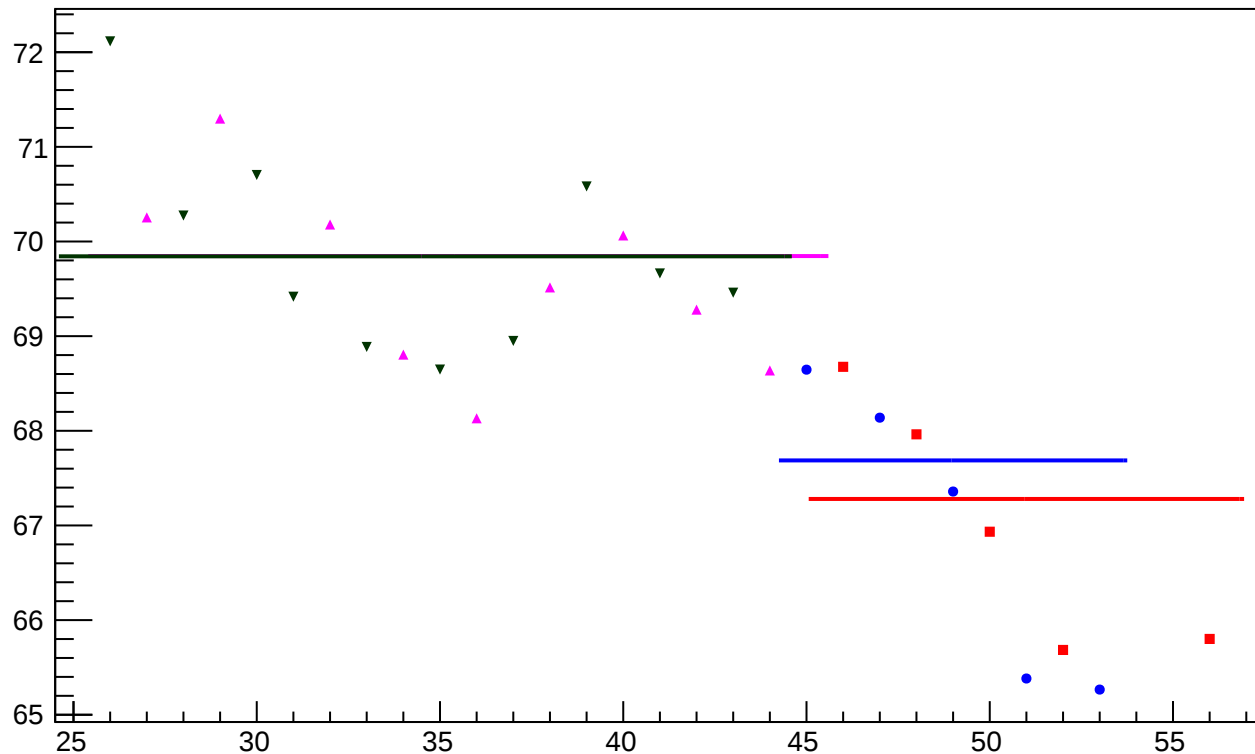


yield_usl_mean vs slug



Right In: 67.687+/-0.000

χ^2 /NDF: 119354615.8/4

69.183+/-0.000

χ^2 /NDF: 712261315.8/14

Left Out: 69.843+/-0.000

χ^2 /NDF: 214944835.0/9

Right Out: 67.280+/-0.000

χ^2 /NDF: 112851047.4/4

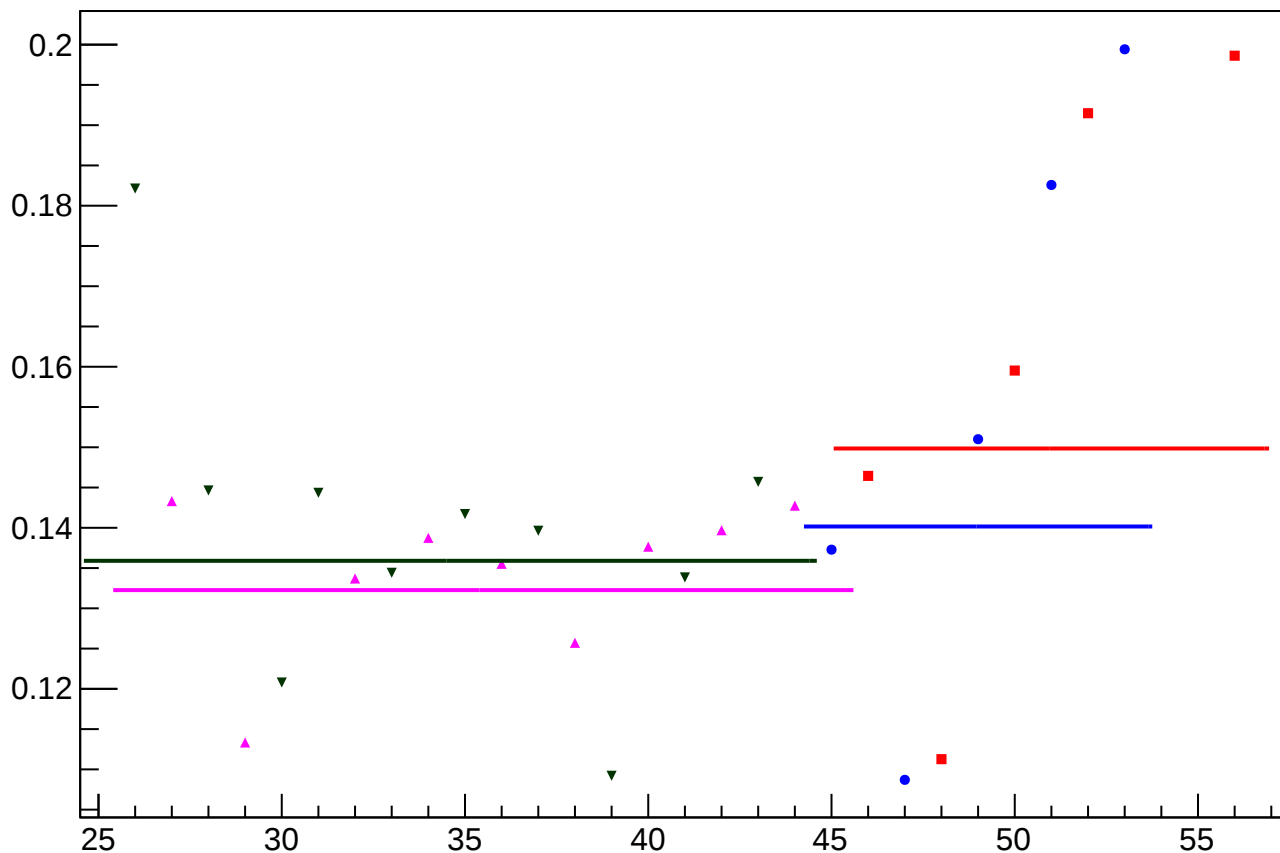
69.231+/-0.000

χ^2 /NDF: 886424552.4/13

Left In: 69.846+/-0.000

χ^2 /NDF: 291597621.2/8

yield_usl_rms vs slug



Right In: 0.140 ± 0.000 χ^2/NDF : 170447.5/4

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

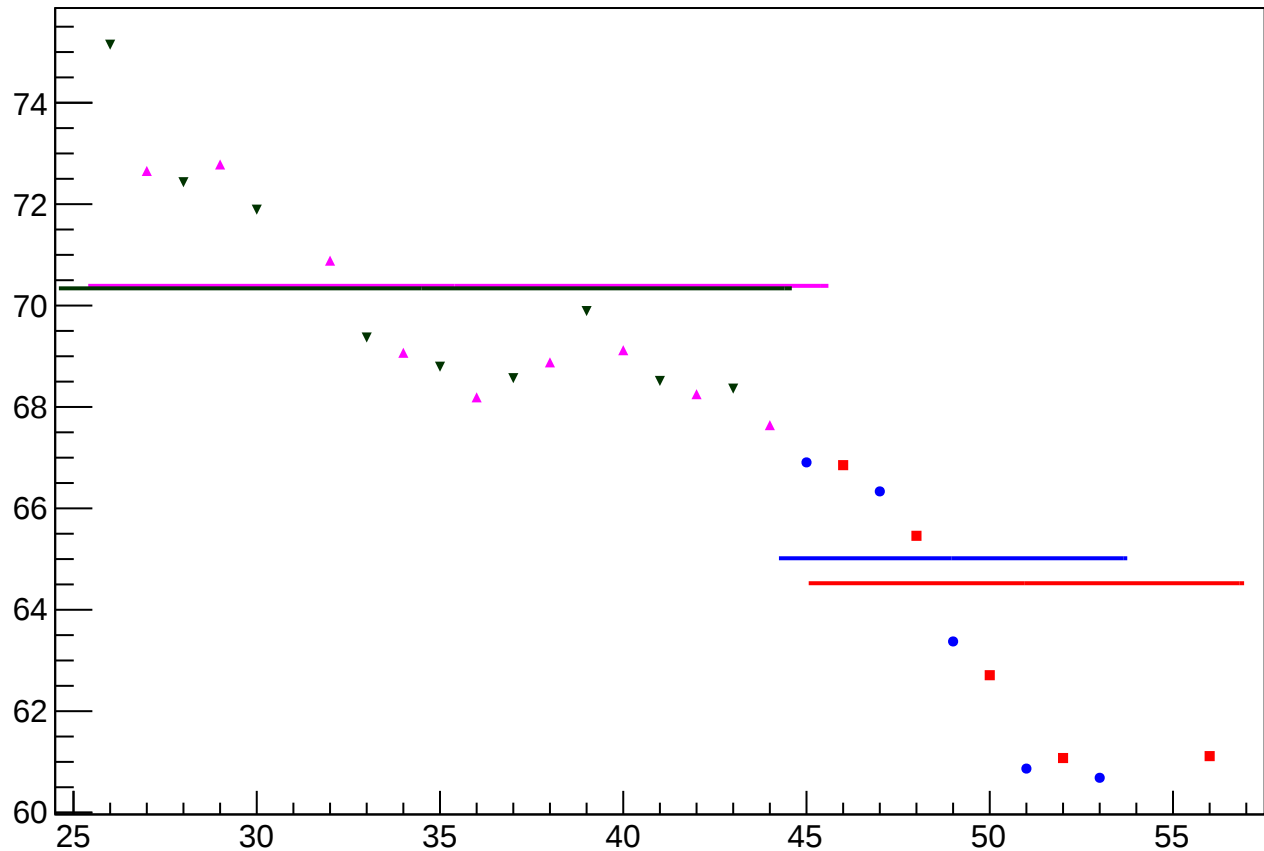
Right Out: 0.150 ± 0.000 χ^2/NDF : 208958.8/4

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

0.137 ± 0.000 χ^2/NDF : 315438.3/14

0.136 ± 0.000 χ^2/NDF : 322464.0/13

yield_usr_mean vs slug



Right In: 65.016+/-0.000 χ^2/NDF : 1253738648.5/4

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

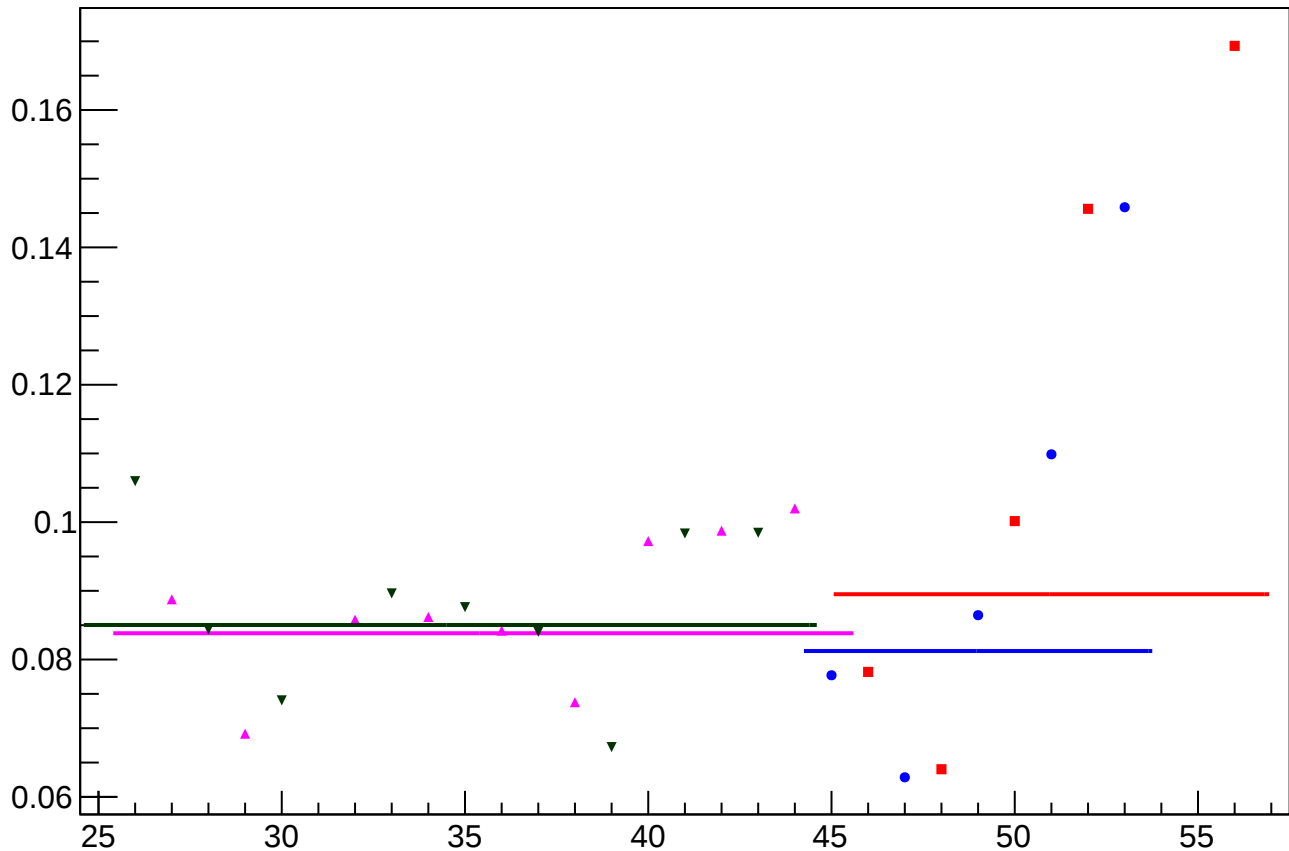
68.493+/-0.000 χ^2/NDF : 9518126556.0/13

Right Out: 64.524+/-0.000 χ^2/NDF : 1001277937.9/4

68.940+/-0.000 χ^2/NDF : 9876924477.1/13

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

yield_usr_rms vs slug



Right In: 0.081+/-0.000 χ^2/NDF : 265654.4/4

Left Out: 0.085+/-0.000 χ^2/NDF :154523.7/8

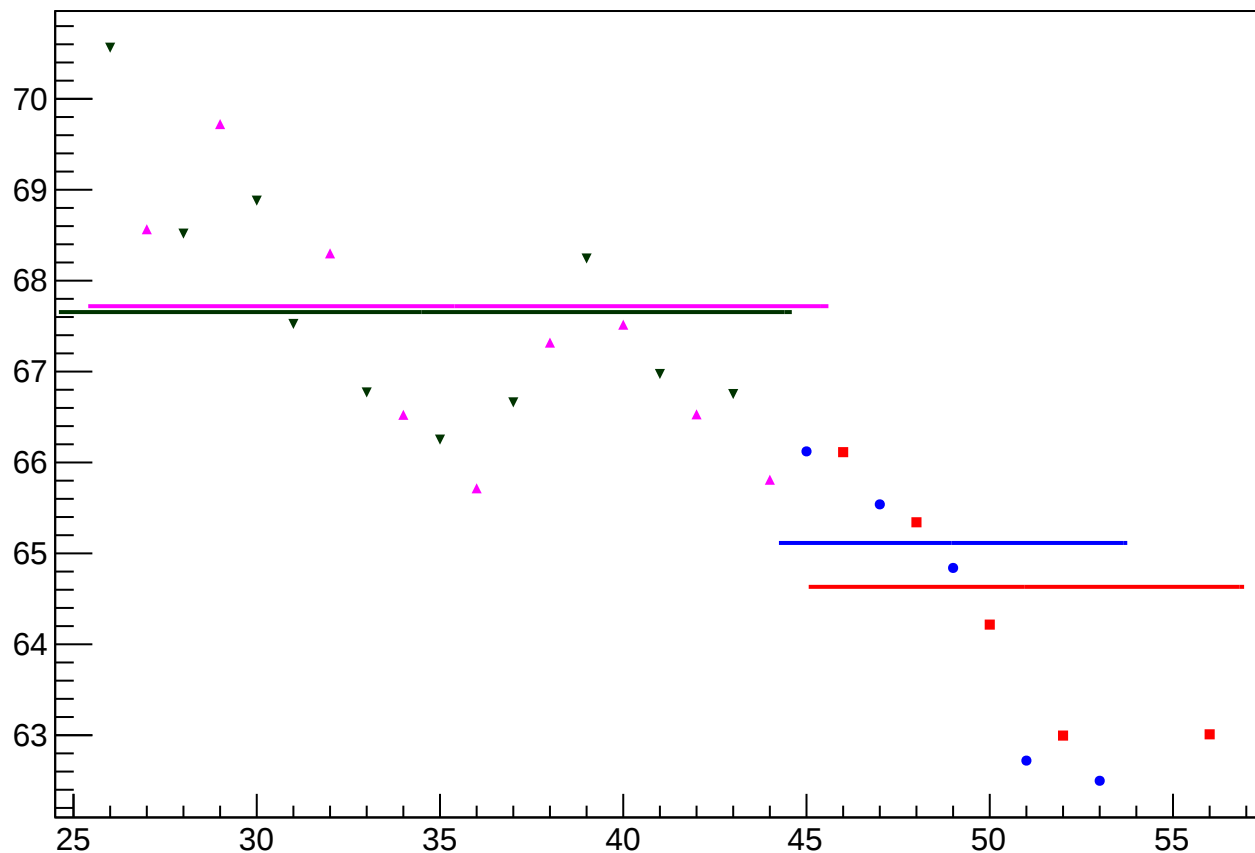
Right Out: 0.090+/-0.000 χ^2/NDF : 500311.3/4

Left In: 0.084+/-0.000 χ^2/NDF :162178.0/8

0.084+/-0.000 χ^2/NDF : 426169.8/13

0.085+/-0.000 χ^2/NDF : 674063.9/13

yield_dsl_mean vs slug



Right In: 65.115+/-0.000 χ^2/NDF : 130258048.0/4

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

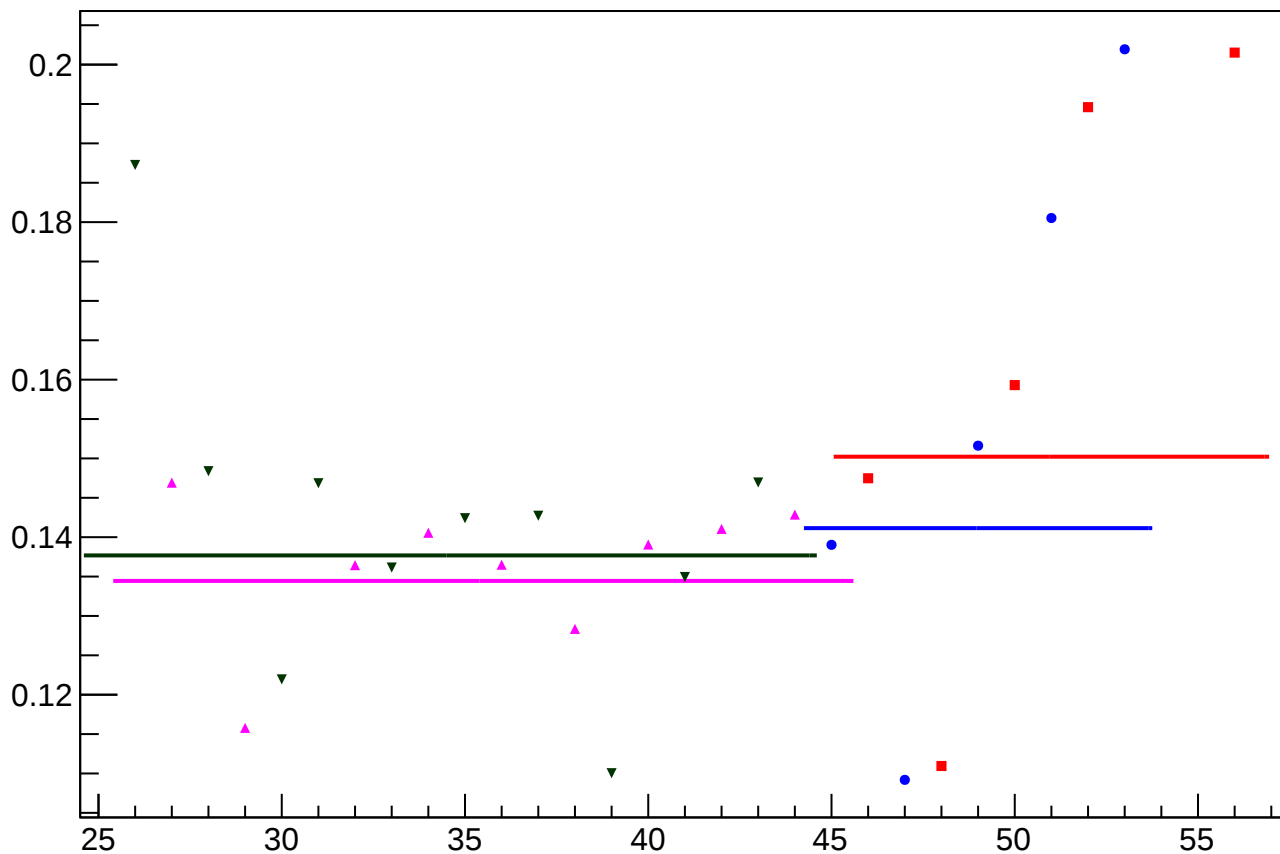
Right Out: 64.632+/-0.000 χ^2/NDF : 124531766.9/4

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

66.869+/-0.000 χ^2/NDF : 974290435.2/14

66.965+/-0.000 χ^2/NDF : 1358944025.7/13

yield_dsl_rms vs slug



Right In: 0.141+/-0.000 χ^2/NDF : 172673.9/4

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

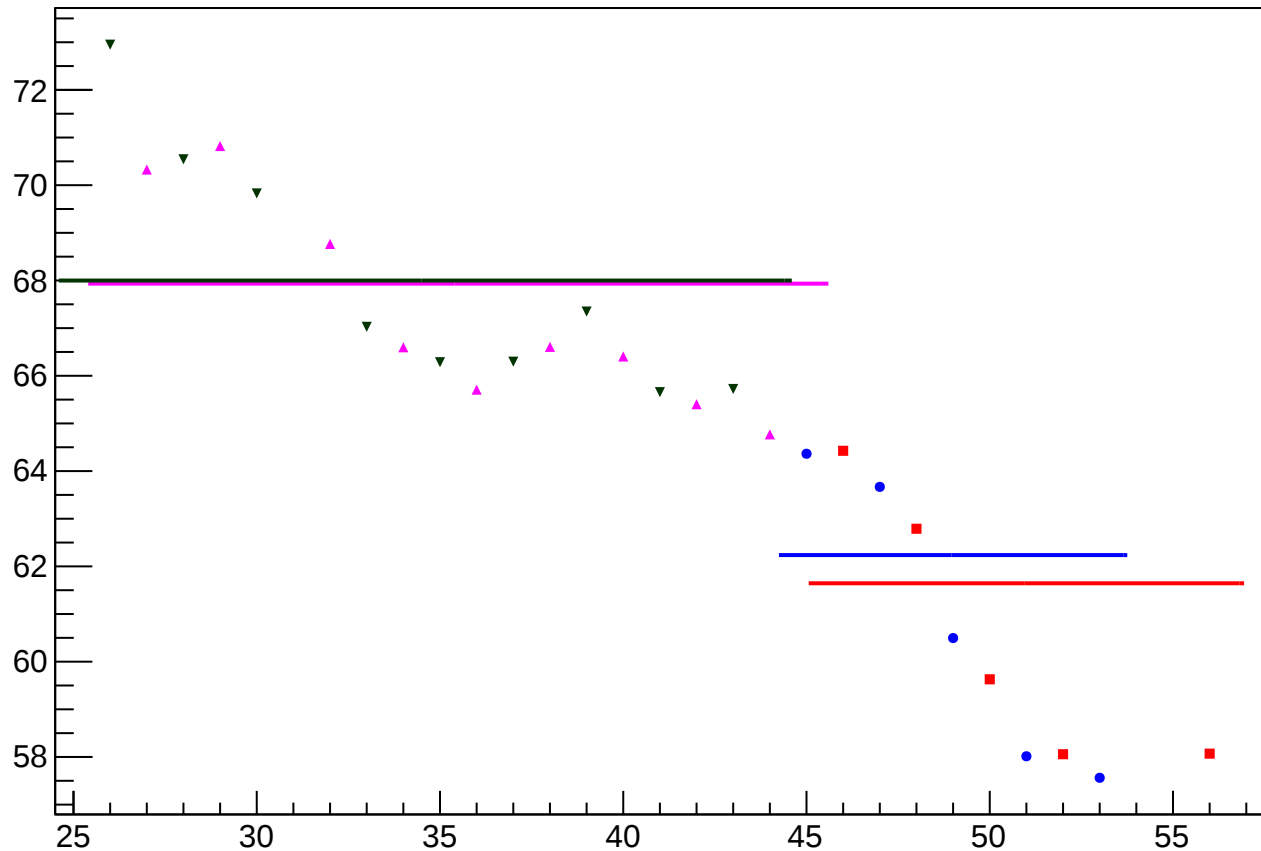
Right Out: 0.150+/-0.000 χ^2/NDF : 222179.0/4

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

0.139+/-0.000 χ^2/NDF : 328084.0/14

0.138+/-0.000 χ^2/NDF : 321715.8/13

yield_dsr_mean vs slug



Right In: 62.237+/-0.000 χ^2/NDF : 1598307503.0/4

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

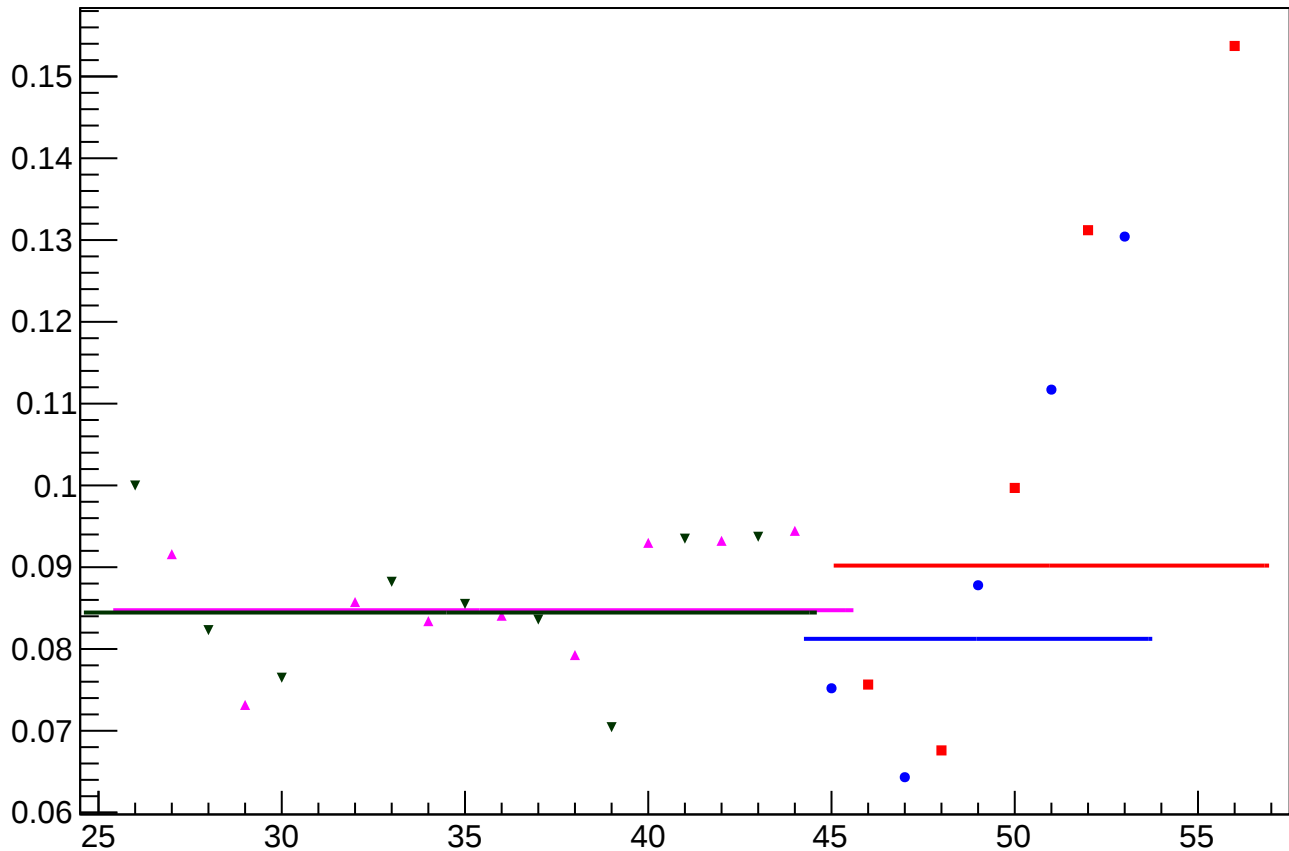
Right Out: 61.645+/-0.000 χ^2/NDF : 1381100736.1/4

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

66.003+/-0.000 χ^2/NDF : 11722053662.0/13

66.341+/-0.000 χ^2/NDF : 11915503425.9/13

yield_dsr_rms vs slug



Right In: 0.081+/-0.000 χ^2/NDF : 210476.1/4

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

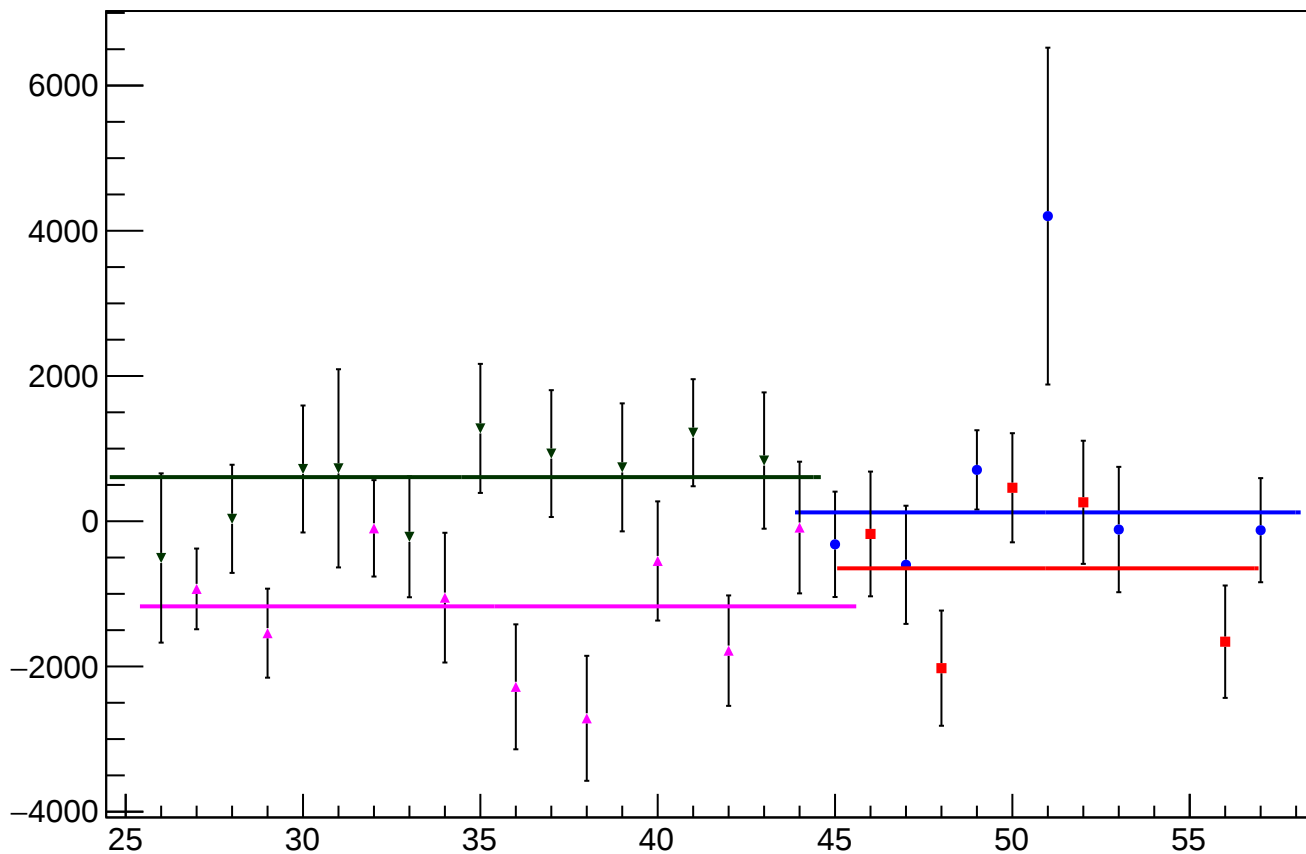
Right Out: 0.090+/-0.000 χ^2/NDF : 375769.8/4

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

0.083+/-0.000 χ^2/NDF : 301626.4/13

0.086+/-0.000 χ^2/NDF : 463294.2/13

asym_usl_mean vs slug



Right In: 121.790+/-312.585 χ^2/NDF : 5.6/5

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

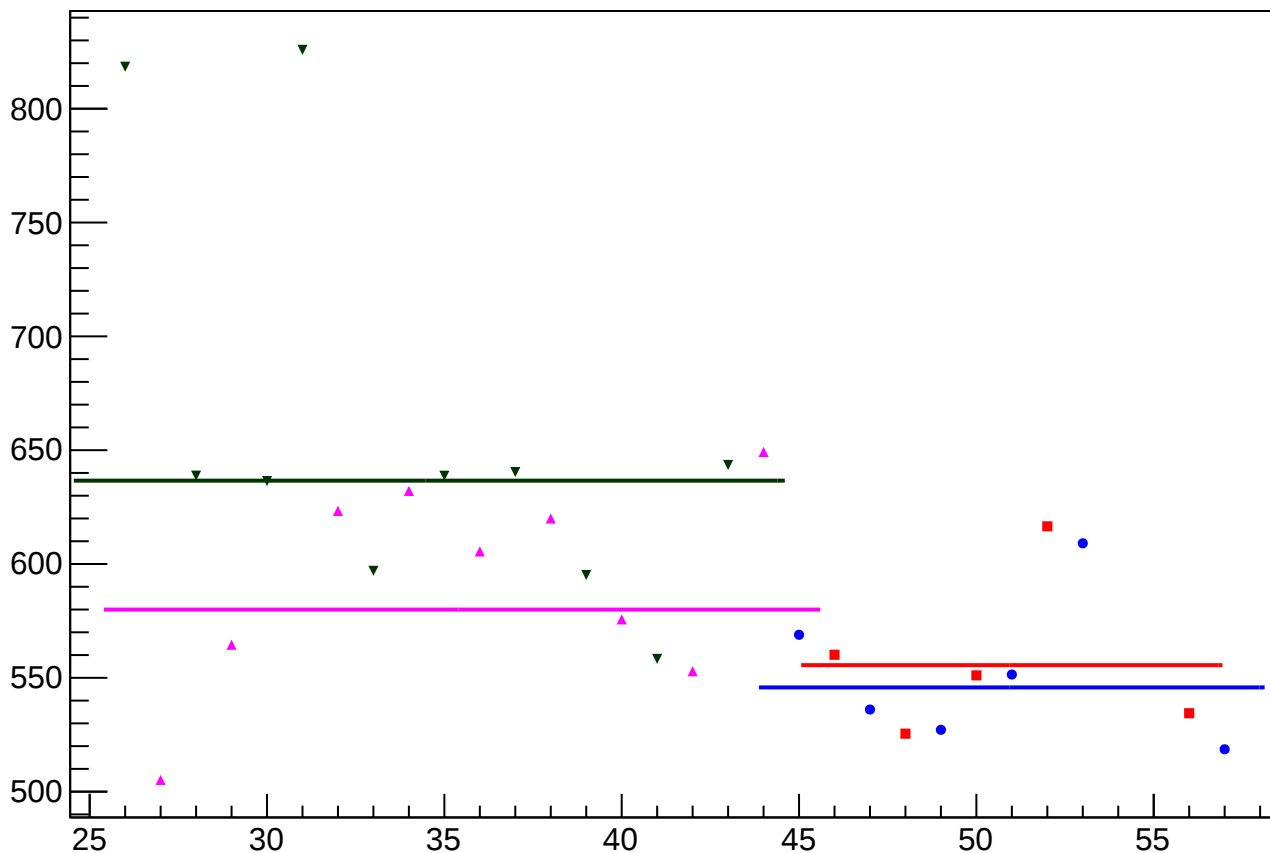
Right Out: -648.630+/-358.598 χ^2/NDF : 8.3/4

Left In: -1172.316+/-245.788 χ^2/NDF : 10.7/8

390.471+/-208.957 χ^2/NDF : 10.9/15

-1004.929+/-202.737 χ^2/NDF : 20.5/13

asym_usl_rms vs slug



Right In: 545.785 $\pm$ 0.221 χ^2 /NDF: 18279.8/5

Left Out: 636.619 $\pm$ 0.199 χ^2 /NDF:118822.0/9

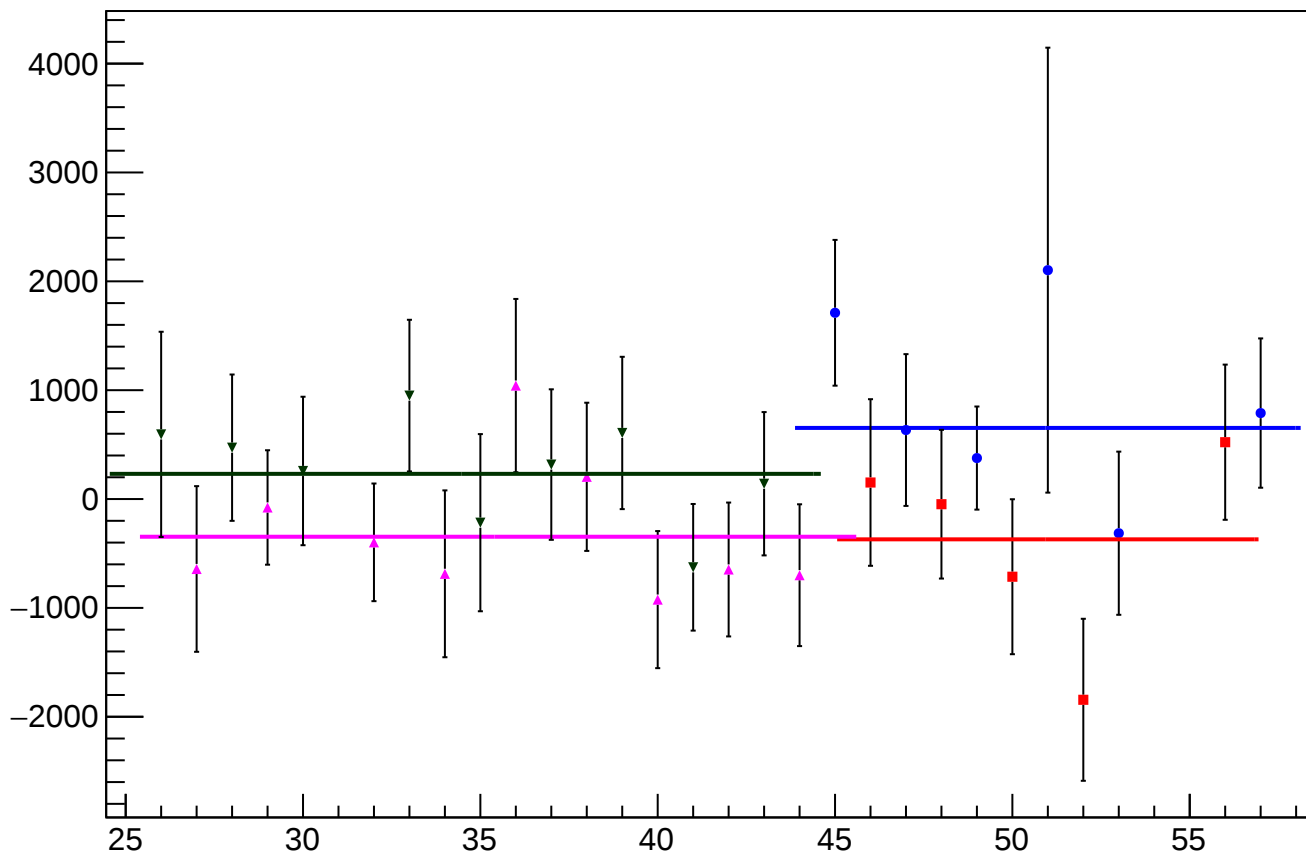
Right Out: 555.564 $\pm$ 0.254 χ^2 /NDF: 14844.9/4

Left In: 579.971 $\pm$ 0.174 χ^2 /NDF:73206.6/8

596.029 $\pm$ 0.148 χ^2 /NDF: 230516.4/15

572.170 $\pm$ 0.143 χ^2 /NDF: 94354.7/13

asym_usr_mean vs slug



Right In: 653.383 ± 278.490 $\chi^2/\text{NDF}: 5.0/5$

Left Out: 231.411 ± 232.753 $\chi^2/\text{NDF}: 4.1/8$

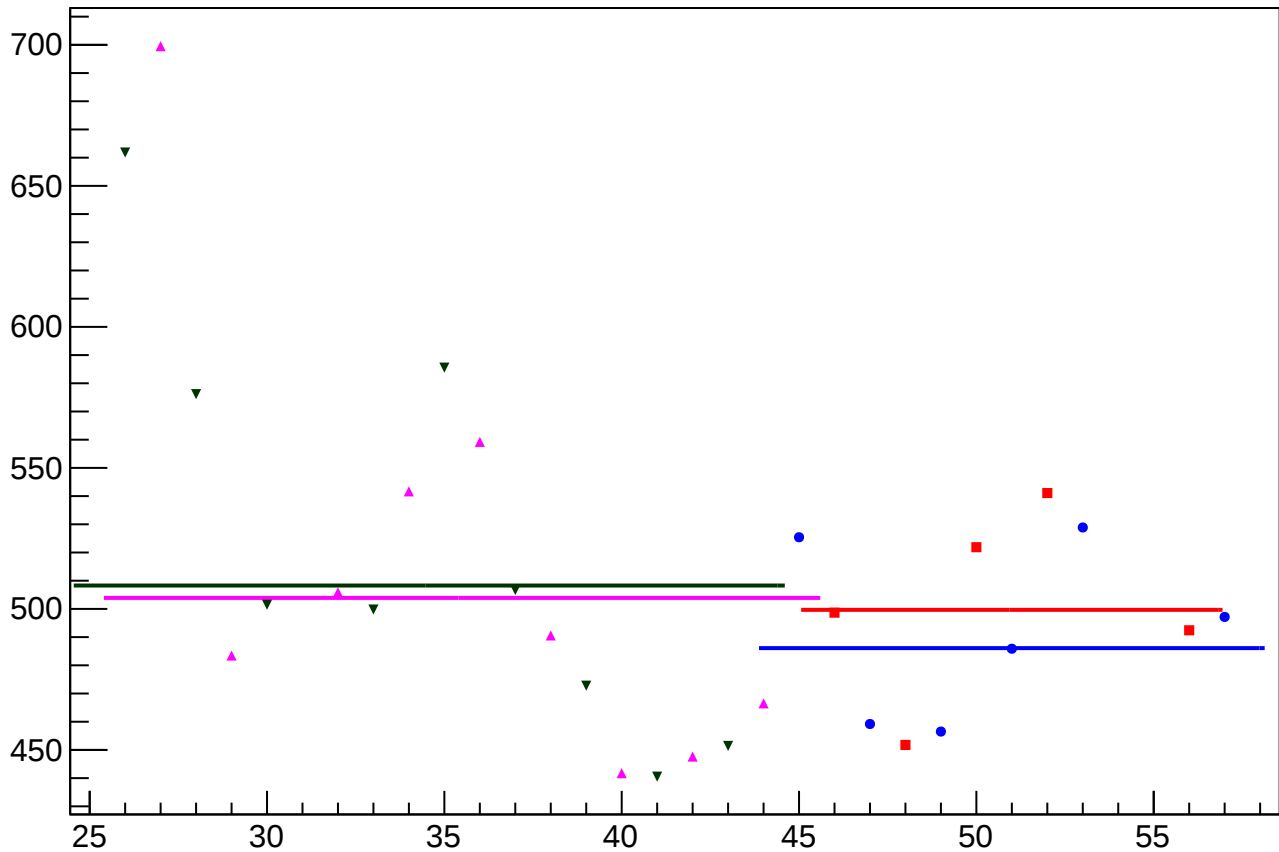
Right Out: -370.184 ± 322.763 $\chi^2/\text{NDF}: 6.4/4$

Left In: -346.250 ± 214.497 $\chi^2/\text{NDF}: 5.7/8$

404.946 ± 178.592 $\chi^2/\text{NDF}: 10.5/14$

-353.582 ± 178.646 $\chi^2/\text{NDF}: 12.1/13$

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

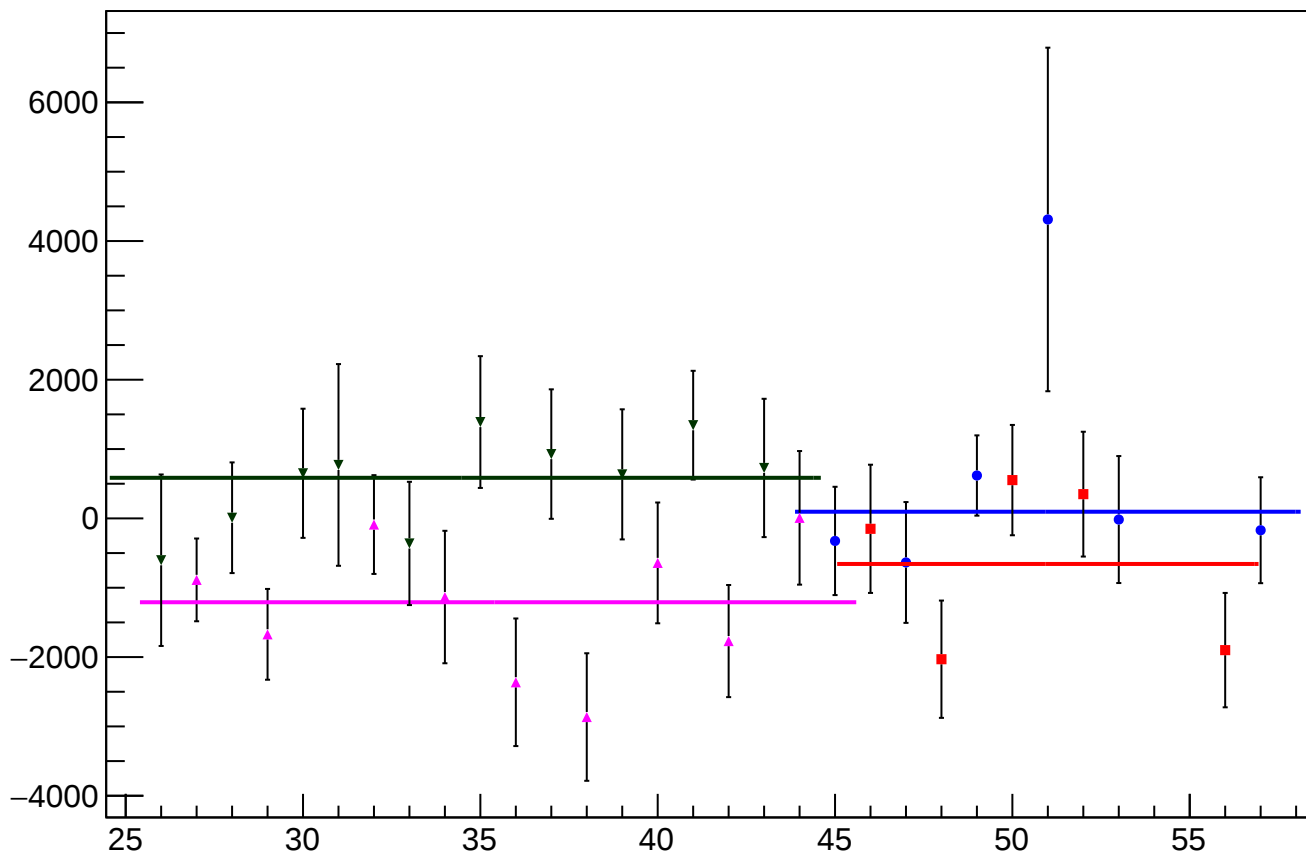
499.166 $\pm$ 0.126 χ^2 /NDF: 171391.7/14

Right Out: 499.665 $\pm$ 0.228 χ^2 /NDF: 18192.9/4

502.604 $\pm$ 0.126 χ^2 /NDF: 211783.4/13

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

asym_dsl_mean vs slug



Right In: 96.146 $\pm$ 333.113 χ^2/NDF : 4.8/5

Left Out: 585.397 $\pm$ 299.644 χ^2/NDF : 4.4/9

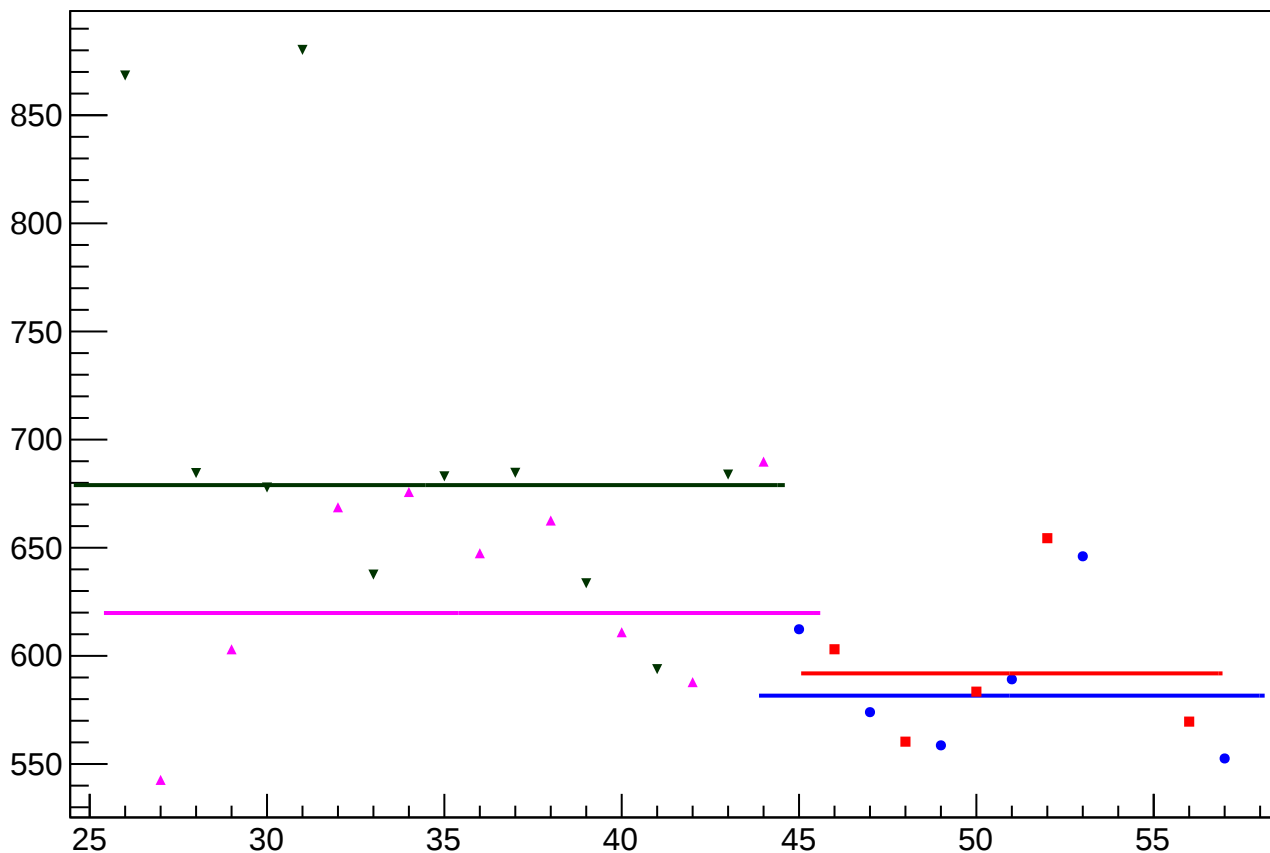
Right Out: -657.118 $\pm$ 382.030 χ^2/NDF : 8.8/4

Left In: -1209.244 $\pm$ 262.640 χ^2/NDF : 10.6/8

366.577 $\pm$ 222.776 χ^2/NDF : 10.4/15

-1032.041 $\pm$ 216.428 χ^2/NDF : 20.8/13

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

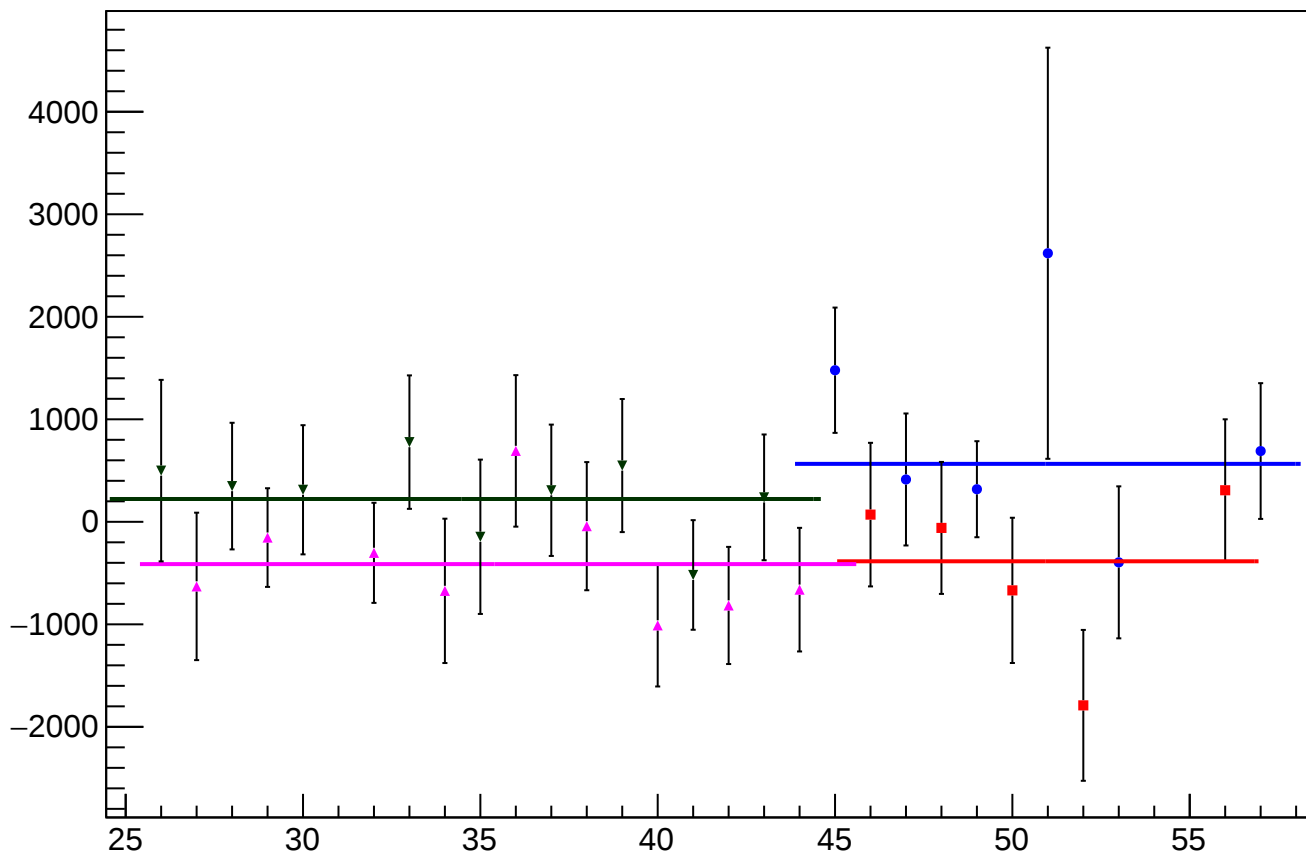
Right Out: 591.901 ± 0.270 χ^2/NDF : 14414.3/4

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

635.421 ± 0.158 χ^2/NDF : 231662.1/15

610.859 ± 0.153 χ^2/NDF : 92729.2/13

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

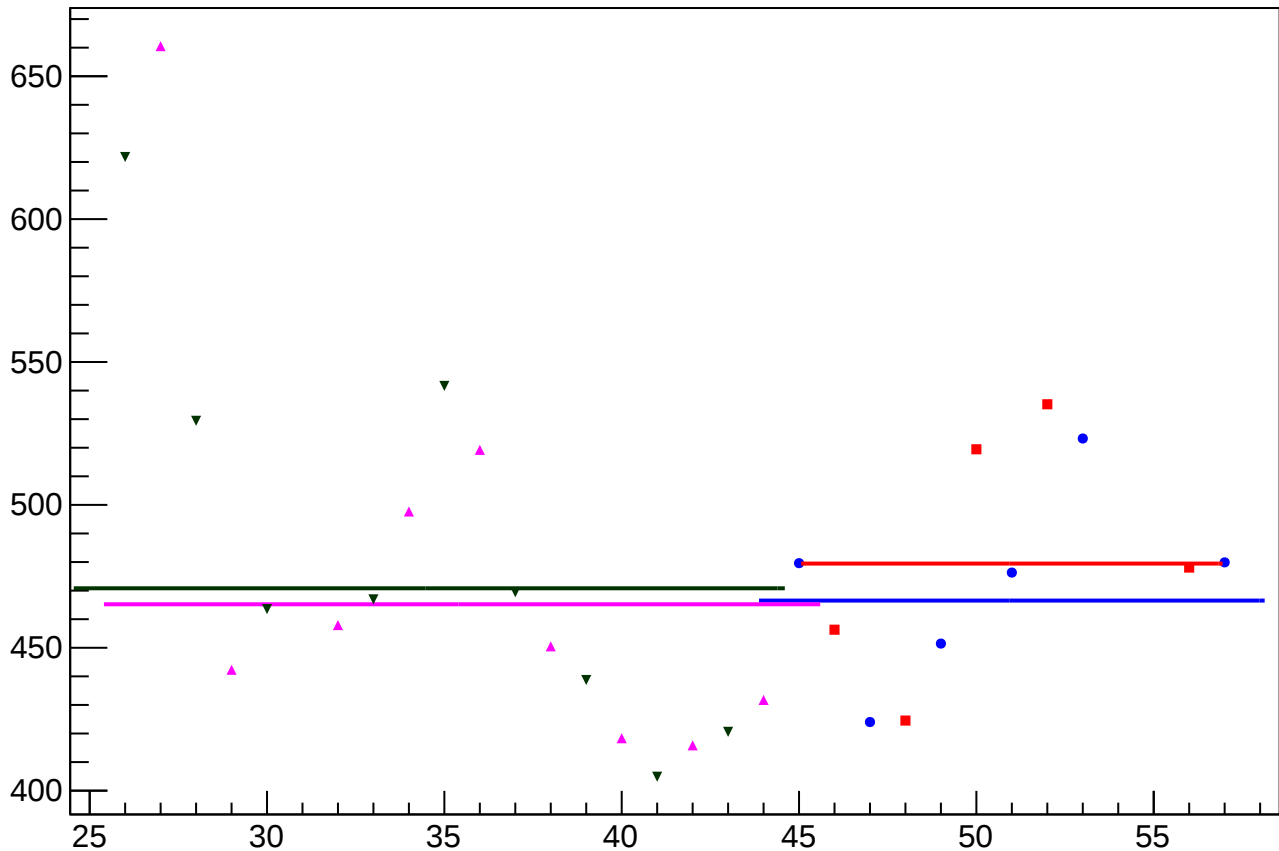
Right Out: -385.035+/-310.399 χ^2/NDF : 5.5/4

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

357.743+/-167.816 χ^2/NDF : 9.6/14

-404.550+/-166.989 χ^2/NDF : 10.3/13

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

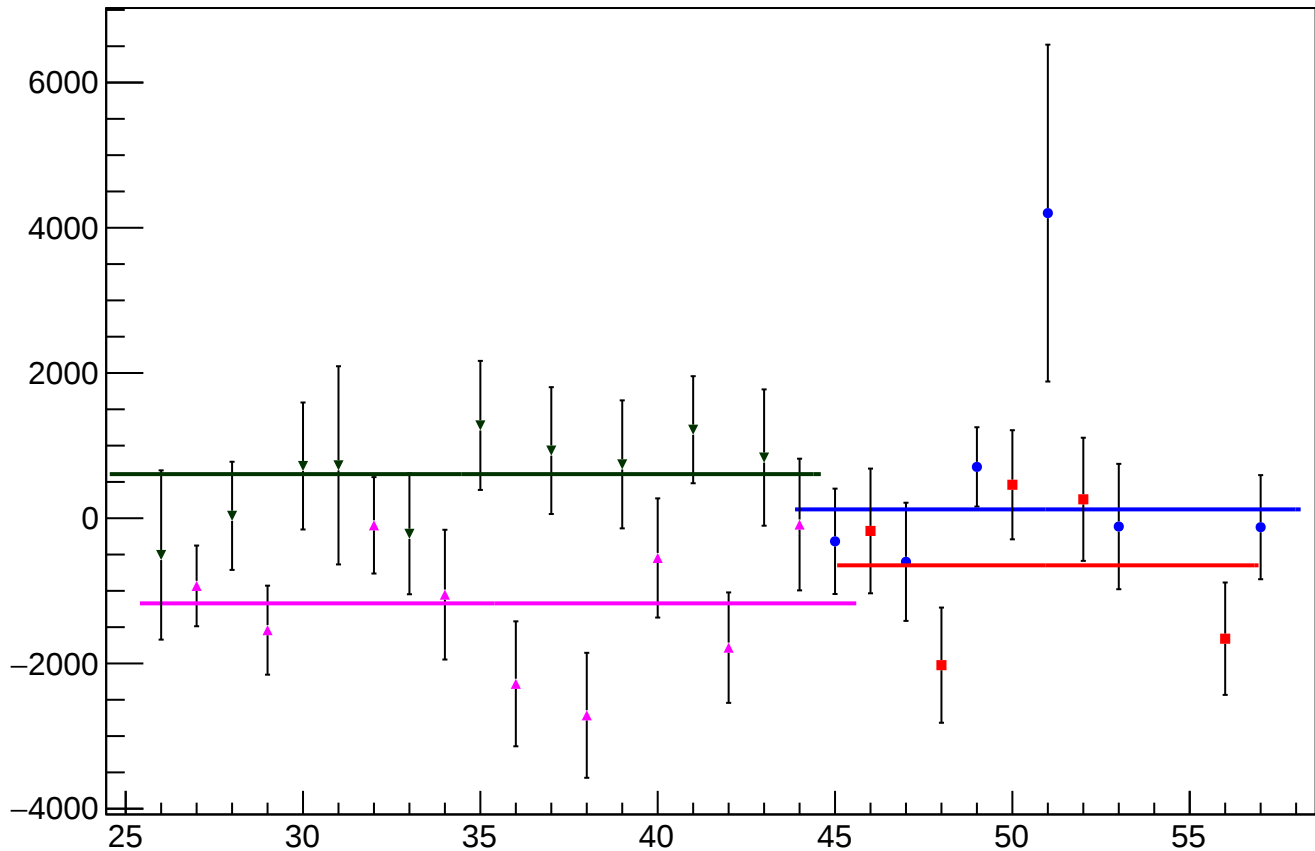
Right Out: 479.467+/-0.219 χ^2/NDF : 34607.7/4

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

469.123+/-0.119 χ^2/NDF : 167519.1/14

469.345+/-0.118 χ^2/NDF : 239624.8/13

cor_usl_mean vs slug



Right In: 121.790 ± 312.585 χ^2/NDF : 5.6/5

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

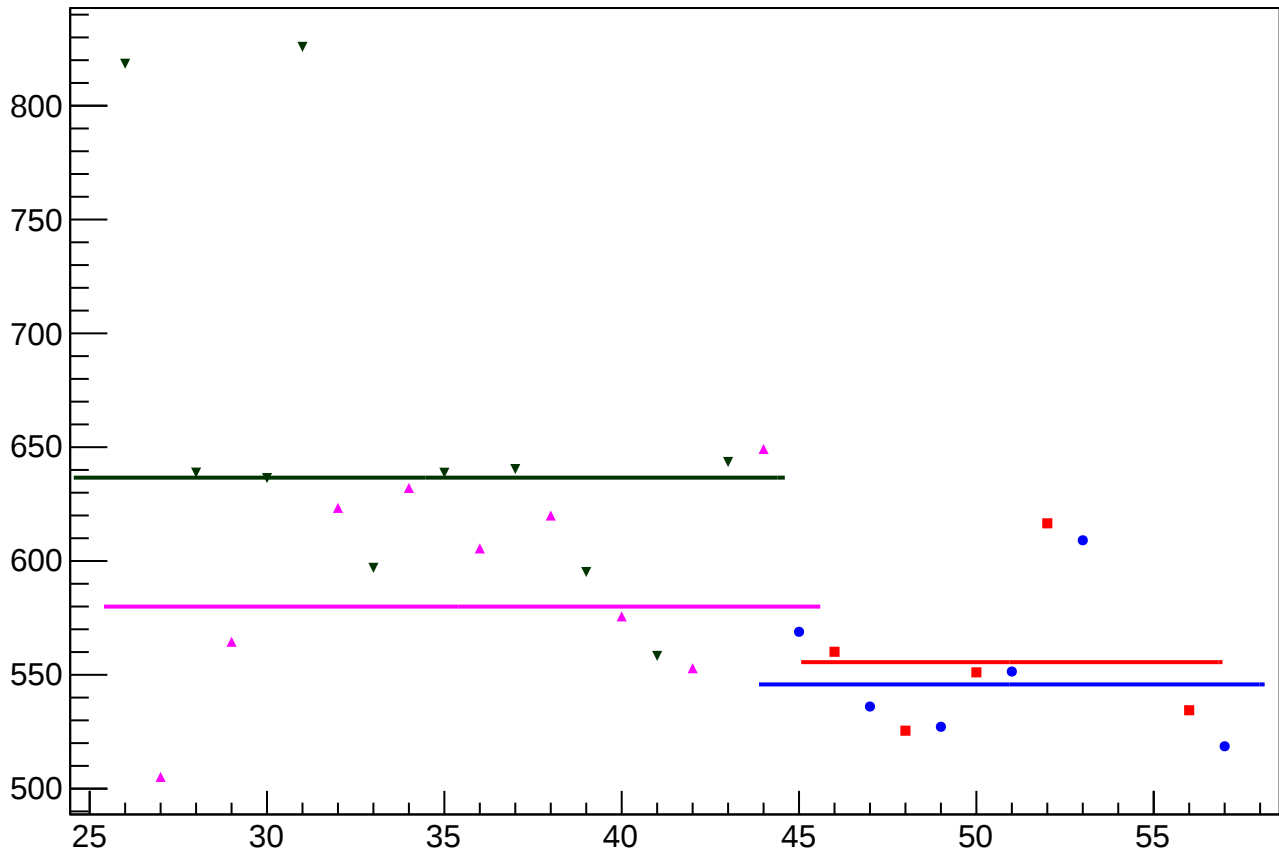
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Left In: -1172.316 ± 245.788 χ^2/NDF : 10.7/8

390.471 ± 208.957 χ^2/NDF : 10.9/15

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cor_usl_rms vs slug



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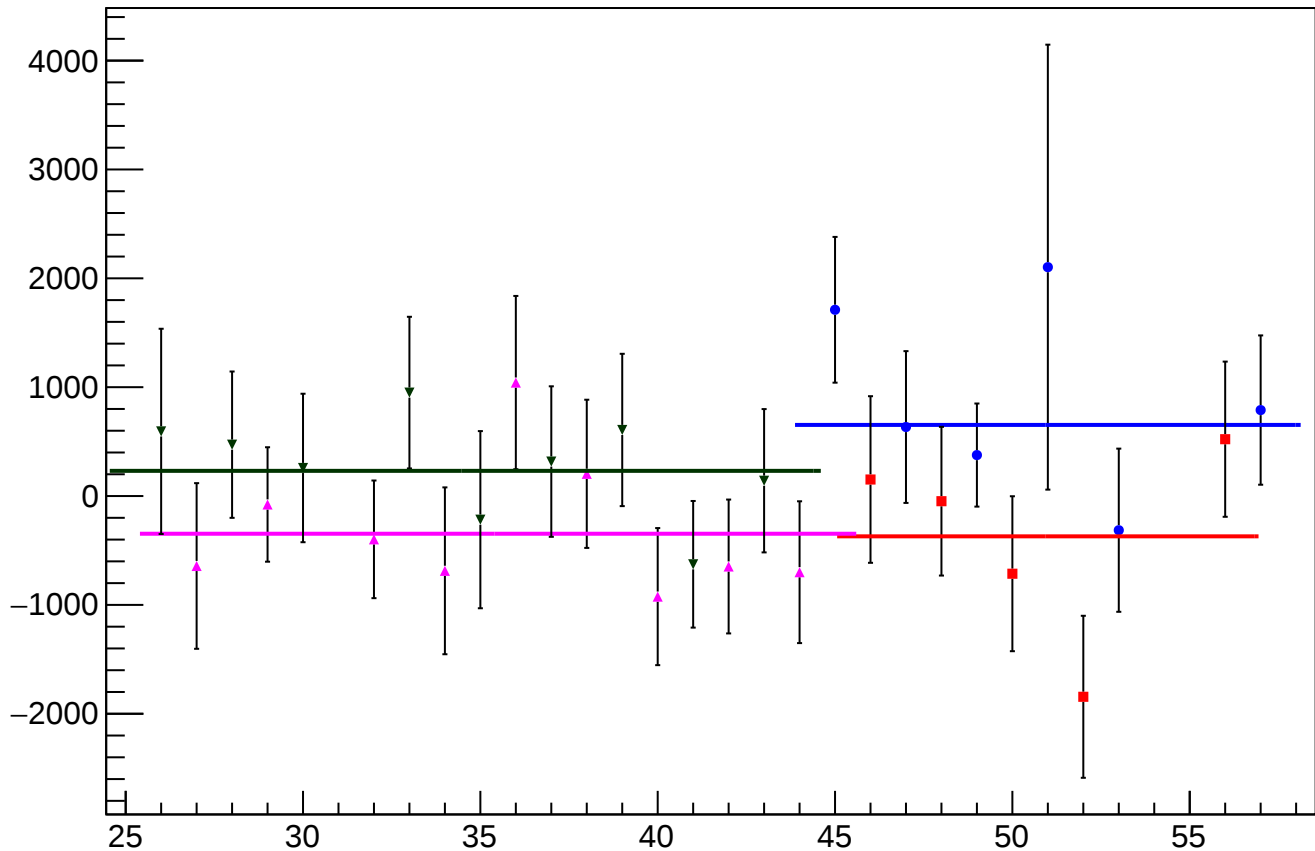
Right Out: 555.564 $\pm$ 0.254 χ^2 /NDF: 14844.9/4

Left In: 579.971 $\pm$ 0.174 χ^2 /NDF:73206.6/8

596.029 $\pm$ 0.148 χ^2 /NDF: 230516.4/15

572.170 $\pm$ 0.143 χ^2 /NDF: 94354.7/13

cor_usr_mean vs slug



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

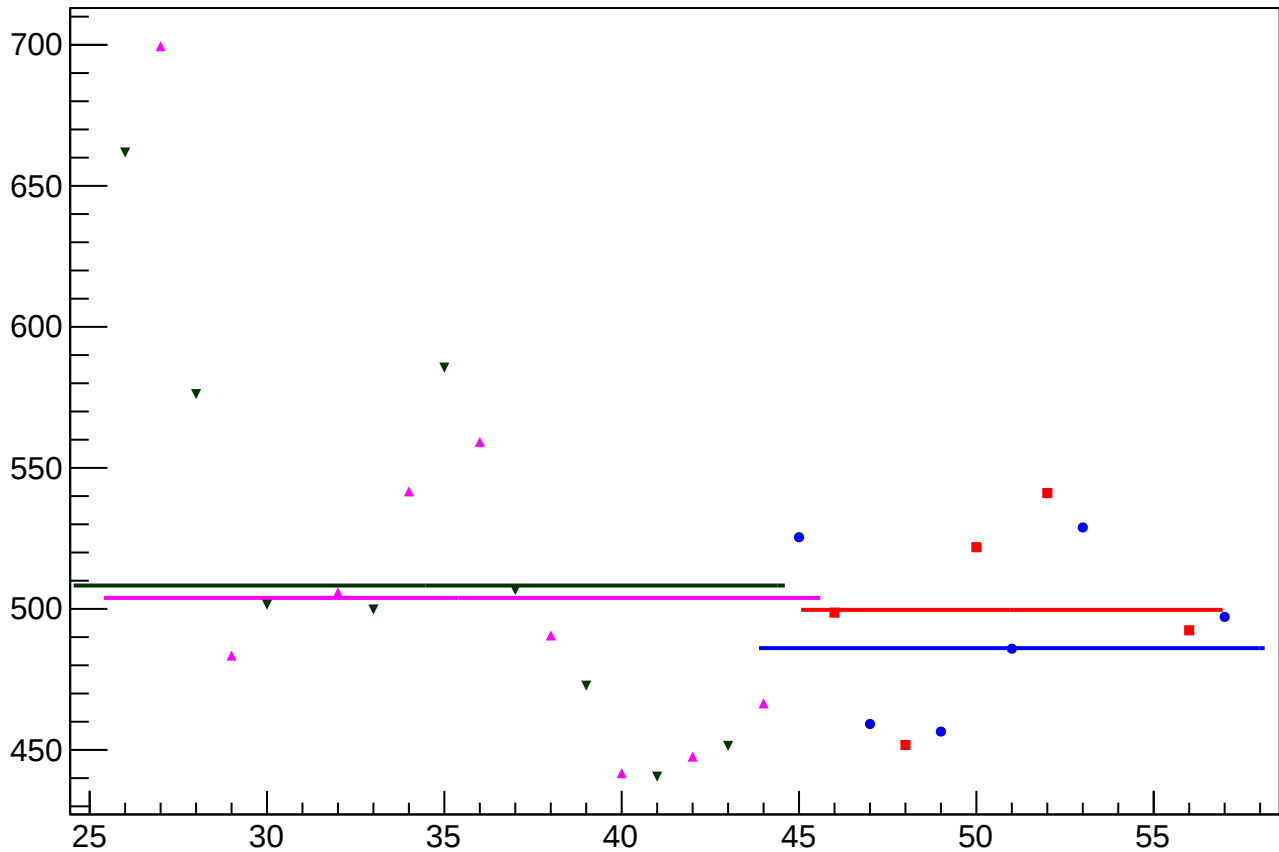
Right Out: -370.184 ± 322.763 χ^2/NDF : 6.4/4

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

404.946 ± 178.592 χ^2/NDF : 10.5/14

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cor_usr_rms vs slug



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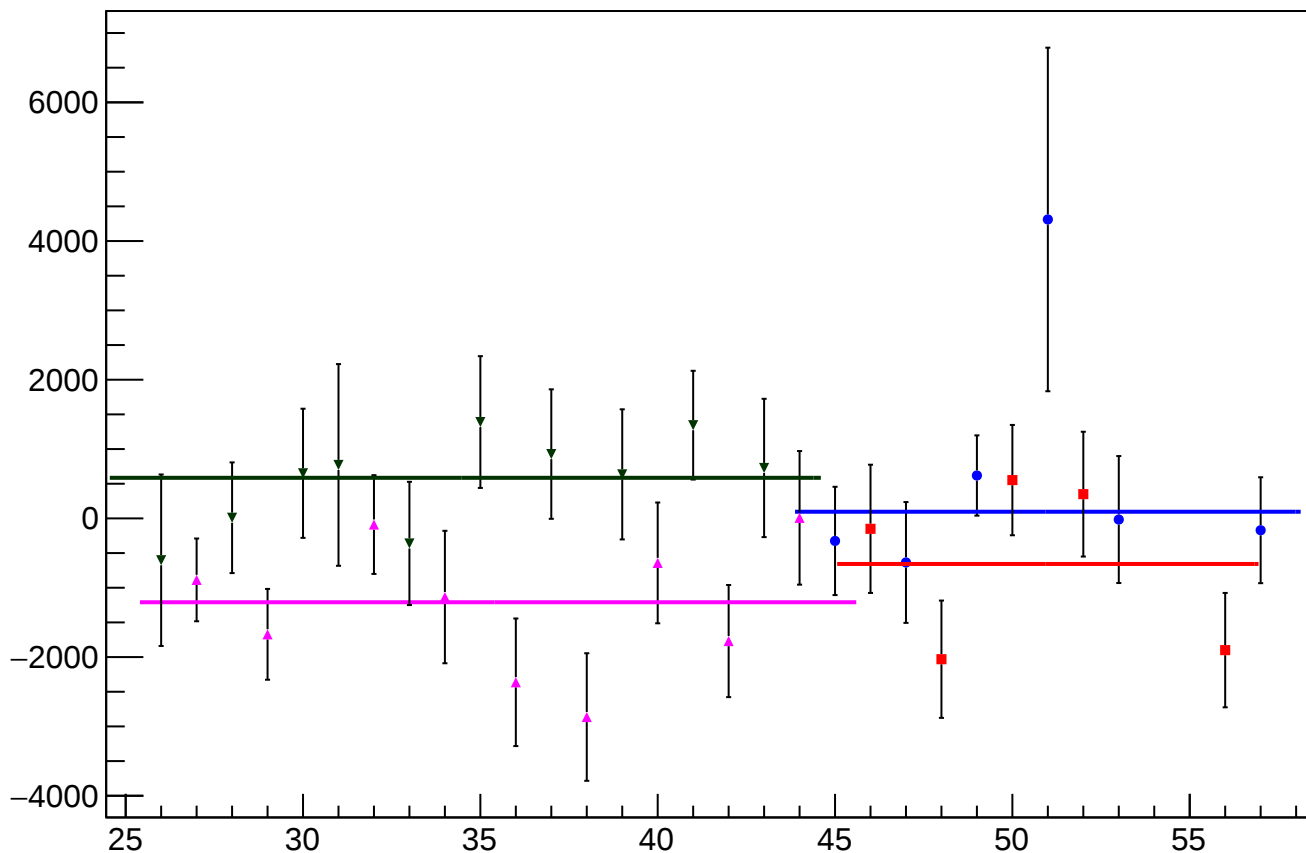
499.166 $\pm$ 0.126 χ^2 /NDF: 171391.7/14

Right Out: 499.665 $\pm$ 0.228 χ^2 /NDF: 18192.9/4

502.604 $\pm$ 0.126 χ^2 /NDF: 211783.4/13

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

cor_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

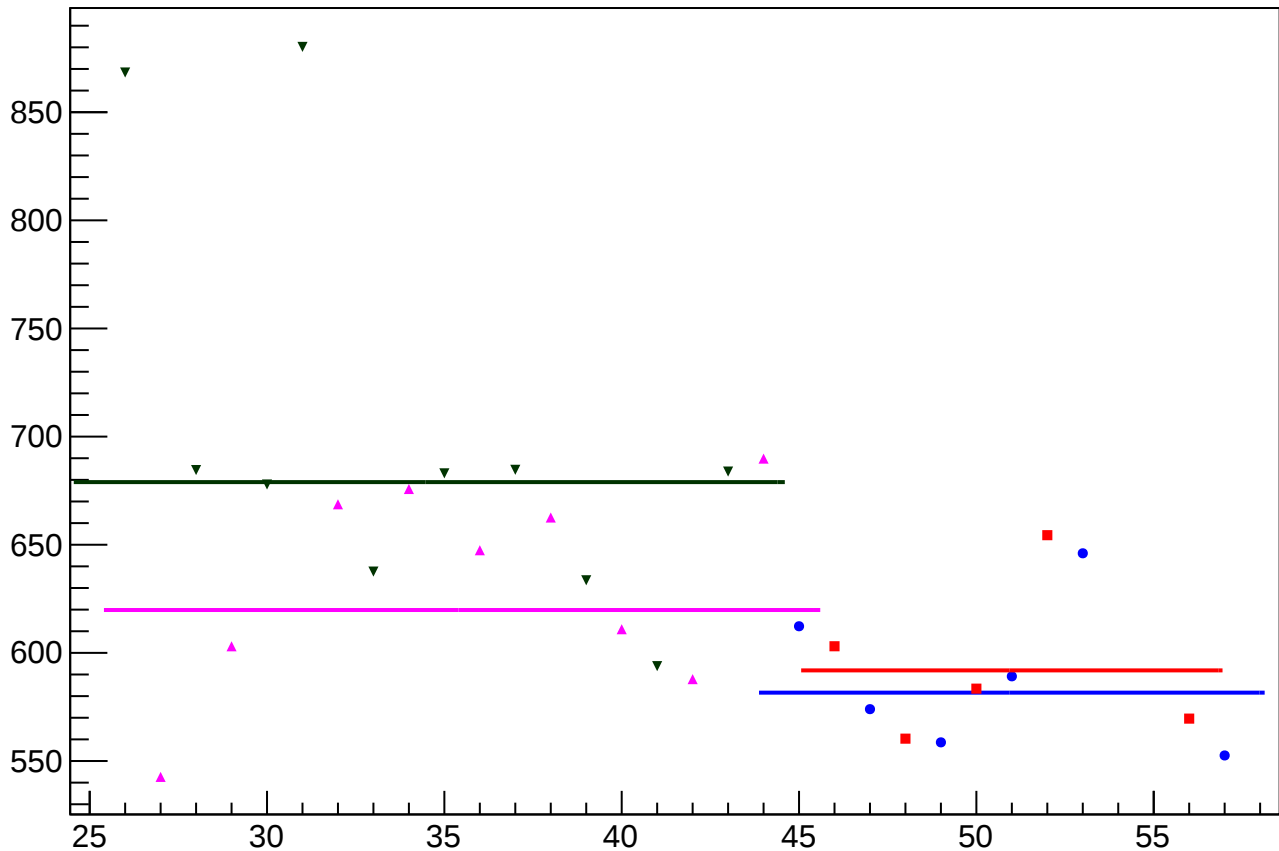
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366.577+/-222.776 χ^2/NDF : 10.4/15

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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

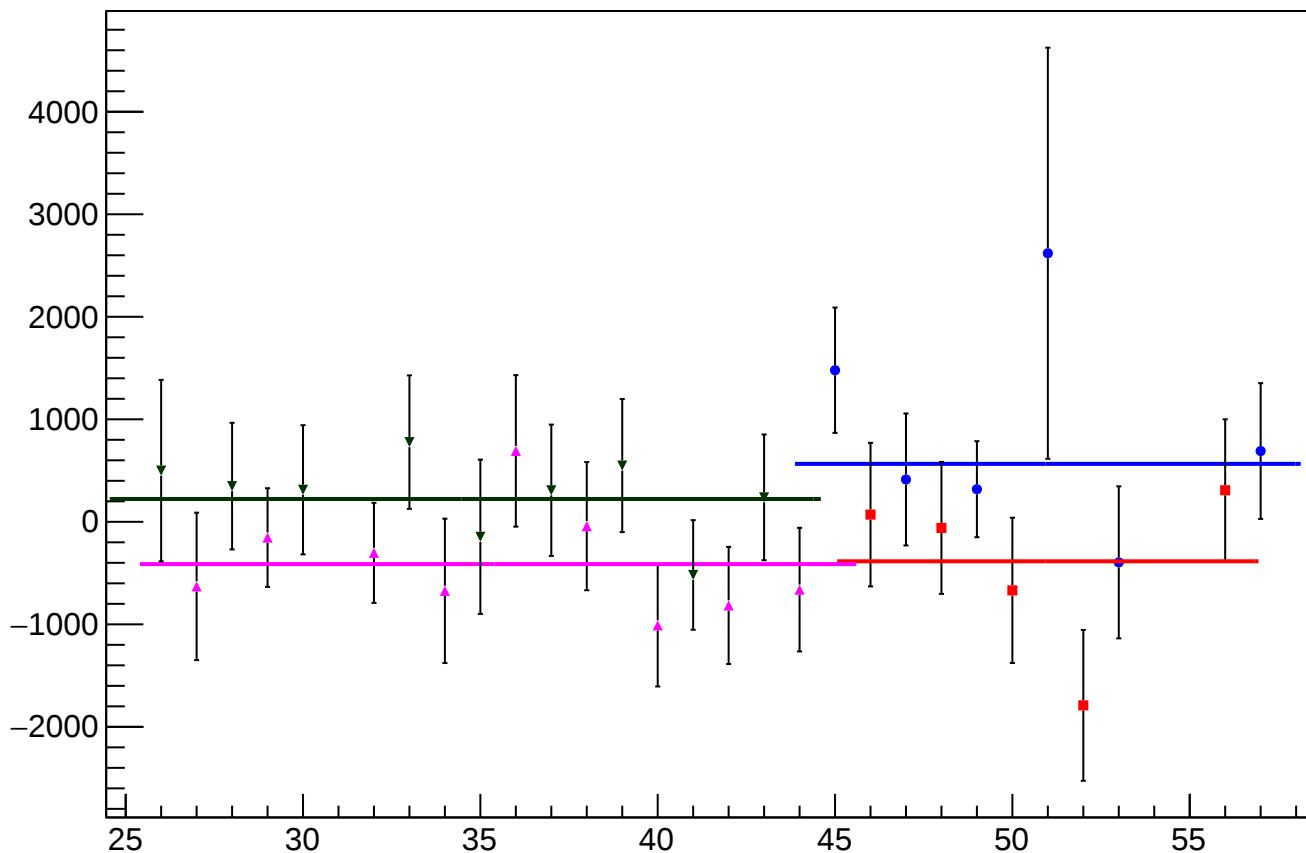
Right Out: 591.901 ± 0.270 χ^2/NDF : 14414.3/4

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

635.421 ± 0.158 χ^2/NDF : 231662.1/15

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cor_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

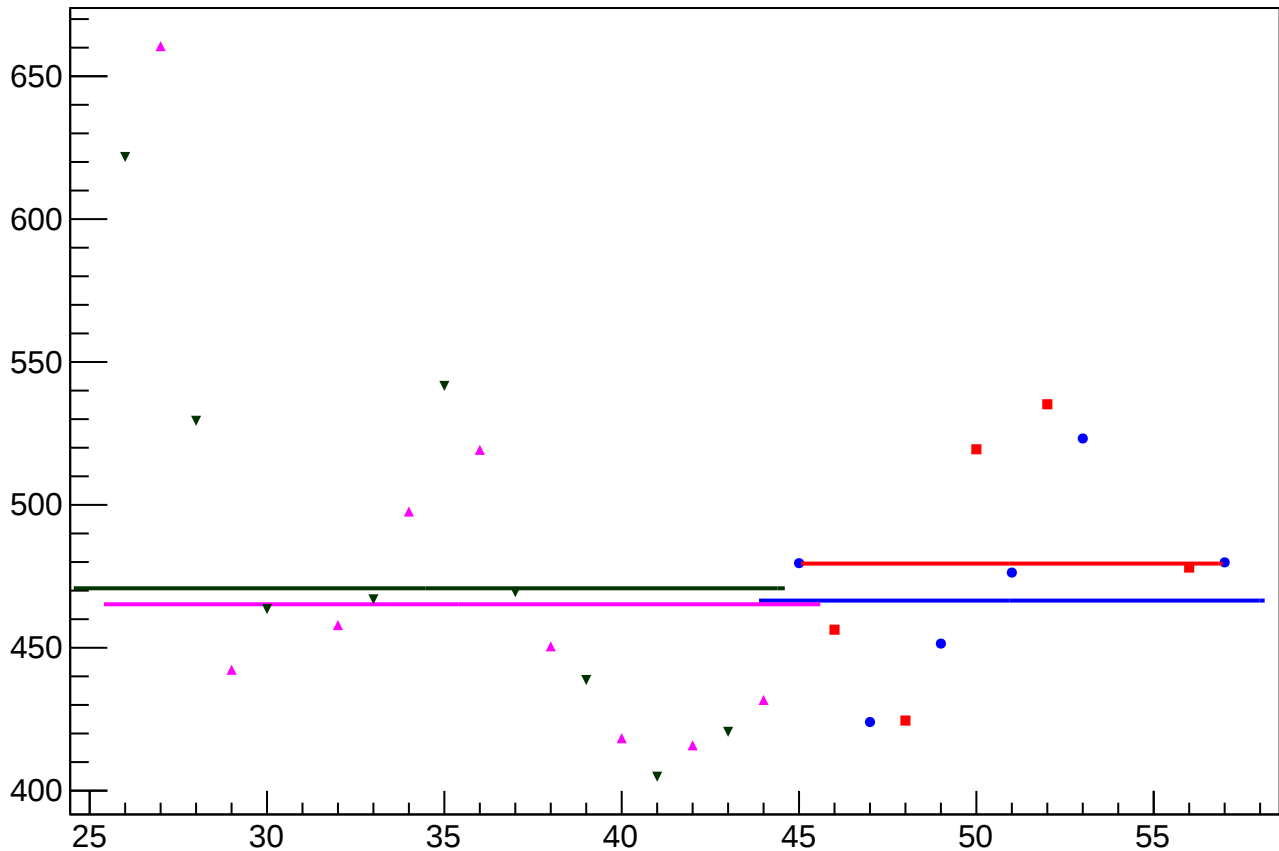
Right Out: -385.035+/-310.399 χ^2/NDF : 5.5/4

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

357.743+/-167.816 χ^2/NDF : 9.6/14

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cor_dsr_rms vs slug



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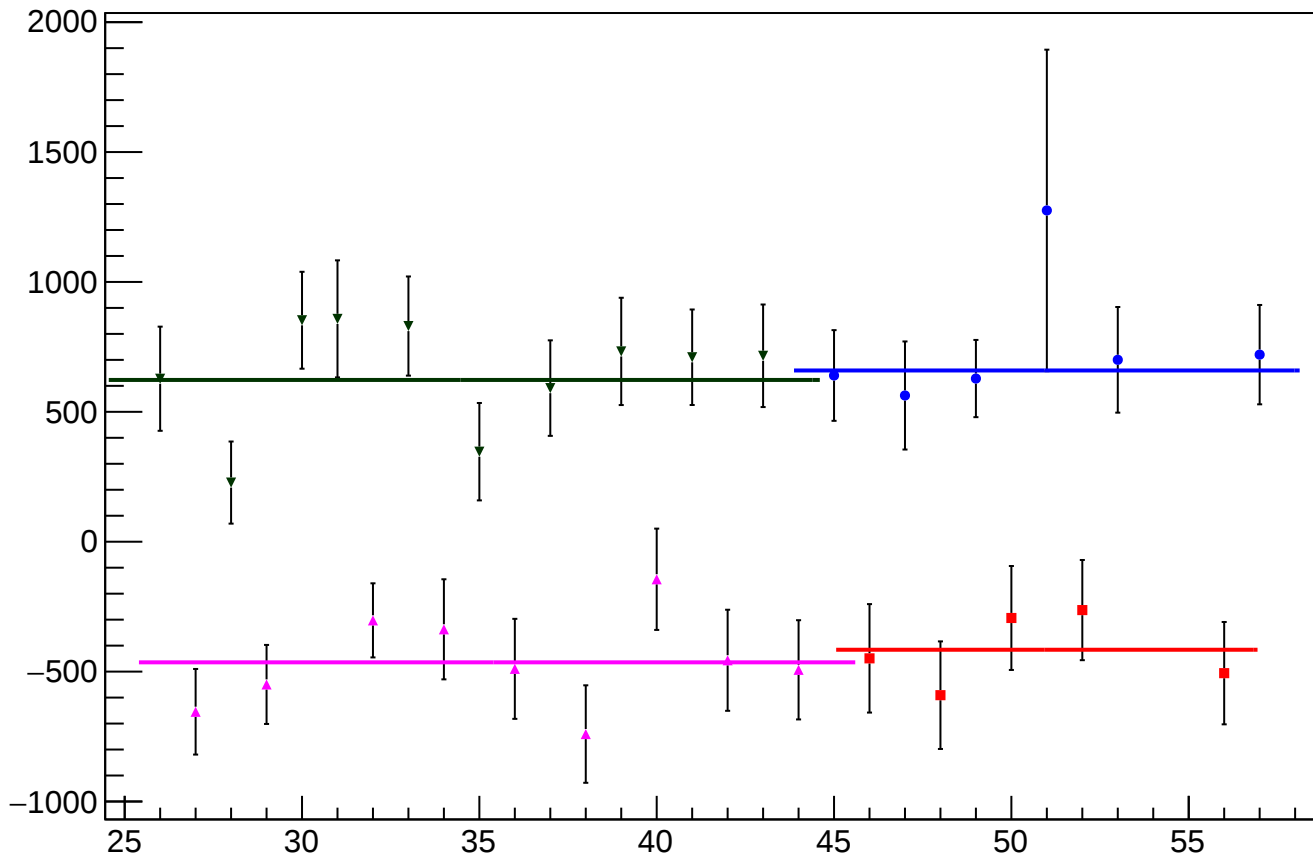
Right Out: 479.467+/-0.219 χ^2/NDF : 34607.7/4

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

469.123+/-0.119 χ^2/NDF : 167519.1/14

469.345+/-0.118 χ^2/NDF : 239624.8/13

reg_asym_usl_mean vs slug



Right In: 659.208 $\pm$ 80.239 χ^2 /NDF: 1.4/5

Left Out: 622.726 $\pm$ 60.025 χ^2 /NDF:13.0/9

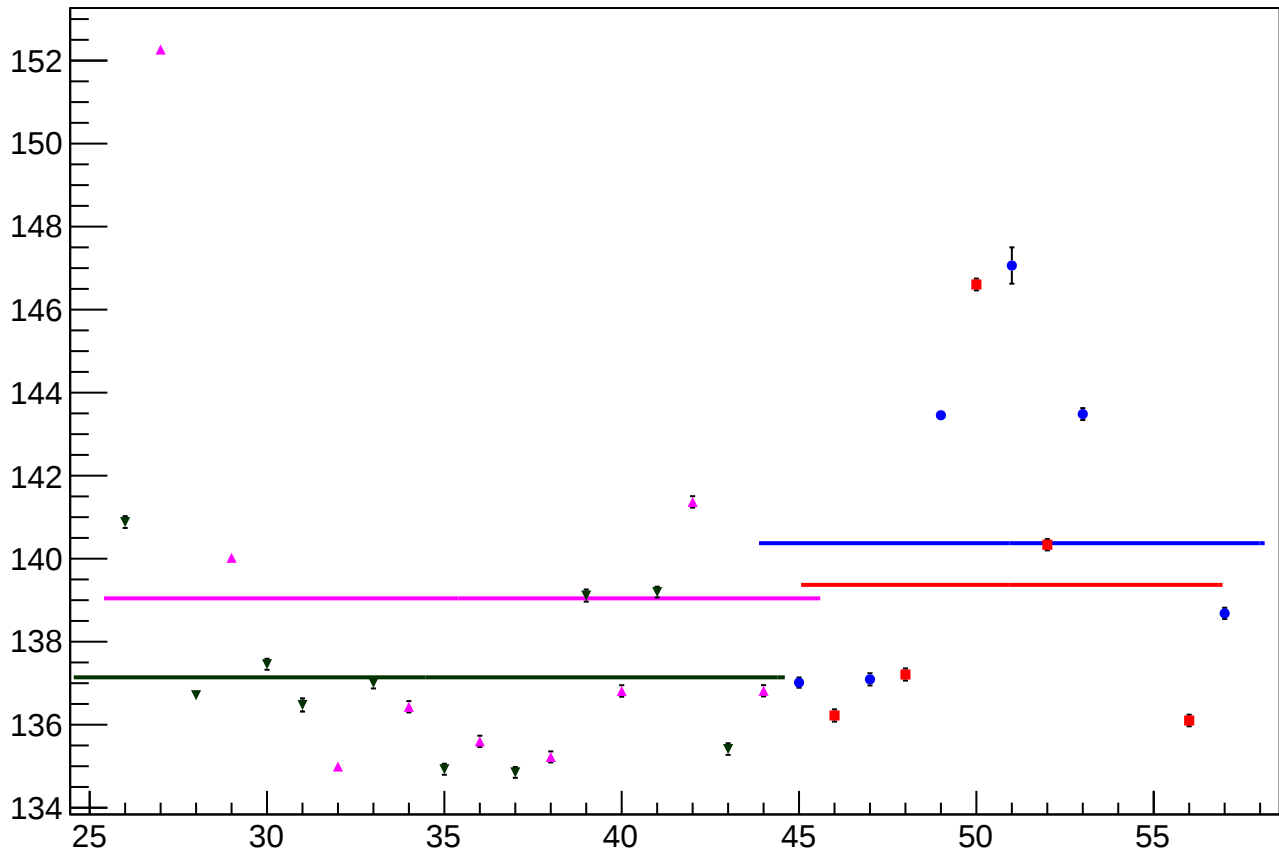
Right Out: -415.868 $\pm$ 89.837 χ^2 /NDF: 1.9/4

Left In: -464.347 $\pm$ 58.554 χ^2 /NDF:8.3/8

635.816 $\pm$ 48.064 χ^2 /NDF: 14.5/15

-449.893 $\pm$ 49.054 χ^2 /NDF: 10.4/13

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

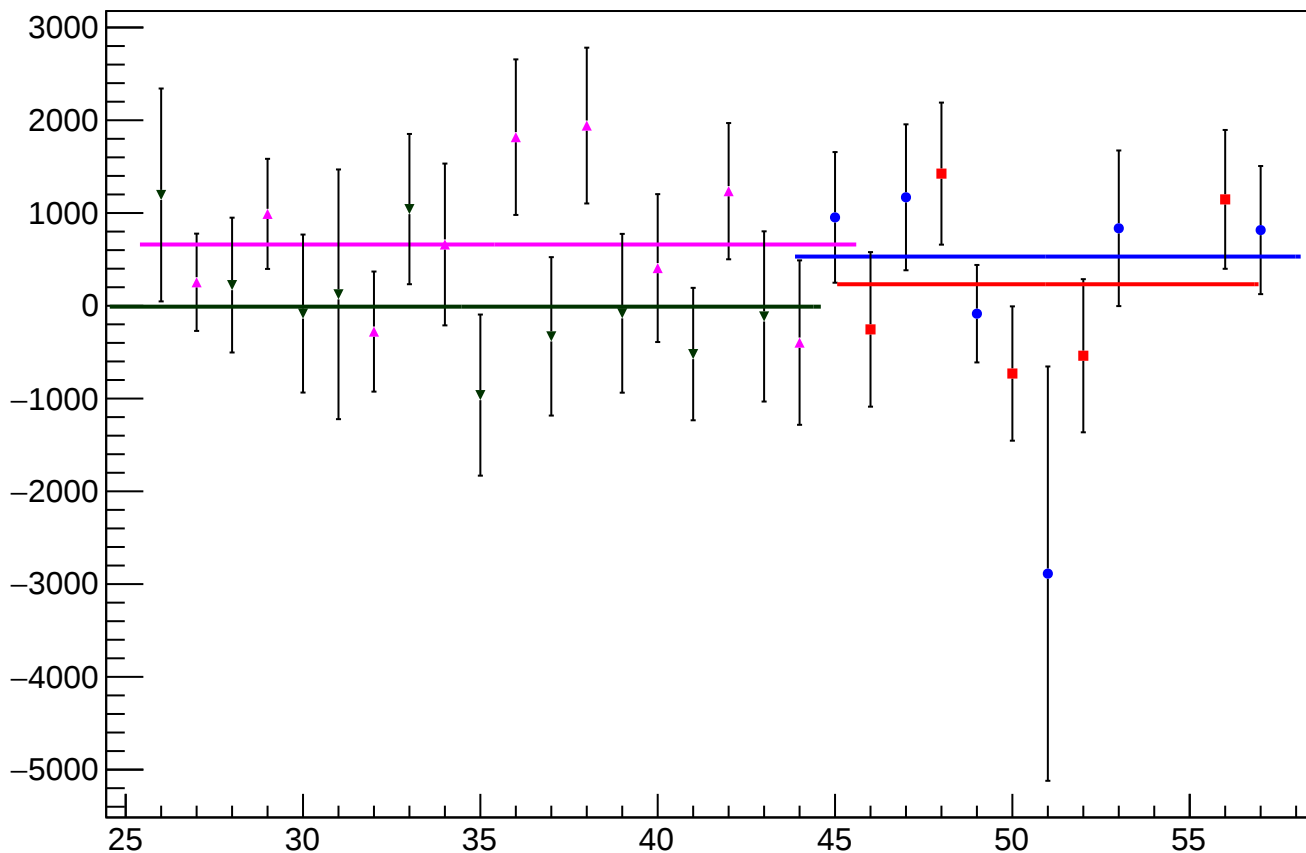
Right Out: 139.369 ± 0.064 χ^2/NDF : 3889.4/4

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

138.301 ± 0.034 χ^2/NDF : 6945.7/15

139.141 ± 0.035 χ^2/NDF : 21140.2/13

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

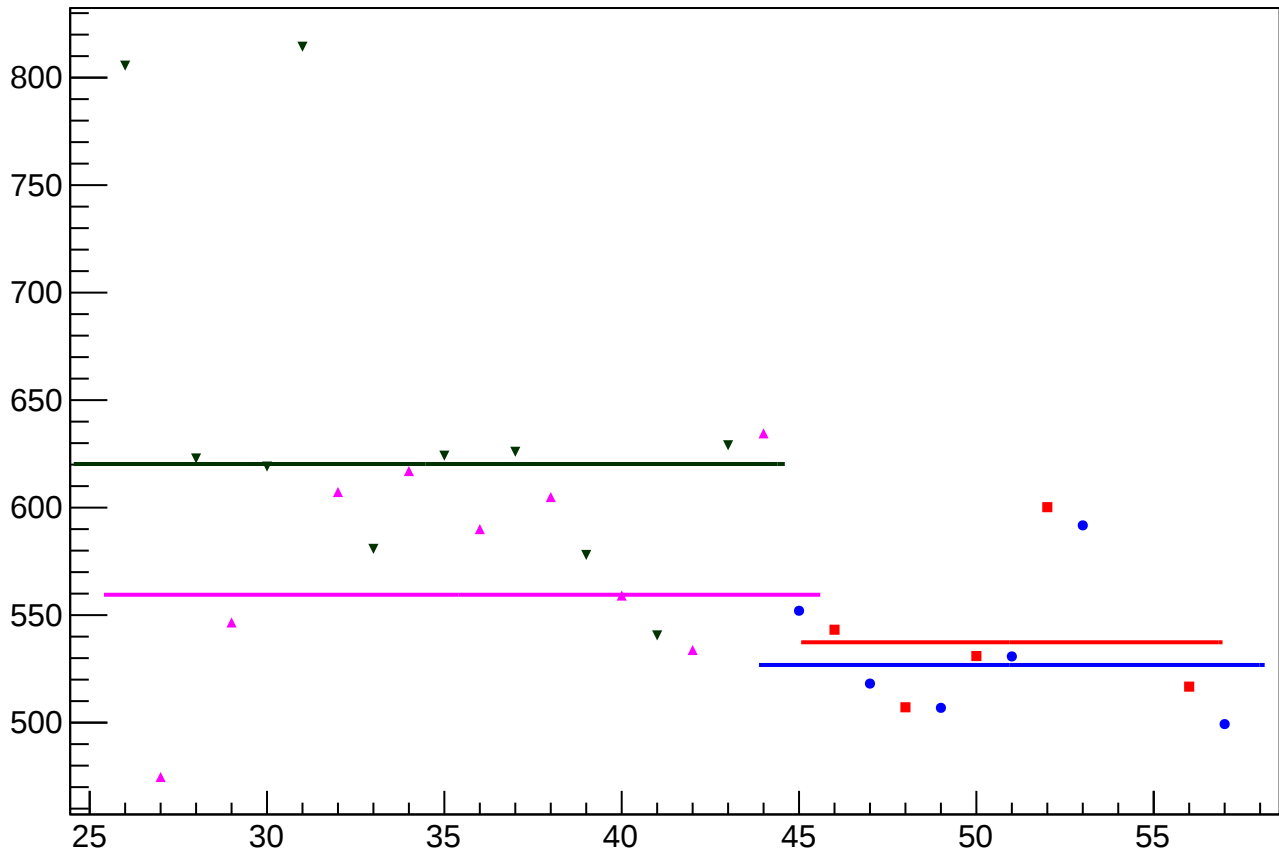
Right Out: 232.183 ± 346.937 χ^2/NDF : 6.9/4

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

234.542 ± 202.862 χ^2/NDF : 11.6/15

523.879 ± 196.011 χ^2/NDF : 17.3/13

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

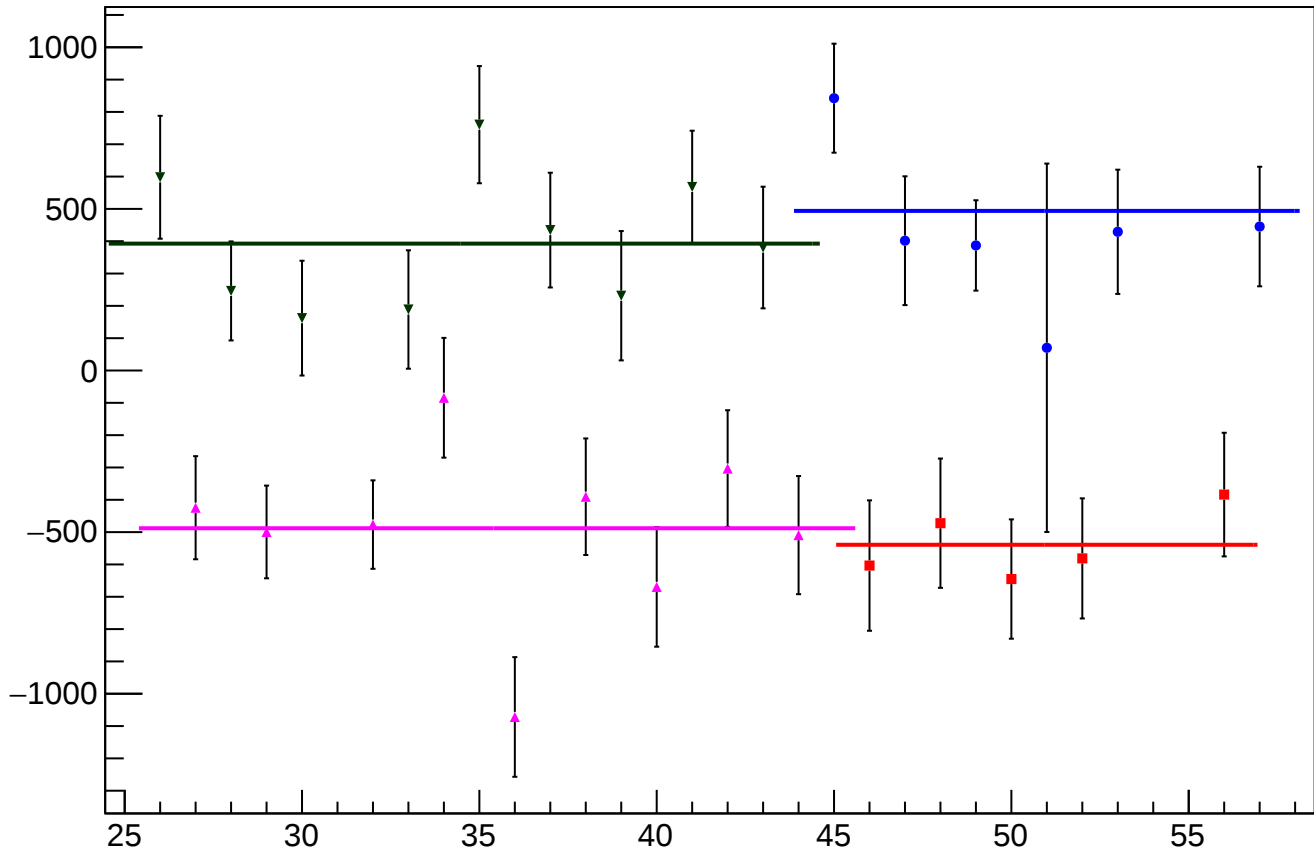
Right Out: 537.372 ± 0.245 χ^2/NDF : 16483.3/4

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

578.069 ± 0.143 χ^2/NDF : 254688.7/15

552.422 ± 0.139 χ^2/NDF : 120146.3/13

reg_asym_usr_mean vs slug



Right In: 493.814 ± 76.496 χ^2/NDF : 5.8/5

Left Out: 392.566 ± 59.735 χ^2/NDF : 10.8/8

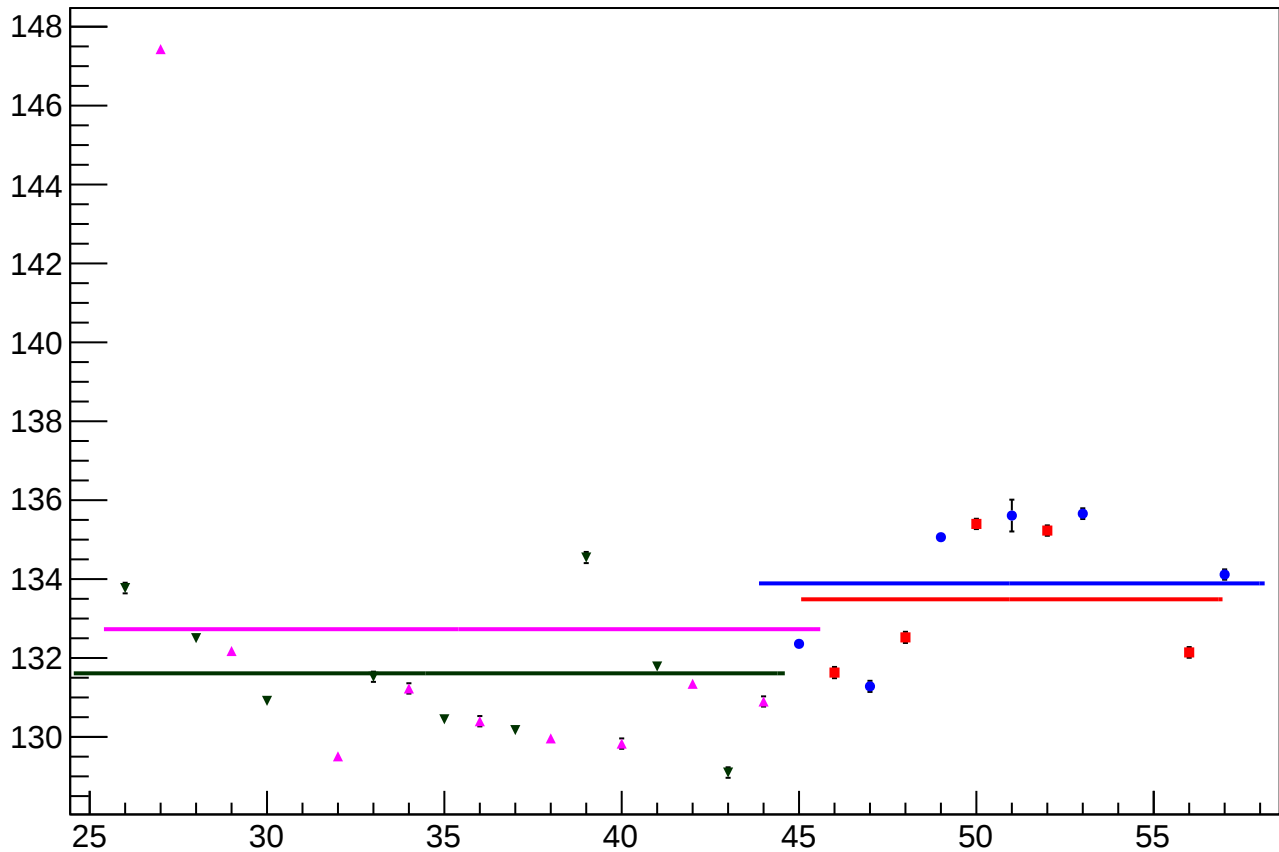
Right Out: -539.132 ± 85.995 χ^2/NDF : 1.3/4

Left In: -487.989 ± 55.878 χ^2/NDF : 17.2/8

430.919 ± 47.081 χ^2/NDF : 17.7/14

-503.172 ± 46.855 χ^2/NDF : 18.7/13

reg_asym_usr_rms vs slug



Right In: 133.891 ± 0.054 $\chi^2/\text{NDF}: 838.9/5$

Left Out: 131.612 ± 0.042 $\chi^2/\text{NDF}: 1361.4/8$

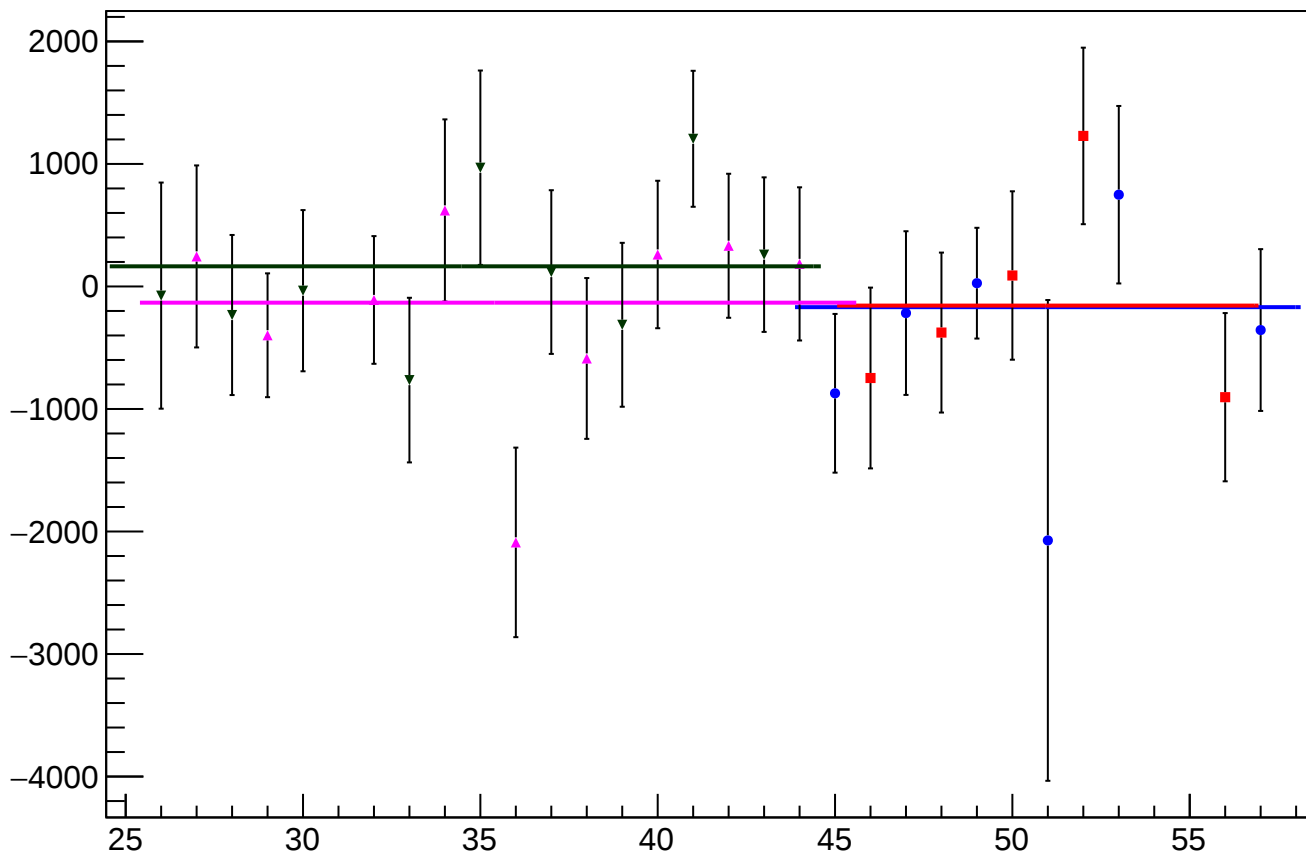
Right Out: 133.488 ± 0.061 $\chi^2/\text{NDF}: 705.2/4$

Left In: 132.730 ± 0.040 $\chi^2/\text{NDF}: 19860.4/8$

132.475 ± 0.033 $\chi^2/\text{NDF}: 3303.3/14$

132.955 ± 0.033 $\chi^2/\text{NDF}: 20674.7/13$

asym_usr_correction_mean vs slug



Right In: -168.924 ± 267.459 $\chi^2/\text{NDF}: 4.0/5$

Left Out: 164.304 ± 224.343 $\chi^2/\text{NDF}: 7.5/8$

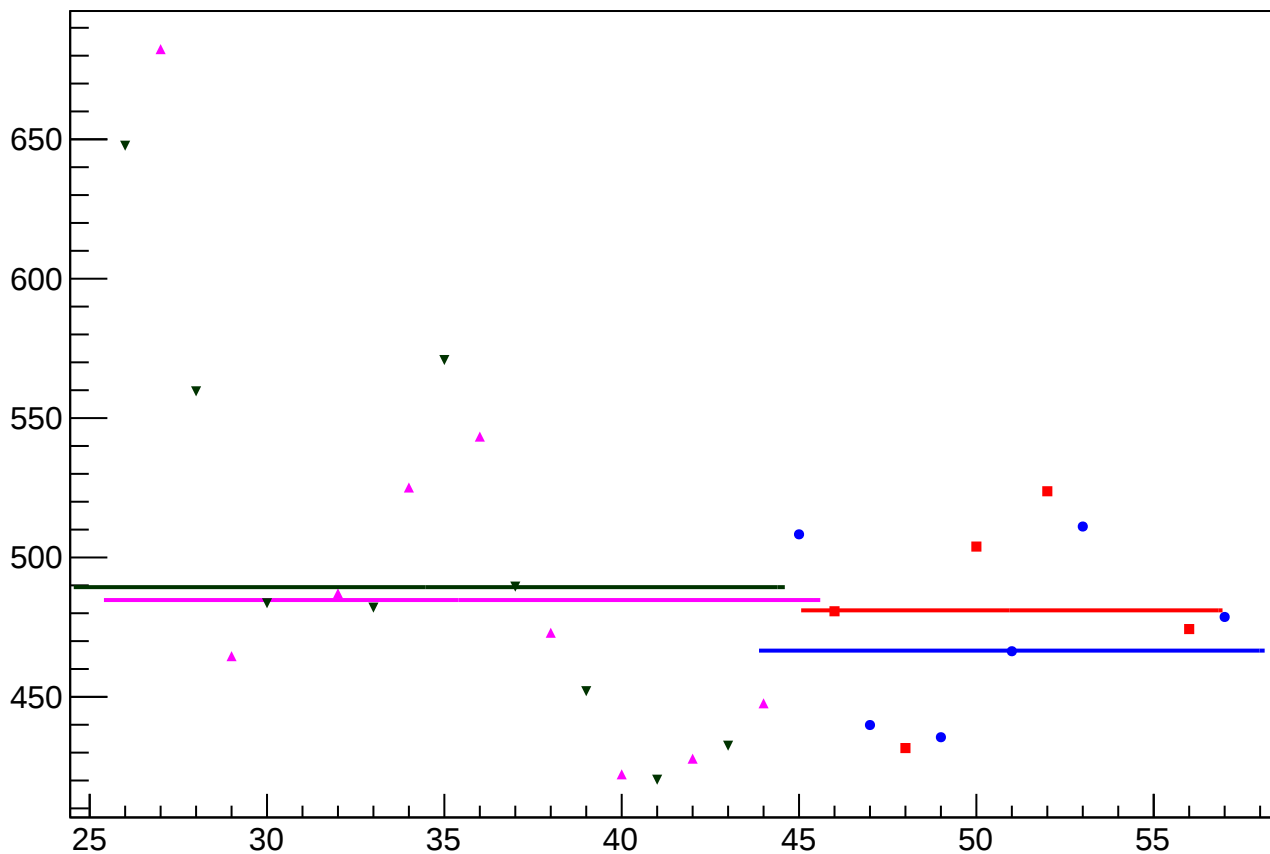
Right Out: -156.147 ± 310.856 $\chi^2/\text{NDF}: 5.8/4$

Left In: -132.313 ± 206.592 $\chi^2/\text{NDF}: 9.7/8$

26.680 ± 171.883 $\chi^2/\text{NDF}: 12.4/14$

-139.615 ± 172.060 $\chi^2/\text{NDF}: 15.5/13$

asym_usr_correction_rms vs slug



Right In: 466.593 $\pm$ 0.189 χ^2 /NDF: 29157.7/5

Left Out: 489.361 $\pm$ 0.159 χ^2 /NDF:156953.9/8

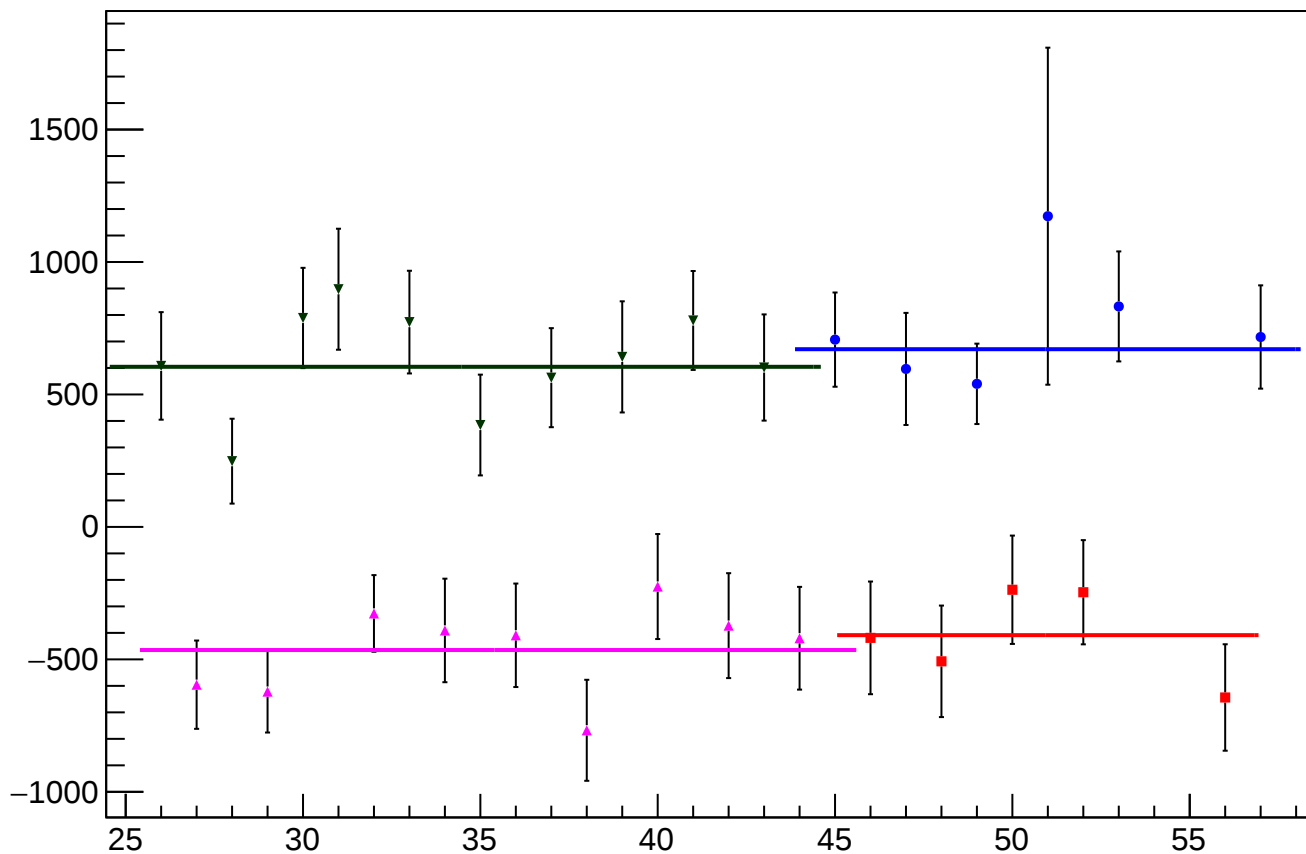
Right Out: 481.034 $\pm$ 0.220 χ^2 /NDF: 20892.6/4

Left In: 484.733 $\pm$ 0.146 χ^2 /NDF:210159.4/8

479.958 $\pm$ 0.122 χ^2 /NDF: 194619.4/14

483.600 $\pm$ 0.122 χ^2 /NDF: 231248.4/13

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

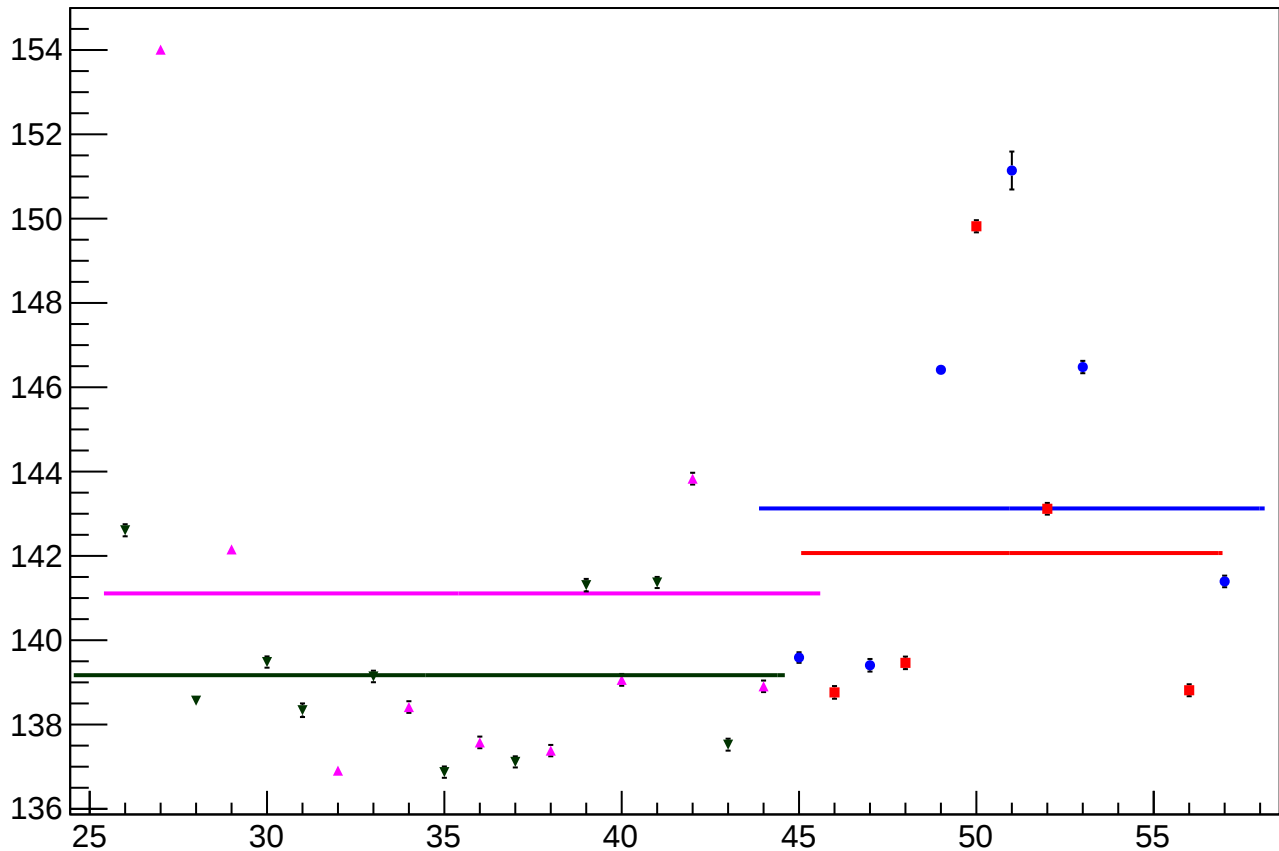
Right Out: -408.557+/-91.586 χ^2/NDF : 3.0/4

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

628.103+/-48.861 χ^2/NDF : 13.2/15

-448.049+/-49.853 χ^2/NDF : 10.3/13

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

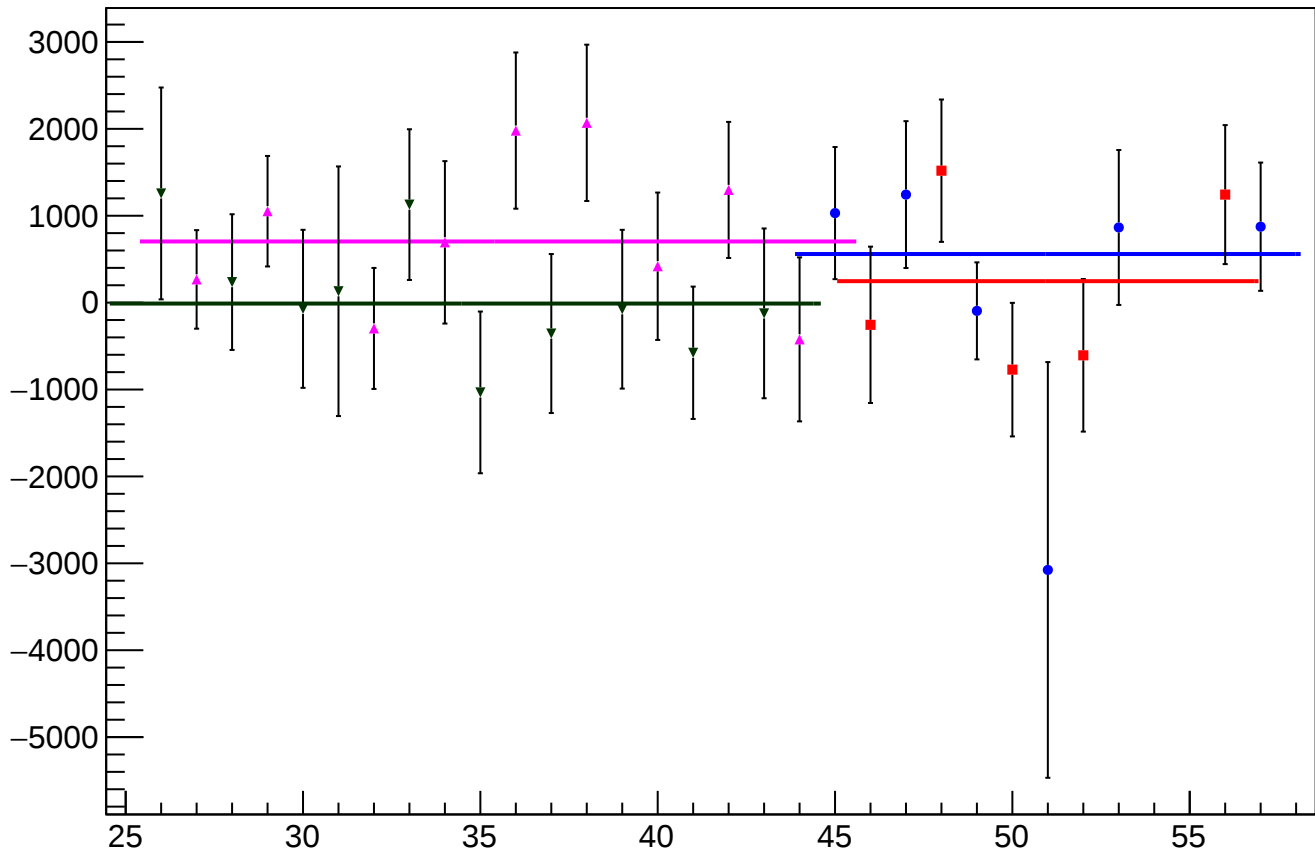
Right Out: 142.068+/-0.065 χ^2/NDF : 4244.5/4

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

140.581+/-0.035 χ^2/NDF : 8141.1/15

141.394+/-0.035 χ^2/NDF : 20807.4/13

asym_dsl_correction_mean vs slug



Right In: 559.422 $\pm$ 322.615 χ^2 /NDF: 5.0/5

Left Out: -10.463 $\pm$ 292.895 χ^2 /NDF: 4.8/9

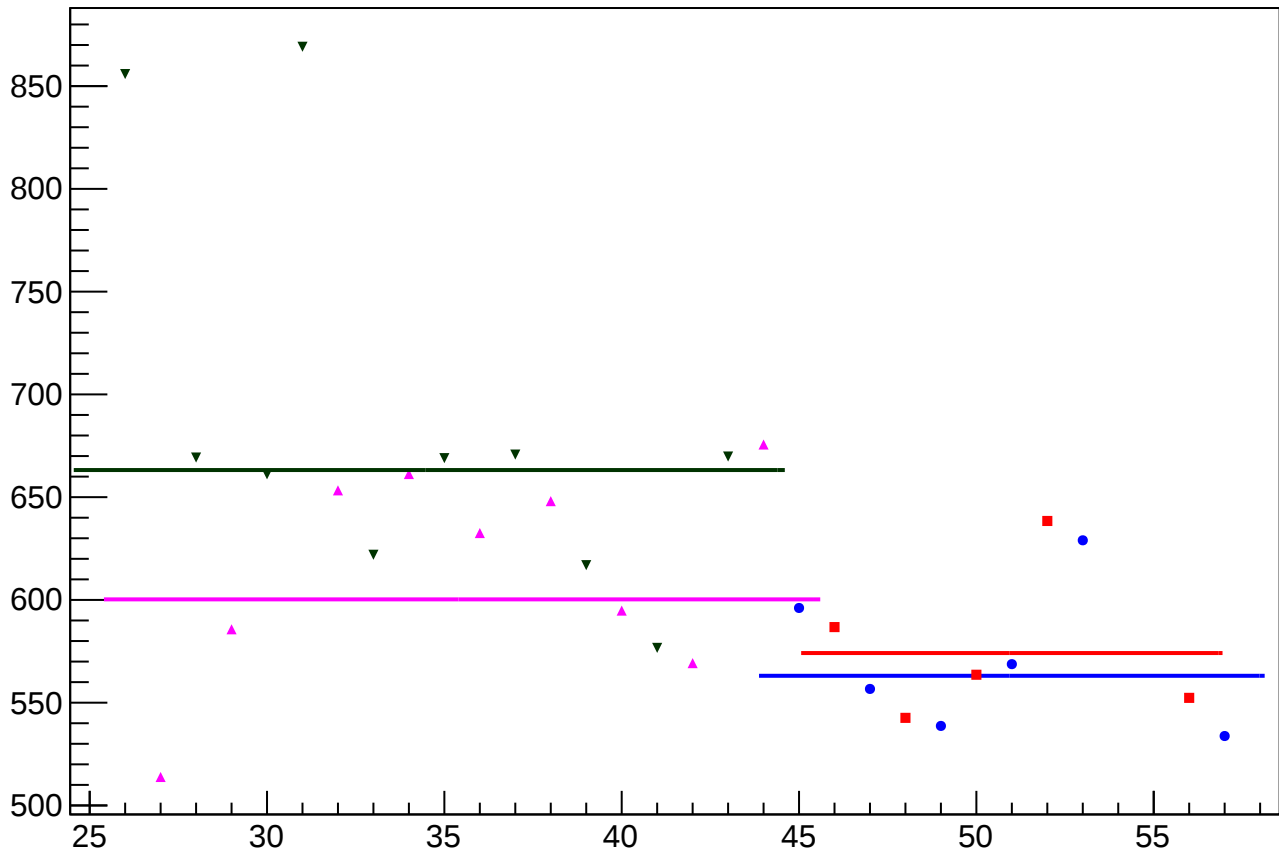
Right Out: 247.173 $\pm$ 370.654 χ^2 /NDF: 7.0/4

Left In: 703.901 $\pm$ 254.767 χ^2 /NDF: 9.4/8

247.027 $\pm$ 216.856 χ^2 /NDF: 11.6/15

557.357 $\pm$ 209.954 χ^2 /NDF: 17.4/13

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

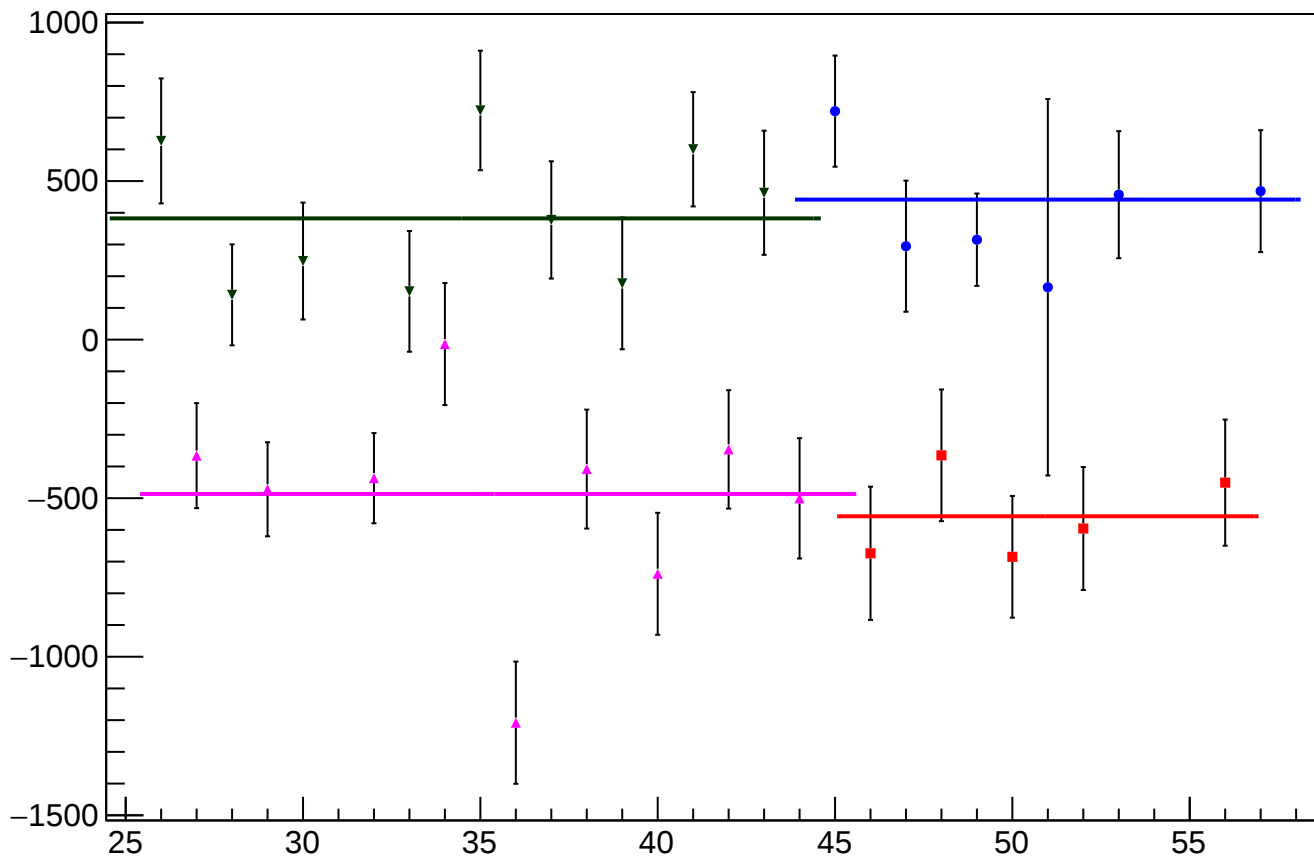
Right Out: 574.154 ± 0.262 χ^2/NDF : 15933.5/4

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

617.965 ± 0.153 χ^2/NDF : 254356.9/15

591.889 ± 0.148 χ^2/NDF : 114485.1/13

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

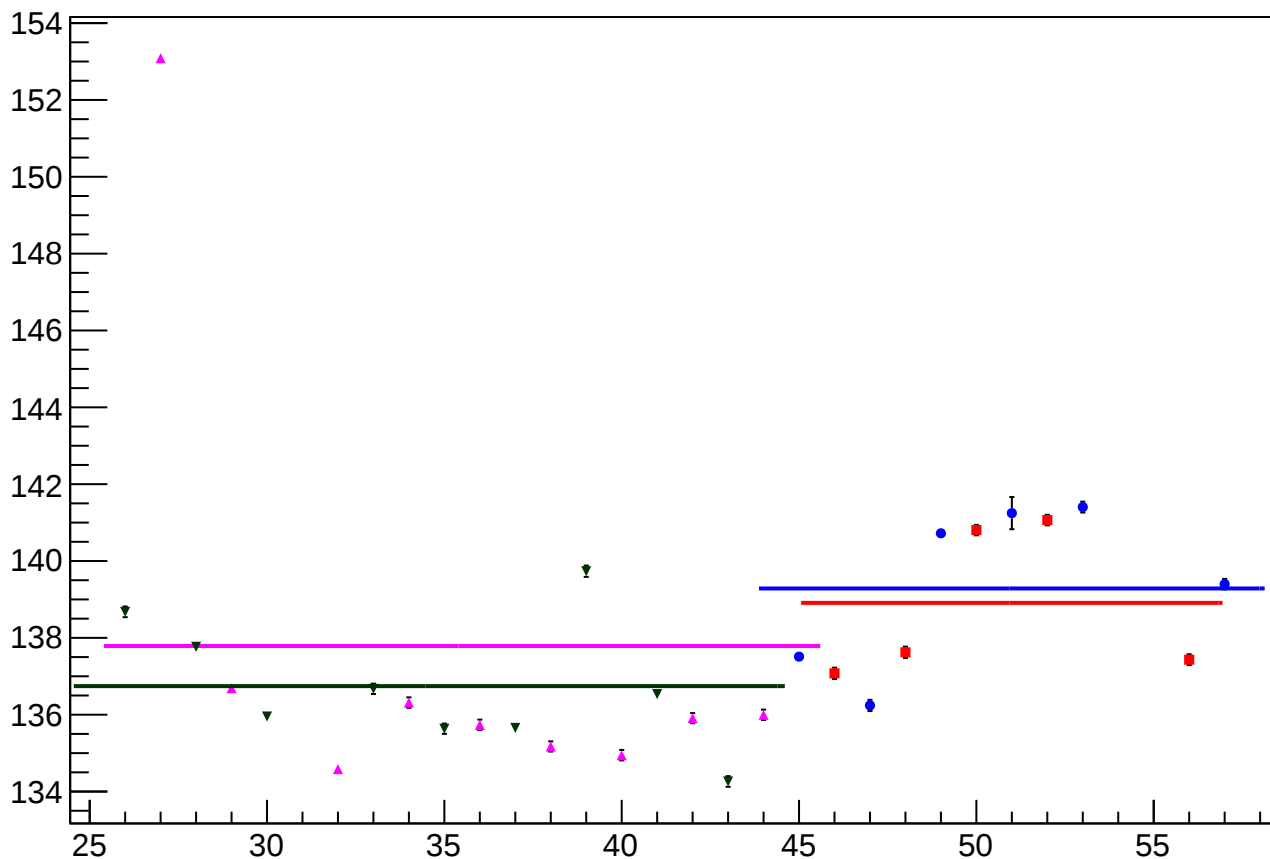
Right Out: -557.133 $\pm$ 89.491 χ^2 /NDF: 1.9/4

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

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

-507.653 $\pm$ 48.676 χ^2 /NDF: 25.5/13

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

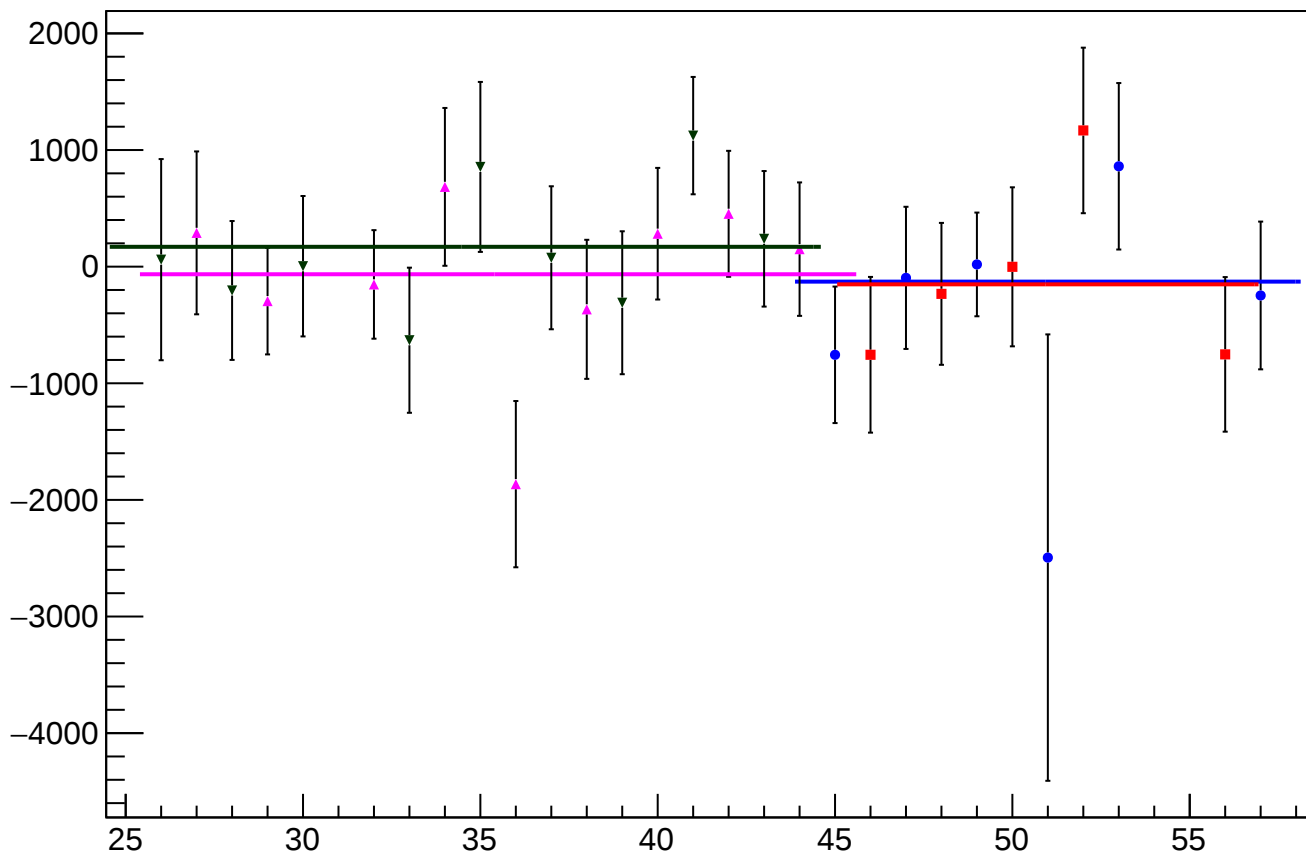
Right Out: 138.911 ± 0.063 χ^2/NDF : 781.7/4

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

137.705 ± 0.035 χ^2/NDF : 3536.6/14

138.120 ± 0.034 χ^2/NDF : 20750.9/13

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

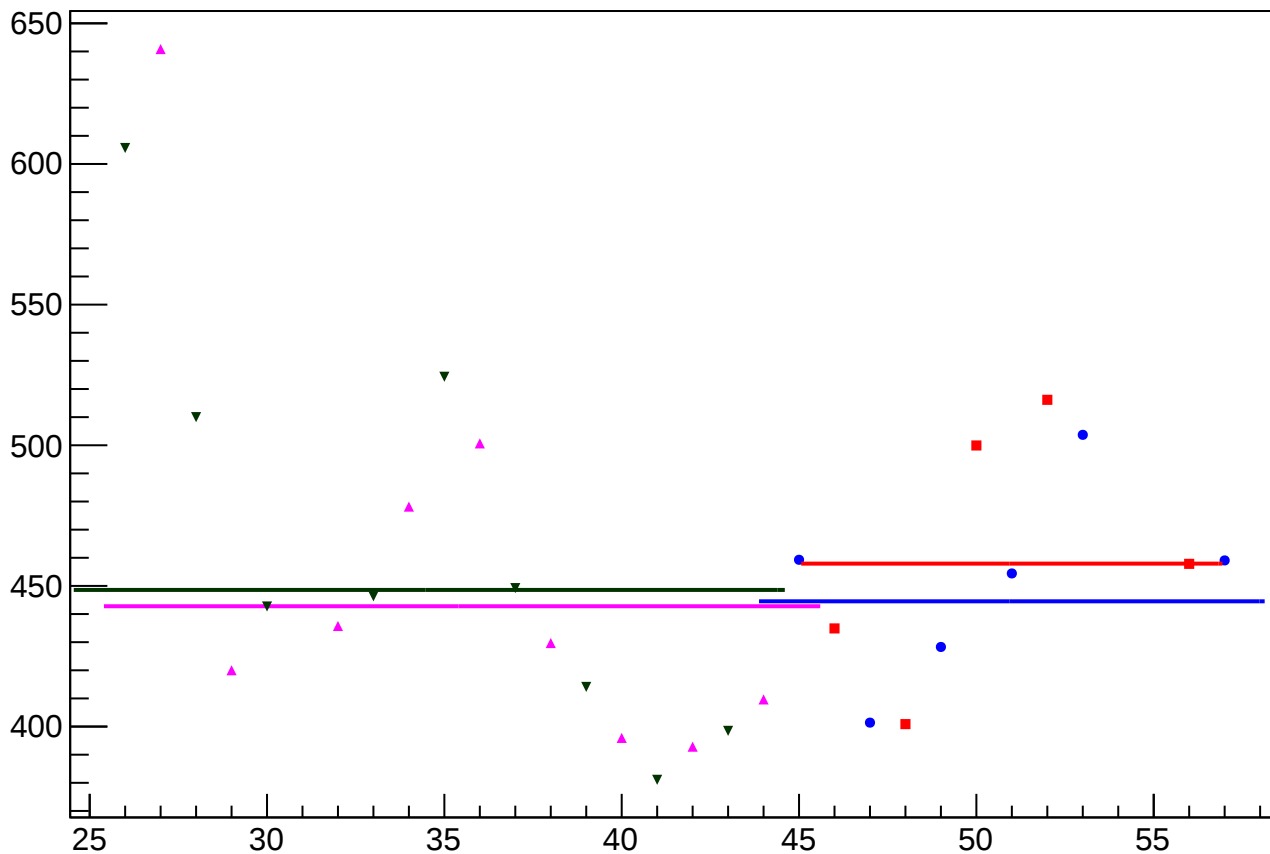
Right Out: -151.631 ± 296.726 χ^2/NDF : 5.2/4

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

52.324 ± 160.079 χ^2/NDF : 12.8/14

-90.073 ± 159.312 χ^2/NDF : 15.1/13

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

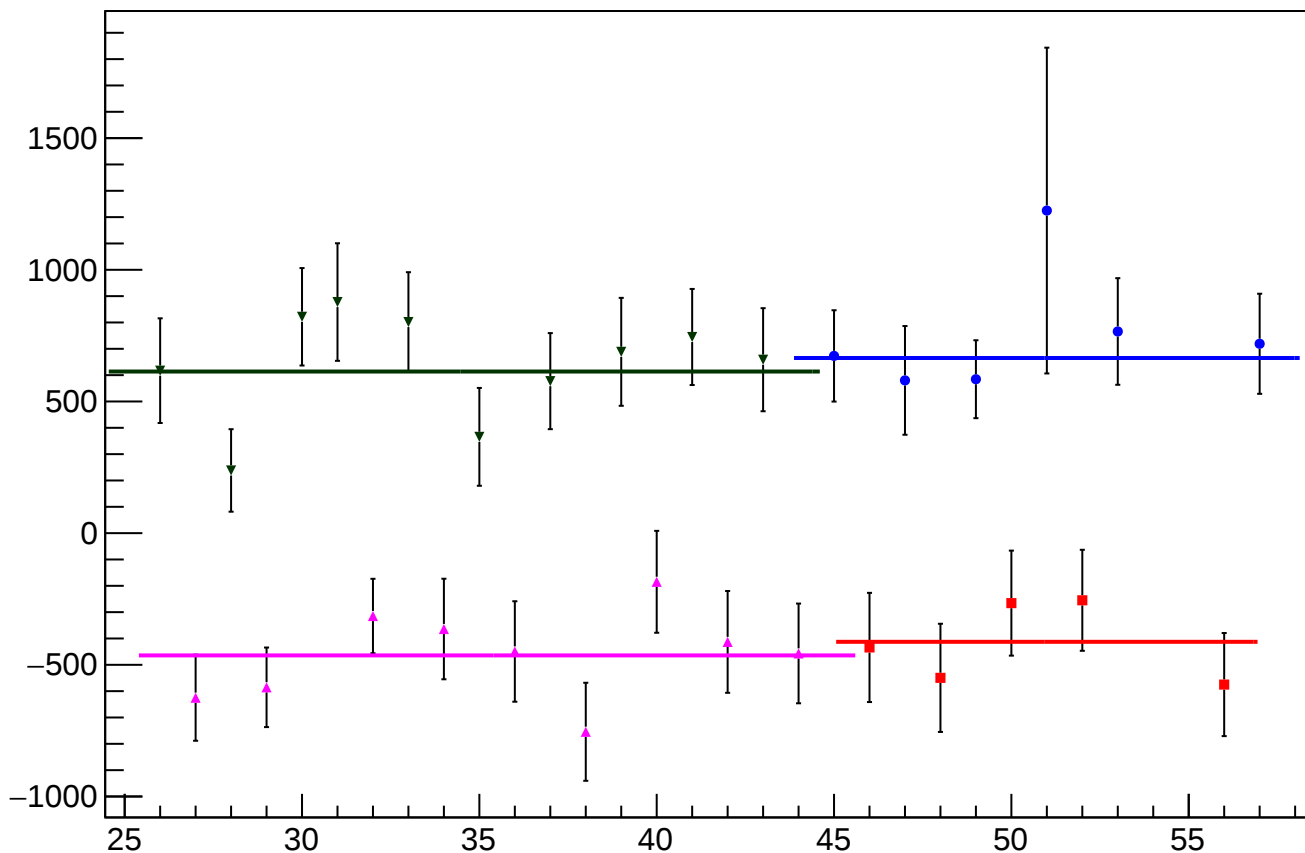
Right Out: 457.925+/-0.210 χ^2/NDF : 41023.3/4

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

446.977+/-0.113 χ^2/NDF : 195801.1/14

447.141+/-0.113 χ^2/NDF : 268241.0/13

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 $\chi^2/\text{NDF}: 11.9/9$

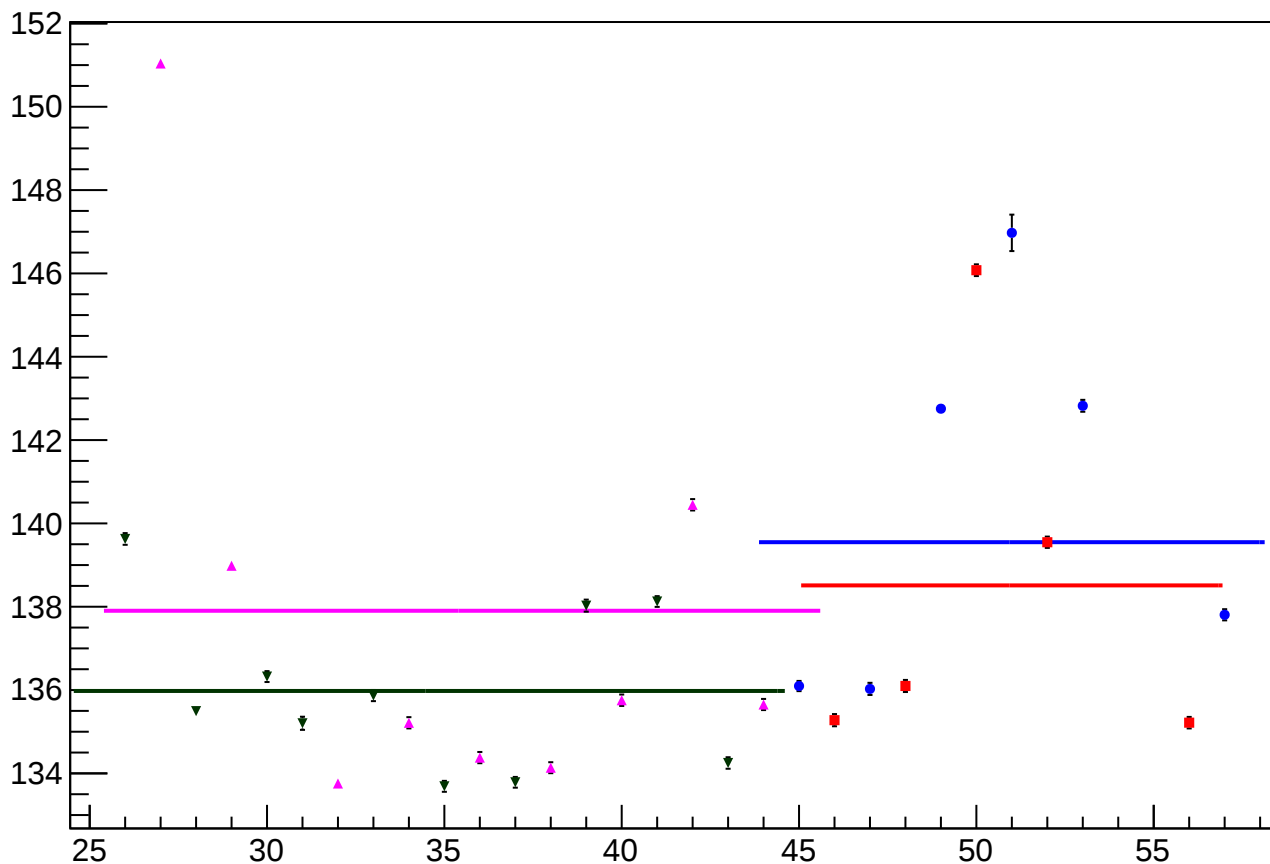
Right Out: -412.628 ± 89.293 $\chi^2/\text{NDF}: 2.4/4$

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

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

-448.900 ± 48.687 $\chi^2/\text{NDF}: 10.2/13$

reg_asym_left_avg_rms vs slug



Right In: 139.549 $\pm$ 0.056 χ^2 /NDF: 3292.2/5

Left Out: 135.978 $\pm$ 0.042 χ^2 /NDF:1950.2/9

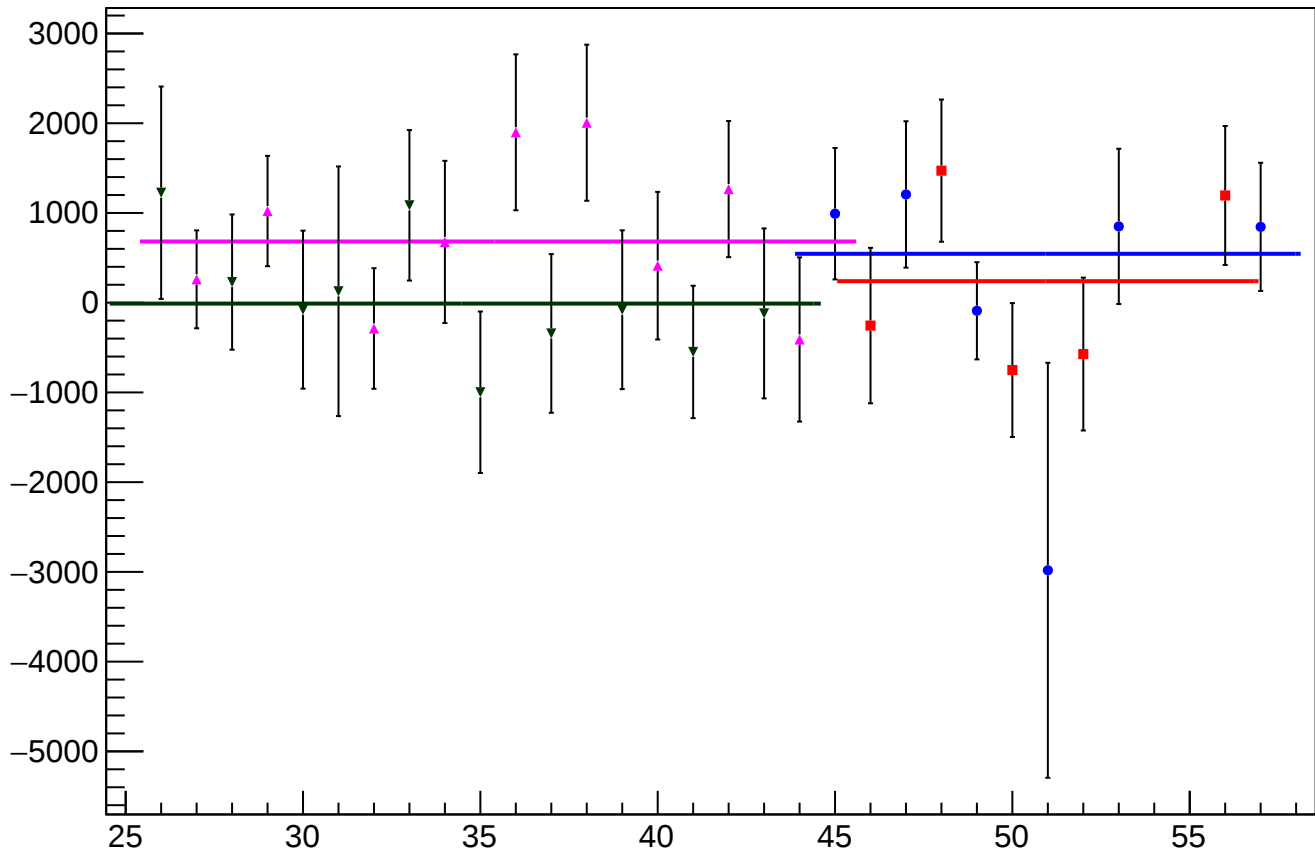
Right Out: 138.512 $\pm$ 0.063 χ^2 /NDF: 4267.6/4

Left In: 137.903 $\pm$ 0.041 χ^2 /NDF:17511.1/8

137.255 $\pm$ 0.034 χ^2 /NDF: 7816.5/15

138.084 $\pm$ 0.034 χ^2 /NDF: 21844.0/13

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

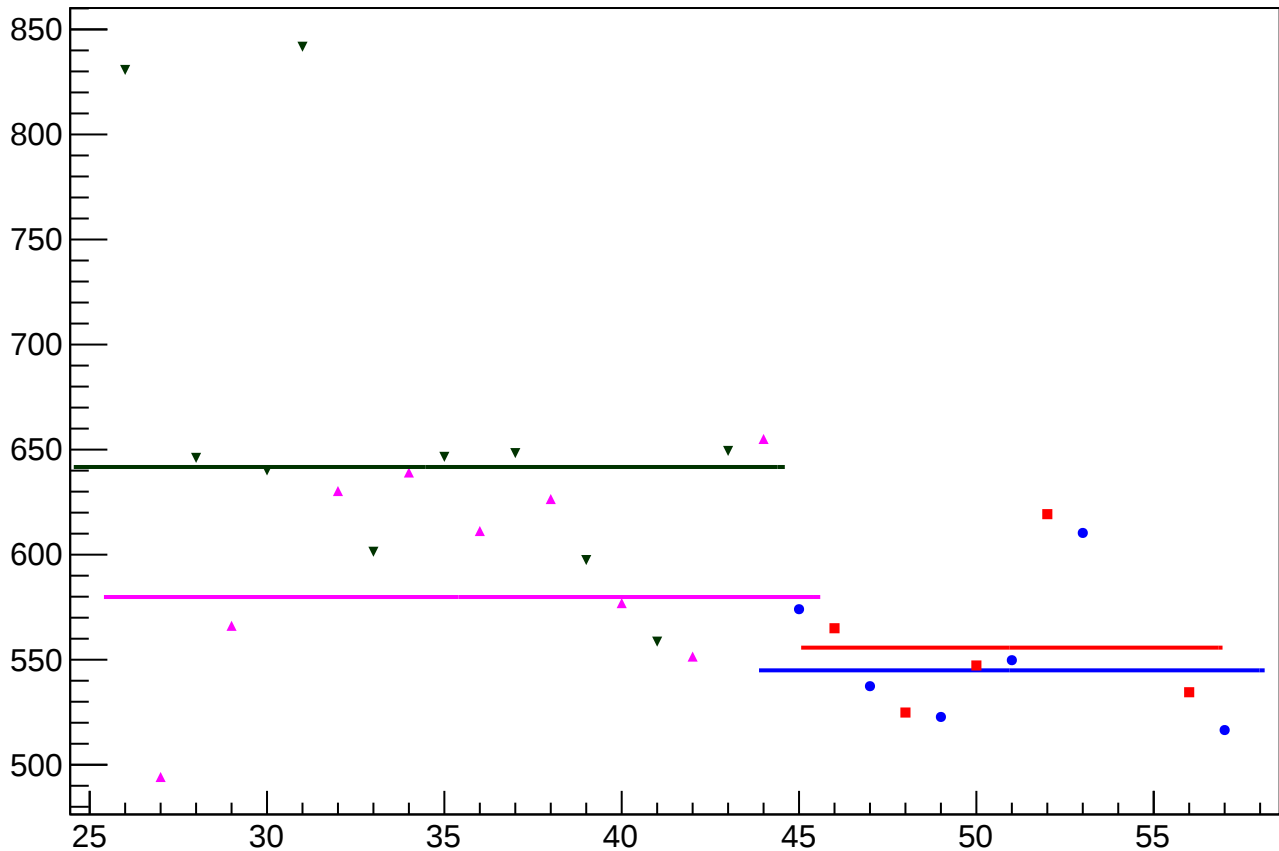
Right Out: 239.710 ± 358.783 χ^2/NDF : 6.9/4

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

240.796 ± 209.853 χ^2/NDF : 11.6/15

540.620 ± 202.974 χ^2/NDF : 17.4/13

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

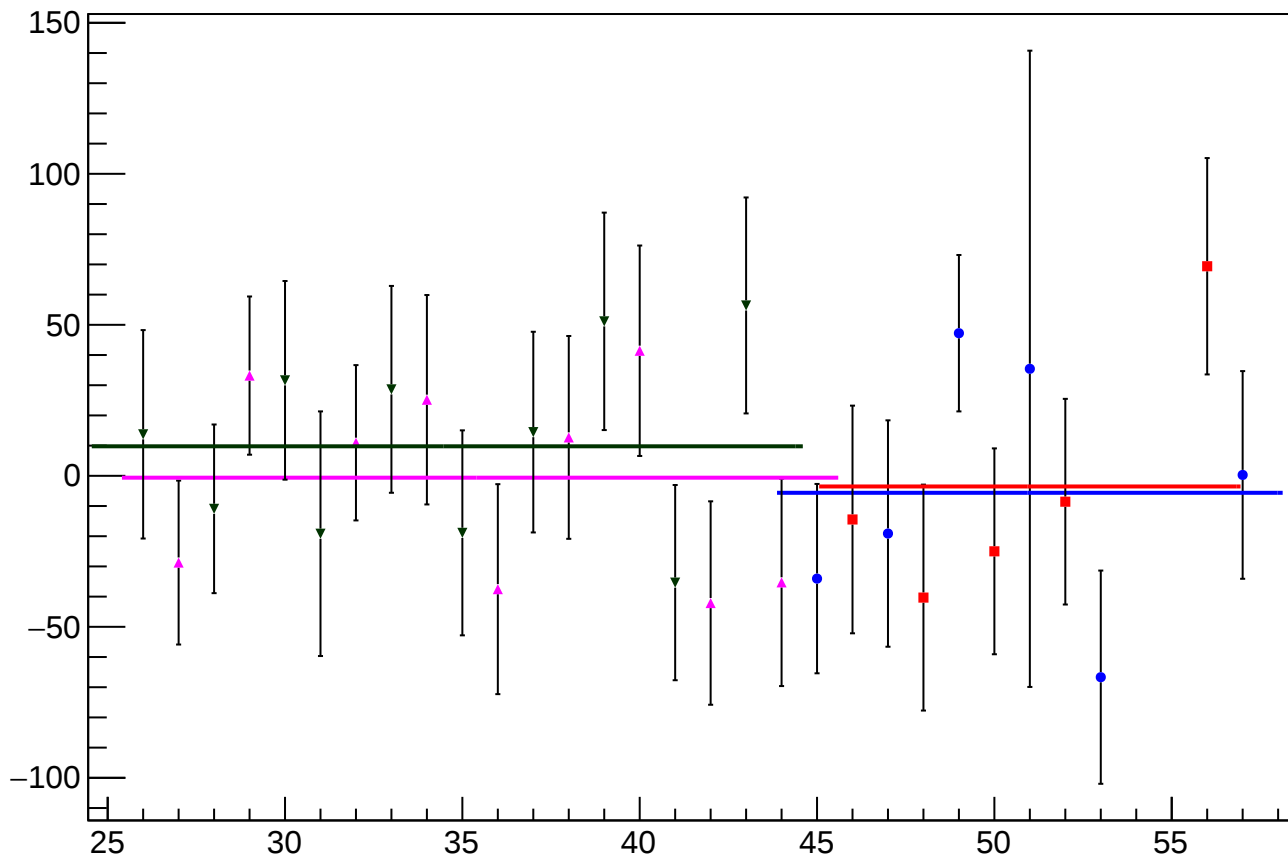
598.001+/-0.148 χ^2/NDF : 254459.9/15

Right Out: 555.746+/-0.254 χ^2/NDF : 16158.4/4

572.131+/-0.144 χ^2/NDF : 117175.1/13

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

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

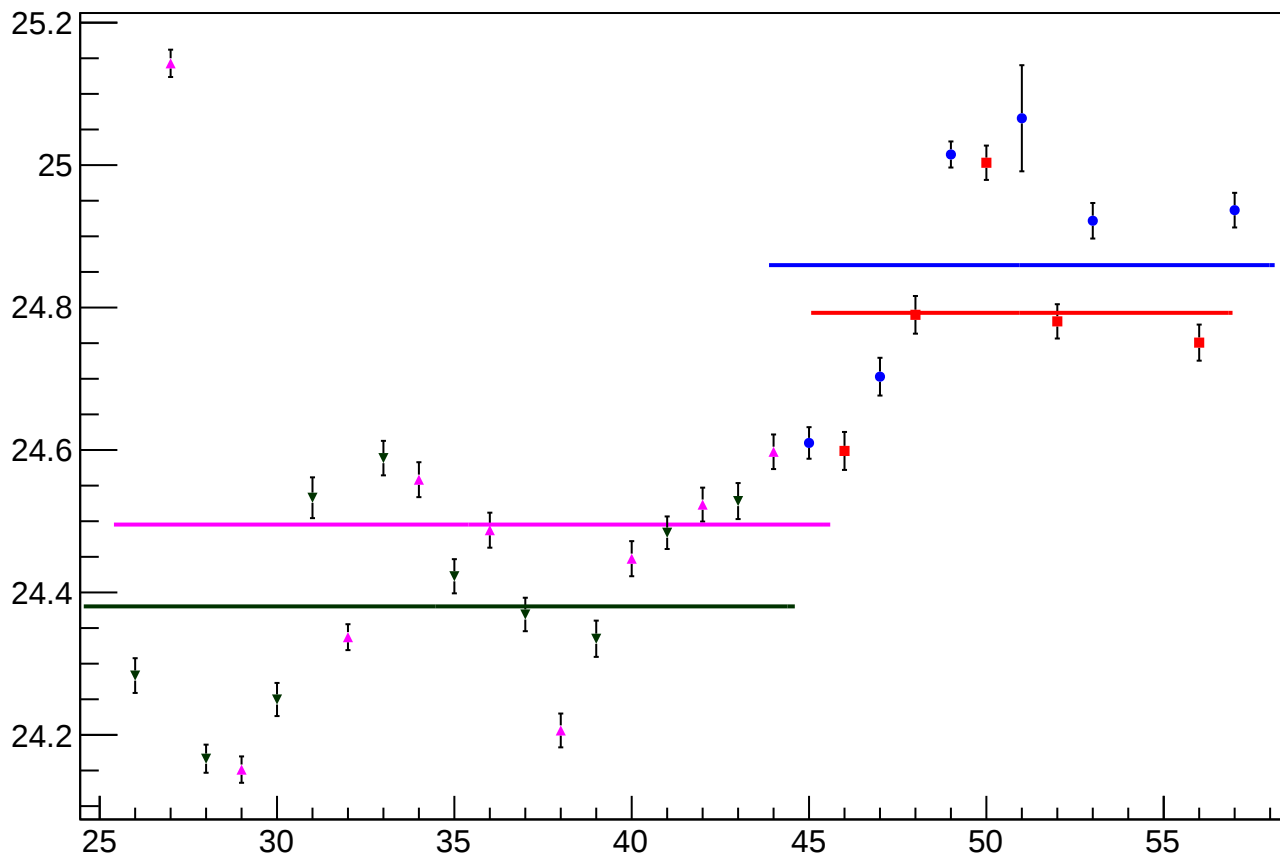
Right Out: -3.526 ± 15.970 χ^2/NDF : 5.6/4

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

4.222 ± 8.527 χ^2/NDF : 16.6/15

-1.472 ± 8.656 χ^2/NDF : 14.4/13

reg_asym_left_dd_rms vs slug



Right In: 24.860 $\pm$ 0.010 χ^2 /NDF: 257.7/5

Left Out: 24.380 $\pm$ 0.008 χ^2 /NDF:328.2/9

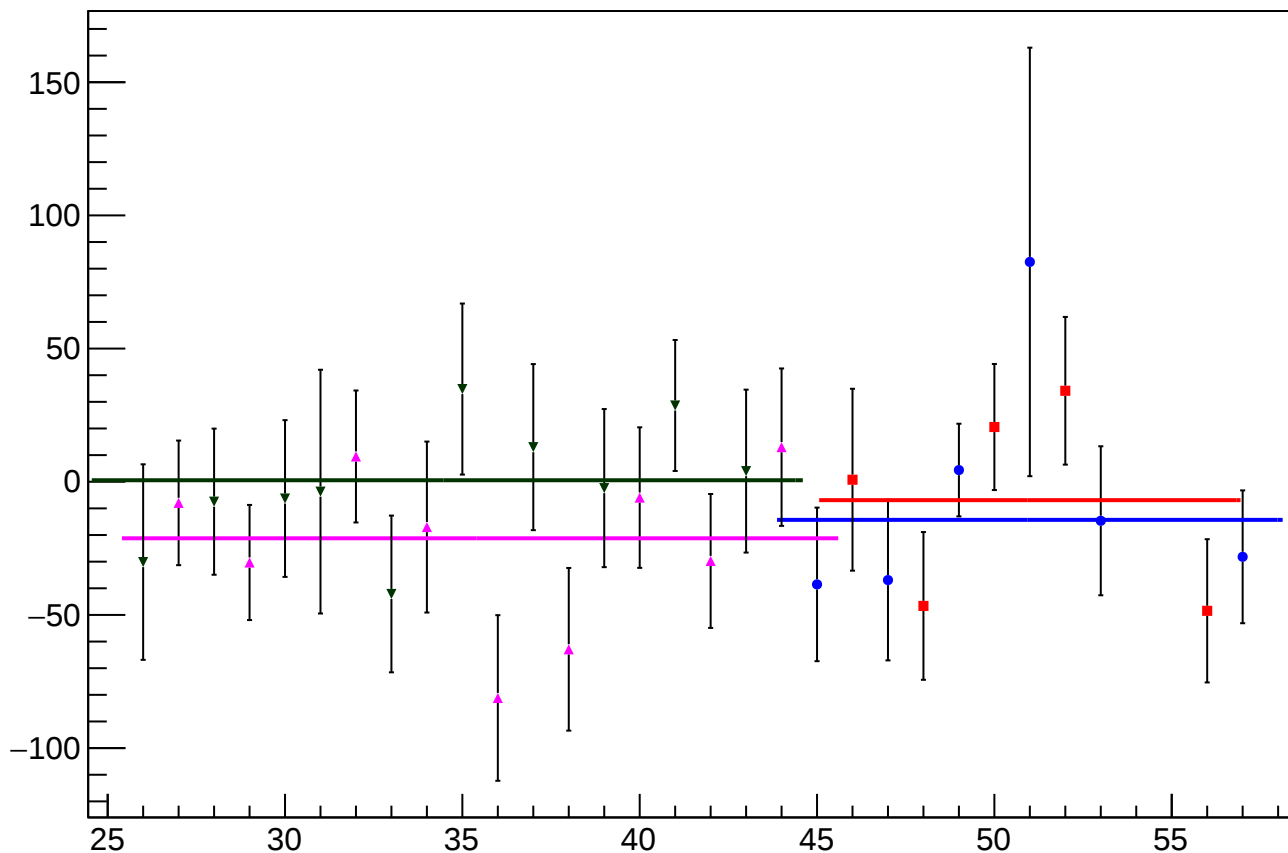
Right Out: 24.793 $\pm$ 0.011 χ^2 /NDF: 132.3/4

Left In: 24.495 $\pm$ 0.007 χ^2 /NDF:1736.8/8

24.553 $\pm$ 0.006 χ^2 /NDF: 2041.9/15

24.583 $\pm$ 0.006 χ^2 /NDF: 2358.6/13

asym_left_dd_correction_mean vs slug



Right In: -14.307 ± 10.752 $\chi^2/\text{NDF}: 4.2/5$

Left Out: 0.565 ± 9.660 $\chi^2/\text{NDF}: 5.6/9$

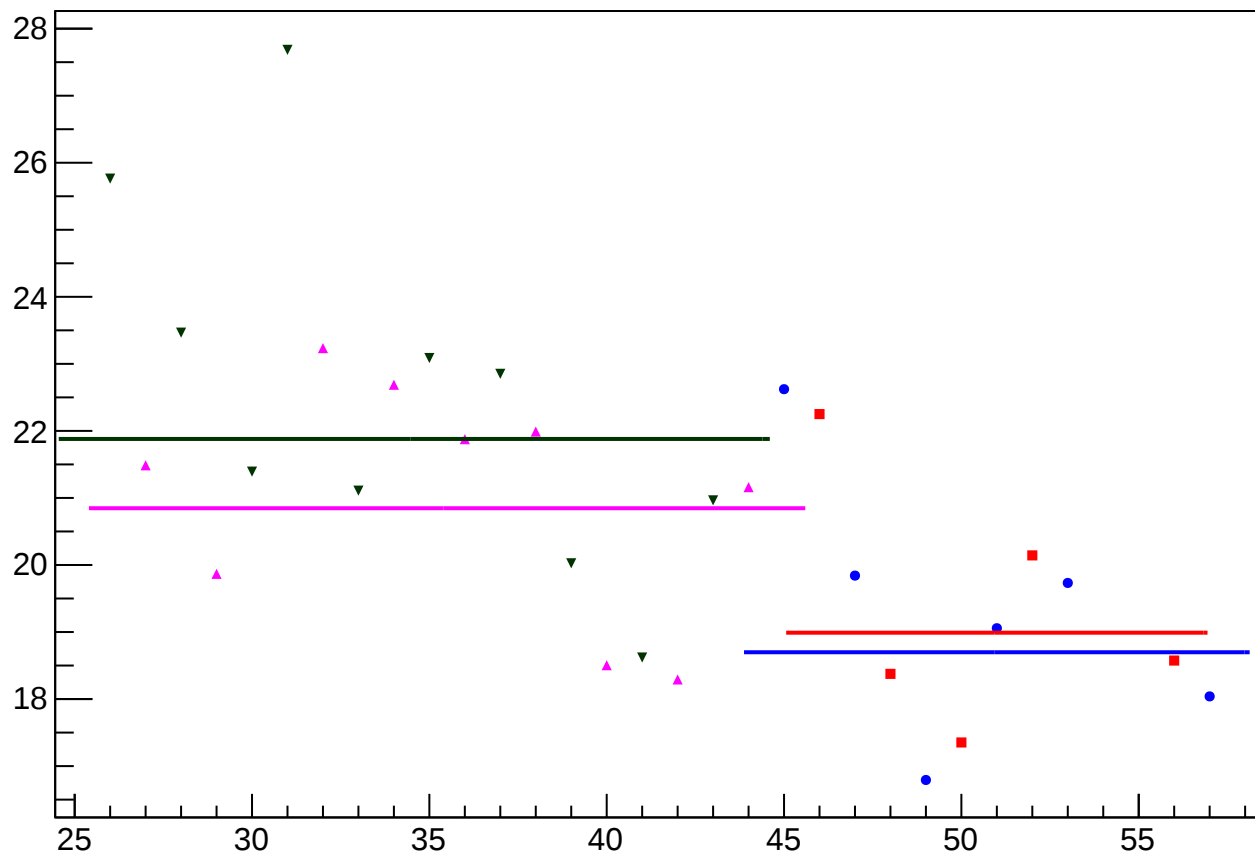
Right Out: -6.912 ± 12.284 $\chi^2/\text{NDF}: 8.0/4$

Left In: -21.229 ± 8.825 $\chi^2/\text{NDF}: 9.4/8$

-6.078 ± 7.186 $\chi^2/\text{NDF}: 10.8/15$

-16.355 ± 7.167 $\chi^2/\text{NDF}: 18.3/13$

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

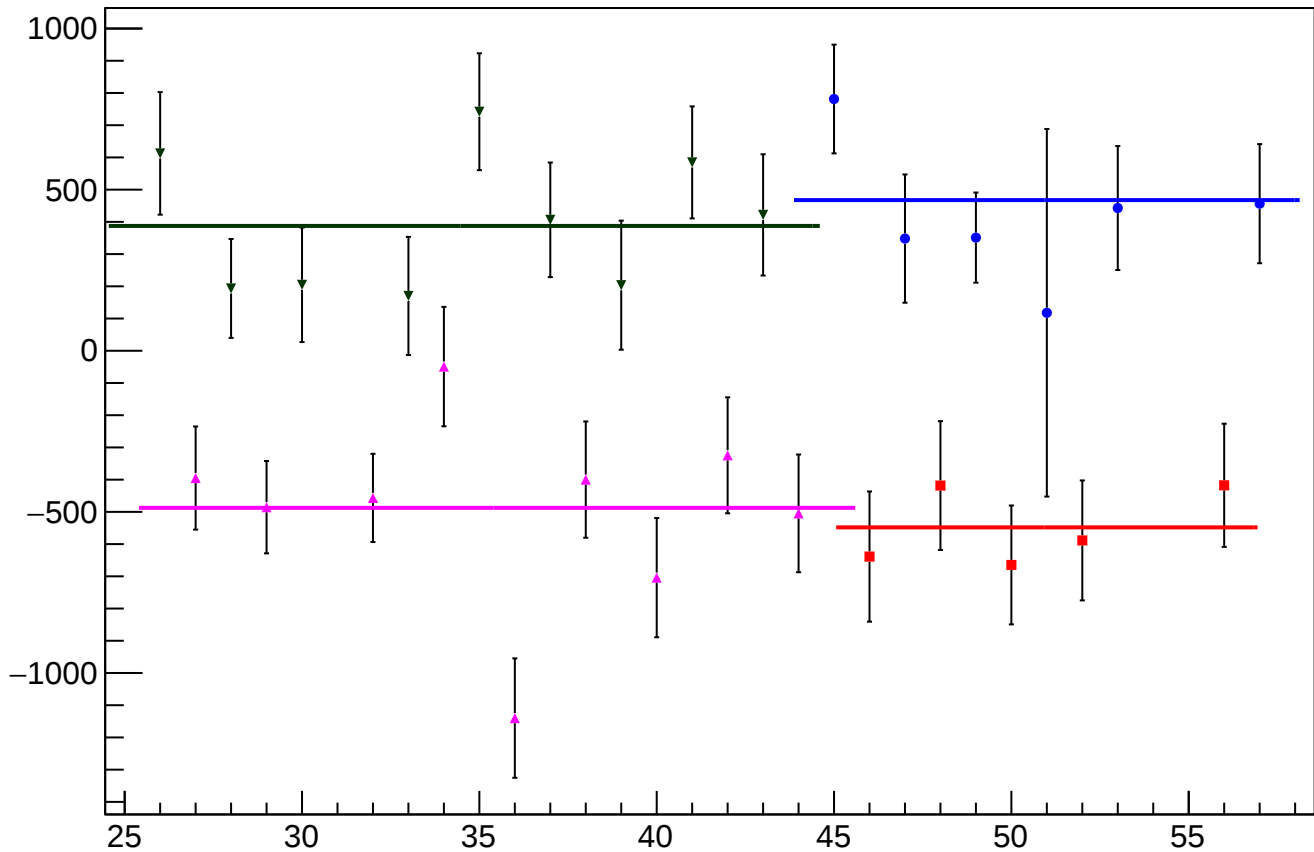
Right Out: 18.990 ± 0.009 χ^2/NDF : 32736.5/4

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

20.459 ± 0.005 χ^2/NDF : 277726.0/15

20.215 ± 0.005 χ^2/NDF : 135274.3/13

reg_asym_right_avg_mean vs slug



Right In: 467.548 ± 76.516 $\chi^2/\text{NDF}: 4.9/5$

Left Out: 387.415 ± 59.778 $\chi^2/\text{NDF}: 11.5/8$

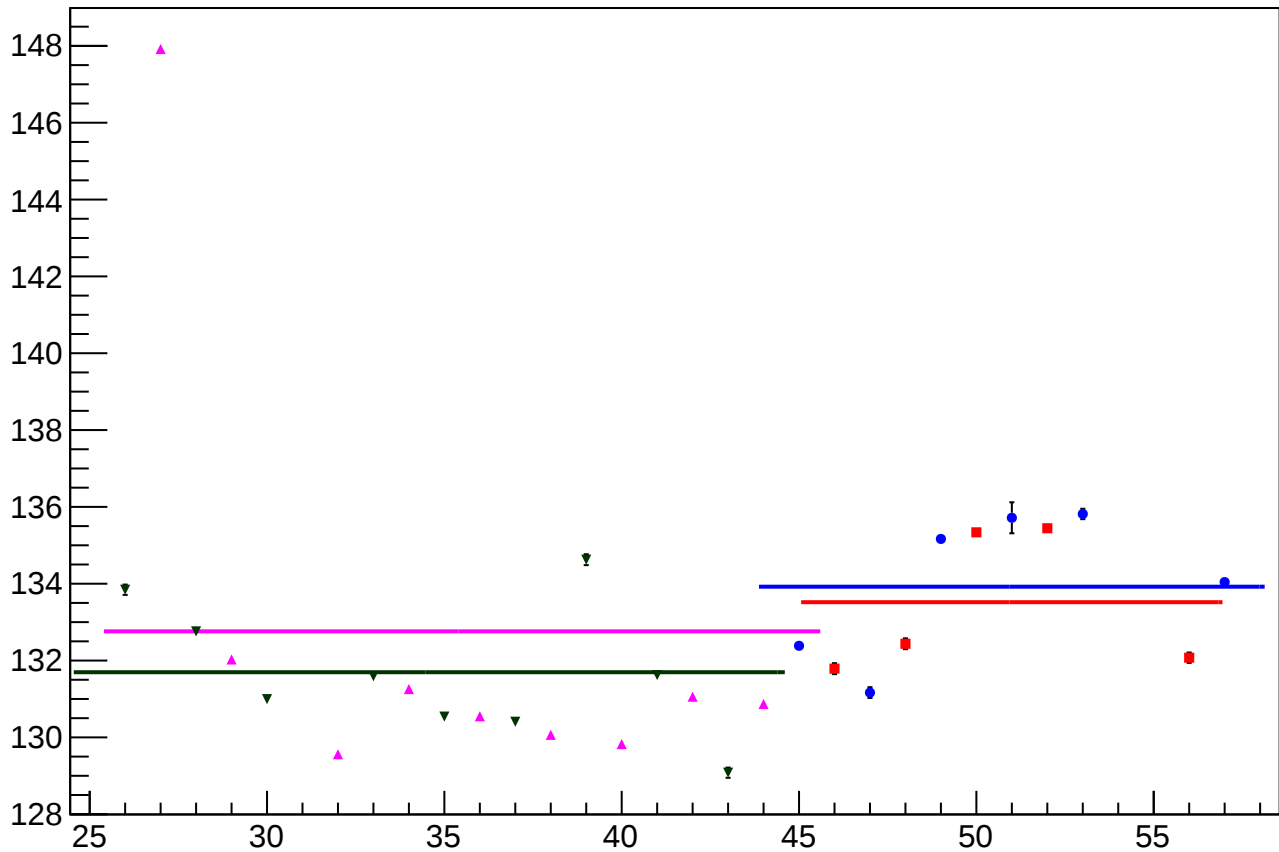
Right Out: -548.089 ± 86.016 $\chi^2/\text{NDF}: 1.5/4$

Left In: -487.470 ± 55.895 $\chi^2/\text{NDF}: 20.8/8$

417.786 ± 47.106 $\chi^2/\text{NDF}: 17.0/14$

-505.467 ± 46.868 $\chi^2/\text{NDF}: 22.7/13$

reg_asym_right_avg_rms vs slug



Right In: 133.922 ± 0.054 χ^2/NDF : 922.2/5

Left Out: 131.696 ± 0.042 χ^2/NDF : 1383.5/8

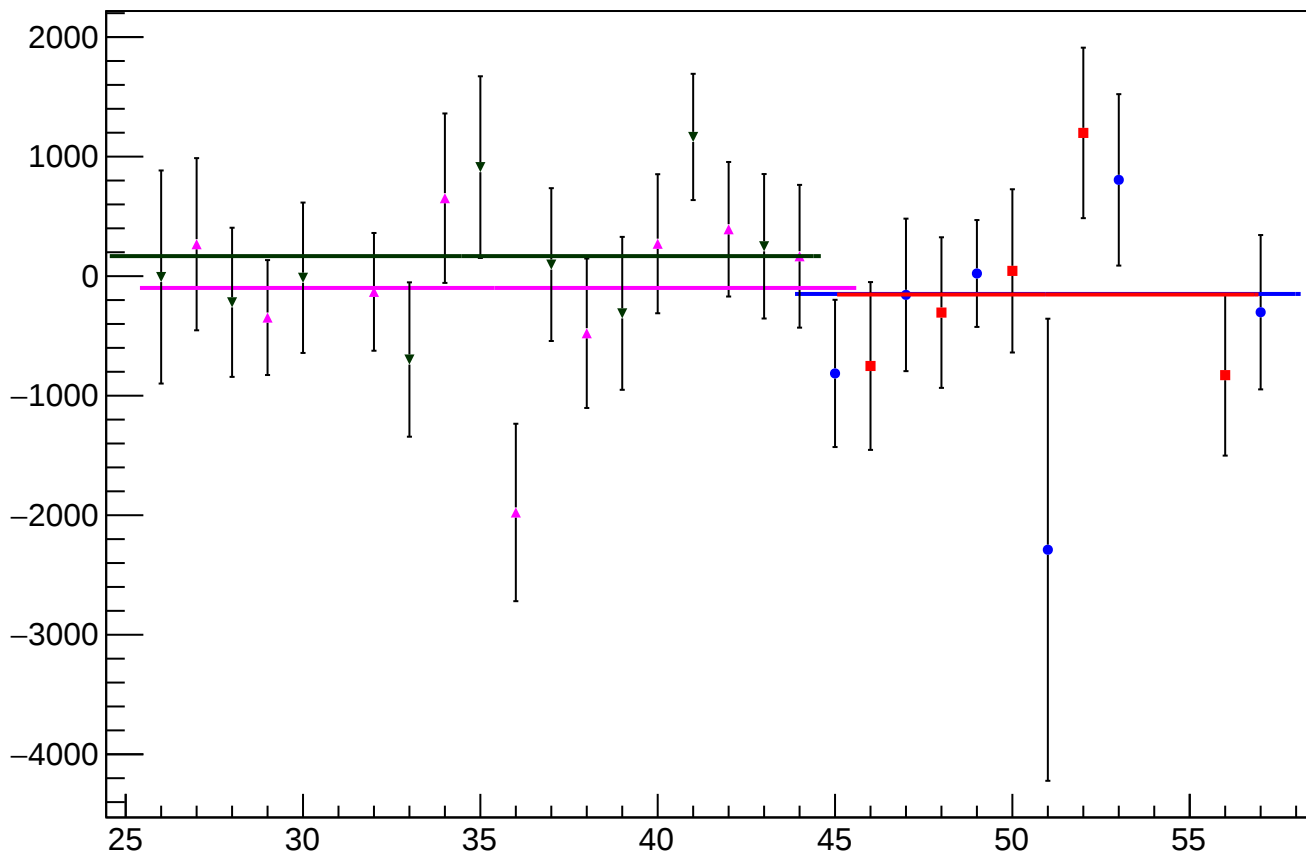
Right Out: 133.519 ± 0.061 χ^2/NDF : 727.7/4

Left In: 132.760 ± 0.040 χ^2/NDF : 20848.0/8

132.540 ± 0.033 χ^2/NDF : 3357.1/14

132.985 ± 0.033 χ^2/NDF : 21685.1/13

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

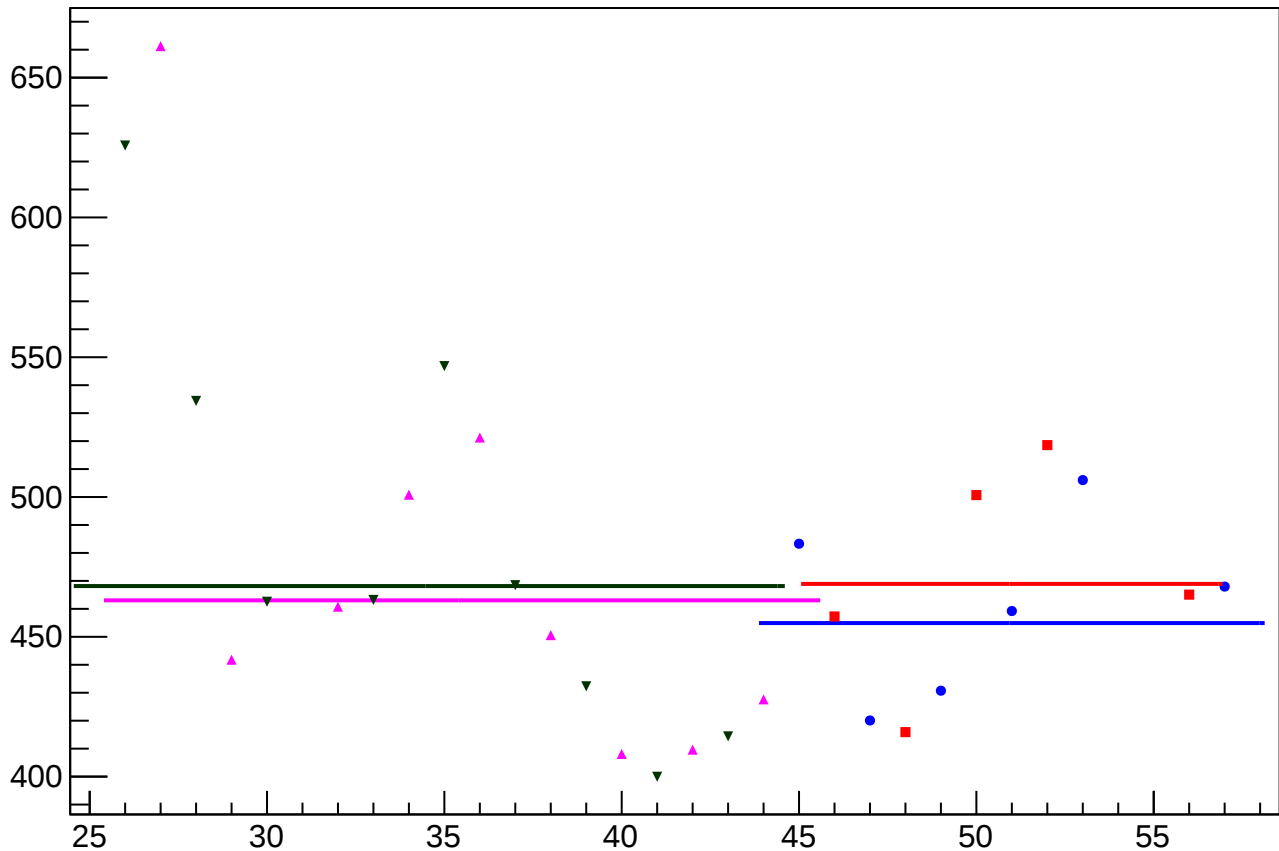
Right Out: -153.600 ± 303.360 χ^2/NDF : 5.5/4

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

39.777 ± 165.726 χ^2/NDF : 12.7/14

-114.987 ± 165.466 χ^2/NDF : 15.3/13

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

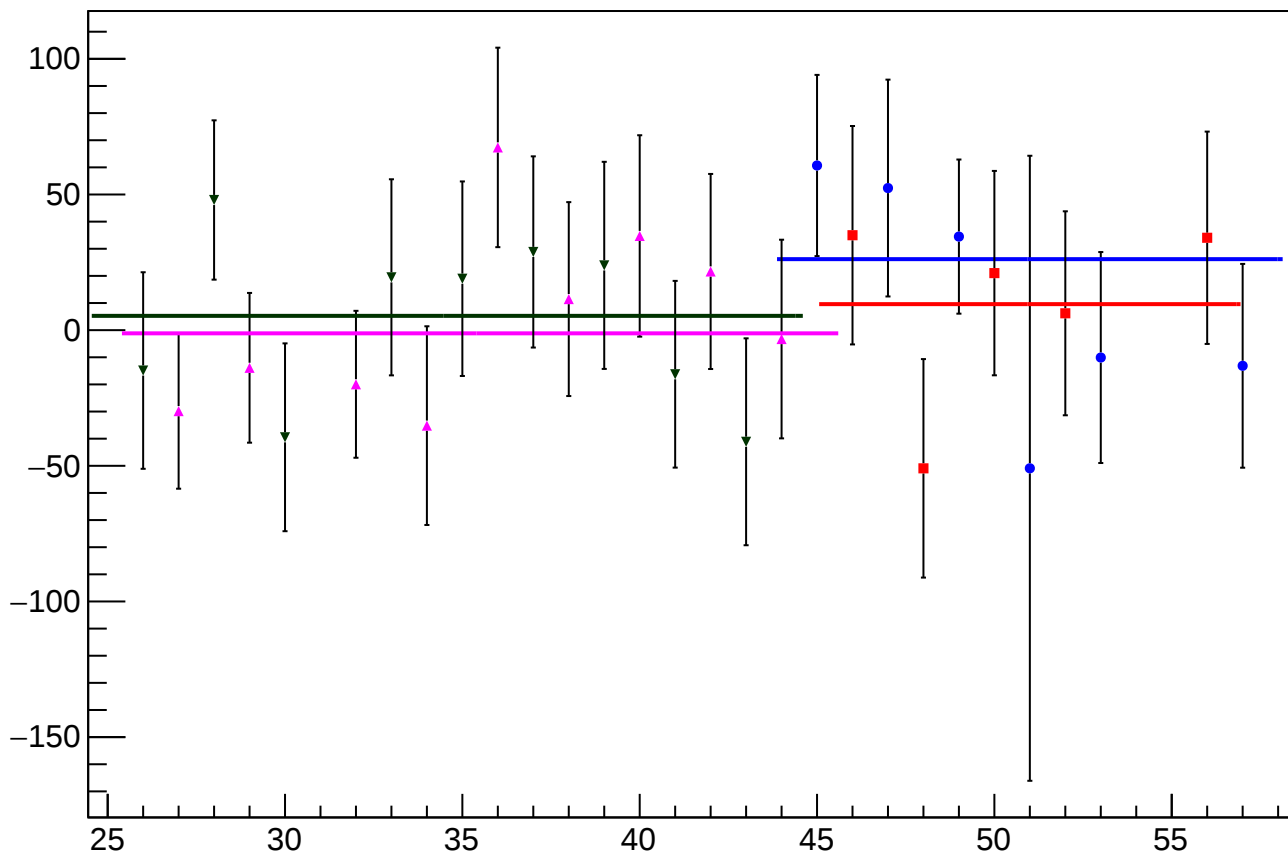
Right Out: 468.927+/-0.215 χ^2/NDF : 28795.9/4

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

462.805+/-0.117 χ^2/NDF : 192372.6/14

464.794+/-0.117 χ^2/NDF : 246472.2/13

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

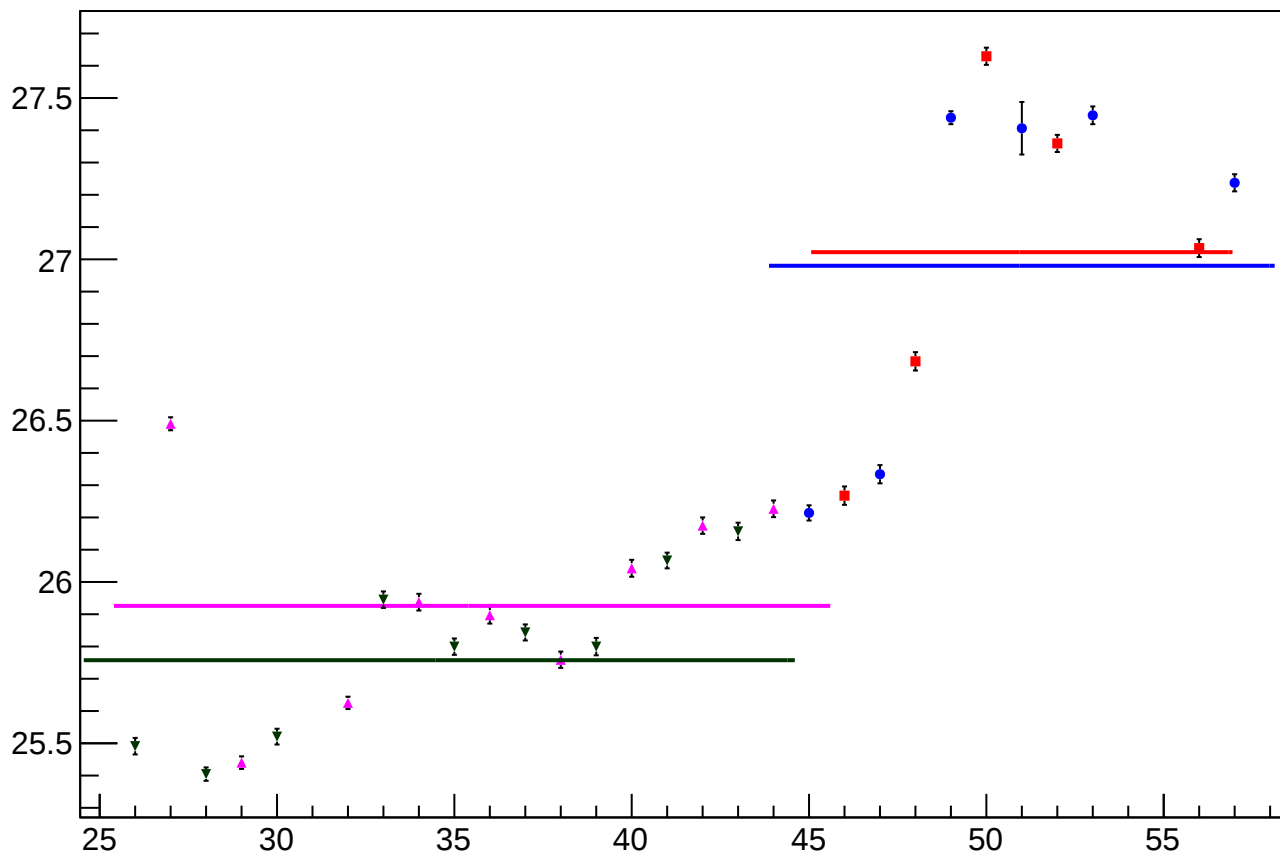
Right Out: 9.589 $\pm$ 17.409 χ^2 /NDF: 3.1/4

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

12.897 $\pm$ 9.312 χ^2 /NDF: 12.1/14

1.859 $\pm$ 9.240 χ^2 /NDF: 10.9/13

reg_asym_right_dd_rms vs slug



Right In: 26.980 $\pm$ 0.011 χ^2 /NDF: 2506.1/5

Left Out: 25.758 $\pm$ 0.008 χ^2 /NDF: 942.7/8

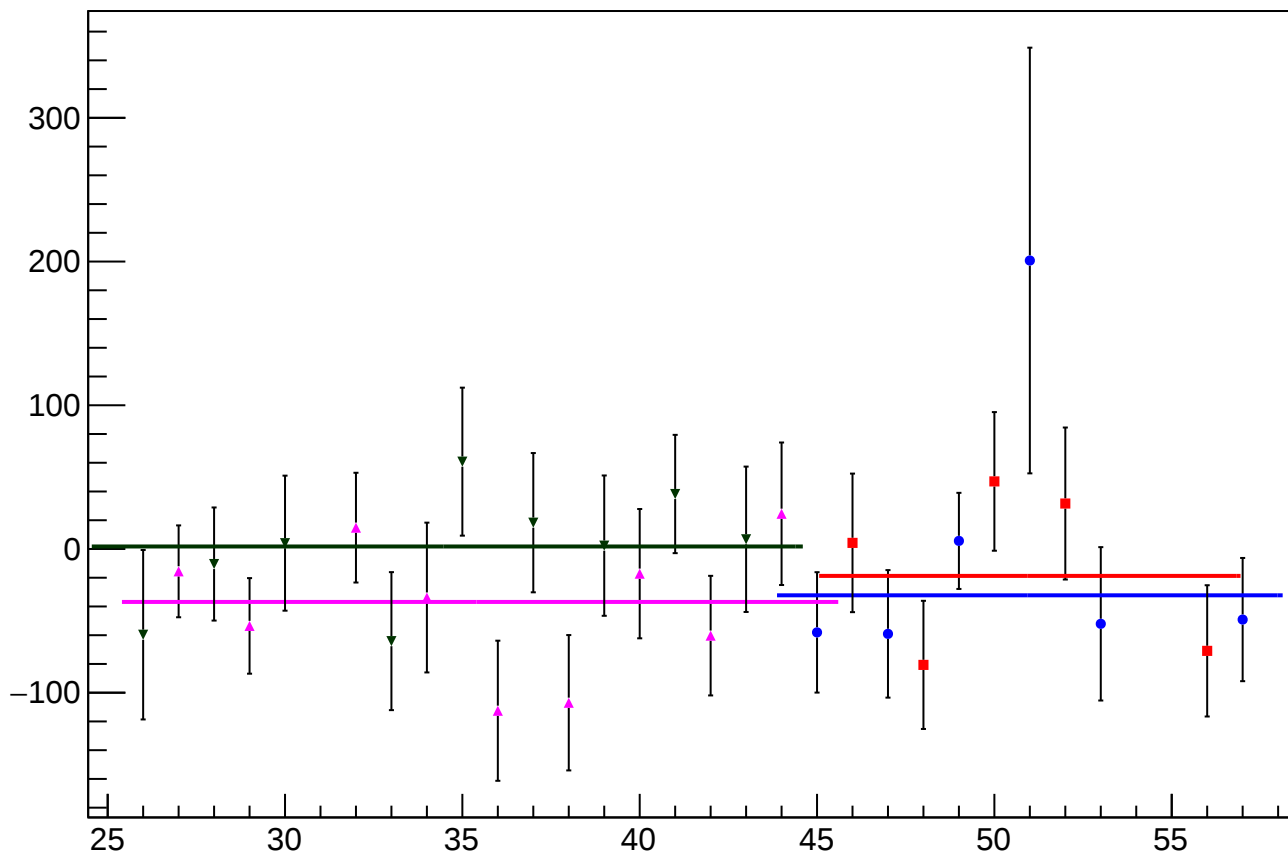
Right Out: 27.022 $\pm$ 0.012 χ^2 /NDF: 1524.9/4

Left In: 25.926 $\pm$ 0.008 χ^2 /NDF: 1940.9/8

26.204 $\pm$ 0.007 χ^2 /NDF: 11438.2/14

26.235 $\pm$ 0.007 χ^2 /NDF: 9163.4/13

asym_right_dd_correction_mean vs slug



Right In: -32.237 $\pm$ 18.528 χ^2 /NDF: 4.8/5

Left Out: 1.740 $\pm$ 15.763 χ^2 /NDF: 5.3/8

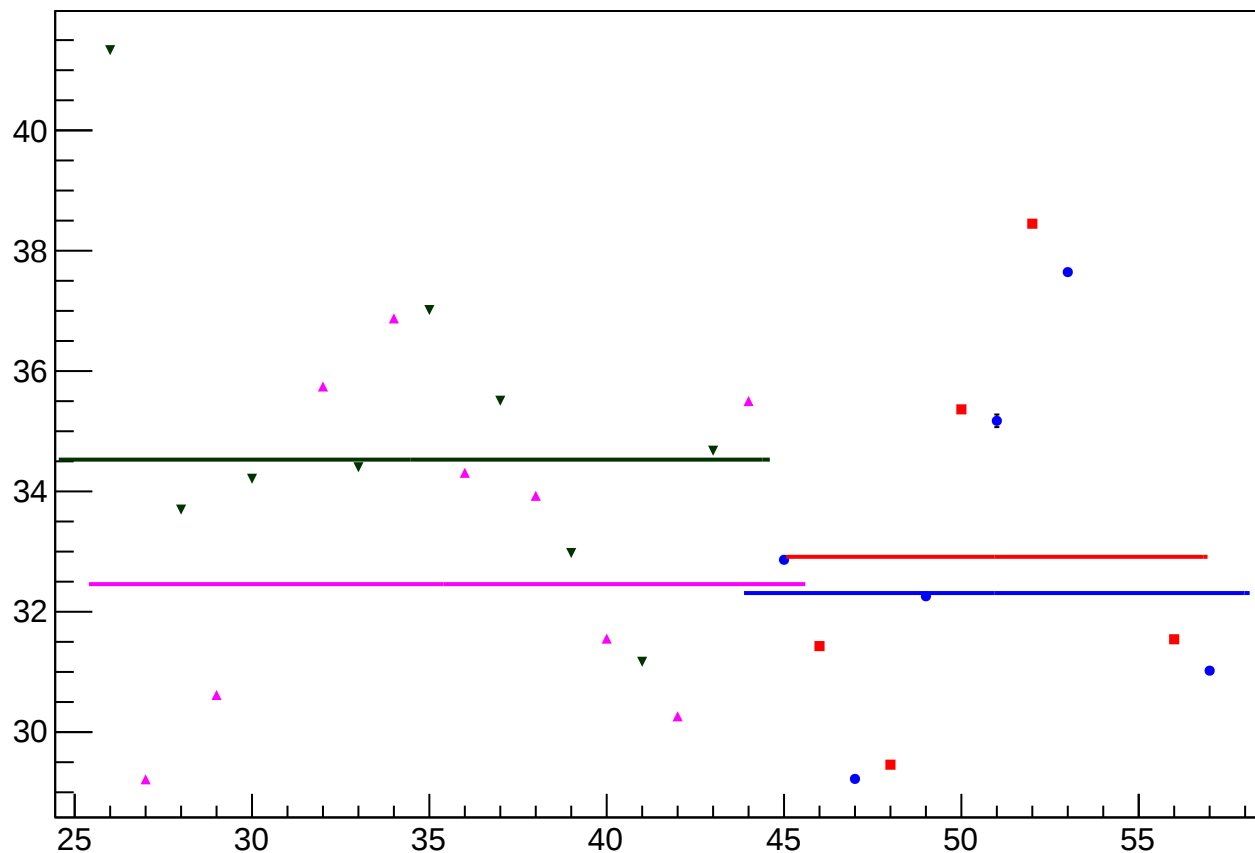
Right Out: -18.727 $\pm$ 21.319 χ^2 /NDF: 6.2/4

Left In: -36.849 $\pm$ 13.752 χ^2 /NDF: 9.2/8

-12.527 $\pm$ 12.006 χ^2 /NDF: 12.0/14

-31.524 $\pm$ 11.556 χ^2 /NDF: 15.9/13

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

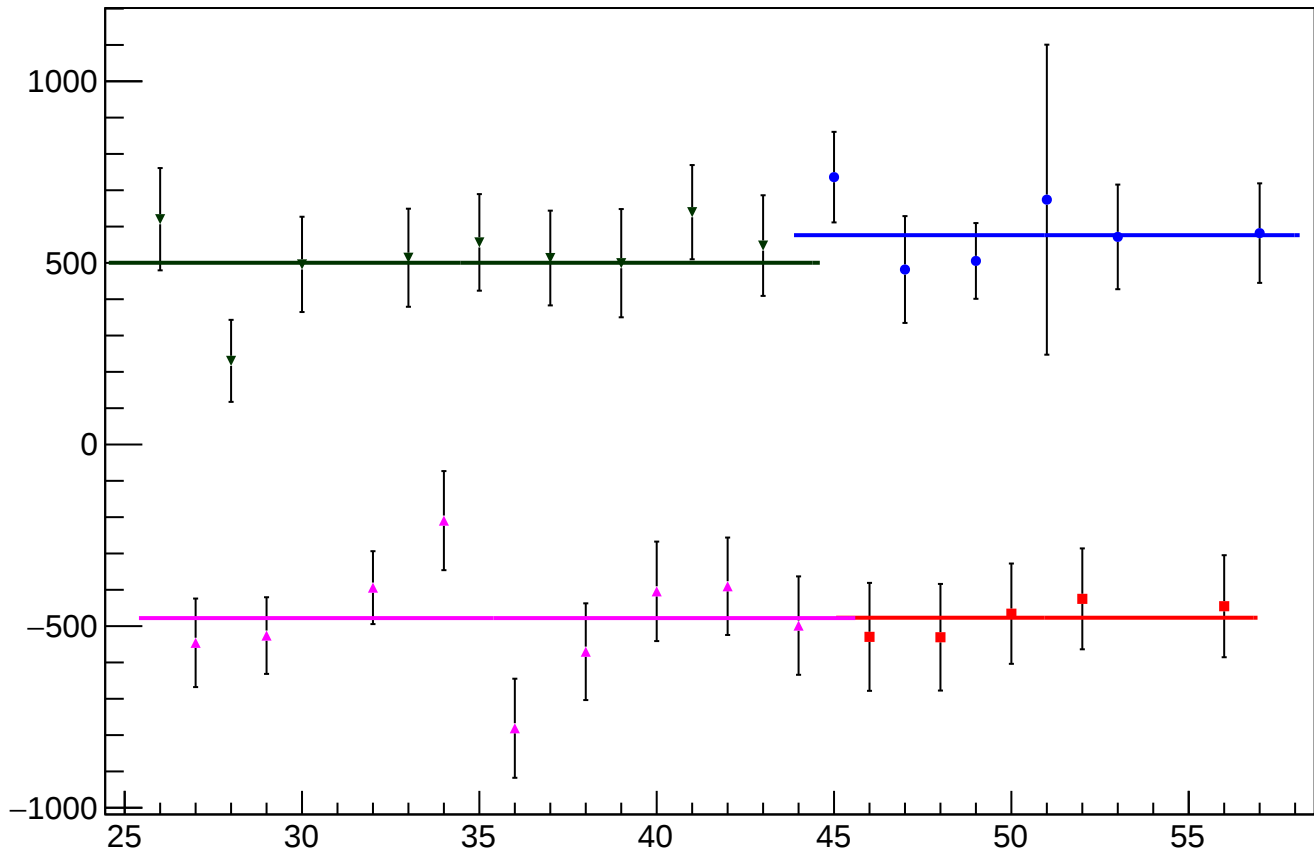
Right Out: 32.913 ± 0.015 χ^2/NDF : 42780.0/4

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

33.597 ± 0.008 χ^2/NDF : 97687.1/14

32.593 ± 0.008 χ^2/NDF : 118055.6/13

reg_asym_us_avg_mean vs slug



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

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

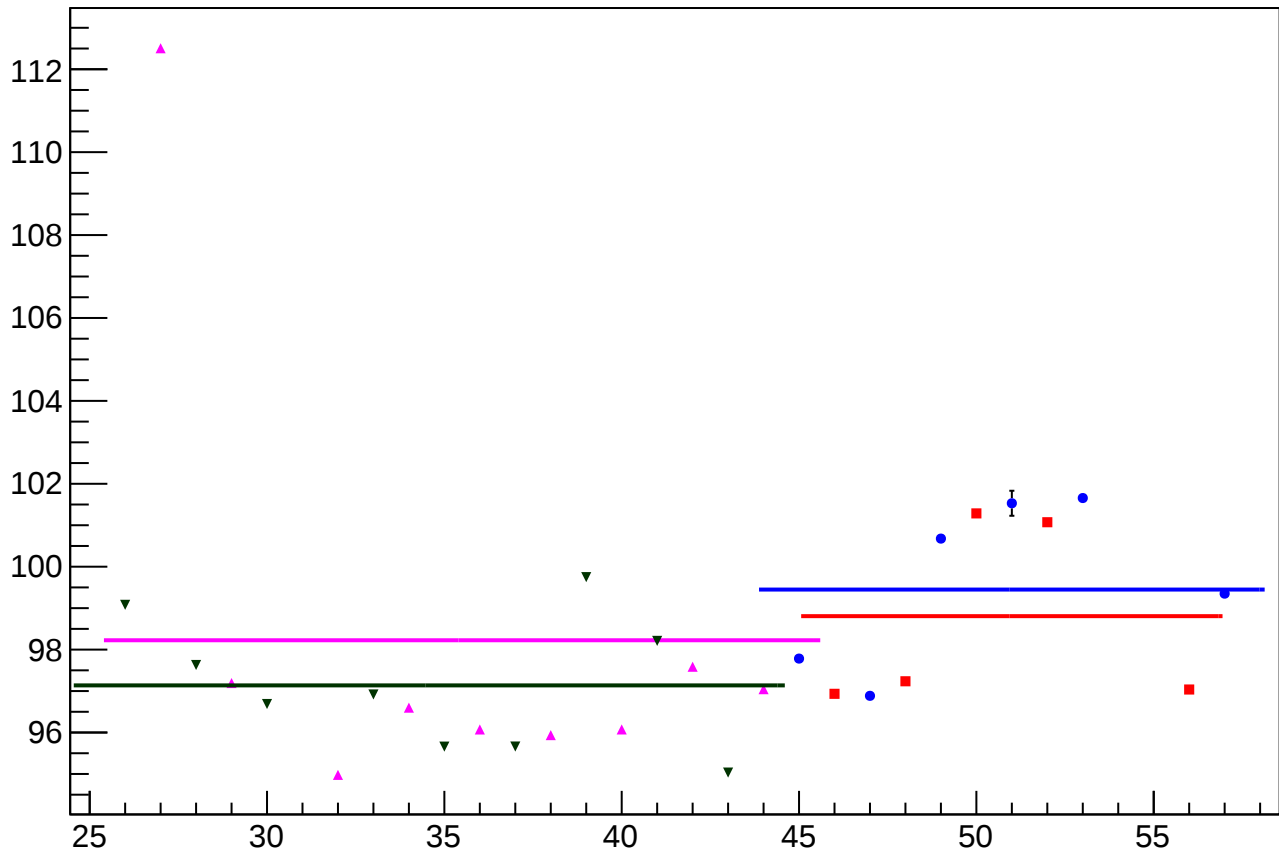
Left Out: 500.356 $\pm$ 44.116 χ^2 /NDF: 7.9/8

Right Out: -476.843 $\pm$ 63.670 χ^2 /NDF: 0.5/4

-477.561 $\pm$ 34.701 χ^2 /NDF: 11.7/13

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

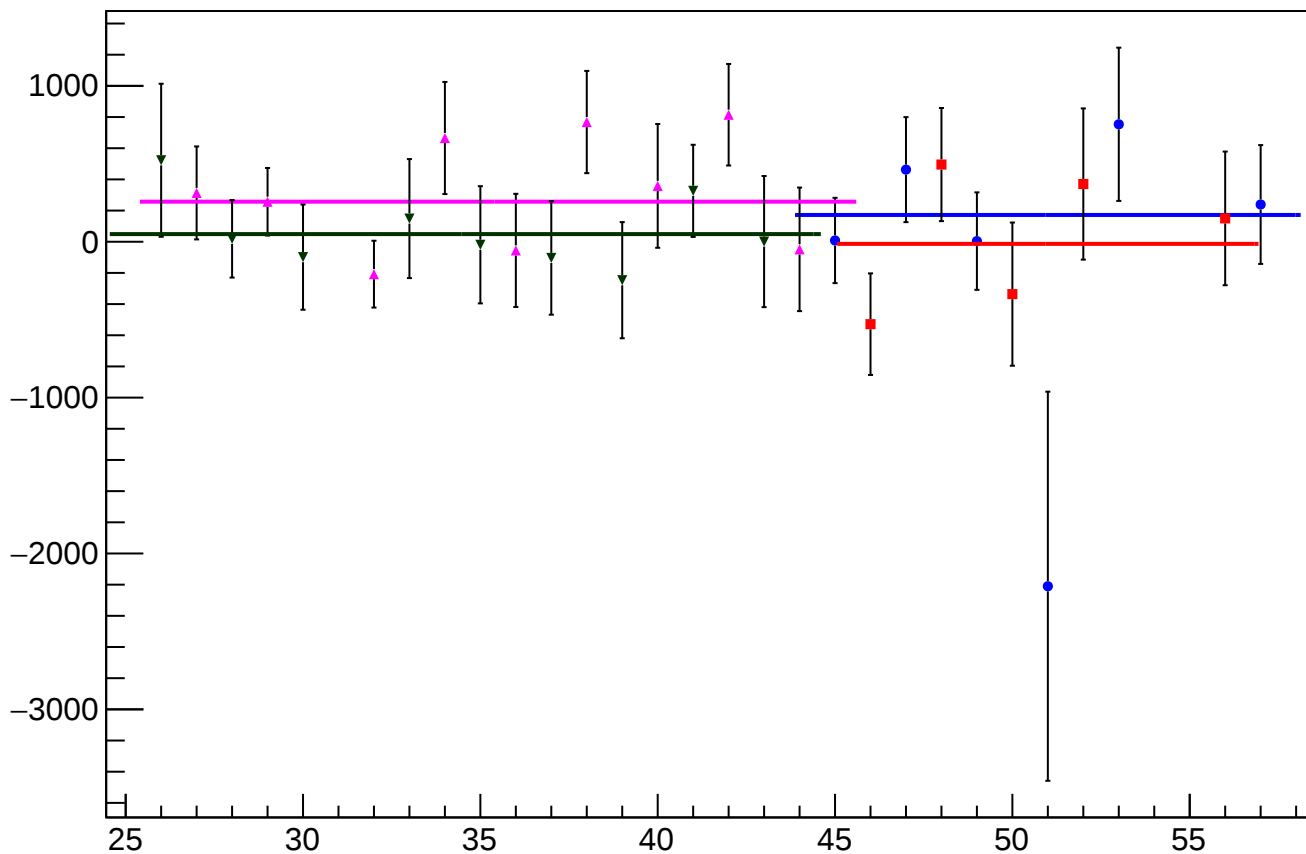
Right Out: 98.807 ± 0.045 χ^2/NDF : 2041.2/4

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

98.006 ± 0.025 χ^2/NDF : 5988.7/14

98.398 ± 0.025 χ^2/NDF : 33975.9/13

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

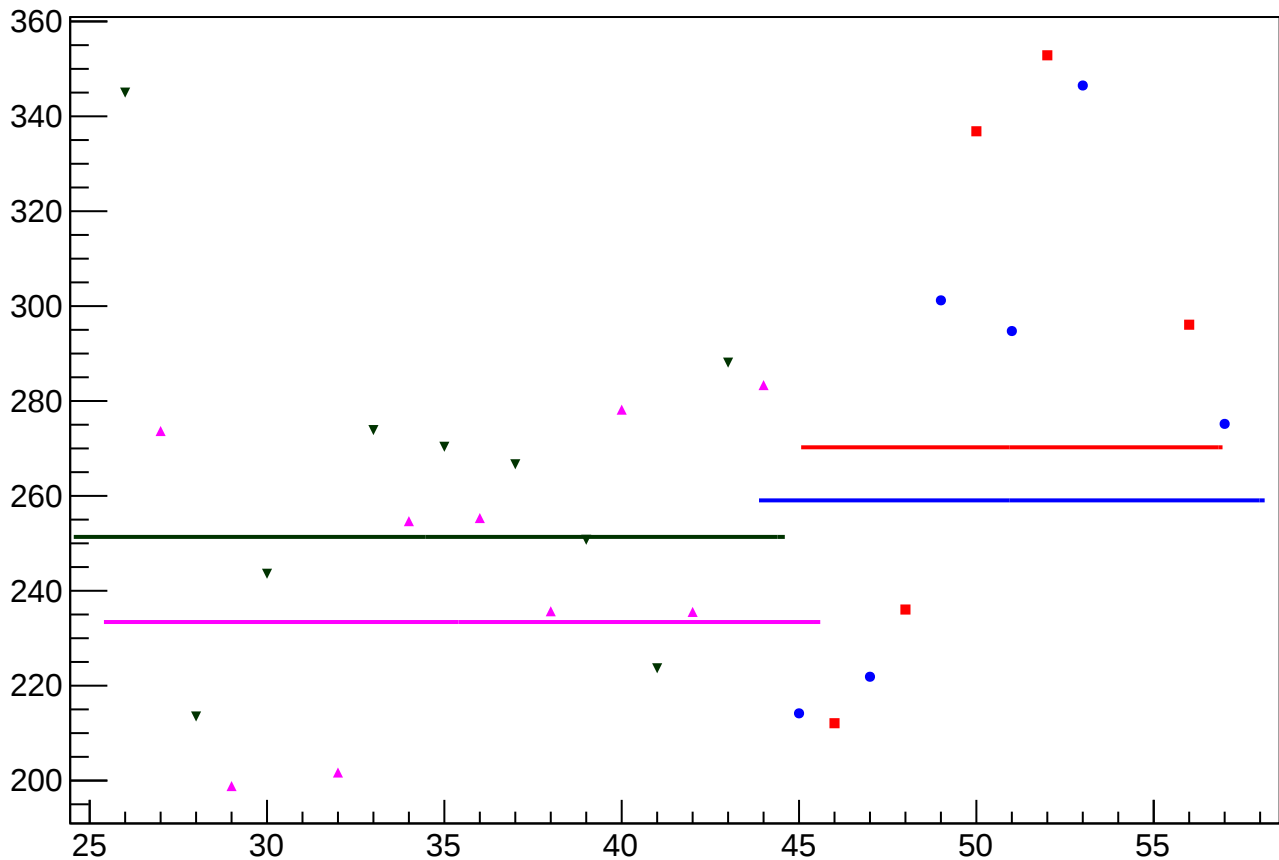
Right Out: -13.562+/-178.347 χ^2/NDF : 5.7/4

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

94.582+/-91.699 χ^2/NDF : 9.8/14

192.825+/-86.878 χ^2/NDF : 20.3/13

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

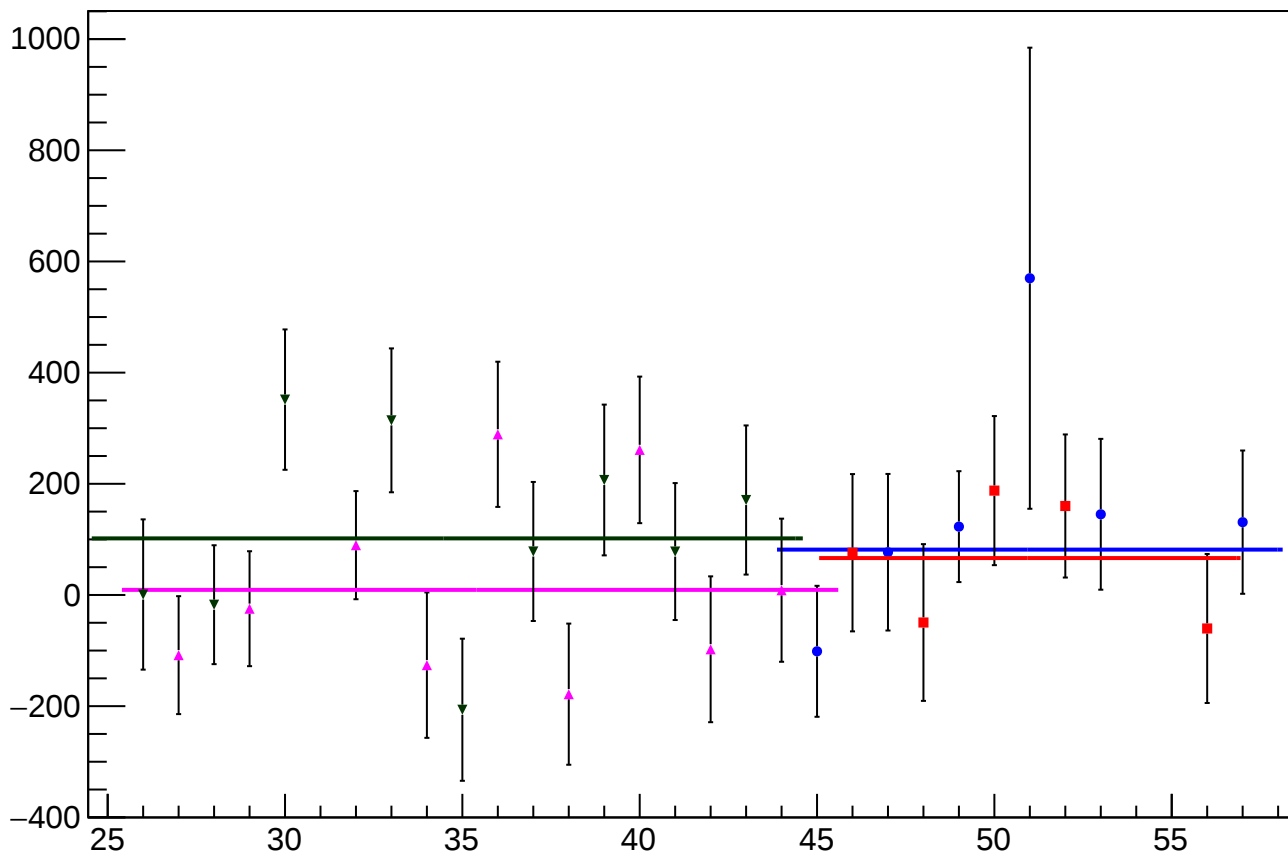
254.208+/-0.065 χ^2/NDF : 354841.7/14

Right Out: 270.241+/-0.126 χ^2/NDF : 188792.6/4

242.155+/-0.061 χ^2/NDF : 456565.0/13

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

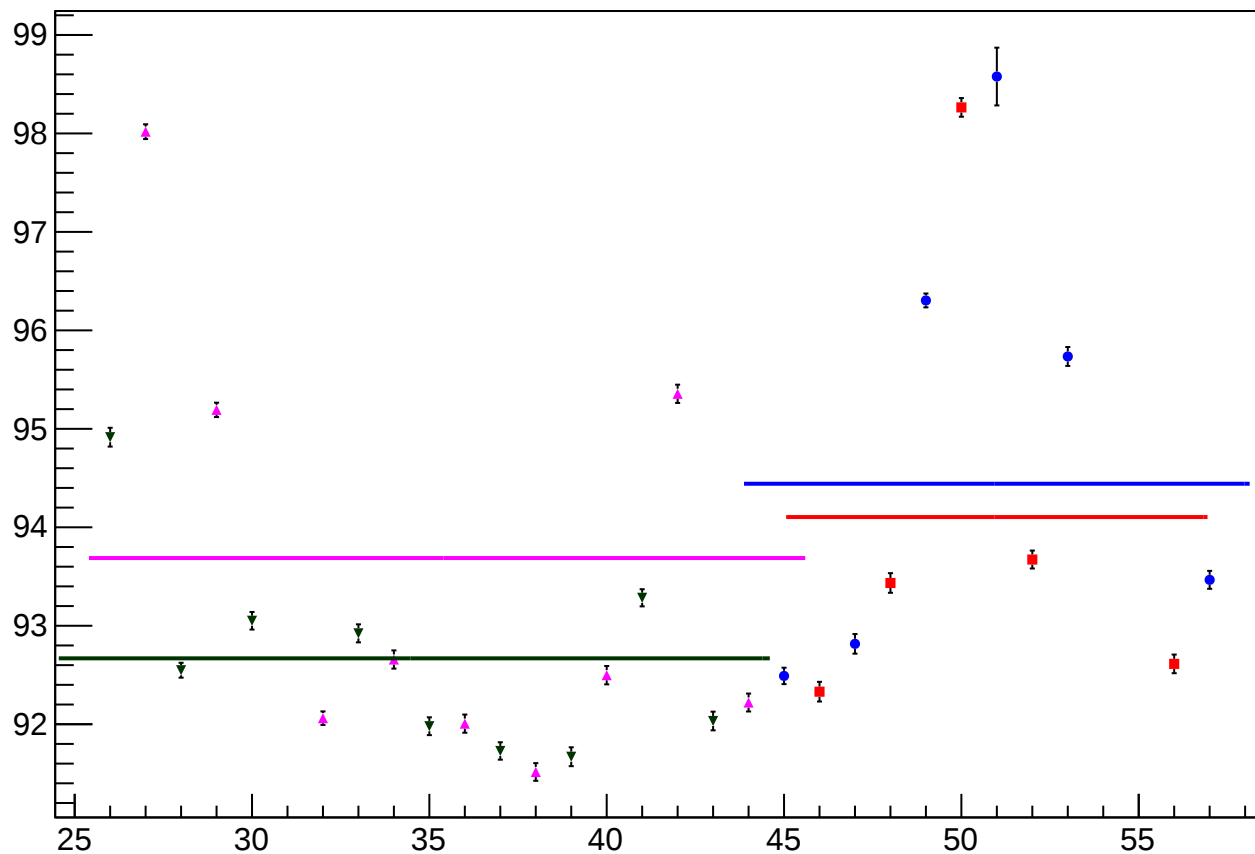
Right Out: 66.405+/-60.648 χ^2/NDF : 2.9/4

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

94.174+/-33.170 χ^2/NDF : 19.6/14

26.183+/-33.058 χ^2/NDF : 17.7/13

reg_asym_us_dd_rms vs slug



Right In: 94.442 ± 0.038 χ^2/NDF : 2007.1/5

Left Out: 92.669 ± 0.030 χ^2/NDF : 955.5/8

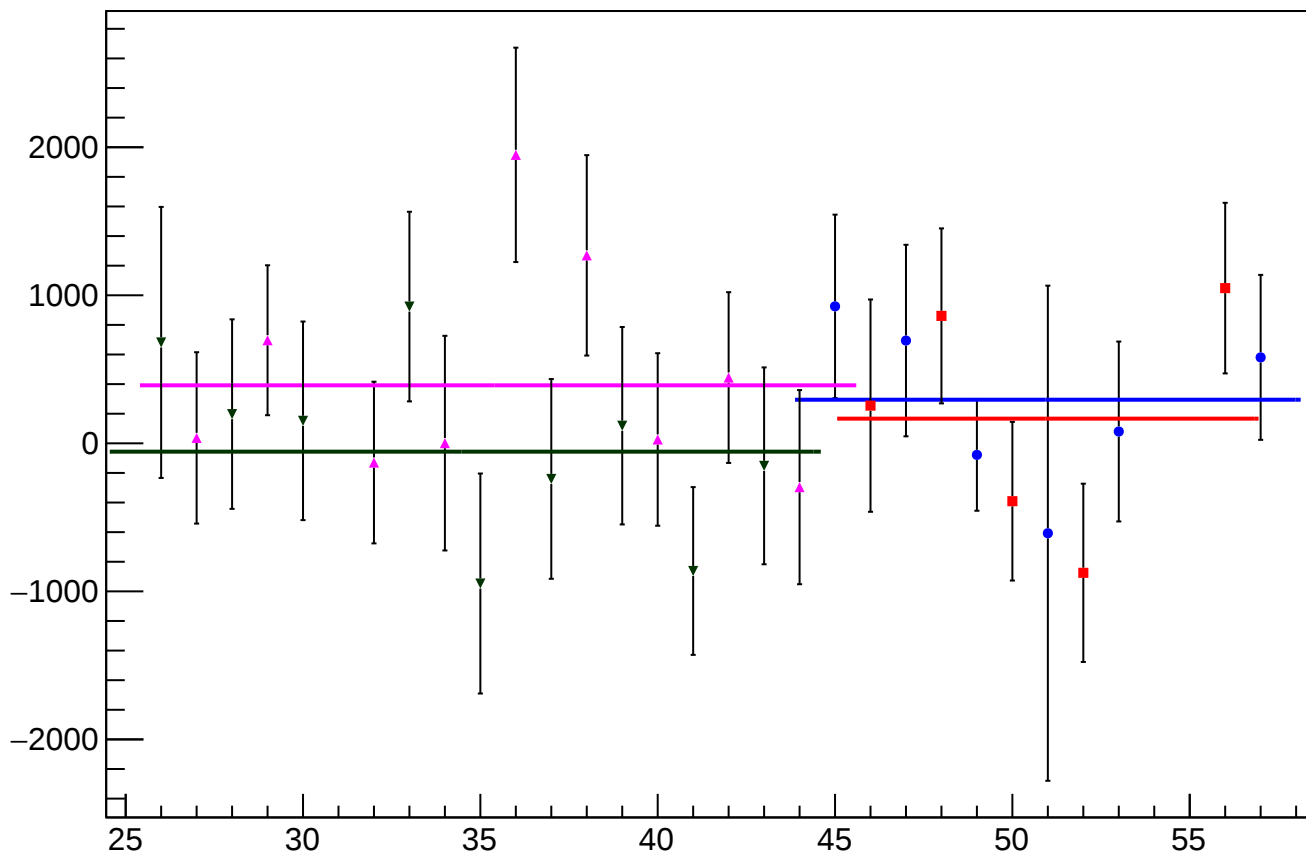
Right Out: 94.104 ± 0.043 χ^2/NDF : 2554.3/4

Left In: 93.688 ± 0.028 χ^2/NDF : 6102.1/8

93.339 ± 0.023 χ^2/NDF : 4306.1/14

93.812 ± 0.023 χ^2/NDF : 8722.6/13

asym_us_dd_correction_mean vs slug



Right In: 294.573 $\pm$ 233.752 χ^2/NDF : 3.1/5

Left Out: -56.319 $\pm$ 224.014 χ^2/NDF : 6.9/8

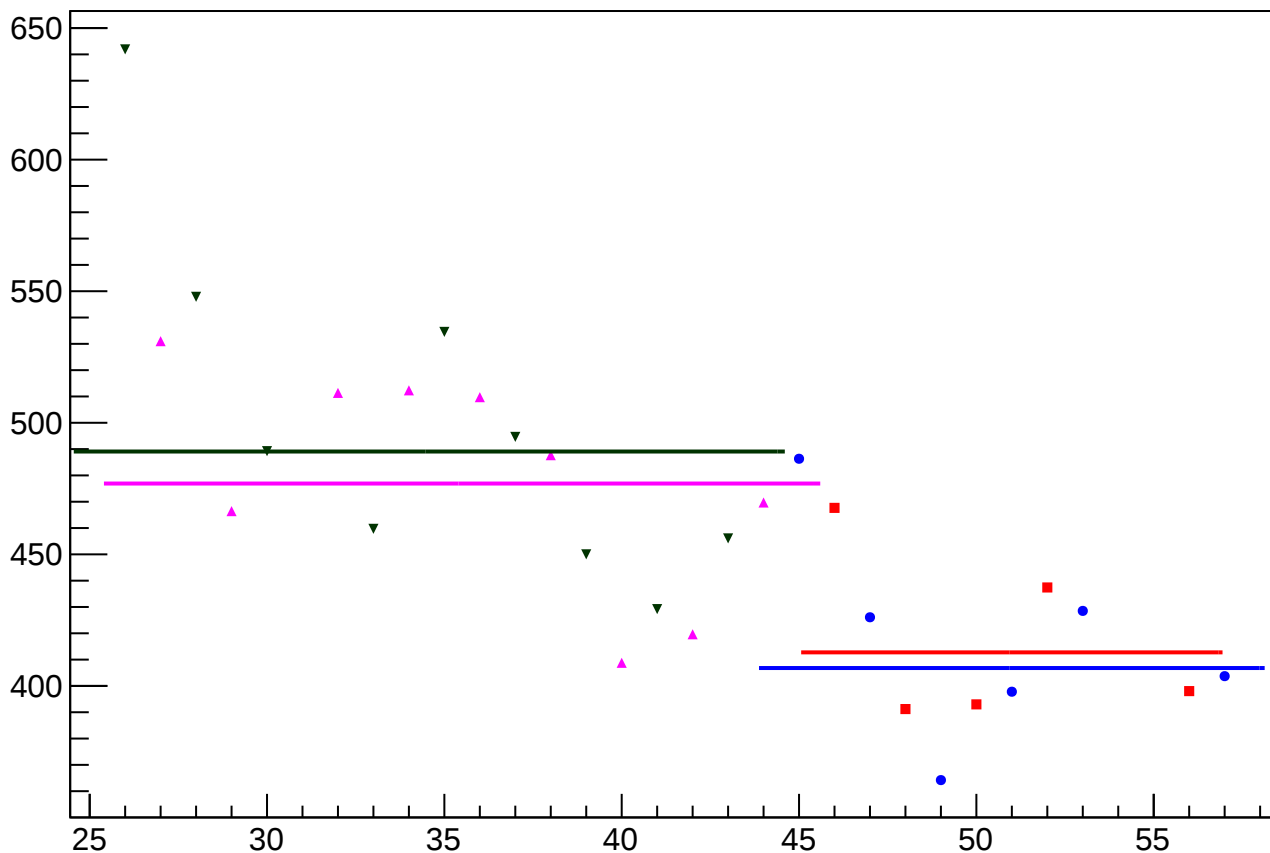
Right Out: 166.712 $\pm$ 266.700 χ^2/NDF : 7.8/4

Left In: 391.848 $\pm$ 202.004 χ^2/NDF : 9.7/8

111.666 $\pm$ 161.735 χ^2/NDF : 11.1/14

309.775 $\pm$ 161.028 χ^2/NDF : 18.0/13

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

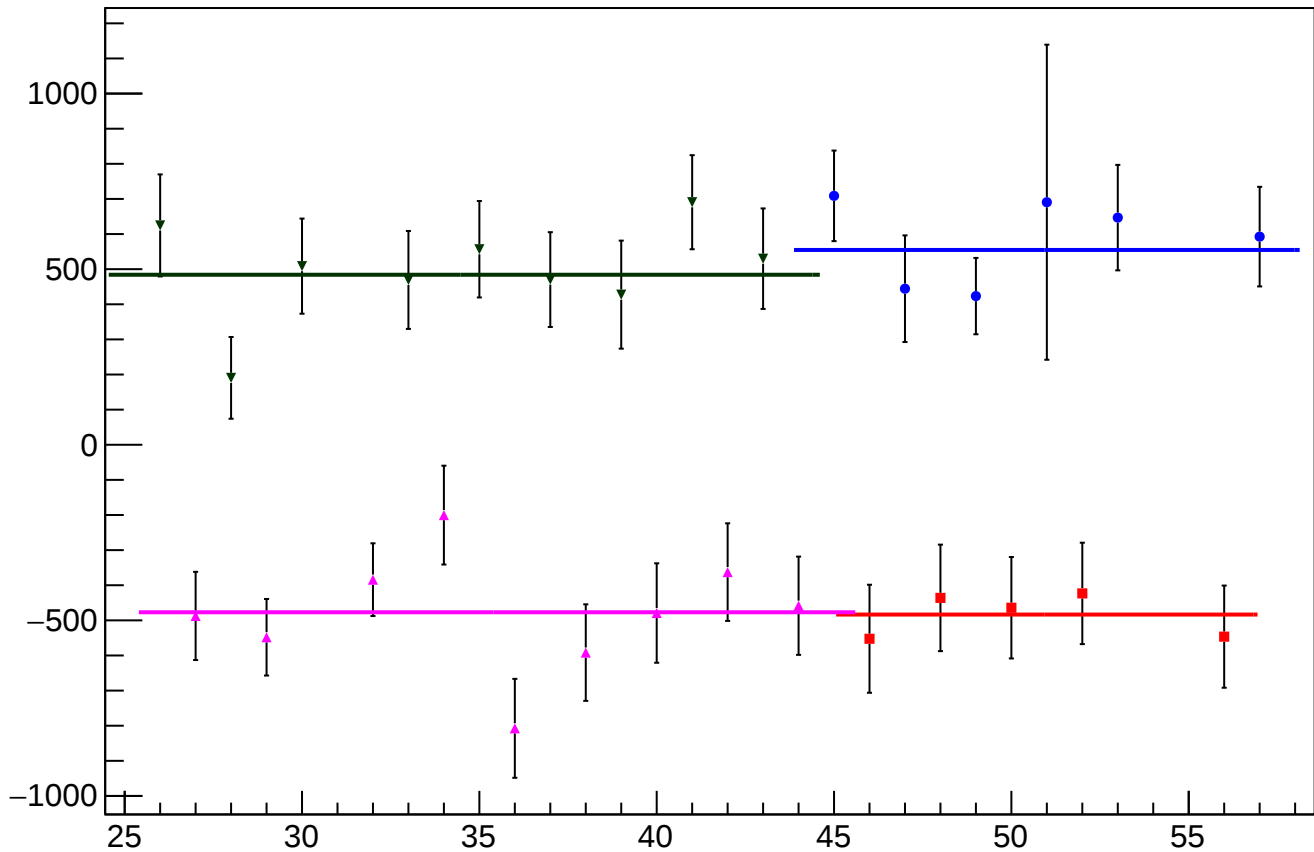
Right Out: 412.753+/-0.189 χ^2/NDF : 21766.4/4

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

449.691+/-0.114 χ^2/NDF : 310616.5/14

453.524+/-0.114 χ^2/NDF : 178298.1/13

reg_asym_ds_avg_mean vs slug



Right In: 554.718 ± 59.006 $\chi^2/\text{NDF}: 4.0/5$

Left Out: 484.116 ± 45.554 $\chi^2/\text{NDF}: 10.3/8$

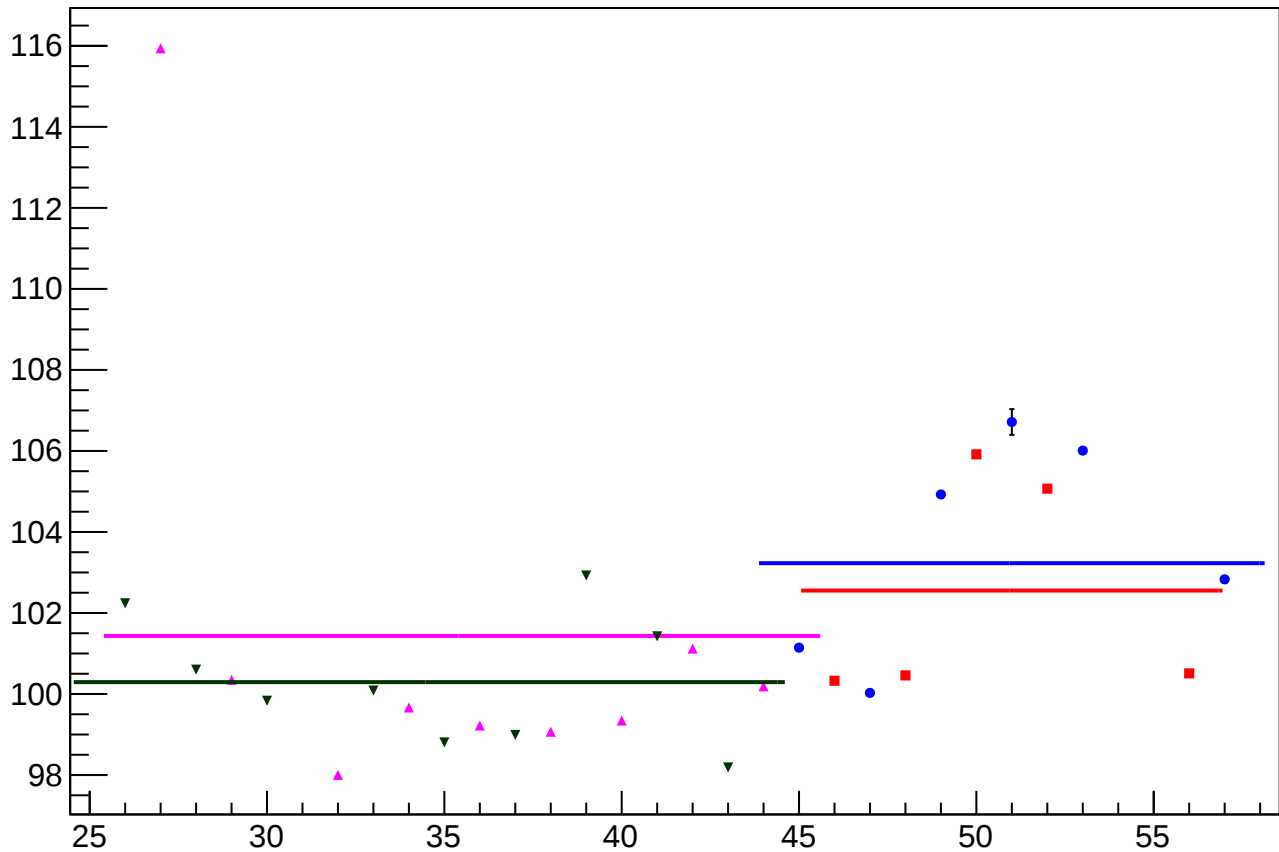
Right Out: -483.492 ± 66.094 $\chi^2/\text{NDF}: 0.7/4$

Left In: -476.948 ± 42.742 $\chi^2/\text{NDF}: 12.0/8$

510.481 ± 36.058 $\chi^2/\text{NDF}: 15.1/14$

-478.878 ± 35.891 $\chi^2/\text{NDF}: 12.7/13$

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

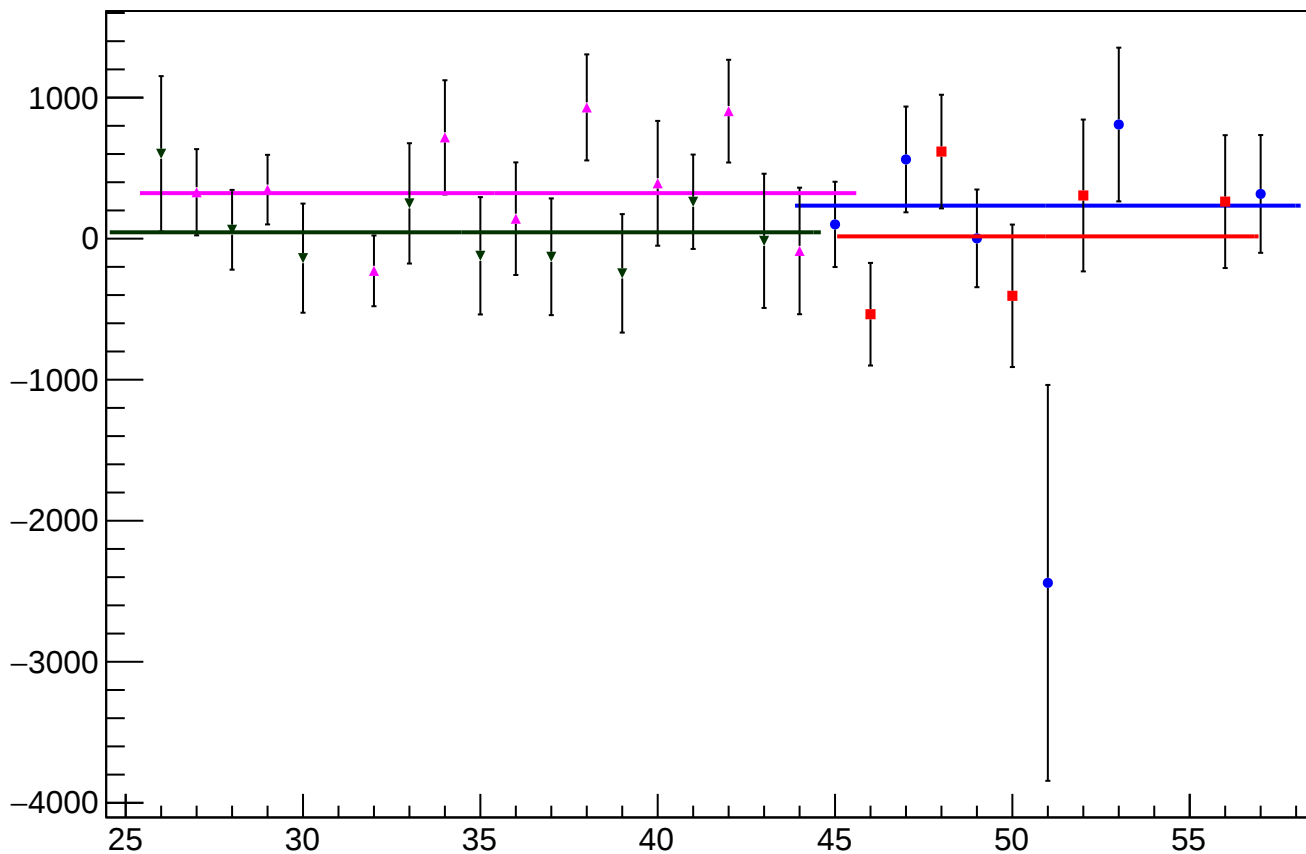
Right Out: 102.554 ± 0.047 χ^2/NDF : 2887.0/4

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

101.390 ± 0.025 χ^2/NDF : 7807.1/14

101.763 ± 0.025 χ^2/NDF : 34375.5/13

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

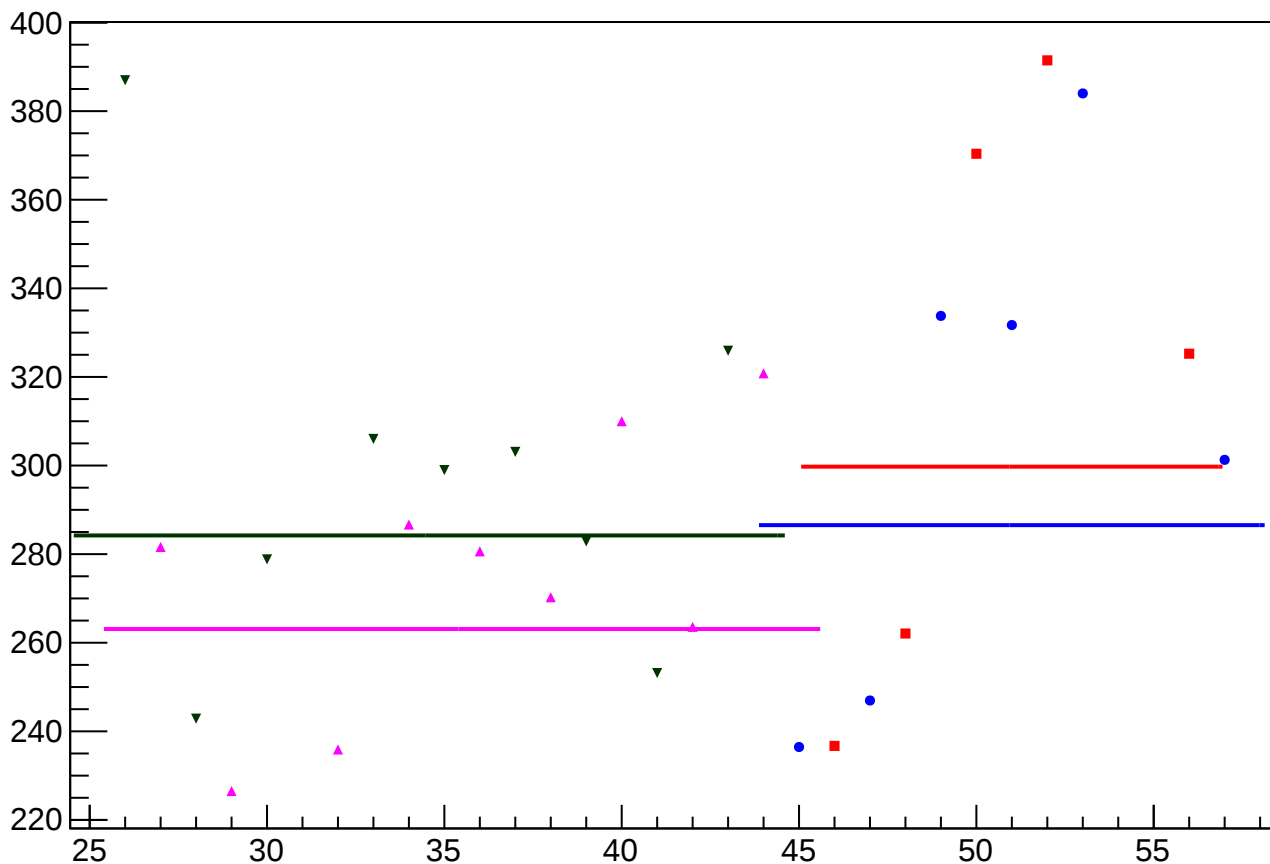
Right Out: 16.027 $\pm$ 197.641 χ^2 /NDF: 5.8/4

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

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

248.464 $\pm$ 97.276 χ^2 /NDF: 19.6/13

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

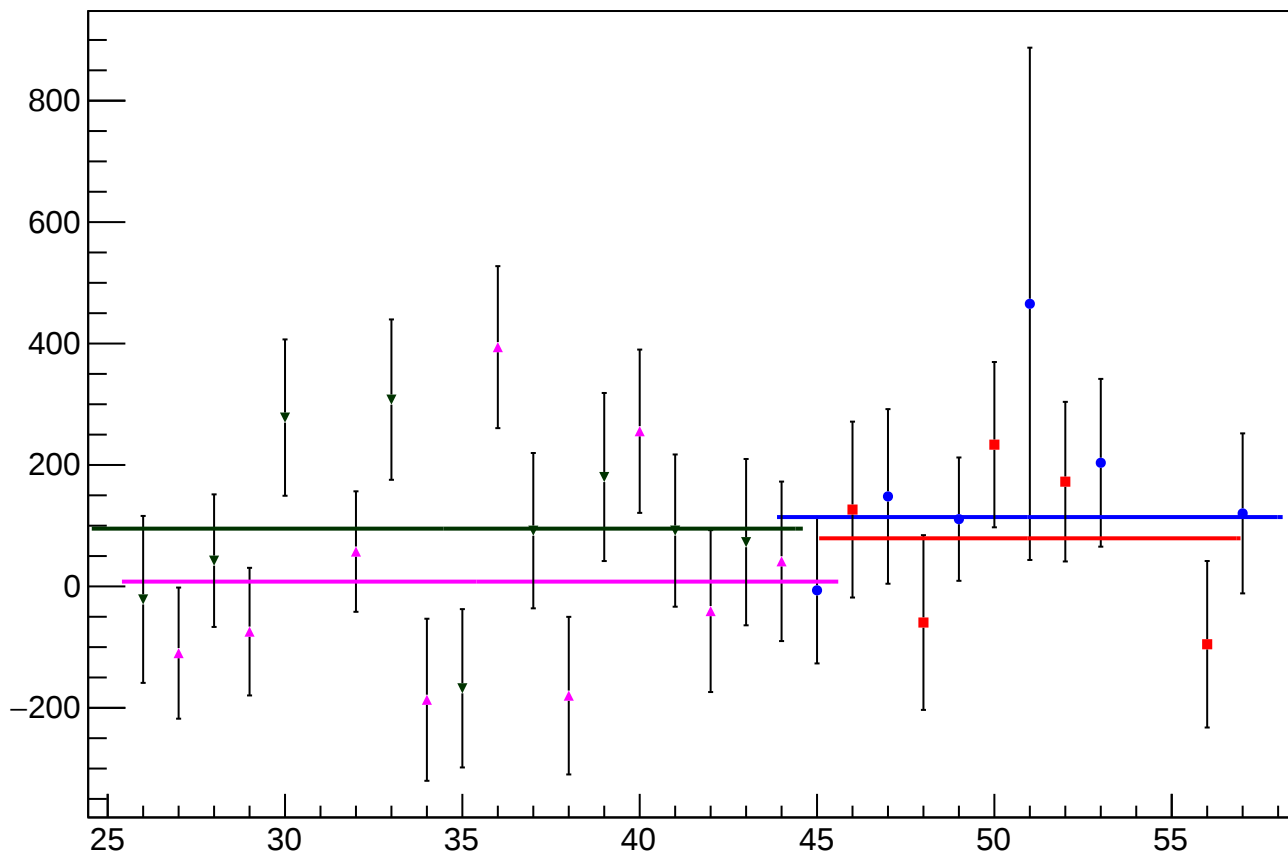
Right Out: 299.745 ± 0.140 χ^2/NDF : 180593.2/4

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

285.104 ± 0.073 χ^2/NDF : 340512.3/14

271.975 ± 0.069 χ^2/NDF : 374458.3/13

reg_asym_ds_dd_mean vs slug



Right In: 114.204 $\pm$ 55.059 χ^2 /NDF: 2.2/5

Left Out: 95.153 $\pm$ 42.894 χ^2 /NDF:10.0/8

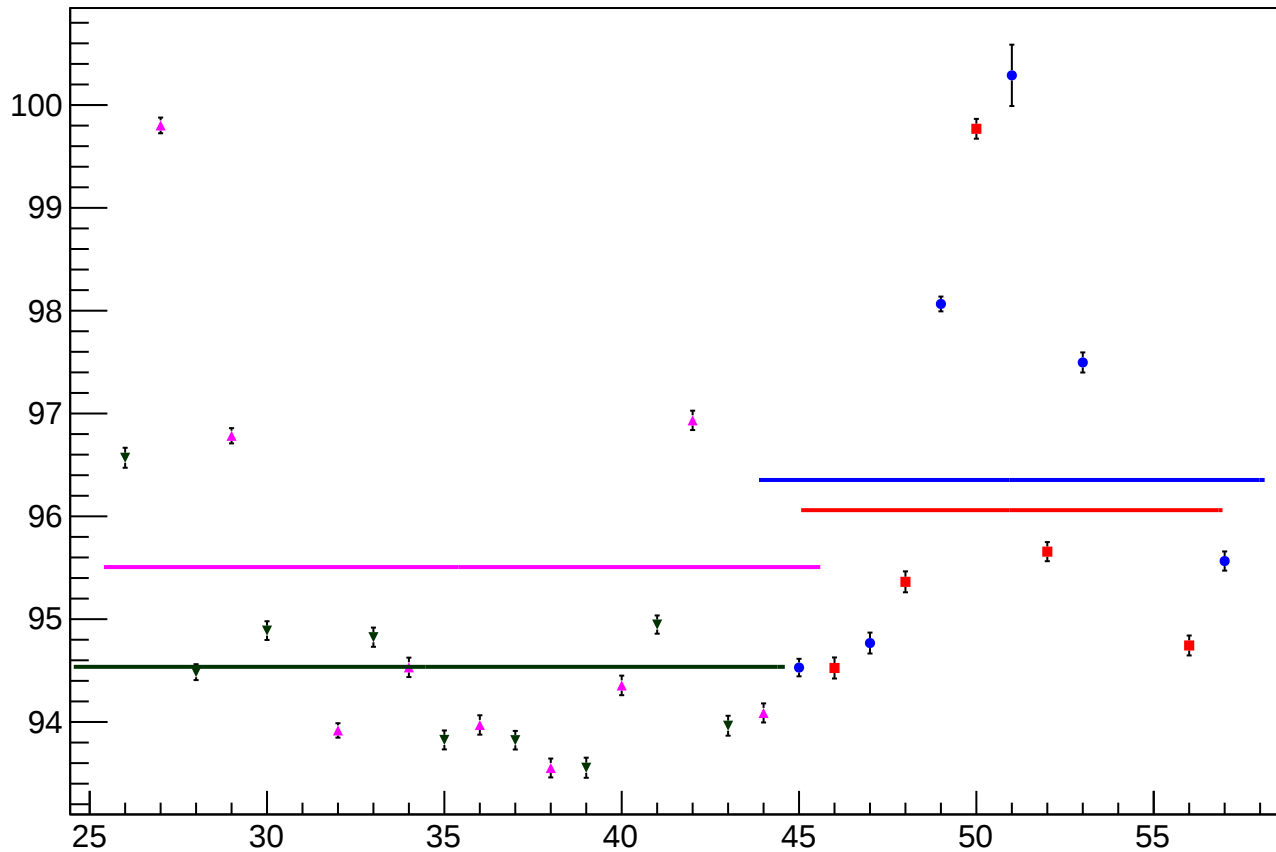
Right Out: 79.226 $\pm$ 61.901 χ^2 /NDF: 4.4/4

Left In: 7.892 $\pm$ 40.192 χ^2 /NDF:18.2/8

102.349 $\pm$ 33.837 χ^2 /NDF: 12.3/14

29.046 $\pm$ 33.709 χ^2 /NDF: 23.6/13

reg_asym_ds_dd_rms vs slug



Right In: 96.354 $\pm$ 0.039 χ^2 /NDF: 1652.9/5

Left Out: 94.536 $\pm$ 0.030 χ^2 /NDF: 741.0/8

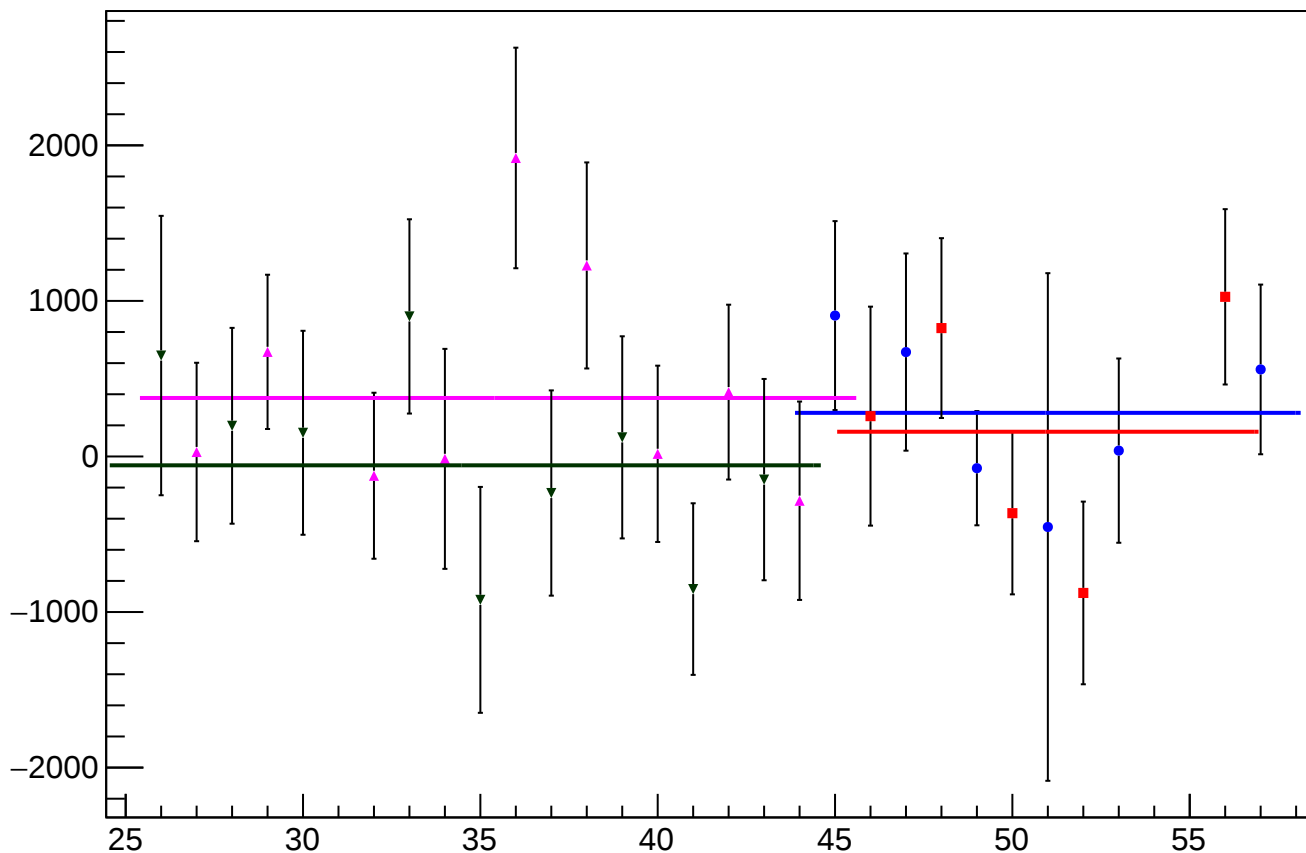
Right Out: 96.060 $\pm$ 0.044 χ^2 /NDF: 1959.2/4

Left In: 95.507 $\pm$ 0.028 χ^2 /NDF: 5405.6/8

95.223 $\pm$ 0.024 χ^2 /NDF: 3749.9/14

95.671 $\pm$ 0.024 χ^2 /NDF: 7477.3/13

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

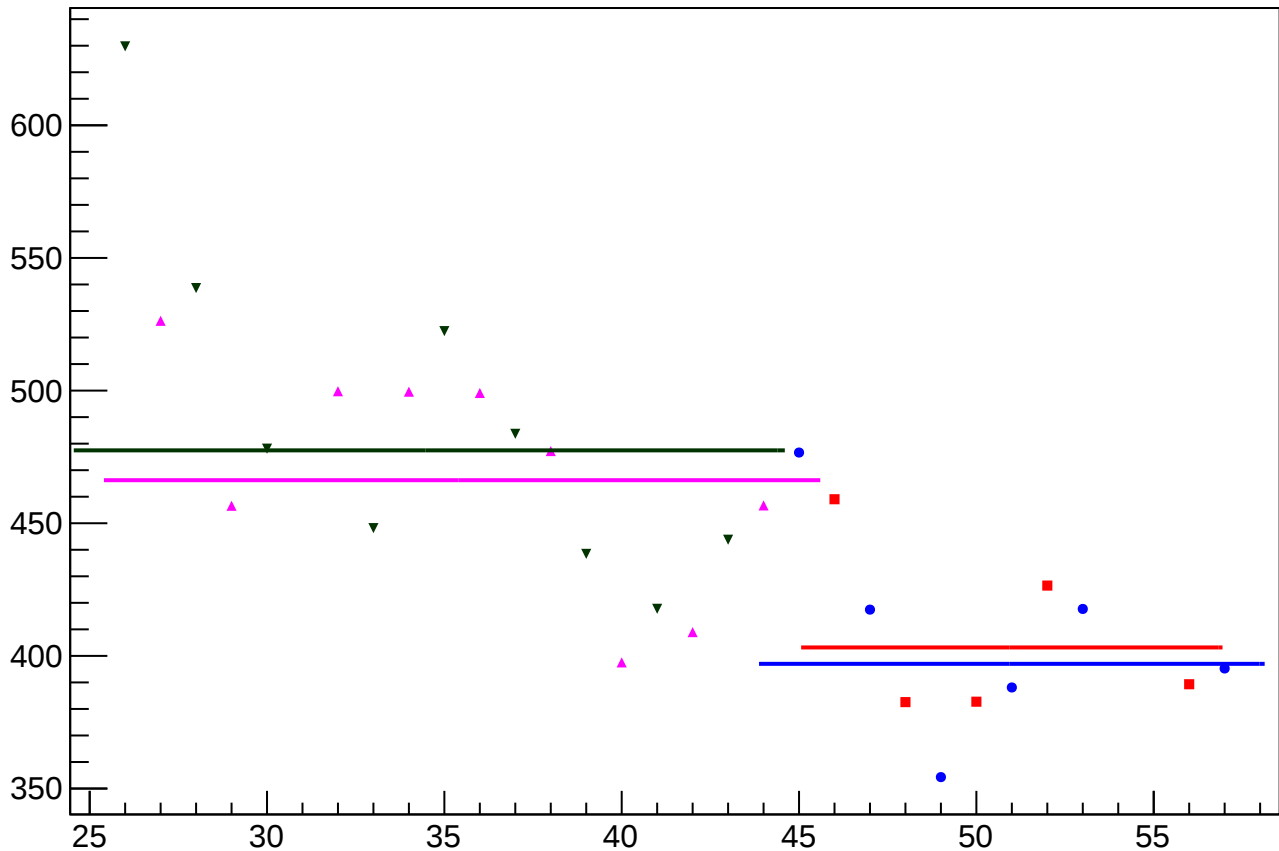
Right Out: 158.987 ± 260.544 χ^2/NDF : 7.8/4

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

104.666 ± 157.916 χ^2/NDF : 11.1/14

296.799 ± 157.407 χ^2/NDF : 18.1/13

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

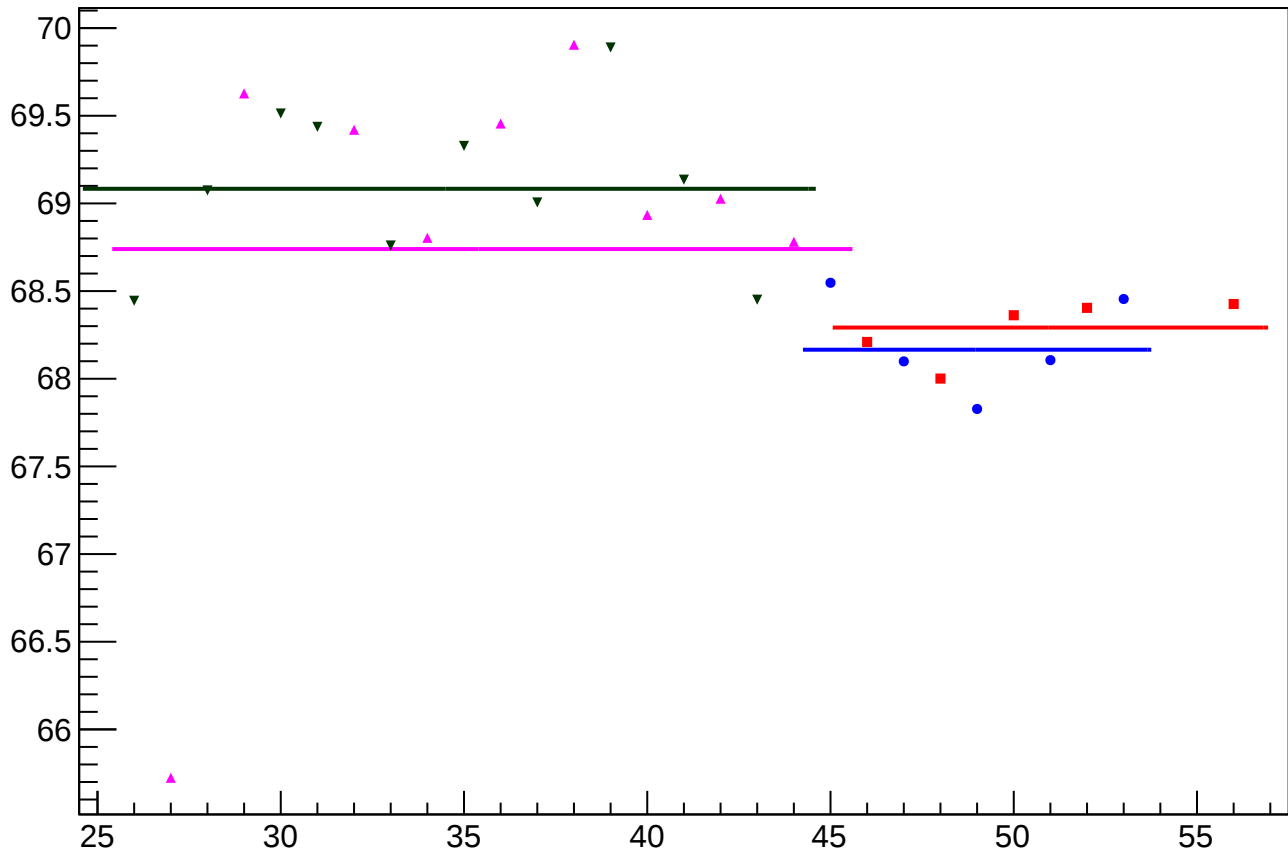
Right Out: 403.185 $\pm$ 0.184 χ^2 /NDF: 22577.1/4

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

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

443.215 $\pm$ 0.111 χ^2 /NDF: 187413.1/13

yield_bcm_an_ds_mean vs slug



Right In: 68.166 $\pm$ 0.000 χ^2 /NDF: 5676856.0/4

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

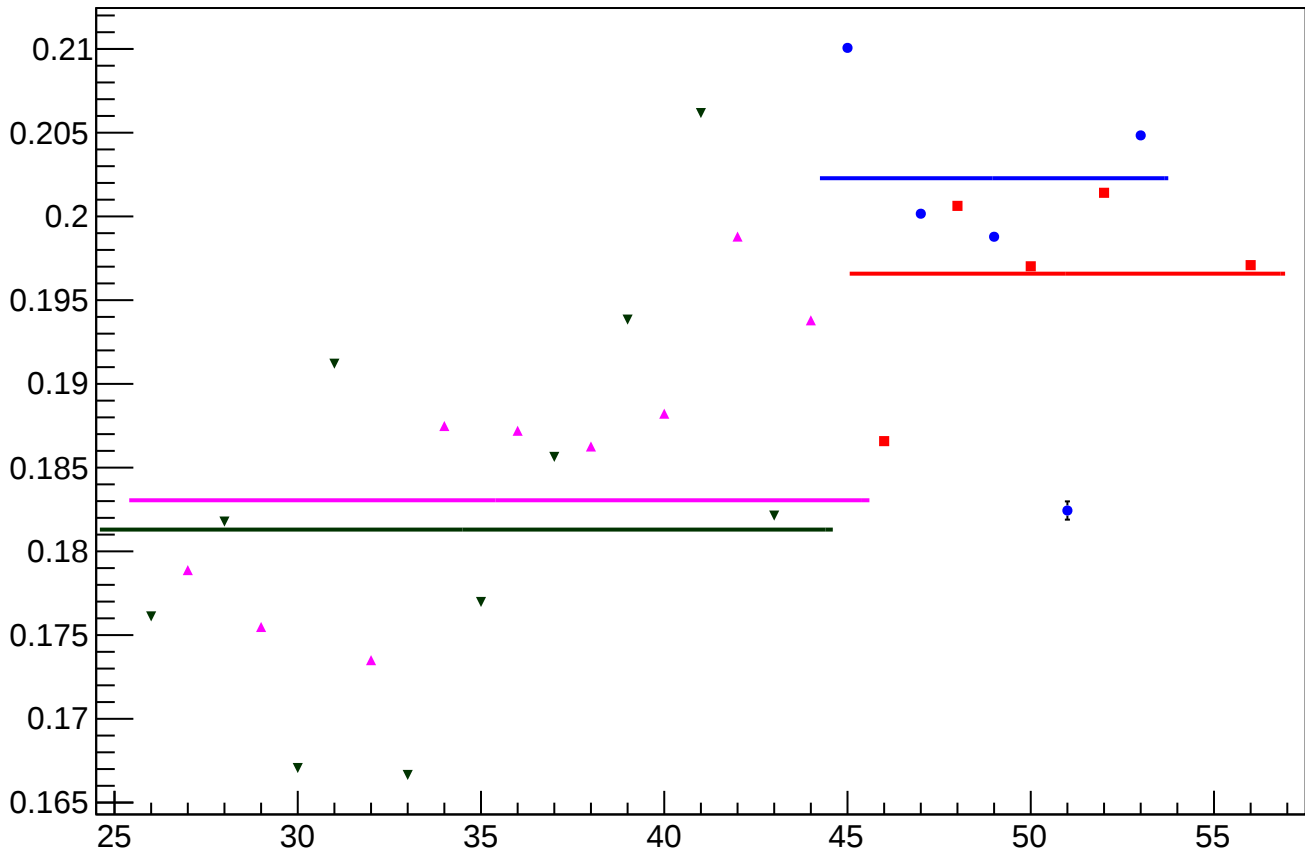
Right Out: 68.292 $\pm$ 0.000 χ^2 /NDF: 1410849.6/4

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

68.821 $\pm$ 0.000 χ^2 /NDF: 69314998.1/14

68.618 $\pm$ 0.000 χ^2 /NDF: 304796717.4/13

yield_bcm_an_ds_rms vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 3802.0/4

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

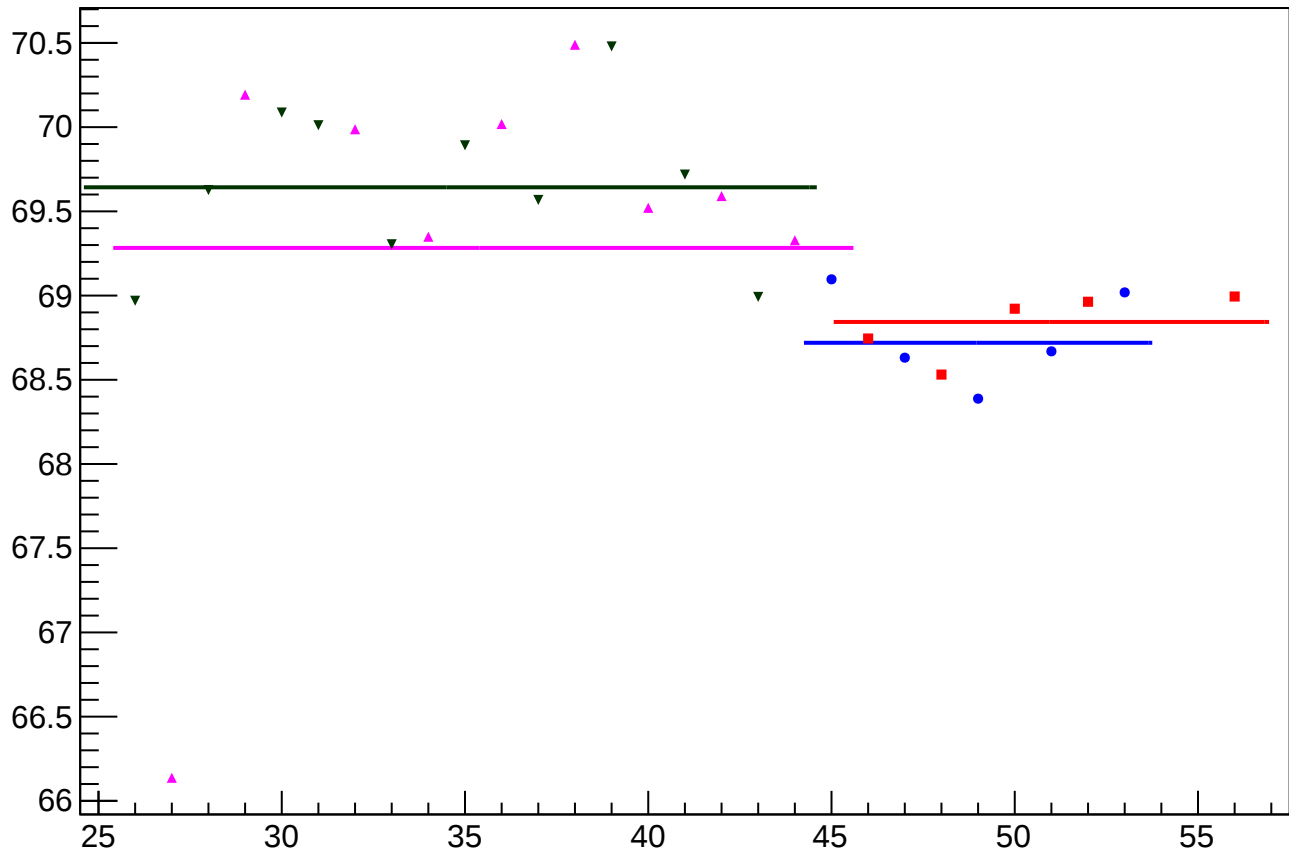
Right Out: 0.197 $\pm$ 0.000 χ^2 /NDF: 3280.5/4

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

0.187 $\pm$ 0.000 χ^2 /NDF: 81022.3/14

0.187 $\pm$ 0.000 χ^2 /NDF: 39930.3/13

yield_bcm_an_ds3_mean vs slug



Right In: 68.720 $\pm$ 0.000 χ^2 /NDF: 5373819.8/4

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

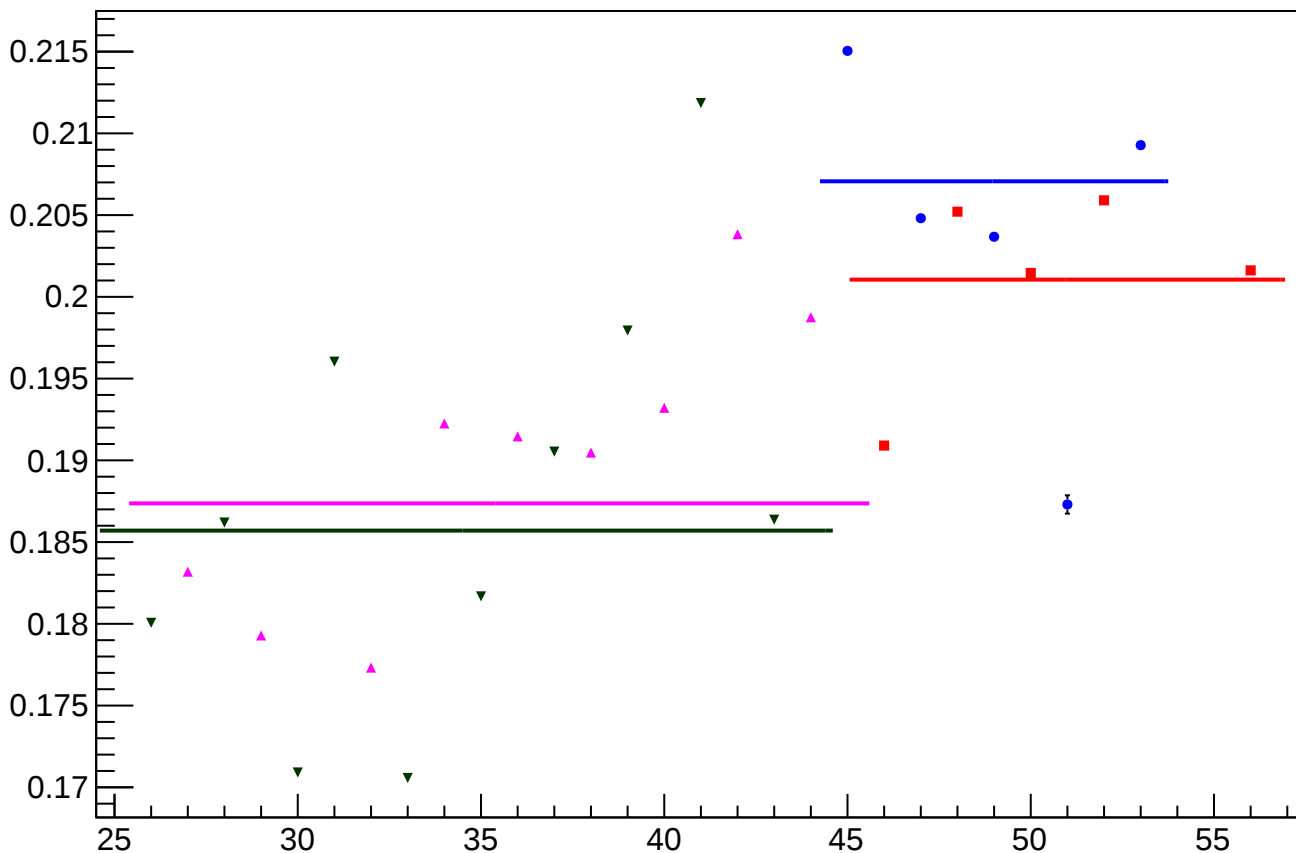
Right Out: 68.843 $\pm$ 0.000 χ^2 /NDF: 1604199.8/4

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

69.379 $\pm$ 0.000 χ^2 /NDF: 68654289.5/14

69.163 $\pm$ 0.000 χ^2 /NDF: 314321473.9/13

yield_bcm_an_ds3_rms vs slug



Right In: 0.207 $\pm$ 0.000 χ^2 /NDF: 3635.3/4

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

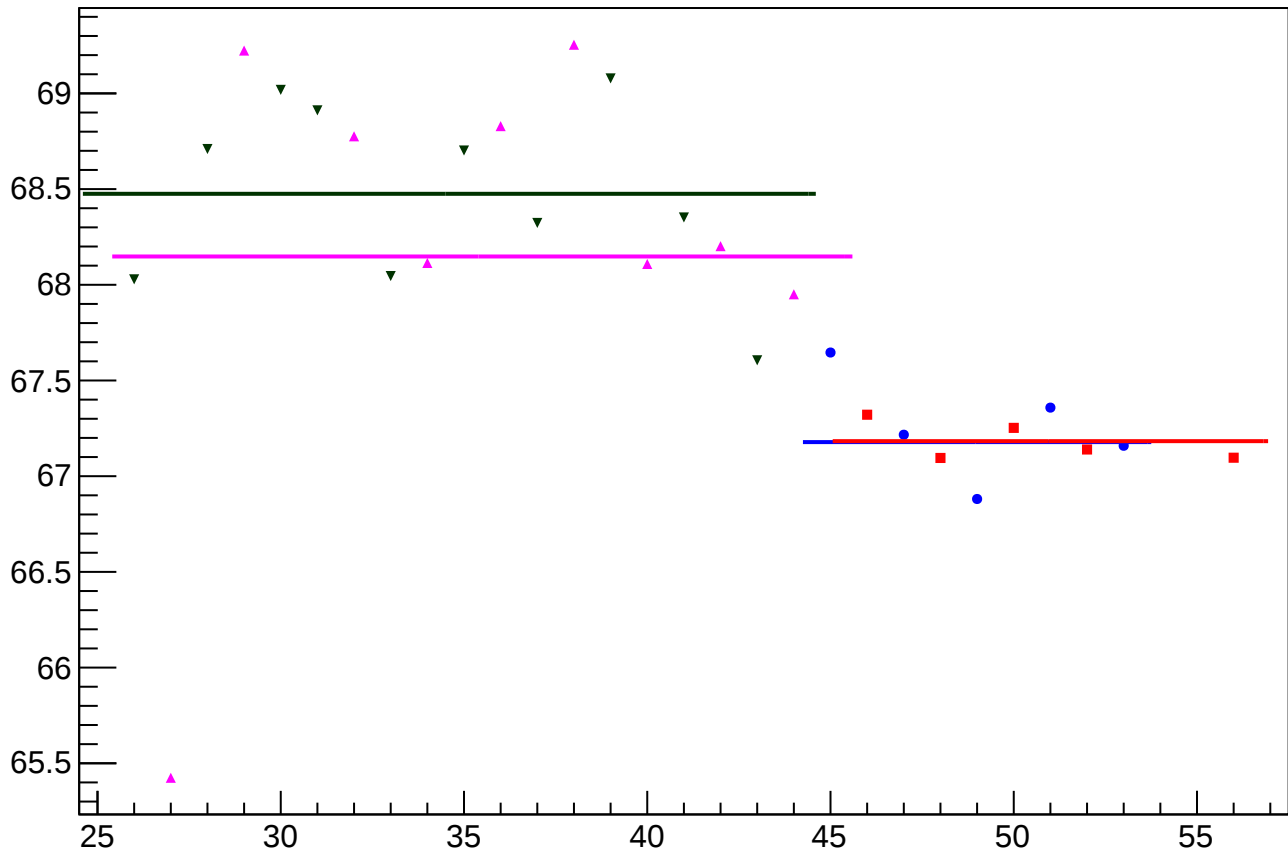
Right Out: 0.201 $\pm$ 0.000 χ^2 /NDF: 3225.6/4

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

0.192 $\pm$ 0.000 χ^2 /NDF: 81409.6/14

0.191 $\pm$ 0.000 χ^2 /NDF: 40698.9/13

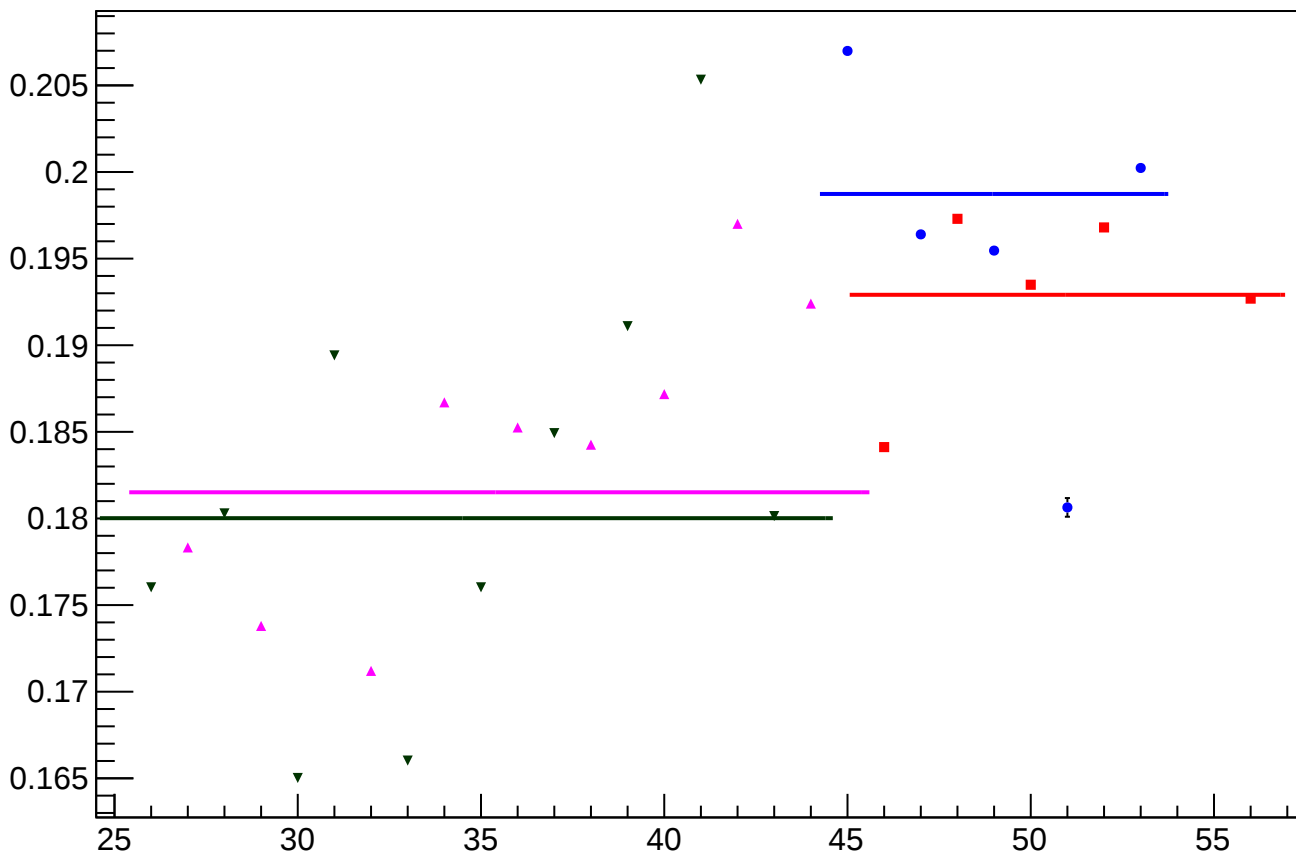
yield_bcm_an_us_mean vs slug



Right In: 67.178+/-0.000 χ^2/NDF : 5285455.2/4
 Left Out: 68.475+/-0.000 χ^2/NDF : 31409059.3/9
 Right Out: 67.183+/-0.000 χ^2/NDF : 498797.1/4
 Left In: 68.148+/-0.000 χ^2/NDF : 258142323.5/8

68.098+/-0.000 χ^2/NDF : 112006399.3/14
 67.882+/-0.000 χ^2/NDF : 300976208.3/13

yield_bcm_an_us_rms vs slug



Right In: 0.199+/-0.000 χ^2/NDF : 3737.9/4

Left Out: 0.180+/-0.000 χ^2/NDF : 38903.0/9

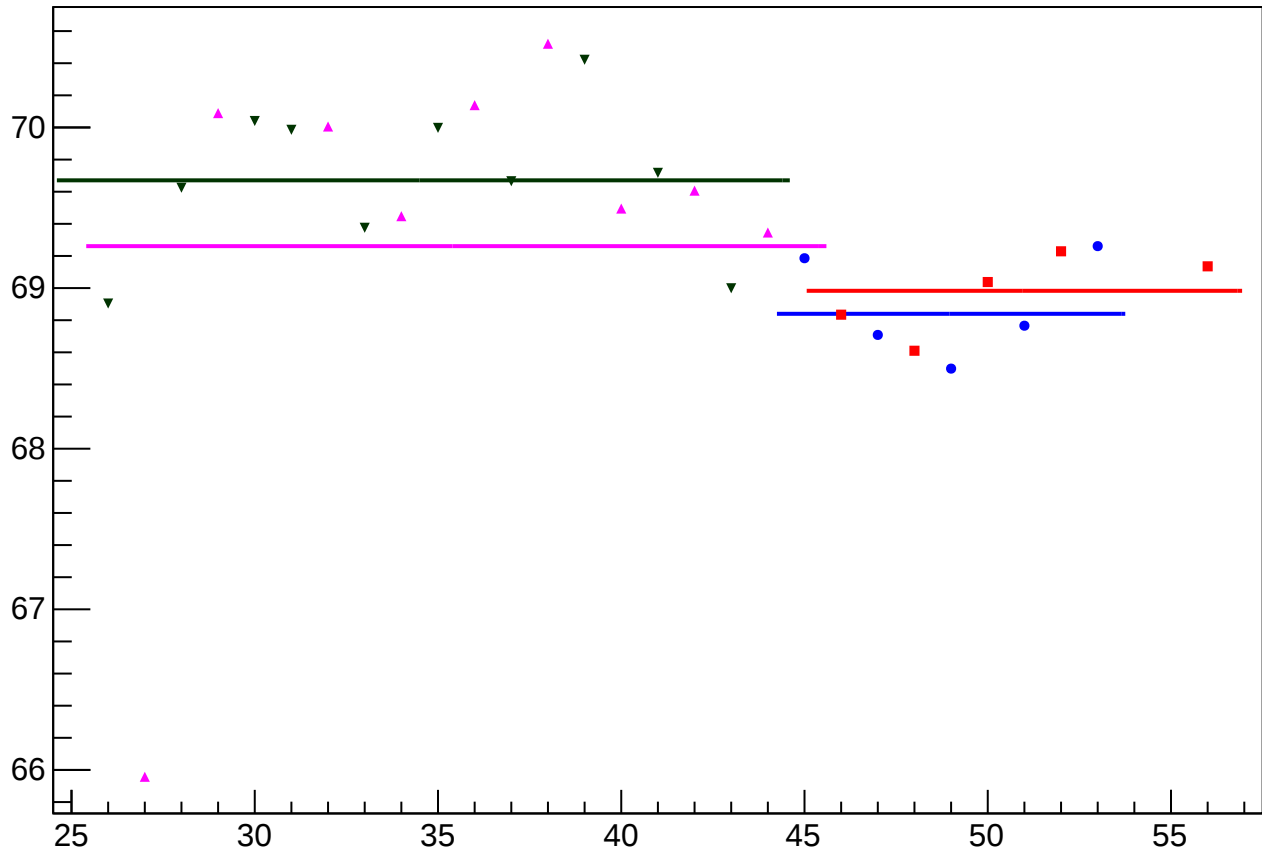
Right Out: 0.193+/-0.000 χ^2/NDF : 2680.6/4

Left In: 0.182+/-0.000 χ^2/NDF : 21618.7/8

0.185+/-0.000 χ^2/NDF : 73992.7/14

0.185+/-0.000 χ^2/NDF : 36119.2/13

yield_bcm_dg_us_mean vs slug



Right In: 68.840+/-0.000 χ^2/NDF : 5784470.4/4

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

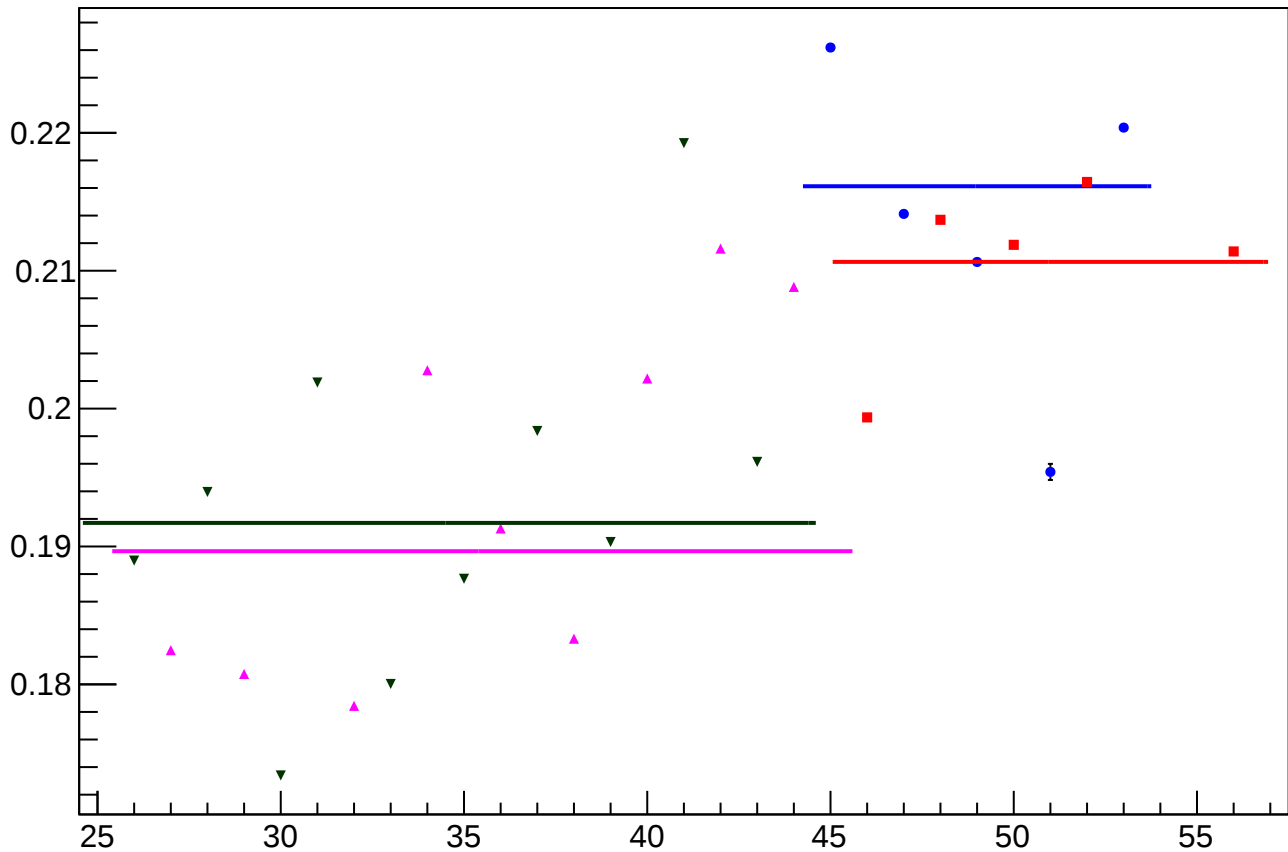
Right Out: 68.983+/-0.000 χ^2/NDF : 2459668.5/4

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

69.437+/-0.000 χ^2/NDF : 58494717.2/14

69.189+/-0.000 χ^2/NDF : 339577322.5/13

yield_bcm_dg_us_rms vs slug



Right In: 0.216 $\pm$ 0.000 χ^2 /NDF: 5339.1/4

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

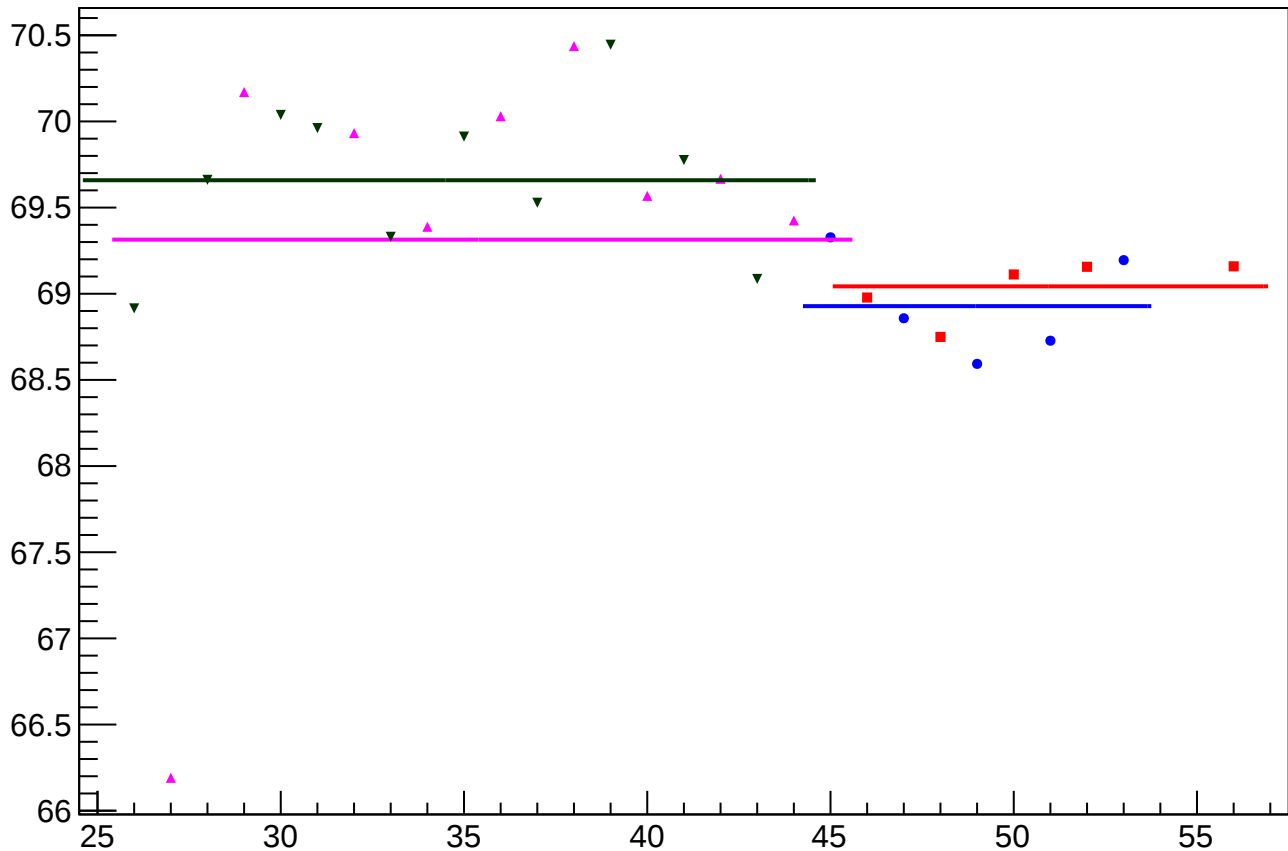
Right Out: 0.211 $\pm$ 0.000 χ^2 /NDF: 3557.6/4

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

0.199 $\pm$ 0.000 χ^2 /NDF: 88638.6/14

0.195 $\pm$ 0.000 χ^2 /NDF: 79471.5/13

yield_bcm_dg_ds_mean vs slug



Right In: 68.928+/-0.000 χ^2/NDF : 5312096.4/4

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

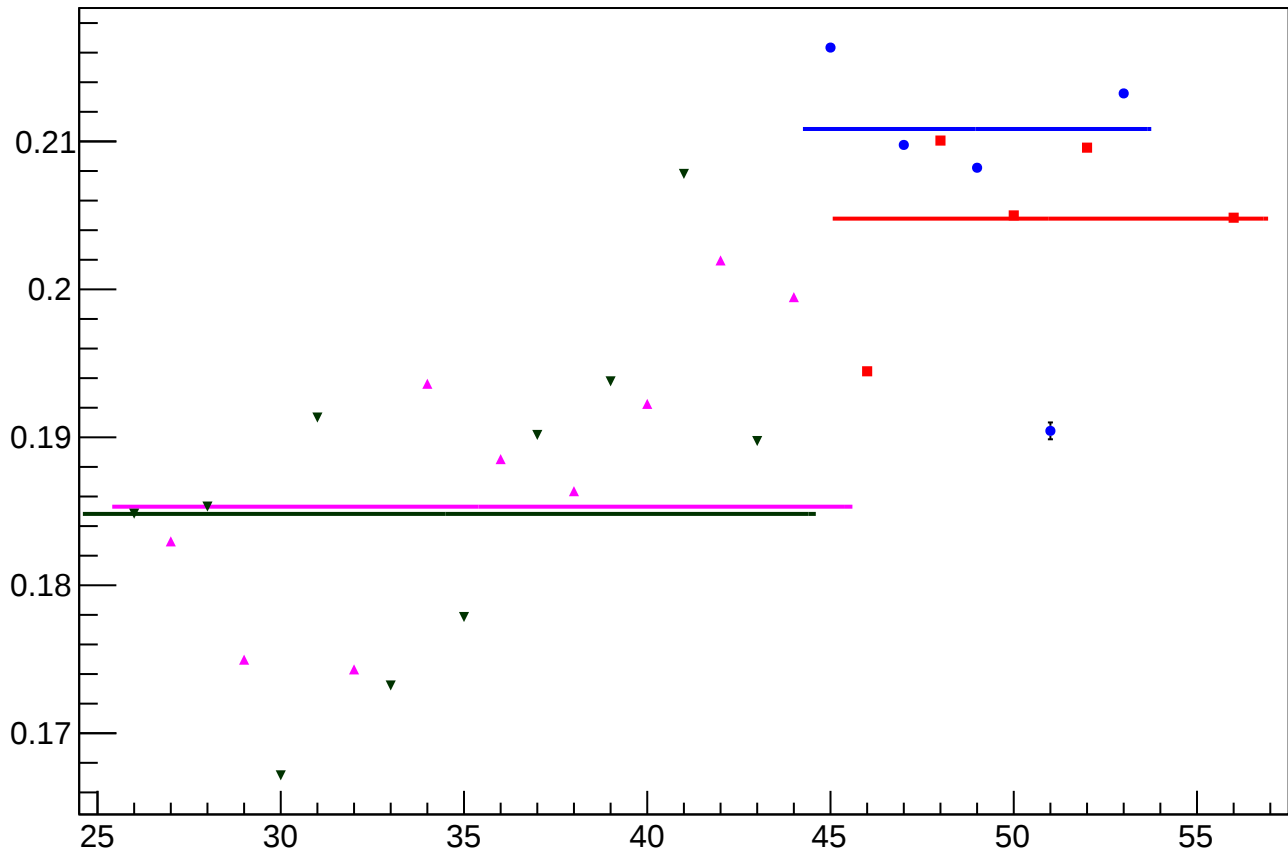
Right Out: 69.043+/-0.000 χ^2/NDF : 1230331.4/4

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

69.456+/-0.000 χ^2/NDF : 52905018.6/14

69.243+/-0.000 χ^2/NDF : 299362530.8/13

yield_bcm_dg_ds_rms vs slug



Right In: 0.211+/-0.000 χ^2/NDF : 2506.5/4

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

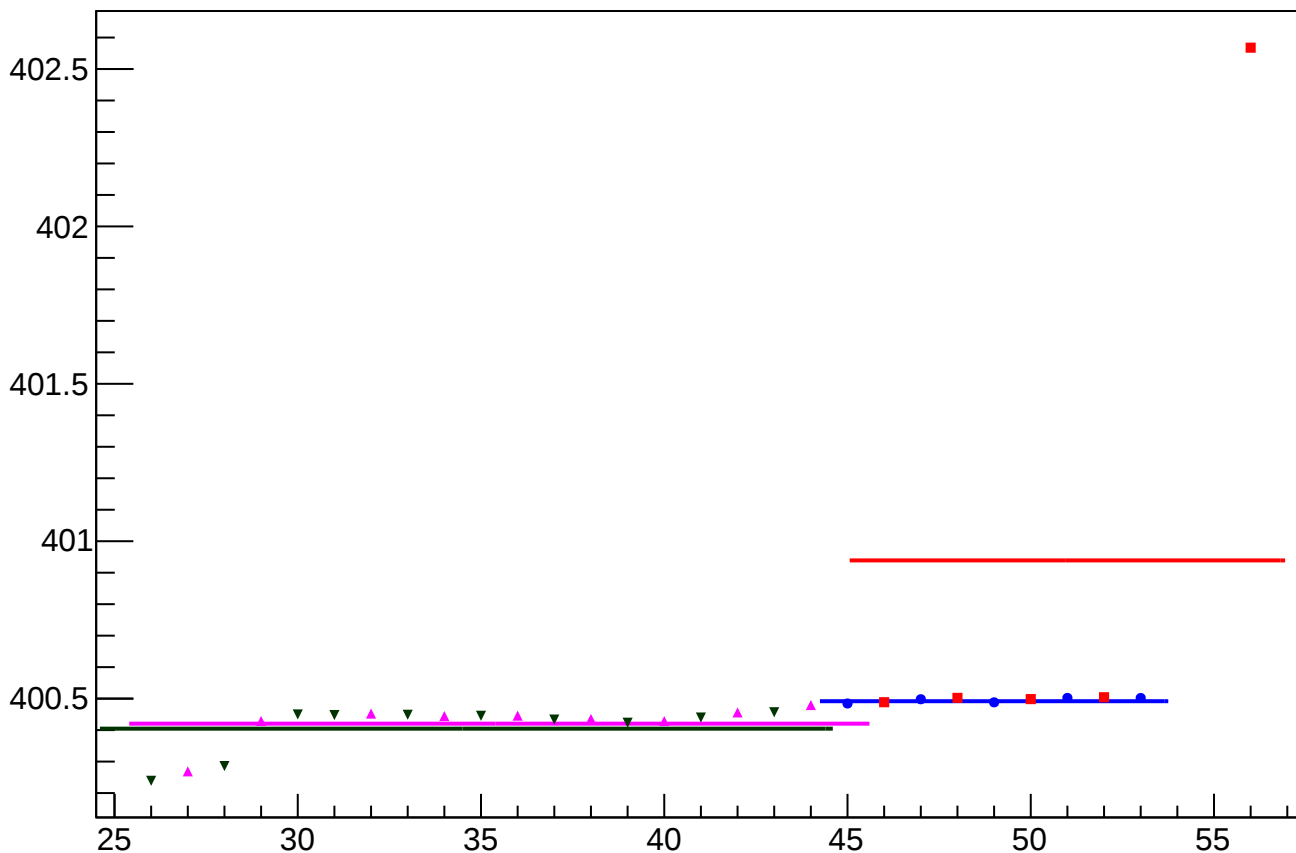
0.192+/-0.000 χ^2/NDF : 92641.8/14

Right Out: 0.205+/-0.000 χ^2/NDF : 3361.8/4

0.190+/-0.000 χ^2/NDF : 62595.4/13

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

yield_cav4bQ_mean vs slug



Right In: 400.492 ± 0.000 χ^2/NDF : 2639888.7/4

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

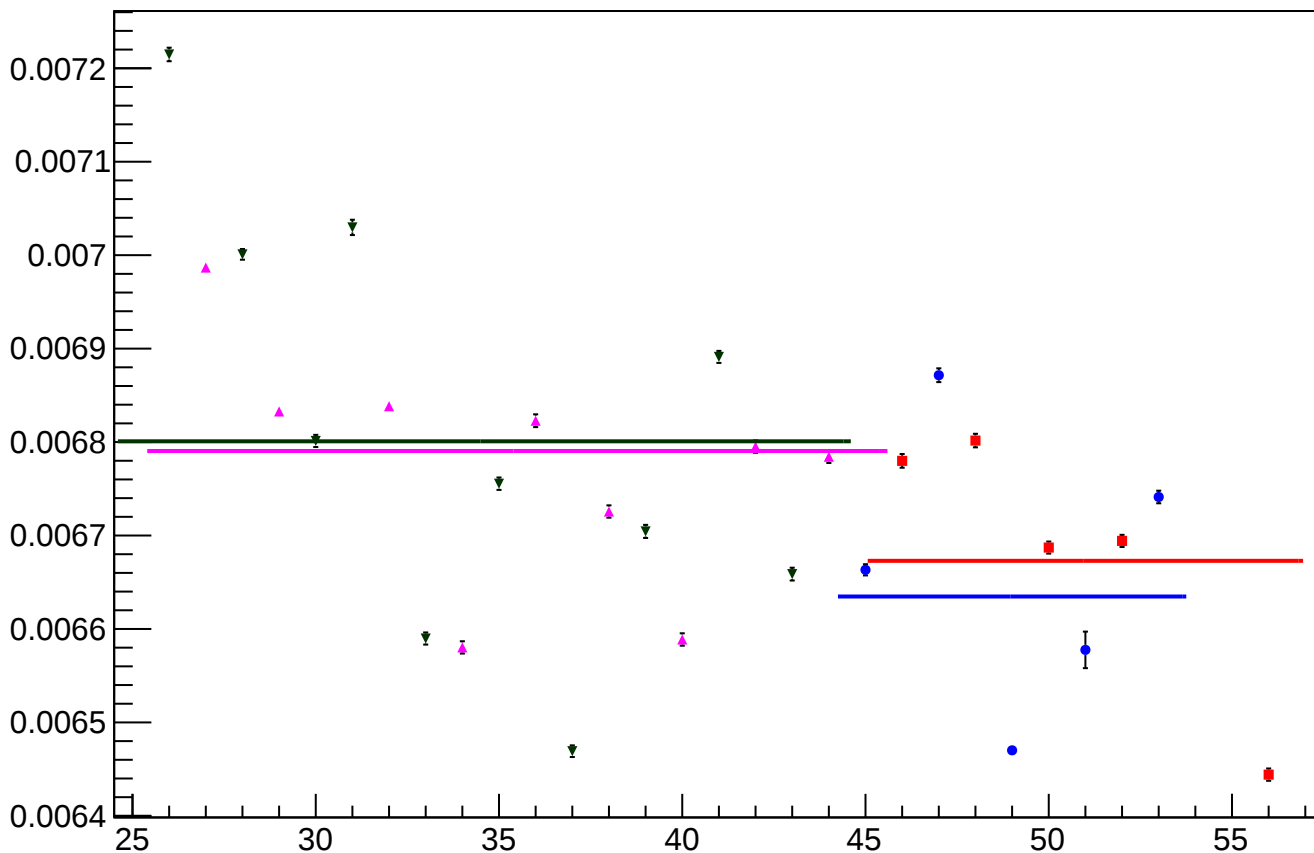
400.434 ± 0.000 χ^2/NDF : 905404425.7/14

Right Out: 400.939 ± 0.000 χ^2/NDF : 38722157271.2/4

400.579 ± 0.000 χ^2/NDF : 49295856482.3/13

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

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2516.0/4

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

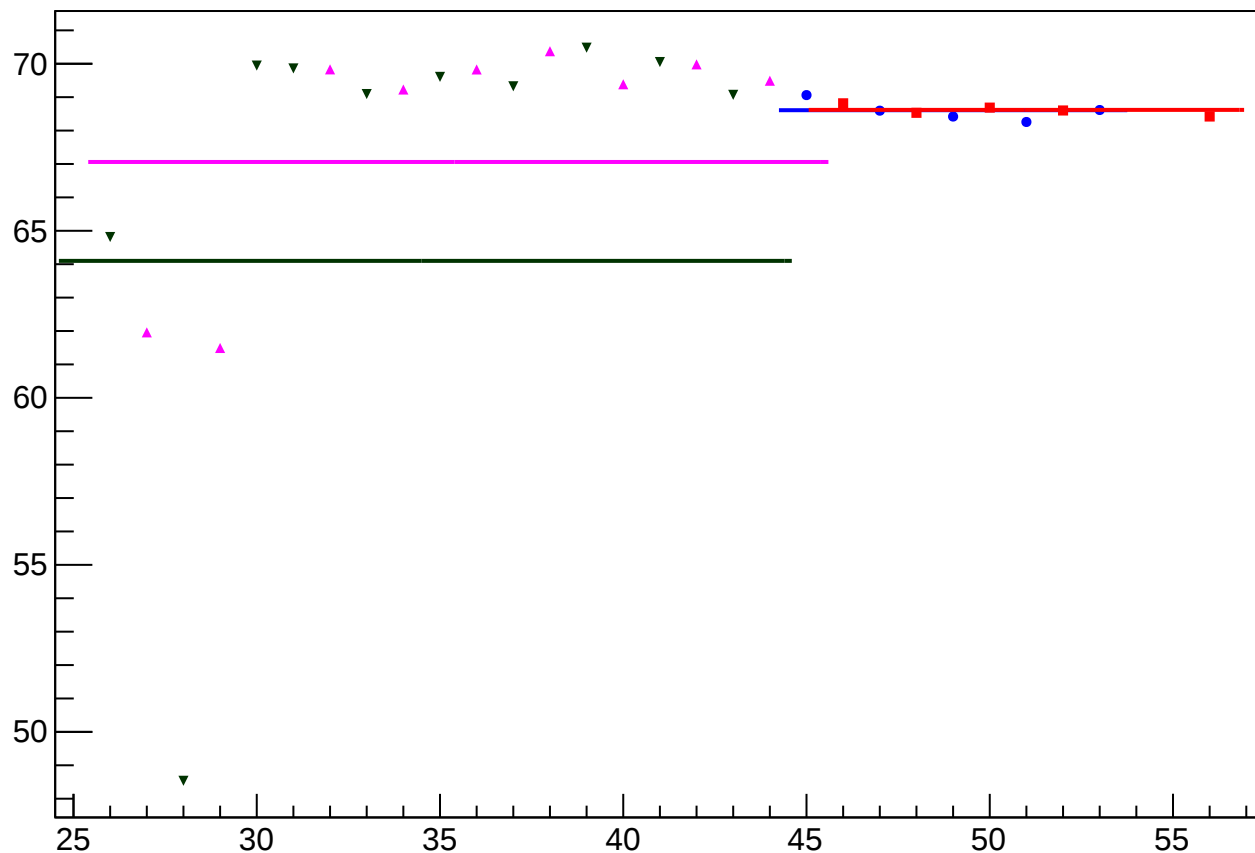
Right Out: 0.007+/-0.000 χ^2/NDF : 1743.6/4

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

0.007+/-0.000 χ^2/NDF : 14602.3/14

0.007+/-0.000 χ^2/NDF : 6347.5/13

yield_cav4cQ_mean vs slug



Right In: 68.610+/-0.000 χ^2/NDF : 2546668.0/4

Left Out: 64.100+/-0.000 χ^2/NDF : 8515869637.9/9

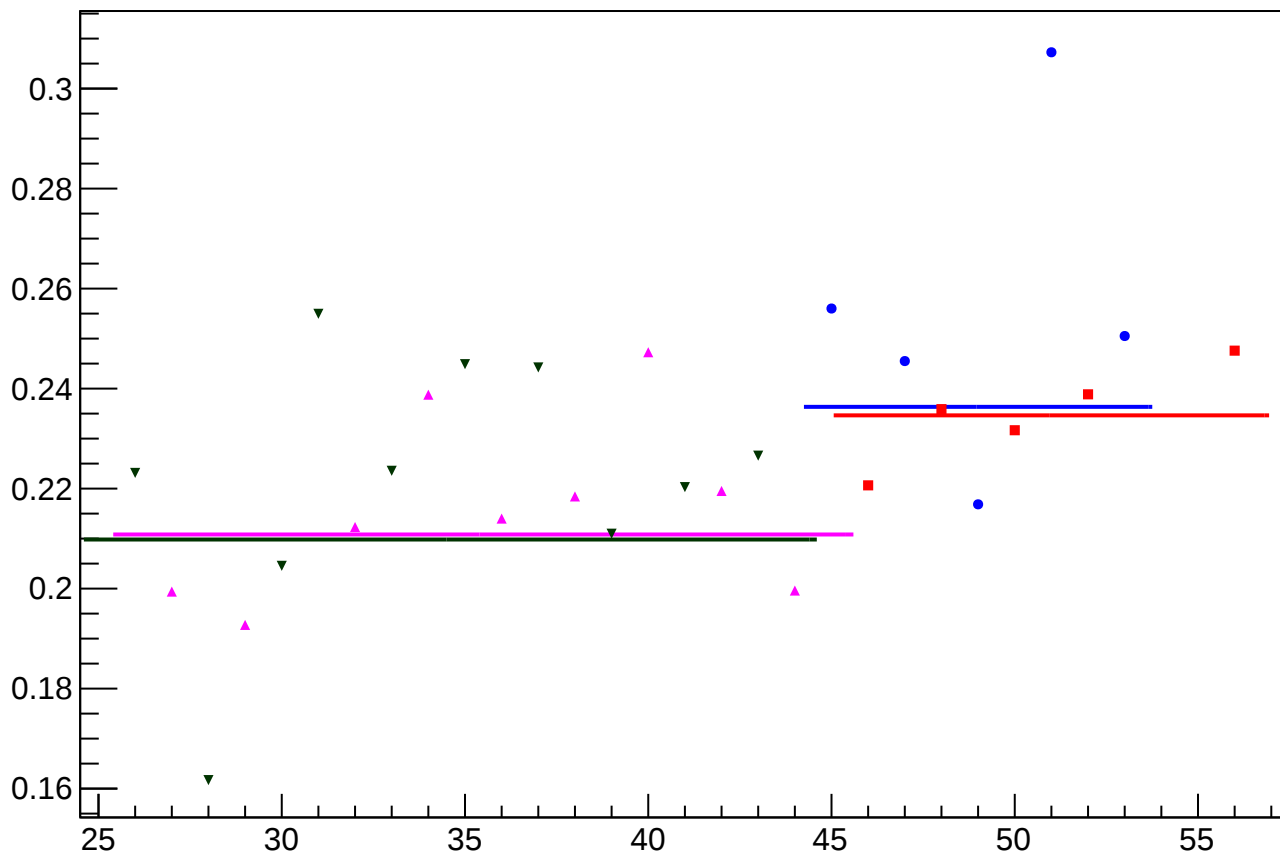
Right Out: 68.619+/-0.000 χ^2/NDF : 698277.1/4

Left In: 67.060+/-0.000 χ^2/NDF : 1652976727.1/8

65.395+/-0.000 χ^2/NDF : 9134692201.6/14

67.469+/-0.000 χ^2/NDF : 1726373898.8/13

yield_cav4cQ_rms vs slug



Right In: 0.236+/-0.000 χ^2/NDF : 31387.7/4

Left Out: 0.210+/-0.000 χ^2/NDF :194381.5/9

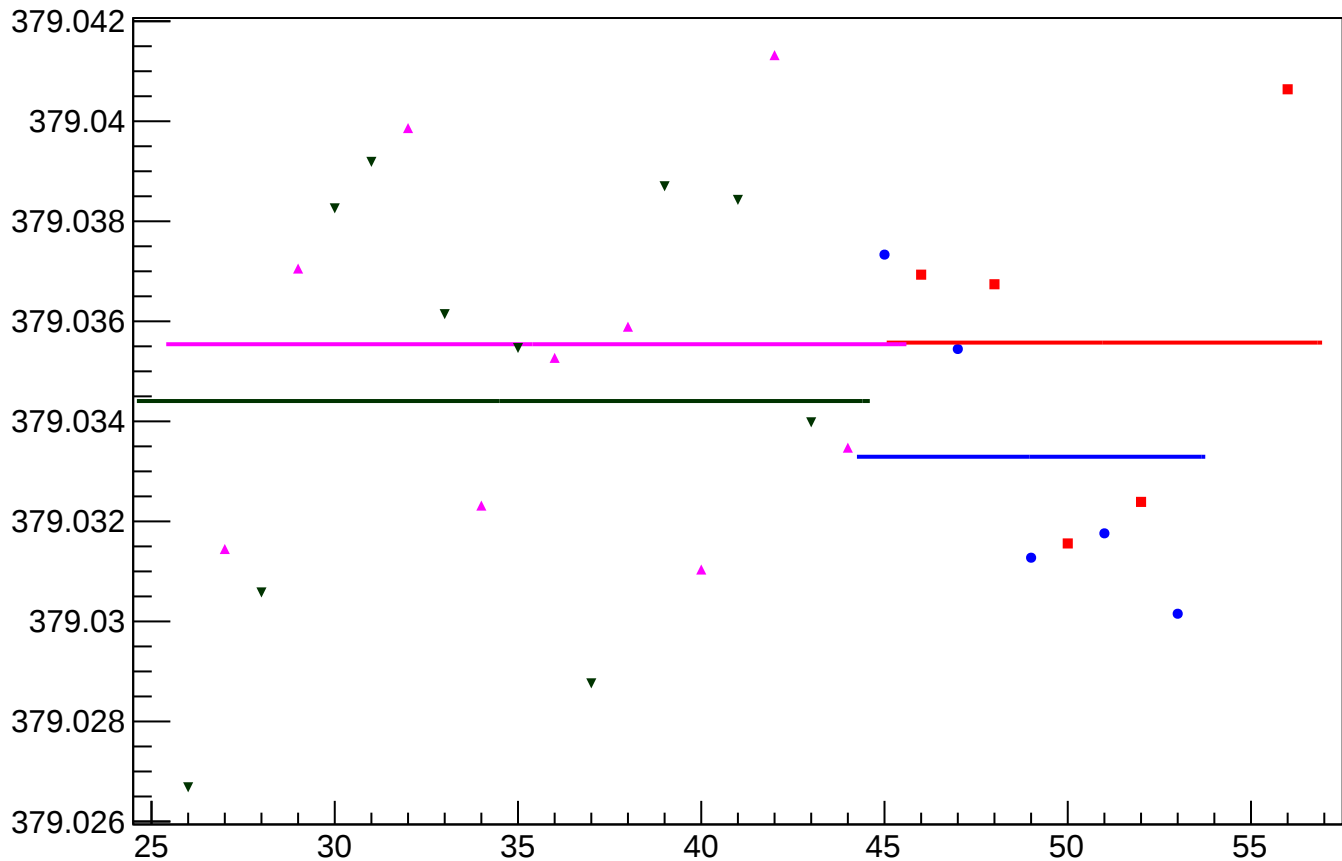
Right Out: 0.235+/-0.000 χ^2/NDF : 6095.1/4

Left In: 0.211+/-0.000 χ^2/NDF :55422.0/8

0.217+/-0.000 χ^2/NDF : 268423.6/14

0.217+/-0.000 χ^2/NDF : 95476.4/13

yield_cav4dQ_mean vs slug



Right In: 379.033 ± 0.000 χ^2/NDF : 437937.3/4

Left Out: 379.034 ± 0.000 χ^2/NDF : 1980422.2/9

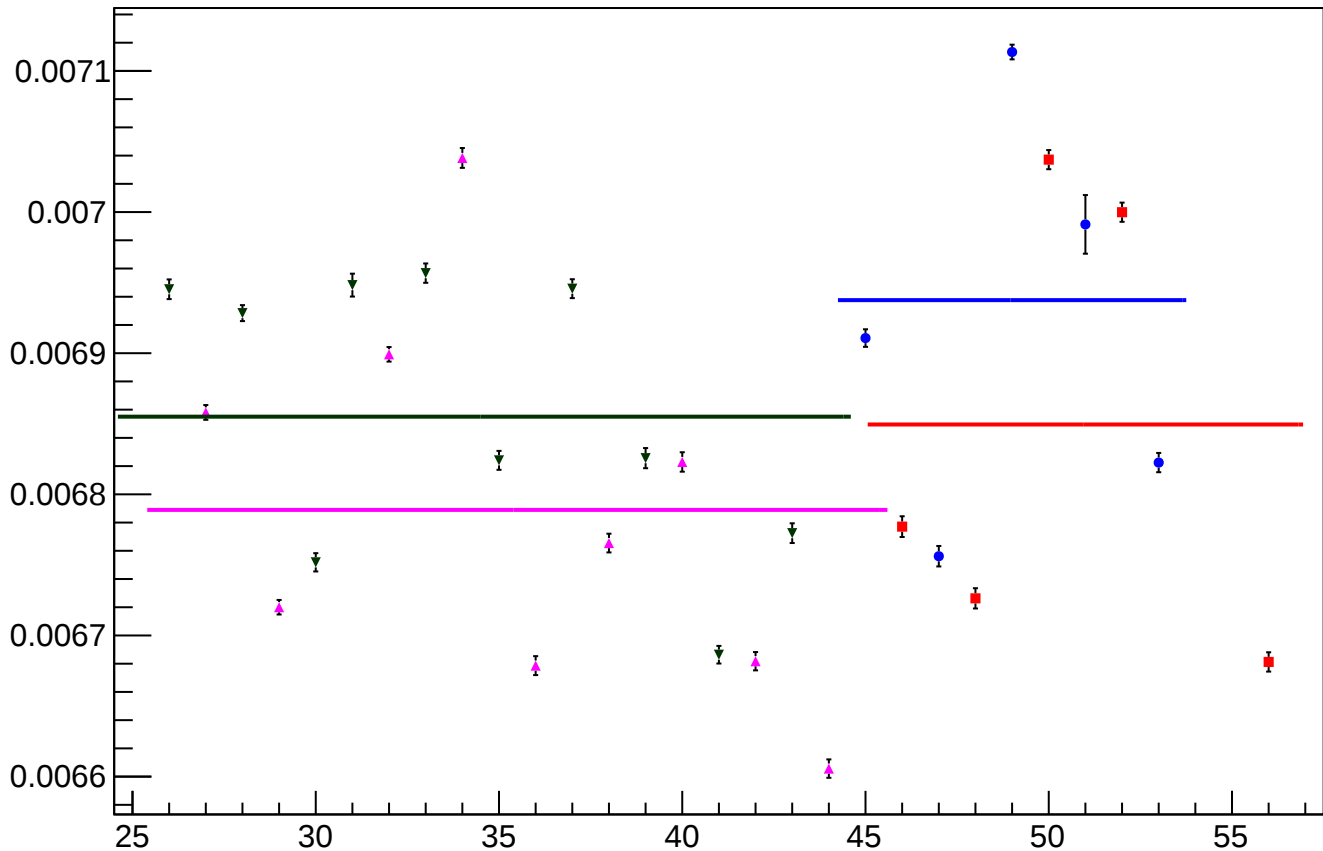
Right Out: 379.036 ± 0.000 χ^2/NDF : 589118.3/4

Left In: 379.036 ± 0.000 χ^2/NDF : 1469093.4/8

379.034 ± 0.000 χ^2/NDF : 2462715.4/14

379.036 ± 0.000 χ^2/NDF : 2058249.9/13

yield_cav4dQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 2074.1/4

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:2032.2/9

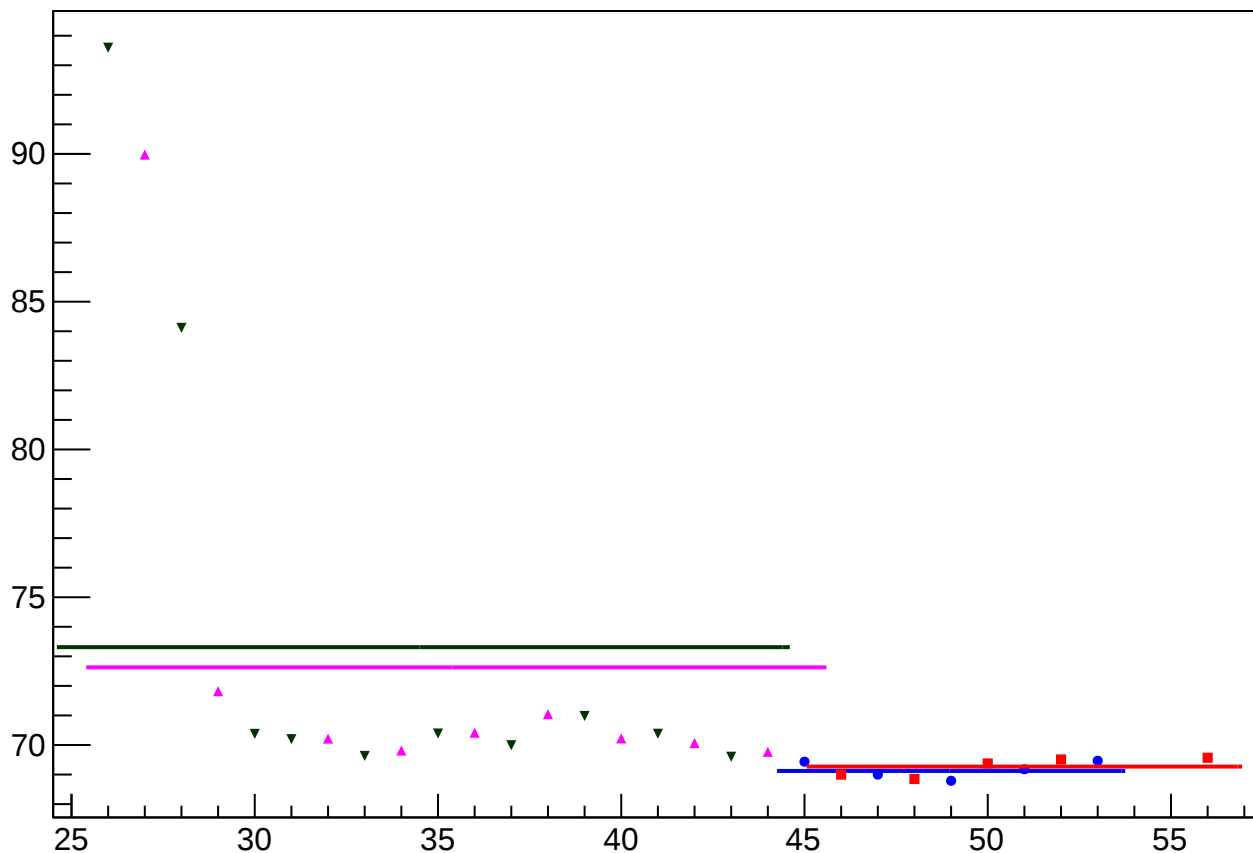
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 2250.1/4

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3439.6/8

0.007 $\pm$ 0.000 χ^2 /NDF: 4593.6/14

0.007 $\pm$ 0.000 χ^2 /NDF: 5954.6/13

yield_bcm0l02_mean vs slug



Right In: 69.122 ± 0.000 χ^2/NDF : 2905045.1/4

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

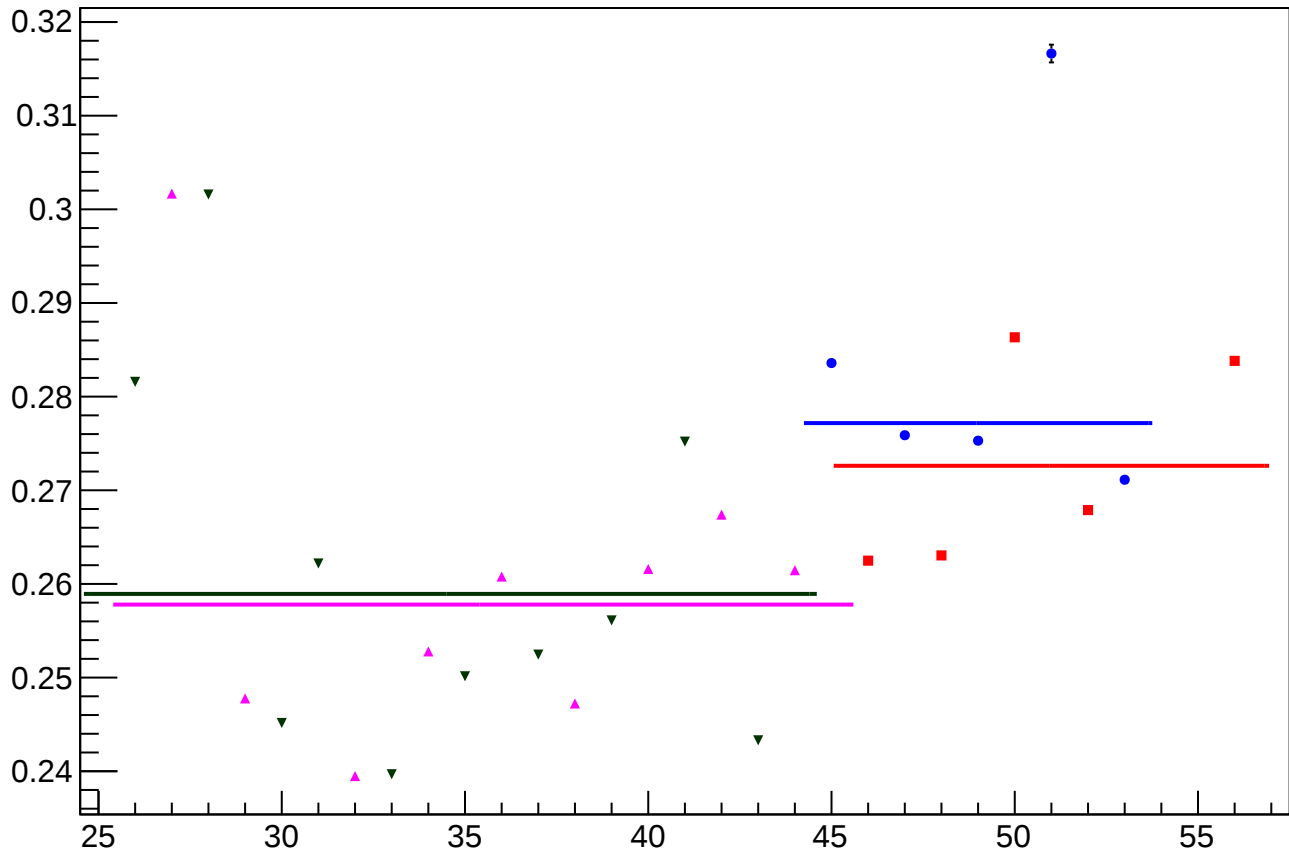
Right Out: 69.269 ± 0.000 χ^2/NDF : 2465785.8/4

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

72.015 ± 0.000 χ^2/NDF : 4103603566.5/14

71.686 ± 0.000 χ^2/NDF : 3181178173.0/13

yield_bcm0l02_rms vs slug



Right In: 0.277+/-0.000 χ^2/NDF : 2928.9/4

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

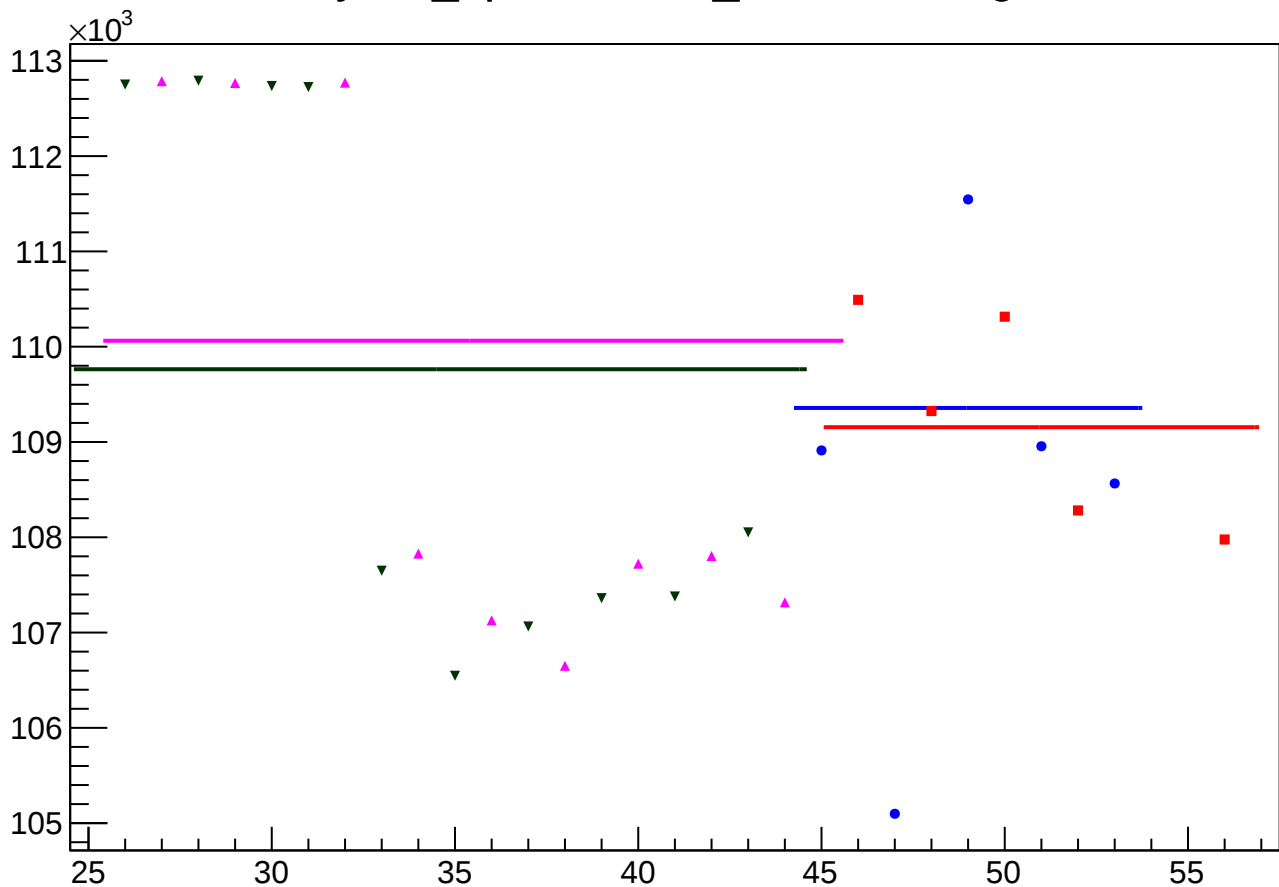
0.265+/-0.000 χ^2/NDF : 65343.9/14

Right Out: 0.273+/-0.000 χ^2/NDF : 6376.2/4

0.262+/-0.000 χ^2/NDF : 65329.6/13

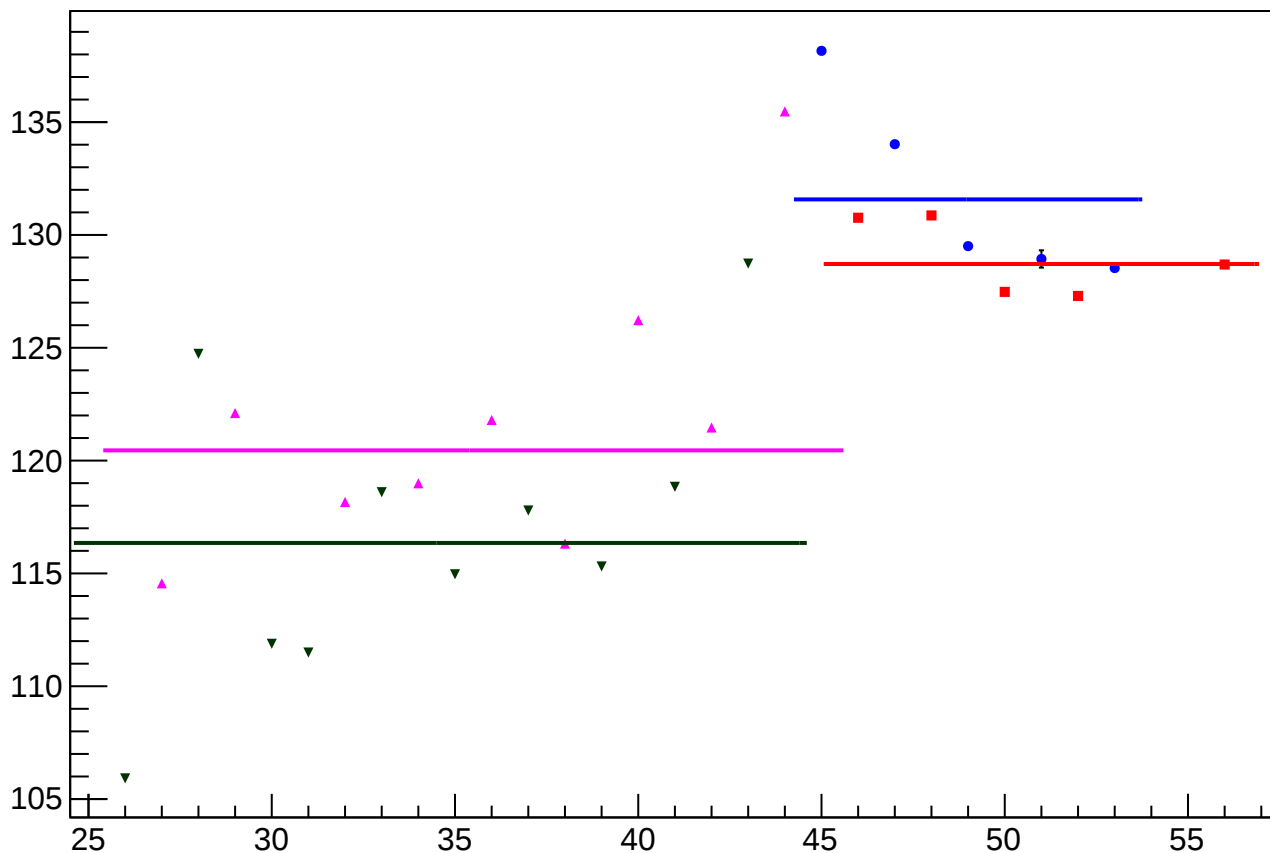
Left In: 0.258+/-0.000 χ^2/NDF : 49222.3/8

yield_bpm2i01WS_mean vs slug



Right In: 109357.209 $\pm$ 0.087	χ^2 /NDF: 639886495.5/4	109650.600 $\pm$ 0.046	χ^2 /NDF: 3241221386.7/14
Left Out: 109763.312 $\pm$ 0.054	χ^2 /NDF: 2585526424.9/9		
Right Out: 109155.123 $\pm$ 0.087	χ^2 /NDF: 136206339.7/4	109813.342 $\pm$ 0.045	χ^2 /NDF: 2805709518.4/13
Left In: 110062.231 $\pm$ 0.053	χ^2 /NDF: 2589926778.7/8		

yield_bpm2i01WS_rms vs slug



Right In: 131.575 $\pm$ 0.061 χ^2/NDF : 3484.9/4

Left Out: 116.351 $\pm$ 0.038 χ^2/NDF : 26842.3/9

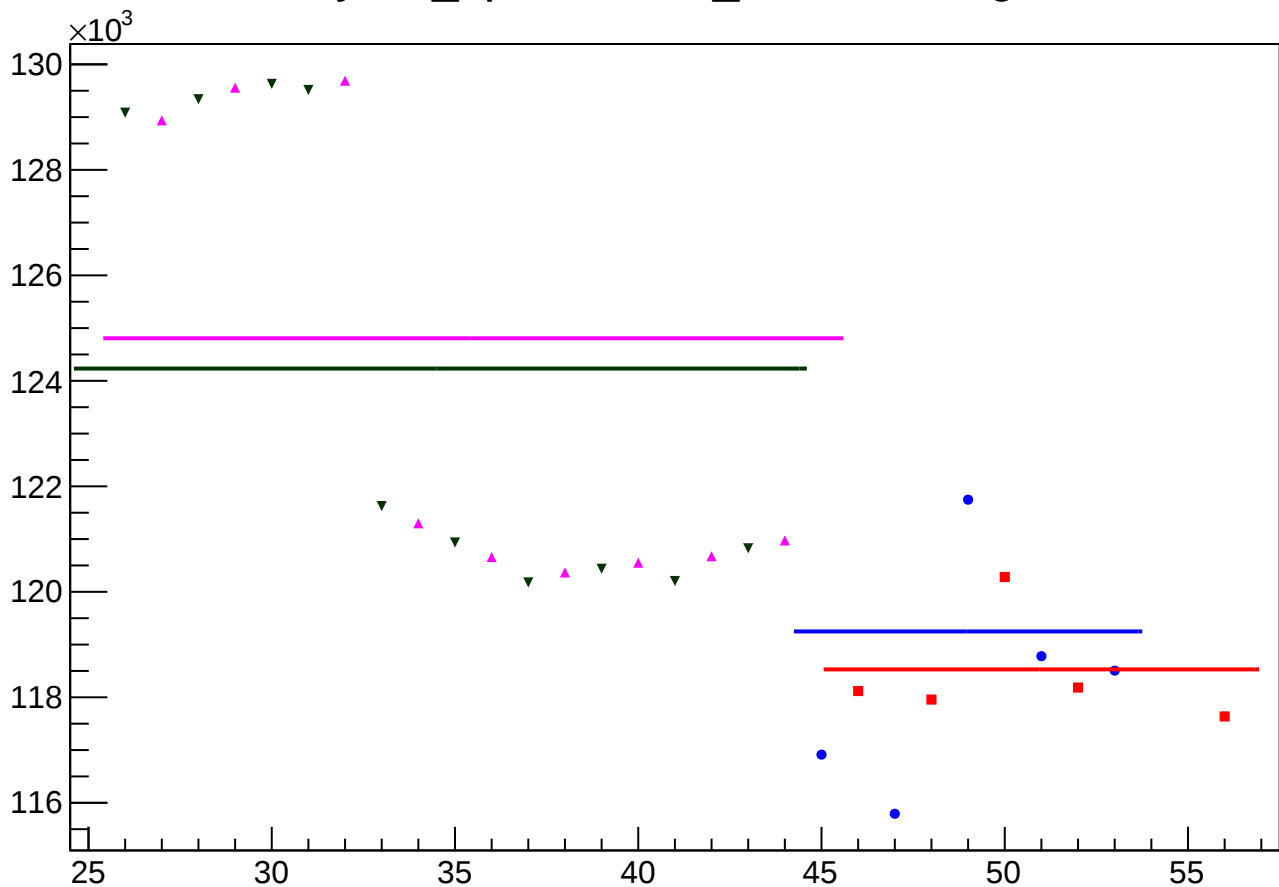
Right Out: 128.712 $\pm$ 0.061 χ^2/NDF : 589.4/4

Left In: 120.454 $\pm$ 0.038 χ^2/NDF : 19093.6/8

120.576 $\pm$ 0.032 χ^2/NDF : 74762.9/14

122.720 $\pm$ 0.032 χ^2/NDF : 32874.8/13

yield_bpm0i07WS_mean vs slug



Right In: 119248.868 $\pm$ 0.133 χ^2 /NDF: 301787637.7/4

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

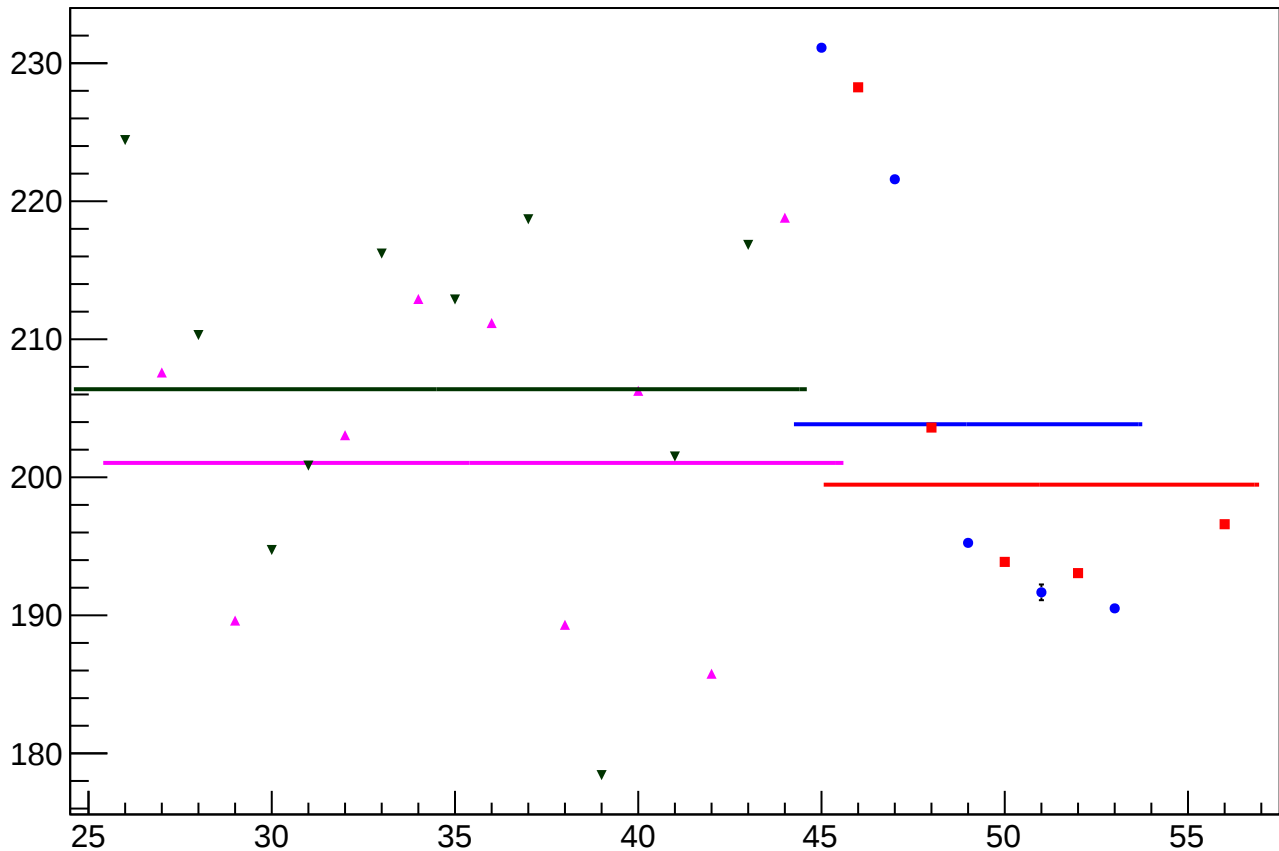
Right Out: 118529.321 $\pm$ 0.134 χ^2 /NDF: 57626693.5/4

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

122620.553 $\pm$ 0.075 χ^2 /NDF: 3474111358.6/14

122999.630 $\pm$ 0.072 χ^2 /NDF: 4236801430.0/13

yield_bpm0i07WS_rms vs slug



Right In: 203.843 ± 0.094 χ^2/NDF : 28703.3/4

Left Out: 206.382 ± 0.065 χ^2/NDF : 41185.7/9

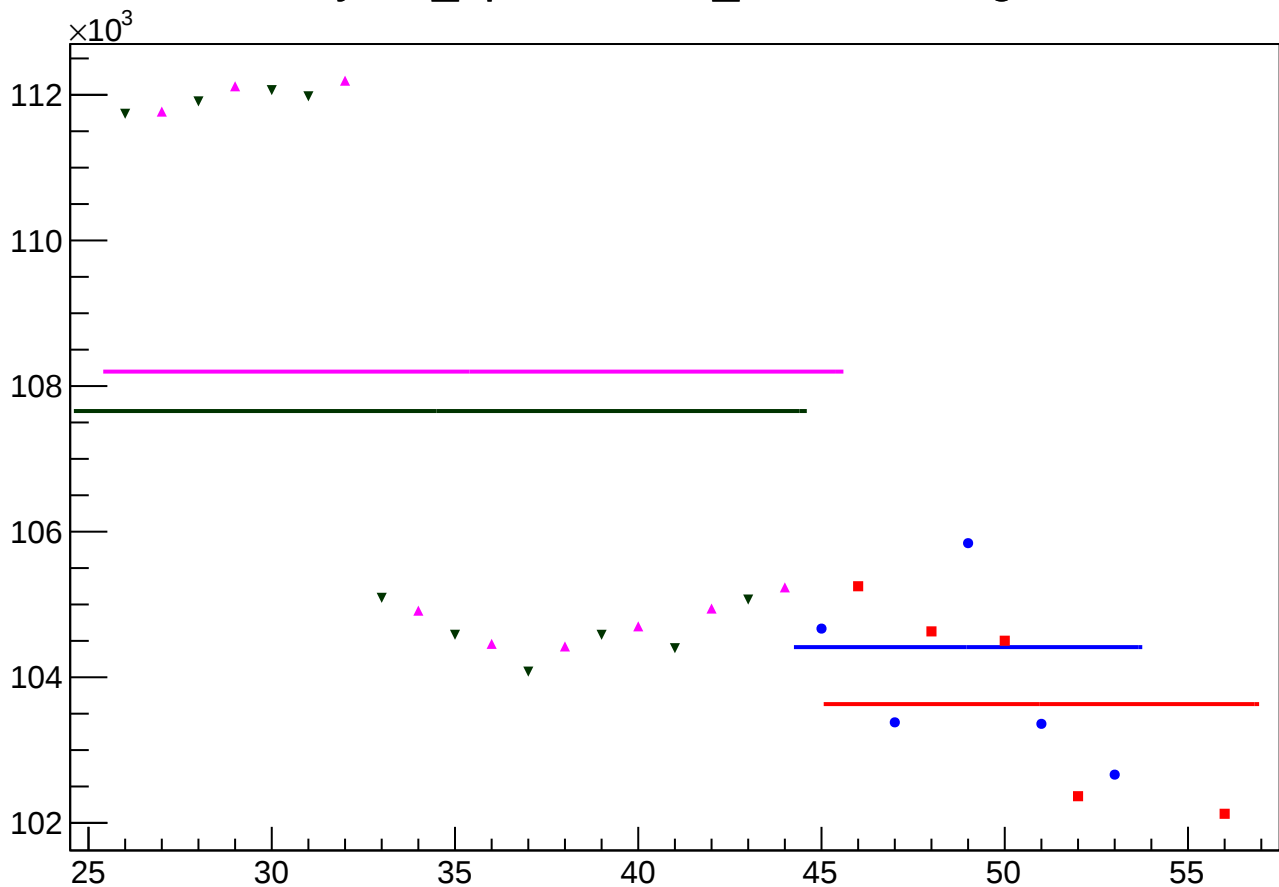
Right Out: 199.467 ± 0.095 χ^2/NDF : 11795.6/4

Left In: 201.043 ± 0.060 χ^2/NDF : 31613.9/8

205.560 ± 0.053 χ^2/NDF : 70385.0/14

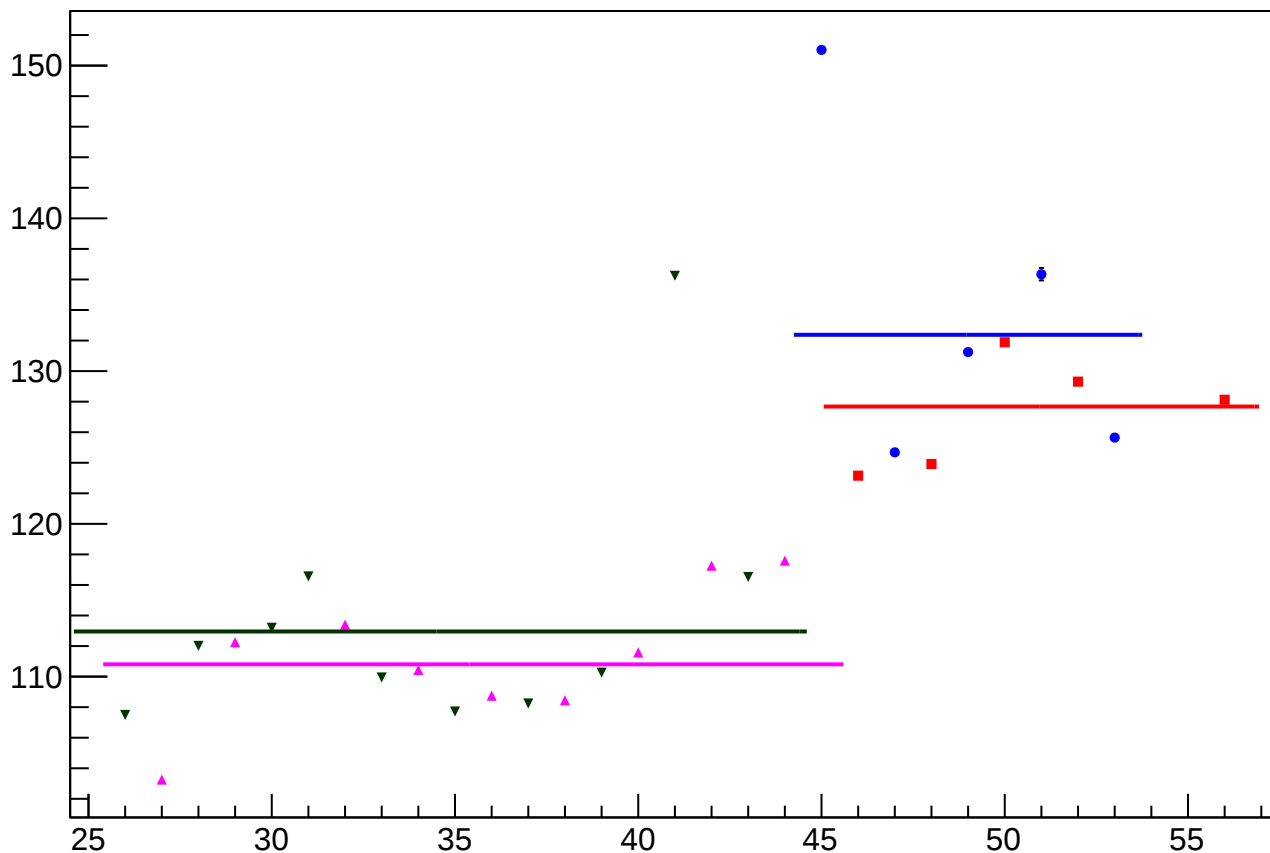
200.589 ± 0.051 χ^2/NDF : 43607.2/13

yield_bpm0l01WS_mean vs slug



Right In: 104414.263 $\pm$ 0.086	χ^2 /NDF: 234441110.7/4	106834.535 $\pm$ 0.044	χ^2 /NDF: 6421488041.9/14
Left Out: 107656.991 $\pm$ 0.050	χ^2 /NDF: 5135639688.0/9		
Right Out: 103631.675 $\pm$ 0.086	χ^2 /NDF: 214355374.4/4	107147.262 $\pm$ 0.041	χ^2 /NDF: 8388155376.7/13
Left In: 108198.580 $\pm$ 0.047	χ^2 /NDF: 5989856583.8/8		

yield_bpm0l01WS_rms vs slug



Right In: 132.377 ± 0.061 $\chi^2/\text{NDF}: 22040.7/4$

Left Out: 112.955 ± 0.036 $\chi^2/\text{NDF}: 43068.9/9$

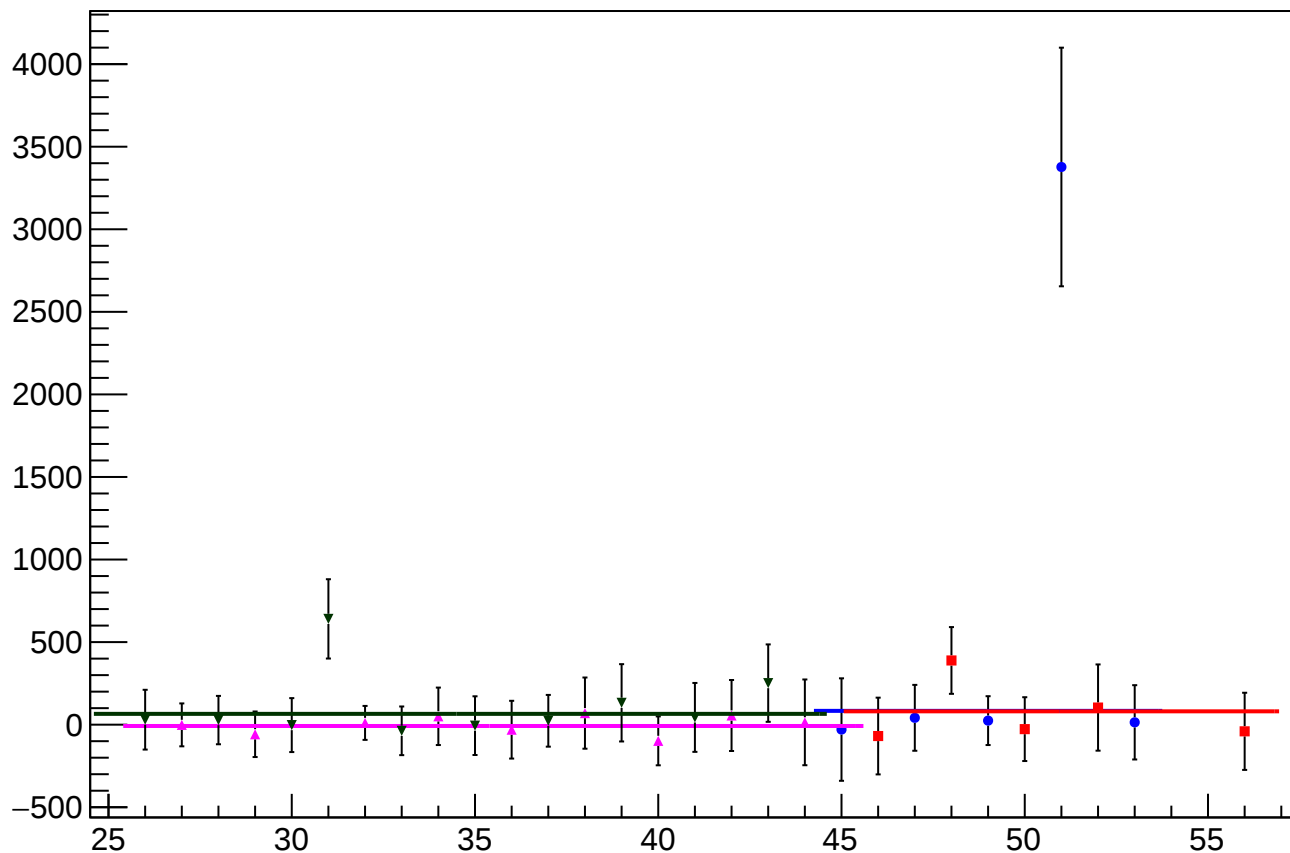
Right Out: 127.681 ± 0.061 $\chi^2/\text{NDF}: 2764.4/4$

Left In: 110.804 ± 0.033 $\chi^2/\text{NDF}: 17540.0/8$

117.881 ± 0.031 $\chi^2/\text{NDF}: 140548.6/14$

114.689 ± 0.029 $\chi^2/\text{NDF}: 79957.1/13$

asym_bcm_an_ds_mean vs slug



Right In: 83.611 $\pm$ 98.571 χ^2/NDF : 21.2/4

Left Out: 65.484 $\pm$ 56.811 χ^2/NDF : 7.5/9

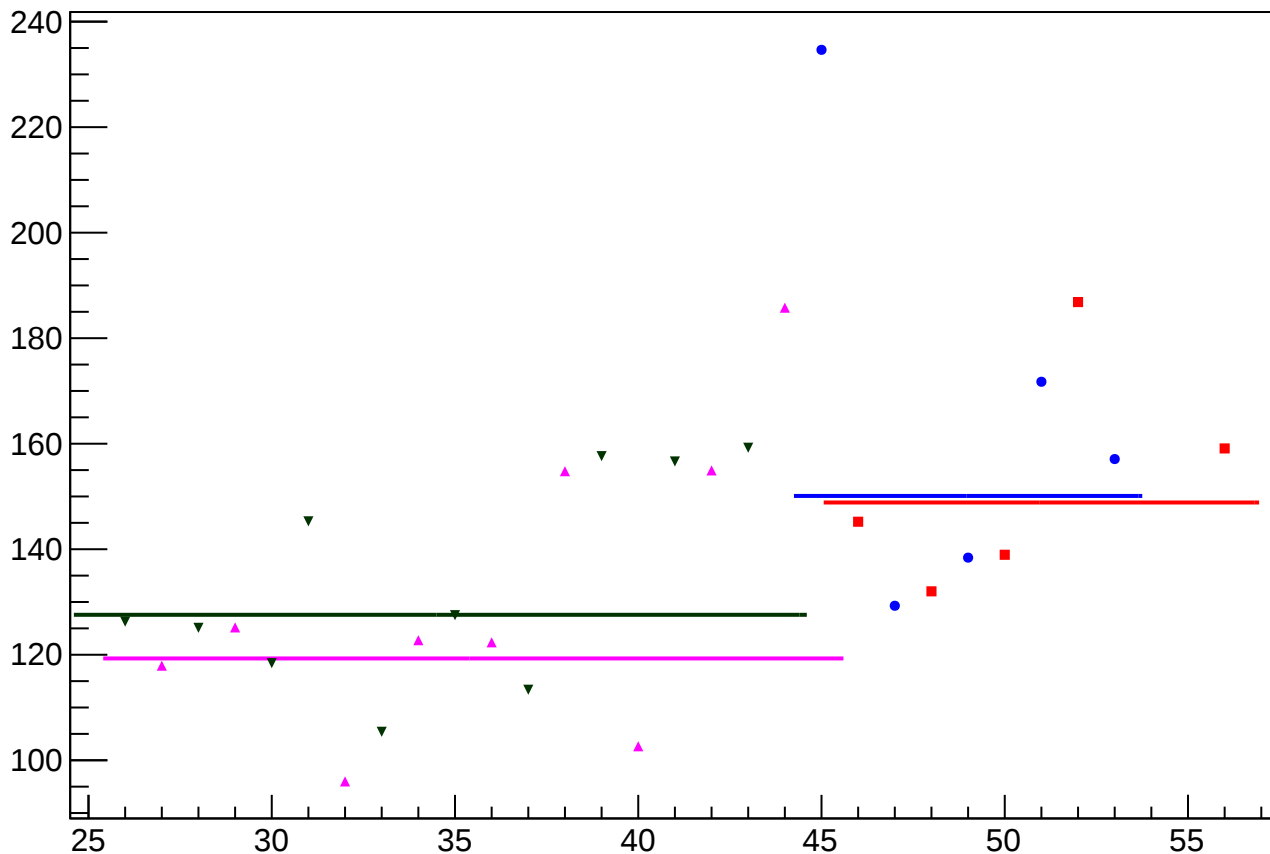
Right Out: 80.784 $\pm$ 98.639 χ^2/NDF : 3.3/4

Left In: -7.966 $\pm$ 51.584 χ^2/NDF : 0.9/8

70.004 $\pm$ 49.221 χ^2/NDF : 28.7/14

11.093 $\pm$ 45.711 χ^2/NDF : 4.9/13

asym_bcm_an_ds_rms vs slug



Right In: 150.101+/-0.070 χ^2/NDF : 186534.0/4

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

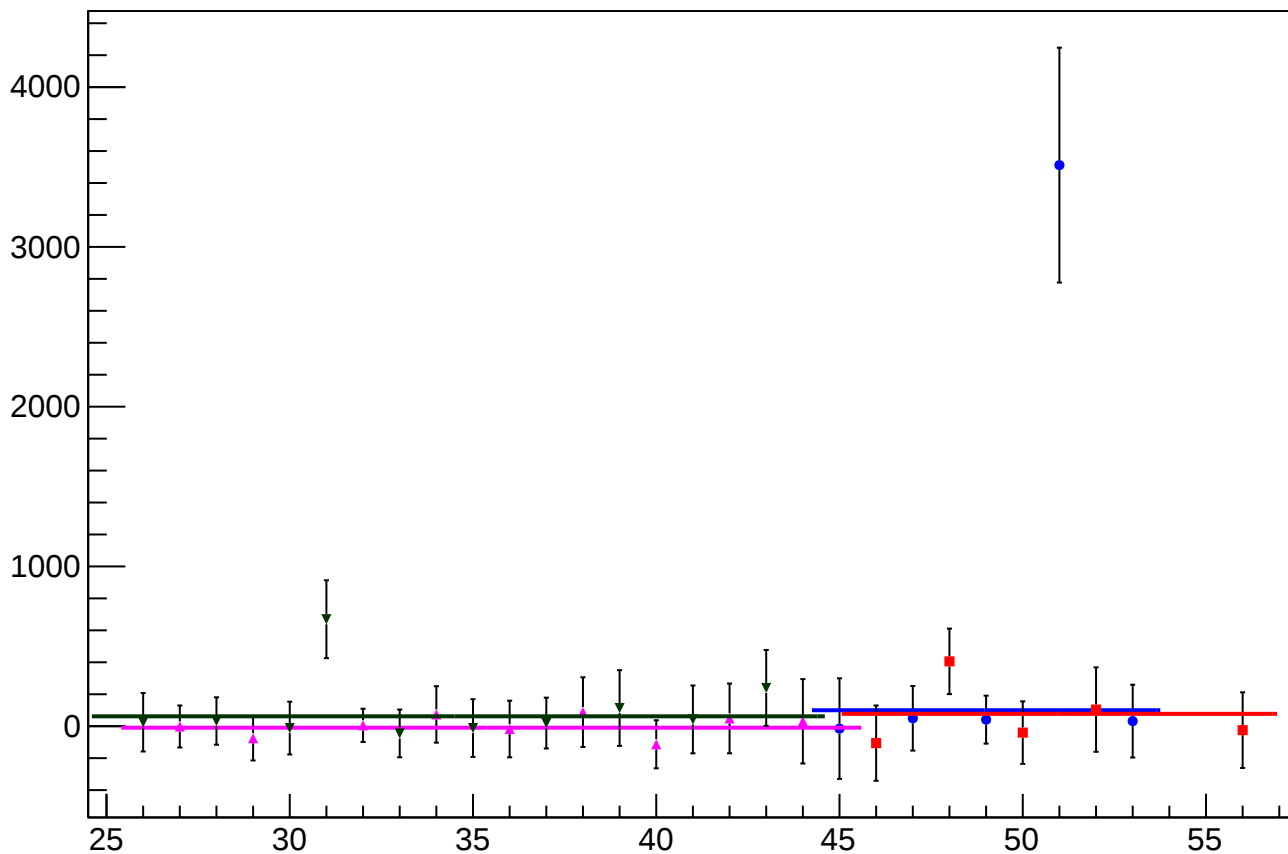
Right Out: 148.857+/-0.070 χ^2/NDF : 65821.6/4

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

133.189+/-0.035 χ^2/NDF : 452869.5/14

125.646+/-0.032 χ^2/NDF : 580564.1/13

asym_bcm_an_ds3_mean vs slug



Right In: 99.888 $\pm$ 99.957 χ^2 /NDF: 22.0/4

Left Out: 61.888 $\pm$ 57.600 χ^2 /NDF: 7.9/9

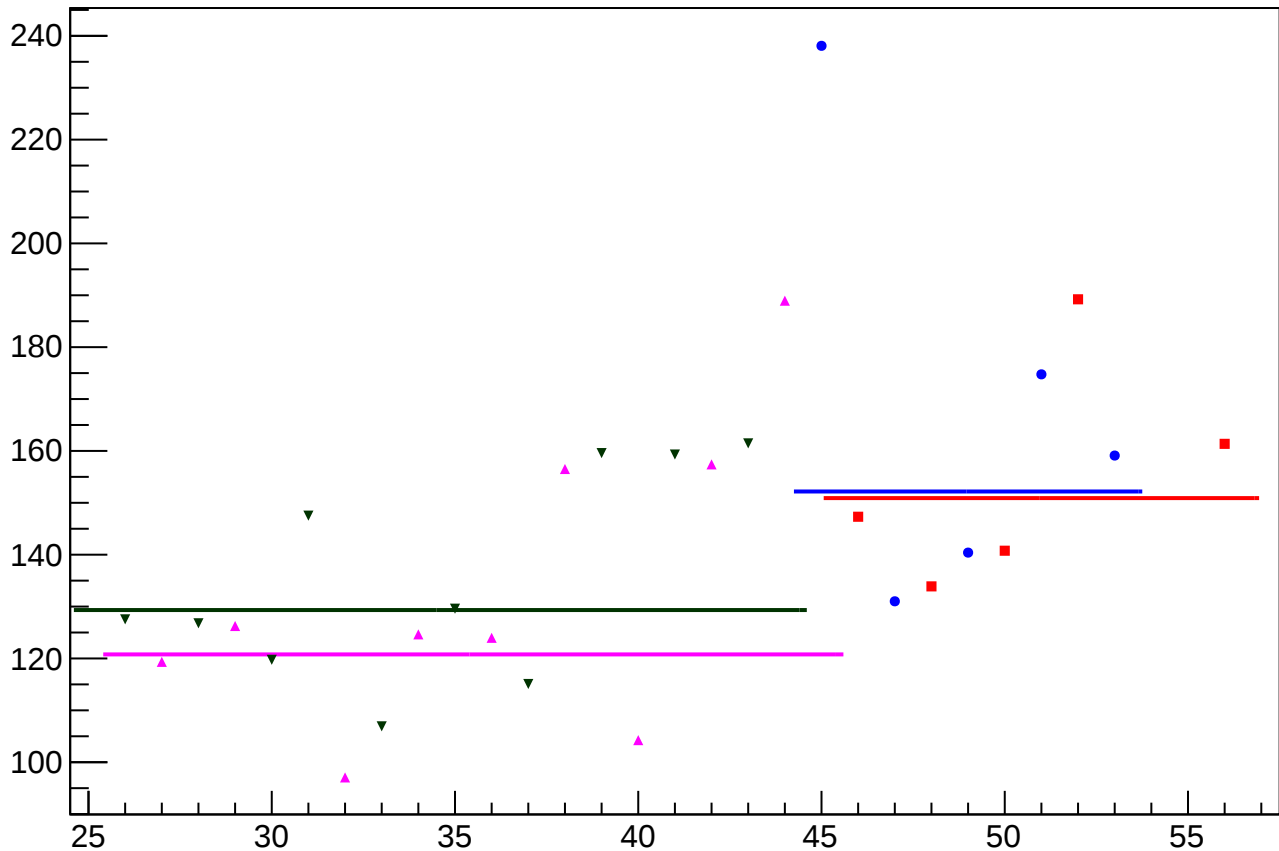
Right Out: 77.494 $\pm$ 99.995 χ^2 /NDF: 3.7/4

Left In: -9.264 $\pm$ 52.240 χ^2 /NDF: 1.2/8

71.361 $\pm$ 49.907 χ^2 /NDF: 29.9/14

9.338 $\pm$ 46.302 χ^2 /NDF: 5.6/13

asym_bcm_an_ds3_rms vs slug



Right In: 152.182 $\pm$ 0.071 χ^2/NDF : 186791.0/4

Left Out: 129.330 $\pm$ 0.041 χ^2/NDF : 188760.2/9

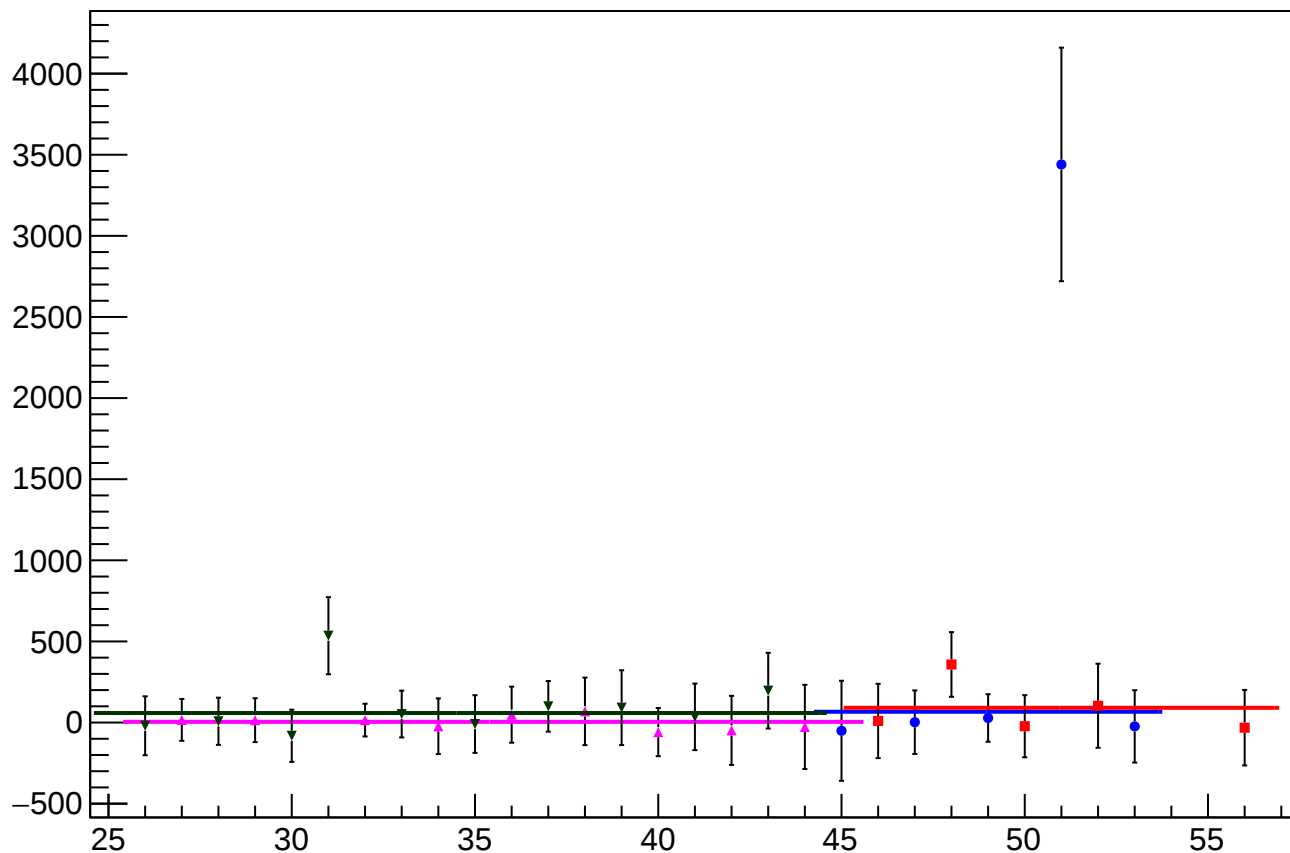
Right Out: 150.907 $\pm$ 0.071 χ^2/NDF : 65502.7/4

Left In: 120.780 $\pm$ 0.037 χ^2/NDF : 376423.6/8

135.027 $\pm$ 0.035 χ^2/NDF : 454023.7/14

127.240 $\pm$ 0.033 χ^2/NDF : 584543.9/13

asym_bcm_an_us_mean vs slug



Right In: 66.503+/-97.525 χ^2/NDF : 22.4/4

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

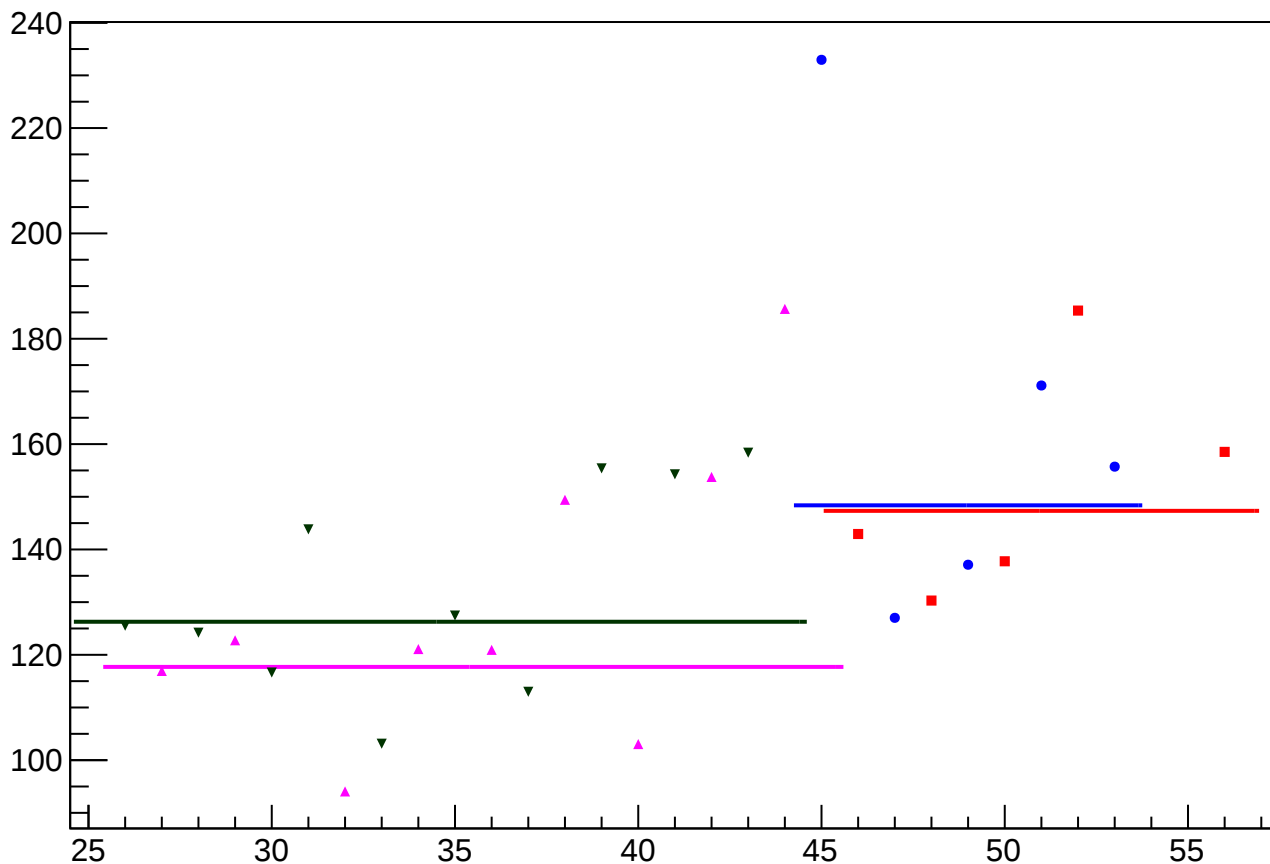
Right Out: 90.907+/-97.666 χ^2/NDF : 2.6/4

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

60.762+/-48.747 χ^2/NDF : 28.1/14

22.641+/-45.140 χ^2/NDF : 3.6/13

asym_bcm_an_us_rms vs slug



Right In: 148.377 ± 0.069 χ^2/NDF : 190285.9/4

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

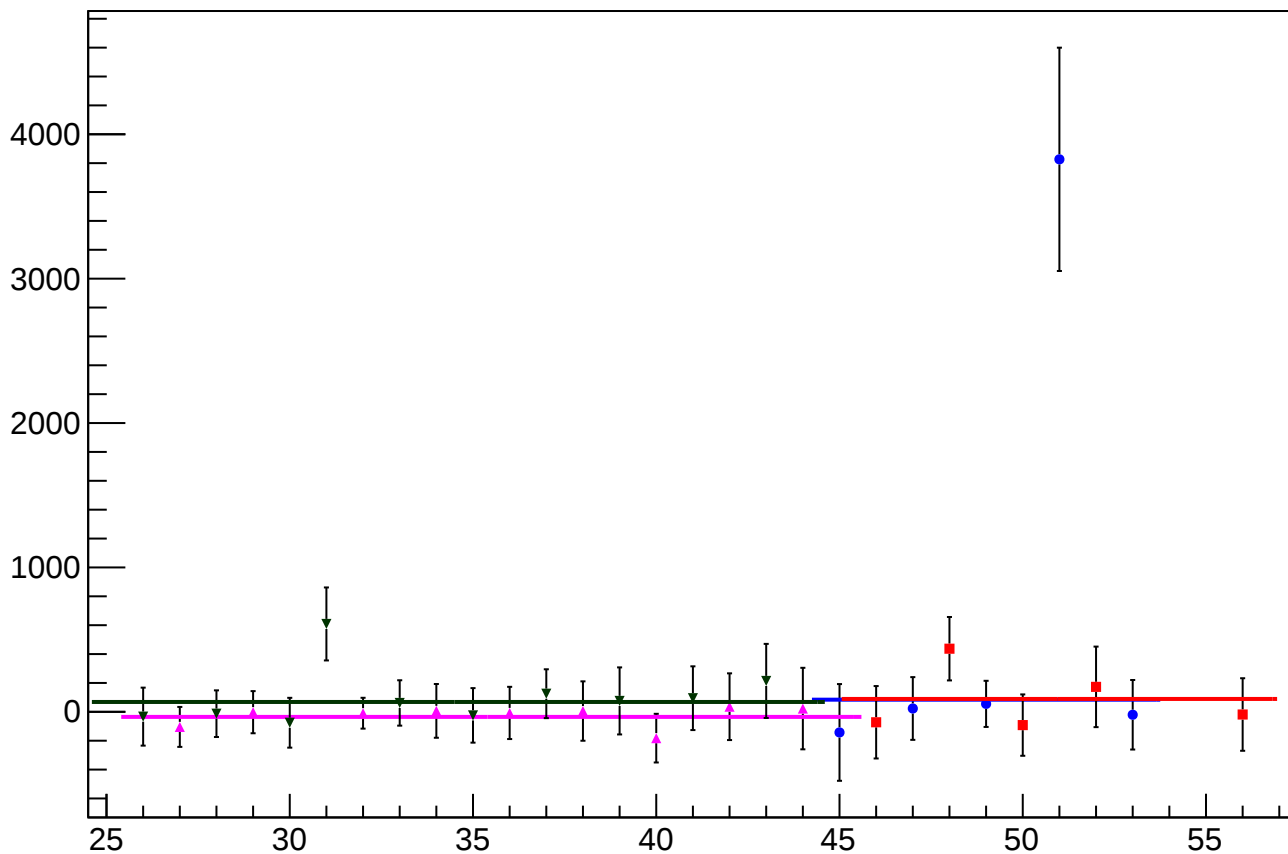
Right Out: 147.331 ± 0.069 χ^2/NDF : 68021.0/4

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

131.798 ± 0.034 χ^2/NDF : 459003.9/14

124.034 ± 0.032 χ^2/NDF : 587608.1/13

asym_bcm_dg_us_mean vs slug



Right In: 84.156+/-106.483 χ^2/NDF : 24.2/4

Left Out: 68.281+/-60.848 χ^2/NDF : 6.5/9

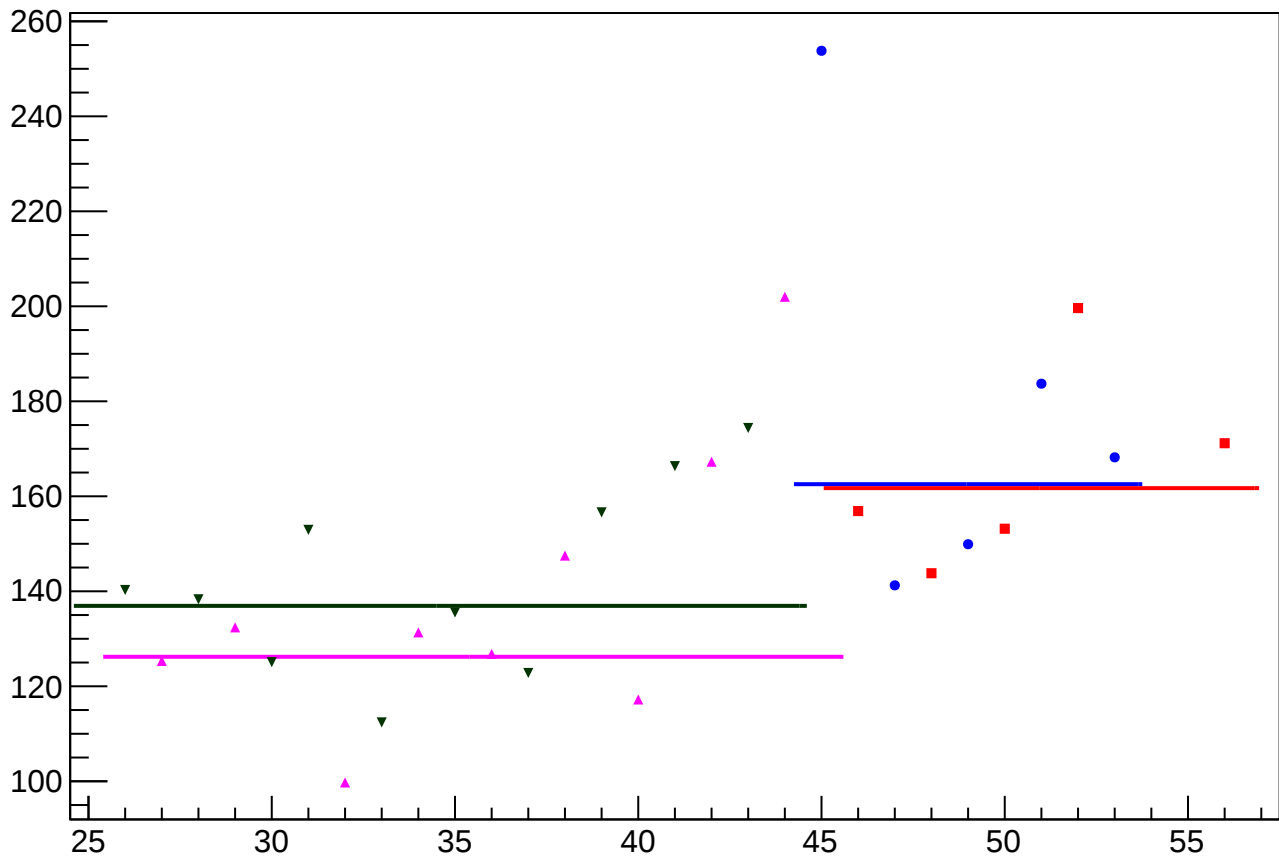
Right Out: 89.212+/-106.918 χ^2/NDF : 3.9/4

Left In: -35.096+/-54.517 χ^2/NDF : 1.4/8

72.188+/-52.831 χ^2/NDF : 30.7/14

-9.446+/-48.567 χ^2/NDF : 6.4/13

asym_bcm_dg_us_rms vs slug



Right In: 162.548 $\pm$ 0.075 χ^2 /NDF: 182757.9/4

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

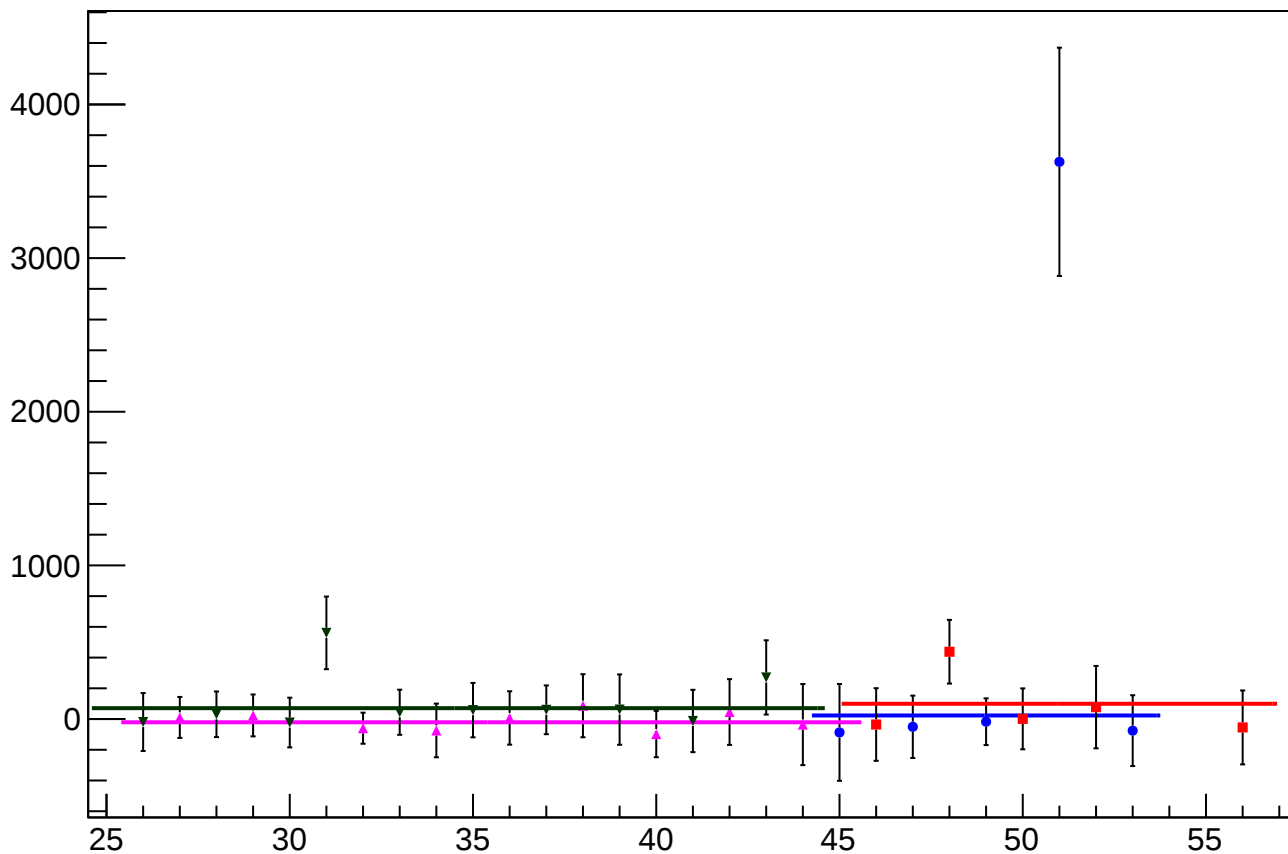
Right Out: 161.717 $\pm$ 0.076 χ^2 /NDF: 57073.9/4

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

143.237 $\pm$ 0.037 χ^2 /NDF: 443488.4/14

133.539 $\pm$ 0.034 χ^2 /NDF: 594654.2/13

asym_bcm_dg_ds_mean vs slug



Right In: 23.281+/-100.901 χ^2 /NDF: 24.0/4

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

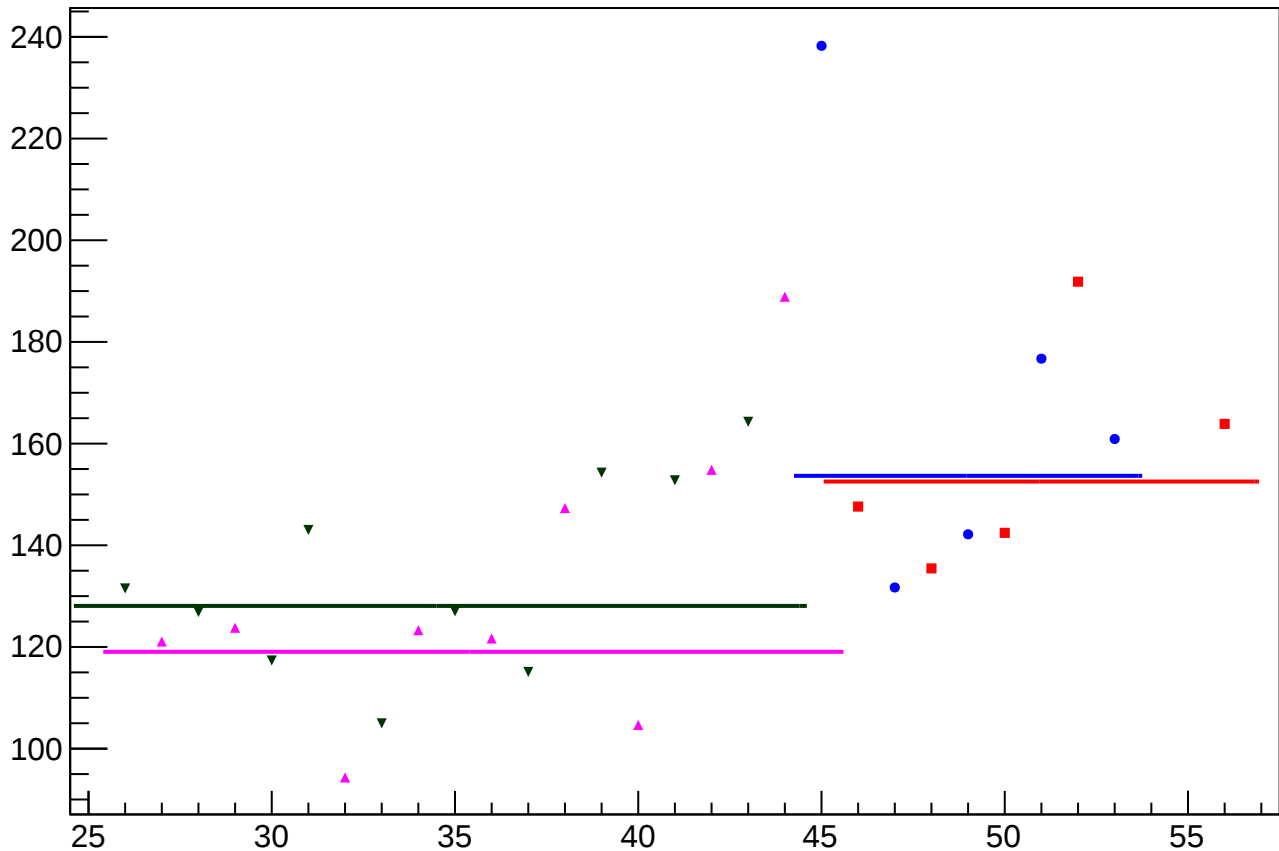
Right Out: 99.456+/-101.104 χ^2 /NDF: 3.7/4

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

59.334+/-49.616 χ^2 /NDF: 30.0/14

3.797+/-45.858 χ^2 /NDF: 5.8/13

asym_bcm_dg_ds_rms vs slug



Right In: 153.666 $\pm$ 0.071 χ^2 /NDF: 182940.5/4

Left Out: 128.077 $\pm$ 0.040 χ^2 /NDF:181273.8/9

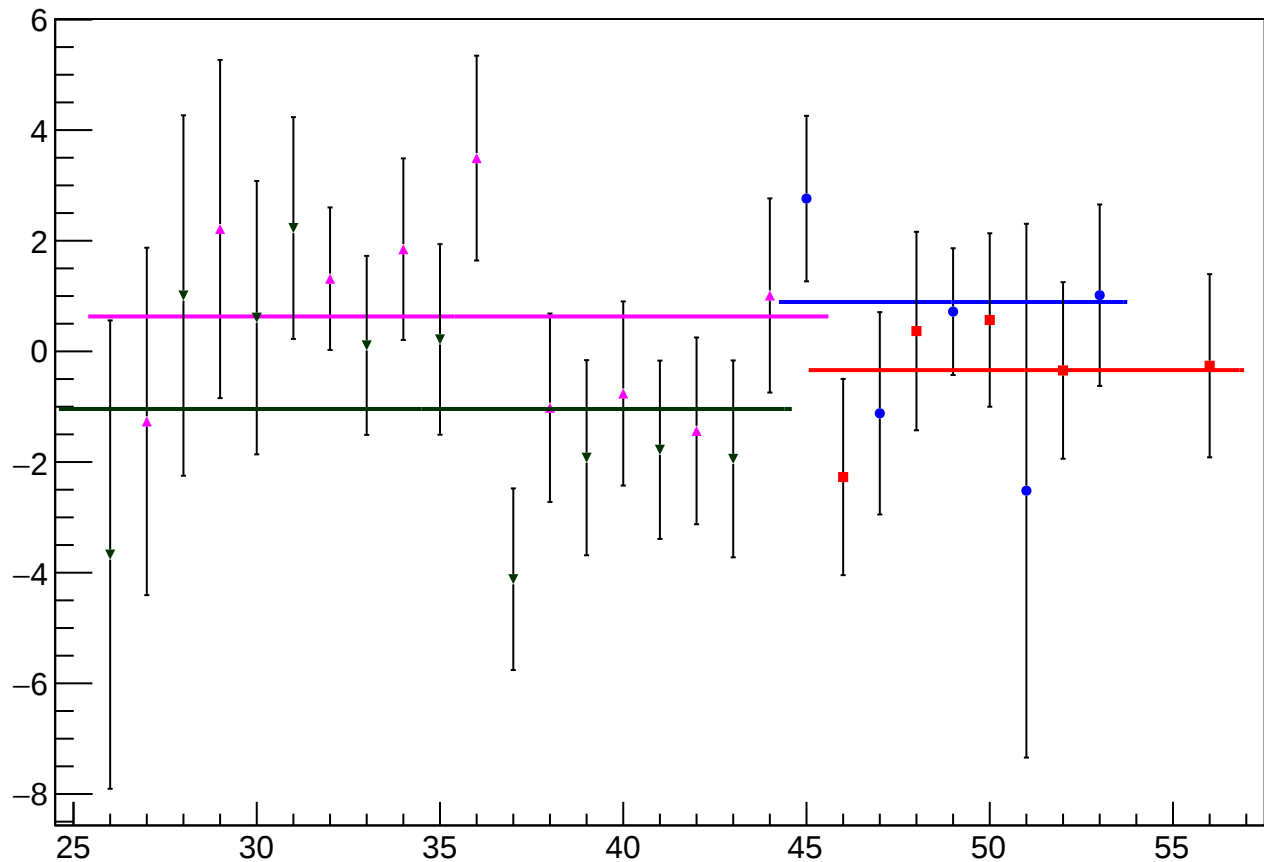
Right Out: 152.539 $\pm$ 0.071 χ^2 /NDF: 67078.8/4

Left In: 119.049 $\pm$ 0.036 χ^2 /NDF:376169.4/8

134.265 $\pm$ 0.035 χ^2 /NDF: 461739.0/14

125.939 $\pm$ 0.032 χ^2 /NDF: 617541.7/13

asym_cav4bQ_mean vs slug



Right In: 0.893 ± 0.721 χ^2/NDF : 3.3/4

Left Out: -1.041 ± 0.611 χ^2/NDF : 9.2/9

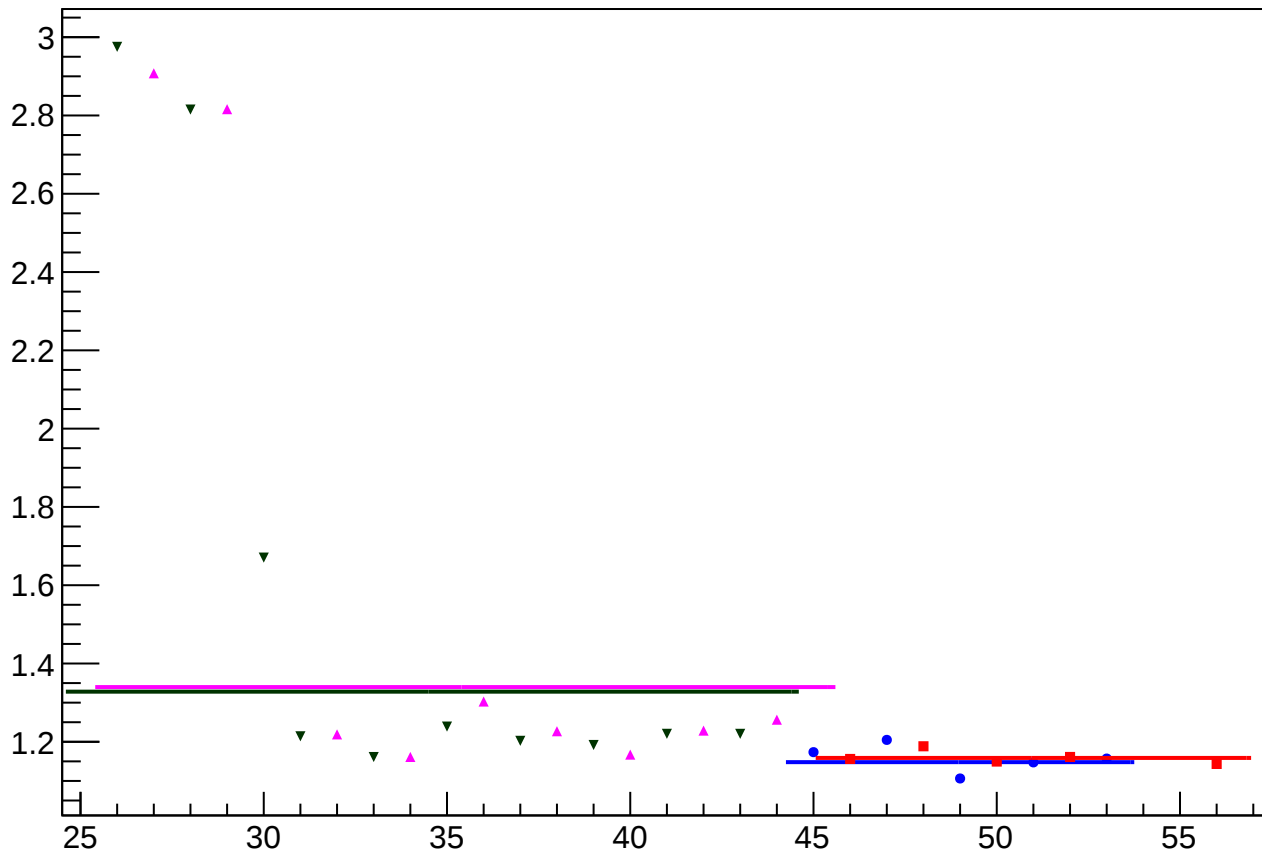
Right Out: -0.338 ± 0.747 χ^2/NDF : 1.7/4

Left In: 0.631 ± 0.592 χ^2/NDF : 7.0/8

-0.232 ± 0.466 χ^2/NDF : 16.6/14

0.257 ± 0.464 χ^2/NDF : 9.8/13

asym_cav4bQ_rms vs slug



Right In: 1.148+/-0.001 χ^2/NDF : 5233.1/4

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

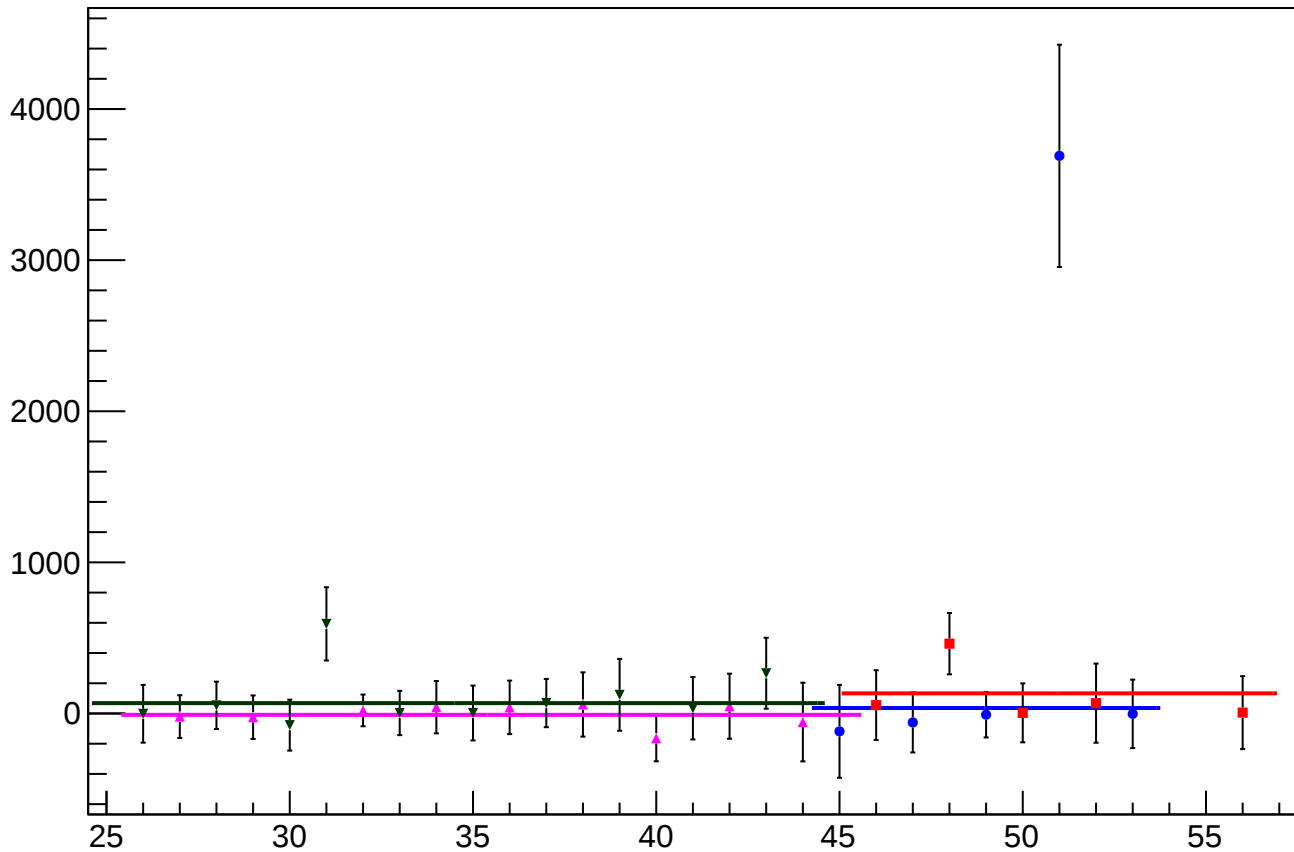
Right Out: 1.159+/-0.001 χ^2/NDF : 801.2/4

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

1.253+/-0.000 χ^2/NDF : 908979.1/14

1.270+/-0.000 χ^2/NDF : 1123893.7/13

asym_cav4cQ_mean vs slug



Right In: 36.088+/-99.343 χ^2/NDF : 25.3/4

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

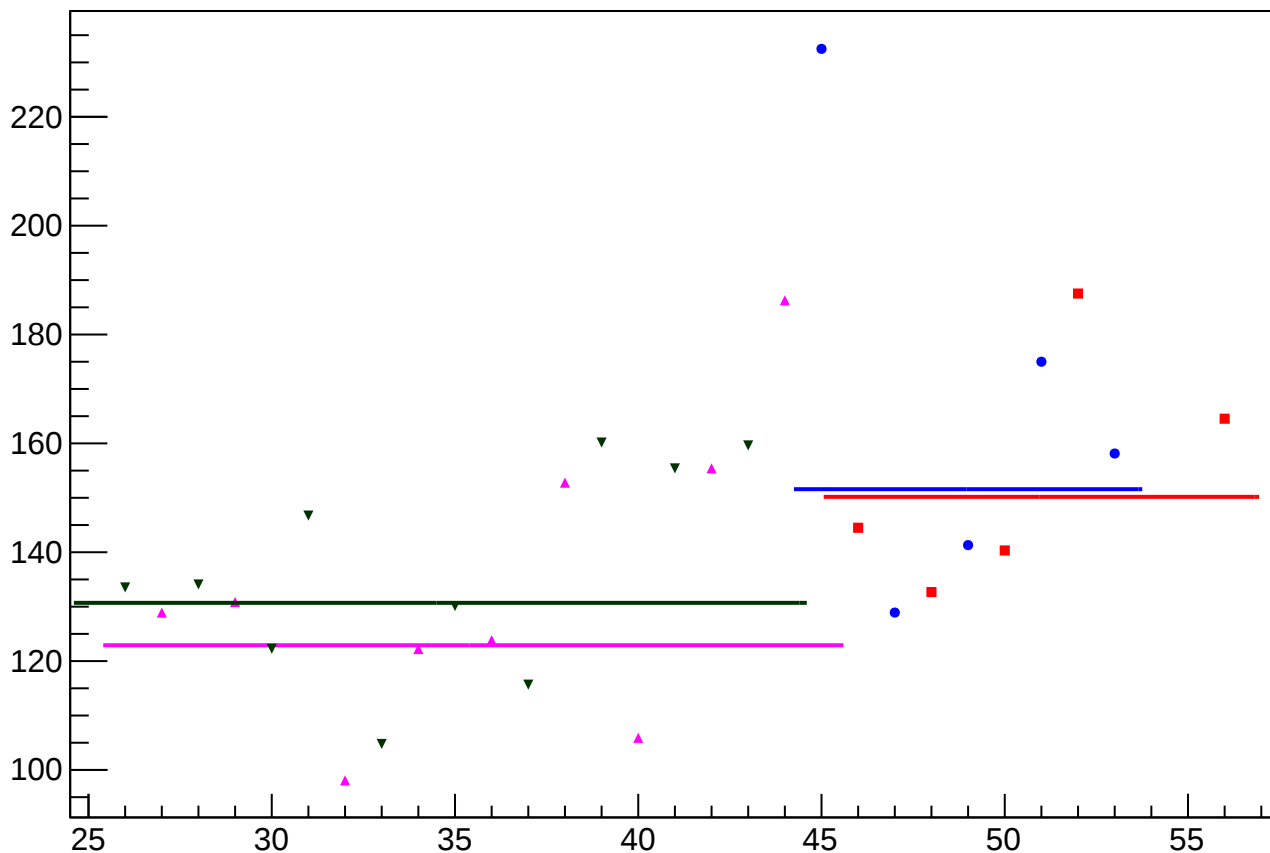
Right Out: 133.170+/-99.461 χ^2/NDF : 3.5/4

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

60.247+/-50.183 χ^2/NDF : 32.0/14

22.422+/-46.785 χ^2/NDF : 6.6/13

asym_cav4cQ_rms vs slug



Right In: 151.584 $\pm$ 0.070 χ^2 /NDF: 177599.9/4

Left Out: 130.703 $\pm$ 0.041 χ^2 /NDF:185197.8/9

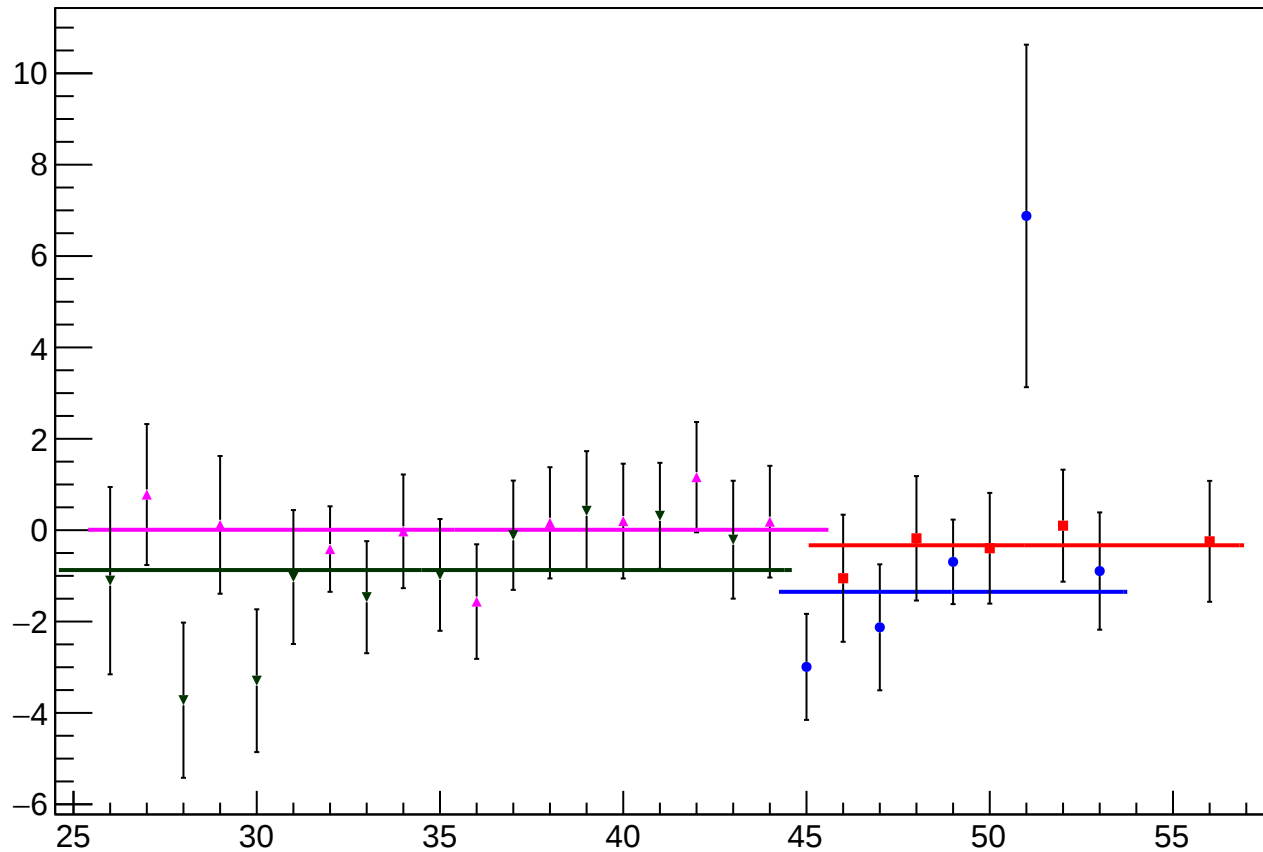
Right Out: 150.179 $\pm$ 0.070 χ^2 /NDF: 68924.3/4

Left In: 122.914 $\pm$ 0.037 χ^2 /NDF:350280.2/8

136.032 $\pm$ 0.035 χ^2 /NDF: 428608.5/14

128.947 $\pm$ 0.033 χ^2 /NDF: 536240.0/13

asym_cav4dQ_mean vs slug



Right In: -1.349 ± 0.567 $\chi^2/\text{NDF}: 7.8/4$

Left Out: -0.873 ± 0.429 $\chi^2/\text{NDF}: 8.2/9$

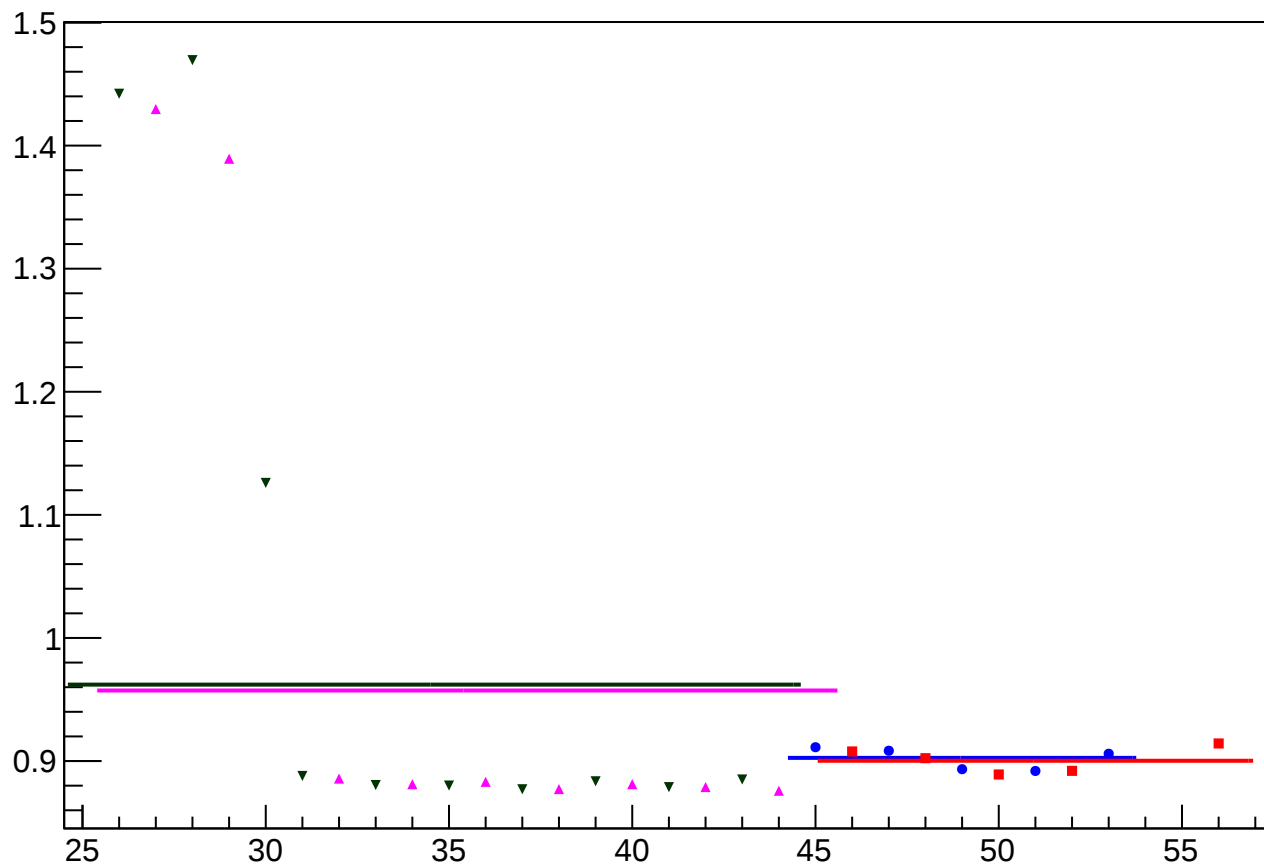
Right Out: -0.331 ± 0.580 $\chi^2/\text{NDF}: 0.4/4$

Left In: 0.009 ± 0.410 $\chi^2/\text{NDF}: 3.0/8$

-1.047 ± 0.342 $\chi^2/\text{NDF}: 16.4/14$

-0.104 ± 0.335 $\chi^2/\text{NDF}: 3.6/13$

asym_cav4dQ_rms vs slug



Right In: 0.903+/-0.000 χ^2/NDF : 373.8/4

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

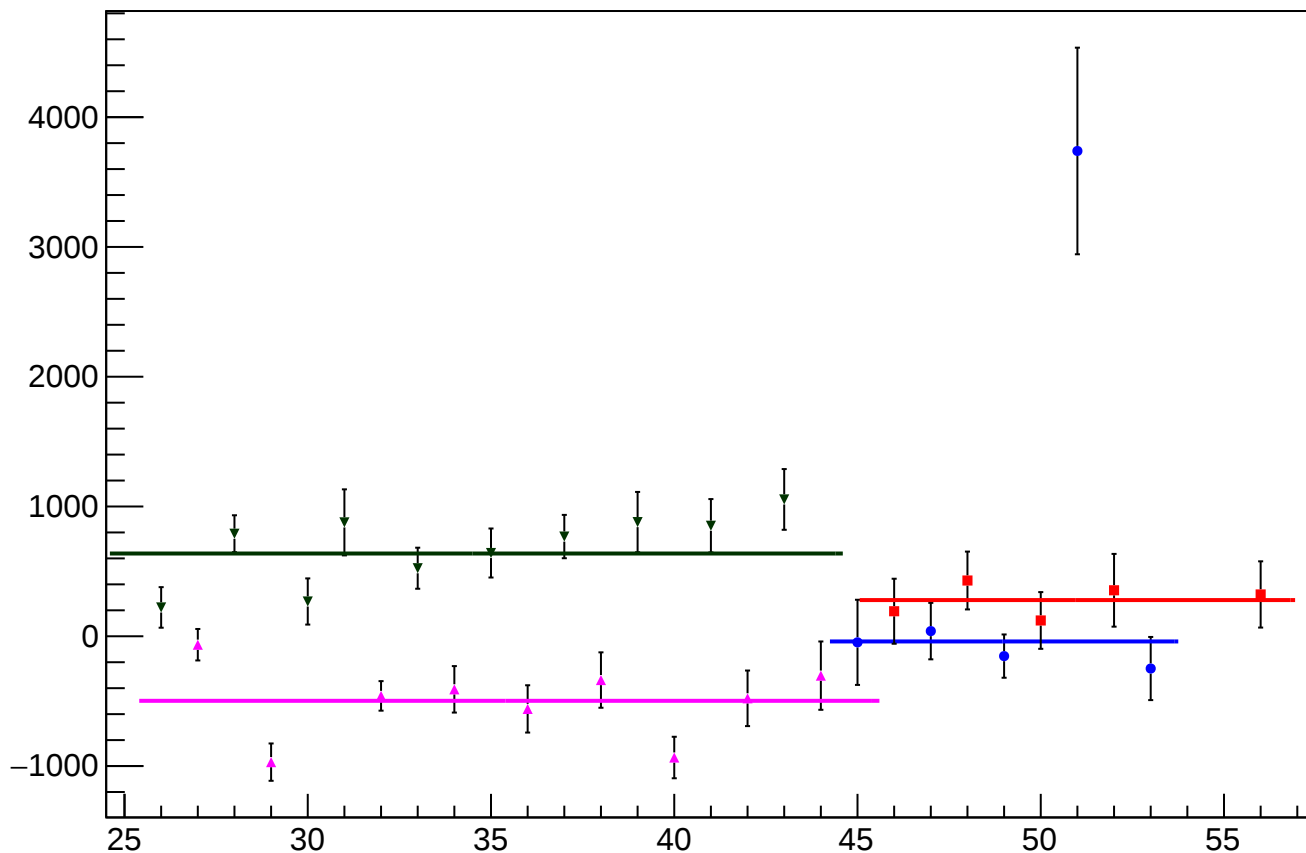
Right Out: 0.900+/-0.000 χ^2/NDF : 547.4/4

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

0.940+/-0.000 χ^2/NDF : 382265.0/14

0.938+/-0.000 χ^2/NDF : 424743.4/13

asym_bcm0l02_mean vs slug



Right In: -39.888 $\pm$ 108.576 χ^2/NDF : 23.9/4

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

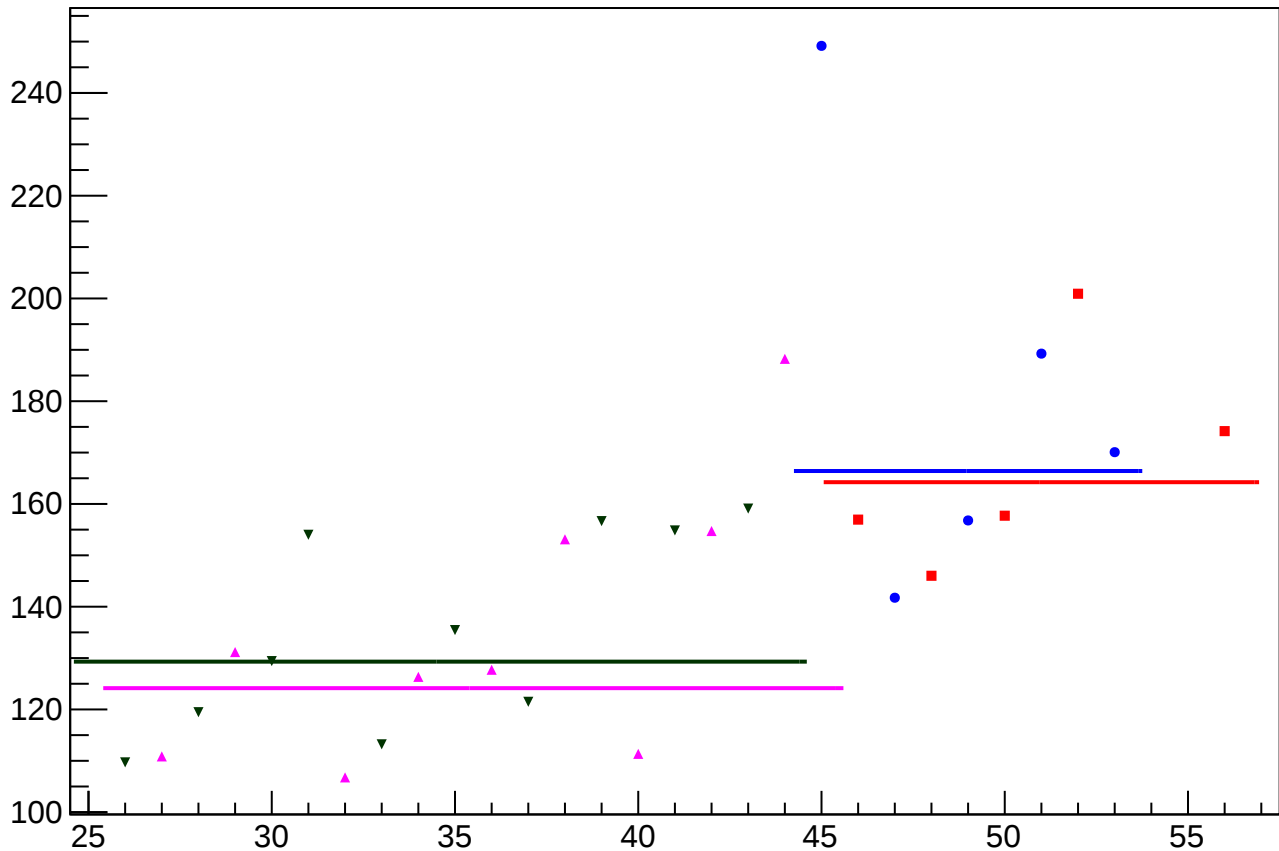
Right Out: 278.900 $\pm$ 108.405 χ^2/NDF : 1.2/4

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

489.005 $\pm$ 50.863 χ^2/NDF : 74.2/14

-346.308 $\pm$ 47.822 χ^2/NDF : 75.0/13

asym_bcm0l02_rms vs slug



Right In: 166.412 ± 0.077 χ^2/NDF : 161689.4/4

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

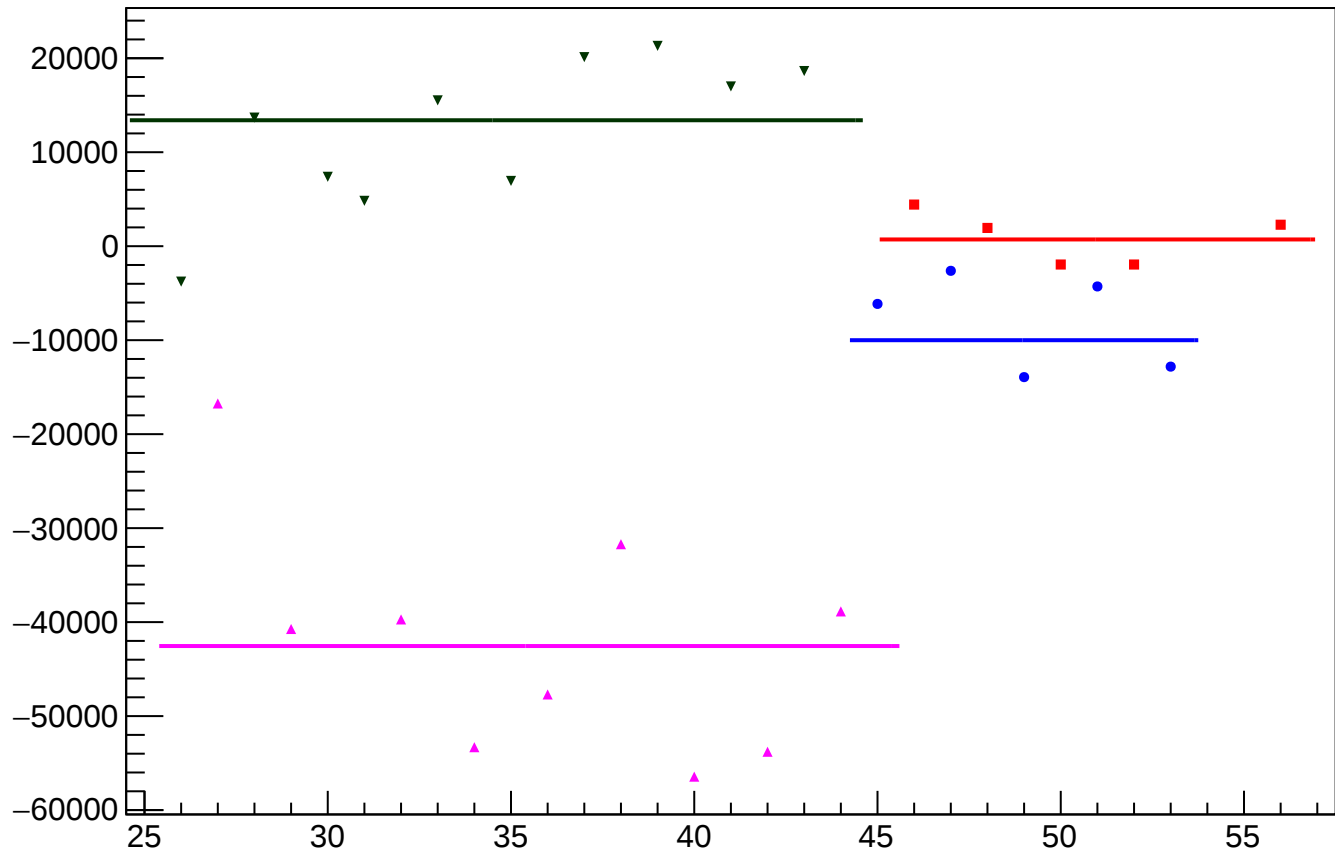
Right Out: 164.236 ± 0.077 χ^2/NDF : 54123.0/4

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

137.448 ± 0.036 χ^2/NDF : 522122.3/14

131.946 ± 0.034 χ^2/NDF : 559930.2/13

asym_bpm2i01WS_mean vs slug



Right In: -10003.478+/-61.761 χ^2/NDF : 5396.8/4

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

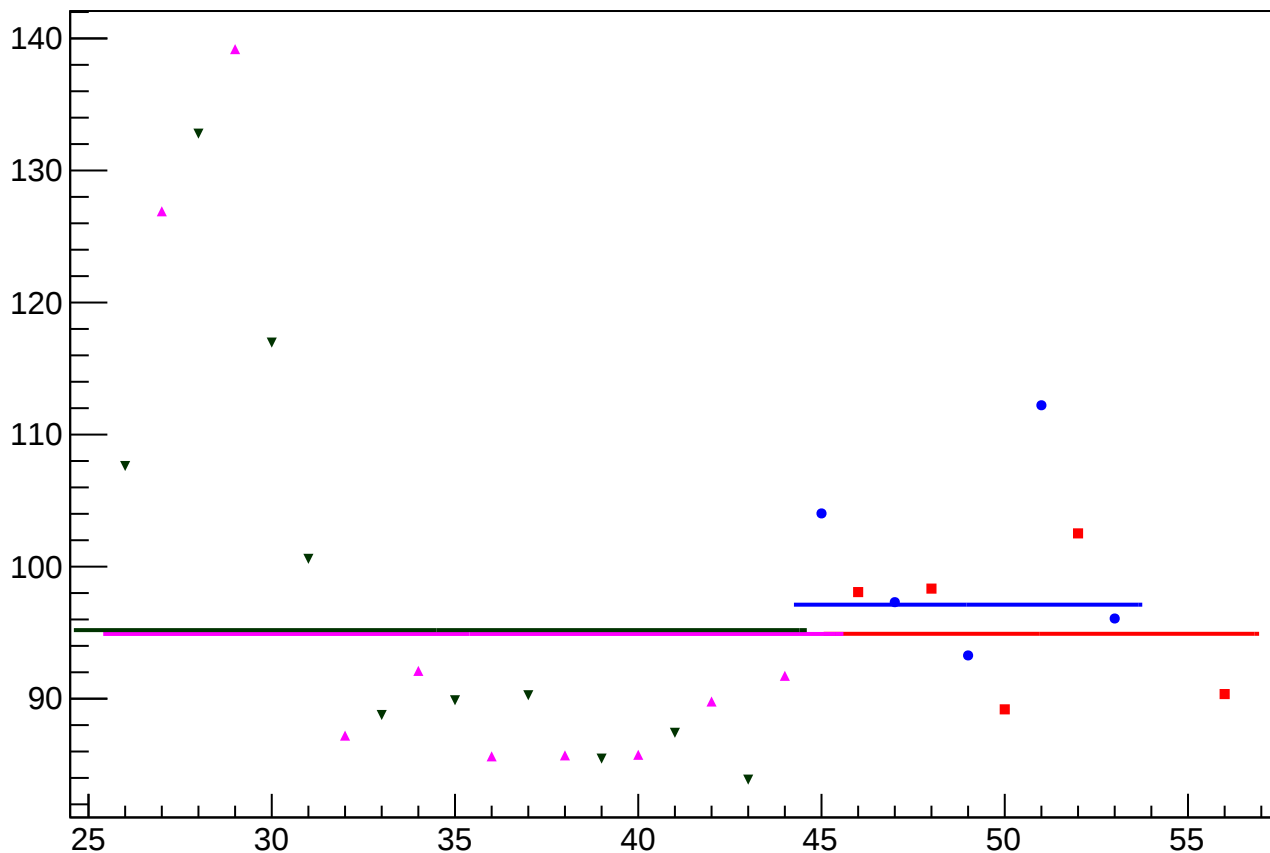
Right Out: 716.588+/-62.153 χ^2/NDF : 1609.6/4

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

5771.646+/-35.261 χ^2/NDF : 130919.3/14

-29241.114+/-34.466 χ^2/NDF : 408449.4/13

asym_bpm2i01WS_rms vs slug



Right In: 97.119 $\pm$ 0.044 χ^2 /NDF: 10536.0/4

Left Out: 95.193 $\pm$ 0.030 χ^2 /NDF: 206589.2/9

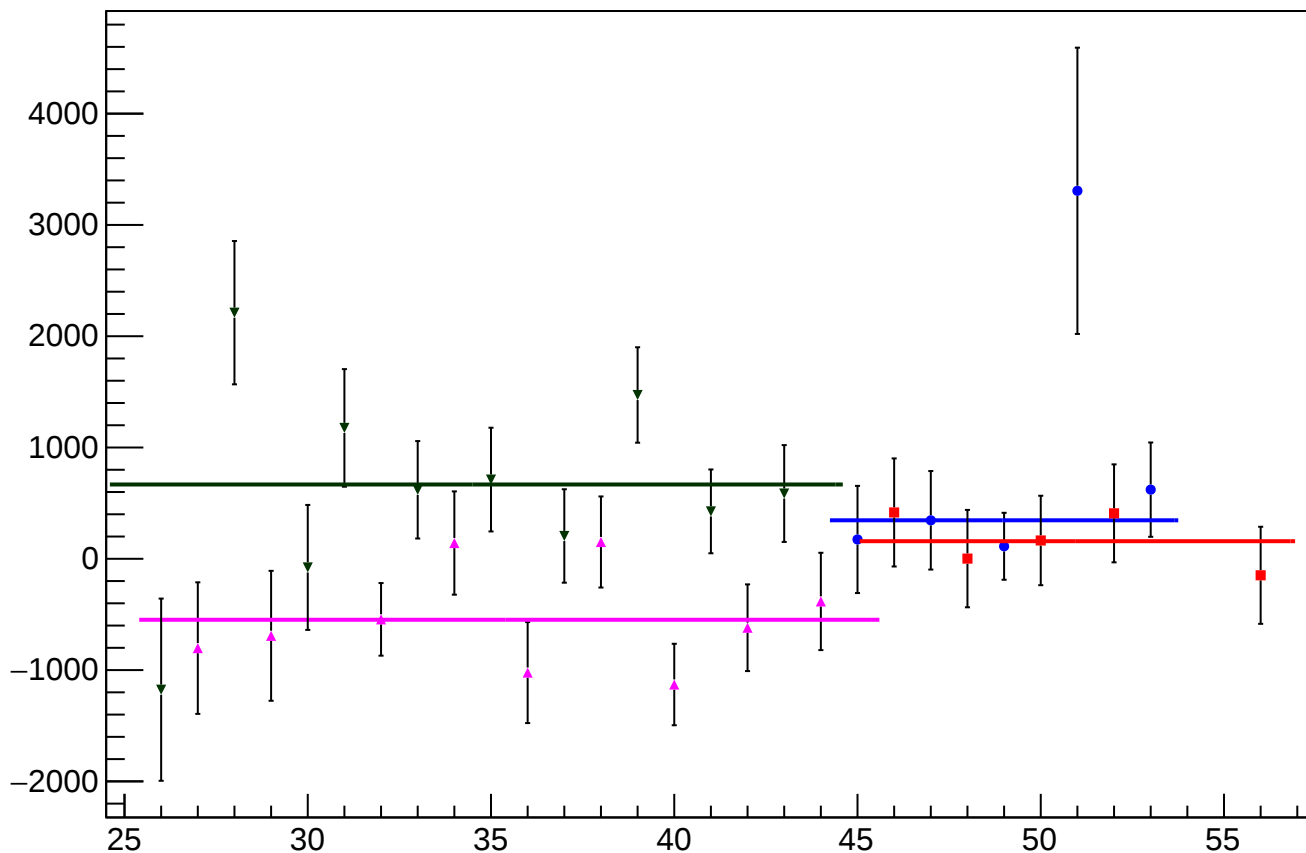
Right Out: 94.914 $\pm$ 0.044 χ^2 /NDF: 14115.9/4

Left In: 94.903 $\pm$ 0.029 χ^2 /NDF: 314276.8/8

95.821 $\pm$ 0.025 χ^2 /NDF: 218436.7/14

94.906 $\pm$ 0.024 χ^2 /NDF: 328392.7/13

asym_bpm0i07WS_mean vs slug



Right In: 345.920+/-193.742 χ^2/NDF : 6.5/4

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

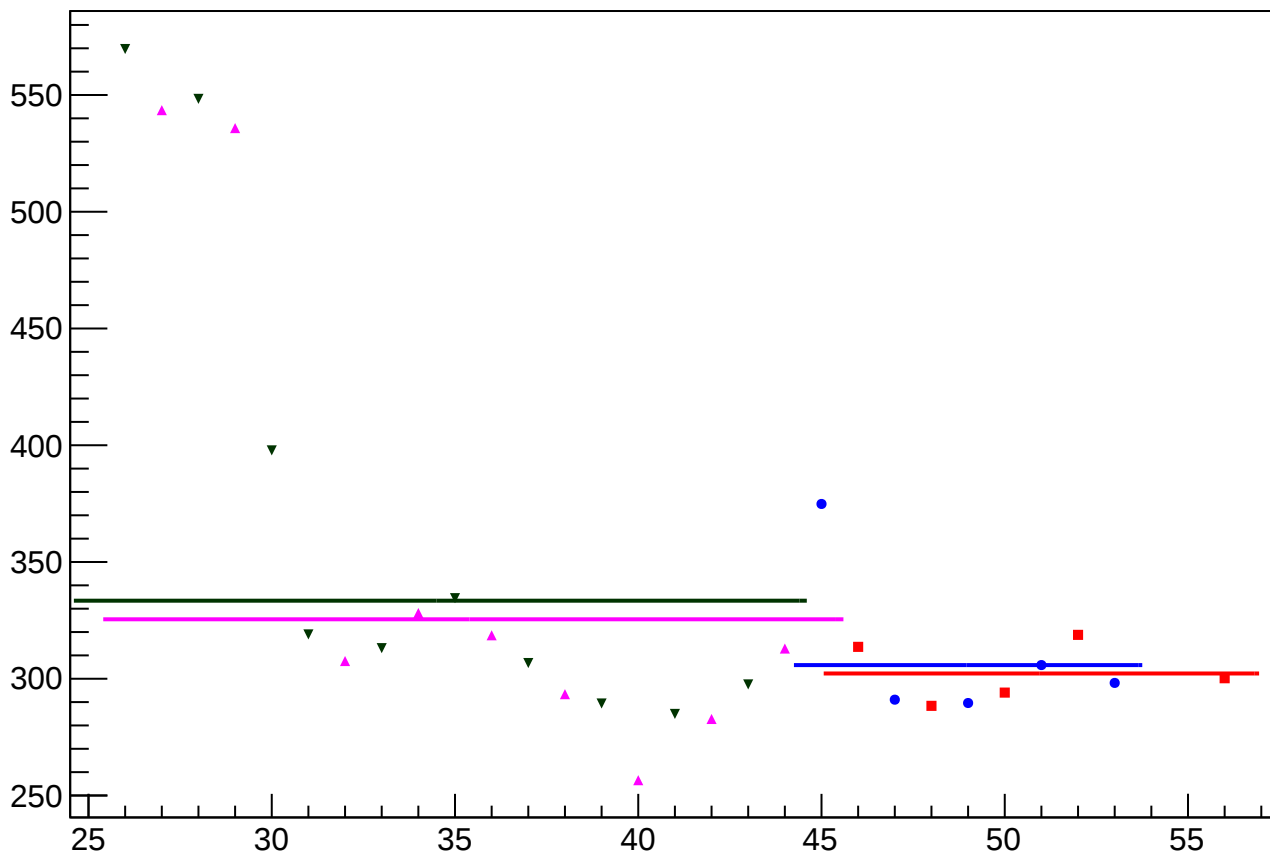
Right Out: 158.074+/-195.846 χ^2/NDF : 1.2/4

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

546.249+/-119.041 χ^2/NDF : 26.9/14

-305.797+/-114.688 χ^2/NDF : 18.9/13

asym_bpm0i07WS_rms vs slug



Right In: 305.848 $\pm$ 0.137 χ^2 /NDF: 49785.3/4

Left Out: 333.428 $\pm$ 0.107 χ^2 /NDF:497404.6/9

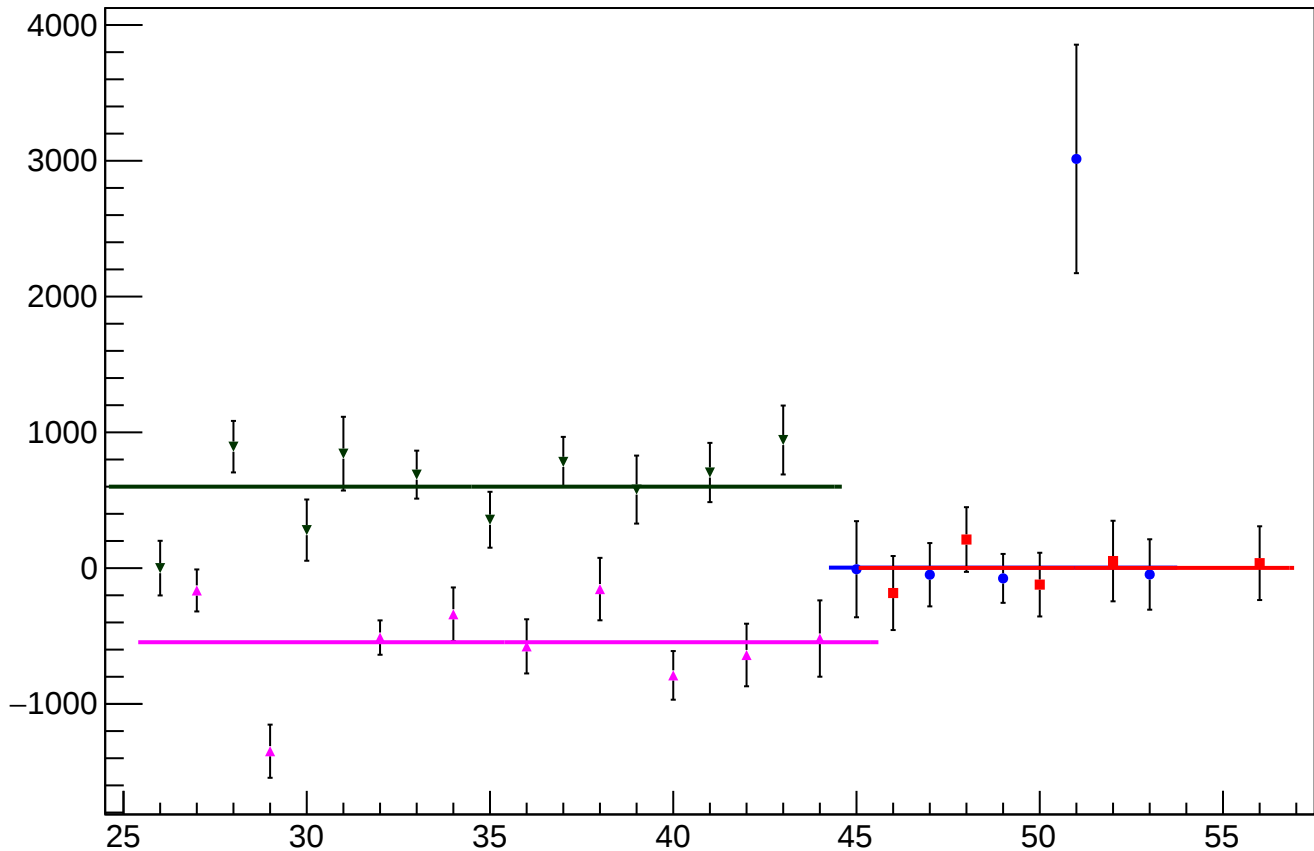
Right Out: 302.253 $\pm$ 0.138 χ^2 /NDF: 6806.6/4

Left In: 325.459 $\pm$ 0.100 χ^2 /NDF:647226.3/8

323.016 $\pm$ 0.084 χ^2 /NDF: 572418.8/14

317.501 $\pm$ 0.081 χ^2 /NDF: 672484.3/13

asym_bpm0l01WS_mean vs slug



Right In: 3.810 ± 116.642 $\chi^2/\text{NDF}: 13.1/4$

Left Out: 600.051 ± 66.921 $\chi^2/\text{NDF}: 18.8/9$

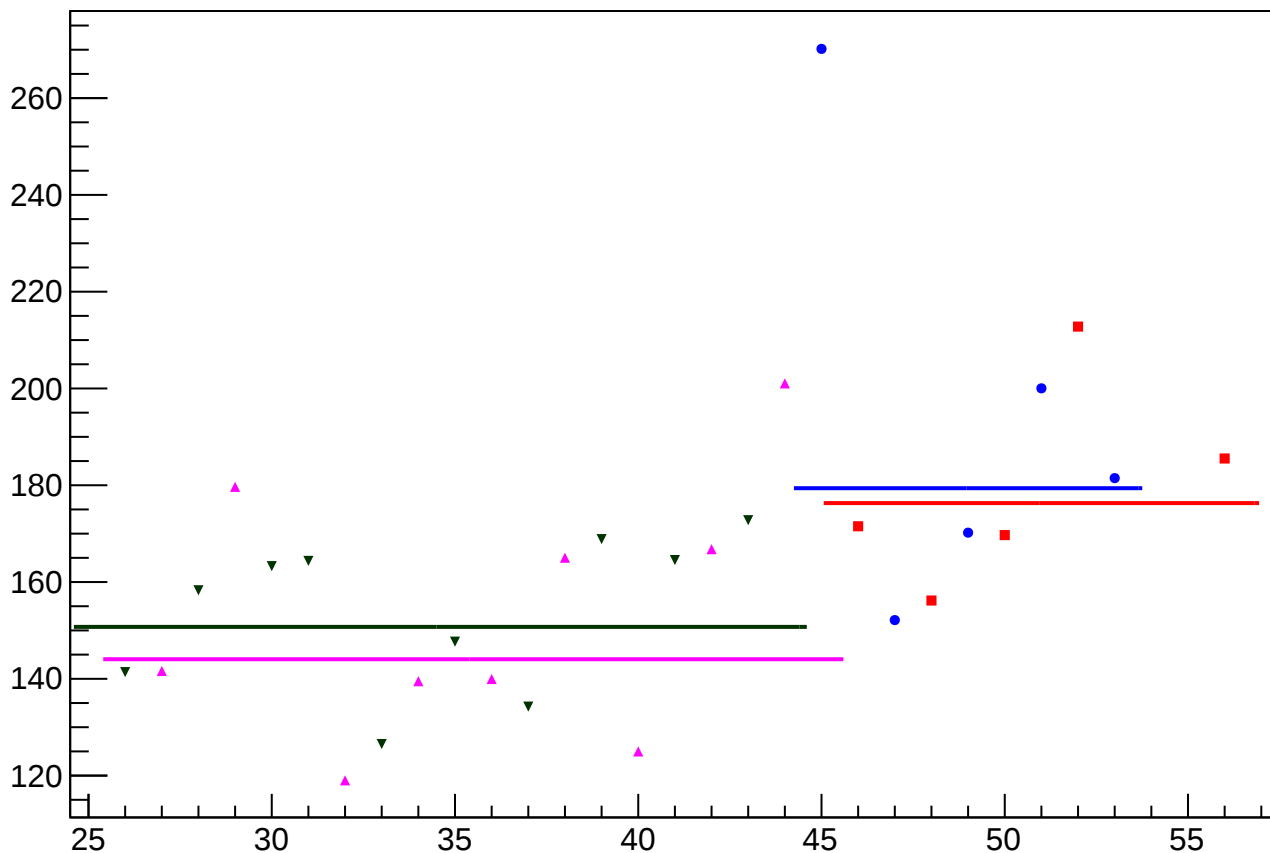
Right Out: 1.763 ± 116.111 $\chi^2/\text{NDF}: 1.6/4$

Left In: -545.607 ± 61.713 $\chi^2/\text{NDF}: 29.0/8$

452.392 ± 58.046 $\chi^2/\text{NDF}: 51.6/14$

-425.038 ± 54.494 $\chi^2/\text{NDF}: 47.9/13$

asym_bpm0l01WS_rms vs slug



Right In: 179.392 $\pm$ 0.082 χ^2 /NDF: 165442.5/4

Left Out: 150.733 $\pm$ 0.047 χ^2 /NDF:106311.0/9

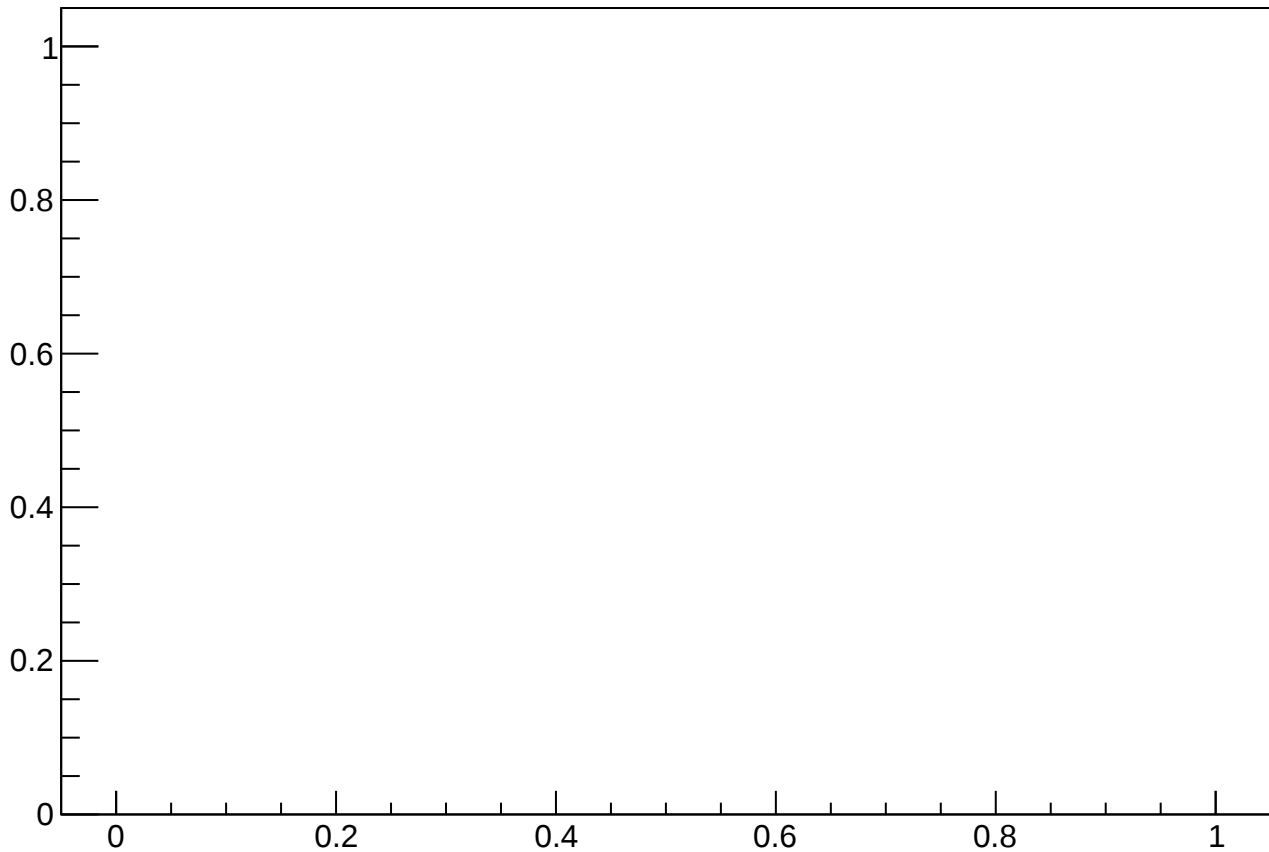
Right Out: 176.315 $\pm$ 0.082 χ^2 /NDF: 49025.9/4

Left In: 144.050 $\pm$ 0.044 χ^2 /NDF:287778.2/8

157.830 $\pm$ 0.041 χ^2 /NDF: 362587.5/14

151.157 $\pm$ 0.039 χ^2 /NDF: 457224.0/13

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

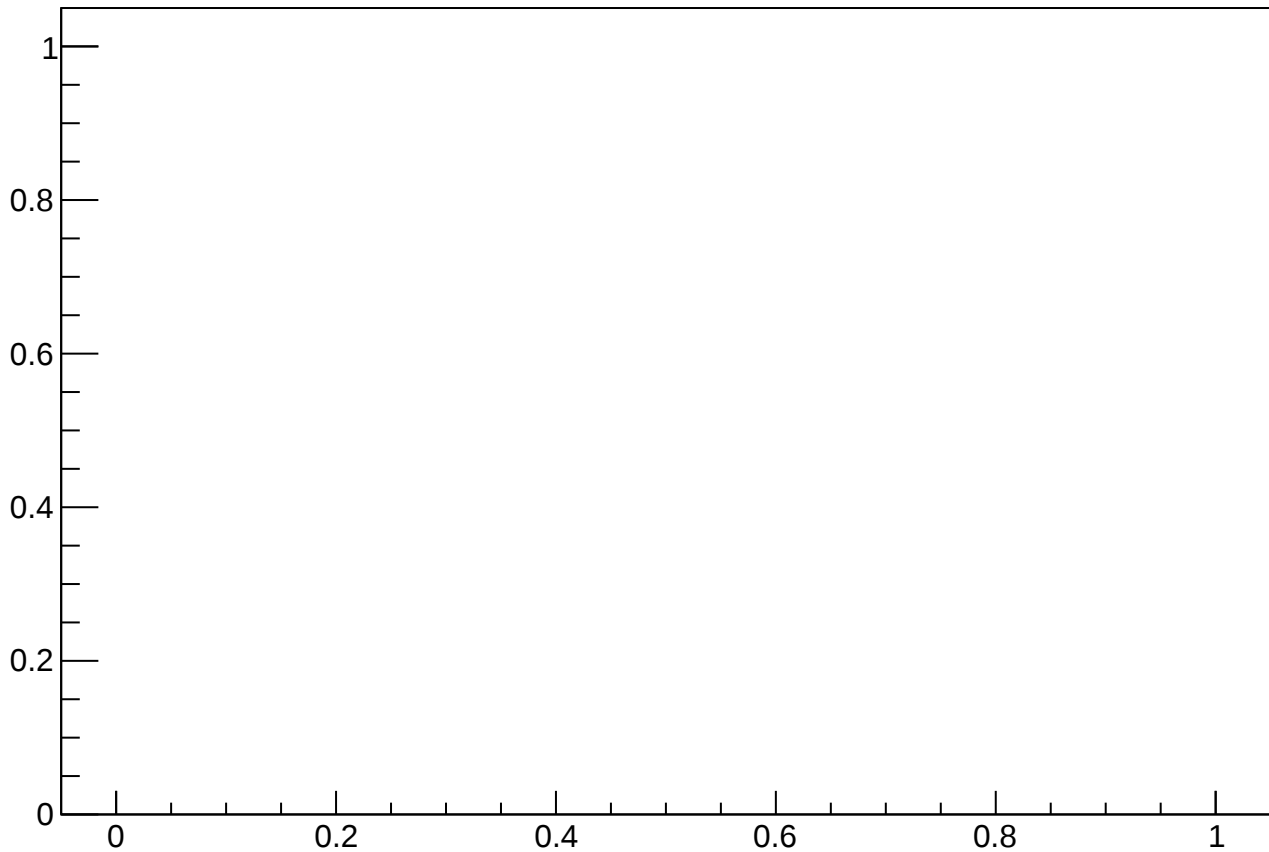
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

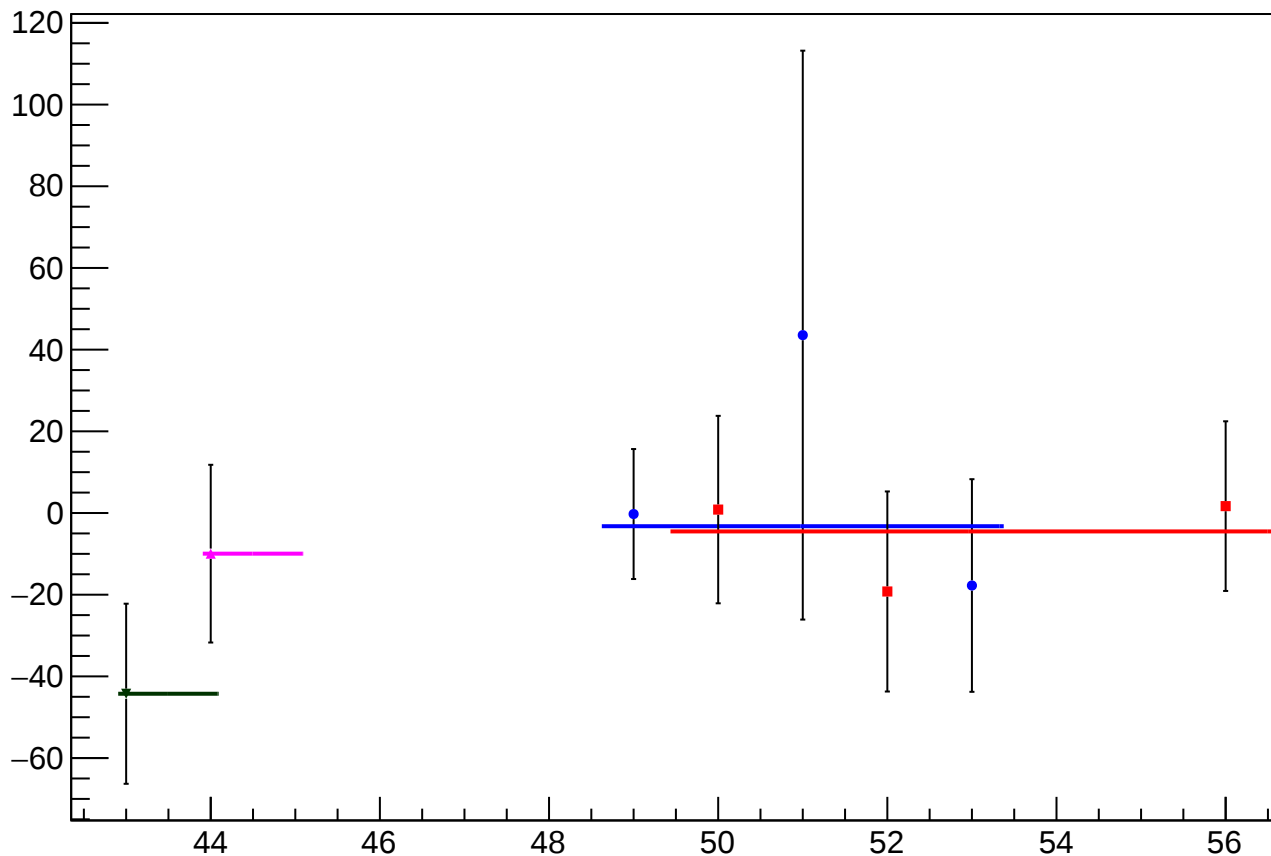
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3.232 $\pm$ 13.326 χ^2 /NDF: 0.8/2

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

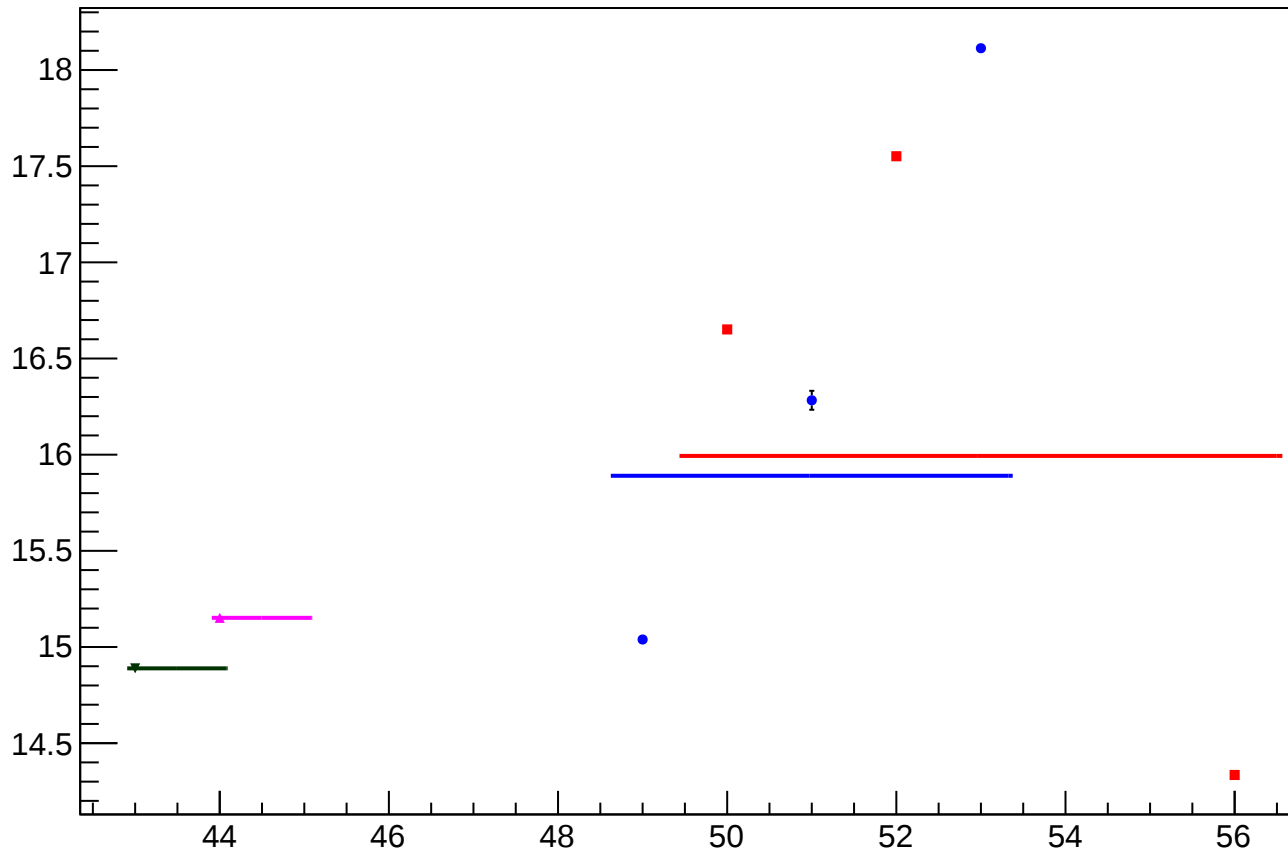
Right Out: -4.508 $\pm$ 13.037 χ^2 /NDF: 0.5/2

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

-14.209 $\pm$ 11.405 χ^2 /NDF: 3.3/3

-5.946 $\pm$ 11.183 χ^2 /NDF: 0.5/3

bcm_an_us_ds_dd _rms vs slug



Right In: 15.890 $\pm$ 0.009 χ^2/NDF : 20373.9/2

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

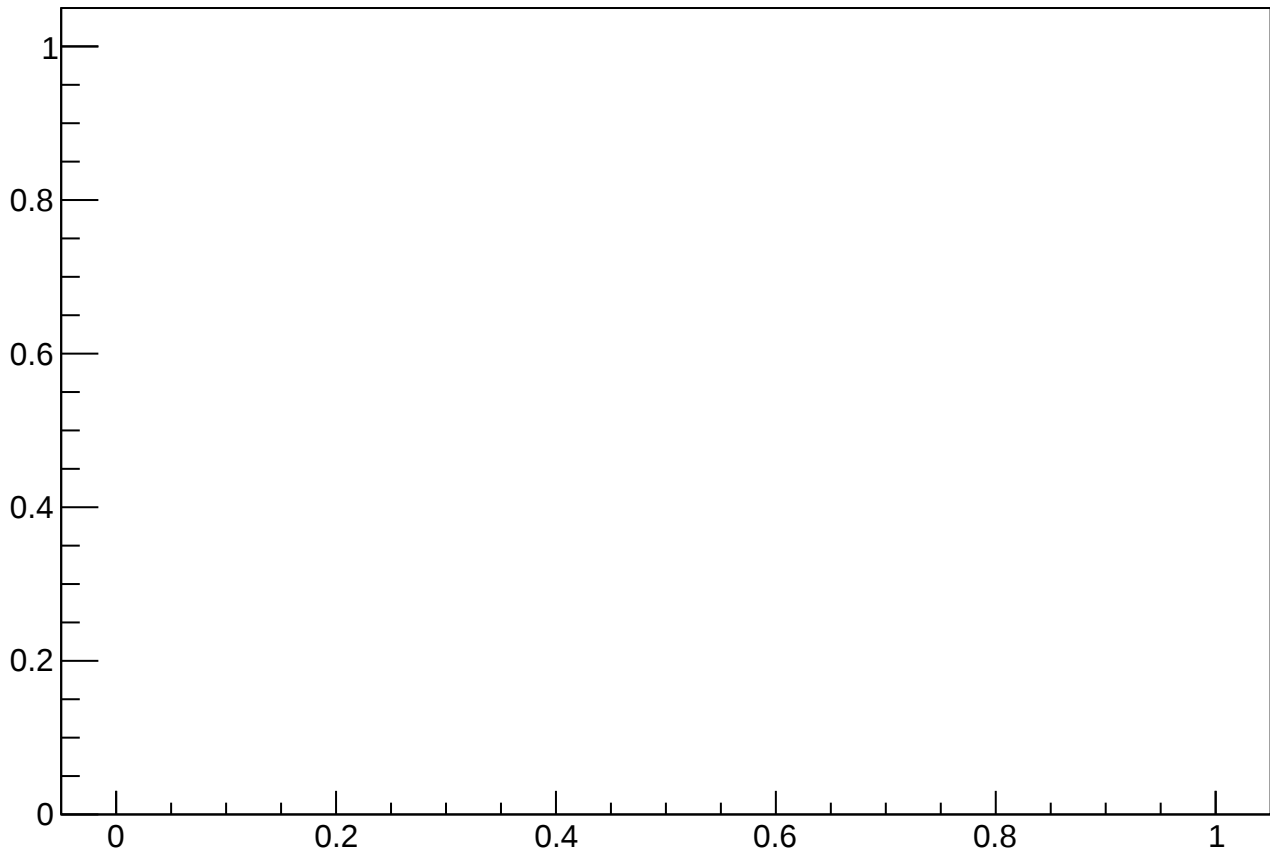
Right Out: 15.994 $\pm$ 0.009 χ^2/NDF : 22493.4/2

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

15.622 $\pm$ 0.008 χ^2/NDF : 23395.4/3

15.771 $\pm$ 0.008 χ^2/NDF : 24697.0/3

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

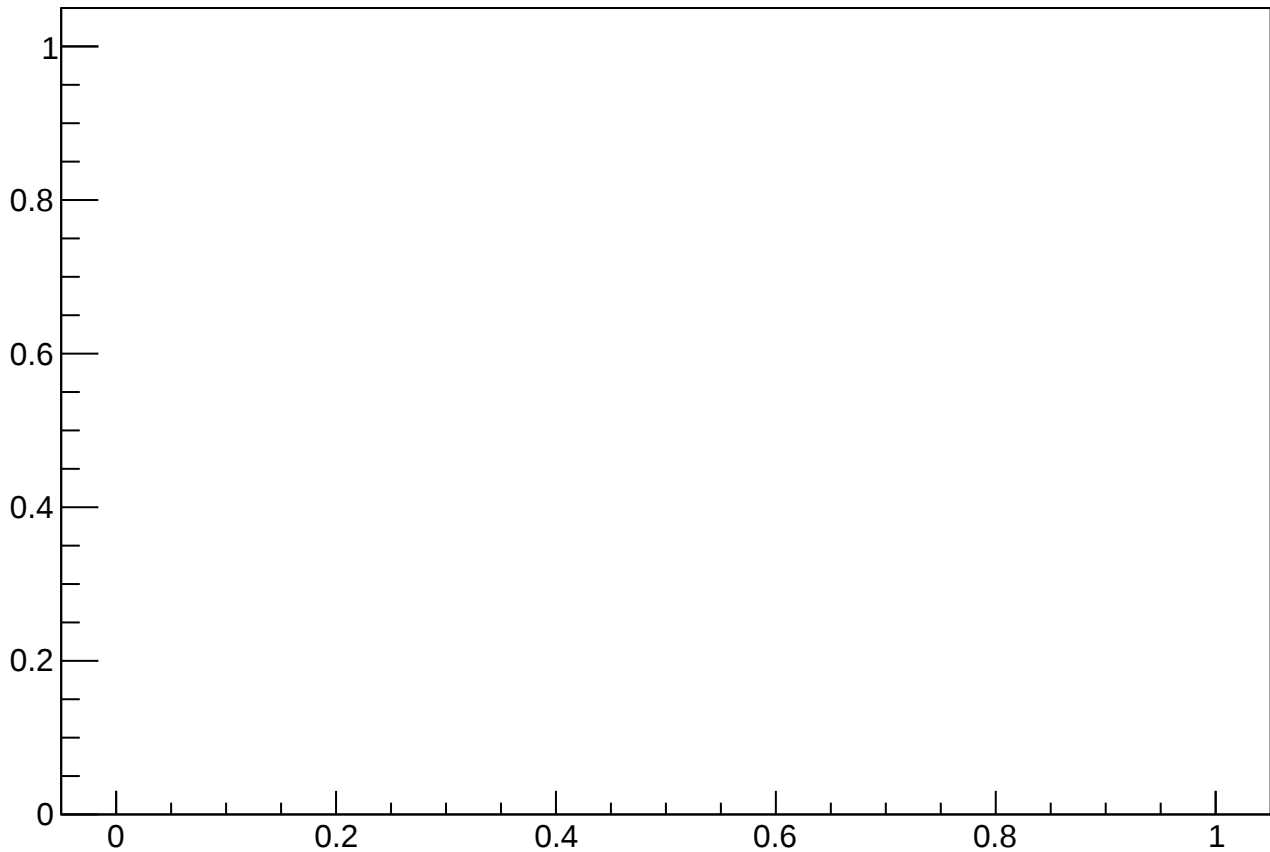
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

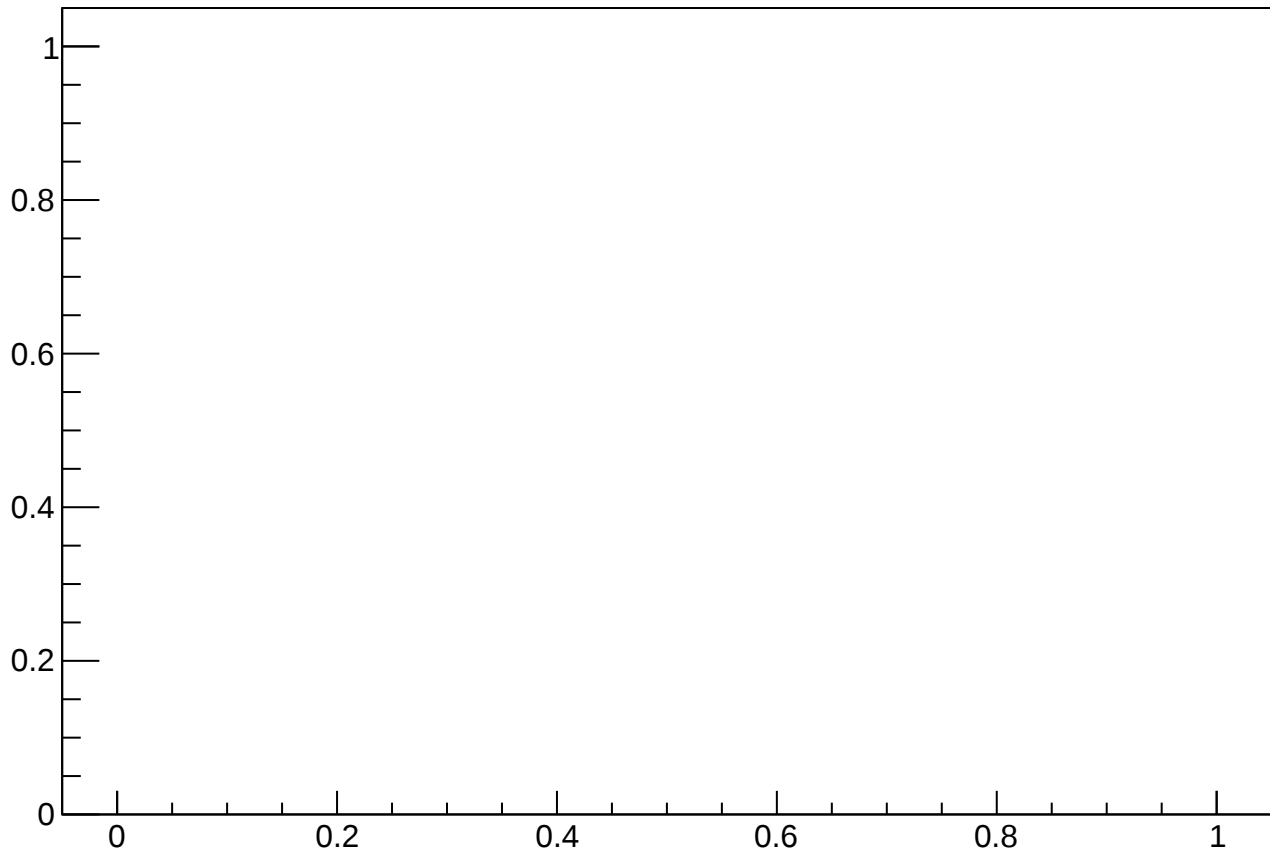
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

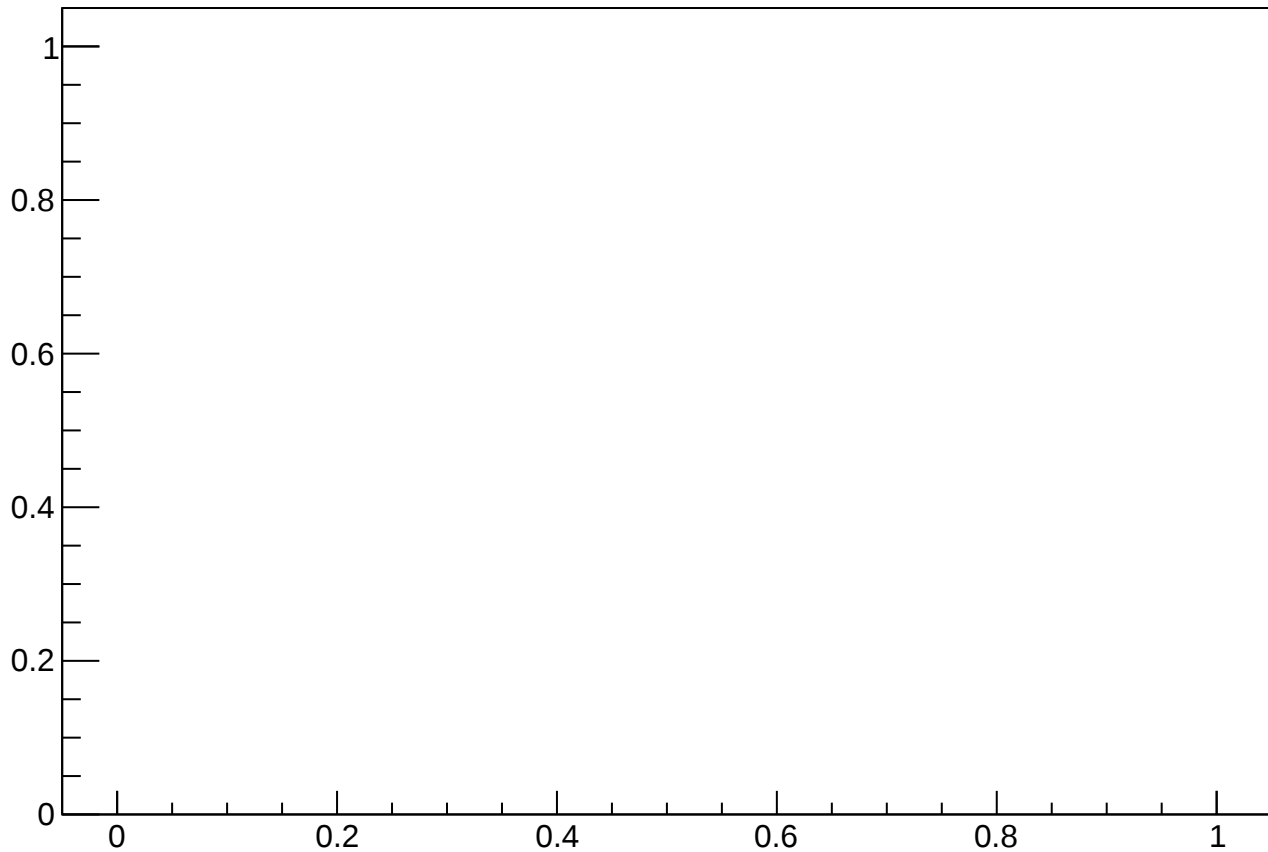
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

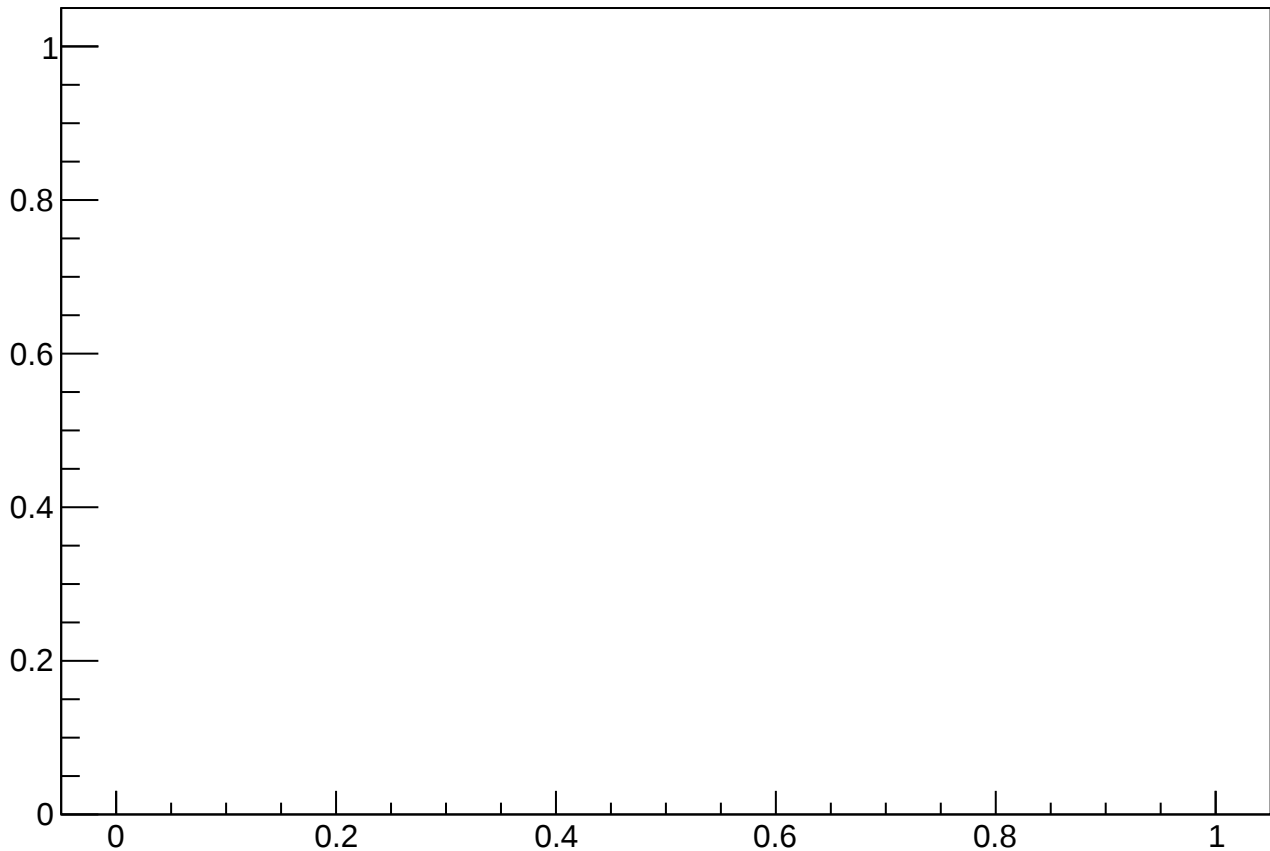
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

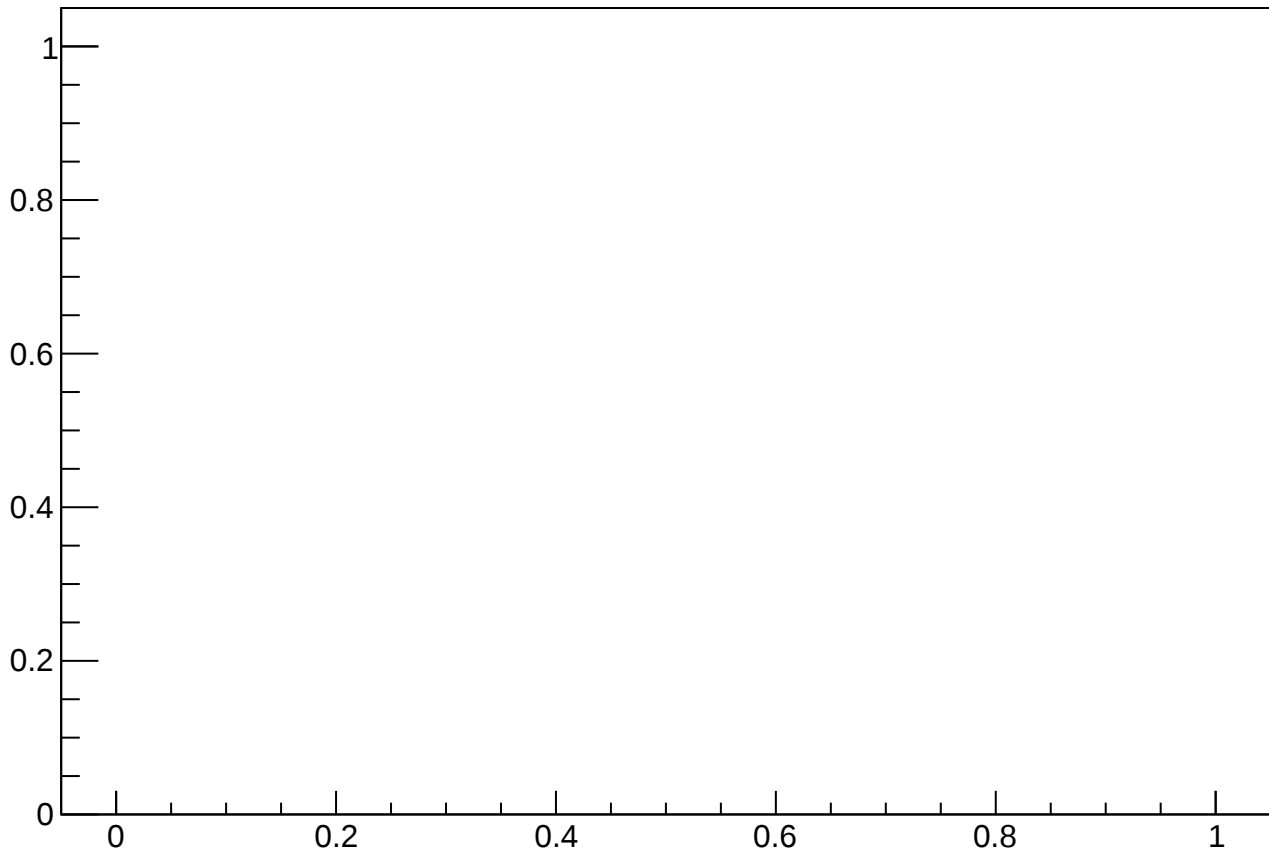
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

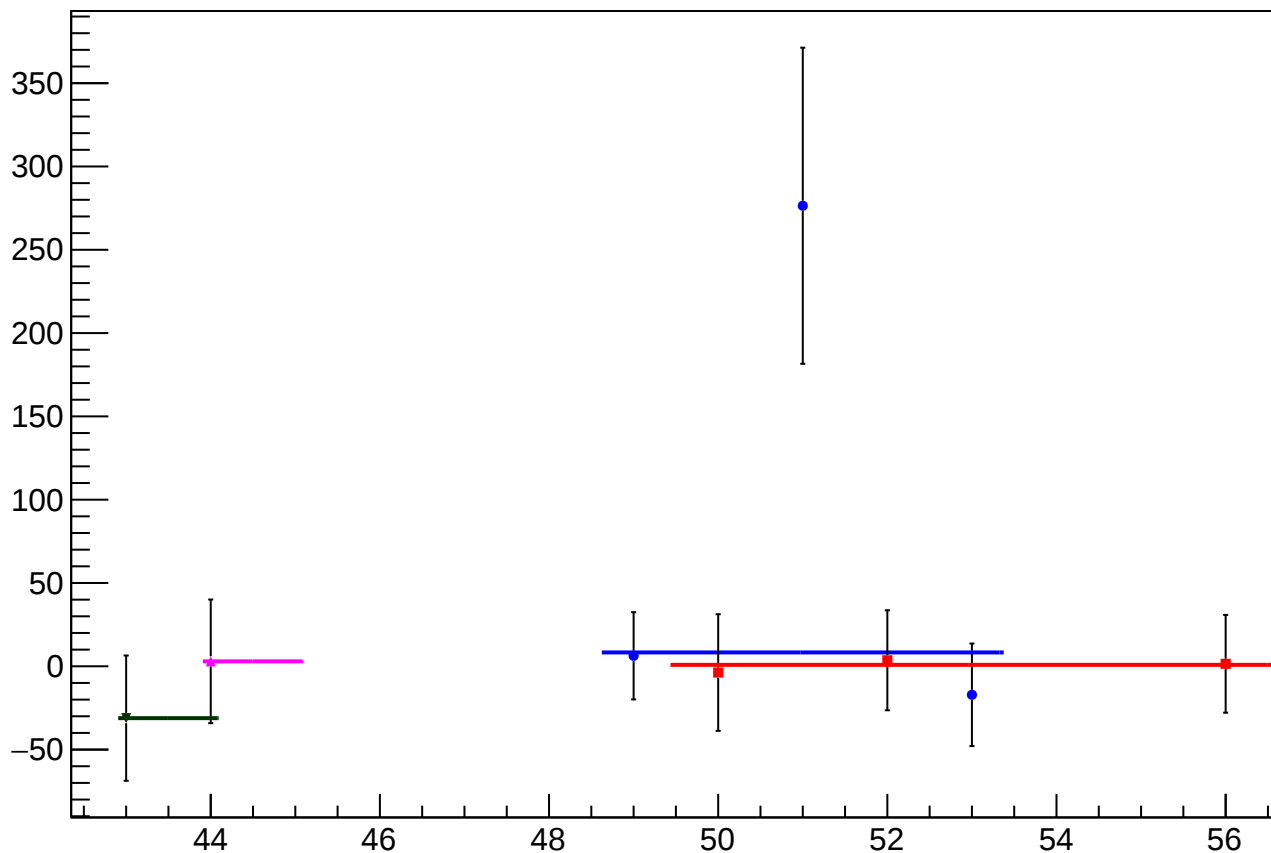
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.310 $\pm$ 19.515 χ^2/NDF : 8.7/2

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

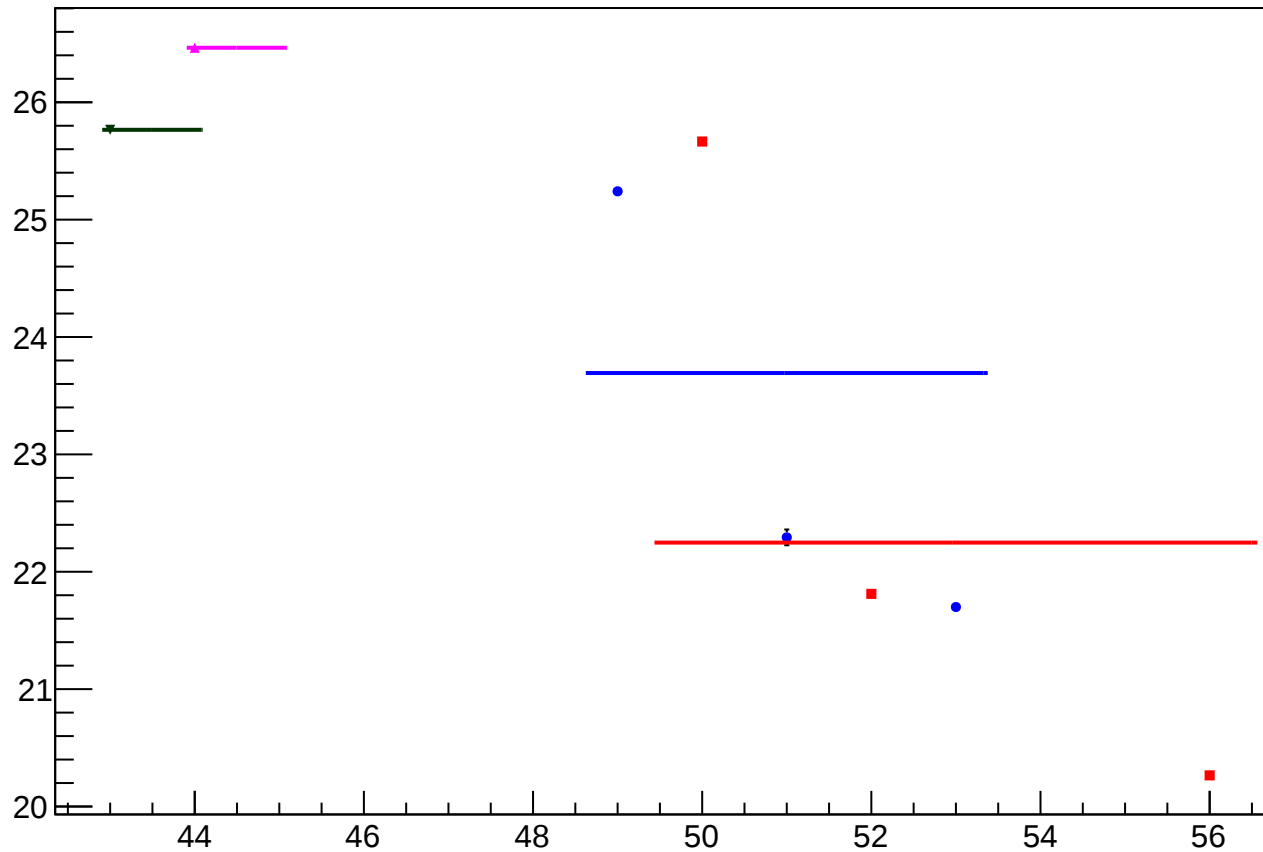
Right Out: 0.864 $\pm$ 17.999 χ^2/NDF : 0.0/2

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

-0.059 $\pm$ 17.321 χ^2/NDF : 9.5/3

1.264 $\pm$ 16.194 χ^2/NDF : 0.0/3

bcm_dg_us_ds_dd _rms vs slug



Right In: 23.693 ± 0.014 $\chi^2/\text{NDF}: 15820.2/2$

Left Out: 25.766 ± 0.027 $\chi^2/\text{NDF}: 0.0/0$

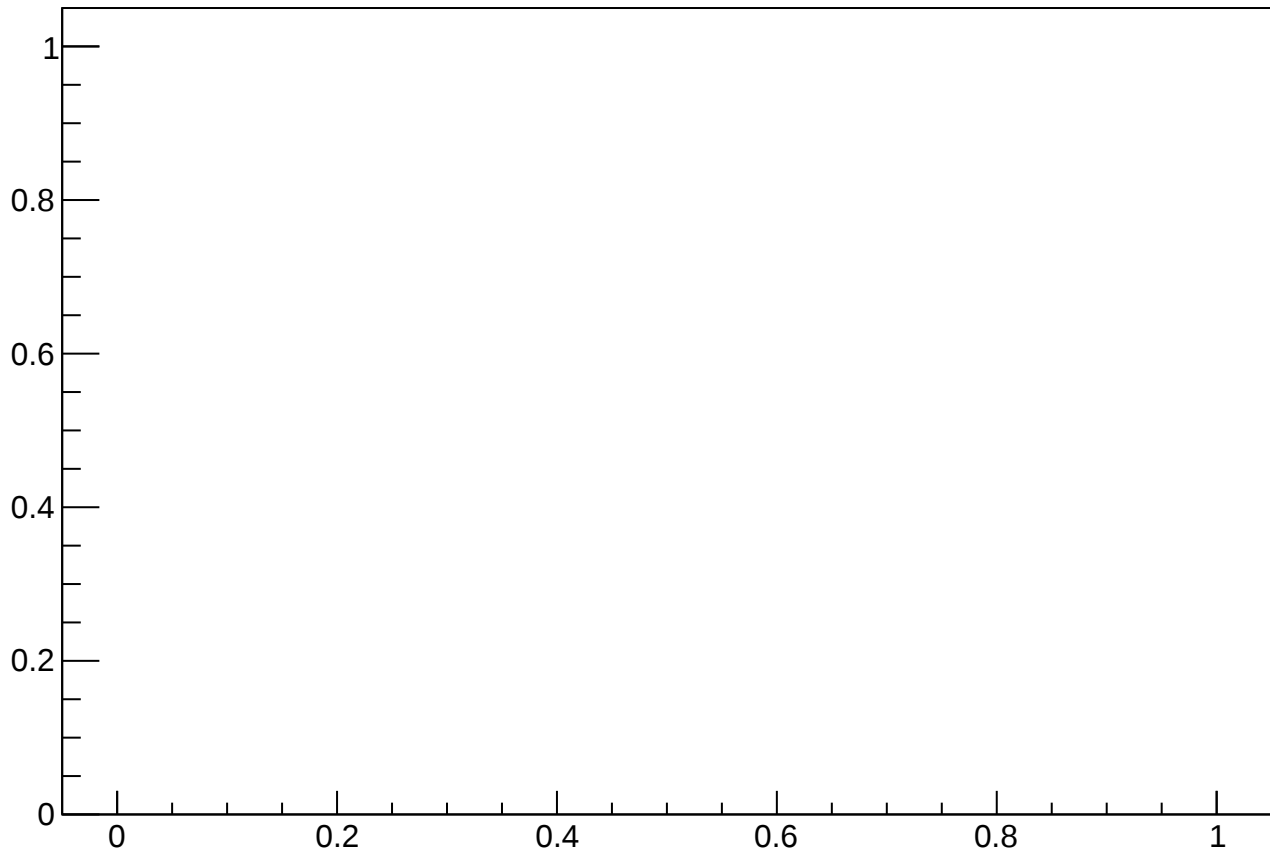
Right Out: 22.249 ± 0.013 $\chi^2/\text{NDF}: 28609.9/2$

Left In: 26.465 ± 0.026 $\chi^2/\text{NDF}: 0.0/0$

24.133 ± 0.012 $\chi^2/\text{NDF}: 20605.7/3$

23.051 ± 0.011 $\chi^2/\text{NDF}: 49506.3/3$

bcm_dg_us_ds3_dd_mean vs slug



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

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

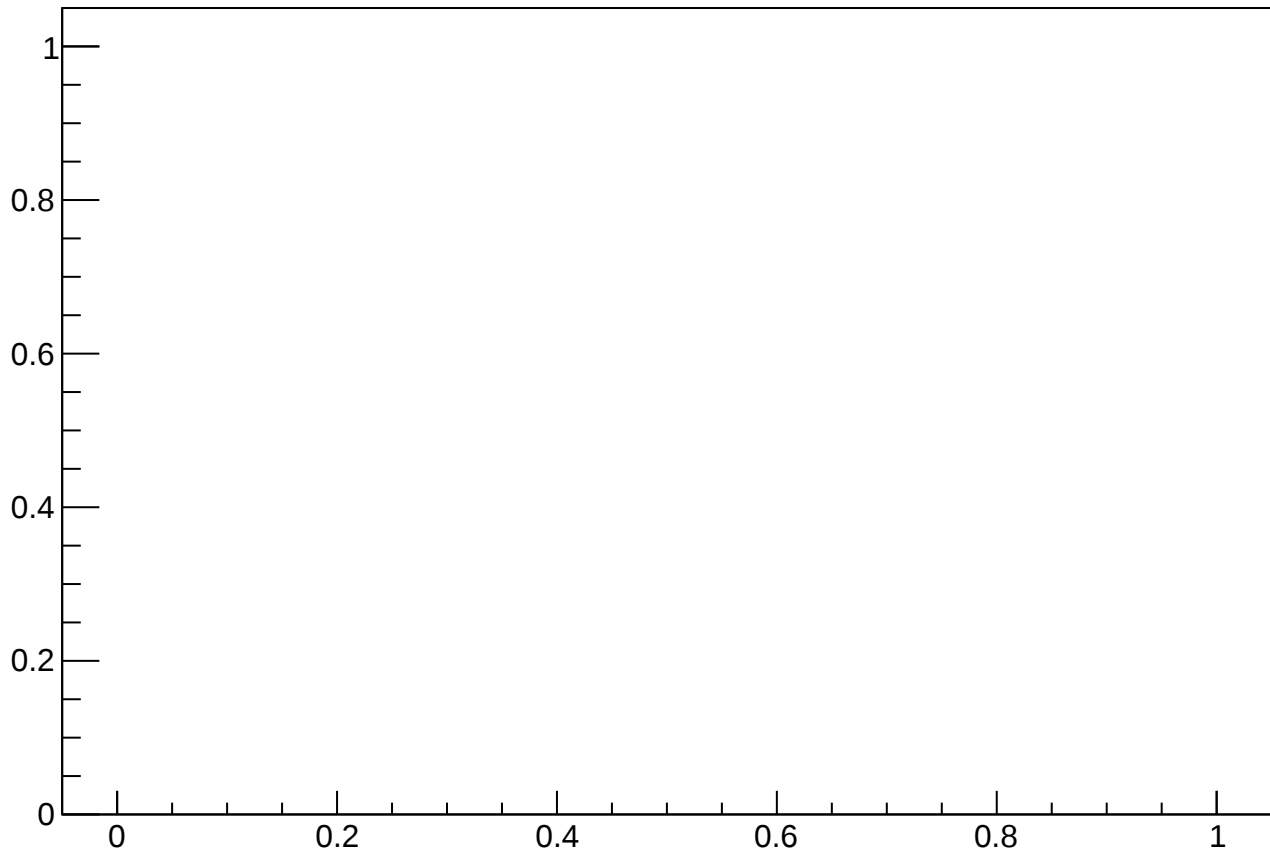
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

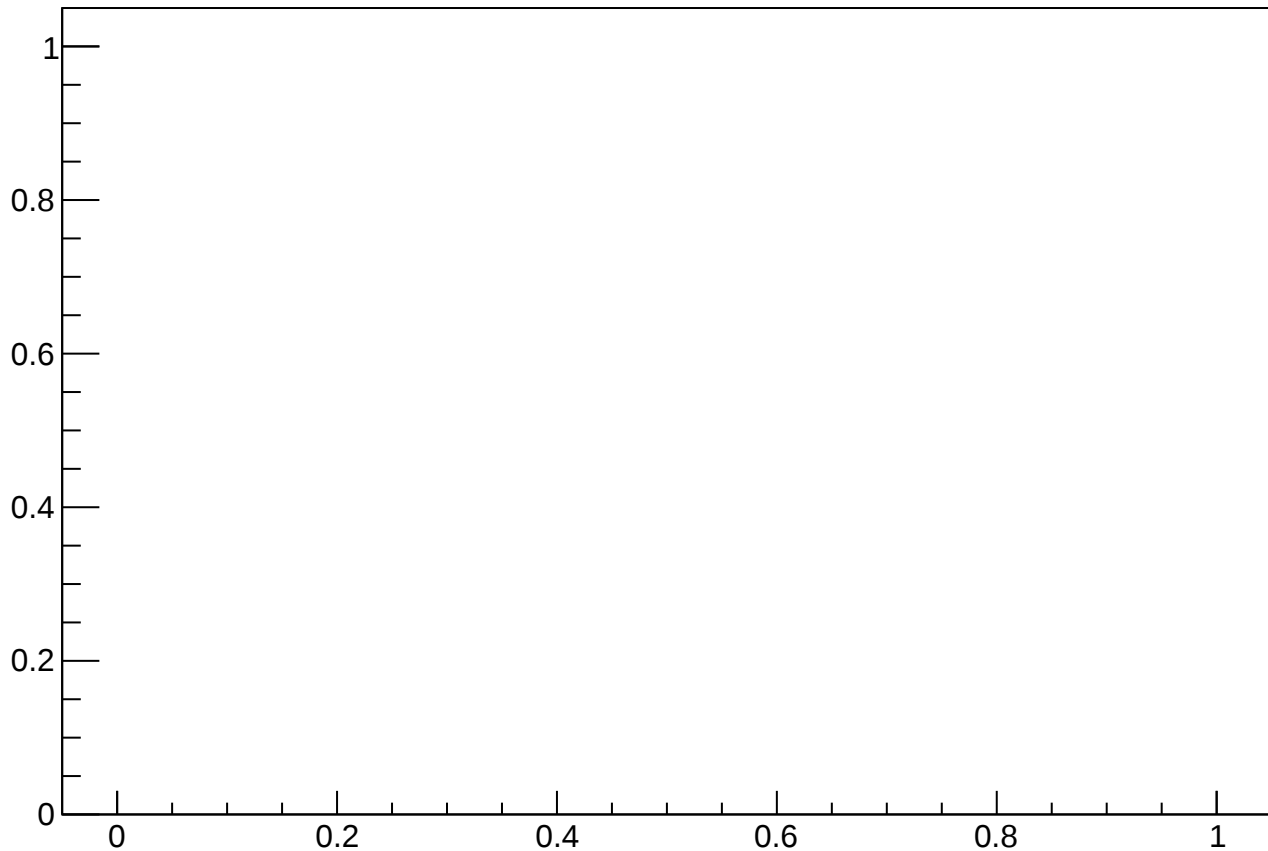
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

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

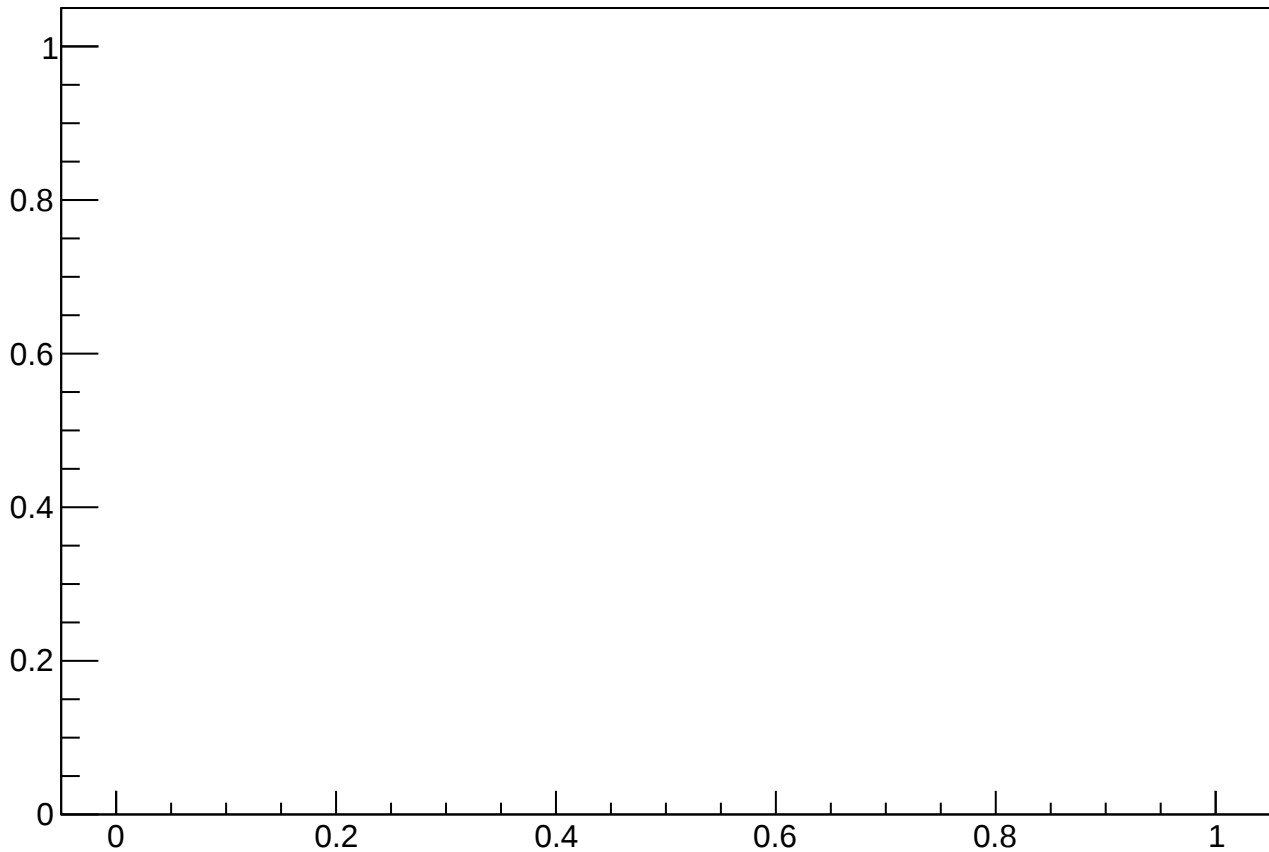
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

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

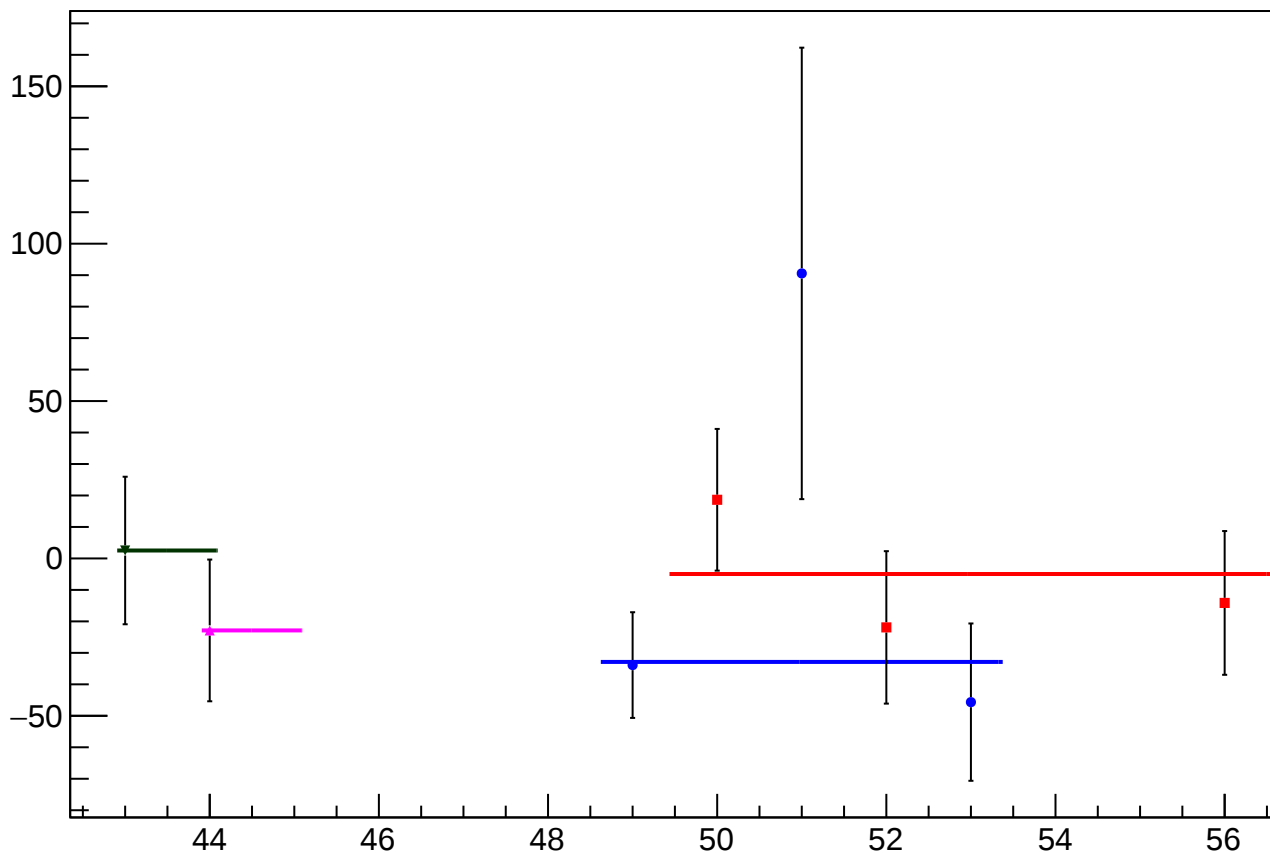
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -32.880 $\pm$ 13.681 χ^2 /NDF: 3.2/2

Left Out: 2.521 $\pm$ 23.436 χ^2 /NDF: 0.0/0

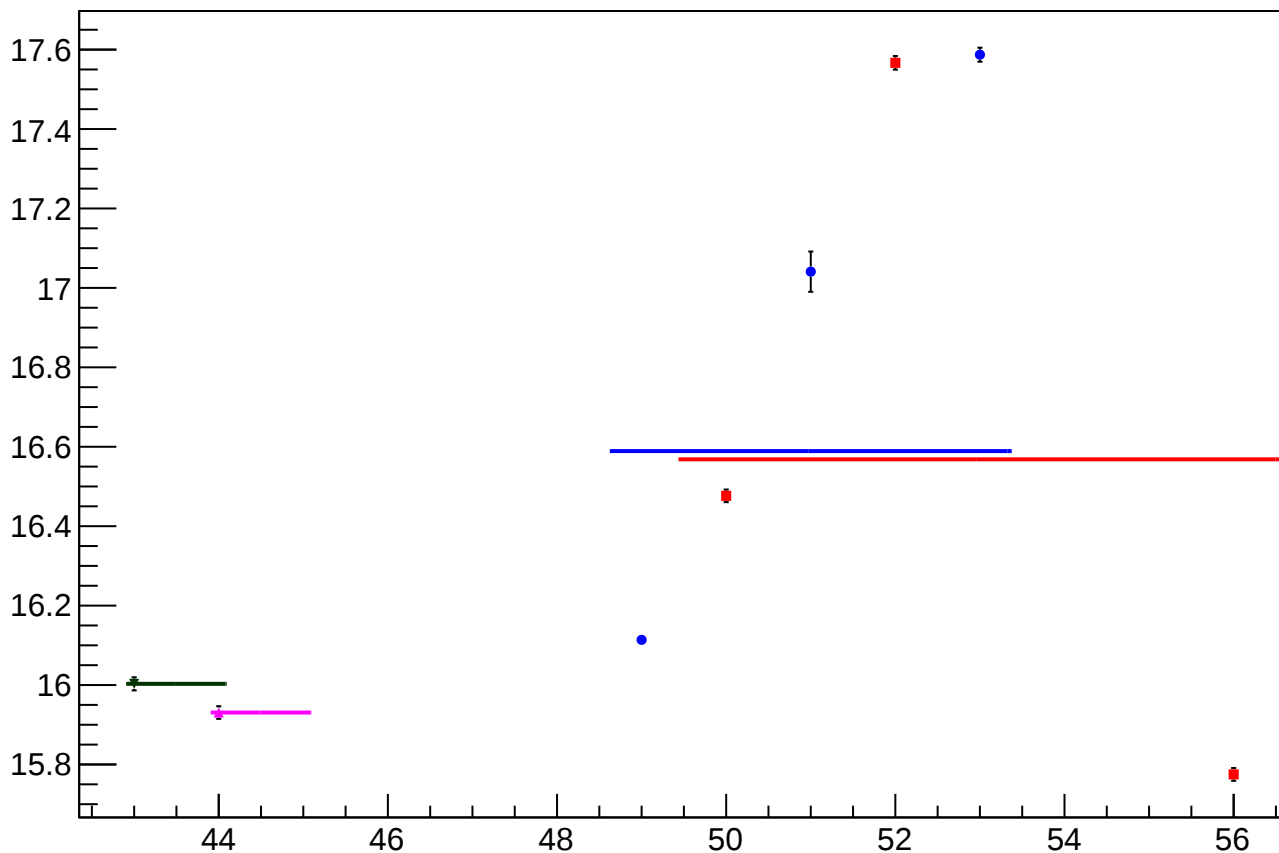
Right Out: -4.948 $\pm$ 13.368 χ^2 /NDF: 1.7/2

Left In: -22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

-23.883 $\pm$ 11.815 χ^2 /NDF: 4.9/3

-9.620 $\pm$ 11.494 χ^2 /NDF: 2.2/3

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.589 $\pm$ 0.010 χ^2/NDF : 4871.9/2

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

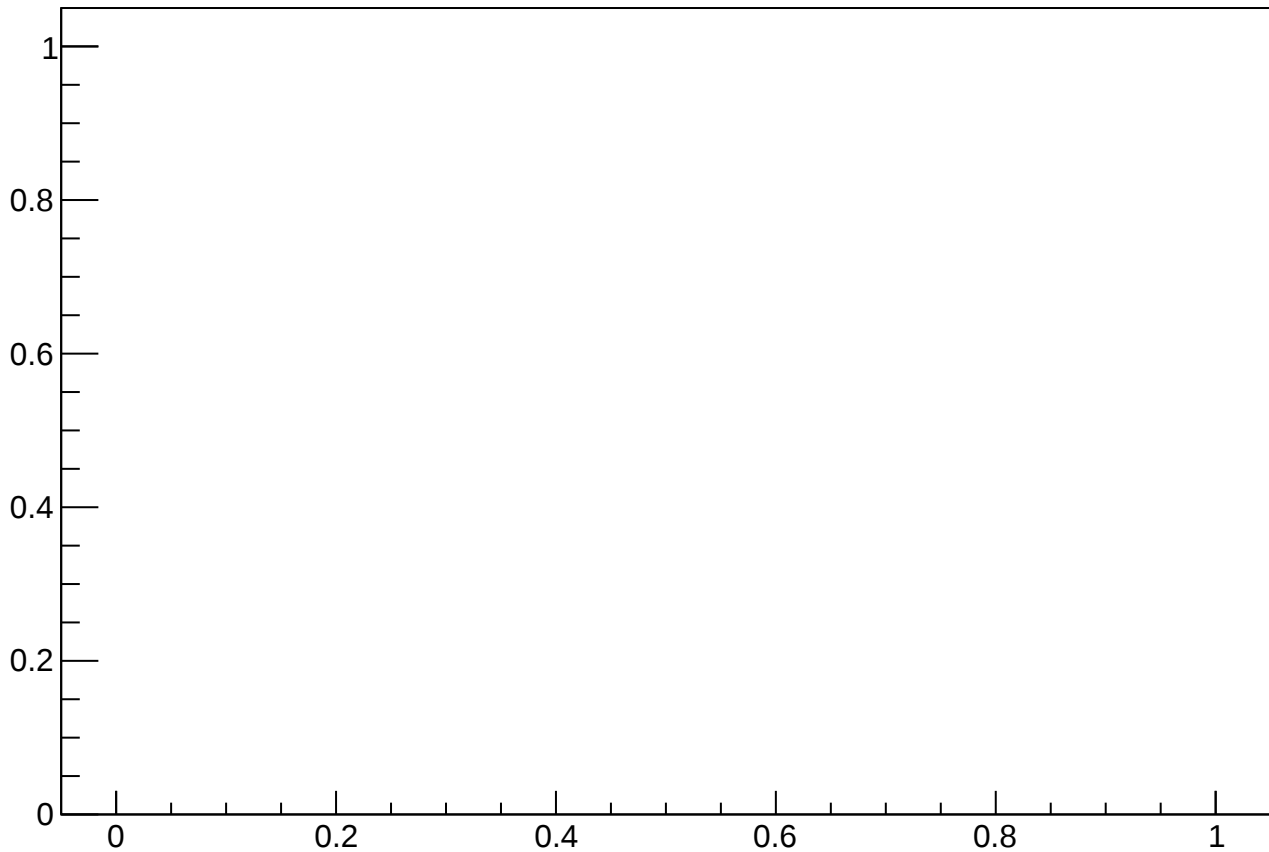
Right Out: 16.568 $\pm$ 0.009 χ^2/NDF : 5846.0/2

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

16.440 $\pm$ 0.008 χ^2/NDF : 5804.5/3

16.402 $\pm$ 0.008 χ^2/NDF : 7031.8/3

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

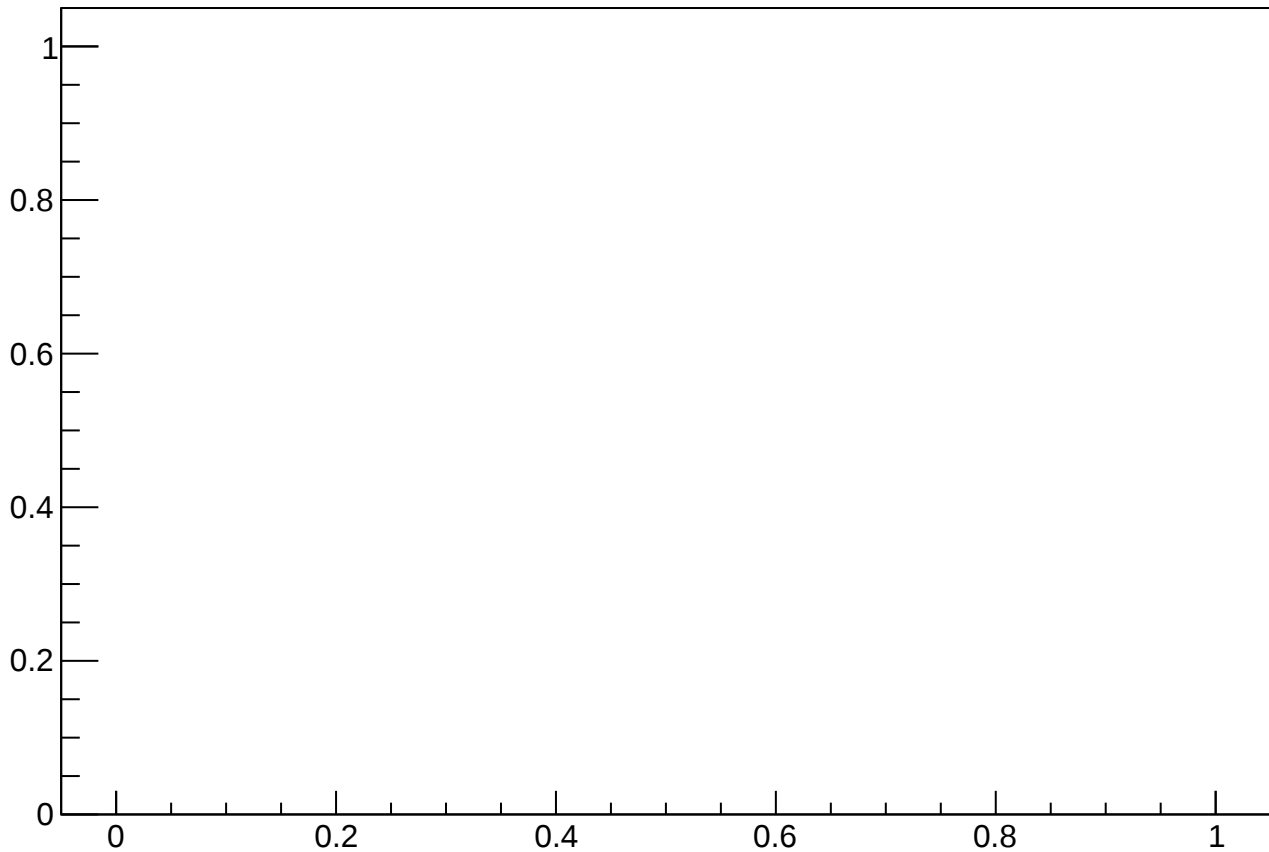
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

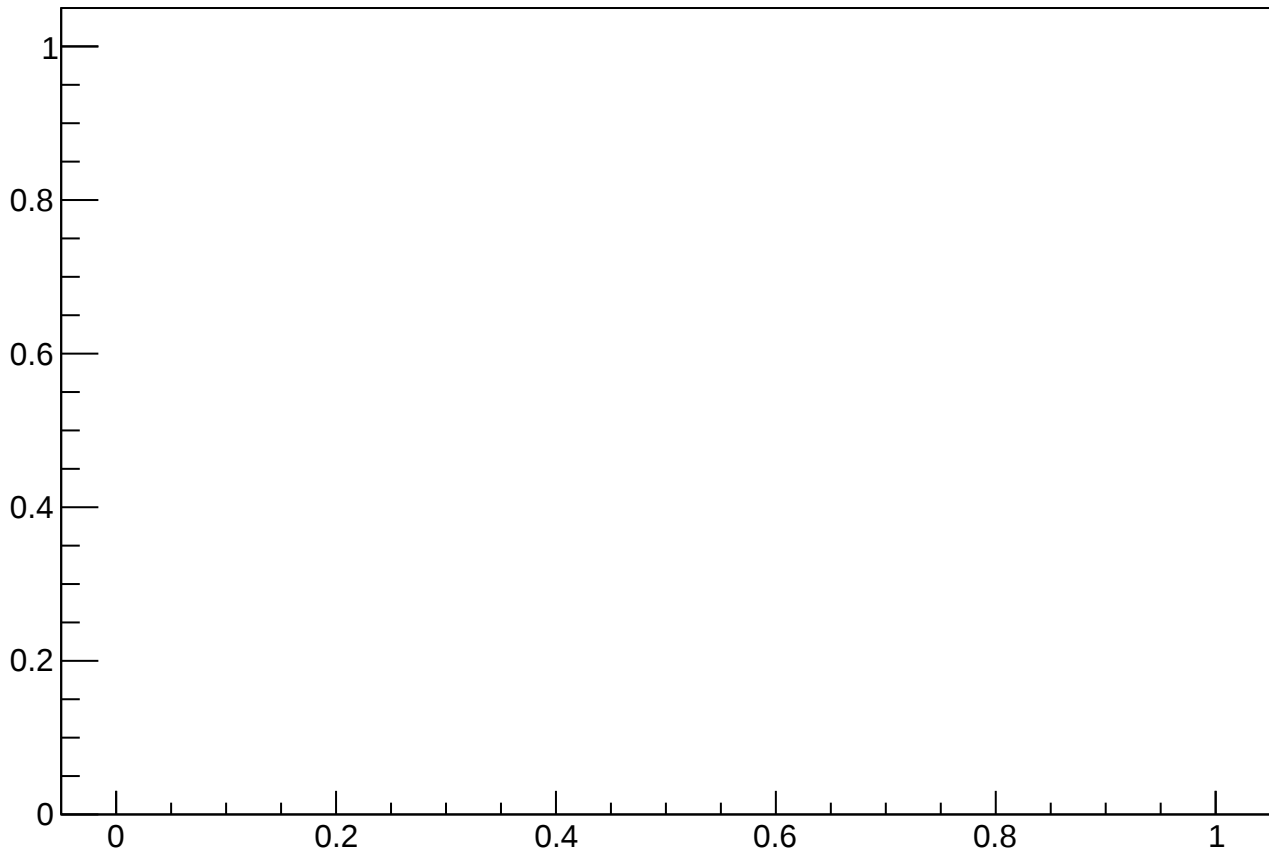
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 _mean vs slug



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

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

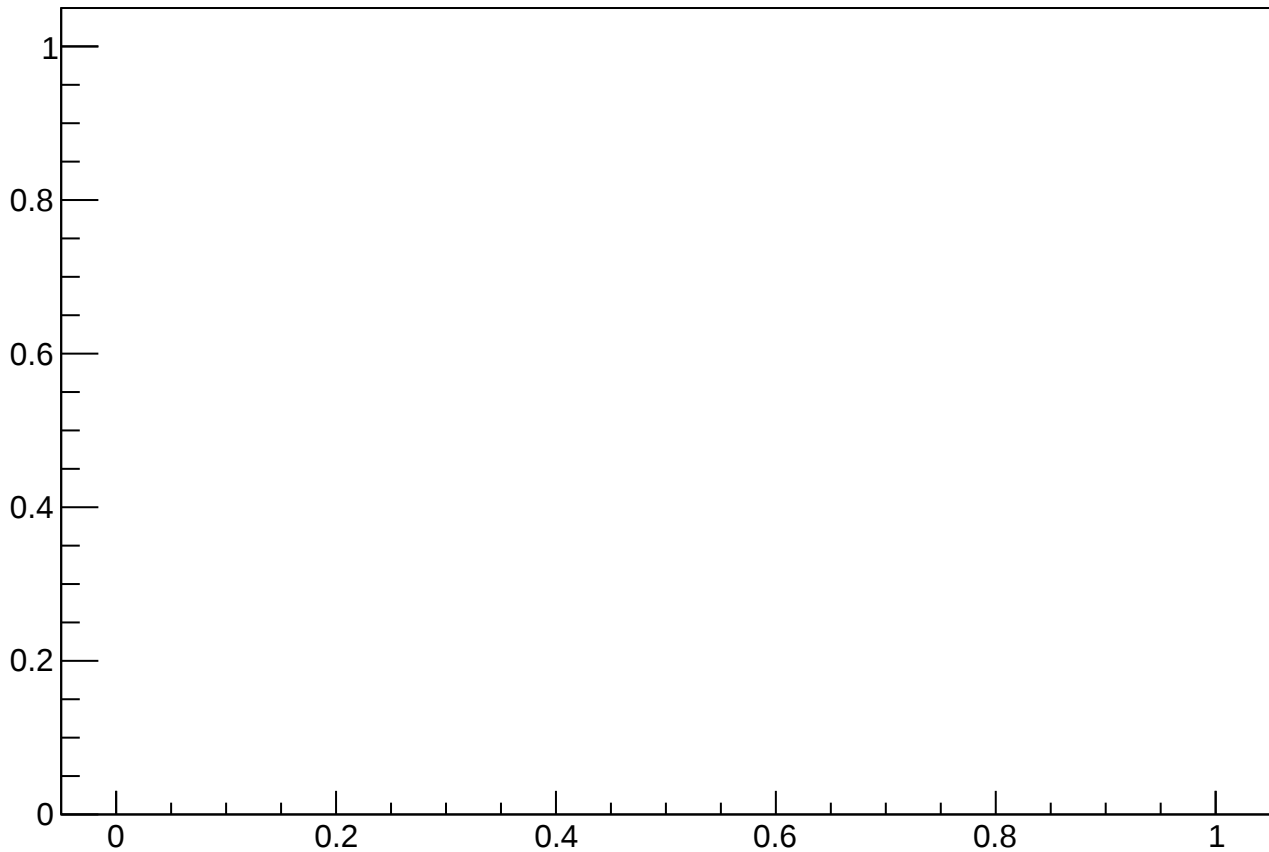
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

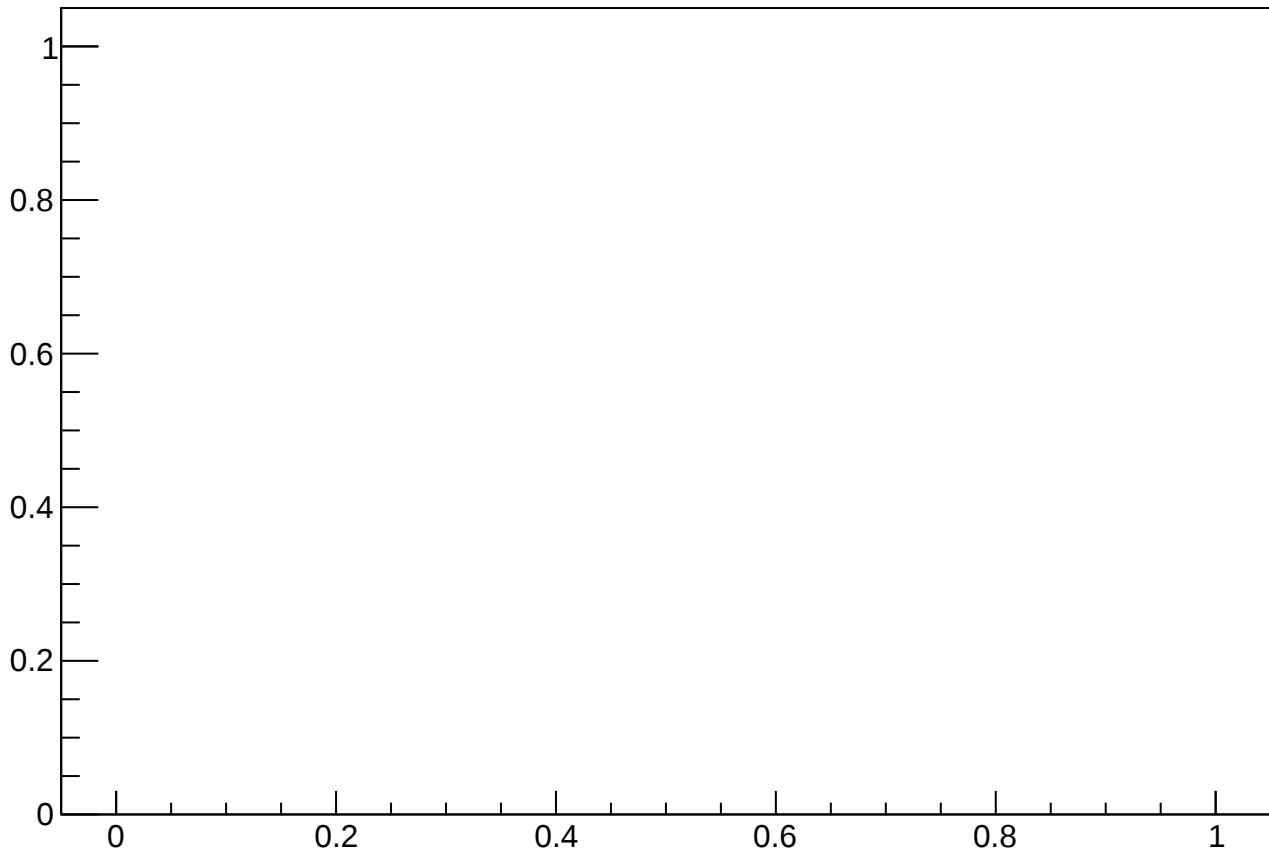
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

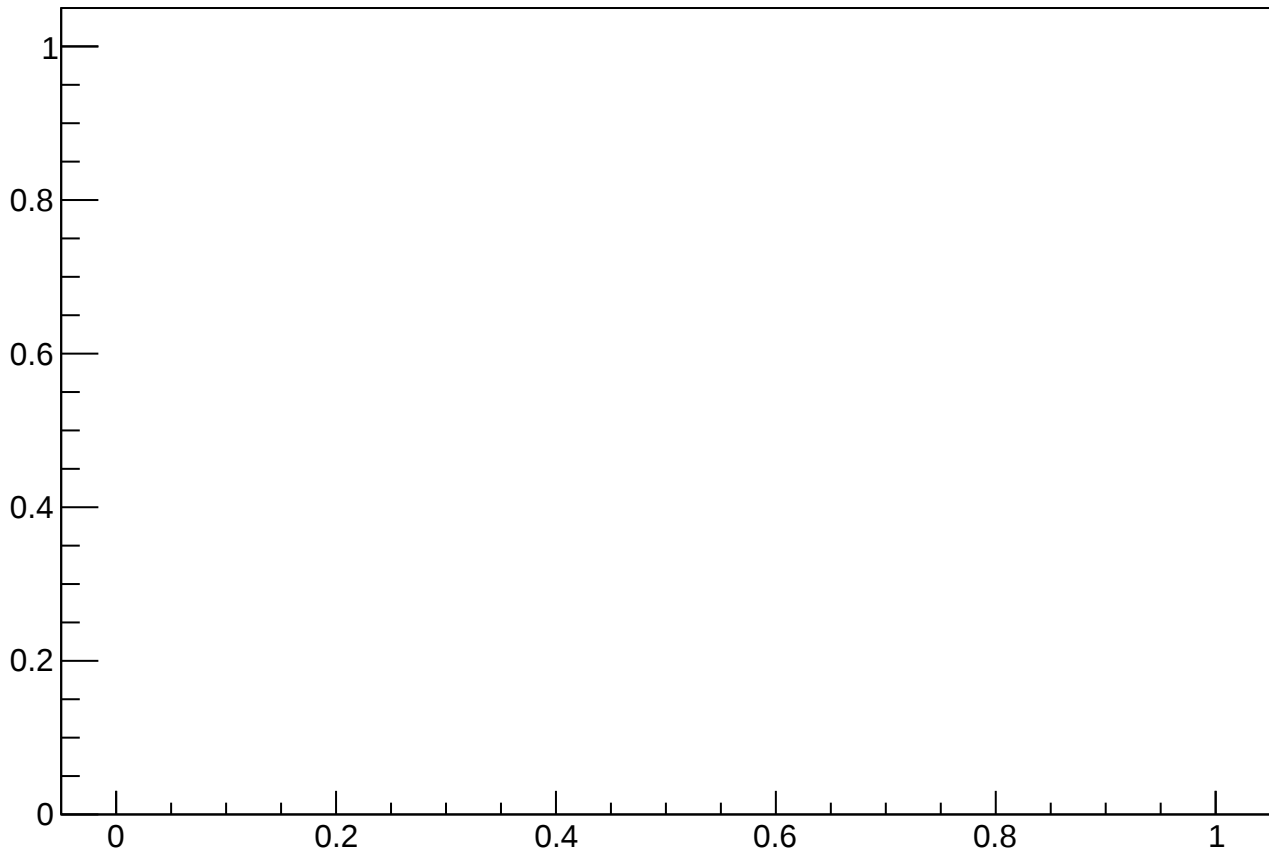
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

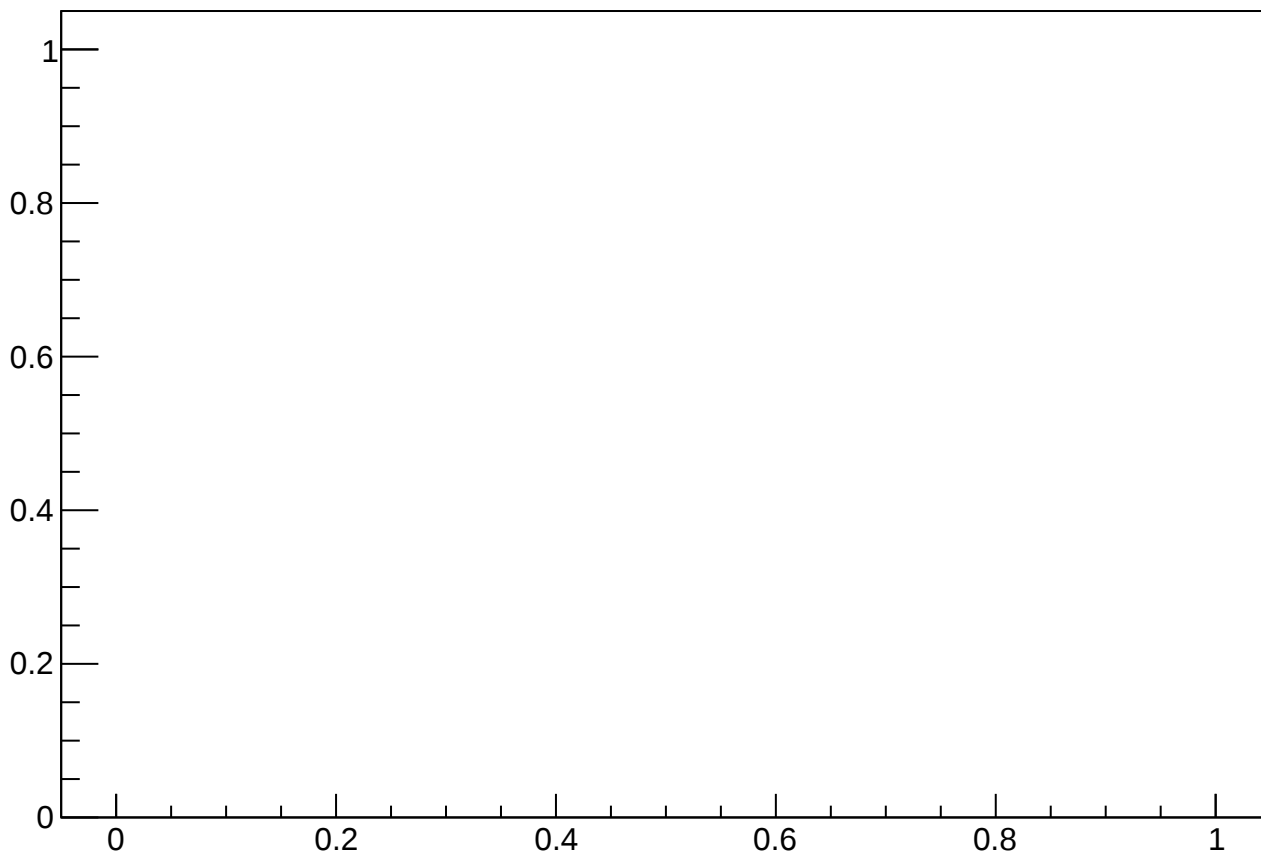
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

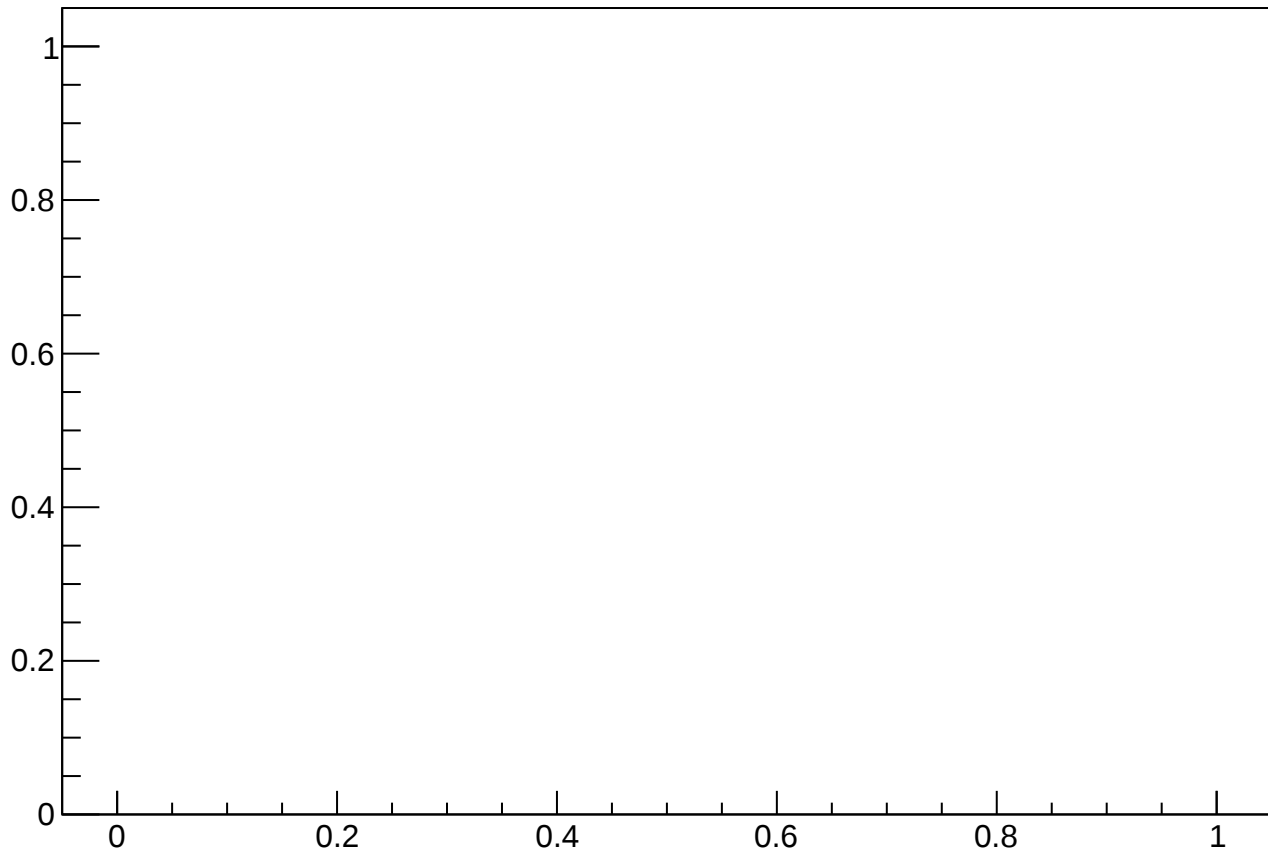
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

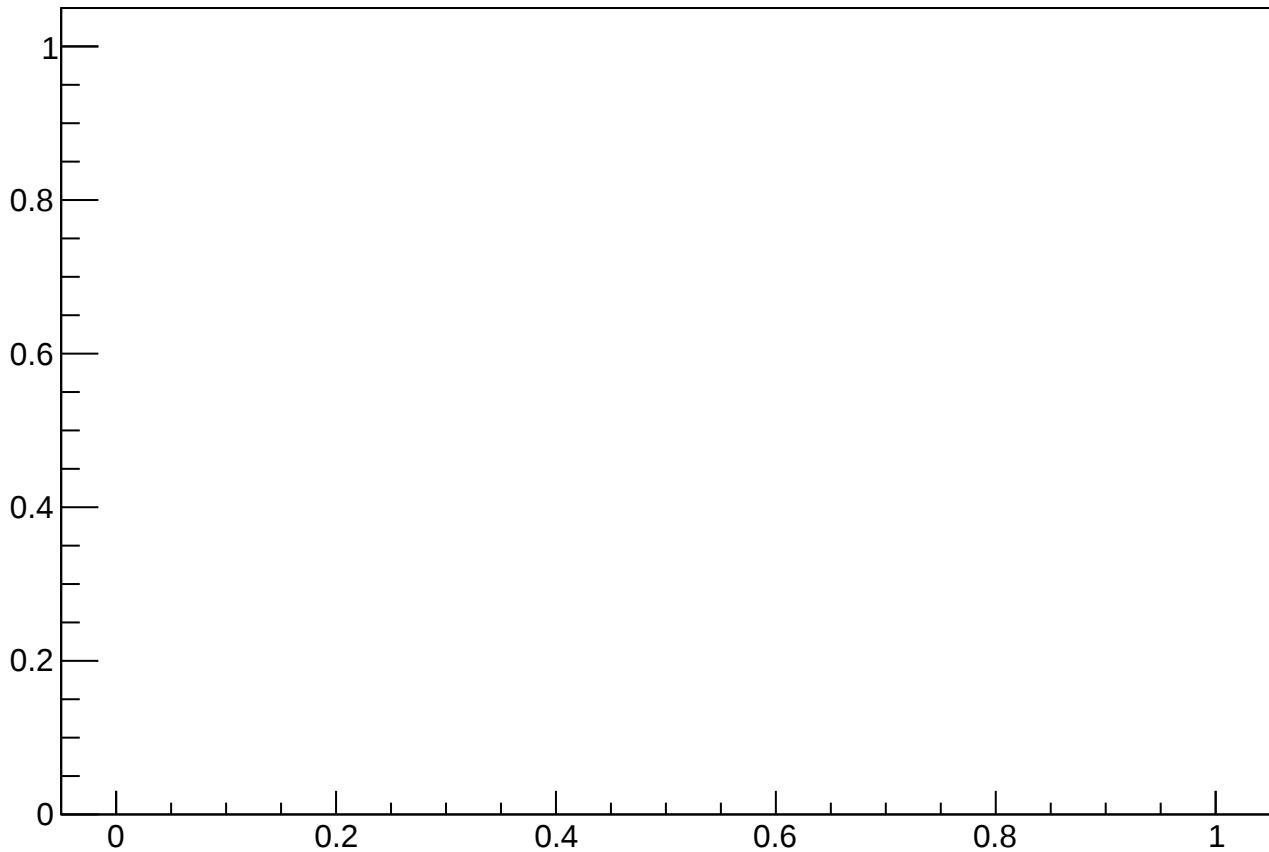
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

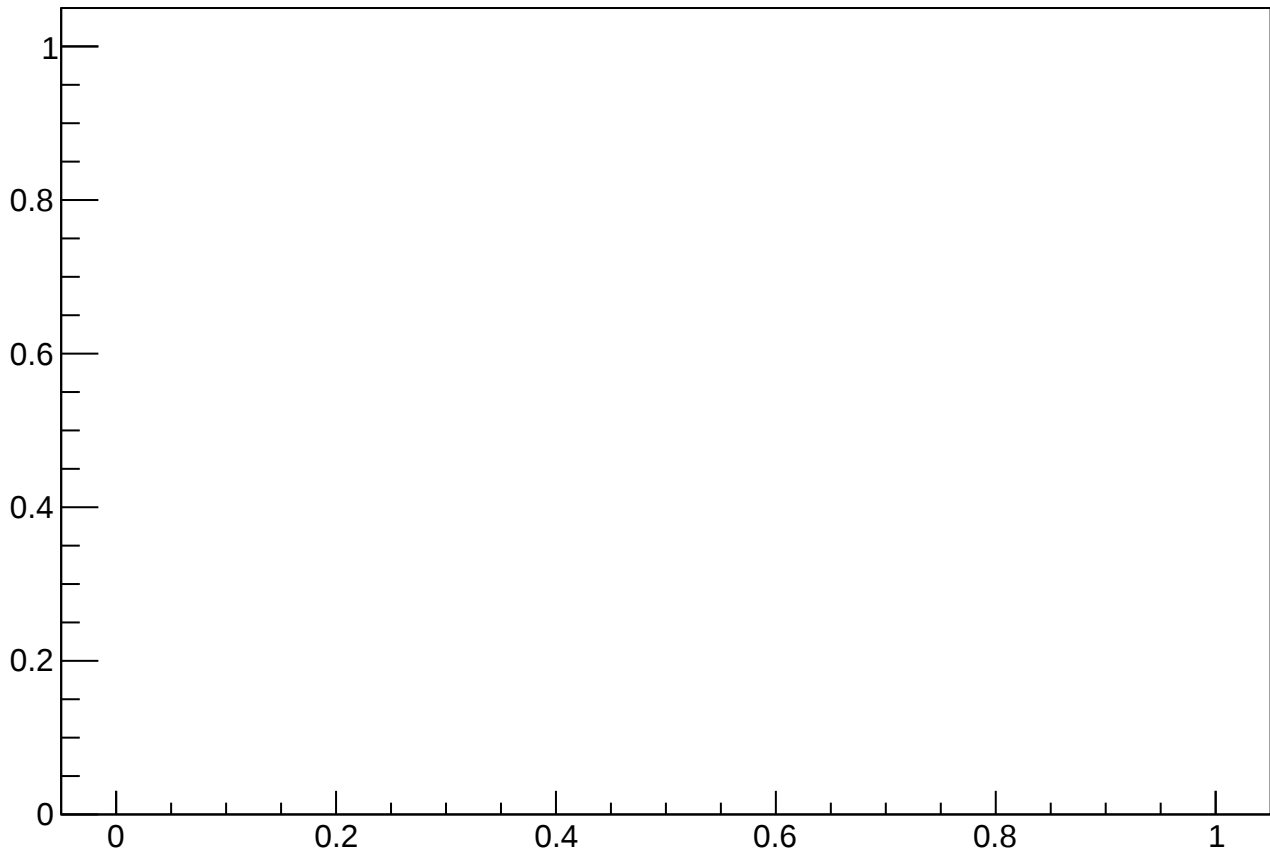
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

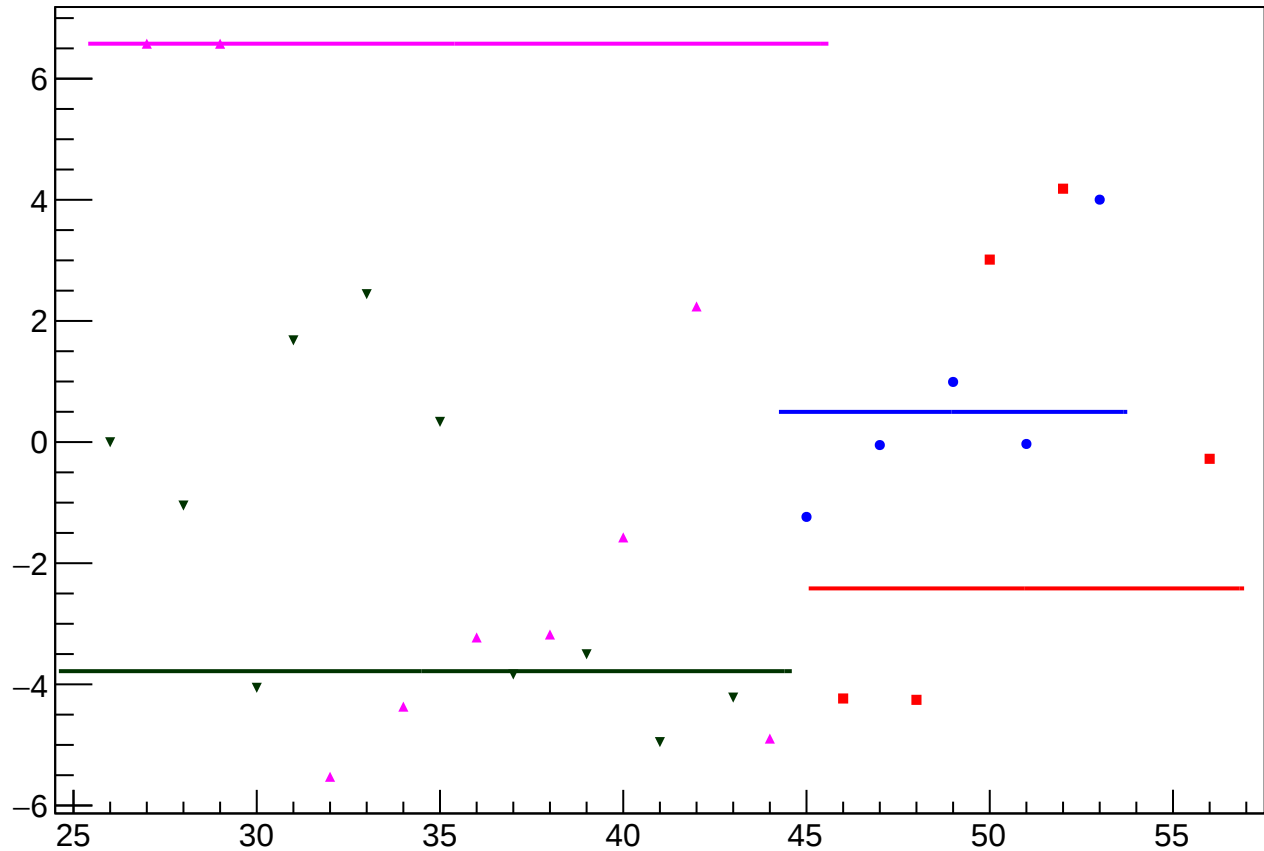
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: 0.499 ± 0.002 χ^2/NDF : 934892.7/4

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

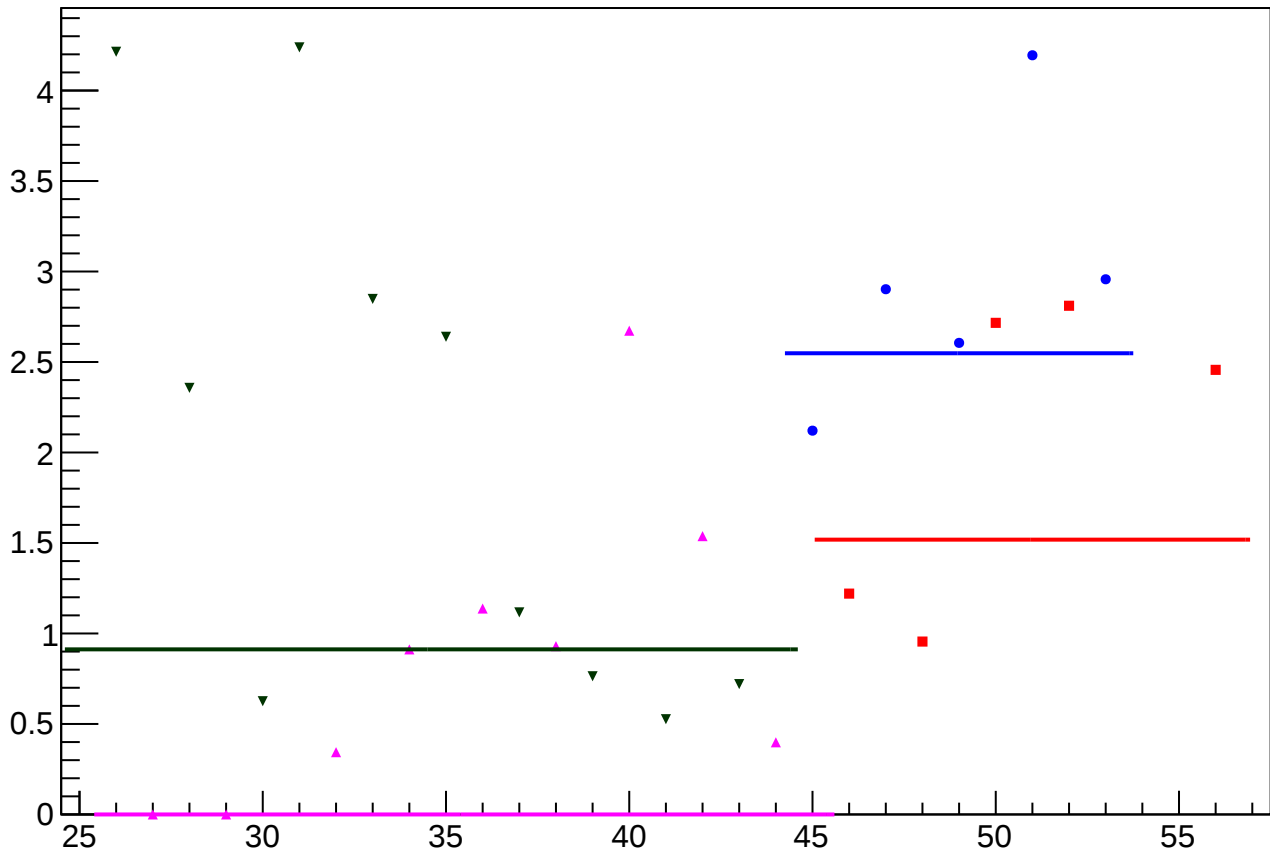
Right Out: -2.416 ± 0.001 χ^2/NDF : 5864065.9/4

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

-3.298 ± 0.001 χ^2/NDF : 11779624.2/14

6.578 ± 0.000 χ^2/NDF : 878646305.1/13

yield_cav4bX_rms vs slug



Right In: 2.548 $\pm$ 0.001 χ^2 /NDF: 84897.7/4

Left Out: 0.912 $\pm$ 0.000 χ^2 /NDF:2500224.2/9

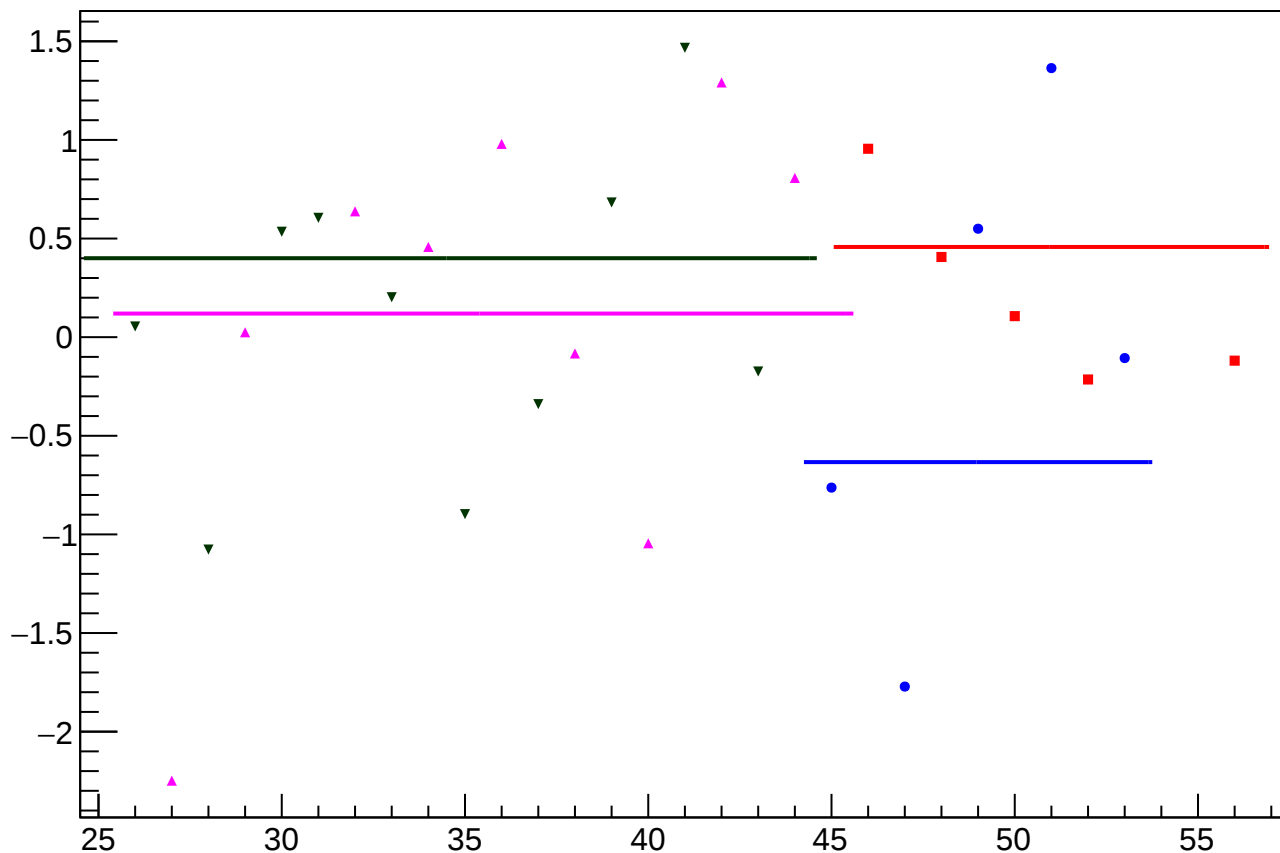
1.097 $\pm$ 0.000 χ^2 /NDF: 4102348.4/14

Right Out: 1.518 $\pm$ 0.001 χ^2 /NDF: 654222.7/4

0.000 $\pm$ 0.000 χ^2 /NDF: 8142749.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:4639772.6/8

yield_cav4bY_mean vs slug



Right In: -0.633 ± 0.001 χ^2/NDF : 1414470.1/4

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

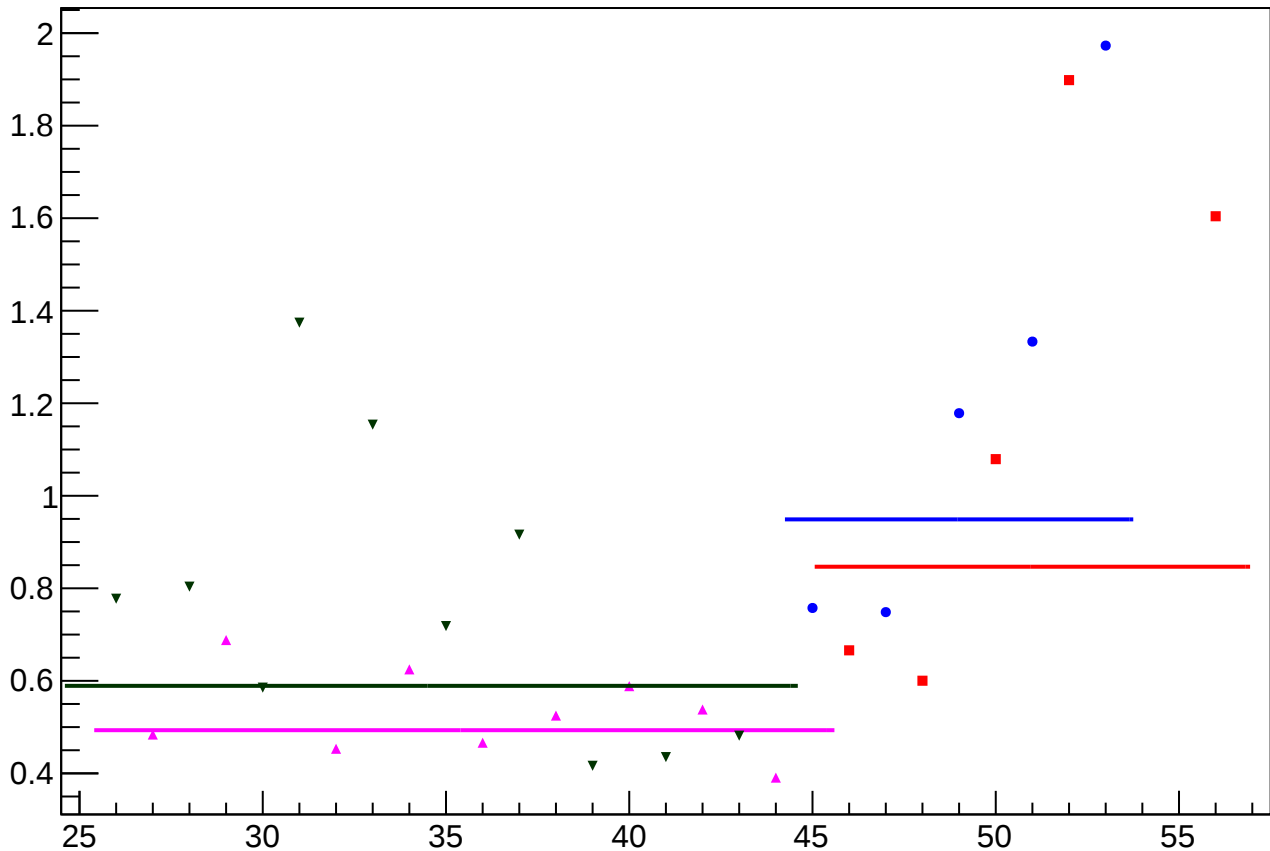
Right Out: 0.457 ± 0.001 χ^2/NDF : 346502.1/4

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

0.236 ± 0.000 χ^2/NDF : 9884371.1/14

0.163 ± 0.000 χ^2/NDF : 20671945.5/13

yield_cav4bY_rms vs slug



Right In: 0.949 $\pm$ 0.001 χ^2 /NDF: 410379.0/4

Left Out: 0.589 $\pm$ 0.000 χ^2 /NDF: 892098.1/9

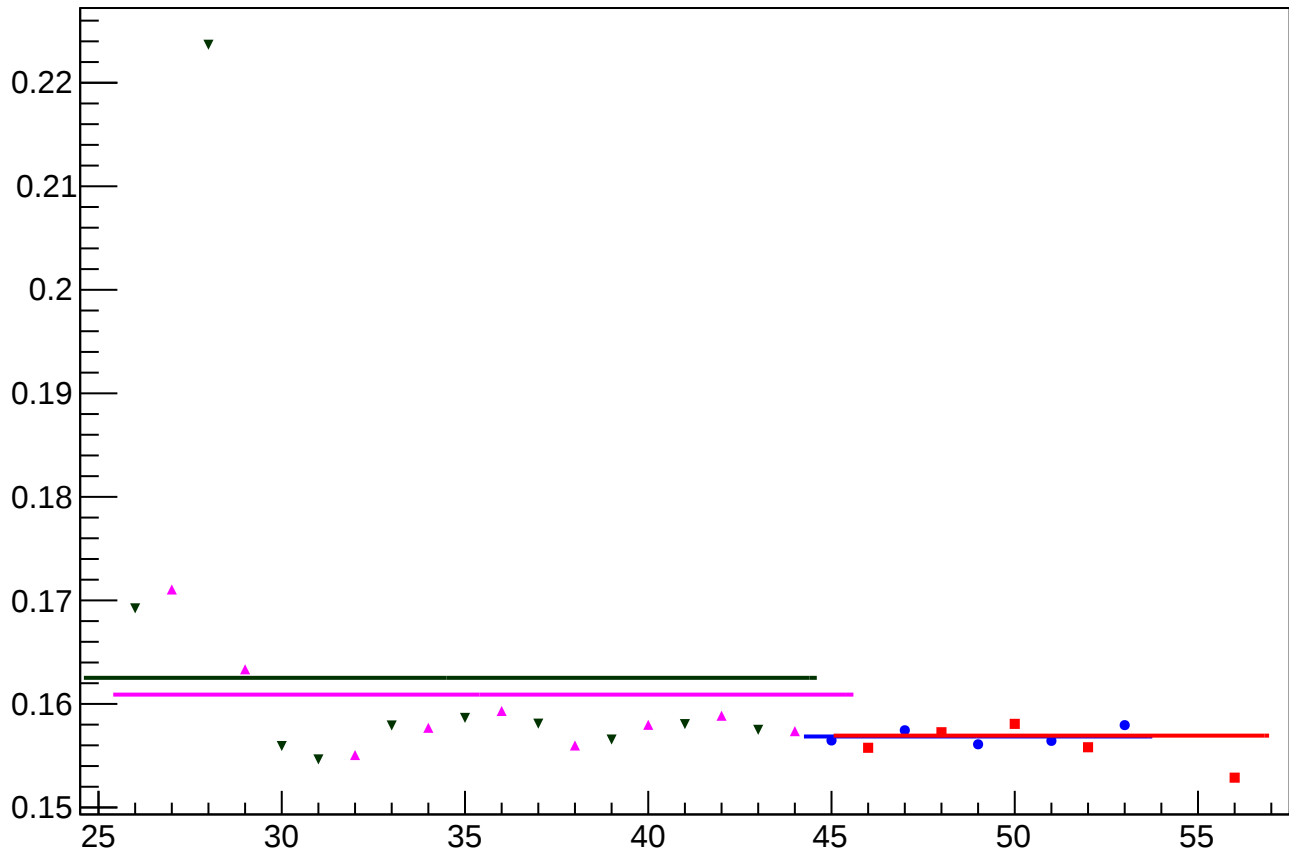
0.646 $\pm$ 0.000 χ^2 /NDF: 1701594.1/14

Right Out: 0.847 $\pm$ 0.000 χ^2 /NDF: 708943.6/4

0.538 $\pm$ 0.000 χ^2 /NDF: 1427898.6/13

Left In: 0.493 $\pm$ 0.000 χ^2 /NDF: 215120.3/8

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 77003.4/4

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

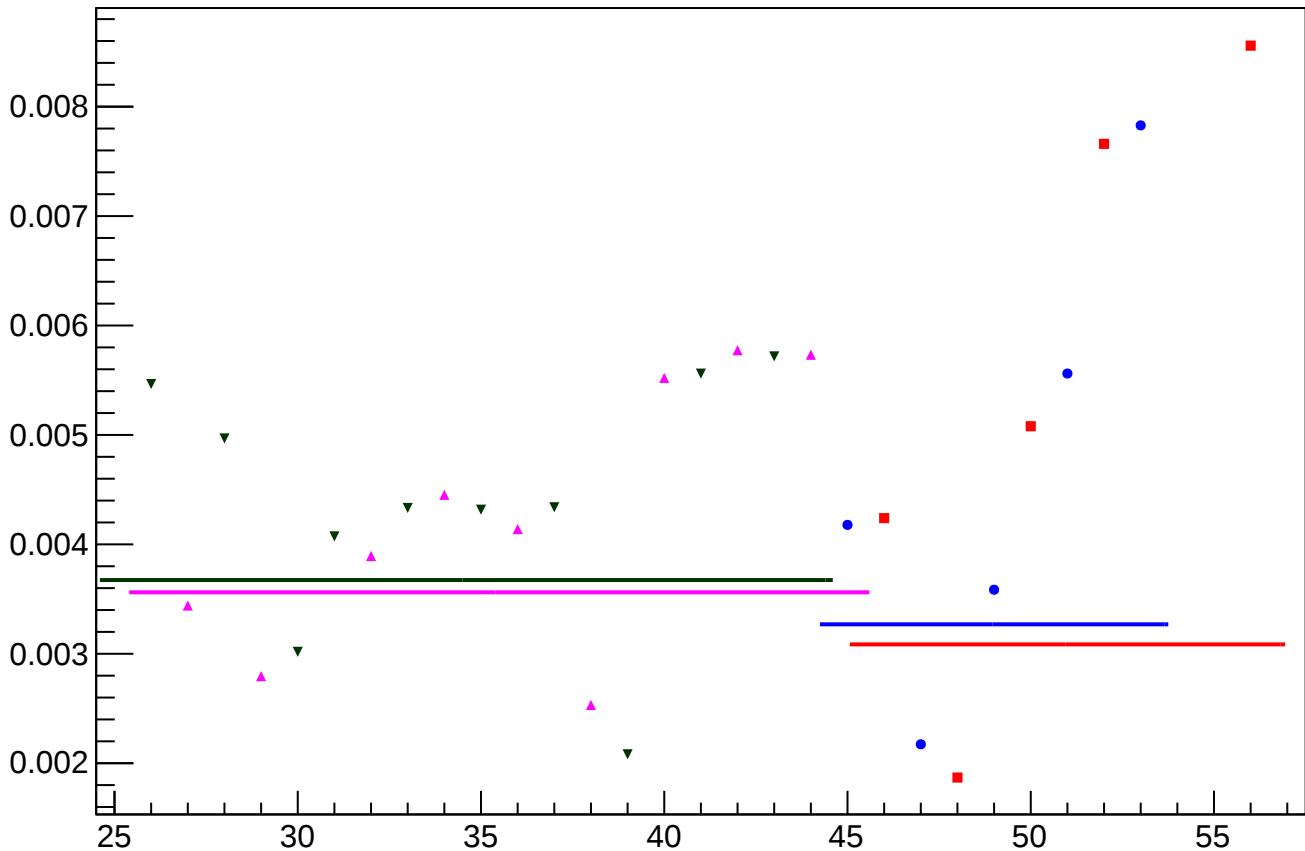
Right Out: 0.157+/-0.000 χ^2/NDF : 181586.9/4

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

0.161+/-0.000 χ^2/NDF : 105652003.7/14

0.160+/-0.000 χ^2/NDF : 13702759.1/13

yield_cav4cX_rms vs slug



Right In: 0.003 ± 0.000 χ^2/NDF : 607751.7/4

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

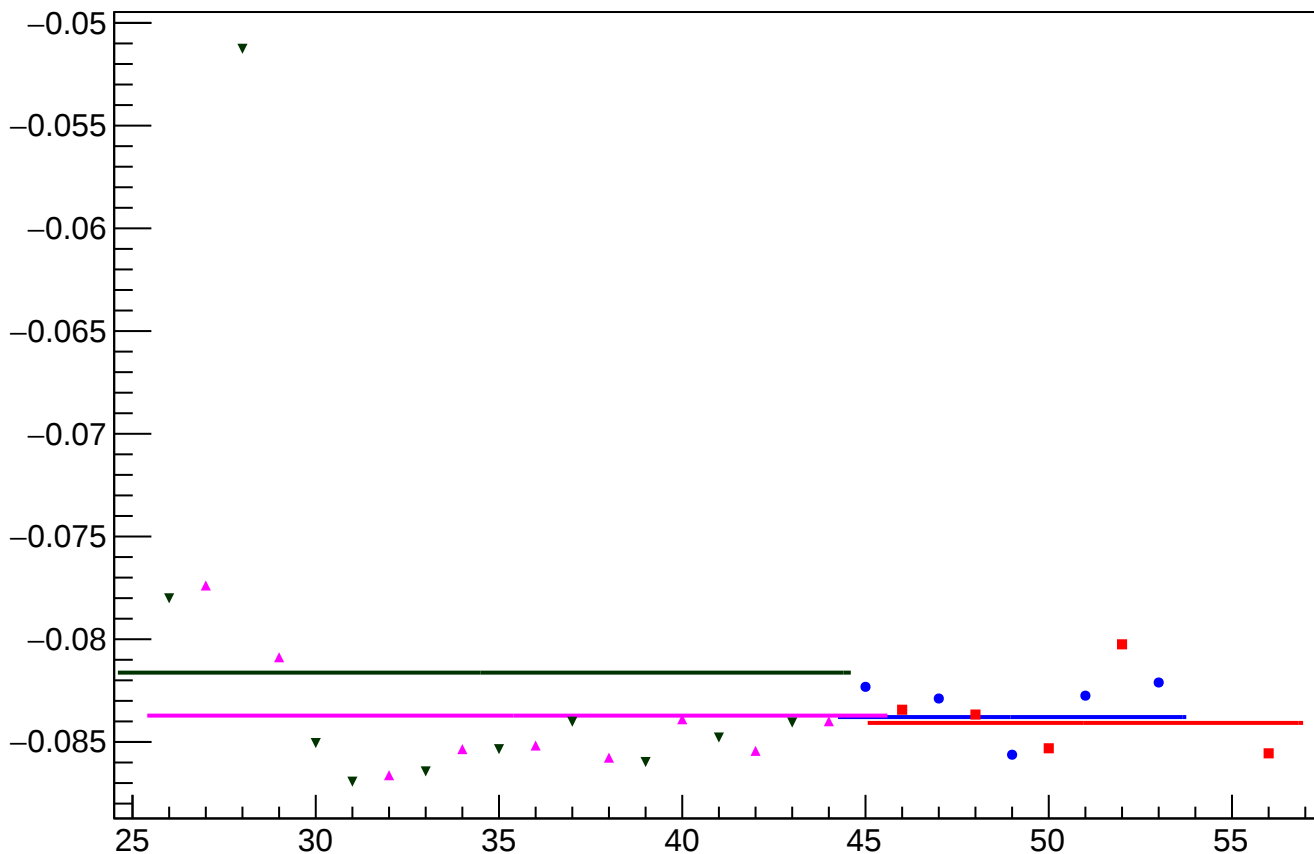
0.004 ± 0.000 χ^2/NDF : 1687367.7/14

Right Out: 0.003 ± 0.000 χ^2/NDF : 1292693.7/4

0.003 ± 0.000 χ^2/NDF : 2096911.5/13

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

yield_cav4cY_mean vs slug



Right In: -0.084 ± 0.000 χ^2/NDF : 275802.9/4

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

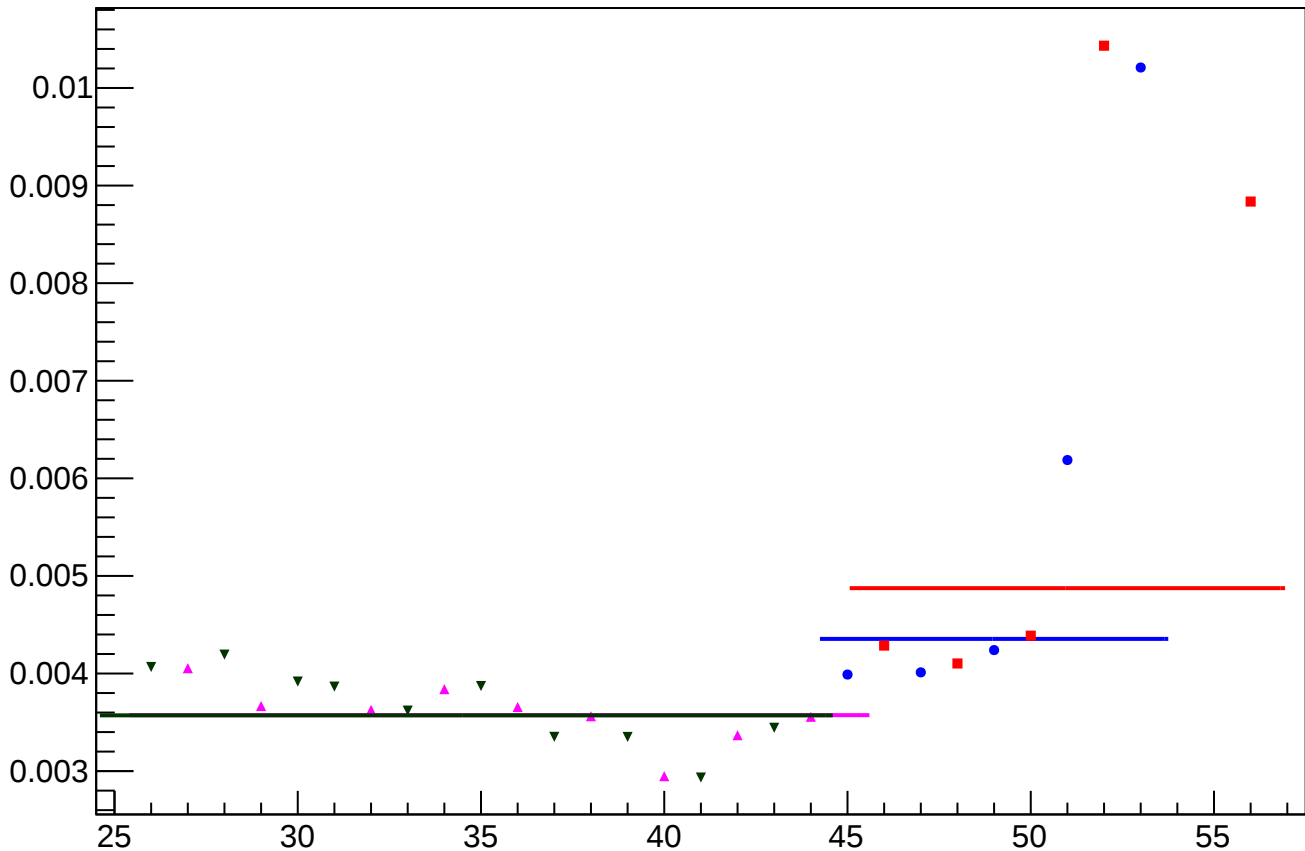
Right Out: -0.084 ± 0.000 χ^2/NDF : 131498.8/4

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

-0.082 ± 0.000 χ^2/NDF : 36604198.7/14

-0.084 ± 0.000 χ^2/NDF : 3660797.3/13

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 327611.3/4

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

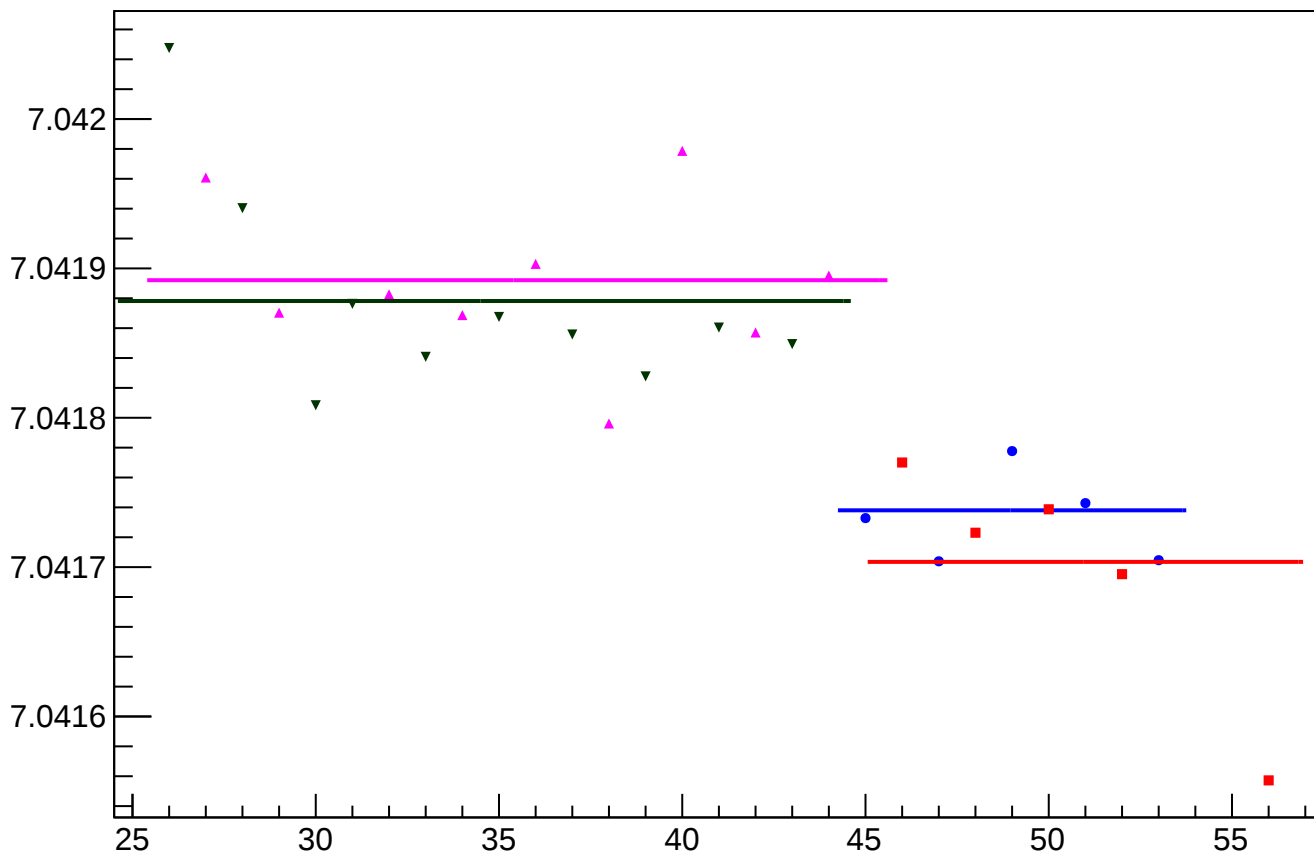
Right Out: 0.005+/-0.000 χ^2/NDF : 499409.9/4

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

0.004+/-0.000 χ^2/NDF : 559364.6/14

0.004+/-0.000 χ^2/NDF : 814694.4/13

yield_cav4dX_mean vs slug



Right In: 7.042 $\pm$ 0.000 χ^2 /NDF: 90711.2/4

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF:814684.7/9

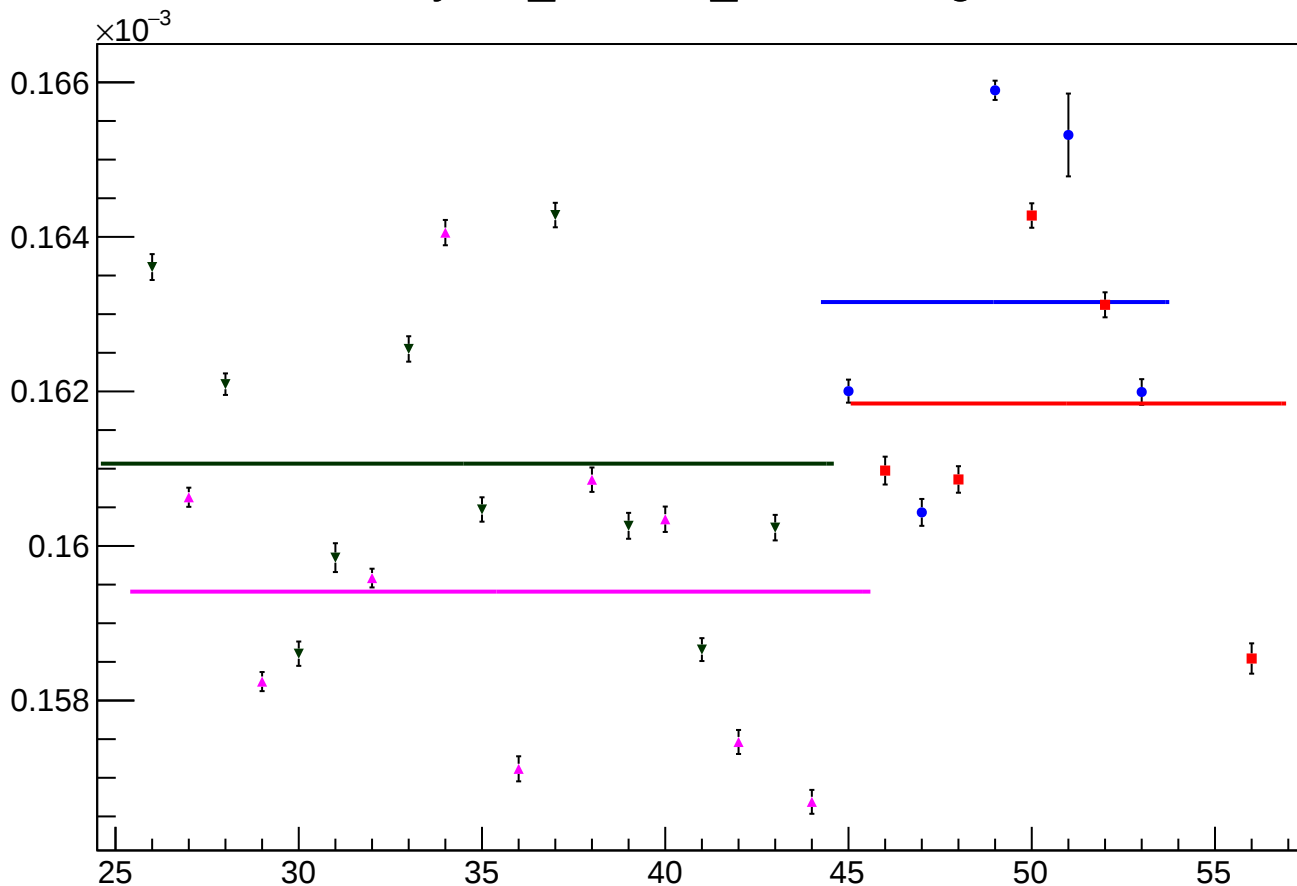
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 378401.5/4

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF:534073.6/8

7.042 $\pm$ 0.000 χ^2 /NDF: 2125307.7/14

7.042 $\pm$ 0.000 χ^2 /NDF: 3073181.5/13

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 853.4/4

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

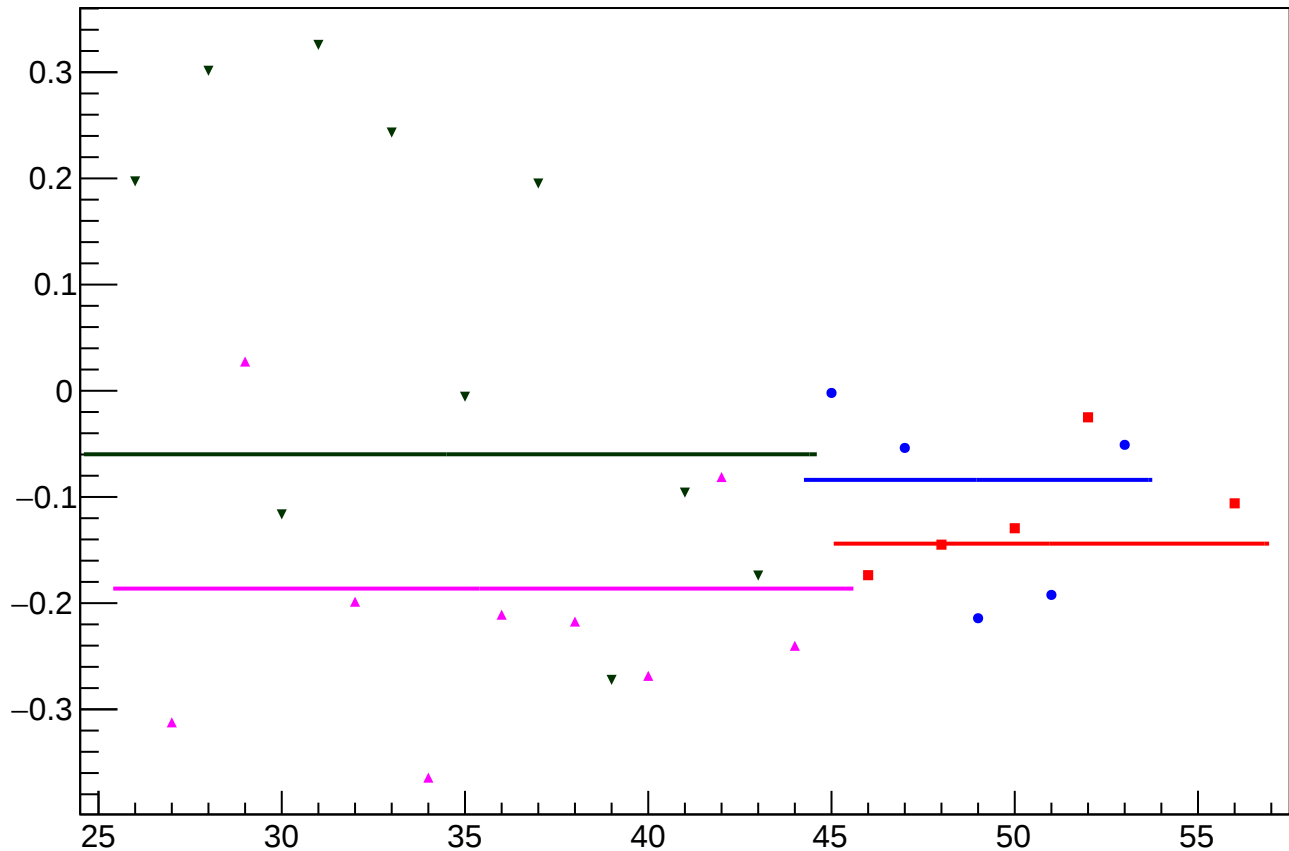
Right Out: 0.000+/-0.000 χ^2/NDF : 636.9/4

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

0.000+/-0.000 χ^2/NDF : 2788.3/14

0.000+/-0.000 χ^2/NDF : 3132.2/13

yield_cav4dY_mean vs slug



Right In: -0.084+/-0.000 χ^2/NDF : 822701.9/4

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

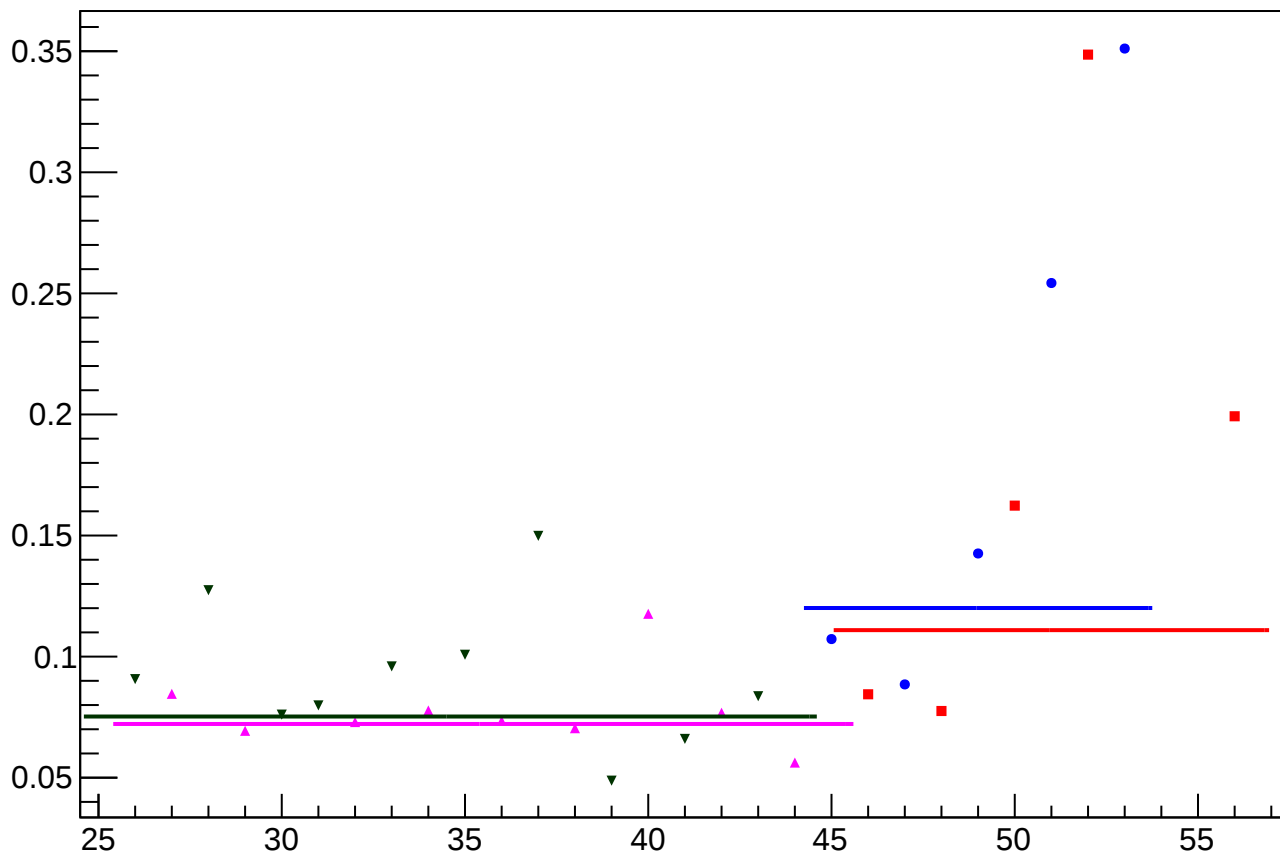
-0.064+/-0.000 χ^2/NDF : 20376935.7/14

Right Out: -0.144+/-0.000 χ^2/NDF : 103586.4/4

-0.180+/-0.000 χ^2/NDF : 8633000.4/13

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

yield_cav4dY_rms vs slug



Right In: 0.120+/-0.000 χ^2/NDF : 545922.6/4

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

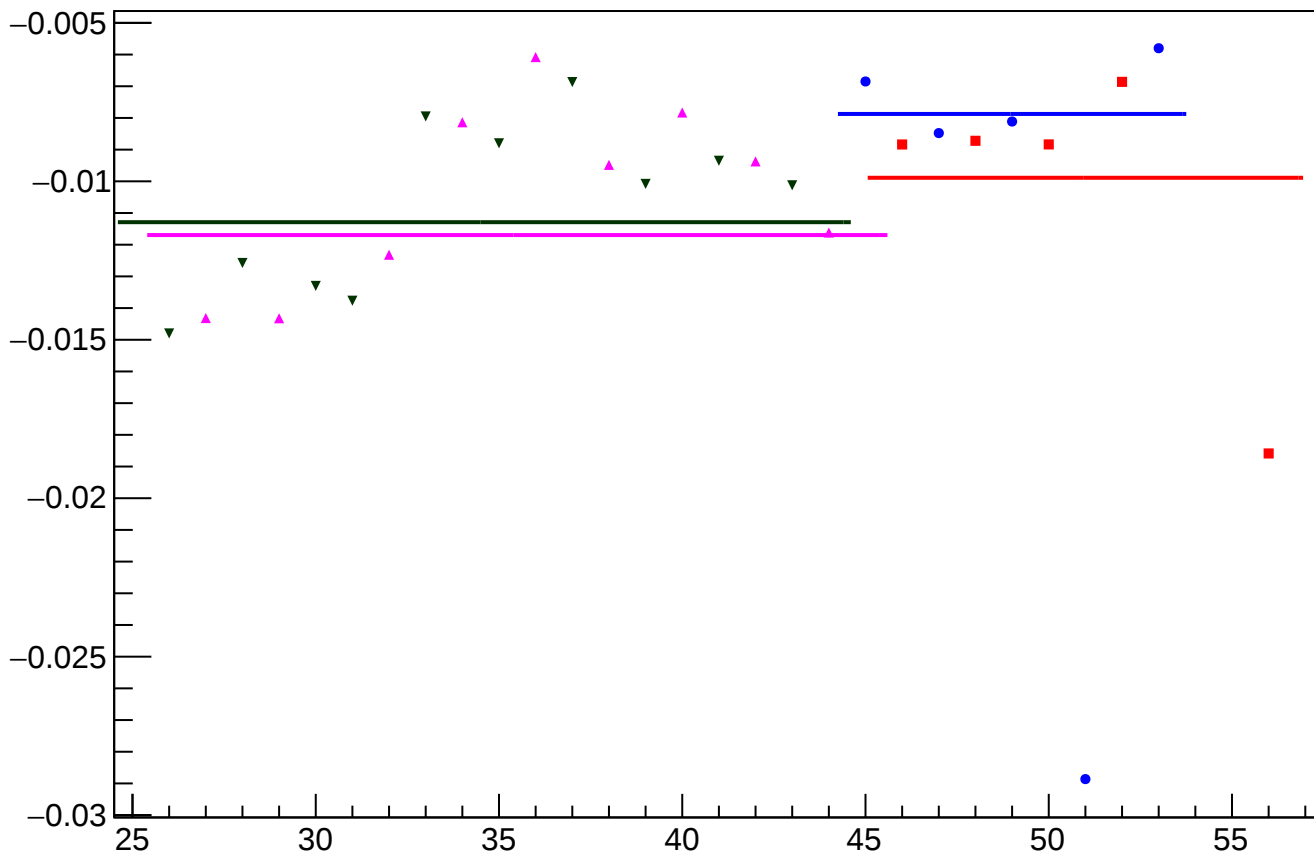
Right Out: 0.111+/-0.000 χ^2/NDF : 834243.5/4

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

0.084+/-0.000 χ^2/NDF : 1487983.2/14

0.078+/-0.000 χ^2/NDF : 1310458.4/13

yield_bpm4aX_mean vs slug



Right In: -0.008+/-0.000 χ^2 /NDF: 176618.1/4

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

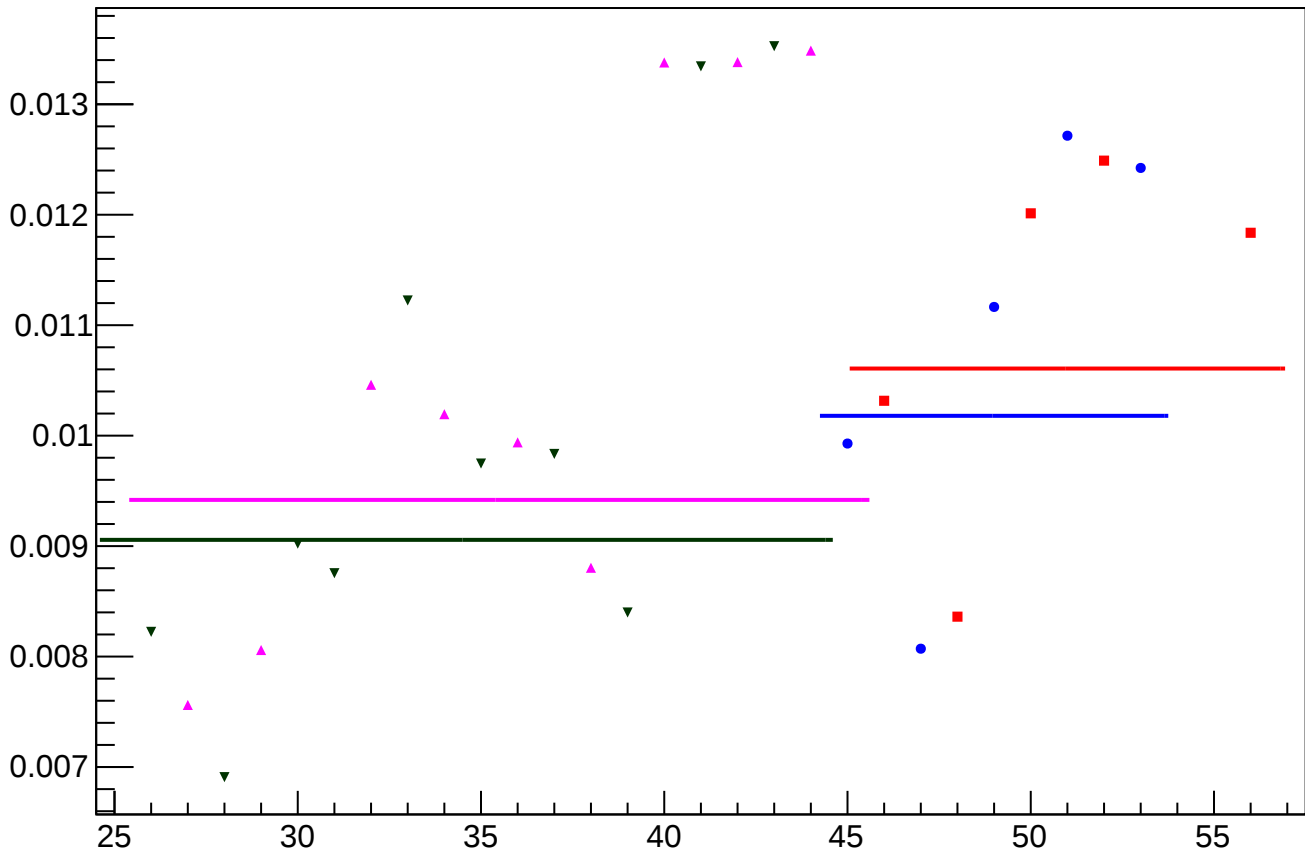
Right Out: -0.010+/-0.000 χ^2 /NDF: 266324.7/4

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

-0.010+/-0.000 χ^2 /NDF: 750734.8/14

-0.011+/-0.000 χ^2 /NDF: 808345.9/13

yield_bpm4aX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 109285.7/4

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

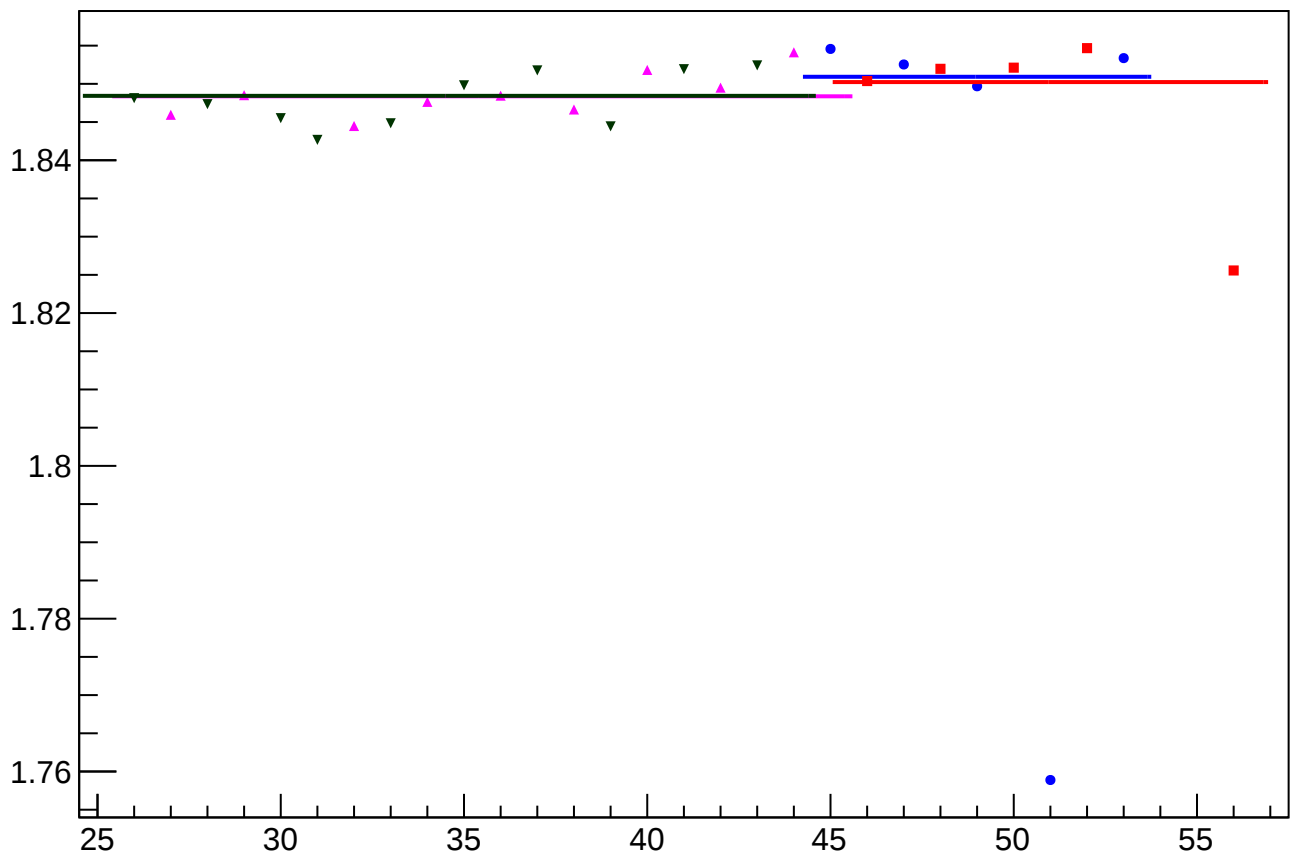
Right Out: 0.011+/-0.000 χ^2/NDF : 110268.9/4

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

0.009+/-0.000 χ^2/NDF : 567688.7/14

0.010+/-0.000 χ^2/NDF : 600584.9/13

yield_bpm4aY_mean vs slug



Right In: 1.851+/-0.000 χ^2/NDF : 818799.5/4

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

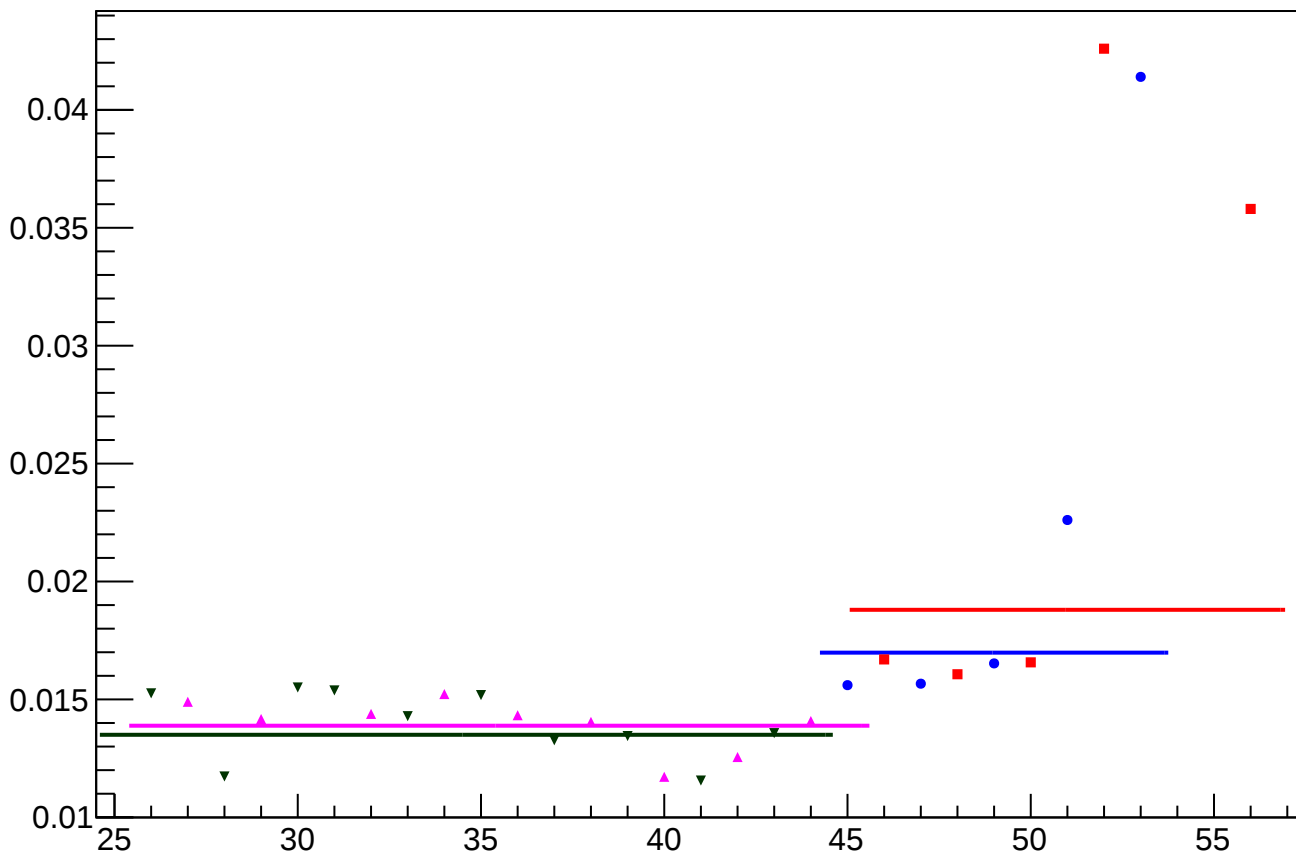
Right Out: 1.850+/-0.000 χ^2/NDF : 212563.7/4

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

1.849+/-0.000 χ^2/NDF : 1128195.8/14

1.849+/-0.000 χ^2/NDF : 455139.1/13

yield_bpm4aY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 341991.7/4

Left Out: 0.013+/-0.000 χ^2/NDF :115025.1/9

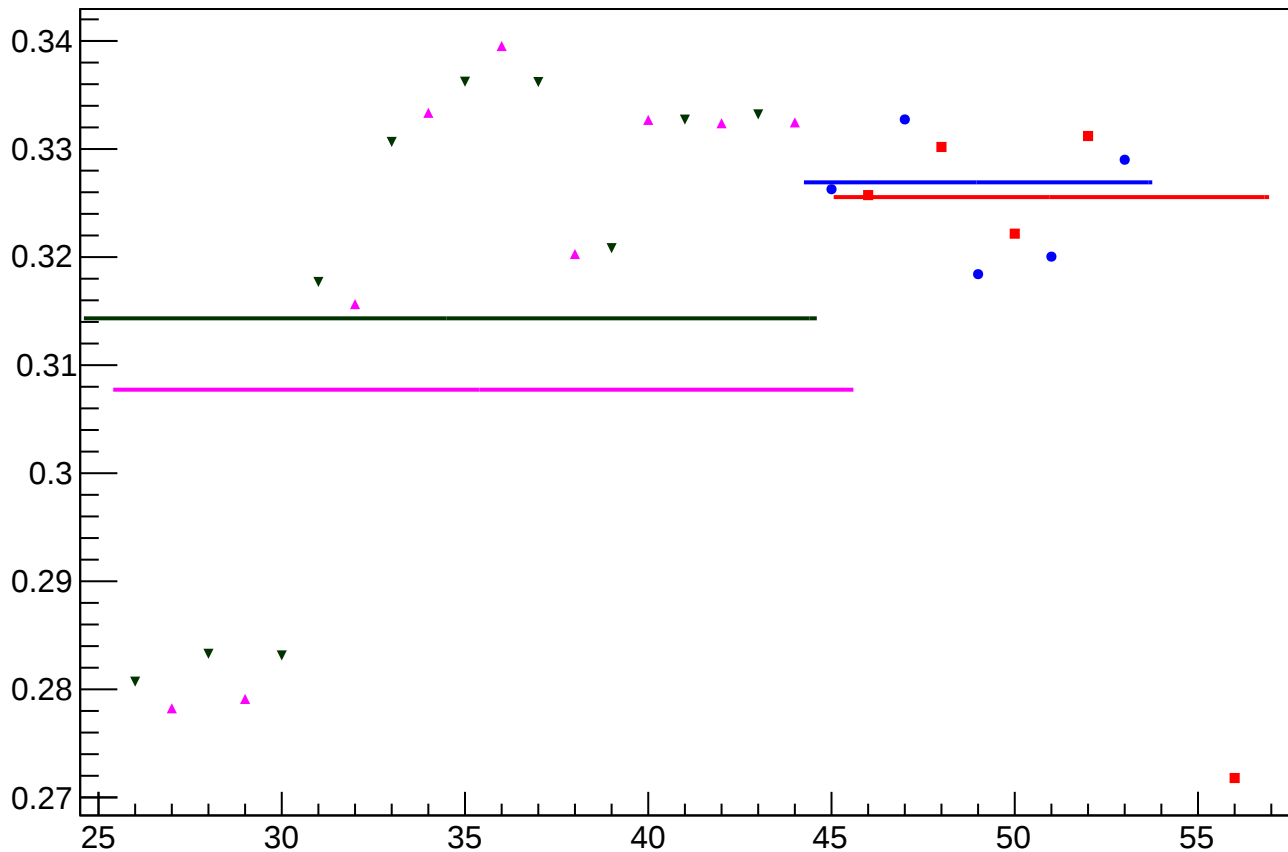
Right Out: 0.019+/-0.000 χ^2/NDF : 545980.6/4

Left In: 0.014+/-0.000 χ^2/NDF :63870.3/8

0.014+/-0.000 χ^2/NDF : 601522.8/14

0.015+/-0.000 χ^2/NDF : 835921.2/13

yield_bpm4eX_mean vs slug



Right In: 0.327 $\pm$ 0.000 χ^2/NDF : 162810.2/4

Left Out: 0.314 $\pm$ 0.000 χ^2/NDF : 5131381.6/9

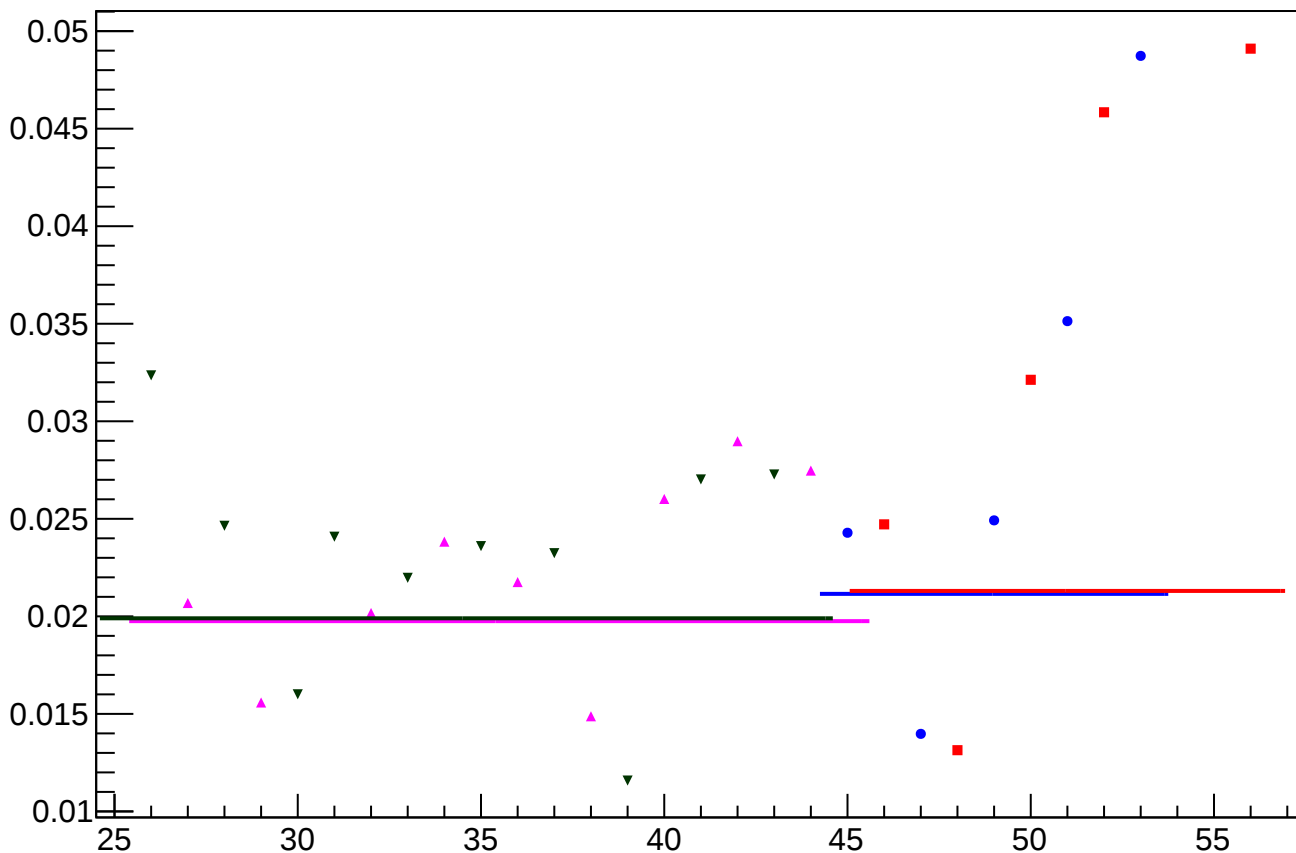
Right Out: 0.326 $\pm$ 0.000 χ^2/NDF : 624562.6/4

Left In: 0.308 $\pm$ 0.000 χ^2/NDF : 7379435.7/8

0.318 $\pm$ 0.000 χ^2/NDF : 5801123.3/14

0.312 $\pm$ 0.000 χ^2/NDF : 8938492.1/13

yield_bpm4eX_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 583508.3/4

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

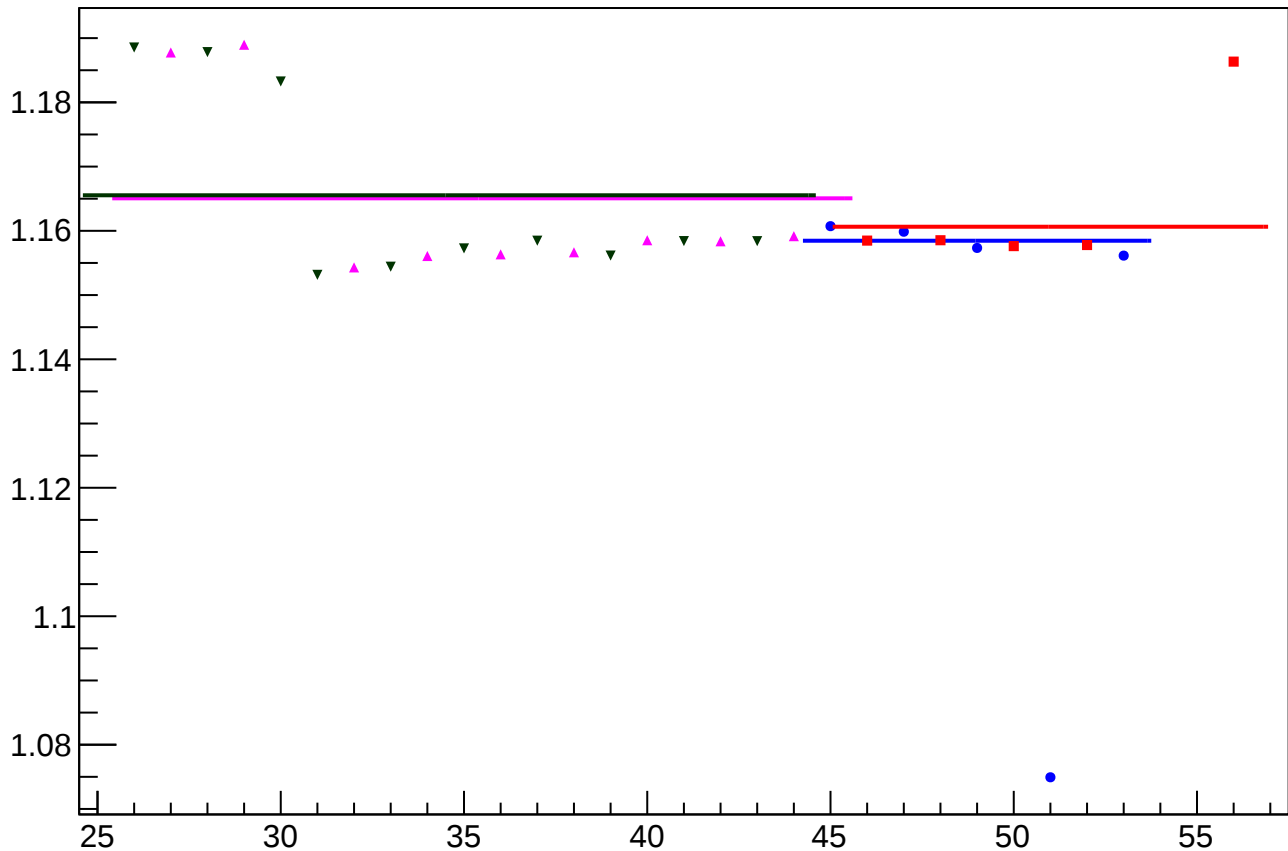
Right Out: 0.021+/-0.000 χ^2/NDF : 1025138.2/4

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

0.020+/-0.000 χ^2/NDF : 1478228.8/14

0.020+/-0.000 χ^2/NDF : 1520200.0/13

yield_bpm4eY_mean vs slug



Right In: 1.158+/-0.000 χ^2/NDF : 1145568.4/4

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

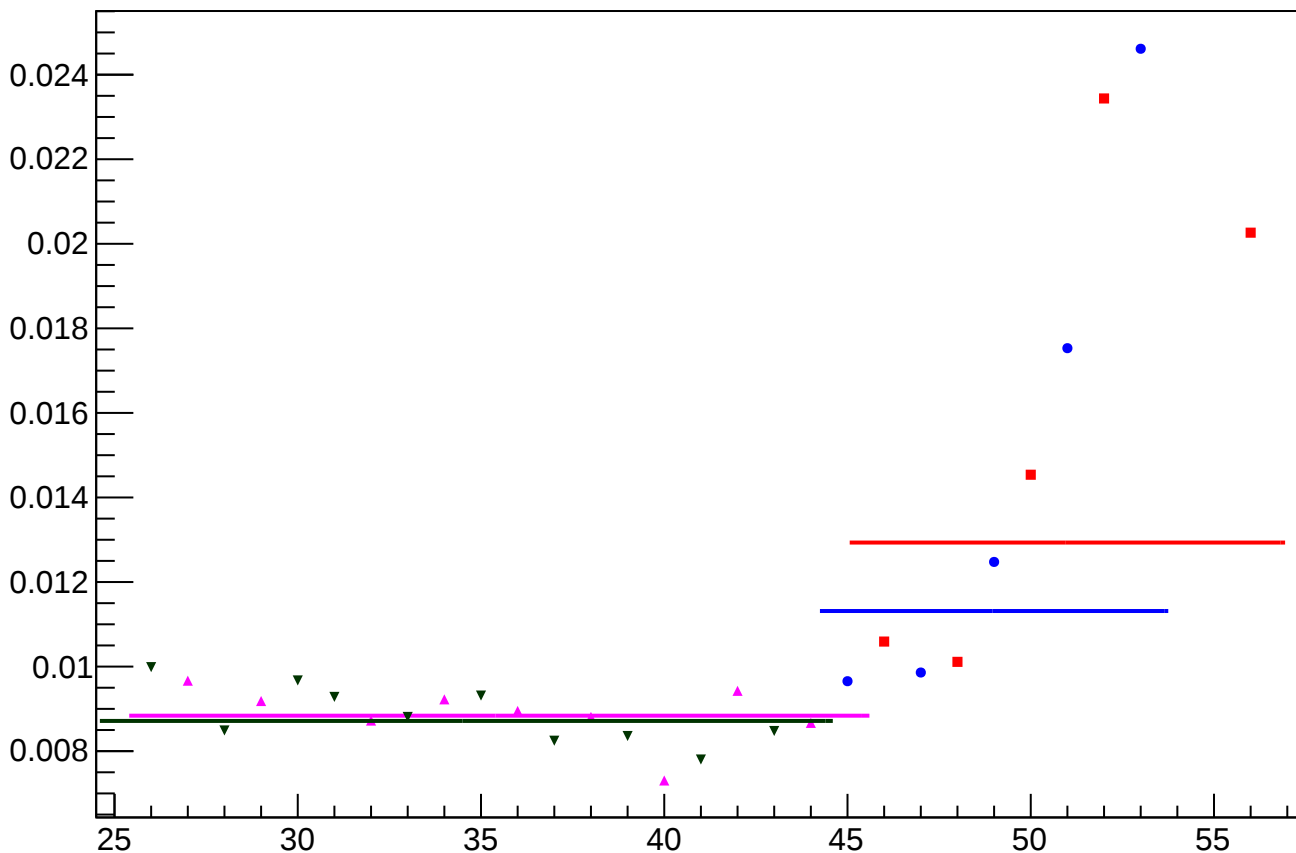
Right Out: 1.161+/-0.000 χ^2/NDF : 726383.9/4

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

1.164+/-0.000 χ^2/NDF : 13840431.9/14

1.164+/-0.000 χ^2/NDF : 14275625.9/13

yield_bpm4eY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 345089.4/4

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

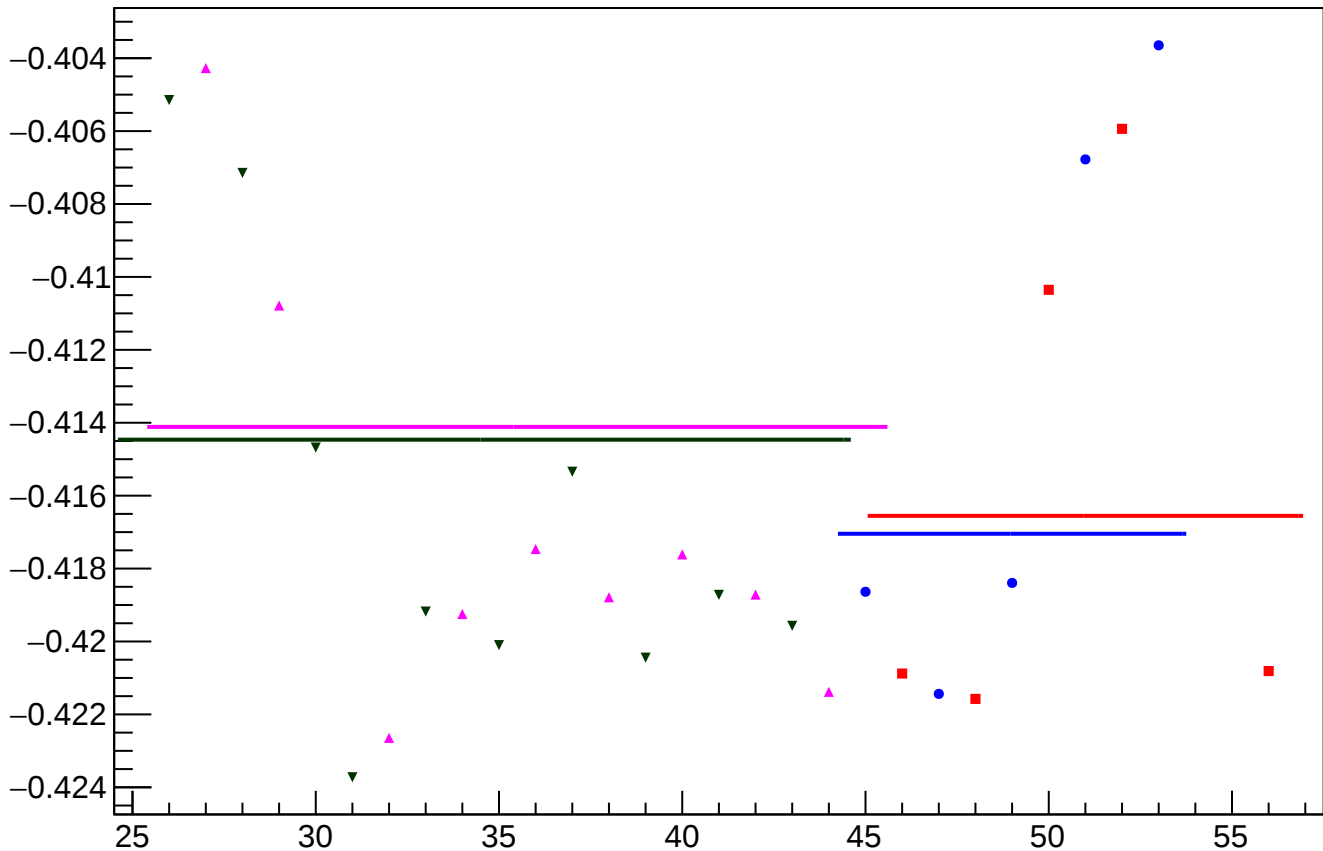
Right Out: 0.013+/-0.000 χ^2/NDF : 420855.8/4

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

0.009+/-0.000 χ^2/NDF : 578598.5/14

0.009+/-0.000 χ^2/NDF : 824246.0/13

yield_bpm4acX_mean vs slug



Right In: -0.417+/-0.000 χ^2/NDF : 761076.3/4

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

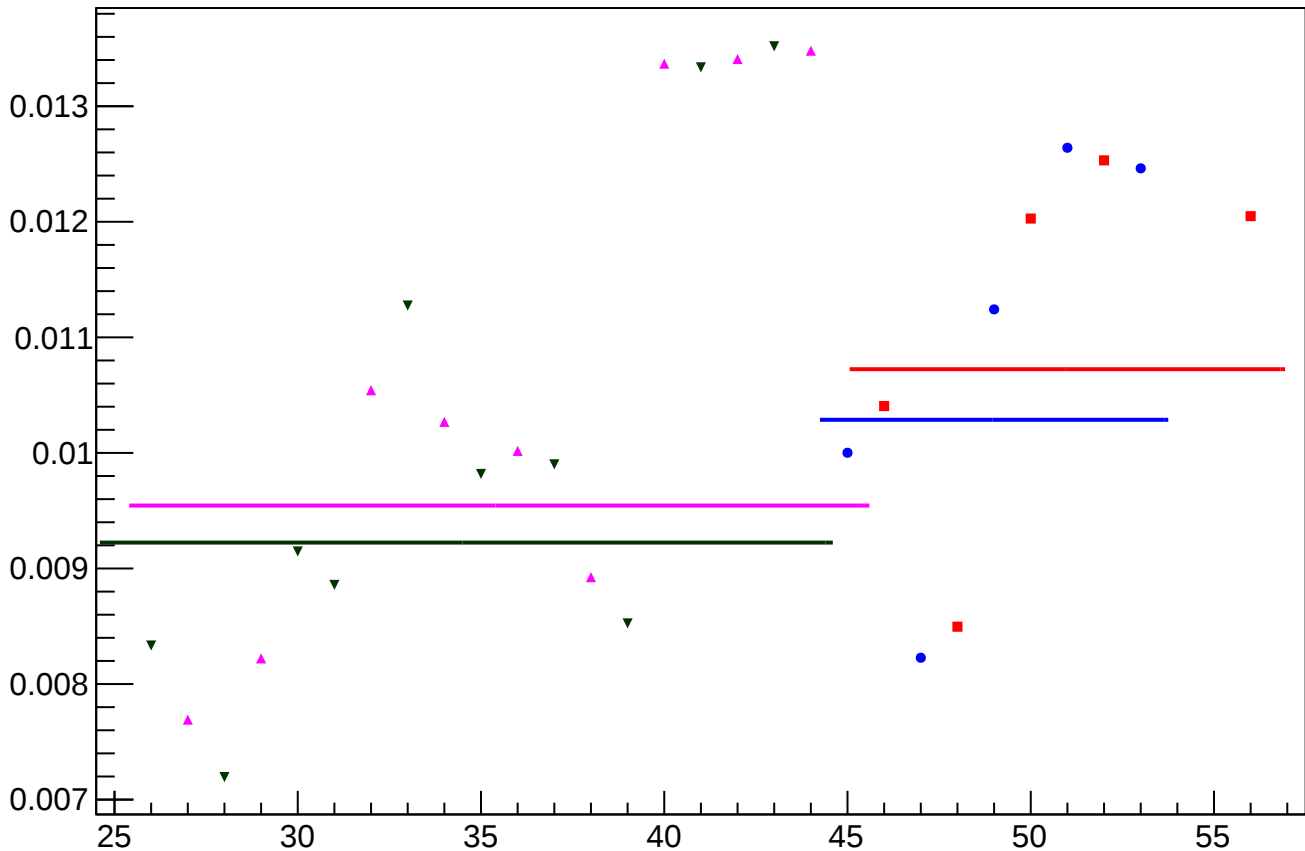
Right Out: -0.417+/-0.000 χ^2/NDF : 787425.9/4

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

-0.415+/-0.000 χ^2/NDF : 3187482.0/14

-0.415+/-0.000 χ^2/NDF : 3527080.0/13

yield_bpm4acX_rms vs slug



Right In: 0.010 ± 0.000 $\chi^2/NDF: 101135.2/4$

Left Out: 0.009 ± 0.000 $\chi^2/NDF: 372041.8/9$

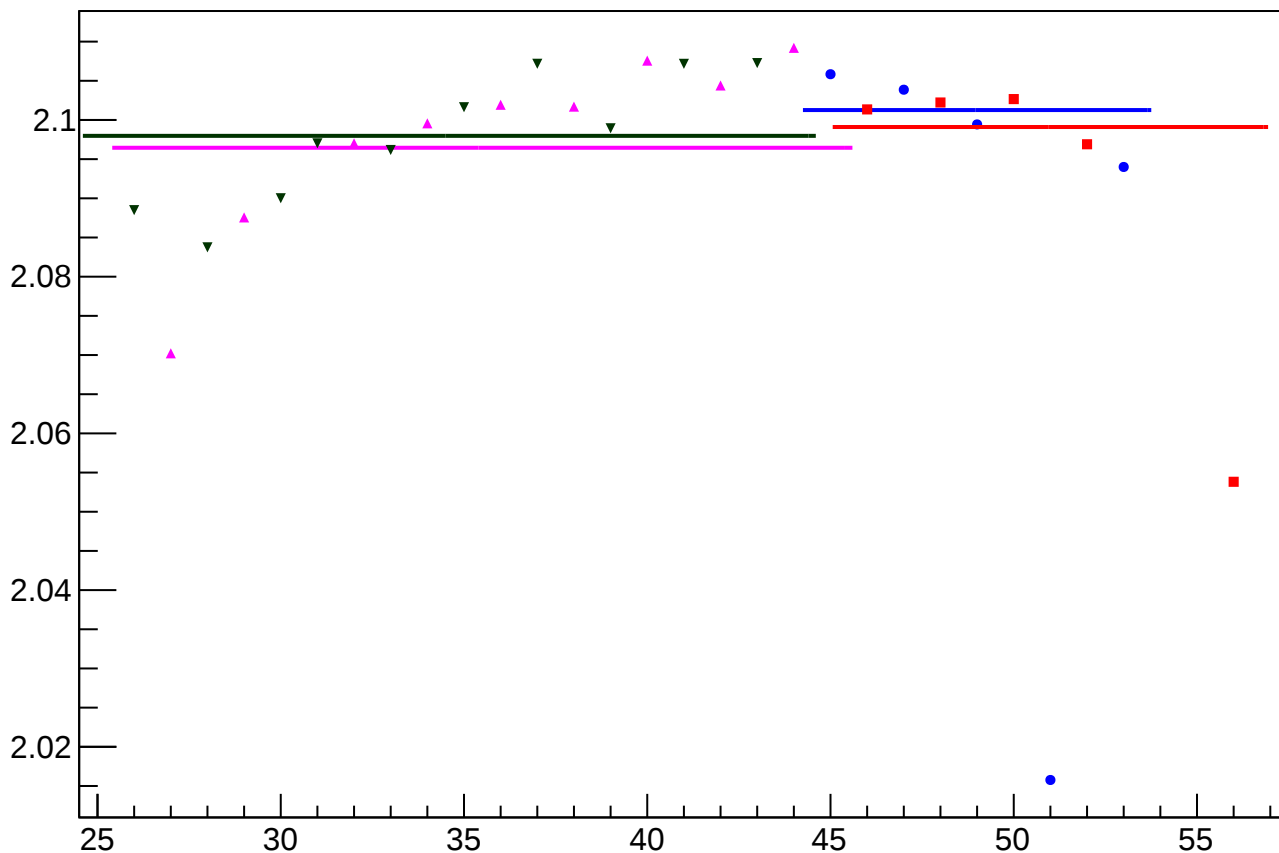
Right Out: 0.011 ± 0.000 $\chi^2/NDF: 104455.0/4$

Left In: 0.010 ± 0.000 $\chi^2/NDF: 420991.7/8$

0.010 ± 0.000 $\chi^2/NDF: 510199.9/14$

0.010 ± 0.000 $\chi^2/NDF: 566191.2/13$

yield_bpm4acY_mean vs slug



Right In: 2.101 ± 0.000 χ^2/NDF : 747547.4/4

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

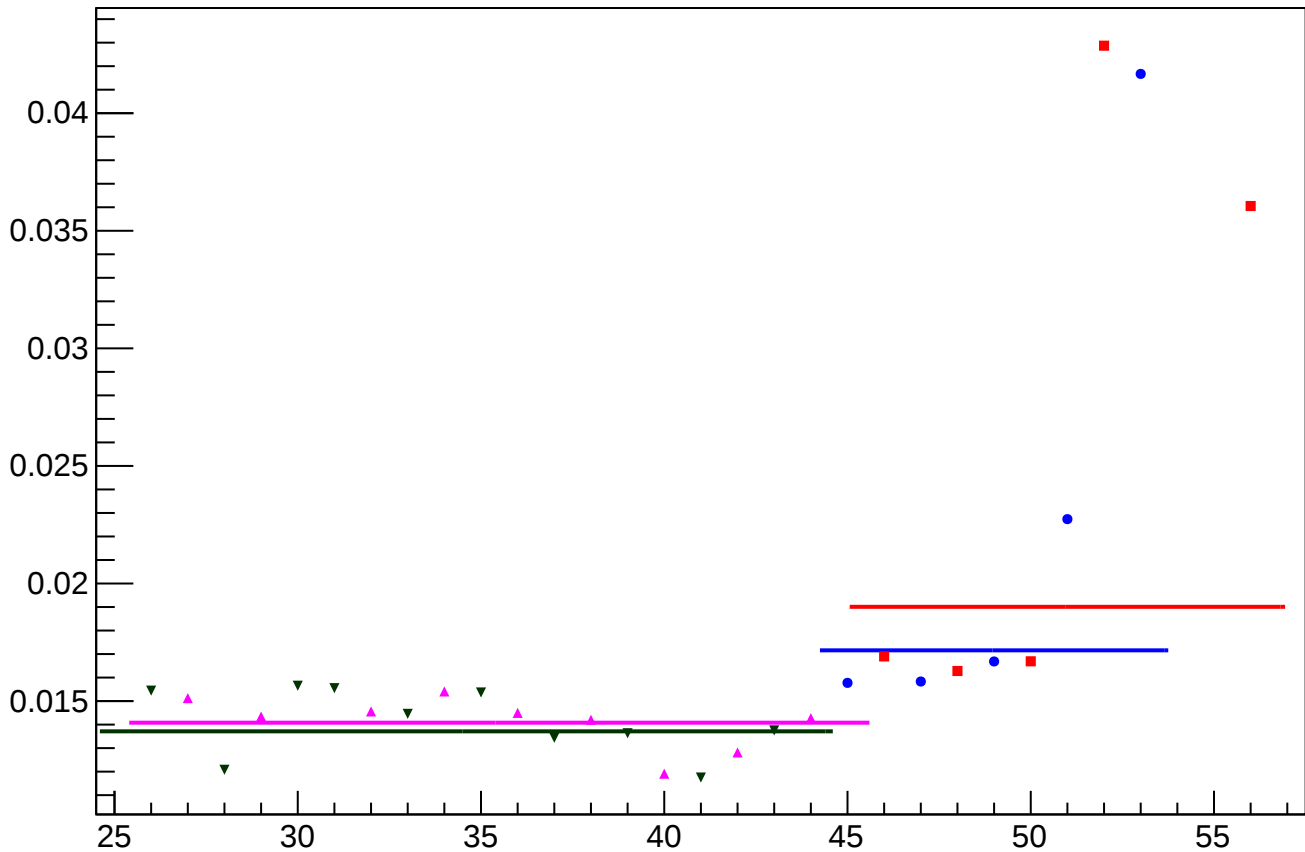
Right Out: 2.099 ± 0.000 χ^2/NDF : 697732.9/4

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

2.099 ± 0.000 χ^2/NDF : 2784892.1/14

2.097 ± 0.000 χ^2/NDF : 4719323.0/13

yield_bpm4acY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 340089.2/4

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

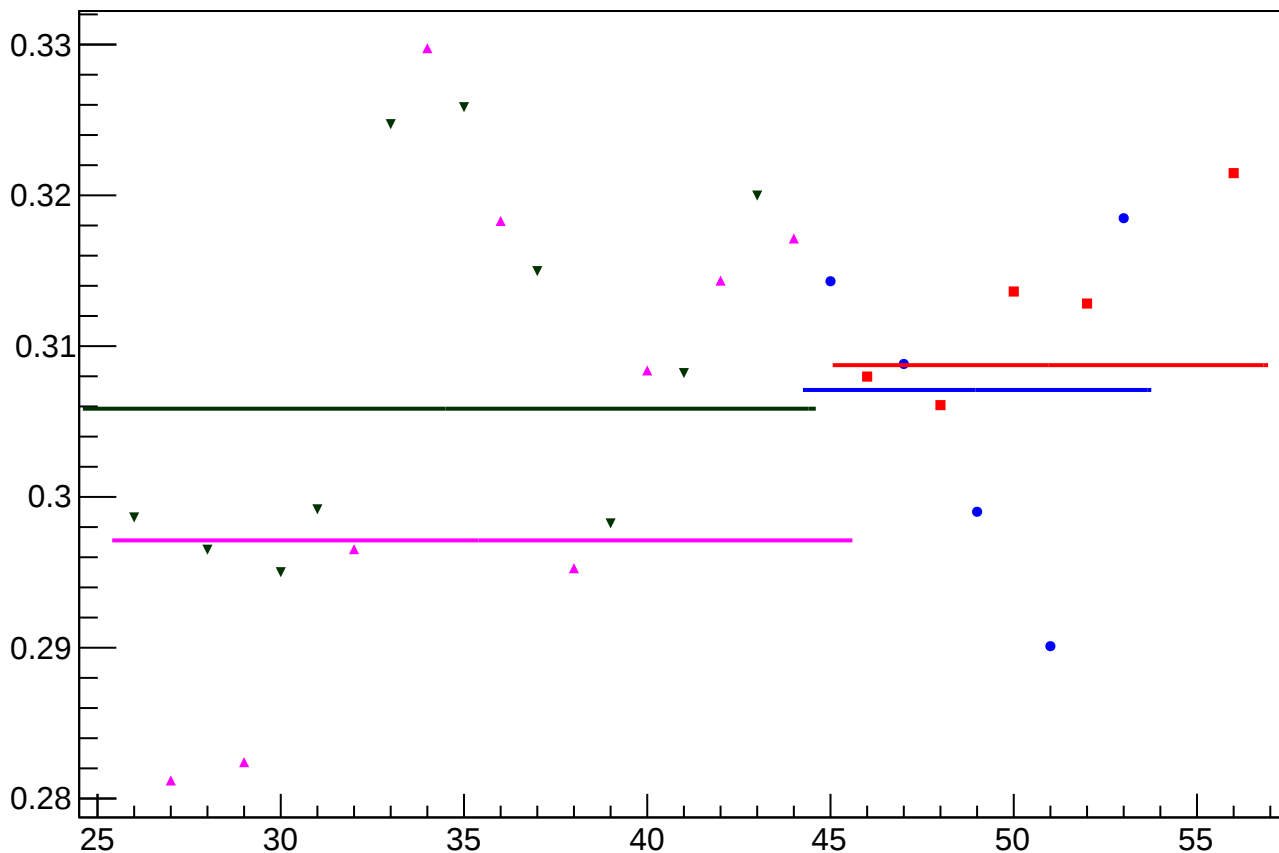
Right Out: 0.019+/-0.000 χ^2/NDF : 542233.9/4

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

0.014+/-0.000 χ^2/NDF : 584155.1/14

0.015+/-0.000 χ^2/NDF : 824719.2/13

yield_bpm4ecX_mean vs slug



Right In: 0.307+/-0.000 χ^2/NDF : 199550.0/4

Left Out: 0.306+/-0.000 χ^2/NDF : 1444203.8/9

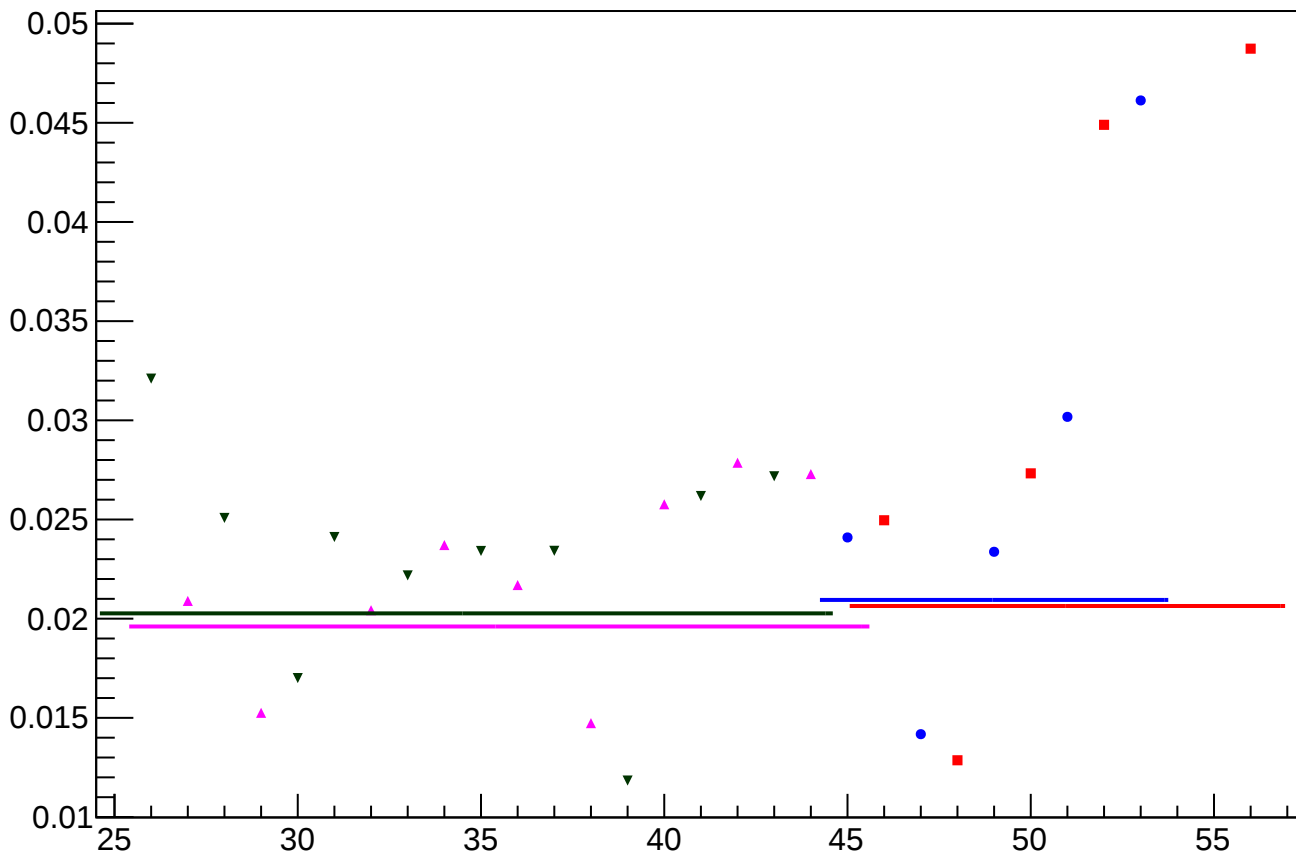
0.306+/-0.000 χ^2/NDF : 1648831.1/14

Right Out: 0.309+/-0.000 χ^2/NDF : 69699.7/4

0.300+/-0.000 χ^2/NDF : 3609210.2/13

Left In: 0.297+/-0.000 χ^2/NDF : 3115158.7/8

yield_bpm4ecX_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 511553.7/4

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

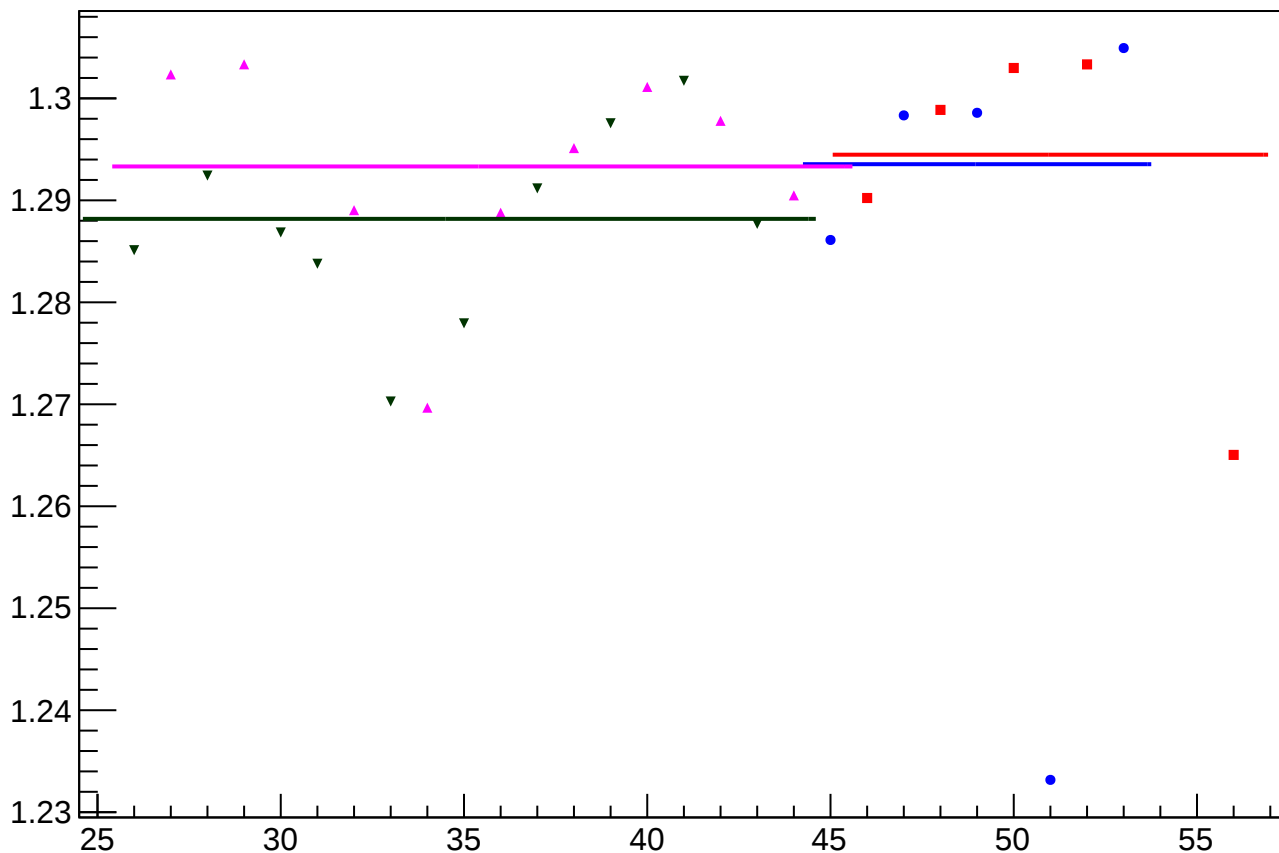
Right Out: 0.021+/-0.000 χ^2/NDF : 984161.2/4

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

0.020+/-0.000 χ^2/NDF : 1320404.3/14

0.020+/-0.000 χ^2/NDF : 1483238.7/13

yield_bpm4ecY_mean vs slug



Right In: 1.294+/-0.000 χ^2/NDF : 1008941.6/4

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

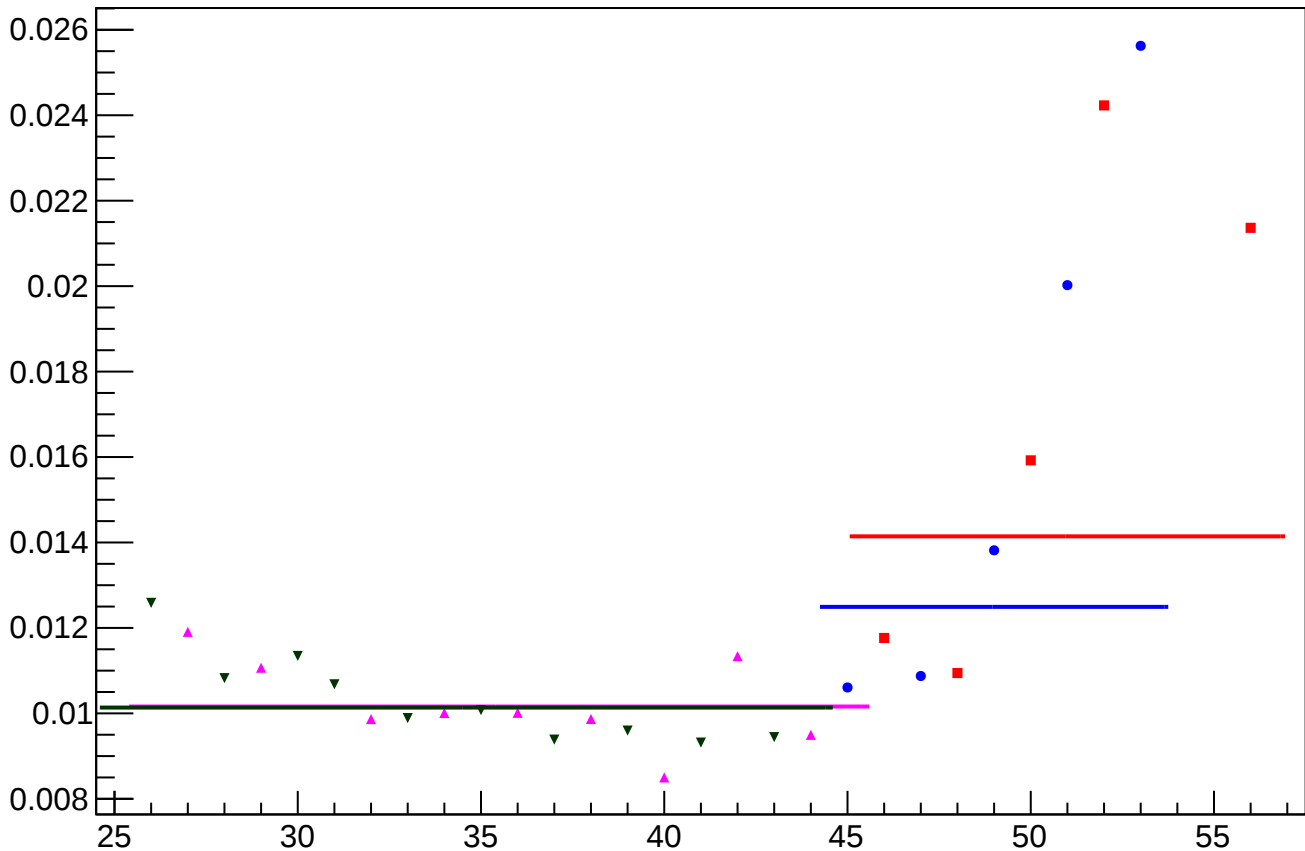
Right Out: 1.294+/-0.000 χ^2/NDF : 1111232.8/4

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

1.289+/-0.000 χ^2/NDF : 5294822.5/14

1.294+/-0.000 χ^2/NDF : 5807000.1/13

yield_bpm4ecY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 325163.7/4

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

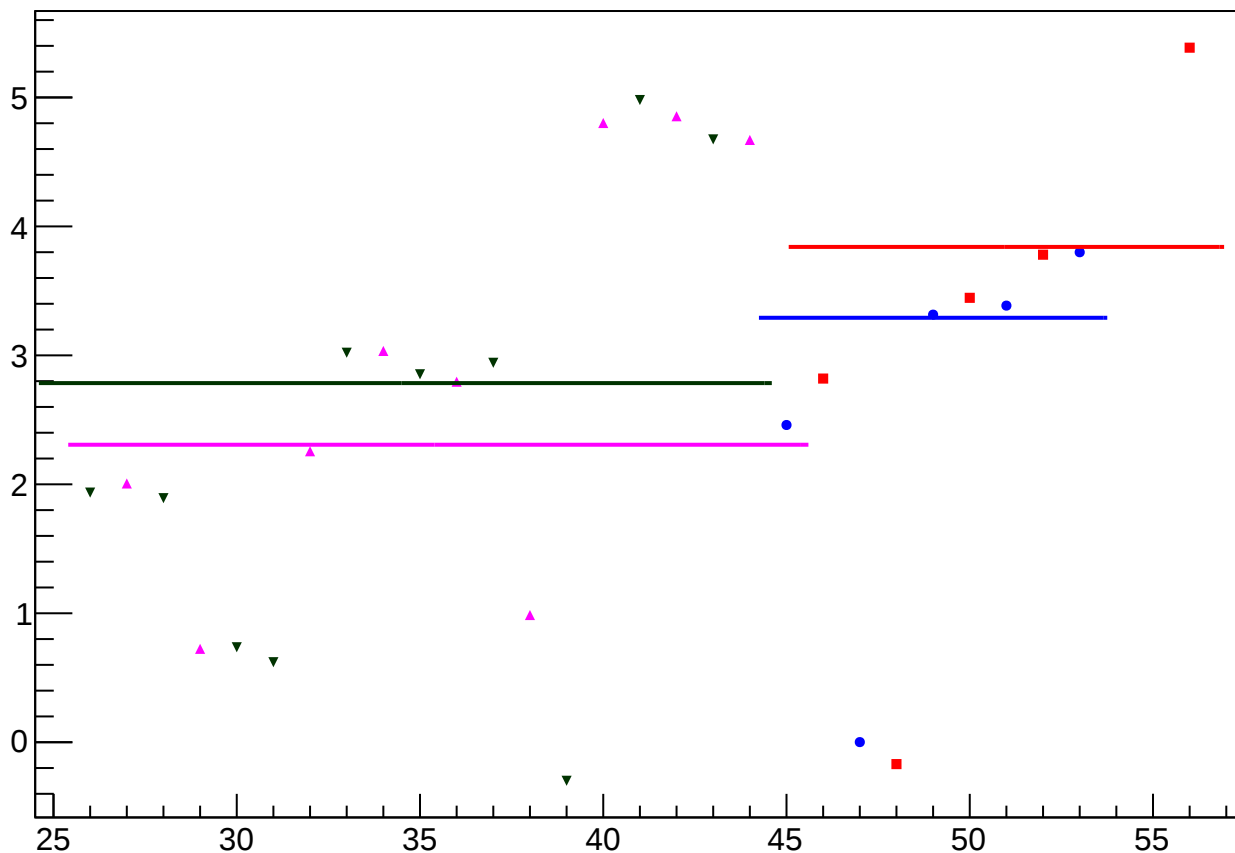
Right Out: 0.014+/-0.000 χ^2/NDF : 380852.8/4

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

0.011+/-0.000 χ^2/NDF : 522187.3/14

0.011+/-0.000 χ^2/NDF : 749079.8/13

yield_bpm1X_mean vs slug



Right In: 3.292 ± 0.000 χ^2/NDF : 262728564.6/4

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

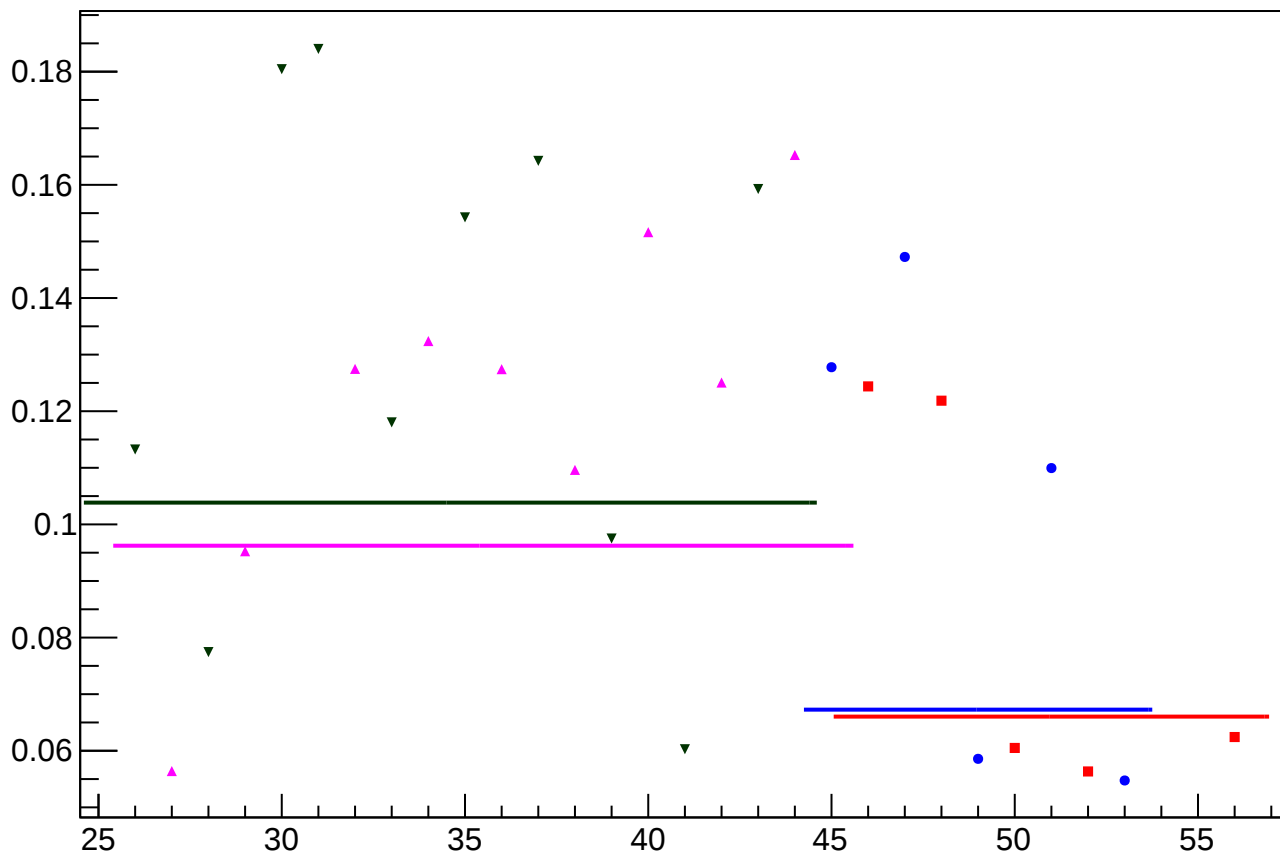
Right Out: 3.841 ± 0.000 χ^2/NDF : 691385027.9/4

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

3.062 ± 0.000 χ^2/NDF : 1244877732.0/14

3.072 ± 0.000 χ^2/NDF : 1816001199.3/13

yield_bpm1X_rms vs slug



Right In: 0.067+/-0.000 χ^2/NDF : 550268.0/4

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

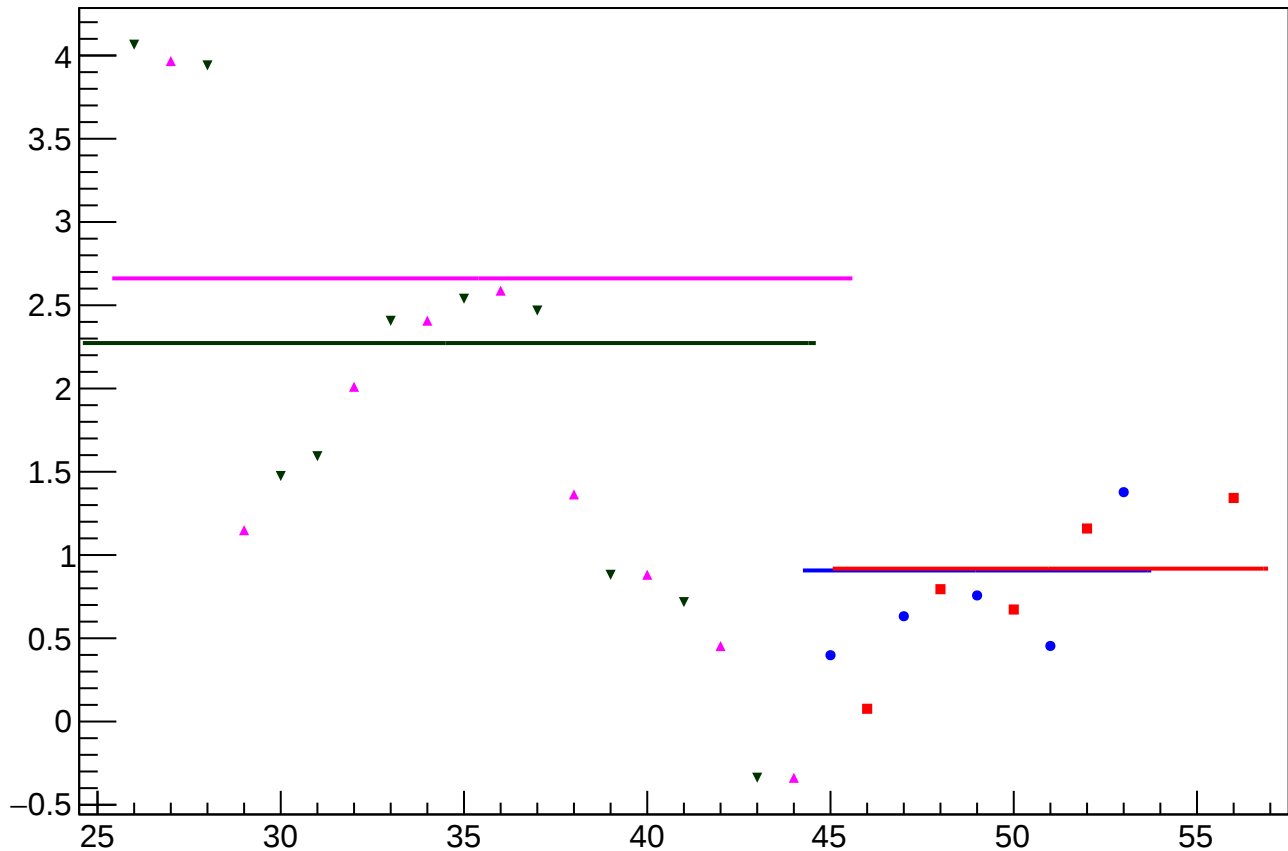
Right Out: 0.066+/-0.000 χ^2/NDF : 321970.9/4

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

0.084+/-0.000 χ^2/NDF : 2086094.5/14

0.081+/-0.000 χ^2/NDF : 1764471.8/13

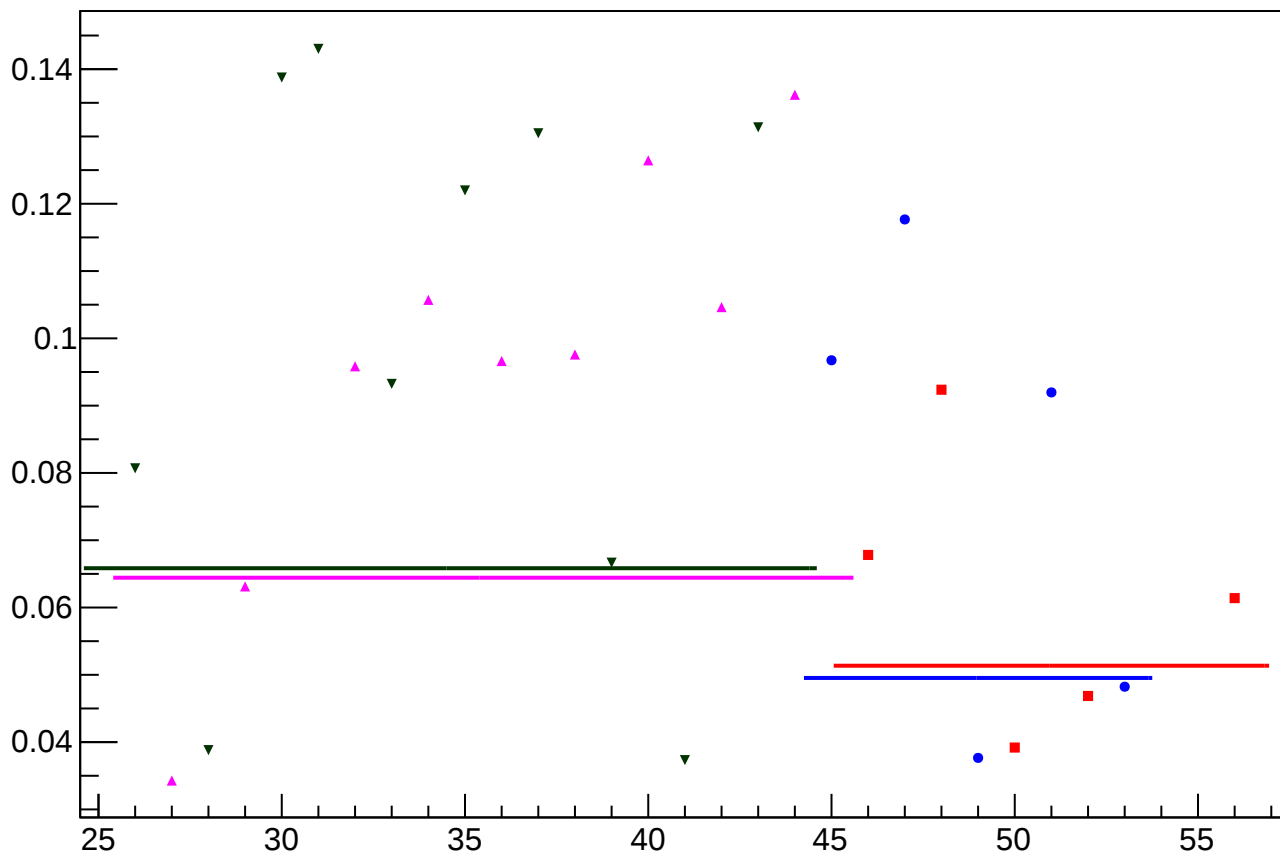
yield_bpm1Y_mean vs slug



Right In: 0.907 ± 0.000 χ^2/NDF : 68358884.9/4
 Left Out: 2.273 ± 0.000 χ^2/NDF : 1459606873.3/9
 Right Out: 0.918 ± 0.000 χ^2/NDF : 80611255.3/4
 Left In: 2.661 ± 0.000 χ^2/NDF : 1577424597.4/8

1.593 ± 0.000 χ^2/NDF : 2138782033.5/14
 1.896 ± 0.000 χ^2/NDF : 2741160365.5/13

yield_bpm1Y_rms vs slug



Right In: 0.050 $\pm$ 0.000 χ^2 /NDF: 624018.3/4

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

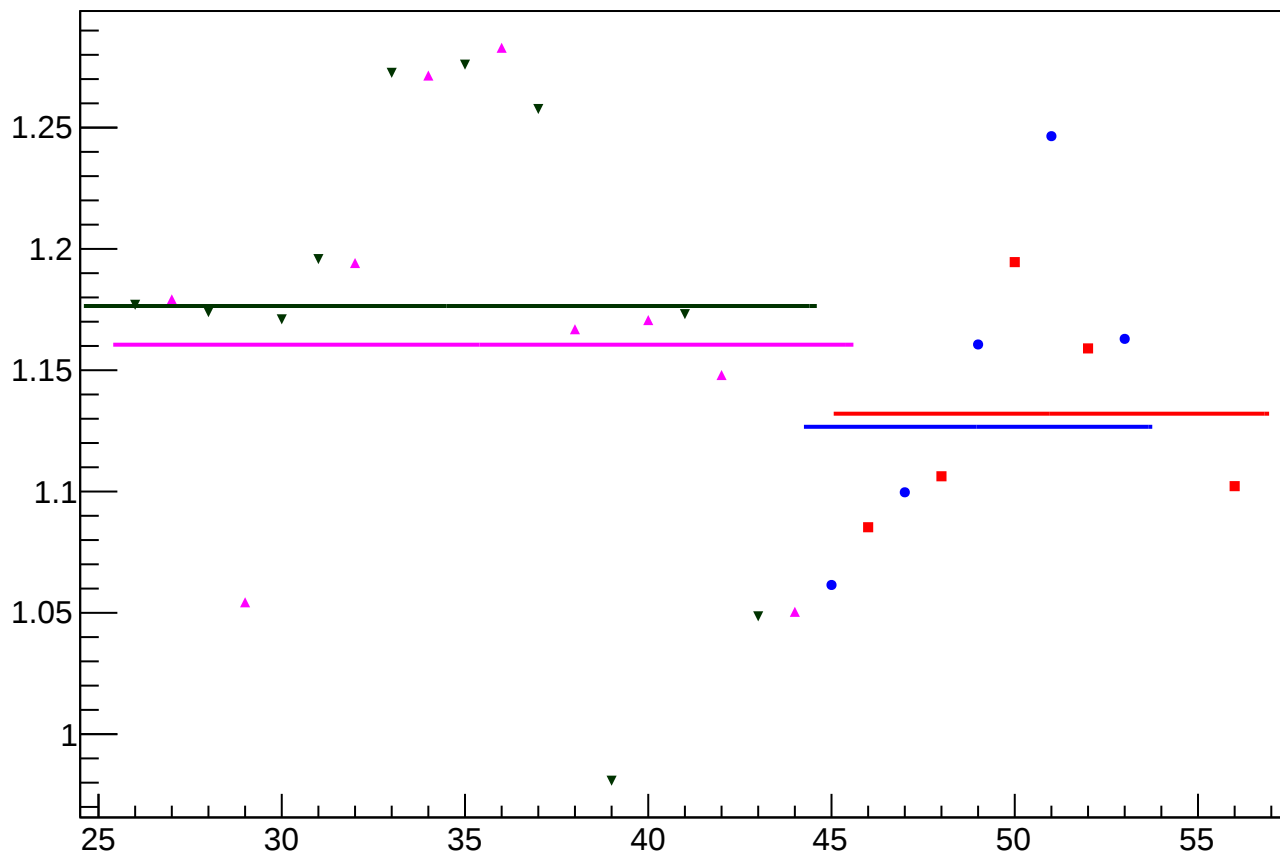
Right Out: 0.051 $\pm$ 0.000 χ^2 /NDF: 262039.1/4

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

0.058 $\pm$ 0.000 χ^2 /NDF: 2573780.6/14

0.059 $\pm$ 0.000 χ^2 /NDF: 2187393.9/13

yield_bpm11X_mean vs slug



Right In: 1.127 ± 0.000 χ^2/NDF : 8372303.7/4

Left Out: 1.176 ± 0.000 χ^2/NDF : 66030727.8/9

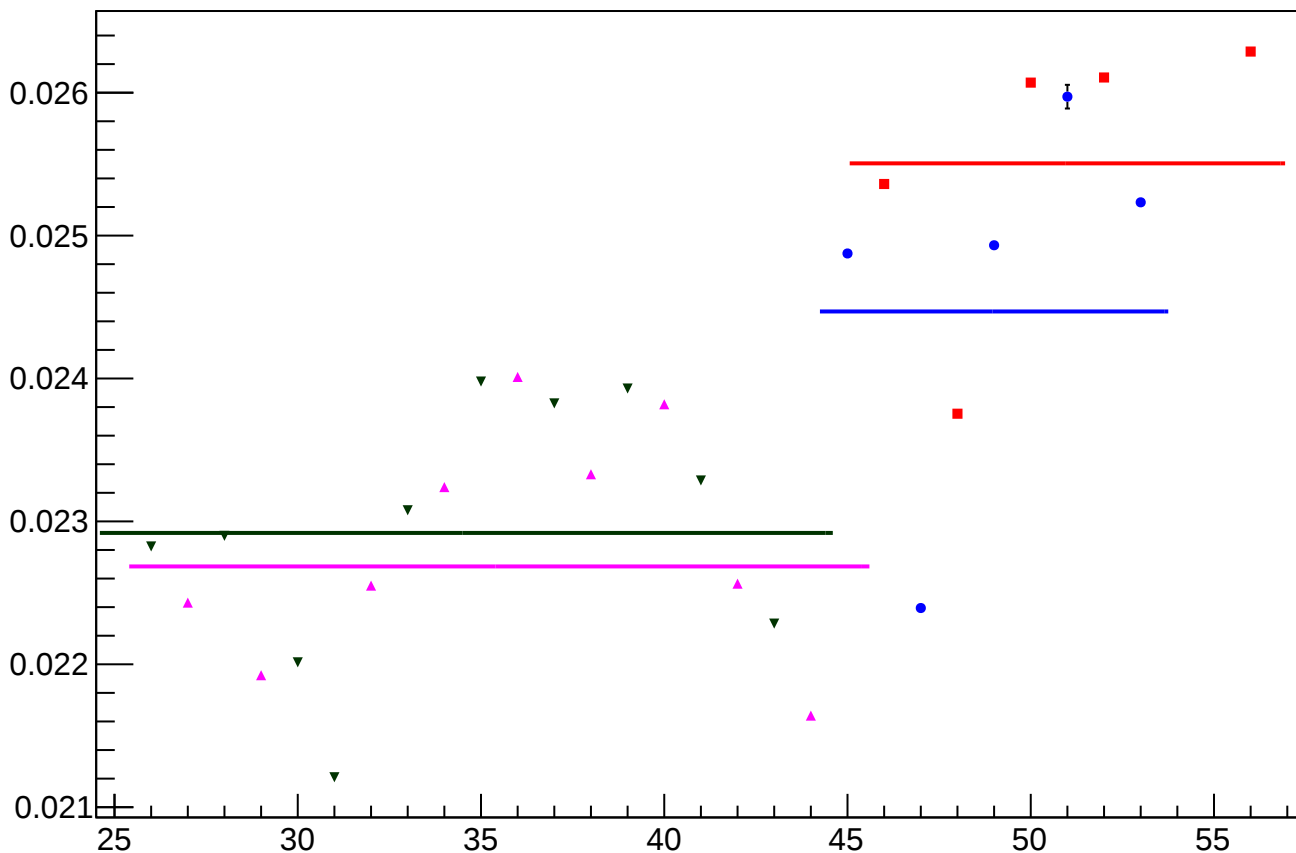
Right Out: 1.132 ± 0.000 χ^2/NDF : 5851304.5/4

Left In: 1.161 ± 0.000 χ^2/NDF : 58013078.5/8

1.162 ± 0.000 χ^2/NDF : 81452981.5/14

1.153 ± 0.000 χ^2/NDF : 65991162.3/13

yield_bpm11X_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 9384.3/4

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

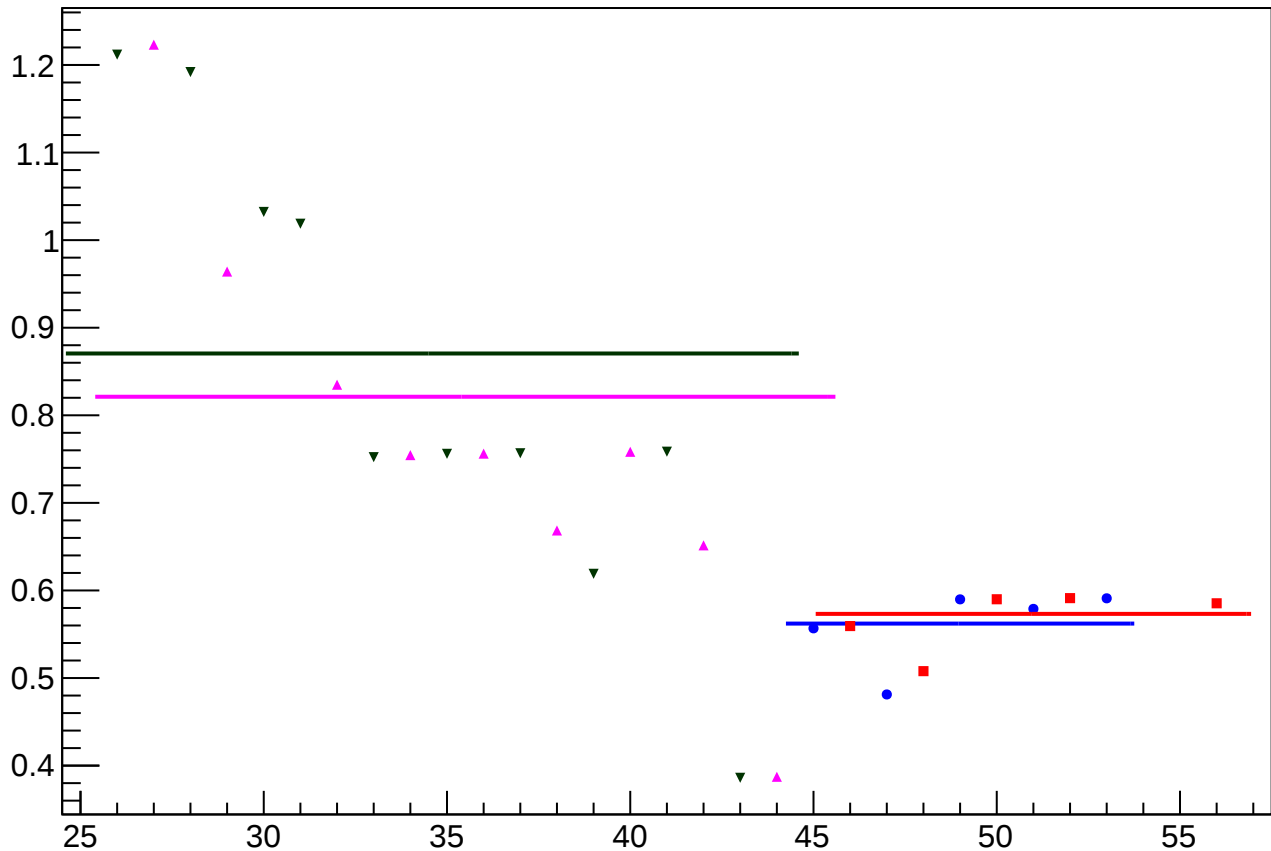
Right Out: 0.026+/-0.000 χ^2/NDF : 6466.3/4

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

0.023+/-0.000 χ^2/NDF : 35524.9/14

0.023+/-0.000 χ^2/NDF : 59258.6/13

yield_bpm11Y_mean vs slug



Right In: 0.562 ± 0.000 χ^2/NDF : 190737295.5/4

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

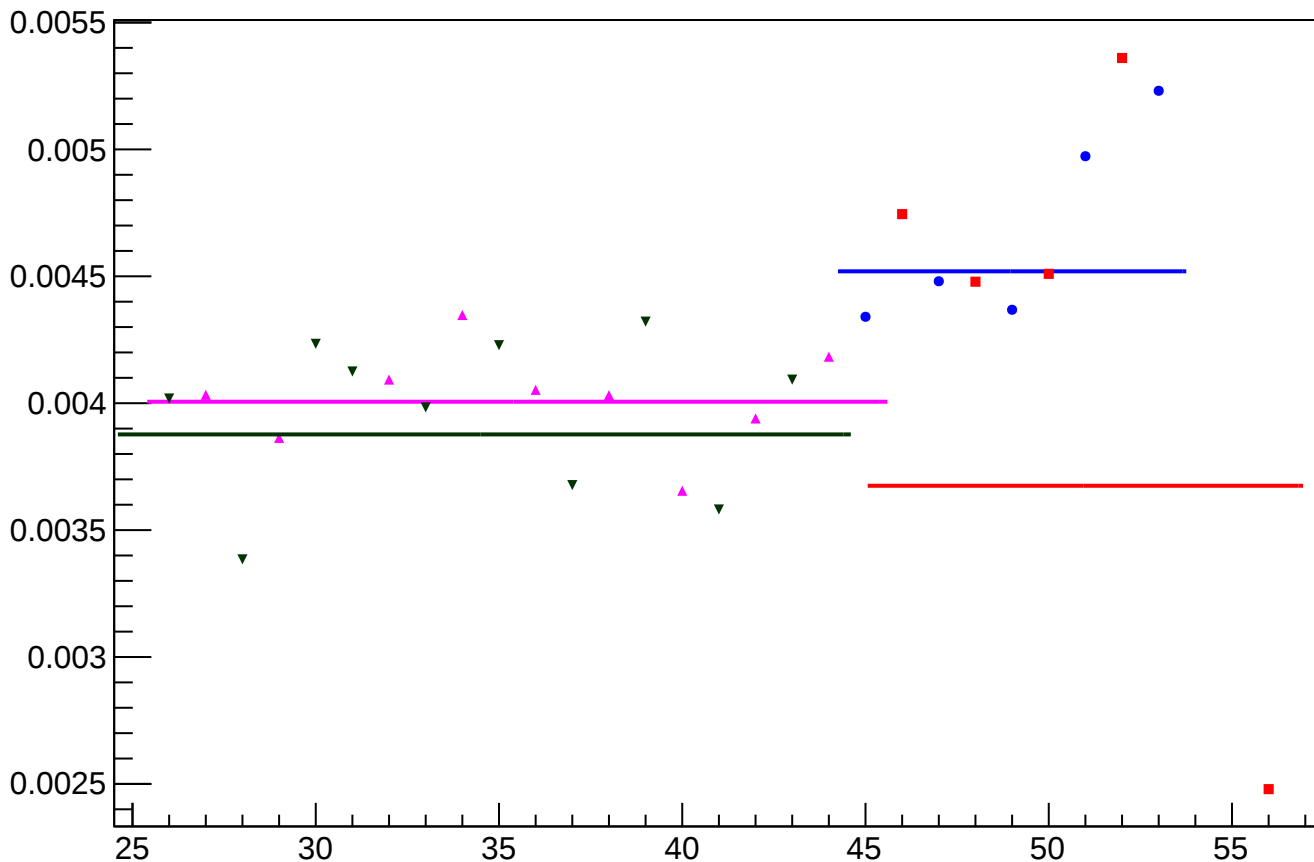
Right Out: 0.573 ± 0.000 χ^2/NDF : 120759440.9/4

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

0.786 ± 0.000 χ^2/NDF : 28268504083.2/14

0.742 ± 0.000 χ^2/NDF : 23713553489.3/13

yield_bpm11Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 23475.6/4

Left Out: 0.004+/-0.000 χ^2/NDF : 65331.5/9

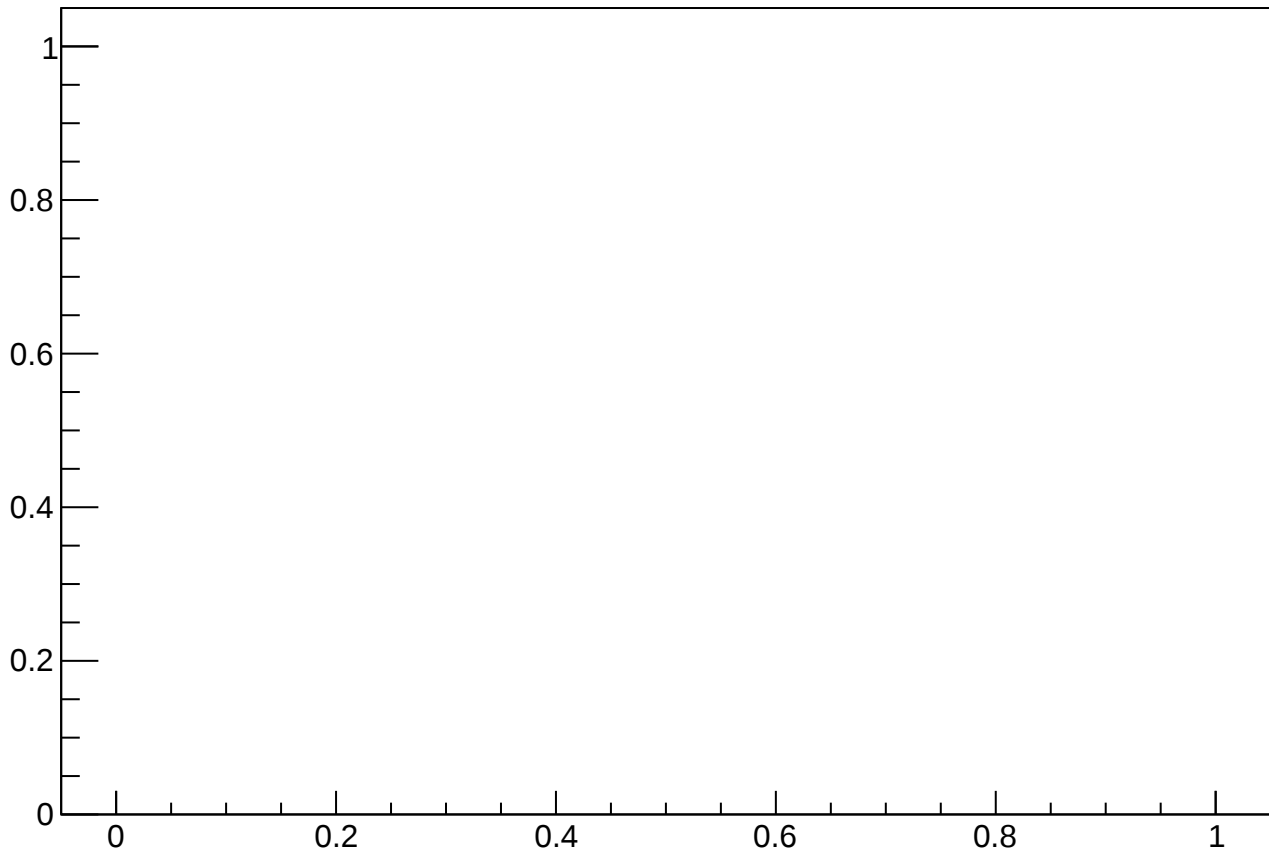
Right Out: 0.004+/-0.000 χ^2/NDF : 423225.3/4

Left In: 0.004+/-0.000 χ^2/NDF : 20427.1/8

0.004+/-0.000 χ^2/NDF : 161428.6/14

0.004+/-0.000 χ^2/NDF : 467404.0/13

yield_bpm14X_mean vs slug



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

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

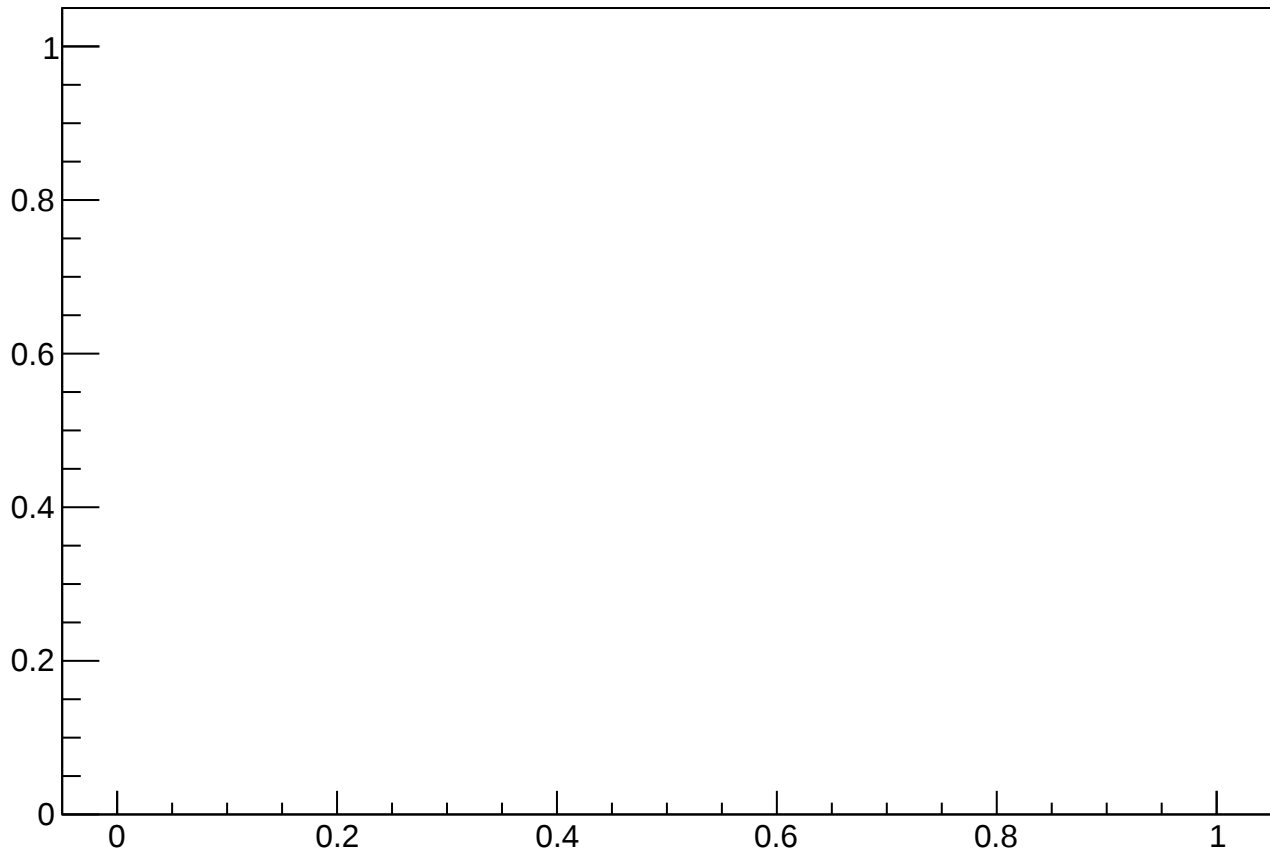
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14X_rms vs slug



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

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

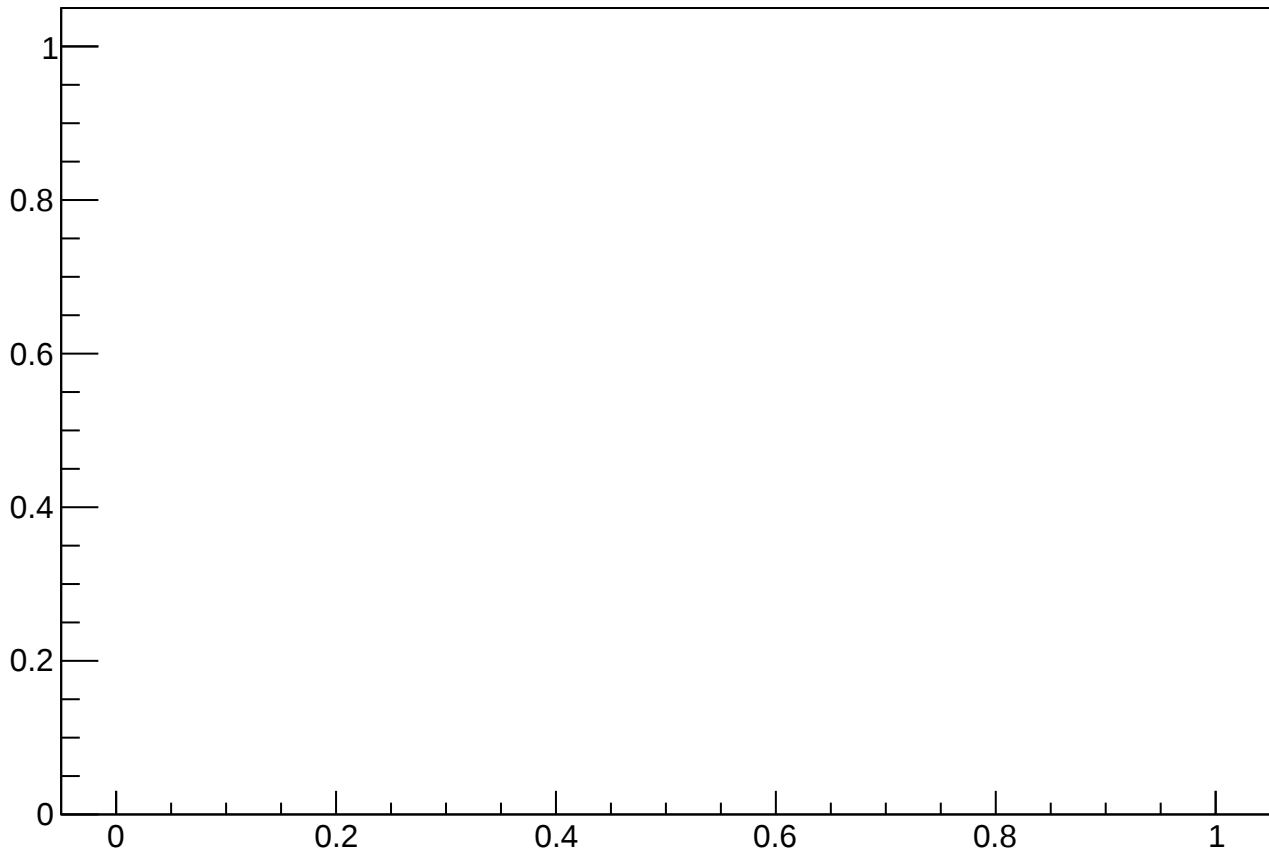
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14Y_mean vs slug



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

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

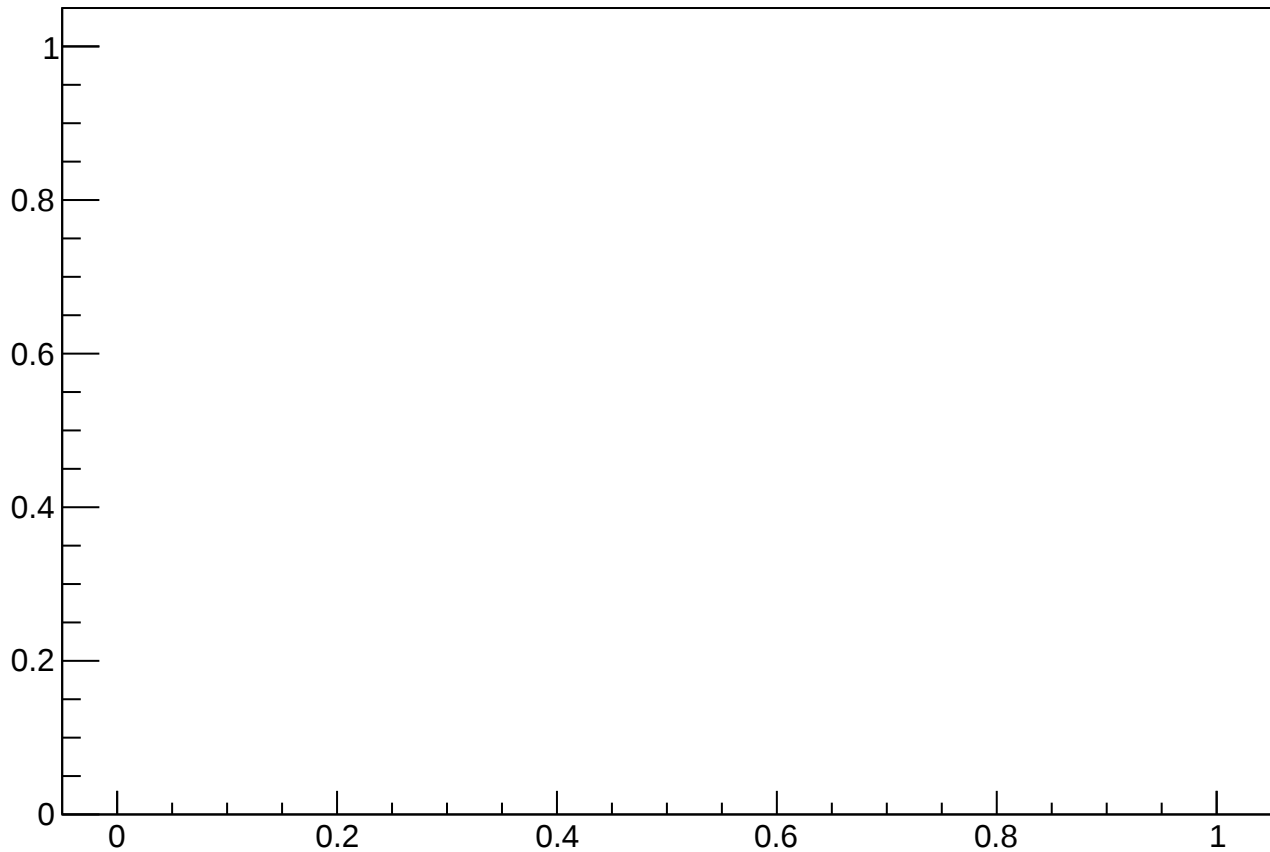
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14Y_rms vs slug



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

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

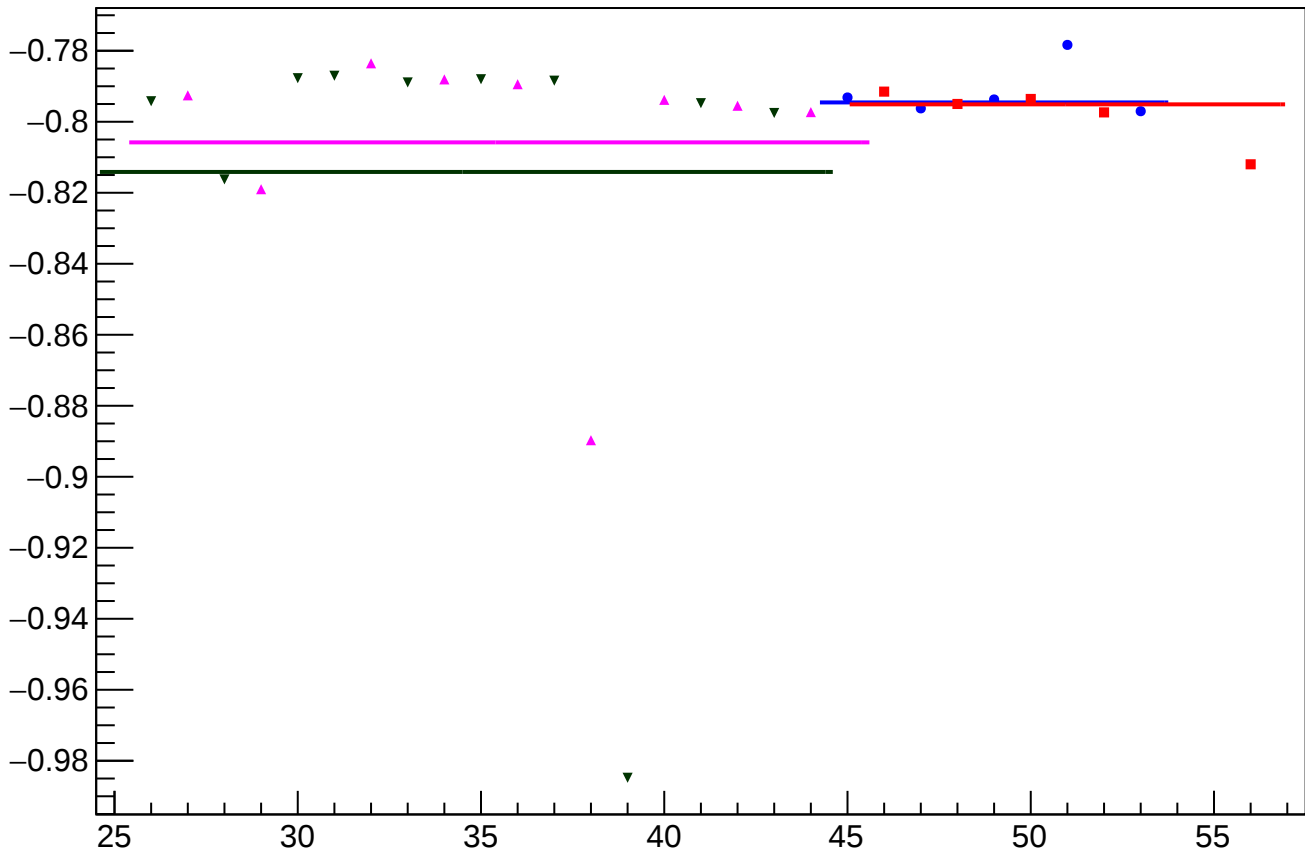
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs slug



Right In: -0.795+/-0.000 χ^2/NDF : 173042.3/4

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

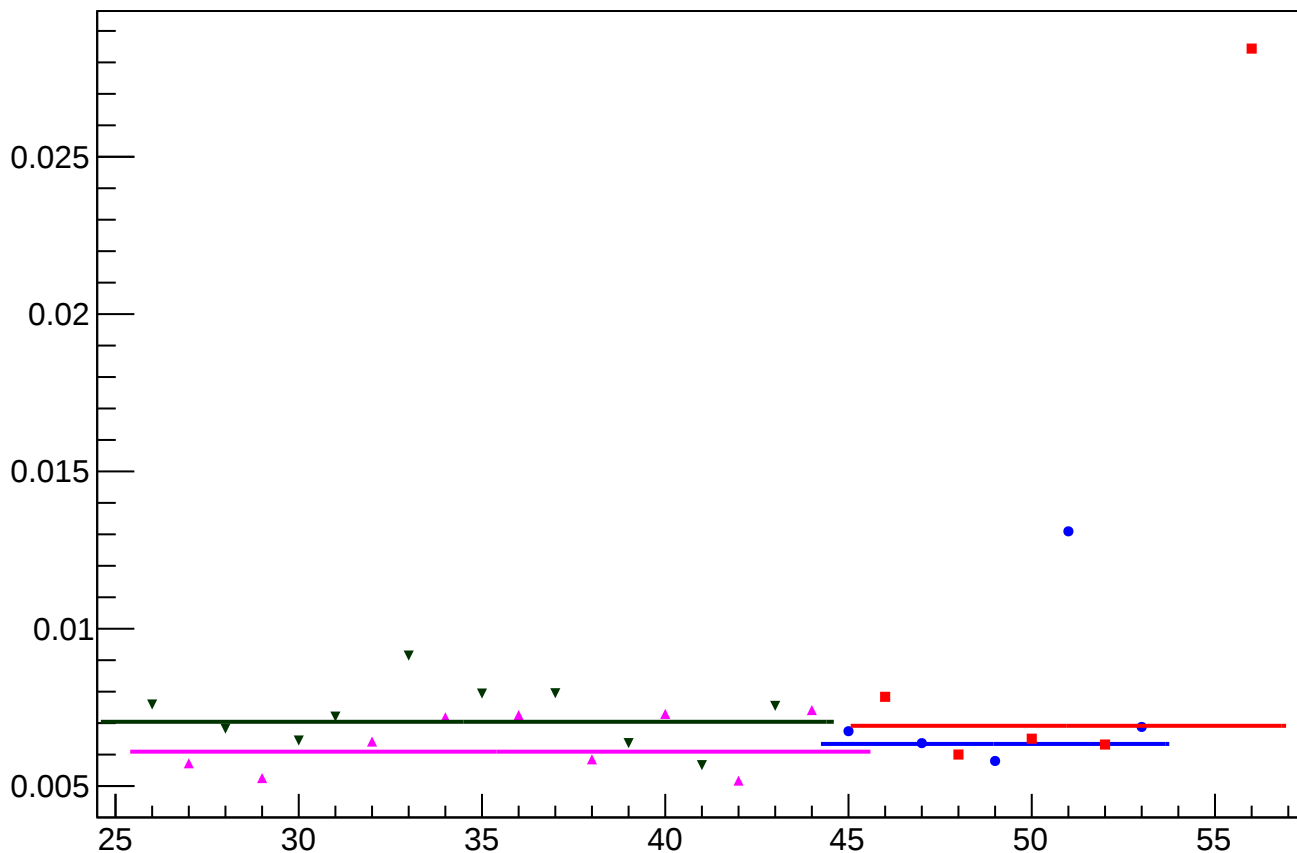
-0.807+/-0.000 χ^2/NDF : 267203347.1/14

Right Out: -0.795+/-0.000 χ^2/NDF : 289909.3/4

-0.803+/-0.000 χ^2/NDF : 98486529.2/13

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

yield_bpm12X_rms vs slug



Right In: 0.006 ± 0.000 χ^2/NDF : 43410.8/4

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

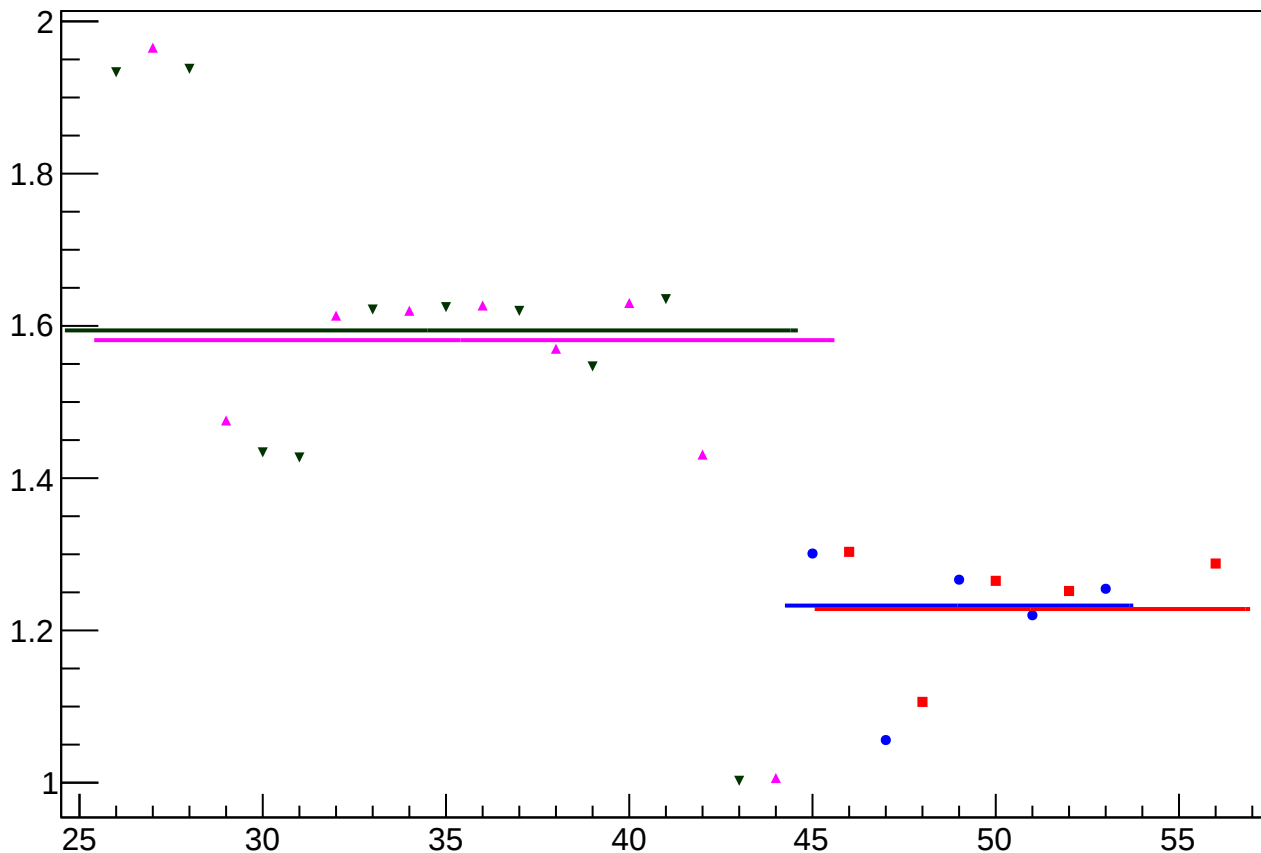
Right Out: 0.007 ± 0.000 χ^2/NDF : 572332.6/4

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

0.007 ± 0.000 χ^2/NDF : 205643.0/14

0.006 ± 0.000 χ^2/NDF : 747842.0/13

yield_bpm12Y_mean vs slug



Right In: 1.233+/-0.000 χ^2/NDF : 383876960.6/4

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

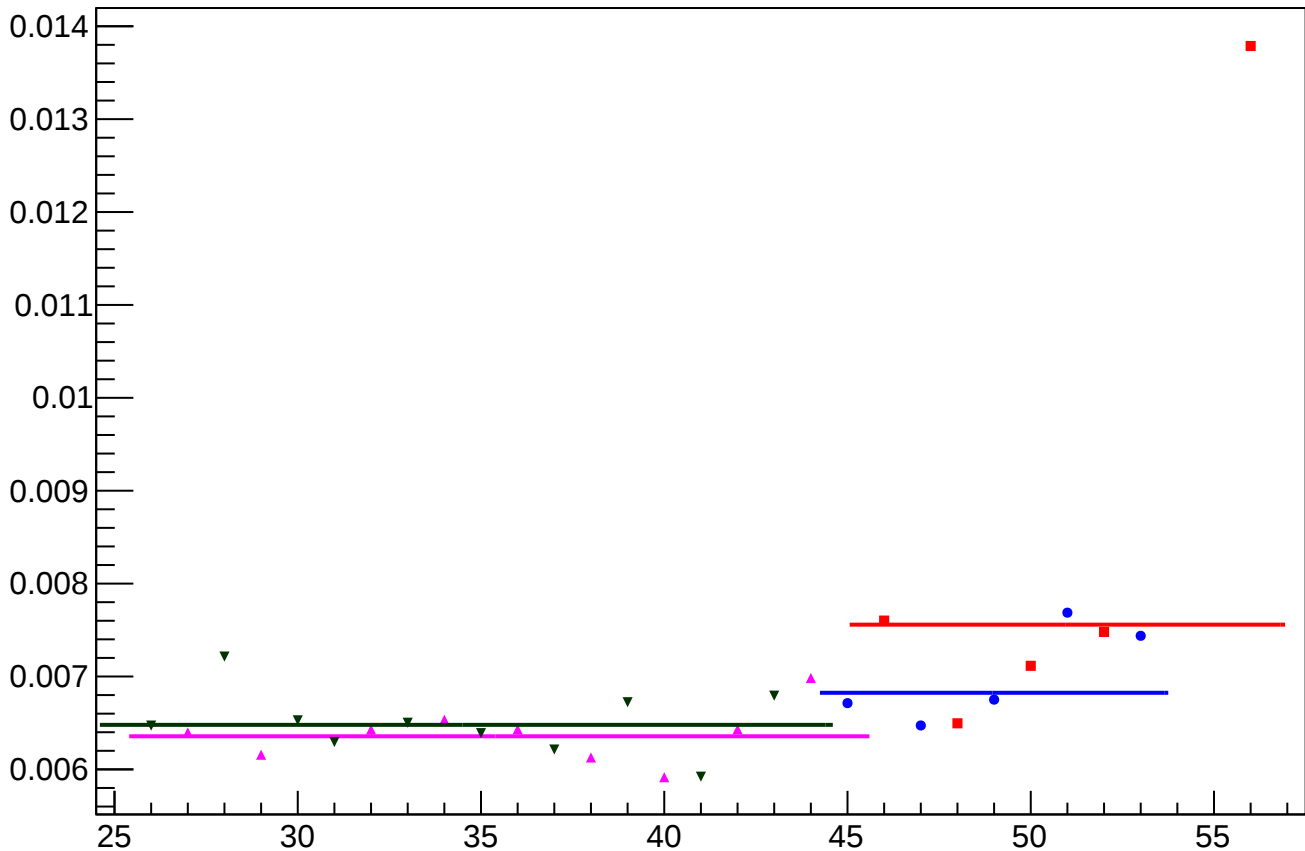
Right Out: 1.228+/-0.000 χ^2/NDF : 209540750.3/4

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

1.482+/-0.000 χ^2/NDF : 11643691075.7/14

1.501+/-0.000 χ^2/NDF : 10594103980.5/13

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 10815.6/4

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

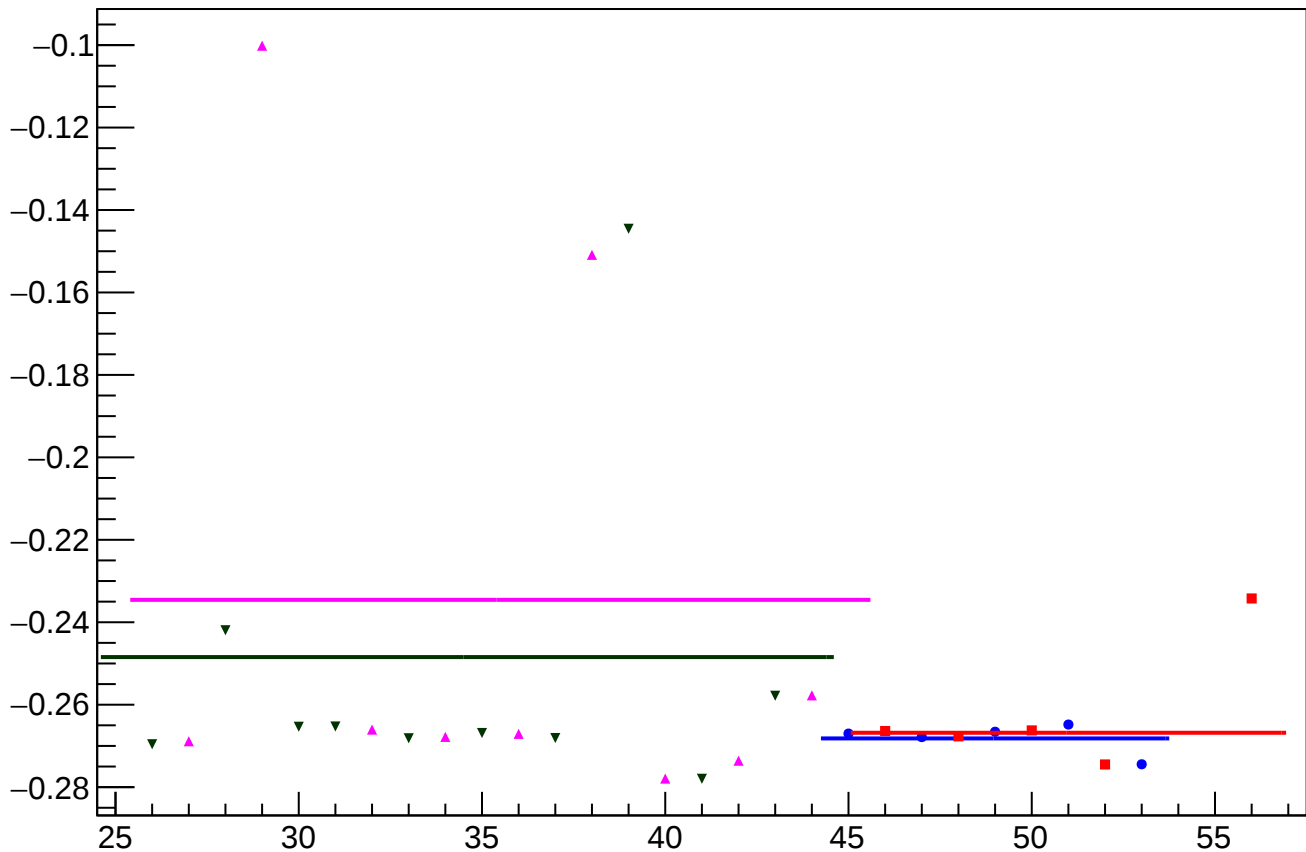
0.007+/-0.000 χ^2/NDF : 46954.8/14

Right Out: 0.008+/-0.000 χ^2/NDF : 217096.7/4

0.007+/-0.000 χ^2/NDF : 318122.3/13

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

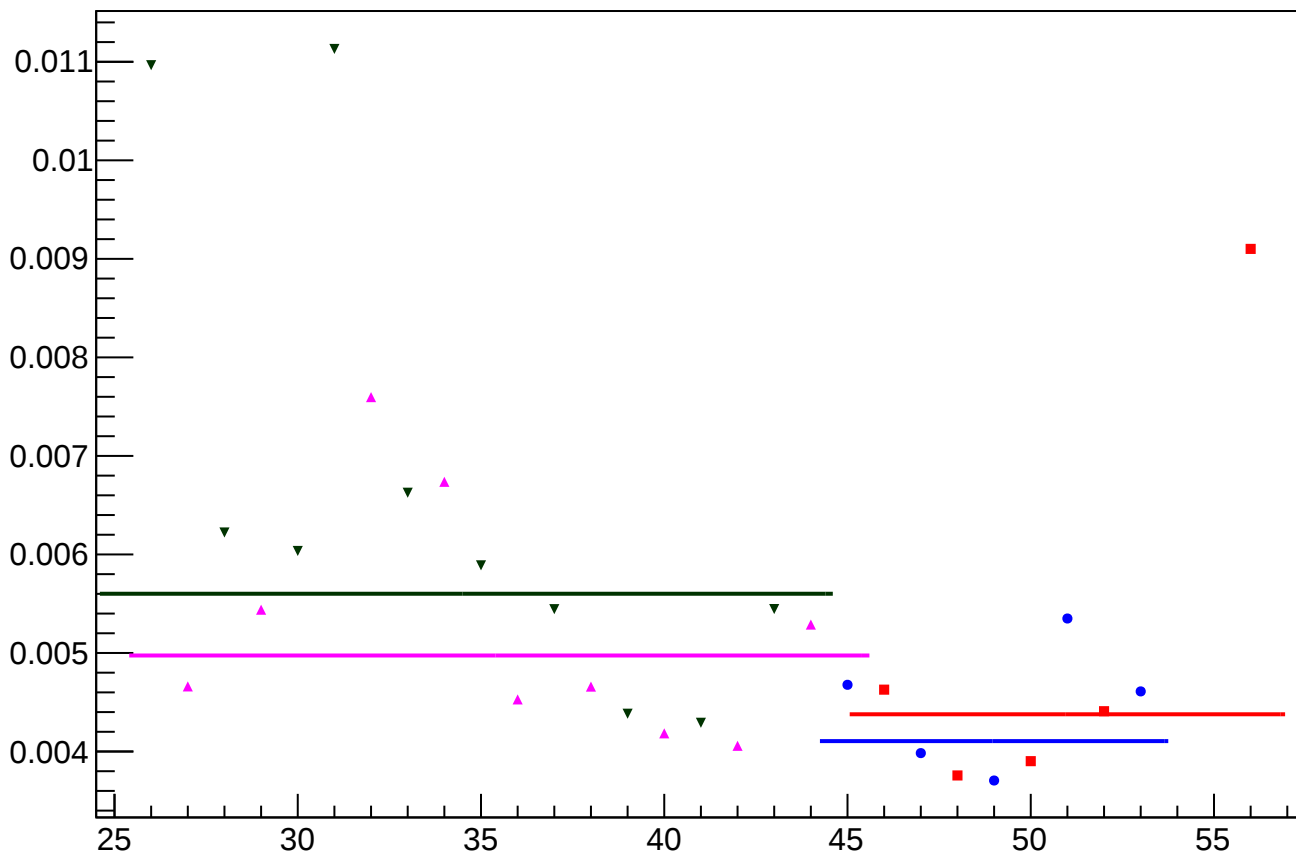
yield_bpm16X_mean vs slug



Right In: -0.268+/-0.000 χ^2/NDF : 1032764.0/4
 Left Out: -0.248+/-0.000 χ^2/NDF : 259449025.3/9
 Right Out: -0.267+/-0.000 χ^2/NDF : 7520822.0/4
 Left In: -0.235+/-0.000 χ^2/NDF : 786946325.9/8

-0.258+/-0.000 χ^2/NDF : 286231289.1/14
 -0.246+/-0.000 χ^2/NDF : 864356321.4/13

yield_bpm16X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 49409.2/4

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

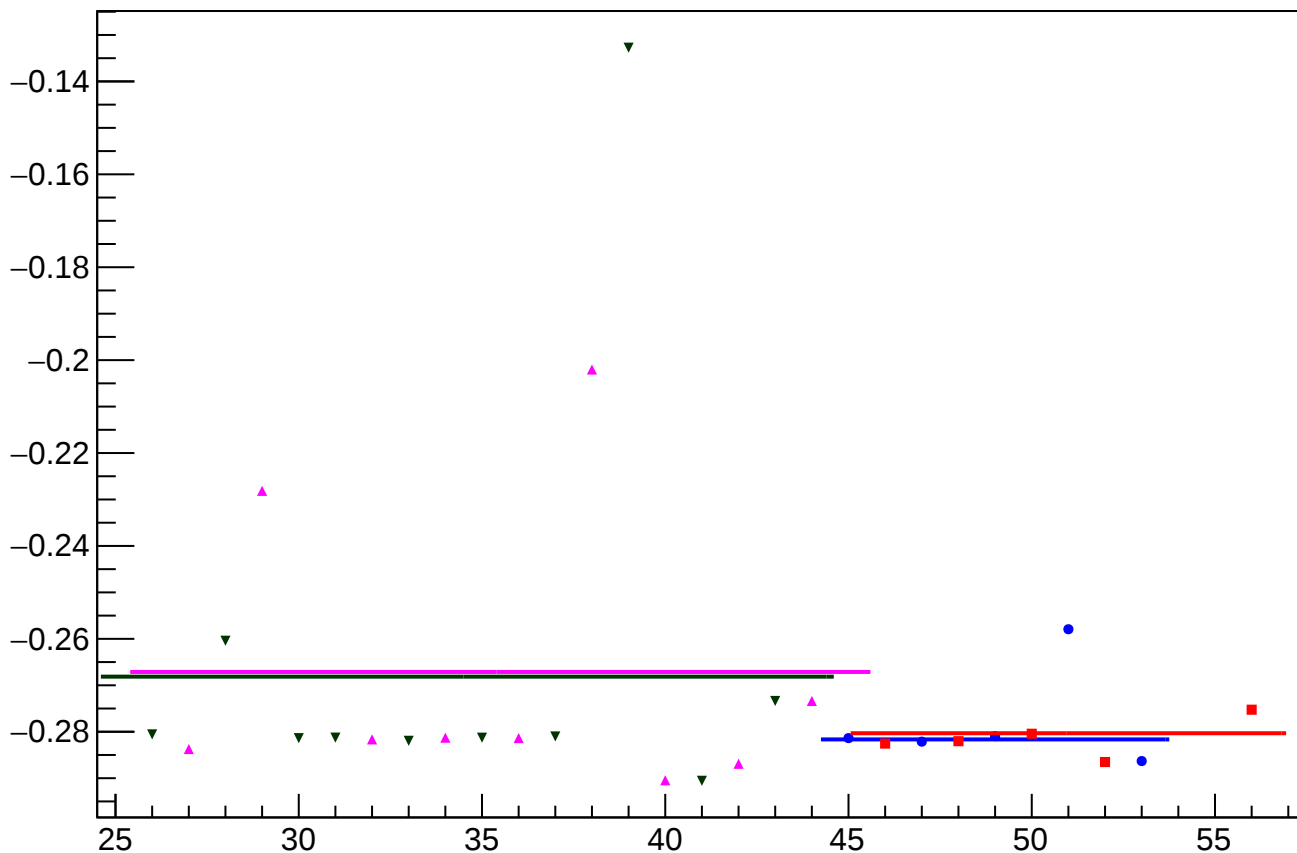
Right Out: 0.004+/-0.000 χ^2/NDF : 291466.1/4

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

0.005+/-0.000 χ^2/NDF : 947837.7/14

0.005+/-0.000 χ^2/NDF : 702661.5/13

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 3014096.0/4

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

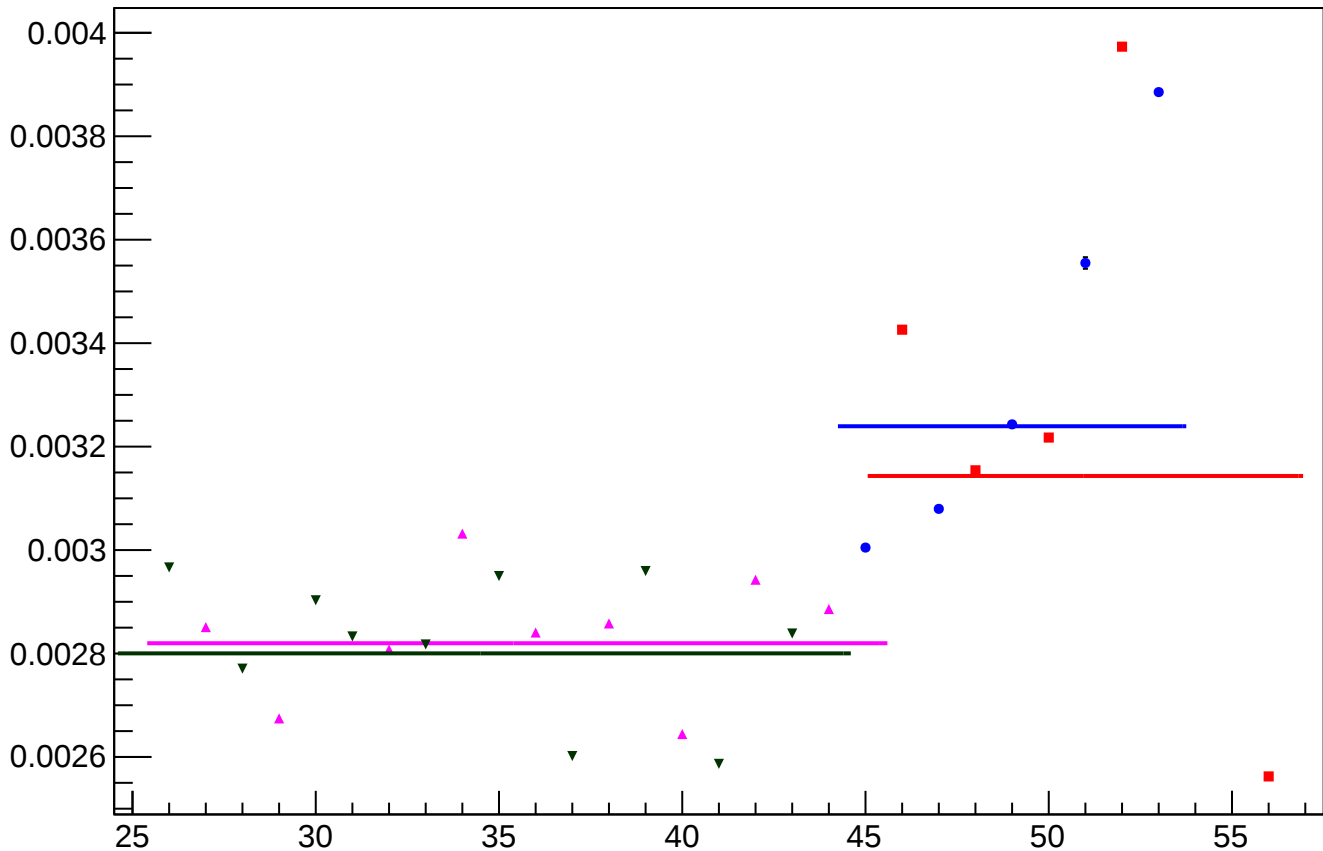
Right Out: -0.280+/-0.000 χ^2/NDF : 3408287.5/4

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

-0.272+/-0.000 χ^2/NDF : 994707129.8/14

-0.270+/-0.000 χ^2/NDF : 587743895.8/13

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 37822.7/4

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

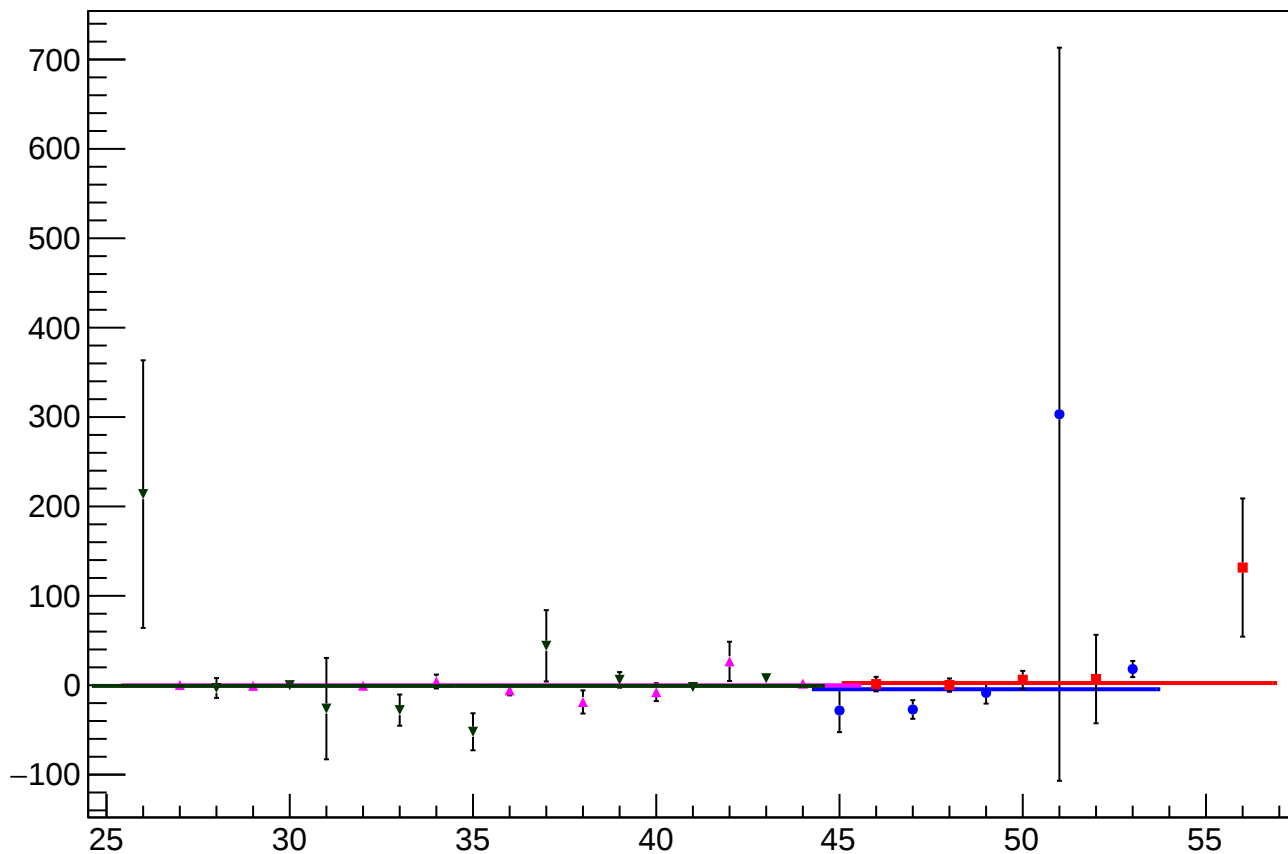
Right Out: 0.003+/-0.000 χ^2/NDF : 100077.6/4

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

0.003+/-0.000 χ^2/NDF : 127512.1/14

0.003+/-0.000 χ^2/NDF : 152895.4/13

diff_cav4bX_mean vs slug



Right In: -4.478+/-5.759 χ^2 /NDF: 12.6/4

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

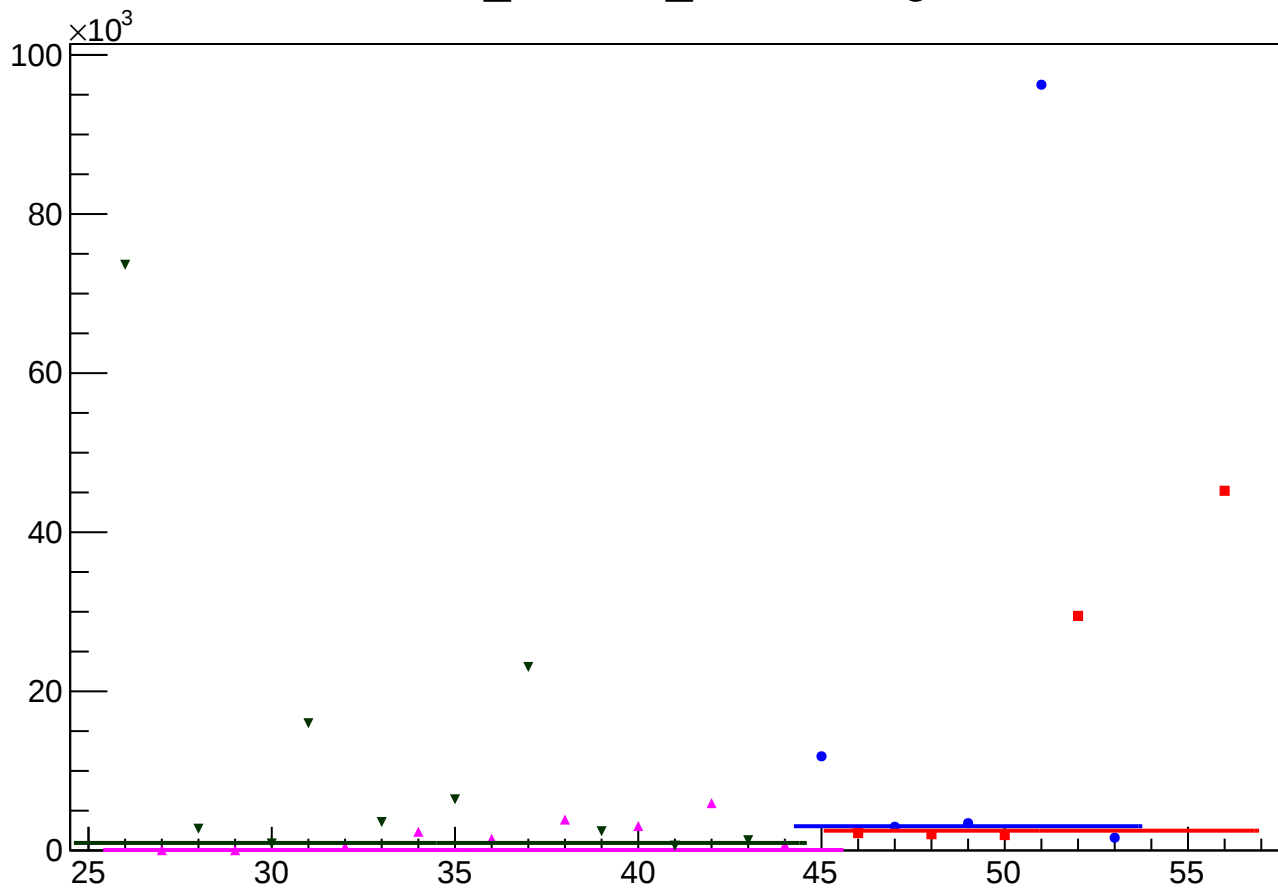
Right Out: 2.462+/-4.776 χ^2 /NDF: 3.1/4

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

-1.009+/-1.503 χ^2 /NDF: 28.9/14

-0.083+/-0.168 χ^2 /NDF: 18.9/13

diff_cav4bX_rms vs slug



Right In: 3046.046 $\pm$ 4.073 χ^2 /NDF: 420574.0/4

Left Out: 946.747 $\pm$ 1.101 χ^2 /NDF:1585820.7/9

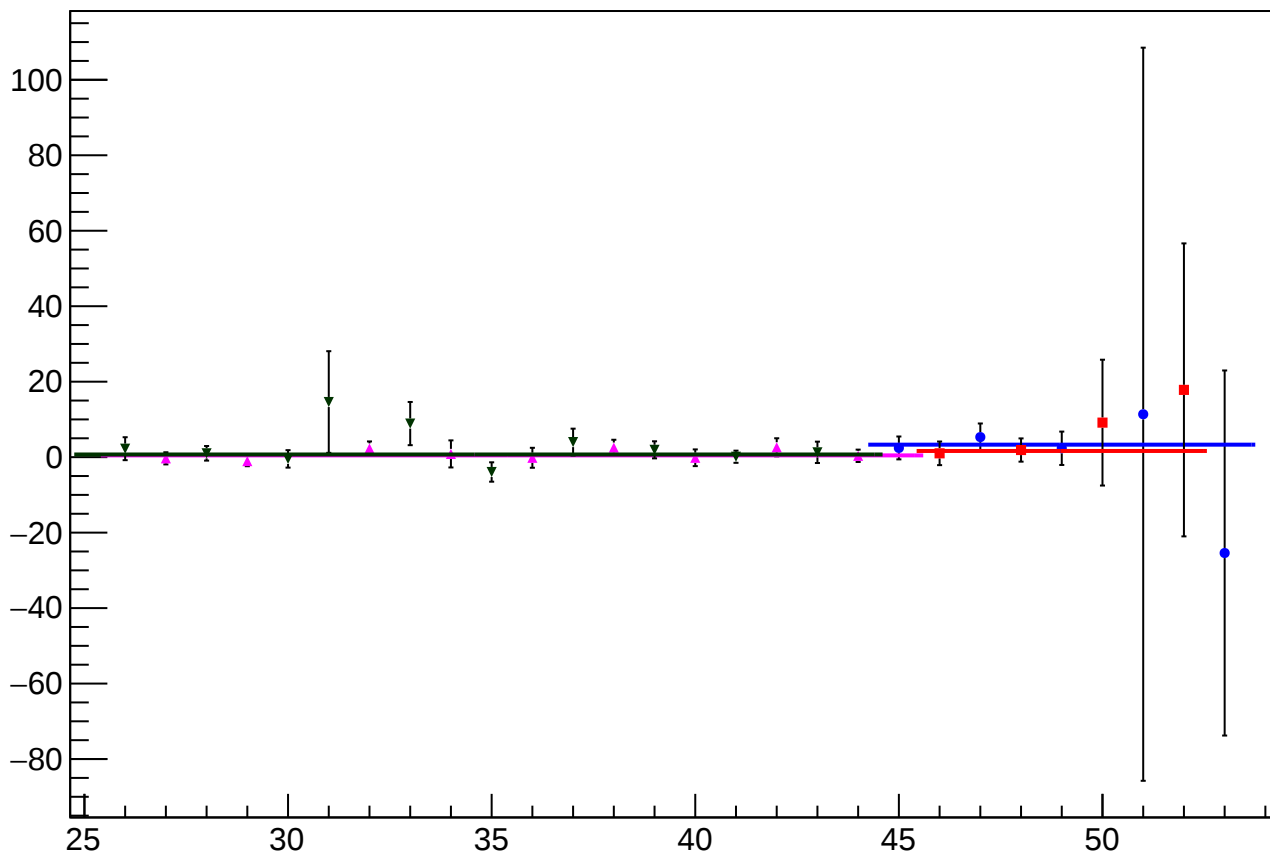
Right Out: 2486.879 $\pm$ 3.377 χ^2 /NDF: 1222714.8/4

Left In: 61.511 $\pm$ 0.119 χ^2 /NDF:1573172.2/8

1089.758 $\pm$ 1.063 χ^2 /NDF: 2254006.7/14

64.515 $\pm$ 0.119 χ^2 /NDF: 3310921.5/13

diff_cav4bY_mean vs slug



Right In: 3.311 ± 2.052 χ^2/NDF : 0.8/4

Left Out: 0.707 ± 0.808 χ^2/NDF : 8.2/9

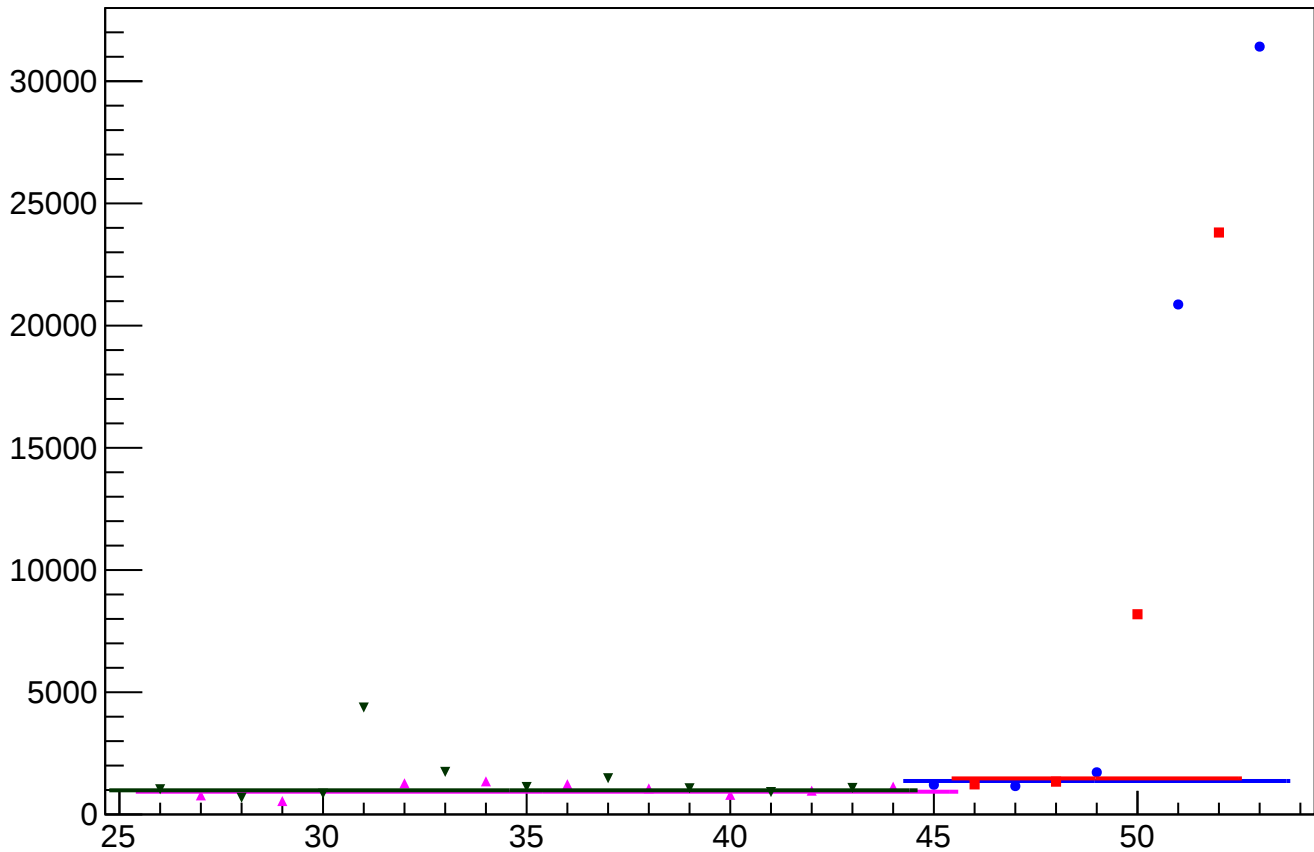
Right Out: 1.640 ± 2.173 χ^2/NDF : 0.4/3

Left In: 0.468 ± 0.642 χ^2/NDF : 4.4/8

1.056 ± 0.751 χ^2/NDF : 10.4/14

0.562 ± 0.616 χ^2/NDF : 5.1/12

diff_cav4bY_rms vs slug



Right In: 1369.288+/-1.451 χ^2/NDF : 877167.4/4

Left Out: 987.900+/-0.571 χ^2/NDF : 270892.3/9

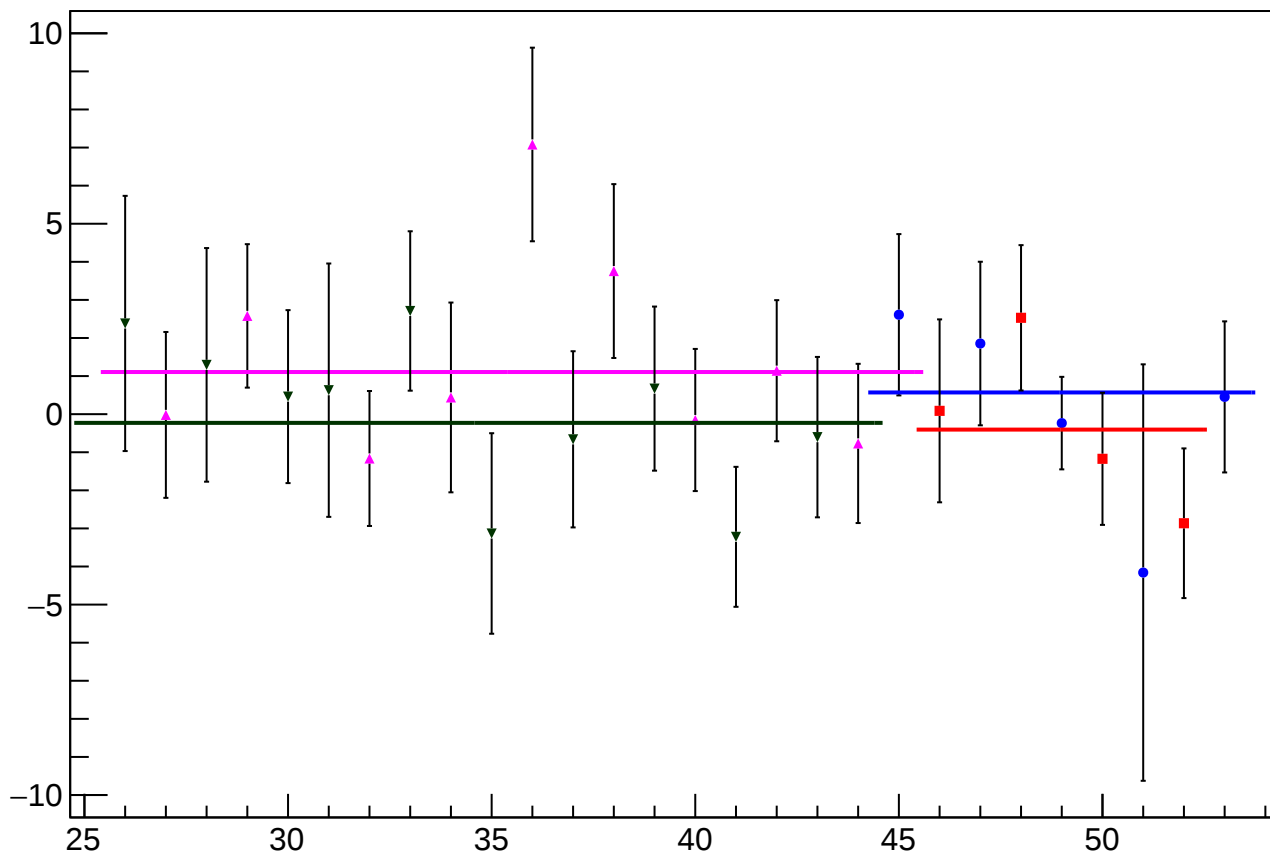
1039.063+/-0.531 χ^2/NDF : 1207906.1/14

Right Out: 1474.477+/-1.536 χ^2/NDF : 1002623.9/3

973.774+/-0.435 χ^2/NDF : 1466985.8/12

Left In: 930.059+/-0.454 χ^2/NDF : 348877.4/8

diff_cav4cX_mean vs slug



Right In: 0.570 ± 0.844 $\chi^2/\text{NDF}: 2.5/4$

Left Out: -0.229 ± 0.750 $\chi^2/\text{NDF}: 7.1/9$

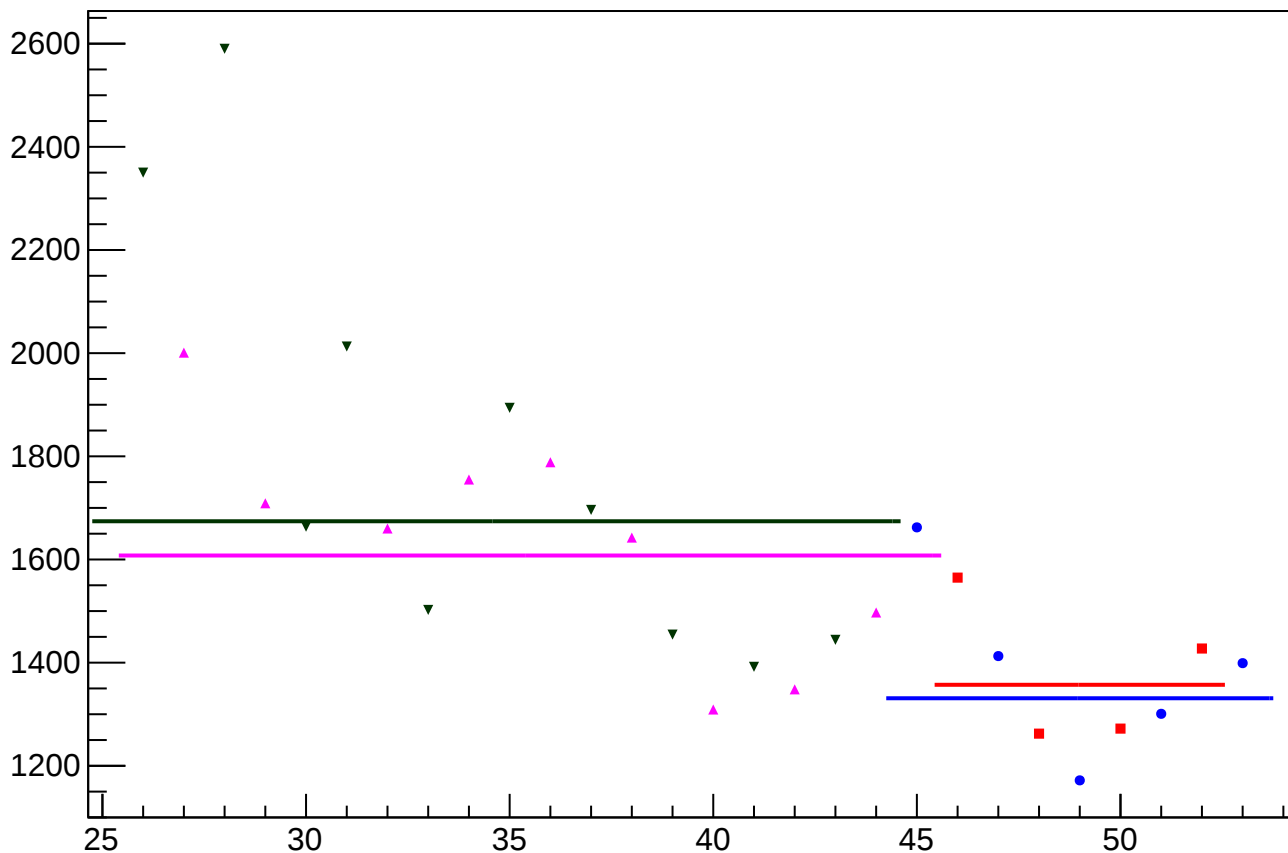
Right Out: -0.405 ± 0.981 $\chi^2/\text{NDF}: 4.2/3$

Left In: 1.107 ± 0.686 $\chi^2/\text{NDF}: 10.7/8$

0.124 ± 0.561 $\chi^2/\text{NDF}: 10.1/14$

0.610 ± 0.562 $\chi^2/\text{NDF}: 16.5/12$

diff_cav4cX_rms vs slug



Right In: 1330.975+/-0.596 χ^2/NDF : 88609.1/4

Left Out: 1674.116+/-0.531 χ^2/NDF : 399958.8/9

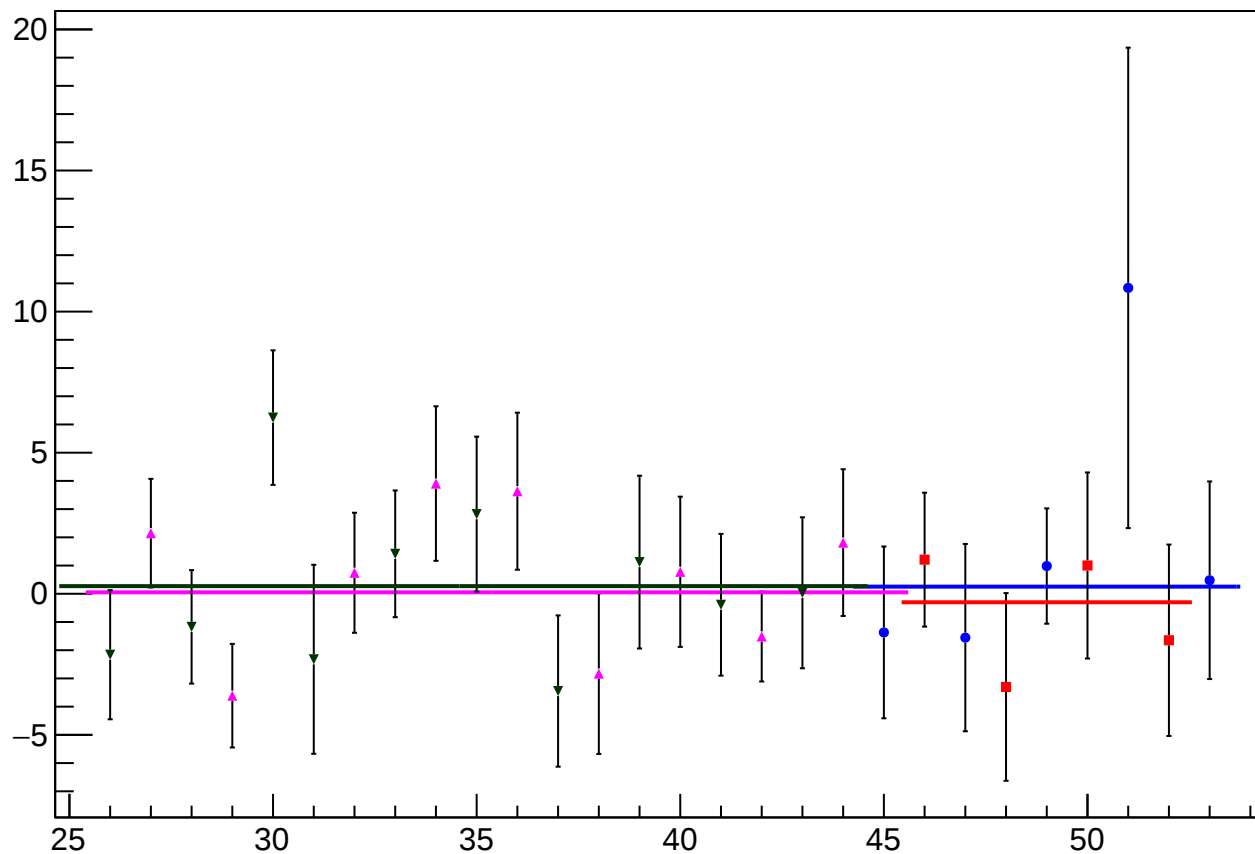
Right Out: 1357.076+/-0.694 χ^2/NDF : 27251.2/3

Left In: 1607.717+/-0.485 χ^2/NDF : 186348.1/8

1522.545+/-0.396 χ^2/NDF : 673341.1/14

1525.435+/-0.397 χ^2/NDF : 301310.0/12

diff_cav4cY_mean vs slug



Right In: 0.253 ± 1.369 χ^2/NDF : 2.3/4

Left Out: 0.271 ± 0.796 χ^2/NDF : 11.7/9

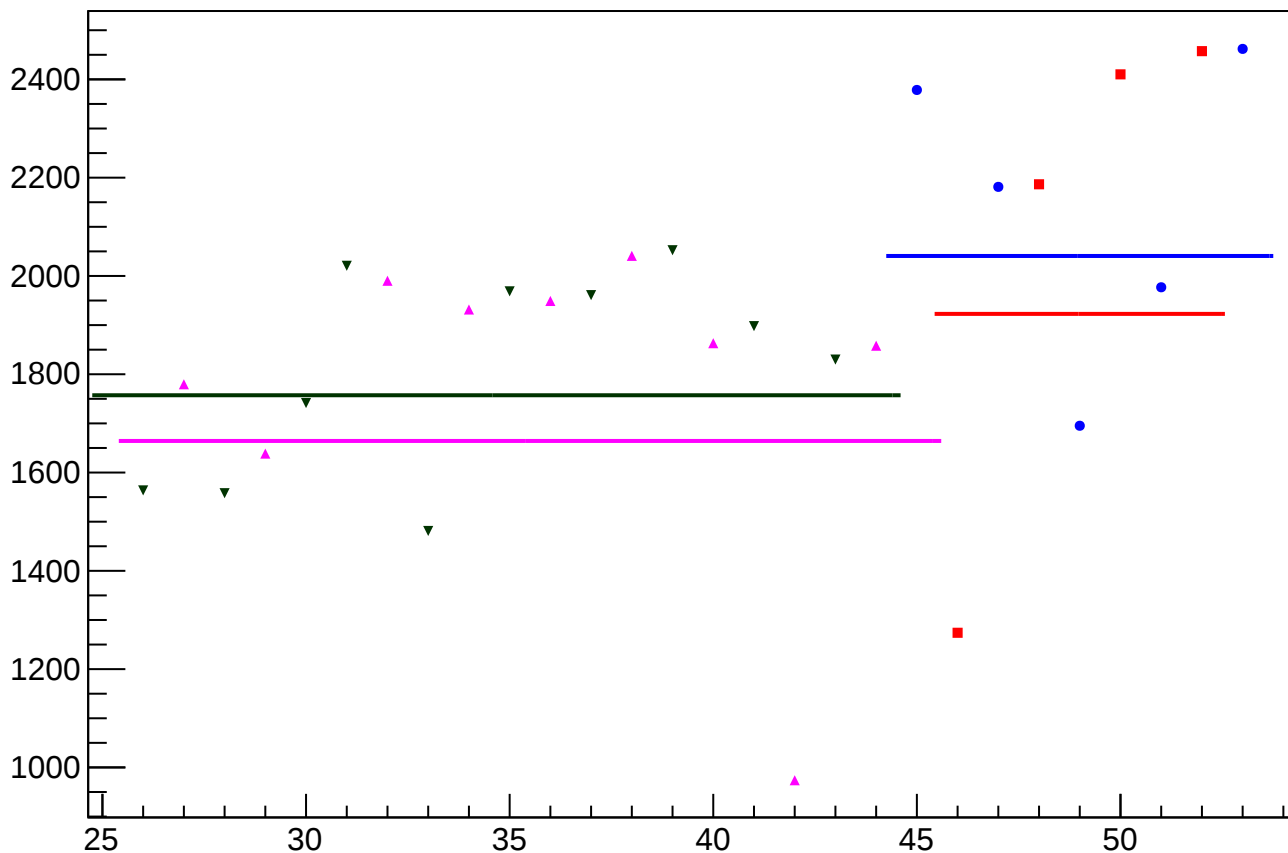
Right Out: -0.302 ± 1.496 χ^2/NDF : 1.5/3

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

0.266 ± 0.688 χ^2/NDF : 14.0/14

-0.017 ± 0.659 χ^2/NDF : 13.0/12

diff_cav4cY_rms vs slug



Right In: 2040.671+/-0.968 χ^2/NDF : 114436.2/4

Left Out: 1757.264+/-0.563 χ^2/NDF :126368.6/9

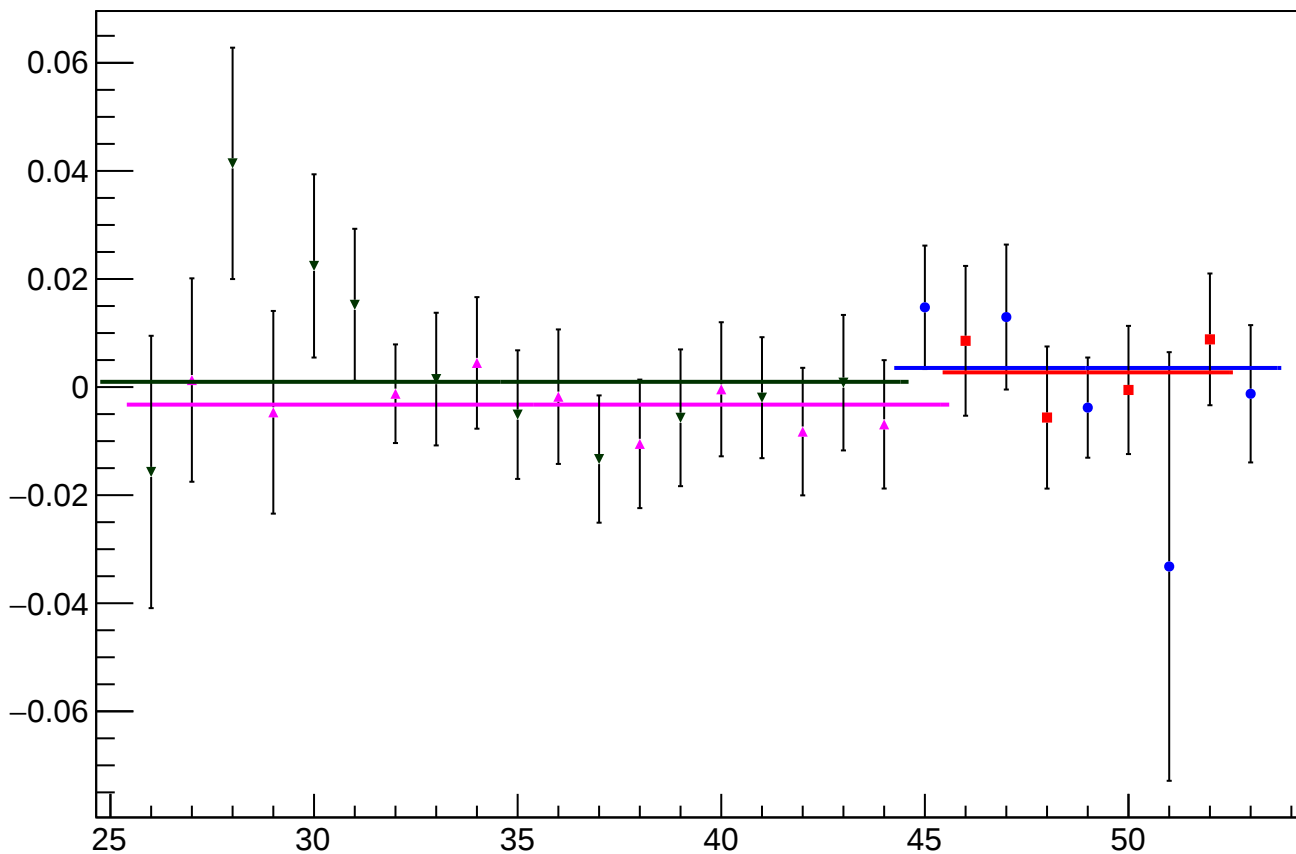
Right Out: 1922.824+/-1.058 χ^2/NDF : 255408.3/3

Left In: 1664.275+/-0.519 χ^2/NDF :526260.0/8

1828.861+/-0.487 χ^2/NDF : 304847.1/14

1714.453+/-0.466 χ^2/NDF : 829810.5/12

diff_cav4dX_mean vs slug



Right In: 0.004 $\pm$ 0.006 χ^2 /NDF: 3.1/4

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.7/9

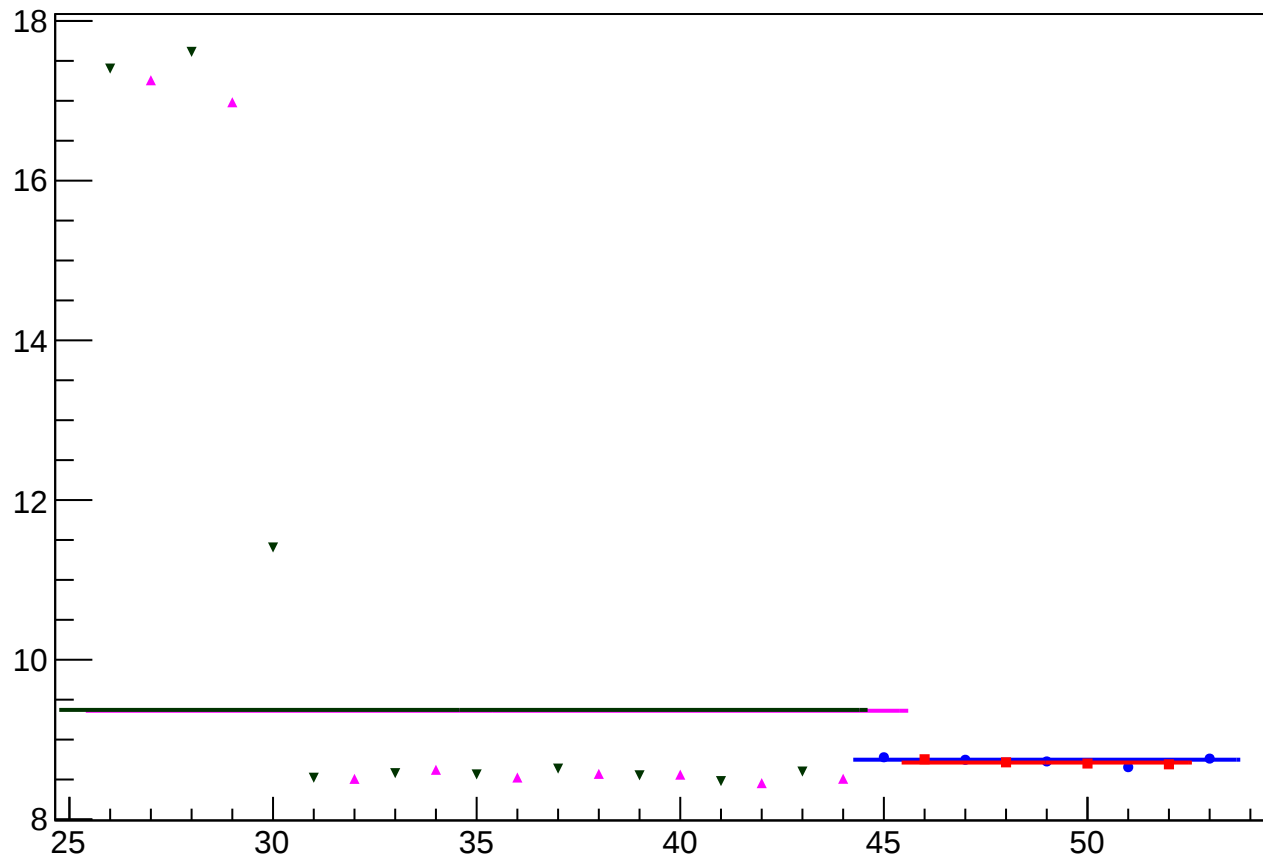
Right Out: 0.003 $\pm$ 0.006 χ^2 /NDF: 0.9/3

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.002 $\pm$ 0.003 χ^2 /NDF: 11.9/14

-0.001 $\pm$ 0.003 χ^2 /NDF: 2.8/12

diff_cav4dX_rms vs slug



Right In: 8.748+/-0.004 χ^2/NDF : 38.7/4

Left Out: 9.372+/-0.003 χ^2/NDF : 589618.0/9

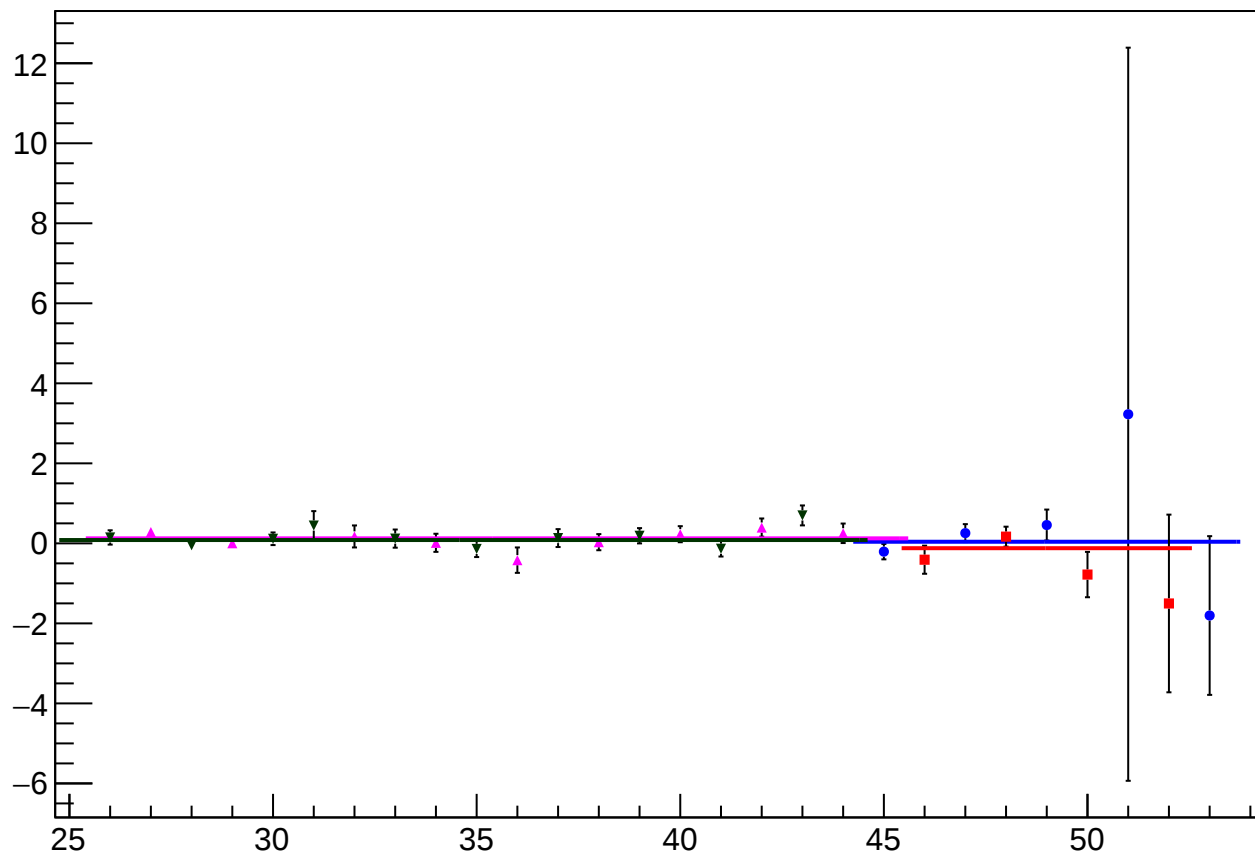
Right Out: 8.712+/-0.004 χ^2/NDF : 26.0/3

Left In: 9.361+/-0.003 χ^2/NDF : 755360.8/8

9.141+/-0.002 χ^2/NDF : 605164.7/14

9.168+/-0.002 χ^2/NDF : 770078.0/12

diff_cav4dY_mean vs slug



Right In: 0.041 $\pm$ 0.136 χ^2 /NDF: 4.7/4

Left Out: 0.083 $\pm$ 0.059 χ^2 /NDF:11.3/9

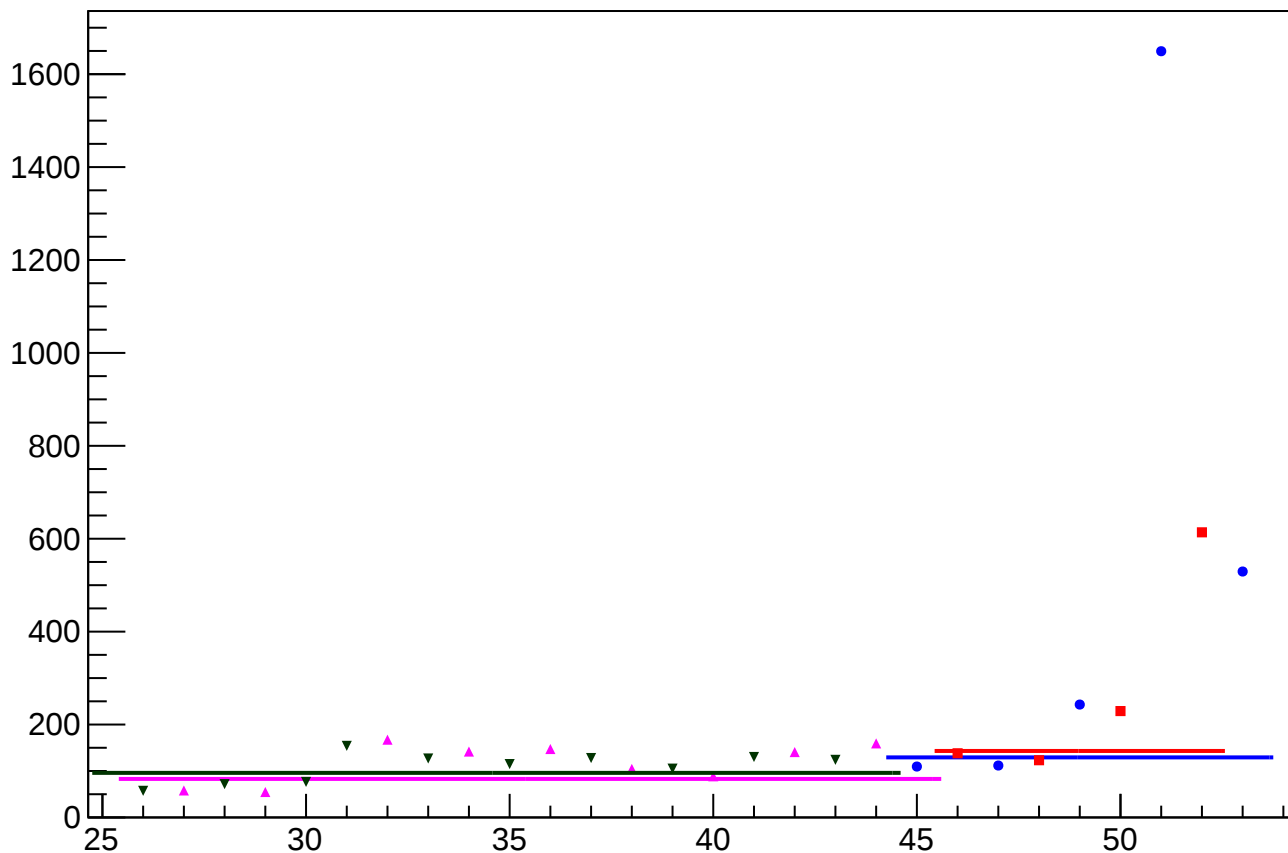
Right Out: -0.121 $\pm$ 0.190 χ^2 /NDF: 3.8/3

Left In: 0.125 $\pm$ 0.053 χ^2 /NDF:9.7/8

0.076 $\pm$ 0.054 χ^2 /NDF: 16.1/14

0.107 $\pm$ 0.051 χ^2 /NDF: 15.0/12

diff_cav4dY_rms vs slug



Right In: 129.295+/-0.096 χ^2/NDF : 342449.2/4

Left Out: 95.985+/-0.042 χ^2/NDF : 447225.2/9

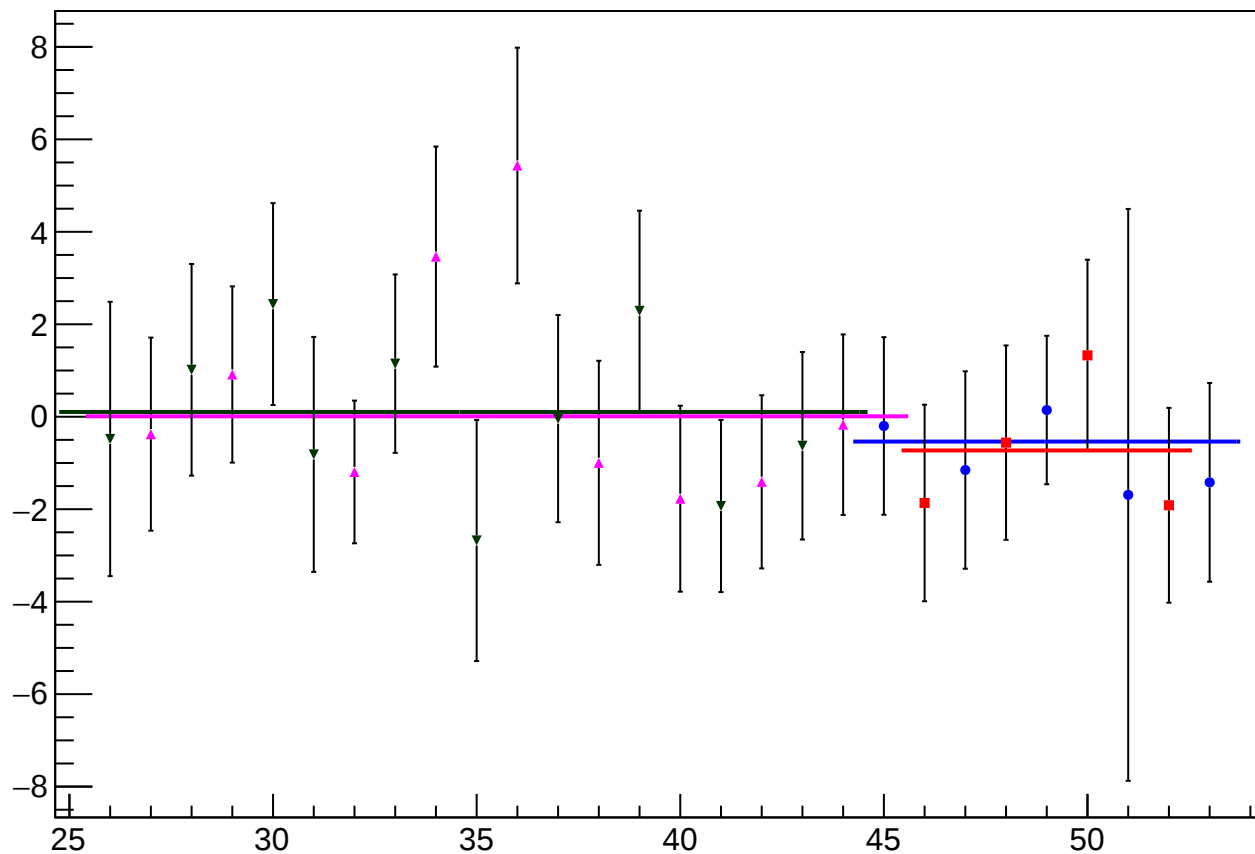
Right Out: 143.133+/-0.135 χ^2/NDF : 148984.2/3

Left In: 82.933+/-0.038 χ^2/NDF : 1079060.0/8

101.278+/-0.038 χ^2/NDF : 890129.2/14

87.297+/-0.036 χ^2/NDF : 1413293.4/12

diff_bpm4aX_mean vs slug



Right In: -0.537 ± 0.945 χ^2/NDF : 0.5/4

Left Out: 0.103 ± 0.702 χ^2/NDF : 5.2/9

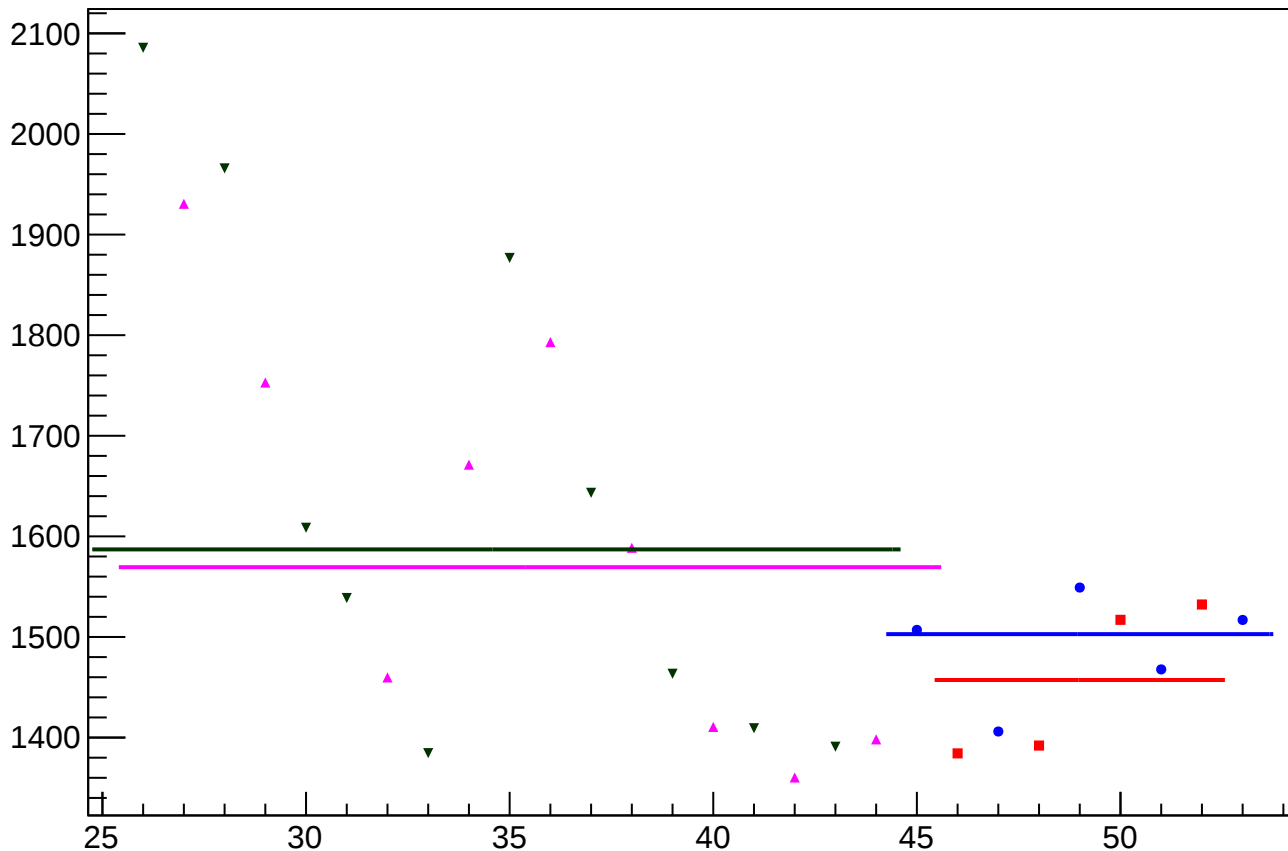
Right Out: -0.729 ± 1.050 χ^2/NDF : 1.6/3

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

-0.125 ± 0.563 χ^2/NDF : 6.0/14

-0.202 ± 0.562 χ^2/NDF : 11.0/12

diff_bpm4aX_rms vs slug



Right In: 1502.818 $\pm$ 0.668 χ^2 /NDF: 5932.4/4

Left Out: 1587.052 $\pm$ 0.496 χ^2 /NDF: 203584.7/9

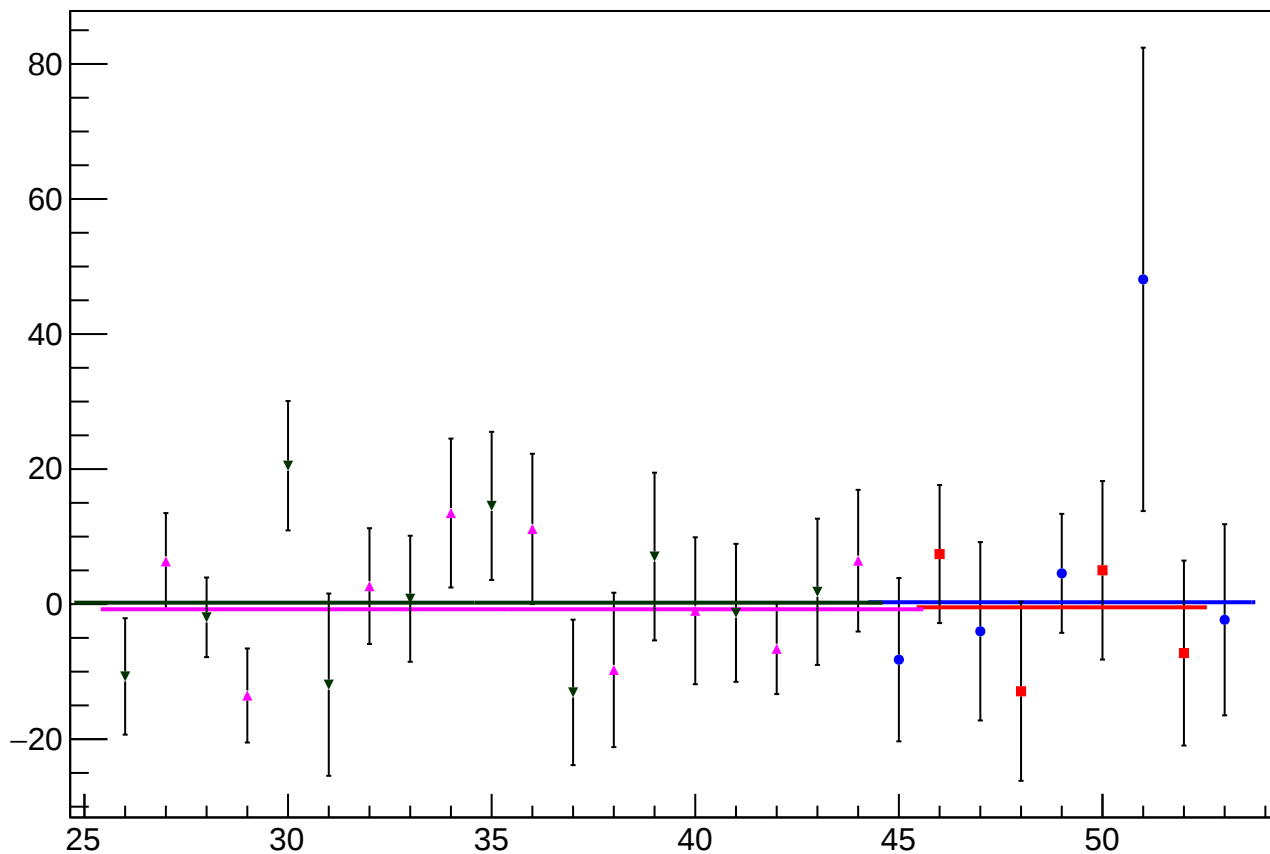
Right Out: 1457.239 $\pm$ 0.743 χ^2 /NDF: 8483.2/3

Left In: 1569.361 $\pm$ 0.471 χ^2 /NDF: 160439.4/8

1557.073 $\pm$ 0.398 χ^2 /NDF: 219762.1/14

1537.212 $\pm$ 0.398 χ^2 /NDF: 185176.1/12

diff_bpm4aY_mean vs slug



Right In: 0.279 ± 5.653 χ^2/NDF : 2.8/4

Left Out: 0.216 ± 2.994 χ^2/NDF : 10.6/9

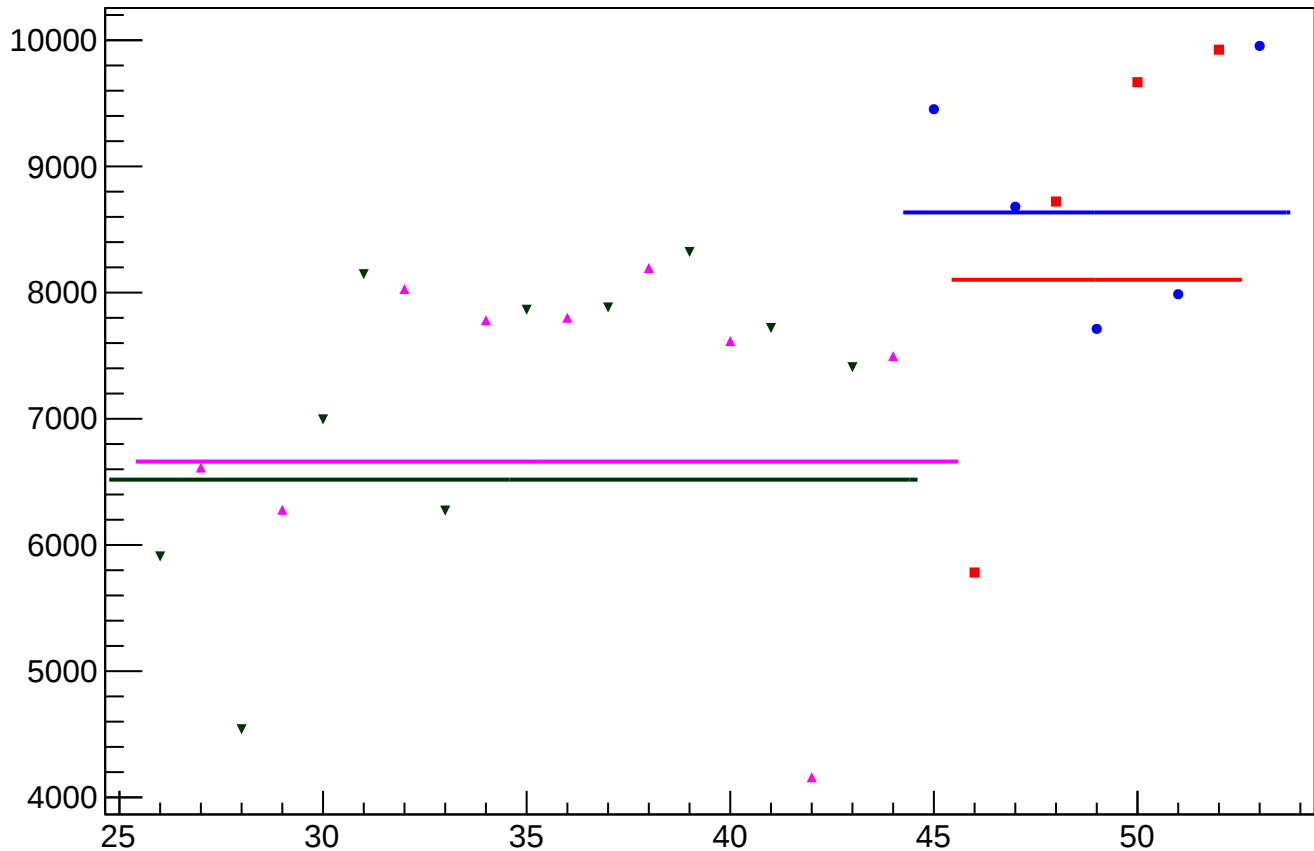
Right Out: -0.472 ± 6.165 χ^2/NDF : 1.9/3

Left In: -0.763 ± 2.918 χ^2/NDF : 9.2/8

0.230 ± 2.646 χ^2/NDF : 13.4/14

-0.710 ± 2.638 χ^2/NDF : 11.1/12

diff_bpm4aY_rms vs slug



Right In: 8635.214+/-3.997 χ^2/NDF : 49197.1/4

Left Out: 6517.791+/-2.117 χ^2/NDF : 416045.1/9

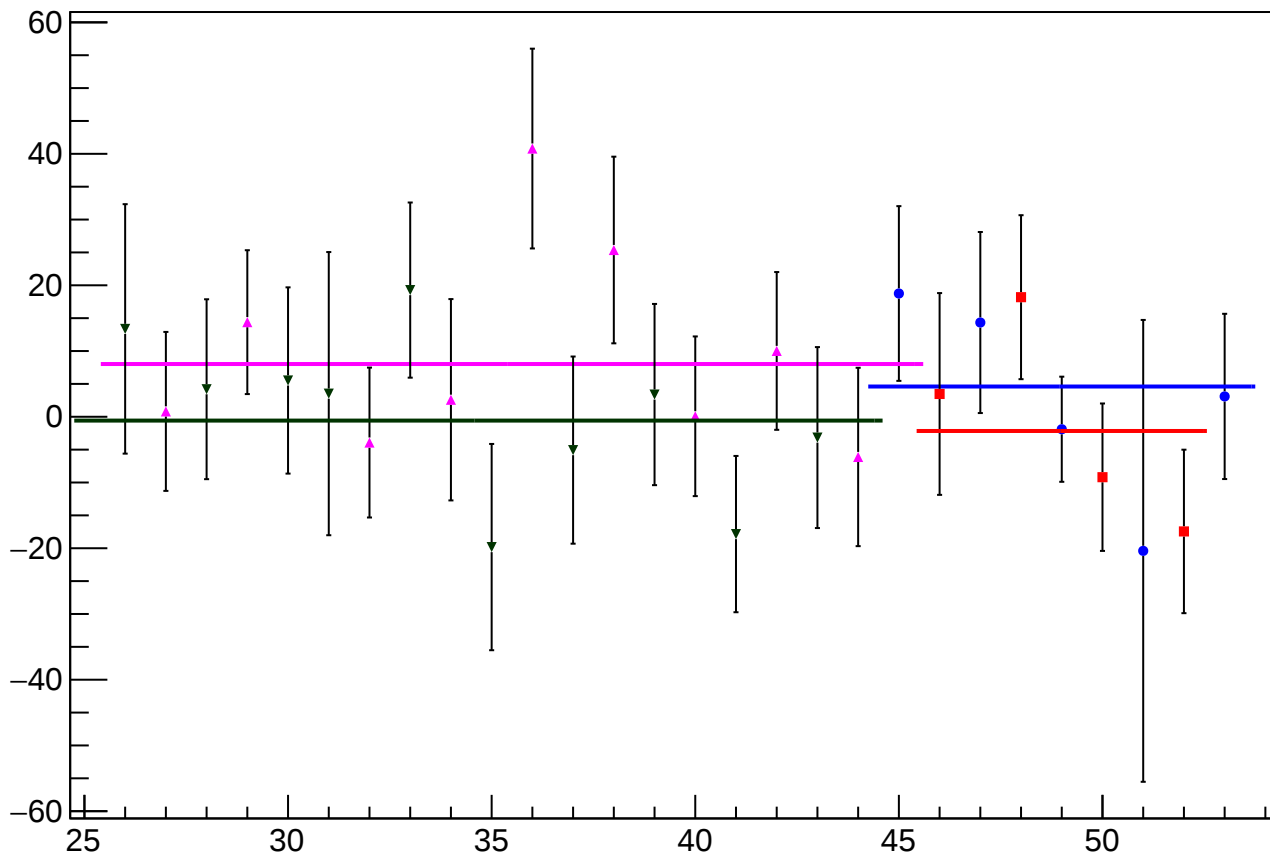
6981.495+/-1.871 χ^2/NDF : 684376.9/14

Right Out: 8101.792+/-4.360 χ^2/NDF : 170877.2/3

6924.945+/-1.865 χ^2/NDF : 700726.8/12

Left In: 6661.299+/-2.063 χ^2/NDF : 440651.7/8

diff_bpm4eX_mean vs slug



Right In: 4.602 $\pm$ 5.446 χ^2 /NDF: 2.8/4

Left Out: -0.581 $\pm$ 4.588 χ^2 /NDF: 6.9/9

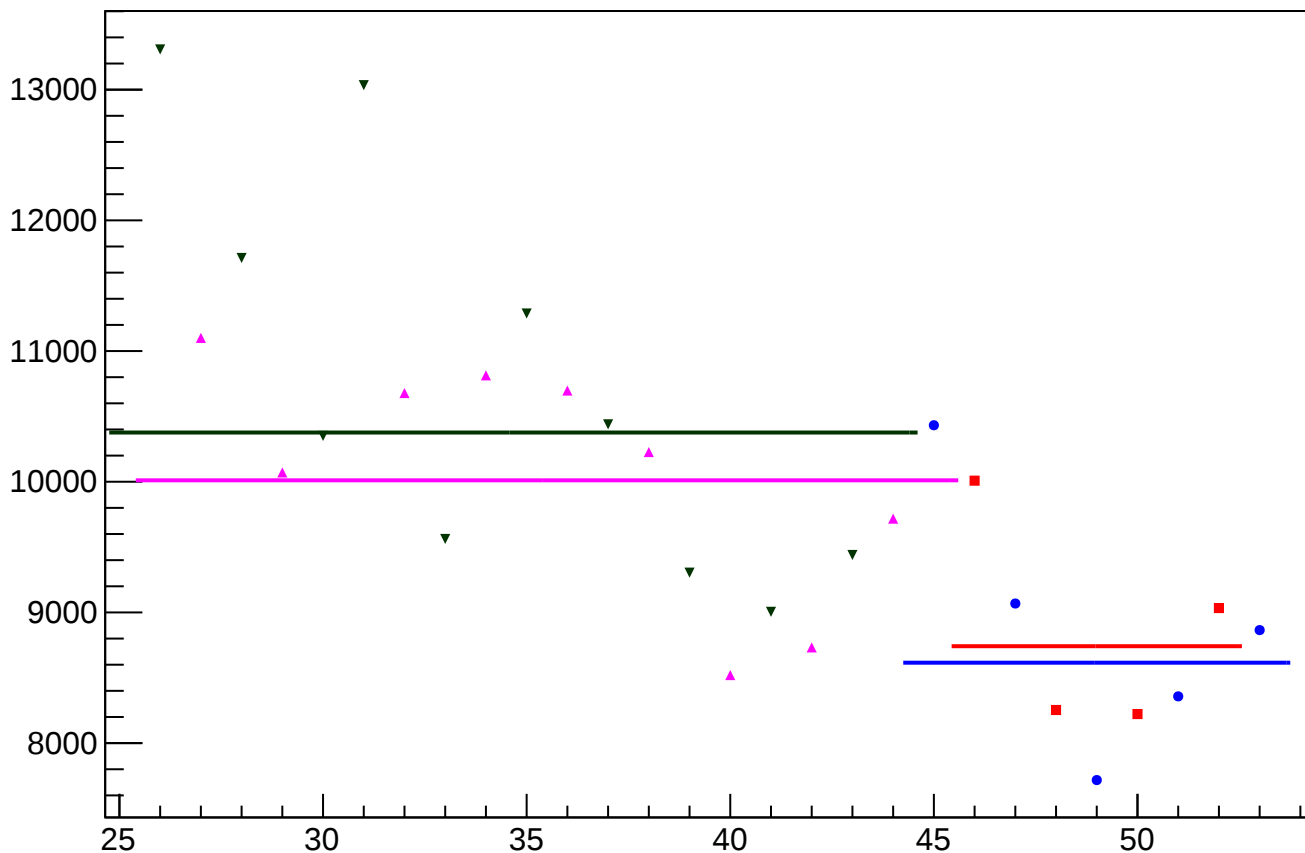
Right Out: -2.162 $\pm$ 6.313 χ^2 /NDF: 4.7/3

Left In: 8.023 $\pm$ 4.241 χ^2 /NDF: 9.6/8

1.571 $\pm$ 3.509 χ^2 /NDF: 10.3/14

4.856 $\pm$ 3.520 χ^2 /NDF: 16.1/12

diff_bpm4eX_rms vs slug



Right In: 8615.390+/-3.851 χ^2/NDF : 65664.8/4

Left Out: 10376.591+/-3.244 χ^2/NDF : 159508.6/9

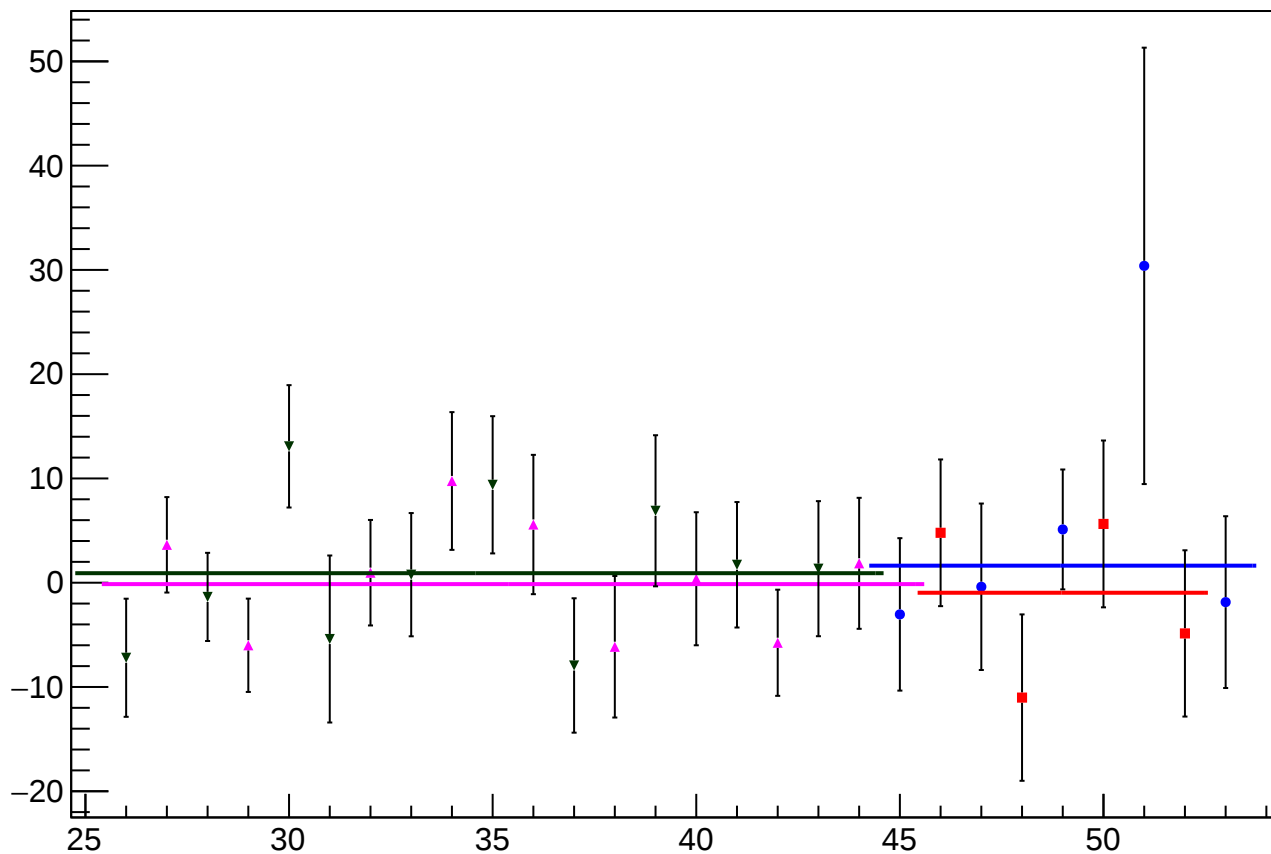
Right Out: 8741.509+/-4.464 χ^2/NDF : 22071.5/3

Left In: 10010.873+/-2.999 χ^2/NDF : 86966.6/8

9645.505+/-2.481 χ^2/NDF : 347509.2/14

9616.118+/-2.489 χ^2/NDF : 164756.4/12

diff_bpm4eY_mean vs slug



Right In: 1.635 ± 3.499 $\chi^2/\text{NDF}: 2.9/4$

Left Out: 0.913 ± 1.896 $\chi^2/\text{NDF}: 11.5/9$

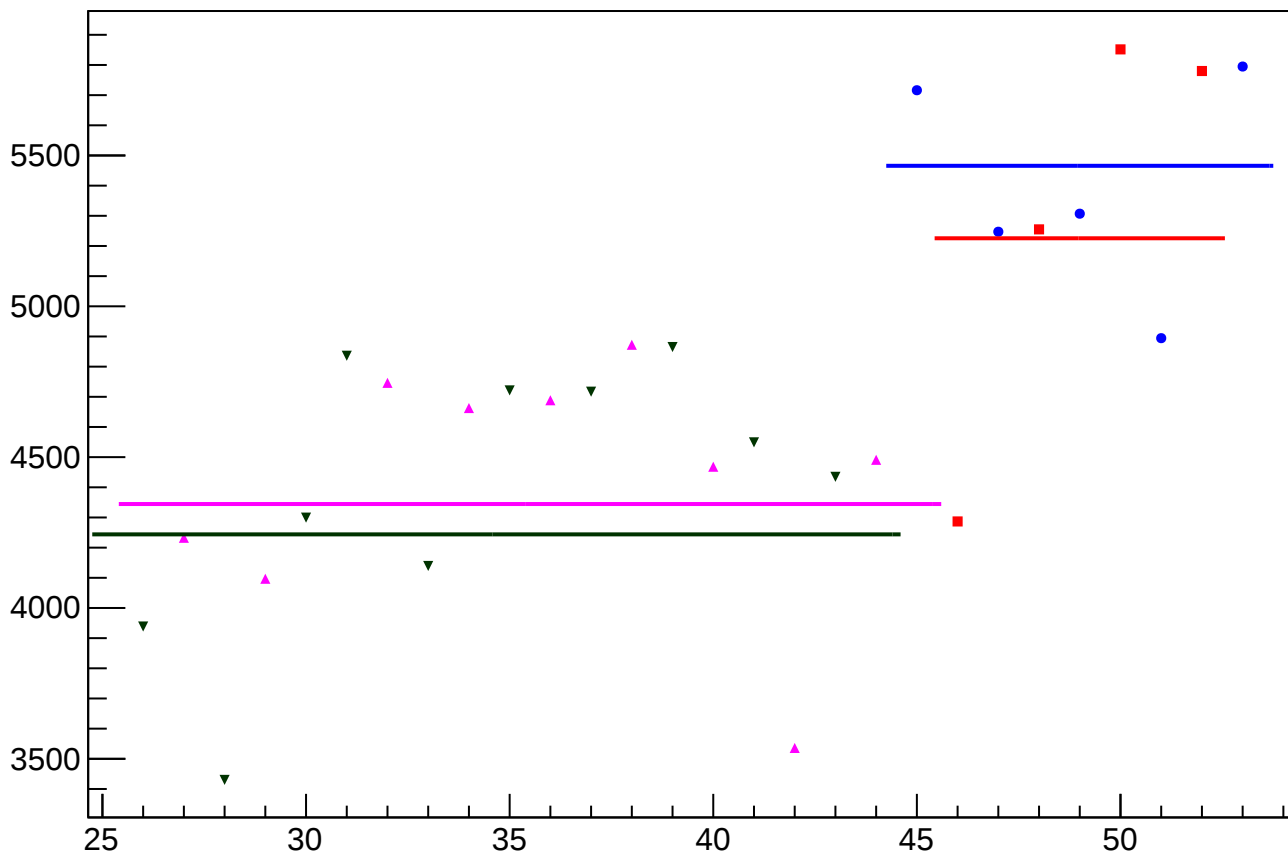
Right Out: -0.963 ± 3.856 $\chi^2/\text{NDF}: 3.2/3$

Left In: -0.134 ± 1.850 $\chi^2/\text{NDF}: 7.5/8$

1.077 ± 1.667 $\chi^2/\text{NDF}: 14.4/14$

-0.289 ± 1.668 $\chi^2/\text{NDF}: 10.7/12$

diff_bpm4eY_rms vs slug



Right In: 5465.772 $\pm$ 2.474 χ^2 /NDF: 10054.7/4

Left Out: 4243.997 $\pm$ 1.341 χ^2 /NDF:134537.2/9

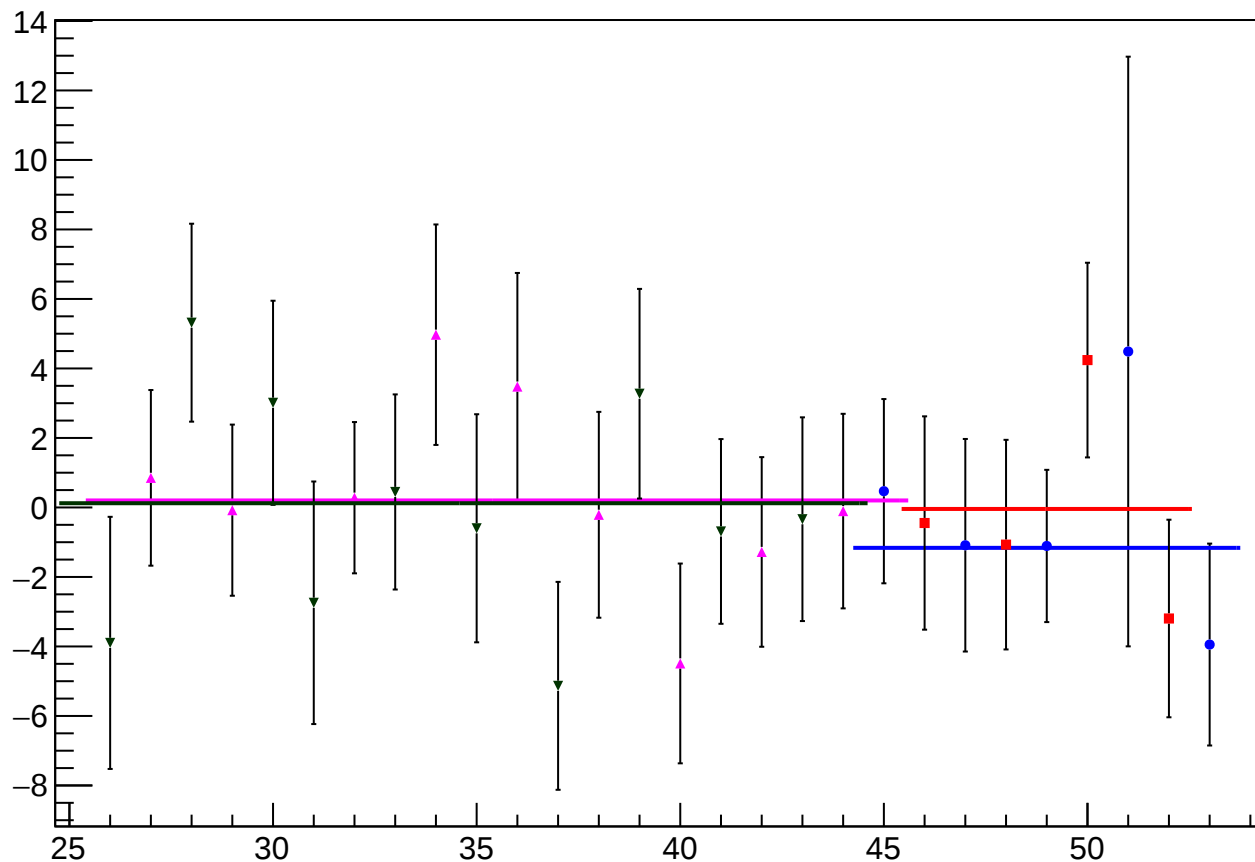
Right Out: 5225.520 $\pm$ 2.726 χ^2 /NDF: 57557.7/3

Left In: 4344.593 $\pm$ 1.308 χ^2 /NDF:94267.5/8

4521.411 $\pm$ 1.179 χ^2 /NDF: 333069.0/14

4509.414 $\pm$ 1.179 χ^2 /NDF: 236689.0/12

diff_bpm4acX_mean vs slug



Right In: -1.162 ± 1.302 χ^2/NDF : 1.7/4

Left Out: 0.122 ± 0.955 χ^2/NDF : 10.6/9

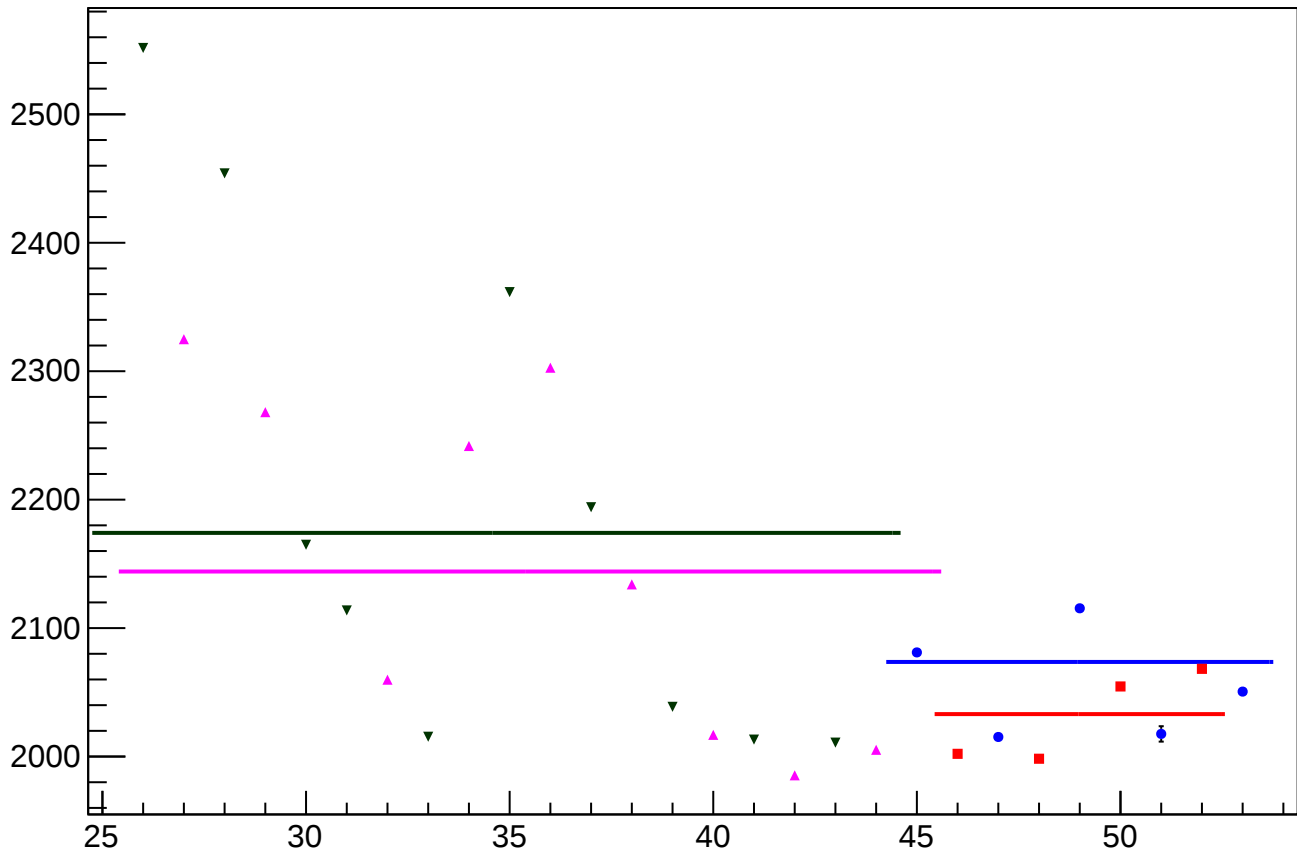
Right Out: -0.043 ± 1.463 χ^2/NDF : 3.7/3

Left In: 0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.327 ± 0.770 χ^2/NDF : 12.9/14

0.134 ± 0.769 χ^2/NDF : 10.1/12

diff_bpm4acX_rms vs slug



Right In: 2073.653+/-0.921 χ^2/NDF : 1685.9/4

Left Out: 2174.130+/-0.675 χ^2/NDF : 72174.6/9

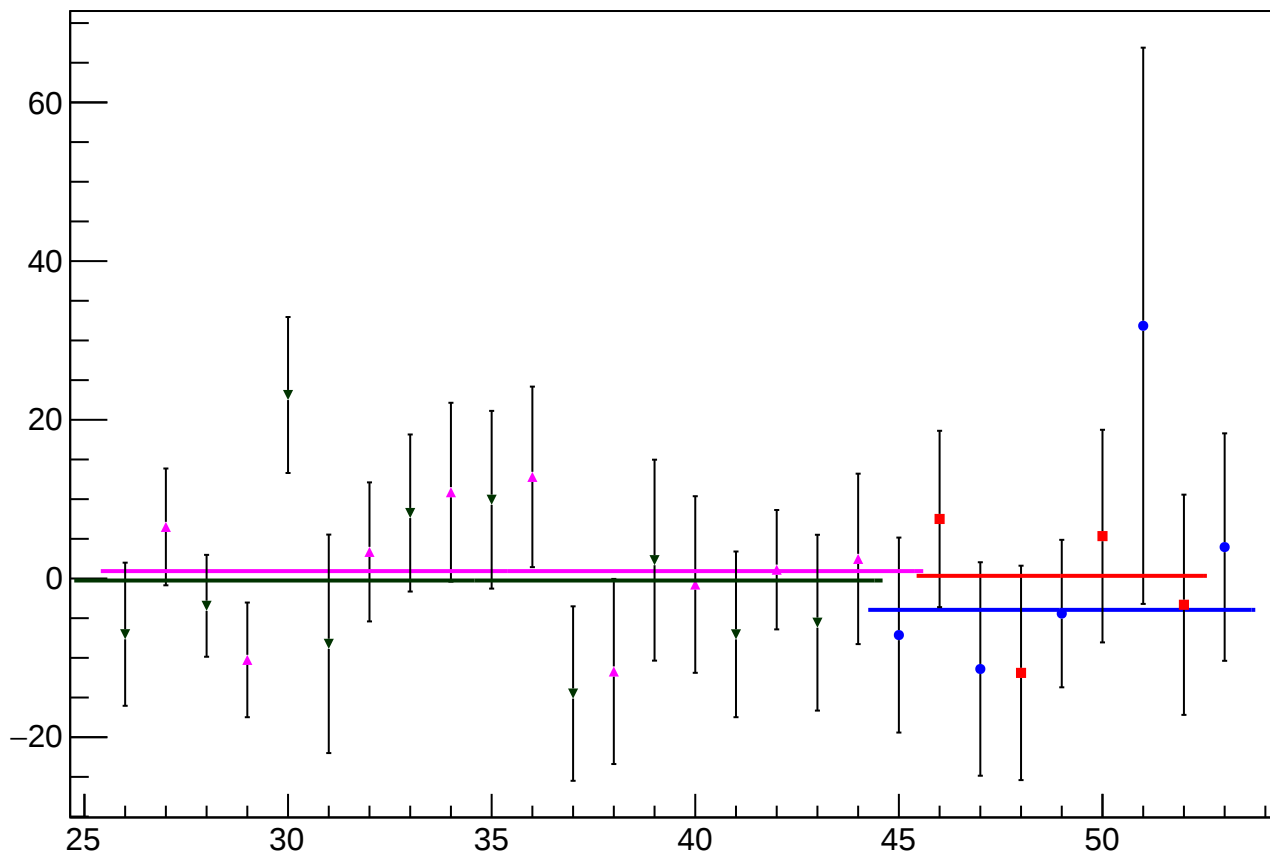
2138.984+/-0.544 χ^2/NDF : 81605.5/14

Right Out: 2033.044+/-1.034 χ^2/NDF : 893.8/3

2113.352+/-0.544 χ^2/NDF : 49764.2/12

Left In: 2144.053+/-0.640 χ^2/NDF : 40538.6/8

diff_bpm4acY_mean vs slug



Right In: -3.951 ± 5.831 χ^2/NDF : 1.7/4

Left Out: -0.253 ± 3.128 χ^2/NDF : 10.7/9

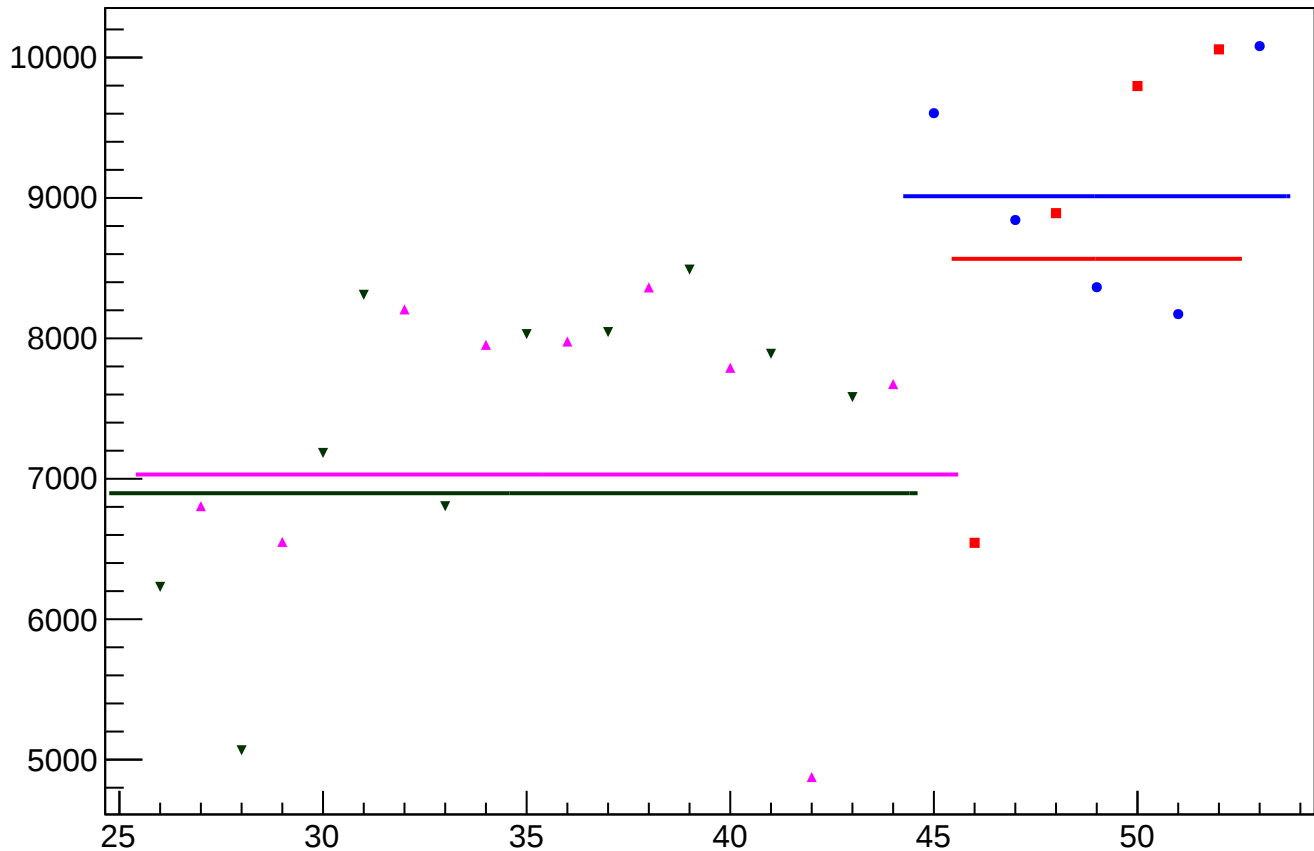
Right Out: 0.336 ± 6.409 χ^2/NDF : 1.4/3

Left In: 0.933 ± 3.043 χ^2/NDF : 6.1/8

-1.080 ± 2.756 χ^2/NDF : 12.8/14

0.823 ± 2.749 χ^2/NDF : 7.6/12

diff_bpm4acY_rms vs slug



Right In: 9012.224 +/- 4.123 χ^2/NDF : 26948.7/4

Left Out: 6897.291 +/- 2.212 χ^2/NDF : 296077.9/9

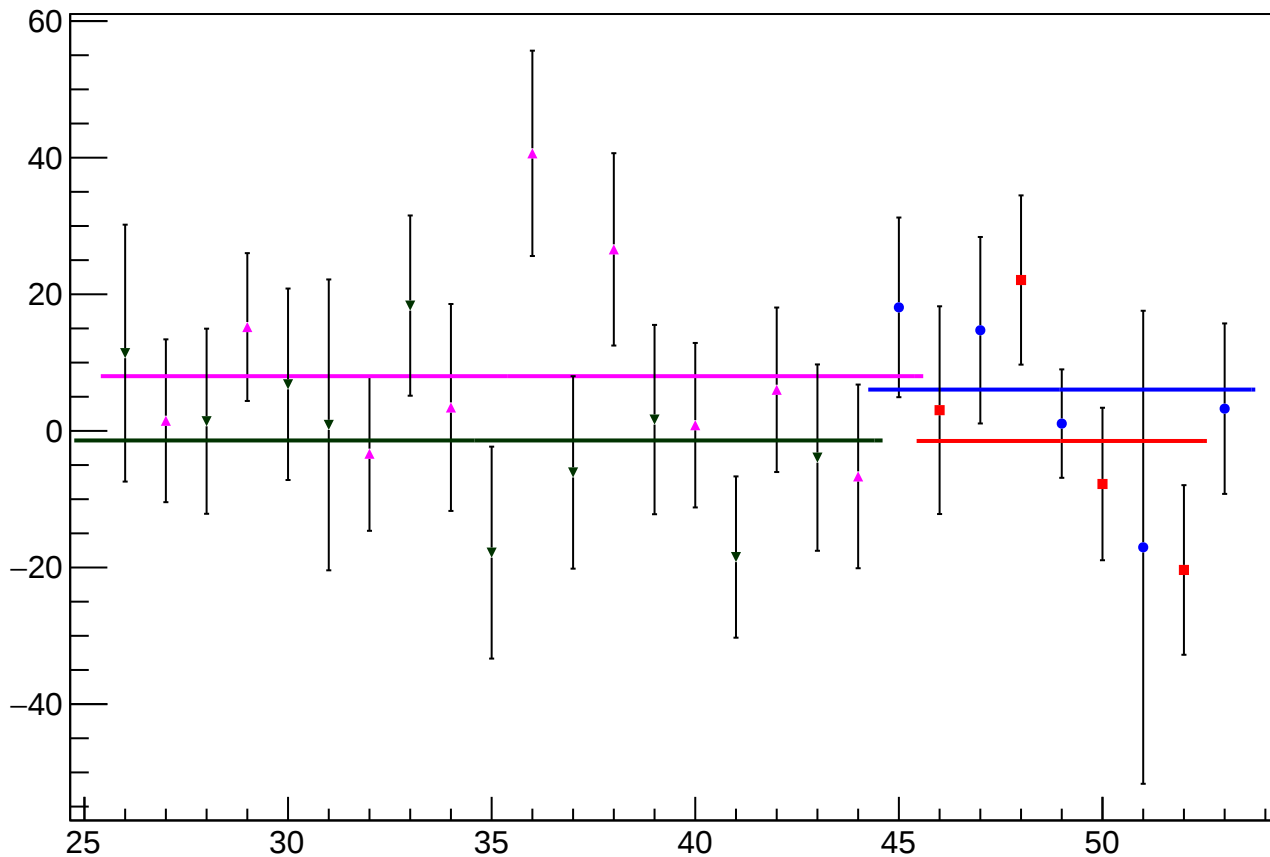
Right Out: 8566.467 +/- 4.532 χ^2/NDF : 107399.7/3

Left In: 7030.553 +/- 2.152 χ^2/NDF : 280714.3/8

7369.937 +/- 1.949 χ^2/NDF : 527344.0/14

7313.034 +/- 1.944 χ^2/NDF : 481839.1/12

diff_bpm4ecX_mean vs slug



Right In: 6.049 ± 5.402 χ^2/NDF : 2.1/4

Left Out: -1.399 ± 4.552 χ^2/NDF : 6.5/9

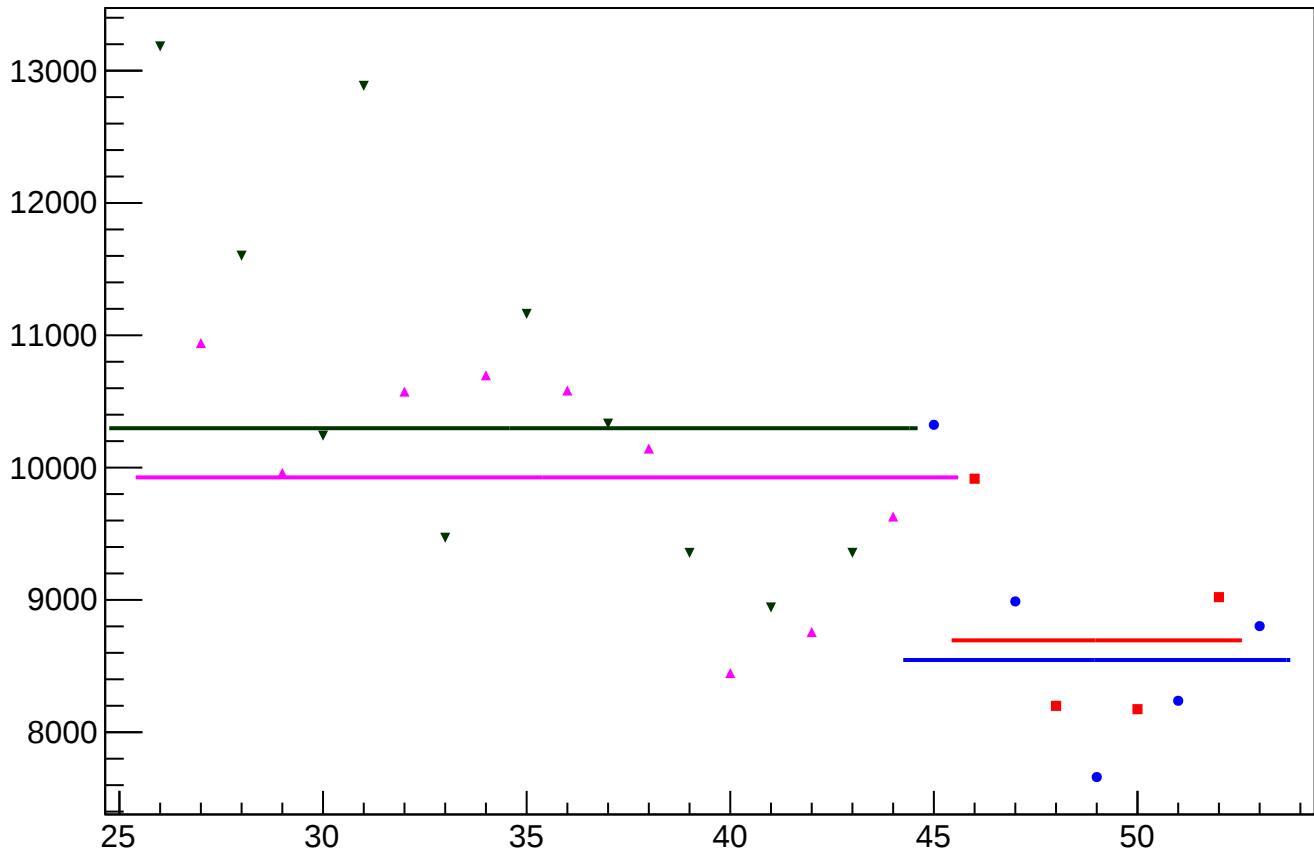
Right Out: -1.475 ± 6.281 χ^2/NDF : 6.3/3

Left In: 8.013 ± 4.204 χ^2/NDF : 9.9/8

1.694 ± 3.481 χ^2/NDF : 9.7/14

5.077 ± 3.494 χ^2/NDF : 17.8/12

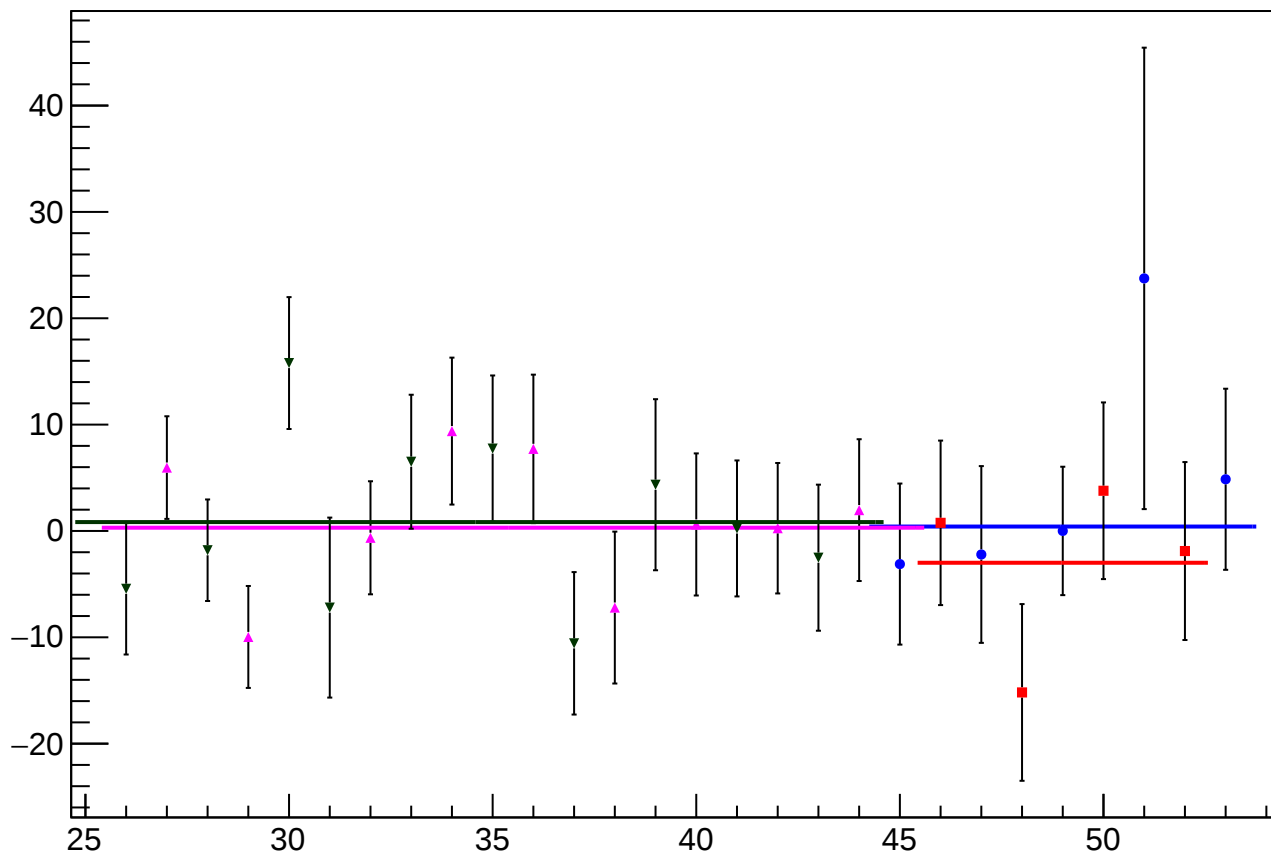
diff_bpm4ecX_rms vs slug



Right In: 8545.948+/-3.819 χ^2/NDF : 64489.8/4
 Left Out: 10297.699+/-3.219 χ^2/NDF :154377.9/9
 Right Out: 8694.478+/-4.441 χ^2/NDF : 21826.1/3
 Left In: 9926.075+/-2.973 χ^2/NDF :80597.8/8

9570.236+/-2.461 χ^2/NDF : 341863.9/14
 9544.999+/-2.470 χ^2/NDF : 155533.7/12

diff_bpm4ecY_mean vs slug



Right In: 0.415 ± 3.645 χ^2/NDF : 1.8/4

Left Out: 0.835 ± 2.042 χ^2/NDF : 13.2/9

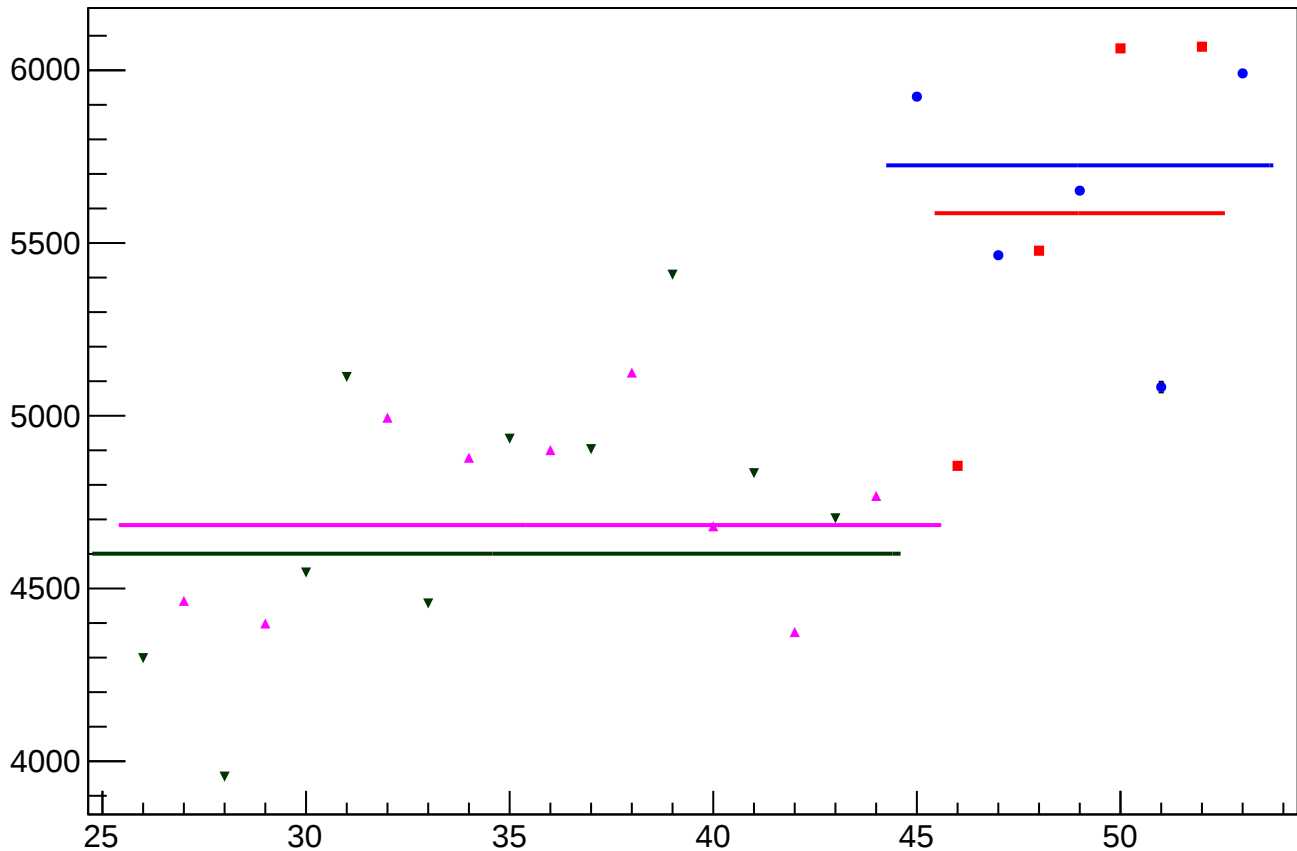
Right Out: -2.990 ± 4.083 χ^2/NDF : 3.1/3

Left In: 0.306 ± 1.982 χ^2/NDF : 10.0/8

0.735 ± 1.781 χ^2/NDF : 15.0/14

-0.323 ± 1.783 χ^2/NDF : 13.6/12

diff_bpm4ecY_rms vs slug



Right In: 5724.837+/-2.577 χ^2/NDF : 7338.4/4

Left Out: 4600.808+/-1.444 χ^2/NDF :81875.8/9

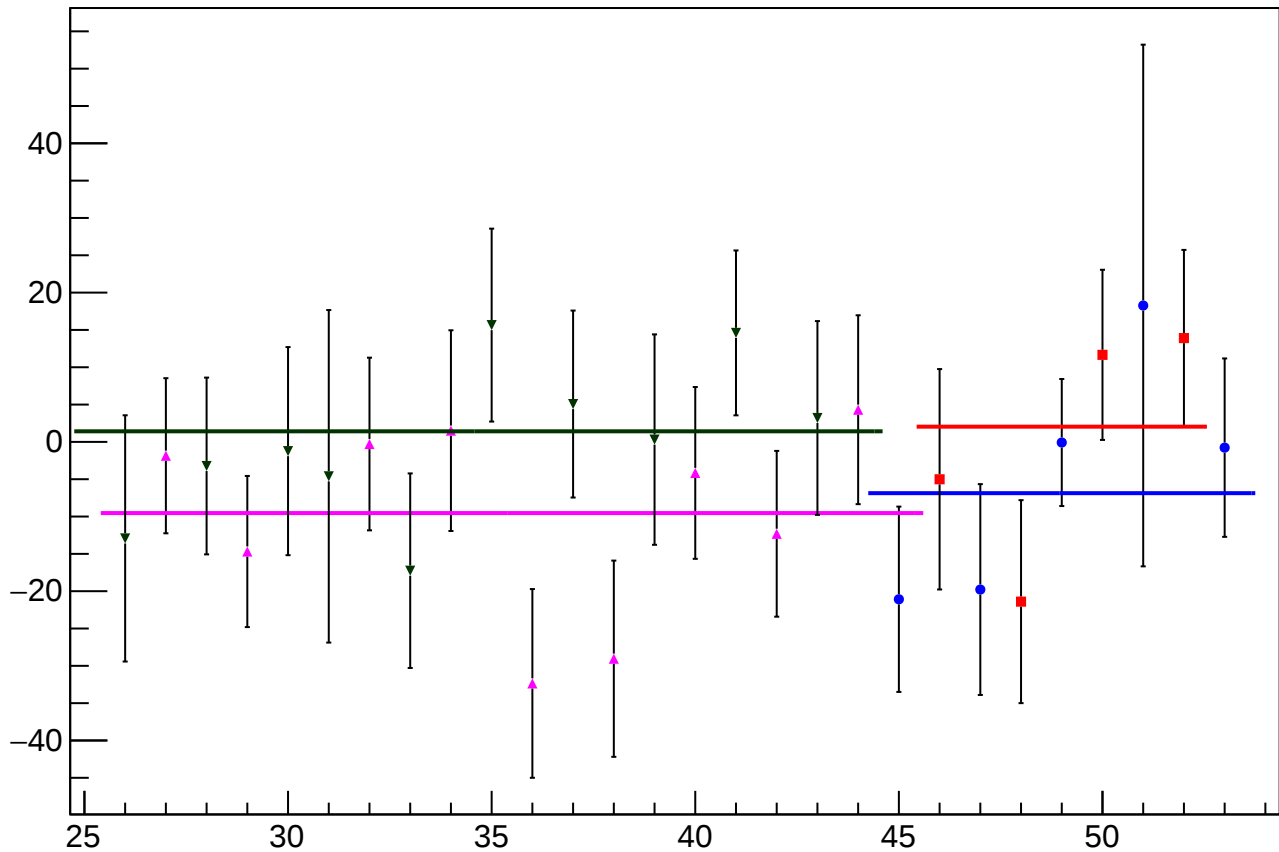
4869.328+/-1.260 χ^2/NDF : 233980.4/14

Right Out: 5586.329+/-2.887 χ^2/NDF : 31458.3/3

4855.775+/-1.261 χ^2/NDF : 145207.2/12

Left In: 4683.543+/-1.402 χ^2/NDF :34622.6/8

diff_bpm1X_mean vs slug



Right In: -6.868 $\pm$ 5.493 χ^2 /NDF: 3.6/4

Left Out: 1.417 $\pm$ 4.249 χ^2 /NDF: 5.8/9

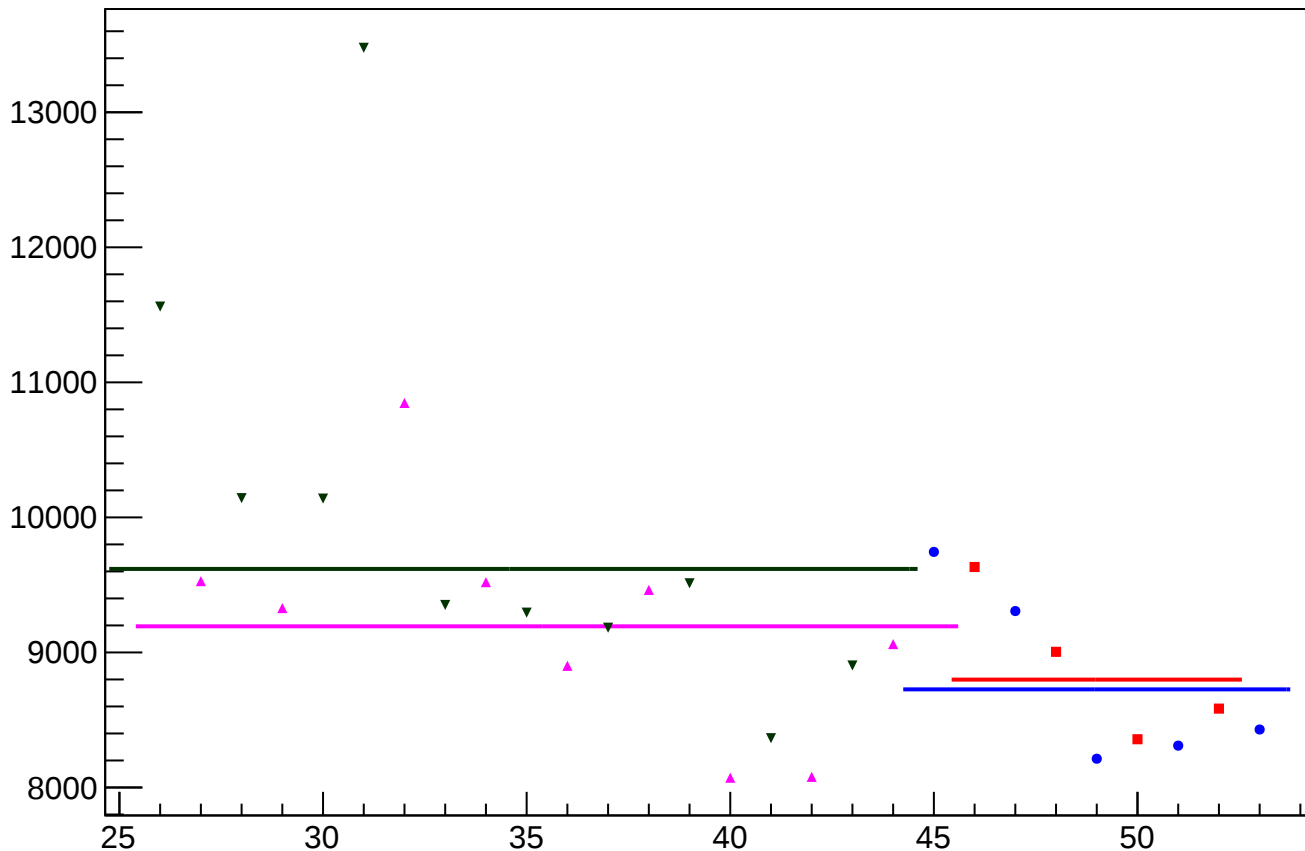
Right Out: 2.041 $\pm$ 6.342 χ^2 /NDF: 4.9/3

Left In: -9.535 $\pm$ 3.893 χ^2 /NDF: 9.1/8

-1.684 $\pm$ 3.361 χ^2 /NDF: 10.8/14

-6.367 $\pm$ 3.318 χ^2 /NDF: 16.4/12

diff_bpm1X_rms vs slug



Right In: 8726.531+/-3.884 χ^2/NDF : 25630.4/4

Left Out: 9618.418+/-3.005 χ^2/NDF :130935.9/9

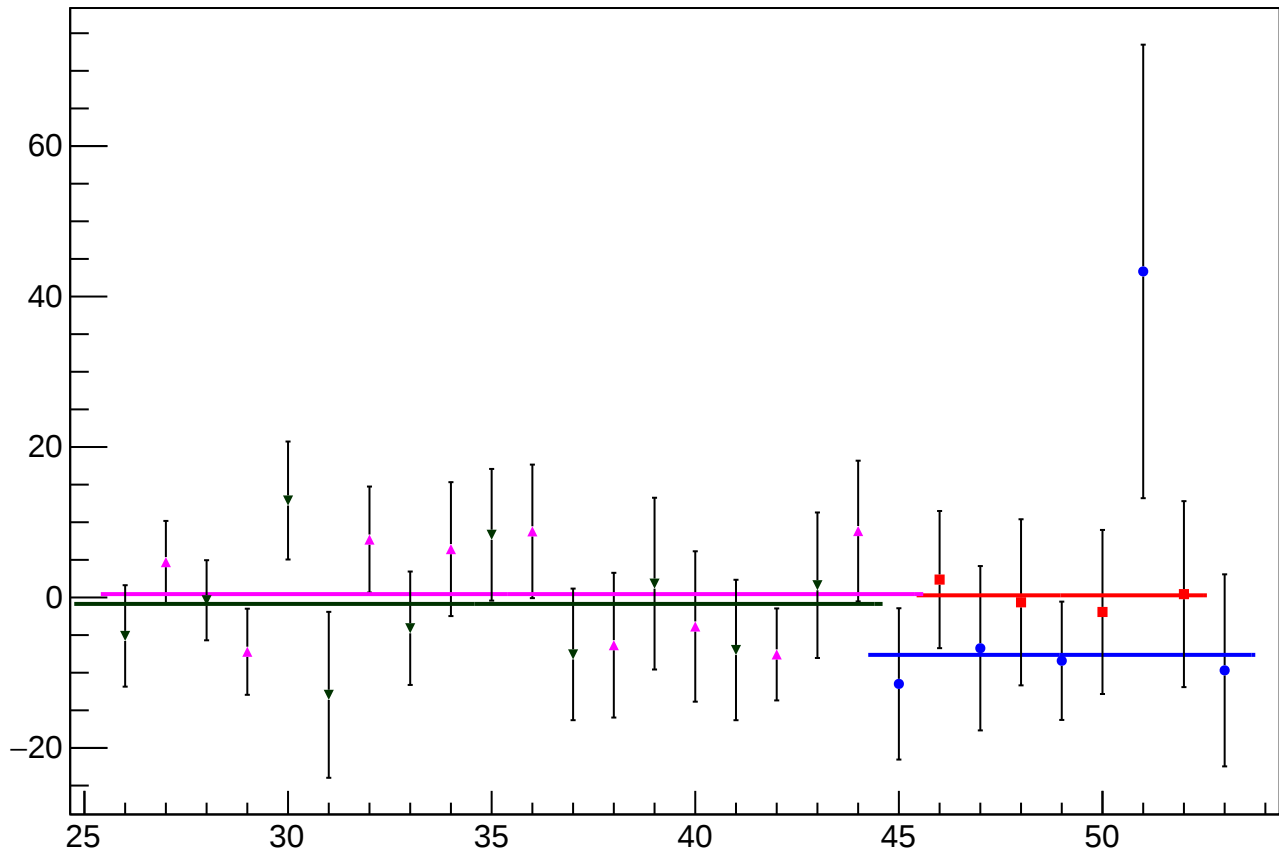
Right Out: 8798.800+/-4.485 χ^2/NDF : 10498.9/3

Left In: 9193.401+/-2.753 χ^2/NDF :85779.3/8

9284.563+/-2.377 χ^2/NDF : 189551.1/14

9085.407+/-2.346 χ^2/NDF : 101901.8/12

diff_bpm1Y_mean vs slug



Right In: -7.629 ± 4.898 χ^2/NDF : 3.0/4

Left Out: -0.856 ± 2.537 χ^2/NDF : 7.1/9

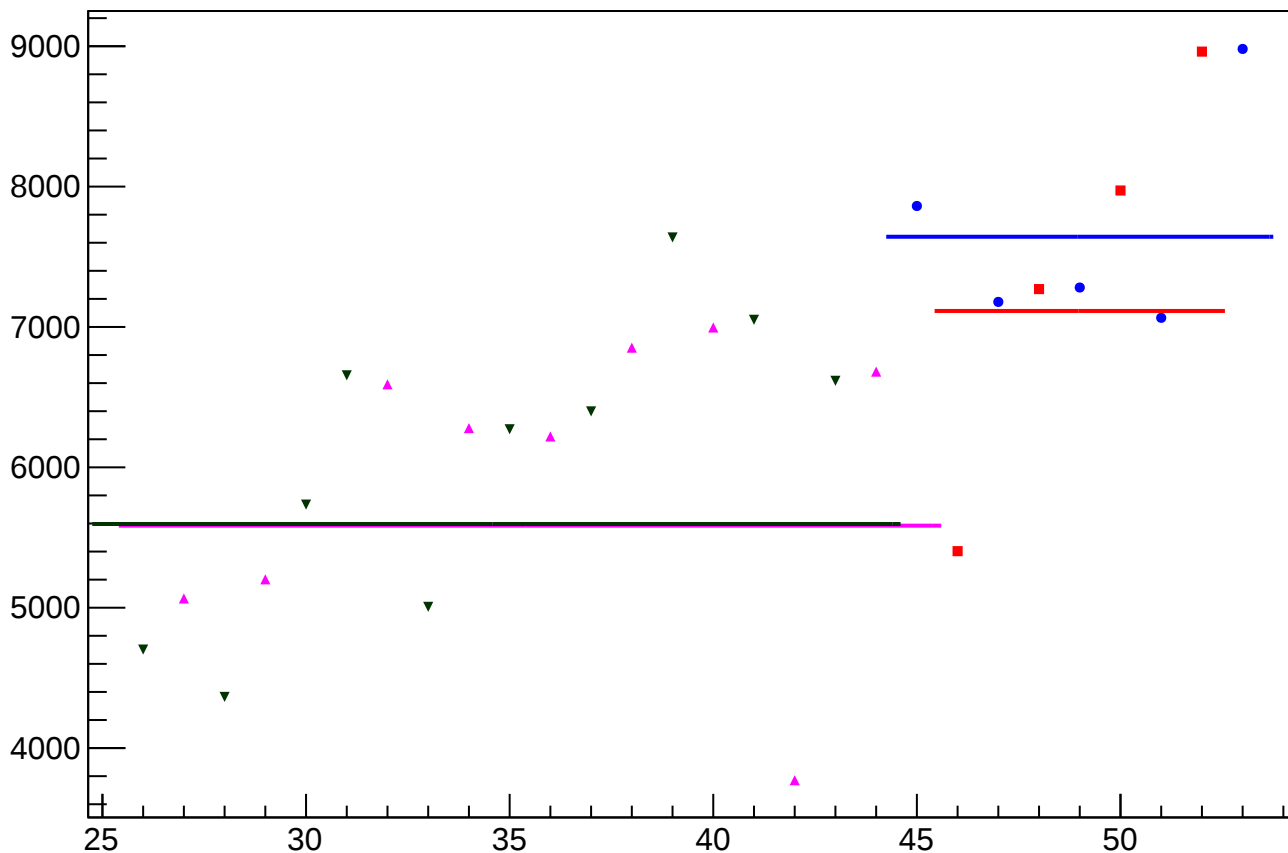
Right Out: 0.286 ± 5.330 χ^2/NDF : 0.1/3

Left In: 0.448 ± 2.437 χ^2/NDF : 8.0/8

-2.289 ± 2.253 χ^2/NDF : 11.7/14

0.420 ± 2.217 χ^2/NDF : 8.1/12

diff_bpm1Y_rms vs slug



Right In: 7642.712 $\pm$ 3.463 χ^2 /NDF: 31505.7/4

Left Out: 5596.473 $\pm$ 1.794 χ^2 /NDF: 337129.9/9

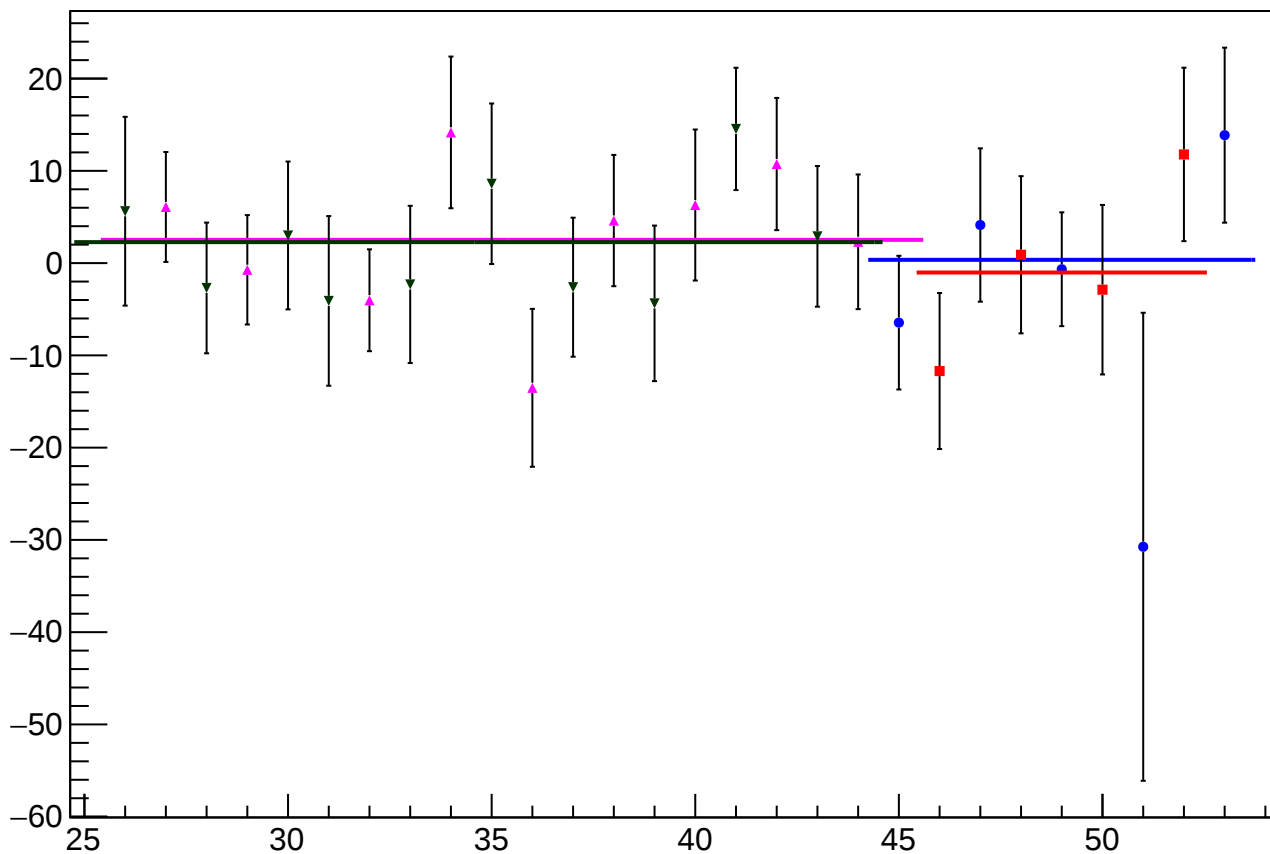
Right Out: 7114.059 $\pm$ 3.769 χ^2 /NDF: 127943.9/3

Left In: 5584.691 $\pm$ 1.723 χ^2 /NDF: 368292.2/8

6029.368 $\pm$ 1.593 χ^2 /NDF: 643861.7/14

5849.153 $\pm$ 1.567 χ^2 /NDF: 632410.4/12

diff_bpm11X_mean vs slug



Right In: 0.356 ± 3.714 χ^2/NDF : 4.7/4

Left Out: 2.274 ± 2.536 χ^2/NDF : 6.4/9

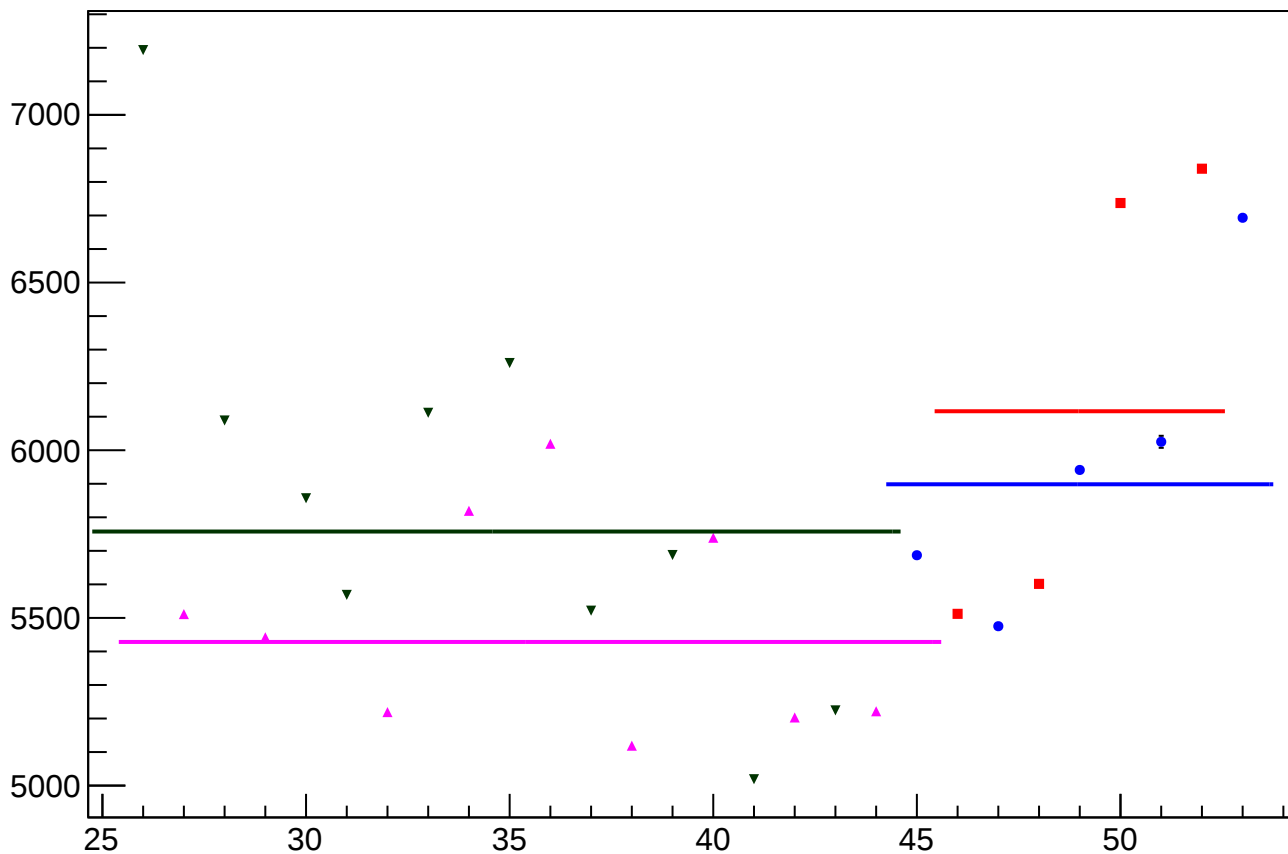
Right Out: -1.020 ± 4.431 χ^2/NDF : 3.5/3

Left In: 2.523 ± 2.289 χ^2/NDF : 9.2/8

1.664 ± 2.094 χ^2/NDF : 11.2/14

1.777 ± 2.034 χ^2/NDF : 13.2/12

diff_bpm11X_rms vs slug



Right In: 5898.471+/-2.626 χ^2/NDF : 21084.0/4

Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

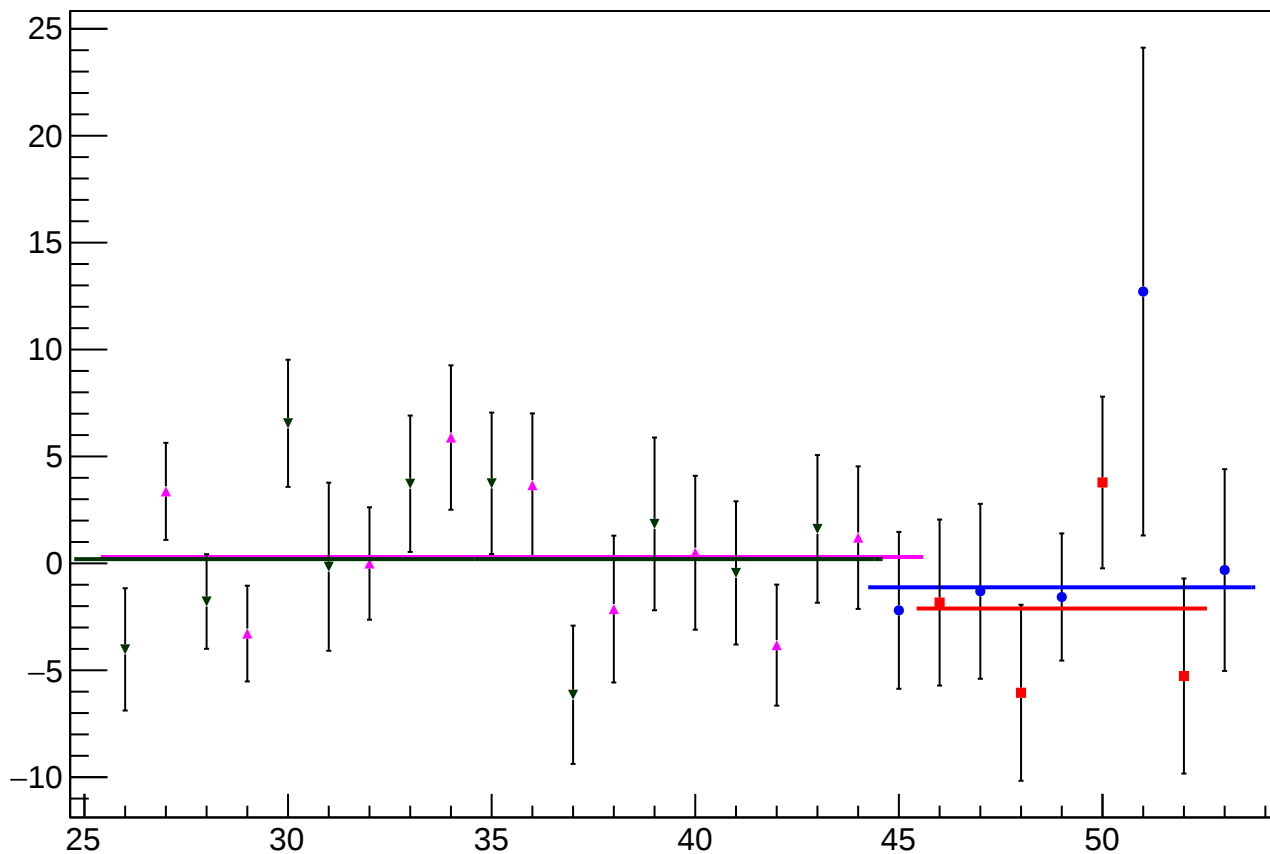
Right Out: 6116.260+/-3.133 χ^2/NDF : 38481.7/3

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5802.380+/-1.481 χ^2/NDF : 114804.0/14

5573.226+/-1.438 χ^2/NDF : 104114.7/12

diff_bpm11Y_mean vs slug



Right In: -1.120 ± 1.827 χ^2/NDF : 1.6/4

Left Out: 0.198 ± 0.988 χ^2/NDF : 14.1/9

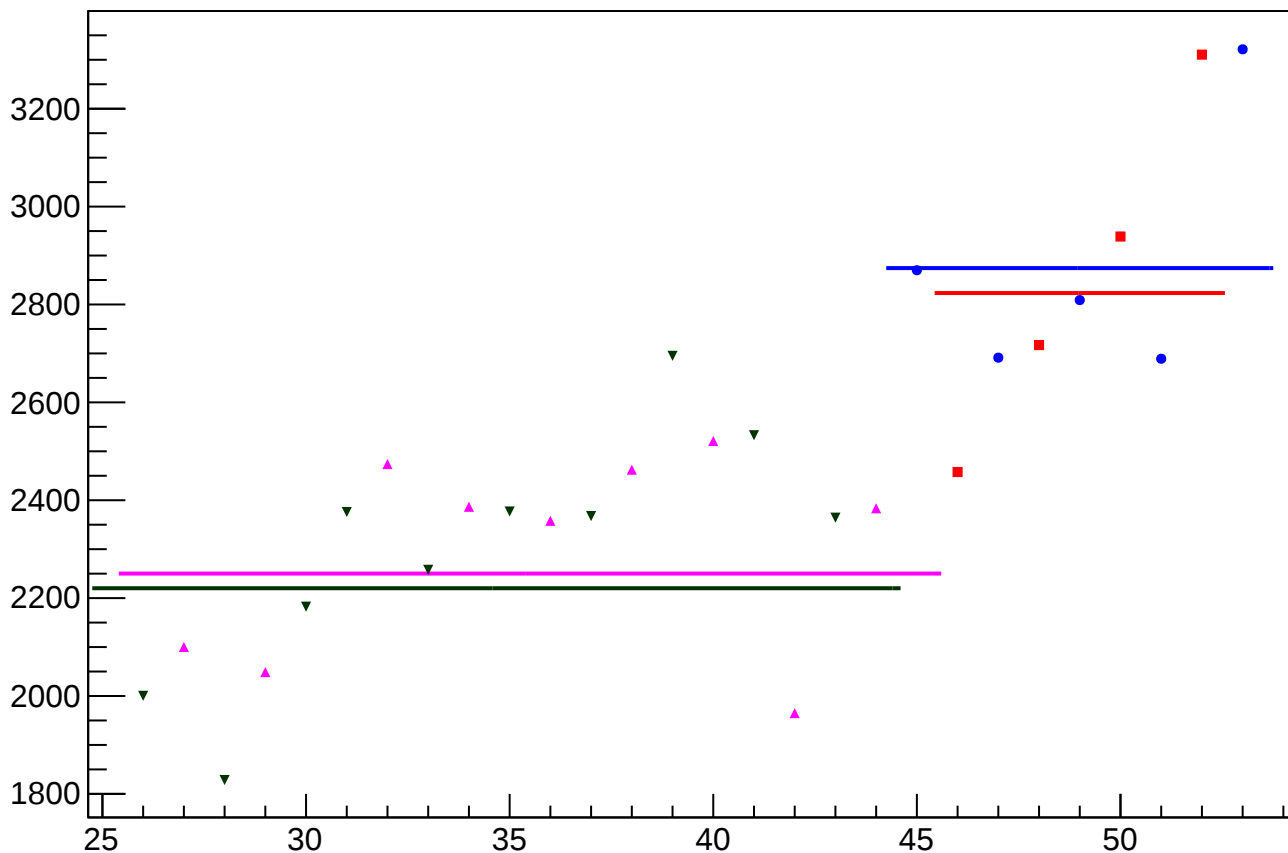
Right Out: -2.111 ± 2.061 χ^2/NDF : 3.6/3

Left In: 0.299 ± 0.957 χ^2/NDF : 10.8/8

-0.101 ± 0.869 χ^2/NDF : 16.2/14

-0.129 ± 0.868 χ^2/NDF : 15.5/12

diff_bpm11Y_rms vs slug



Right In: 2874.368+/-1.292 χ^2/NDF : 23449.7/4

Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

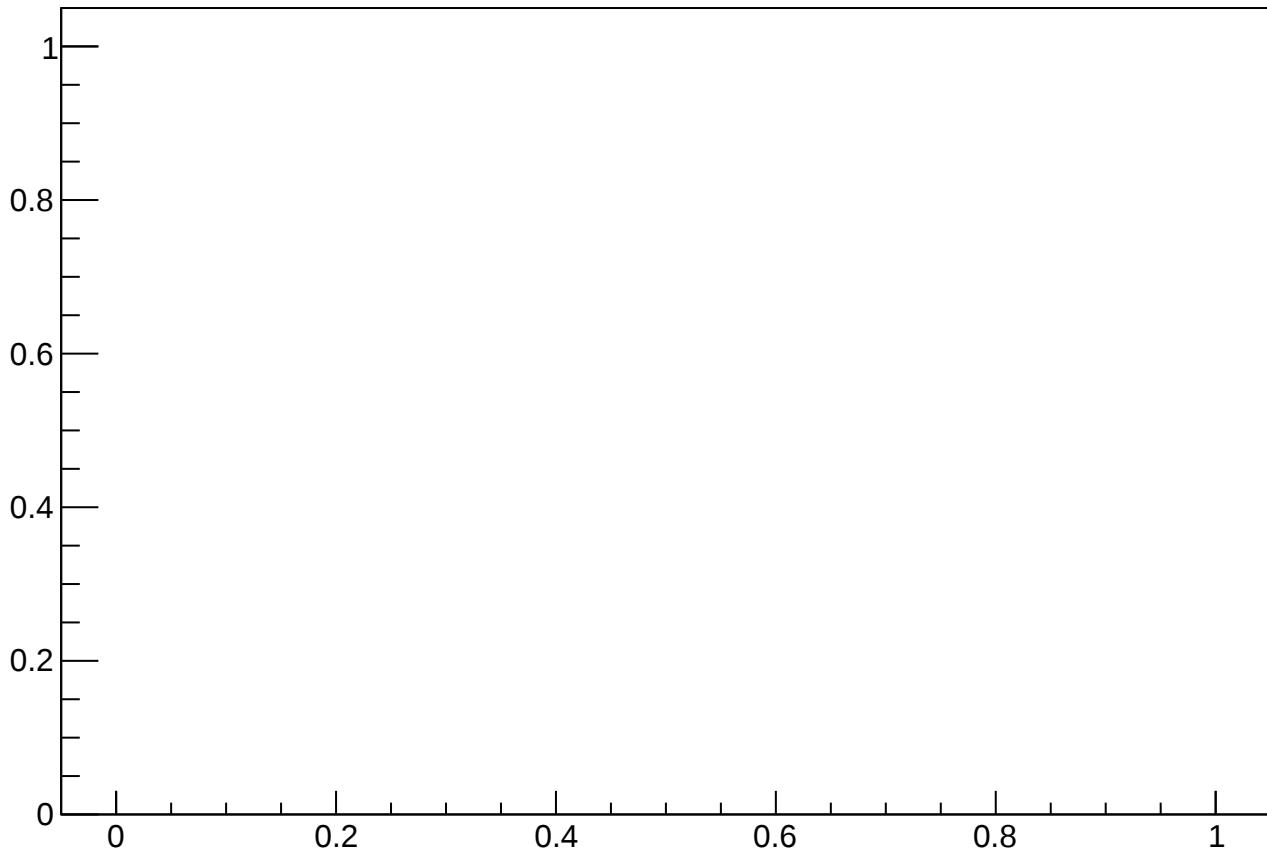
Right Out: 2823.409+/-1.457 χ^2/NDF : 43527.5/3

Left In: 2250.180+/-0.677 χ^2/NDF :87193.5/8

2368.306+/-0.615 χ^2/NDF : 357408.8/14

2351.880+/-0.614 χ^2/NDF : 257986.2/12

diff_bpm14X_mean vs slug



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

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

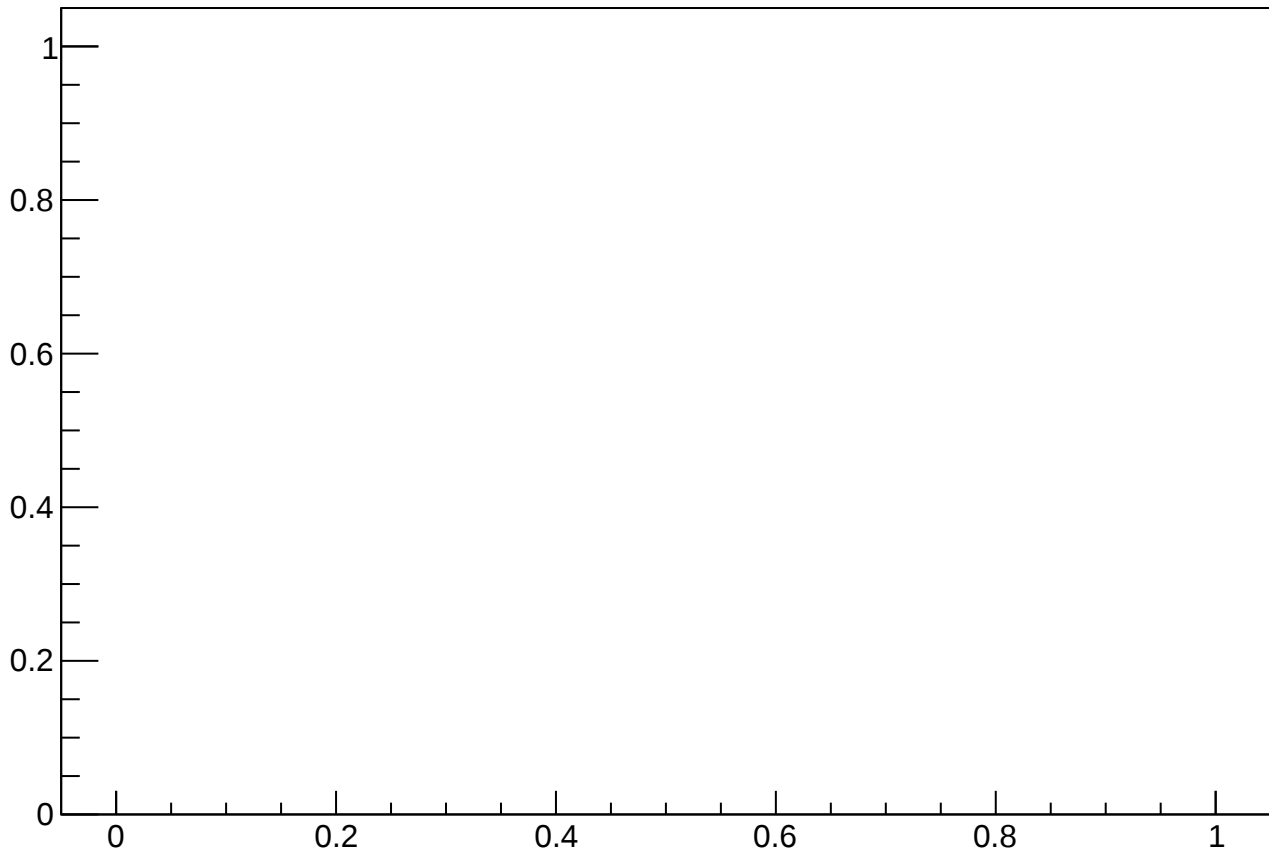
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

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

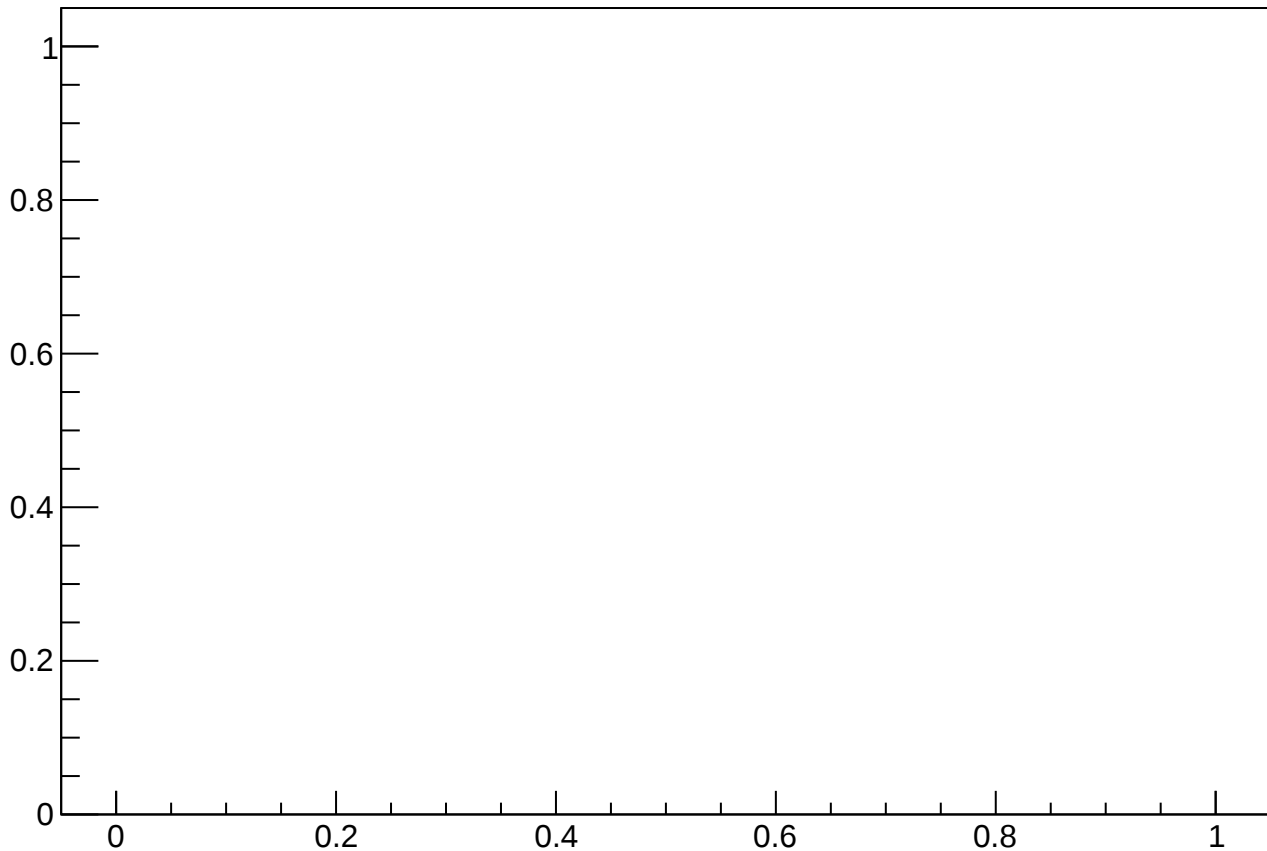
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

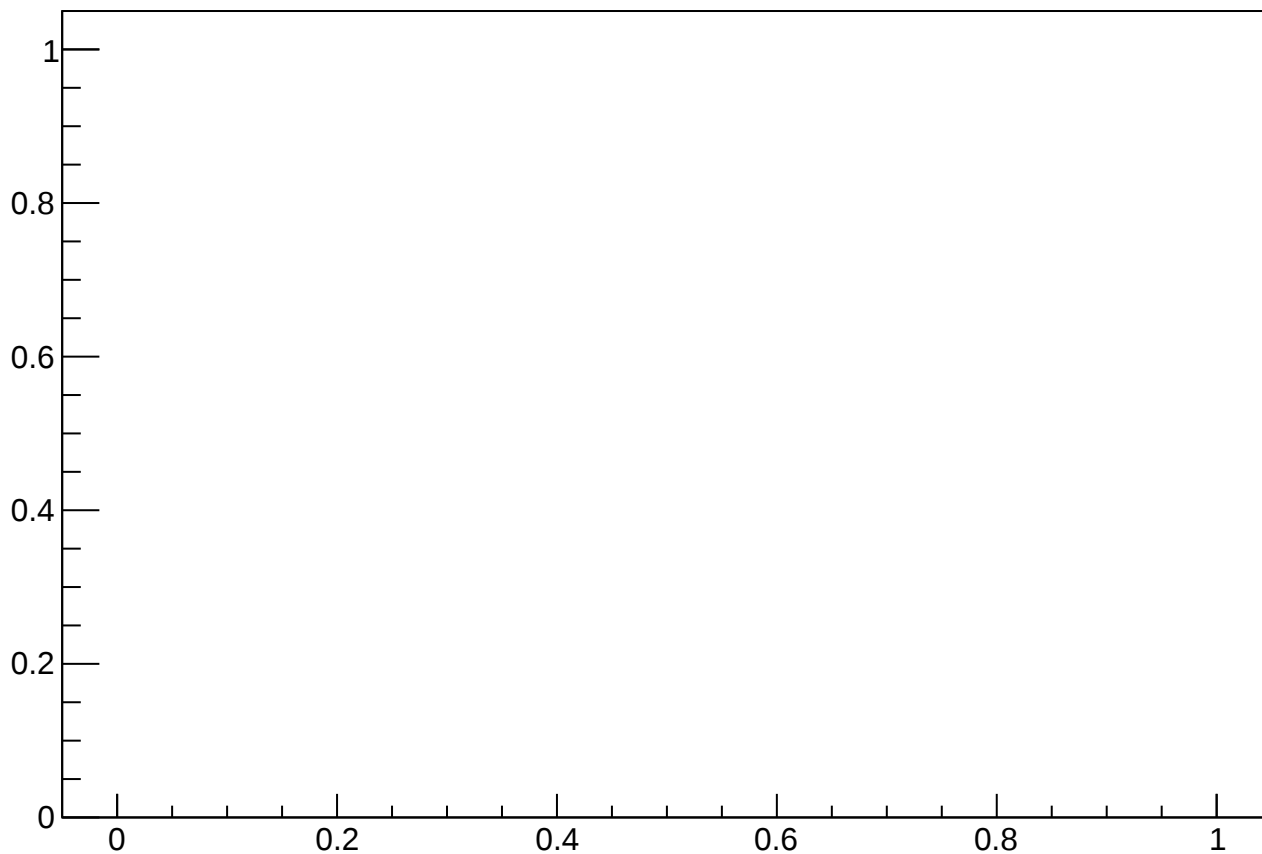
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

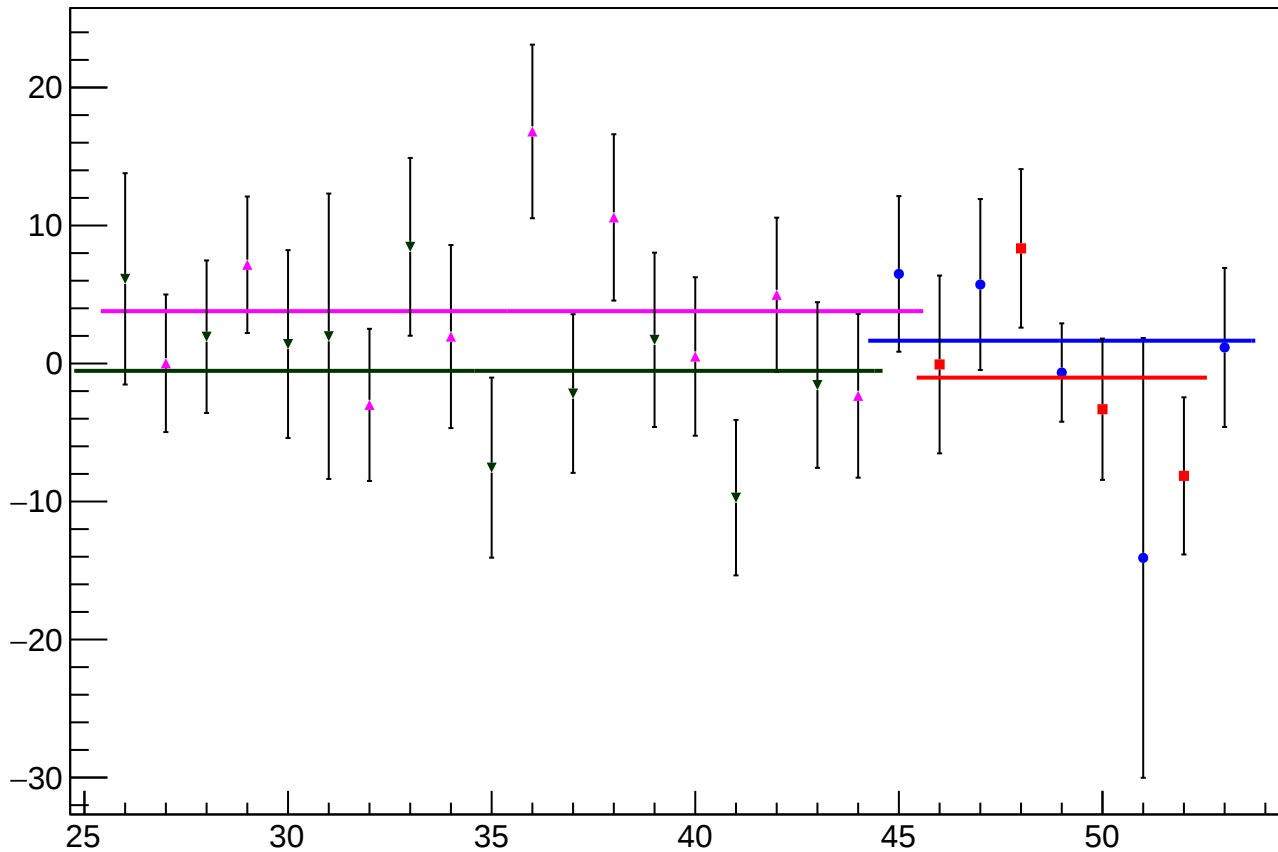
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.652 ± 2.423 χ^2/NDF : 2.6/4

Left Out: -0.532 ± 2.029 χ^2/NDF : 7.1/9

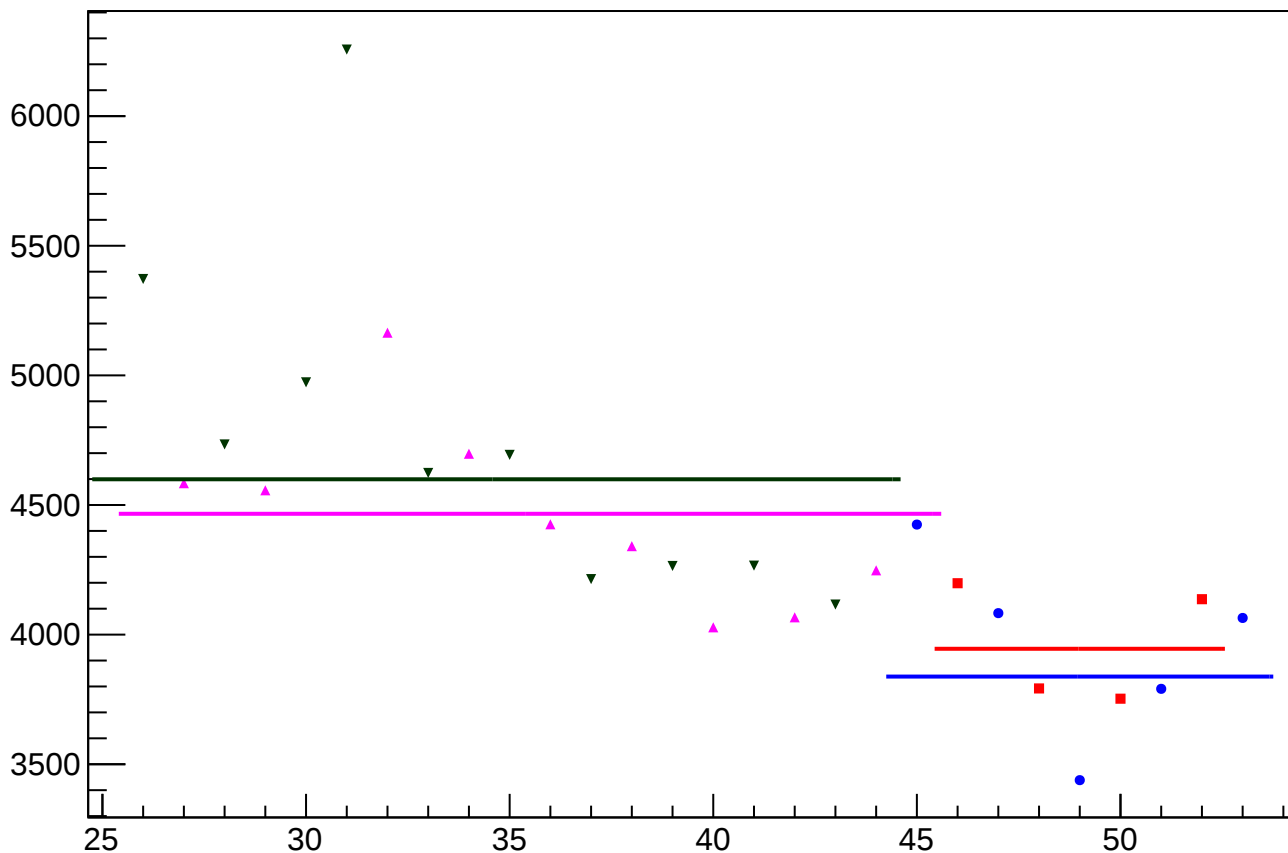
Right Out: -1.022 ± 2.846 χ^2/NDF : 4.4/3

Left In: 3.795 ± 1.889 χ^2/NDF : 9.6/8

0.368 ± 1.556 χ^2/NDF : 10.1/14

2.322 ± 1.574 χ^2/NDF : 16.1/12

diff_bpm16X_rms vs slug



Right In: 3838.189+/-1.713 χ^2/NDF : 52988.1/4

Left Out: 4599.203+/-1.435 χ^2/NDF : 113974.5/9

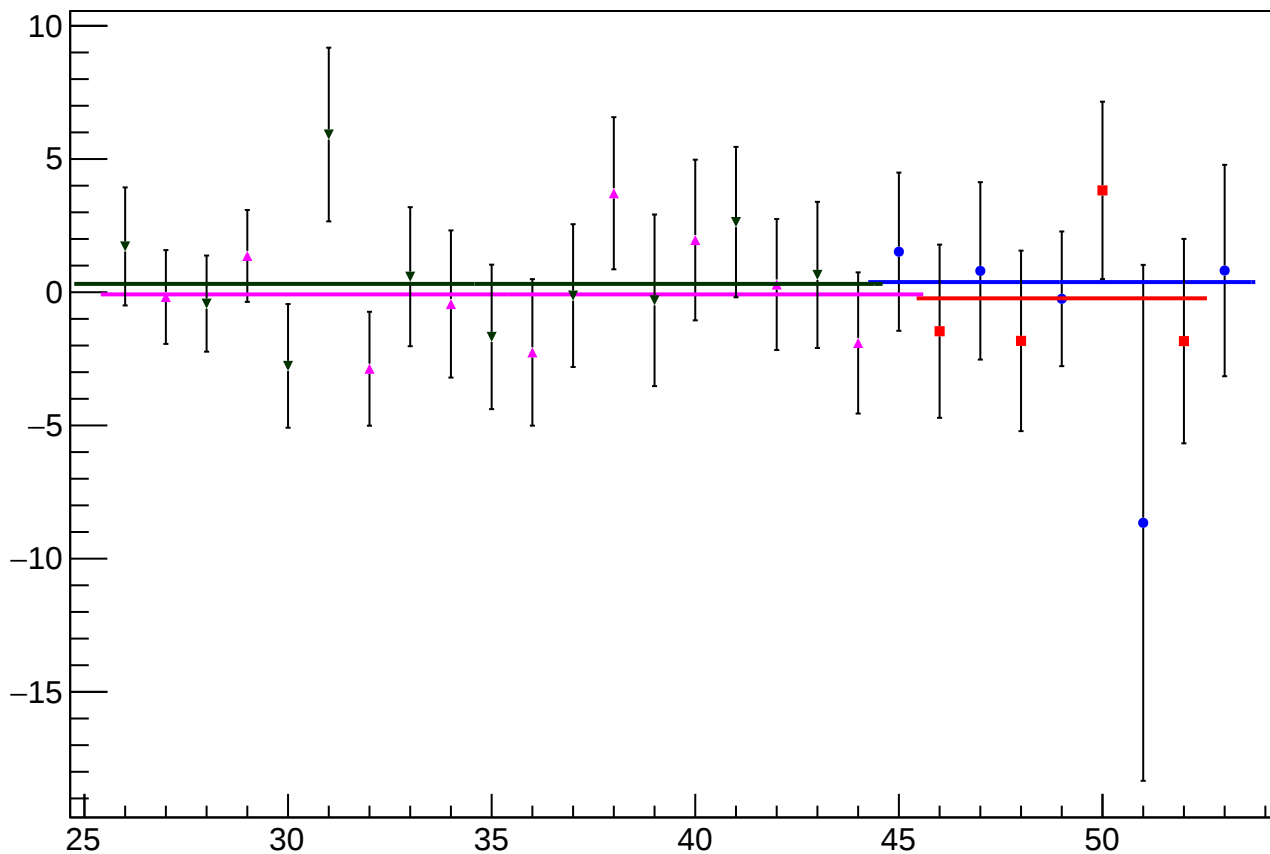
Right Out: 3945.381+/-2.013 χ^2/NDF : 9587.5/3

Left In: 4466.079+/-1.336 χ^2/NDF : 61840.0/8

4285.589+/-1.100 χ^2/NDF : 282931.7/14

4306.899+/-1.113 χ^2/NDF : 117896.7/12

diff_bpm16Y_mean vs slug



Right In: 0.381 ± 1.517 χ^2/NDF : 1.1/4

Left Out: 0.314 ± 0.799 χ^2/NDF : 6.6/9

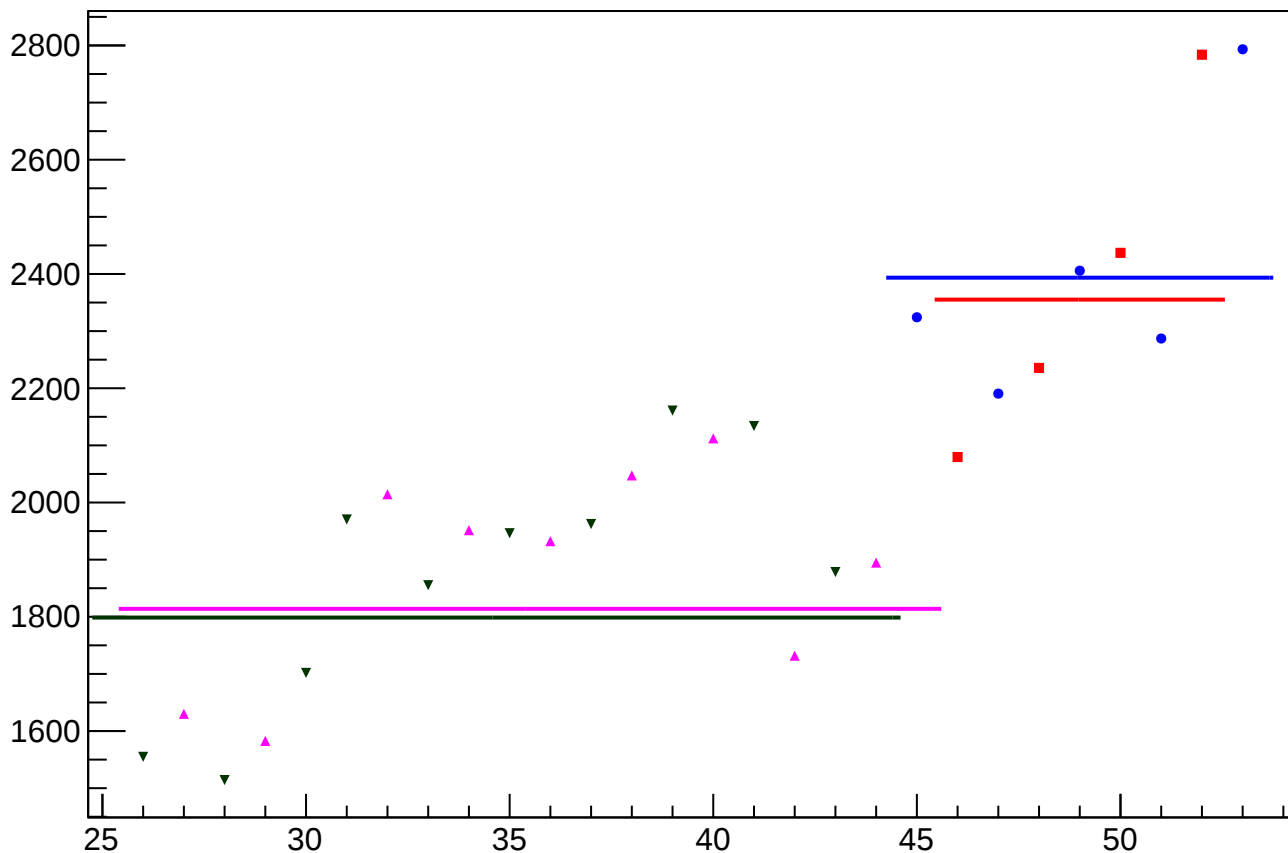
Right Out: -0.228 ± 1.715 χ^2/NDF : 2.0/3

Left In: -0.081 ± 0.771 χ^2/NDF : 5.8/8

0.328 ± 0.707 χ^2/NDF : 7.7/14

-0.106 ± 0.703 χ^2/NDF : 7.8/12

diff_bpm16Y_rms vs slug



Right In: 2393.539+/-1.073 χ^2/NDF : 29111.1/4

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

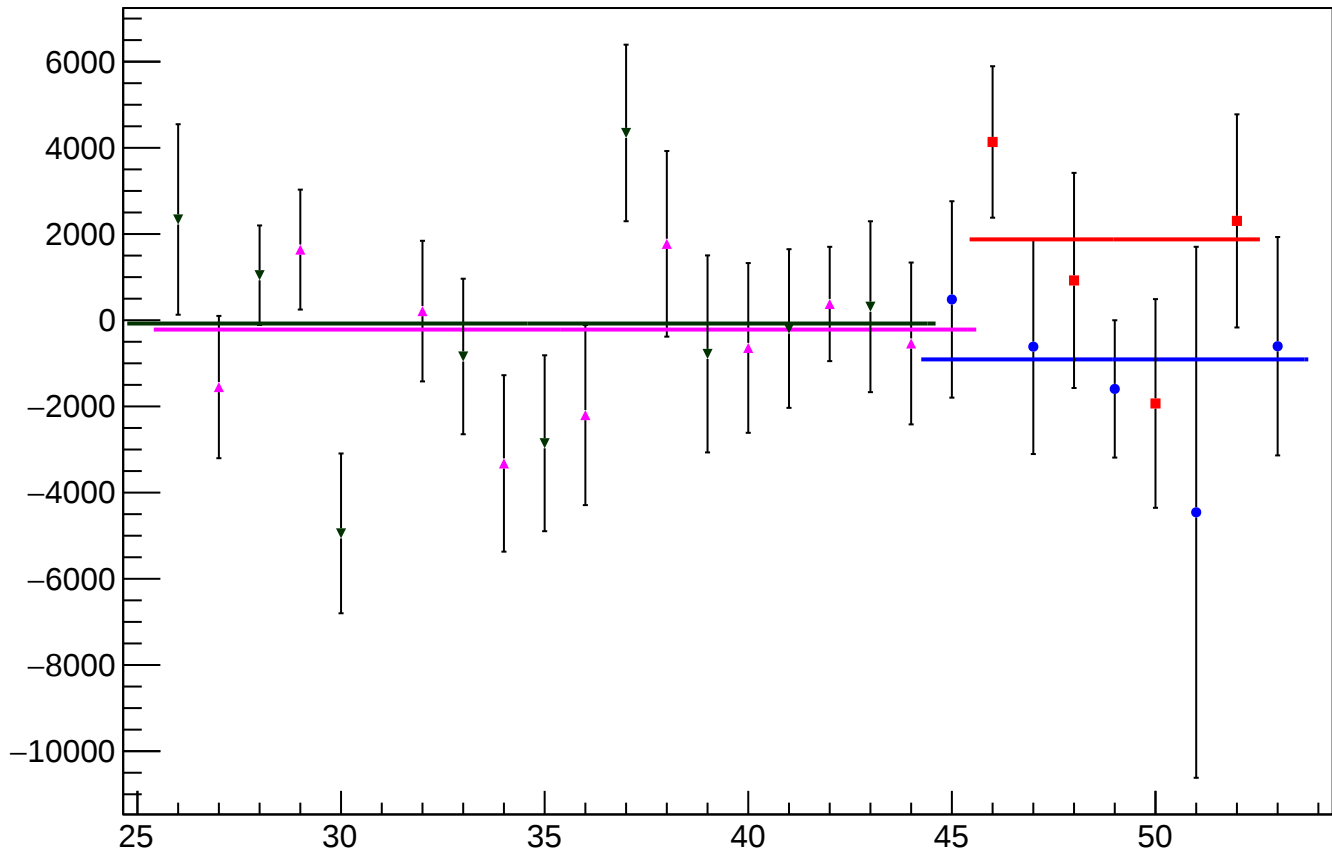
Right Out: 2355.172+/-1.213 χ^2/NDF : 43036.6/3

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

1927.701+/-0.500 χ^2/NDF : 422372.3/14

1904.917+/-0.497 χ^2/NDF : 329780.4/12

asym_sam1_mean vs slug



Right In: -909.041 ± 1037.207 χ^2/NDF : 0.9/4

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

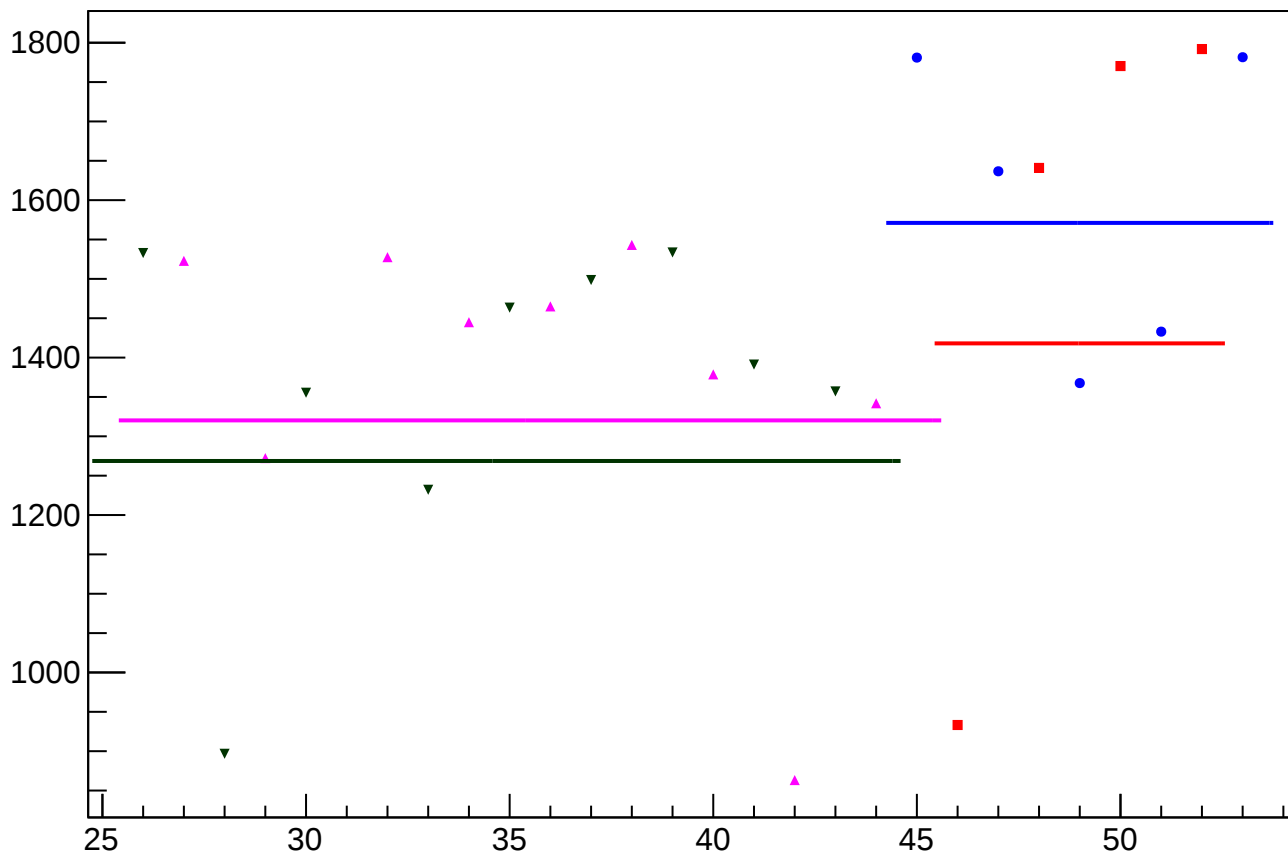
Right Out: 1875.877 ± 1105.336 χ^2/NDF : 4.3/3

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-285.554 ± 519.759 χ^2/NDF : 17.3/13

225.625 ± 508.253 χ^2/NDF : 14.0/12

asym_sam1_rms vs slug



Right In: 1571.118+/-0.733 χ^2/NDF : 65782.3/4

Left Out: 1268.658+/-0.425 χ^2/NDF :324399.1/8

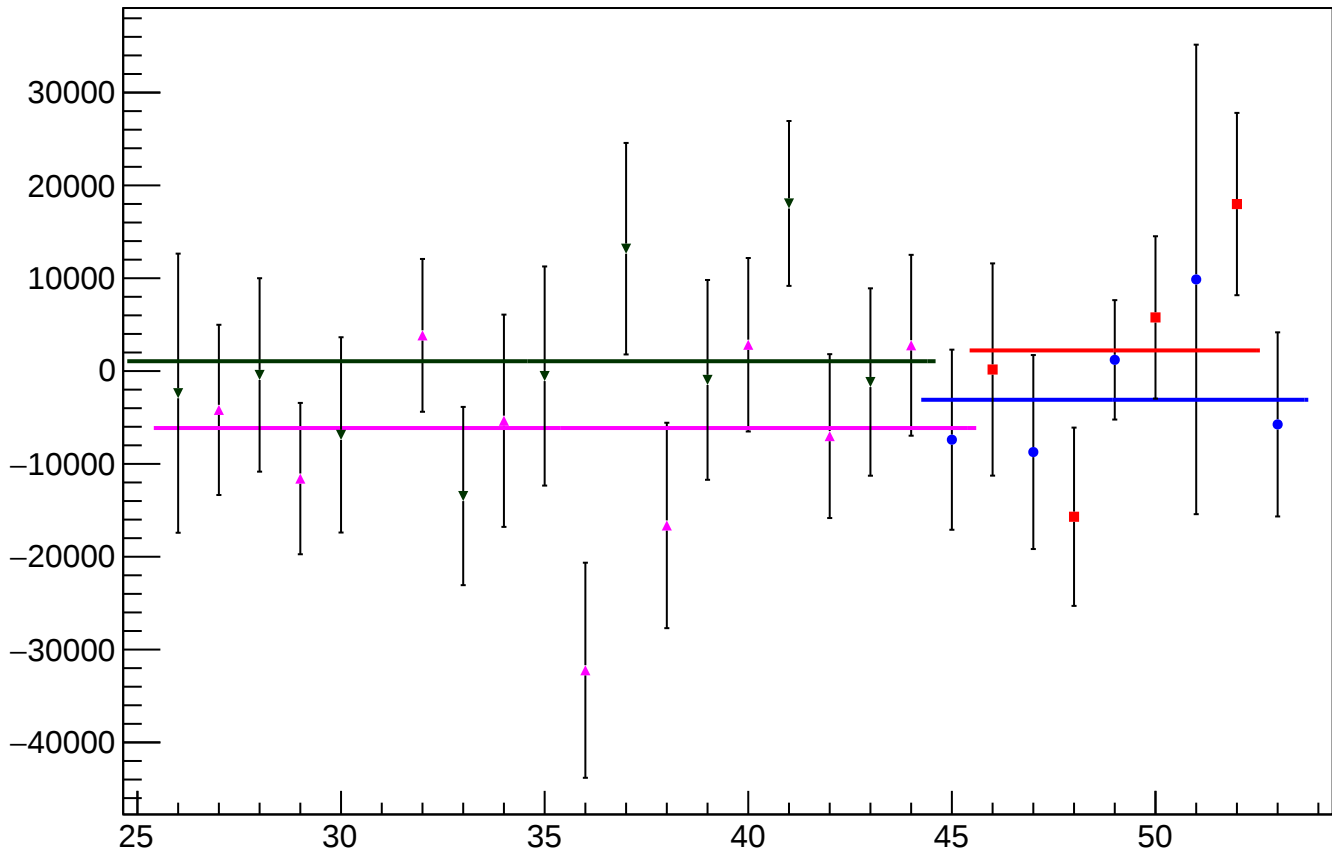
Right Out: 1418.052+/-0.782 χ^2/NDF : 256248.0/3

Left In: 1320.223+/-0.405 χ^2/NDF :342759.8/8

1344.610+/-0.368 χ^2/NDF : 517546.2/13

1340.907+/-0.359 χ^2/NDF : 611361.9/12

asym_sam2_mean vs slug



Right In: -3093.109+/-4237.307 χ^2/NDF : 1.3/4

Left Out: 1060.376+/-3545.636 χ^2/NDF : 7.8/8

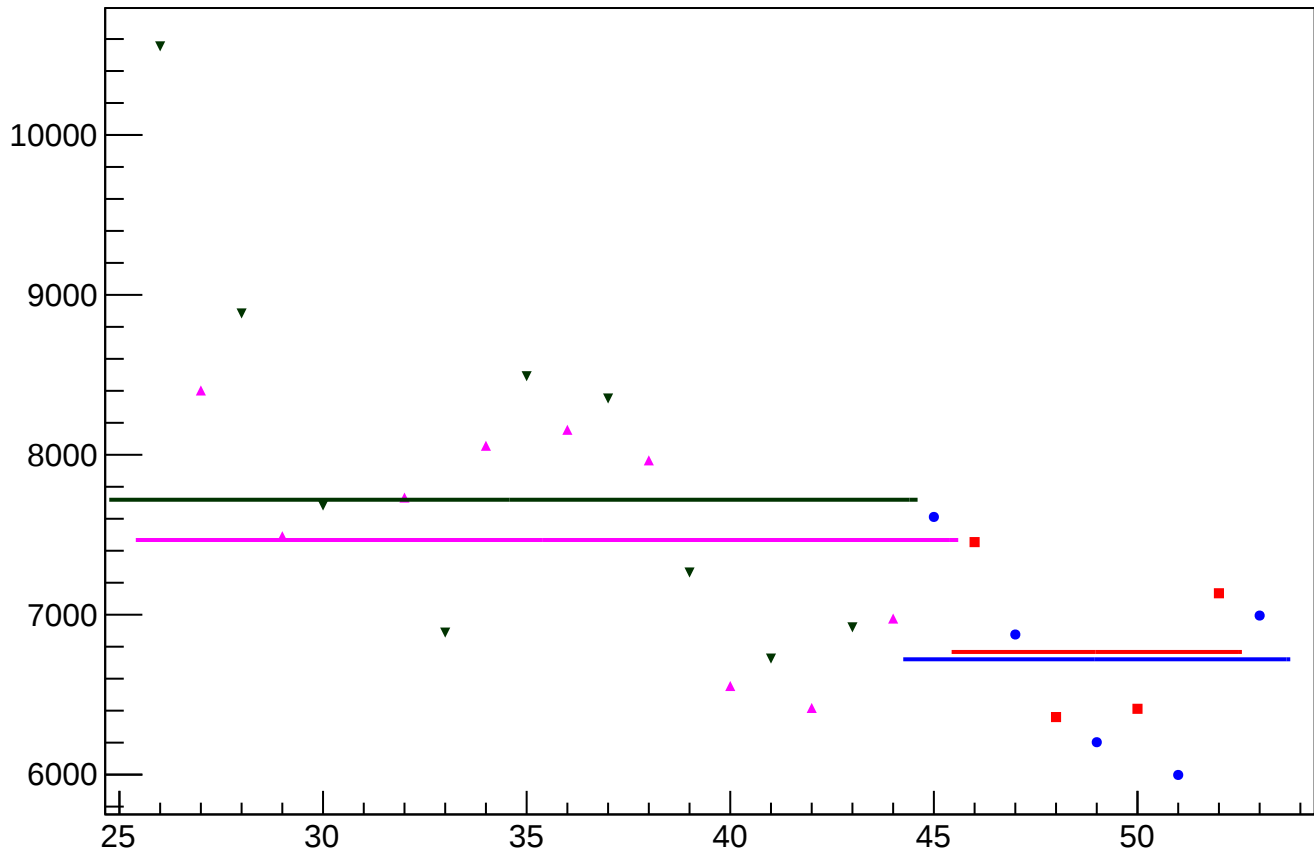
Right Out: 2222.532+/-4882.483 χ^2/NDF : 6.3/3

Left In: -6136.125+/-3165.179 χ^2/NDF : 9.7/8

-650.138+/-2719.237 χ^2/NDF : 9.7/13

-3662.781+/-2655.919 χ^2/NDF : 18.0/12

asym_sam2_rms vs slug



Right In: 6721.154+/-2.996 χ^2/NDF : 33441.1/4

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

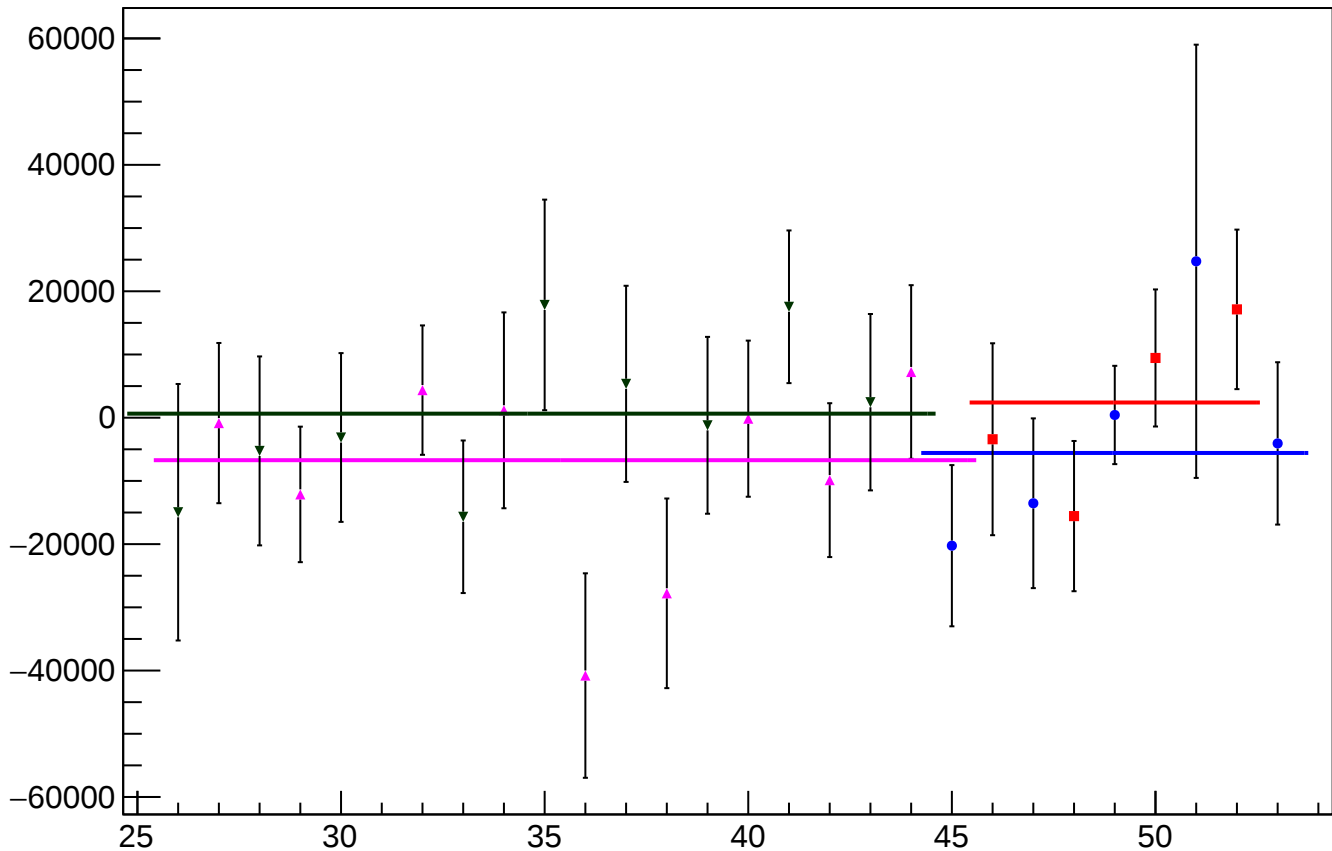
Right Out: 6767.084+/-3.452 χ^2/NDF : 16917.2/3

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7308.008+/-1.923 χ^2/NDF : 265649.8/13

7260.026+/-1.878 χ^2/NDF : 137719.9/12

asym_sam3_mean vs slug



Right In: -5577.508 $\pm$ 5333.866 χ^2/NDF : 3.1/4

Left Out: 639.789 $\pm$ 4753.910 χ^2/NDF : 5.8/8

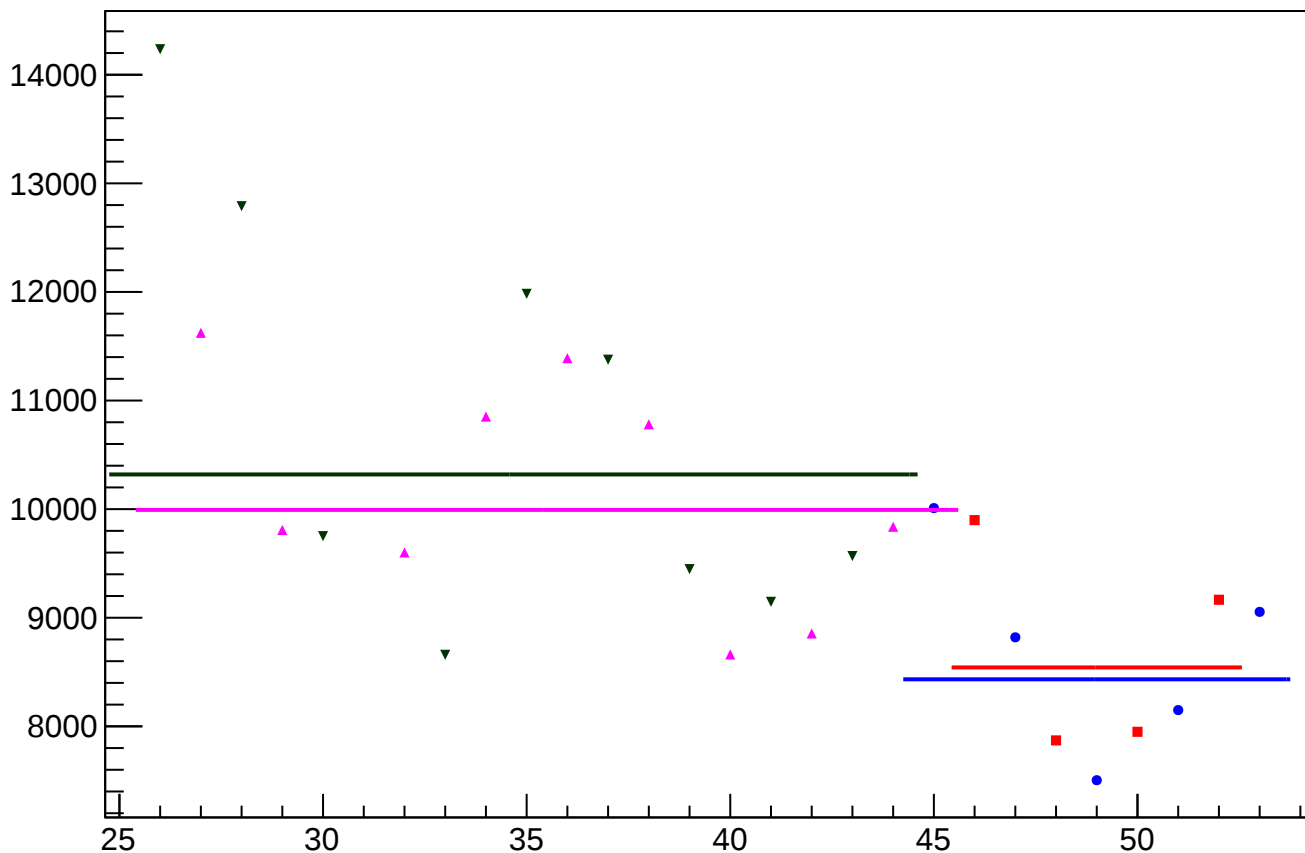
Right Out: 2403.845 $\pm$ 6177.139 χ^2/NDF : 4.2/3

Left In: -6721.702 $\pm$ 4244.047 χ^2/NDF : 9.7/8

-2112.599 $\pm$ 3548.919 χ^2/NDF : 9.6/13

-3795.375 $\pm$ 3497.996 χ^2/NDF : 15.4/12

asym_sam3_rms vs slug



Right In: 8433.056 ± 3.772 χ^2/NDF : 65590.1/4

Left Out: 10319.525 ± 3.362 χ^2/NDF : 232272.2/8

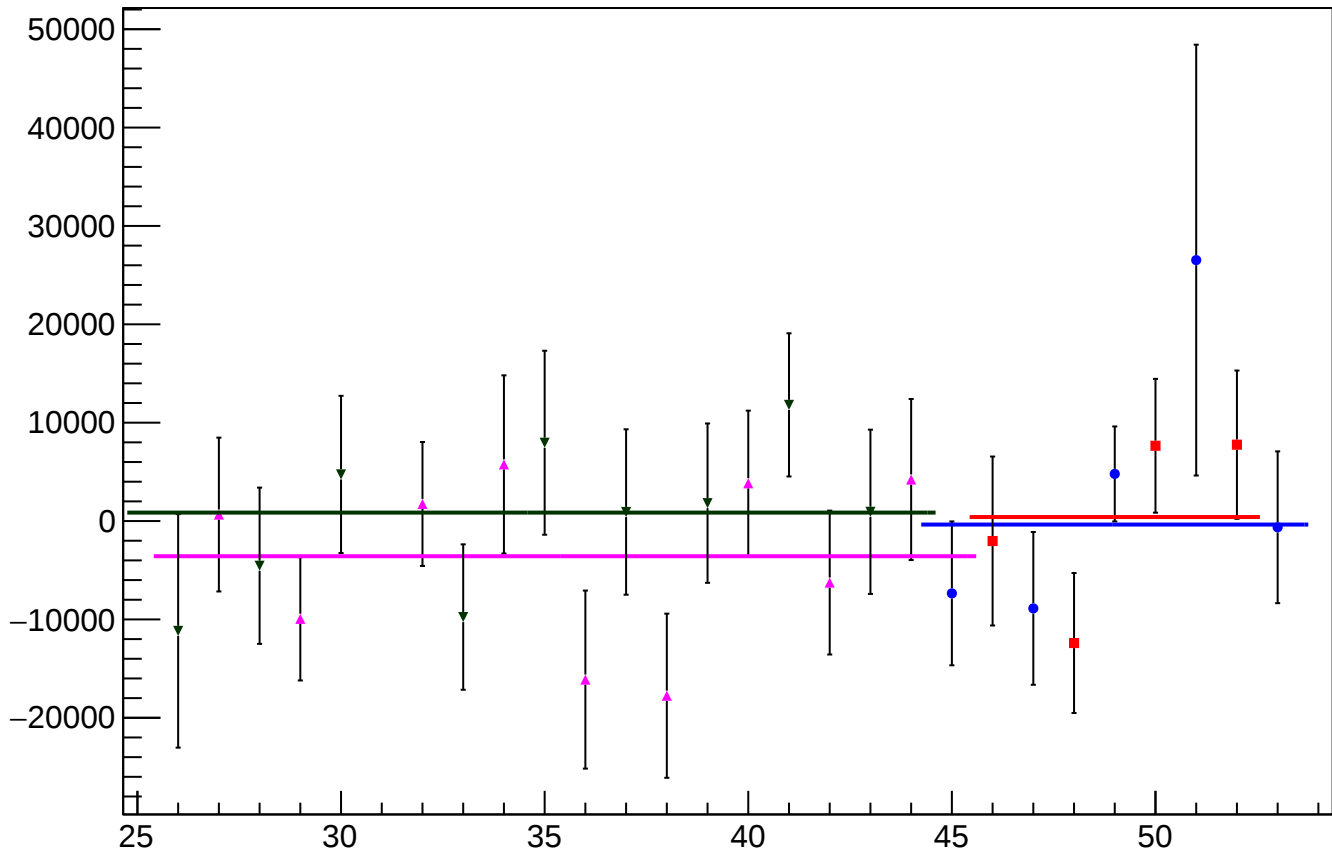
Right Out: 8542.421 ± 4.368 χ^2/NDF : 33220.8/3

Left In: 9993.116 ± 3.001 χ^2/NDF : 104211.5/8

9484.388 ± 2.509 χ^2/NDF : 437285.7/13

9527.915 ± 2.473 χ^2/NDF : 212367.4/12

asym_sam4_mean vs slug



Right In: -355.904+/-3209.903 χ^2/NDF : 4.8/4

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

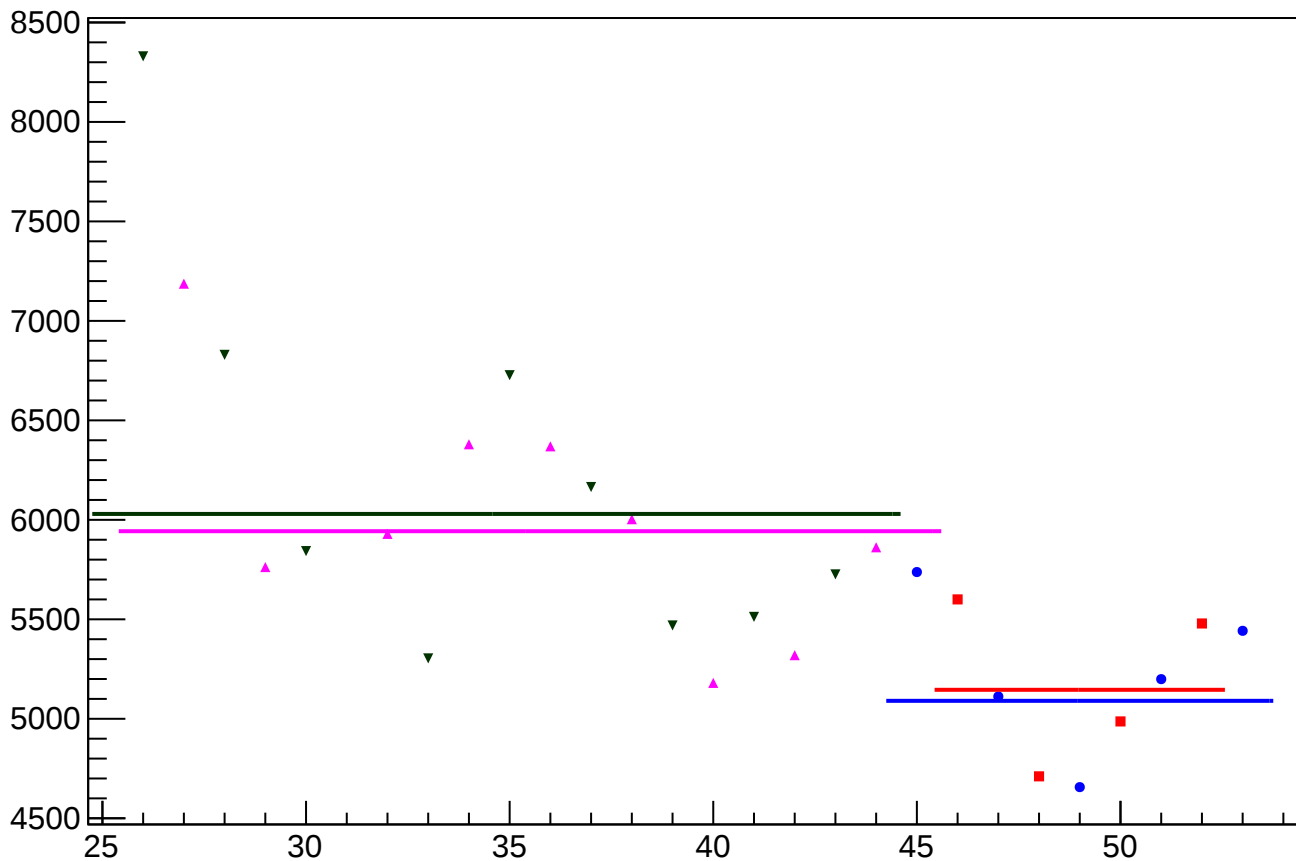
Right Out: 408.351+/-3713.107 χ^2/NDF : 5.4/3

Left In: -3574.359+/-2517.724 χ^2/NDF : 10.0/8

342.636+/-2094.118 χ^2/NDF : 11.5/13

-2319.961+/-2083.847 χ^2/NDF : 16.2/12

asym_sam4_rms vs slug



Right In: 5090.289+/-2.270 χ^2/NDF : 36033.3/4

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

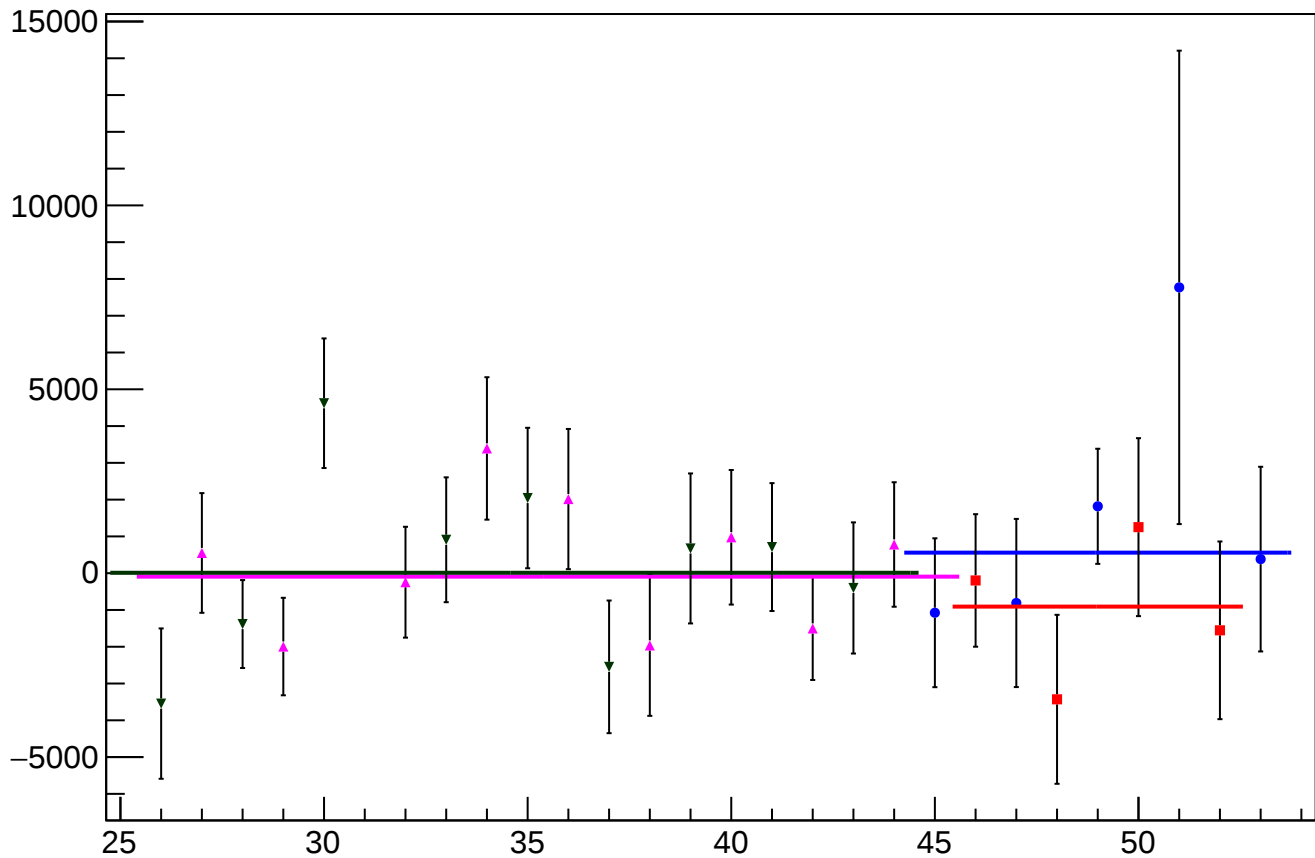
Right Out: 5145.712+/-2.626 χ^2/NDF : 18078.3/3

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5629.873+/-1.481 χ^2/NDF : 284164.8/13

5691.806+/-1.474 χ^2/NDF : 178782.8/12

asym_sam5_mean vs slug



Right In: 558.580 ± 986.895 χ^2/NDF : 2.9/4

Left Out: 11.403 ± 570.182 χ^2/NDF : 15.0/8

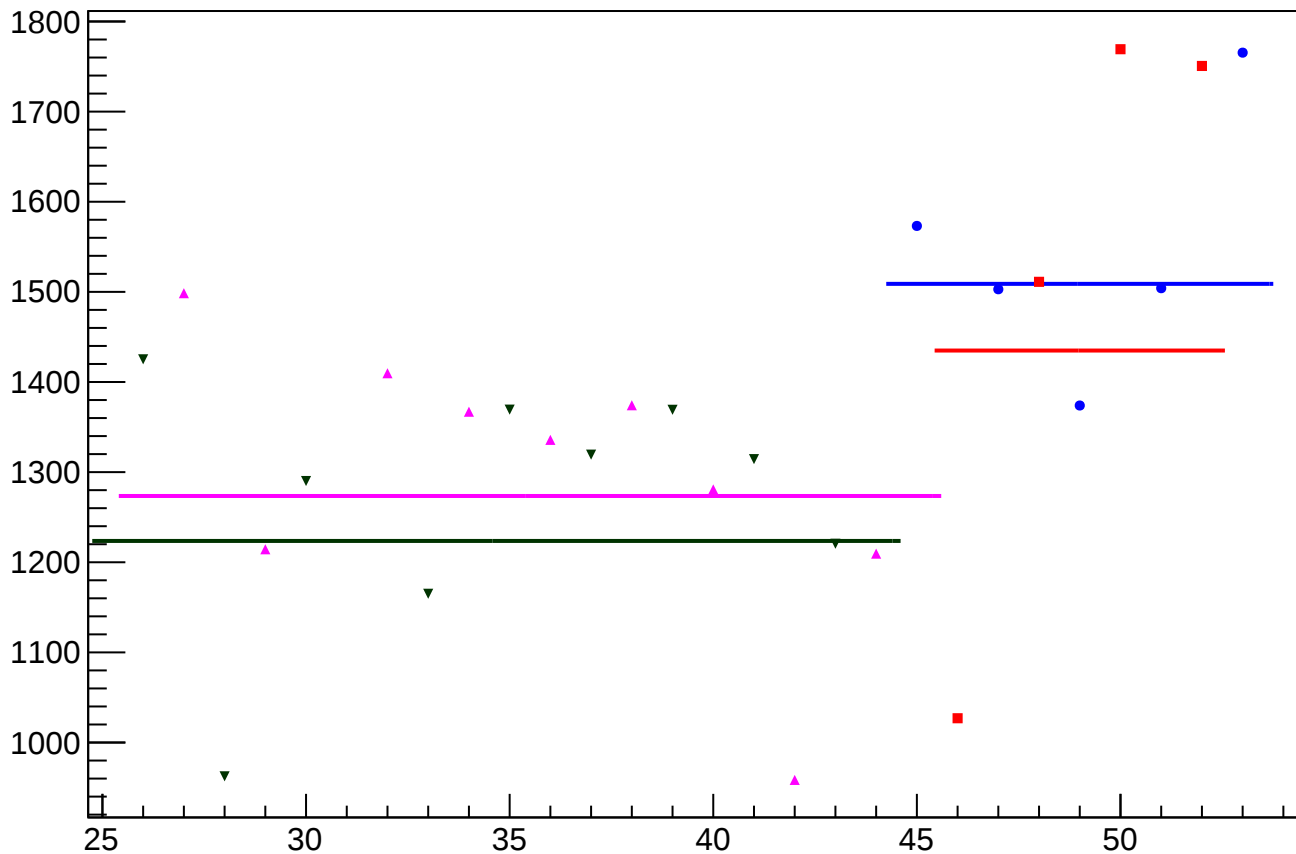
Right Out: -908.638 ± 1091.174 χ^2/NDF : 2.2/3

Left In: -93.953 ± 545.533 χ^2/NDF : 9.3/8

148.340 ± 493.706 χ^2/NDF : 18.1/13

-256.864 ± 487.949 χ^2/NDF : 11.9/12

asym_sam5_rms vs slug



Right In: 1508.893+/-0.698 χ^2/NDF : 37798.7/4

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

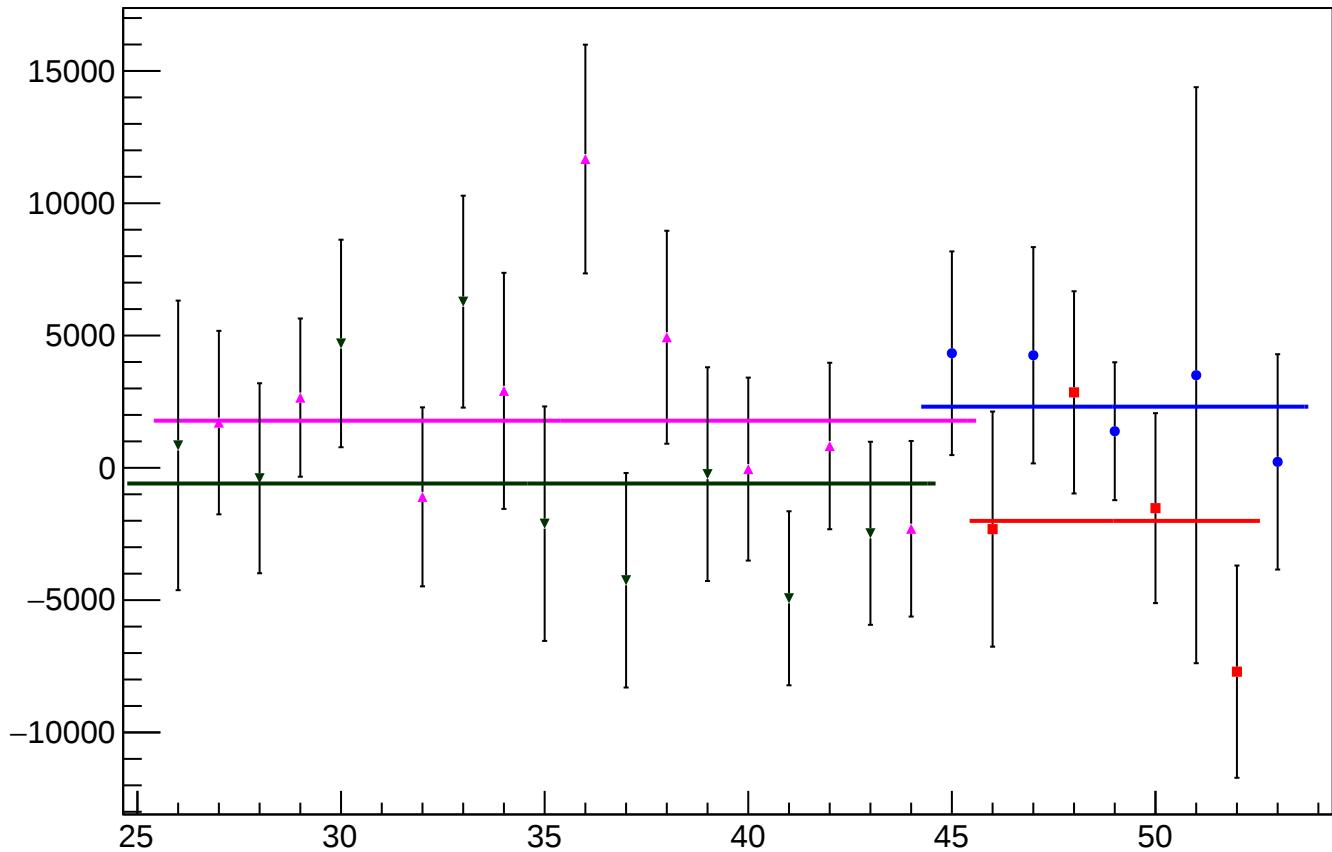
Right Out: 1434.909+/-0.772 χ^2/NDF : 177131.0/3

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1295.041+/-0.349 χ^2/NDF : 316093.2/13

1305.809+/-0.345 χ^2/NDF : 387116.5/12

asym_sam6_mean vs slug



Right In: 2311.890 $\pm$ 1706.305 χ^2 /NDF: 0.9/4

Left Out: -592.543 $\pm$ 1304.748 χ^2 /NDF: 7.8/8

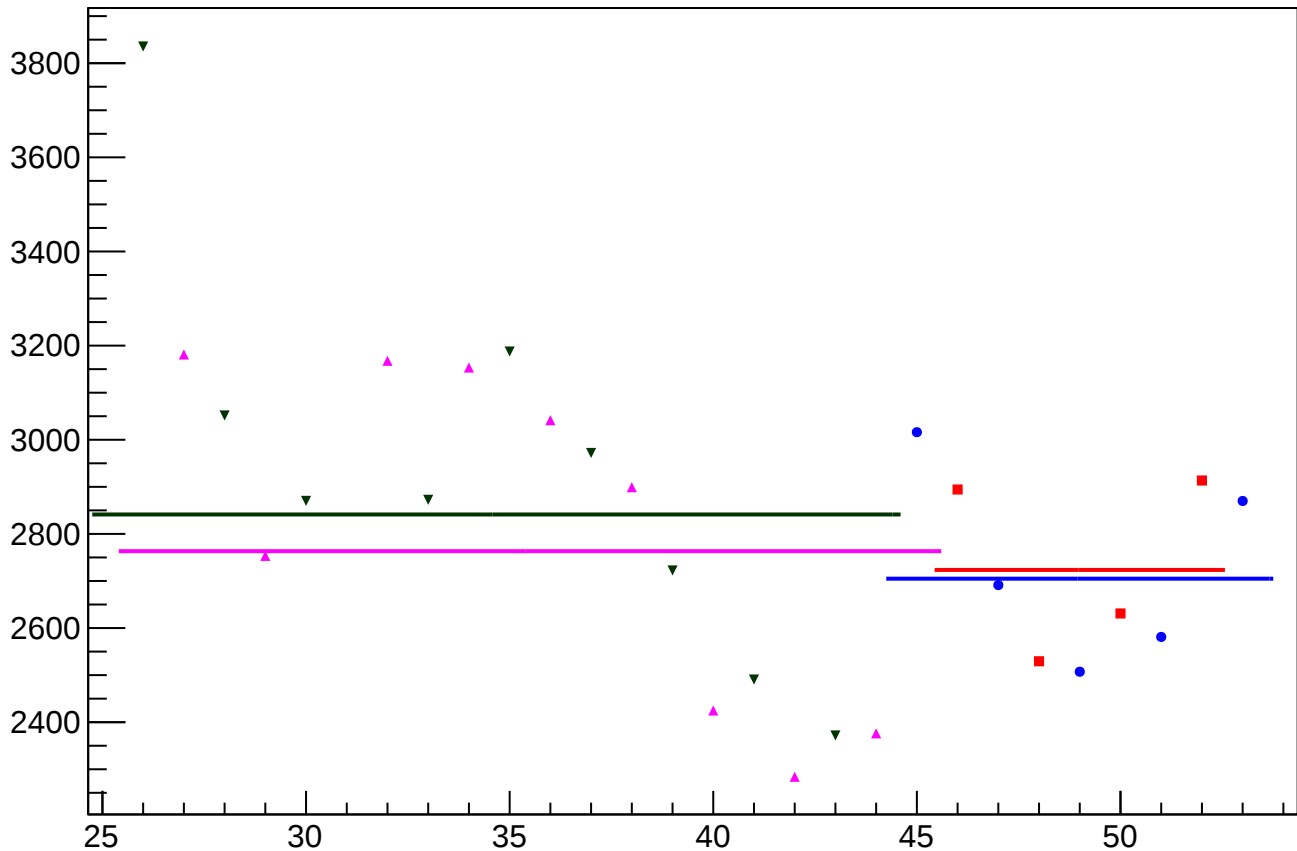
Right Out: -2004.885 $\pm$ 1965.406 χ^2 /NDF: 3.7/3

Left In: 1782.022 $\pm$ 1175.711 χ^2 /NDF: 8.6/8

479.104 $\pm$ 1036.458 χ^2 /NDF: 10.5/13

784.022 $\pm$ 1008.963 χ^2 /NDF: 15.0/12

asym_sam6_rms vs slug



Right In: 2704.881+/-1.207 χ^2/NDF : 28154.1/4

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

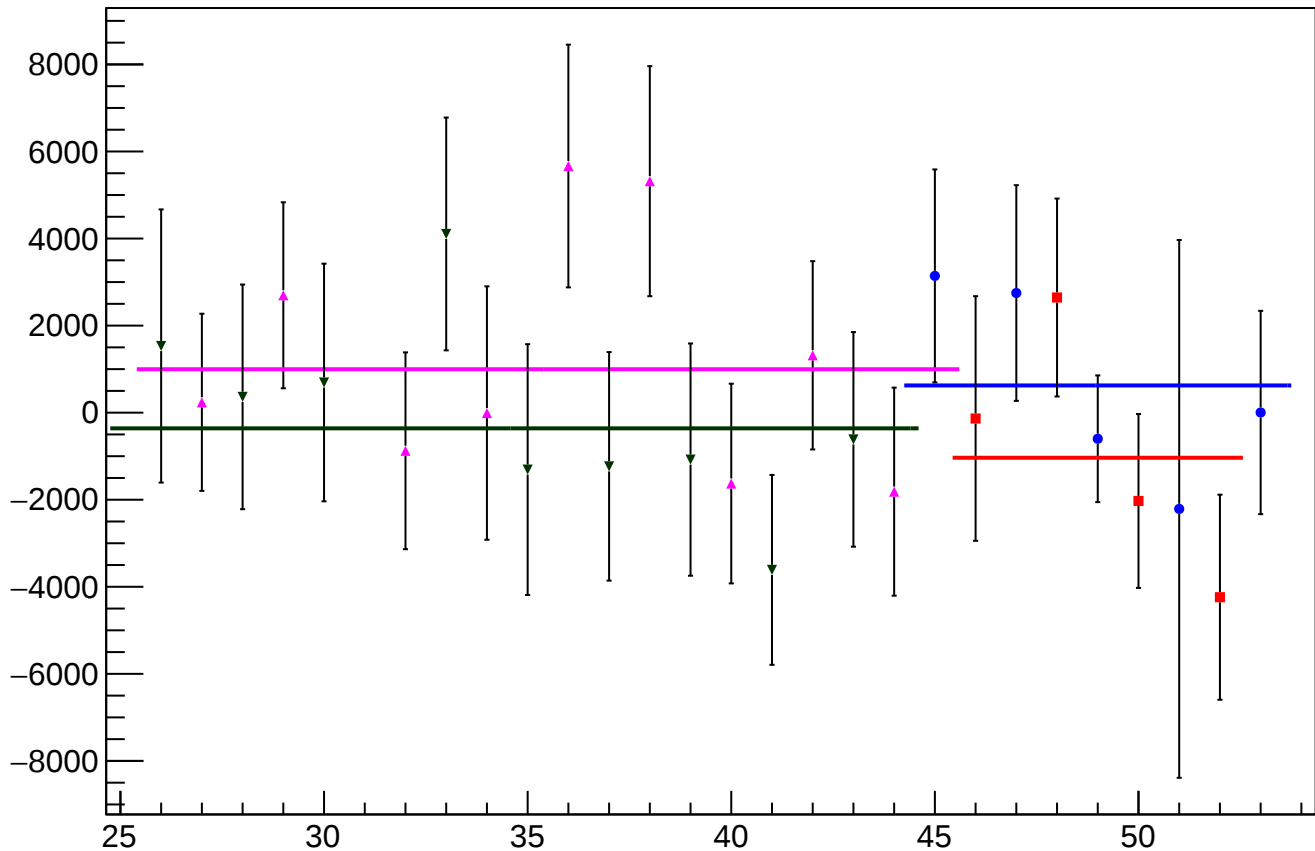
2790.943+/-0.733 χ^2/NDF : 184917.7/13

Right Out: 2723.476+/-1.390 χ^2/NDF : 13925.9/3

2752.829+/-0.713 χ^2/NDF : 190837.4/12

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

asym_sam7_mean vs slug



Right In: 625.216 $\pm$ 994.176 χ^2 /NDF: 2.8/4

Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

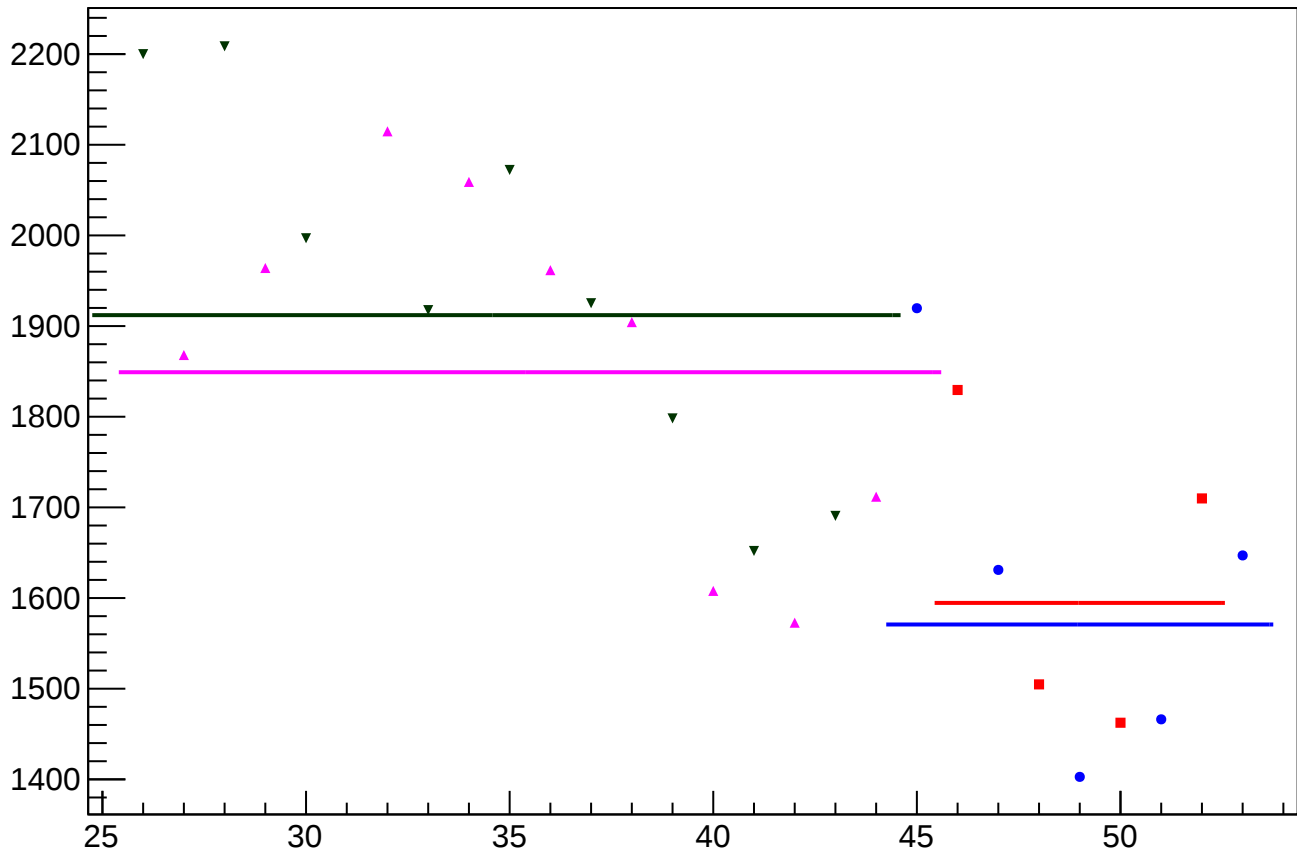
Right Out: -1035.724 $\pm$ 1153.848 χ^2 /NDF: 4.8/3

Left In: 997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

69.770 $\pm$ 656.734 χ^2 /NDF: 9.2/13

354.784 $\pm$ 648.721 χ^2 /NDF: 16.7/12

asym_sam7_rms vs slug



Right In: 1570.827+/-0.703 χ^2/NDF : 71249.9/4

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

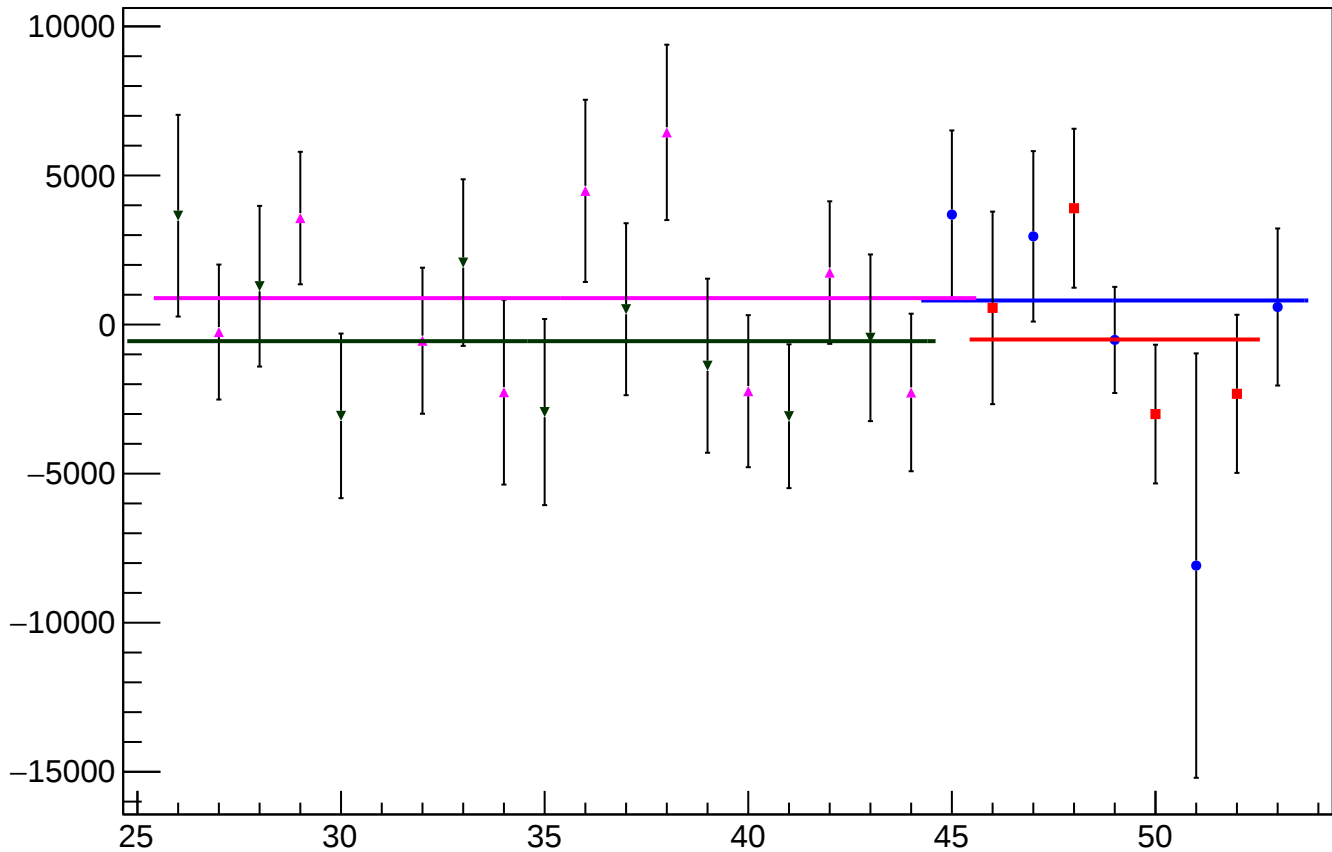
Right Out: 1594.631+/-0.816 χ^2/NDF : 30649.0/3

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1763.159+/-0.464 χ^2/NDF : 303715.9/13

1768.663+/-0.459 χ^2/NDF : 206676.0/12

asym_sam8_mean vs slug



Right In: 806.904 ± 1172.415 $\chi^2/\text{NDF}: 3.7/4$

Left Out: -557.273 ± 942.969 $\chi^2/\text{NDF}: 5.6/8$

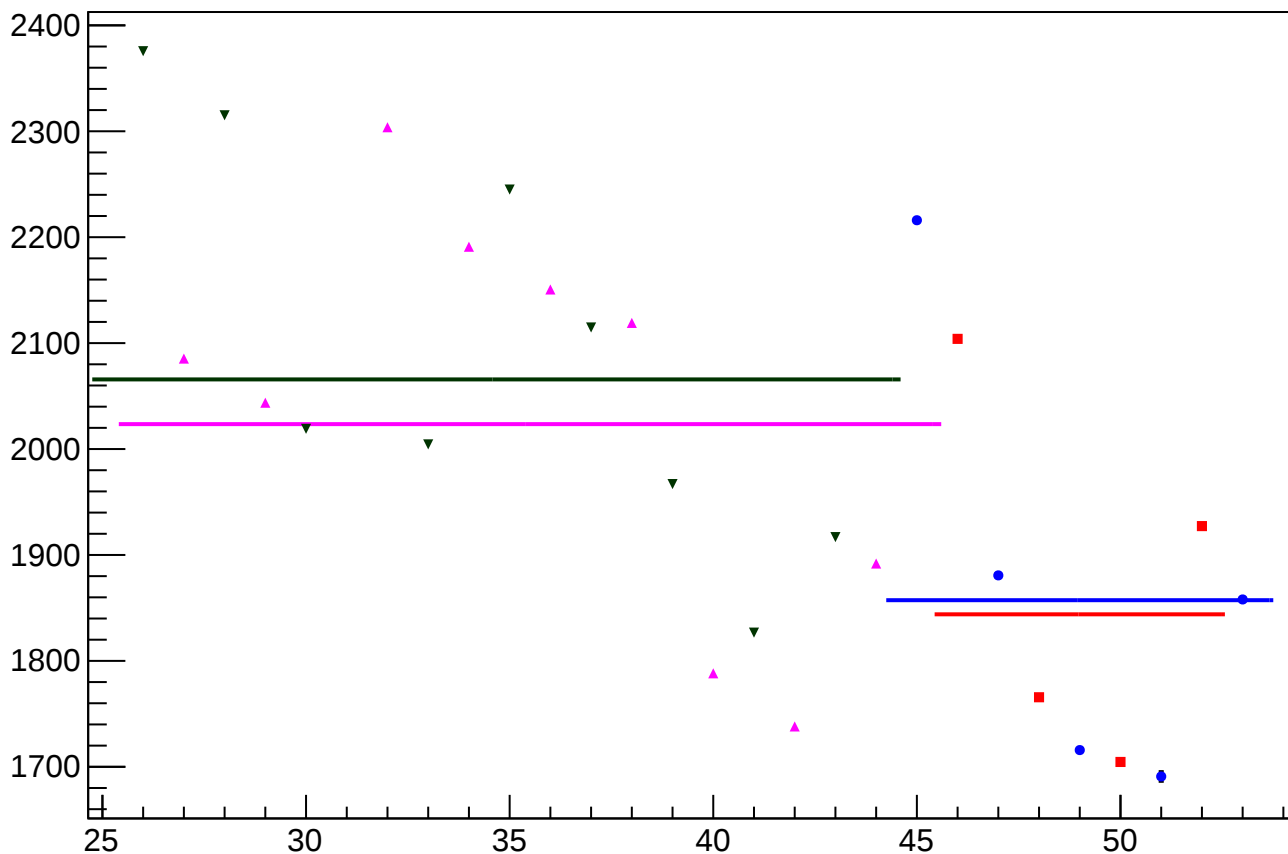
-21.431 ± 734.793 $\chi^2/\text{NDF}: 10.2/13$

Right Out: -501.367 ± 1331.937 $\chi^2/\text{NDF}: 4.5/3$

480.291 ± 720.369 $\chi^2/\text{NDF}: 16.3/12$

Left In: 886.158 ± 856.437 $\chi^2/\text{NDF}: 11.1/8$

asym_sam8_rms vs slug



Right In: 1857.299+/-0.829 χ^2/NDF : 46160.3/4

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

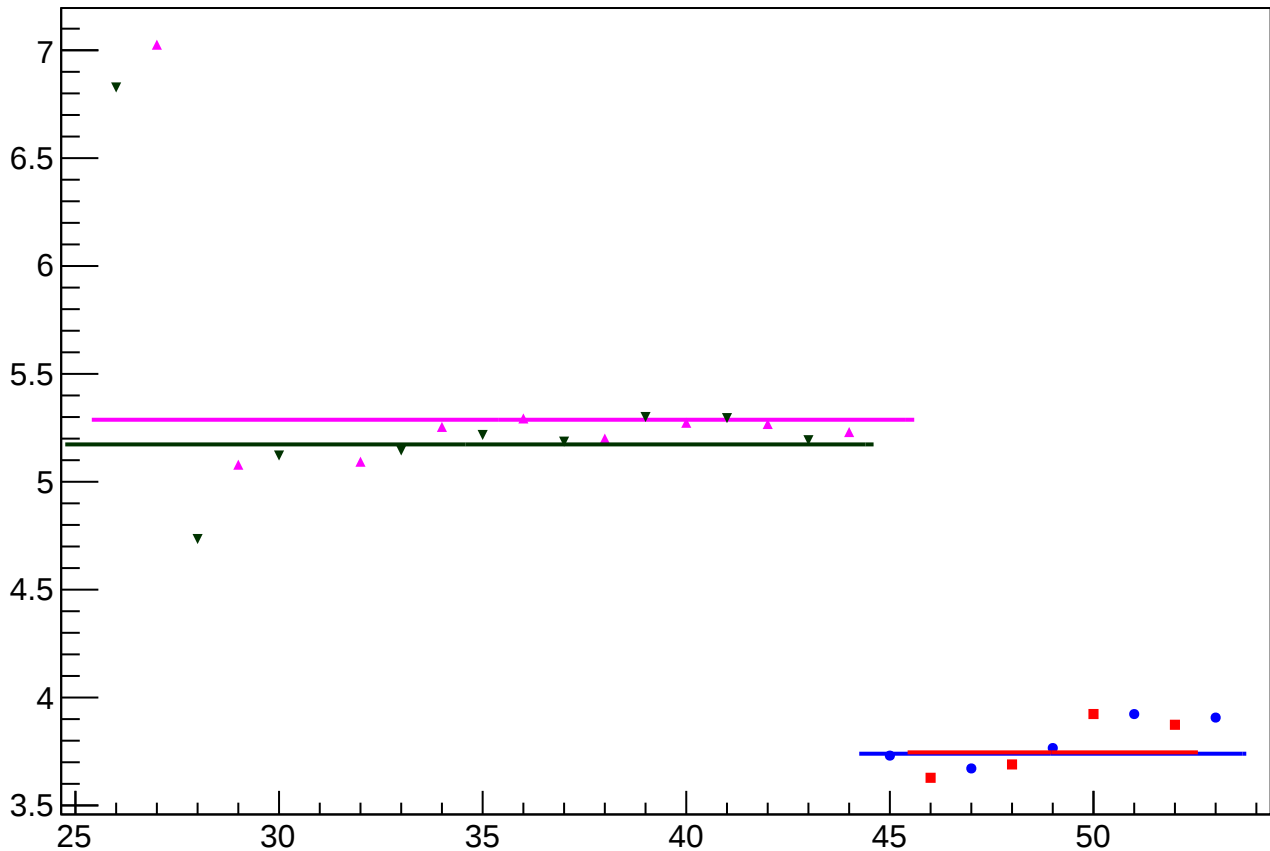
Right Out: 1843.962+/-0.942 χ^2/NDF : 23853.0/3

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1983.859+/-0.520 χ^2/NDF : 154773.8/13

1970.996+/-0.509 χ^2/NDF : 139343.5/12

yield_sam1_mean vs slug



Right In: 3.740 $\pm$ 0.000 χ^2 /NDF: 29409408.3/4

Left Out: 5.173 $\pm$ 0.000 χ^2 /NDF:2171929405.9/8

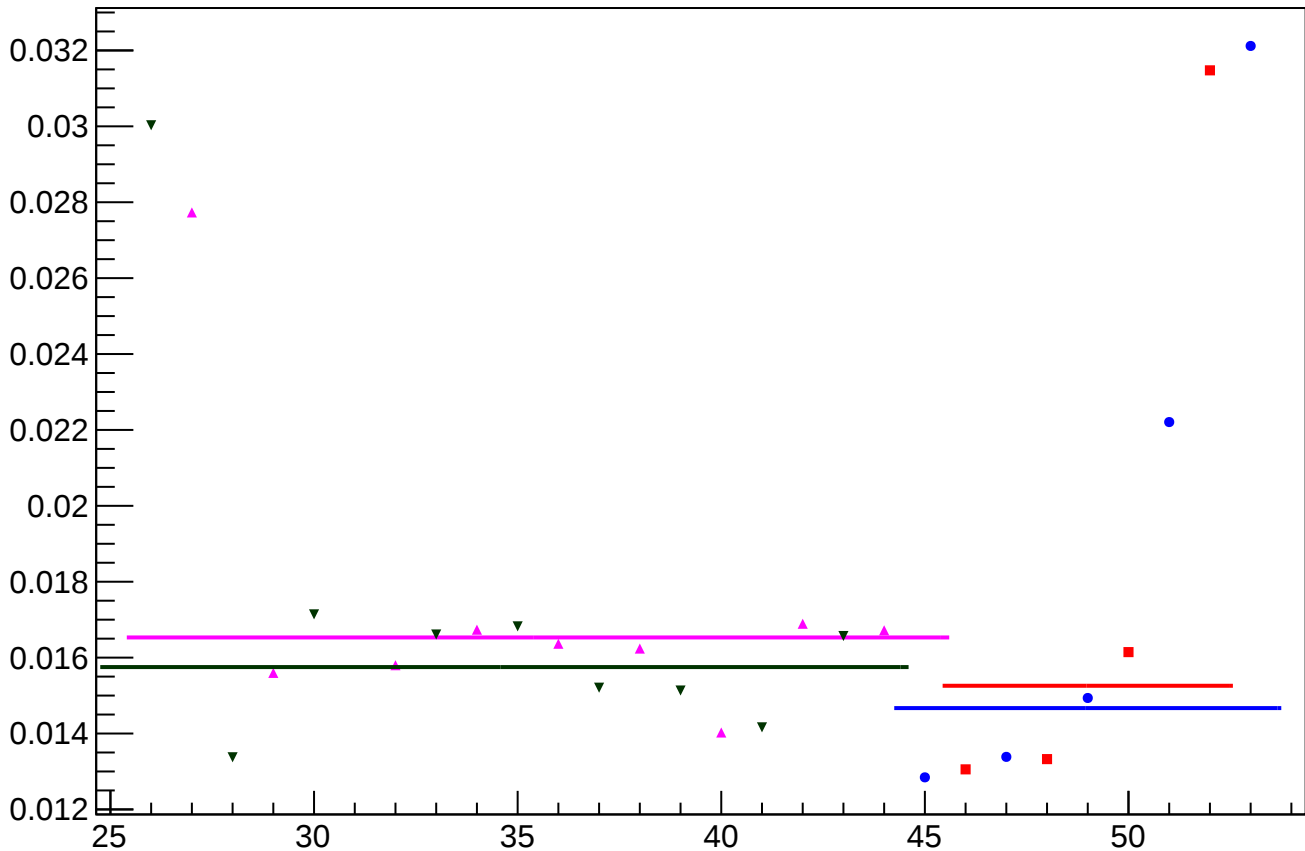
Right Out: 3.746 $\pm$ 0.000 χ^2 /NDF: 107913066.7/3

Left In: 5.287 $\pm$ 0.000 χ^2 /NDF:3281292278.3/8

4.653 $\pm$ 0.000 χ^2 /NDF: 15461604507.5/13

4.870 $\pm$ 0.000 χ^2 /NDF: 15663124620.0/12

yield_sam1_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 313712.8/4

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

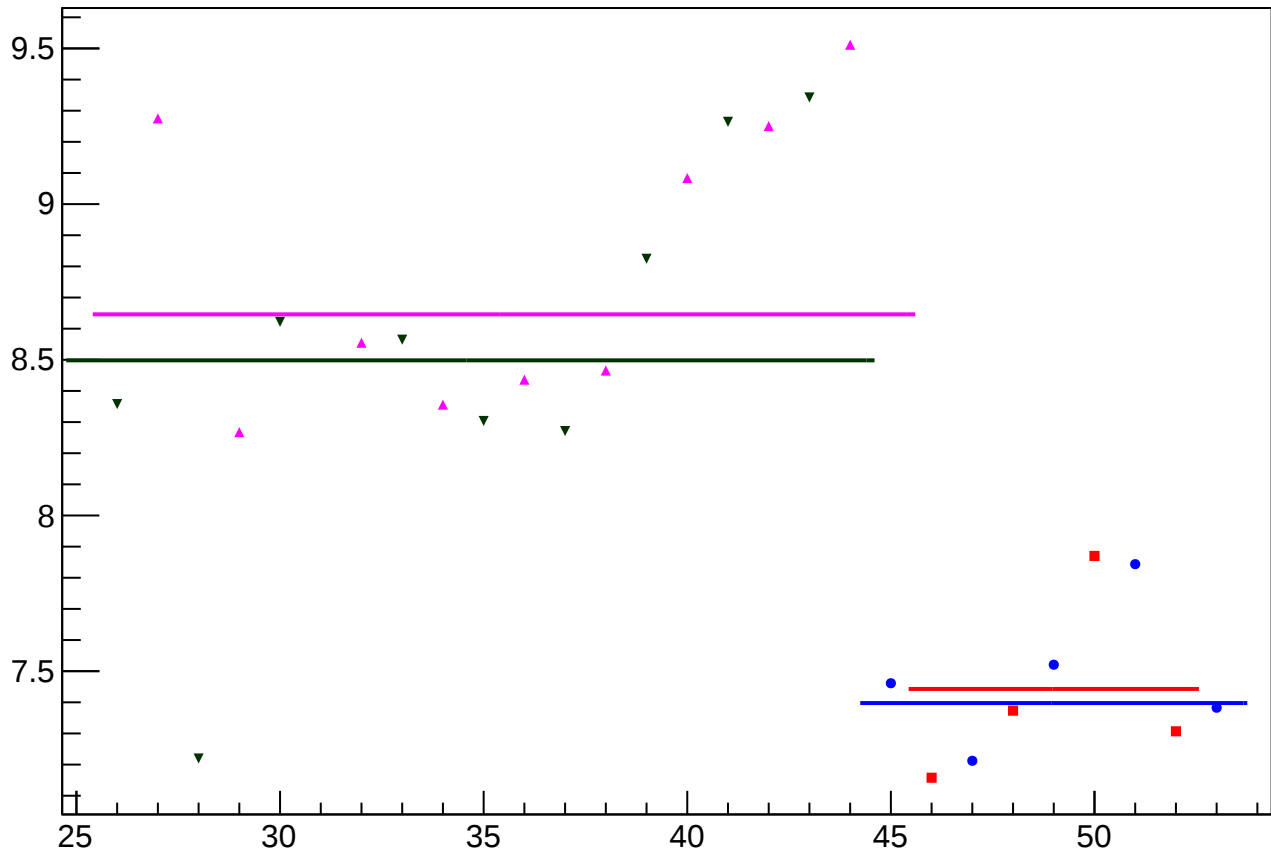
Right Out: 0.015+/-0.000 χ^2/NDF : 300982.0/3

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

0.015+/-0.000 χ^2/NDF : 614790.9/13

0.016+/-0.000 χ^2/NDF : 606546.9/12

yield_sam2_mean vs slug



Right In: 7.398 $\pm$ 0.000 χ^2 /NDF: 3181308.5/4

Left Out: 8.498 $\pm$ 0.000 χ^2 /NDF: 85994294.5/8

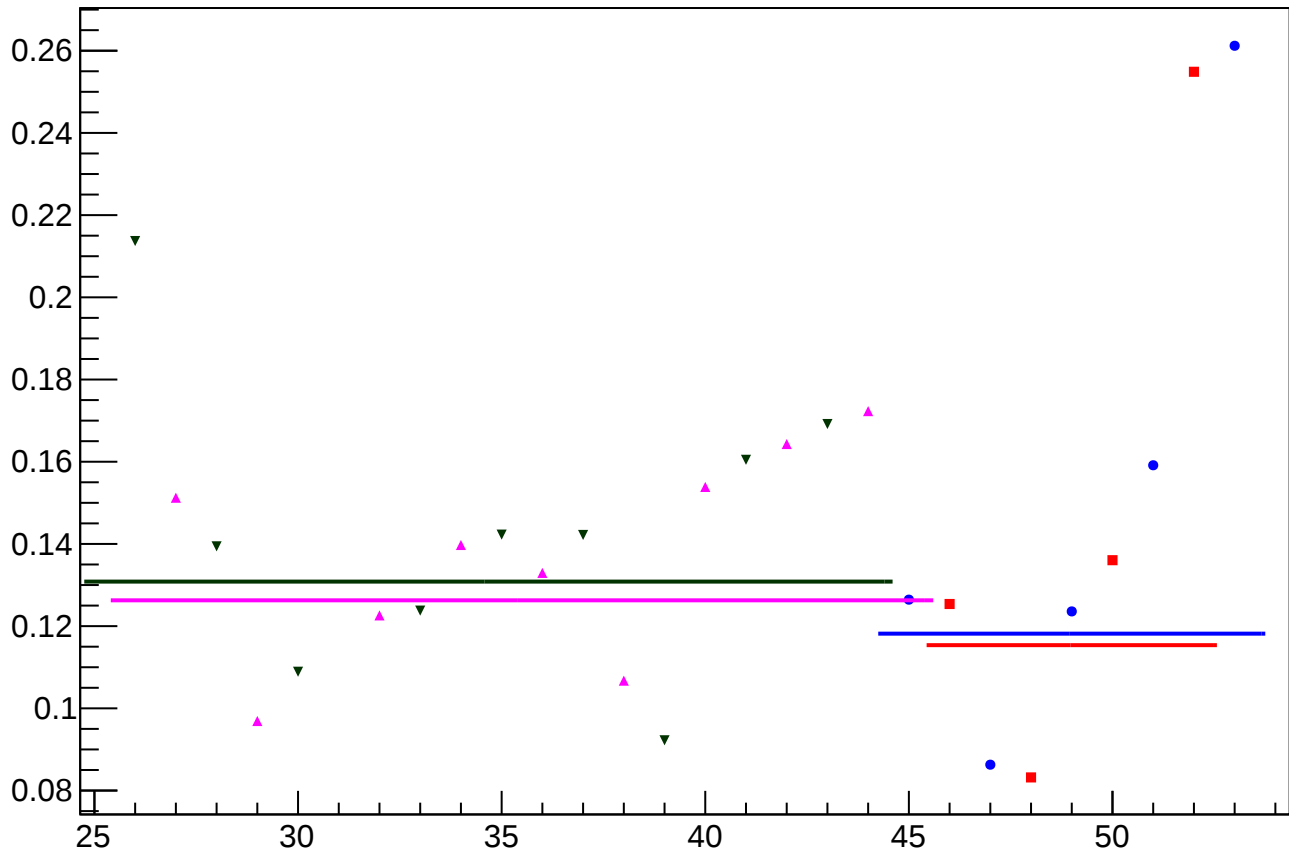
Right Out: 7.443 $\pm$ 0.000 χ^2 /NDF: 7512950.0/3

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53836286.5/8

8.084 $\pm$ 0.000 χ^2 /NDF: 204504459.2/13

8.320 $\pm$ 0.000 χ^2 /NDF: 186839551.4/12

yield_sam2_rms vs slug



Right In: 0.118+/-0.000 χ^2/NDF : 411941.3/4

Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

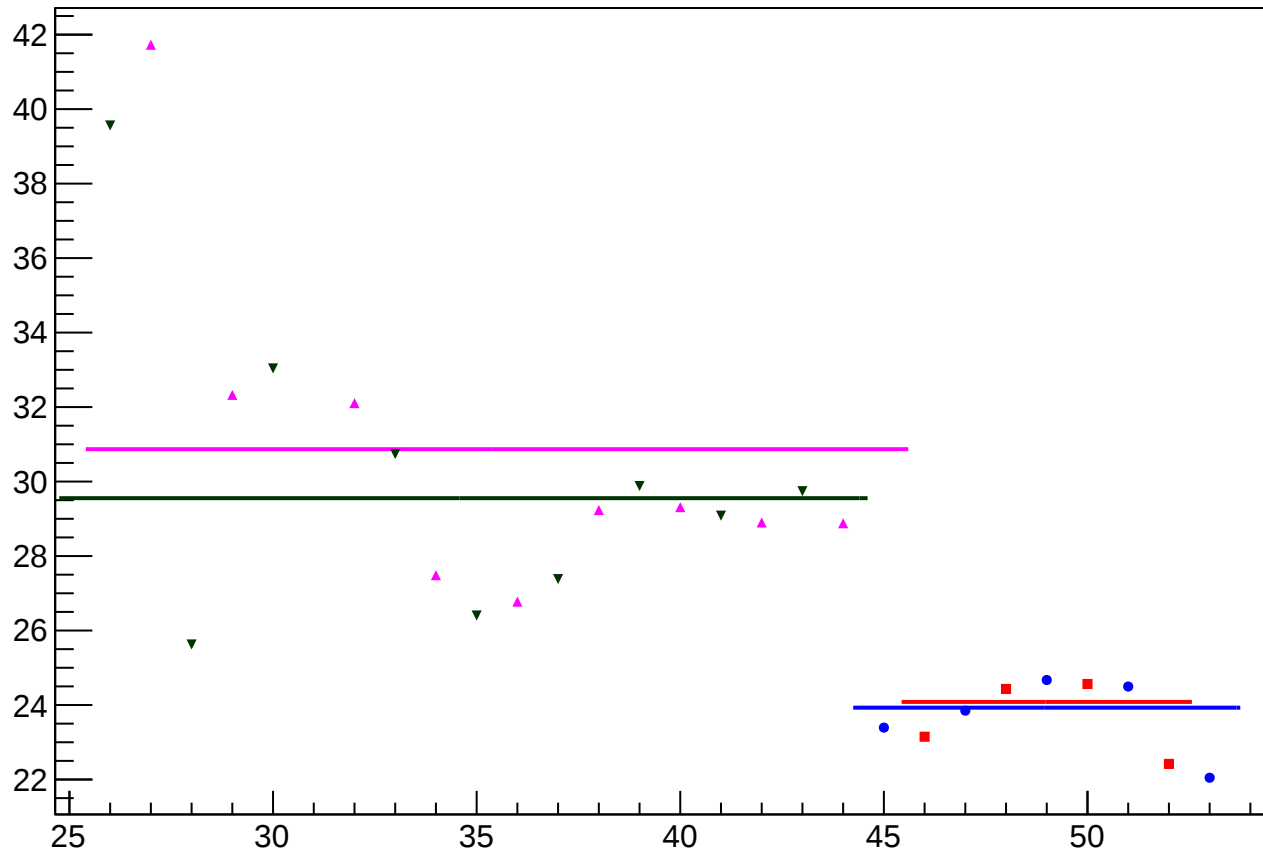
0.126+/-0.000 χ^2/NDF : 877833.5/13

Right Out: 0.115+/-0.000 χ^2/NDF : 452410.0/3

0.123+/-0.000 χ^2/NDF : 858364.2/12

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

yield_sam3_mean vs slug



Right In: 23.929+/-0.000 χ^2/NDF : 3840551.8/4

Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

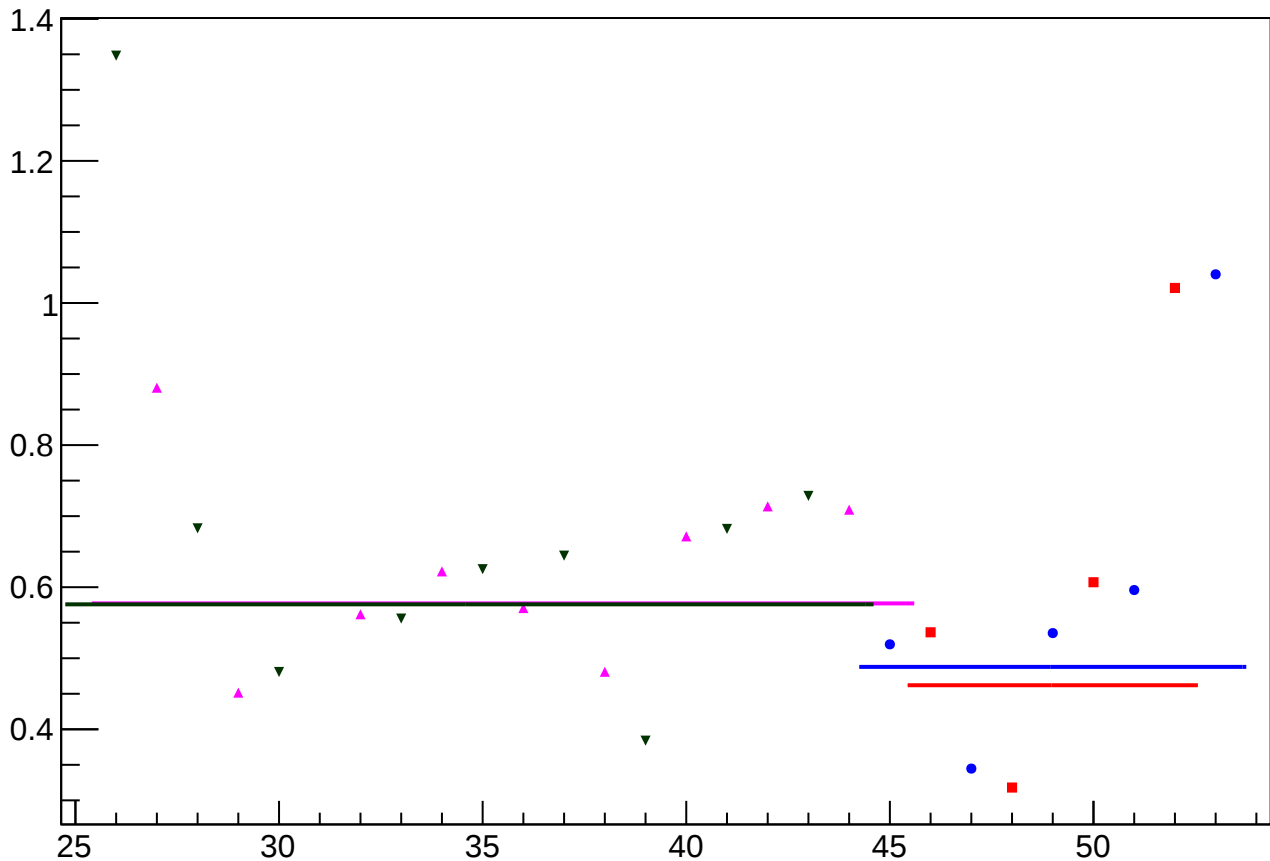
Right Out: 24.084+/-0.000 χ^2/NDF : 3252825.2/3

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

27.247+/-0.000 χ^2/NDF : 261121096.0/13

28.707+/-0.000 χ^2/NDF : 403506637.2/12

yield_sam3_rms vs slug



Right In: 0.488+/-0.000 χ^2/NDF : 426080.9/4

Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

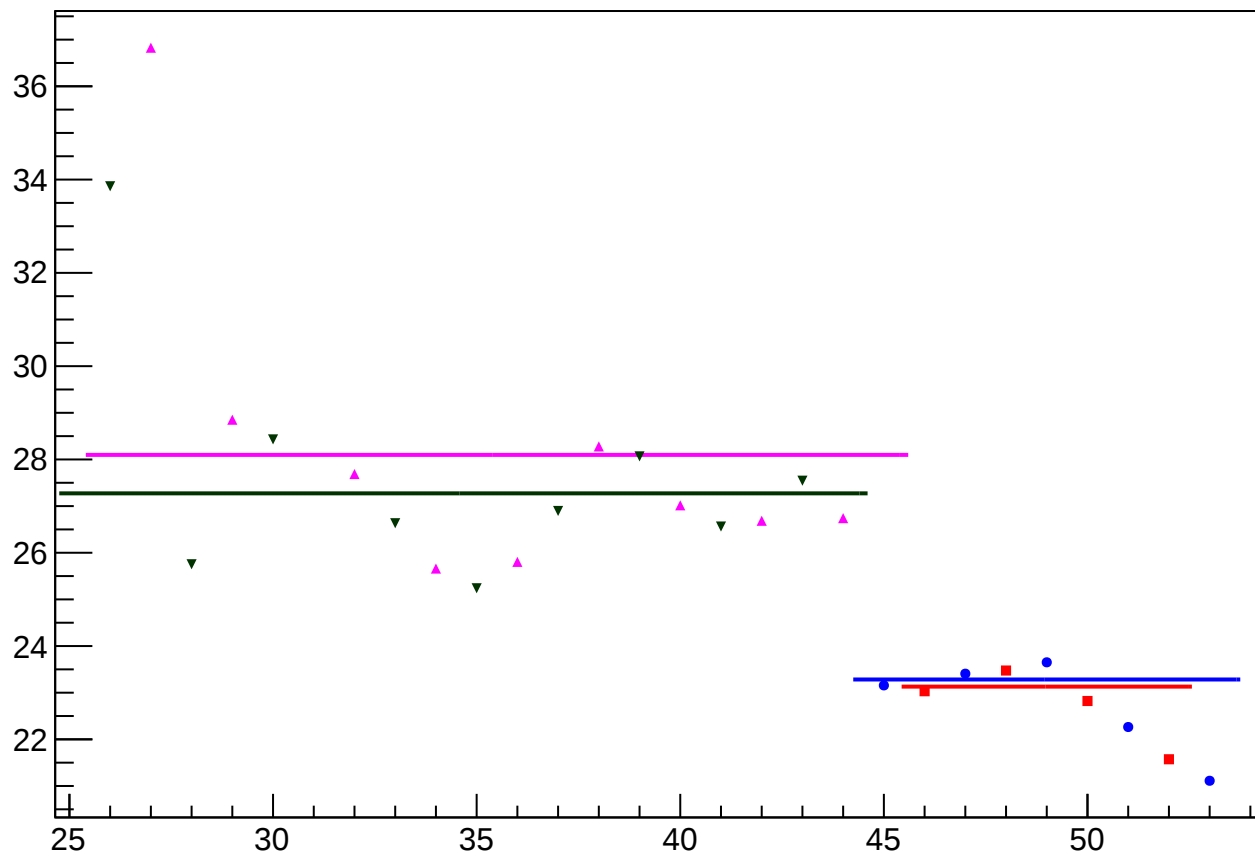
0.540+/-0.000 χ^2/NDF : 1178162.3/13

Right Out: 0.462+/-0.000 χ^2/NDF : 537463.4/3

0.540+/-0.000 χ^2/NDF : 1093573.6/12

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

yield_sam4_mean vs slug



Right In: 23.283+/-0.000 χ^2/NDF : 8530112.4/4

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

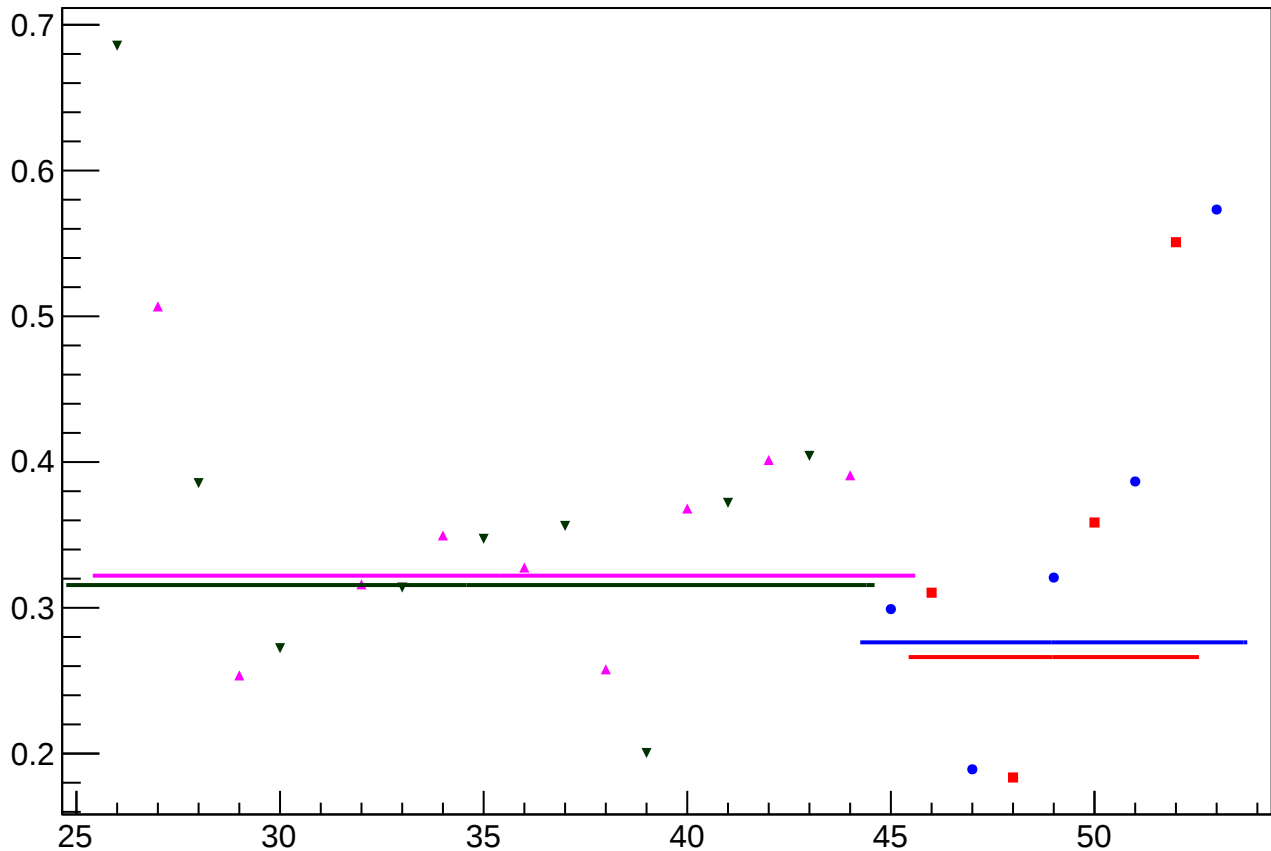
Right Out: 23.130+/-0.000 χ^2/NDF : 5894899.2/3

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

25.723+/-0.000 χ^2/NDF : 363529618.3/13

26.577+/-0.000 χ^2/NDF : 668042906.5/12

yield_sam4_rms vs slug



Right In: 0.276+/-0.000 χ^2/NDF : 469957.5/4

Left Out: 0.316+/-0.000 χ^2/NDF : 711532.8/8

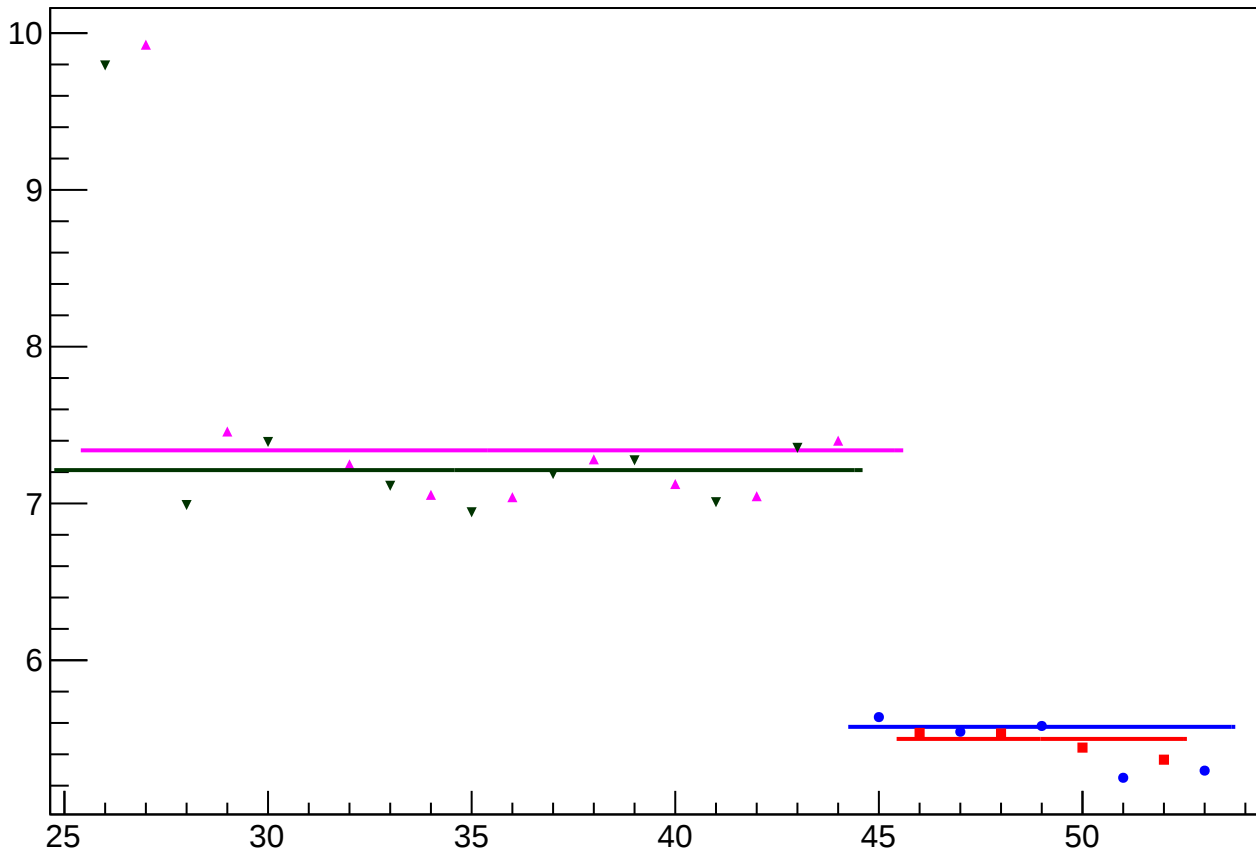
0.300+/-0.000 χ^2/NDF : 1232584.0/13

Right Out: 0.266+/-0.000 χ^2/NDF : 515639.4/3

0.305+/-0.000 χ^2/NDF : 1069767.1/12

Left In: 0.322+/-0.000 χ^2/NDF : 461575.4/8

yield_sam5_mean vs slug



Right In: 5.575+/-0.000 χ^2/NDF : 34561865.6/4

Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

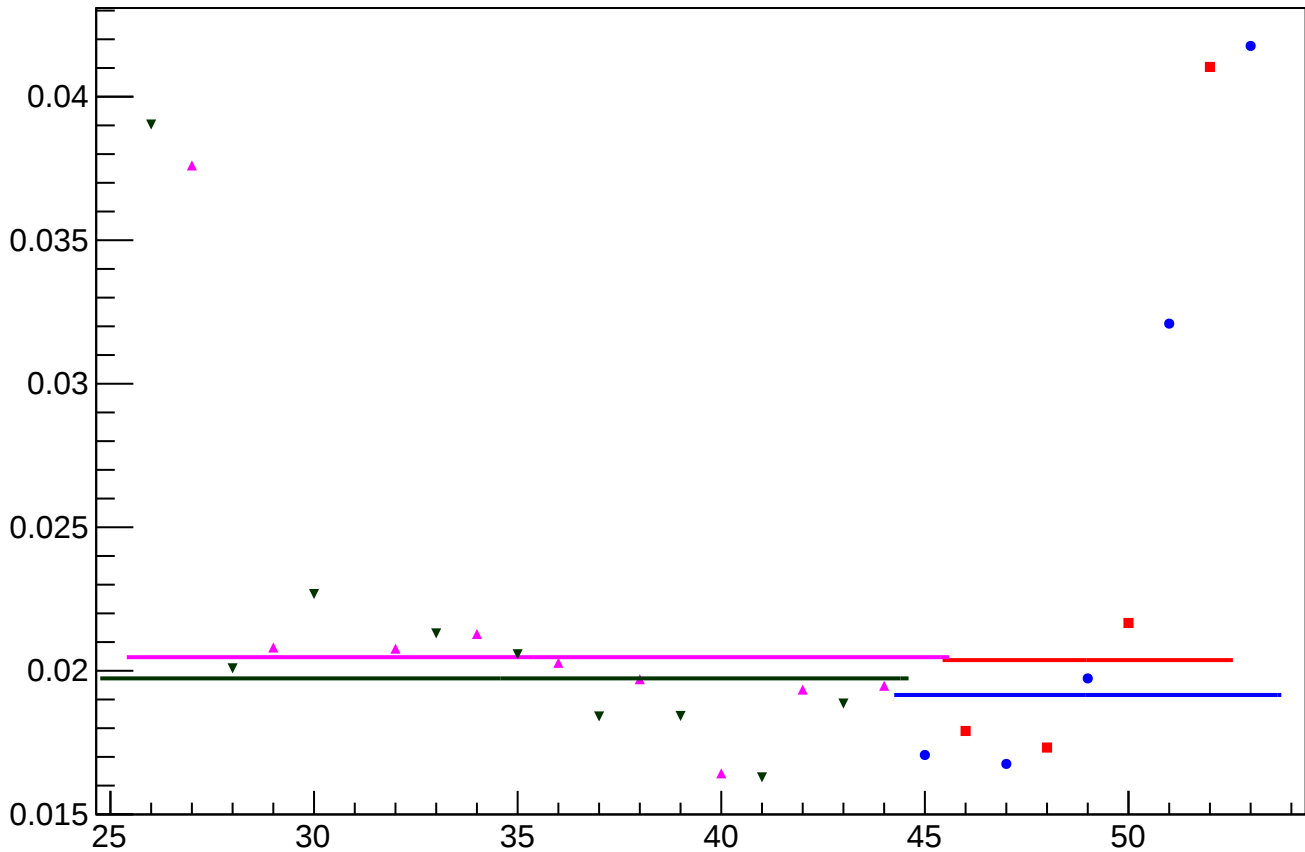
Right Out: 5.498+/-0.000 χ^2/NDF : 11750644.4/3

Left In: 7.339+/-0.000 χ^2/NDF : 4002199265.2/8

6.654+/-0.000 χ^2/NDF : 12869804286.4/13

6.890+/-0.000 χ^2/NDF : 14177115064.7/12

yield_sam5_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 319202.1/4

Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

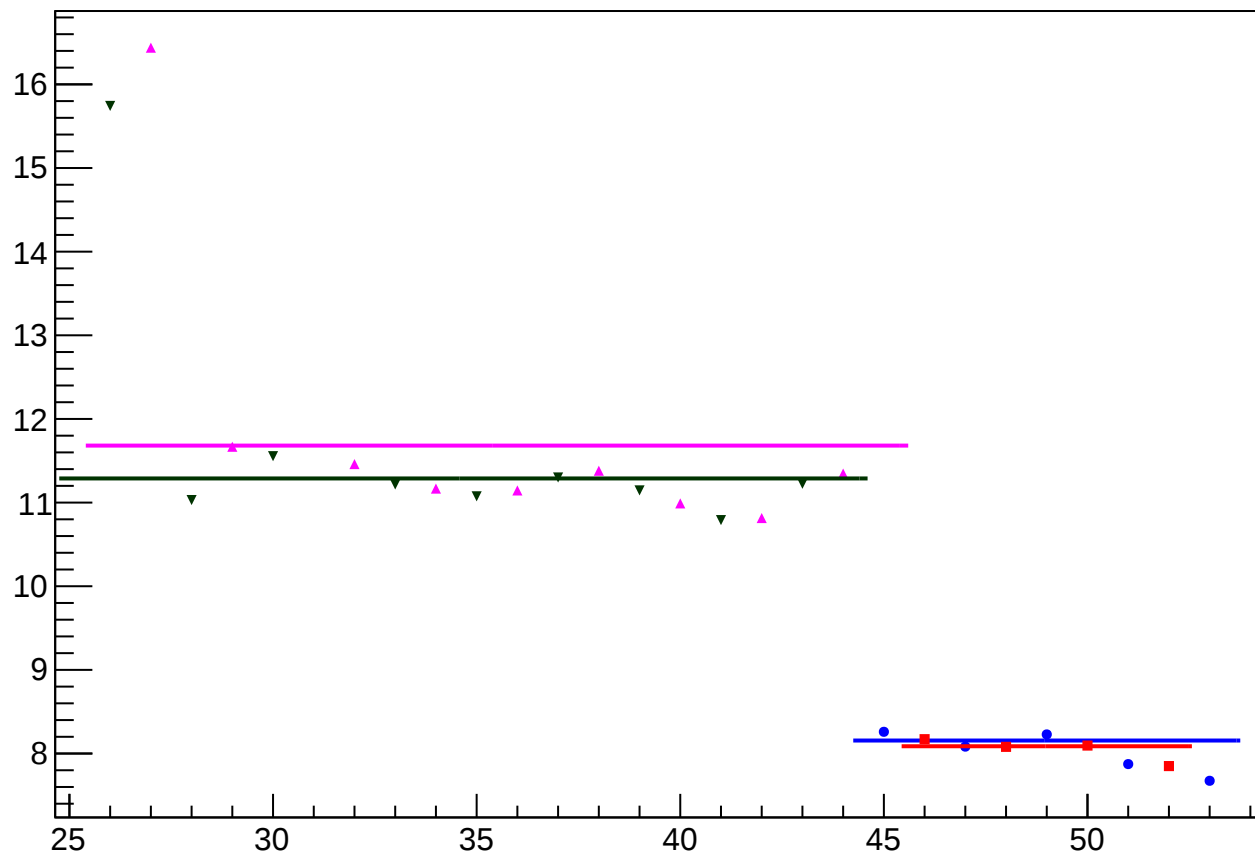
0.020+/-0.000 χ^2/NDF : 642638.9/13

Right Out: 0.020+/-0.000 χ^2/NDF : 292630.5/3

0.020+/-0.000 χ^2/NDF : 673023.5/12

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

yield_sam6_mean vs slug



Right In: 8.155+/-0.000 χ^2/NDF : 12879648.4/4

Left Out: 11.289+/-0.000 χ^2/NDF : 475112866.3/8

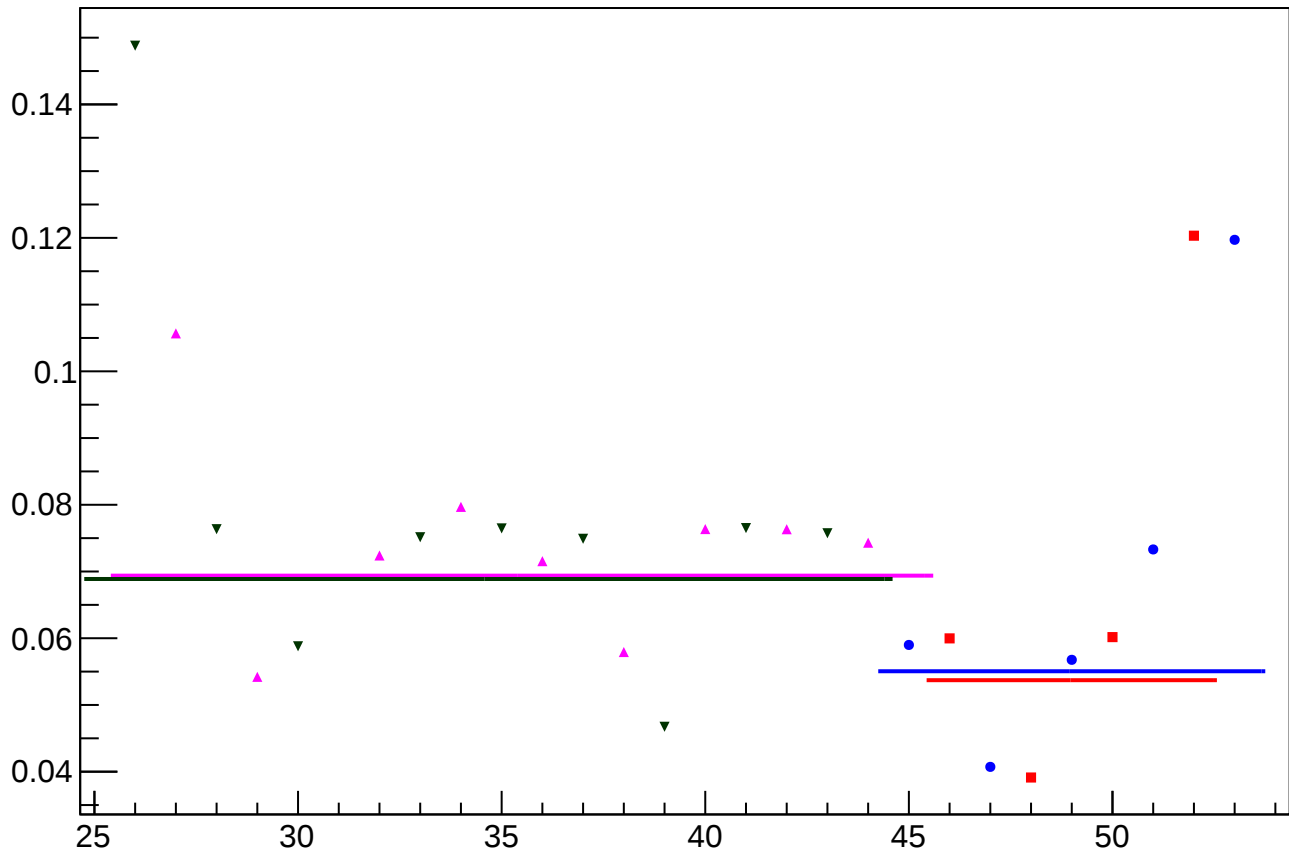
Right Out: 8.087+/-0.000 χ^2/NDF : 2719864.6/3

Left In: 11.681+/-0.000 χ^2/NDF : 1757981772.9/8

9.915+/-0.000 χ^2/NDF : 4363579412.8/13

10.450+/-0.000 χ^2/NDF : 6448023261.1/12

yield_sam6_rms vs slug



Right In: 0.055+/-0.000 χ^2/NDF : 390216.6/4

Left Out: 0.069+/-0.000 χ^2/NDF : 542333.9/8

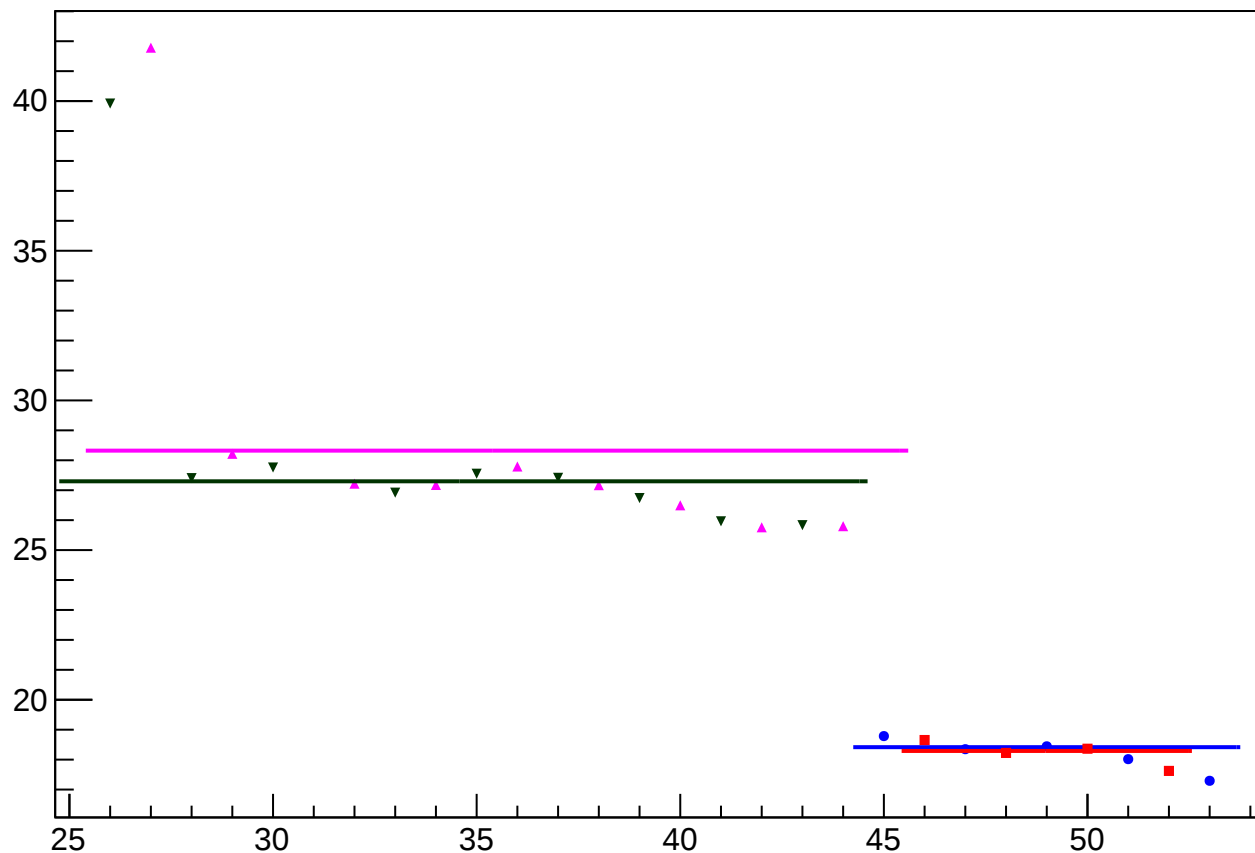
Right Out: 0.054+/-0.000 χ^2/NDF : 440851.2/3

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

0.063+/-0.000 χ^2/NDF : 1083501.5/13

0.064+/-0.000 χ^2/NDF : 1001673.9/12

yield_sam7_mean vs slug



Right In: 18.416+/-0.000 χ^2/NDF : 42134521.7/4

Left Out: 27.298+/-0.000 χ^2/NDF :1975060613.1/8

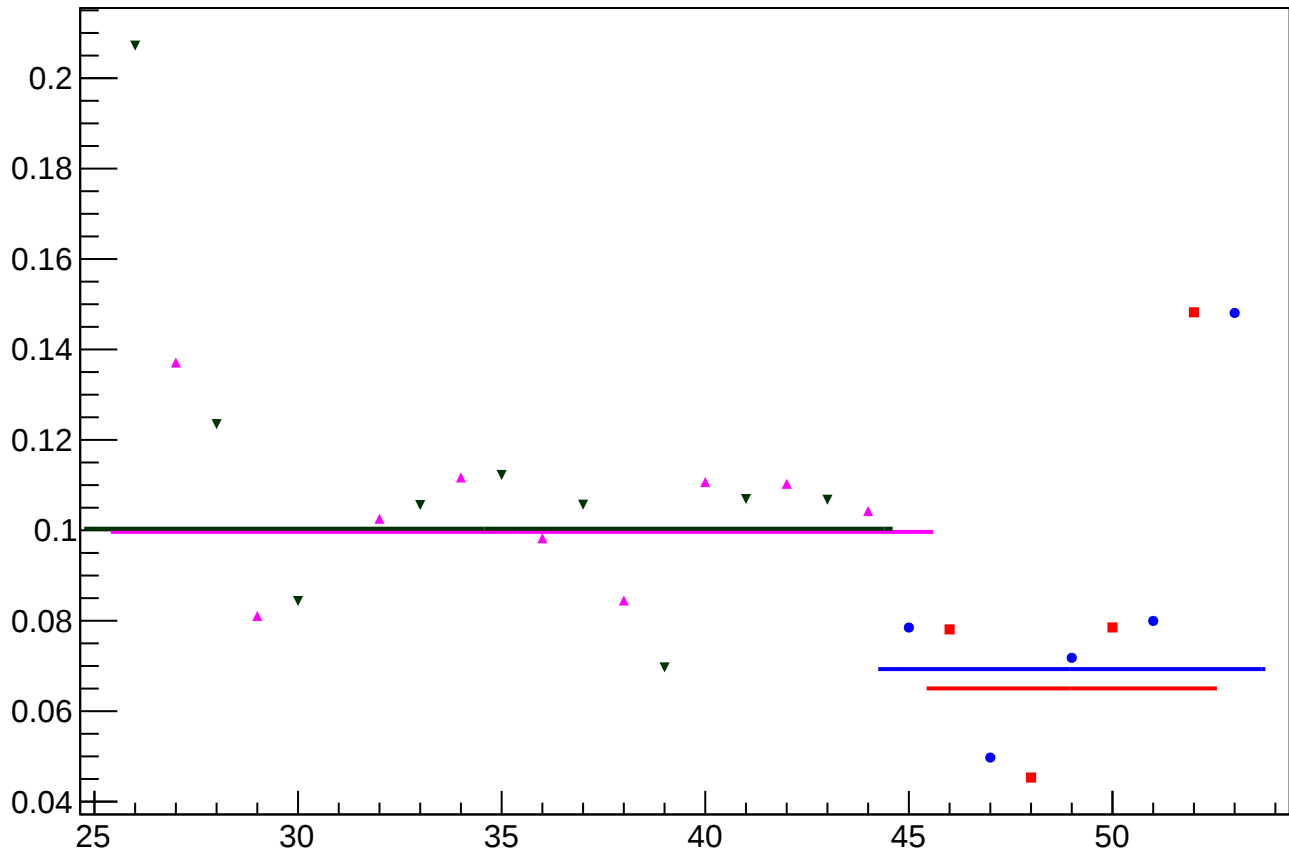
Right Out: 18.290+/-0.000 χ^2/NDF : 19594219.4/3

Left In: 28.322+/-0.000 χ^2/NDF :8116696622.8/8

22.786+/-0.000 χ^2/NDF : 18868622494.5/13

24.198+/-0.000 χ^2/NDF : 29223729570.1/12

yield_sam7_rms vs slug



Right In: 0.069±/-0.000 χ^2 /NDF: 411437.2/4

Left Out: 0.100±/-0.000 χ^2 /NDF: 509899.4/8

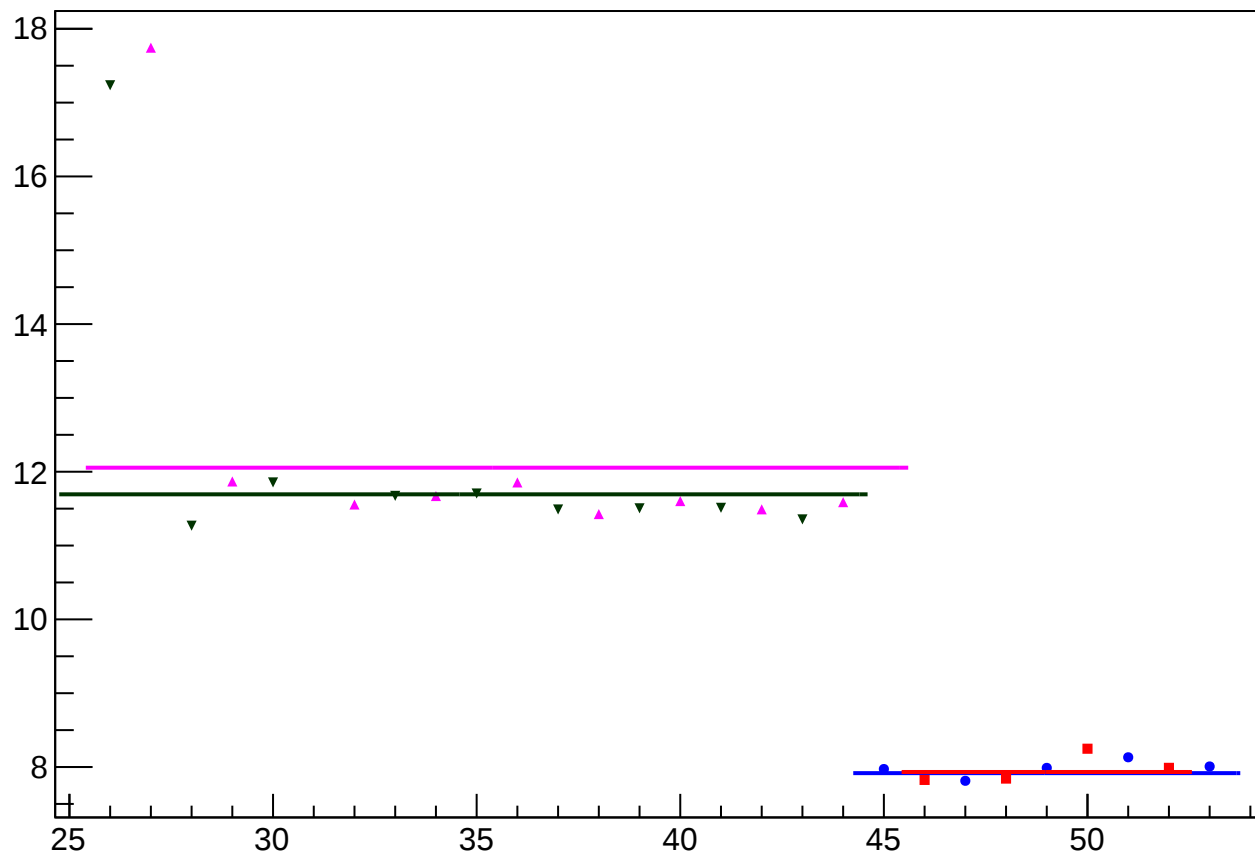
Right Out: 0.065±/-0.000 χ^2 /NDF: 518306.9/3

Left In: 0.100±/-0.000 χ^2 /NDF: 255418.8/8

0.085±/-0.000 χ^2 /NDF: 1333275.6/13

0.085±/-0.000 χ^2 /NDF: 1275941.4/12

yield_sam8_mean vs slug



Right In: 7.917+/-0.000 χ^2/NDF : 13740379.5/4

Left Out: 11.694+/-0.000 χ^2/NDF : 1571804703.3/8

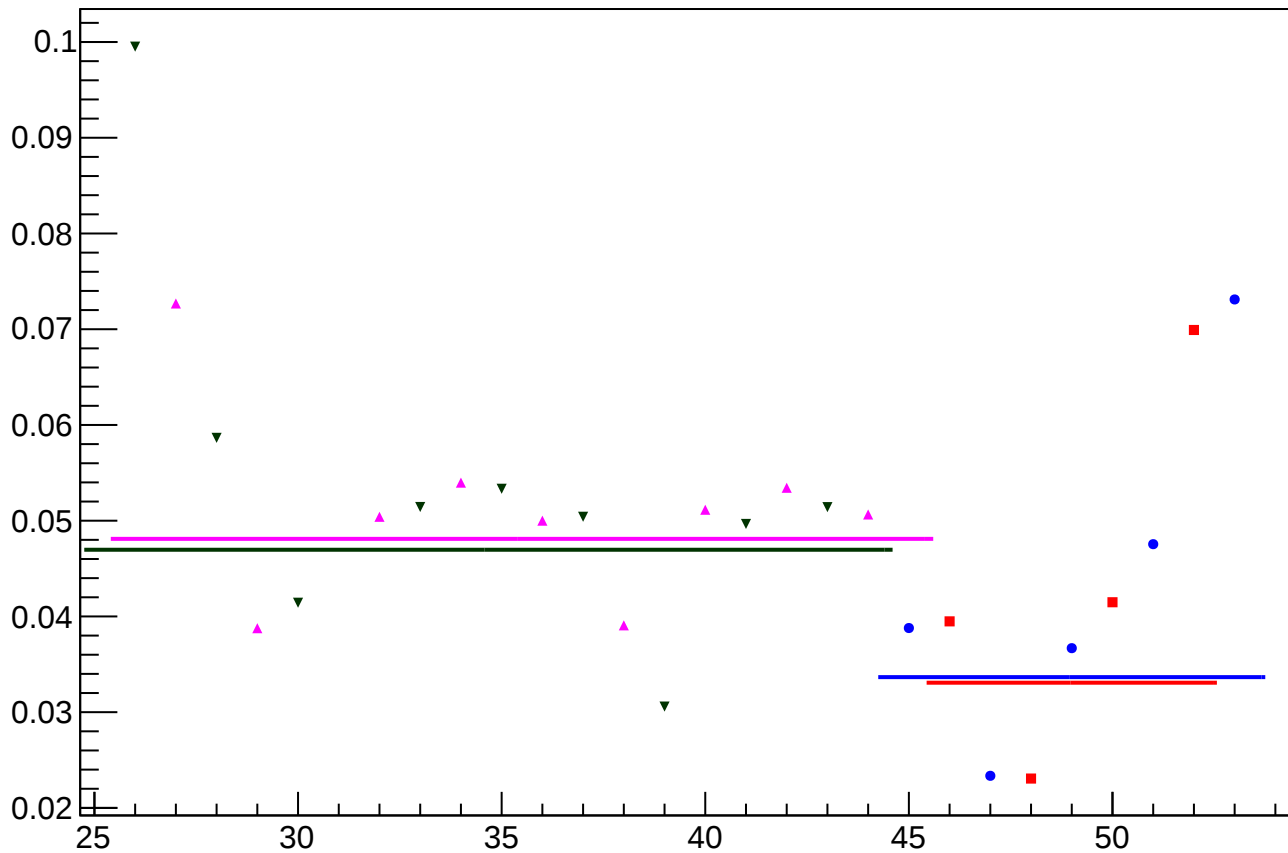
Right Out: 7.933+/-0.000 χ^2/NDF : 37246072.4/3

Left In: 12.055+/-0.000 χ^2/NDF : 5109226136.0/8

9.872+/-0.000 χ^2/NDF : 15021404326.7/13

10.453+/-0.000 χ^2/NDF : 19659822675.3/12

yield_sam8_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 472919.1/4

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

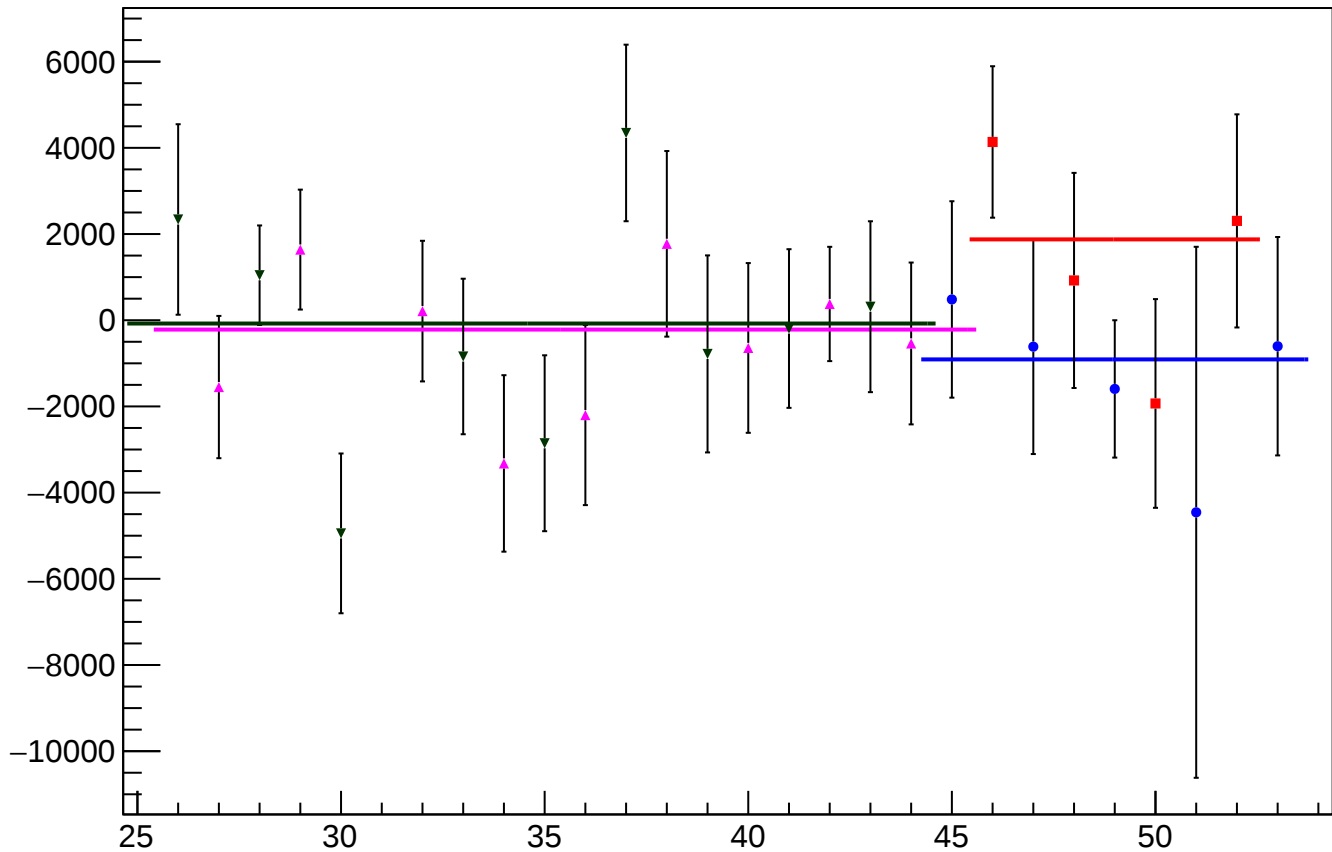
Right Out: 0.033+/-0.000 χ^2/NDF : 494944.2/3

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.041+/-0.000 χ^2/NDF : 1418584.8/13

0.042+/-0.000 χ^2/NDF : 1229387.5/12

cor_sam1_mean vs slug



Right In: -909.041 ± 1037.207 χ^2/NDF : 0.9/4

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

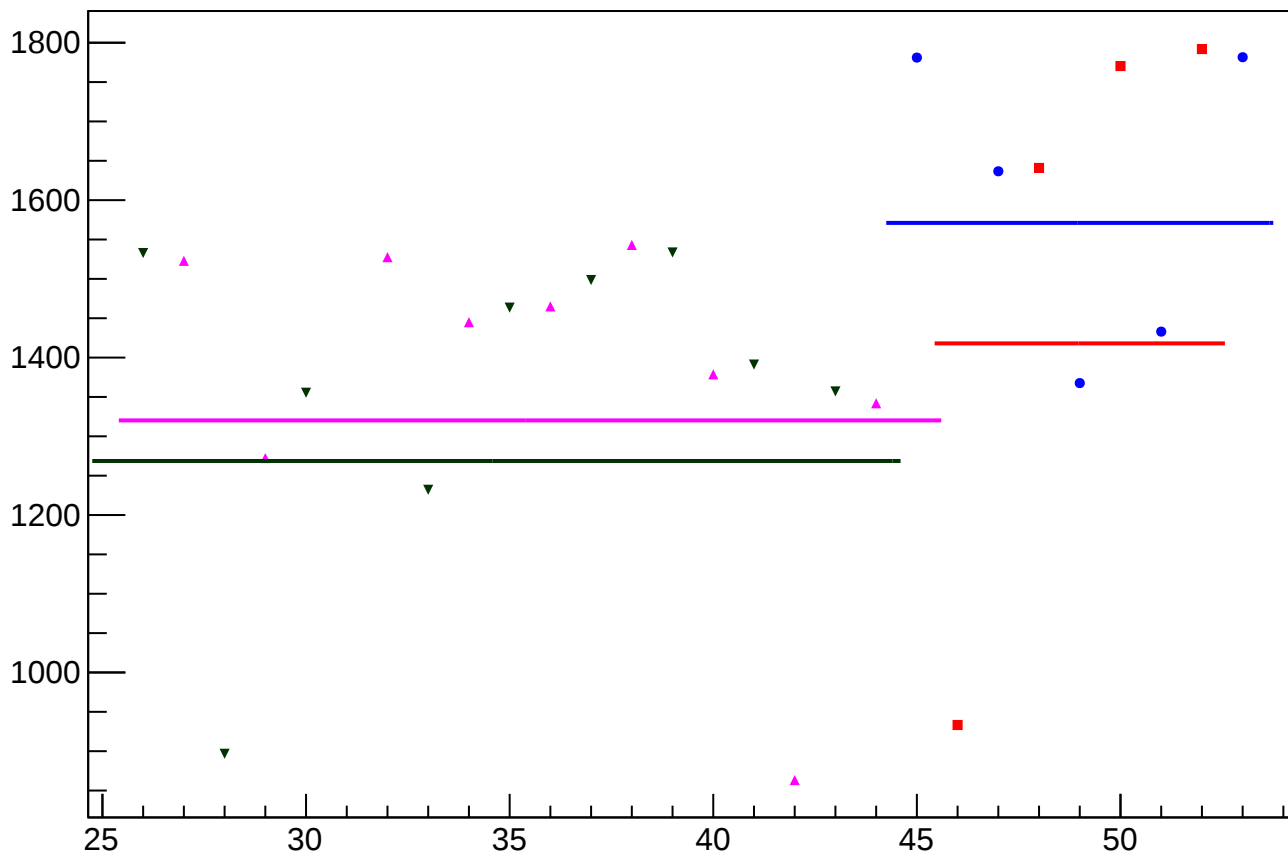
Right Out: 1875.877 ± 1105.336 χ^2/NDF : 4.3/3

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-285.554 ± 519.759 χ^2/NDF : 17.3/13

225.625 ± 508.253 χ^2/NDF : 14.0/12

cor_sam1_rms vs slug



Right In: 1571.118+/-0.733 χ^2/NDF : 65782.3/4

Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

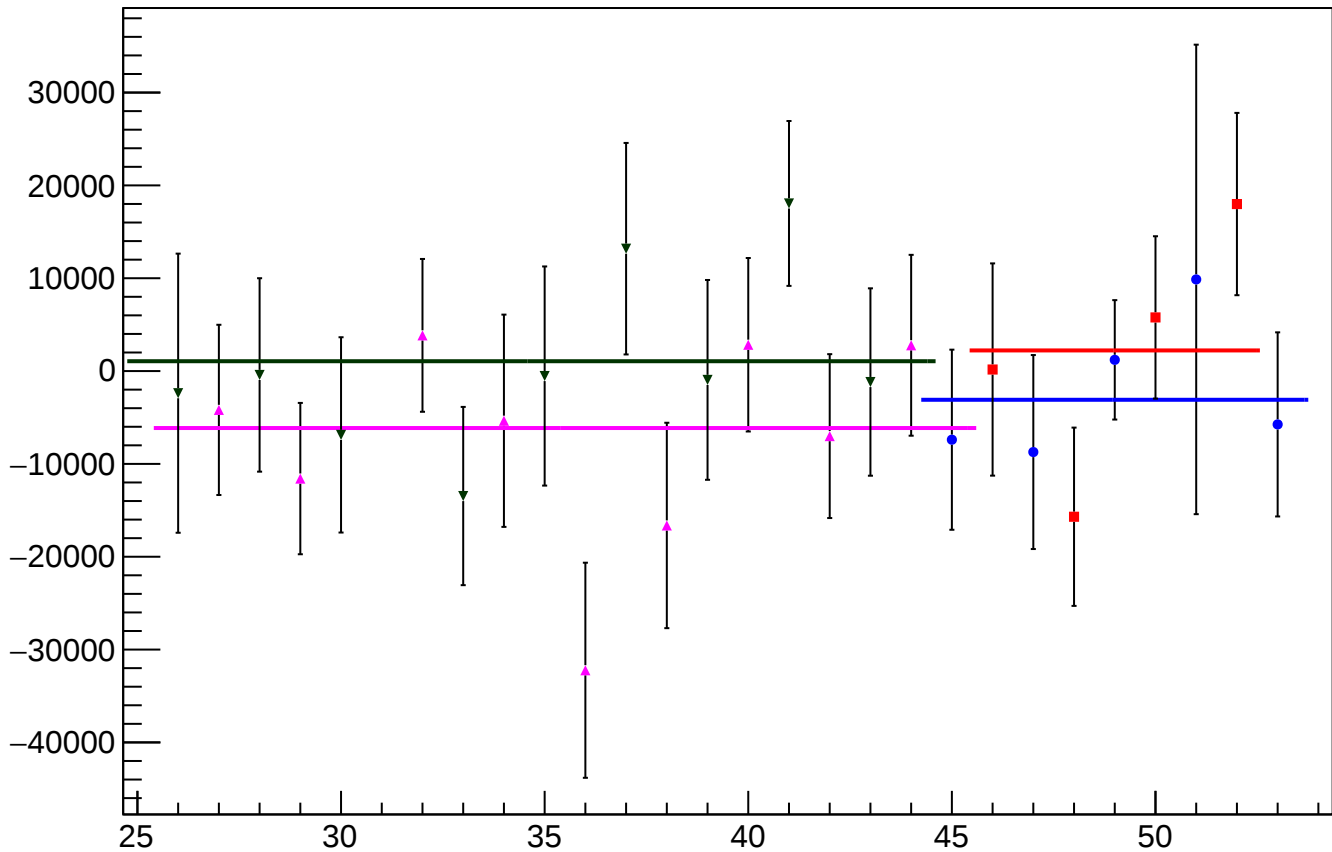
Right Out: 1418.052+/-0.782 χ^2/NDF : 256248.0/3

Left In: 1320.223+/-0.405 χ^2/NDF : 342759.8/8

1344.610+/-0.368 χ^2/NDF : 517546.2/13

1340.907+/-0.359 χ^2/NDF : 611361.9/12

cor_sam2_mean vs slug



Right In: -3093.109 $\pm$ 4237.307 χ^2/NDF : 1.3/4

Left Out: 1060.376 $\pm$ 3545.636 χ^2/NDF : 7.8/8

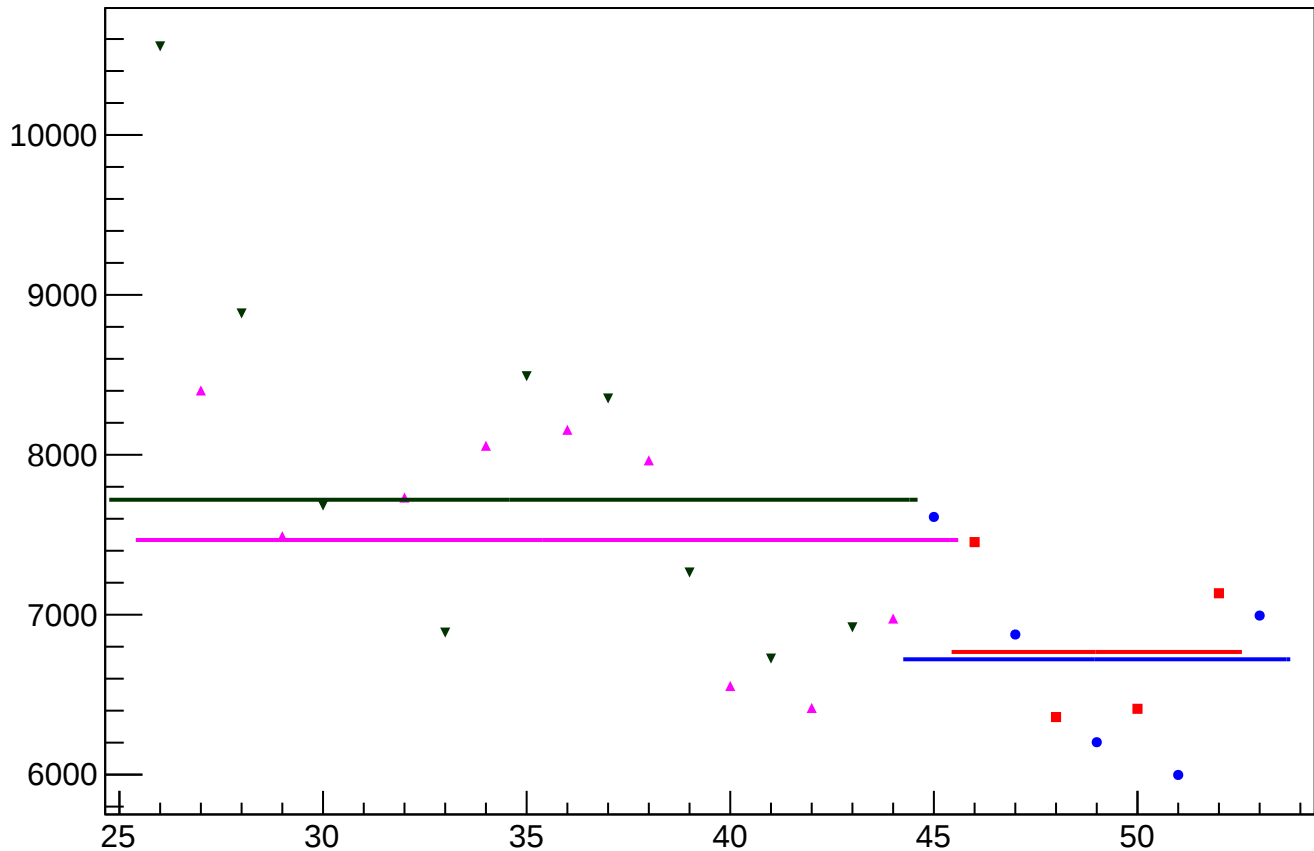
Right Out: 2222.532 $\pm$ 4882.483 χ^2/NDF : 6.3/3

Left In: -6136.125 $\pm$ 3165.179 χ^2/NDF : 9.7/8

-650.138 $\pm$ 2719.237 χ^2/NDF : 9.7/13

-3662.781 $\pm$ 2655.919 χ^2/NDF : 18.0/12

cor_sam2_rms vs slug



Right In: 6721.154+/-2.996 χ^2/NDF : 33441.1/4

Left Out: 7718.910+/-2.507 χ^2/NDF : 166985.2/8

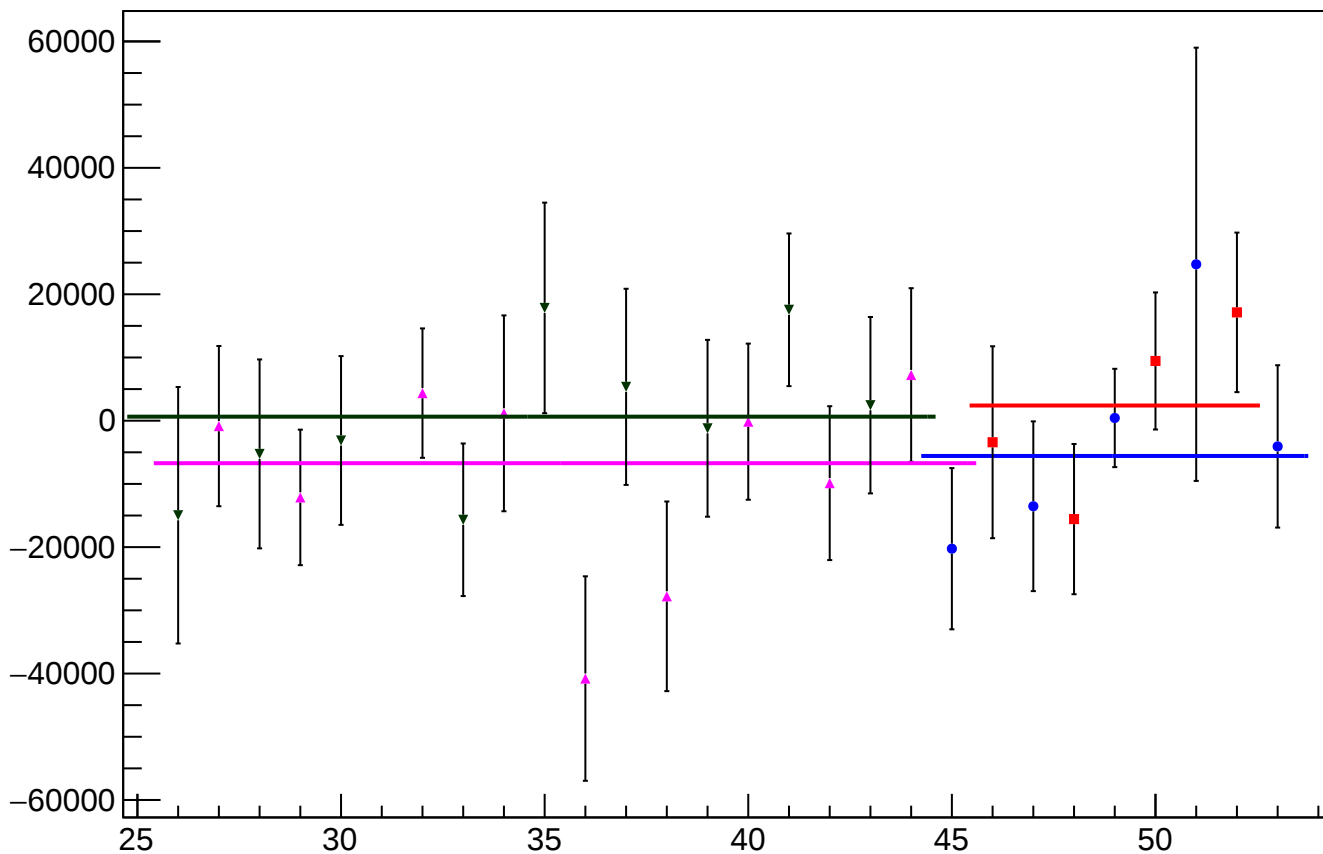
Right Out: 6767.084+/-3.452 χ^2/NDF : 16917.2/3

Left In: 7467.189+/-2.238 χ^2/NDF : 91848.7/8

7308.008+/-1.923 χ^2/NDF : 265649.8/13

7260.026+/-1.878 χ^2/NDF : 137719.9/12

cor_sam3_mean vs slug



Right In: -5577.508 $\pm$ 5333.866 χ^2 /NDF: 3.1/4

Left Out: 639.789 $\pm$ 4753.910 χ^2 /NDF: 5.8/8

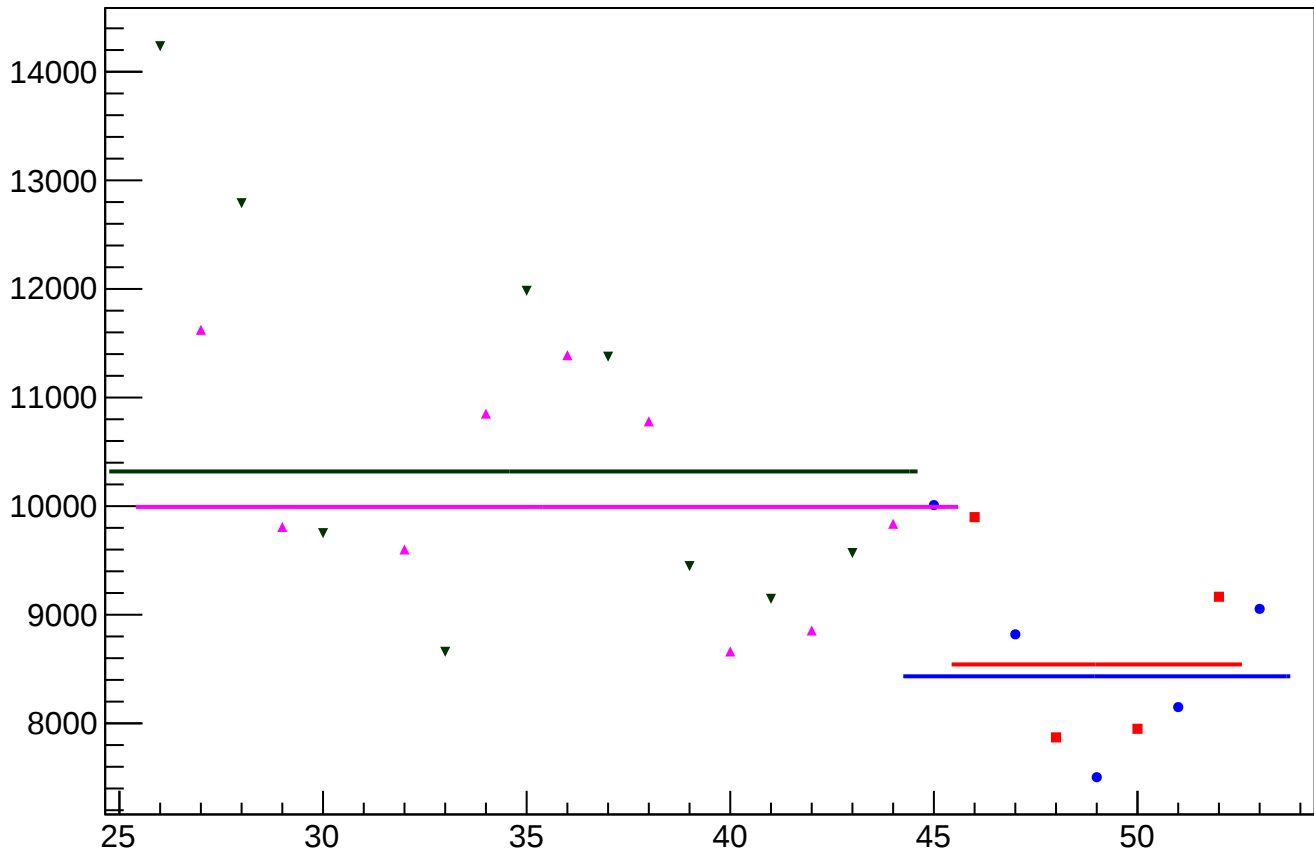
Right Out: 2403.845 $\pm$ 6177.139 χ^2 /NDF: 4.2/3

Left In: -6721.702 $\pm$ 4244.047 χ^2 /NDF: 9.7/8

-2112.599 $\pm$ 3548.919 χ^2 /NDF: 9.6/13

-3795.375 $\pm$ 3497.996 χ^2 /NDF: 15.4/12

cor_sam3_rms vs slug



Right In: 8433.056+/-3.772 χ^2/NDF : 65590.1/4

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

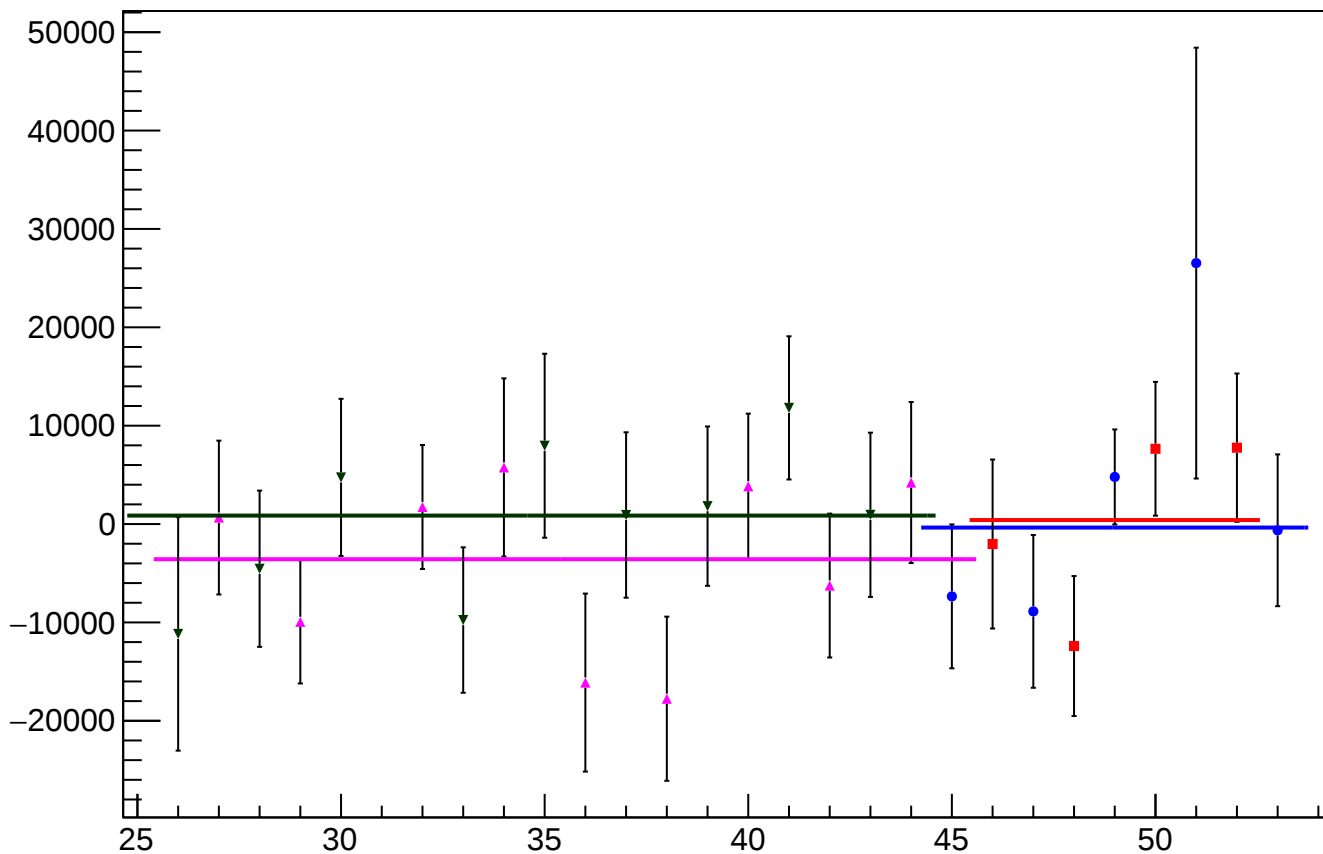
9484.388+/-2.509 χ^2/NDF : 437285.7/13

Right Out: 8542.421+/-4.368 χ^2/NDF : 33220.8/3

9527.915+/-2.473 χ^2/NDF : 212367.4/12

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: -355.904+/-3209.903 χ^2/NDF : 4.8/4

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

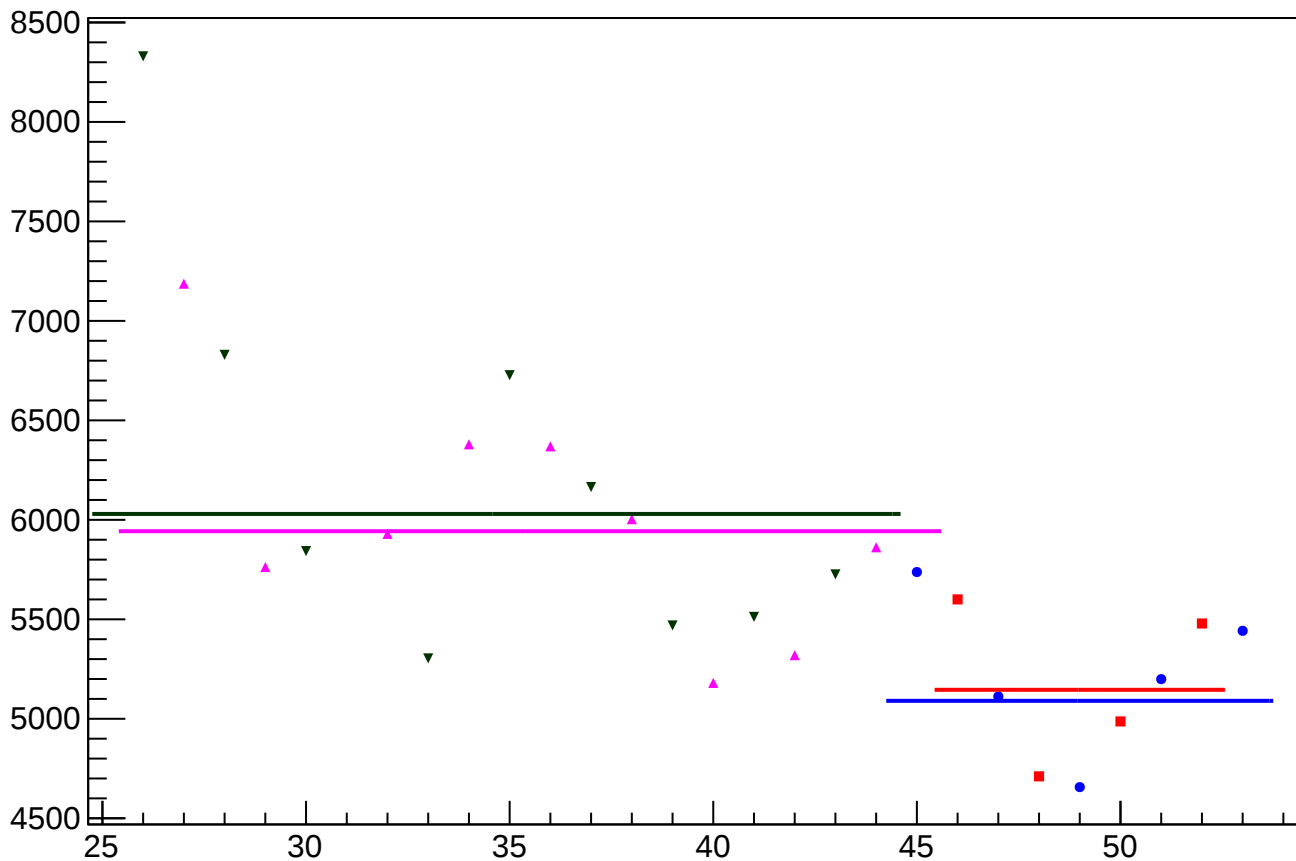
Right Out: 408.351+/-3713.107 χ^2/NDF : 5.4/3

Left In: -3574.359+/-2517.724 χ^2/NDF : 10.0/8

342.636+/-2094.118 χ^2/NDF : 11.5/13

-2319.961+/-2083.847 χ^2/NDF : 16.2/12

cor_sam4_rms vs slug



Right In: 5090.289+/-2.270 χ^2/NDF : 36033.3/4

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

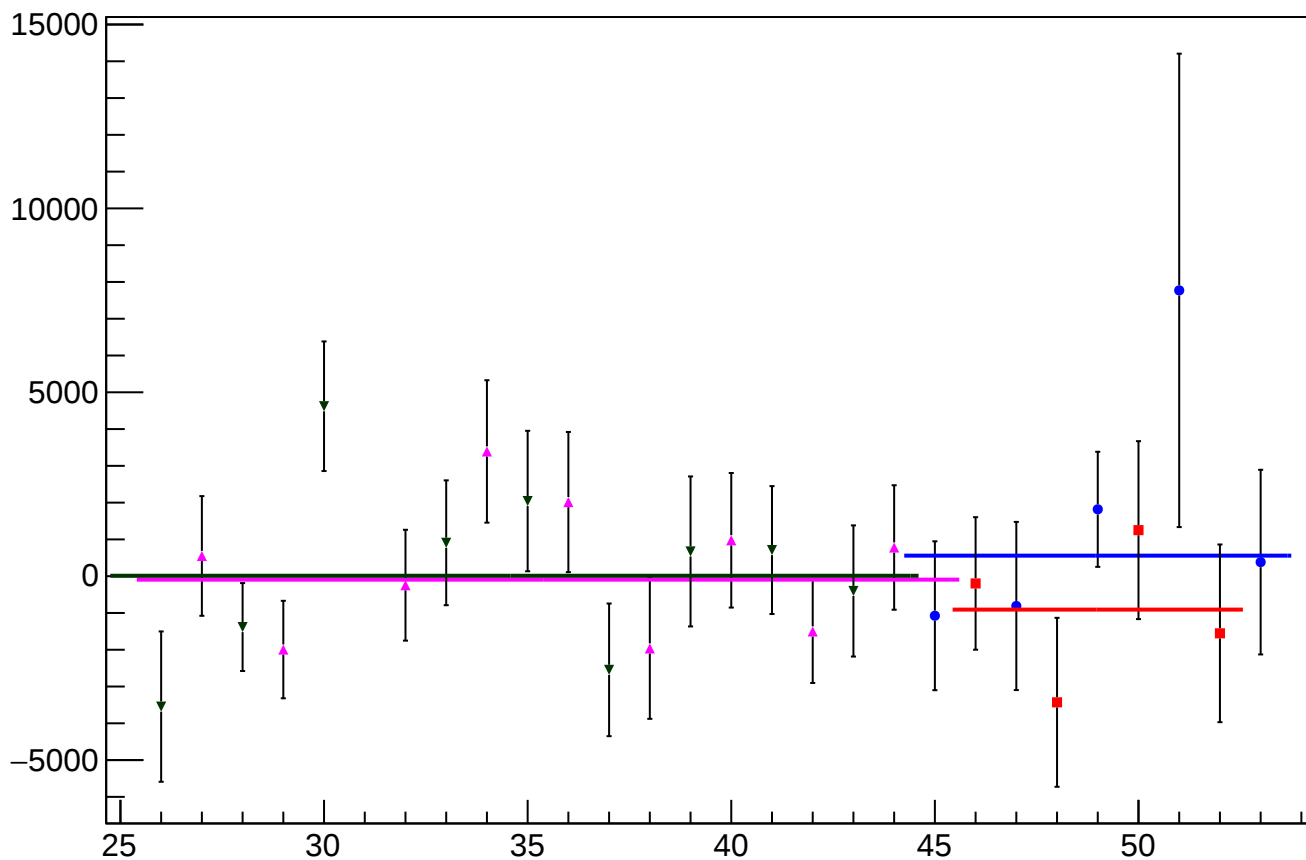
Right Out: 5145.712+/-2.626 χ^2/NDF : 18078.3/3

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5629.873+/-1.481 χ^2/NDF : 284164.8/13

5691.806+/-1.474 χ^2/NDF : 178782.8/12

cor_sam5_mean vs slug



Right In: 558.580+/-986.895 χ^2/NDF : 2.9/4

Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

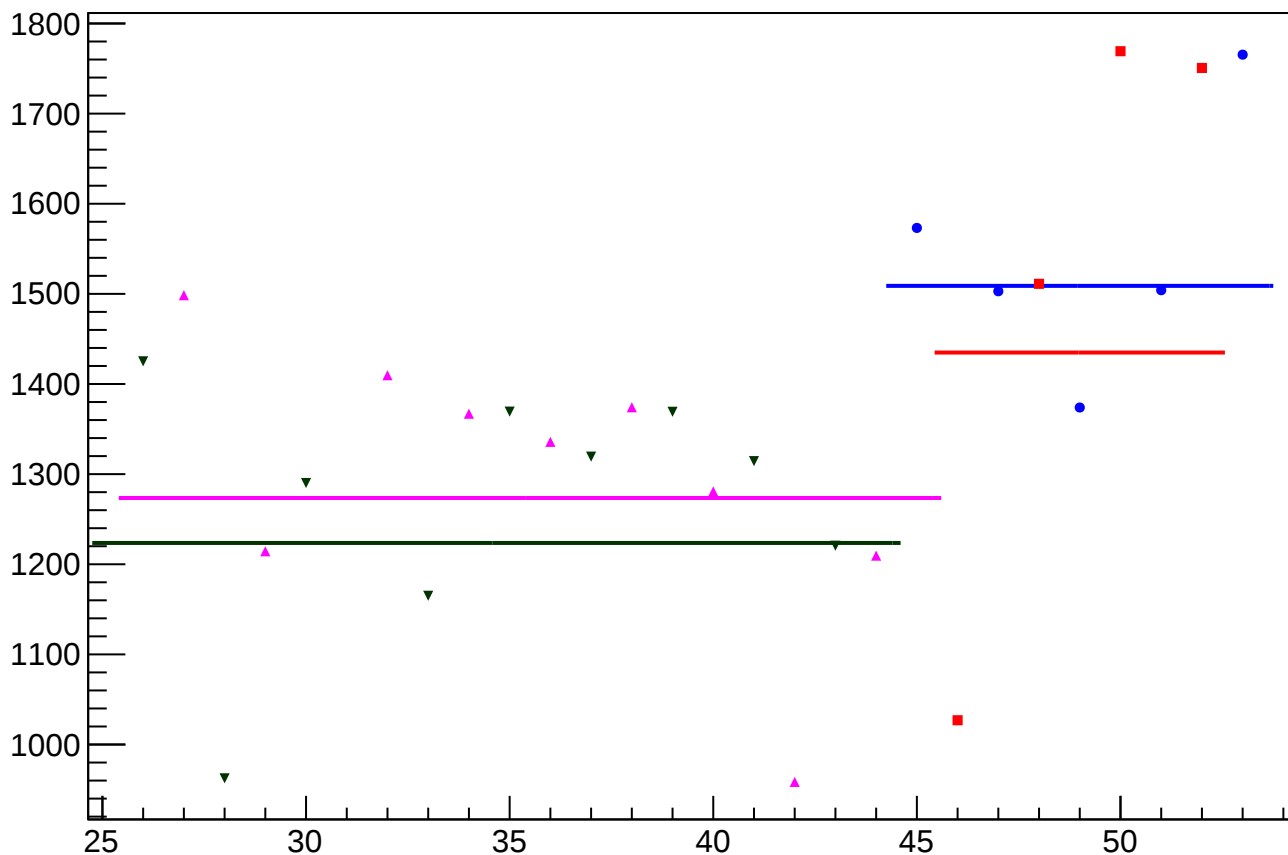
Right Out: -908.638+/-1091.174 χ^2/NDF : 2.2/3

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

148.340+/-493.706 χ^2/NDF : 18.1/13

-256.864+/-487.949 χ^2/NDF : 11.9/12

cor_sam5_rms vs slug



Right In: 1508.893 $\pm$ 0.698 χ^2 /NDF: 37798.7/4

Left Out: 1223.657 $\pm$ 0.403 χ^2 /NDF:153036.7/8

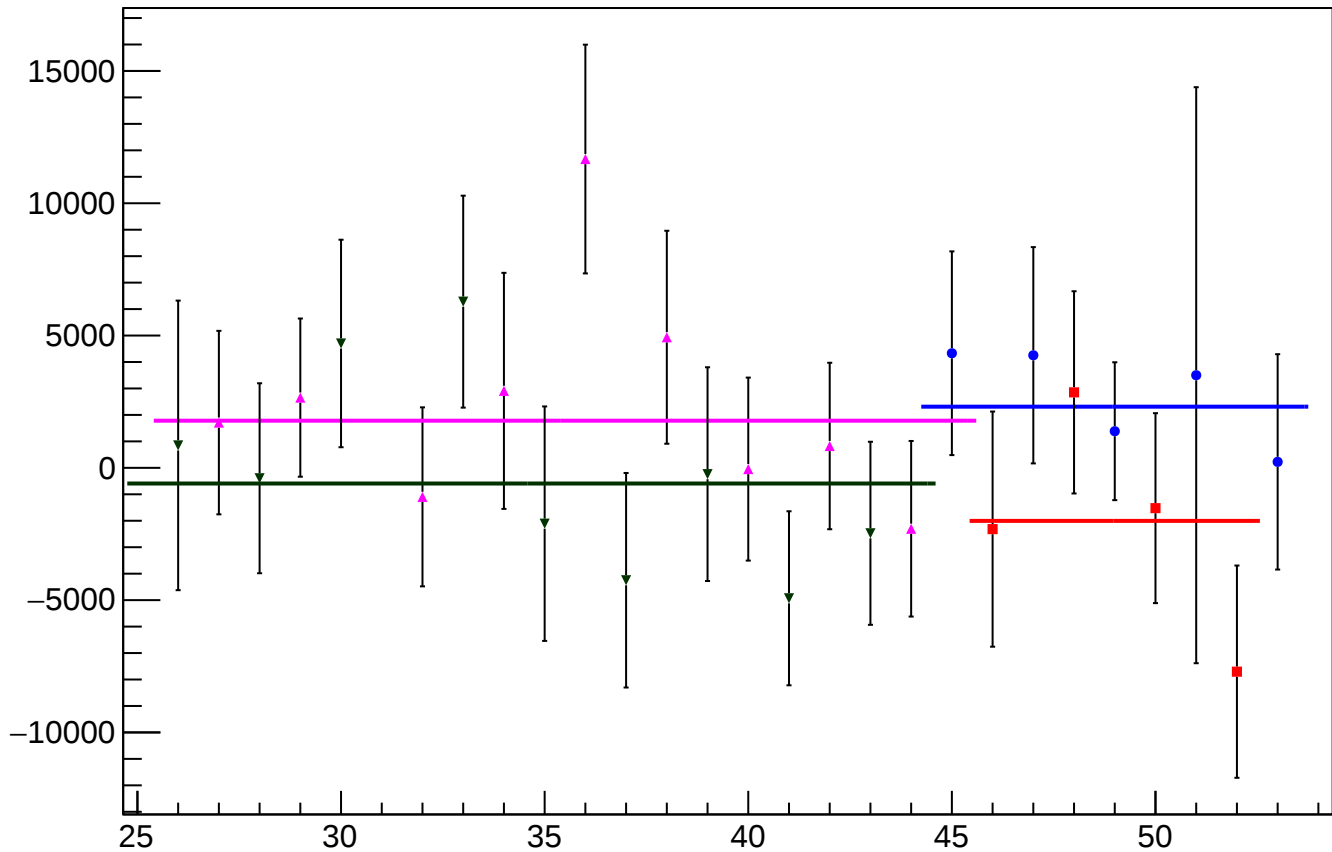
Right Out: 1434.909 $\pm$ 0.772 χ^2 /NDF: 177131.0/3

Left In: 1273.541 $\pm$ 0.386 χ^2 /NDF:174992.2/8

1295.041 $\pm$ 0.349 χ^2 /NDF: 316093.2/13

1305.809 $\pm$ 0.345 χ^2 /NDF: 387116.5/12

cor_sam6_mean vs slug



Right In: 2311.890 ± 1706.305 $\chi^2/\text{NDF}: 0.9/4$

Left Out: -592.543 ± 1304.748 $\chi^2/\text{NDF}: 7.8/8$

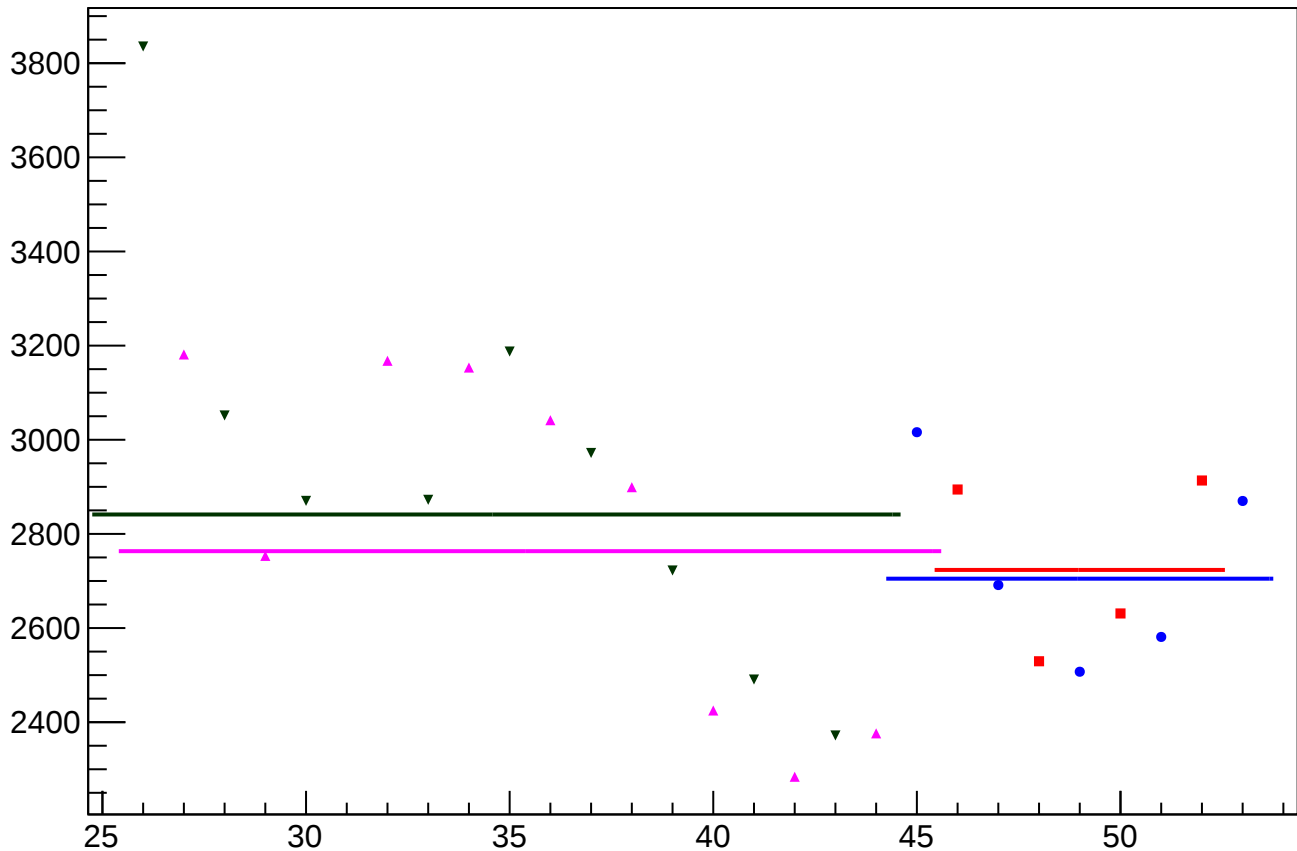
Right Out: -2004.885 ± 1965.406 $\chi^2/\text{NDF}: 3.7/3$

Left In: 1782.022 ± 1175.711 $\chi^2/\text{NDF}: 8.6/8$

479.104 ± 1036.458 $\chi^2/\text{NDF}: 10.5/13$

784.022 ± 1008.963 $\chi^2/\text{NDF}: 15.0/12$

cor_sam6_rms vs slug



Right In: 2704.881+/-1.207 χ^2/NDF : 28154.1/4

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

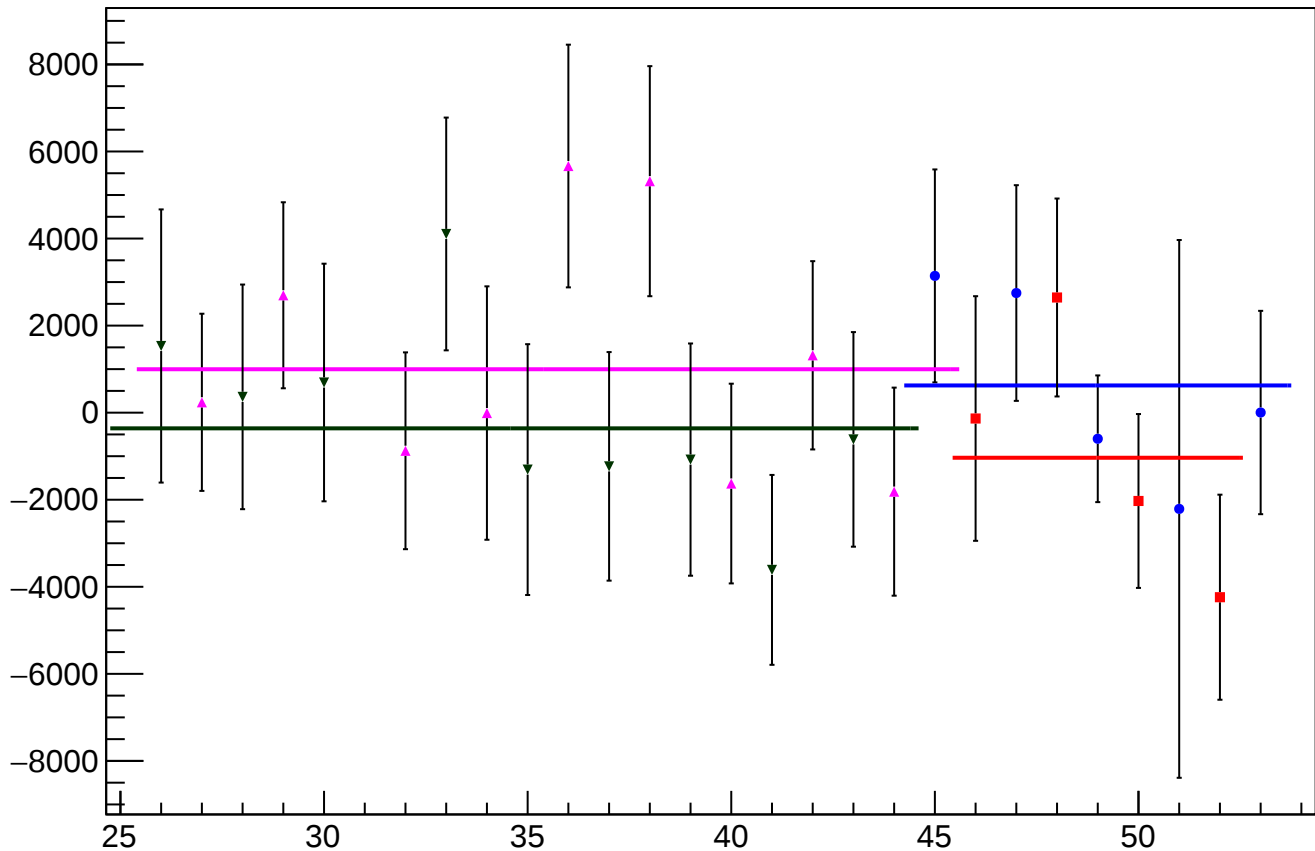
Right Out: 2723.476+/-1.390 χ^2/NDF : 13925.9/3

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

2790.943+/-0.733 χ^2/NDF : 184917.7/13

2752.829+/-0.713 χ^2/NDF : 190837.4/12

cor_sam7_mean vs slug



Right In: 625.216+/-994.176 χ^2/NDF : 2.8/4

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

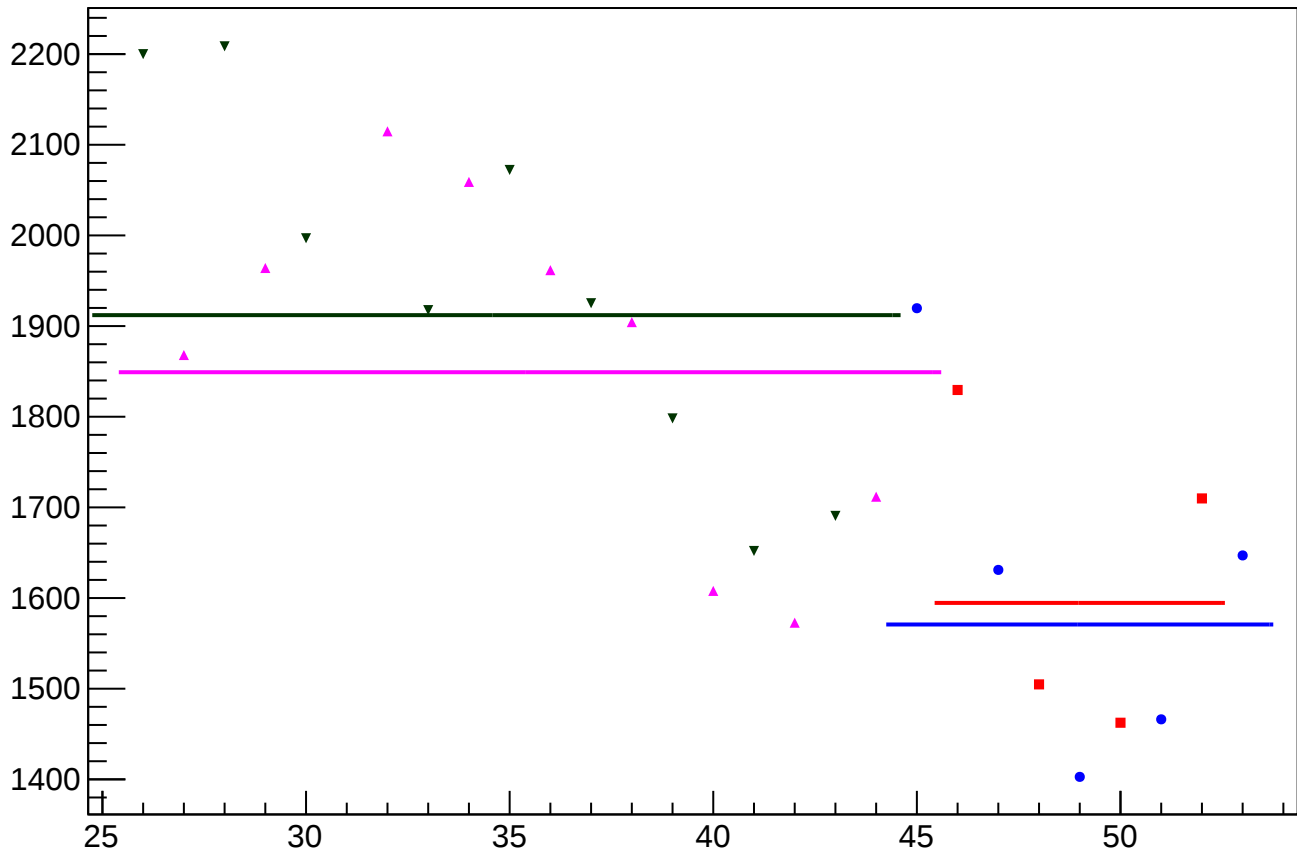
Right Out: -1035.724+/-1153.848 χ^2/NDF : 4.8/3

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

69.770+/-656.734 χ^2/NDF : 9.2/13

354.784+/-648.721 χ^2/NDF : 16.7/12

cor_sam7_rms vs slug



Right In: 1570.827 $\pm$ 0.703 χ^2 /NDF: 71249.9/4

Left Out: 1912.062 $\pm$ 0.619 χ^2 /NDF:99663.2/8

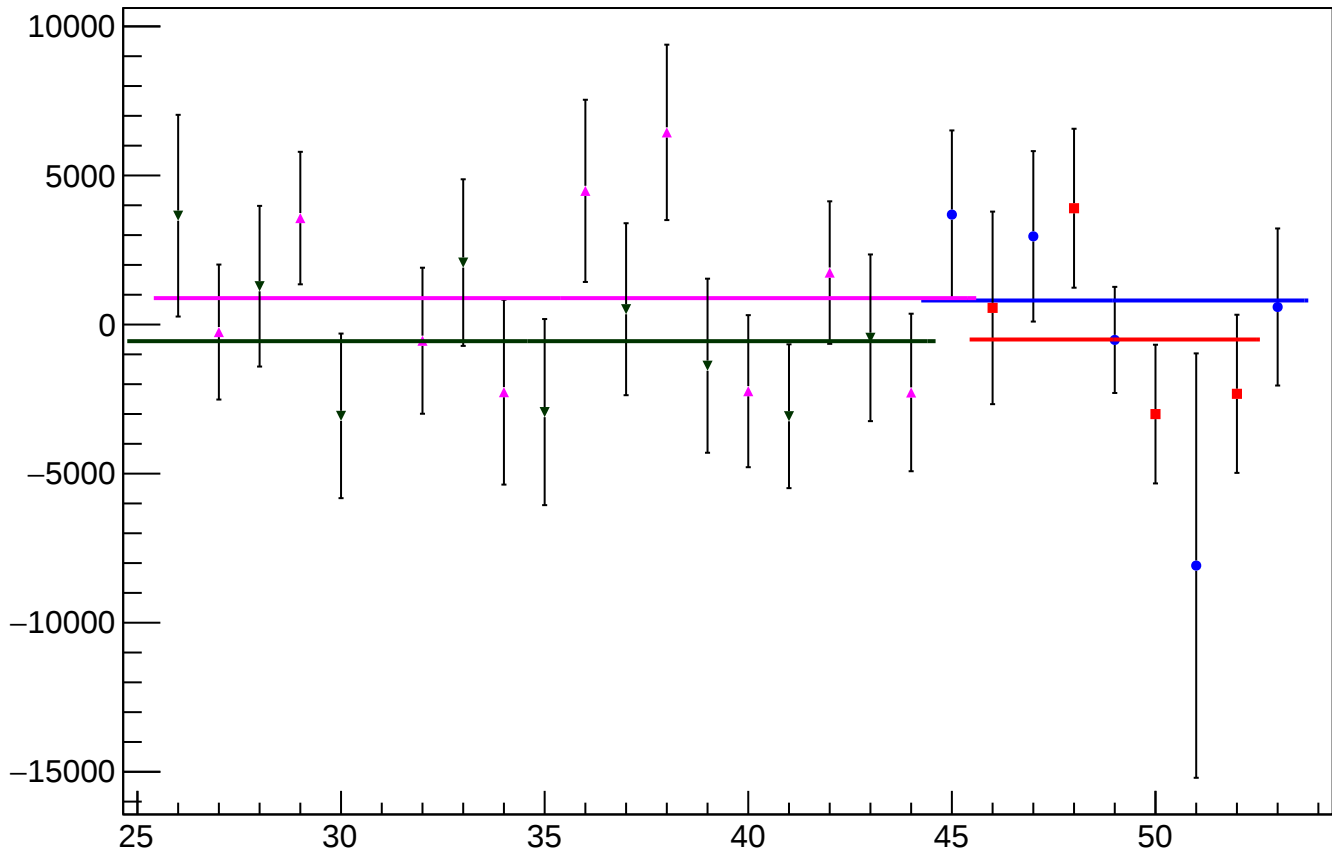
Right Out: 1594.631 $\pm$ 0.816 χ^2 /NDF: 30649.0/3

Left In: 1849.099 $\pm$ 0.555 χ^2 /NDF:109500.6/8

1763.159 $\pm$ 0.464 χ^2 /NDF: 303715.9/13

1768.663 $\pm$ 0.459 χ^2 /NDF: 206676.0/12

cor_sam8_mean vs slug



Right In: 806.904 $\pm$ 1172.415 χ^2 /NDF: 3.7/4

Left Out: -557.273 $\pm$ 942.969 χ^2 /NDF: 5.6/8

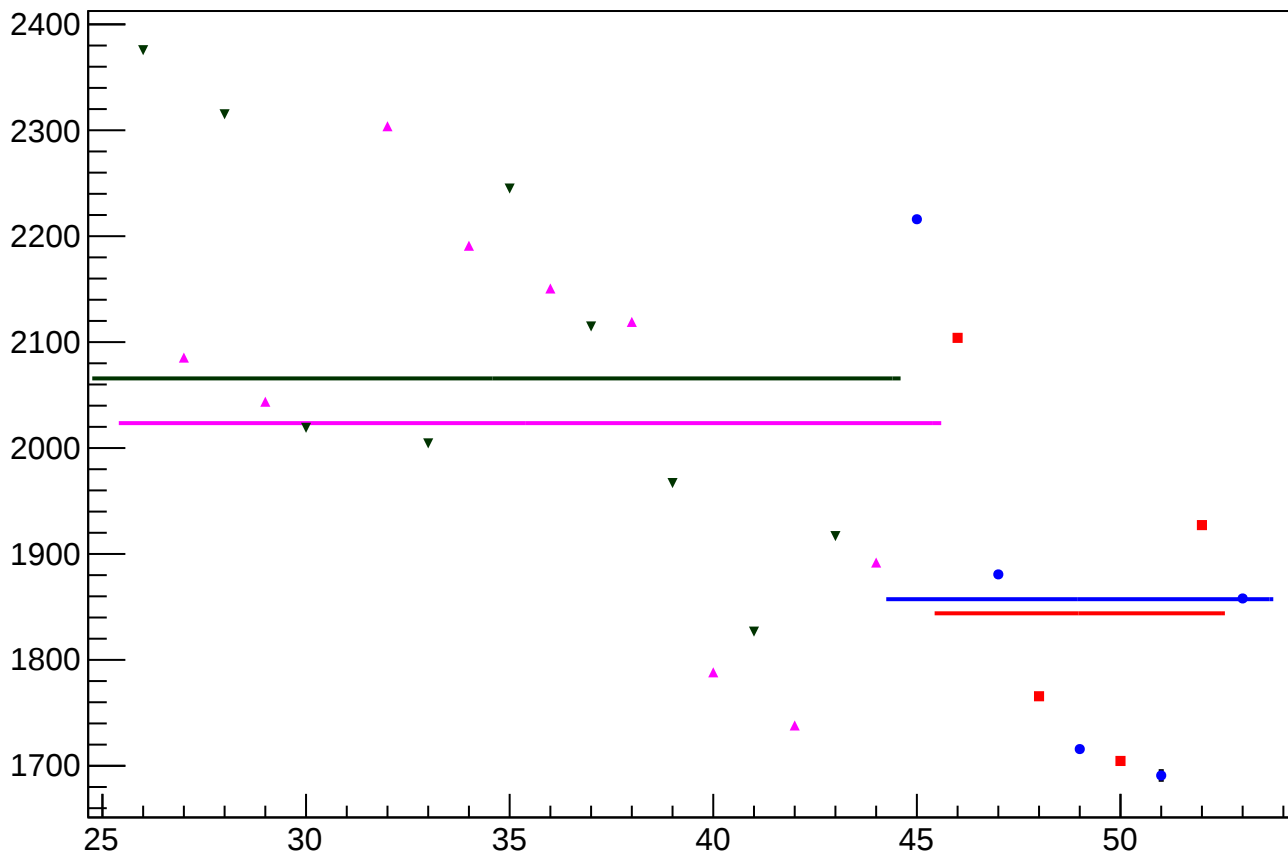
-21.431 $\pm$ 734.793 χ^2 /NDF: 10.2/13

Right Out: -501.367 $\pm$ 1331.937 χ^2 /NDF: 4.5/3

480.291 $\pm$ 720.369 χ^2 /NDF: 16.3/12

Left In: 886.158 $\pm$ 856.437 χ^2 /NDF: 11.1/8

cor_sam8_rms vs slug



Right In: 1857.299+/-0.829 χ^2/NDF : 46160.3/4

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

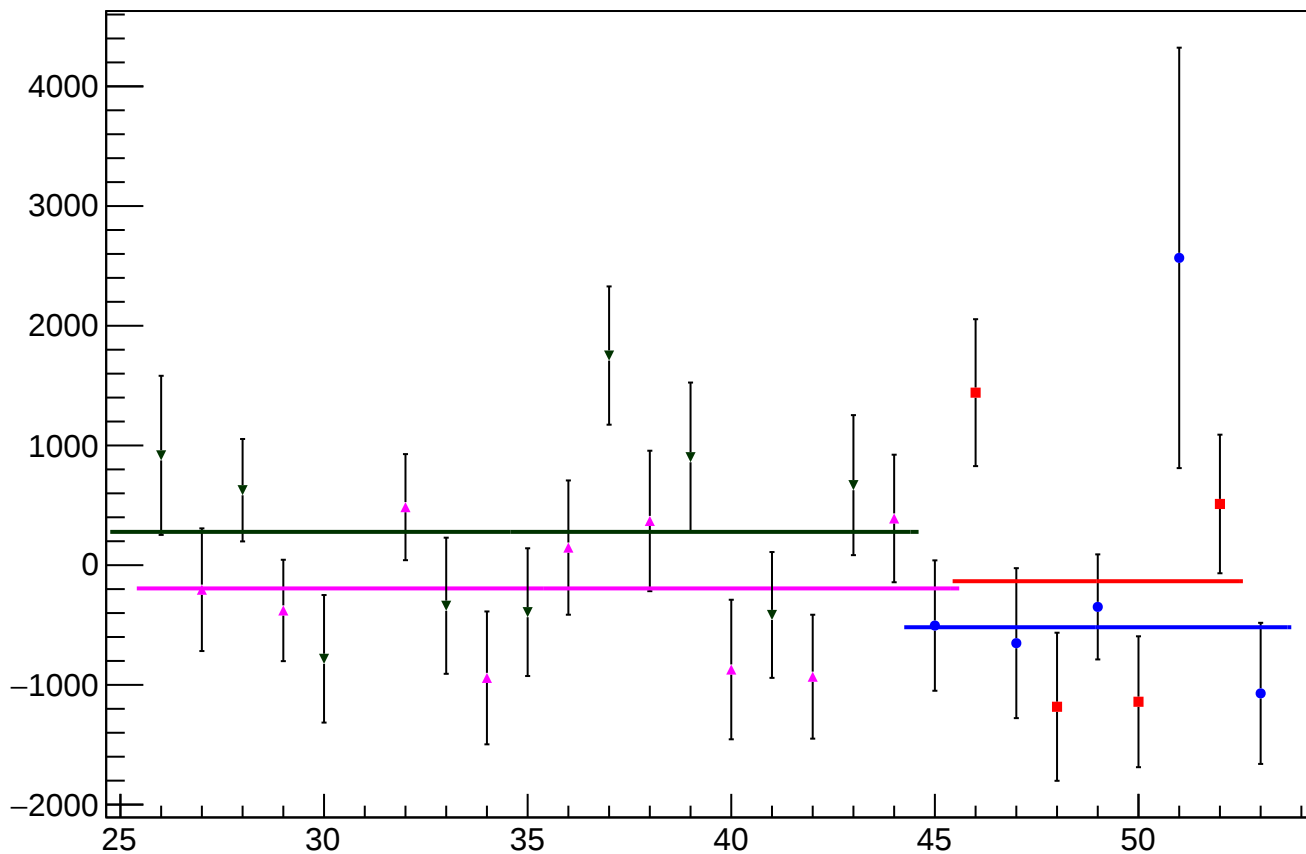
Right Out: 1843.962+/-0.942 χ^2/NDF : 23853.0/3

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1983.859+/-0.520 χ^2/NDF : 154773.8/13

1970.996+/-0.509 χ^2/NDF : 139343.5/12

reg_asym_sam1_mean vs slug



Right In: -518.428 ± 264.309 χ^2/NDF : 4.2/4

Left Out: 278.172 ± 182.670 χ^2/NDF : 18.0/8

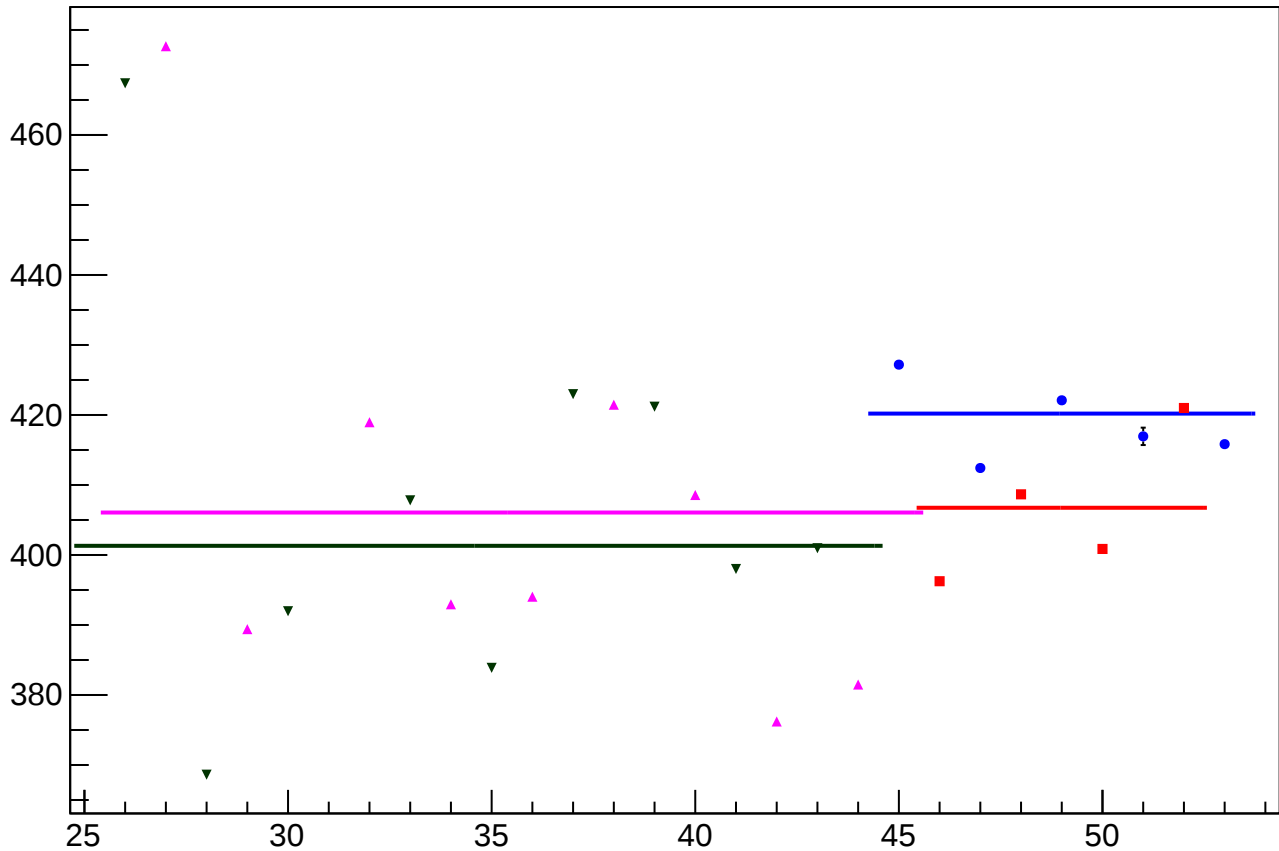
Right Out: -134.021 ± 293.628 χ^2/NDF : 14.1/3

Left In: -194.244 ± 171.477 χ^2/NDF : 10.2/8

20.672 ± 150.273 χ^2/NDF : 28.3/13

-178.928 ± 148.075 χ^2/NDF : 24.4/12

reg_asym_sam1_rms vs slug



Right In: 420.199 $\pm$ 0.187 χ^2 /NDF: 791.5/4

Left Out: 401.310 $\pm$ 0.129 χ^2 /NDF:39388.5/8

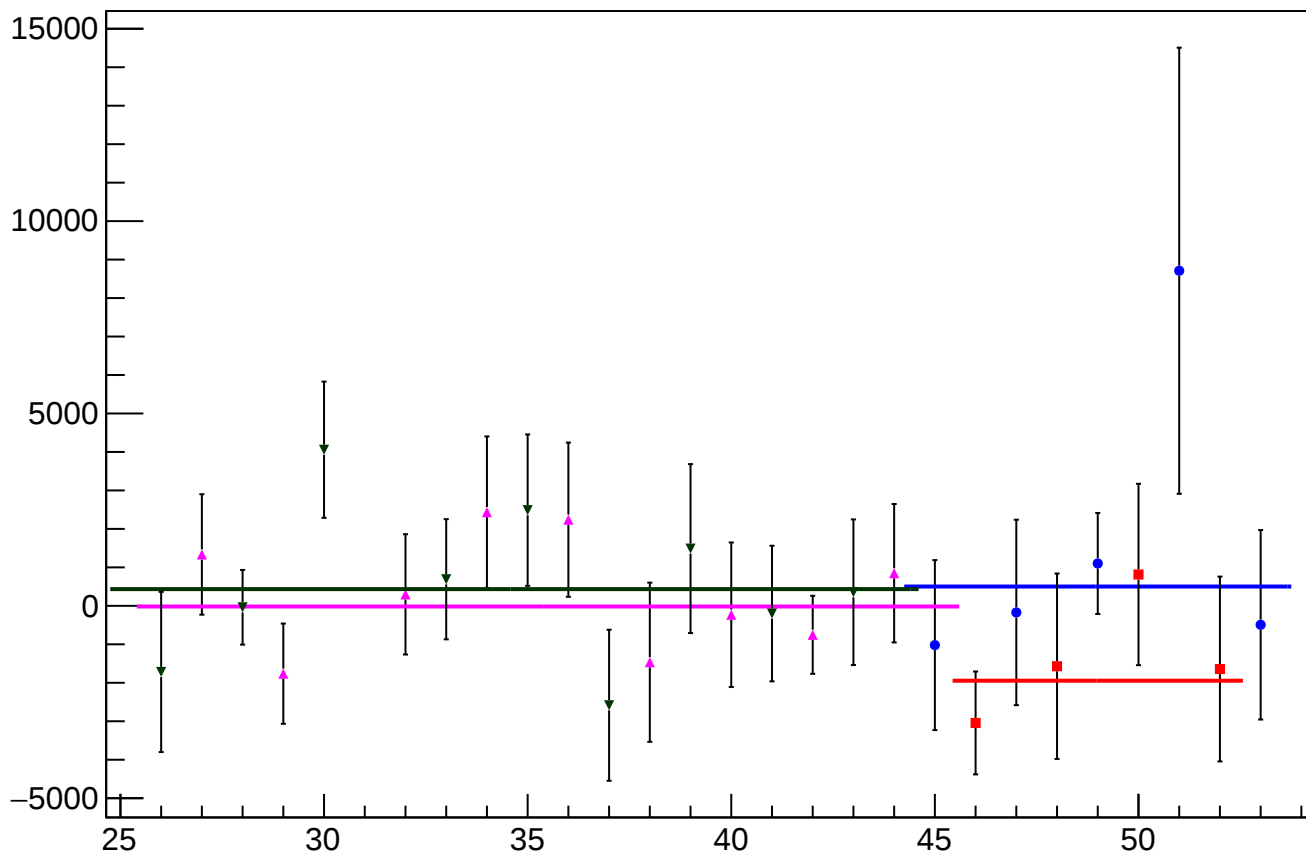
407.416 $\pm$ 0.106 χ^2 /NDF: 47092.9/13

Right Out: 406.746 $\pm$ 0.208 χ^2 /NDF: 2048.0/3

406.239 $\pm$ 0.105 χ^2 /NDF: 55009.3/12

Left In: 406.066 $\pm$ 0.121 χ^2 /NDF:52953.2/8

asym_sam1_correction_mean vs slug



Right In: 502.094 ± 931.684 χ^2/NDF : 2.9/4

Left Out: 434.930 ± 546.579 χ^2/NDF : 9.3/8

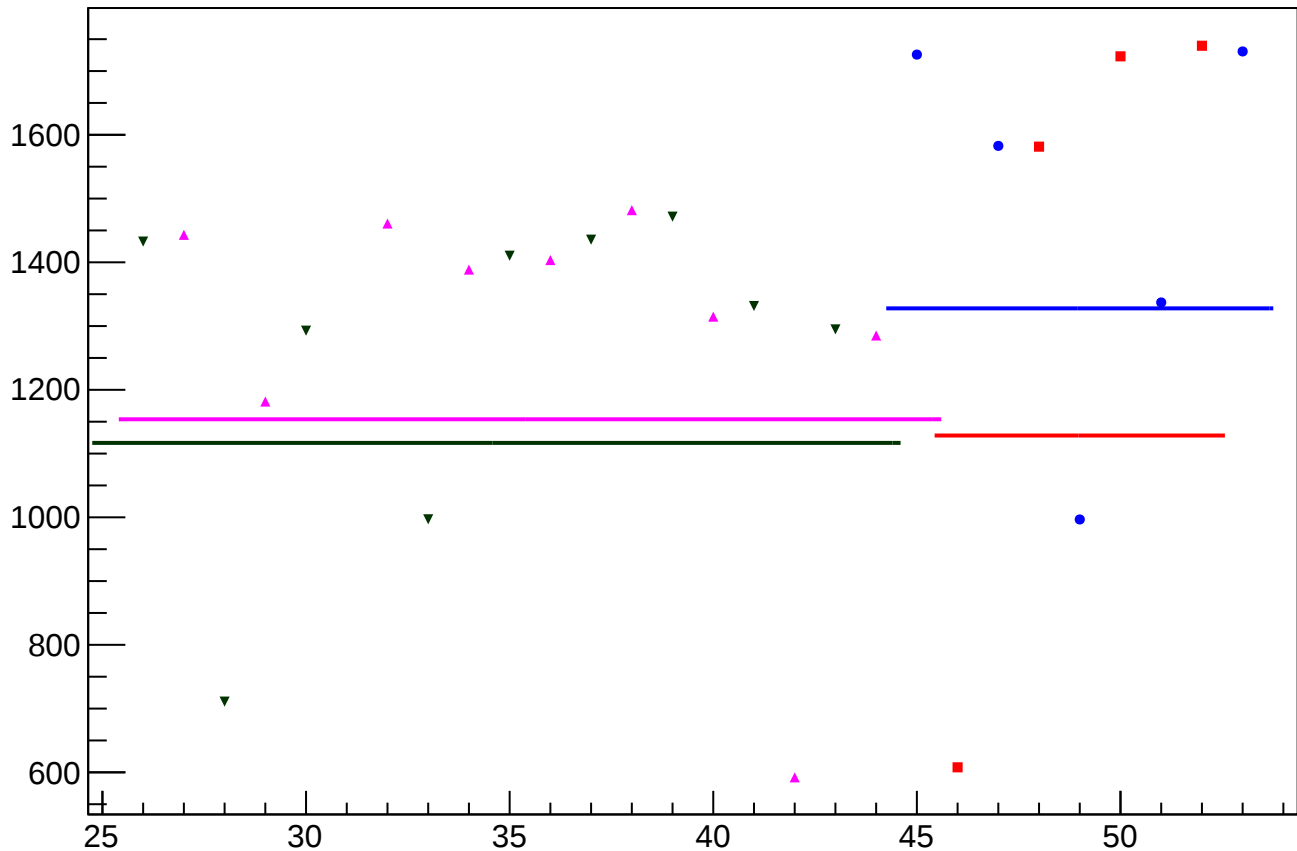
Right Out: -1945.922 ± 960.185 χ^2/NDF : 2.1/3

Left In: -17.108 ± 519.136 χ^2/NDF : 6.7/8

452.127 ± 471.440 χ^2/NDF : 12.3/13

-453.397 ± 456.664 χ^2/NDF : 11.9/12

asym_sam1_correction_rms vs slug



Right In: 1327.756+/-0.659 χ^2/NDF : 268114.8/4

Left Out: 1116.751+/-0.386 χ^2/NDF : 624096.5/8

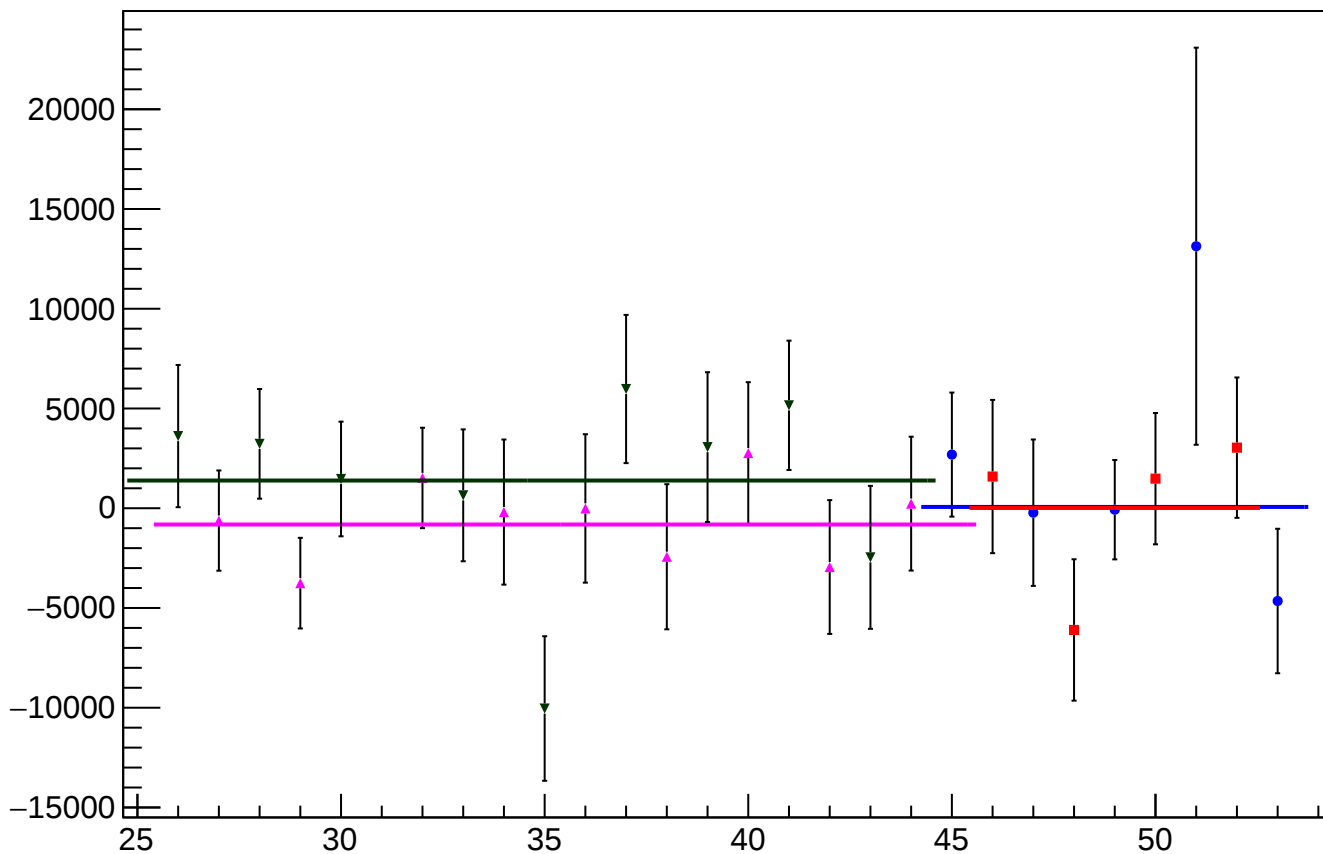
Right Out: 1128.322+/-0.679 χ^2/NDF : 630502.4/3

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

1170.777+/-0.333 χ^2/NDF : 968529.2/13

1148.026+/-0.323 χ^2/NDF : 1526011.4/12

reg_asym_sam2_mean vs slug



Right In: 64.961+/-1533.498 χ^2/NDF : 4.1/4

Left Out: 1388.791+/-1106.824 χ^2/NDF : 15.1/8

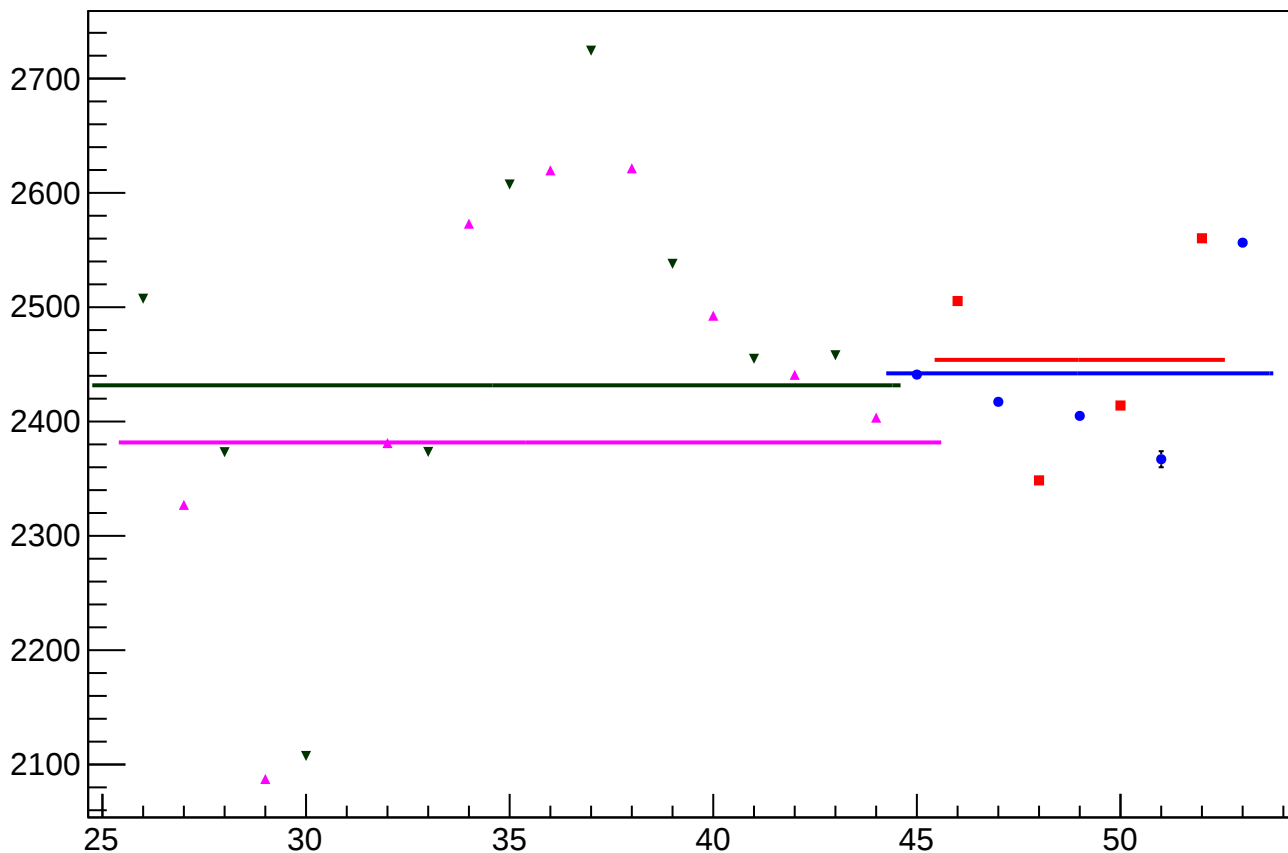
Right Out: 12.975+/-1766.463 χ^2/NDF : 4.1/3

Left In: -815.233+/-1004.854 χ^2/NDF : 4.3/8

935.361+/-897.474 χ^2/NDF : 19.7/13

-612.753+/-873.426 χ^2/NDF : 8.6/12

reg_asym_sam2_rms vs slug



Right In: 2442.140 ± 1.084 χ^2/NDF : 2644.9/4

Left Out: 2431.683 ± 0.783 χ^2/NDF : 46819.5/8

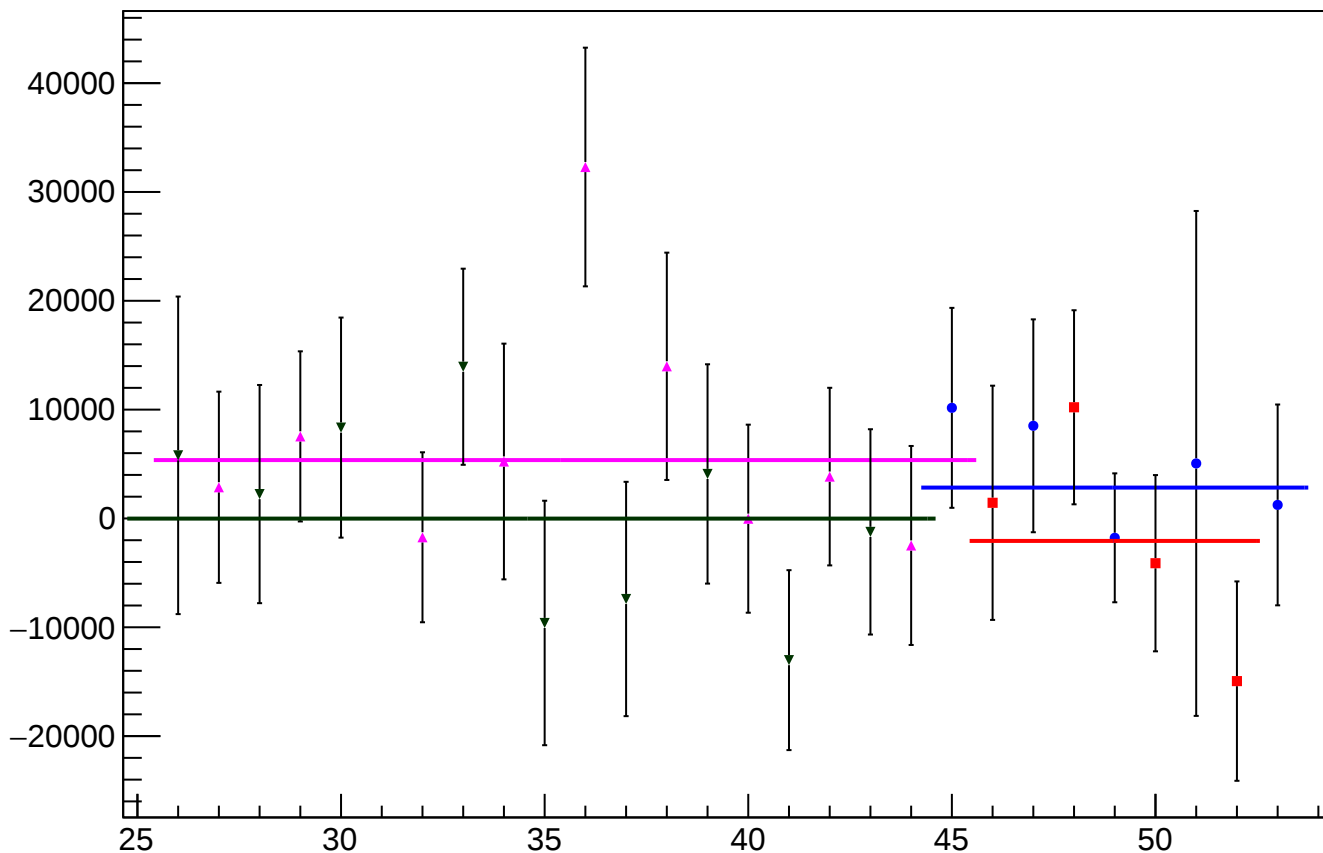
Right Out: 2453.949 ± 1.249 χ^2/NDF : 4249.6/3

Left In: 2381.709 ± 0.711 χ^2/NDF : 59588.8/8

2435.264 ± 0.635 χ^2/NDF : 49525.5/13

2399.370 ± 0.618 χ^2/NDF : 66365.5/12

asym_sam2_correction_mean vs slug



Right In: 2836.214+/-3940.185 χ^2/NDF : 1.6/4

Left Out: -13.656+/-3351.634 χ^2/NDF : 7.1/8

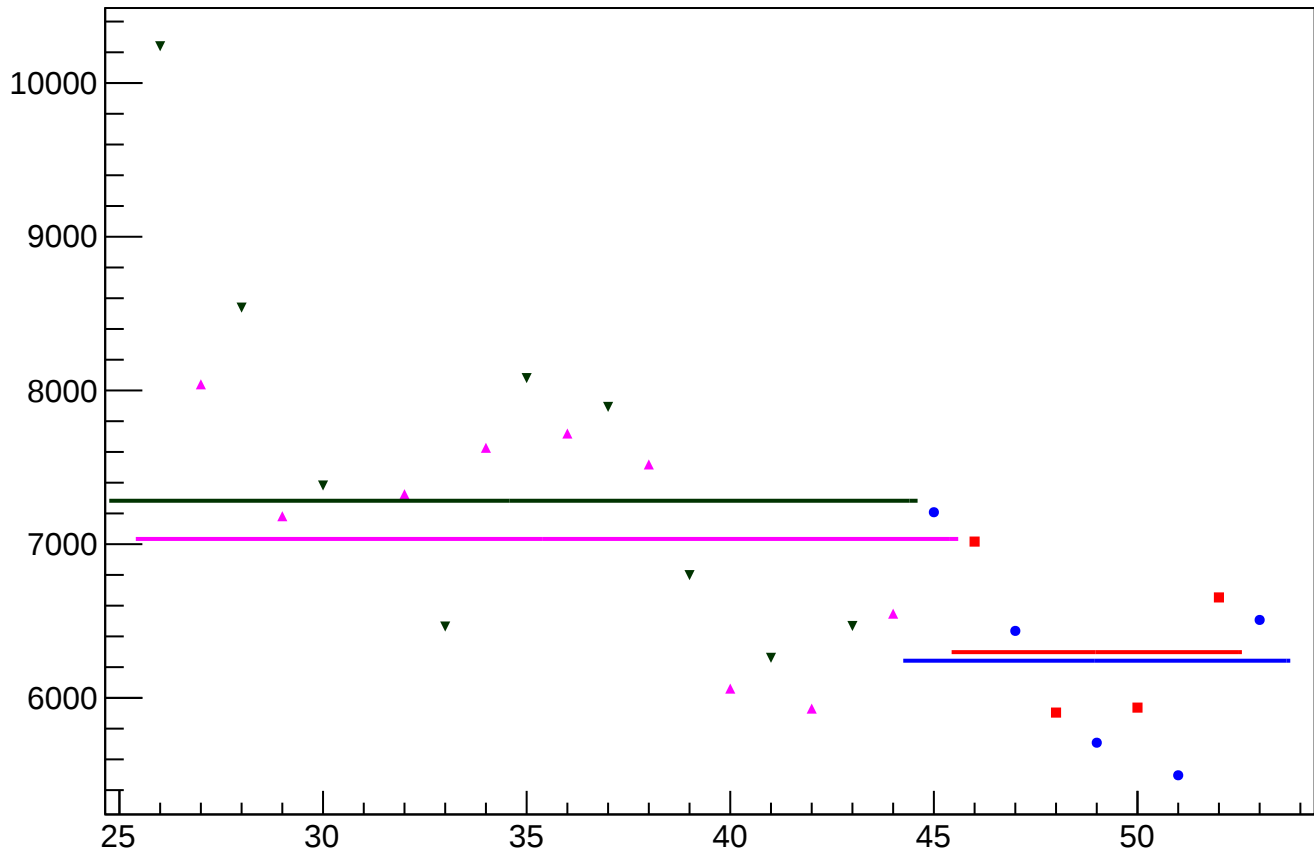
Right Out: -2065.455+/-4546.572 χ^2/NDF : 4.0/3

Left In: 5363.340+/-2986.715 χ^2/NDF : 8.9/8

1182.744+/-2552.950 χ^2/NDF : 9.1/13

3123.923+/-2496.274 χ^2/NDF : 14.8/12

asym_sam2_correction_rms vs slug



Right In: 6241.885+/-2.786 χ^2/NDF : 42839.1/4

Left Out: 7282.484+/-2.370 χ^2/NDF : 196859.8/8

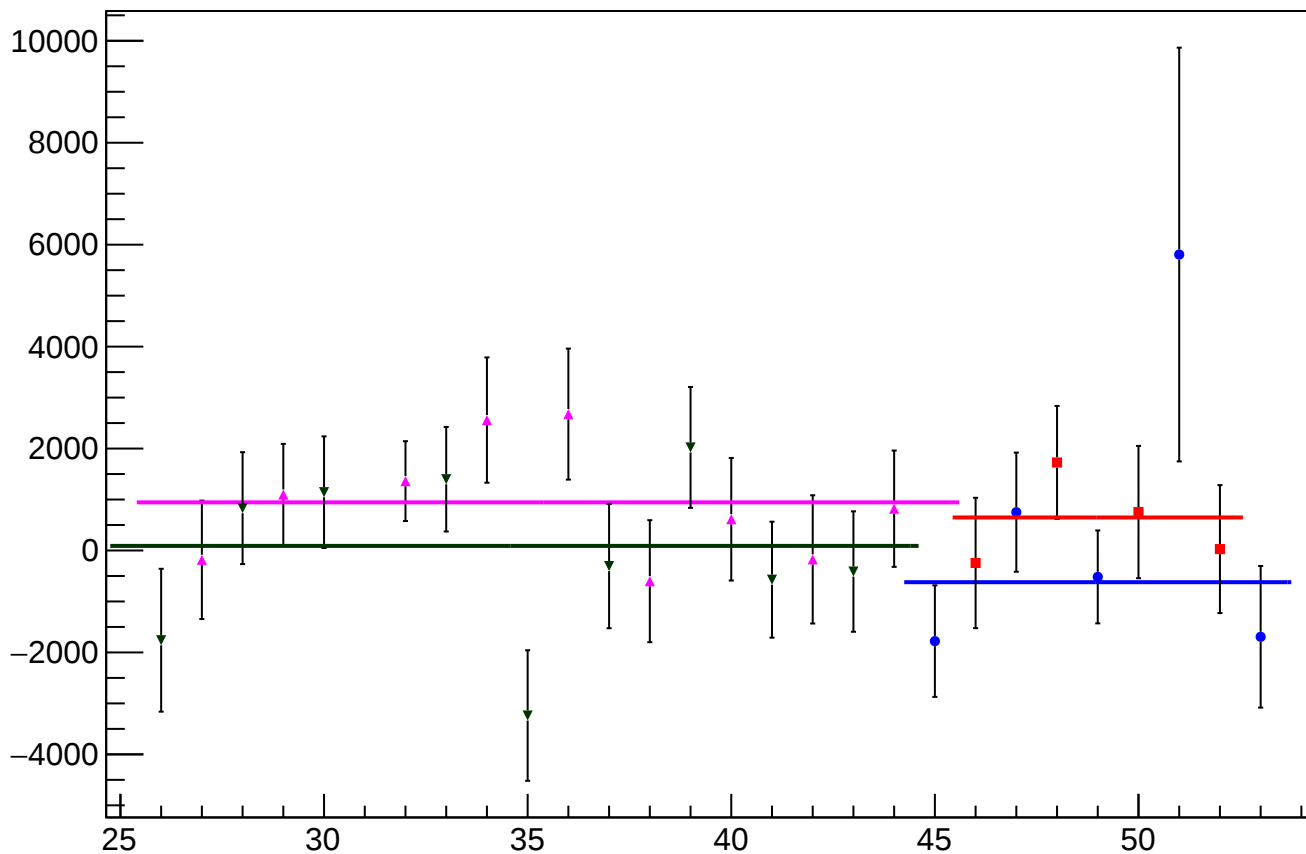
Right Out: 6297.671+/-3.215 χ^2/NDF : 19813.6/3

Left In: 7034.023+/-2.112 χ^2/NDF : 115477.2/8

6845.631+/-1.805 χ^2/NDF : 320633.6/13

6812.049+/-1.765 χ^2/NDF : 171937.0/12

reg_asym_sam3_mean vs slug



Right In: -621.886 ± 546.406 $\chi^2/\text{NDF}: 5.6/4$

Left Out: 90.339 ± 389.088 $\chi^2/\text{NDF}: 14.8/8$

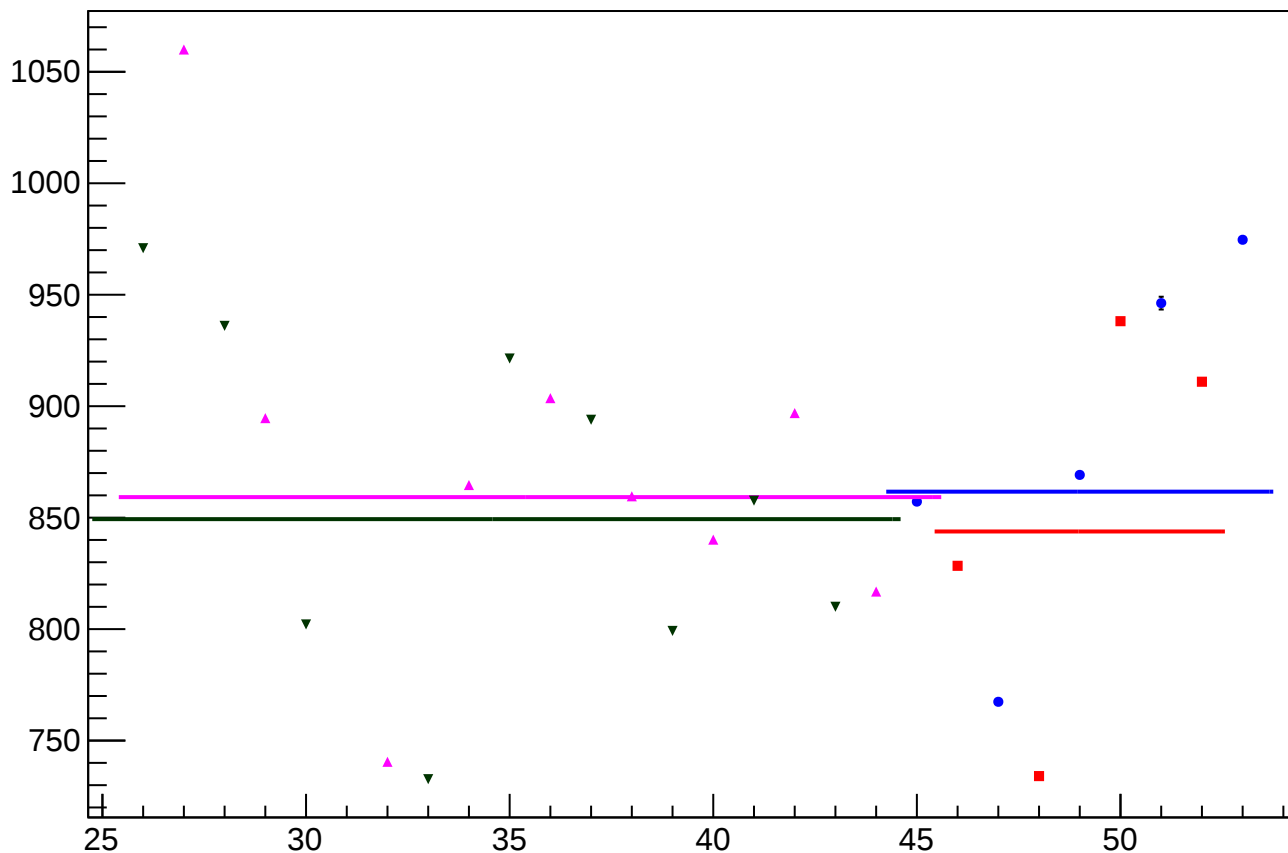
Right Out: 648.114 ± 613.989 $\chi^2/\text{NDF}: 1.7/3$

Left In: 944.816 ± 366.628 $\chi^2/\text{NDF}: 7.3/8$

-149.296 ± 316.943 $\chi^2/\text{NDF}: 21.5/13$

866.830 ± 314.779 $\chi^2/\text{NDF}: 9.2/12$

reg_asym_sam3_rms vs slug



Right In: 861.661 $\pm$ 0.386 χ^2 /NDF: 27269.9/4

Left Out: 849.335 $\pm$ 0.275 χ^2 /NDF: 71988.4/8

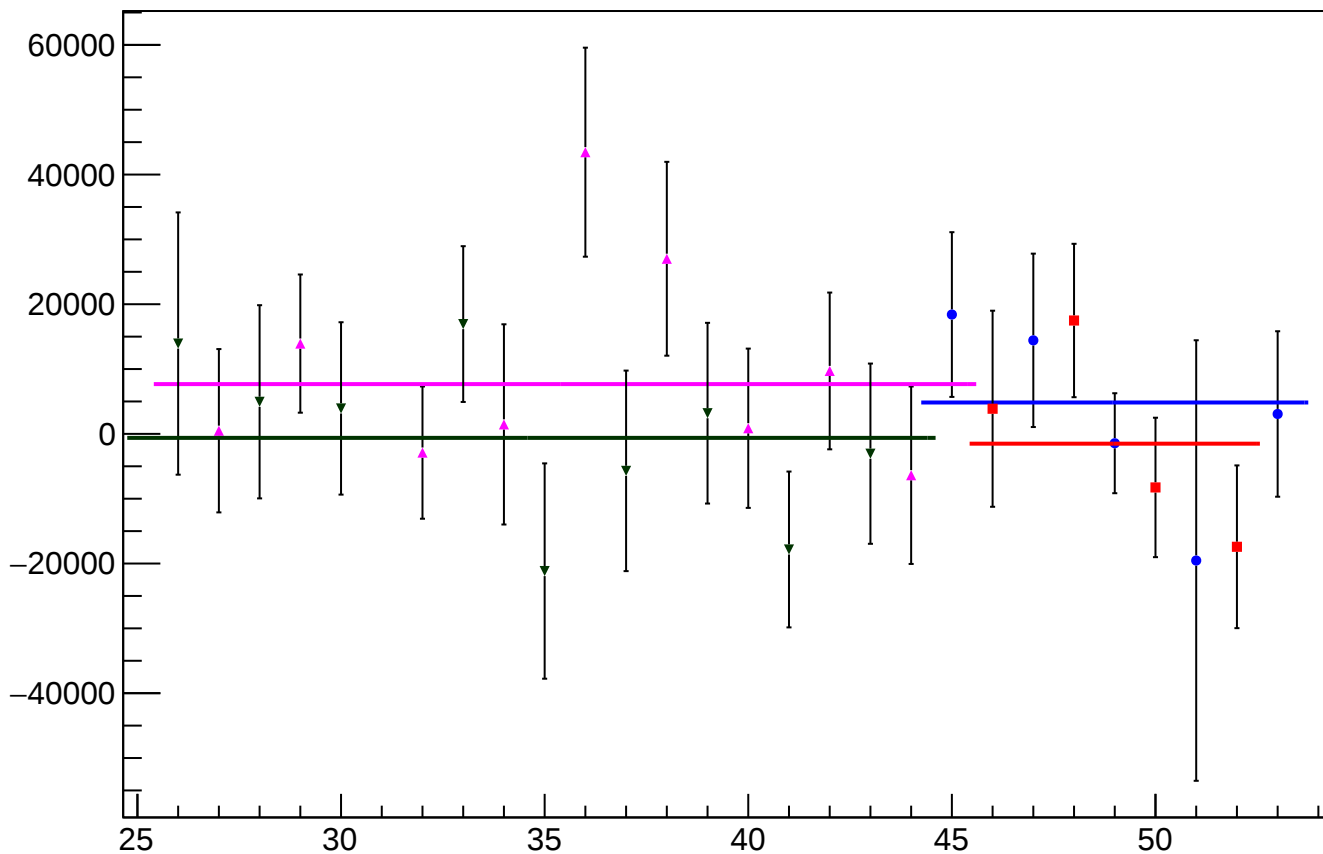
Right Out: 843.801 $\pm$ 0.434 χ^2 /NDF: 36158.0/3

Left In: 859.215 $\pm$ 0.259 χ^2 /NDF: 115716.9/8

853.482 $\pm$ 0.224 χ^2 /NDF: 99933.7/13

855.164 $\pm$ 0.223 χ^2 /NDF: 152804.2/12

asym_sam3_correction_mean vs slug



Right In: 4840.666 ± 5299.205 χ^2/NDF : 2.9/4

Left Out: -616.435 ± 4735.998 χ^2/NDF : 6.7/8

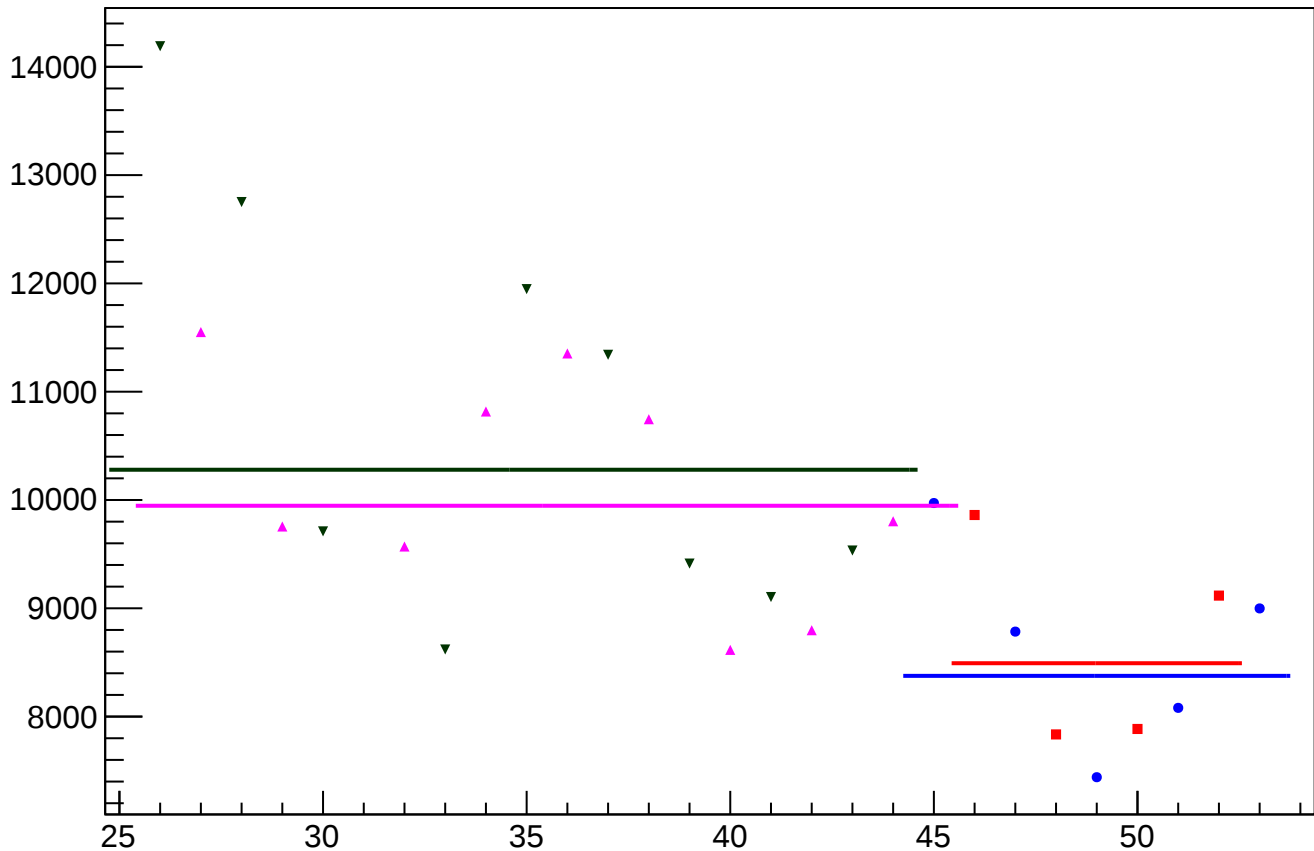
Right Out: -1511.543 ± 6141.800 χ^2/NDF : 4.7/3

Left In: 7678.057 ± 4224.700 χ^2/NDF : 9.9/8

1806.808 ± 3531.248 χ^2/NDF : 10.1/13

4726.512 ± 3480.744 χ^2/NDF : 16.1/12

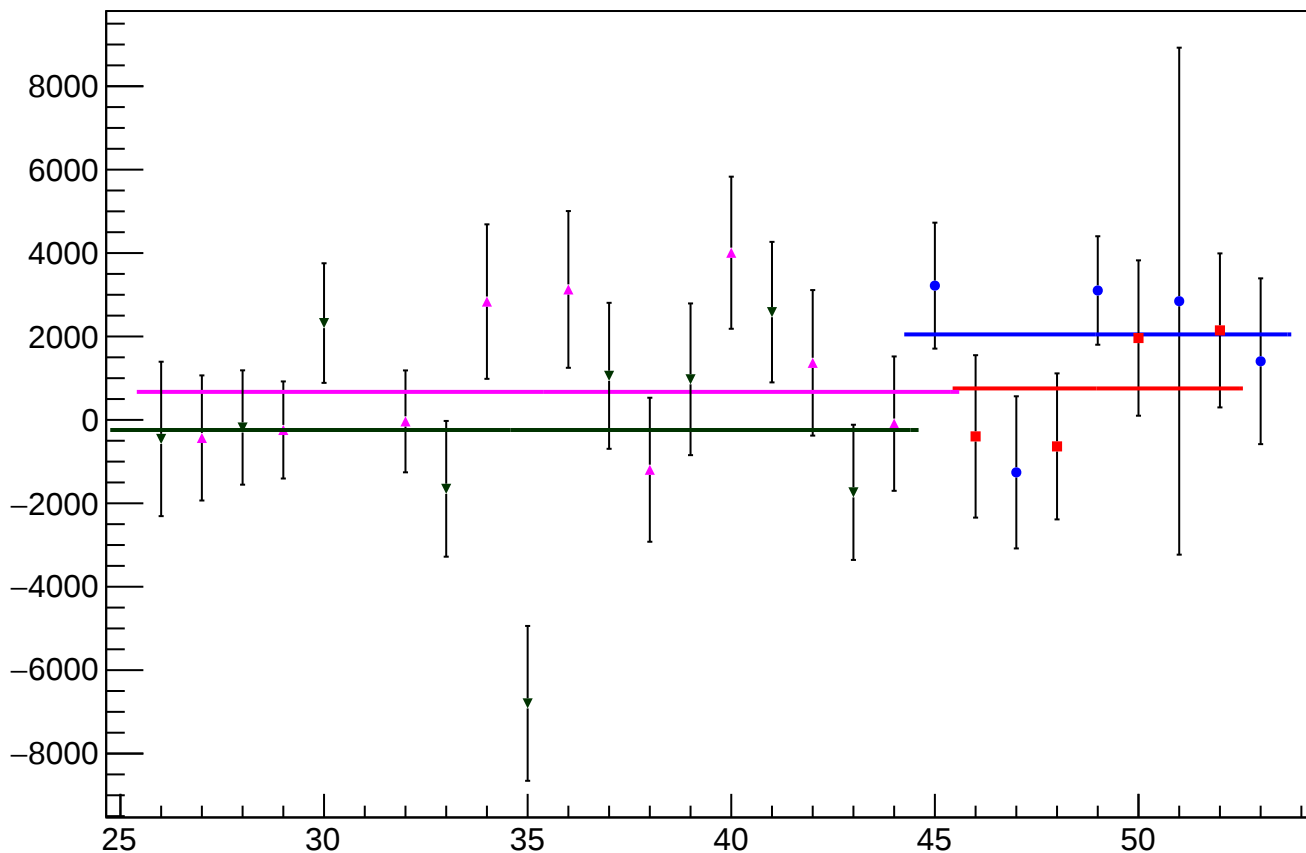
asym_sam3_correction_rms vs slug



Right In: 8376.083+/-3.747 χ^2/NDF : 67801.3/4
 Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8
 Right Out: 8492.797+/-4.343 χ^2/NDF : 33879.4/3
 Left In: 9946.833+/-2.987 χ^2/NDF : 104837.7/8

9434.222+/-2.497 χ^2/NDF : 445074.1/13
 9479.821+/-2.461 χ^2/NDF : 214809.4/12

reg_asym_sam4_mean vs slug



Right In: 2049.531 $\pm$ 787.929 χ^2 /NDF: 4.7/4

Left Out: -242.182 $\pm$ 547.136 χ^2 /NDF:21.1/8

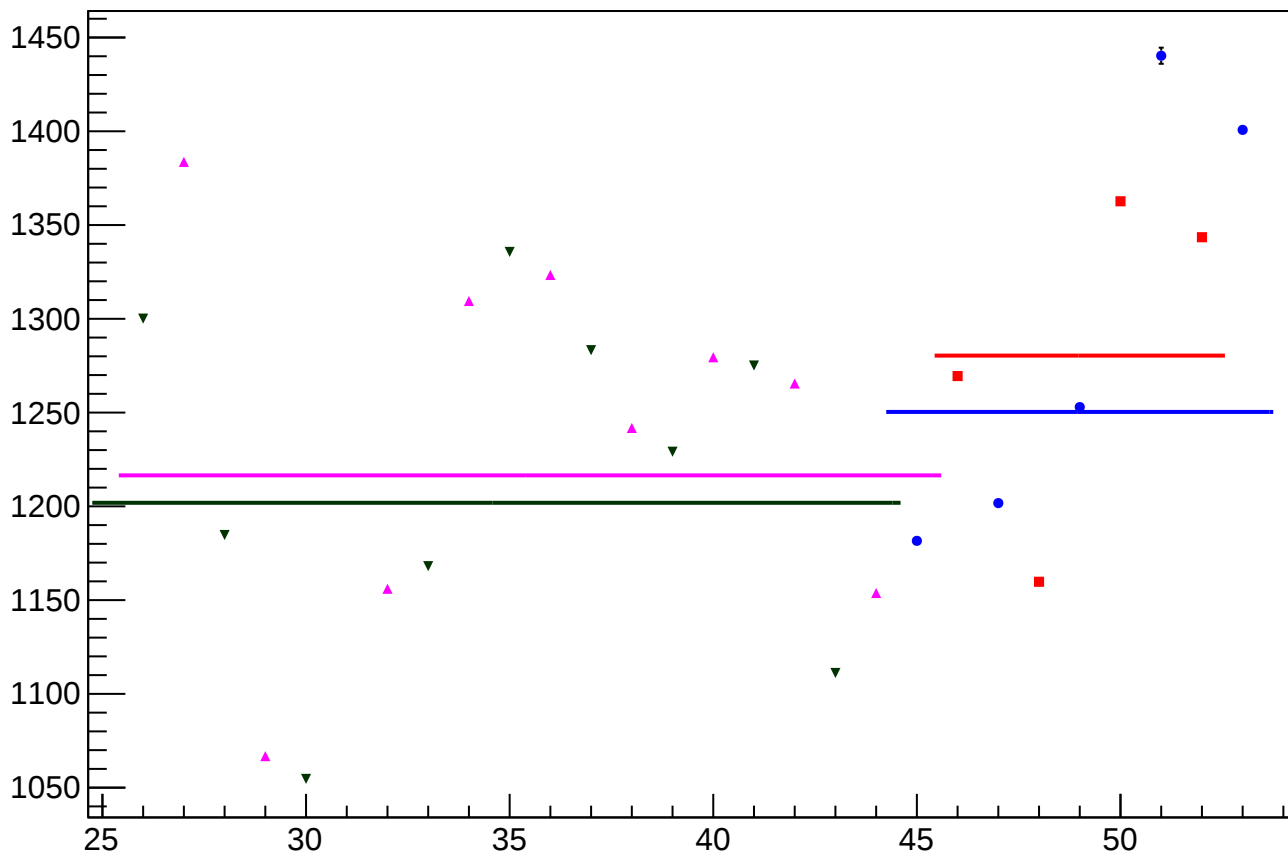
Right Out: 754.009 $\pm$ 923.808 χ^2 /NDF: 2.0/3

Left In: 671.583 $\pm$ 514.509 χ^2 /NDF:9.5/8

503.362 $\pm$ 449.411 χ^2 /NDF: 31.5/13

691.097 $\pm$ 449.497 χ^2 /NDF: 11.4/12

reg_asym_sam4_rms vs slug



Right In: 1250.347+/-0.557 χ^2/NDF : 18982.3/4

Left Out: 1201.899+/-0.387 χ^2/NDF : 53101.4/8

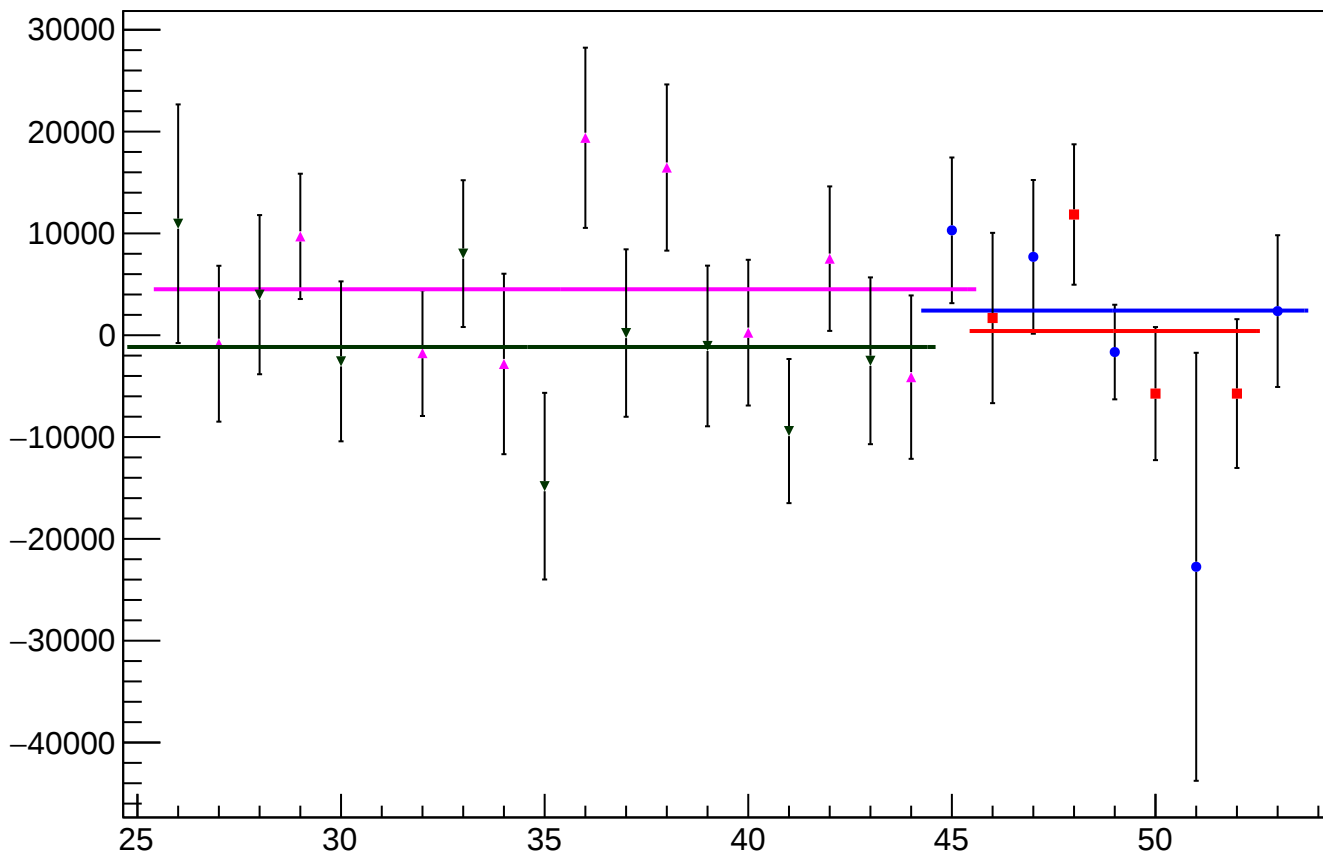
Right Out: 1280.385+/-0.653 χ^2/NDF : 15797.4/3

Left In: 1216.519+/-0.364 χ^2/NDF : 81775.0/8

1217.660+/-0.318 χ^2/NDF : 77185.3/13

1231.639+/-0.318 χ^2/NDF : 104868.1/12

asym_sam4_correction_mean vs slug



Right In: 2421.832 $\pm$ 3105.397 χ^2 /NDF: 3.9/4

Left Out: -1154.532 $\pm$ 2704.371 χ^2 /NDF: 6.8/8

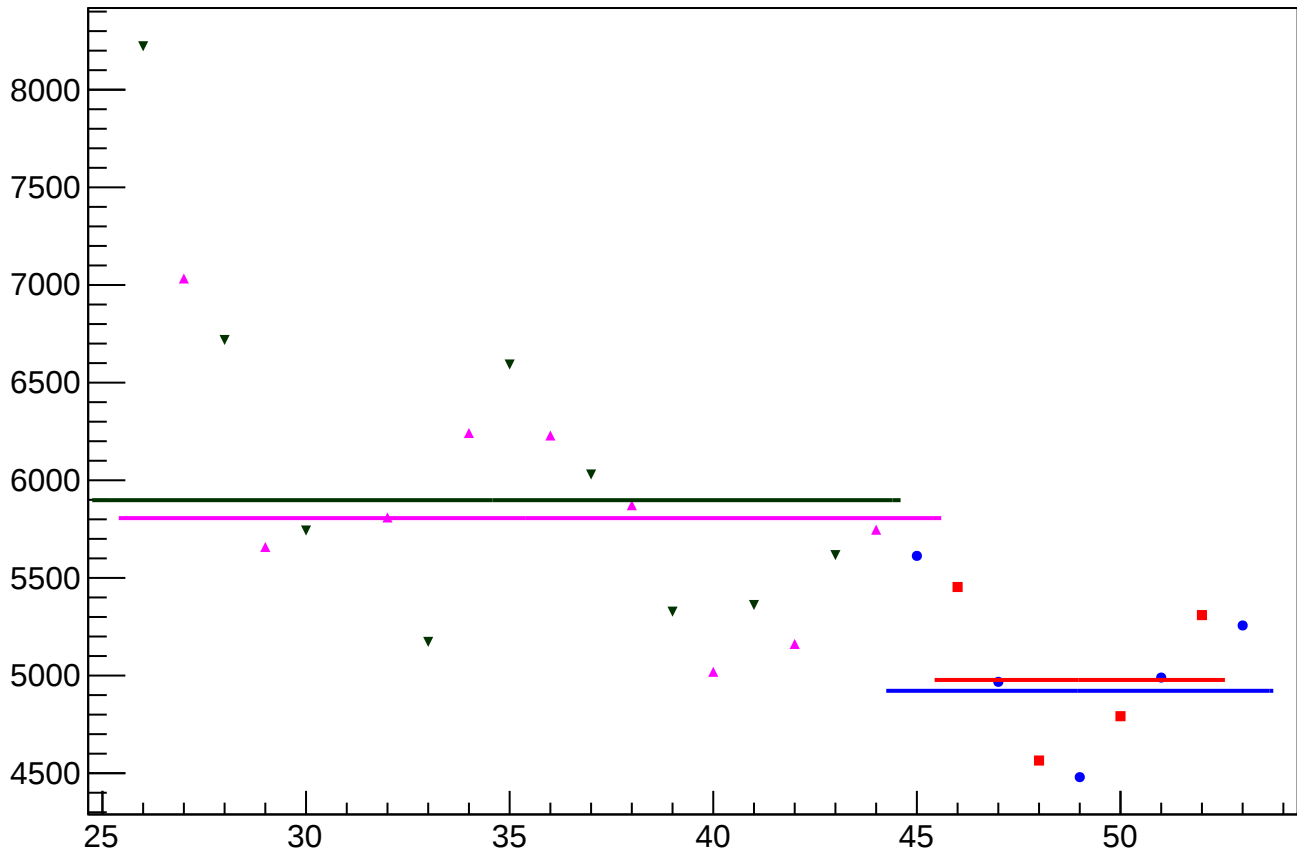
Right Out: 413.652 $\pm$ 3592.631 χ^2 /NDF: 4.4/3

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

387.958 $\pm$ 2039.424 χ^2 /NDF: 11.4/13

3205.111 $\pm$ 2030.245 χ^2 /NDF: 14.8/12

asym_sam4_correction_rms vs slug



Right In: 4921.916 ± 2.196 χ^2/NDF : 40905.7/4

Left Out: 5898.122 ± 1.912 χ^2/NDF : 158096.1/8

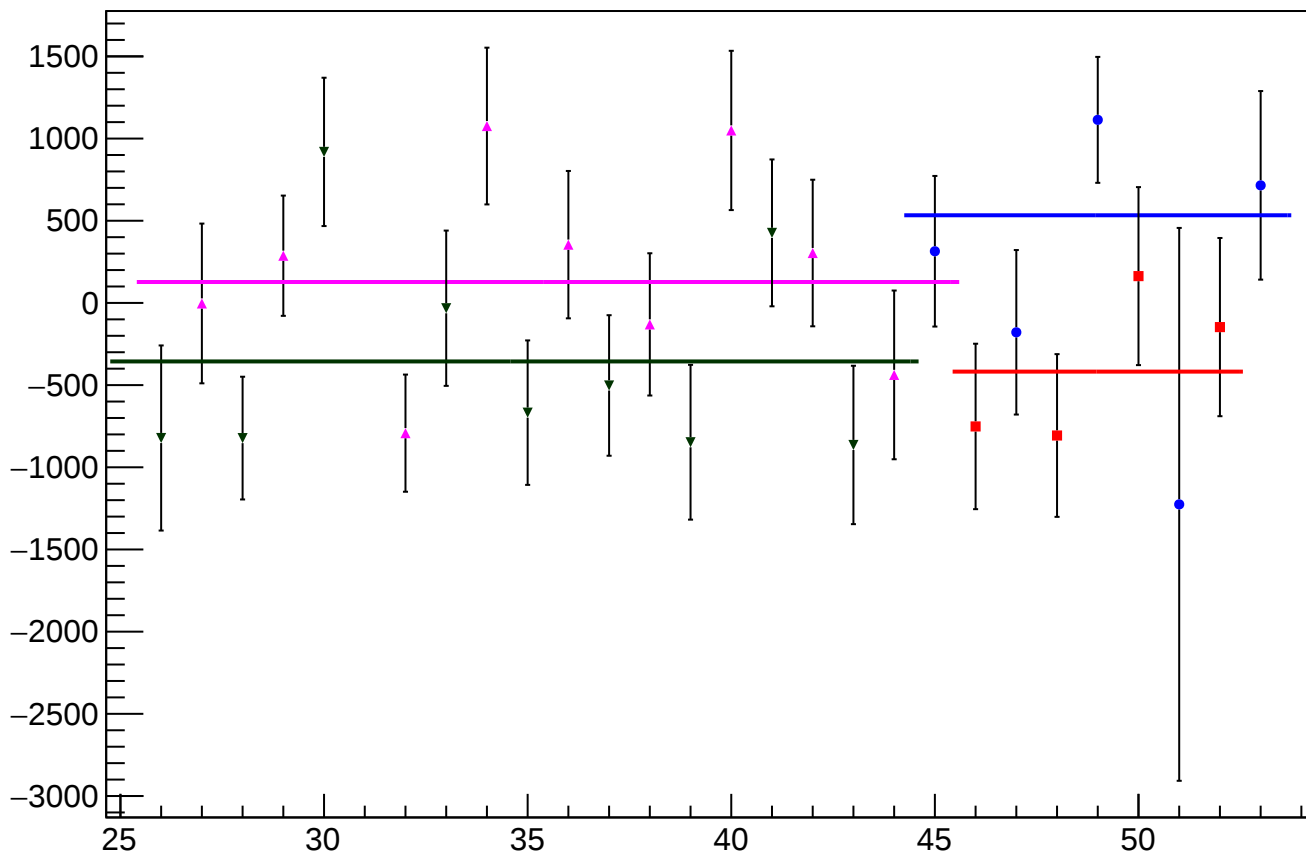
Right Out: 4977.577 ± 2.540 χ^2/NDF : 19385.4/3

Left In: 5806.244 ± 1.740 χ^2/NDF : 102859.9/8

5477.083 ± 1.442 χ^2/NDF : 311400.4/13

5541.606 ± 1.436 χ^2/NDF : 194670.1/12

reg_asym_sam5_mean vs slug



Right In: 533.320+/-229.645 χ^2/NDF : 5.7/4

Left Out: -356.000+/-150.426 χ^2/NDF : 16.6/8

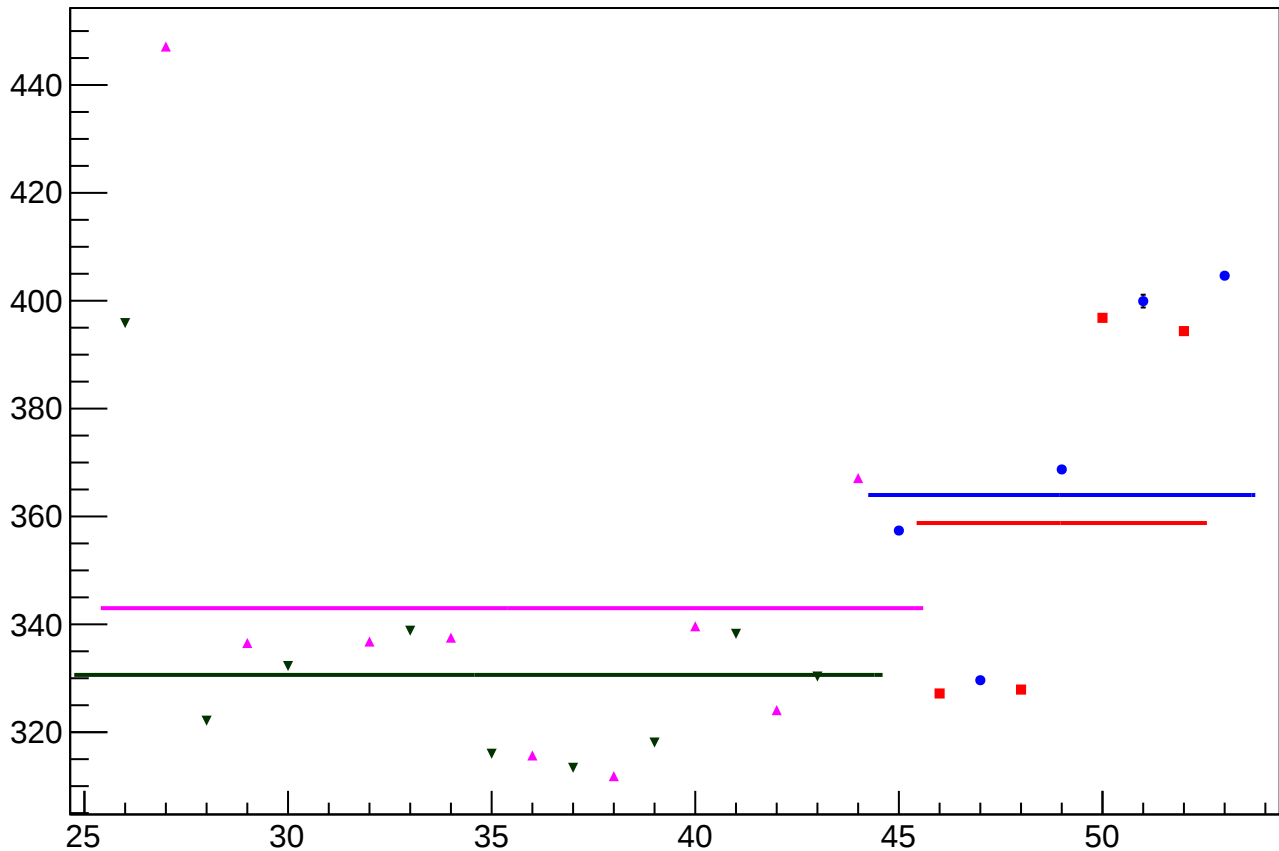
Right Out: -417.896+/-259.578 χ^2/NDF : 2.5/3

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-88.985+/-125.833 χ^2/NDF : 32.8/13

-2.755+/-126.779 χ^2/NDF : 22.3/12

reg_asym_sam5_rms vs slug



Right In: 363.980 $\pm$ 0.162 χ^2 /NDF: 21100.0/4

Left Out: 330.623 $\pm$ 0.106 χ^2 /NDF:35956.4/8

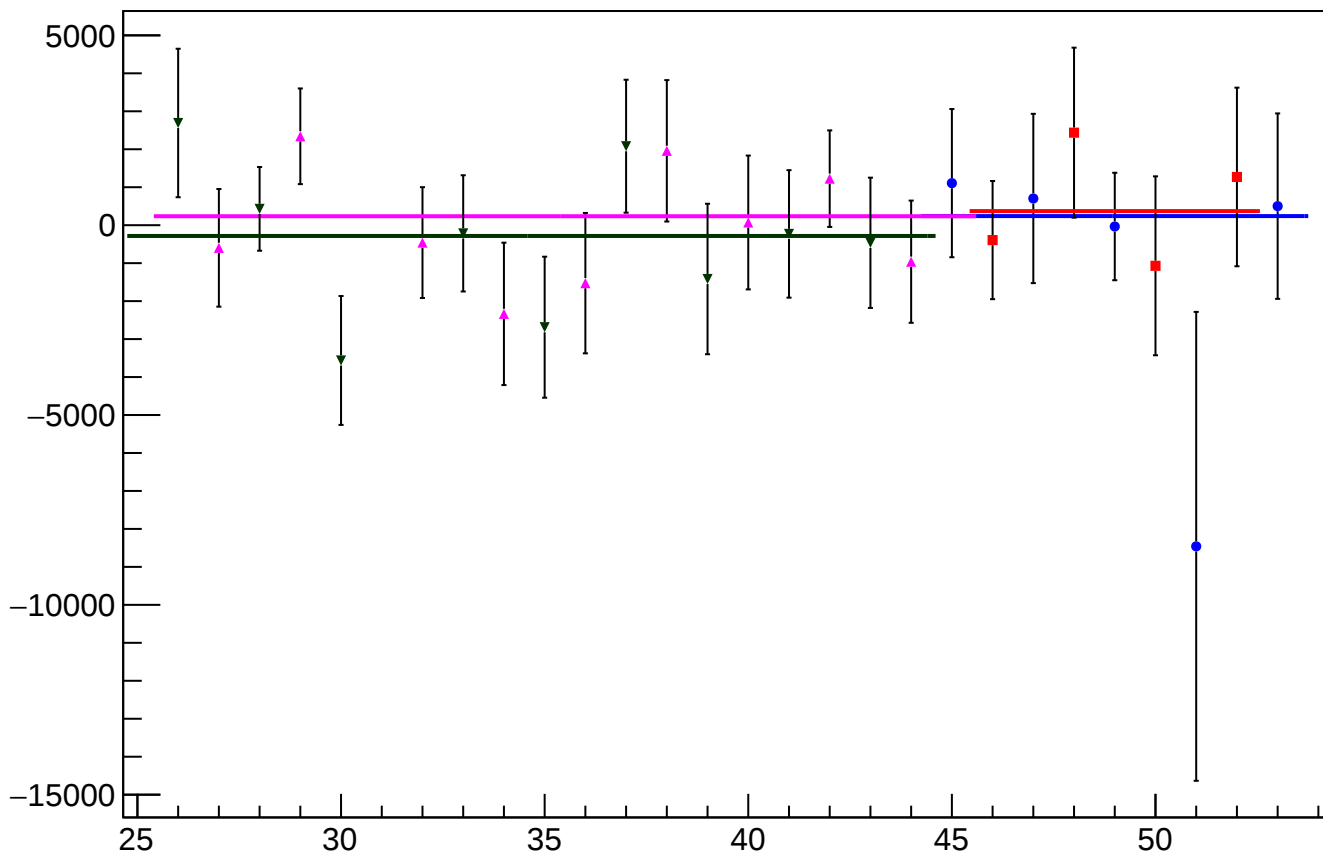
Right Out: 358.786 $\pm$ 0.184 χ^2 /NDF: 34158.7/3

Left In: 342.999 $\pm$ 0.103 χ^2 /NDF:119222.1/8

340.638 $\pm$ 0.089 χ^2 /NDF: 86584.5/13

346.765 $\pm$ 0.090 χ^2 /NDF: 159014.1/12

asym_sam5_correction_mean vs slug



Right In: 239.448 ± 929.663 χ^2/NDF : 2.3/4

Left Out: -283.767 ± 540.454 χ^2/NDF : 10.3/8

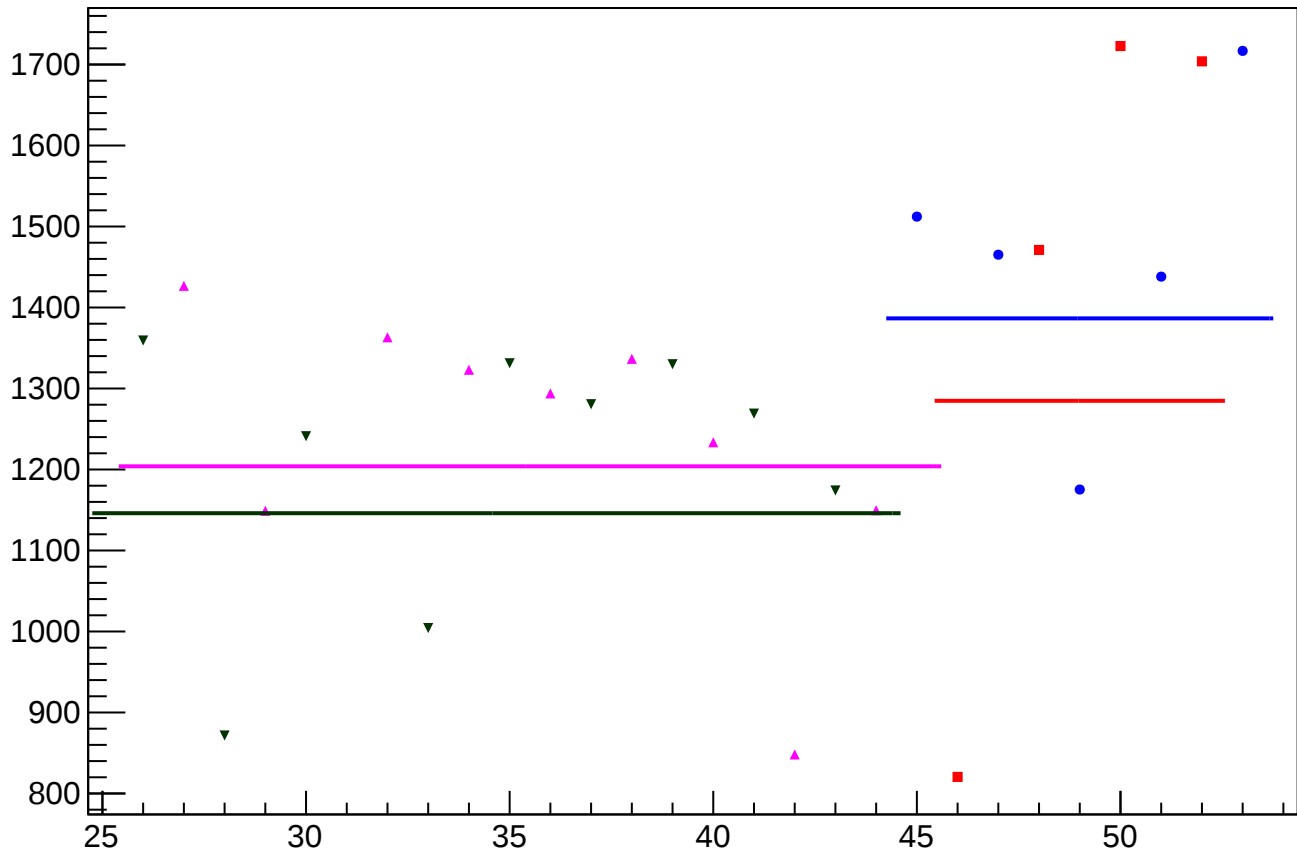
Right Out: 370.846 ± 1013.522 χ^2/NDF : 1.6/3

Left In: 235.887 ± 519.362 χ^2/NDF : 8.1/8

-151.606 ± 467.237 χ^2/NDF : 12.8/13

263.955 ± 462.210 χ^2/NDF : 9.7/12

asym_sam5_correction_rms vs slug



Right In: 1386.564+/-0.657 χ^2/NDF : 92089.7/4

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

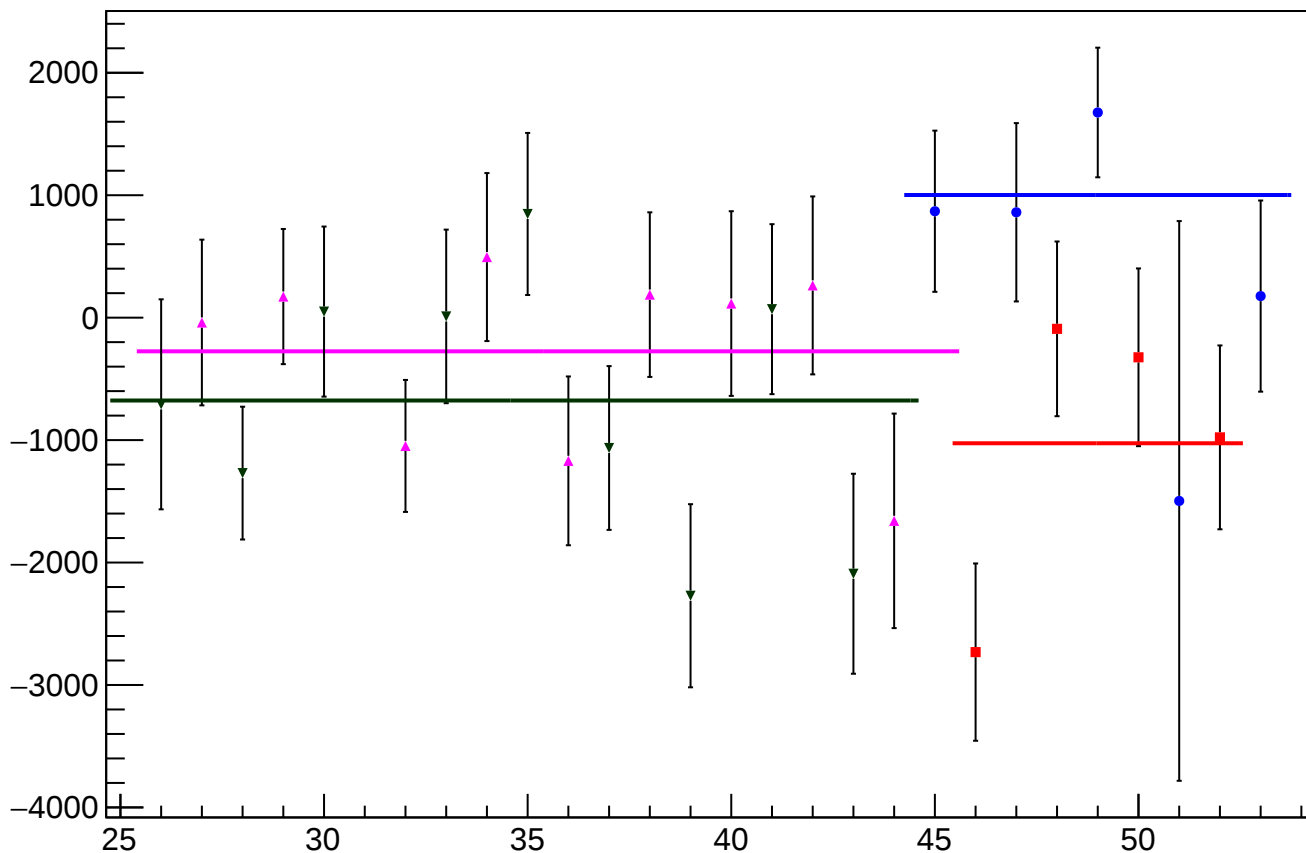
1206.792+/-0.330 χ^2/NDF : 423495.5/13

Right Out: 1284.811+/-0.717 χ^2/NDF : 324593.5/3

1220.765+/-0.327 χ^2/NDF : 585972.7/12

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

reg_asym_sam6_mean vs slug



Right In: 1001.738 ± 322.836 χ^2/NDF : 4.0/4

Left Out: -676.628 ± 231.223 χ^2/NDF : 17.6/8

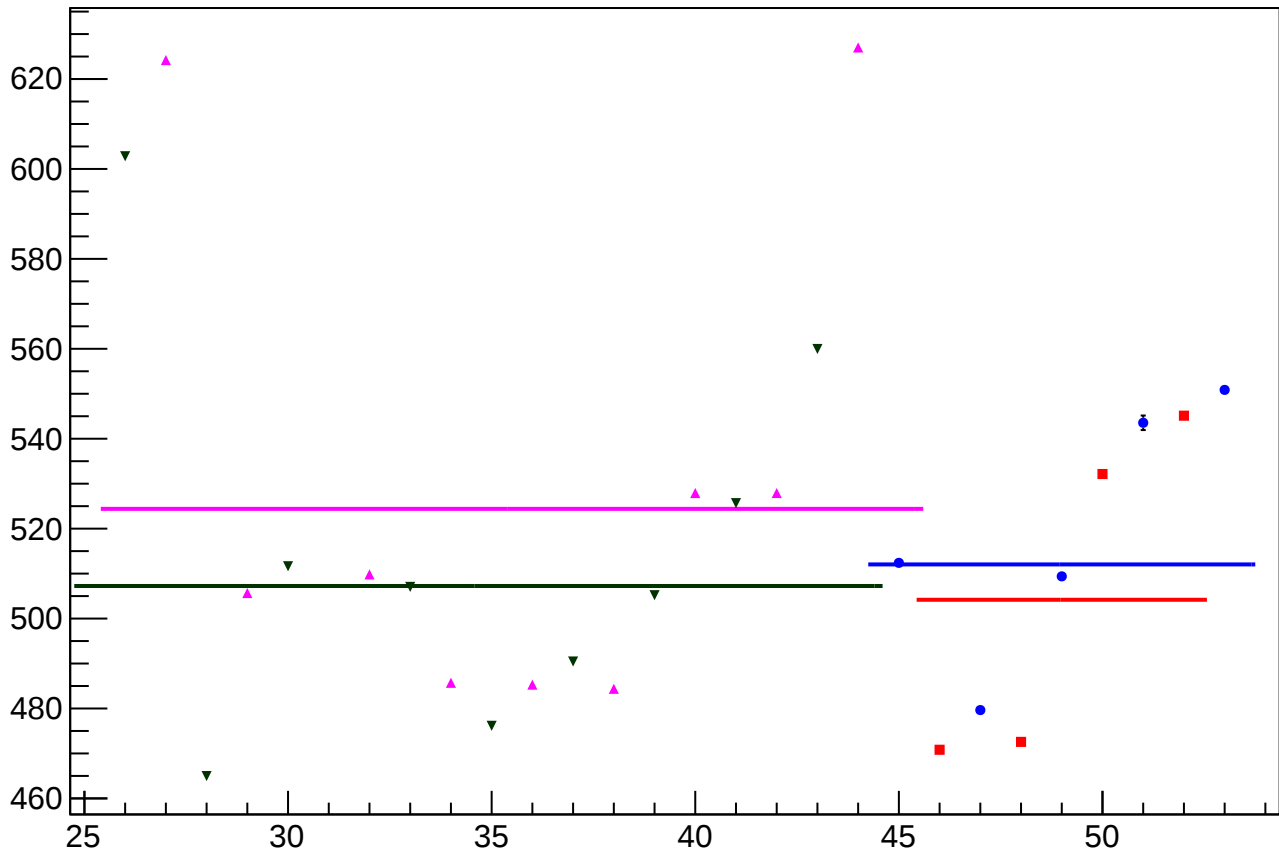
Right Out: -1025.827 ± 364.058 χ^2/NDF : 8.2/3

Left In: -274.897 ± 221.916 χ^2/NDF : 9.6/8

-107.576 ± 187.982 χ^2/NDF : 39.4/13

-478.329 ± 189.487 χ^2/NDF : 20.9/12

reg_asym_sam6_rms vs slug



Right In: 512.043+/-0.228 χ^2/NDF : 9334.5/4

Left Out: 507.245+/-0.163 χ^2/NDF : 52506.9/8

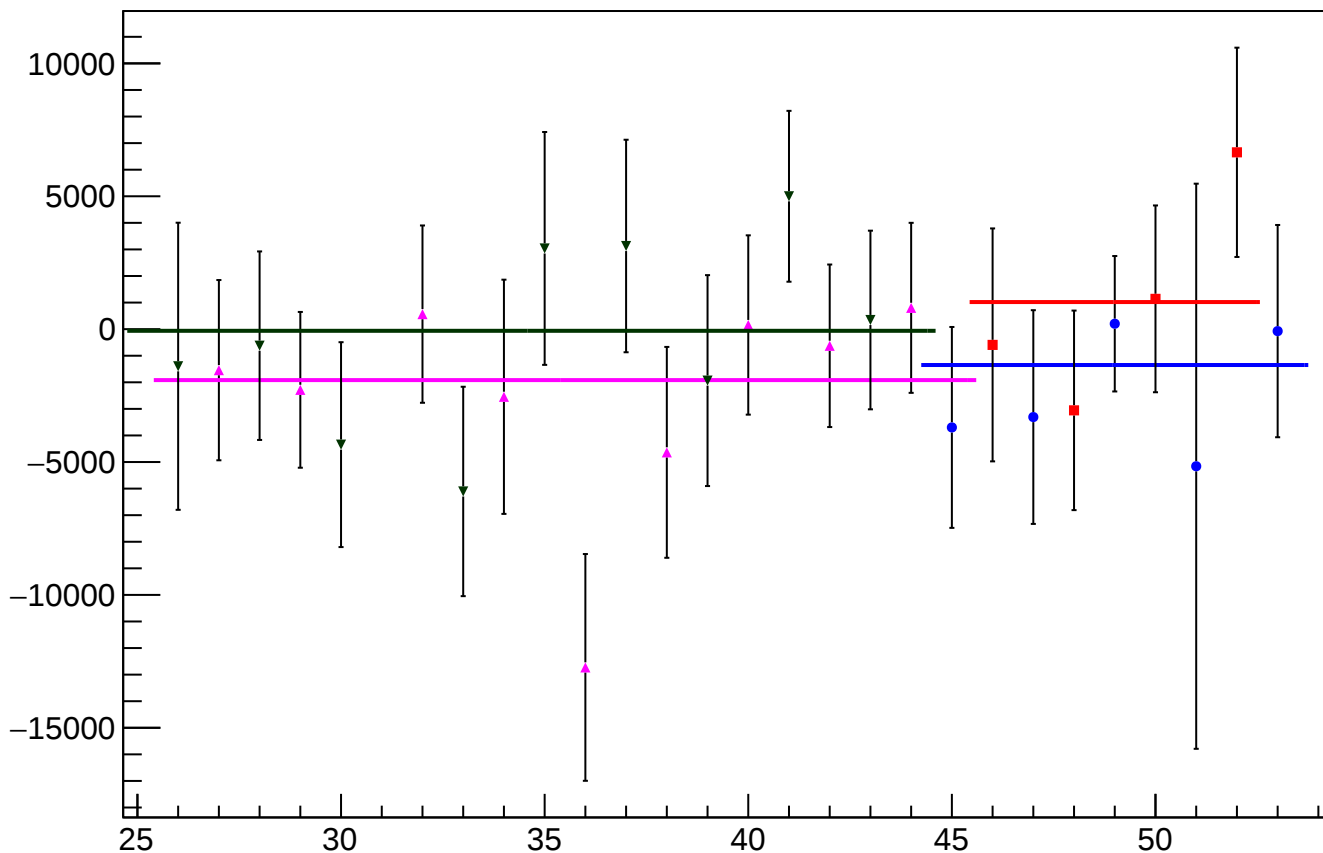
508.872+/-0.133 χ^2/NDF : 62133.4/13

Right Out: 504.179+/-0.257 χ^2/NDF : 17090.0/3

518.923+/-0.134 χ^2/NDF : 116299.0/12

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

asym_sam6_correction_mean vs slug



Right In: -1349.532 ± 1672.714 $\chi^2/\text{NDF}: 1.2/4$

Left Out: -62.354 ± 1281.480 $\chi^2/\text{NDF}: 7.5/8$

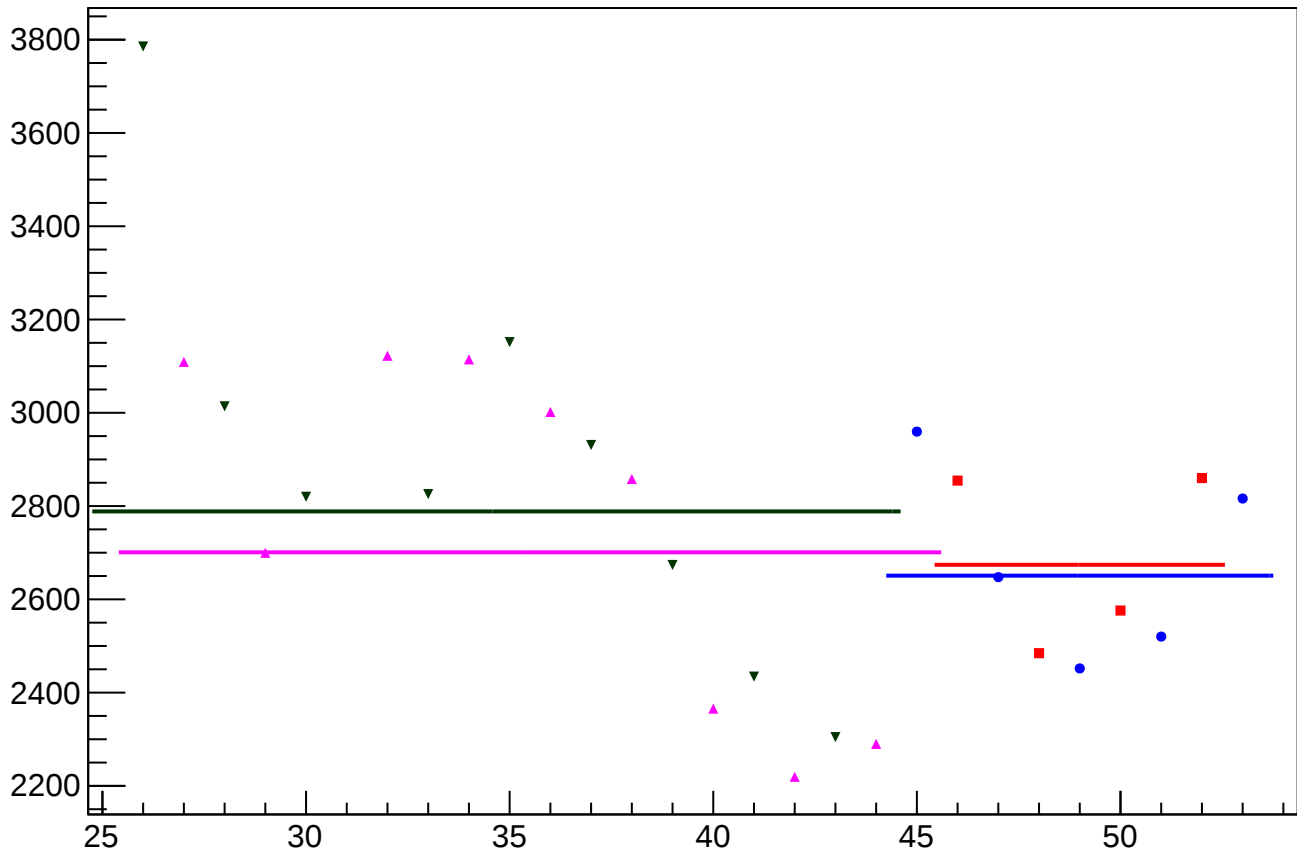
Right Out: 1019.638 ± 1930.024 $\chi^2/\text{NDF}: 3.4/3$

Left In: -1917.139 ± 1150.328 $\chi^2/\text{NDF}: 8.8/8$

-538.416 ± 1017.265 $\chi^2/\text{NDF}: 9.1/13$

-1147.346 ± 988.130 $\chi^2/\text{NDF}: 13.8/12$

asym_sam6_correction_rms vs slug



Right In: 2650.783+/-1.183 χ^2/NDF : 29270.7/4

Left Out: 2788.520+/-0.906 χ^2/NDF :160197.2/8

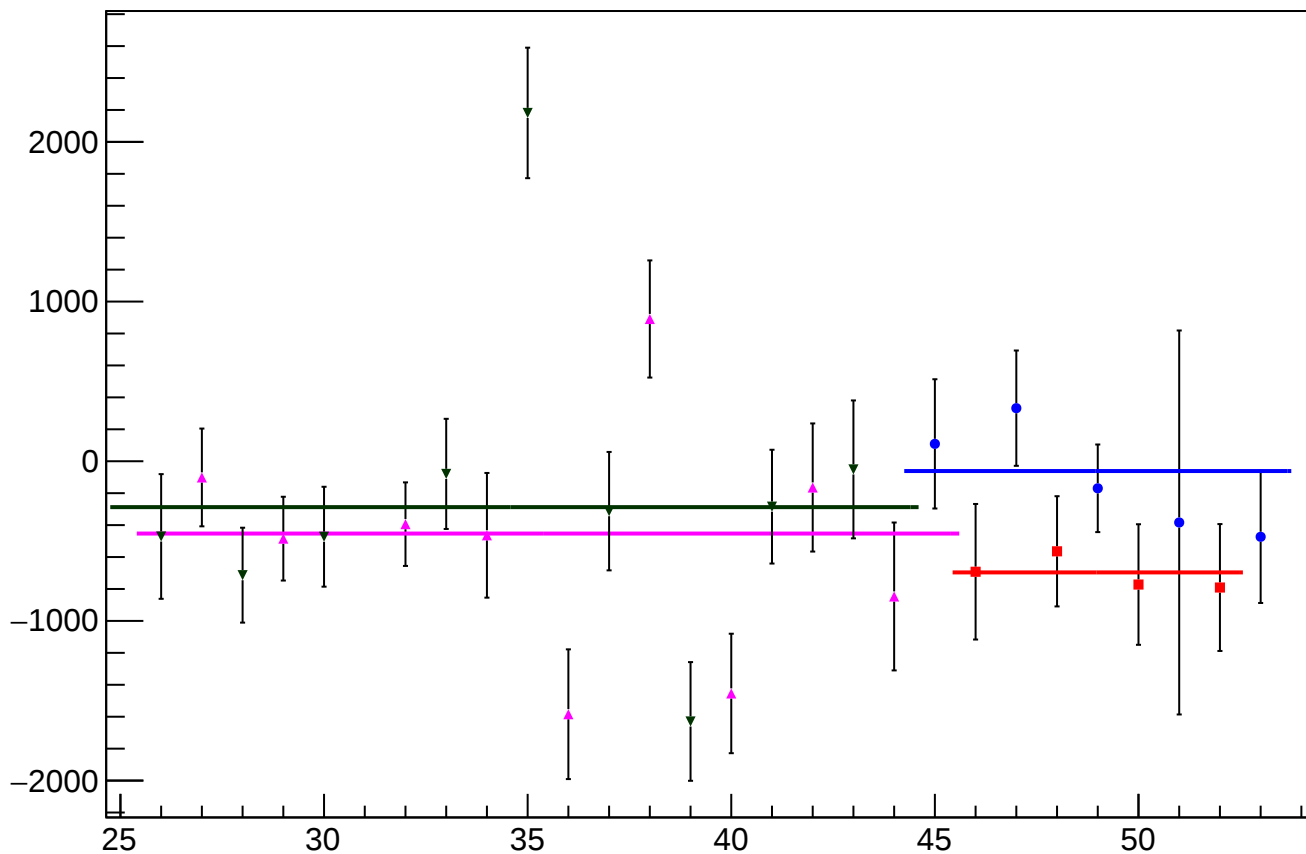
2737.578+/-0.719 χ^2/NDF : 198013.2/13

Right Out: 2674.099+/-1.365 χ^2/NDF : 14508.2/3

2693.807+/-0.699 χ^2/NDF : 208724.9/12

Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

reg_asym_sam7_mean vs slug



Right In: -61.372 $\pm$ 172.577 χ^2 /NDF: 2.6/4

Left Out: -287.418 $\pm$ 119.318 χ^2 /NDF:52.8/8

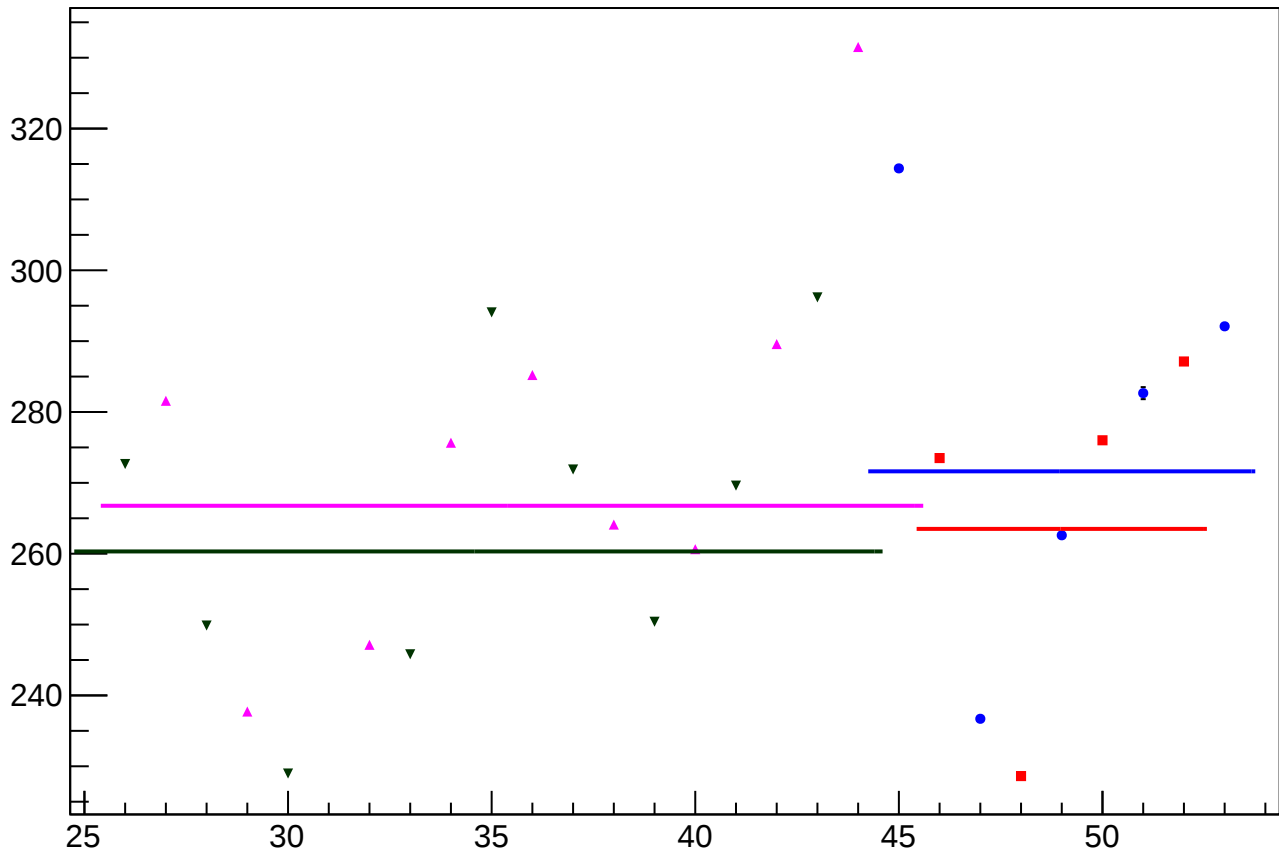
Right Out: -696.230 $\pm$ 191.410 χ^2 /NDF: 0.2/3

Left In: -452.872 $\pm$ 113.322 χ^2 /NDF:31.0/8

-214.310 $\pm$ 98.145 χ^2 /NDF: 56.6/13

-516.033 $\pm$ 97.514 χ^2 /NDF: 32.4/12

reg_asym_sam7_rms vs slug



Right In: 271.626 ± 0.122 χ^2/NDF : 48231.0/4

Left Out: 260.321 ± 0.084 χ^2/NDF : 60237.4/8

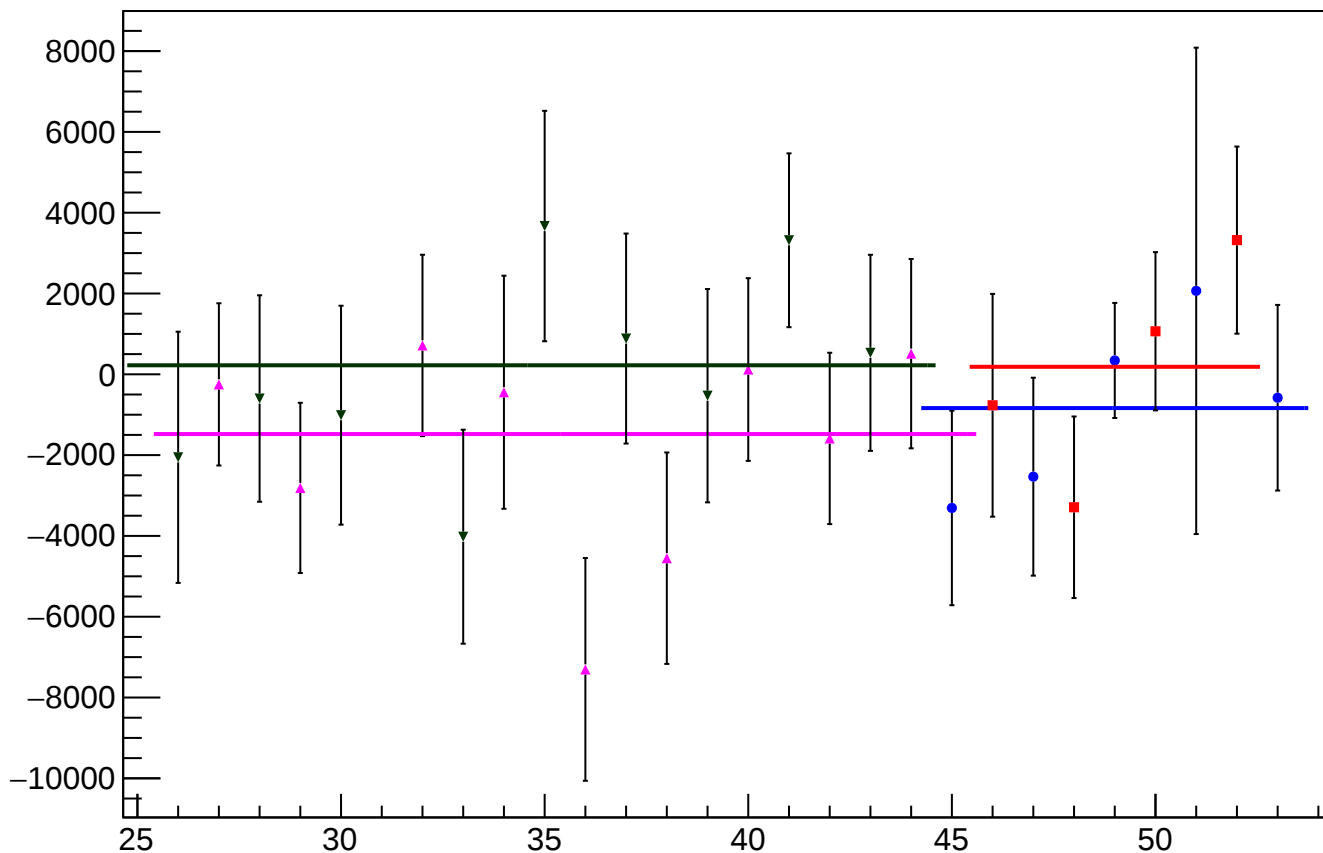
Right Out: 263.503 ± 0.135 χ^2/NDF : 30805.9/3

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

263.977 ± 0.069 χ^2/NDF : 114275.1/13

265.920 ± 0.069 χ^2/NDF : 123040.0/12

asym_sam7_correction_mean vs slug



Right In: -835.885+/-976.259 χ^2/NDF : 2.5/4

Left Out: 223.347+/-865.231 χ^2/NDF : 7.1/8

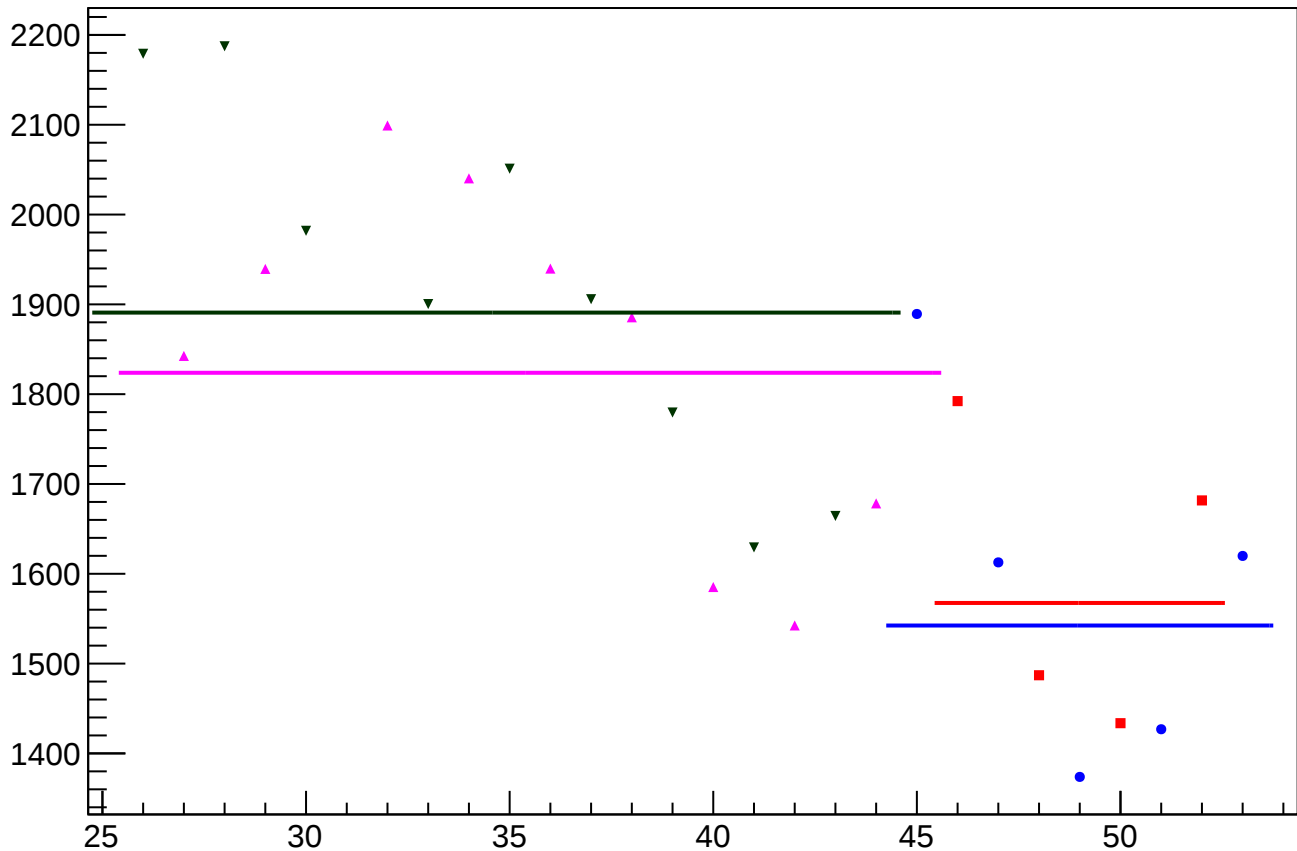
Right Out: 185.917+/-1134.579 χ^2/NDF : 4.5/3

Left In: -1478.705+/-773.885 χ^2/NDF : 8.9/8

-242.636+/-647.522 χ^2/NDF : 10.2/13

-950.152+/-639.324 χ^2/NDF : 14.9/12

asym_sam7_correction_rms vs slug



Right In: 1542.396 $\pm$ 0.690 χ^2 /NDF: 74205.4/4

Left Out: 1890.834 $\pm$ 0.612 χ^2 /NDF:103303.6/8

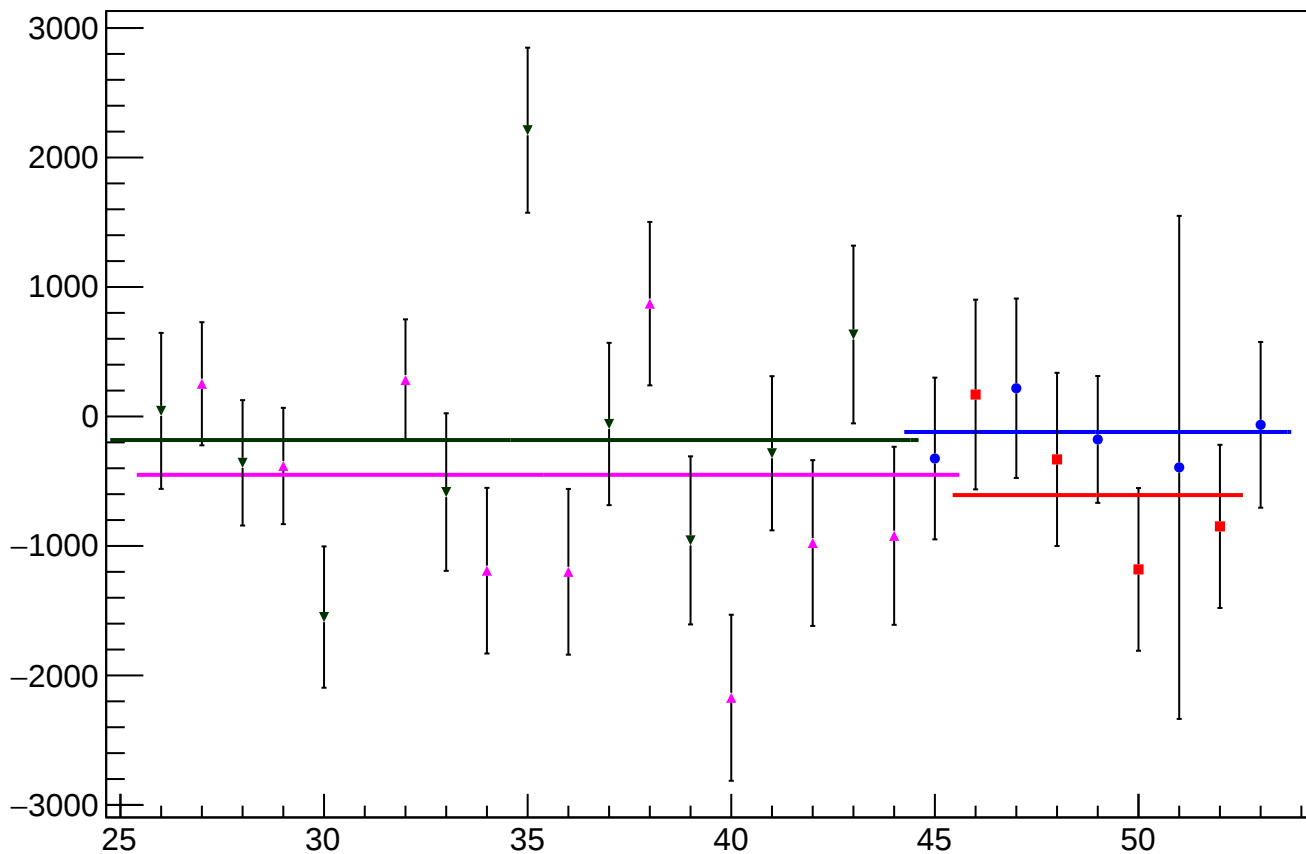
Right Out: 1567.519 $\pm$ 0.802 χ^2 /NDF: 30064.3/3

Left In: 1823.820 $\pm$ 0.547 χ^2 /NDF:117391.1/8

1737.547 $\pm$ 0.458 χ^2 /NDF: 320200.0/13

1742.439 $\pm$ 0.452 χ^2 /NDF: 217110.4/12

reg_asym_sam8_mean vs slug



Right In: -119.678 $\pm$ 294.658 χ^2/NDF : 0.4/4

Left Out: -181.996 $\pm$ 198.404 χ^2/NDF : 24.0/8

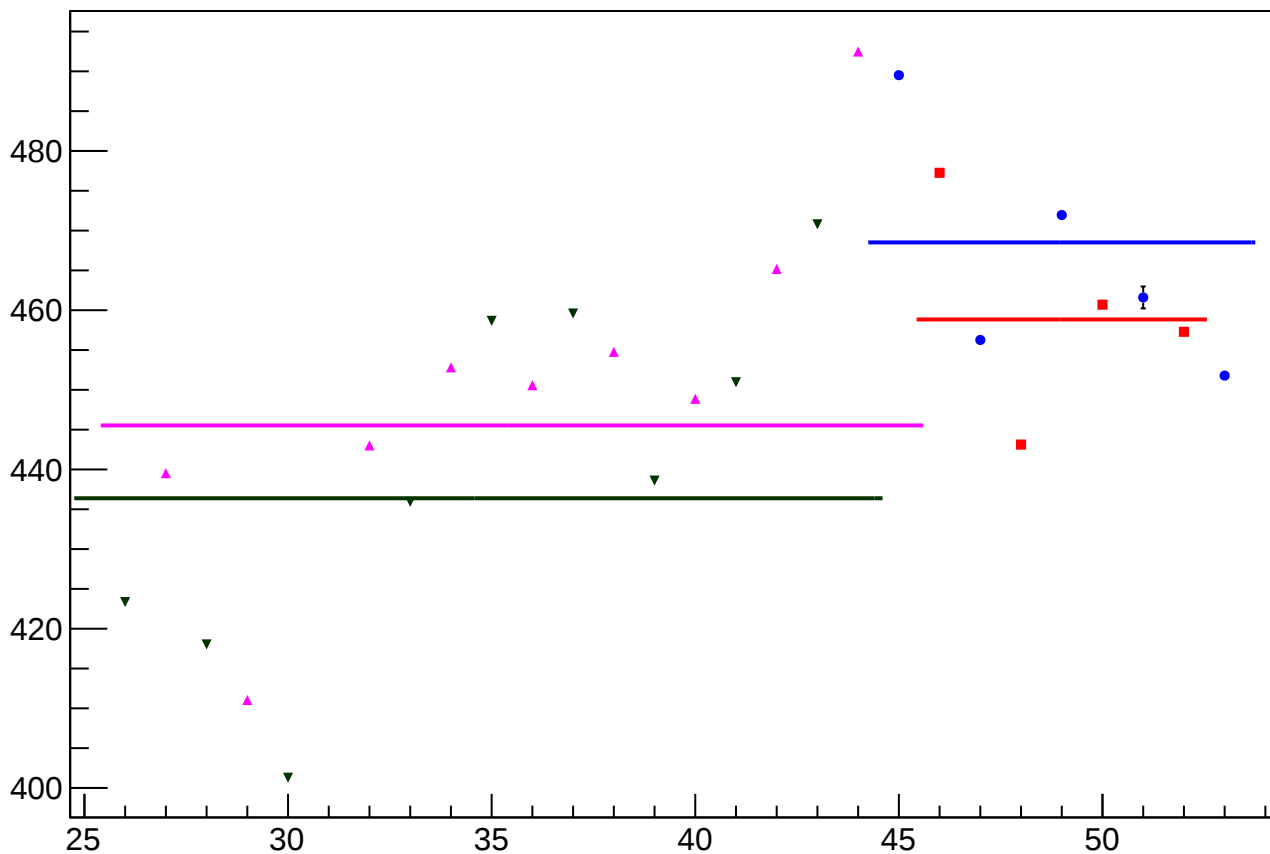
Right Out: -607.121 $\pm$ 330.554 χ^2/NDF : 2.3/3

Left In: -450.653 $\pm$ 187.903 χ^2/NDF : 20.1/8

-162.556 $\pm$ 164.574 χ^2/NDF : 24.4/13

-488.865 $\pm$ 163.355 χ^2/NDF : 22.6/12

reg_asym_sam8_rms vs slug



Right In: 468.515+/-0.208 χ^2/NDF : 4377.1/4

Left Out: 436.383+/-0.140 χ^2/NDF : 23517.4/8

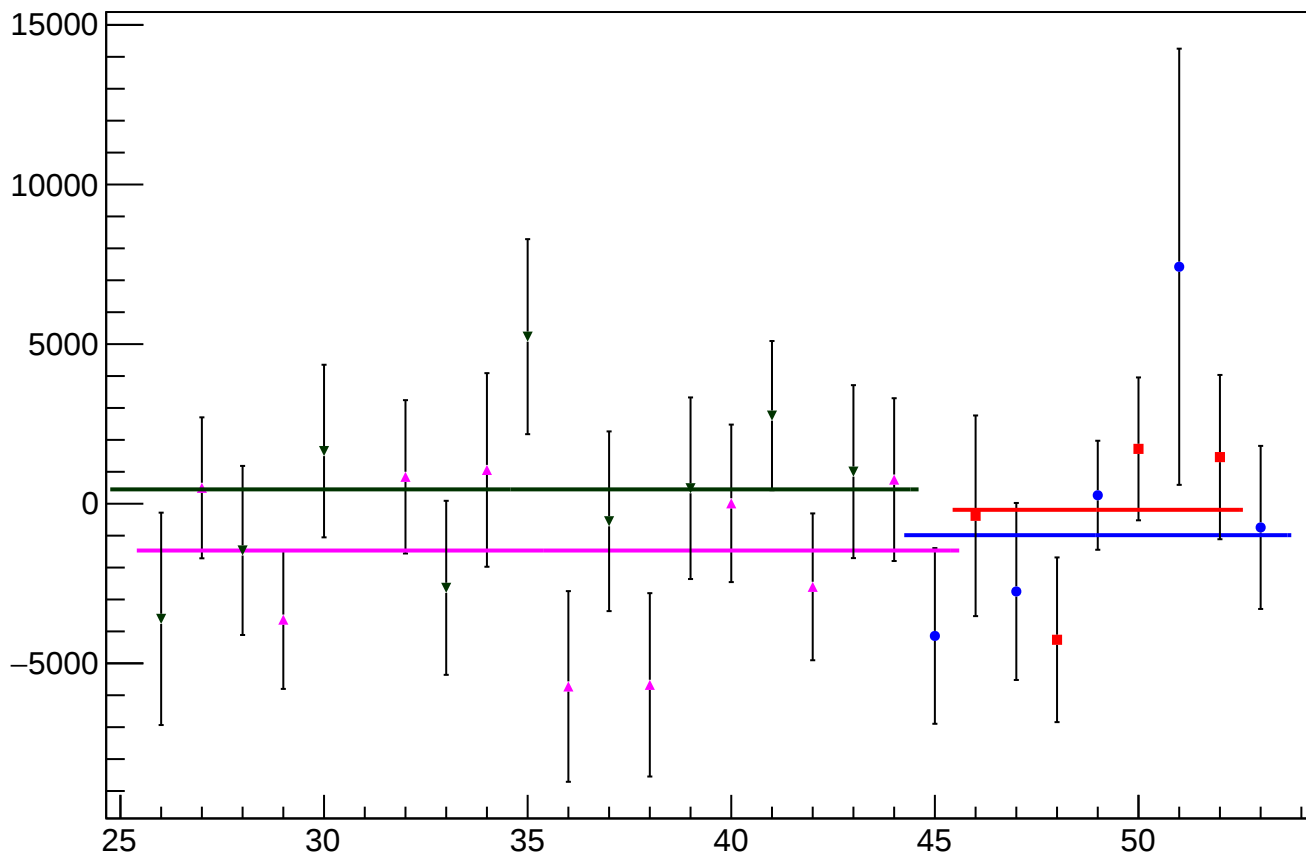
446.407+/-0.116 χ^2/NDF : 44259.0/13

Right Out: 458.838+/-0.234 χ^2/NDF : 2398.2/3

448.779+/-0.116 χ^2/NDF : 29090.4/12

Left In: 445.528+/-0.133 χ^2/NDF : 24241.7/8

asym_sam8_correction_mean vs slug



Right In: -985.346+/-1132.459 χ^2/NDF : 3.8/4

Left Out: 449.371+/-920.334 χ^2/NDF : 7.1/8

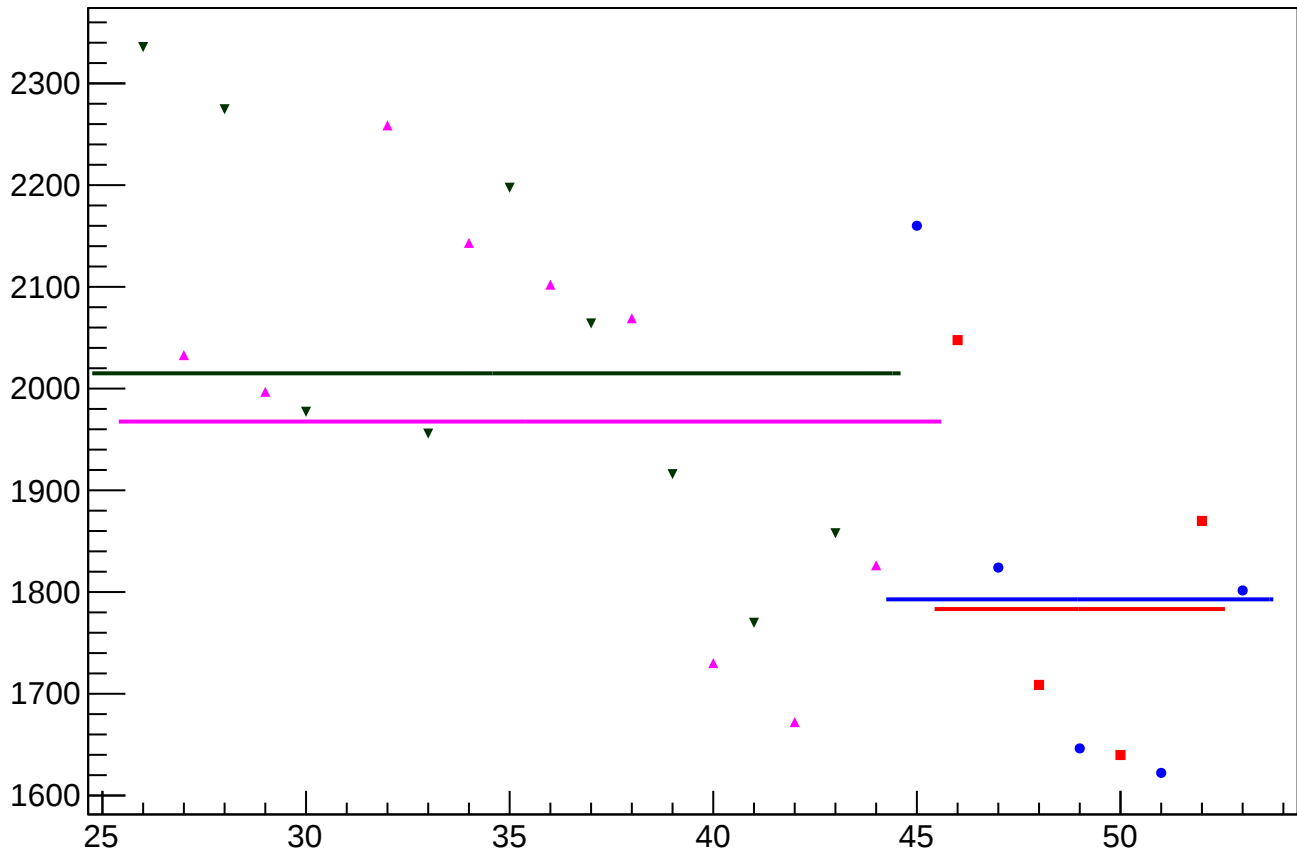
Right Out: -191.041+/-1288.668 χ^2/NDF : 3.6/3

Left In: -1466.179+/-833.373 χ^2/NDF : 8.9/8

-121.298+/-714.219 χ^2/NDF : 11.8/13

-1090.158+/-699.791 χ^2/NDF : 13.3/12

asym_sam8_correction_rms vs slug



Right In: 1792.820 ± 0.801 $\chi^2/\text{NDF}: 51867.2/4$

Left Out: 2015.018 ± 0.651 $\chi^2/\text{NDF}: 78061.6/8$

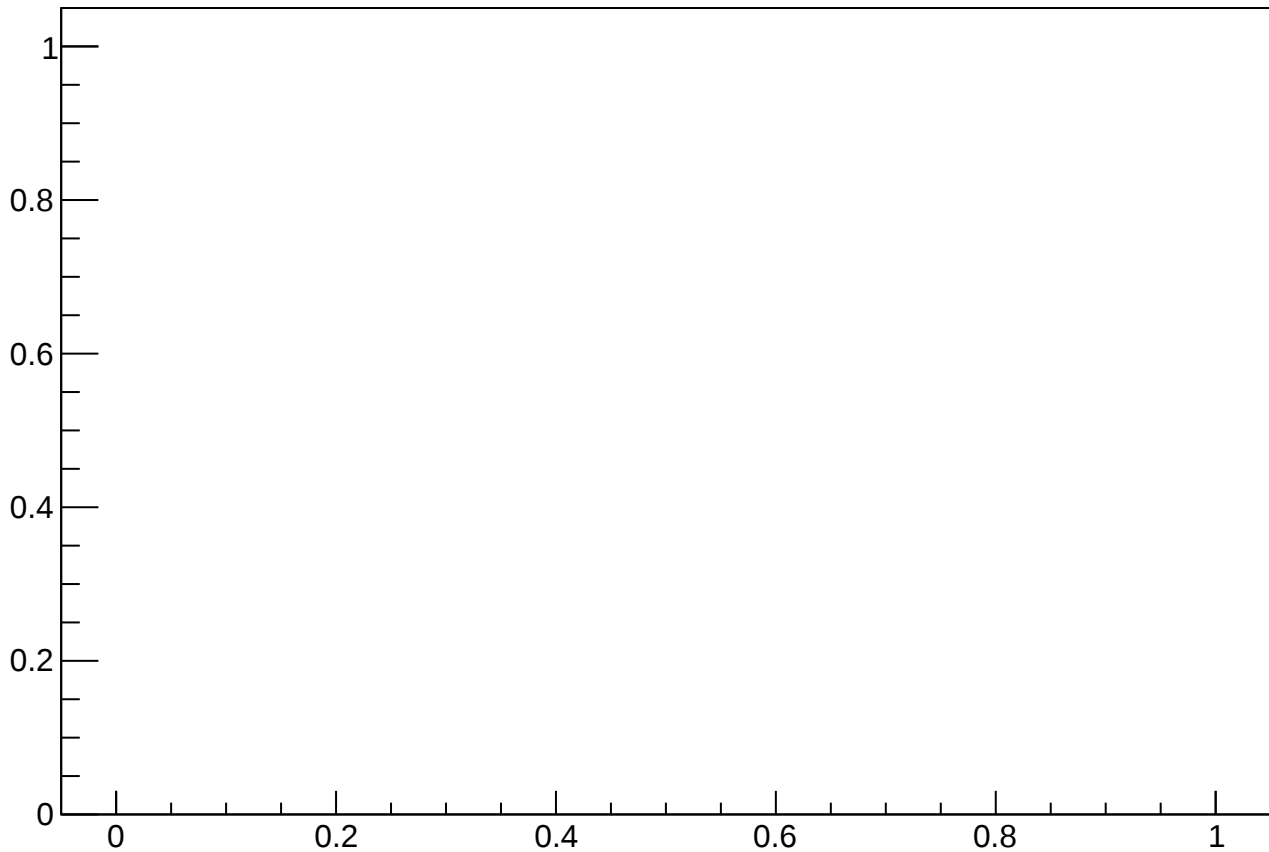
Right Out: 1783.285 ± 0.911 $\chi^2/\text{NDF}: 26307.4/3$

Left In: 1967.585 ± 0.589 $\chi^2/\text{NDF}: 102442.6/8$

1926.637 ± 0.505 $\chi^2/\text{NDF}: 176298.8/13$

1913.237 ± 0.495 $\chi^2/\text{NDF}: 157594.1/12$

bcm_an_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_us_ds3_avg_rms vs slug



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

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

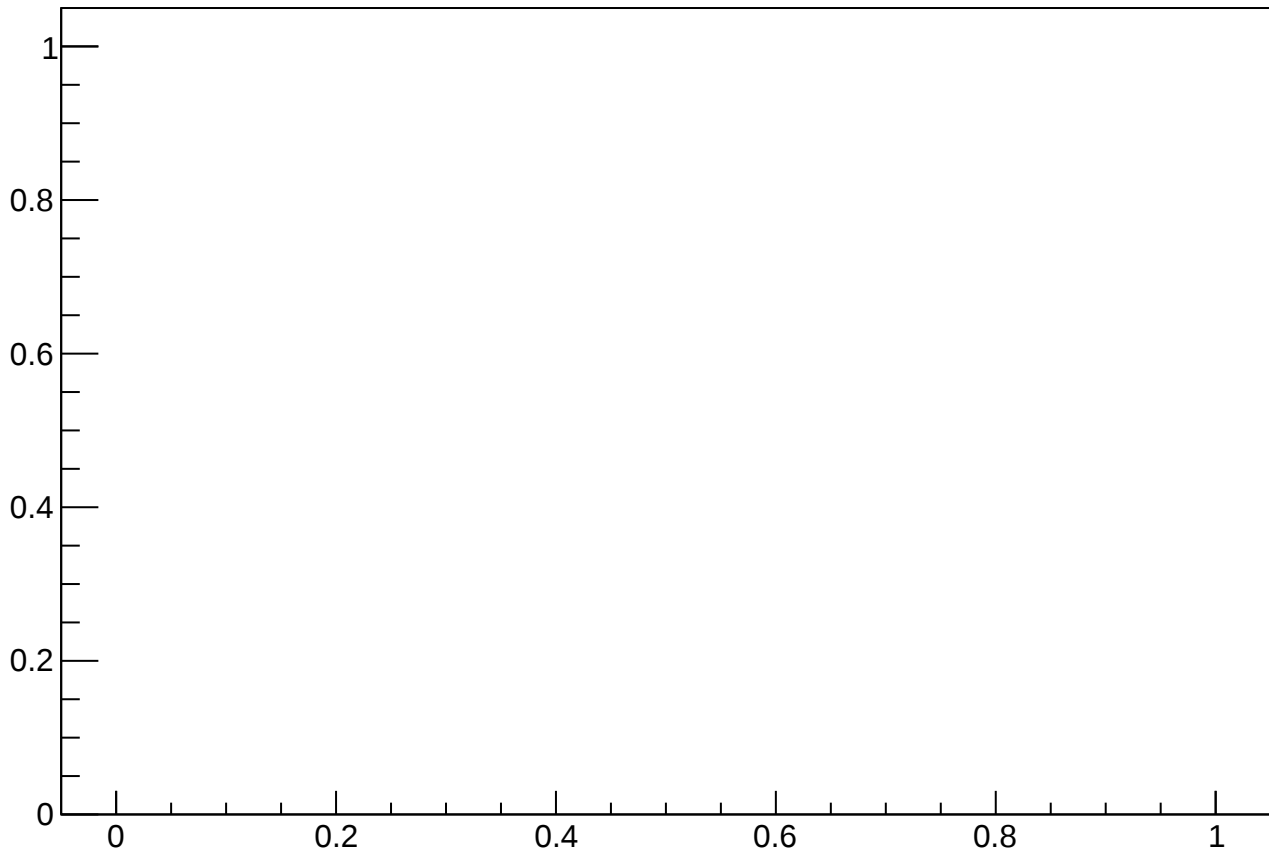
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

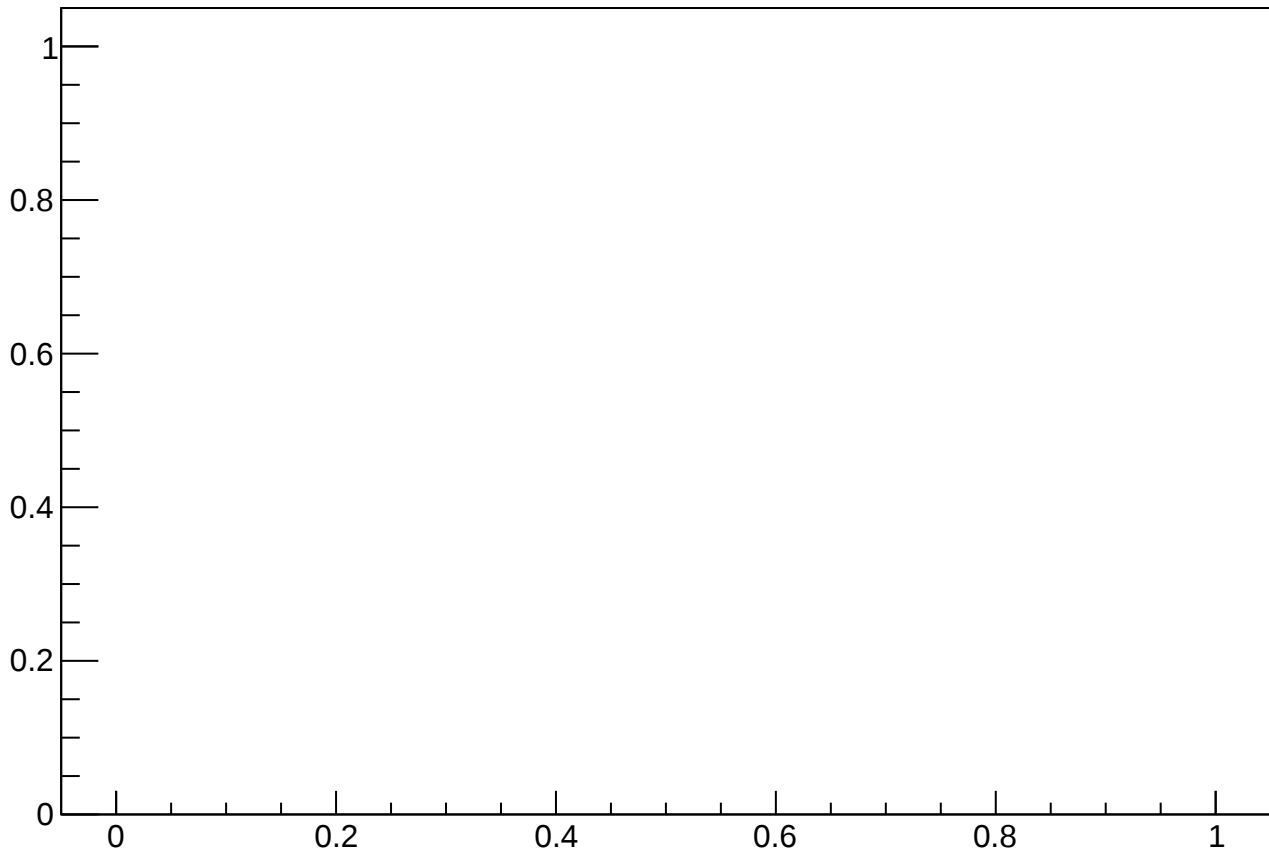
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_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

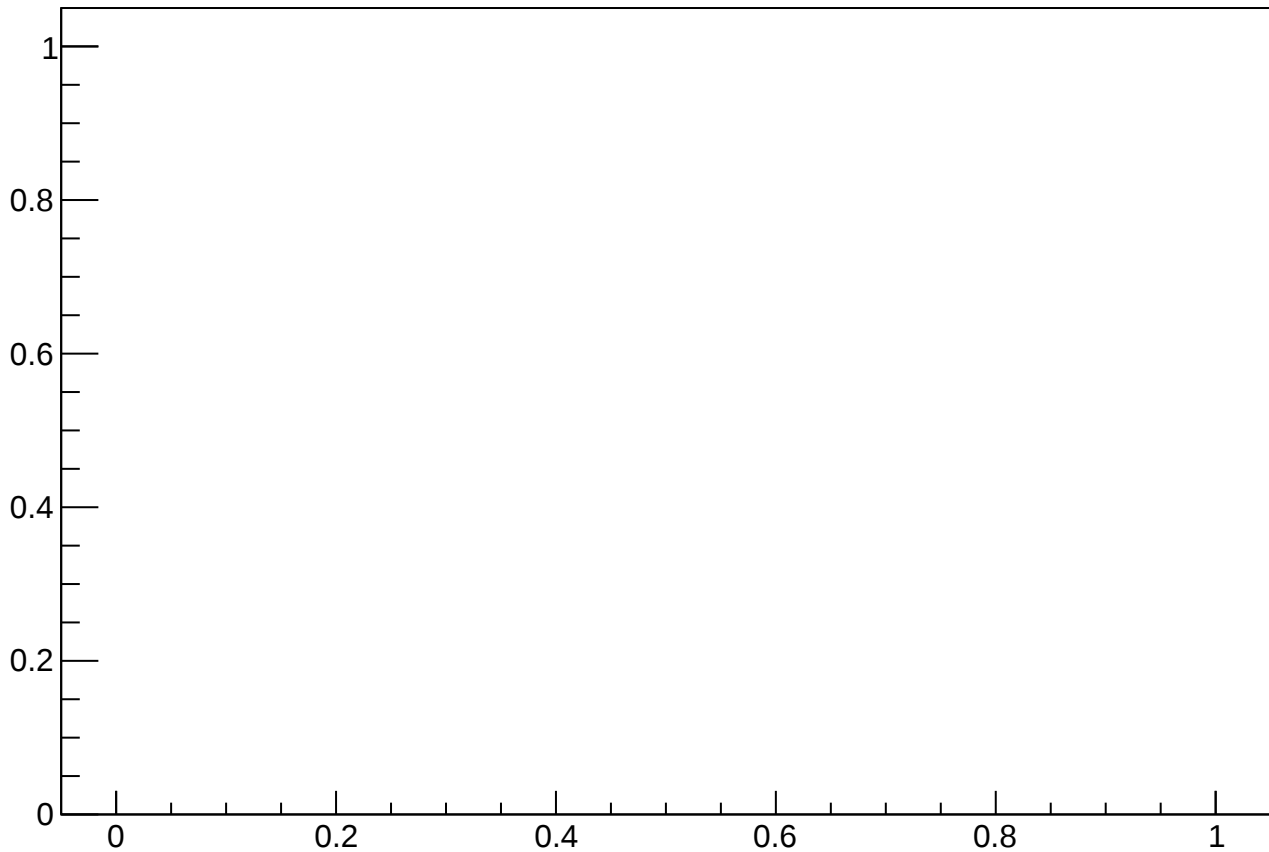
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

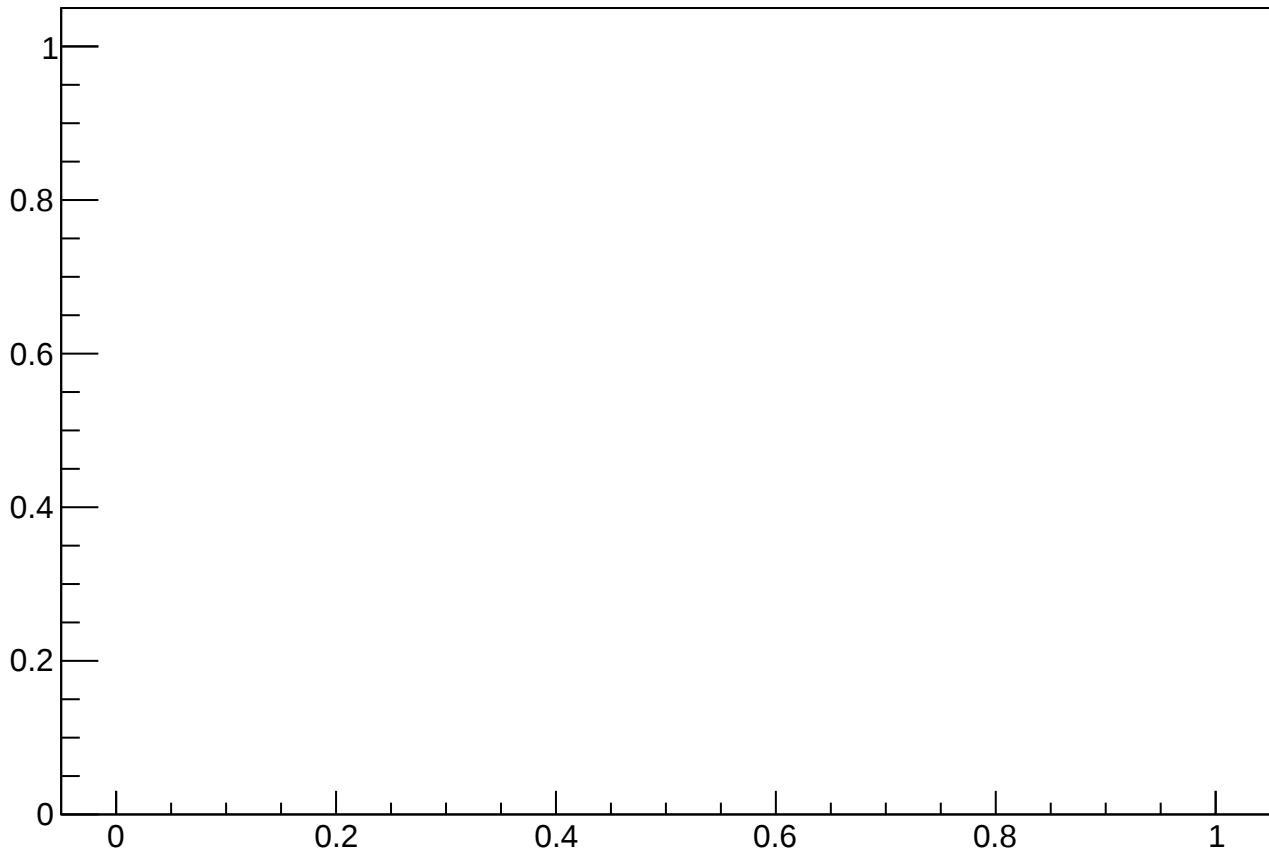
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

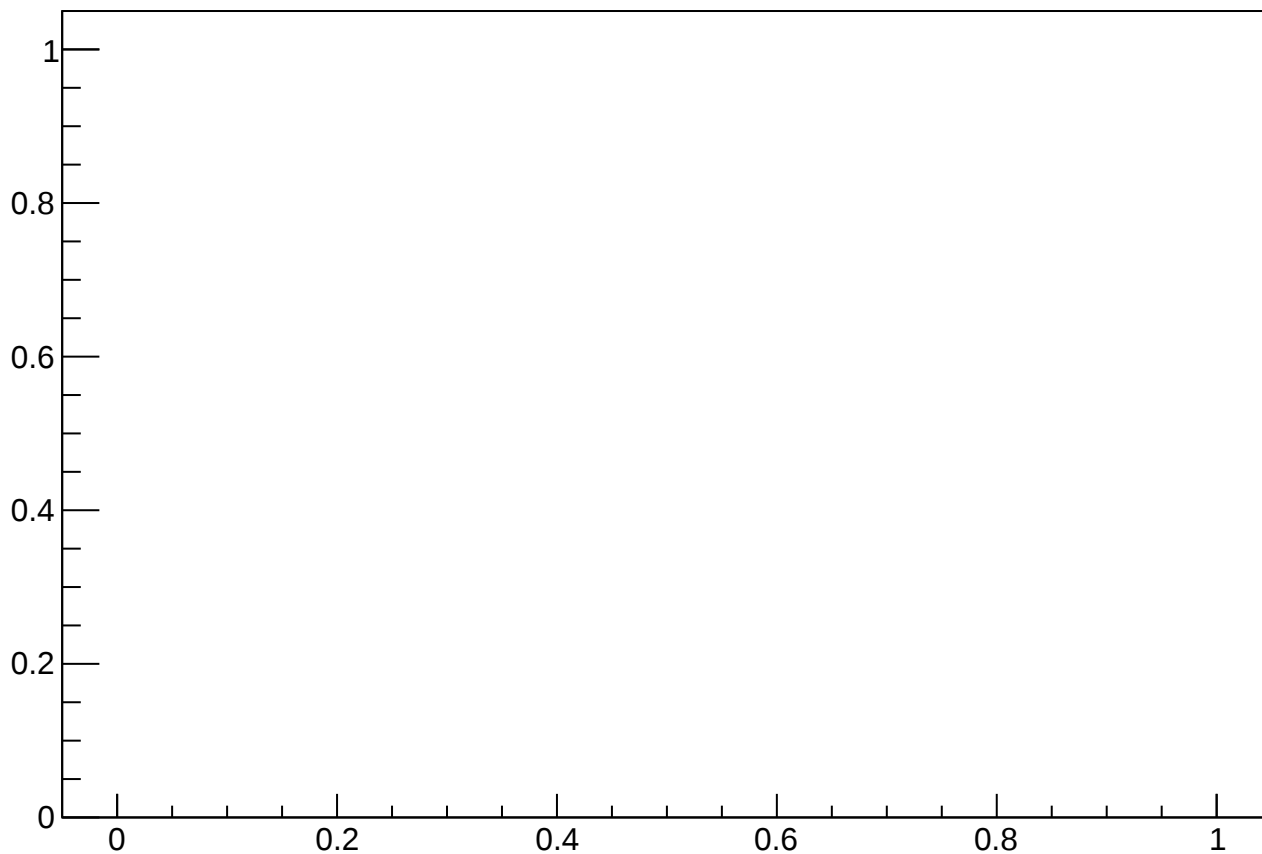
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

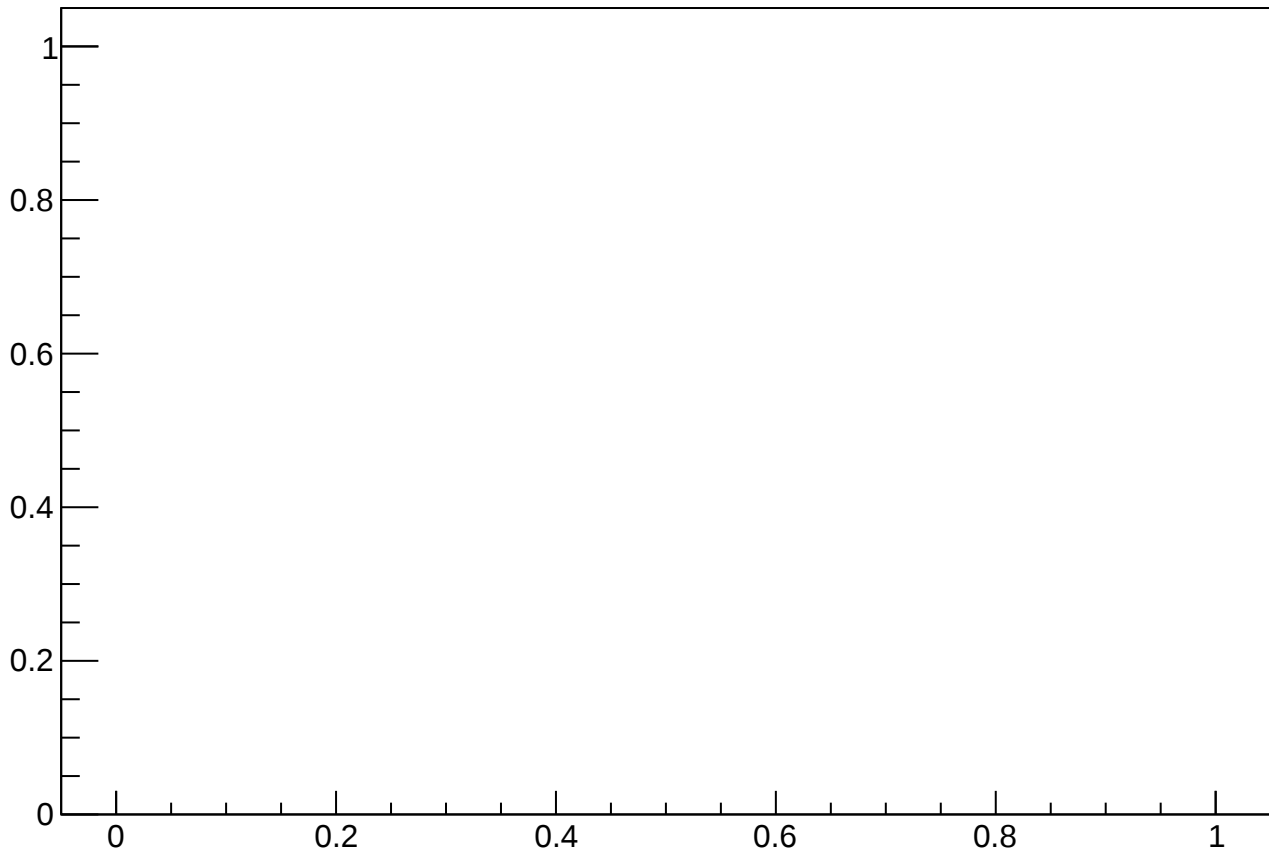
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

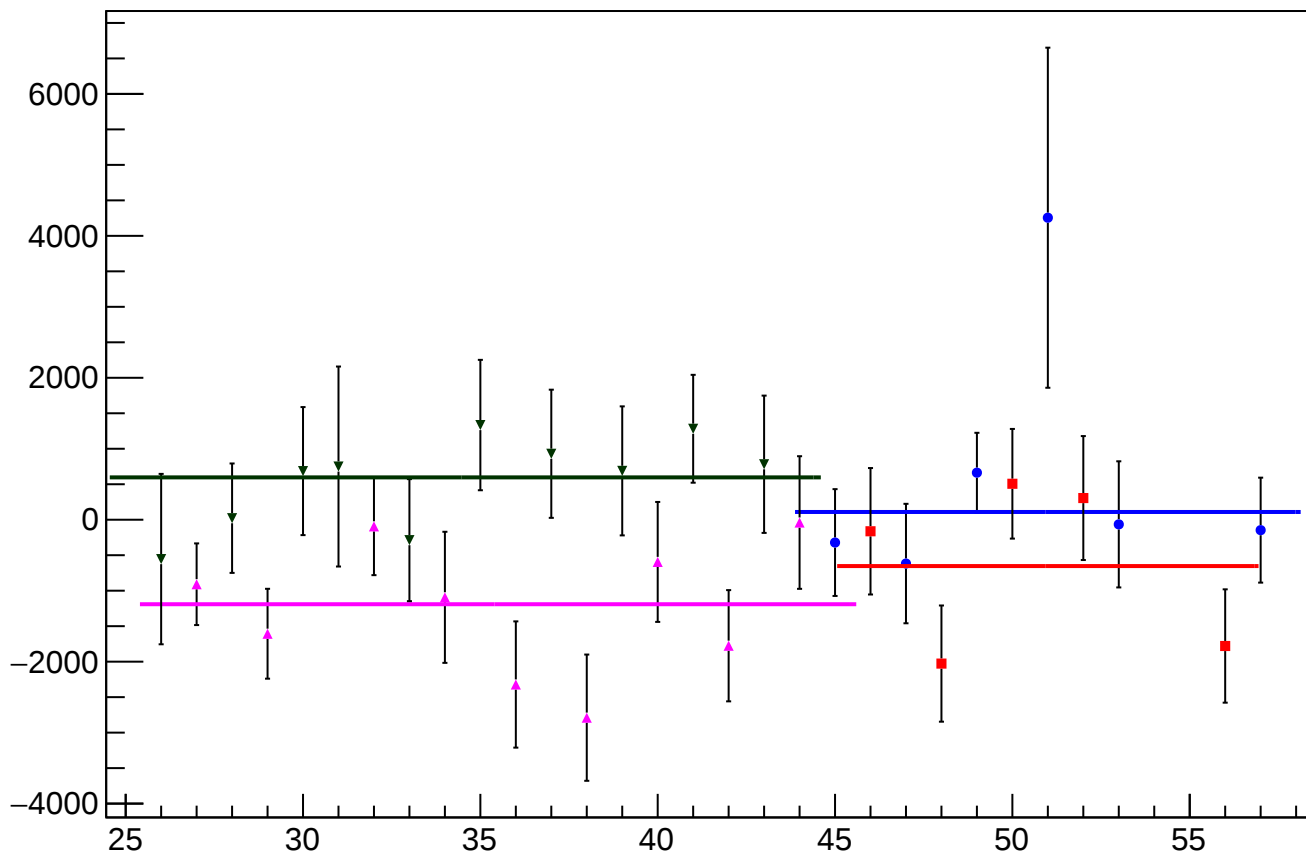
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

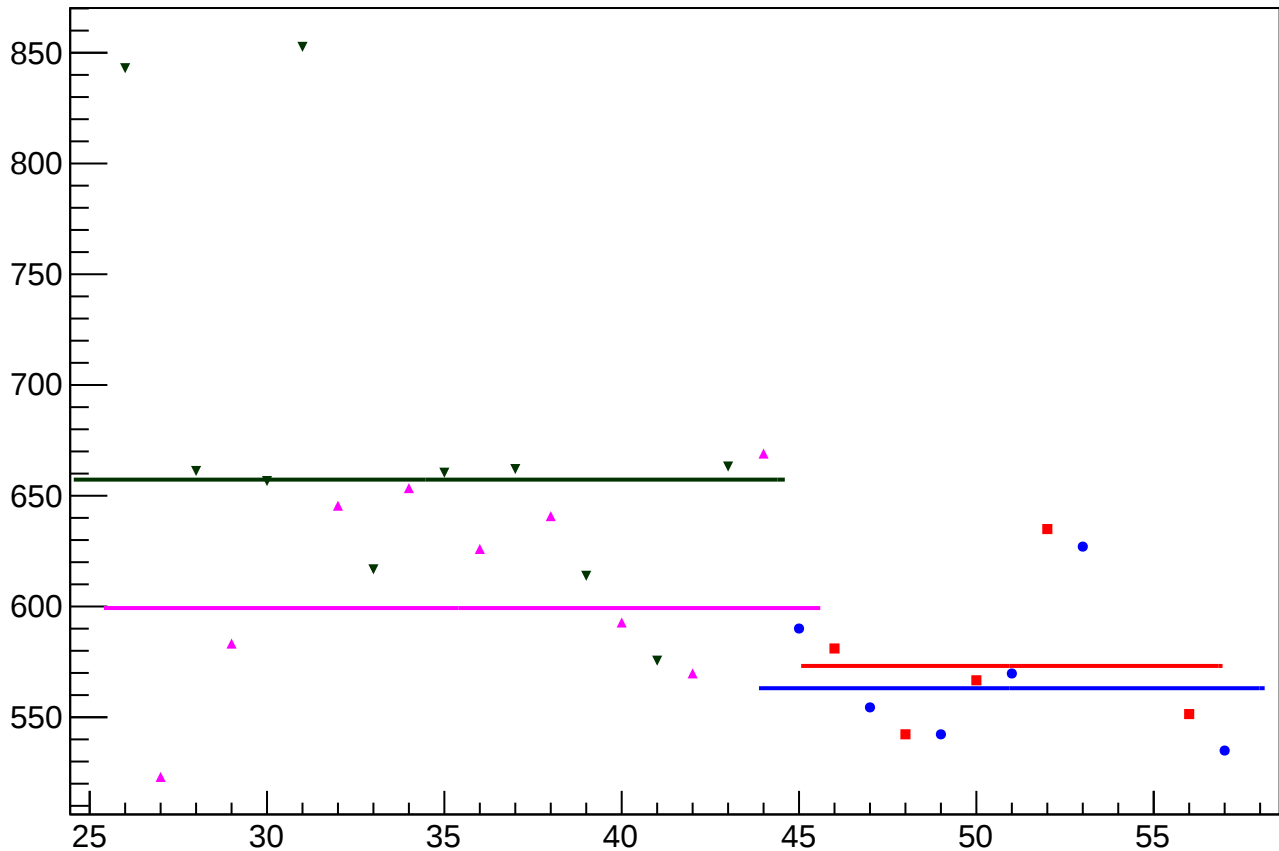
Right Out: -653.013+/-369.947 χ^2/NDF : 8.6/4

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

378.638+/-215.677 χ^2/NDF : 10.7/15

-1018.470+/-209.379 χ^2/NDF : 20.7/13

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

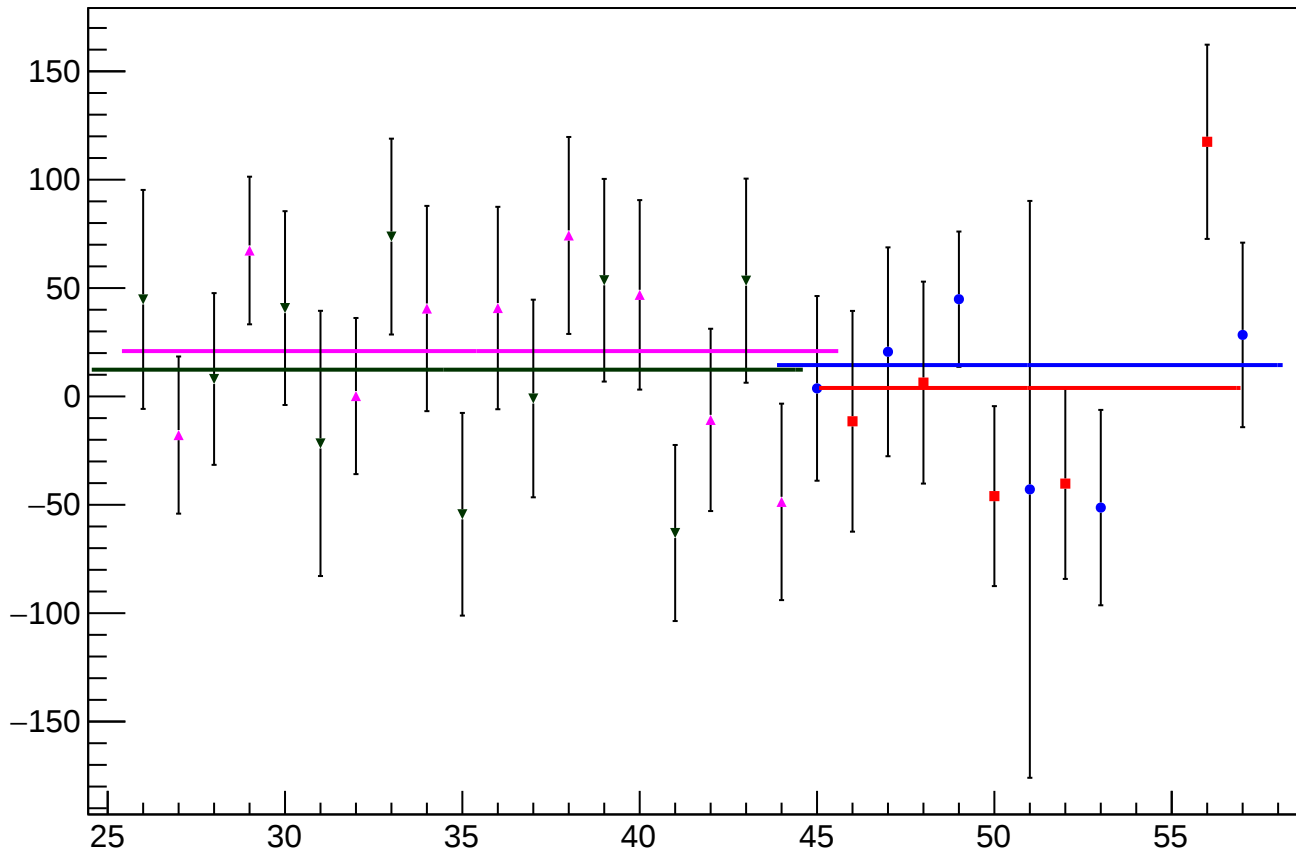
Right Out: 573.162 ± 0.262 χ^2/NDF : 14638.0/4

Left In: 599.296 ± 0.180 χ^2/NDF : 72545.0/8

615.167 ± 0.153 χ^2/NDF : 231716.1/15

590.924 ± 0.148 χ^2/NDF : 93966.6/13

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

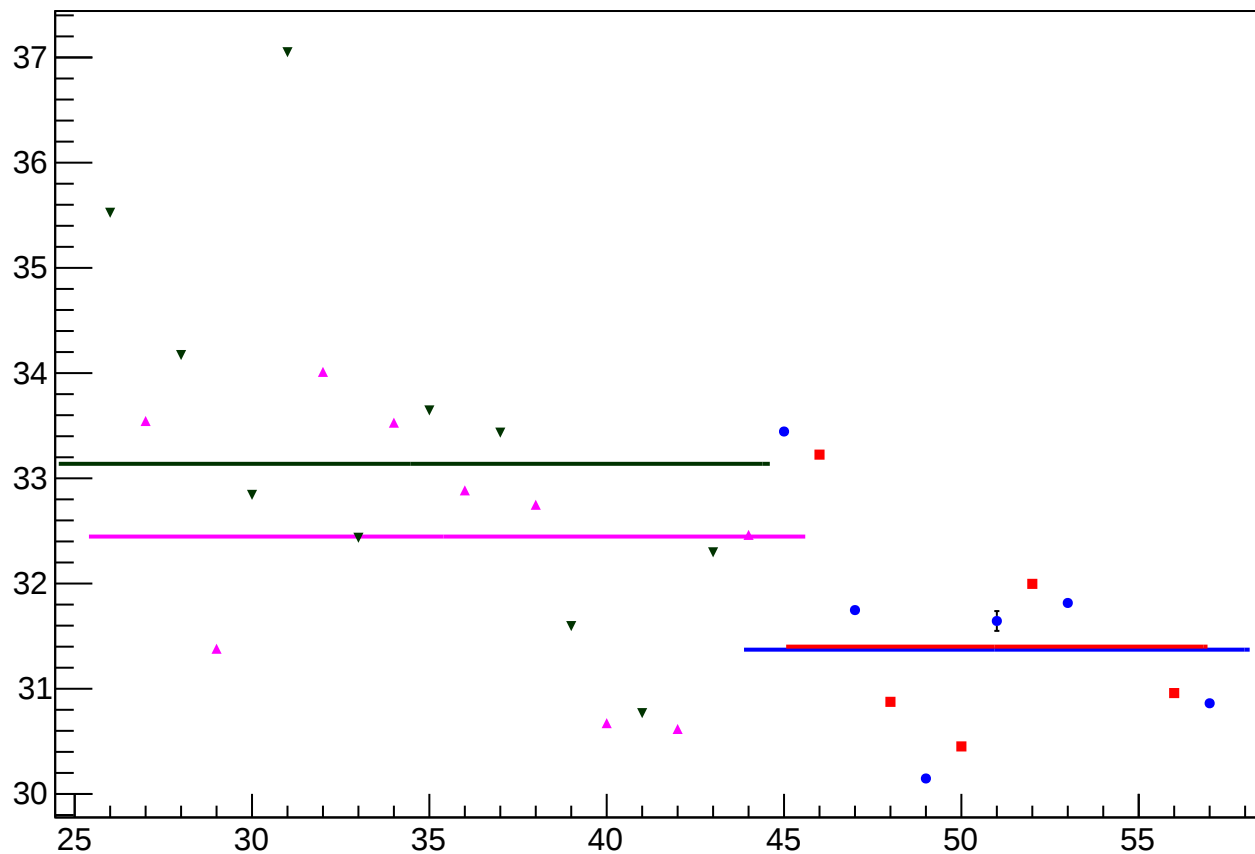
Right Out: 3.908+/-20.238 χ^2/NDF : 9.0/4

Left In: 20.920+/-13.661 χ^2/NDF :8.3/8

13.184+/-11.288 χ^2/NDF : 13.5/15

15.595+/-11.323 χ^2/NDF : 17.8/13

asym_left_dd_rms vs slug



Right In: 31.372 ± 0.013 χ^2/NDF : 8424.2/5

Left Out: 33.138 ± 0.010 χ^2/NDF : 24511.4/9

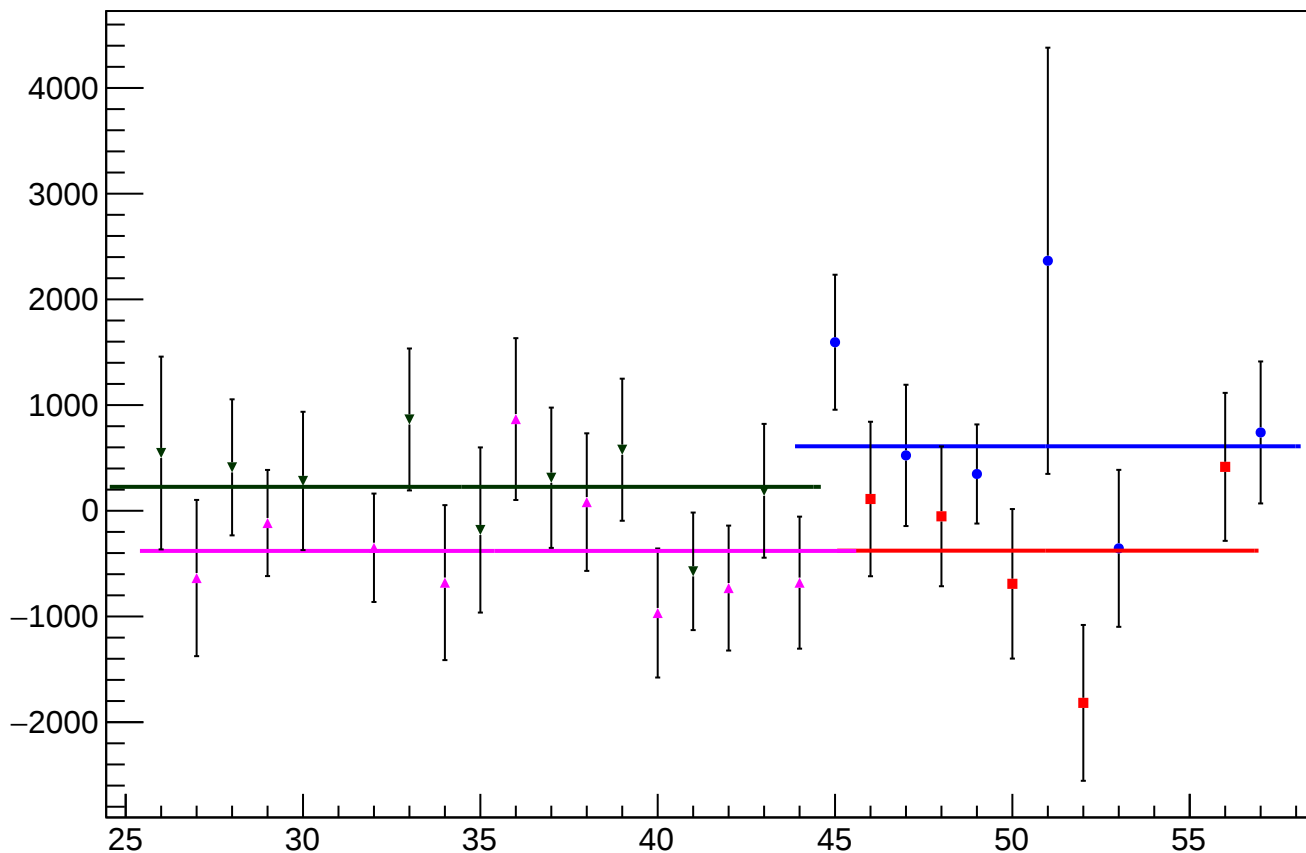
Right Out: 31.400 ± 0.014 χ^2/NDF : 4427.3/4

Left In: 32.446 ± 0.010 χ^2/NDF : 15954.4/8

32.438 ± 0.008 χ^2/NDF : 44649.1/15

32.119 ± 0.008 χ^2/NDF : 24052.2/13

asym_right_avg_mean vs slug



Right In: 610.085+/-272.017 χ^2/NDF : 5.2/5

Left Out: 226.455+/-223.469 χ^2/NDF : 3.7/8

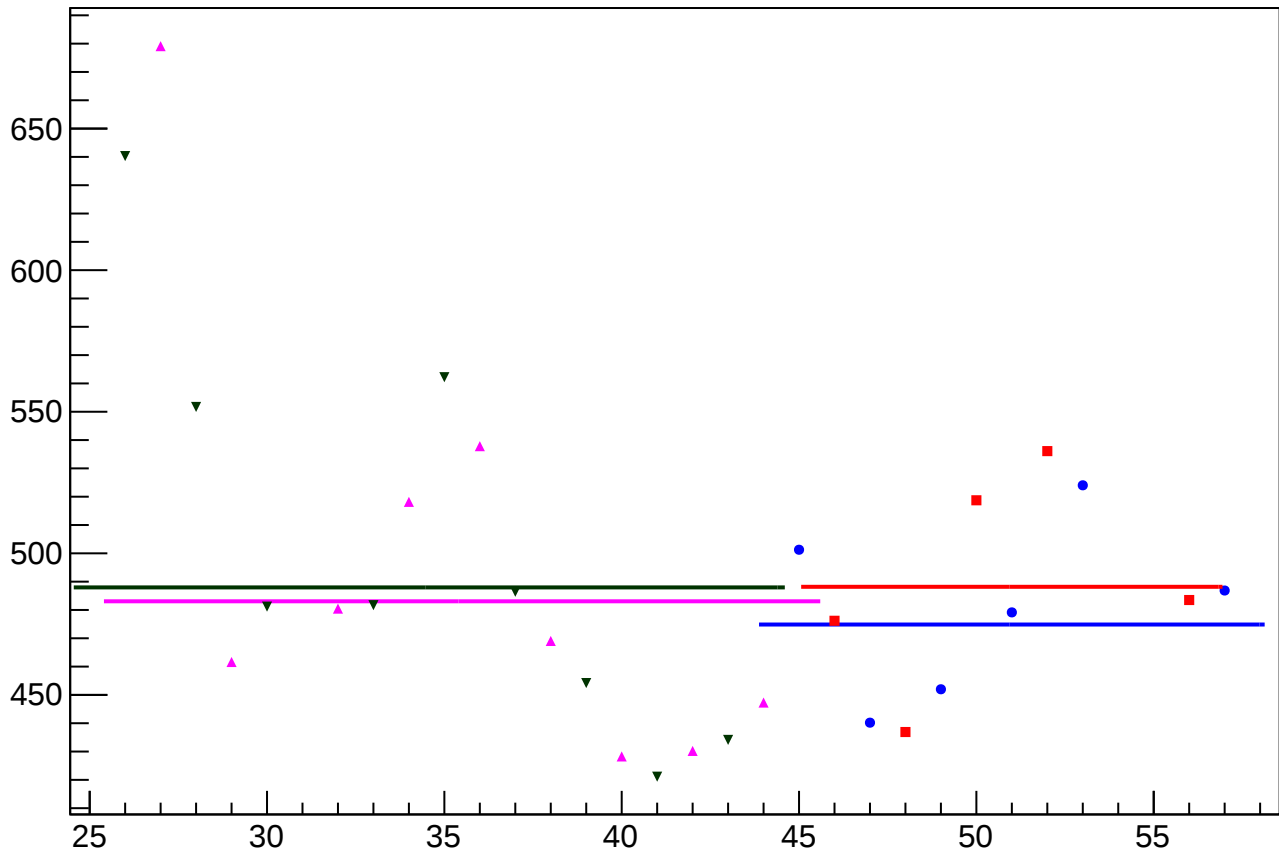
Right Out: -377.373+/-315.630 χ^2/NDF : 6.0/4

Left In: -379.789+/-205.675 χ^2/NDF : 5.2/8

381.039+/-172.672 χ^2/NDF : 10.1/14

-379.069+/-172.318 χ^2/NDF : 11.2/13

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

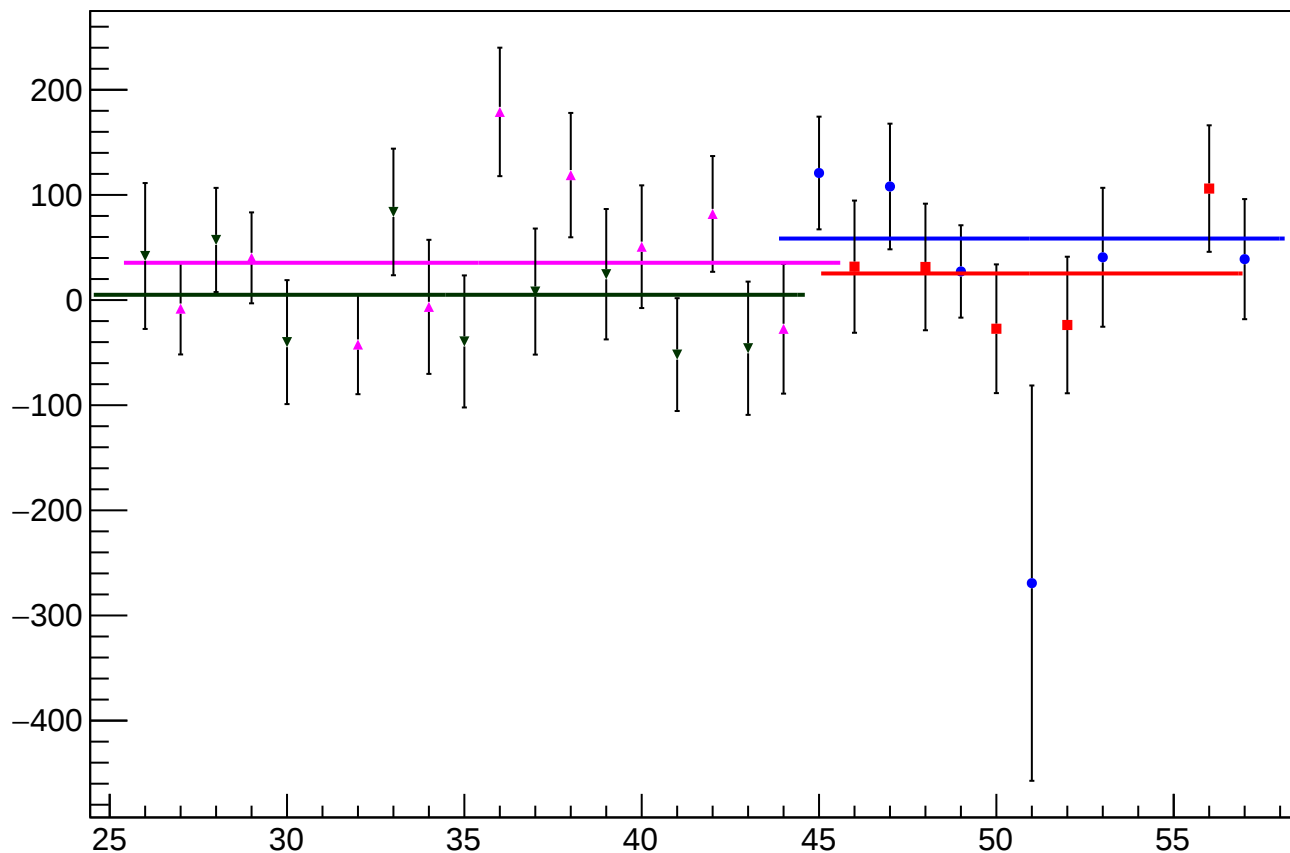
Right Out: 488.181+/-0.223 χ^2/NDF : 24832.8/4

Left In: 483.059+/-0.145 χ^2/NDF :198865.1/8

482.685+/-0.122 χ^2/NDF : 168056.9/14

484.585+/-0.122 χ^2/NDF : 224067.6/13

asym_right_dd_mean vs slug



Right In: 58.512 $\pm$ 24.182 χ^2 /NDF: 5.8/5

Left Out: 5.008 $\pm$ 19.738 χ^2 /NDF:6.1/8

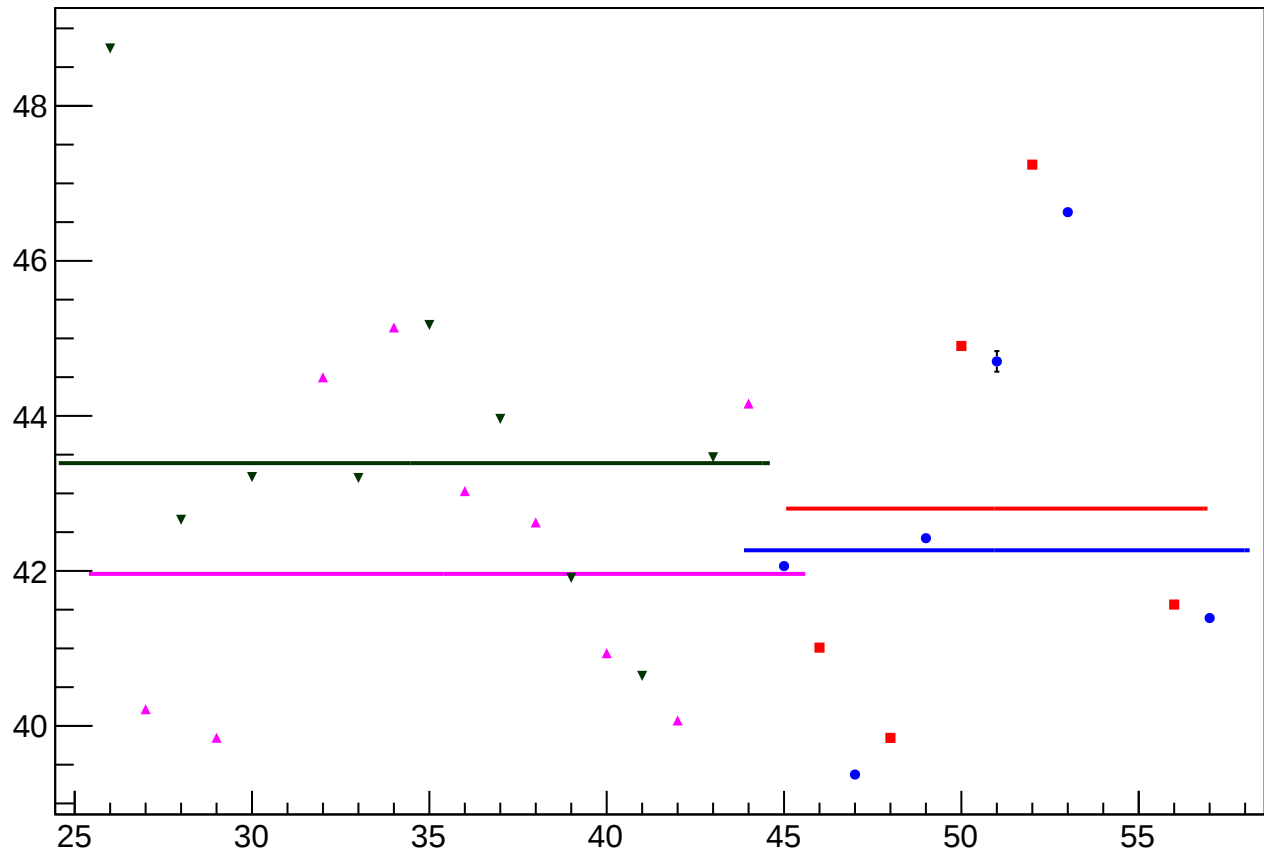
Right Out: 25.294 $\pm$ 27.639 χ^2 /NDF: 3.1/4

Left In: 35.466 $\pm$ 17.692 χ^2 /NDF:13.5/8

26.401 $\pm$ 15.291 χ^2 /NDF: 14.8/14

32.510 $\pm$ 14.901 χ^2 /NDF: 16.7/13

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

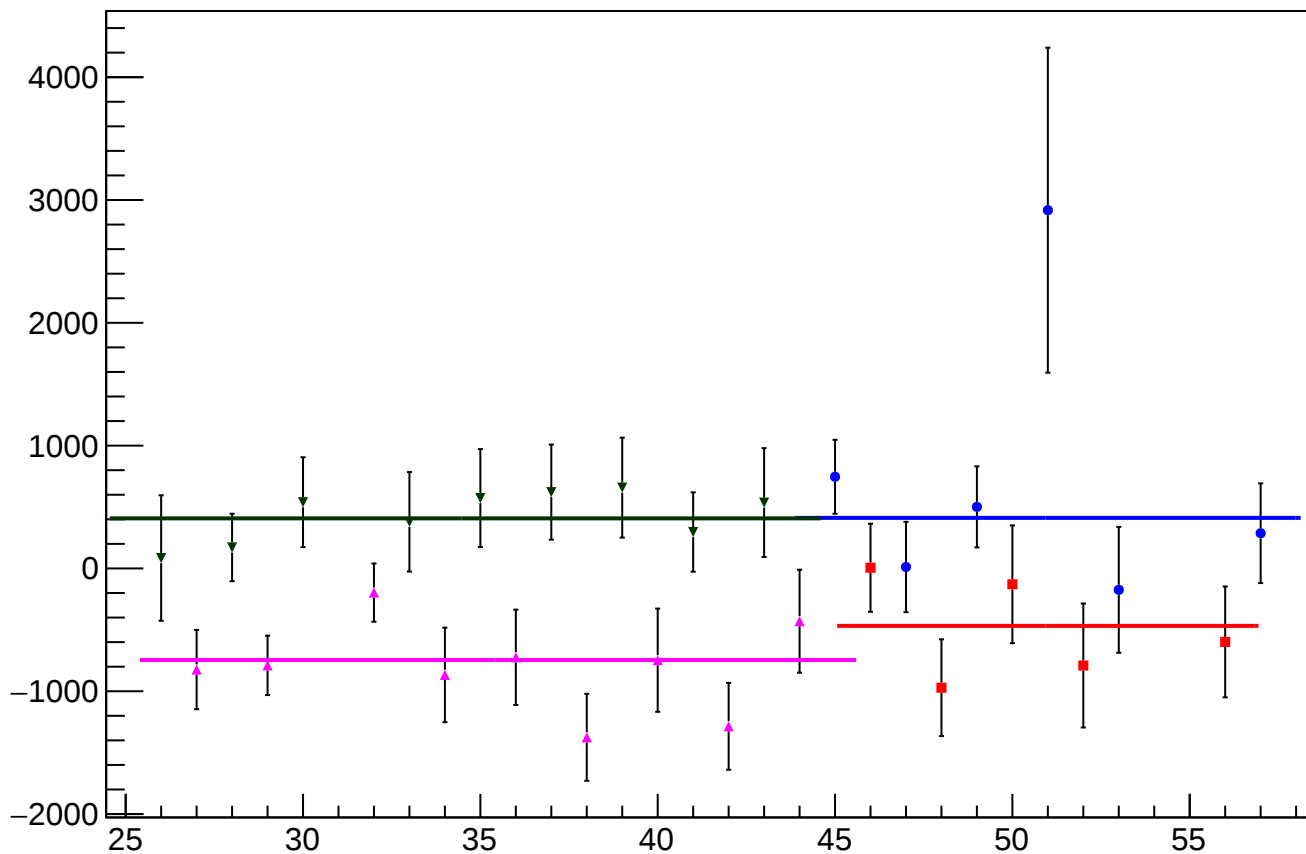
Right Out: 42.804+/-0.020 χ^2/NDF : 18994.5/4

Left In: 41.961+/-0.013 χ^2/NDF : 25099.5/8

42.941+/-0.011 χ^2/NDF : 37391.9/14

42.206+/-0.011 χ^2/NDF : 45412.3/13

asym_us_avg_mean vs slug



Right In: 411.811 $\pm$ 162.064 χ^2/NDF : 7.5/5

Left Out: 407.654 $\pm$ 124.646 χ^2/NDF : 2.3/8

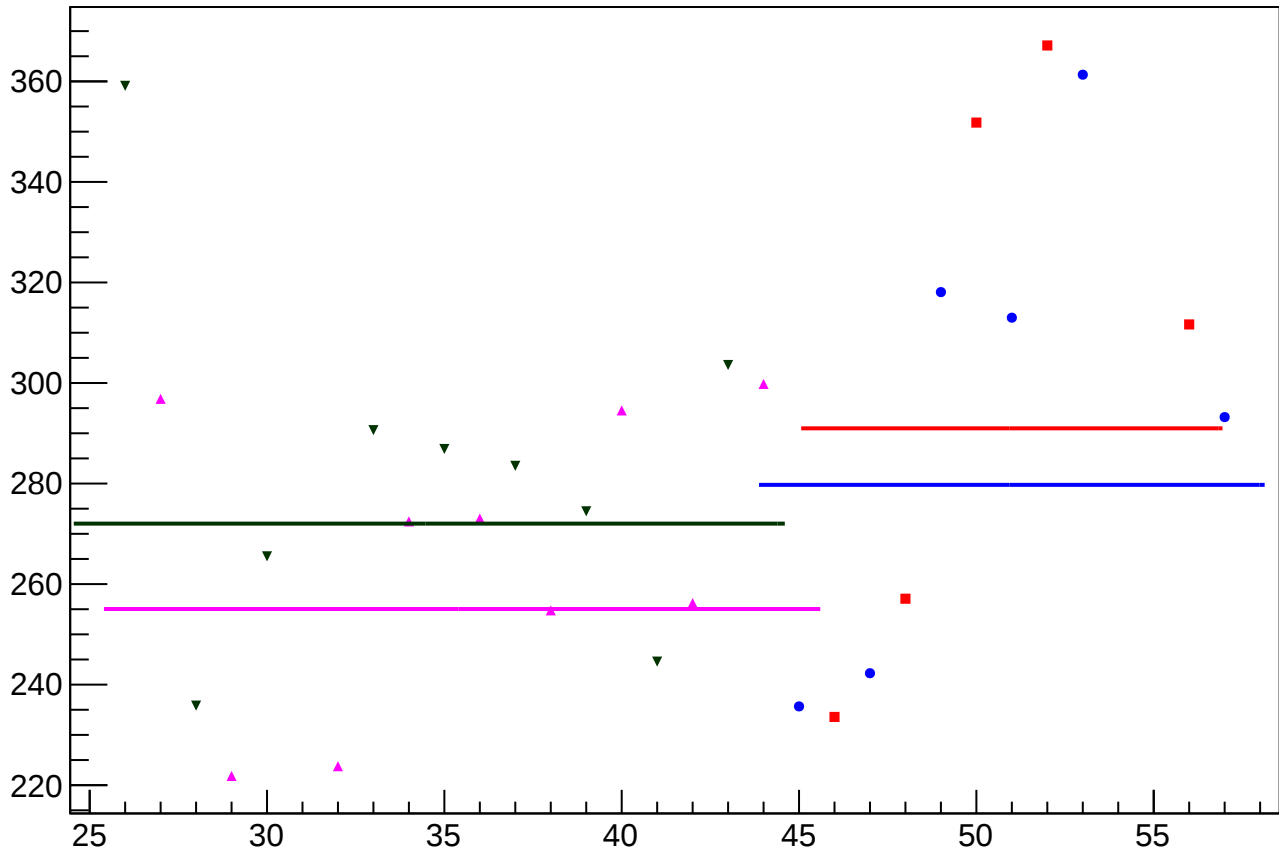
Right Out: -467.682 $\pm$ 191.035 χ^2/NDF : 4.4/4

Left In: -745.341 $\pm$ 108.352 χ^2/NDF : 11.6/8

409.199 $\pm$ 98.803 χ^2/NDF : 9.8/14

-677.759 $\pm$ 94.248 χ^2/NDF : 17.6/13

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

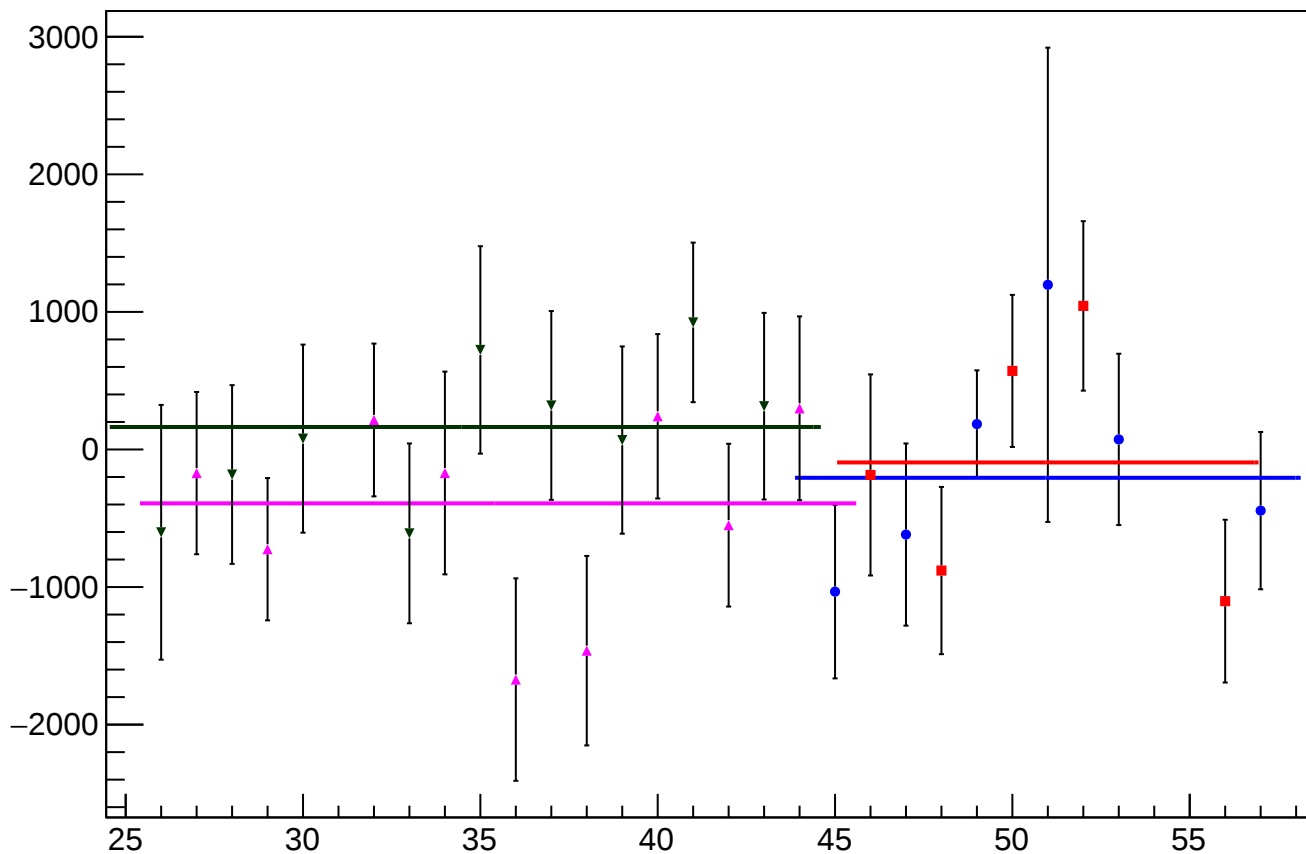
Right Out: 290.982 ± 0.135 χ^2/NDF : 147961.2/4

Left In: 255.044 ± 0.077 χ^2/NDF : 154932.2/8

274.895 ± 0.070 χ^2/NDF : 274652.1/14

263.792 ± 0.067 χ^2/NDF : 356443.8/13

asym_us_dd_mean vs slug



Right In: -205.819 ± 240.270 $\chi^2/\text{NDF}: 4.1/5$

Left Out: 163.472 ± 228.189 $\chi^2/\text{NDF}: 4.8/8$

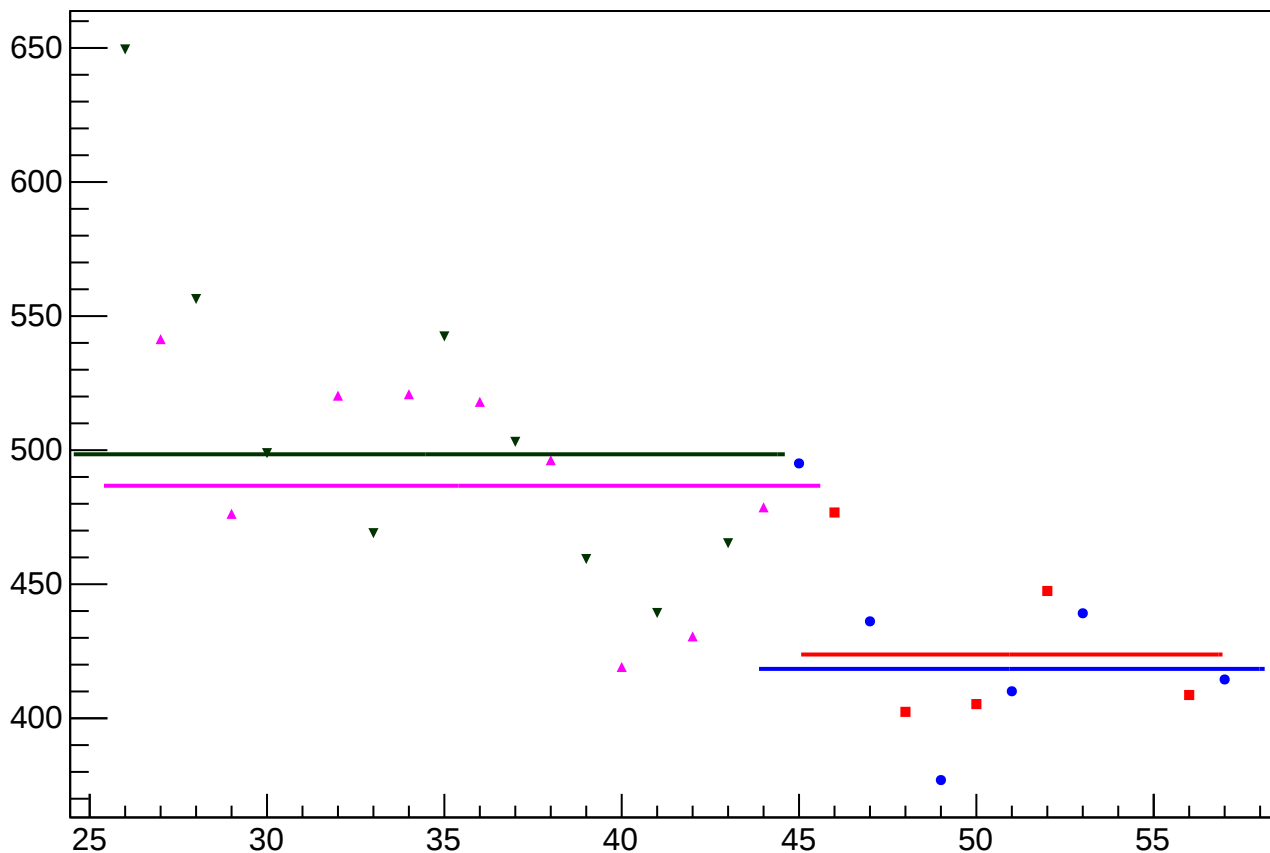
Right Out: -94.223 ± 273.742 $\chi^2/\text{NDF}: 9.5/4$

Left In: -391.603 ± 206.064 $\chi^2/\text{NDF}: 9.5/8$

-11.656 ± 165.460 $\chi^2/\text{NDF}: 10.2/14$

-284.041 ± 164.632 $\chi^2/\text{NDF}: 19.8/13$

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

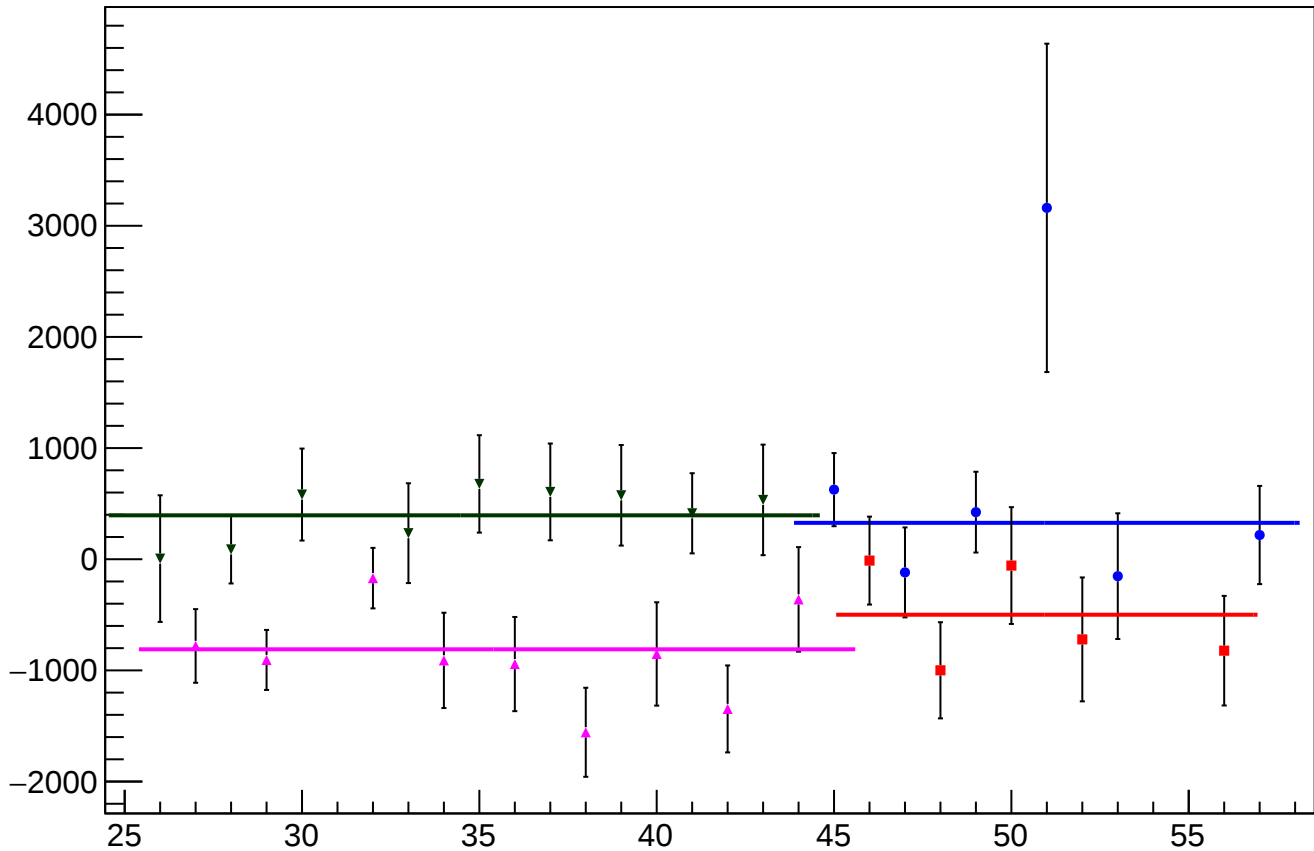
Right Out: 423.787 ± 0.194 χ^2/NDF : 19478.2/4

Left In: 486.730 ± 0.146 χ^2/NDF : 77533.3/8

460.504 ± 0.117 χ^2/NDF : 284766.7/14

463.964 ± 0.116 χ^2/NDF : 164505.2/13

asym_ds_avg_mean vs slug



Right In: 327.465 ± 177.811 $\chi^2/\text{NDF}: 6.6/5$

Left Out: 395.054 ± 139.188 $\chi^2/\text{NDF}: 2.7/8$

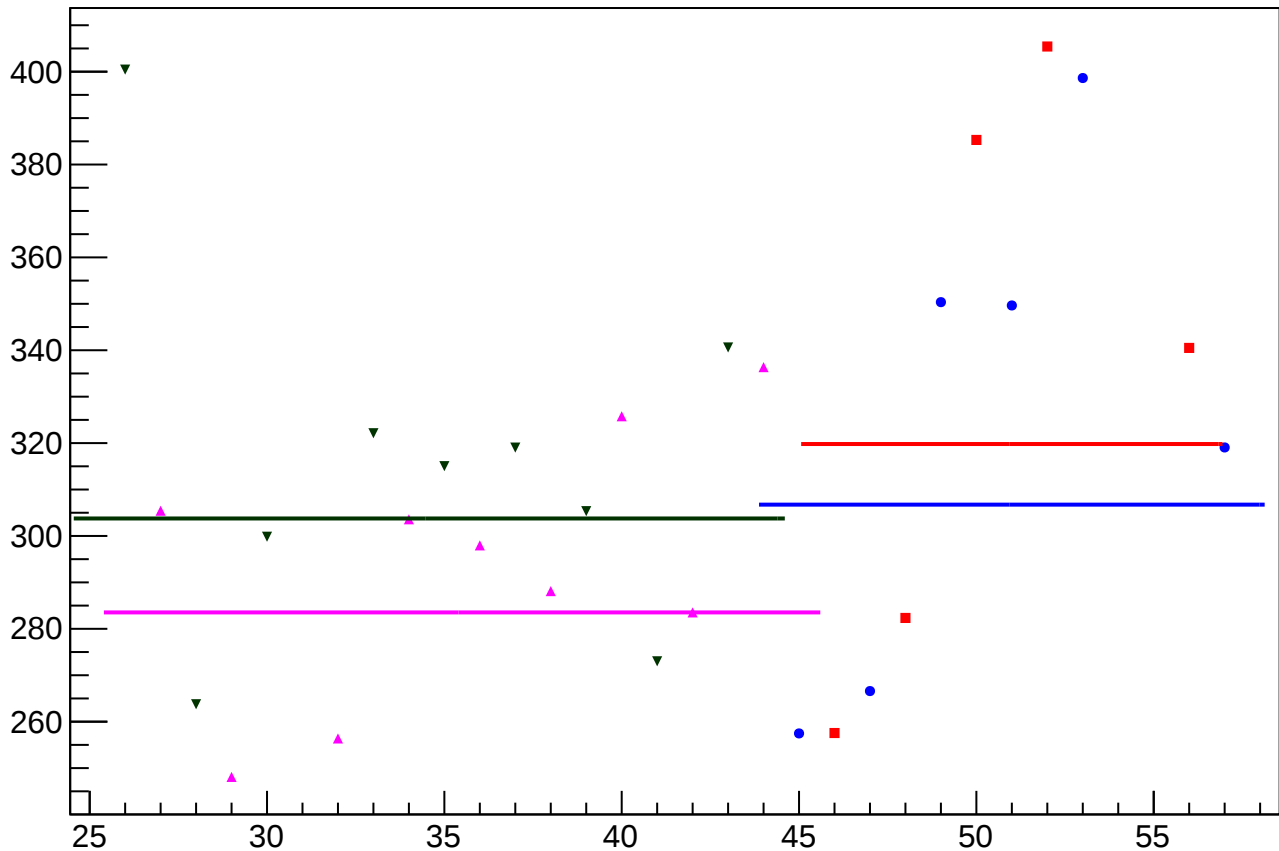
Right Out: -499.270 ± 209.936 $\chi^2/\text{NDF}: 4.1/4$

Left In: -810.313 ± 120.172 $\chi^2/\text{NDF}: 12.1/8$

369.374 ± 109.602 $\chi^2/\text{NDF}: 9.3/14$

-733.548 ± 104.294 $\chi^2/\text{NDF}: 17.9/13$

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

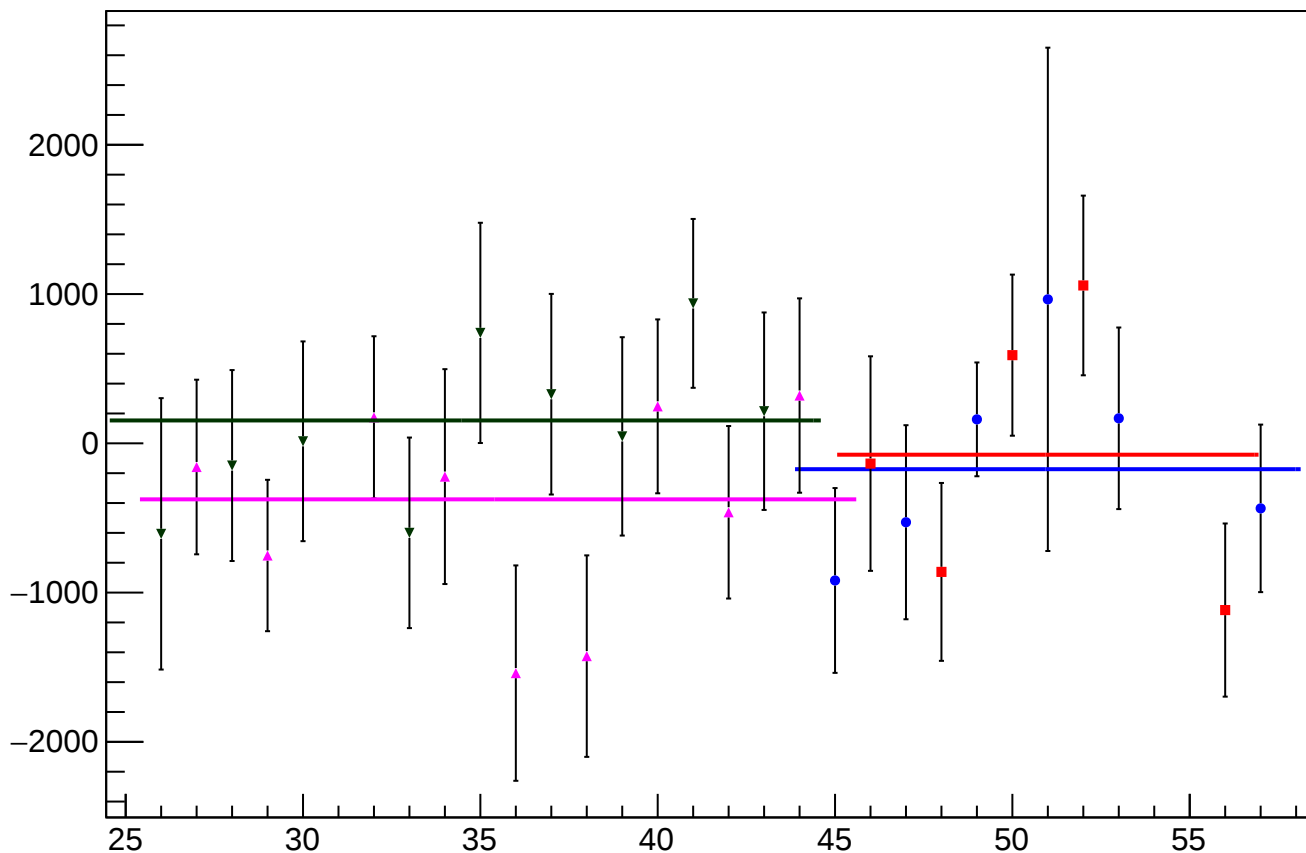
Right Out: 319.802+/-0.148 χ^2/NDF : 146333.2/4

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

304.898+/-0.078 χ^2/NDF : 274284.3/14

292.483+/-0.074 χ^2/NDF : 303073.9/13

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

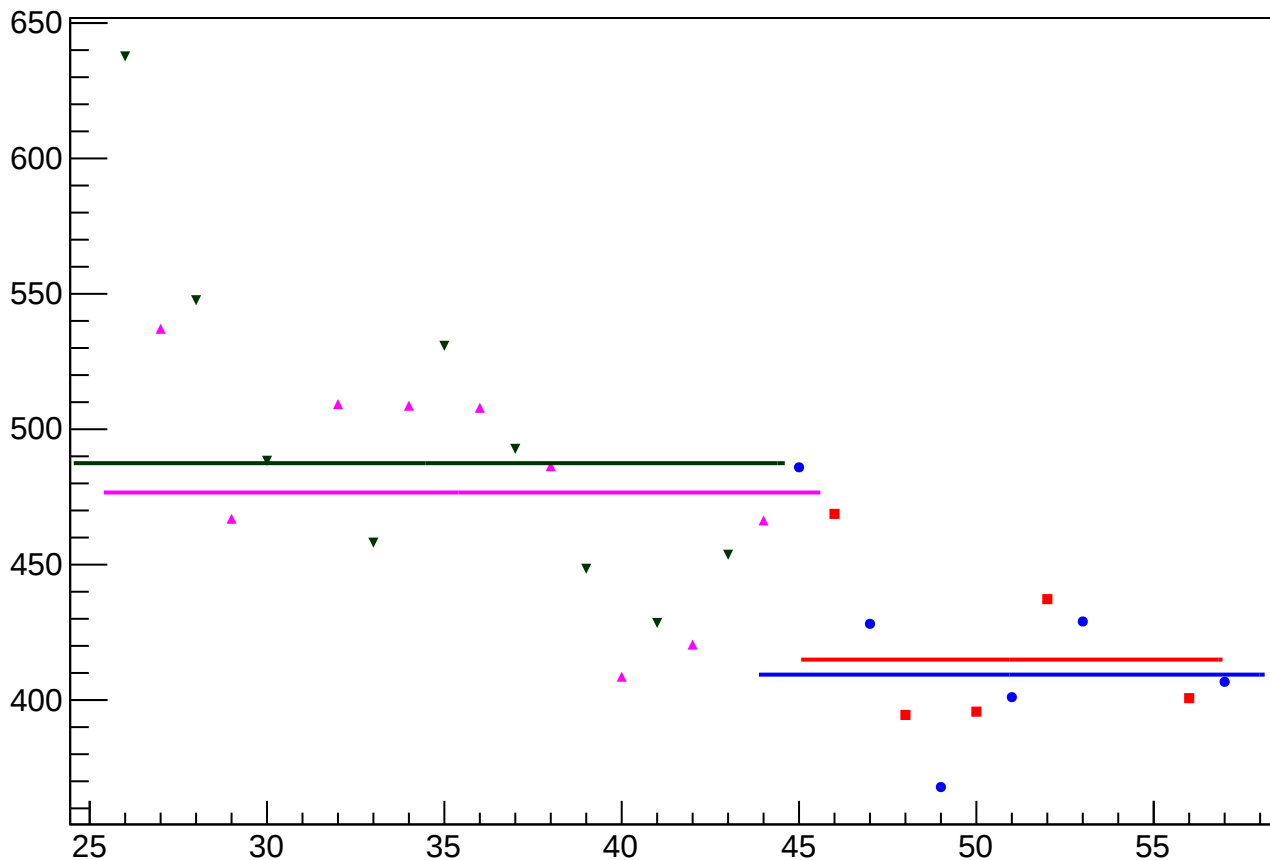
Right Out: -76.219+/-268.038 χ^2/NDF : 10.0/4

Left In: -375.323+/-201.839 χ^2/NDF : 9.1/8

-1.535+/-161.885 χ^2/NDF : 9.5/14

-267.091+/-161.237 χ^2/NDF : 19.9/13

asym_ds_dd_rms vs slug



Right In: 409.388 ± 0.166 χ^2/NDF : 58157.6/5

Left Out: 487.474 ± 0.158 χ^2/NDF : 117424.5/8

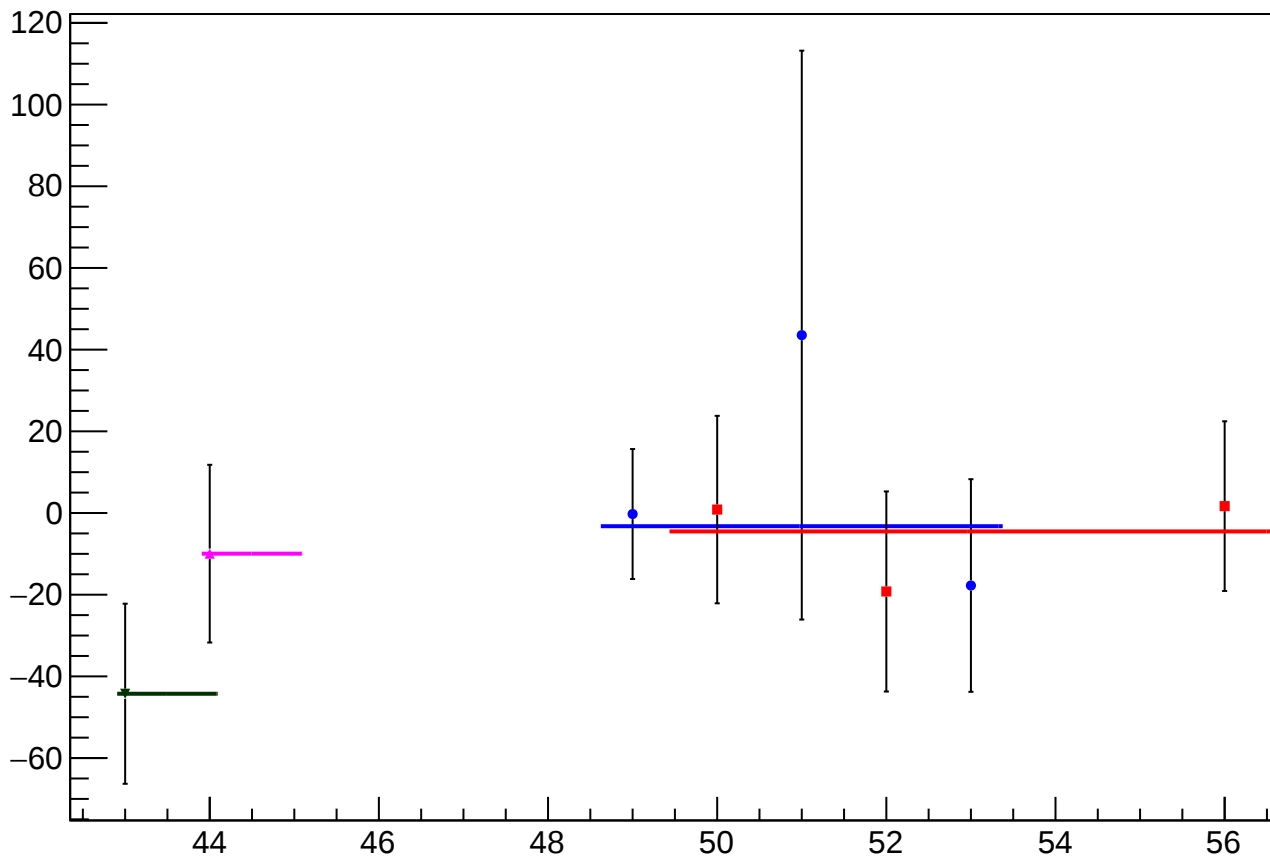
Right Out: 414.930 ± 0.190 χ^2/NDF : 20056.5/4

Left In: 476.643 ± 0.143 χ^2/NDF : 84134.8/8

450.458 ± 0.114 χ^2/NDF : 291598.9/14

454.312 ± 0.114 χ^2/NDF : 171848.9/13

bcm_an_us_ds_dd_mean vs slug



Right In: -3.232 $\pm$ 13.326 χ^2 /NDF: 0.8/2

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

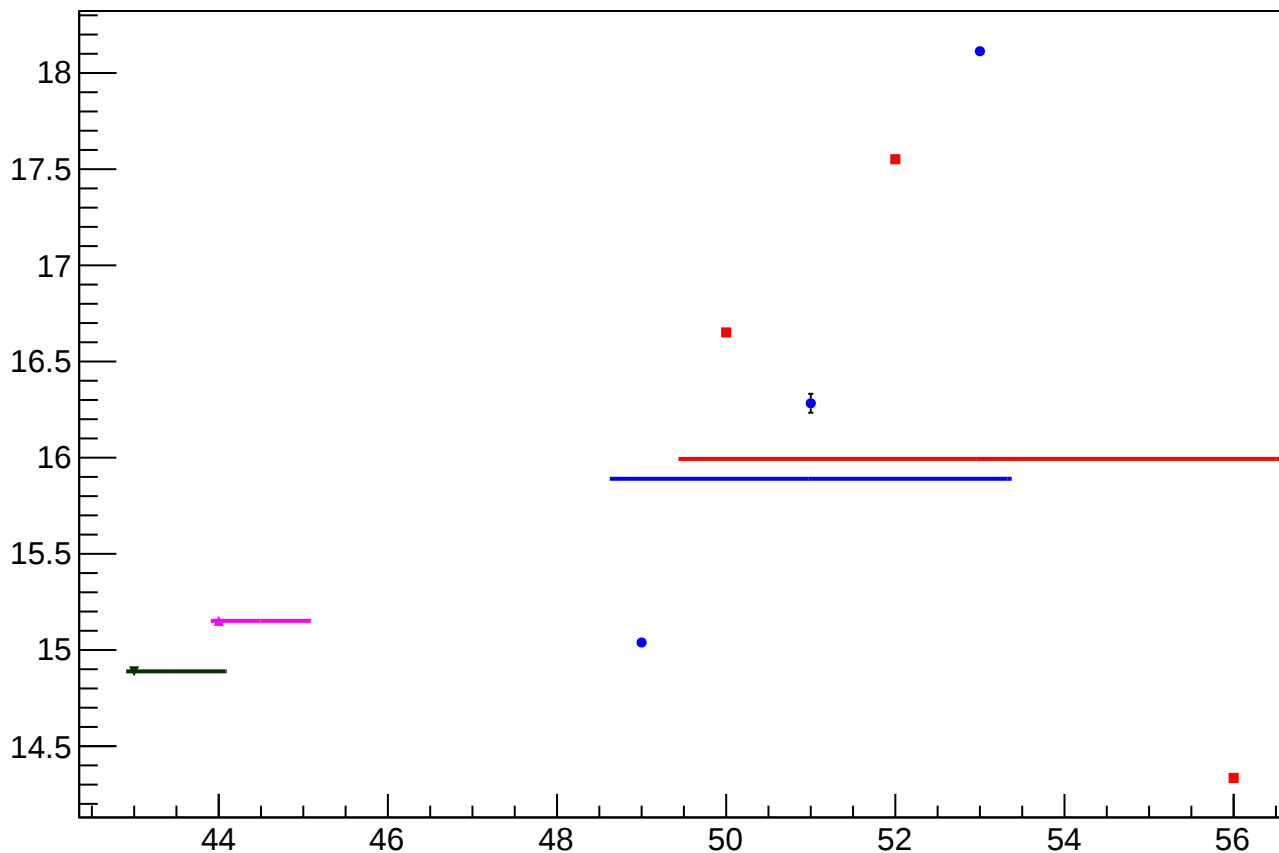
Right Out: -4.508 $\pm$ 13.037 χ^2 /NDF: 0.5/2

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

-14.209 $\pm$ 11.405 χ^2 /NDF: 3.3/3

-5.946 $\pm$ 11.183 χ^2 /NDF: 0.5/3

bcm_an_us_ds_dd_rms vs slug



Right In: 15.890 $\pm$ 0.009 χ^2 /NDF: 20373.9/2

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

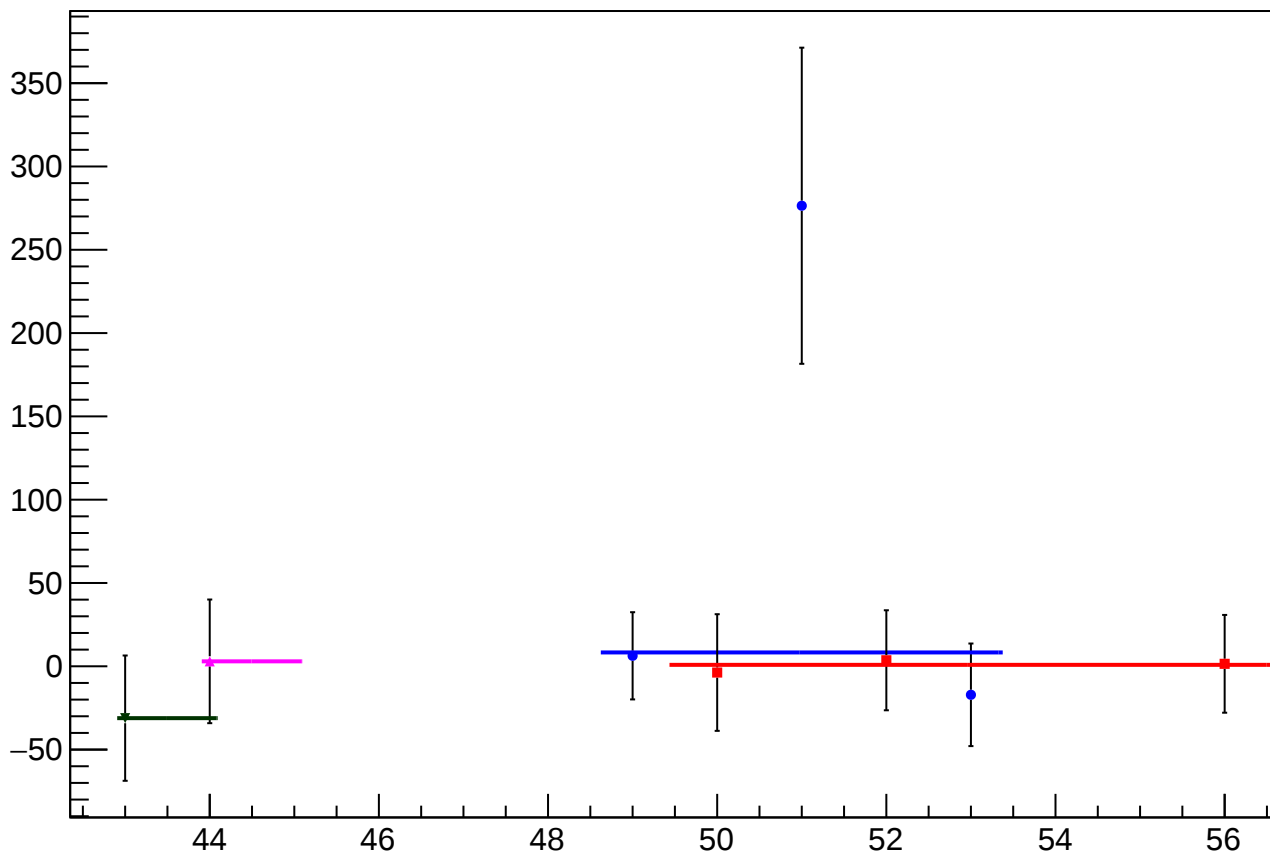
Right Out: 15.994 $\pm$ 0.009 χ^2 /NDF: 22493.4/2

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

15.622 $\pm$ 0.008 χ^2 /NDF: 23395.4/3

15.771 $\pm$ 0.008 χ^2 /NDF: 24697.0/3

bcm_dg_us_ds_dd_mean vs slug



Right In: 8.310 $\pm$ 19.515 χ^2/NDF : 8.7/2

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

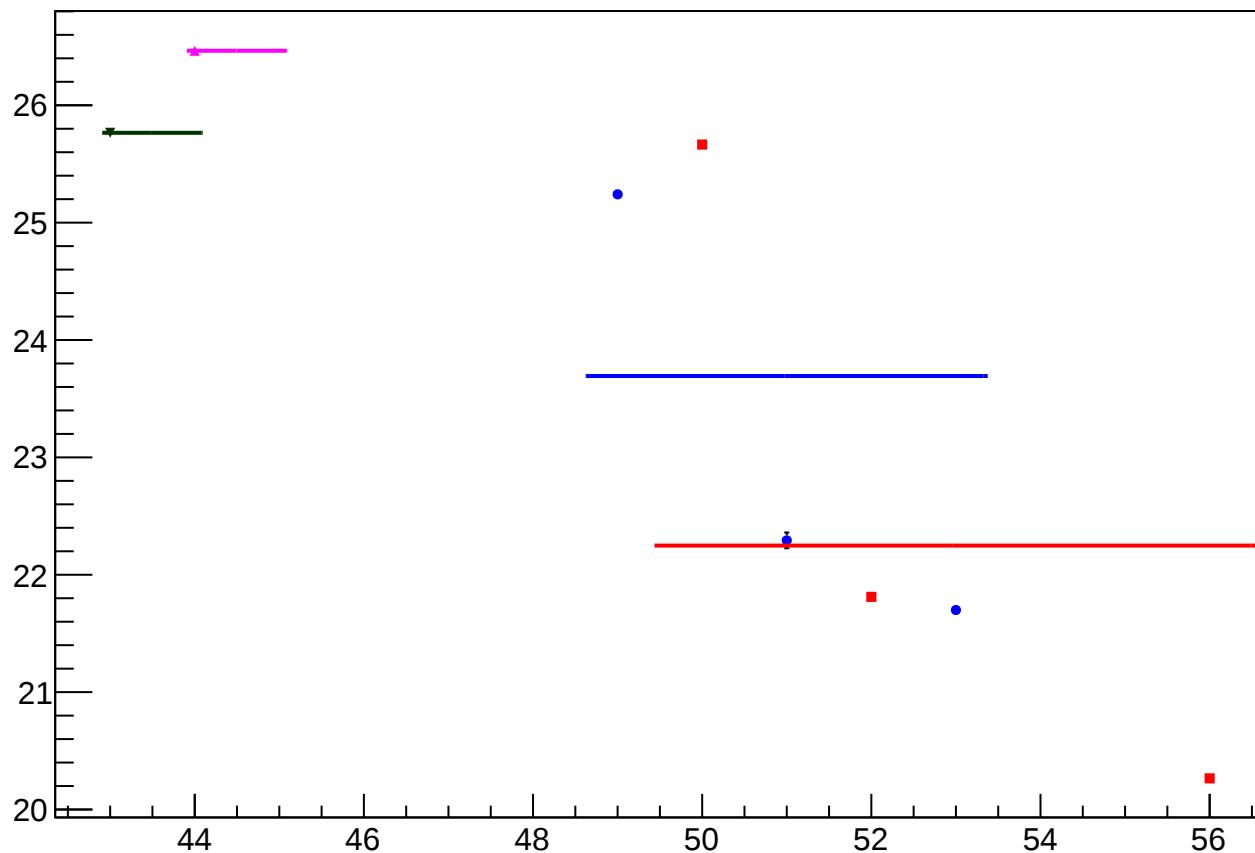
Right Out: 0.864 $\pm$ 17.999 χ^2/NDF : 0.0/2

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

-0.059 $\pm$ 17.321 χ^2/NDF : 9.5/3

1.264 $\pm$ 16.194 χ^2/NDF : 0.0/3

bcm_dg_us_ds_dd_rms vs slug



Right In: 23.693 $\pm$ 0.014 χ^2 /NDF: 15820.2/2

Left Out: 25.766 $\pm$ 0.027 χ^2 /NDF: 0.0/0

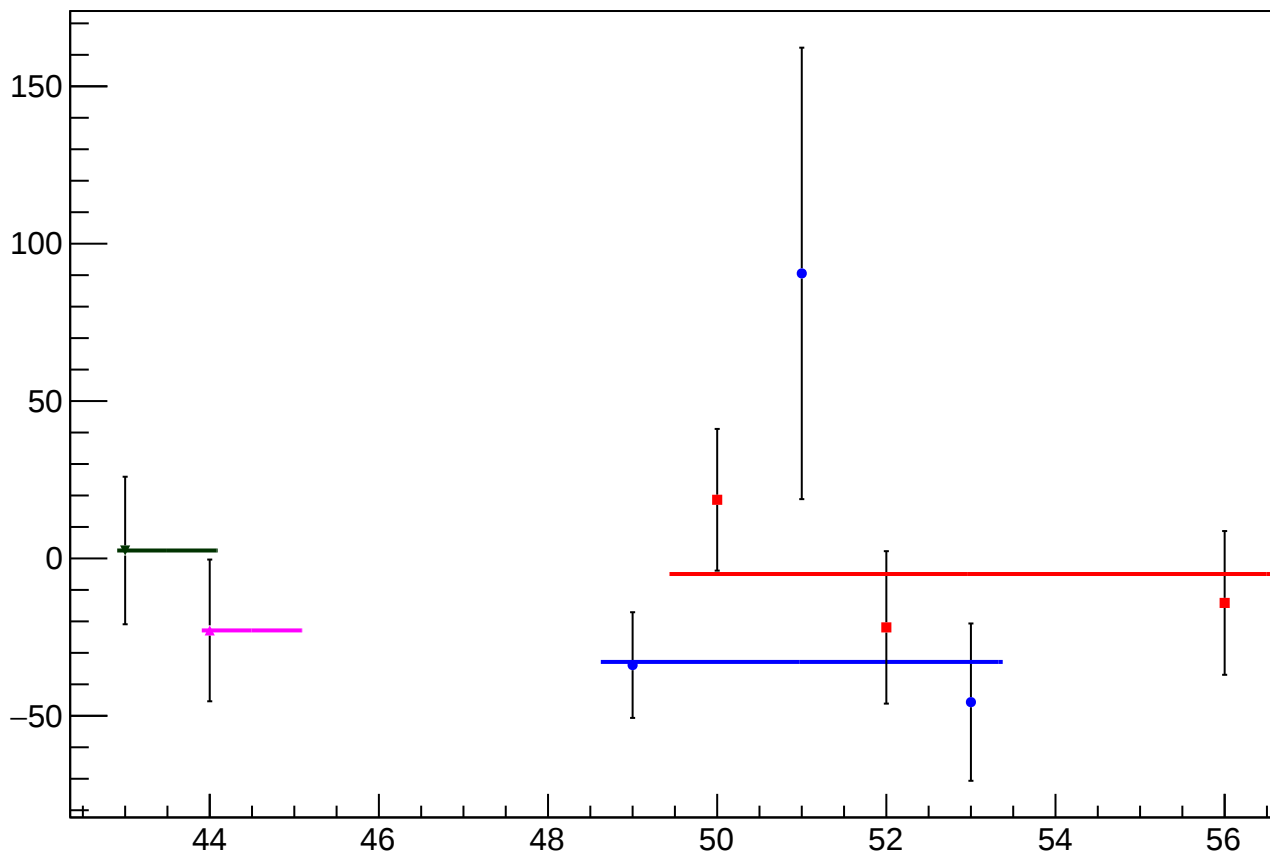
Right Out: 22.249 $\pm$ 0.013 χ^2 /NDF: 28609.9/2

Left In: 26.465 $\pm$ 0.026 χ^2 /NDF: 0.0/0

24.133 $\pm$ 0.012 χ^2 /NDF: 20605.7/3

23.051 $\pm$ 0.011 χ^2 /NDF: 49506.3/3

bcm_dg_ds_ds_dd_mean vs slug



Right In: -32.880 $\pm$ 13.681 χ^2/NDF : 3.2/2

Left Out: 2.521 $\pm$ 23.436 χ^2/NDF : 0.0/0

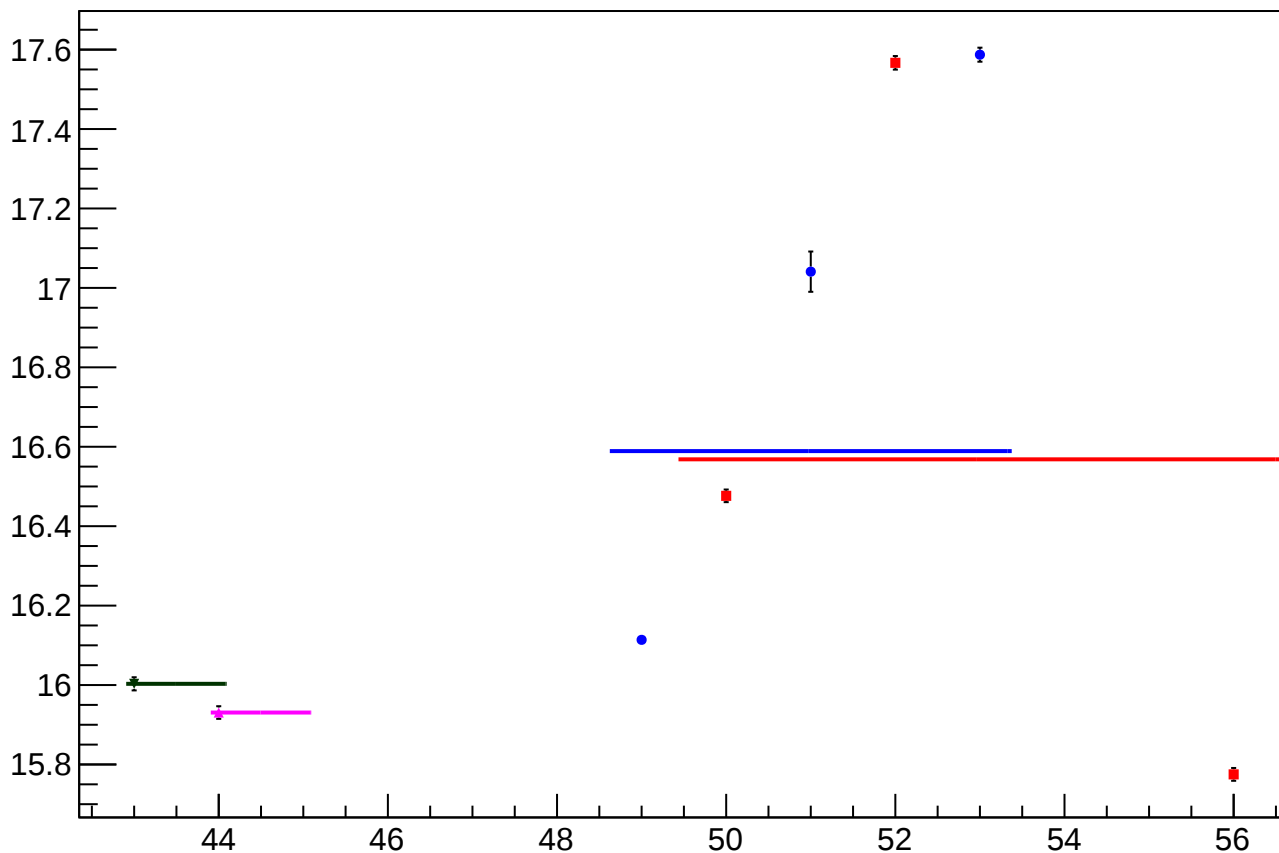
Right Out: -4.948 $\pm$ 13.368 χ^2/NDF : 1.7/2

Left In: -22.872 $\pm$ 22.514 χ^2/NDF : 0.0/0

-23.883 $\pm$ 11.815 χ^2/NDF : 4.9/3

-9.620 $\pm$ 11.494 χ^2/NDF : 2.2/3

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.589 ± 0.010 χ^2/NDF : 4871.9/2

Left Out: 16.003 ± 0.017 χ^2/NDF : 0.0/0

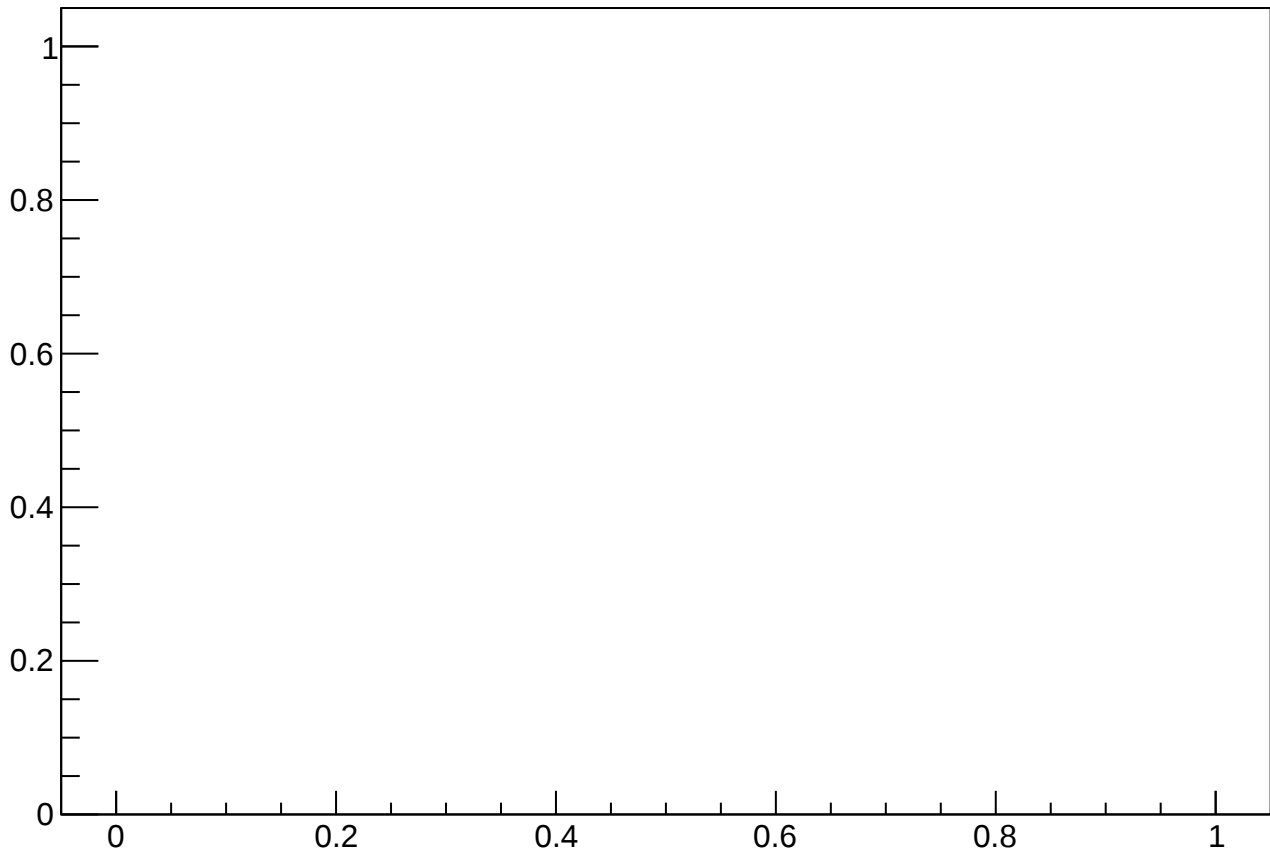
Right Out: 16.568 ± 0.009 χ^2/NDF : 5846.0/2

Left In: 15.931 ± 0.016 χ^2/NDF : 0.0/0

16.440 ± 0.008 χ^2/NDF : 5804.5/3

16.402 ± 0.008 χ^2/NDF : 7031.8/3

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

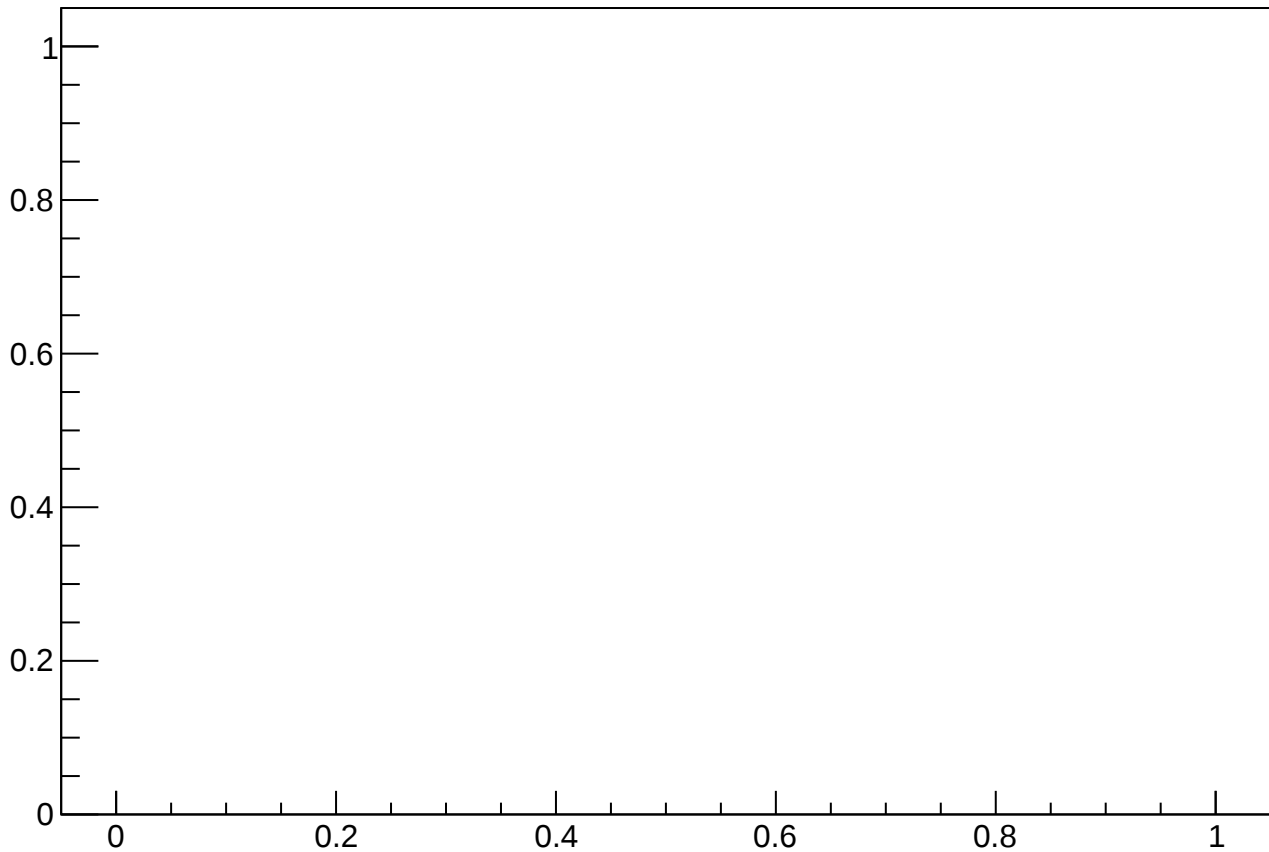
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

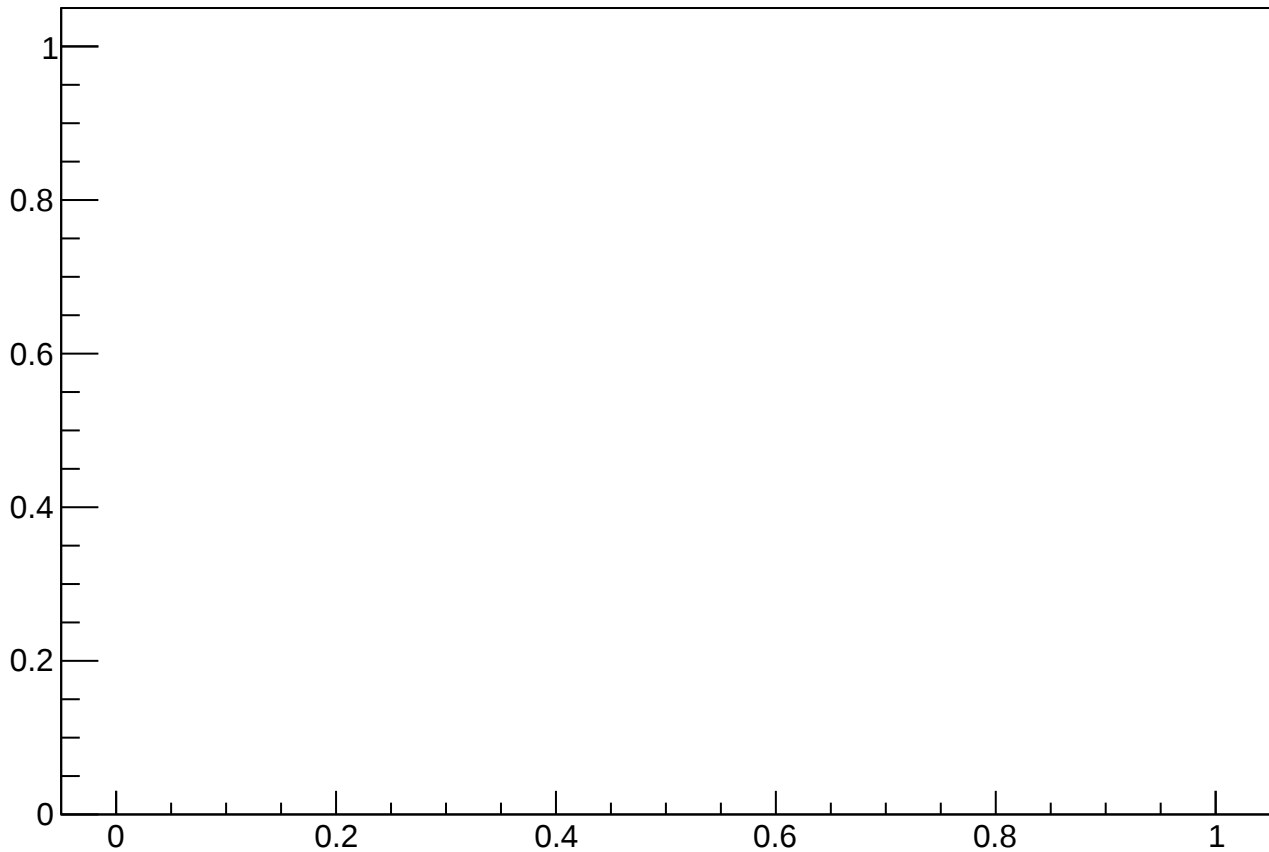
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

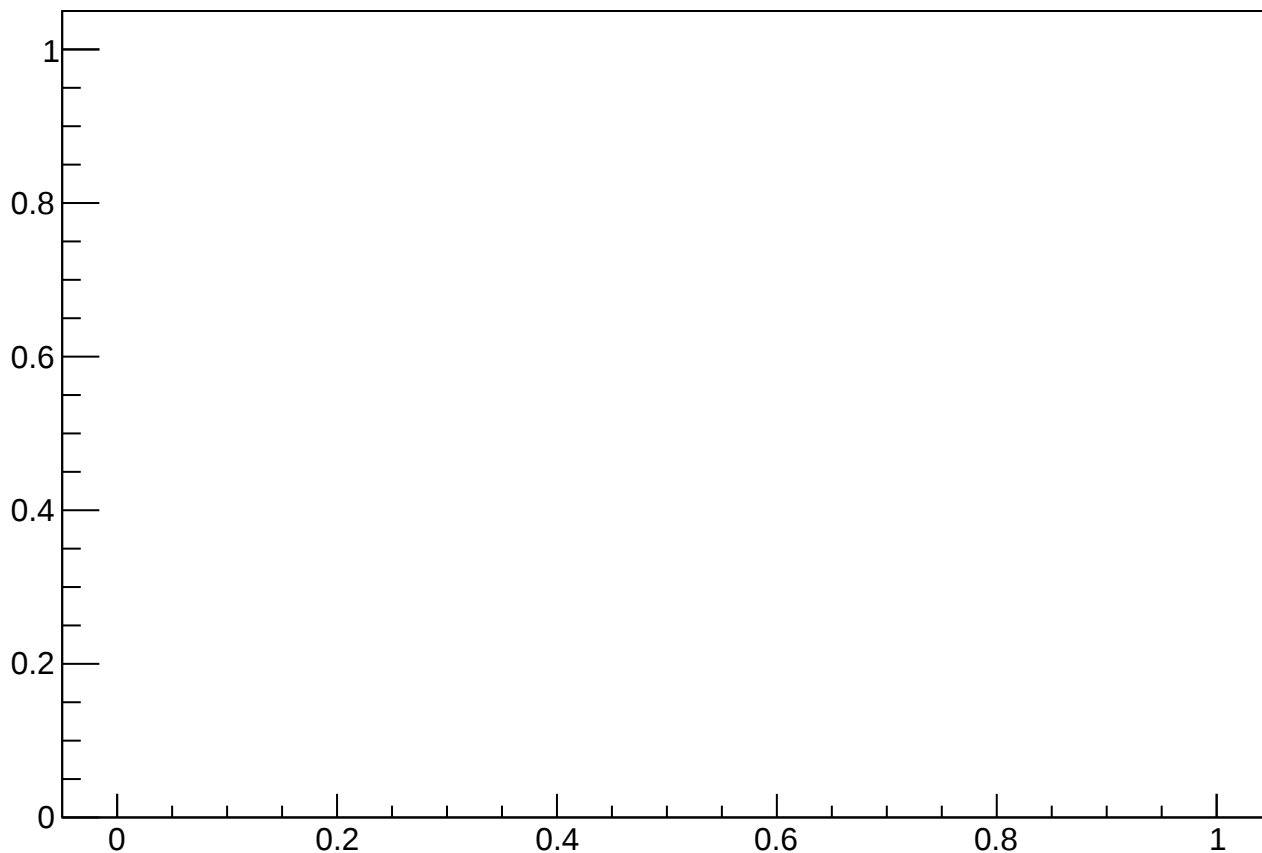
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

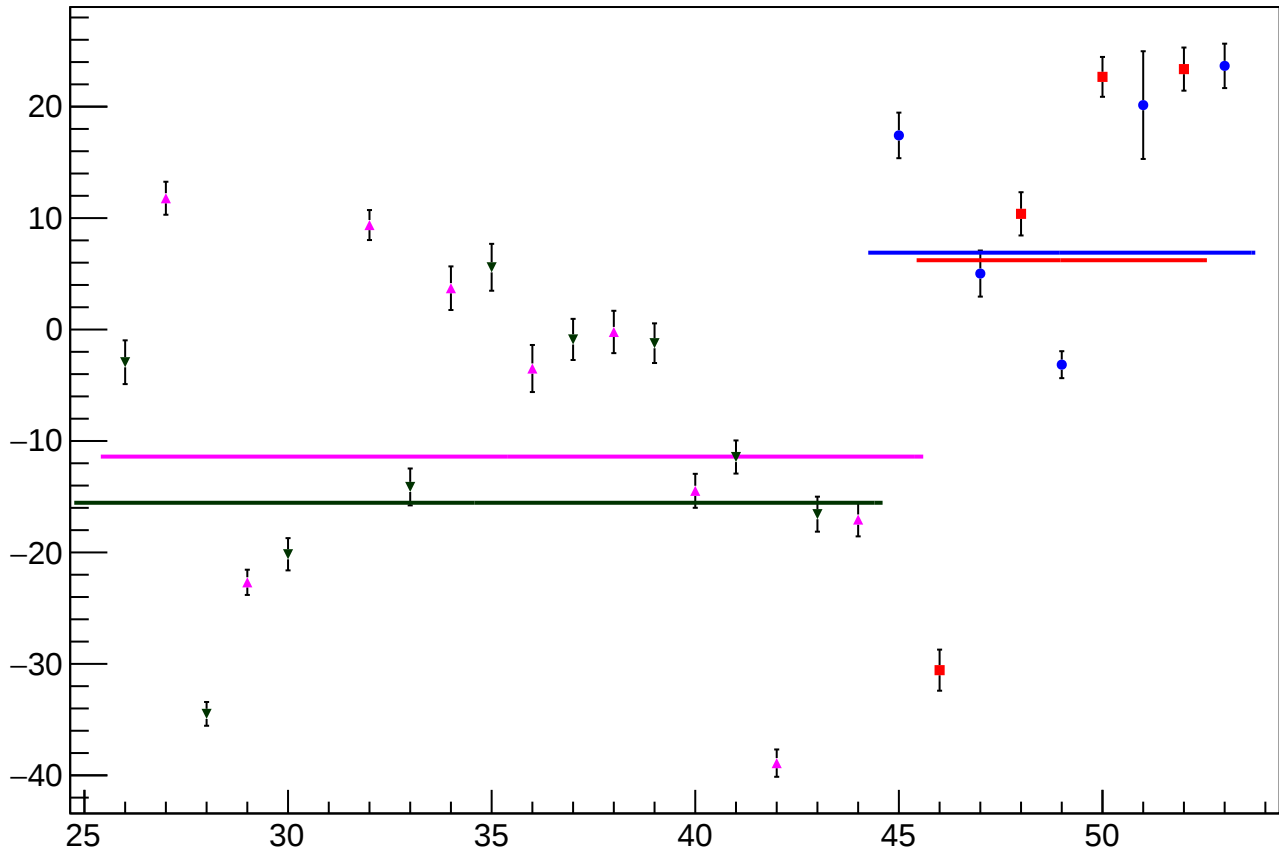
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 6.897 ± 0.830 $\chi^2/\text{NDF}: 174.6/4$

Left Out: -15.543 ± 0.522 $\chi^2/\text{NDF}: 604.1/8$

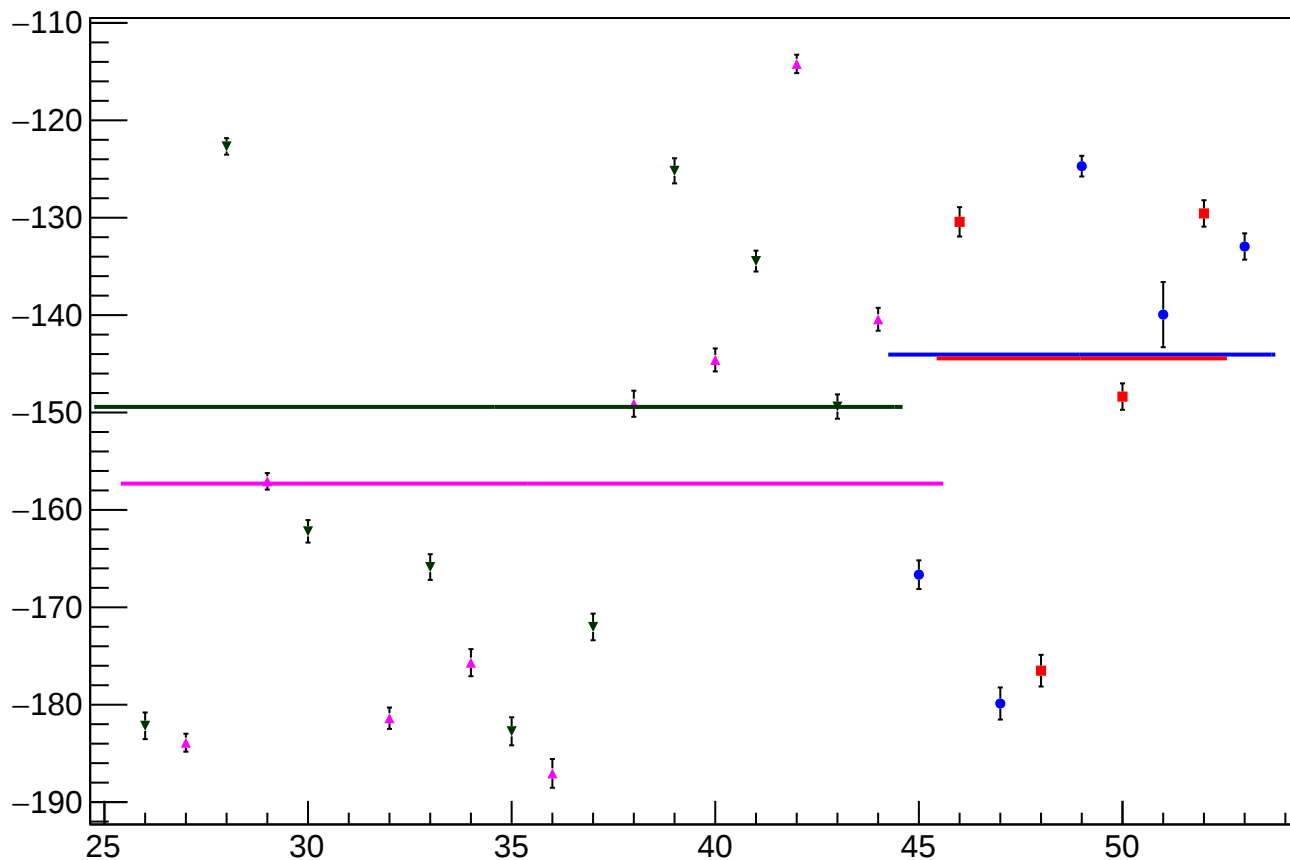
Right Out: 6.219 ± 0.937 $\chi^2/\text{NDF}: 565.9/3$

Left In: -11.401 ± 0.495 $\chi^2/\text{NDF}: 1211.6/8$

-9.188 ± 0.442 $\chi^2/\text{NDF}: 1302.6/13$

-7.556 ± 0.438 $\chi^2/\text{NDF}: 2054.0/12$

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -144.051 ± 0.652 χ^2/NDF : 1109.1/4

Left Out: -149.424 ± 0.396 χ^2/NDF : 3200.7/8

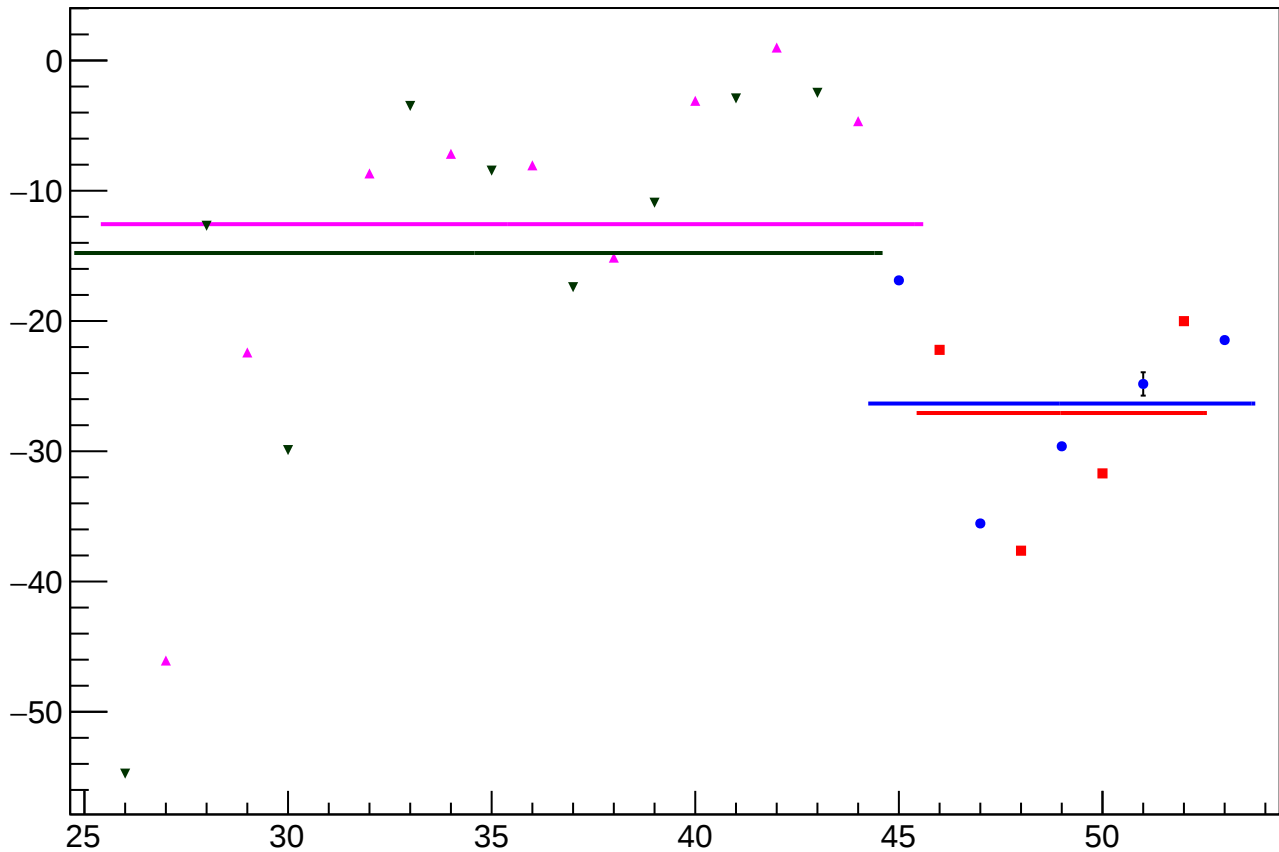
Right Out: -144.442 ± 0.725 χ^2/NDF : 603.9/3

Left In: -157.298 ± 0.365 χ^2/NDF : 4330.4/8

-147.975 ± 0.338 χ^2/NDF : 4359.4/13

-154.691 ± 0.326 χ^2/NDF : 5185.2/12

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.336 $\pm$ 0.151 χ^2 /NDF: 1927.2/4

Left Out: -14.780 $\pm$ 0.088 χ^2 /NDF: 26305.9/8

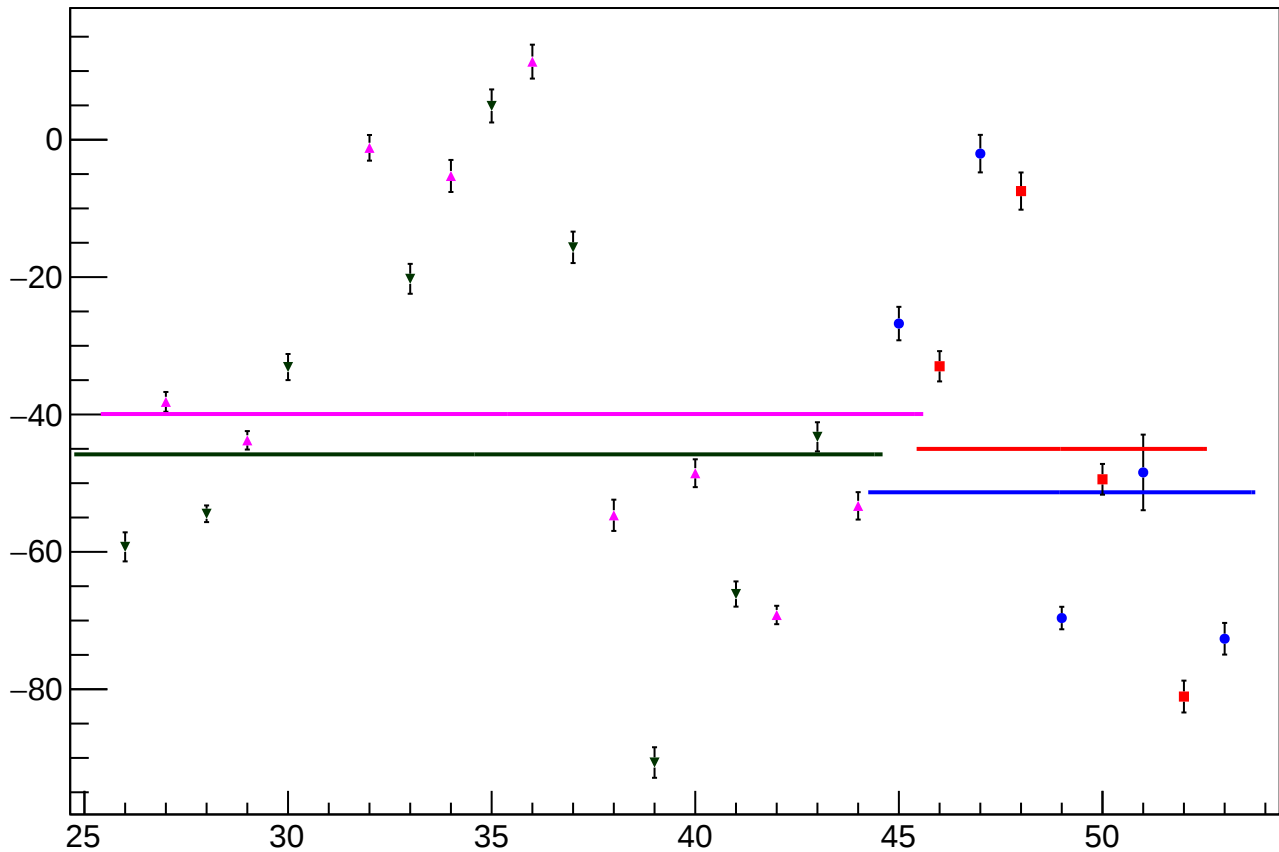
Right Out: -27.063 $\pm$ 0.162 χ^2 /NDF: 1827.7/3

Left In: -12.566 $\pm$ 0.085 χ^2 /NDF: 25284.3/8

-17.740 $\pm$ 0.076 χ^2 /NDF: 32613.6/13

-15.714 $\pm$ 0.075 χ^2 /NDF: 33399.3/12

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -51.326 $\pm$ 1.056 χ^2 /NDF: 638.3/4

Left Out: -45.805 $\pm$ 0.636 χ^2 /NDF:1422.6/8

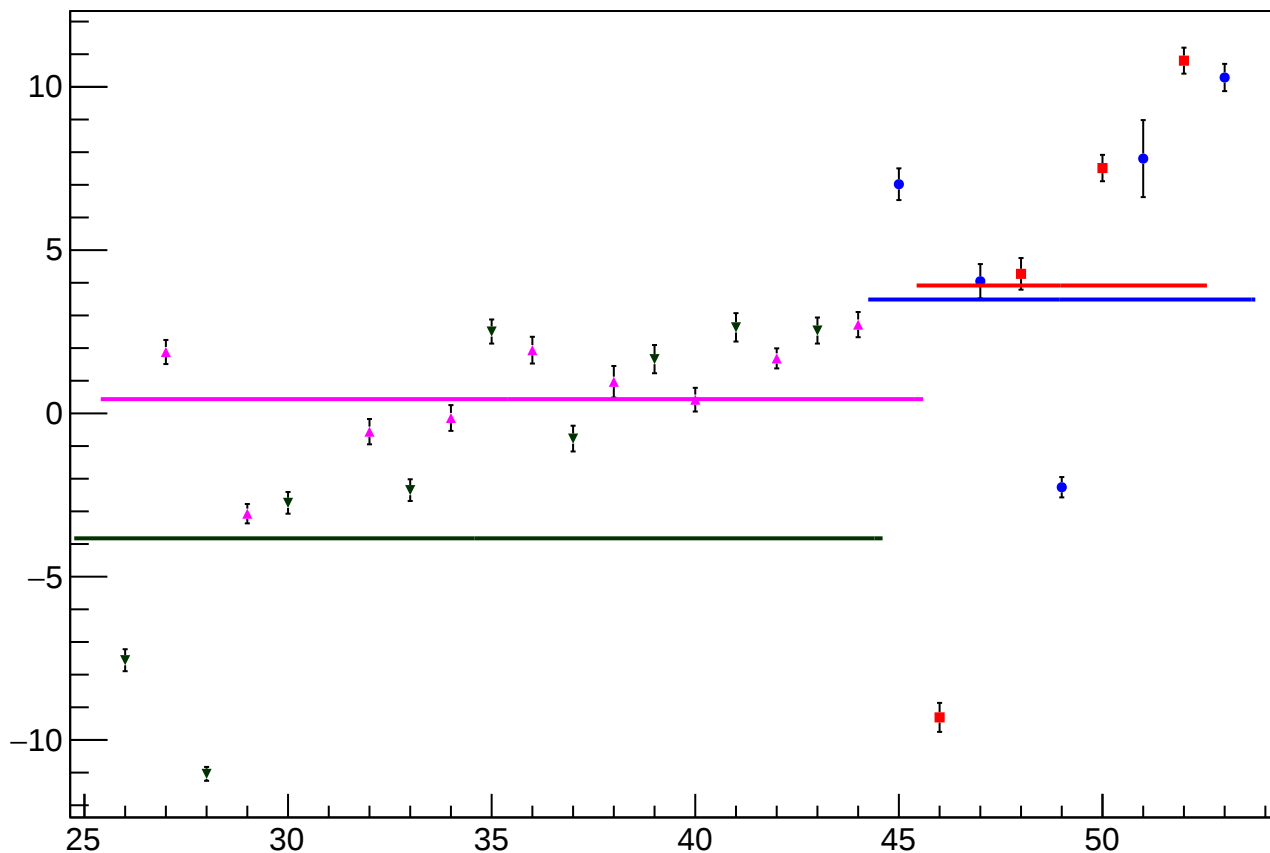
Right Out: -45.010 $\pm$ 1.172 χ^2 /NDF: 467.5/3

Left In: -39.933 $\pm$ 0.586 χ^2 /NDF:1674.5/8

-47.274 $\pm$ 0.545 χ^2 /NDF: 2081.0/13

-40.947 $\pm$ 0.524 χ^2 /NDF: 2157.0/12

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 3.488 ± 0.202 χ^2/NDF : 672.6/4

Left Out: -3.826 ± 0.112 χ^2/NDF : 2297.6/8

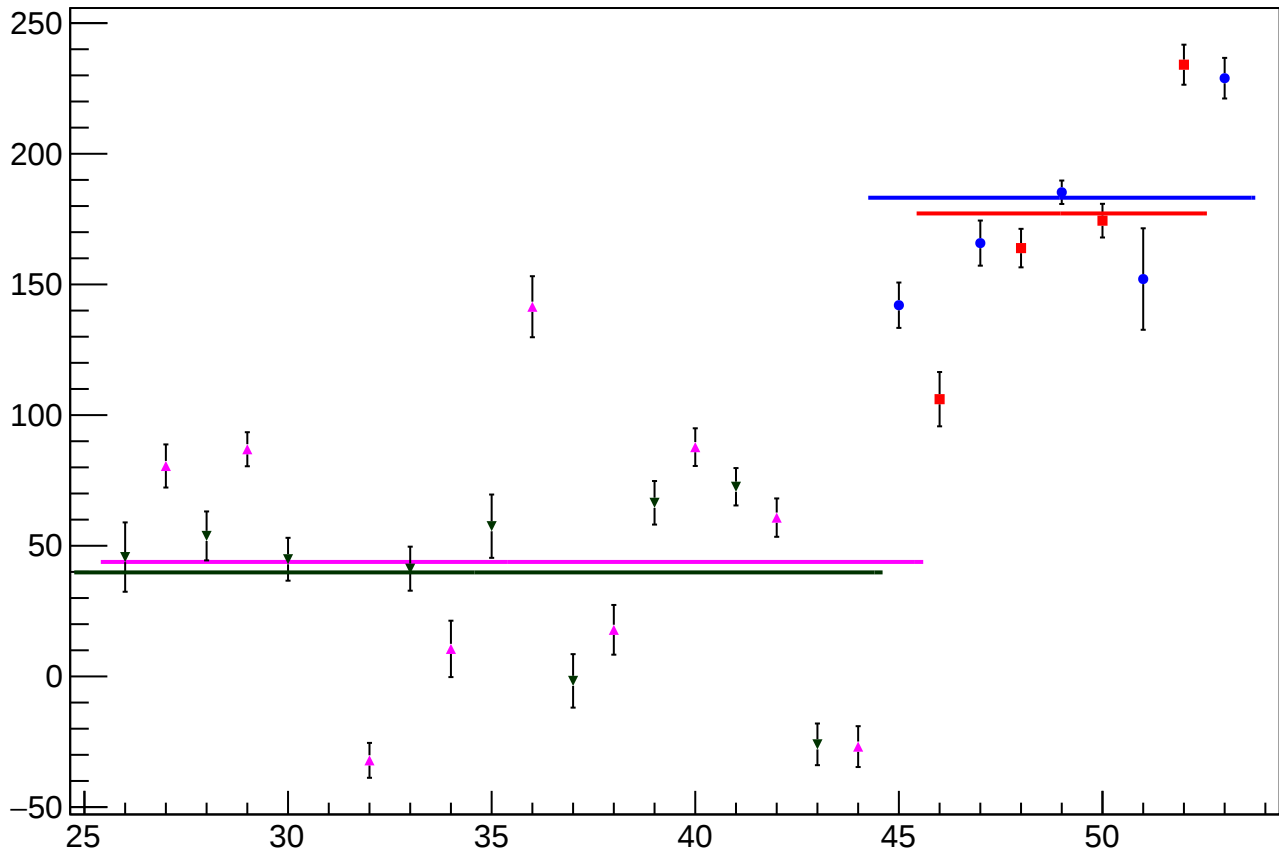
Right Out: 3.917 ± 0.214 χ^2/NDF : 1266.5/3

Left In: 0.437 ± 0.122 χ^2/NDF : 230.2/8

-2.102 ± 0.098 χ^2/NDF : 3976.3/13

1.291 ± 0.106 χ^2/NDF : 1695.7/12

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 183.182 $\pm$ 3.233 χ^2 /NDF: 64.0/4

Left Out: 39.807 $\pm$ 2.987 χ^2 /NDF:120.7/8

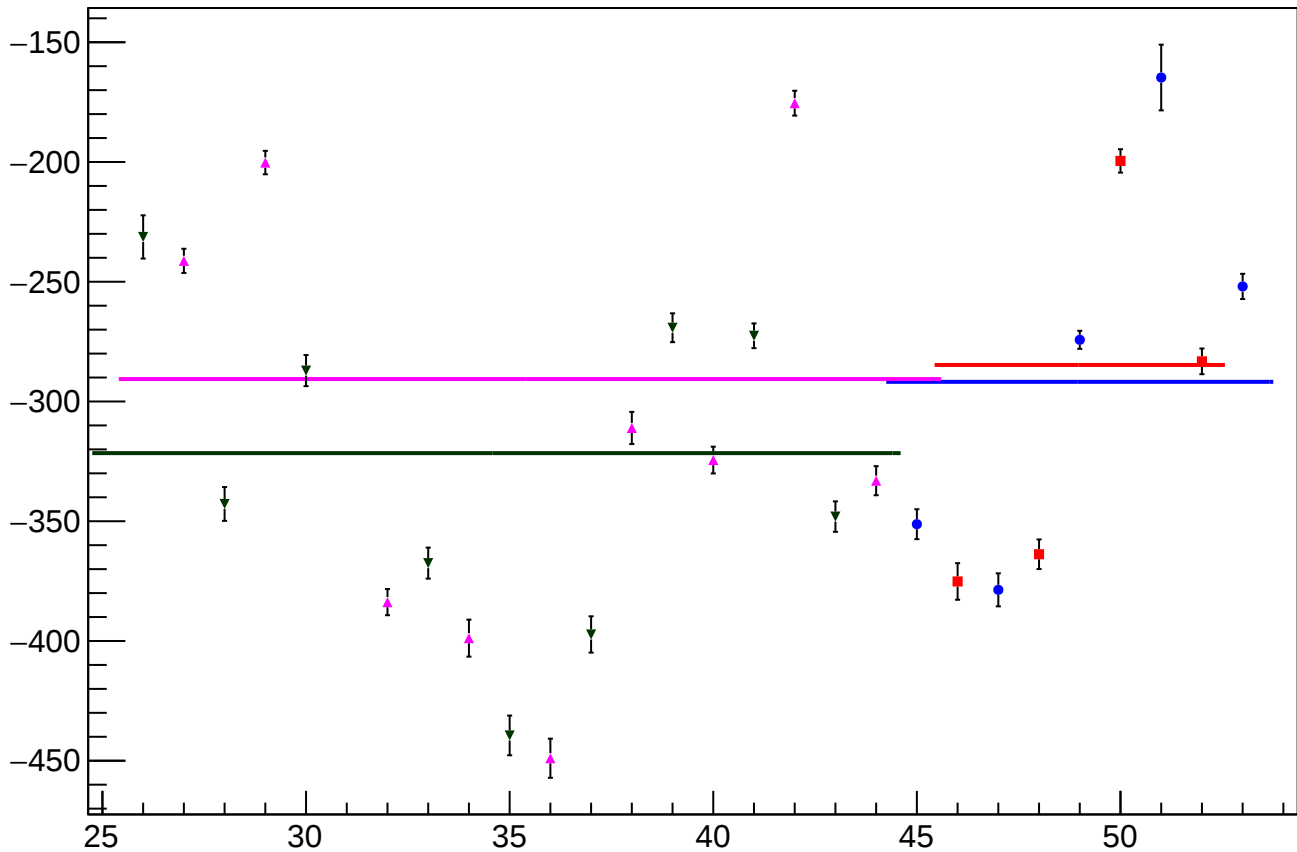
Right Out: 177.164 $\pm$ 3.812 χ^2 /NDF: 105.4/3

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

105.832 $\pm$ 2.194 χ^2 /NDF: 1245.5/13

87.376 $\pm$ 2.179 χ^2 /NDF: 1333.1/12

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -291.789 ± 2.510 χ^2/NDF : 414.3/4

Left Out: -321.559 ± 2.226 χ^2/NDF : 672.6/8

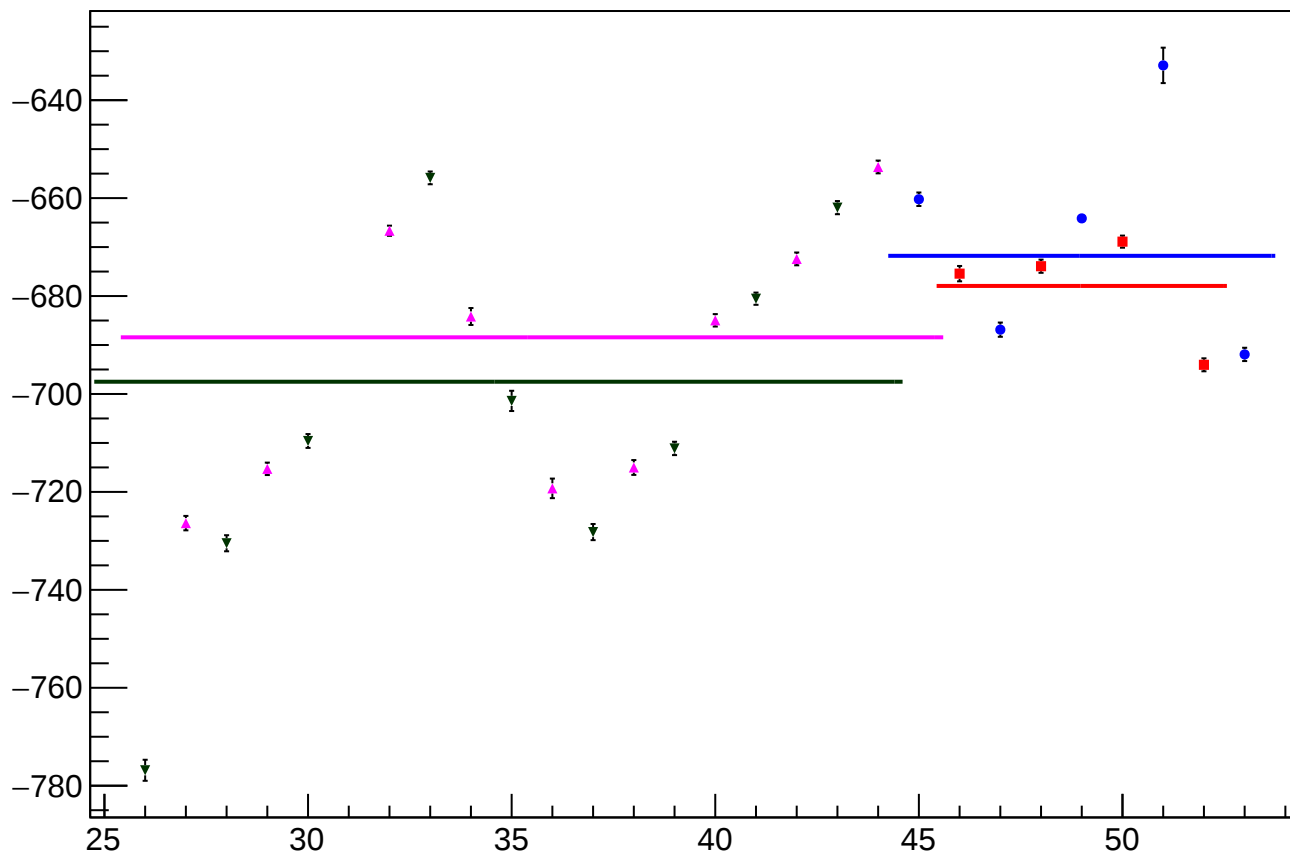
Right Out: -284.750 ± 2.888 χ^2/NDF : 607.3/3

Left In: -290.636 ± 1.943 χ^2/NDF : 1886.8/8

-308.448 ± 1.665 χ^2/NDF : 1165.6/13

-288.801 ± 1.612 χ^2/NDF : 2497.0/12

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -671.787+/-0.598 χ^2 /NDF: 582.0/4

Left Out: -697.498+/-0.500 χ^2 /NDF: 4190.1/8

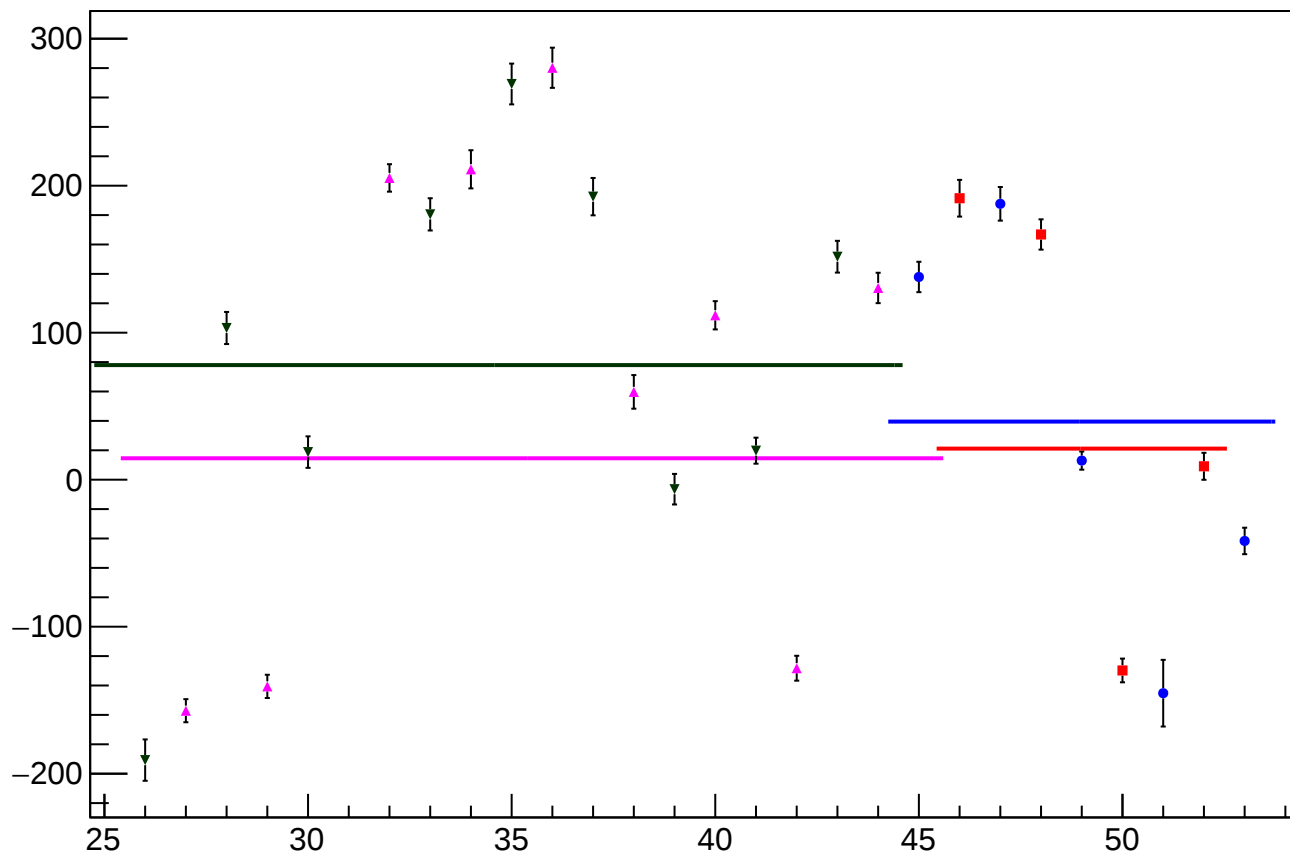
Right Out: -677.935+/-0.677 χ^2 /NDF: 212.5/3

Left In: -688.429+/-0.456 χ^2 /NDF: 2965.5/8

-686.932+/-0.383 χ^2 /NDF: 5860.5/13

-685.158+/-0.378 χ^2 /NDF: 3343.2/12

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 39.526 ± 4.173 χ^2/NDF : 424.6/4

Left Out: 77.958 ± 3.716 χ^2/NDF : 915.0/8

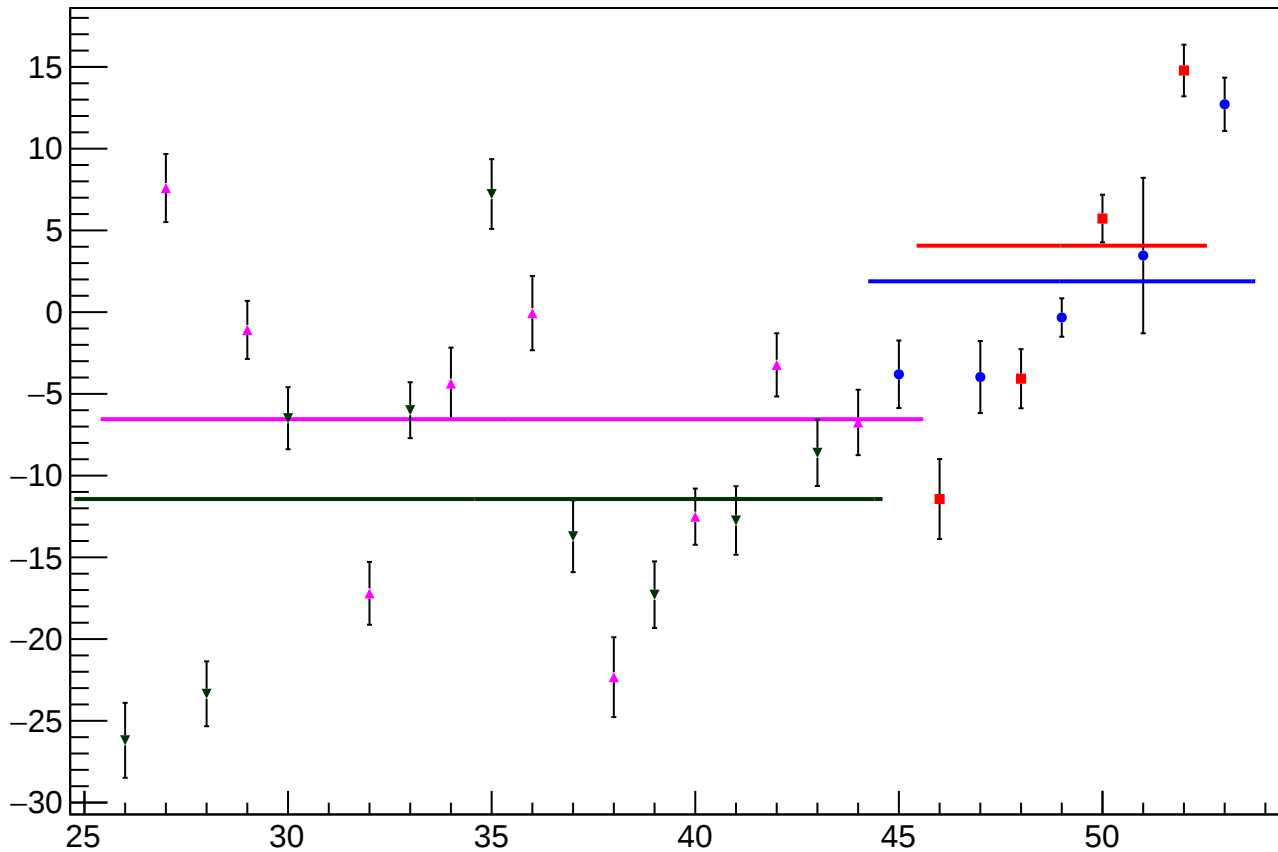
Right Out: 21.144 ± 4.817 χ^2/NDF : 737.6/3

Left In: 14.568 ± 3.215 χ^2/NDF : 2415.4/8

60.961 ± 2.775 χ^2/NDF : 1386.9/13

16.594 ± 2.674 χ^2/NDF : 3154.3/12

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 1.885 ± 0.794 χ^2/NDF : 62.4/4

Left Out: -11.434 ± 0.674 χ^2/NDF : 182.4/8

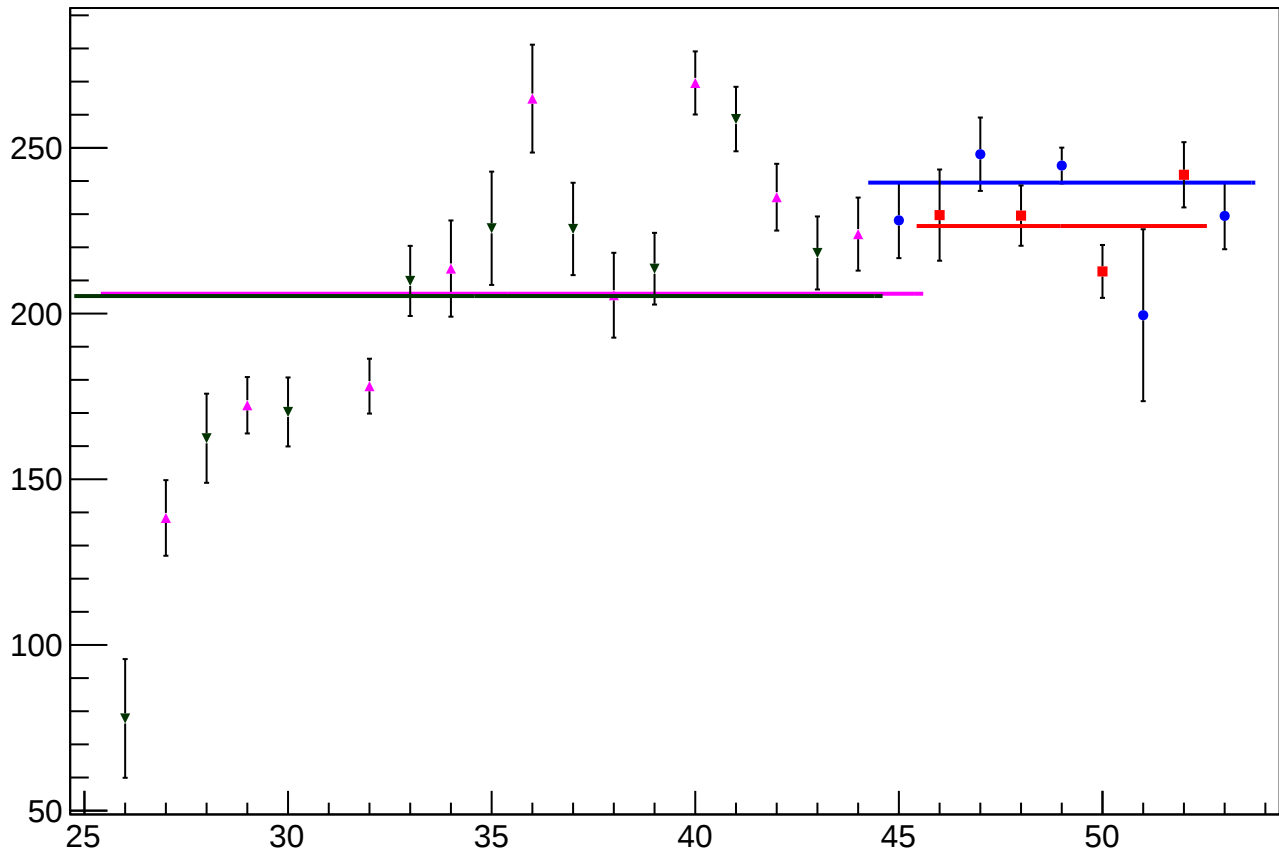
Right Out: 4.066 ± 0.862 χ^2/NDF : 107.7/3

Left In: -6.549 ± 0.668 χ^2/NDF : 152.2/8

-5.860 ± 0.514 χ^2/NDF : 408.2/13

-2.568 ± 0.528 χ^2/NDF : 354.6/12

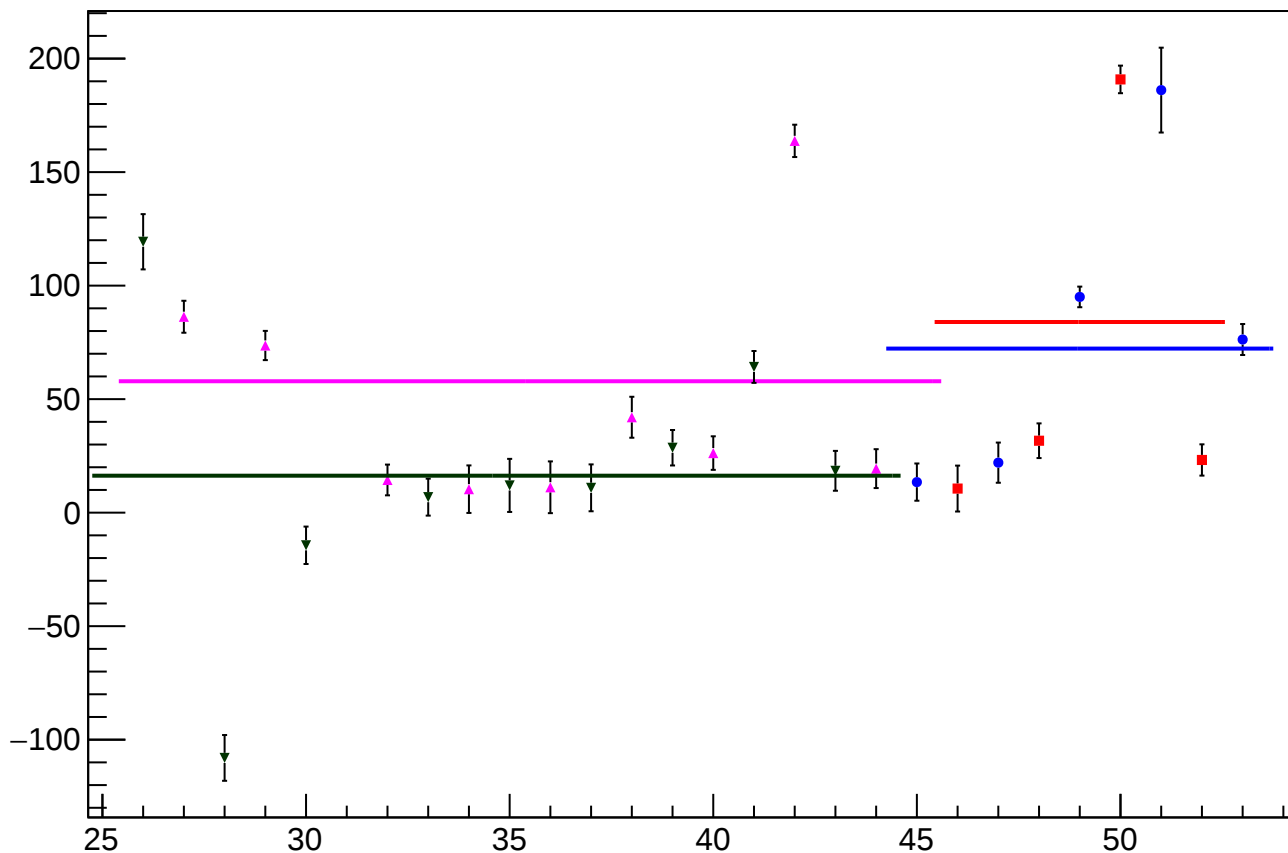
reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 239.517 ± 4.032 χ^2/NDF : 5.9/4
 Left Out: 205.287 ± 3.993 χ^2/NDF : 108.0/8
 Right Out: 226.418 ± 4.802 χ^2/NDF : 5.6/3
 Left In: 205.988 ± 3.539 χ^2/NDF : 131.2/8

222.233 ± 2.837 χ^2/NDF : 150.2/13
 213.180 ± 2.849 χ^2/NDF : 148.5/12

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 72.269+/-3.154 χ^2/NDF : 146.2/4

Left Out: 16.279+/-2.978 χ^2/NDF : 288.5/8

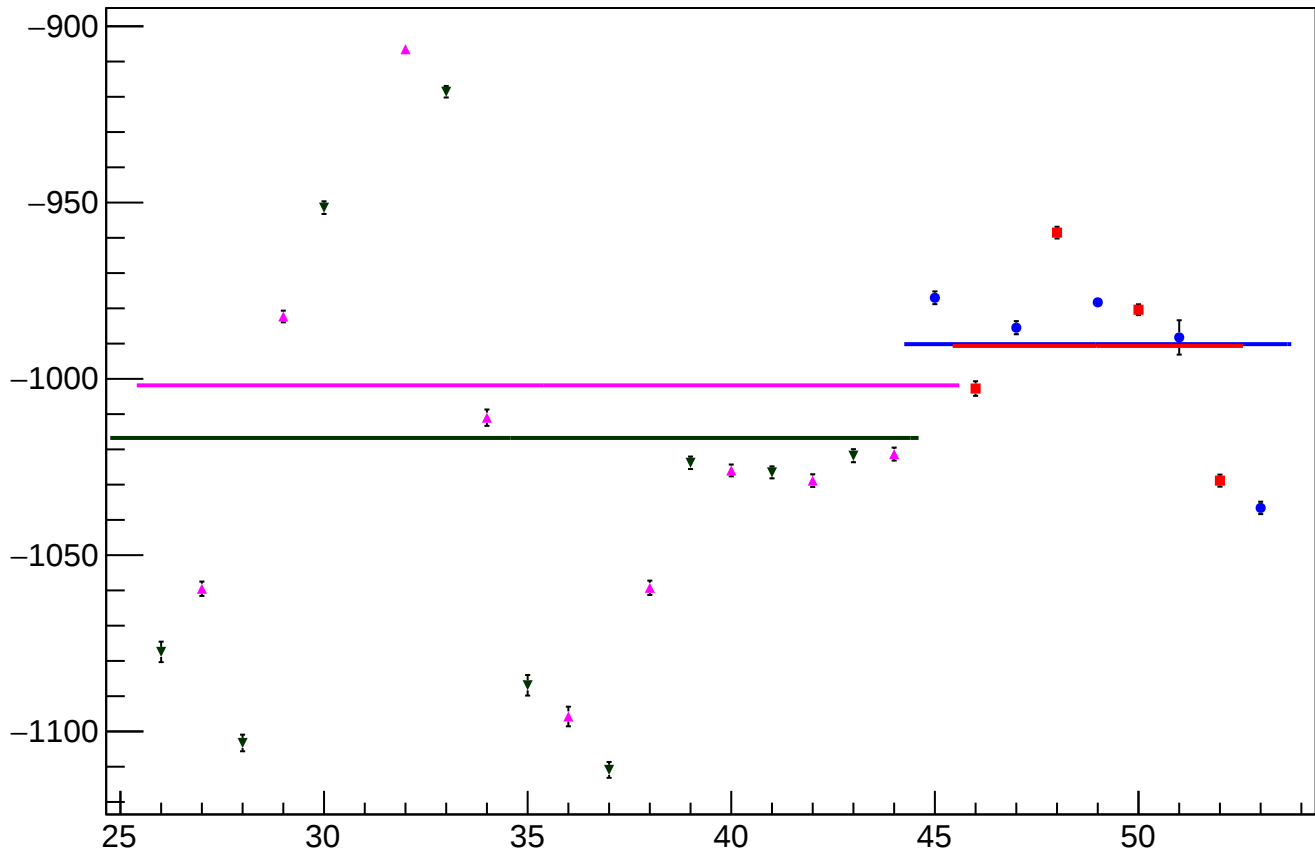
Right Out: 83.979+/-3.649 χ^2/NDF : 486.7/3

Left In: 57.880+/-2.609 χ^2/NDF : 363.5/8

42.661+/-2.165 χ^2/NDF : 601.3/13

66.709+/-2.122 χ^2/NDF : 884.1/12

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -990.154 ± 0.753 χ^2/NDF : 870.1/4

Left Out: -1016.757 ± 0.666 χ^2/NDF : 9085.0/8

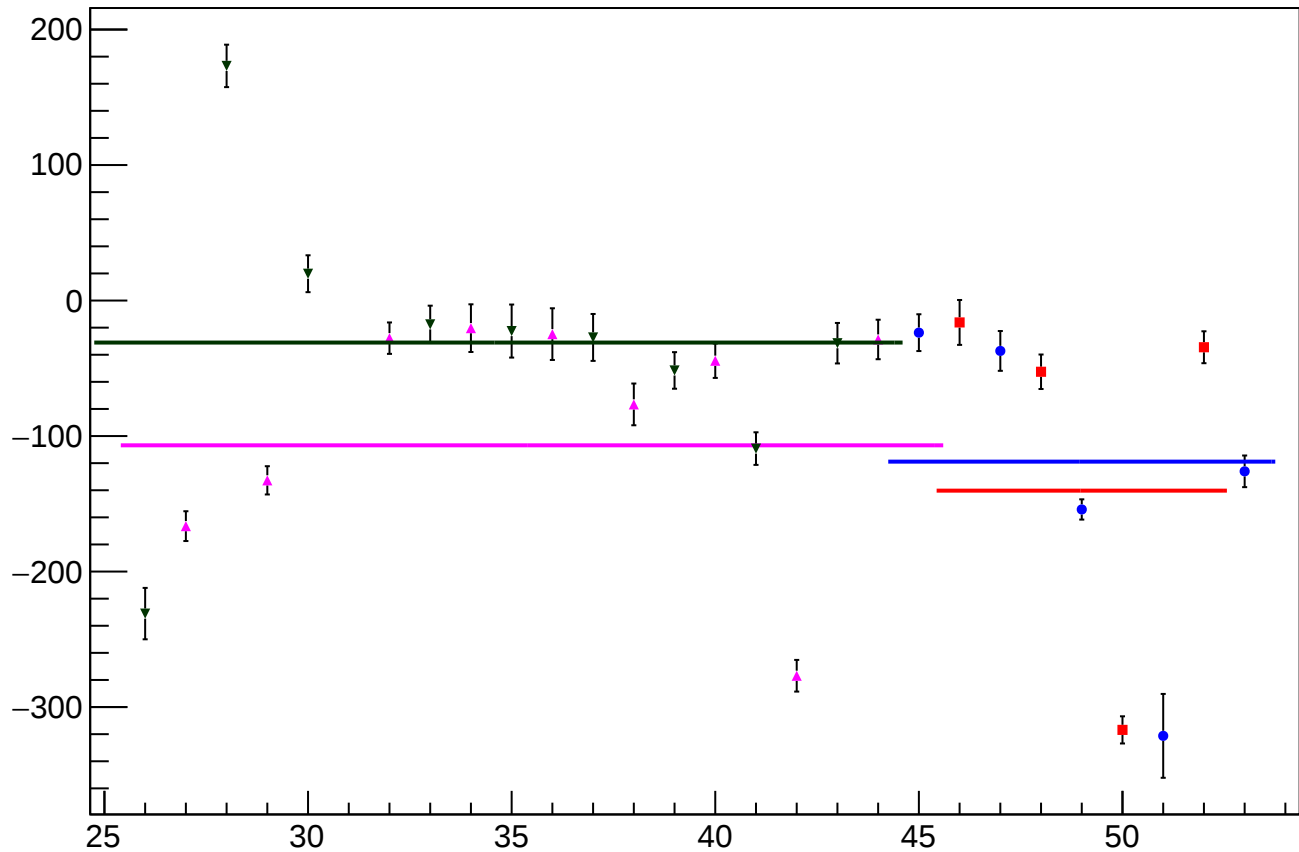
Right Out: -990.662 ± 0.856 χ^2/NDF : 953.9/3

Left In: -1001.844 ± 0.607 χ^2/NDF : 8875.1/8

-1005.068 ± 0.499 χ^2/NDF : 10655.7/13

-998.109 ± 0.495 χ^2/NDF : 9942.5/12

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -118.878 ± 5.246 χ^2/NDF : 145.5/4

Left Out: -31.002 ± 4.978 χ^2/NDF : 340.9/8

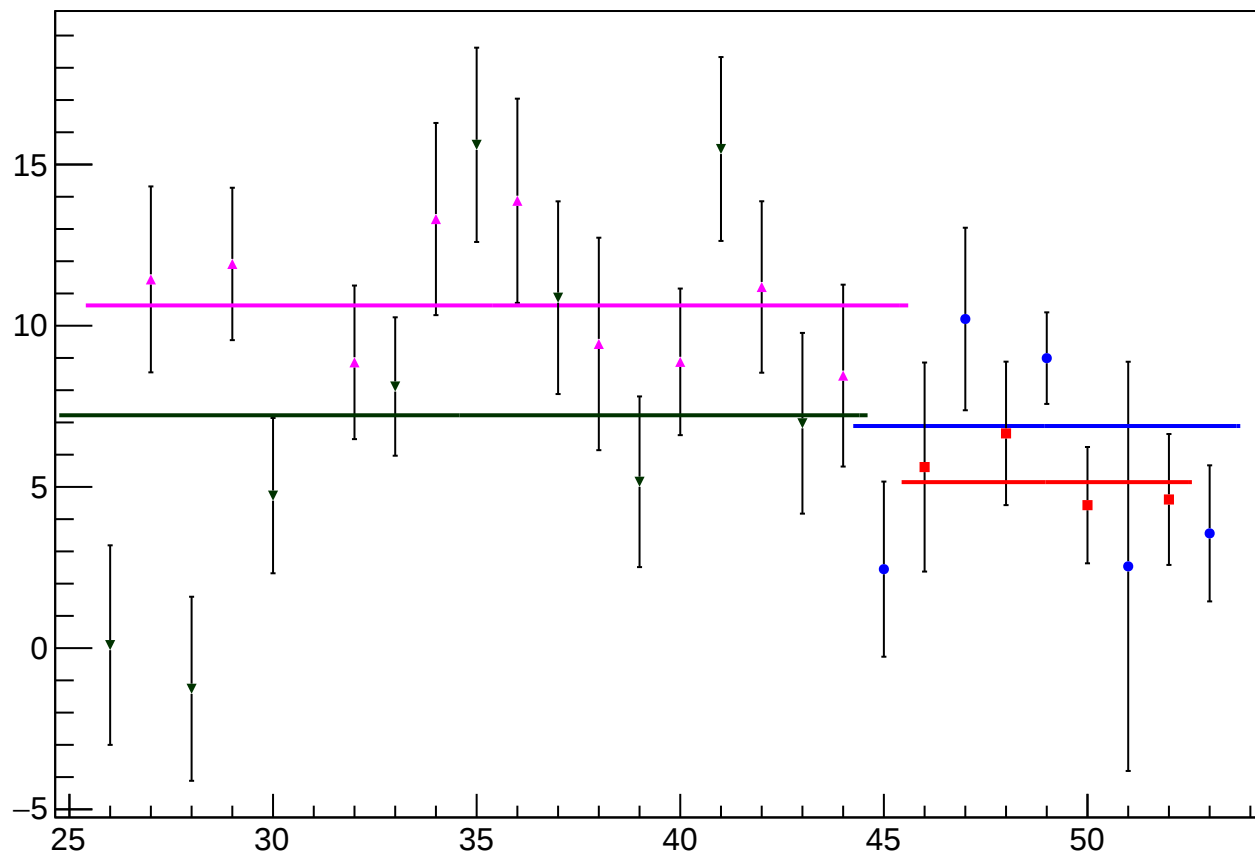
Right Out: -140.287 ± 6.088 χ^2/NDF : 494.6/3

Left In: -106.838 ± 4.330 χ^2/NDF : 393.2/8

-72.634 ± 3.611 χ^2/NDF : 634.1/13

-118.073 ± 3.528 χ^2/NDF : 907.9/12

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 6.889 $\pm$ 0.997 χ^2 /NDF: 9.2/4

Left Out: 7.222 $\pm$ 0.901 χ^2 /NDF: 33.6/8

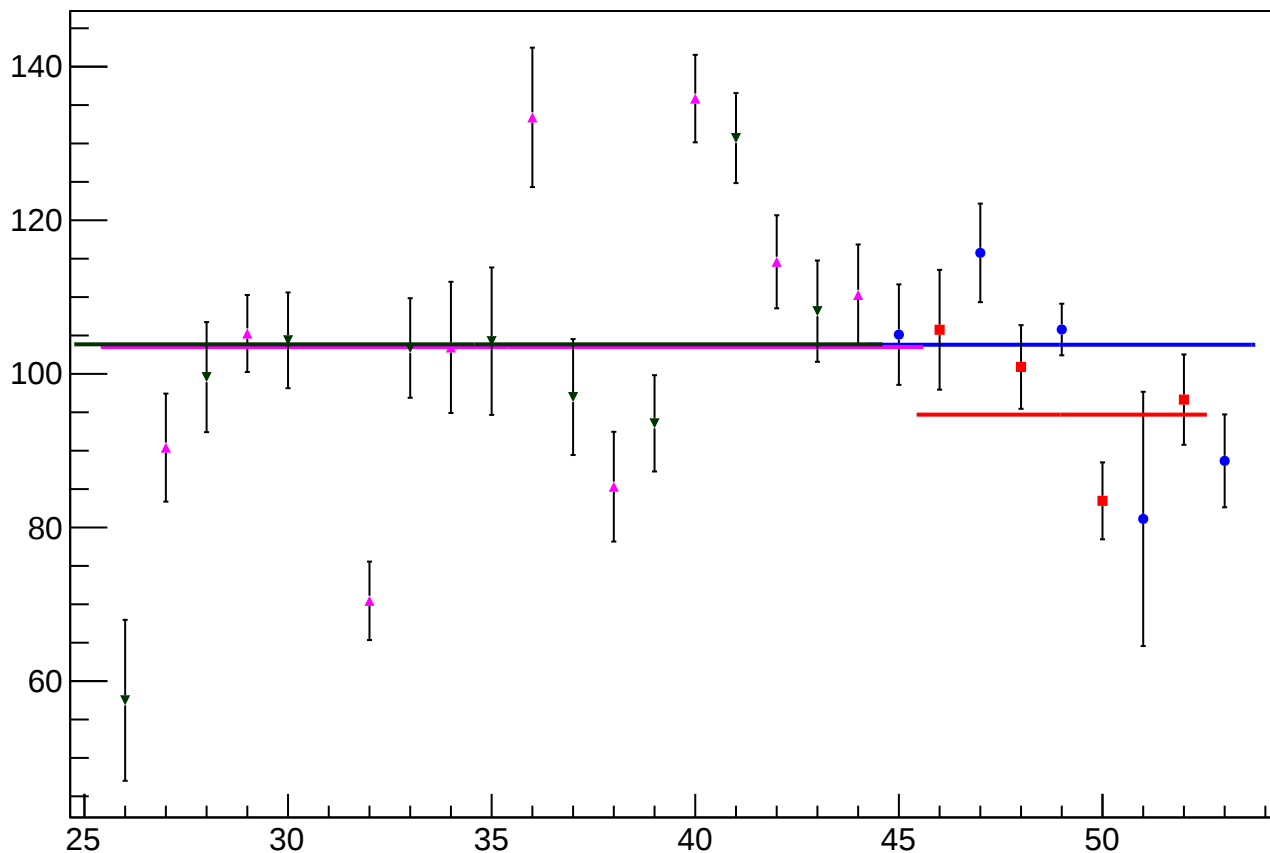
Right Out: 5.149 $\pm$ 1.086 χ^2 /NDF: 0.7/3

Left In: 10.629 $\pm$ 0.898 χ^2 /NDF: 4.1/8

7.073 $\pm$ 0.669 χ^2 /NDF: 42.9/13

8.406 $\pm$ 0.692 χ^2 /NDF: 20.0/12

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 103.798 $\pm$ 2.445 χ^2 /NDF: 12.0/4

Left Out: 103.848 $\pm$ 2.331 χ^2 /NDF: 44.9/8

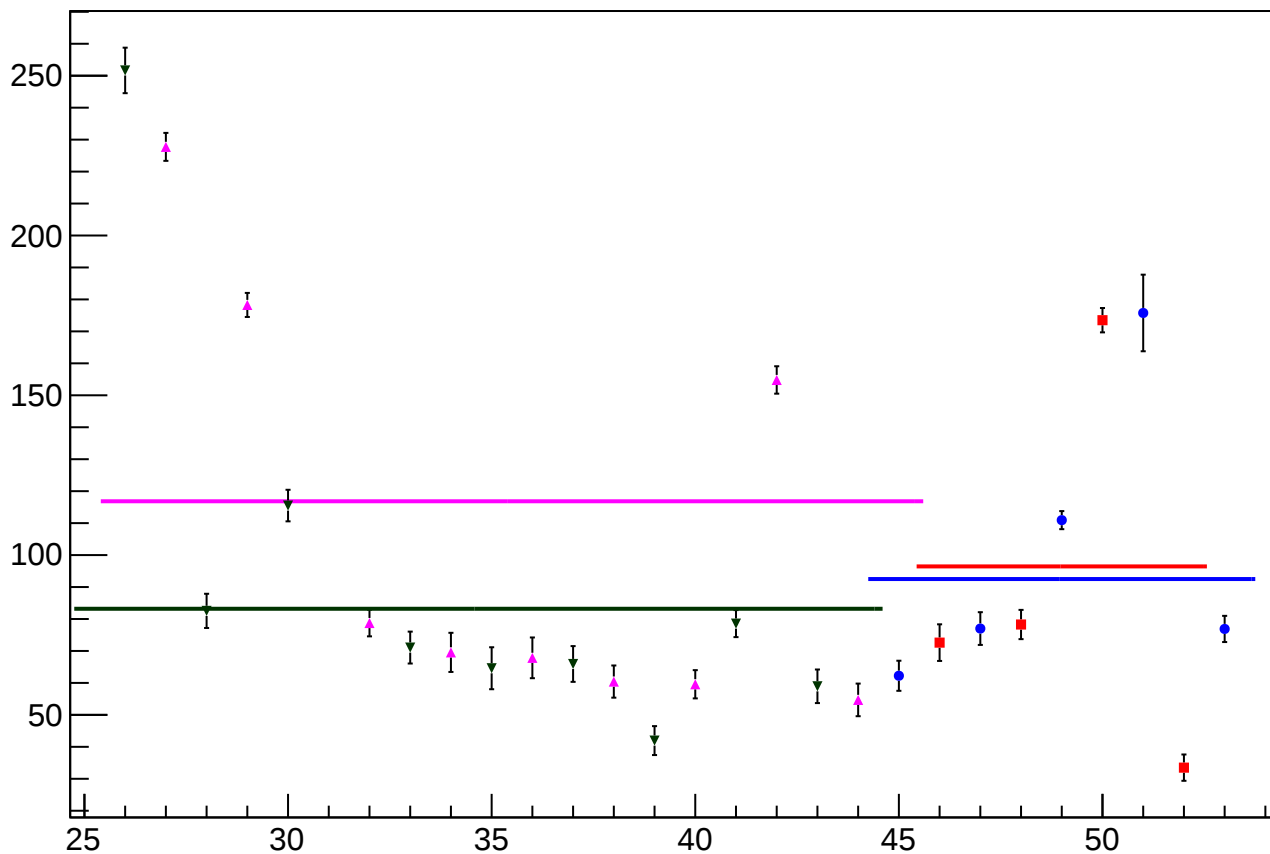
Right Out: 94.695 $\pm$ 2.900 χ^2 /NDF: 8.4/3

Left In: 103.503 $\pm$ 2.108 χ^2 /NDF: 99.4/8

103.824 $\pm$ 1.687 χ^2 /NDF: 56.9/13

100.458 $\pm$ 1.705 χ^2 /NDF: 113.9/12

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 92.504 $\pm$ 1.907 χ^2 /NDF: 155.8/4

Left Out: 83.201 $\pm$ 1.736 χ^2 /NDF: 731.5/8

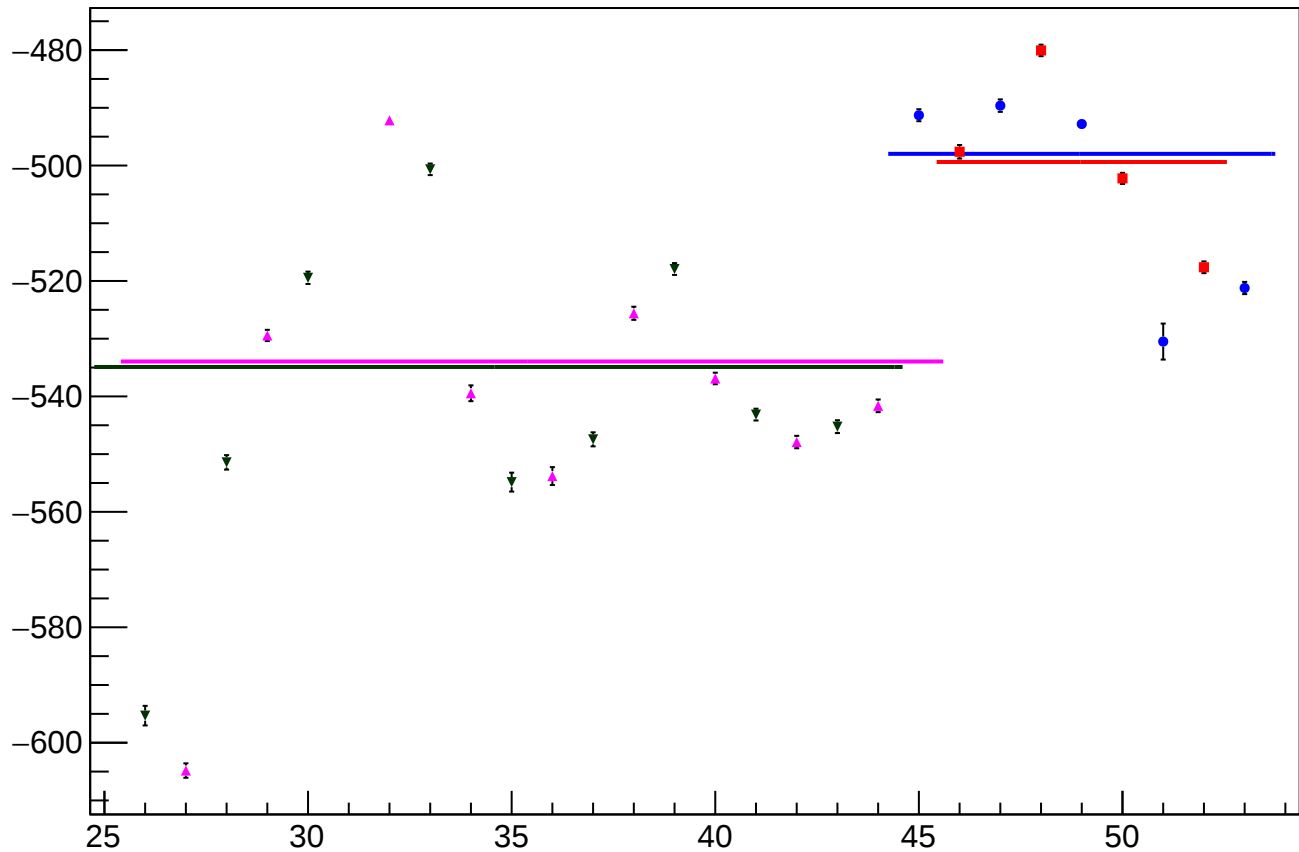
Right Out: 96.454 $\pm$ 2.202 χ^2 /NDF: 676.2/3

Left In: 116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

87.415 $\pm$ 1.284 χ^2 /NDF: 900.3/13

110.070 $\pm$ 1.269 χ^2 /NDF: 2364.2/12

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -497.974 ± 0.453 χ^2/NDF : 749.7/4

Left Out: -534.901 ± 0.389 χ^2/NDF : 3490.3/8

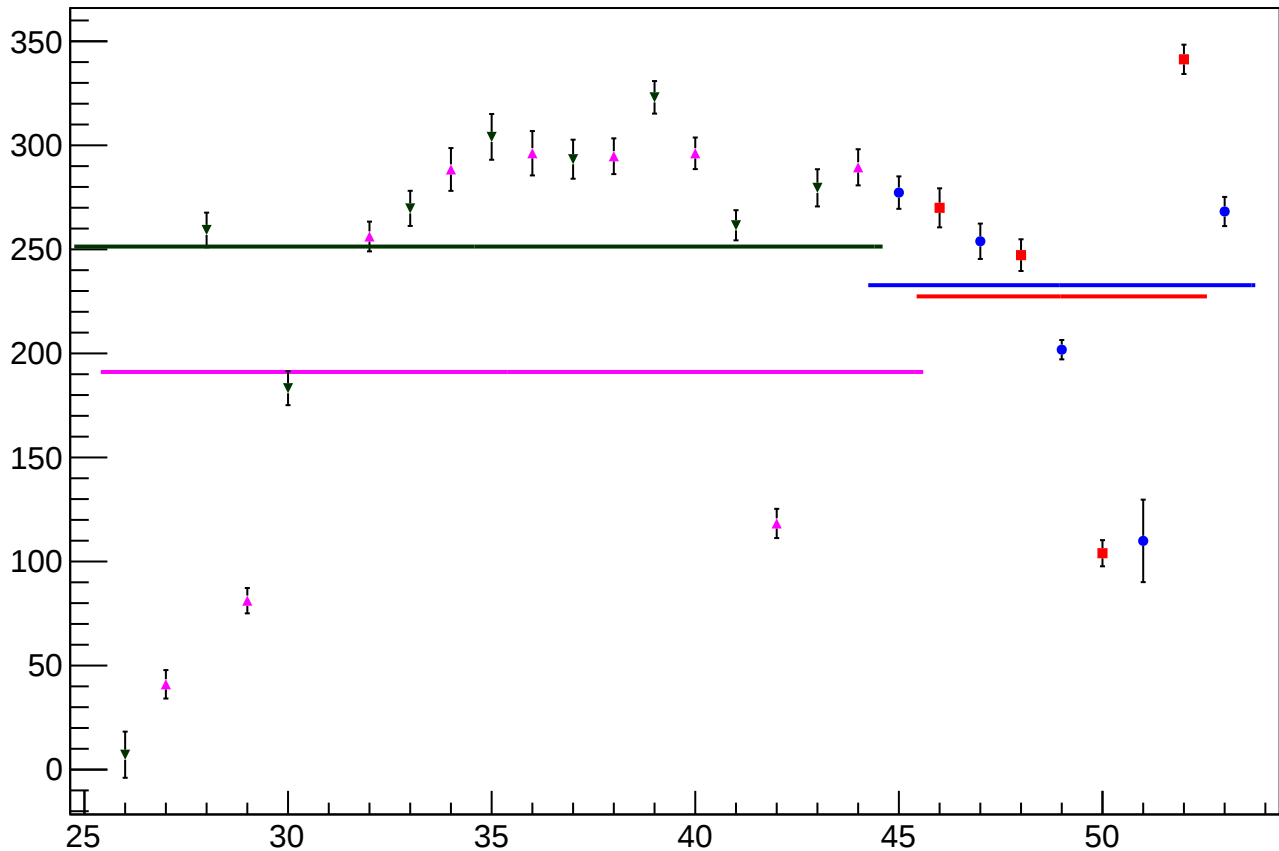
Right Out: -499.386 ± 0.515 χ^2/NDF : 707.5/3

Left In: -533.950 ± 0.361 χ^2/NDF : 6442.7/8

-519.227 ± 0.295 χ^2/NDF : 8065.0/13

-522.551 ± 0.296 χ^2/NDF : 10173.2/12

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 232.784 ± 3.171 χ^2/NDF : 147.1/4

Left Out: 251.350 ± 2.897 χ^2/NDF : 698.7/8

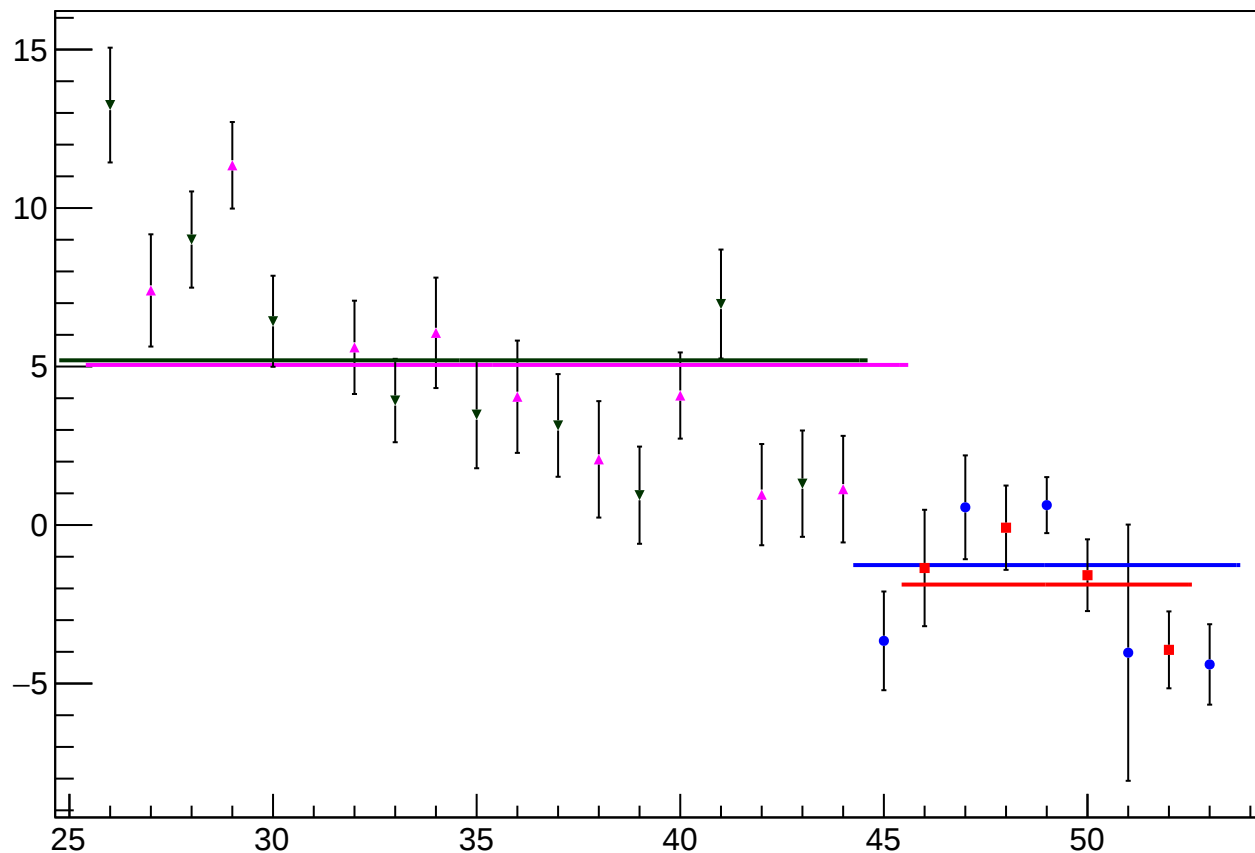
Right Out: 227.397 ± 3.674 χ^2/NDF : 675.1/3

Left In: 191.089 ± 2.577 χ^2/NDF : 1650.2/8

242.905 ± 2.139 χ^2/NDF : 864.5/13

203.060 ± 2.110 χ^2/NDF : 2390.7/12

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -1.263 ± 0.603 χ^2/NDF : 14.8/4

Left Out: 5.196 ± 0.523 χ^2/NDF : 44.5/8

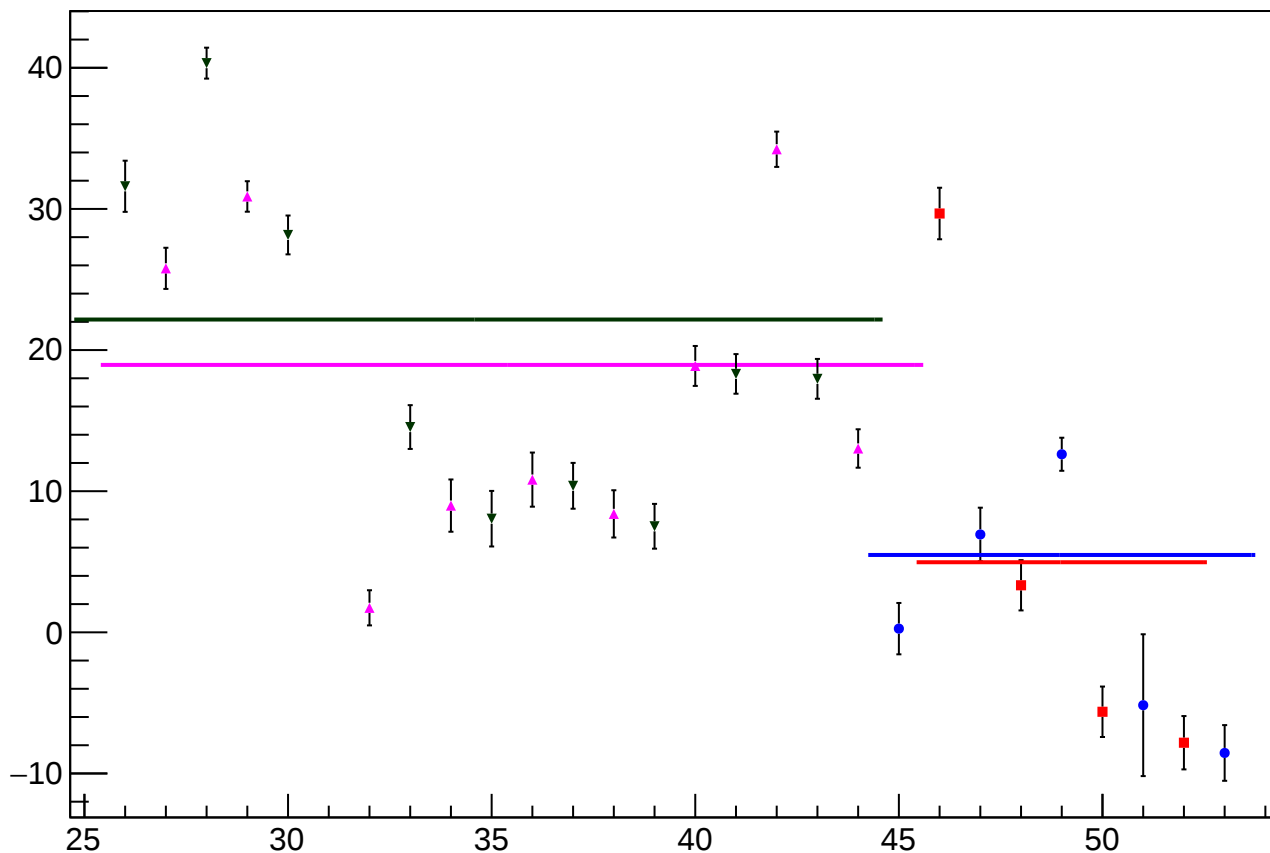
Right Out: -1.878 ± 0.656 χ^2/NDF : 4.9/3

Left In: 5.051 ± 0.531 χ^2/NDF : 39.0/8

2.422 ± 0.395 χ^2/NDF : 124.7/13

2.310 ± 0.413 χ^2/NDF : 111.2/12

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 5.482 $\pm$ 0.789 χ^2 /NDF: 101.0/4

Left Out: 22.164 $\pm$ 0.492 χ^2 /NDF: 550.6/8

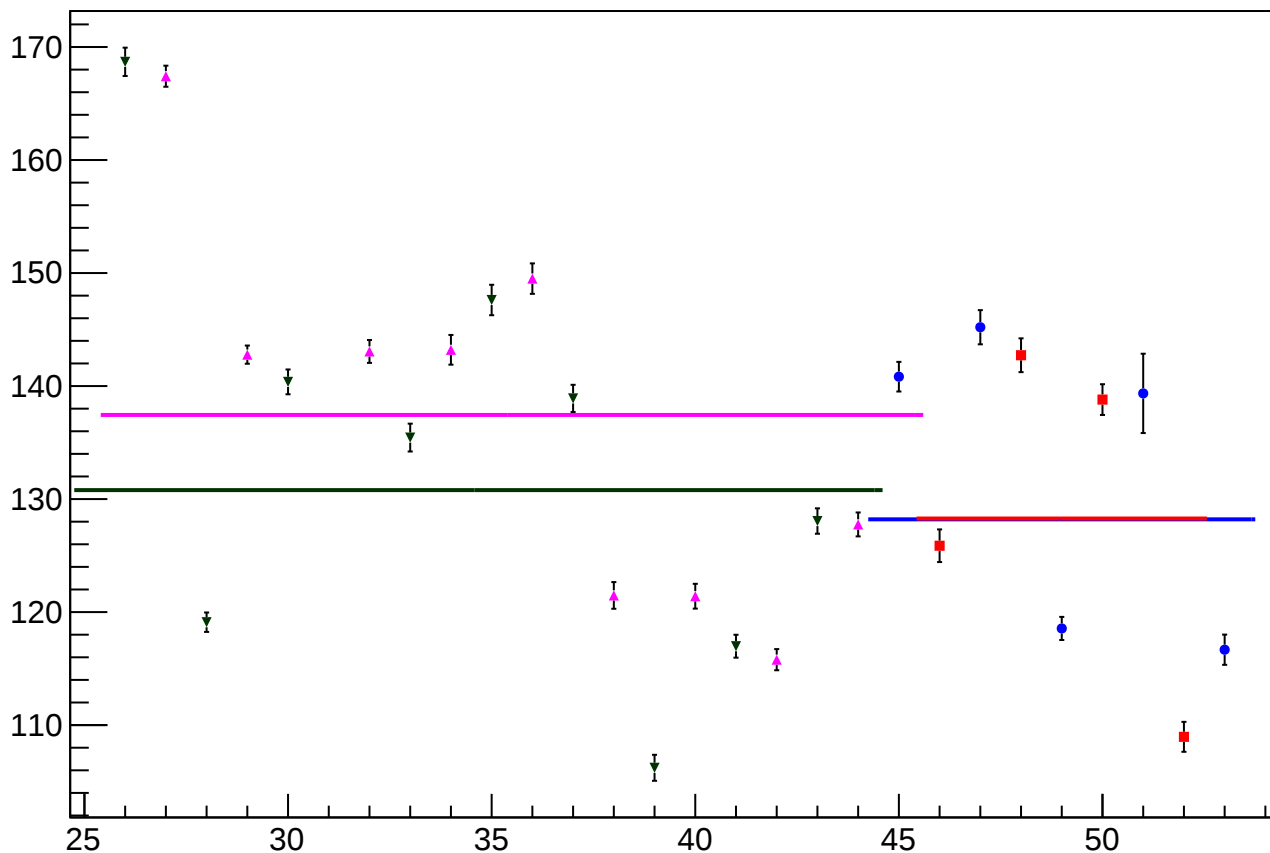
Right Out: 4.967 $\pm$ 0.910 χ^2 /NDF: 264.9/3

Left In: 18.948 $\pm$ 0.468 χ^2 /NDF: 590.1/8

17.491 $\pm$ 0.418 χ^2 /NDF: 973.0/13

16.025 $\pm$ 0.416 χ^2 /NDF: 1041.8/12

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 128.207 ± 0.618 χ^2/NDF : 392.8/4

Left Out: 130.793 ± 0.372 χ^2/NDF : 2039.0/8

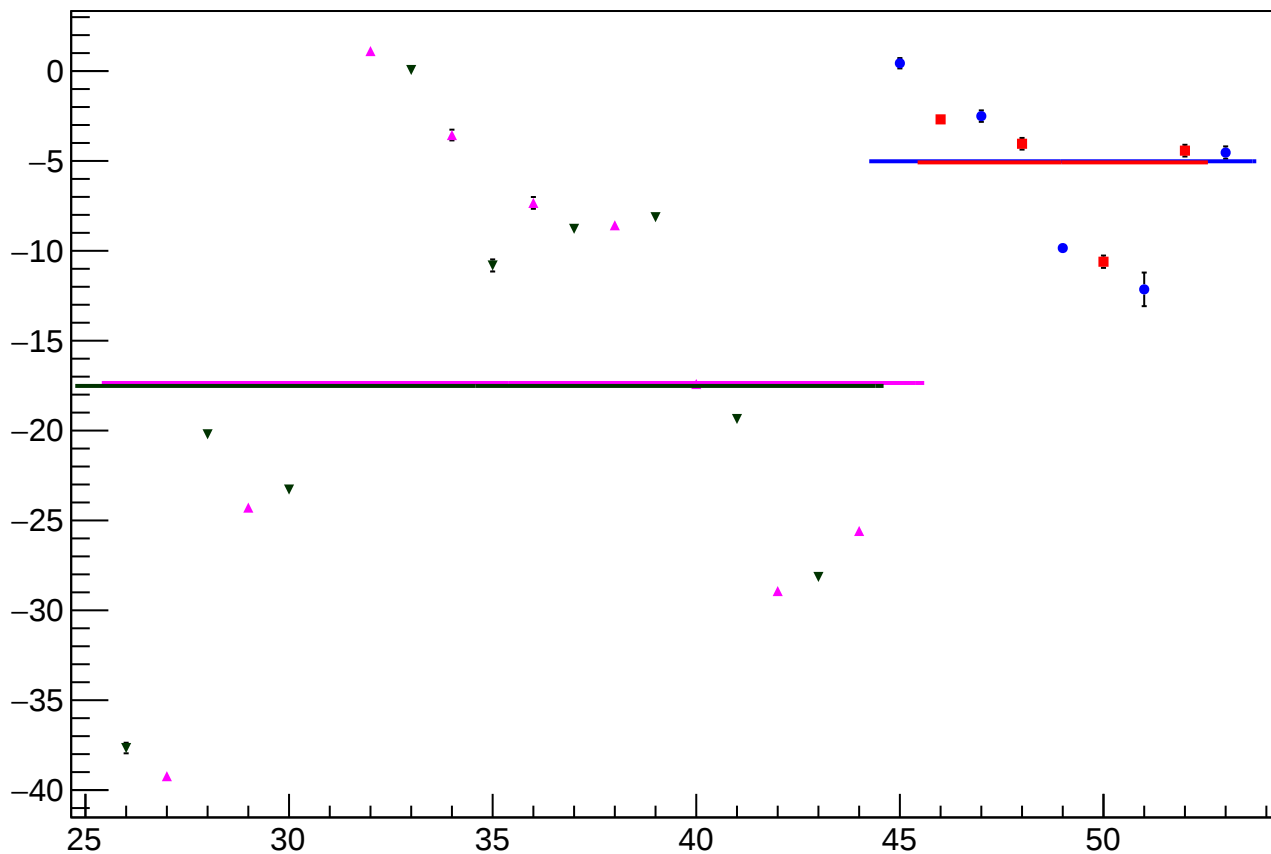
Right Out: 128.280 ± 0.701 χ^2/NDF : 368.7/3

Left In: 137.444 ± 0.345 χ^2/NDF : 2221.9/8

130.107 ± 0.318 χ^2/NDF : 2444.6/13

135.651 ± 0.310 χ^2/NDF : 2728.3/12

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -5.019 ± 0.142 χ^2/NDF : 896.8/4

Left Out: -17.516 ± 0.083 χ^2/NDF : 15652.4/8

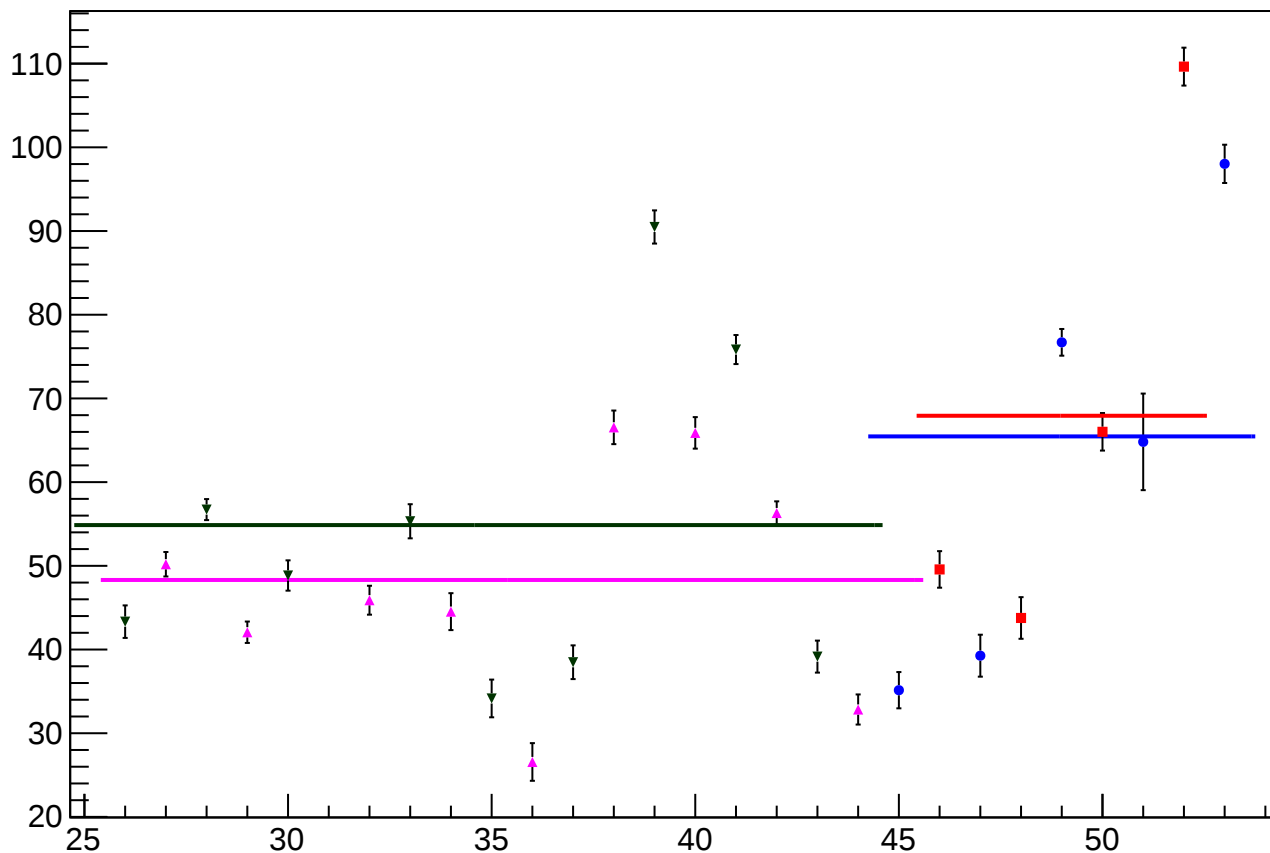
Right Out: -5.080 ± 0.157 χ^2/NDF : 348.7/3

Left In: -17.353 ± 0.080 χ^2/NDF : 25925.9/8

-14.355 ± 0.072 χ^2/NDF : 22302.3/13

-14.819 ± 0.071 χ^2/NDF : 31104.8/12

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 65.463 $\pm$ 1.007 χ^2 /NDF: 557.5/4

Left Out: 54.868 $\pm$ 0.603 χ^2 /NDF: 735.8/8

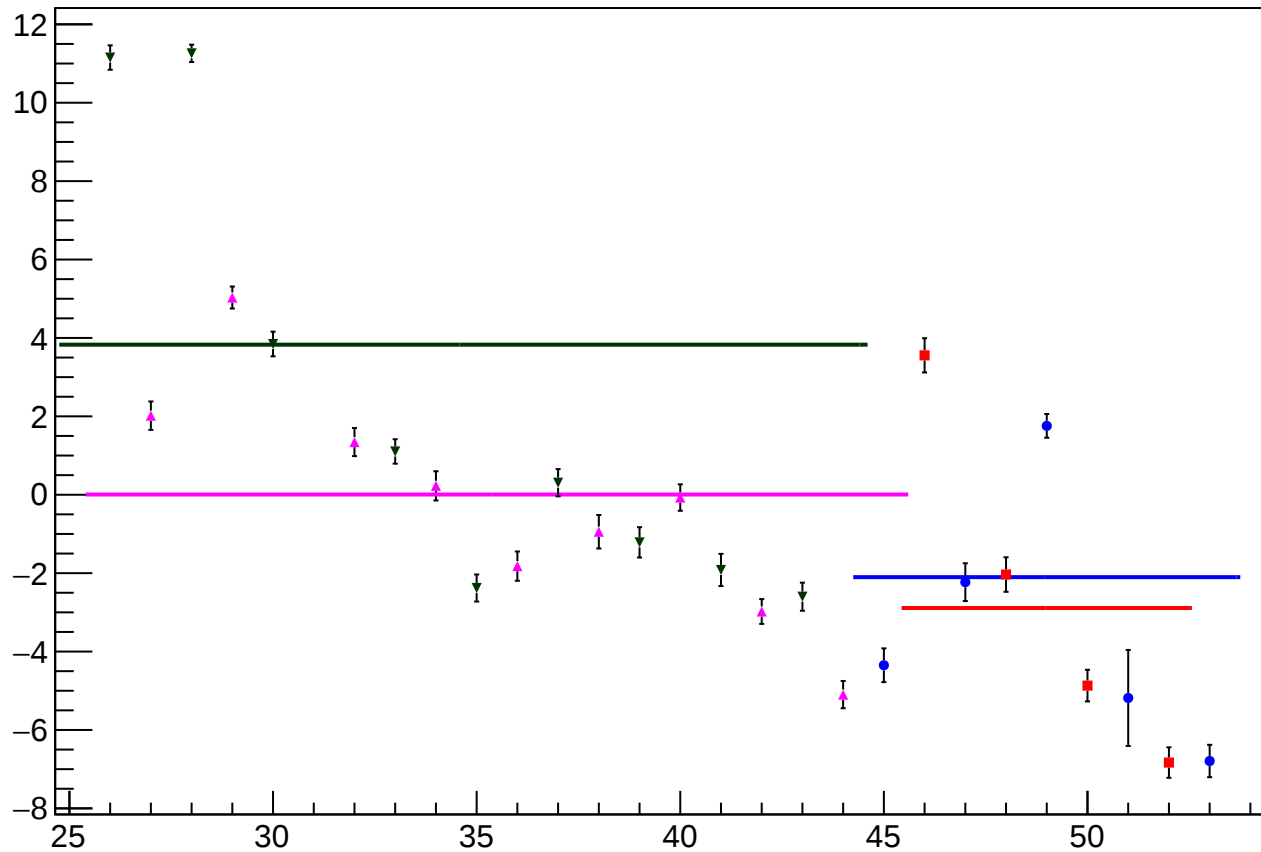
Right Out: 67.929 $\pm$ 1.143 χ^2 /NDF: 505.1/3

Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

57.666 $\pm$ 0.517 χ^2 /NDF: 1374.8/13

52.125 $\pm$ 0.504 χ^2 /NDF: 1142.7/12

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -2.102 ± 0.192 χ^2/NDF : 325.4/4

Left Out: 3.828 ± 0.107 χ^2/NDF : 2866.4/8

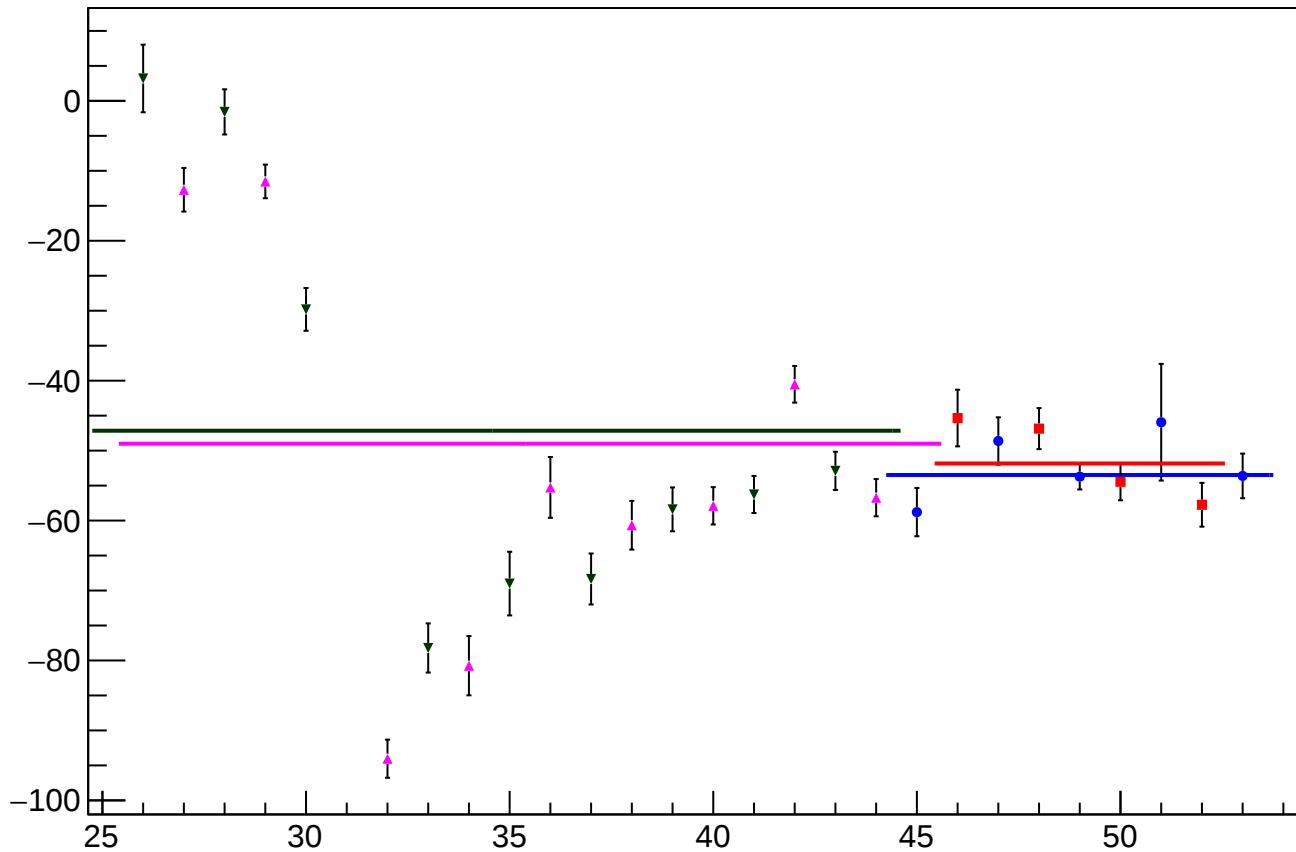
Right Out: -2.889 ± 0.208 χ^2/NDF : 349.0/3

Left In: 0.006 ± 0.116 χ^2/NDF : 698.4/8

2.431 ± 0.093 χ^2/NDF : 3921.6/13

-0.678 ± 0.101 χ^2/NDF : 1195.8/12

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -53.481 ± 1.308 $\chi^2/\text{NDF}: 5.3/4$

Left Out: -47.154 ± 1.099 $\chi^2/\text{NDF}: 504.0/8$

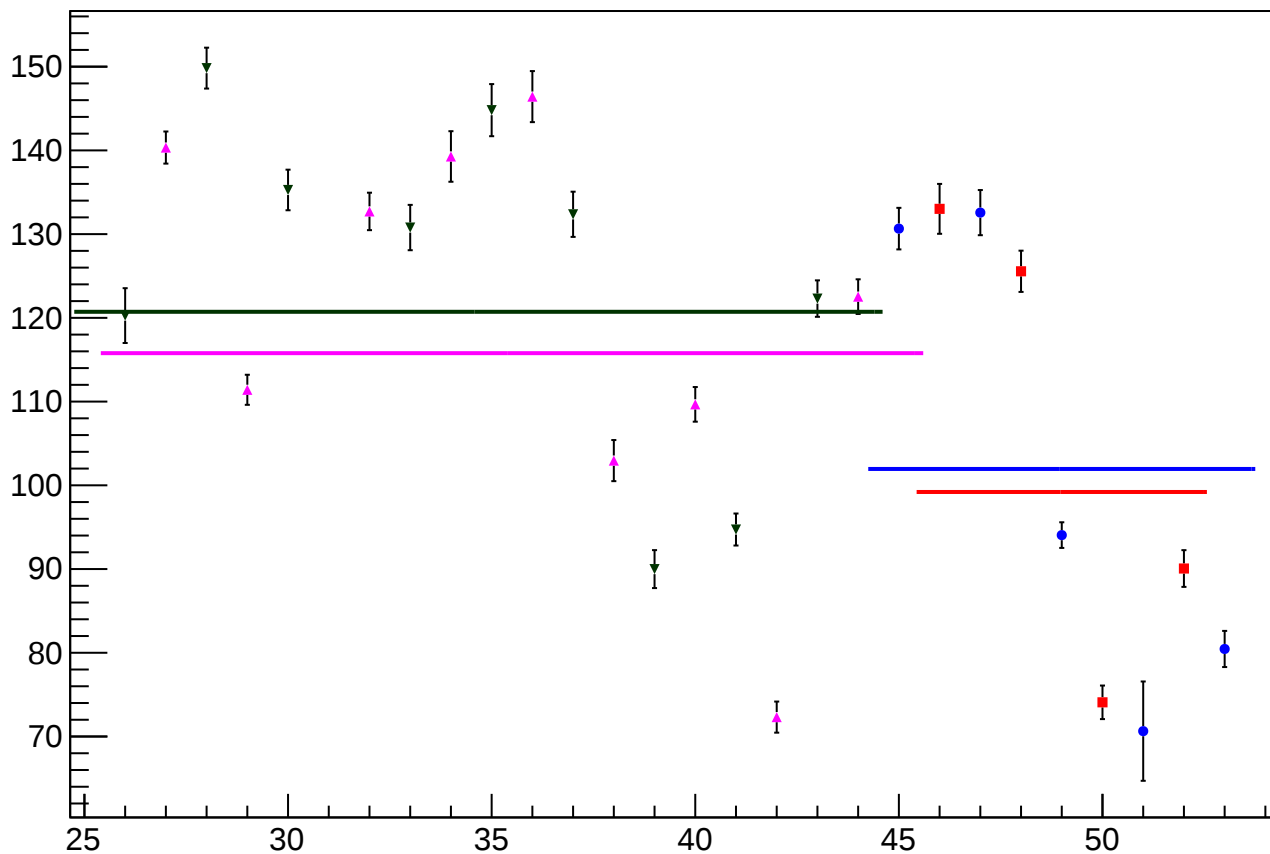
Right Out: -51.837 ± 1.539 $\chi^2/\text{NDF}: 10.0/3$

Left In: -49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-49.772 ± 0.841 $\chi^2/\text{NDF}: 523.0/13$

-49.833 ± 0.830 $\chi^2/\text{NDF}: 763.4/12$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 101.953 ± 1.016 χ^2/NDF : 416.2/4

Left Out: 120.724 ± 0.820 χ^2/NDF : 639.8/8

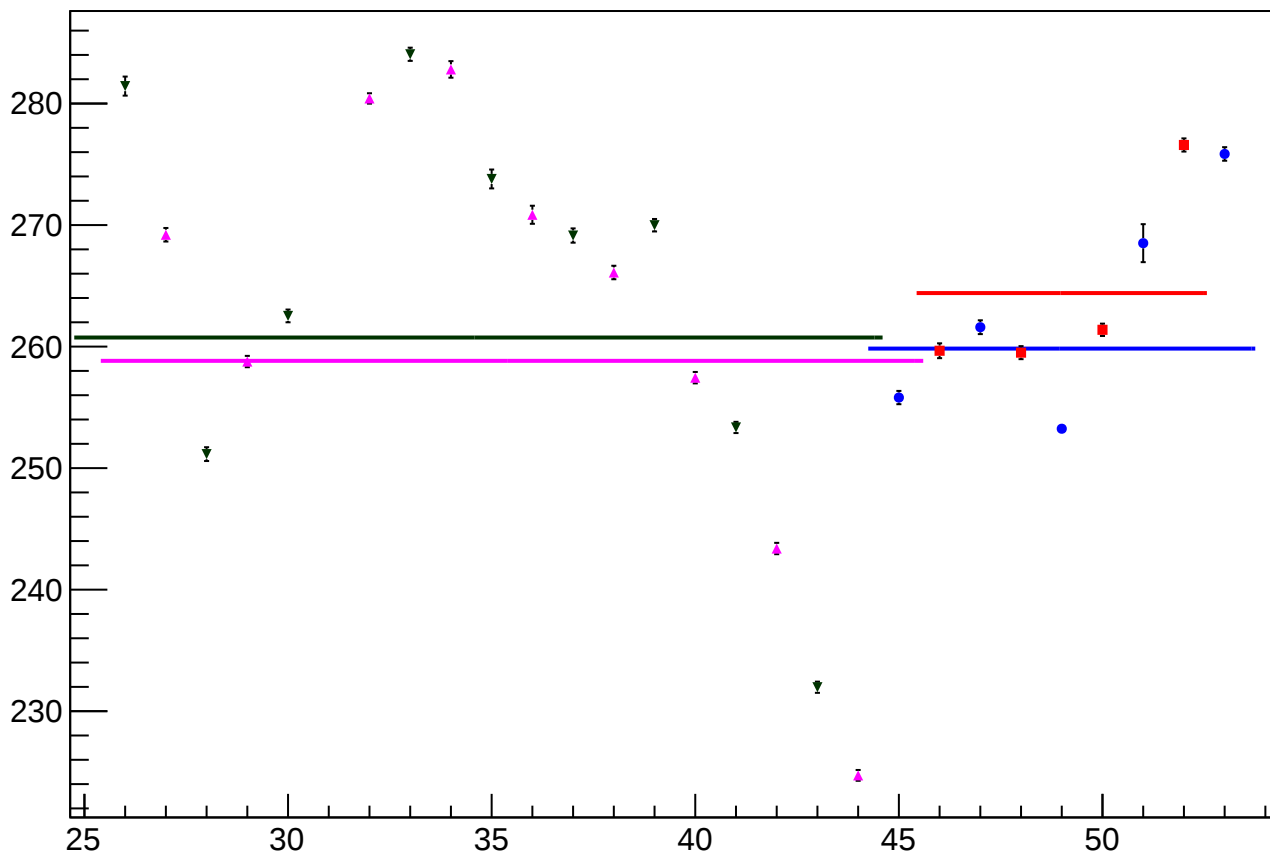
Right Out: 99.204 ± 1.167 χ^2/NDF : 417.9/3

Left In: 115.784 ± 0.721 χ^2/NDF : 983.2/8

113.319 ± 0.638 χ^2/NDF : 1262.8/13

111.200 ± 0.614 χ^2/NDF : 1547.1/12

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 259.836 $\pm$ 0.241 χ^2 /NDF: 1229.9/4

Left Out: 260.747 $\pm$ 0.184 χ^2 /NDF: 7794.0/8

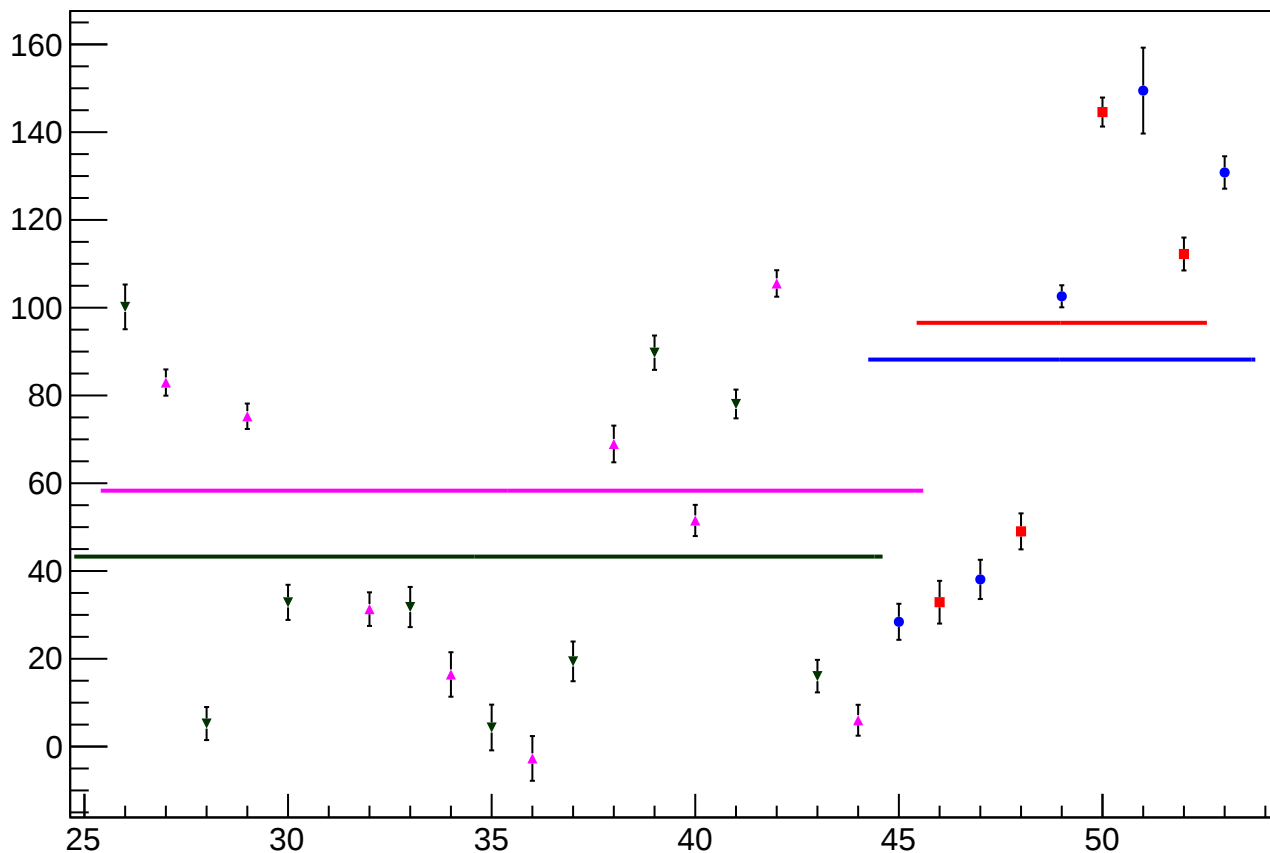
Right Out: 264.405 $\pm$ 0.273 χ^2 /NDF: 684.9/3

Left In: 258.828 $\pm$ 0.170 χ^2 /NDF: 11545.2/8

260.412 $\pm$ 0.146 χ^2 /NDF: 9032.9/13

260.387 $\pm$ 0.144 χ^2 /NDF: 12531.2/12

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 88.181+/-1.687 χ^2 /NDF: 542.6/4

Left Out: 43.284+/-1.366 χ^2 /NDF:631.4/8

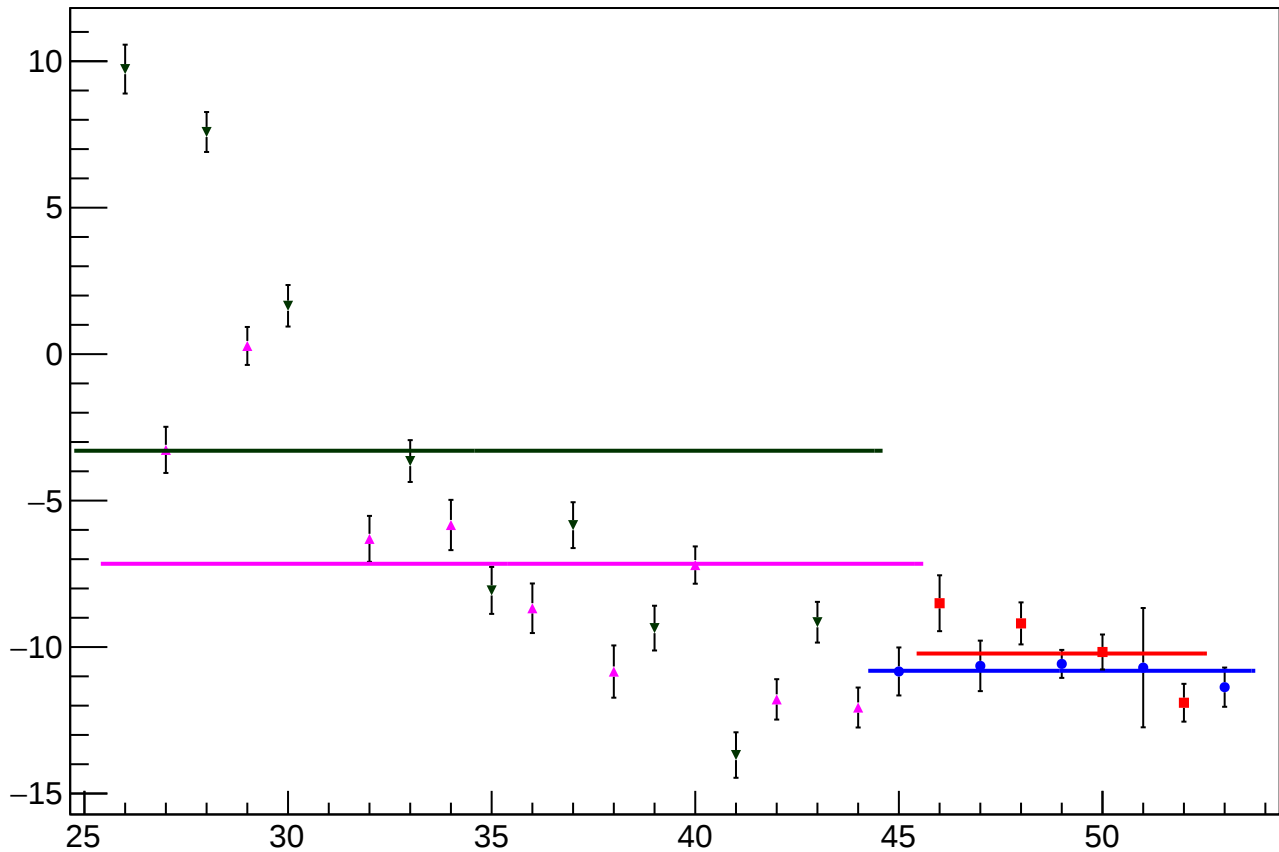
Right Out: 96.556+/-1.945 χ^2 /NDF: 533.8/3

Left In: 58.307+/-1.192 χ^2 /NDF:839.3/8

61.057+/-1.061 χ^2 /NDF: 1601.9/13

68.751+/-1.016 χ^2 /NDF: 1654.2/12

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.810 ± 0.321 $\chi^2/\text{NDF}: 1.0/4$

Left Out: -3.298 ± 0.249 $\chi^2/\text{NDF}: 906.1/8$

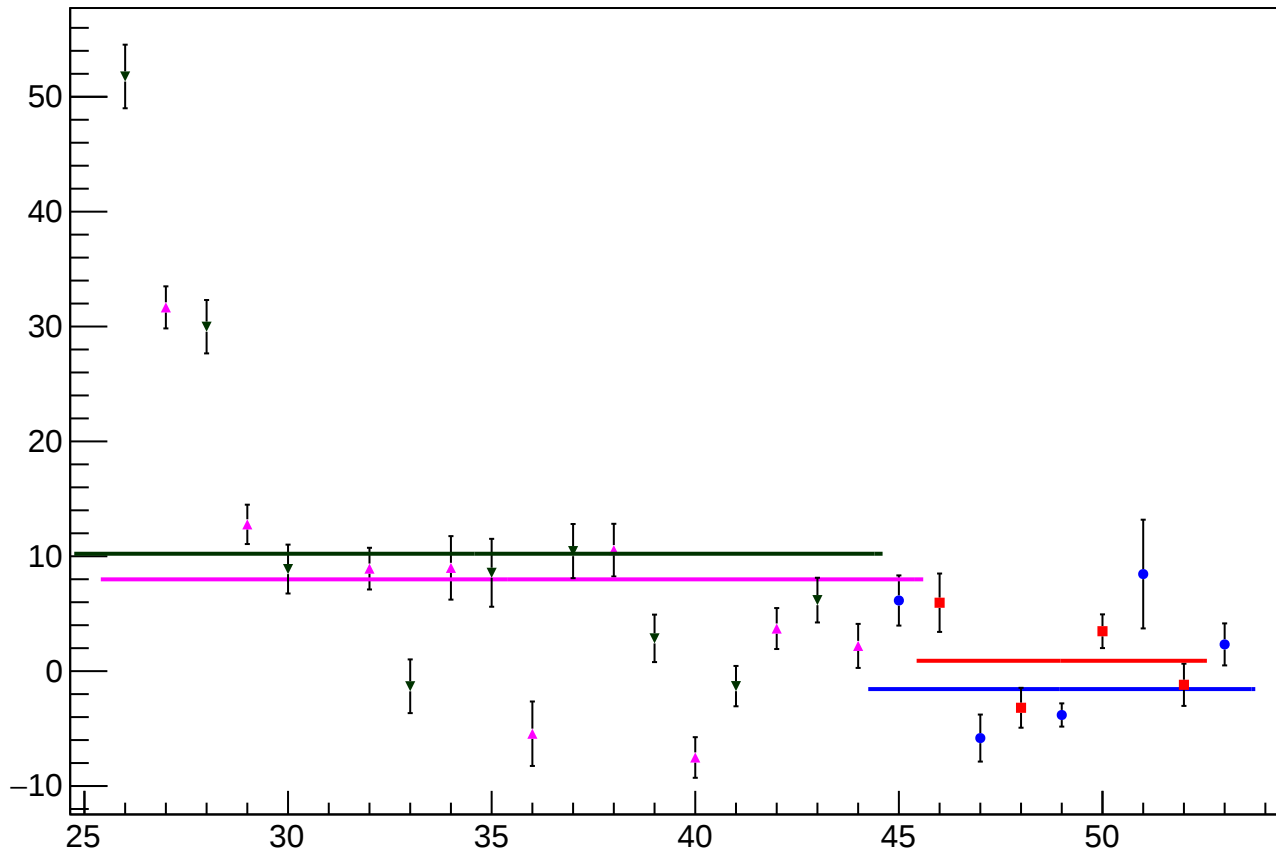
Right Out: -10.221 ± 0.348 $\chi^2/\text{NDF}: 12.1/3$

Left In: -7.157 ± 0.247 $\chi^2/\text{NDF}: 276.7/8$

-6.114 ± 0.197 $\chi^2/\text{NDF}: 1249.0/13$

-8.184 ± 0.202 $\chi^2/\text{NDF}: 340.2/12$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -1.561 ± 0.751 χ^2/NDF : 30.8/4

Left Out: 10.220 ± 0.738 χ^2/NDF : 382.7/8

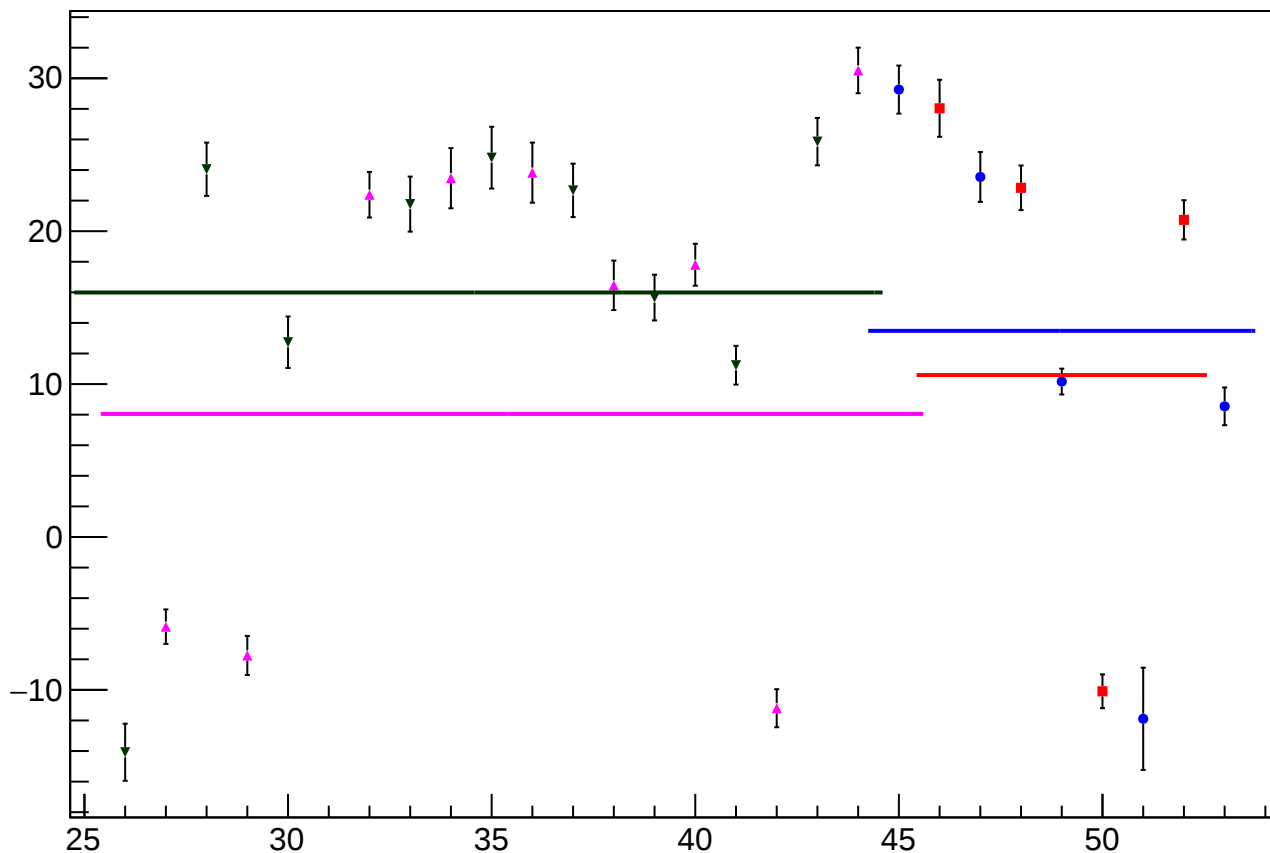
Right Out: 0.902 ± 0.896 χ^2/NDF : 13.9/3

Left In: 7.990 ± 0.660 χ^2/NDF : 291.3/8

4.437 ± 0.527 χ^2/NDF : 538.7/13

5.497 ± 0.531 χ^2/NDF : 345.8/12

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 13.482 +/- 0.584 χ^2/NDF : 227.8/4

Left Out: 15.992 +/- 0.547 χ^2/NDF : 383.0/8

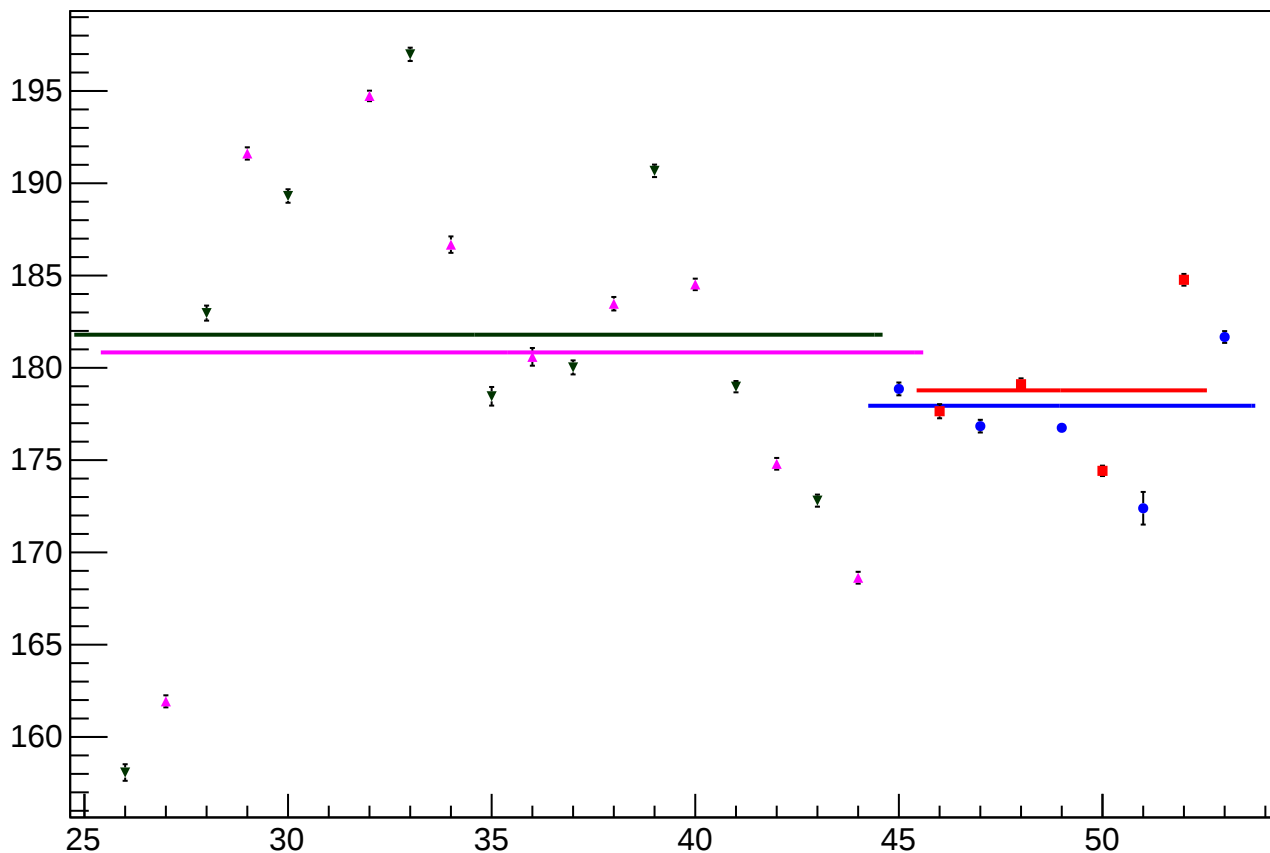
Right Out: 10.590 +/- 0.677 χ^2/NDF : 570.3/3

Left In: 8.048 +/- 0.478 χ^2/NDF : 1067.9/8

14.819 +/- 0.399 χ^2/NDF : 620.6/13

8.893 +/- 0.391 χ^2/NDF : 1647.6/12

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.945 $\pm$ 0.140 χ^2/NDF : 225.6/4

Left Out: 181.795 $\pm$ 0.123 χ^2/NDF : 6577.2/8

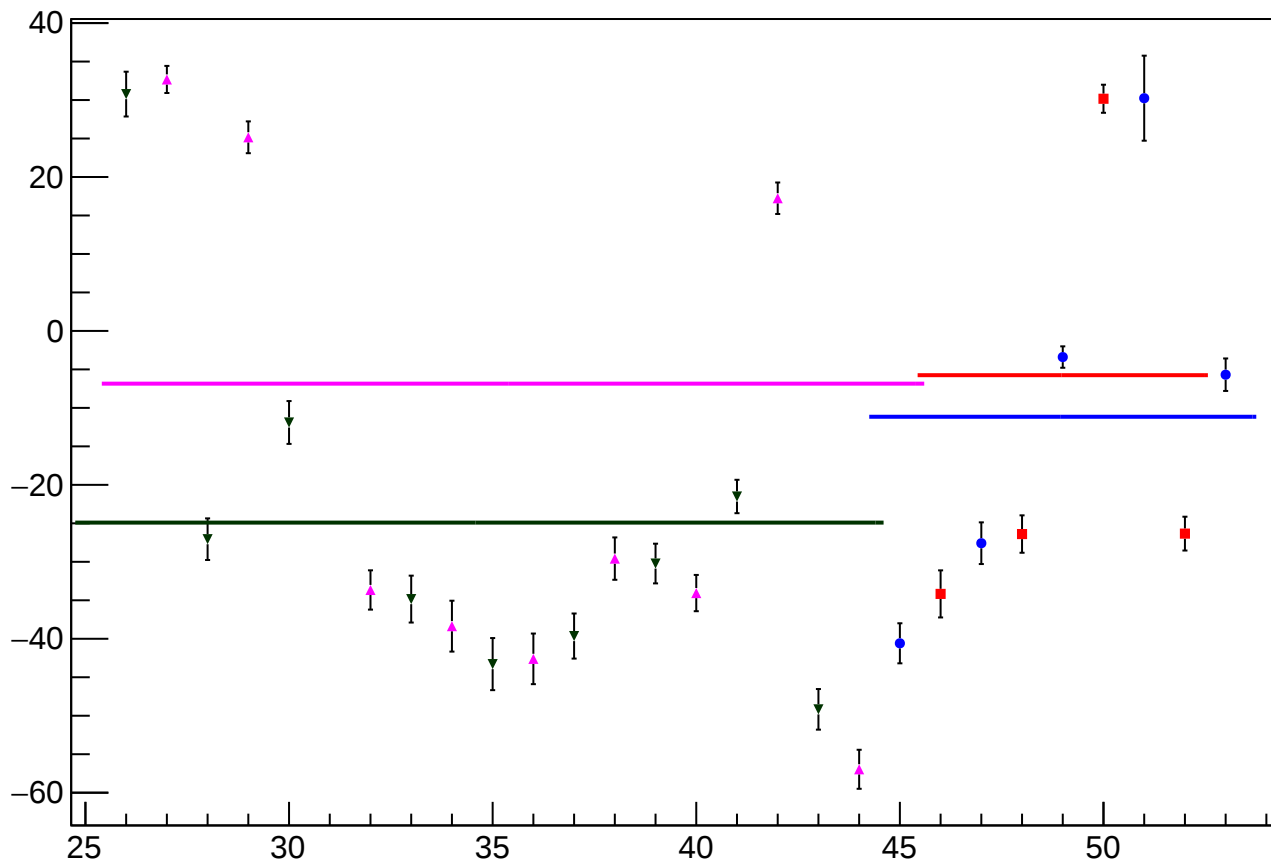
Right Out: 178.779 $\pm$ 0.160 χ^2/NDF : 603.8/3

Left In: 180.835 $\pm$ 0.114 χ^2/NDF : 8962.2/8

180.113 $\pm$ 0.093 χ^2/NDF : 7227.8/13

180.145 $\pm$ 0.093 χ^2/NDF : 9676.1/12

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -11.152 ± 0.972 $\chi^2/\text{NDF}: 258.7/4$

Left Out: -24.905 ± 0.912 $\chi^2/\text{NDF}: 545.2/8$

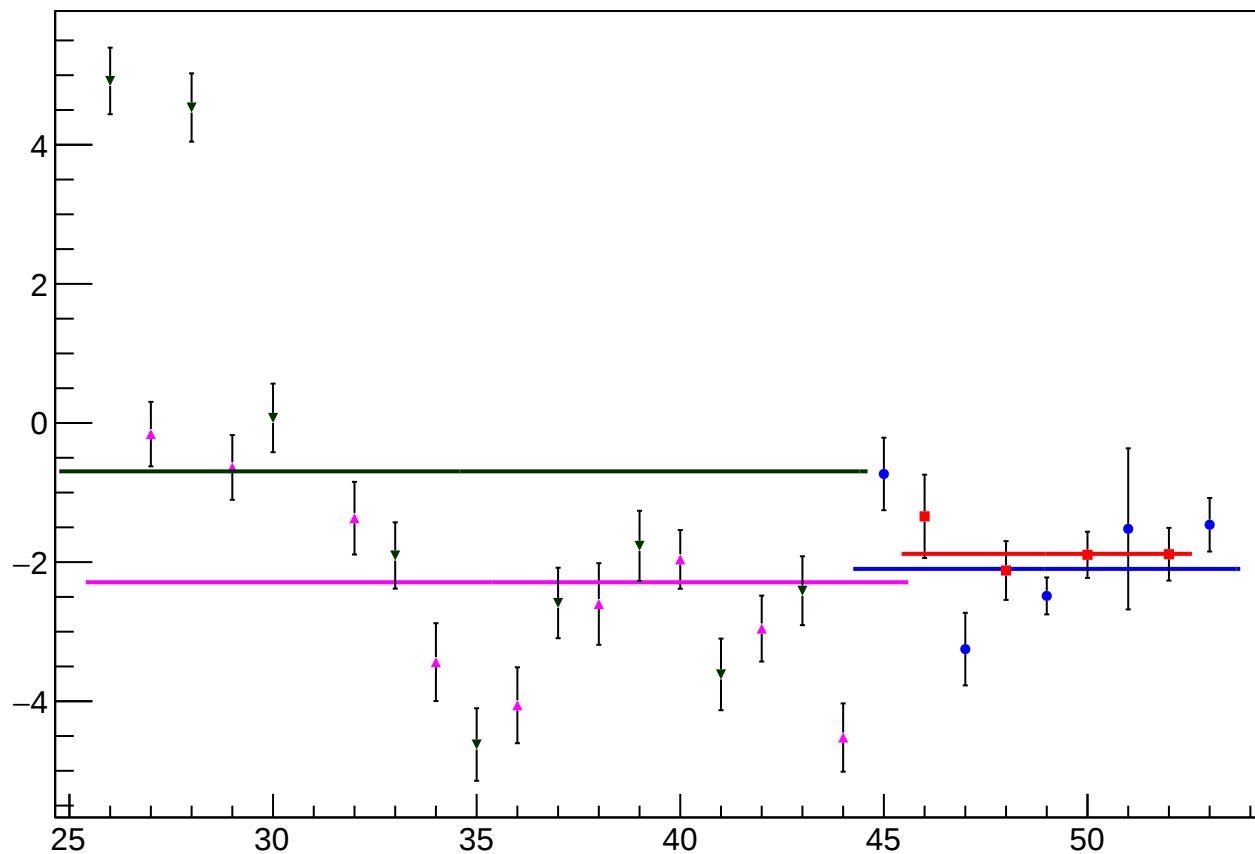
Right Out: -5.751 ± 1.130 $\chi^2/\text{NDF}: 633.9/3$

Left In: -6.851 ± 0.790 $\chi^2/\text{NDF}: 1794.2/8$

-18.468 ± 0.665 $\chi^2/\text{NDF}: 910.2/13$

-6.489 ± 0.648 $\chi^2/\text{NDF}: 2428.8/12$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.097+/-0.186 χ^2/NDF : 16.9/4

Left Out: -0.695+/-0.166 χ^2/NDF : 379.5/8

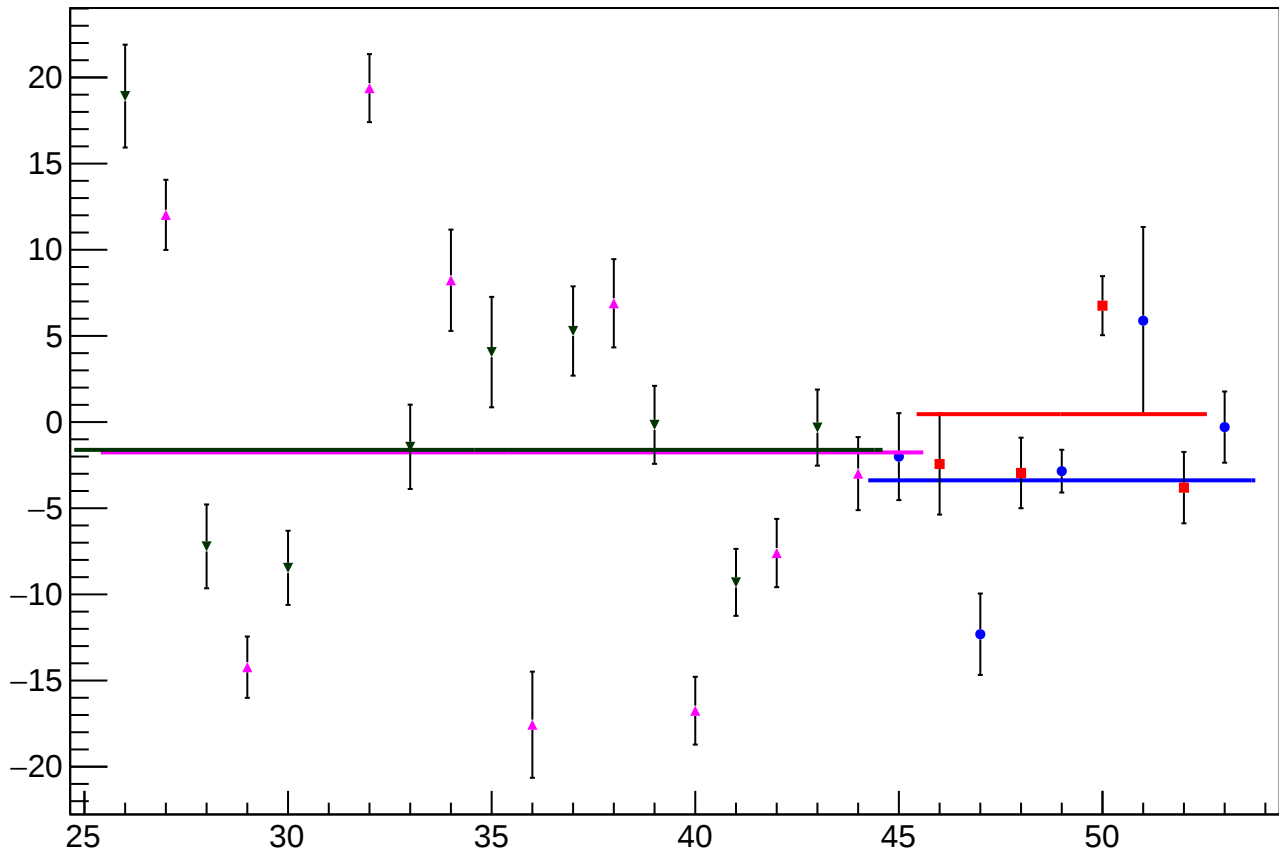
Right Out: -1.881+/-0.202 χ^2/NDF : 1.1/3

Left In: -2.289+/-0.165 χ^2/NDF : 75.1/8

-1.317+/-0.124 χ^2/NDF : 428.1/13

-2.126+/-0.128 χ^2/NDF : 78.6/12

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -3.382 ± 0.893 $\chi^2/\text{NDF}: 19.9/4$

Left Out: -1.613 ± 0.797 $\chi^2/\text{NDF}: 89.4/8$

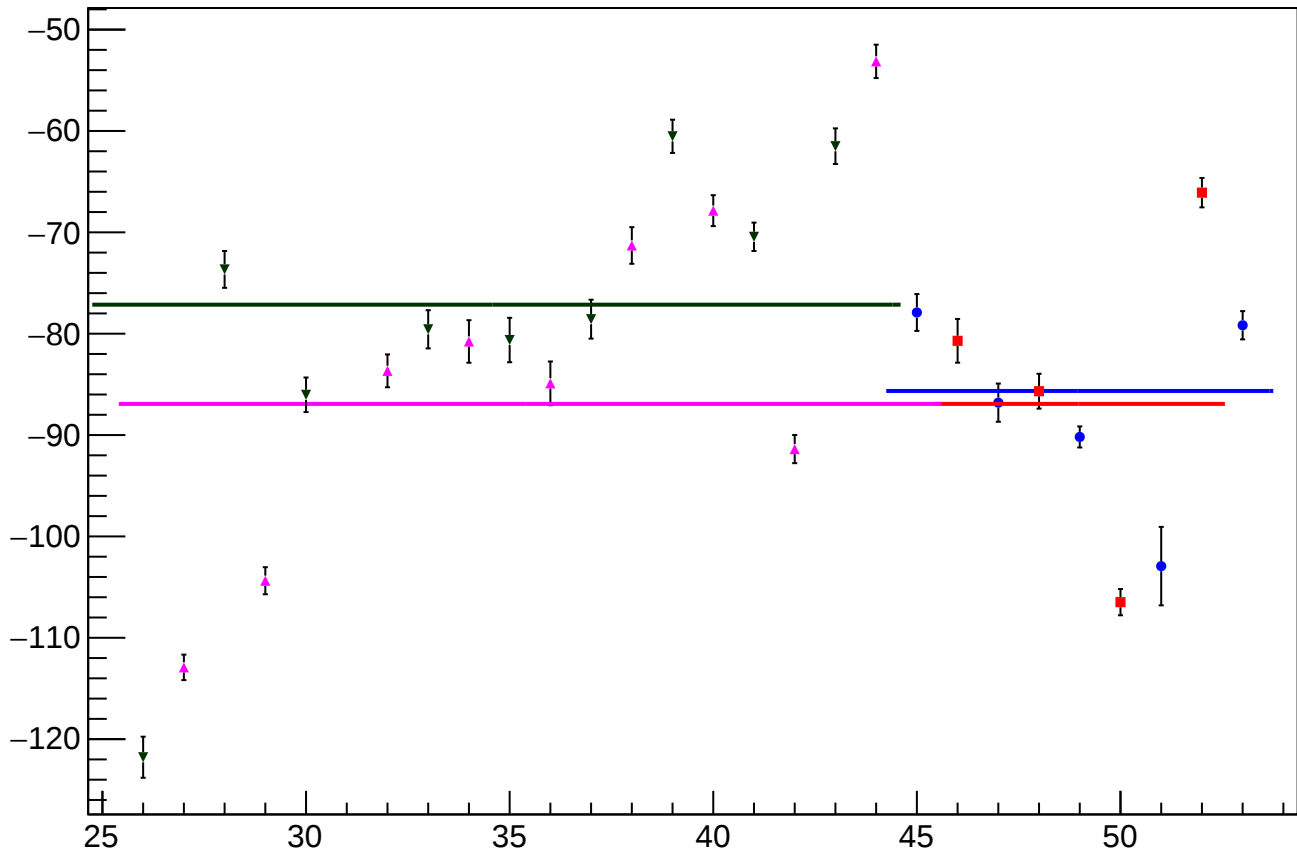
Right Out: 0.459 ± 1.038 $\chi^2/\text{NDF}: 21.5/3$

Left In: -1.762 ± 0.721 $\chi^2/\text{NDF}: 326.0/8$

-2.397 ± 0.595 $\chi^2/\text{NDF}: 111.5/13$

-1.038 ± 0.592 $\chi^2/\text{NDF}: 350.6/12$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -85.648 $\pm$ 0.691 χ^2 /NDF: 79.1/4

Left Out: -77.138 $\pm$ 0.592 χ^2 /NDF: 725.4/8

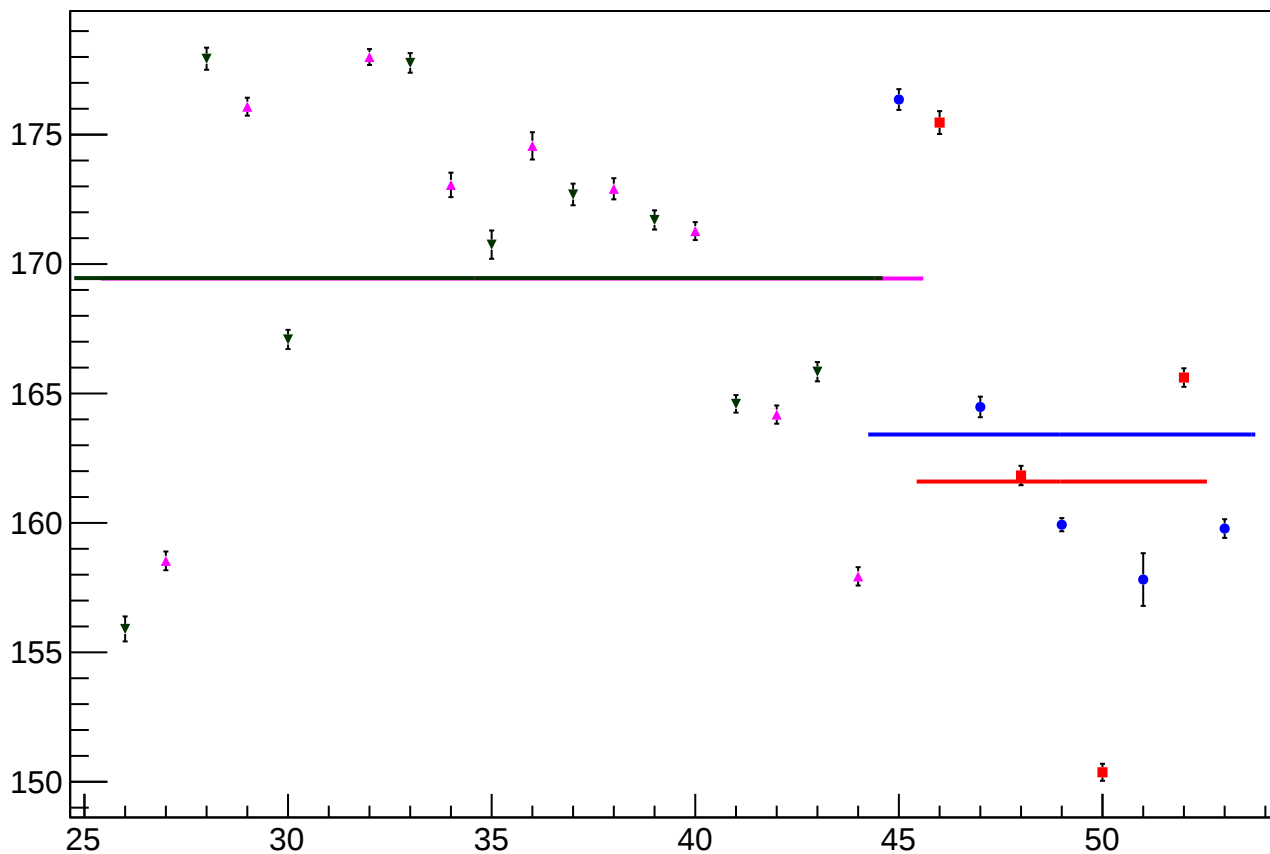
Right Out: -86.925 $\pm$ 0.784 χ^2 /NDF: 444.2/3

Left In: -86.925 $\pm$ 0.524 χ^2 /NDF: 1273.0/8

-80.735 $\pm$ 0.450 χ^2 /NDF: 892.0/13

-86.925 $\pm$ 0.436 χ^2 /NDF: 1717.2/12

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 163.416 $\pm$ 0.165 χ^2 /NDF: 1364.2/4

Left Out: 169.458 $\pm$ 0.133 χ^2 /NDF:2105.9/8

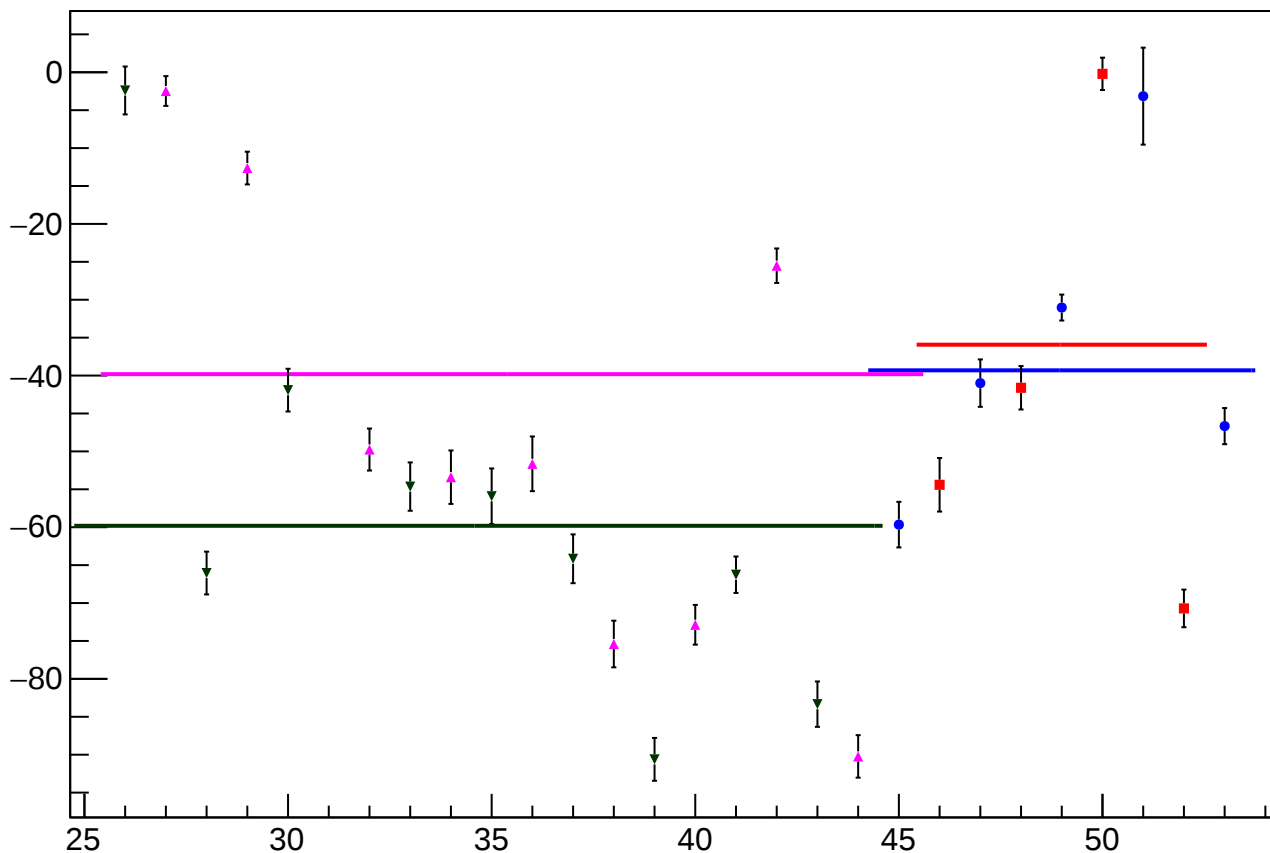
Right Out: 161.598 $\pm$ 0.185 χ^2 /NDF: 2275.8/3

Left In: 169.441 $\pm$ 0.124 χ^2 /NDF:3580.5/8

167.079 $\pm$ 0.104 χ^2 /NDF: 4279.5/13

167.002 $\pm$ 0.103 χ^2 /NDF: 7098.5/12

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -39.309+/-1.151 χ^2/NDF : 111.1/4

Left Out: -59.812+/-0.985 χ^2/NDF : 568.6/8

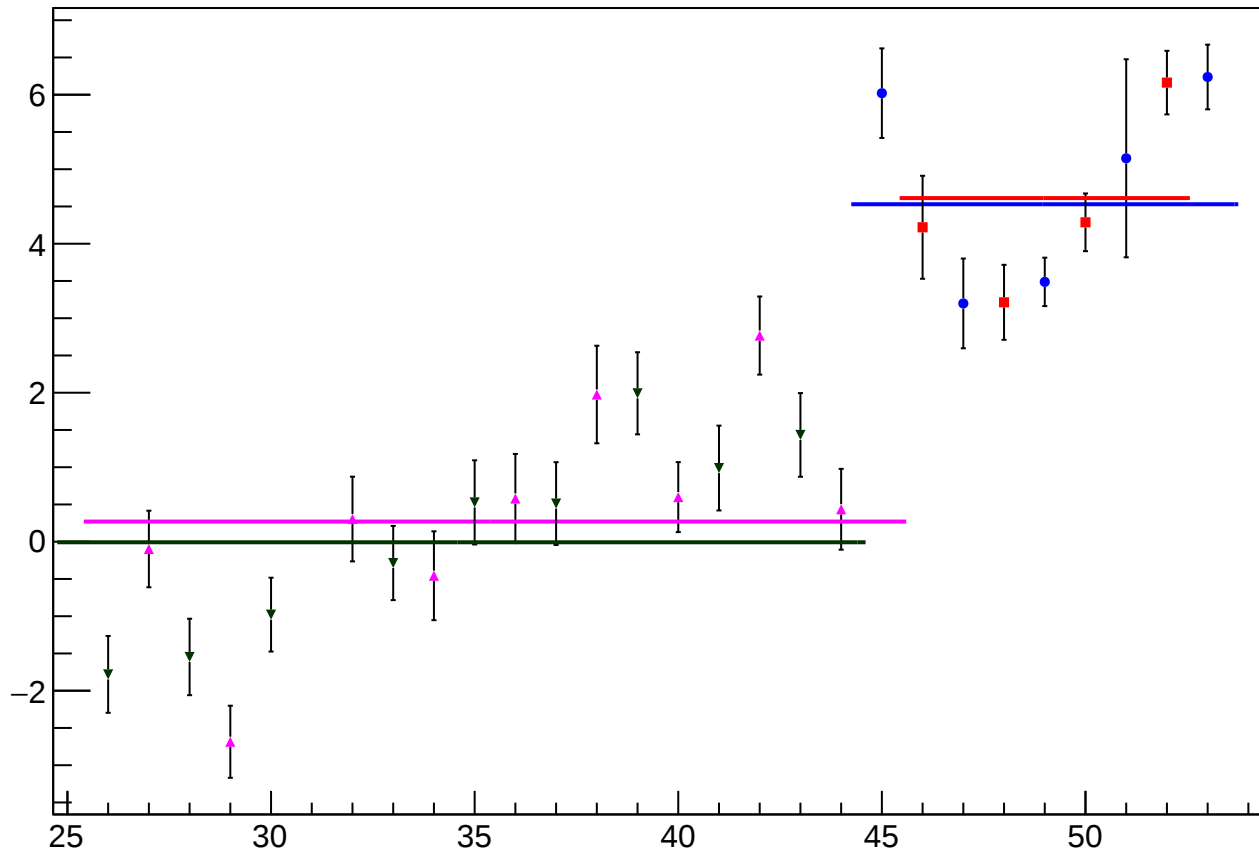
Right Out: -35.926+/-1.308 χ^2/NDF : 508.6/3

Left In: -39.815+/-0.866 χ^2/NDF : 1214.9/8

-51.143+/-0.748 χ^2/NDF : 863.0/13

-38.629+/-0.722 χ^2/NDF : 1729.6/12

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 4.530 $\pm$ 0.219 χ^2 /NDF: 37.0/4

Left Out: -0.008 $\pm$ 0.178 χ^2 /NDF: 49.6/8

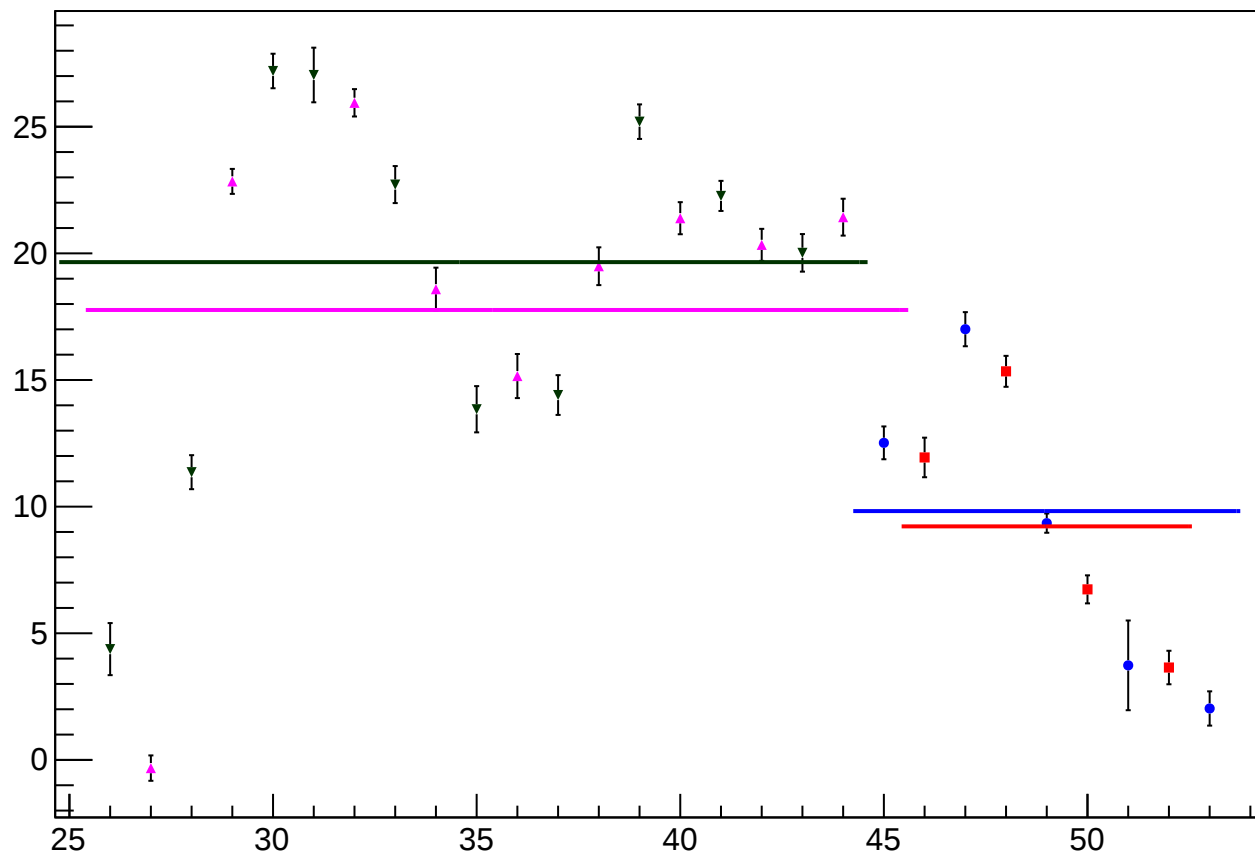
Right Out: 4.613 $\pm$ 0.234 χ^2 /NDF: 21.9/3

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

1.798 $\pm$ 0.138 χ^2 /NDF: 345.3/13

1.888 $\pm$ 0.143 χ^2 /NDF: 306.9/12

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 9.825 ± 0.267 χ^2/NDF : 277.0/4

Left Out: 19.654 ± 0.238 χ^2/NDF : 731.5/9

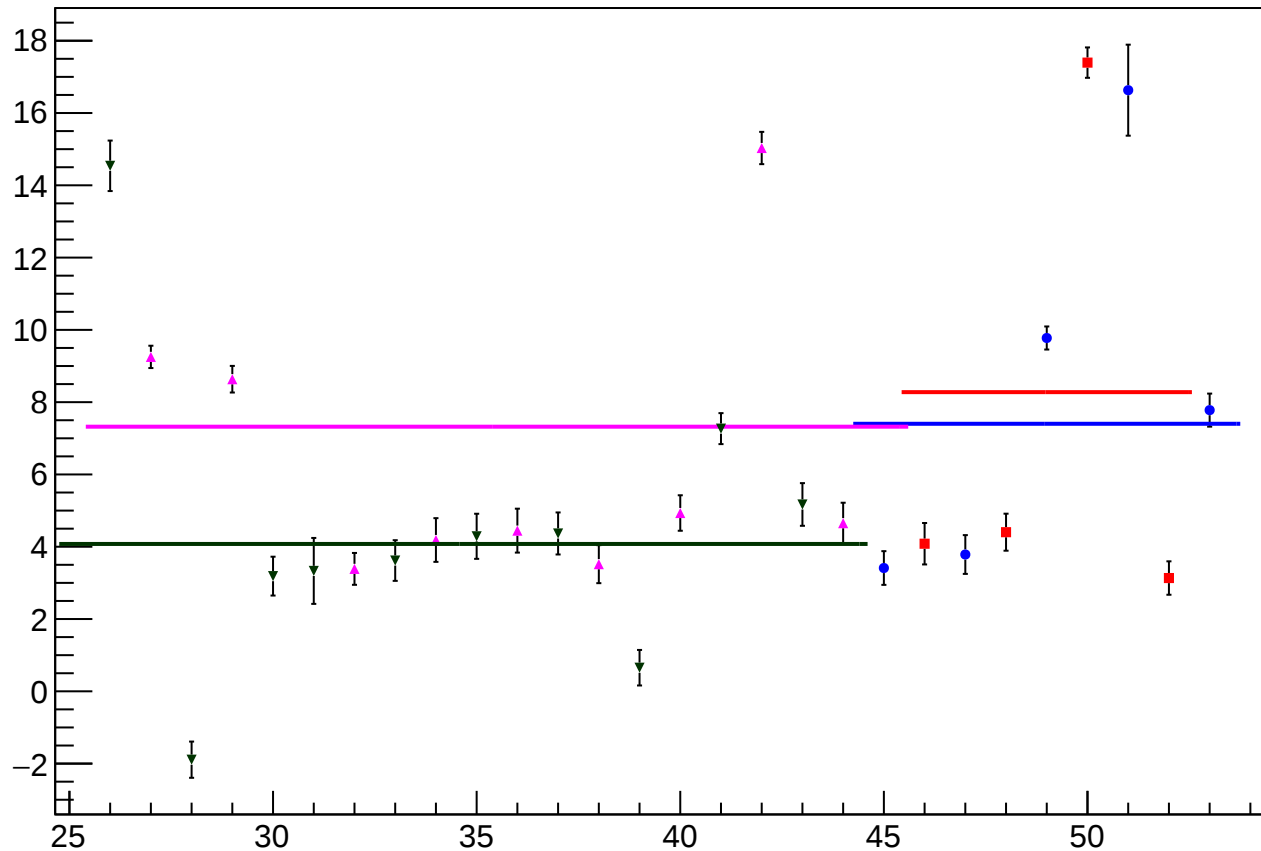
Right Out: 9.221 ± 0.318 χ^2/NDF : 203.7/3

Left In: 17.765 ± 0.209 χ^2/NDF : 1728.2/8

15.309 ± 0.178 χ^2/NDF : 1763.3/14

15.192 ± 0.175 χ^2/NDF : 2435.3/12

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 7.402 ± 0.207 χ^2/NDF : 228.4/4

Left Out: 4.077 ± 0.177 χ^2/NDF : 478.1/9

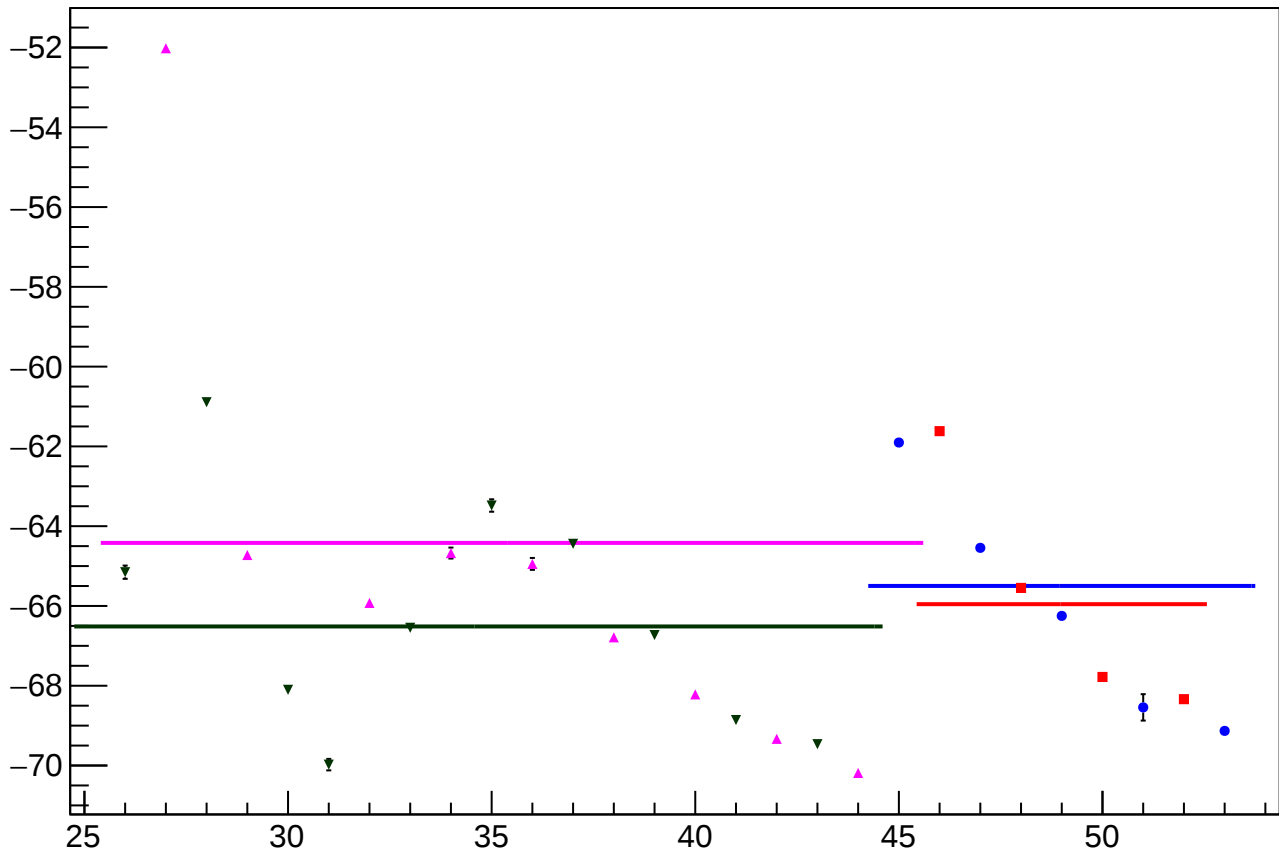
Right Out: 8.277 ± 0.241 χ^2/NDF : 705.0/3

Left In: 7.322 ± 0.150 χ^2/NDF : 577.2/8

5.482 ± 0.135 χ^2/NDF : 855.2/14

7.589 ± 0.127 χ^2/NDF : 1293.5/12

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -65.498 ± 0.049 χ^2/NDF : 2404.6/4

Left Out: -66.514 ± 0.039 χ^2/NDF : 4814.8/9

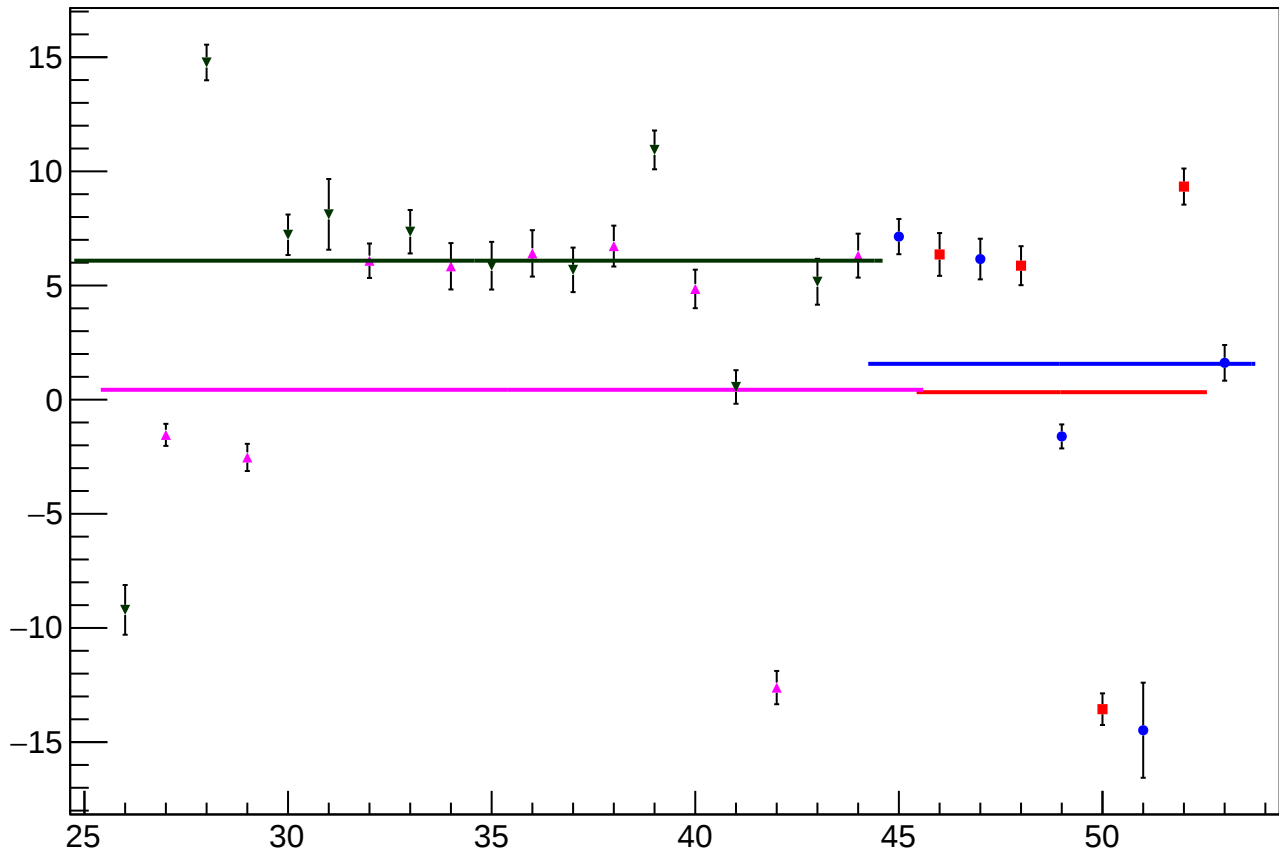
Right Out: -65.955 ± 0.056 χ^2/NDF : 2092.3/3

Left In: -64.419 ± 0.036 χ^2/NDF : 25022.3/8

-66.116 ± 0.031 χ^2/NDF : 7480.8/14

-64.869 ± 0.030 χ^2/NDF : 27644.7/12

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 1.569 ± 0.344 χ^2/NDF : 174.7/4

Left Out: 6.087 ± 0.295 χ^2/NDF : 416.6/9

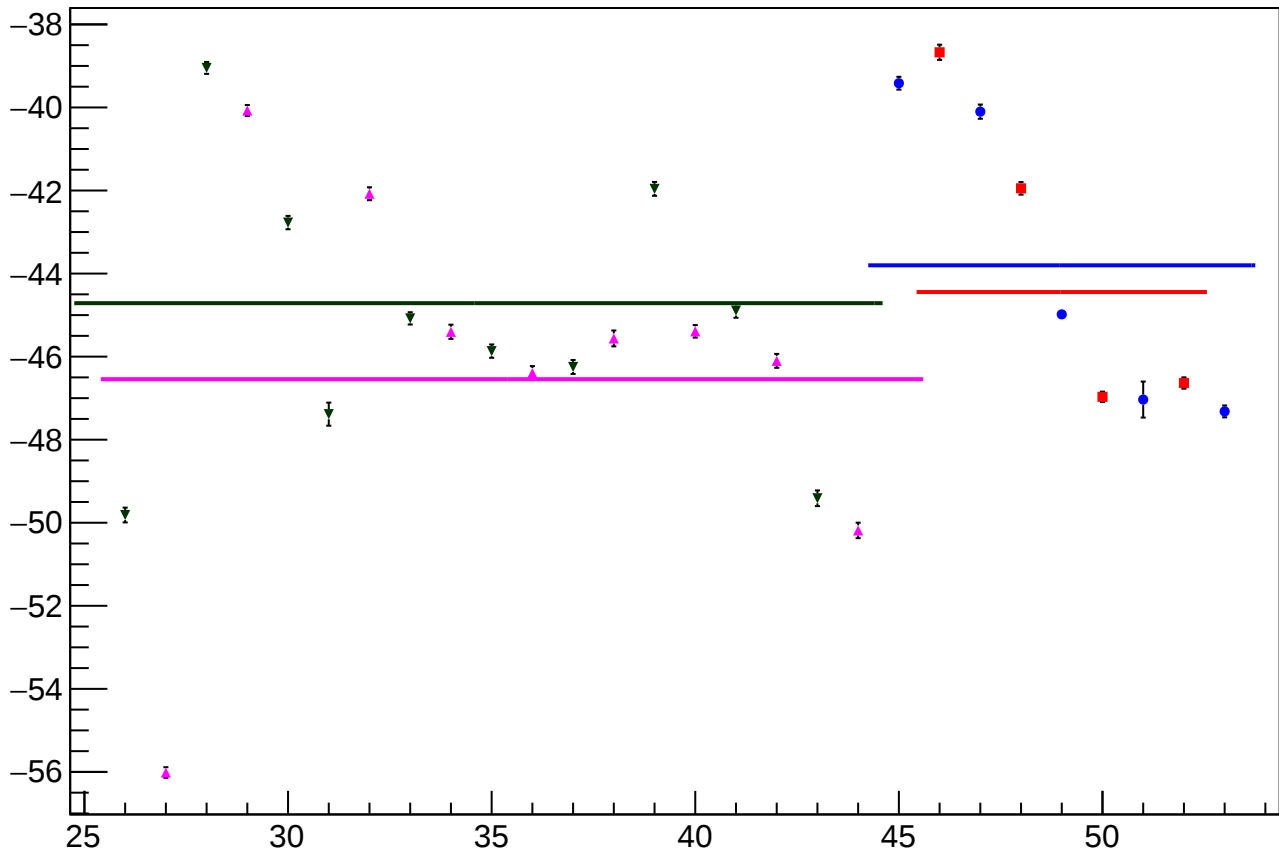
Right Out: 0.328 ± 0.402 χ^2/NDF : 614.1/3

Left In: 0.433 ± 0.247 χ^2/NDF : 594.7/8

4.174 ± 0.224 χ^2/NDF : 690.6/14

0.404 ± 0.210 χ^2/NDF : 1208.9/12

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.801 $\pm$ 0.066 χ^2/NDF : 2074.8/4

Left Out: -44.712 $\pm$ 0.054 χ^2/NDF : 3648.7/9

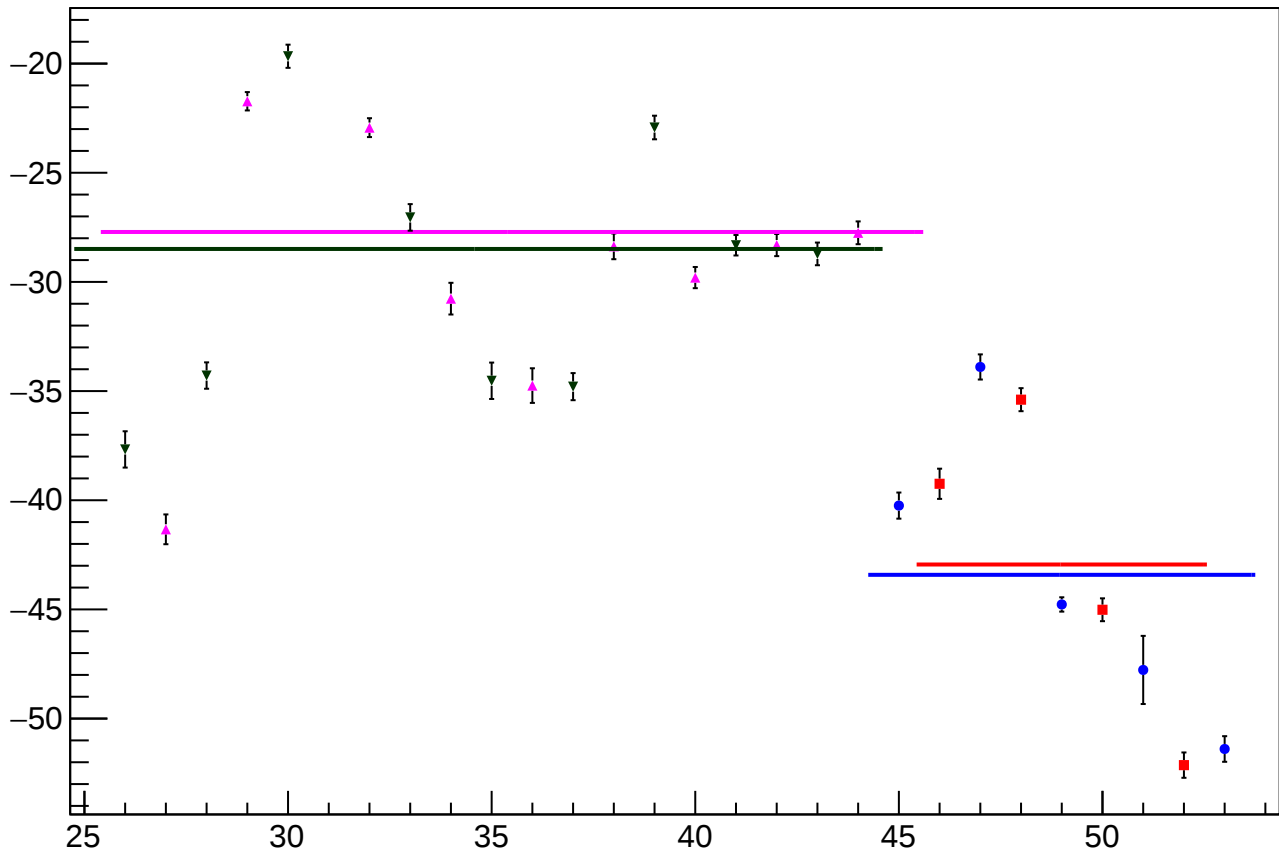
Right Out: -44.444 $\pm$ 0.072 χ^2/NDF : 1920.4/3

Left In: -46.543 $\pm$ 0.052 χ^2/NDF : 9214.1/8

-44.349 $\pm$ 0.042 χ^2/NDF : 5838.7/14

-45.821 $\pm$ 0.042 χ^2/NDF : 11684.6/12

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -43.416 $\pm$ 0.233 χ^2/NDF : 510.9/4

Left Out: -28.490 $\pm$ 0.195 χ^2/NDF : 758.4/8

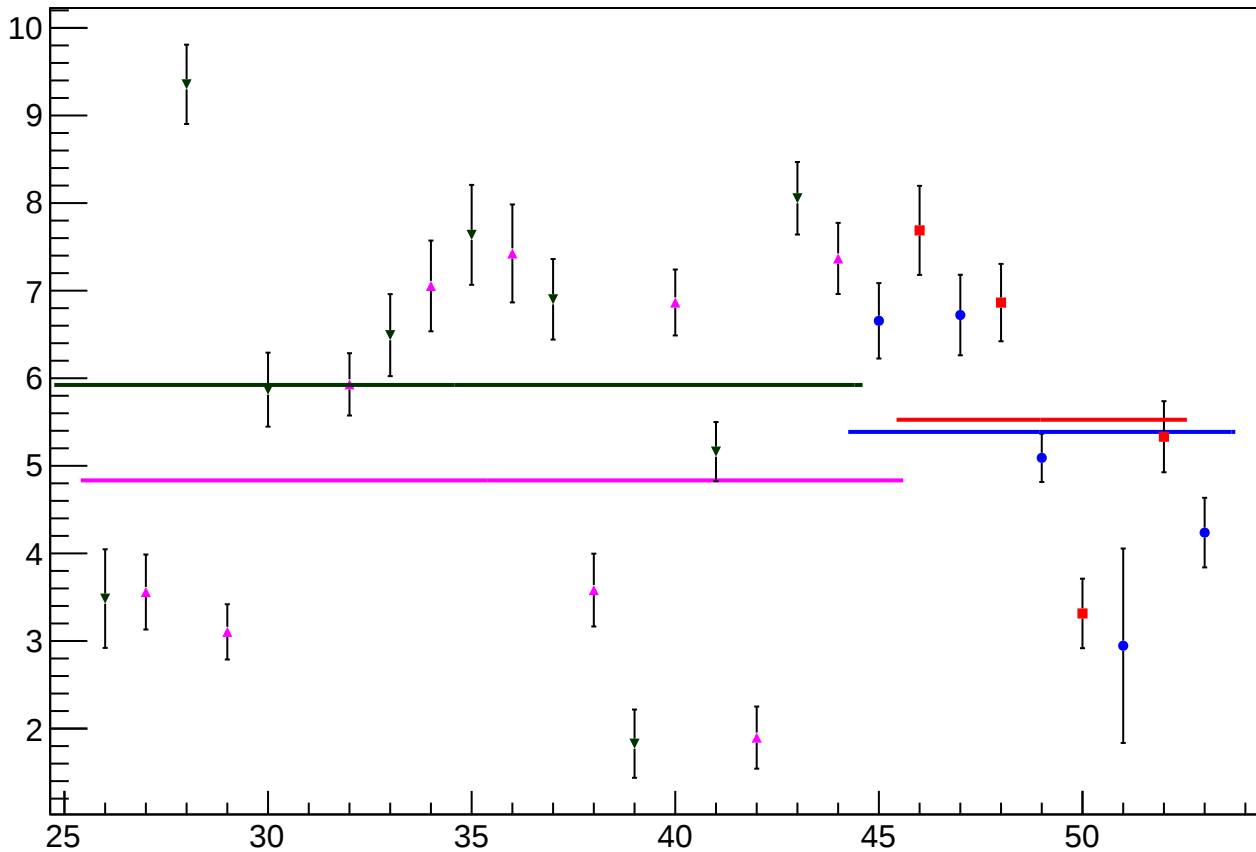
Right Out: -42.943 $\pm$ 0.285 χ^2/NDF : 499.9/3

Left In: -27.713 $\pm$ 0.179 χ^2/NDF : 841.0/8

-34.652 $\pm$ 0.150 χ^2/NDF : 3676.1/13

-32.006 $\pm$ 0.151 χ^2/NDF : 3390.4/12

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.387 ± 0.181 χ^2/NDF : 31.5/4

Left Out: 5.923 ± 0.146 χ^2/NDF : 233.4/8

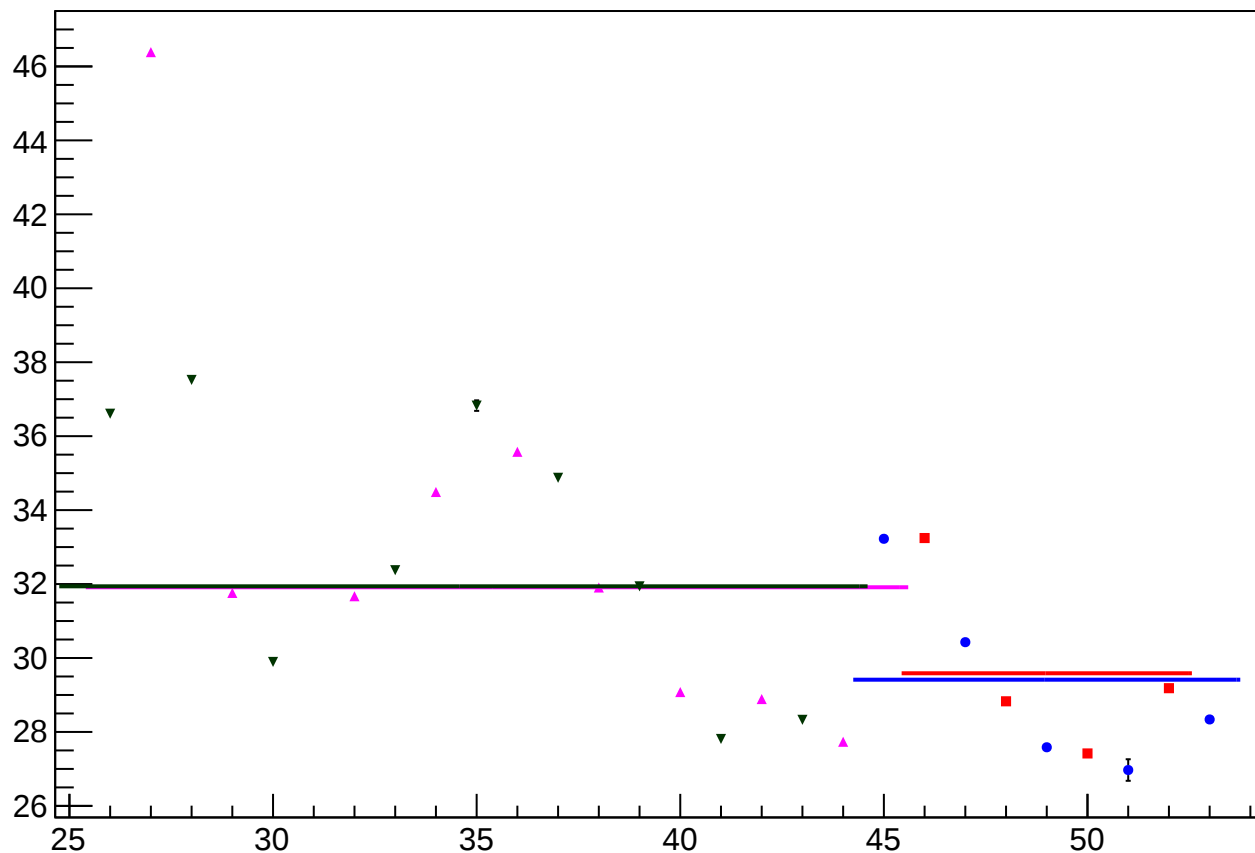
Right Out: 5.526 ± 0.216 χ^2/NDF : 58.6/3

Left In: 4.834 ± 0.132 χ^2/NDF : 234.0/8

5.713 ± 0.114 χ^2/NDF : 270.2/13

5.022 ± 0.113 χ^2/NDF : 300.0/12

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.413 ± 0.043 χ^2/NDF : 2625.6/4

Left Out: 31.939 ± 0.033 χ^2/NDF : 10847.9/8

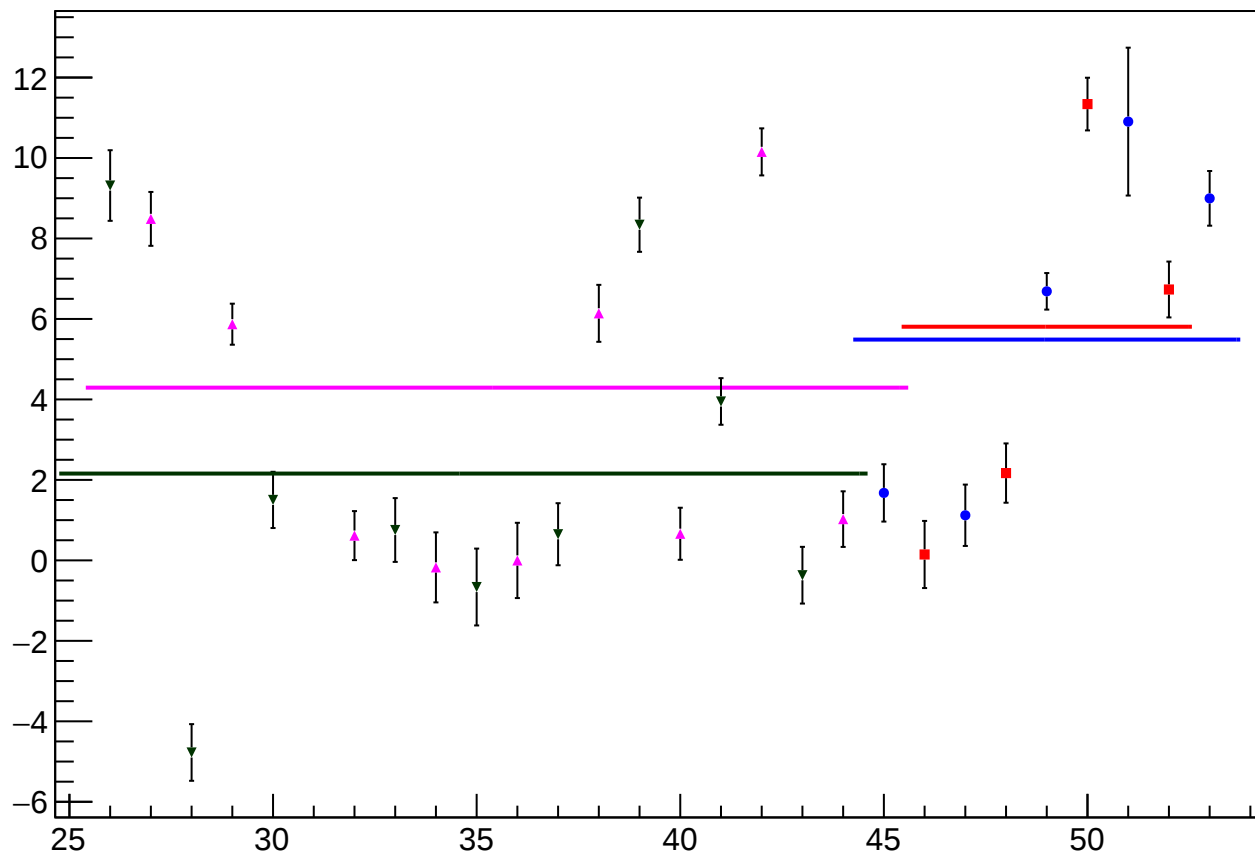
Right Out: 29.587 ± 0.050 χ^2/NDF : 1779.3/3

Left In: 31.913 ± 0.031 χ^2/NDF : 20133.4/8

31.016 ± 0.026 χ^2/NDF : 15667.5/13

31.281 ± 0.026 χ^2/NDF : 23487.5/12

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 5.487 ± 0.302 χ^2/NDF : 103.7/4

Left Out: 2.158 ± 0.243 χ^2/NDF : 286.7/8

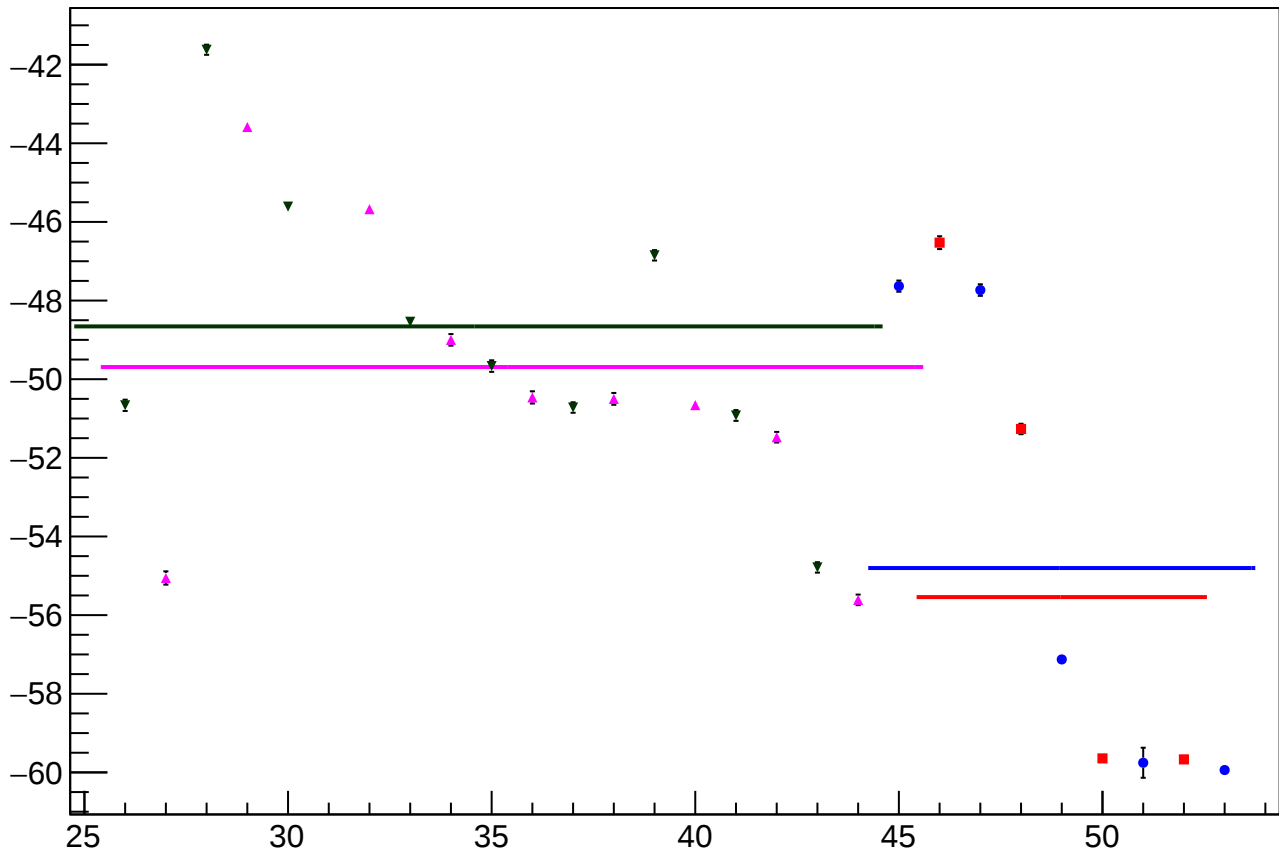
Right Out: 5.807 ± 0.361 χ^2/NDF : 143.6/3

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

3.469 ± 0.189 χ^2/NDF : 464.3/13

4.704 ± 0.188 χ^2/NDF : 450.2/12

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -54.802 ± 0.058 χ^2/NDF : 7462.8/4

Left Out: -48.657 ± 0.044 χ^2/NDF : 6659.9/8

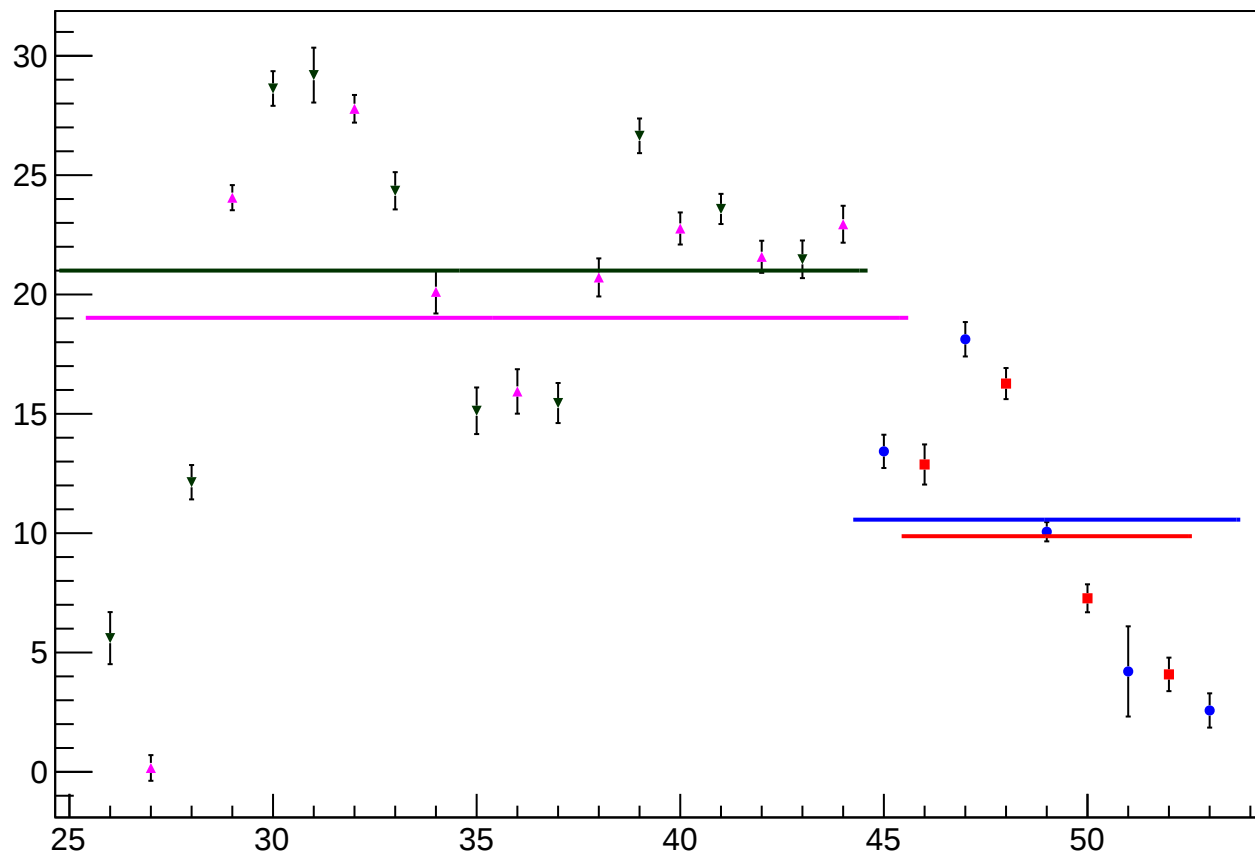
Right Out: -55.542 ± 0.065 χ^2/NDF : 6474.2/3

Left In: -49.690 ± 0.045 χ^2/NDF : 7146.4/8

-50.944 ± 0.035 χ^2/NDF : 21252.6/13

-51.585 ± 0.037 χ^2/NDF : 19069.3/12

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 10.566+/-0.284 χ^2/NDF : 263.7/4

Left Out: 21.002+/-0.254 χ^2/NDF : 688.1/9

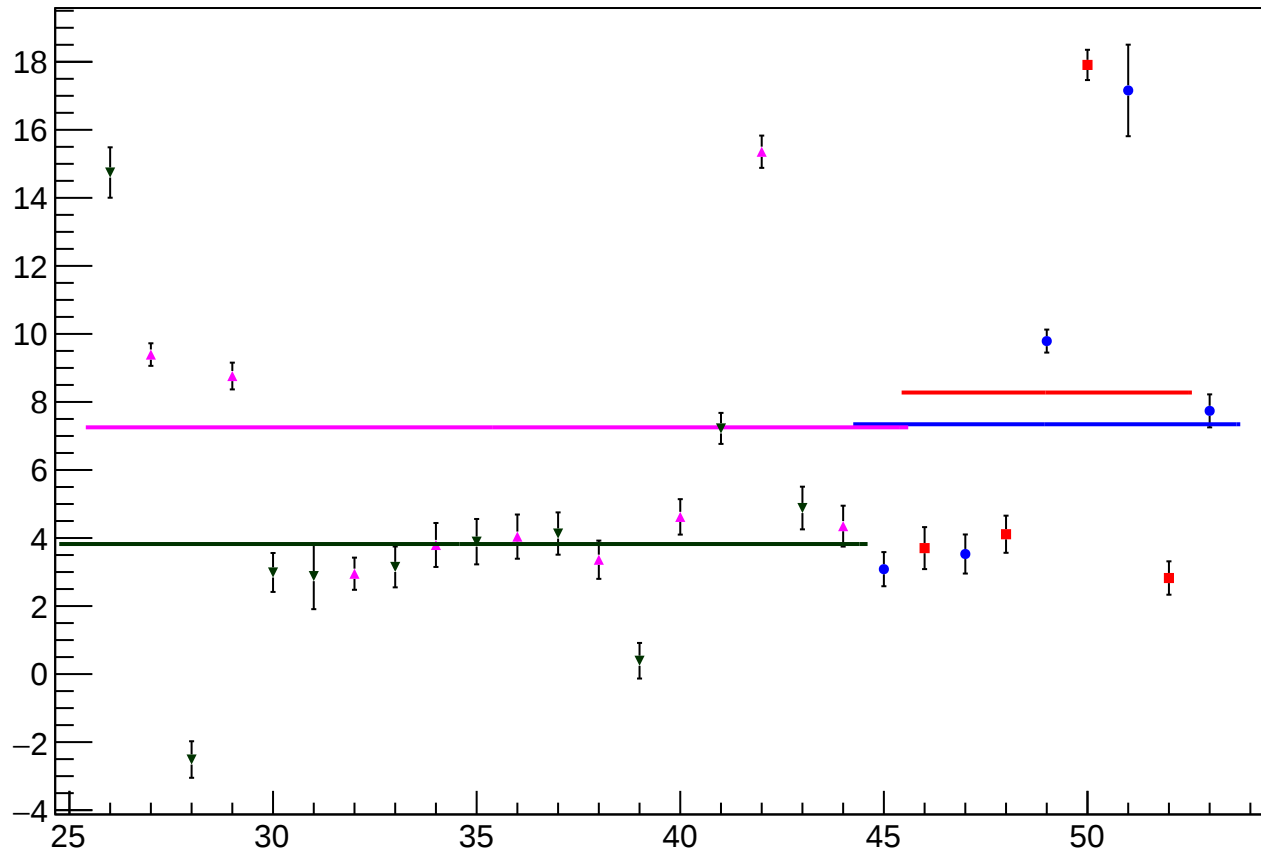
Right Out: 9.873+/-0.339 χ^2/NDF : 196.9/3

Left In: 19.023+/-0.223 χ^2/NDF : 1636.4/8

16.380+/-0.189 χ^2/NDF : 1701.7/14

16.254+/-0.186 χ^2/NDF : 2341.9/12

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 7.344+/-0.221 χ^2/NDF : 222.3/4

Left Out: 3.824+/-0.189 χ^2/NDF : 462.2/9

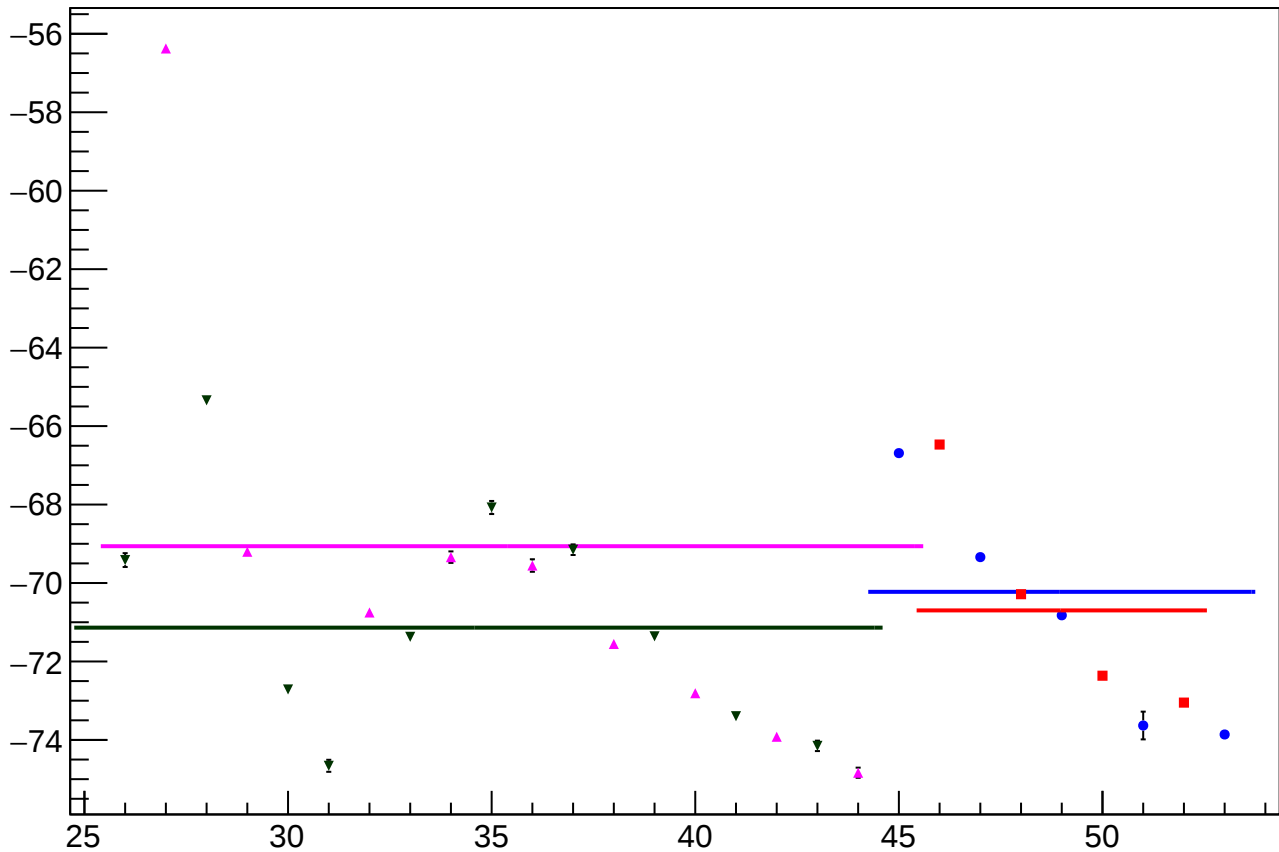
5.313+/-0.144 χ^2/NDF : 831.4/14

Right Out: 8.277+/-0.257 χ^2/NDF : 704.9/3

7.541+/-0.136 χ^2/NDF : 1296.9/12

Left In: 7.254+/-0.160 χ^2/NDF : 580.6/8

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -70.225 ± 0.052 χ^2/NDF : 2051.8/4

Left Out: -71.138 ± 0.042 χ^2/NDF : 4371.0/9

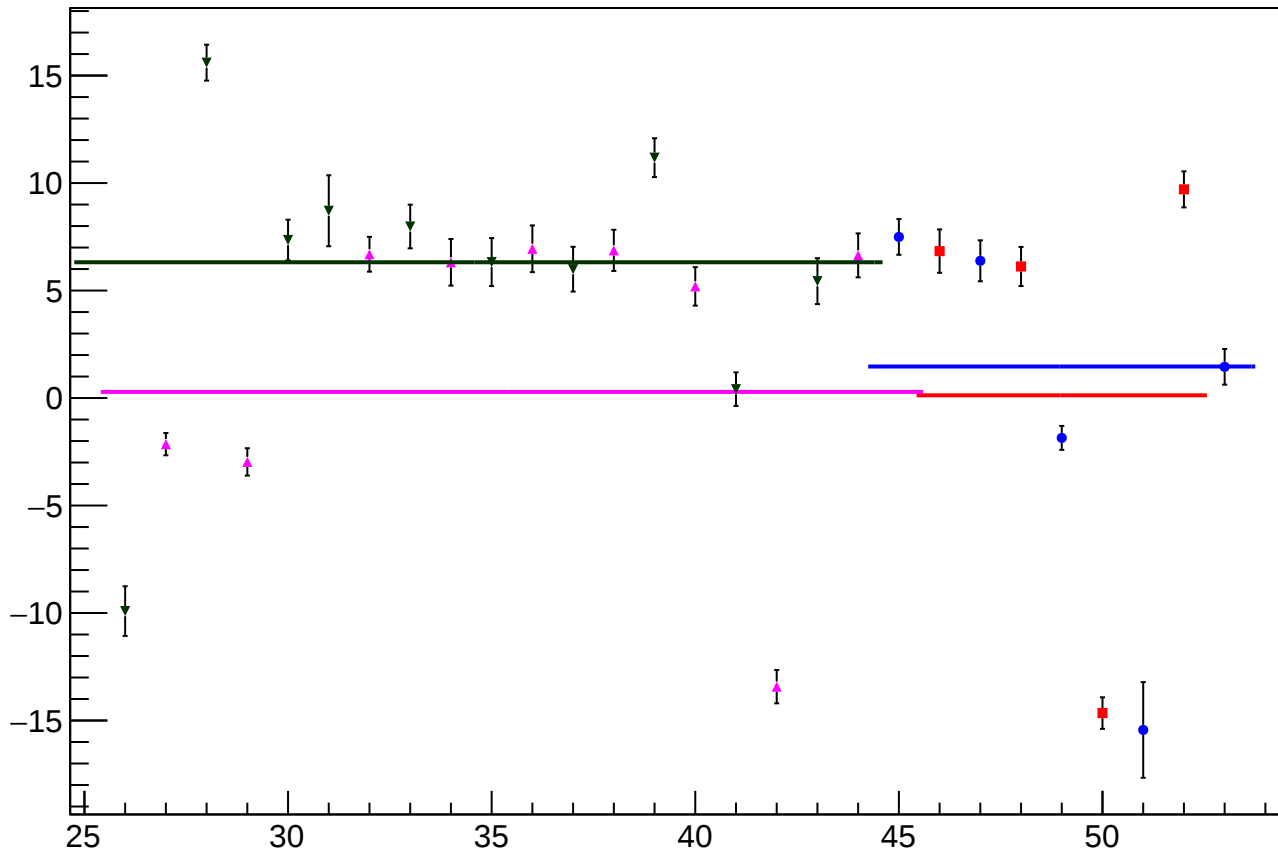
Right Out: -70.698 ± 0.060 χ^2/NDF : 1713.5/3

Left In: -69.062 ± 0.039 χ^2/NDF : 22618.3/8

-70.780 ± 0.033 χ^2/NDF : 6608.4/14

-69.542 ± 0.032 χ^2/NDF : 24861.6/12

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 1.466 ± 0.367 χ^2/NDF : 172.5/4

Left Out: 6.316 ± 0.315 χ^2/NDF : 413.3/9

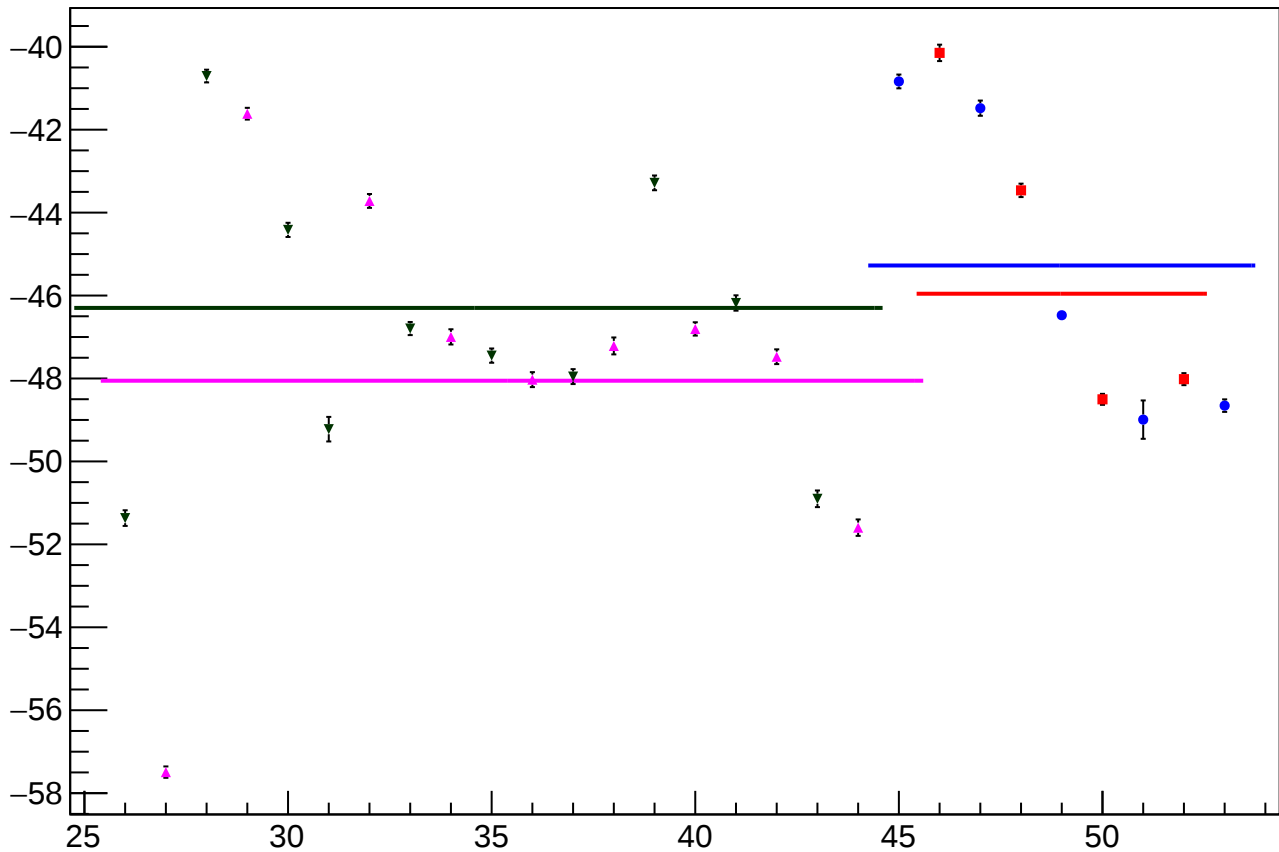
Right Out: 0.127 ± 0.428 χ^2/NDF : 623.0/3

Left In: 0.285 ± 0.264 χ^2/NDF : 608.0/8

4.259 ± 0.239 χ^2/NDF : 686.5/14

0.242 ± 0.224 χ^2/NDF : 1231.2/12

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.275 $\pm$ 0.070 χ^2/NDF : 1831.5/4

Left Out: -46.298 $\pm$ 0.057 χ^2/NDF : 3214.3/9

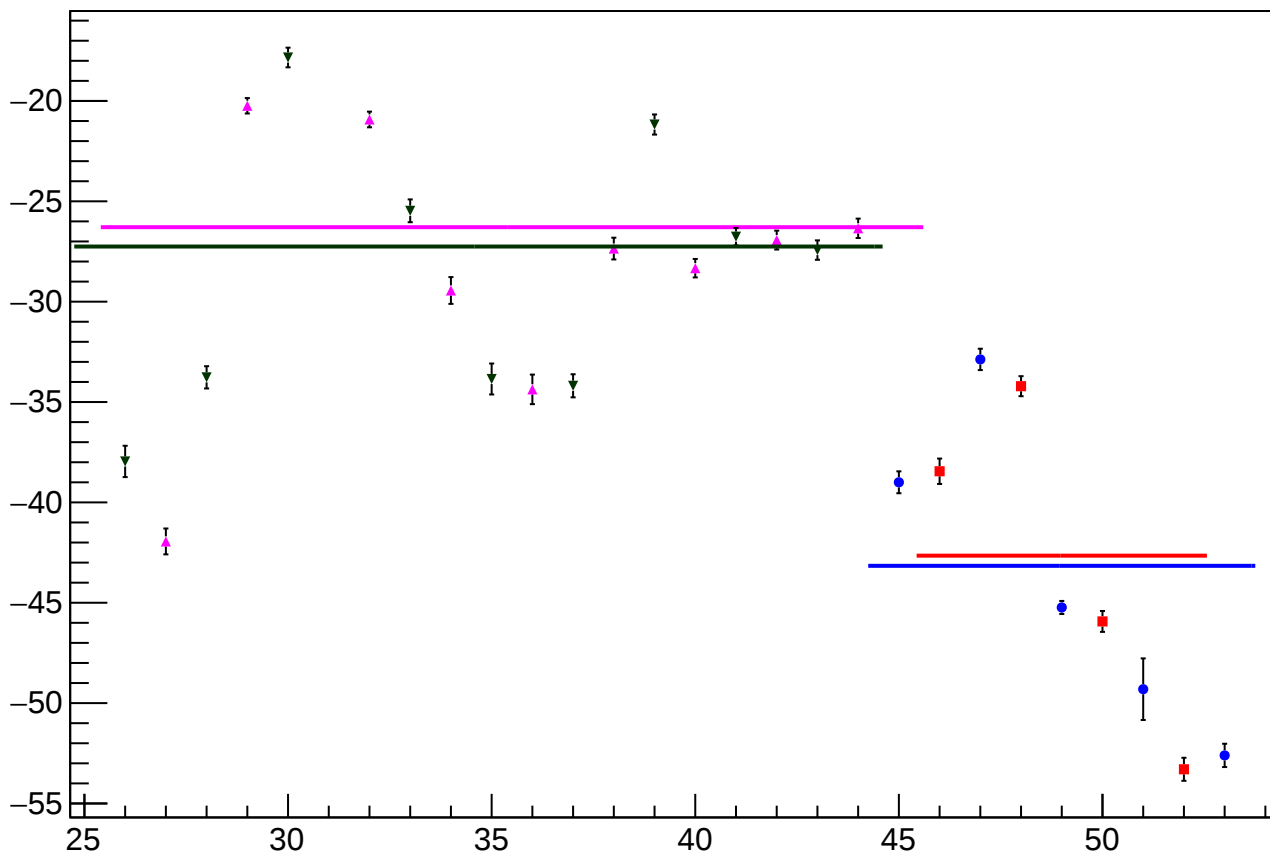
Right Out: -45.956 $\pm$ 0.077 χ^2/NDF : 1670.3/3

Left In: -48.054 $\pm$ 0.056 χ^2/NDF : 7913.0/8

-45.889 $\pm$ 0.044 χ^2/NDF : 5173.7/14

-47.329 $\pm$ 0.045 χ^2/NDF : 10068.1/12

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -43.160 $\pm$ 0.225 χ^2 /NDF: 753.3/4

Left Out: -27.253 $\pm$ 0.181 χ^2 /NDF:1073.0/8

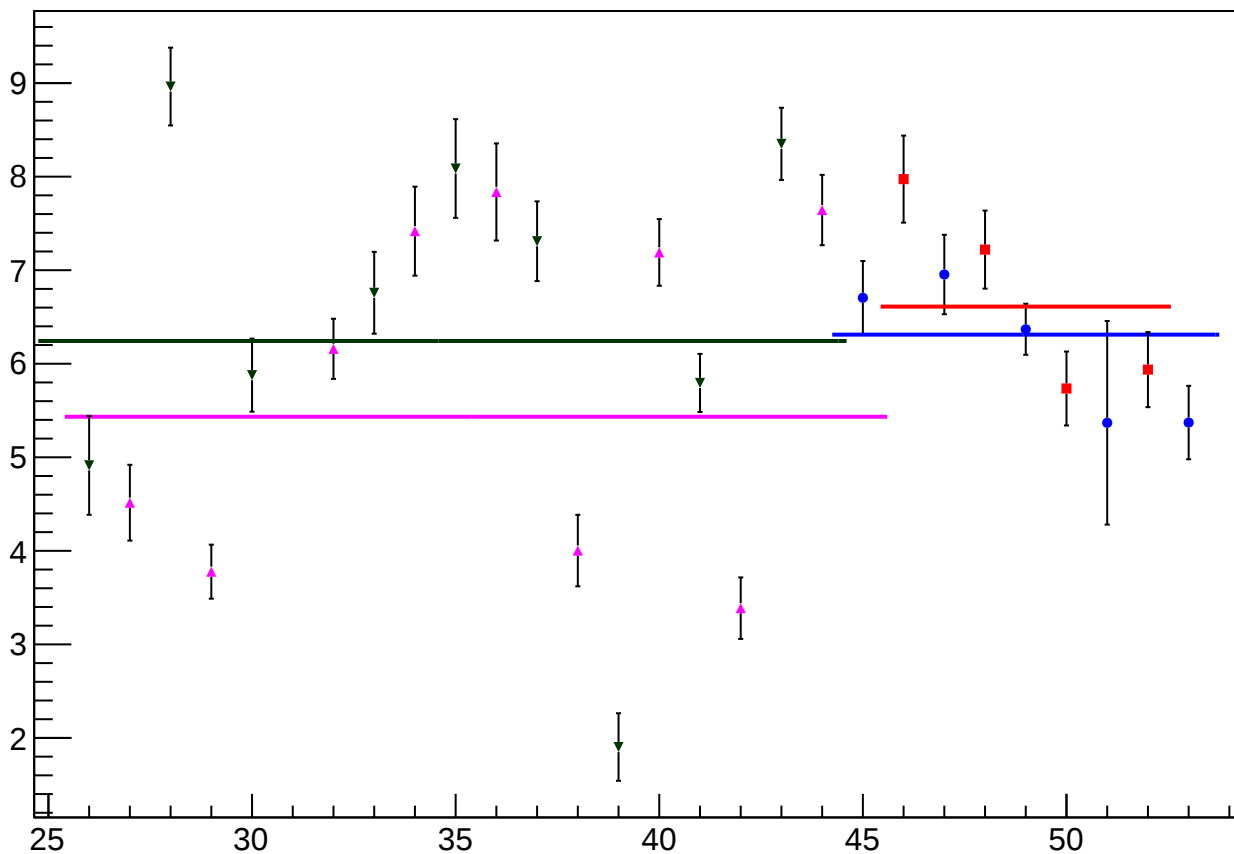
Right Out: -42.654 $\pm$ 0.275 χ^2 /NDF: 714.2/3

Left In: -26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-33.505 $\pm$ 0.141 χ^2 /NDF: 4861.3/13

-30.622 $\pm$ 0.141 χ^2 /NDF: 4514.7/12

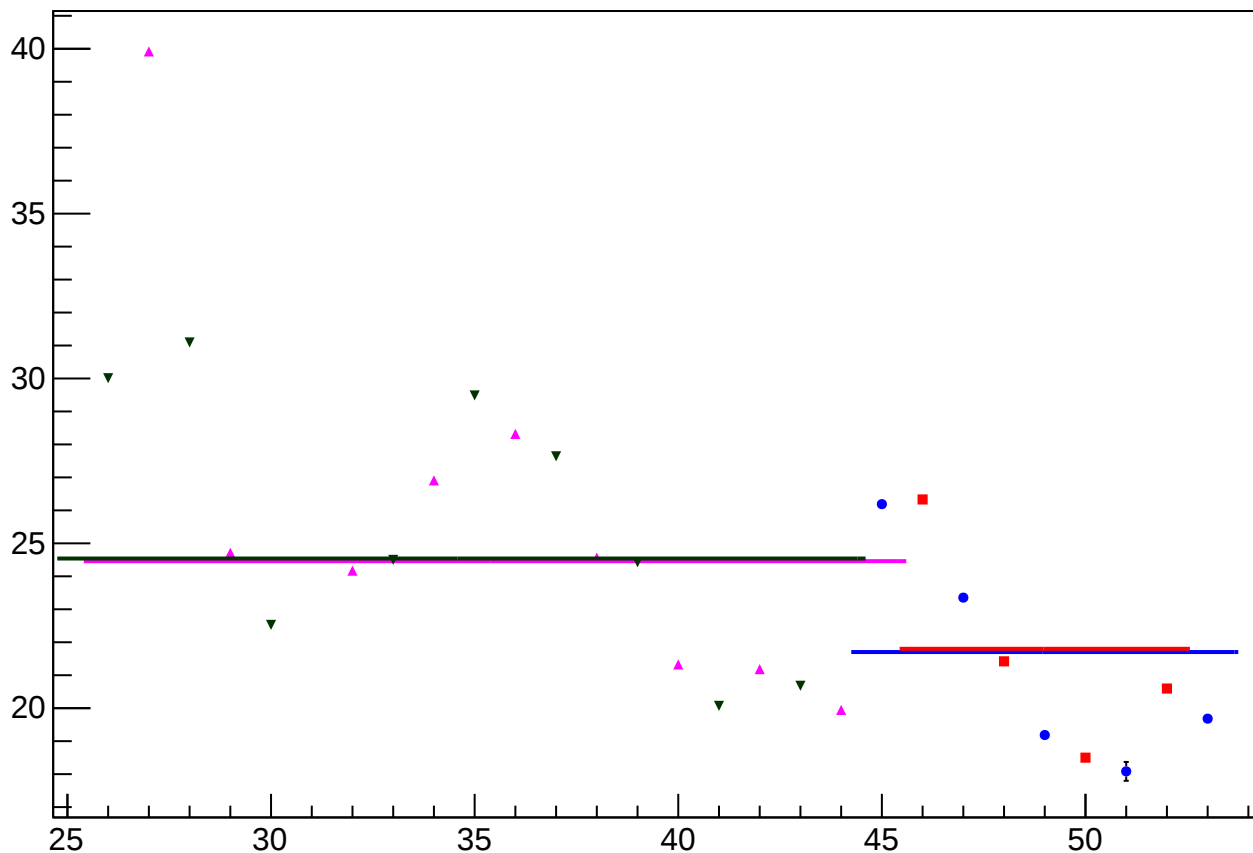
reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.311 ± 0.175 χ^2/NDF : 9.8/4
 Left Out: 6.243 ± 0.135 χ^2/NDF : 246.4/8
 Right Out: 6.611 ± 0.209 χ^2/NDF : 18.4/3
 Left In: 5.433 ± 0.122 χ^2/NDF : 193.5/8

6.268 ± 0.107 χ^2/NDF : 256.3/13
 5.734 ± 0.105 χ^2/NDF : 235.7/12

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 21.703 $\pm$ 0.041 χ^2/NDF : 4981.2/4

Left Out: 24.539 $\pm$ 0.030 χ^2/NDF : 15395.0/8

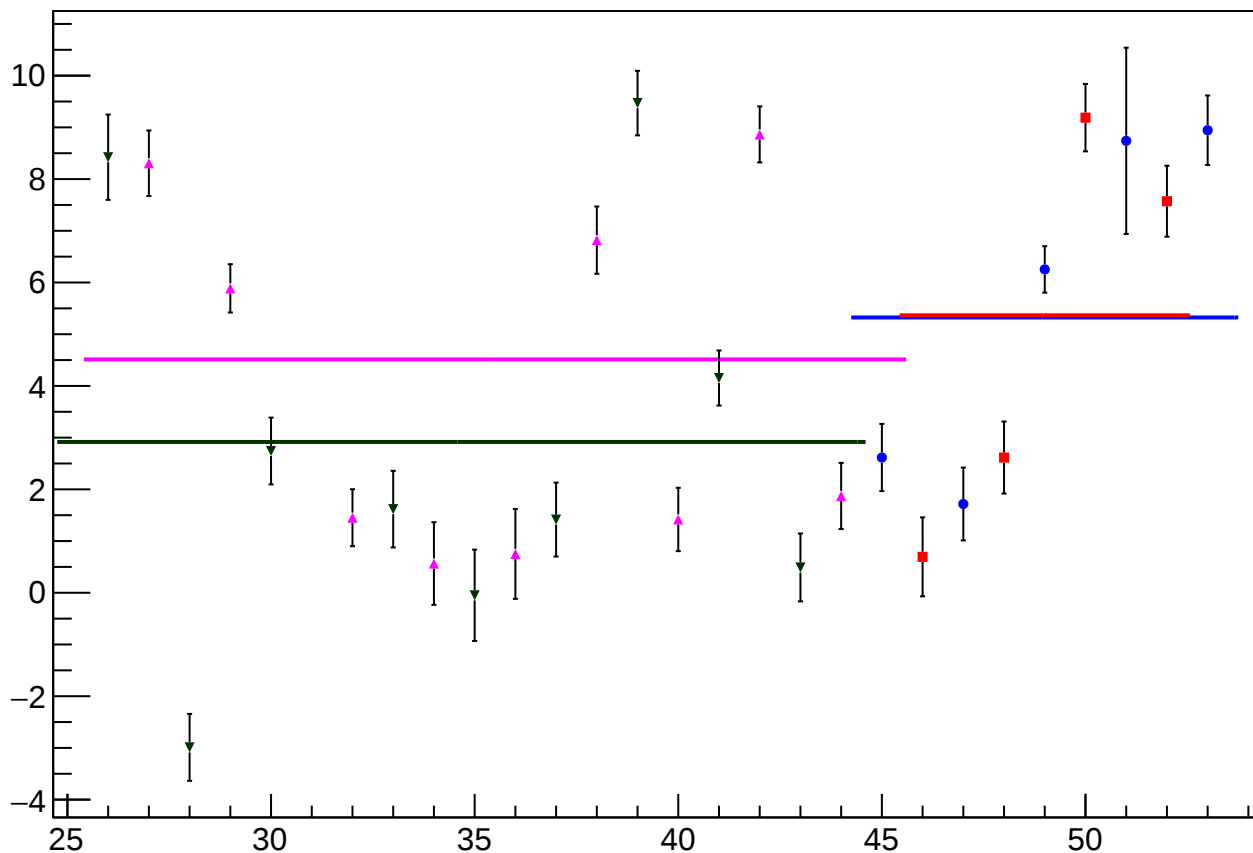
Right Out: 21.801 $\pm$ 0.048 χ^2/NDF : 3517.3/3

Left In: 24.459 $\pm$ 0.028 χ^2/NDF : 26092.7/8

23.549 $\pm$ 0.024 χ^2/NDF : 23465.1/13

23.777 $\pm$ 0.024 χ^2/NDF : 31892.7/12

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 5.324 $\pm$ 0.290 χ^2 /NDF: 80.5/4

Left Out: 2.917 $\pm$ 0.225 χ^2 /NDF: 276.0/8

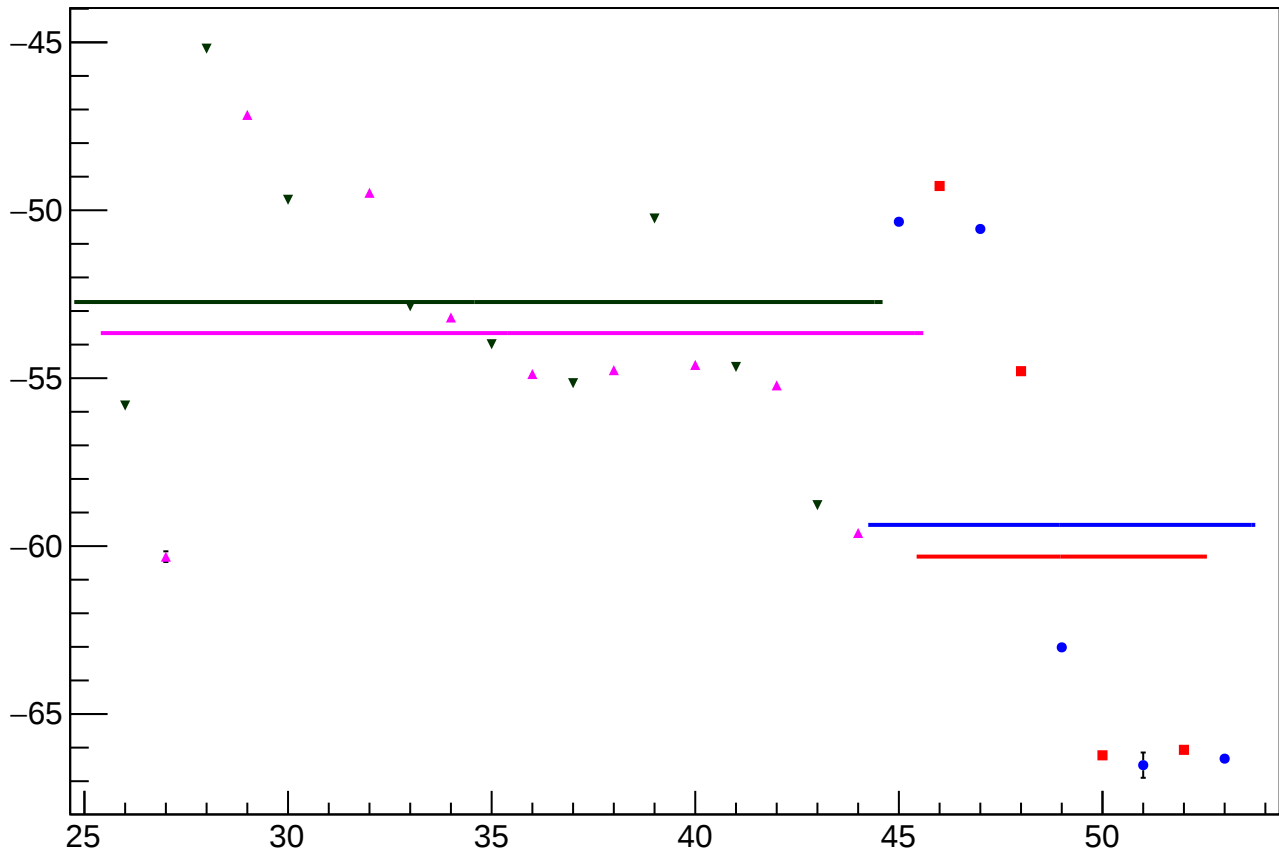
Right Out: 5.366 $\pm$ 0.348 χ^2 /NDF: 97.8/3

Left In: 4.513 $\pm$ 0.204 χ^2 /NDF: 238.0/8

3.820 $\pm$ 0.178 χ^2 /NDF: 399.4/13

4.730 $\pm$ 0.176 χ^2 /NDF: 340.2/12

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -59.368 ± 0.056 χ^2/NDF : 14439.5/4

Left Out: -52.733 ± 0.041 χ^2/NDF : 8744.9/8

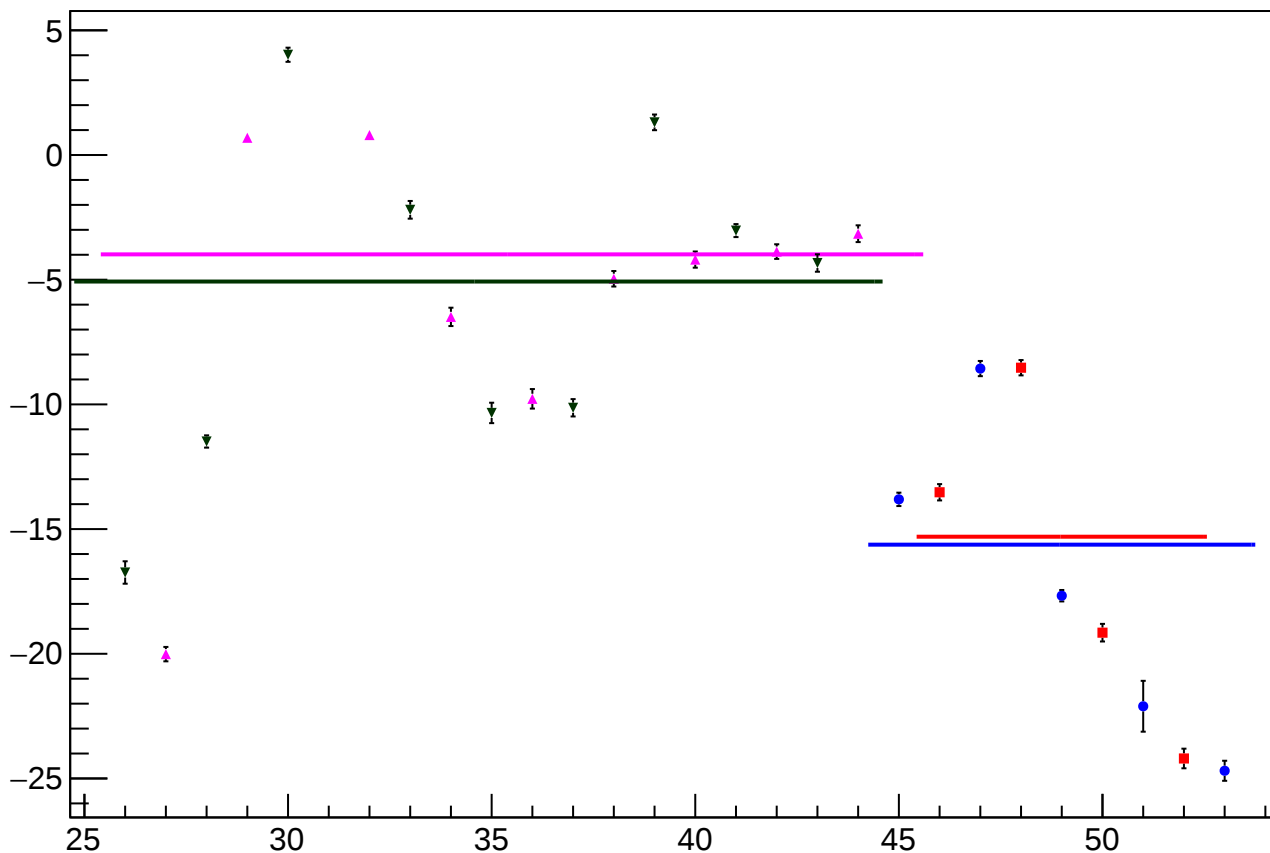
Right Out: -60.312 ± 0.063 χ^2/NDF : 12226.4/3

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-55.085 ± 0.033 χ^2/NDF : 32361.6/13

-55.679 ± 0.035 χ^2/NDF : 29526.4/12

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -15.624+/-0.140 χ^2/NDF : 1211.1/4

Left Out: -5.073+/-0.106 χ^2/NDF : 3297.3/8

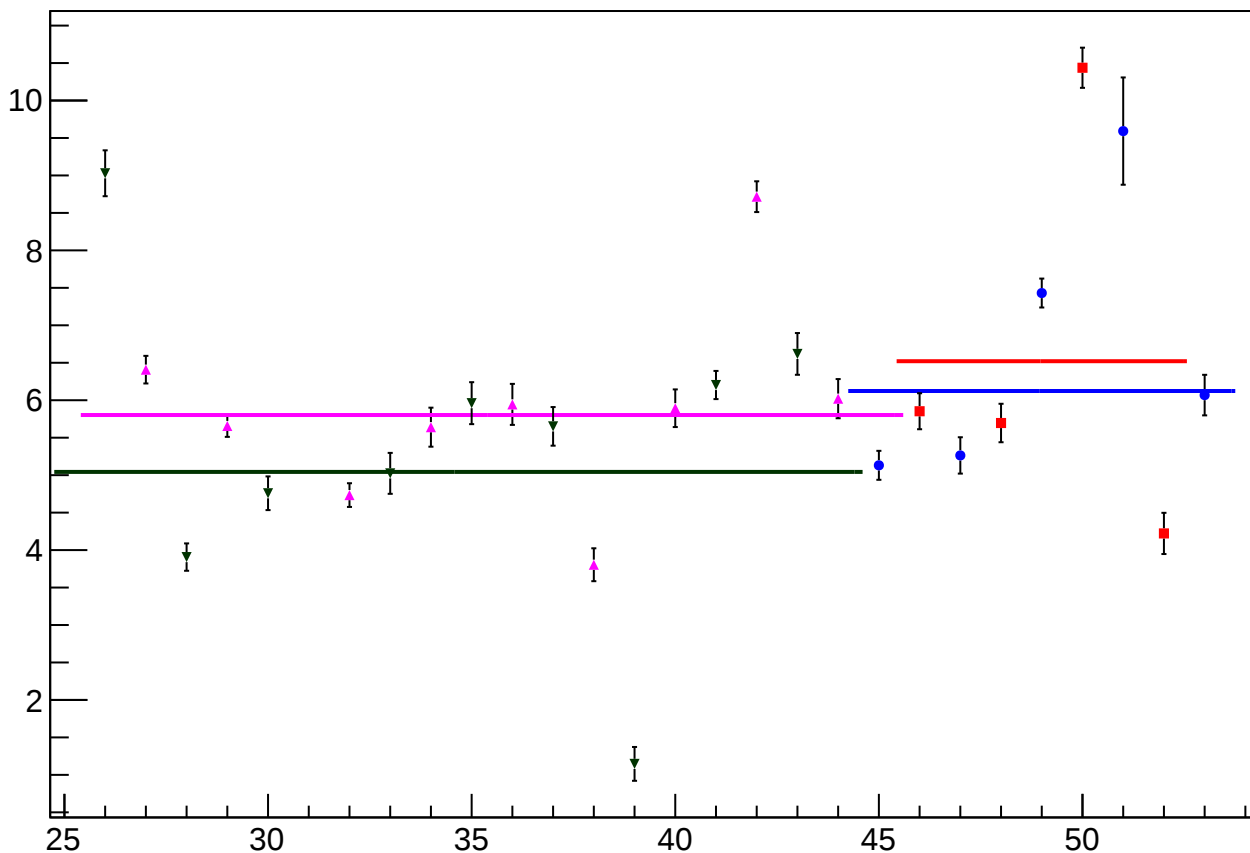
Right Out: -15.306+/-0.171 χ^2/NDF : 1144.7/3

Left In: -3.984+/-0.091 χ^2/NDF : 4557.3/8

-8.906+/-0.085 χ^2/NDF : 8106.7/13

-6.515+/-0.081 χ^2/NDF : 9124.9/12

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 6.123+/-0.108 χ^2/NDF : 108.3/4

Left Out: 5.043+/-0.078 χ^2/NDF : 594.0/8

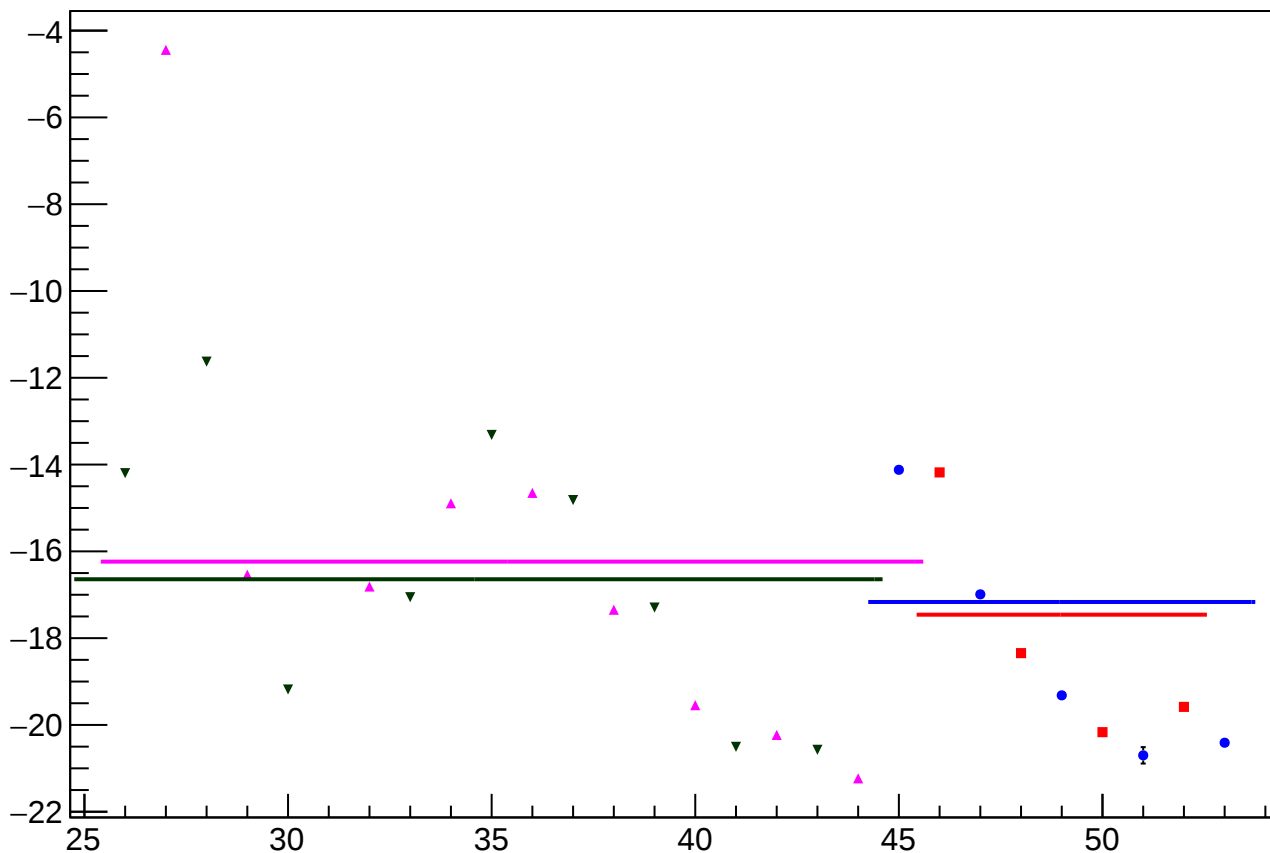
Right Out: 6.521+/-0.129 χ^2/NDF : 301.4/3

Left In: 5.803+/-0.067 χ^2/NDF : 343.0/8

5.418+/-0.063 χ^2/NDF : 768.0/13

5.956+/-0.060 χ^2/NDF : 668.6/12

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -17.166 ± 0.025 $\chi^2/\text{NDF}: 9625.8/4$

Left Out: -16.643 ± 0.018 $\chi^2/\text{NDF}: 32975.5/8$

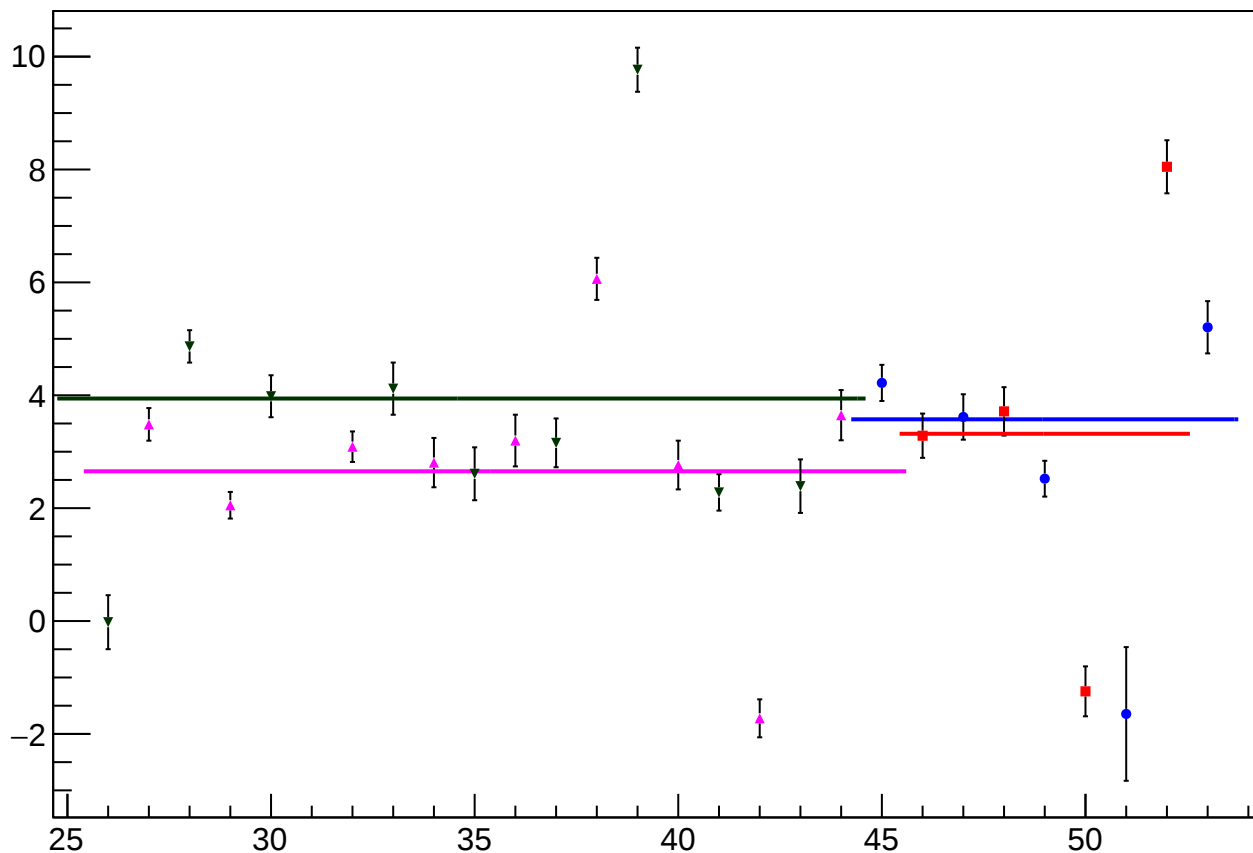
Right Out: -17.459 ± 0.029 $\chi^2/\text{NDF}: 7226.8/3$

Left In: -16.237 ± 0.016 $\chi^2/\text{NDF}: 73670.4/8$

-16.818 ± 0.014 $\chi^2/\text{NDF}: 42893.9/13$

-16.506 ± 0.014 $\chi^2/\text{NDF}: 82261.0/12$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.574 ± 0.179 χ^2/NDF : 46.9/4

Left Out: 3.942 ± 0.130 χ^2/NDF : 350.2/8

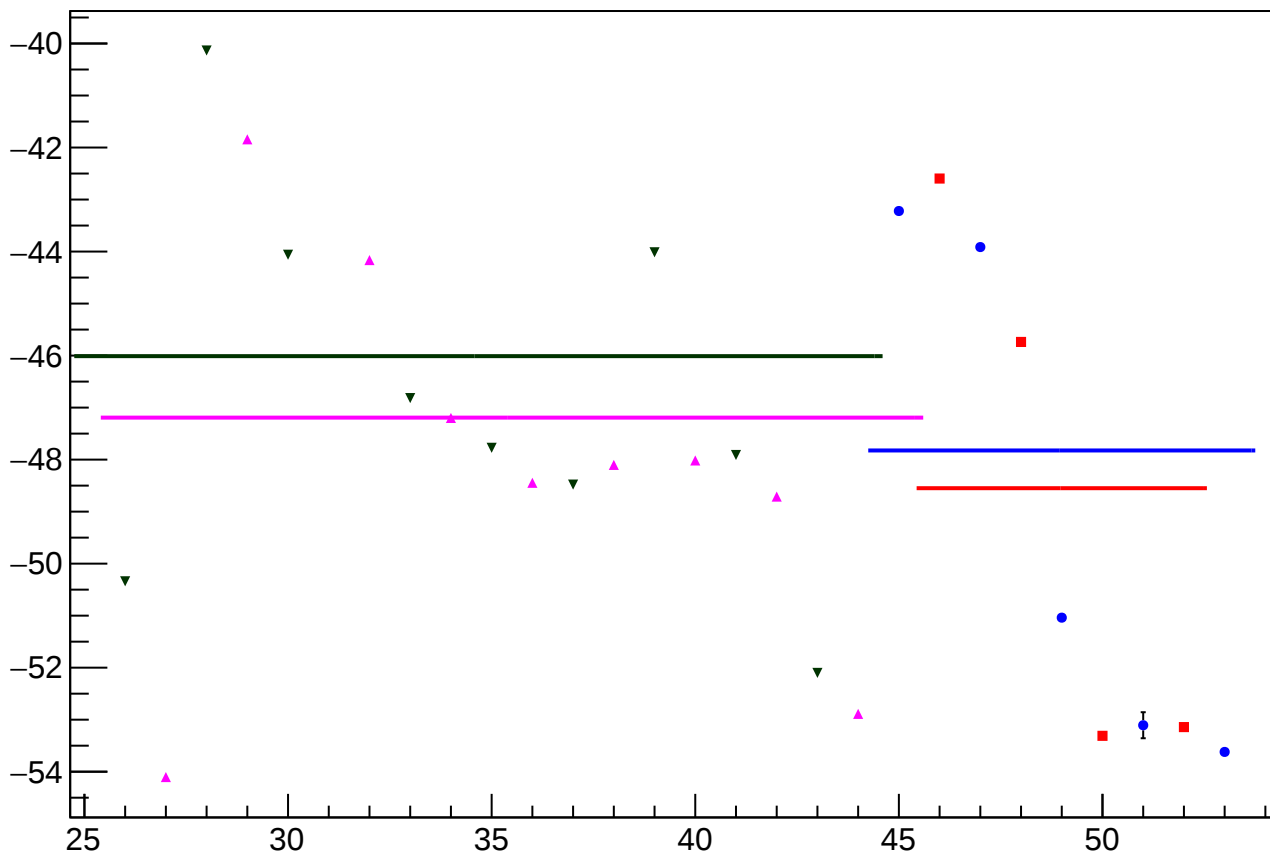
Right Out: 3.318 ± 0.215 χ^2/NDF : 208.5/3

Left In: 2.653 ± 0.112 χ^2/NDF : 276.7/8

3.815 ± 0.105 χ^2/NDF : 399.9/13

2.794 ± 0.099 χ^2/NDF : 492.7/12

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.824 $\pm$ 0.035 χ^2 /NDF: 15627.3/4

Left Out: -46.011 $\pm$ 0.024 χ^2 /NDF: 23317.4/8

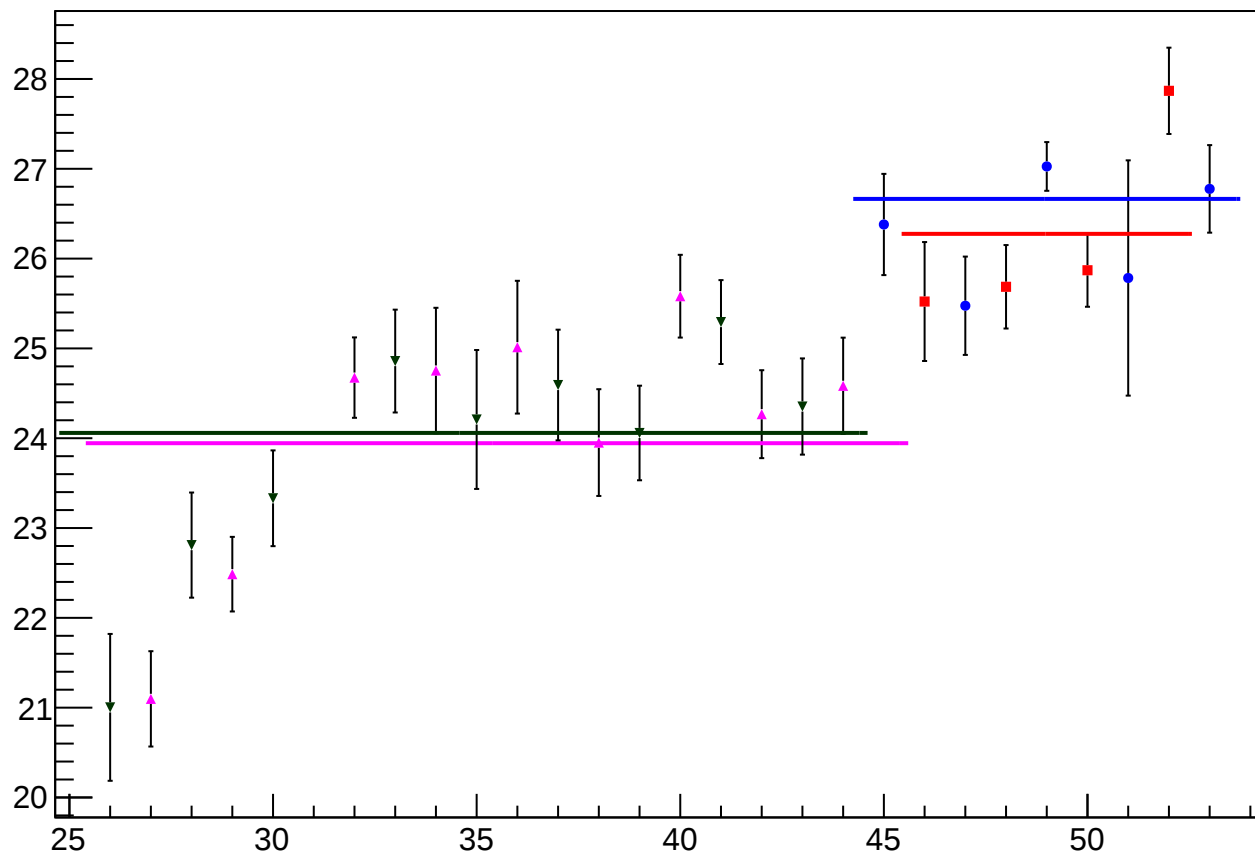
Right Out: -48.549 $\pm$ 0.040 χ^2 /NDF: 13939.7/3

Left In: -47.193 $\pm$ 0.023 χ^2 /NDF: 27380.9/8

-46.603 $\pm$ 0.020 χ^2 /NDF: 40798.8/13

-47.541 $\pm$ 0.020 χ^2 /NDF: 42185.8/12

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.665 $\pm$ 0.201 χ^2/NDF : 7.3/4

Left Out: 24.059 $\pm$ 0.193 χ^2/NDF :30.4/8

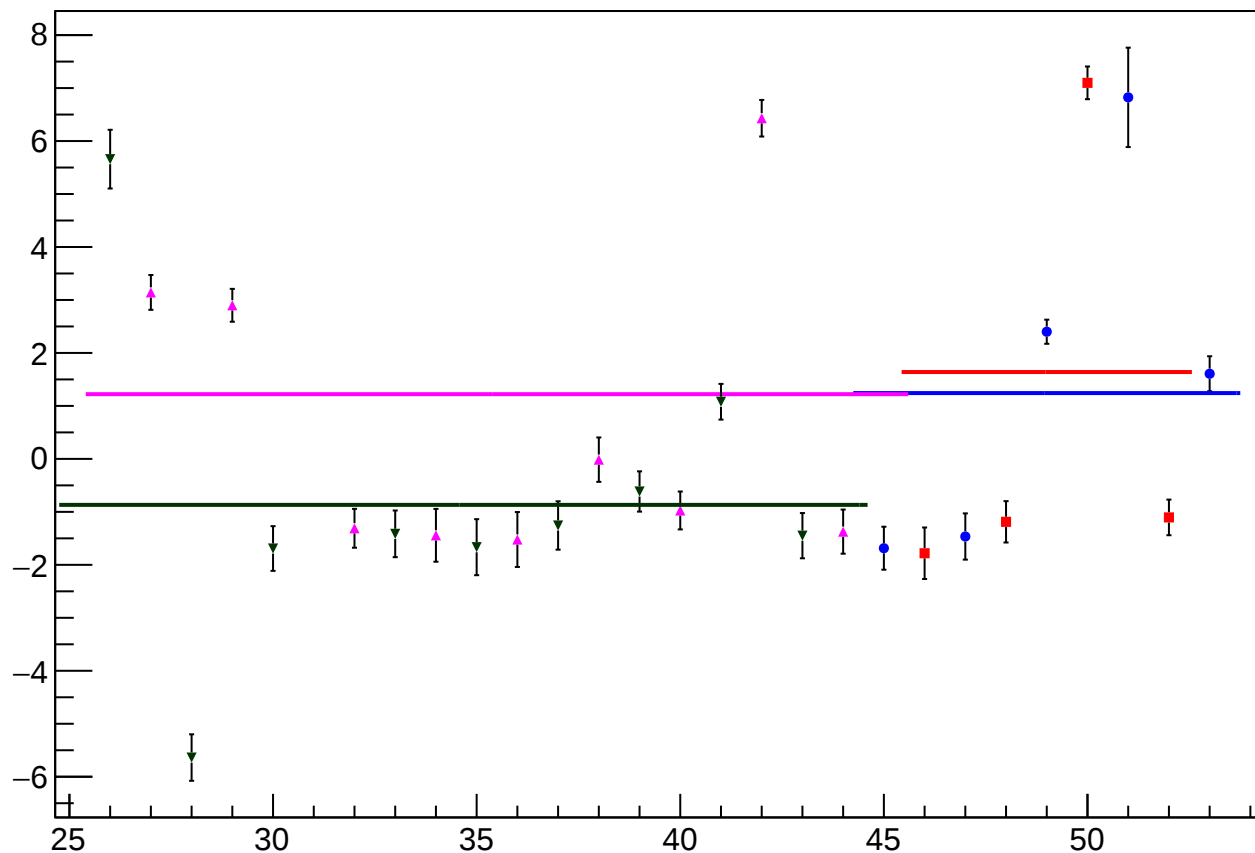
Right Out: 26.276 $\pm$ 0.240 χ^2/NDF : 14.9/3

Left In: 23.945 $\pm$ 0.173 χ^2/NDF :61.7/8

25.309 $\pm$ 0.139 χ^2/NDF : 125.5/13

24.740 $\pm$ 0.140 χ^2/NDF : 138.5/12

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 1.242 $\pm$ 0.156 χ^2/NDF : 153.1/4

Left Out: -0.868 $\pm$ 0.143 χ^2/NDF :300.9/8

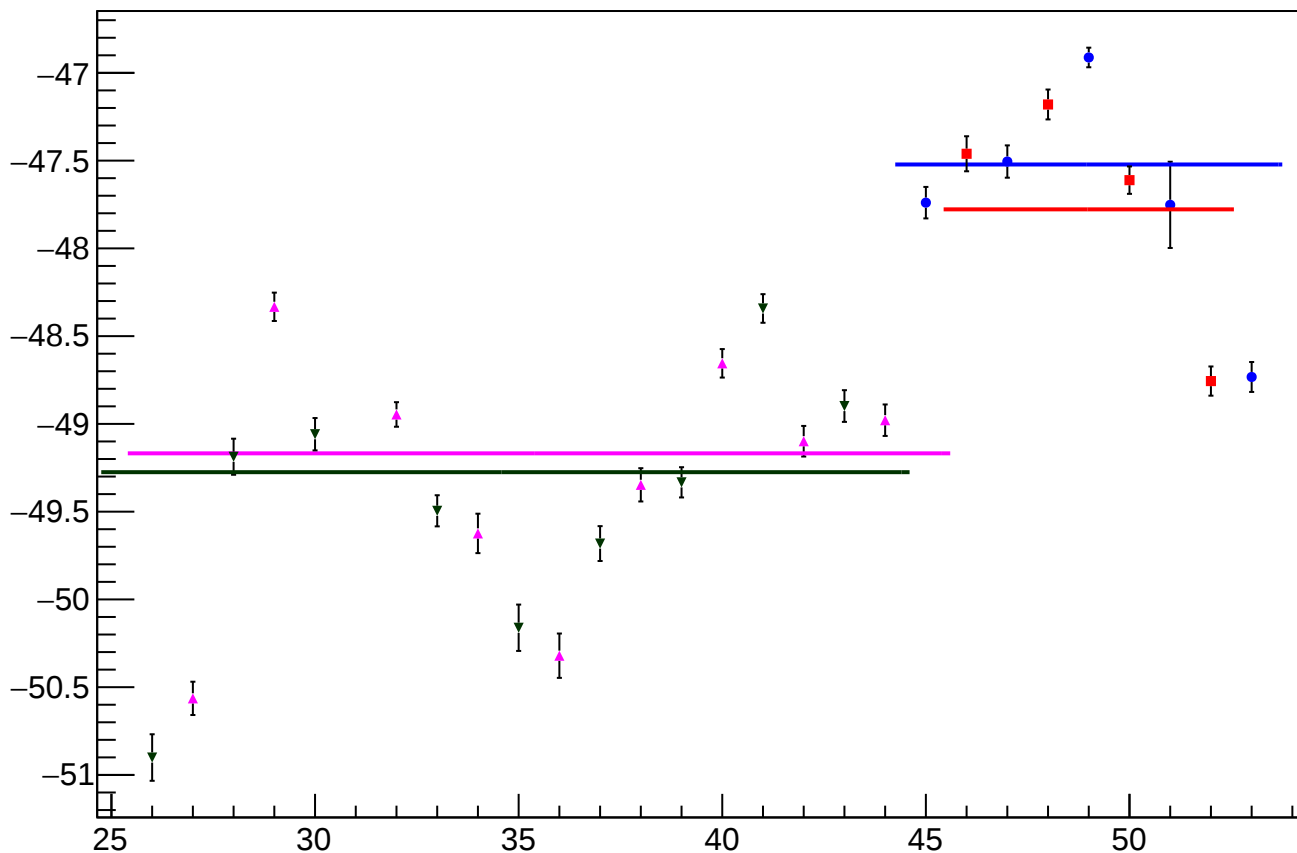
Right Out: 1.640 $\pm$ 0.182 χ^2/NDF : 481.6/3

Left In: 1.222 $\pm$ 0.126 χ^2/NDF :480.3/8

0.094 $\pm$ 0.106 χ^2/NDF : 553.2/13

1.358 $\pm$ 0.104 χ^2/NDF : 965.5/12

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.522 ± 0.037 $\chi^2/\text{NDF}: 327.7/4$

Left Out: -49.275 ± 0.032 $\chi^2/\text{NDF}: 373.5/8$

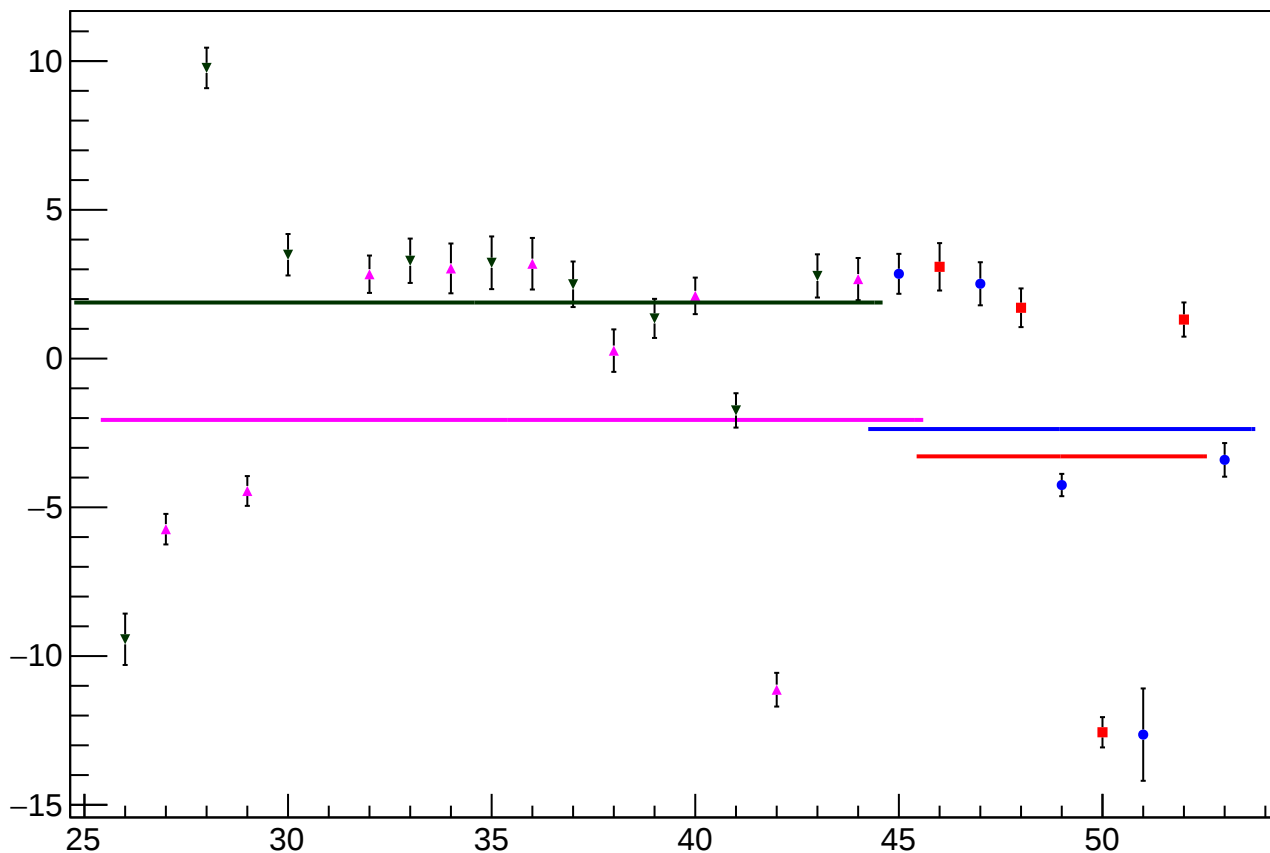
Right Out: -47.778 ± 0.043 $\chi^2/\text{NDF}: 202.2/3$

Left In: -49.168 ± 0.030 $\chi^2/\text{NDF}: 481.7/8$

-48.527 ± 0.024 $\chi^2/\text{NDF}: 1964.5/13$

-48.714 ± 0.024 $\chi^2/\text{NDF}: 1395.9/12$

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -2.369 ± 0.260 $\chi^2/\text{NDF}: 178.3/4$

Left Out: 1.884 ± 0.239 $\chi^2/\text{NDF}: 359.4/8$

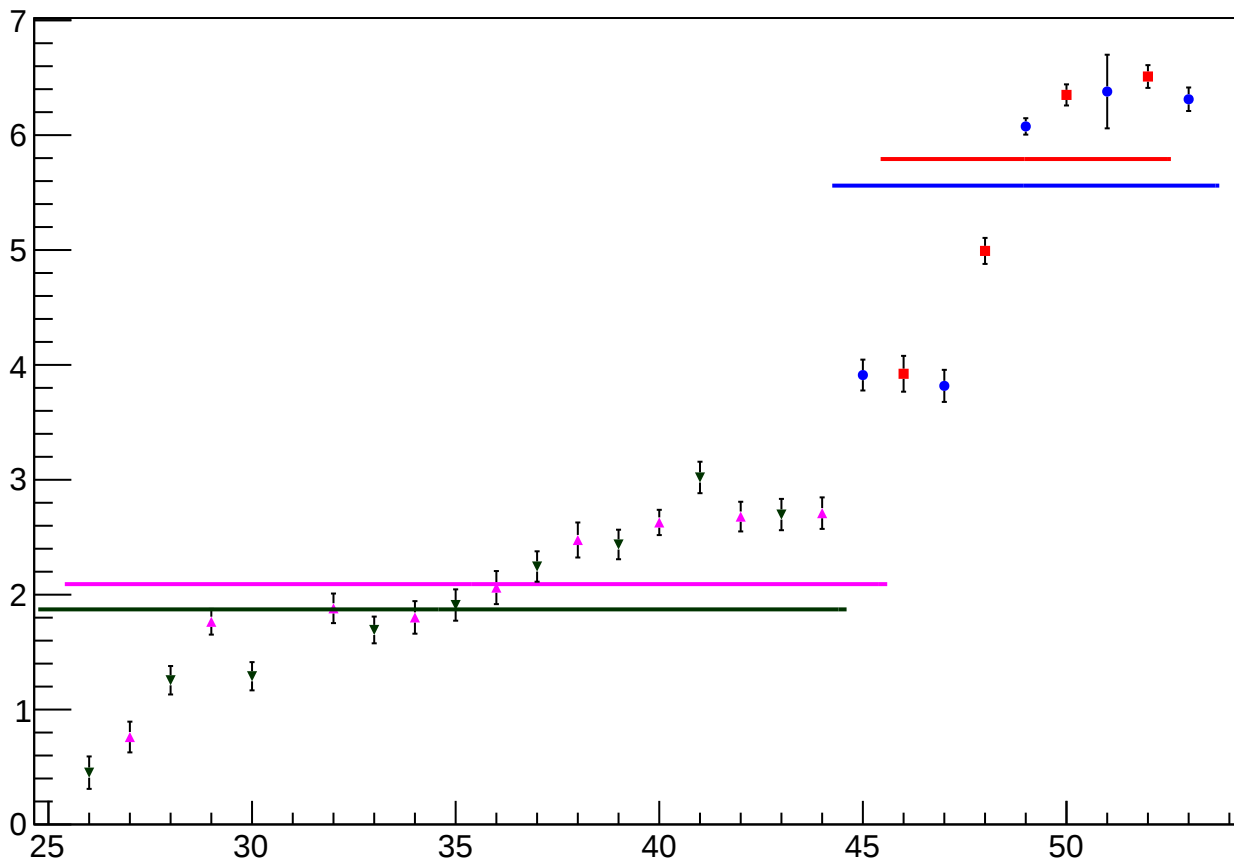
Right Out: -3.287 ± 0.304 $\chi^2/\text{NDF}: 518.7/3$

Left In: -2.062 ± 0.209 $\chi^2/\text{NDF}: 565.9/8$

-0.060 ± 0.176 $\chi^2/\text{NDF}: 682.8/13$

-2.456 ± 0.172 $\chi^2/\text{NDF}: 1095.6/12$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.561+/-0.049 χ^2/NDF : 419.2/4

Left Out: 1.872+/-0.043 χ^2/NDF :285.3/8

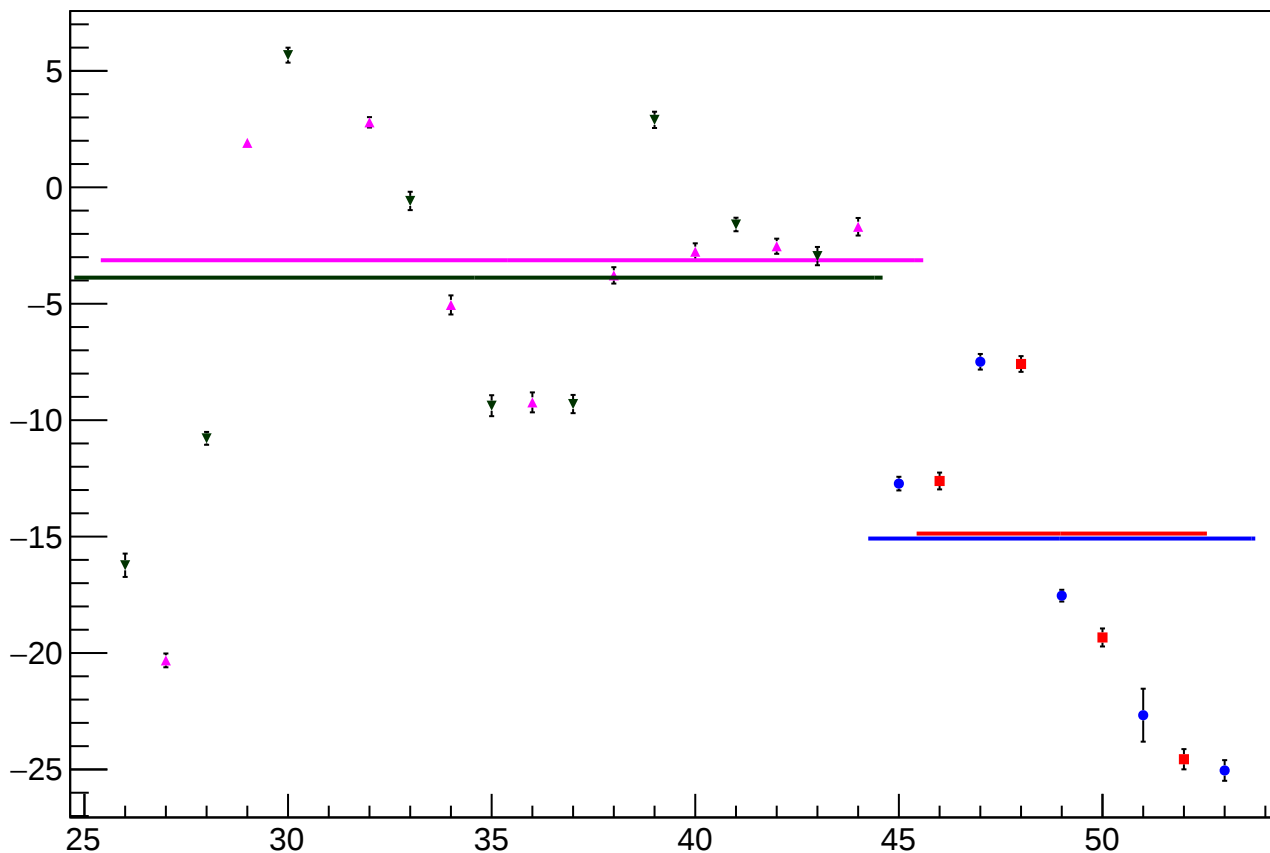
Right Out: 5.792+/-0.054 χ^2/NDF : 282.9/3

Left In: 2.092+/-0.043 χ^2/NDF :185.6/8

3.470+/-0.033 χ^2/NDF : 3852.3/13

3.531+/-0.034 χ^2/NDF : 3306.6/12

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -15.084 $\pm$ 0.154 χ^2 /NDF: 1219.7/4

Left Out: -3.879 $\pm$ 0.119 χ^2 /NDF: 2969.1/8

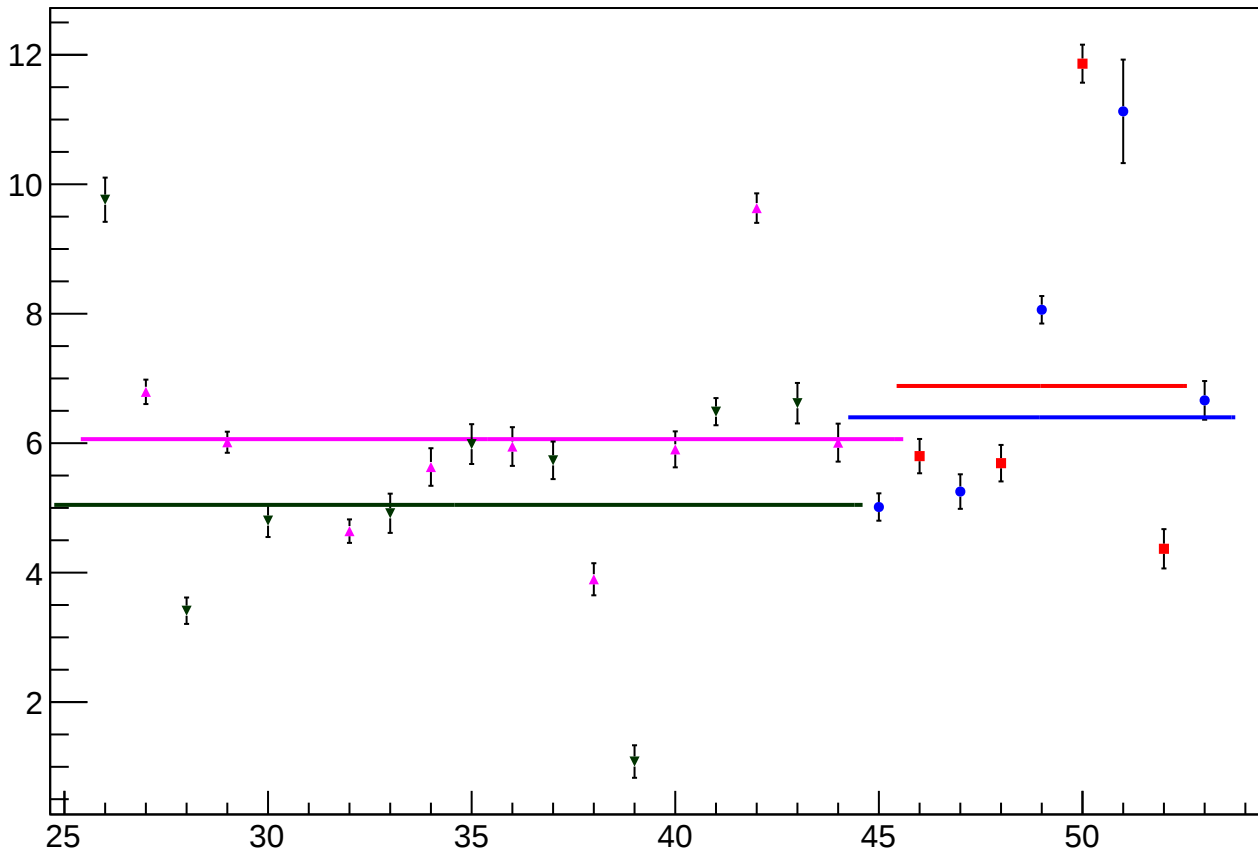
Right Out: -14.870 $\pm$ 0.188 χ^2 /NDF: 1134.5/3

Left In: -3.132 $\pm$ 0.102 χ^2 /NDF: 4858.7/8

-8.037 $\pm$ 0.094 χ^2 /NDF: 7504.1/13

-5.799 $\pm$ 0.089 χ^2 /NDF: 9017.9/12

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 6.399 ± 0.118 χ^2/NDF : 158.3/4

Left Out: 5.047 ± 0.088 χ^2/NDF : 592.2/8

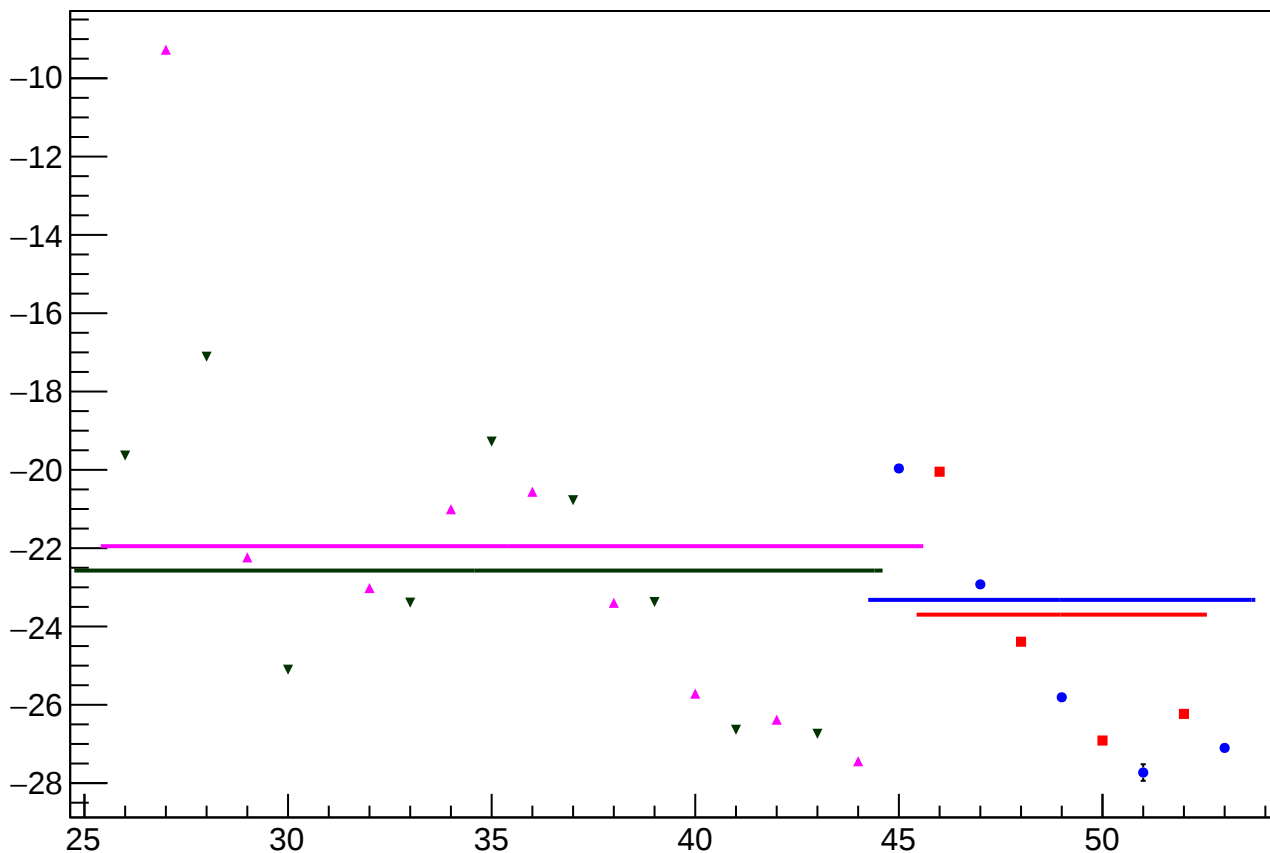
Right Out: 6.884 ± 0.142 χ^2/NDF : 390.6/3

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.526 ± 0.070 χ^2/NDF : 834.9/13

6.239 ± 0.066 χ^2/NDF : 817.2/12

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -23.321 $\pm$ 0.027 χ^2 /NDF: 10286.5/4

Left Out: -22.572 $\pm$ 0.020 χ^2 /NDF: 29848.4/8

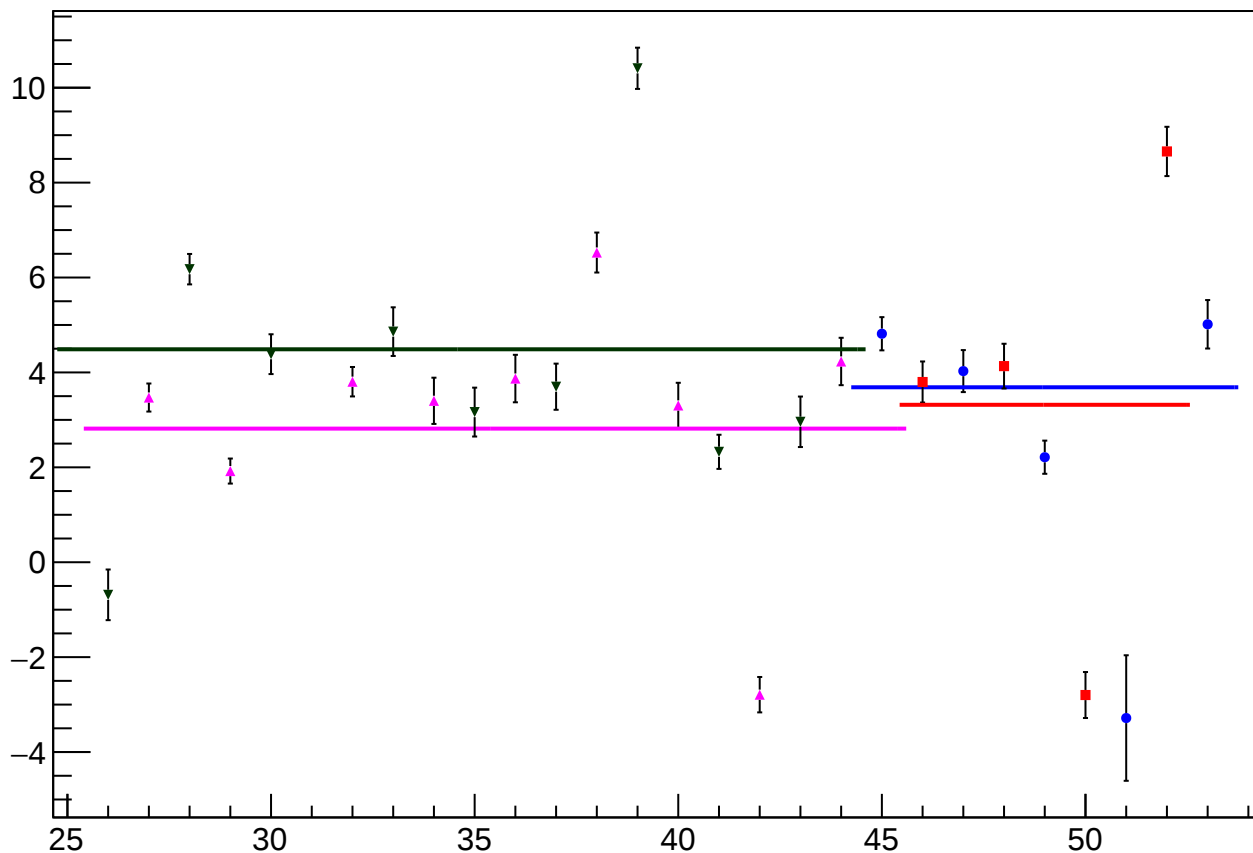
Right Out: -23.697 $\pm$ 0.032 χ^2 /NDF: 7612.1/3

Left In: -21.949 $\pm$ 0.017 χ^2 /NDF: 78862.5/8

-22.830 $\pm$ 0.016 χ^2 /NDF: 40623.7/13

-22.343 $\pm$ 0.015 χ^2 /NDF: 88761.0/12

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.687 ± 0.197 $\chi^2/\text{NDF}: 63.3/4$

Left Out: 4.488 ± 0.145 $\chi^2/\text{NDF}: 361.4/8$

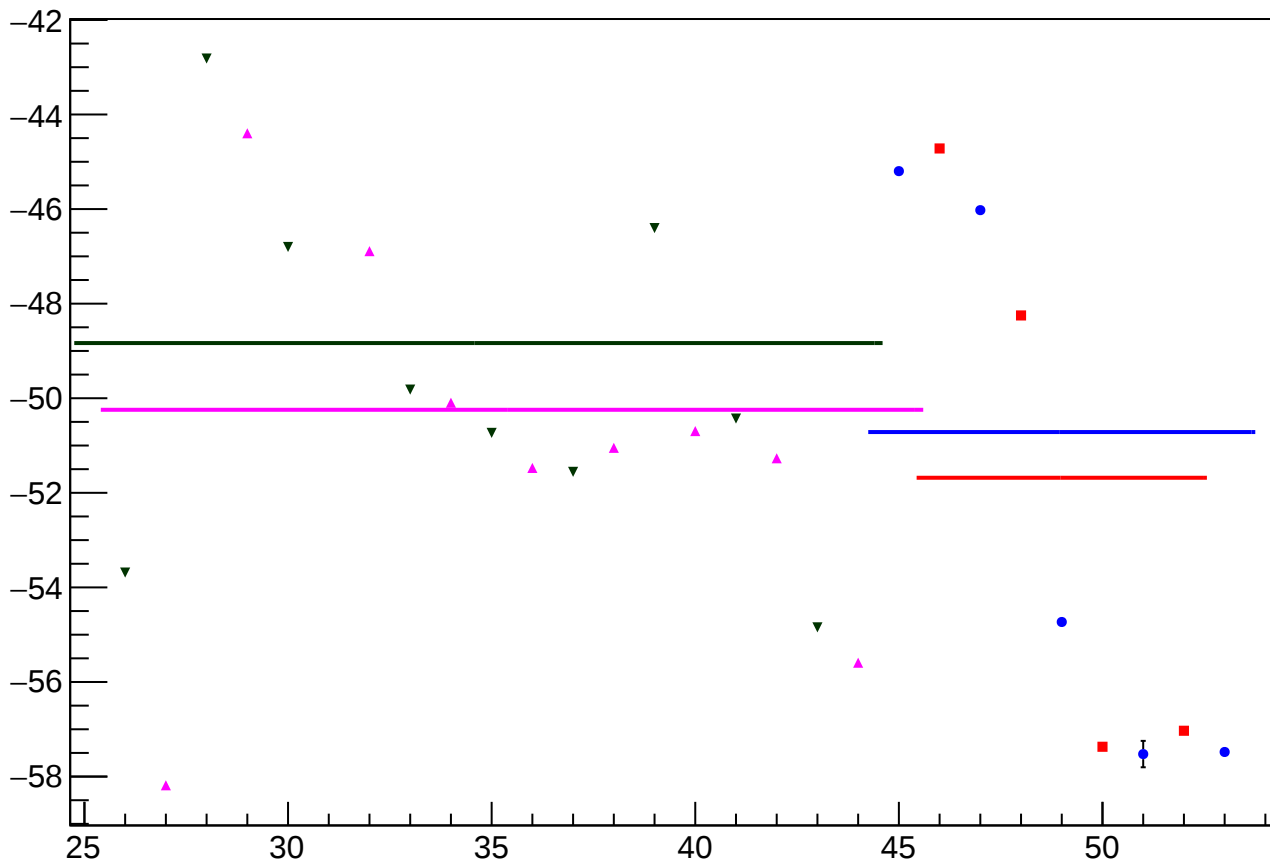
Right Out: 3.318 ± 0.237 $\chi^2/\text{NDF}: 269.3/3$

Left In: 2.816 ± 0.123 $\chi^2/\text{NDF}: 345.0/8$

4.204 ± 0.117 $\chi^2/\text{NDF}: 435.4/13$

2.923 ± 0.109 $\chi^2/\text{NDF}: 617.8/12$

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -50.715+/-0.038 χ^2/NDF : 18661.5/4

Left Out: -48.833+/-0.027 χ^2/NDF : 20149.2/8

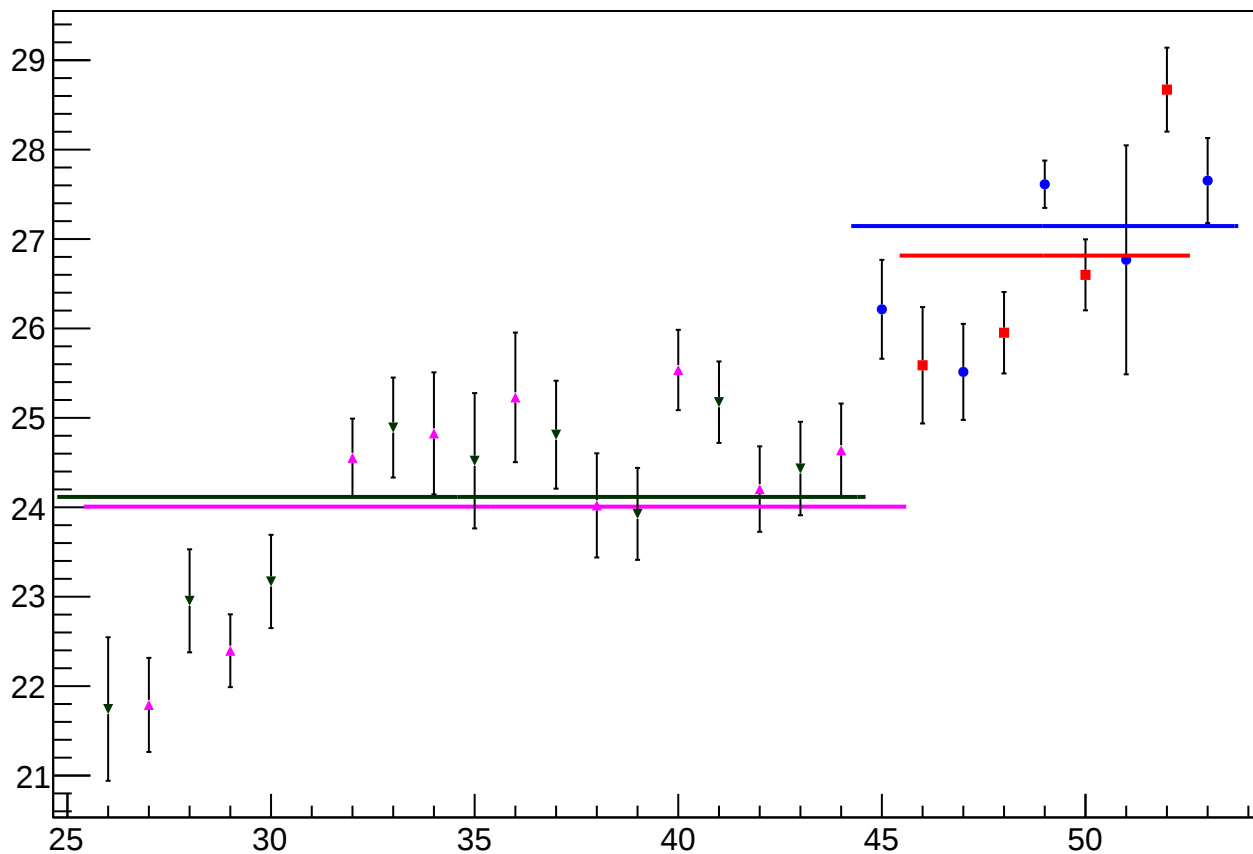
Right Out: -51.681+/-0.044 χ^2/NDF : 16001.3/3

Left In: -50.244+/-0.026 χ^2/NDF : 27249.9/8

-49.460+/-0.022 χ^2/NDF : 40447.1/13

-50.618+/-0.022 χ^2/NDF : 44050.0/12

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.145+/-0.196 χ^2/NDF : 16.4/4

Left Out: 24.116+/-0.188 χ^2/NDF : 25.5/8

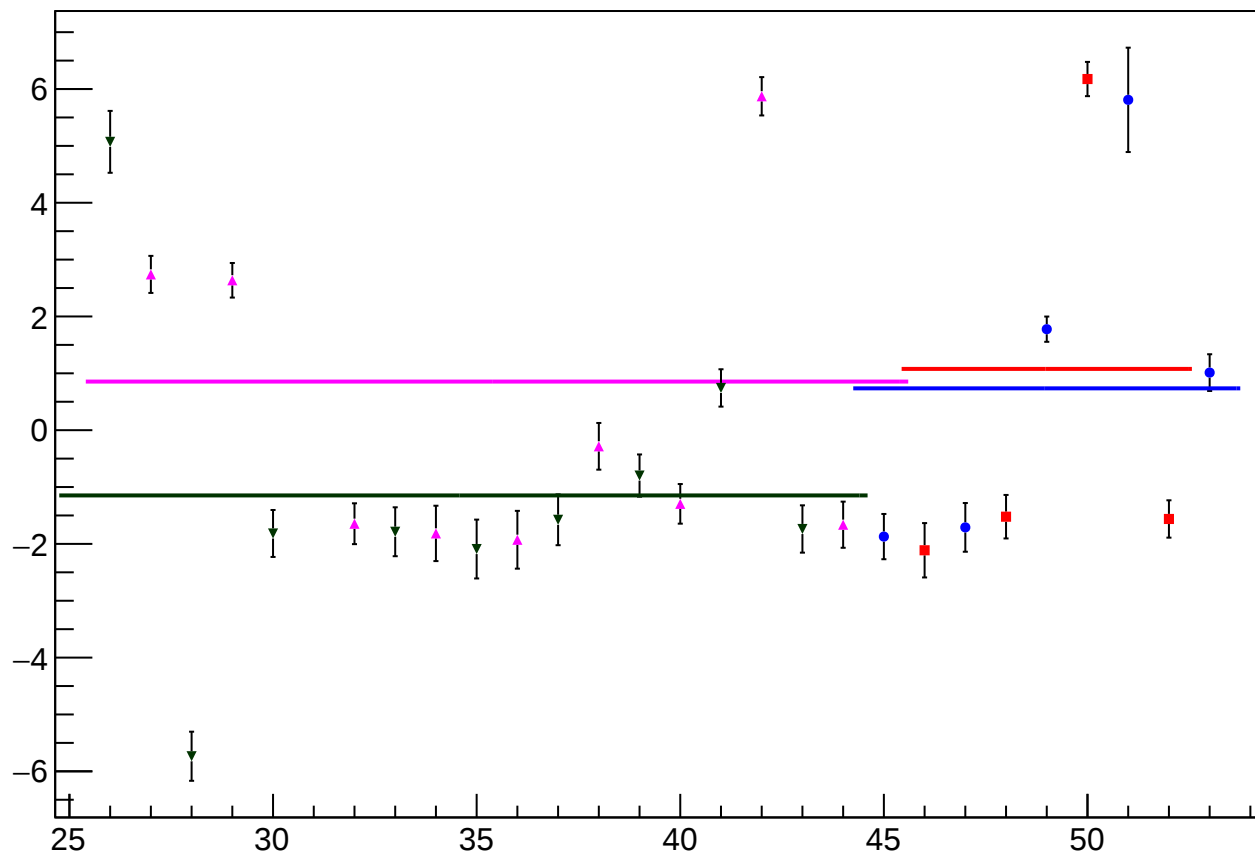
Right Out: 26.815+/-0.235 χ^2/NDF : 23.1/3

Left In: 24.007+/-0.169 χ^2/NDF : 52.5/8

25.570+/-0.136 χ^2/NDF : 166.1/13

24.965+/-0.137 χ^2/NDF : 169.3/12

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.736 ± 0.153 $\chi^2/\text{NDF}: 128.7/4$

Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF}: 288.4/8$

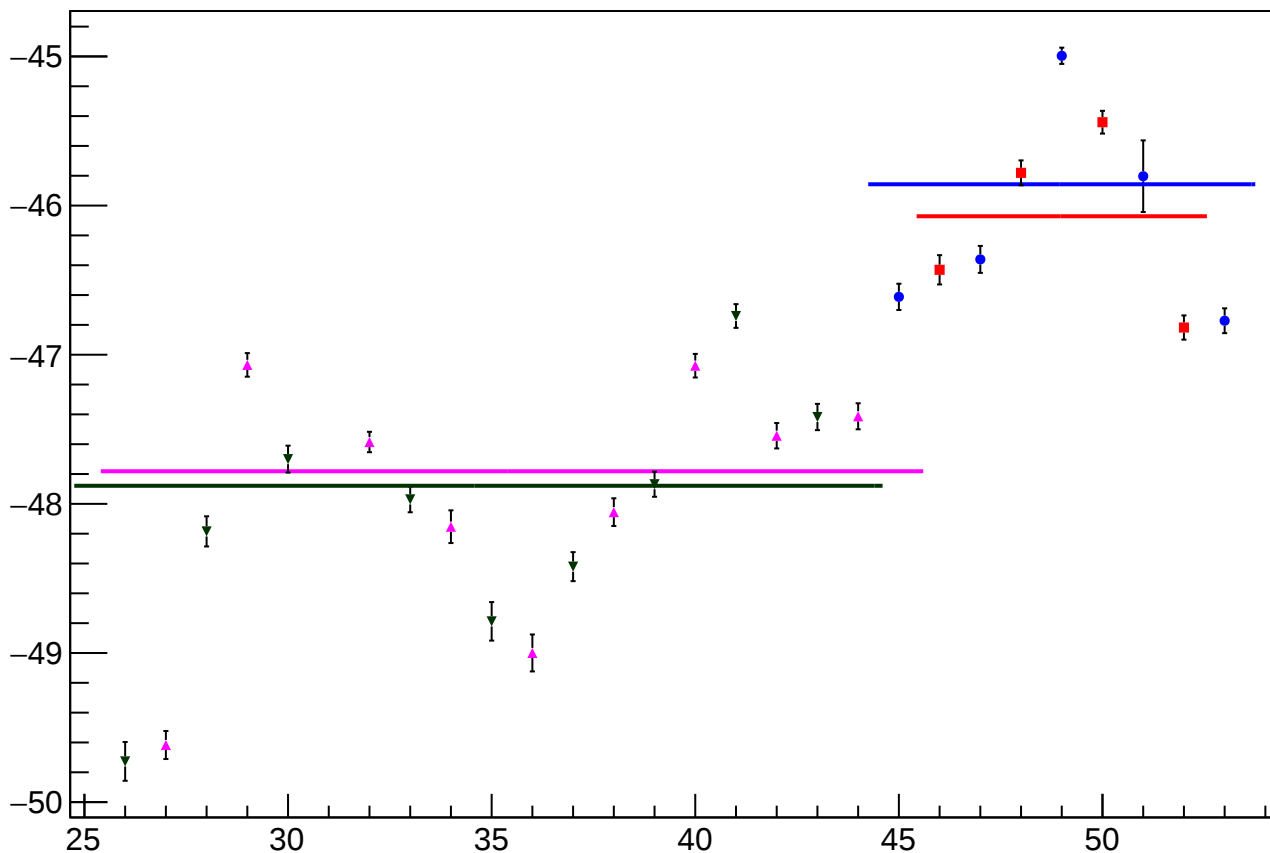
Right Out: 1.078 ± 0.178 $\chi^2/\text{NDF}: 441.7/3$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.289 ± 0.103 $\chi^2/\text{NDF}: 499.7/13$

0.927 ± 0.102 $\chi^2/\text{NDF}: 924.8/12$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.857 ± 0.037 $\chi^2/\text{NDF}: 475.3/4$

Left Out: -47.879 ± 0.032 $\chi^2/\text{NDF}: 529.0/8$

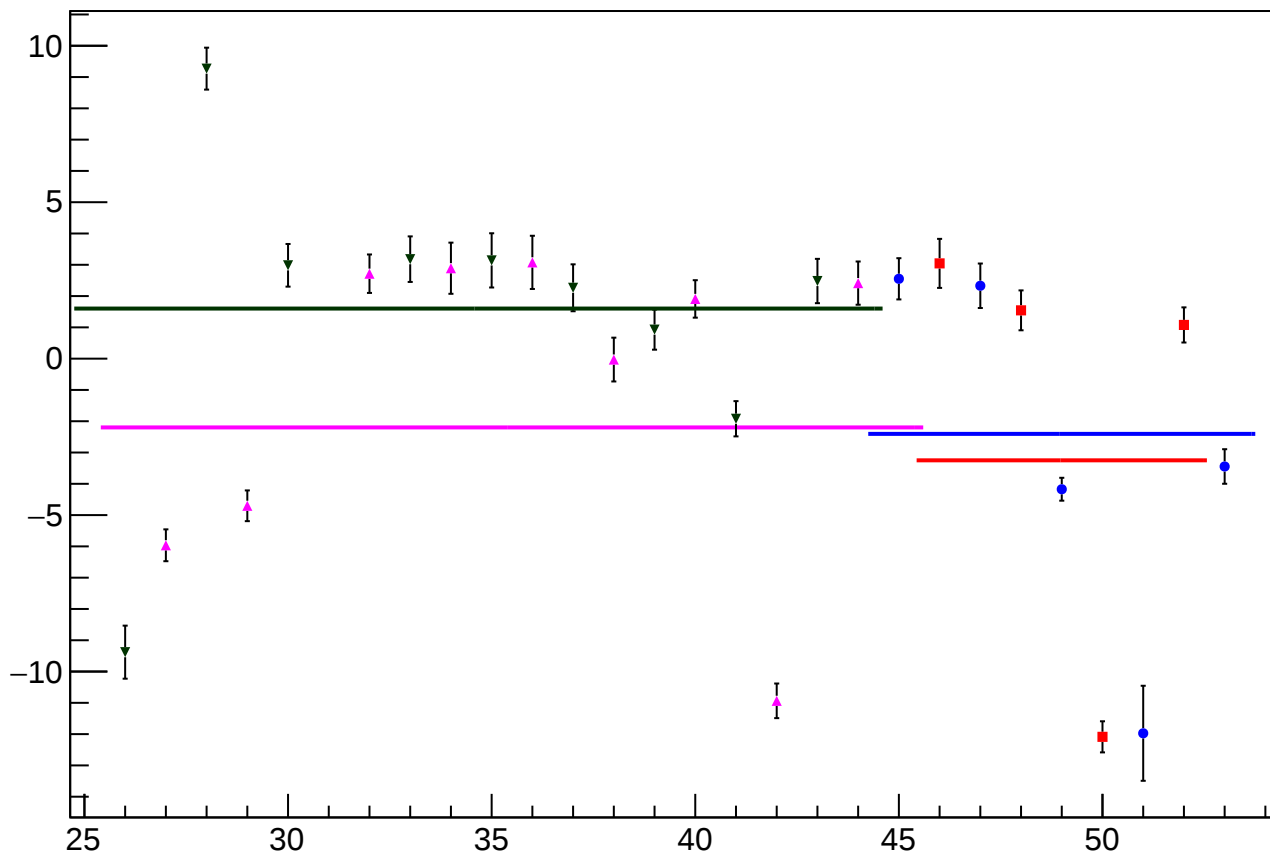
Right Out: -46.072 ± 0.042 $\chi^2/\text{NDF}: 178.3/3$

Left In: -47.781 ± 0.029 $\chi^2/\text{NDF}: 692.9/8$

-47.016 ± 0.024 $\chi^2/\text{NDF}: 2761.2/13$

-47.224 ± 0.024 $\chi^2/\text{NDF}: 1995.6/12$

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -2.404 ± 0.254 χ^2/NDF : 167.6/4

Left Out: 1.601 ± 0.233 χ^2/NDF : 353.2/8

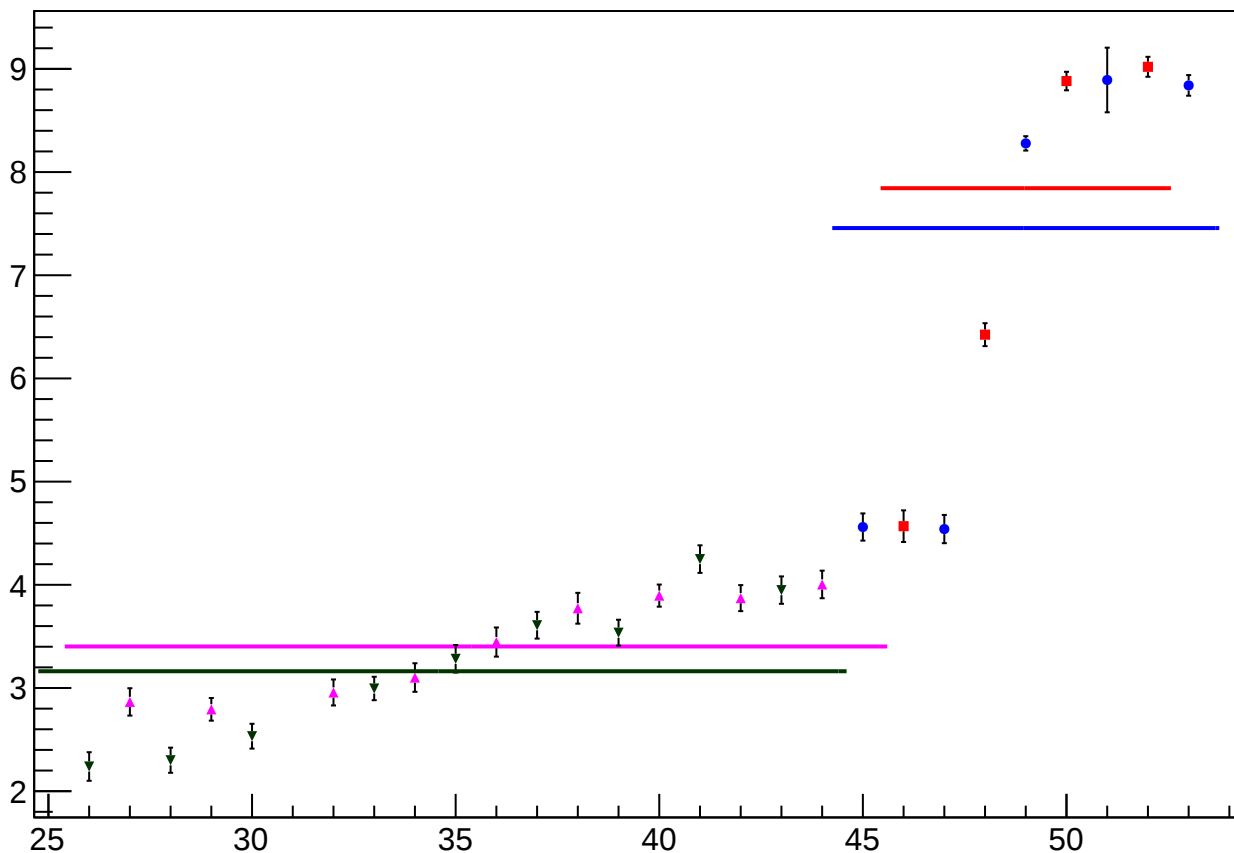
Right Out: -3.250 ± 0.297 χ^2/NDF : 496.5/3

Left In: -2.198 ± 0.205 χ^2/NDF : 572.6/8

-0.231 ± 0.172 χ^2/NDF : 655.4/13

-2.537 ± 0.169 χ^2/NDF : 1077.6/12

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 7.457 ± 0.048 χ^2/NDF : 1287.0/4

Left Out: 3.162 ± 0.042 χ^2/NDF : 246.8/8

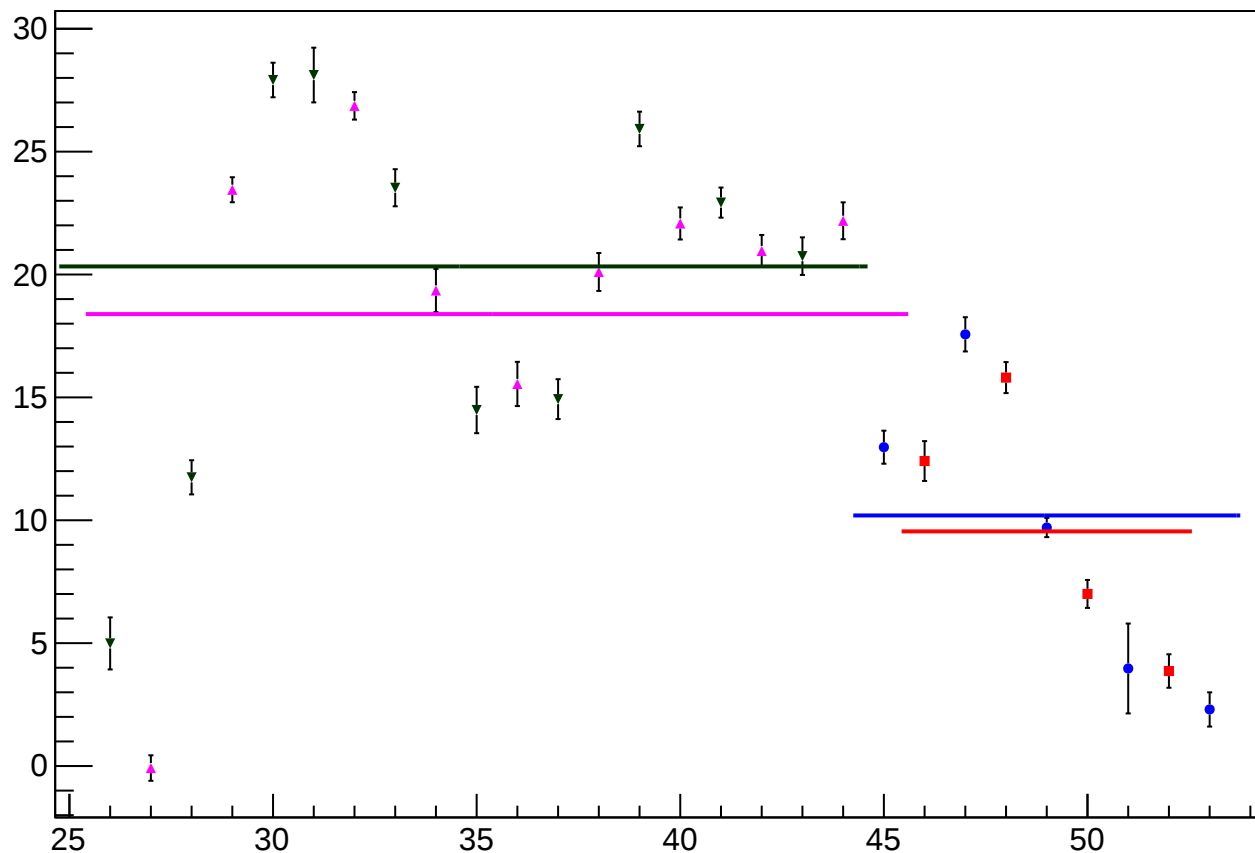
Right Out: 7.844 ± 0.053 χ^2/NDF : 901.2/3

Left In: 3.402 ± 0.042 χ^2/NDF : 125.8/8

5.024 ± 0.032 χ^2/NDF : 5996.7/13

5.132 ± 0.033 χ^2/NDF : 5296.4/12

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 10.196 $\pm$ 0.276 χ^2 /NDF: 270.6/4

Left Out: 20.329 $\pm$ 0.246 χ^2 /NDF: 709.7/9

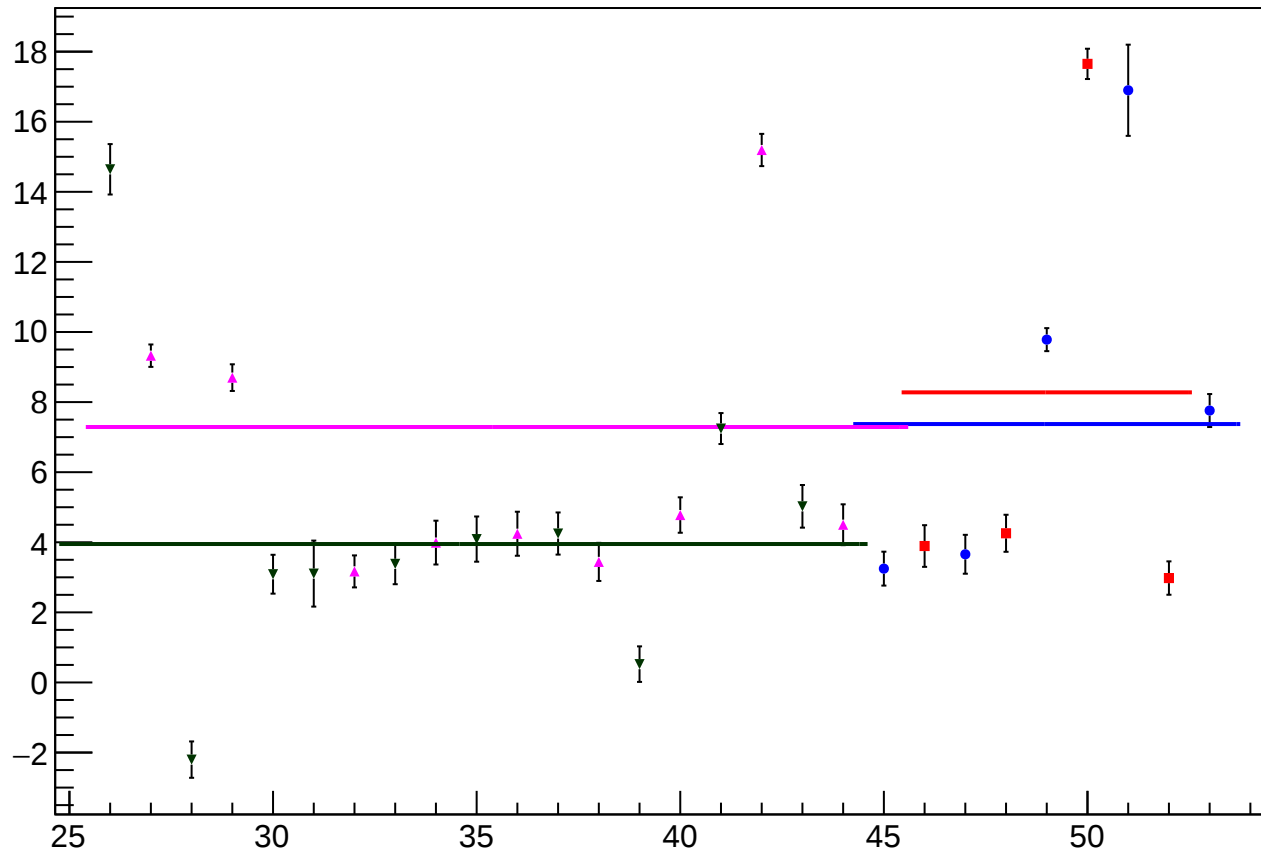
Right Out: 9.548 $\pm$ 0.328 χ^2 /NDF: 200.6/3

Left In: 18.390 $\pm$ 0.216 χ^2 /NDF: 1685.1/8

15.844 $\pm$ 0.183 χ^2 /NDF: 1734.1/14

15.720 $\pm$ 0.180 χ^2 /NDF: 2392.2/12

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 7.374+/-0.214 χ^2/NDF : 225.7/4

Left Out: 3.950+/-0.183 χ^2/NDF : 470.4/9

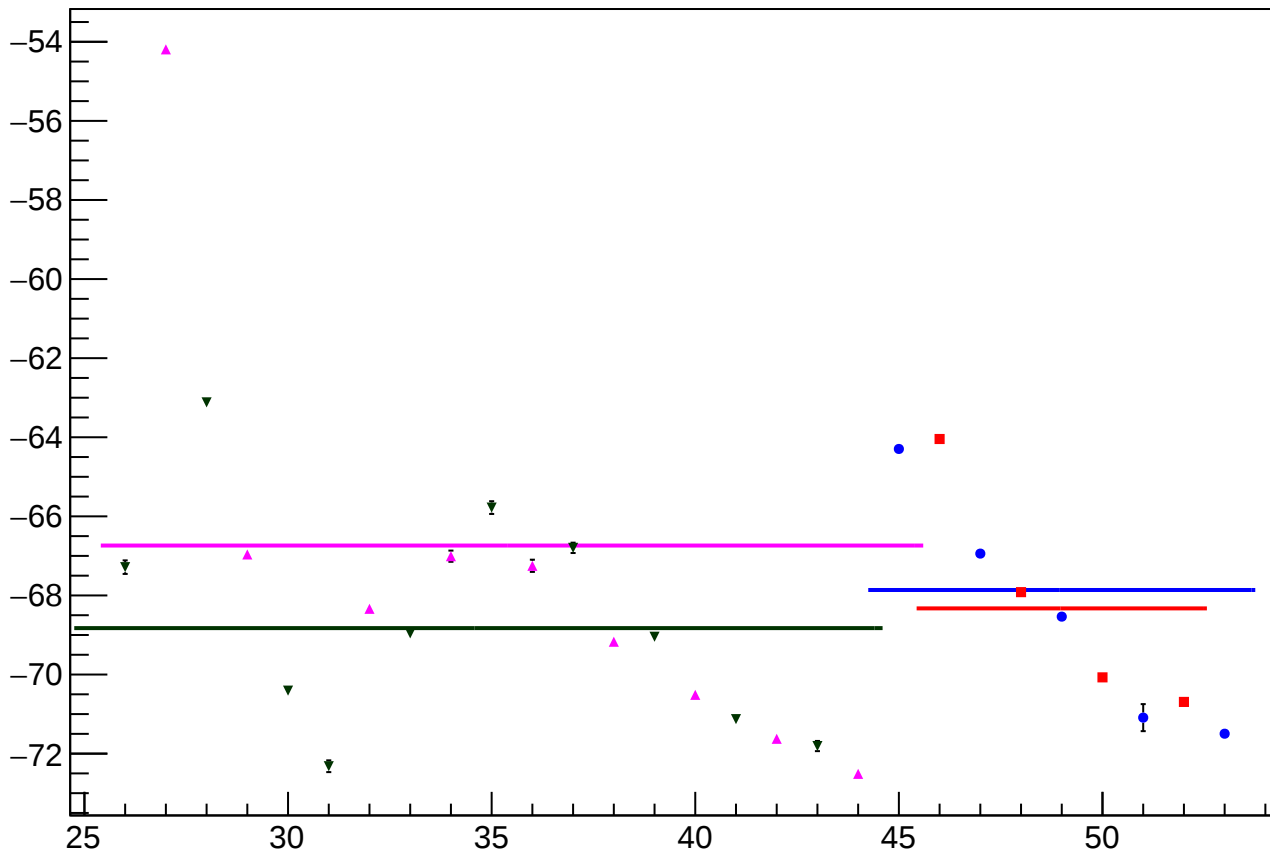
Right Out: 8.278+/-0.249 χ^2/NDF : 706.3/3

Left In: 7.289+/-0.155 χ^2/NDF : 579.9/8

5.398+/-0.139 χ^2/NDF : 844.2/14

7.566+/-0.132 χ^2/NDF : 1297.6/12

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -67.862 ± 0.051 χ^2/NDF : 2221.8/4

Left Out: -68.826 ± 0.041 χ^2/NDF : 4587.0/9

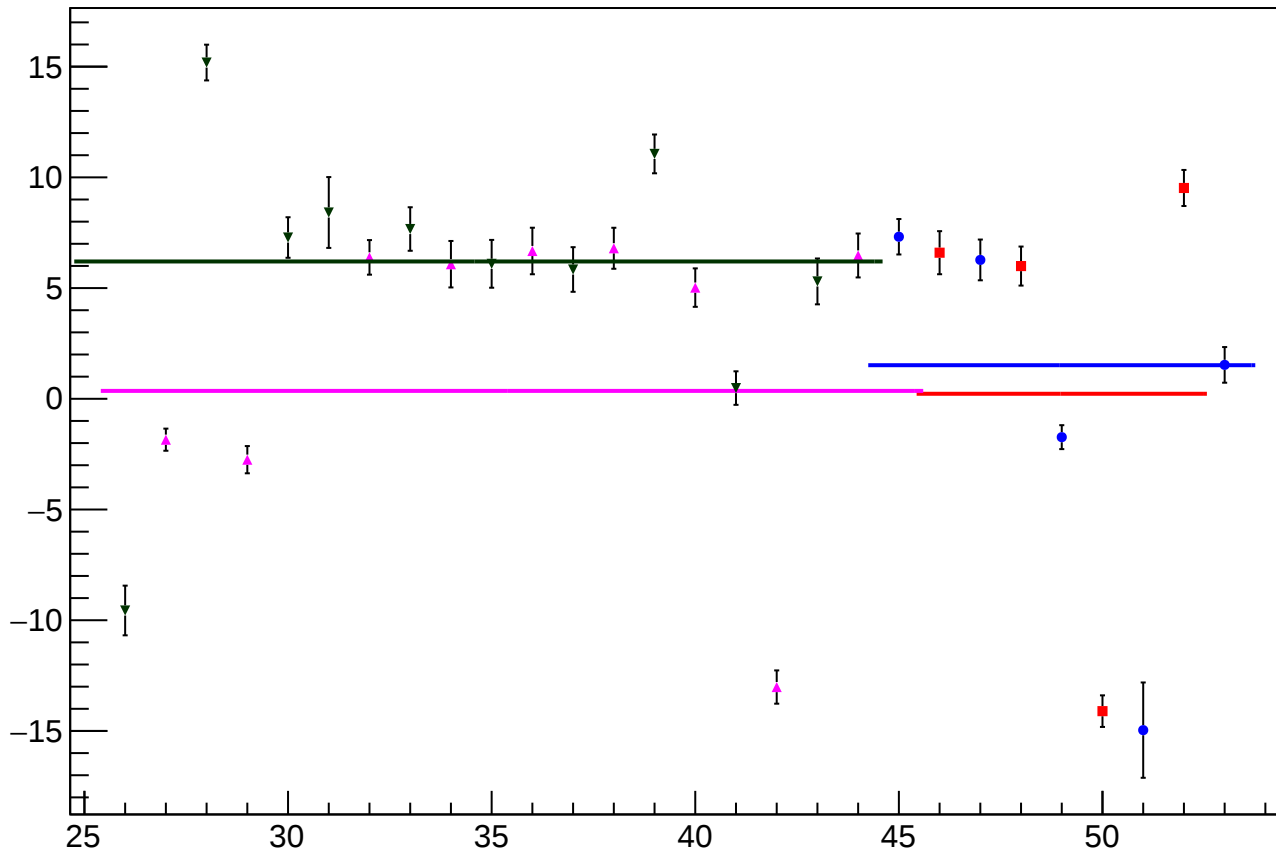
Right Out: -68.327 ± 0.058 χ^2/NDF : 1894.9/3

Left In: -66.738 ± 0.037 χ^2/NDF : 23839.7/8

-68.448 ± 0.032 χ^2/NDF : 7029.7/14

-67.204 ± 0.031 χ^2/NDF : 26267.8/12

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 1.517+/-0.355 χ^2/NDF : 174.0/4

Left Out: 6.202+/-0.305 χ^2/NDF : 415.4/9

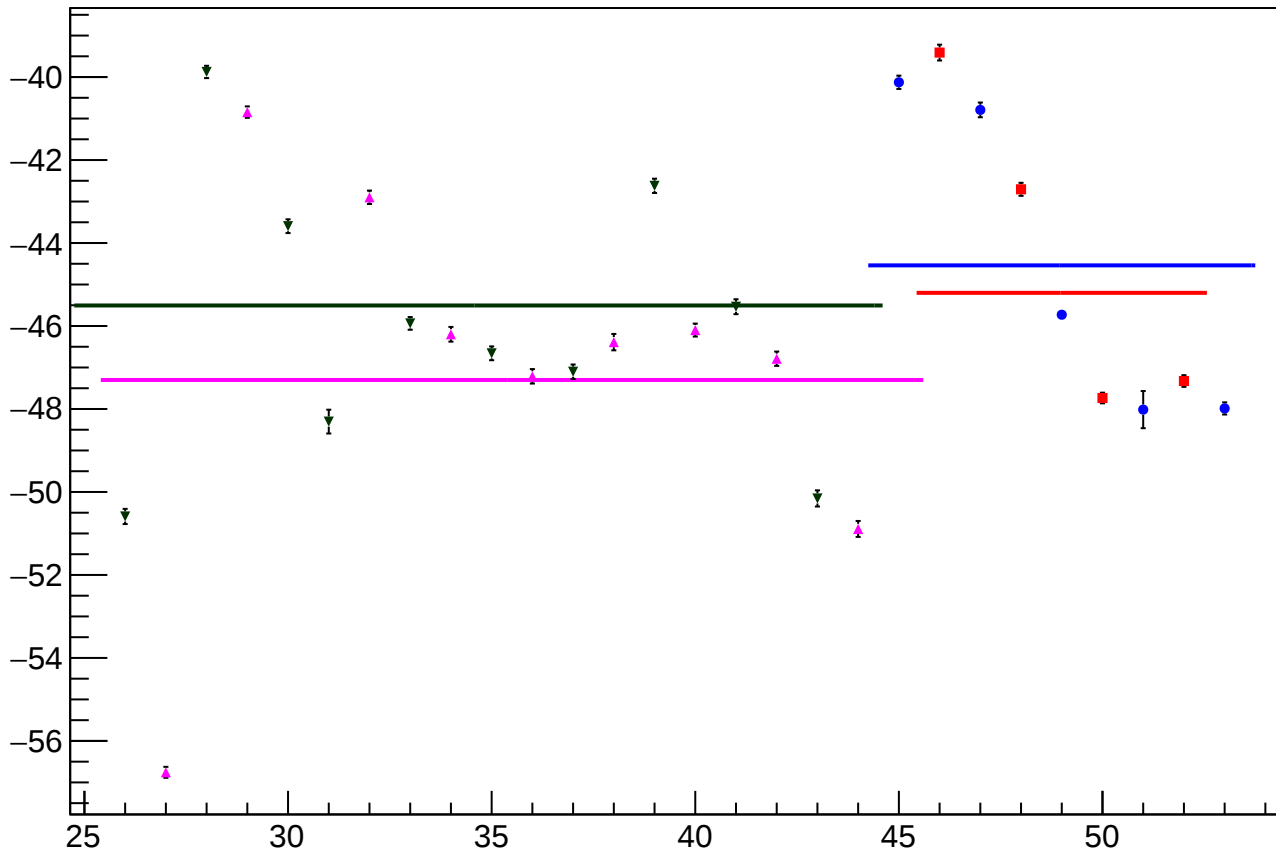
Right Out: 0.227+/-0.415 χ^2/NDF : 619.9/3

Left In: 0.357+/-0.255 χ^2/NDF : 602.5/8

4.216+/-0.231 χ^2/NDF : 689.5/14

0.321+/-0.217 χ^2/NDF : 1222.5/12

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.539 ± 0.068 χ^2/NDF : 1950.5/4

Left Out: -45.505 ± 0.055 χ^2/NDF : 3423.9/9

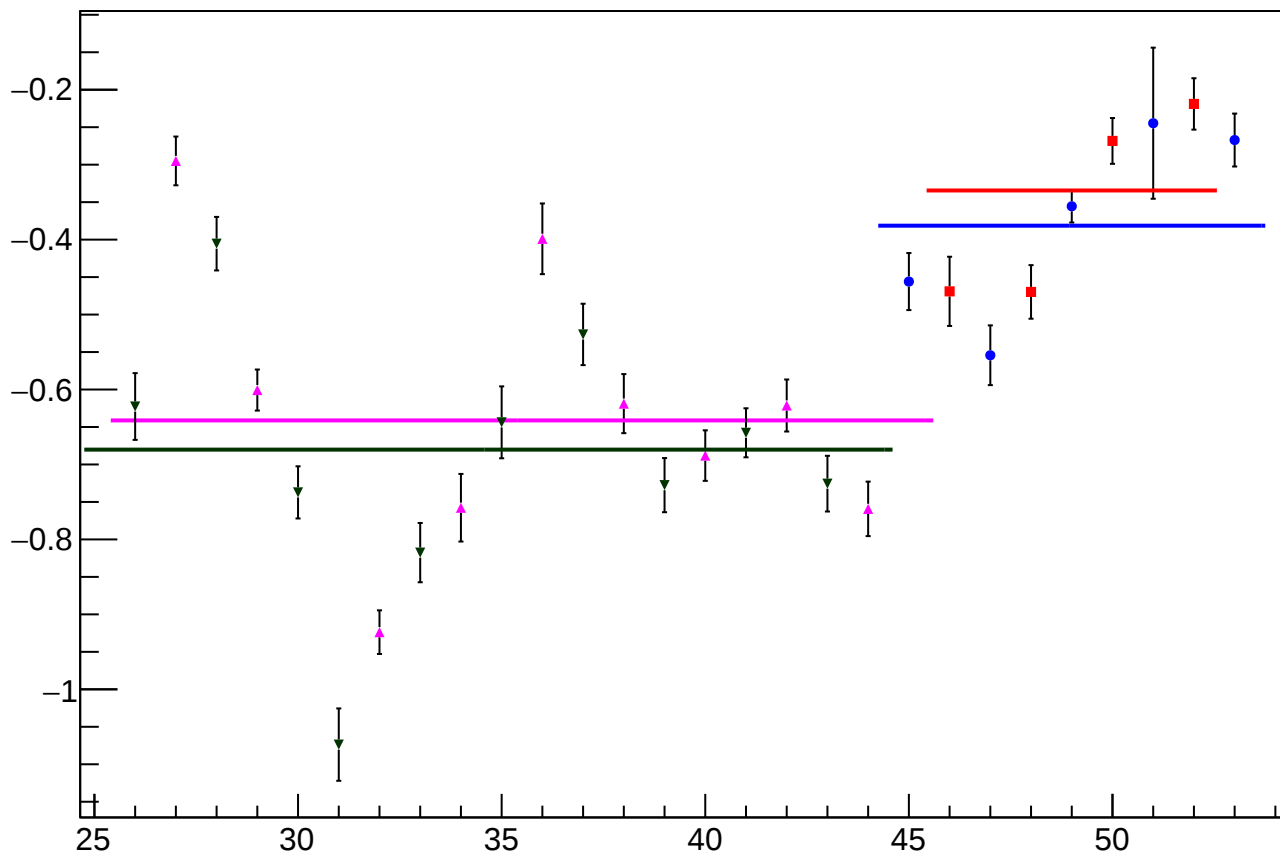
Right Out: -45.201 ± 0.075 χ^2/NDF : 1792.3/3

Left In: -47.301 ± 0.054 χ^2/NDF : 8552.3/8

-45.119 ± 0.043 χ^2/NDF : 5496.2/14

-46.577 ± 0.044 χ^2/NDF : 10862.5/12

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.381+/-0.015 χ^2/NDF : 36.4/4

Left Out: -0.680+/-0.012 χ^2/NDF :160.4/9

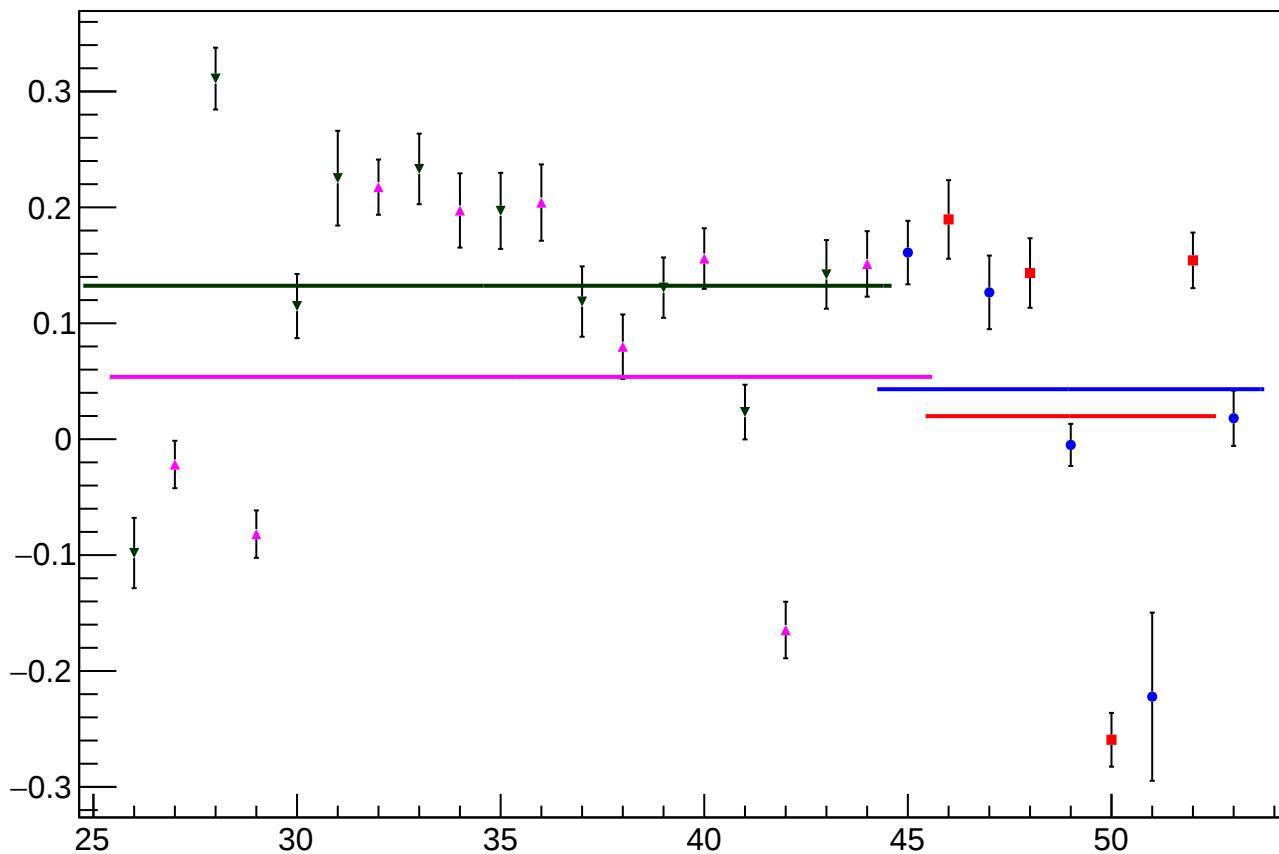
Right Out: -0.334+/-0.018 χ^2/NDF : 38.9/3

Left In: -0.641+/-0.012 χ^2/NDF :255.8/8

-0.562+/-0.010 χ^2/NDF : 431.2/14

-0.550+/-0.010 χ^2/NDF : 504.6/12

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.043 ± 0.012 $\chi^2/\text{NDF}: 46.9/4$

Left Out: 0.132 ± 0.009 $\chi^2/\text{NDF}: 144.8/9$

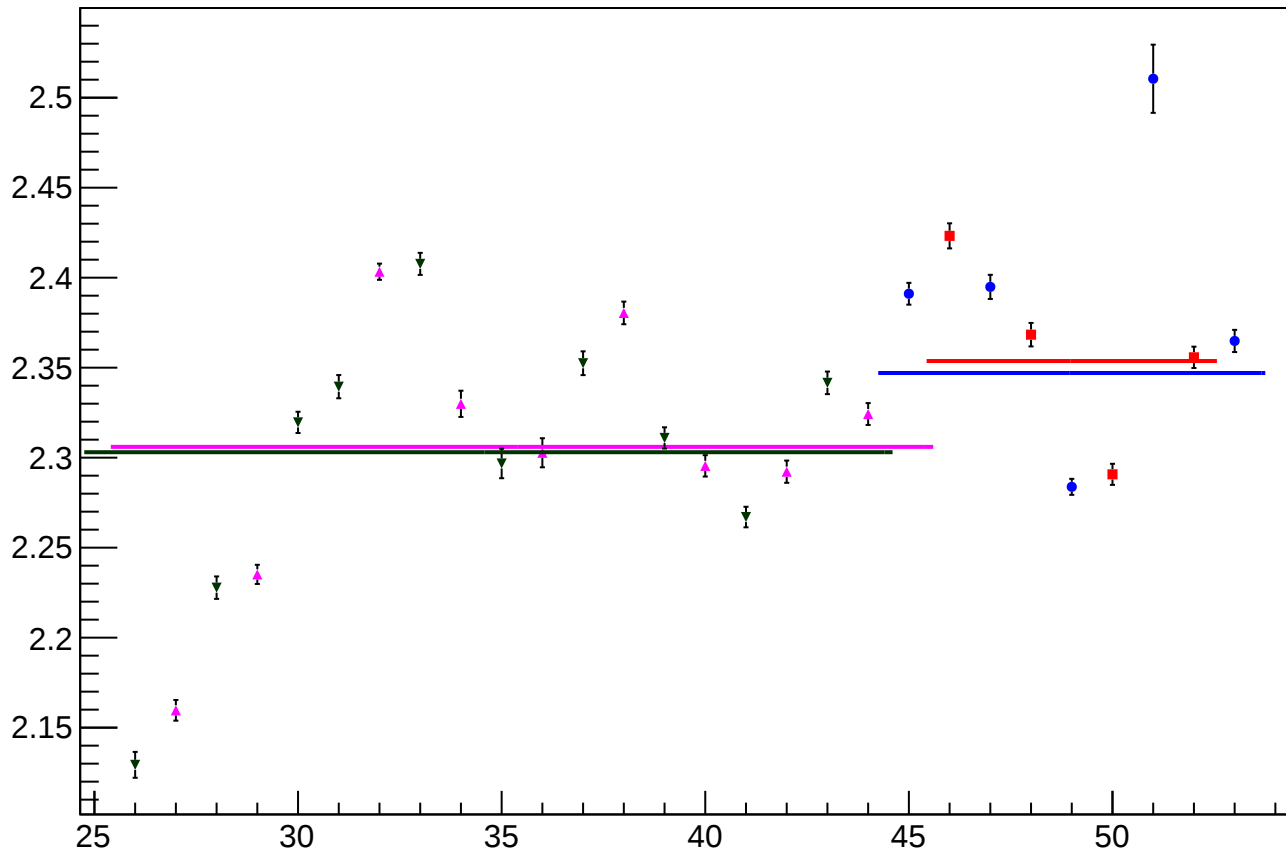
Right Out: 0.020 ± 0.013 $\chi^2/\text{NDF}: 218.3/3$

Left In: 0.054 ± 0.008 $\chi^2/\text{NDF}: 253.9/8$

0.098 ± 0.007 $\chi^2/\text{NDF}: 227.7/14$

0.044 ± 0.007 $\chi^2/\text{NDF}: 476.8/12$

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.347 $\pm$ 0.003 χ^2 /NDF: 388.4/4

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF:1196.0/9

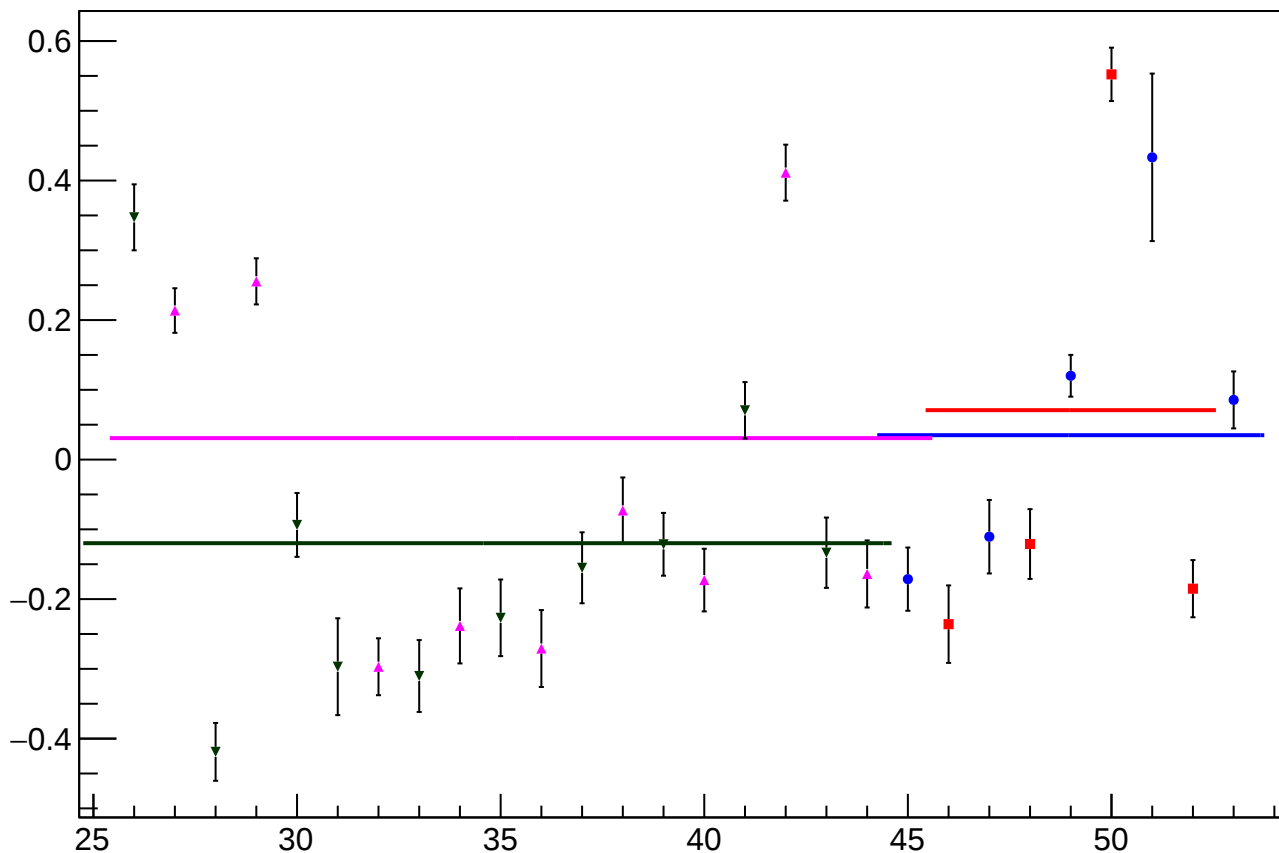
Right Out: 2.354 $\pm$ 0.003 χ^2 /NDF: 220.2/3

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF:1460.1/8

2.318 $\pm$ 0.002 χ^2 /NDF: 1748.7/14

2.320 $\pm$ 0.002 χ^2 /NDF: 1846.0/12

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 0.035 ± 0.019 $\chi^2/\text{NDF}: 49.0/4$

Left Out: -0.120 ± 0.015 $\chi^2/\text{NDF}: 196.6/9$

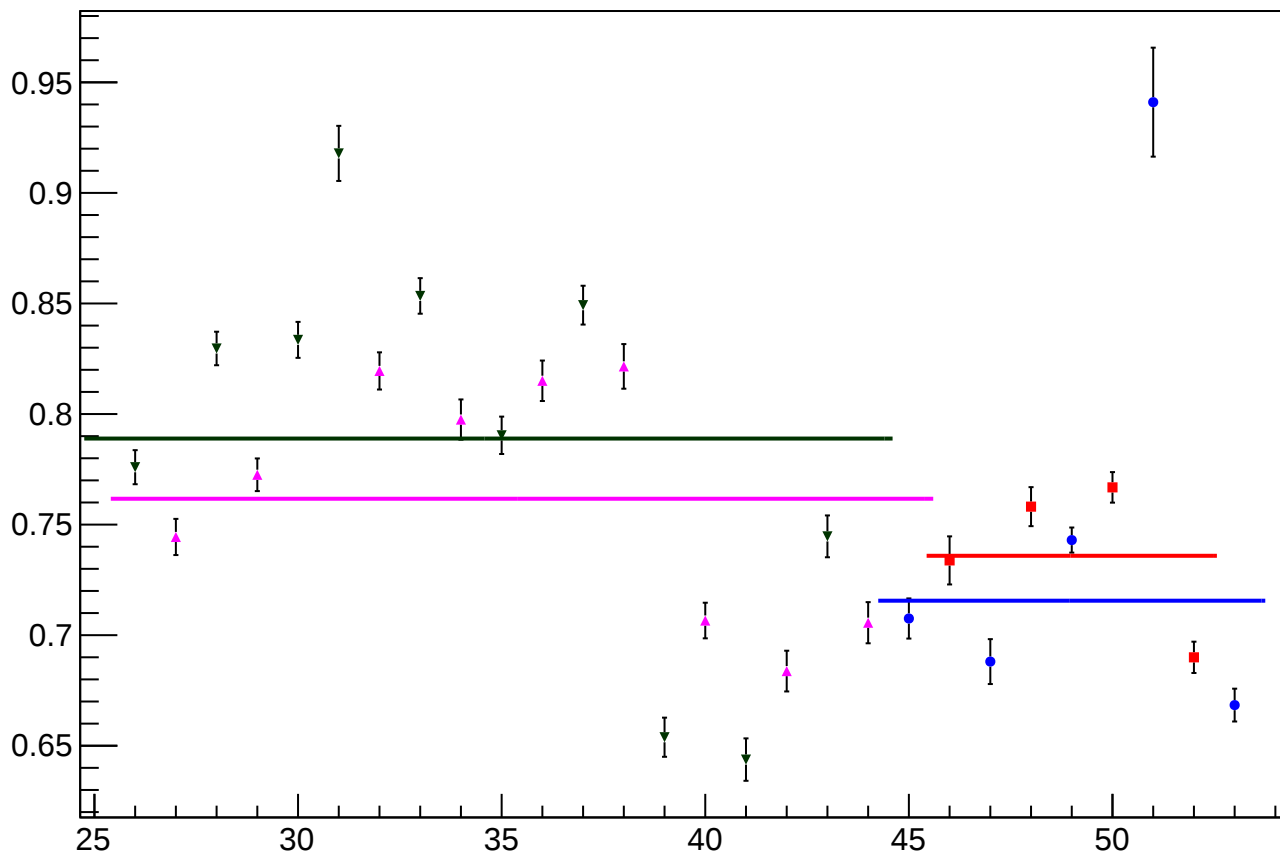
Right Out: 0.071 ± 0.022 $\chi^2/\text{NDF}: 242.3/3$

Left In: 0.031 ± 0.014 $\chi^2/\text{NDF}: 330.1/8$

-0.061 ± 0.012 $\chi^2/\text{NDF}: 284.7/14$

0.042 ± 0.012 $\chi^2/\text{NDF}: 574.7/12$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.716±/0.004 χ^2/NDF : 155.6/4

Left Out: 0.789±/0.003 χ^2/NDF : 764.3/9

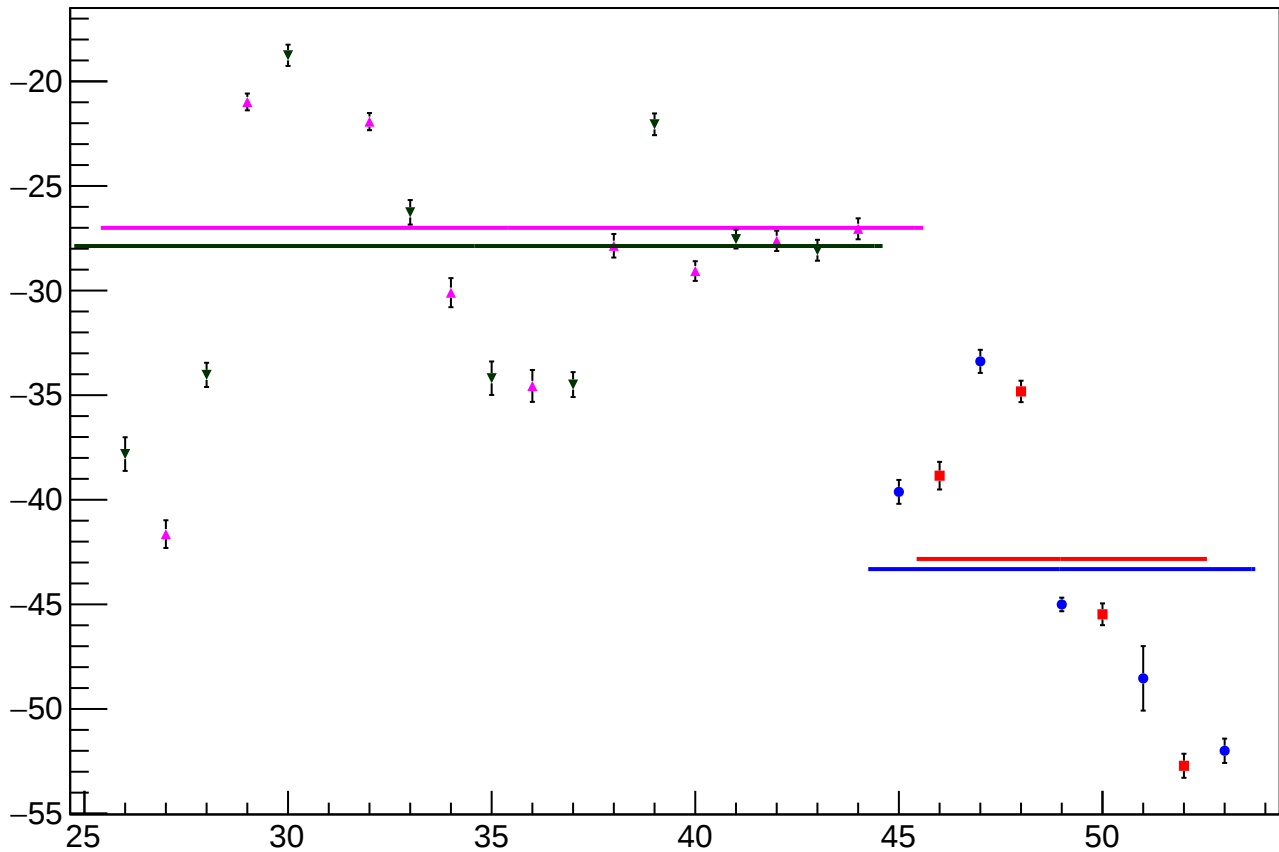
Right Out: 0.736±/0.004 χ^2/NDF : 68.6/3

Left In: 0.762±/0.003 χ^2/NDF : 293.2/8

0.763±/0.002 χ^2/NDF : 1172.6/14

0.753±/0.002 χ^2/NDF : 389.0/12

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -43.314 $\pm$ 0.228 χ^2 /NDF: 626.7/4

Left Out: -27.871 $\pm$ 0.188 χ^2 /NDF: 907.3/8

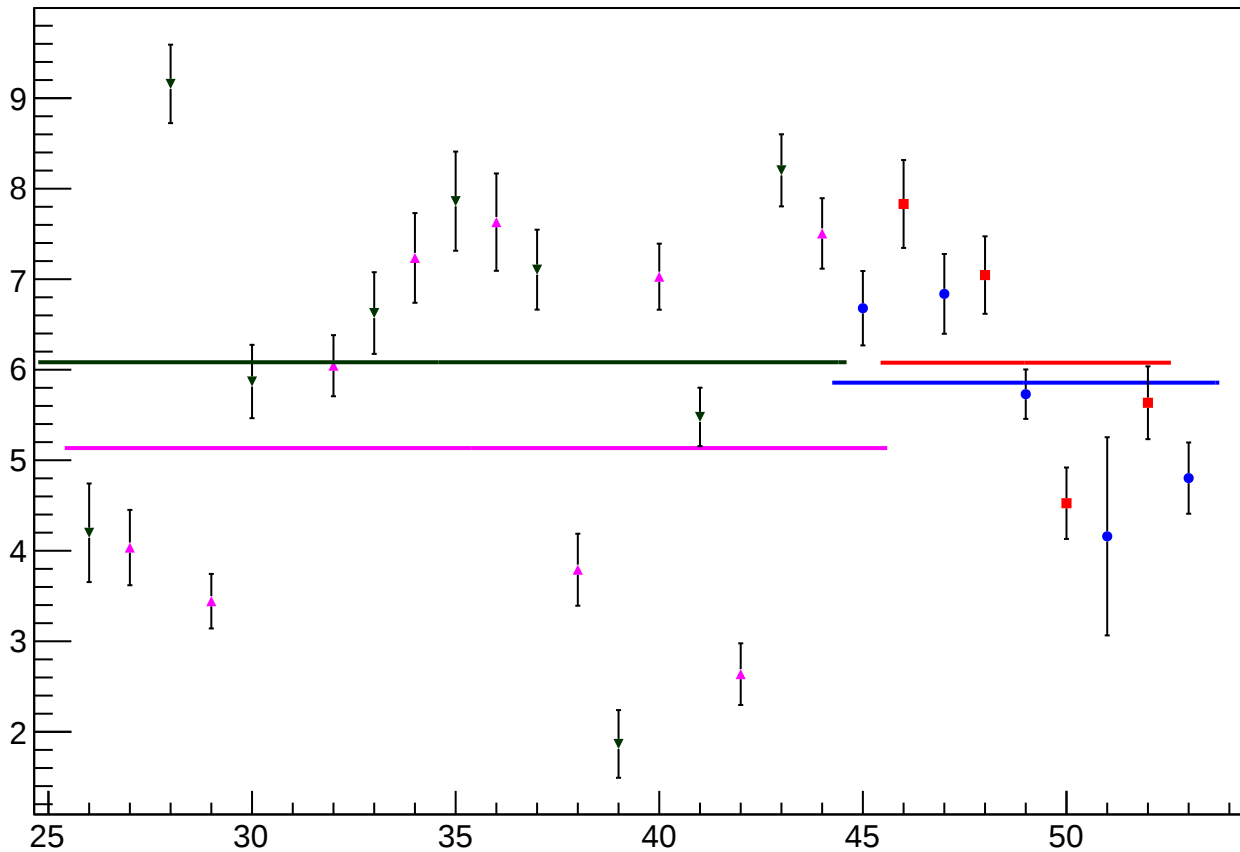
Right Out: -42.828 $\pm$ 0.279 χ^2 /NDF: 602.9/3

Left In: -27.003 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-34.098 $\pm$ 0.145 χ^2 /NDF: 4265.3/13

-31.330 $\pm$ 0.146 χ^2 /NDF: 3945.7/12

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 5.857 ± 0.177 χ^2/NDF : 18.8/4

Left Out: 6.083 ± 0.140 χ^2/NDF : 238.9/8

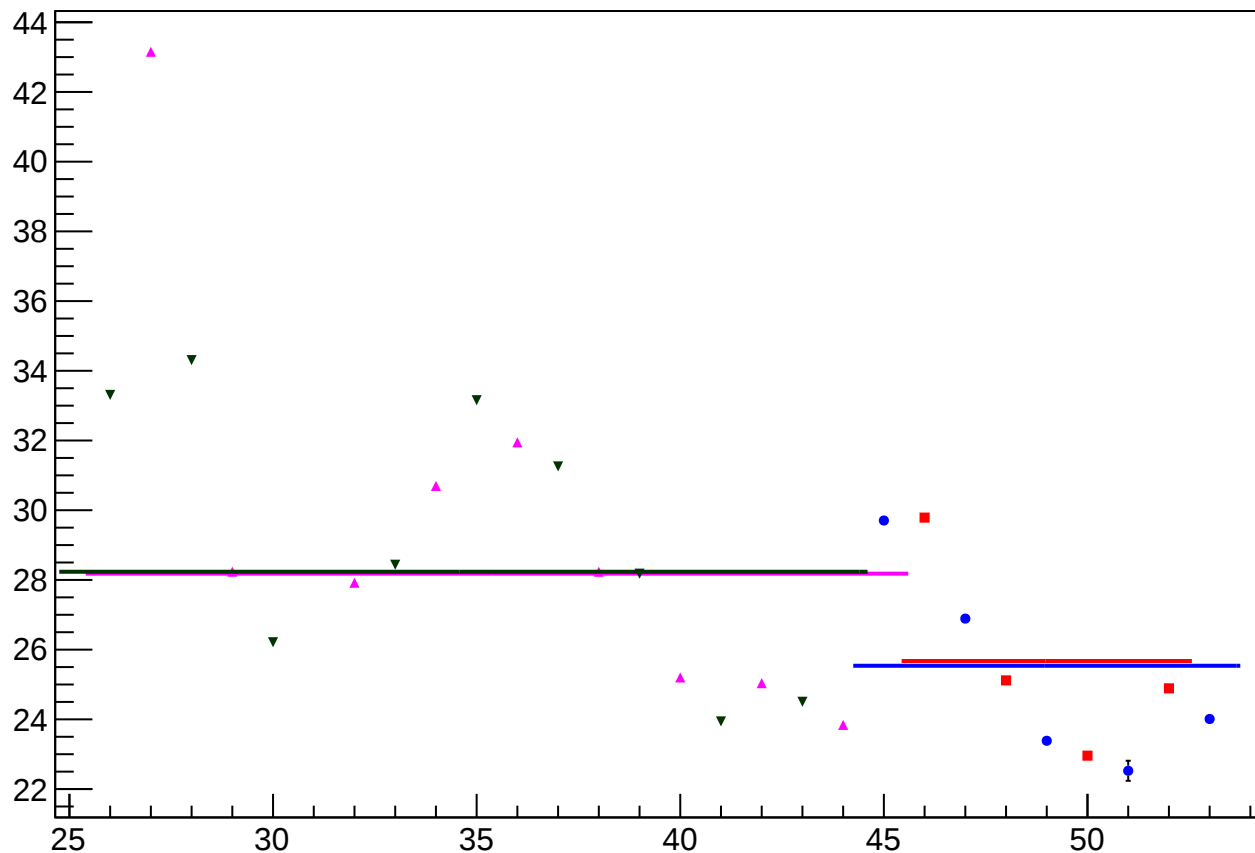
Right Out: 6.078 ± 0.212 χ^2/NDF : 34.9/3

Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

5.996 ± 0.110 χ^2/NDF : 258.7/13

5.384 ± 0.109 χ^2/NDF : 264.0/12

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.538 ± 0.042 χ^2/NDF : 3688.3/4

Left Out: 28.235 ± 0.031 χ^2/NDF : 12988.2/8

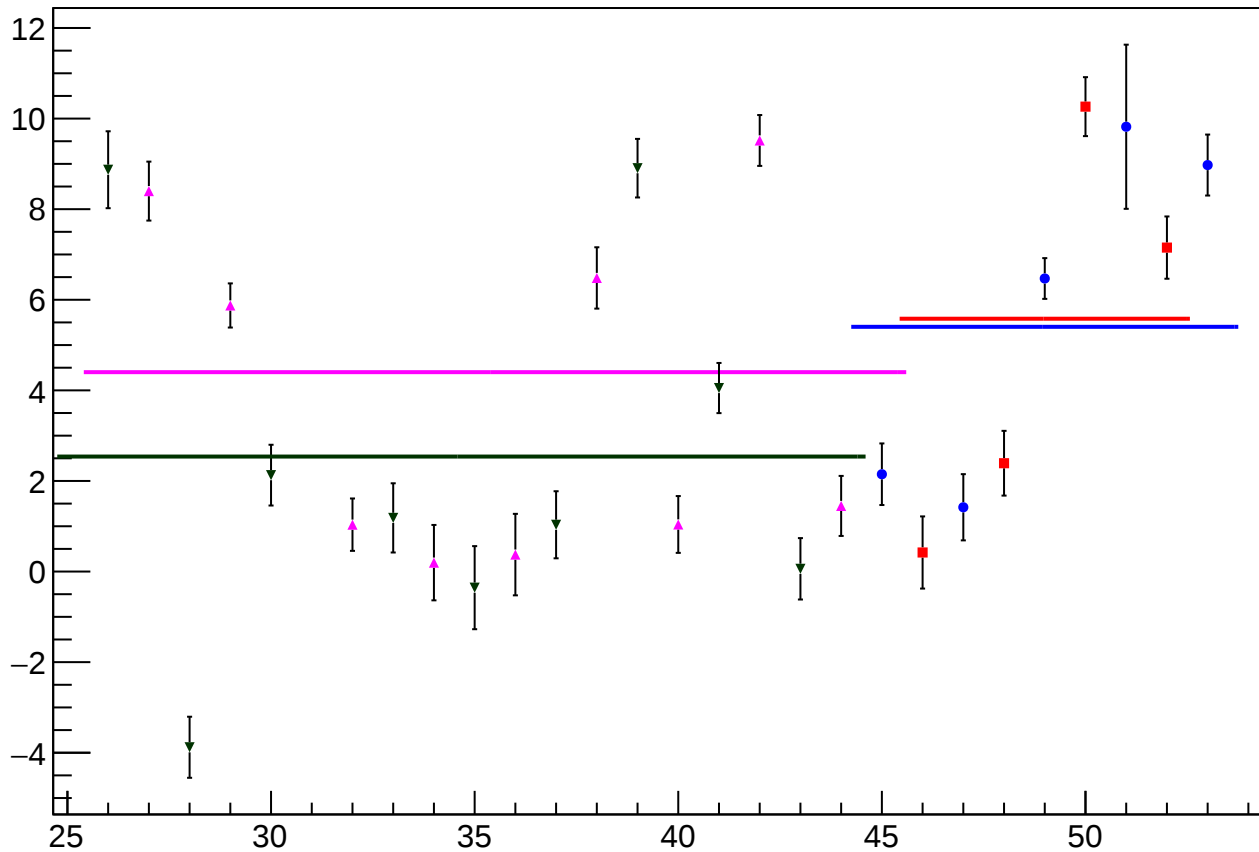
Right Out: 25.674 ± 0.049 χ^2/NDF : 2550.7/3

Left In: 28.180 ± 0.029 χ^2/NDF : 23006.5/8

27.270 ± 0.025 χ^2/NDF : 19334.4/13

27.518 ± 0.025 χ^2/NDF : 27493.4/12

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 5.403 $\pm$ 0.295 χ^2 /NDF: 92.3/4

Left Out: 2.539 $\pm$ 0.233 χ^2 /NDF: 281.6/8

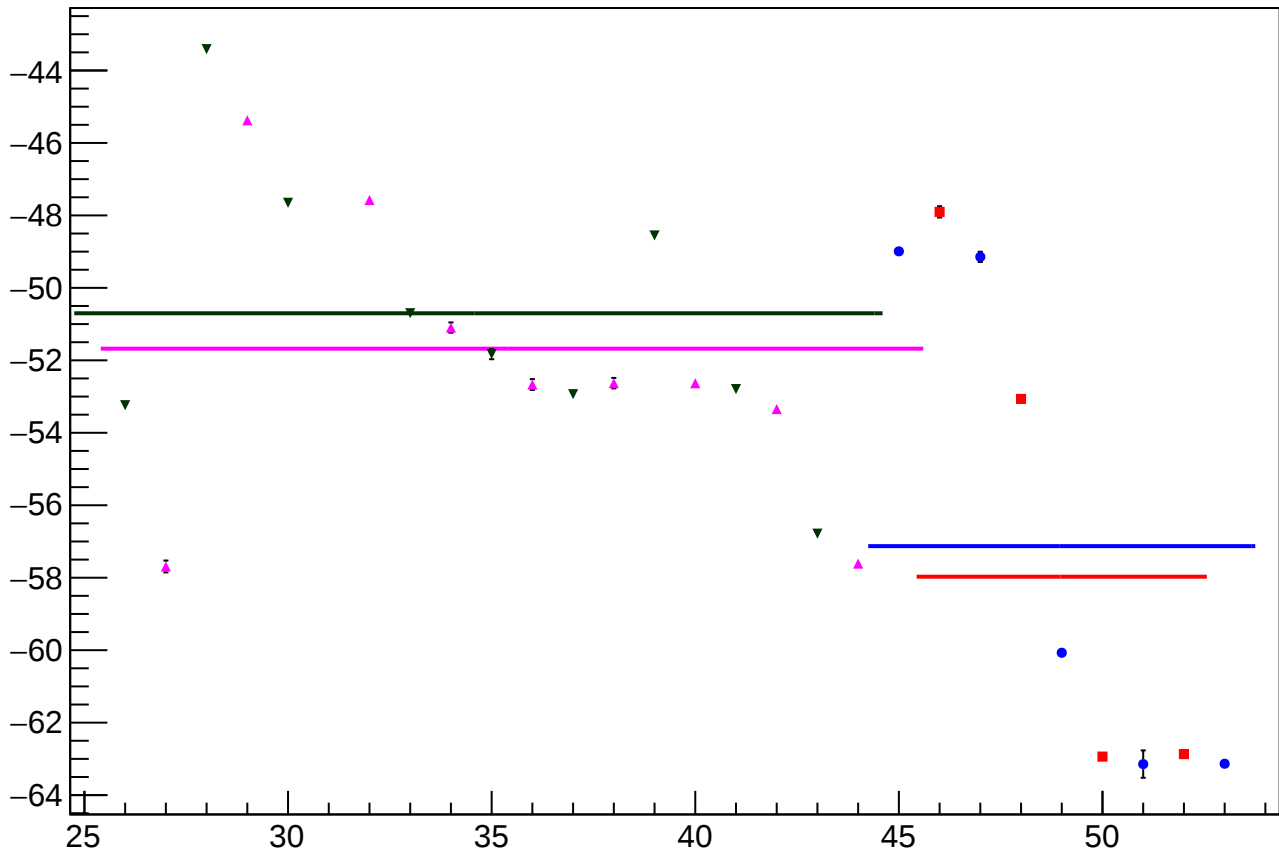
Right Out: 5.582 $\pm$ 0.353 χ^2 /NDF: 118.9/3

Left In: 4.402 $\pm$ 0.211 χ^2 /NDF: 267.4/8

3.641 $\pm$ 0.183 χ^2 /NDF: 431.9/13

4.712 $\pm$ 0.181 χ^2 /NDF: 394.5/12

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -57.128 $\pm$ 0.056 χ^2 /NDF: 10629.0/4

Left Out: -50.702 $\pm$ 0.043 χ^2 /NDF: 7639.1/8

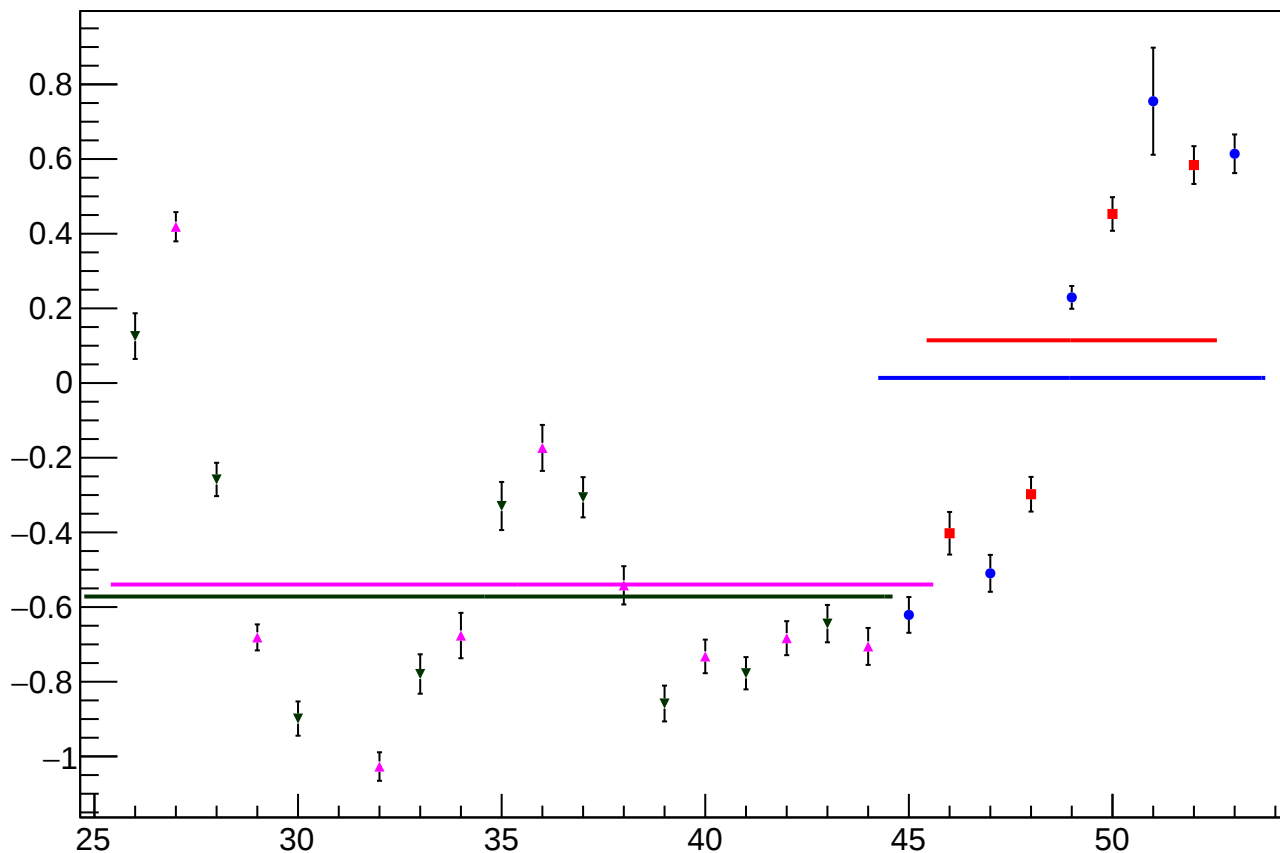
Right Out: -57.972 $\pm$ 0.064 χ^2 /NDF: 9090.2/3

Left In: -51.678 $\pm$ 0.043 χ^2 /NDF: 8312.3/8

-53.038 $\pm$ 0.034 χ^2 /NDF: 26509.8/13

-53.653 $\pm$ 0.036 χ^2 /NDF: 24034.7/12

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: 0.014 $\pm$ 0.021 χ^2 /NDF: 498.8/4

Left Out: -0.572 $\pm$ 0.017 χ^2 /NDF:344.3/8

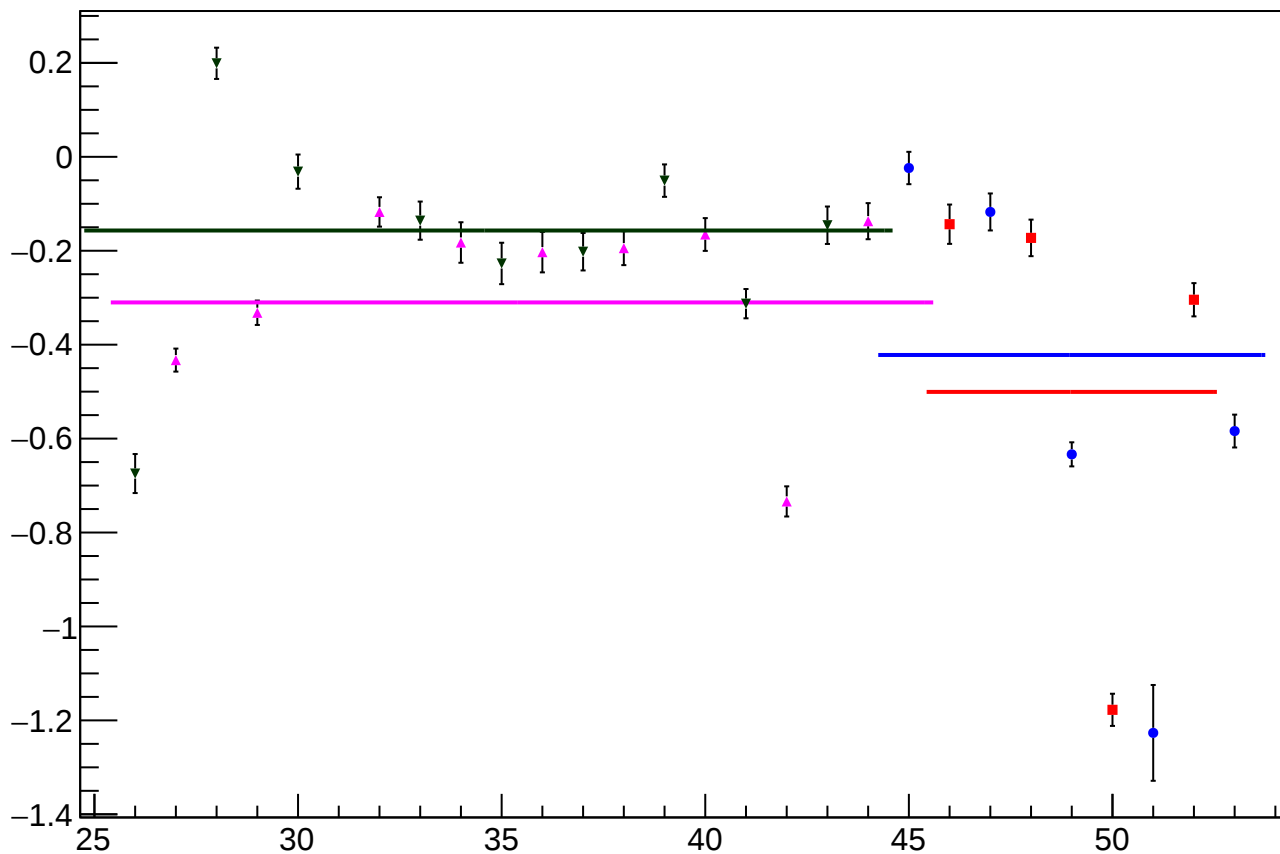
Right Out: 0.114 $\pm$ 0.025 χ^2 /NDF: 303.1/3

Left In: -0.540 $\pm$ 0.015 χ^2 /NDF:857.8/8

-0.340 $\pm$ 0.013 χ^2 /NDF: 1326.6/13

-0.363 $\pm$ 0.013 χ^2 /NDF: 1676.8/12

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.422 ± 0.016 χ^2/NDF : 345.1/4

Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

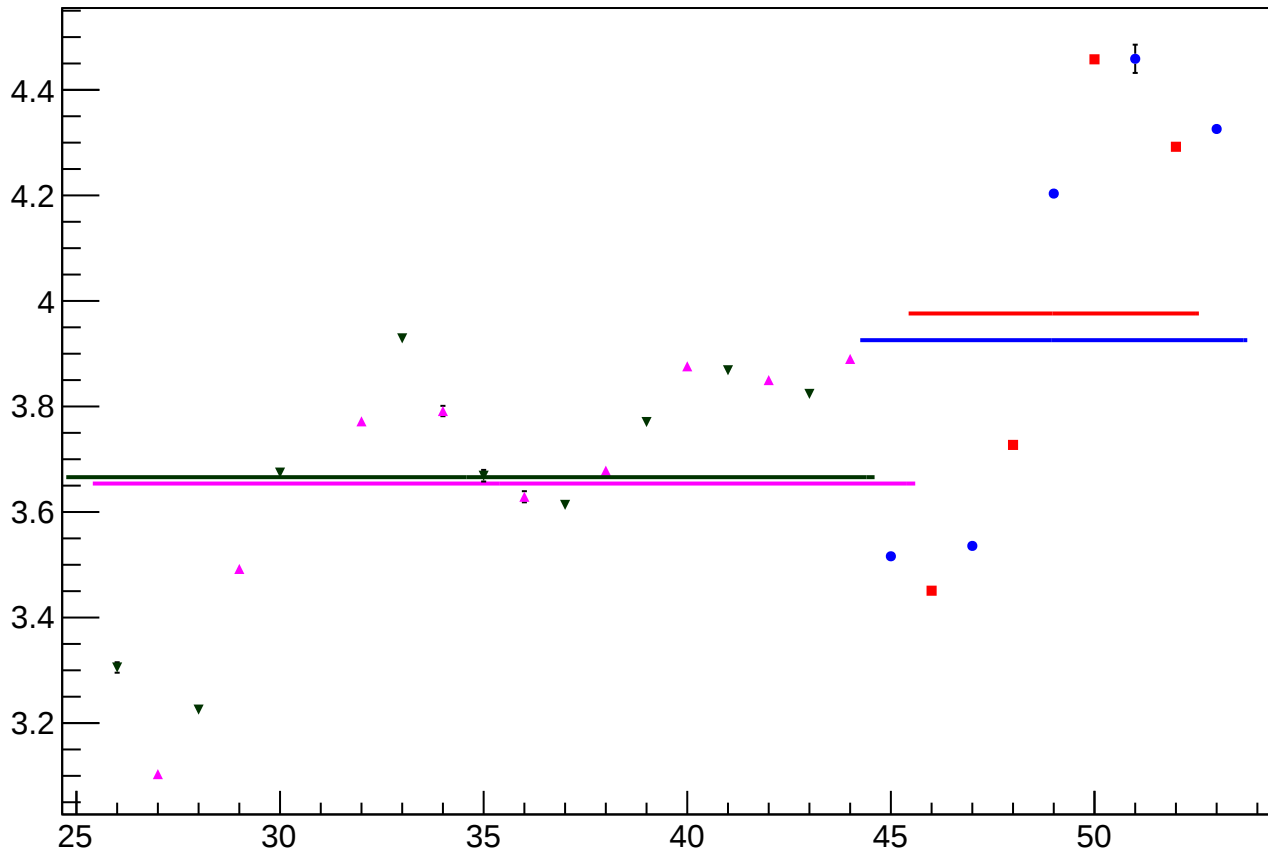
Right Out: -0.501 ± 0.019 χ^2/NDF : 565.2/3

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.257 ± 0.010 χ^2/NDF : 836.5/13

-0.358 ± 0.009 χ^2/NDF : 943.6/12

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.926+/-0.004 χ^2/NDF : 9403.7/4

Left Out: 3.666+/-0.003 χ^2/NDF : 6817.2/8

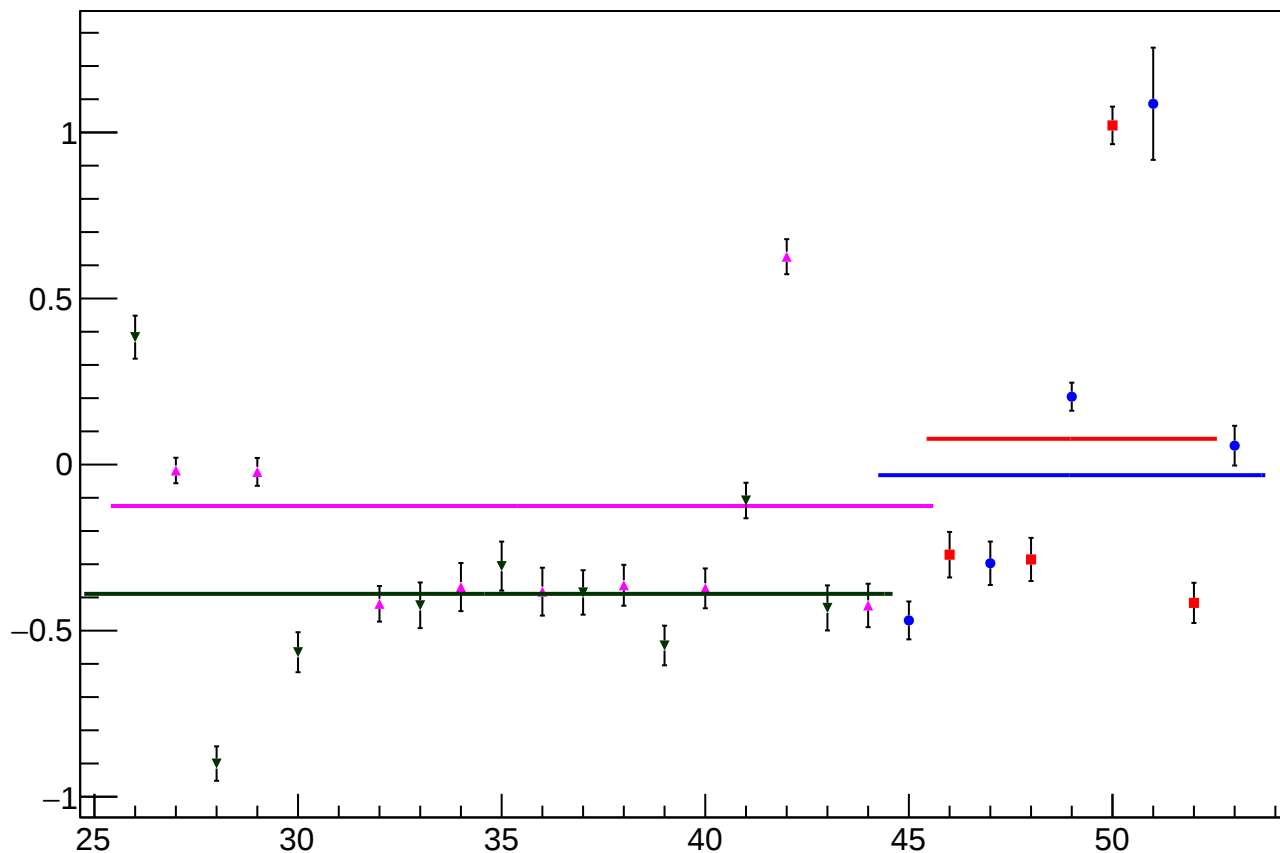
Right Out: 3.976+/-0.004 χ^2/NDF : 9003.1/3

Left In: 3.654+/-0.003 χ^2/NDF : 9613.6/8

3.759+/-0.002 χ^2/NDF : 19284.3/13

3.739+/-0.002 χ^2/NDF : 22745.7/12

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.032 ± 0.027 $\chi^2/\text{NDF}: 152.6/4$

Left Out: -0.389 ± 0.021 $\chi^2/\text{NDF}: 284.2/8$

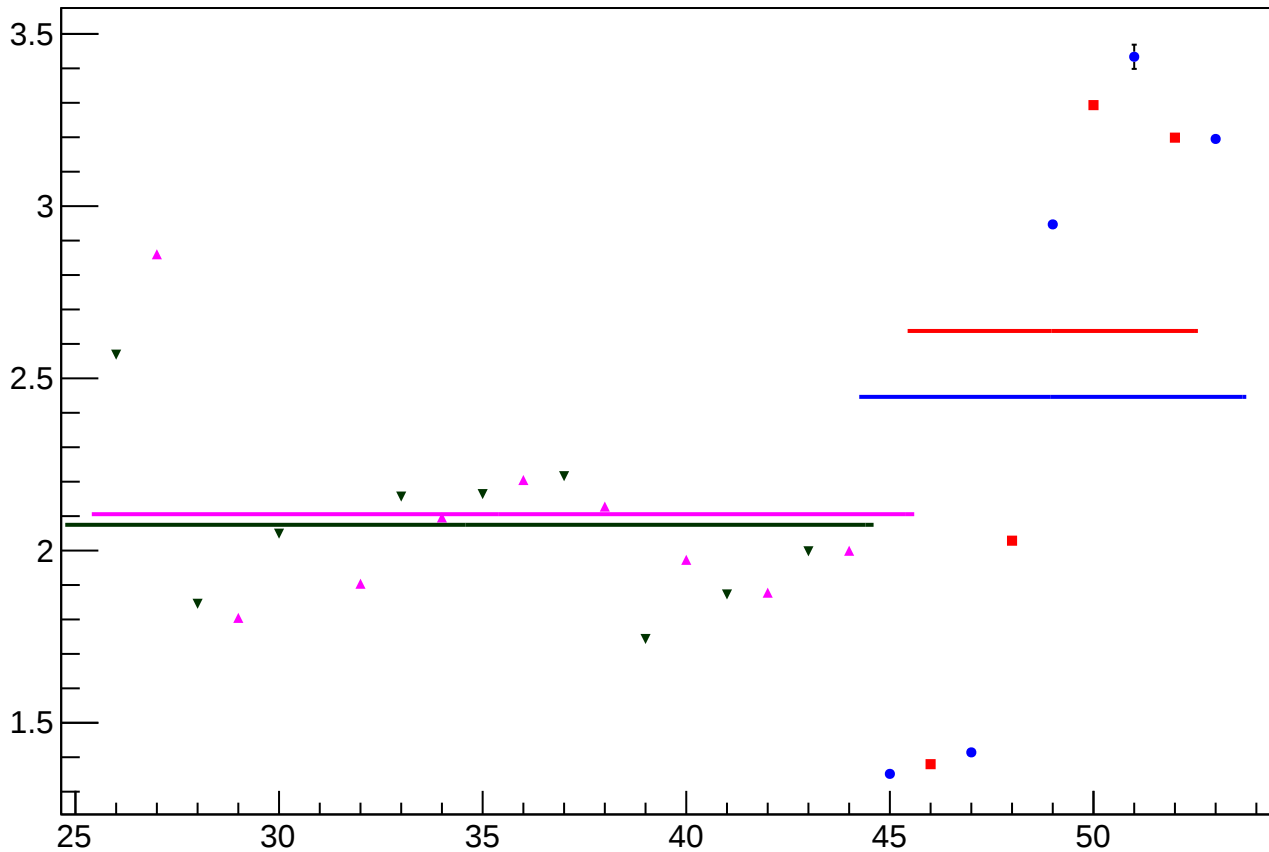
Right Out: 0.078 ± 0.031 $\chi^2/\text{NDF}: 402.5/3$

Left In: -0.125 ± 0.018 $\chi^2/\text{NDF}: 324.0/8$

-0.255 ± 0.016 $\chi^2/\text{NDF}: 549.8/13$

-0.074 ± 0.016 $\chi^2/\text{NDF}: 758.3/12$

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.446 ± 0.005 χ^2/NDF : 25319.4/4

Left Out: 2.075 ± 0.004 χ^2/NDF : 4111.6/8

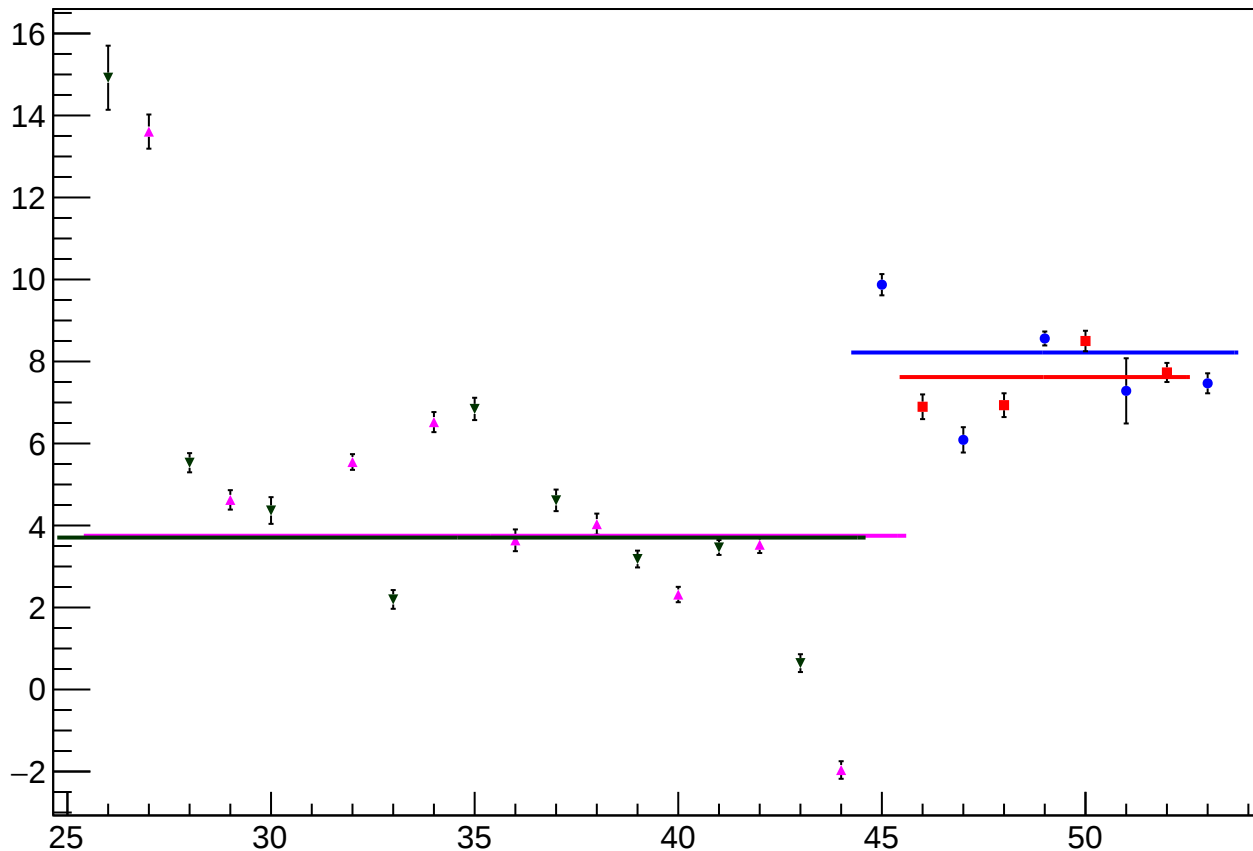
Right Out: 2.638 ± 0.006 χ^2/NDF : 18533.8/3

Left In: 2.106 ± 0.004 χ^2/NDF : 7840.1/8

2.205 ± 0.003 χ^2/NDF : 32908.1/13

2.270 ± 0.003 χ^2/NDF : 32577.8/12

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.219+/-0.113 χ^2/NDF : 103.1/4

Left Out: 3.706+/-0.081 χ^2/NDF : 665.5/8

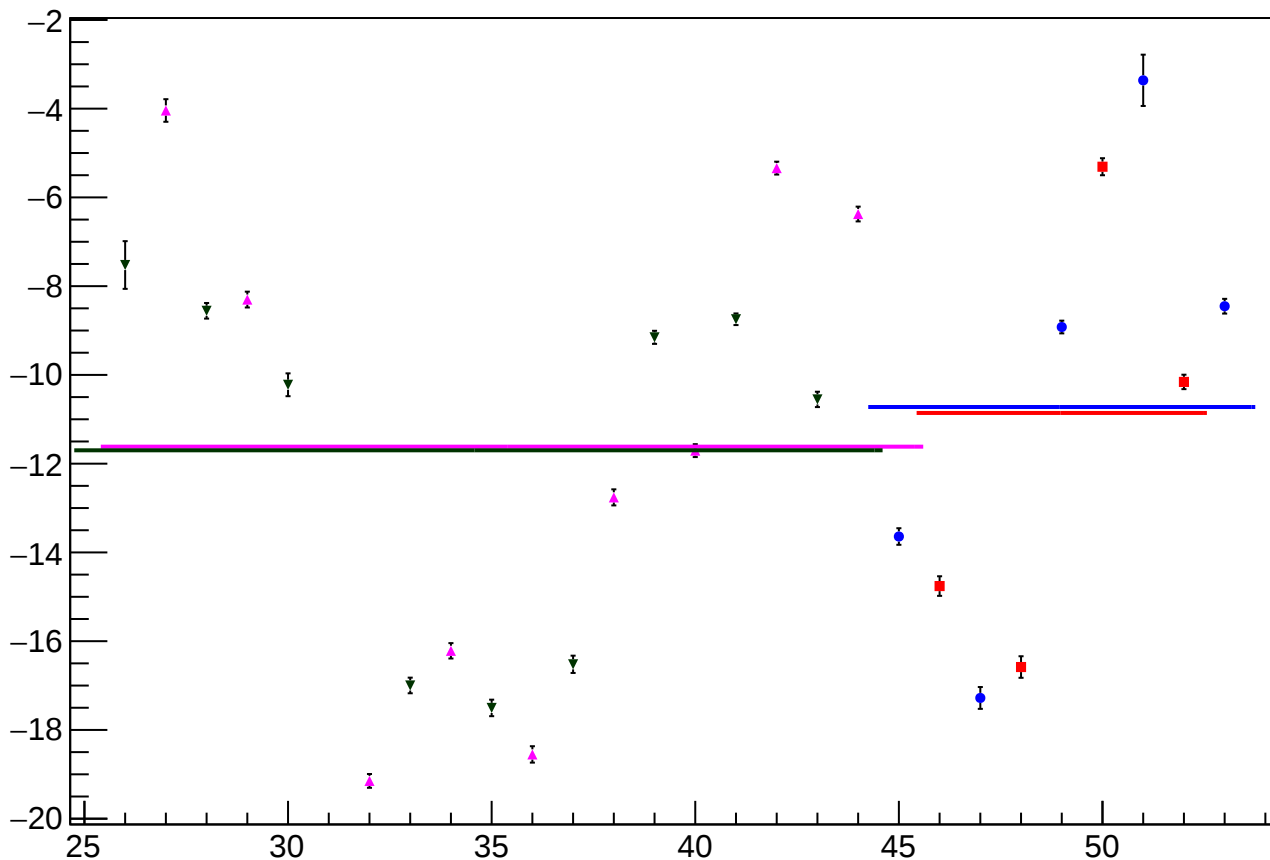
Right Out: 7.620+/-0.132 χ^2/NDF : 24.0/3

Left In: 3.750+/-0.076 χ^2/NDF : 1560.3/8

5.241+/-0.066 χ^2/NDF : 1820.0/13

4.720+/-0.066 χ^2/NDF : 2227.2/12

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -10.723+/-0.087 χ^2/NDF : 1461.4/4

Left Out: -11.699+/-0.060 χ^2/NDF : 3753.7/8

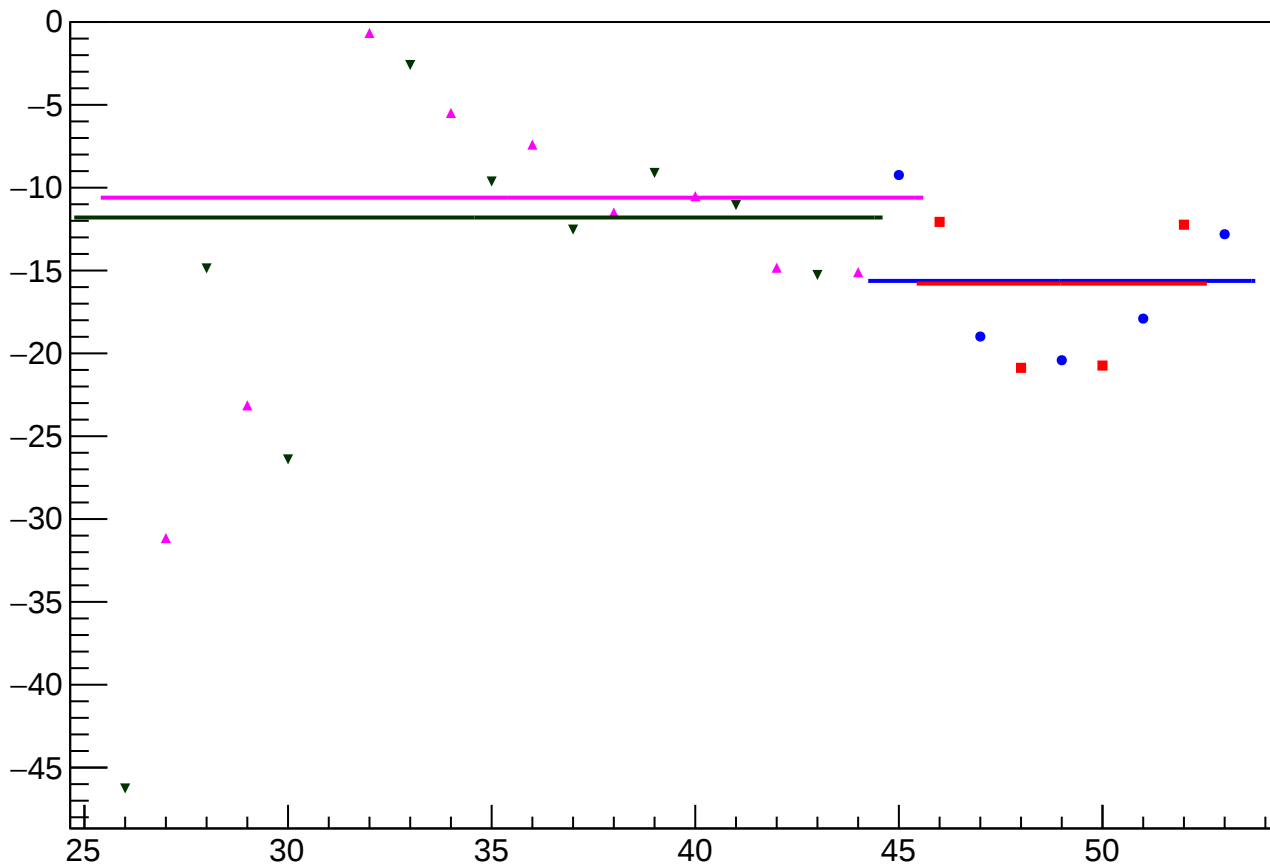
Right Out: -10.857+/-0.099 χ^2/NDF : 1722.4/3

Left In: -11.617+/-0.057 χ^2/NDF : 8593.1/8

-11.382+/-0.049 χ^2/NDF : 5300.6/13

-11.429+/-0.049 χ^2/NDF : 10360.0/12

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -15.626 $\pm$ 0.021 χ^2 /NDF: 51419.5/4

Left Out: -11.800 $\pm$ 0.014 χ^2 /NDF: 232573.7/8

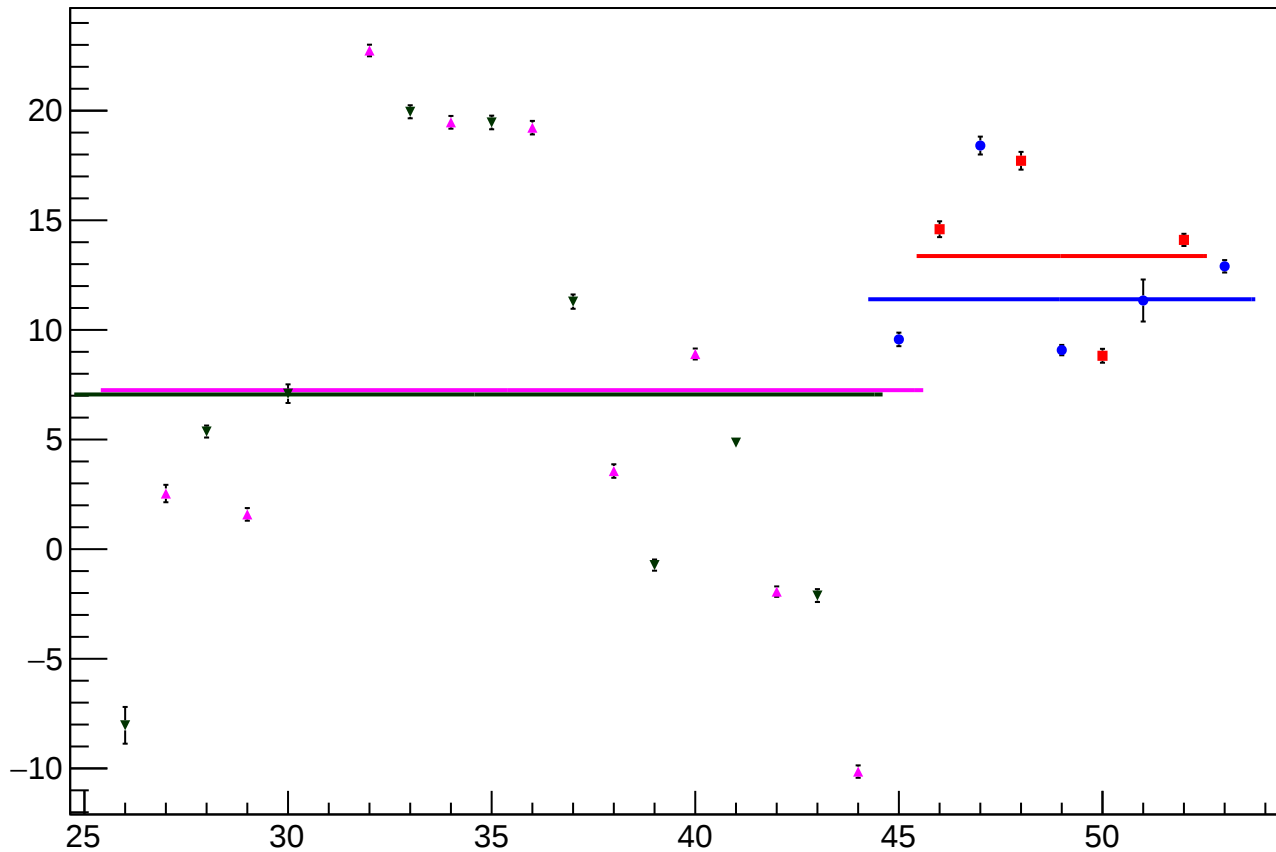
Right Out: -15.790 $\pm$ 0.023 χ^2 /NDF: 34427.5/3

Left In: -10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-12.961 $\pm$ 0.011 χ^2 /NDF: 308155.4/13

-11.841 $\pm$ 0.011 χ^2 /NDF: 393684.4/12

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 11.398+/-0.145 χ^2/NDF : 454.6/4

Left Out: 7.056+/-0.101 χ^2/NDF : 5984.3/8

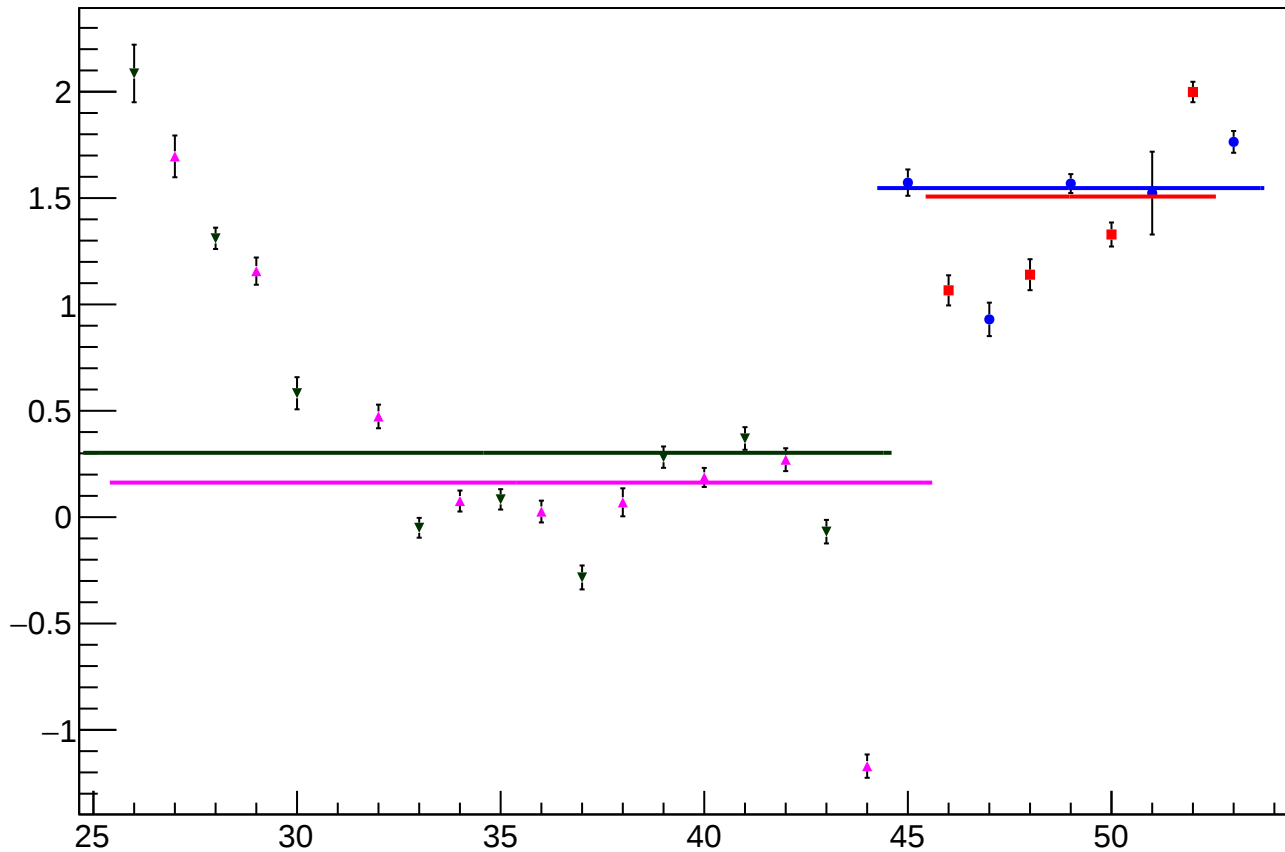
Right Out: 13.369+/-0.165 χ^2/NDF : 339.8/3

Left In: 7.252+/-0.095 χ^2/NDF : 12651.2/8

8.482+/-0.083 χ^2/NDF : 7045.1/13

8.764+/-0.082 χ^2/NDF : 14022.6/12

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.547 $\pm$ 0.027 χ^2/NDF : 80.1/4

Left Out: 0.303 $\pm$ 0.019 χ^2/NDF : 825.4/8

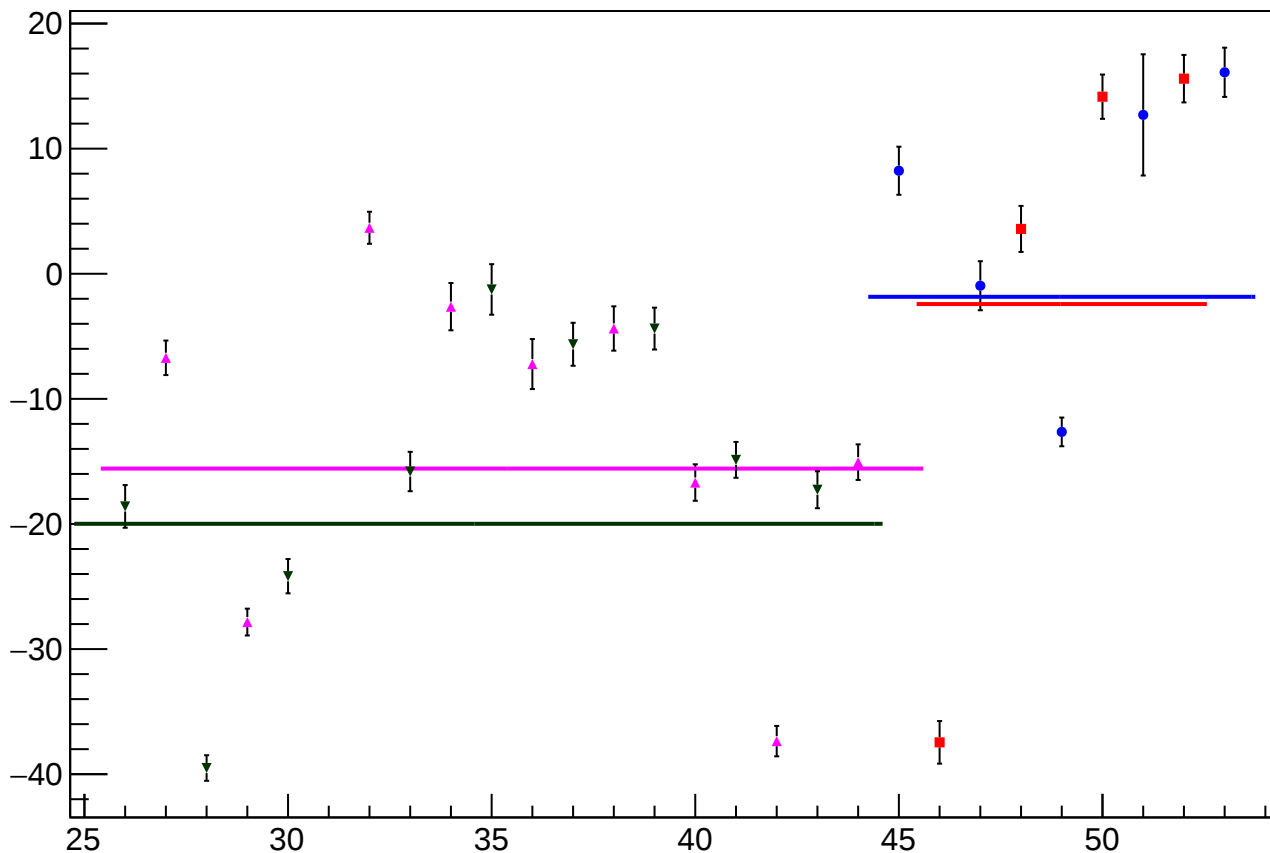
Right Out: 1.507 $\pm$ 0.030 χ^2/NDF : 178.9/3

Left In: 0.162 $\pm$ 0.019 χ^2/NDF : 1123.7/8

0.694 $\pm$ 0.015 χ^2/NDF : 2325.3/13

0.543 $\pm$ 0.016 χ^2/NDF : 2773.5/12

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -1.842 $\pm$ 0.792 χ^2 /NDF: 208.6/4

Left Out: -19.986 $\pm$ 0.492 χ^2 /NDF: 641.4/8

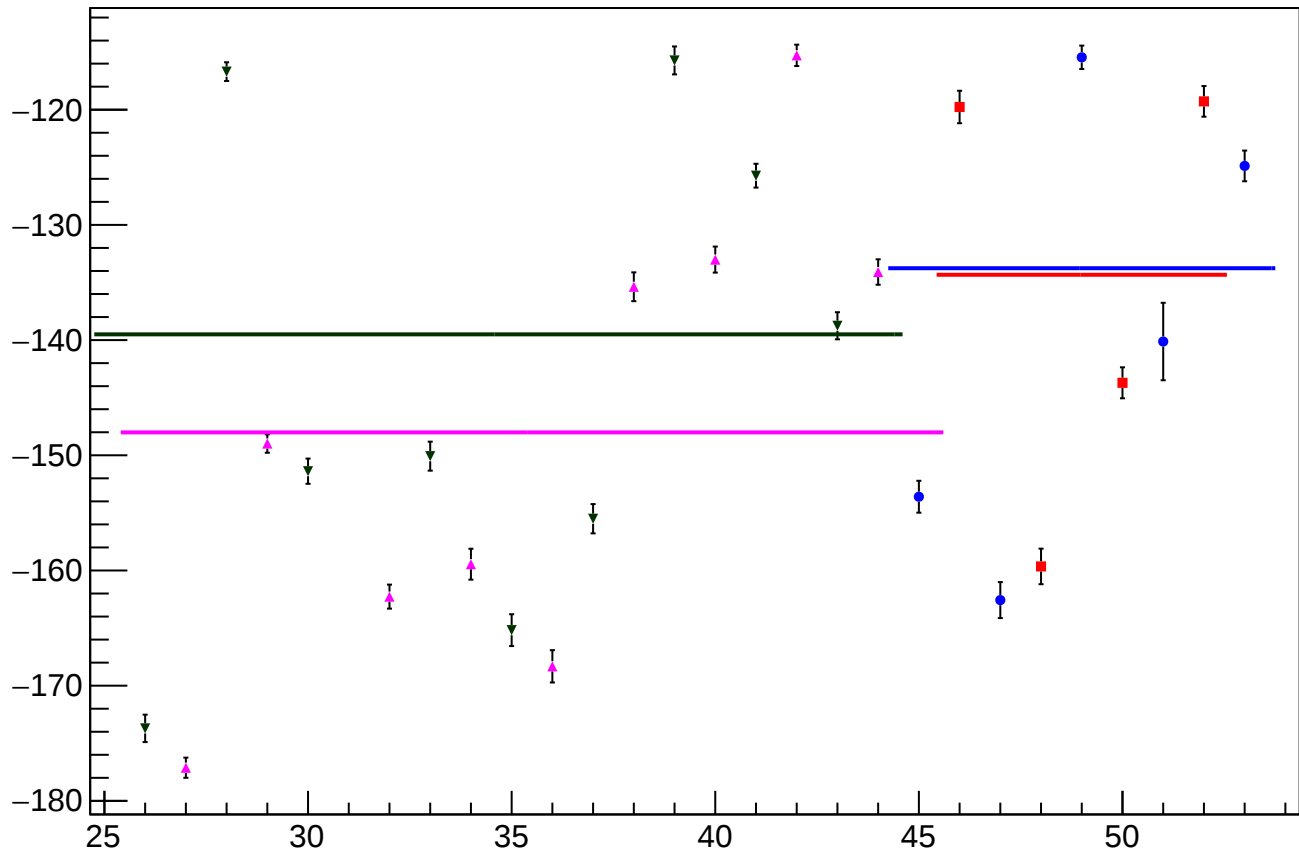
Right Out: -2.422 $\pm$ 0.899 χ^2 /NDF: 611.2/3

Left In: -15.574 $\pm$ 0.472 χ^2 /NDF: 824.1/8

-14.931 $\pm$ 0.418 χ^2 /NDF: 1228.2/13

-12.736 $\pm$ 0.418 χ^2 /NDF: 1603.2/12

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -133.761 ± 0.626 χ^2/NDF : 917.9/4

Left Out: -139.501 ± 0.374 χ^2/NDF : 2866.7/8

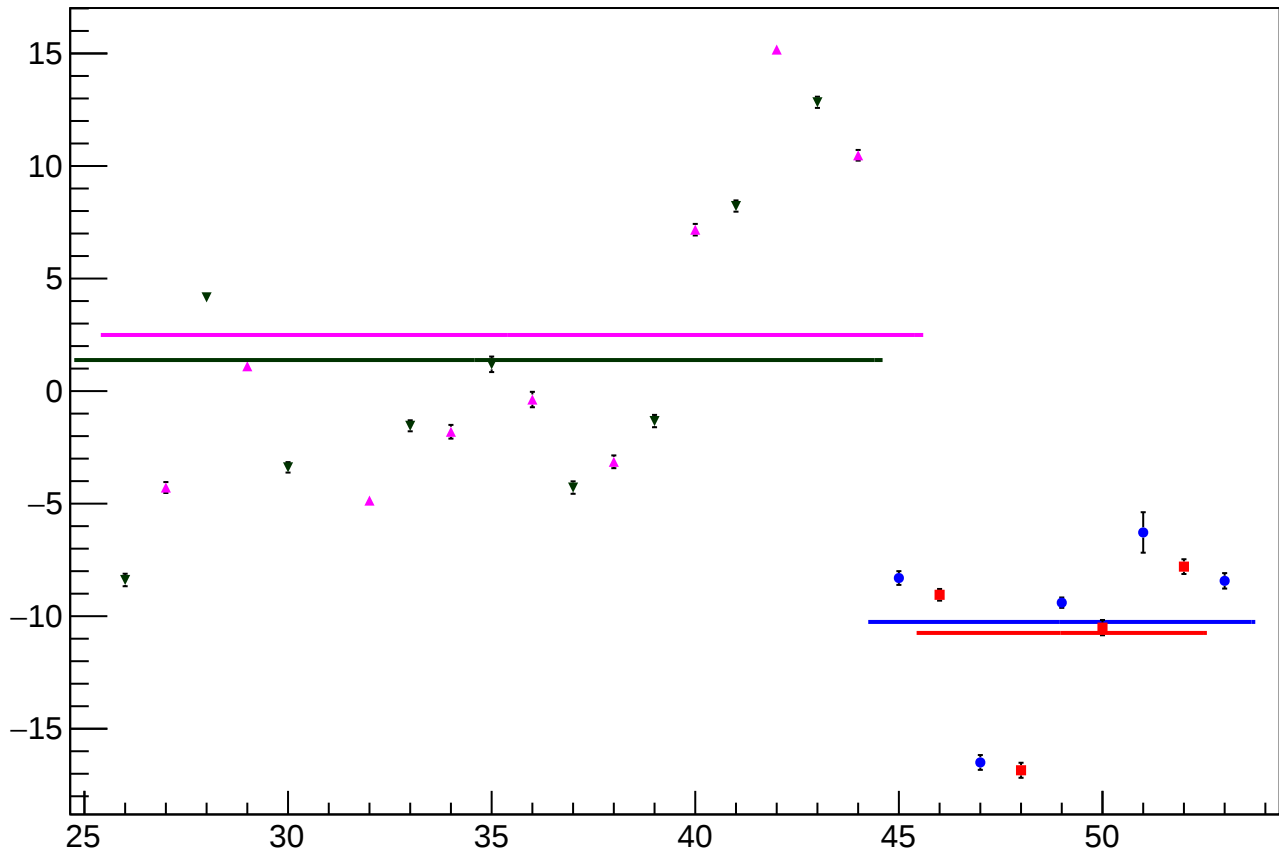
Right Out: -134.330 ± 0.700 χ^2/NDF : 552.7/3

Left In: -148.011 ± 0.348 χ^2/NDF : 3260.7/8

-137.993 ± 0.321 χ^2/NDF : 3846.6/13

-145.300 ± 0.312 χ^2/NDF : 4119.6/12

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -10.255+/-0.144 χ^2/NDF : 461.4/4

Left Out: 1.380+/-0.083 χ^2/NDF : 5402.0/8

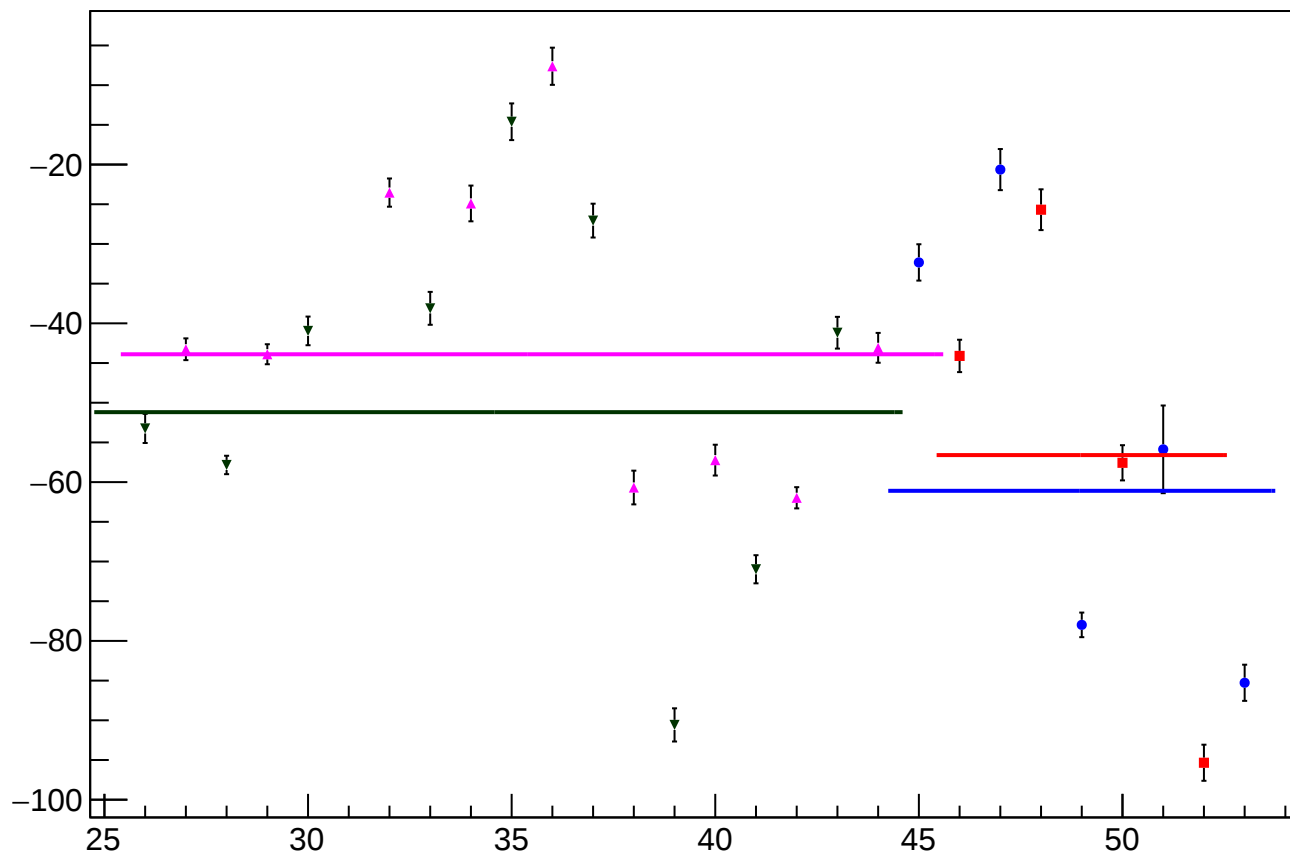
Right Out: -10.744+/-0.155 χ^2/NDF : 457.3/3

Left In: 2.493+/-0.081 χ^2/NDF : 7773.1/8

-1.551+/-0.072 χ^2/NDF : 10778.8/13

-0.363+/-0.072 χ^2/NDF : 13973.4/12

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -61.095 $\pm$ 1.009 χ^2 /NDF: 634.5/4

Left Out: -51.187 $\pm$ 0.599 χ^2 /NDF: 989.9/8

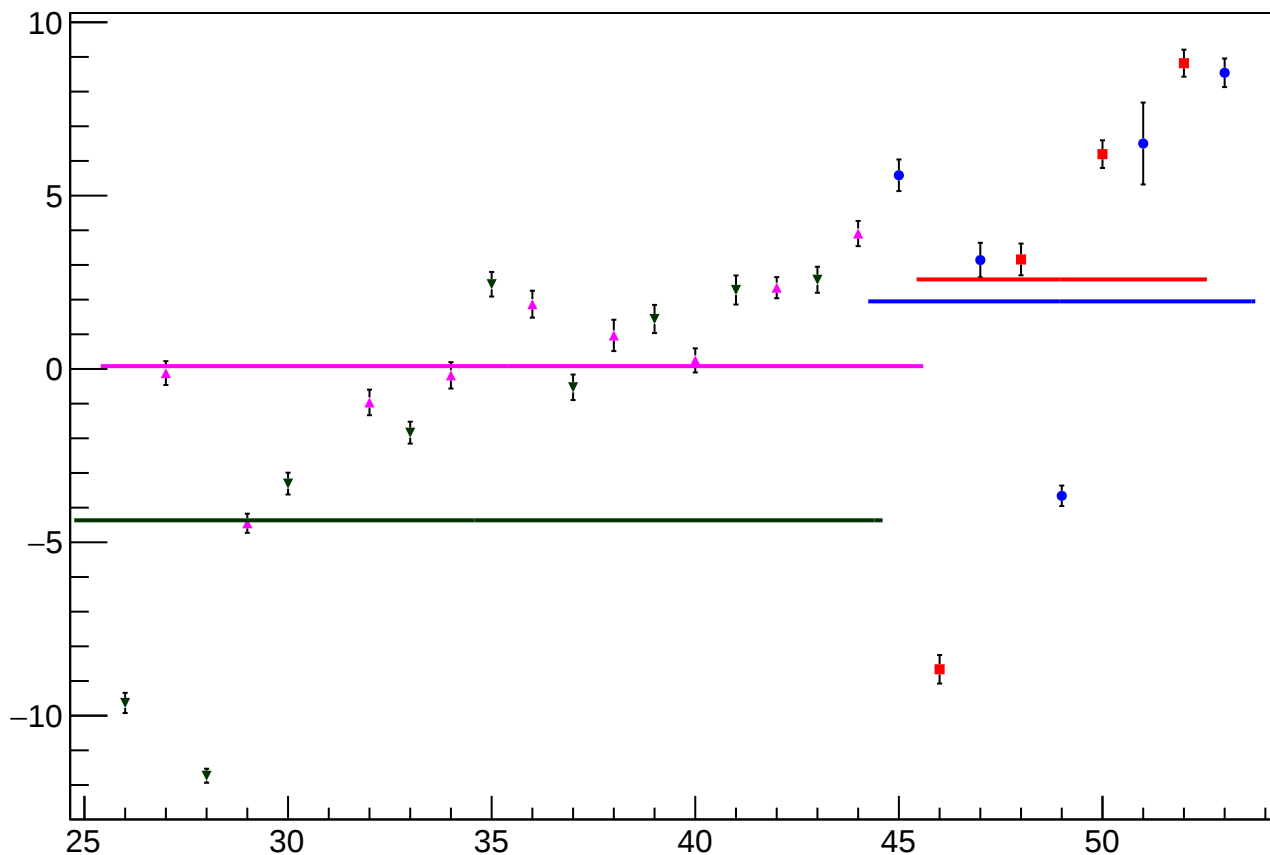
Right Out: -56.595 $\pm$ 1.126 χ^2 /NDF: 473.0/3

Left In: -43.897 $\pm$ 0.560 χ^2 /NDF: 735.5/8

-53.771 $\pm$ 0.515 χ^2 /NDF: 1695.7/13

-46.416 $\pm$ 0.501 χ^2 /NDF: 1310.5/12

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 1.950 ± 0.193 $\chi^2/\text{NDF}: 701.4/4$

Left Out: -4.365 ± 0.105 $\chi^2/\text{NDF}: 2995.2/8$

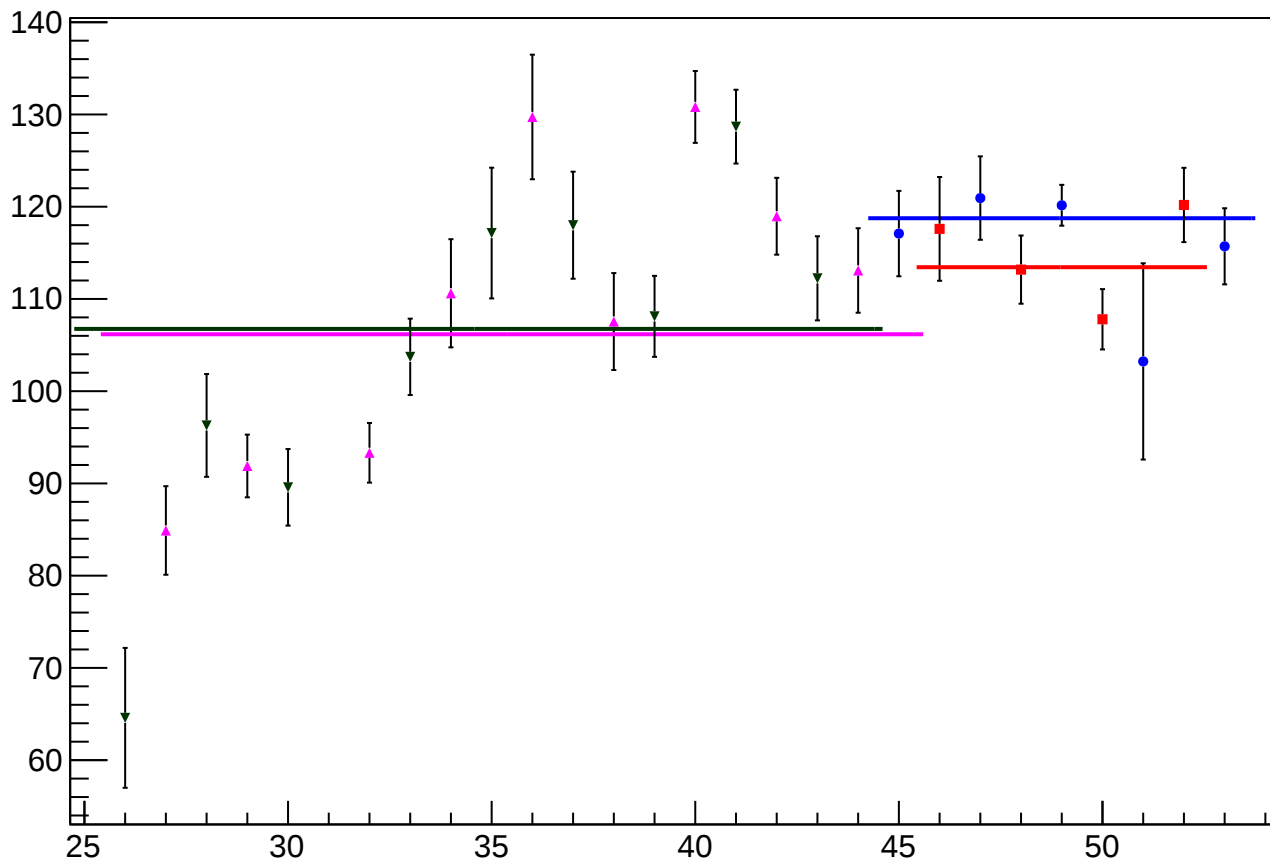
Right Out: 2.583 ± 0.206 $\chi^2/\text{NDF}: 1084.9/3$

Left In: 0.082 ± 0.116 $\chi^2/\text{NDF}: 470.0/8$

-2.916 ± 0.092 $\chi^2/\text{NDF}: 4524.2/13$

0.685 ± 0.101 $\chi^2/\text{NDF}: 1666.5/12$

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 118.751 $\pm$ 1.650 χ^2 /NDF: 3.4/4

Left Out: 106.753 $\pm$ 1.626 χ^2 /NDF: 89.6/8

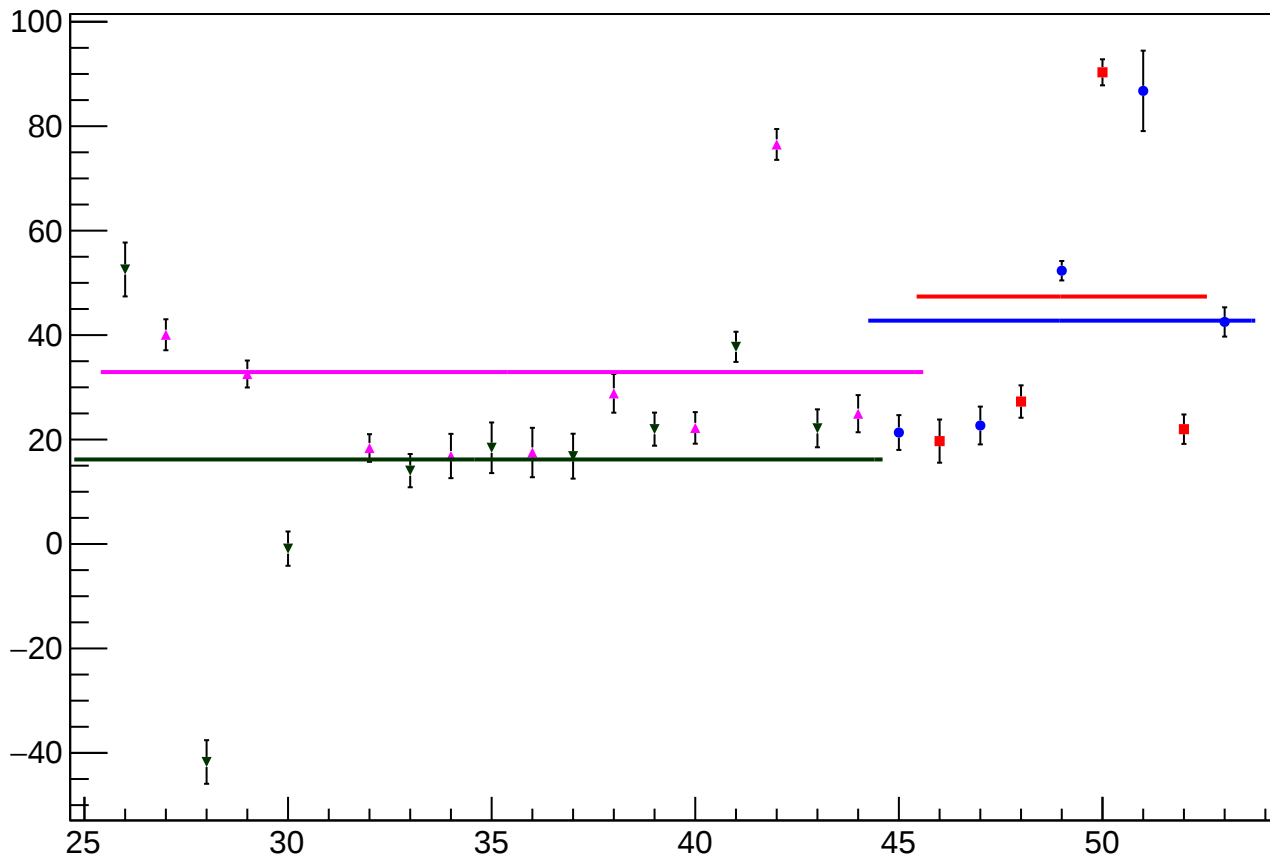
Right Out: 113.441 $\pm$ 1.961 χ^2 /NDF: 6.3/3

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF: 117.6/8

112.664 $\pm$ 1.158 χ^2 /NDF: 119.8/13

108.712 $\pm$ 1.159 χ^2 /NDF: 132.9/12

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 42.768 ± 1.292 χ^2/NDF : 131.2/4

Left Out: 16.187 ± 1.214 χ^2/NDF : 331.6/8

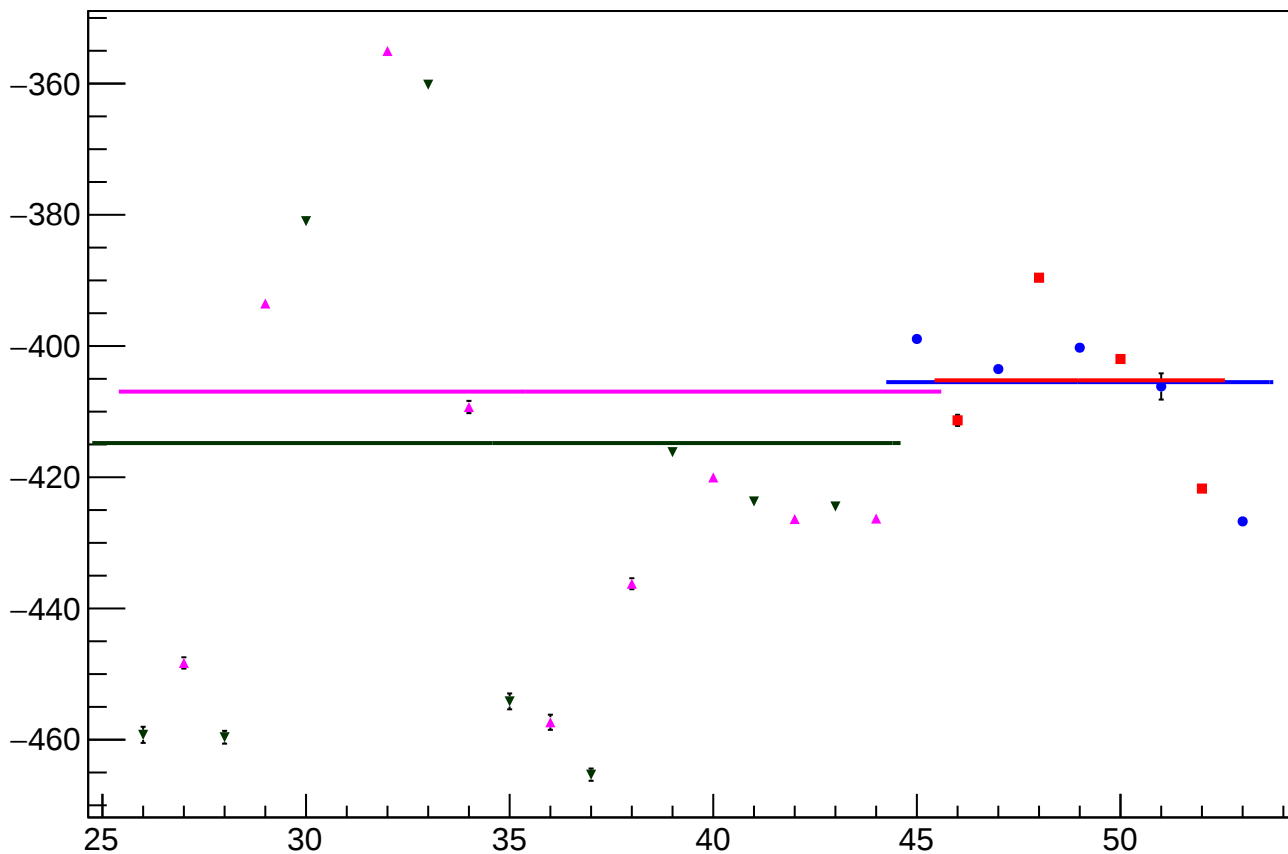
Right Out: 47.383 ± 1.492 χ^2/NDF : 464.8/3

Left In: 32.922 ± 1.064 χ^2/NDF : 297.8/8

28.652 ± 0.885 χ^2/NDF : 687.6/13

37.798 ± 0.866 χ^2/NDF : 824.8/12

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -405.504+/-0.308 χ^2/NDF : 1083.9/4

Left Out: -414.789+/-0.271 χ^2/NDF : 17193.7/8

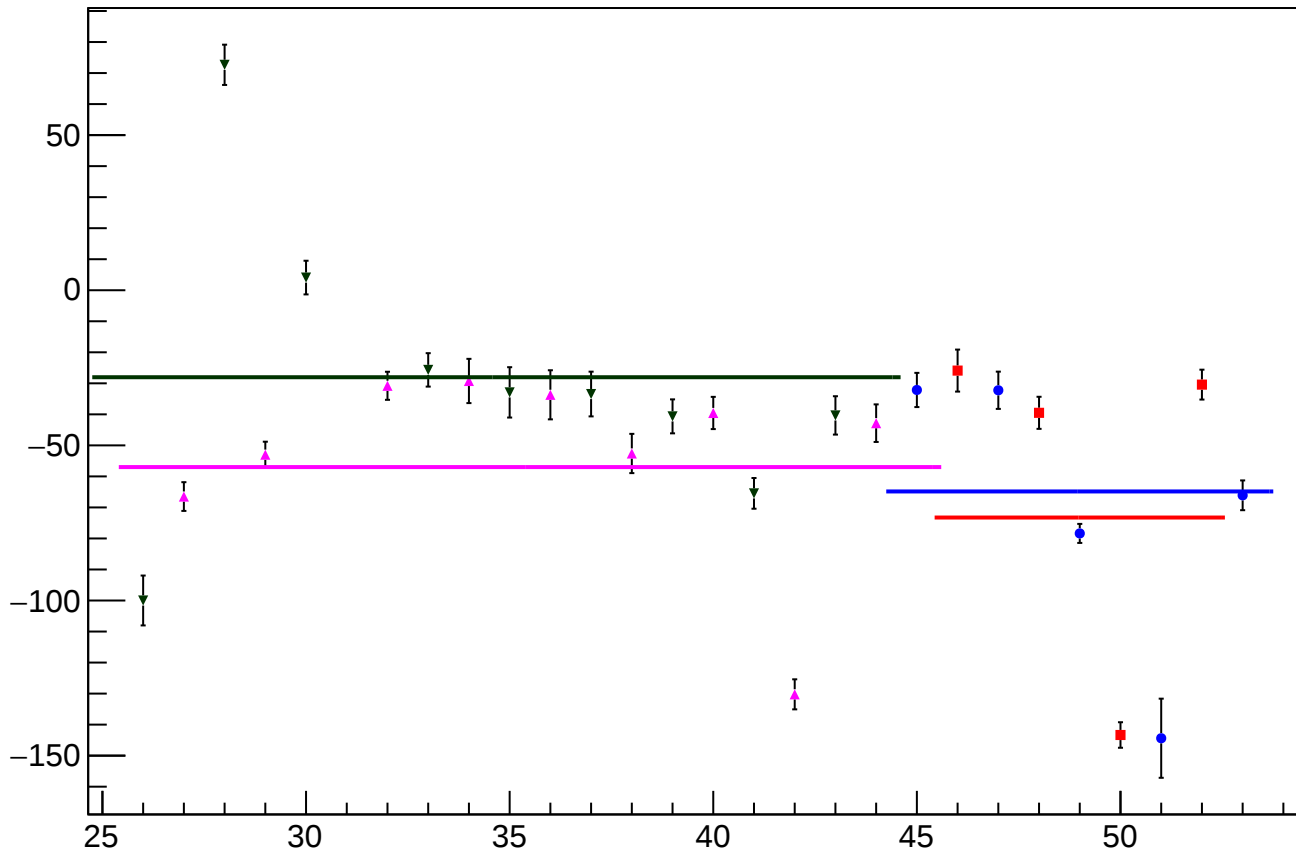
Right Out: -405.225+/-0.350 χ^2/NDF : 1173.2/3

Left In: -406.947+/-0.246 χ^2/NDF : 18132.7/8

-410.733+/-0.204 χ^2/NDF : 18789.7/13

-406.377+/-0.201 χ^2/NDF : 19322.2/12

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -64.849 ± 2.149 χ^2/NDF : 123.1/4

Left Out: -28.036 ± 2.031 χ^2/NDF : 423.4/8

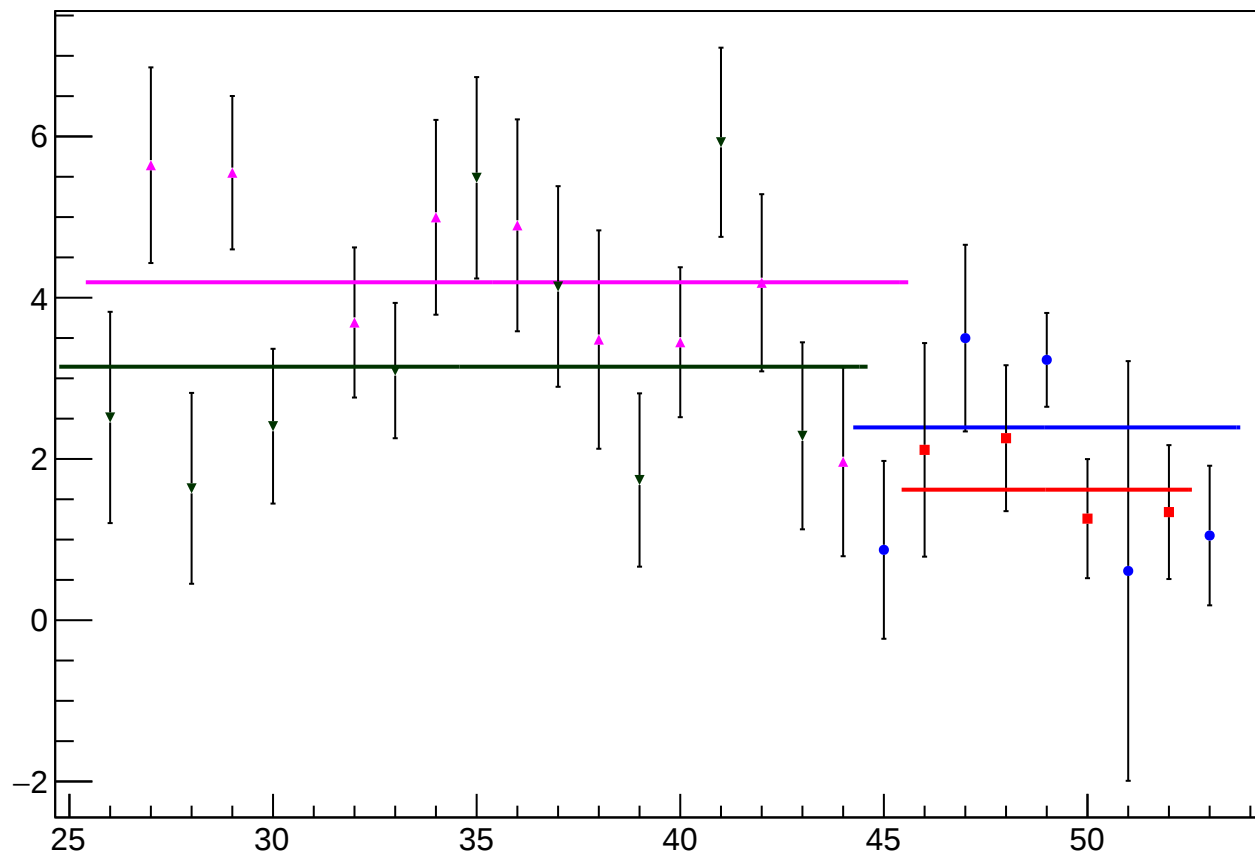
Right Out: -73.255 ± 2.489 χ^2/NDF : 461.0/3

Left In: -56.994 ± 1.767 χ^2/NDF : 308.6/8

-45.404 ± 1.476 χ^2/NDF : 701.5/13

-62.444 ± 1.441 χ^2/NDF : 797.9/12

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 2.391 $\pm$ 0.408 χ^2/NDF : 7.8/4

Left Out: 3.144 $\pm$ 0.367 χ^2/NDF :14.5/8

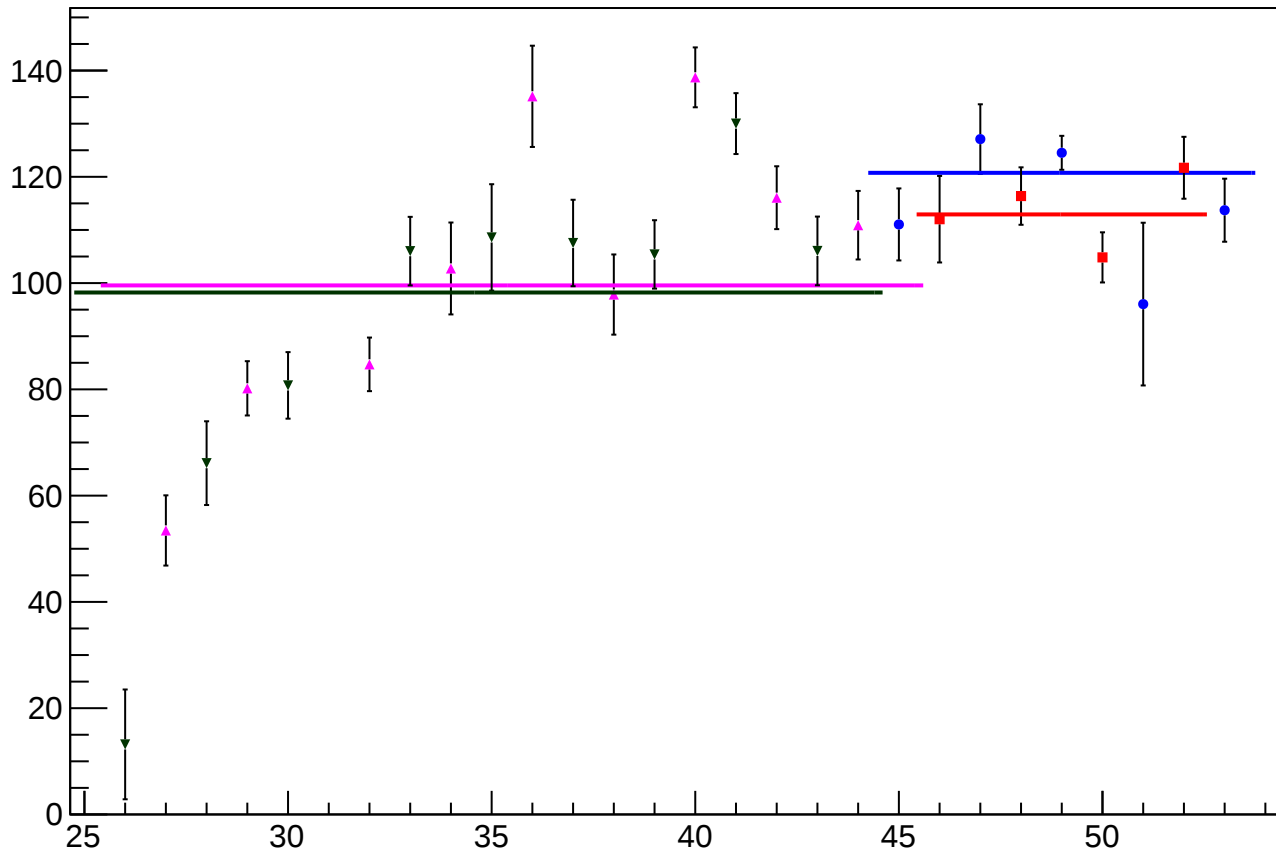
Right Out: 1.619 $\pm$ 0.444 χ^2/NDF : 1.0/3

Left In: 4.191 $\pm$ 0.366 χ^2/NDF :9.0/8

2.808 $\pm$ 0.273 χ^2/NDF : 24.1/13

3.150 $\pm$ 0.282 χ^2/NDF : 30.0/12

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 120.751 ± 2.386 $\chi^2/\text{NDF}: 8.4/4$

Left Out: 98.229 ± 2.366 $\chi^2/\text{NDF}: 129.5/8$

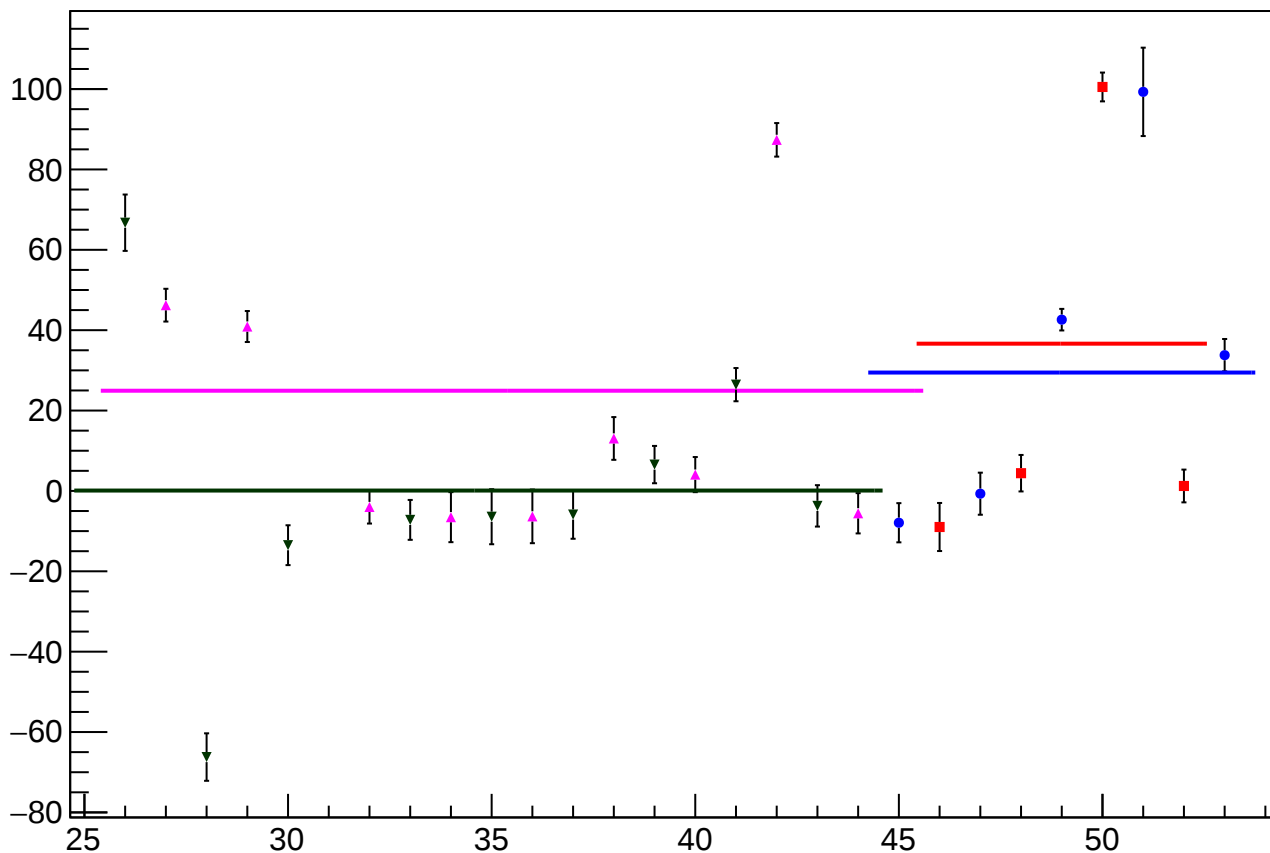
Right Out: 112.924 ± 2.843 $\chi^2/\text{NDF}: 5.6/3$

Left In: 99.563 ± 2.101 $\chi^2/\text{NDF}: 145.0/8$

109.396 ± 1.680 $\chi^2/\text{NDF}: 182.8/13$

104.281 ± 1.690 $\chi^2/\text{NDF}: 164.9/12$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 29.459+/-1.865 χ^2/NDF : 157.5/4

Left Out: 0.093+/-1.763 χ^2/NDF :271.1/8

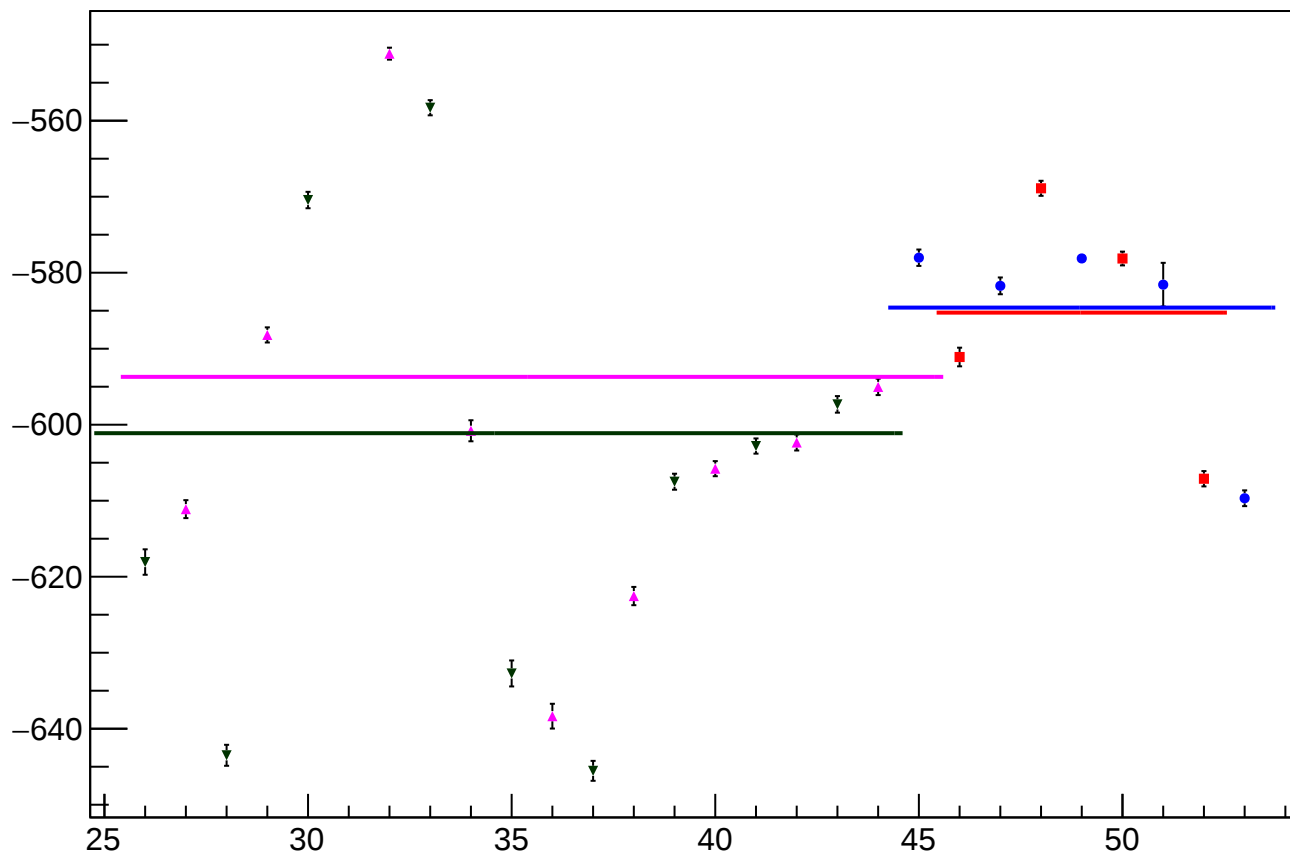
Right Out: 36.643+/-2.159 χ^2/NDF : 501.6/3

Left In: 24.935+/-1.545 χ^2/NDF :429.4/8

13.952+/-1.281 χ^2/NDF : 559.5/13

28.898+/-1.256 χ^2/NDF : 950.4/12

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -584.590+/-0.445 χ^2/NDF : 726.2/4

Left Out: -601.116+/-0.395 χ^2/NDF : 5229.3/8

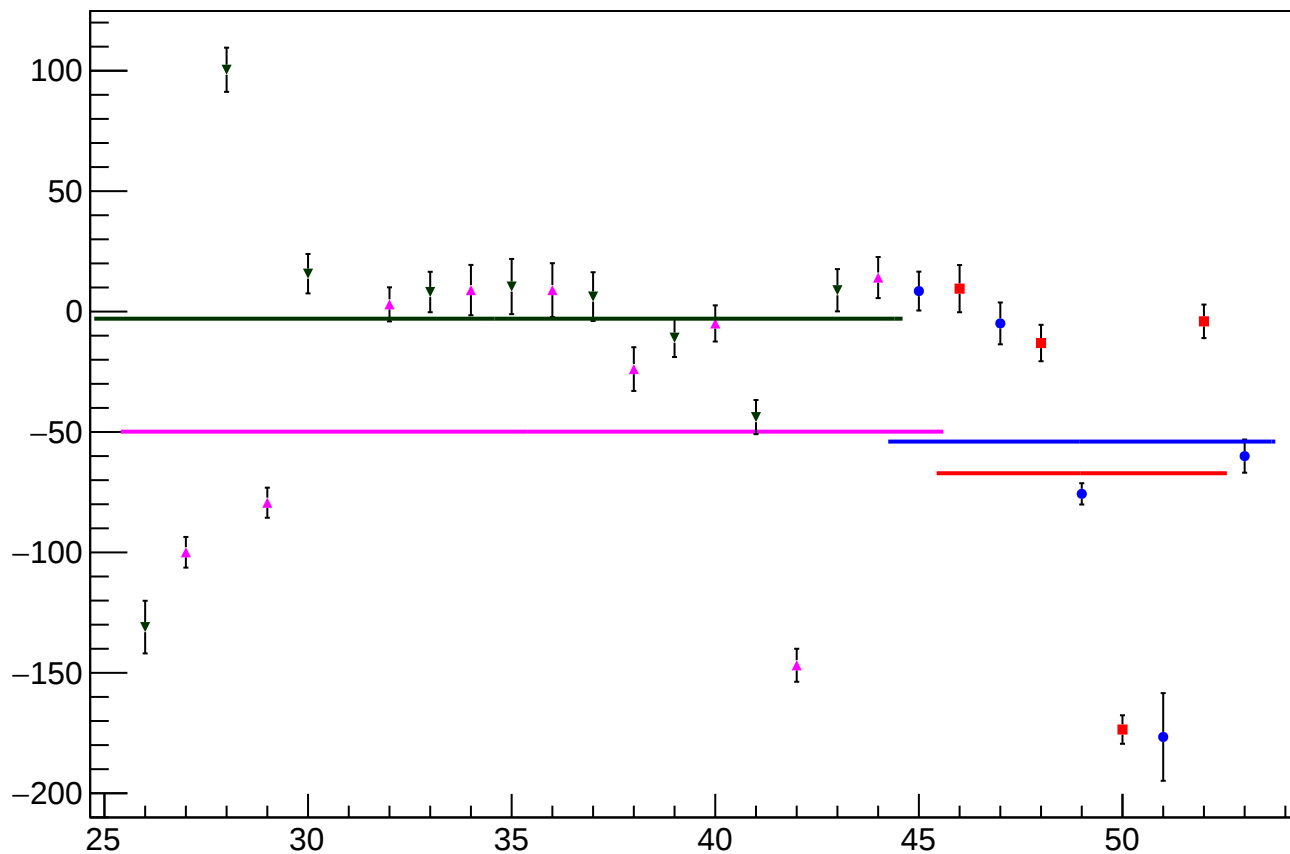
Right Out: -585.252+/-0.507 χ^2/NDF : 827.1/3

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-593.838+/-0.296 χ^2/NDF : 6726.2/13

-590.869+/-0.294 χ^2/NDF : 5743.4/12

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -53.974 ± 3.102 $\chi^2/\text{NDF}: 162.1/4$

Left Out: -2.951 ± 2.946 $\chi^2/\text{NDF}: 309.3/8$

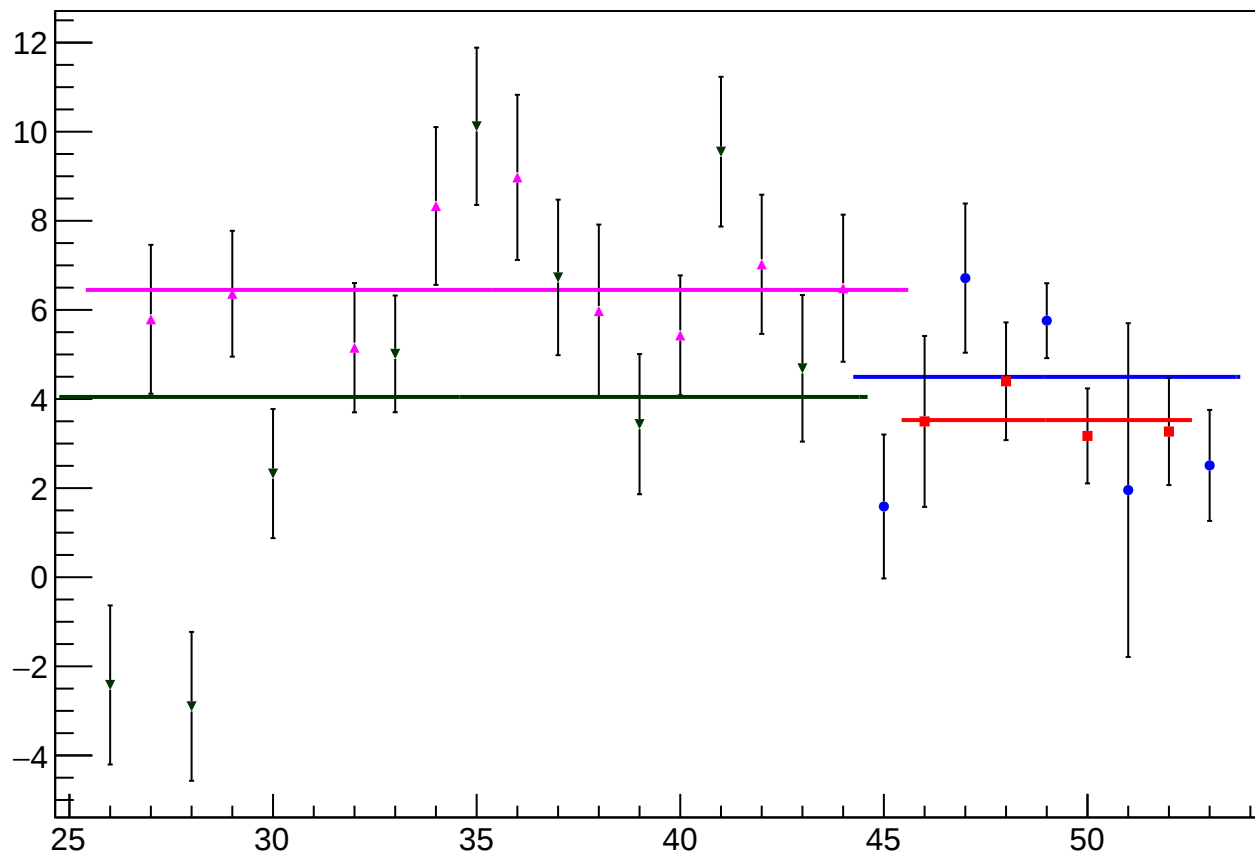
Right Out: -67.127 ± 3.602 $\chi^2/\text{NDF}: 517.8/3$

Left In: -49.855 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

-27.150 ± 2.136 $\chi^2/\text{NDF}: 613.7/13$

-55.655 ± 2.088 $\chi^2/\text{NDF}: 1033.1/12$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.497 ± 0.590 χ^2/NDF : 10.3/4

Left Out: 4.047 ± 0.534 χ^2/NDF : 57.6/8

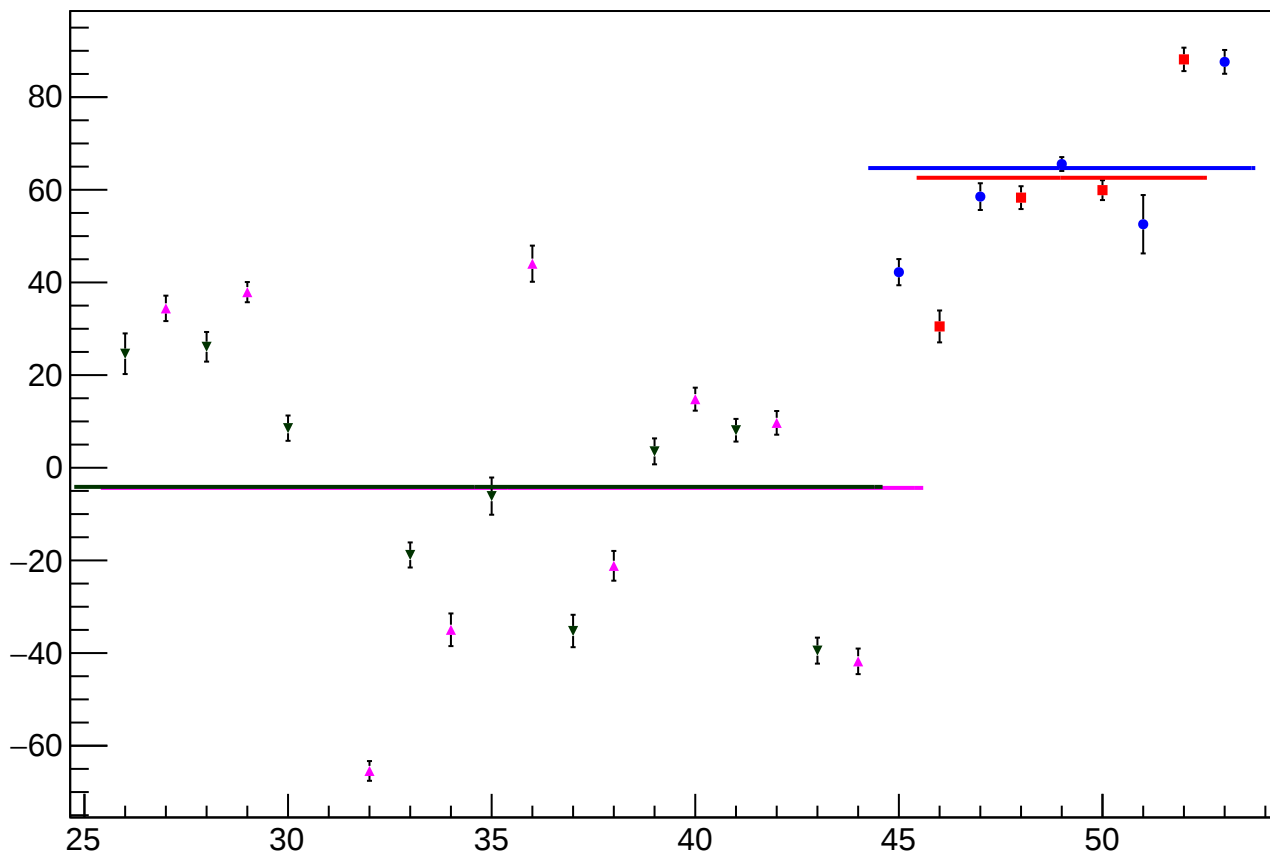
Right Out: 3.527 ± 0.643 χ^2/NDF : 0.6/3

Left In: 6.449 ± 0.532 χ^2/NDF : 4.7/8

4.249 ± 0.396 χ^2/NDF : 68.2/13

5.263 ± 0.410 χ^2/NDF : 17.6/12

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 64.691+/-1.074 χ^2/NDF : 151.4/4

Left Out: -4.129+/-1.007 χ^2/NDF : 453.7/8

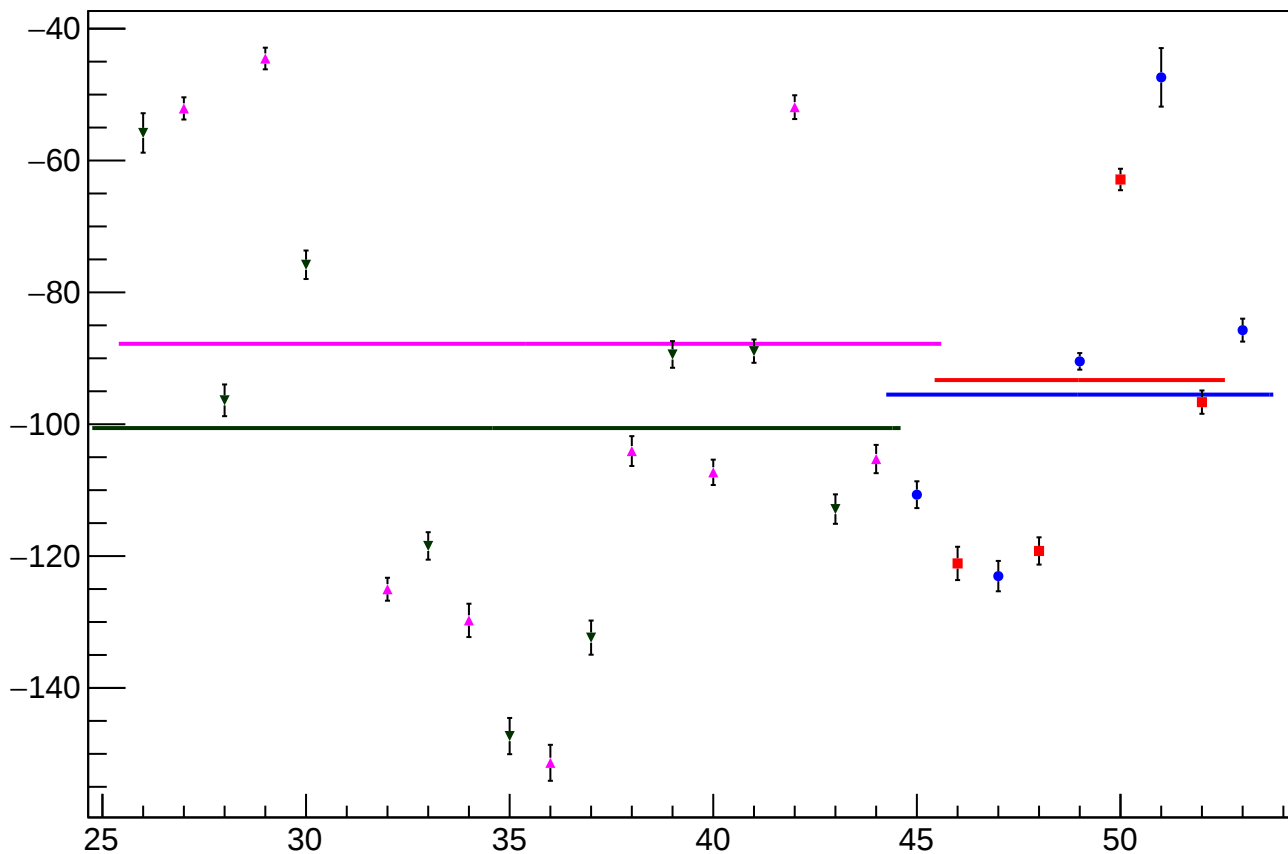
Right Out: 62.595+/-1.267 χ^2/NDF : 193.6/3

Left In: -4.348+/-0.893 χ^2/NDF : 1927.7/8

28.077+/-0.735 χ^2/NDF : 2789.5/13

17.884+/-0.730 χ^2/NDF : 3986.2/12

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -95.505+/-0.832 χ^2/NDF : 363.6/4

Left Out: -100.583+/-0.750 χ^2/NDF : 975.8/8

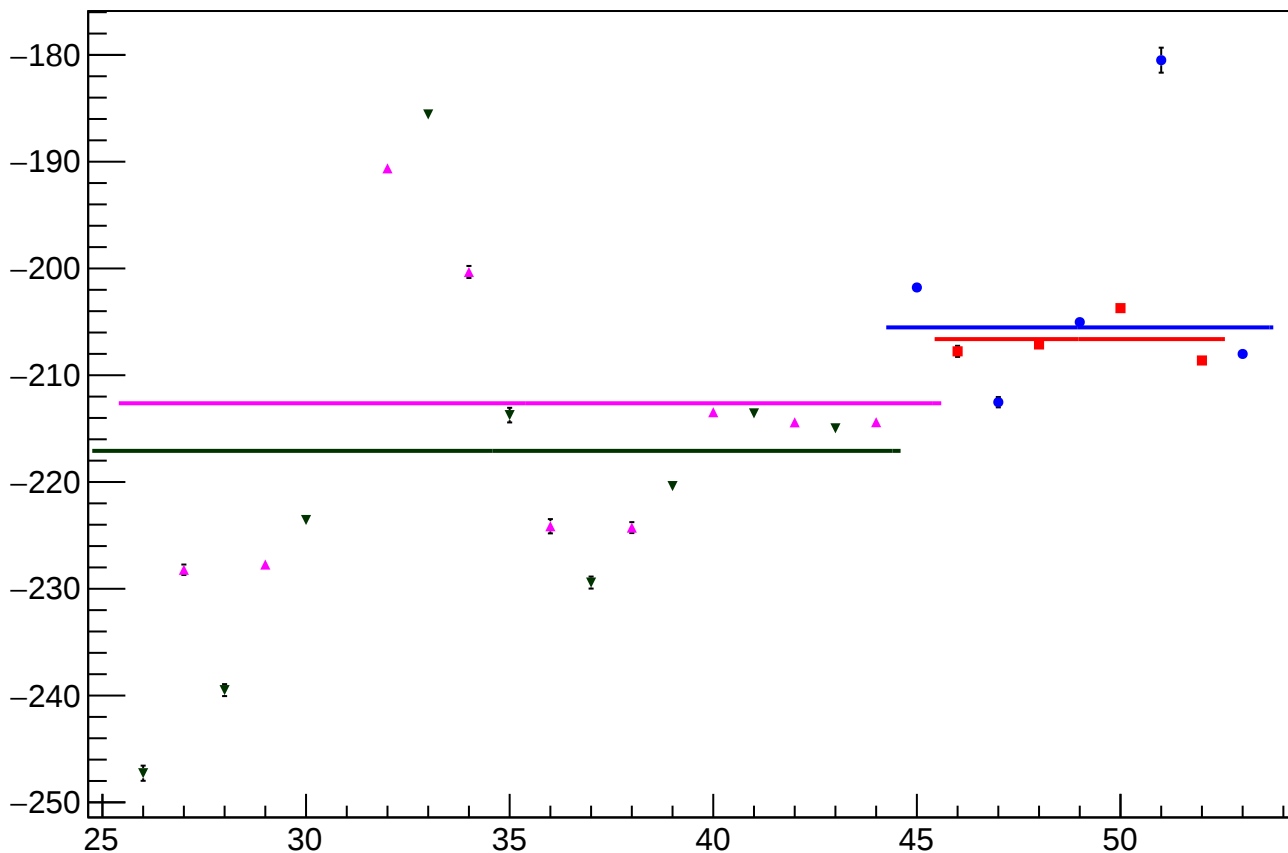
Right Out: -93.302+/-0.959 χ^2/NDF : 631.2/3

Left In: -87.800+/-0.654 χ^2/NDF : 3036.8/8

-98.306+/-0.557 χ^2/NDF : 1360.0/13

-89.548+/-0.541 χ^2/NDF : 3690.5/12

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -205.520+/-0.198 χ^2/NDF : 766.9/4

Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

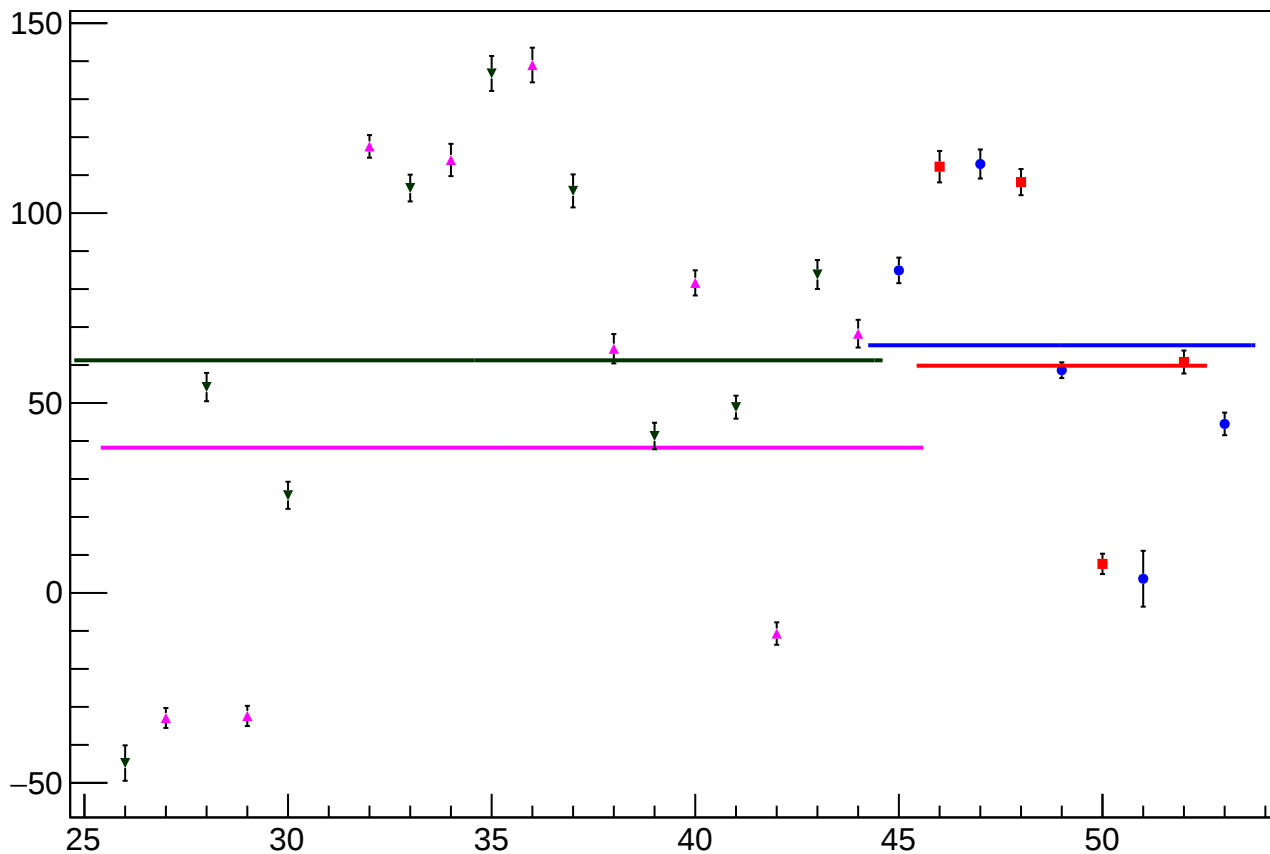
Right Out: -206.617+/-0.225 χ^2/NDF : 76.8/3

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-212.248+/-0.128 χ^2/NDF : 12626.5/13

-210.728+/-0.126 χ^2/NDF : 8609.1/12

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 65.202 $\pm$ 1.385 χ^2 /NDF: 318.4/4

Left Out: 61.242 $\pm$ 1.253 χ^2 /NDF:1243.9/8

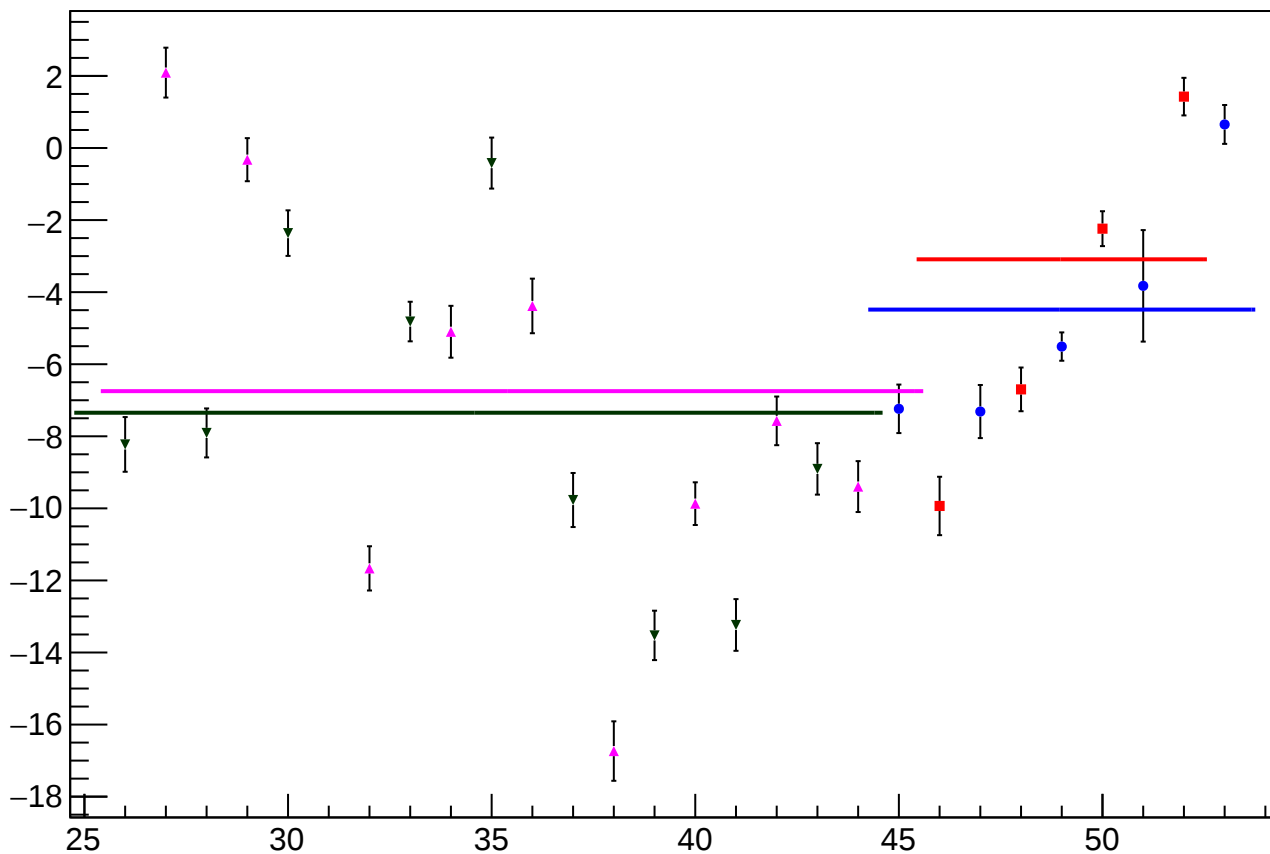
Right Out: 59.827 $\pm$ 1.600 χ^2 /NDF: 734.7/3

Left In: 38.240 $\pm$ 1.083 χ^2 /NDF:3520.6/8

63.024 $\pm$ 0.929 χ^2 /NDF: 1566.9/13

45.024 $\pm$ 0.897 χ^2 /NDF: 4380.0/12

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -4.484 $\pm$ 0.264 χ^2 /NDF: 129.2/4

Left Out: -7.346 $\pm$ 0.226 χ^2 /NDF: 345.0/8

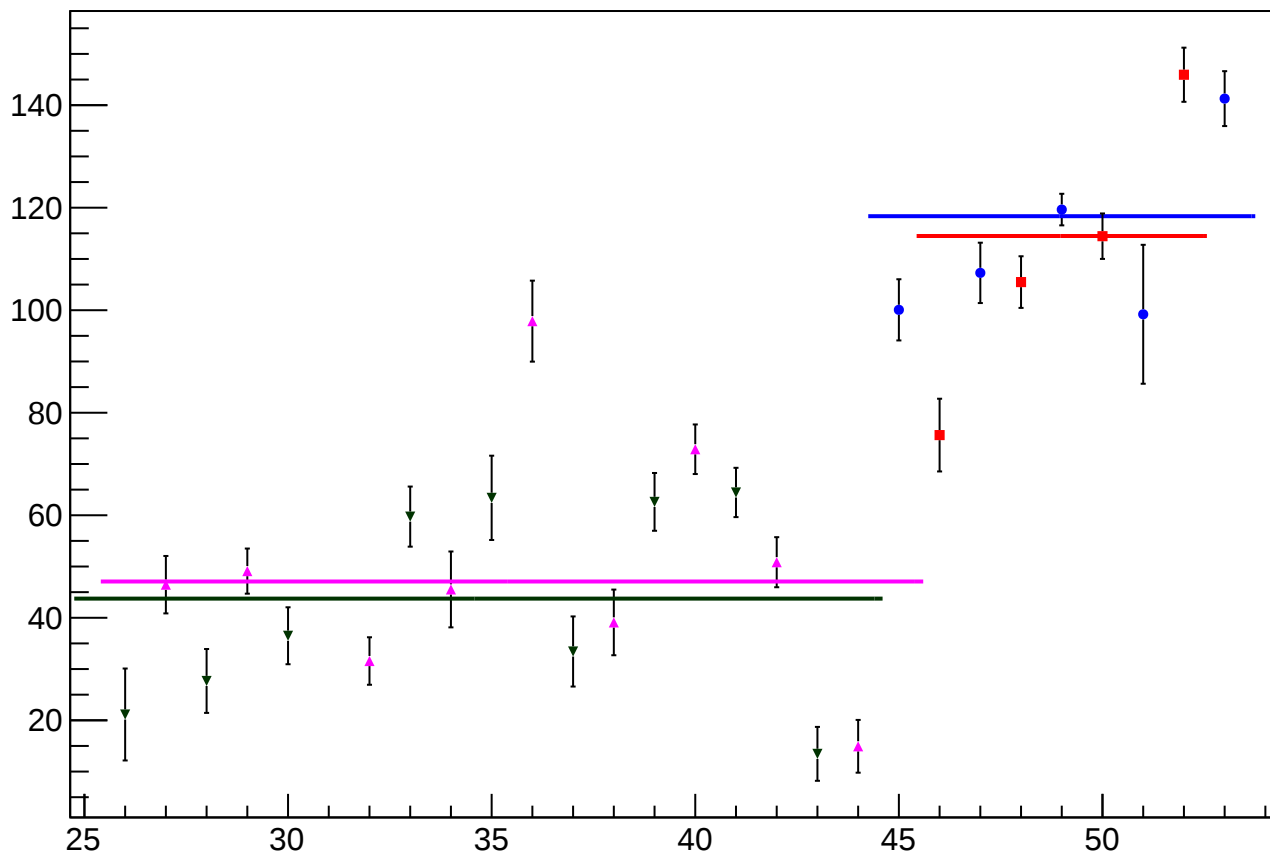
Right Out: -3.089 $\pm$ 0.286 χ^2 /NDF: 184.8/3

Left In: -6.747 $\pm$ 0.225 χ^2 /NDF: 547.5/8

-6.133 $\pm$ 0.172 χ^2 /NDF: 542.0/13

-5.350 $\pm$ 0.177 χ^2 /NDF: 833.2/12

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 118.342 $\pm$ 2.221 χ^2 /NDF: 33.4/4

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

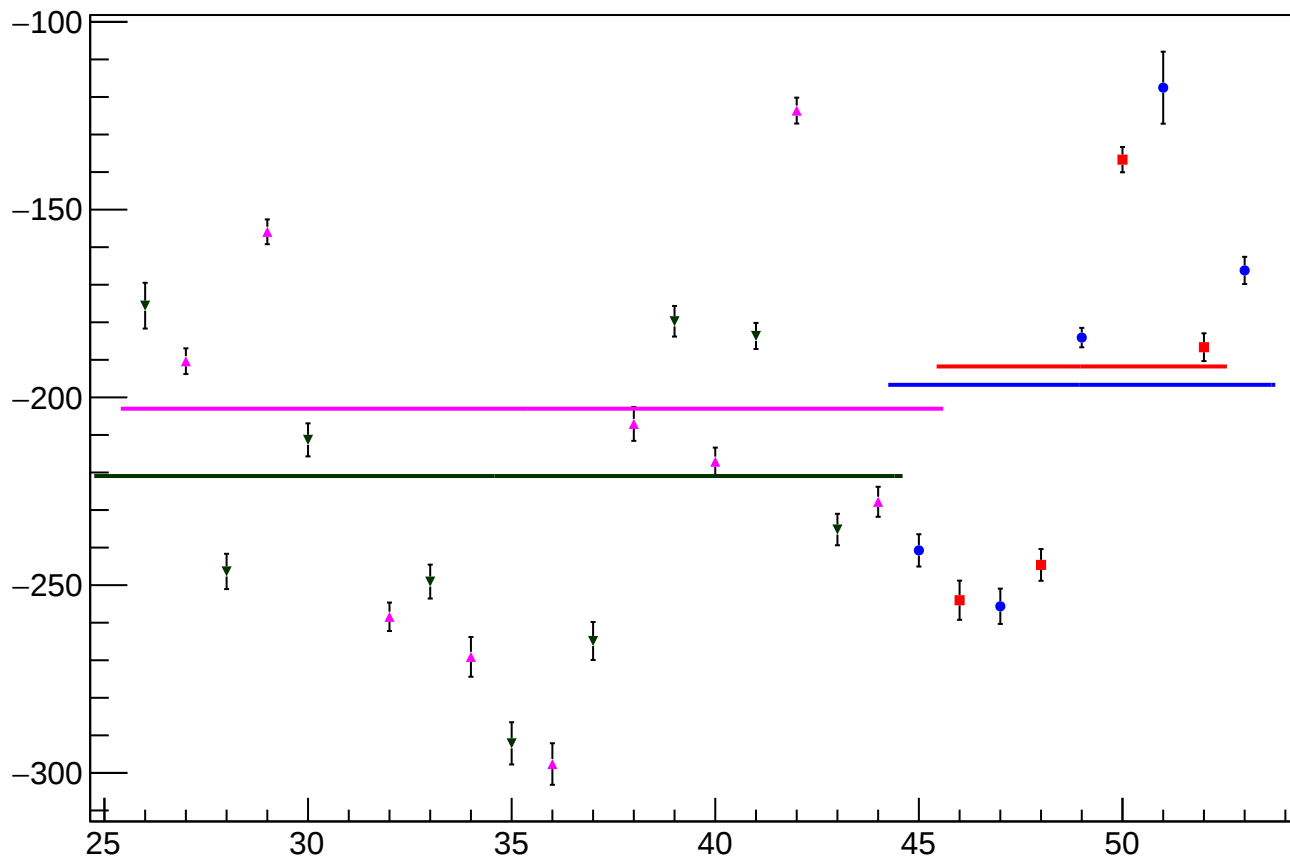
Right Out: 114.478 $\pm$ 2.617 χ^2 /NDF: 68.7/3

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

77.389 $\pm$ 1.492 χ^2 /NDF: 745.9/13

68.607 $\pm$ 1.479 χ^2 /NDF: 642.6/12

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -196.652+/-1.725 χ^2/NDF : 425.3/4

Left Out: -220.942+/-1.501 χ^2/NDF : 593.2/8

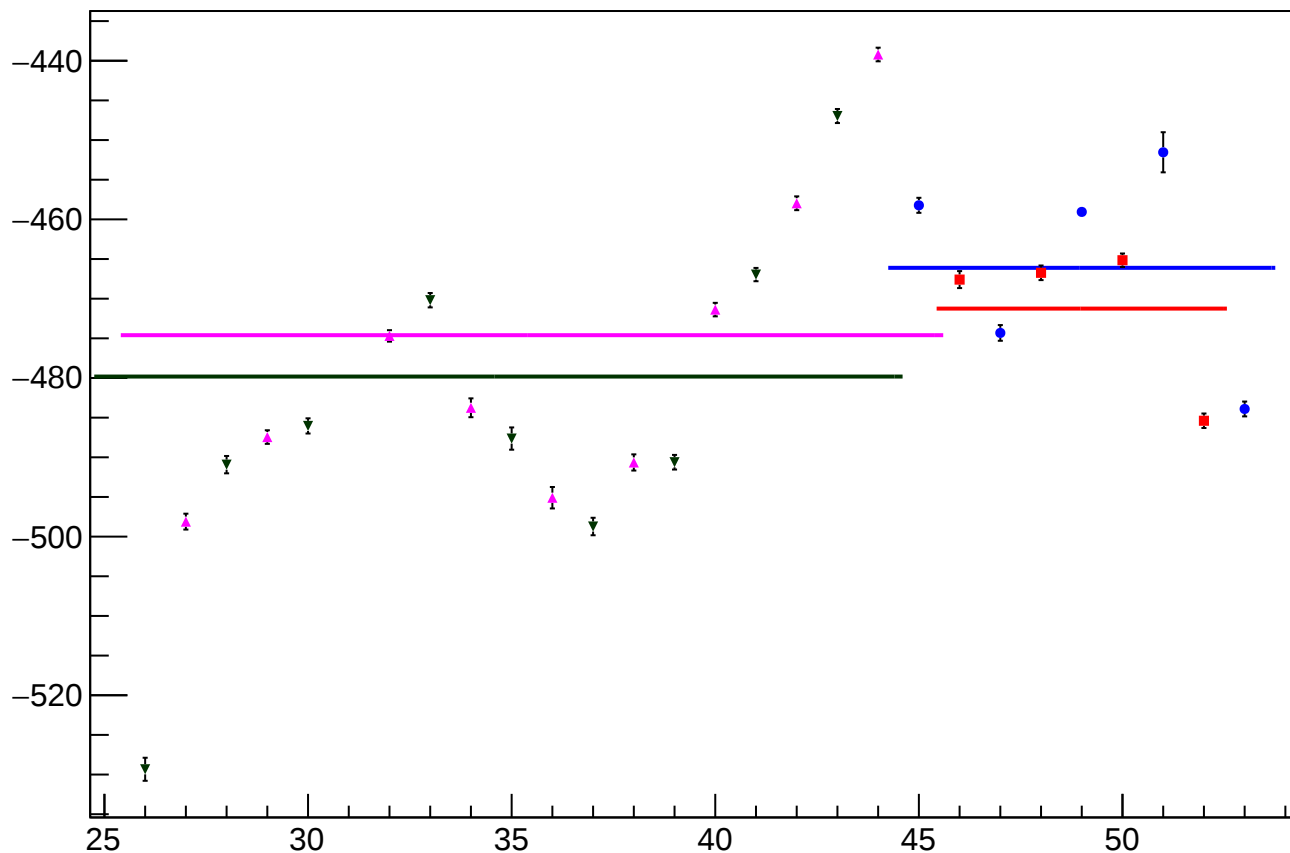
Right Out: -191.764+/-1.983 χ^2/NDF : 568.9/3

Left In: -203.009+/-1.312 χ^2/NDF : 1461.1/8

-210.474+/-1.132 χ^2/NDF : 1131.4/13

-199.587+/-1.094 χ^2/NDF : 2052.4/12

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -466.110+/-0.411 χ^2/NDF : 656.5/4

Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

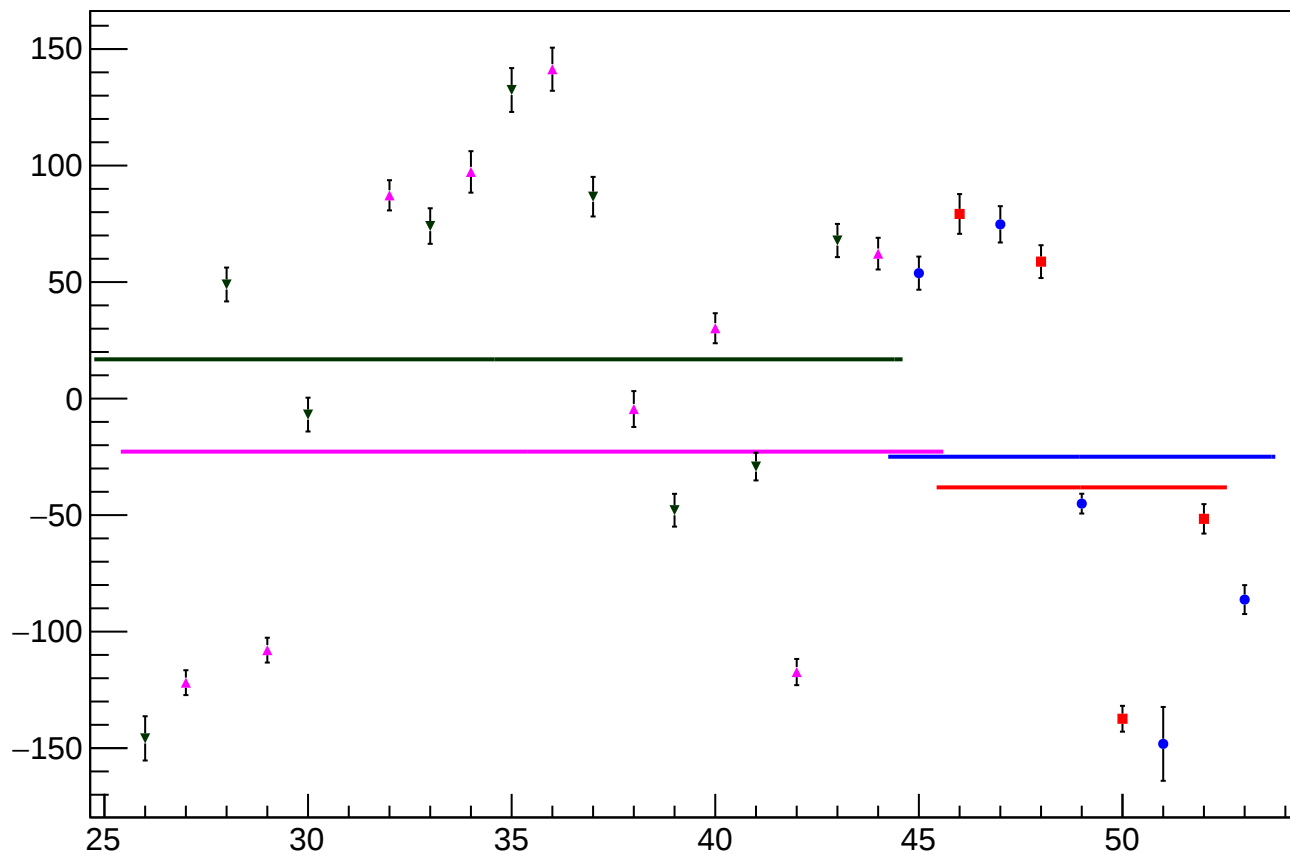
Right Out: -471.250+/-0.465 χ^2/NDF : 326.5/3

Left In: -474.602+/-0.308 χ^2/NDF : 3381.8/8

-474.303+/-0.261 χ^2/NDF : 4811.0/13

-473.579+/-0.257 χ^2/NDF : 3744.5/12

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -24.946+/-2.867 χ^2/NDF : 467.2/4

Left Out: 16.850+/-2.504 χ^2/NDF : 793.7/8

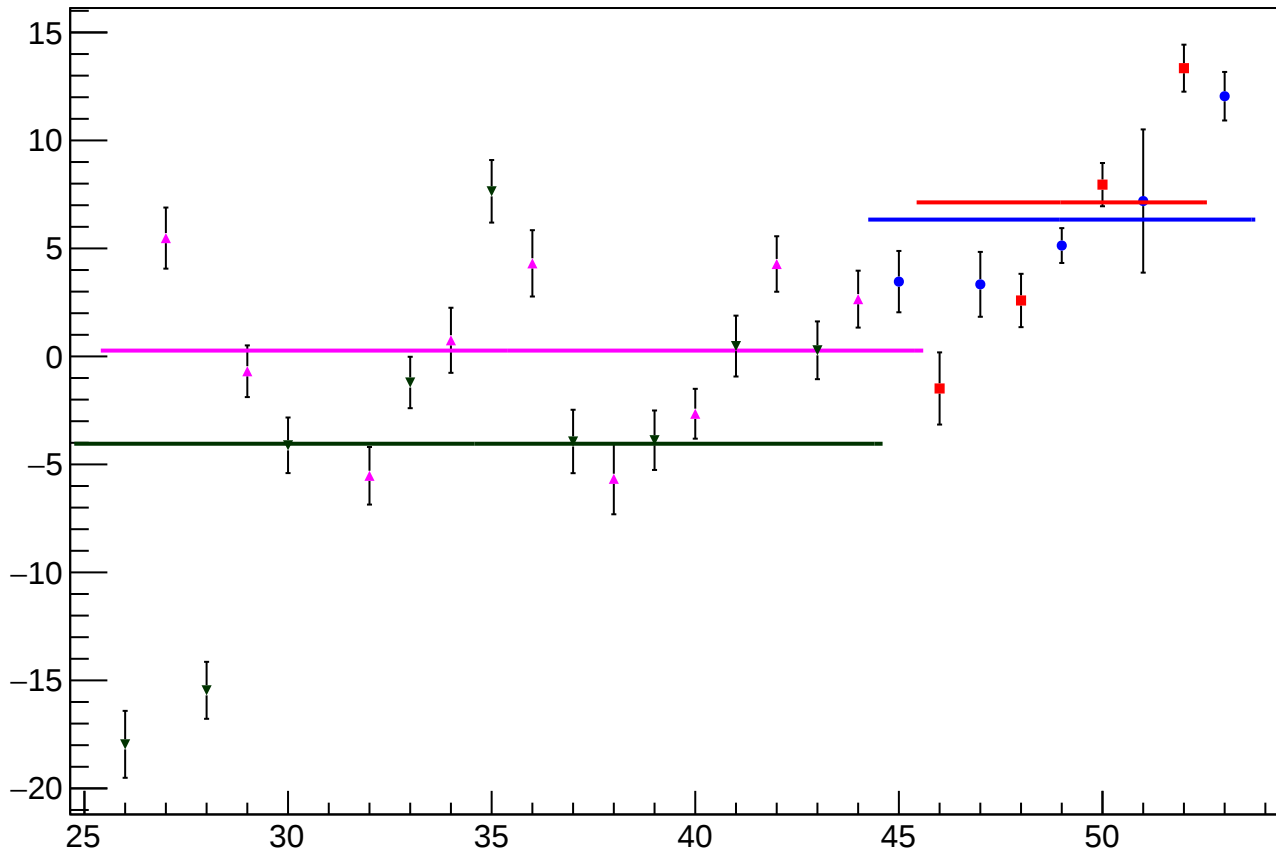
Right Out: -38.100+/-3.307 χ^2/NDF : 703.3/3

Left In: -22.758+/-2.169 χ^2/NDF : 1896.5/8

-1.239+/-1.886 χ^2/NDF : 1381.5/13

-27.372+/-1.814 χ^2/NDF : 2614.8/12

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 6.335 ± 0.546 $\chi^2/\text{NDF}: 36.2/4$

Left Out: -4.043 ± 0.455 $\chi^2/\text{NDF}: 247.2/8$

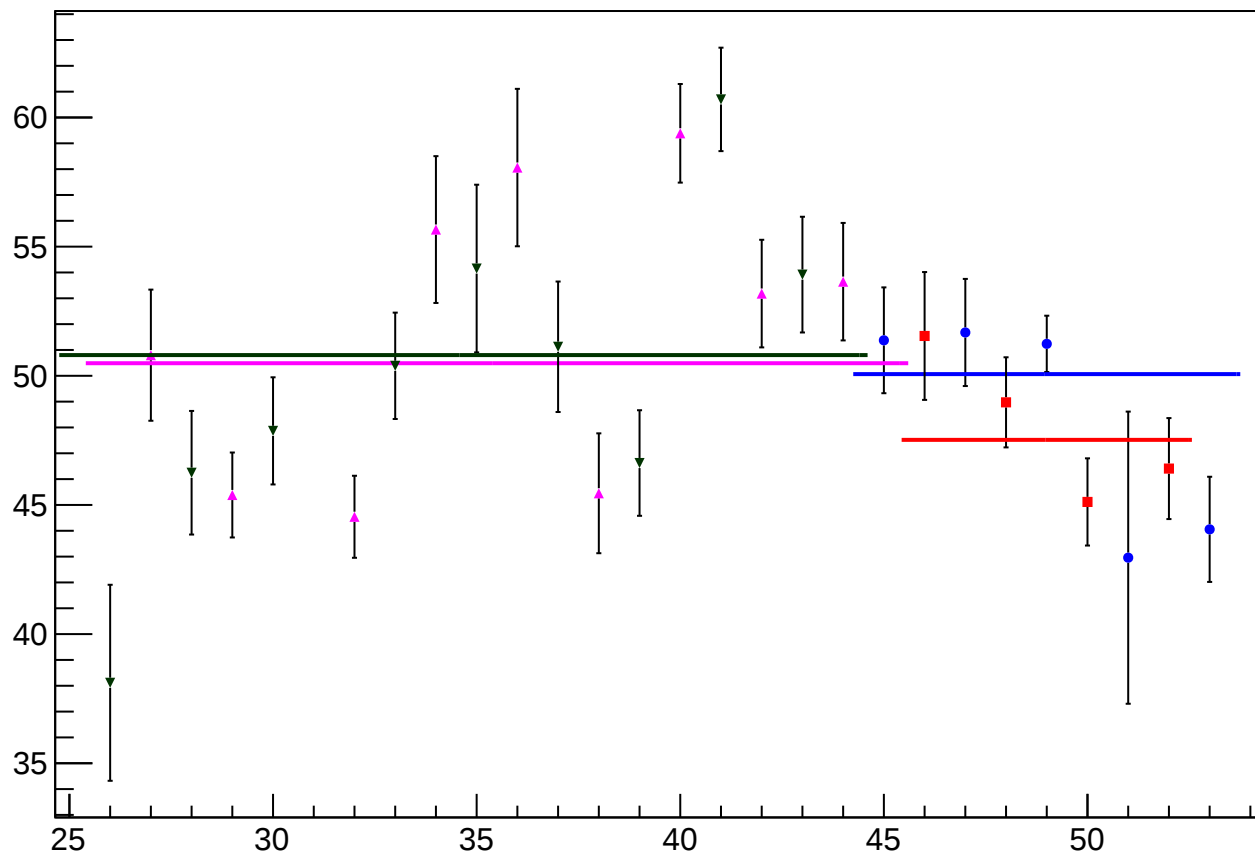
Right Out: 7.131 ± 0.592 $\chi^2/\text{NDF}: 73.4/3$

Left In: 0.270 ± 0.450 $\chi^2/\text{NDF}: 72.6/8$

0.212 ± 0.349 $\chi^2/\text{NDF}: 496.7/13$

2.787 ± 0.358 $\chi^2/\text{NDF}: 231.1/12$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 50.065+/-0.794 χ^2/NDF : 12.5/4

Left Out: 50.802+/-0.778 χ^2/NDF : 48.5/8

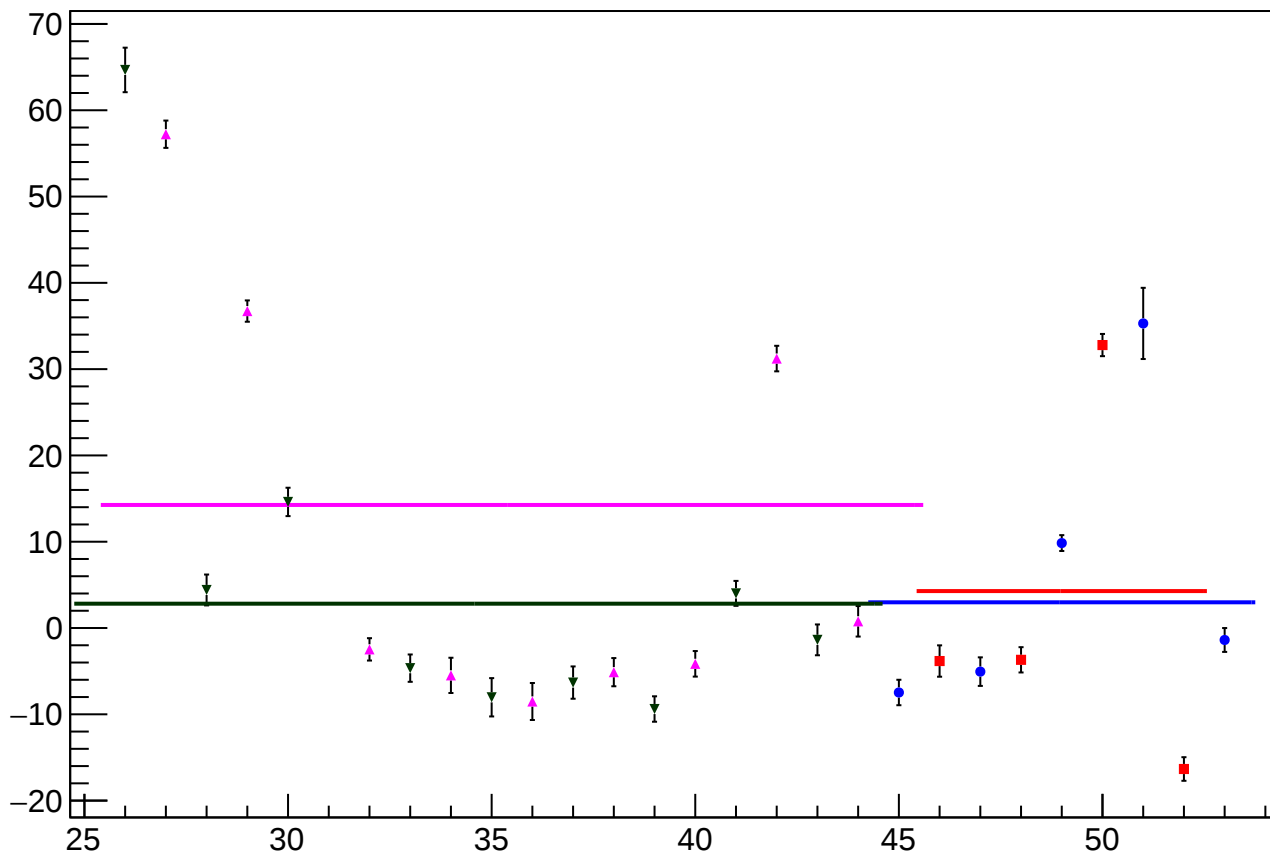
Right Out: 47.520+/-0.951 χ^2/NDF : 5.7/3

Left In: 50.487+/-0.701 χ^2/NDF : 63.2/8

50.441+/-0.556 χ^2/NDF : 61.4/13

49.444+/-0.564 χ^2/NDF : 75.2/12

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 2.978+/-0.621 χ^2/NDF : 200.9/4

Left Out: 2.819+/-0.580 χ^2/NDF : 771.6/8

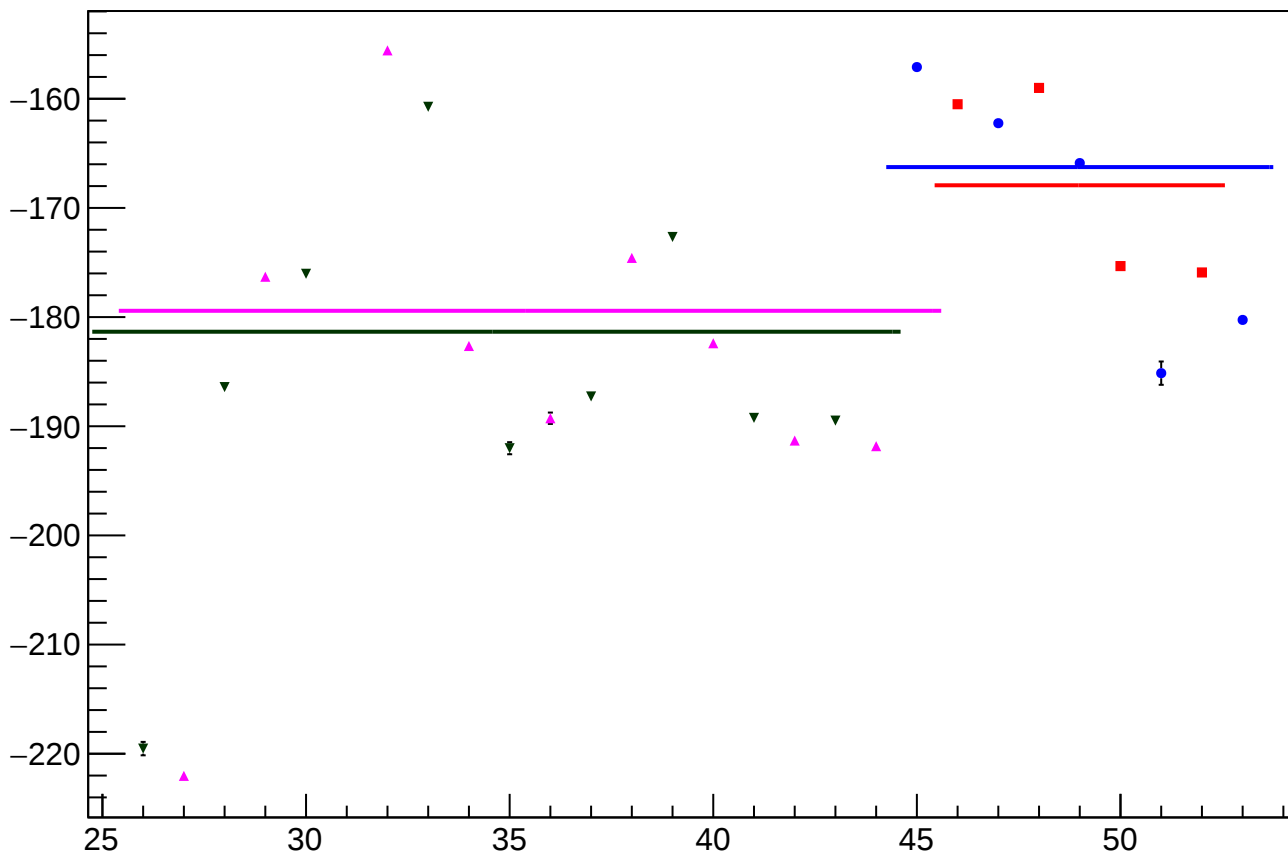
Right Out: 4.279+/-0.724 χ^2/NDF : 766.7/3

Left In: 14.260+/-0.519 χ^2/NDF : 1925.9/8

2.893+/-0.424 χ^2/NDF : 972.6/13

10.875+/-0.422 χ^2/NDF : 2818.1/12

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -166.259+/-0.147 χ^2/NDF : 2787.8/4

Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

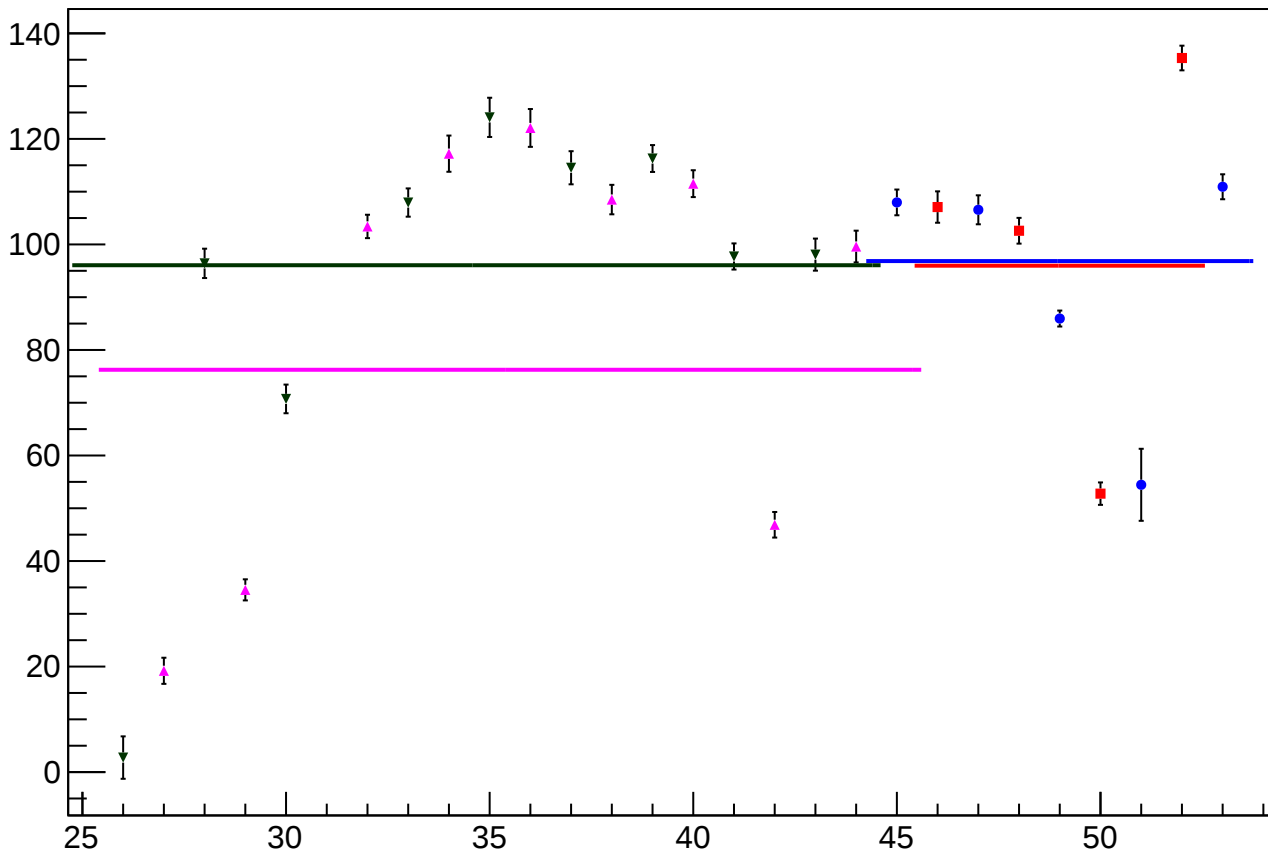
Right Out: -167.926+/-0.168 χ^2/NDF : 2253.2/3

Left In: -179.424+/-0.120 χ^2/NDF : 21031.4/8

-174.741+/-0.097 χ^2/NDF : 19339.1/13

-175.572+/-0.098 χ^2/NDF : 26381.6/12

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 96.846+/-1.033 χ^2 /NDF: 159.2/4

Left Out: 96.058+/-0.969 χ^2 /NDF:800.7/8

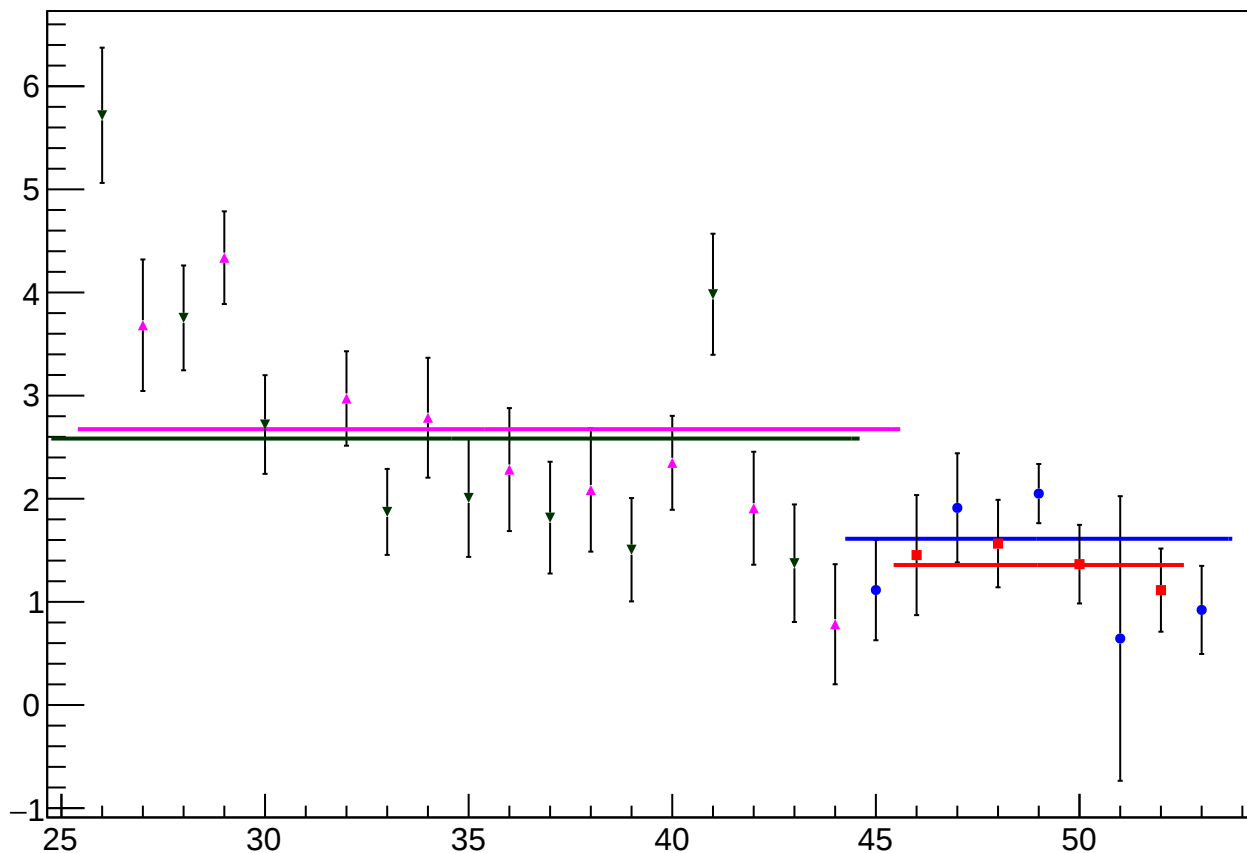
Right Out: 95.973+/-1.208 χ^2 /NDF: 717.8/3

Left In: 76.247+/-0.863 χ^2 /NDF:1954.9/8

96.427+/-0.707 χ^2 /NDF: 960.2/13

82.911+/-0.702 χ^2 /NDF: 2849.2/12

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.612 $\pm$ 0.196 χ^2/NDF : 6.8/4

Left Out: 2.583 $\pm$ 0.175 χ^2/NDF : 49.0/8

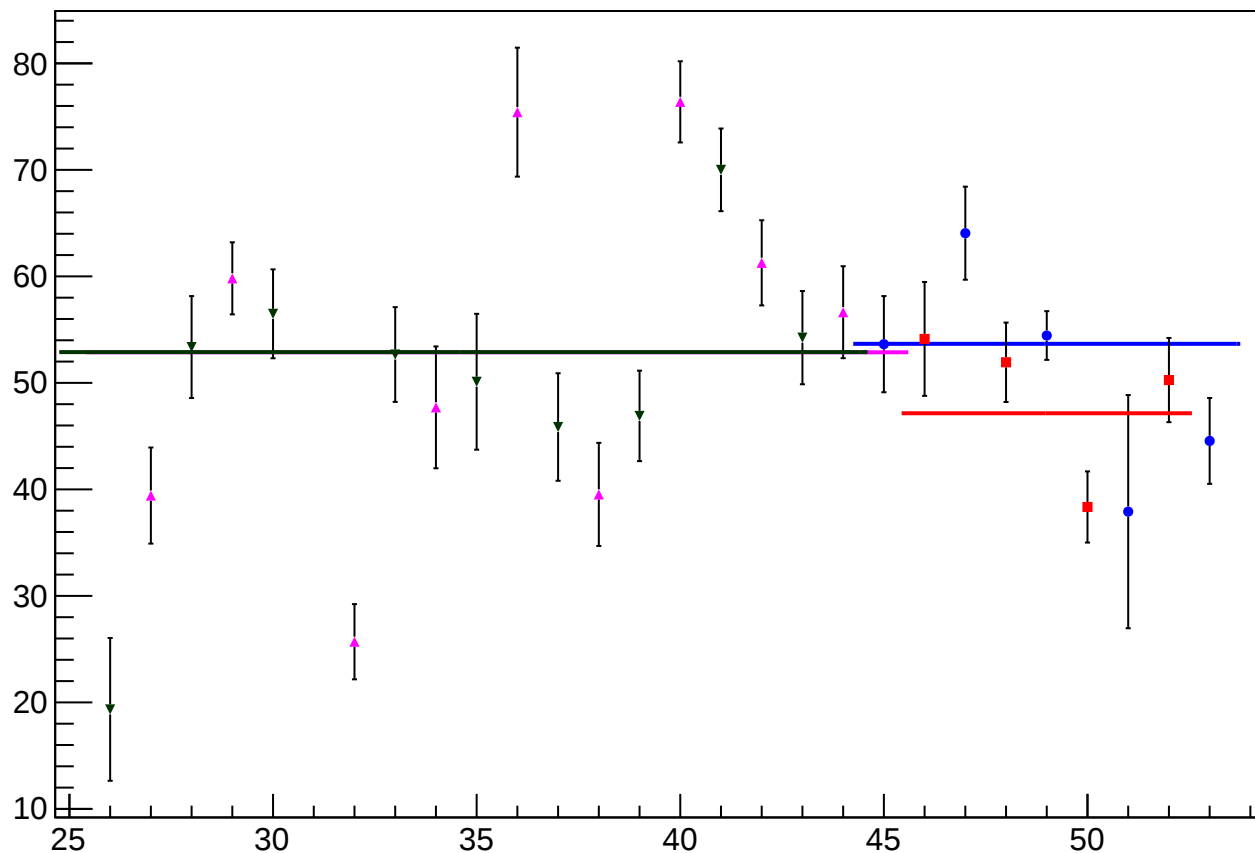
Right Out: 1.357 $\pm$ 0.215 χ^2/NDF : 0.6/3

Left In: 2.675 $\pm$ 0.177 χ^2/NDF : 31.1/8

2.154 $\pm$ 0.131 χ^2/NDF : 69.4/13

2.143 $\pm$ 0.137 χ^2/NDF : 54.0/12

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 53.667 $\pm$ 1.661 χ^2 /NDF: 13.0/4

Left Out: 52.889 $\pm$ 1.558 χ^2 /NDF: 49.5/8

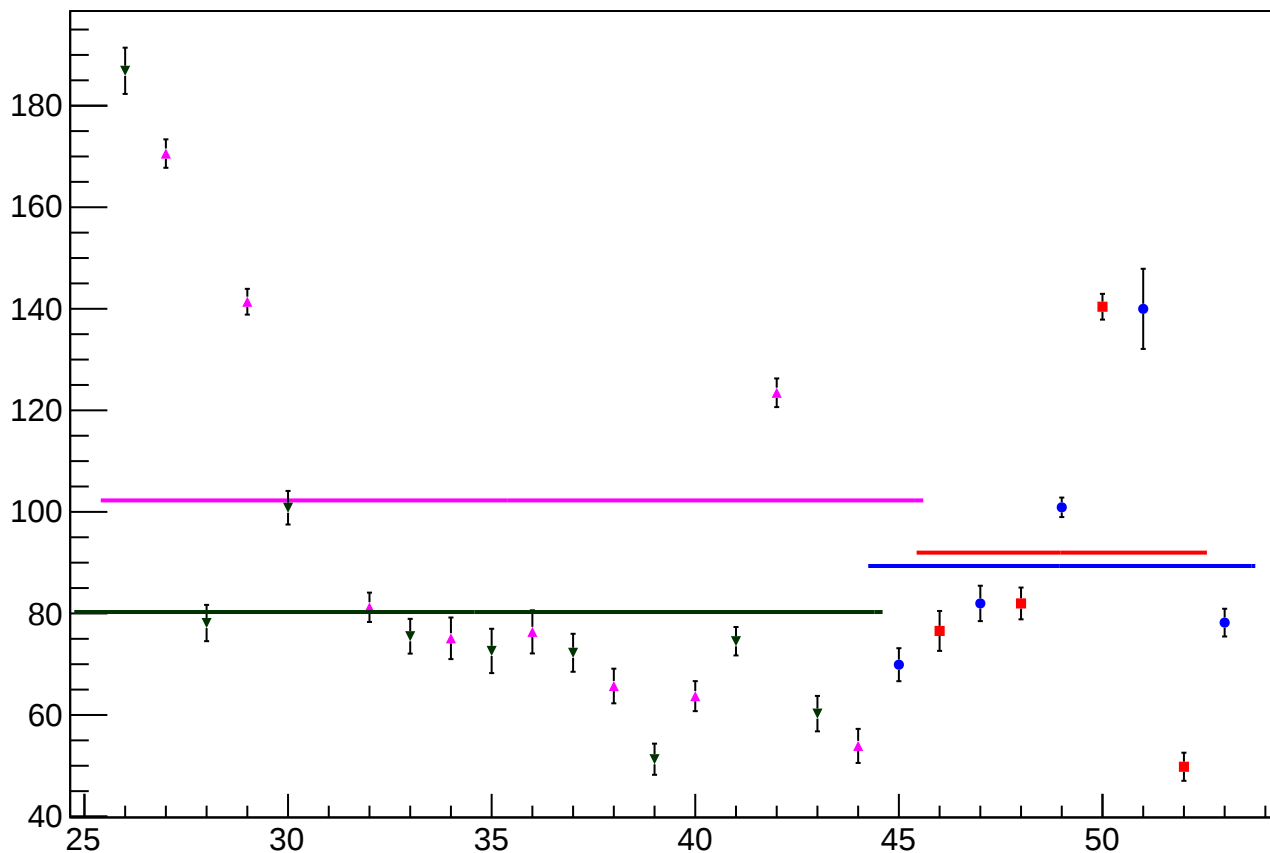
Right Out: 47.147 $\pm$ 1.959 χ^2 /NDF: 10.9/3

Left In: 52.872 $\pm$ 1.411 χ^2 /NDF: 137.9/8

53.253 $\pm$ 1.136 χ^2 /NDF: 62.5/13

50.917 $\pm$ 1.145 χ^2 /NDF: 154.4/12

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 89.345+/-1.293 χ^2/NDF : 134.3/4

Left Out: 80.279+/-1.160 χ^2/NDF :722.6/8

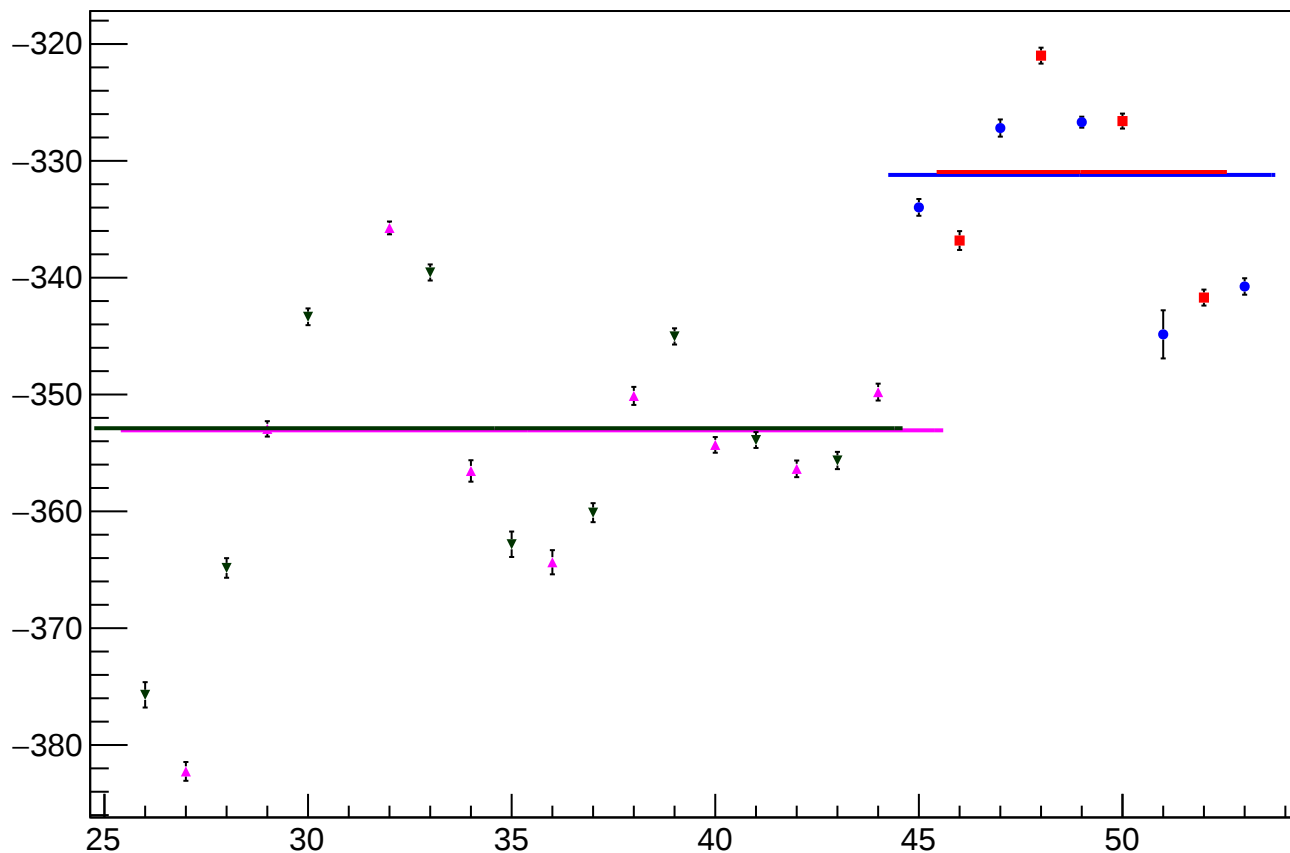
Right Out: 91.977+/-1.486 χ^2/NDF : 622.6/3

Left In: 102.261+/-1.036 χ^2/NDF :1514.4/8

84.321+/-0.863 χ^2/NDF : 884.1/13

98.897+/-0.850 χ^2/NDF : 2169.2/12

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -331.204 $\pm$ 0.308 χ^2 /NDF: 364.5/4

Left Out: -352.885 $\pm$ 0.260 χ^2 /NDF:1502.5/8

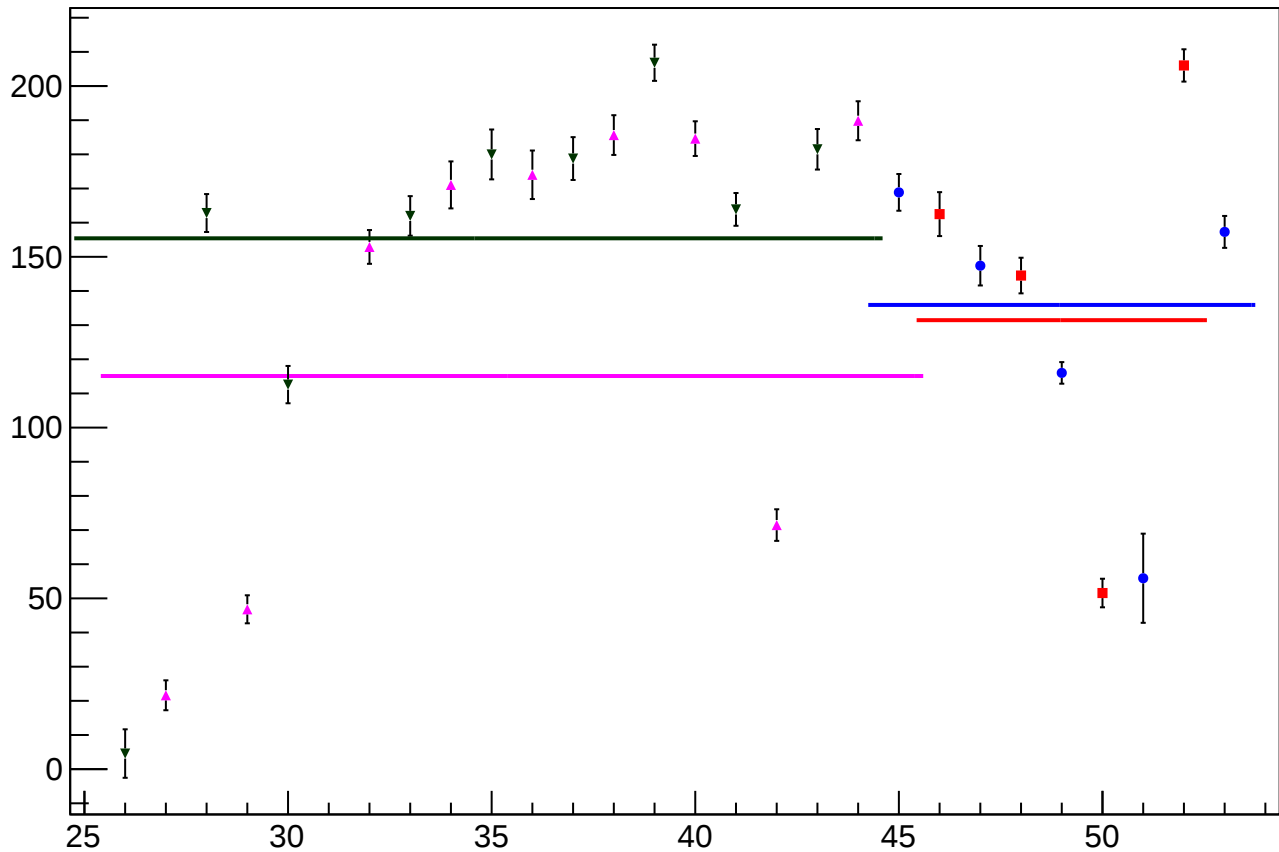
Right Out: -330.954 $\pm$ 0.348 χ^2 /NDF: 559.3/3

Left In: -353.066 $\pm$ 0.242 χ^2 /NDF:2507.5/8

-343.842 $\pm$ 0.199 χ^2 /NDF: 4761.6/13

-345.859 $\pm$ 0.199 χ^2 /NDF: 5788.4/12

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 135.915 $\pm$ 2.150 χ^2 /NDF: 139.7/4

Left Out: 155.417 $\pm$ 1.935 χ^2 /NDF: 657.8/8

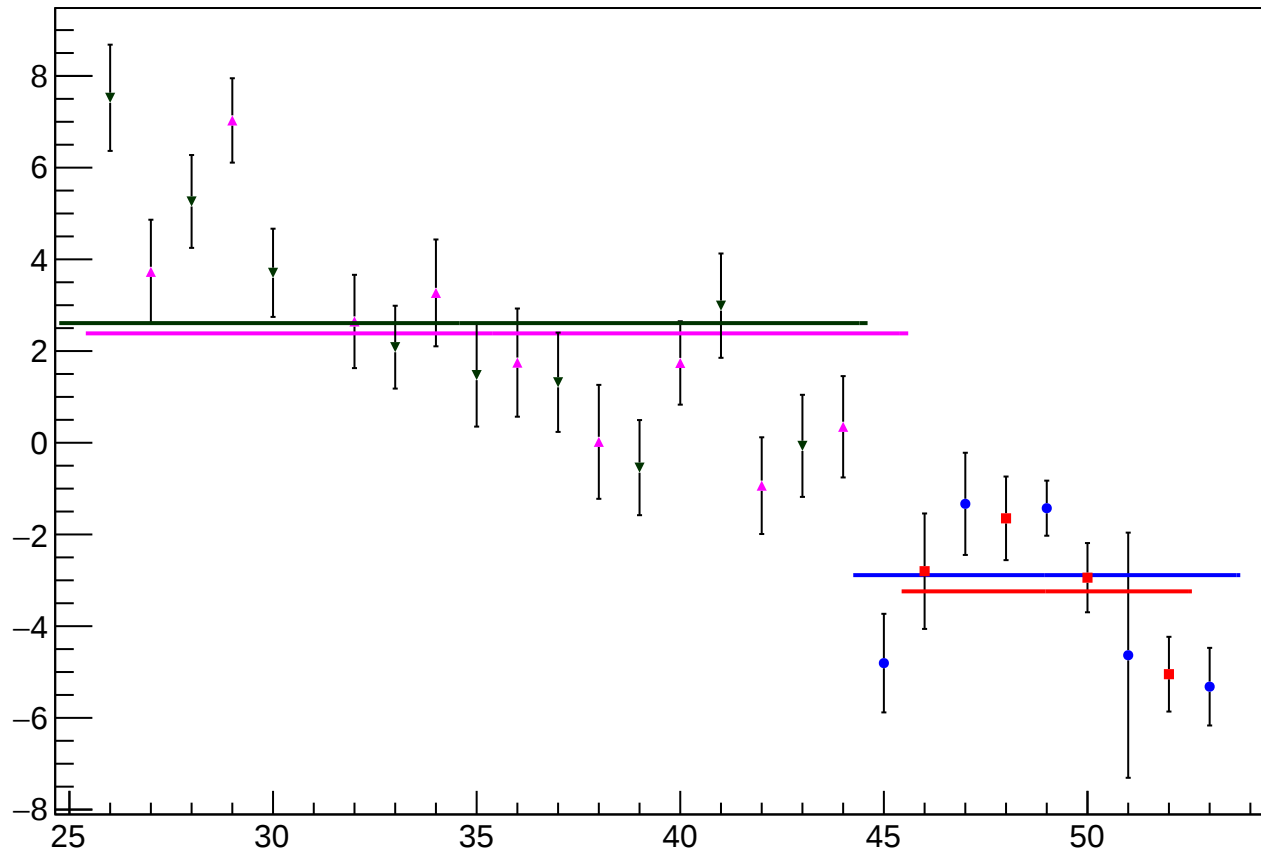
Right Out: 131.453 $\pm$ 2.479 χ^2 /NDF: 642.7/3

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

146.693 $\pm$ 1.438 χ^2 /NDF: 842.9/13

120.406 $\pm$ 1.412 χ^2 /NDF: 2192.4/12

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -2.887 ± 0.409 $\chi^2/\text{NDF}: 19.7/4$

Left Out: 2.609 ± 0.350 $\chi^2/\text{NDF}: 44.1/8$

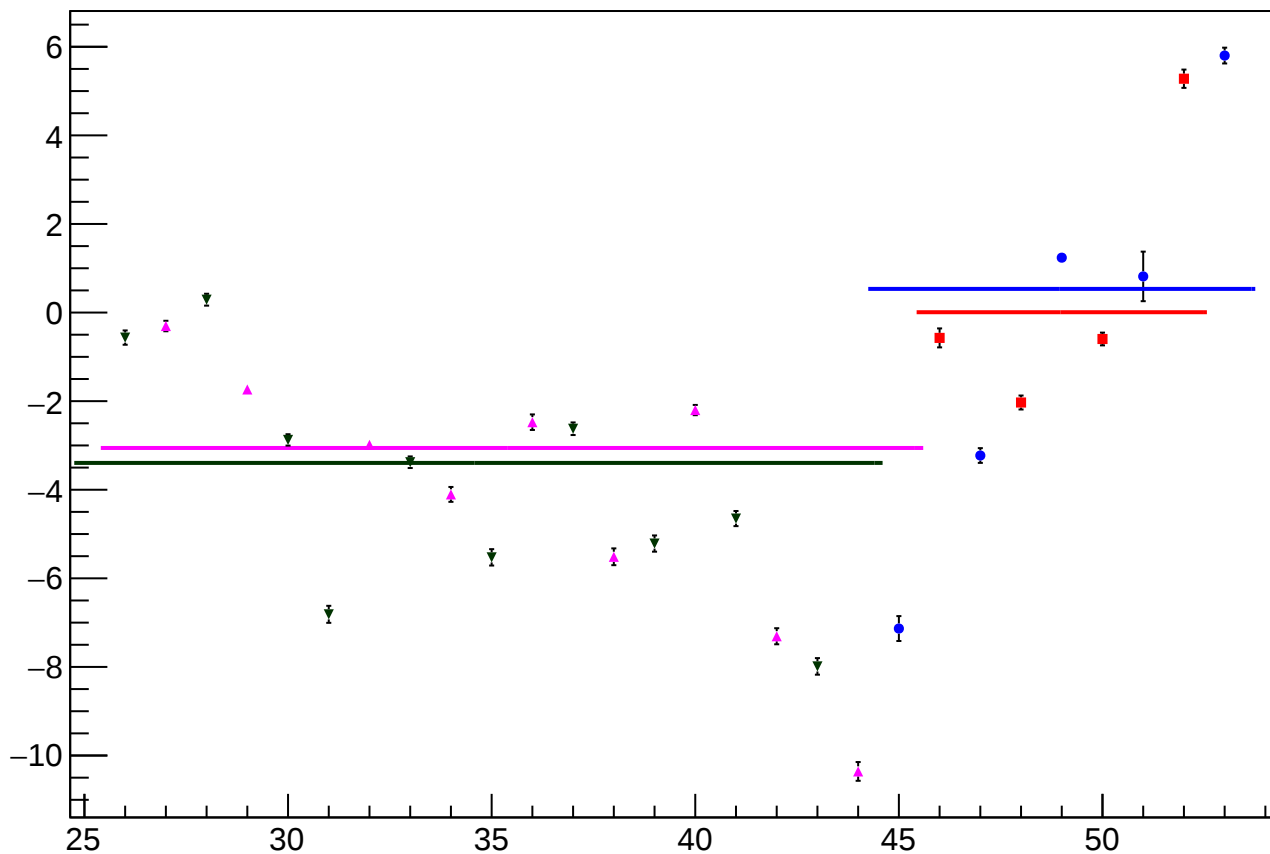
Right Out: -3.241 ± 0.443 $\chi^2/\text{NDF}: 8.2/3$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

0.289 ± 0.266 $\chi^2/\text{NDF}: 168.1/13$

0.188 ± 0.277 $\chi^2/\text{NDF}: 151.8/12$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 0.534+/-0.075 χ^2/NDF : 2174.8/4

Left Out: -3.394+/-0.049 χ^2/NDF : 2310.5/9

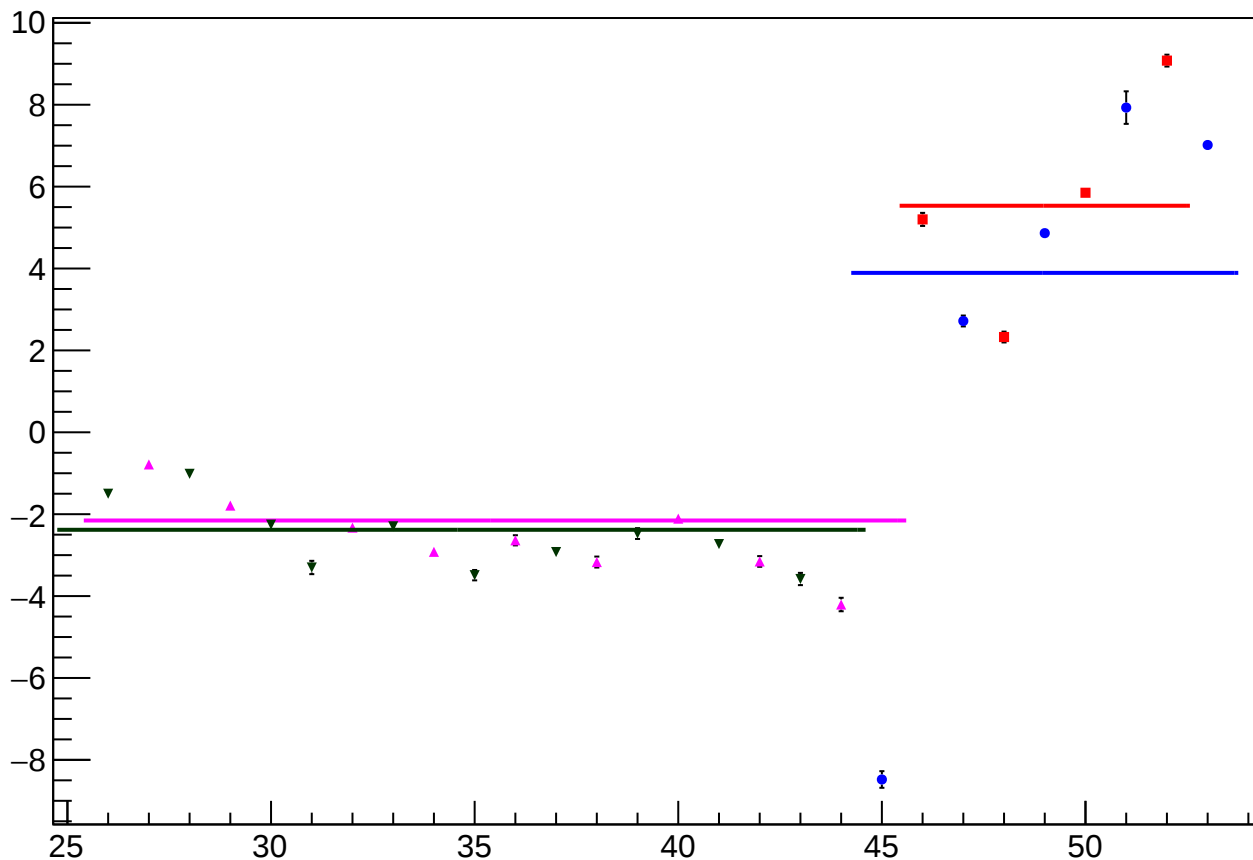
Right Out: 0.008+/-0.086 χ^2/NDF : 844.6/3

Left In: -3.057+/-0.044 χ^2/NDF : 2696.4/8

-2.213+/-0.041 χ^2/NDF : 6394.6/14

-2.427+/-0.039 χ^2/NDF : 4538.7/12

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 3.894+/-0.059 χ^2/NDF : 4679.1/4

Left Out: -2.381+/-0.037 χ^2/NDF : 466.1/9

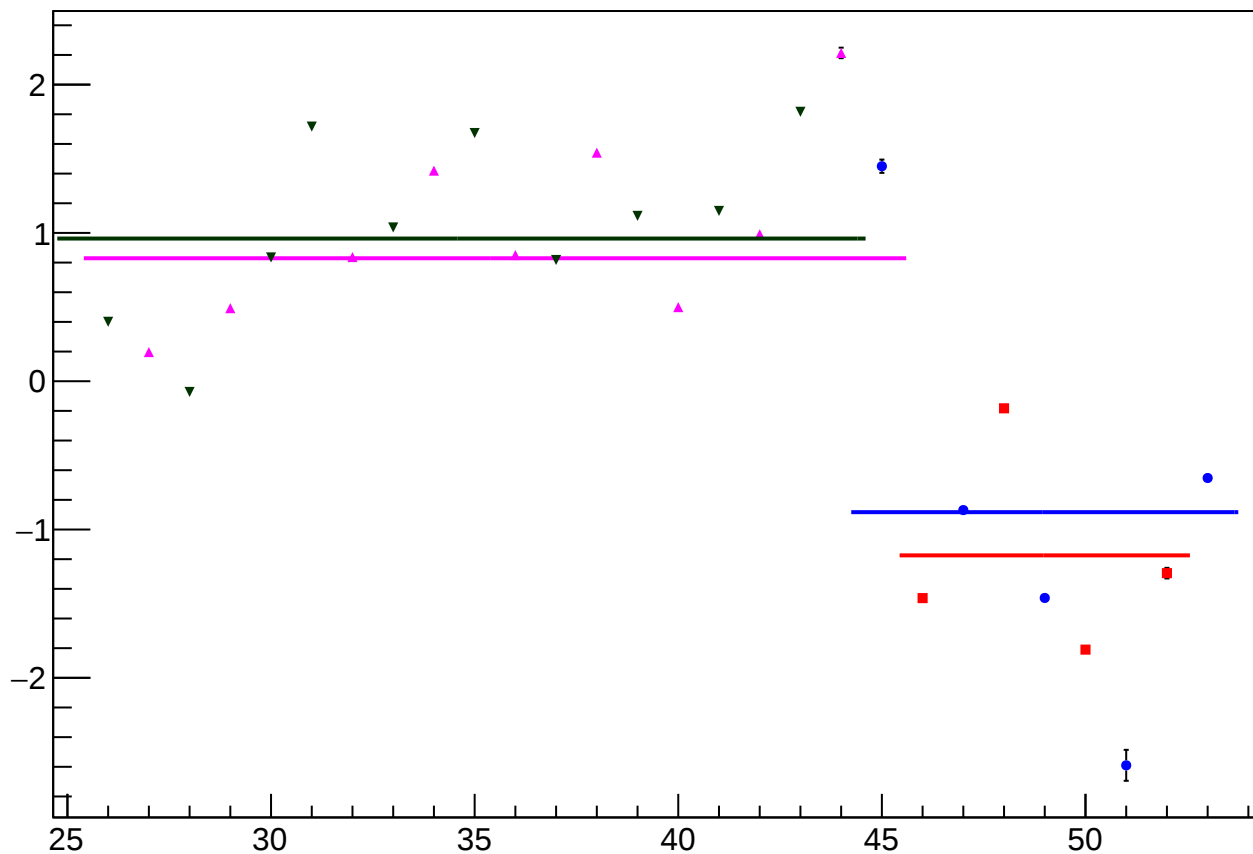
Right Out: 5.533+/-0.066 χ^2/NDF : 1194.2/3

Left In: -2.154+/-0.032 χ^2/NDF : 703.0/8

-0.622+/-0.031 χ^2/NDF : 13292.1/14

-0.664+/-0.029 χ^2/NDF : 12758.6/12

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.883 ± 0.014 χ^2/NDF : 3764.8/4

Left Out: 0.962 ± 0.008 χ^2/NDF : 4690.6/9

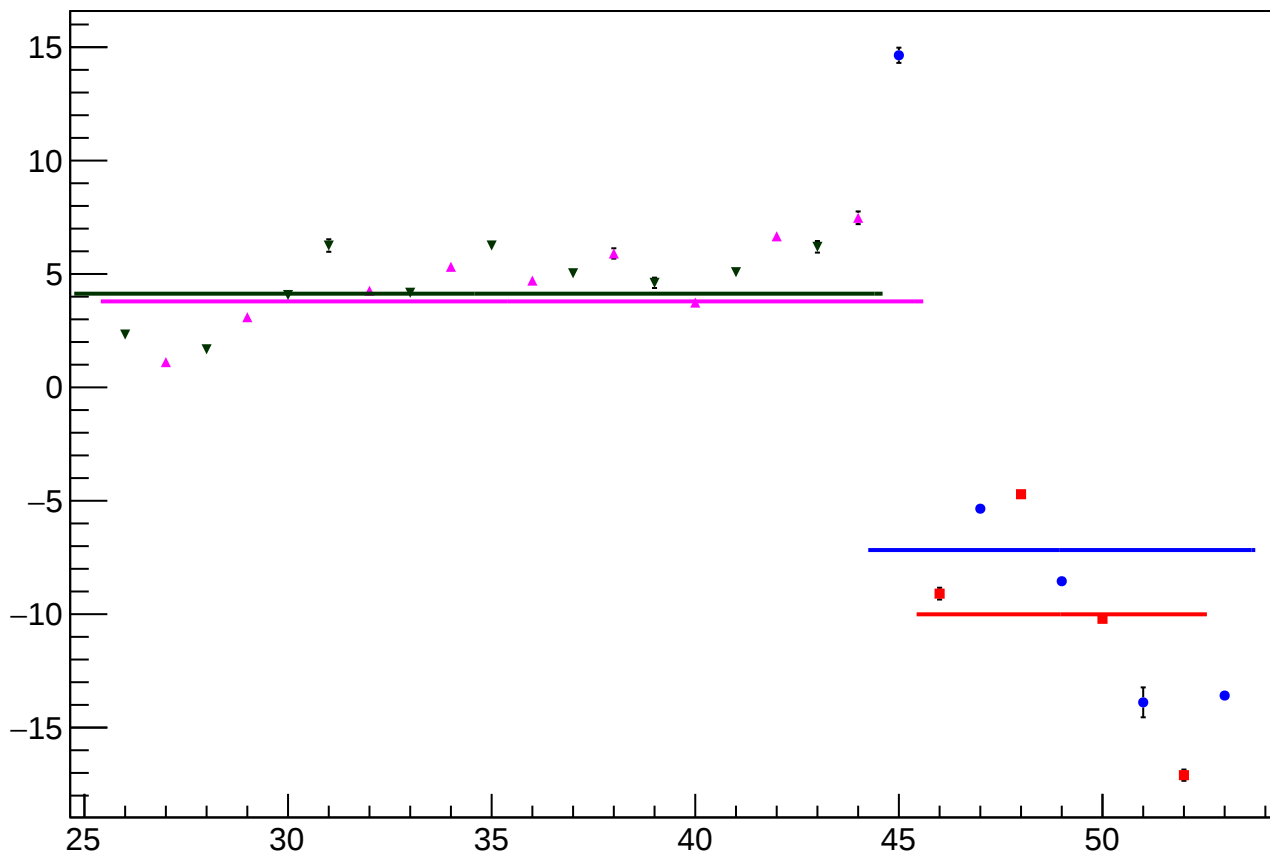
Right Out: -1.174 ± 0.015 χ^2/NDF : 1811.4/3

Left In: 0.829 ± 0.007 χ^2/NDF : 3974.9/8

0.512 ± 0.007 χ^2/NDF : 21478.7/14

0.445 ± 0.007 χ^2/NDF : 19656.5/12

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -7.173+/-0.098 χ^2/NDF : 5435.9/4

Left Out: 4.132+/-0.061 χ^2/NDF : 639.2/9

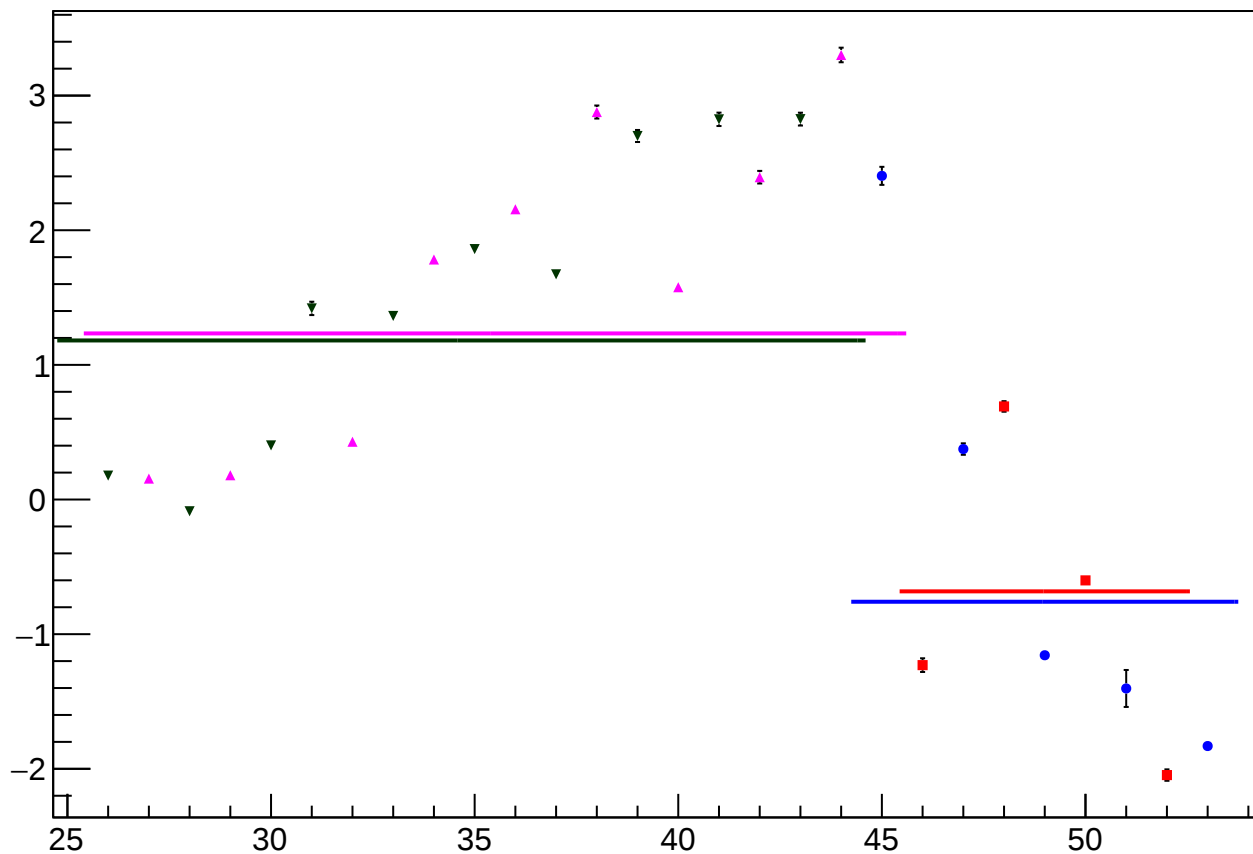
Right Out: -10.006+/-0.110 χ^2/NDF : 1404.2/3

Left In: 3.791+/-0.054 χ^2/NDF : 1110.0/8

1.000+/-0.052 χ^2/NDF : 15628.7/14

1.141+/-0.048 χ^2/NDF : 15186.4/12

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.759+/-0.019 χ^2/NDF : 3993.0/4

Left Out: 1.181+/-0.011 χ^2/NDF : 8123.1/9

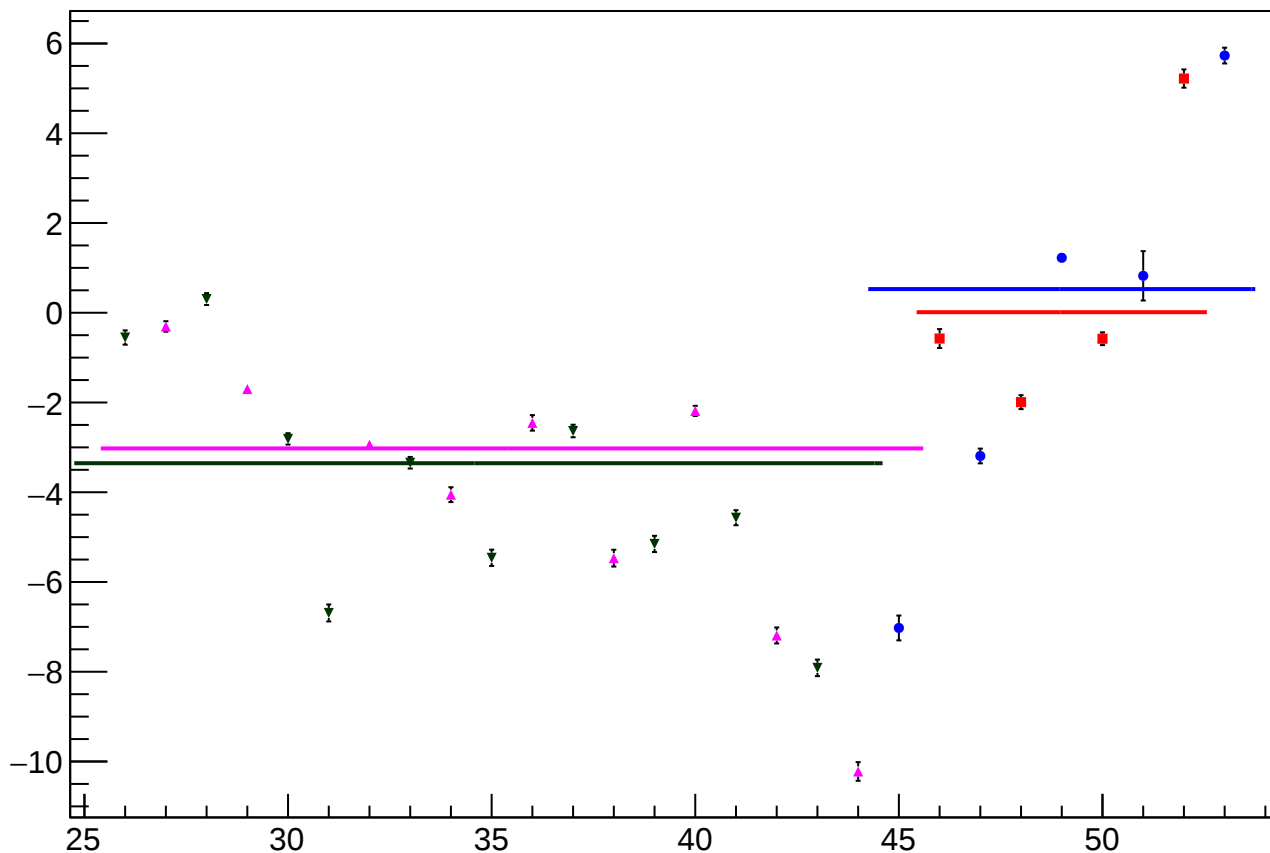
Right Out: -0.682+/-0.020 χ^2/NDF : 2377.4/3

Left In: 1.234+/-0.011 χ^2/NDF : 7862.9/8

0.701+/-0.009 χ^2/NDF : 20269.7/14

0.775+/-0.010 χ^2/NDF : 17302.6/12

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 0.527 ± 0.074 χ^2/NDF : 2177.6/4

Left Out: -3.353 ± 0.049 χ^2/NDF : 2320.8/9

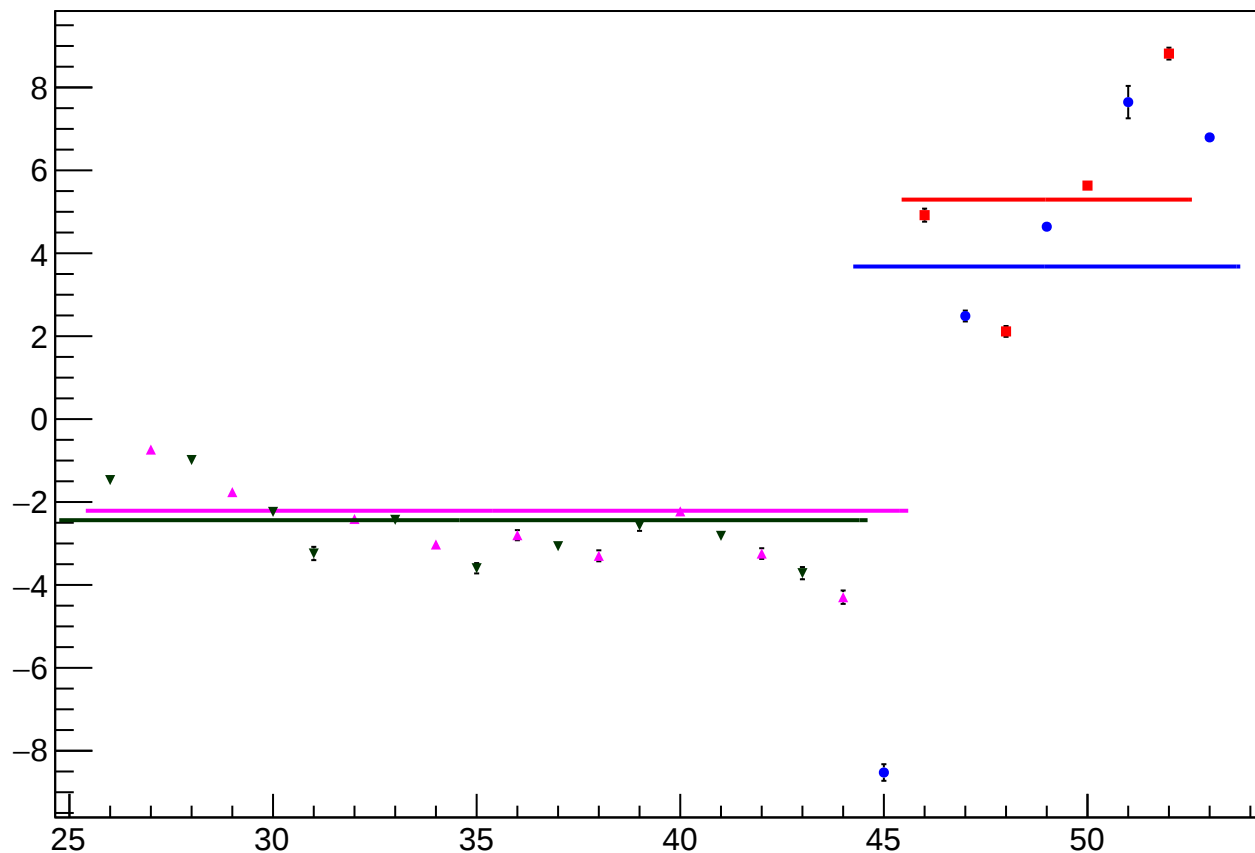
Right Out: 0.012 ± 0.085 χ^2/NDF : 844.4/3

Left In: -3.023 ± 0.043 χ^2/NDF : 2702.0/8

-2.185 ± 0.041 χ^2/NDF : 6413.6/14

-2.398 ± 0.039 χ^2/NDF : 4551.8/12

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 3.680 $\pm$ 0.058 χ^2 /NDF: 4706.7/4

Left Out: -2.438 $\pm$ 0.036 χ^2 /NDF: 538.5/9

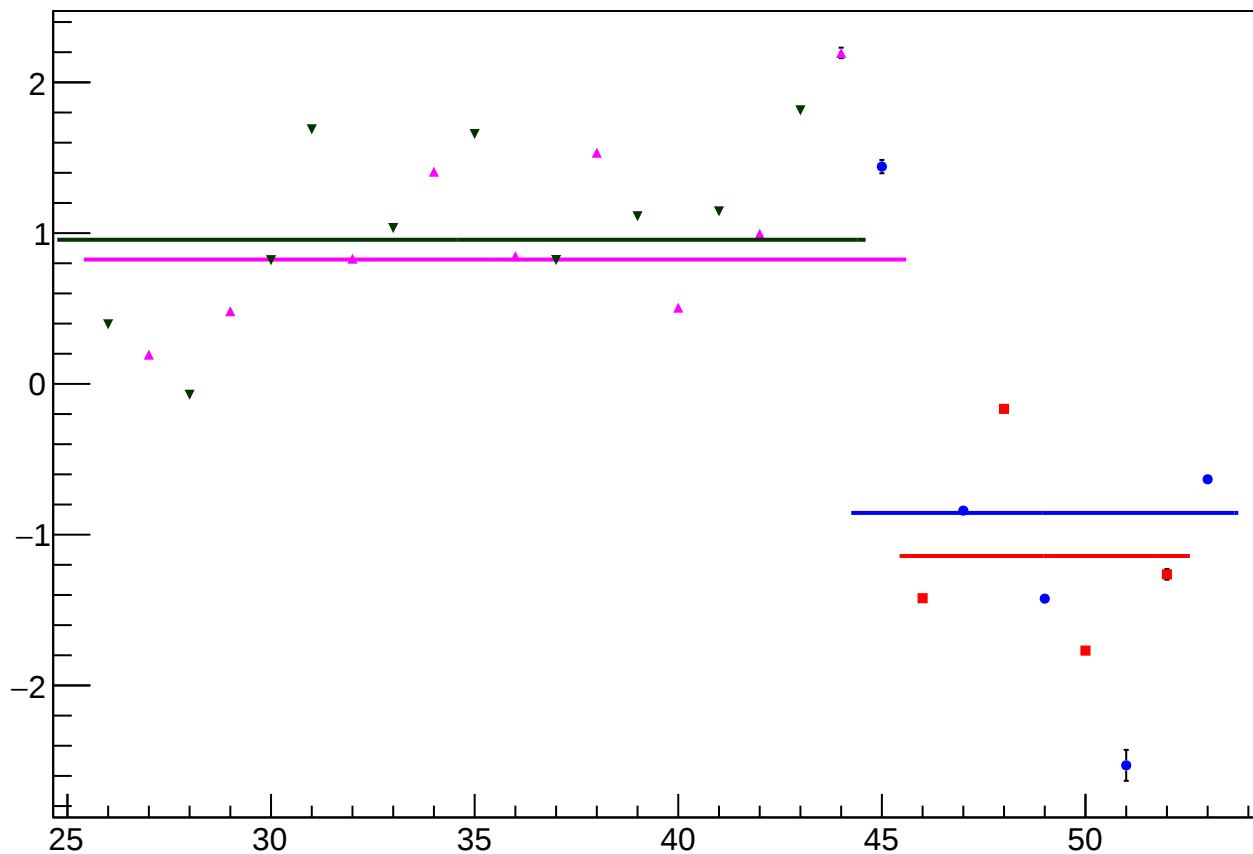
Right Out: 5.294 $\pm$ 0.065 χ^2 /NDF: 1211.2/3

Left In: -2.211 $\pm$ 0.032 χ^2 /NDF: 822.7/8

-0.722 $\pm$ 0.031 χ^2 /NDF: 13209.6/14

-0.754 $\pm$ 0.029 χ^2 /NDF: 12665.8/12

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.856 ± 0.014 χ^2/NDF : 3754.5/4

Left Out: 0.956 ± 0.008 χ^2/NDF : 4739.0/9

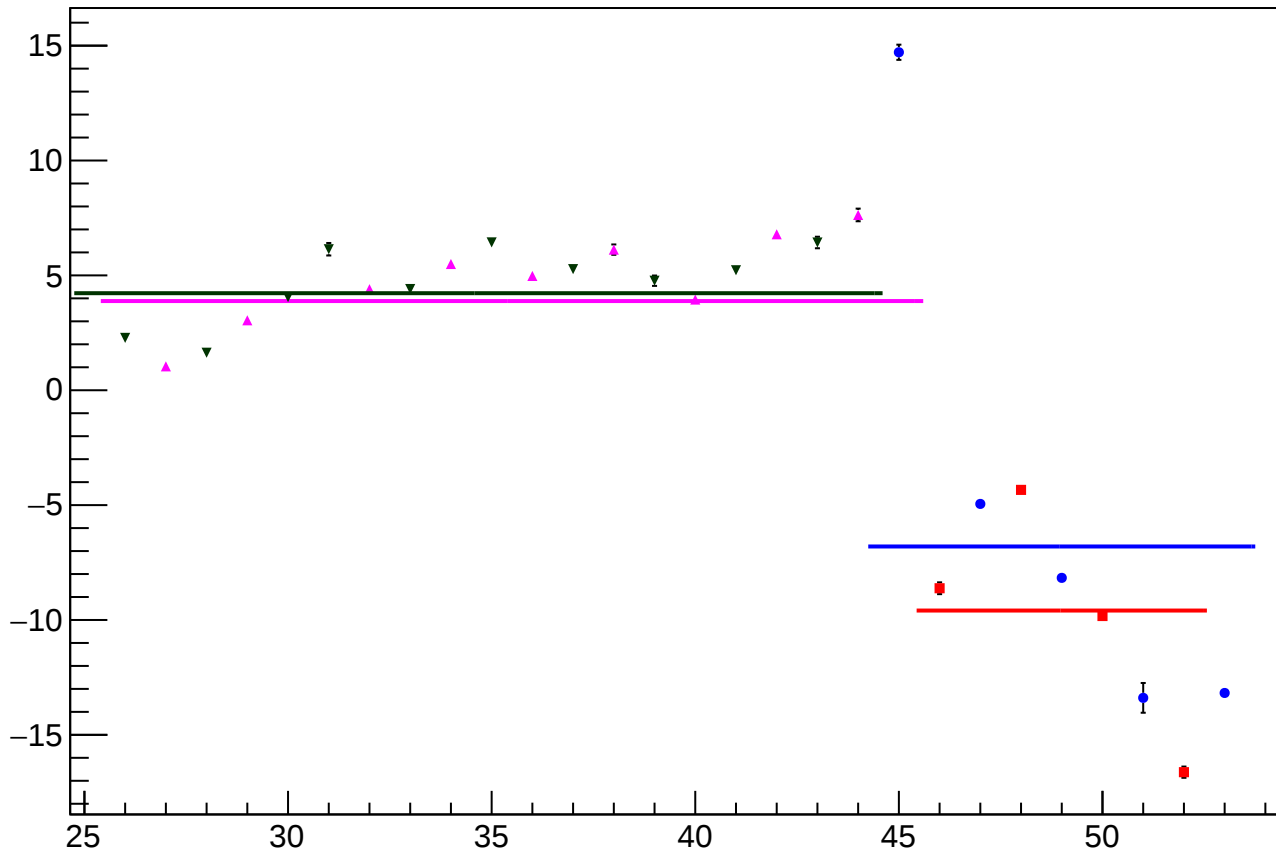
Right Out: -1.142 ± 0.015 χ^2/NDF : 1805.2/3

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.514 ± 0.007 χ^2/NDF : 21406.5/14

0.447 ± 0.007 χ^2/NDF : 19559.6/12

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -6.801 $\pm$ 0.097 χ^2 /NDF: 5461.1/4

Left Out: 4.225 $\pm$ 0.060 χ^2 /NDF:727.8/9

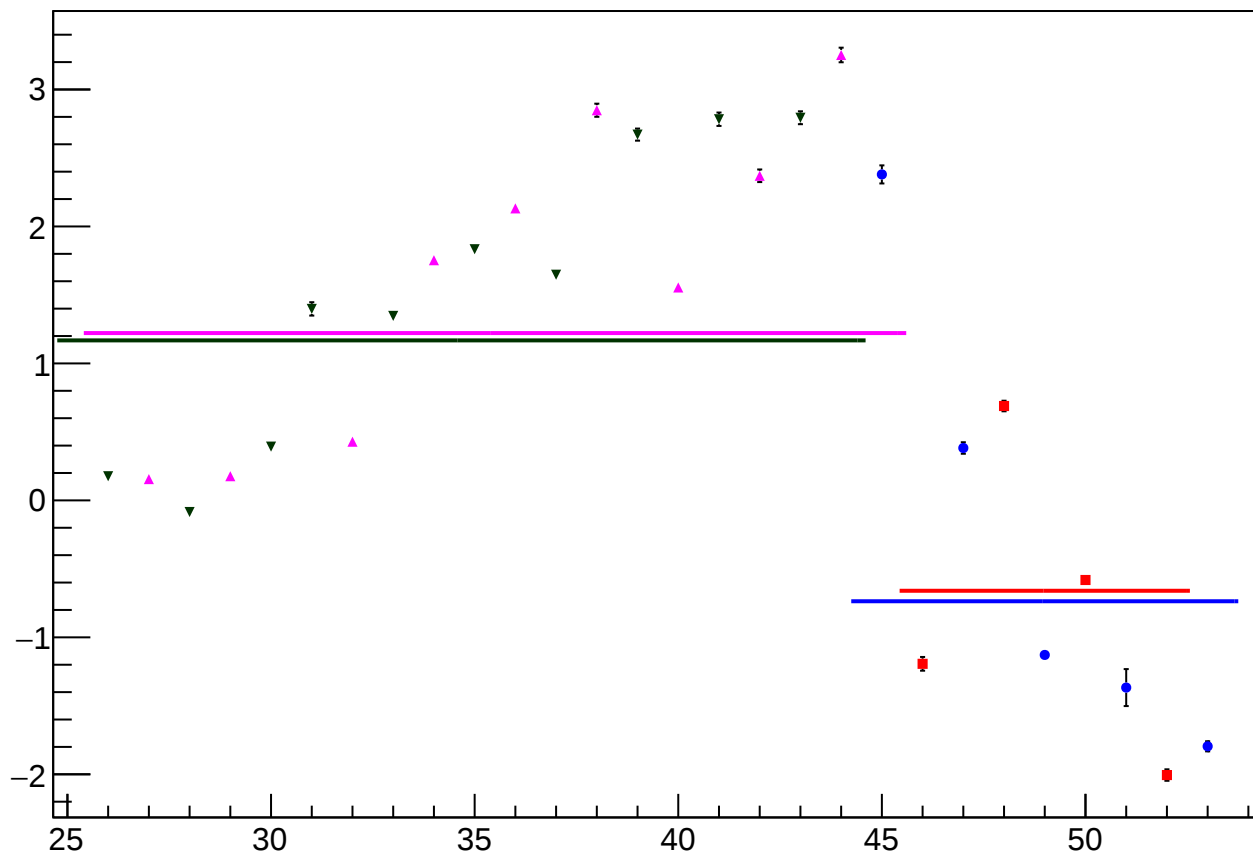
Right Out: -9.589 $\pm$ 0.109 χ^2 /NDF: 1421.5/3

Left In: 3.882 $\pm$ 0.053 χ^2 /NDF:1263.9/8

1.168 $\pm$ 0.051 χ^2 /NDF: 15531.0/14

1.291 $\pm$ 0.048 χ^2 /NDF: 15092.1/12

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.737 ± 0.018 χ^2/NDF : 3994.4/4

Left Out: 1.168 ± 0.011 χ^2/NDF : 8132.7/9

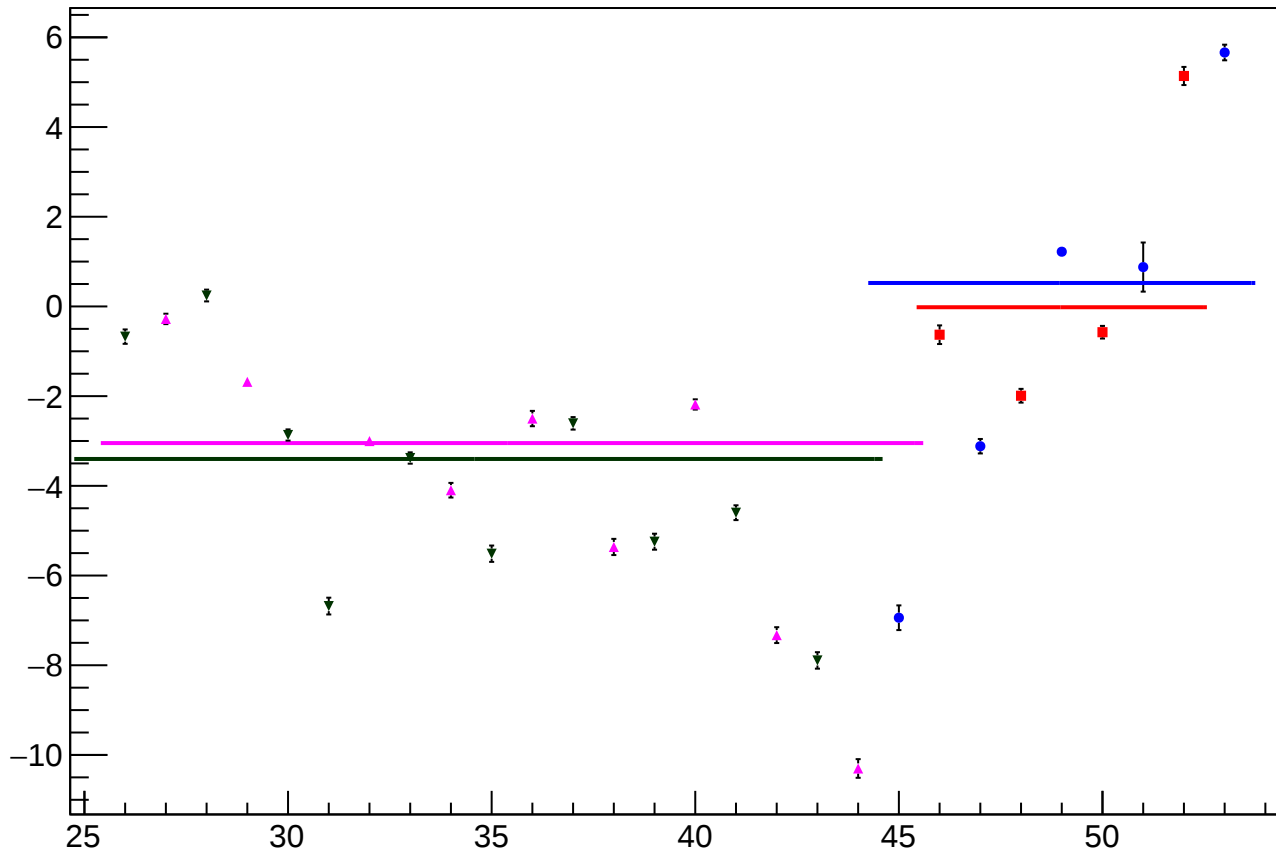
Right Out: -0.660 ± 0.020 χ^2/NDF : 2363.2/3

Left In: 1.222 ± 0.011 χ^2/NDF : 7856.1/8

0.696 ± 0.009 χ^2/NDF : 20201.5/14

0.771 ± 0.010 χ^2/NDF : 17217.1/12

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 0.523 ± 0.073 χ^2/NDF : 2160.7/4

Left Out: -3.401 ± 0.048 χ^2/NDF : 2306.6/9

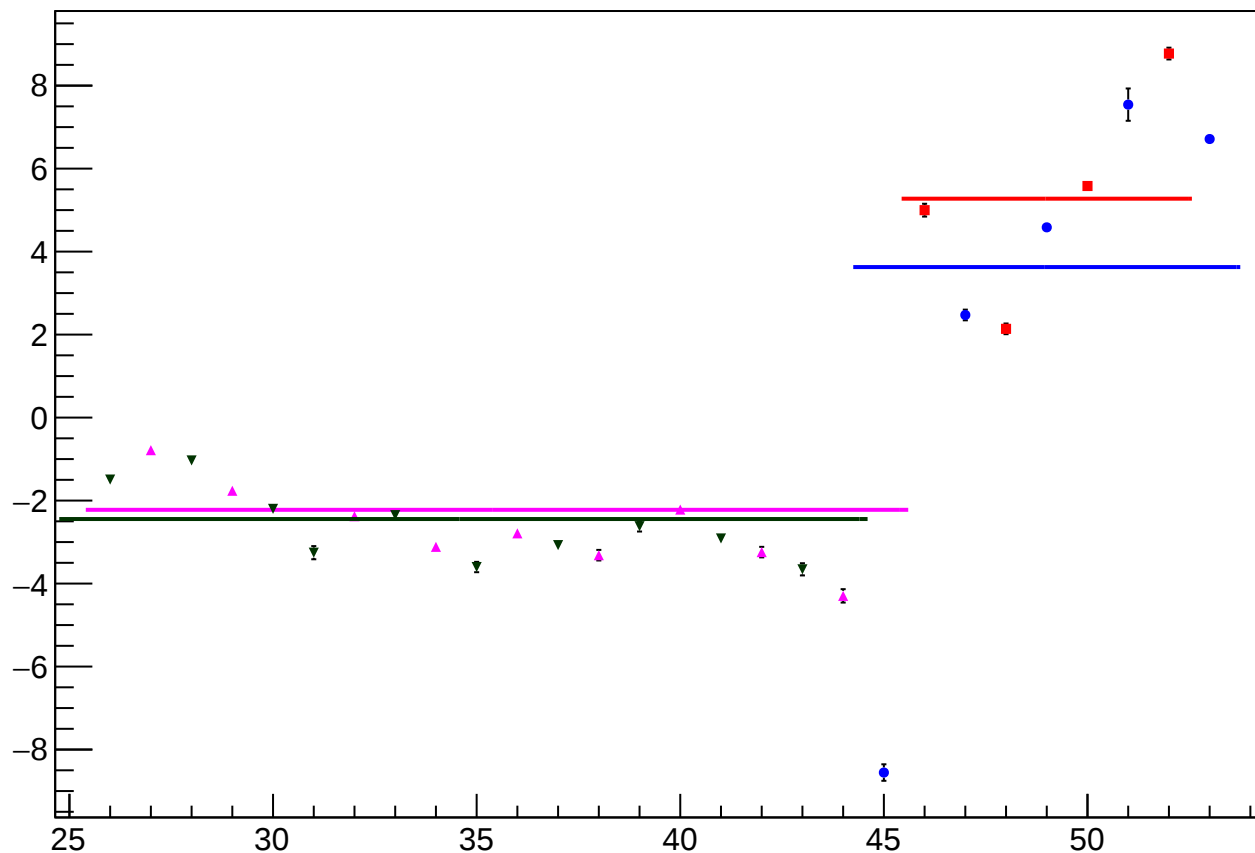
Right Out: -0.018 ± 0.084 χ^2/NDF : 840.5/3

Left In: -3.046 ± 0.043 χ^2/NDF : 2807.9/8

-2.219 ± 0.040 χ^2/NDF : 6466.9/14

-2.425 ± 0.038 χ^2/NDF : 4672.6/12

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 3.627 $\pm$ 0.058 χ^2 /NDF: 4734.7/4

Left Out: -2.445 $\pm$ 0.036 χ^2 /NDF: 529.3/9

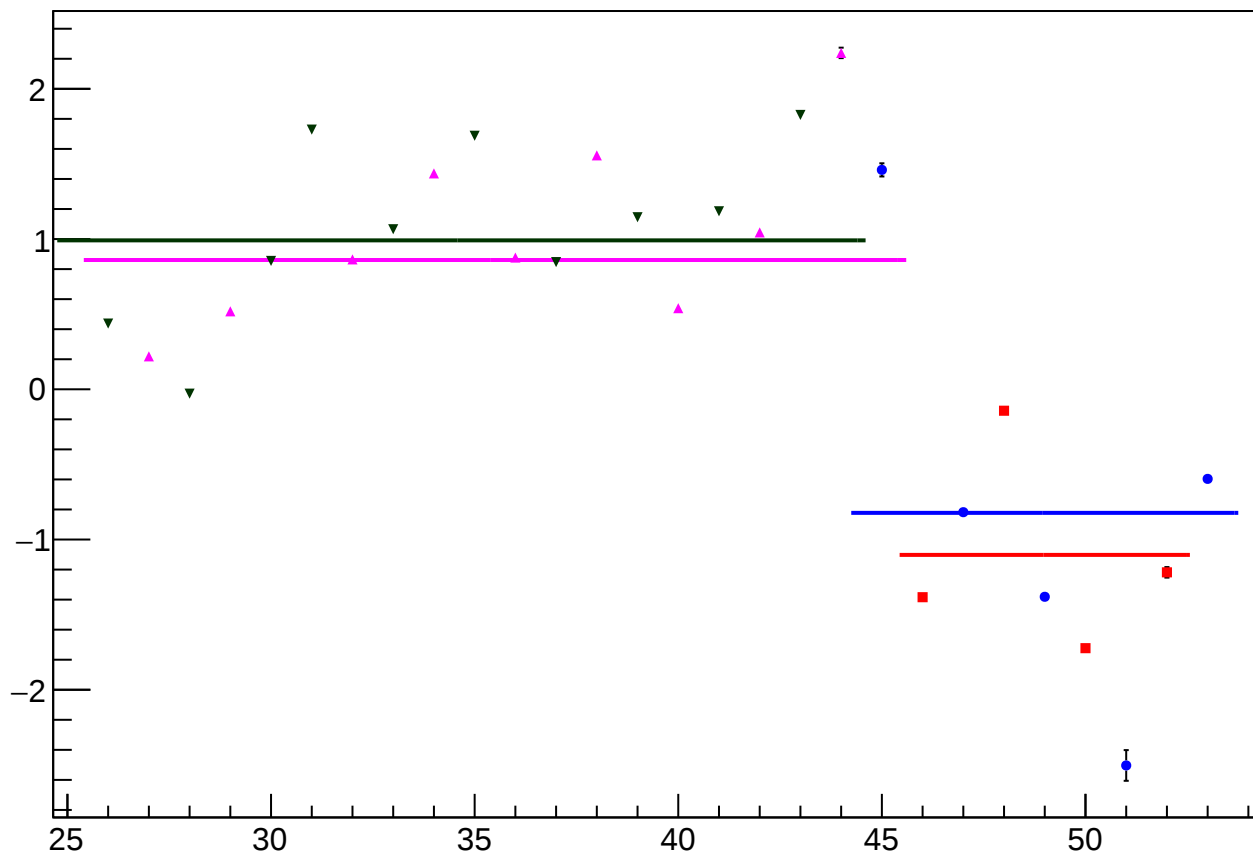
Right Out: 5.275 $\pm$ 0.065 χ^2 /NDF: 1208.7/3

Left In: -2.223 $\pm$ 0.032 χ^2 /NDF: 822.2/8

-0.738 $\pm$ 0.031 χ^2 /NDF: 13263.1/14

-0.772 $\pm$ 0.028 χ^2 /NDF: 12892.6/12

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.822 ± 0.014 χ^2/NDF : 3748.3/4

Left Out: 0.991 ± 0.008 χ^2/NDF : 4720.4/9

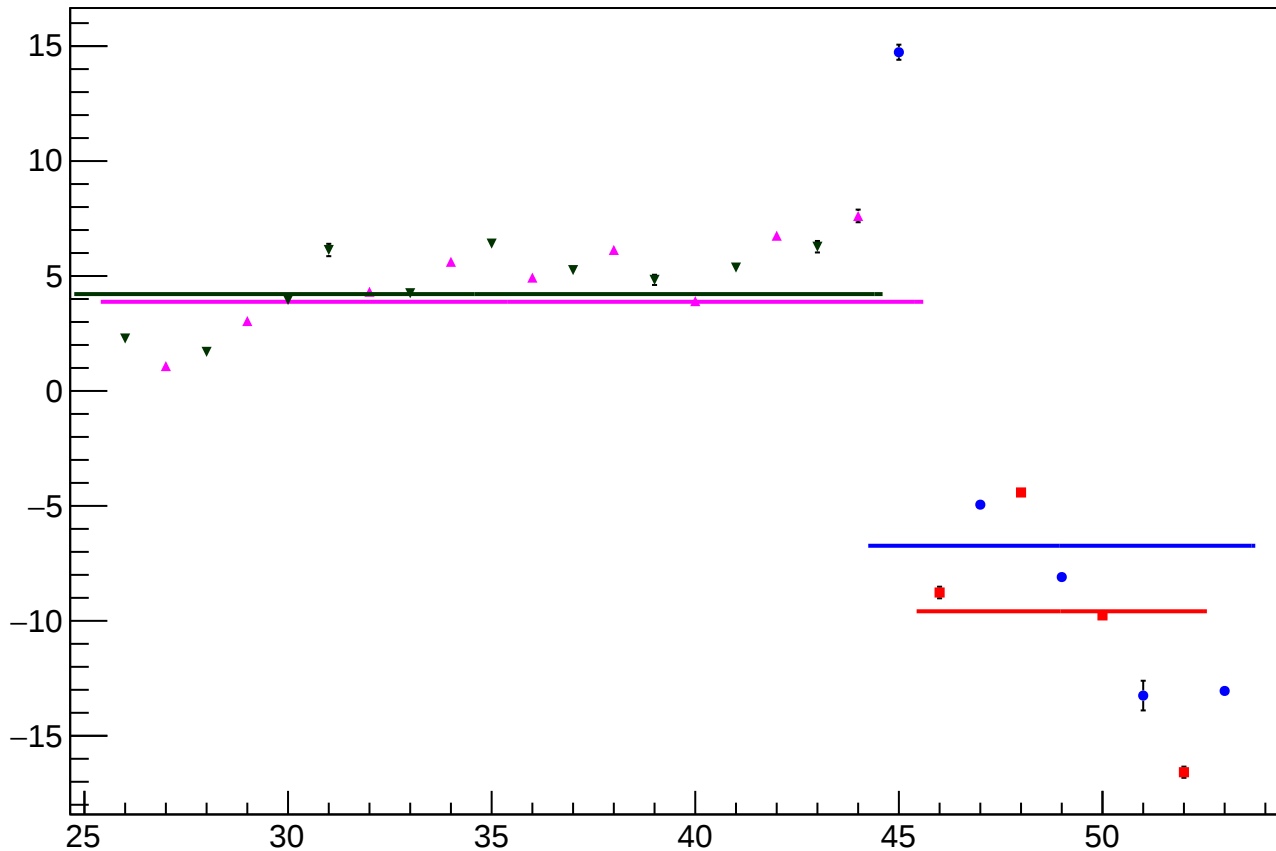
Right Out: -1.102 ± 0.015 χ^2/NDF : 1798.0/3

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.4/8

0.549 ± 0.007 χ^2/NDF : 21684.3/14

0.485 ± 0.007 χ^2/NDF : 19934.2/12

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -6.734+/-0.096 χ^2/NDF : 5491.4/4

Left Out: 4.214+/-0.060 χ^2/NDF : 711.6/9

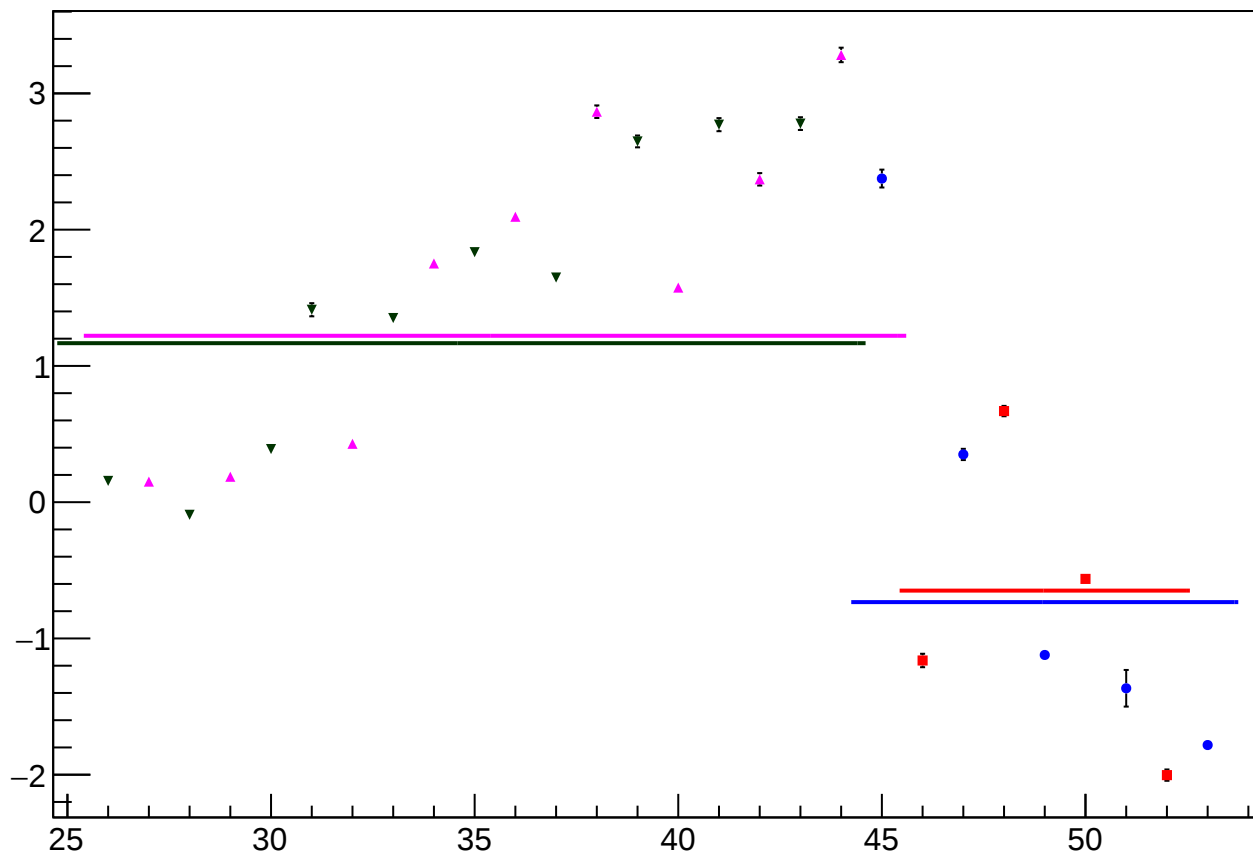
Right Out: -9.584+/-0.107 χ^2/NDF : 1419.1/3

Left In: 3.878+/-0.052 χ^2/NDF : 1270.8/8

1.171+/-0.051 χ^2/NDF : 15594.6/14

1.296+/-0.047 χ^2/NDF : 15370.4/12

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.733+/-0.018 χ^2/NDF : 3990.1/4

Left Out: 1.167+/-0.010 χ^2/NDF :8267.0/9

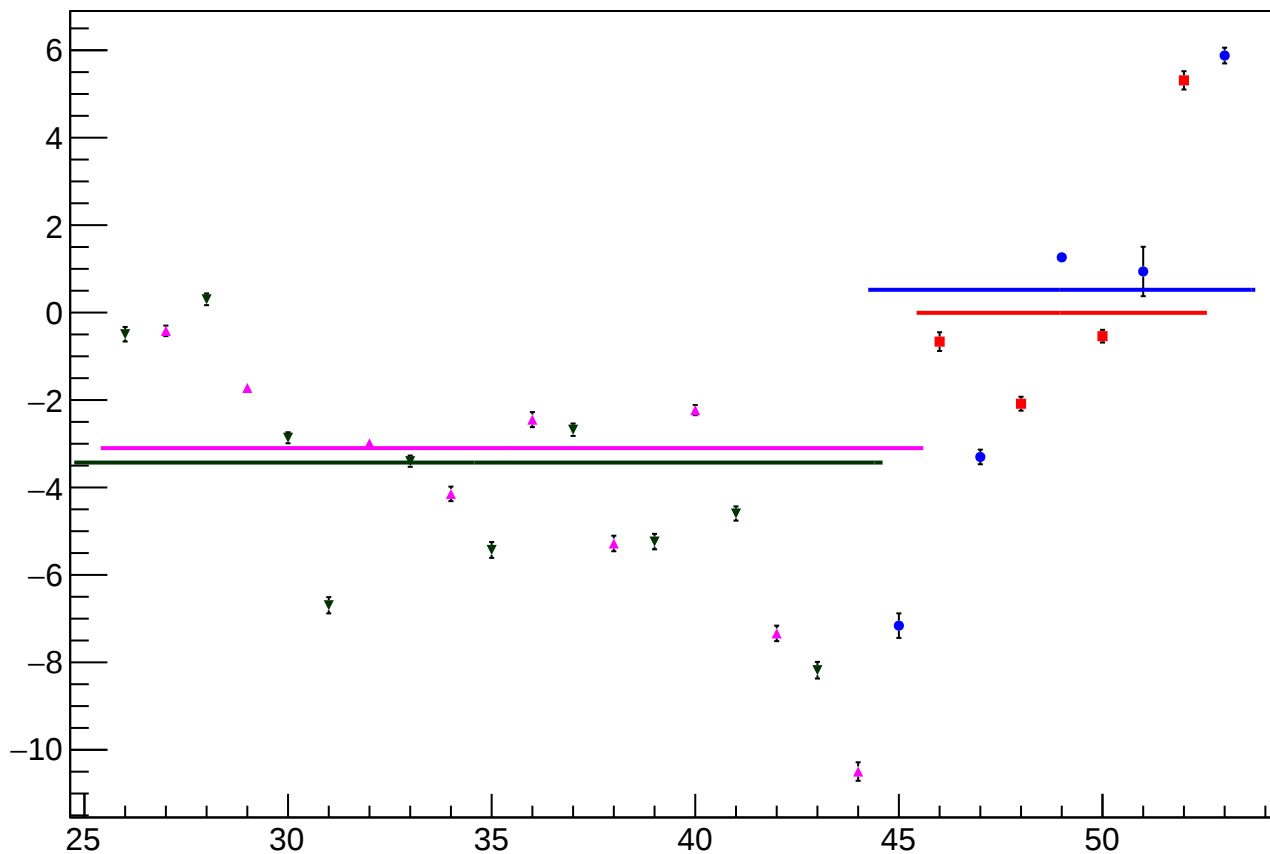
Right Out: -0.649+/-0.019 χ^2/NDF : 2369.9/3

Left In: 1.221+/-0.011 χ^2/NDF :8098.5/8

0.695+/-0.009 χ^2/NDF : 20450.7/14

0.774+/-0.009 χ^2/NDF : 17541.0/12

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 0.521 ± 0.076 χ^2/NDF : 2203.6/4

Left Out: -3.430 ± 0.049 χ^2/NDF : 2337.3/9

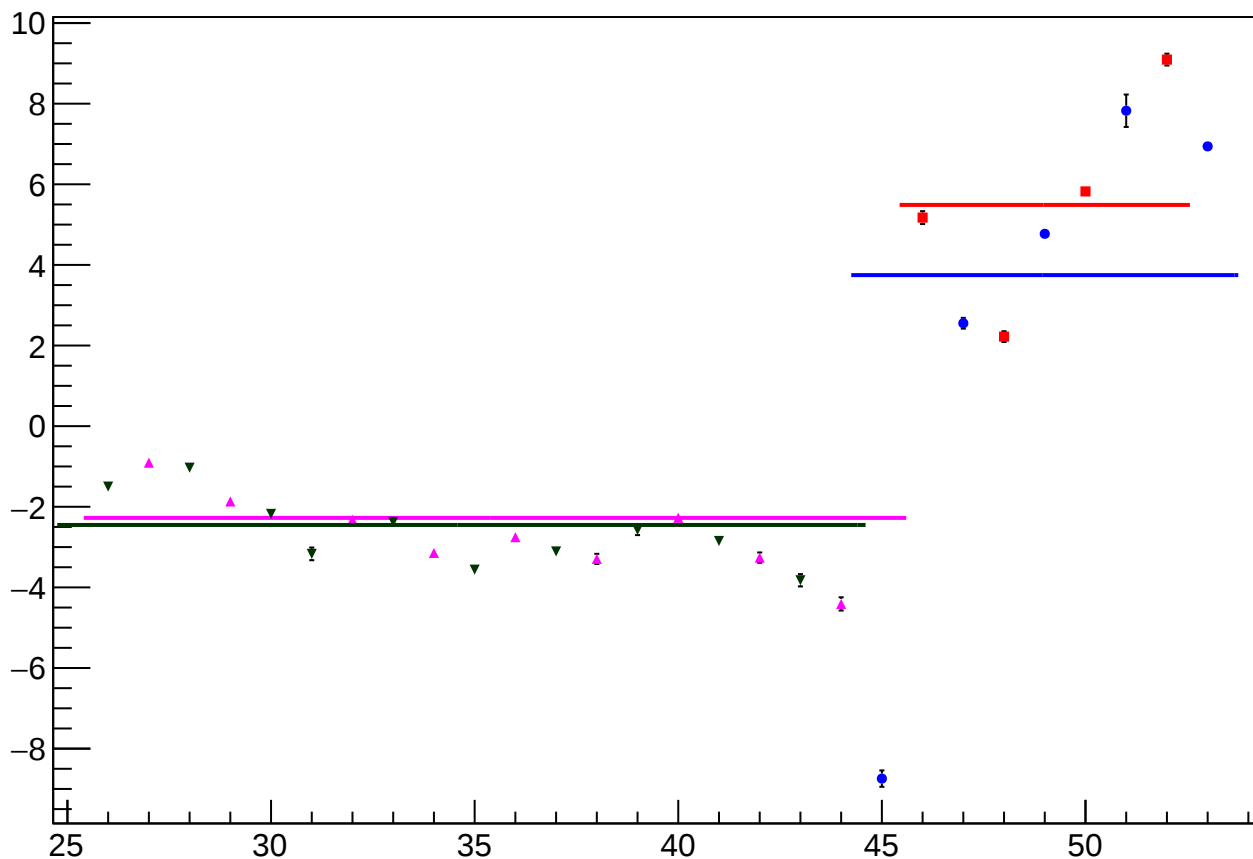
Right Out: -0.005 ± 0.087 χ^2/NDF : 838.9/3

Left In: -3.099 ± 0.043 χ^2/NDF : 2714.1/8

-2.277 ± 0.041 χ^2/NDF : 6459.2/14

-2.488 ± 0.039 χ^2/NDF : 4559.8/12

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 3.747 ± 0.060 χ^2/NDF : 4774.1/4

Left Out: -2.451 ± 0.036 χ^2/NDF : 518.0/9

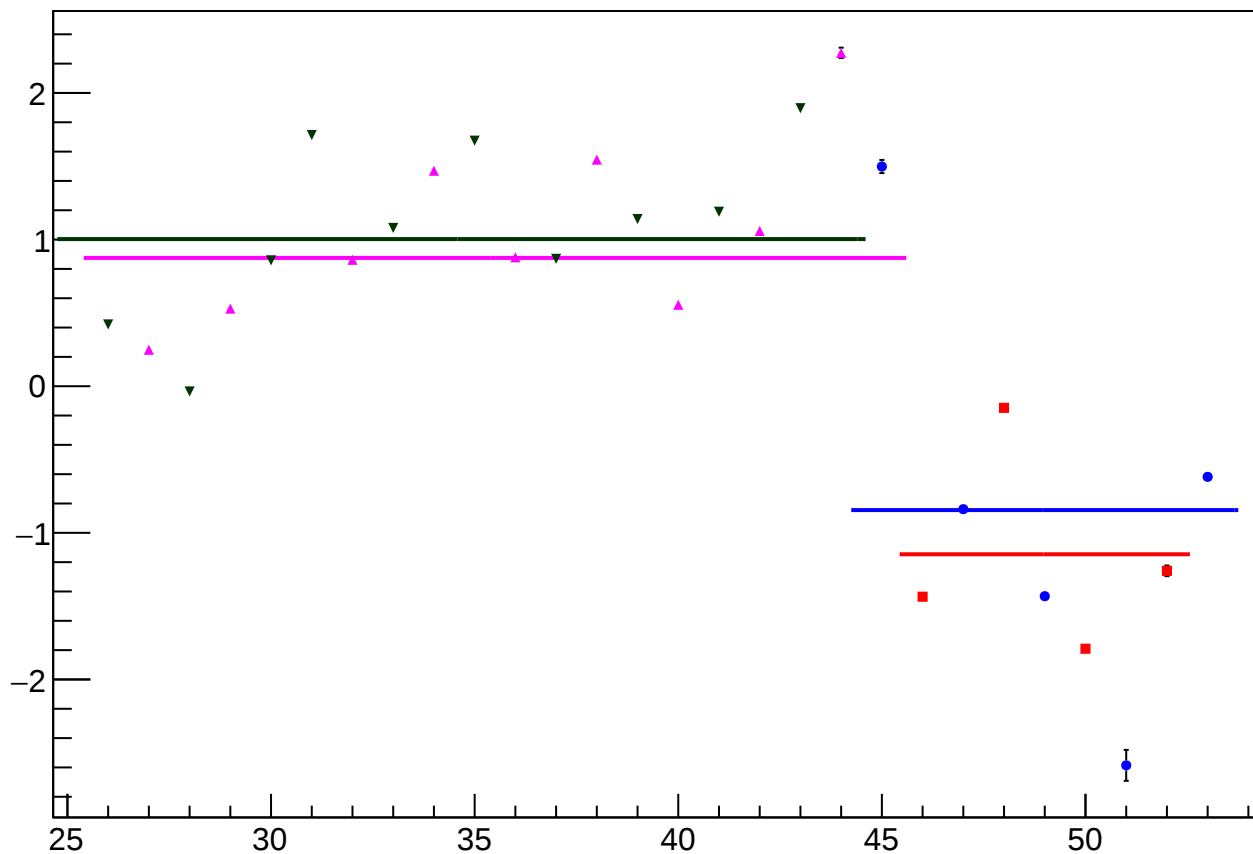
Right Out: 5.488 ± 0.067 χ^2/NDF : 1208.6/3

Left In: -2.276 ± 0.032 χ^2/NDF : 728.6/8

-0.765 ± 0.031 χ^2/NDF : 13177.2/14

-0.827 ± 0.029 χ^2/NDF : 12904.8/12

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.845 ± 0.014 χ^2/NDF : 3789.2/4

Left Out: 1.003 ± 0.008 χ^2/NDF : 4667.5/9

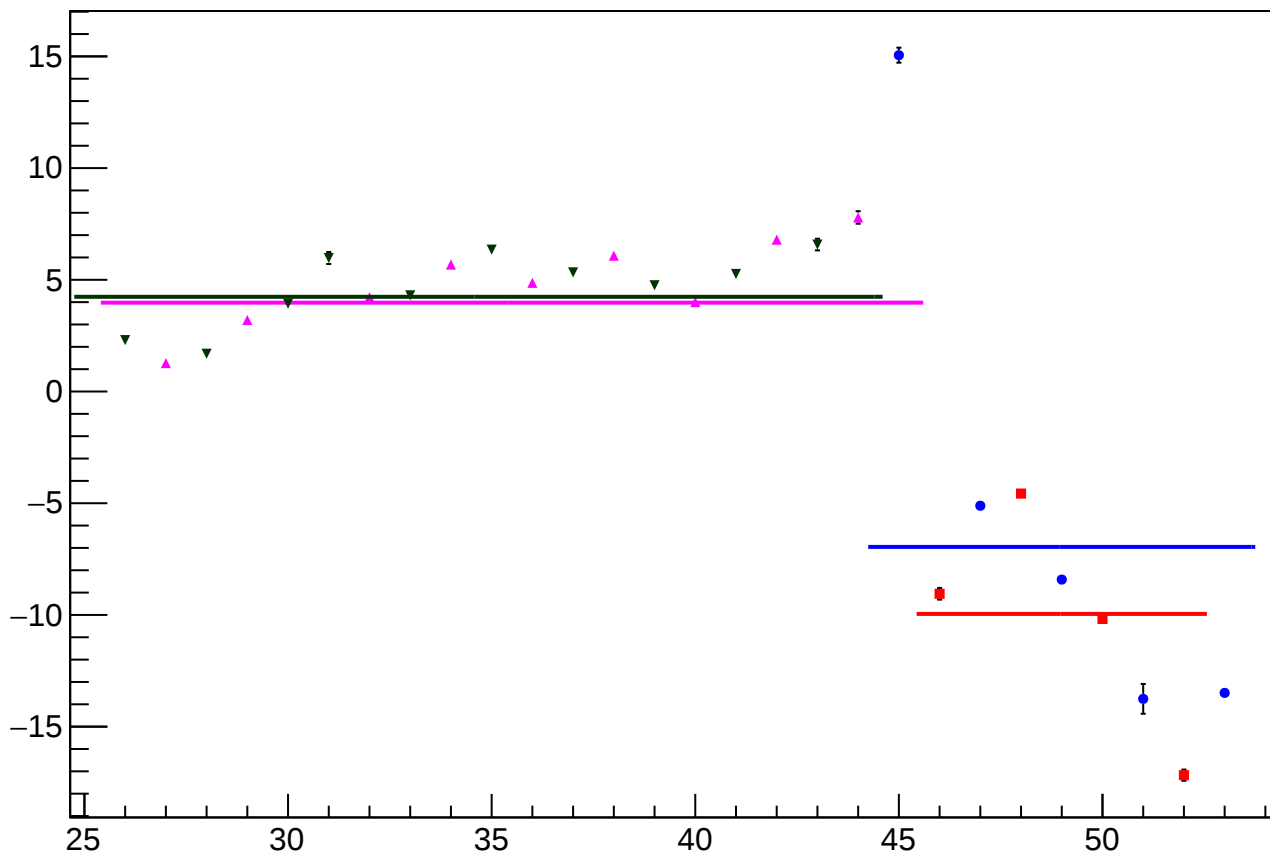
Right Out: -1.146 ± 0.015 χ^2/NDF : 1801.4/3

Left In: 0.875 ± 0.007 χ^2/NDF : 3999.7/8

0.568 ± 0.007 χ^2/NDF : 21413.6/14

0.504 ± 0.007 χ^2/NDF : 19773.5/12

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -6.955+/-0.099 χ^2/NDF : 5532.3/4

Left Out: 4.240+/-0.060 χ^2/NDF : 692.9/9

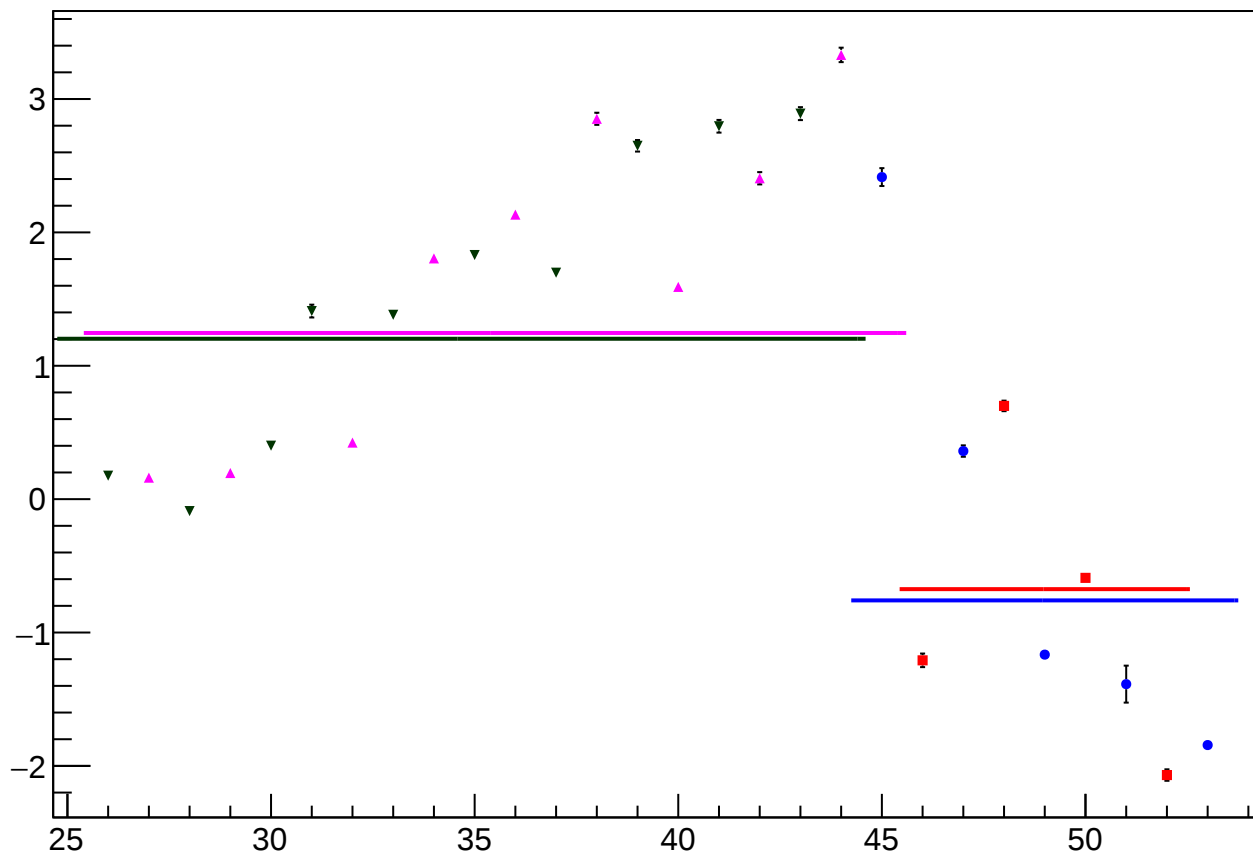
Right Out: -9.954+/-0.111 χ^2/NDF : 1419.0/3

Left In: 3.978+/-0.053 χ^2/NDF : 1142.5/8

1.227+/-0.052 χ^2/NDF : 15509.3/14

1.397+/-0.048 χ^2/NDF : 15345.4/12

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.759+/-0.019 χ^2/NDF : 3985.7/4

Left Out: 1.203+/-0.011 χ^2/NDF : 8206.3/9

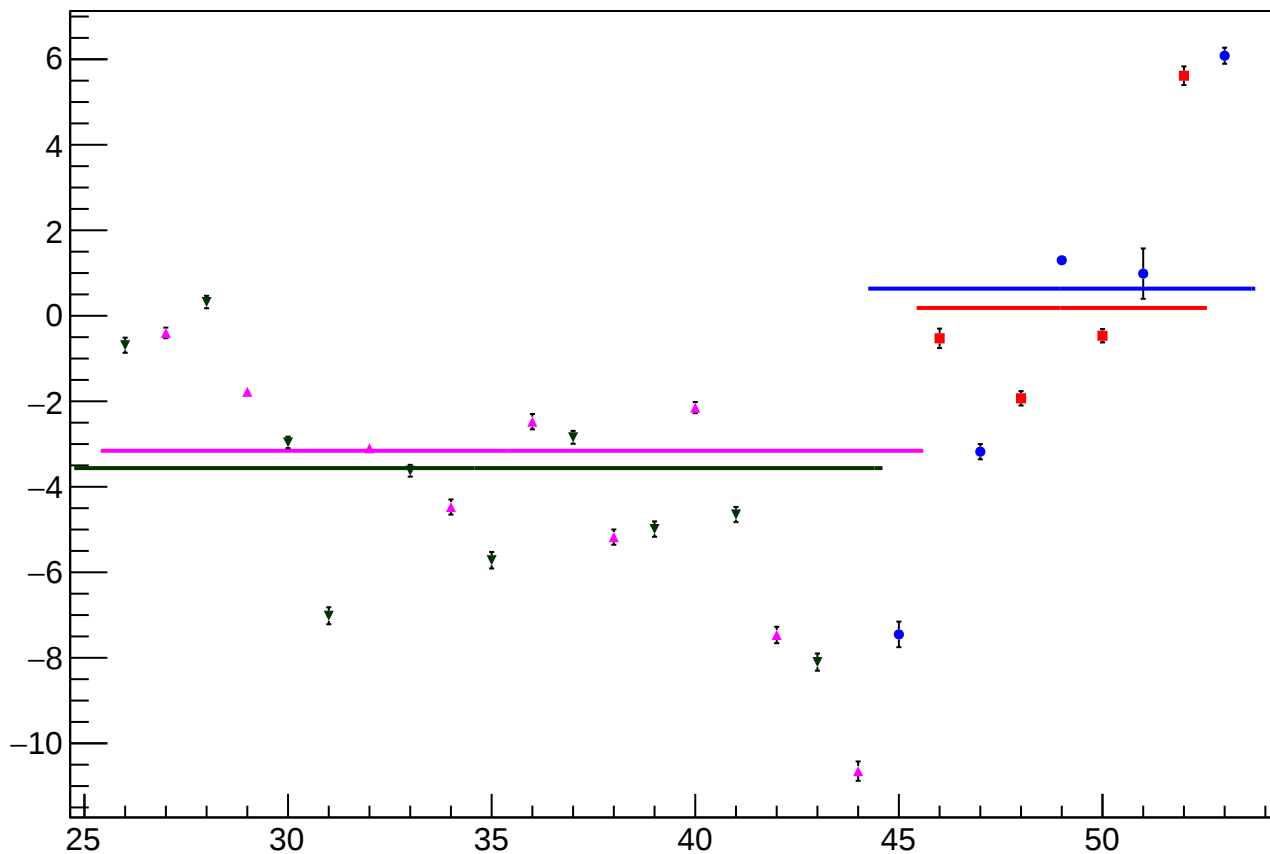
Right Out: -0.675+/-0.020 χ^2/NDF : 2371.5/3

Left In: 1.246+/-0.011 χ^2/NDF : 8115.6/8

0.730+/-0.009 χ^2/NDF : 20425.3/14

0.802+/-0.010 χ^2/NDF : 17524.3/12

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 0.636 ± 0.080 χ^2/NDF : 2059.3/4

Left Out: -3.563 ± 0.052 χ^2/NDF : 2041.0/9

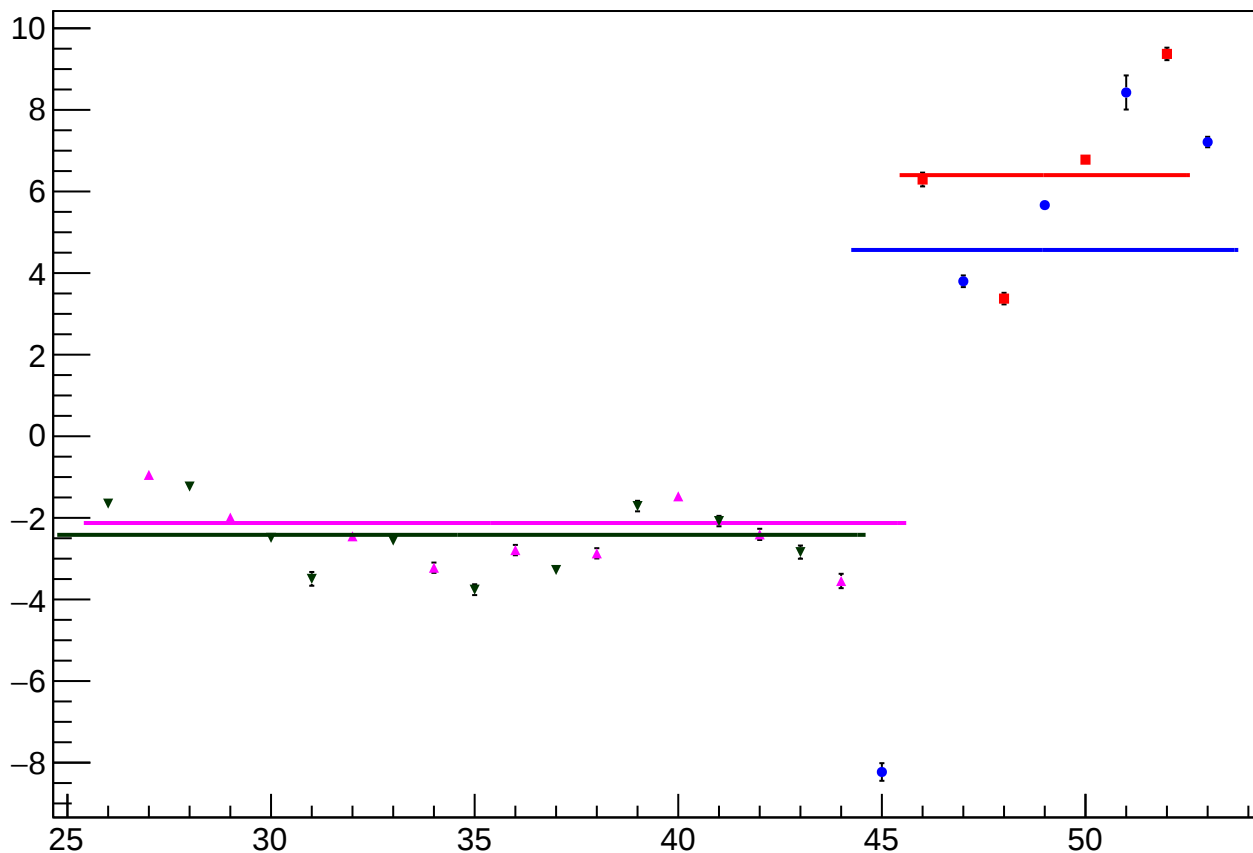
Right Out: 0.184 ± 0.093 χ^2/NDF : 807.3/3

Left In: -3.157 ± 0.046 χ^2/NDF : 2492.0/8

-2.317 ± 0.044 χ^2/NDF : 6034.4/14

-2.495 ± 0.041 χ^2/NDF : 4342.3/12

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 4.567+/-0.063 χ^2/NDF : 4187.8/4

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

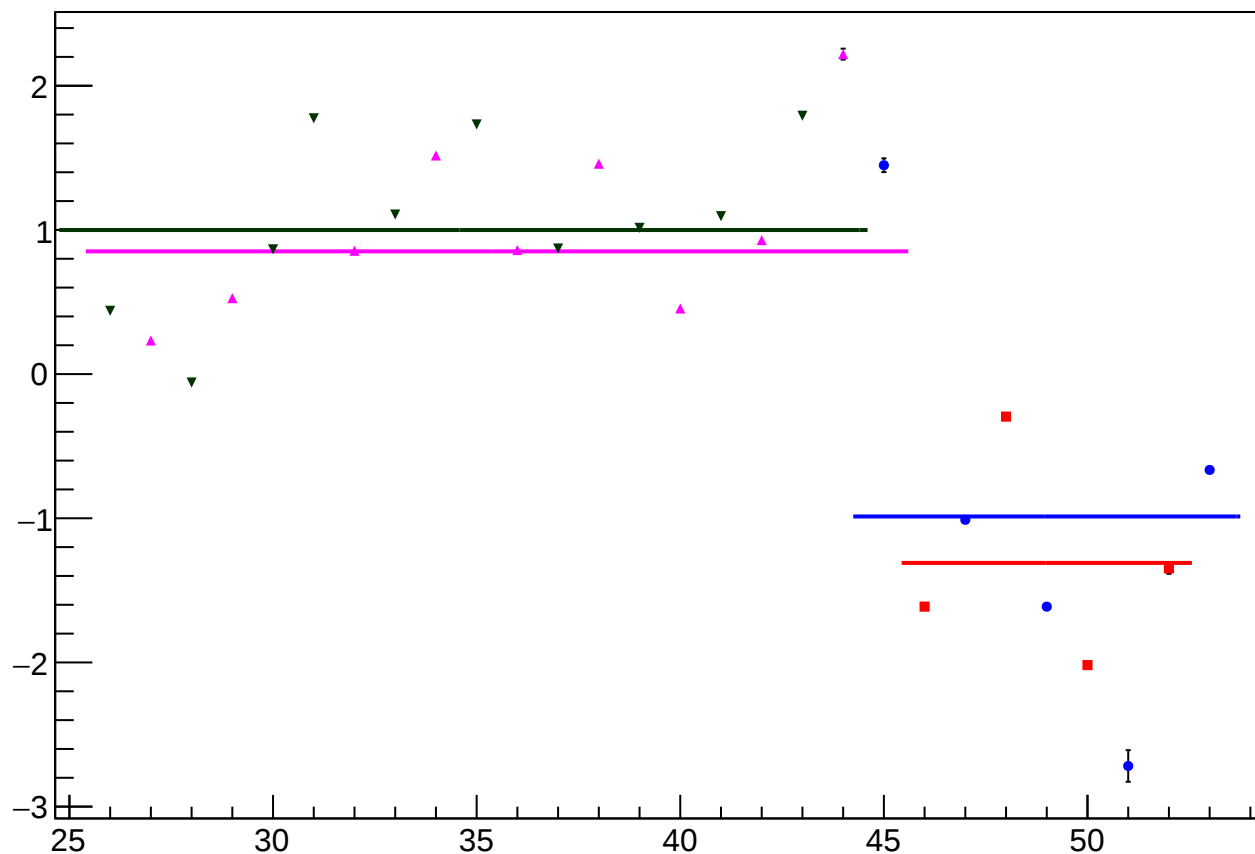
Right Out: 6.401+/-0.071 χ^2/NDF : 843.3/3

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-0.484+/-0.033 χ^2/NDF : 13547.8/14

-0.540+/-0.031 χ^2/NDF : 13129.3/12

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -0.987 ± 0.015 χ^2/NDF : 3712.2/4

Left Out: 0.999 ± 0.008 χ^2/NDF : 4096.0/9

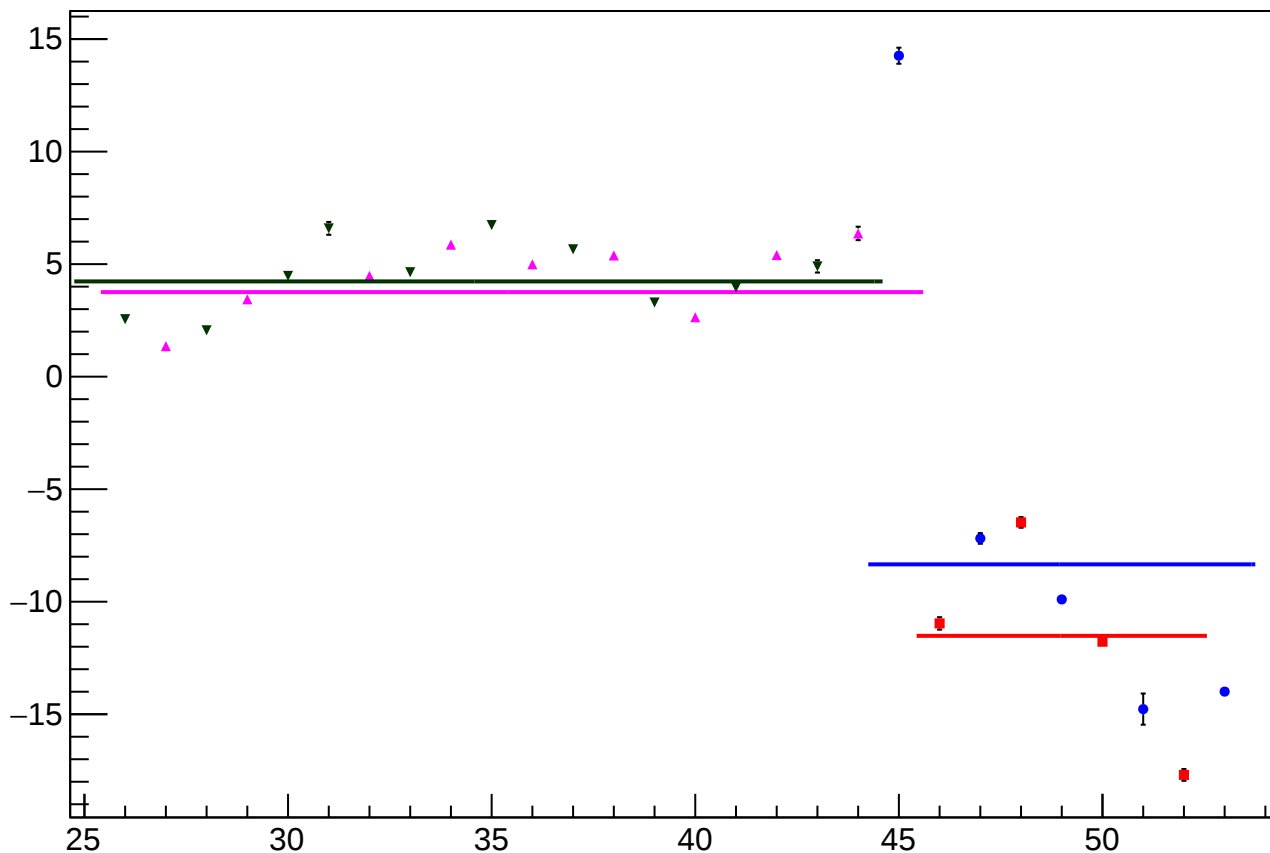
Right Out: -1.310 ± 0.016 χ^2/NDF : 1724.1/3

Left In: 0.851 ± 0.008 χ^2/NDF : 3579.4/8

0.523 ± 0.007 χ^2/NDF : 21180.4/14

0.454 ± 0.007 χ^2/NDF : 19522.3/12

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -8.340 ± 0.105 χ^2/NDF : 4878.7/4

Left Out: 4.232 ± 0.064 χ^2/NDF : 531.4/9

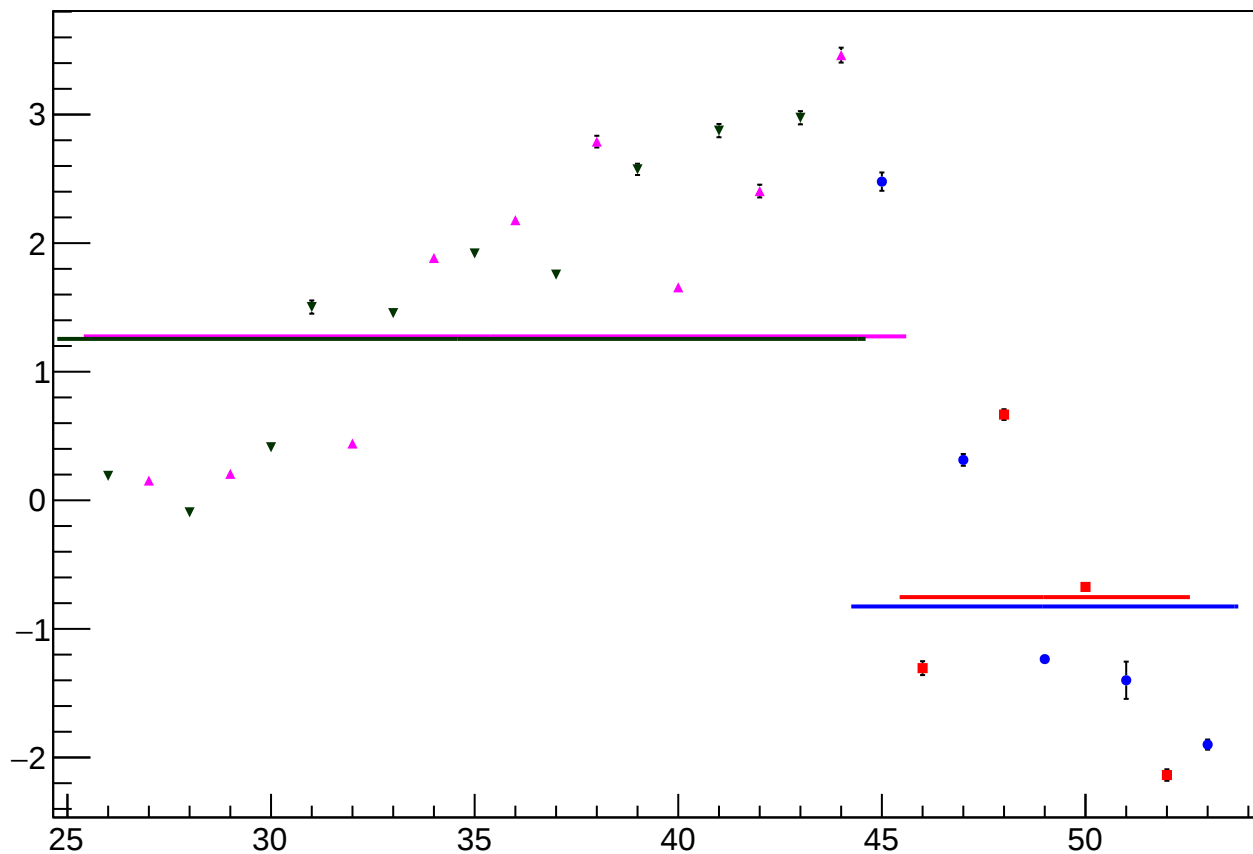
Right Out: -11.517 ± 0.118 χ^2/NDF : 1018.4/3

Left In: 3.757 ± 0.056 χ^2/NDF : 807.8/8

0.786 ± 0.055 χ^2/NDF : 15880.5/14

0.943 ± 0.051 χ^2/NDF : 15501.5/12

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.826 ± 0.020 χ^2/NDF : 3722.3/4

Left Out: 1.255 ± 0.011 χ^2/NDF : 7468.2/9

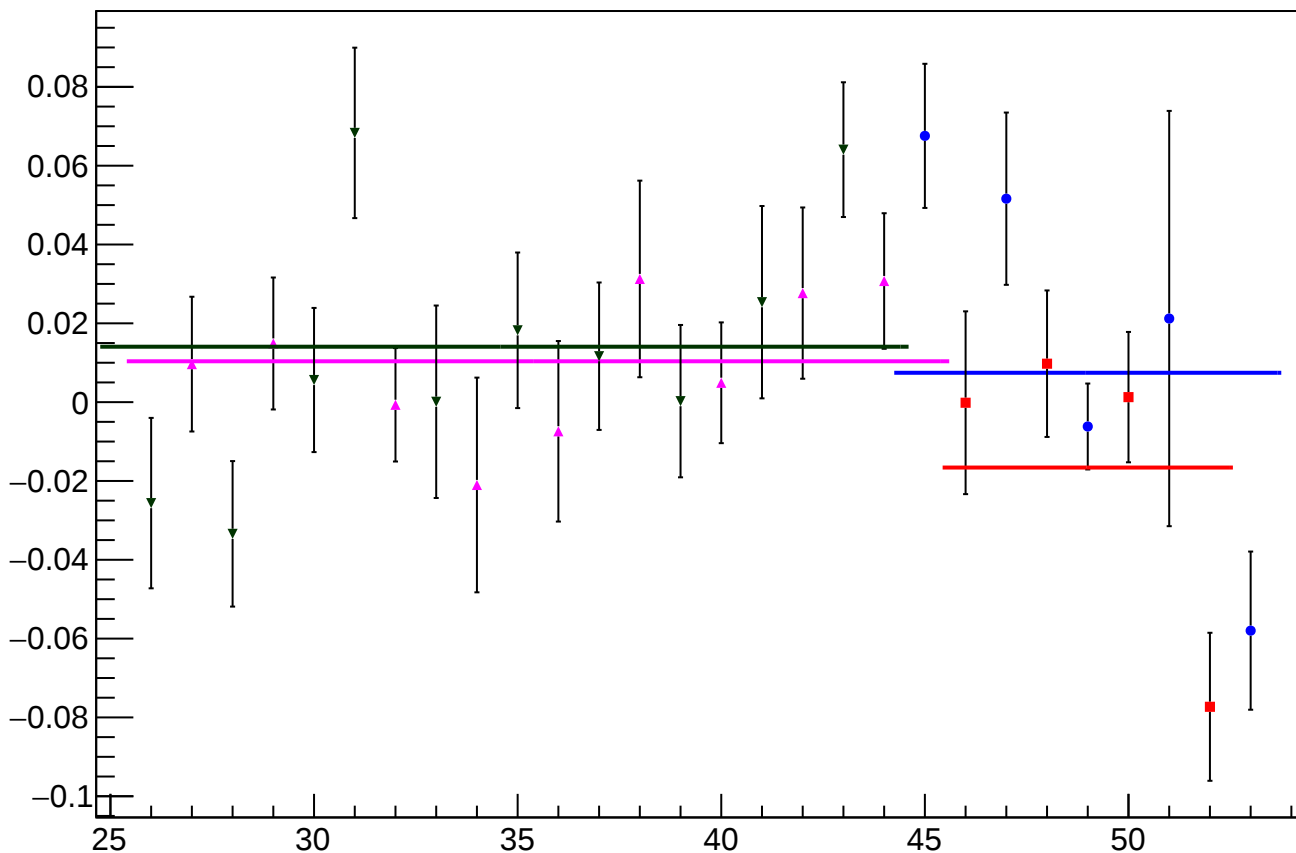
Right Out: -0.753 ± 0.021 χ^2/NDF : 2220.1/3

Left In: 1.275 ± 0.012 χ^2/NDF : 7555.8/8

0.744 ± 0.010 χ^2/NDF : 19474.8/14

0.803 ± 0.010 χ^2/NDF : 16759.8/12

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.007 ± 0.008 χ^2/NDF : 27.2/4

Left Out: 0.014 ± 0.006 χ^2/NDF : 26.2/9

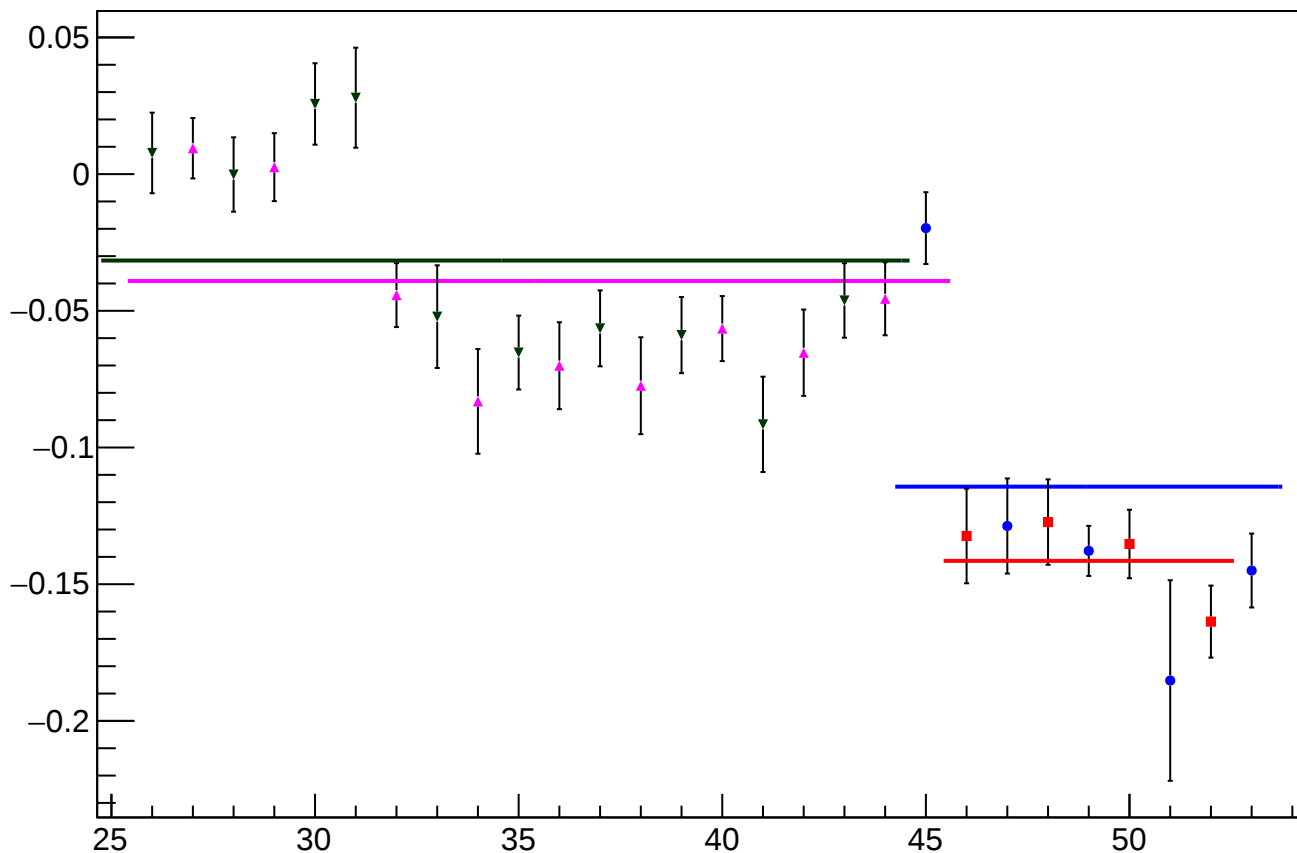
Right Out: -0.017 ± 0.009 χ^2/NDF : 14.1/3

Left In: 0.010 ± 0.006 χ^2/NDF : 5.5/8

0.011 ± 0.005 χ^2/NDF : 53.7/14

0.002 ± 0.005 χ^2/NDF : 25.3/12

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.114 $\pm$ 0.006 χ^2 /NDF: 68.0/4

Left Out: -0.032 $\pm$ 0.005 χ^2 /NDF: 65.2/9

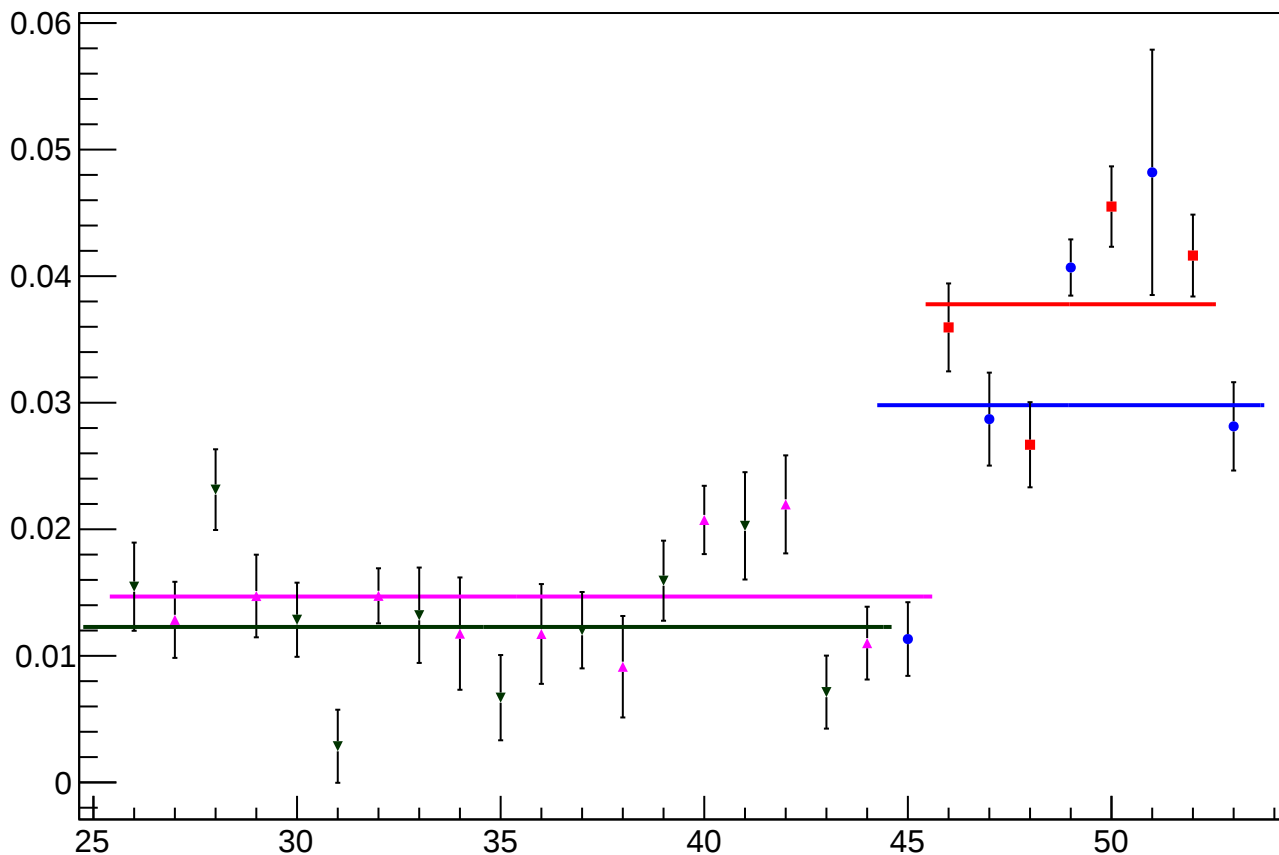
Right Out: -0.141 $\pm$ 0.007 χ^2 /NDF: 4.2/3

Left In: -0.039 $\pm$ 0.005 χ^2 /NDF: 49.7/8

-0.063 $\pm$ 0.004 χ^2 /NDF: 249.1/14

-0.068 $\pm$ 0.004 χ^2 /NDF: 200.1/12

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.030 $\pm$ 0.001 χ^2 /NDF: 68.2/4

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

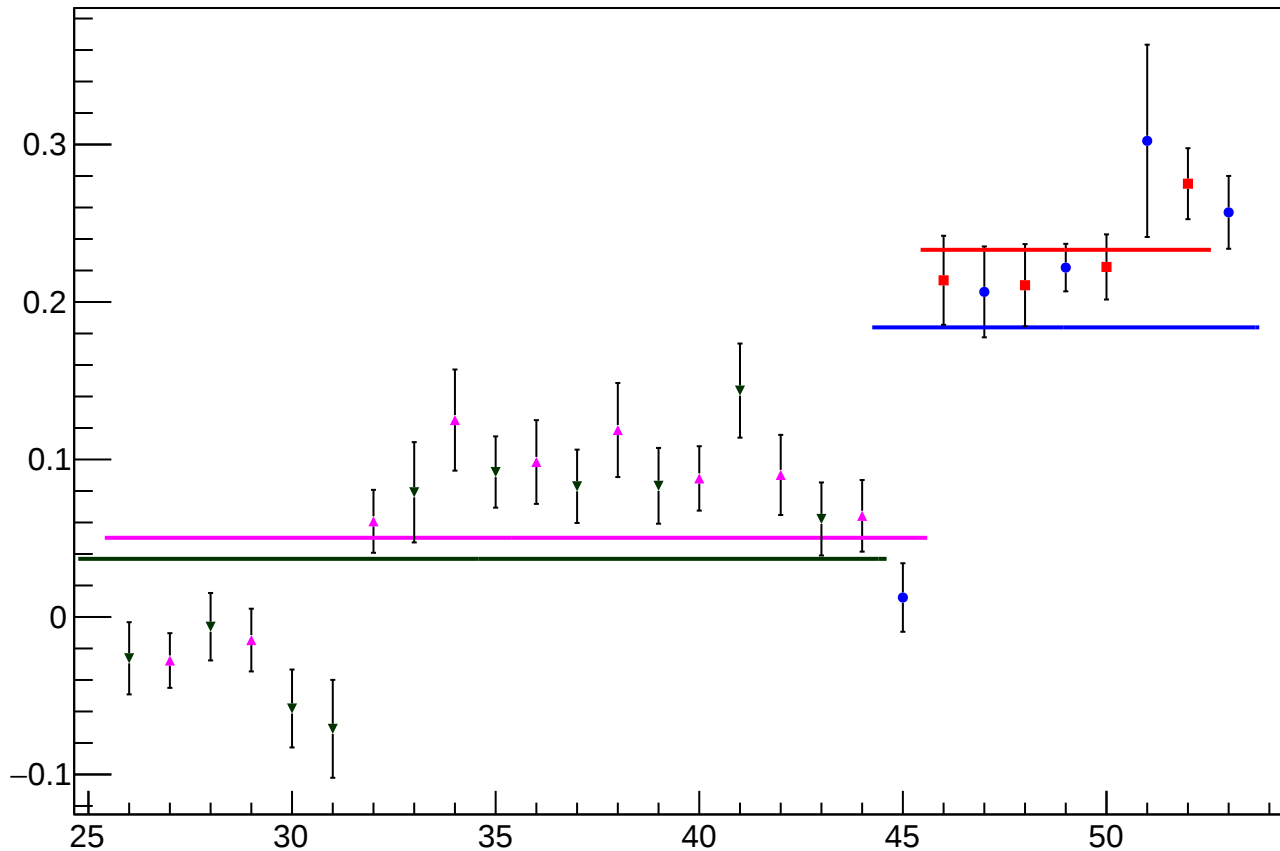
Right Out: 0.038 $\pm$ 0.002 χ^2 /NDF: 18.5/3

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.018 $\pm$ 0.001 χ^2 /NDF: 201.6/14

0.021 $\pm$ 0.001 χ^2 /NDF: 171.5/12

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.184 ± 0.010 $\chi^2/\text{NDF}: 82.8/4$

Left Out: 0.037 ± 0.008 $\chi^2/\text{NDF}: 67.8/9$

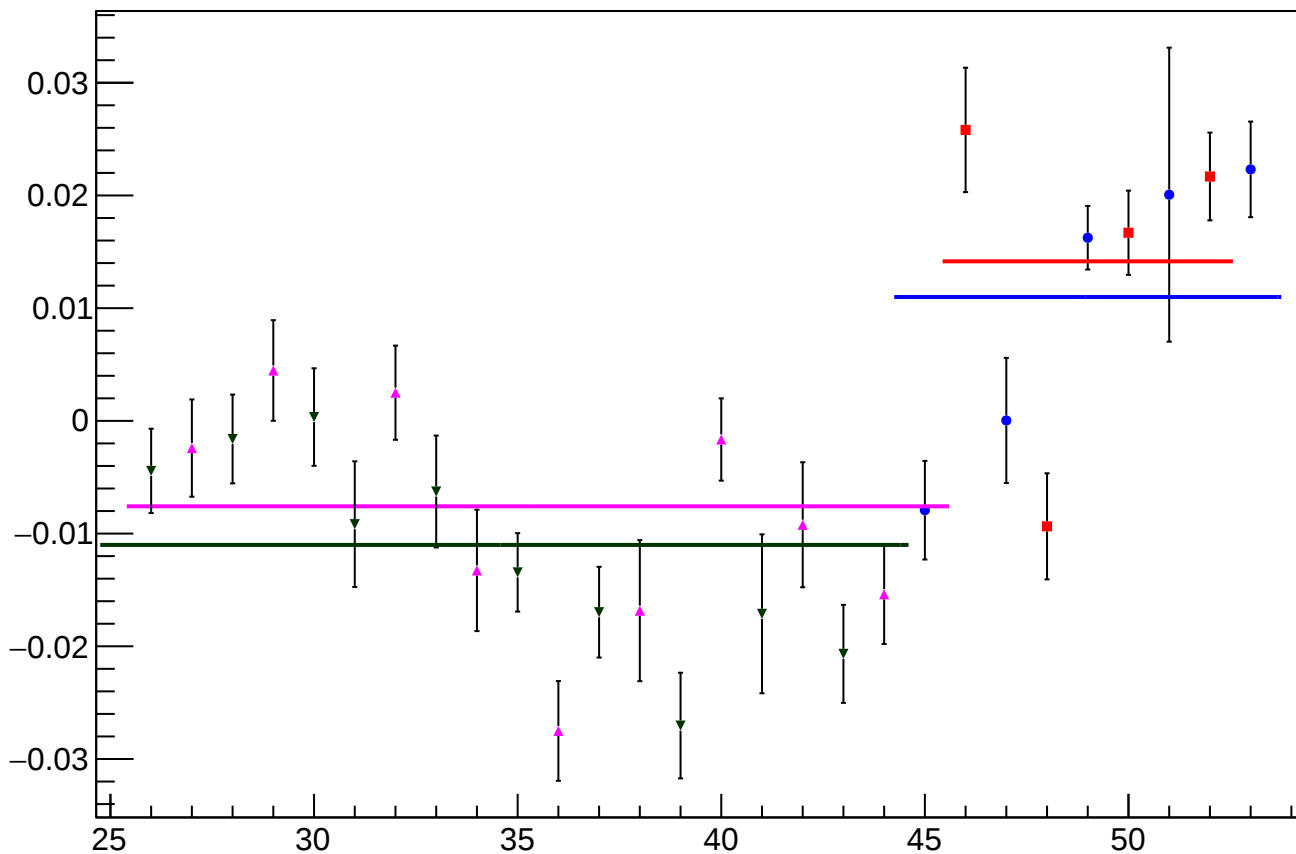
Right Out: 0.233 ± 0.012 $\chi^2/\text{NDF}: 5.0/3$

Left In: 0.050 ± 0.008 $\chi^2/\text{NDF}: 51.2/8$

0.092 ± 0.006 $\chi^2/\text{NDF}: 283.0/14$

0.102 ± 0.006 $\chi^2/\text{NDF}: 224.4/12$

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.011 $\pm$ 0.002 χ^2 /NDF: 33.7/4

Left Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 36.7/9

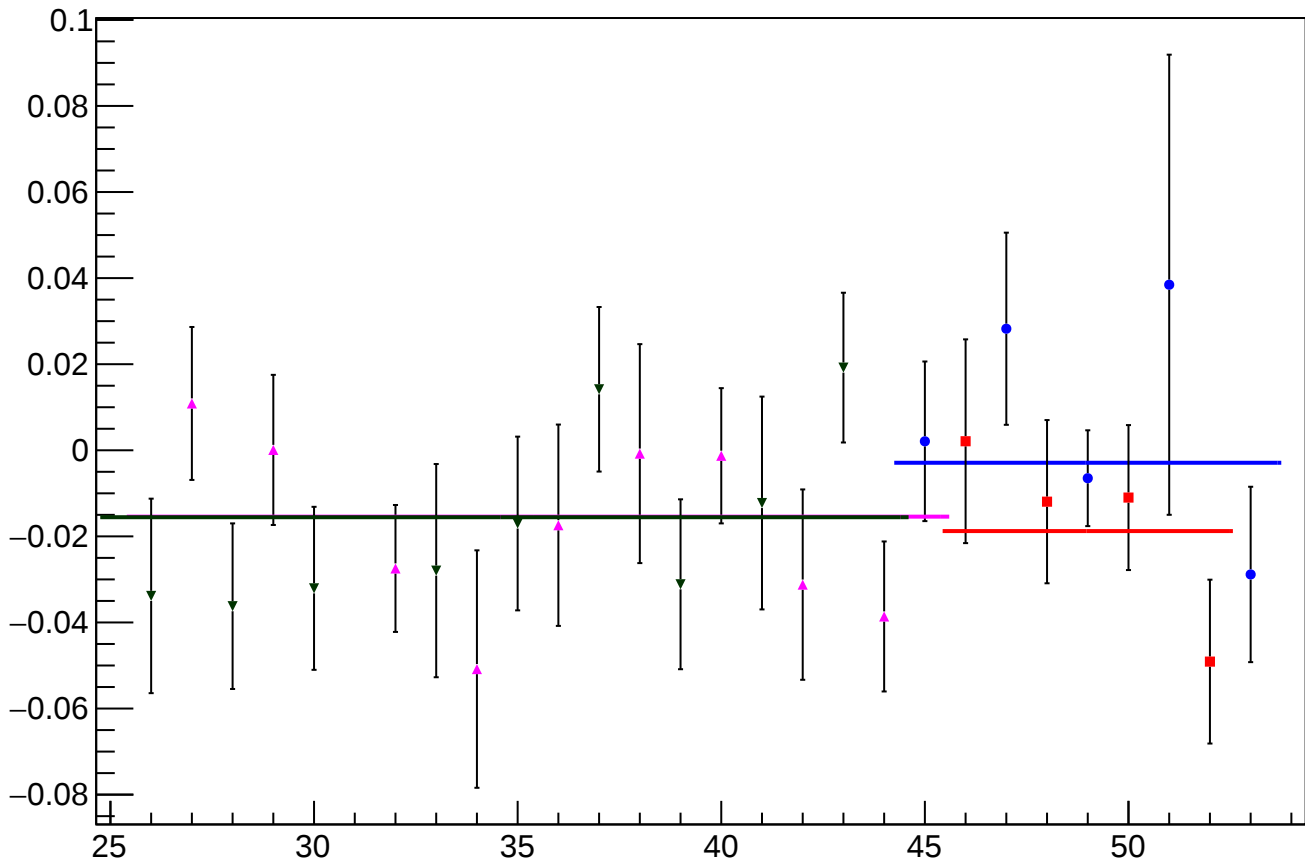
-0.004 $\pm$ 0.001 χ^2 /NDF: 157.1/14

Right Out: 0.014 $\pm$ 0.002 χ^2 /NDF: 33.6/3

-0.000 $\pm$ 0.001 χ^2 /NDF: 145.5/12

Left In: -0.008 $\pm$ 0.002 χ^2 /NDF: 44.0/8

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.003+/-0.008 χ^2/NDF : 4.3/4

Left Out: -0.016+/-0.007 χ^2/NDF : 9.9/8

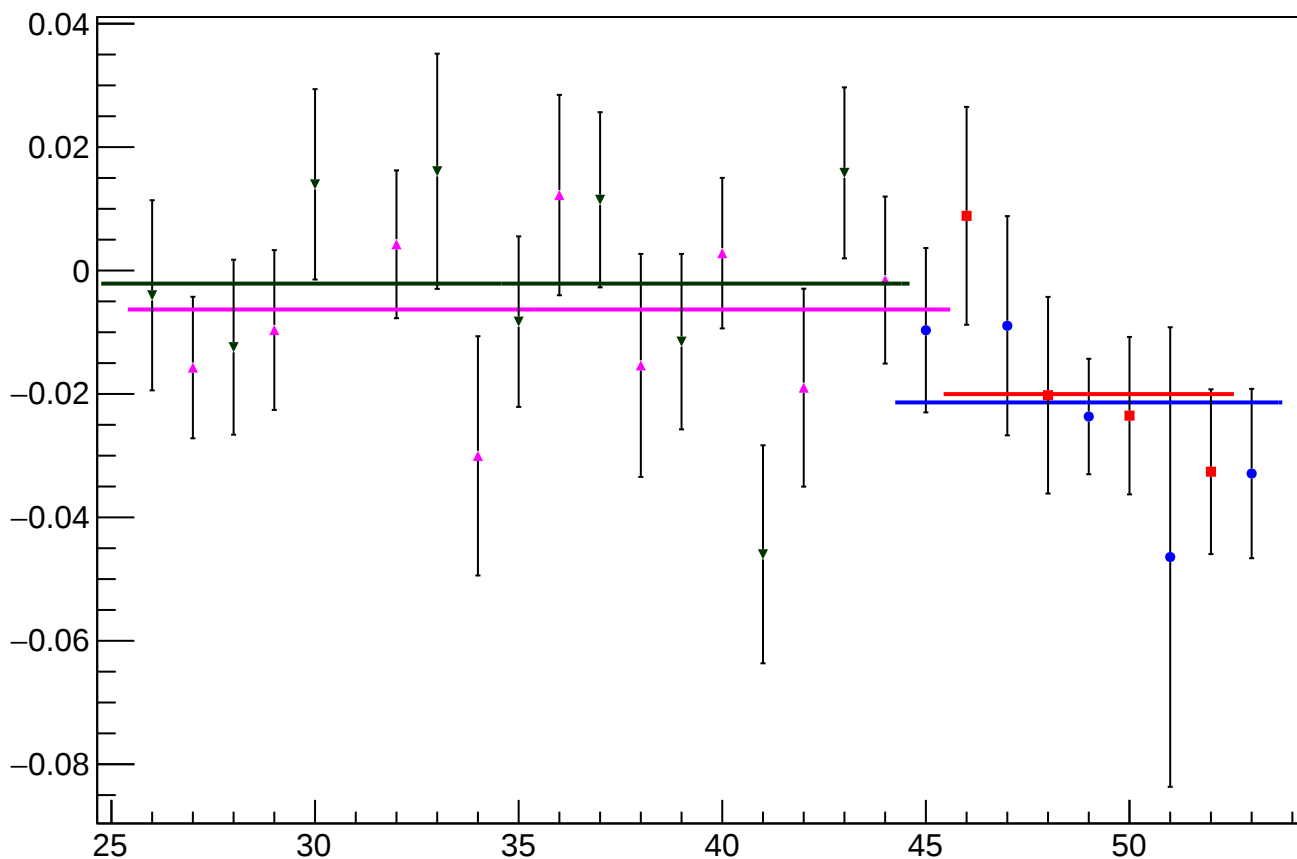
Right Out: -0.019+/-0.010 χ^2/NDF : 3.7/3

Left In: -0.015+/-0.006 χ^2/NDF : 8.7/8

-0.010+/-0.005 χ^2/NDF : 15.7/13

-0.016+/-0.005 χ^2/NDF : 12.5/12

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.021 ± 0.006 χ^2/NDF : 2.5/4

Left Out: -0.002 ± 0.005 χ^2/NDF : 11.9/8

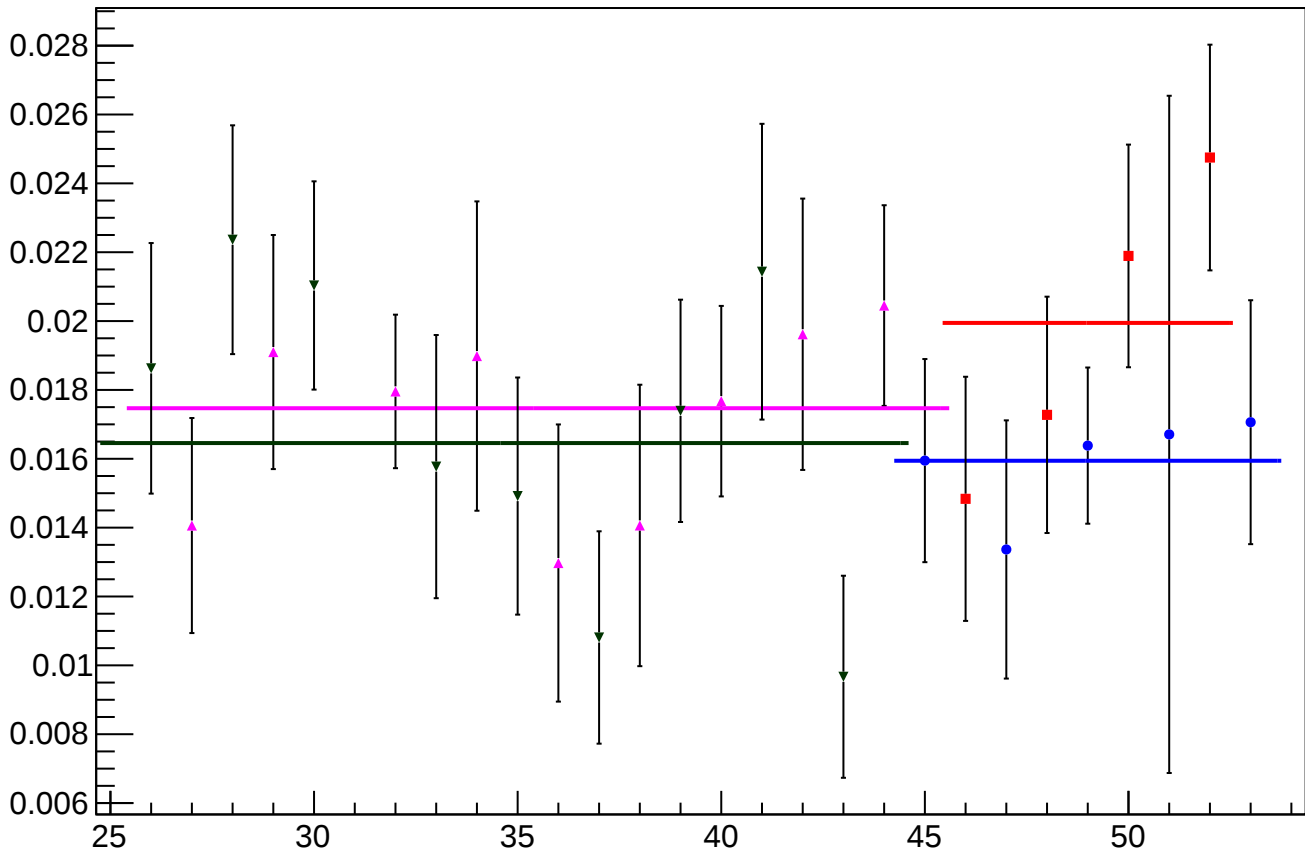
Right Out: -0.020 ± 0.007 χ^2/NDF : 3.6/3

Left In: -0.006 ± 0.005 χ^2/NDF : 5.9/8

-0.010 ± 0.004 χ^2/NDF : 20.3/13

-0.010 ± 0.004 χ^2/NDF : 12.0/12

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 ± 0.001 χ^2/NDF : 0.6/4

Left Out: 0.016 ± 0.001 χ^2/NDF : 16.2/8

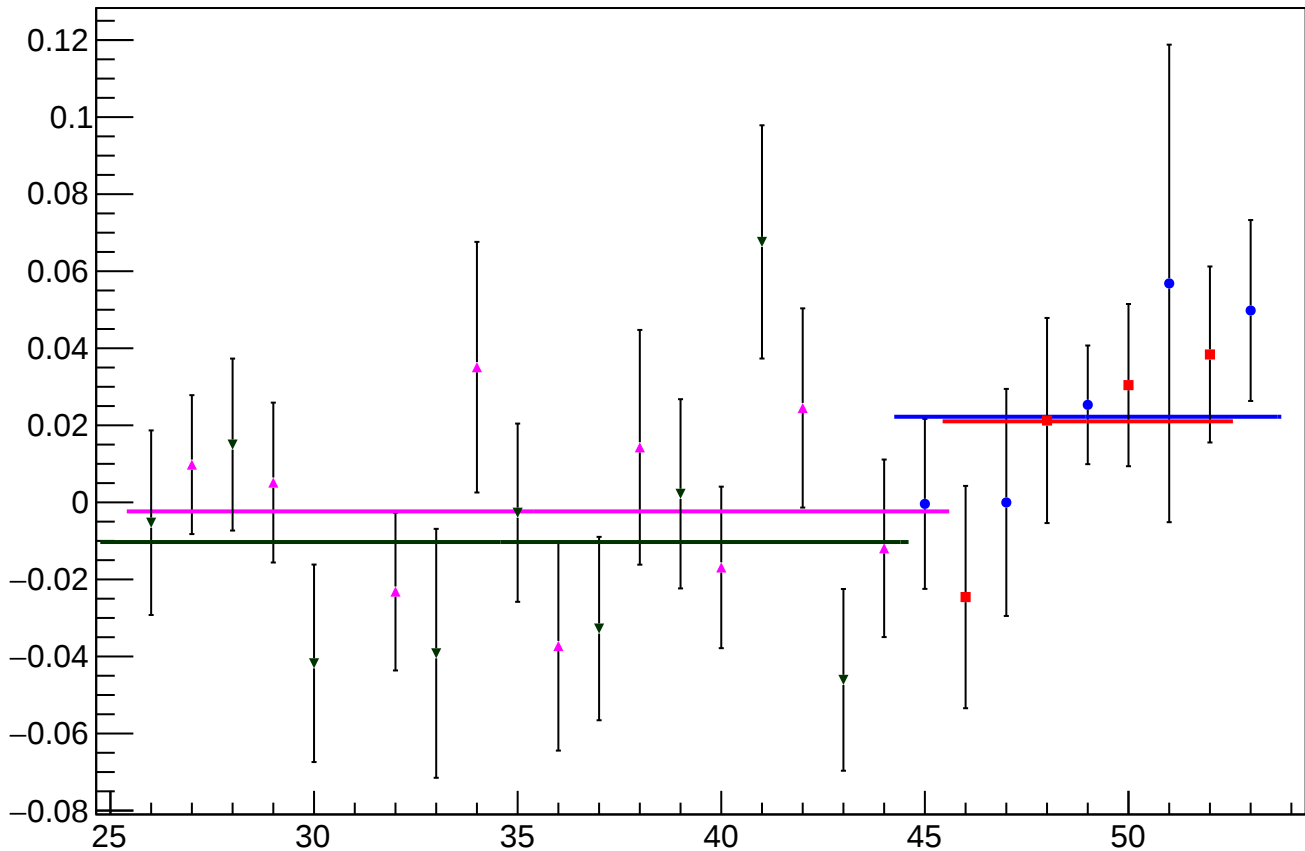
Right Out: 0.020 ± 0.002 χ^2/NDF : 5.2/3

Left In: 0.017 ± 0.001 χ^2/NDF : 4.9/8

0.016 ± 0.001 χ^2/NDF : 16.9/13

0.018 ± 0.001 χ^2/NDF : 11.6/12

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 3.4/4

Left Out: -0.010 $\pm$ 0.008 χ^2 /NDF: 13.8/8

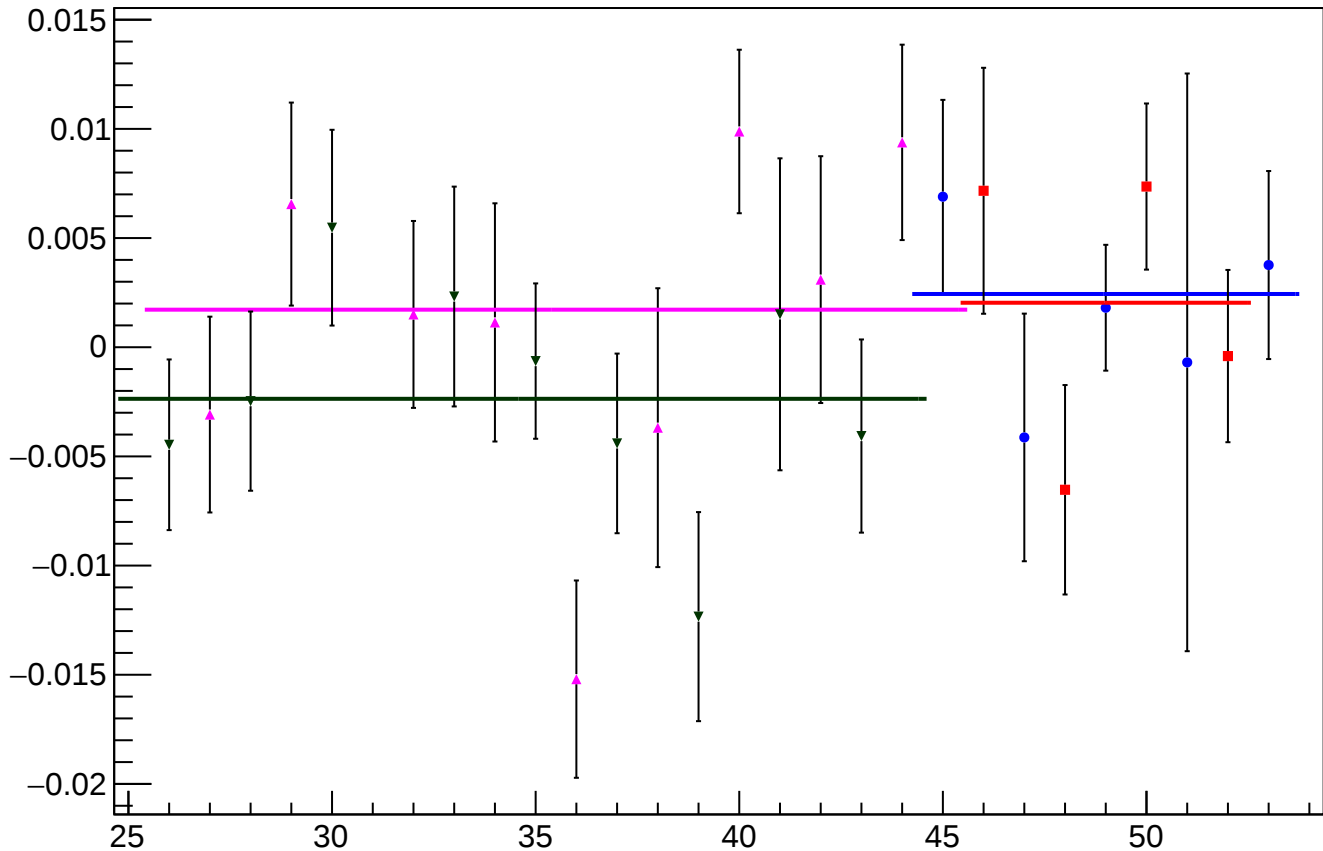
Right Out: 0.021 $\pm$ 0.012 χ^2 /NDF: 3.3/3

Left In: -0.002 $\pm$ 0.008 χ^2 /NDF: 6.6/8

0.003 $\pm$ 0.006 χ^2 /NDF: 23.2/13

0.004 $\pm$ 0.007 χ^2 /NDF: 12.5/12

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002 $\pm$ 0.002 χ^2 /NDF: 2.6/4

Left Out: -0.002 $\pm$ 0.001 χ^2 /NDF: 9.5/8

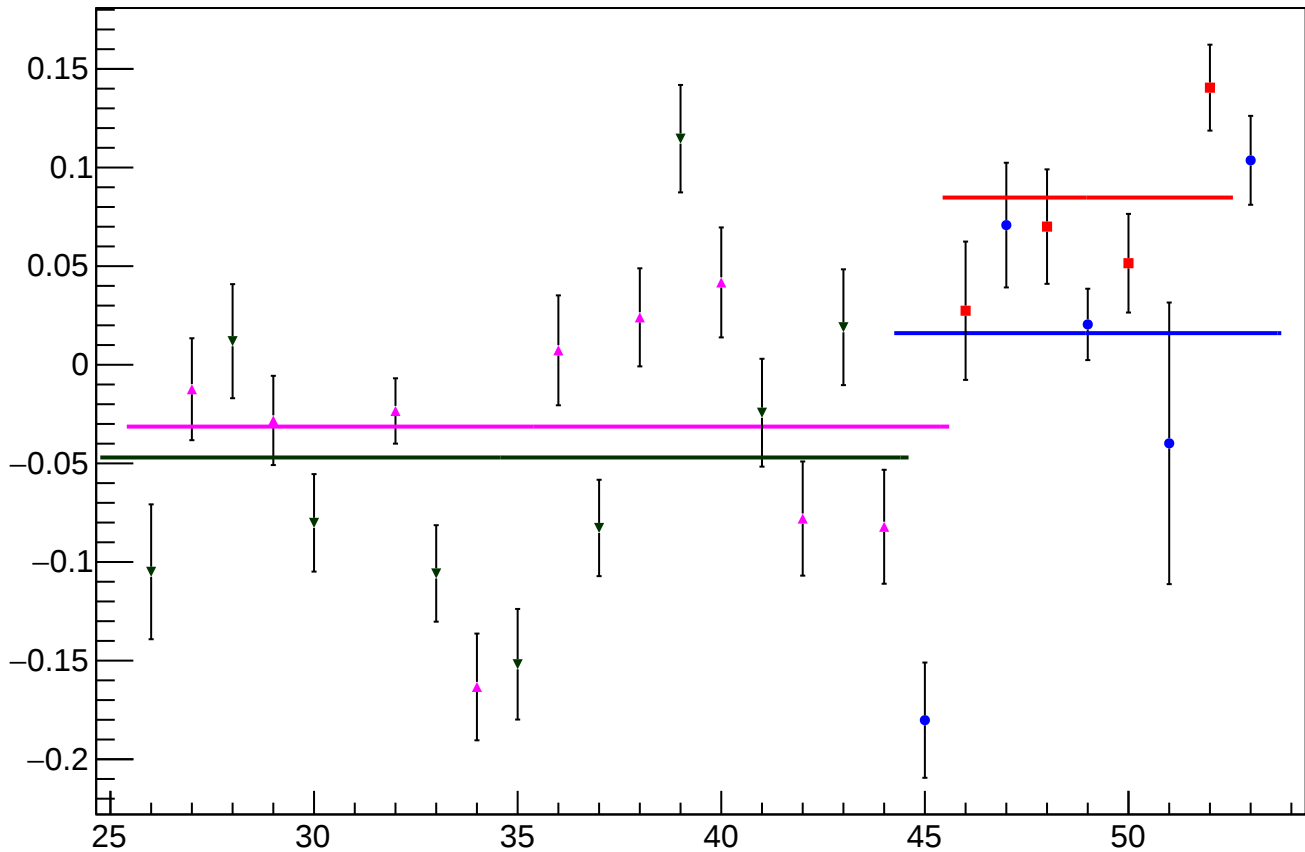
Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 6.4/3

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF: 24.7/8

-0.001 $\pm$ 0.001 χ^2 /NDF: 15.9/13

0.002 $\pm$ 0.001 χ^2 /NDF: 31.1/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.016 ± 0.012 χ^2/NDF : 63.9/4

Left Out: -0.047 ± 0.009 χ^2/NDF : 71.7/8

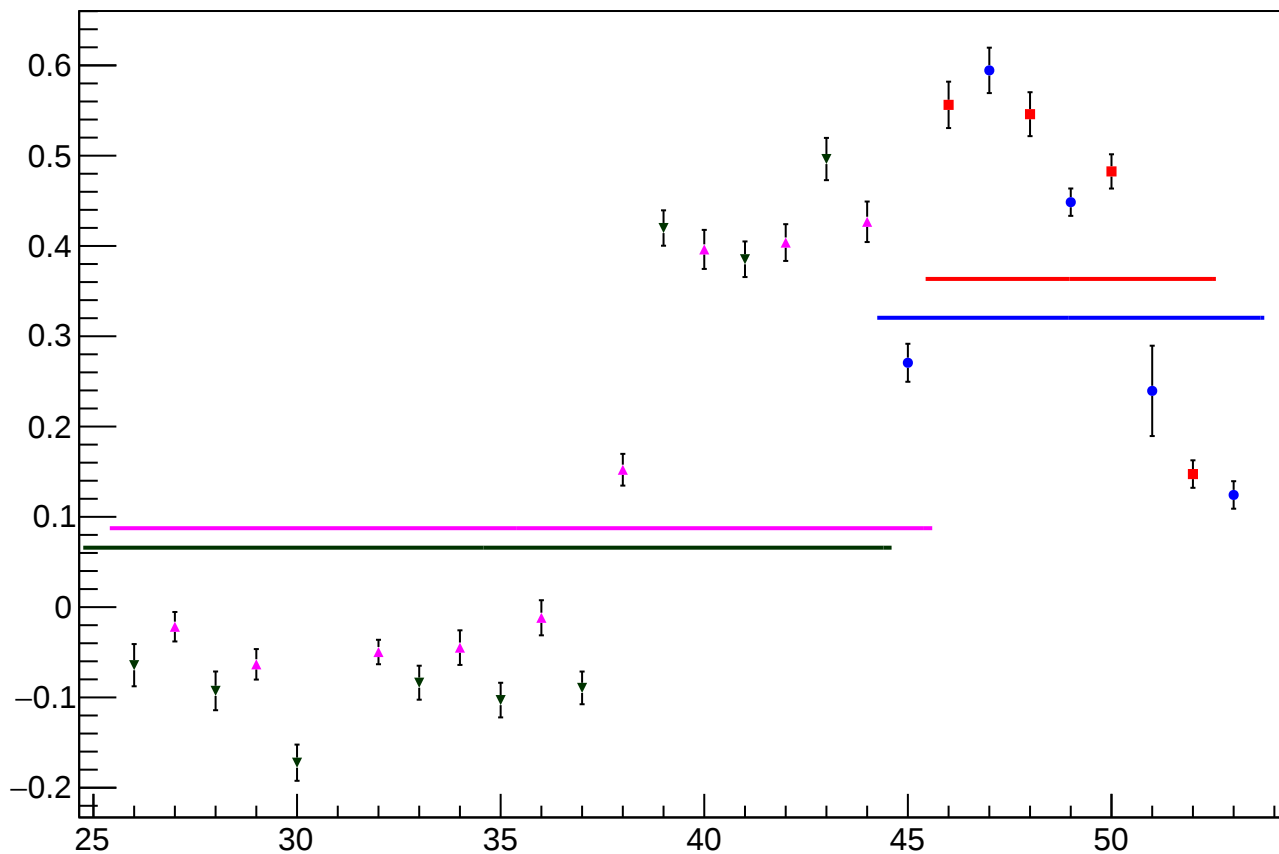
Right Out: 0.085 ± 0.013 χ^2/NDF : 11.2/3

Left In: -0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.023 ± 0.007 χ^2/NDF : 153.8/13

0.001 ± 0.007 χ^2/NDF : 111.1/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.320 $\pm$ 0.009 χ^2 /NDF: 364.3/4

Left Out: 0.066 $\pm$ 0.007 χ^2 /NDF:1368.1/8

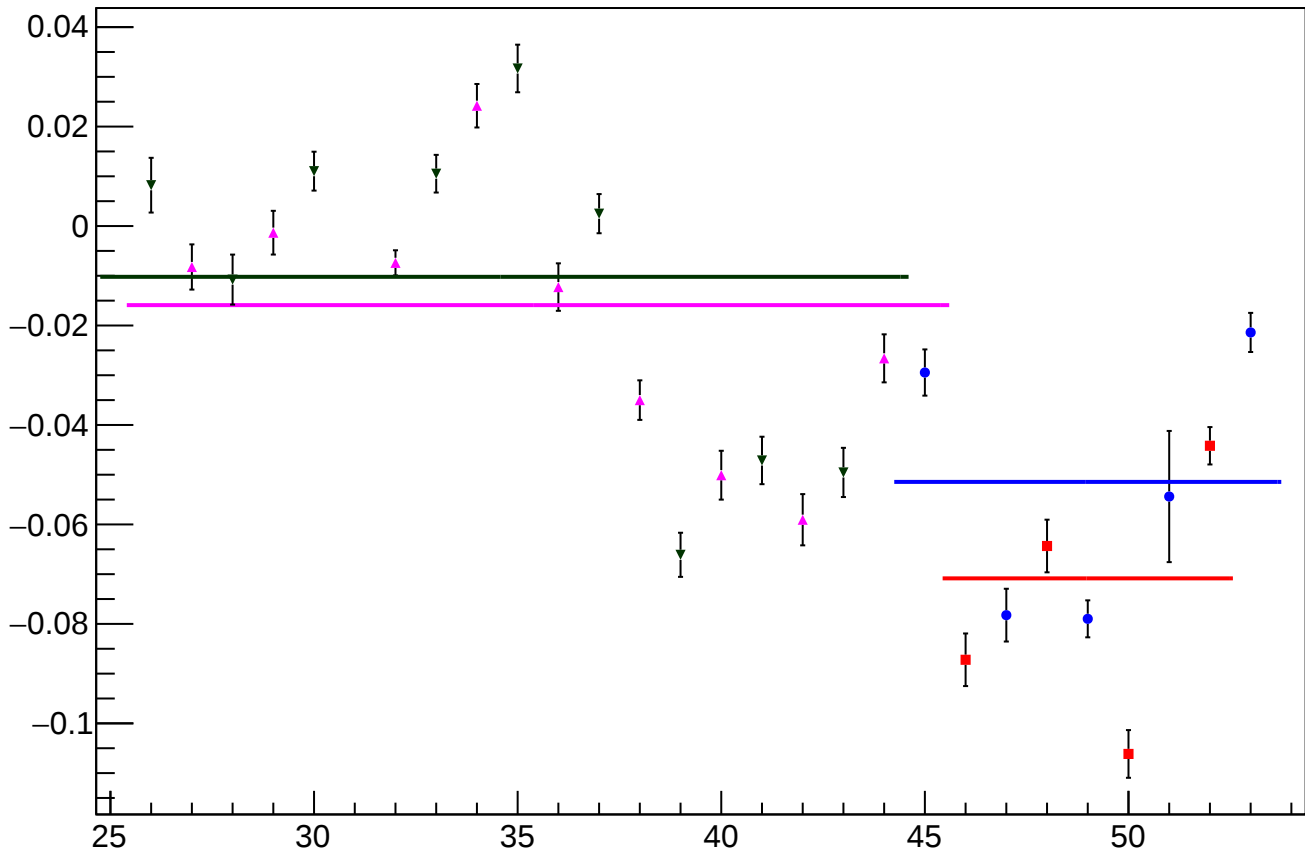
Right Out: 0.363 $\pm$ 0.010 χ^2 /NDF: 353.2/3

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF:988.4/8

0.160 $\pm$ 0.005 χ^2 /NDF: 2260.6/13

0.162 $\pm$ 0.005 χ^2 /NDF: 1914.3/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.051+/-0.002 χ^2/NDF : 161.2/4

Left Out: -0.010+/-0.001 χ^2/NDF : 439.6/8

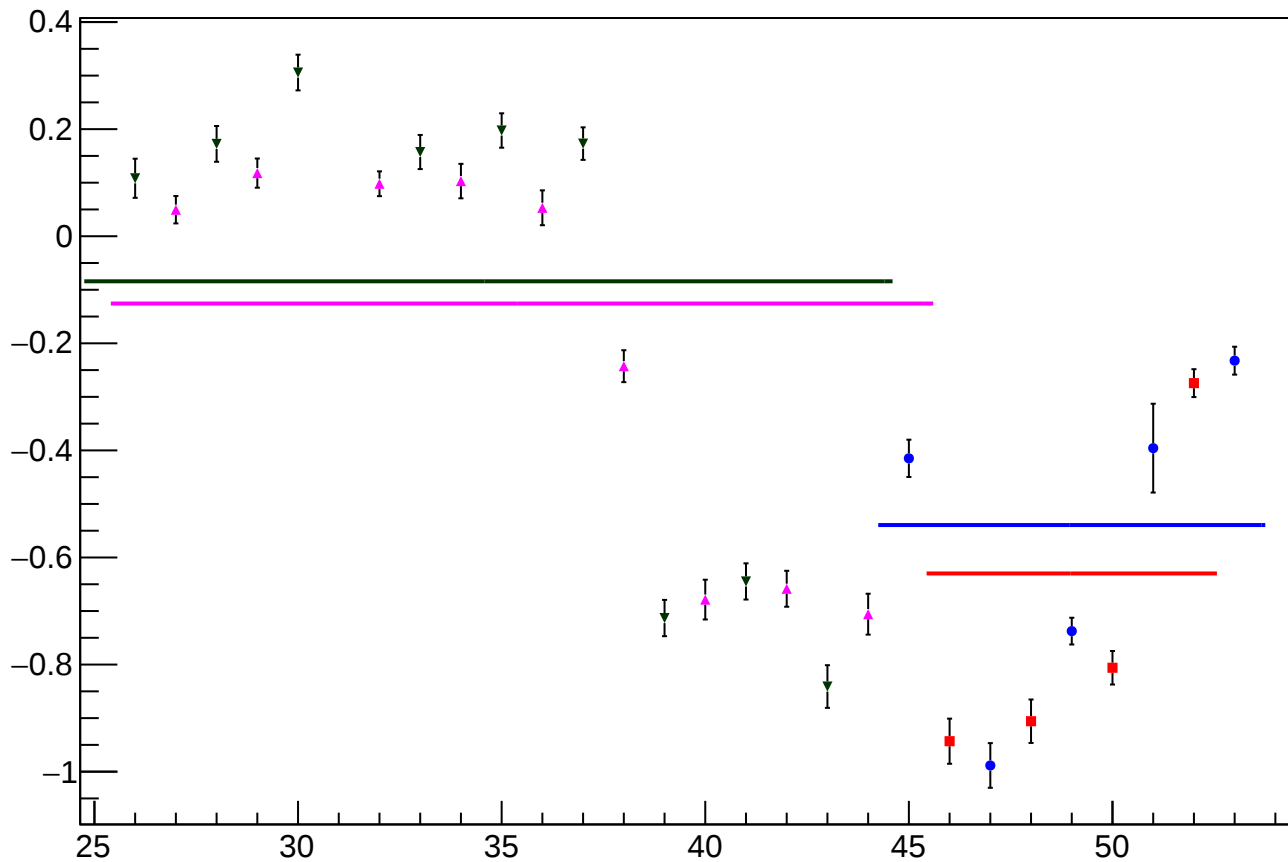
Right Out: -0.071+/-0.002 χ^2/NDF : 115.6/3

Left In: -0.016+/-0.001 χ^2/NDF : 256.4/8

-0.024+/-0.001 χ^2/NDF : 855.8/13

-0.030+/-0.001 χ^2/NDF : 788.7/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.539 $\pm$ 0.015 χ^2 /NDF: 333.4/4

Left Out: -0.084 $\pm$ 0.011 χ^2 /NDF:1409.4/8

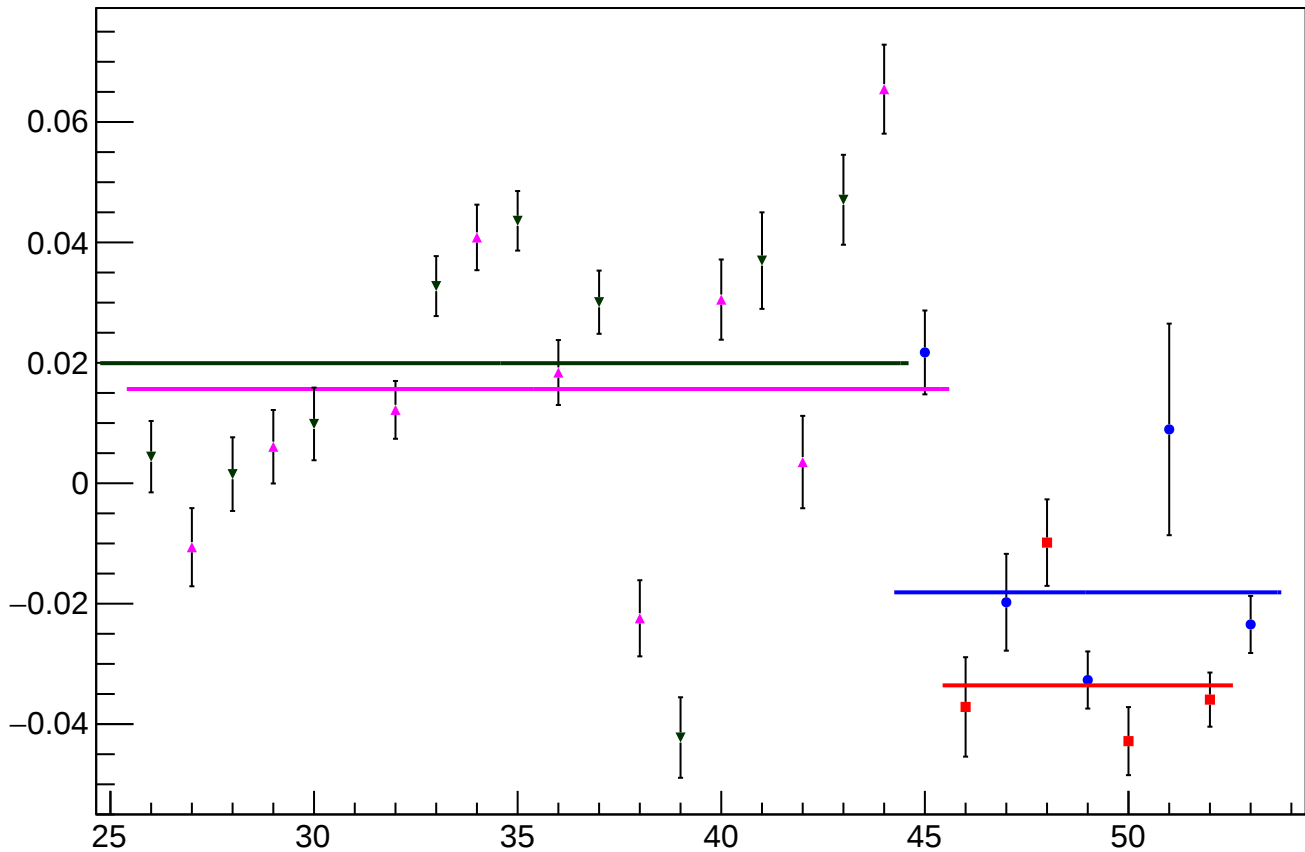
Right Out: -0.630 $\pm$ 0.017 χ^2 /NDF: 319.4/3

Left In: -0.126 $\pm$ 0.010 χ^2 /NDF:1020.3/8

-0.251 $\pm$ 0.009 χ^2 /NDF: 2348.6/13

-0.260 $\pm$ 0.009 χ^2 /NDF: 2022.8/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.018 $\pm$ 0.003 χ^2 /NDF: 45.9/4

Left Out: 0.020 $\pm$ 0.002 χ^2 /NDF:156.1/8

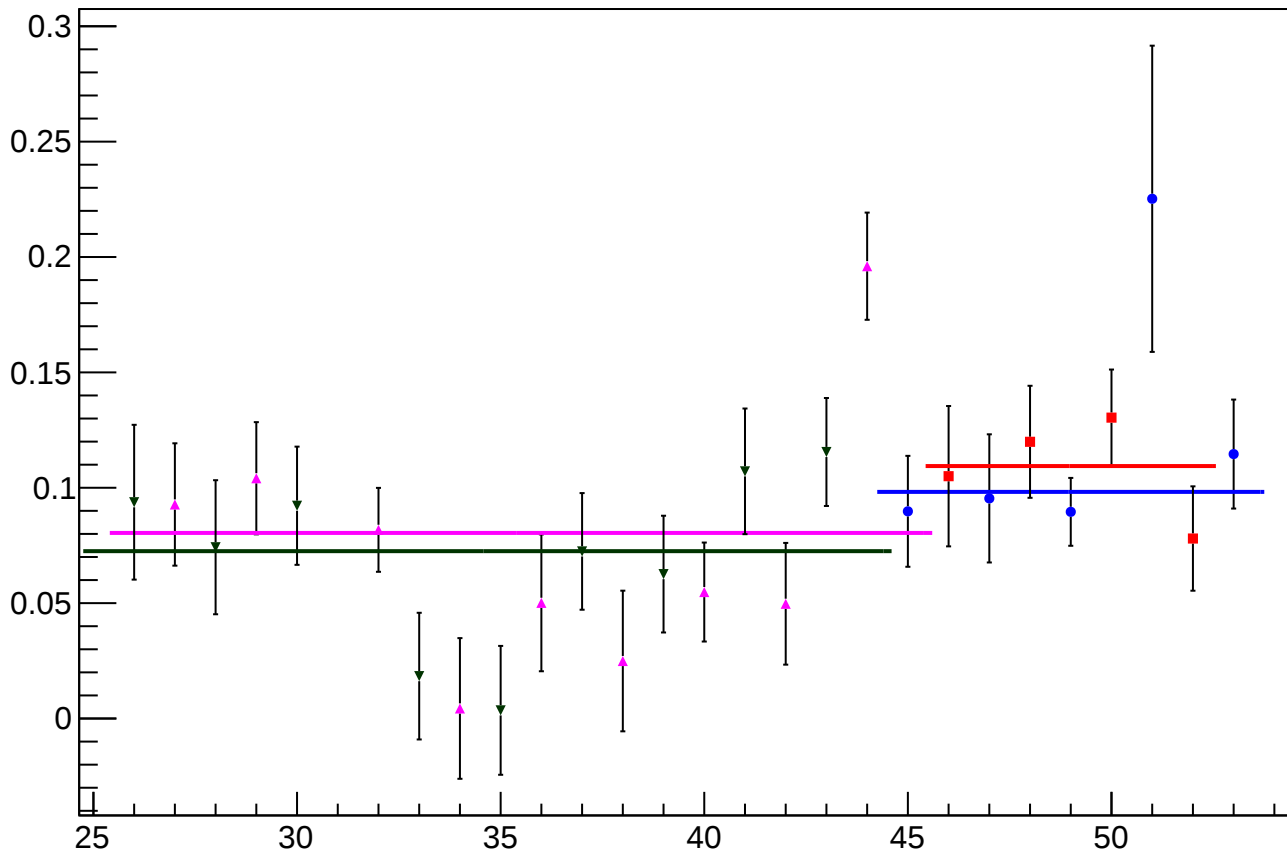
Right Out: -0.034 $\pm$ 0.003 χ^2 /NDF: 14.0/3

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF:130.2/8

0.007 $\pm$ 0.002 χ^2 /NDF: 325.7/13

-0.000 $\pm$ 0.002 χ^2 /NDF: 333.6/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.098 $\pm$ 0.010 χ^2 /NDF: 4.6/4

Left Out: 0.073 $\pm$ 0.009 χ^2 /NDF:16.1/8

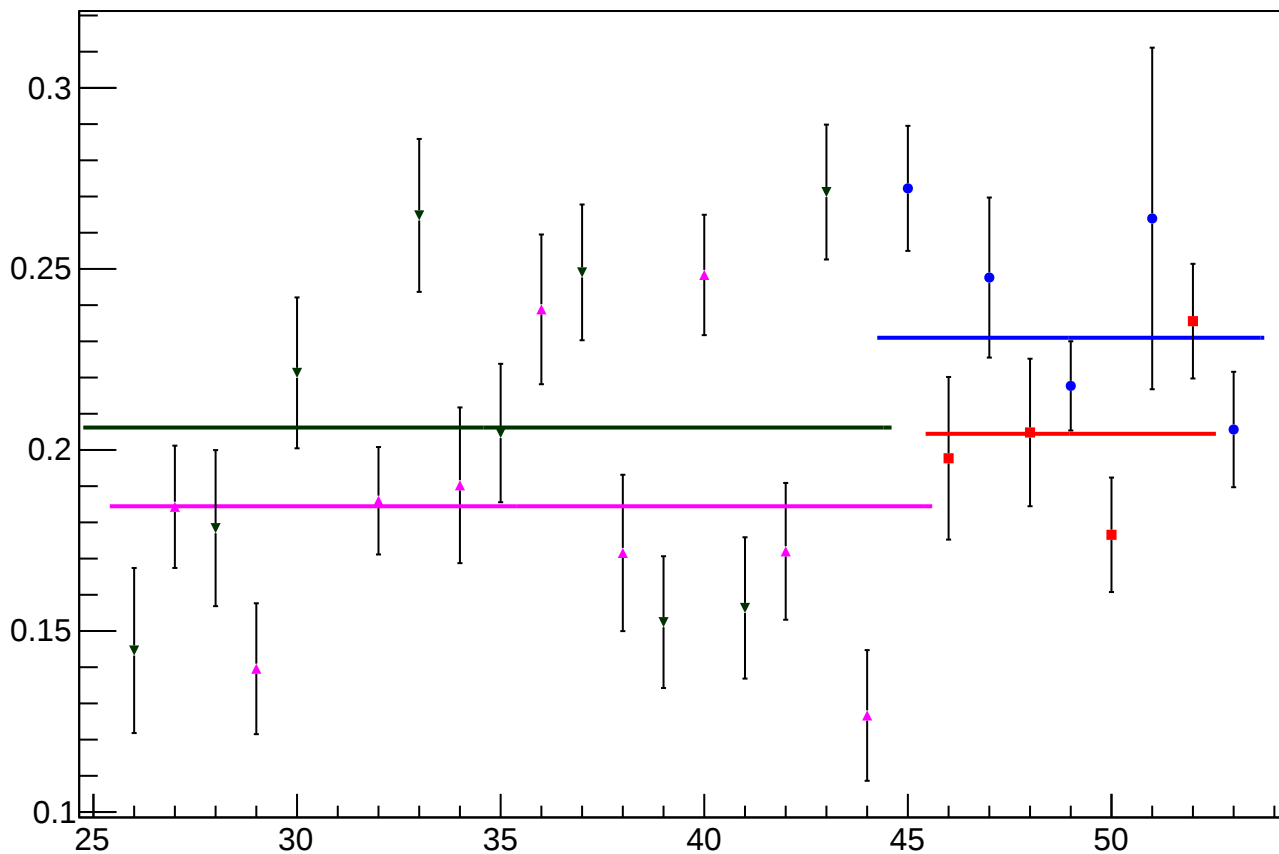
Right Out: 0.109 $\pm$ 0.012 χ^2 /NDF: 3.2/3

Left In: 0.080 $\pm$ 0.008 χ^2 /NDF:39.3/8

0.084 $\pm$ 0.007 χ^2 /NDF: 24.4/13

0.090 $\pm$ 0.007 χ^2 /NDF: 46.5/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.231+/-0.008 χ^2/NDF : 10.5/4

Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

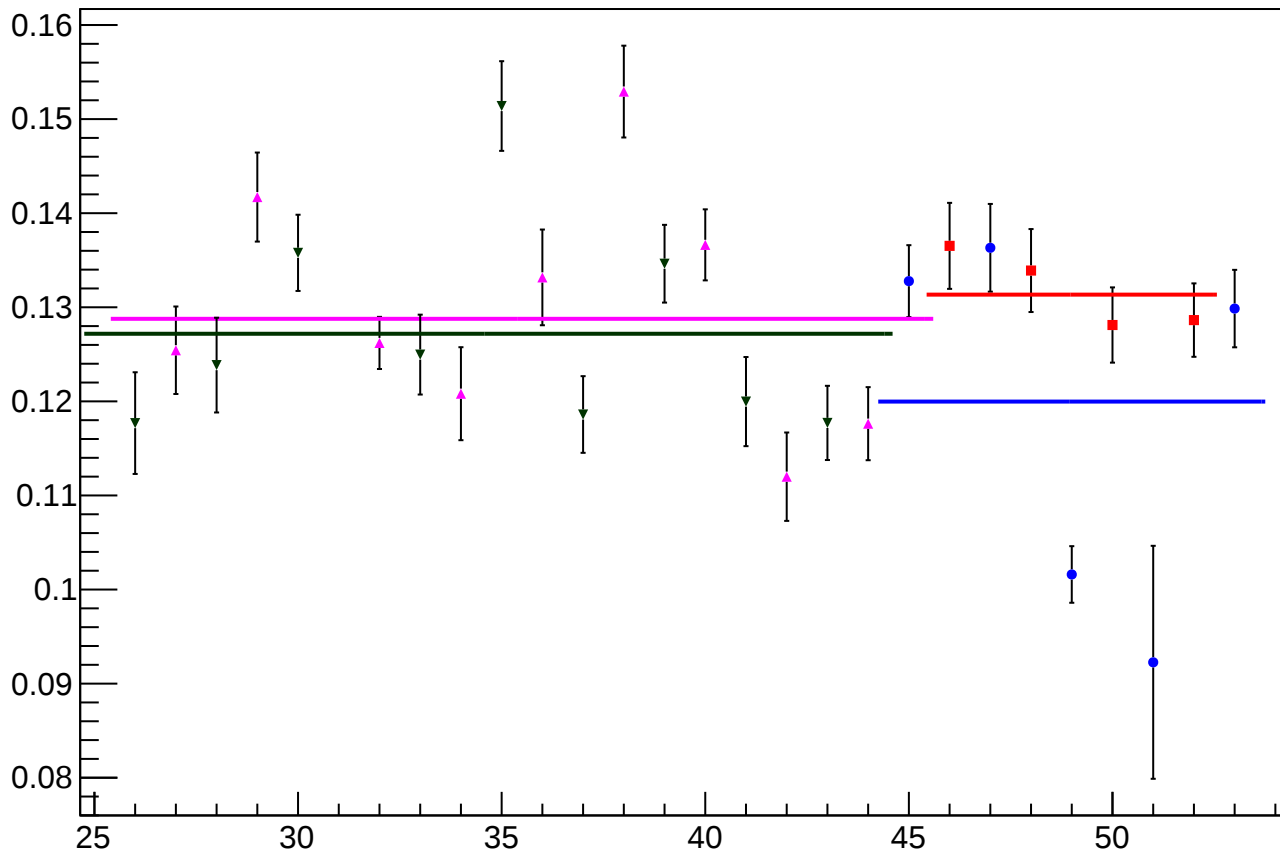
Right Out: 0.204+/-0.009 χ^2/NDF : 7.1/3

Left In: 0.184+/-0.006 χ^2/NDF : 39.0/8

0.217+/-0.005 χ^2/NDF : 66.1/13

0.191+/-0.005 χ^2/NDF : 49.4/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.120 $\pm$ 0.002 χ^2 /NDF: 71.6/4

Left Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 49.9/8

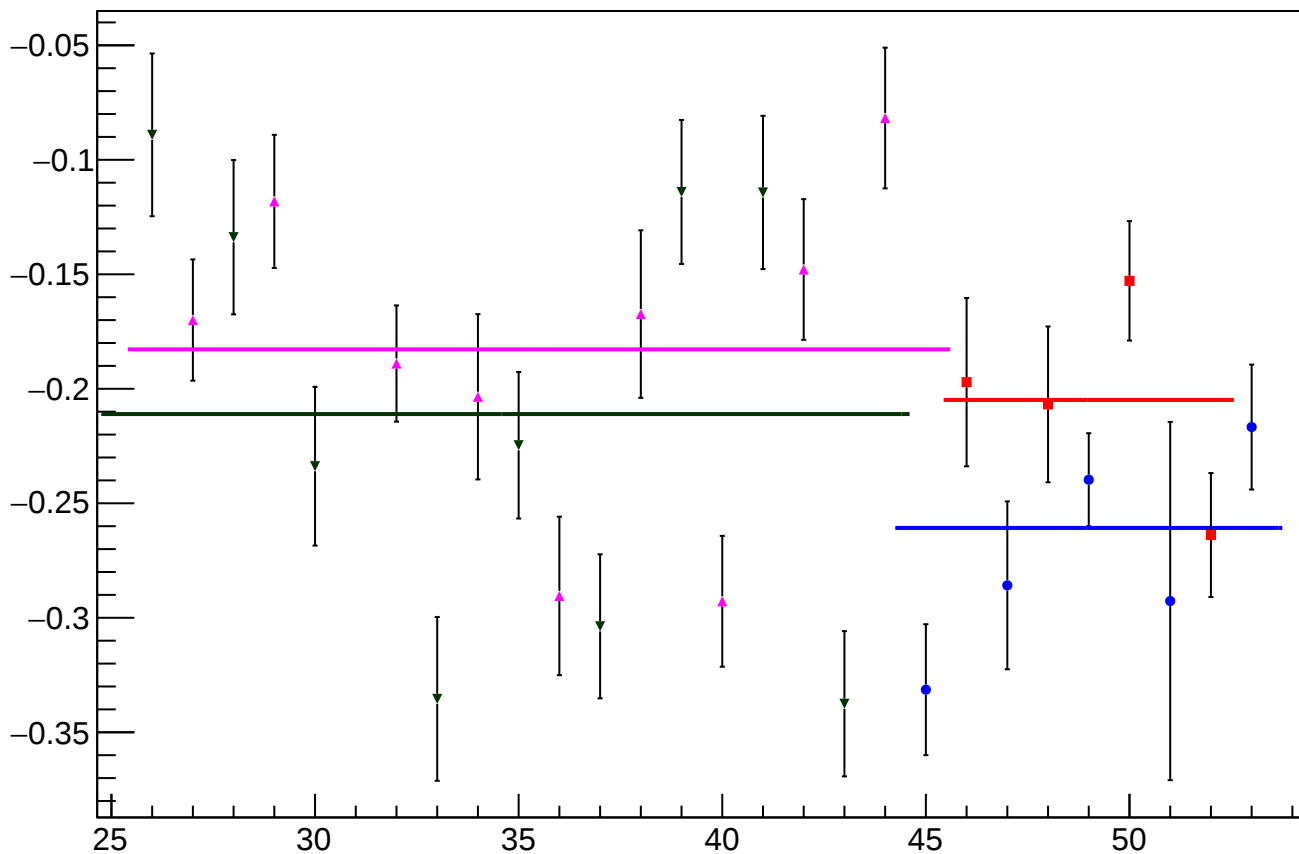
Right Out: 0.131 $\pm$ 0.002 χ^2 /NDF: 2.8/3

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.124 $\pm$ 0.001 χ^2 /NDF: 130.8/13

0.130 $\pm$ 0.001 χ^2 /NDF: 65.8/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.261 $\pm$ 0.013 χ^2 /NDF: 10.4/4

Left Out: -0.211 $\pm$ 0.011 χ^2 /NDF: 72.2/8

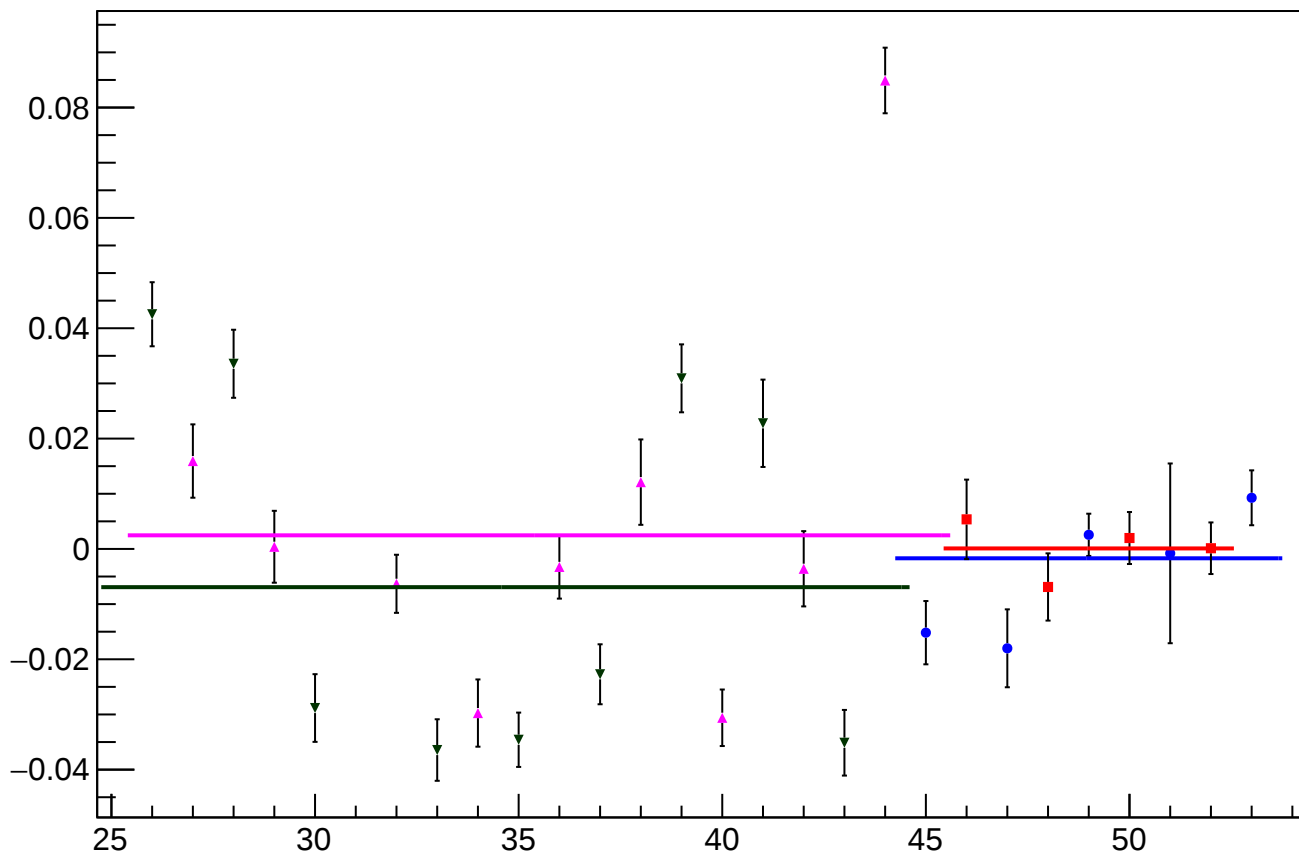
Right Out: -0.205 $\pm$ 0.015 χ^2 /NDF: 8.8/3

Left In: -0.183 $\pm$ 0.010 χ^2 /NDF: 42.4/8

-0.232 $\pm$ 0.008 χ^2 /NDF: 91.1/13

-0.190 $\pm$ 0.008 χ^2 /NDF: 52.6/12

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.002 $\pm$ 0.002 χ^2 /NDF: 17.0/4

Left Out: -0.007 $\pm$ 0.002 χ^2 /NDF:270.8/8

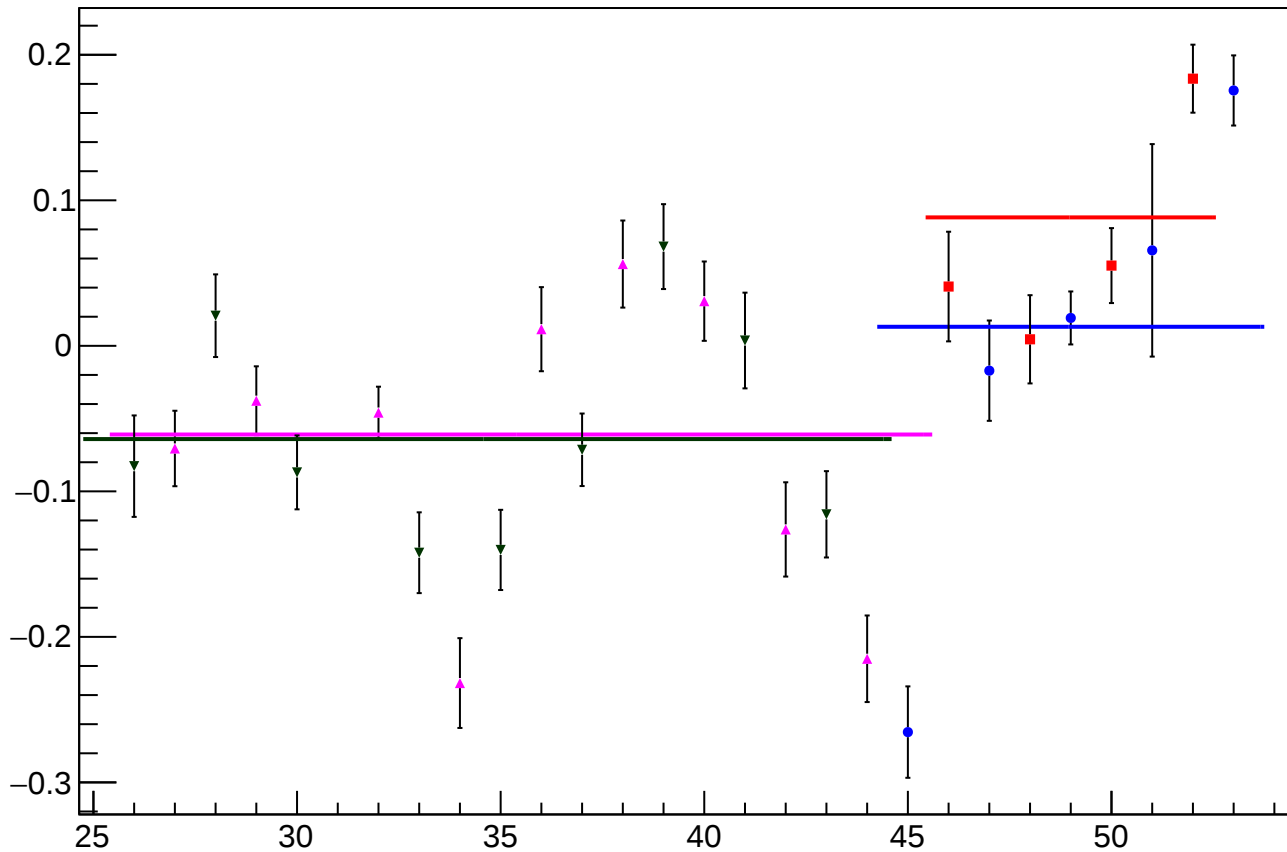
Right Out: 0.000 $\pm$ 0.003 χ^2 /NDF: 2.0/3

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF:272.2/8

-0.005 $\pm$ 0.002 χ^2 /NDF: 290.5/13

0.002 $\pm$ 0.002 χ^2 /NDF: 274.7/12

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.013 ± 0.012 $\chi^2/\text{NDF}: 125.4/4$

Left Out: -0.064 ± 0.010 $\chi^2/\text{NDF}: 53.5/8$

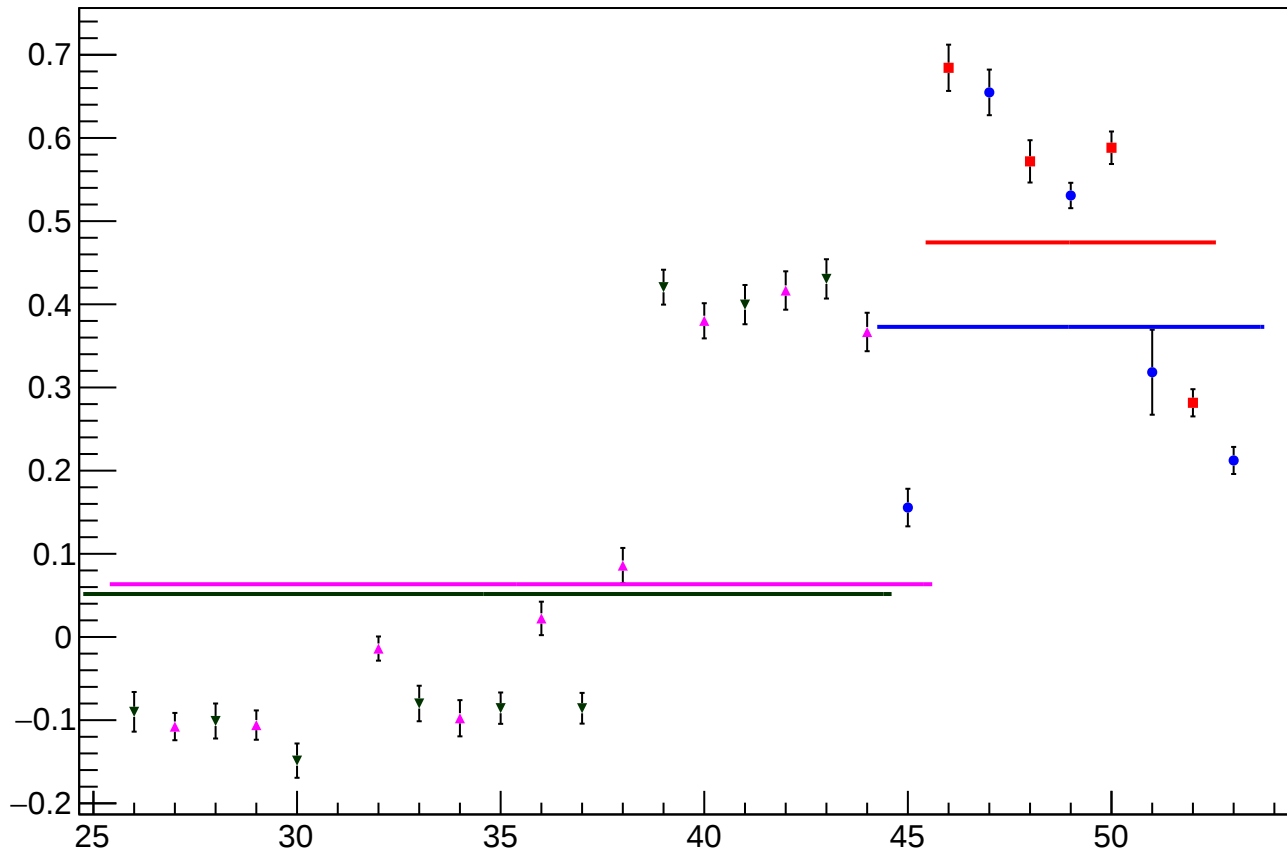
Right Out: 0.088 ± 0.014 $\chi^2/\text{NDF}: 27.5/3$

Left In: -0.061 ± 0.009 $\chi^2/\text{NDF}: 96.2/8$

-0.035 ± 0.007 $\chi^2/\text{NDF}: 204.0/13$

-0.019 ± 0.007 $\chi^2/\text{NDF}: 206.1/12$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.373 $\pm$ 0.009 χ^2 /NDF: 403.9/4

Left Out: 0.052 $\pm$ 0.007 χ^2 /NDF:1112.2/8

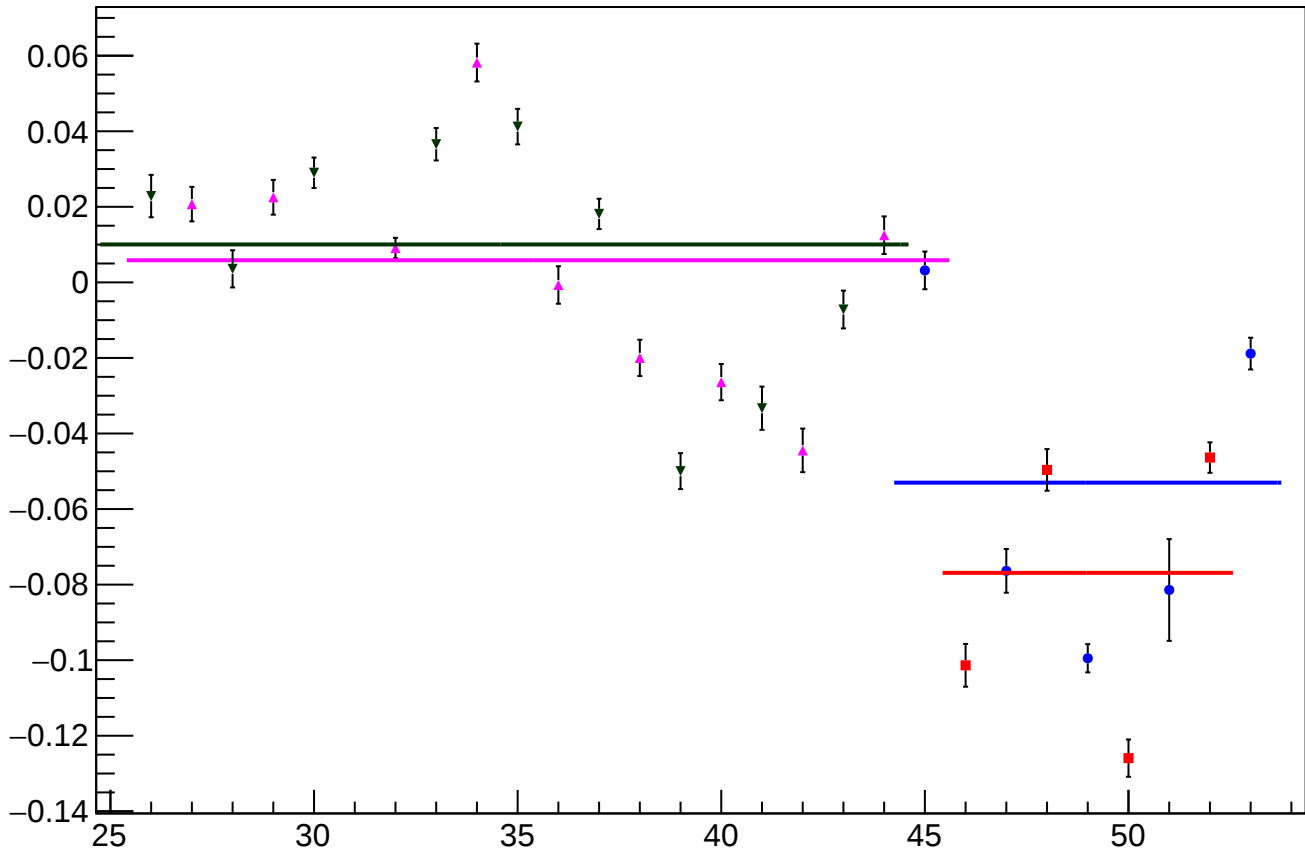
Right Out: 0.474 $\pm$ 0.010 χ^2 /NDF: 244.4/3

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:919.9/8

0.170 $\pm$ 0.006 χ^2 /NDF: 2281.6/13

0.176 $\pm$ 0.005 χ^2 /NDF: 2292.2/12

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.053+/-0.002 χ^2/NDF : 368.6/4

Left Out: 0.010+/-0.002 χ^2/NDF : 343.5/8

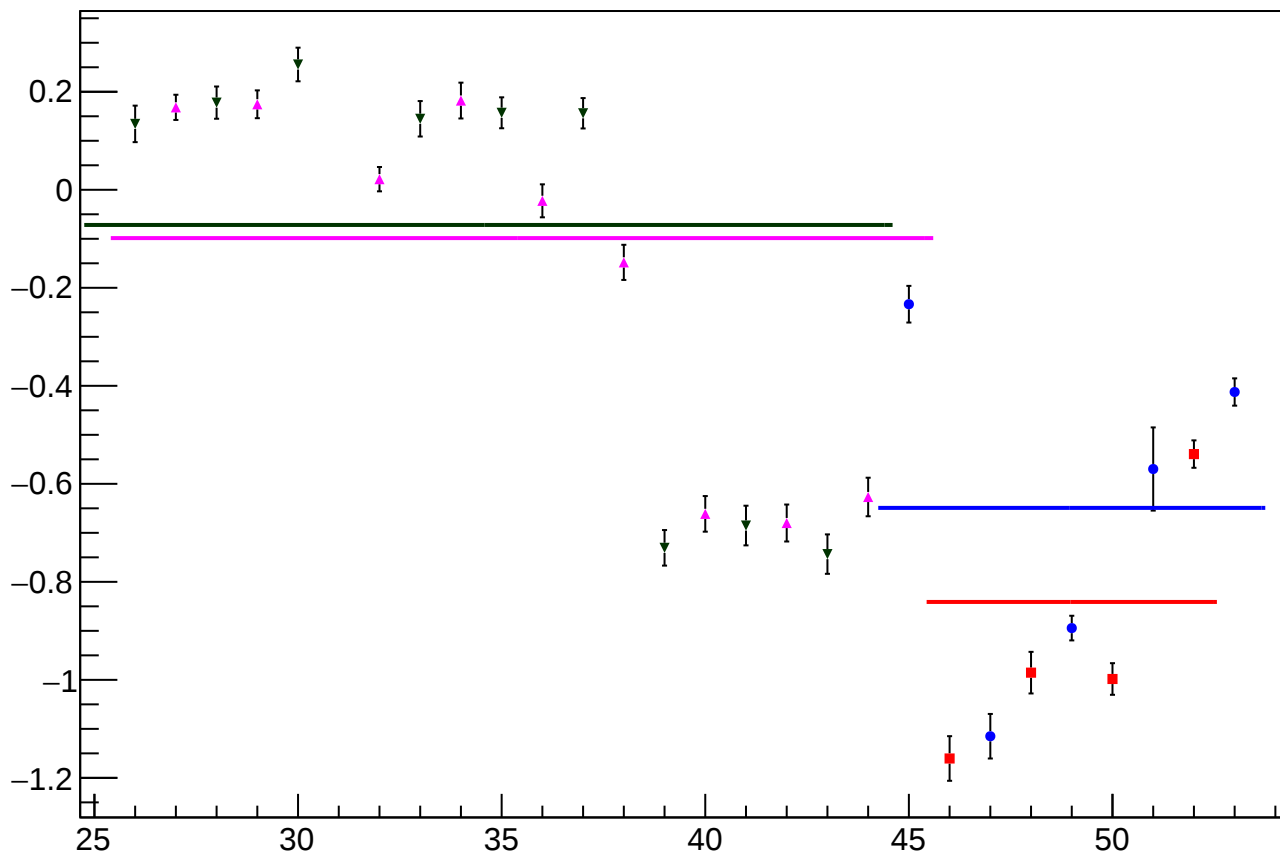
Right Out: -0.077+/-0.002 χ^2/NDF : 199.0/3

Left In: 0.006+/-0.001 χ^2/NDF : 288.4/8

-0.011+/-0.001 χ^2/NDF : 1253.8/13

-0.016+/-0.001 χ^2/NDF : 1328.9/12

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.649 $\pm$ 0.015 χ^2 /NDF: 396.5/4

Left Out: -0.072 $\pm$ 0.012 χ^2 /NDF:1160.0/8

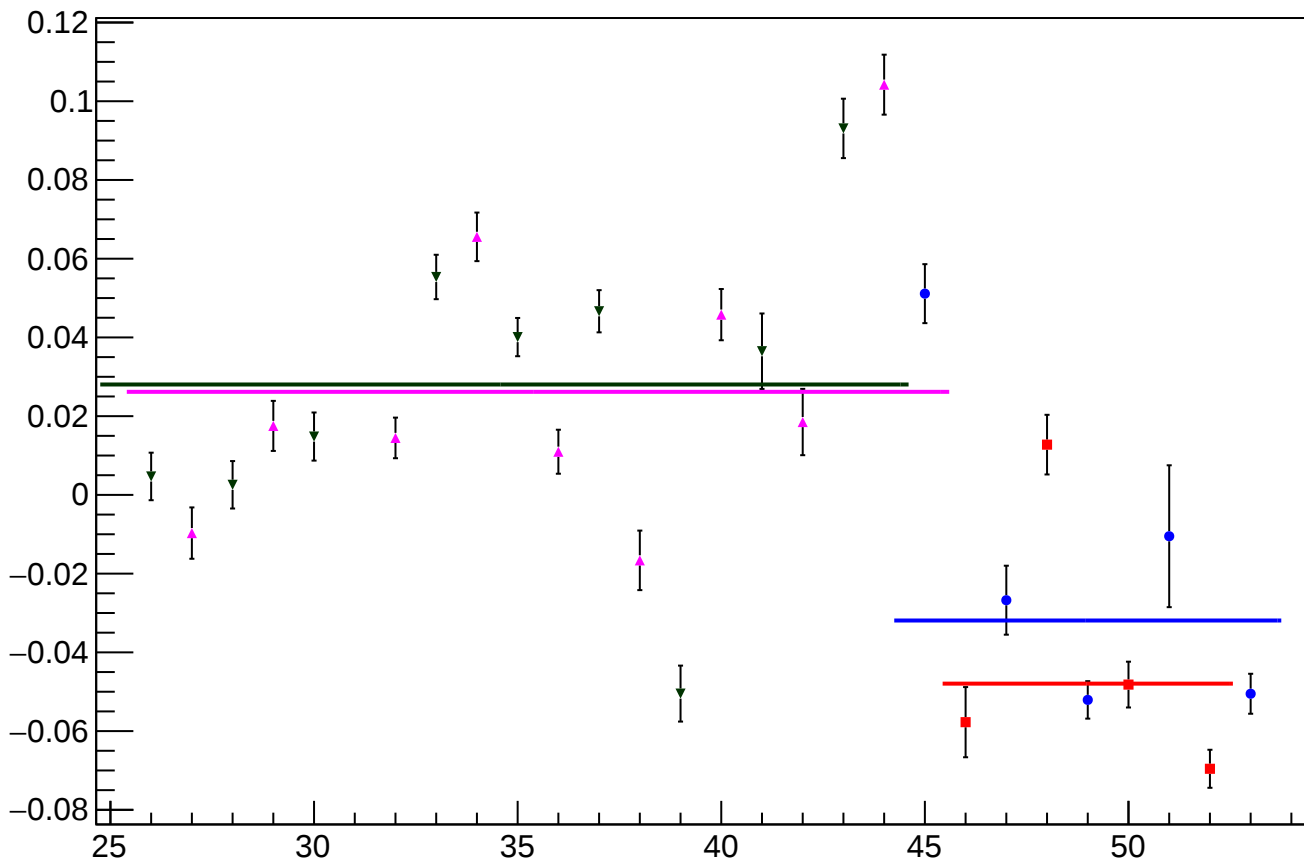
Right Out: -0.841 $\pm$ 0.017 χ^2 /NDF: 200.7/3

Left In: -0.099 $\pm$ 0.011 χ^2 /NDF:947.3/8

-0.283 $\pm$ 0.009 χ^2 /NDF: 2445.8/13

-0.298 $\pm$ 0.009 χ^2 /NDF: 2467.1/12

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.032 ± 0.003 χ^2/NDF : 156.0/4

Left Out: 0.028 ± 0.002 χ^2/NDF : 276.2/8

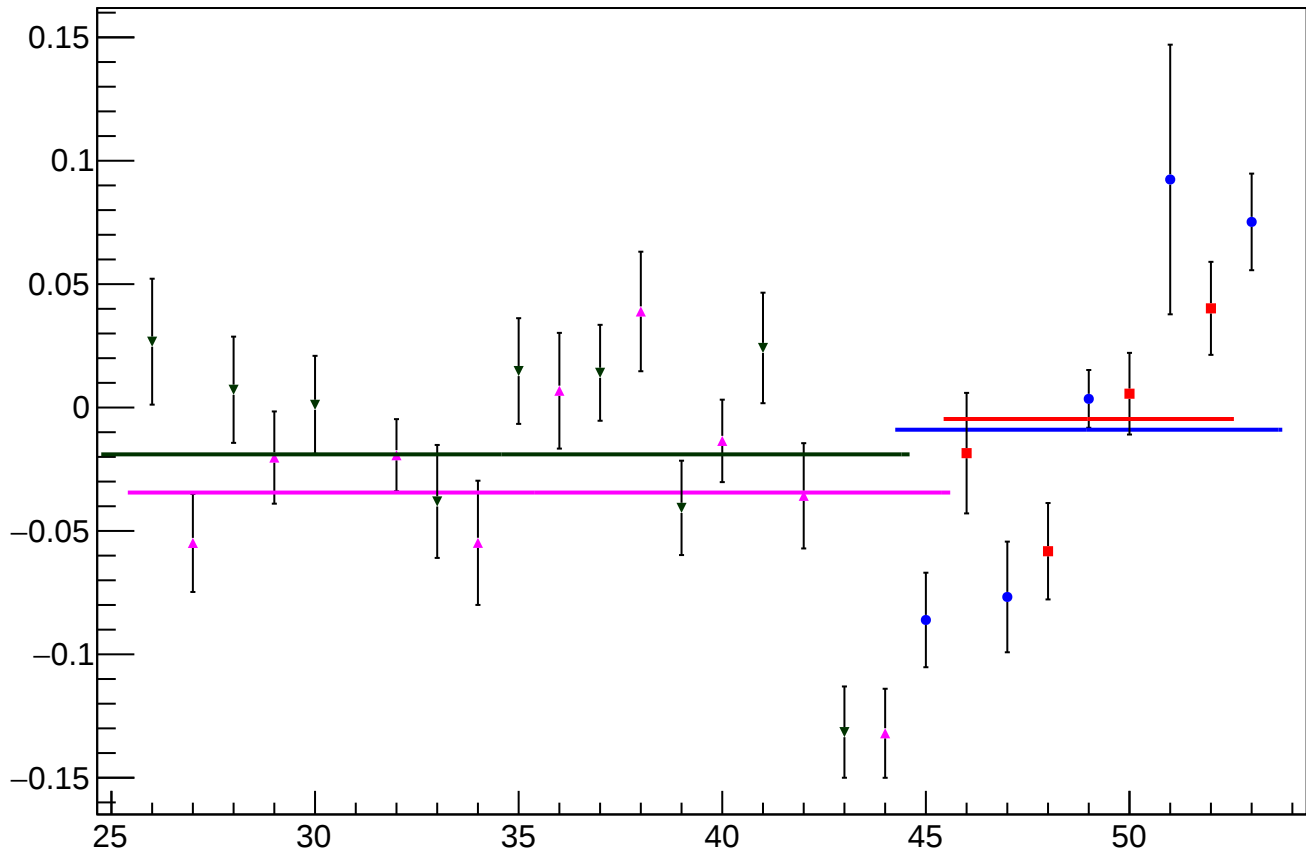
Right Out: -0.048 ± 0.003 χ^2/NDF : 85.4/3

Left In: 0.026 ± 0.002 χ^2/NDF : 232.3/8

0.008 ± 0.002 χ^2/NDF : 714.2/13

0.002 ± 0.002 χ^2/NDF : 699.7/12

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.009 $\pm$ 0.008 χ^2/NDF : 48.4/4

Left Out: -0.019 $\pm$ 0.007 χ^2/NDF : 53.8/8

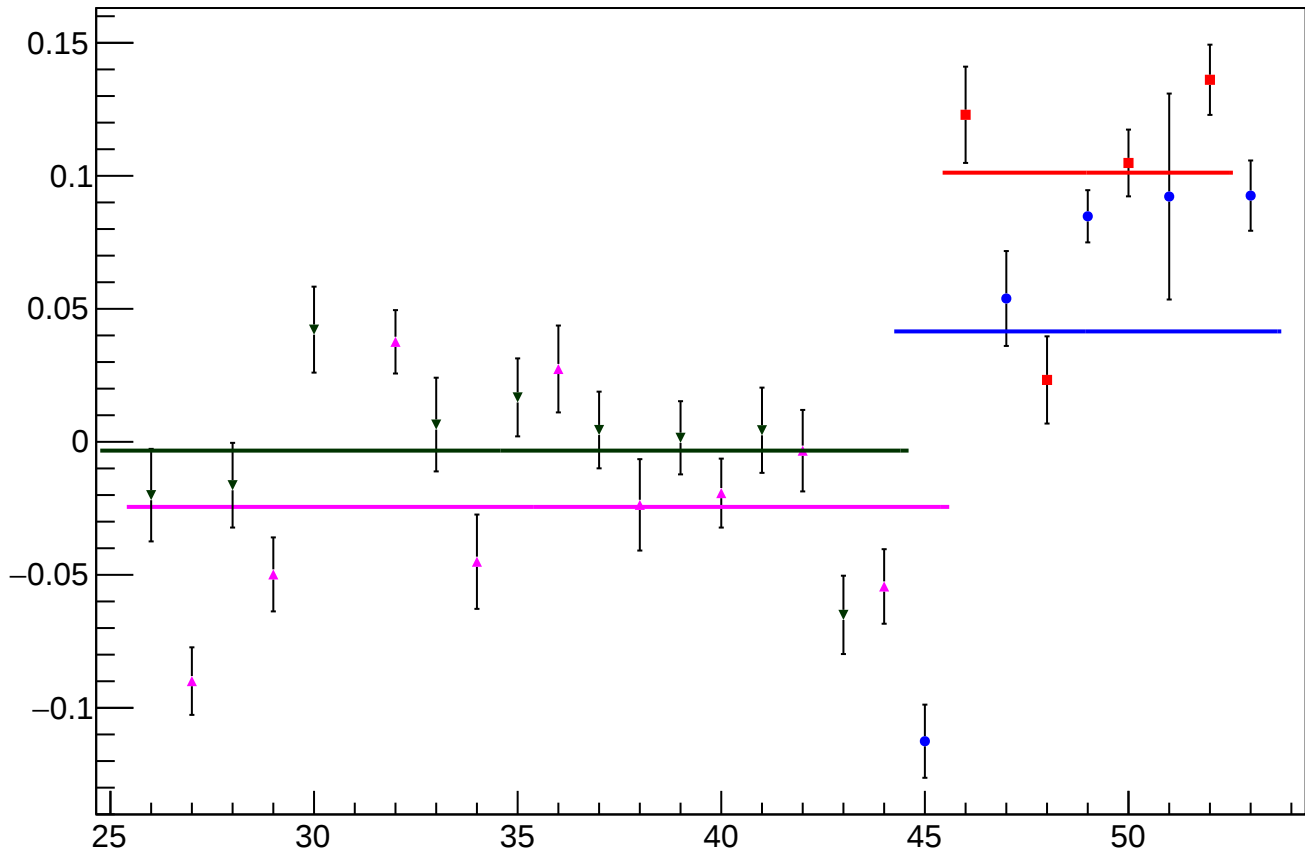
Right Out: -0.005 $\pm$ 0.010 χ^2/NDF : 13.9/3

Left In: -0.034 $\pm$ 0.006 χ^2/NDF : 46.4/8

-0.015 $\pm$ 0.005 χ^2/NDF : 103.1/13

-0.025 $\pm$ 0.005 χ^2/NDF : 66.9/12

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.042 ± 0.006 χ^2/NDF : 162.0/4

Left Out: -0.003 ± 0.005 χ^2/NDF : 29.9/8

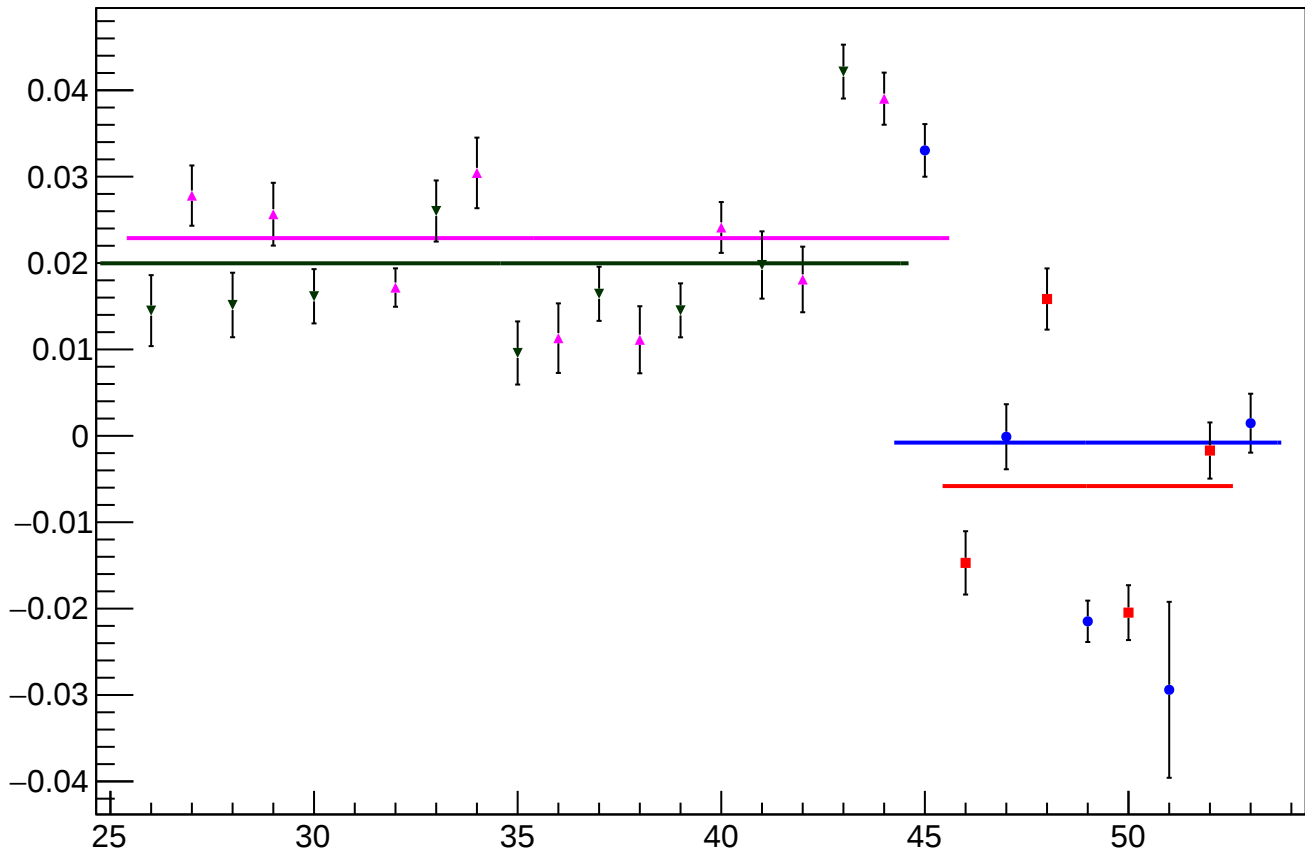
Right Out: 0.101 ± 0.007 χ^2/NDF : 31.1/3

Left In: -0.024 ± 0.005 χ^2/NDF : 75.1/8

0.015 ± 0.004 χ^2/NDF : 222.2/13

0.013 ± 0.004 χ^2/NDF : 314.7/12

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001 ± 0.001 χ^2/NDF : 206.3/4

Left Out: 0.020 ± 0.001 χ^2/NDF : 70.9/8

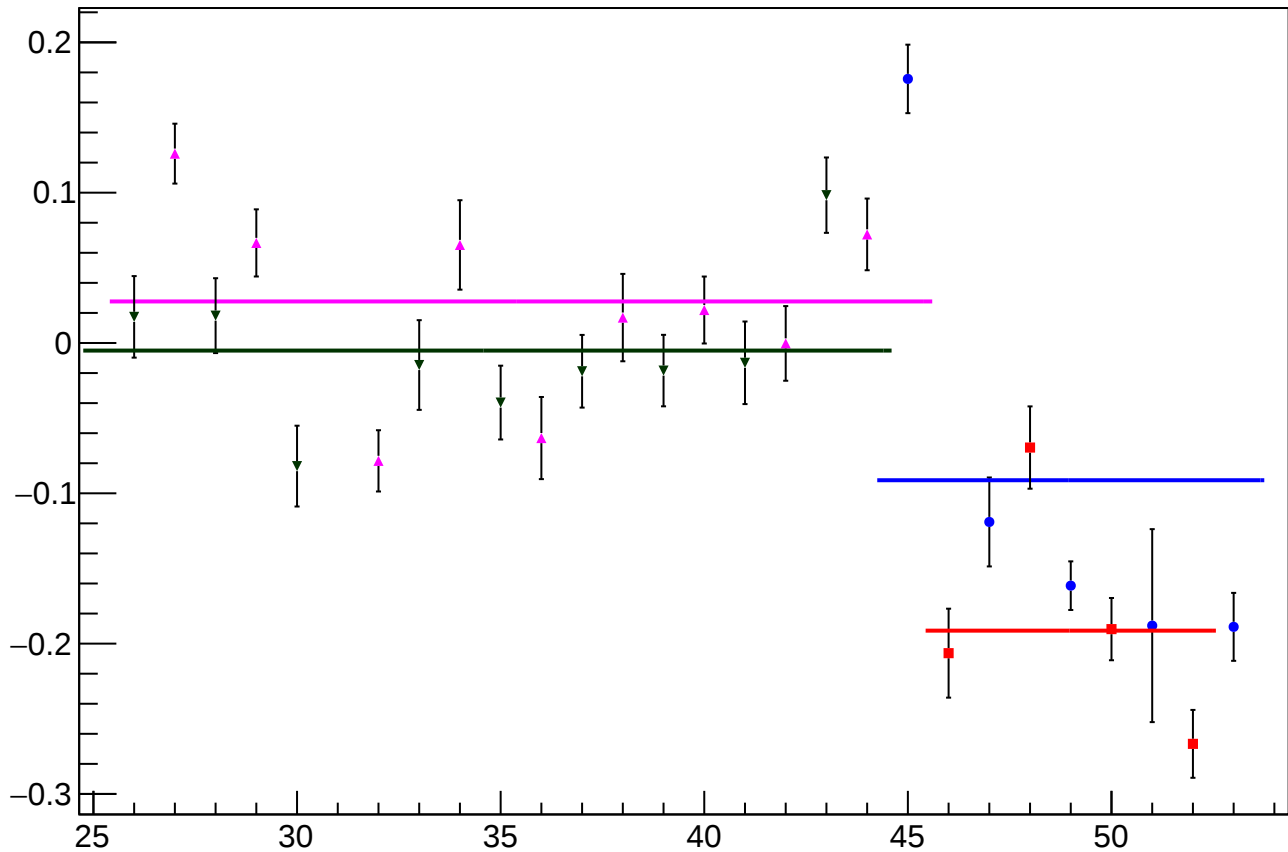
Right Out: -0.006 ± 0.002 χ^2/NDF : 66.1/3

Left In: 0.023 ± 0.001 χ^2/NDF : 60.5/8

0.012 ± 0.001 χ^2/NDF : 398.7/13

0.014 ± 0.001 χ^2/NDF : 329.4/12

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.091 ± 0.010 $\chi^2/\text{NDF}: 177.9/4$

Left Out: -0.005 ± 0.009 $\chi^2/\text{NDF}: 29.5/8$

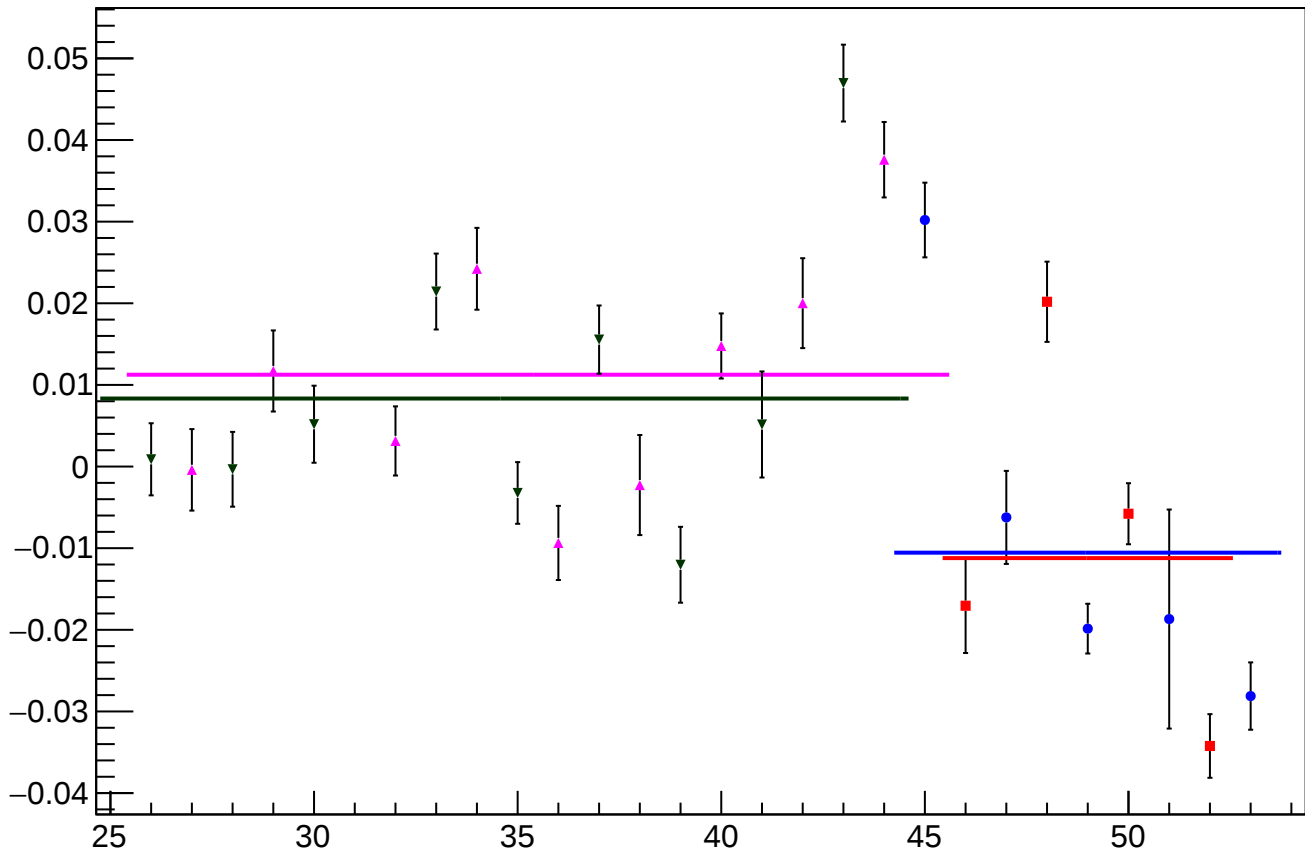
Right Out: -0.191 ± 0.012 $\chi^2/\text{NDF}: 31.2/3$

Left In: 0.028 ± 0.008 $\chi^2/\text{NDF}: 72.1/8$

-0.040 ± 0.007 $\chi^2/\text{NDF}: 248.0/13$

-0.038 ± 0.007 $\chi^2/\text{NDF}: 331.3/12$

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.011 $\pm$ 0.002 χ^2 /NDF: 107.8/4

Left Out: 0.008 $\pm$ 0.002 χ^2 /NDF:114.0/8

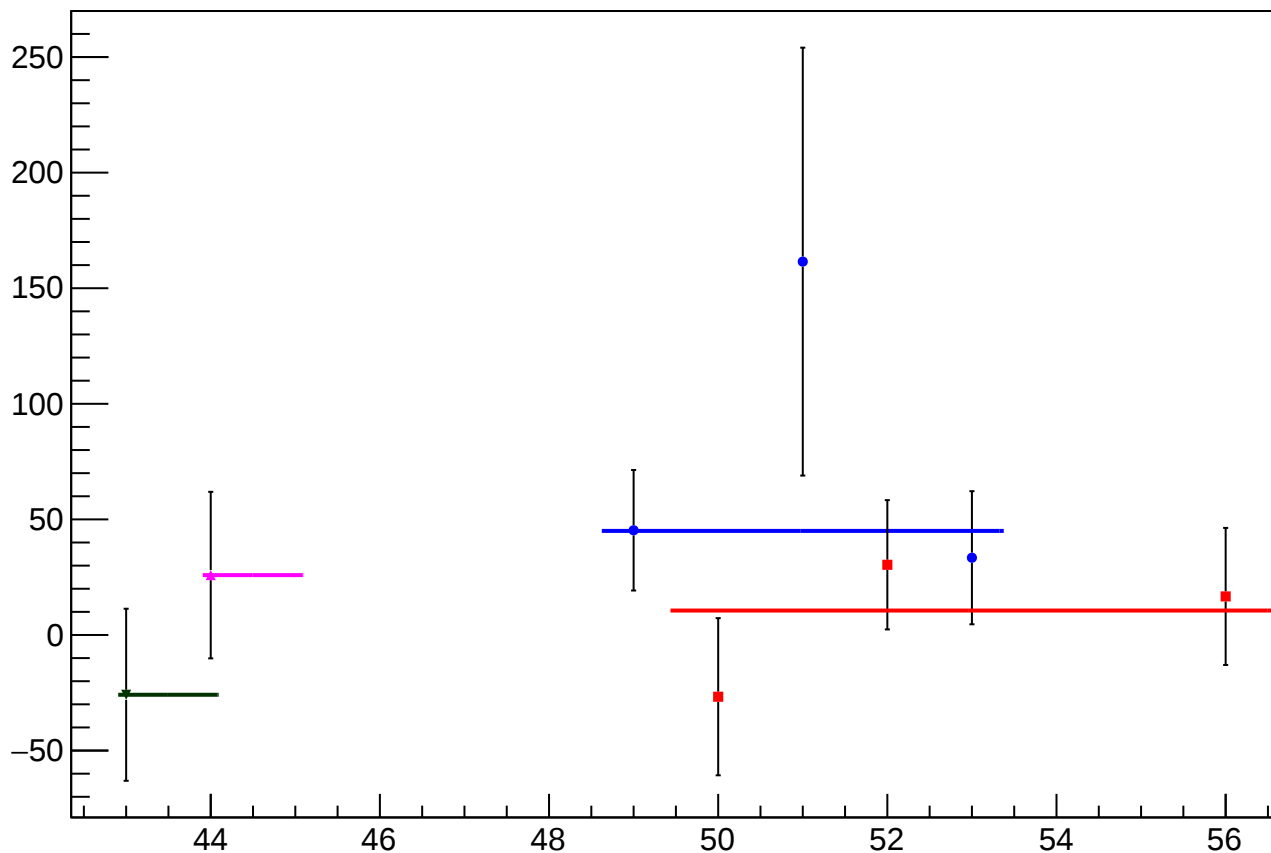
Right Out: -0.011 $\pm$ 0.002 χ^2 /NDF: 78.8/3

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:77.1/8

0.001 $\pm$ 0.001 χ^2 /NDF: 278.4/13

0.003 $\pm$ 0.001 χ^2 /NDF: 224.7/12

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 45.022+/-18.914 χ^2/NDF : 1.7/2

Left Out: -25.864+/-37.215 χ^2/NDF : 0.0/0

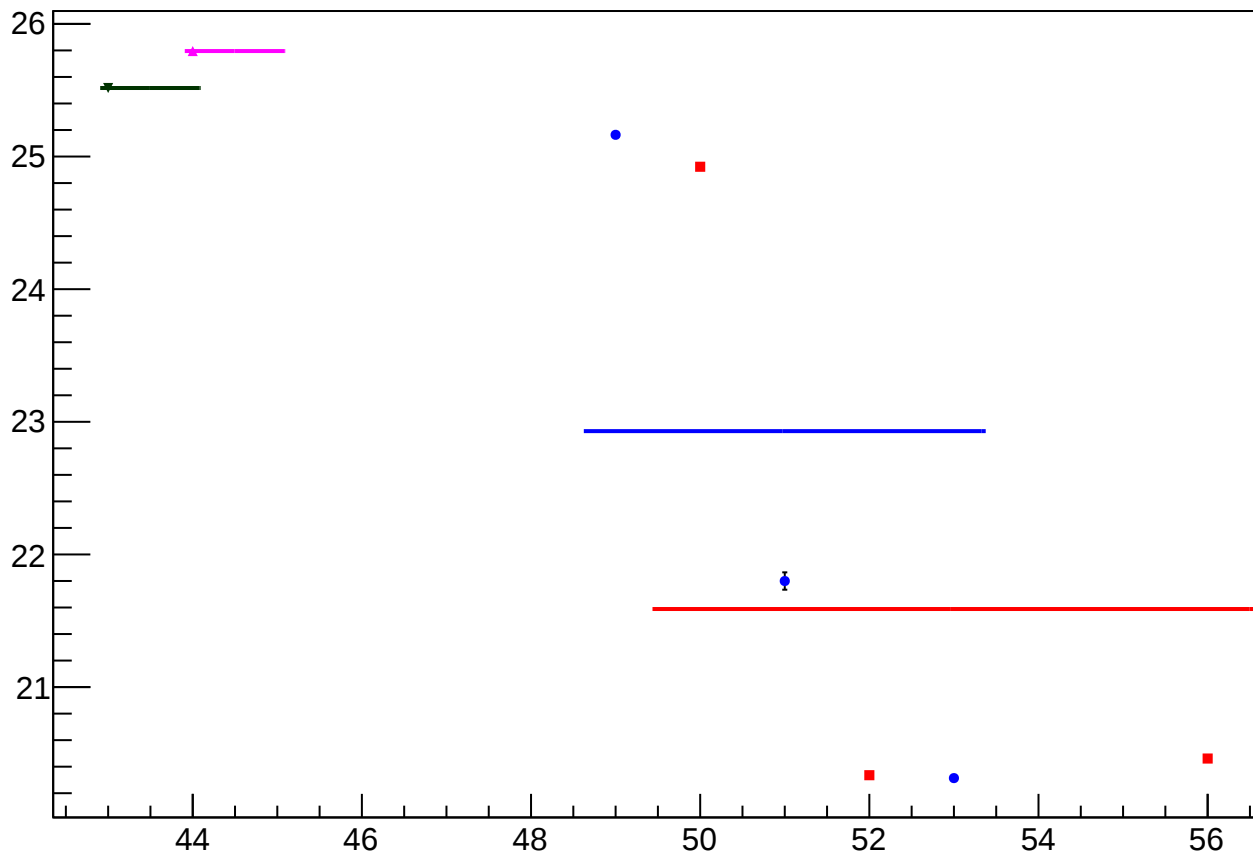
Right Out: 10.571+/-17.455 χ^2/NDF : 1.7/2

Left In: 25.900+/-36.022 χ^2/NDF : 0.0/0

30.470+/-16.861 χ^2/NDF : 4.6/3

13.486+/-15.708 χ^2/NDF : 1.9/3

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 22.930 $\pm$ 0.013 χ^2 /NDF: 31504.0/2

Left Out: 25.517 $\pm$ 0.026 χ^2 /NDF: 0.0/0

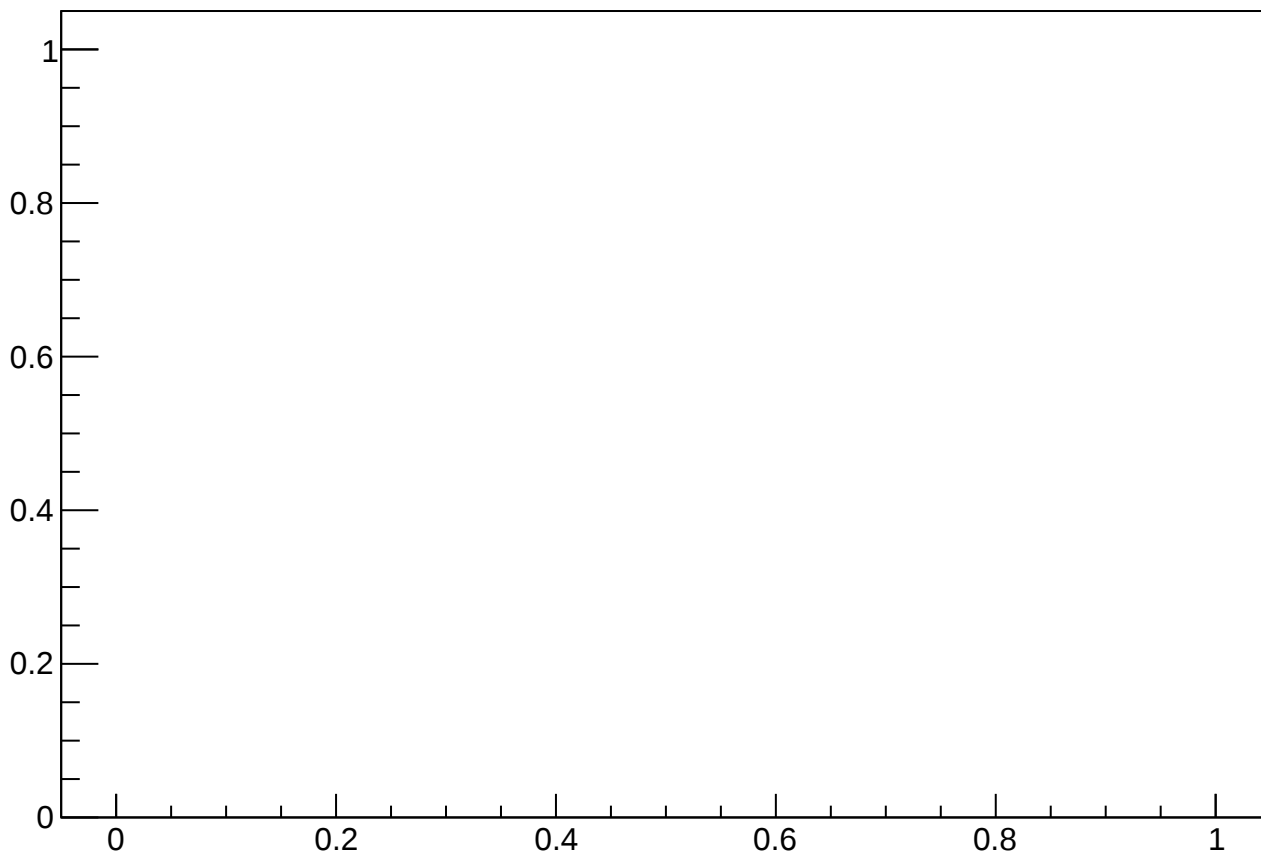
Right Out: 21.589 $\pm$ 0.012 χ^2 /NDF: 26150.1/2

Left In: 25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

23.461 $\pm$ 0.012 χ^2 /NDF: 39184.1/3

22.389 $\pm$ 0.011 χ^2 /NDF: 48238.9/3

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

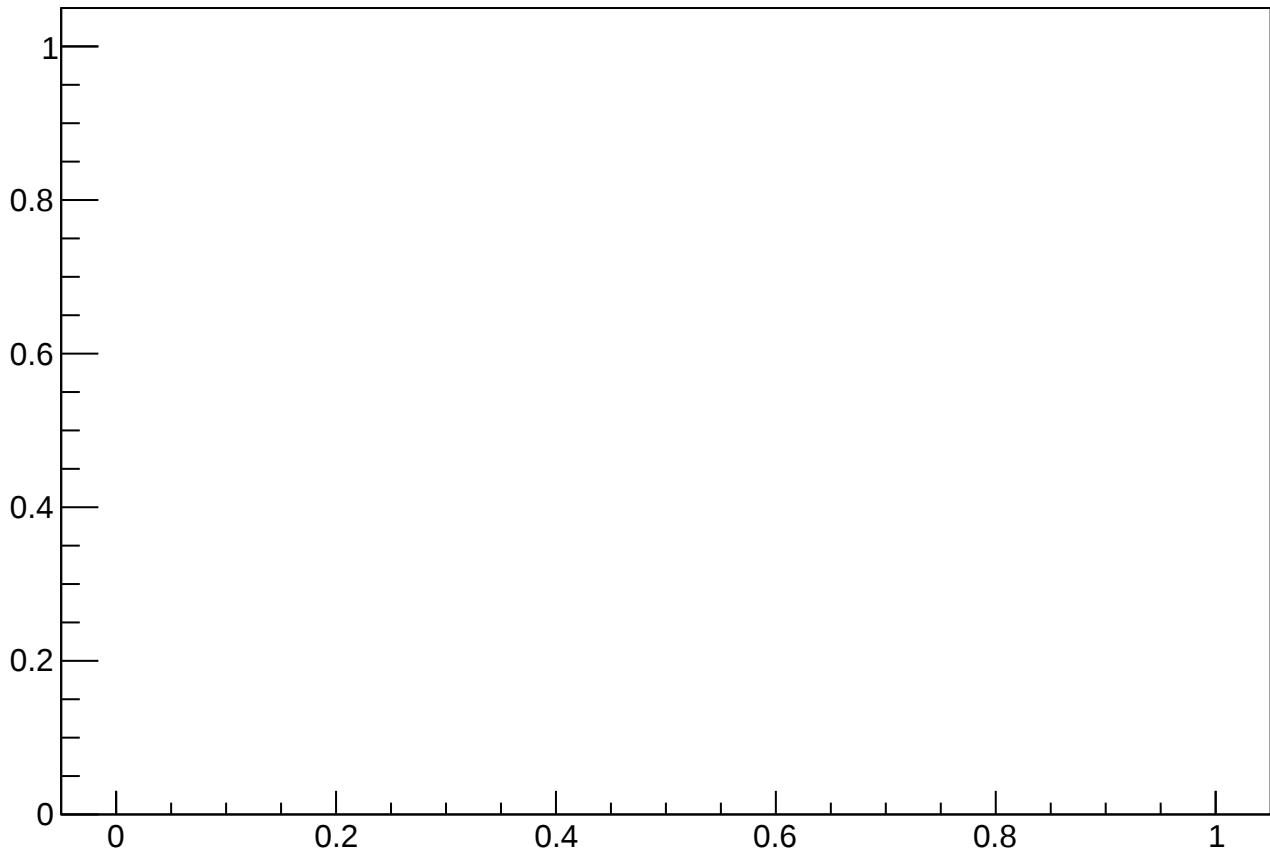
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

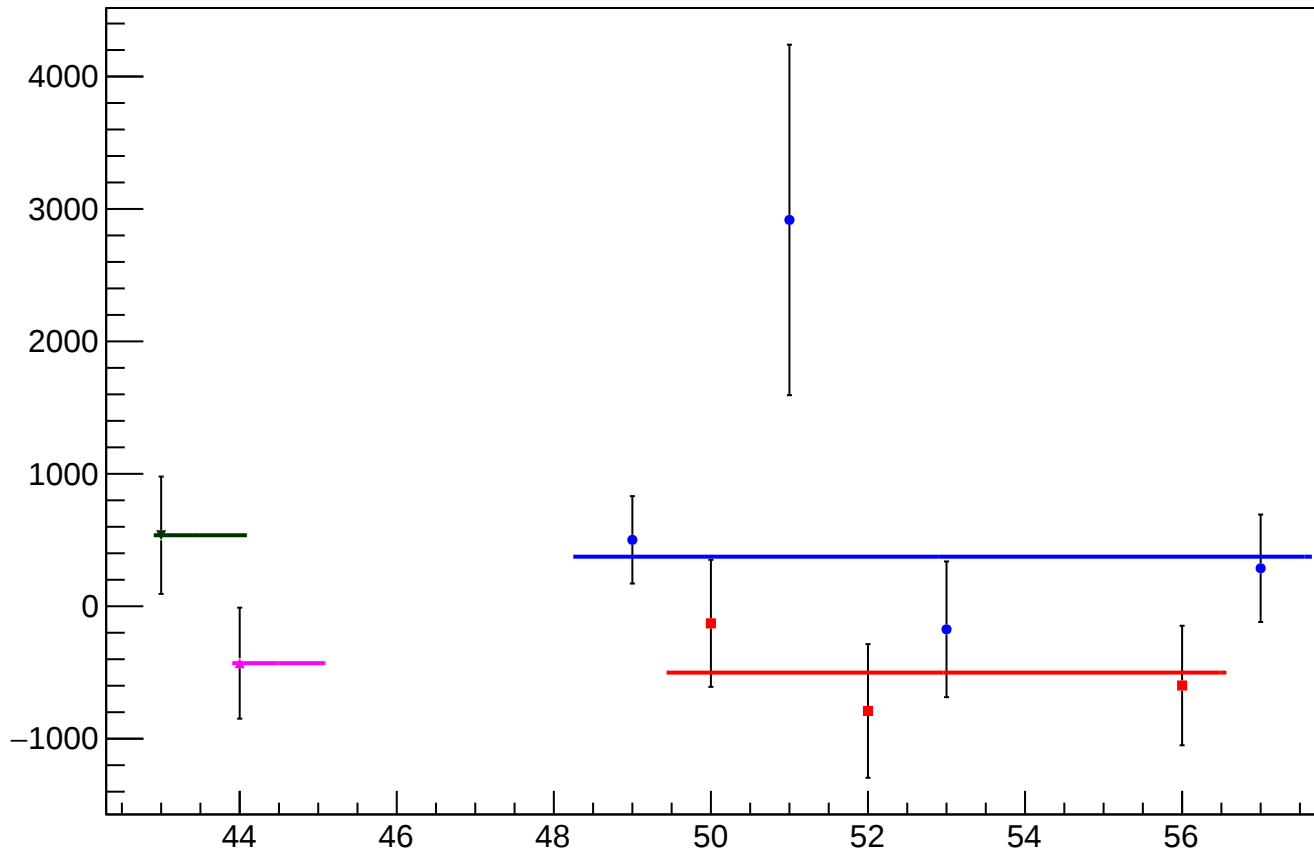
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 5.0/3

Left Out: 536.234+/-443.159 χ^2/NDF : 0.0/0

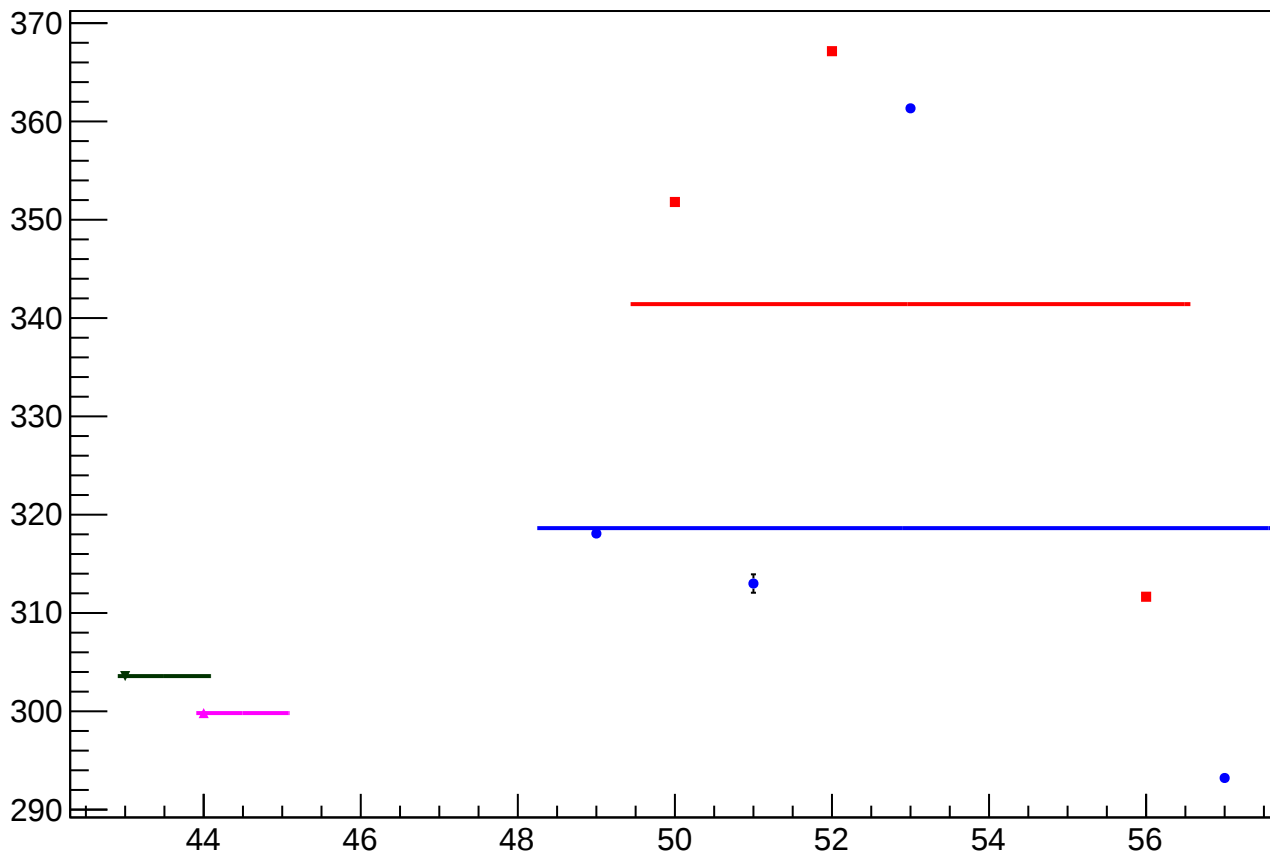
Right Out: -500.910+/-275.432 χ^2/NDF : 1.0/2

Left In: -429.667+/-419.215 χ^2/NDF : 0.0/0

407.663+/-201.097 χ^2/NDF : 5.1/4

-479.429+/-230.193 χ^2/NDF : 1.0/3

asym_us_agg_avg_rms vs slug



Right In: 318.632 ± 0.160 $\chi^2/\text{NDF}: 21772.1/3$

Left Out: 303.582 ± 0.313 $\chi^2/\text{NDF}: 0.0/0$

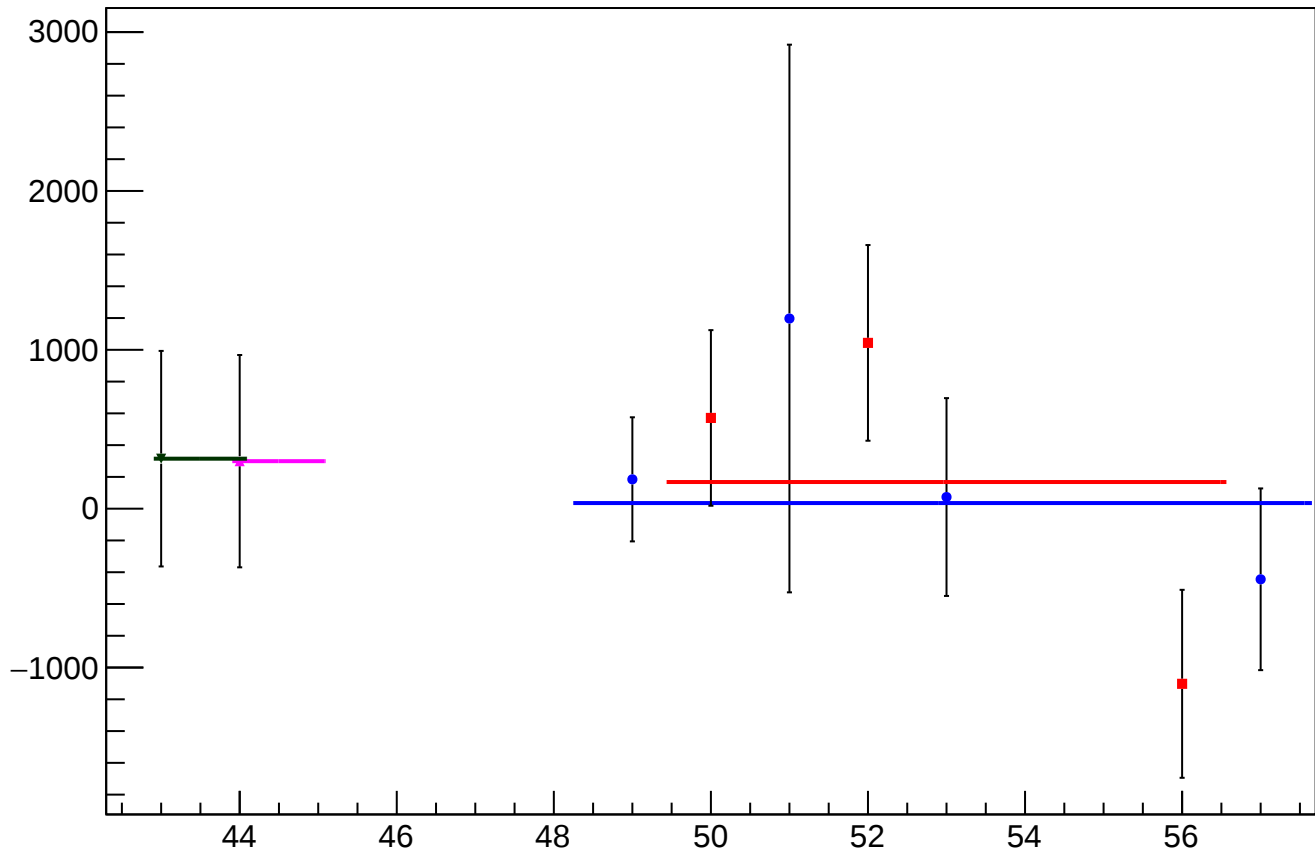
Right Out: 341.418 ± 0.195 $\chi^2/\text{NDF}: 14835.4/2$

Left In: 299.820 ± 0.296 $\chi^2/\text{NDF}: 0.0/0$

315.533 ± 0.142 $\chi^2/\text{NDF}: 23603.8/4$

328.875 ± 0.163 $\chi^2/\text{NDF}: 28590.2/3$

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

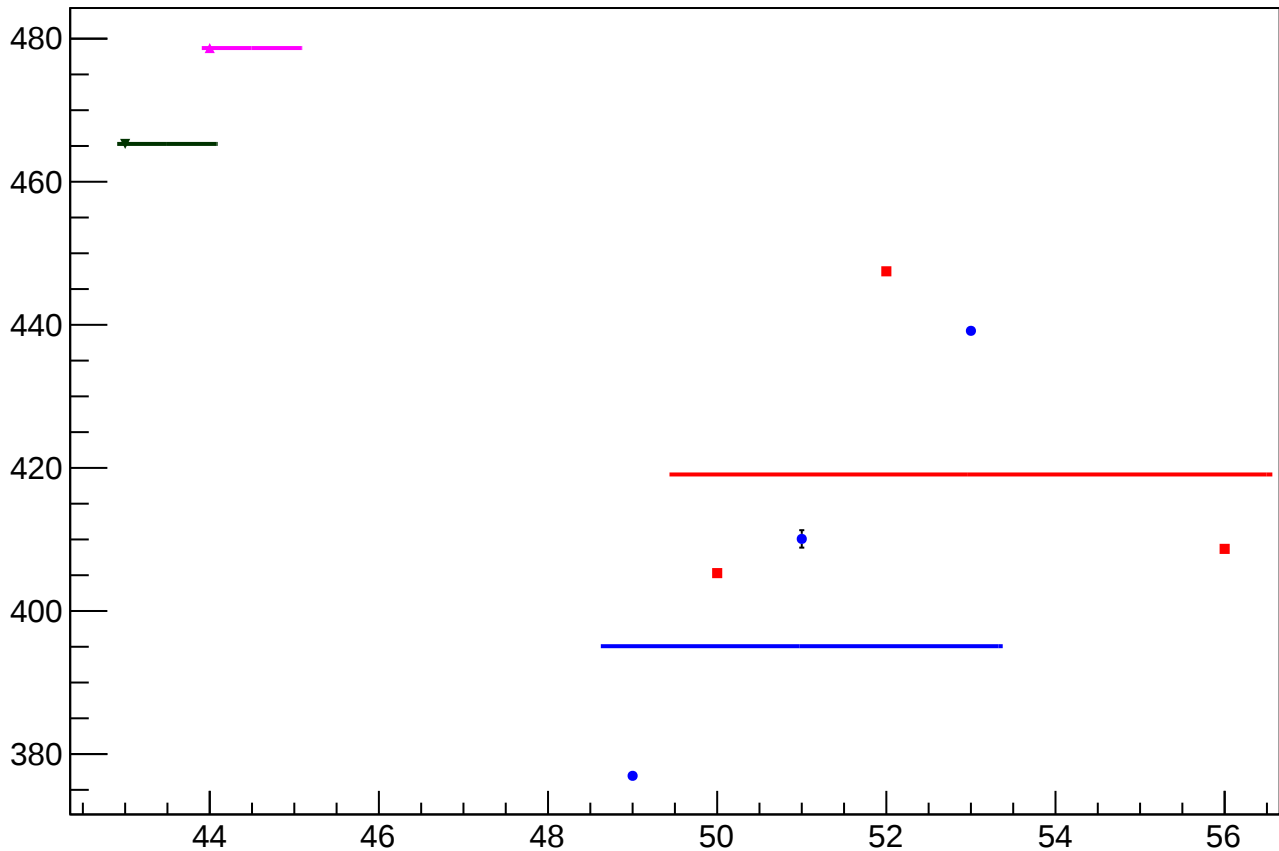
Right Out: 167.802+/-337.739 χ^2/NDF : 7.2/2

Left In: 299.068+/-668.301 χ^2/NDF : 0.0/0

76.665+/-260.817 χ^2/NDF : 1.5/4

194.507+/-301.433 χ^2/NDF : 7.2/3

asym_us_agg_dd_rms vs slug



Right In: 395.079 ± 0.230 χ^2/NDF : 14480.1/2

Left Out: 465.287 ± 0.480 χ^2/NDF : 0.0/0

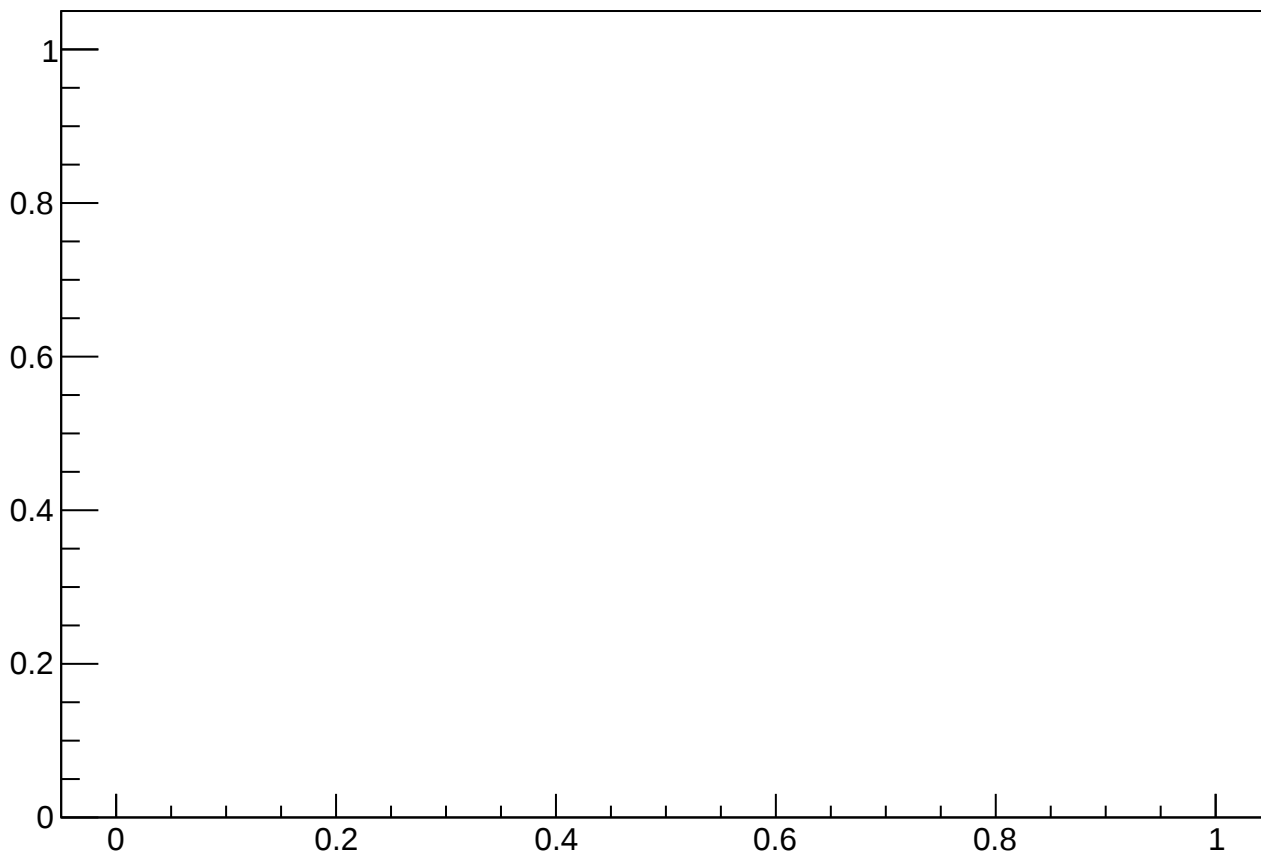
Right Out: 419.083 ± 0.239 χ^2/NDF : 6114.2/2

Left In: 478.688 ± 0.473 χ^2/NDF : 0.0/0

408.181 ± 0.207 χ^2/NDF : 31902.9/3

431.209 ± 0.213 χ^2/NDF : 18786.7/3

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

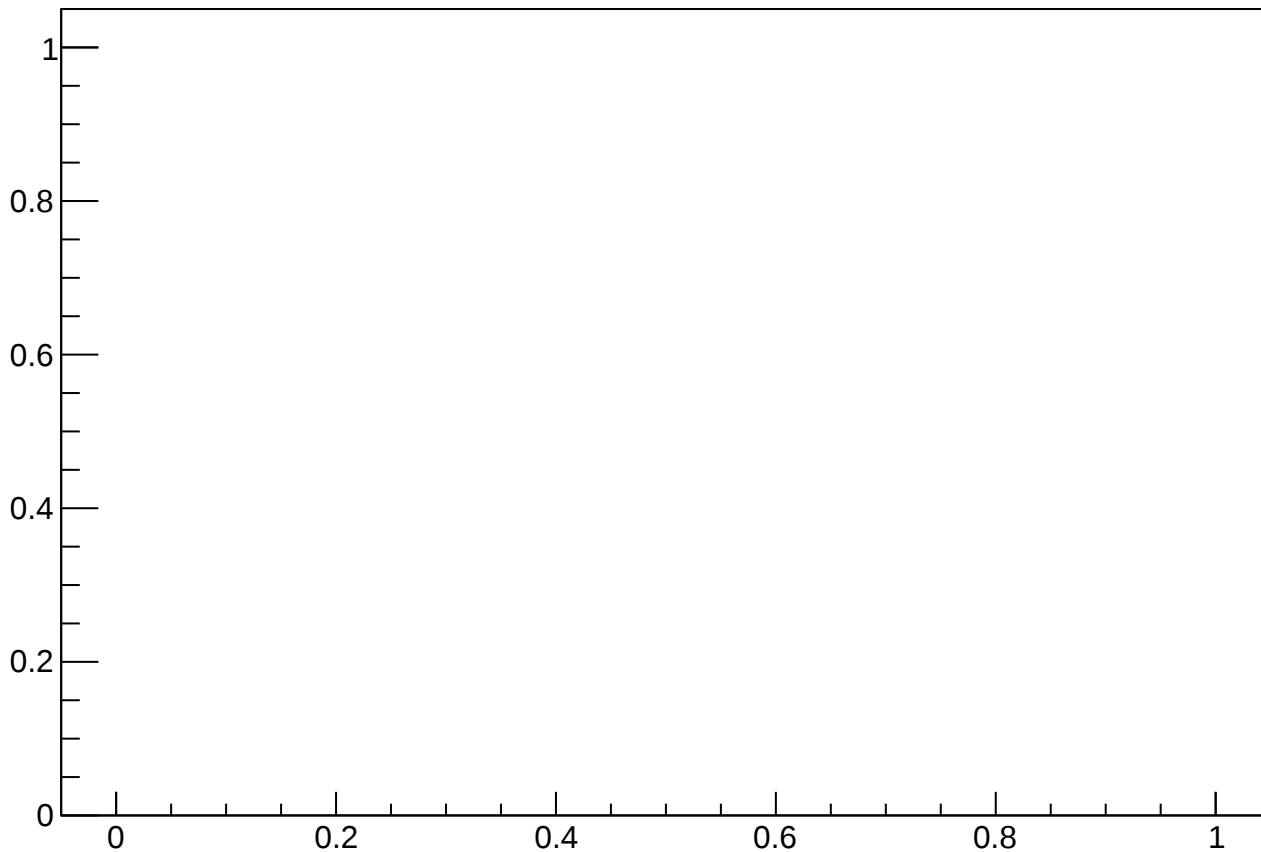
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

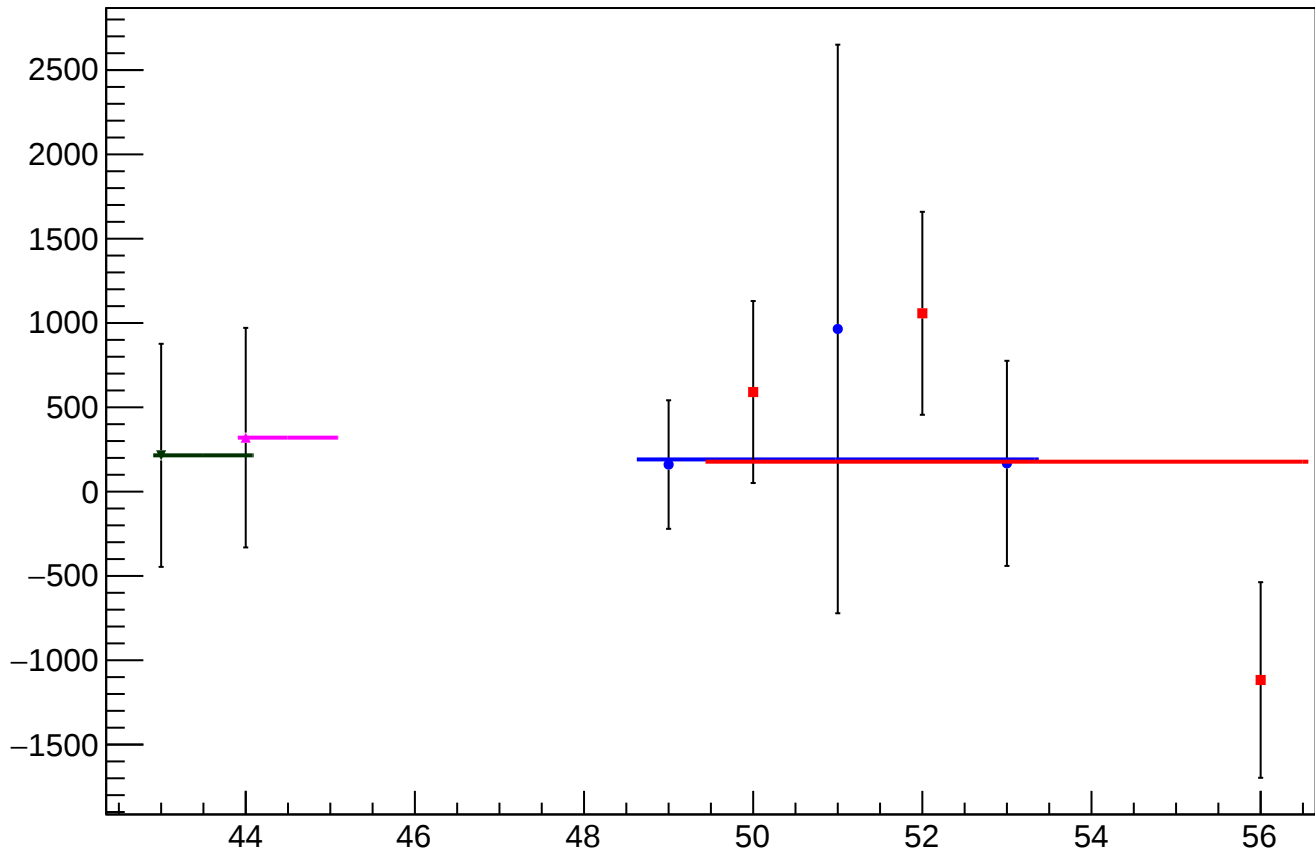
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 190.948 $\pm$ 317.227 χ^2/NDF : 0.2/2

Left Out: 215.223 $\pm$ 661.440 χ^2/NDF : 0.0/0

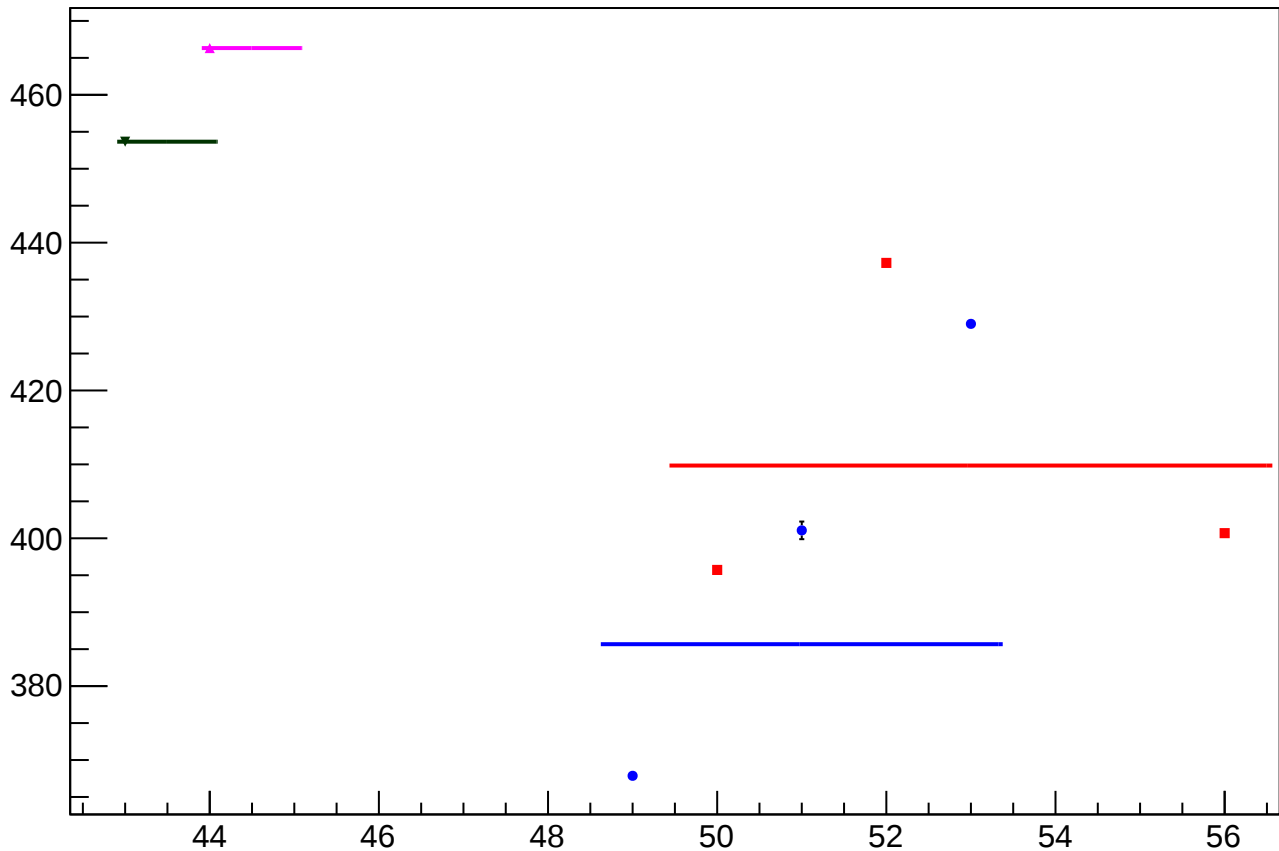
Right Out: 177.575 $\pm$ 330.292 χ^2/NDF : 7.7/2

Left In: 320.160 $\pm$ 651.039 χ^2/NDF : 0.0/0

195.487 $\pm$ 286.032 χ^2/NDF : 0.2/3

206.762 $\pm$ 294.553 χ^2/NDF : 7.7/3

asym_ds_agg_dd_rms vs slug



Right In: 385.671 $\pm$ 0.224 χ^2 /NDF: 14685.8/2

Left Out: 453.660 $\pm$ 0.468 χ^2 /NDF: 0.0/0

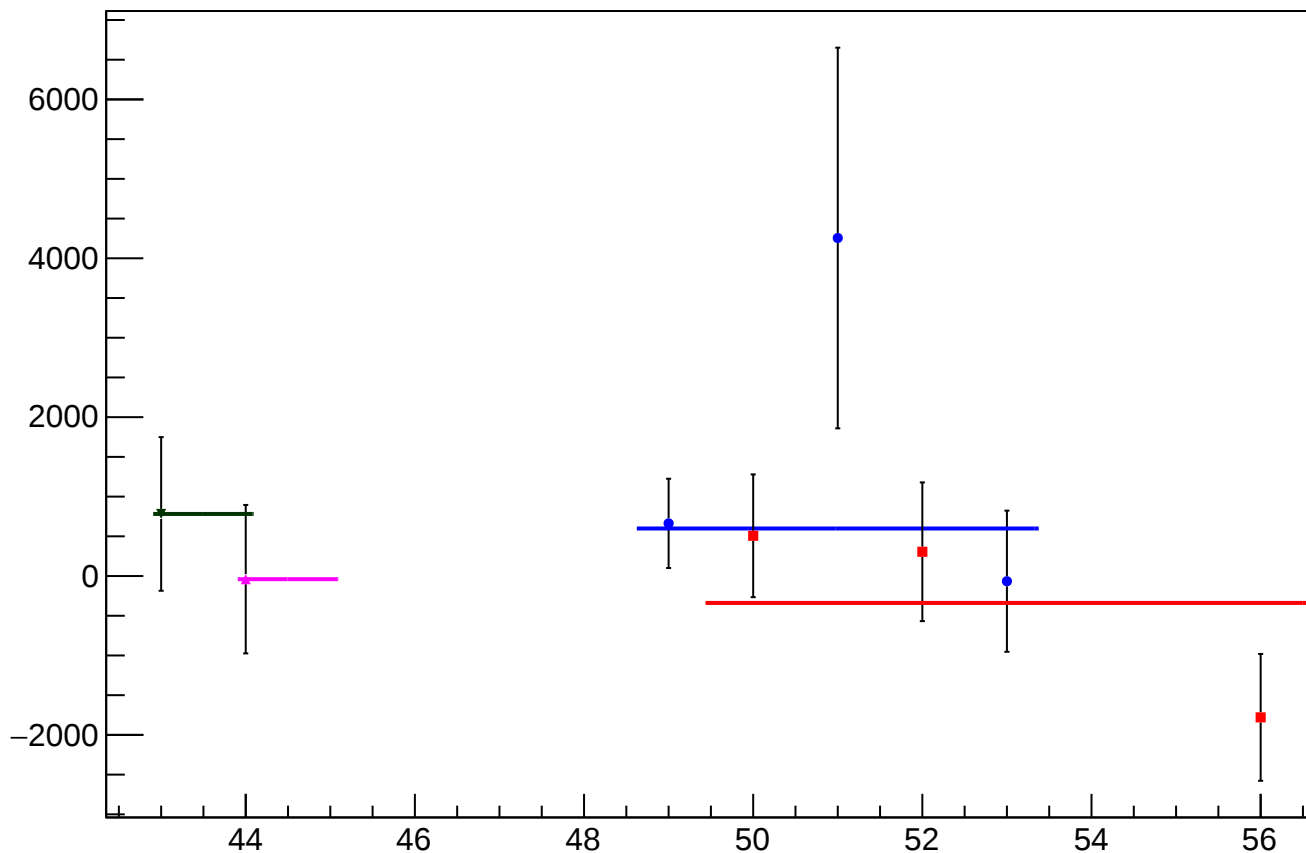
Right Out: 409.843 $\pm$ 0.234 χ^2 /NDF: 6017.3/2

Left In: 466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

398.385 $\pm$ 0.202 χ^2 /NDF: 31865.3/3

421.405 $\pm$ 0.208 χ^2 /NDF: 17990.2/3

asym_left_agg_avg_mean vs slug



Right In: 598.503+/-465.872 χ^2/NDF : 2.9/2

Left Out: 781.614+/-967.286 χ^2/NDF : 0.0/0

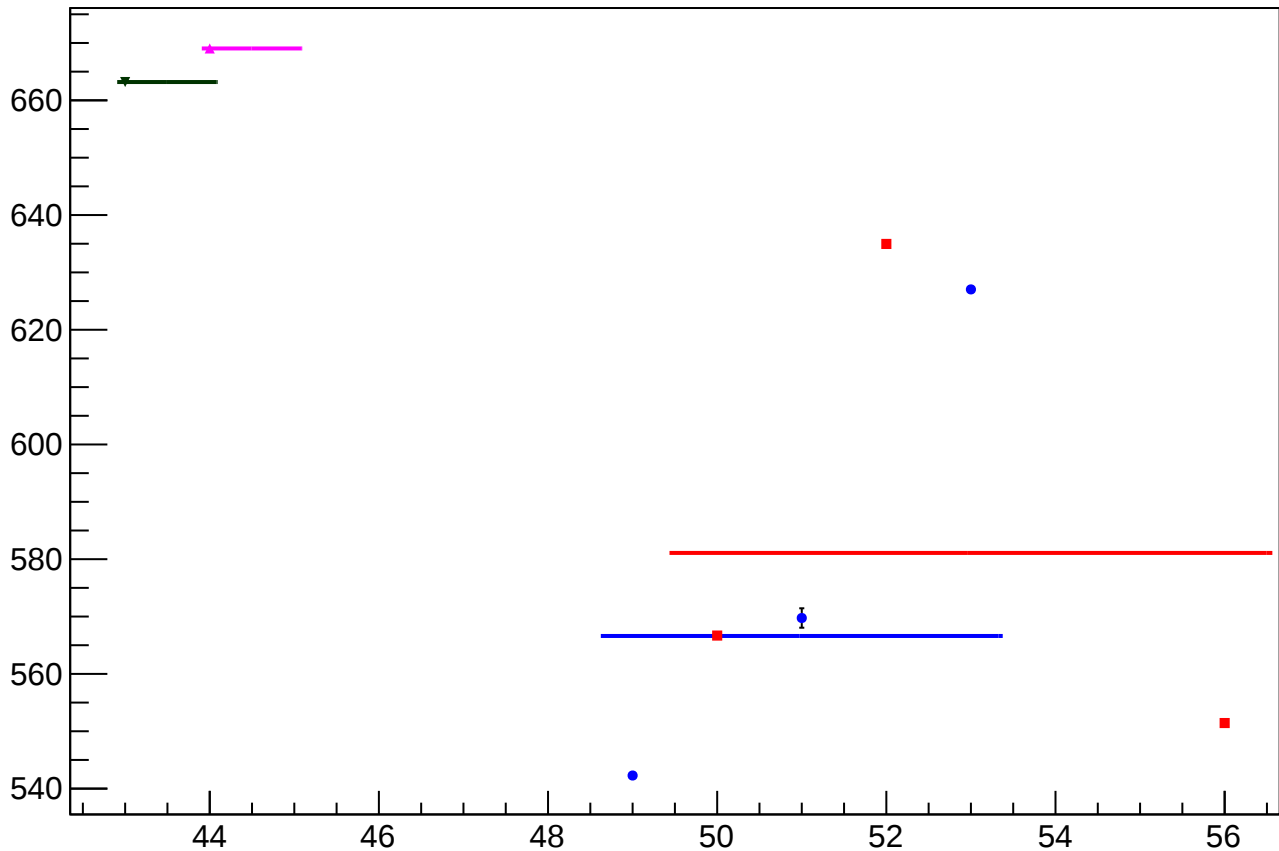
Right Out: -338.478+/-468.564 χ^2/NDF : 5.0/2

Left In: -39.508+/-934.410 χ^2/NDF : 0.0/0

632.981+/-419.727 χ^2/NDF : 2.9/3

-278.406+/-418.853 χ^2/NDF : 5.1/3

asym_left_agg_avg_rms vs slug



Right In: 566.613+/-0.329 χ^2/NDF : 12998.5/2

Left Out: 663.190+/-0.684 χ^2/NDF : 0.0/0

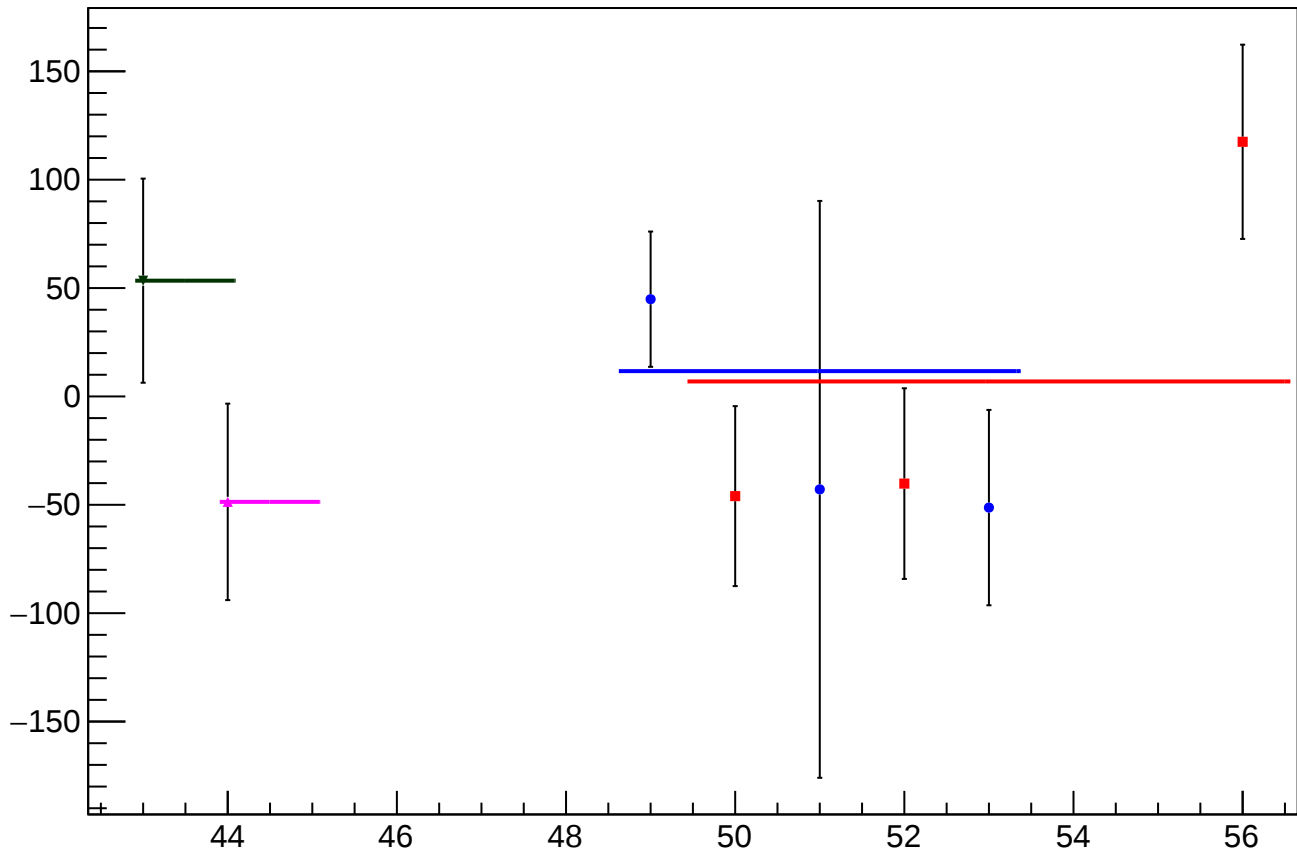
Right Out: 581.092+/-0.331 χ^2/NDF : 11066.2/2

Left In: 669.043+/-0.661 χ^2/NDF : 0.0/0

584.798+/-0.297 χ^2/NDF : 29181.8/3

598.764+/-0.296 χ^2/NDF : 25224.8/3

asym_left_agg_dd_mean vs slug



Right In: 11.676 $\pm$ 25.195 χ^2/NDF : 3.3/2

Left Out: 53.407 $\pm$ 47.084 χ^2/NDF : 0.0/0

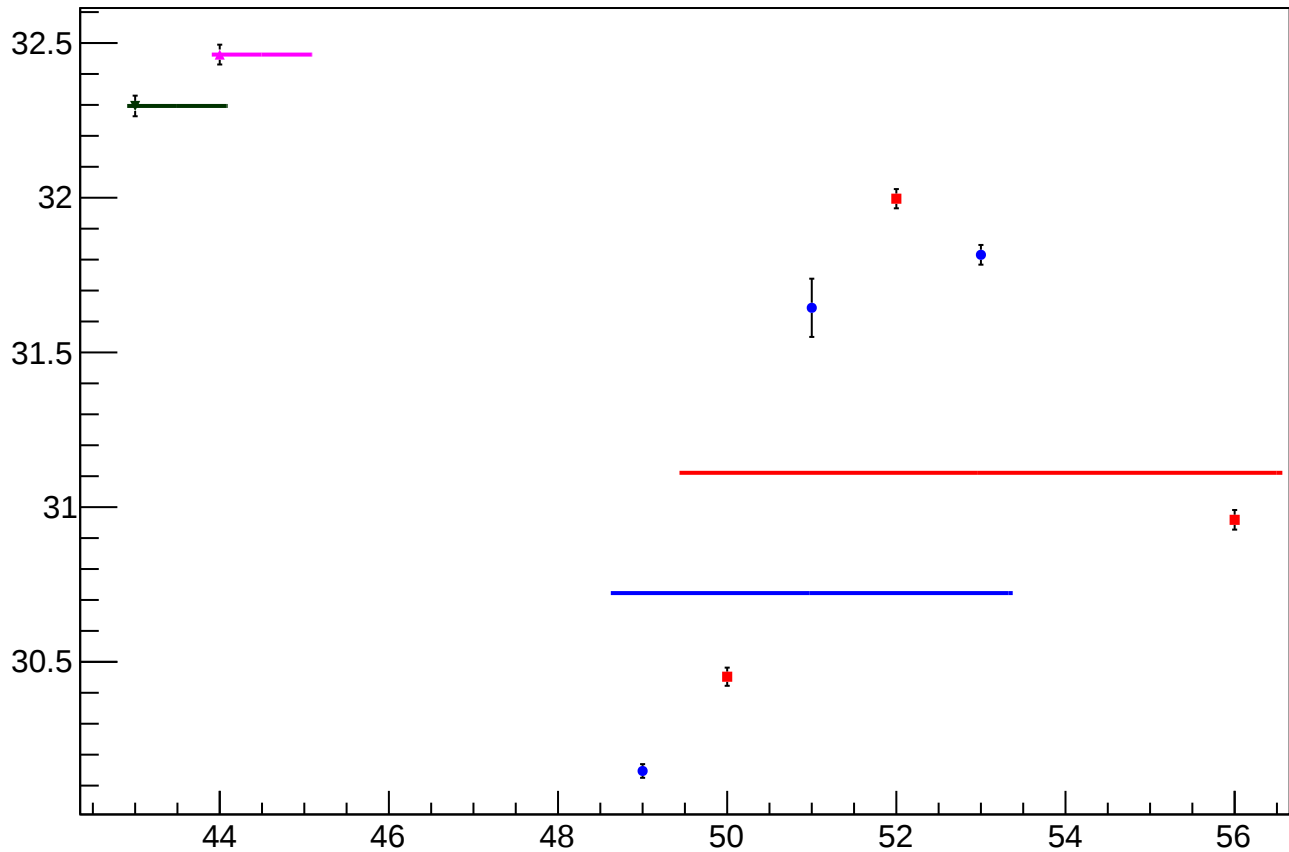
Right Out: 6.911 $\pm$ 25.037 χ^2/NDF : 8.9/2

Left In: -48.651 $\pm$ 45.318 χ^2/NDF : 0.0/0

20.965 $\pm$ 22.214 χ^2/NDF : 3.9/3

-6.082 $\pm$ 21.915 χ^2/NDF : 10.0/3

asym_left_agg_dd_rms vs slug



Right In: 30.722 $\pm$ 0.018 χ^2 /NDF: 1951.4/2

Left Out: 32.297 $\pm$ 0.033 χ^2 /NDF: 0.0/0

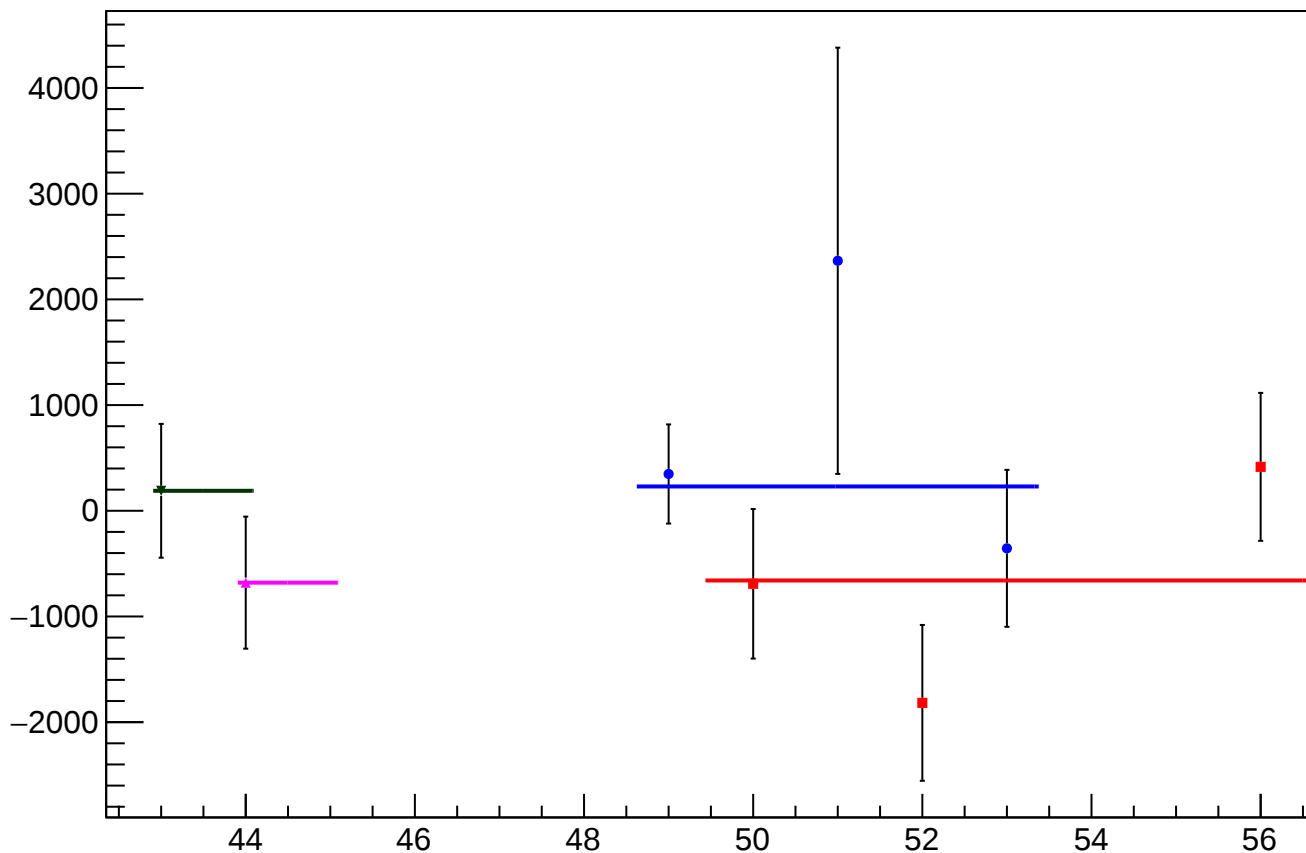
Right Out: 31.111 $\pm$ 0.018 χ^2 /NDF: 1338.6/2

Left In: 32.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

31.073 $\pm$ 0.016 χ^2 /NDF: 3689.8/3

31.427 $\pm$ 0.015 χ^2 /NDF: 2701.7/3

asym_right_agg_avg_mean vs slug



Right In: 230.066+/-389.028 χ^2/NDF : 1.8/2

Left Out: 188.983+/-633.036 χ^2/NDF : 0.0/0

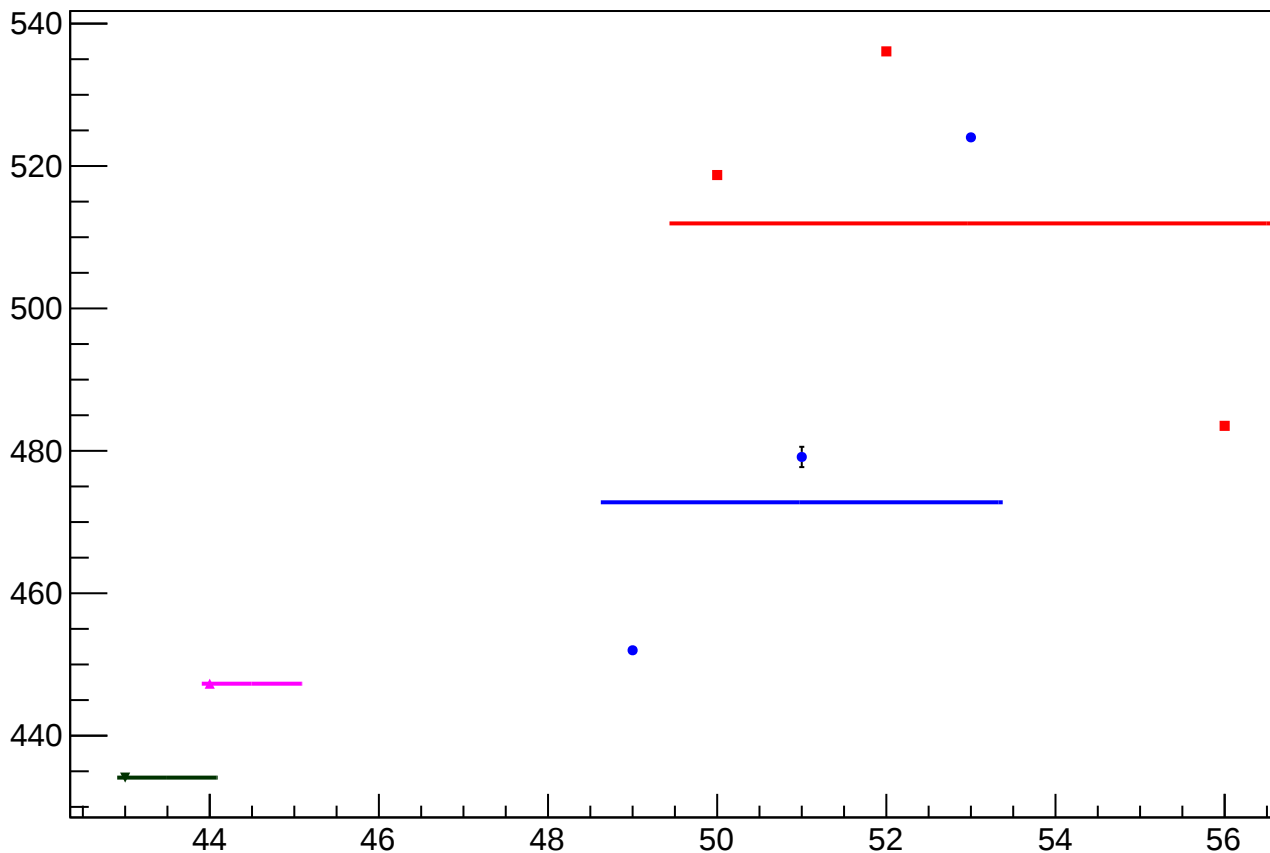
Right Out: -659.359+/-412.406 χ^2/NDF : 4.8/2

Left In: -680.012+/-624.573 χ^2/NDF : 0.0/0

218.804+/-331.443 χ^2/NDF : 1.8/3

-665.629+/-344.150 χ^2/NDF : 4.8/3

asym_right_agg_avg_rms vs slug



Right In: 472.776 $\pm$ 0.275 χ^2 /NDF: 13475.1/2

Left Out: 434.112 $\pm$ 0.448 χ^2 /NDF: 0.0/0

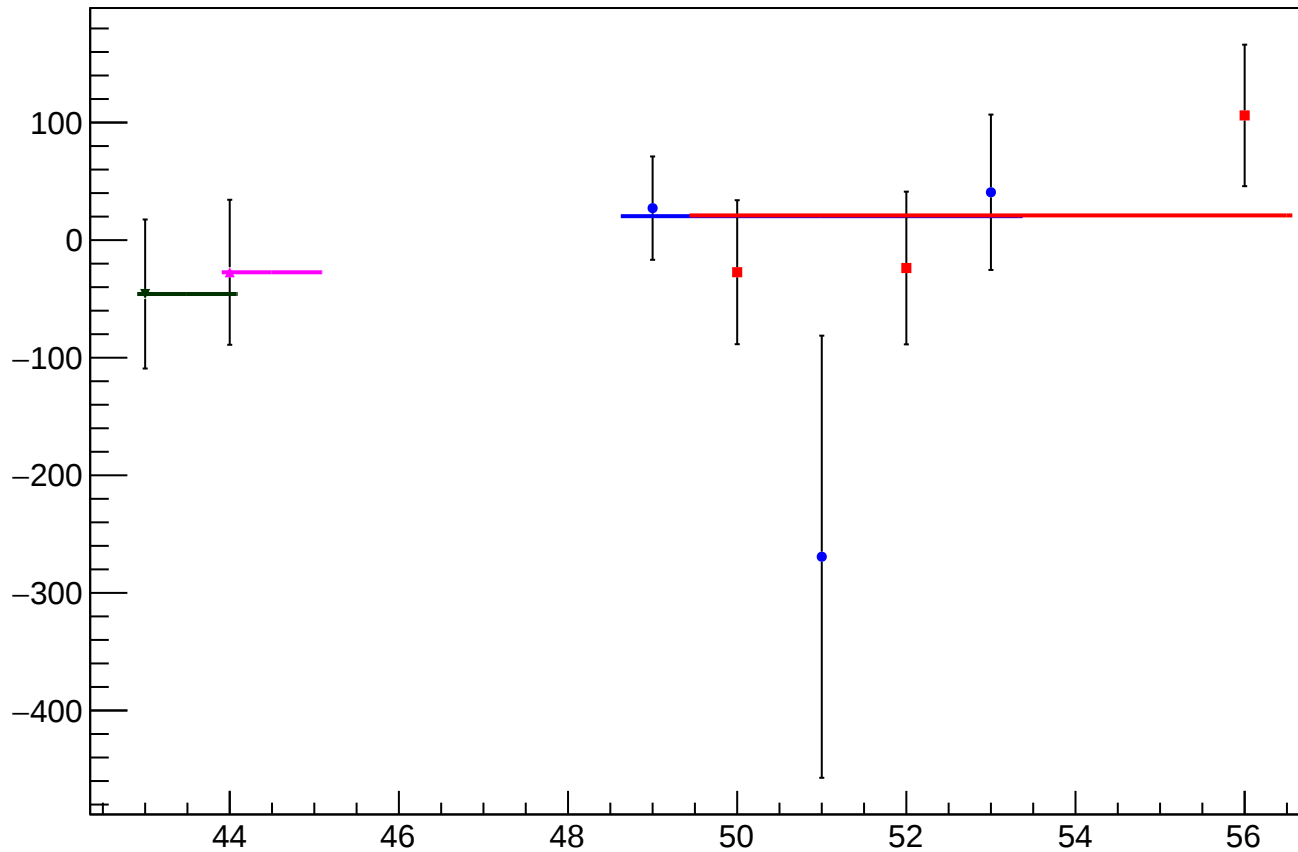
462.177 $\pm$ 0.234 χ^2 /NDF: 18890.5/3

Right Out: 511.940 $\pm$ 0.292 χ^2 /NDF: 5631.7/2

492.314 $\pm$ 0.243 χ^2 /NDF: 20549.3/3

Left In: 447.301 $\pm$ 0.442 χ^2 /NDF: 0.0/0

asym_right_agg_dd_mean vs slug



Right In: 20.379+/-35.911 χ^2/NDF : 2.5/2

Left Out: -45.823+/-63.374 χ^2/NDF : 0.0/0

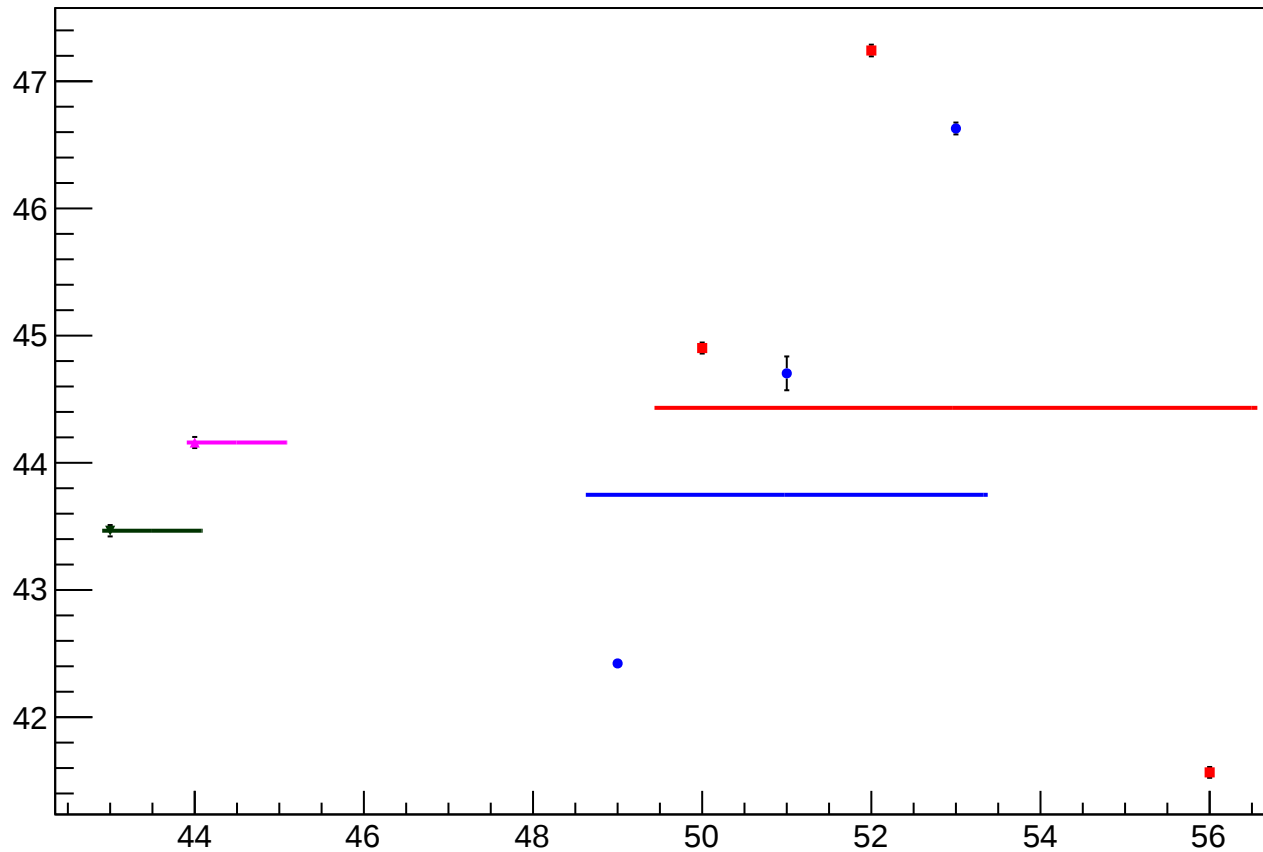
Right Out: 21.010+/-35.803 χ^2/NDF : 3.1/2

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

4.288+/-31.244 χ^2/NDF : 3.3/3

8.816+/-30.961 χ^2/NDF : 3.6/3

asym_right_agg_dd_rms vs slug



Right In: 43.748 $\pm$ 0.025 χ^2 /NDF: 5674.1/2

Left Out: 43.466 $\pm$ 0.045 χ^2 /NDF: 0.0/0

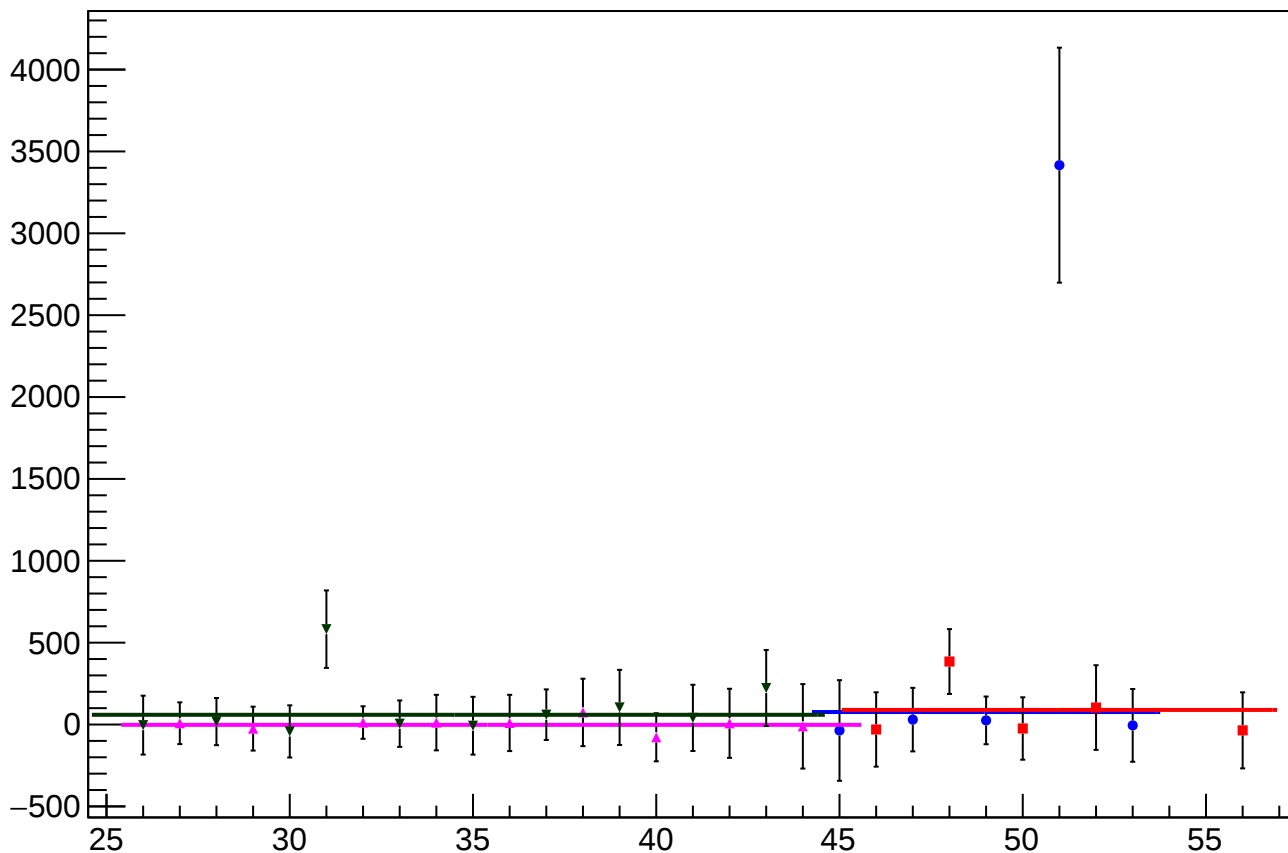
Right Out: 44.432 $\pm$ 0.025 χ^2 /NDF: 8400.4/2

Left In: 44.160 $\pm$ 0.044 χ^2 /NDF: 0.0/0

43.680 $\pm$ 0.022 χ^2 /NDF: 5704.1/3

44.363 $\pm$ 0.022 χ^2 /NDF: 8429.6/3

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 76.407 ± 96.917 $\chi^2/\text{NDF}: 22.1/4$

Left Out: 59.489 ± 55.719 $\chi^2/\text{NDF}: 6.3/9$

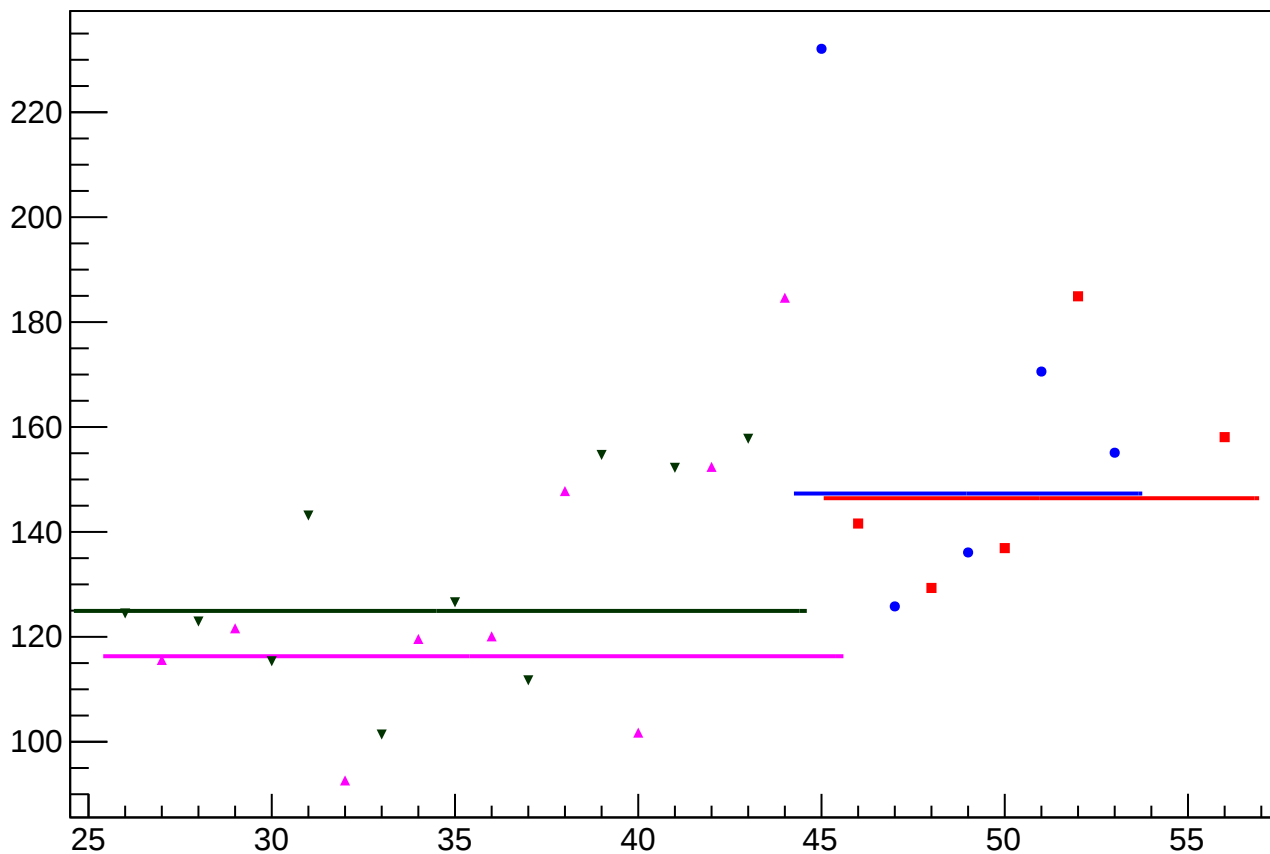
Right Out: 89.251 ± 97.136 $\chi^2/\text{NDF}: 3.2/4$

Left In: -2.017 ± 50.338 $\chi^2/\text{NDF}: 0.5/8$

63.692 ± 48.305 $\chi^2/\text{NDF}: 28.5/14$

17.305 ± 44.693 $\chi^2/\text{NDF}: 4.3/13$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 147.320 ± 0.069 χ^2/NDF : 193268.9/4

Left Out: 124.943 ± 0.039 χ^2/NDF : 199383.4/9

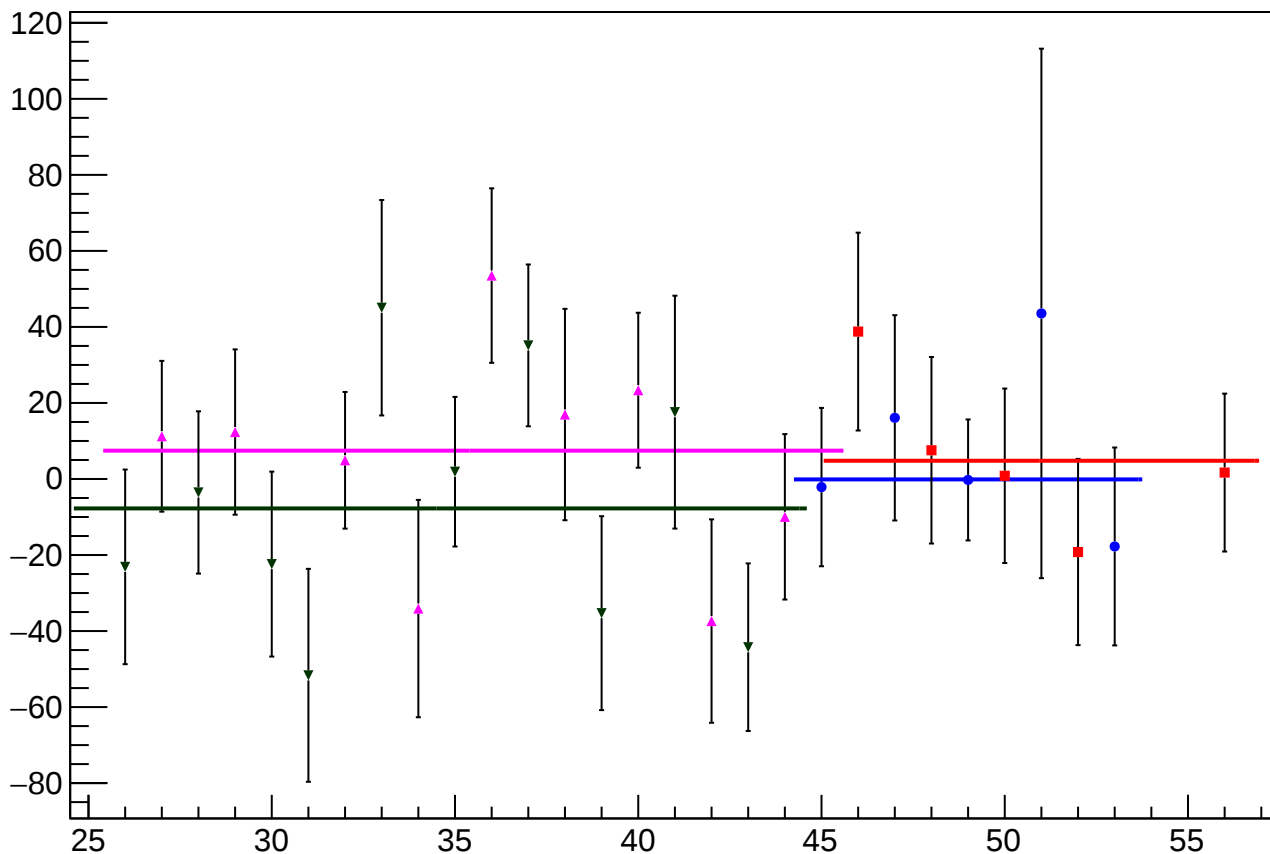
Right Out: 146.426 ± 0.069 χ^2/NDF : 70183.9/4

Left In: 116.307 ± 0.036 χ^2/NDF : 383885.3/8

130.502 ± 0.034 χ^2/NDF : 472780.3/14

122.683 ± 0.032 χ^2/NDF : 605648.9/13

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -0.111 ± 10.366 $\chi^2/\text{NDF}: 1.2/4$

Left Out: -7.744 ± 7.585 $\chi^2/\text{NDF}: 15.6/9$

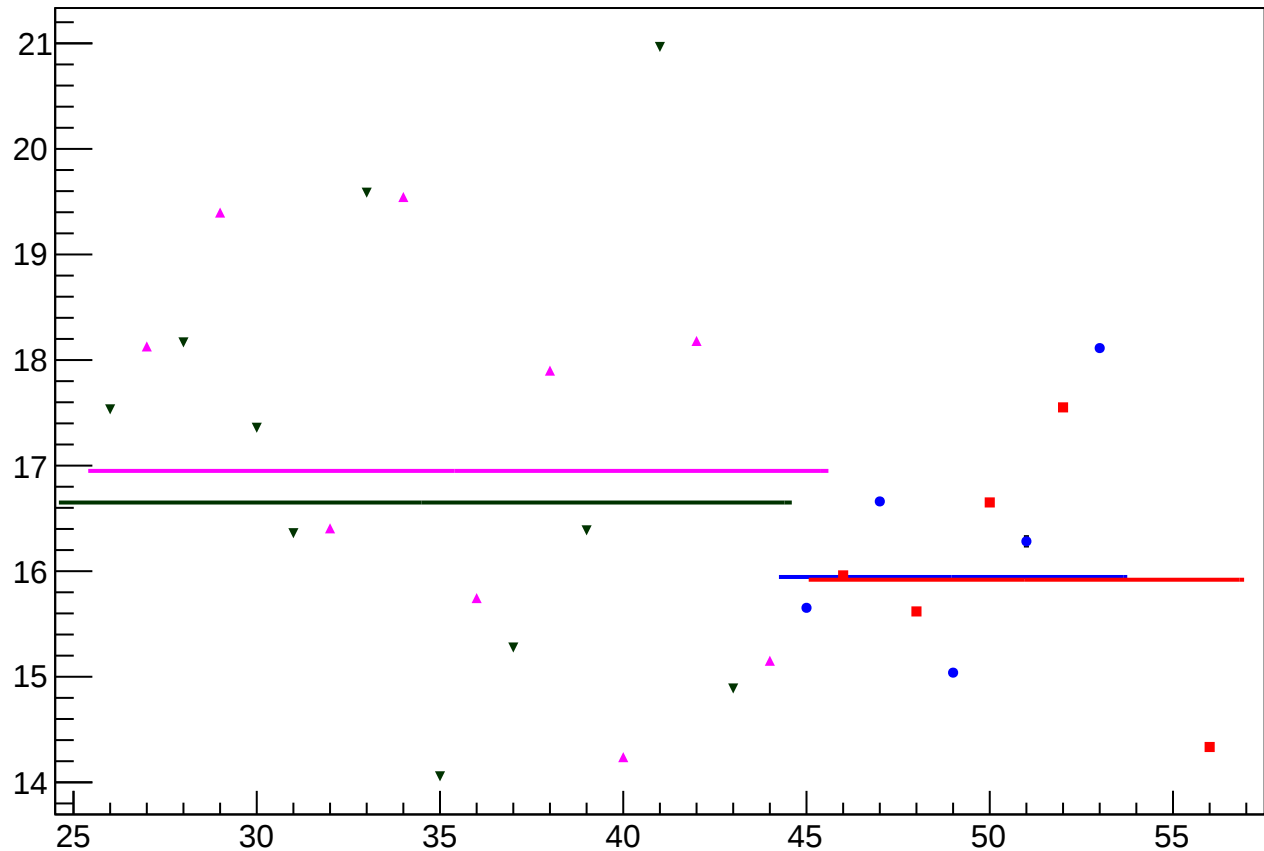
Right Out: 4.798 ± 10.528 $\chi^2/\text{NDF}: 2.7/4$

Left In: 7.449 ± 7.436 $\chi^2/\text{NDF}: 10.4/8$

-5.082 ± 6.121 $\chi^2/\text{NDF}: 17.2/14$

6.567 ± 6.074 $\chi^2/\text{NDF}: 13.2/13$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.945+/-0.007 χ^2/NDF : 22205.9/4

Left Out: 16.650+/-0.005 χ^2/NDF : 131585.8/9

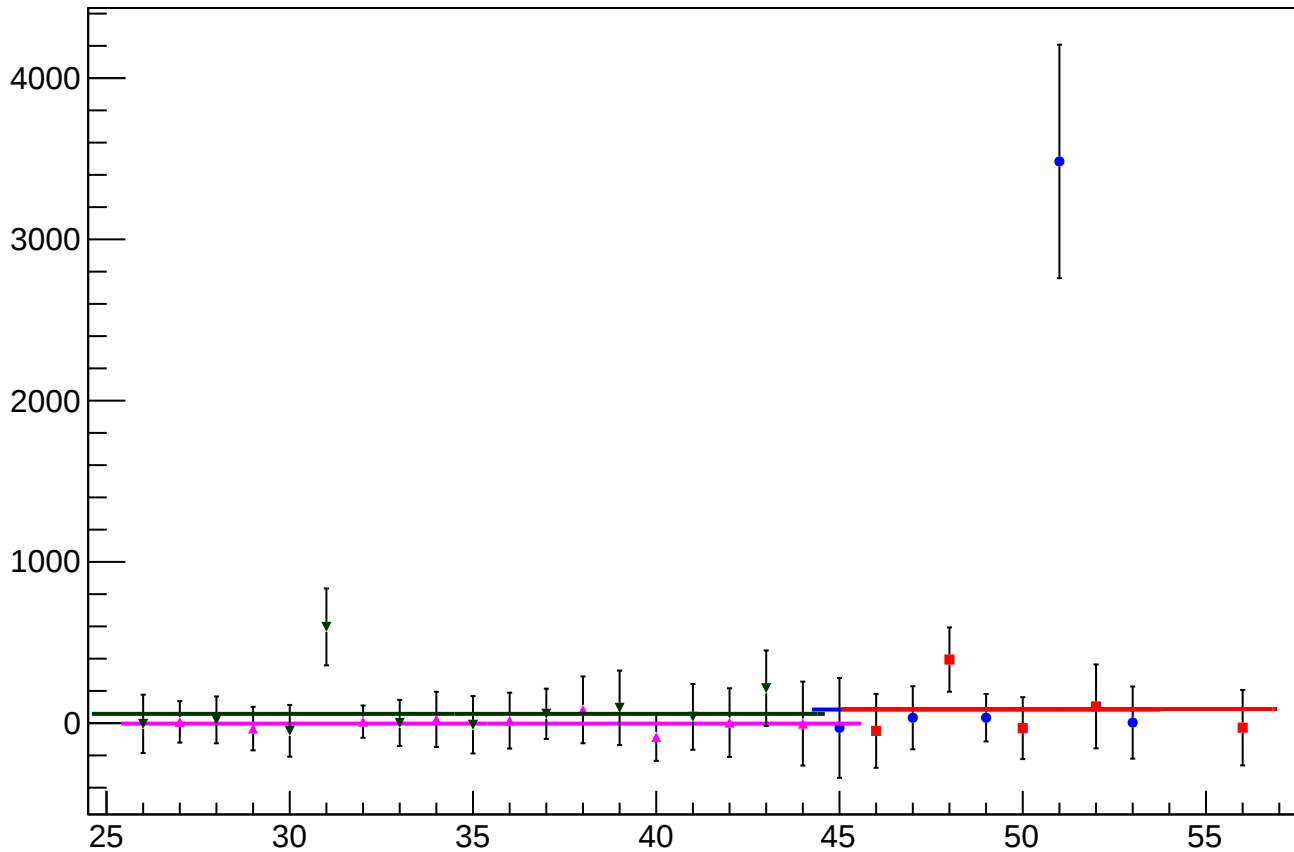
Right Out: 15.919+/-0.007 χ^2/NDF : 22863.5/4

Left In: 16.950+/-0.005 χ^2/NDF : 111842.2/8

16.404+/-0.004 χ^2/NDF : 159821.8/14

16.607+/-0.004 χ^2/NDF : 147497.7/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 84.447 ± 97.645 χ^2/NDF : 22.5/4

Left Out: 57.736 ± 56.149 χ^2/NDF : 6.5/9

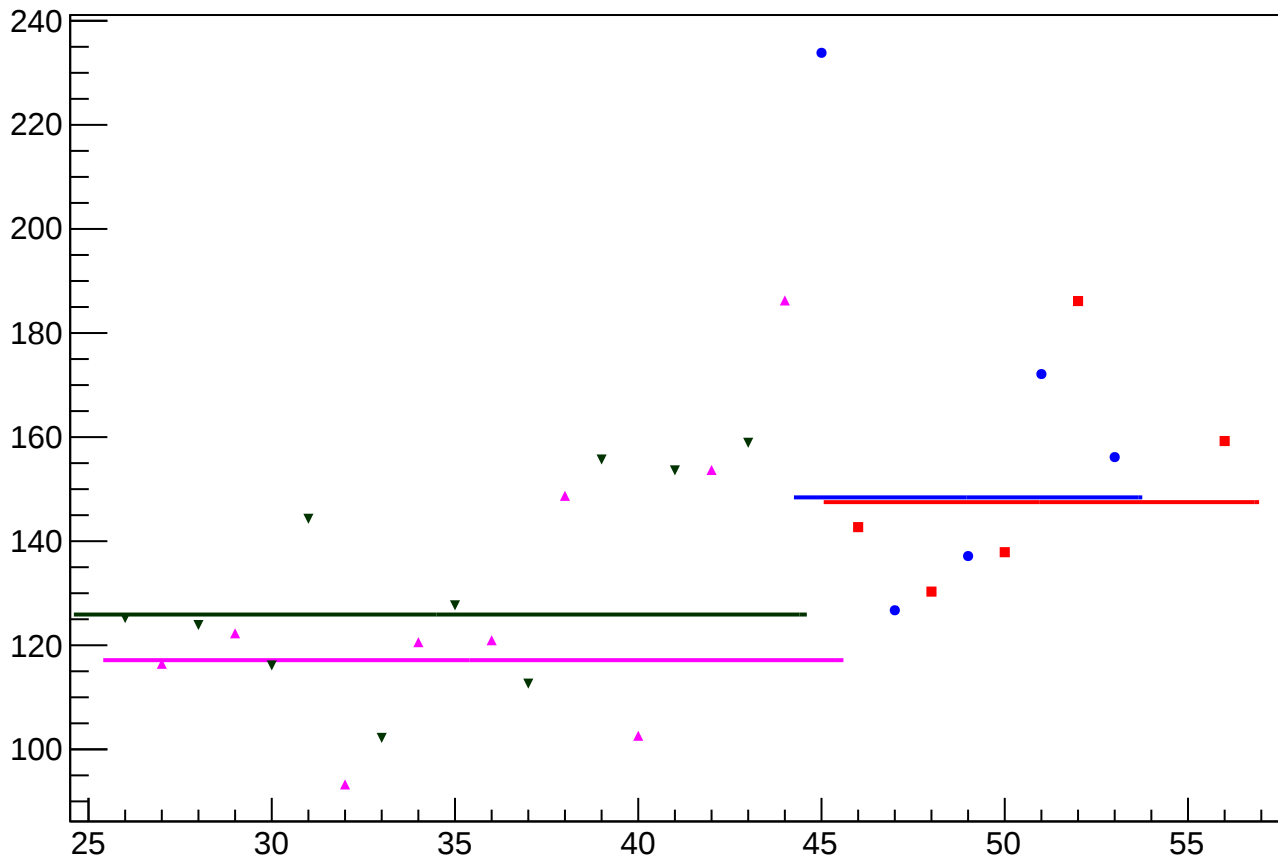
Right Out: 87.904 ± 97.848 χ^2/NDF : 3.3/4

Left In: -2.605 ± 50.703 χ^2/NDF : 0.6/8

64.373 ± 48.675 χ^2/NDF : 29.1/14

16.554 ± 45.018 χ^2/NDF : 4.6/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 148.419+/-0.069 χ^2/NDF : 193208.3/4

Left Out: 125.907+/-0.040 χ^2/NDF :199353.5/9

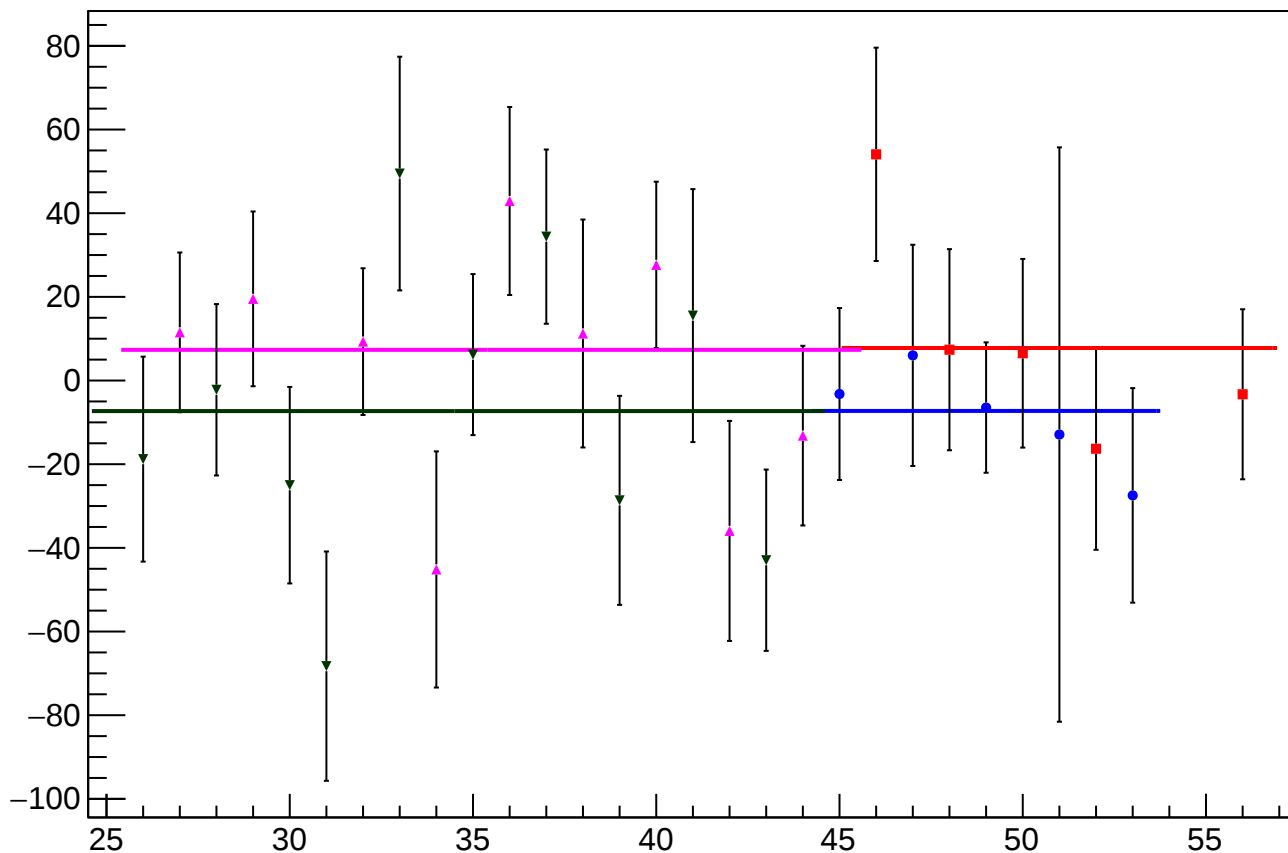
Right Out: 147.506+/-0.069 χ^2/NDF : 69899.0/4

Left In: 117.138+/-0.036 χ^2/NDF :384637.6/8

131.501+/-0.034 χ^2/NDF : 472457.0/14

123.566+/-0.032 χ^2/NDF : 606404.1/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -7.267 ± 10.180 χ^2/NDF : 0.9/4

Left Out: -7.303 ± 7.391 χ^2/NDF : 18.4/9

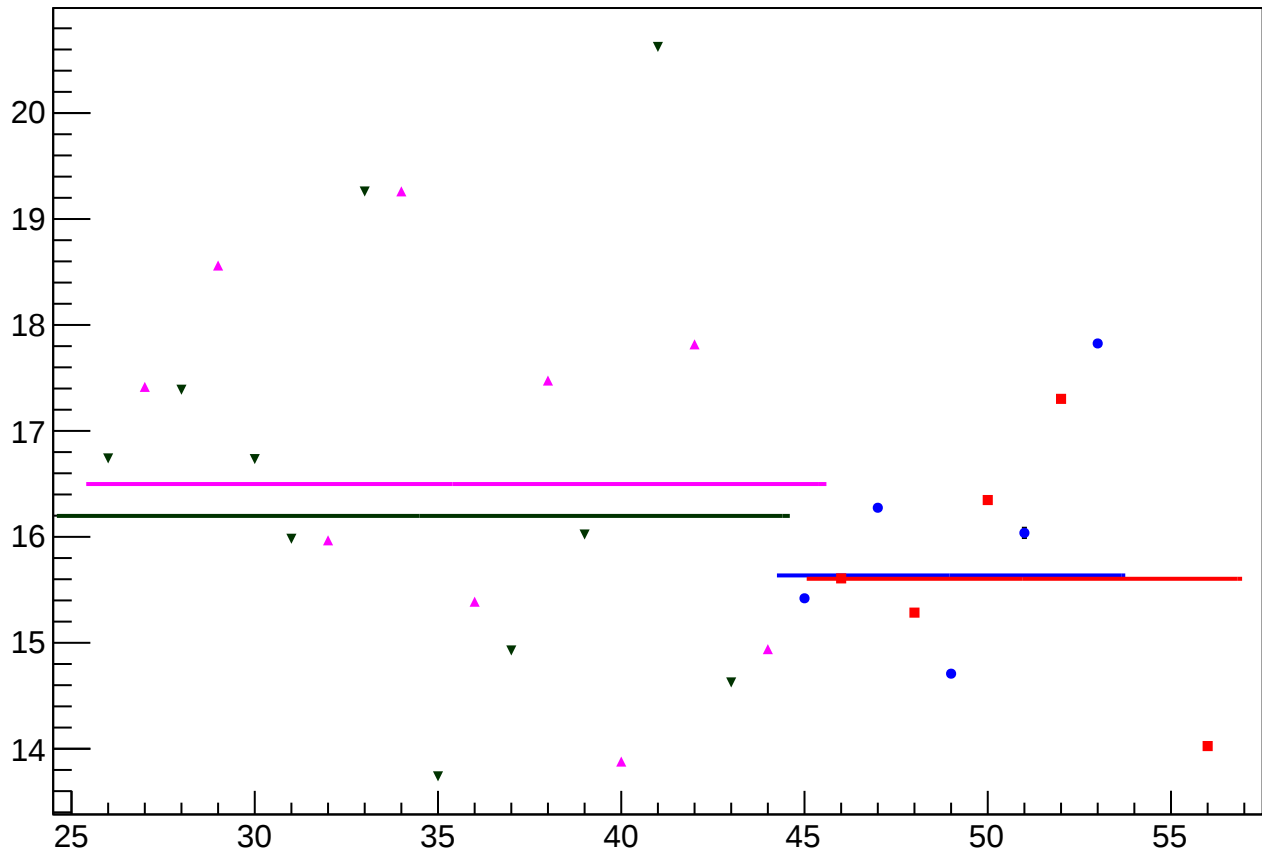
Right Out: 7.779 ± 10.332 χ^2/NDF : 4.6/4

Left In: 7.338 ± 7.251 χ^2/NDF : 11.1/8

-7.290 ± 5.981 χ^2/NDF : 19.4/14

7.484 ± 5.935 χ^2/NDF : 15.6/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.636+/-0.007 χ^2/NDF : 23119.7/4

Left Out: 16.198+/-0.005 χ^2/NDF :126492.9/9

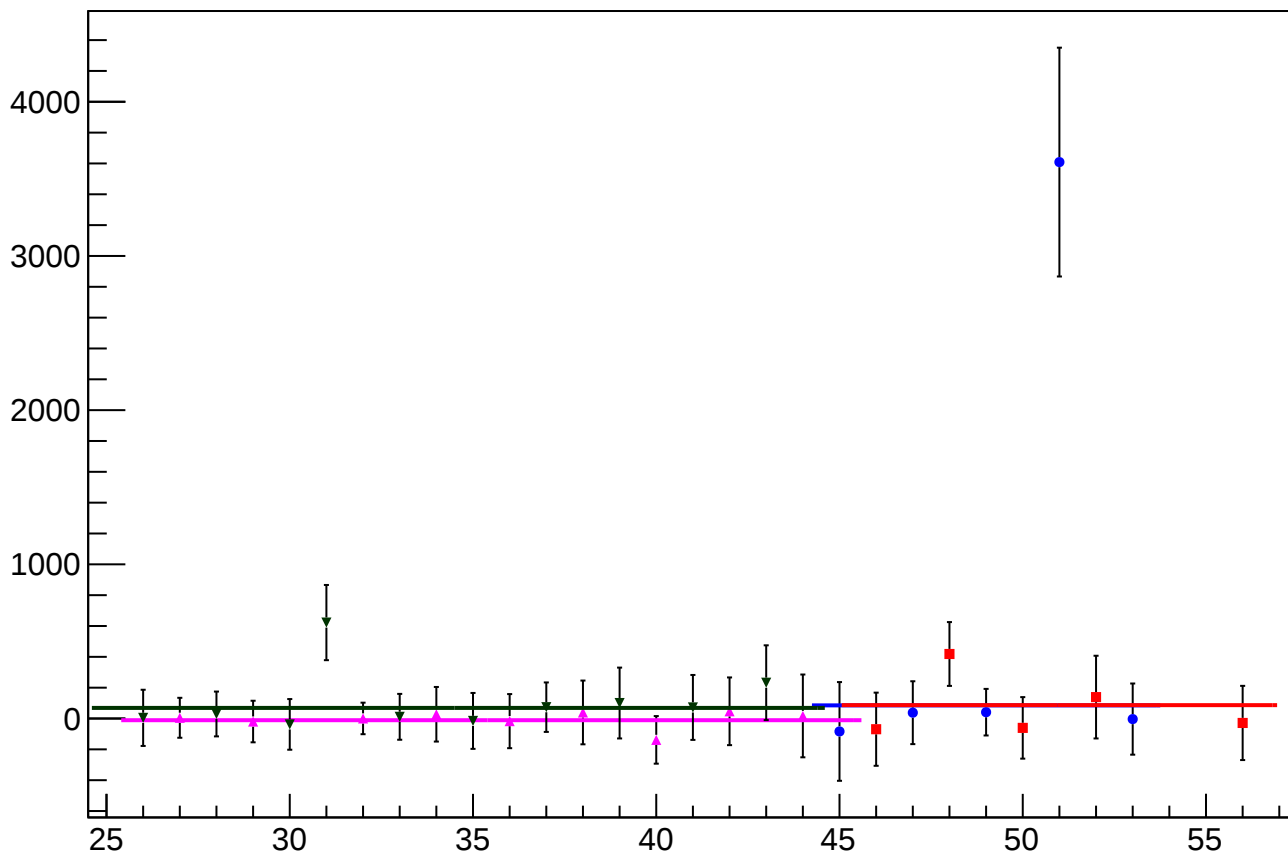
16.004+/-0.004 χ^2/NDF : 153601.7/14

Right Out: 15.604+/-0.007 χ^2/NDF : 24473.2/4

16.203+/-0.004 χ^2/NDF : 137369.3/13

Left In: 16.499+/-0.005 χ^2/NDF :102858.3/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 85.263+/-100.892 χ^2/NDF : 23.1/4

Left Out: 68.786+/-57.328 χ^2/NDF : 6.6/9

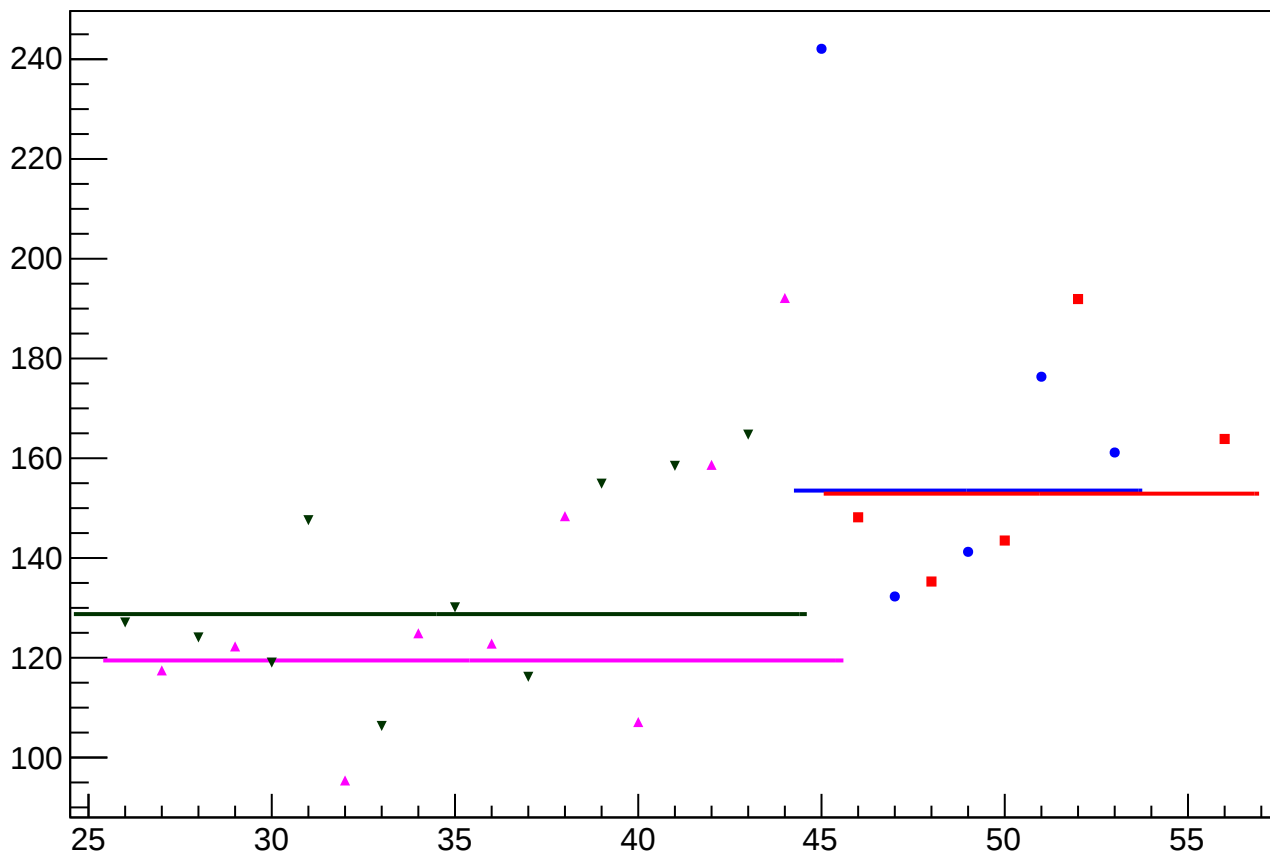
Right Out: 86.729+/-101.327 χ^2/NDF : 3.8/4

Left In: -10.941+/-51.660 χ^2/NDF : 0.9/8

72.807+/-49.844 χ^2/NDF : 29.7/14

9.209+/-46.024 χ^2/NDF : 5.5/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 153.518 ± 0.071 χ^2/NDF : 192090.7/4

Left Out: 128.755 ± 0.041 χ^2/NDF : 188808.0/9

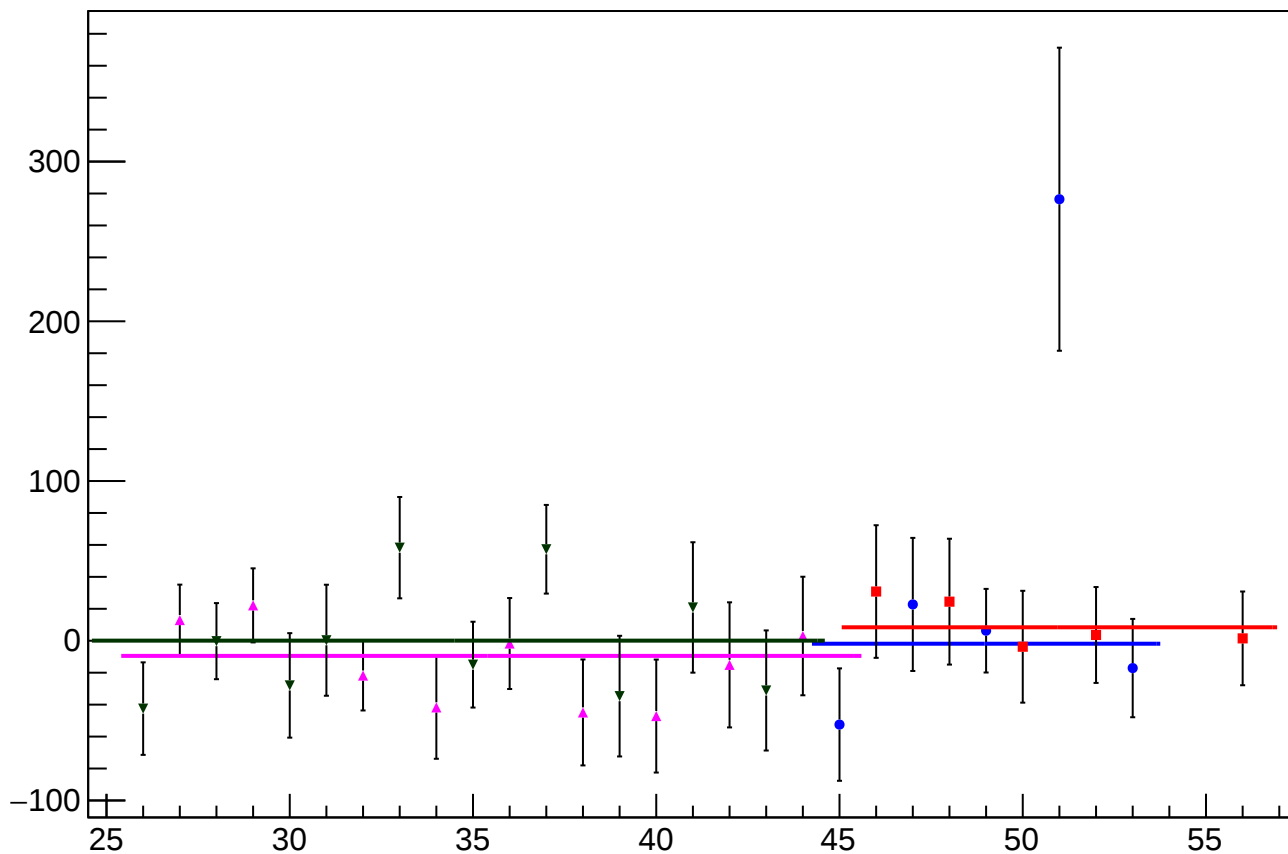
Right Out: 152.903 ± 0.072 χ^2/NDF : 66195.5/4

Left In: 119.459 ± 0.037 χ^2/NDF : 377012.5/8

134.799 ± 0.035 χ^2/NDF : 471972.2/14

126.359 ± 0.033 χ^2/NDF : 616131.3/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.863 ± 15.793 $\chi^2/\text{NDF}: 11.4/4$

Left Out: 0.067 ± 9.805 $\chi^2/\text{NDF}: 12.6/9$

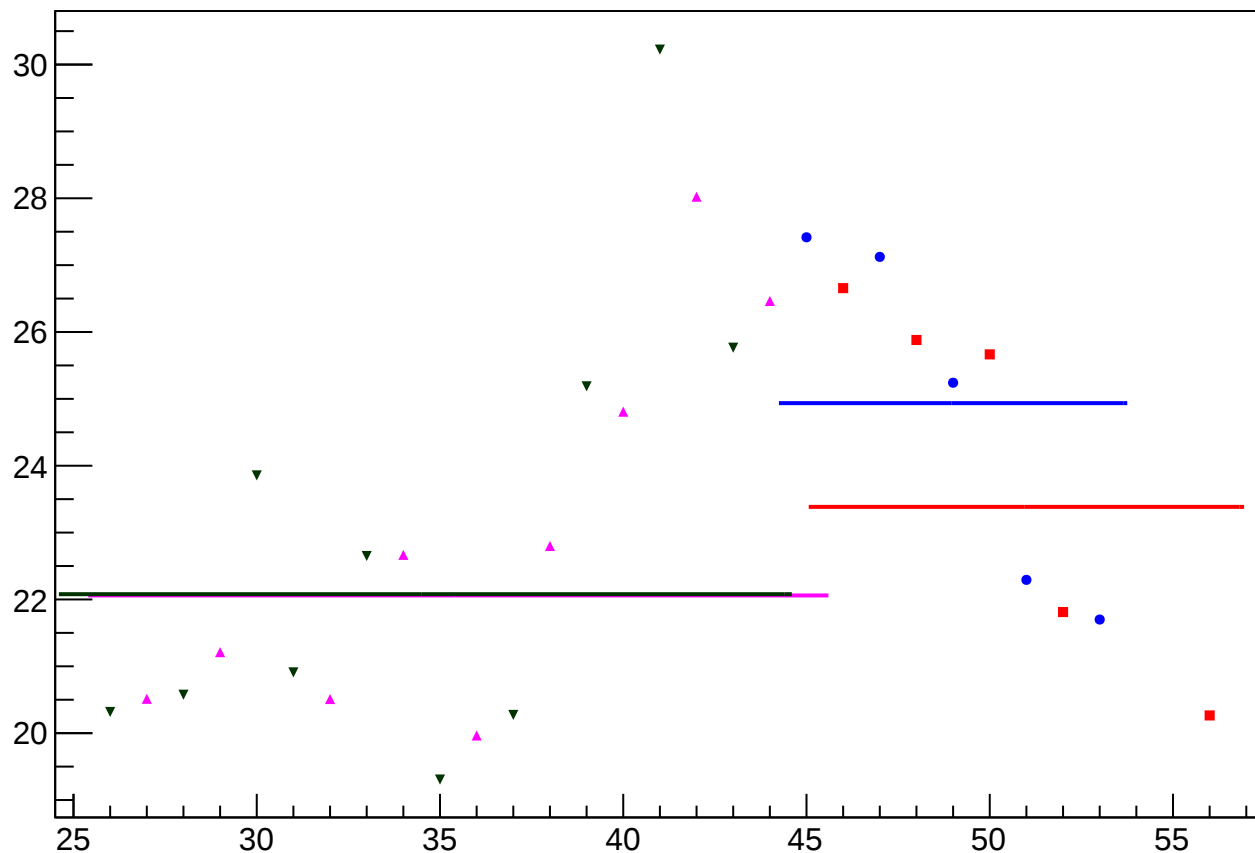
Right Out: 8.422 ± 15.229 $\chi^2/\text{NDF}: 0.7/4$

Left In: -9.482 ± 9.418 $\chi^2/\text{NDF}: 6.7/8$

-0.470 ± 8.330 $\chi^2/\text{NDF}: 24.0/14$

-4.529 ± 8.010 $\chi^2/\text{NDF}: 8.3/13$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 24.936 $\pm$ 0.011 χ^2/NDF : 39384.1/4

Left Out: 22.079 $\pm$ 0.007 χ^2/NDF : 166332.3/9

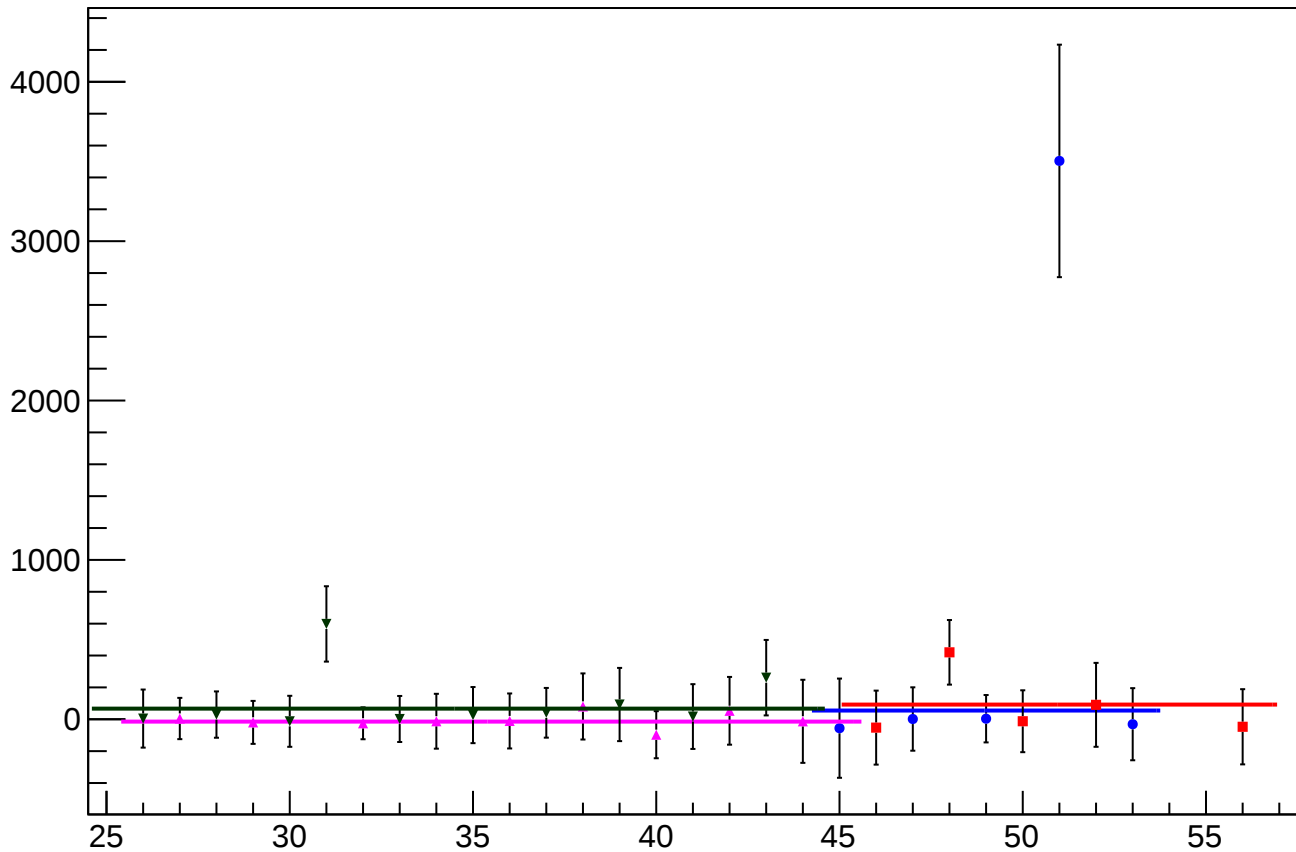
Right Out: 23.385 $\pm$ 0.011 χ^2/NDF : 57030.7/4

Left In: 22.060 $\pm$ 0.007 χ^2/NDF : 121609.5/8

22.874 $\pm$ 0.006 χ^2/NDF : 252973.5/14

22.426 $\pm$ 0.006 χ^2/NDF : 189586.9/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 54.766+/-98.887 χ^2/NDF : 22.8/4

Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

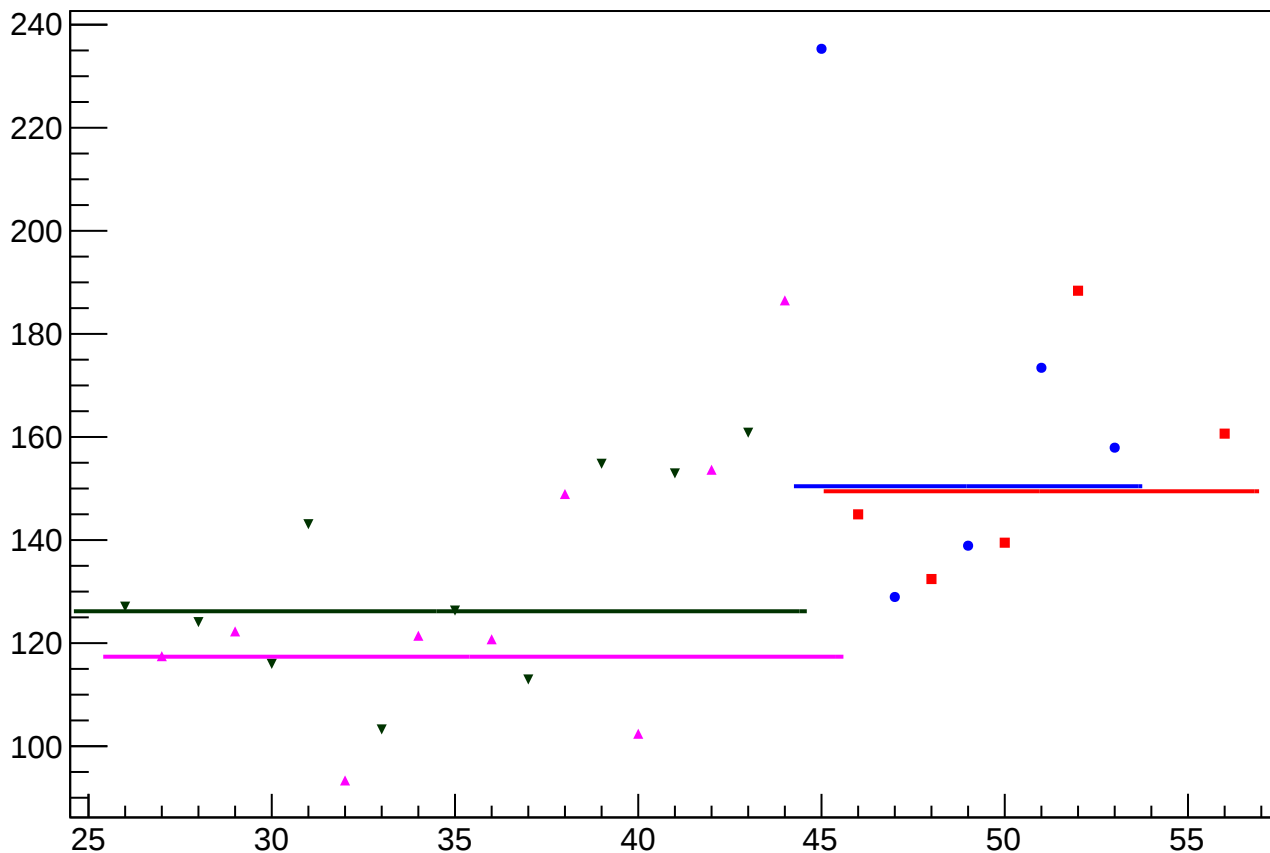
Right Out: 92.160+/-99.108 χ^2/NDF : 3.6/4

Left In: -14.653+/-50.783 χ^2/NDF : 0.7/8

63.852+/-48.860 χ^2/NDF : 29.3/14

7.559+/-45.195 χ^2/NDF : 5.2/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 150.442 $\pm$ 0.070 χ^2 /NDF: 188227.5/4

Left Out: 126.184 $\pm$ 0.040 χ^2 /NDF: 192128.0/9

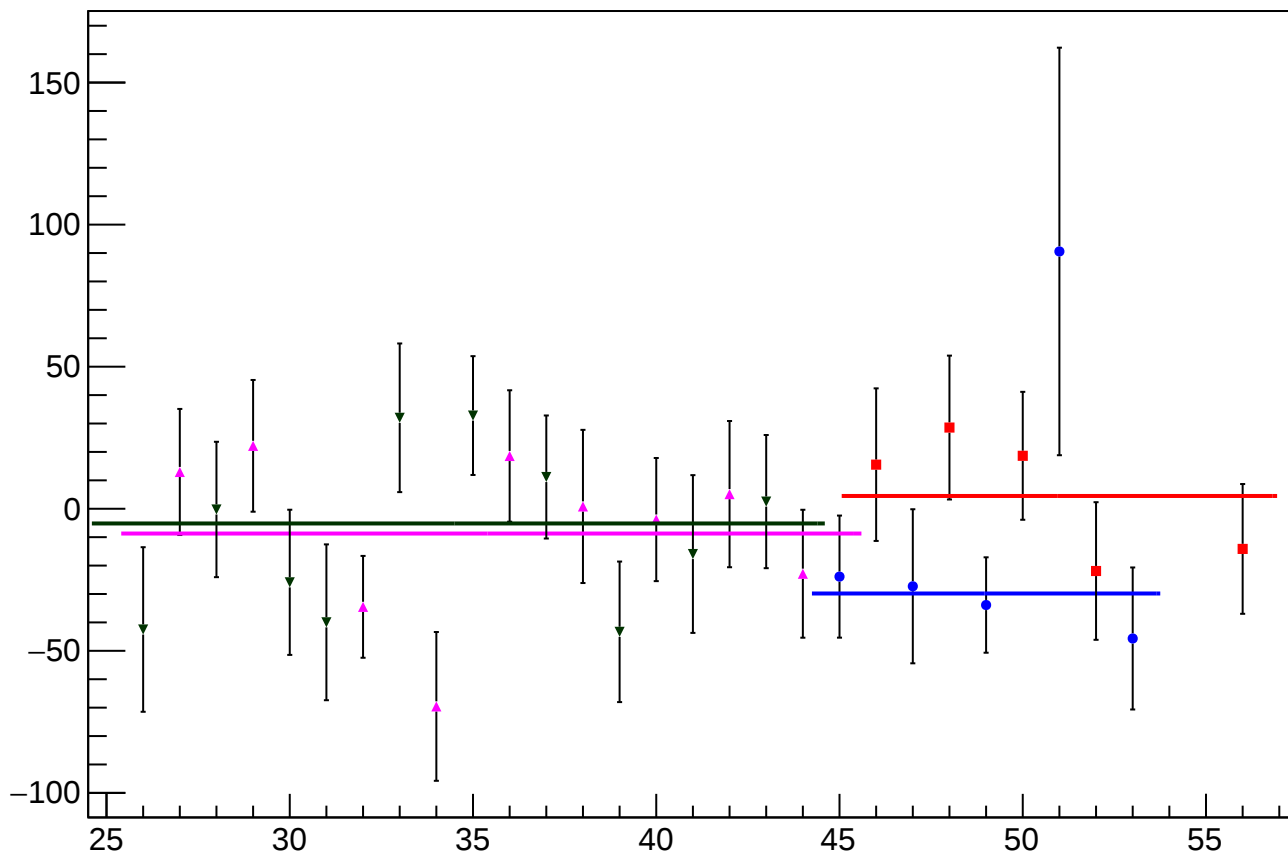
Right Out: 149.466 $\pm$ 0.070 χ^2 /NDF: 68310.7/4

Left In: 117.367 $\pm$ 0.036 χ^2 /NDF: 385462.1/8

132.106 $\pm$ 0.035 χ^2 /NDF: 471334.0/14

124.042 $\pm$ 0.032 χ^2 /NDF: 619937.8/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -29.824 ± 10.618 χ^2/NDF : 3.4/4

Left Out: -5.176 ± 7.796 χ^2/NDF : 12.5/9

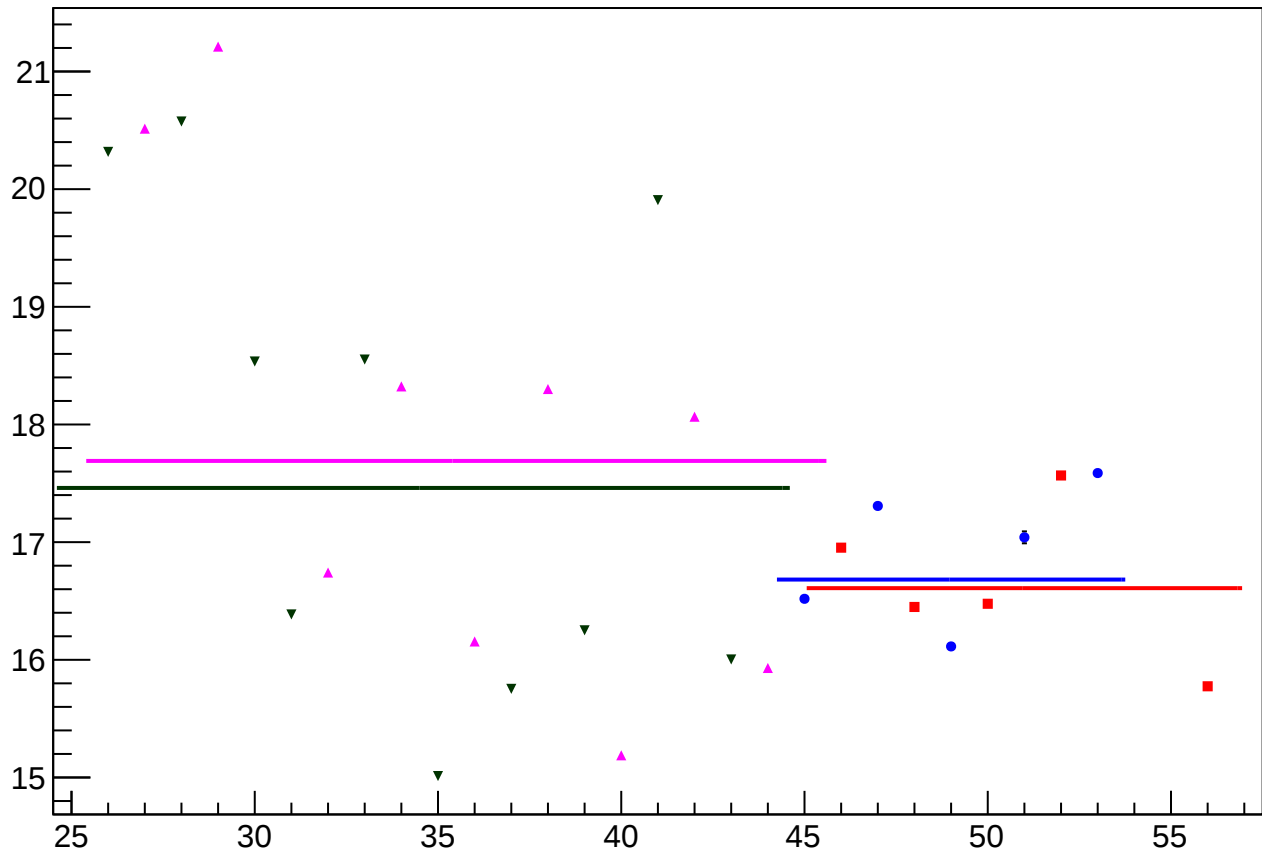
Right Out: 4.499 ± 10.819 χ^2/NDF : 3.3/4

Left In: -8.720 ± 7.598 χ^2/NDF : 12.5/8

-13.810 ± 6.284 χ^2/NDF : 19.4/14

-4.354 ± 6.218 χ^2/NDF : 16.8/13

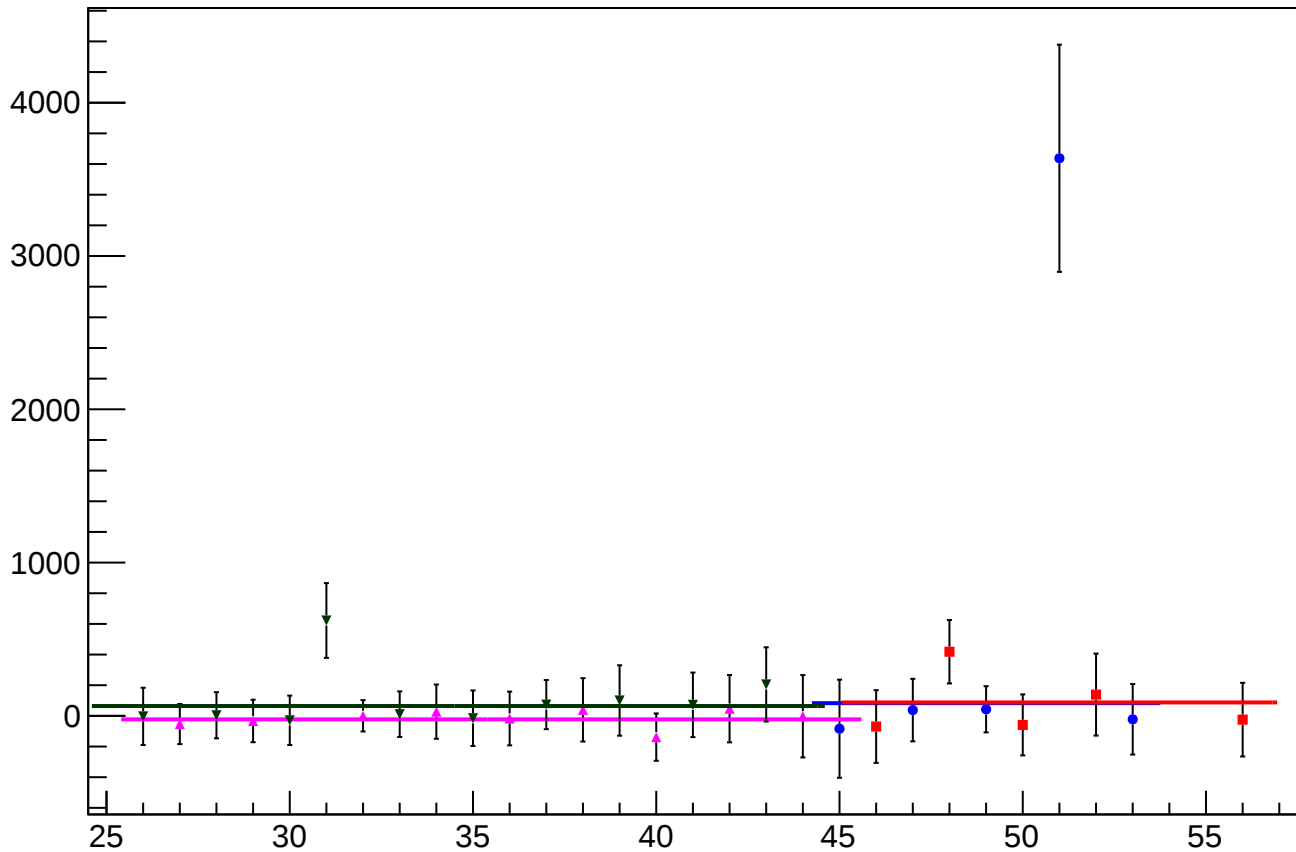
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.682 $\pm$ 0.008 χ^2 /NDF: 6145.4/4
 Left Out: 17.461 $\pm$ 0.006 χ^2 /NDF:131638.1/9
 Right Out: 16.609 $\pm$ 0.008 χ^2 /NDF: 6272.8/4
 Left In: 17.690 $\pm$ 0.005 χ^2 /NDF:134444.8/8

17.188 $\pm$ 0.004 χ^2 /NDF: 144772.6/14
 17.333 $\pm$ 0.004 χ^2 /NDF: 154096.8/13

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 83.012 $\pm$ 100.715 χ^2 /NDF: 23.6/4

Left Out: 64.255 $\pm$ 57.630 χ^2 /NDF: 6.5/9

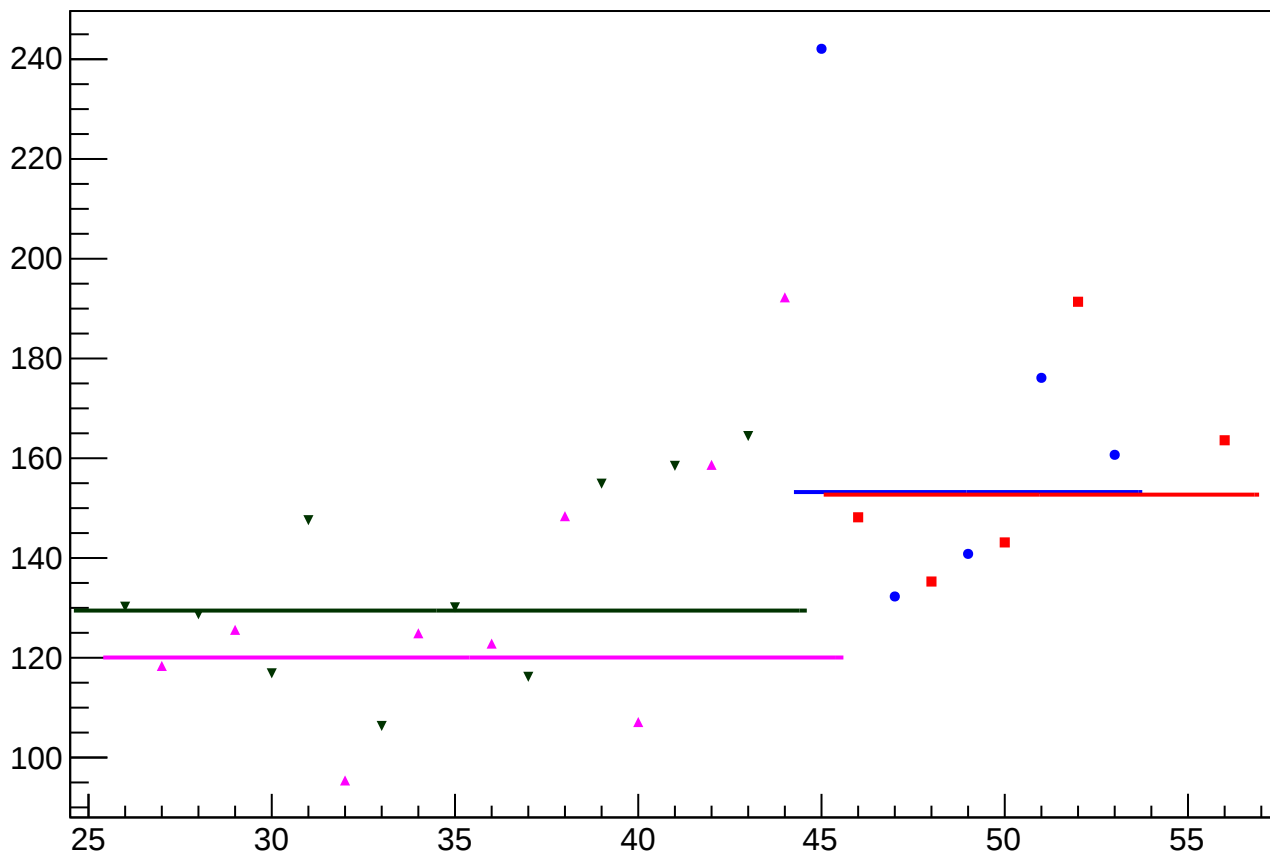
Right Out: 87.732 $\pm$ 101.188 χ^2 /NDF: 3.8/4

Left In: -22.721 $\pm$ 51.941 χ^2 /NDF: 1.0/8

68.882 $\pm$ 50.020 χ^2 /NDF: 30.2/14

0.313 $\pm$ 46.209 χ^2 /NDF: 5.7/13

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 153.222 $\pm$ 0.071 χ^2 /NDF: 192770.9/4

Left Out: 129.462 $\pm$ 0.041 χ^2 /NDF: 189687.2/9

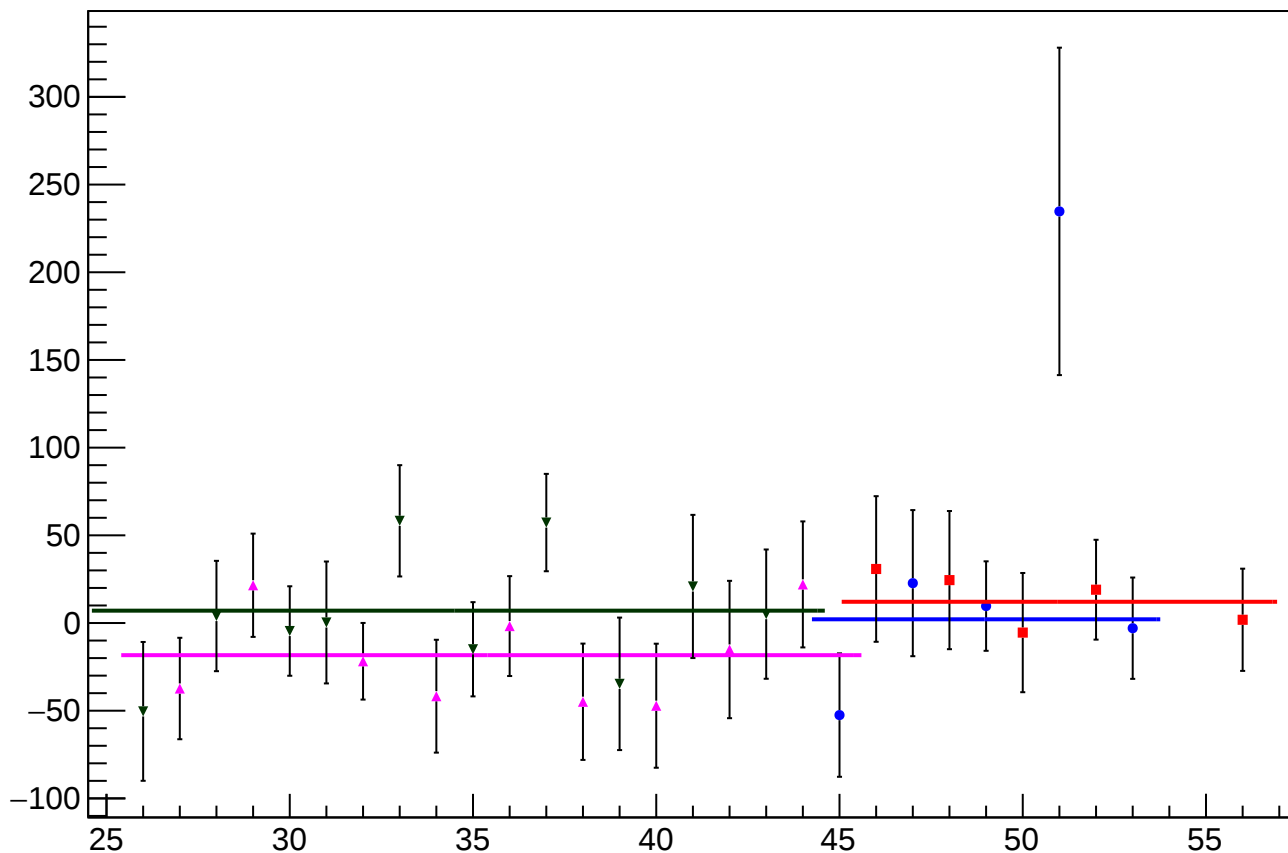
Right Out: 152.705 $\pm$ 0.072 χ^2 /NDF: 65457.5/4

Left In: 120.052 $\pm$ 0.037 χ^2 /NDF: 379795.5/8

135.323 $\pm$ 0.035 χ^2 /NDF: 466315.0/14

126.862 $\pm$ 0.033 χ^2 /NDF: 610086.8/13

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 2.117 $\pm$ 15.370 χ^2 /NDF: 9.0/4

Left Out: 7.046 $\pm$ 10.139 χ^2 /NDF: 10.2/9

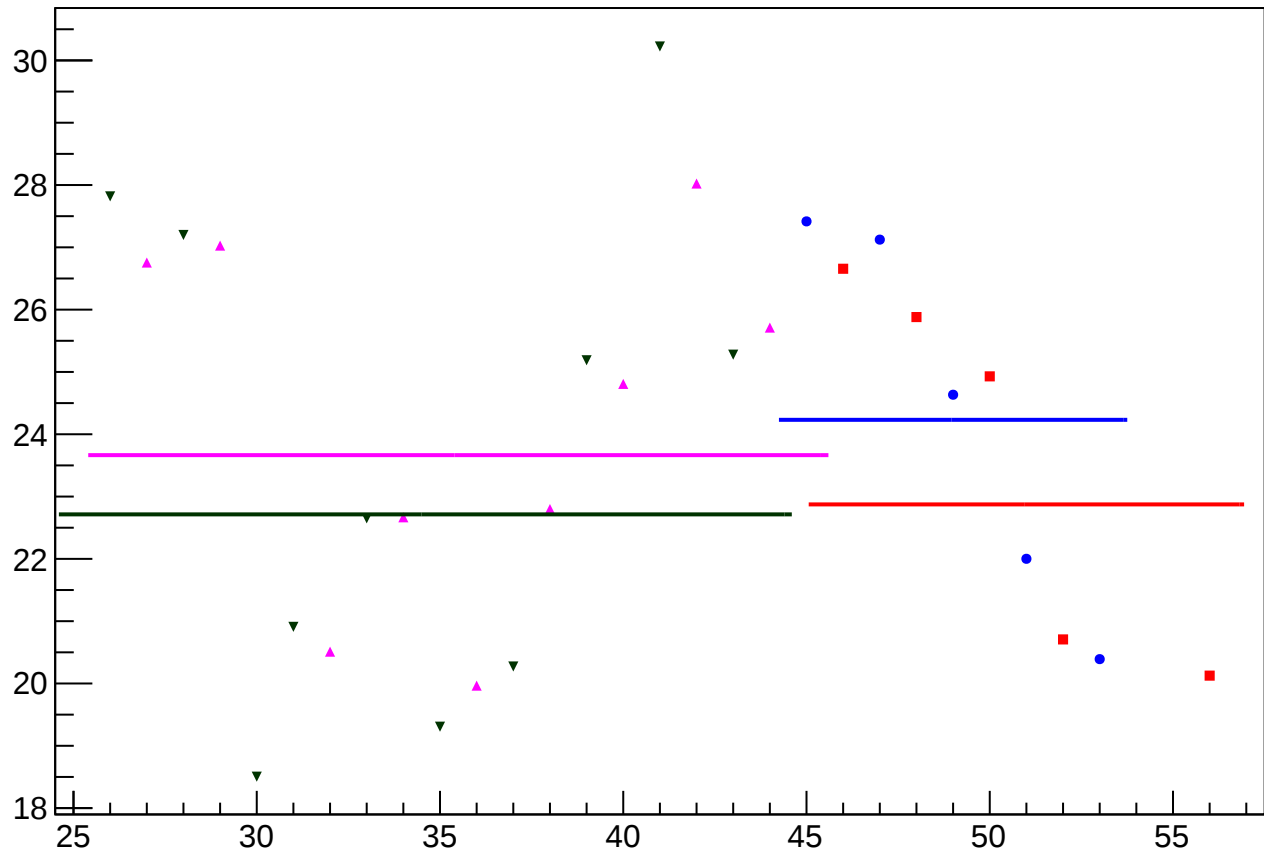
Right Out: 12.114 $\pm$ 14.904 χ^2 /NDF: 0.8/4

Left In: -18.334 $\pm$ 10.112 χ^2 /NDF: 5.7/8

5.552 $\pm$ 8.464 χ^2 /NDF: 19.3/14

-8.735 $\pm$ 8.368 χ^2 /NDF: 9.3/13

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 24.232 $\pm$ 0.011 χ^2/NDF : 63006.3/4

Left Out: 22.714 $\pm$ 0.007 χ^2/NDF : 267334.5/9

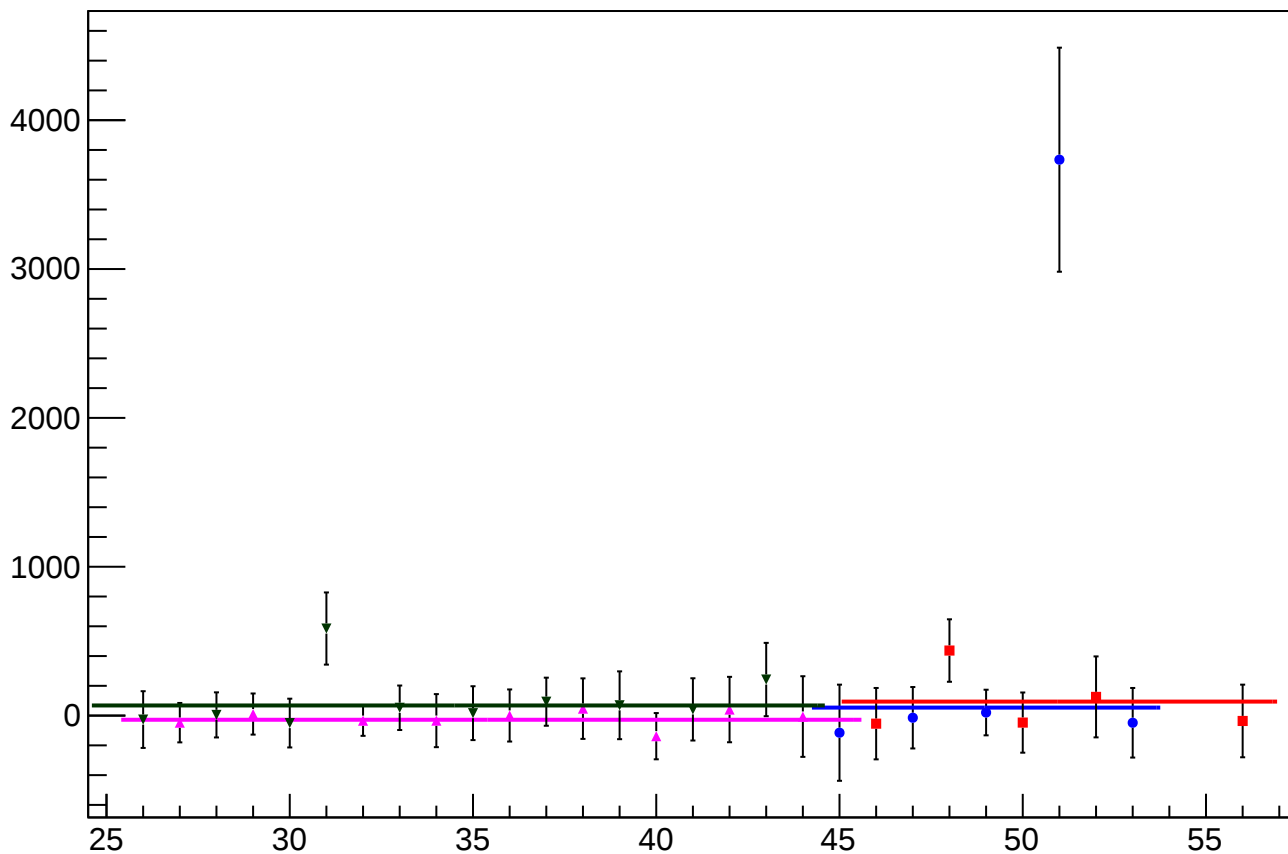
Right Out: 22.874 $\pm$ 0.011 χ^2/NDF : 64939.8/4

Left In: 23.665 $\pm$ 0.007 χ^2/NDF : 161021.9/8

23.174 $\pm$ 0.006 χ^2/NDF : 343924.7/14

23.416 $\pm$ 0.006 χ^2/NDF : 229816.1/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 53.771 ± 102.205 χ^2/NDF : 24.5/4

Left Out: 68.060 ± 57.959 χ^2/NDF : 6.1/9

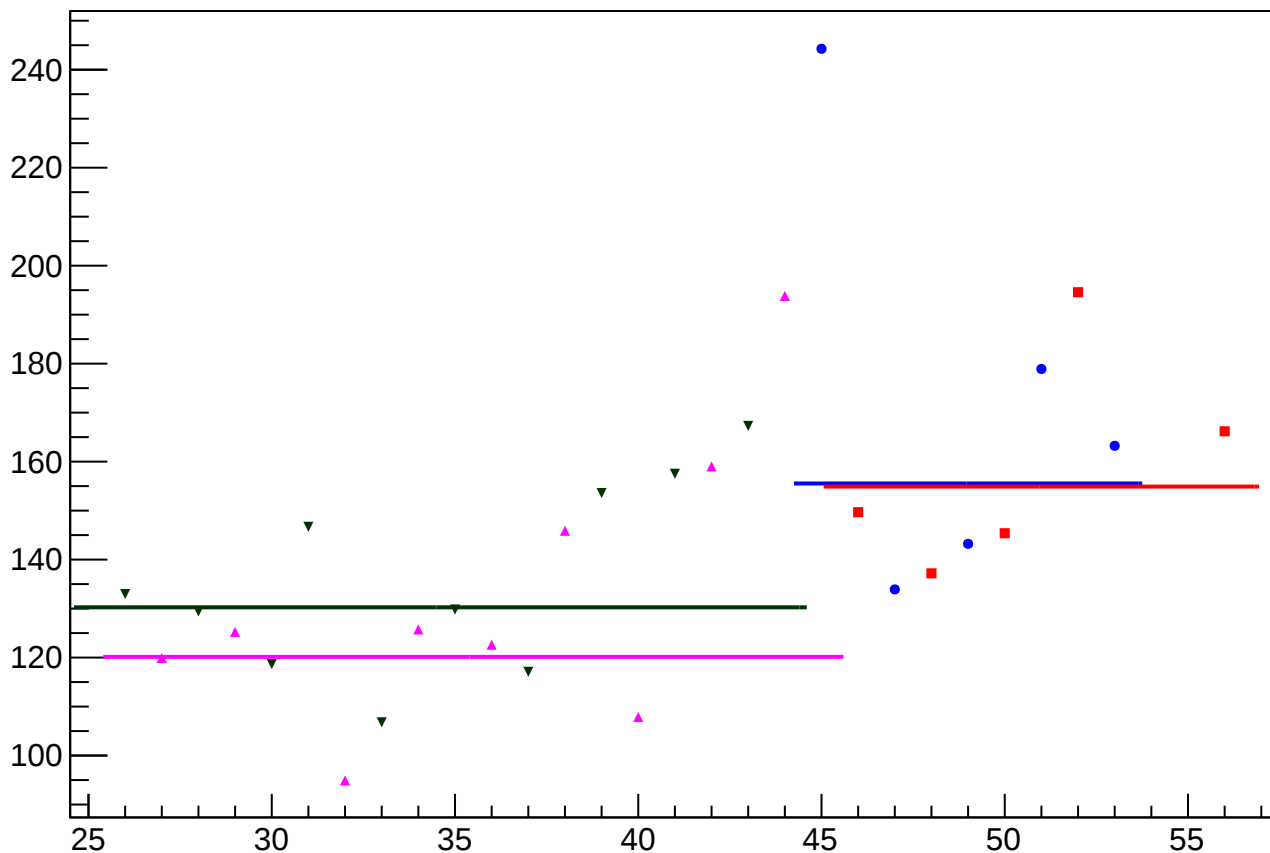
Right Out: 94.074 ± 102.667 χ^2/NDF : 3.8/4

Left In: -27.981 ± 51.982 χ^2/NDF : 0.9/8

64.583 ± 50.416 χ^2/NDF : 30.7/14

-3.076 ± 46.376 χ^2/NDF : 5.8/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 155.537 $\pm$ 0.072 χ^2 /NDF: 189955.7/4

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF: 182492.6/9

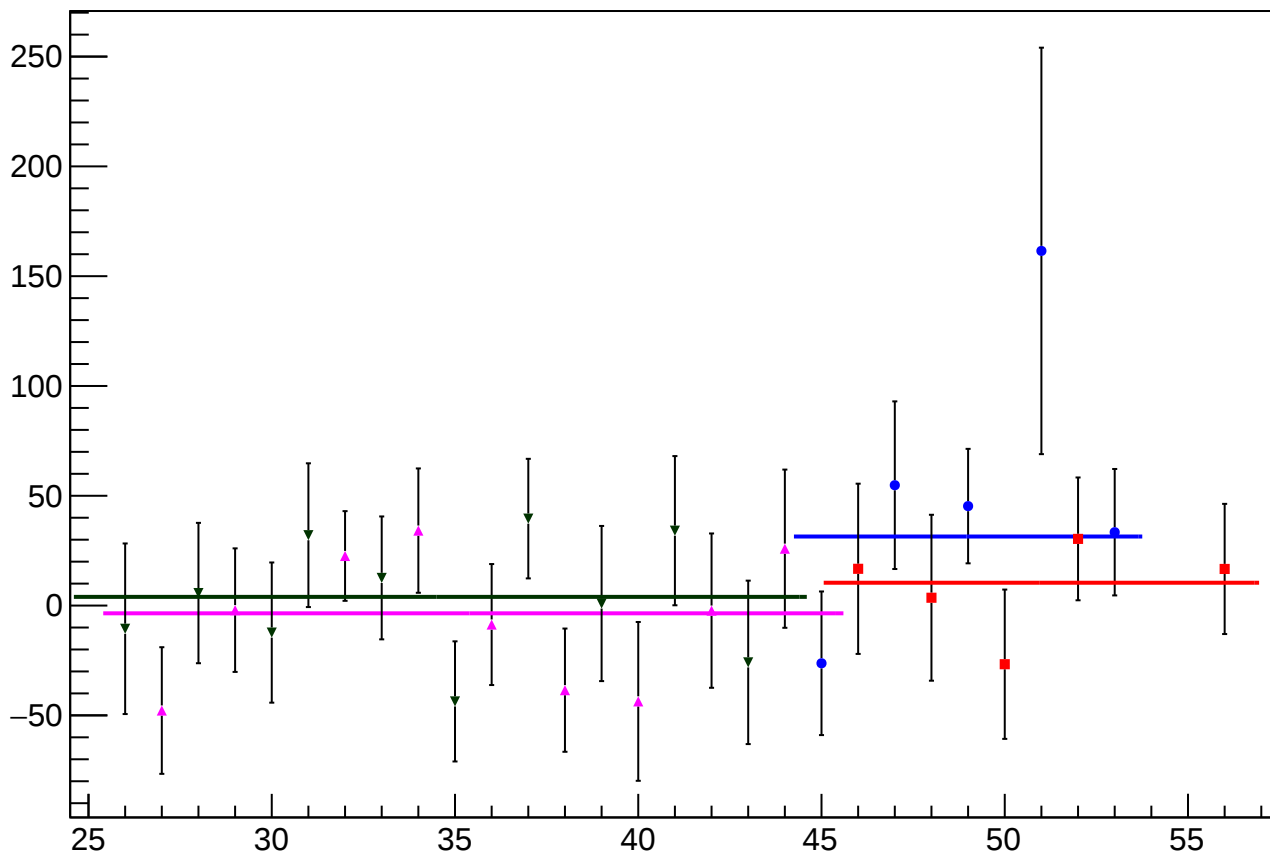
Right Out: 154.904 $\pm$ 0.073 χ^2 /NDF: 66469.5/4

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF: 383181.0/8

136.409 $\pm$ 0.036 χ^2 /NDF: 465028.5/14

127.237 $\pm$ 0.033 χ^2 /NDF: 632124.5/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 31.447 $\pm$ 15.047 χ^2 /NDF: 5.8/4

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

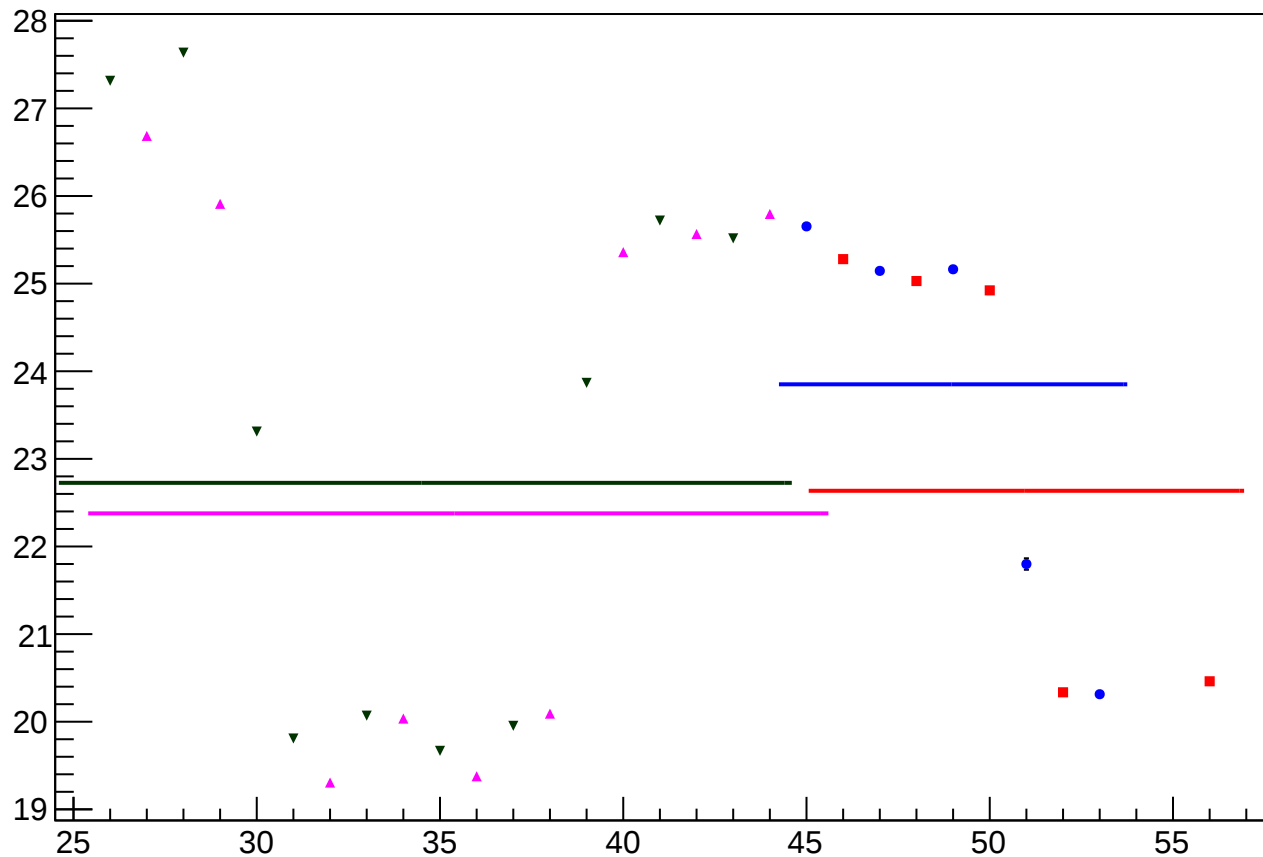
Right Out: 10.399 $\pm$ 14.667 χ^2 /NDF: 1.8/4

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

12.435 $\pm$ 8.355 χ^2 /NDF: 15.5/14

0.597 $\pm$ 7.983 χ^2 /NDF: 11.7/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.851+/-0.011 χ^2/NDF : 44625.3/4

Left Out: 22.726+/-0.007 χ^2/NDF :184323.0/9

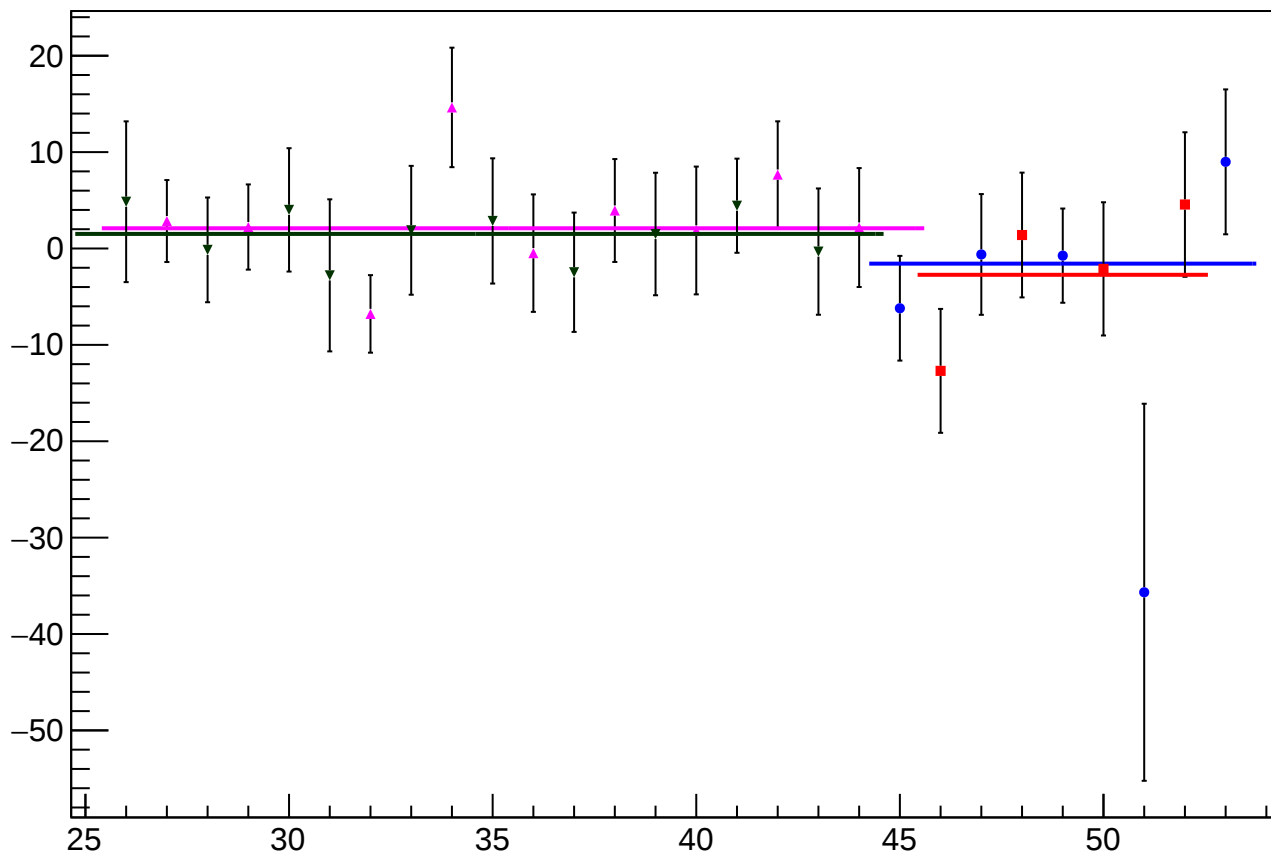
Right Out: 22.636+/-0.010 χ^2/NDF : 50682.7/4

Left In: 22.378+/-0.007 χ^2/NDF :220187.8/8

23.073+/-0.006 χ^2/NDF : 236673.8/14

22.454+/-0.006 χ^2/NDF : 271306.0/13

diff_bpm12X_mean vs slug



Right In: -1.572 ± 2.868 χ^2/NDF : 5.8/4

Left Out: 1.512 ± 1.997 χ^2/NDF : 1.6/9

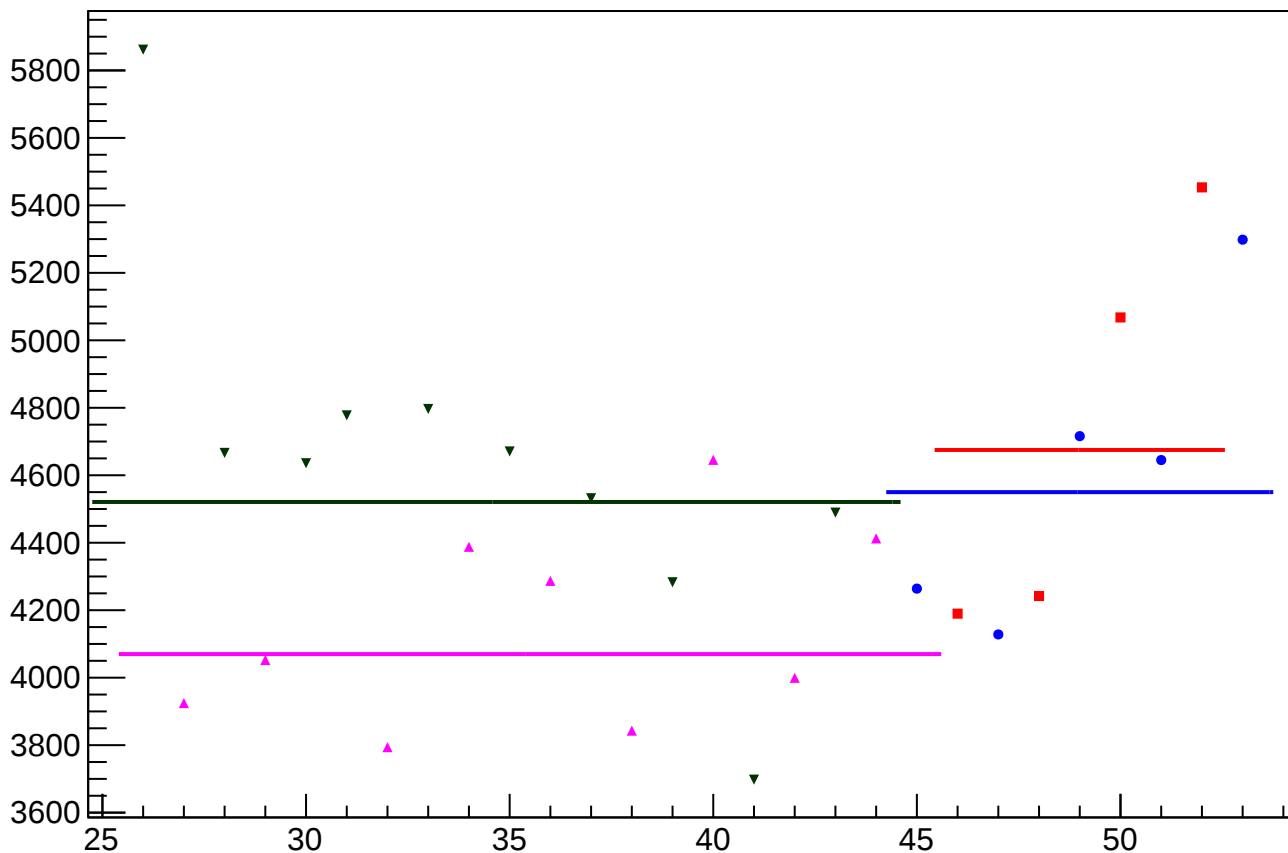
Right Out: -2.731 ± 3.394 χ^2/NDF : 3.8/3

Left In: 2.097 ± 1.720 χ^2/NDF : 10.3/8

0.506 ± 1.639 χ^2/NDF : 8.2/14

1.111 ± 1.534 χ^2/NDF : 15.7/12

diff_bpm12X_rms vs slug



Right In: 4549.992+/-2.028 χ^2/NDF : 36783.4/4

Left Out: 4520.844+/-1.412 χ^2/NDF :119990.0/9

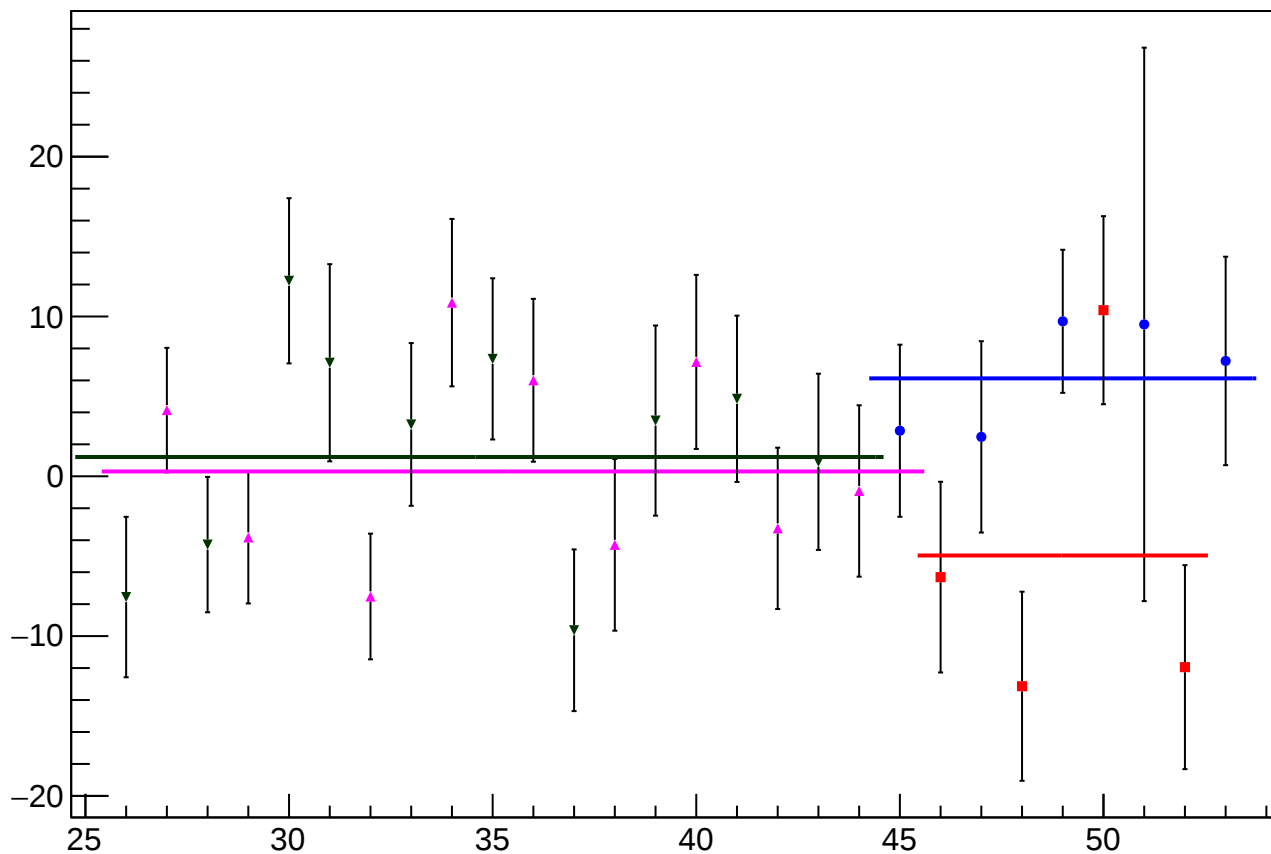
Right Out: 4675.035+/-2.400 χ^2/NDF : 48358.0/3

Left In: 4069.946+/-1.216 χ^2/NDF :44773.6/8

4530.356+/-1.159 χ^2/NDF : 156912.5/14

4193.574+/-1.085 χ^2/NDF : 143706.0/12

diff_bpm12Y_mean vs slug



Right In: 6.127 ± 2.681 $\chi^2/\text{NDF}: 1.4/4$

Left Out: 1.206 ± 1.635 $\chi^2/\text{NDF}: 17.1/9$

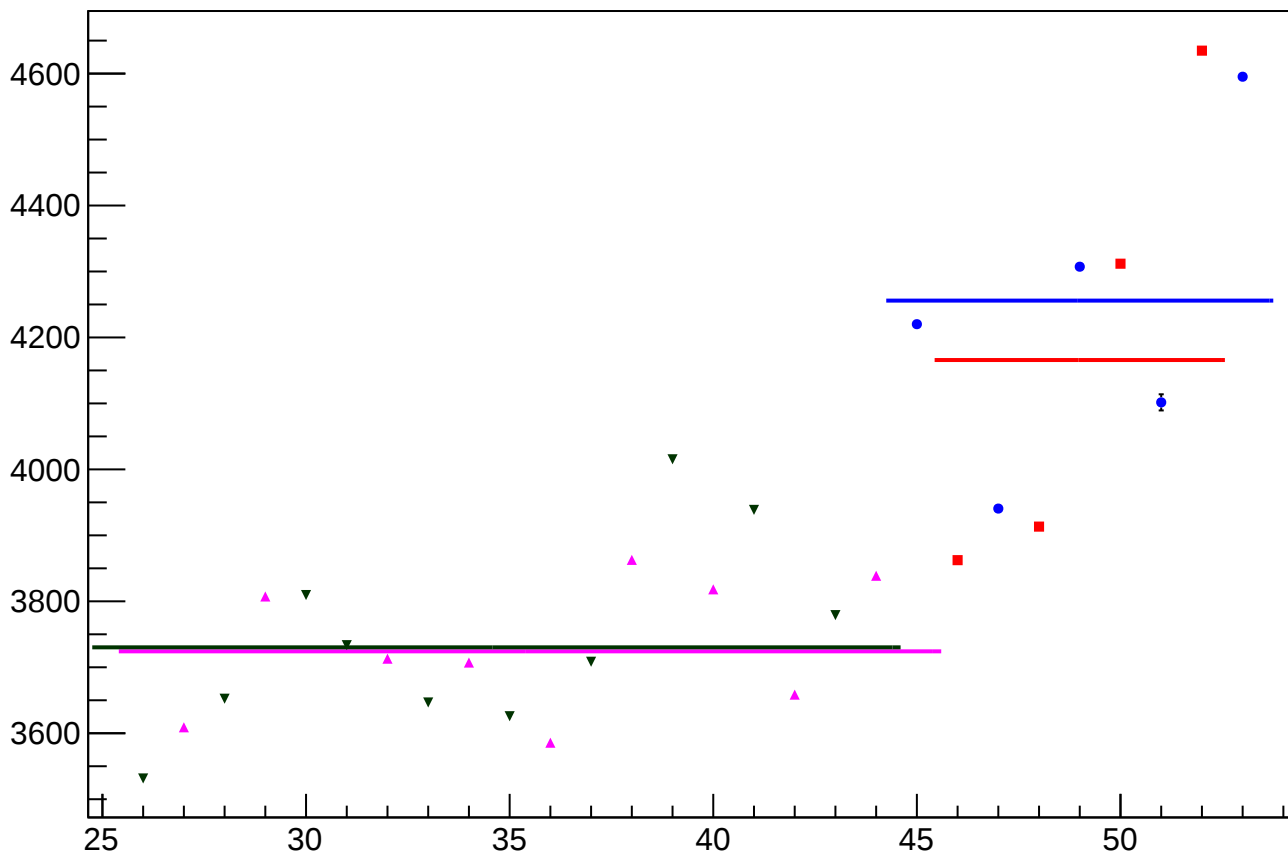
Right Out: -4.957 ± 3.014 $\chi^2/\text{NDF}: 10.0/3$

Left In: 0.303 ± 1.568 $\chi^2/\text{NDF}: 14.1/8$

2.540 ± 1.396 $\chi^2/\text{NDF}: 21.0/14$

-0.818 ± 1.391 $\chi^2/\text{NDF}: 26.5/12$

diff_bpm12Y_rms vs slug



Right In: 4255.861+/-1.896 χ^2/NDF : 11470.5/4

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

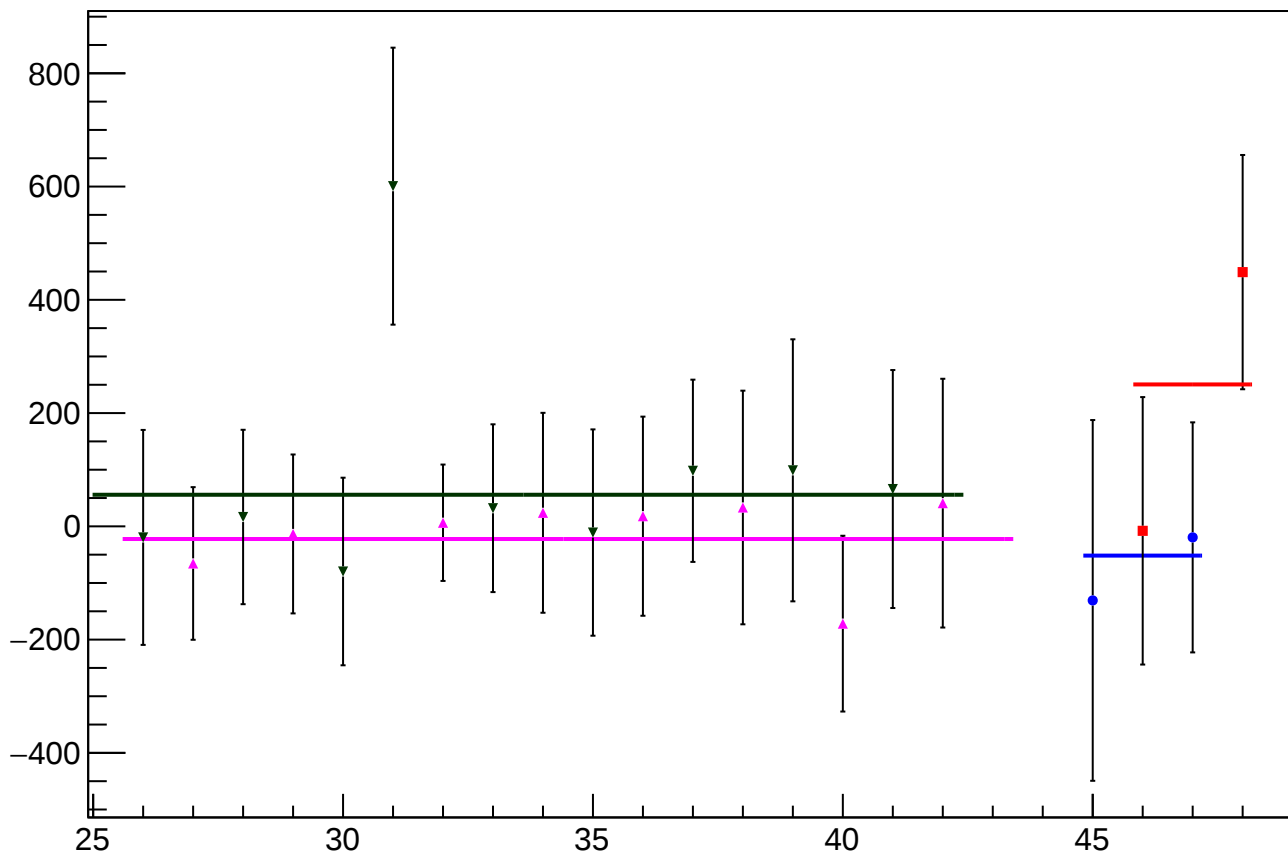
Right Out: 4165.778+/-2.131 χ^2/NDF : 20842.8/3

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3872.710+/-0.987 χ^2/NDF : 81187.8/14

3818.259+/-0.984 χ^2/NDF : 61878.1/12

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 ± 171.258 χ^2/NDF : 0.1/1

Left Out: 55.788 ± 59.892 χ^2/NDF : 6.1/8

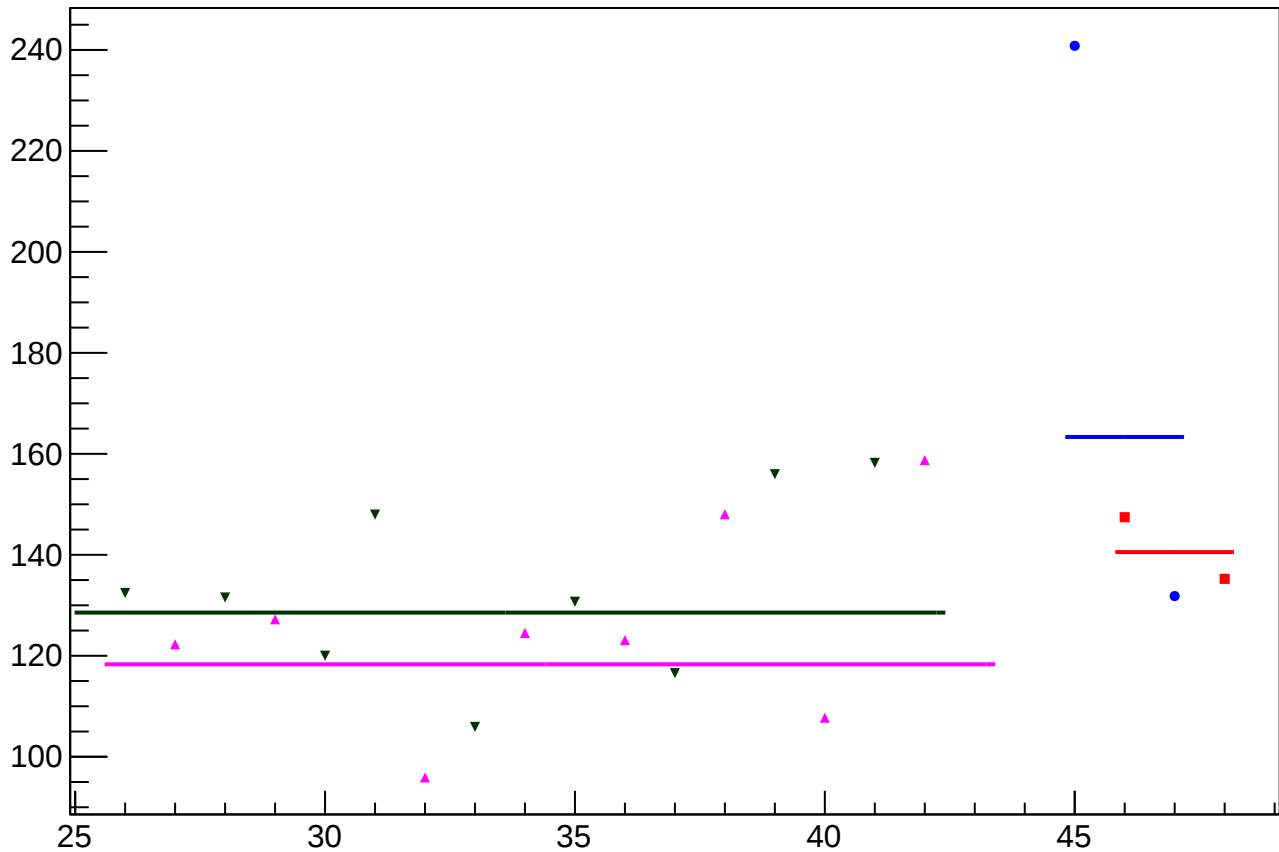
Right Out: 250.594 ± 155.594 χ^2/NDF : 2.1/1

Left In: -22.351 ± 53.393 χ^2/NDF : 1.4/7

44.079 ± 56.535 χ^2/NDF : 6.6/10

6.403 ± 50.502 χ^2/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

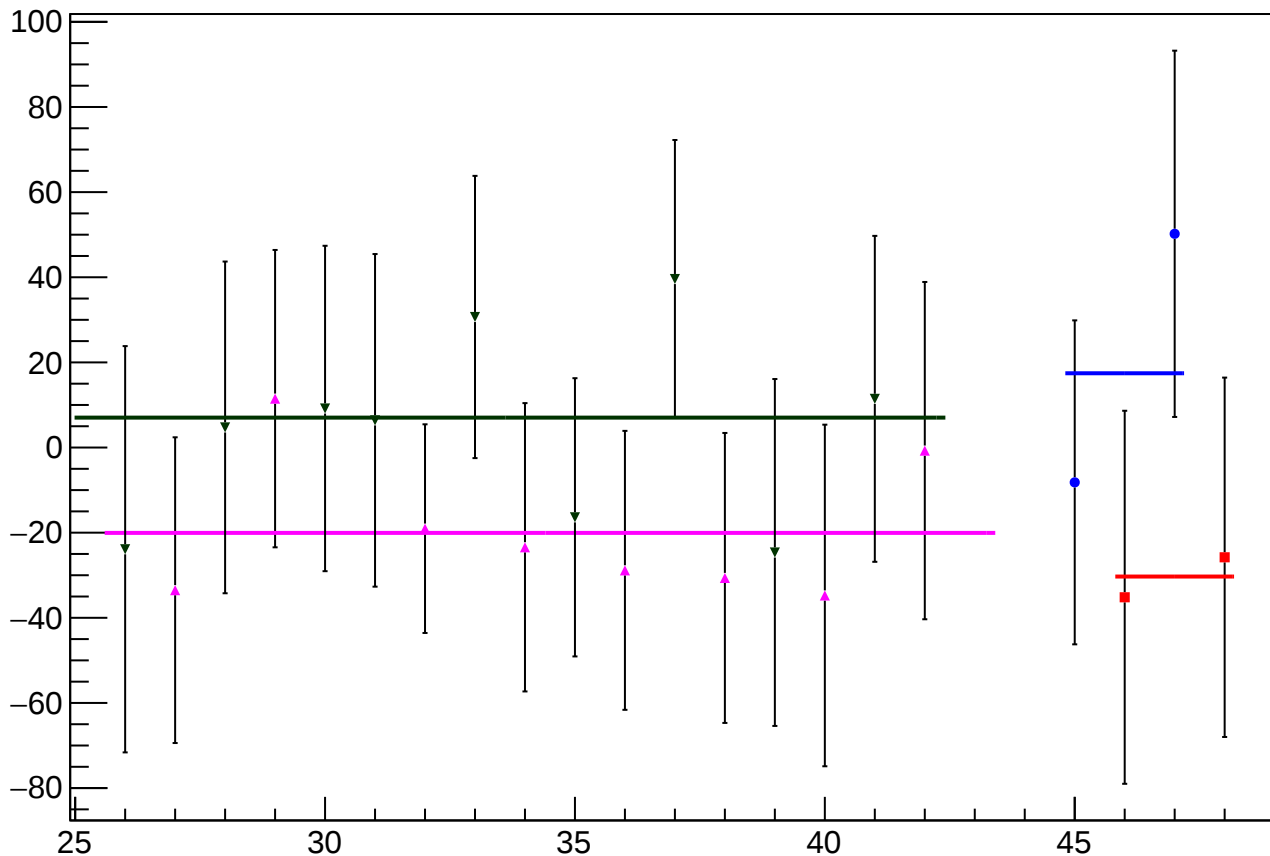
Right Out: 140.541 $\pm$ 0.110 χ^2 /NDF: 3022.7/1

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

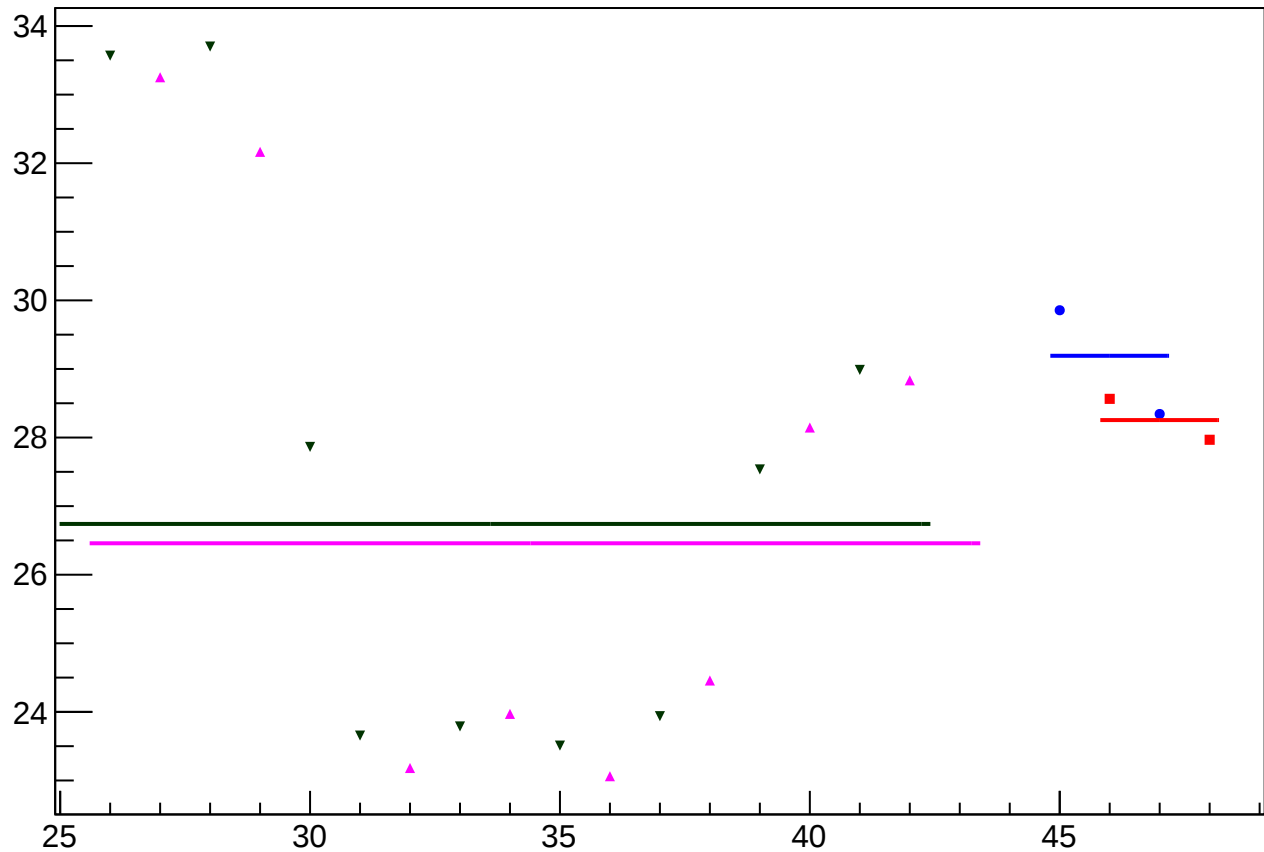
Right Out: -30.306 $\pm$ 30.400 χ^2/NDF : 0.0/1

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±/0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740±/0.009 χ^2/NDF :176771.5/8

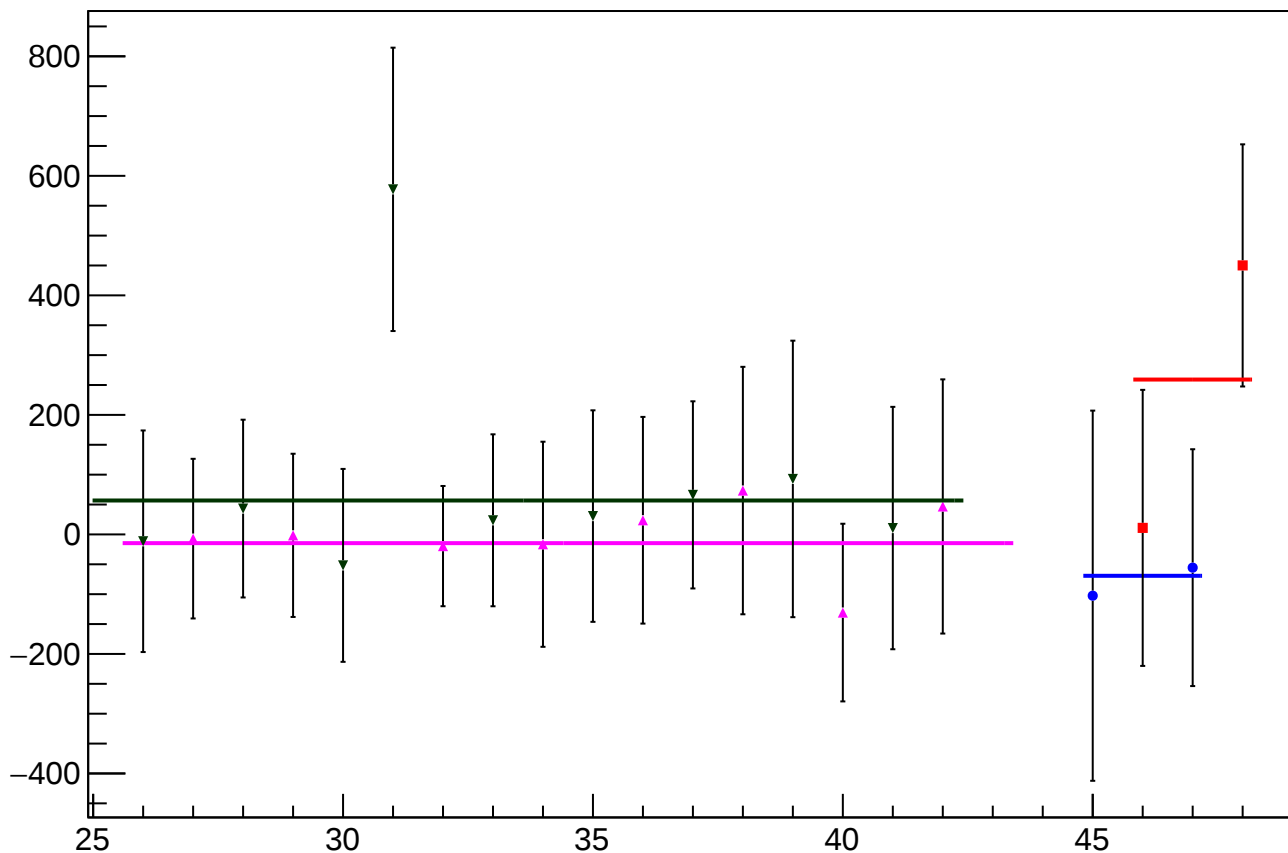
Right Out: 28.255±/0.021 χ^2/NDF : 192.3/1

Left In: 26.458±/0.008 χ^2/NDF :210657.2/7

27.130±/0.008 χ^2/NDF : 190601.8/10

26.693±/0.008 χ^2/NDF : 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 ± 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 ± 58.268 χ^2/NDF : 5.6/8

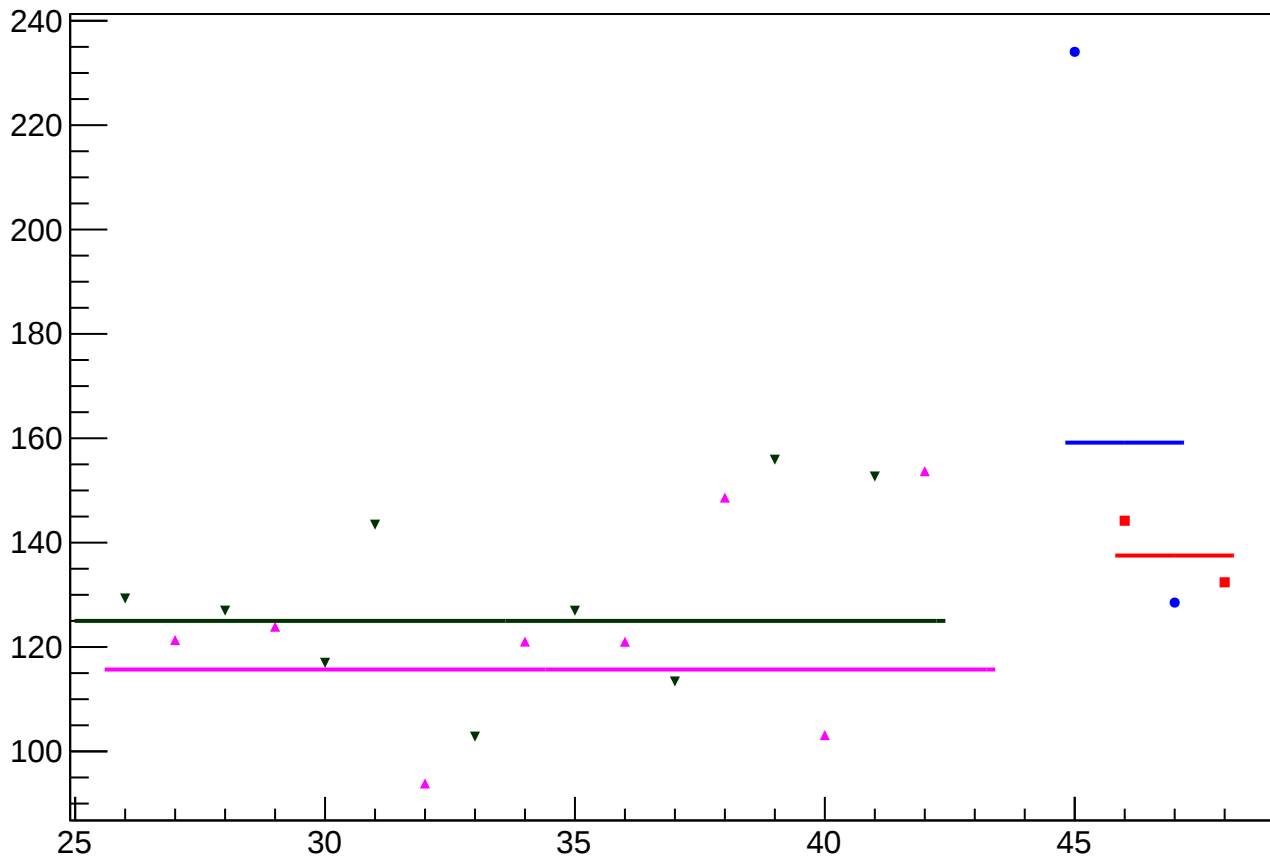
Right Out: 259.134 ± 152.302 χ^2/NDF : 2.0/1

Left In: -14.603 ± 52.227 χ^2/NDF : 0.9/7

43.074 ± 55.012 χ^2/NDF : 6.1/10

14.199 ± 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

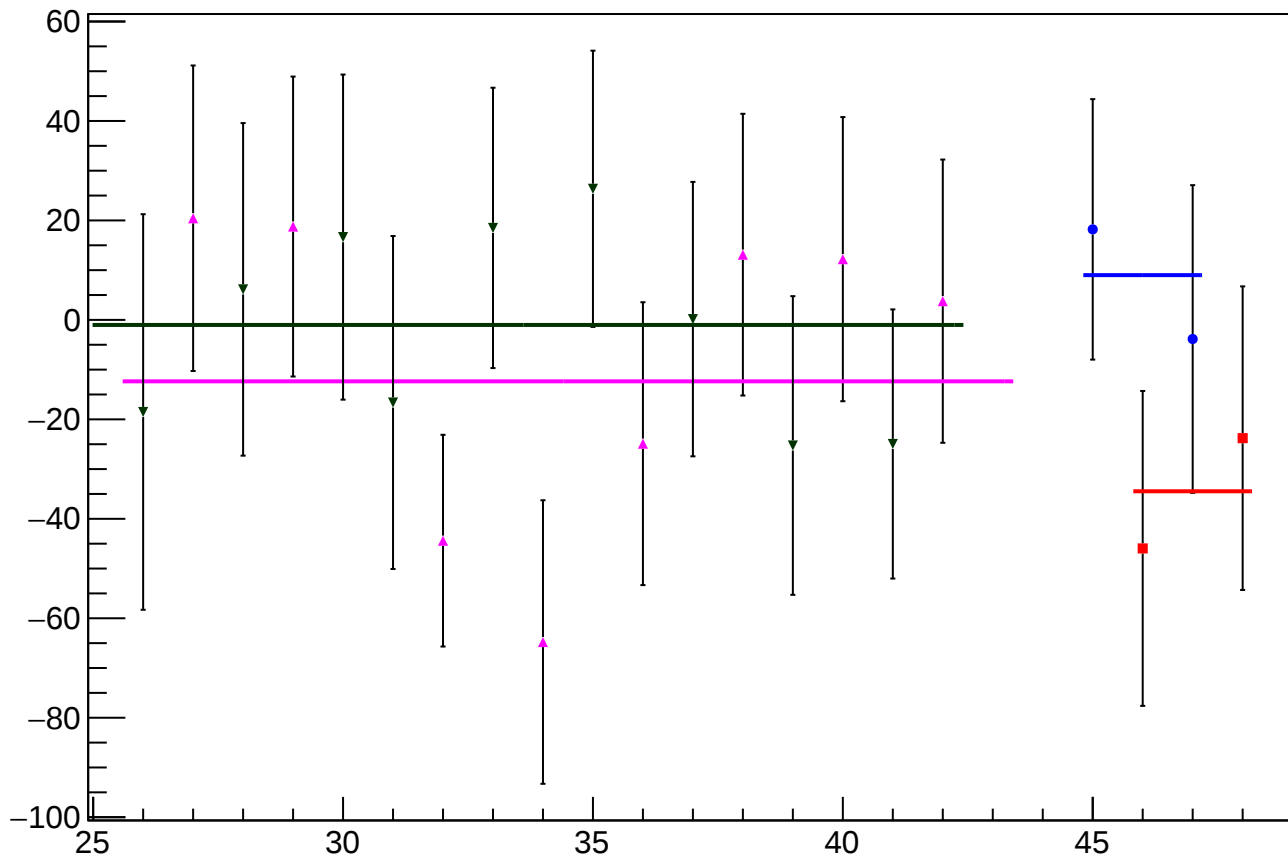
Right Out: 137.529+/-0.108 χ^2/NDF : 2951.2/1

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

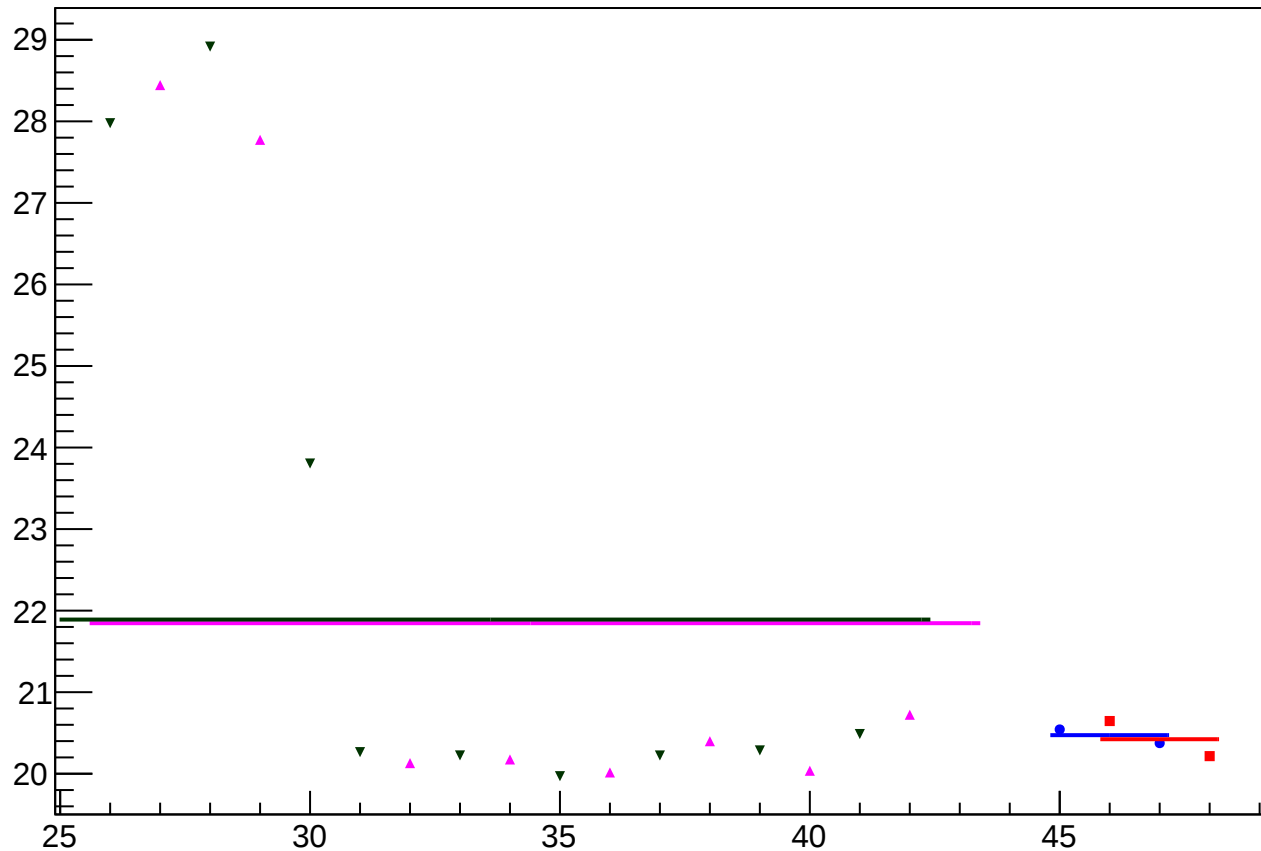
Right Out: -34.463 $\pm$ 21.974 χ^2 /NDF: 0.3/1

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

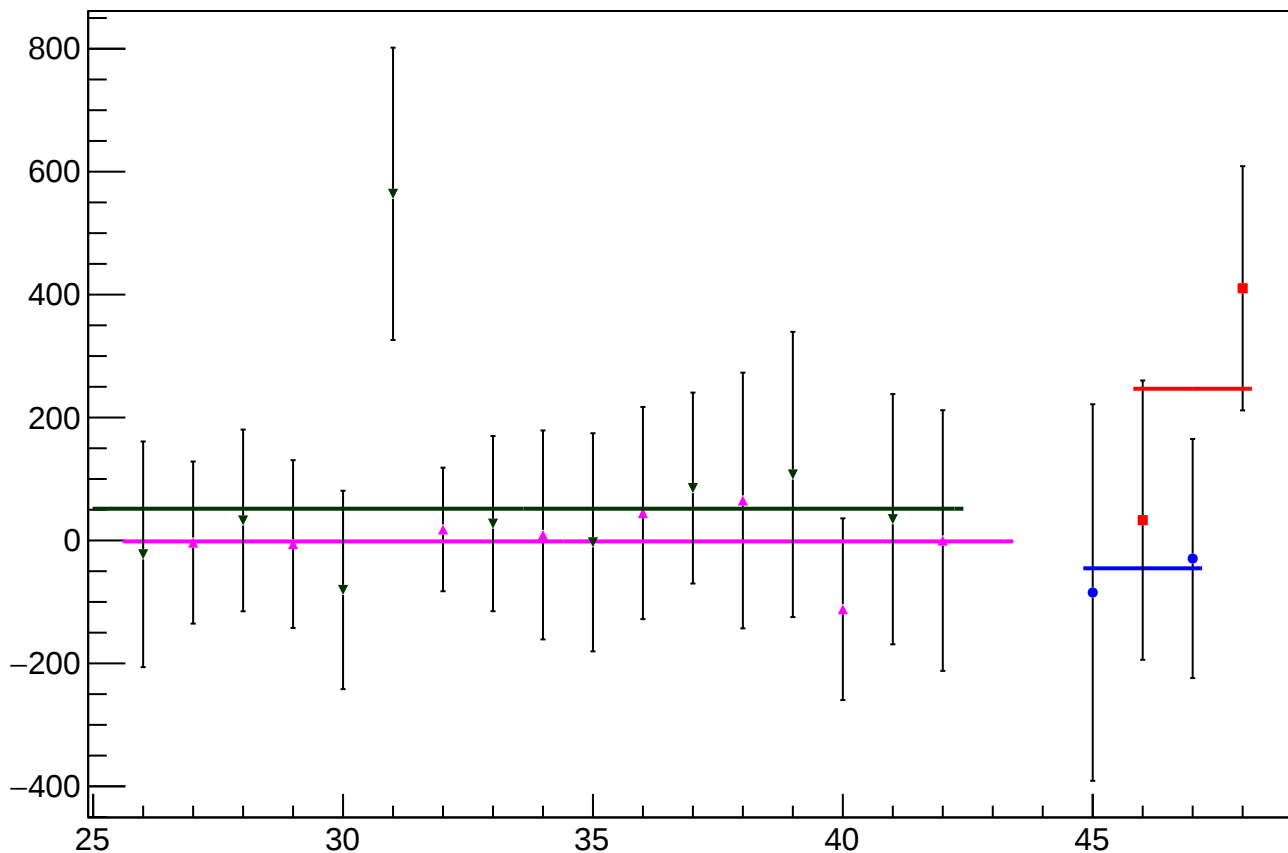
21.600+/-0.006 χ^2/NDF : 189692.5/10

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

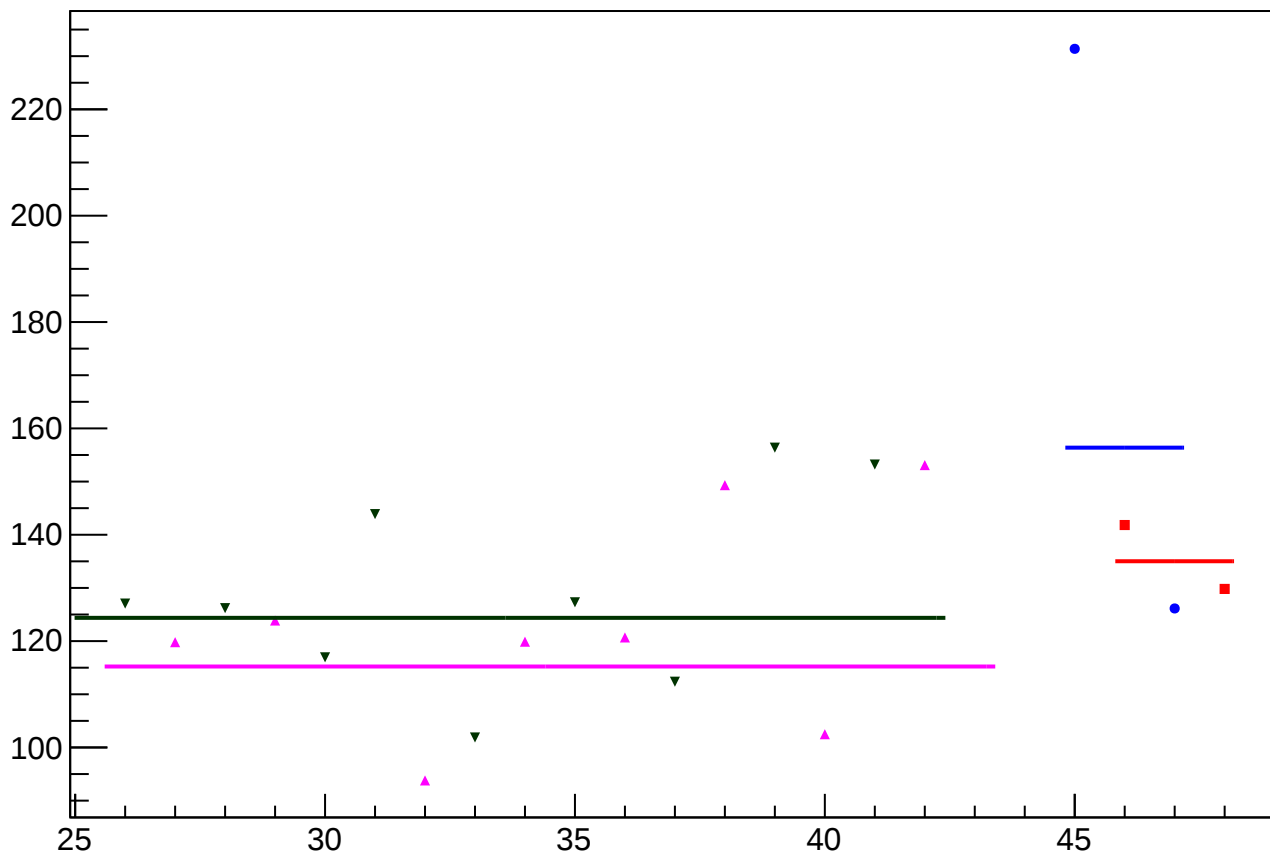
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

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

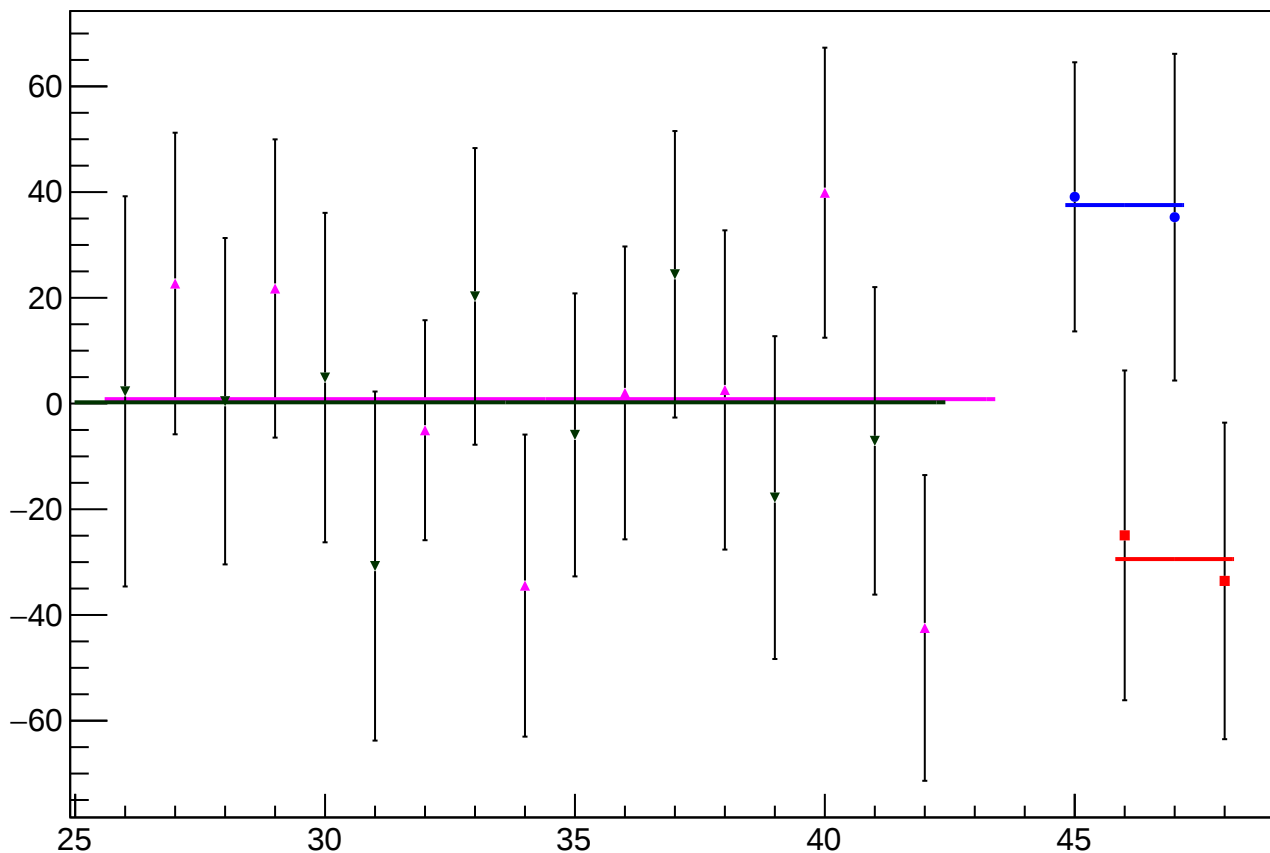
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

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

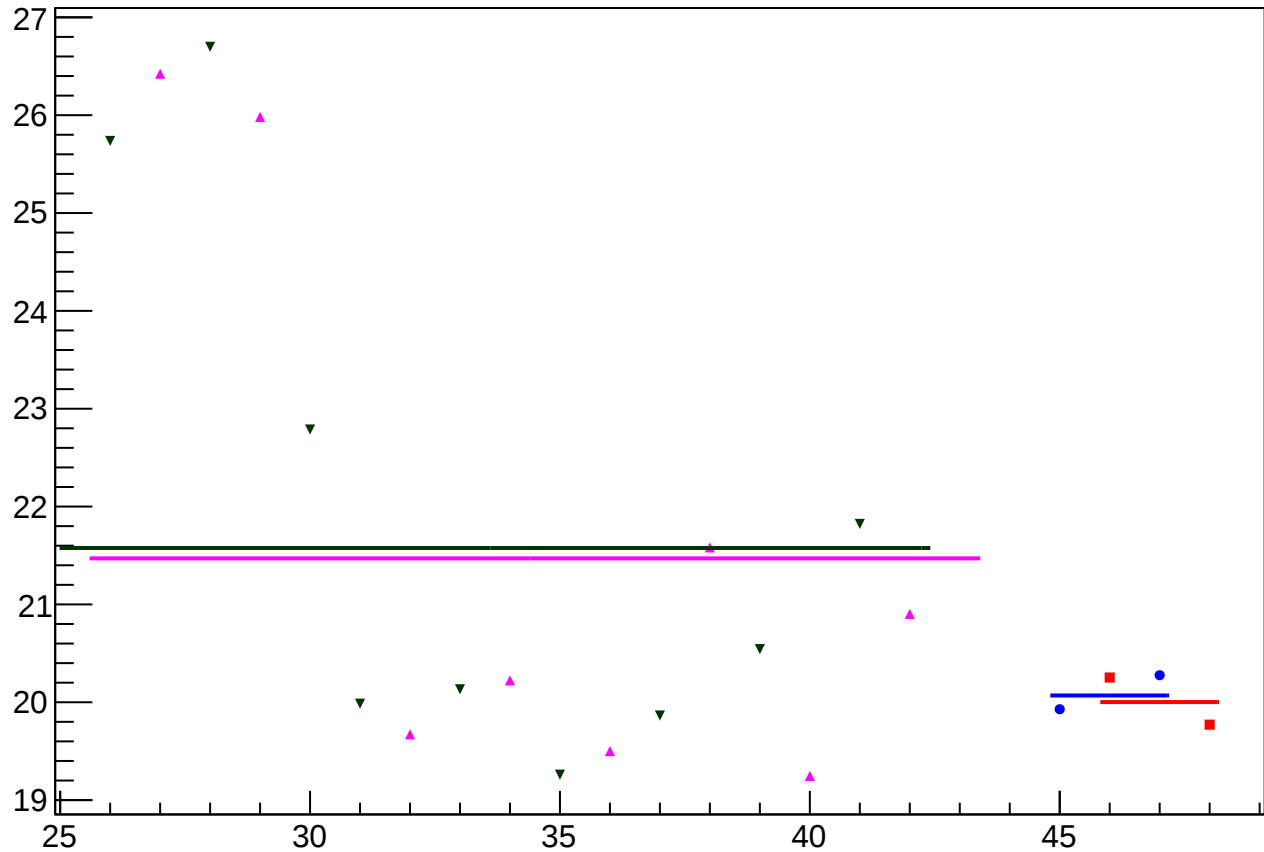
Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

7.902+/-8.908 χ^2/NDF : 5.6/10

-4.125+/-8.742 χ^2/NDF : 8.7/9

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

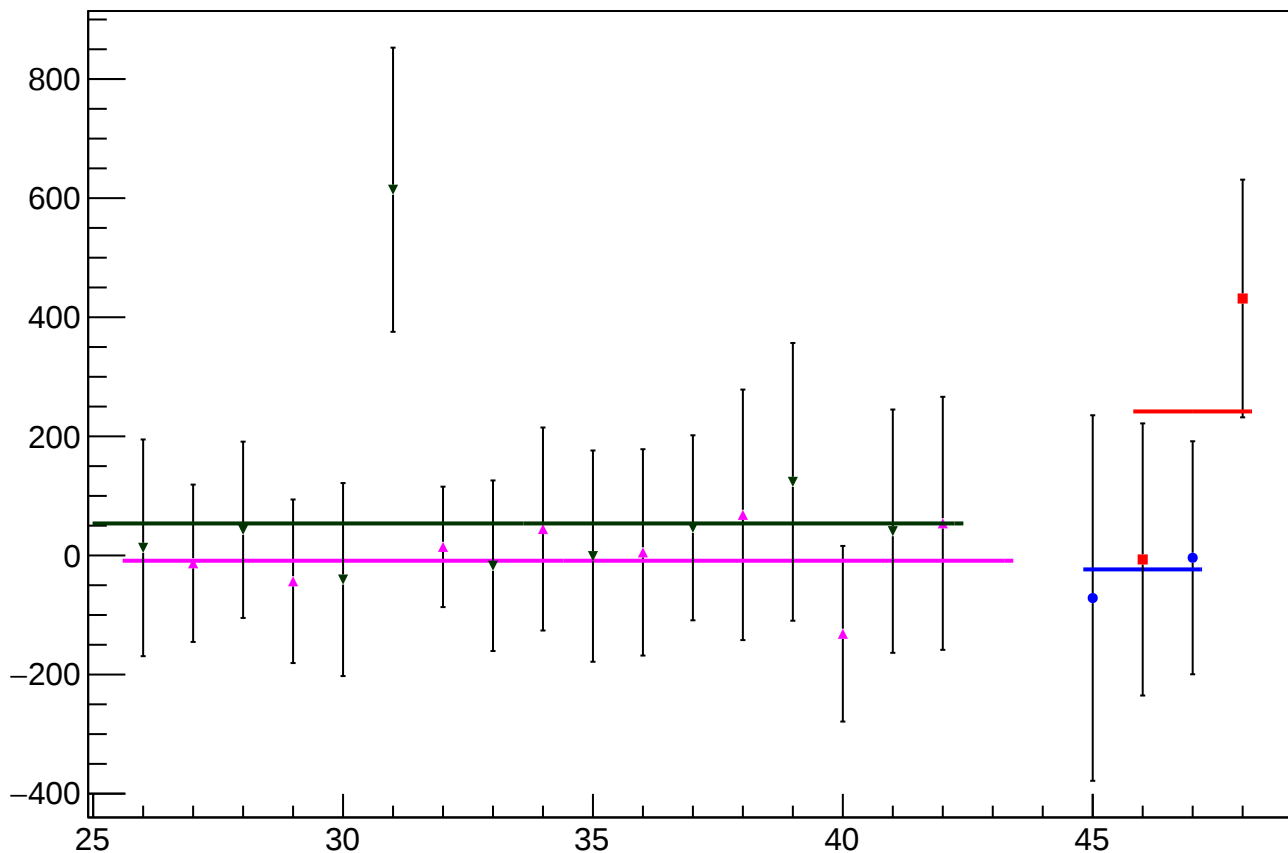
Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 248.4/1

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

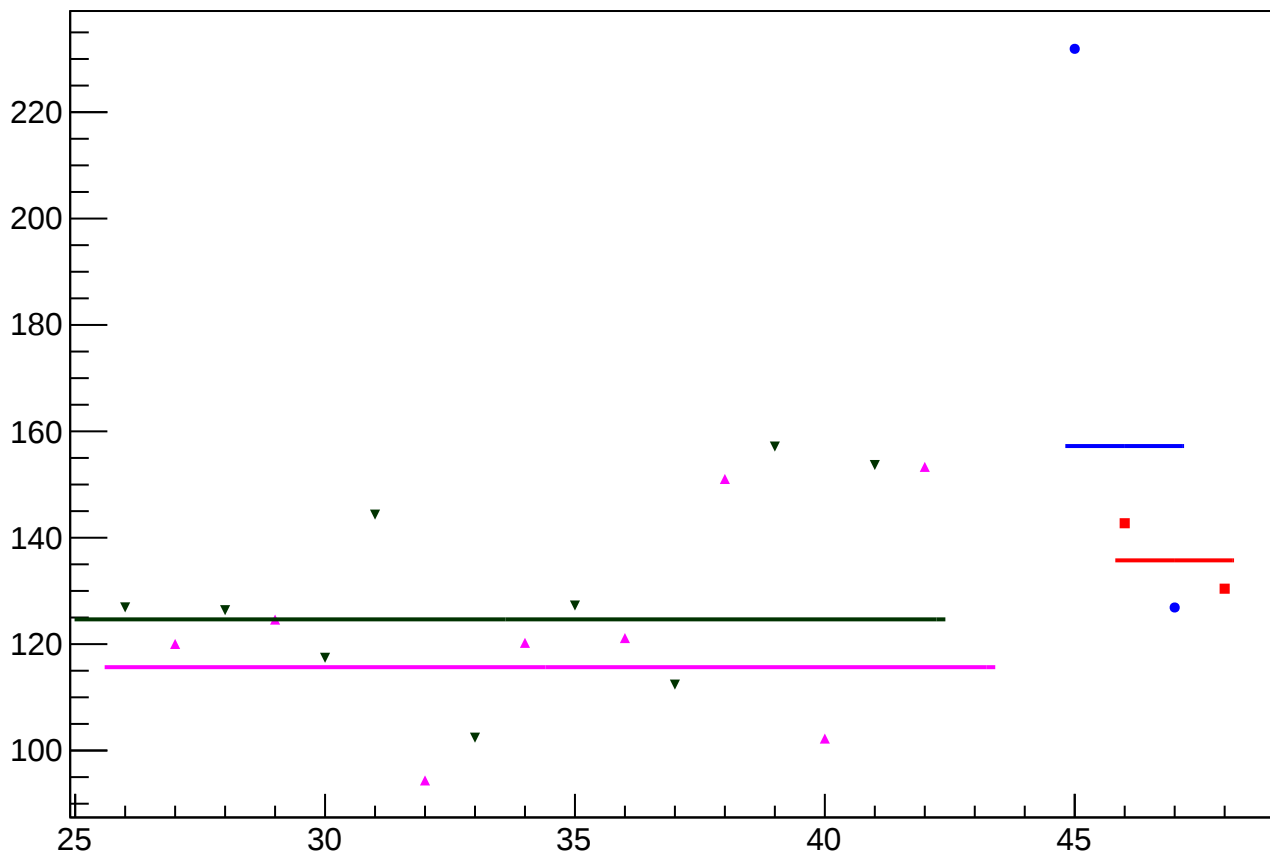
Right Out: 241.812 $\pm$ 150.311 χ^2/NDF : 2.1/1

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

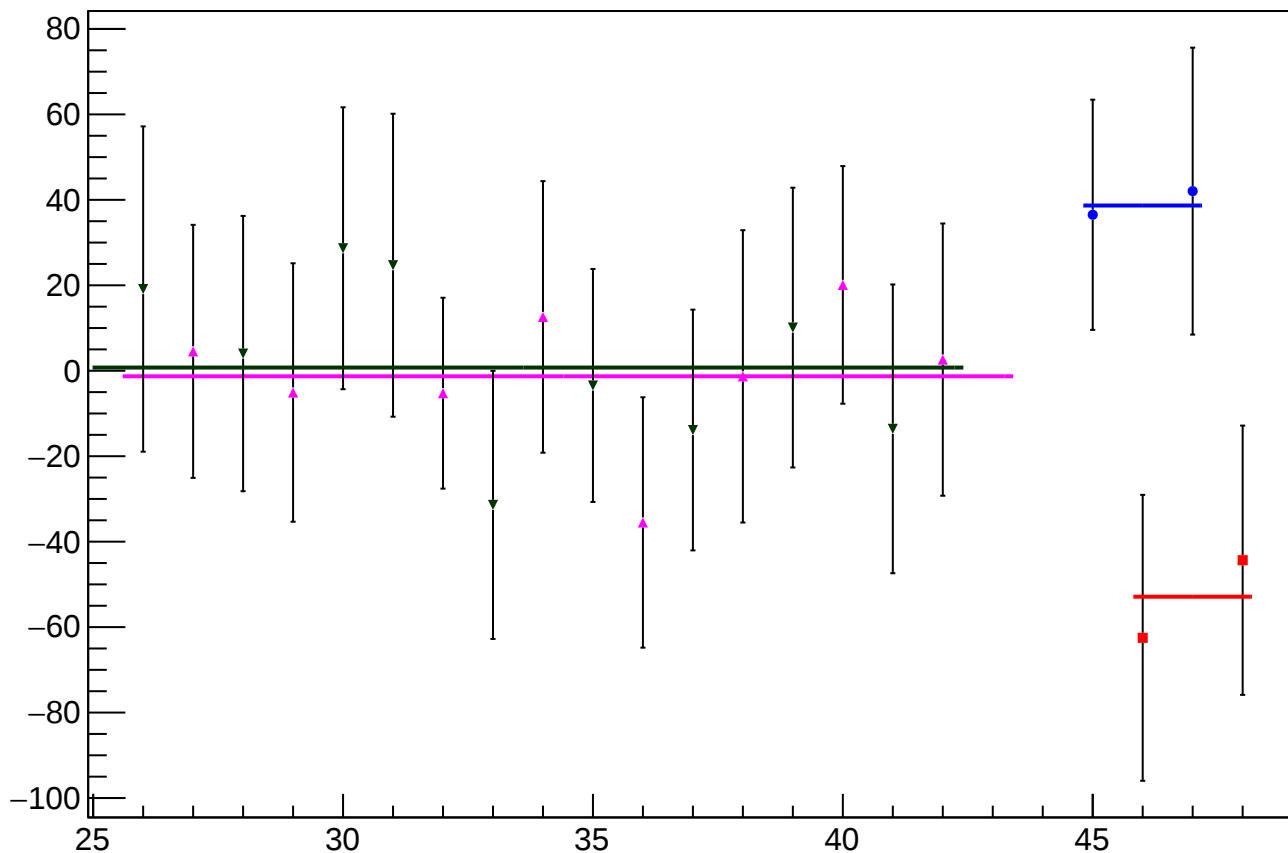
Right Out: 135.746 $\pm$ 0.106 χ^2 /NDF: 3289.9/1

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+/-21.011 χ^2/NDF : 0.0/1

Left Out: 0.747+/-10.661 χ^2/NDF : 3.0/8

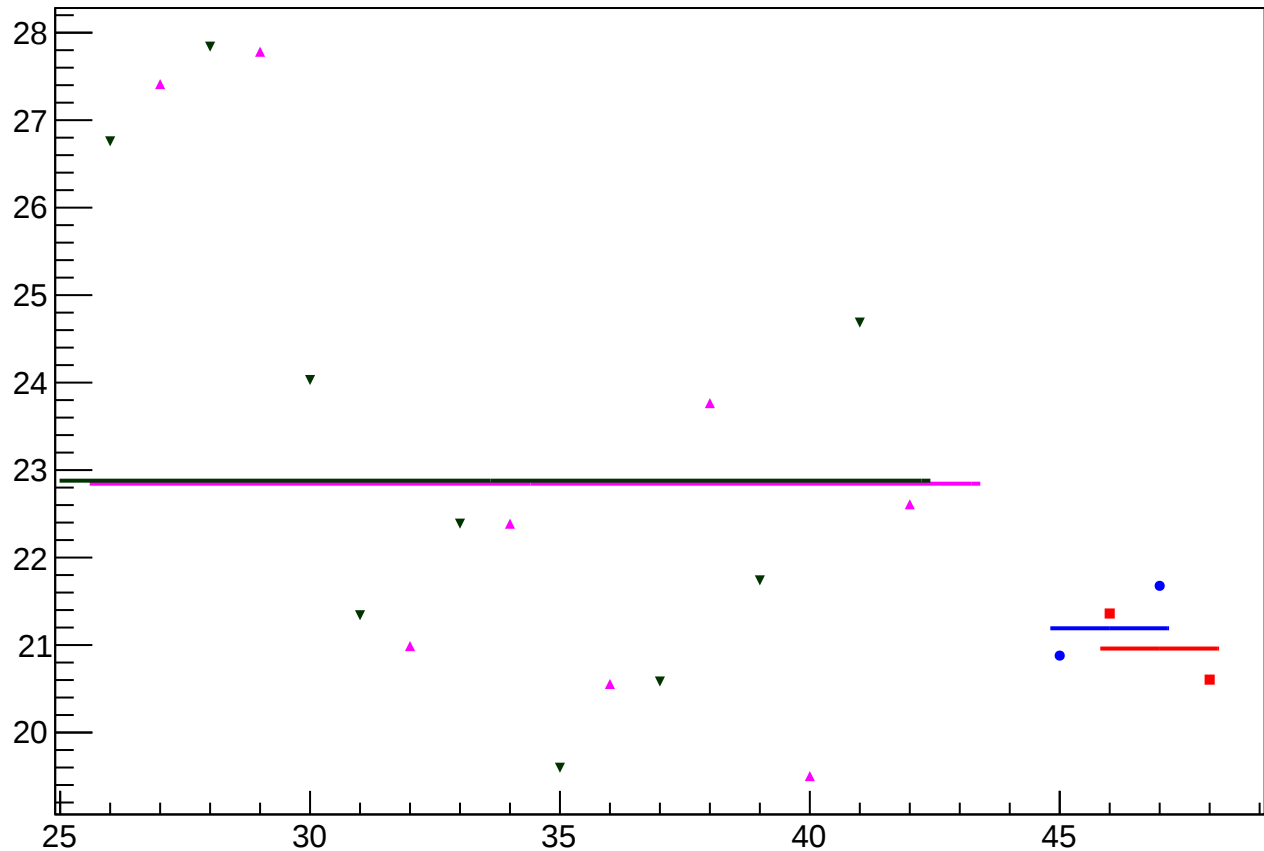
Right Out: -52.882+/-22.940 χ^2/NDF : 0.2/1

Left In: -1.298+/-10.246 χ^2/NDF : 2.2/7

8.513+/-9.507 χ^2/NDF : 5.6/10

-9.877+/-9.355 χ^2/NDF : 6.6/9

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192±/0.015 χ^2/NDF : 687.1/1

Left Out: 22.879±/0.008 χ^2/NDF :125279.7/8

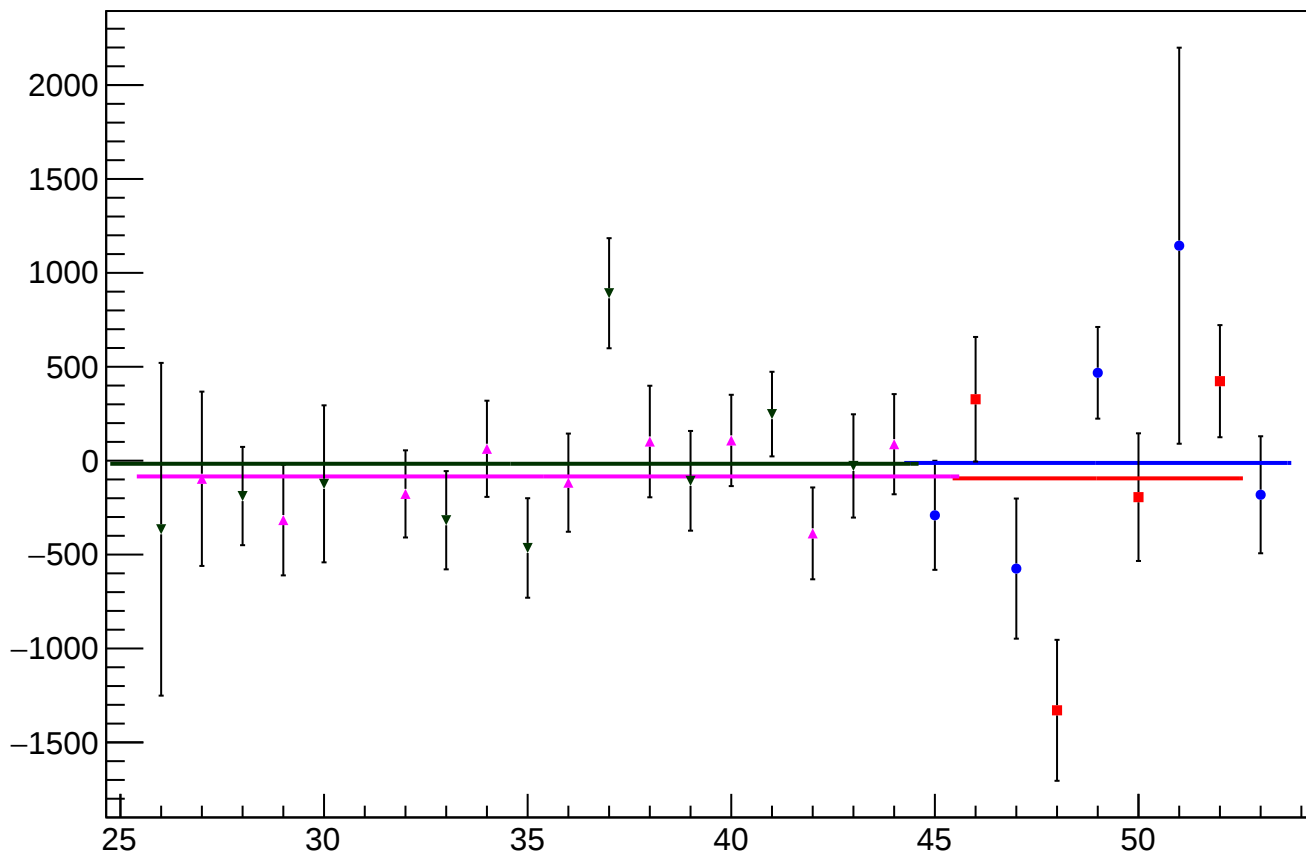
Right Out: 20.960±/0.016 χ^2/NDF : 540.7/1

Left In: 22.845±/0.007 χ^2/NDF :157790.8/7

22.533±/0.007 χ^2/NDF : 136226.3/10

22.531±/0.007 χ^2/NDF : 169585.5/9

asym_sam_15_avg_mean vs slug



Right In: -12.038 $\pm$ 145.824 χ^2 /NDF: 8.6/4

Left Out: -16.498 $\pm$ 95.684 χ^2 /NDF:15.9/8

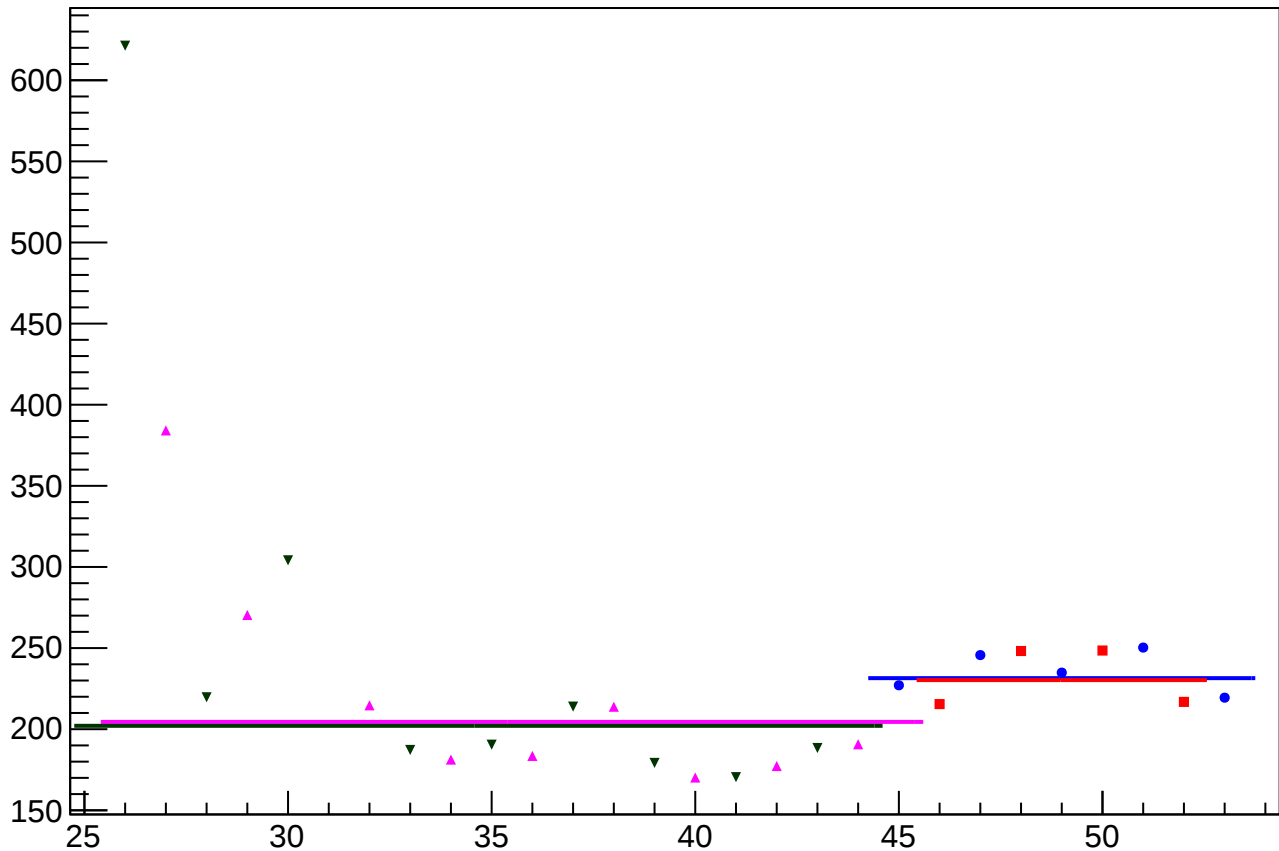
Right Out: -94.187 $\pm$ 166.514 χ^2 /NDF: 15.5/3

Left In: -83.982 $\pm$ 89.928 χ^2 /NDF:4.1/8

-15.156 $\pm$ 80.000 χ^2 /NDF: 24.5/13

-86.287 $\pm$ 79.126 χ^2 /NDF: 19.6/12

asym_sam_15_avg_rms vs slug



Right In: 231.465+/-0.103 χ^2/NDF : 7371.1/4

Left Out: 202.088+/-0.068 χ^2/NDF : 648842.0/8

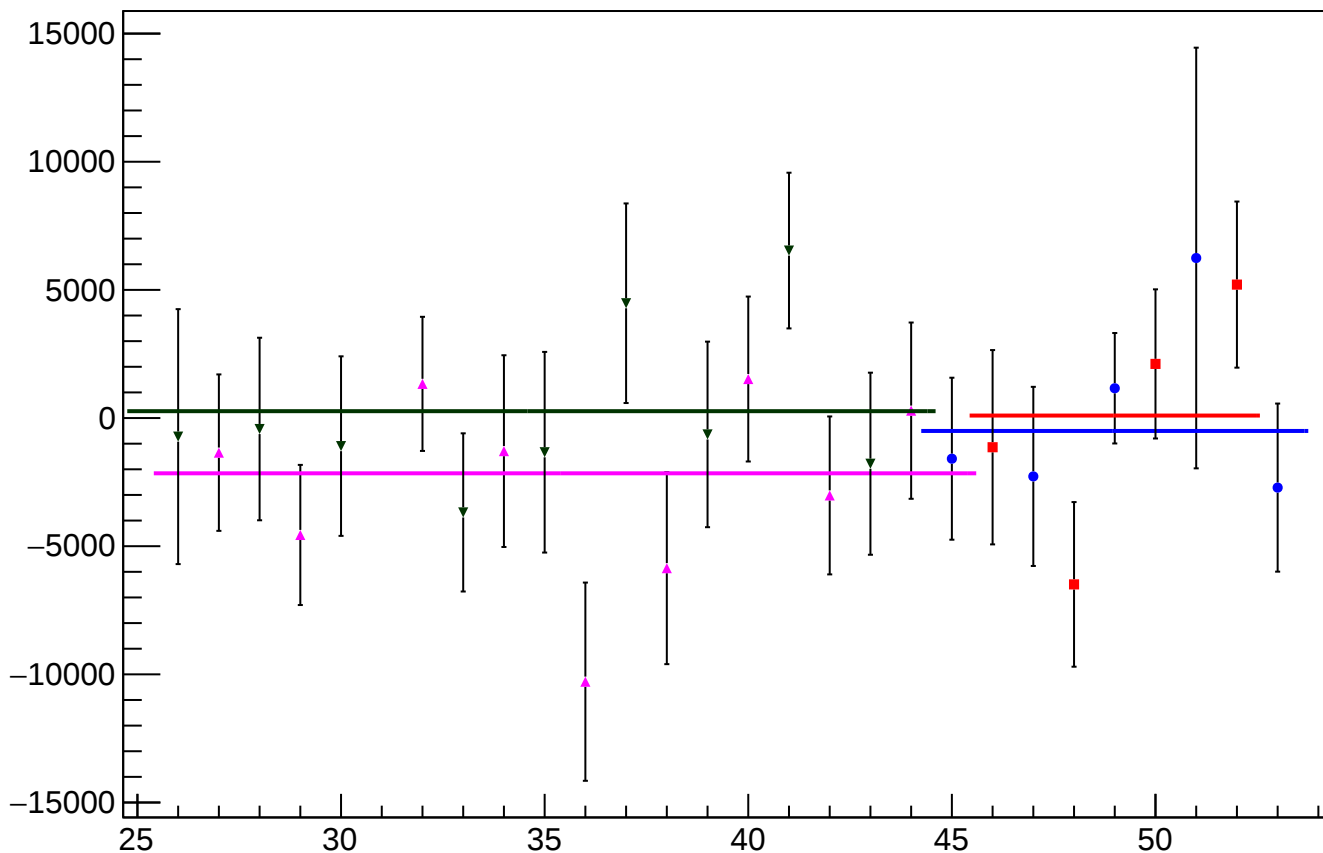
Right Out: 230.267+/-0.118 χ^2/NDF : 18333.1/3

Left In: 204.496+/-0.064 χ^2/NDF : 504865.3/8

210.929+/-0.057 χ^2/NDF : 712952.1/13

210.316+/-0.056 χ^2/NDF : 560287.4/12

asym_sam_26_avg_mean vs slug



Right In: -503.783+/-1406.787 χ^2/NDF : 2.1/4

Left Out: 267.989+/-1194.389 χ^2/NDF : 7.9/8

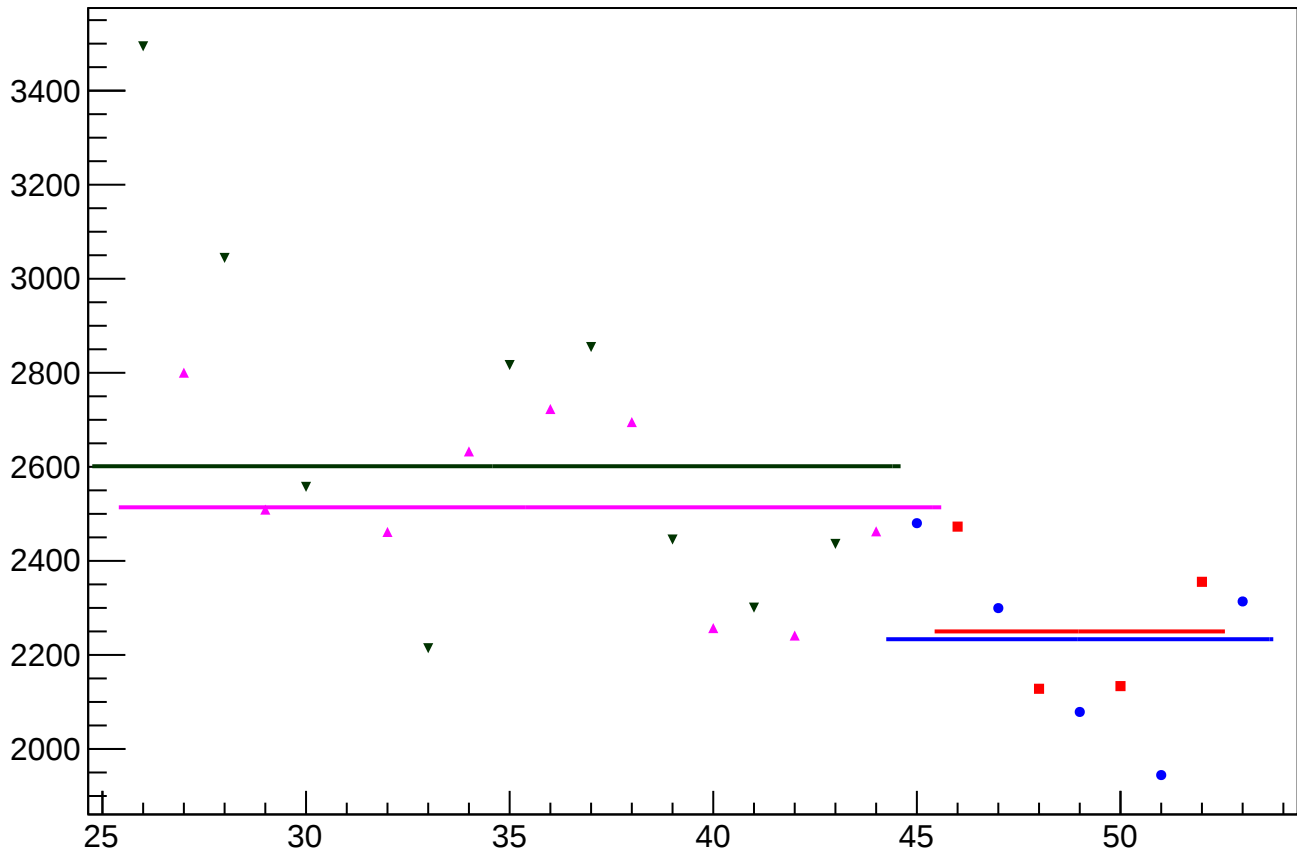
Right Out: 97.121+/-1622.475 χ^2/NDF : 7.3/3

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

-55.295+/-910.493 χ^2/NDF : 10.1/13

-1478.669+/-889.718 χ^2/NDF : 18.6/12

asym_sam_26_avg_rms vs slug



Right In: 2233.418+/-0.995 χ^2/NDF : 26898.5/4

Left Out: 2601.288+/-0.845 χ^2/NDF :169348.6/8

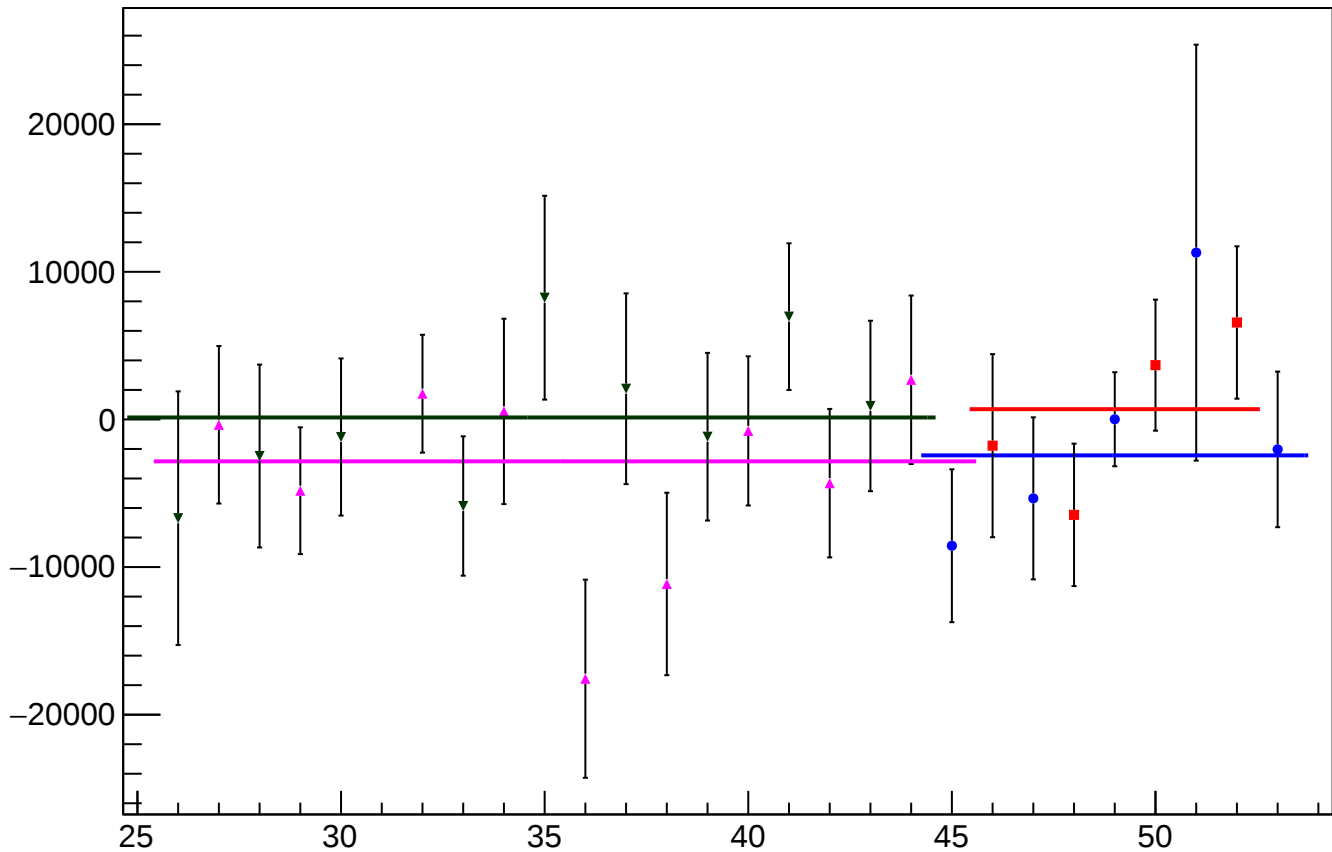
Right Out: 2249.984+/-1.147 χ^2/NDF : 15113.3/3

Left In: 2513.941+/-0.752 χ^2/NDF :59816.2/8

2447.193+/-0.644 χ^2/NDF : 275720.7/13

2434.567+/-0.629 χ^2/NDF : 111946.1/12

asym_sam_37_avg_mean vs slug



Right In: -2433.823 +/- 2181.697 χ^2/NDF : 3.2/4

Left Out: 134.076 +/- 1937.759 χ^2/NDF : 5.9/8

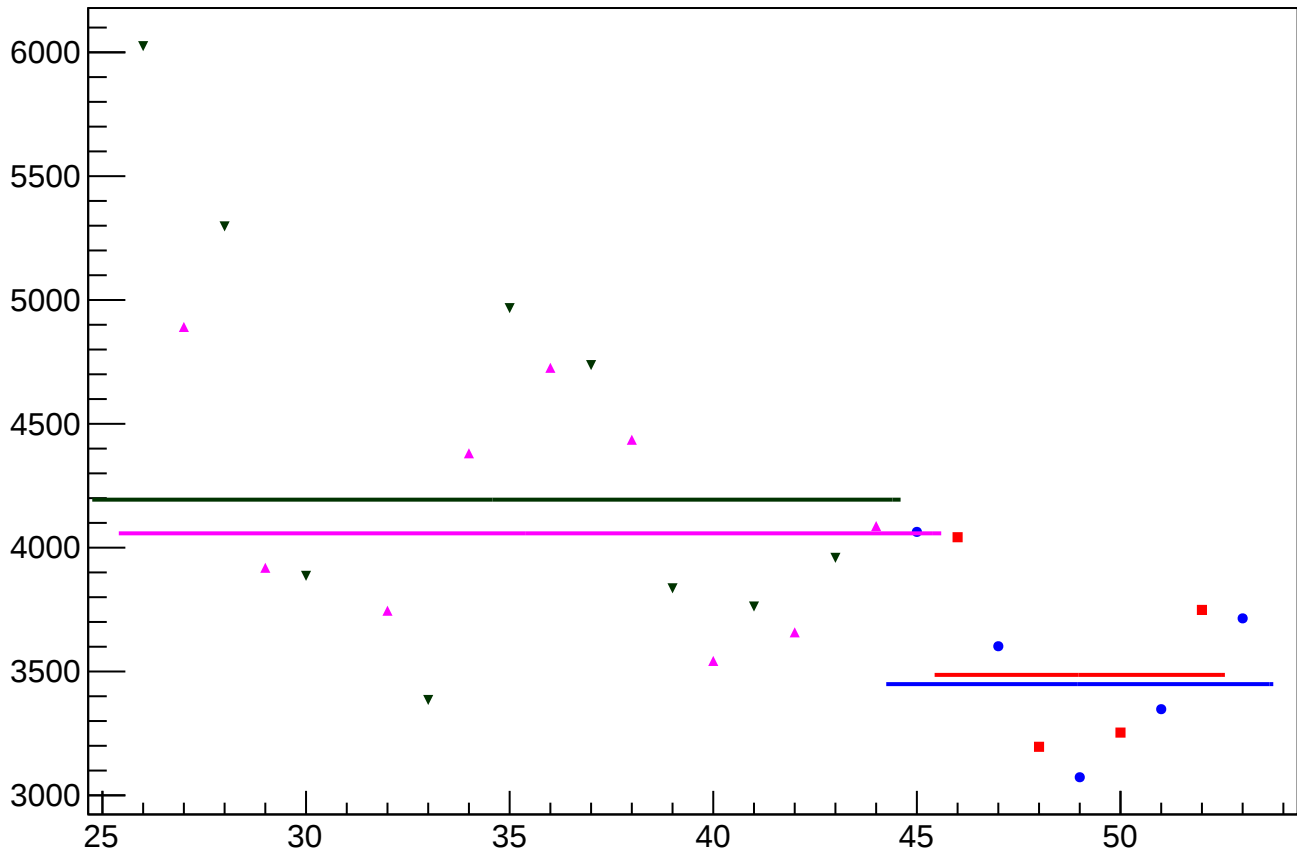
Right Out: 695.268 +/- 2521.712 χ^2/NDF : 4.1/3

Left In: -2838.252 +/- 1727.002 χ^2/NDF : 9.8/8

-998.343 +/- 1448.803 χ^2/NDF : 9.9/13

-1710.085 +/- 1424.881 χ^2/NDF : 15.3/12

asym_sam_37_avg_rms vs slug



Right In: 3449.019+/-1.543 χ^2/NDF : 62786.7/4

Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

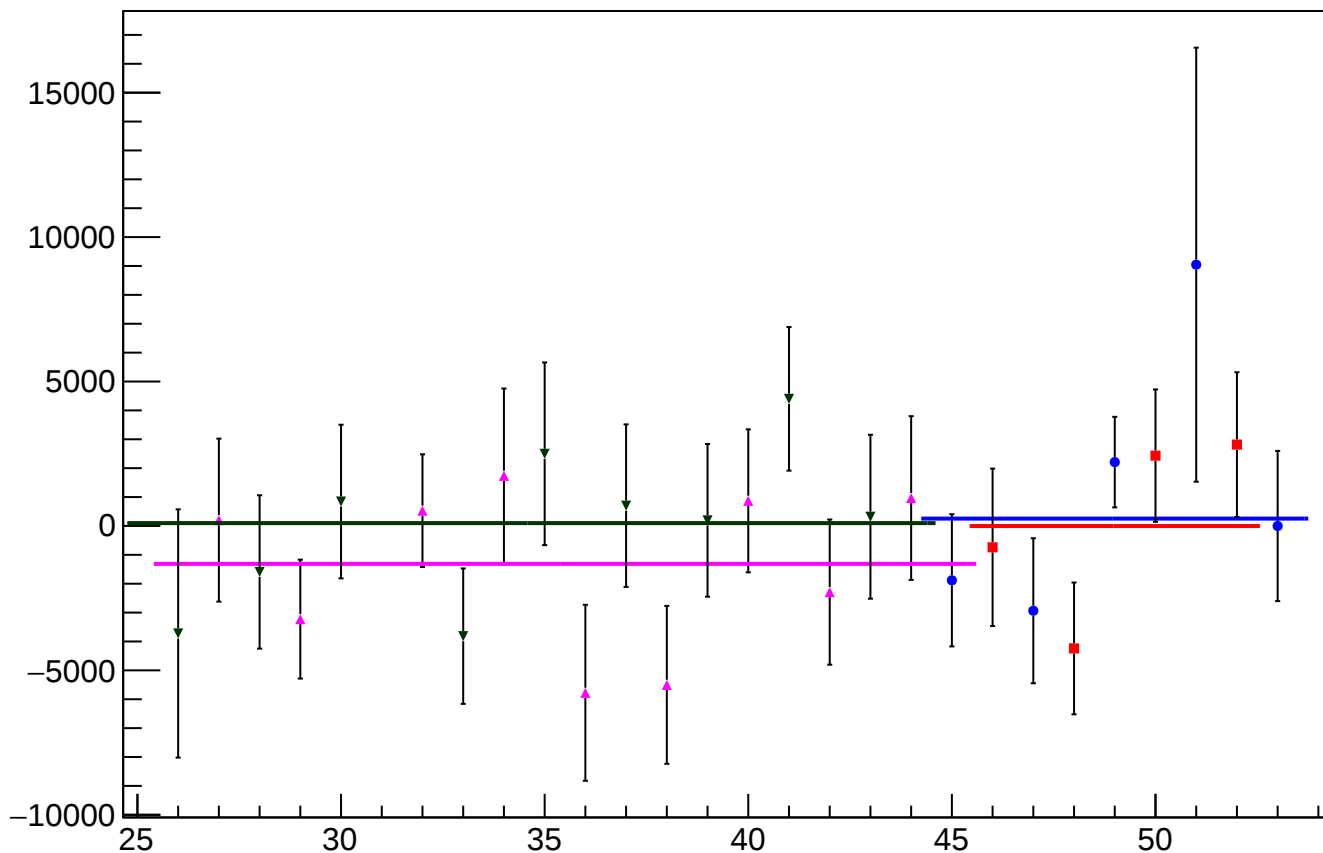
3865.372+/-1.024 χ^2/NDF : 478488.3/13

Right Out: 3486.314+/-1.783 χ^2/NDF : 33985.2/3

3875.351+/-1.008 χ^2/NDF : 233165.9/12

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

asym_sam_48_avg_mean vs slug



Right In: 254.395 ± 1041.107 χ^2/NDF : 5.4/4

Left Out: 98.183 ± 922.560 χ^2/NDF : 7.7/8

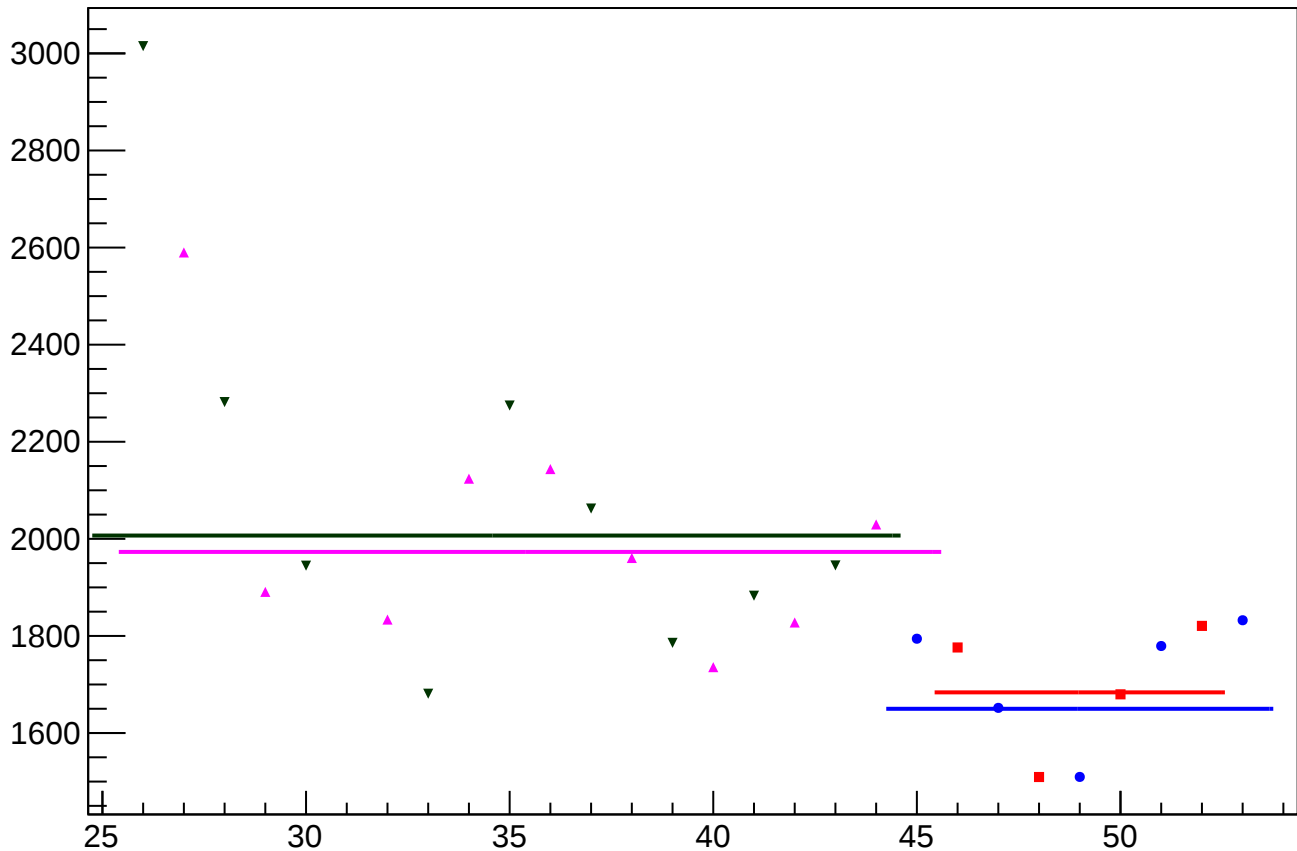
Right Out: -3.165 ± 1215.765 χ^2/NDF : 5.9/3

Left In: -1313.019 ± 838.748 χ^2/NDF : 9.1/8

166.893 ± 690.474 χ^2/NDF : 13.1/13

-890.628 ± 690.391 χ^2/NDF : 15.8/12

asym_sam_48_avg_rms vs slug



Right In: 1649.922+/-0.736 χ^2/NDF : 34437.1/4

Left Out: 2006.811+/-0.652 χ^2/NDF :206242.3/8

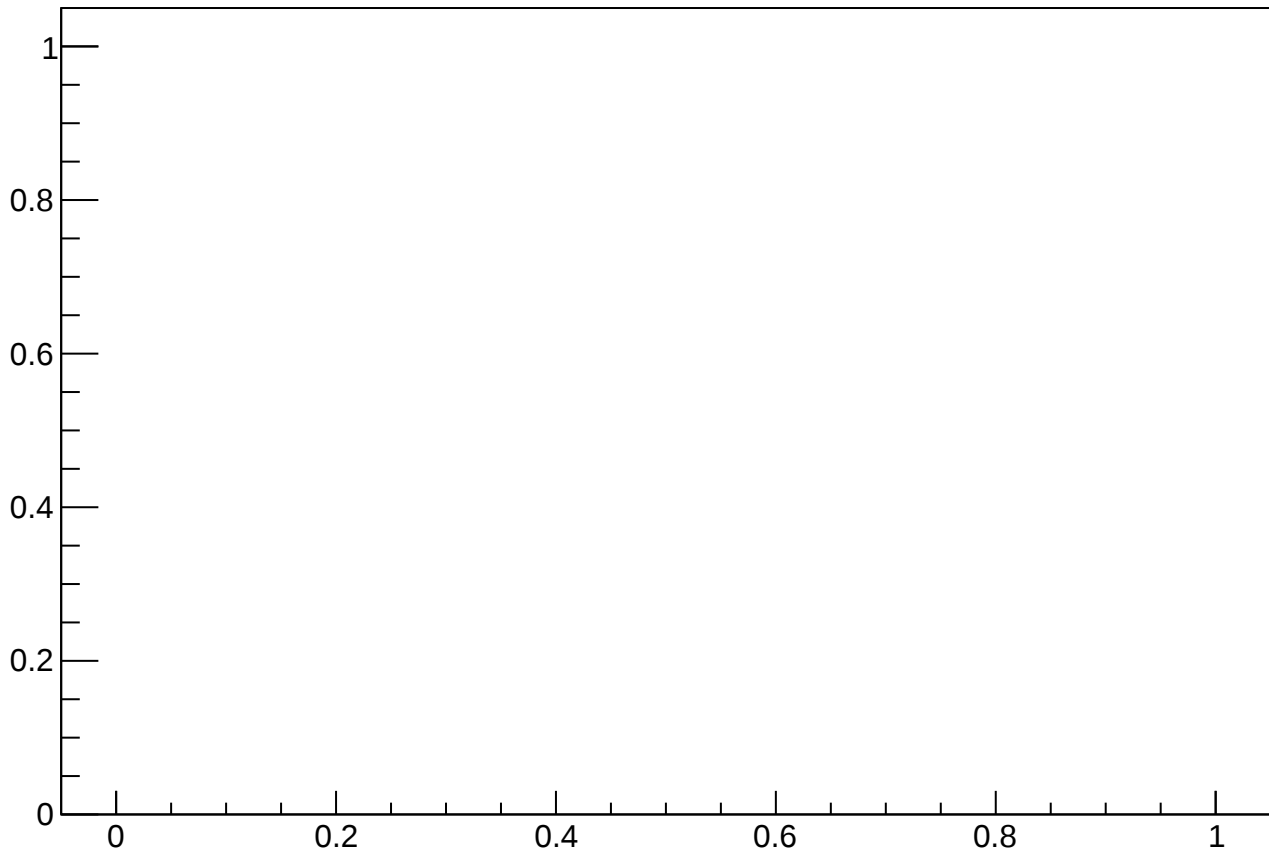
Right Out: 1683.764+/-0.860 χ^2/NDF : 19969.8/3

Left In: 1973.078+/-0.593 χ^2/NDF :146156.6/8

1849.833+/-0.488 χ^2/NDF : 372326.3/13

1879.783+/-0.488 χ^2/NDF : 242862.3/12

yield_sam_15_avg_mean vs slug



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

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

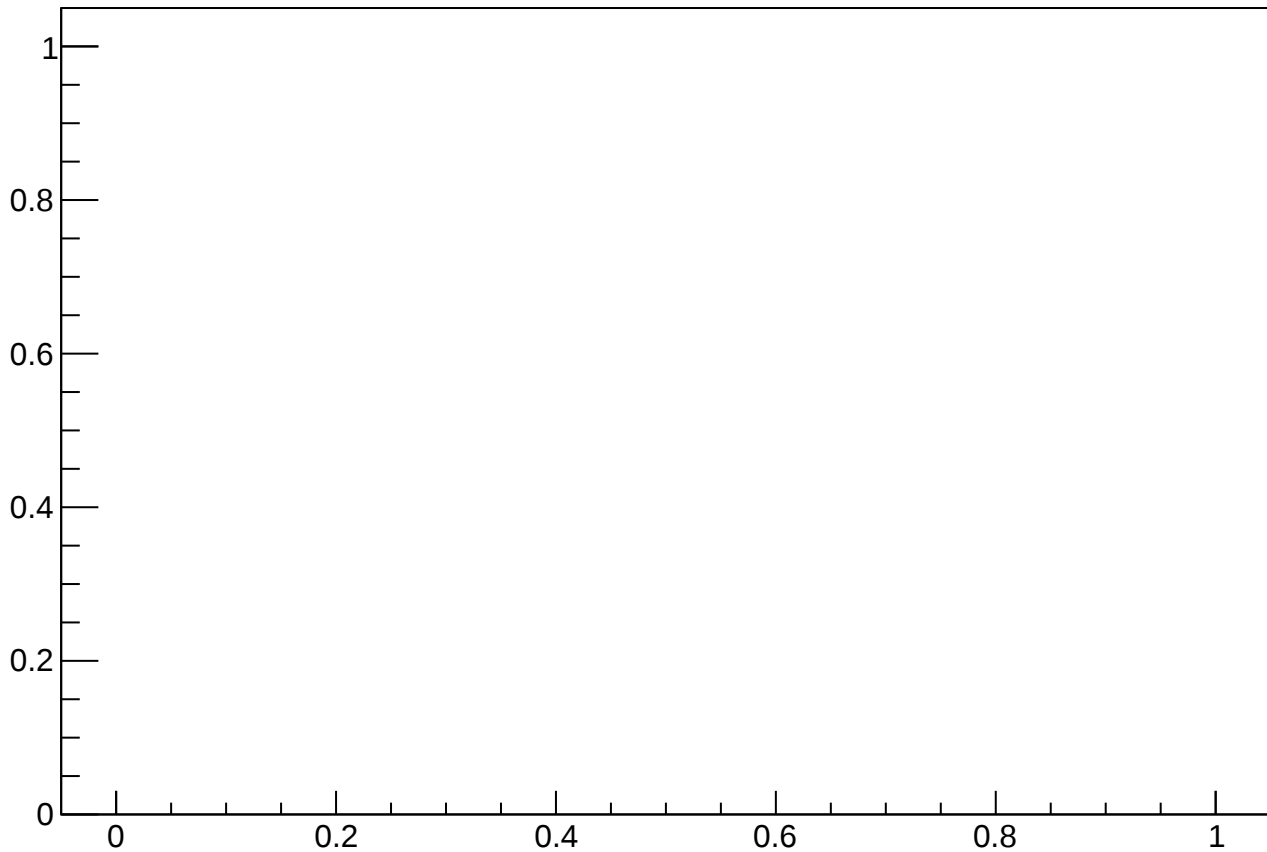
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

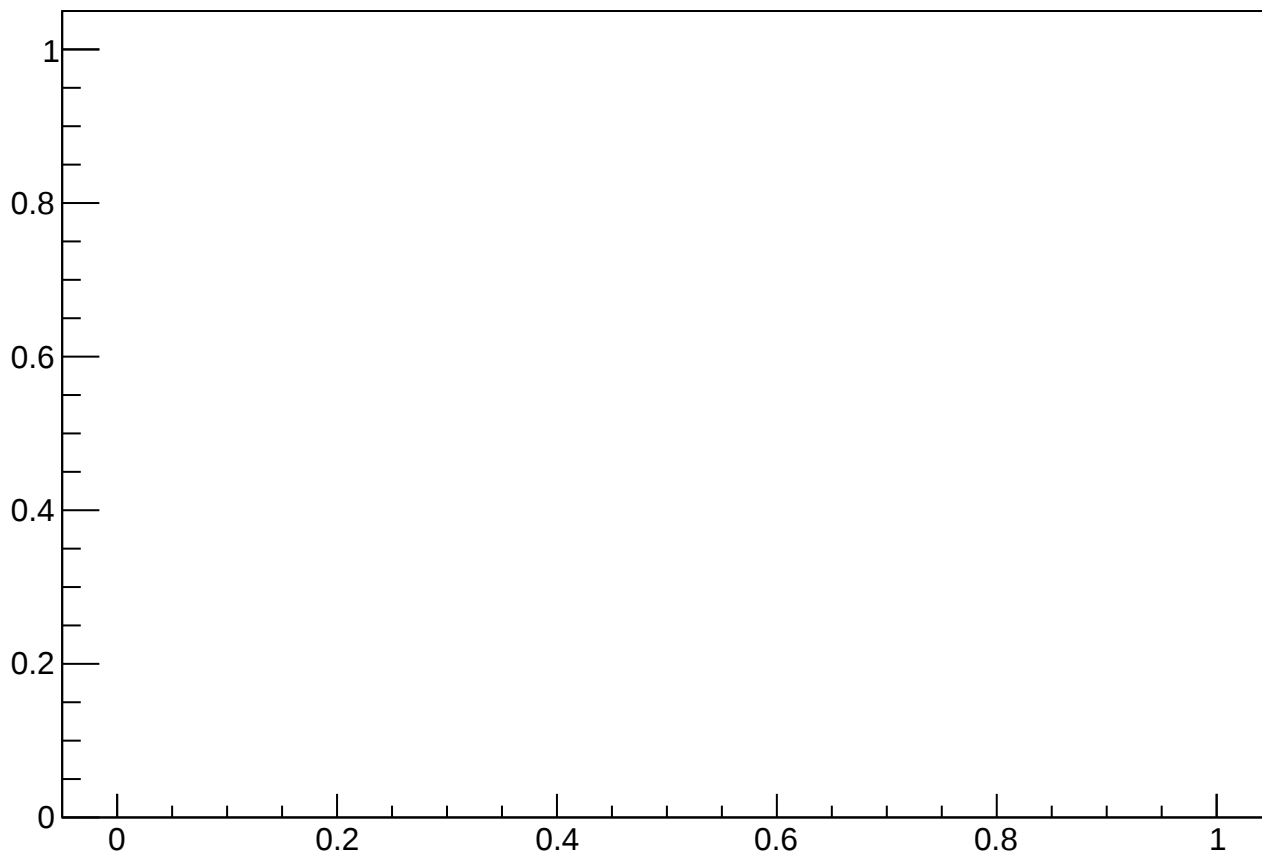
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

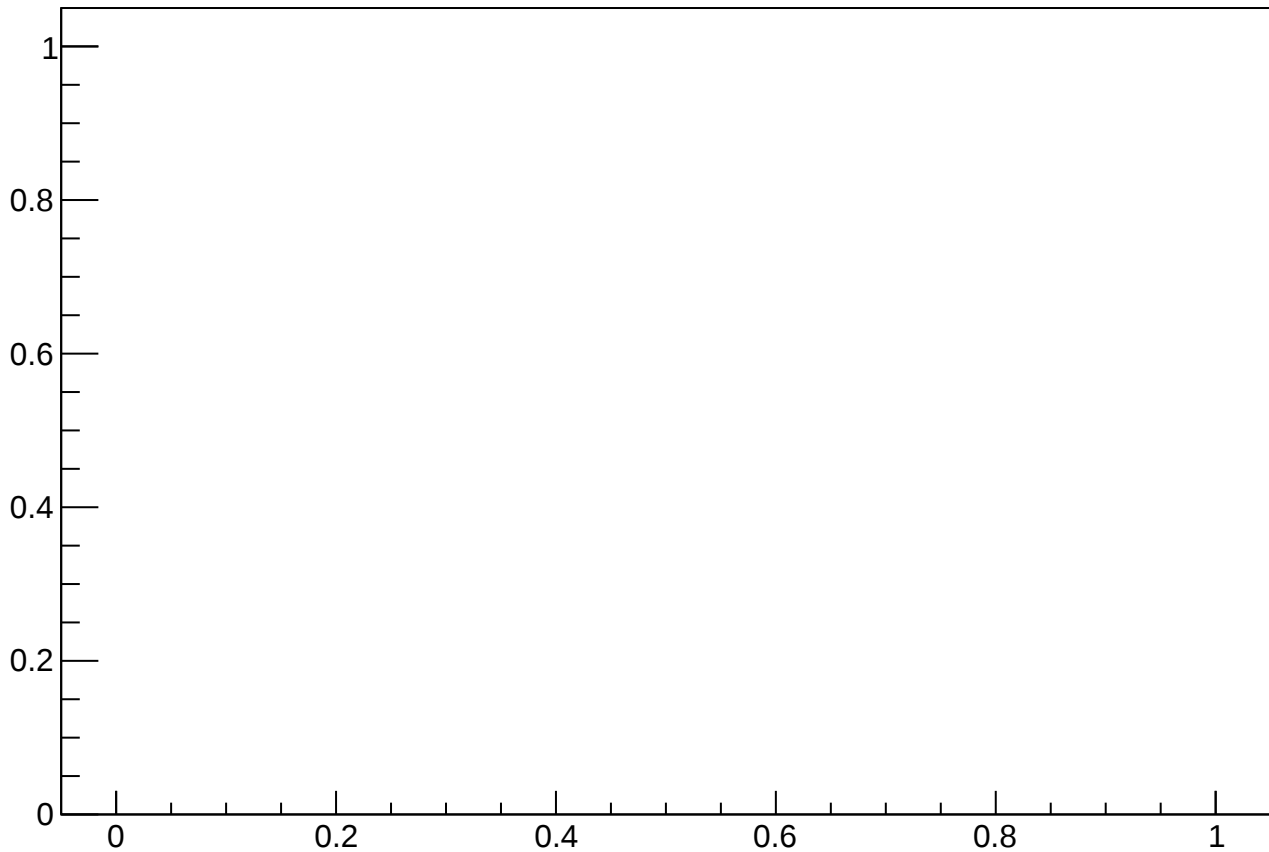
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

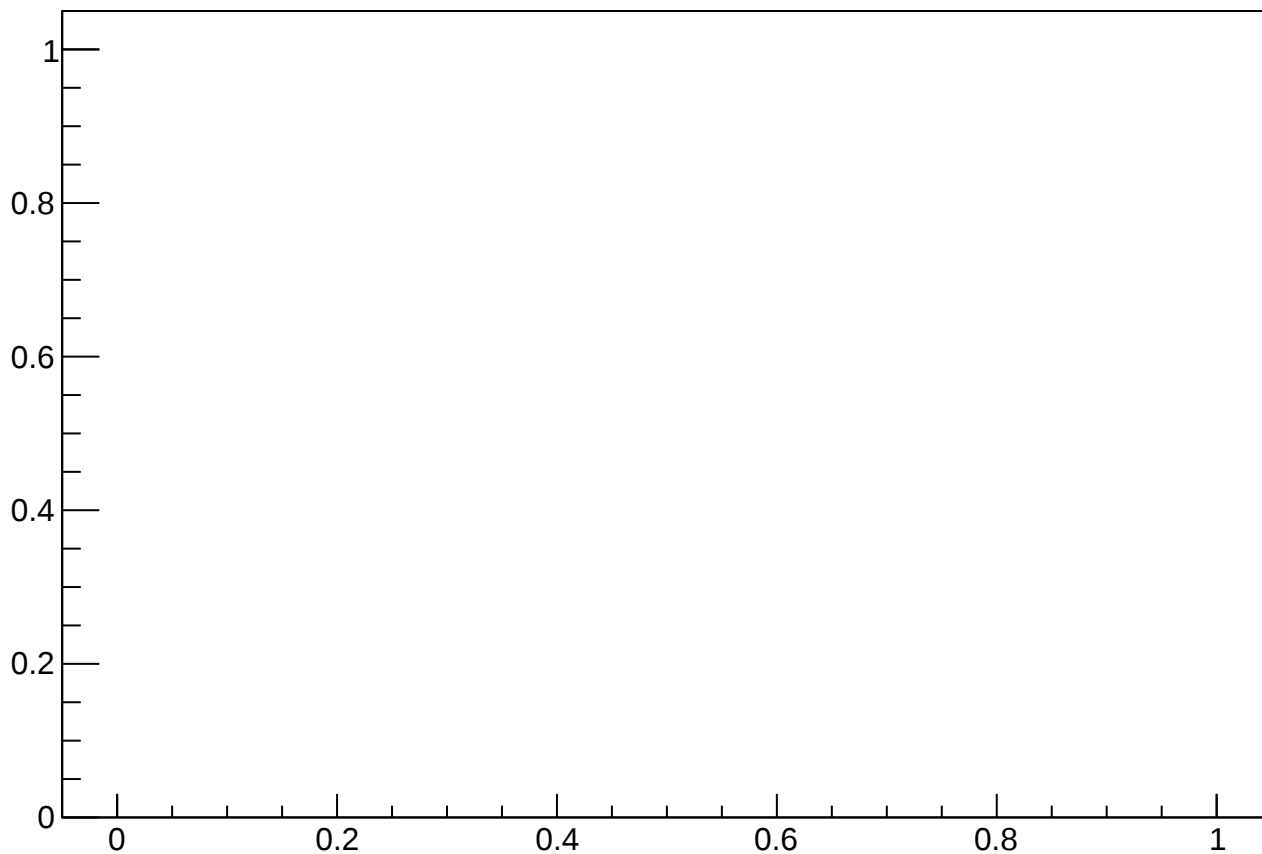
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

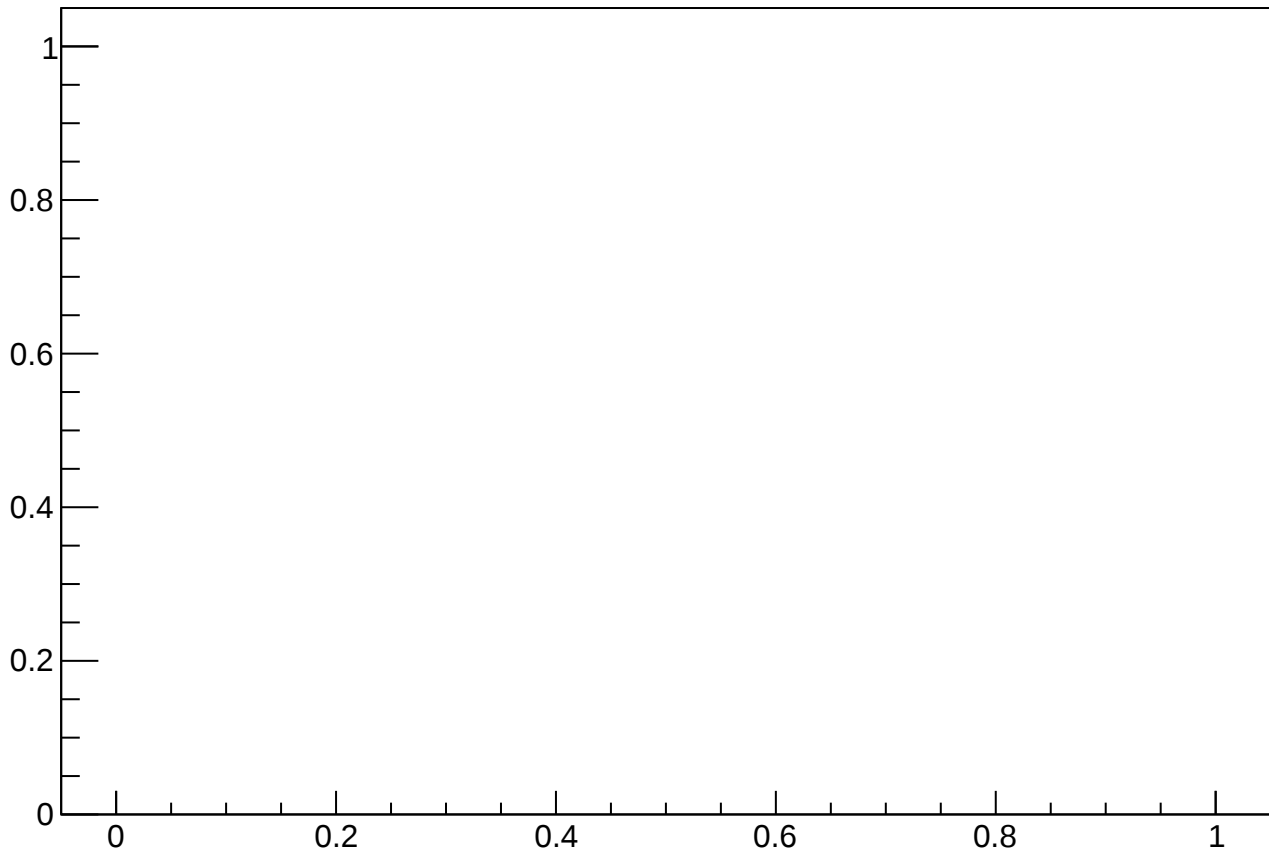
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

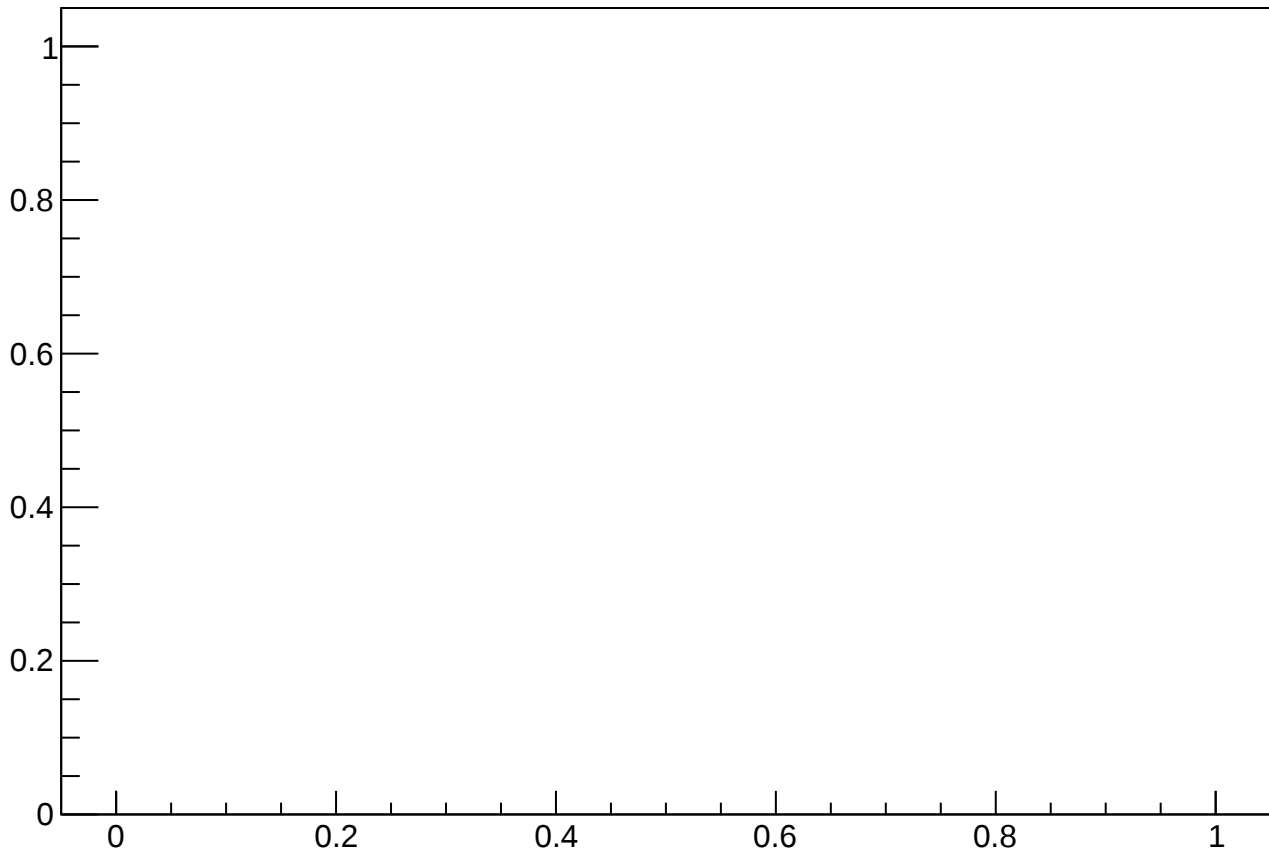
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

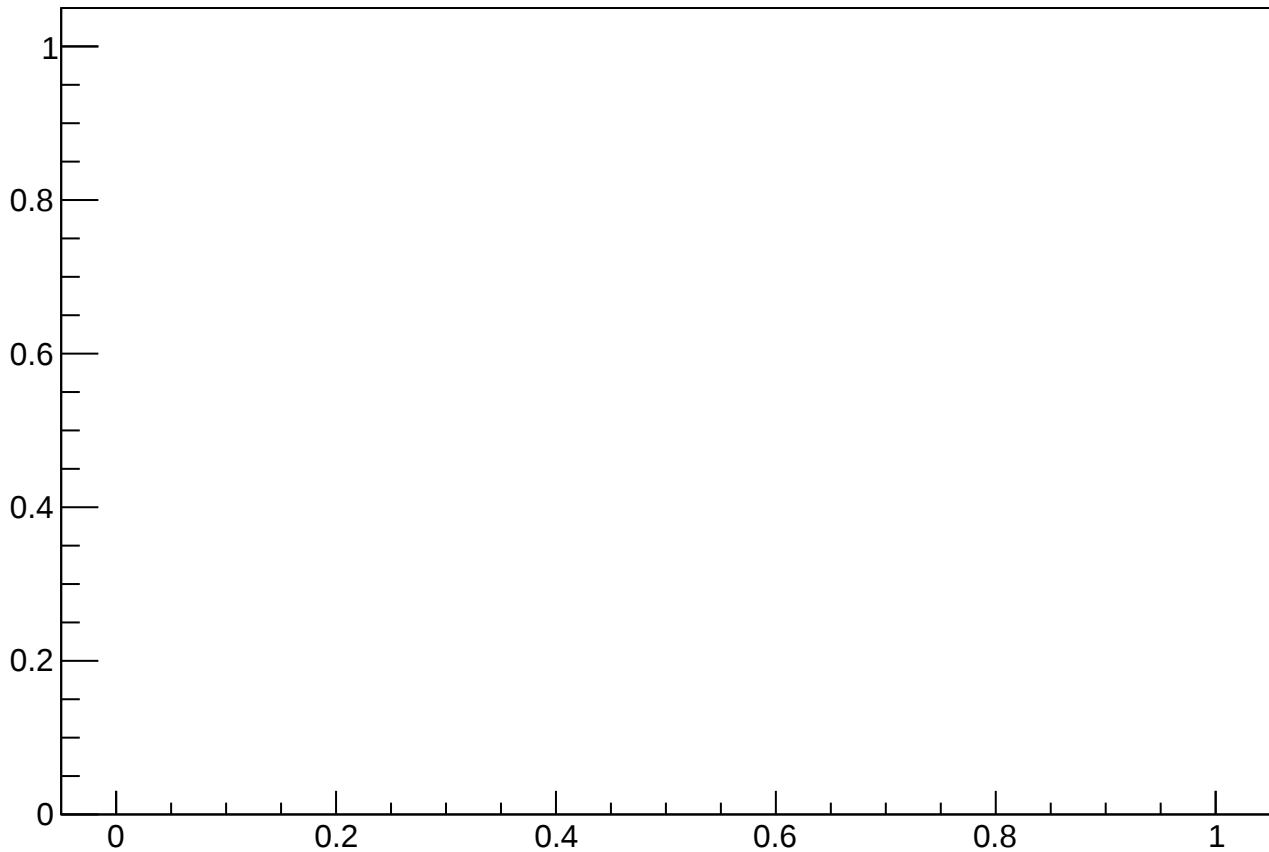
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

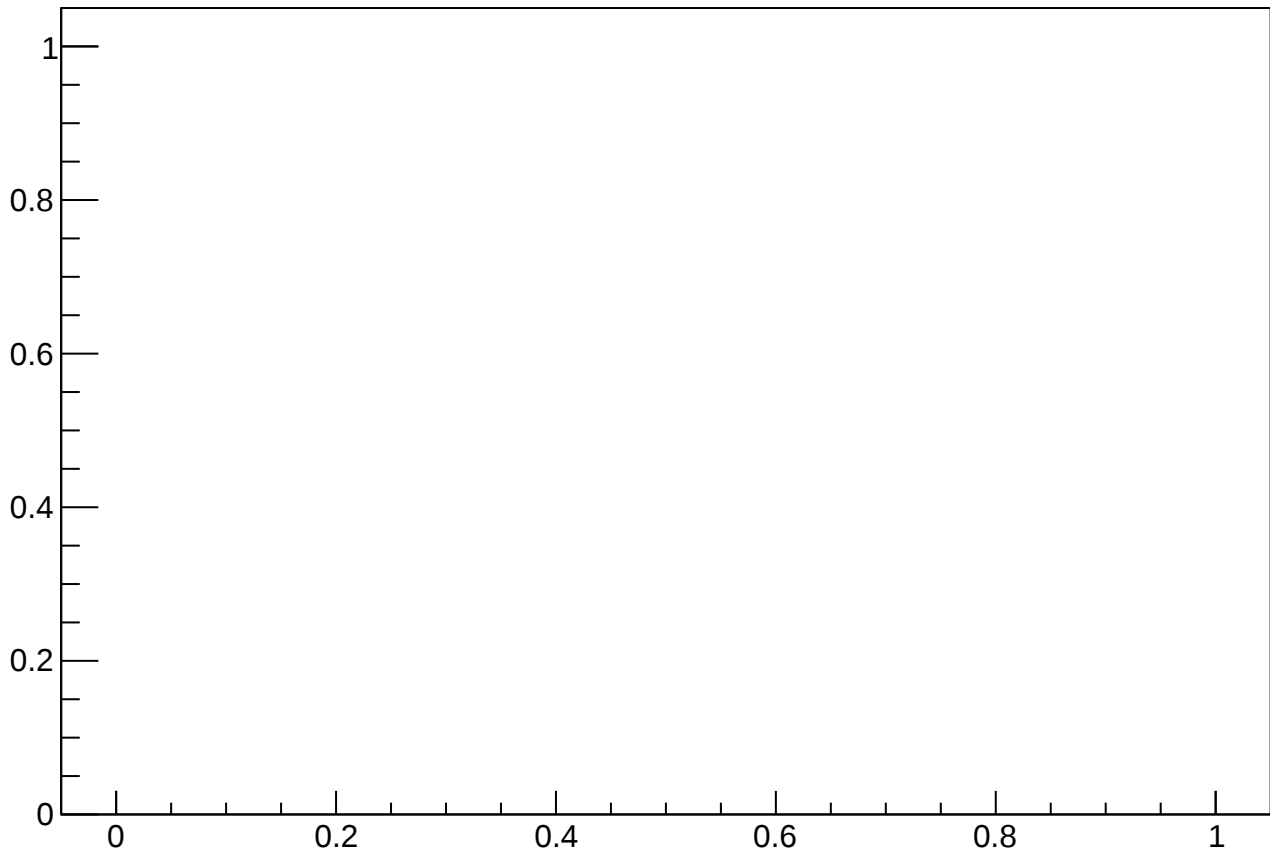
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

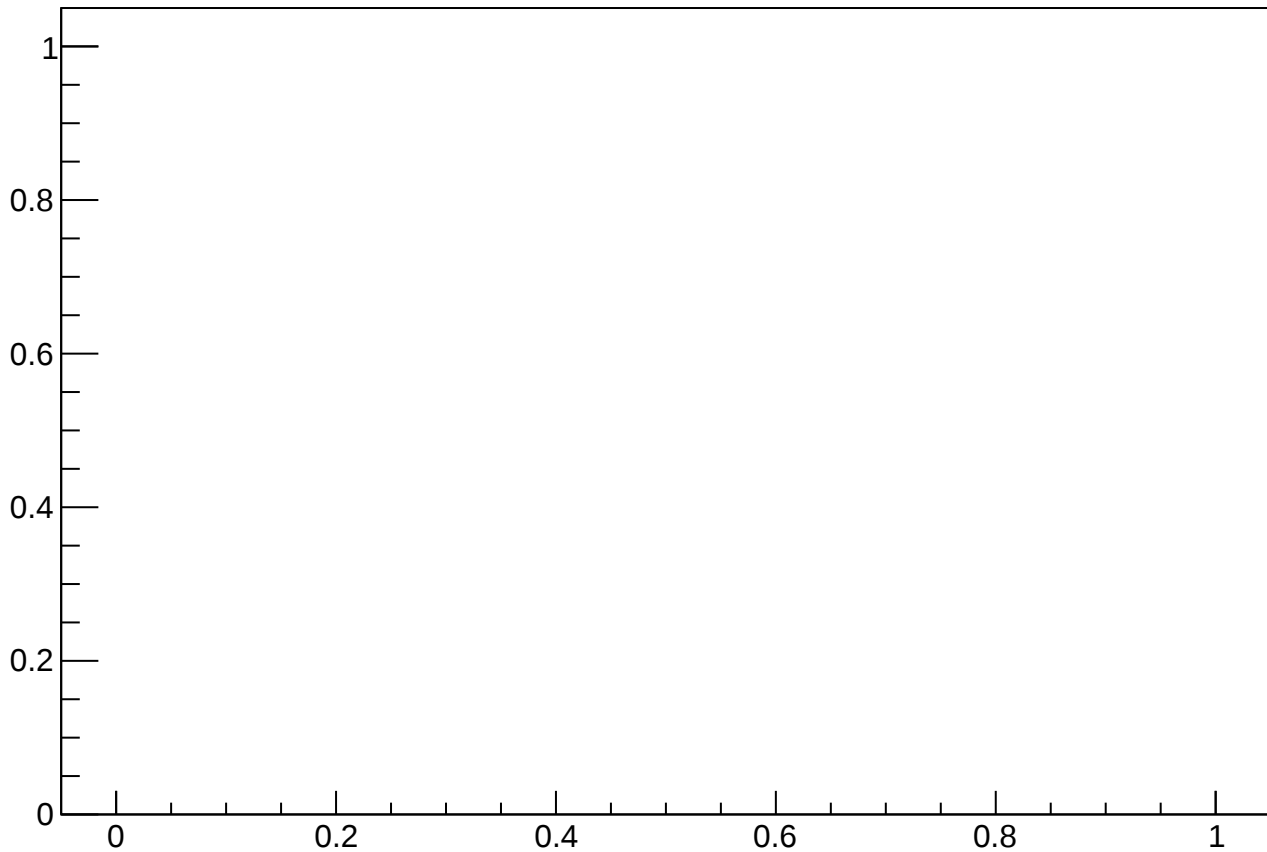
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_avg_rms vs slug



Right In: 0.000+/-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

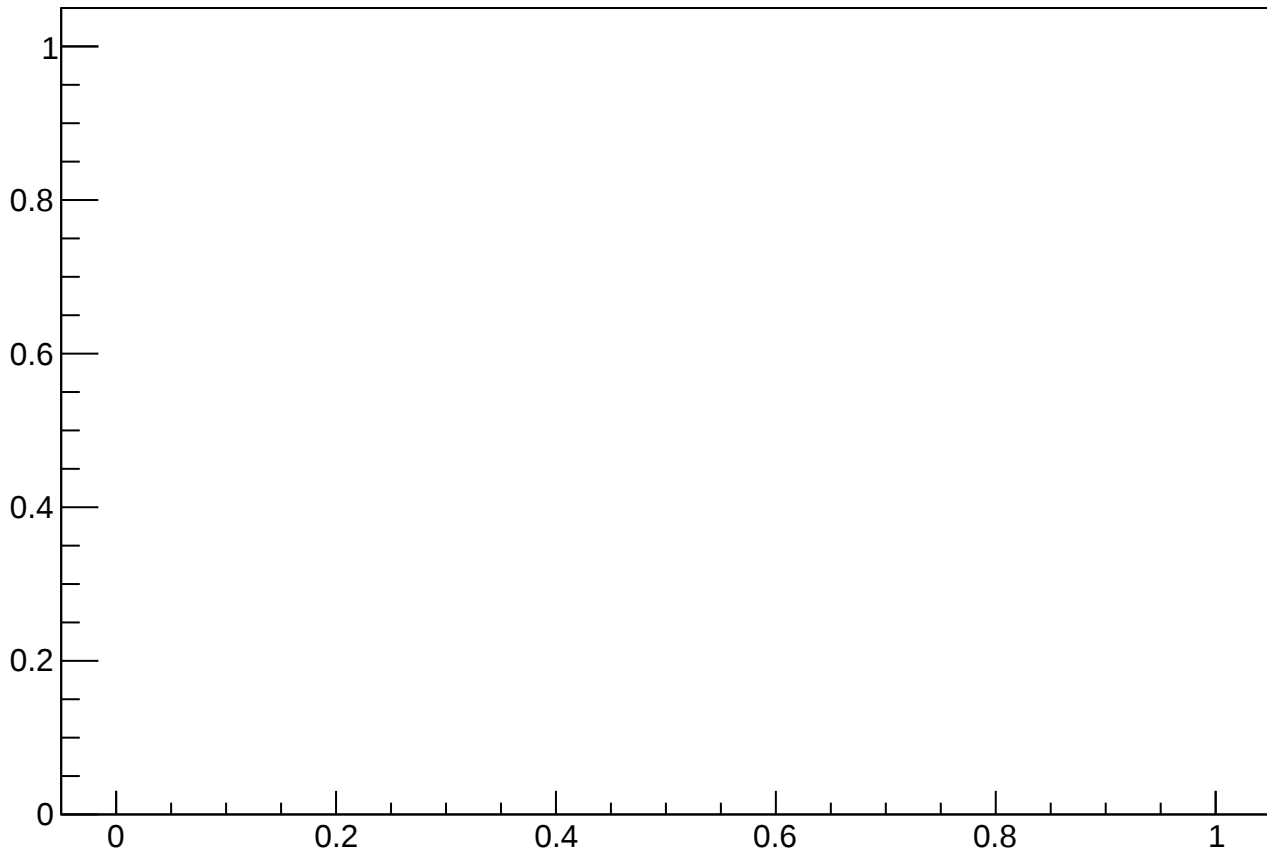
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

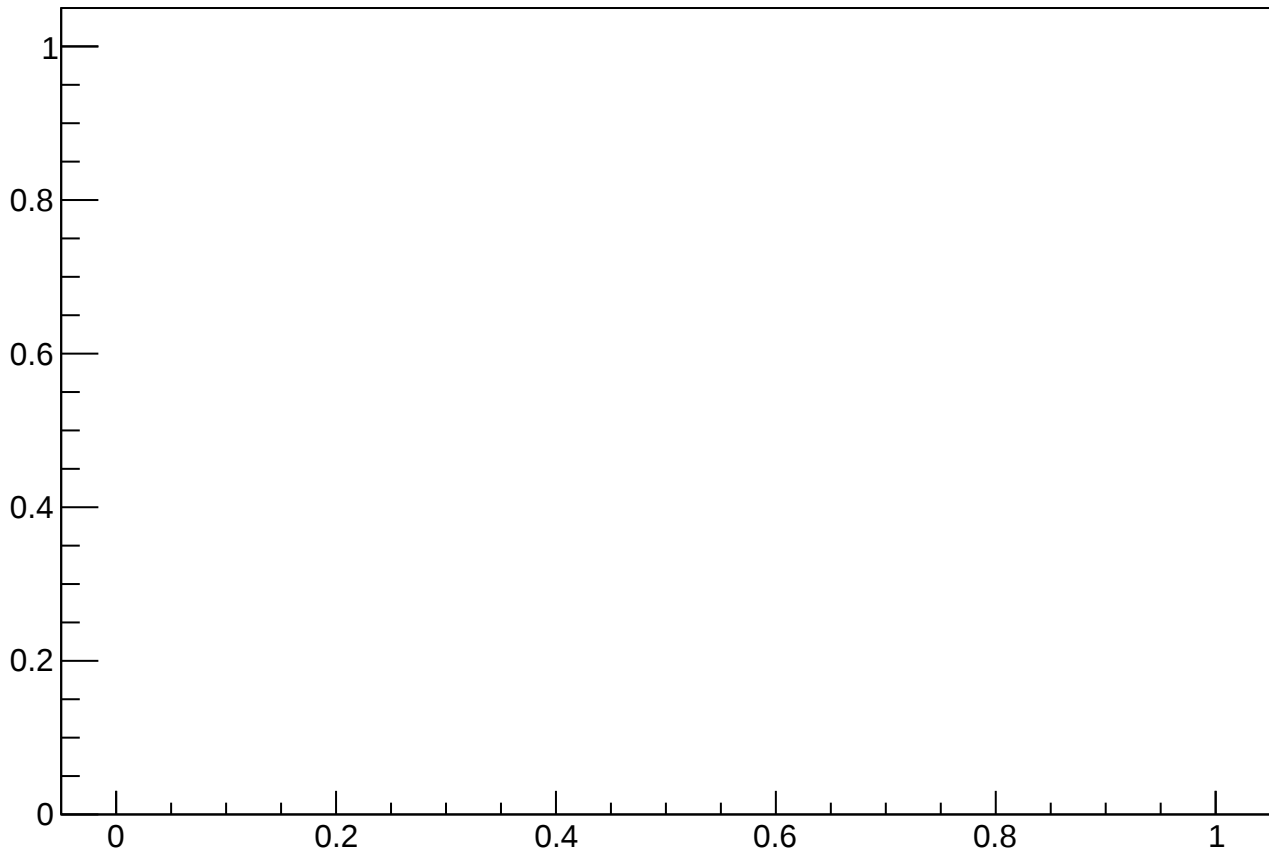
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

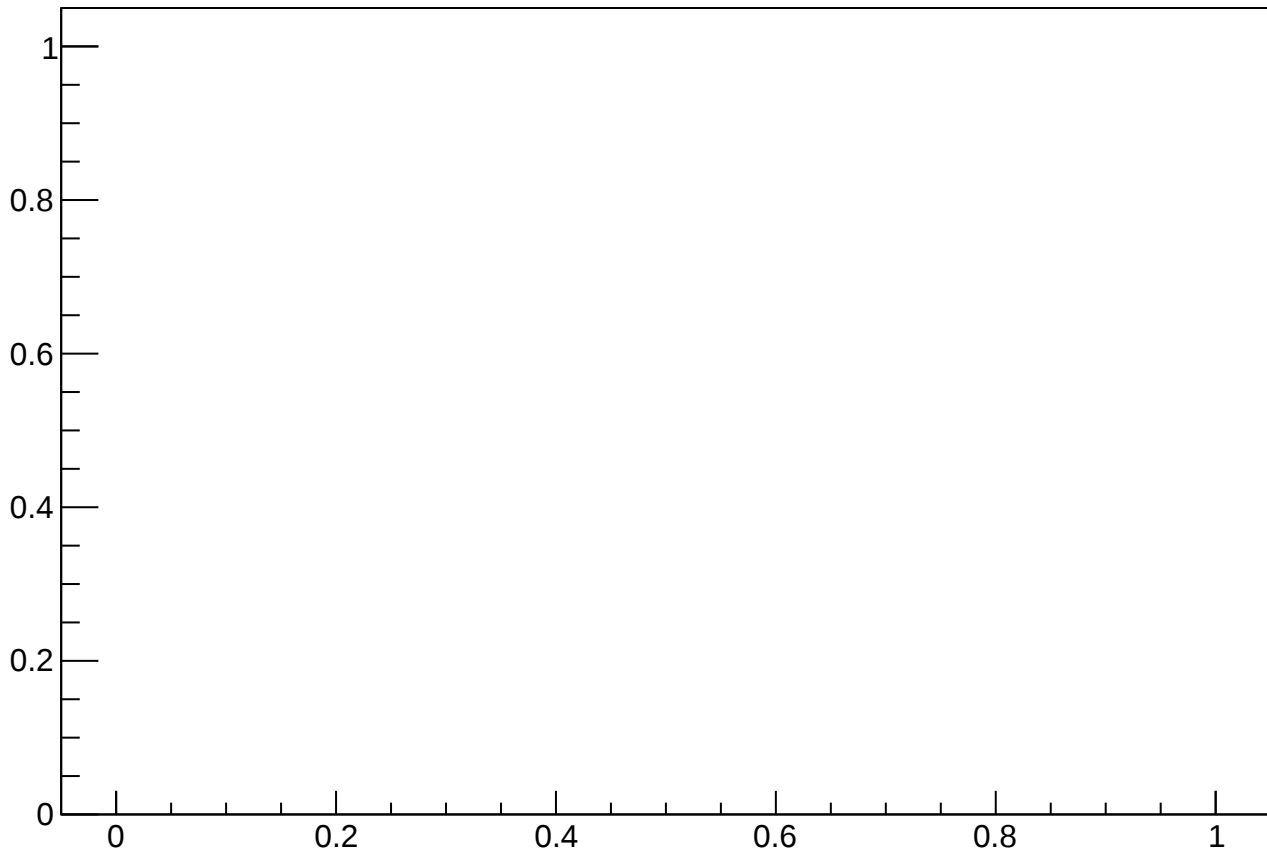
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

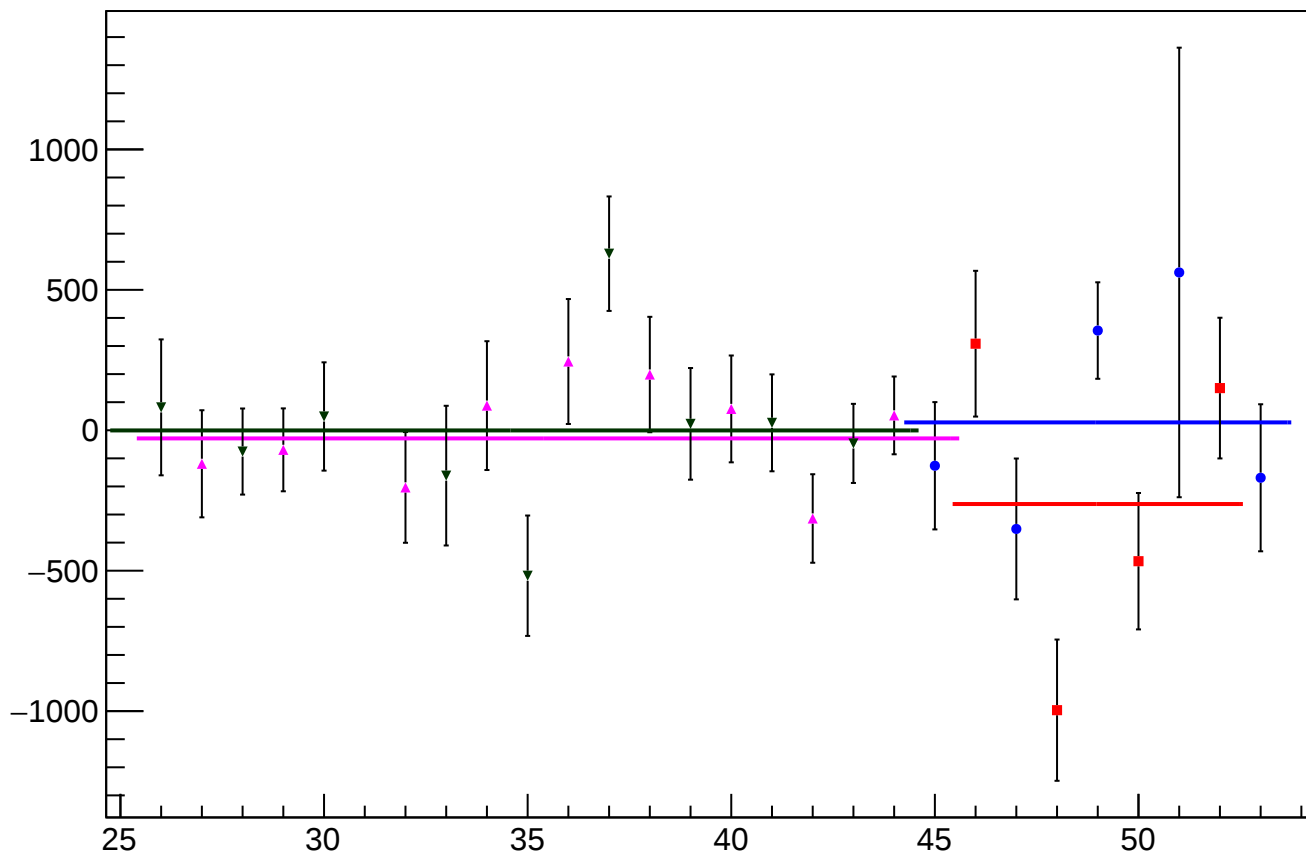
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 28.024 $\pm$ 108.203 χ^2 /NDF: 7.4/4

Left Out: -0.549 $\pm$ 62.274 χ^2 /NDF:16.3/8

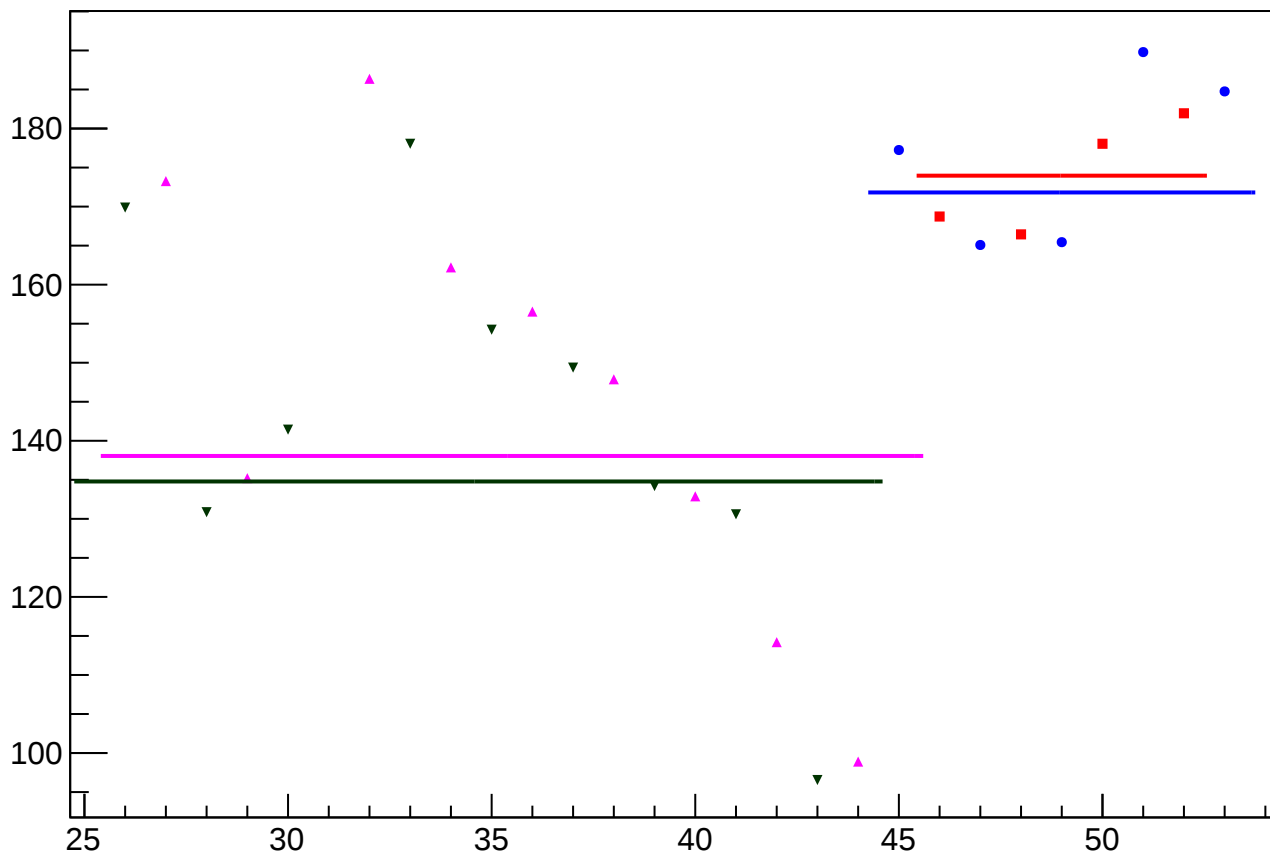
Right Out: -262.602 $\pm$ 125.434 χ^2 /NDF: 16.8/3

Left In: -28.991 $\pm$ 59.537 χ^2 /NDF:8.0/8

6.561 $\pm$ 53.974 χ^2 /NDF: 23.8/13

-71.944 $\pm$ 53.786 χ^2 /NDF: 27.6/12

reg_asym_sam_15_avg_rms vs slug



Right In: 171.812+/-0.077 χ^2/NDF : 11237.7/4

Left Out: 134.788+/-0.044 χ^2/NDF : 281610.1/8

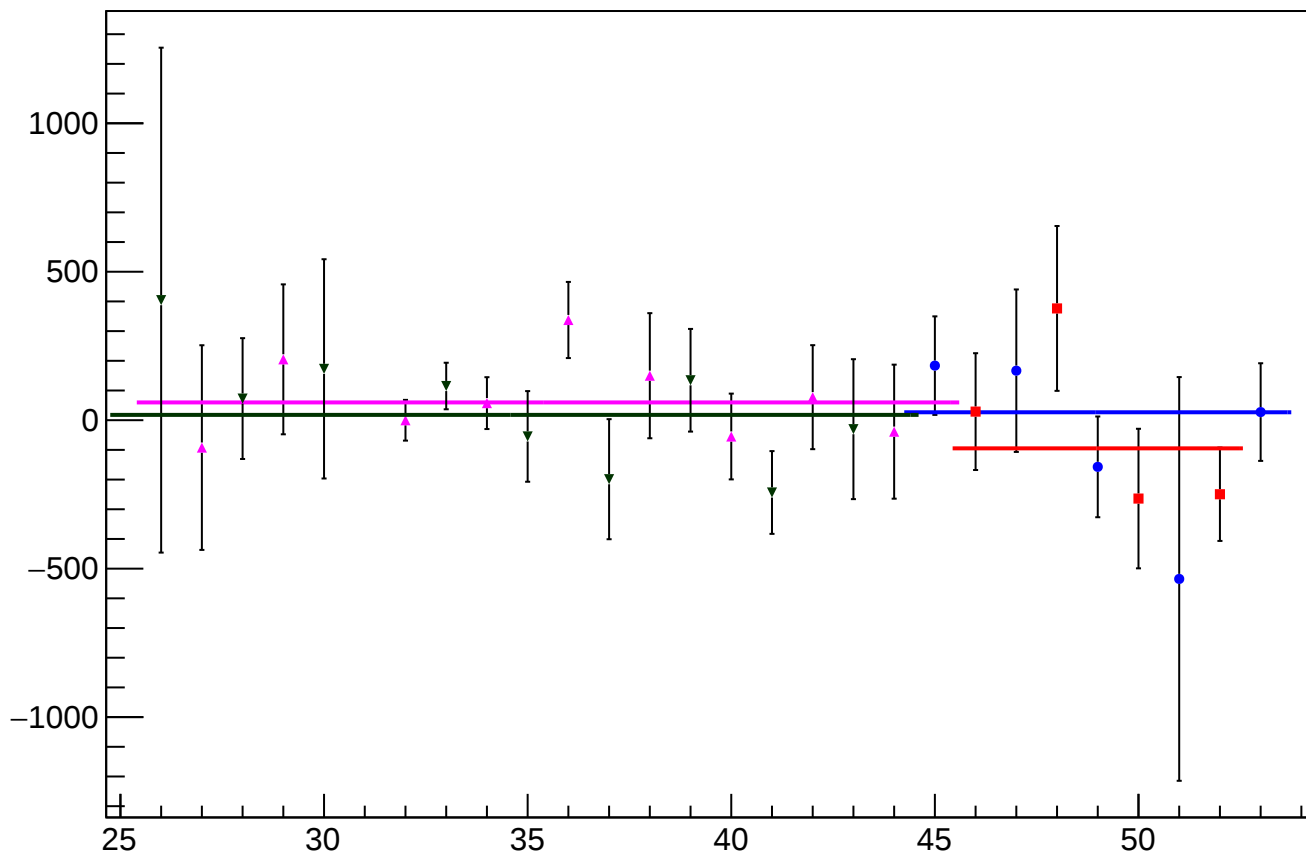
Right Out: 173.962+/-0.089 χ^2/NDF : 5203.2/3

Left In: 138.057+/-0.042 χ^2/NDF : 437023.6/8

144.000+/-0.038 χ^2/NDF : 468744.8/13

144.658+/-0.038 χ^2/NDF : 575977.3/12

asym_sam_15_avg_correction_mean vs slug



Right In: 26.656 ± 89.958 $\chi^2/\text{NDF}: 3.0/4$

Left Out: 17.872 ± 52.271 $\chi^2/\text{NDF}: 7.4/8$

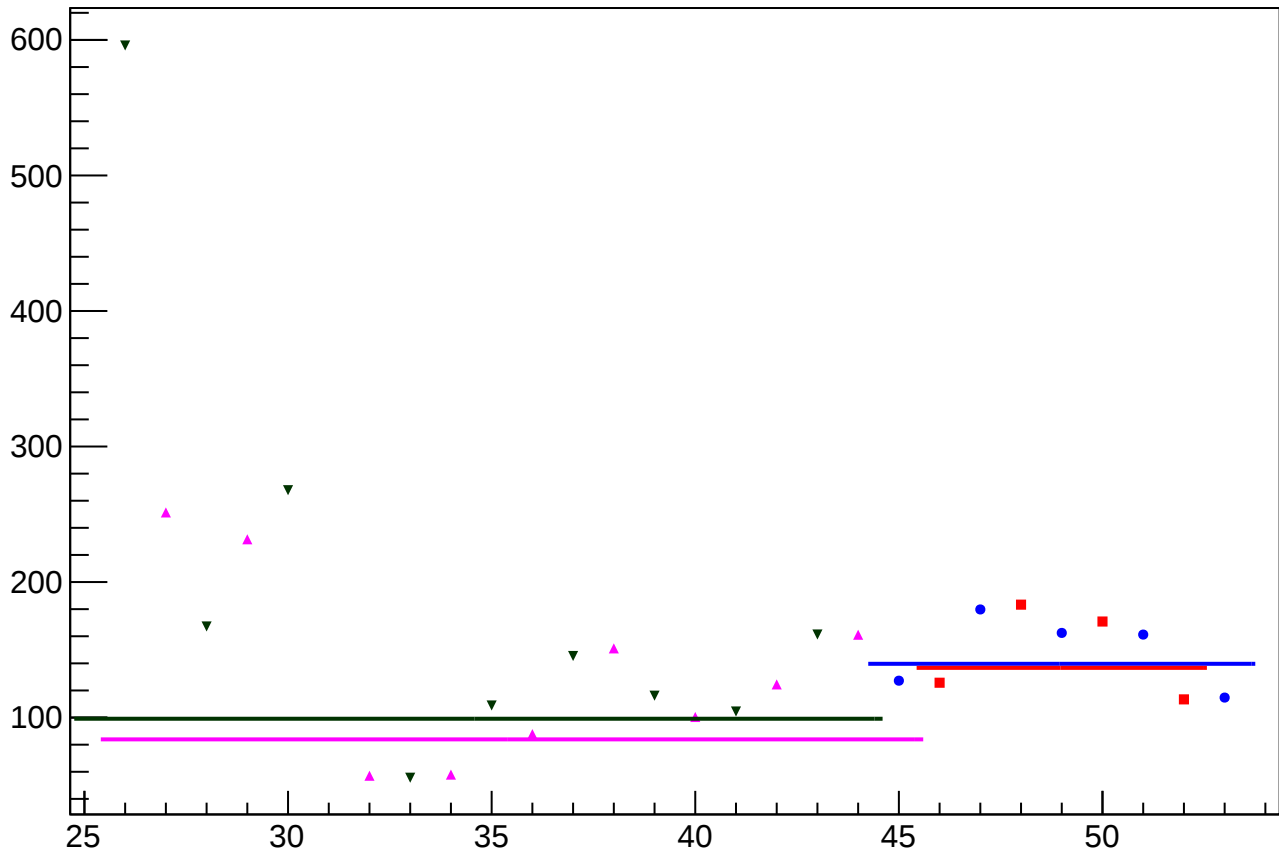
Right Out: -94.850 ± 101.333 $\chi^2/\text{NDF}: 4.8/3$

Left In: 59.828 ± 42.594 $\chi^2/\text{NDF}: 7.0/8$

20.089 ± 45.195 $\chi^2/\text{NDF}: 10.4/13$

36.603 ± 39.266 $\chi^2/\text{NDF}: 13.7/12$

asym_sam_15_avg_correction_rms vs slug



Right In: 139.674+/-0.064 χ^2/NDF : 138278.3/4

Left Out: 99.138+/-0.037 χ^2/NDF :2215033.7/8

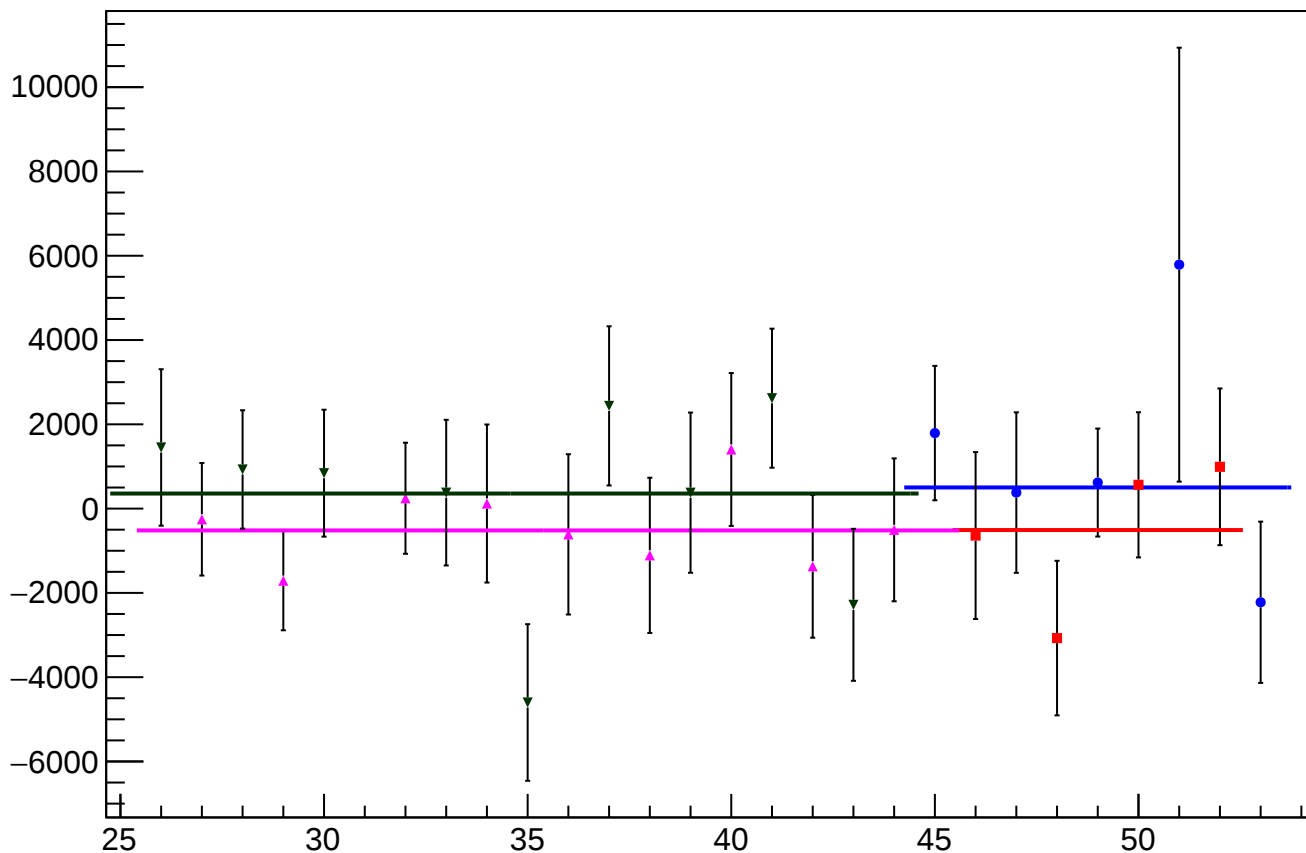
Right Out: 136.680+/-0.072 χ^2/NDF : 148745.2/3

Left In: 83.913+/-0.030 χ^2/NDF :2211357.4/8

109.369+/-0.032 χ^2/NDF : 2656912.9/13

91.836+/-0.028 χ^2/NDF : 2821002.5/12

reg_asym_sam_26_avg_mean vs slug



Right In: 501.898 ± 793.318 $\chi^2/\text{NDF}: 3.7/4$

Left Out: 357.559 ± 568.392 $\chi^2/\text{NDF}: 13.0/8$

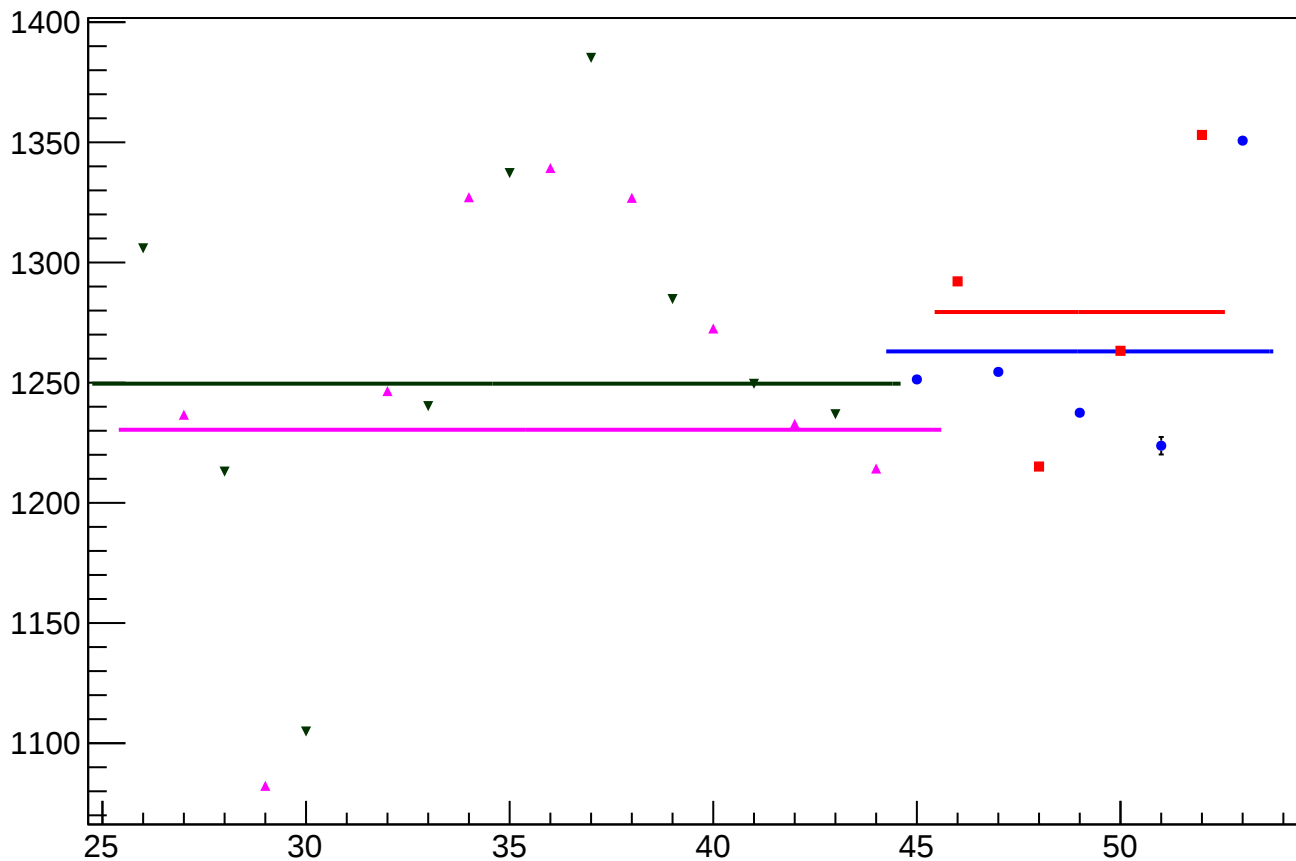
Right Out: -508.780 ± 921.037 $\chi^2/\text{NDF}: 3.0/3$

Left In: -517.544 ± 518.830 $\chi^2/\text{NDF}: 3.0/8$

406.520 ± 462.041 $\chi^2/\text{NDF}: 16.7/13$

-515.433 ± 452.043 $\chi^2/\text{NDF}: 6.0/12$

reg_asym_sam_26_avg_rms vs slug



Right In: 1263.011 ± 0.561 $\chi^2/\text{NDF}: 5256.9/4$

Left Out: 1249.590 ± 0.402 $\chi^2/\text{NDF}: 37264.3/8$

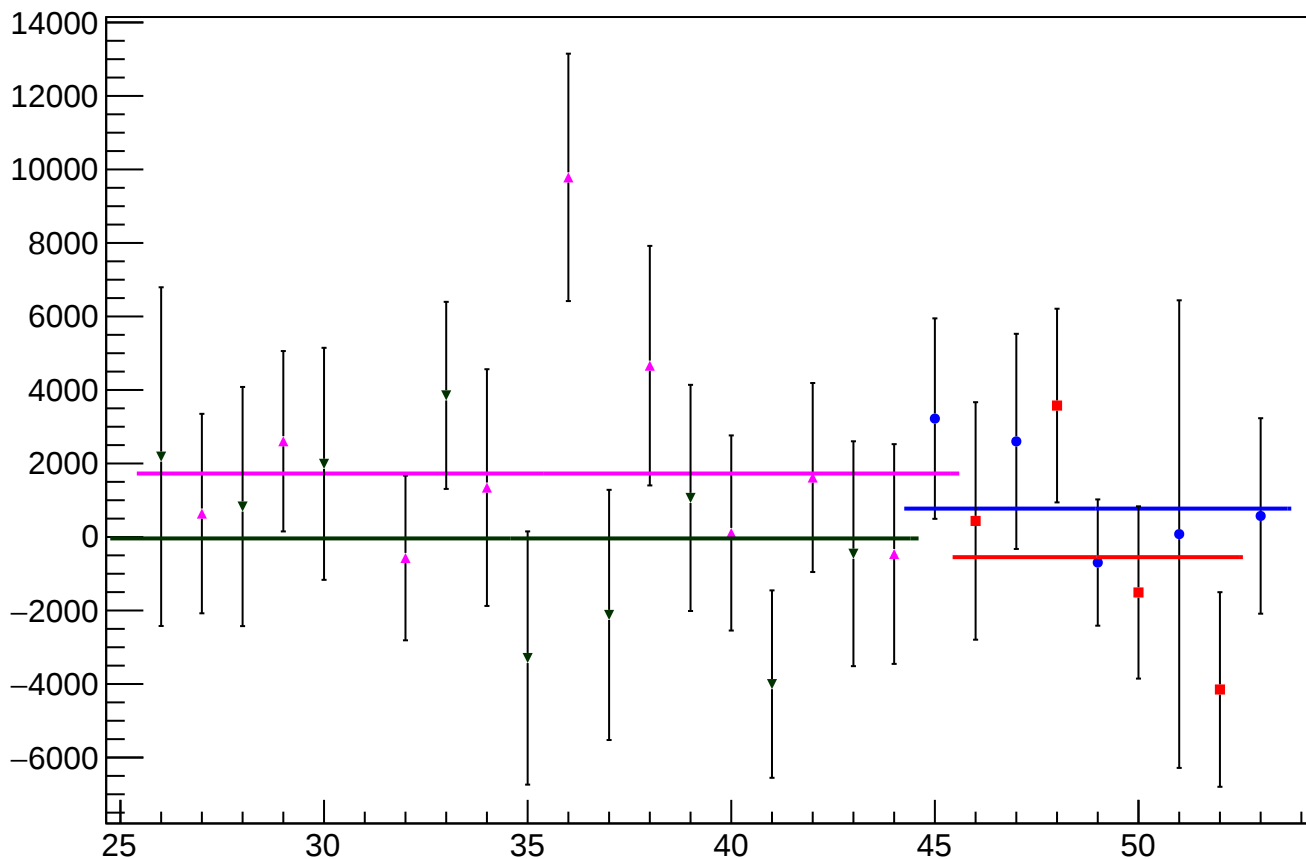
Right Out: 1279.397 ± 0.651 $\chi^2/\text{NDF}: 5856.4/3$

Left In: 1230.414 ± 0.367 $\chi^2/\text{NDF}: 50656.2/8$

1254.142 ± 0.327 $\chi^2/\text{NDF}: 42899.4/13$

1242.213 ± 0.320 $\chi^2/\text{NDF}: 60806.6/12$

asym_sam_26_avg_correction_mean vs slug



Right In: 772.328+/-1150.018 χ^2 /NDF: 1.9/4

Left Out: -39.269+/-1035.135 χ^2 /NDF: 6.9/8

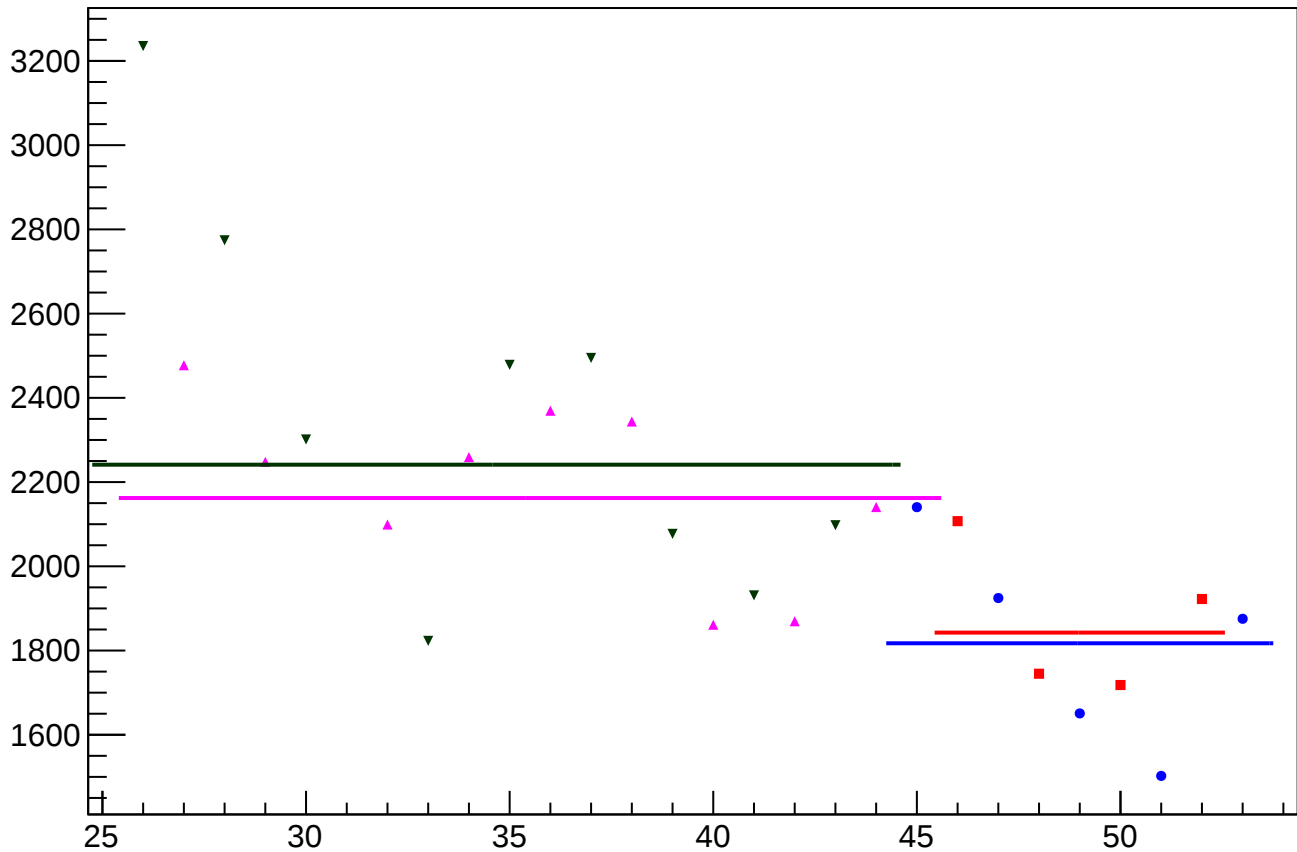
Right Out: -548.706+/-1330.847 χ^2 /NDF: 4.6/3

Left In: 1726.912+/-918.632 χ^2 /NDF: 8.8/8

323.978+/-769.370 χ^2 /NDF: 9.1/13

992.559+/-756.016 χ^2 /NDF: 15.3/12

asym_sam_26_avg_correction_rms vs slug



Right In: 1817.259+/-0.813 χ^2/NDF : 55429.3/4

Left Out: 2241.302+/-0.732 χ^2/NDF : 261773.6/8

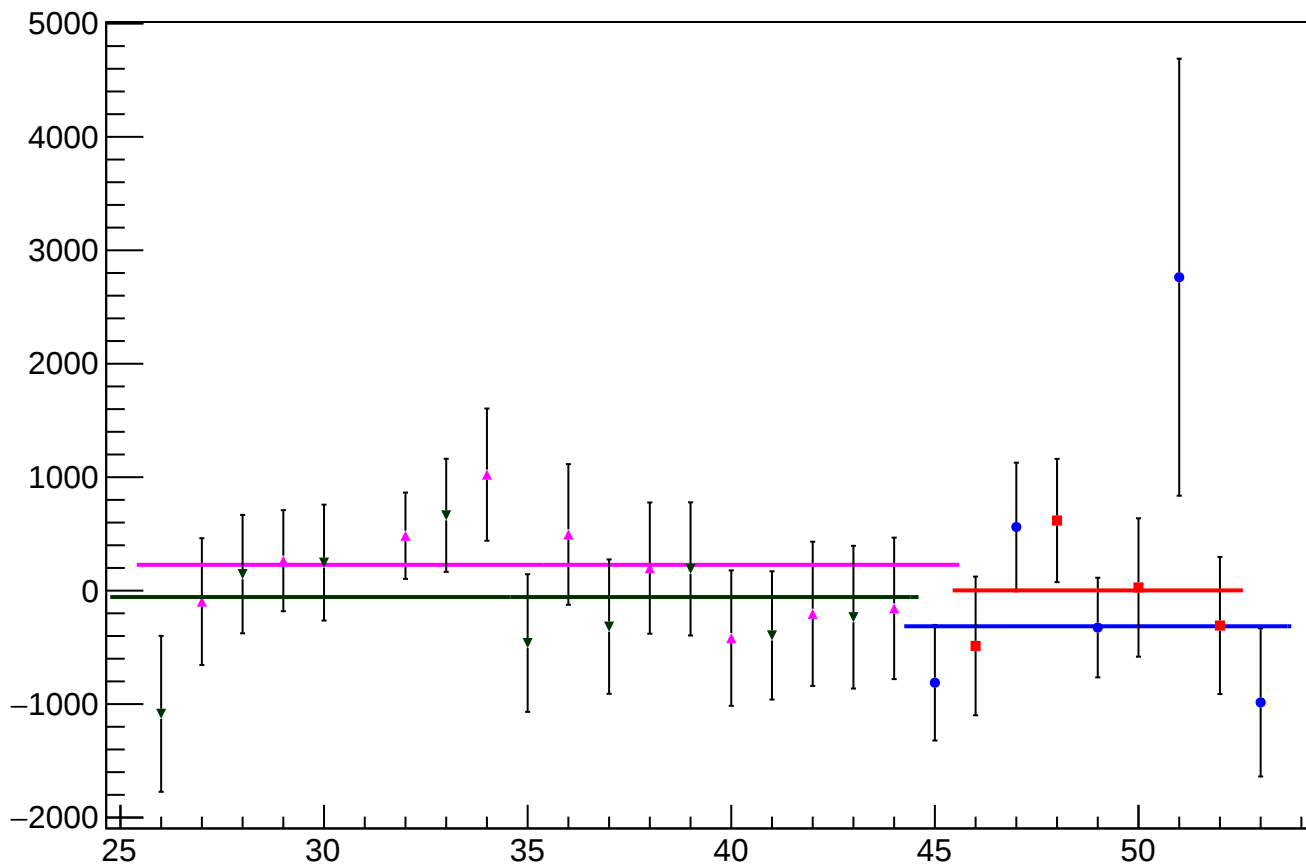
Right Out: 1842.616+/-0.941 χ^2/NDF : 23621.7/3

Left In: 2162.148+/-0.650 χ^2/NDF : 98343.3/8

2051.513+/-0.544 χ^2/NDF : 467419.5/13

2059.034+/-0.535 χ^2/NDF : 200052.5/12

reg_asym_sam_37_avg_mean vs slug



Right In: -314.033+/-260.201 χ^2/NDF : 6.9/4

Left Out: -56.564+/-189.750 χ^2/NDF : 6.1/8

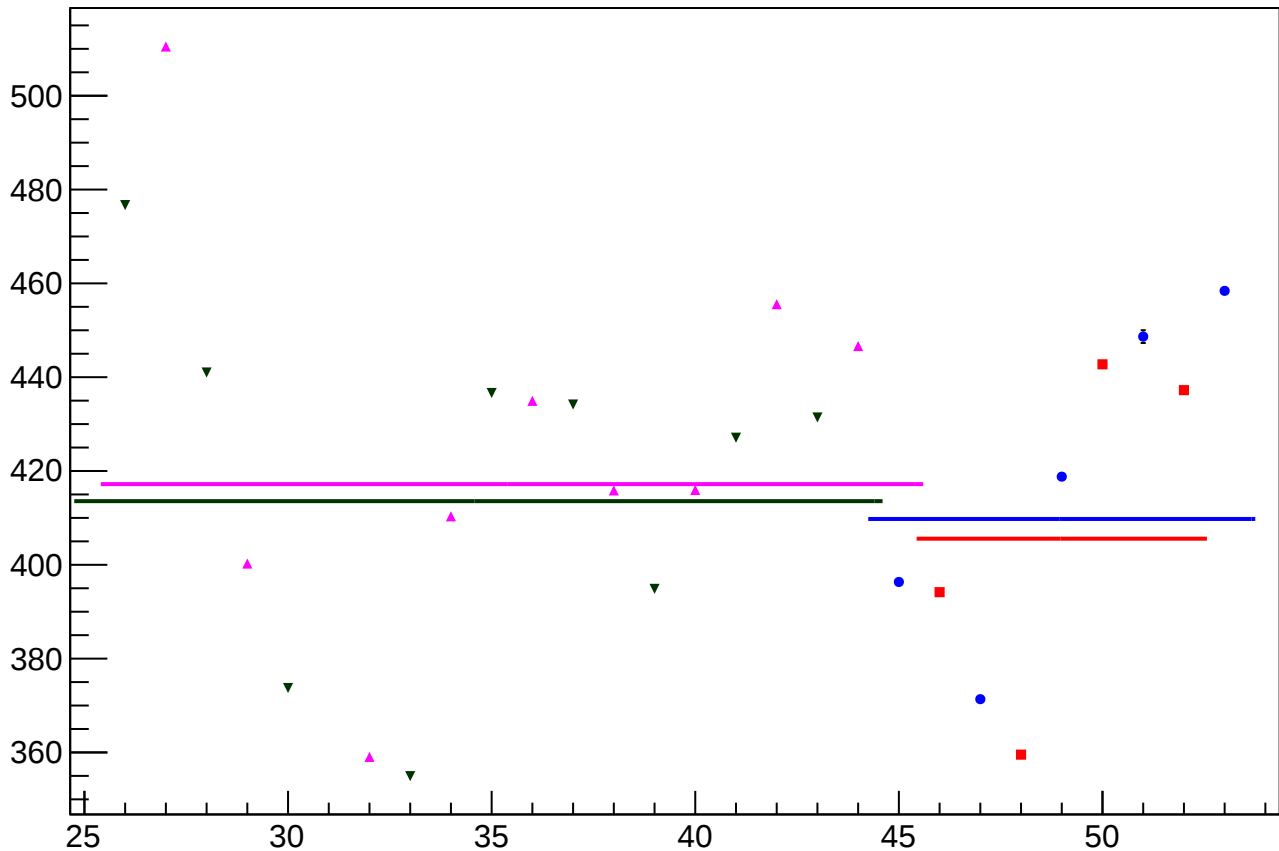
Right Out: 2.171+/-294.985 χ^2/NDF : 2.2/3

Left In: 227.618+/-178.031 χ^2/NDF : 4.9/8

-145.950+/-153.314 χ^2/NDF : 13.7/13

167.425+/-152.423 χ^2/NDF : 7.5/12

reg_asym_sam_37_avg_rms vs slug



Right In: 409.774+/-0.184 χ^2/NDF : 23321.6/4

Left Out: 413.572+/-0.134 χ^2/NDF : 72321.2/8

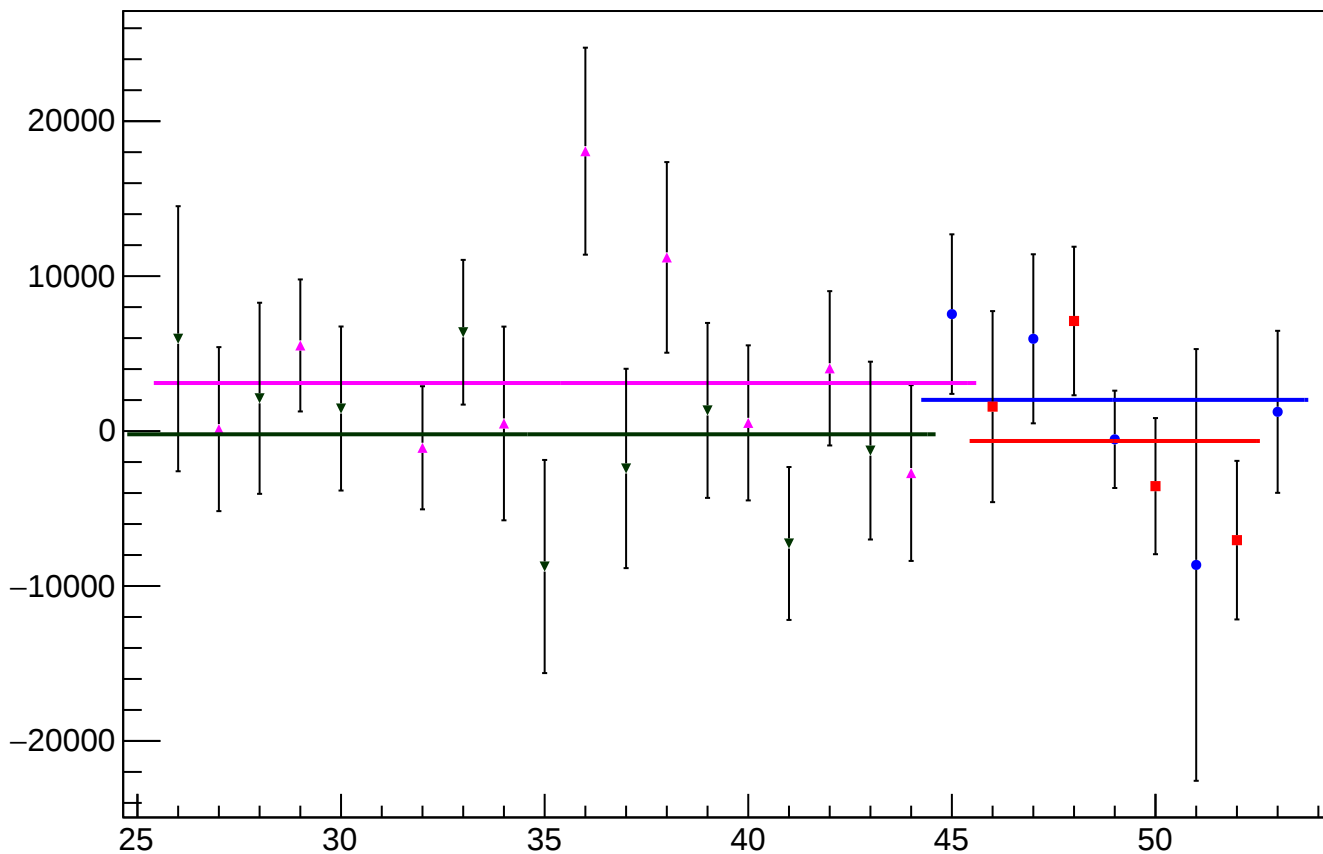
Right Out: 405.571+/-0.209 χ^2/NDF : 27984.2/3

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

412.254+/-0.108 χ^2/NDF : 95921.0/13

414.096+/-0.108 χ^2/NDF : 149327.3/12

asym_sam_37_avg_correction_mean vs slug



Right In: 2012.830+/-2159.746 χ^2/NDF : 2.9/4

Left Out: -208.829+/-1925.930 χ^2/NDF : 6.6/8

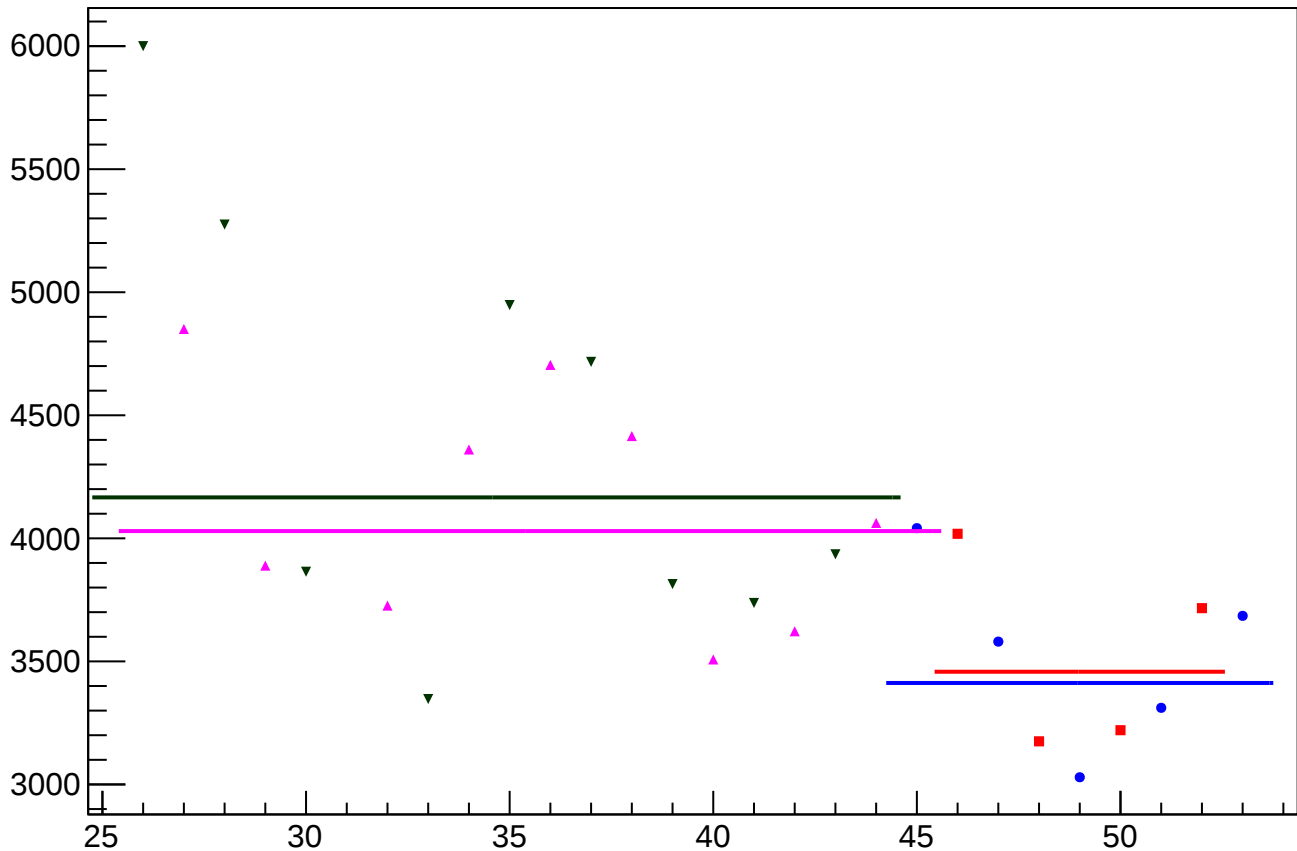
Right Out: -640.772+/-2501.424 χ^2/NDF : 4.7/3

Left In: 3100.951+/-1715.208 χ^2/NDF : 10.0/8

775.274+/-1437.422 χ^2/NDF : 10.1/13

1904.316+/-1414.596 χ^2/NDF : 16.3/12

asym_sam_37_avg_correction_rms vs slug



Right In: 3412.322 ± 1.527 χ^2/NDF : 67052.7/4

Left Out: 4166.379 ± 1.362 χ^2/NDF : 291206.4/8

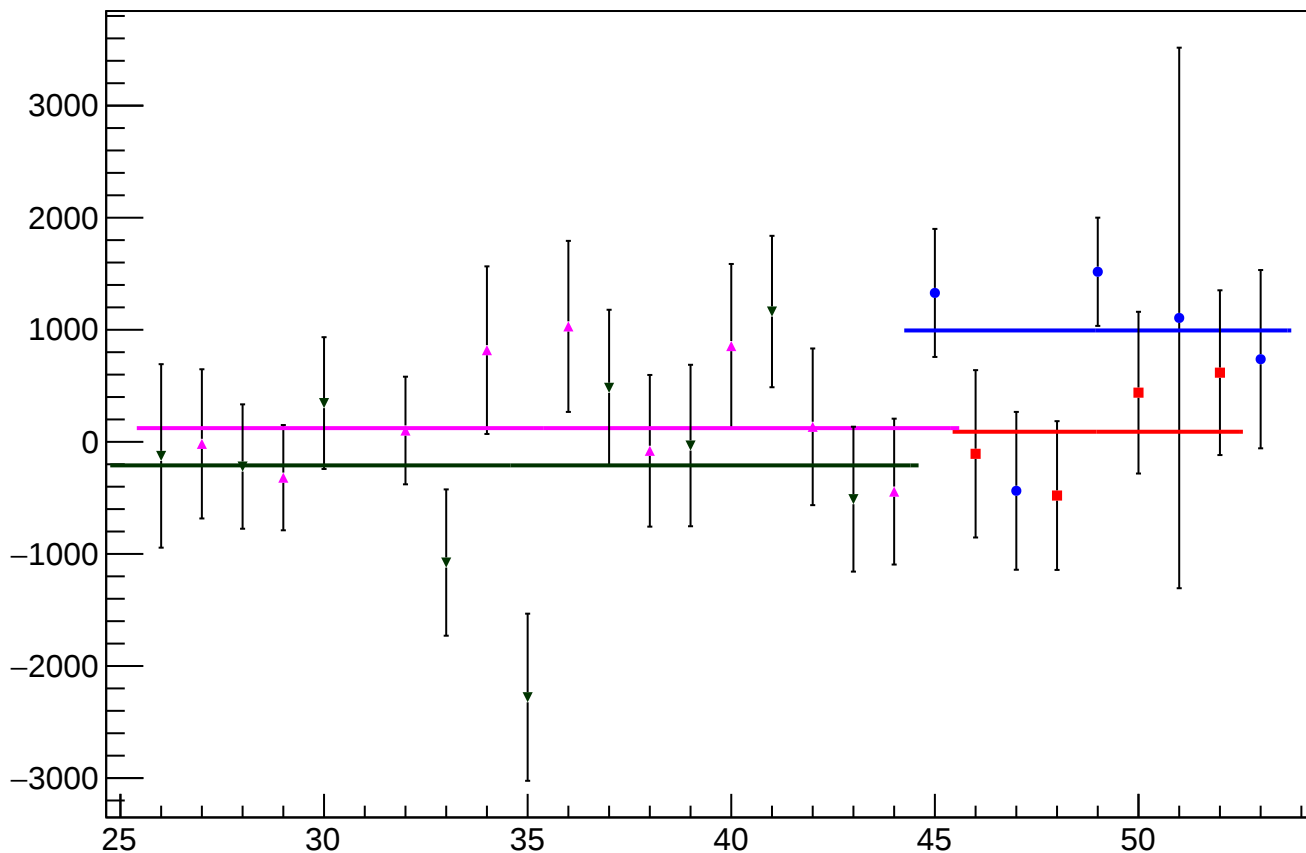
Right Out: 3457.945 ± 1.769 χ^2/NDF : 34436.7/3

Left In: 4029.510 ± 1.213 χ^2/NDF : 131051.5/8

3832.363 ± 1.016 χ^2/NDF : 494065.8/13

3846.719 ± 1.000 χ^2/NDF : 236514.4/12

reg_asym_sam_48_avg_mean vs slug



Right In: 993.979 $\pm$ 299.861 χ^2/NDF : 5.8/4

Left Out: -209.900 $\pm$ 221.674 χ^2/NDF : 15.8/8

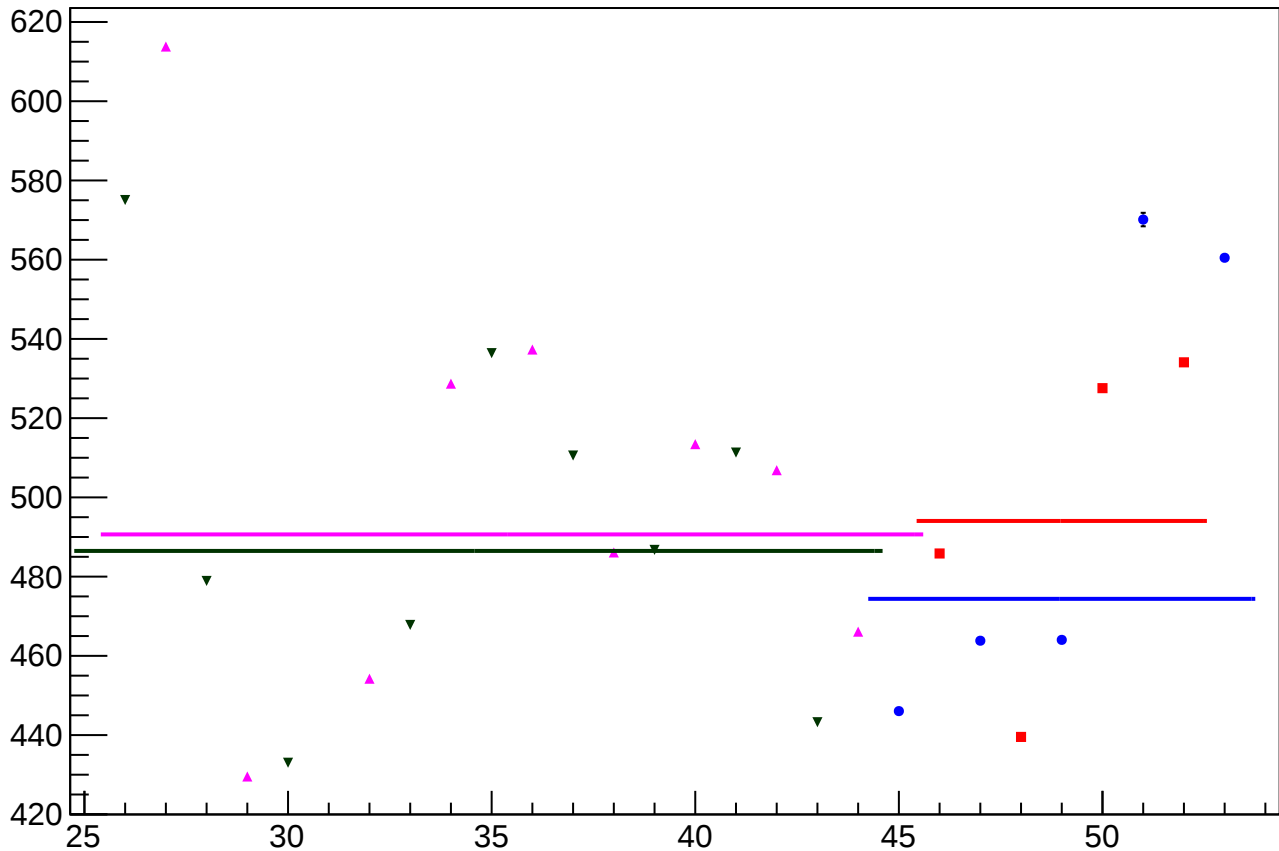
Right Out: 90.236 $\pm$ 357.247 χ^2/NDF : 1.6/3

Left In: 122.495 $\pm$ 208.120 χ^2/NDF : 5.1/8

215.524 $\pm$ 178.254 χ^2/NDF : 31.9/13

114.321 $\pm$ 179.830 χ^2/NDF : 6.6/12

reg_asym_sam_48_avg_rms vs slug



Right In: 474.388 ± 0.212 χ^2/NDF : 32873.8/4

Left Out: 486.485 ± 0.157 χ^2/NDF : 64970.9/8

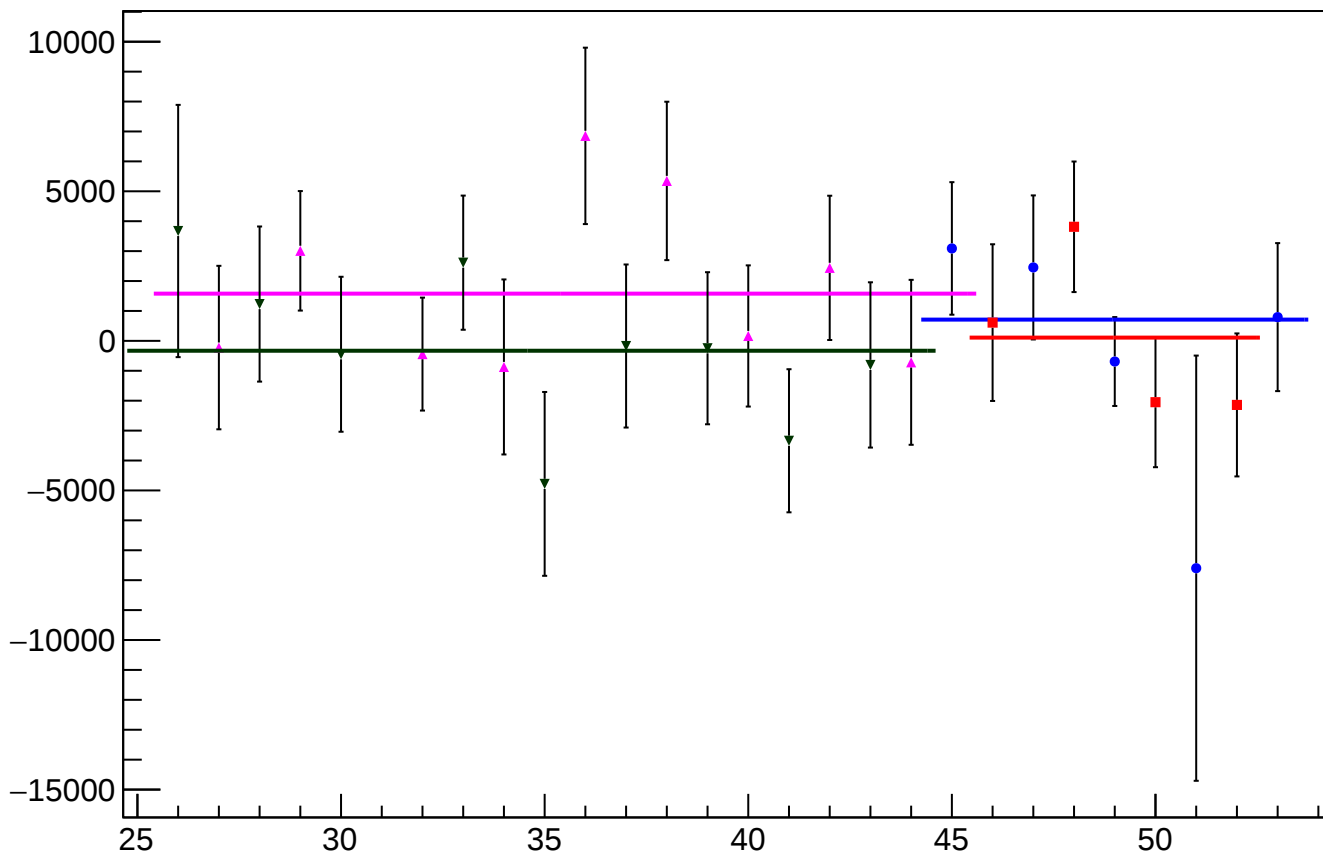
Right Out: 494.053 ± 0.253 χ^2/NDF : 23986.1/3

Left In: 490.653 ± 0.147 χ^2/NDF : 132367.6/8

482.210 ± 0.126 χ^2/NDF : 99949.4/13

491.516 ± 0.127 χ^2/NDF : 156488.9/12

asym_sam_48_avg_correction_mean vs slug



Right In: 710.636 $\pm$ 993.852 χ^2 /NDF: 3.9/4

Left Out: -330.295 $\pm$ 892.971 χ^2 /NDF: 6.7/8

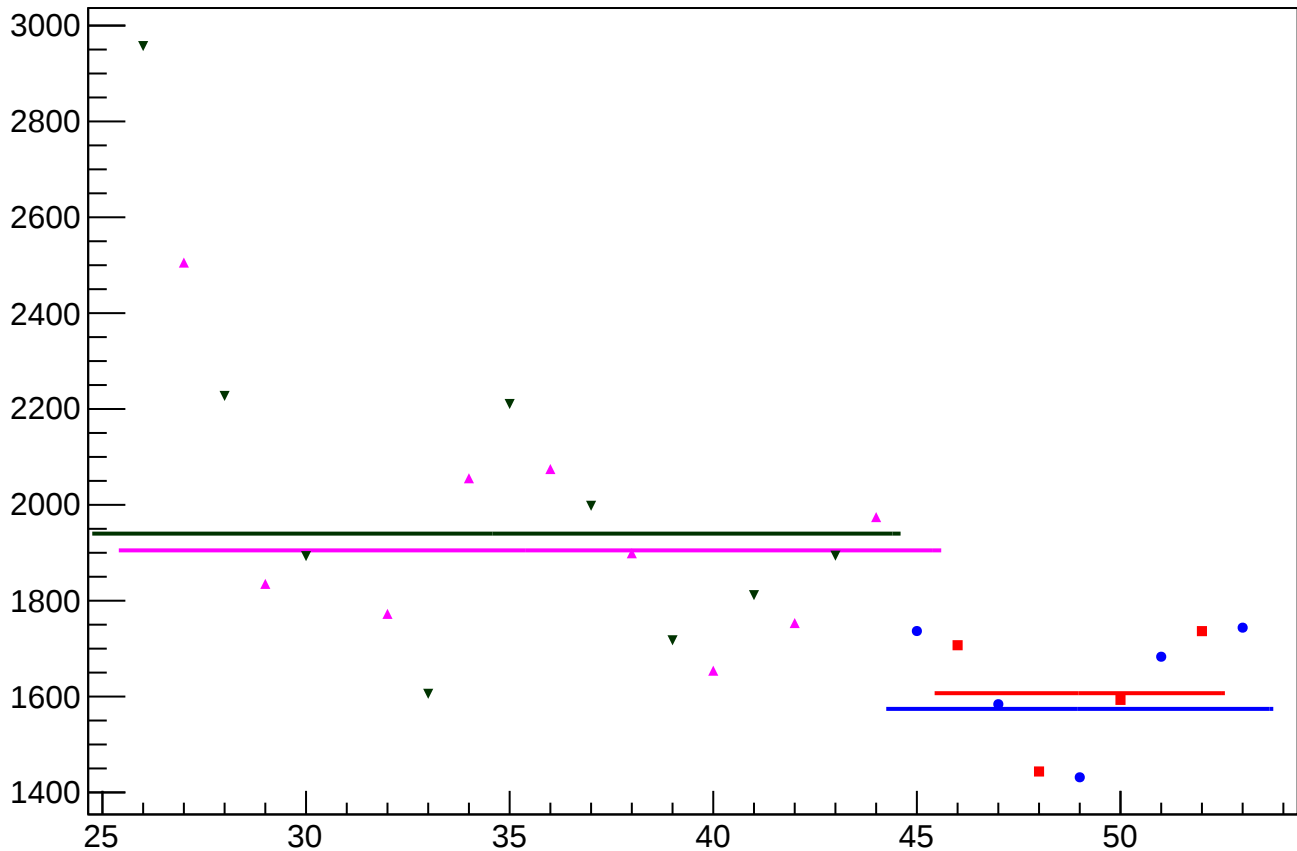
Right Out: 108.929 $\pm$ 1160.499 χ^2 /NDF: 4.8/3

Left In: 1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

134.674 $\pm$ 664.237 χ^2 /NDF: 11.2/13

1096.843 $\pm$ 664.409 χ^2 /NDF: 15.1/12

asym_sam_48_avg_correction_rms vs slug



Right In: 1574.279+/-0.703 χ^2/NDF : 39100.8/4

Left Out: 1939.983+/-0.631 χ^2/NDF :224092.6/8

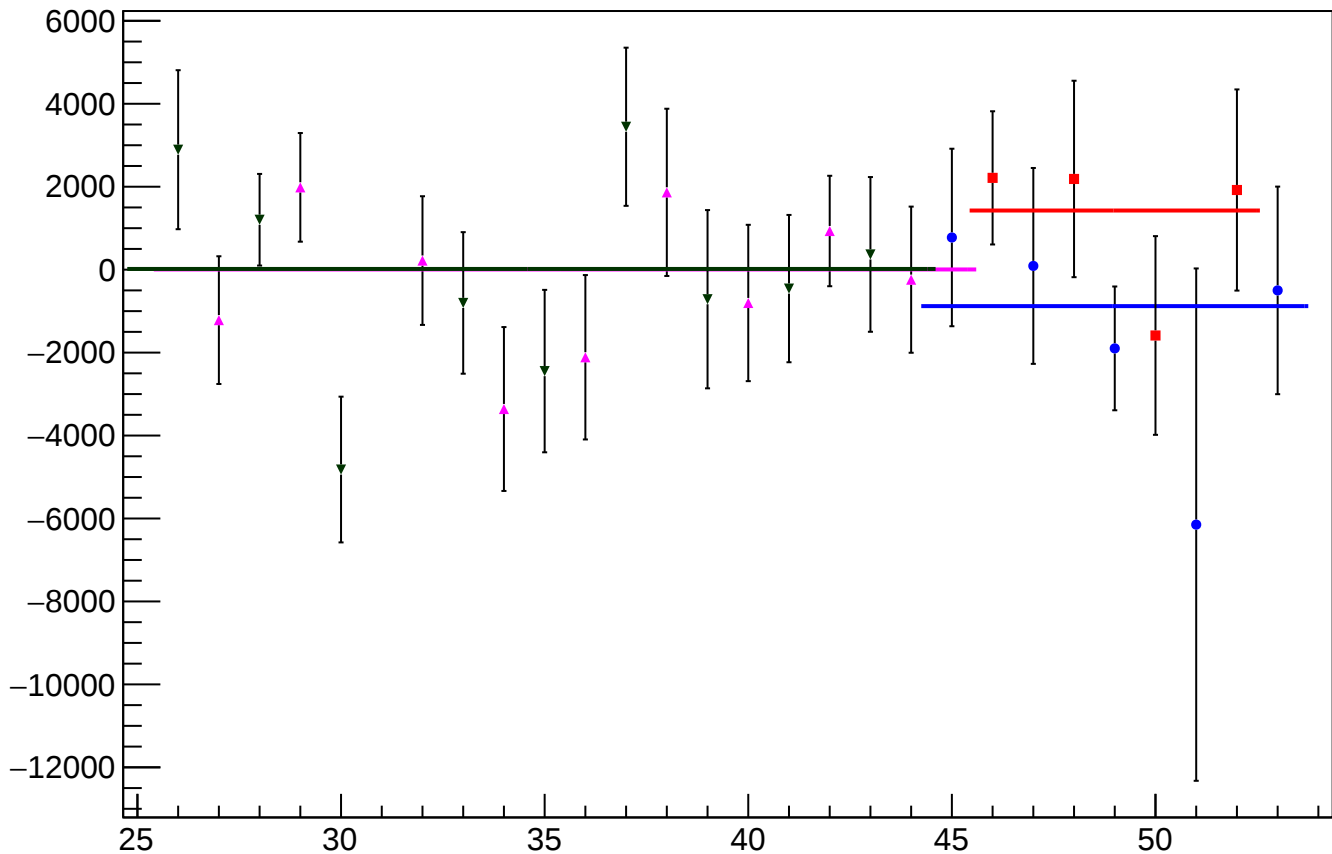
1776.628+/-0.470 χ^2/NDF : 413030.2/13

Right Out: 1607.026+/-0.821 χ^2/NDF : 20082.9/3

1807.337+/-0.470 χ^2/NDF : 261338.9/12

Left In: 1905.010+/-0.573 χ^2/NDF :152614.4/8

asym_sam_15_dd_mean vs slug



Right In: -879.055 ± 984.133 $\chi^2/\text{NDF}: 2.0/4$

Left Out: 17.049 ± 566.564 $\chi^2/\text{NDF}: 16.2/8$

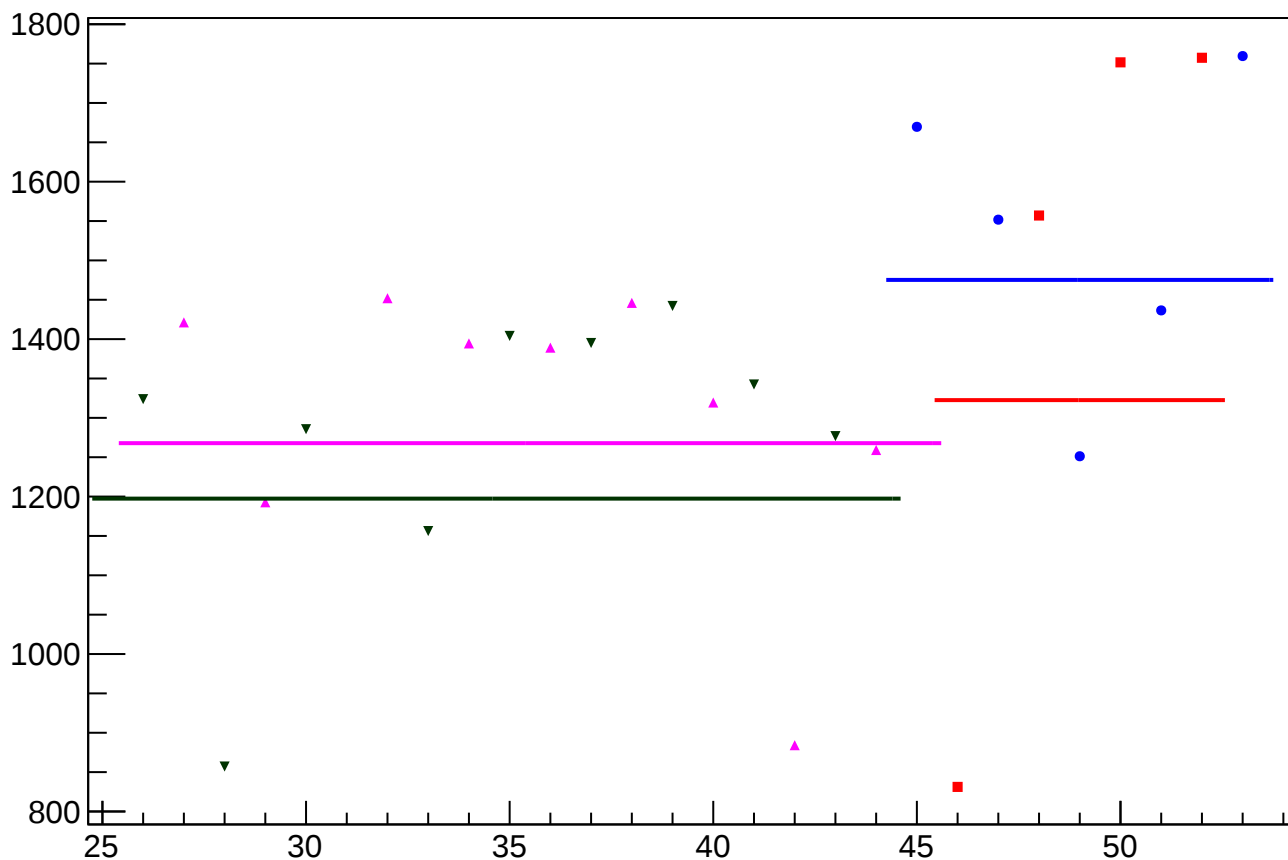
Right Out: 1425.978 ± 1048.130 $\chi^2/\text{NDF}: 2.0/3$

Left In: 4.879 ± 546.821 $\chi^2/\text{NDF}: 8.5/8$

-206.016 ± 491.009 $\chi^2/\text{NDF}: 18.9/13$

308.922 ± 484.809 $\chi^2/\text{NDF}: 11.9/12$

asym_sam_15_dd_rms vs slug



Right In: 1475.232+/-0.696 χ^2/NDF : 89561.4/4

Left Out: 1197.414+/-0.401 χ^2/NDF : 291303.5/8

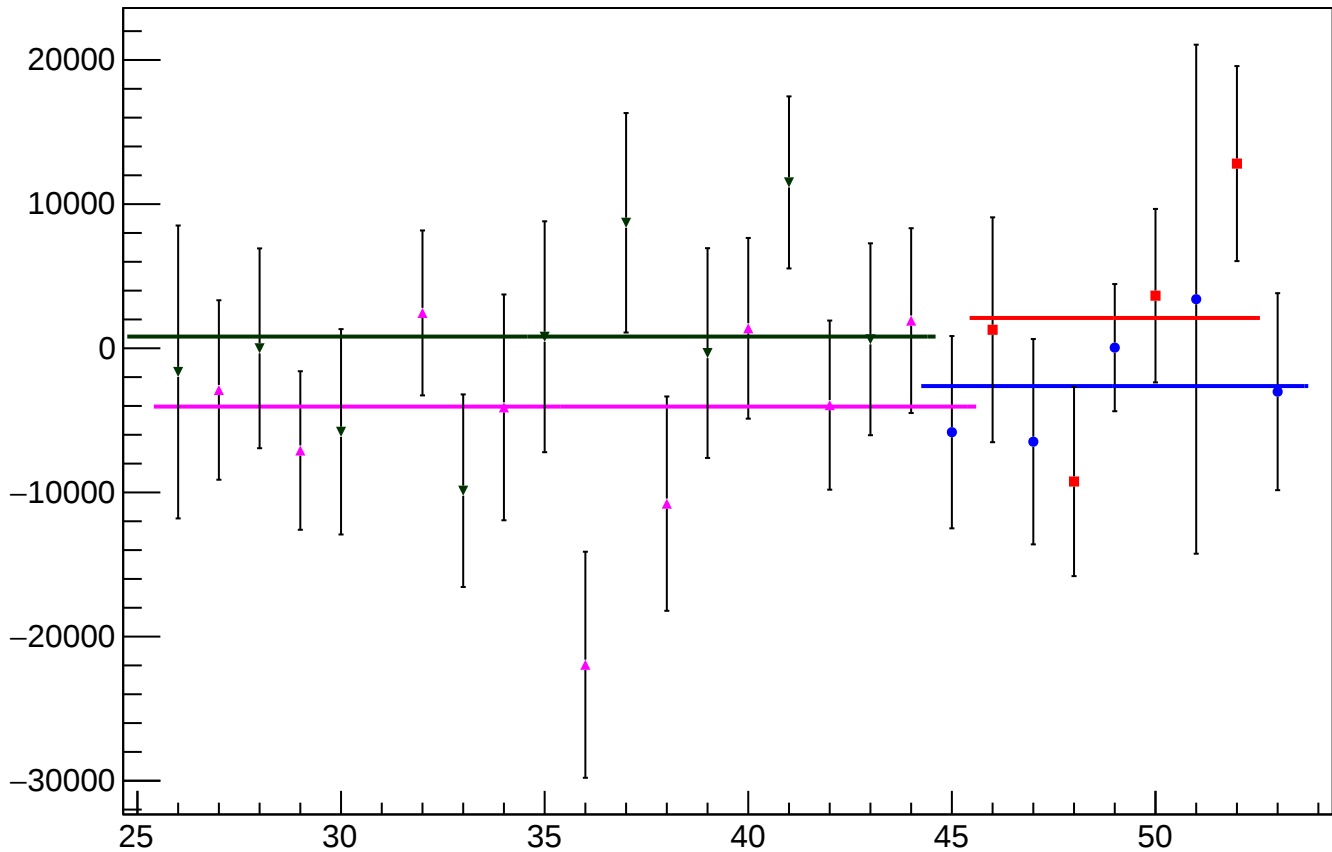
Right Out: 1322.532+/-0.741 χ^2/NDF : 335251.3/3

Left In: 1267.855+/-0.387 χ^2/NDF : 253536.2/8

1266.570+/-0.347 χ^2/NDF : 500573.8/13

1279.553+/-0.343 χ^2/NDF : 593065.9/12

asym_sam_26_dd_mean vs slug



Right In: -2620.880±/2908.459 χ^2/NDF : 1.0/4

Left Out: 812.648±/2390.317 χ^2/NDF : 7.8/8

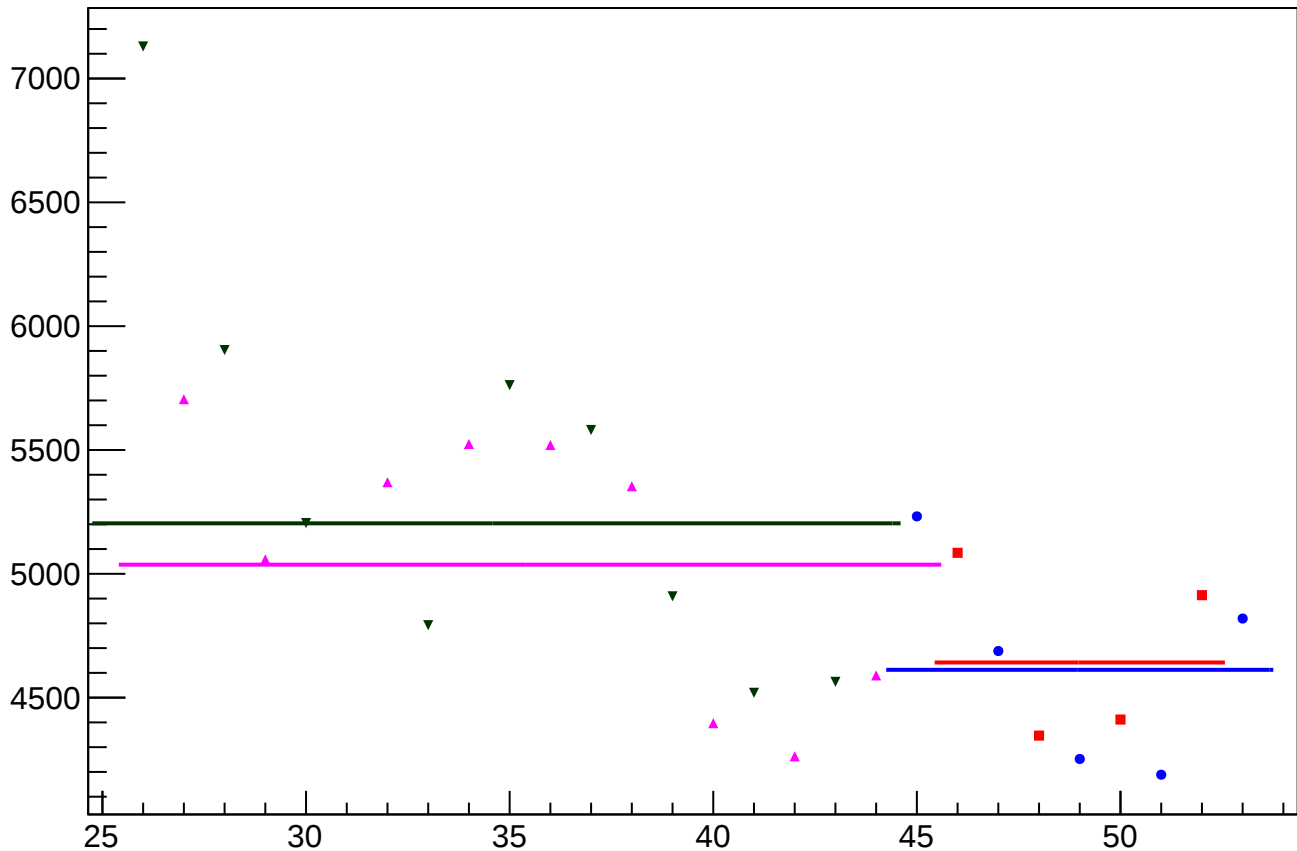
Right Out: 2103.566±/3349.707 χ^2/NDF : 5.6/3

Left In: -4044.605±/2137.141 χ^2/NDF : 9.3/8

-571.548±/1846.679 χ^2/NDF : 9.6/13

-2265.967±/1801.680 χ^2/NDF : 17.2/12

asym_sam_26_dd_rms vs slug



Right In: 4612.328+/-2.057 χ^2/NDF : 33799.0/4

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

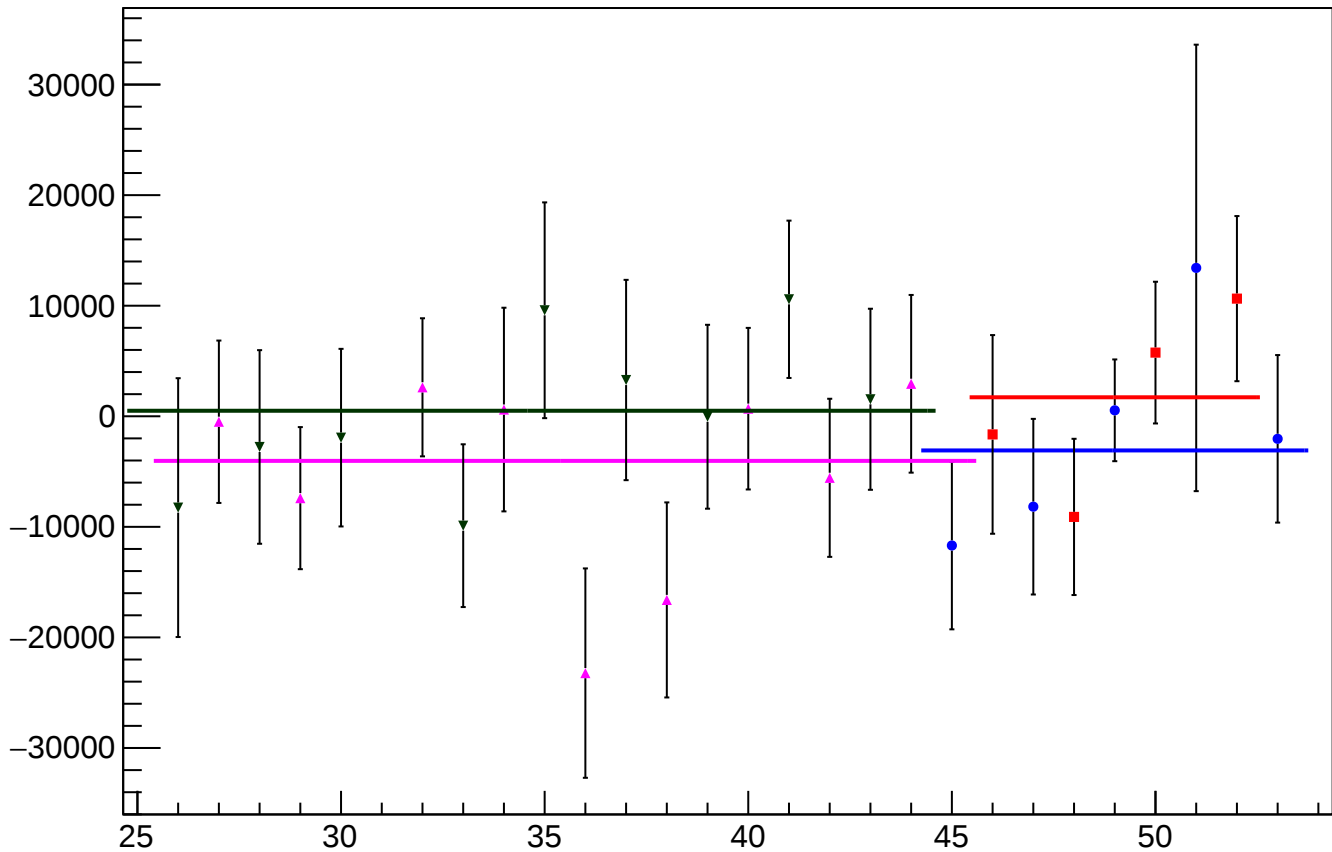
Right Out: 4642.015+/-2.369 χ^2/NDF : 16655.4/3

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

4965.372+/-1.306 χ^2/NDF : 245682.0/13

4922.712+/-1.274 χ^2/NDF : 150638.8/12

asym_sam_37_dd_mean vs slug



Right In: -3089.570 ± 3156.685 $\chi^2/\text{NDF}: 3.0/4$

Left Out: 499.140 ± 2815.711 $\chi^2/\text{NDF}: 5.8/8$

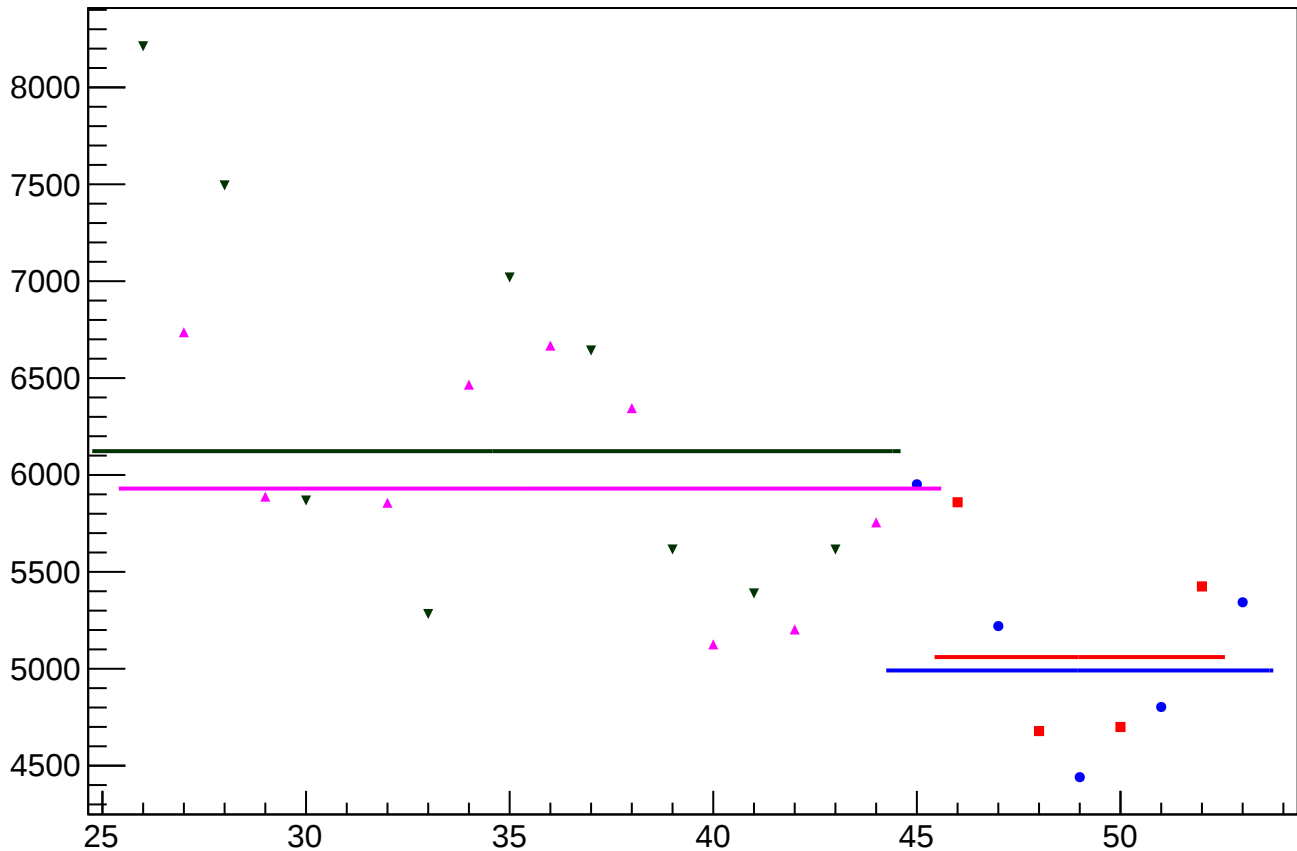
-1090.995 ± 2101.257 $\chi^2/\text{NDF}: 9.5/13$

Right Out: 1717.522 ± 3658.784 $\chi^2/\text{NDF}: 4.3/3$

Left In: -4033.740 ± 2515.841 $\chi^2/\text{NDF}: 9.3/8$

-2187.419 ± 2073.046 $\chi^2/\text{NDF}: 15.2/12$

asym_sam_37_dd_rms vs slug



Right In: 4991.258+/-2.232 χ^2/NDF : 66892.9/4

Left Out: 6122.948+/-1.991 χ^2/NDF : 200766.5/8

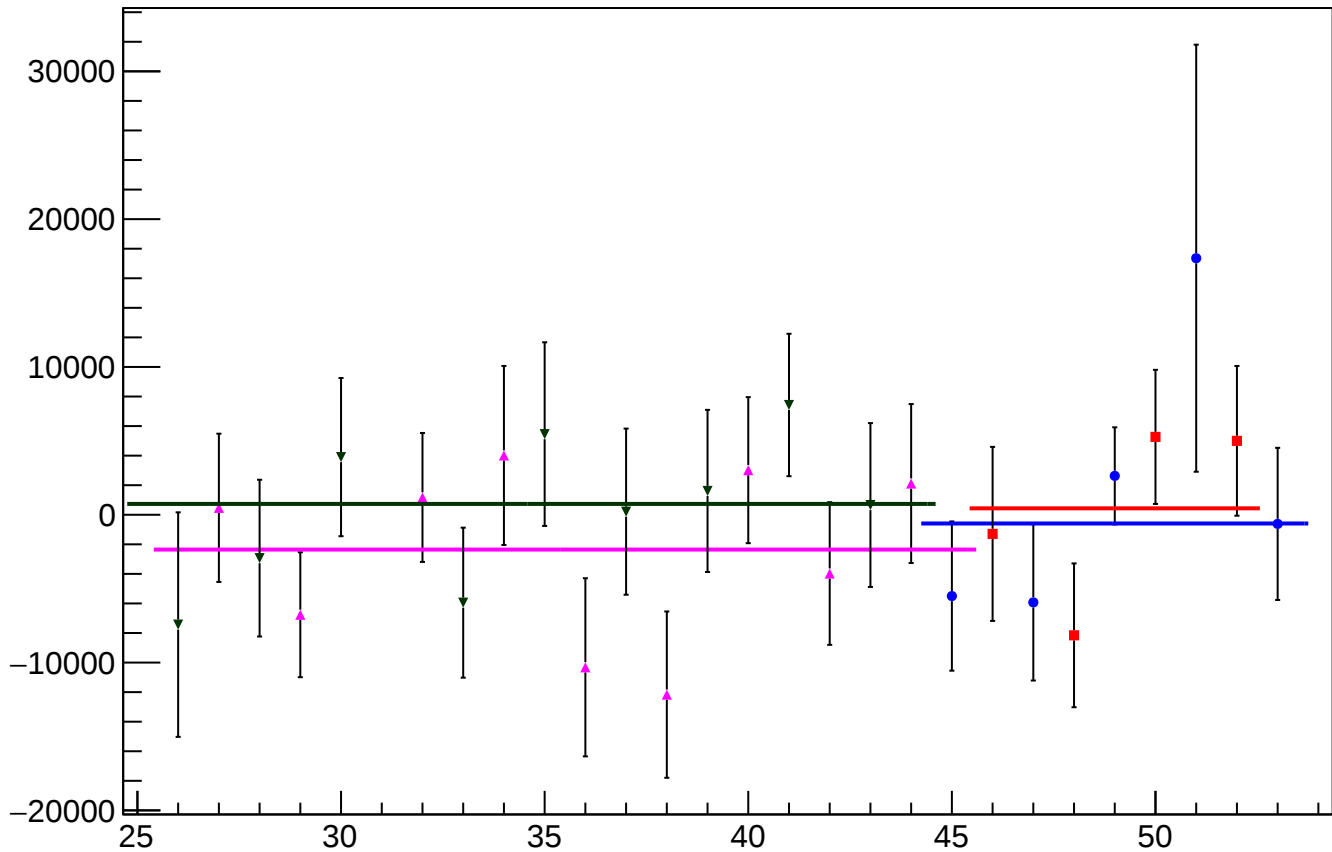
Right Out: 5060.382+/-2.587 χ^2/NDF : 32752.5/3

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

5621.503+/-1.486 χ^2/NDF : 410813.8/13

5650.723+/-1.466 χ^2/NDF : 203106.0/12

asym_sam_48_dd_mean vs slug



Right In: -590.177+/-2180.651 χ^2/NDF : 4.5/4

Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

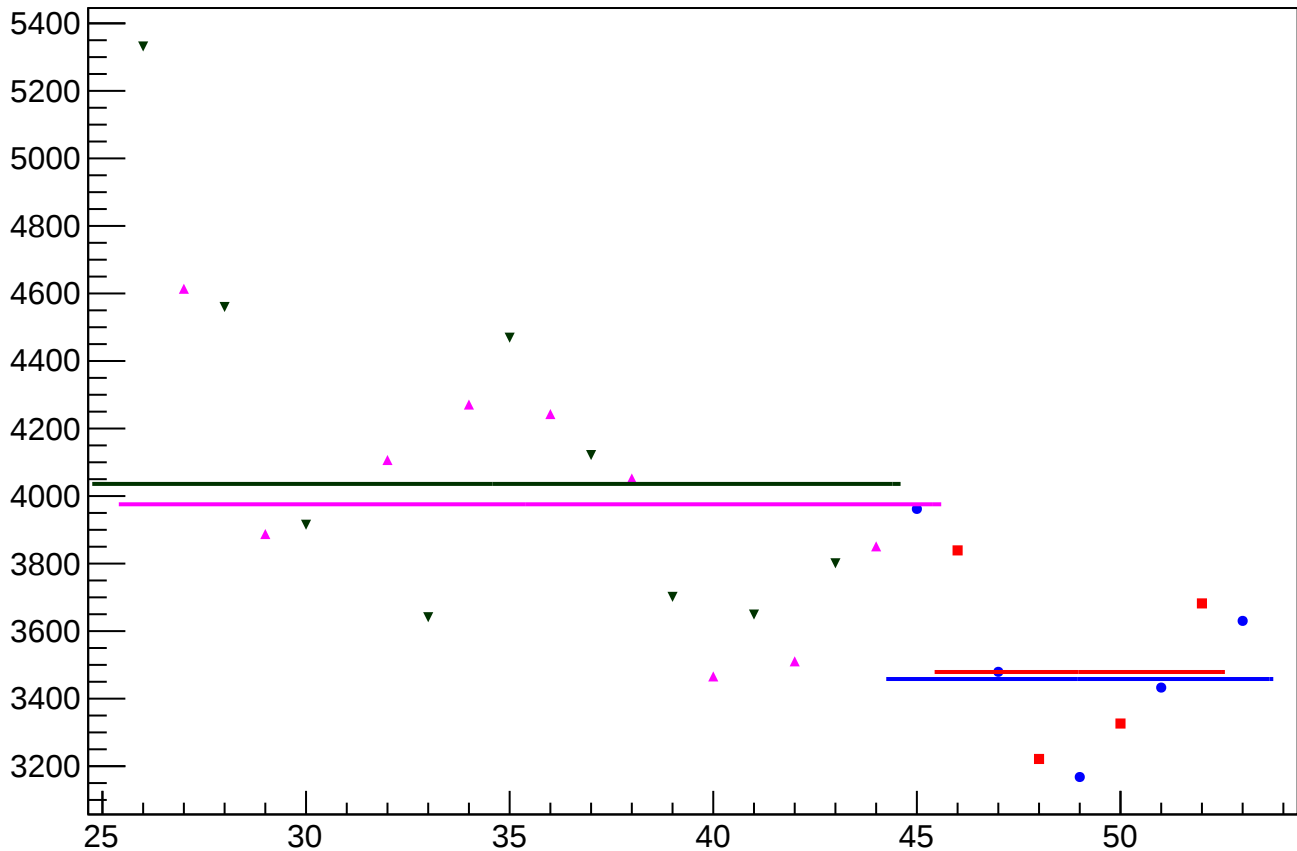
Right Out: 433.874+/-2510.377 χ^2/NDF : 5.2/3

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

180.617+/-1409.415 χ^2/NDF : 10.9/13

-1490.270+/-1397.751 χ^2/NDF : 15.9/12

asym_sam_48_dd_rms vs slug



Right In: 3458.138 ± 1.542 χ^2/NDF : 37814.2/4

Left Out: 4035.979 ± 1.306 χ^2/NDF : 124959.6/8

Right Out: 3478.952 ± 1.775 χ^2/NDF : 18571.6/3

Left In: 3975.604 ± 1.190 χ^2/NDF : 85088.4/8

3794.592 ± 0.997 χ^2/NDF : 244543.4/13

3821.635 ± 0.988 χ^2/NDF : 157672.8/12

yield_sam_15_dd_mean vs slug



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

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

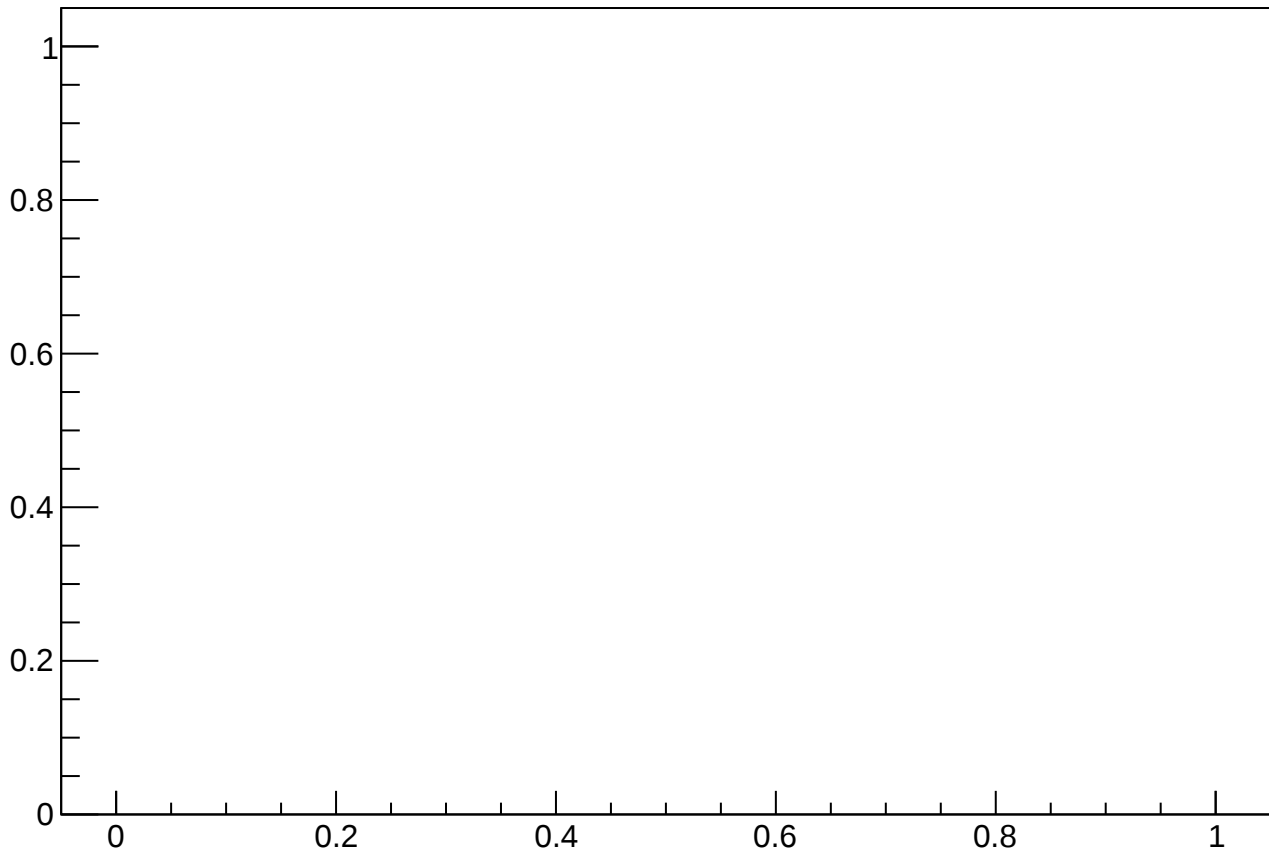
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_dd_rms vs slug



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

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

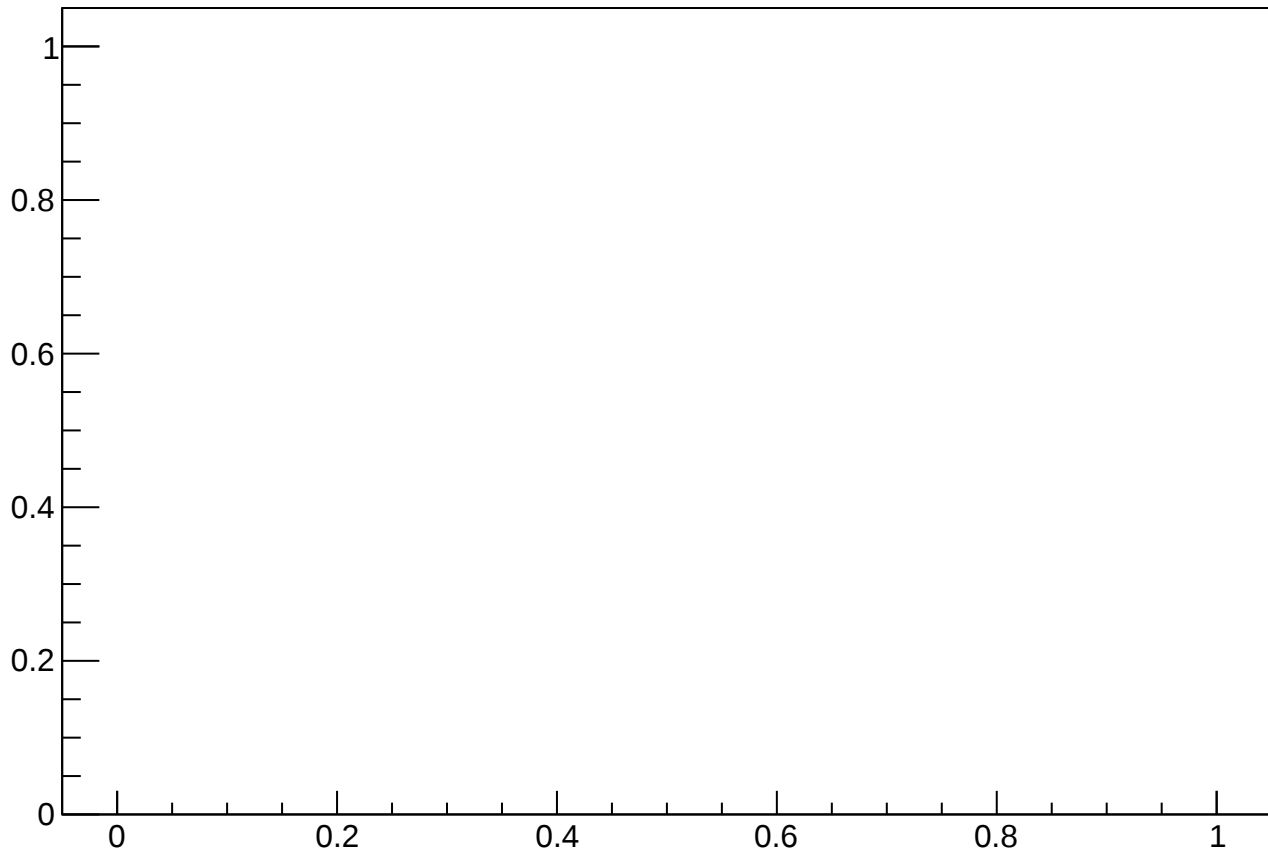
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

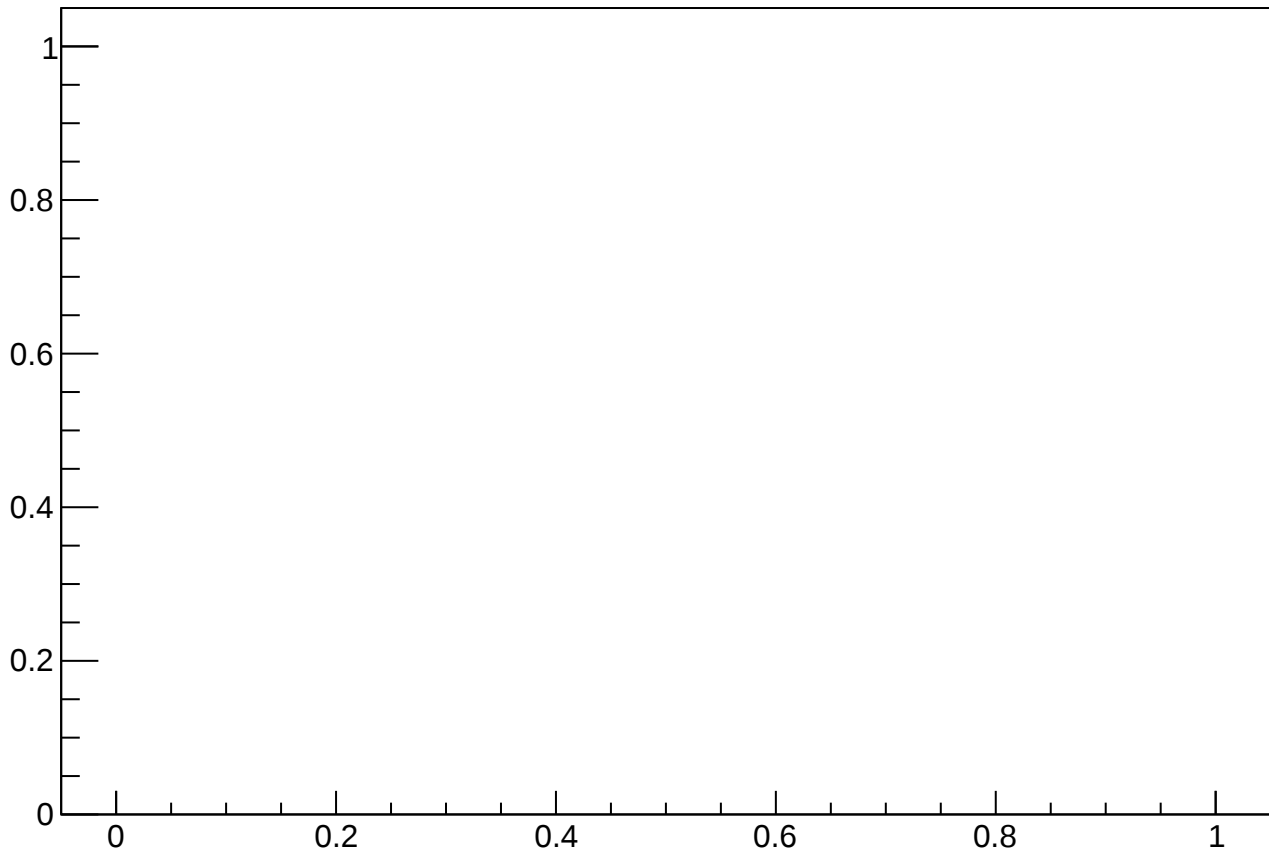
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

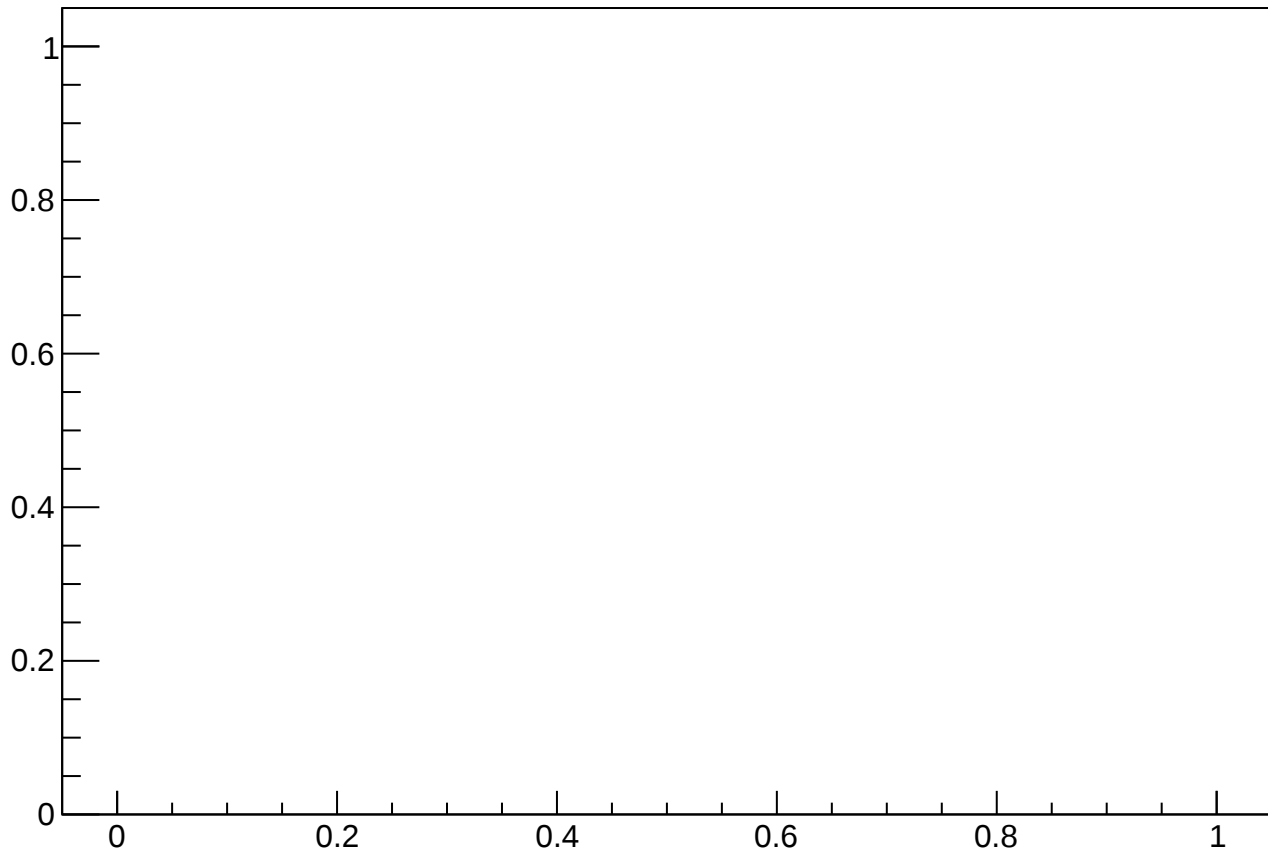
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

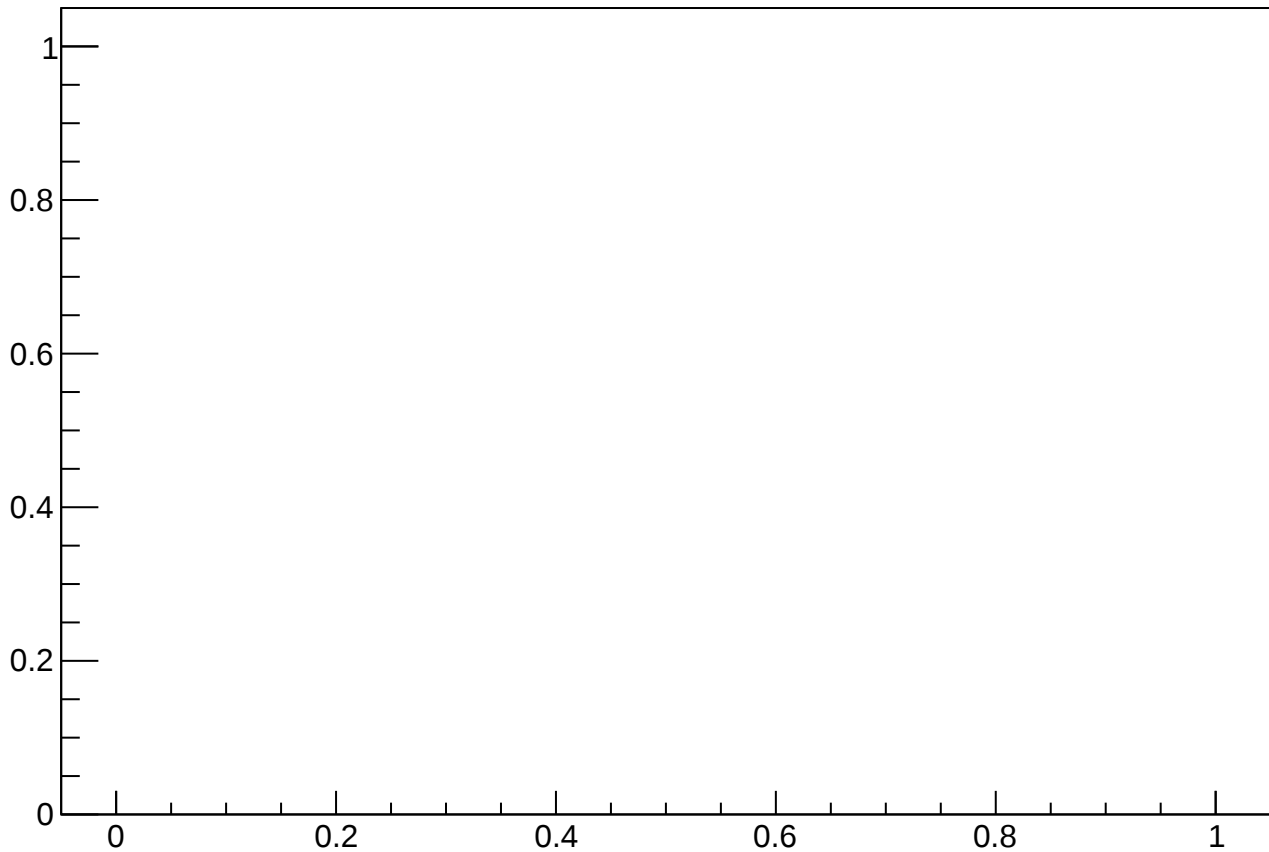
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

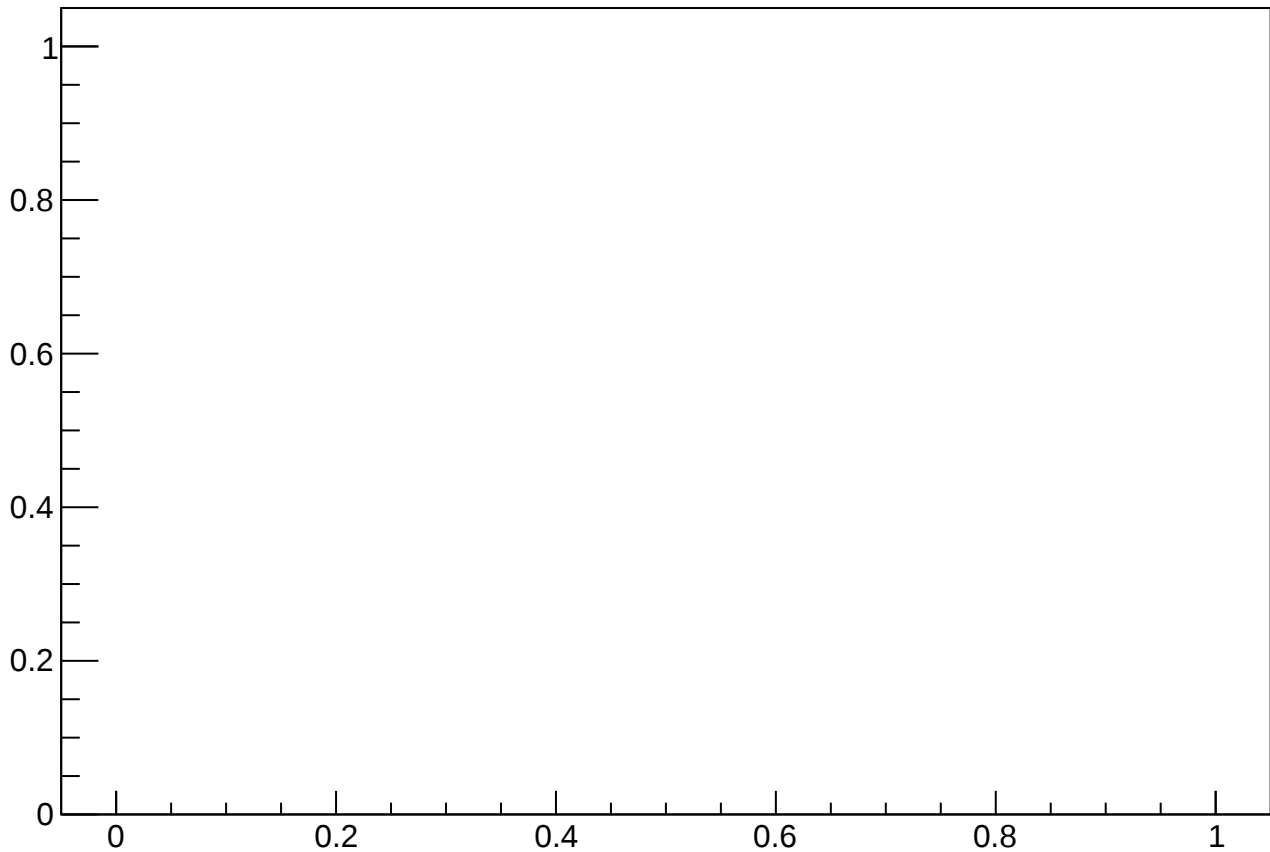
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

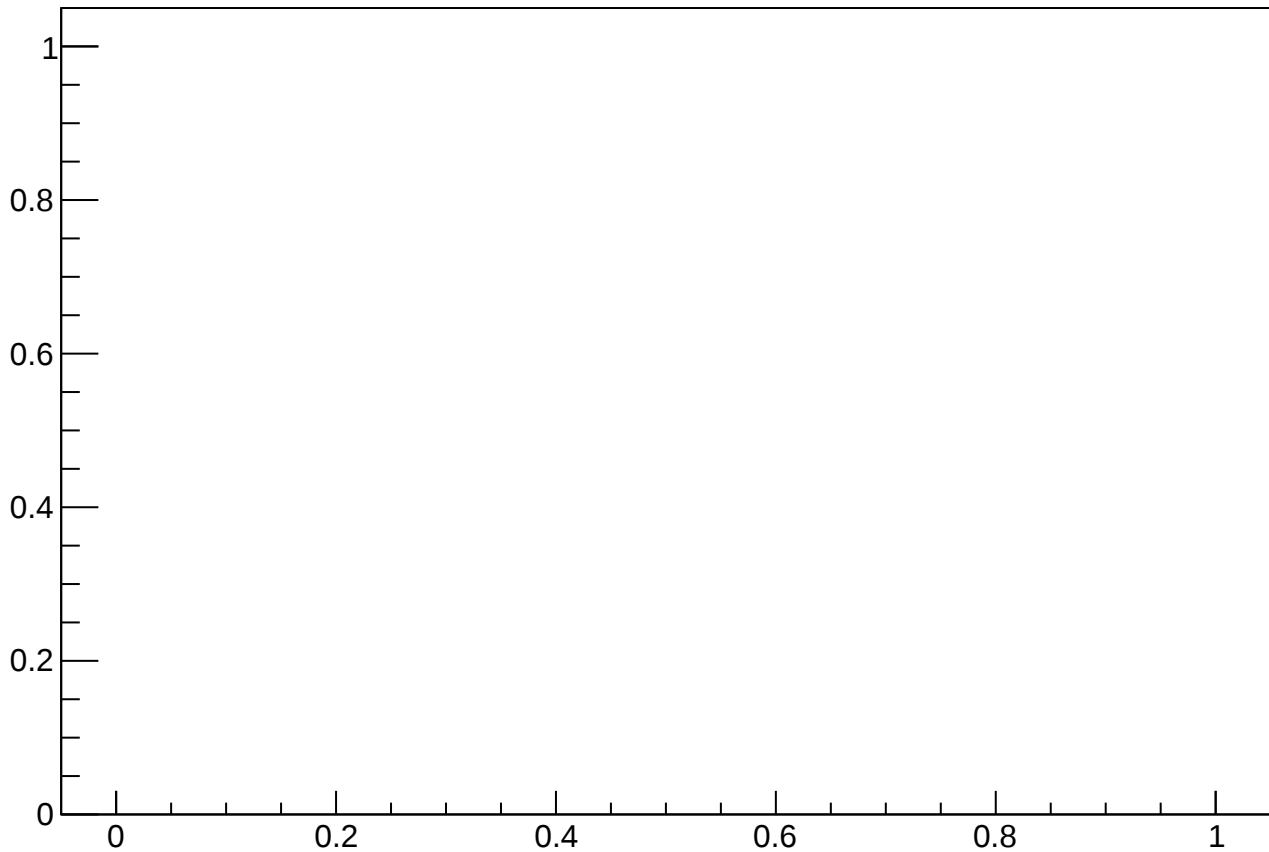
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

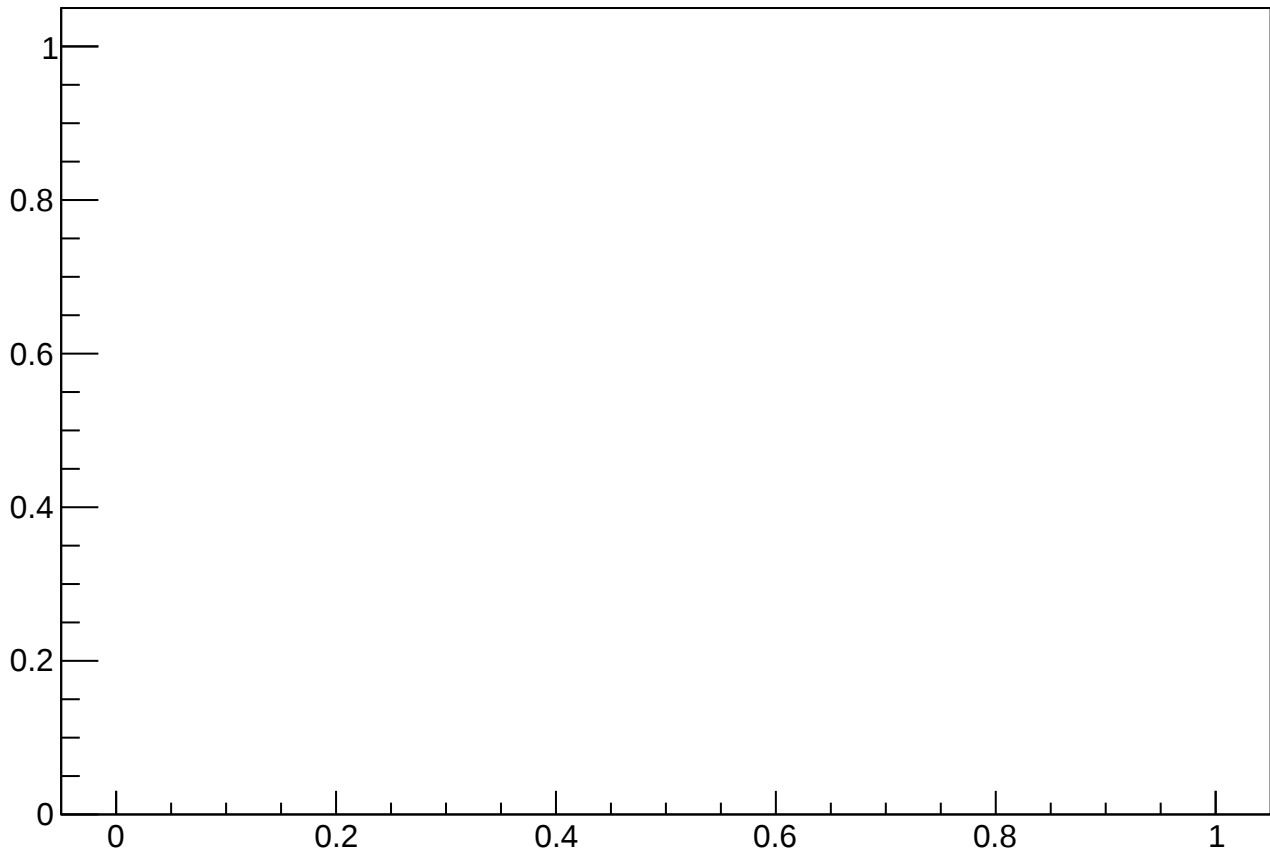
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_rms vs slug



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

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

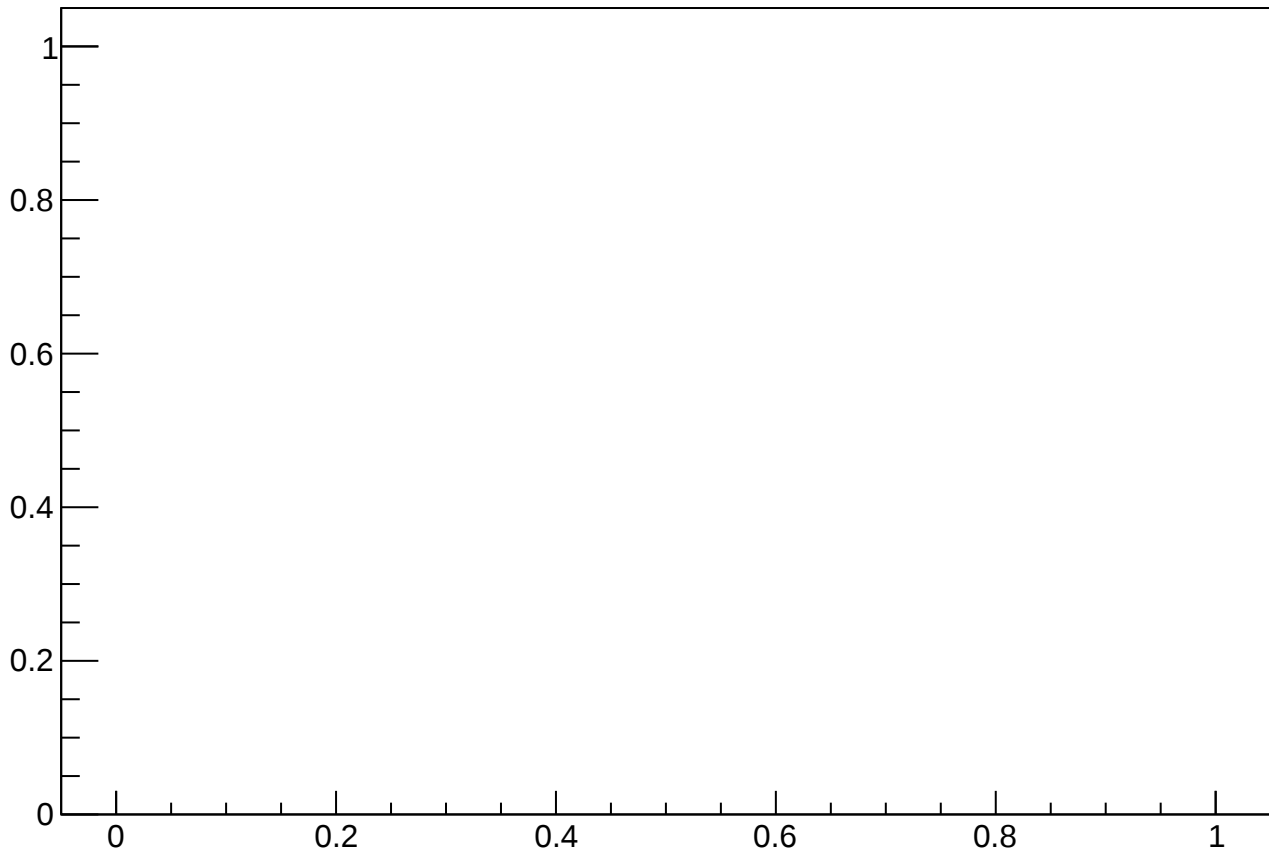
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

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

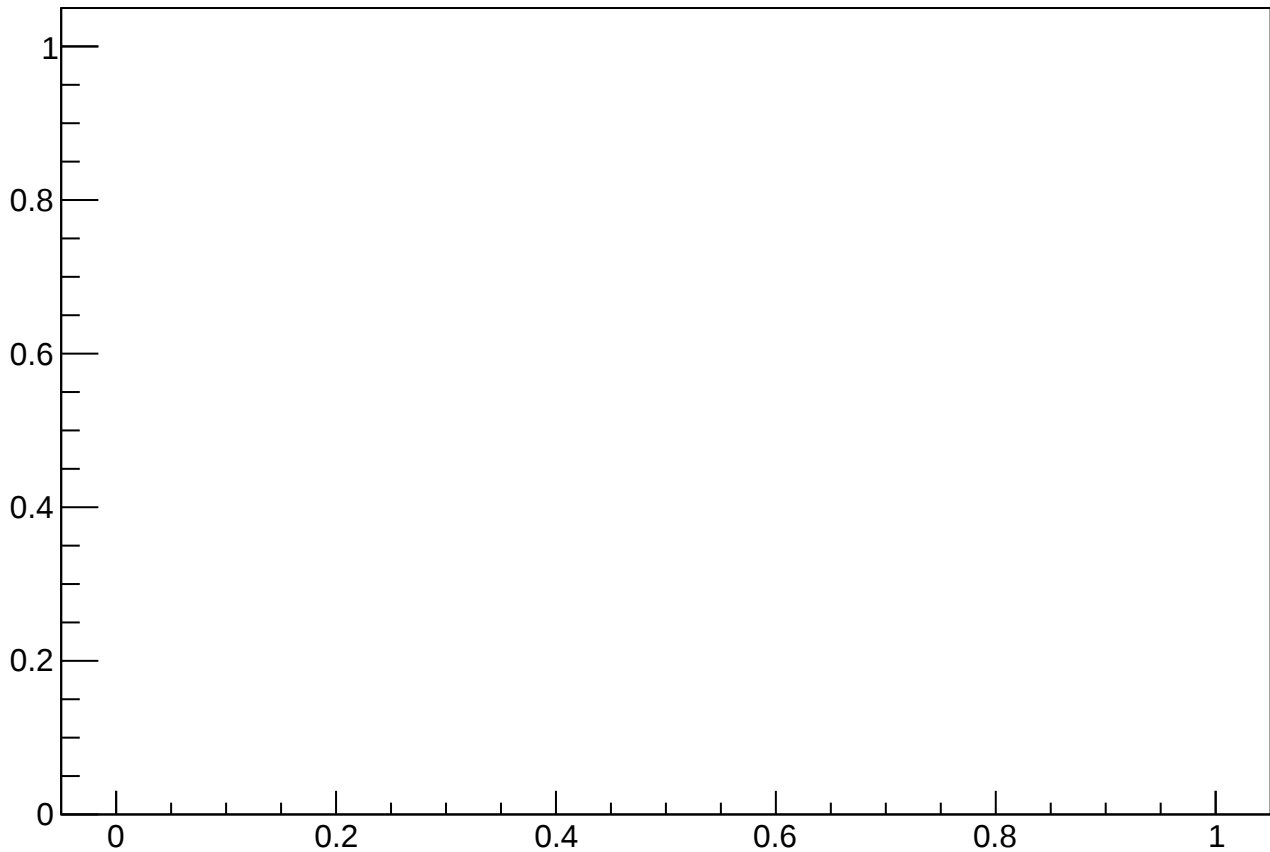
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

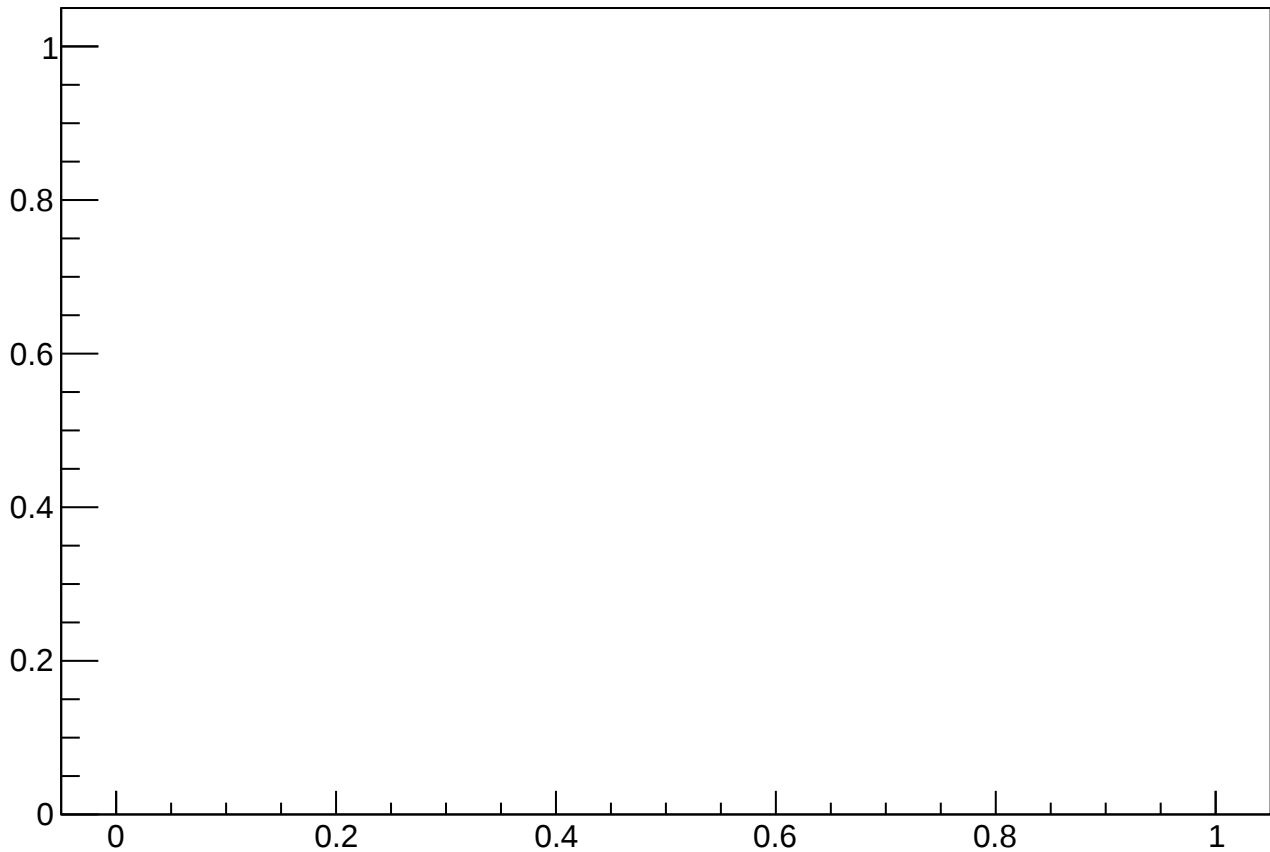
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_rms vs slug



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

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

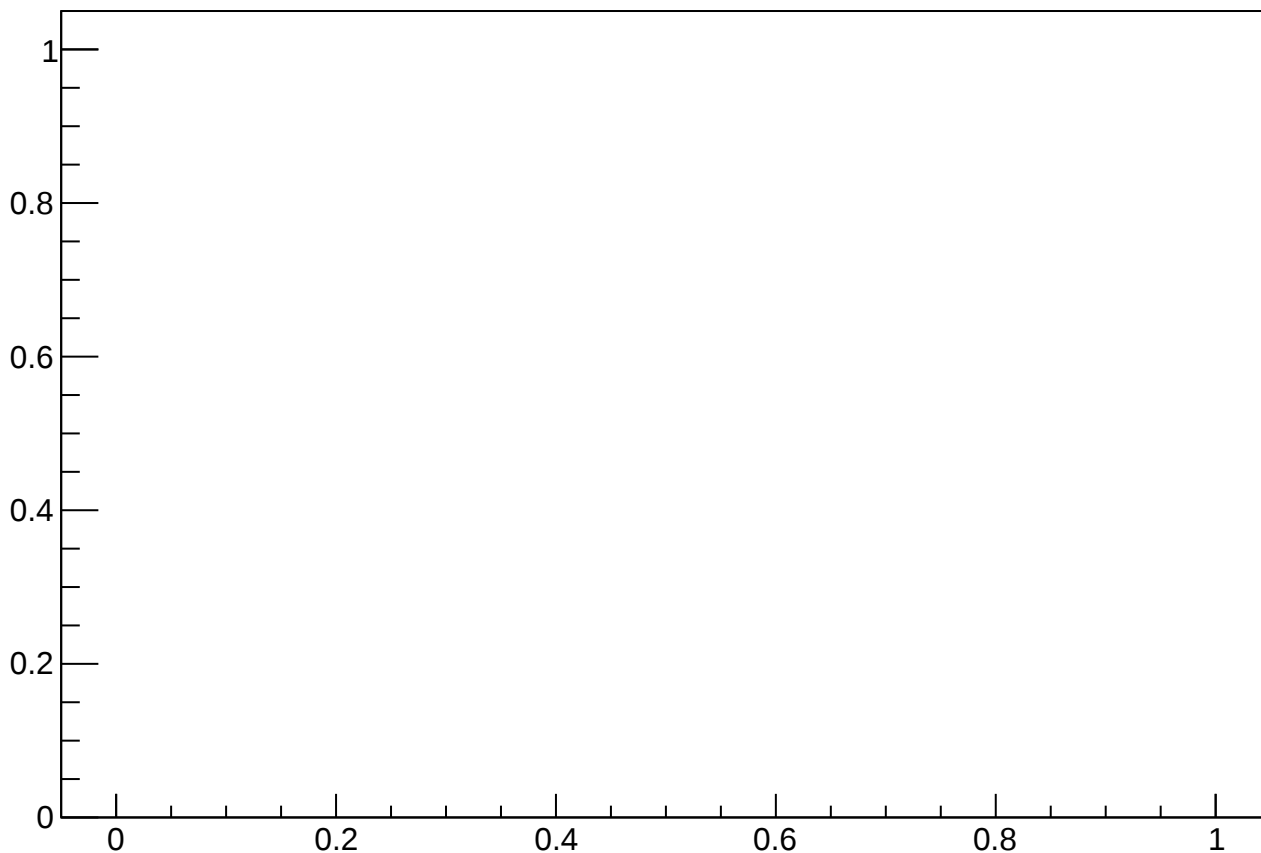
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_rms vs slug



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

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

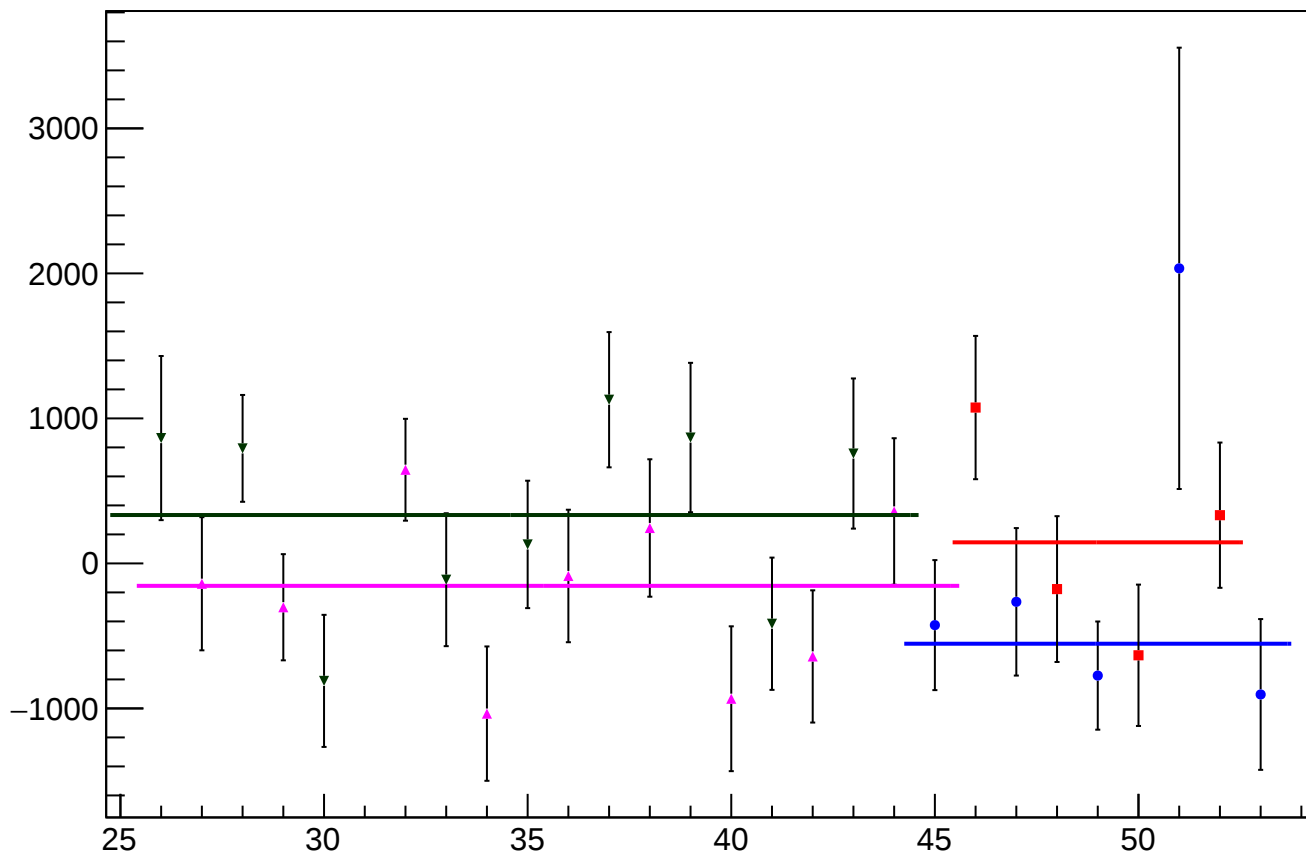
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -553.834 ± 222.708 $\chi^2/\text{NDF}: 4.1/4$

Left Out: 333.723 ± 154.013 $\chi^2/\text{NDF}: 17.3/8$

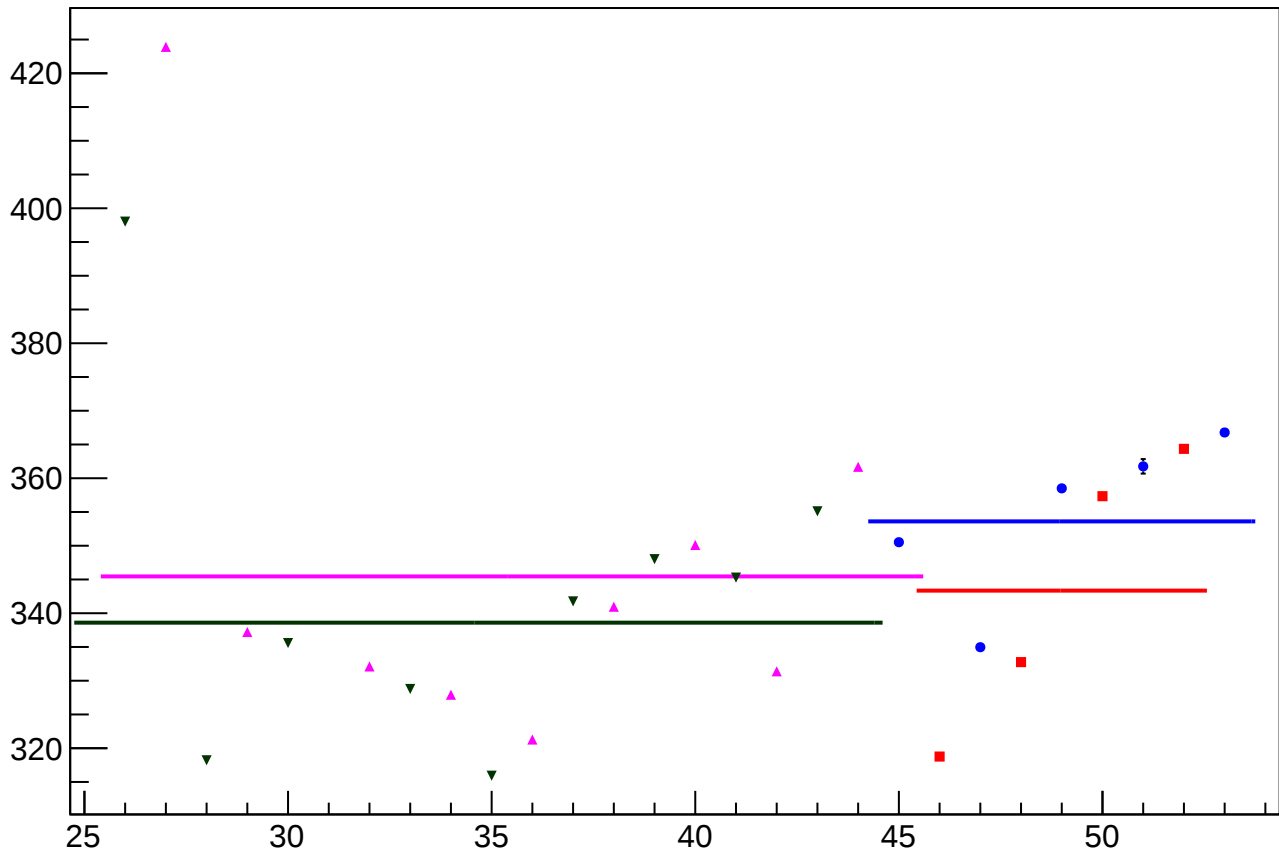
Right Out: 145.348 ± 248.087 $\chi^2/\text{NDF}: 6.6/3$

Left In: -154.649 ± 145.928 $\chi^2/\text{NDF}: 14.3/8$

46.583 ± 126.673 $\chi^2/\text{NDF}: 32.1/13$

-77.534 ± 125.782 $\chi^2/\text{NDF}: 22.0/12$

reg_asym_sam_15_dd_rms vs slug



Right In: 353.608 $\pm$ 0.157 χ^2 /NDF: 4467.7/4

Left Out: 338.603 $\pm$ 0.109 χ^2 /NDF:37731.2/8

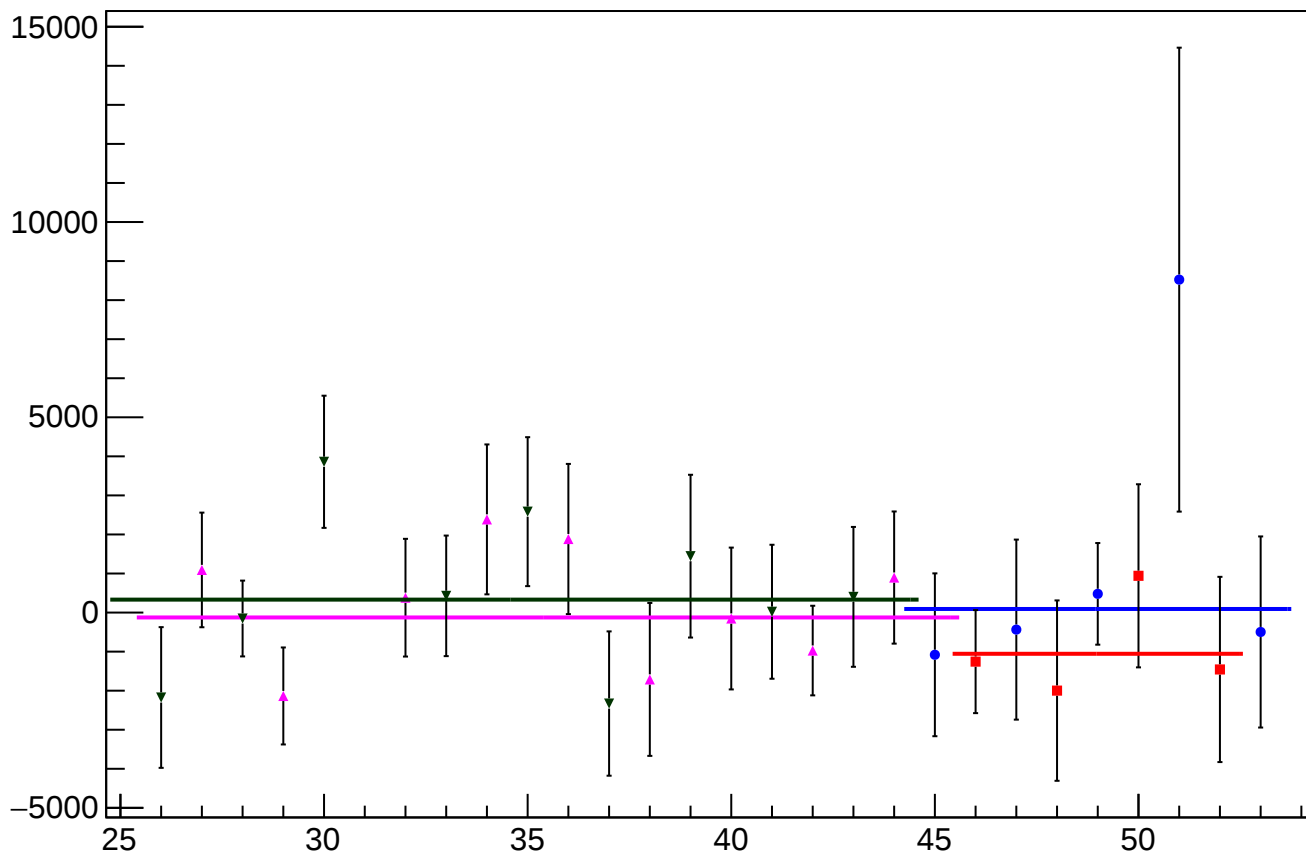
Right Out: 343.349 $\pm$ 0.175 χ^2 /NDF: 11005.7/3

Left In: 345.453 $\pm$ 0.103 χ^2 /NDF:75102.1/8

343.457 $\pm$ 0.090 χ^2 /NDF: 48340.4/13

344.912 $\pm$ 0.089 χ^2 /NDF: 86214.7/12

asym_sam_15_dd_correction_mean vs slug



Right In: 91.864 ± 911.261 χ^2/NDF : 2.5/4

Left Out: 331.481 ± 527.893 χ^2/NDF : 10.3/8

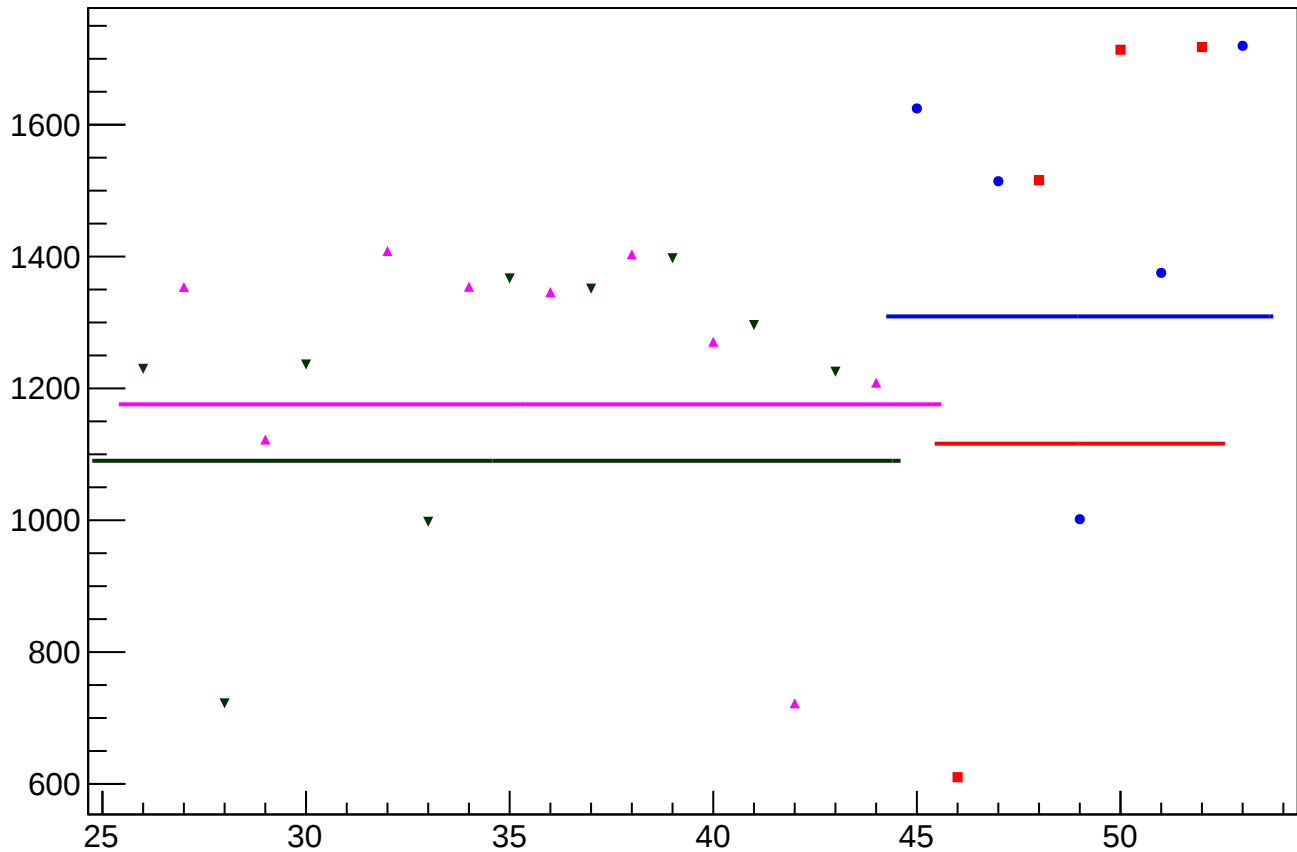
Right Out: -1055.436 ± 944.147 χ^2/NDF : 0.9/3

Left In: -125.241 ± 515.151 χ^2/NDF : 7.8/8

271.273 ± 456.783 χ^2/NDF : 12.9/13

-338.637 ± 452.216 χ^2/NDF : 9.5/12

asym_sam_15_dd_correction_rms vs slug



Right In: 1309.208+/-0.644 χ^2/NDF : 229919.4/4

Left Out: 1090.209+/-0.373 χ^2/NDF : 487169.4/8

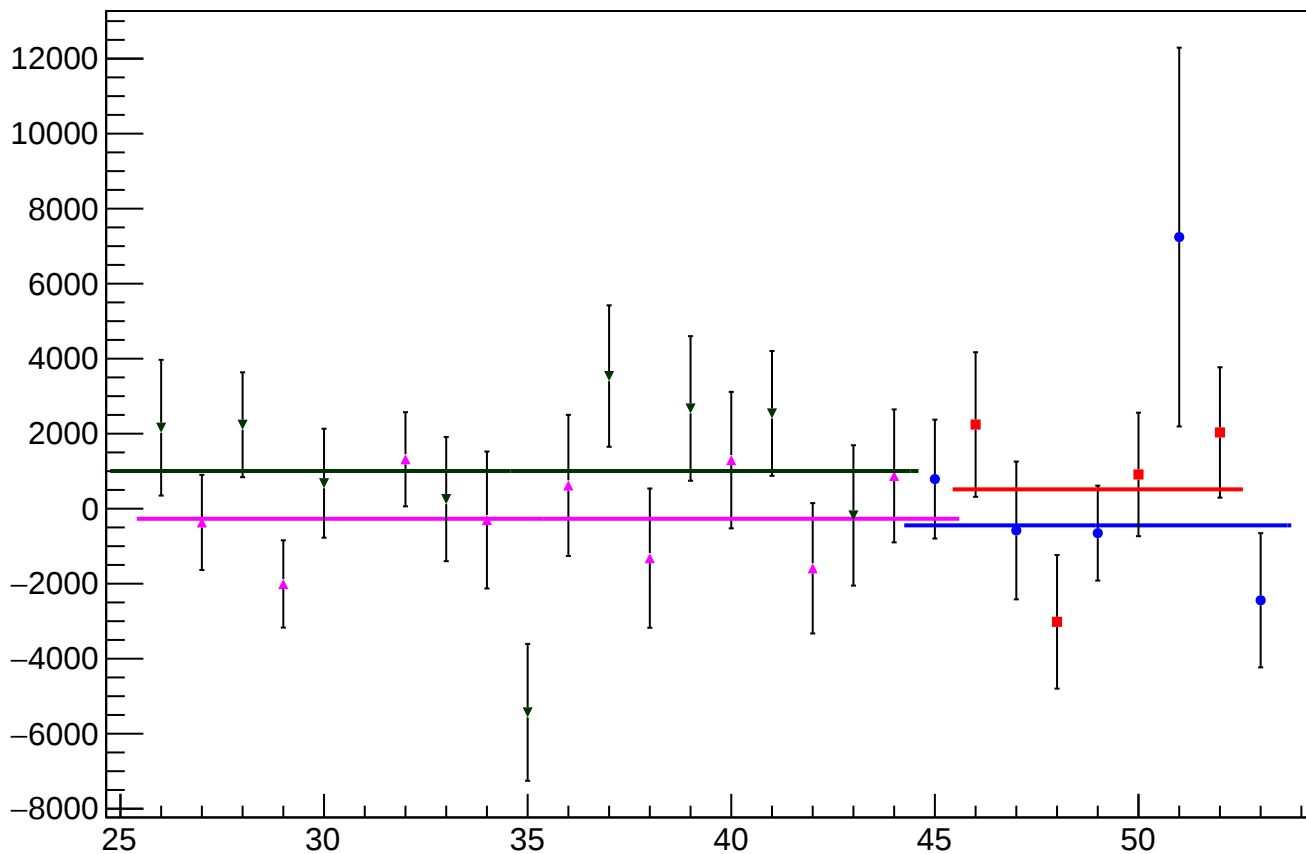
Right Out: 1116.201+/-0.668 χ^2/NDF : 612775.2/3

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

1145.236+/-0.323 χ^2/NDF : 803577.3/13

1162.184+/-0.320 χ^2/NDF : 1078407.4/12

reg_asym_sam_26_dd_mean vs slug



Right In: -445.059 ± 773.764 $\chi^2/\text{NDF}: 4.2/4$

Left Out: 1004.954 ± 563.215 $\chi^2/\text{NDF}: 17.7/8$

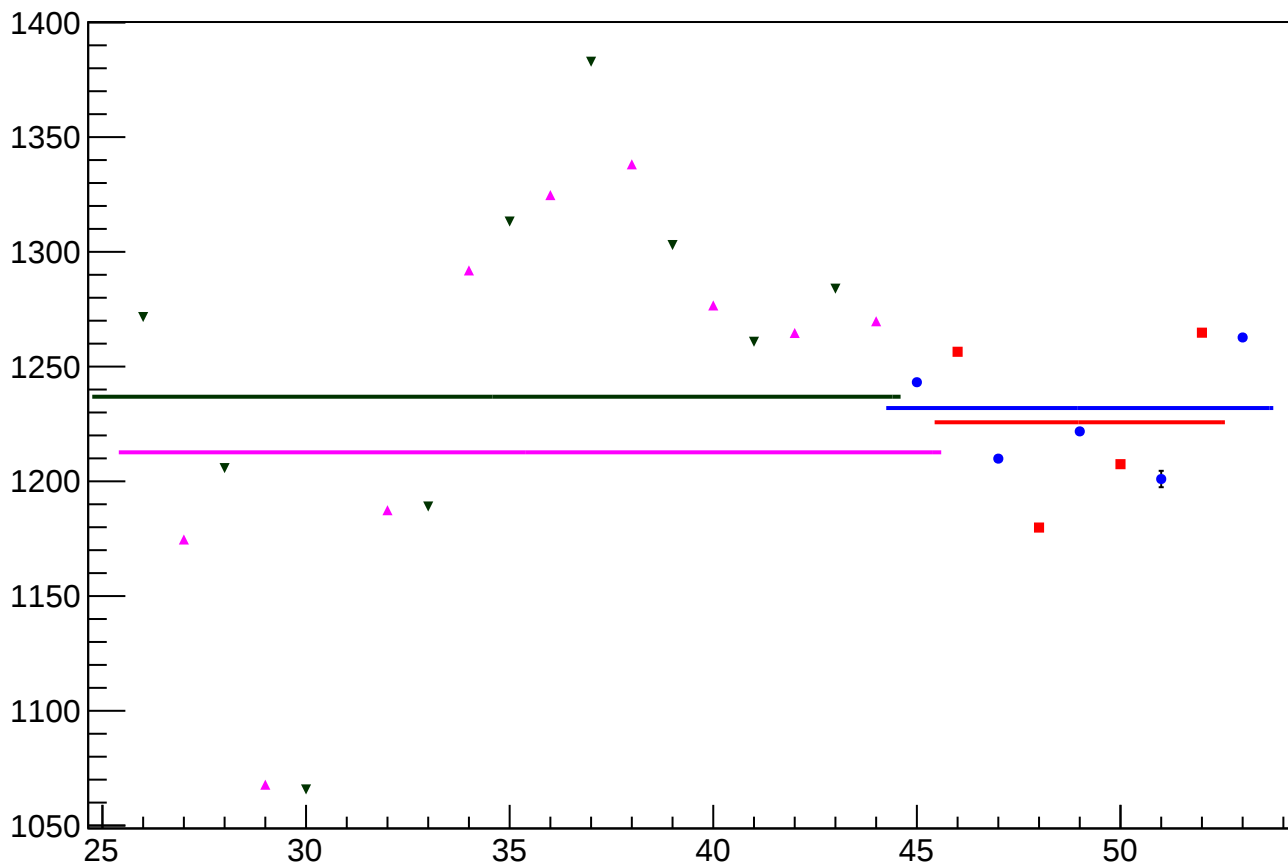
Right Out: 515.477 ± 882.437 $\chi^2/\text{NDF}: 5.6/3$

Left In: -269.126 ± 511.768 $\chi^2/\text{NDF}: 6.1/8$

502.771 ± 455.359 $\chi^2/\text{NDF}: 24.2/13$

-71.650 ± 442.705 $\chi^2/\text{NDF}: 12.3/12$

reg_asym_sam_26_dd_rms vs slug



Right In: 1231.936+/-0.547 χ^2/NDF : 1184.2/4

Left Out: 1236.870+/-0.398 χ^2/NDF : 50666.9/8

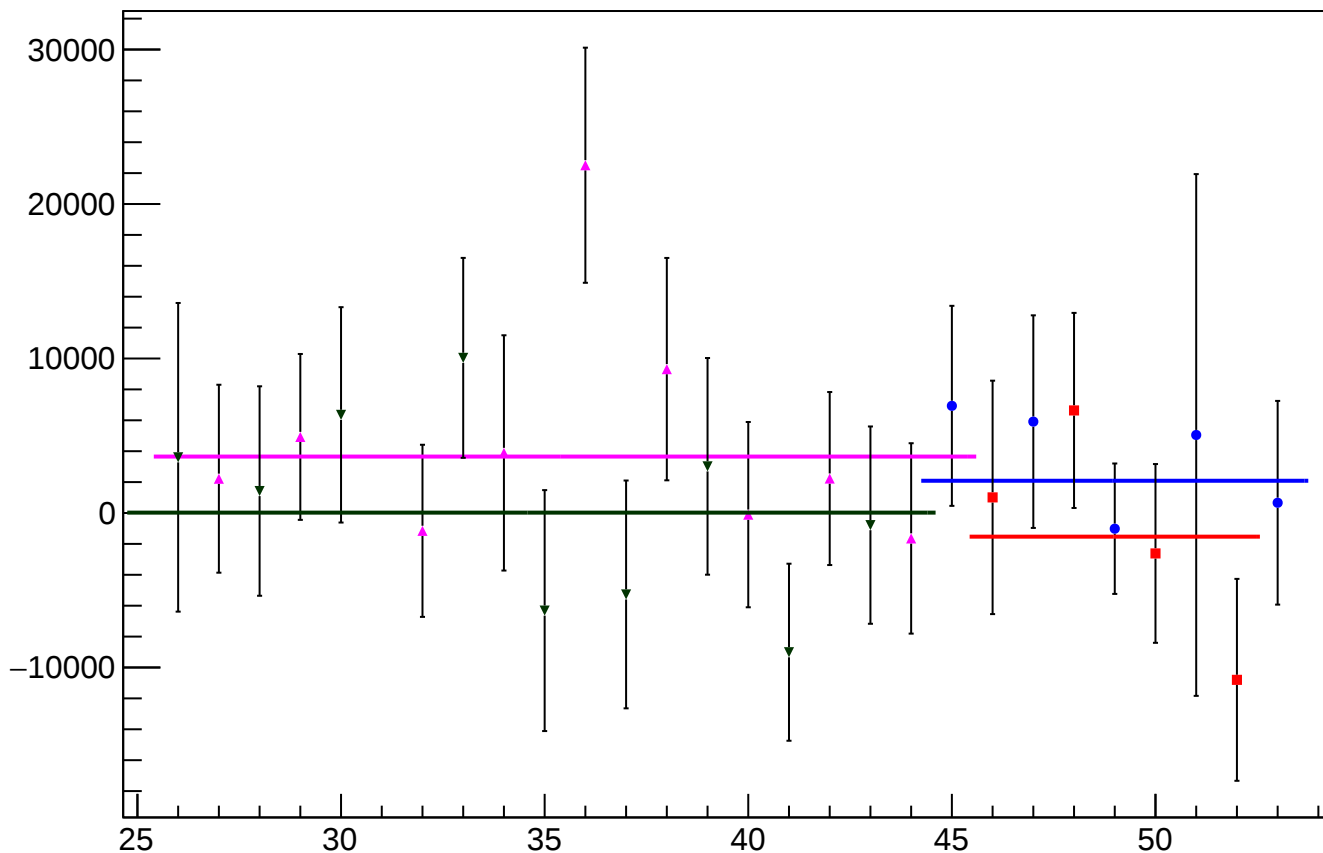
Right Out: 1225.731+/-0.624 χ^2/NDF : 3090.2/3

Left In: 1212.638+/-0.362 χ^2/NDF : 59937.7/8

1235.161+/-0.322 χ^2/NDF : 51904.3/13

1215.934+/-0.313 χ^2/NDF : 63357.5/12

asym_sam_26_dd_correction_mean vs slug



Right In: 2086.497 ± 2799.333 χ^2/NDF : 1.5/4

Left Out: 23.937 ± 2316.200 χ^2/NDF : 7.3/8

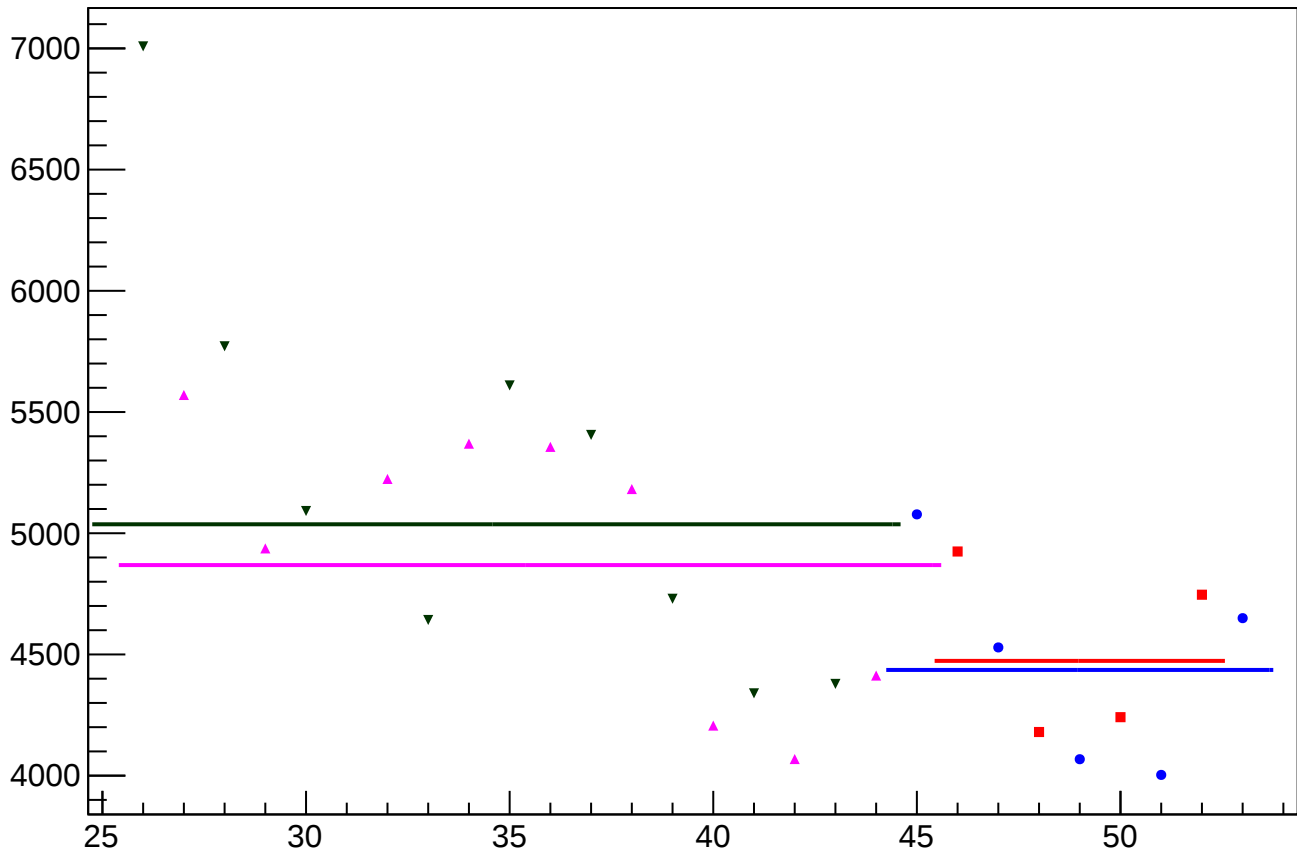
Right Out: -1531.414 ± 3229.177 χ^2/NDF : 3.8/3

Left In: 3653.038 ± 2068.097 χ^2/NDF : 8.8/8

862.142 ± 1784.540 χ^2/NDF : 9.1/13

2145.074 ± 1741.550 χ^2/NDF : 14.5/12

asym_sam_26_dd_correction_rms vs slug



Right In: 4436.113 ± 1.979 χ^2/NDF : 38652.7/4

Left Out: 5036.928 ± 1.638 χ^2/NDF : 179439.1/8

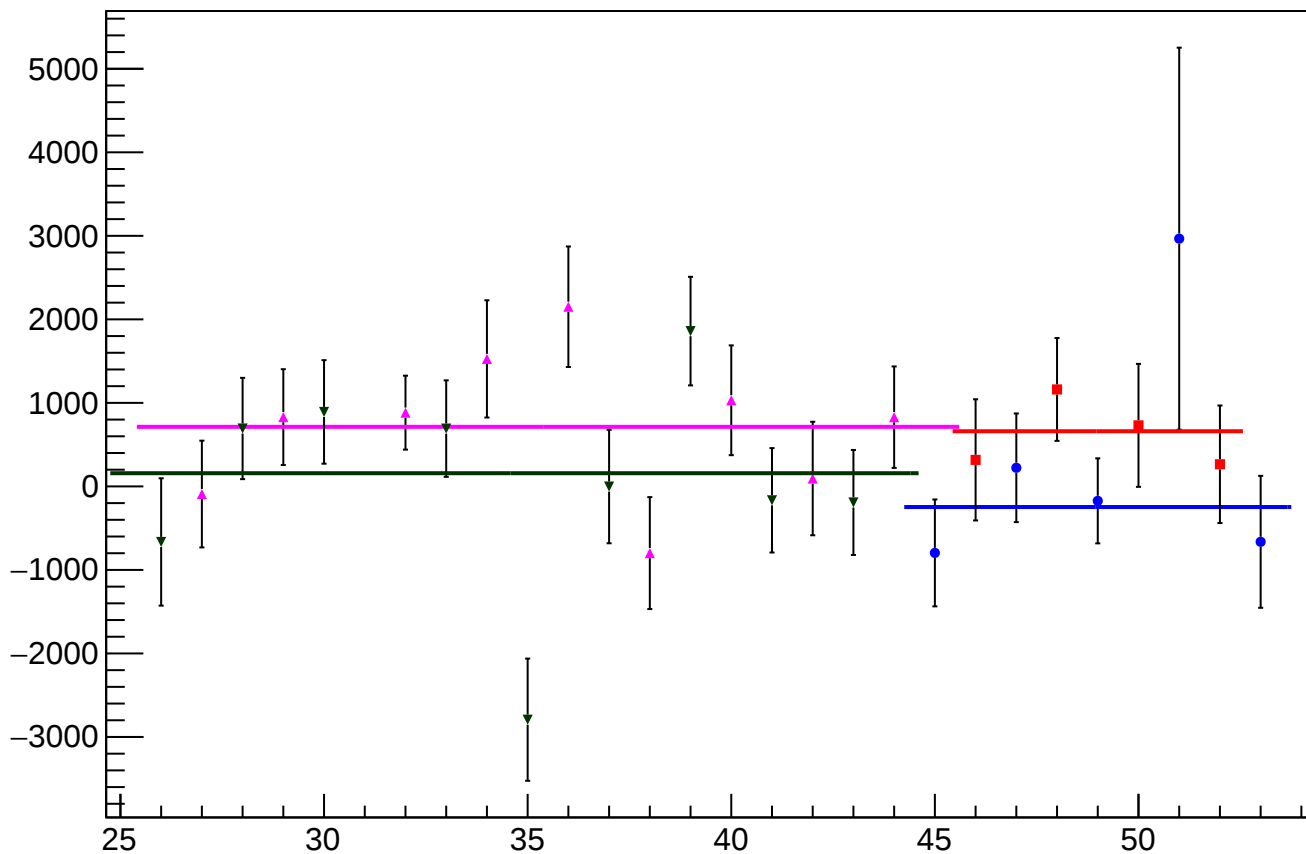
Right Out: 4473.469 ± 2.283 χ^2/NDF : 18165.6/3

Left In: 4868.644 ± 1.462 χ^2/NDF : 131901.5/8

4792.762 ± 1.262 χ^2/NDF : 272781.3/13

4753.702 ± 1.231 χ^2/NDF : 171307.1/12

reg_asym_sam_37_dd_mean vs slug



Right In: -246.847 $\pm$ 309.209 χ^2 /NDF: 3.5/4

Left Out: 157.928 $\pm$ 215.506 χ^2 /NDF: 28.0/8

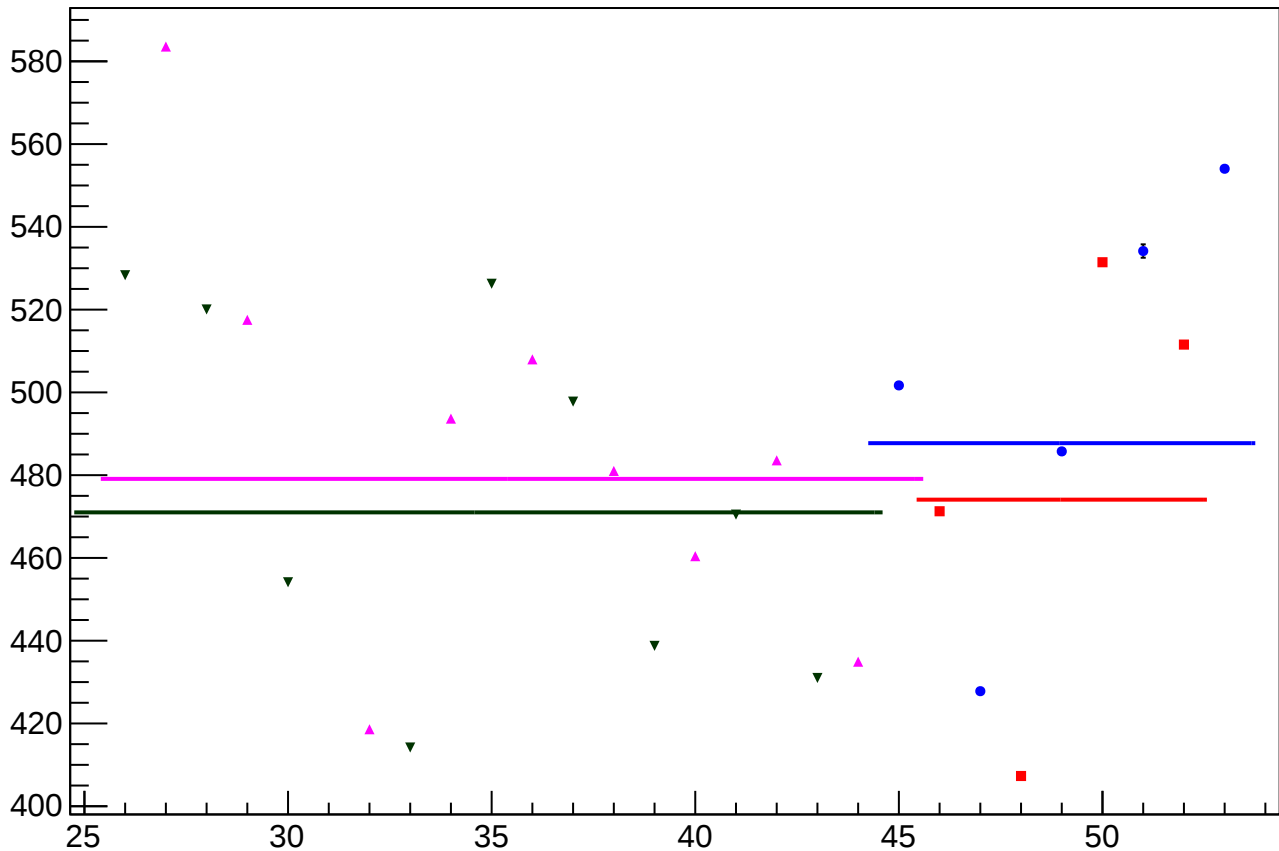
Right Out: 660.561 $\pm$ 344.949 χ^2 /NDF: 1.2/3

Left In: 713.441 $\pm$ 204.299 χ^2 /NDF: 13.3/8

25.591 $\pm$ 176.802 χ^2 /NDF: 32.6/13

699.709 $\pm$ 175.783 χ^2 /NDF: 14.5/12

reg_asym_sam_37_dd_rms vs slug



Right In: 487.729+/-0.219 χ^2/NDF : 32878.3/4

Left Out: 471.009+/-0.152 χ^2/NDF : 72737.7/8

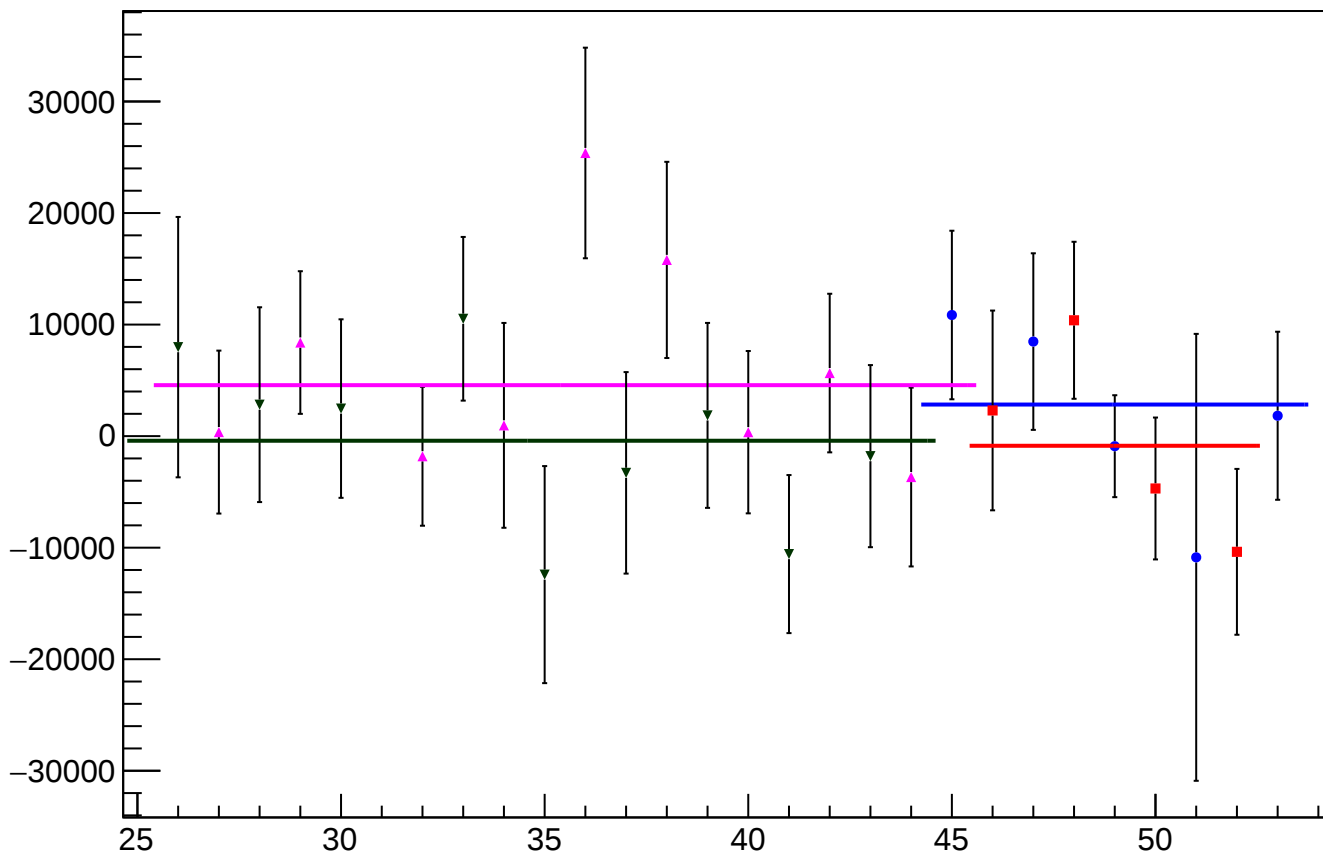
Right Out: 474.082+/-0.244 χ^2/NDF : 41384.6/3

Left In: 479.100+/-0.144 χ^2/NDF : 116130.5/8

476.475+/-0.125 χ^2/NDF : 109552.2/13

477.797+/-0.124 χ^2/NDF : 157828.4/12

asym_sam_37_dd_correction_mean vs slug



Right In: 2831.633+/-3138.894 χ^2/NDF : 2.8/4

Left Out: -413.785+/-2806.714 χ^2/NDF : 6.8/8

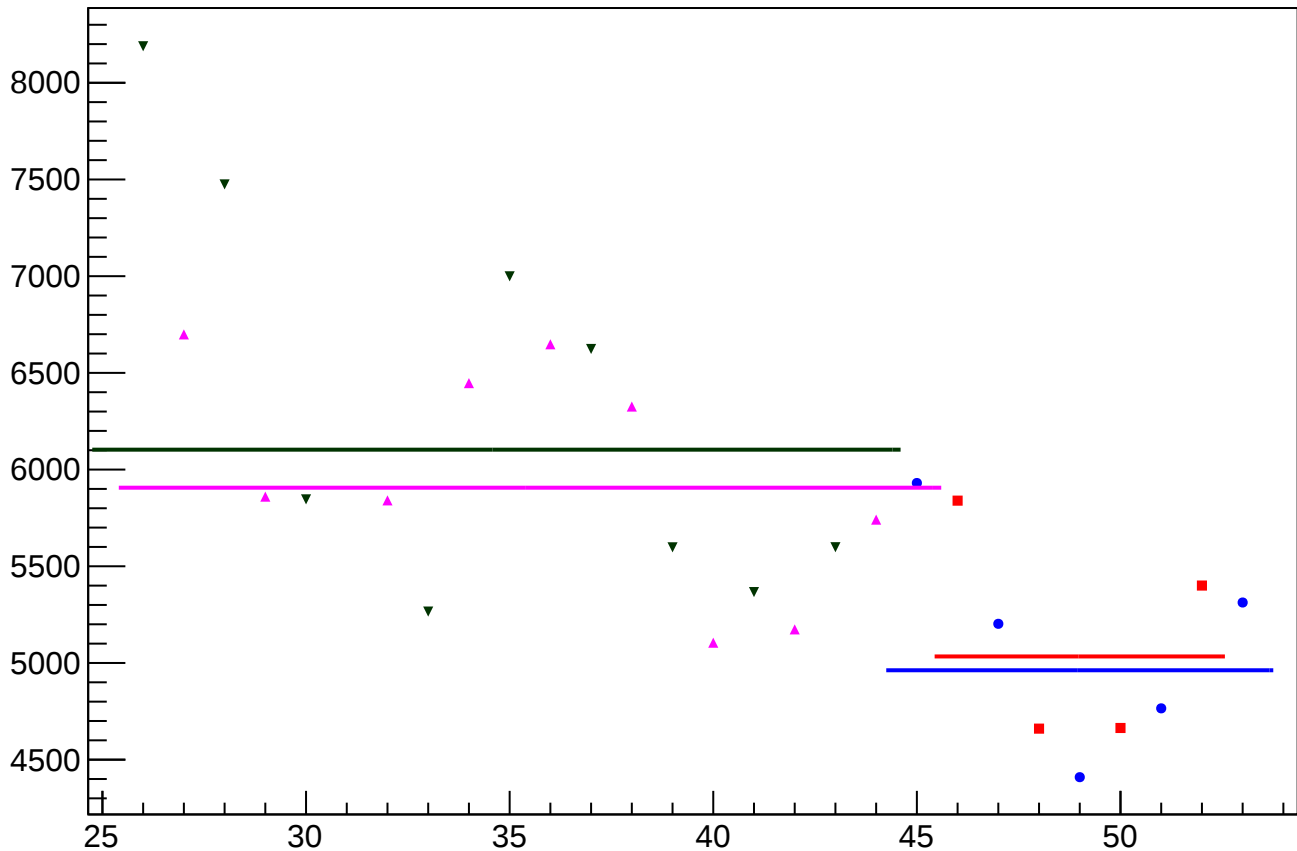
Right Out: -864.949+/-3639.861 χ^2/NDF : 4.7/3

Left In: 4568.925+/-2506.004 χ^2/NDF : 9.8/8

1028.167+/-2092.265 χ^2/NDF : 10.2/13

2821.490+/-2064.099 χ^2/NDF : 16.0/12

asym_sam_37_dd_correction_rms vs slug



Right In: 4962.278 ± 2.220 χ^2/NDF : 68489.7/4

Left Out: 6102.939 ± 1.985 χ^2/NDF : 201598.0/8

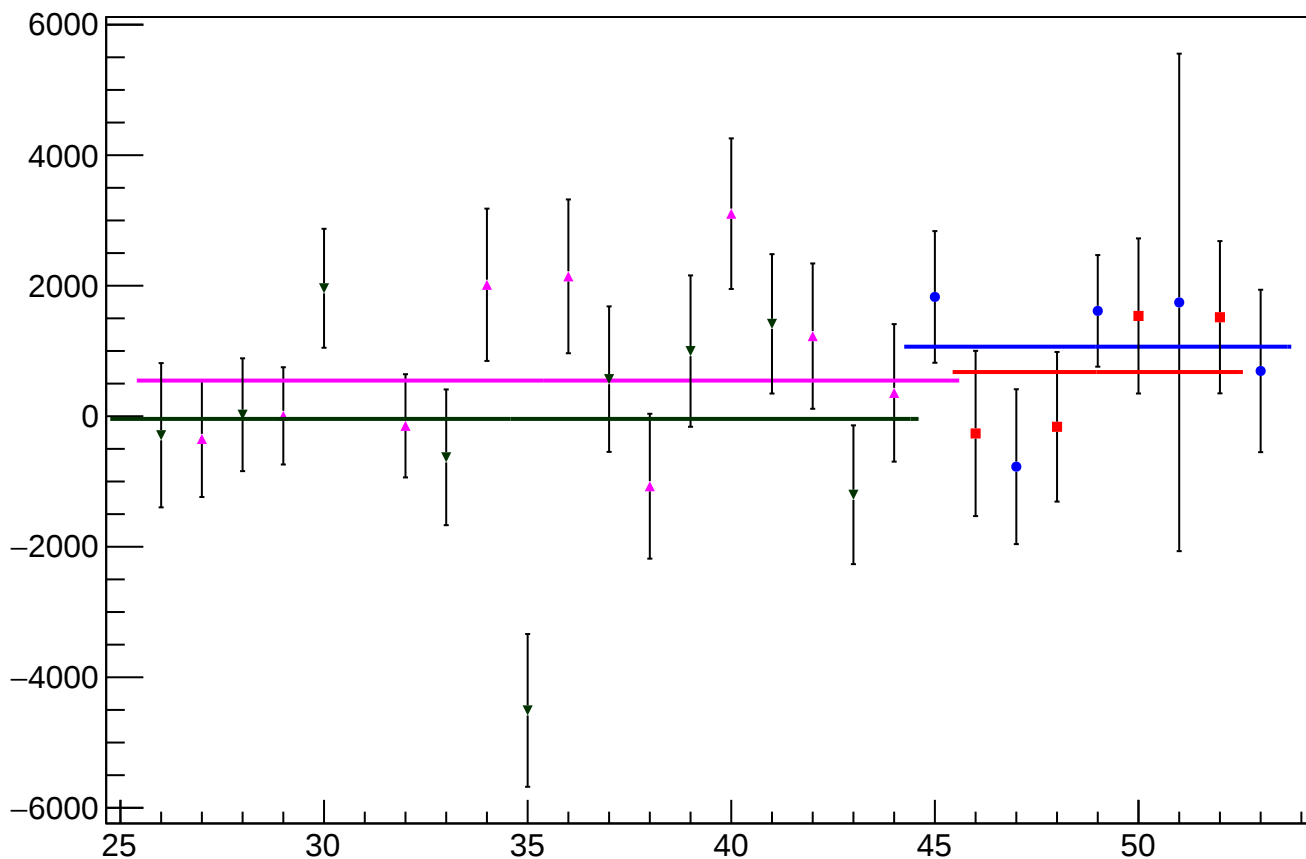
Right Out: 5033.733 ± 2.574 χ^2/NDF : 33445.2/3

Left In: 5906.291 ± 1.772 χ^2/NDF : 94067.8/8

5596.139 ± 1.479 χ^2/NDF : 416854.1/13

5625.692 ± 1.460 χ^2/NDF : 205486.3/12

reg_asym_sam_48_dd_mean vs slug



Right In: 1065.748 $\pm$ 514.637 χ^2 /NDF: 3.5/4

Left Out: -40.923 $\pm$ 346.578 χ^2 /NDF: 23.9/8

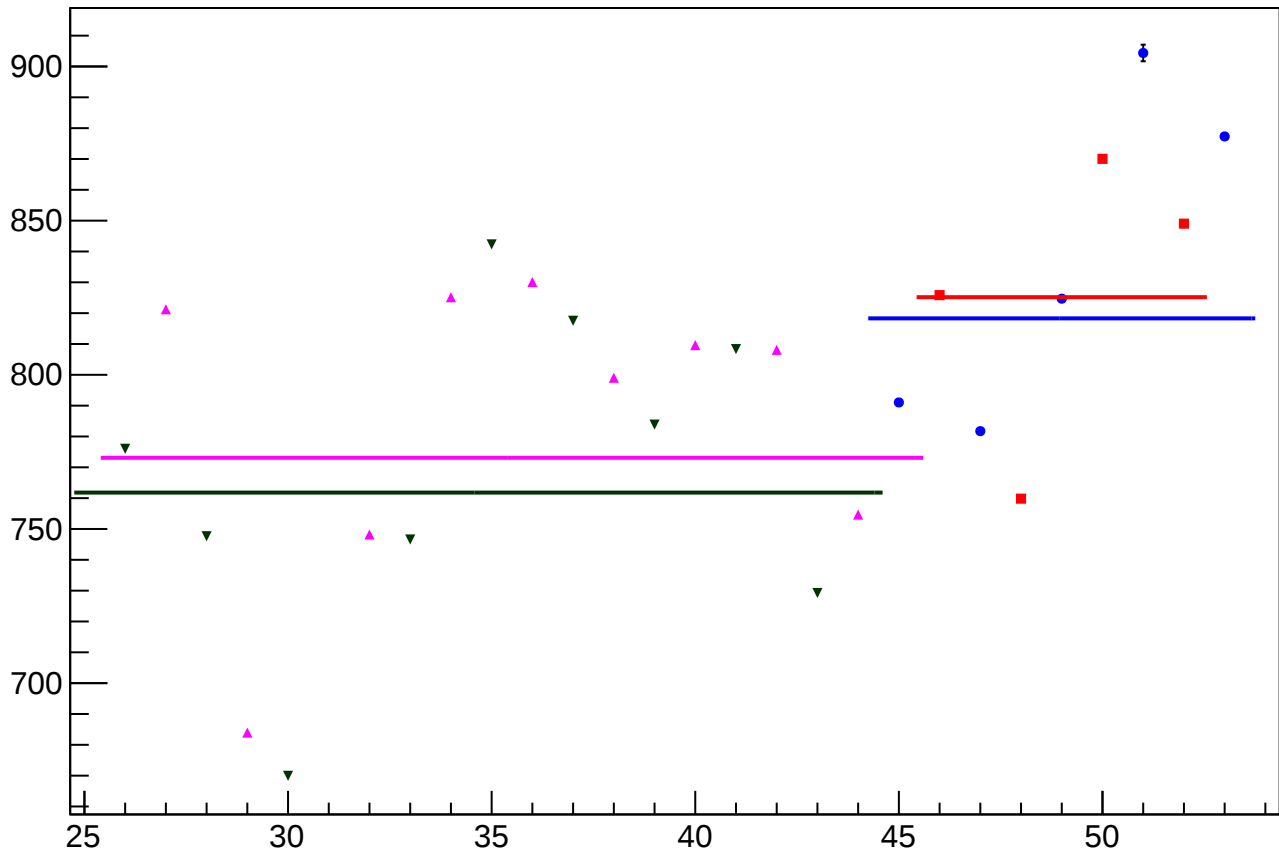
Right Out: 677.308 $\pm$ 594.736 χ^2 /NDF: 2.1/3

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF: 13.2/8

304.376 $\pm$ 287.468 χ^2 /NDF: 30.6/13

576.802 $\pm$ 286.122 χ^2 /NDF: 15.3/12

reg_asym_sam_48_dd_rms vs slug



Right In: 818.306 ± 0.364 $\chi^2/\text{NDF}: 8991.0/4$

Left Out: 761.807 ± 0.245 $\chi^2/\text{NDF}: 42466.1/8$

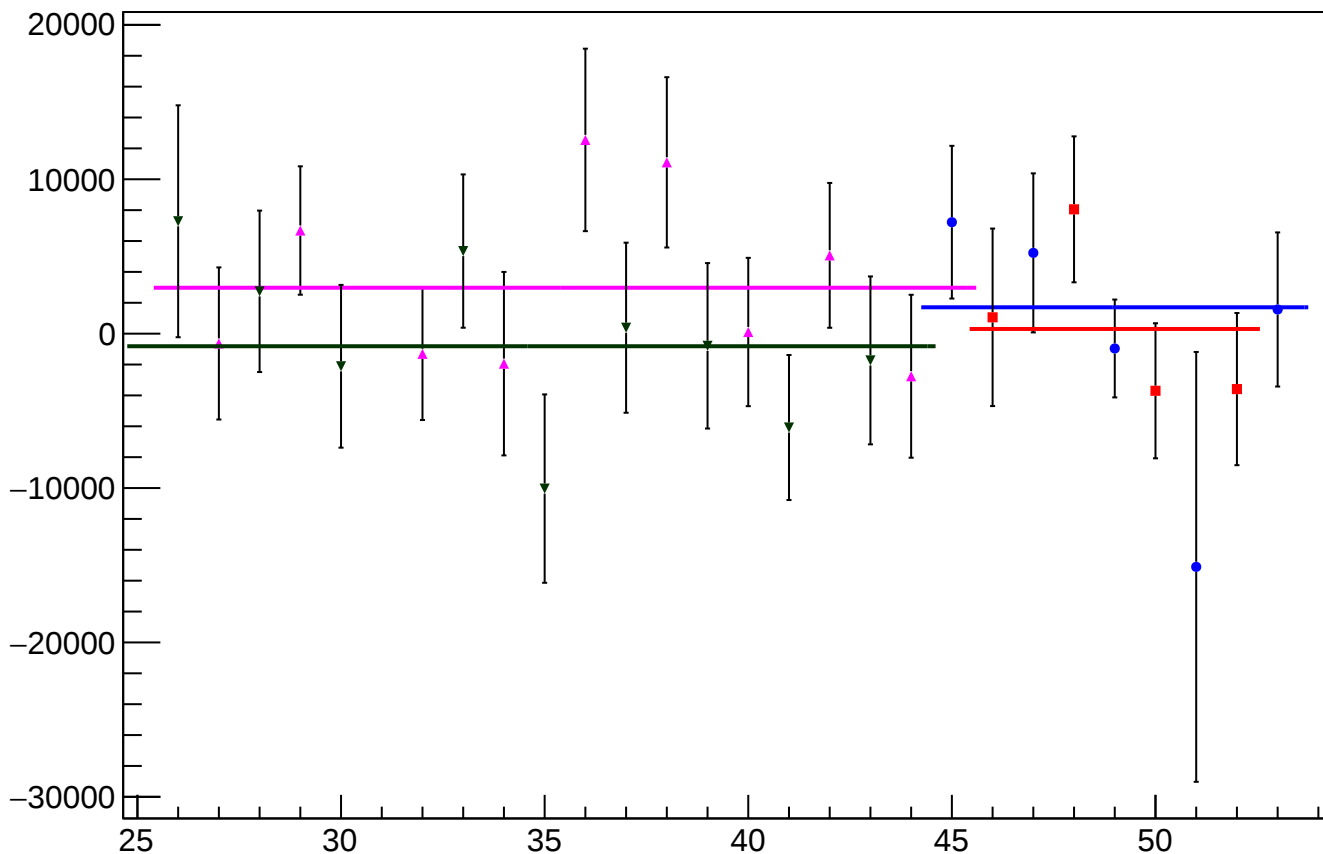
779.436 ± 0.203 $\chi^2/\text{NDF}: 68041.3/13$

Right Out: 825.176 ± 0.421 $\chi^2/\text{NDF}: 10182.5/3$

785.144 ± 0.202 $\chi^2/\text{NDF}: 72782.1/12$

Left In: 773.088 ± 0.231 $\chi^2/\text{NDF}: 50809.2/8$

asym_sam_48_dd_correction_mean vs slug



Right In: 1707.693 $\pm$ 2115.461 χ^2 /NDF: 3.9/4

Left Out: -814.730 $\pm$ 1811.752 χ^2 /NDF: 6.8/8

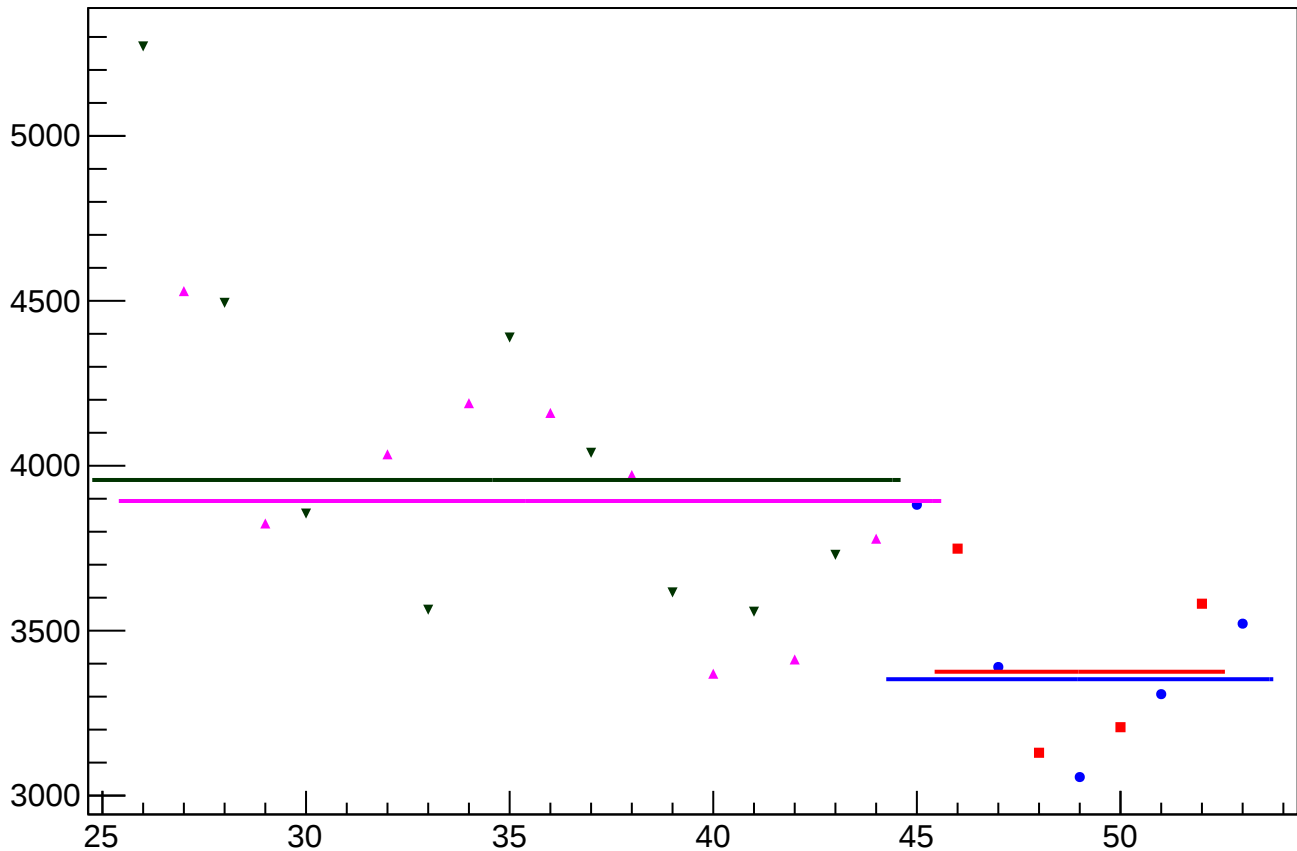
Right Out: 304.160 $\pm$ 2436.461 χ^2 /NDF: 4.2/3

Left In: 2973.562 $\pm$ 1648.529 χ^2 /NDF: 9.5/8

252.571 $\pm$ 1376.067 χ^2 /NDF: 11.5/13

2135.279 $\pm$ 1365.362 χ^2 /NDF: 14.5/12

asym_sam_48_dd_correction_rms vs slug



Right In: 3352.825+/-1.496 χ^2/NDF : 42800.8/4

Left Out: 3956.868+/-1.281 χ^2/NDF :132161.2/8

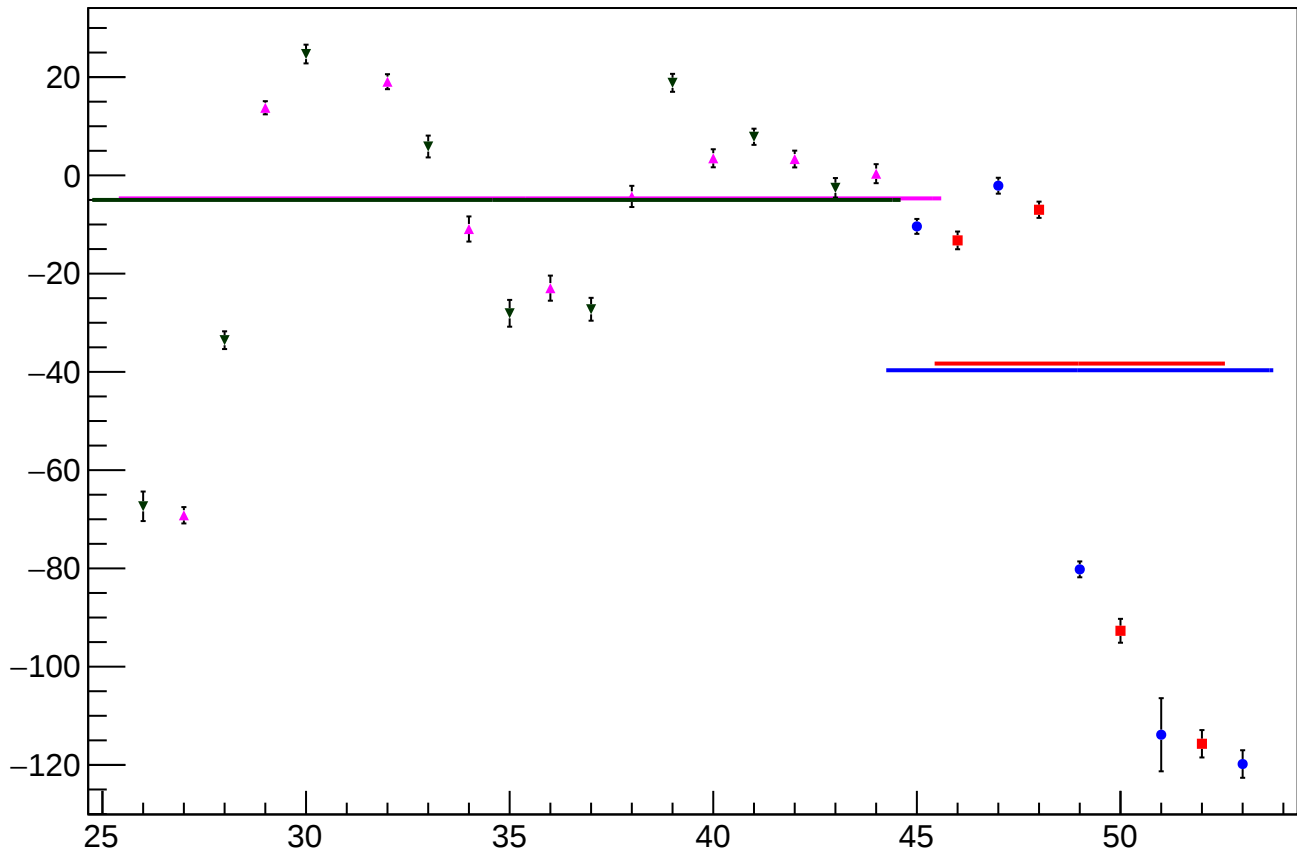
3701.282+/-0.973 χ^2/NDF : 269029.0/13

Right Out: 3375.500+/-1.723 χ^2/NDF : 20287.4/3

3730.589+/-0.965 χ^2/NDF : 173461.4/12

Left In: 3893.148+/-1.166 χ^2/NDF :91246.6/8

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -39.667 ± 0.862 χ^2/NDF : 2457.0/4

Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

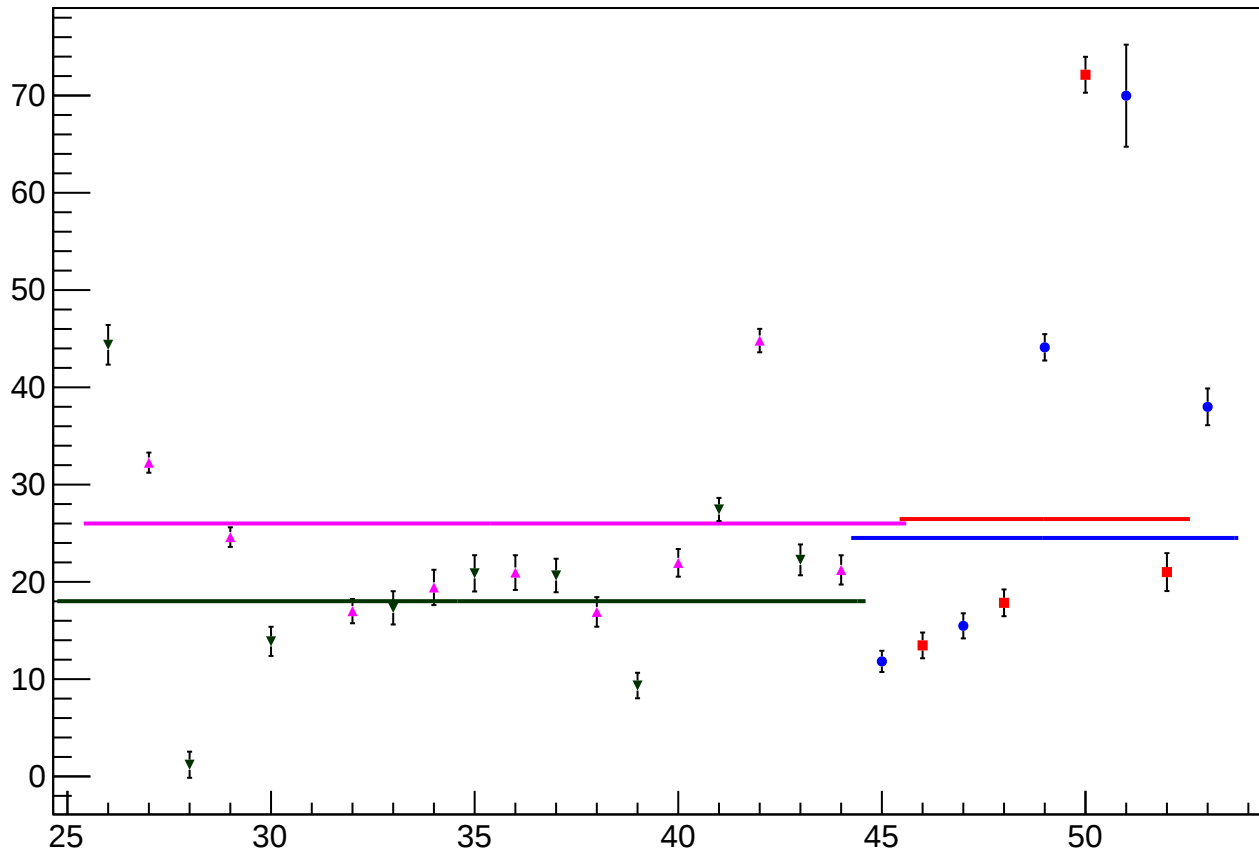
Right Out: -38.307 ± 1.015 χ^2/NDF : 1823.3/3

Left In: -4.688 ± 0.600 χ^2/NDF : 2042.2/8

-18.398 ± 0.536 χ^2/NDF : 4791.6/13

-13.403 ± 0.517 χ^2/NDF : 4678.7/12

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 24.517 $\pm$ 0.659 χ^2 /NDF: 519.1/4

Left Out: 18.015 $\pm$ 0.507 χ^2 /NDF: 450.4/8

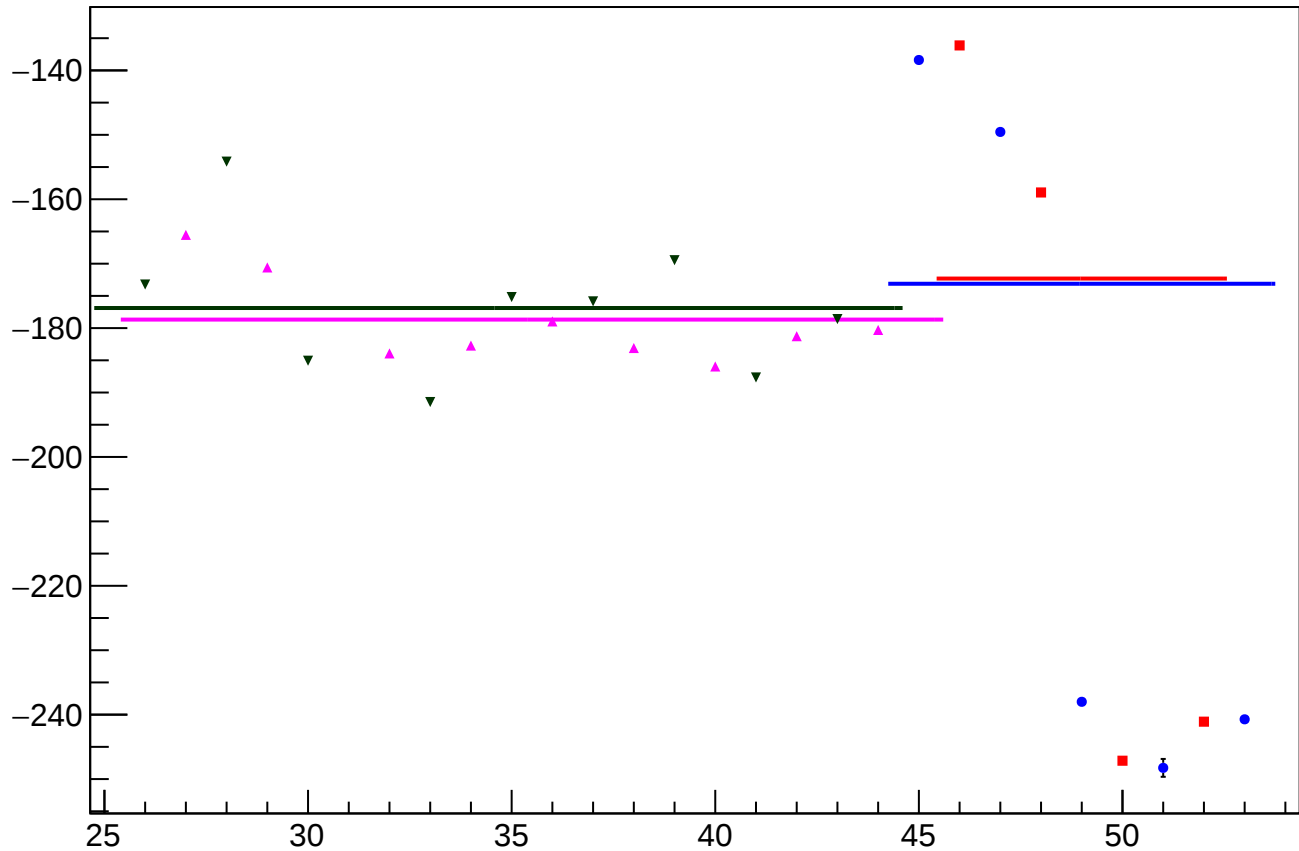
Right Out: 26.459 $\pm$ 0.777 χ^2 /NDF: 756.0/3

Left In: 26.003 $\pm$ 0.437 χ^2 /NDF: 409.3/8

20.430 $\pm$ 0.402 χ^2 /NDF: 1030.6/13

26.112 $\pm$ 0.381 χ^2 /NDF: 1165.5/12

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -173.117+/-0.150 χ^2/NDF : 88313.8/4

Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

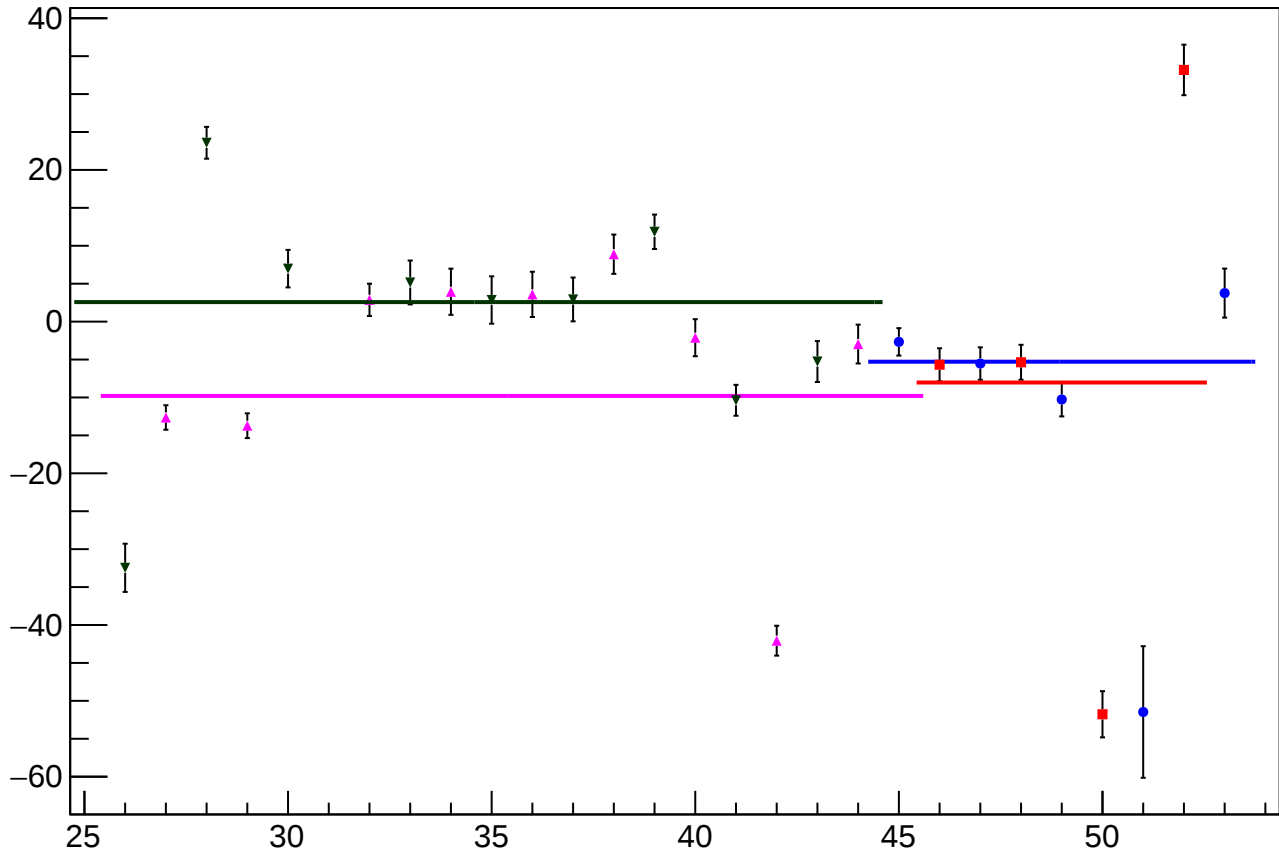
Right Out: -172.309+/-0.172 χ^2/NDF : 65898.6/3

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-175.490+/-0.091 χ^2/NDF : 98408.9/13

-176.979+/-0.089 χ^2/NDF : 71178.9/12

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -5.287 ± 1.095 χ^2/NDF : 43.3/4

Left Out: 2.574 ± 0.844 χ^2/NDF : 291.3/8

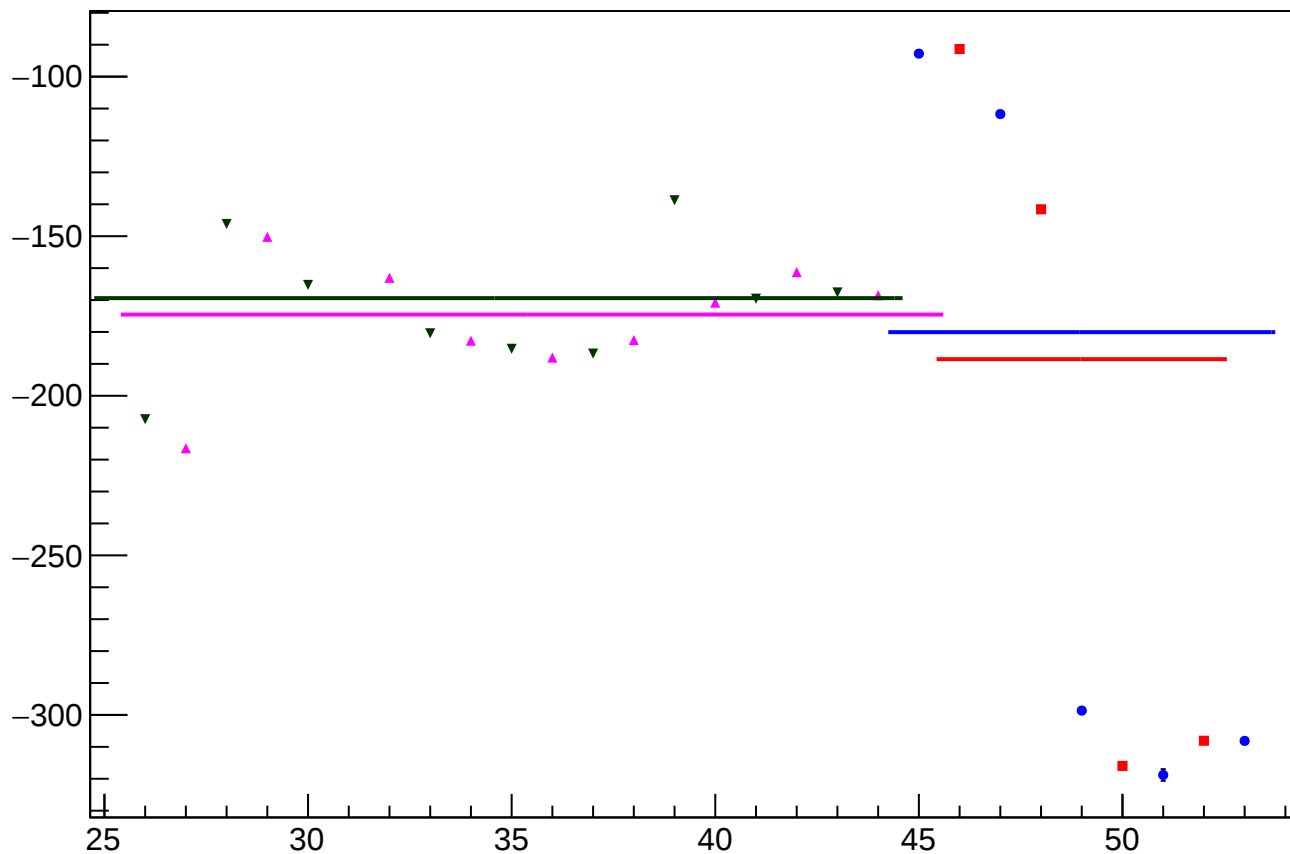
Right Out: -8.029 ± 1.291 χ^2/NDF : 361.9/3

Left In: -9.798 ± 0.721 χ^2/NDF : 422.2/8

-0.356 ± 0.668 χ^2/NDF : 366.9/13

-9.378 ± 0.629 χ^2/NDF : 785.6/12

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -180.066+/-0.212 χ^2/NDF : 216032.1/4

Left Out: -169.406+/-0.155 χ^2/NDF :16565.2/8

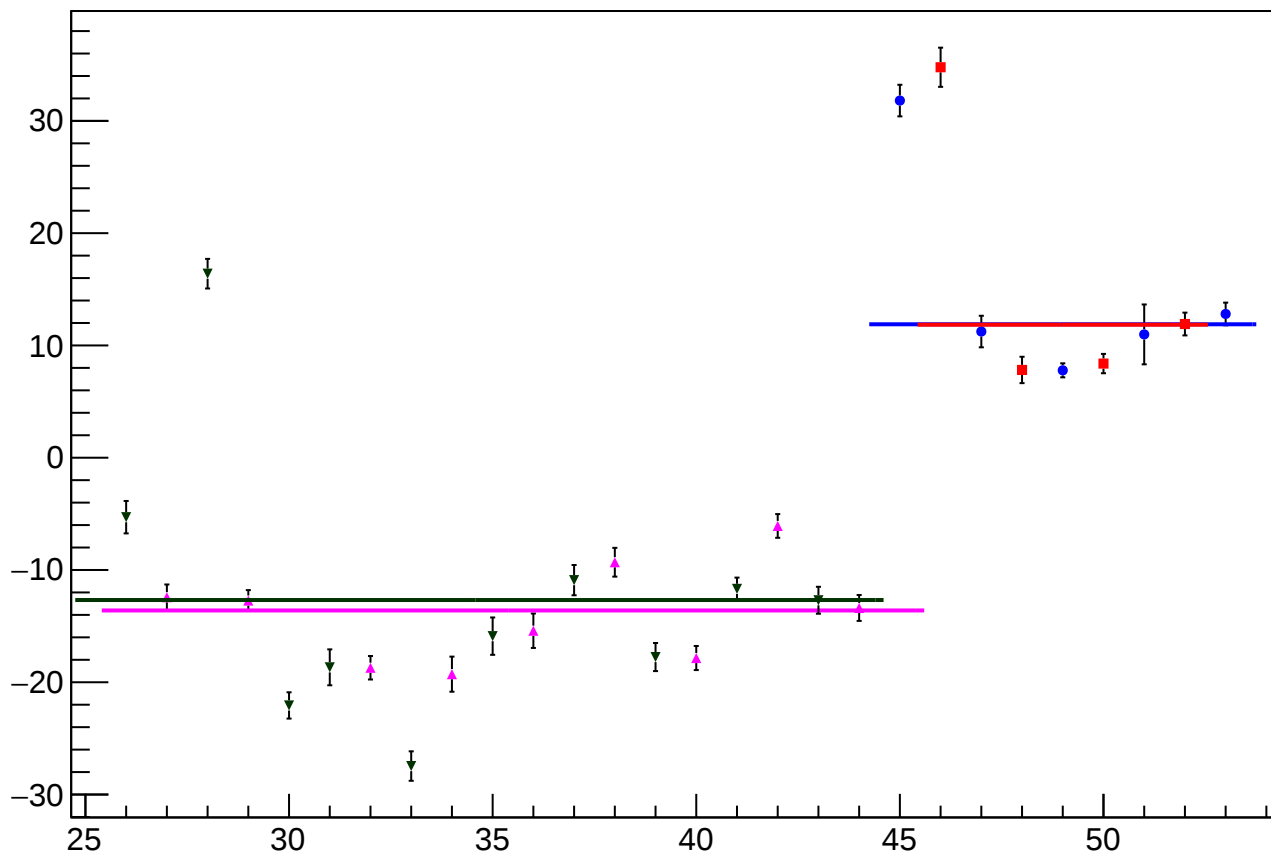
Right Out: -188.530+/-0.242 χ^2/NDF : 160671.2/3

Left In: -174.554+/-0.152 χ^2/NDF :17338.0/8

-173.121+/-0.125 χ^2/NDF : 234240.3/13

-178.494+/-0.129 χ^2/NDF : 180403.2/12

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.885 ± 0.461 χ^2/NDF : 244.6/4

Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

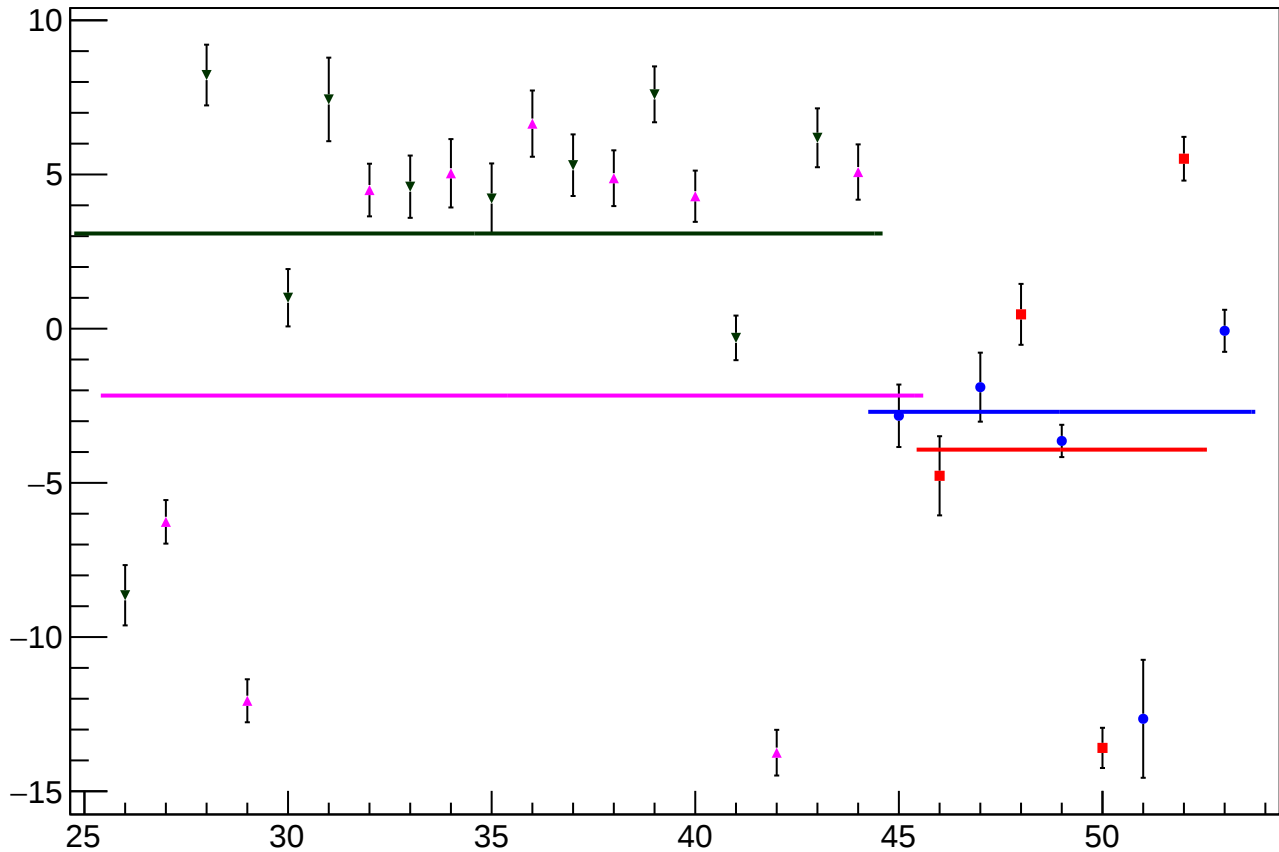
Right Out: 11.848 ± 0.544 χ^2/NDF : 200.8/3

Left In: -13.605 ± 0.383 χ^2/NDF : 118.1/8

-1.889 ± 0.306 χ^2/NDF : 2572.7/14

-5.163 ± 0.313 χ^2/NDF : 1780.3/12

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.696 ± 0.357 $\chi^2/\text{NDF}: 45.7/4$

Left Out: 3.086 ± 0.305 $\chi^2/\text{NDF}: 251.9/9$

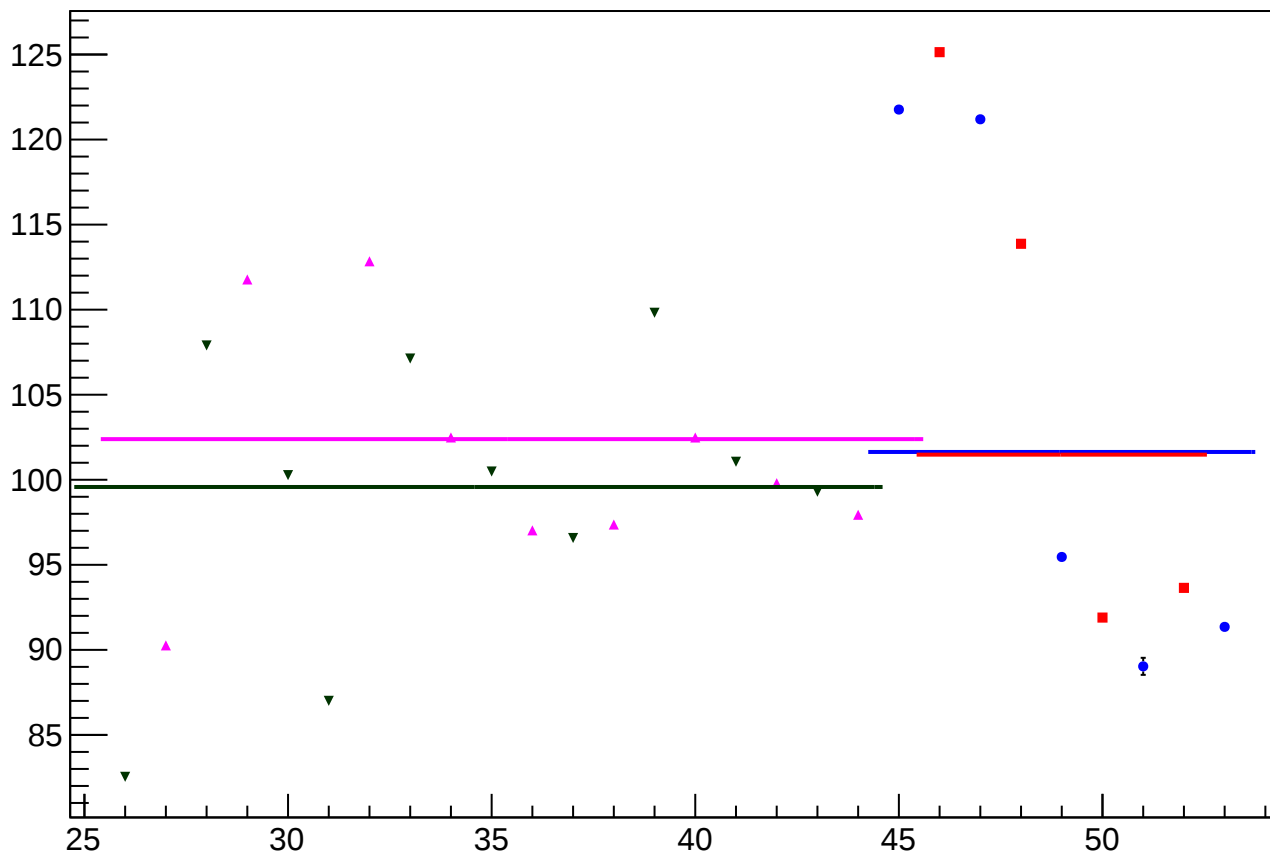
Right Out: -3.922 ± 0.409 $\chi^2/\text{NDF}: 417.2/3$

Left In: -2.169 ± 0.279 $\chi^2/\text{NDF}: 836.6/8$

0.647 ± 0.232 $\chi^2/\text{NDF}: 449.4/14$

-2.725 ± 0.230 $\chi^2/\text{NDF}: 1266.3/12$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 101.634+/-0.086 χ^2/NDF : 21364.9/4

Left Out: 99.576+/-0.067 χ^2/NDF :14210.5/9

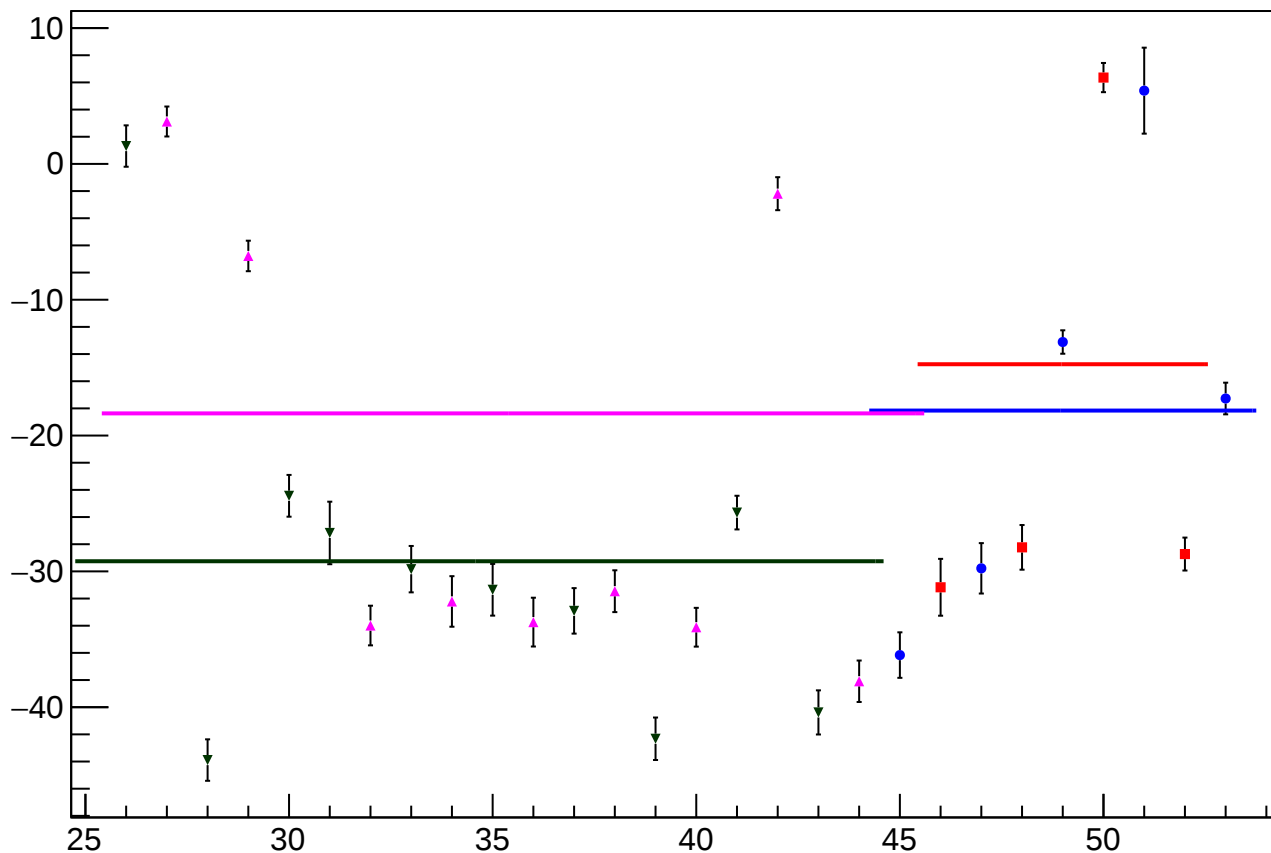
Right Out: 101.477+/-0.098 χ^2/NDF : 16700.5/3

Left In: 102.389+/-0.066 χ^2/NDF :12190.9/8

100.352+/-0.053 χ^2/NDF : 35931.6/14

102.103+/-0.055 χ^2/NDF : 28951.3/12

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -18.160 ± 0.595 $\chi^2/\text{NDF}: 244.8/4$

Left Out: -29.254 ± 0.507 $\chi^2/\text{NDF}: 636.3/9$

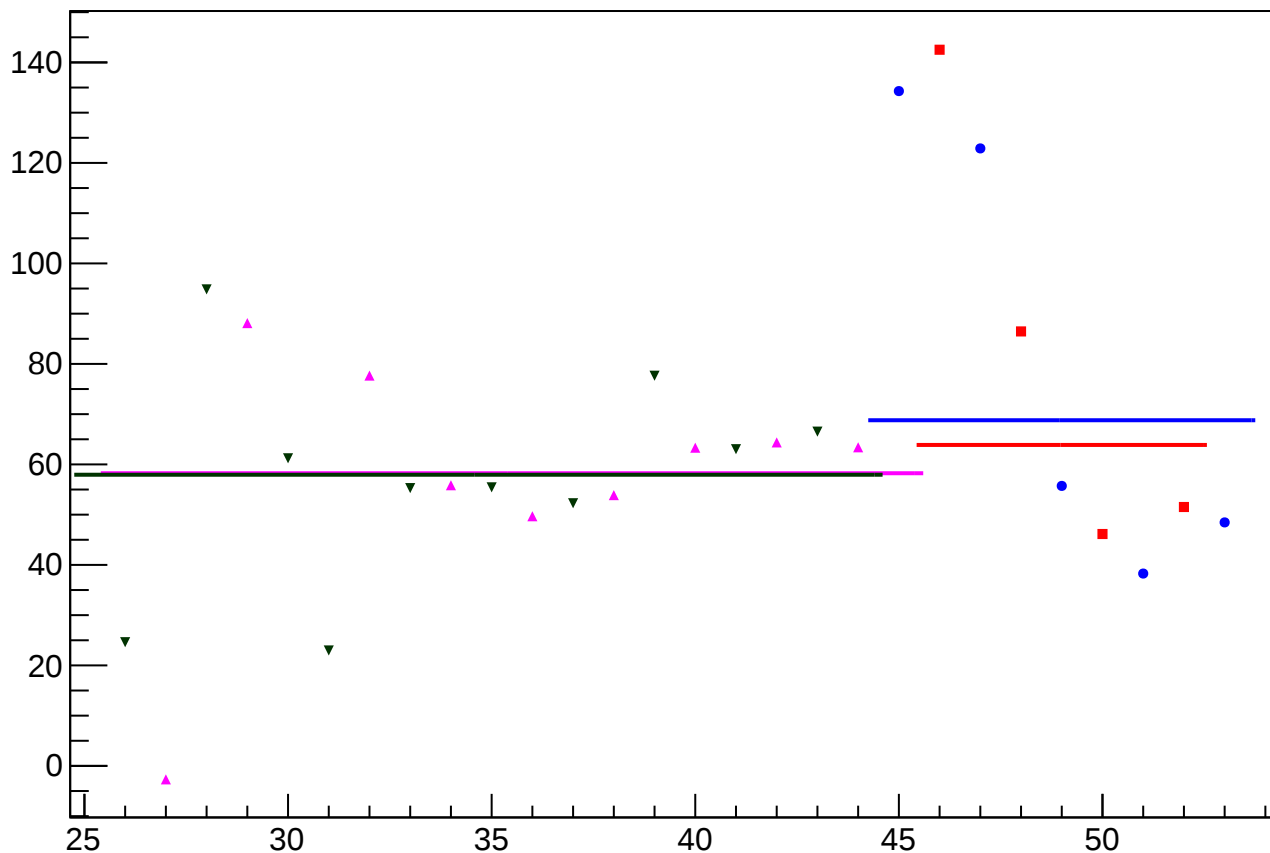
Right Out: -14.749 ± 0.683 $\chi^2/\text{NDF}: 646.8/3$

Left In: -18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

-24.583 ± 0.386 $\chi^2/\text{NDF}: 1082.5/14$

-17.235 ± 0.382 $\chi^2/\text{NDF}: 1933.4/12$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 68.789 ± 0.113 χ^2/NDF : 79020.0/4

Left Out: 57.944 ± 0.092 χ^2/NDF : 48321.4/9

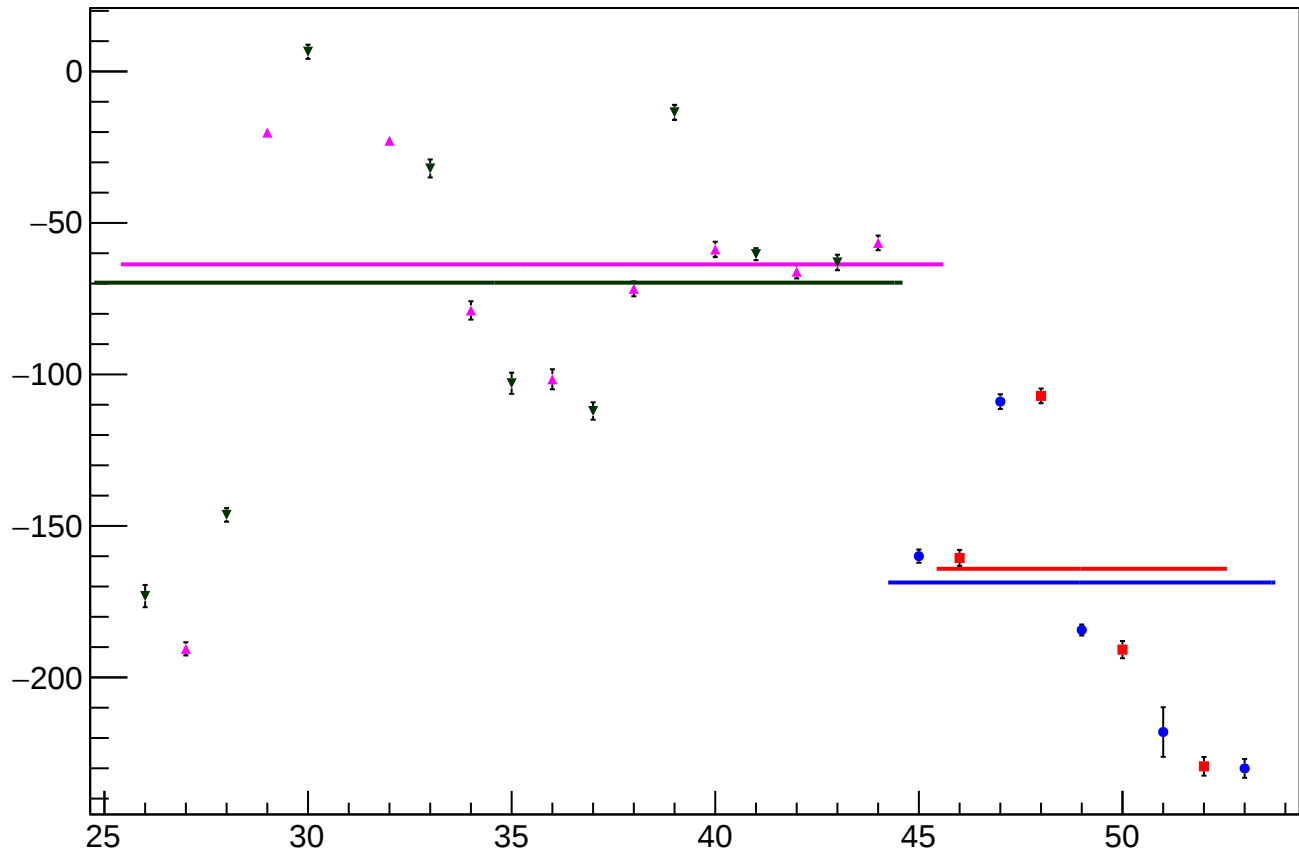
Right Out: 63.874 ± 0.122 χ^2/NDF : 54827.6/3

Left In: 58.243 ± 0.096 χ^2/NDF : 65783.5/8

62.268 ± 0.071 χ^2/NDF : 132895.8/14

60.400 ± 0.075 χ^2/NDF : 121934.2/12

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -168.673+/-1.118 χ^2/NDF : 1120.2/4

Left Out: -69.710+/-0.865 χ^2/NDF : 4019.0/8

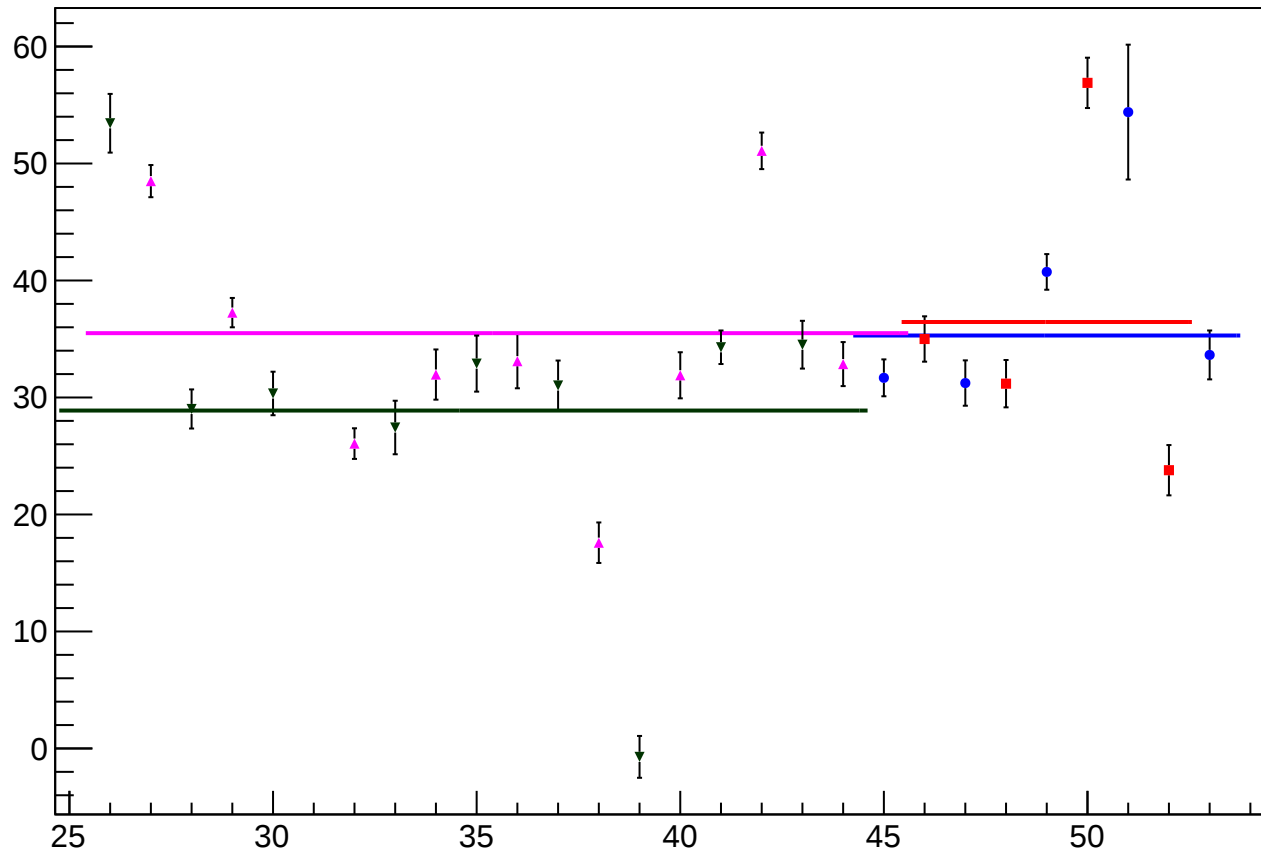
Right Out: -164.133+/-1.356 χ^2/NDF : 1093.6/3

Left In: -63.663+/-0.734 χ^2/NDF : 4921.5/8

-106.777+/-0.684 χ^2/NDF : 10044.1/13

-86.408+/-0.645 χ^2/NDF : 10259.3/12

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 35.298 ± 0.858 χ^2/NDF : 34.0/4

Left Out: 28.884 ± 0.641 χ^2/NDF : 396.4/8

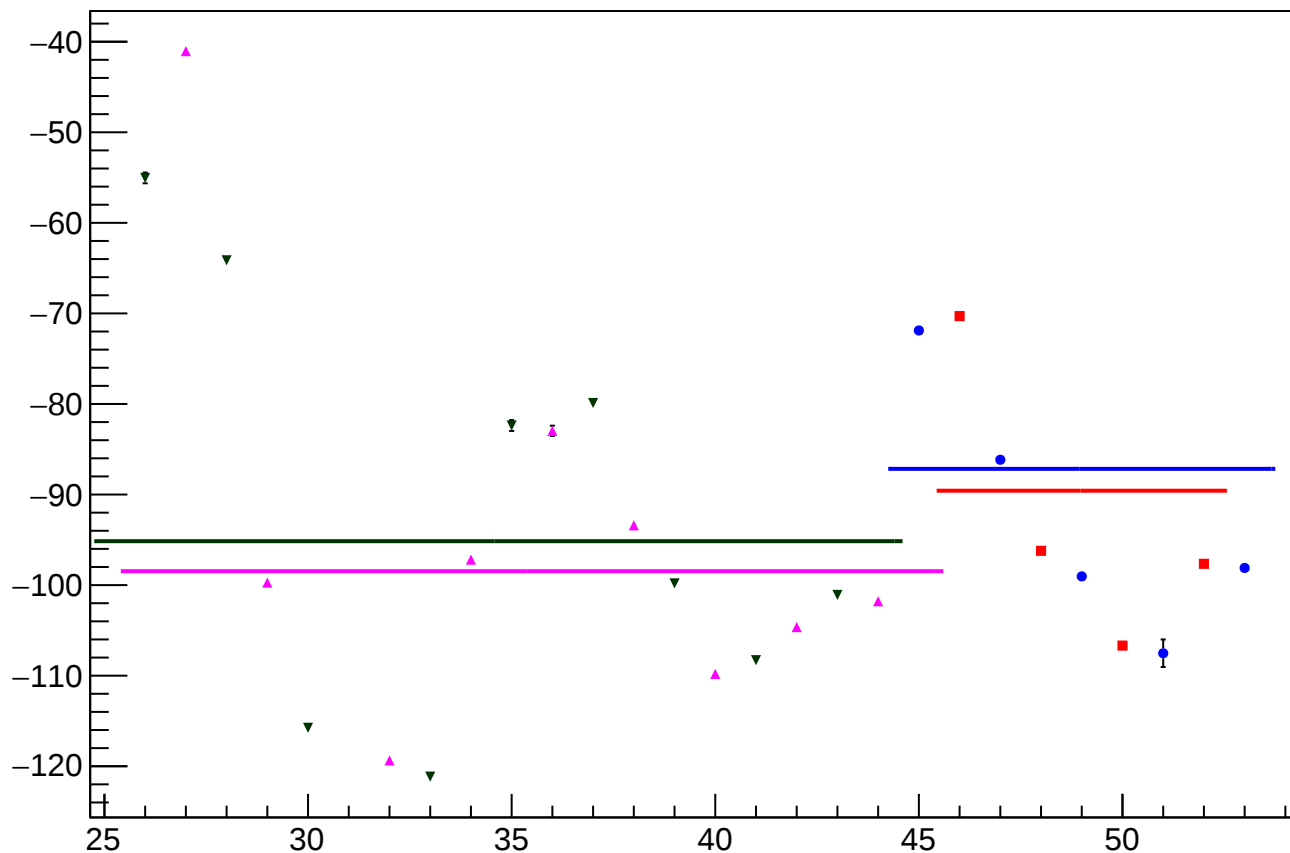
Right Out: 36.453 ± 1.030 χ^2/NDF : 132.3/3

Left In: 35.499 ± 0.540 χ^2/NDF : 358.9/8

31.183 ± 0.514 χ^2/NDF : 466.2/13

35.704 ± 0.478 χ^2/NDF : 492.0/12

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -87.163 ± 0.199 $\chi^2/\text{NDF}: 3523.1/4$

Left Out: -95.151 ± 0.144 $\chi^2/\text{NDF}: 20300.2/8$

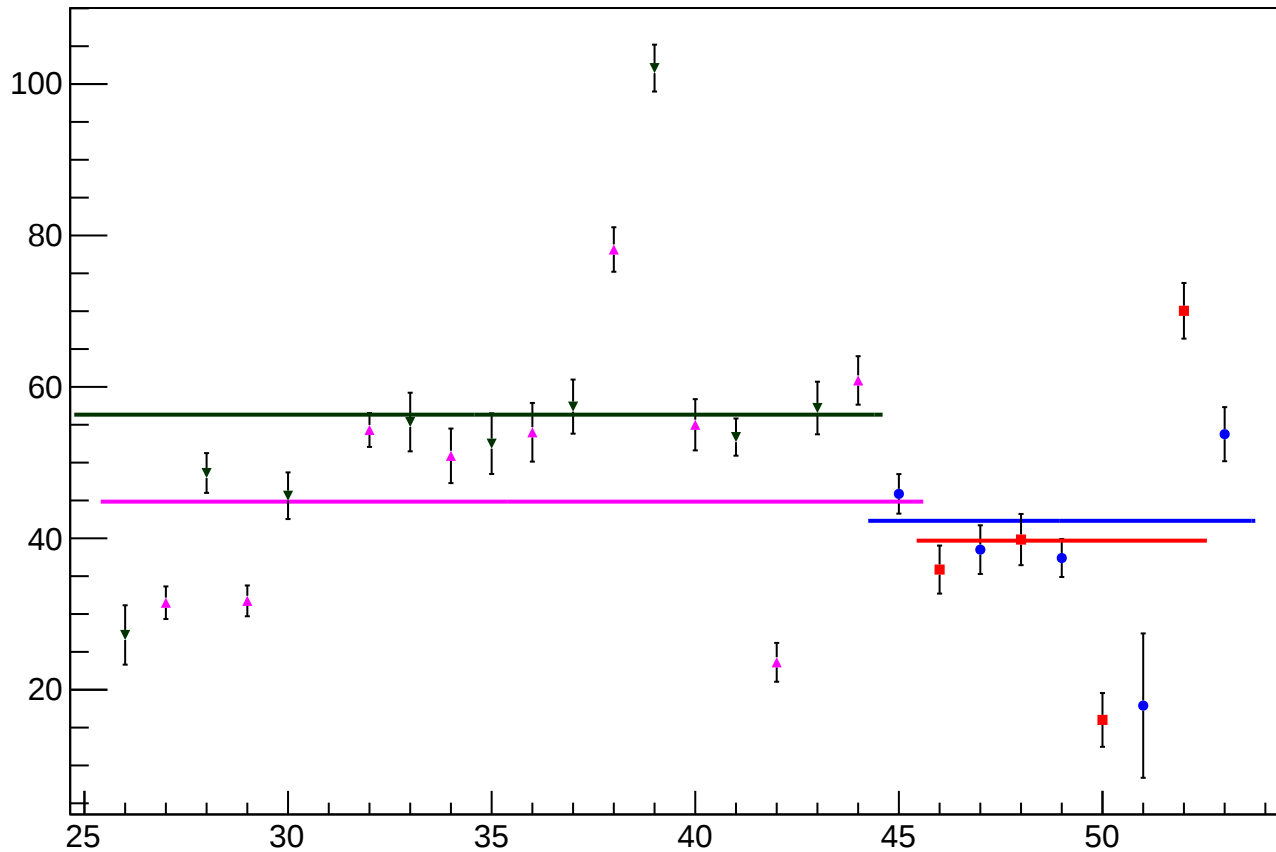
Right Out: -89.576 ± 0.233 $\chi^2/\text{NDF}: 3792.1/3$

Left In: -98.464 ± 0.125 $\chi^2/\text{NDF}: 31724.1/8$

-92.402 ± 0.117 $\chi^2/\text{NDF}: 24878.9/13$

-96.482 ± 0.110 $\chi^2/\text{NDF}: 36651.1/12$

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 42.310 ± 1.425 χ^2/NDF : 23.9/4

Left Out: 56.333 ± 1.069 χ^2/NDF : 296.9/8

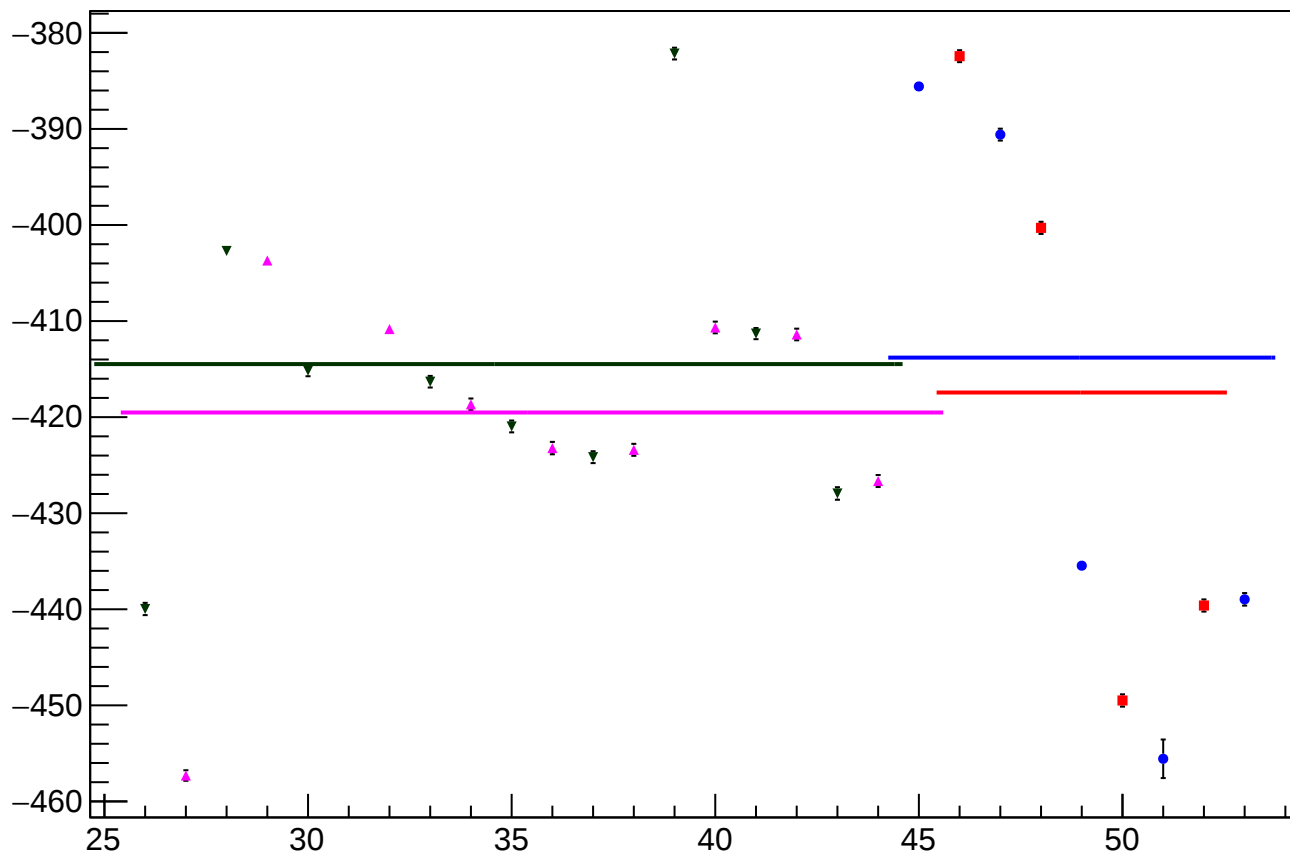
Right Out: 39.692 ± 1.714 χ^2/NDF : 114.2/3

Left In: 44.845 ± 0.893 χ^2/NDF : 337.0/8

51.287 ± 0.855 χ^2/NDF : 382.8/13

43.745 ± 0.792 χ^2/NDF : 458.3/12

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -413.803+/-0.275 χ^2/NDF : 8275.9/4

Left Out: -414.478+/-0.199 χ^2/NDF : 5731.0/8

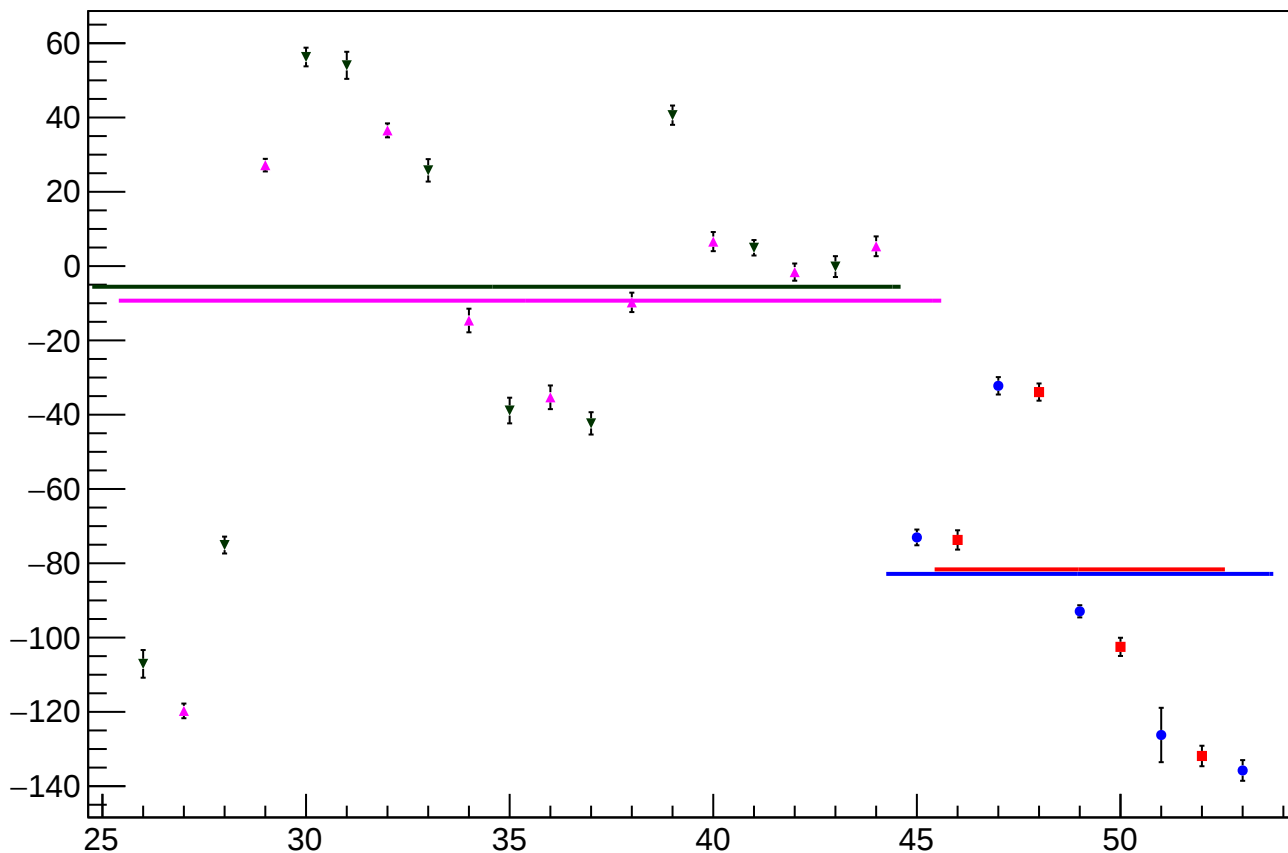
Right Out: -417.436+/-0.317 χ^2/NDF : 7601.7/3

Left In: -419.518+/-0.188 χ^2/NDF : 6841.3/8

-414.246+/-0.161 χ^2/NDF : 14010.9/13

-418.974+/-0.162 χ^2/NDF : 14474.9/12

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -82.857 ± 1.040 χ^2/NDF : 921.8/4

Left Out: -5.557 ± 0.874 χ^2/NDF : 3249.1/9

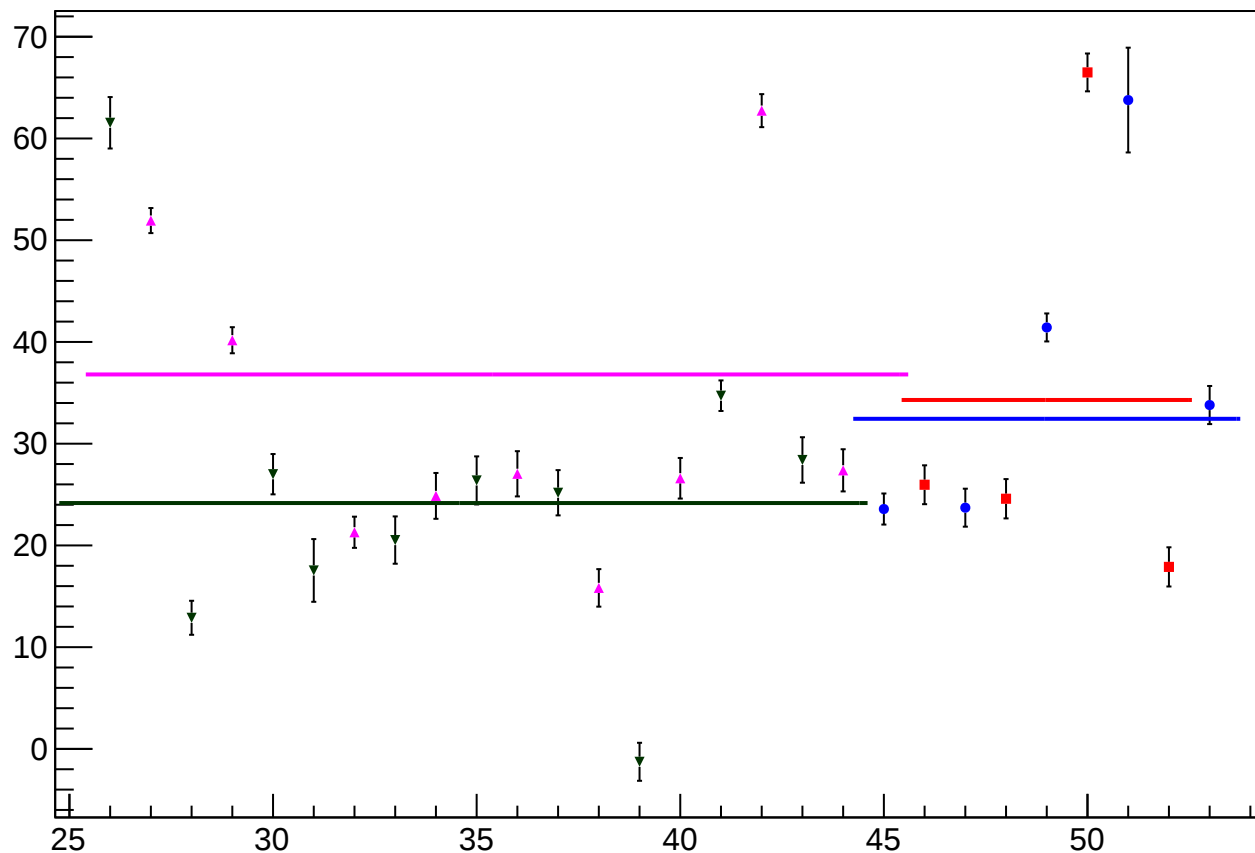
Right Out: -81.644 ± 1.258 χ^2/NDF : 838.9/3

Left In: -9.304 ± 0.765 χ^2/NDF : 4334.5/8

-37.540 ± 0.669 χ^2/NDF : 7408.5/14

-28.850 ± 0.654 χ^2/NDF : 7588.2/12

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 32.446 $\pm$ 0.799 χ^2 /NDF: 135.8/4

Left Out: 24.167 $\pm$ 0.649 χ^2 /NDF: 512.5/9

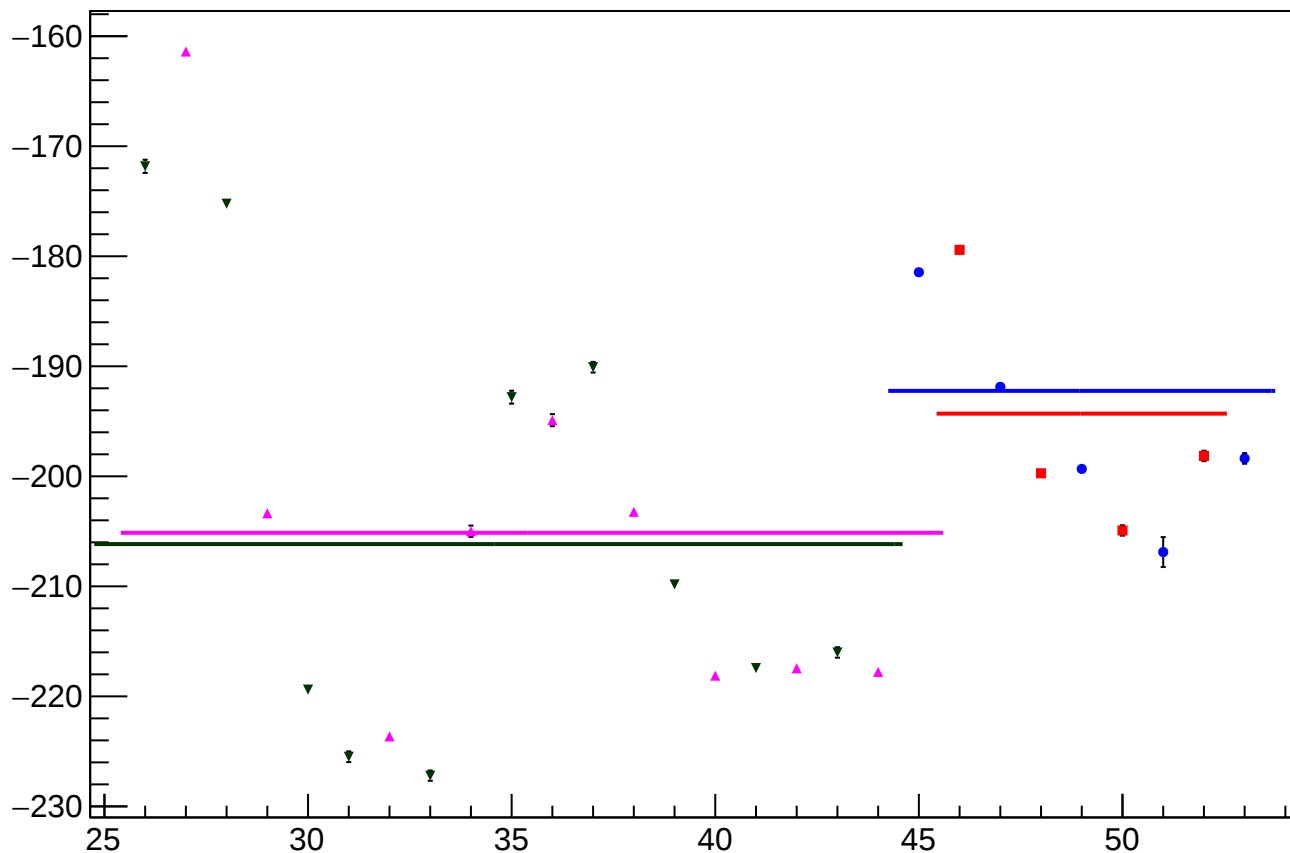
Right Out: 34.297 $\pm$ 0.953 χ^2 /NDF: 416.3/3

Left In: 36.806 $\pm$ 0.555 χ^2 /NDF: 738.7/8

27.461 $\pm$ 0.504 χ^2 /NDF: 712.9/14

36.171 $\pm$ 0.480 χ^2 /NDF: 1160.2/12

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -192.235+/-0.186 χ^2/NDF : 1734.6/4

Left Out: -206.161+/-0.144 χ^2/NDF : 16990.9/9

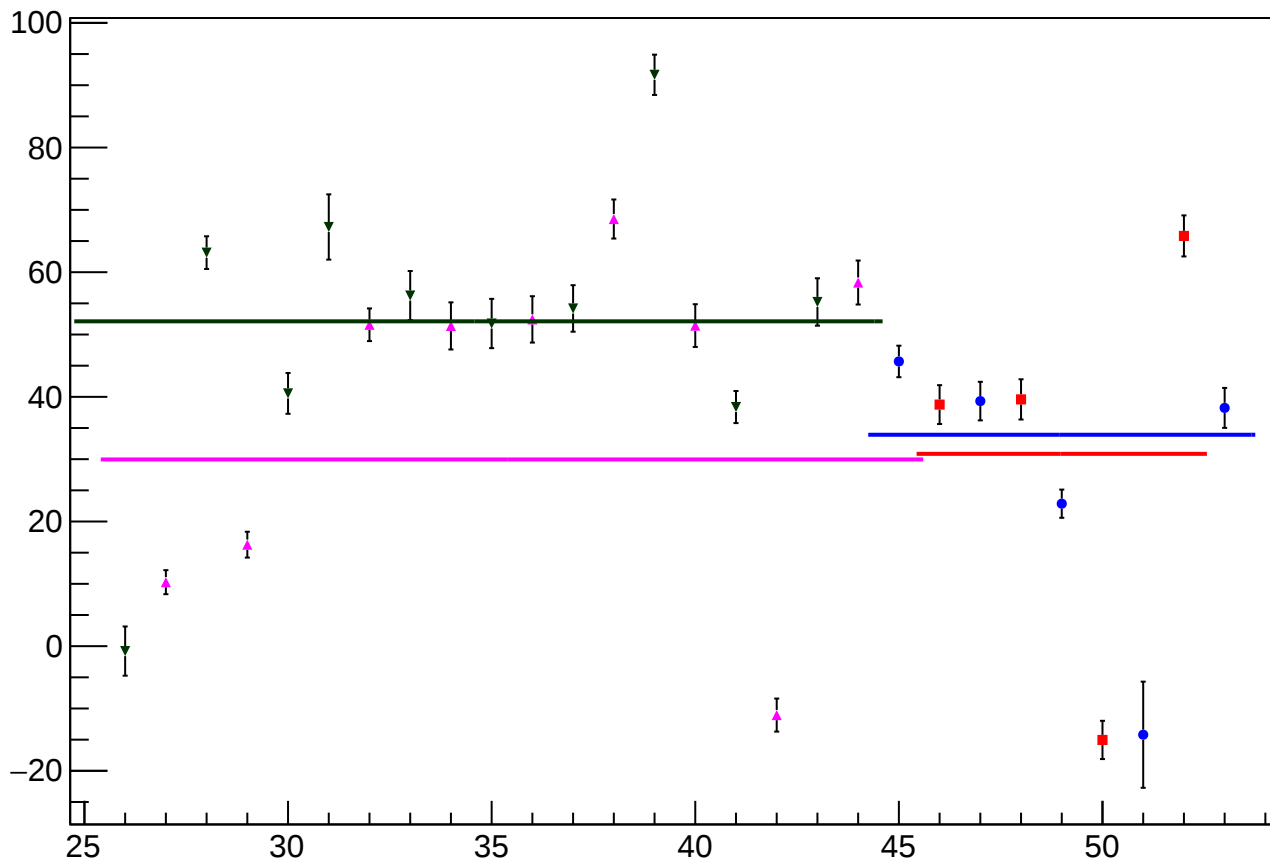
Right Out: -194.304+/-0.217 χ^2/NDF : 2175.7/3

Left In: -205.134+/-0.132 χ^2/NDF : 22564.1/8

-200.947+/-0.114 χ^2/NDF : 22216.4/14

-202.231+/-0.113 χ^2/NDF : 26555.5/12

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 33.921 ± 1.328 χ^2/NDF : 82.3/4

Left Out: 52.118 ± 1.081 χ^2/NDF : 398.5/9

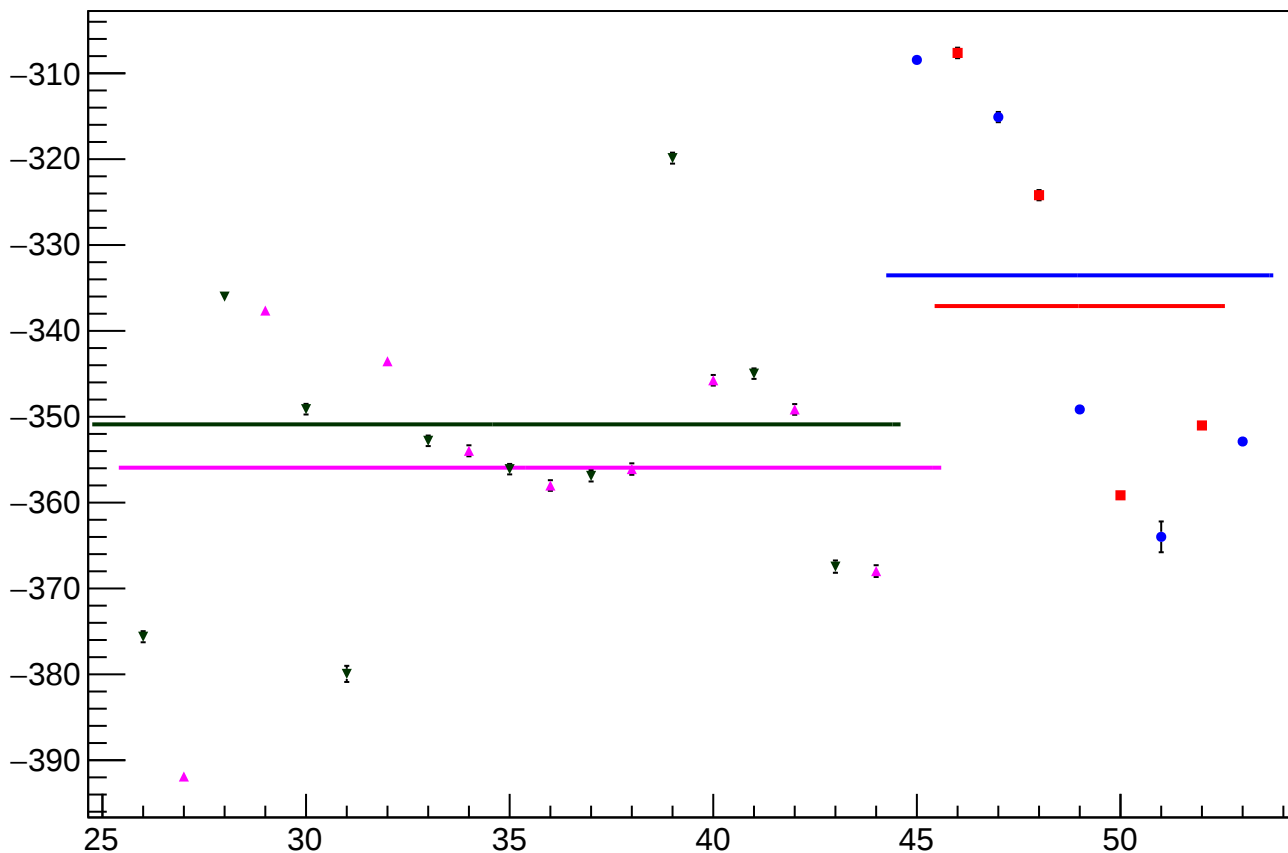
Right Out: 30.858 ± 1.587 χ^2/NDF : 350.1/3

Left In: 29.956 ± 0.913 χ^2/NDF : 779.4/8

44.861 ± 0.838 χ^2/NDF : 593.8/14

30.180 ± 0.792 χ^2/NDF : 1129.7/12

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -333.532 $\pm$ 0.256 χ^2 /NDF: 6093.4/4

Left Out: -350.887 $\pm$ 0.200 χ^2 /NDF: 6484.7/9

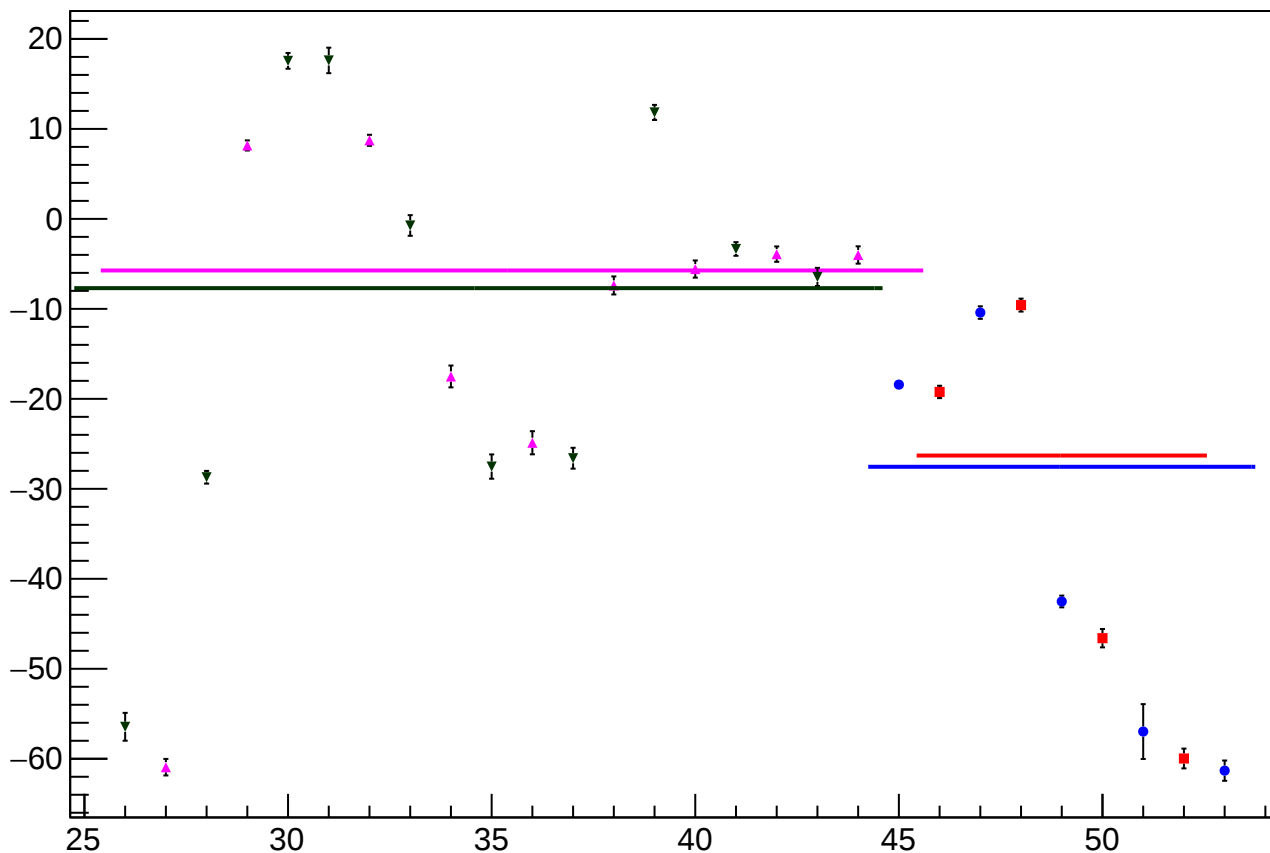
Right Out: -337.109 $\pm$ 0.291 χ^2 /NDF: 4956.7/3

Left In: -355.932 $\pm$ 0.194 χ^2 /NDF: 7933.4/8

-344.304 $\pm$ 0.157 χ^2 /NDF: 15437.2/14

-350.146 $\pm$ 0.161 χ^2 /NDF: 15784.3/12

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -27.551+/-0.342 χ^2/NDF : 2393.0/4

Left Out: -7.698+/-0.310 χ^2/NDF : 4119.4/9

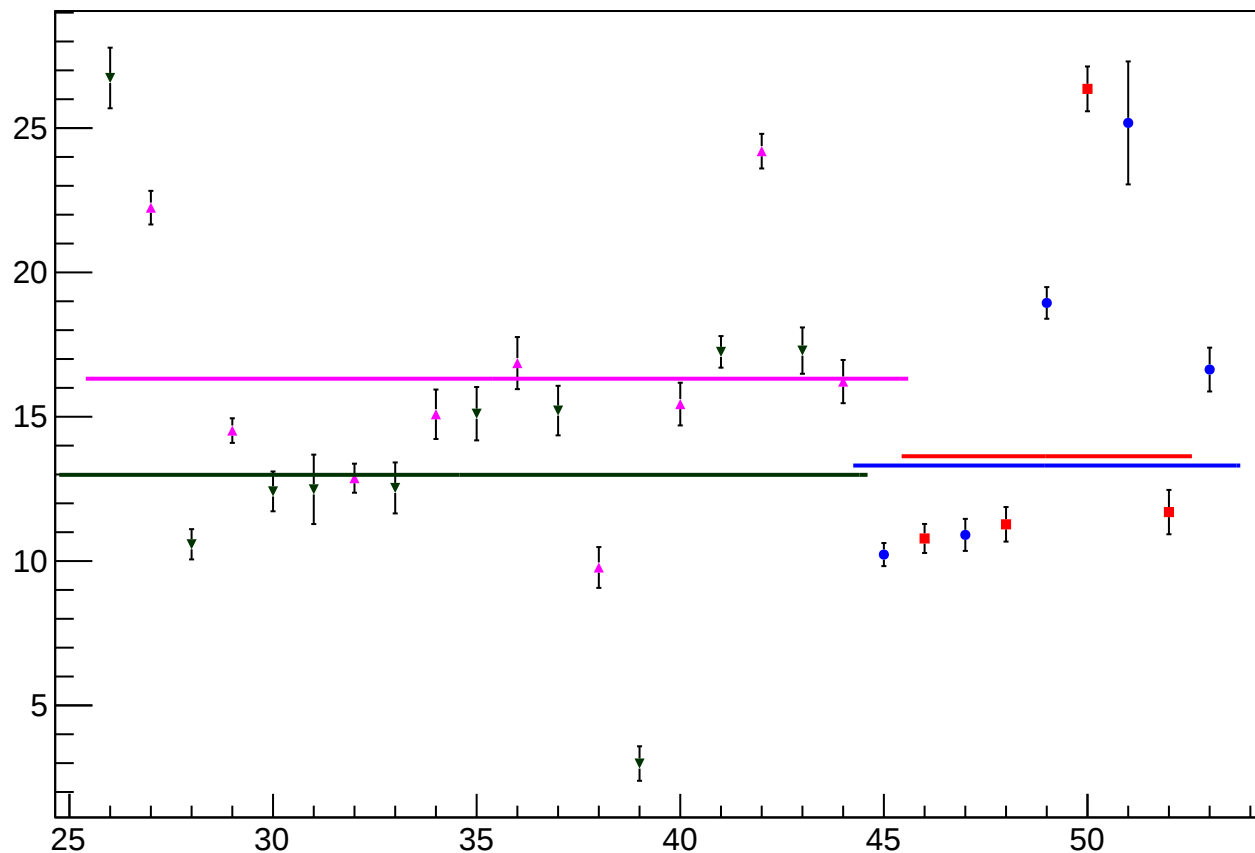
Right Out: -26.301+/-0.414 χ^2/NDF : 1979.5/3

Left In: -5.733+/-0.279 χ^2/NDF : 5095.9/8

-16.649+/-0.230 χ^2/NDF : 8363.1/14

-12.173+/-0.232 χ^2/NDF : 8771.7/12

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 13.310 $\pm$ 0.260 χ^2/NDF : 234.2/4

Left Out: 12.987 $\pm$ 0.230 χ^2/NDF : 575.0/9

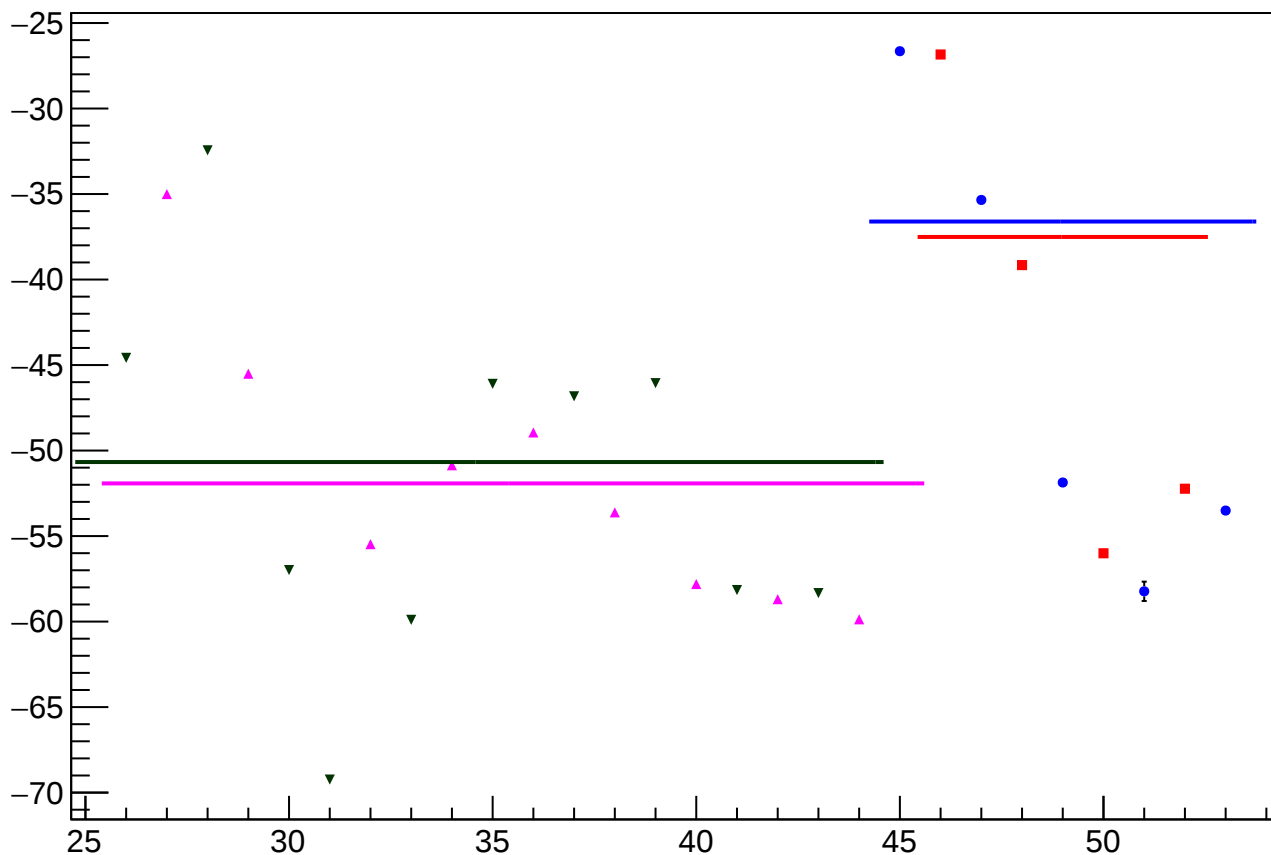
Right Out: 13.631 $\pm$ 0.315 χ^2/NDF : 322.9/3

Left In: 16.318 $\pm$ 0.207 χ^2/NDF : 430.3/8

13.129 $\pm$ 0.172 χ^2/NDF : 810.1/14

15.507 $\pm$ 0.173 χ^2/NDF : 804.2/12

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.608 $\pm$ 0.059 χ^2 /NDF: 34491.1/4

Left Out: -50.671 $\pm$ 0.051 χ^2 /NDF: 44323.0/9

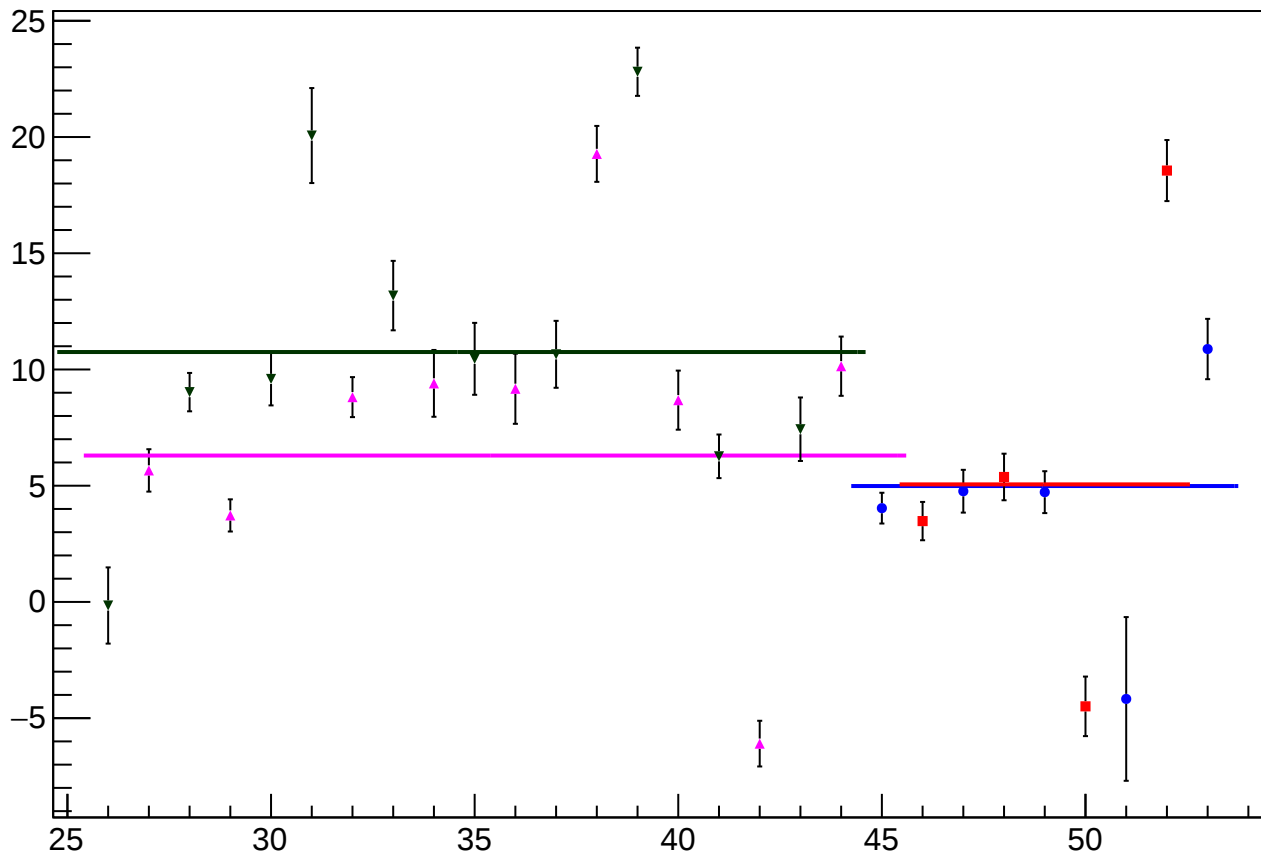
Right Out: -37.510 $\pm$ 0.069 χ^2 /NDF: 25672.3/3

Left In: -51.920 $\pm$ 0.048 χ^2 /NDF: 21764.1/8

-44.654 $\pm$ 0.039 χ^2 /NDF: 110985.8/14

-47.285 $\pm$ 0.039 χ^2 /NDF: 76615.7/12

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.986 ± 0.432 χ^2/NDF : 29.6/4

Left Out: 10.751 ± 0.383 χ^2/NDF : 237.1/9

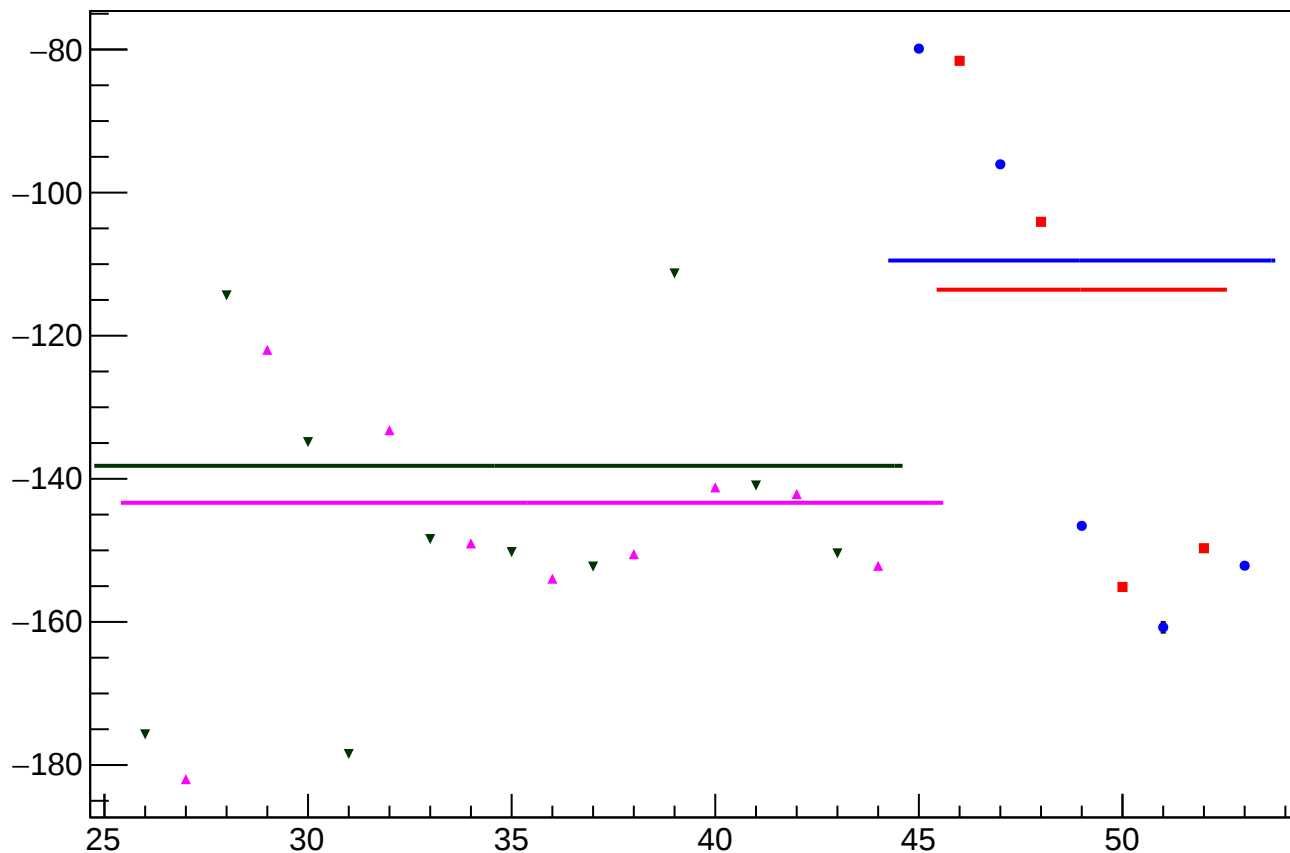
Right Out: 5.057 ± 0.523 χ^2/NDF : 165.0/3

Left In: 6.298 ± 0.343 χ^2/NDF : 319.2/8

8.207 ± 0.287 χ^2/NDF : 366.4/14

5.925 ± 0.287 χ^2/NDF : 488.1/12

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -109.490+/-0.084 χ^2/NDF : 138795.8/4

Left Out: -138.184+/-0.072 χ^2/NDF : 82180.0/9

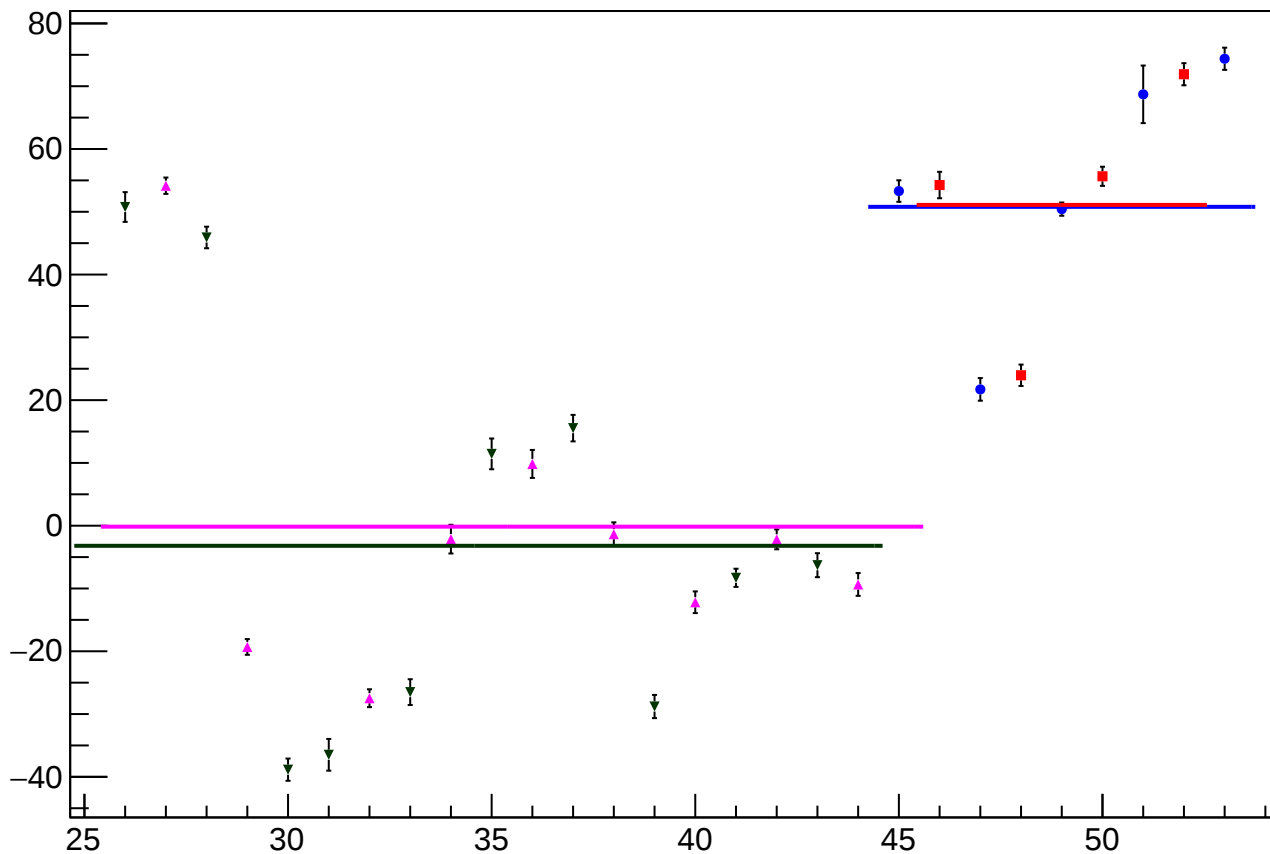
Right Out: -113.566+/-0.098 χ^2/NDF : 99114.5/3

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-126.087+/-0.055 χ^2/NDF : 288433.9/14

-132.945+/-0.058 χ^2/NDF : 214040.4/12

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 50.787 $\pm$ 0.723 χ^2 /NDF: 456.0/4

Left Out: -3.202 $\pm$ 0.613 χ^2 /NDF: 2363.4/9

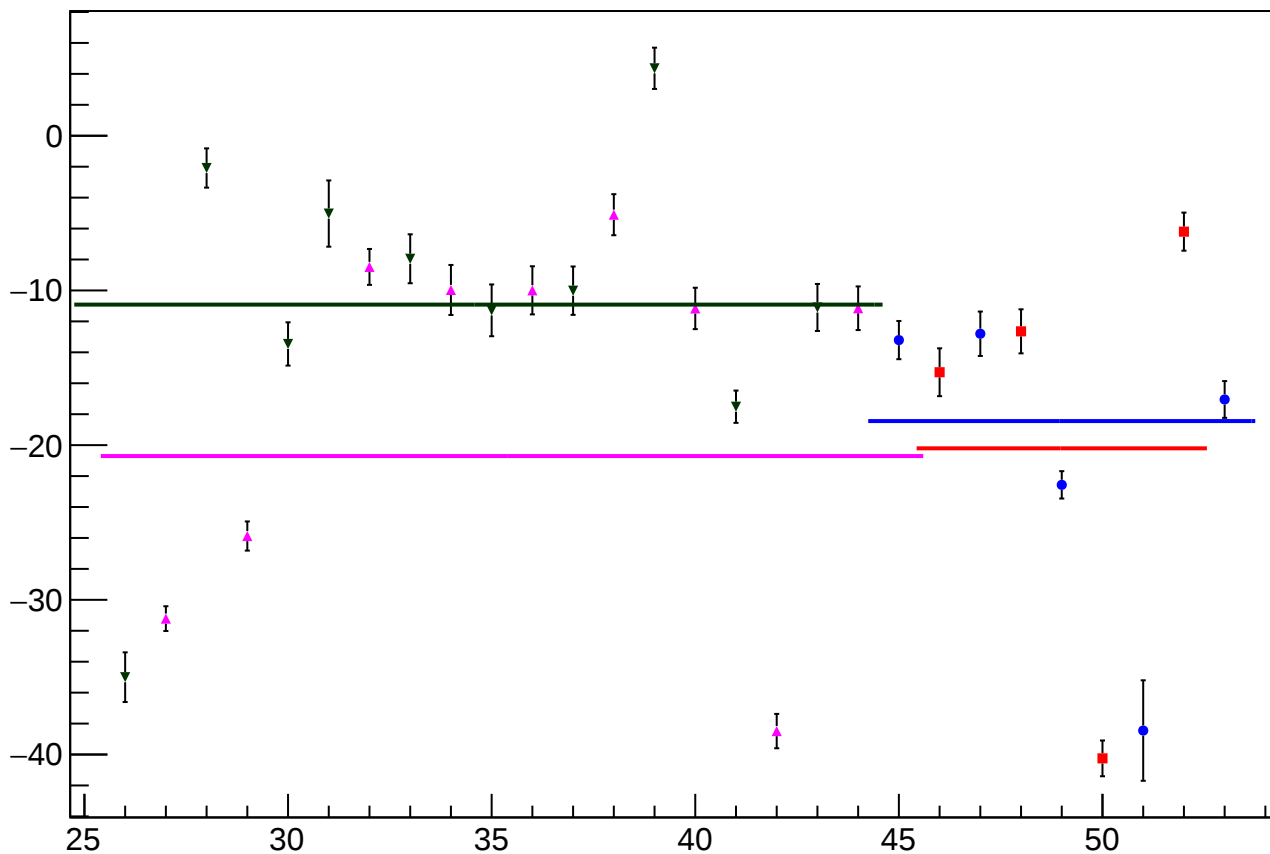
Right Out: 51.096 $\pm$ 0.869 χ^2 /NDF: 404.9/3

Left In: -0.152 $\pm$ 0.540 χ^2 /NDF: 2441.2/8

19.372 $\pm$ 0.467 χ^2 /NDF: 6066.0/14

14.102 $\pm$ 0.458 χ^2 /NDF: 5355.6/12

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -18.444 ± 0.557 χ^2/NDF : 94.4/4

Left Out: -10.916 ± 0.456 χ^2/NDF : 459.2/9

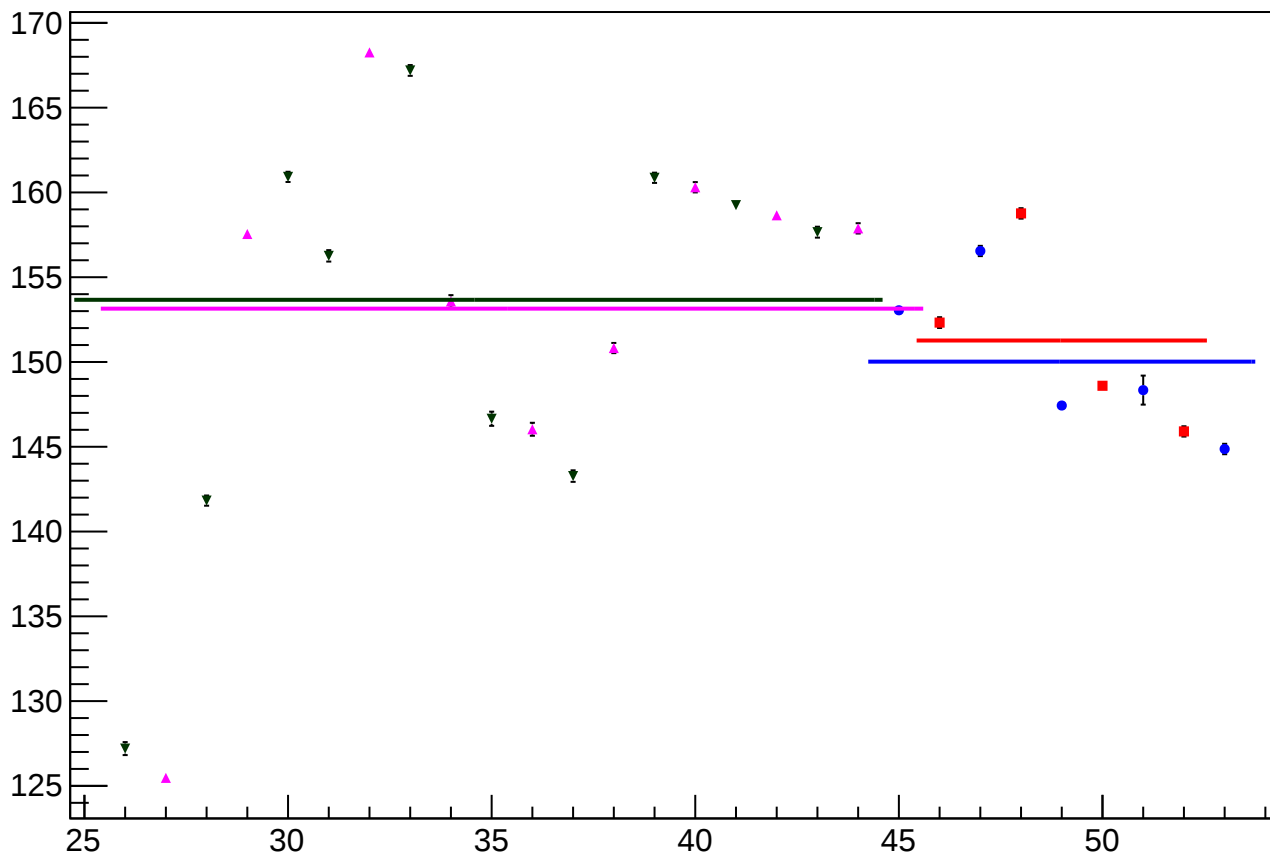
Right Out: -20.207 ± 0.657 χ^2/NDF : 468.5/3

Left In: -20.706 ± 0.387 χ^2/NDF : 896.2/8

-13.932 ± 0.353 χ^2/NDF : 663.0/14

-20.577 ± 0.334 χ^2/NDF : 1365.2/12

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 150.021 ± 0.132 χ^2/NDF : 1014.2/4

Left Out: 153.668 ± 0.101 χ^2/NDF : 11181.3/9

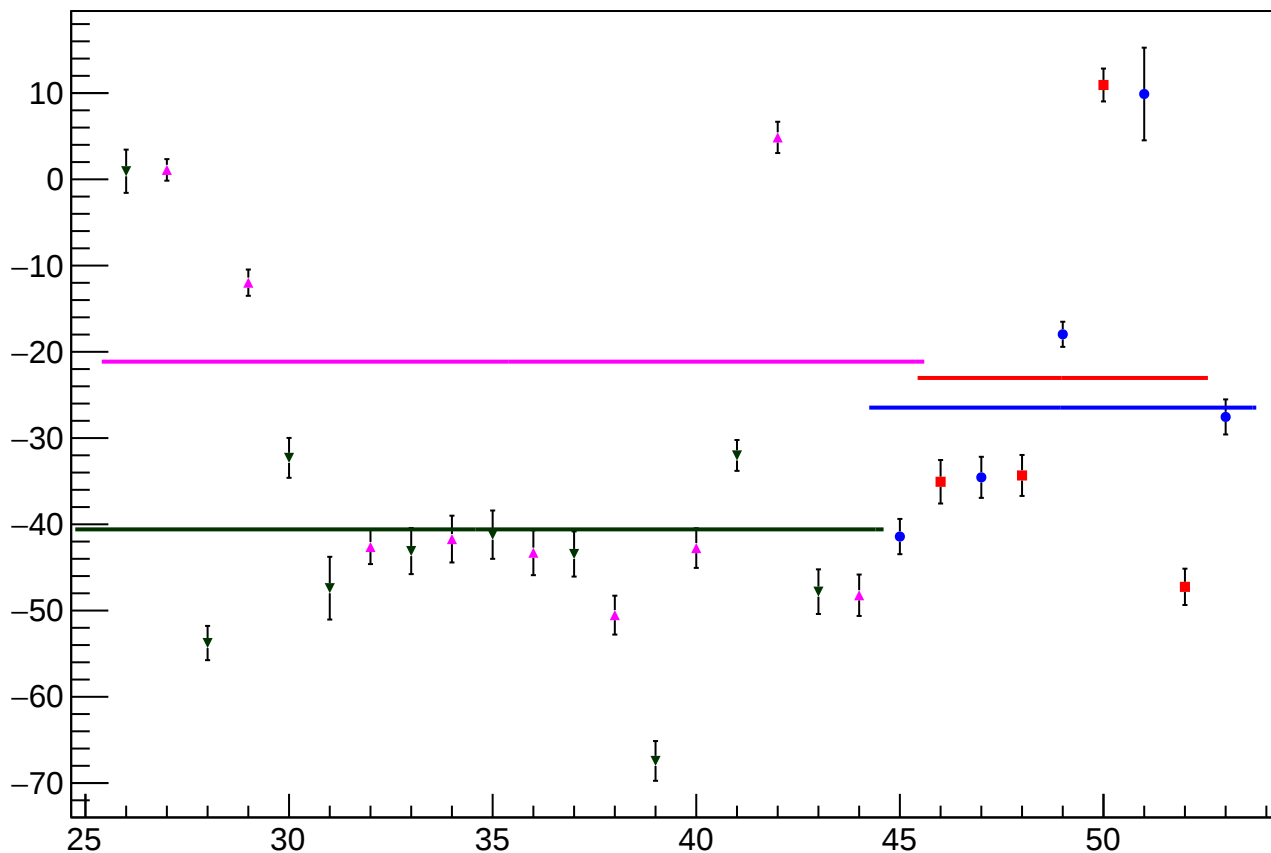
Right Out: 151.267 ± 0.153 χ^2/NDF : 994.4/3

Left In: 153.146 ± 0.093 χ^2/NDF : 20805.5/8

152.320 ± 0.080 χ^2/NDF : 12677.5/14

152.637 ± 0.079 χ^2/NDF : 21910.3/12

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -26.469 $\pm$ 0.927 χ^2 /NDF: 145.2/4

Left Out: -40.588 $\pm$ 0.759 χ^2 /NDF: 503.5/9

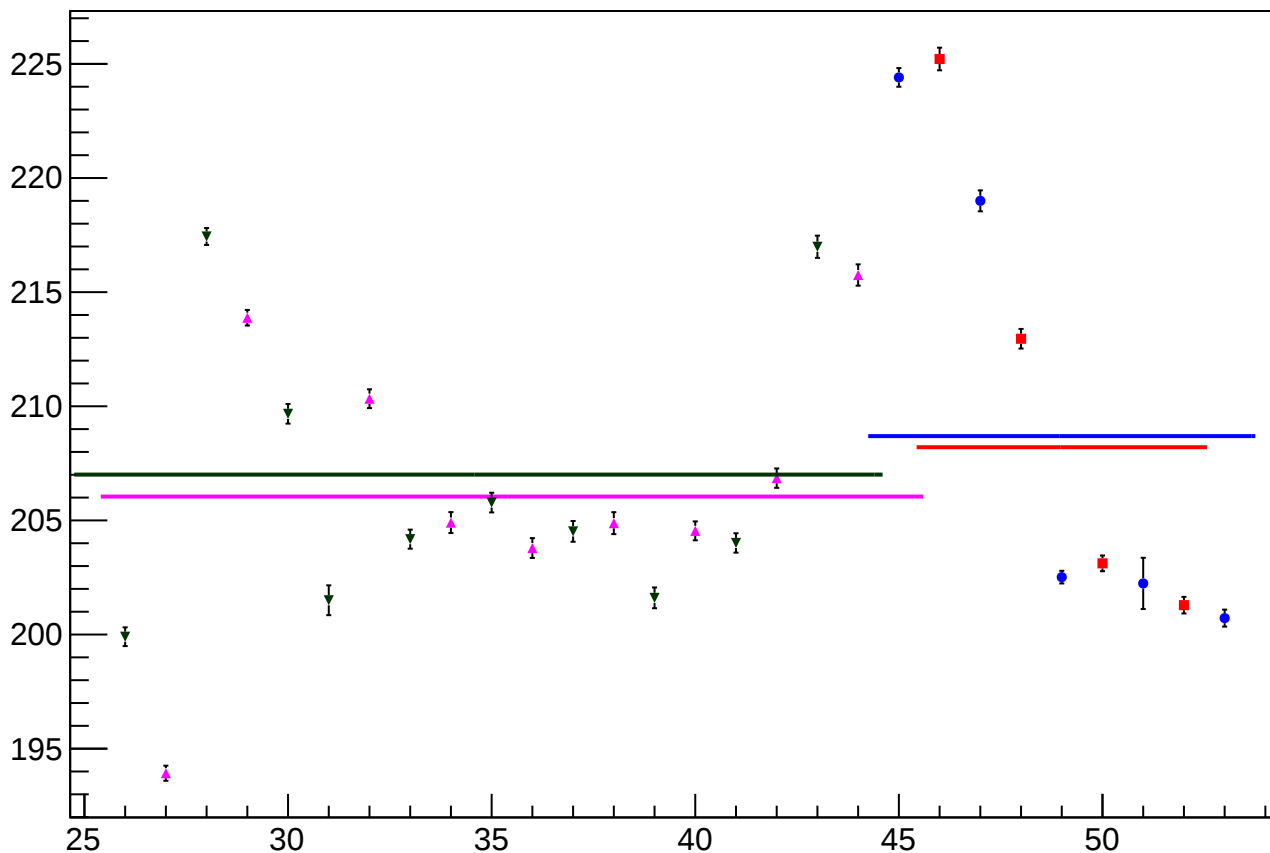
Right Out: -23.030 $\pm$ 1.094 χ^2 /NDF: 495.3/3

Left In: -21.140 $\pm$ 0.636 χ^2 /NDF: 1191.2/8

-34.926 $\pm$ 0.587 χ^2 /NDF: 787.6/14

-21.617 $\pm$ 0.550 χ^2 /NDF: 1688.7/12

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 208.692 $\pm$ 0.178 χ^2 /NDF: 2969.4/4

Left Out: 207.007 $\pm$ 0.139 χ^2 /NDF:1896.8/9

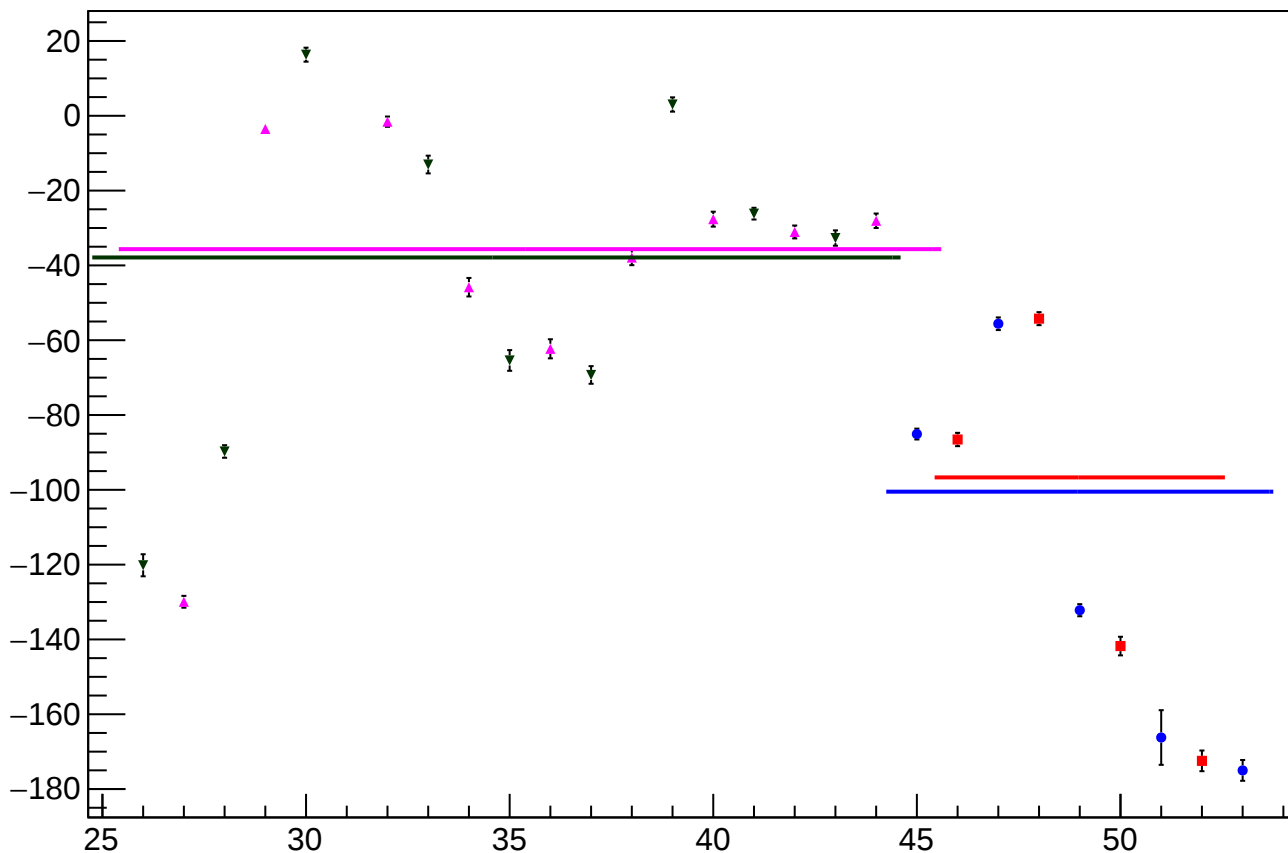
Right Out: 208.207 $\pm$ 0.198 χ^2 /NDF: 1879.0/3

Left In: 206.045 $\pm$ 0.136 χ^2 /NDF:2460.3/8

207.650 $\pm$ 0.110 χ^2 /NDF: 4921.9/14

206.738 $\pm$ 0.112 χ^2 /NDF: 4420.1/12

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -100.494+/-0.859 χ^2/NDF : 2001.9/4

Left Out: -37.875+/-0.681 χ^2/NDF : 3472.1/8

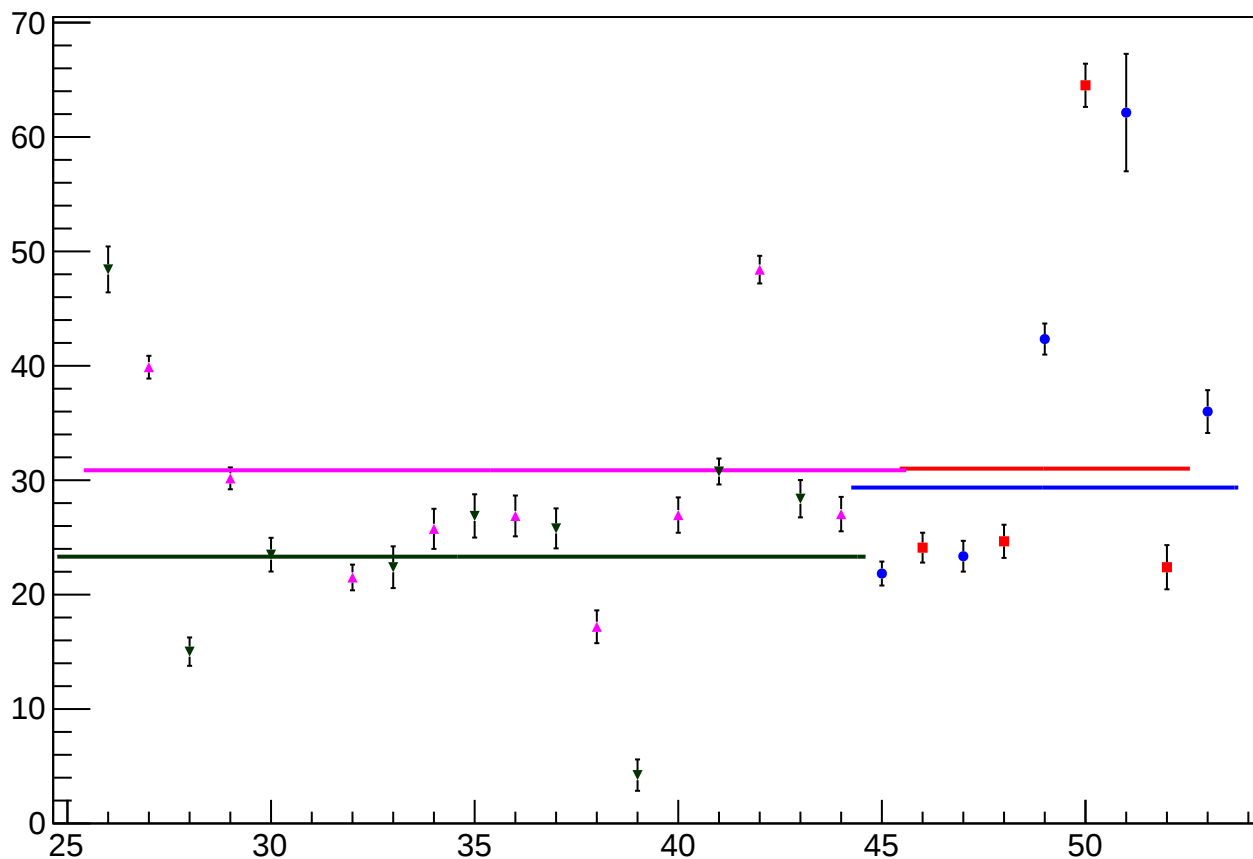
Right Out: -96.680+/-1.033 χ^2/NDF : 1706.3/3

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-62.015+/-0.534 χ^2/NDF : 8736.1/13

-50.307+/-0.506 χ^2/NDF : 9317.0/12

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 29.359 ± 0.655 χ^2/NDF : 216.2/4

Left Out: 23.318 ± 0.503 χ^2/NDF : 453.6/8

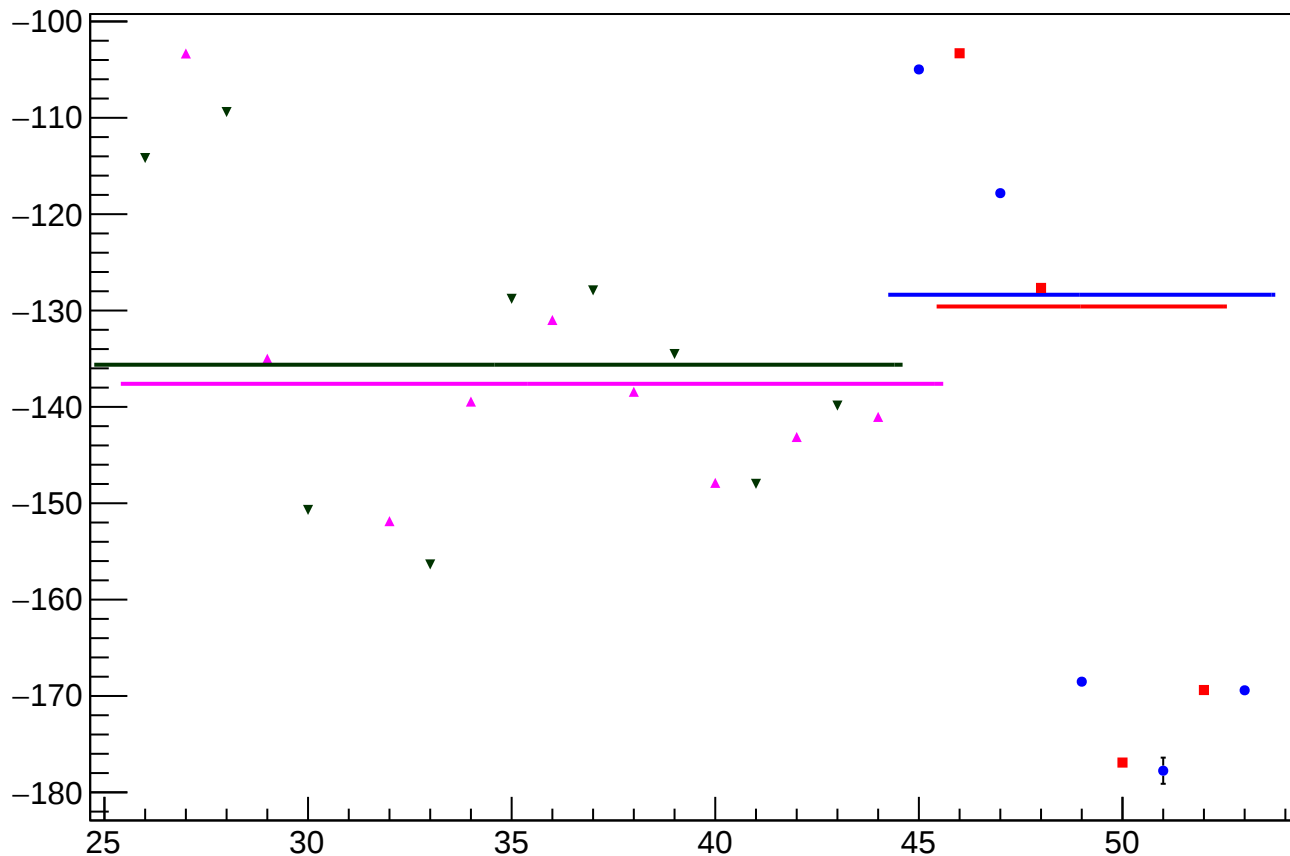
Right Out: 31.014 ± 0.788 χ^2/NDF : 381.4/3

Left In: 30.868 ± 0.424 χ^2/NDF : 480.3/8

25.560 ± 0.399 χ^2/NDF : 723.3/13

30.901 ± 0.373 χ^2/NDF : 861.7/12

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -128.361+/-0.149 χ^2/NDF : 34600.3/4

Left Out: -135.624+/-0.114 χ^2/NDF :18316.3/8

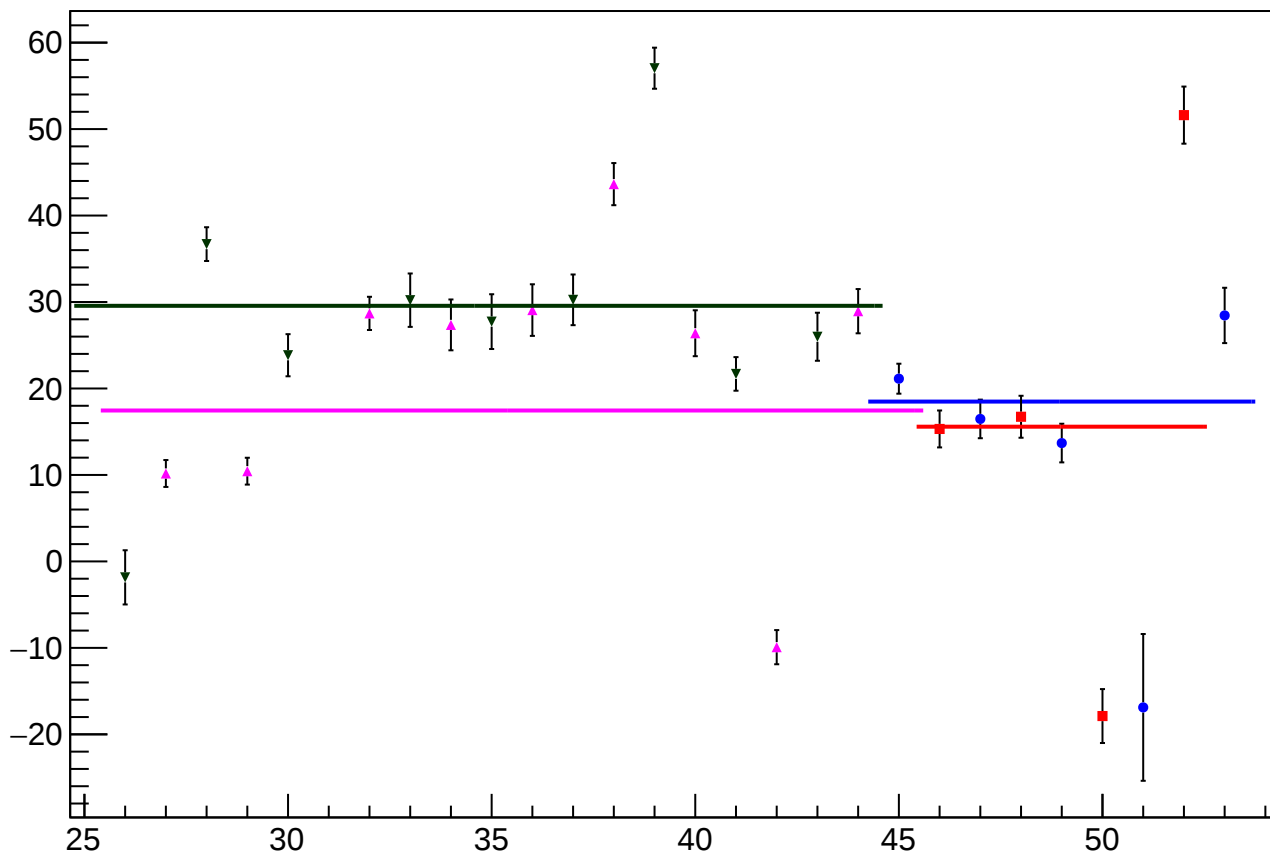
Right Out: -129.581+/-0.174 χ^2/NDF : 26360.8/3

Left In: -137.605+/-0.100 χ^2/NDF :21119.1/8

-132.944+/-0.091 χ^2/NDF : 54407.6/13

-135.629+/-0.087 χ^2/NDF : 49076.5/12

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 18.485+/-1.087 χ^2/NDF : 34.8/4

Left Out: 29.561+/-0.838 χ^2/NDF : 271.6/8

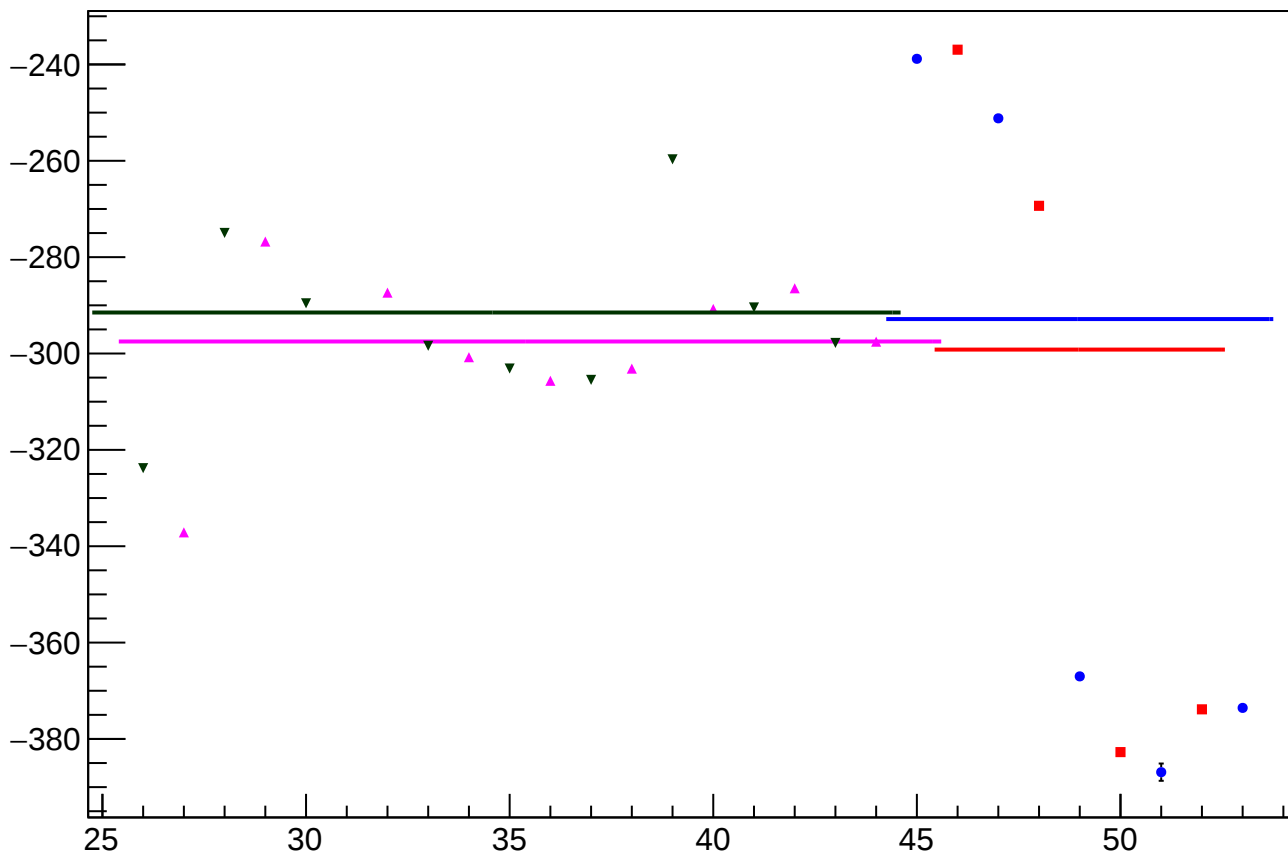
Right Out: 15.581+/-1.309 χ^2/NDF : 234.5/3

Left In: 17.454+/-0.699 χ^2/NDF : 441.9/8

25.436+/-0.664 χ^2/NDF : 371.5/13

17.038+/-0.617 χ^2/NDF : 677.9/12

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -292.851 ± 0.211 χ^2/NDF : 85499.5/4

Left Out: -291.489 ± 0.156 χ^2/NDF : 12241.2/8

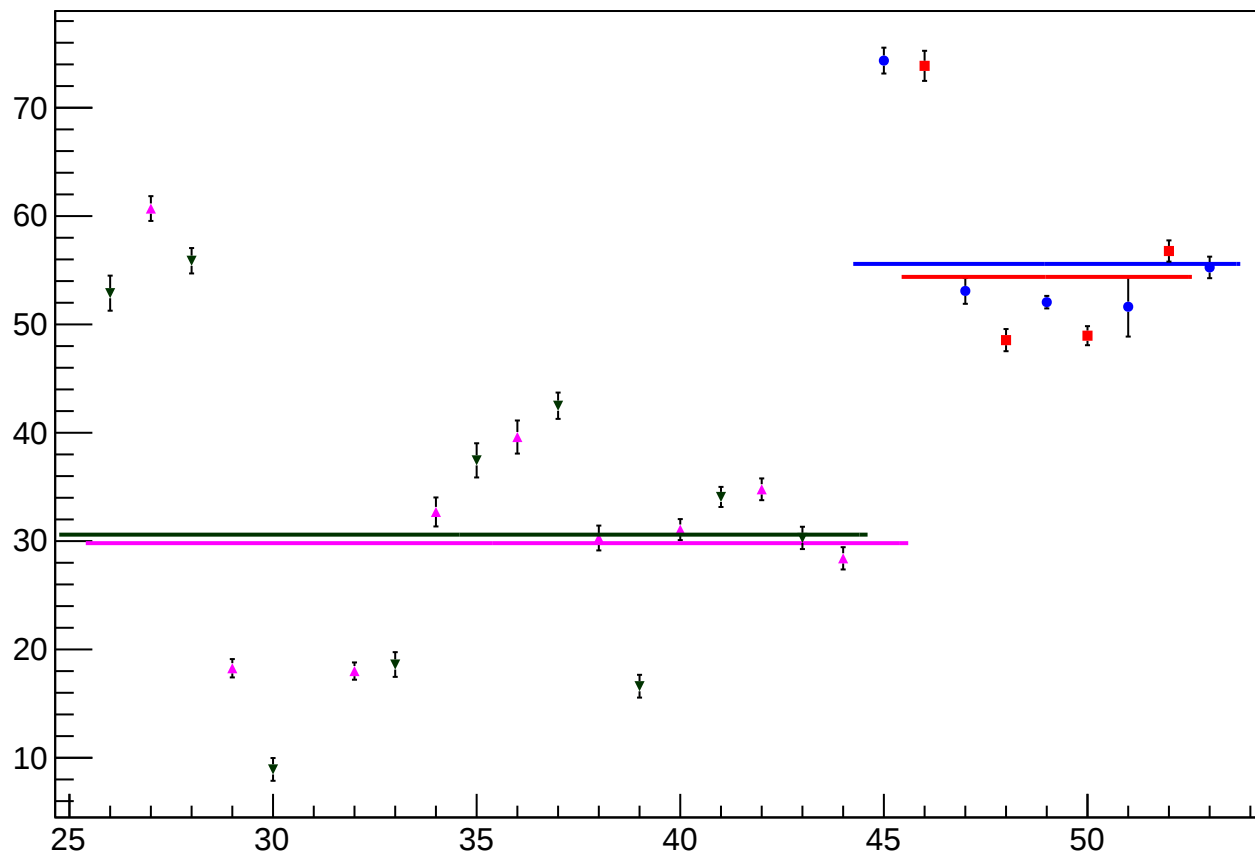
Right Out: -299.185 ± 0.246 χ^2/NDF : 65237.9/3

Left In: -297.505 ± 0.148 χ^2/NDF : 15085.1/8

-291.970 ± 0.126 χ^2/NDF : 97767.6/13

-297.954 ± 0.127 χ^2/NDF : 80357.3/12

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.585 $\pm$ 0.425 χ^2 /NDF: 291.3/4

Left Out: 30.597 $\pm$ 0.381 χ^2 /NDF:1496.6/8

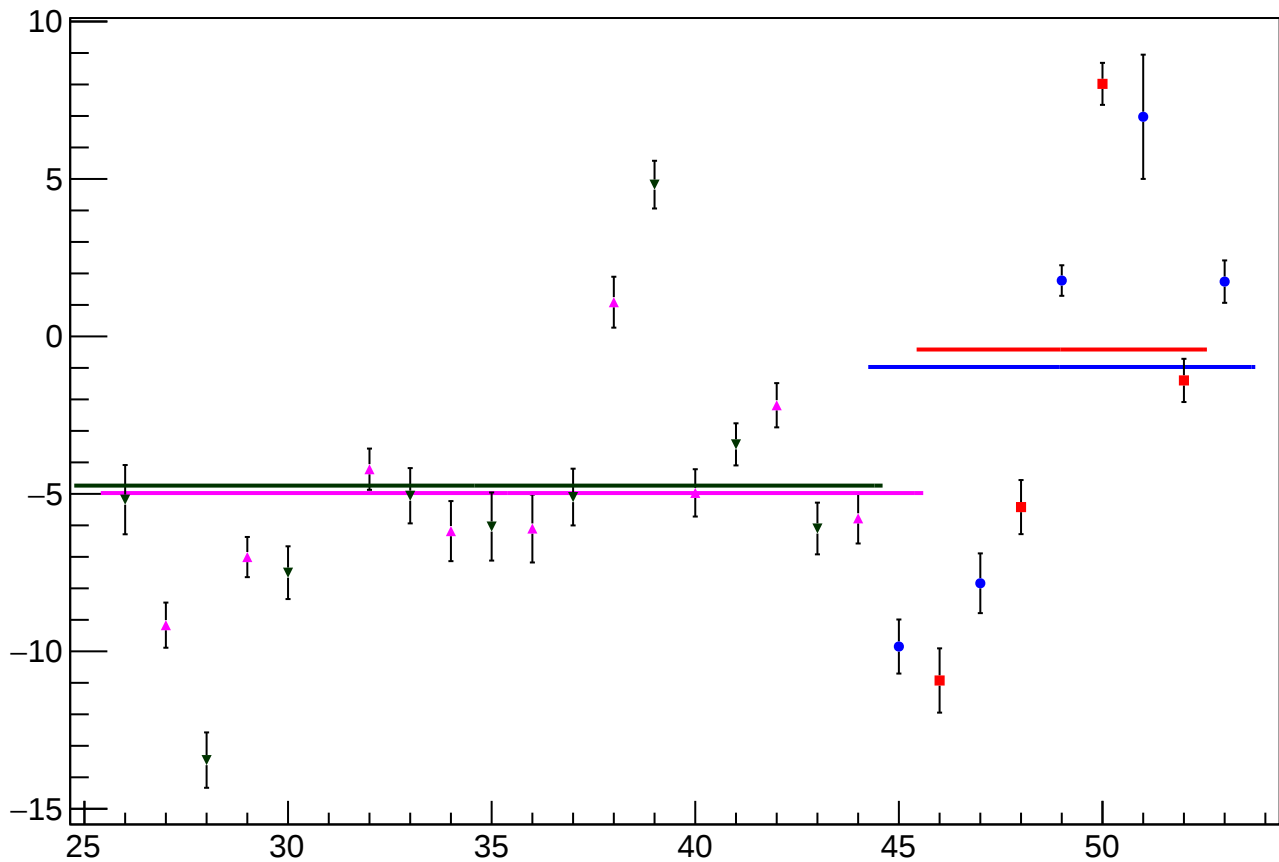
Right Out: 54.387 $\pm$ 0.513 χ^2 /NDF: 273.4/3

Left In: 29.811 $\pm$ 0.343 χ^2 /NDF:1208.1/8

41.757 $\pm$ 0.284 χ^2 /NDF: 3705.0/13

37.423 $\pm$ 0.285 χ^2 /NDF: 3068.6/12

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -0.971 ± 0.330 χ^2/NDF : 223.7/4

Left Out: -4.737 ± 0.284 χ^2/NDF : 276.8/8

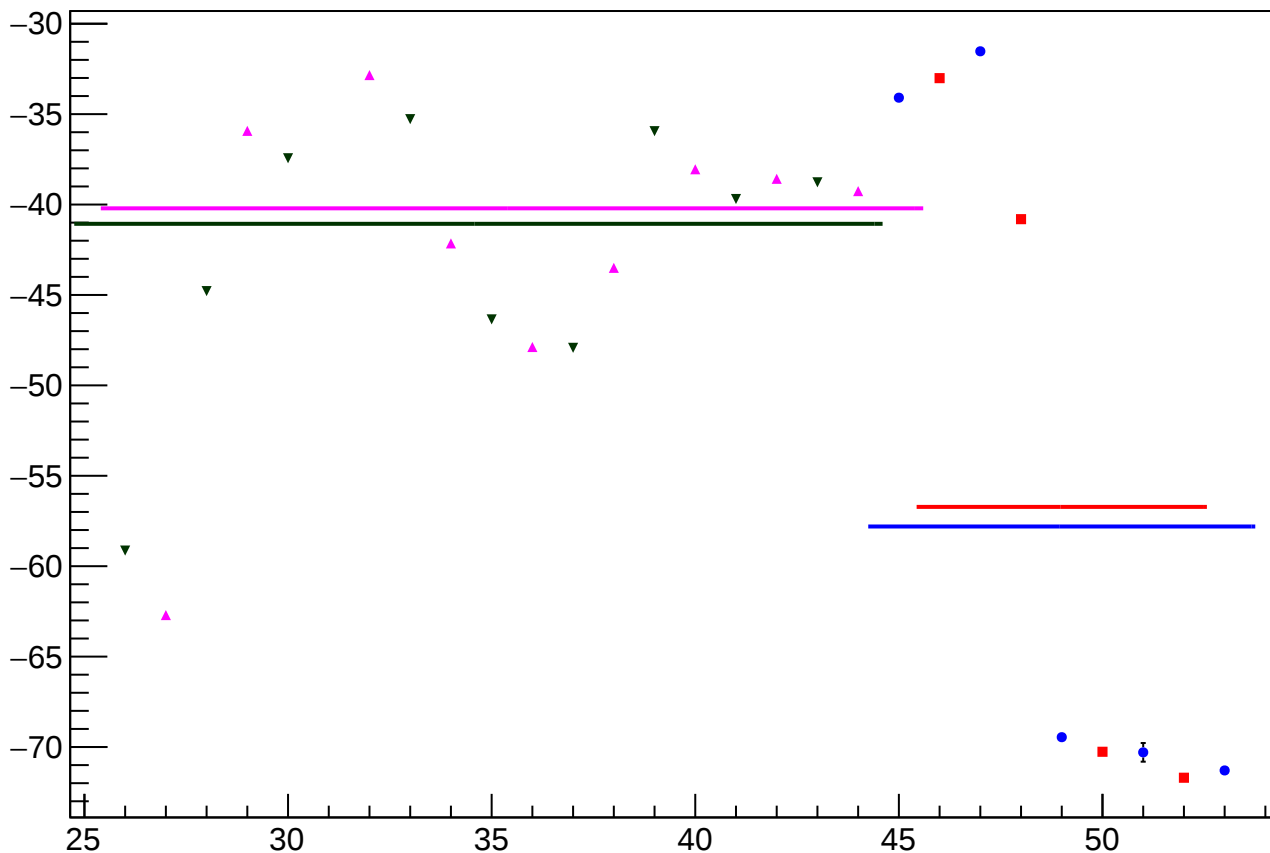
Right Out: -0.416 ± 0.387 χ^2/NDF : 301.9/3

Left In: -4.974 ± 0.253 χ^2/NDF : 121.4/8

-3.135 ± 0.215 χ^2/NDF : 575.4/13

-3.605 ± 0.212 χ^2/NDF : 520.5/12

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -57.804 $\pm$ 0.079 χ^2 /NDF: 49075.1/4

Left Out: -41.066 $\pm$ 0.063 χ^2 /NDF: 9369.8/8

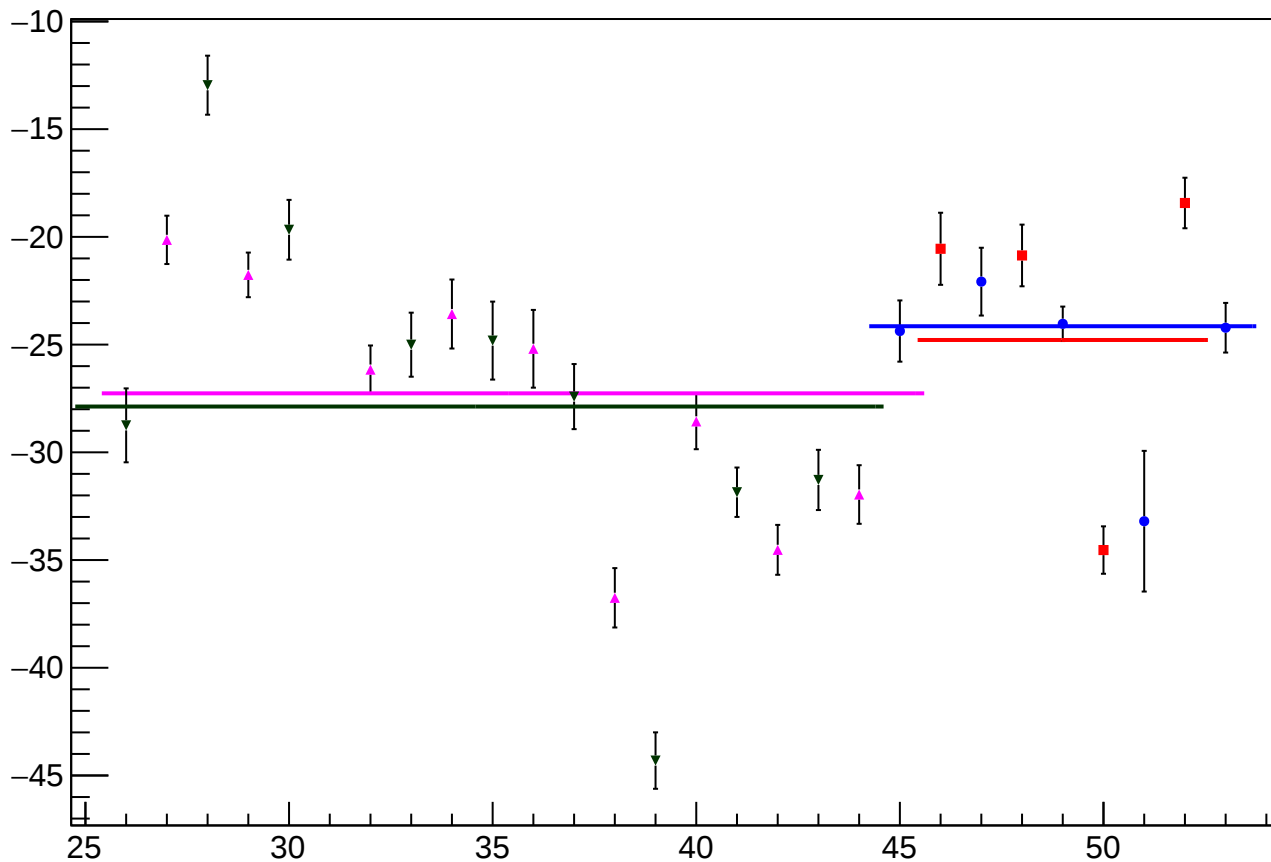
Right Out: -56.720 $\pm$ 0.091 χ^2 /NDF: 34293.1/3

Left In: -40.210 $\pm$ 0.058 χ^2 /NDF: 18072.5/8

-47.621 $\pm$ 0.049 χ^2 /NDF: 85751.1/13

-45.045 $\pm$ 0.049 χ^2 /NDF: 75721.8/12

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.147 $\pm$ 0.550 χ^2 /NDF: 9.5/4

Left Out: -27.875 $\pm$ 0.474 χ^2 /NDF:335.8/8

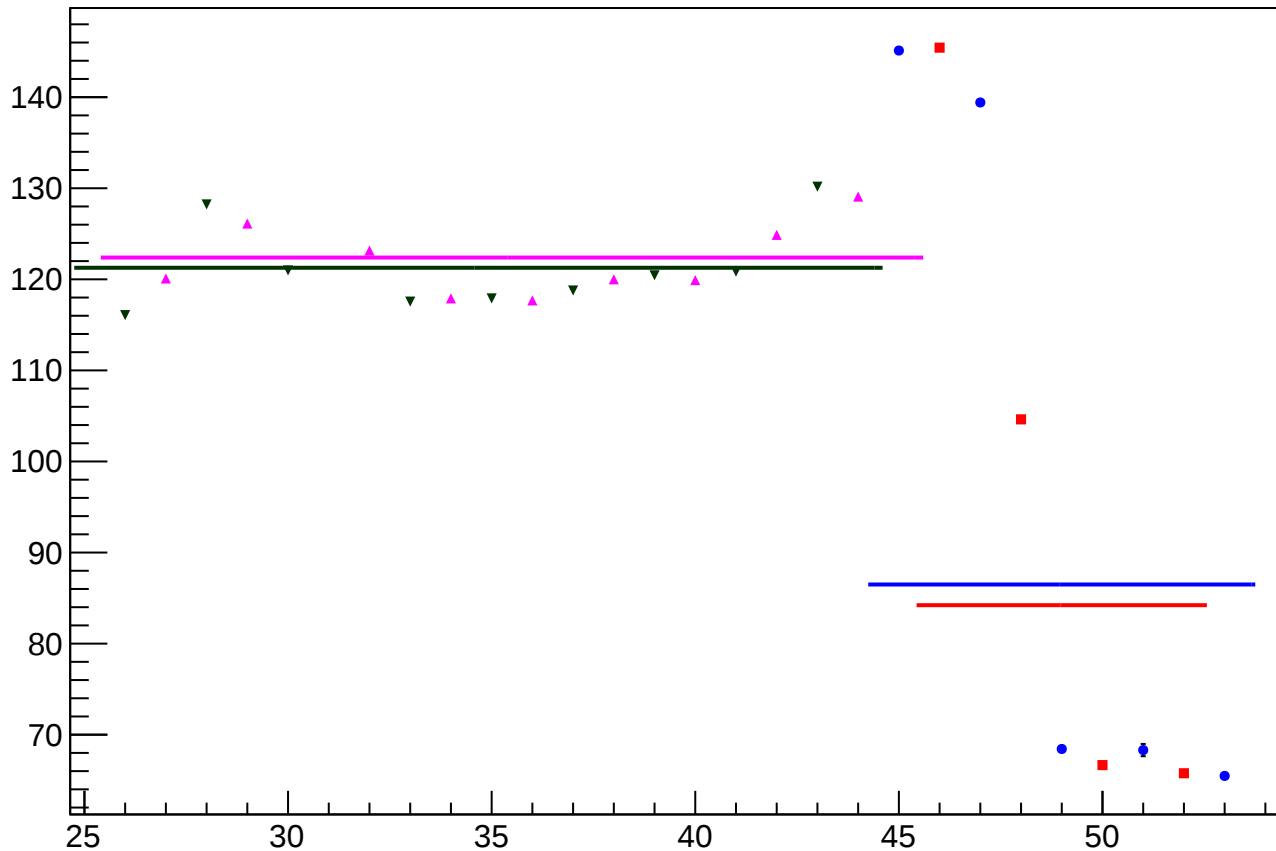
Right Out: -24.786 $\pm$ 0.646 χ^2 /NDF: 121.8/3

Left In: -27.262 $\pm$ 0.421 χ^2 /NDF:175.8/8

-26.283 $\pm$ 0.359 χ^2 /NDF: 371.6/13

-26.523 $\pm$ 0.353 χ^2 /NDF: 307.9/12

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 86.491 $\pm$ 0.105 χ^2 /NDF: 97849.6/4

Left Out: 121.269 $\pm$ 0.087 χ^2 /NDF: 2757.8/8

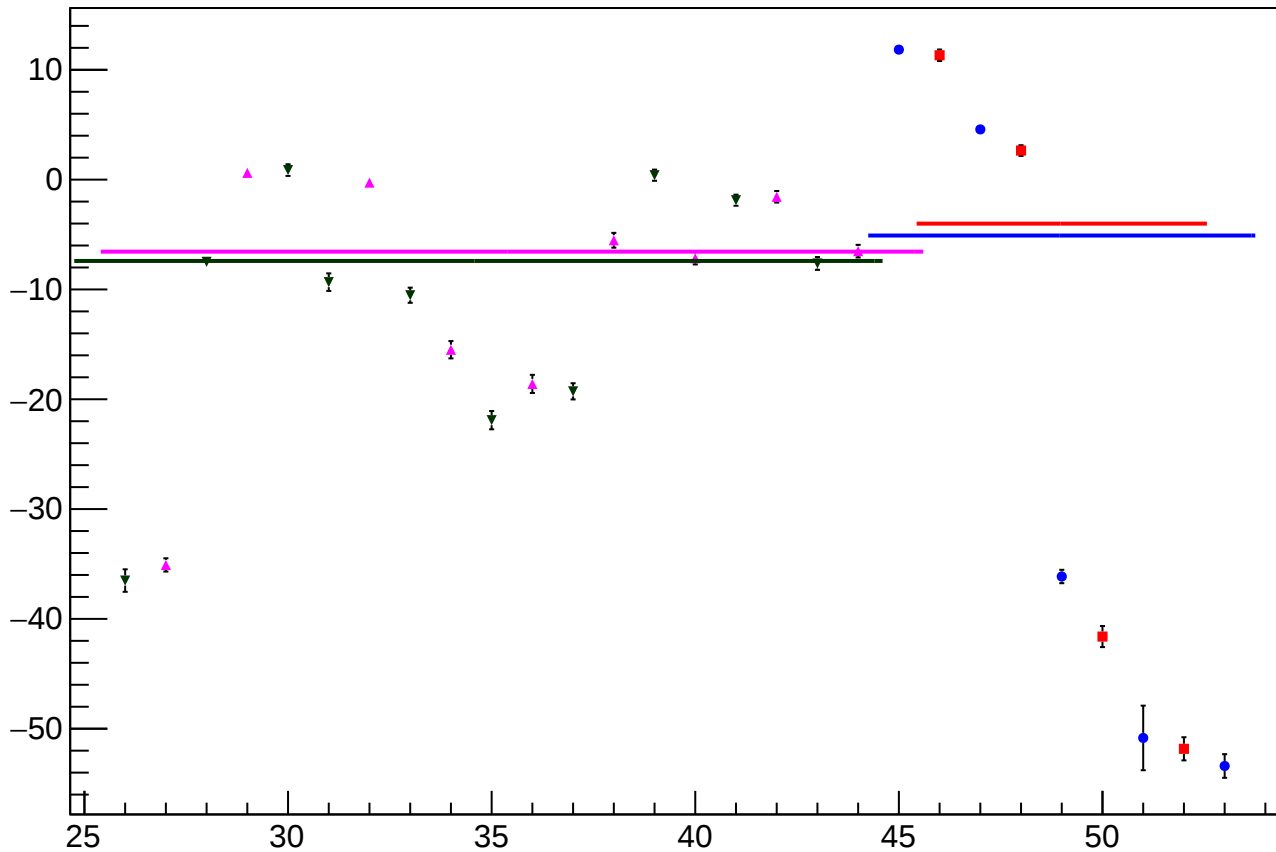
Right Out: 84.221 $\pm$ 0.115 χ^2 /NDF: 57634.7/3

Left In: 122.391 $\pm$ 0.087 χ^2 /NDF: 1757.6/8

107.122 $\pm$ 0.067 χ^2 /NDF: 166219.8/13

108.582 $\pm$ 0.069 χ^2 /NDF: 129120.0/12

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -5.090+/-0.272 χ^2/NDF : 6706.4/4

Left Out: -7.406+/-0.192 χ^2/NDF : 1994.4/9

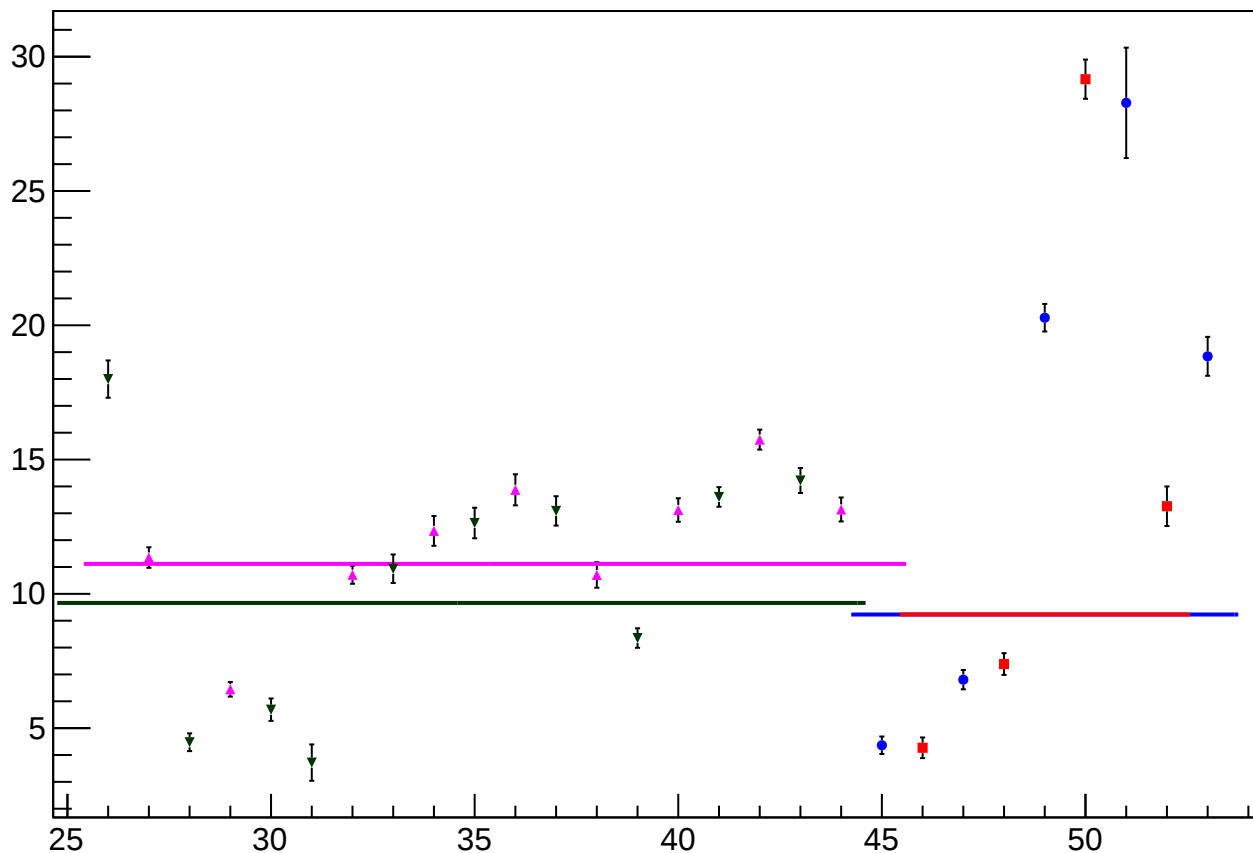
Right Out: -4.007+/-0.319 χ^2/NDF : 4635.3/3

Left In: -6.558+/-0.179 χ^2/NDF : 3282.1/8

-6.639+/-0.157 χ^2/NDF : 8749.1/14

-5.947+/-0.156 χ^2/NDF : 7966.1/12

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 9.231+/-0.208 χ^2/NDF : 995.5/4

Left Out: 9.662+/-0.143 χ^2/NDF : 856.3/9

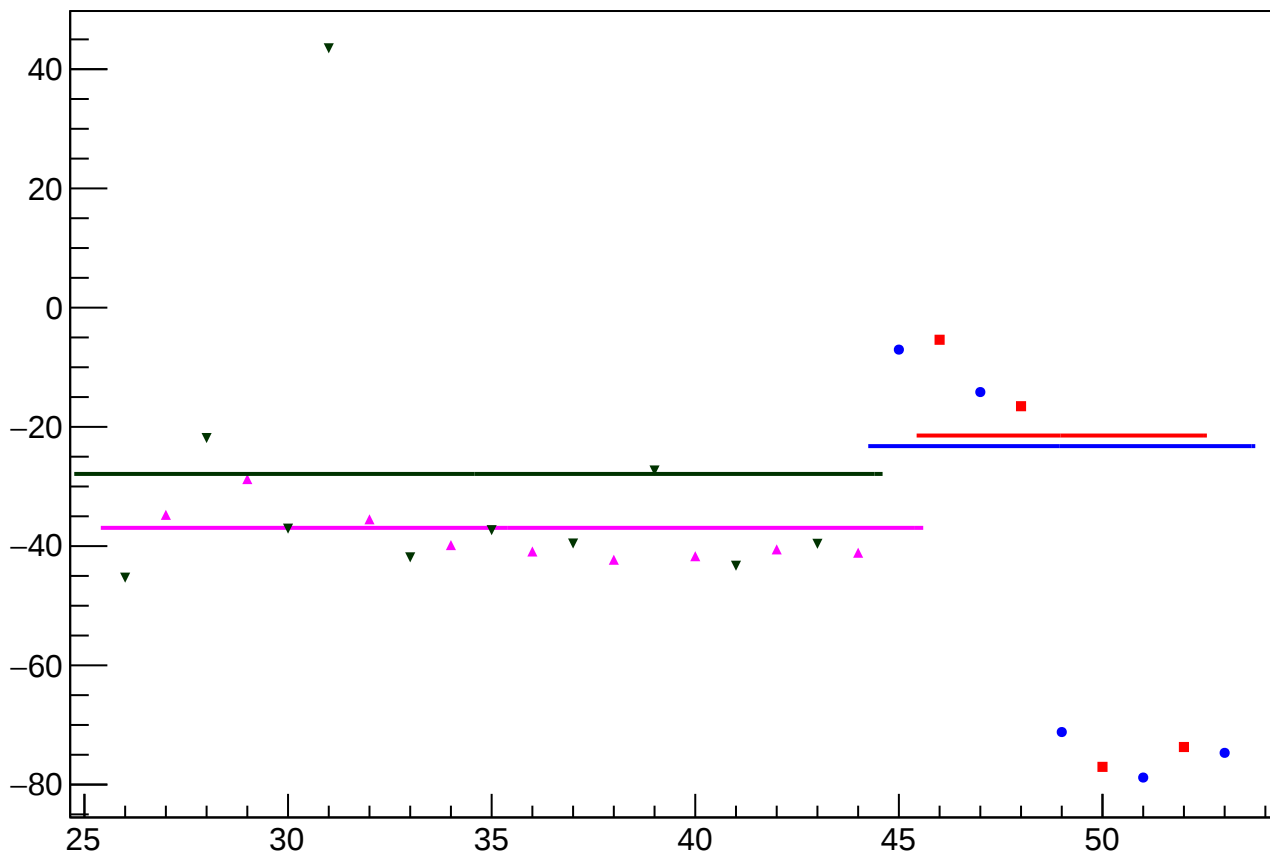
Right Out: 9.233+/-0.246 χ^2/NDF : 963.4/3

Left In: 11.116+/-0.132 χ^2/NDF : 518.9/8

9.524+/-0.118 χ^2/NDF : 1854.7/14

10.693+/-0.116 χ^2/NDF : 1527.9/12

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -23.228+/-0.047 χ^2/NDF : 296543.7/4

Left Out: -27.892+/-0.032 χ^2/NDF : 549678.9/9

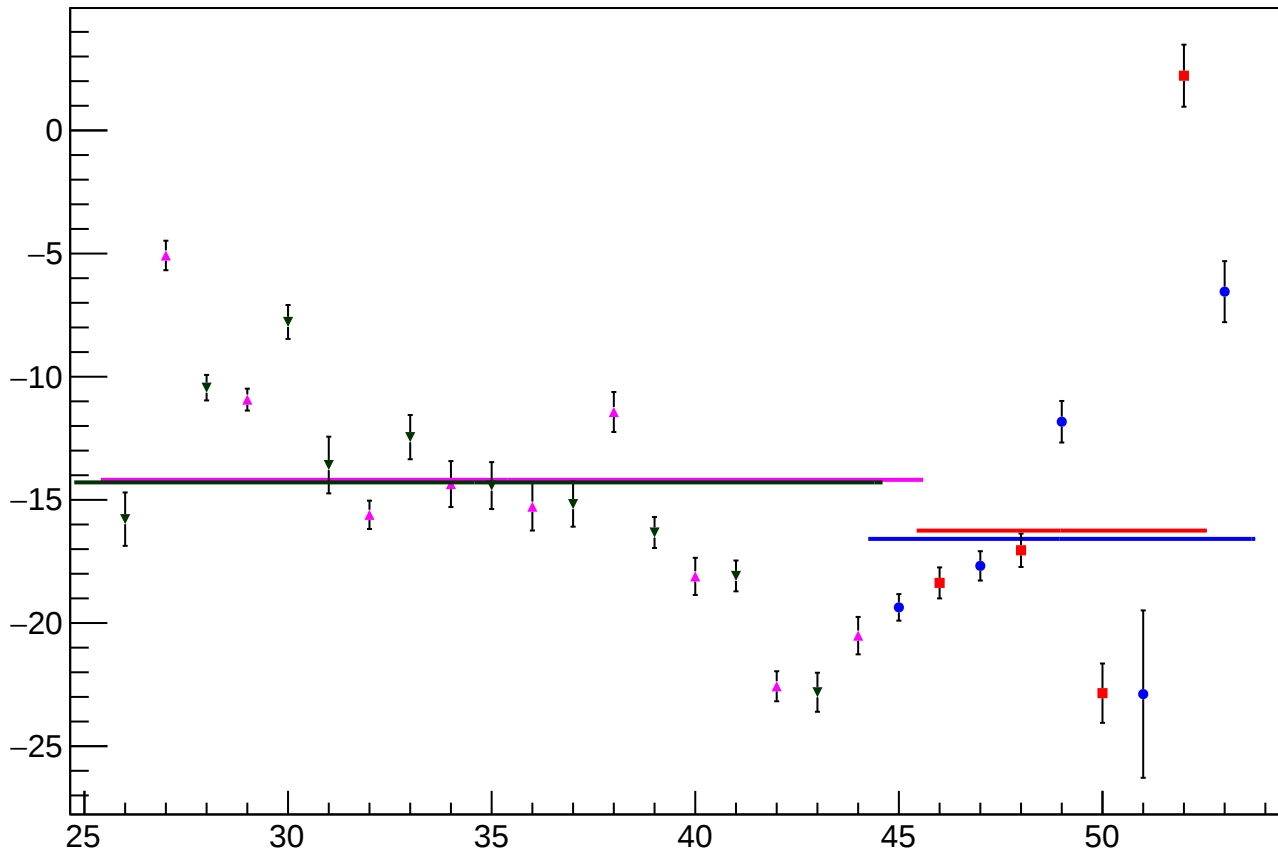
Right Out: -21.452+/-0.053 χ^2/NDF : 218115.2/3

Left In: -36.937+/-0.031 χ^2/NDF : 23653.1/8

-26.411+/-0.026 χ^2/NDF : 853079.2/14

-33.063+/-0.027 χ^2/NDF : 305125.6/12

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -16.584 $\pm$ 0.345 χ^2 /NDF: 130.9/4

Left Out: -14.291 $\pm$ 0.238 χ^2 /NDF: 314.9/9

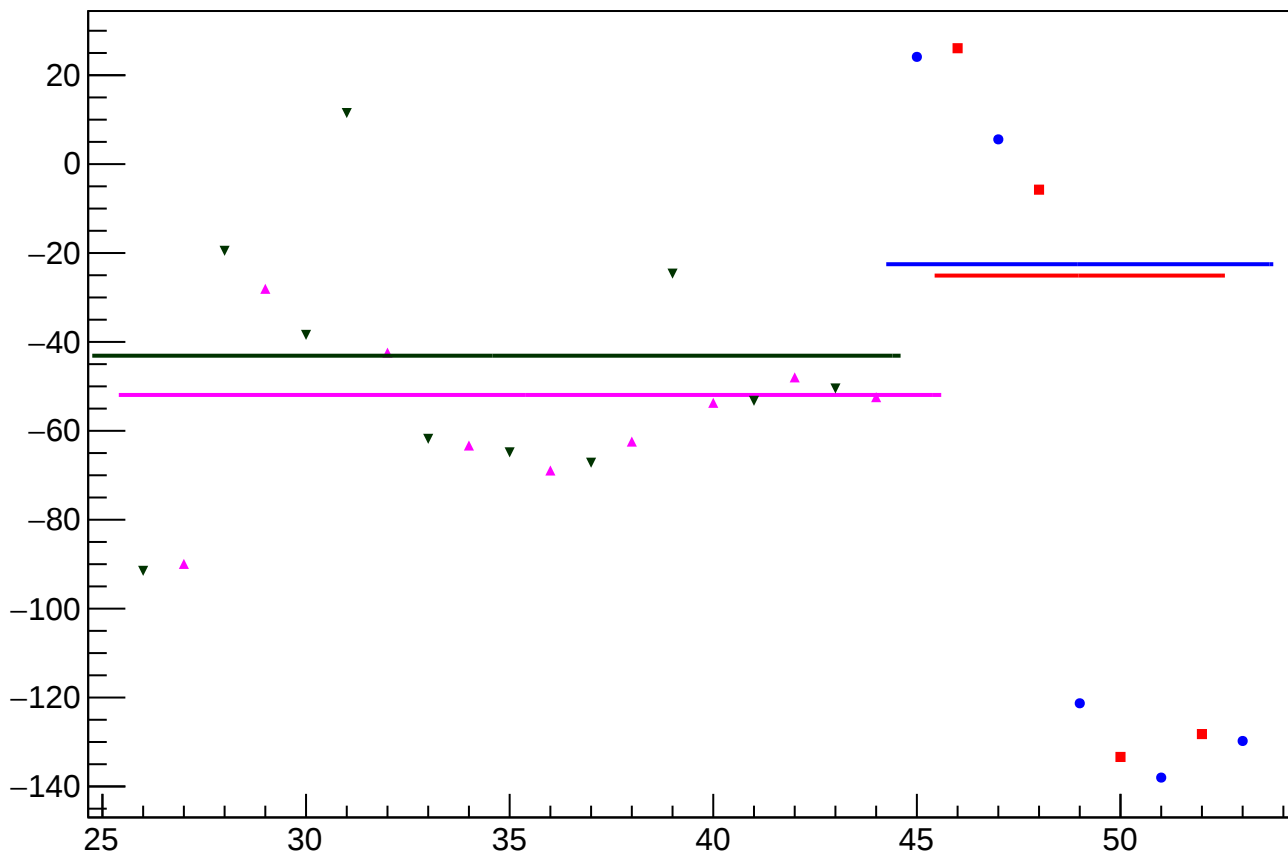
Right Out: -16.248 $\pm$ 0.408 χ^2 /NDF: 257.8/3

Left In: -14.187 $\pm$ 0.219 χ^2 /NDF: 589.2/8

-15.031 $\pm$ 0.196 χ^2 /NDF: 475.7/14

-14.650 $\pm$ 0.193 χ^2 /NDF: 866.8/12

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -22.519 +/- 0.067 χ^2/NDF : 873903.0/4

Left Out: -43.100 +/- 0.044 χ^2/NDF : 296352.7/9

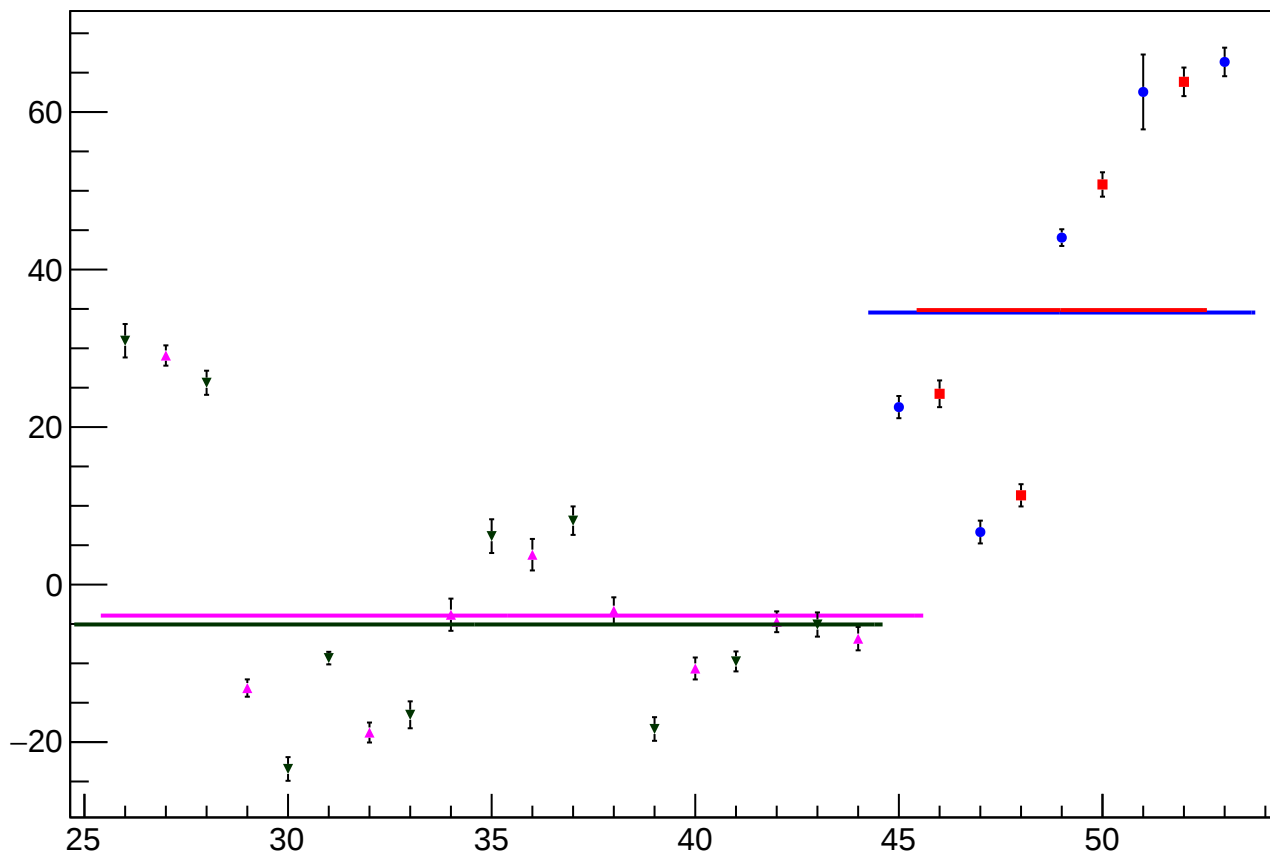
Right Out: -25.074 +/- 0.078 χ^2/NDF : 666494.8/3

Left In: -51.929 +/- 0.046 χ^2/NDF : 149071.1/8

-36.914 +/- 0.037 χ^2/NDF : 1235958.3/14

-45.017 +/- 0.039 χ^2/NDF : 904450.2/12

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 34.544+/-0.672 χ^2/NDF : 866.8/4

Left Out: -5.063+/-0.447 χ^2/NDF : 1084.1/9

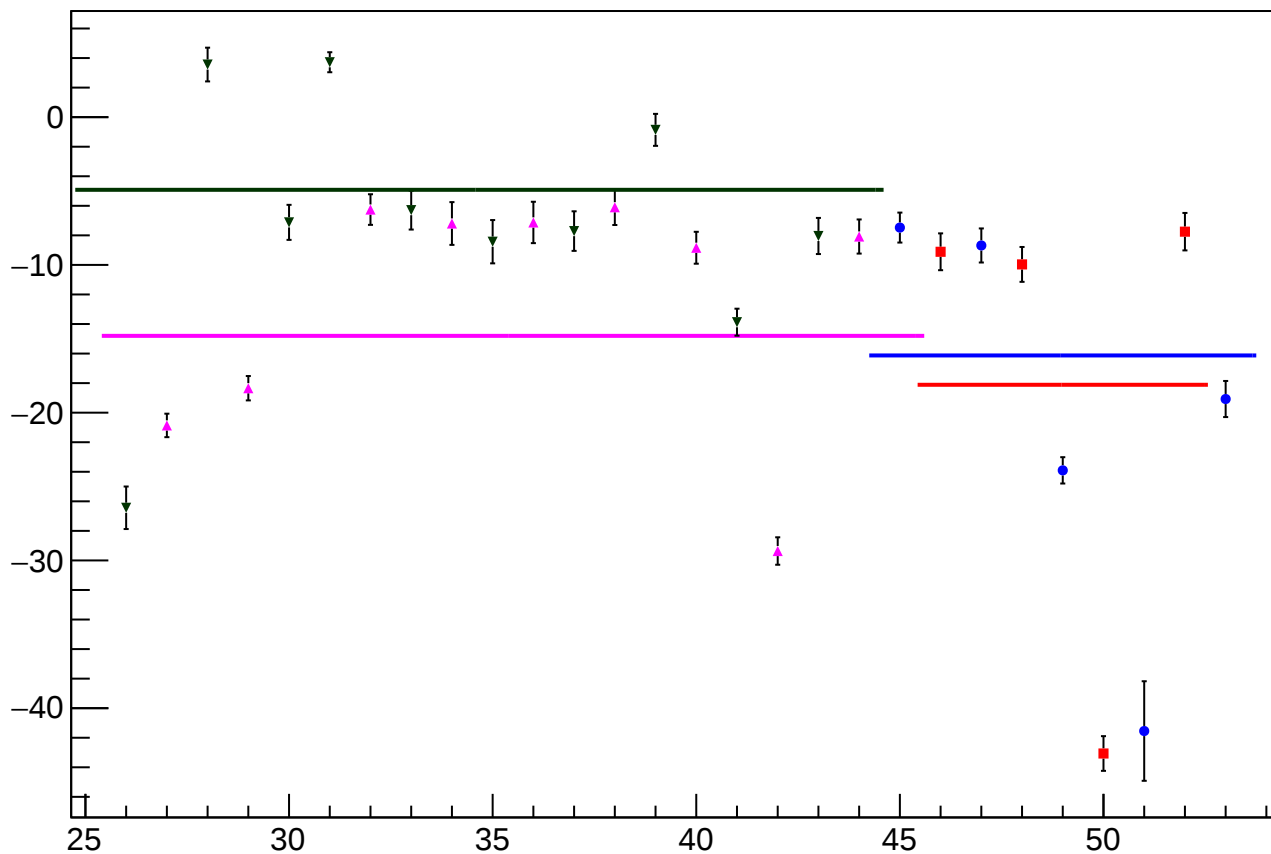
Right Out: 34.854+/-0.798 χ^2/NDF : 677.9/3

Left In: -3.935+/-0.475 χ^2/NDF : 906.7/8

7.084+/-0.372 χ^2/NDF : 4361.9/14

6.221+/-0.408 χ^2/NDF : 3327.8/12

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -16.127 $\pm$ 0.517 χ^2/NDF : 253.5/4

Left Out: -4.917 $\pm$ 0.344 χ^2/NDF : 572.7/9

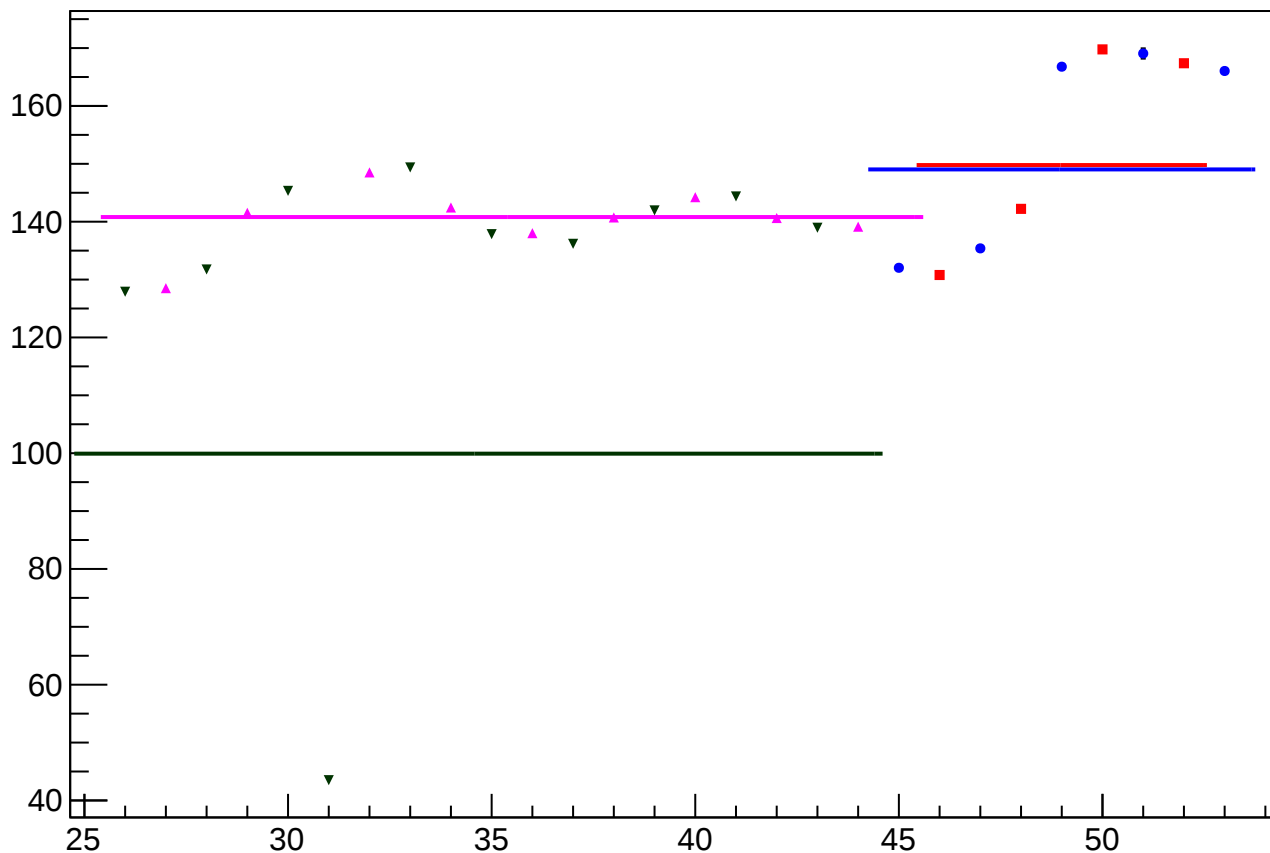
Right Out: -18.113 $\pm$ 0.607 χ^2/NDF : 618.4/3

Left In: -14.801 $\pm$ 0.344 χ^2/NDF : 564.9/8

-8.355 $\pm$ 0.286 χ^2/NDF : 1152.3/14

-15.606 $\pm$ 0.300 χ^2/NDF : 1205.8/12

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 149.032 $\pm$ 0.120 χ^2 /NDF: 18900.5/4

Left Out: 99.920 $\pm$ 0.069 χ^2 /NDF: 483835.4/9

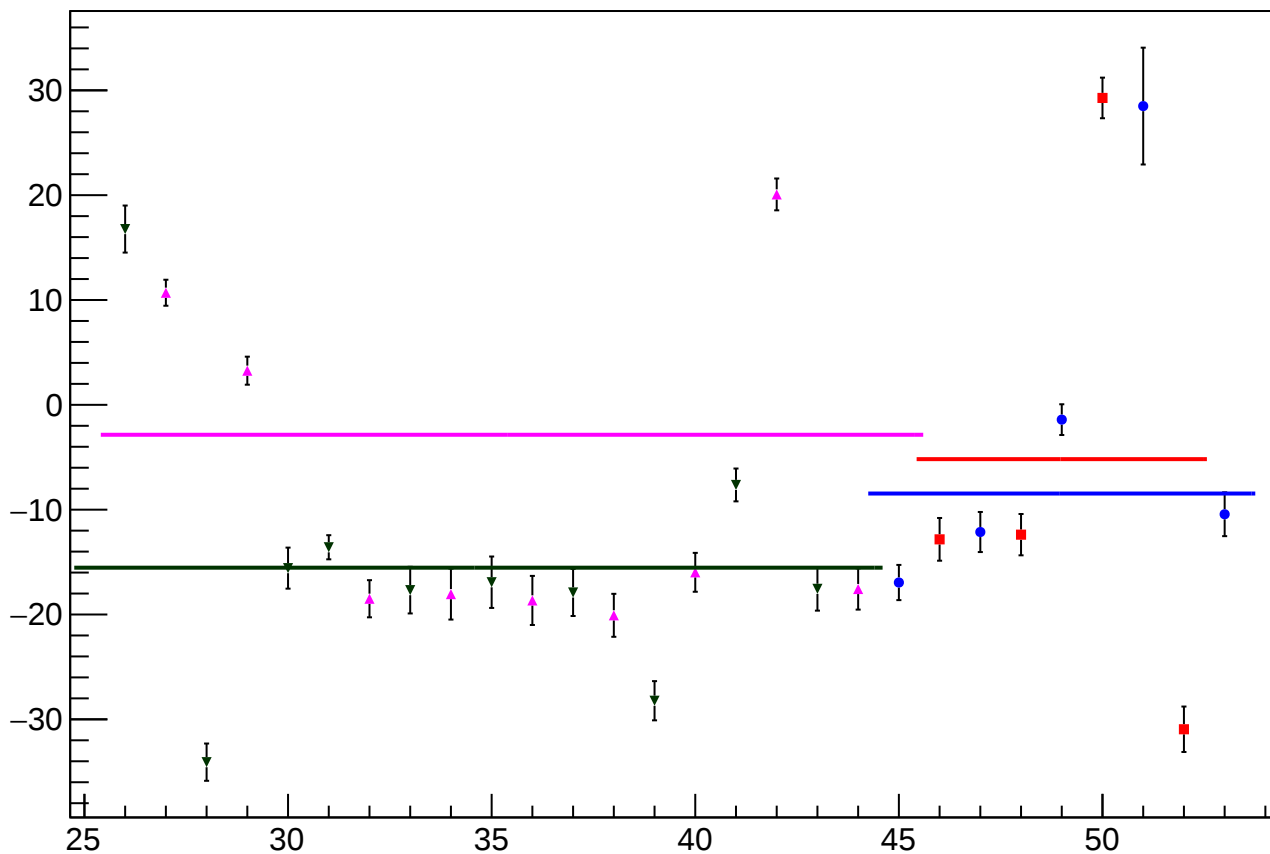
Right Out: 149.786 $\pm$ 0.138 χ^2 /NDF: 14060.6/3

Left In: 140.804 $\pm$ 0.082 χ^2 /NDF: 4715.7/8

112.060 $\pm$ 0.060 χ^2 /NDF: 628081.4/14

143.142 $\pm$ 0.071 χ^2 /NDF: 21890.8/12

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -8.461 ± 0.859 $\chi^2/\text{NDF}: 97.3/4$

Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$

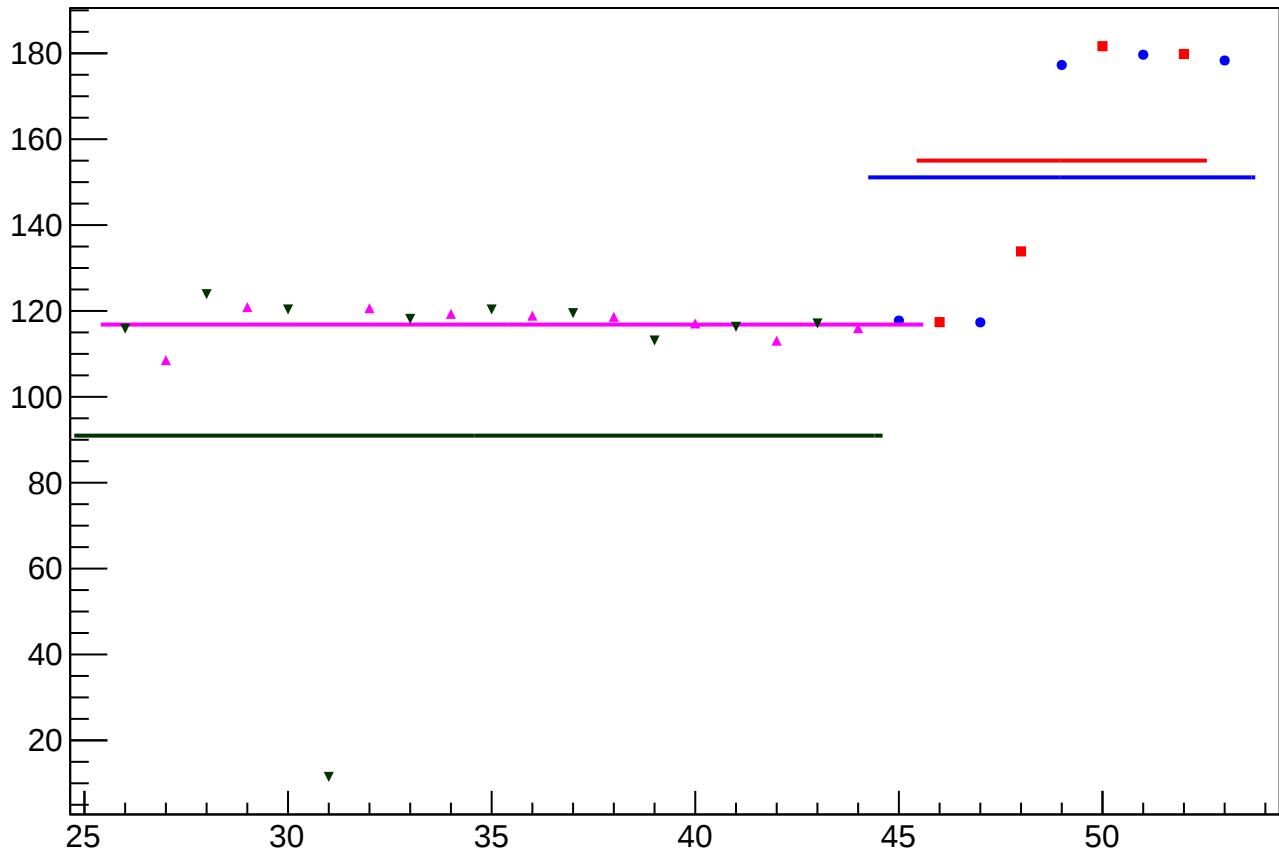
Right Out: -5.180 ± 1.011 $\chi^2/\text{NDF}: 485.2/3$

Left In: -2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-13.345 ± 0.478 $\chi^2/\text{NDF}: 537.9/14$

-3.413 ± 0.495 $\chi^2/\text{NDF}: 1196.7/12$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 151.107 ± 0.165 $\chi^2/\text{NDF}: 32726.0/4$

Left Out: 90.964 ± 0.105 $\chi^2/\text{NDF}: 199649.1/9$

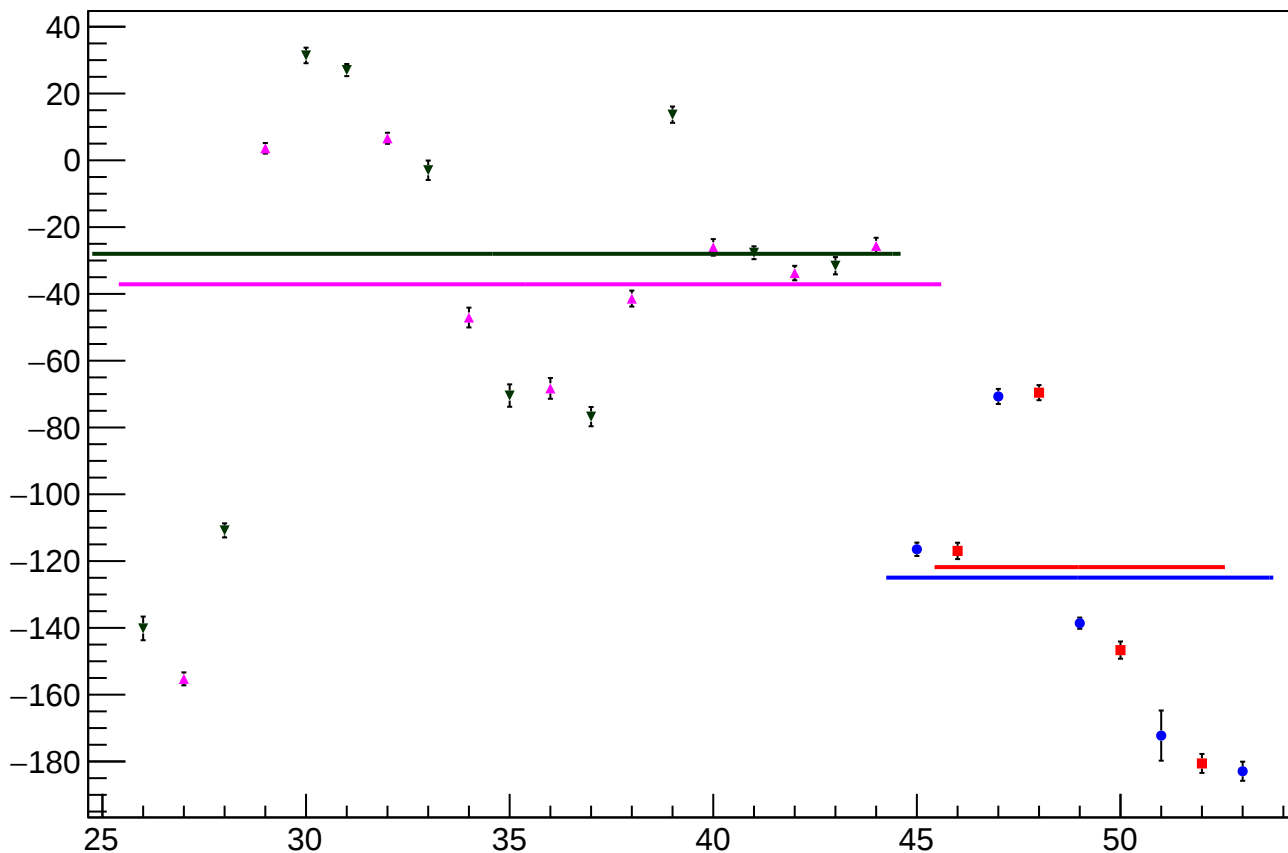
Right Out: 155.018 ± 0.185 $\chi^2/\text{NDF}: 22406.1/3$

Left In: 116.827 ± 0.120 $\chi^2/\text{NDF}: 1139.4/8$

108.222 ± 0.088 $\chi^2/\text{NDF}: 326917.2/14$

128.065 ± 0.101 $\chi^2/\text{NDF}: 53467.5/12$

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -124.952+/-1.032 χ^2 /NDF: 1109.4/4

Left Out: -27.991+/-0.766 χ^2 /NDF: 4906.9/9

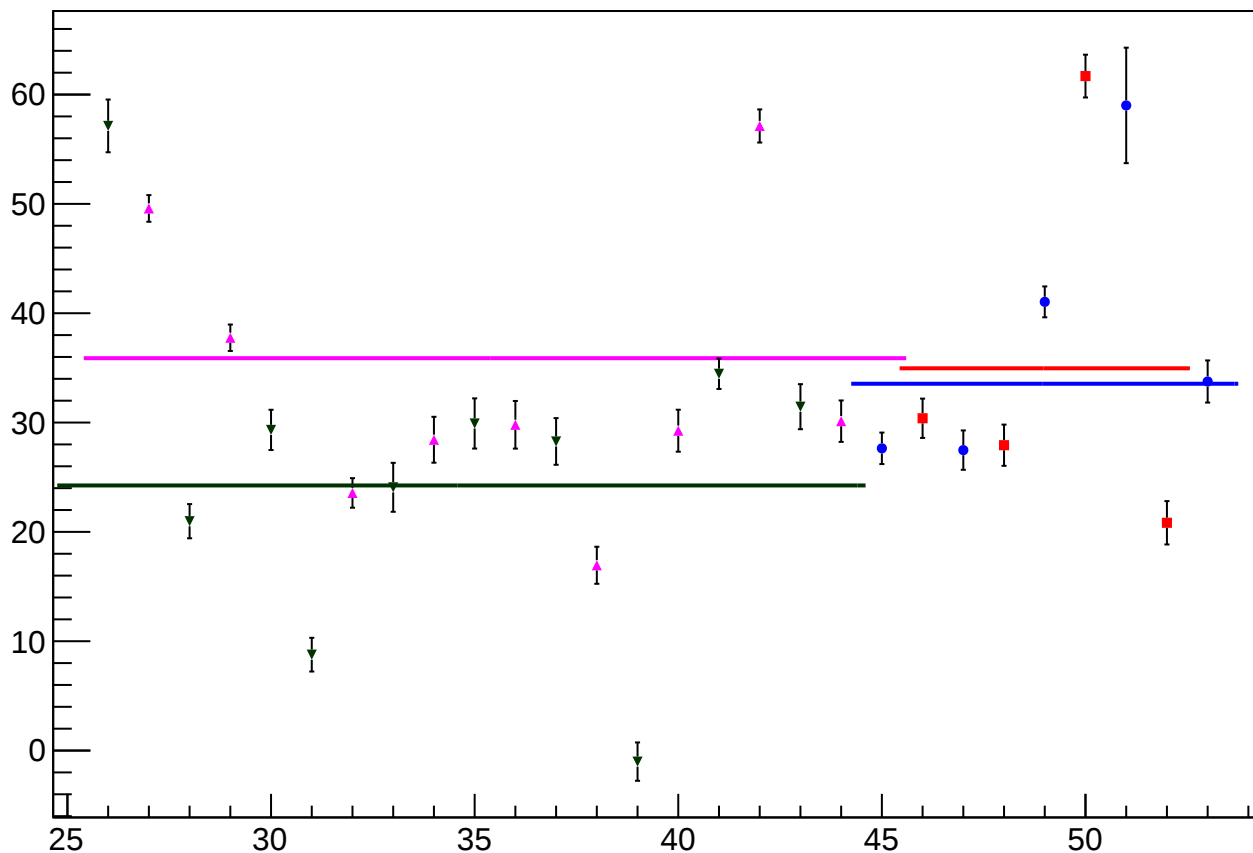
Right Out: -121.806+/-1.253 χ^2 /NDF: 1059.4/3

Left In: -37.121+/-0.714 χ^2 /NDF: 5219.8/8

-62.459+/-0.615 χ^2 /NDF: 11706.6/14

-57.890+/-0.621 χ^2 /NDF: 9725.9/12

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 33.550 ± 0.791 χ^2/NDF : 79.6/4

Left Out: 24.247 ± 0.579 χ^2/NDF : 582.0/9

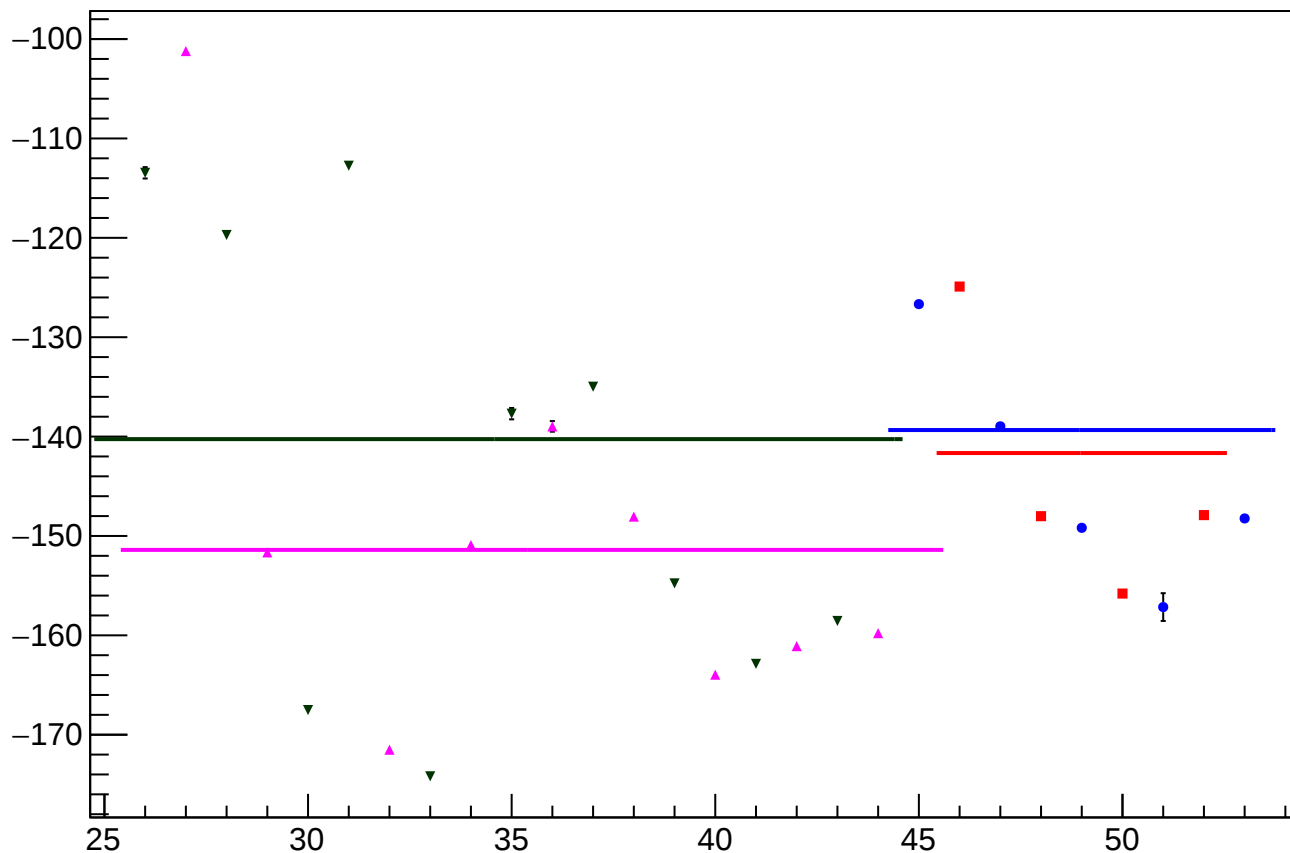
Right Out: 34.961 ± 0.951 χ^2/NDF : 257.6/3

Left In: 35.888 ± 0.522 χ^2/NDF : 574.5/8

27.490 ± 0.467 χ^2/NDF : 751.6/14

35.674 ± 0.457 χ^2/NDF : 832.9/12

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -139.343+/-0.184 χ^2/NDF : 2866.9/4

Left Out: -140.257+/-0.122 χ^2/NDF : 36380.6/9

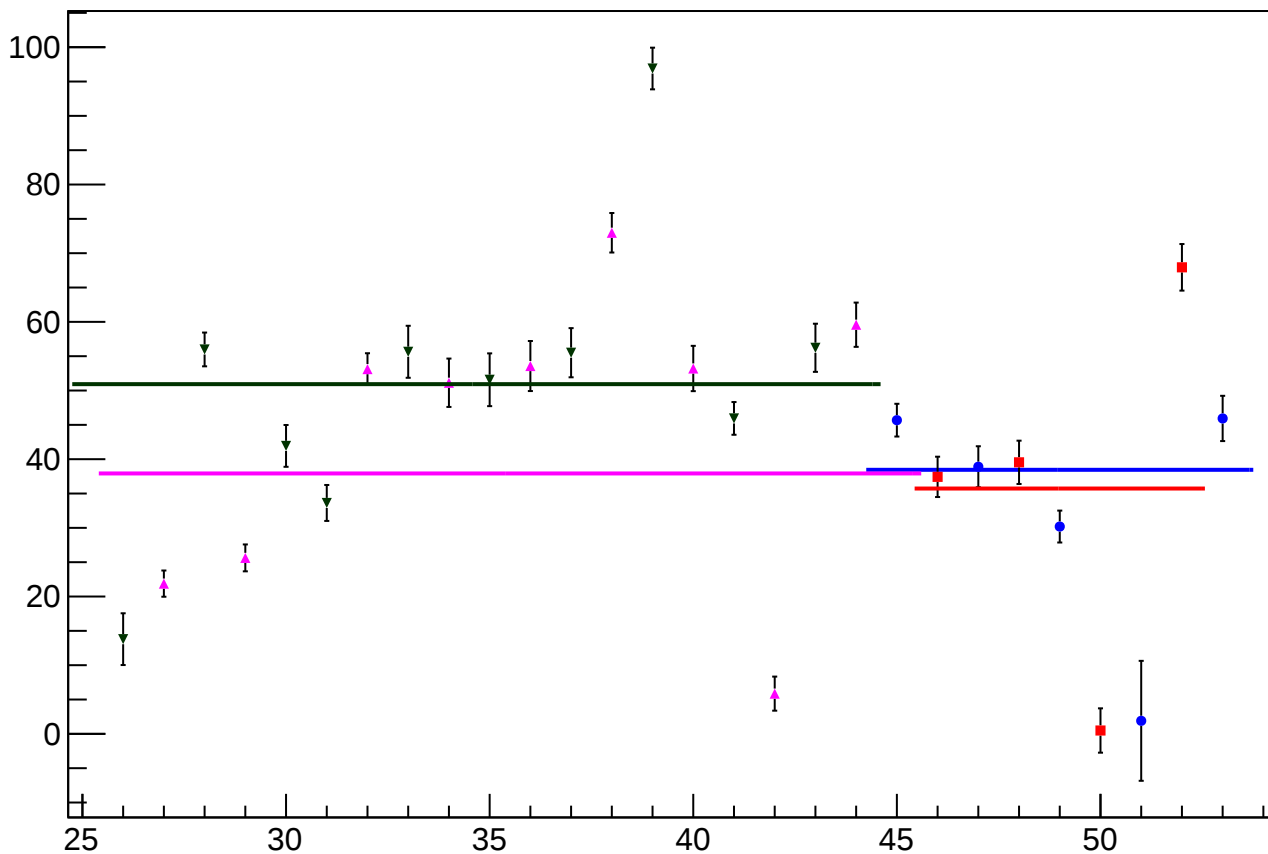
Right Out: -141.657+/-0.215 χ^2/NDF : 3272.5/3

Left In: -151.403+/-0.122 χ^2/NDF : 30317.9/8

-139.976+/-0.102 χ^2/NDF : 39264.7/14

-149.030+/-0.106 χ^2/NDF : 35142.9/12

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 38.454+/-1.315 χ^2/NDF : 44.5/4

Left Out: 50.929+/-0.966 χ^2/NDF : 393.0/9

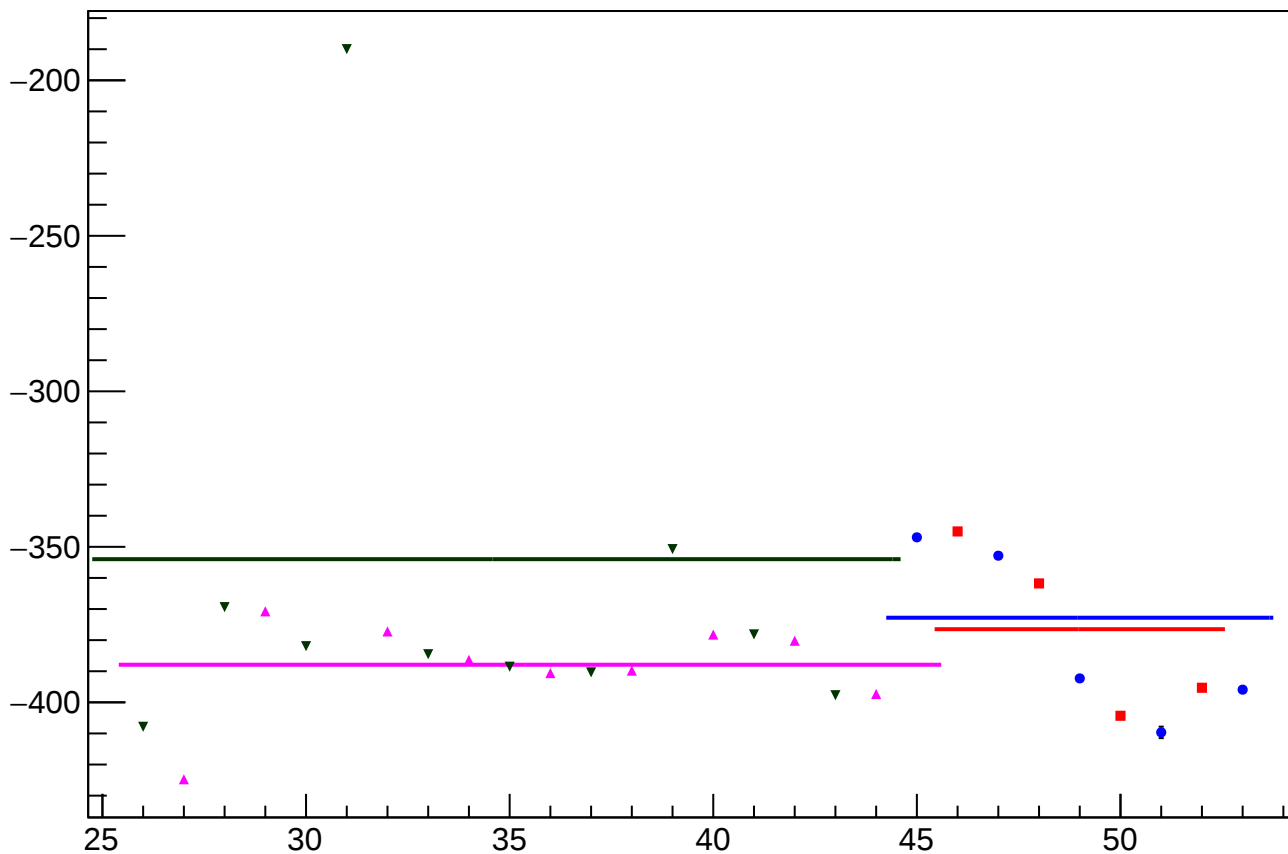
Right Out: 35.728+/-1.582 χ^2/NDF : 211.1/3

Left In: 37.924+/-0.861 χ^2/NDF : 567.9/8

46.553+/-0.779 χ^2/NDF : 496.0/14

37.422+/-0.756 χ^2/NDF : 780.5/12

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -372.793+/-0.254 χ^2/NDF : 7930.3/4

Left Out: -353.970+/-0.179 χ^2/NDF : 148485.8/9

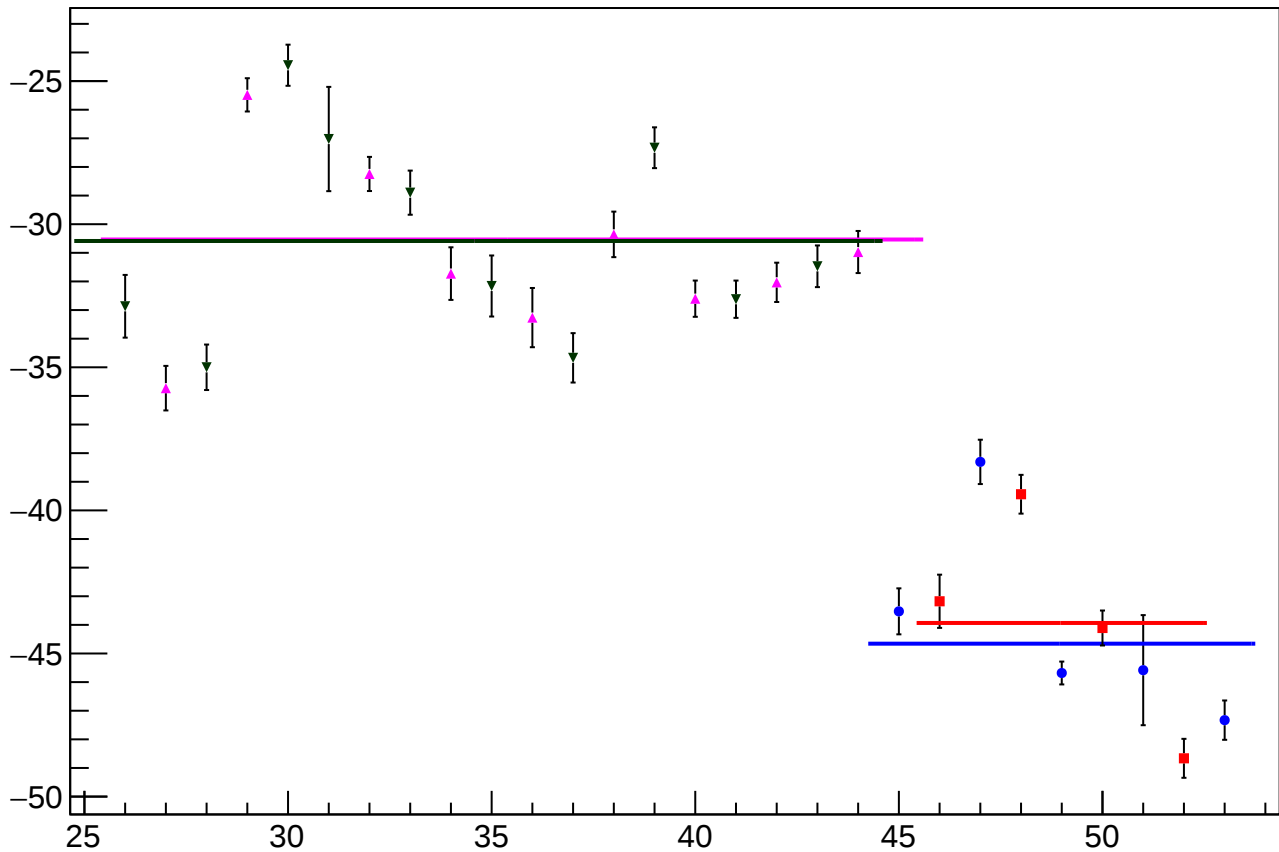
Right Out: -376.479+/-0.292 χ^2/NDF : 6892.8/3

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-360.223+/-0.146 χ^2/NDF : 160089.2/14

-384.701+/-0.155 χ^2/NDF : 16306.1/12

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.657 +/- 0.290 χ^2/NDF : 91.2/4

Left Out: -30.587 +/- 0.260 χ^2/NDF : 173.5/9

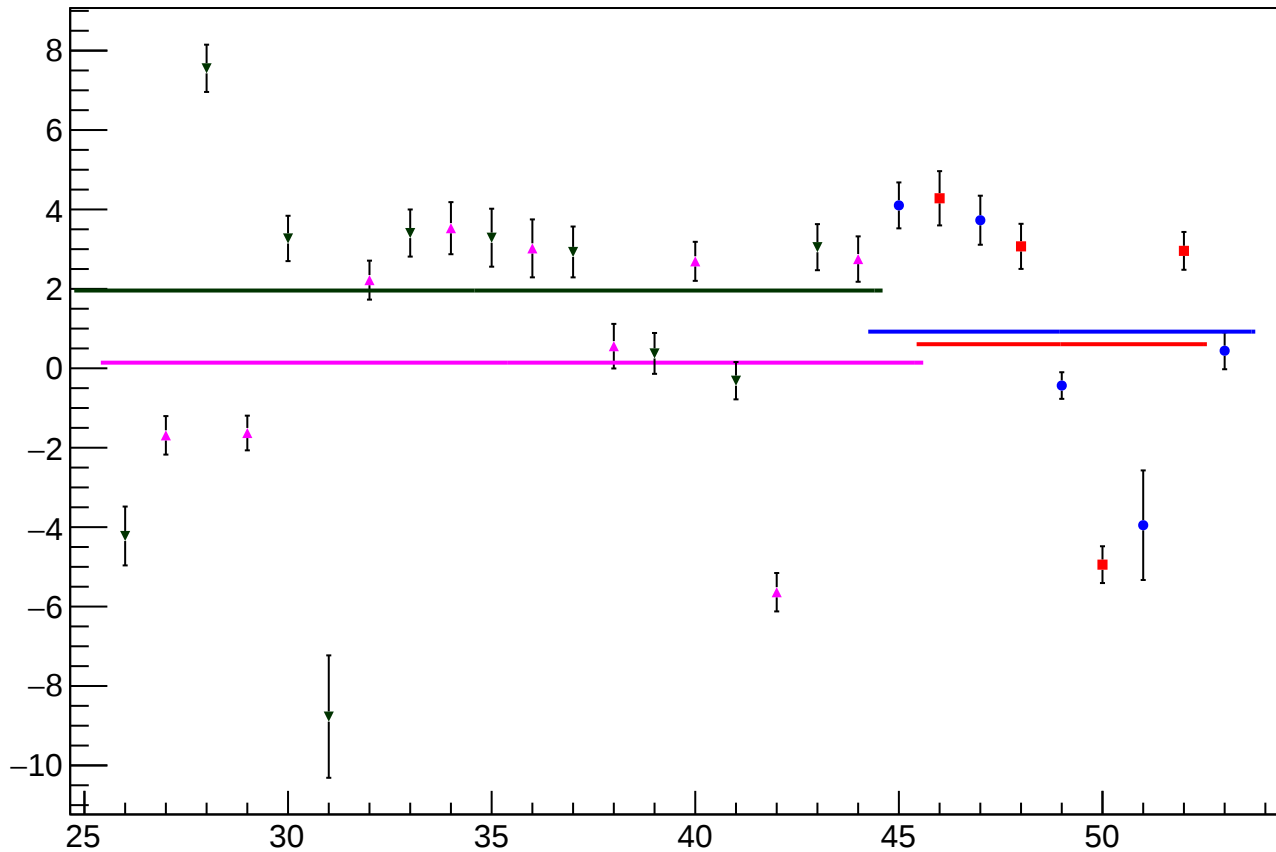
Right Out: -43.933 +/- 0.350 χ^2/NDF : 93.1/3

Left In: -30.535 +/- 0.239 χ^2/NDF : 159.3/8

-36.859 +/- 0.194 χ^2/NDF : 1568.2/14

-34.789 +/- 0.197 χ^2/NDF : 1254.3/12

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.923 ± 0.226 $\chi^2/\text{NDF}: 80.8/4$

Left Out: 1.958 ± 0.194 $\chi^2/\text{NDF}: 259.6/9$

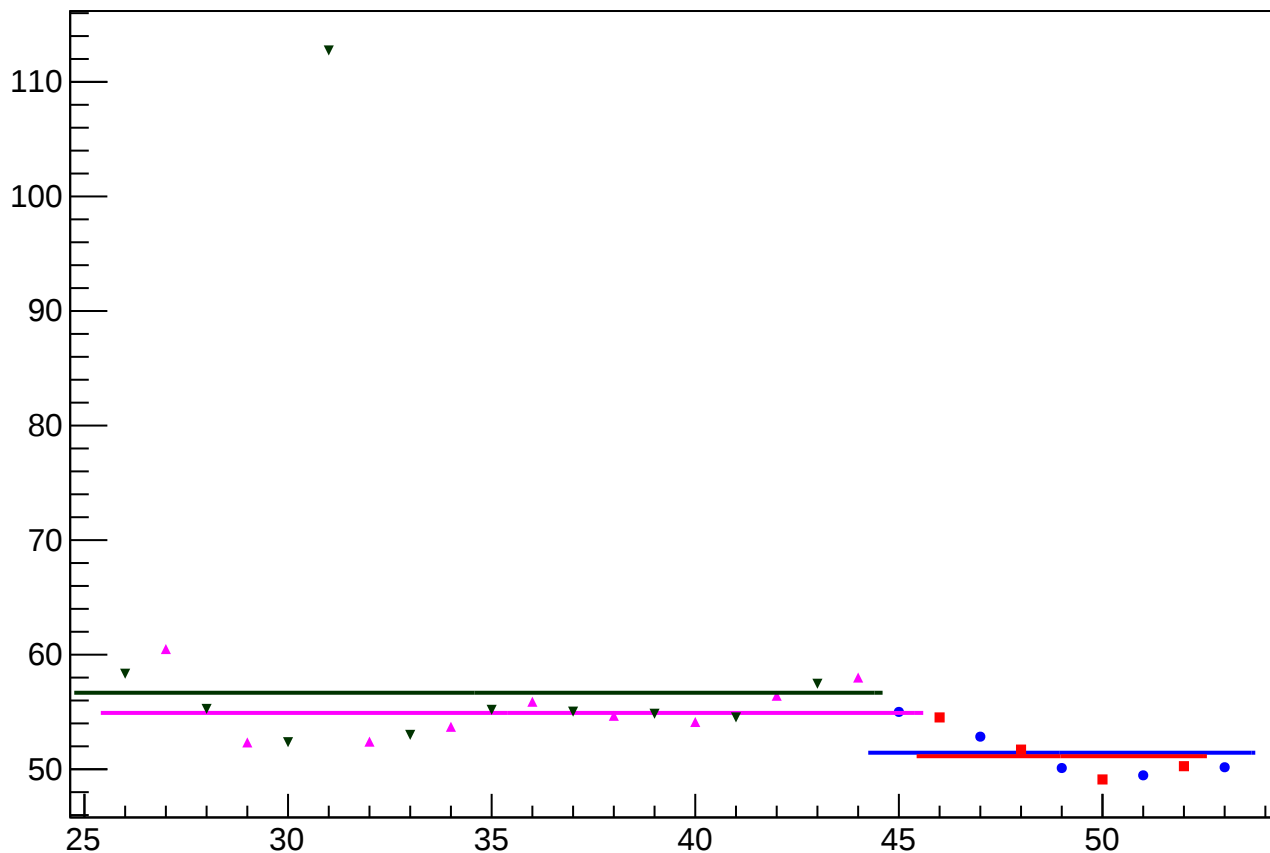
Right Out: 0.607 ± 0.264 $\chi^2/\text{NDF}: 215.7/3$

Left In: 0.142 ± 0.175 $\chi^2/\text{NDF}: 282.1/8$

1.518 ± 0.147 $\chi^2/\text{NDF}: 352.5/14$

0.284 ± 0.146 $\chi^2/\text{NDF}: 500.0/12$

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.442+/-0.054 χ^2/NDF : 1296.6/4

Left Out: 56.677+/-0.043 χ^2/NDF : 56330.1/9

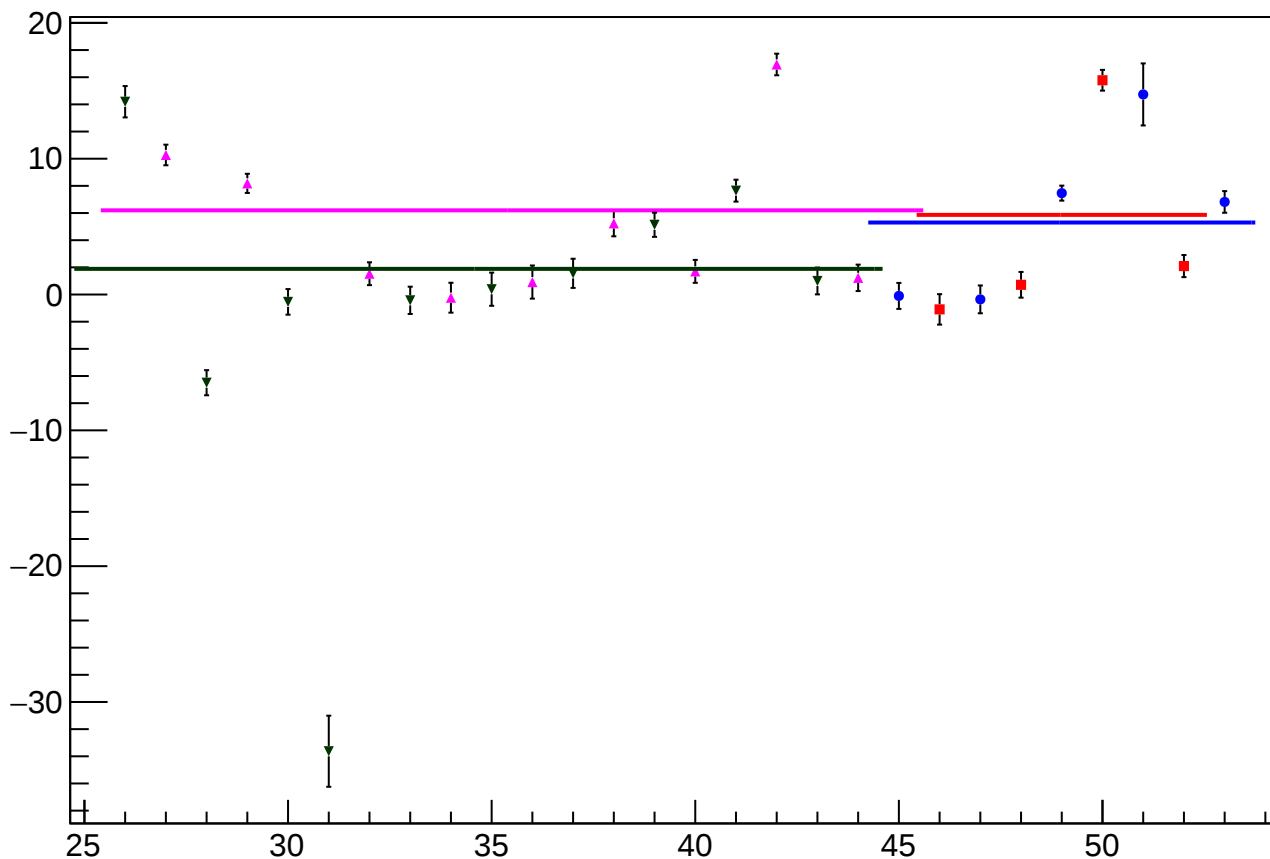
Right Out: 51.136+/-0.062 χ^2/NDF : 960.0/3

Left In: 54.917+/-0.041 χ^2/NDF : 3795.7/8

54.629+/-0.034 χ^2/NDF : 63380.4/14

53.769+/-0.034 χ^2/NDF : 7355.6/12

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 5.302 $\pm$ 0.376 χ^2 /NDF: 98.4/4

Left Out: 1.889 $\pm$ 0.324 χ^2 /NDF: 458.6/9

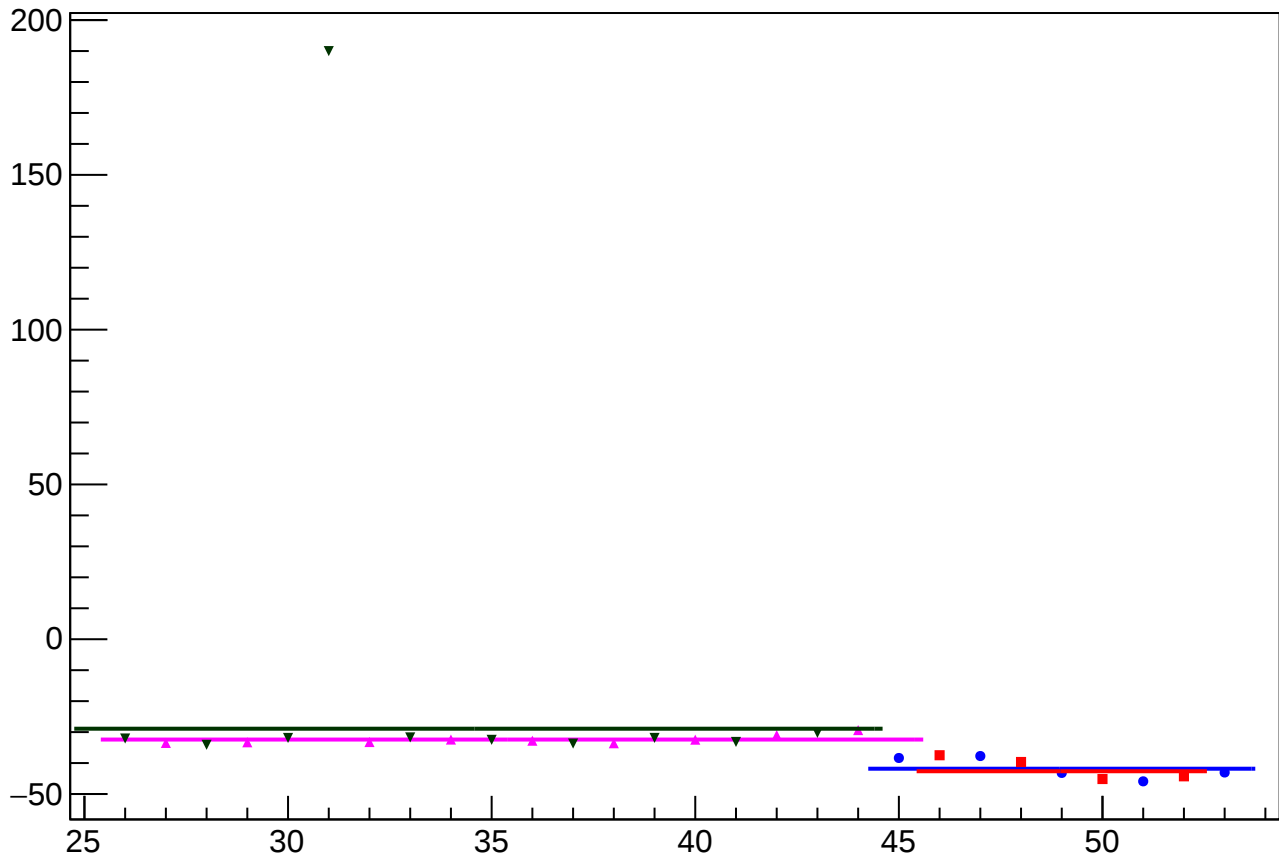
Right Out: 5.864 $\pm$ 0.441 χ^2 /NDF: 257.8/3

Left In: 6.198 $\pm$ 0.291 χ^2 /NDF: 358.2/8

3.344 $\pm$ 0.245 χ^2 /NDF: 604.4/14

6.097 $\pm$ 0.243 χ^2 /NDF: 616.4/12

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.829 $\pm$ 0.072 χ^2 /NDF: 1071.1/4

Left Out: -28.904 $\pm$ 0.059 χ^2 /NDF: 220574.6/9

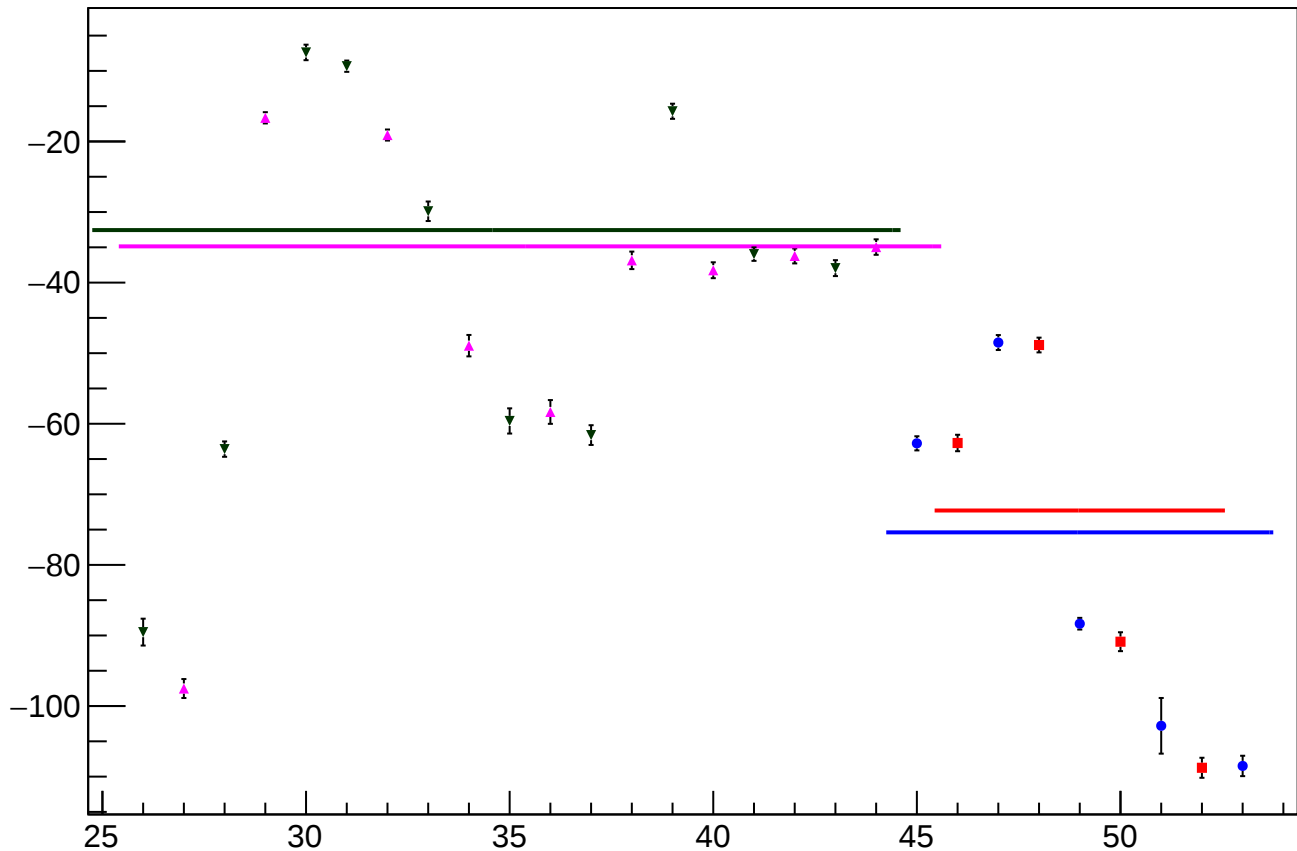
Right Out: -42.646 $\pm$ 0.079 χ^2 /NDF: 1344.1/3

Left In: -32.407 $\pm$ 0.060 χ^2 /NDF: 448.7/8

-34.092 $\pm$ 0.045 χ^2 /NDF: 241199.1/14

-36.129 $\pm$ 0.048 χ^2 /NDF: 12459.2/12

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -75.390+/-0.507 χ^2/NDF : 1620.5/4

Left Out: -32.557+/-0.362 χ^2/NDF : 4020.8/9

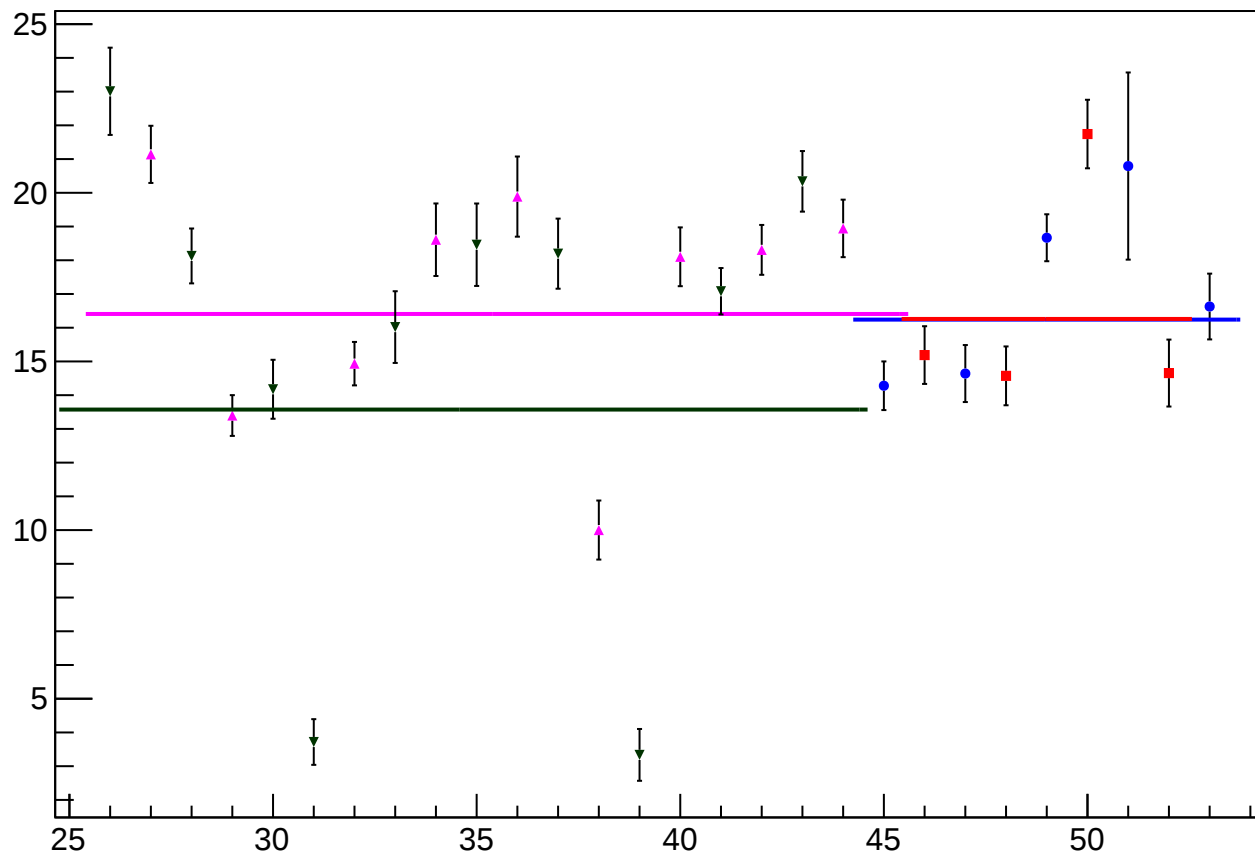
Right Out: -72.292+/-0.608 χ^2/NDF : 1422.4/3

Left In: -34.865+/-0.360 χ^2/NDF : 3392.2/8

-47.040+/-0.295 χ^2/NDF : 10365.4/14

-44.592+/-0.310 χ^2/NDF : 7618.5/12

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.240+/-0.390 χ^2/NDF : 26.0/4

Left Out: 13.573+/-0.276 χ^2/NDF : 598.2/9

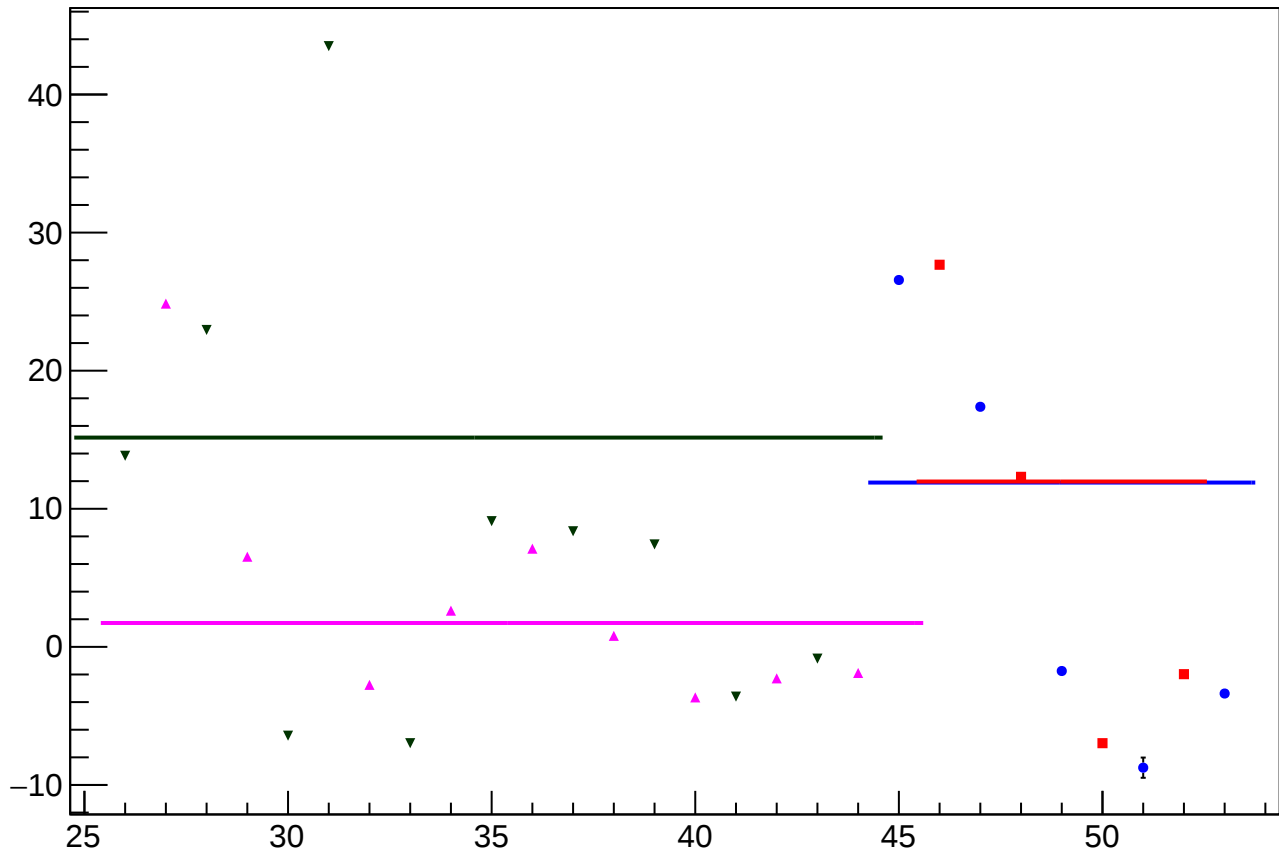
Right Out: 16.260+/-0.463 χ^2/NDF : 37.0/3

Left In: 16.407+/-0.268 χ^2/NDF : 146.8/8

14.463+/-0.225 χ^2/NDF : 655.3/14

16.370+/-0.232 χ^2/NDF : 183.9/12

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 11.898 $\pm$ 0.090 χ^2 /NDF: 20255.2/4

Left Out: 15.156 $\pm$ 0.057 χ^2 /NDF: 119762.0/9

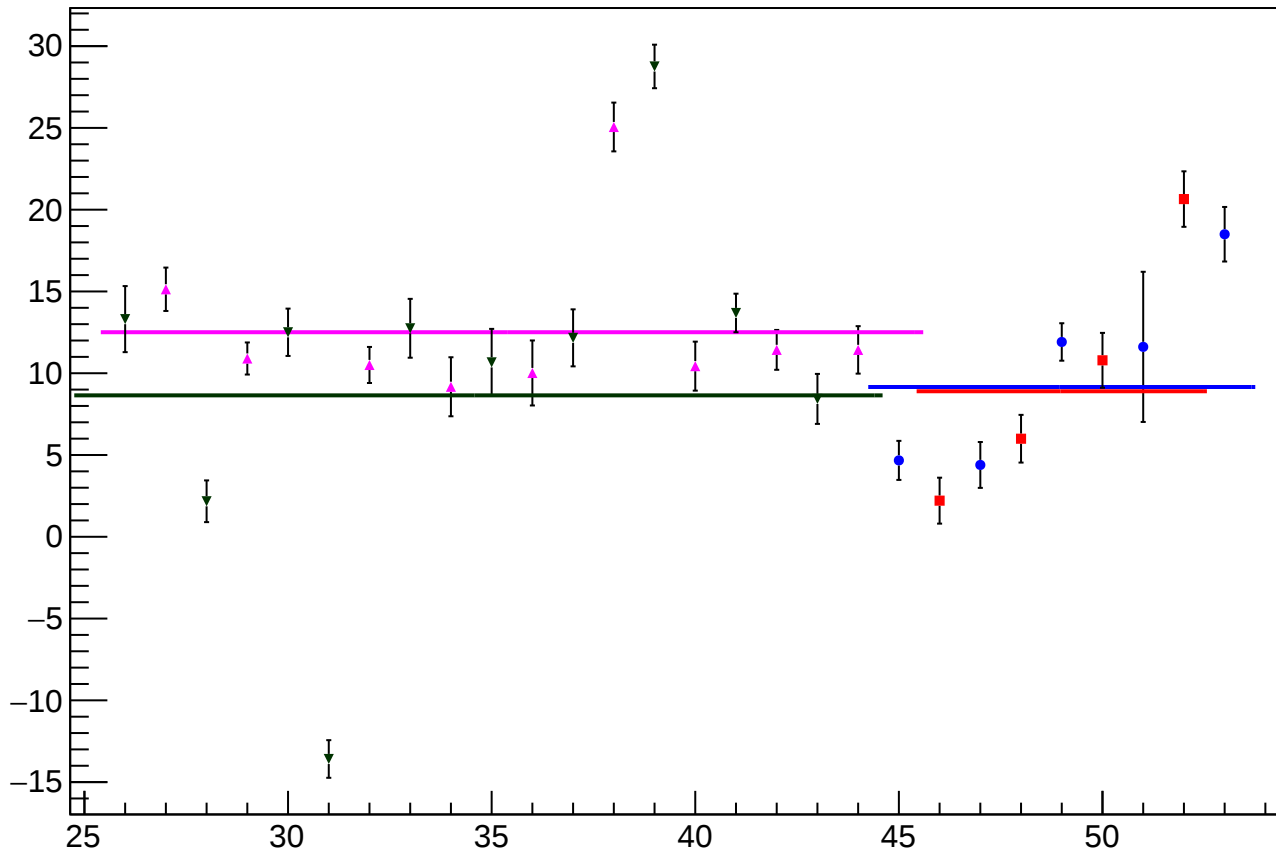
Right Out: 11.974 $\pm$ 0.104 χ^2 /NDF: 16692.3/3

Left In: 1.730 $\pm$ 0.061 χ^2 /NDF: 13843.5/8

14.222 $\pm$ 0.048 χ^2 /NDF: 140945.8/14

4.376 $\pm$ 0.053 χ^2 /NDF: 37748.1/12

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 9.159 ± 0.648 χ^2/NDF : 63.1/4

Left Out: 8.647 ± 0.462 χ^2/NDF : 668.1/9

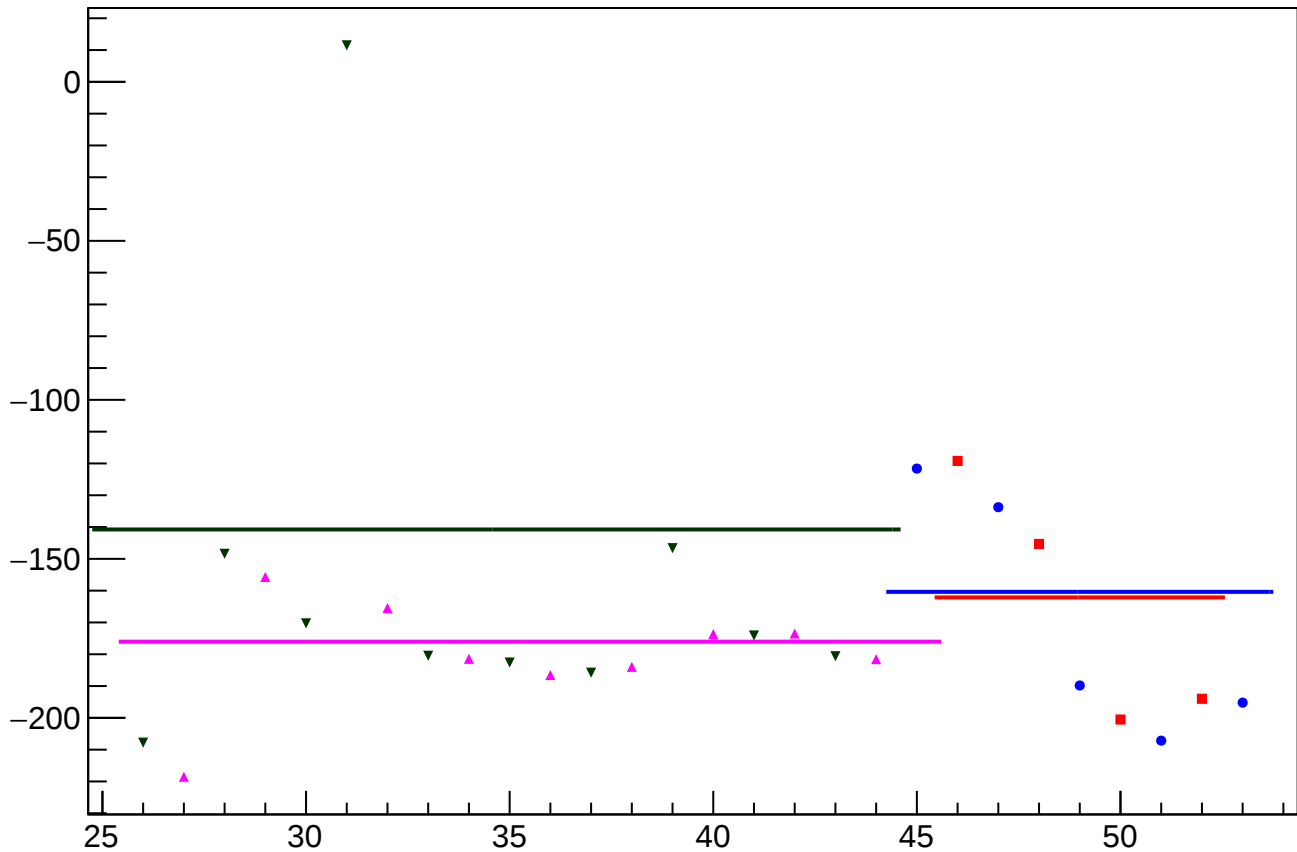
Right Out: 8.898 ± 0.771 χ^2/NDF : 75.9/3

Left In: 12.508 ± 0.446 χ^2/NDF : 89.0/8

8.820 ± 0.376 χ^2/NDF : 731.7/14

11.604 ± 0.386 χ^2/NDF : 181.3/12

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -160.375+/-0.125 χ^2/NDF : 69470.9/4

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

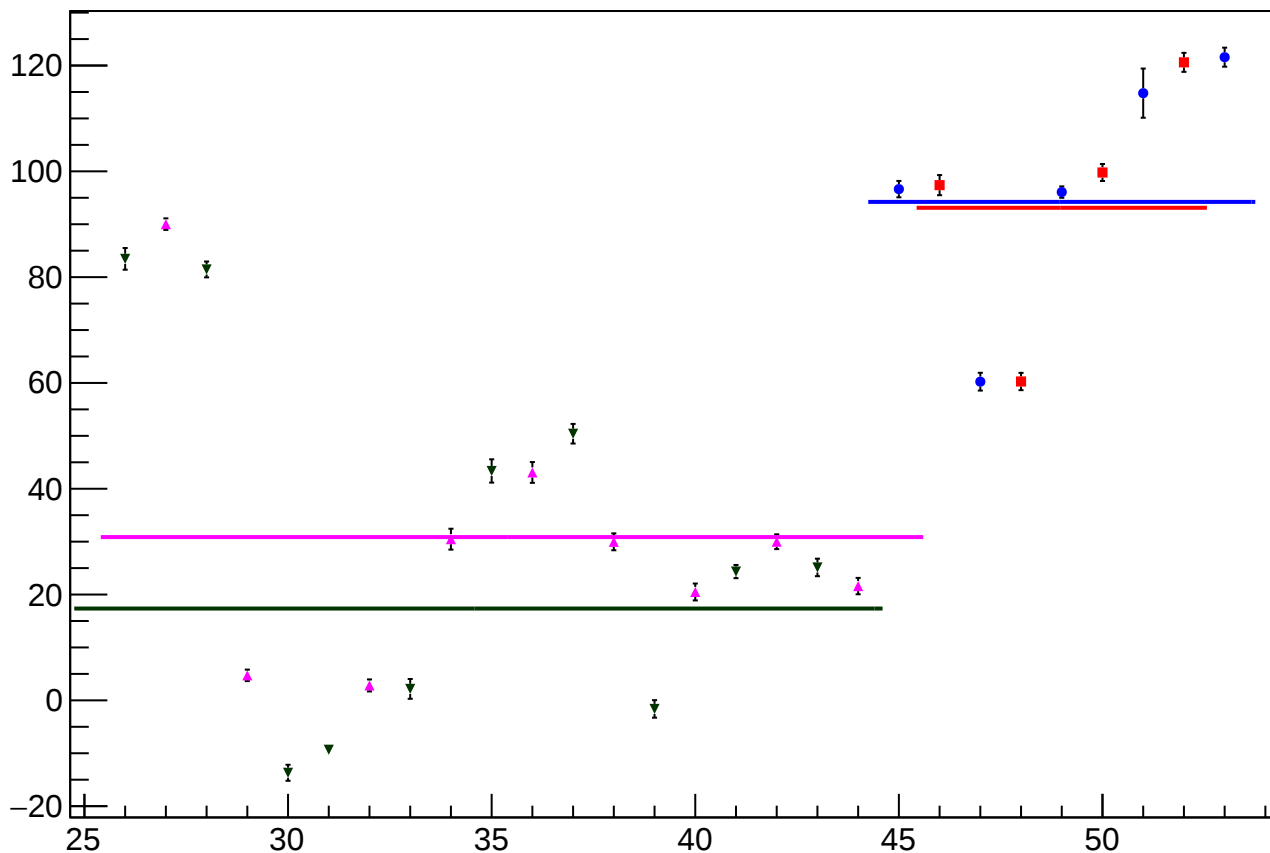
Right Out: -162.127+/-0.143 χ^2/NDF : 55989.0/3

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-147.006+/-0.071 χ^2/NDF : 776735.5/14

-171.926+/-0.078 χ^2/NDF : 91847.4/12

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 94.224+/-0.708 χ^2/NDF : 665.6/4

Left Out: 17.356+/-0.455 χ^2/NDF :5107.4/9

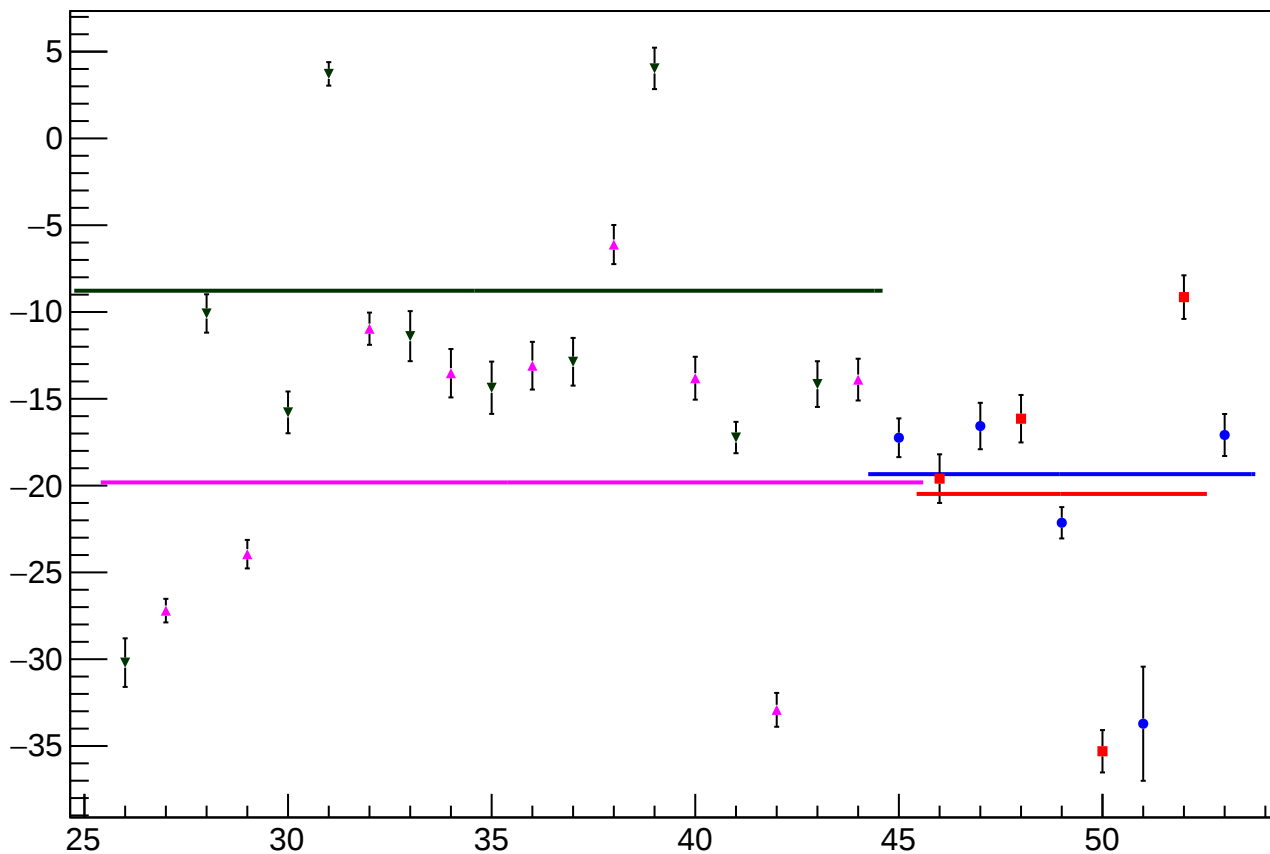
Right Out: 93.111+/-0.862 χ^2/NDF : 659.2/3

Left In: 30.865+/-0.462 χ^2/NDF :4236.0/8

39.800+/-0.383 χ^2/NDF : 14111.3/14

44.742+/-0.407 χ^2/NDF : 8945.1/12

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.340 ± 0.545 $\chi^2/\text{NDF}: 40.1/4$

Left Out: -8.774 ± 0.350 $\chi^2/\text{NDF}: 855.1/9$

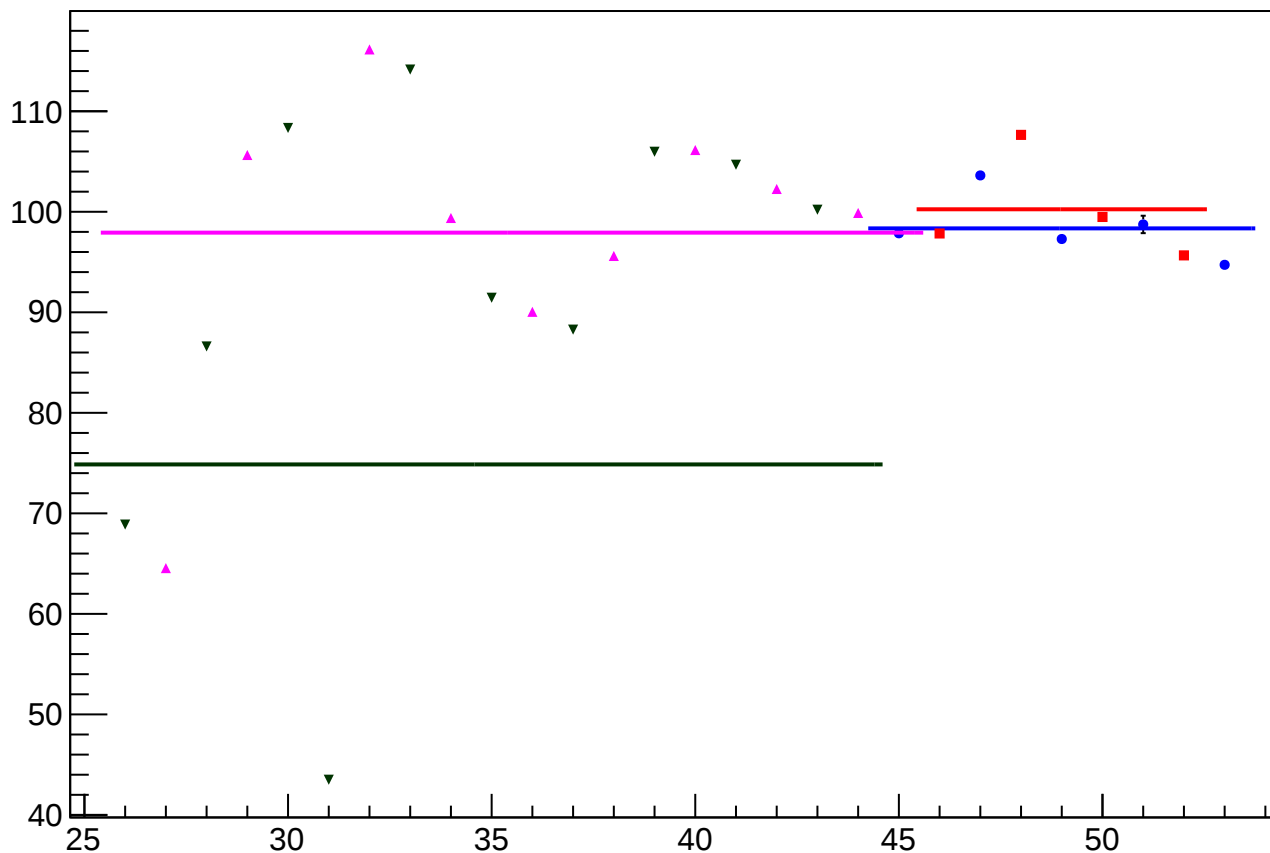
Right Out: -20.480 ± 0.652 $\chi^2/\text{NDF}: 239.6/3$

Left In: -19.816 ± 0.333 $\chi^2/\text{NDF}: 655.3/8$

-11.861 ± 0.295 $\chi^2/\text{NDF}: 1161.2/14$

-19.953 ± 0.296 $\chi^2/\text{NDF}: 895.7/12$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 98.349 ± 0.128 $\chi^2/\text{NDF}: 509.6/4$

Left Out: 74.867 ± 0.070 $\chi^2/\text{NDF}: 168612.2/9$

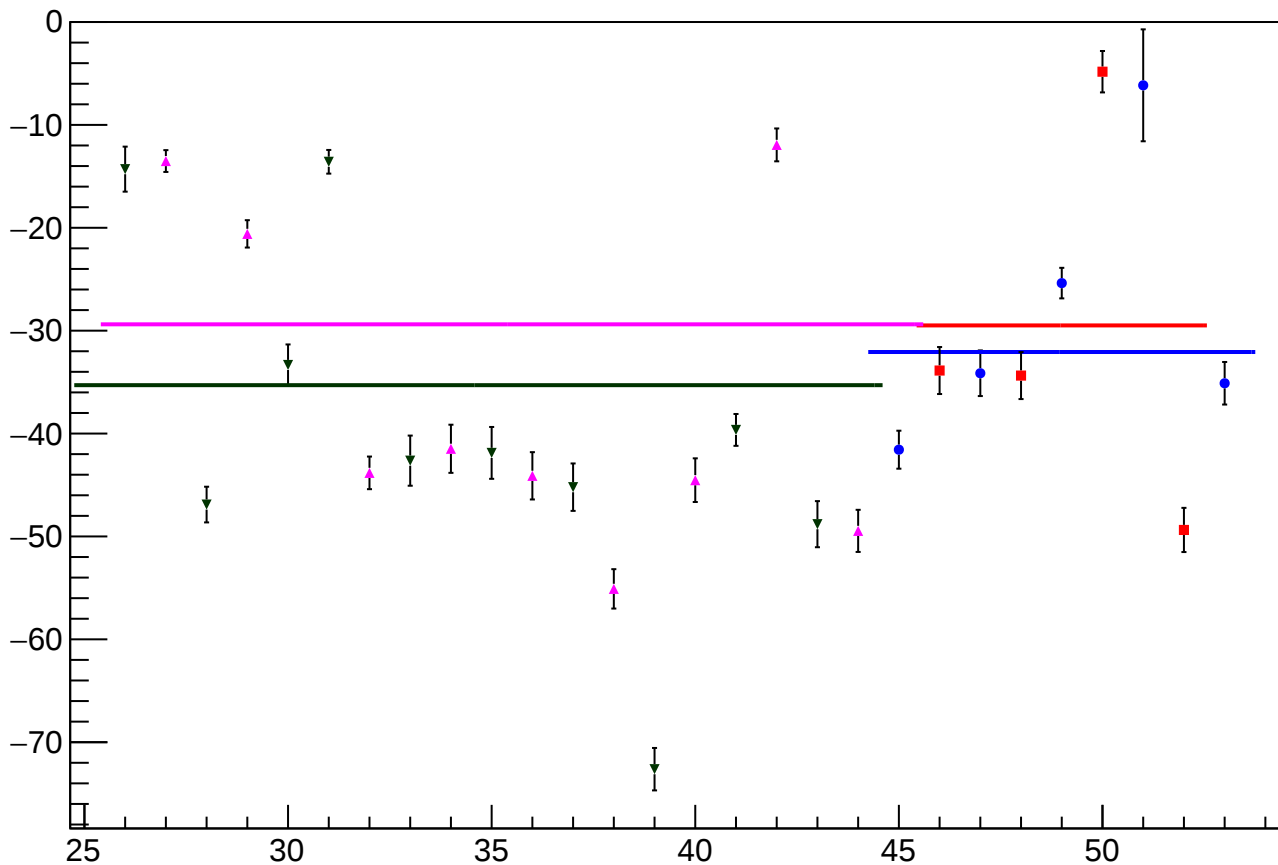
Right Out: 100.248 ± 0.150 $\chi^2/\text{NDF}: 922.0/3$

Left In: 97.925 ± 0.079 $\chi^2/\text{NDF}: 43942.4/8$

80.254 ± 0.061 $\chi^2/\text{NDF}: 195044.6/14$

98.430 ± 0.070 $\chi^2/\text{NDF}: 45051.9/12$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -32.074 +/- 0.906 χ^2/NDF : 72.5/4

Left Out: -35.297 +/- 0.586 χ^2/NDF : 899.8/9

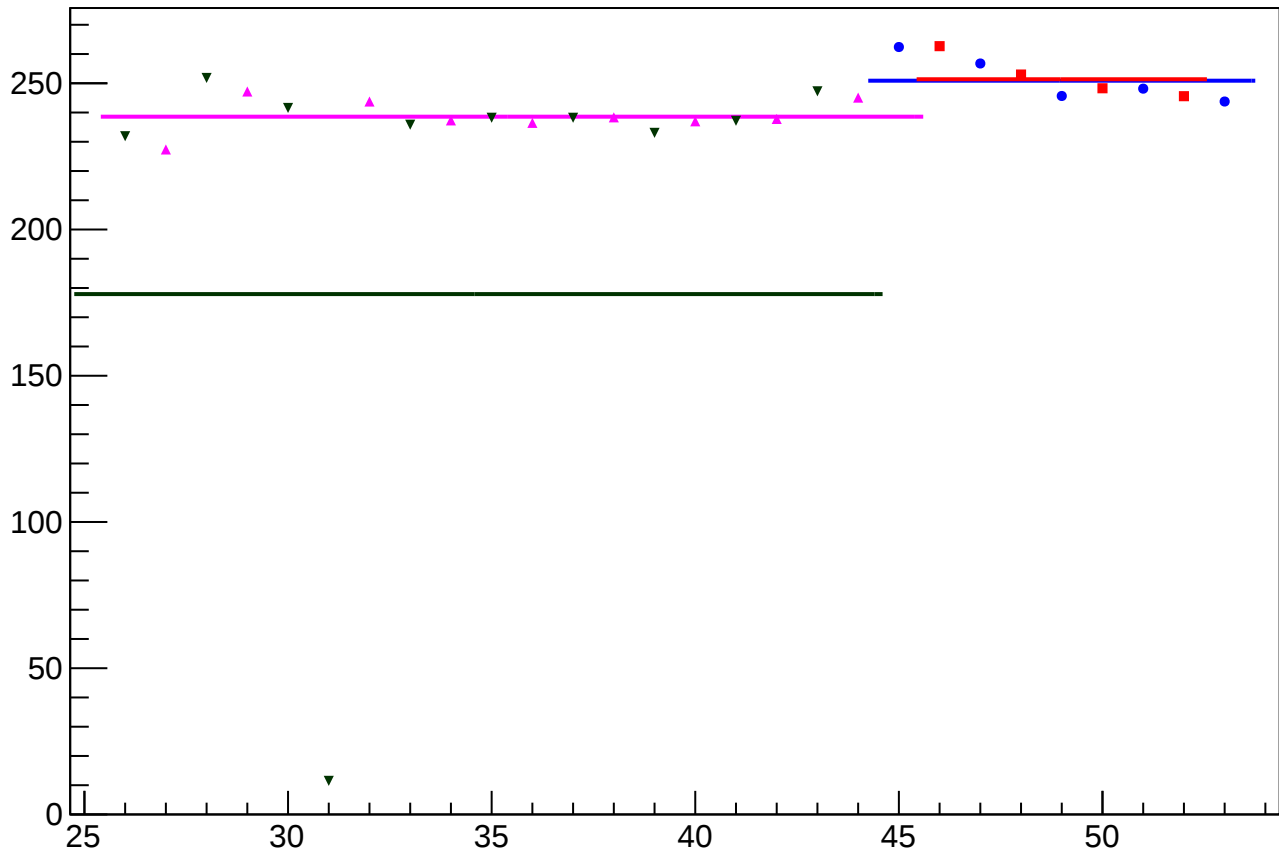
Right Out: -29.489 +/- 1.086 χ^2/NDF : 244.1/3

Left In: -29.383 +/- 0.546 χ^2/NDF : 865.1/8

-34.347 +/- 0.492 χ^2/NDF : 981.2/14

-29.405 +/- 0.488 χ^2/NDF : 1109.2/12

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 250.879 +/- 0.174 χ^2/NDF : 1860.8/4

Left Out: 177.919 +/- 0.108 χ^2/NDF : 891925.7/9

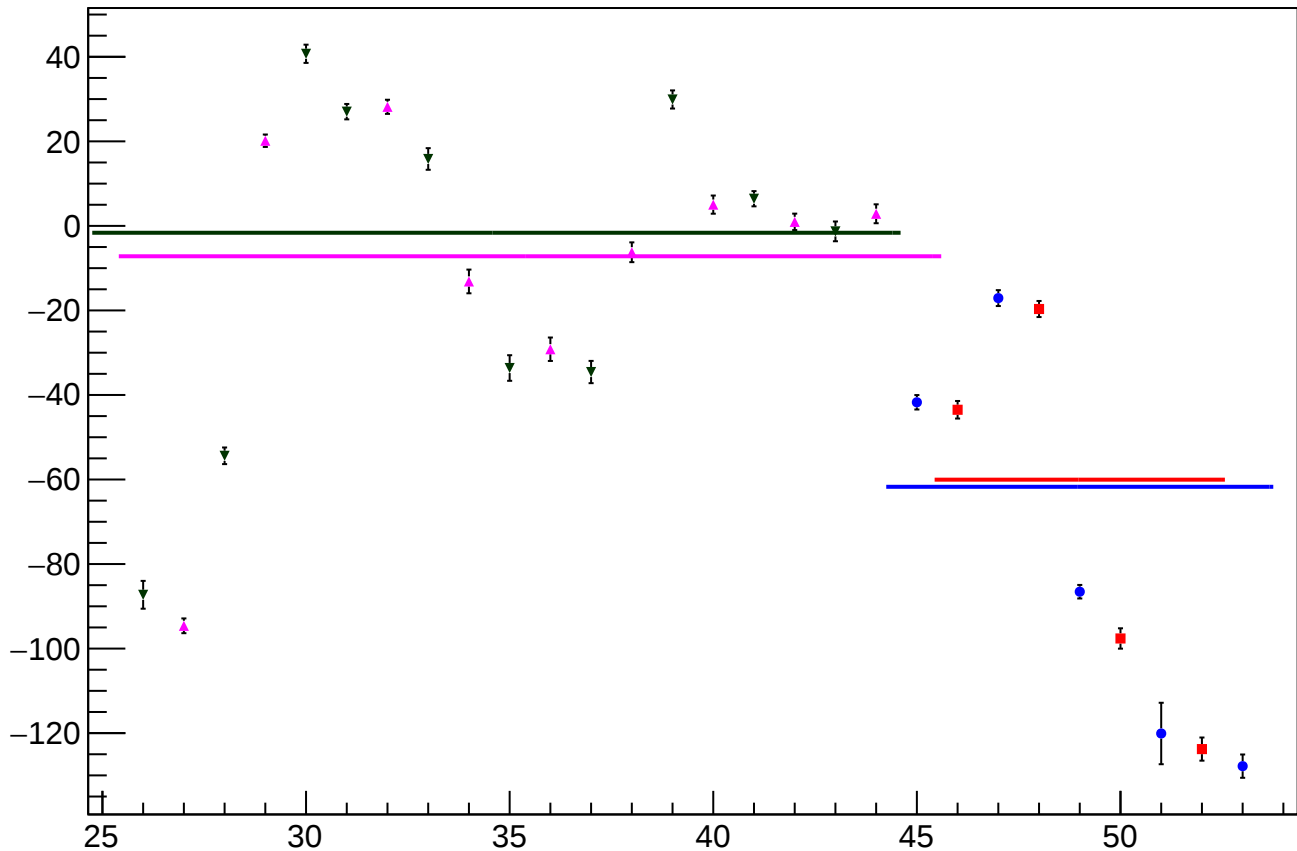
Right Out: 251.374 +/- 0.198 χ^2/NDF : 964.0/3

Left In: 238.578 +/- 0.118 χ^2/NDF : 3012.9/8

198.077 +/- 0.092 χ^2/NDF : 1020885.9/14

241.905 +/- 0.101 χ^2/NDF : 7059.1/12

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -61.724 +/- 0.927 χ^2/NDF : 1578.8/4

Left Out: -1.625 +/- 0.710 χ^2/NDF : 2580.3/9

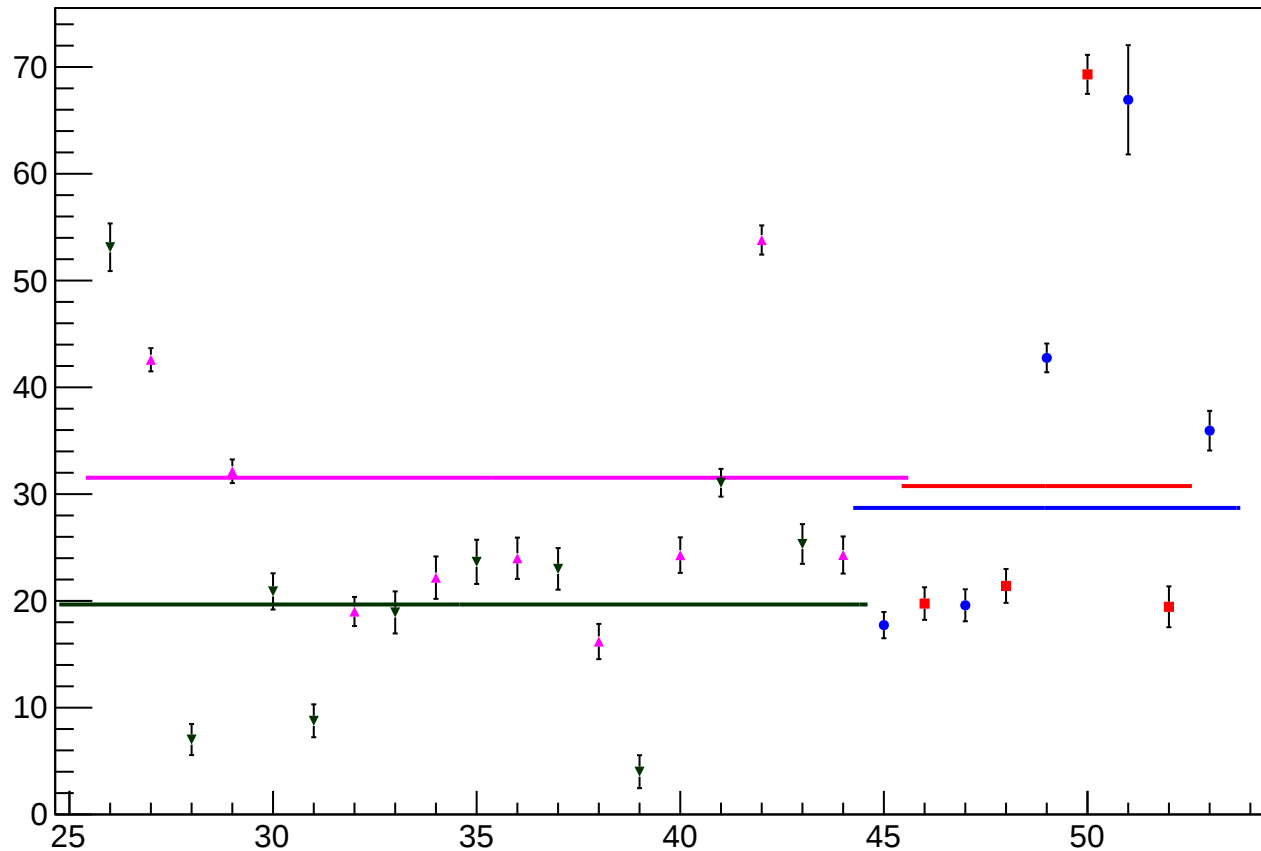
Right Out: -60.037 +/- 1.109 χ^2/NDF : 1299.2/3

Left In: -7.188 +/- 0.664 χ^2/NDF : 3435.6/8

-23.870 +/- 0.564 χ^2/NDF : 6808.2/14

-21.140 +/- 0.570 χ^2/NDF : 6407.3/12

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 28.708+/-0.709 χ^2/NDF : 296.6/4

Left Out: 19.664+/-0.535 χ^2/NDF : 547.2/9

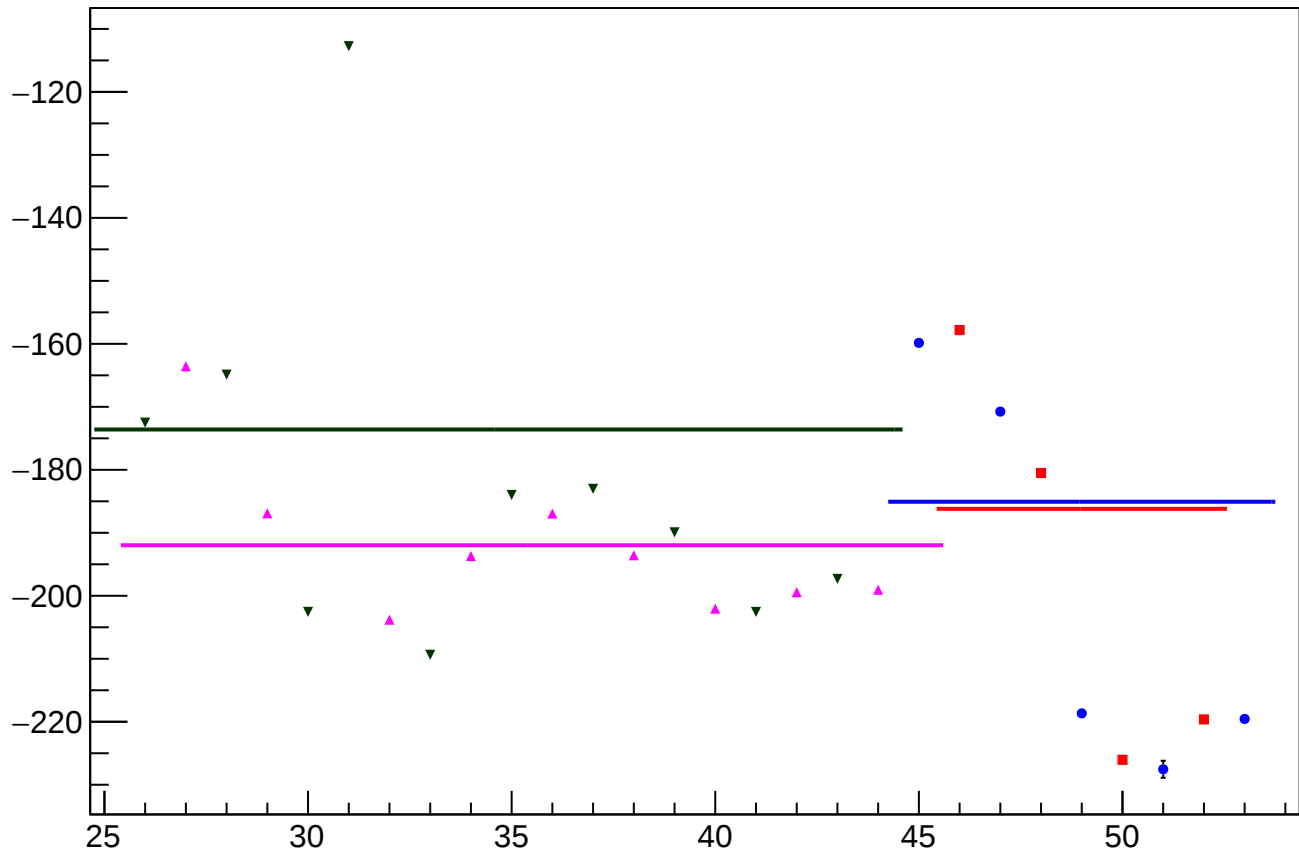
Right Out: 30.754+/-0.845 χ^2/NDF : 566.8/3

Left In: 31.534+/-0.481 χ^2/NDF : 612.9/8

22.940+/-0.427 χ^2/NDF : 947.4/14

31.343+/-0.418 χ^2/NDF : 1180.3/12

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -185.069+/-0.163 χ^2/NDF : 27118.9/4

Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

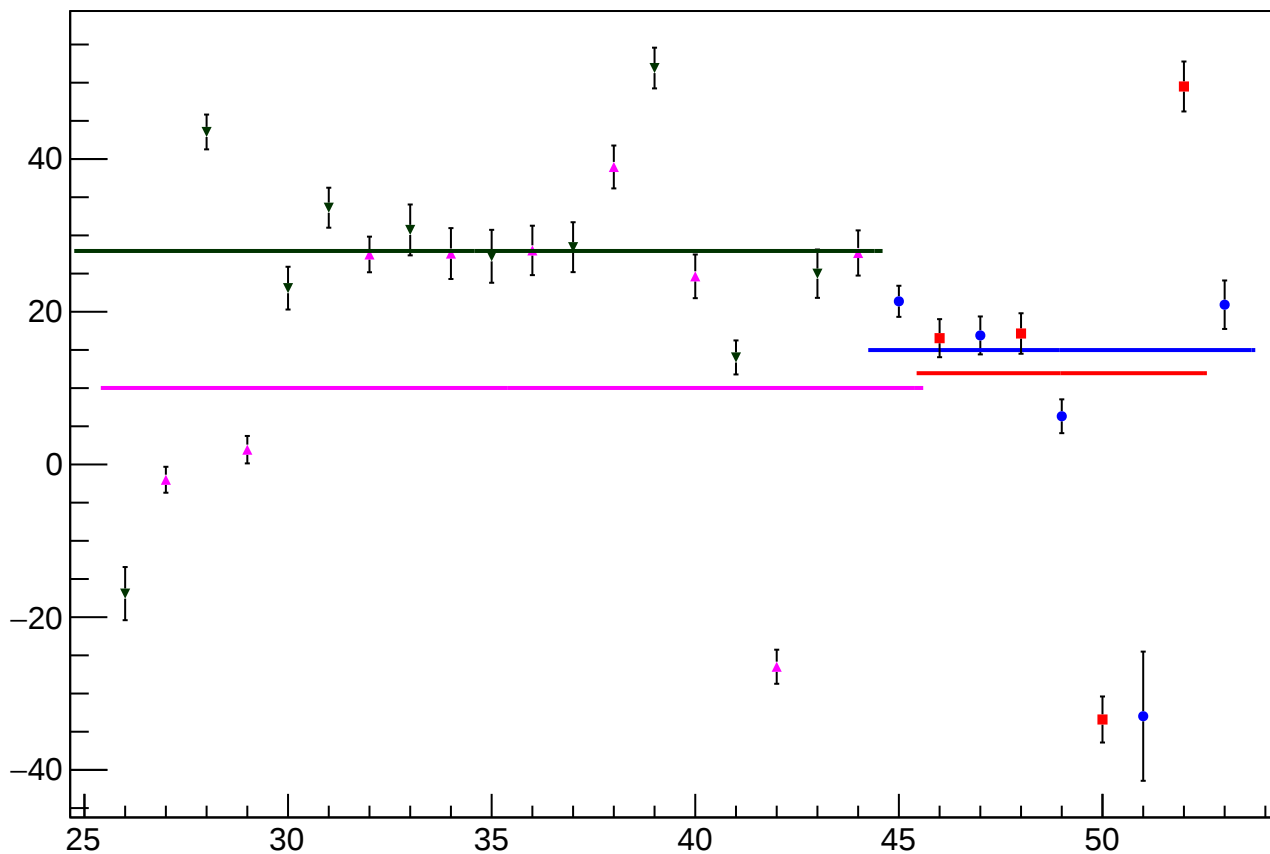
Right Out: -186.193+/-0.189 χ^2/NDF : 20891.7/3

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-177.375+/-0.094 χ^2/NDF : 122953.1/14

-190.427+/-0.098 χ^2/NDF : 33967.5/12

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 14.984 $\pm$ 1.178 χ^2/NDF : 61.4/4

Left Out: 27.961 $\pm$ 0.892 χ^2/NDF :342.1/9

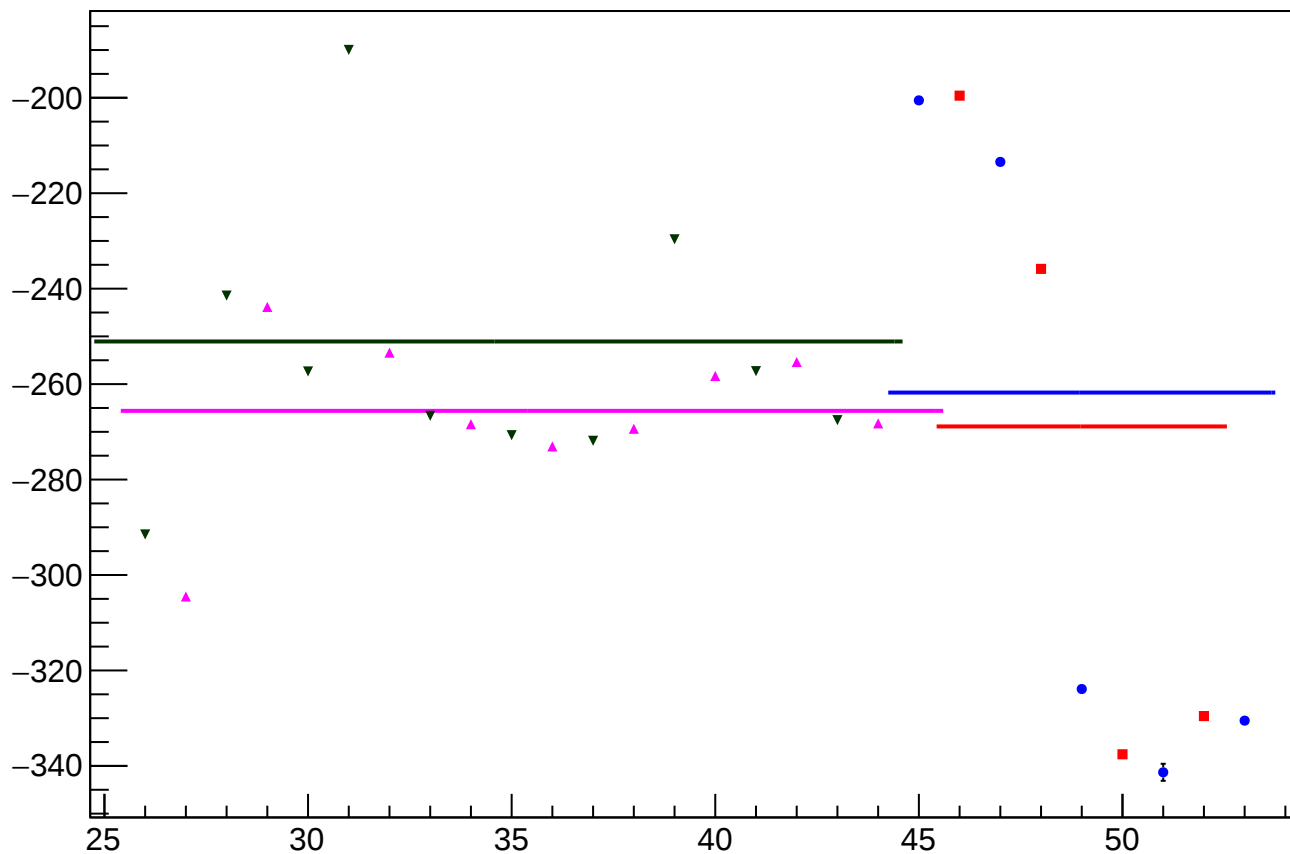
Right Out: 11.954 $\pm$ 1.405 χ^2/NDF : 365.2/3

Left In: 10.019 $\pm$ 0.793 χ^2/NDF :620.9/8

23.234 $\pm$ 0.711 χ^2/NDF : 480.6/14

10.487 $\pm$ 0.691 χ^2/NDF : 987.5/12

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -261.771 ± 0.228 χ^2/NDF : 70317.6/4

Left Out: -251.066 ± 0.164 χ^2/NDF : 28709.1/9

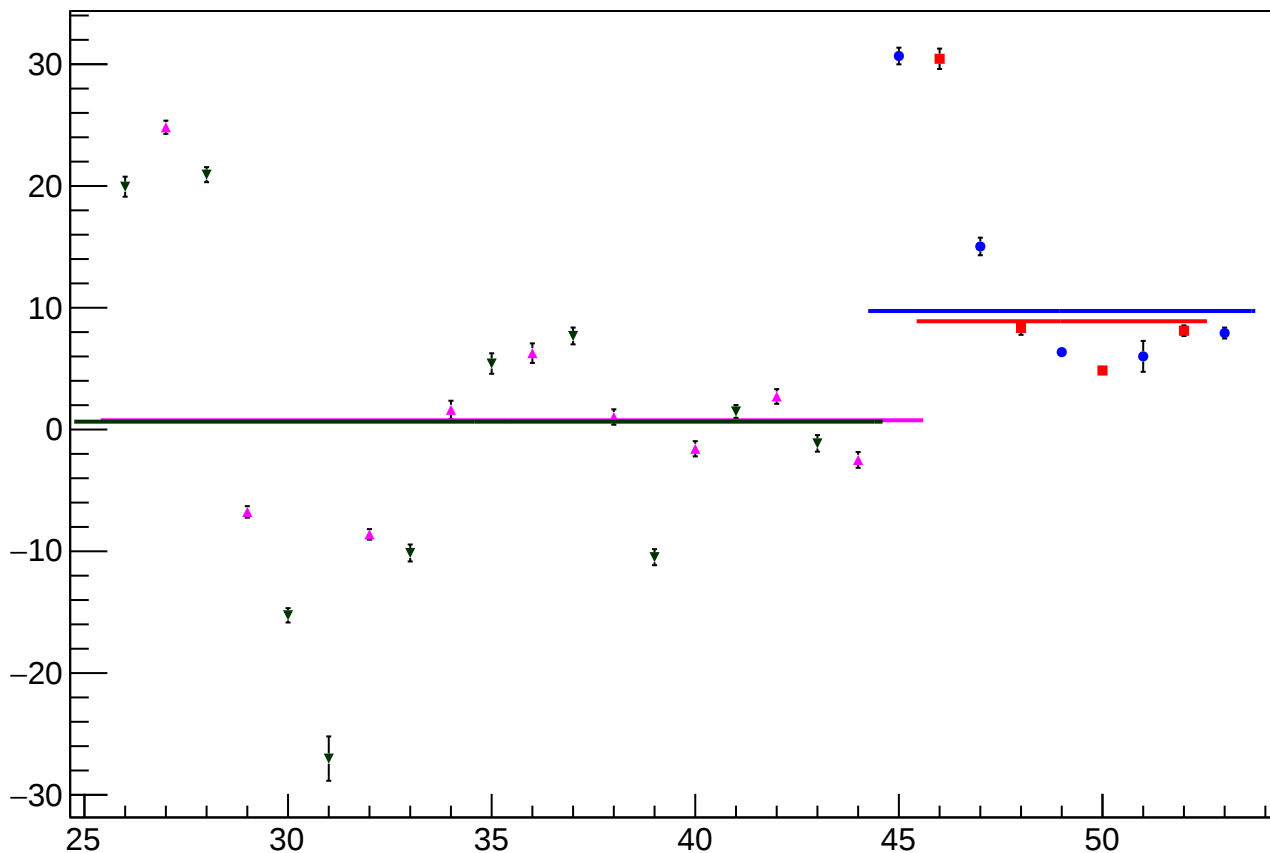
Right Out: -268.869 ± 0.261 χ^2/NDF : 51845.0/3

Left In: -265.603 ± 0.168 χ^2/NDF : 12152.3/8

-254.728 ± 0.133 χ^2/NDF : 100478.2/14

-266.560 ± 0.141 χ^2/NDF : 64108.0/12

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.735 +/- 0.211 χ^2/NDF : 1160.9/4

Left Out: 0.647 +/- 0.219 χ^2/NDF : 3257.1/9

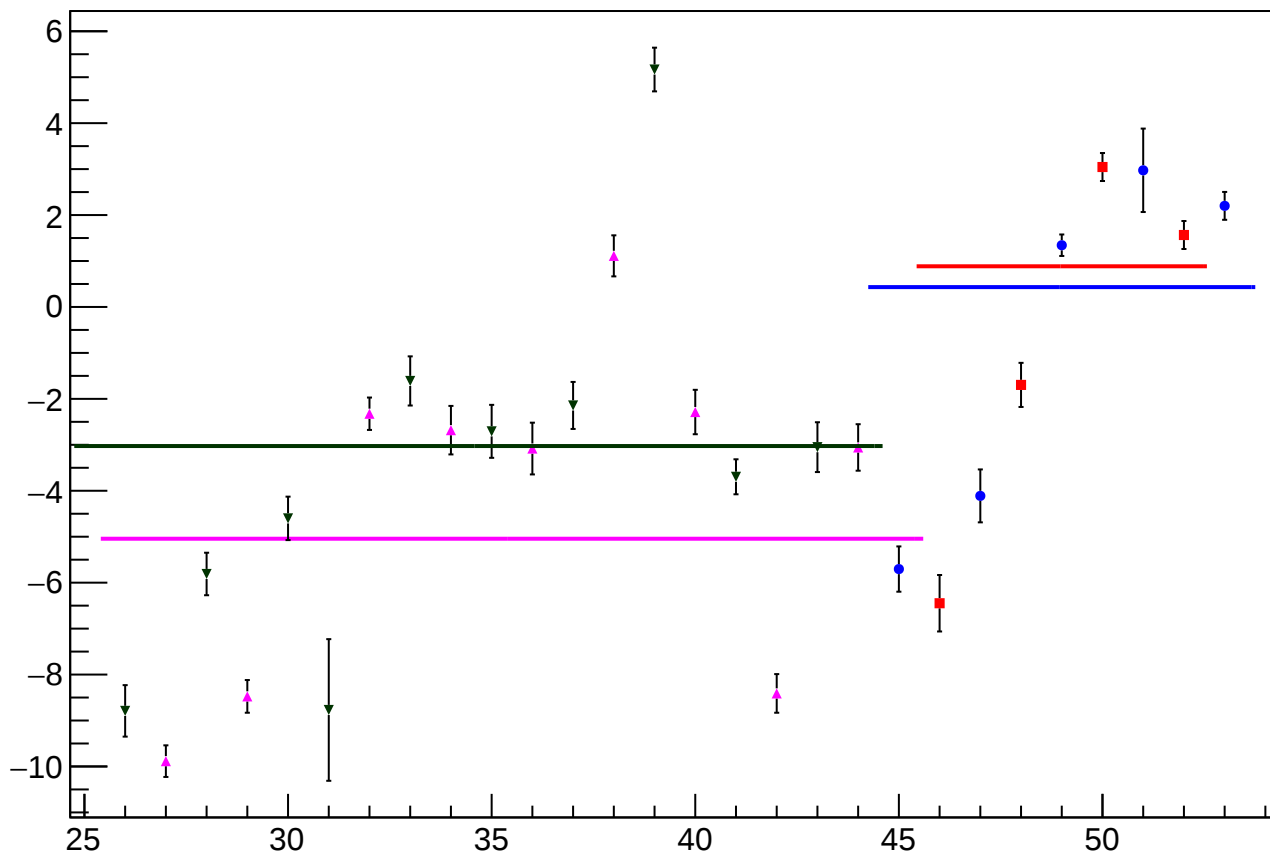
Right Out: 8.892 +/- 0.250 χ^2/NDF : 770.7/3

Left In: 0.760 +/- 0.193 χ^2/NDF : 2789.0/8

5.360 +/- 0.152 χ^2/NDF : 5313.2/14

3.802 +/- 0.153 χ^2/NDF : 4222.1/12

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.432+/-0.163 χ^2/NDF : 274.4/4

Left Out: -3.027+/-0.163 χ^2/NDF : 477.3/9

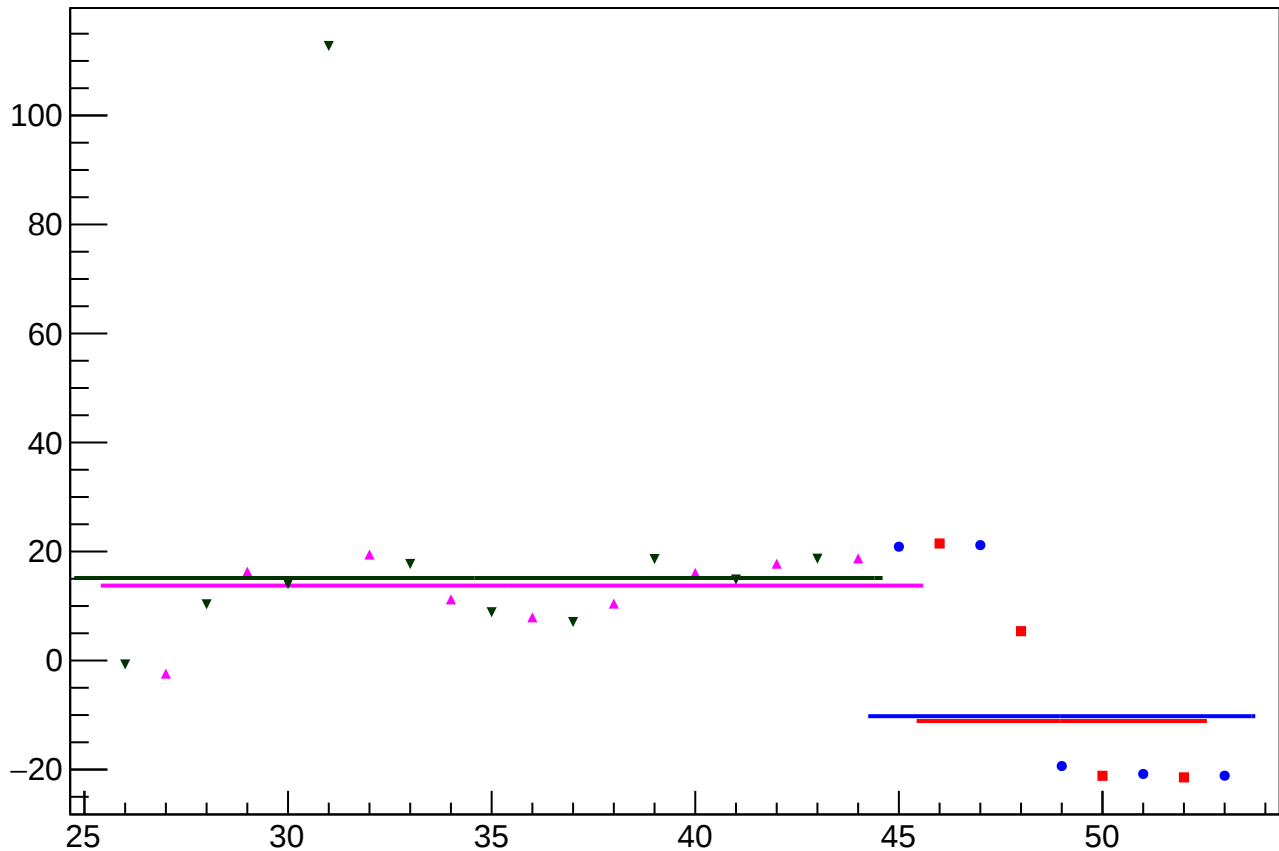
Right Out: 0.885+/-0.187 χ^2/NDF : 226.6/3

Left In: -5.044+/-0.141 χ^2/NDF : 684.5/8

-1.304+/-0.115 χ^2/NDF : 976.9/14

-2.889+/-0.113 χ^2/NDF : 1549.8/12

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -10.213 ± 0.040 χ^2/NDF : 195368.7/4

Left Out: 15.143 ± 0.036 χ^2/NDF : 187125.6/9

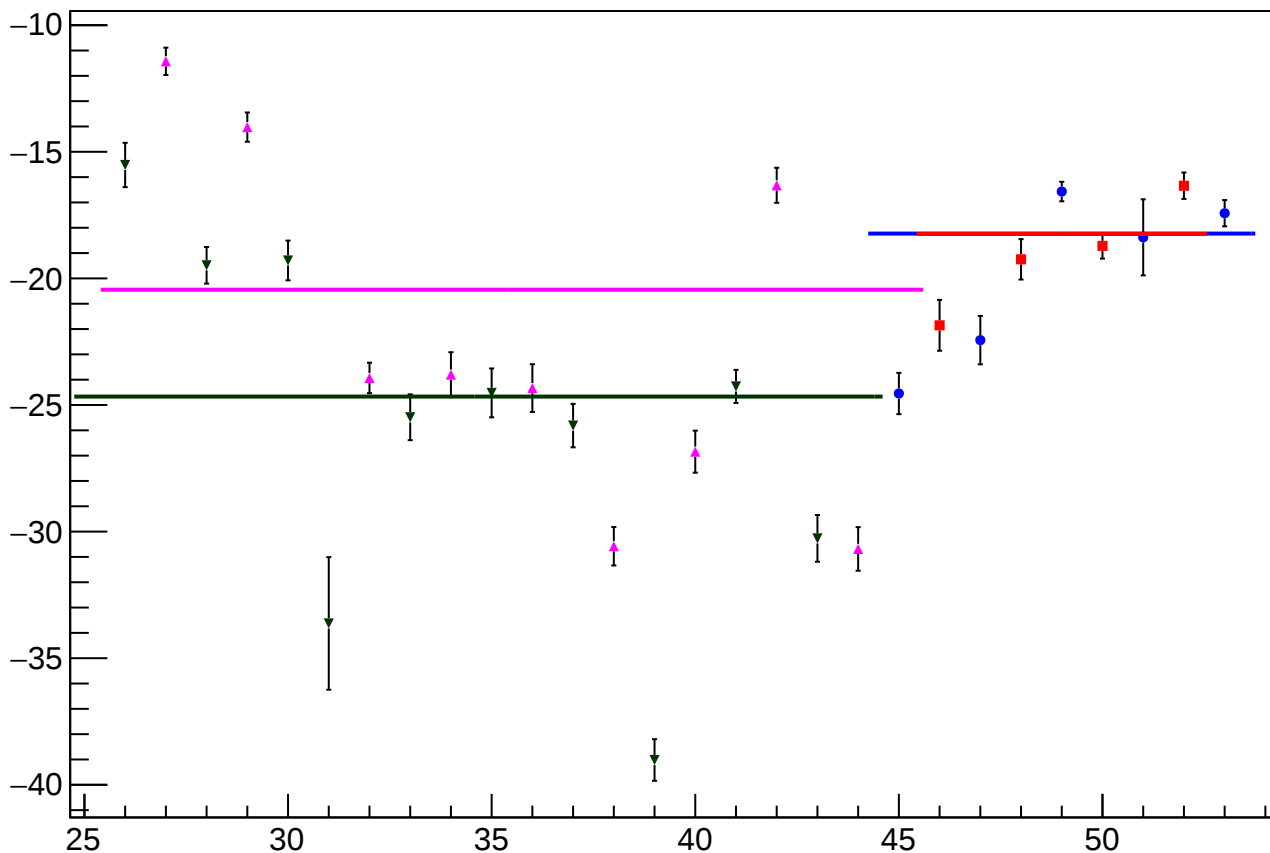
Right Out: -11.095 ± 0.045 χ^2/NDF : 126842.9/3

Left In: 13.747 ± 0.033 χ^2/NDF : 44234.1/8

3.636 ± 0.027 χ^2/NDF : 606460.3/14

5.112 ± 0.026 χ^2/NDF : 371394.4/12

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.230+/-0.272 χ^2/NDF : 100.4/4

Left Out: -24.667+/-0.271 χ^2/NDF : 564.2/9

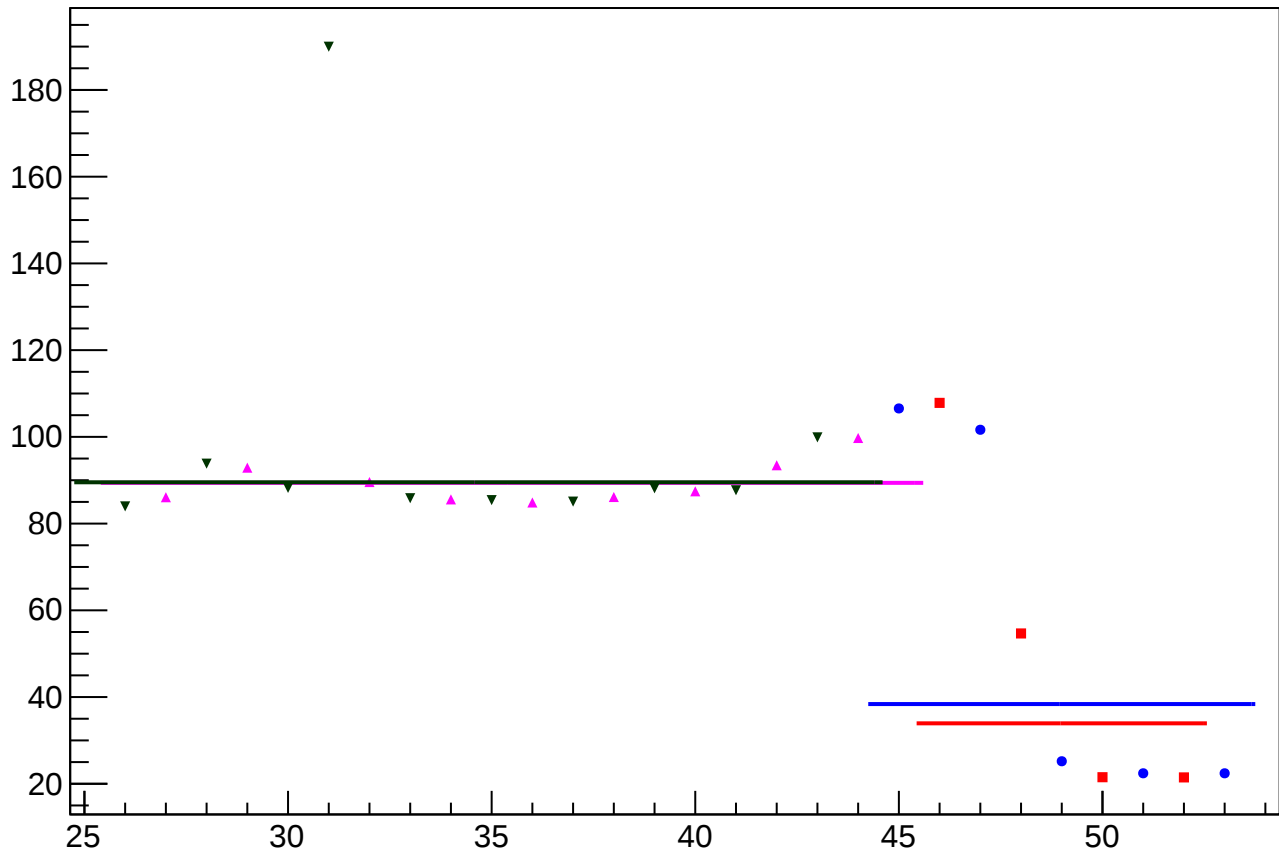
Right Out: -18.244+/-0.313 χ^2/NDF : 28.8/3

Left In: -20.446+/-0.234 χ^2/NDF : 882.7/8

-21.466+/-0.192 χ^2/NDF : 945.8/14

-19.655+/-0.188 χ^2/NDF : 943.2/12

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 38.383+/-0.051 χ^2/NDF : 356900.3/4

Left Out: 89.526+/-0.049 χ^2/NDF : 54366.7/9

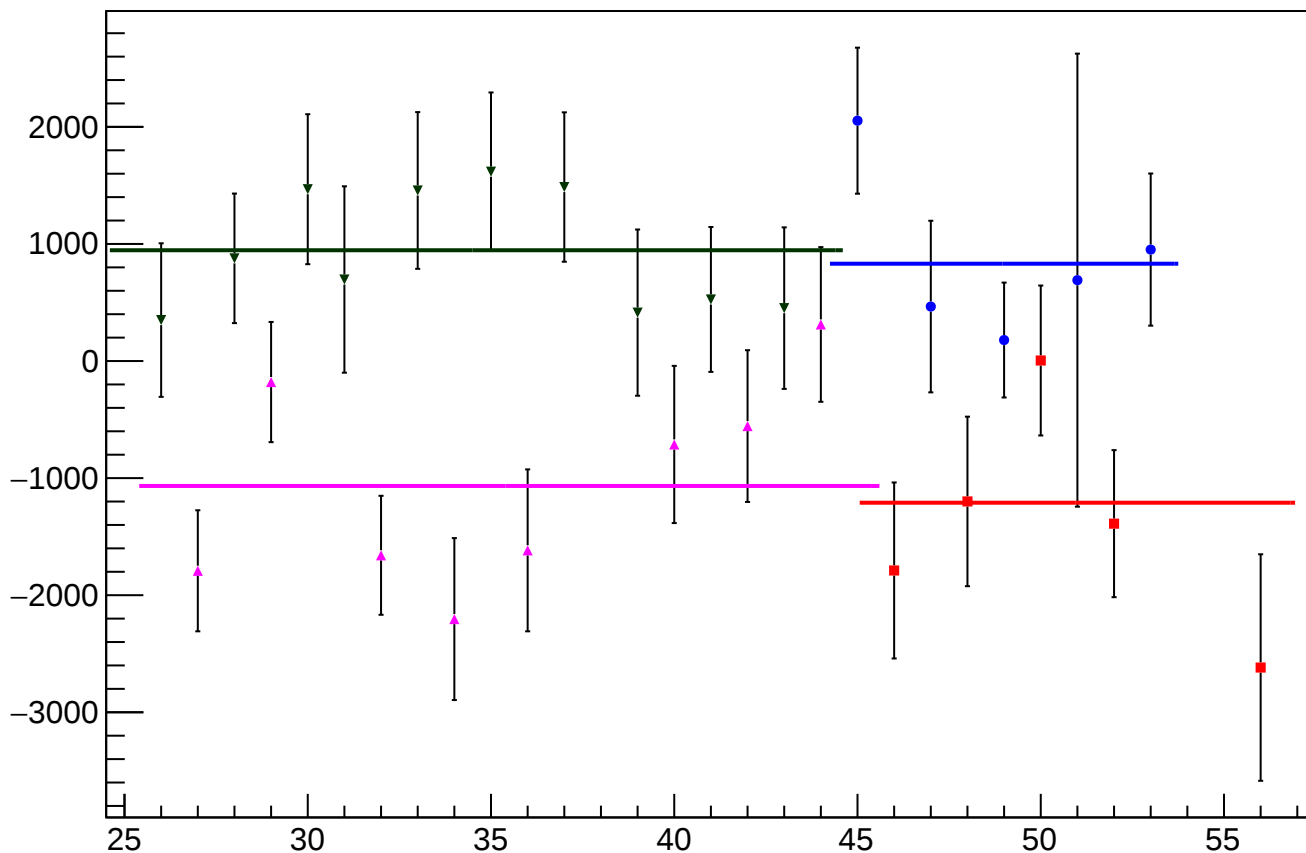
Right Out: 33.937+/-0.055 χ^2/NDF : 202497.3/3

Left In: 89.397+/-0.049 χ^2/NDF : 7802.3/8

64.967+/-0.036 χ^2/NDF : 924222.5/14

65.034+/-0.037 χ^2/NDF : 773843.6/12

reg_asym_atl1_mean vs slug



Right In: 831.305 ± 298.499 $\chi^2/\text{NDF}: 5.9/4$

Left Out: 946.354 ± 207.711 $\chi^2/\text{NDF}: 5.4/9$

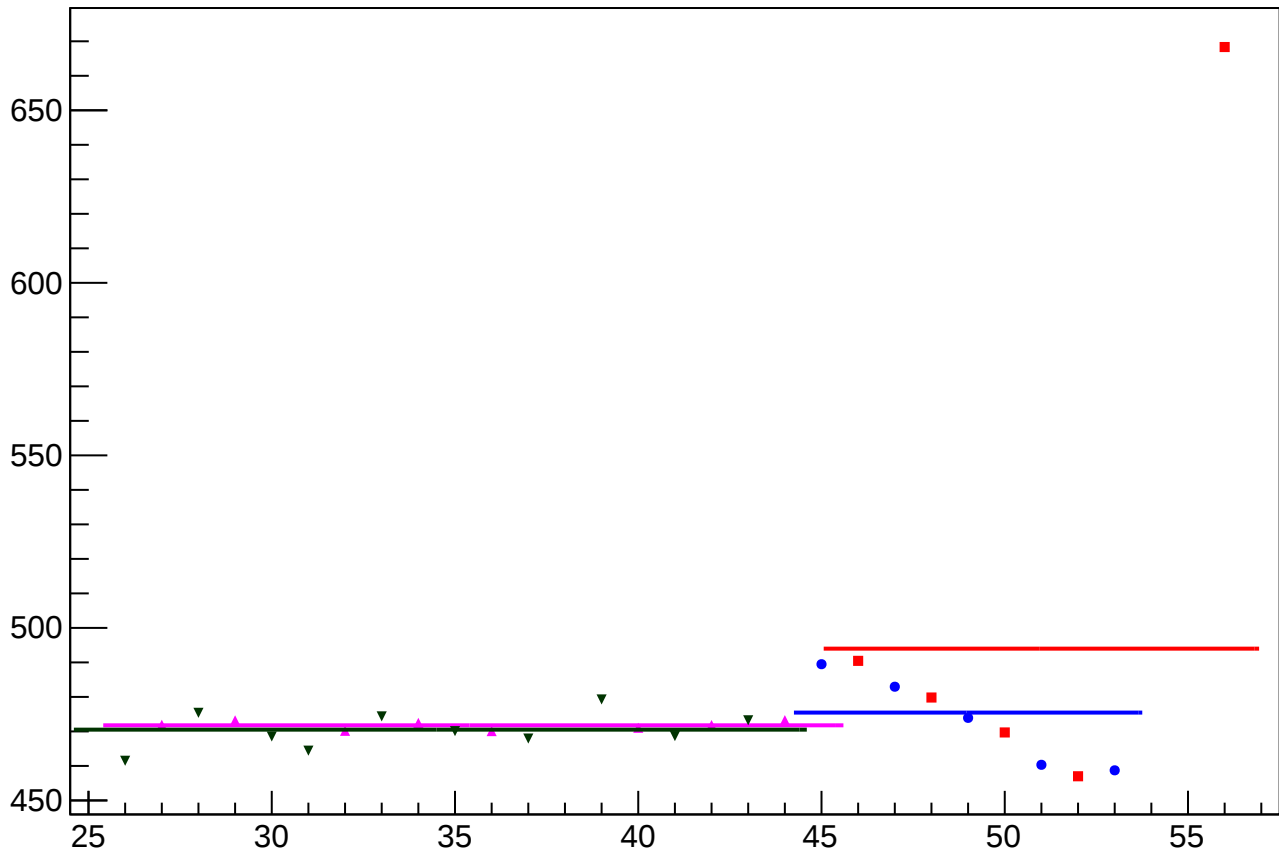
Right Out: -1210.011 ± 320.732 $\chi^2/\text{NDF}: 6.4/4$

Left In: -1066.964 ± 210.912 $\chi^2/\text{NDF}: 14.9/7$

908.820 ± 170.495 $\chi^2/\text{NDF}: 11.4/14$

-1110.148 ± 176.224 $\chi^2/\text{NDF}: 21.4/12$

reg_asym_atl1_rms vs slug



Right In: 475.458+/-0.211 χ^2/NDF : 2688.6/4

Left Out: 470.514+/-0.147 χ^2/NDF : 1122.3/9

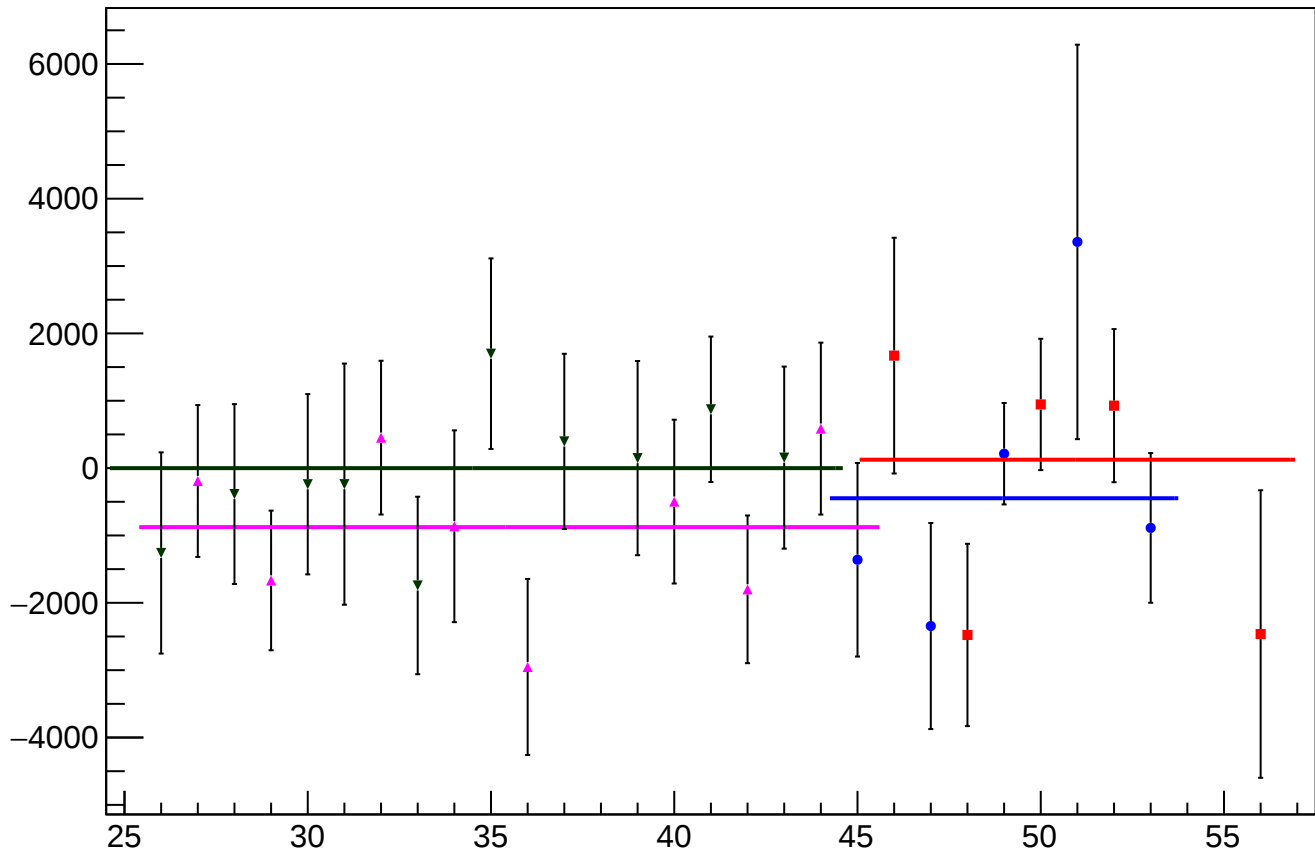
Right Out: 493.989+/-0.227 χ^2/NDF : 75591.9/4

Left In: 471.772+/-0.149 χ^2/NDF : 62.3/7

472.127+/-0.121 χ^2/NDF : 4180.5/14

478.479+/-0.125 χ^2/NDF : 82353.6/12

asym_atl1_correction_mean vs slug



Right In: -447.452+/-526.933 χ^2/NDF : 4.6/4

Left Out: -0.504+/-428.990 χ^2/NDF : 4.8/9

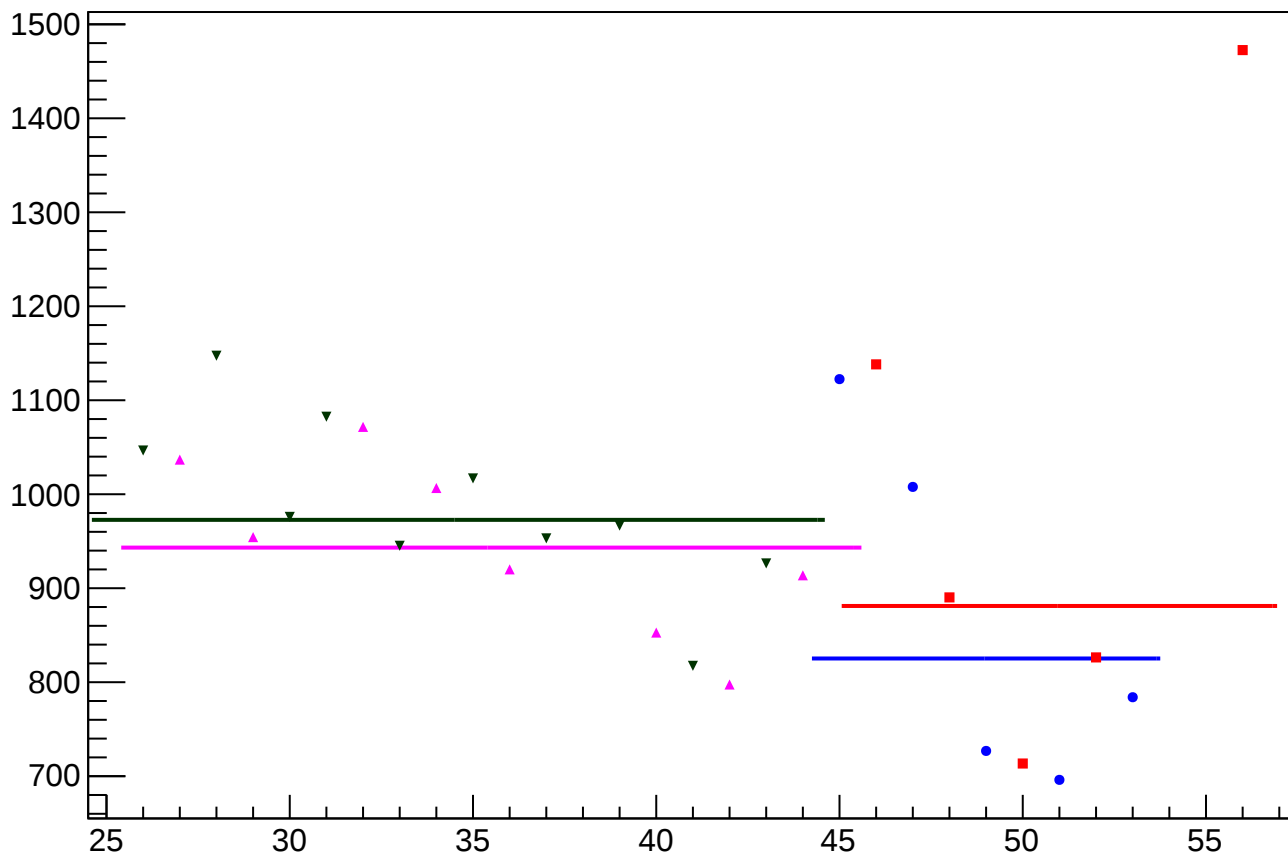
Right Out: 124.828+/-585.409 χ^2/NDF : 7.2/4

Left In: -876.325+/-419.386 χ^2/NDF : 6.9/7

-178.660+/-332.680 χ^2/NDF : 9.8/14

-536.774+/-340.927 χ^2/NDF : 16.0/12

asym_atl1_correction_rms vs slug



Right In: 825.235+/-0.373 χ^2/NDF : 154781.9/4

Left Out: 972.740+/-0.303 χ^2/NDF : 93722.9/9

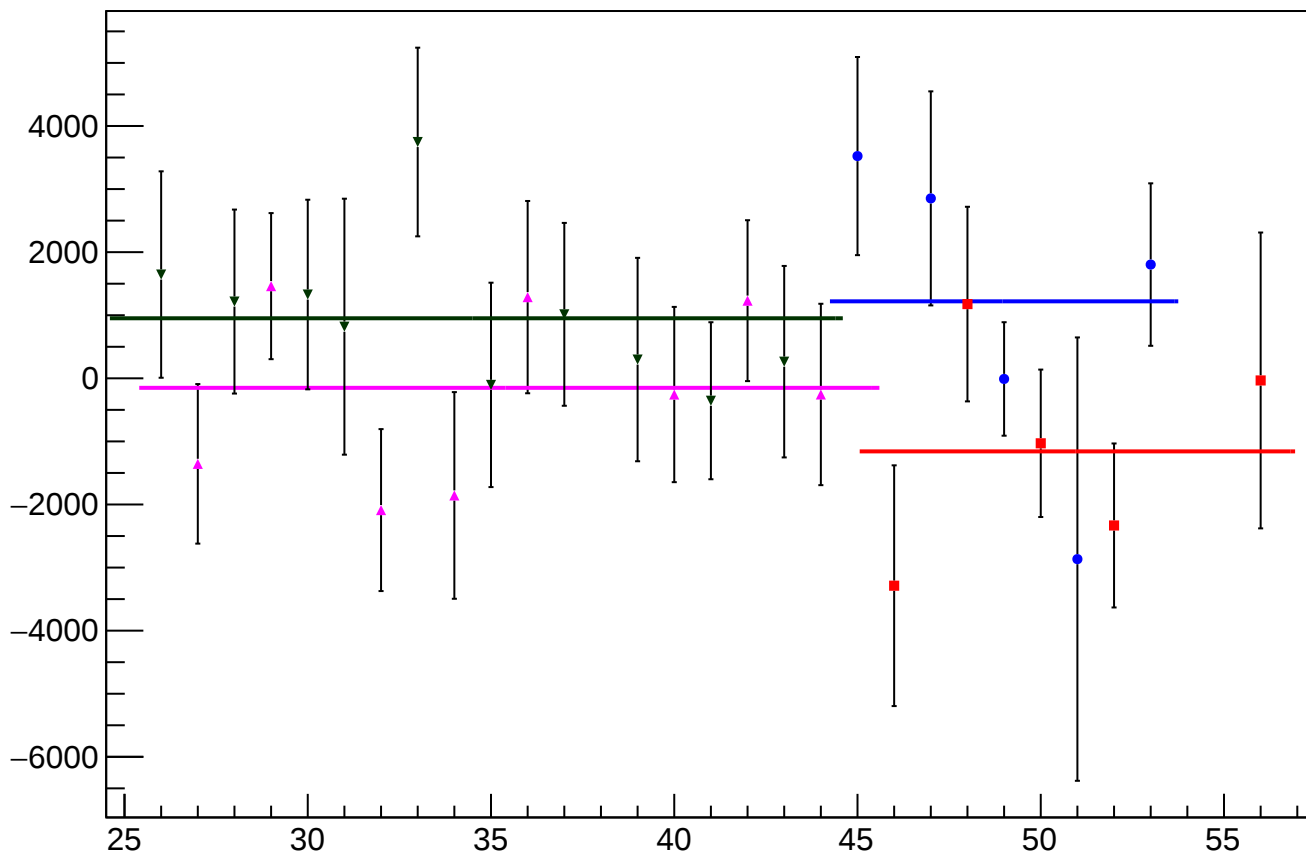
Right Out: 881.118+/-0.414 χ^2/NDF : 260586.7/4

Left In: 943.222+/-0.297 χ^2/NDF : 91364.0/7

913.944+/-0.235 χ^2/NDF : 342756.4/14

922.159+/-0.241 χ^2/NDF : 366825.4/12

asym_atl1_mean vs slug



Right In: 1220.562 ± 611.679 χ^2/NDF : 6.5/4

Left Out: 951.884 ± 482.337 χ^2/NDF : 5.7/9

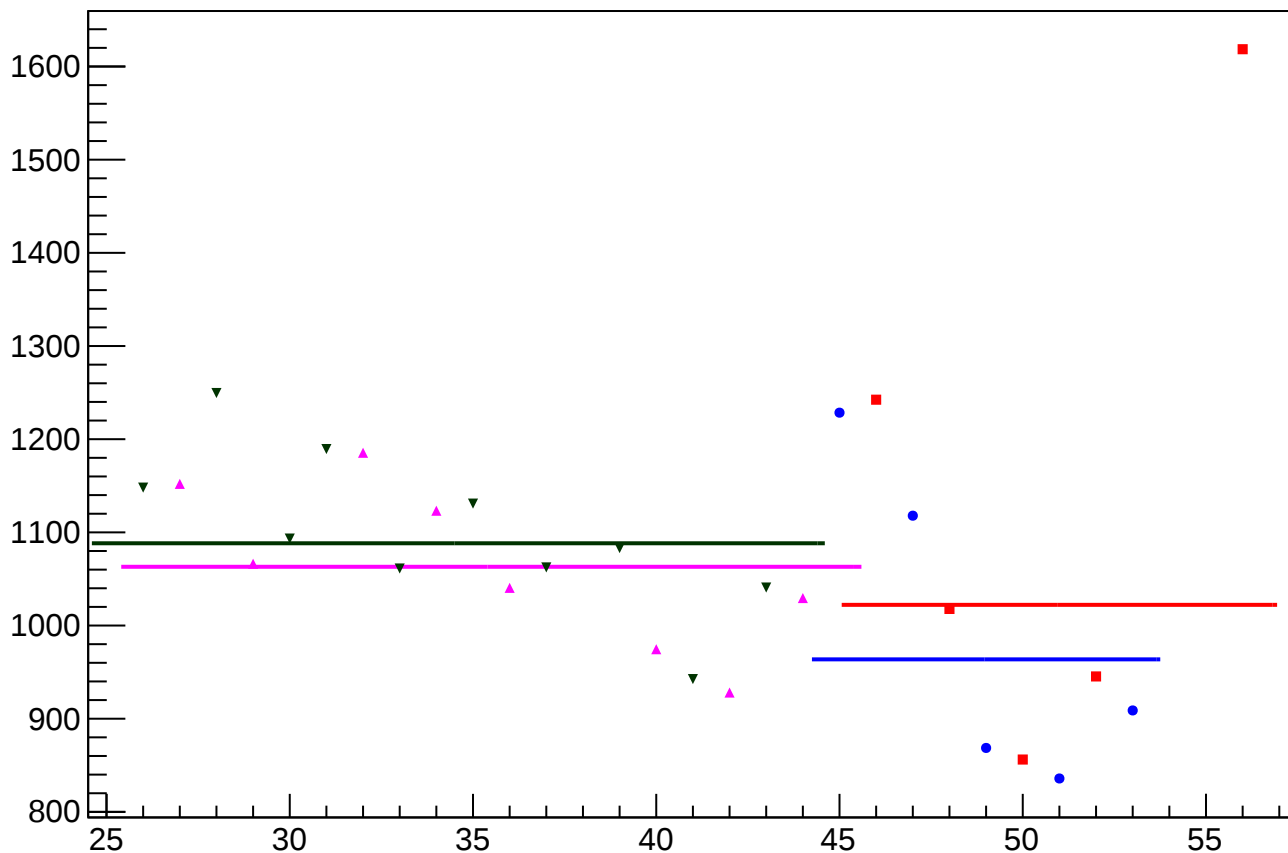
Right Out: -1158.257 ± 674.054 χ^2/NDF : 4.6/4

Left In: -150.701 ± 476.838 χ^2/NDF : 8.3/7

1054.896 ± 378.749 χ^2/NDF : 12.3/14

-486.750 ± 389.279 χ^2/NDF : 14.4/12

asym_atl1_rms vs slug



Right In: 963.696 ± 0.433 χ^2/NDF : 101974.8/4

Left Out: 1088.294 ± 0.341 χ^2/NDF : 64214.9/9

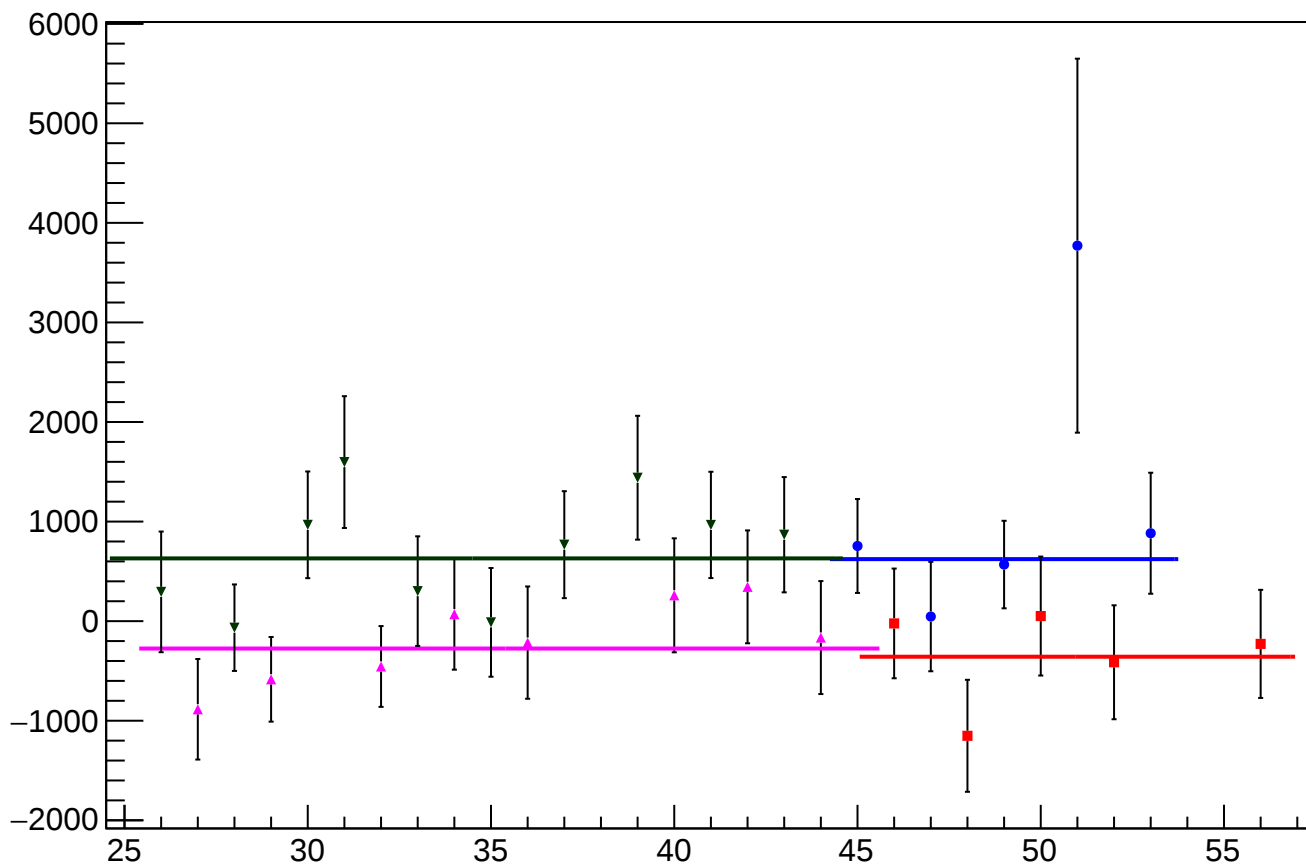
Right Out: 1022.206 ± 0.477 χ^2/NDF : 203345.1/4

Left In: 1063.060 ± 0.337 χ^2/NDF : 62842.0/7

1040.523 ± 0.268 χ^2/NDF : 217358.9/14

1049.434 ± 0.275 χ^2/NDF : 271083.6/12

reg_asym_atl2_mean vs slug



Right In: 622.877 $\pm$ 250.159 χ^2/NDF : 4.2/4

Left Out: 630.254 $\pm$ 174.091 χ^2/NDF : 9.5/9

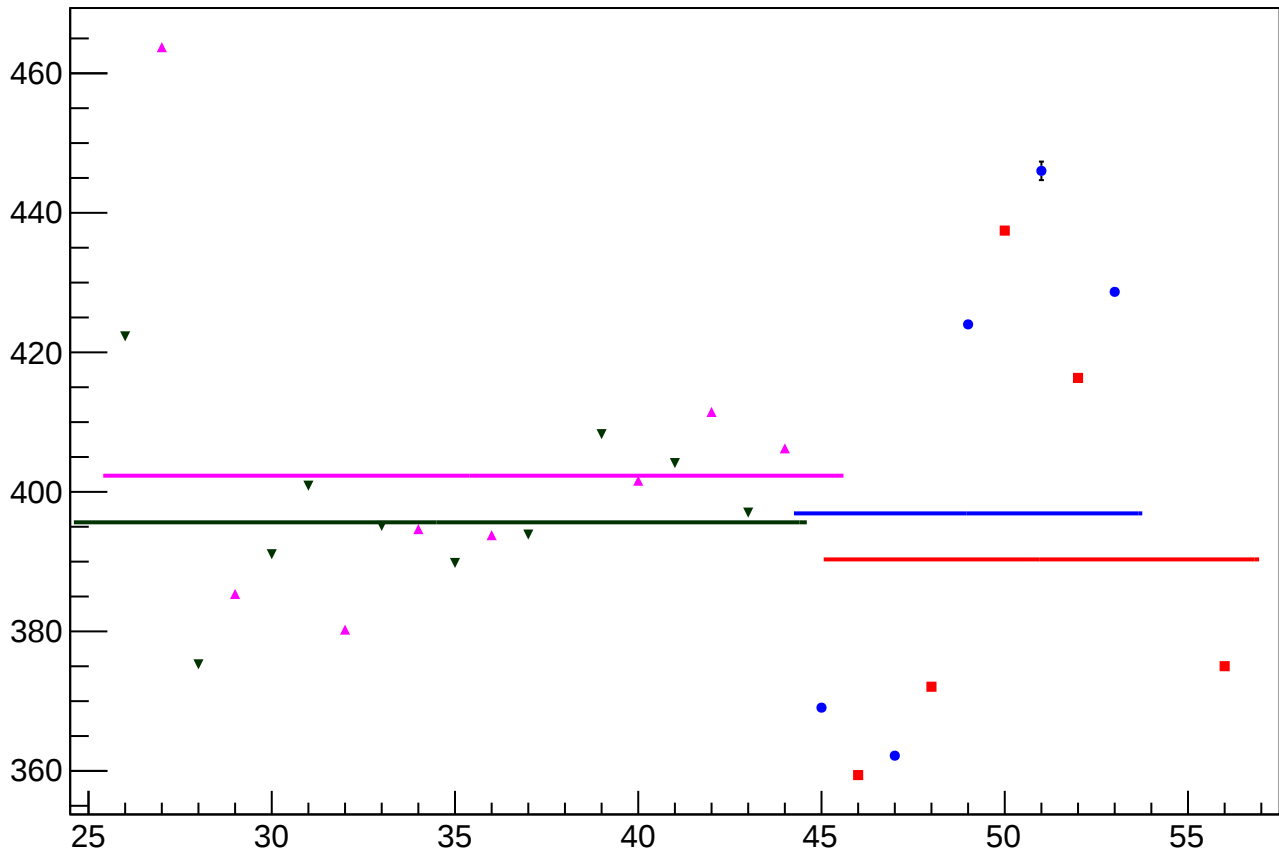
Right Out: -357.120 $\pm$ 252.306 χ^2/NDF : 2.9/4

Left In: -274.945 $\pm$ 179.112 χ^2/NDF : 4.7/7

627.847 $\pm$ 142.894 χ^2/NDF : 13.7/14

-302.481 $\pm$ 146.052 χ^2/NDF : 7.7/12

reg_asym_atl2_rms vs slug



Right In: 396.917+/-0.177 χ^2/NDF : 29397.1/4

Left Out: 395.636+/-0.123 χ^2/NDF : 10131.9/9

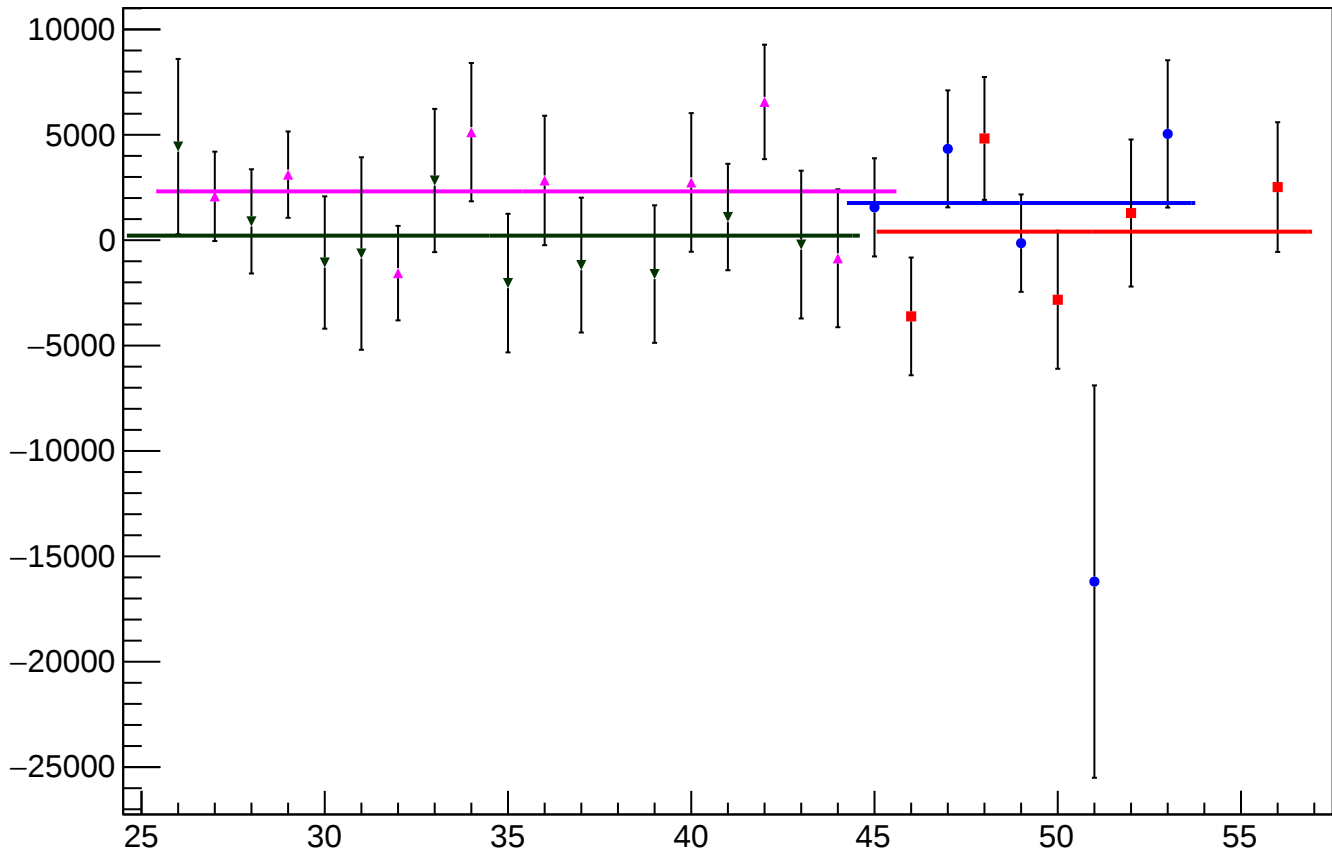
Right Out: 390.320+/-0.178 χ^2/NDF : 26582.5/4

Left In: 402.320+/-0.127 χ^2/NDF : 40146.8/7

396.054+/-0.101 χ^2/NDF : 39564.3/14

398.299+/-0.103 χ^2/NDF : 69737.5/12

asym_atl2_correction_mean vs slug



Right In: 1764.468 ± 1296.539 $\chi^2/\text{NDF}: 6.1/4$

Left Out: 216.258 ± 1010.244 $\chi^2/\text{NDF}: 3.0/9$

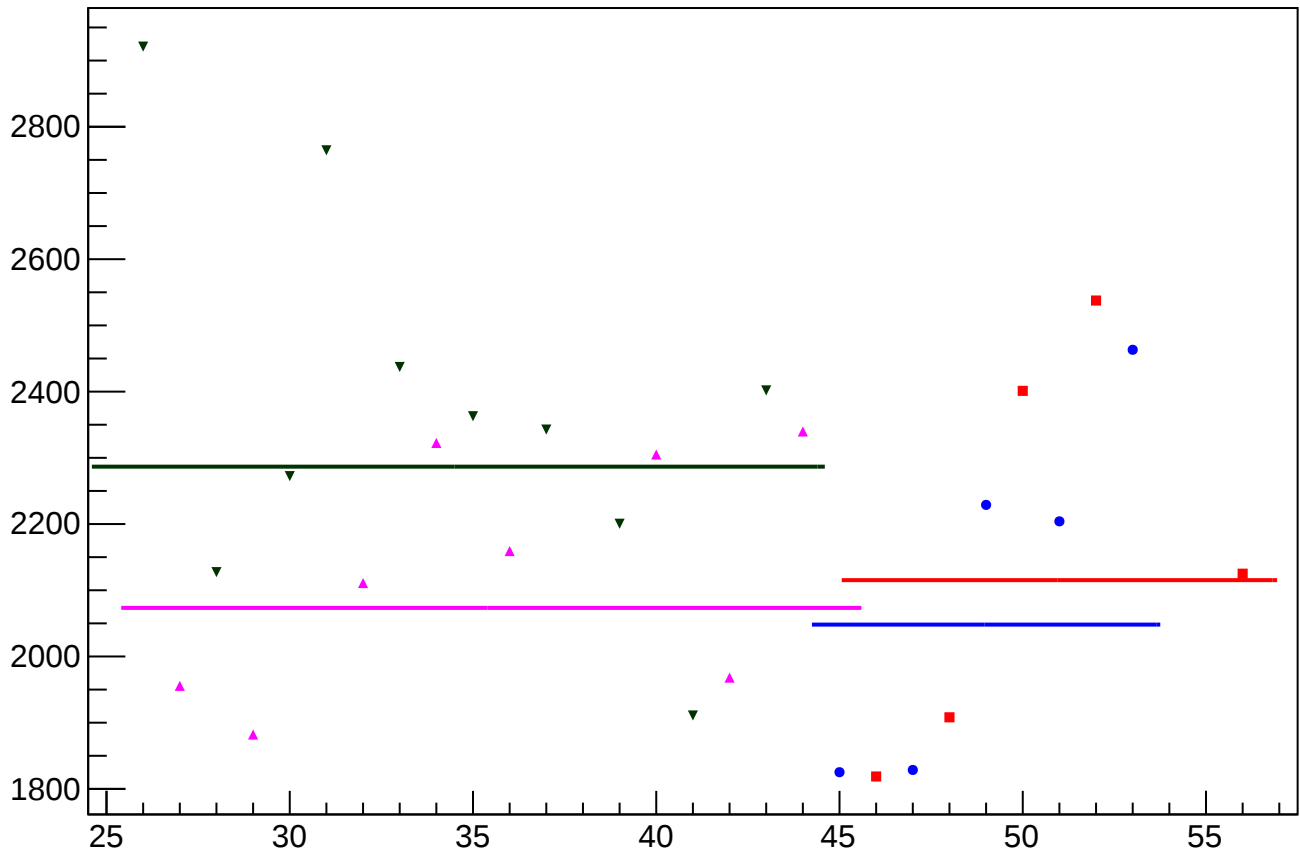
Right Out: 404.424 ± 1377.624 $\chi^2/\text{NDF}: 5.9/4$

Left In: 2315.339 ± 920.569 $\chi^2/\text{NDF}: 7.3/7$

801.129 ± 796.894 $\chi^2/\text{NDF}: 10.0/14$

1725.457 ± 765.407 $\chi^2/\text{NDF}: 14.5/12$

asym_atl2_correction_rms vs slug



Right In: 2048.139+/-0.917 χ^2/NDF : 71852.8/4

Left Out: 2286.677+/-0.714 χ^2/NDF :130336.9/9

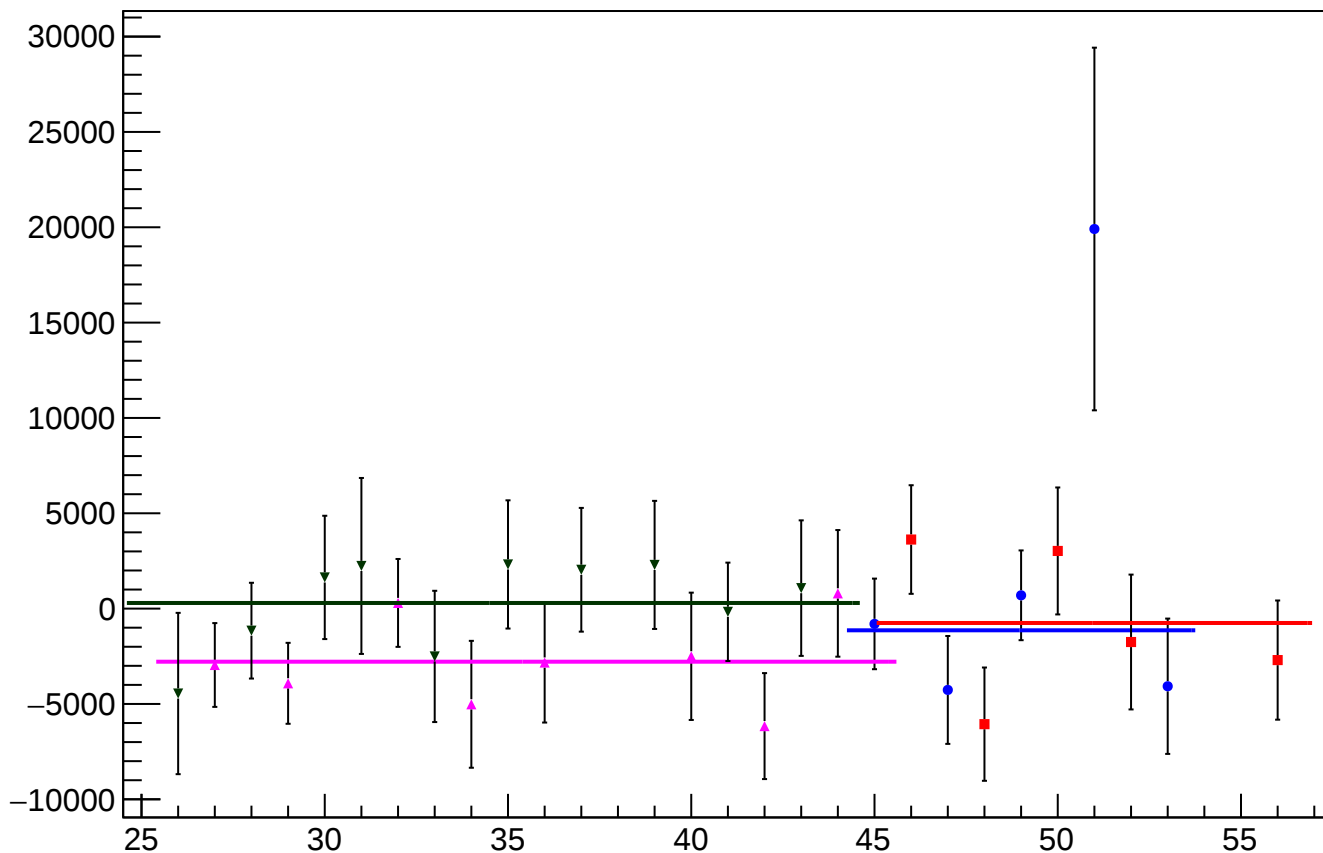
2196.564+/-0.563 χ^2/NDF : 244313.1/14

Right Out: 2115.280+/-0.974 χ^2/NDF : 77216.5/4

2086.319+/-0.541 χ^2/NDF : 141952.4/12

Left In: 2073.386+/-0.651 χ^2/NDF :63457.3/7

asym_atl2_mean vs slug



Right In: -1137.572+/-1321.002 χ^2 /NDF: 7.4/4

Left Out: 296.079+/-1029.874 χ^2 /NDF: 3.7/9

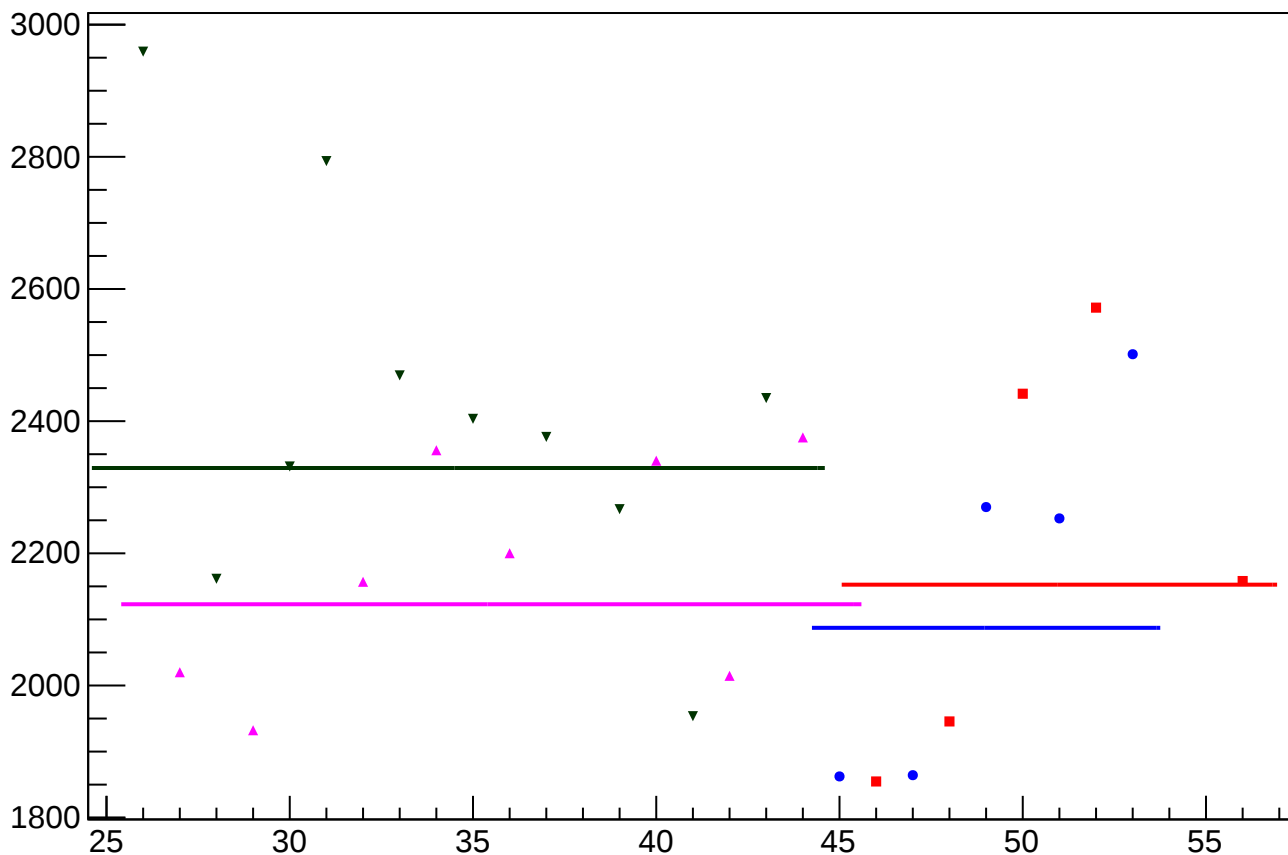
Right Out: -753.420+/-1401.355 χ^2 /NDF: 7.3/4

Left In: -2784.125+/-945.556 χ^2 /NDF: 5.2/7

-245.887+/-812.209 χ^2 /NDF: 11.9/14

-2148.826+/-783.816 χ^2 /NDF: 13.9/12

asym_atl2_rms vs slug



Right In: 2087.280+/-0.934 χ^2/NDF : 70228.5/4

Left Out: 2329.125+/-0.728 χ^2/NDF :123081.1/9

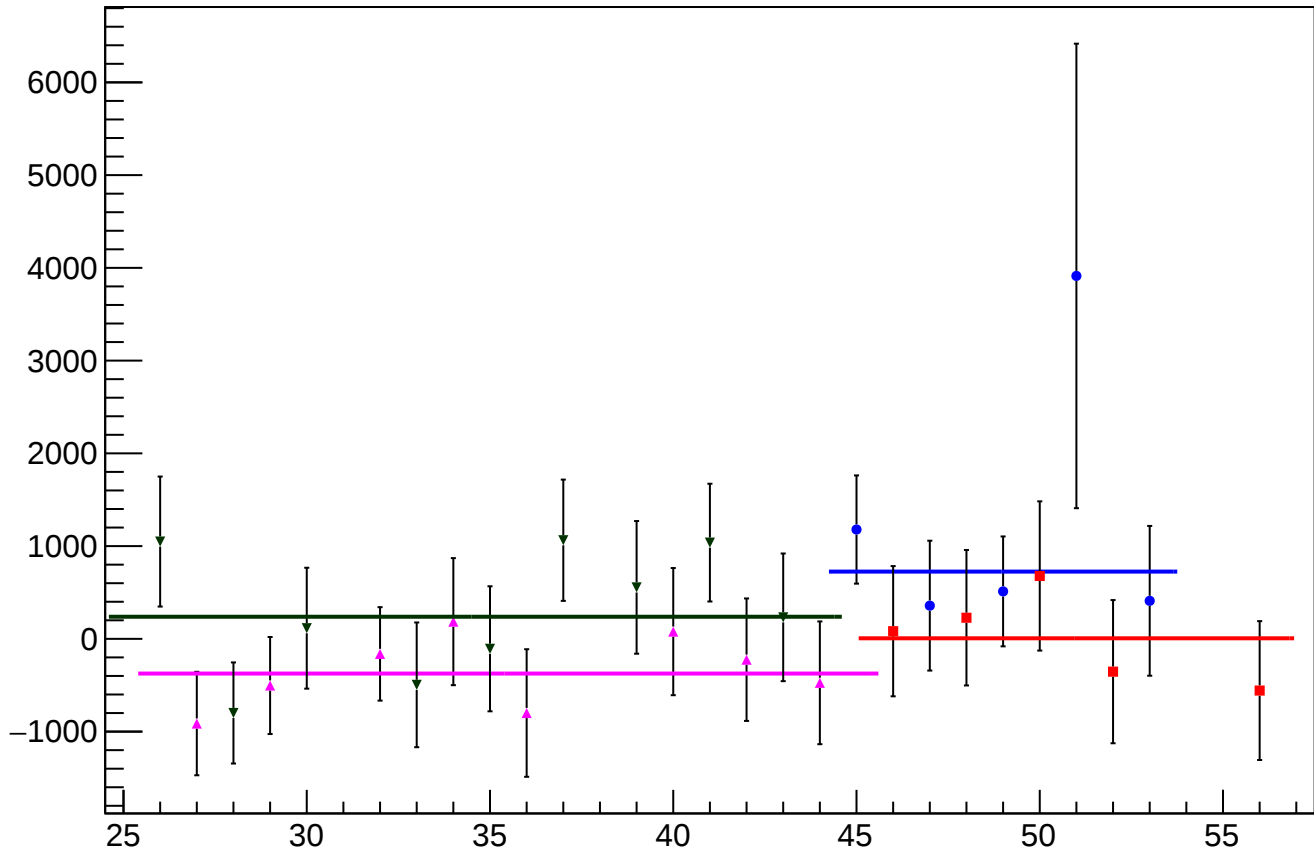
Right Out: 2152.579+/-0.991 χ^2/NDF : 74761.7/4

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2237.700+/-0.574 χ^2/NDF : 235002.6/14

2132.215+/-0.554 χ^2/NDF : 130413.4/12

reg_asym_atr1_mean vs slug



Right In: 725.183+/-324.080 χ^2/NDF : 2.8/4

Left Out: 238.372+/-217.936 χ^2/NDF : 9.8/8

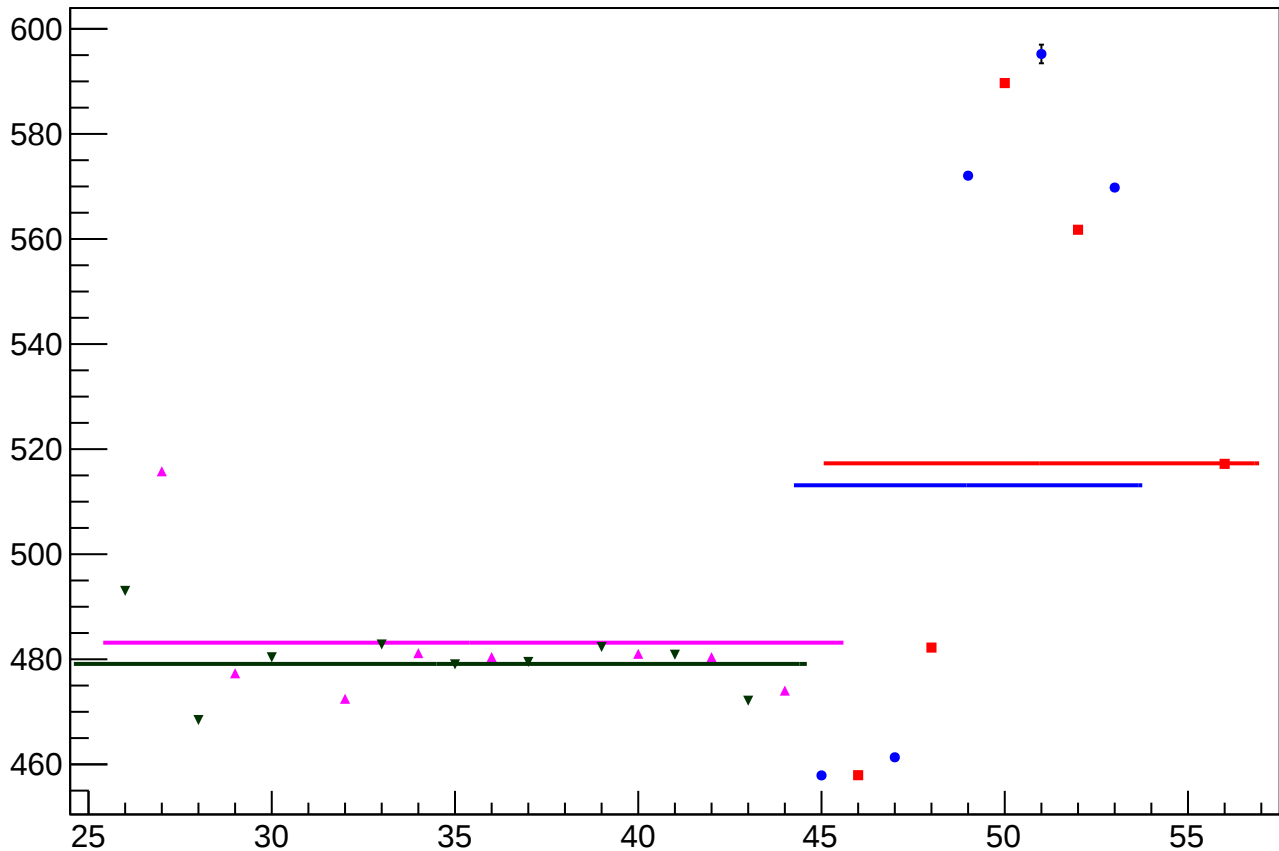
Right Out: 5.982+/-334.967 χ^2/NDF : 1.6/4

Left In: -374.119+/-214.392 χ^2/NDF : 2.7/7

389.966+/-180.847 χ^2/NDF : 14.2/13

-263.661+/-180.573 χ^2/NDF : 5.2/12

reg_asym_atr1_rms vs slug



Right In: 513.121 ± 0.229 χ^2/NDF : 60655.0/4

Left Out: 479.120 ± 0.154 χ^2/NDF : 1886.5/8

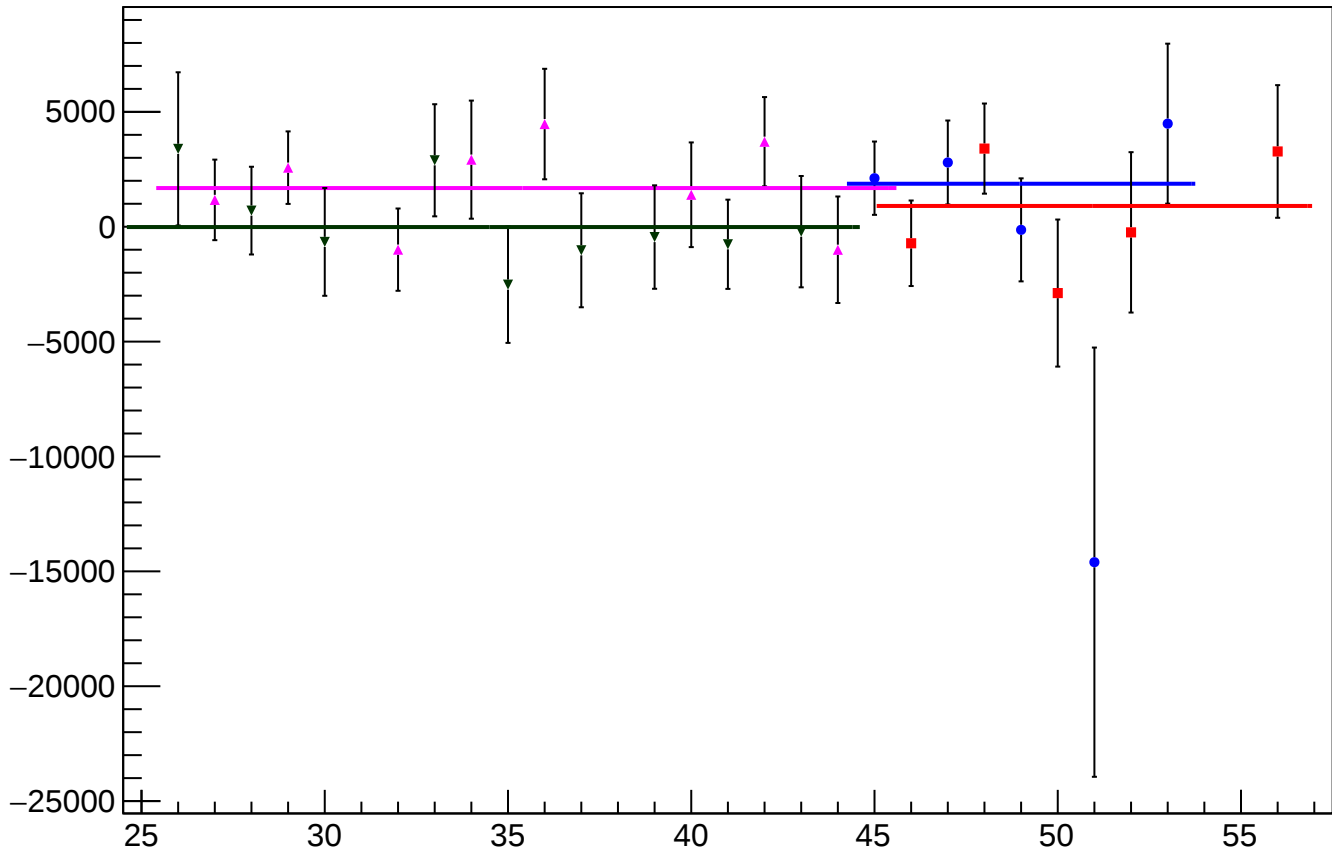
Right Out: 517.299 ± 0.237 χ^2/NDF : 41735.0/4

Left In: 483.160 ± 0.152 χ^2/NDF : 8470.0/7

489.708 ± 0.128 χ^2/NDF : 77701.3/13

493.081 ± 0.128 χ^2/NDF : 64942.2/12

asym_atr1_correction_mean vs slug



Right In: 1871.684 $\pm$ 1007.383 χ^2 /NDF: 4.8/4

Left Out: -13.564 $\pm$ 775.077 χ^2 /NDF: 4.0/8

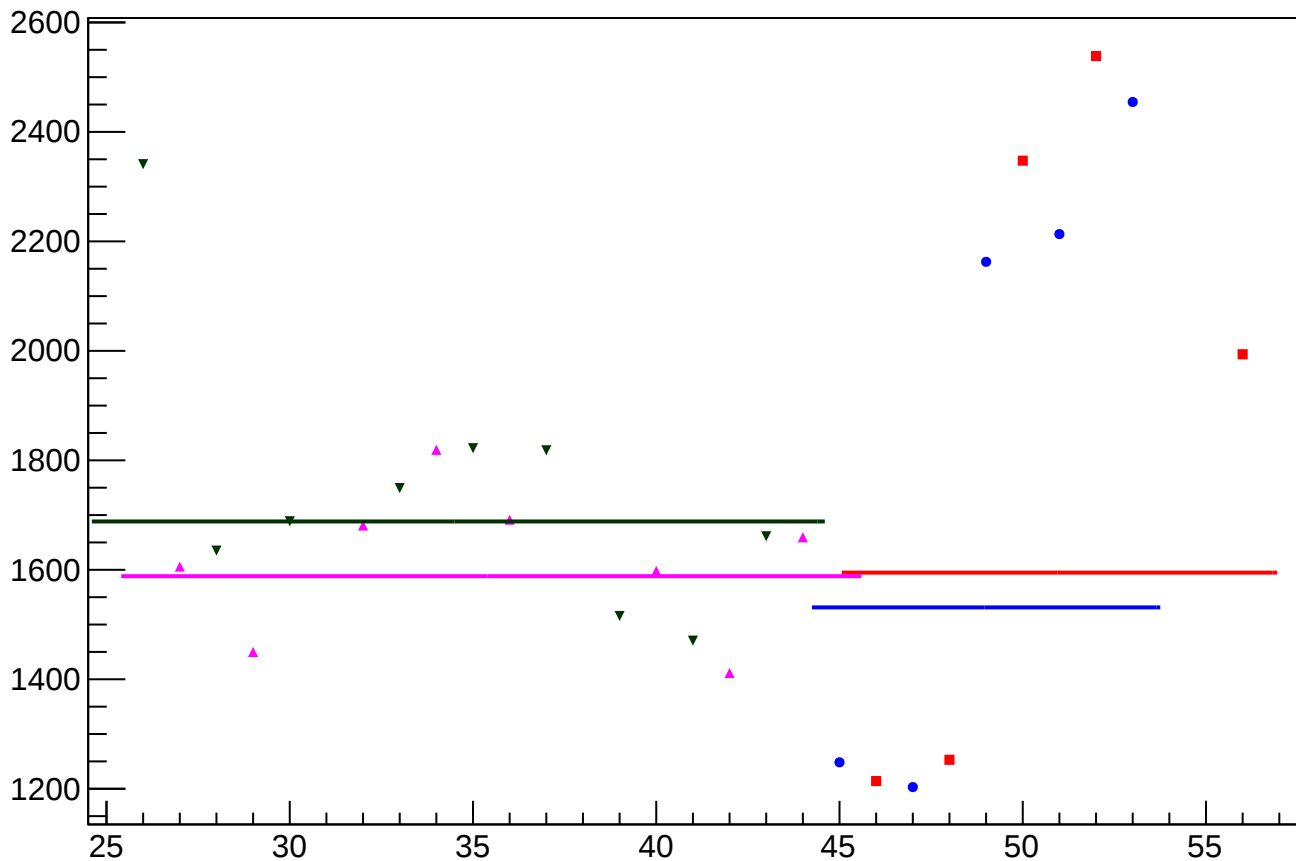
Right Out: 904.729 $\pm$ 1085.765 χ^2 /NDF: 4.6/4

Left In: 1683.939 $\pm$ 705.940 χ^2 /NDF: 6.7/7

687.461 $\pm$ 614.295 χ^2 /NDF: 11.0/13

1452.416 $\pm$ 591.843 χ^2 /NDF: 11.6/12

asym_atr1_correction_rms vs slug



Right In: 1531.328+/-0.712 χ^2/NDF : 437425.9/4

Left Out: 1688.324+/-0.548 χ^2/NDF :127706.3/8

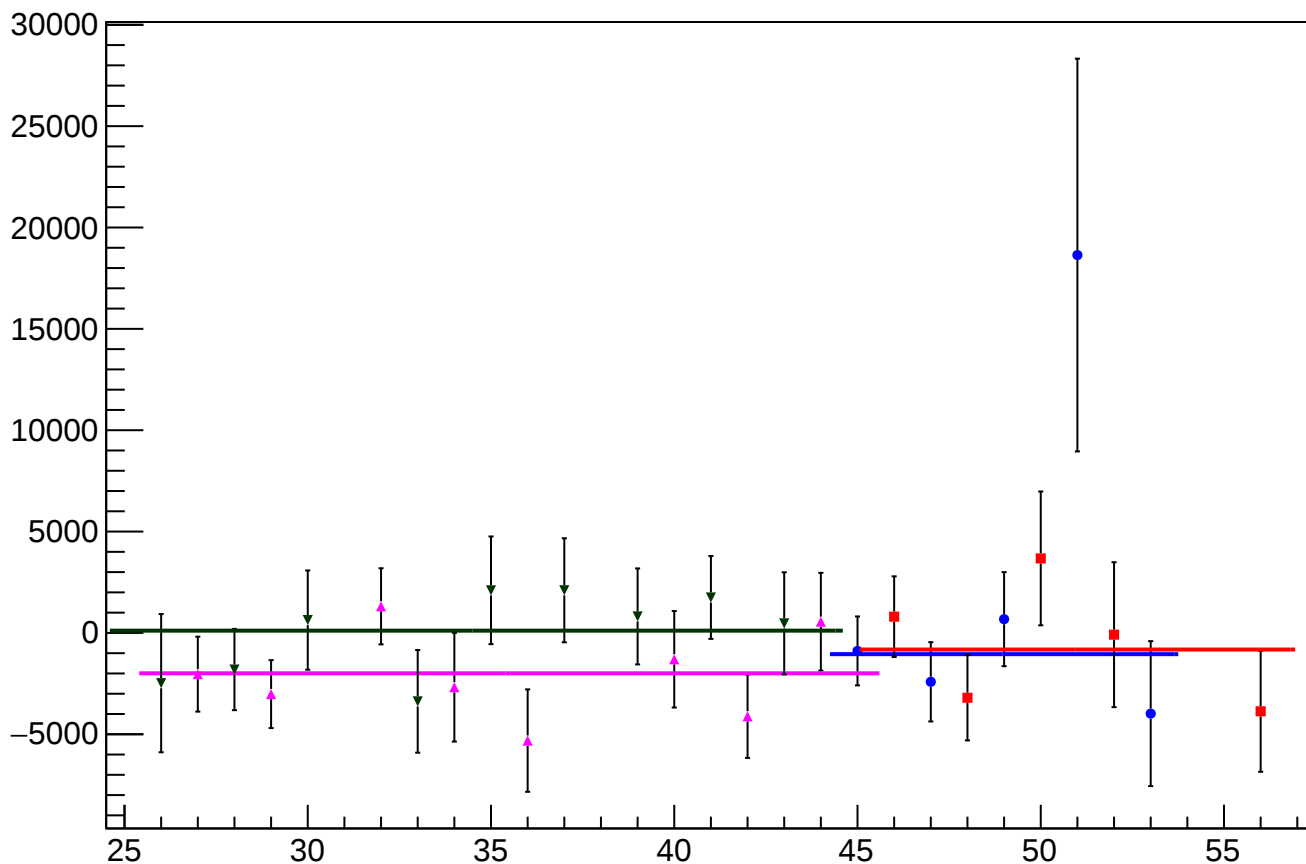
1629.946+/-0.434 χ^2/NDF : 595645.0/13

Right Out: 1594.858+/-0.768 χ^2/NDF : 439470.3/4

1590.313+/-0.418 χ^2/NDF : 498747.9/12

Left In: 1588.391+/-0.499 χ^2/NDF :59227.6/7

asym_atr1_mean vs slug



Right In: -1048.163 ± 1064.957 χ^2/NDF : 5.9/4

Left Out: 112.152 ± 809.295 χ^2/NDF : 5.4/8

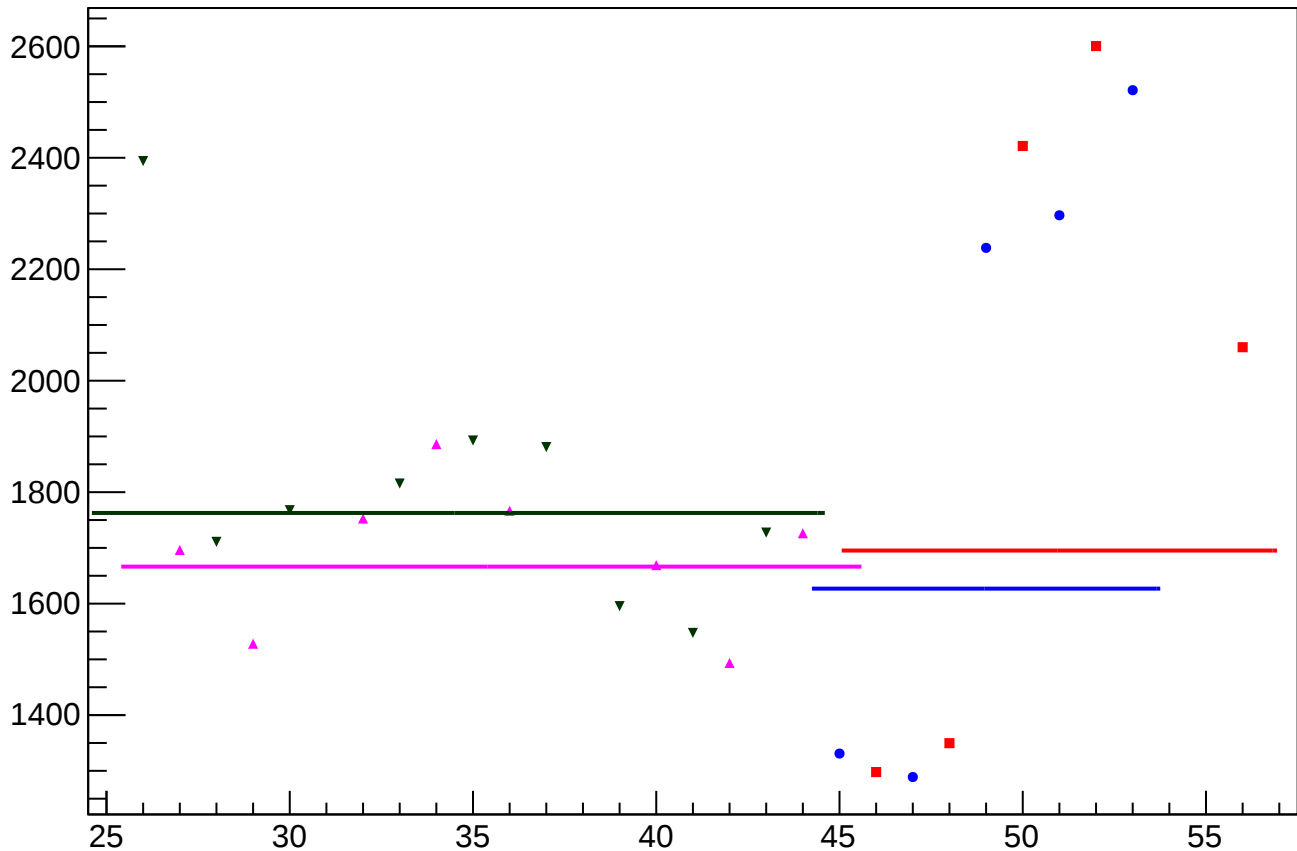
Right Out: -819.334 ± 1146.554 χ^2/NDF : 4.9/4

Left In: -1991.664 ± 742.563 χ^2/NDF : 7.5/7

-312.621 ± 644.351 χ^2/NDF : 12.0/13

-1645.240 ± 623.266 χ^2/NDF : 13.1/12

asym_atr1_rms vs slug



Right In: 1626.931+/-0.753 χ^2/NDF : 393875.0/4

Left Out: 1762.716+/-0.572 χ^2/NDF :112433.4/8

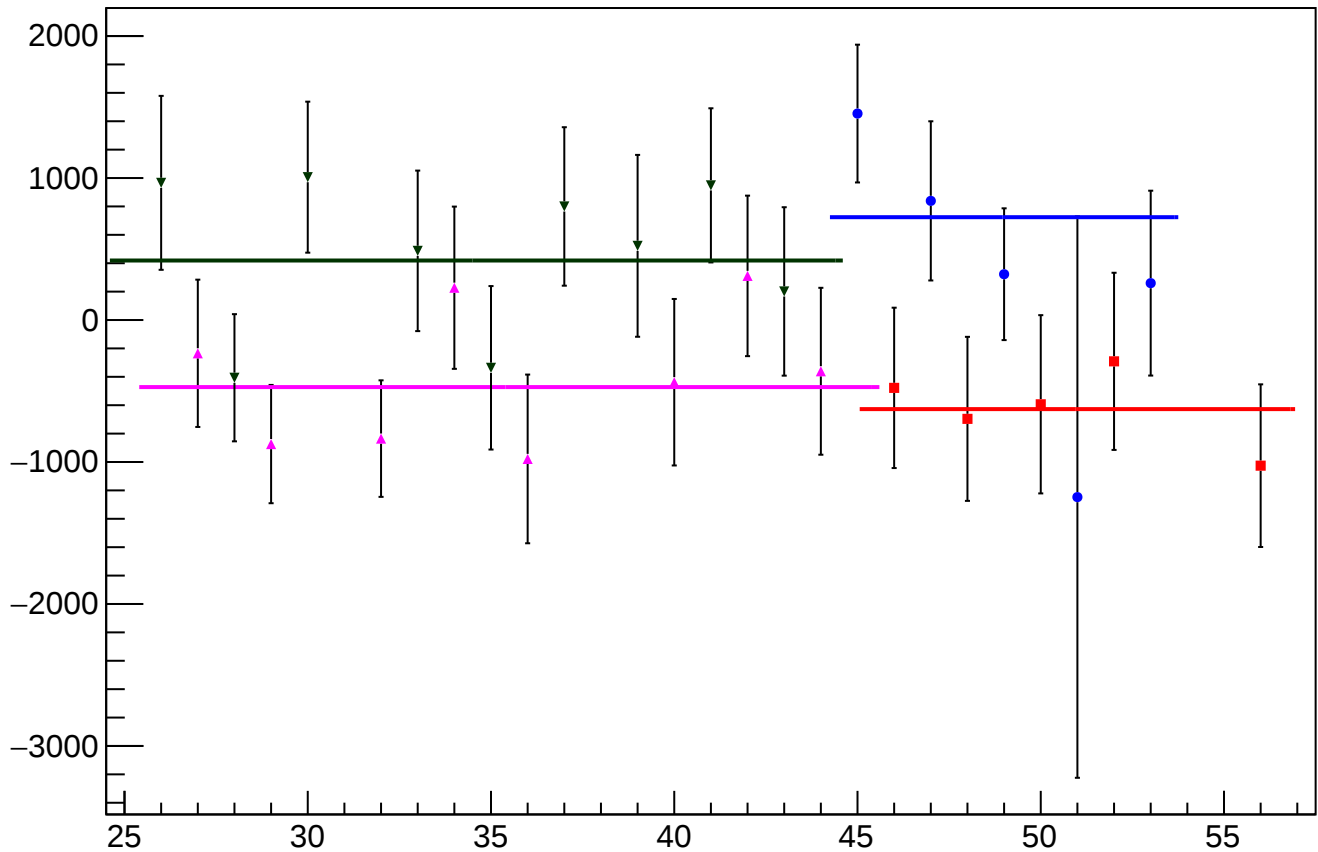
Right Out: 1695.280+/-0.811 χ^2/NDF : 388567.2/4

Left In: 1666.436+/-0.525 χ^2/NDF :50358.5/7

1713.007+/-0.456 χ^2/NDF : 526919.4/13

1674.960+/-0.441 χ^2/NDF : 439817.5/12

reg_asym_atr2_mean vs slug



Right In: 724.237 $\pm$ 260.921 χ^2/NDF : 4.6/4

Left Out: 419.150 $\pm$ 185.000 χ^2/NDF : 8.7/8

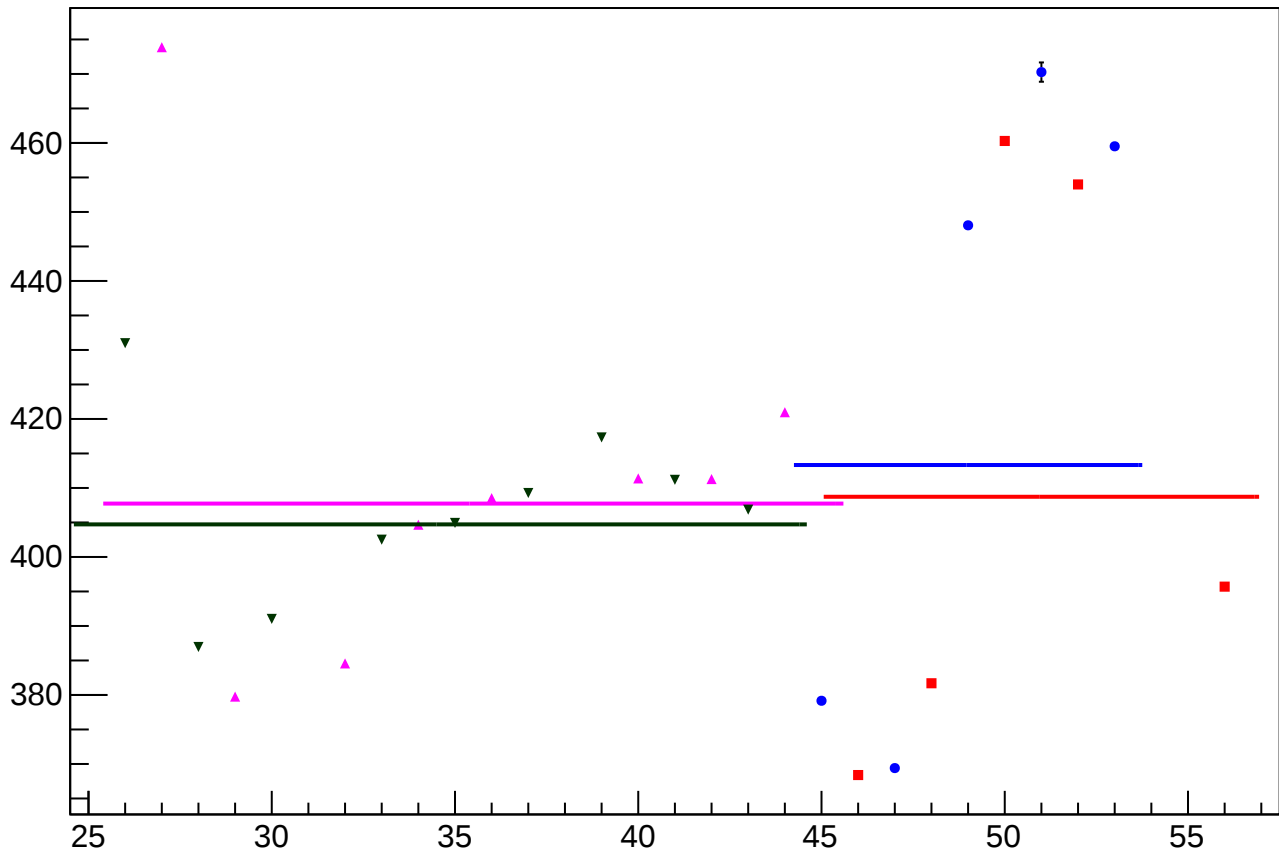
Right Out: -627.495 $\pm$ 264.556 χ^2/NDF : 0.9/4

Left In: -472.383 $\pm$ 181.829 χ^2/NDF : 6.1/7

521.214 $\pm$ 150.915 χ^2/NDF : 14.2/13

-522.148 $\pm$ 149.849 χ^2/NDF : 7.2/12

reg_asym_atr2_rms vs slug



Right In: 413.327 ± 0.184 χ^2/NDF : 45128.0/4

Left Out: 404.722 ± 0.131 χ^2/NDF : 9396.7/8

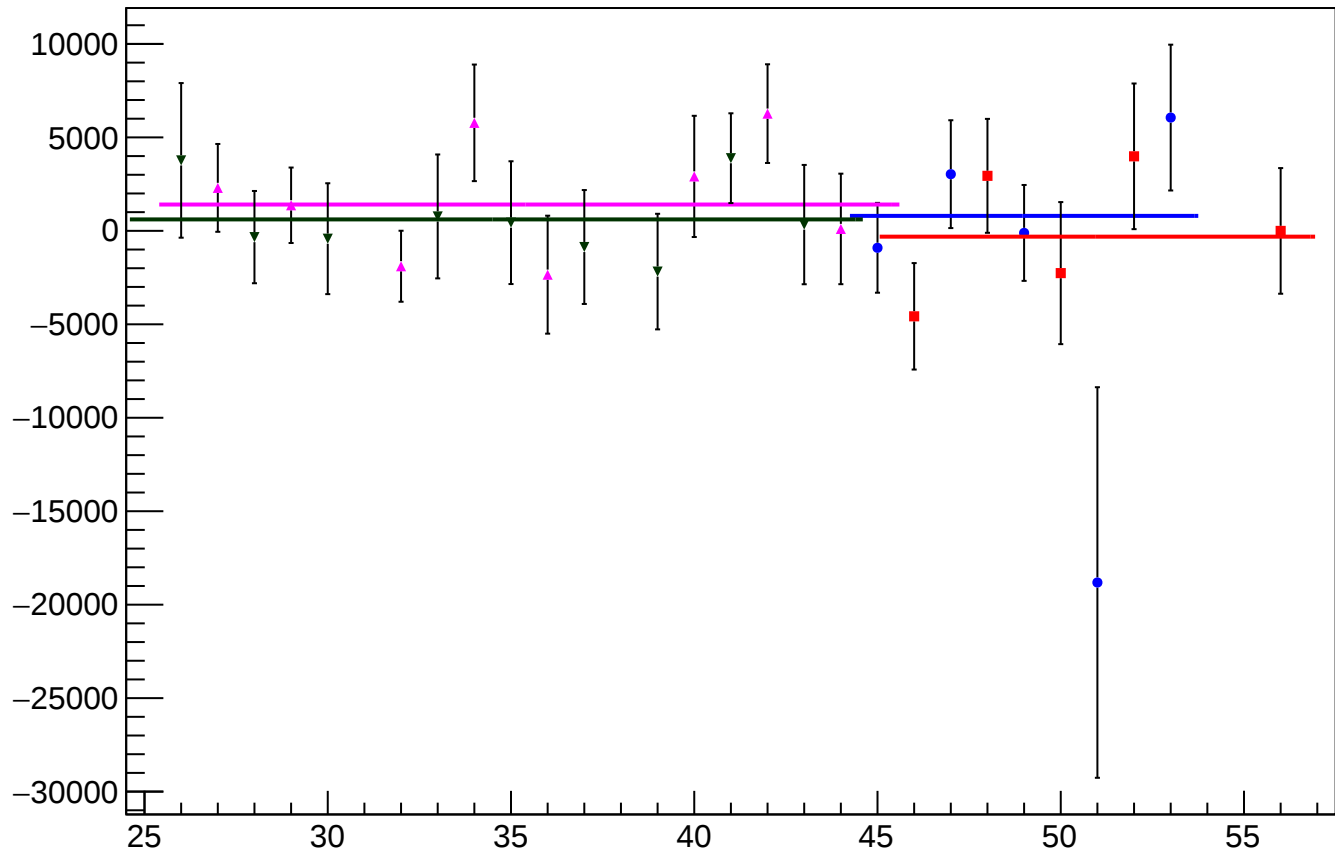
Right Out: 408.725 ± 0.187 χ^2/NDF : 39637.2/4

Left In: 407.737 ± 0.129 χ^2/NDF : 49136.5/7

407.600 ± 0.107 χ^2/NDF : 55972.1/13

408.054 ± 0.106 χ^2/NDF : 88792.7/12

asym_atr2_correction_mean vs slug



Right In: 800.829+/-1386.414 χ^2/NDF : 6.6/4

Left Out: 611.983+/-998.079 χ^2/NDF : 3.8/8

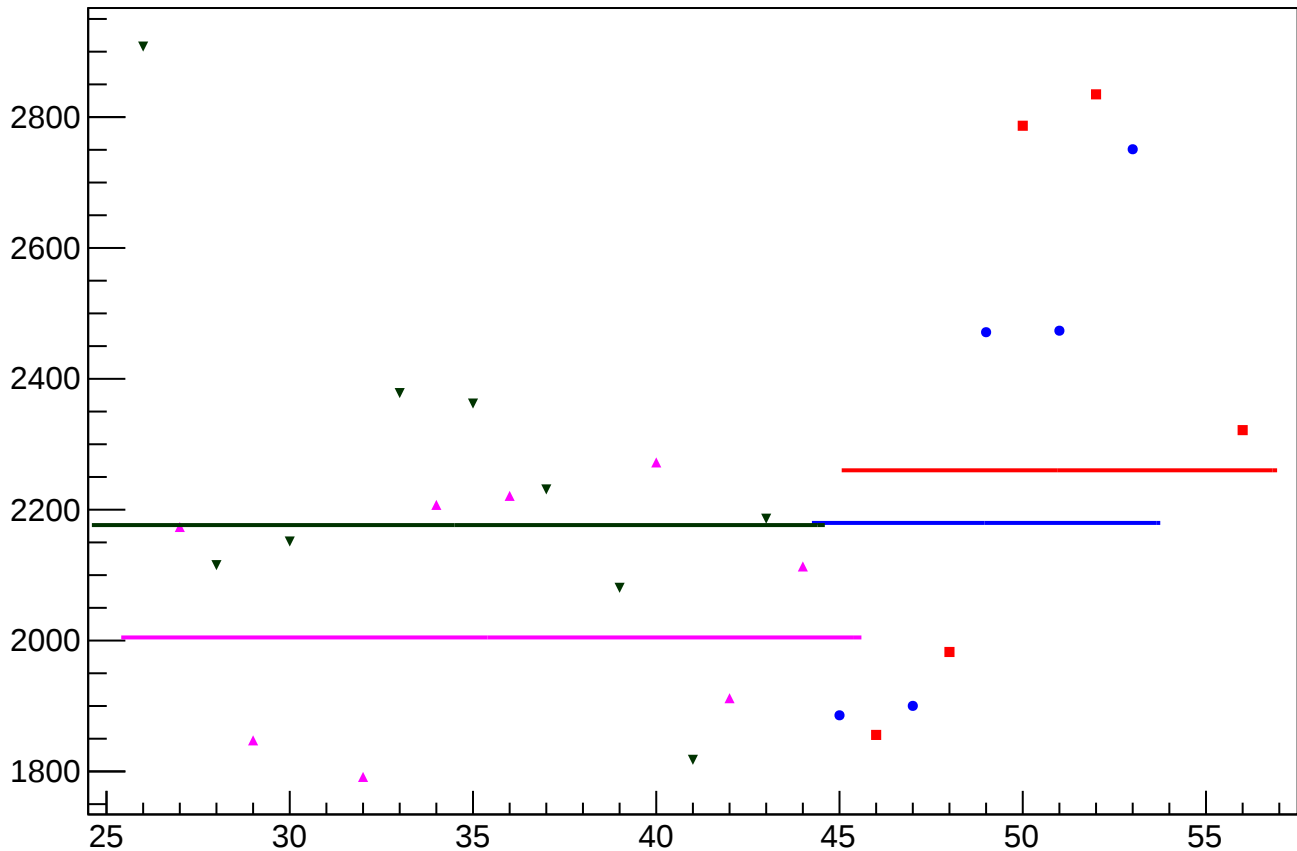
Right Out: -310.631+/-1483.161 χ^2/NDF : 4.9/4

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

676.446+/-810.014 χ^2/NDF : 10.4/13

952.377+/-763.701 χ^2/NDF : 16.2/12

asym_atr2_correction_rms vs slug



Right In: 2179.798+/-0.980 χ^2/NDF : 119012.7/4

Left Out: 2176.497+/-0.706 χ^2/NDF : 124899.3/8

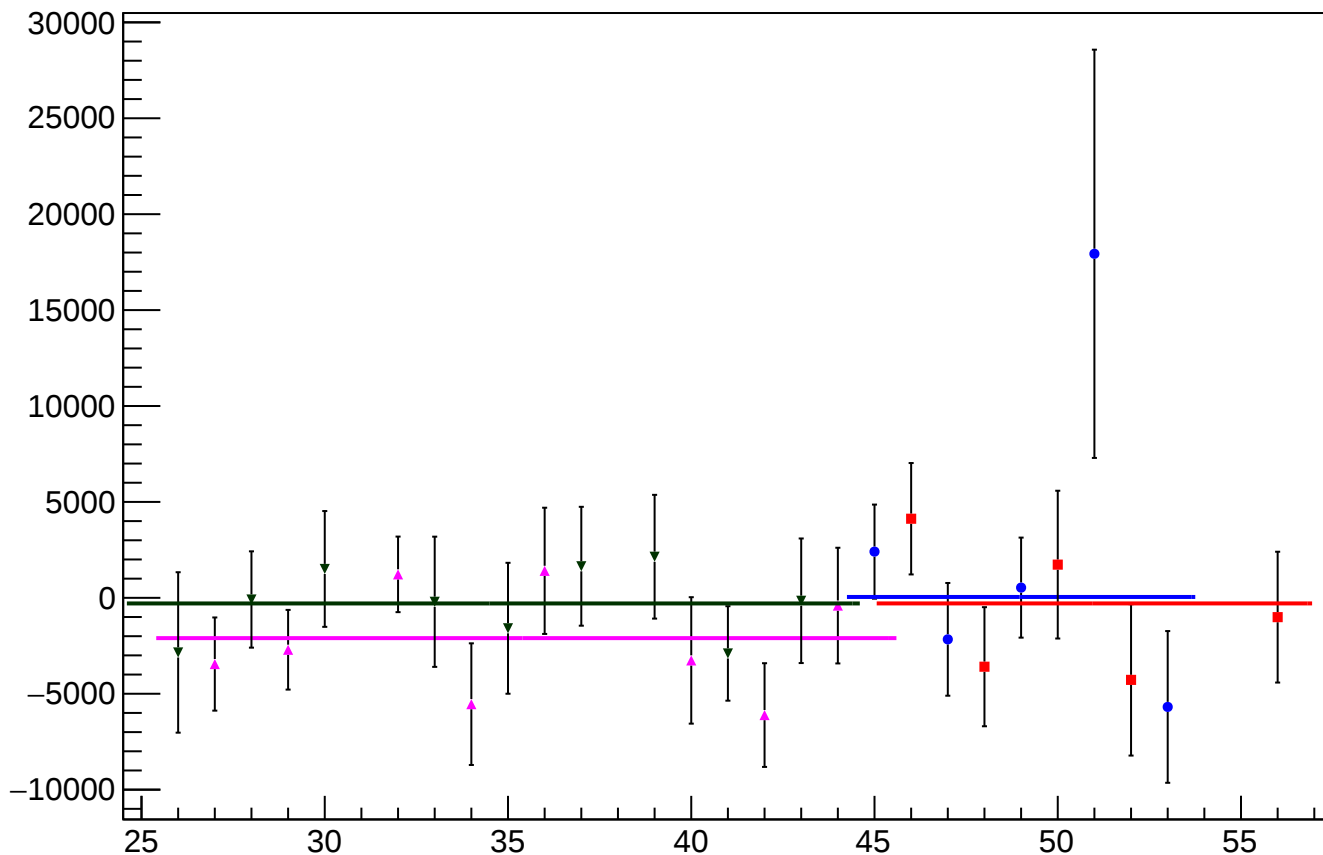
2177.624+/-0.573 χ^2/NDF : 243919.4/13

Right Out: 2260.192+/-1.049 χ^2/NDF : 139503.8/4

2072.480+/-0.540 χ^2/NDF : 267376.8/12

Left In: 2004.754+/-0.630 χ^2/NDF : 84278.5/7

asym_atr2_mean vs slug



Right In: 45.548 ± 1411.602 χ^2/NDF : 6.5/4

Left Out: -292.554 ± 1021.514 χ^2/NDF : 3.0/8

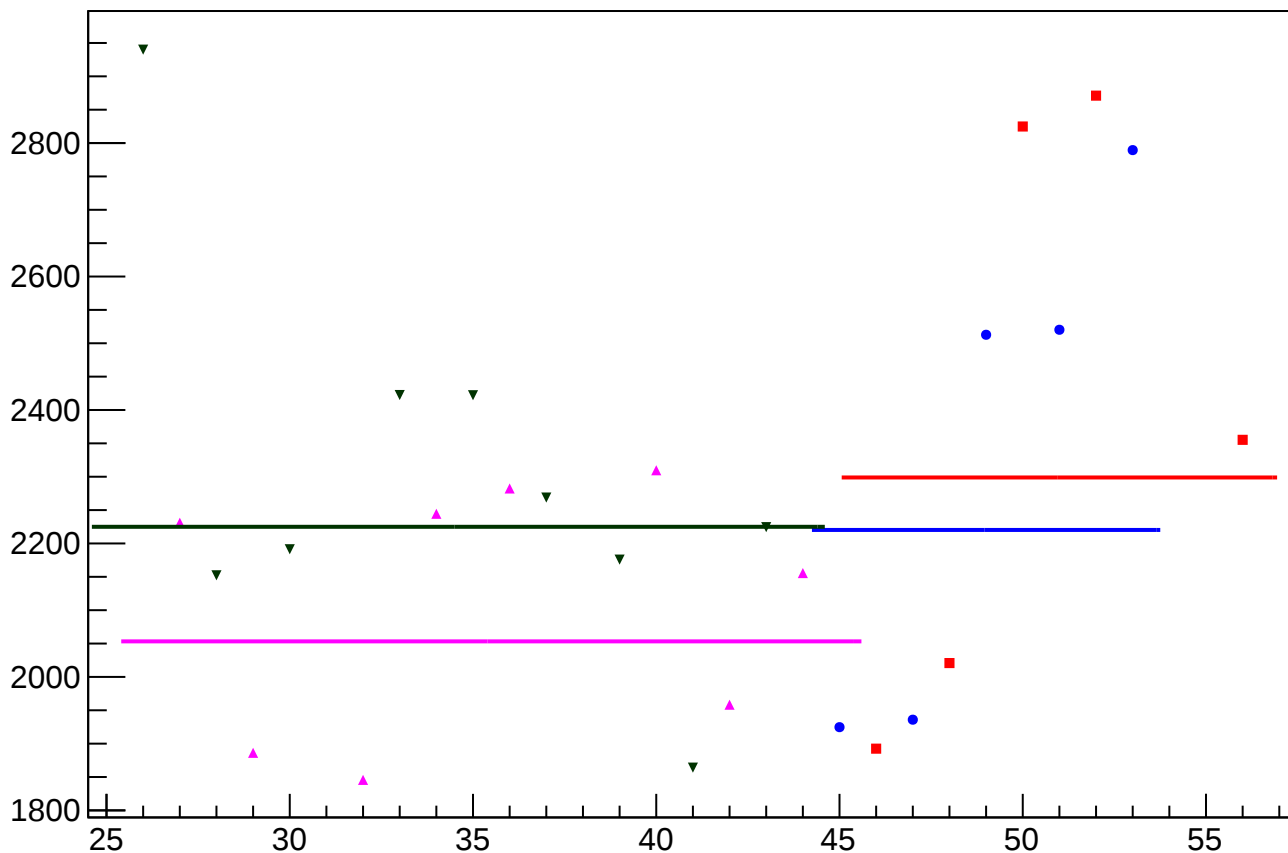
Right Out: -291.321 ± 1507.619 χ^2/NDF : 4.8/4

Left In: -2100.632 ± 916.751 χ^2/NDF : 8.2/7

-176.350 ± 827.557 χ^2/NDF : 9.5/13

-1612.218 ± 783.302 χ^2/NDF : 14.0/12

asym_atr2_rms vs slug



Right In: 2220.239+/-0.998 χ^2/NDF : 115943.3/4

Left Out: 2224.962+/-0.722 χ^2/NDF :117664.9/8

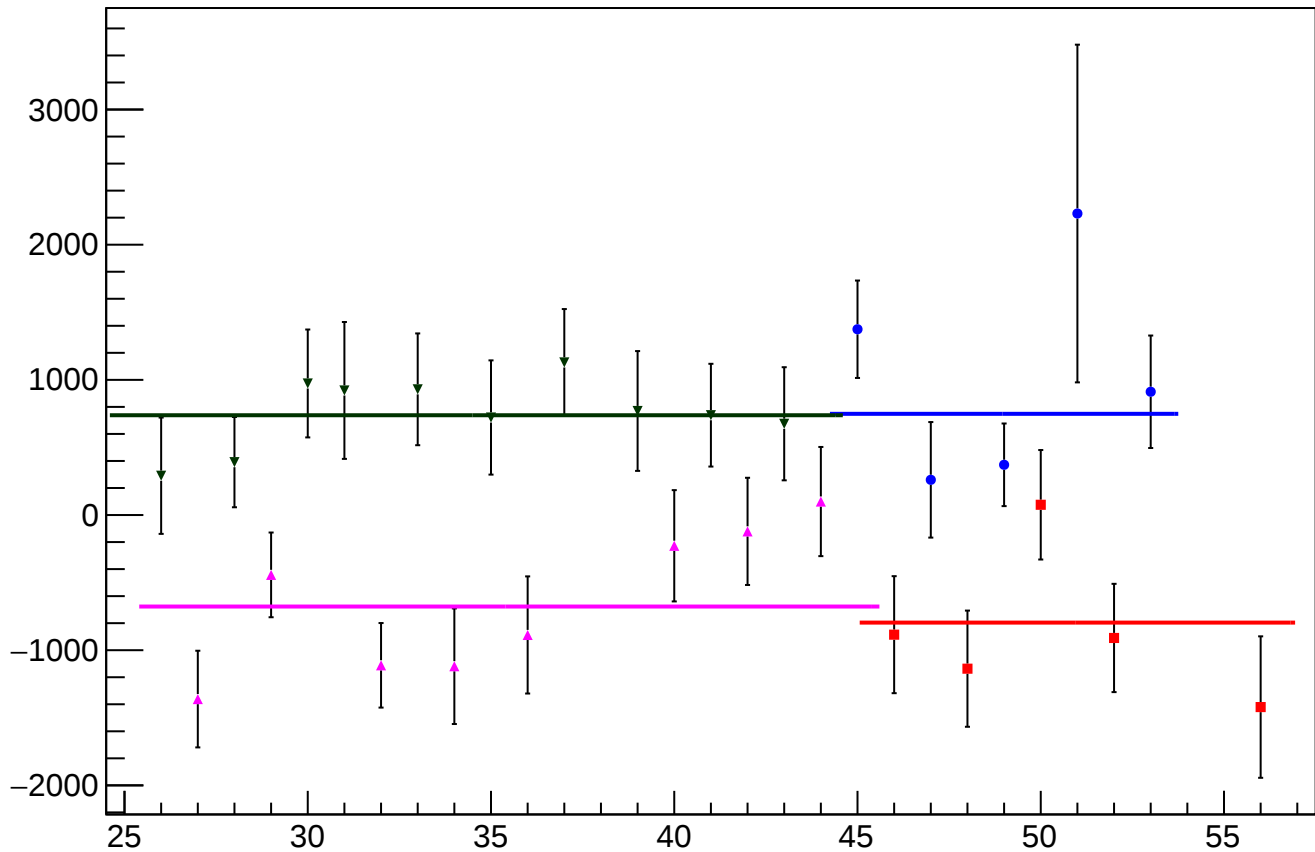
Right Out: 2298.875+/-1.066 χ^2/NDF : 135111.9/4

Left In: 2053.263+/-0.648 χ^2/NDF :79708.2/7

2223.339+/-0.585 χ^2/NDF : 233622.9/13

2119.565+/-0.554 χ^2/NDF : 253572.9/12

reg_asym_atl_avg_mean vs slug



Right In: 748.760 ± 181.668 χ^2/NDF : 7.4/4

Left Out: 738.316 ± 128.954 χ^2/NDF : 3.9/9

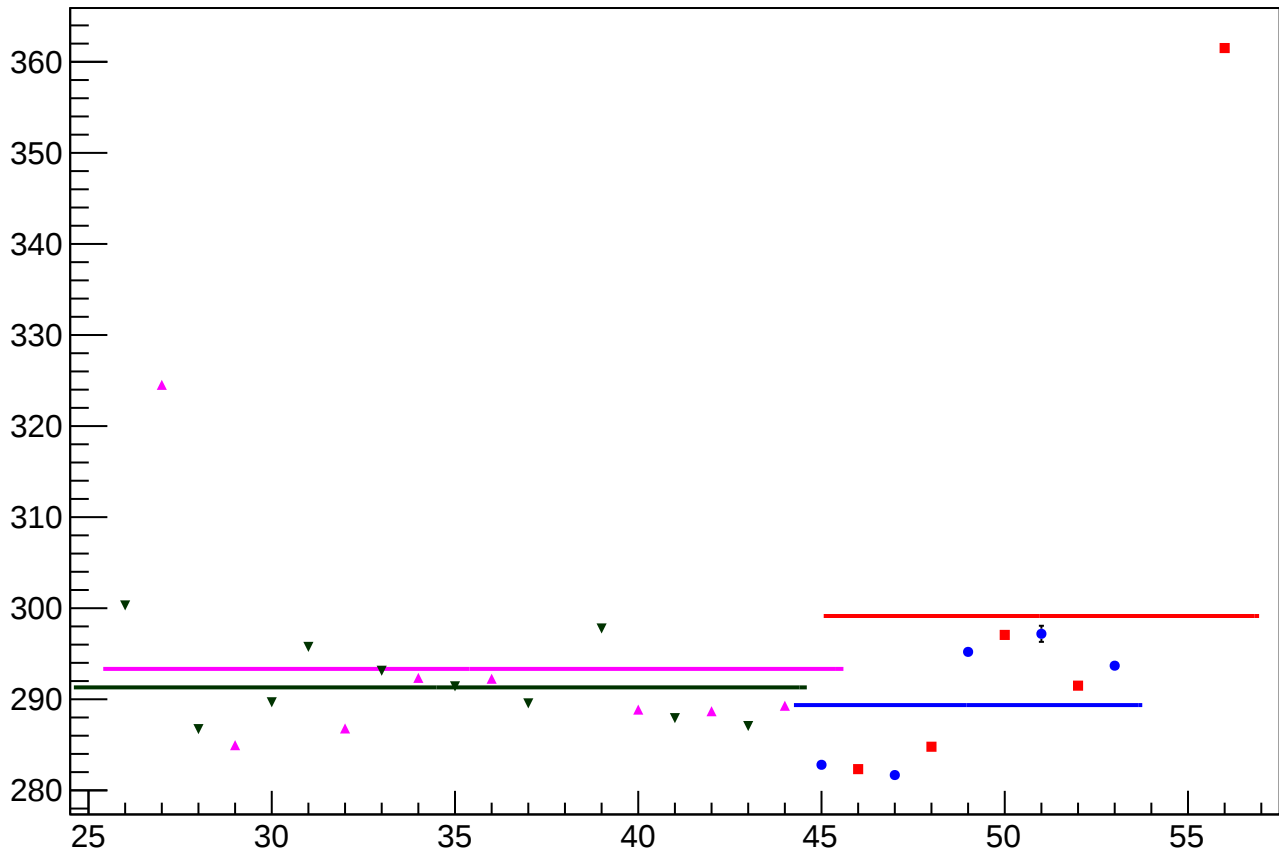
Right Out: -795.787 ± 193.414 χ^2/NDF : 6.8/4

Left In: -676.938 ± 131.978 χ^2/NDF : 14.3/7

741.815 ± 105.155 χ^2/NDF : 11.3/14

-714.696 ± 109.016 χ^2/NDF : 21.4/12

reg_asym_atl_avg_rms vs slug



Right In: 289.362+/-0.128 χ^2/NDF : 2334.4/4

Left Out: 291.305+/-0.091 χ^2/NDF : 2308.5/9

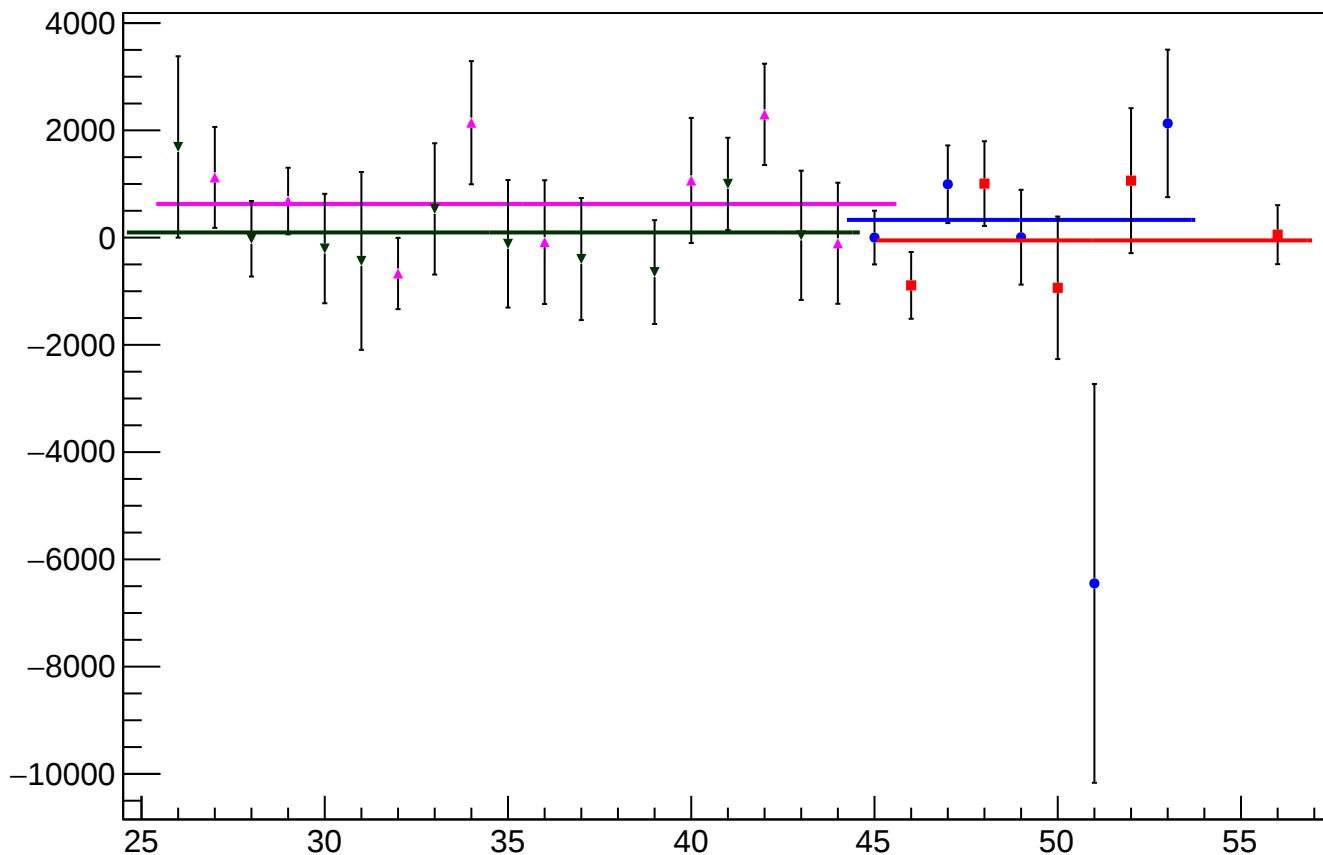
290.654+/-0.074 χ^2/NDF : 4795.0/14

Right Out: 299.145+/-0.137 χ^2/NDF : 34445.1/4

295.181+/-0.077 χ^2/NDF : 53932.0/12

Left In: 293.335+/-0.093 χ^2/NDF : 18255.8/7

asym_atl_avg_correction_mean vs slug



Right In: 330.233 ± 358.533 χ^2/NDF : 6.4/4

Left Out: 95.958 ± 334.285 χ^2/NDF : 3.2/9

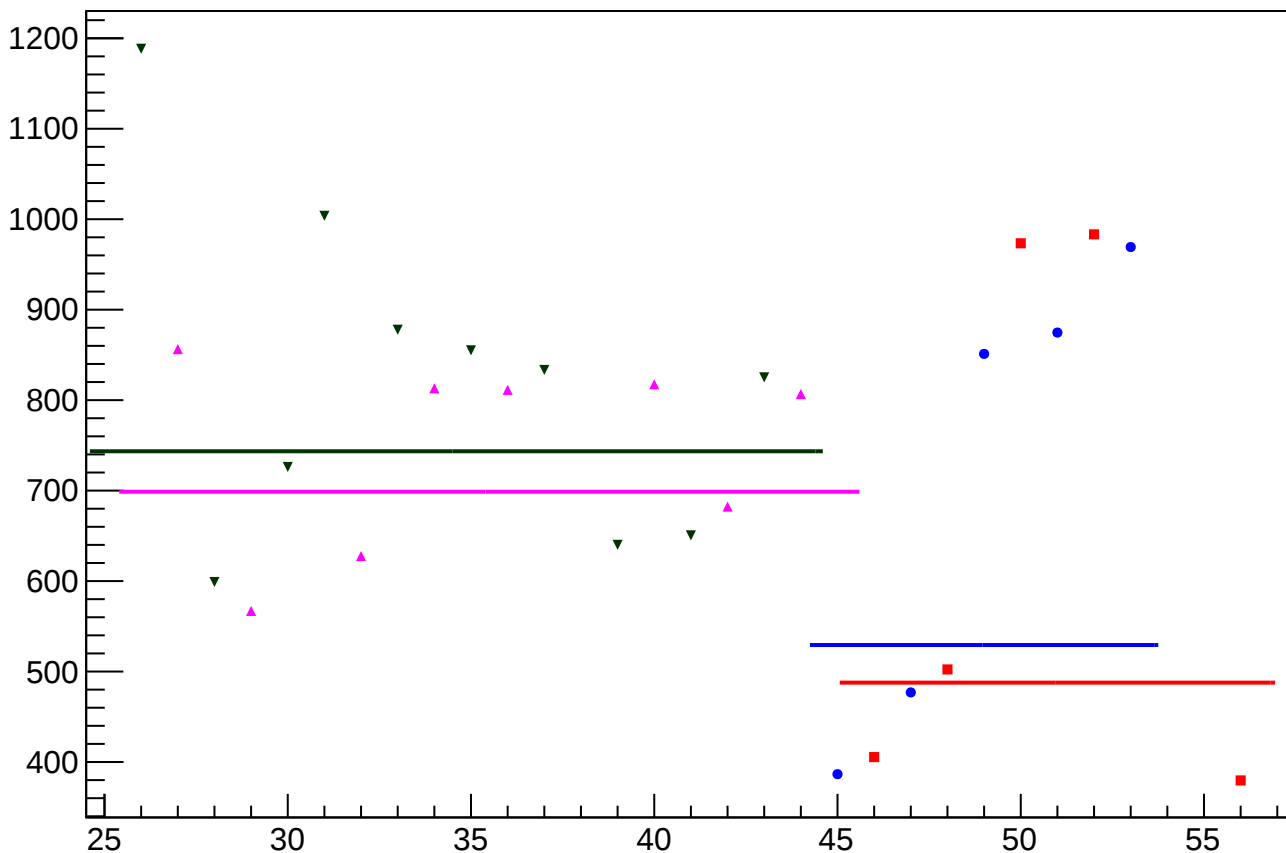
Right Out: -52.634 ± 340.955 χ^2/NDF : 4.8/4

Left In: 627.377 ± 314.053 χ^2/NDF : 9.9/7

204.906 ± 244.499 χ^2/NDF : 9.8/14

315.253 ± 230.995 χ^2/NDF : 16.8/12

asym_atl_avg_correction_rms vs slug



Right In: 529.313+/-0.254 χ^2/NDF : 660226.2/4

Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

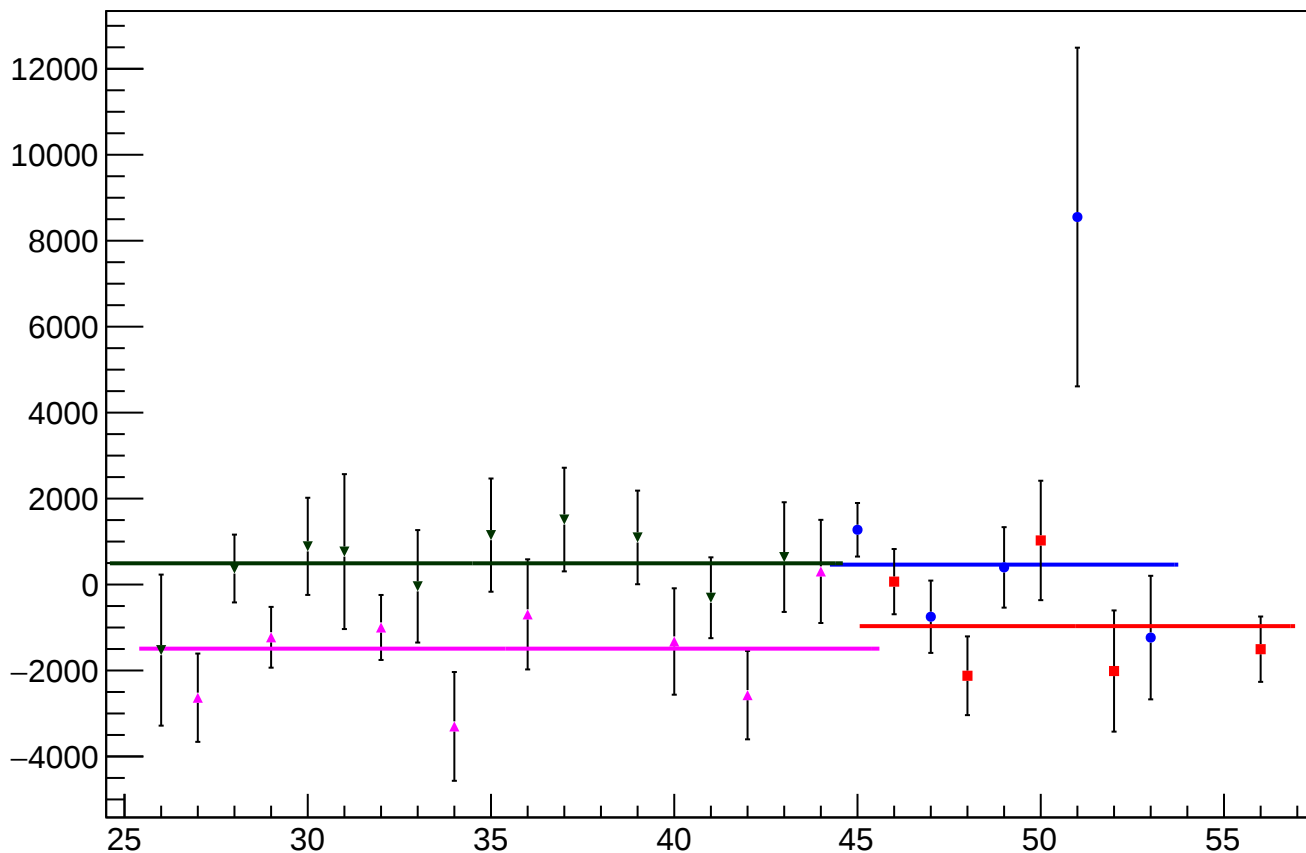
Right Out: 487.745+/-0.241 χ^2/NDF : 648935.5/4

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

643.883+/-0.173 χ^2/NDF : 1424271.3/14

601.910+/-0.163 χ^2/NDF : 1311072.1/12

asym_atl_avg_mean vs slug



Right In: 463.301 $\pm$ 419.690 χ^2/NDF : 9.4/4

Left Out: 494.045 $\pm$ 366.212 χ^2/NDF : 3.7/9

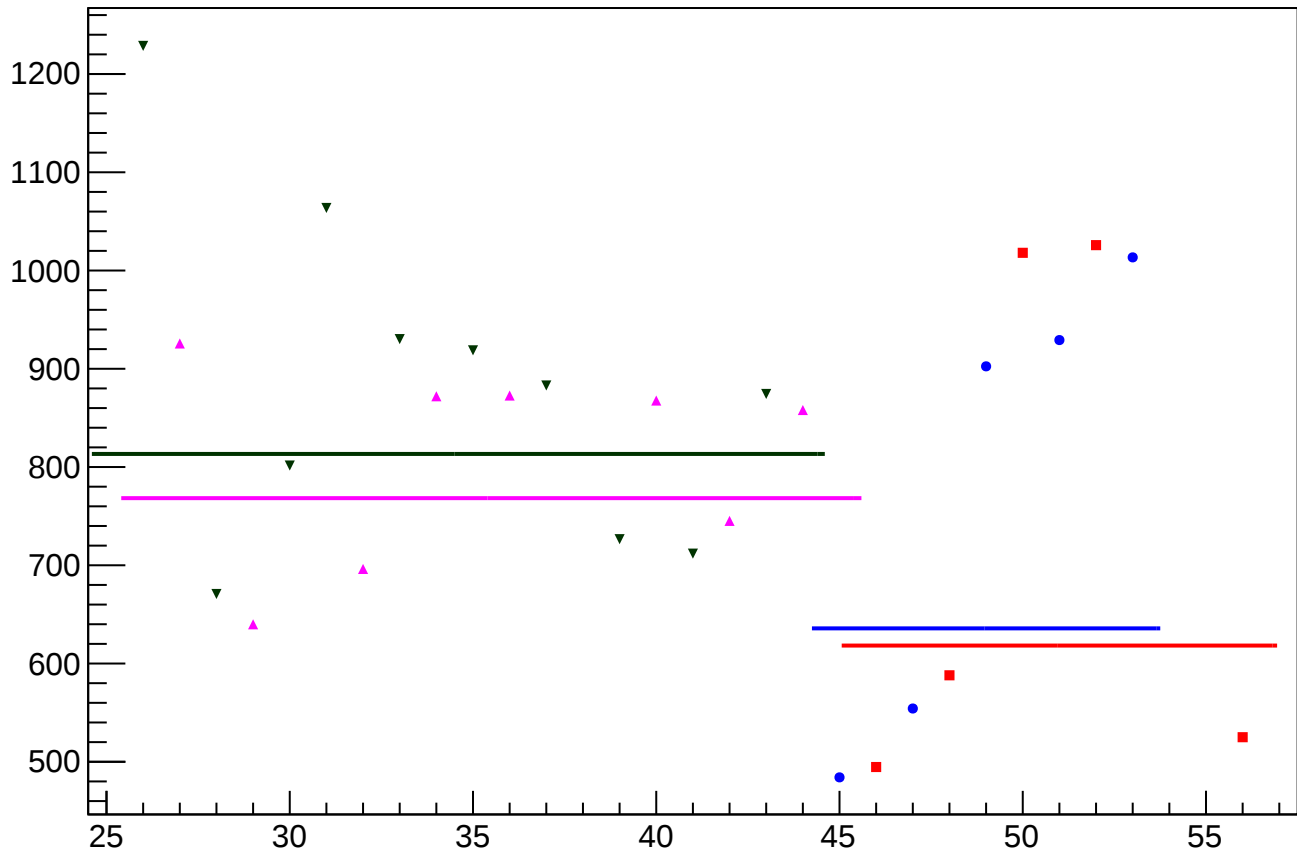
Right Out: -967.691 $\pm$ 419.620 χ^2/NDF : 6.6/4

Left In: -1491.627 $\pm$ 348.747 χ^2/NDF : 7.6/7

480.755 $\pm$ 275.933 χ^2/NDF : 13.0/14

-1277.579 $\pm$ 268.209 χ^2/NDF : 15.1/12

asym_atl_avg_rms vs slug



Right In: 635.784+/-0.297 χ^2/NDF : 448591.1/4

Left Out: 813.323+/-0.259 χ^2/NDF : 291804.3/9

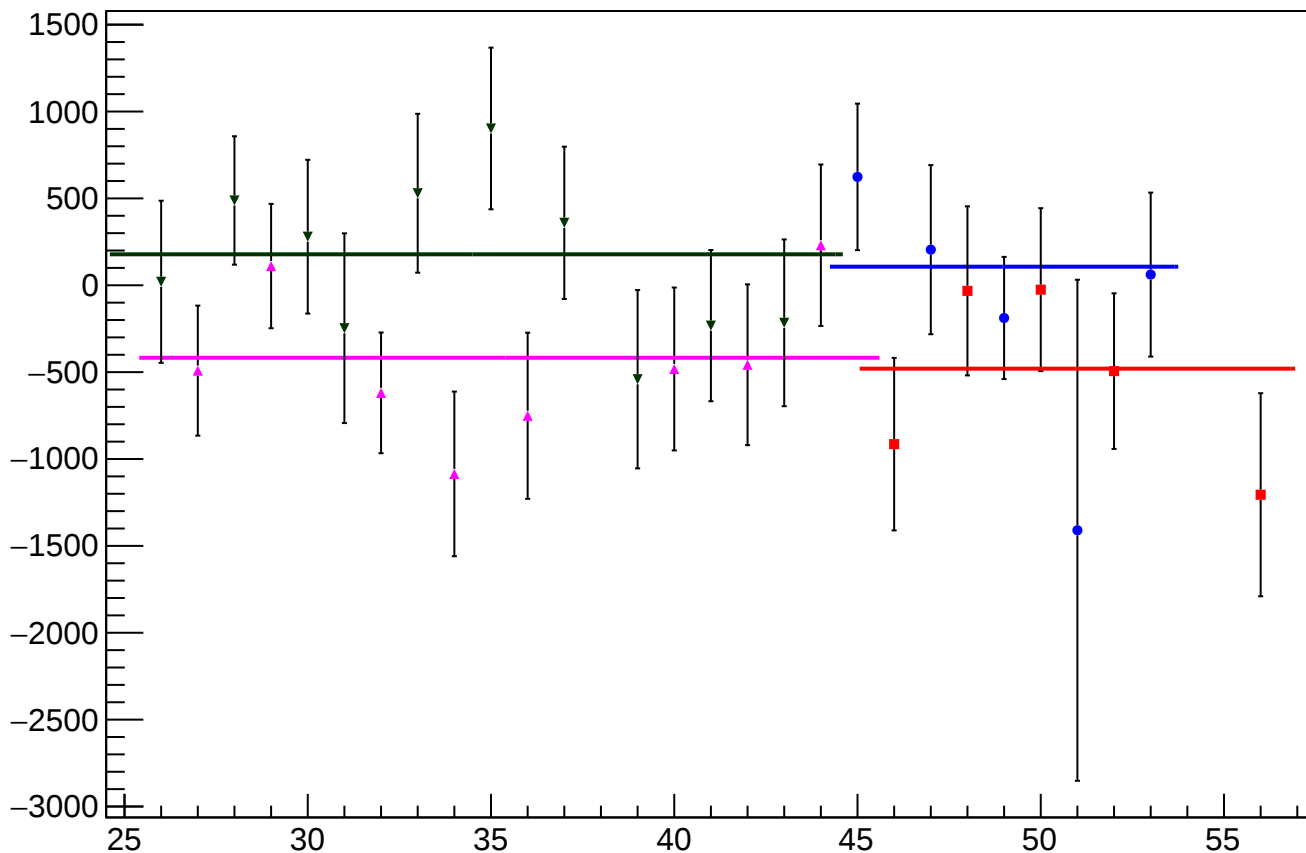
Right Out: 618.286+/-0.297 χ^2/NDF : 417997.1/4

Left In: 768.326+/-0.247 χ^2/NDF : 182845.3/7

736.579+/-0.195 χ^2/NDF : 943586.1/14

707.029+/-0.190 χ^2/NDF : 752078.6/12

reg_asym_atl_dd_mean vs slug



Right In: 106.954 ± 208.965 χ^2/NDF : 3.4/4

Left Out: 178.217 ± 143.718 χ^2/NDF : 8.2/9

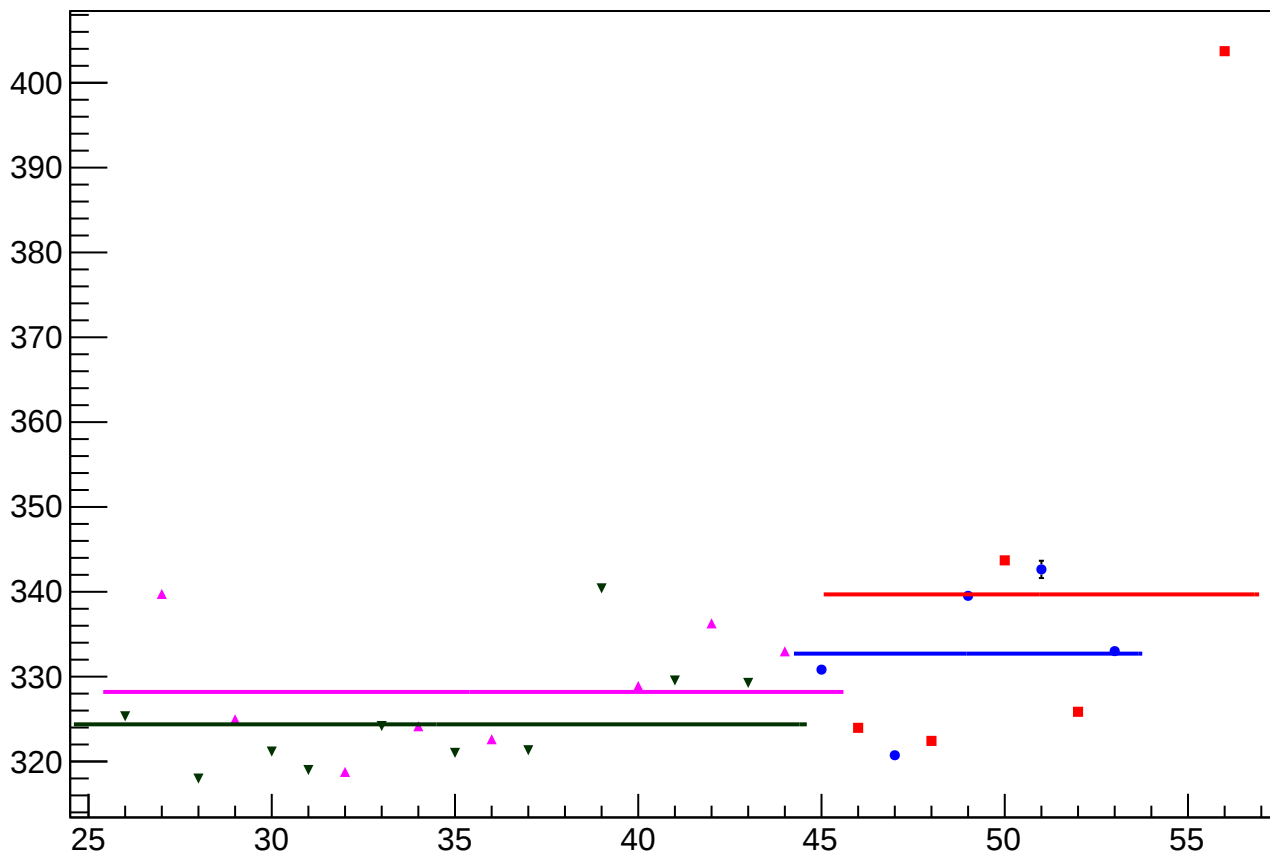
Right Out: -479.978 ± 219.571 χ^2/NDF : 4.1/4

Left In: -417.319 ± 147.577 χ^2/NDF : 7.0/7

155.333 ± 118.415 χ^2/NDF : 11.6/14

-436.817 ± 122.482 χ^2/NDF : 11.2/12

reg_asym_atl_dd_rms vs slug



Right In: 332.712 ± 0.148 χ^2/NDF : 2097.1/4

Left Out: 324.377 ± 0.102 χ^2/NDF : 3549.0/9

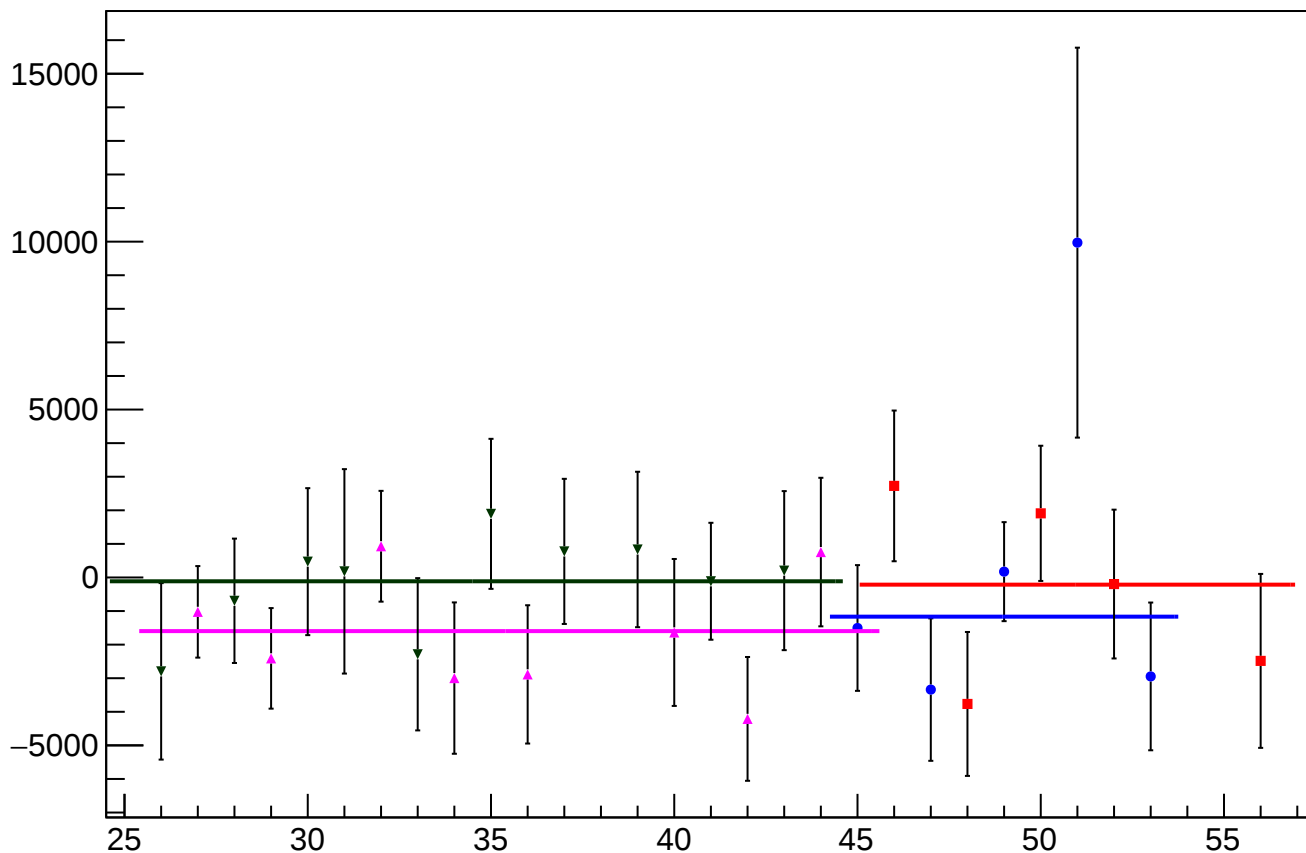
Right Out: 339.694 ± 0.155 χ^2/NDF : 30594.8/4

Left In: 328.197 ± 0.104 χ^2/NDF : 4786.7/7

327.054 ± 0.084 χ^2/NDF : 7806.1/14

331.775 ± 0.087 χ^2/NDF : 39158.8/12

asym_atl_dd_correction_mean vs slug



Right In: -1166.822 ± 911.298 χ^2/NDF : 6.2/4

Left Out: -113.667 ± 697.189 χ^2/NDF : 3.3/9

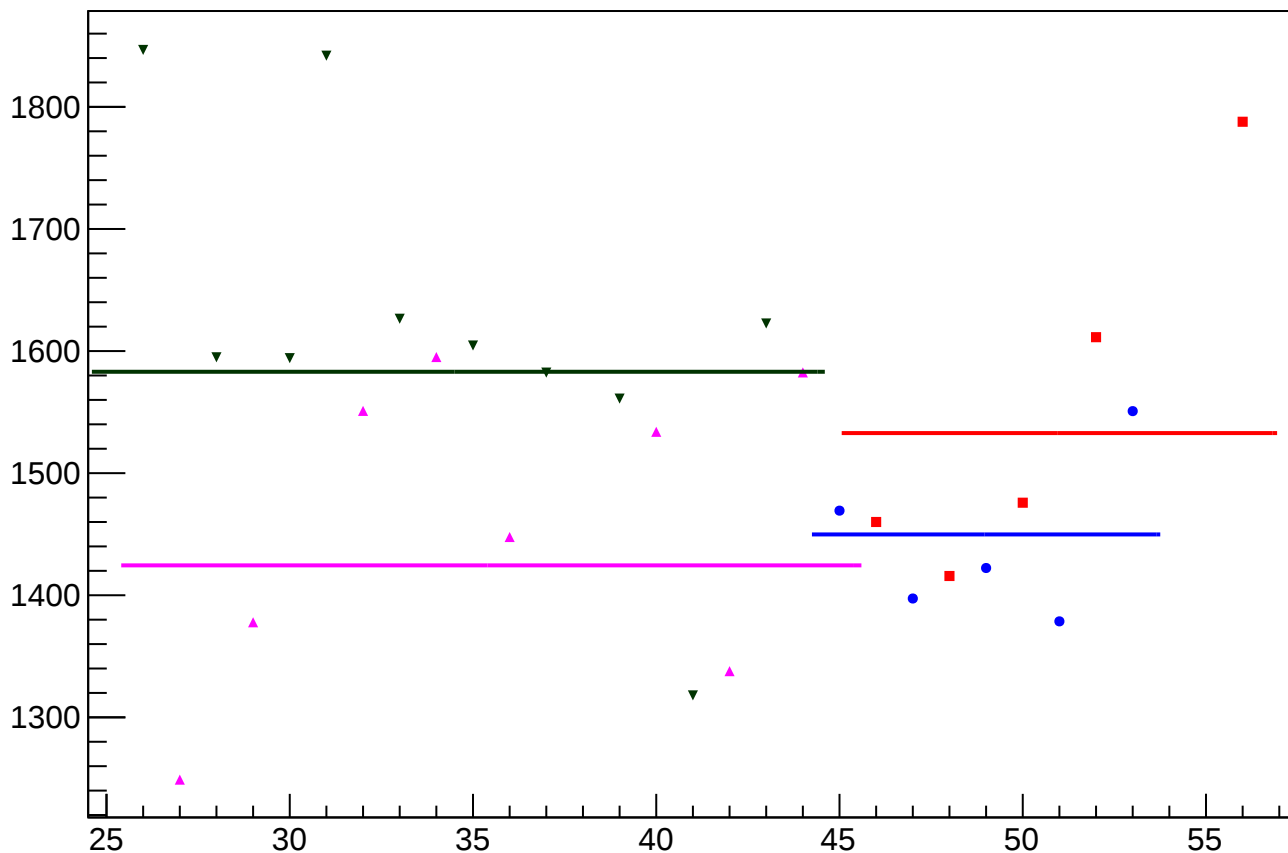
Right Out: -213.982 ± 992.145 χ^2/NDF : 6.3/4

Left In: -1597.547 ± 633.459 χ^2/NDF : 6.7/7

-502.497 ± 553.725 χ^2/NDF : 10.4/14

-1196.872 ± 533.914 χ^2/NDF : 14.5/12

asym_atl_dd_correction_rms vs slug



Right In: 1449.816 ± 0.644 χ^2/NDF : 6653.3/4

Left Out: 1583.049 ± 0.493 χ^2/NDF : 82755.6/9

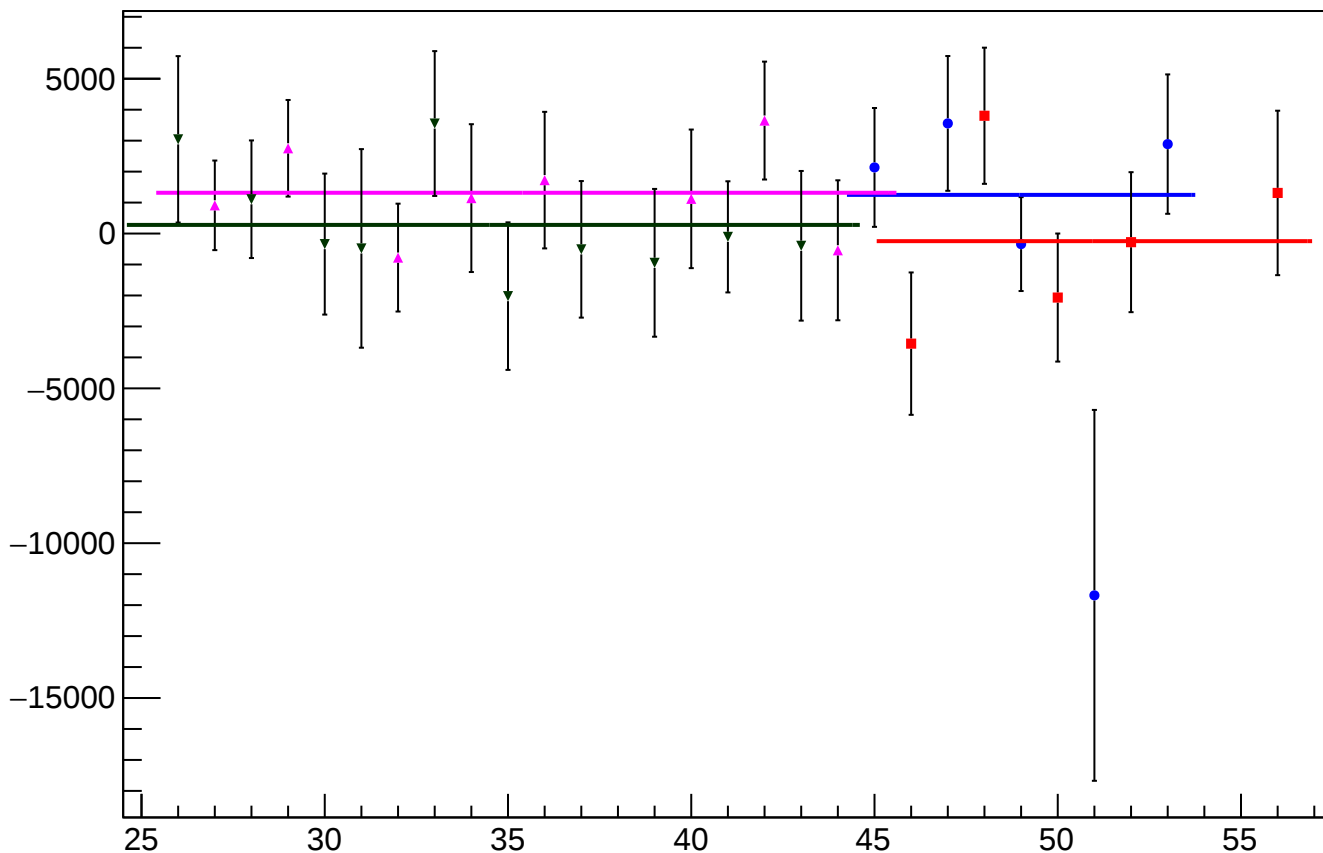
Right Out: 1532.829 ± 0.702 χ^2/NDF : 31578.5/4

Left In: 1424.479 ± 0.448 χ^2/NDF : 78214.9/7

1533.859 ± 0.392 χ^2/NDF : 116375.1/14

1455.857 ± 0.378 χ^2/NDF : 126738.6/12

asym_atl_dd_mean vs slug



Right In: 1248.760 ± 935.392 $\chi^2/\text{NDF}: 7.6/4$

Left Out: 278.907 ± 720.229 $\chi^2/\text{NDF}: 4.8/9$

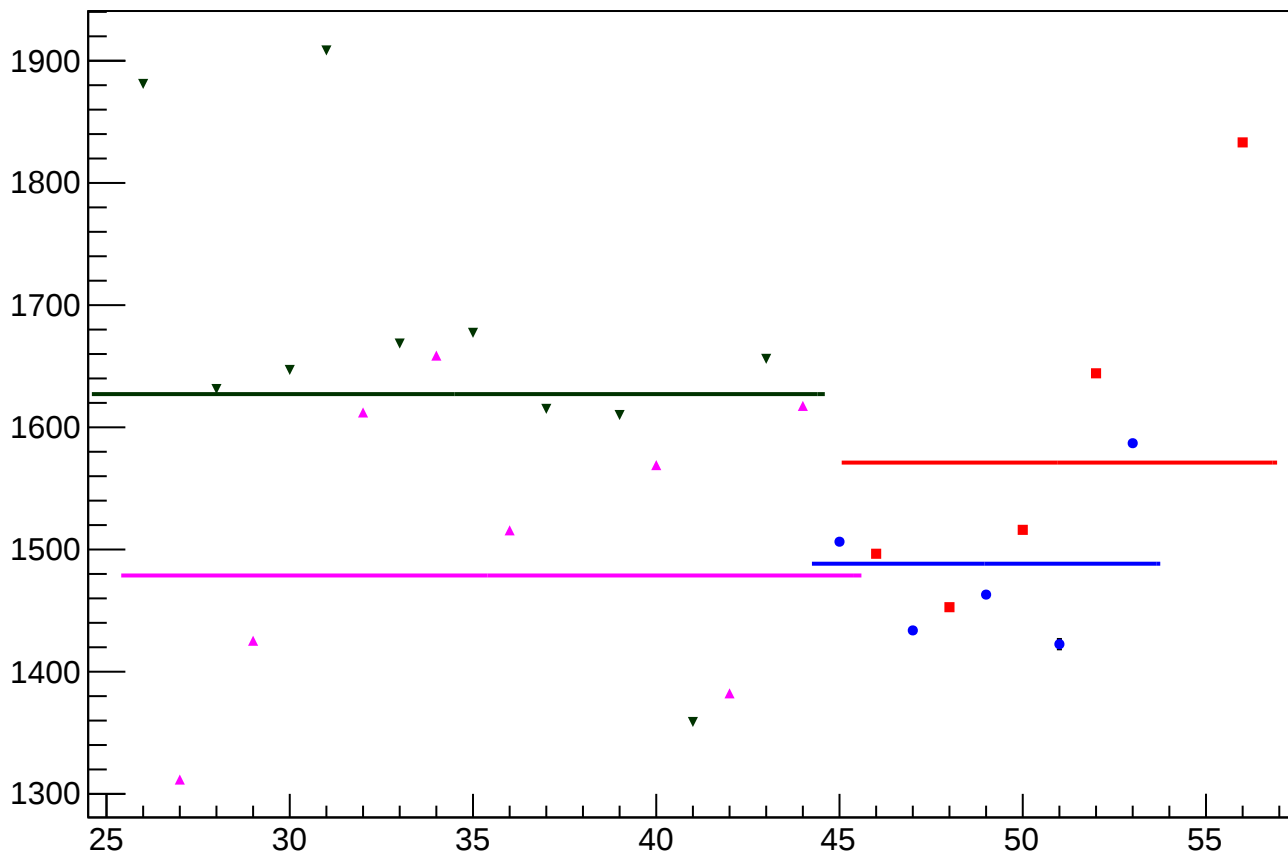
Right Out: -245.730 ± 1016.723 $\chi^2/\text{NDF}: 6.6/4$

Left In: 1317.055 ± 663.629 $\chi^2/\text{NDF}: 4.6/7$

639.886 ± 570.665 $\chi^2/\text{NDF}: 13.1/14$

850.165 ± 555.725 $\chi^2/\text{NDF}: 12.8/12$

asym_atl_dd_rms vs slug



Right In: 1488.383+/-0.661 χ^2/NDF : 6072.4/4

Left Out: 1627.194+/-0.509 χ^2/NDF : 80064.9/9

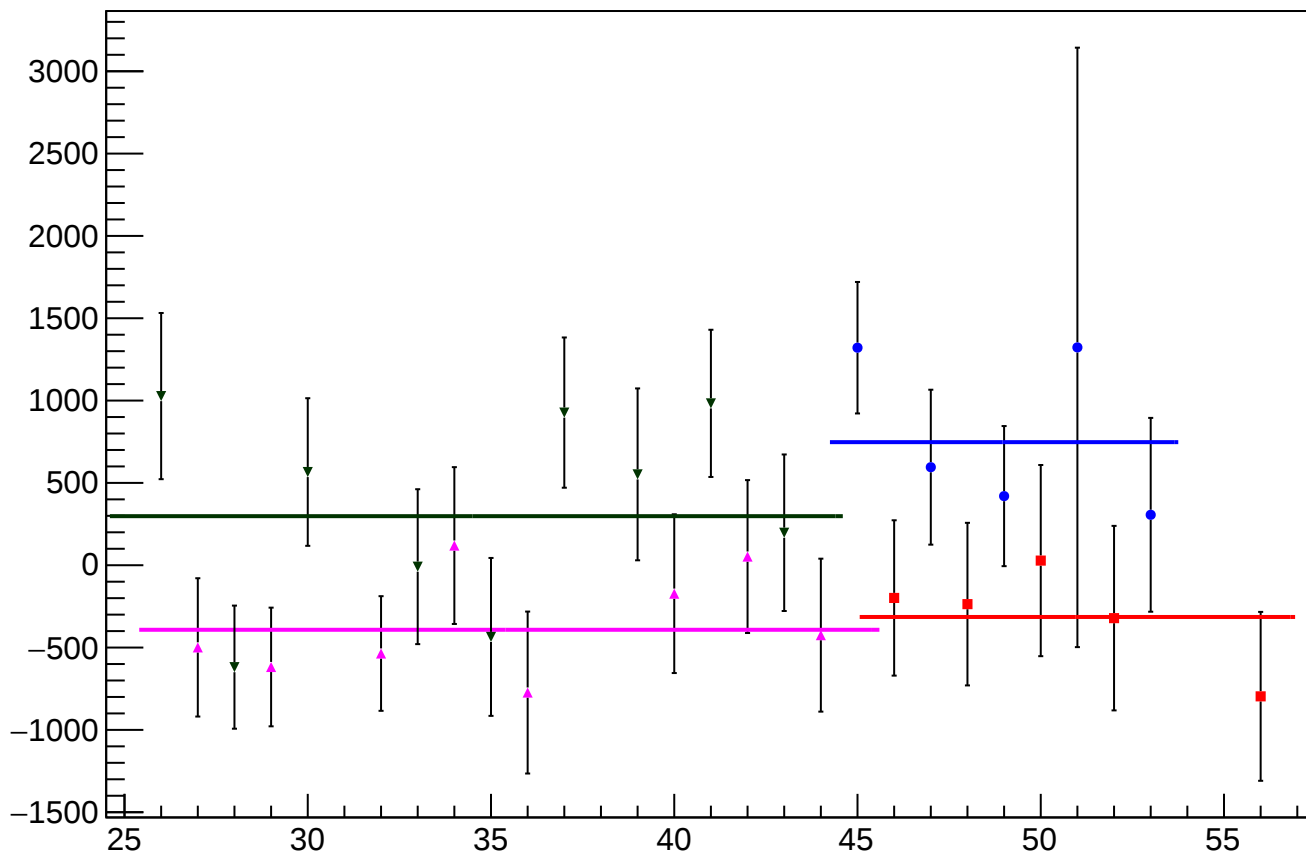
Right Out: 1571.142+/-0.719 χ^2/NDF : 30882.6/4

Left In: 1478.747+/-0.469 χ^2/NDF : 68597.0/7

1575.529+/-0.404 χ^2/NDF : 113788.6/14

1506.350+/-0.393 χ^2/NDF : 111062.0/12

reg_asym_atr_avg_mean vs slug



Right In: 747.513+/-226.442 χ^2/NDF : 3.4/4

Left Out: 297.955+/-152.800 χ^2/NDF :15.8/8

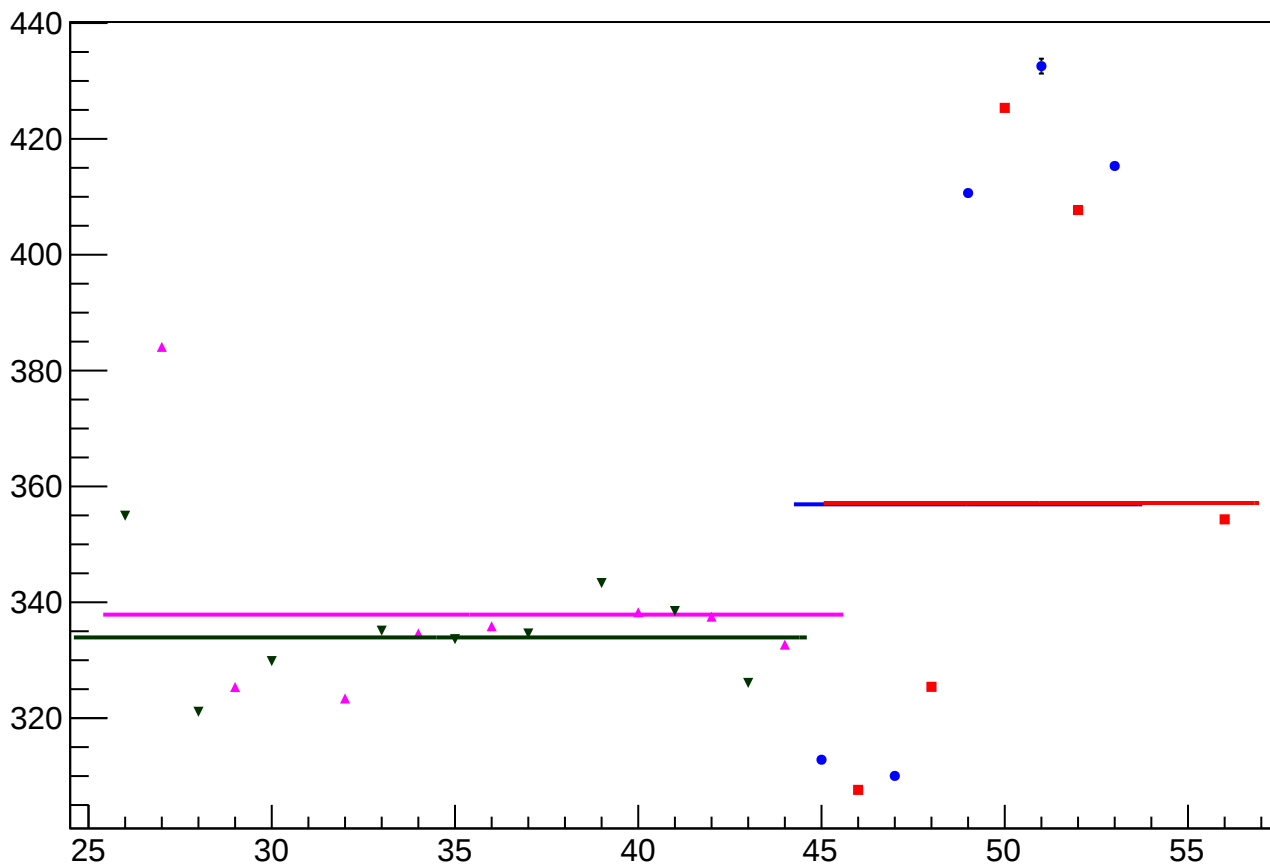
Right Out: -314.227+/-232.178 χ^2/NDF : 1.3/4

Left In: -392.029+/-151.208 χ^2/NDF :3.5/7

438.610+/-126.661 χ^2/NDF : 21.9/13

-368.858+/-126.707 χ^2/NDF : 4.9/12

reg_asym_atr_avg_rms vs slug



Right In: 356.910 $\pm$ 0.160 χ^2/NDF : 99302.5/4

Left Out: 333.934 $\pm$ 0.108 χ^2/NDF : 7408.6/8

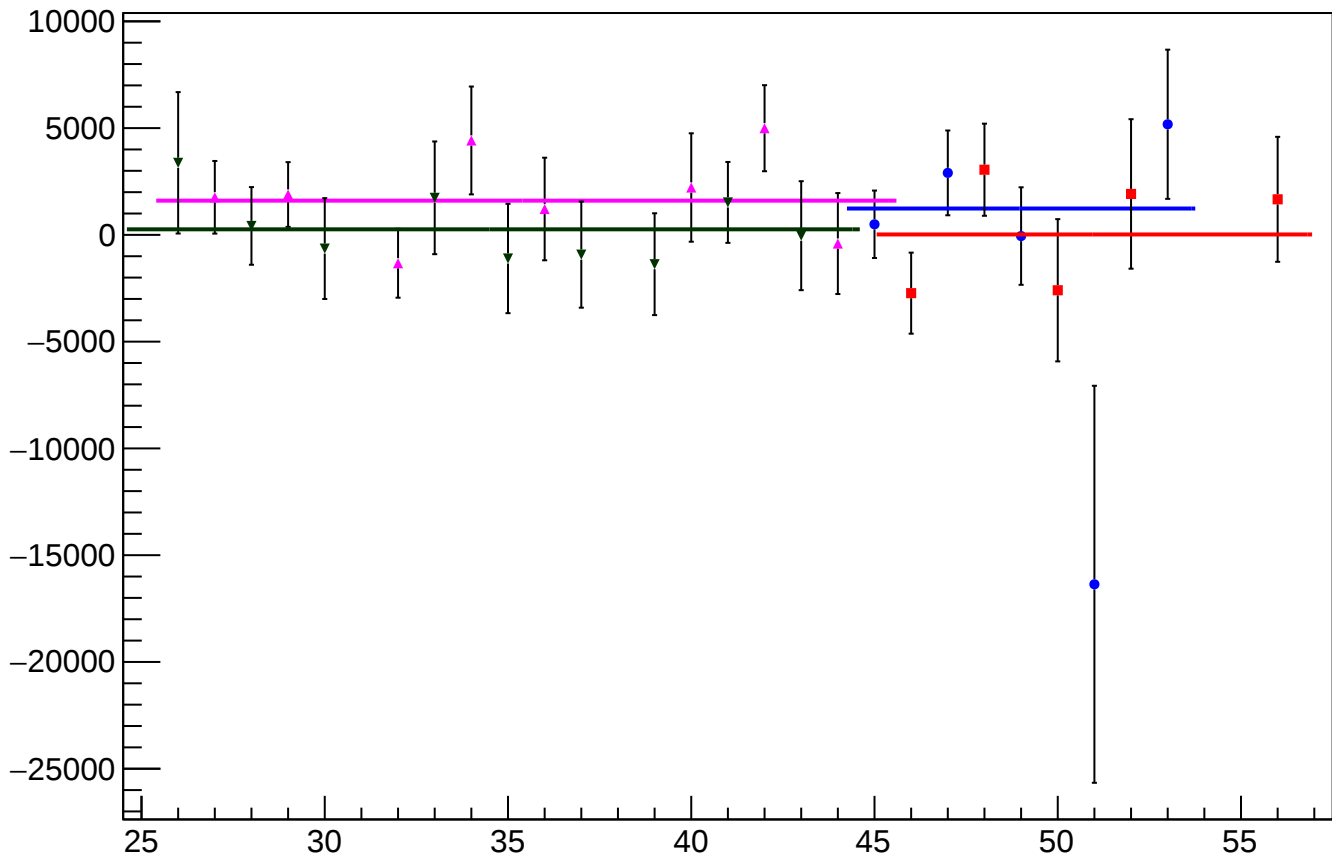
Right Out: 357.140 $\pm$ 0.164 χ^2/NDF : 74273.2/4

Left In: 337.870 $\pm$ 0.107 χ^2/NDF : 30461.2/7

341.122 $\pm$ 0.090 χ^2/NDF : 120859.4/13

343.609 $\pm$ 0.090 χ^2/NDF : 114408.2/12

asym_atr_avg_correction_mean vs slug



Right In: 1234.199+/-1031.505 χ^2/NDF : 6.1/4

Left Out: 260.094+/-781.083 χ^2/NDF : 2.8/8

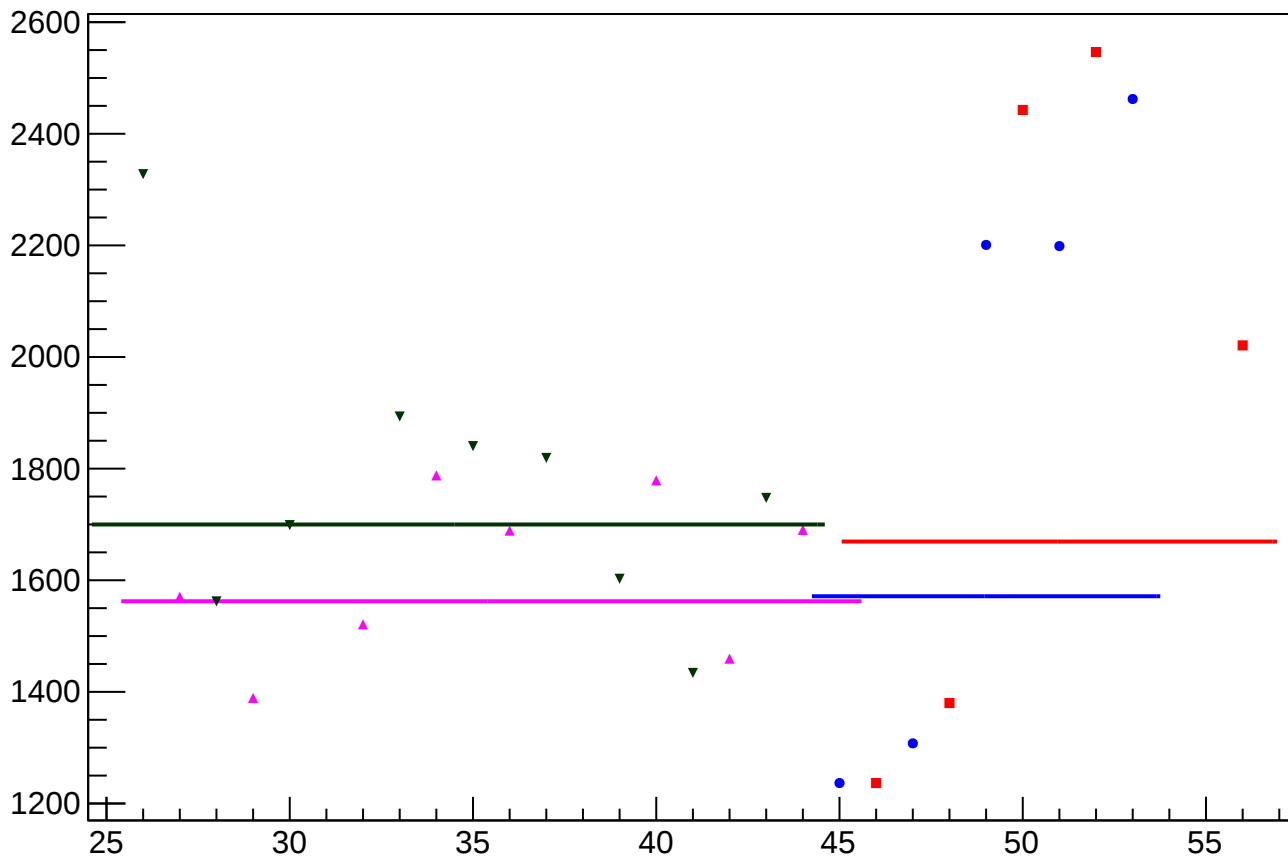
Right Out: 19.376+/-1131.492 χ^2/NDF : 5.3/4

Left In: 1602.732+/-694.176 χ^2/NDF : 8.2/7

615.088+/-622.700 χ^2/NDF : 9.5/13

1169.746+/-591.697 χ^2/NDF : 15.0/12

asym_atr_avg_correction_rms vs slug



Right In: 1571.332+/-0.729 χ^2/NDF : 416257.3/4

Left Out: 1699.916+/-0.552 χ^2/NDF :148167.9/8

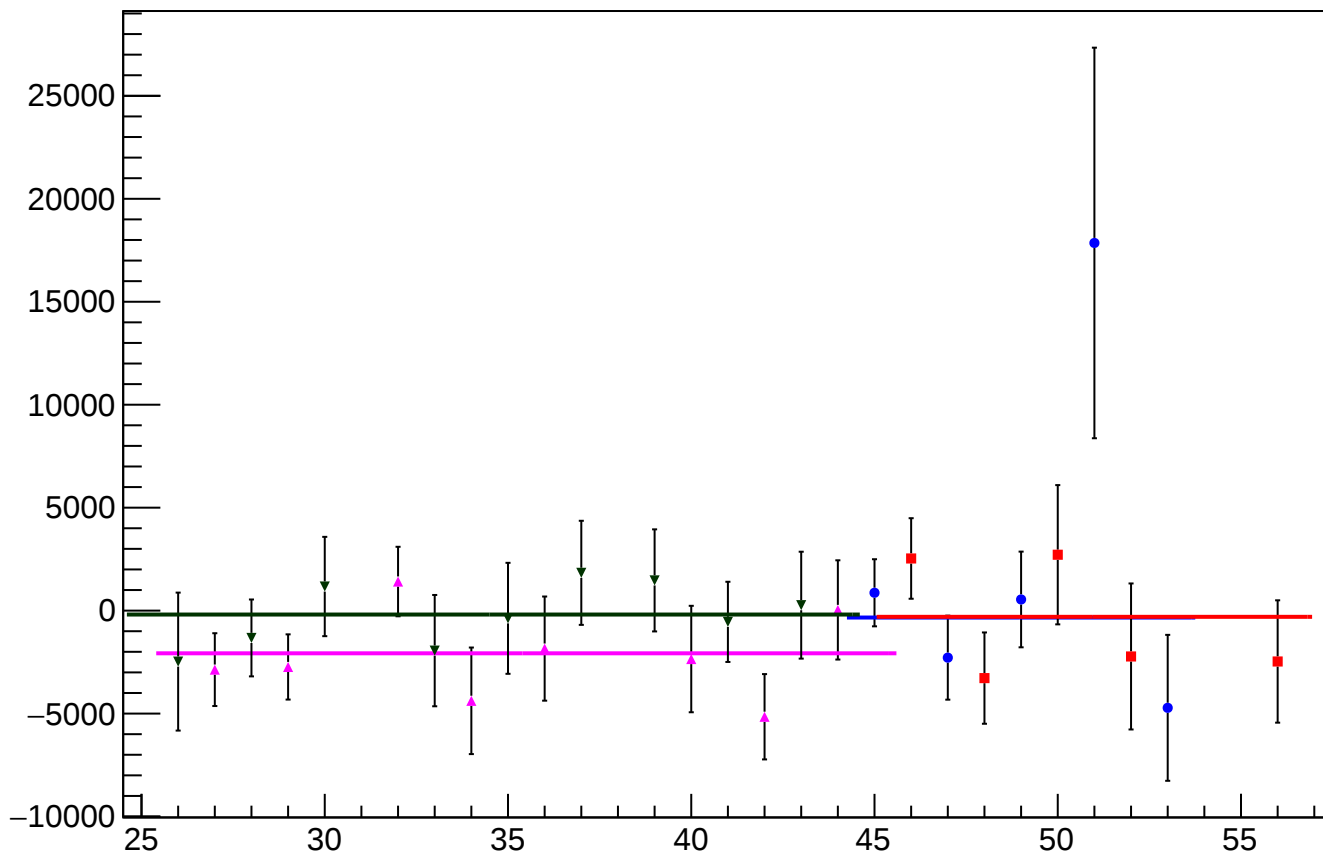
Right Out: 1669.349+/-0.800 χ^2/NDF : 402178.8/4

Left In: 1562.377+/-0.491 χ^2/NDF :74597.0/7

1653.056+/-0.440 χ^2/NDF : 584177.9/13

1591.630+/-0.418 χ^2/NDF : 489763.4/12

asym_atr_avg_mean vs slug



Right In: -335.301 ± 1058.322 χ^2/NDF : 6.8/4

Left Out: -189.957 ± 802.163 χ^2/NDF : 2.7/8

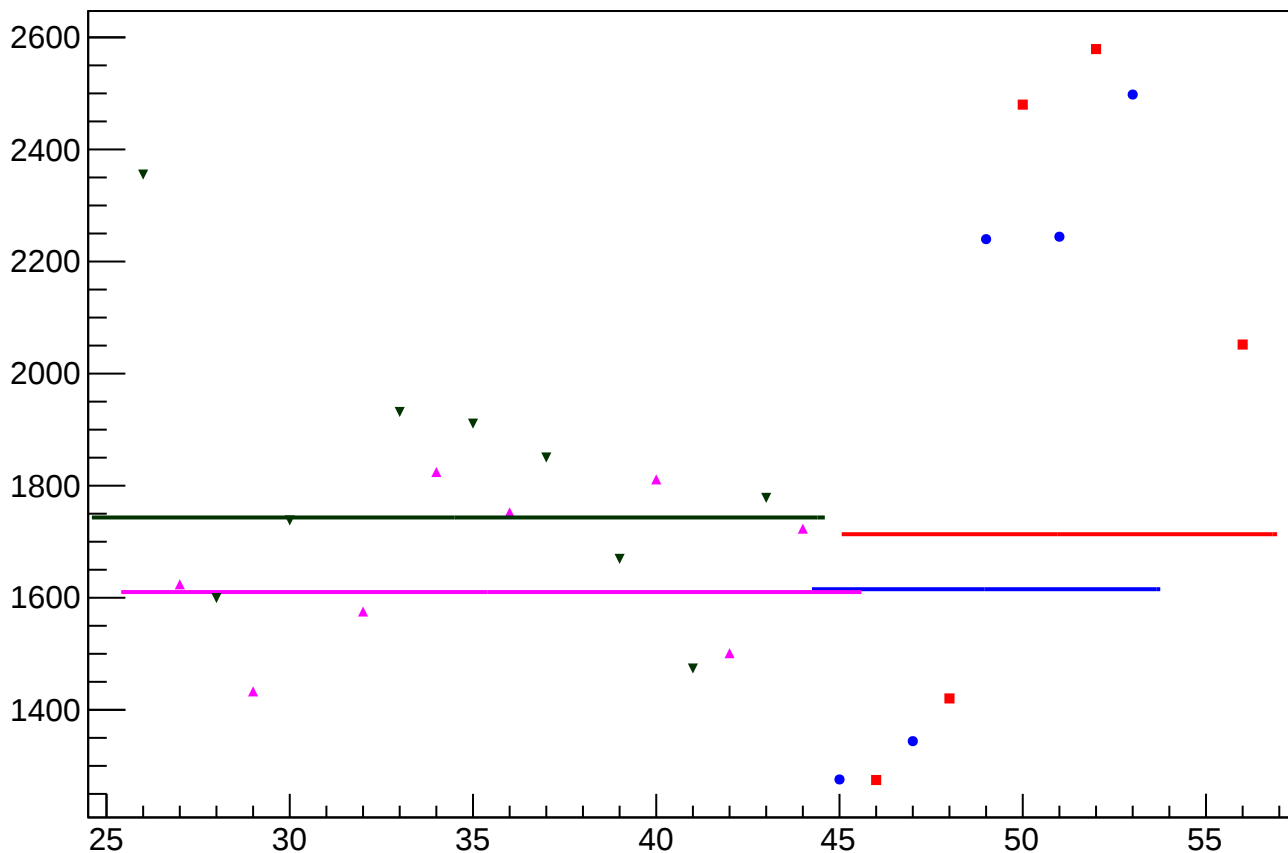
Right Out: -301.148 ± 1158.525 χ^2/NDF : 5.5/4

Left In: -2072.589 ± 719.748 χ^2/NDF : 8.4/7

-242.990 ± 639.280 χ^2/NDF : 9.6/13

-1579.275 ± 611.370 χ^2/NDF : 15.6/12

asym_atr_avg_rms vs slug



Right In: 1615.269+/-0.748 χ^2/NDF : 399561.0/4

Left Out: 1743.280+/-0.567 χ^2/NDF :140061.2/8

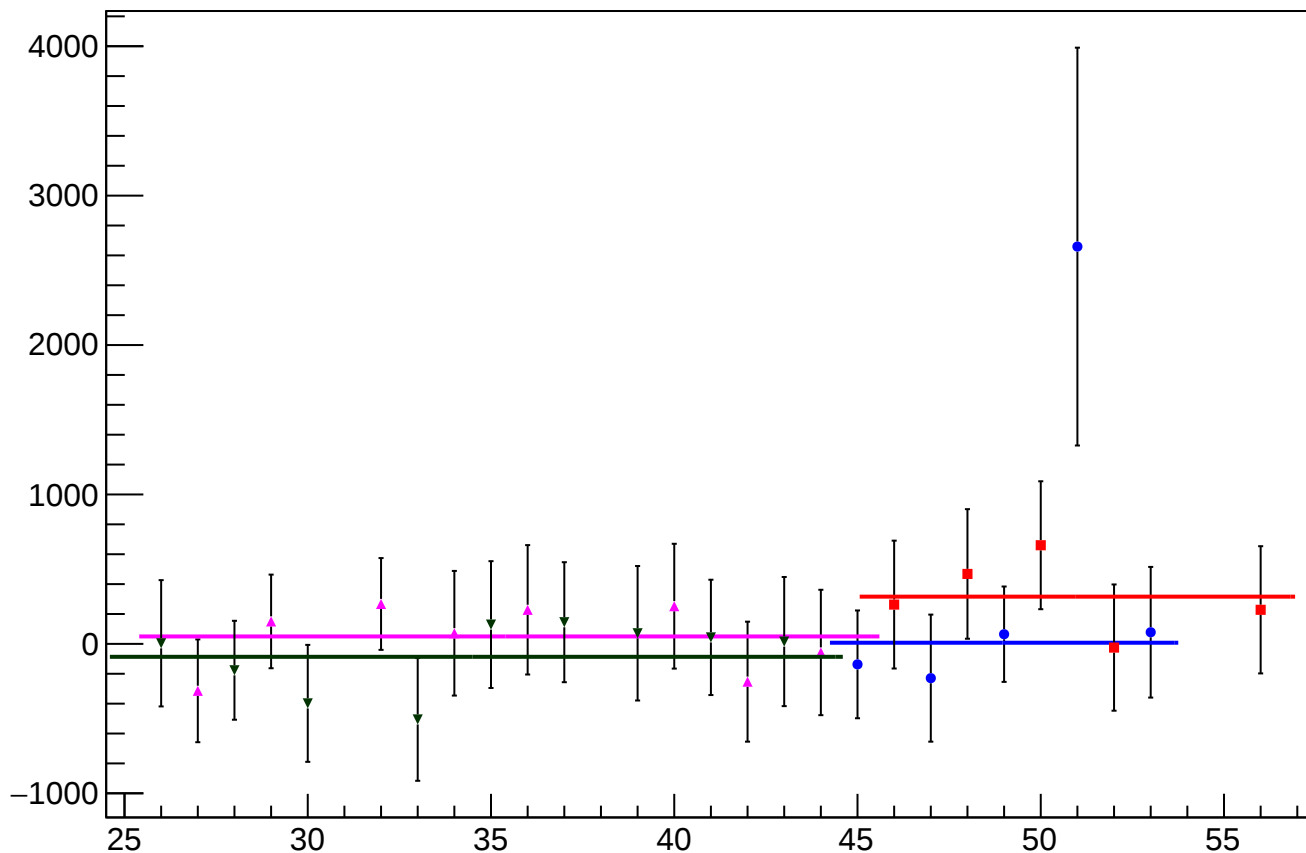
Right Out: 1713.413+/-0.819 χ^2/NDF : 383463.3/4

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1696.572+/-0.452 χ^2/NDF : 558206.2/13

1638.941+/-0.432 χ^2/NDF : 463023.5/12

reg_asym_atr_dd_mean vs slug



Right In: 7.709 $\pm$ 186.251 χ^2 /NDF: 4.5/4

Left Out: -86.539 $\pm$ 133.704 χ^2 /NDF: 2.7/8

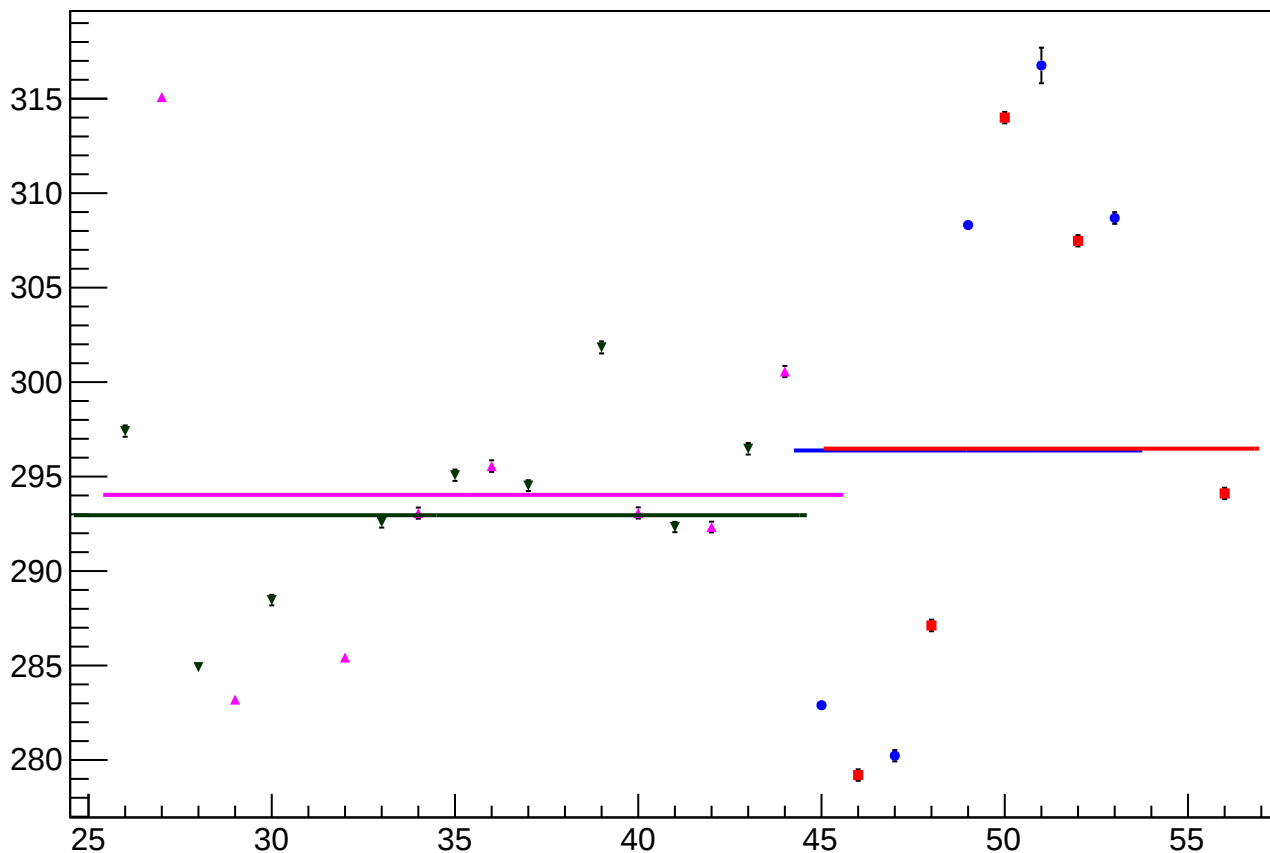
Right Out: 316.106 $\pm$ 191.190 χ^2 /NDF: 1.5/4

Left In: 49.768 $\pm$ 131.388 χ^2 /NDF: 2.8/7

-54.487 $\pm$ 108.615 χ^2 /NDF: 7.3/13

135.202 $\pm$ 108.284 χ^2 /NDF: 5.6/12

reg_asym_atr_dd_rms vs slug



Right In: 296.381+/-0.132 χ^2/NDF : 10527.9/4

Left Out: 292.955+/-0.095 χ^2/NDF : 2664.1/8

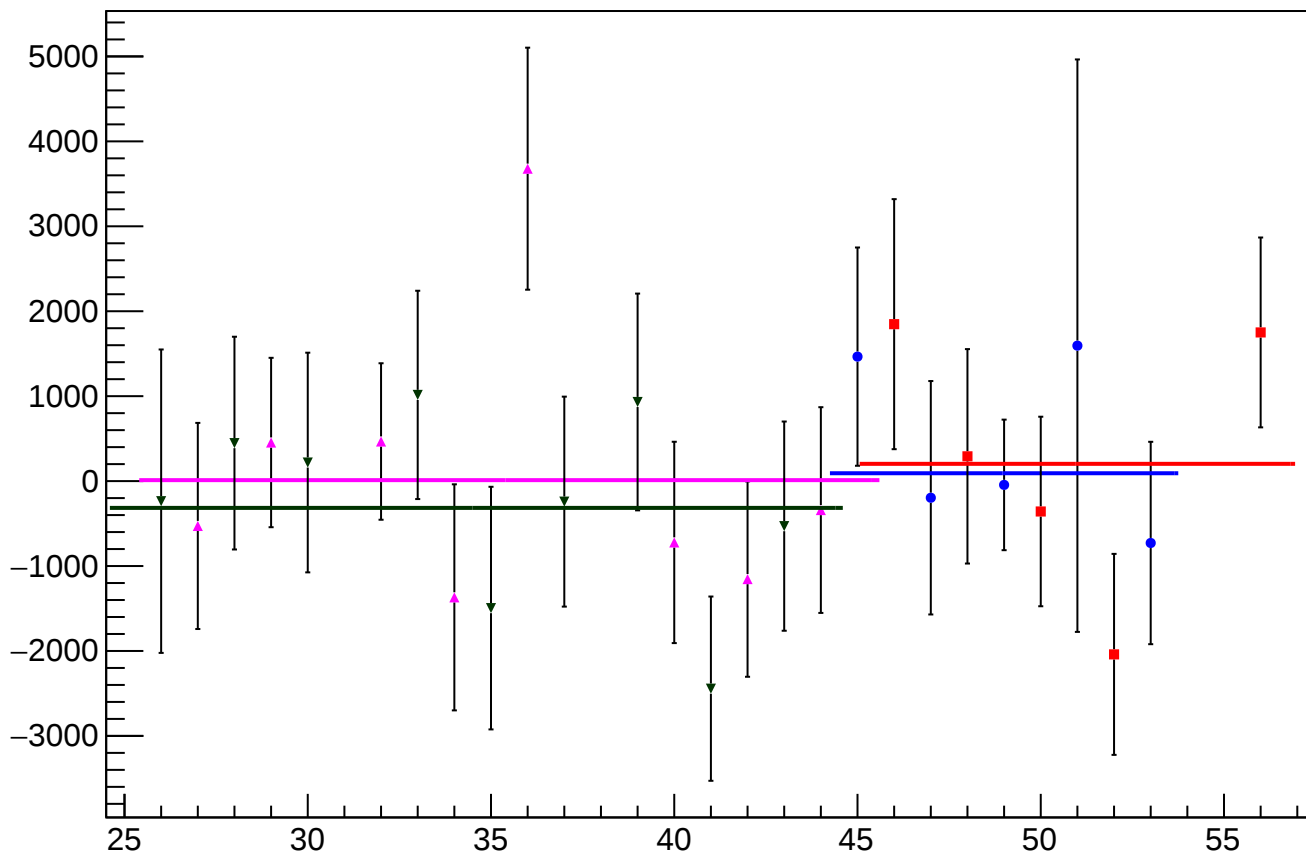
Right Out: 296.479+/-0.135 χ^2/NDF : 8960.0/4

Left In: 294.031+/-0.093 χ^2/NDF : 12021.3/7

294.120+/-0.077 χ^2/NDF : 13638.6/13

294.816+/-0.077 χ^2/NDF : 21204.0/12

asym_atr_dd_correction_mean vs slug



Right In: 92.498+/-525.529 χ^2/NDF : 1.9/4

Left Out: -315.415+/-427.109 χ^2/NDF : 7.2/8

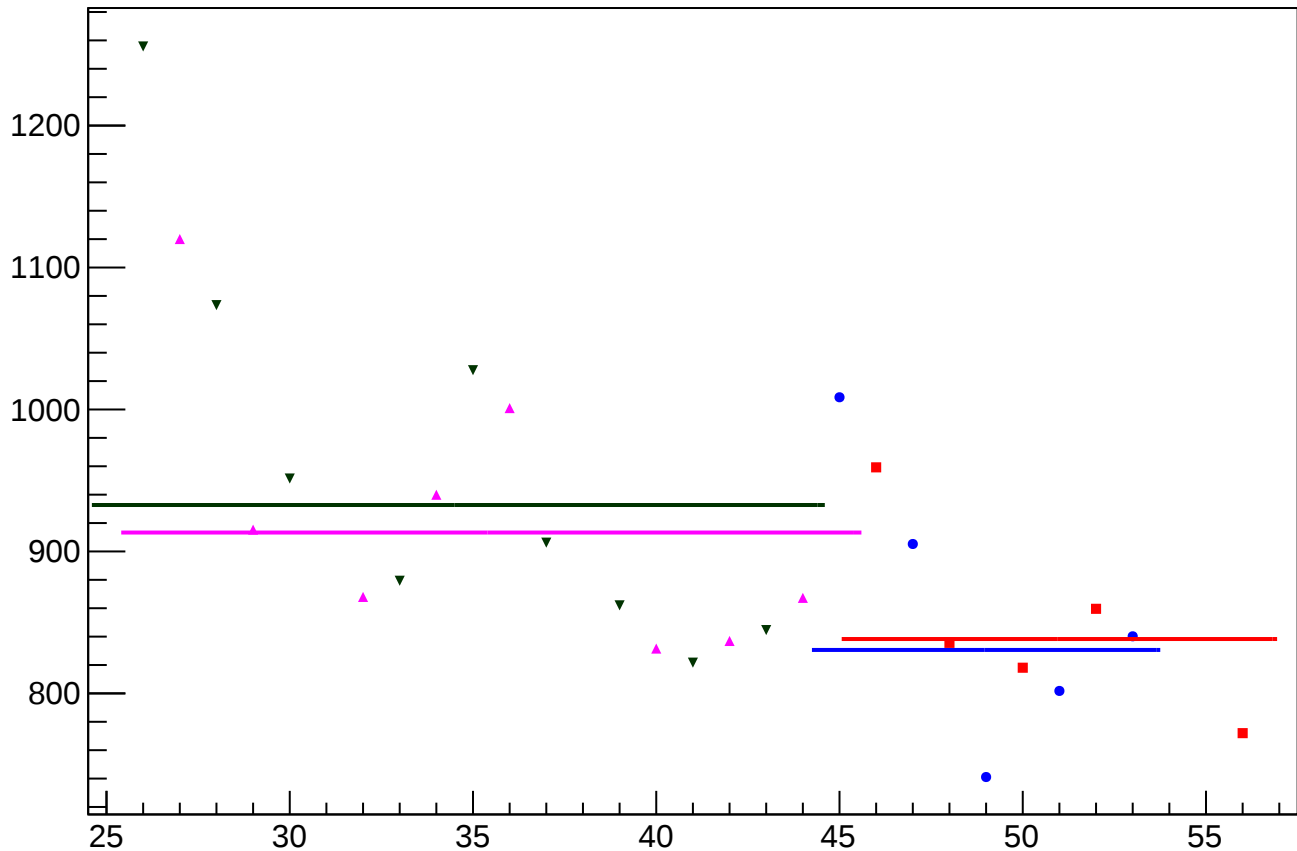
Right Out: 203.258+/-541.761 χ^2/NDF : 7.0/4

Left In: 11.284+/-405.892 χ^2/NDF : 9.8/7

-153.156+/-331.449 χ^2/NDF : 9.5/13

80.301+/-324.837 χ^2/NDF : 16.9/12

asym_atr_dd_correction_rms vs slug



Right In: 830.611 ± 0.372 χ^2/NDF : 71691.9/4

Left Out: 932.717 ± 0.302 χ^2/NDF : 141975.4/8

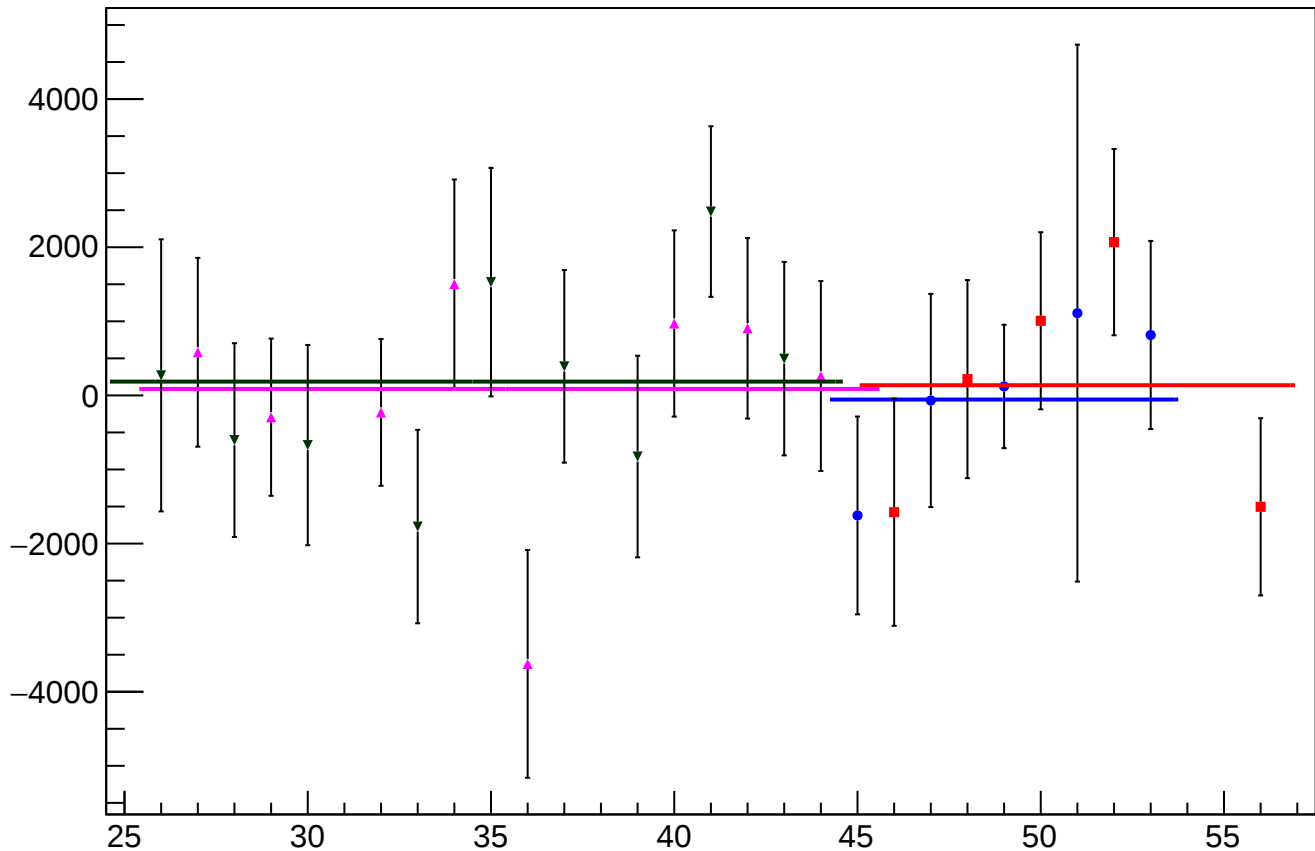
Right Out: 838.309 ± 0.383 χ^2/NDF : 21851.6/4

Left In: 913.320 ± 0.287 χ^2/NDF : 92513.4/7

892.102 ± 0.234 χ^2/NDF : 259134.5/13

886.352 ± 0.230 χ^2/NDF : 138922.2/12

asym_atr_dd_mean vs slug



Right In: -55.681 ± 560.608 $\chi^2/\text{NDF}: 2.0/4$

Left Out: 186.357 ± 451.355 $\chi^2/\text{NDF}: 8.4/8$

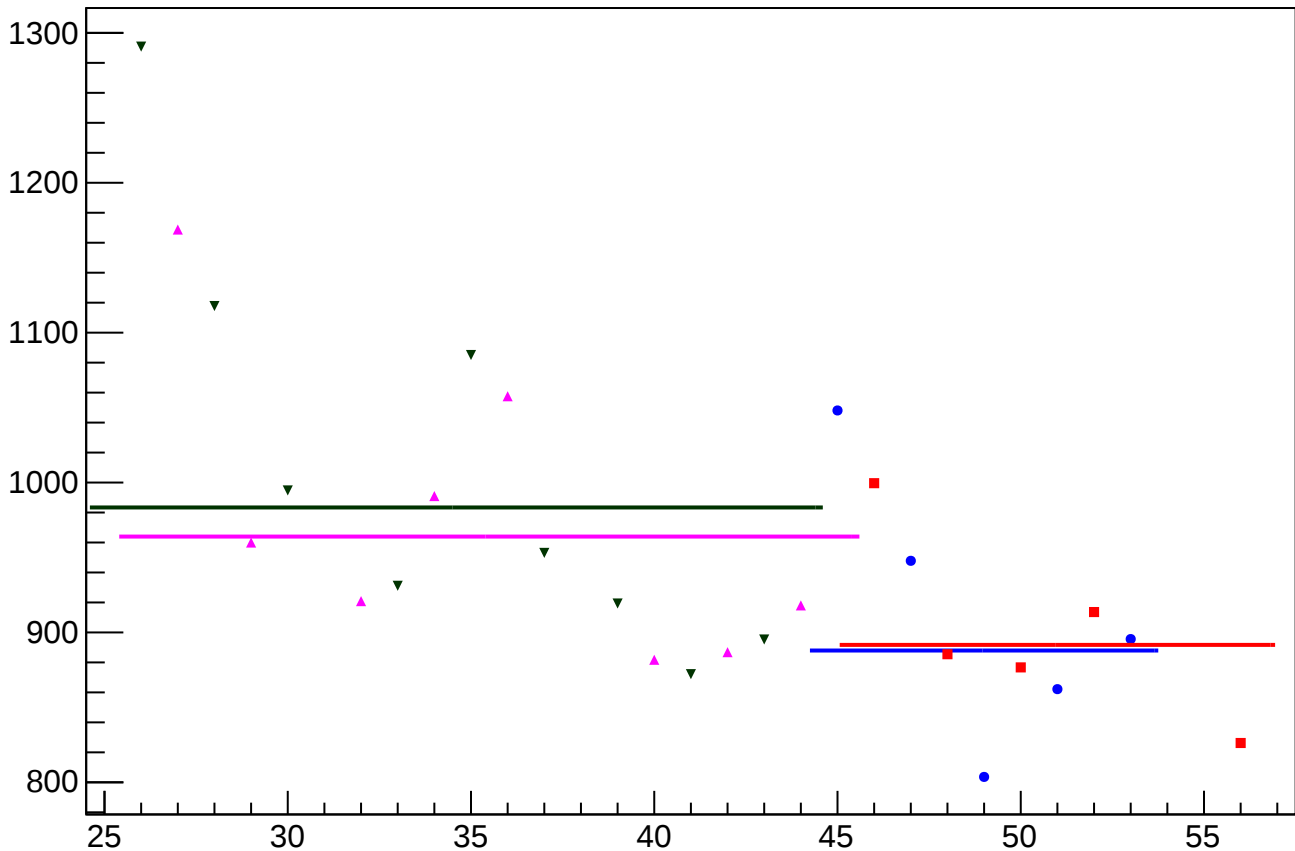
Right Out: 137.637 ± 575.826 $\chi^2/\text{NDF}: 6.0/4$

Left In: 87.303 ± 431.781 $\chi^2/\text{NDF}: 8.2/7$

91.167 ± 351.570 $\chi^2/\text{NDF}: 10.5/13$

105.418 ± 345.450 $\chi^2/\text{NDF}: 14.2/12$

asym_atr_dd_rms vs slug



Right In: 887.934 ± 0.396 χ^2/NDF : 52910.6/4

Left Out: 983.379 ± 0.319 χ^2/NDF : 122542.6/8

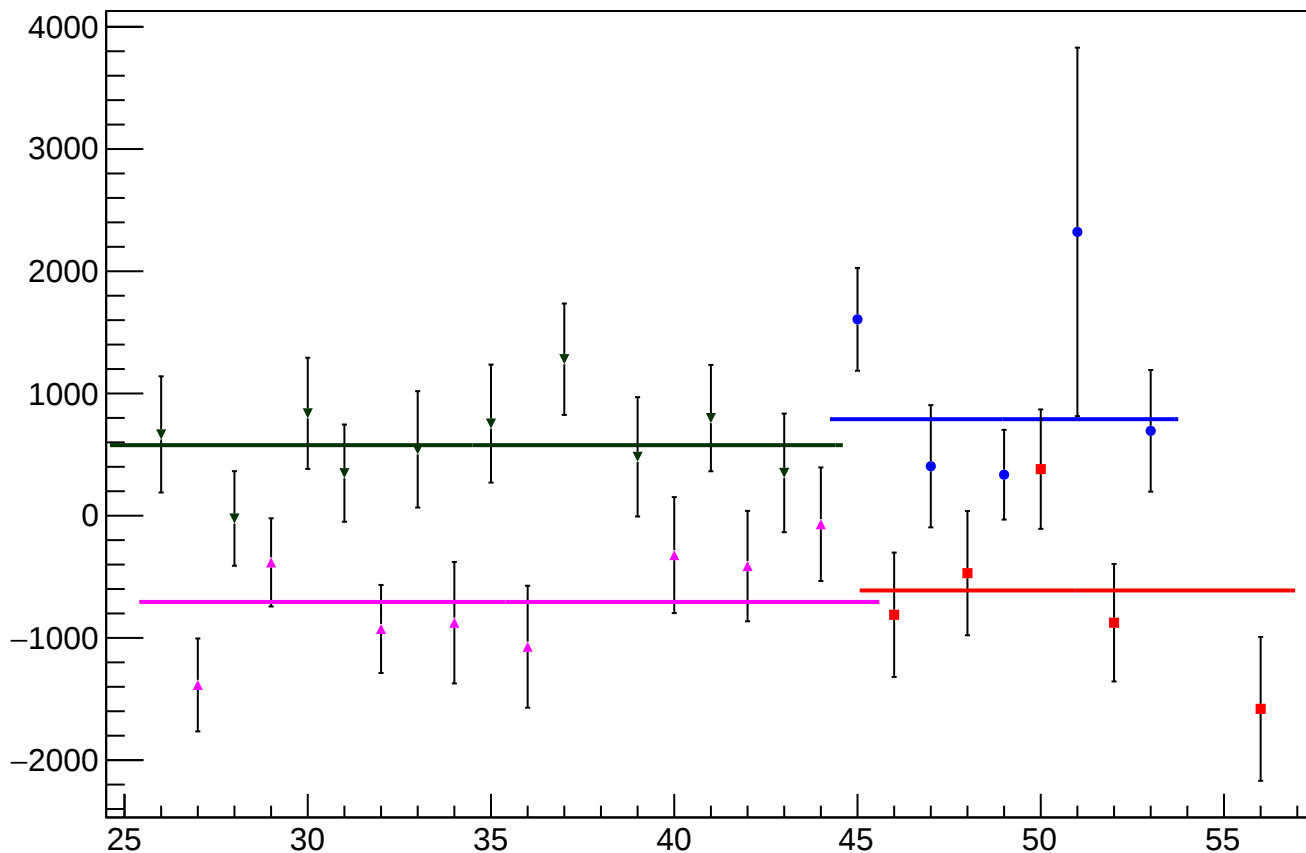
Right Out: 891.691 ± 0.407 χ^2/NDF : 16853.4/4

Left In: 963.960 ± 0.305 χ^2/NDF : 82775.1/7

945.842 ± 0.249 χ^2/NDF : 210625.8/13

937.950 ± 0.244 χ^2/NDF : 119793.5/12

reg_asym_at1_avg_mean vs slug



Right In: 789.565 $\pm$ 215.422 χ^2 /NDF: 7.0/4

Left Out: 577.064 $\pm$ 142.141 χ^2 /NDF: 6.1/9

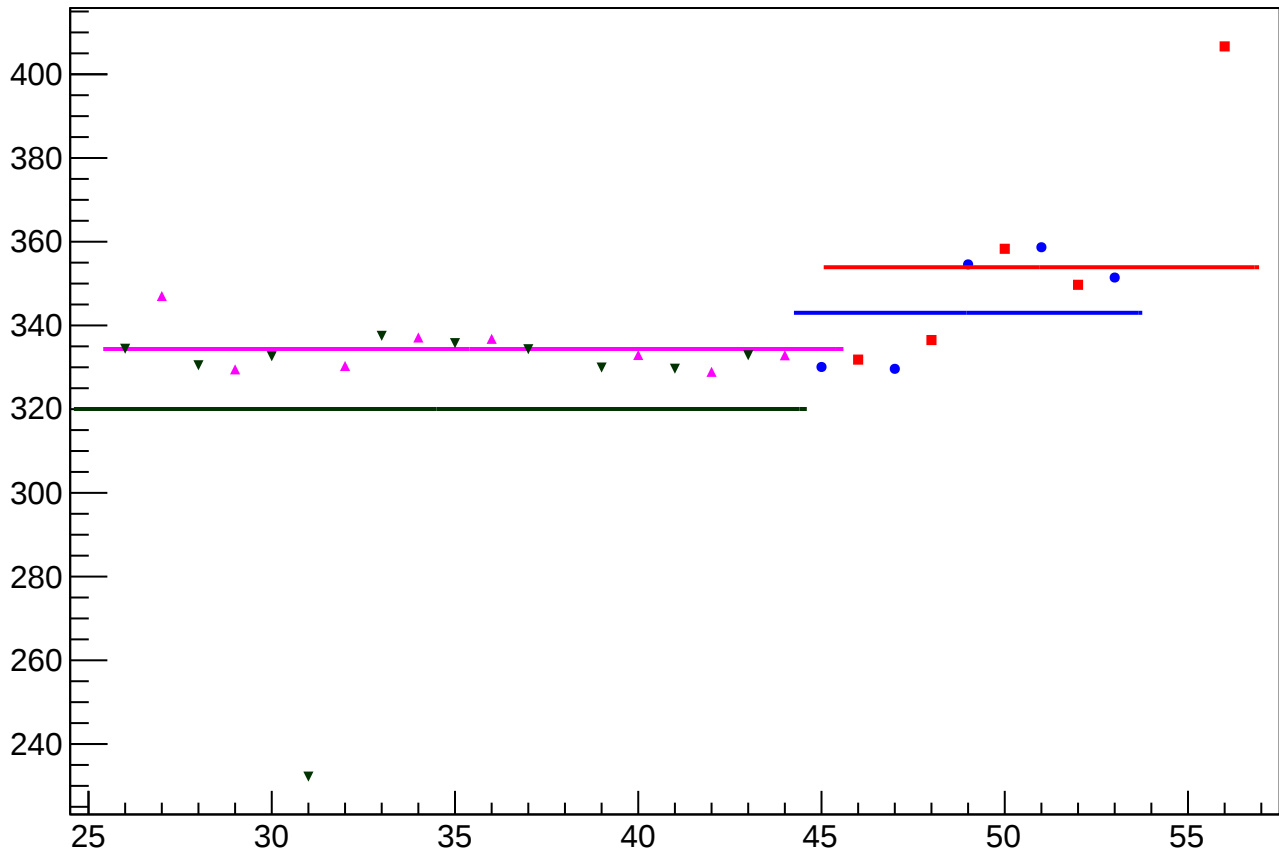
Right Out: -611.683 $\pm$ 228.555 χ^2 /NDF: 7.4/4

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF: 8.0/7

641.519 $\pm$ 118.642 χ^2 /NDF: 13.8/14

-677.245 $\pm$ 125.493 χ^2 /NDF: 15.5/12

reg_asym_at1_avg_rms vs slug



Right In: 343.019+/-0.152 χ^2/NDF : 6099.7/4

Left Out: 320.038+/-0.101 χ^2/NDF : 112209.4/9

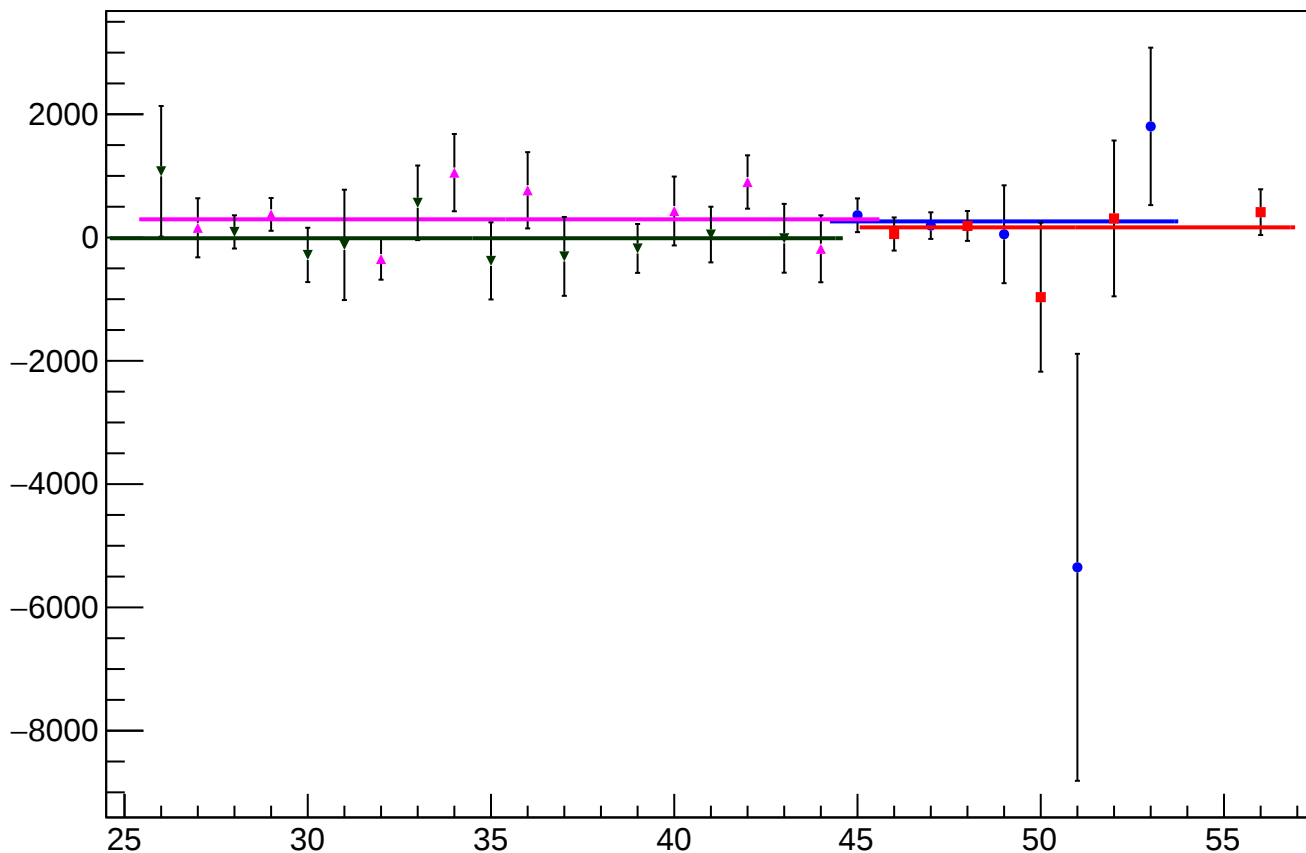
327.009+/-0.084 χ^2/NDF : 134165.6/14

Right Out: 353.902+/-0.162 χ^2/NDF : 22485.6/4

340.259+/-0.089 χ^2/NDF : 35961.9/12

Left In: 334.371+/-0.106 χ^2/NDF : 3274.0/7

asym_at1_avg_correction_mean vs slug



Right In: 261.920+/-164.160 χ^2/NDF : 4.4/4

Left Out: -11.187+/-151.999 χ^2/NDF : 3.2/9

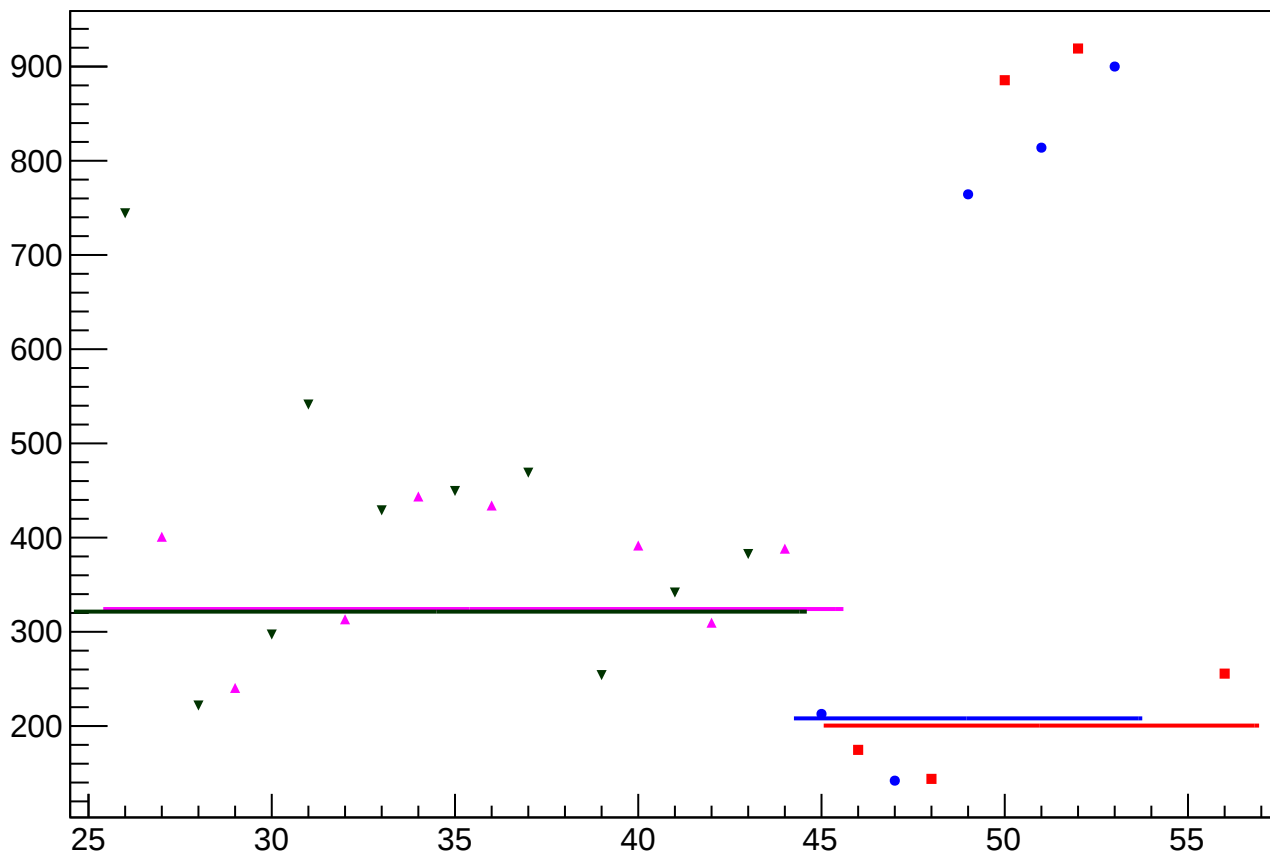
Right Out: 165.370+/-159.312 χ^2/NDF : 1.5/4

Left In: 295.759+/-149.916 χ^2/NDF : 8.7/7

114.877+/-111.531 χ^2/NDF : 9.1/14

234.523+/-109.177 χ^2/NDF : 10.5/12

asym_at1_avg_correction_rms vs slug



Right In: 208.114+/-0.116 χ^2/NDF : 1818784.5/4

Left Out: 321.436+/-0.107 χ^2/NDF :1057868.5/9

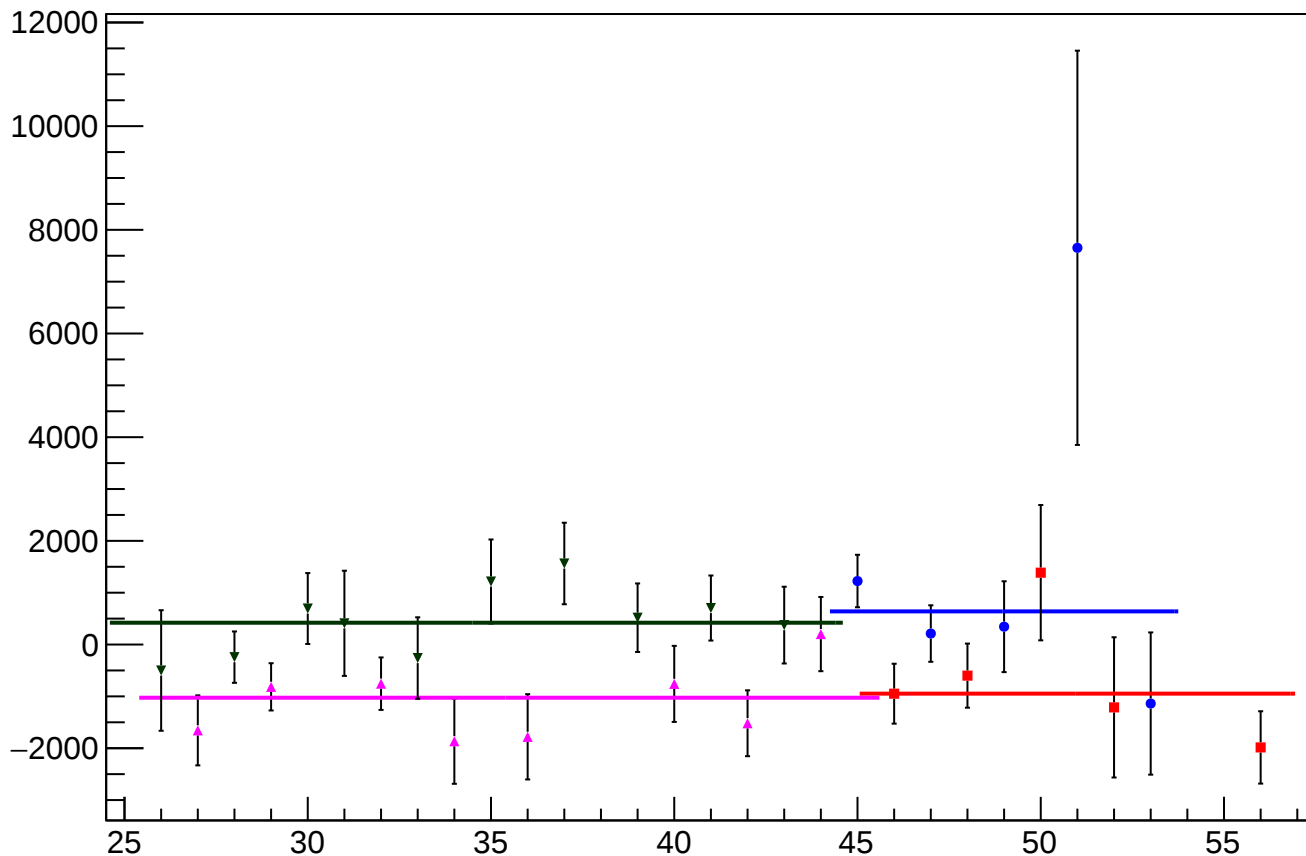
269.128+/-0.079 χ^2/NDF : 3389787.2/14

Right Out: 200.470+/-0.113 χ^2/NDF : 1459829.6/4

266.083+/-0.077 χ^2/NDF : 2546327.0/12

Left In: 324.185+/-0.106 χ^2/NDF :446845.3/7

asym_at1_avg_mean vs slug



Right In: 639.544+/-330.227 χ^2/NDF : 7.1/4

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

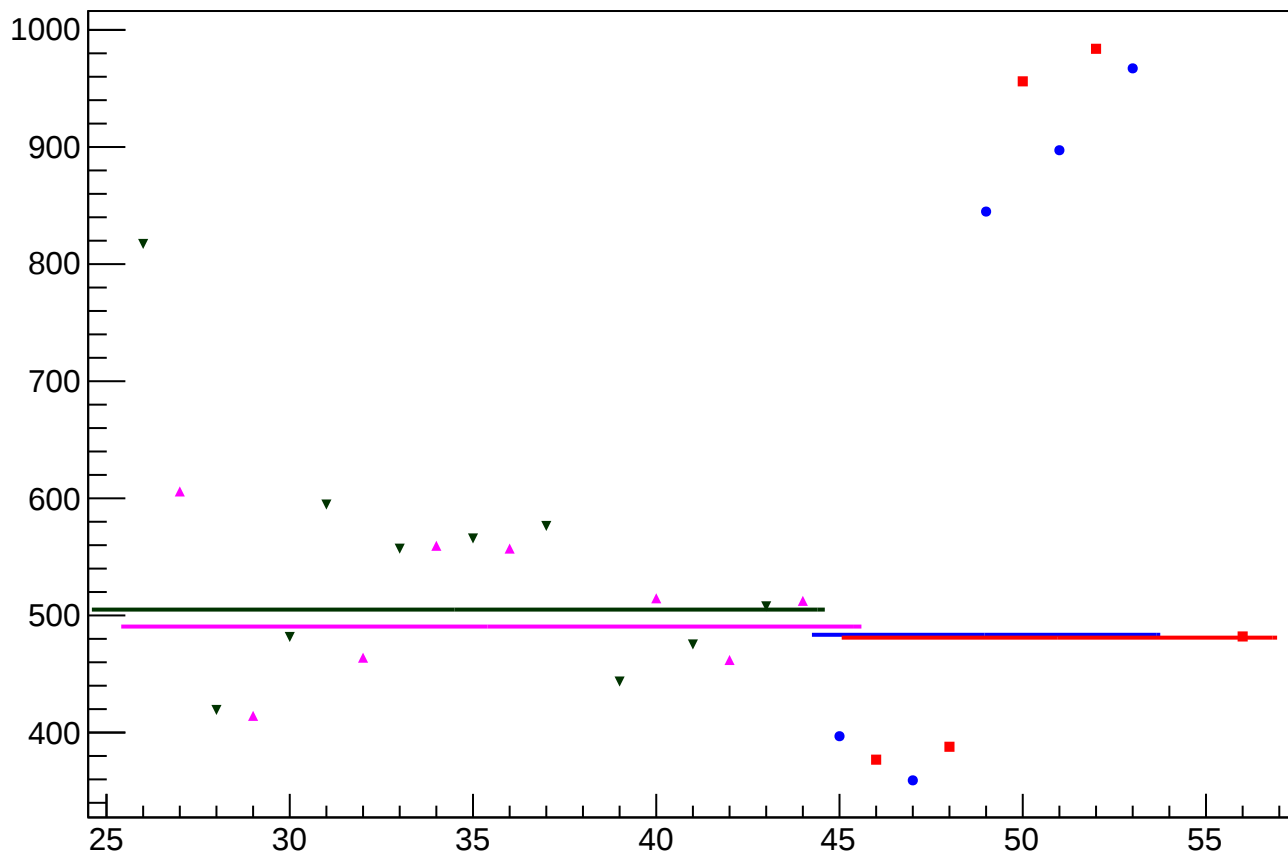
Right Out: -947.202+/-337.145 χ^2/NDF : 5.8/4

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

491.239+/-187.312 χ^2/NDF : 14.1/14

-1001.978+/-185.846 χ^2/NDF : 12.7/12

asym_at1_avg_rms vs slug



Right In: 483.478+/-0.234 χ^2/NDF : 775020.7/4

Left Out: 504.992+/-0.161 χ^2/NDF :280293.6/9

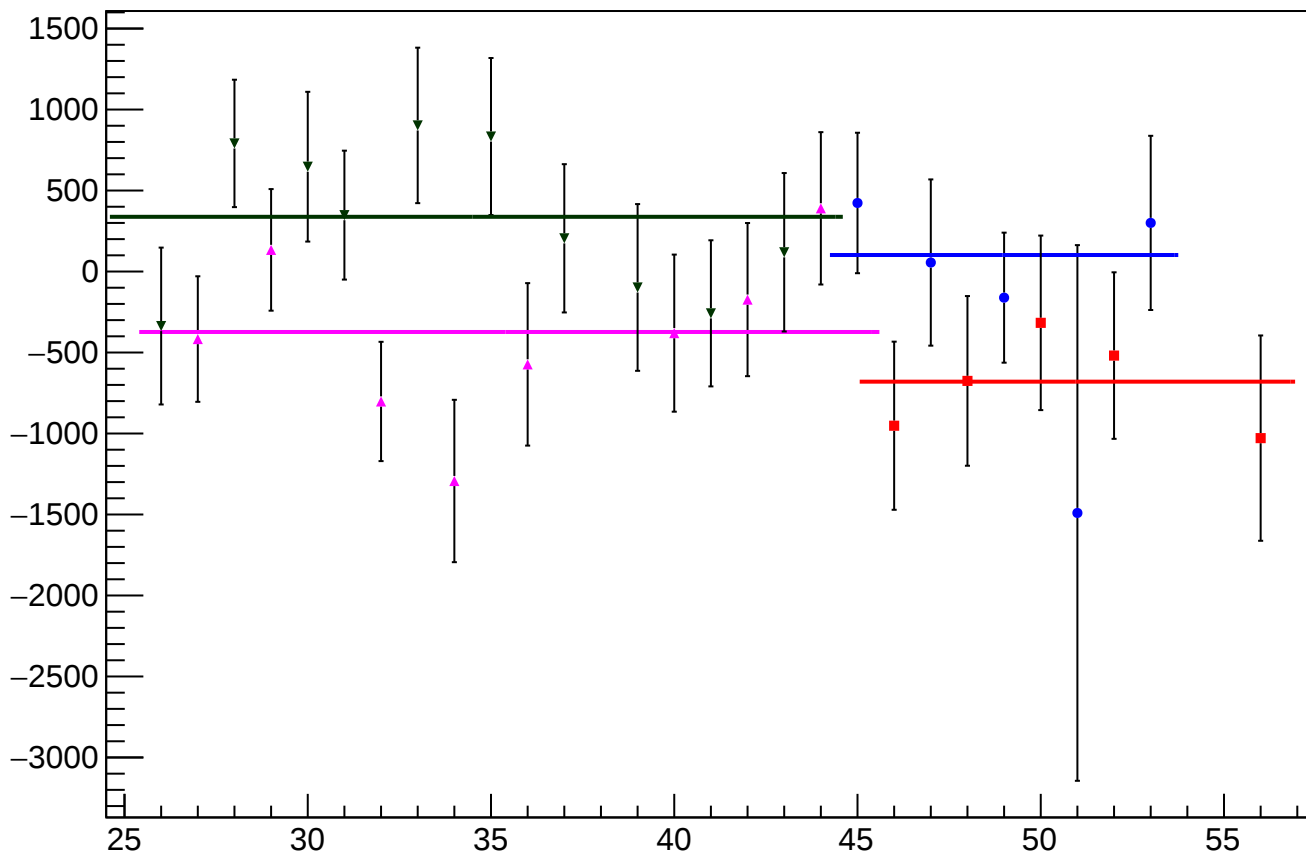
Right Out: 481.037+/-0.238 χ^2/NDF : 651811.2/4

Left In: 490.502+/-0.158 χ^2/NDF :155145.4/7

498.070+/-0.132 χ^2/NDF : 1061072.0/14

487.626+/-0.131 χ^2/NDF : 808053.9/12

reg_asym_at1_dd_mean vs slug



Right In: 101.990 $\pm$ 228.521 χ^2 /NDF: 2.1/4

Left Out: 337.826 $\pm$ 144.392 χ^2 /NDF: 8.9/9

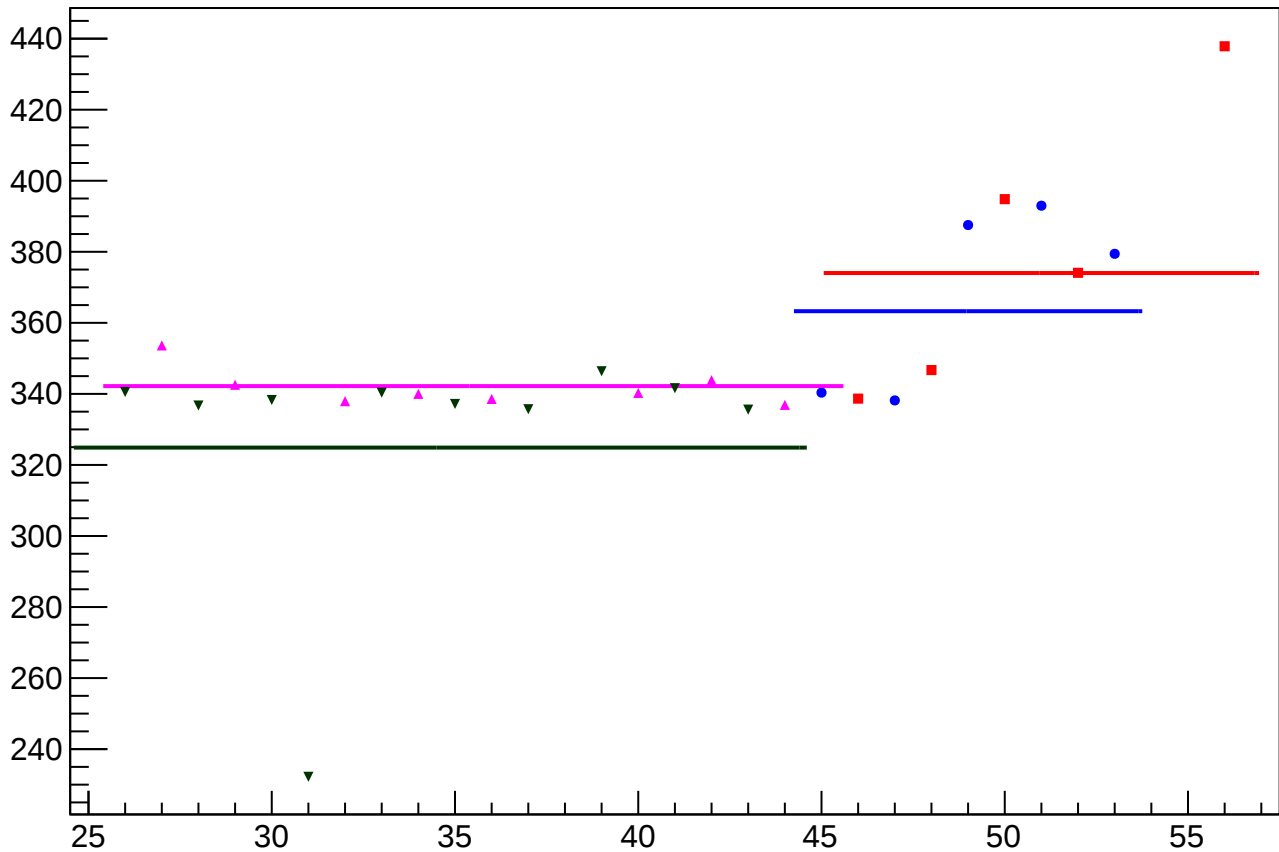
Right Out: -679.927 $\pm$ 241.983 χ^2 /NDF: 1.1/4

Left In: -373.235 $\pm$ 153.688 χ^2 /NDF: 9.5/7

270.536 $\pm$ 122.066 χ^2 /NDF: 11.7/14

-461.388 $\pm$ 129.734 χ^2 /NDF: 11.8/12

reg_asym_at1_dd_rms vs slug



Right In: 363.278 ± 0.162 χ^2/NDF : 20130.8/4

Left Out: 324.881 ± 0.102 χ^2/NDF : 125698.7/9

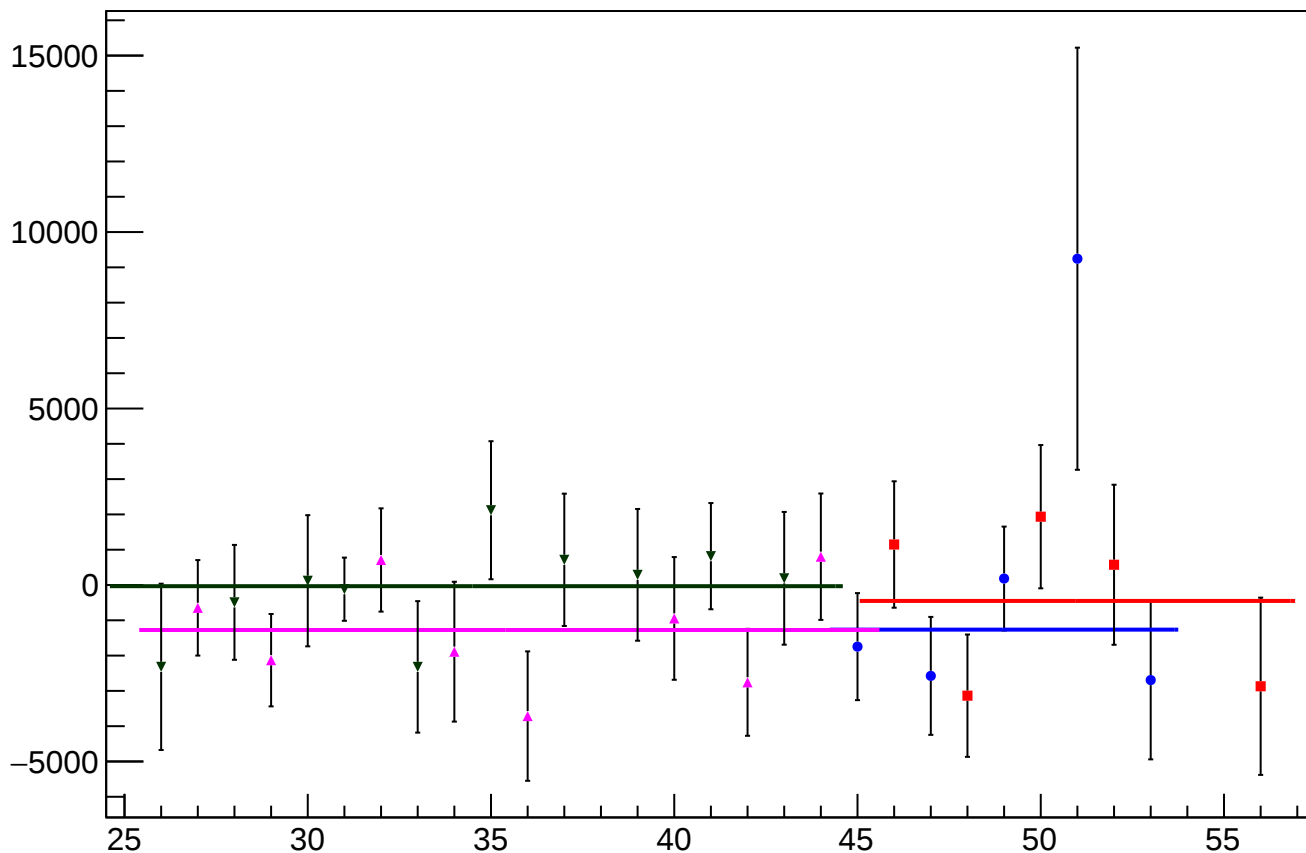
Right Out: 374.024 ± 0.171 χ^2/NDF : 37993.6/4

Left In: 342.194 ± 0.109 χ^2/NDF : 2464.7/7

335.836 ± 0.086 χ^2/NDF : 186182.7/14

351.343 ± 0.092 χ^2/NDF : 65117.8/12

asym_at1_dd_correction_mean vs slug



Right In: -1264.383 $\pm$ 821.772 χ^2 /NDF: 5.2/4

Left Out: -33.360 $\pm$ 503.702 χ^2 /NDF: 4.3/9

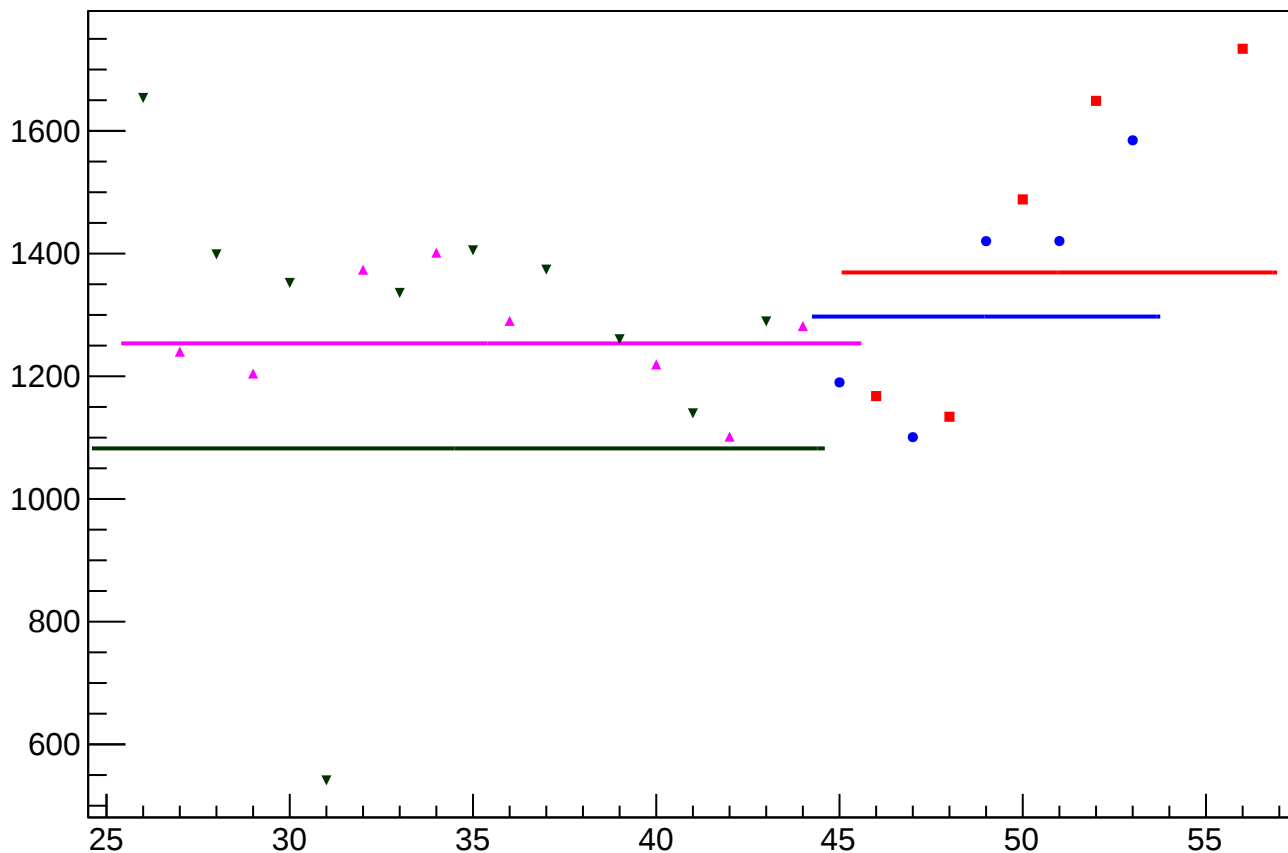
Right Out: -451.212 $\pm$ 897.835 χ^2 /NDF: 5.7/4

Left In: -1275.228 $\pm$ 556.624 χ^2 /NDF: 6.7/7

-369.551 $\pm$ 429.449 χ^2 /NDF: 11.1/14

-1046.447 $\pm$ 473.084 χ^2 /NDF: 13.0/12

asym_at1_dd_correction_rms vs slug



Right In: 1297.345+/-0.581 χ^2/NDF : 85189.0/4

Left Out: 1082.447+/-0.356 χ^2/NDF :1151669.7/9

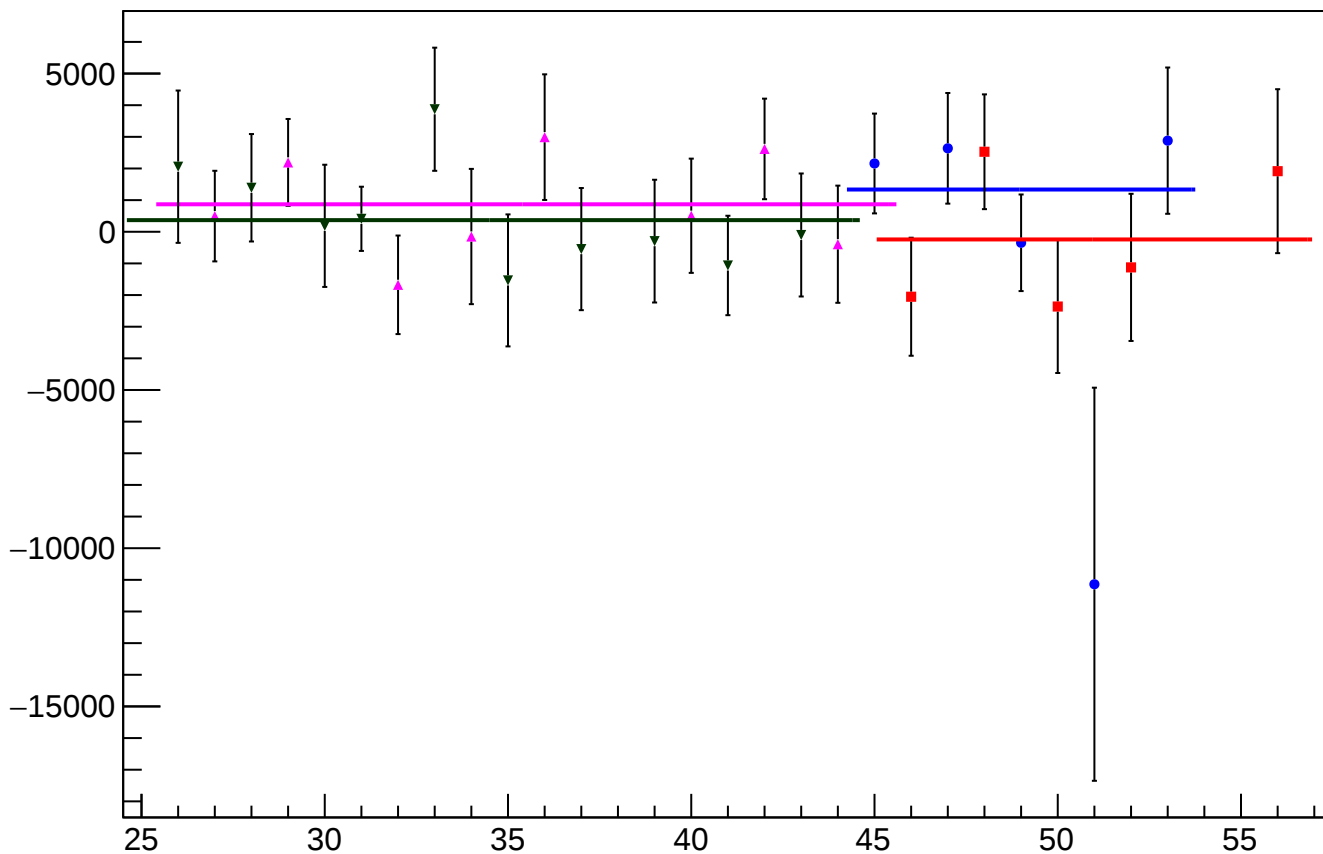
Right Out: 1369.242+/-0.635 χ^2/NDF : 141654.8/4

Left In: 1253.630+/-0.394 χ^2/NDF :49852.6/7

1141.135+/-0.304 χ^2/NDF : 1336277.0/14

1285.728+/-0.335 χ^2/NDF : 215462.2/12

asym_at1_dd_mean vs slug



Right In: 1335.176+/-853.845 χ^2/NDF : 6.5/4

Left Out: 367.665+/-537.785 χ^2/NDF : 6.2/9

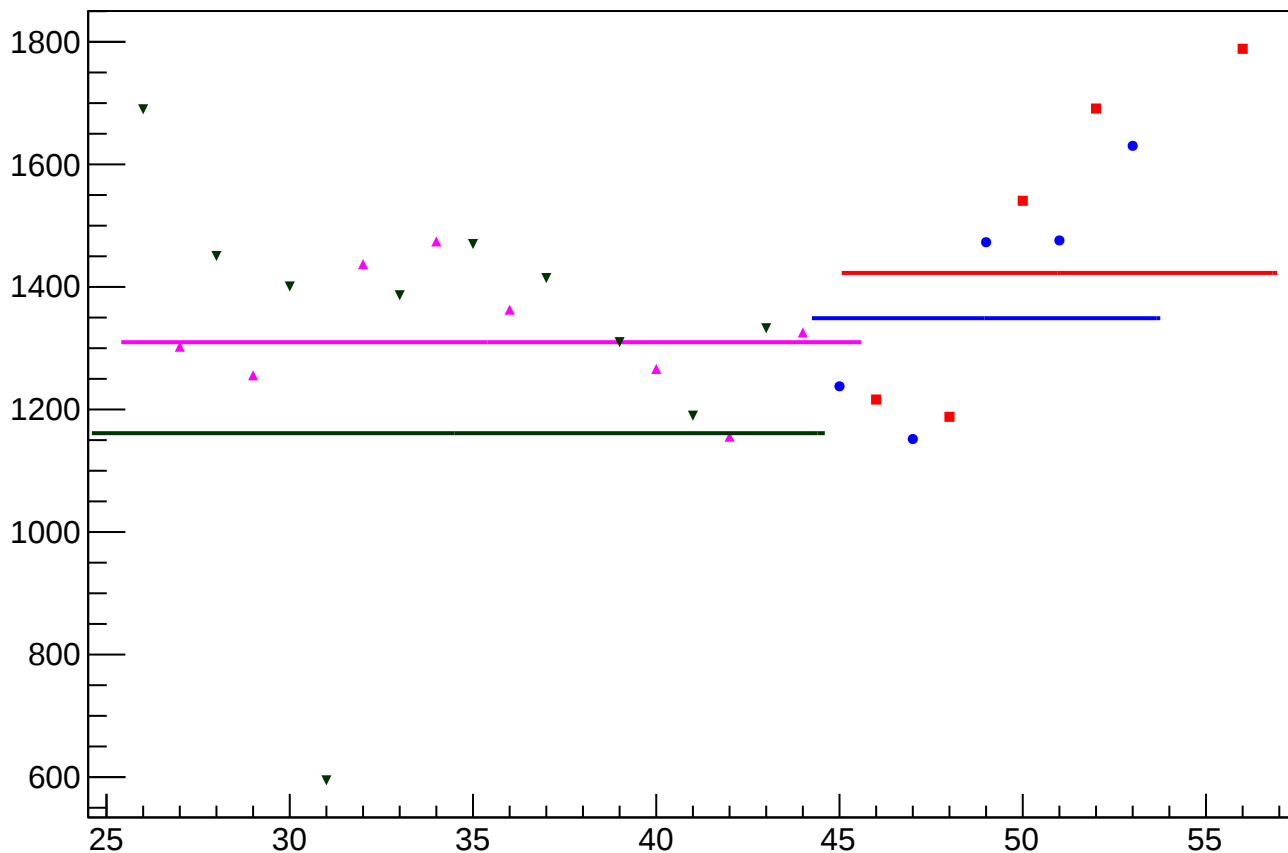
Right Out: -242.571+/-931.659 χ^2/NDF : 5.1/4

Left In: 868.425+/-587.420 χ^2/NDF : 6.8/7

642.462+/-455.048 χ^2/NDF : 13.6/14

552.393+/-496.897 χ^2/NDF : 12.9/12

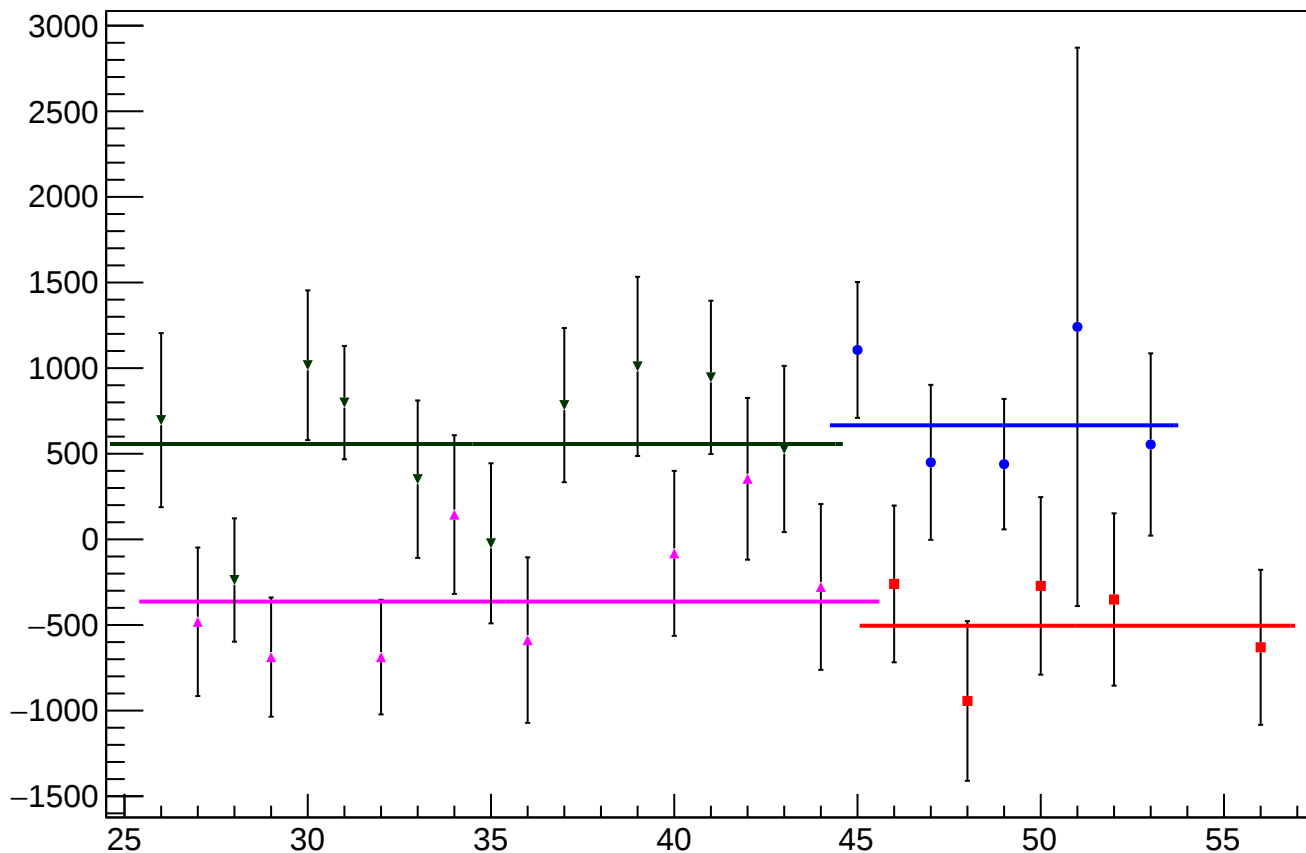
asym_at1_dd_rms vs slug



Right In: 1348.957 $\pm$ 0.604 χ^2 /NDF: 79048.9/4
 Left Out: 1161.322 $\pm$ 0.380 χ^2 /NDF: 942121.1/9
 Right Out: 1422.875 $\pm$ 0.659 χ^2 /NDF: 130876.1/4
 Left In: 1309.822 $\pm$ 0.415 χ^2 /NDF: 49968.8/7

1214.616 $\pm$ 0.322 χ^2 /NDF: 1090320.8/14
 1341.981 $\pm$ 0.351 χ^2 /NDF: 201917.4/12

reg_asym_at2_avg_mean vs slug



Right In: 666.086 $\pm$ 213.056 χ^2 /NDF: 2.0/4

Left Out: 556.863 $\pm$ 137.272 χ^2 /NDF:10.1/9

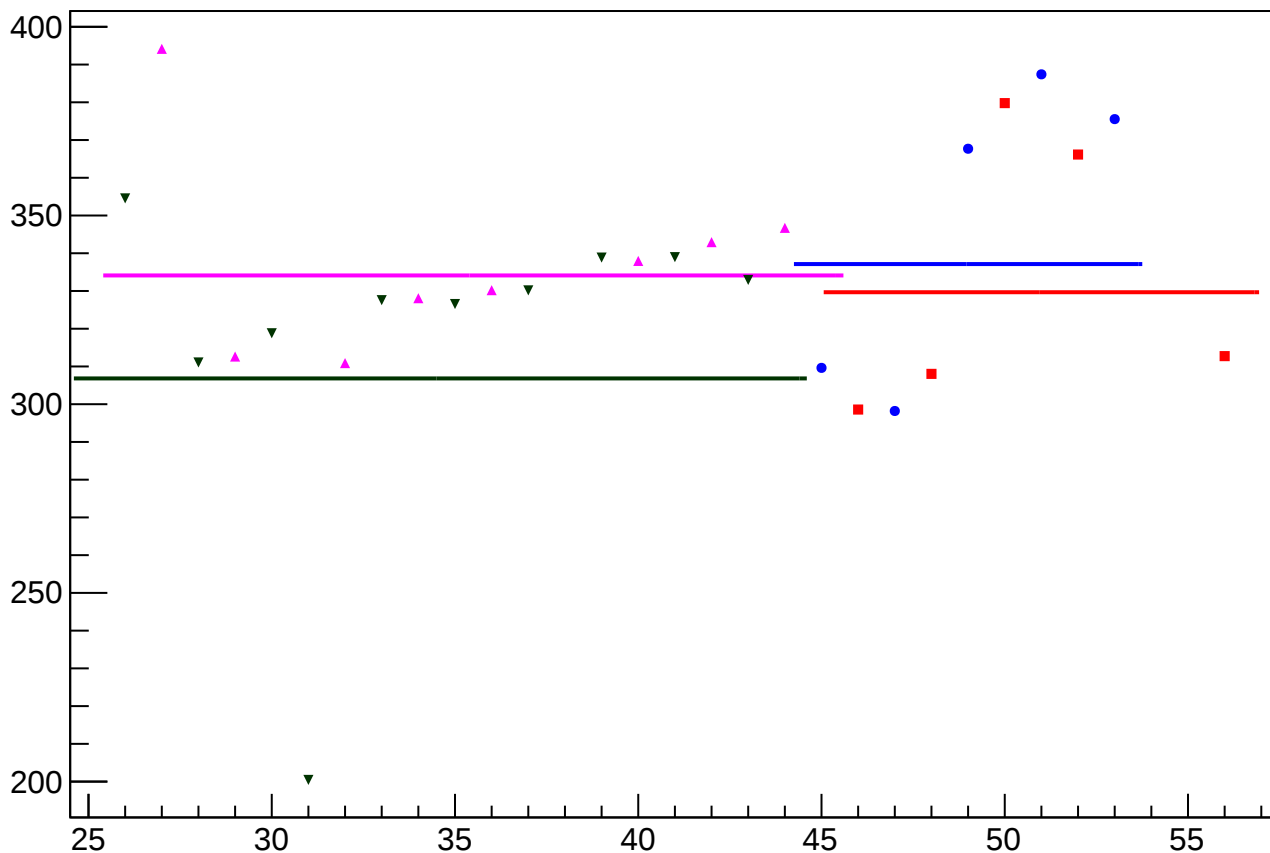
Right Out: -504.422 $\pm$ 213.582 χ^2 /NDF: 1.5/4

Left In: -363.206 $\pm$ 149.925 χ^2 /NDF:6.0/7

588.903 $\pm$ 115.394 χ^2 /NDF: 12.3/14

-409.820 $\pm$ 122.710 χ^2 /NDF: 7.8/12

reg_asym_at2_avg_rms vs slug



Right In: 337.133 ± 0.151 χ^2/NDF : 49593.6/4

Left Out: 306.830 ± 0.097 χ^2/NDF : 262678.8/9

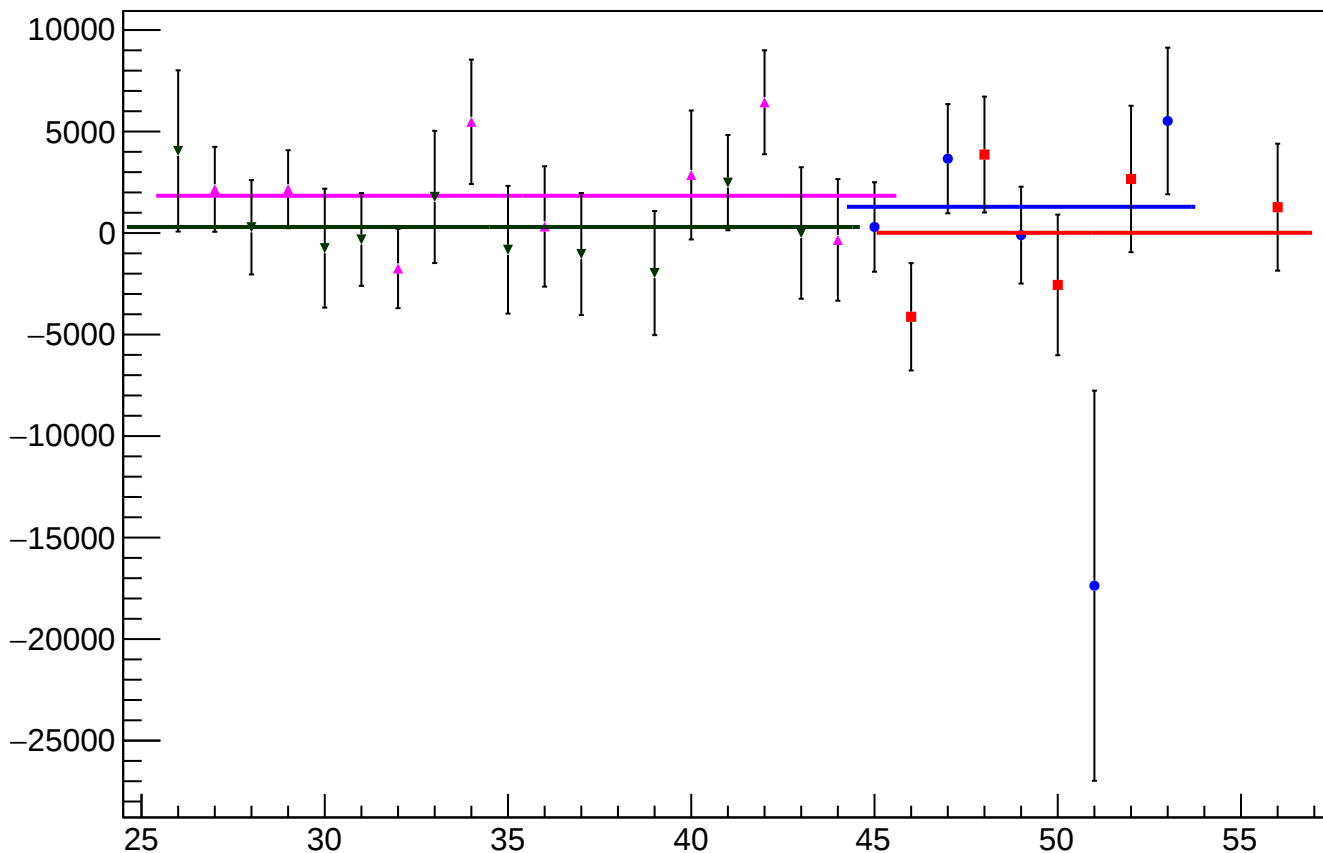
Right Out: 329.672 ± 0.151 χ^2/NDF : 45525.2/4

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

315.719 ± 0.082 χ^2/NDF : 340863.2/14

332.652 ± 0.087 χ^2/NDF : 104368.0/12

asym_at2_avg_correction_mean vs slug



Right In: 1293.183+/-1283.255 χ^2/NDF : 6.5/4

Left Out: 298.949+/-895.409 χ^2/NDF : 3.0/9

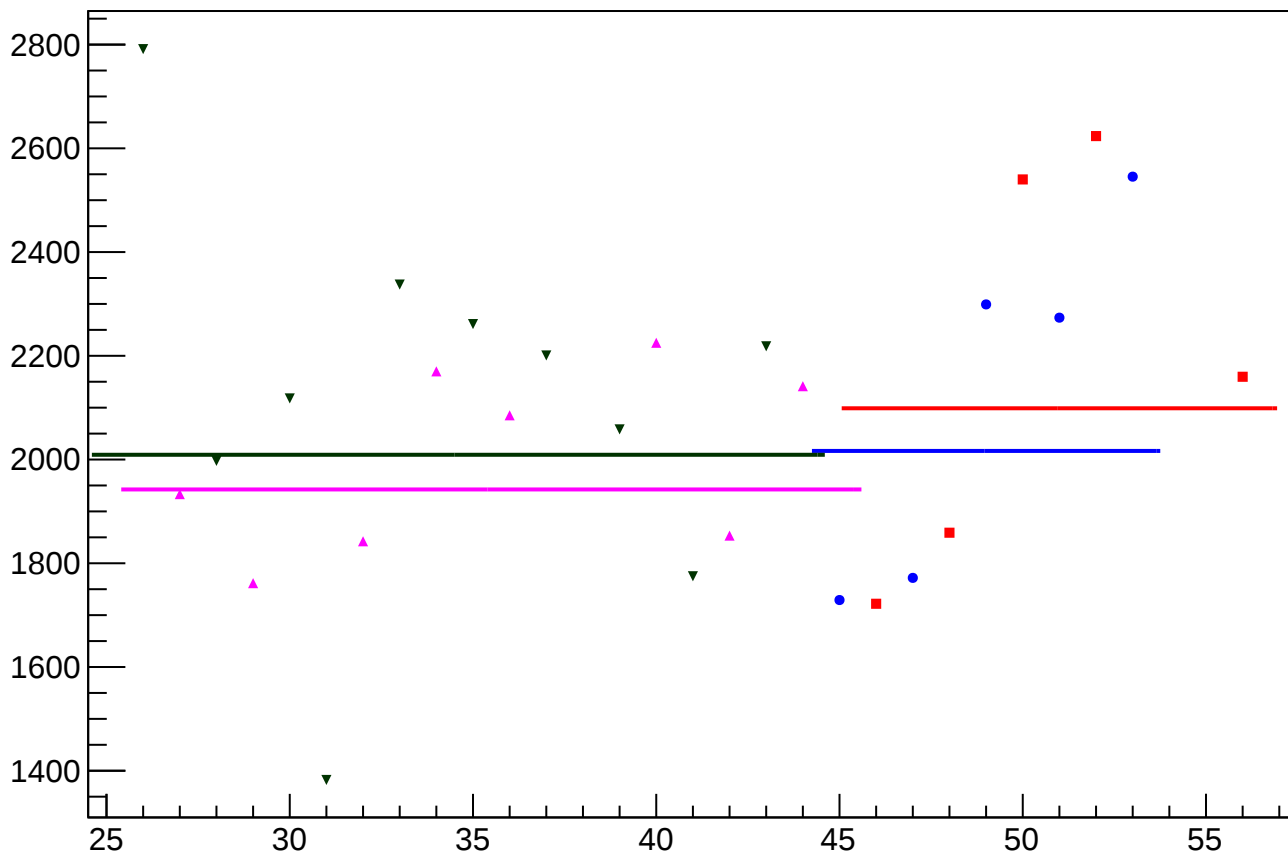
Right Out: 12.591+/-1375.901 χ^2/NDF : 5.5/4

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

624.509+/-734.318 χ^2/NDF : 9.9/14

1322.136+/-730.722 χ^2/NDF : 15.7/12

asym_at2_avg_correction_rms vs slug



Right In: 2016.597+/-0.907 χ^2/NDF : 122939.7/4

Left Out: 2009.181+/-0.633 χ^2/NDF : 301244.6/9

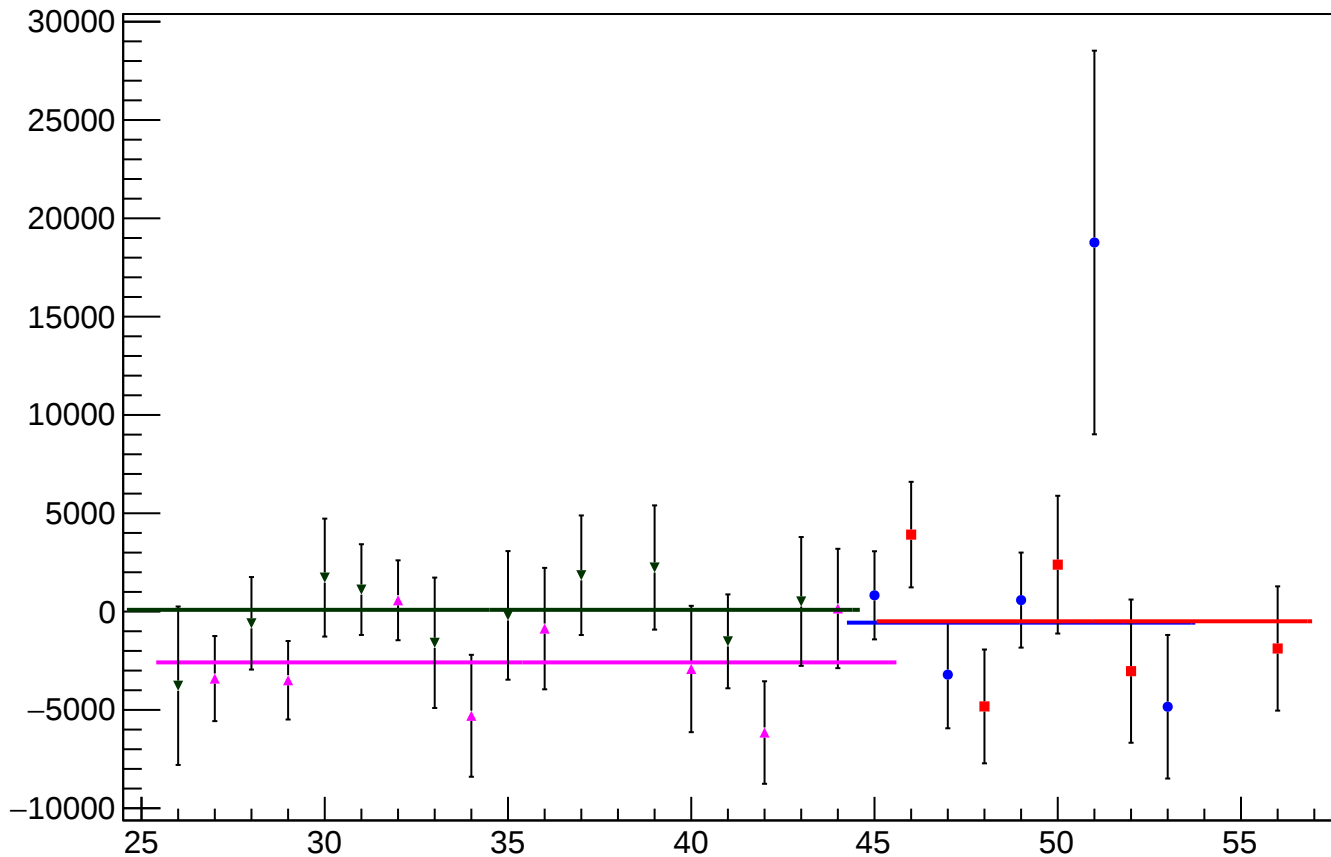
Right Out: 2098.816+/-0.973 χ^2/NDF : 130311.0/4

Left In: 1942.327+/-0.610 χ^2/NDF : 65743.5/7

2011.610+/-0.519 χ^2/NDF : 424229.3/14

1986.465+/-0.517 χ^2/NDF : 214629.0/12

asym_at2_avg_mean vs slug



Right In: -562.303+/-1301.487 χ^2/NDF : 6.9/4

Left Out: 89.516+/-911.791 χ^2/NDF : 3.0/9

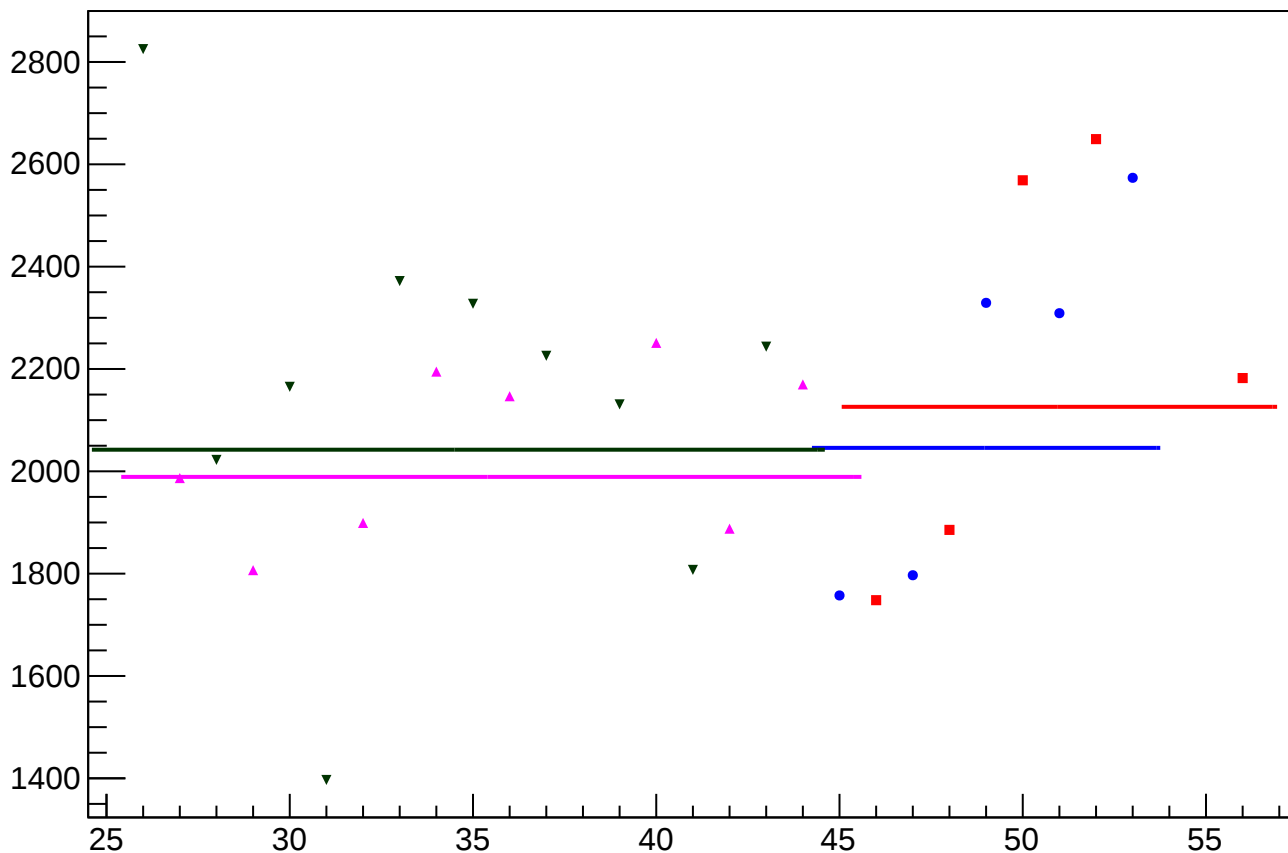
Right Out: -493.354+/-1393.149 χ^2/NDF : 6.3/4

Left In: -2584.001+/-887.895 χ^2/NDF : 6.5/7

-125.078+/-746.766 χ^2/NDF : 10.0/14

-1980.101+/-748.755 χ^2/NDF : 14.4/12

asym_at2_avg_rms vs slug



Right In: 2045.833+/-0.920 χ^2/NDF : 120575.3/4

Left Out: 2042.242+/-0.645 χ^2/NDF : 306288.1/9

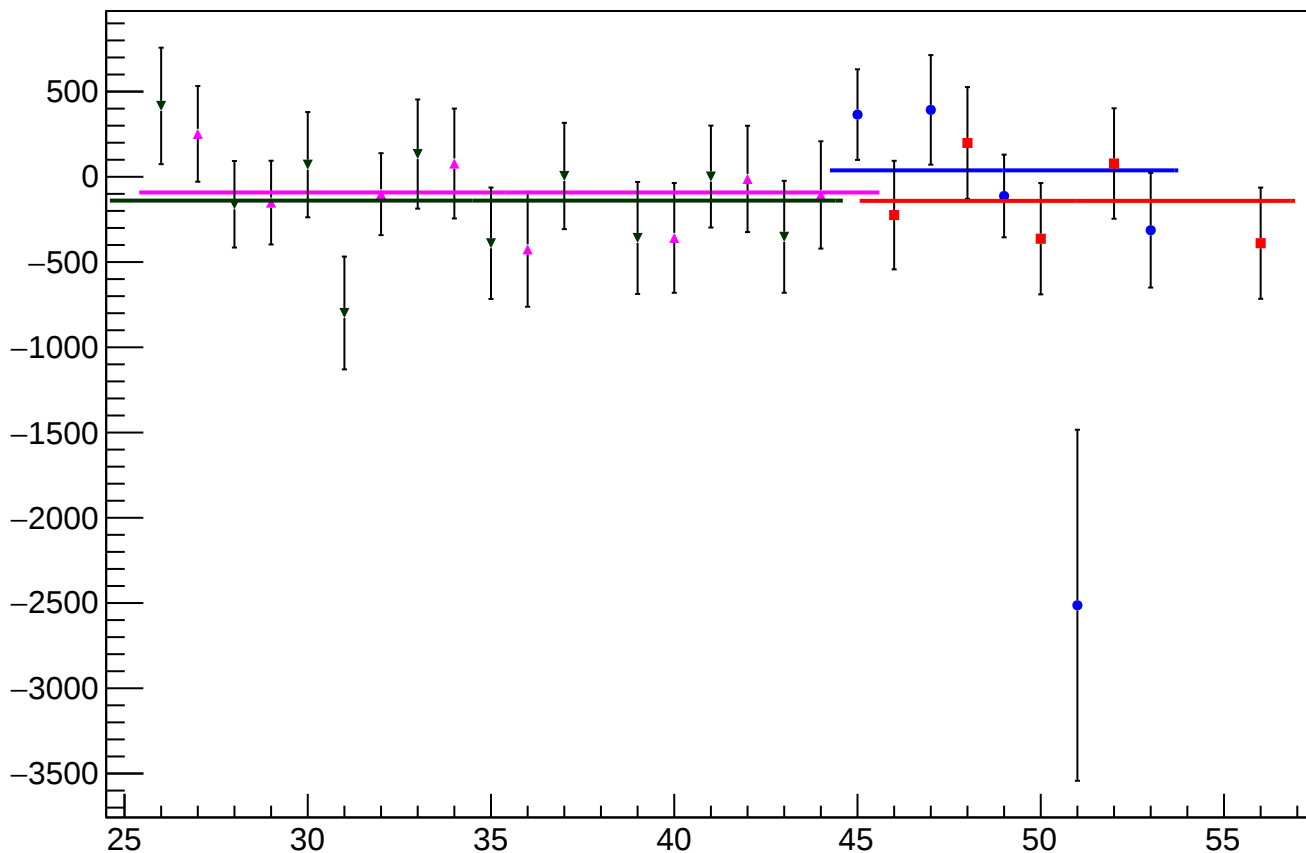
Right Out: 2126.048+/-0.985 χ^2/NDF : 127321.6/4

Left In: 1989.107+/-0.628 χ^2/NDF : 58031.4/7

2043.424+/-0.528 χ^2/NDF : 426873.6/14

2028.663+/-0.529 χ^2/NDF : 199095.4/12

reg_asym_at2_dd_mean vs slug



Right In: 37.866+/-140.541 χ^2/NDF : 10.3/4

Left Out: -139.503+/-98.600 χ^2/NDF : 9.7/9

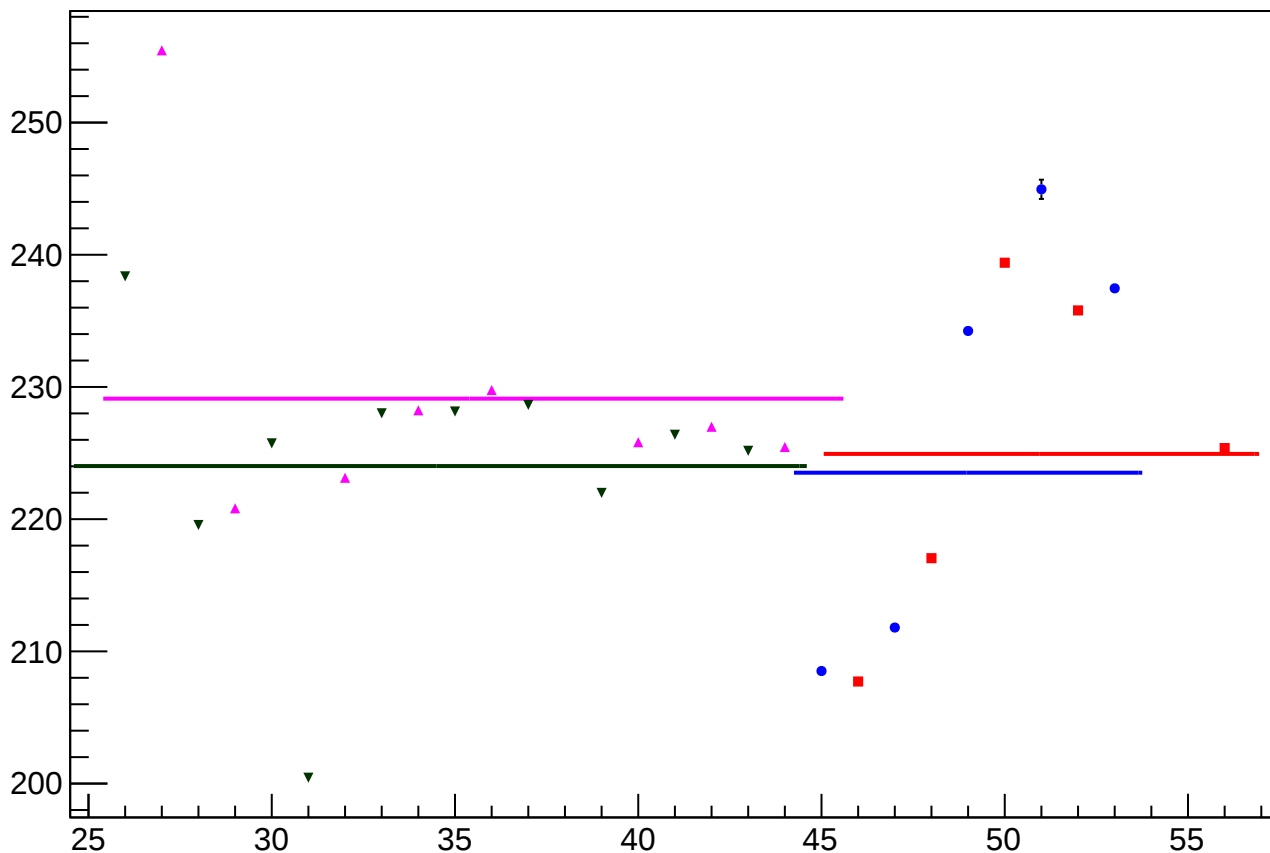
Right Out: -140.988+/-145.123 χ^2/NDF : 2.6/4

Left In: -91.824+/-102.556 χ^2/NDF : 3.6/7

-80.997+/-80.716 χ^2/NDF : 21.1/14

-108.198+/-83.753 χ^2/NDF : 6.3/12

reg_asym_at2_dd_rms vs slug



Right In: 223.515 ± 0.099 χ^2/NDF : 17243.7/4

Left Out: 224.018 ± 0.070 χ^2/NDF : 15653.5/9

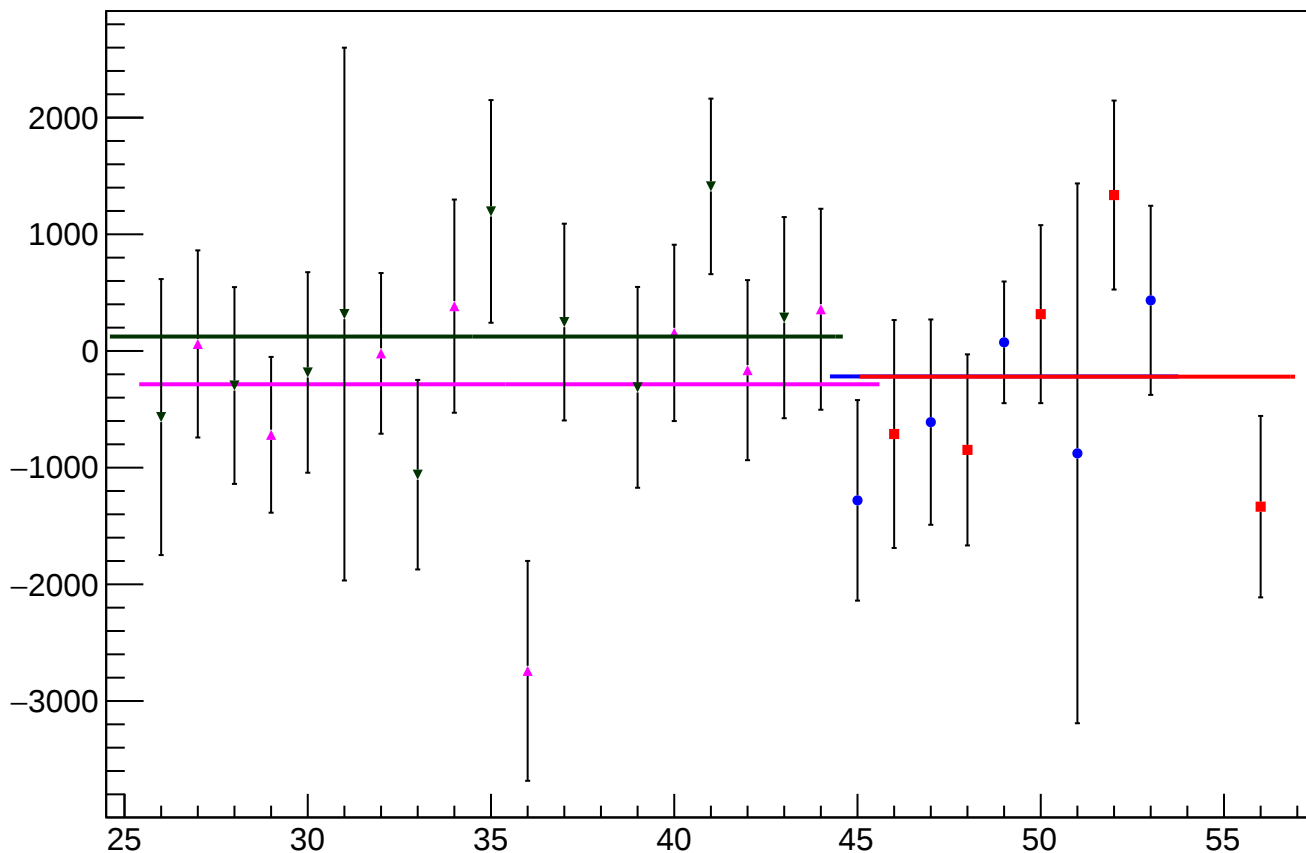
Right Out: 224.937 ± 0.103 χ^2/NDF : 13181.3/4

Left In: 229.116 ± 0.073 χ^2/NDF : 21746.8/7

223.852 ± 0.057 χ^2/NDF : 32914.4/14

227.724 ± 0.059 χ^2/NDF : 36034.1/12

asym_at2_dd_correction_mean vs slug



Right In: -218.069+/-352.827 χ^2 /NDF: 2.8/4

Left Out: 123.706+/-286.884 χ^2 /NDF: 7.4/9

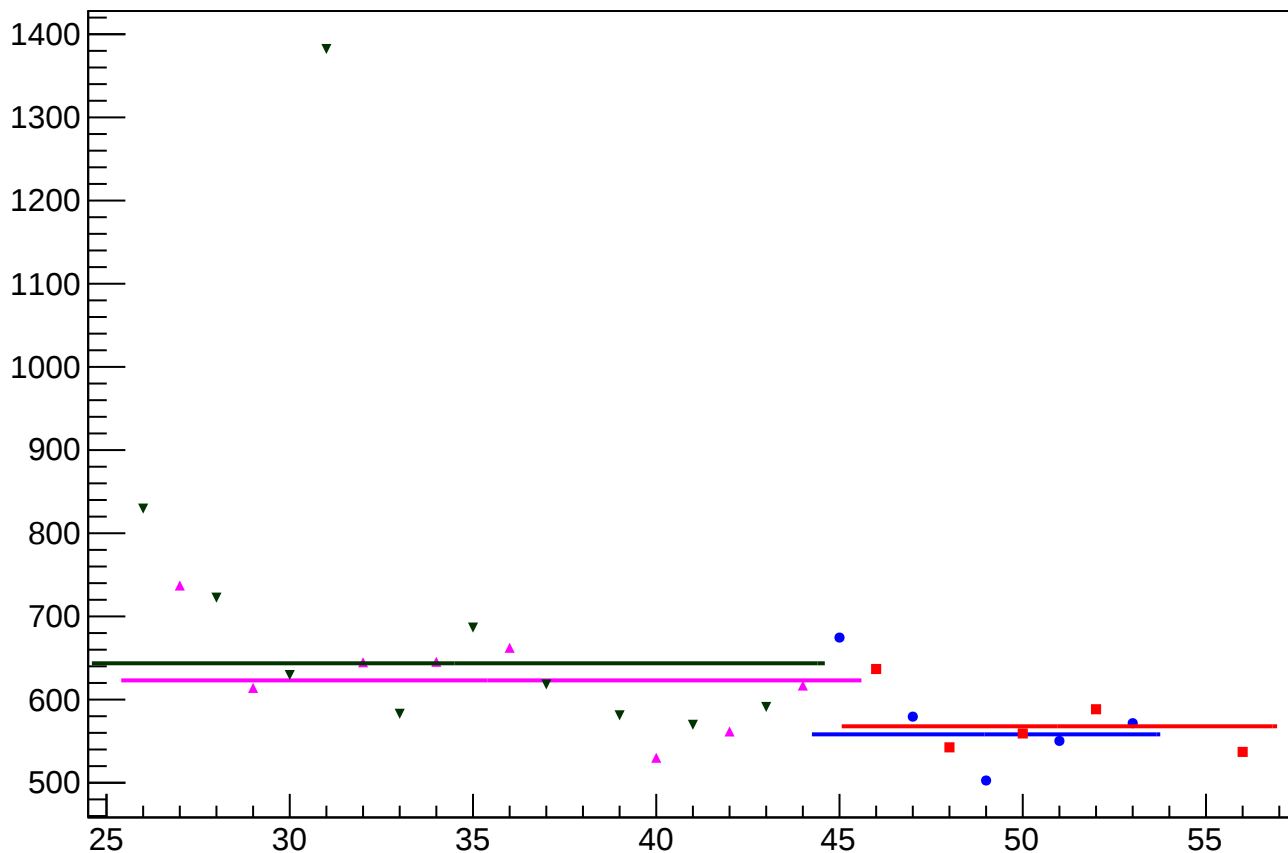
Right Out: -220.105+/-366.698 χ^2 /NDF: 7.1/4

Left In: -285.318+/-277.235 χ^2 /NDF: 9.0/7

-12.321+/-222.589 χ^2 /NDF: 10.7/14

-261.600+/-221.146 χ^2 /NDF: 16.1/12

asym_at2_dd_correction_rms vs slug



Right In: 558.202 ± 0.249 χ^2/NDF : 61045.8/4

Left Out: 643.644 ± 0.203 χ^2/NDF : 331127.9/9

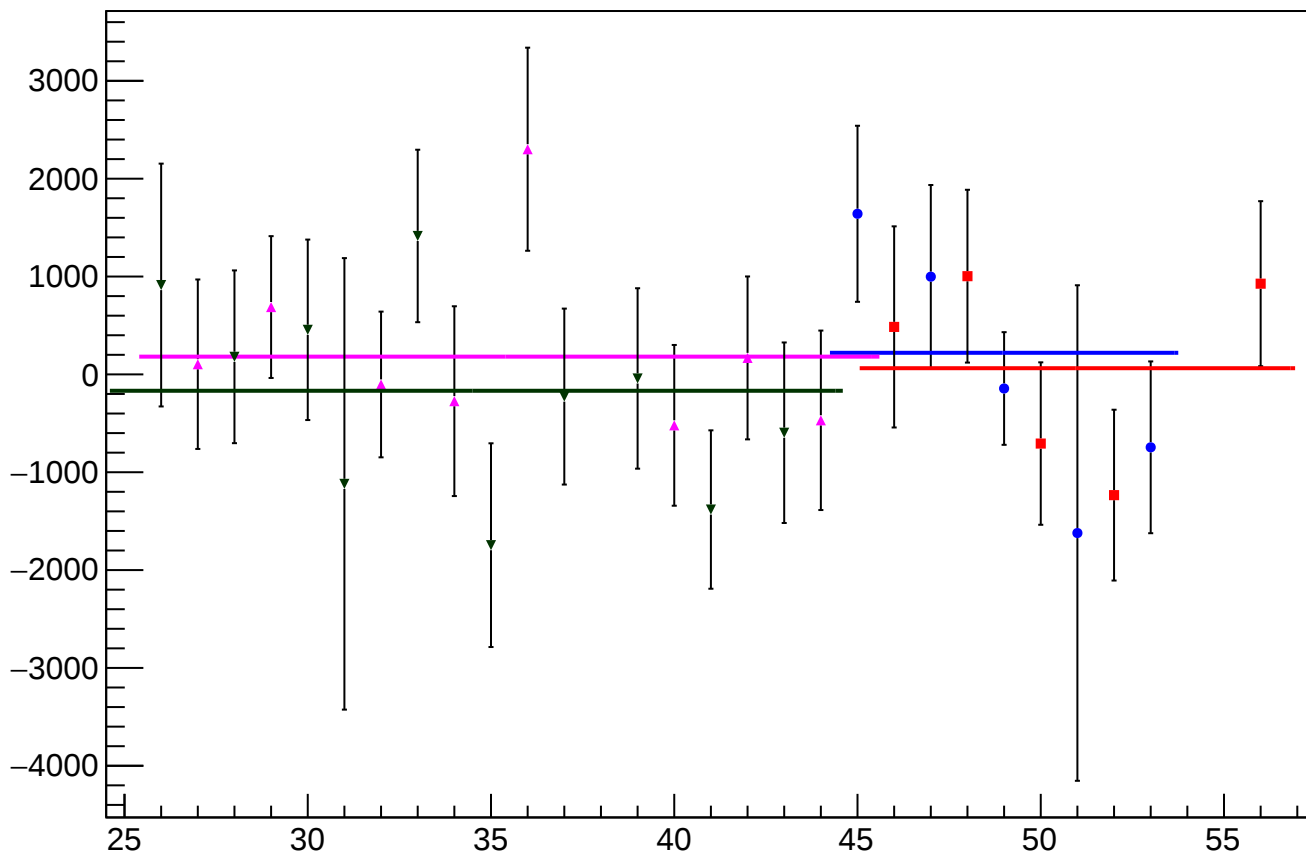
Right Out: 567.893 ± 0.259 χ^2/NDF : 16527.9/4

Left In: 623.079 ± 0.196 χ^2/NDF : 90546.5/7

609.638 ± 0.157 χ^2/NDF : 462780.7/14

603.008 ± 0.156 χ^2/NDF : 135896.9/12

asym_at2_dd_mean vs slug



Right In: 220.639+/-382.221 χ^2/NDF : 5.3/4

Left Out: -167.454+/-306.843 χ^2/NDF : 9.5/9

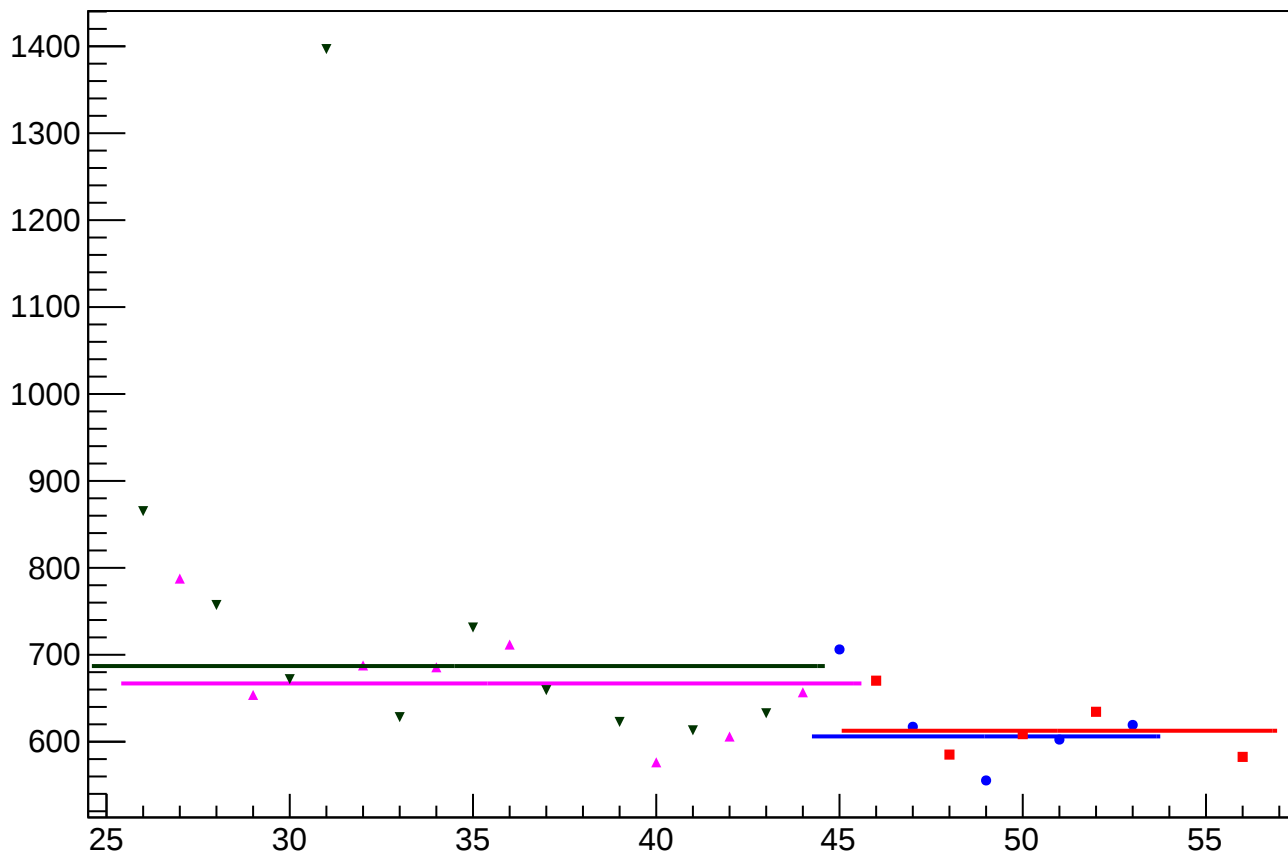
Right Out: 63.147+/-395.317 χ^2/NDF : 5.4/4

Left In: 181.369+/-299.524 χ^2/NDF : 6.3/7

-15.360+/-239.278 χ^2/NDF : 15.5/14

138.252+/-238.736 χ^2/NDF : 11.7/12

asym_at2_dd_rms vs slug



Right In: 606.097 ± 0.270 χ^2/NDF : 40955.7/4

Left Out: 687.034 ± 0.217 χ^2/NDF : 291456.1/9

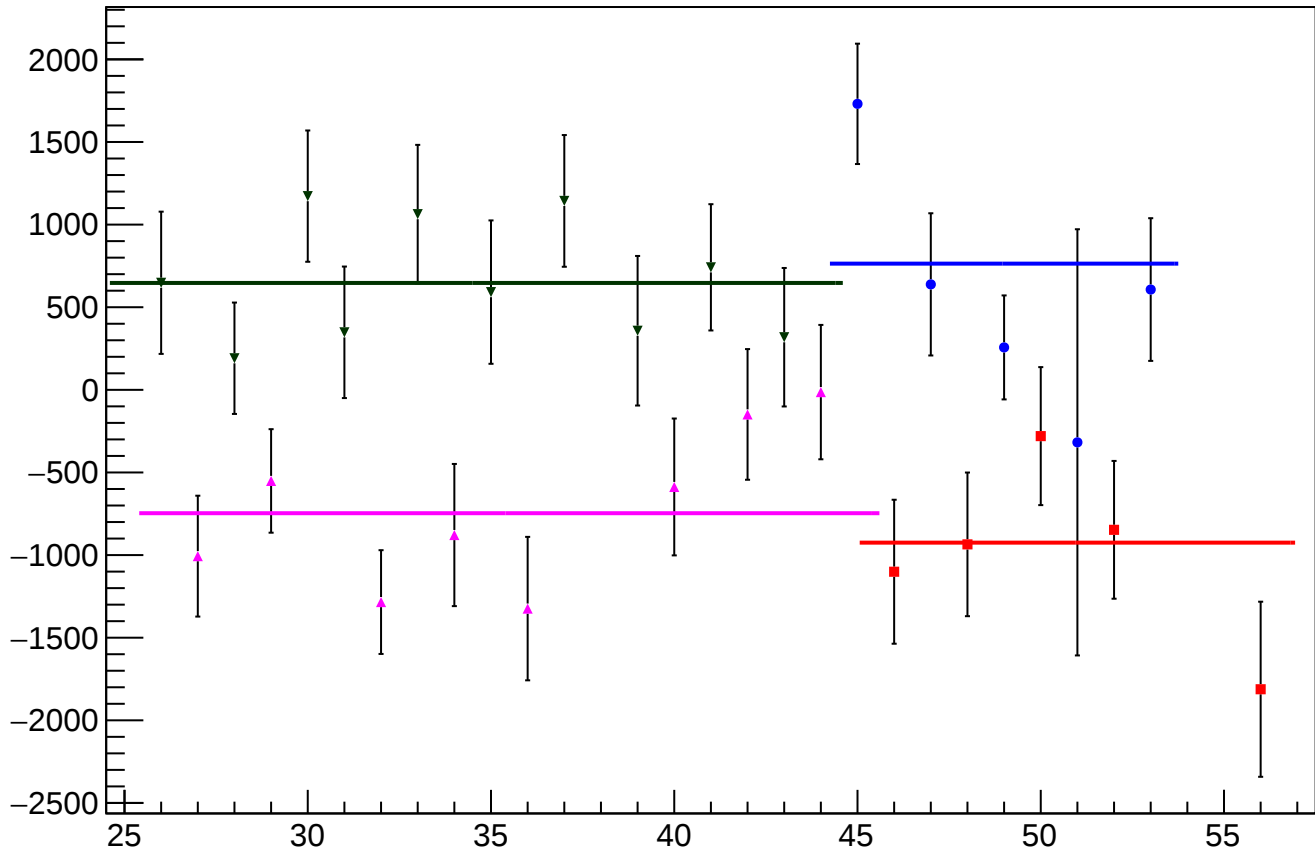
Right Out: 612.616 ± 0.280 χ^2/NDF : 12047.0/4

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

655.315 ± 0.169 χ^2/NDF : 386946.4/14

647.177 ± 0.169 χ^2/NDF : 116981.8/12

reg_asym_atl1r2_avg_mean vs slug



Right In: 763.800+/-185.681 χ^2/NDF : 10.6/4

Left Out: 646.945+/-127.436 χ^2/NDF : 7.8/9

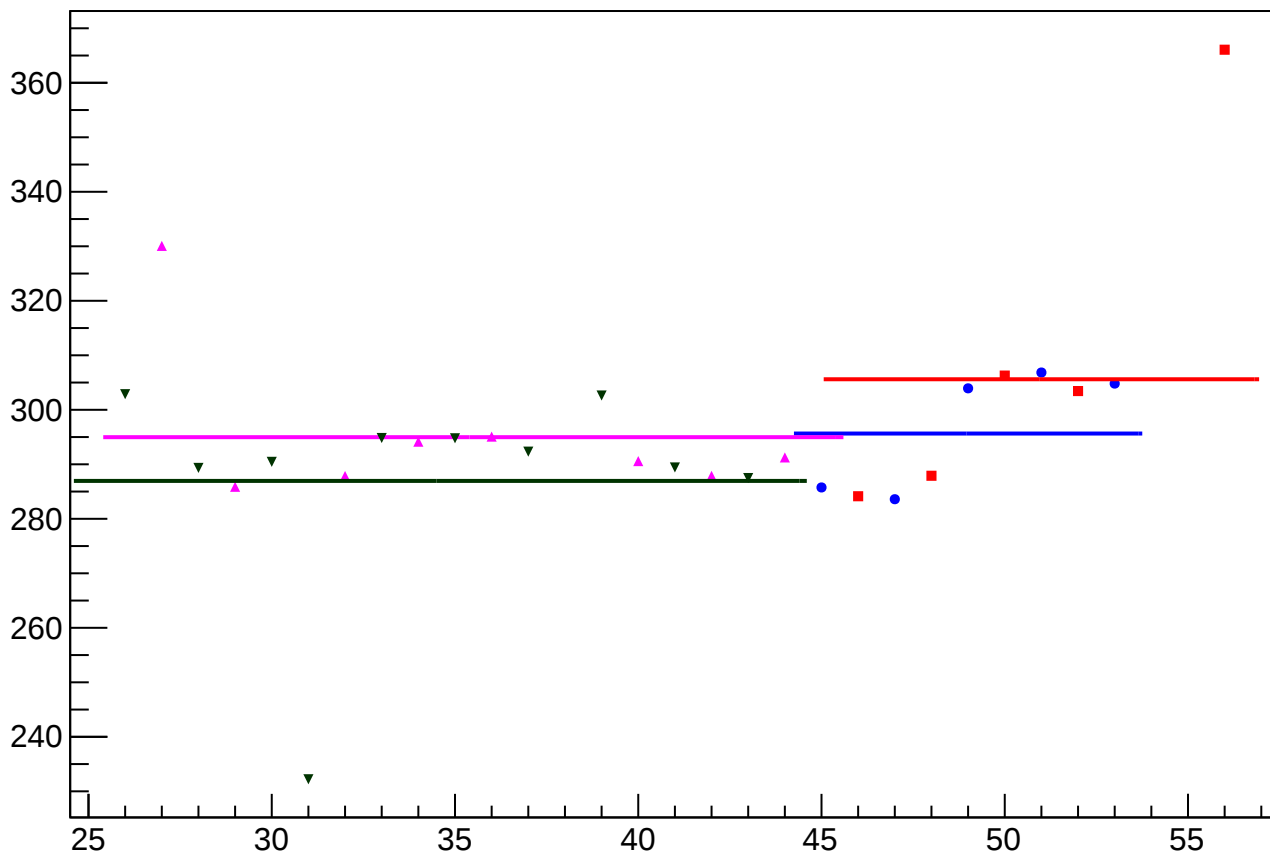
Right Out: -924.693+/-197.602 χ^2/NDF : 5.4/4

Left In: -746.580+/-132.693 χ^2/NDF : 11.4/7

684.363+/-105.070 χ^2/NDF : 18.6/14

-801.936+/-110.160 χ^2/NDF : 17.3/12

reg_asym_atl1r2_avg_rms vs slug



Right In: 295.645 ± 0.131 χ^2/NDF : 5484.9/4

Left Out: 286.953 ± 0.090 χ^2/NDF : 45031.7/9

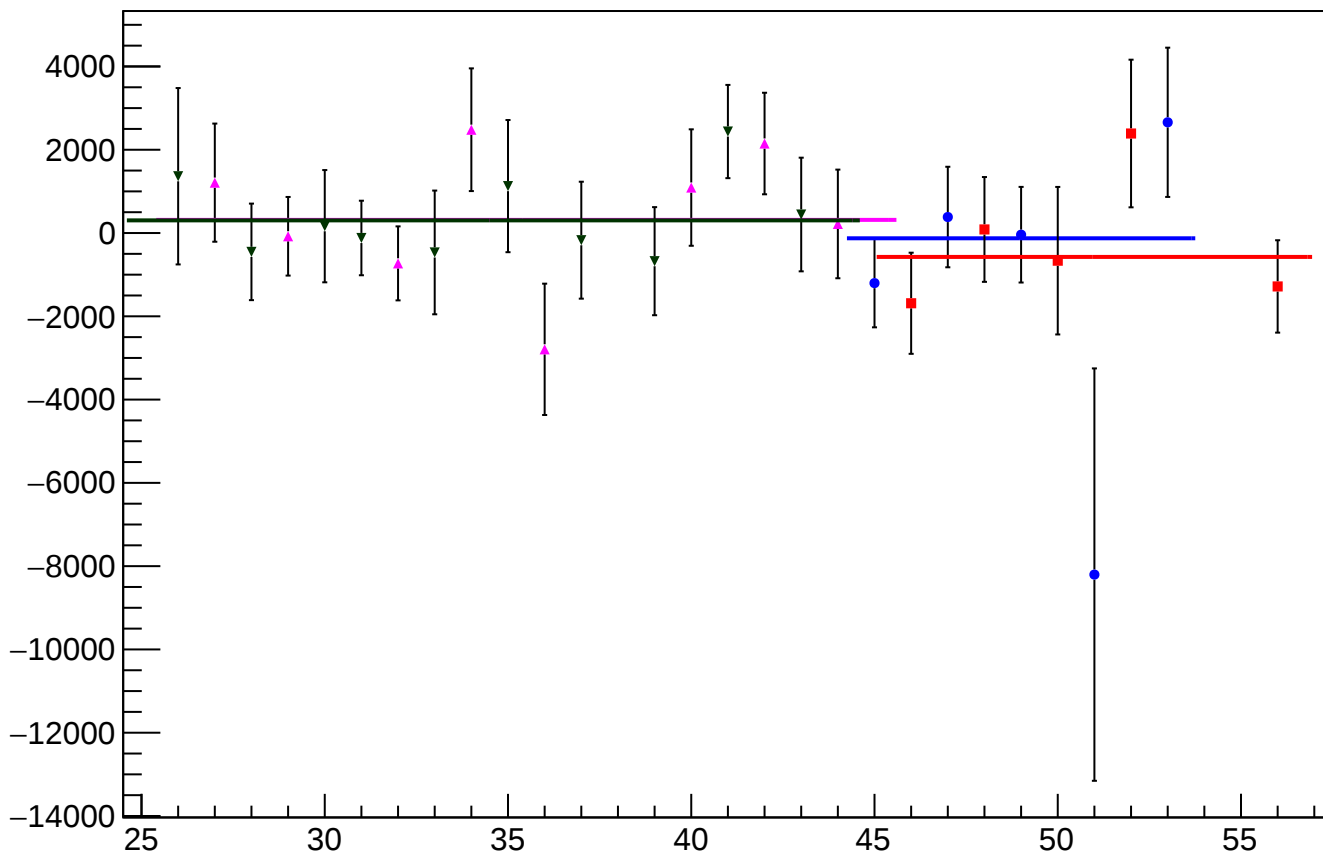
Right Out: 305.604 ± 0.140 χ^2/NDF : 34276.6/4

Left In: 294.977 ± 0.094 χ^2/NDF : 22175.8/7

289.736 ± 0.074 χ^2/NDF : 53496.3/14

298.280 ± 0.078 χ^2/NDF : 60439.3/12

asym_atl1r2_avg_correction_mean vs slug



Right In: -126.489+/-610.483 χ^2/NDF : 6.3/4

Left Out: 303.959+/-406.510 χ^2/NDF : 5.8/9

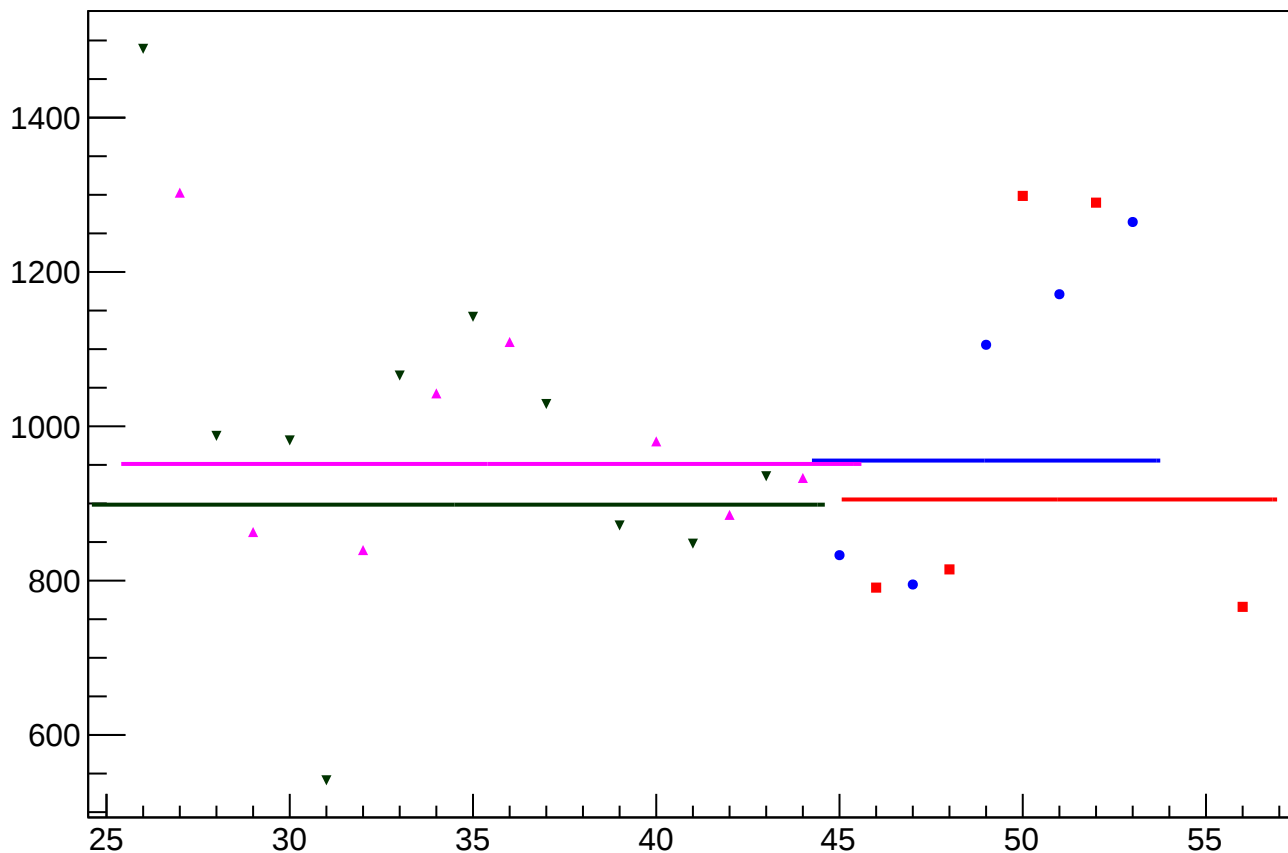
Right Out: -573.853+/-602.028 χ^2/NDF : 4.3/4

Left In: 315.709+/-425.643 χ^2/NDF : 10.6/7

171.729+/-338.359 χ^2/NDF : 12.4/14

19.239+/-347.551 χ^2/NDF : 16.4/12

asym_atl1r2_avg_correction_rms vs slug



Right In: 955.597+/-0.432 χ^2/NDF : 159502.5/4

Left Out: 898.453+/-0.287 χ^2/NDF : 589701.9/9

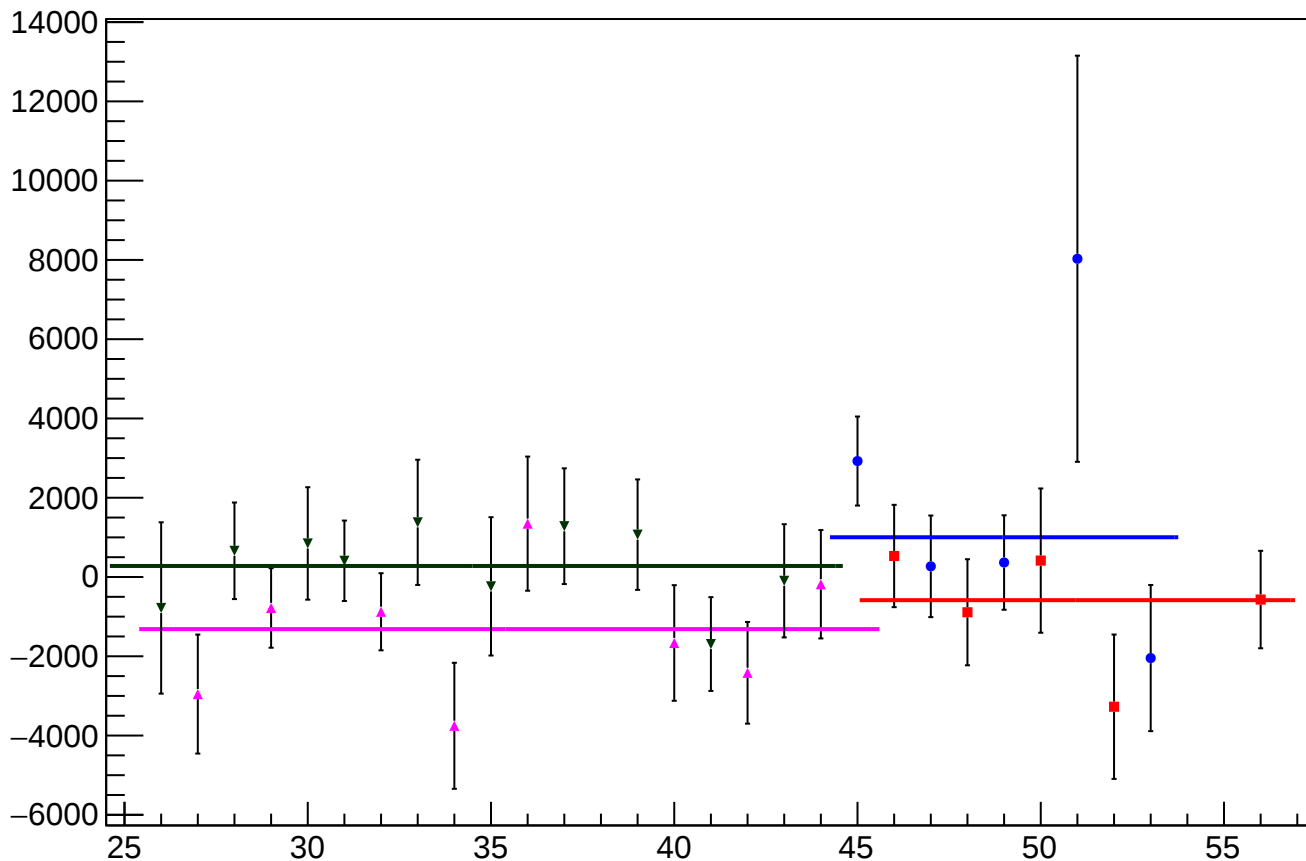
Right Out: 905.181+/-0.426 χ^2/NDF : 252346.7/4

Left In: 951.224+/-0.301 χ^2/NDF : 206752.8/7

916.007+/-0.239 χ^2/NDF : 761344.9/14

935.879+/-0.246 χ^2/NDF : 466899.2/12

asym_atl1r2_avg_mean vs slug



Right In: 1002.945 $\pm$ 640.432 χ^2 /NDF: 8.2/4

Left Out: 278.652 $\pm$ 435.403 χ^2 /NDF: 4.7/9

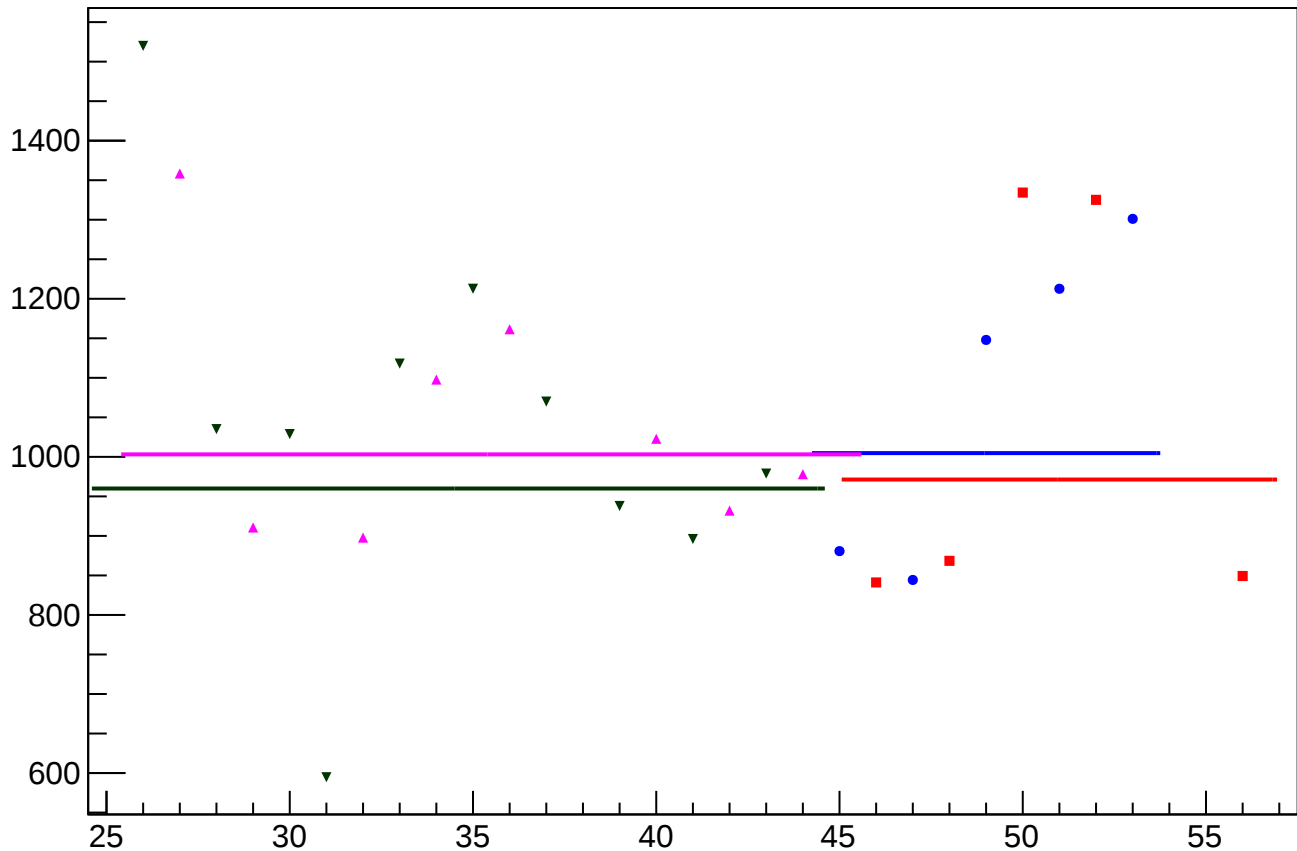
Right Out: -584.465 $\pm$ 642.404 χ^2 /NDF: 3.3/4

Left In: -1314.458 $\pm$ 454.003 χ^2 /NDF: 8.0/7

507.603 $\pm$ 360.070 χ^2 /NDF: 13.8/14

-1071.302 $\pm$ 370.758 χ^2 /NDF: 12.1/12

asym_atl1r2_avg_rms vs slug



Right In: 1004.753+/-0.453 χ^2/NDF : 139568.3/4

Left Out: 959.970+/-0.308 χ^2/NDF : 485856.9/9

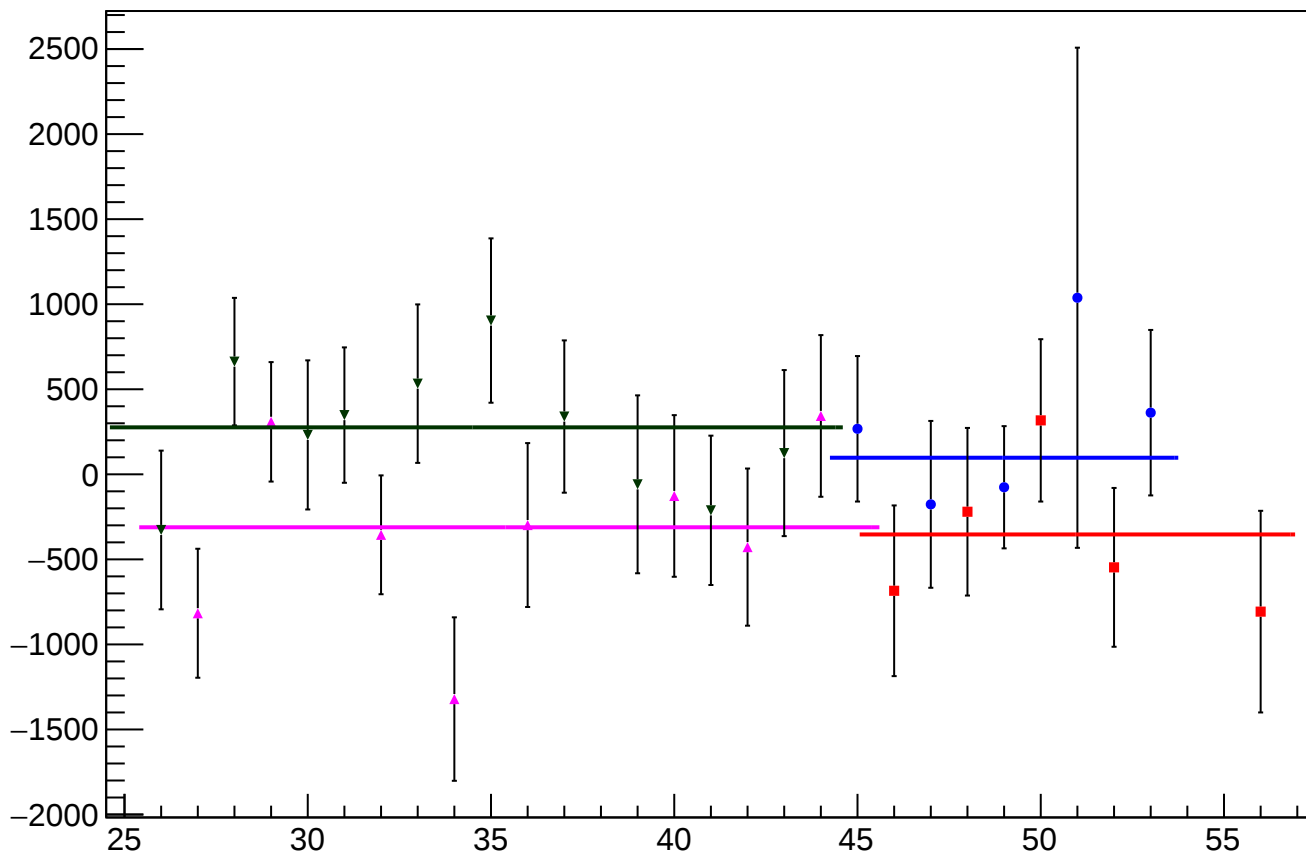
Right Out: 971.328+/-0.454 χ^2/NDF : 206901.1/4

Left In: 1003.146+/-0.321 χ^2/NDF : 184277.9/7

974.126+/-0.255 χ^2/NDF : 632113.1/14

992.548+/-0.262 χ^2/NDF : 394451.1/12

reg_asym_atl1r2_dd_mean vs slug



Right In: 97.510 ± 212.896 $\chi^2/\text{NDF}: 1.4/4$

Left Out: 276.090 ± 141.202 $\chi^2/\text{NDF}: 6.5/9$

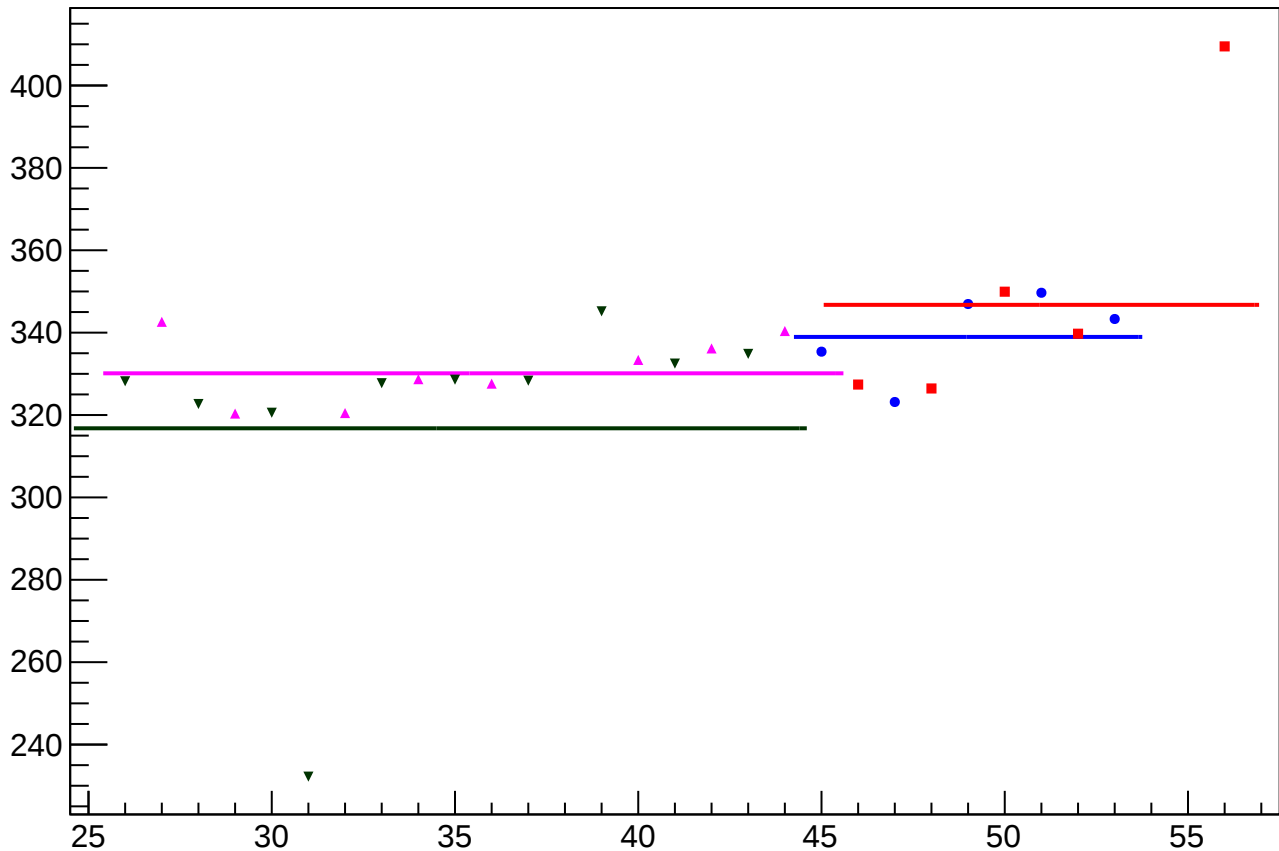
Right Out: -353.498 ± 224.067 $\chi^2/\text{NDF}: 3.2/4$

Left In: -311.389 ± 148.343 $\chi^2/\text{NDF}: 11.4/7$

221.533 ± 117.673 $\chi^2/\text{NDF}: 8.4/14$

-324.221 ± 123.692 $\chi^2/\text{NDF}: 14.7/12$

reg_asym_atl1r2_dd_rms vs slug



Right In: 338.962 ± 0.151 χ^2/NDF : 3470.6/4

Left Out: 316.778 ± 0.100 χ^2/NDF : 106979.2/9

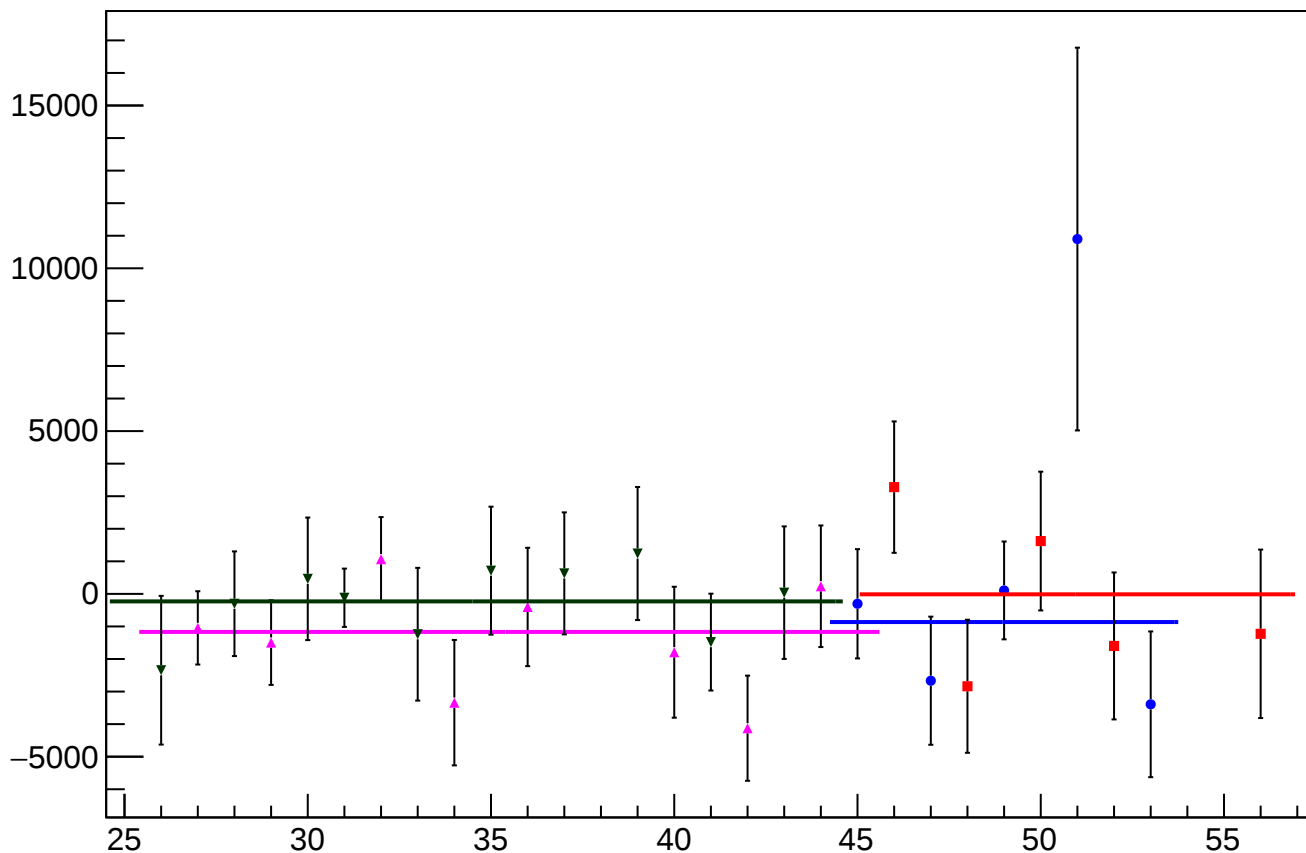
Right Out: 346.748 ± 0.158 χ^2/NDF : 29322.5/4

Left In: 330.127 ± 0.105 χ^2/NDF : 6690.1/7

323.556 ± 0.083 χ^2/NDF : 125530.7/14

335.192 ± 0.087 χ^2/NDF : 43664.4/12

asym_atl1r2_dd_correction_mean vs slug



Right In: -864.898+/-882.108 χ^2/NDF : 6.6/4

Left Out: -230.495+/-511.193 χ^2/NDF : 2.9/9

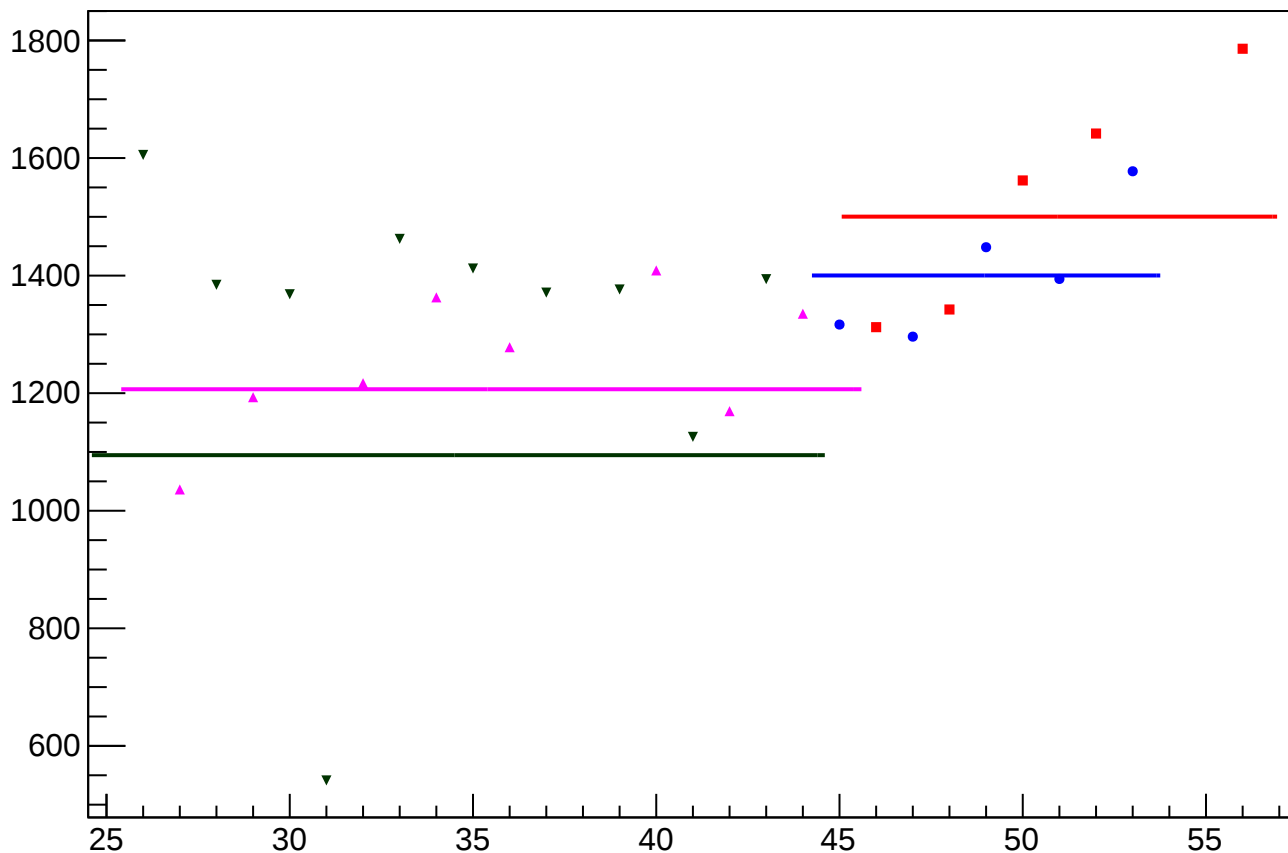
Right Out: -13.255+/-975.403 χ^2/NDF : 5.9/4

Left In: -1168.061+/-536.955 χ^2/NDF : 8.5/7

-389.986+/-442.291 χ^2/NDF : 10.0/14

-899.491+/-470.390 χ^2/NDF : 15.5/12

asym_atl1r2_dd_correction_rms vs slug



Right In: 1400.226 ± 0.624 χ^2/NDF : 25143.4/4

Left Out: 1094.559 ± 0.361 χ^2/NDF : 1214879.1/9

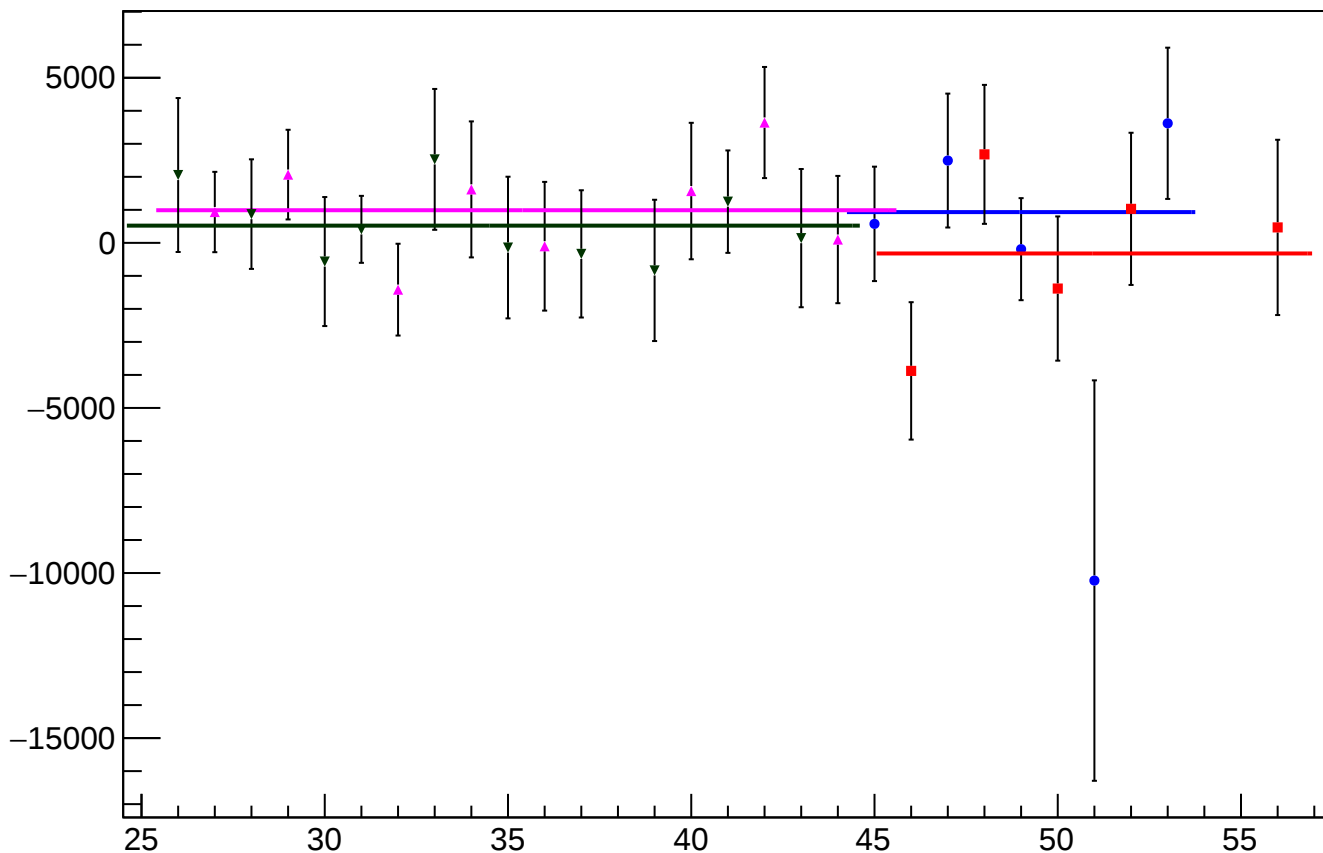
Right Out: 1500.327 ± 0.690 χ^2/NDF : 63208.6/4

Left In: 1206.686 ± 0.380 χ^2/NDF : 93225.4/7

1171.405 ± 0.313 χ^2/NDF : 1419797.6/14

1274.977 ± 0.333 χ^2/NDF : 295536.5/12

asym_atl1r2_dd_mean vs slug



Right In: 931.829 ± 908.114 χ^2/NDF : 5.9/4

Left Out: 521.878 ± 546.444 χ^2/NDF : 2.6/9

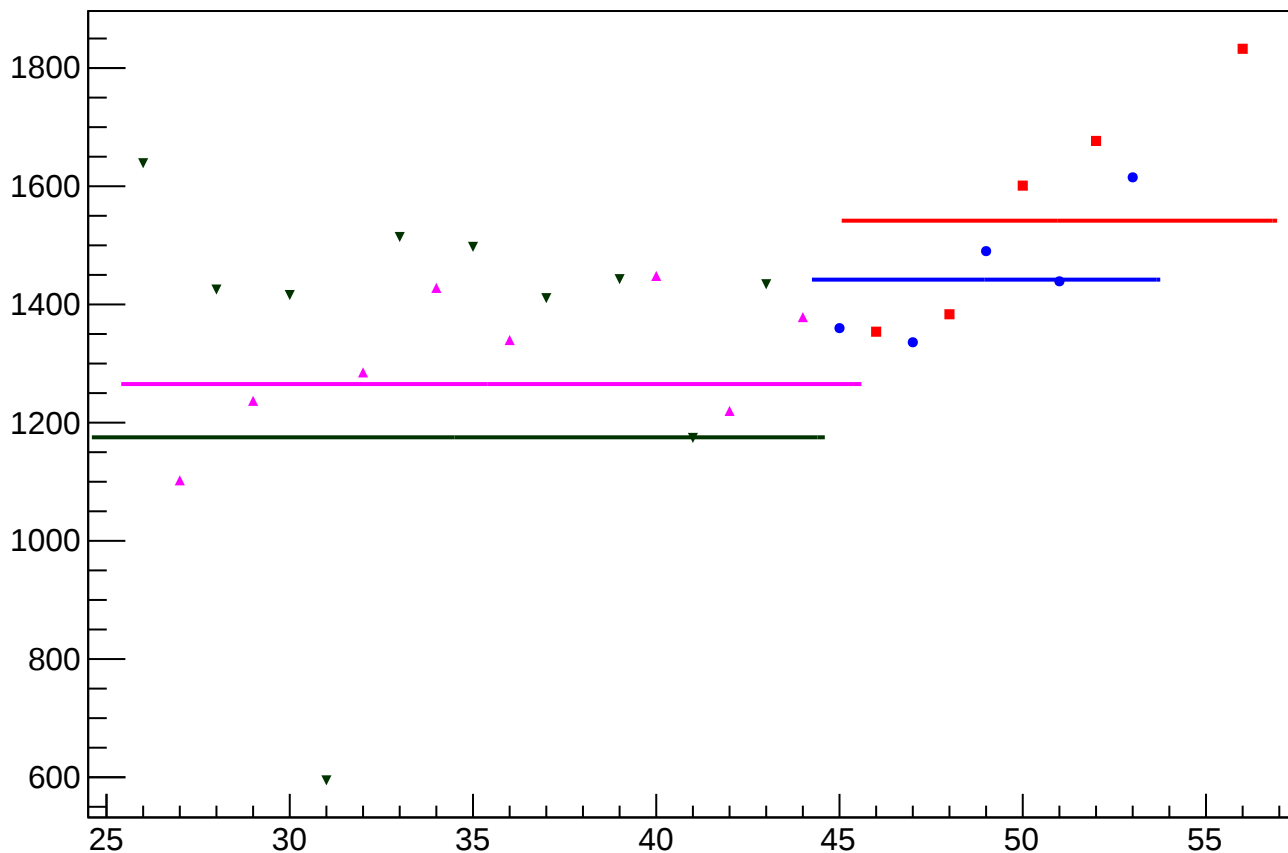
Right Out: -321.146 ± 1001.740 χ^2/NDF : 5.6/4

Left In: 988.467 ± 568.860 χ^2/NDF : 6.8/7

630.856 ± 468.213 χ^2/NDF : 8.7/14

669.125 ± 494.665 χ^2/NDF : 13.7/12

asym_atl1r2_dd_rms vs slug



Right In: 1442.002+/-0.642 χ^2/NDF : 23314.4/4

Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

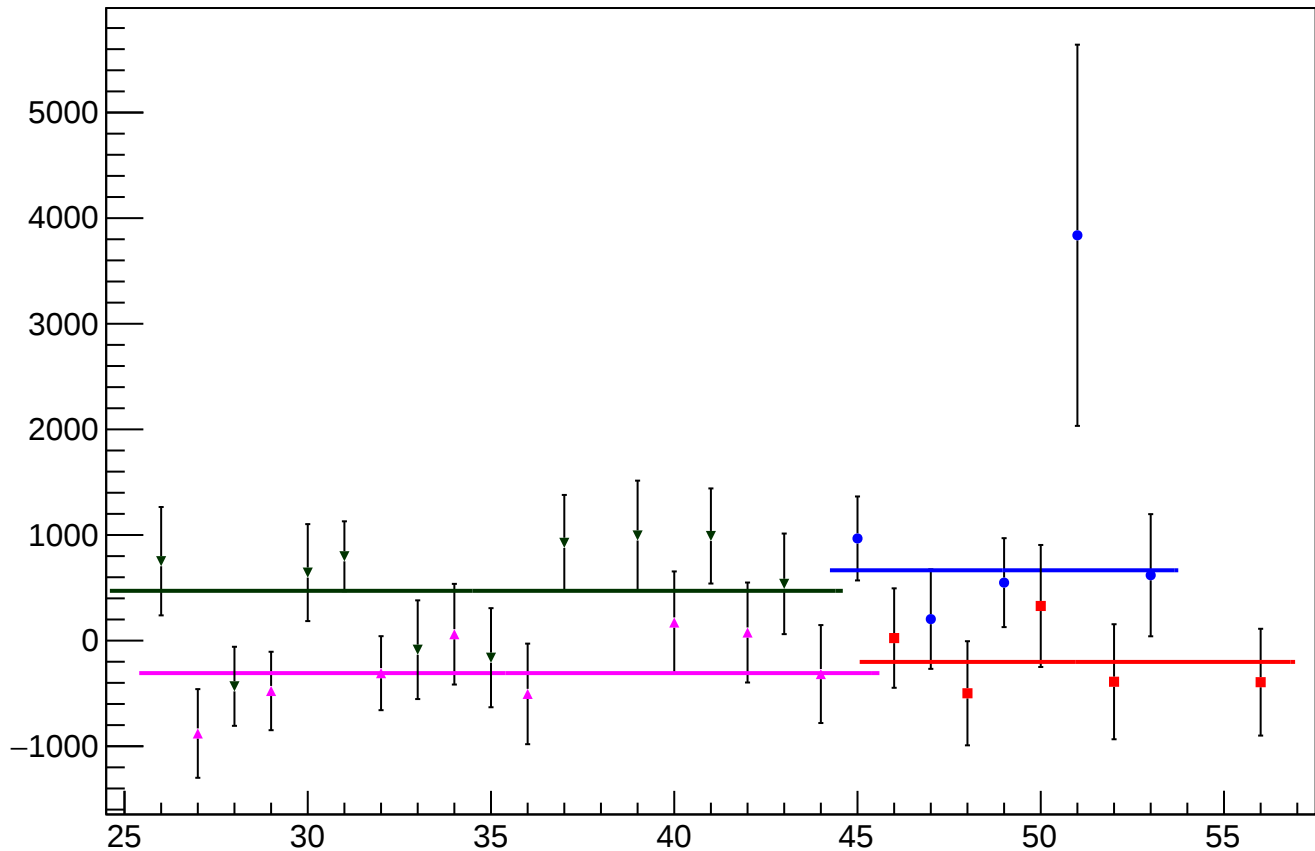
Right Out: 1541.744+/-0.708 χ^2/NDF : 59965.6/4

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1246.125+/-0.331 χ^2/NDF : 1147133.1/14

1332.715+/-0.350 χ^2/NDF : 251693.5/12

reg_asym_atr1l2_avg_mean vs slug



Right In: 665.877 ± 224.905 $\chi^2/\text{NDF}: 4.7/4$

Left Out: 471.416 ± 138.869 $\chi^2/\text{NDF}: 13.9/9$

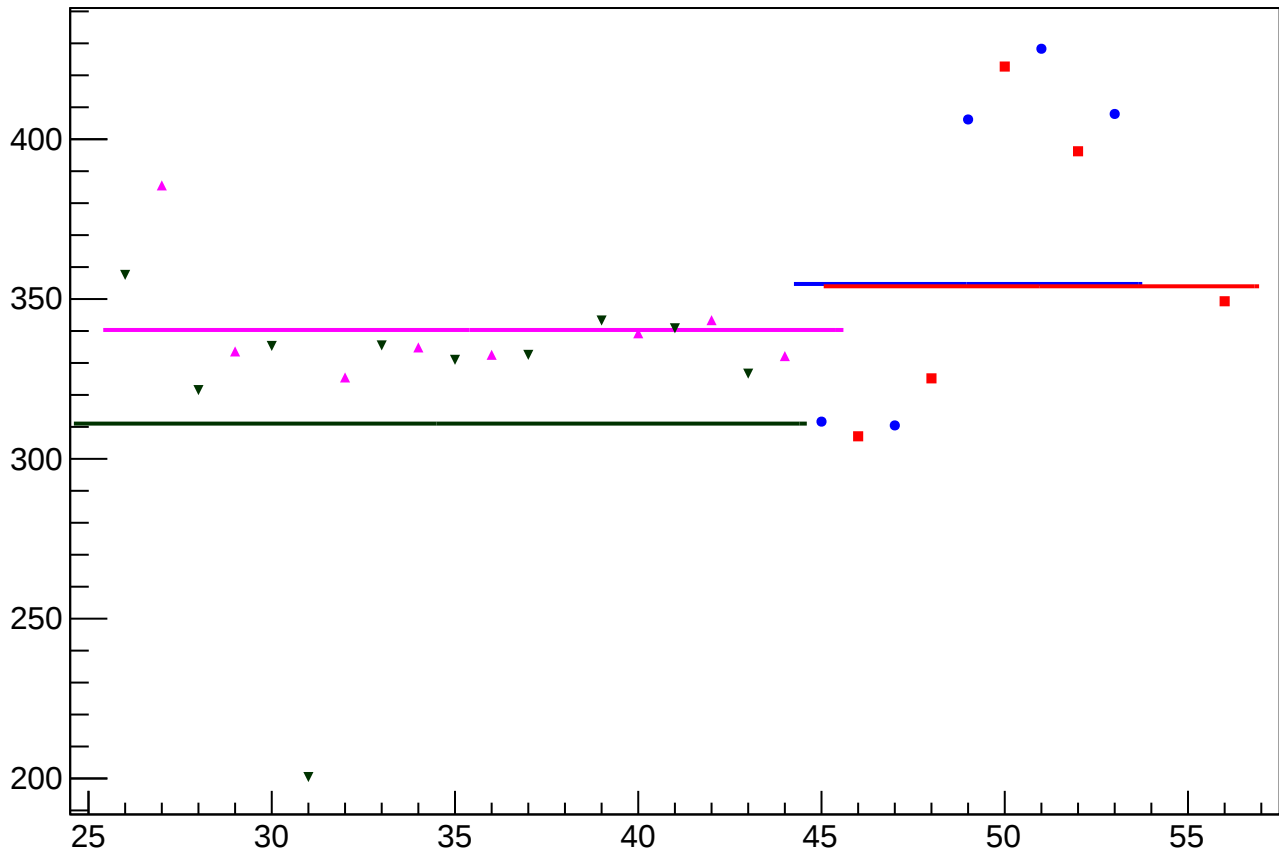
Right Out: -201.669 ± 229.983 $\chi^2/\text{NDF}: 1.7/4$

Left In: -307.654 ± 151.998 $\chi^2/\text{NDF}: 4.5/7$

525.091 ± 118.160 $\chi^2/\text{NDF}: 19.1/14$

-275.433 ± 126.806 $\chi^2/\text{NDF}: 6.3/12$

reg_asym_atr1l2_avg_rms vs slug



Right In: 354.717 ± 0.159 χ^2/NDF : 91247.4/4

Left Out: 311.029 ± 0.098 χ^2/NDF : 279202.9/9

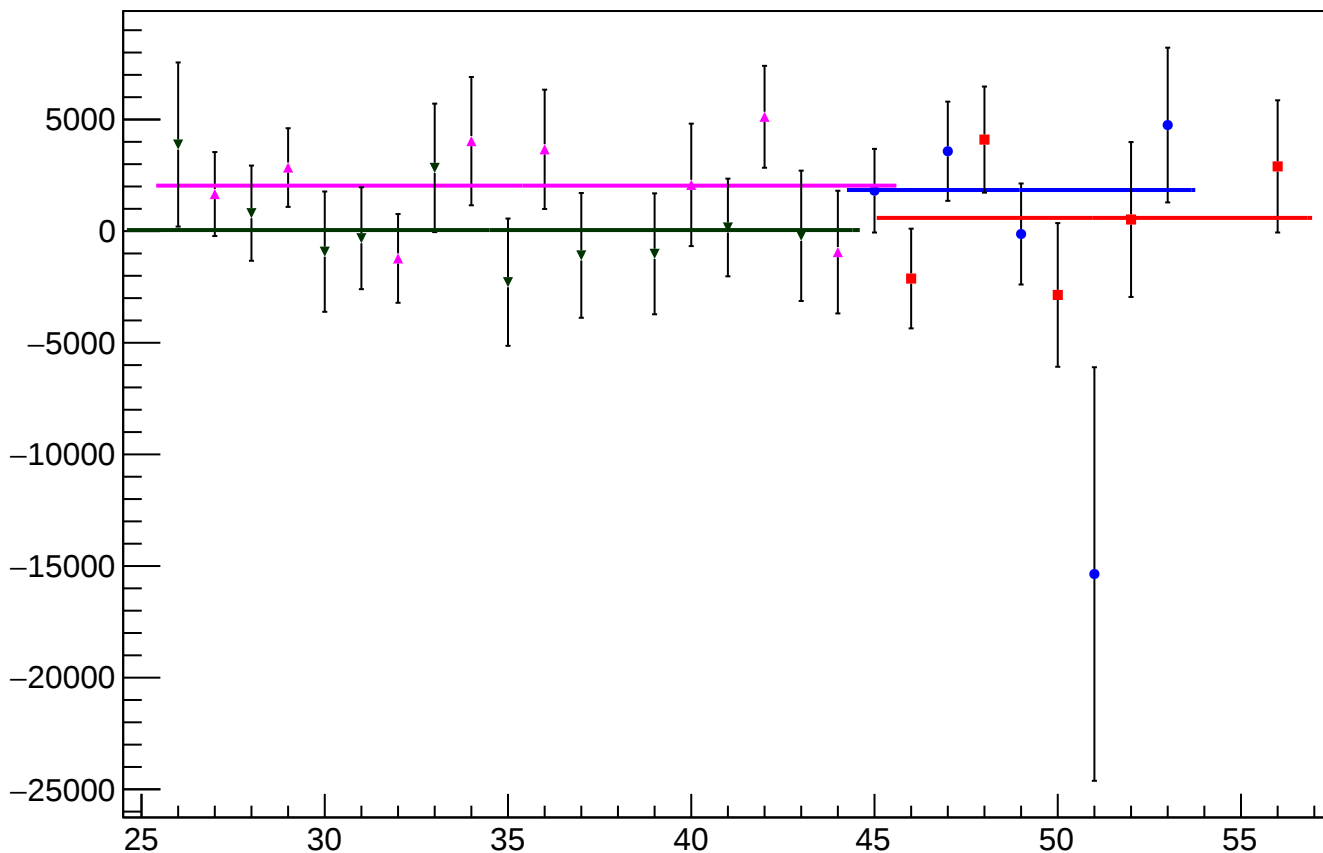
Right Out: 353.987 ± 0.163 χ^2/NDF : 67239.0/4

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.3/7

323.088 ± 0.084 χ^2/NDF : 425084.9/14

344.477 ± 0.090 χ^2/NDF : 101130.2/12

asym_atr1l2_avg_correction_mean vs slug



Right In: 1842.246+/-1133.934 χ^2/NDF : 5.5/4

Left Out: 48.343+/-828.109 χ^2/NDF : 3.3/9

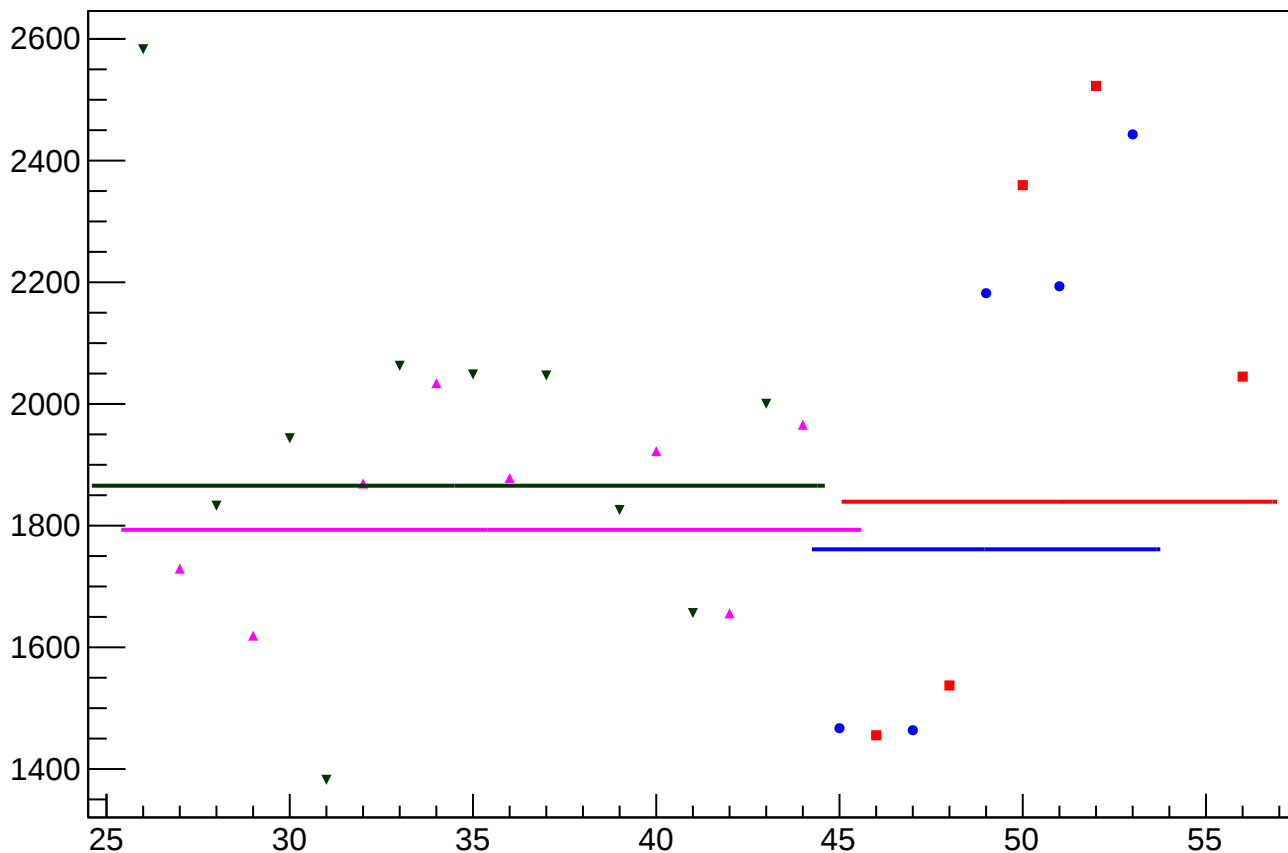
Right Out: 593.418+/-1220.360 χ^2/NDF : 5.4/4

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

672.309+/-668.758 χ^2/NDF : 10.5/14

1607.034+/-666.936 χ^2/NDF : 13.2/12

asym_atr1l2_avg_correction_rms vs slug



Right In: 1761.133+/-0.802 χ^2/NDF : 236130.4/4

Left Out: 1865.656+/-0.586 χ^2/NDF : 217022.9/9

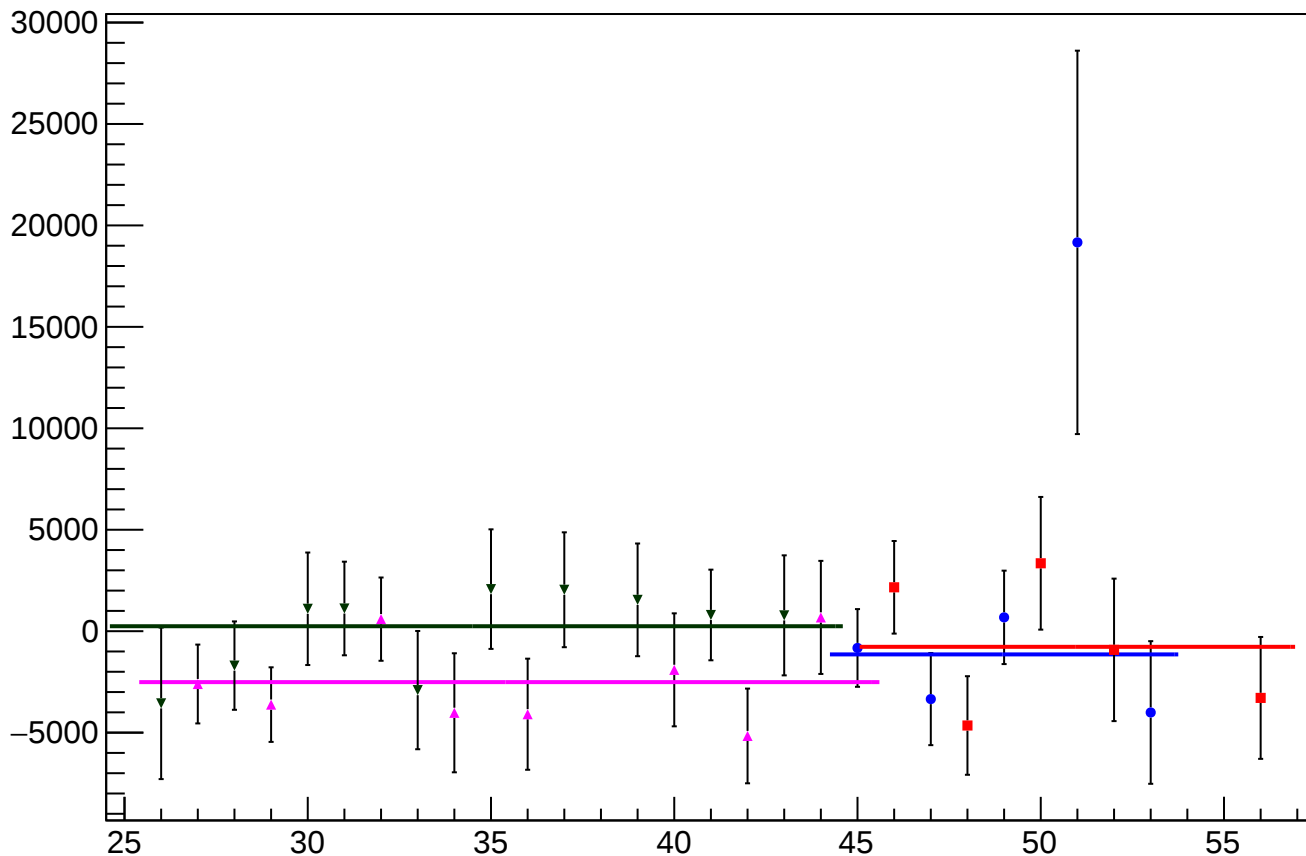
Right Out: 1839.337+/-0.863 χ^2/NDF : 231061.4/4

Left In: 1793.191+/-0.563 χ^2/NDF : 60429.1/7

1829.300+/-0.473 χ^2/NDF : 464235.8/14

1806.973+/-0.472 χ^2/NDF : 293496.2/12

asym_atr1l2_avg_mean vs slug



Right In: -1144.280 ± 1156.856 $\chi^2/\text{NDF}: 6.9/4$

Left Out: 244.304 ± 844.452 $\chi^2/\text{NDF}: 4.3/9$

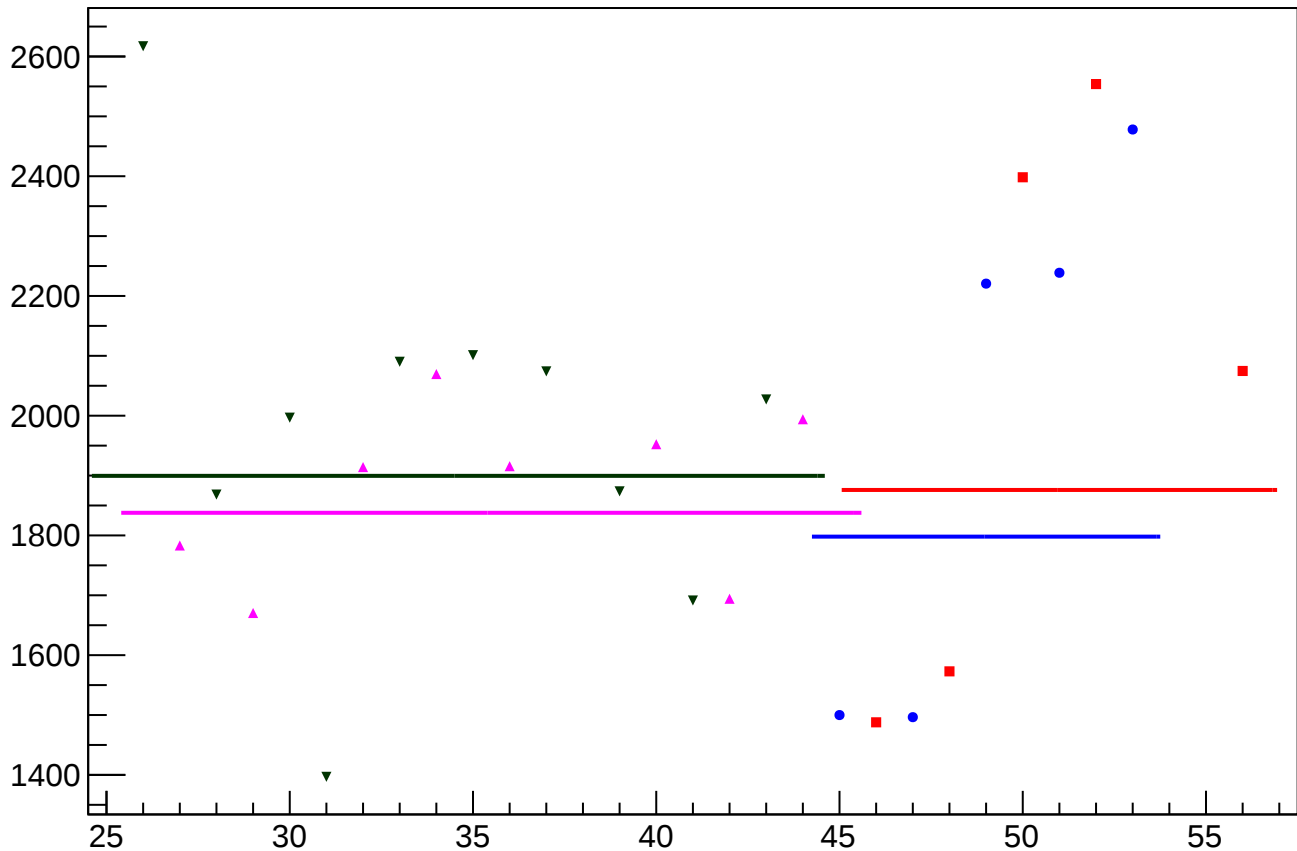
Right Out: -770.505 ± 1243.365 $\chi^2/\text{NDF}: 6.5/4$

Left In: -2510.541 ± 819.482 $\chi^2/\text{NDF}: 5.9/7$

-238.386 ± 682.068 $\chi^2/\text{NDF}: 12.2/14$

-1983.588 ± 684.235 $\chi^2/\text{NDF}: 13.8/12$

asym_atr1l2_avg_rms vs slug



Right In: 1797.993+/-0.818 χ^2/NDF : 230287.4/4

Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

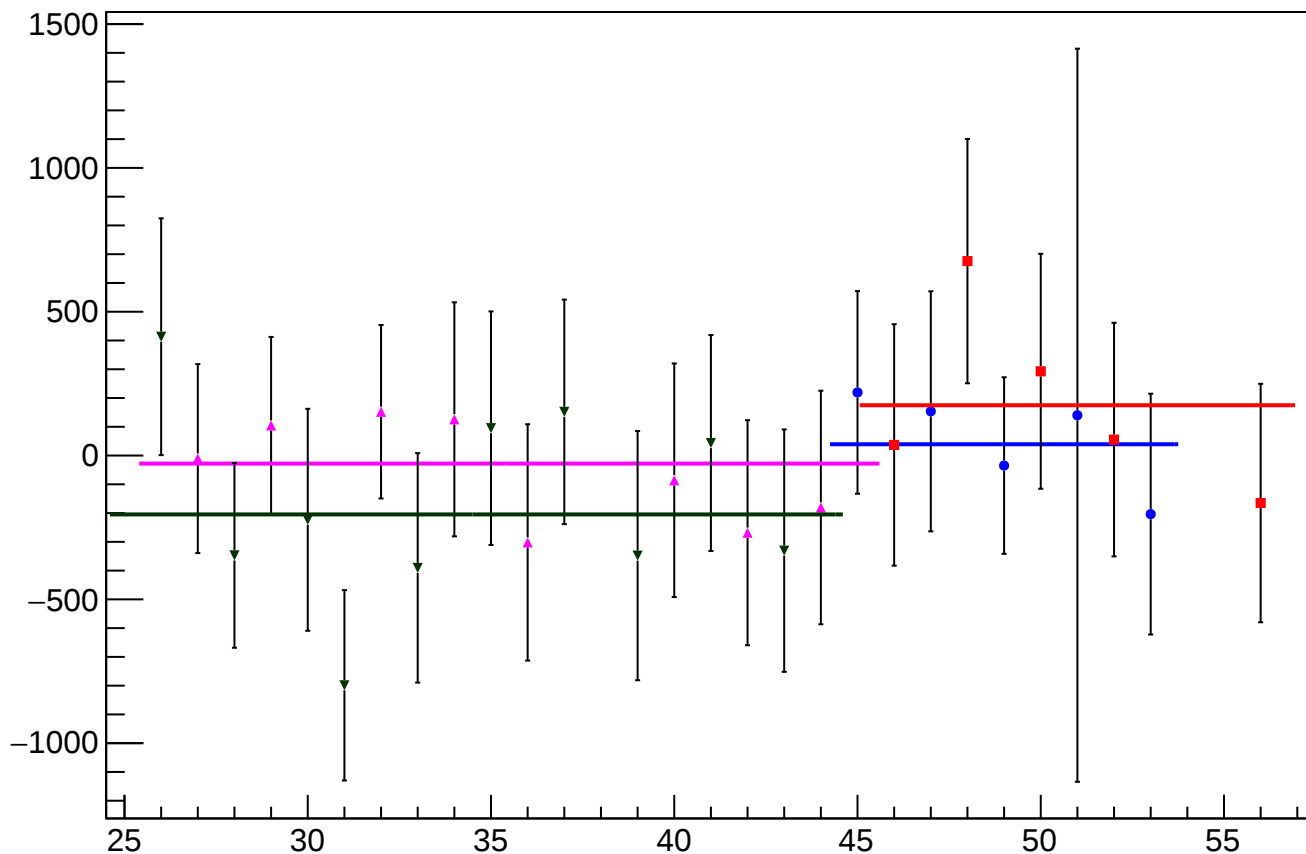
Right Out: 1875.949+/-0.879 χ^2/NDF : 223308.8/4

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1864.226+/-0.482 χ^2/NDF : 458784.7/14

1849.358+/-0.484 χ^2/NDF : 276889.0/12

reg_asym_atr1l2_dd_mean vs slug



Right In: 39.253+/-180.368 χ^2/NDF : 0.7/4

Left Out: -204.705+/-120.898 χ^2/NDF : 7.9/9

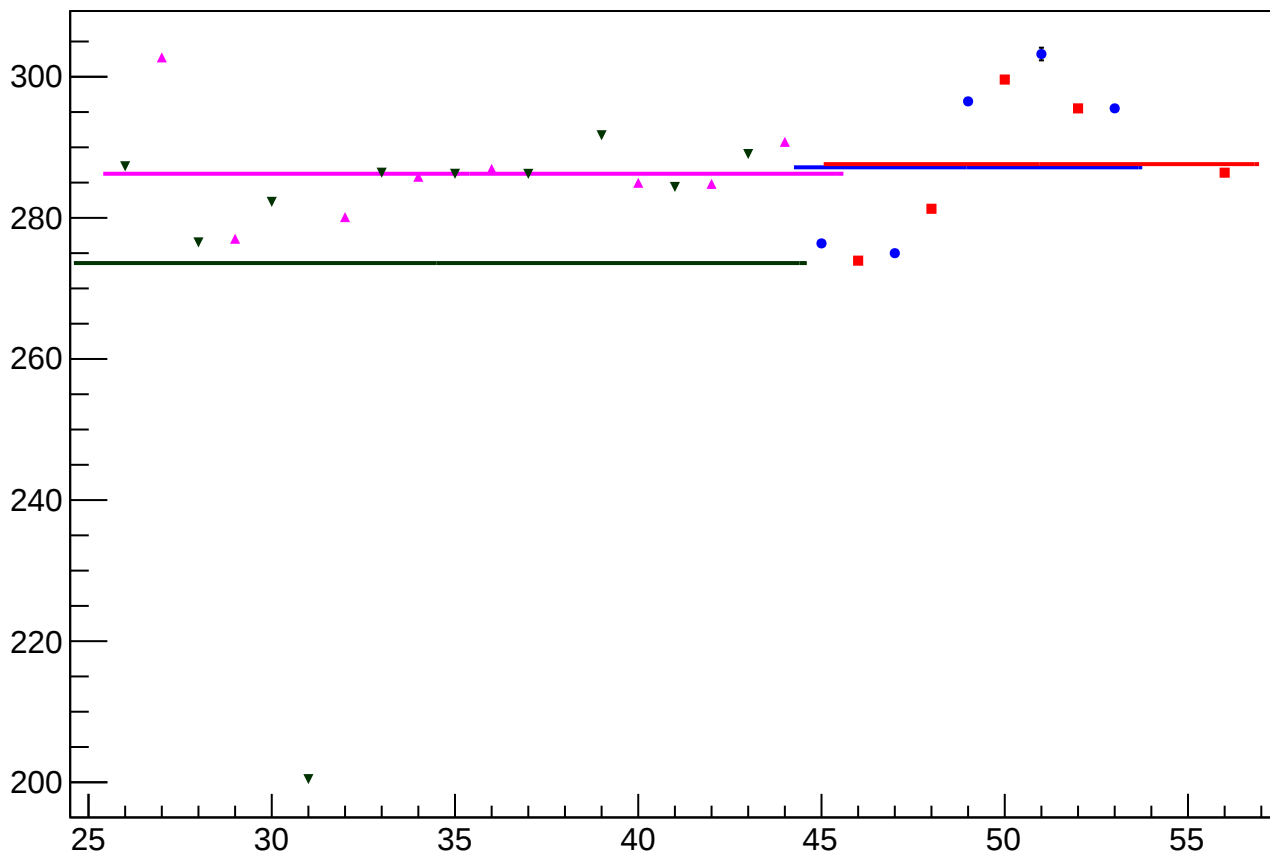
Right Out: 174.882+/-185.386 χ^2/NDF : 2.3/4

Left In: -27.916+/-127.552 χ^2/NDF : 1.7/7

-129.077+/-100.425 χ^2/NDF : 9.9/14

37.242+/-105.082 χ^2/NDF : 4.8/12

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.166+/-0.128 χ^2/NDF : 6546.1/4

Left Out: 273.595+/-0.085 χ^2/NDF :115068.4/9

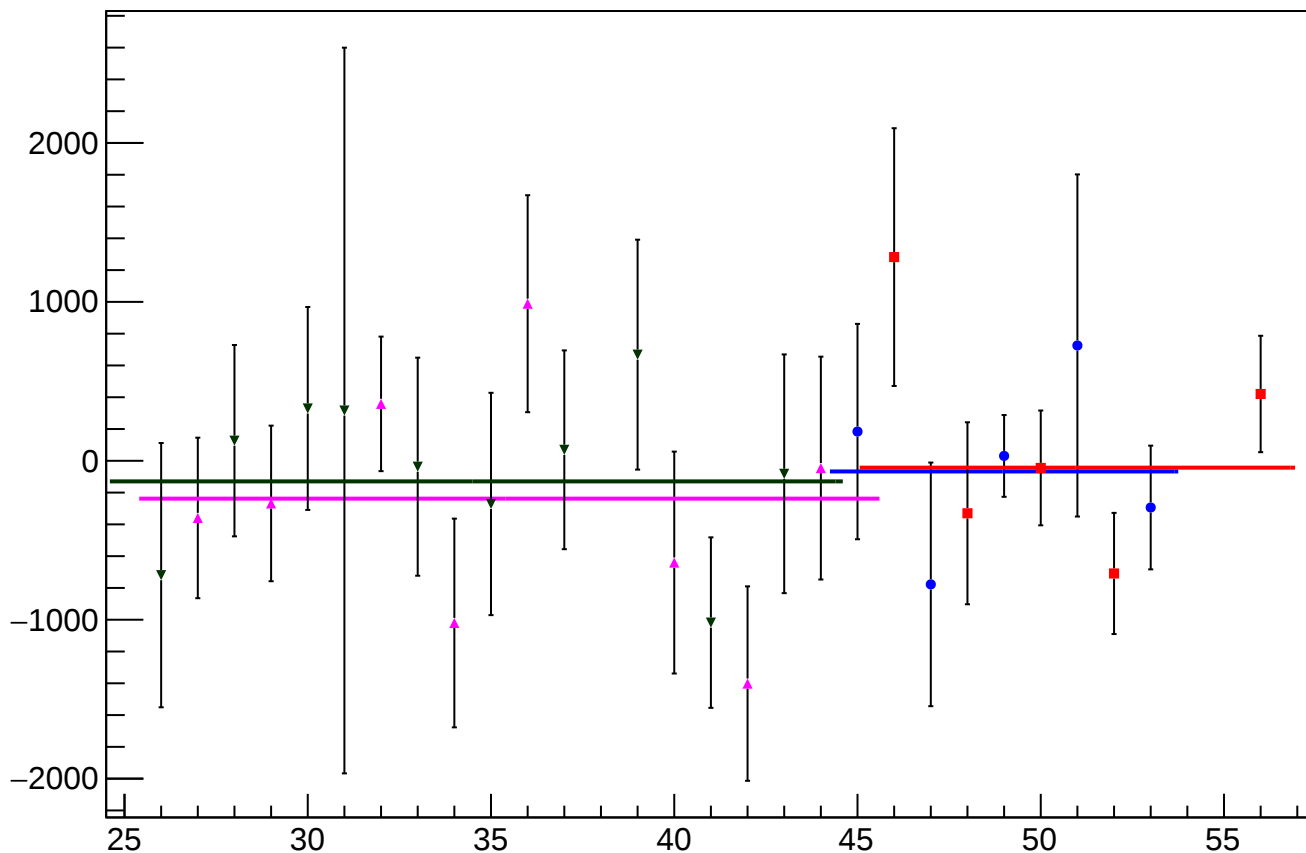
Right Out: 287.619+/-0.131 χ^2/NDF : 5065.7/4

Left In: 286.255+/-0.090 χ^2/NDF :7968.8/7

277.802+/-0.071 χ^2/NDF : 129426.6/14

286.693+/-0.074 χ^2/NDF : 13108.0/12

asym_atr1l2_dd_correction_mean vs slug



Right In: -66.994 ± 194.441 $\chi^2/\text{NDF}: 2.0/4$

Left Out: -129.532 ± 219.616 $\chi^2/\text{NDF}: 5.4/9$

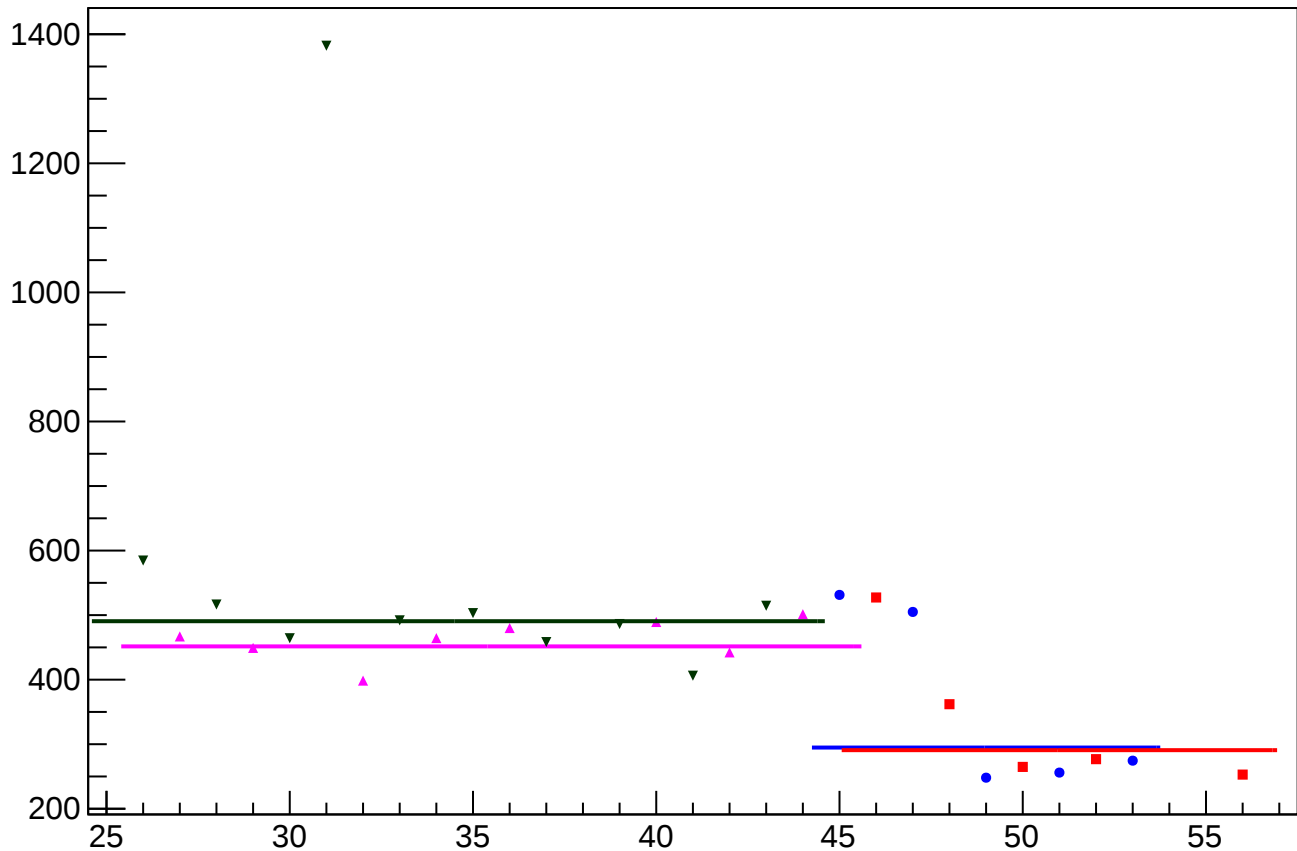
Right Out: -43.081 ± 193.994 $\chi^2/\text{NDF}: 7.6/4$

Left In: -238.069 ± 200.408 $\chi^2/\text{NDF}: 10.7/7$

-94.474 ± 145.581 $\chi^2/\text{NDF}: 7.4/14$

-137.405 ± 139.387 $\chi^2/\text{NDF}: 18.8/12$

asym_atr1l2_dd_correction_rms vs slug



Right In: 294.817 ± 0.137 χ^2/NDF : 467932.3/4

Left Out: 490.574 ± 0.155 χ^2/NDF : 395329.3/9

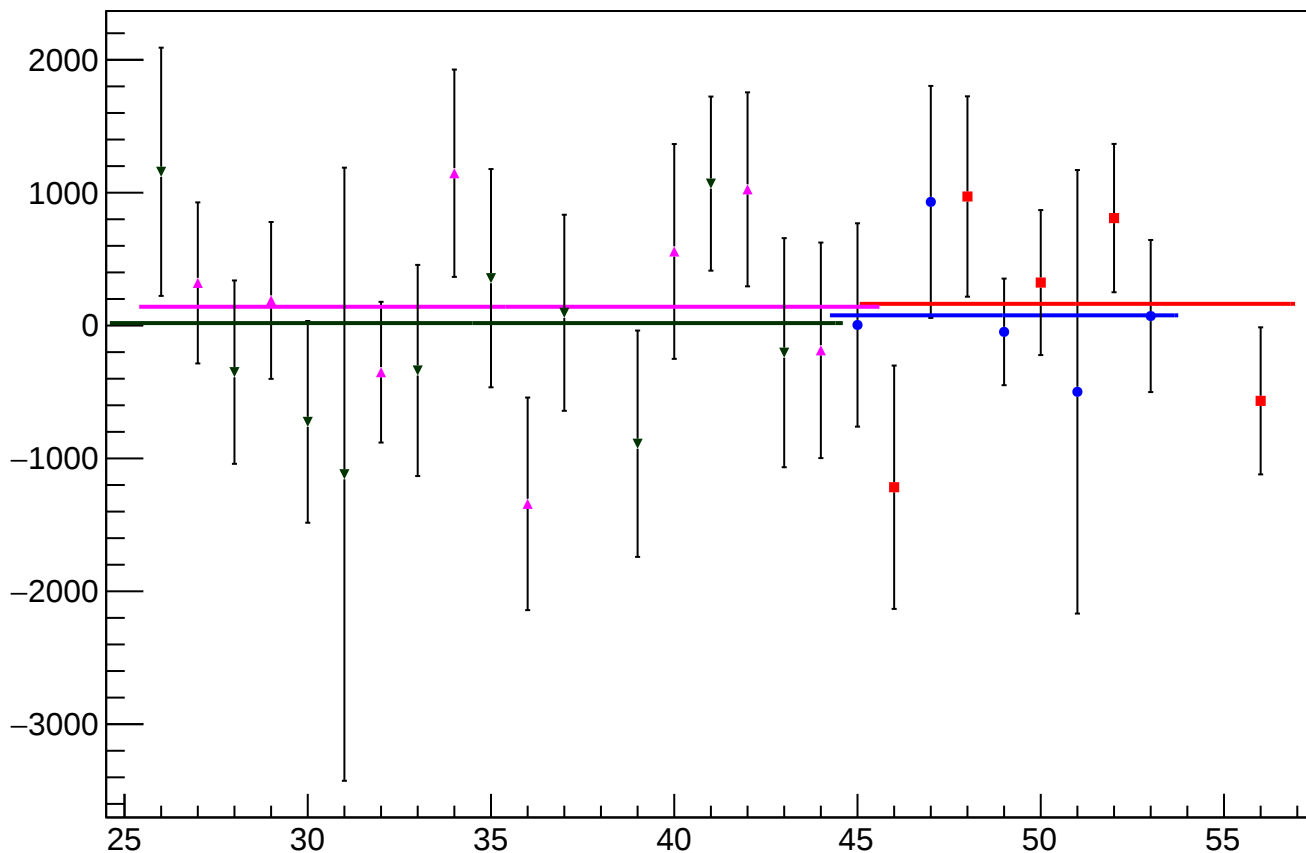
Right Out: 290.764 ± 0.137 χ^2/NDF : 235460.5/4

Left In: 451.550 ± 0.142 χ^2/NDF : 53983.7/7

380.837 ± 0.103 χ^2/NDF : 1754042.9/14

368.543 ± 0.099 χ^2/NDF : 954047.8/12

asym_atr1l2_dd_mean vs slug



Right In: 76.961 $\pm$ 281.217 χ^2 /NDF: 1.2/4

Left Out: 18.643 $\pm$ 257.116 χ^2 /NDF: 7.1/9

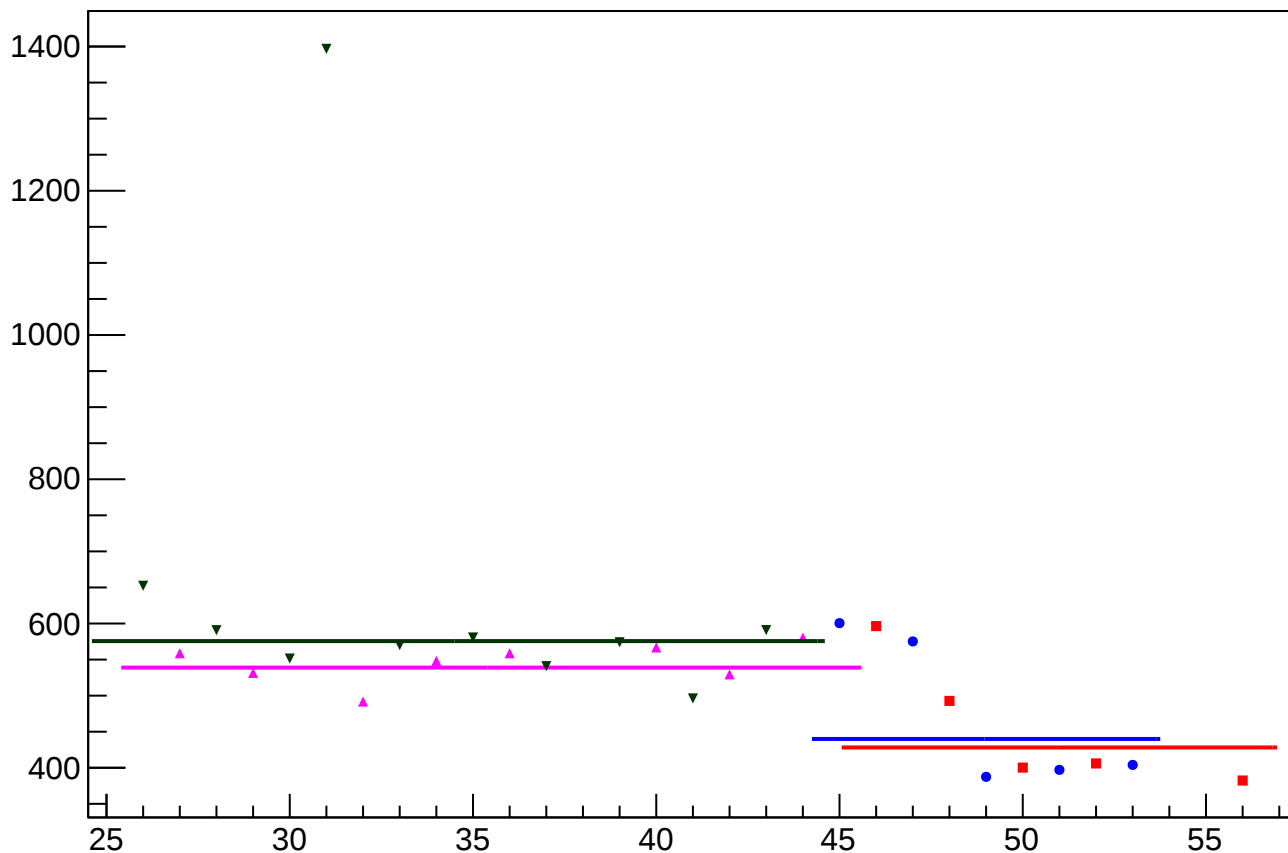
Right Out: 163.480 $\pm$ 279.679 χ^2 /NDF: 6.6/4

Left In: 141.414 $\pm$ 240.490 χ^2 /NDF: 8.0/7

45.196 $\pm$ 189.758 χ^2 /NDF: 8.3/14

150.794 $\pm$ 182.347 χ^2 /NDF: 14.5/12

asym_atr1l2_dd_rms vs slug



Right In: 439.950 ± 0.199 χ^2/NDF : 179561.6/4

Left Out: 575.614 ± 0.182 χ^2/NDF : 304506.5/9

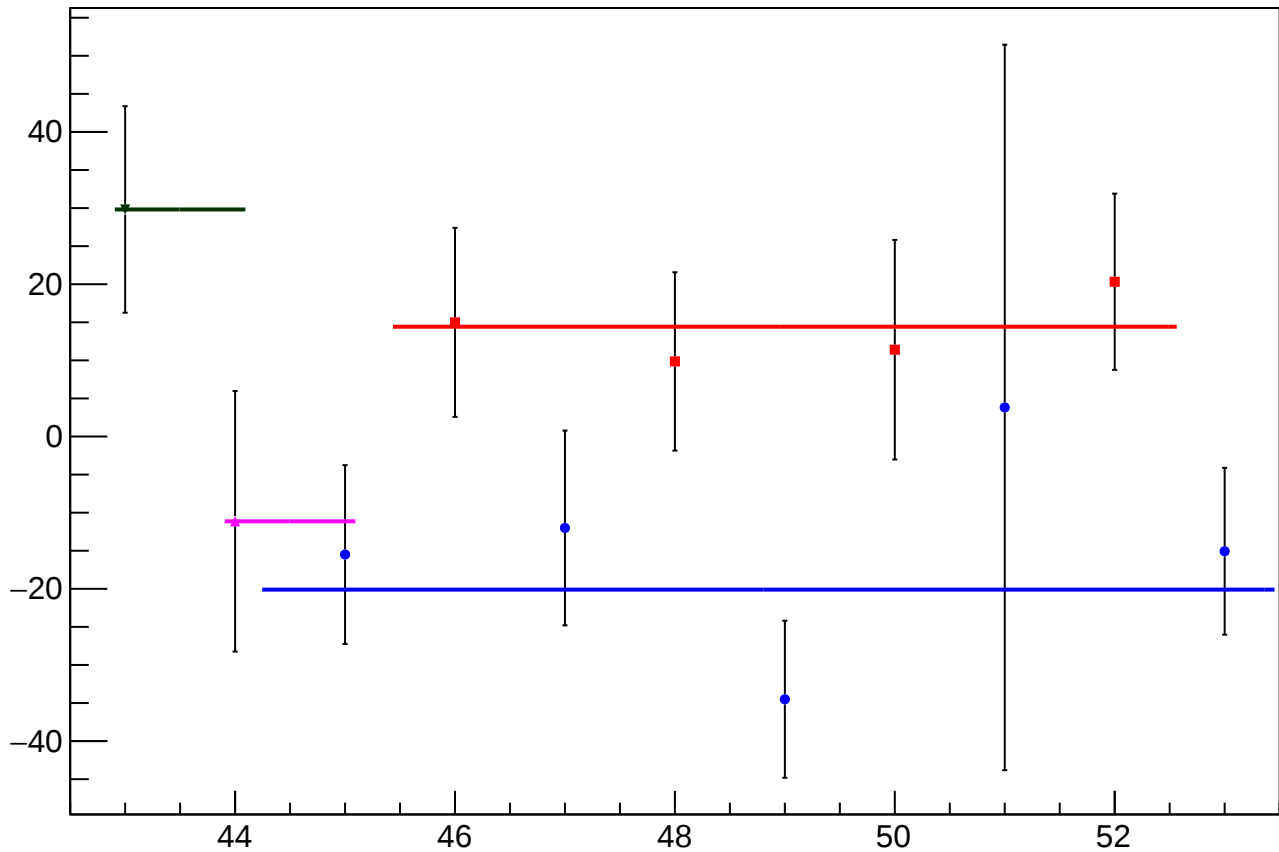
Right Out: 428.128 ± 0.198 χ^2/NDF : 104289.2/4

Left In: 538.892 ± 0.170 χ^2/NDF : 27749.5/7

513.844 ± 0.134 χ^2/NDF : 737589.9/14

491.807 ± 0.129 χ^2/NDF : 312387.7/12

diff_bpm0l01X_mean vs slug



Right In: -20.107 ± 5.631 χ^2/NDF : 3.0/4

Left Out: 29.821 ± 13.561 χ^2/NDF : 0.0/0

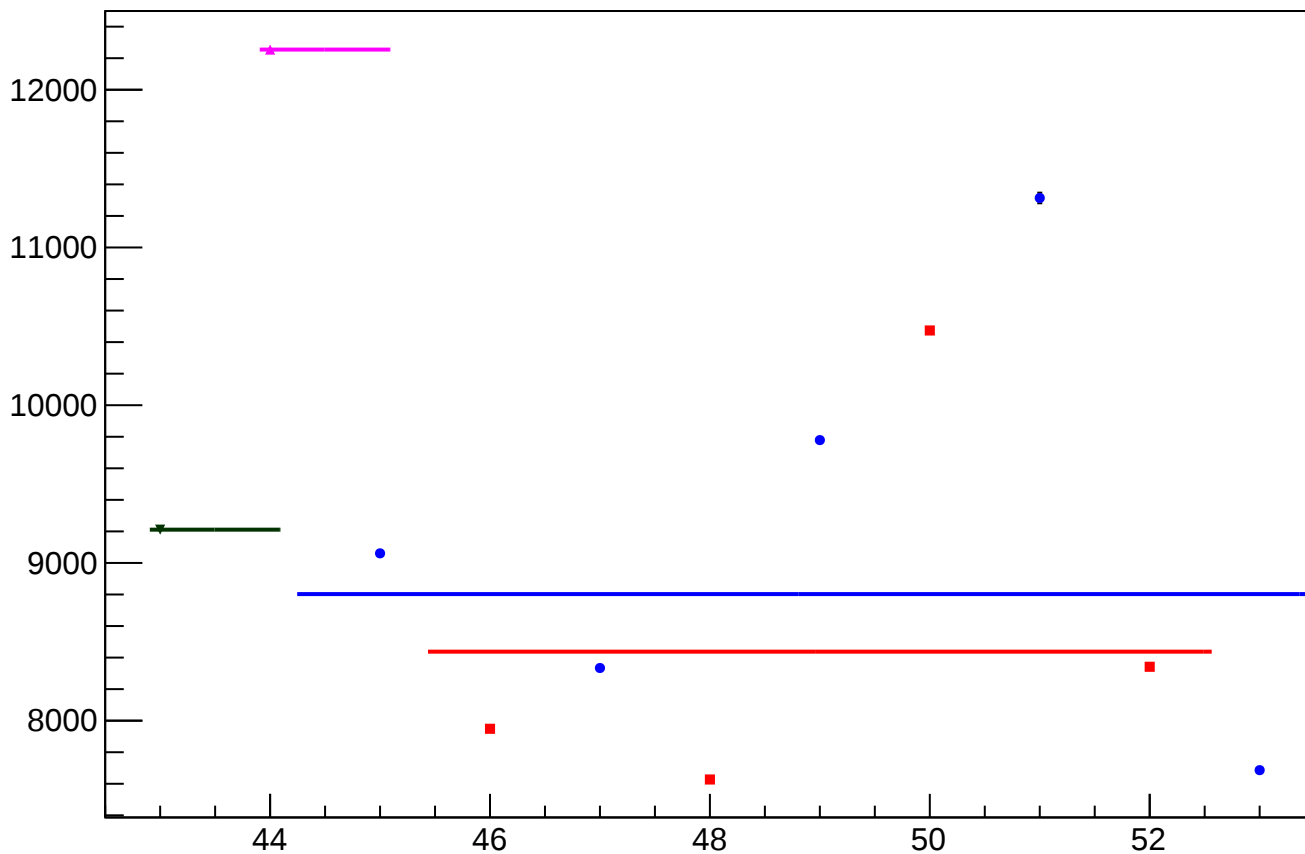
Right Out: 14.422 ± 6.195 χ^2/NDF : 0.5/3

Left In: -11.136 ± 17.113 χ^2/NDF : 0.0/0

-12.765 ± 5.200 χ^2/NDF : 14.5/5

11.460 ± 5.825 χ^2/NDF : 2.4/4

diff_bpm0l01X_rms vs slug



Right In: 8802.579+/-3.982 χ^2/NDF : 47887.4/4

Left Out: 9211.048+/-9.589 χ^2/NDF : 0.0/0

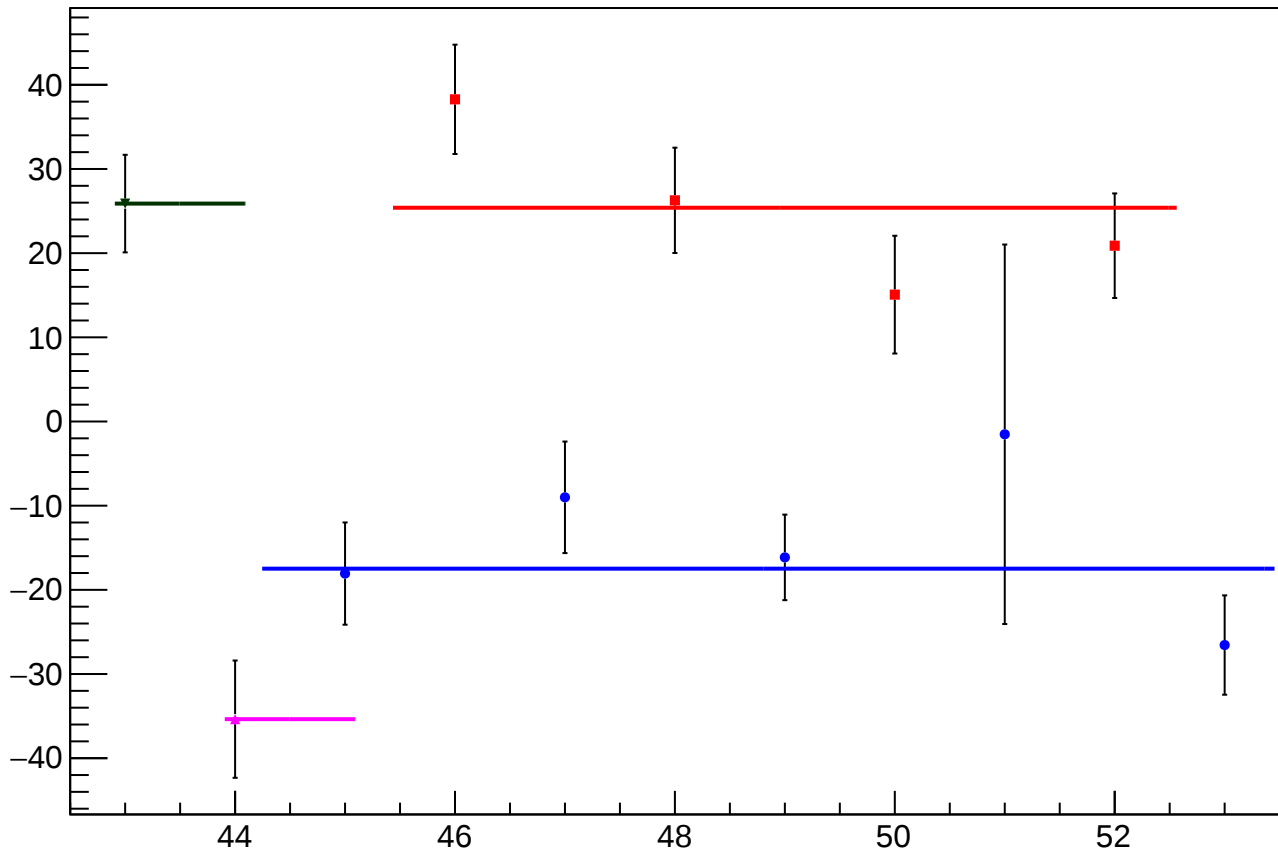
Right Out: 8437.570+/-4.381 χ^2/NDF : 52707.2/3

Left In: 12254.628+/-12.101 χ^2/NDF : 0.0/0

8862.648+/-3.677 χ^2/NDF : 49435.1/5

8879.893+/-4.119 χ^2/NDF : 140679.5/4

diff_bpm0l01Y_mean vs slug



Right In: -17.483 $\pm$ 2.895 χ^2 /NDF: 4.6/4

Left Out: 25.888 $\pm$ 5.797 χ^2 /NDF: 0.0/0

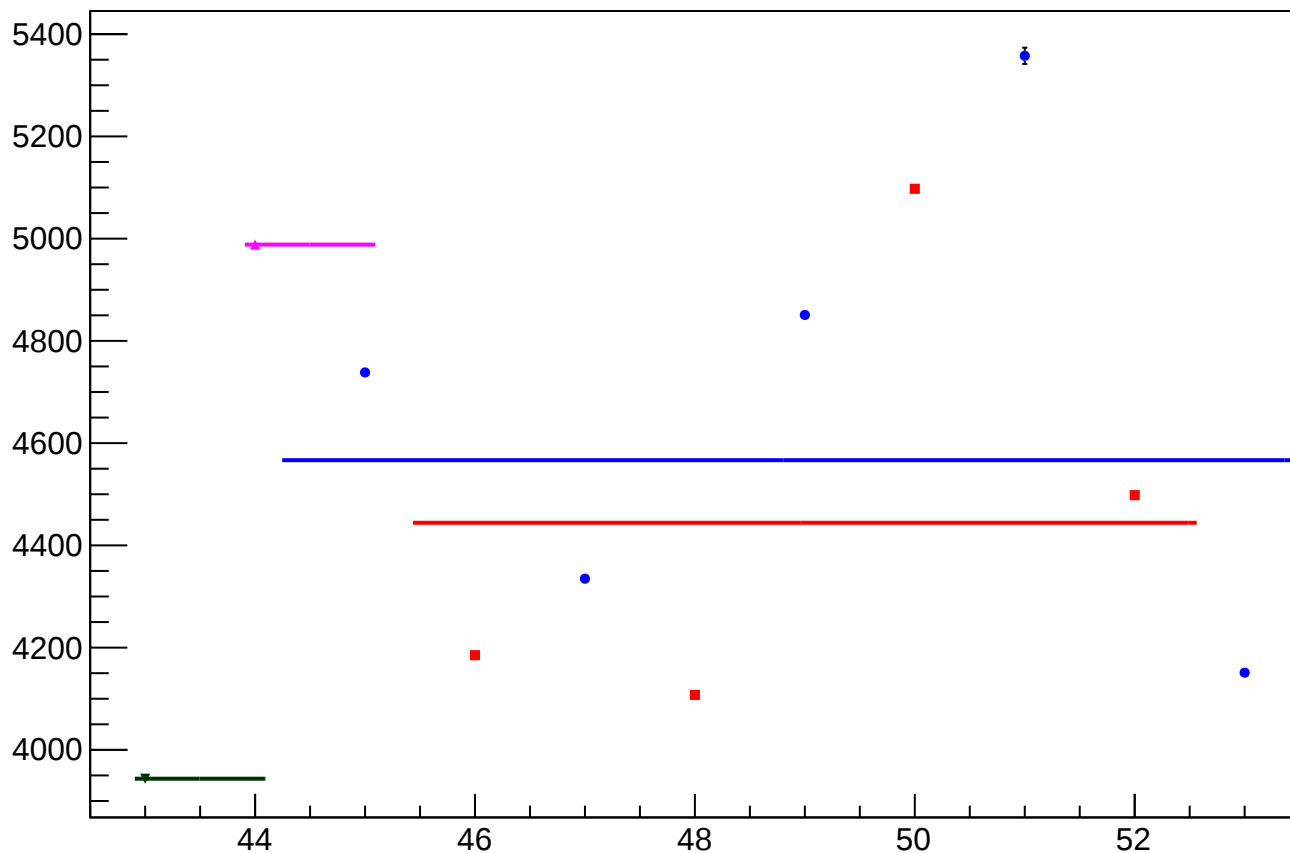
Right Out: 25.396 $\pm$ 3.234 χ^2 /NDF: 6.7/3

Left In: -35.362 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-8.826 $\pm$ 2.590 χ^2 /NDF: 49.4/5

14.625 $\pm$ 2.933 χ^2 /NDF: 69.2/4

diff_bpm0l01Y_rms vs slug



Right In: 4566.660 $\pm$ 2.047 χ^2 /NDF: 22683.7/4

Left Out: 3943.608 $\pm$ 4.099 χ^2 /NDF: 0.0/0

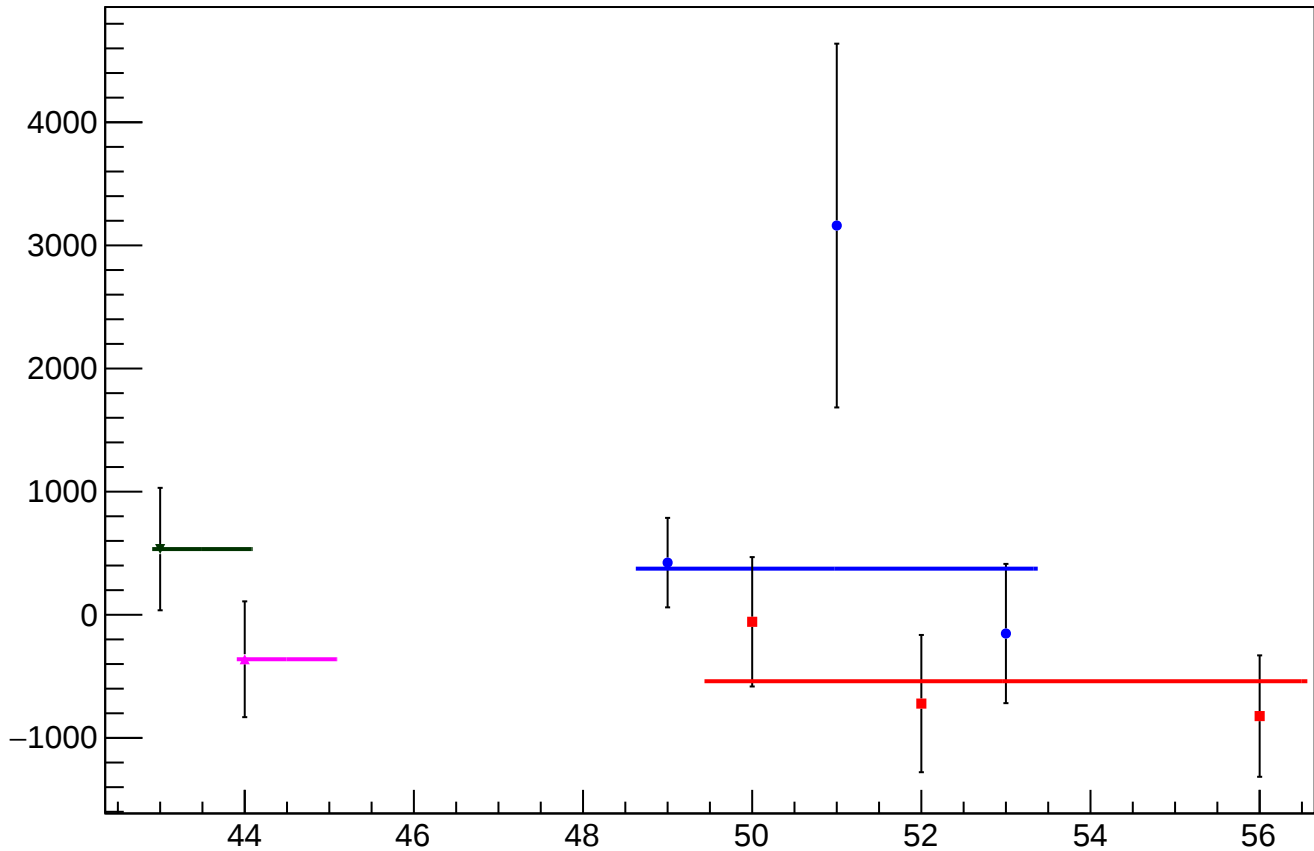
Right Out: 4444.239 $\pm$ 2.287 χ^2 /NDF: 26566.8/3

Left In: 4988.357 $\pm$ 4.926 χ^2 /NDF: 0.0/0

4442.287 $\pm$ 1.831 χ^2 /NDF: 41174.7/5

4540.700 $\pm$ 2.074 χ^2 /NDF: 36604.3/4

asym_ds_agg_av_mean vs slug



Right In: 374.672+/-299.360 χ^2/NDF : 4.4/2

Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

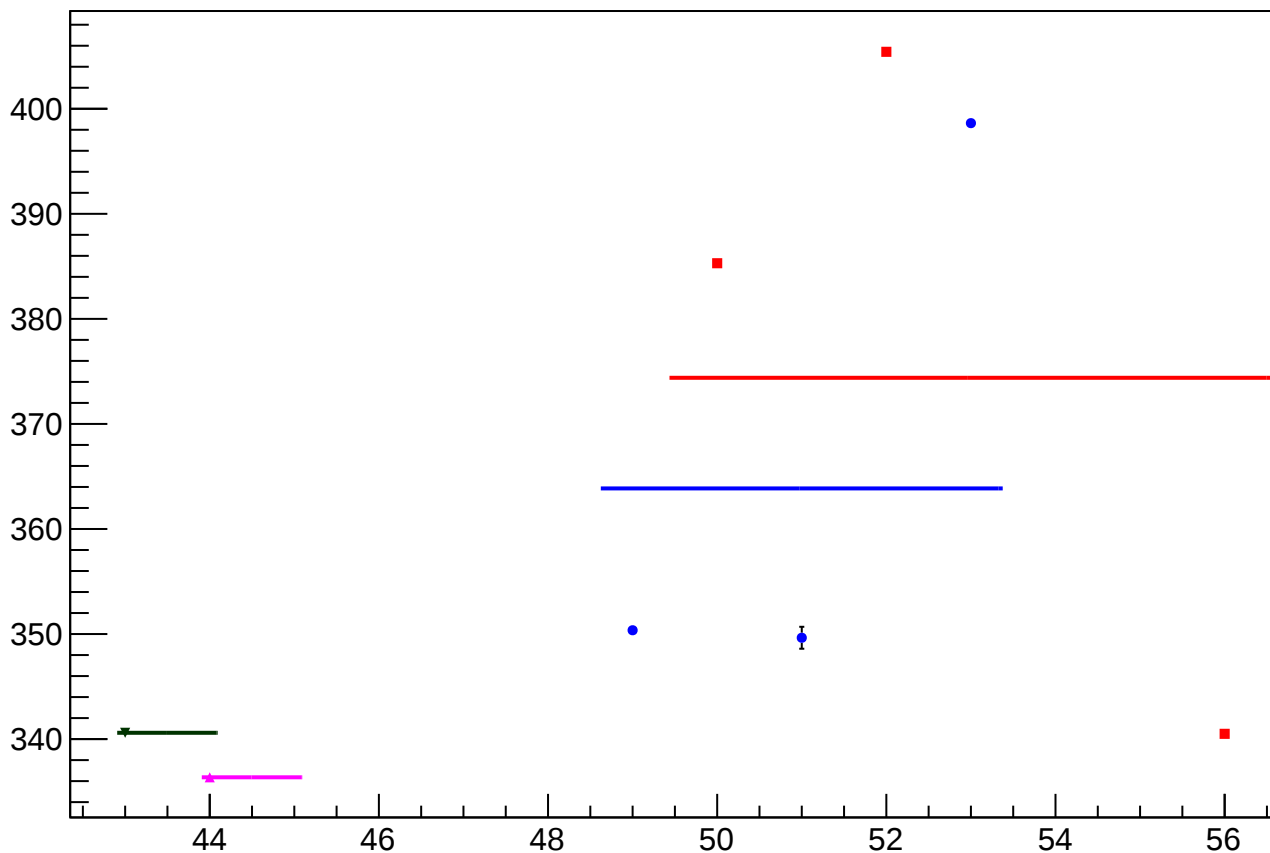
Right Out: -539.641+/-302.130 χ^2/NDF : 1.3/2

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

416.986+/-256.460 χ^2/NDF : 4.5/3

-487.483+/-254.189 χ^2/NDF : 1.4/3

asym_ds_agg_av_rms vs slug



Right In: 363.861 ± 0.212 $\chi^2/\text{NDF}: 10508.1/2$

Left Out: 340.600 ± 0.352 $\chi^2/\text{NDF}: 0.0/0$

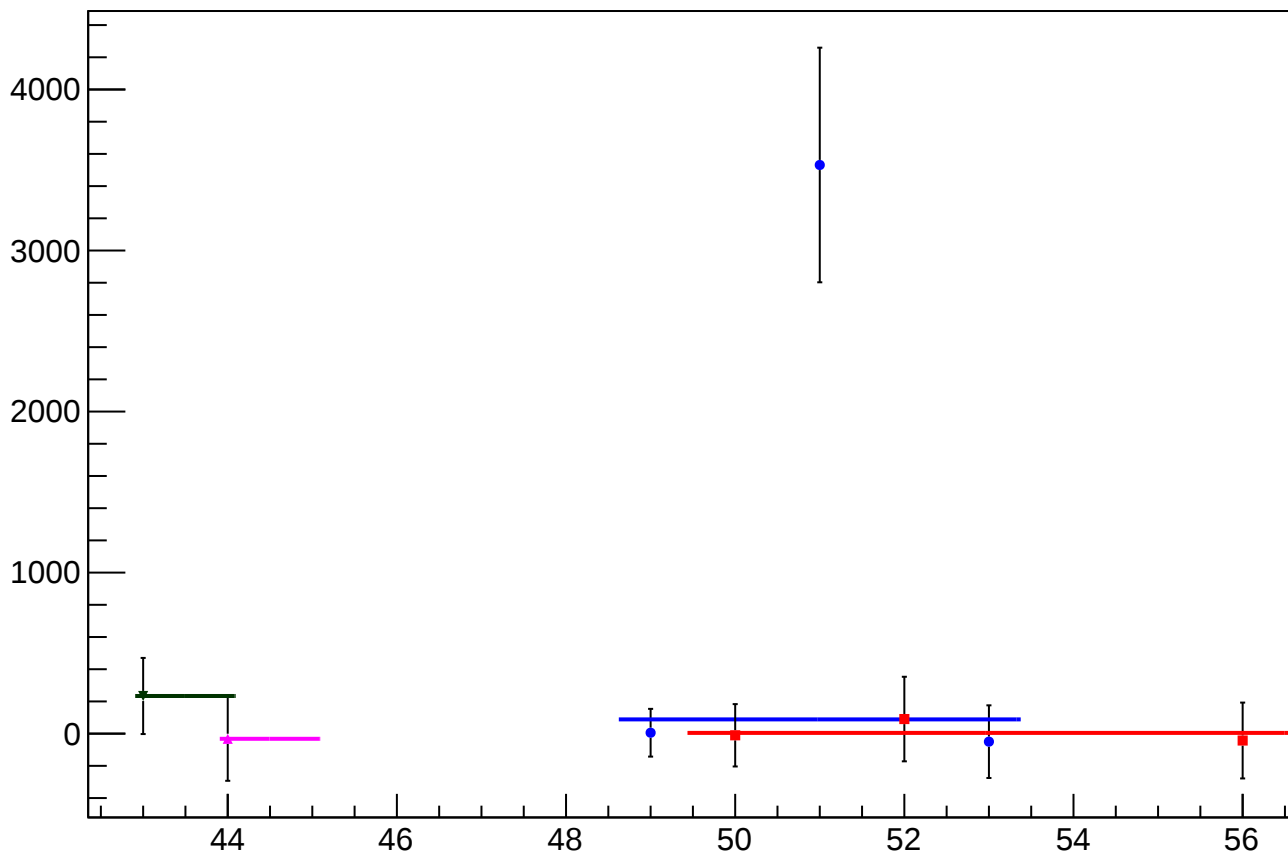
Right Out: 374.392 ± 0.214 $\chi^2/\text{NDF}: 16508.9/2$

Left In: 336.363 ± 0.333 $\chi^2/\text{NDF}: 0.0/0$

357.672 ± 0.181 $\chi^2/\text{NDF}: 13721.1/3$

363.281 ± 0.180 $\chi^2/\text{NDF}: 25767.1/3$

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 88.444+/-122.131 χ^2 /NDF: 23.0/2

Left Out: 233.776+/-236.364 χ^2 /NDF: 0.0/0

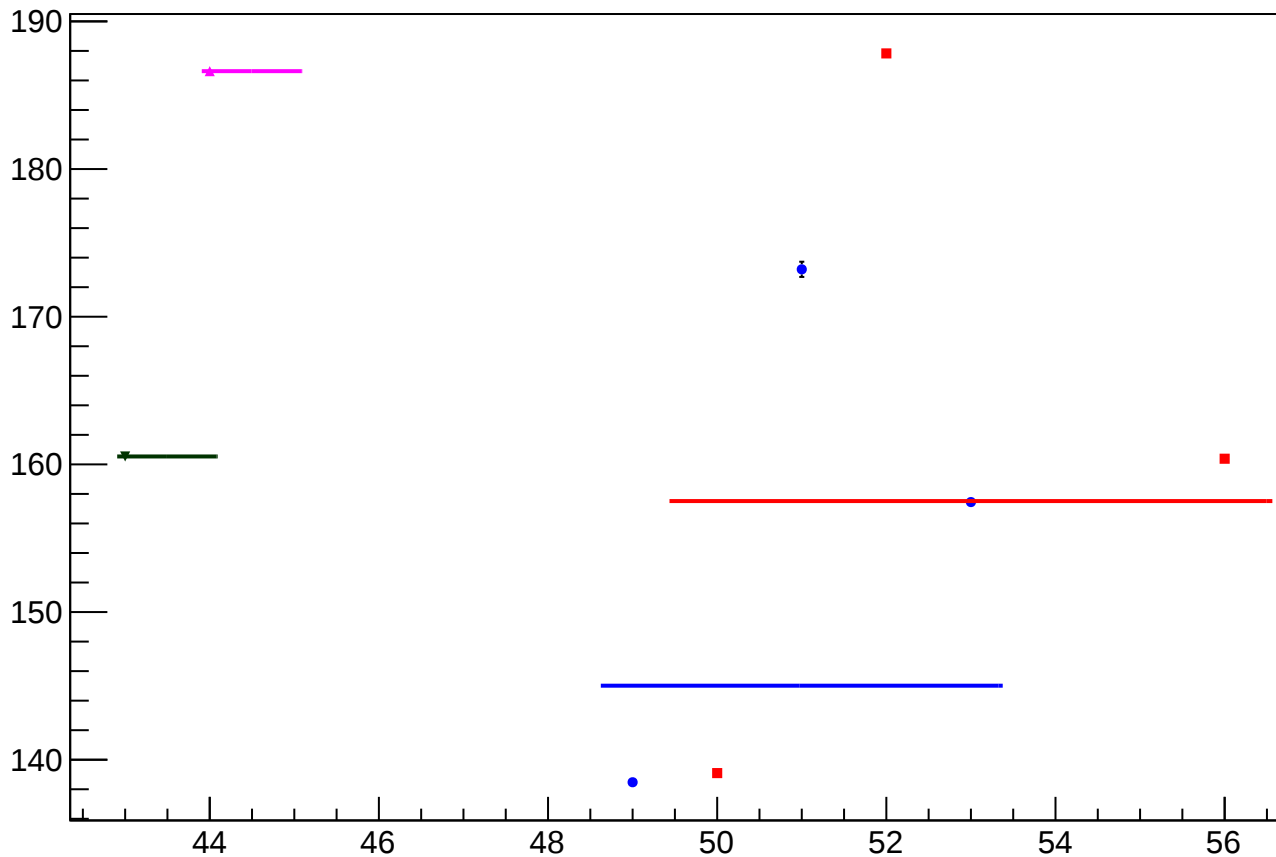
Right Out: 4.567+/-129.959 χ^2 /NDF: 0.2/2

Left In: -32.051+/-260.803 χ^2 /NDF: 0.0/0

119.069+/-108.503 χ^2 /NDF: 23.3/3

-2.717+/-116.318 χ^2 /NDF: 0.2/3

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 145.014 $\pm$ 0.086 χ^2/NDF : 12965.3/2

Left Out: 160.536 $\pm$ 0.167 χ^2/NDF : 0.0/0

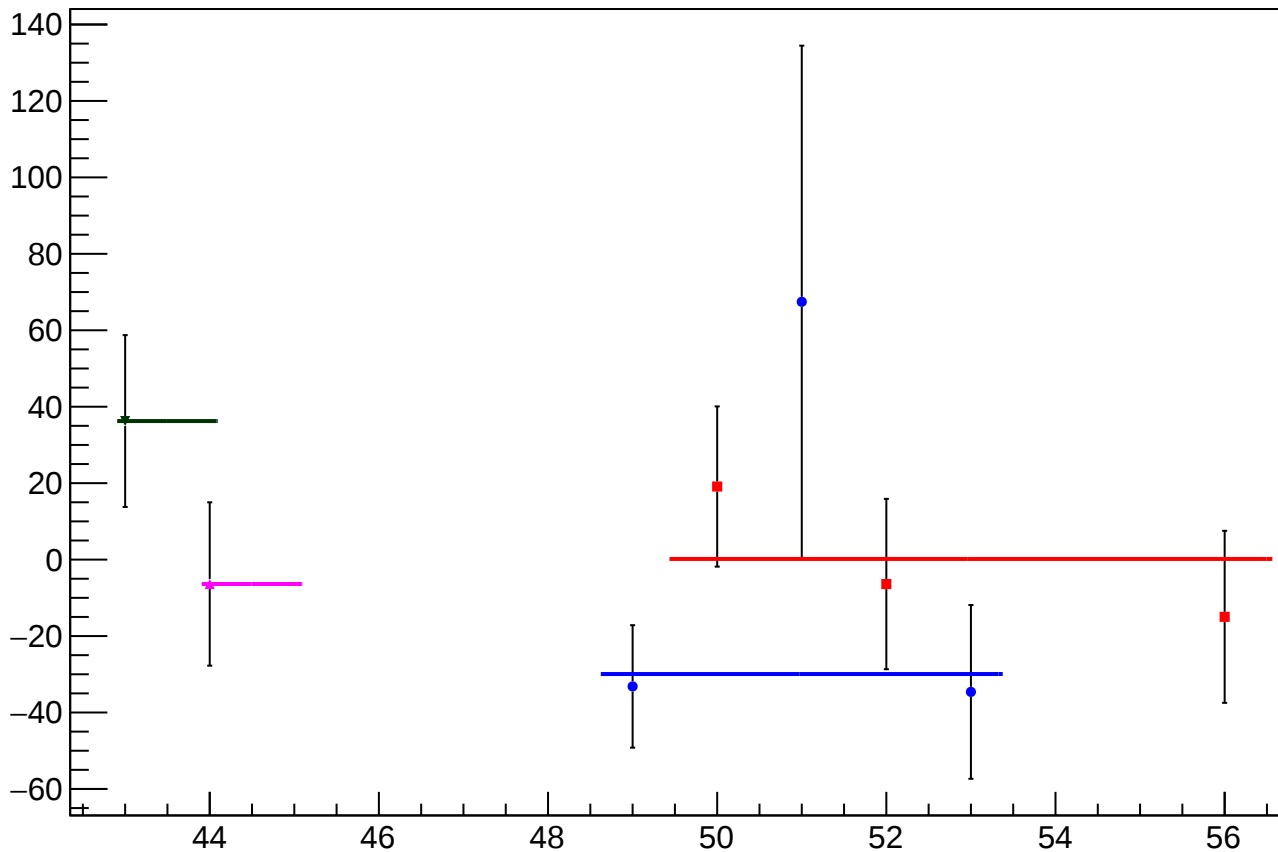
148.285 $\pm$ 0.077 χ^2/NDF : 19773.4/3

Right Out: 157.516 $\pm$ 0.092 χ^2/NDF : 45062.3/2

163.307 $\pm$ 0.082 χ^2/NDF : 65026.6/3

Left In: 186.629 $\pm$ 0.184 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -29.934 $\pm$ 12.852 χ^2 /NDF: 2.2/2

Left Out: 36.249 $\pm$ 22.481 χ^2 /NDF: 0.0/0

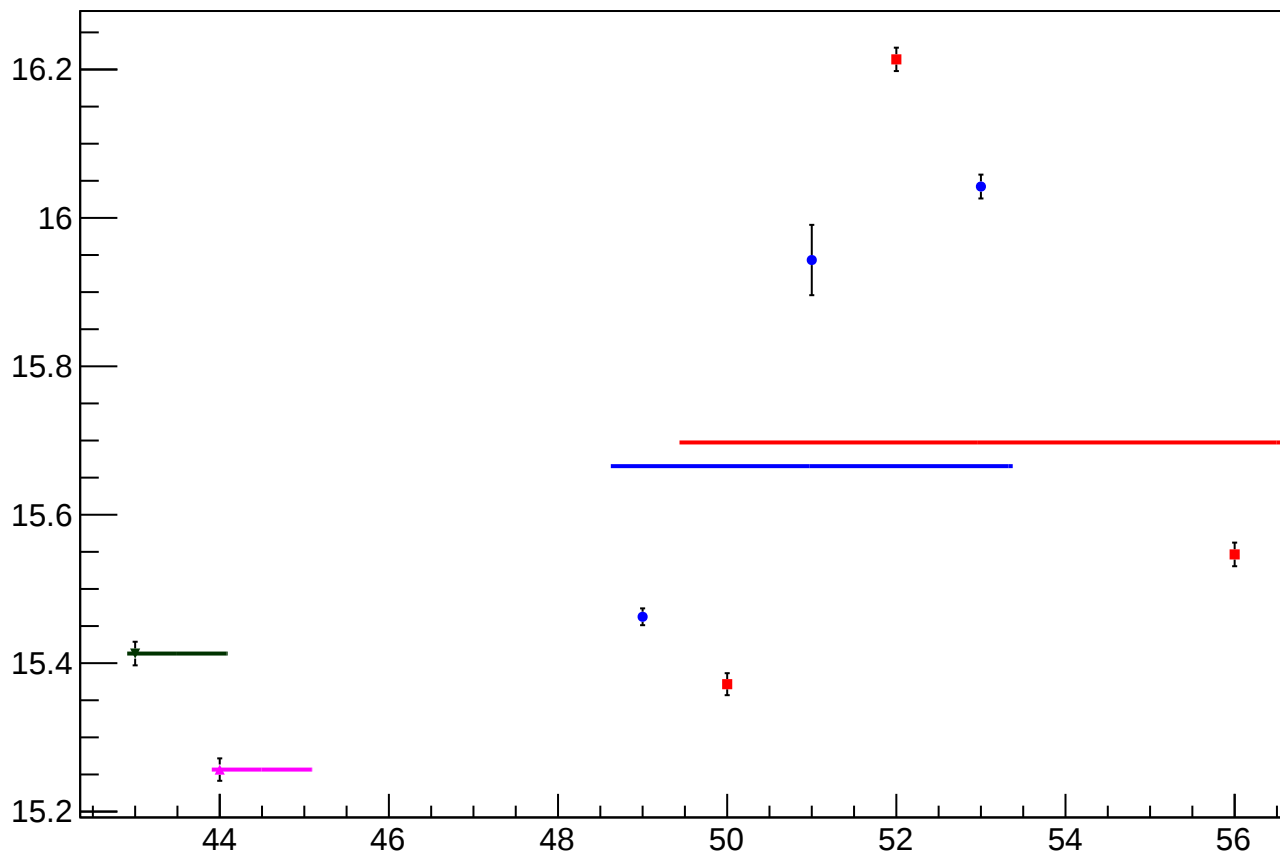
Right Out: 0.174 $\pm$ 12.635 χ^2 /NDF: 1.4/2

Left In: -6.377 $\pm$ 21.365 χ^2 /NDF: 0.0/0

-13.632 $\pm$ 11.157 χ^2 /NDF: 8.7/3

-1.523 $\pm$ 10.875 χ^2 /NDF: 1.4/3

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.665 $\pm$ 0.009 χ^2 /NDF: 904.9/2

Left Out: 15.413 $\pm$ 0.016 χ^2 /NDF: 0.0/0

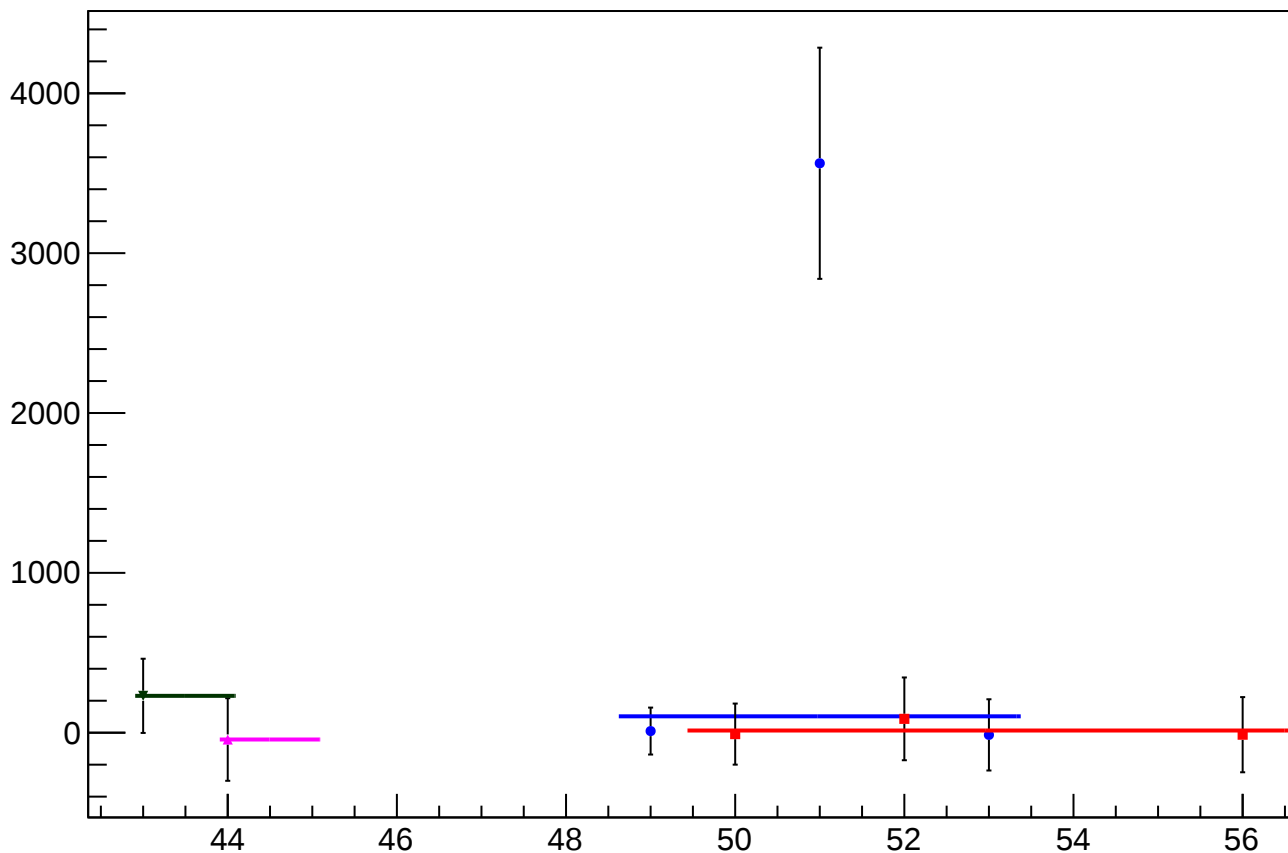
Right Out: 15.697 $\pm$ 0.009 χ^2 /NDF: 1646.1/2

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.603 $\pm$ 0.008 χ^2 /NDF: 1095.1/3

15.583 $\pm$ 0.008 χ^2 /NDF: 2276.9/3

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 102.443 $\pm$ 120.899 χ^2 /NDF: 23.6/2

Left Out: 230.569 $\pm$ 232.106 χ^2 /NDF: 0.0/0

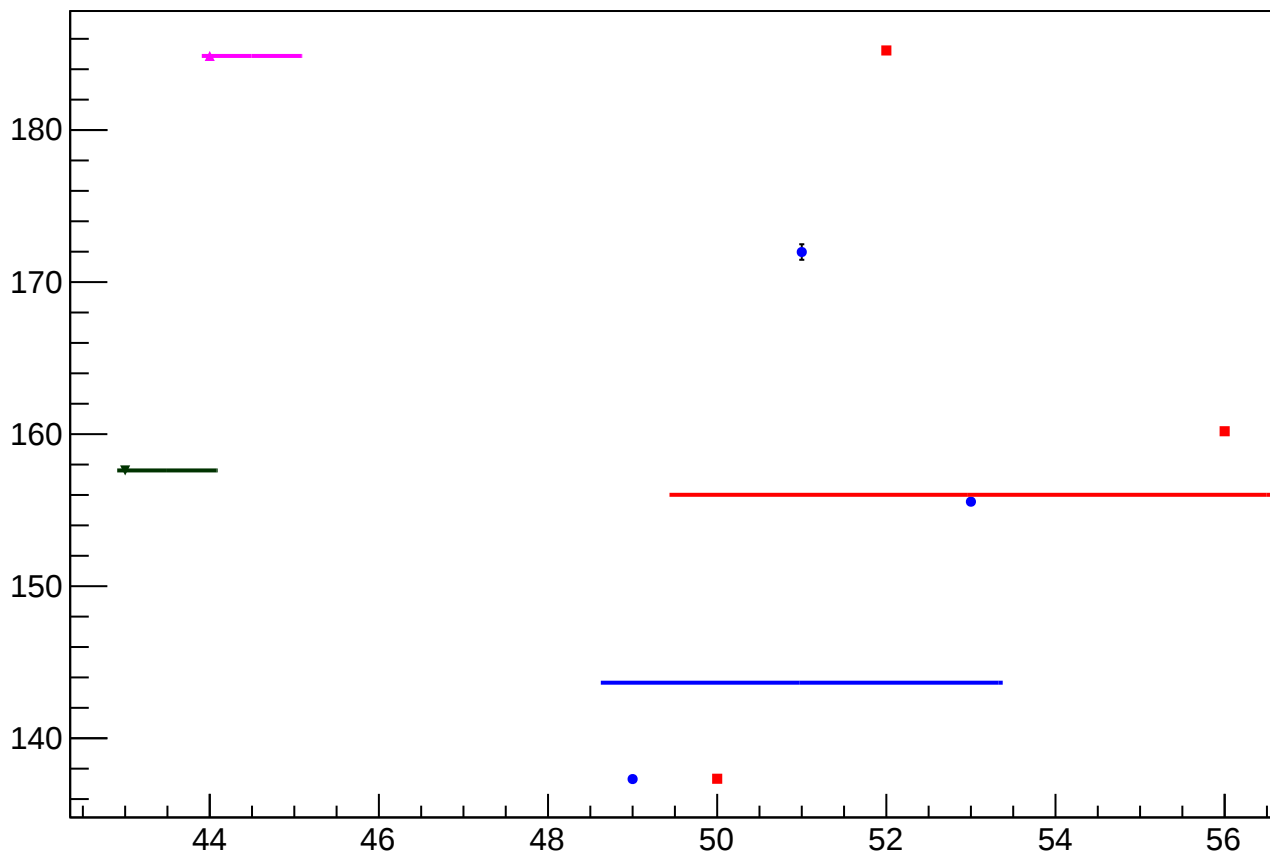
Right Out: 13.663 $\pm$ 128.681 χ^2 /NDF: 0.1/2

Left In: -42.573 $\pm$ 258.353 χ^2 /NDF: 0.0/0

129.787 $\pm$ 107.225 χ^2 /NDF: 23.8/3

2.485 $\pm$ 115.184 χ^2 /NDF: 0.1/3

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 143.653 $\pm$ 0.085 χ^2/NDF : 12499.9/2

Left Out: 157.613 $\pm$ 0.164 χ^2/NDF : 0.0/0

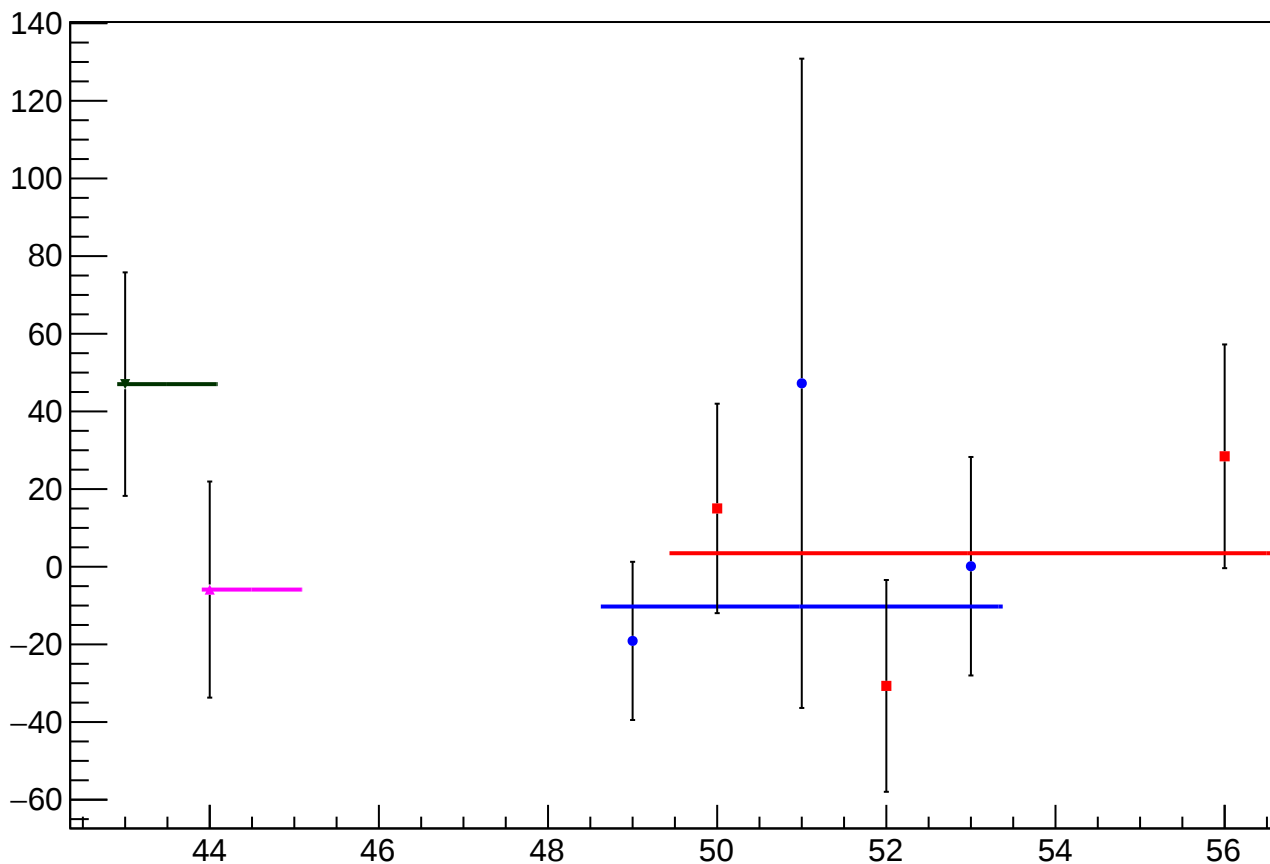
Right Out: 156.011 $\pm$ 0.091 χ^2/NDF : 45216.8/2

Left In: 184.874 $\pm$ 0.183 χ^2/NDF : 0.0/0

146.633 $\pm$ 0.076 χ^2/NDF : 18190.4/3

161.748 $\pm$ 0.081 χ^2/NDF : 65217.8/3

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -10.249 ± 16.188 $\chi^2/\text{NDF}: 0.8/2$

Left Out: 47.028 ± 28.784 $\chi^2/\text{NDF}: 0.0/0$

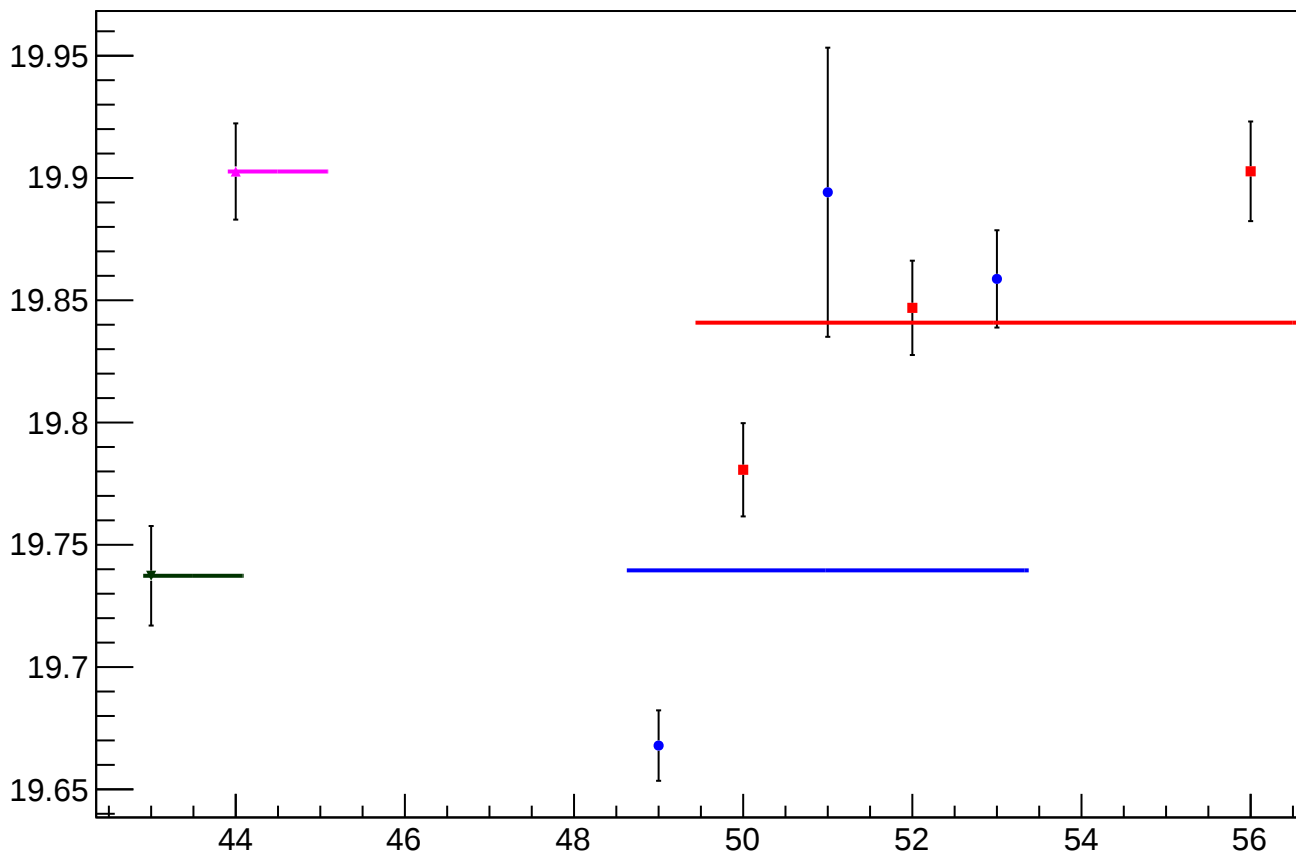
Right Out: 3.479 ± 15.964 $\chi^2/\text{NDF}: 2.5/2$

Left In: -5.884 ± 27.829 $\chi^2/\text{NDF}: 0.0/0$

3.513 ± 14.109 $\chi^2/\text{NDF}: 3.8/3$

1.161 ± 13.848 $\chi^2/\text{NDF}: 2.6/3$

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.740 $\pm$ 0.011 χ^2 /NDF: 67.5/2

Left Out: 19.737 $\pm$ 0.020 χ^2 /NDF: 0.0/0

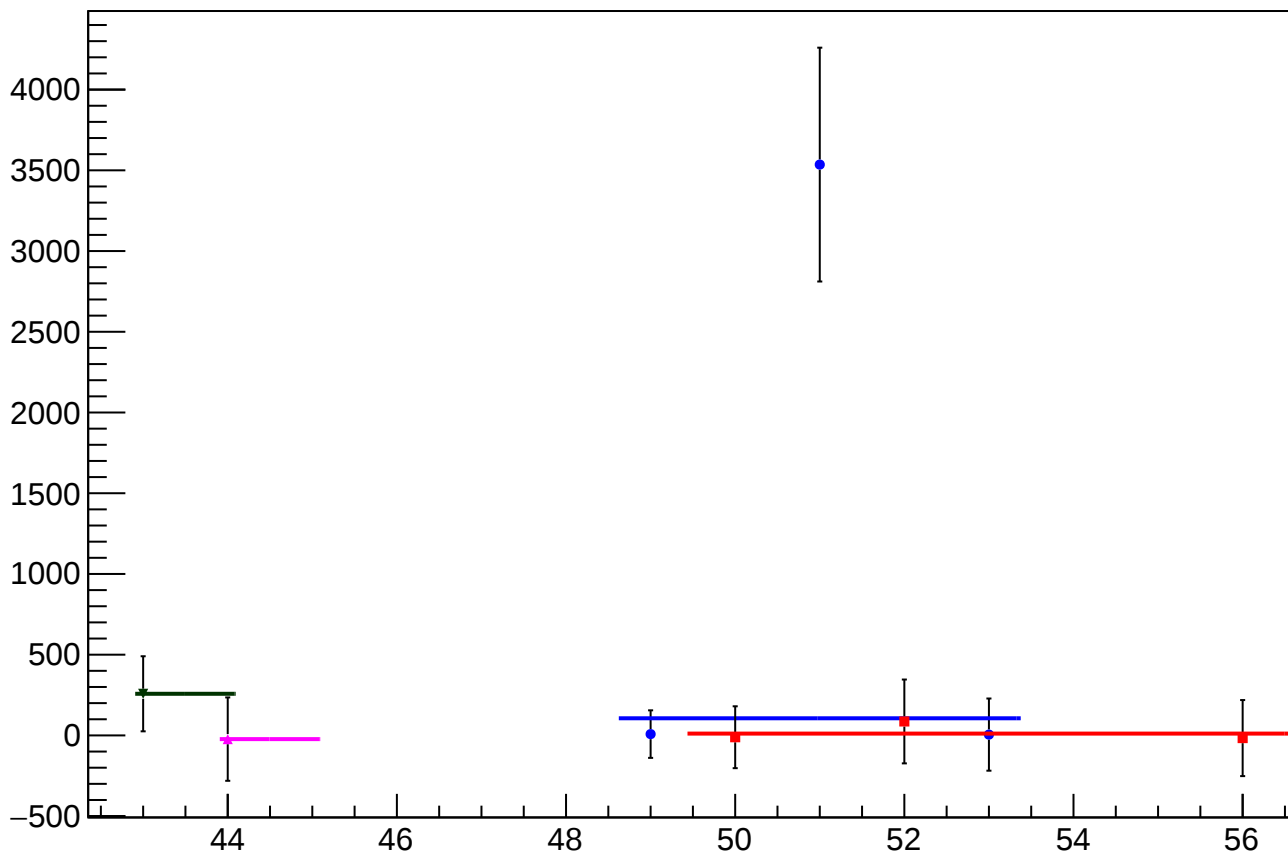
Right Out: 19.841 $\pm$ 0.011 χ^2 /NDF: 19.3/2

Left In: 19.903 $\pm$ 0.020 χ^2 /NDF: 0.0/0

19.739 $\pm$ 0.010 χ^2 /NDF: 67.5/3

19.856 $\pm$ 0.010 χ^2 /NDF: 26.7/3

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 106.093 $\pm$ 121.237 χ^2 /NDF: 23.1/2

Left Out: 257.793 $\pm$ 232.498 χ^2 /NDF: 0.0/0

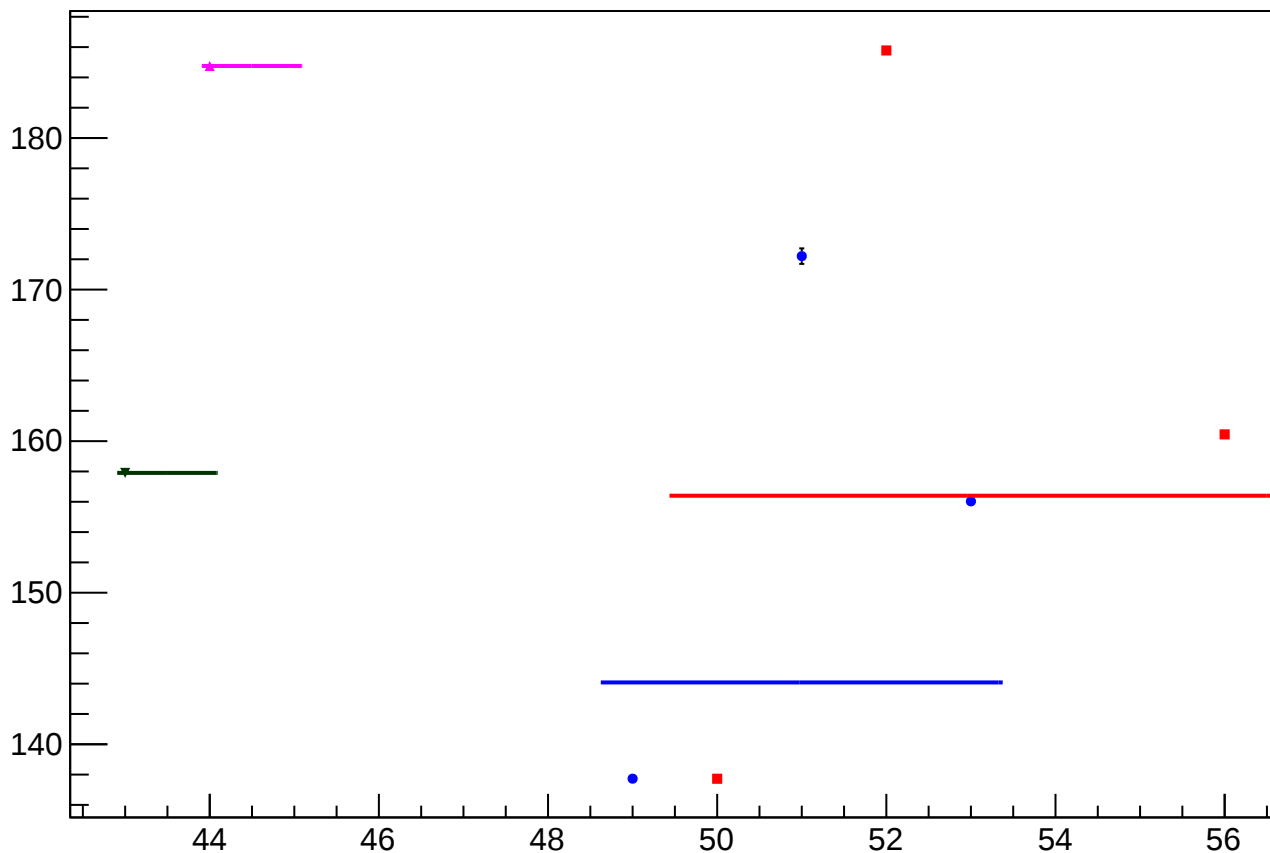
Right Out: 11.265 $\pm$ 129.000 χ^2 /NDF: 0.1/2

Left In: -22.928 $\pm$ 258.180 χ^2 /NDF: 0.0/0

138.524 $\pm$ 107.499 χ^2 /NDF: 23.4/3

4.434 $\pm$ 115.397 χ^2 /NDF: 0.1/3

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 144.080 $\pm$ 0.086 χ^2/NDF : 12451.3/2

Left Out: 157.905 $\pm$ 0.164 χ^2/NDF : 0.0/0

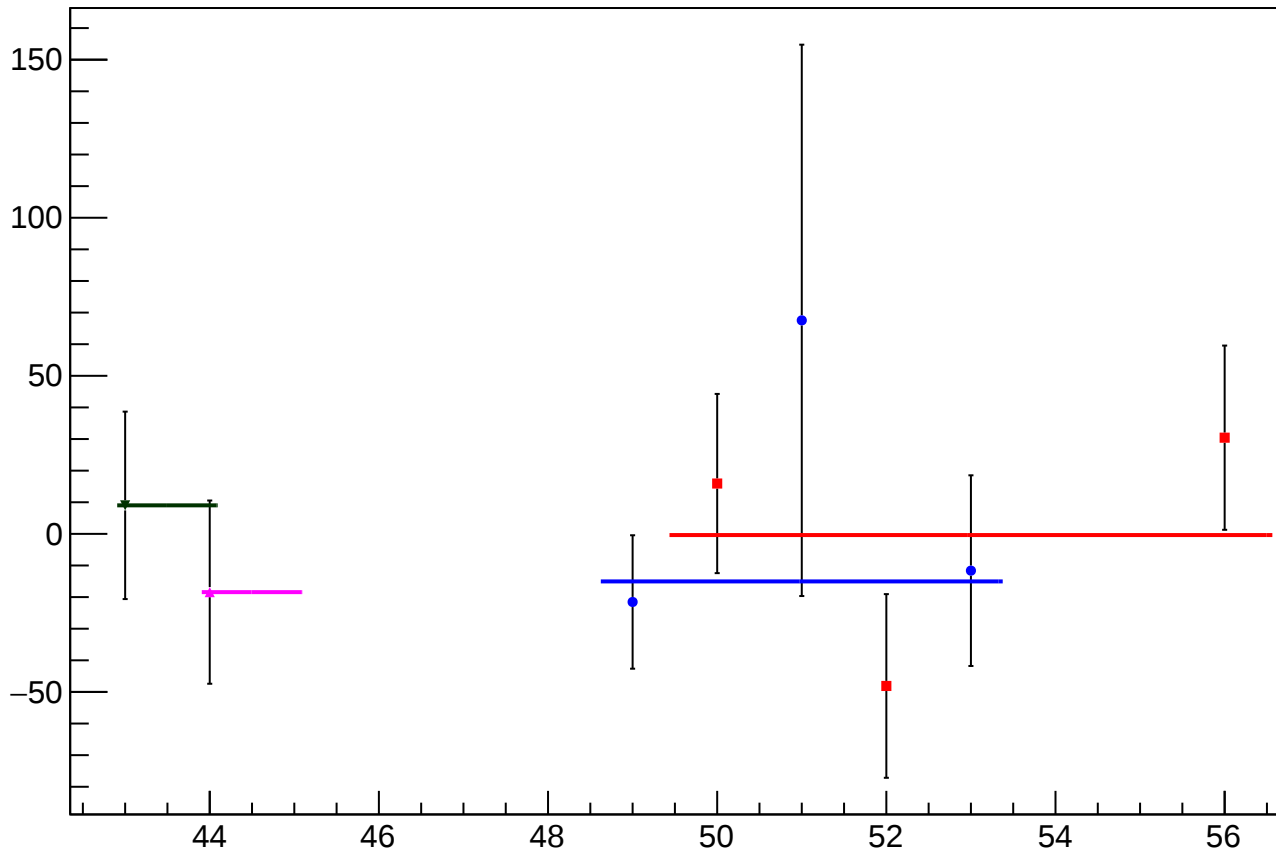
Right Out: 156.400 $\pm$ 0.091 χ^2/NDF : 45189.7/2

Left In: 184.755 $\pm$ 0.183 χ^2/NDF : 0.0/0

147.036 $\pm$ 0.076 χ^2/NDF : 18011.5/3

162.065 $\pm$ 0.082 χ^2/NDF : 64494.6/3

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -15.040±16.962 χ^2/NDF : 1.0/2

Left Out: 9.023±29.646 χ^2/NDF : 0.0/0

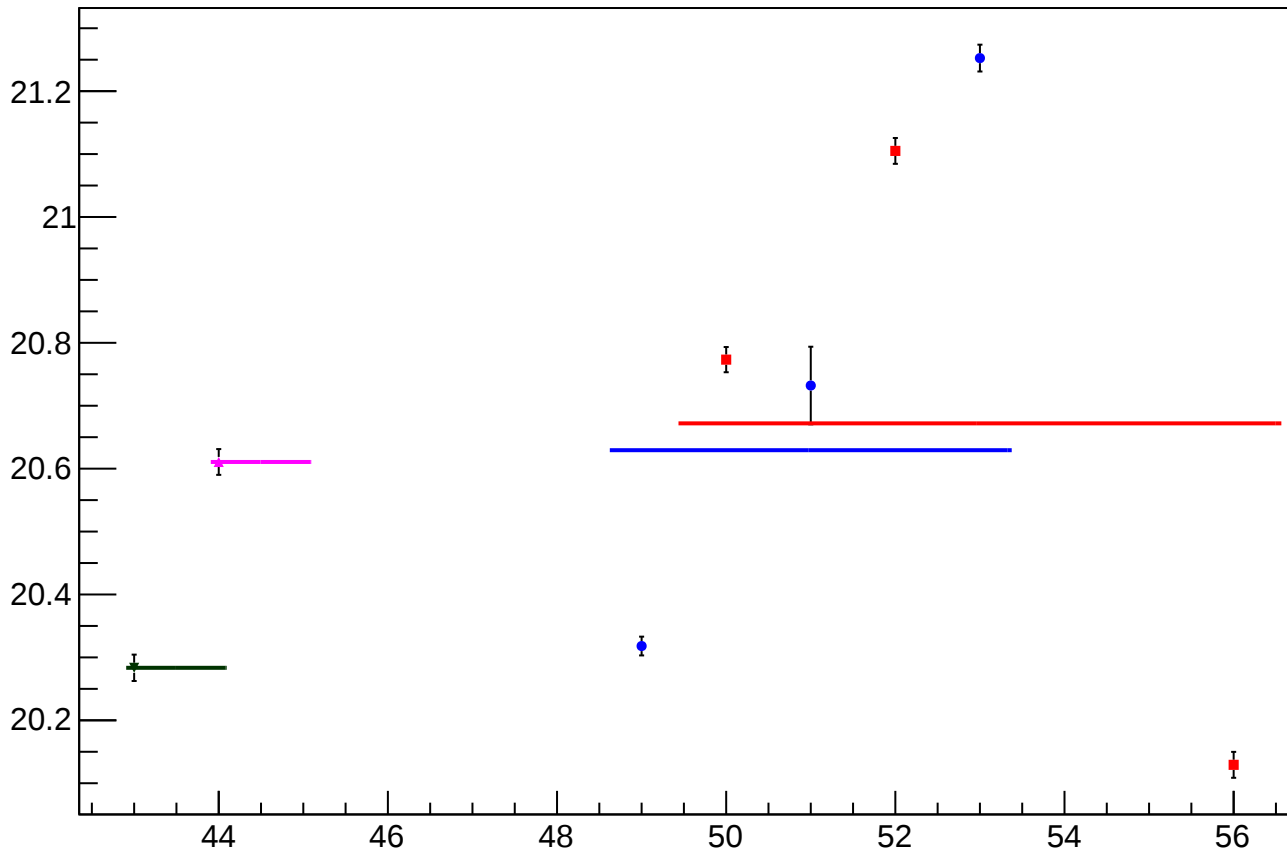
Right Out: -0.375±16.650 χ^2/NDF : 4.1/2

Left In: -18.430±28.983 χ^2/NDF : 0.0/0

-9.106±14.722 χ^2/NDF : 1.5/3

-4.855±14.438 χ^2/NDF : 4.4/3

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.629 $\pm$ 0.012 χ^2 /NDF: 1291.9/2

Left Out: 20.283 $\pm$ 0.021 χ^2 /NDF: 0.0/0

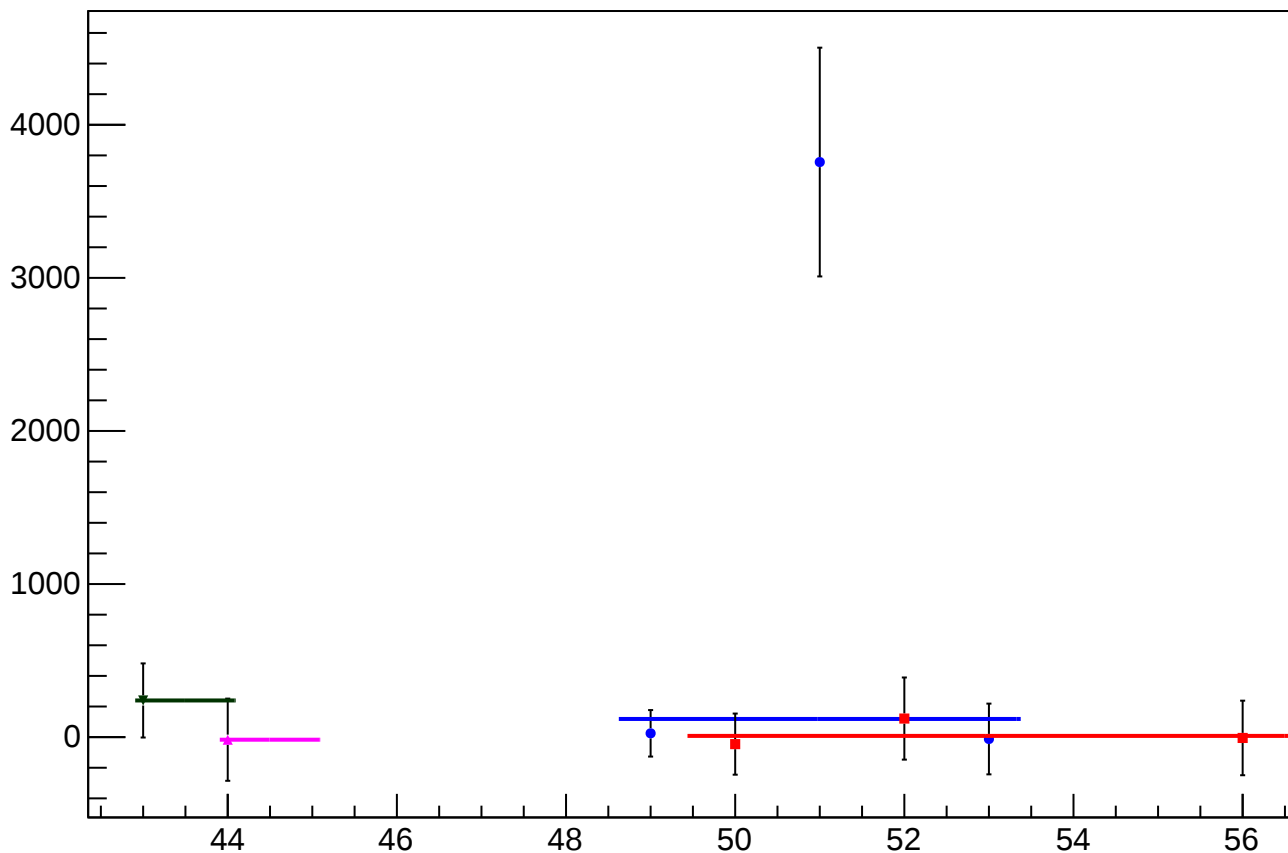
20.544 $\pm$ 0.010 χ^2 /NDF: 1497.0/3

Right Out: 20.672 $\pm$ 0.012 χ^2 /NDF: 1163.7/2

20.657 $\pm$ 0.010 χ^2 /NDF: 1170.4/3

Left In: 20.611 $\pm$ 0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 118.724+/-125.132 χ^2/NDF : 24.4/2

Left Out: 239.549+/-242.055 χ^2/NDF : 0.0/0

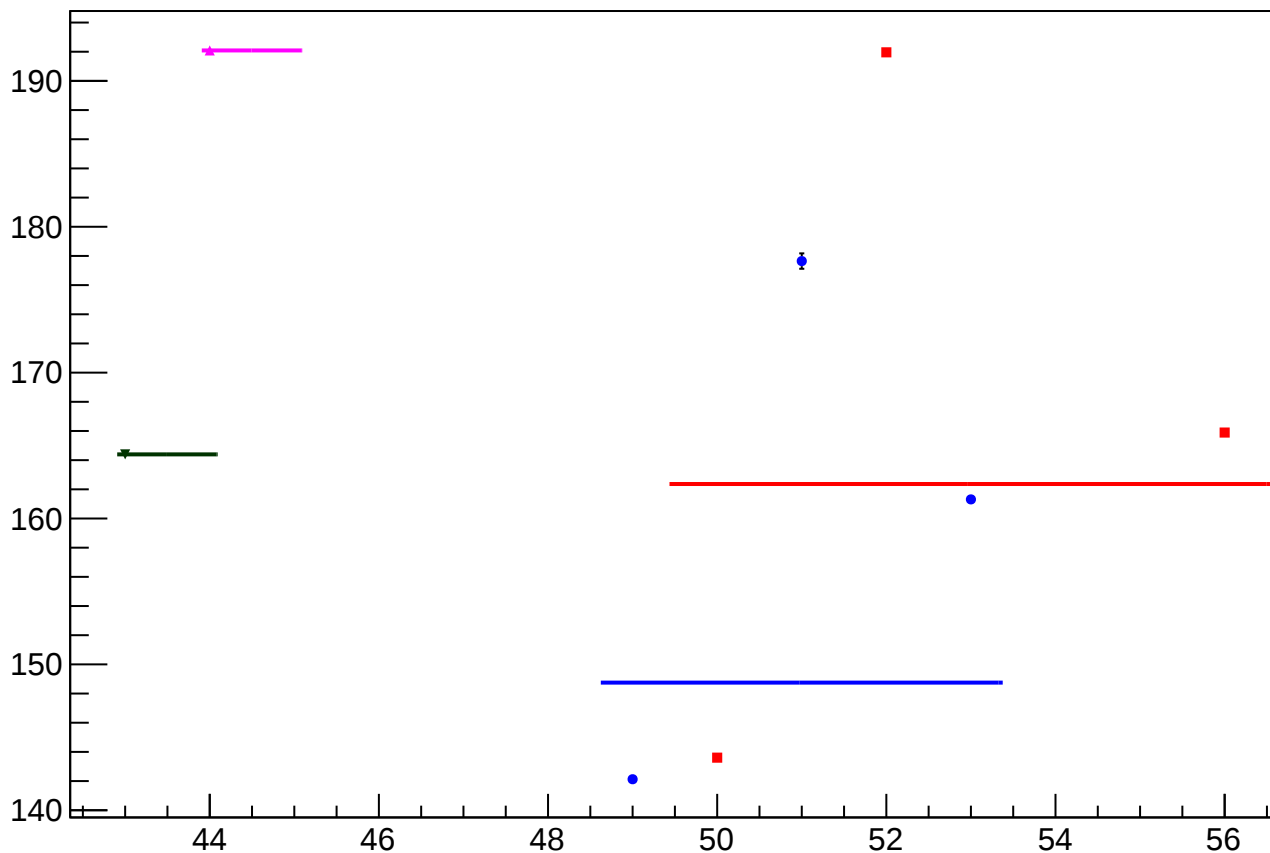
Right Out: 8.056+/-133.812 χ^2/NDF : 0.3/2

Left In: -16.805+/-268.428 χ^2/NDF : 0.0/0

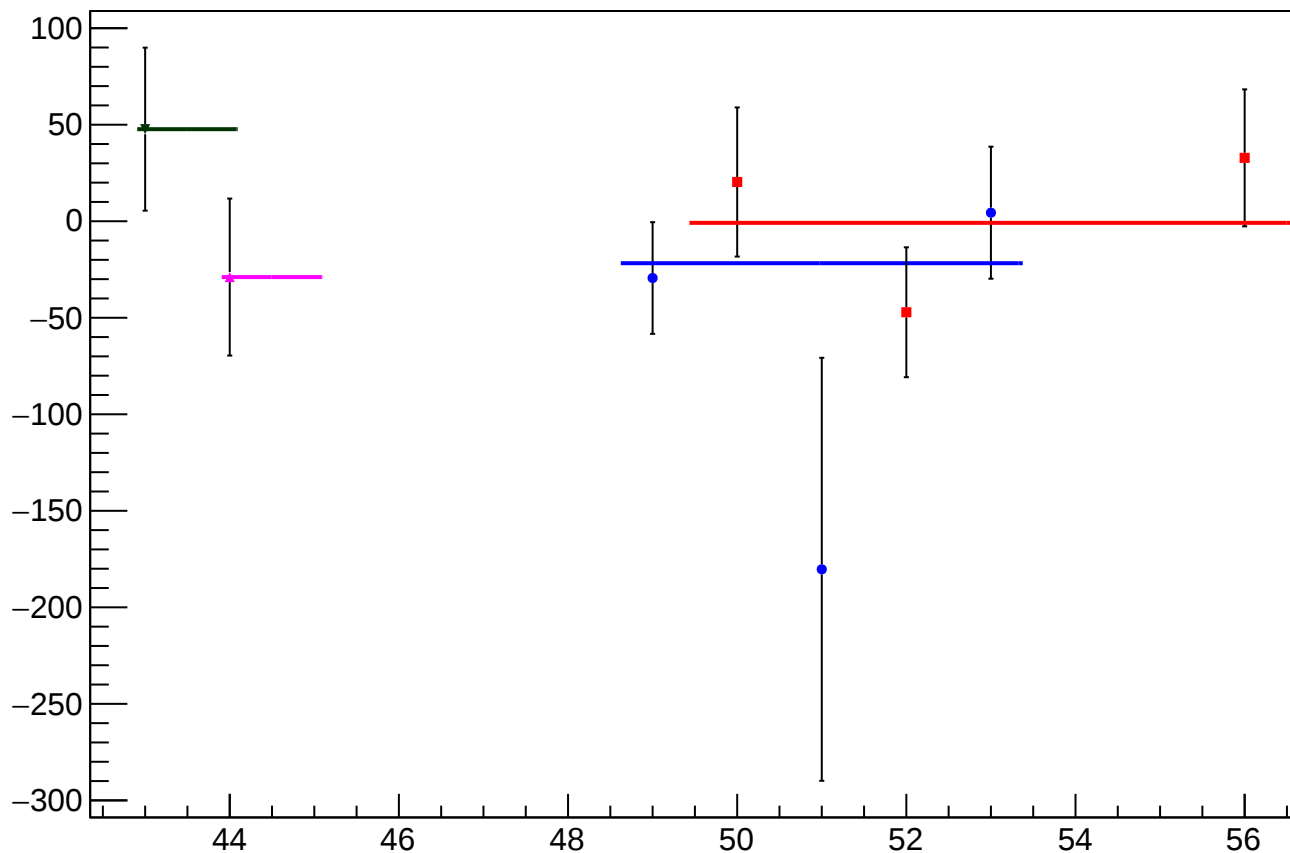
144.204+/-111.157 χ^2/NDF : 24.6/3

3.108+/-119.757 χ^2/NDF : 0.3/3

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -21.740 ± 21.653 $\chi^2/NDF: 2.8/2$

Left Out: 47.694 ± 42.218 $\chi^2/NDF: 0.0/0$

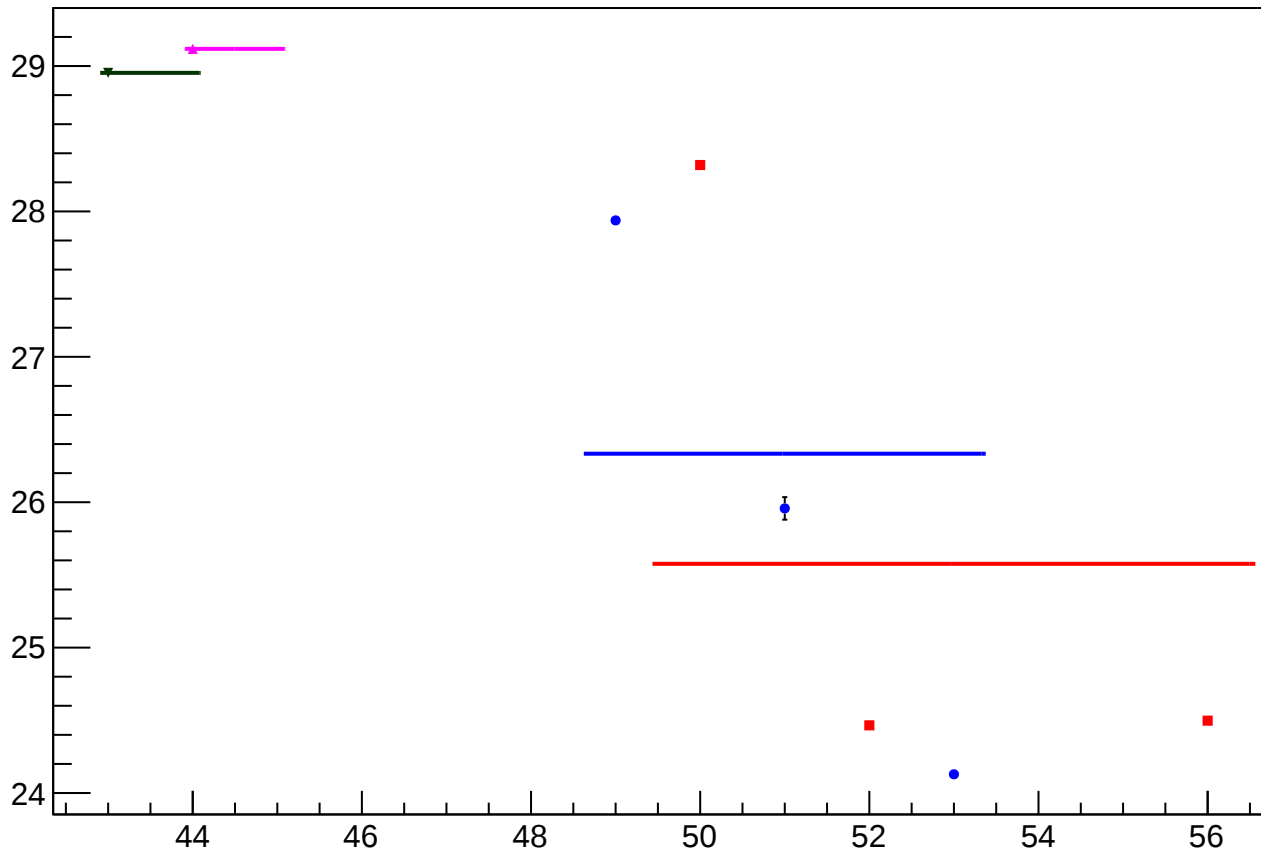
Right Out: -0.834 ± 20.635 $\chi^2/NDF: 3.1/2$

Left In: -28.921 ± 40.658 $\chi^2/NDF: 0.0/0$

-7.279 ± 19.267 $\chi^2/NDF: 4.9/3$

-6.587 ± 18.401 $\chi^2/NDF: 3.5/3$

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 26.334 $\pm$ 0.015 χ^2/NDF : 14488.9/2

Left Out: 28.953 $\pm$ 0.030 χ^2/NDF : 0.0/0

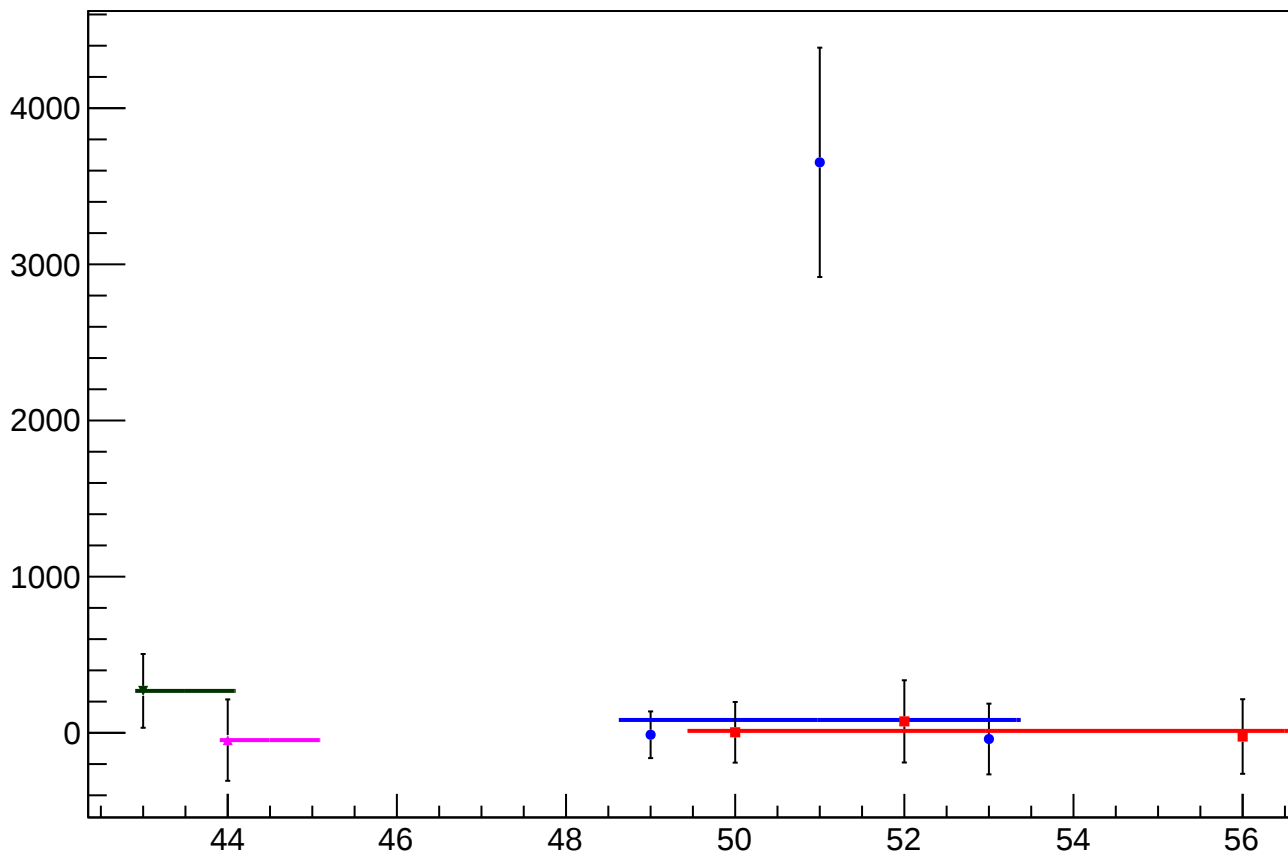
Right Out: 25.576 $\pm$ 0.015 χ^2/NDF : 14116.6/2

Left In: 29.118 $\pm$ 0.029 χ^2/NDF : 0.0/0

26.879 $\pm$ 0.014 χ^2/NDF : 20584.6/3

26.302 $\pm$ 0.013 χ^2/NDF : 26185.1/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 82.495+/-122.999 χ^2/NDF : 24.3/2

Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

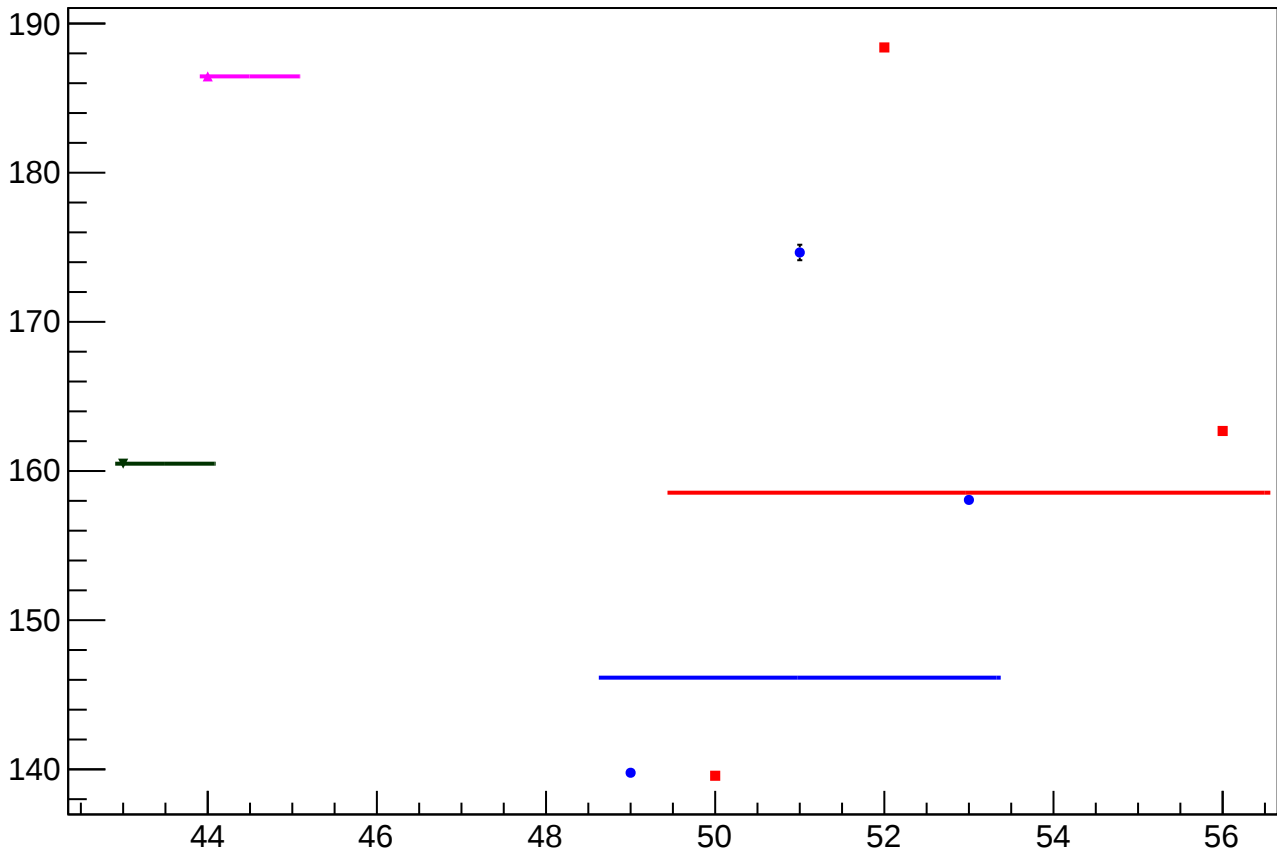
Right Out: 12.573+/-130.789 χ^2/NDF : 0.1/2

Left In: -46.555+/-260.560 χ^2/NDF : 0.0/0

122.178+/-109.099 χ^2/NDF : 24.8/3

0.674+/-116.890 χ^2/NDF : 0.1/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 146.147+/-0.087 χ^2/NDF : 12189.2/2

Left Out: 160.492+/-0.167 χ^2/NDF : 0.0/0

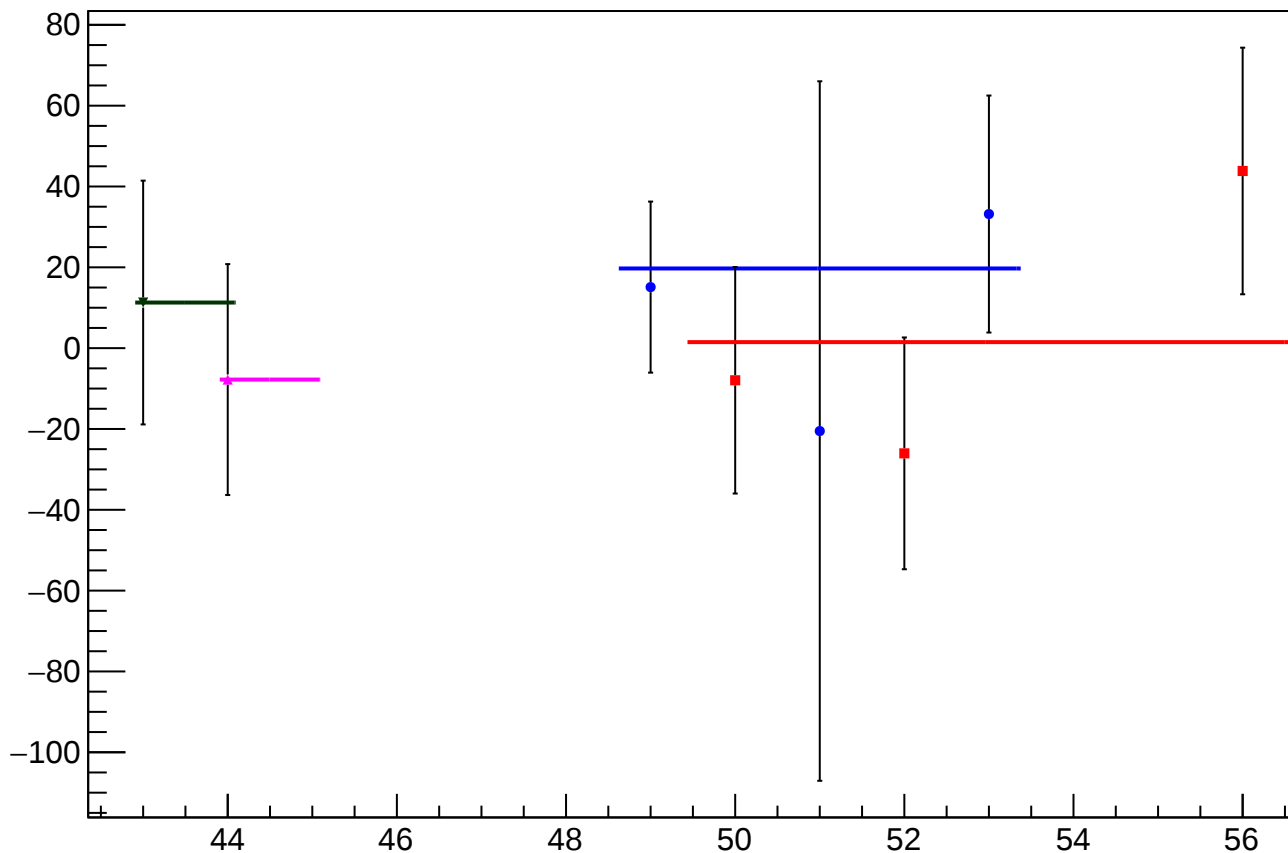
Right Out: 158.547+/-0.092 χ^2/NDF : 45390.8/2

Left In: 186.457+/-0.184 χ^2/NDF : 0.0/0

149.206+/-0.077 χ^2/NDF : 17990.5/3

164.164+/-0.083 χ^2/NDF : 63719.8/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 19.717 $\pm$ 16.833 χ^2/NDF : 0.5/2

Left Out: 11.285 $\pm$ 30.163 χ^2/NDF : 0.0/0

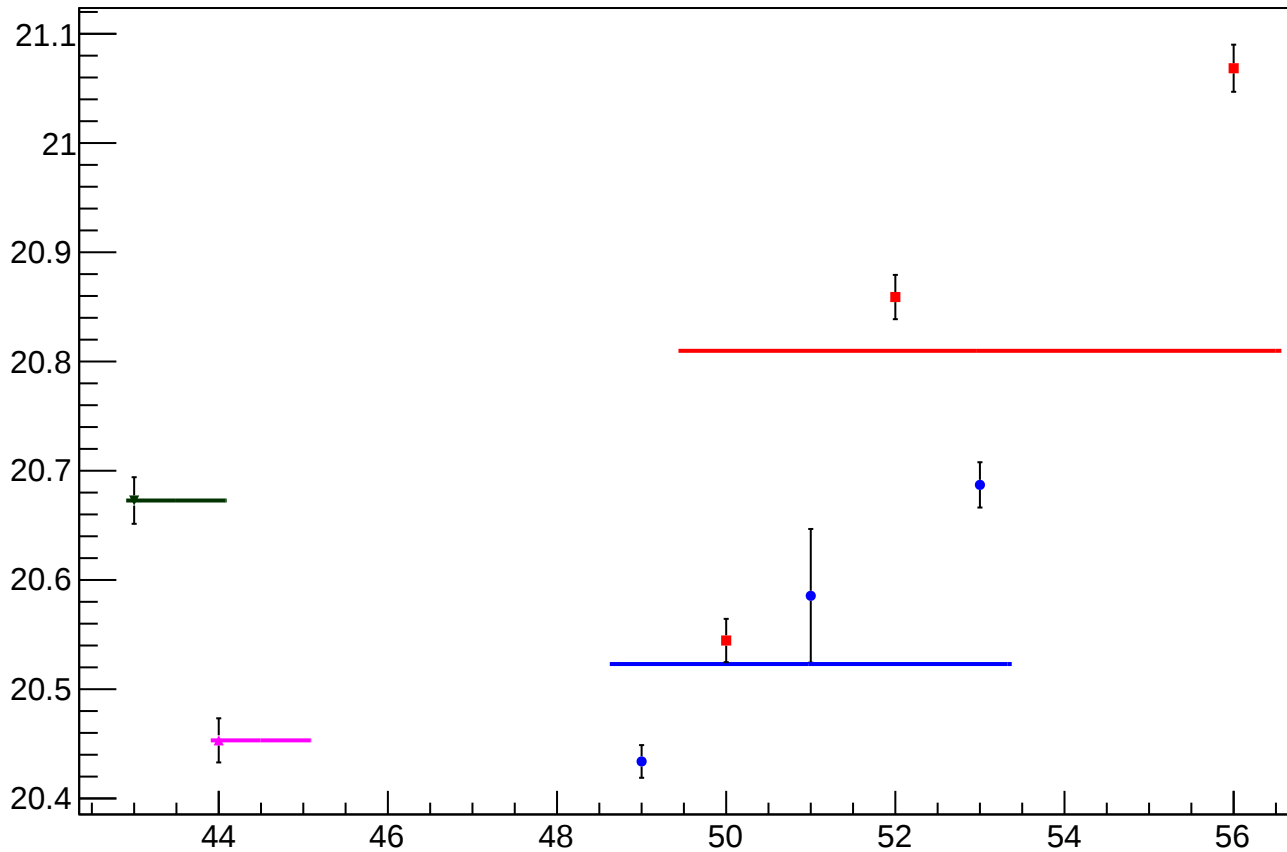
Right Out: 1.490 $\pm$ 16.752 χ^2/NDF : 3.0/2

Left In: -7.775 $\pm$ 28.568 χ^2/NDF : 0.0/0

17.714 $\pm$ 14.699 χ^2/NDF : 0.5/3

-0.881 $\pm$ 14.451 χ^2/NDF : 3.0/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.523 ± 0.012 χ^2/NDF : 99.1/2

Left Out: 20.673 ± 0.021 χ^2/NDF : 0.0/0

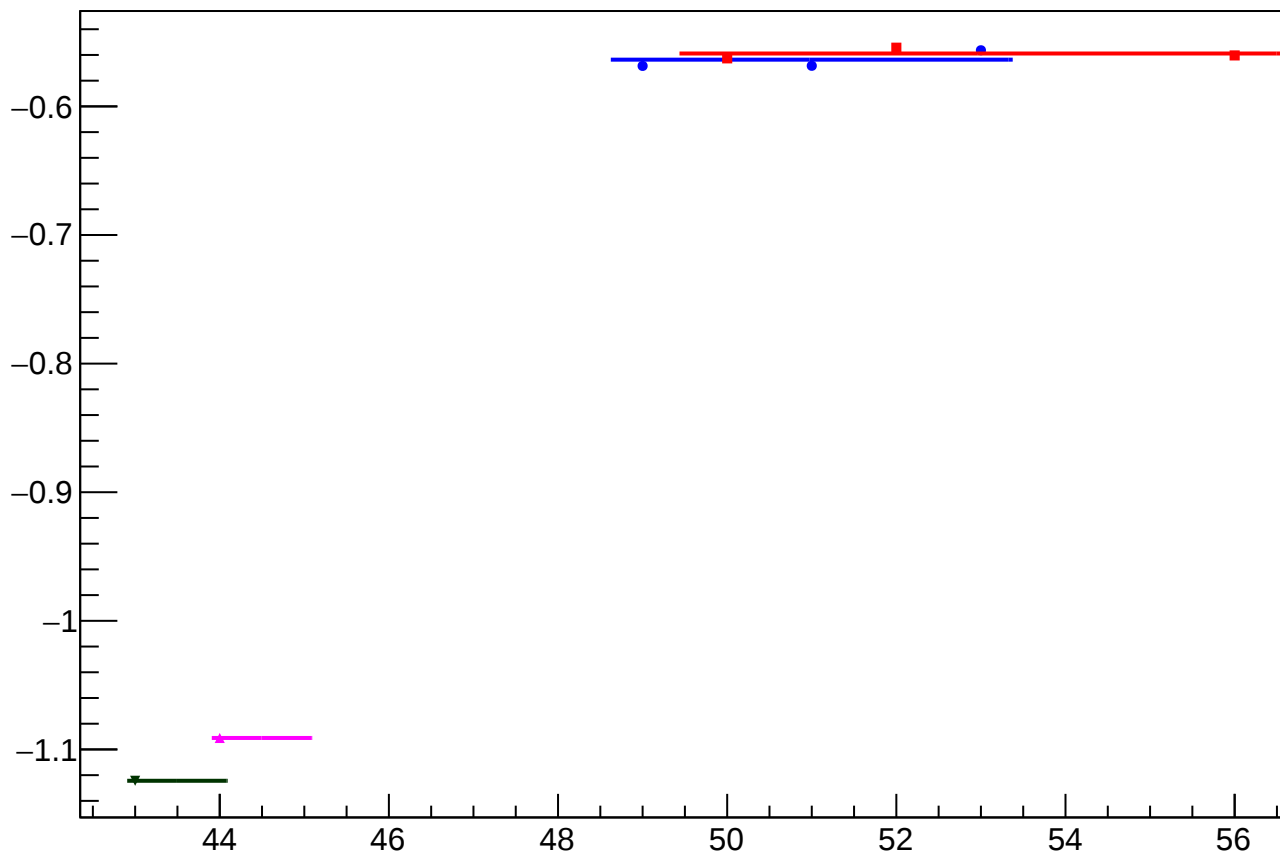
Right Out: 20.810 ± 0.012 χ^2/NDF : 328.8/2

Left In: 20.453 ± 0.020 χ^2/NDF : 0.0/0

20.559 ± 0.010 χ^2/NDF : 136.7/3

20.719 ± 0.010 χ^2/NDF : 560.7/3

yield_bpm0l01X_mean vs slug



Right In: -0.564+/-0.000 χ^2 /NDF: 489998.5/2

Left Out: -1.124+/-0.000 χ^2 /NDF: 0.0/0

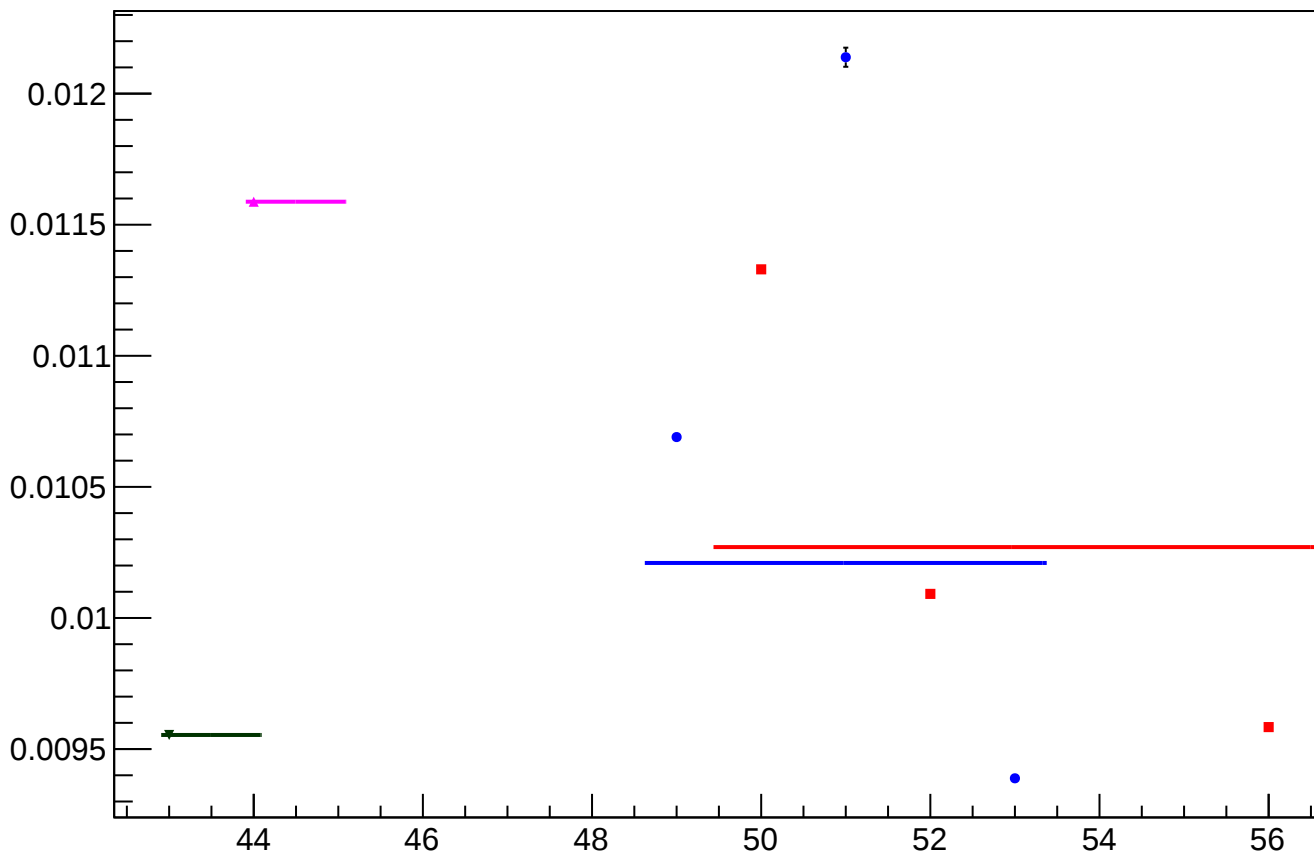
Right Out: -0.559+/-0.000 χ^2 /NDF: 174269.3/2

Left In: -1.091+/-0.000 χ^2 /NDF: 0.0/0

-0.714+/-0.000 χ^2 /NDF: 1162973487.0/3

-0.671+/-0.000 χ^2 /NDF: 846935633.4/3

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 13887.0/2

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

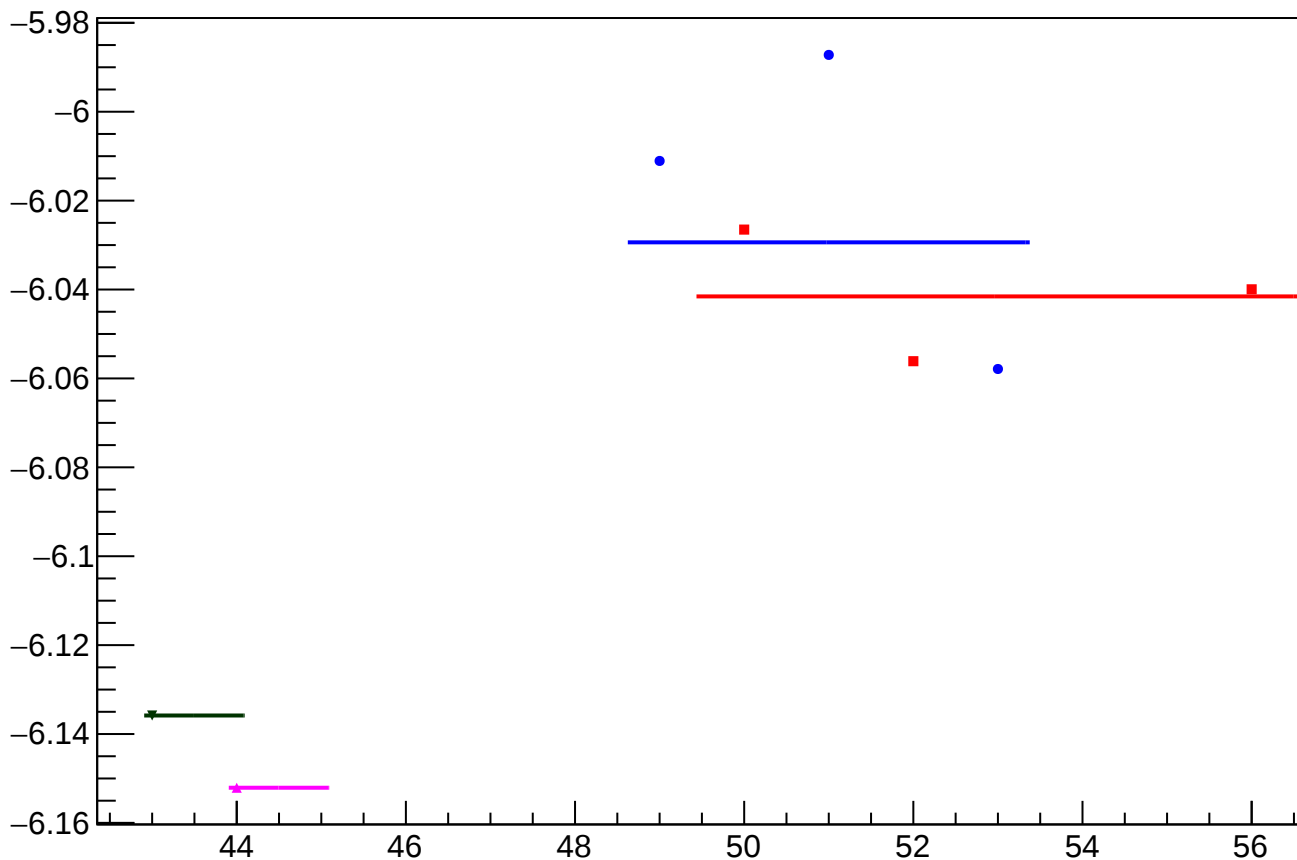
Right Out: 0.010+/-0.000 χ^2/NDF : 14309.9/2

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 17070.2/3

0.011+/-0.000 χ^2/NDF : 24685.6/3

yield_bpm0l01Y_mean vs slug



Right In: -6.029+/-0.000 χ^2/NDF : 8589021.3/2

Left Out: -6.136+/-0.000 χ^2/NDF : 0.0/0

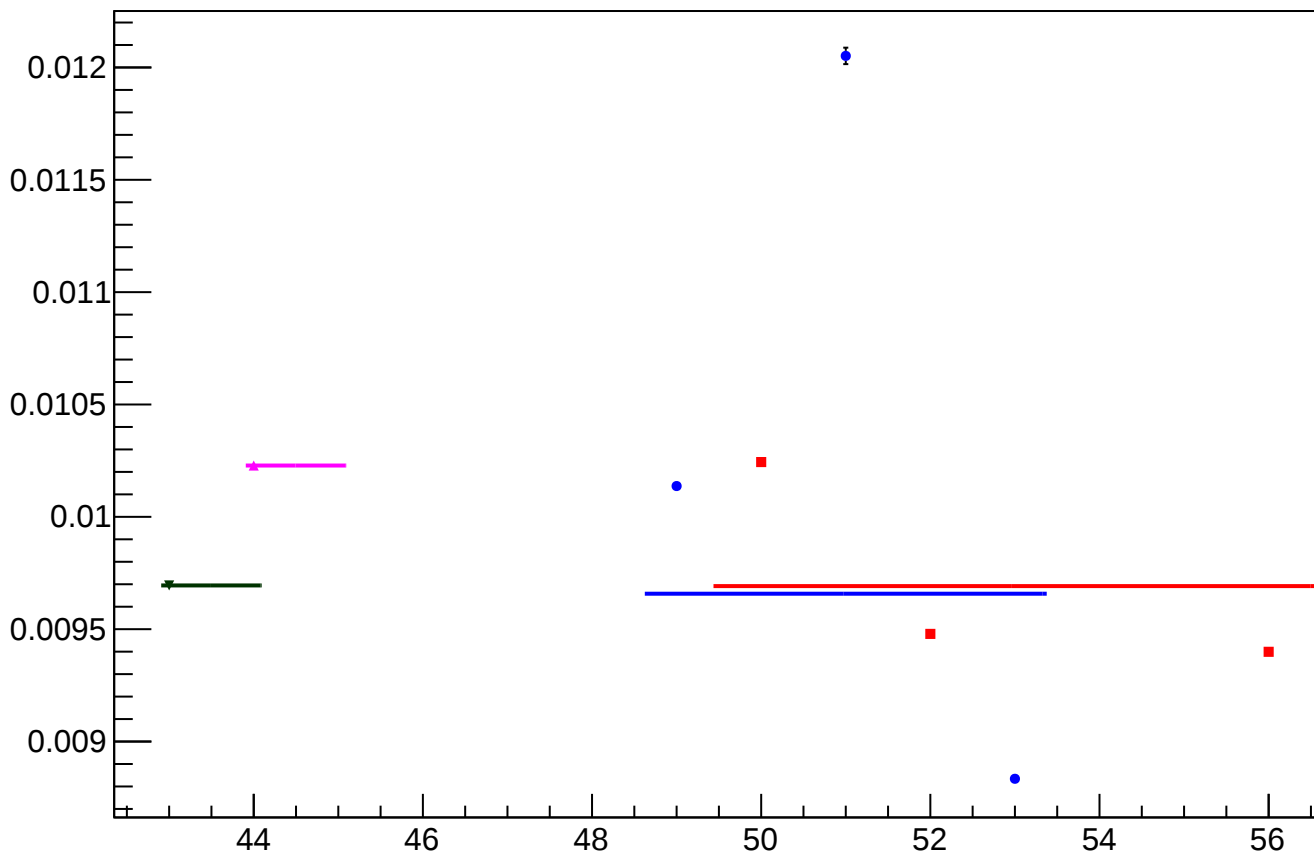
Right Out: -6.042+/-0.000 χ^2/NDF : 2324923.1/2

Left In: -6.152+/-0.000 χ^2/NDF : 0.0/0

-6.055+/-0.000 χ^2/NDF : 50395779.0/3

-6.067+/-0.000 χ^2/NDF : 47151825.8/3

yield_bpm0l01Y_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2/NDF : 16636.7/2

Left Out: 0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

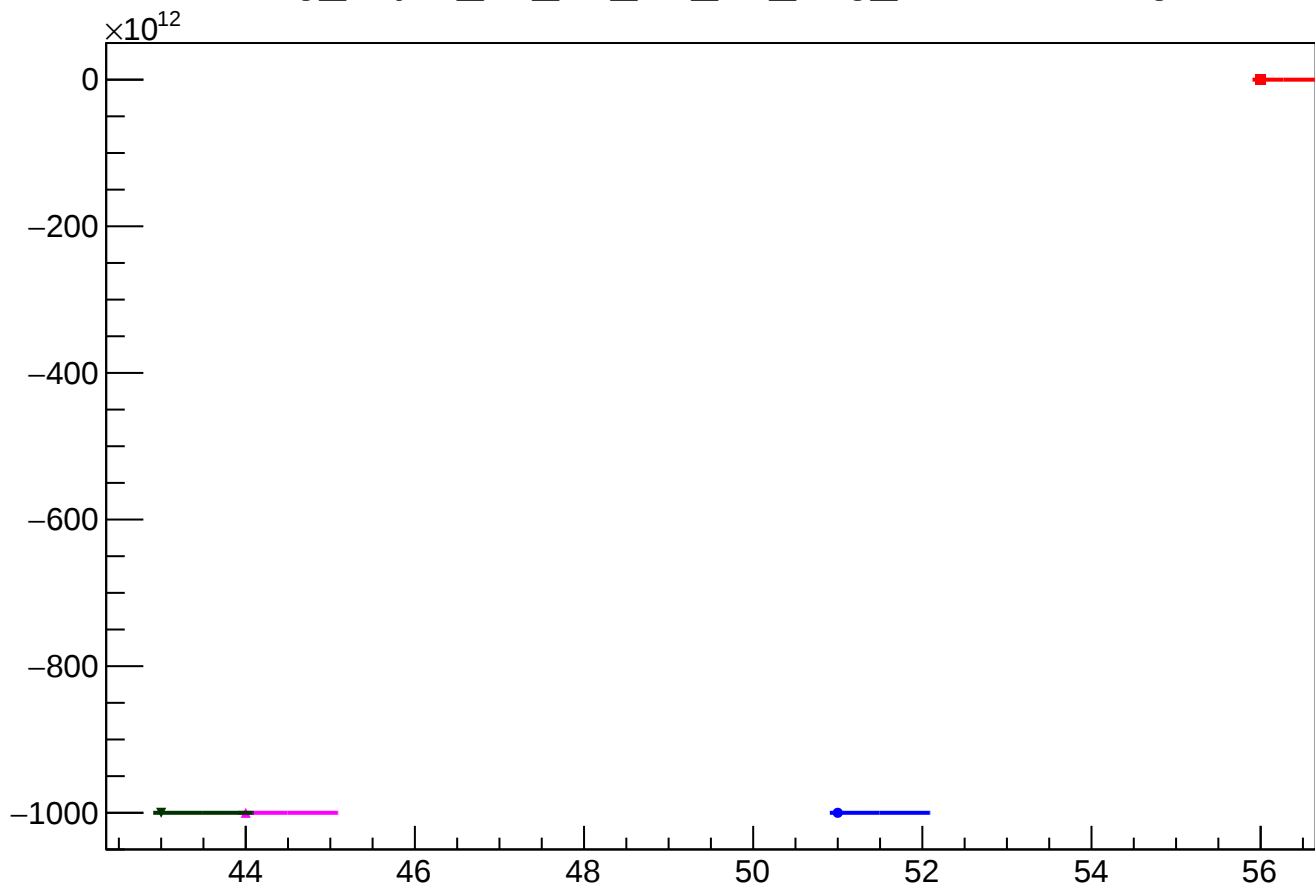
Right Out: 0.010 $\pm$ 0.000 χ^2/NDF : 4398.7/2

Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.010 $\pm$ 0.000 χ^2/NDF : 16646.7/3

0.010 $\pm$ 0.000 χ^2/NDF : 6511.7/3

reg_asym_atl_dd_atr_dd_avg_mean vs slug



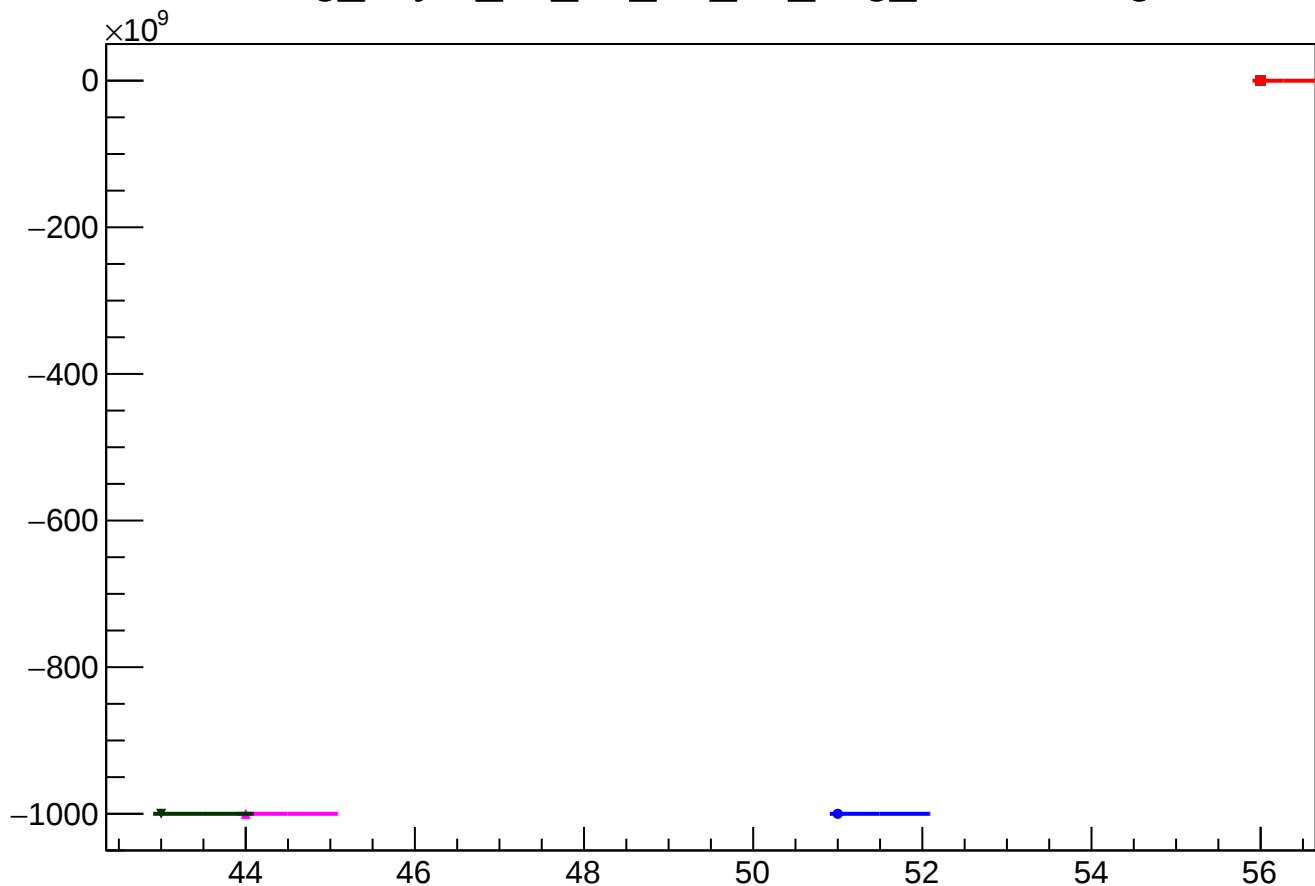
Right In: -9999999999999999.875 $\pm$ 0.062 χ^2/NDF : 0.0/0

Left Out: -10000000000000000.250 $\pm$ 0.018 χ^2/NDF : 47.0/0

Right Out: -75.920 $\pm$ 1450.832 χ^2/NDF : 0.0/0

Left In: -10000000000000000.125 $\pm$ 0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_avg_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

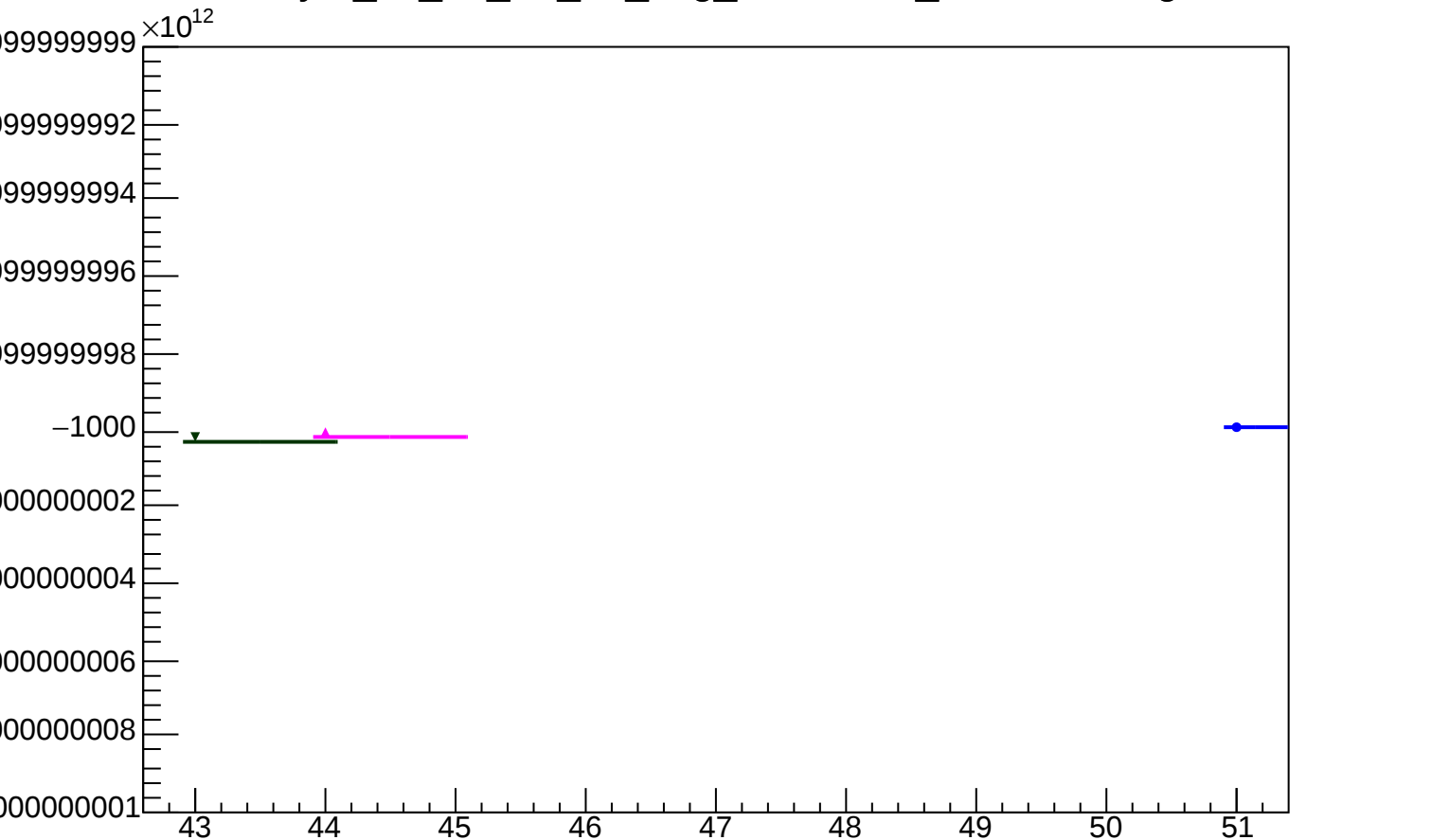
Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

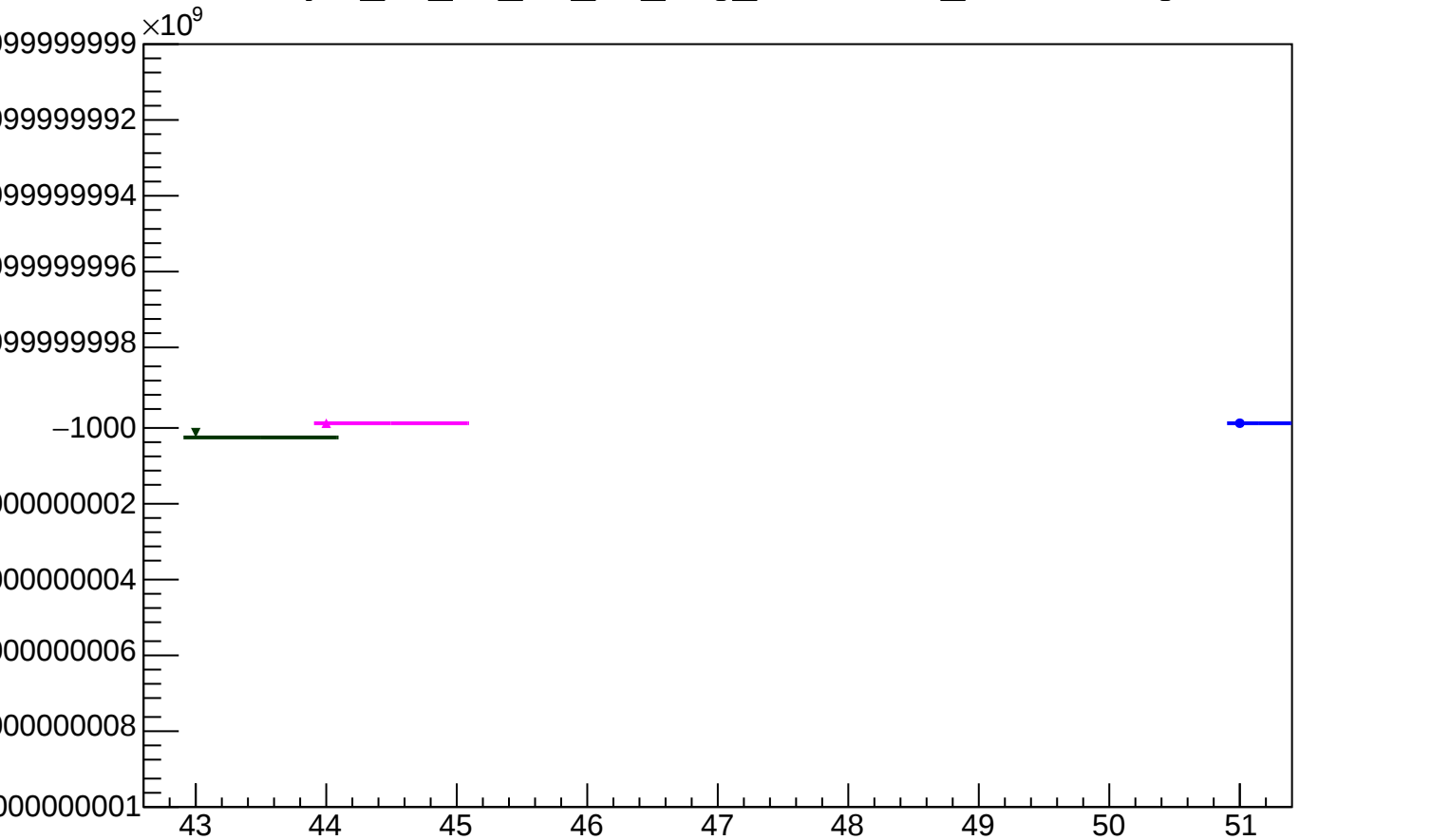
-999999999716.831+/-0.000 χ^2/NDF : 9501578

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

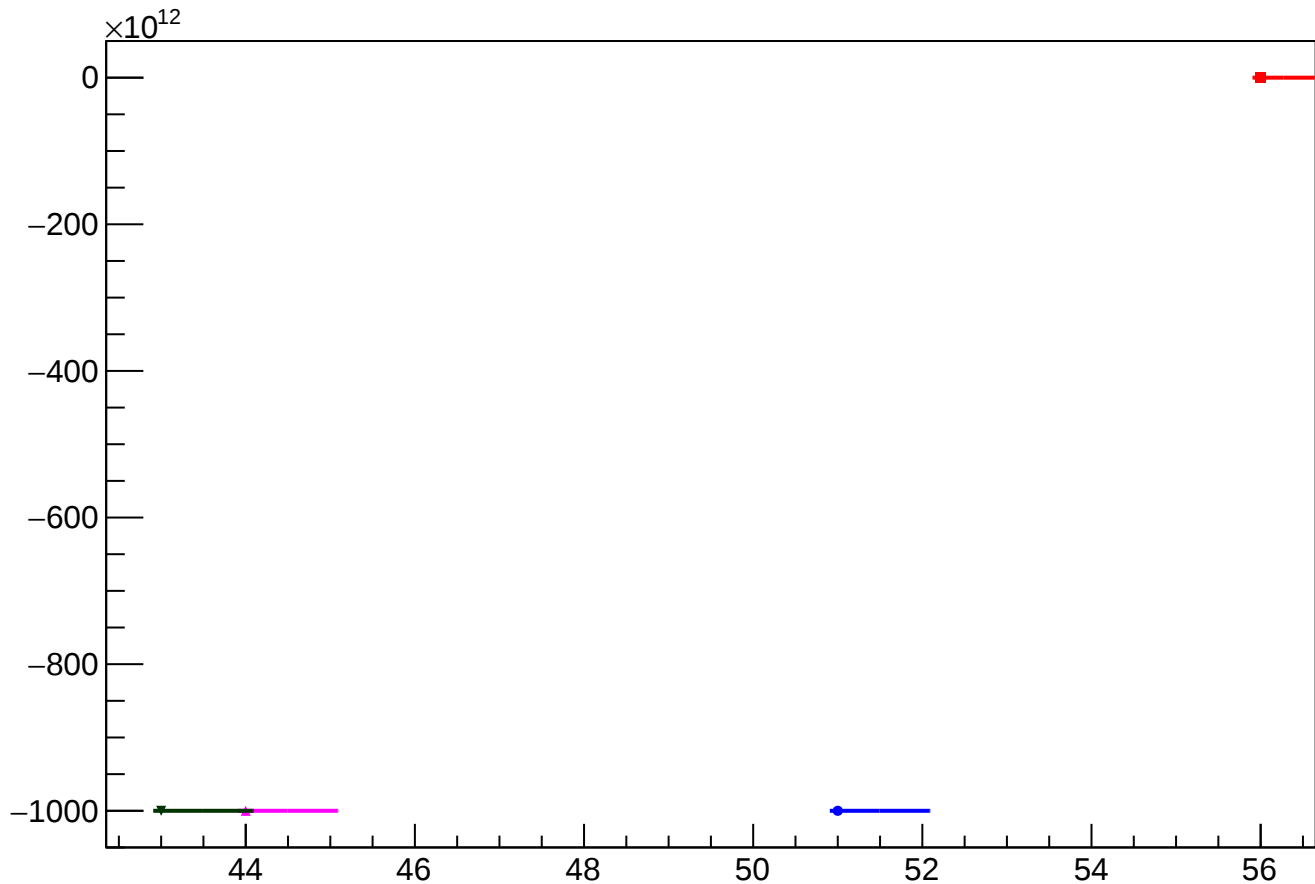
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



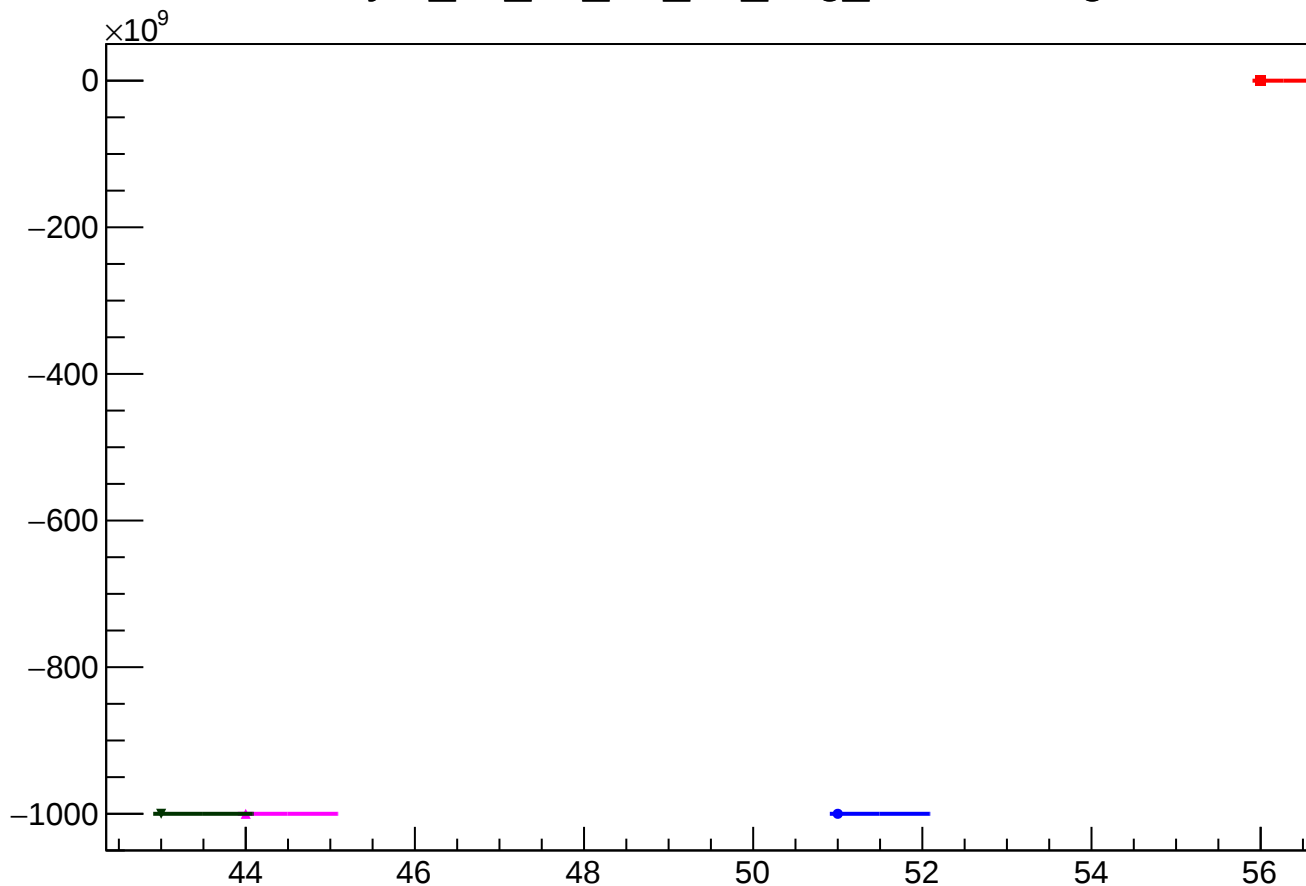
Right In: $-9999999999999999.875 \pm 0.062$ $\chi^2/\text{NDF: } 0.0/0$

Left Out: $-10000000000000000.250 \pm 0.018$ $\chi^2/\text{NDF: } 47.0/0$

Right Out: -75.920 ± 1450.832 $\chi^2/\text{NDF: } 0.0/0$

Left In: $-10000000000000000.125 \pm 0.140$ $\chi^2/\text{NDF: } 0.8/0$

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 0.0/0$

Left Out: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 47.0/0$

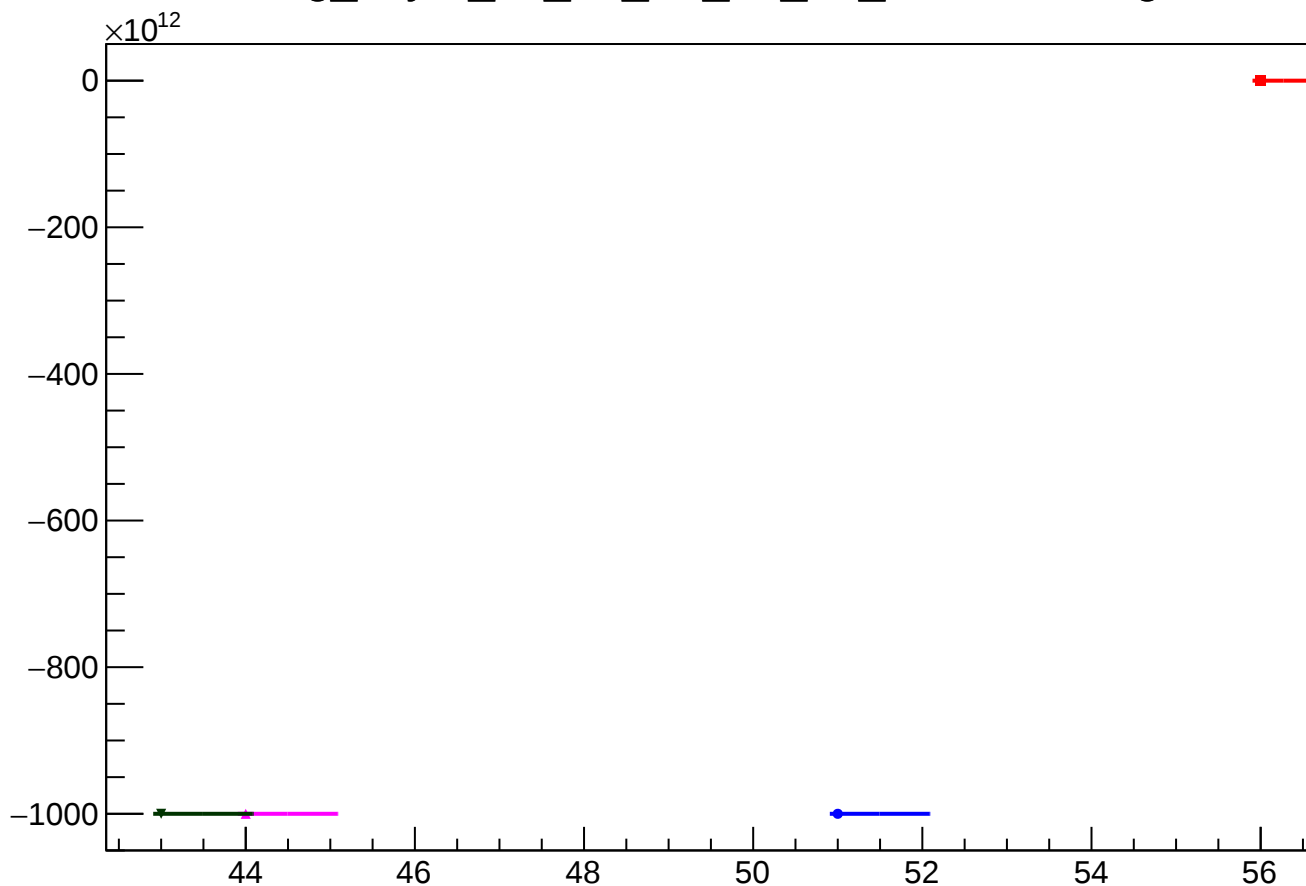
Right Out: 1001.709 ± 1.026 $\chi^2/\text{NDF}: 0.0/0$

Left In: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 0.0/0$

$-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 51.0/1$

$-999999999716.831 \pm 0.000$ $\chi^2/\text{NDF}: 9501578$

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: -9999999999999999.875 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: -10000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

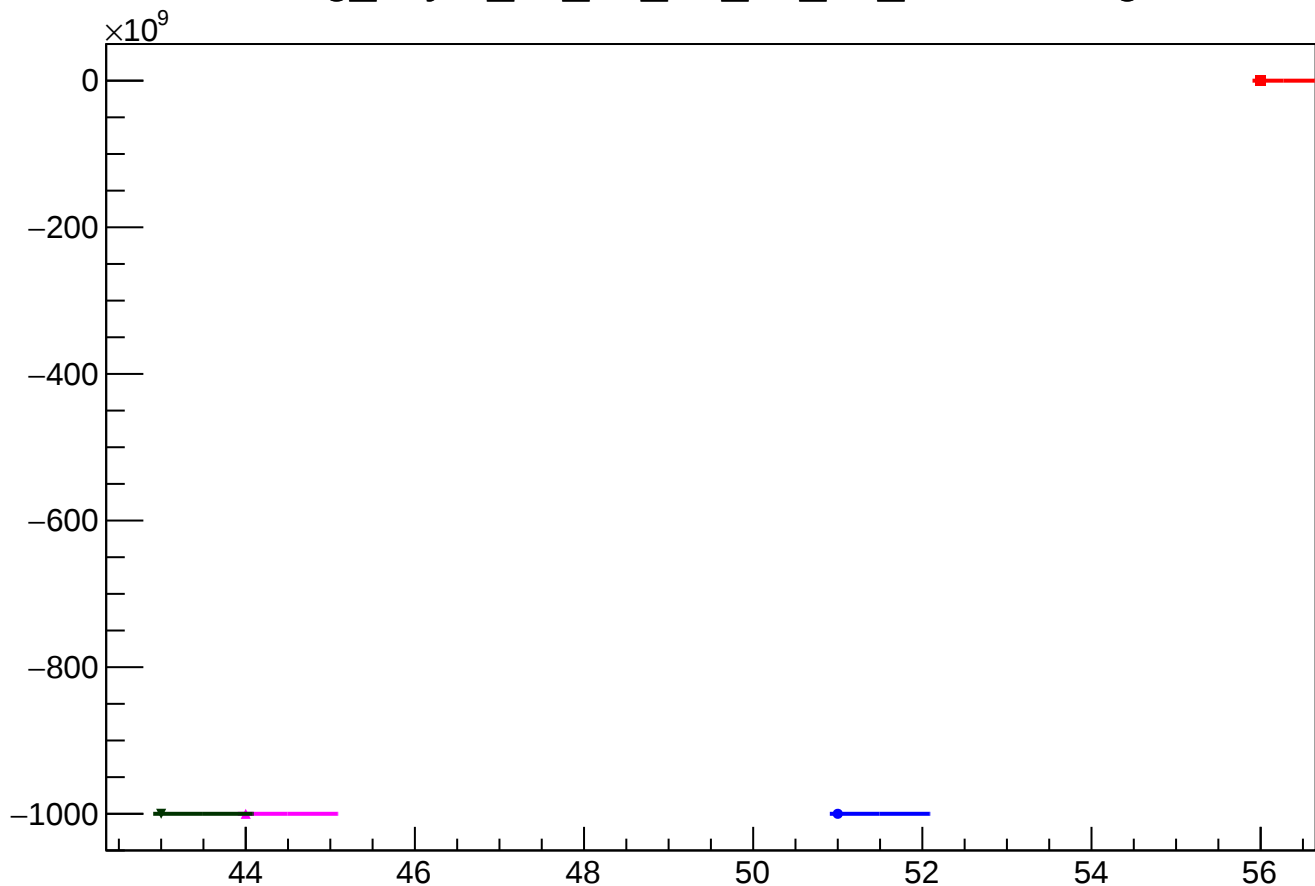
Right Out: 1378.277 $\pm$ 1463.134 χ^2 /NDF: 0.0/0

Left In: -10000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

-10000000000000000.125 $\pm$ 0.018 χ^2 /NDF: 16.0/0

-999999990840720.250 $\pm$ 0.140 χ^2 /NDF: 4671/0

reg_asym_atl_dd_atr_dd_dd_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

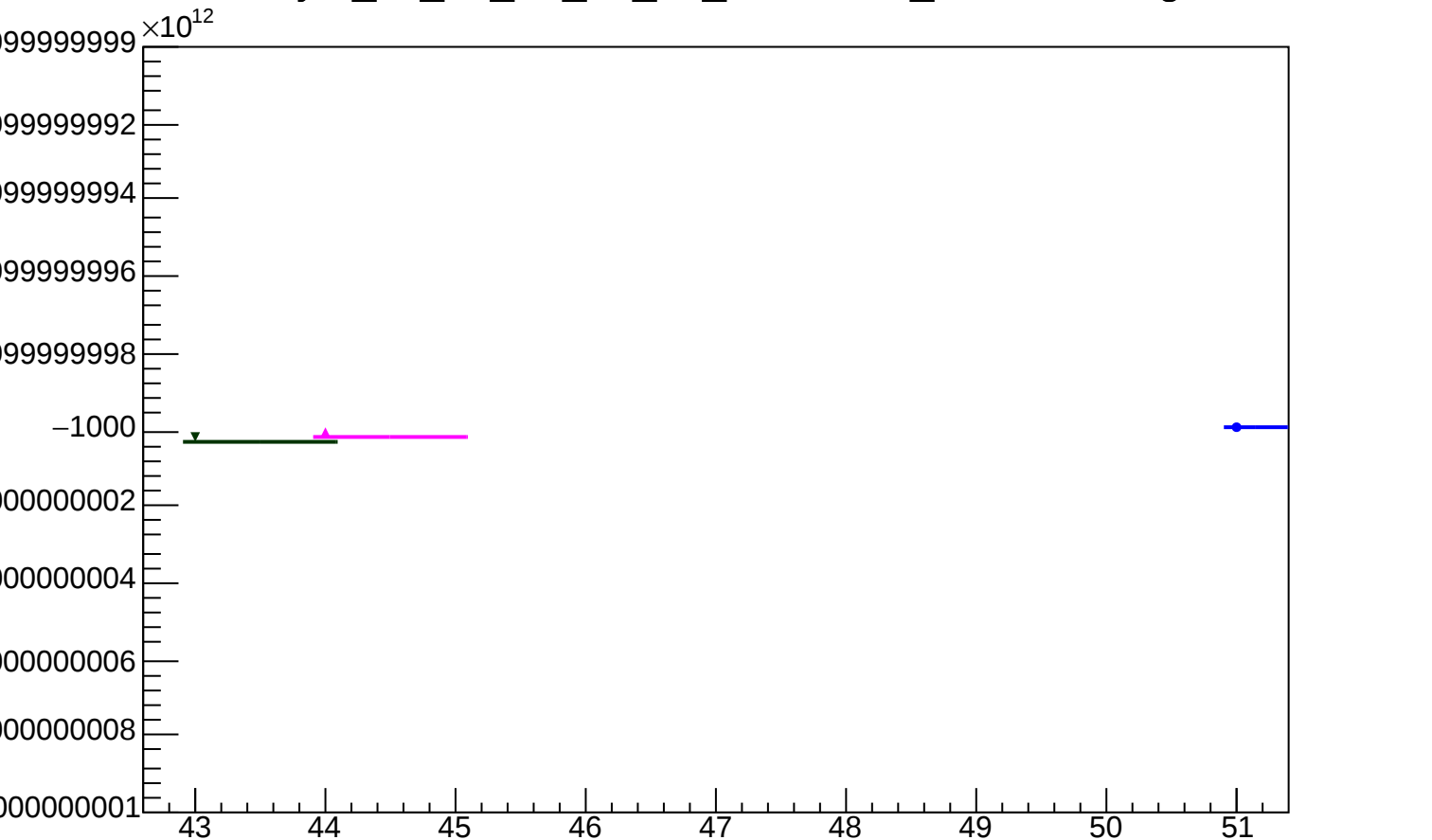
Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

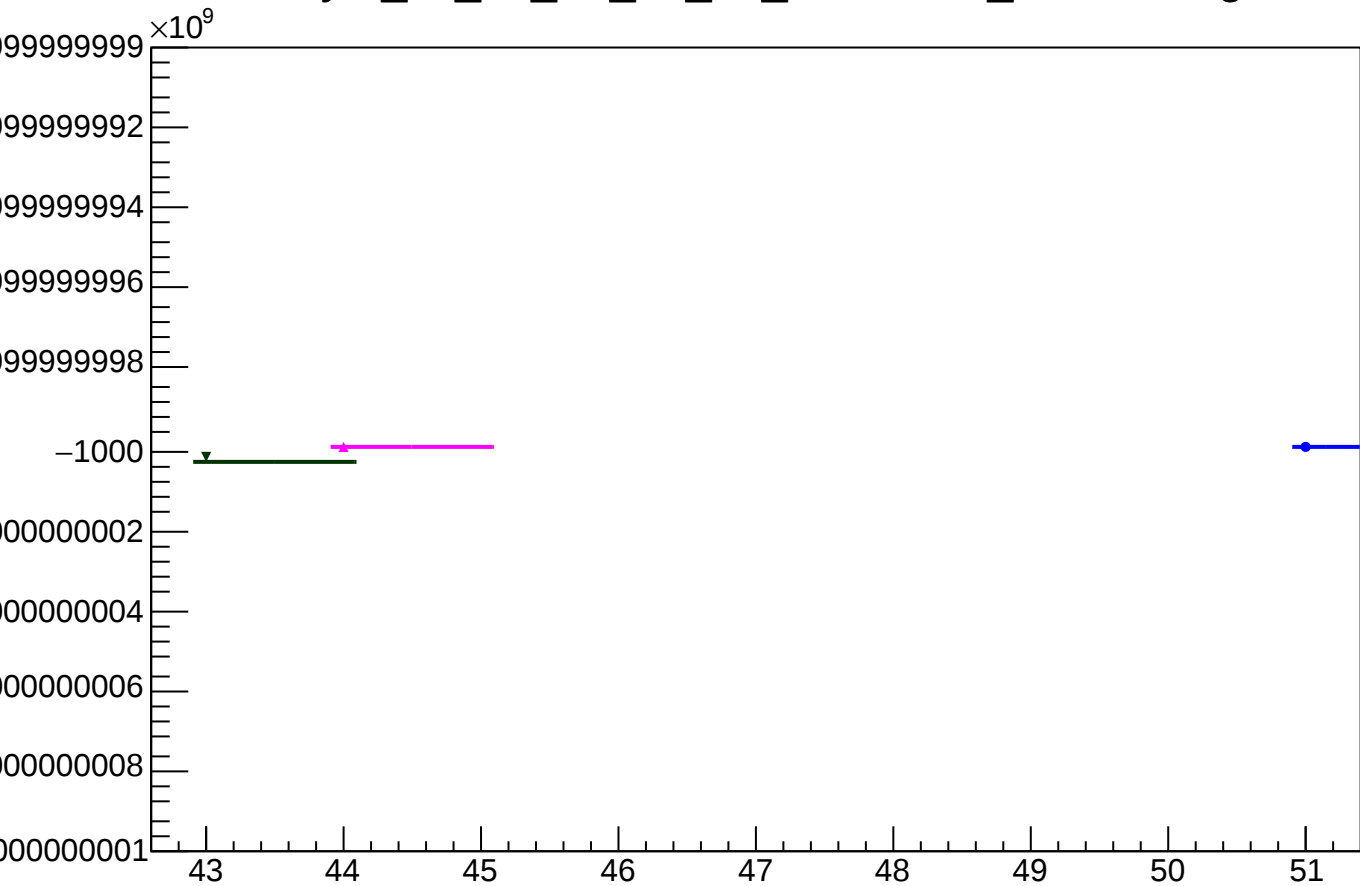
-999999999721.573+/-0.000 χ^2/NDF : 9342465

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

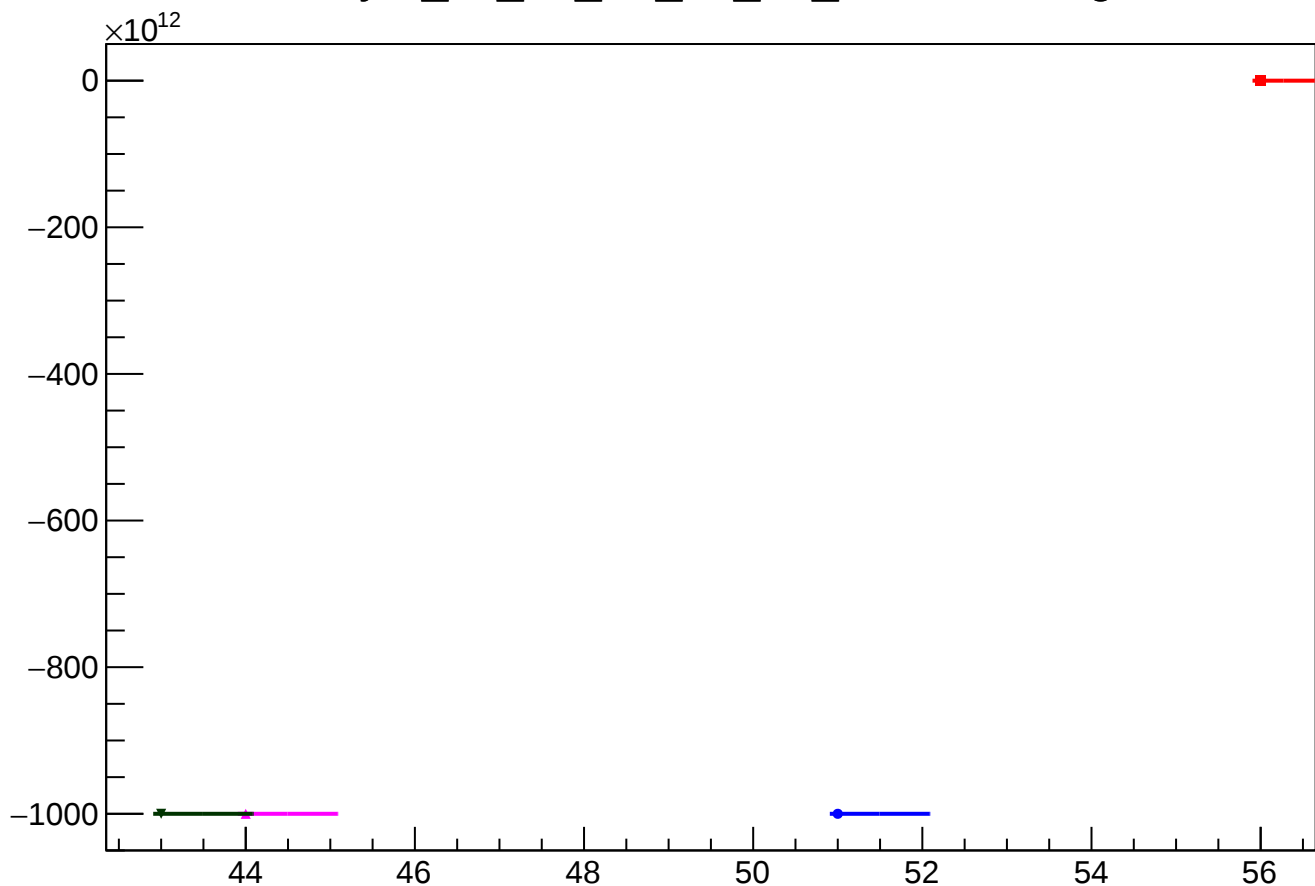
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_dd_mean vs slug



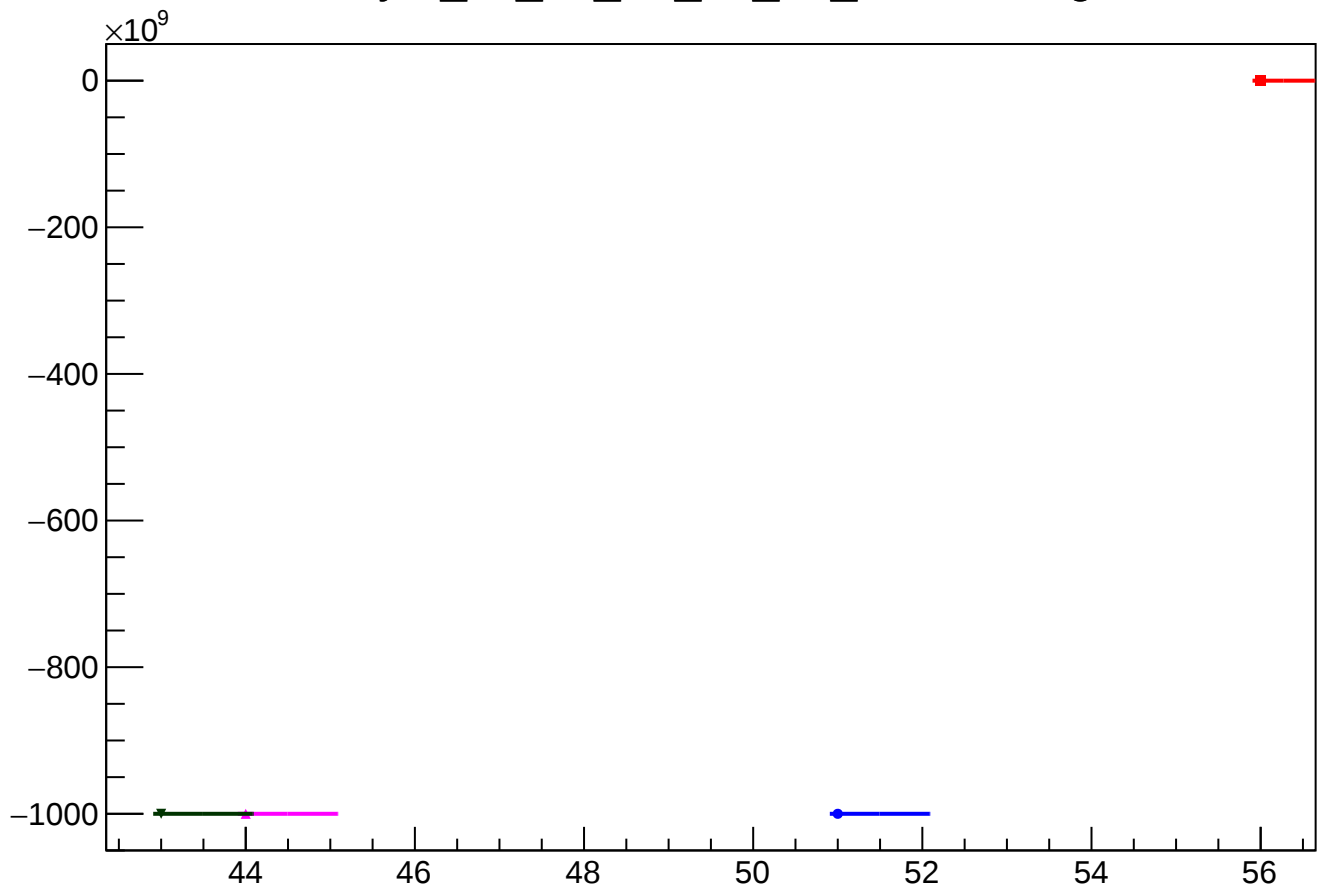
Right In: -9999999999999999.875+/-0.062 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_dd_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

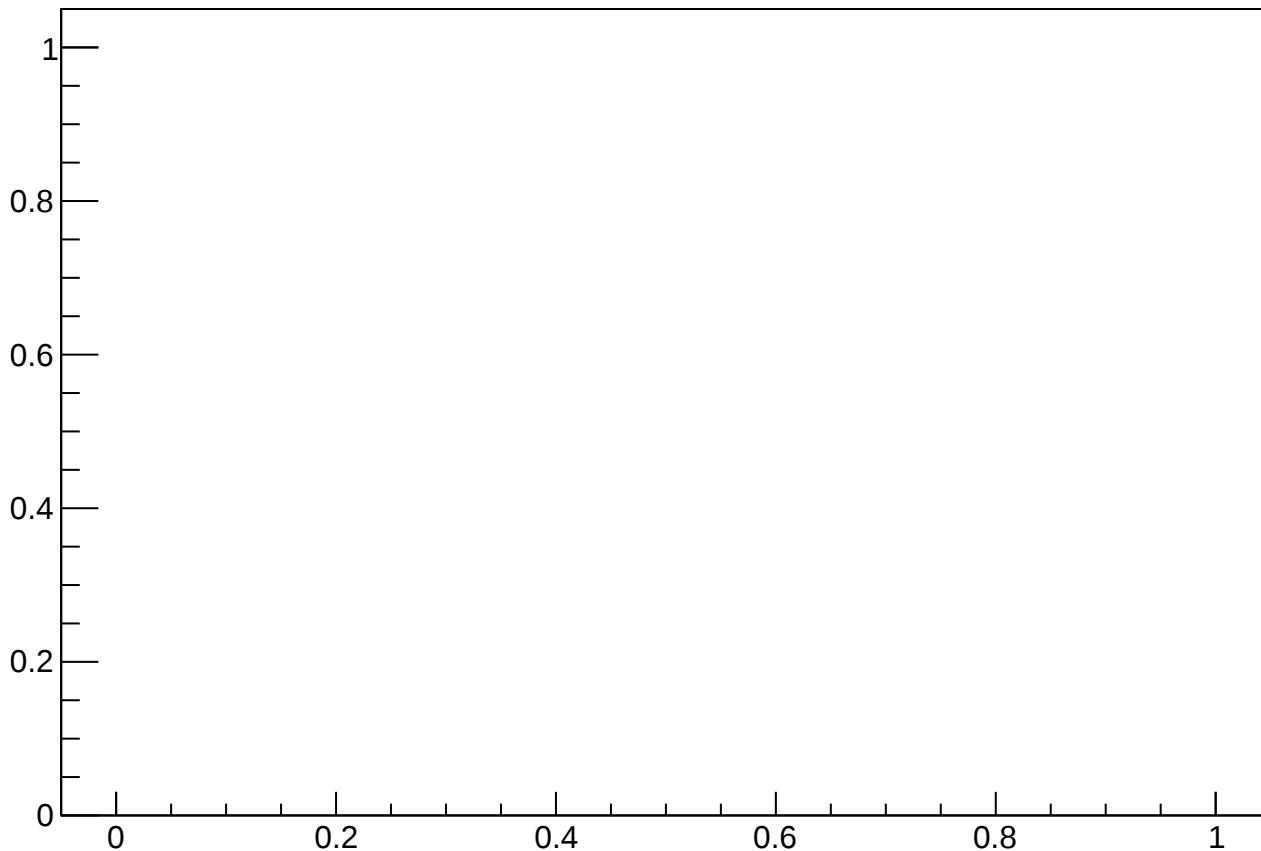
Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF :0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

-999999999721.573+/-0.000 χ^2/NDF : 9342465

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



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

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

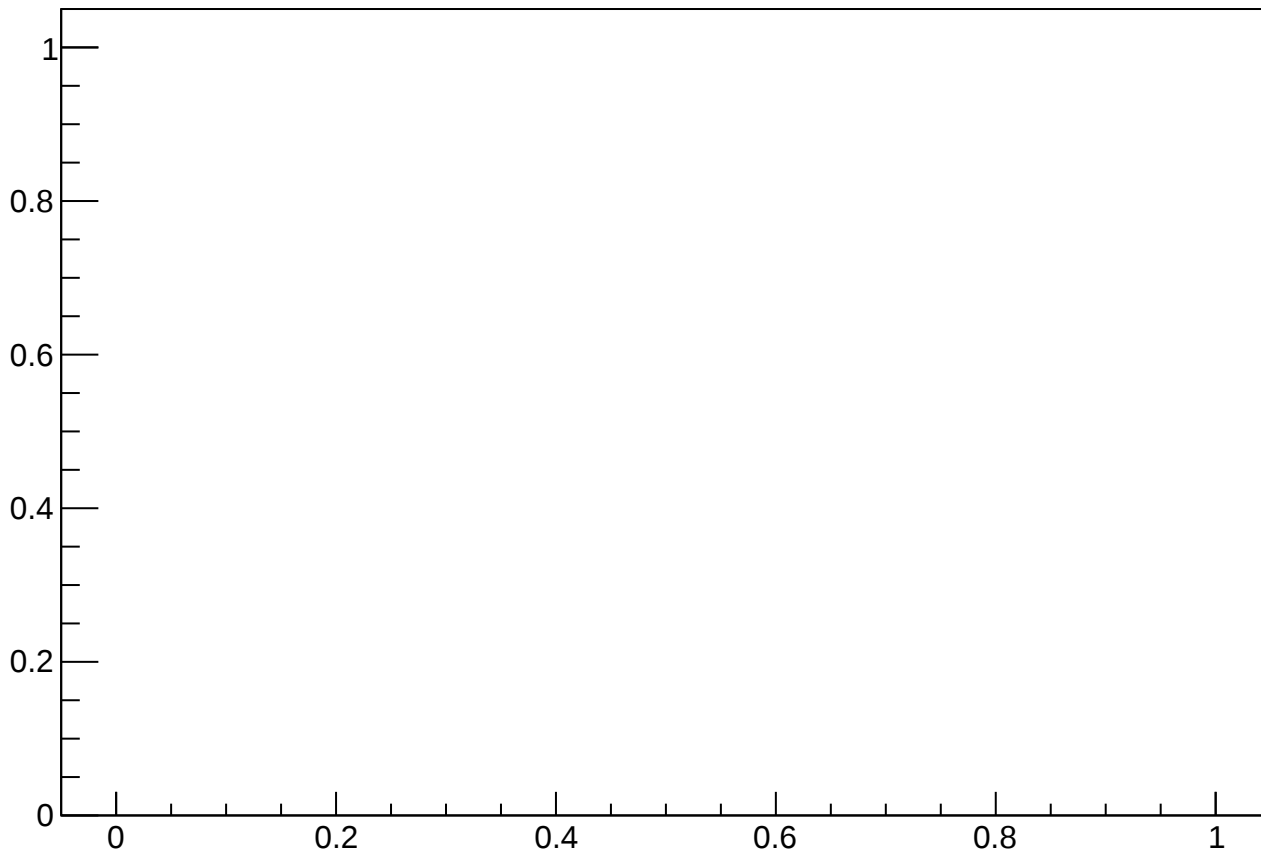
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



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

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

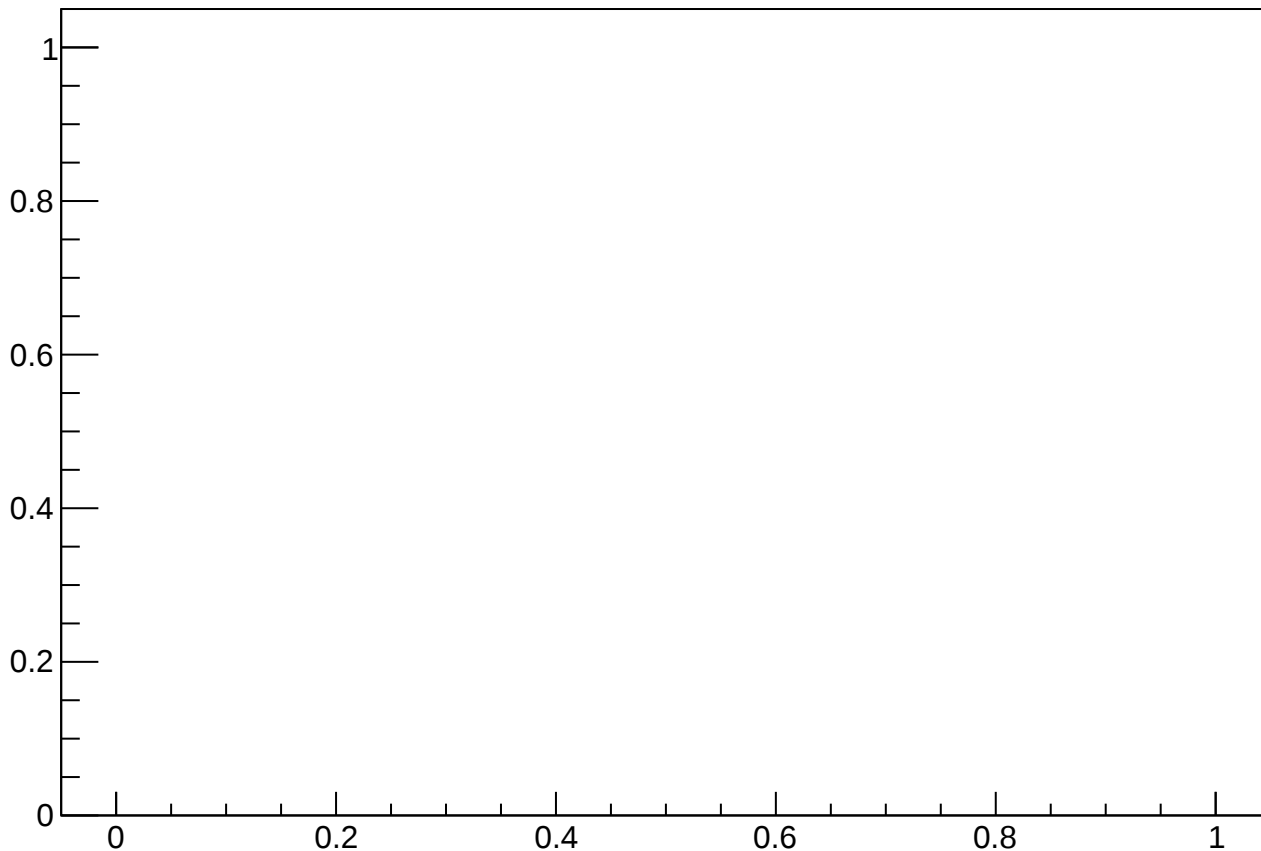
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



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

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

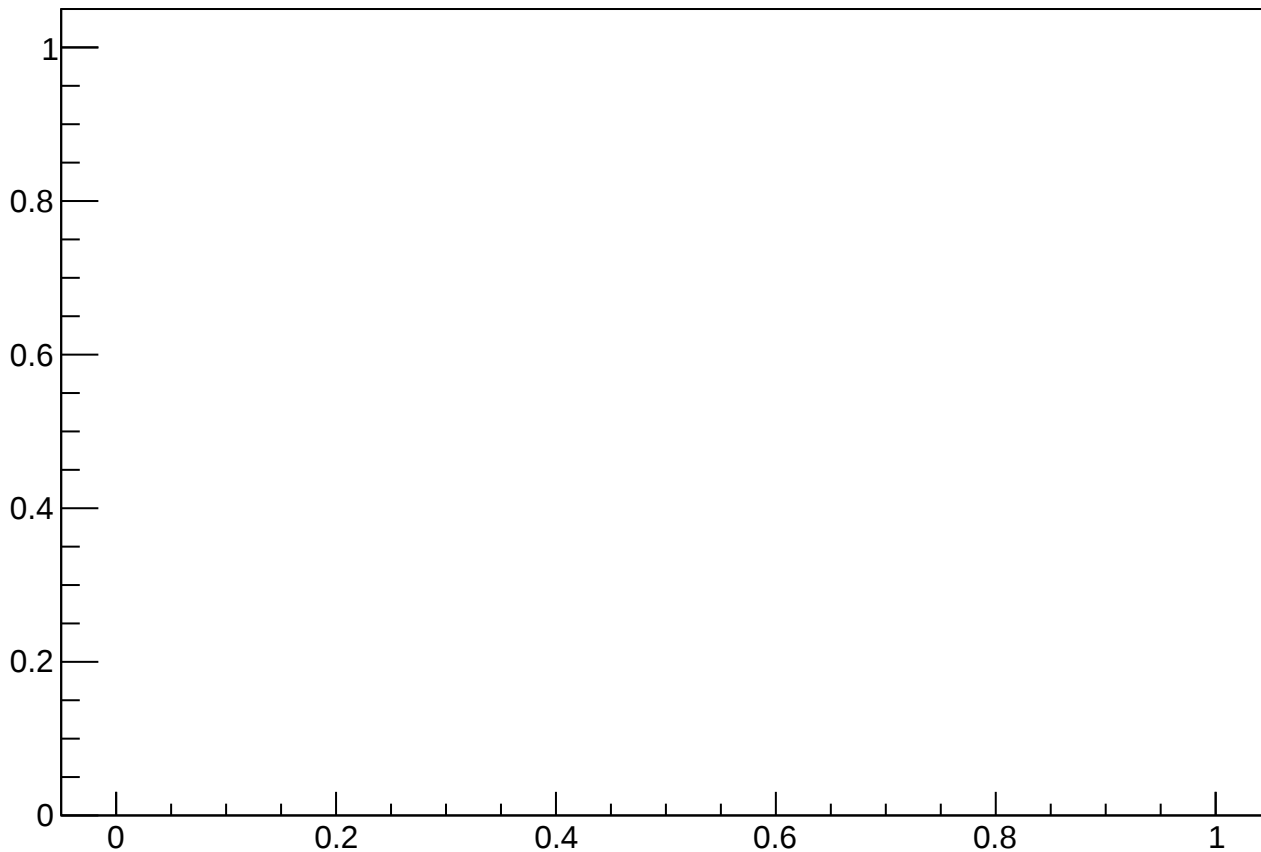
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



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

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

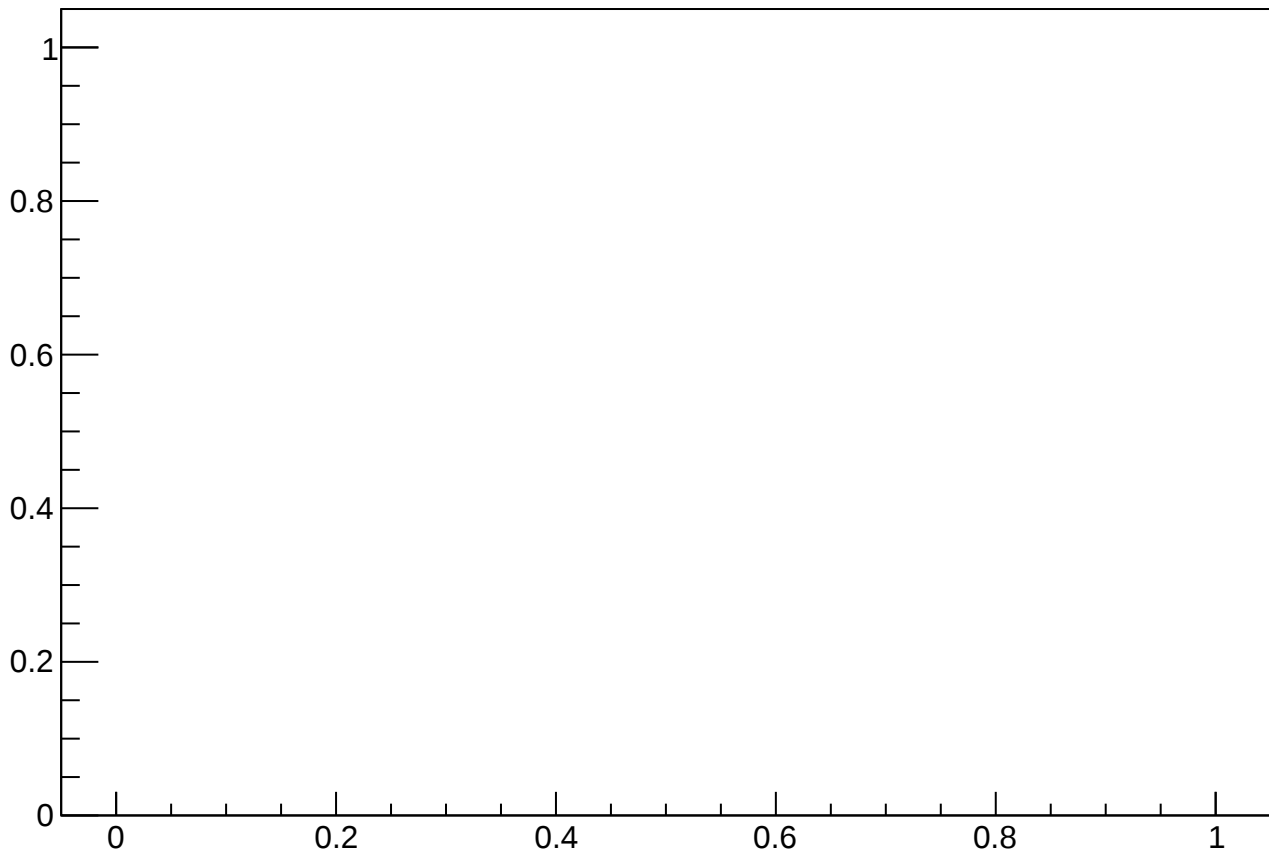
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



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

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

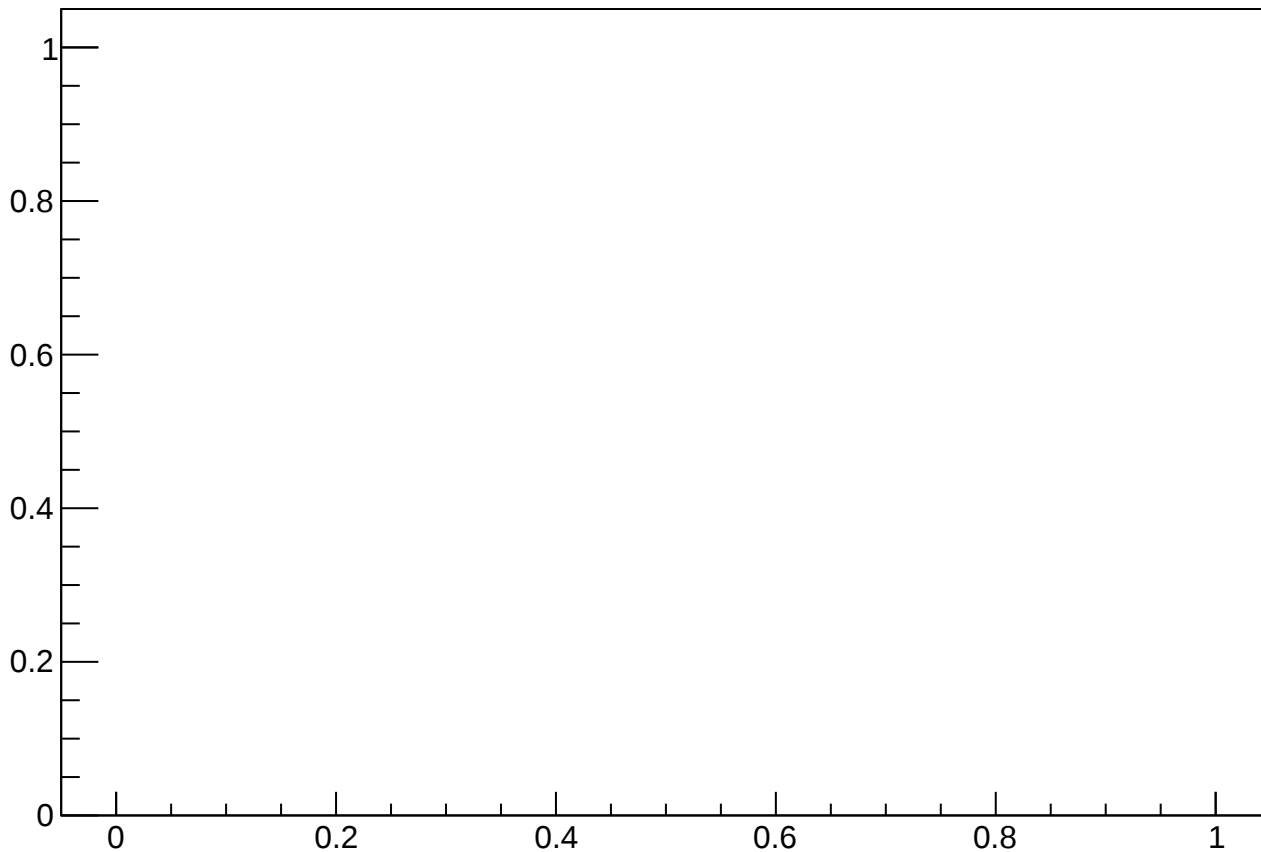
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



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

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

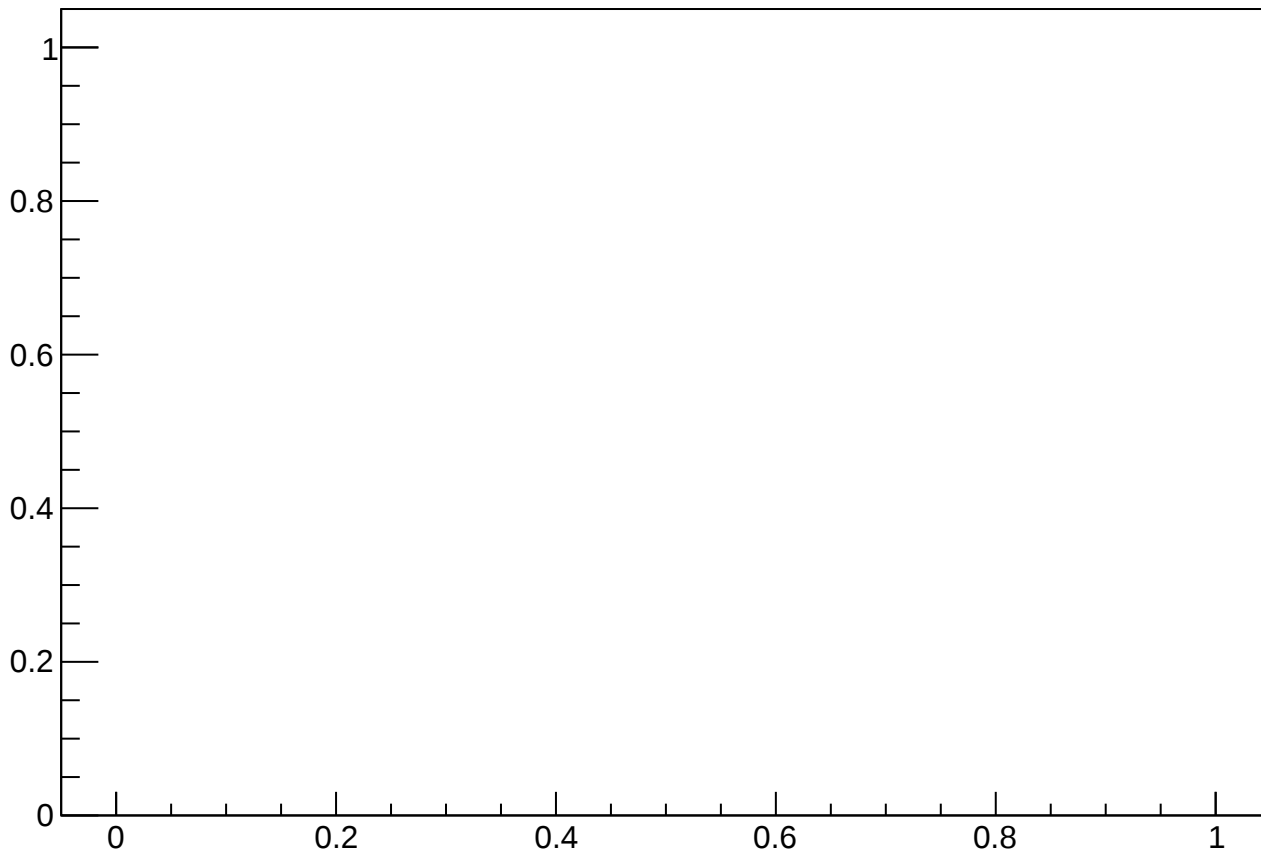
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



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

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

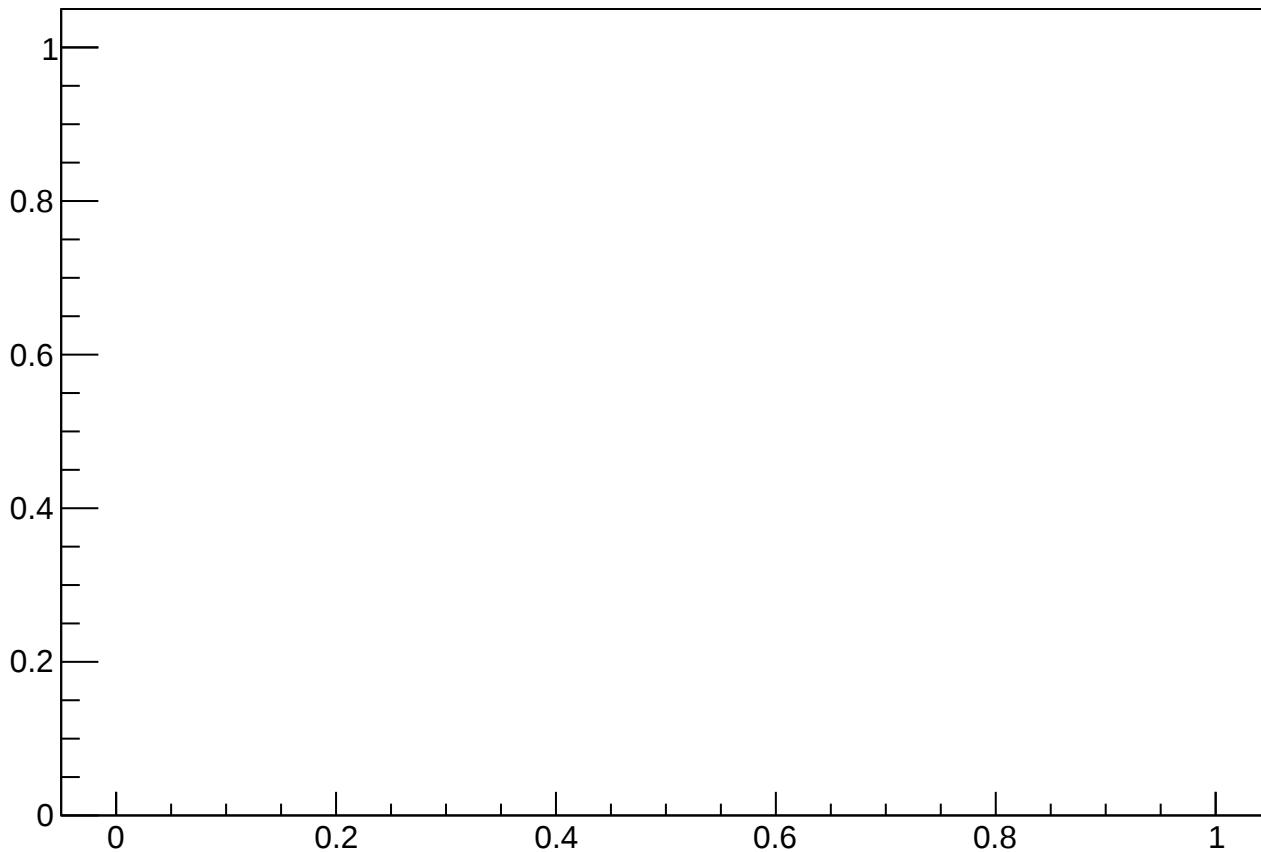
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



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

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

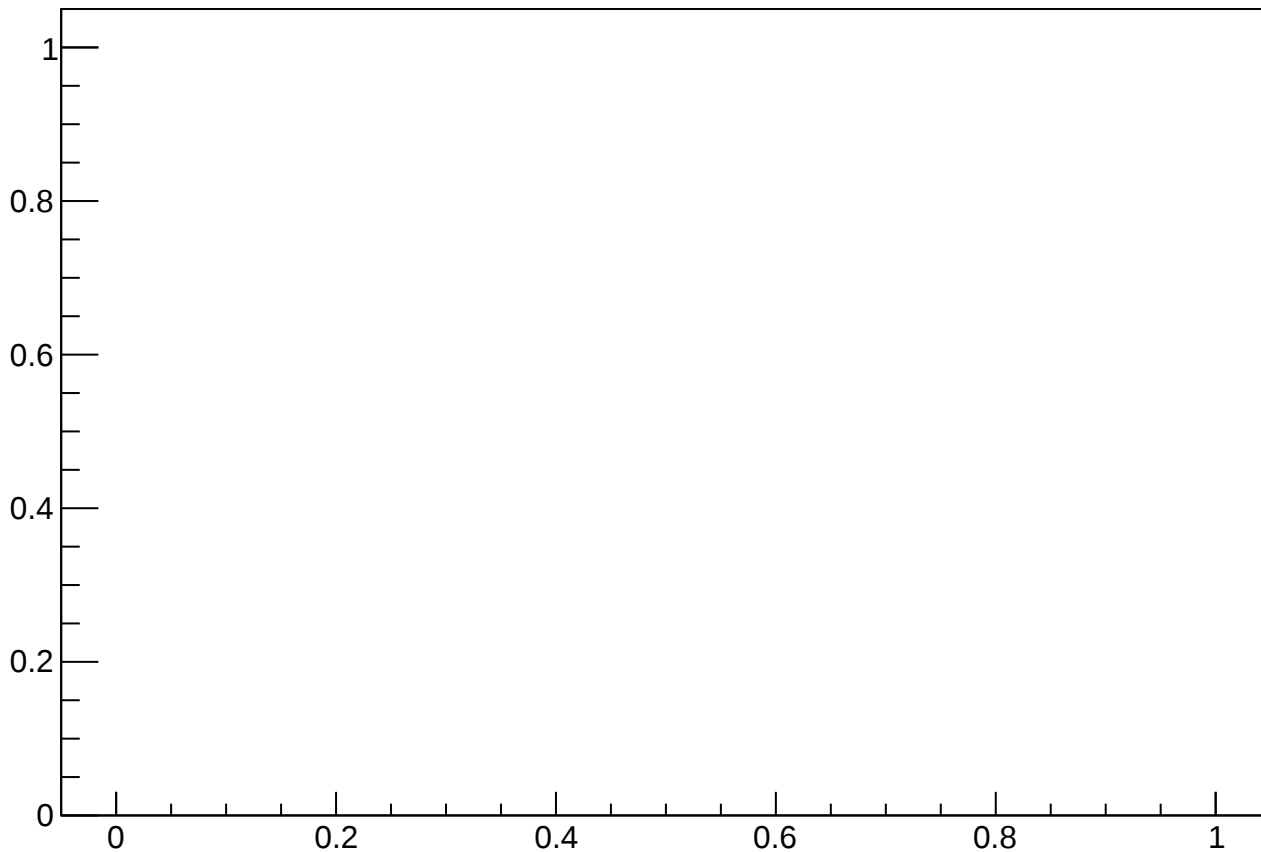
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



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

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

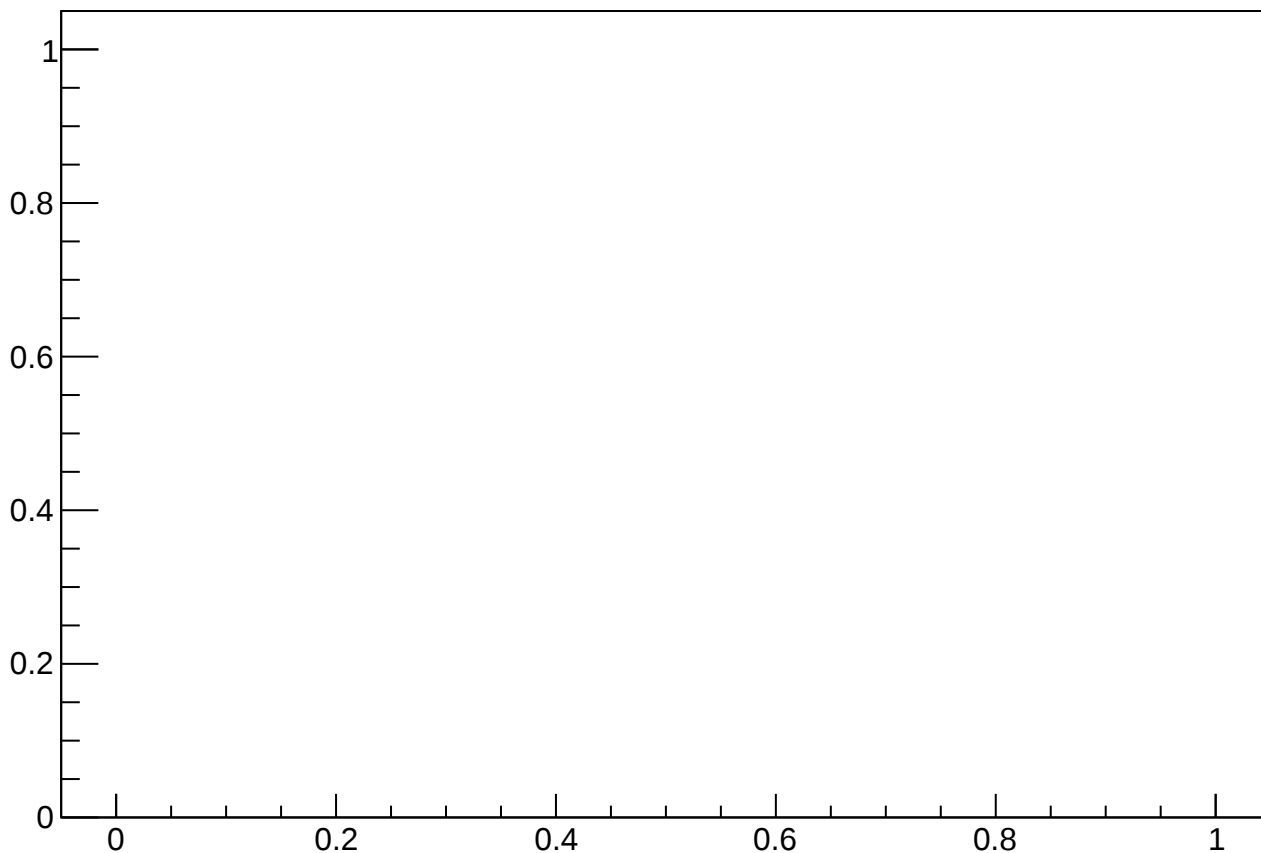
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



Right In: 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