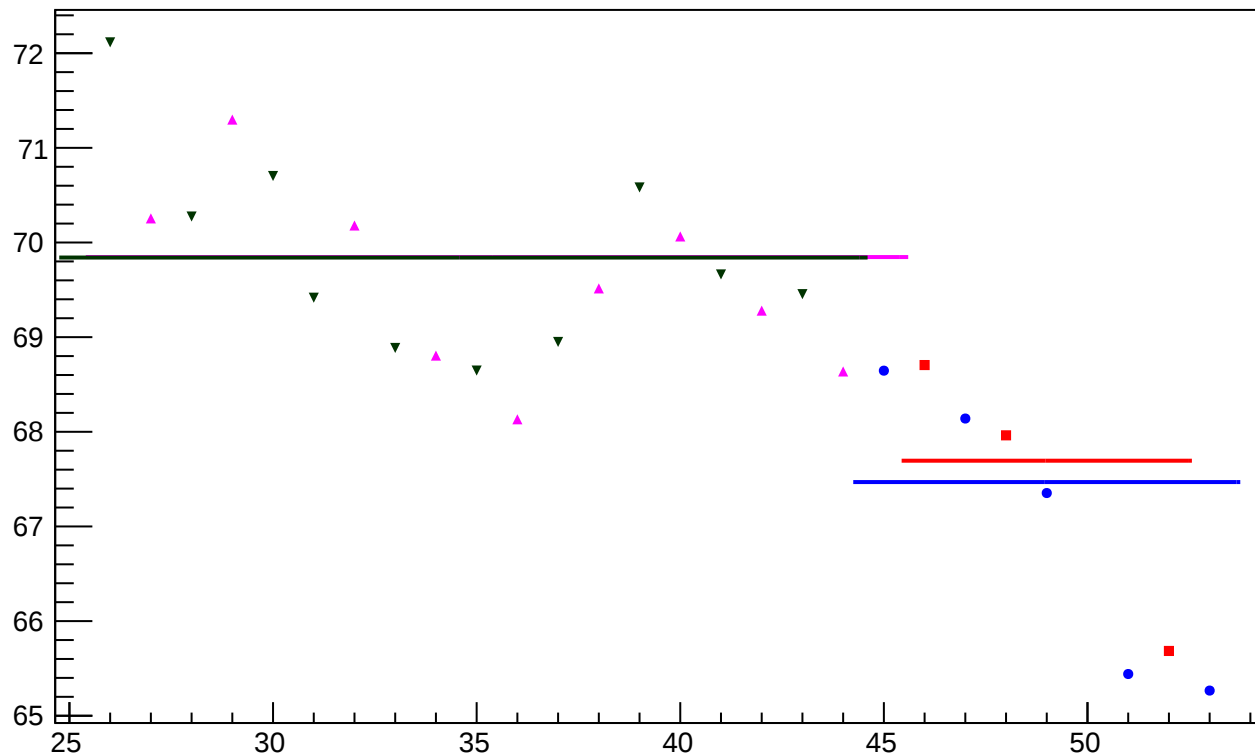


yield_usl_mean vs slug



Right In: 67.469+/-0.000

χ^2/NDF : 185382649.7/4

69.037+/-0.000

χ^2/NDF : 908893170.6/14

Left Out: 69.841+/-0.000

χ^2/NDF : 215220633.1/9

Right Out: 67.695+/-0.000

χ^2/NDF : 78514138.8/2

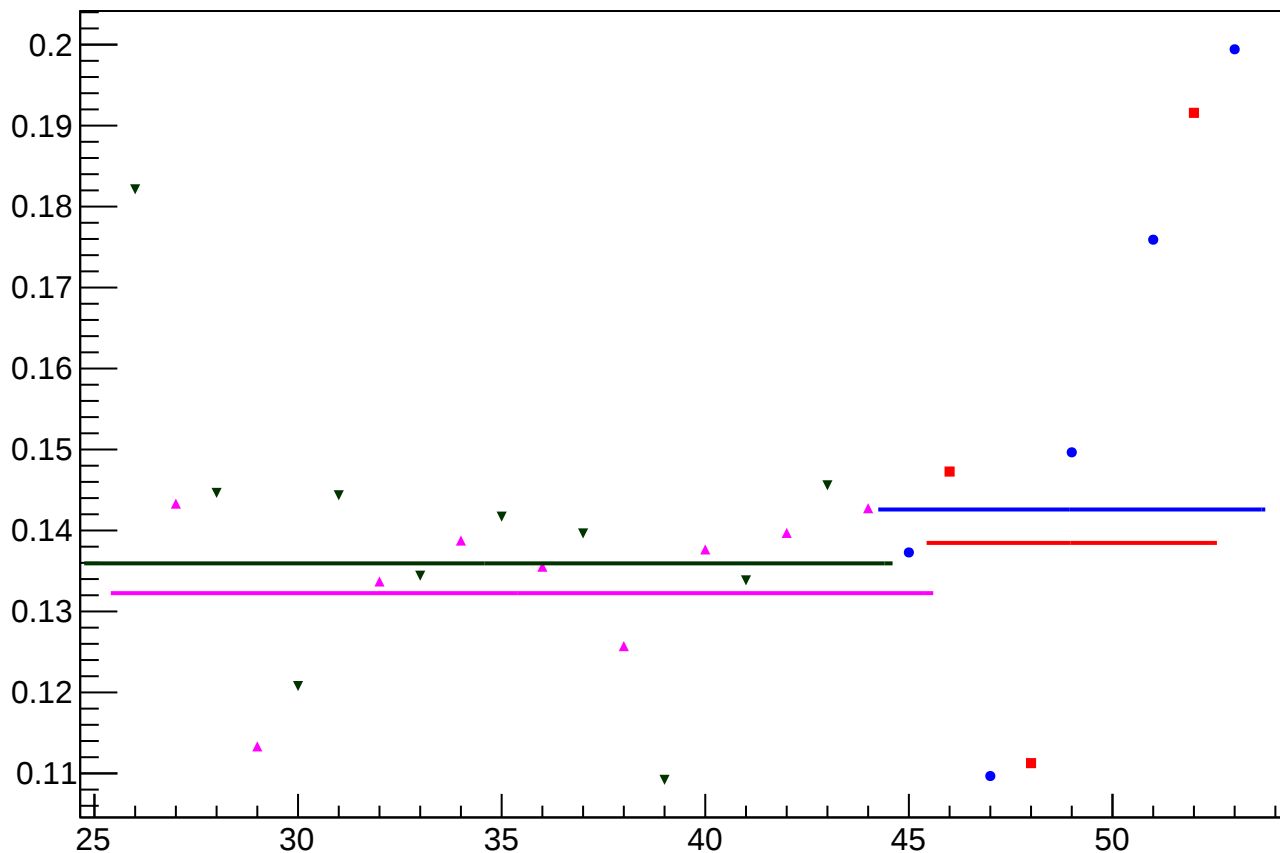
69.461+/-0.000

χ^2/NDF : 623202519.6/11

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.143+/-0.000 χ^2/NDF : 206593.9/4

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

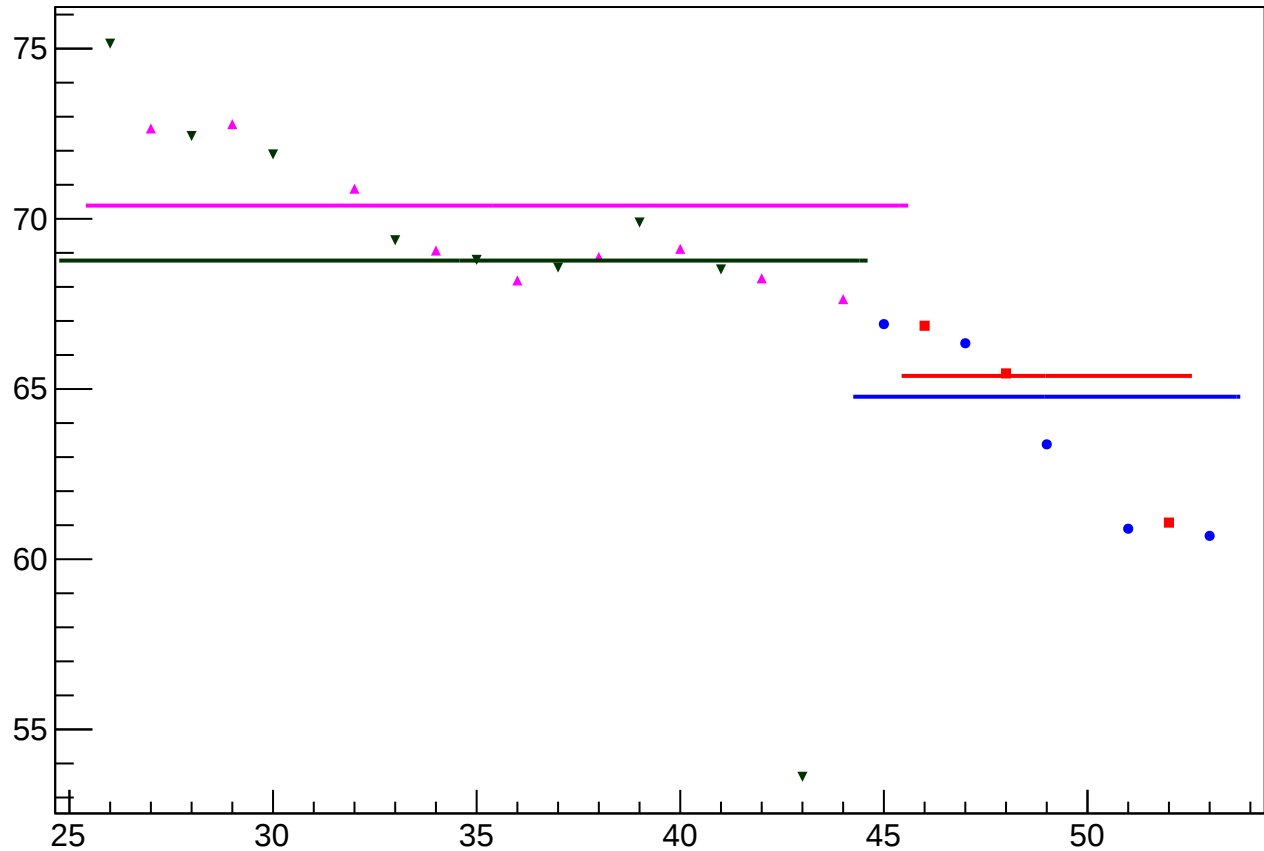
Right Out: 0.138+/-0.000 χ^2/NDF : 131757.1/2

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

0.138+/-0.000 χ^2/NDF : 356766.4/14

0.133+/-0.000 χ^2/NDF : 204196.6/11

yield_usr_mean vs slug



Right In: 64.774+/-0.000 χ^2/NDF : 1668054474.3/4

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

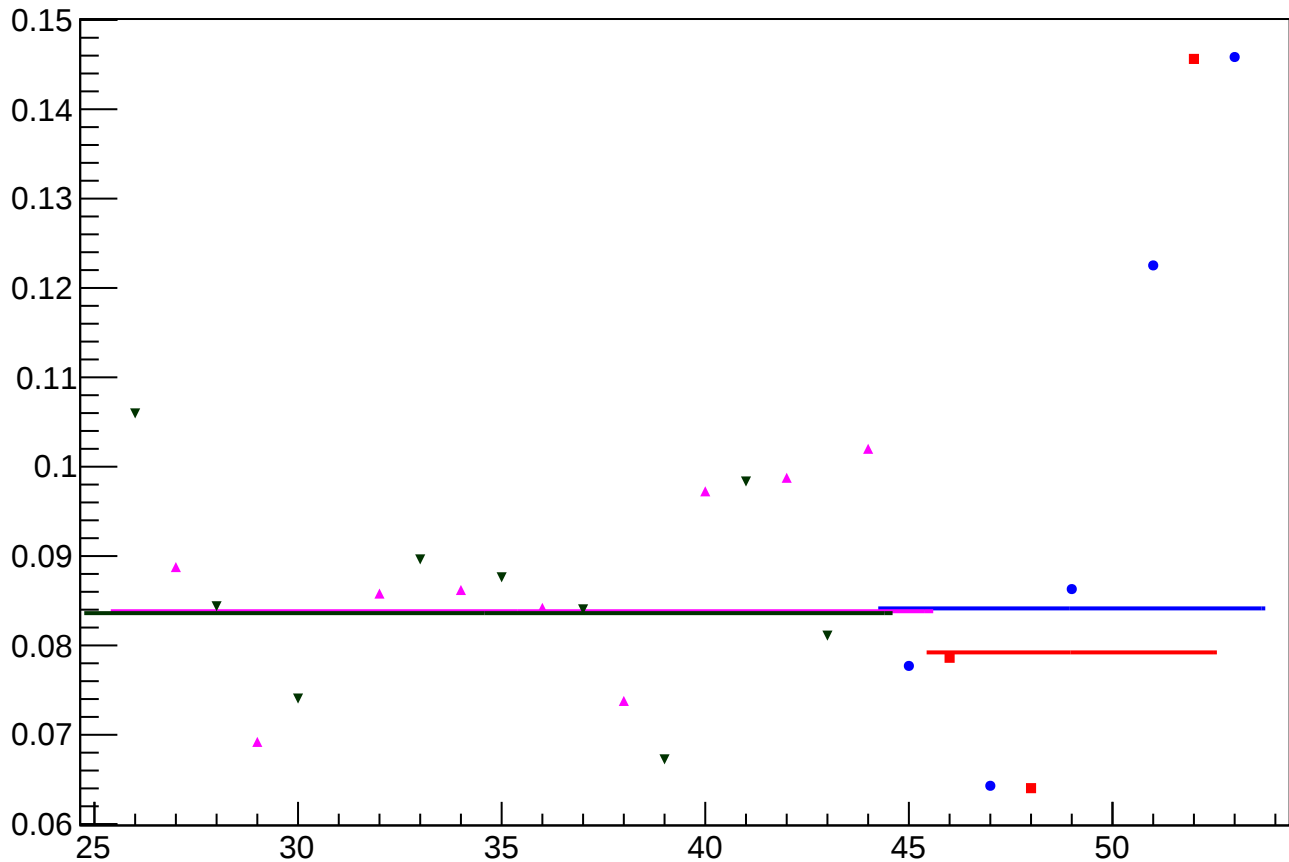
Right Out: 65.385+/-0.000 χ^2/NDF : 551335491.3/2

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

67.321+/-0.000 χ^2/NDF : 23640568333.0/13

69.397+/-0.000 χ^2/NDF : 6859738189.3/11

yield_usr_rms vs slug



Right In: 0.084+/-0.000 χ^2/NDF : 346395.7/4

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

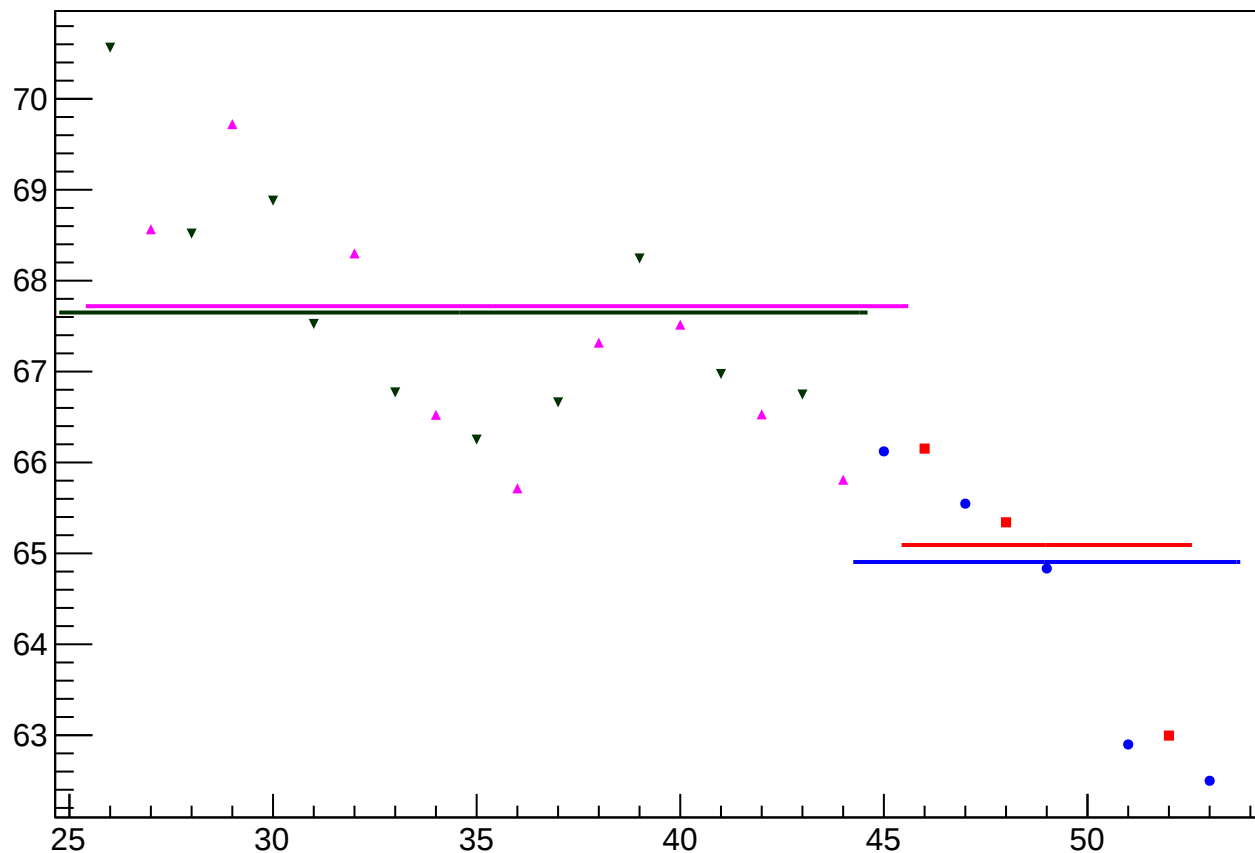
Right Out: 0.079+/-0.000 χ^2/NDF : 243004.4/2

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

0.084+/-0.000 χ^2/NDF : 483740.3/13

0.083+/-0.000 χ^2/NDF : 411297.8/11

yield_dsl_mean vs slug



Right In: 64.905+/-0.000 χ^2/NDF : 192240699.7/4

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

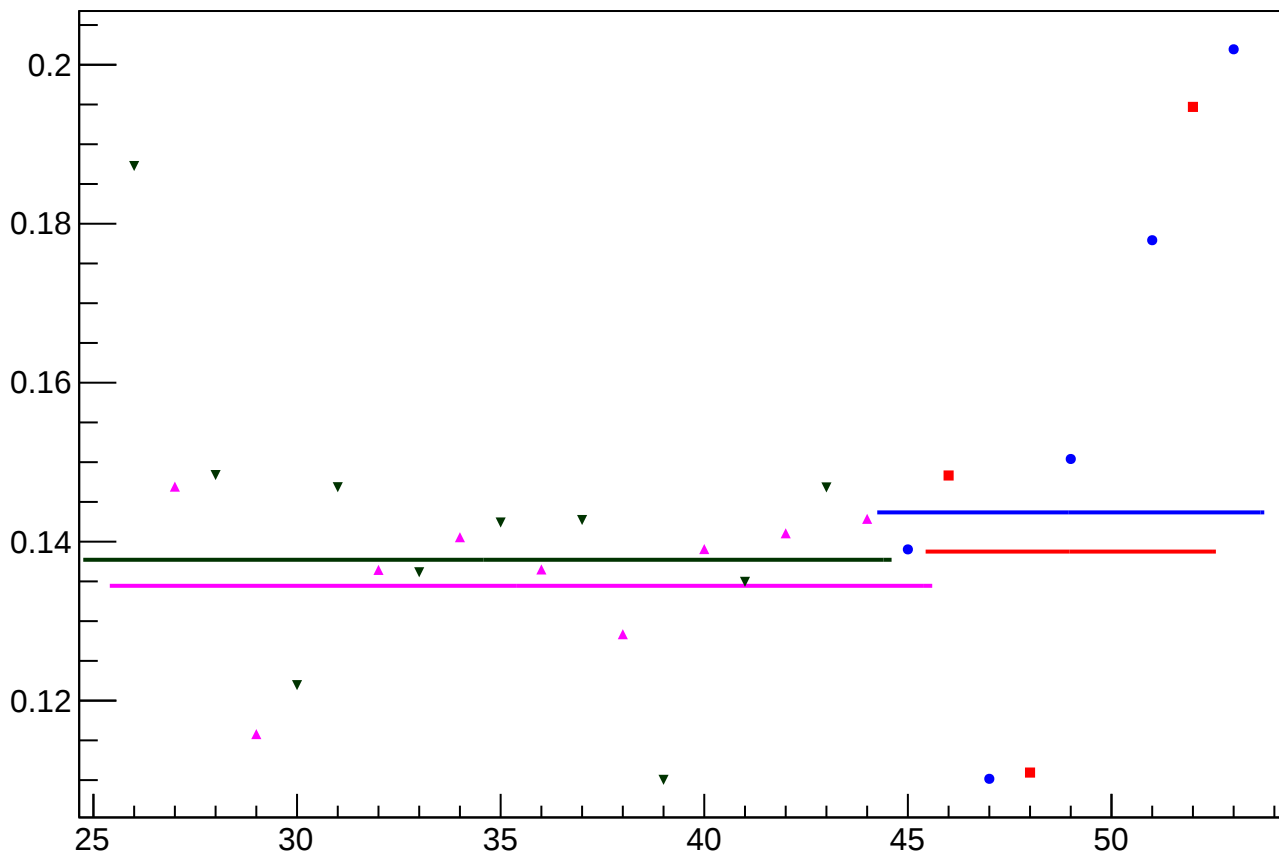
Right Out: 65.092+/-0.000 χ^2/NDF : 83059507.0/2

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

66.713+/-0.000 χ^2/NDF : 1189792989.1/14

67.239+/-0.000 χ^2/NDF : 1001164511.1/11

yield_dsl_rms vs slug



Right In: 0.144+/-0.000 χ^2/NDF : 211167.1/4

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

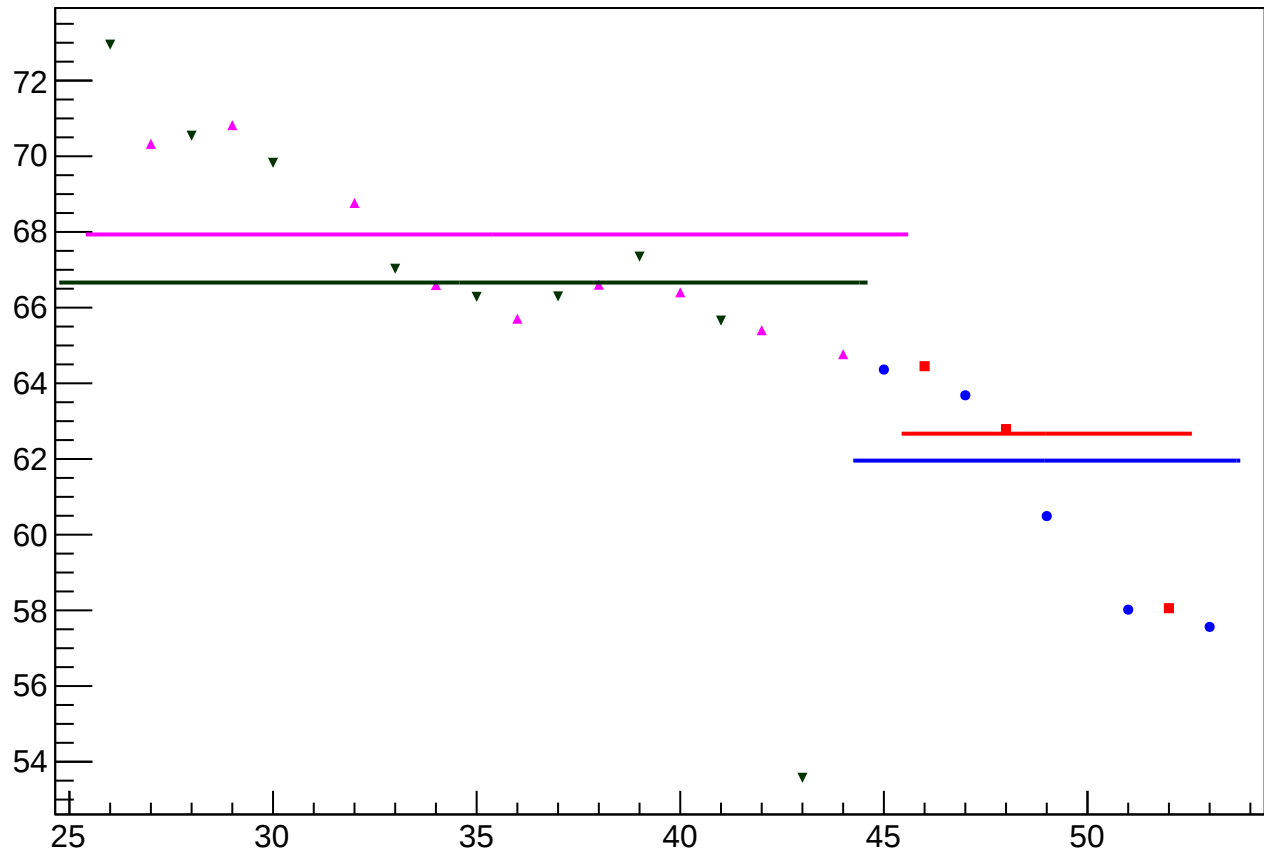
Right Out: 0.139+/-0.000 χ^2/NDF : 140852.2/2

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

0.140+/-0.000 χ^2/NDF : 371079.7/14

0.135+/-0.000 χ^2/NDF : 206360.7/11

yield_dsr_mean vs slug



Right In: 61.958 ± 0.000 χ^2/NDF : 2086130782.0/4

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

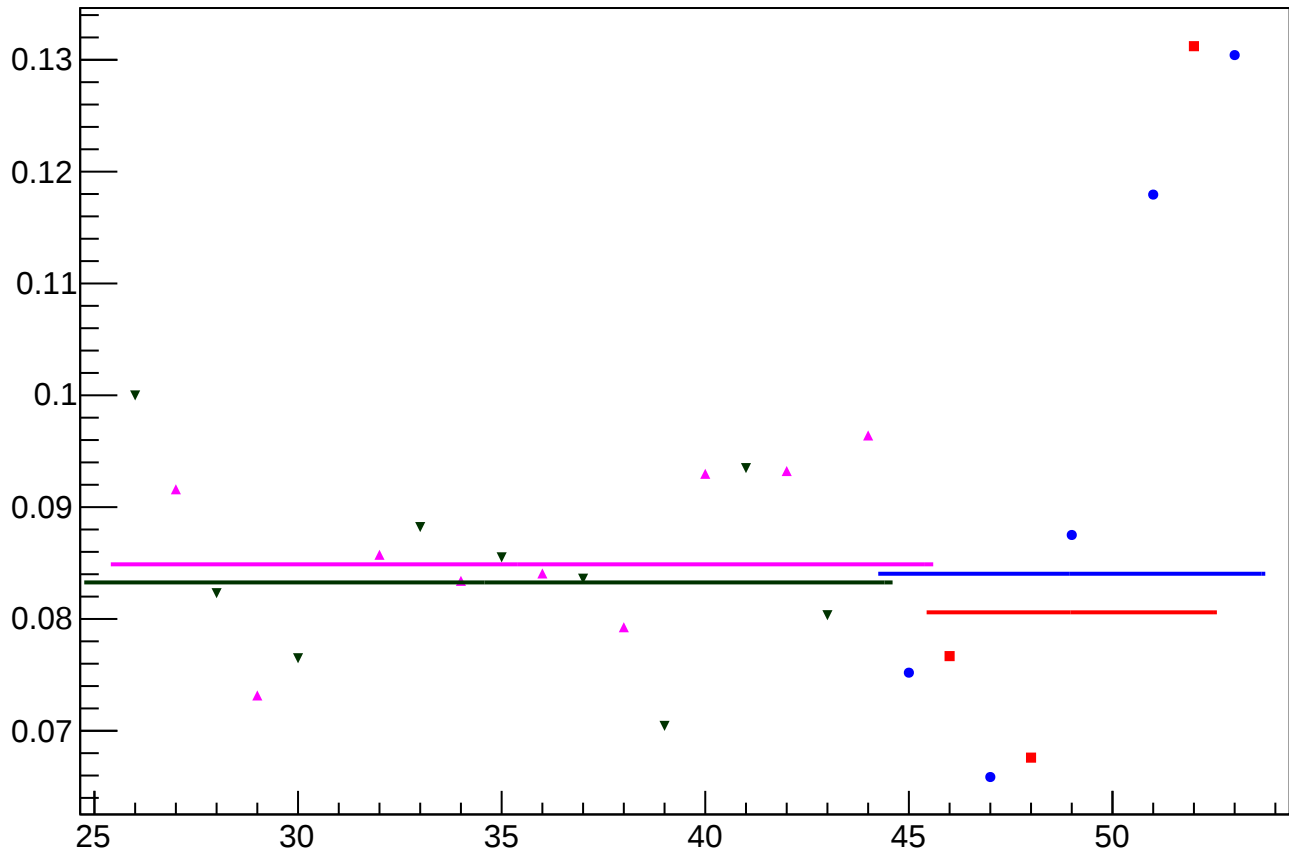
Right Out: 62.669 ± 0.000 χ^2/NDF : 791093251.8/2

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

64.945 ± 0.000 χ^2/NDF : 22609038627.2/13

66.877 ± 0.000 χ^2/NDF : 8136864771.2/11

yield_dsr_rms vs slug



Right In: 0.084+/-0.000 χ^2/NDF : 276928.7/4

Left Out: 0.083+/-0.000 χ^2/NDF : 78459.0/8

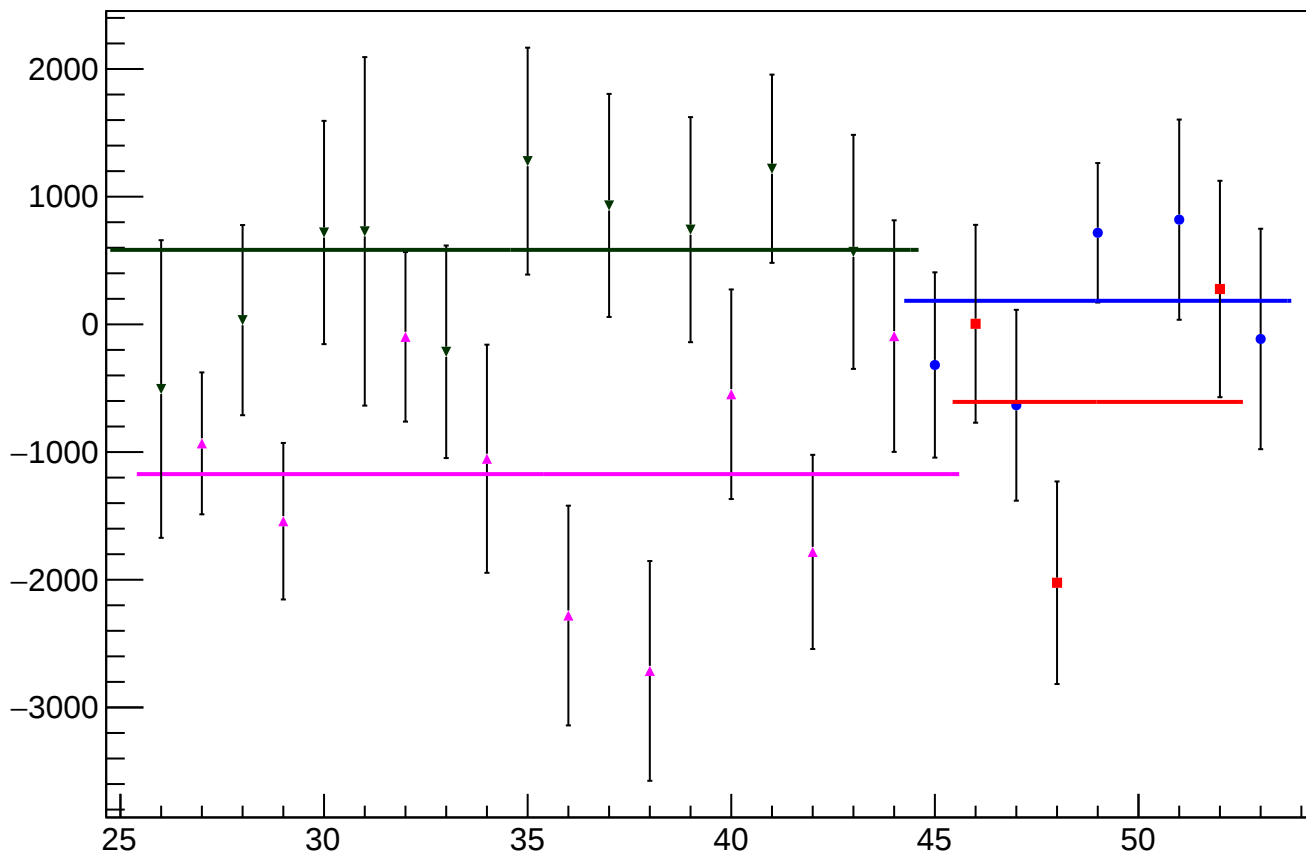
Right Out: 0.081+/-0.000 χ^2/NDF : 171994.8/2

Left In: 0.085+/-0.000 χ^2/NDF : 81161.1/8

0.084+/-0.000 χ^2/NDF : 355662.7/13

0.084+/-0.000 χ^2/NDF : 258449.5/11

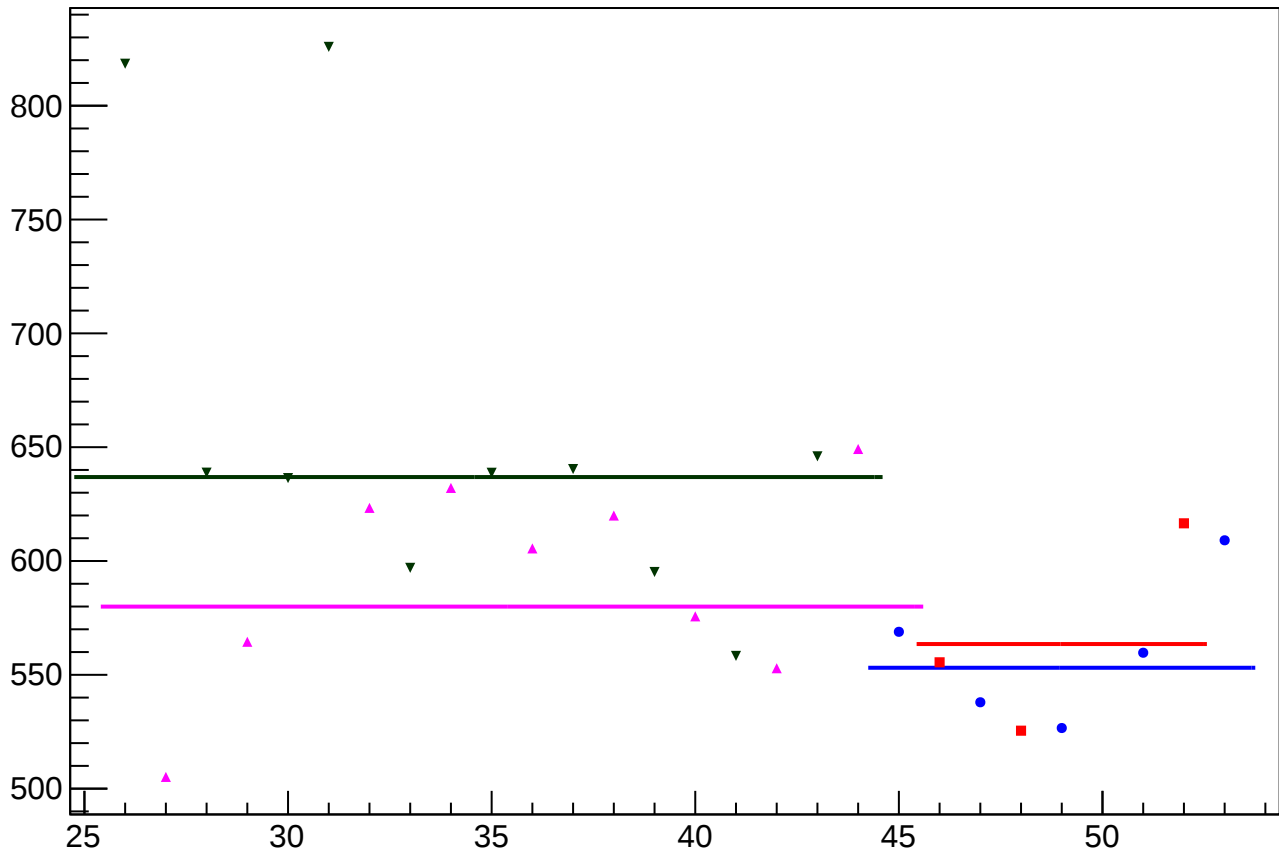
asym_usl_mean vs slug



Right In: 184.523 ± 316.060 $\chi^2/\text{NDF}: 3.4/4$
 Left Out: 583.462 ± 280.347 $\chi^2/\text{NDF}: 3.9/9$
 Right Out: -607.247 ± 463.878 $\chi^2/\text{NDF}: 4.9/2$
 Left In: -1172.698 ± 245.790 $\chi^2/\text{NDF}: 10.7/8$

407.796 ± 209.730 $\chi^2/\text{NDF}: 8.2/14$
 -1048.746 ± 217.186 $\chi^2/\text{NDF}: 16.8/11$

asym_usl_rms vs slug



Right In: 553.105+/-0.223 χ^2/NDF : 15025.0/4

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

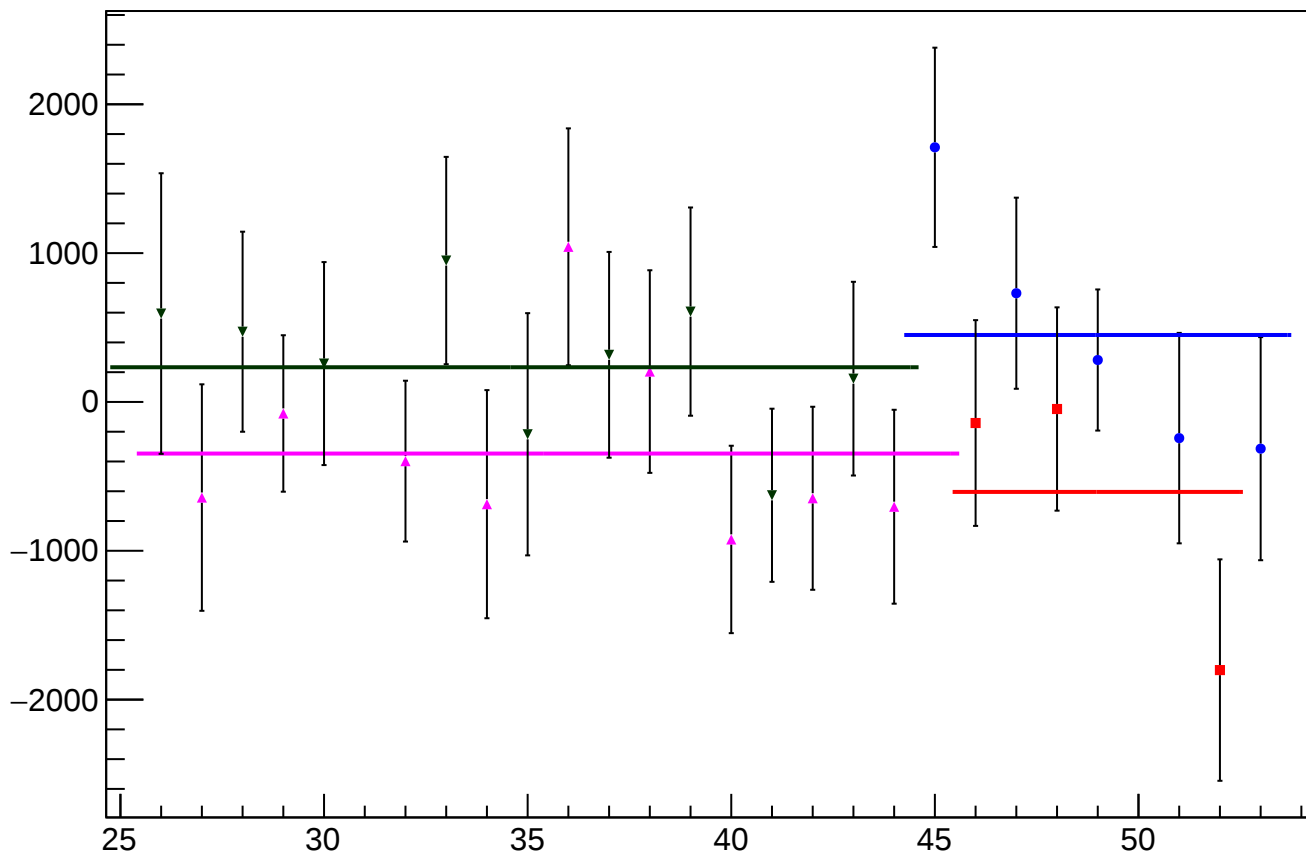
Right Out: 563.525+/-0.328 χ^2/NDF : 12650.8/2

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

599.991+/-0.148 χ^2/NDF : 212587.3/14

576.364+/-0.154 χ^2/NDF : 87814.1/11

asym_usr_mean vs slug



Right In: 449.976 $\pm$ 278.565 χ^2 /NDF: 5.9/4

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

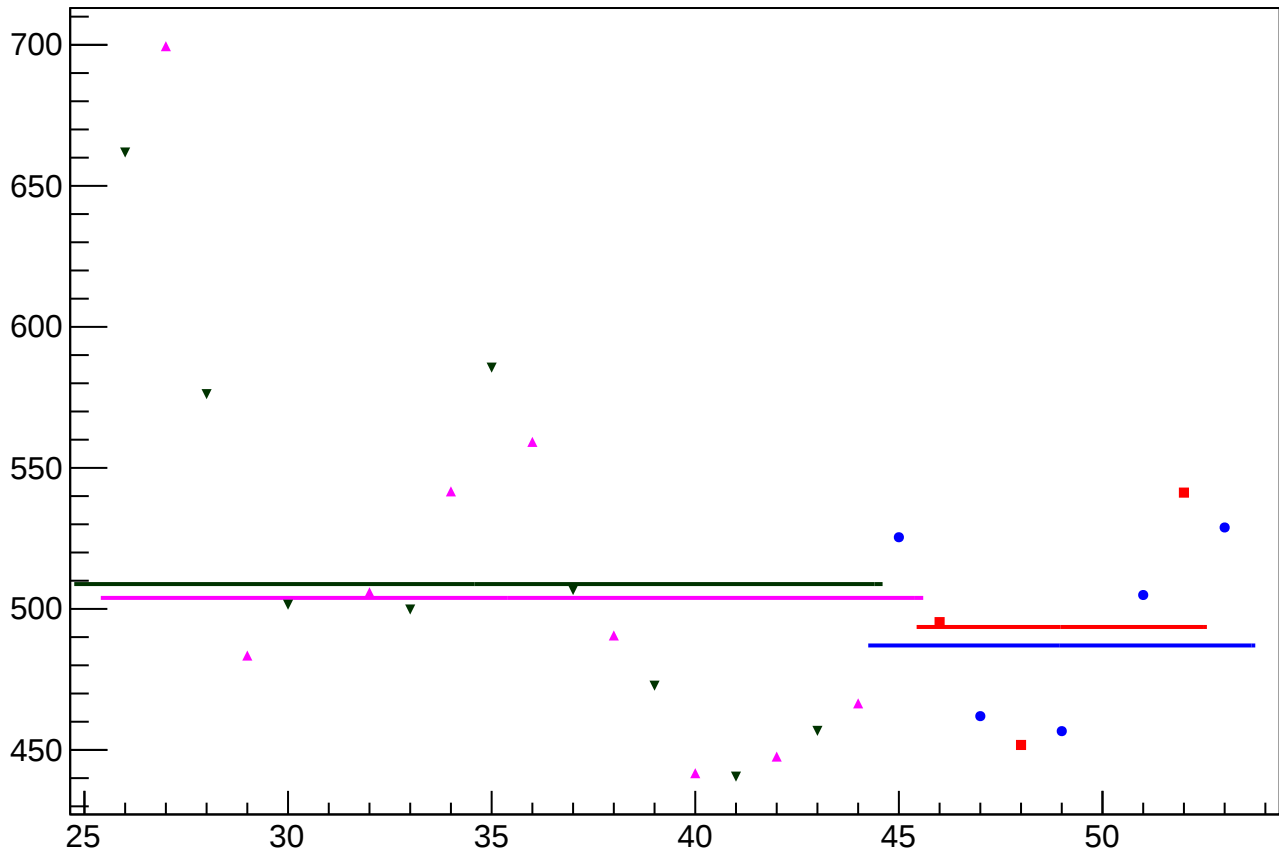
Right Out: -604.465 $\pm$ 406.785 χ^2 /NDF: 3.7/2

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

322.151 $\pm$ 178.460 χ^2 /NDF: 10.4/13

-402.798 $\pm$ 189.738 χ^2 /NDF: 9.7/11

asym_usr_rms vs slug



Right In: 487.037+/-0.197 χ^2/NDF : 25340.0/4

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

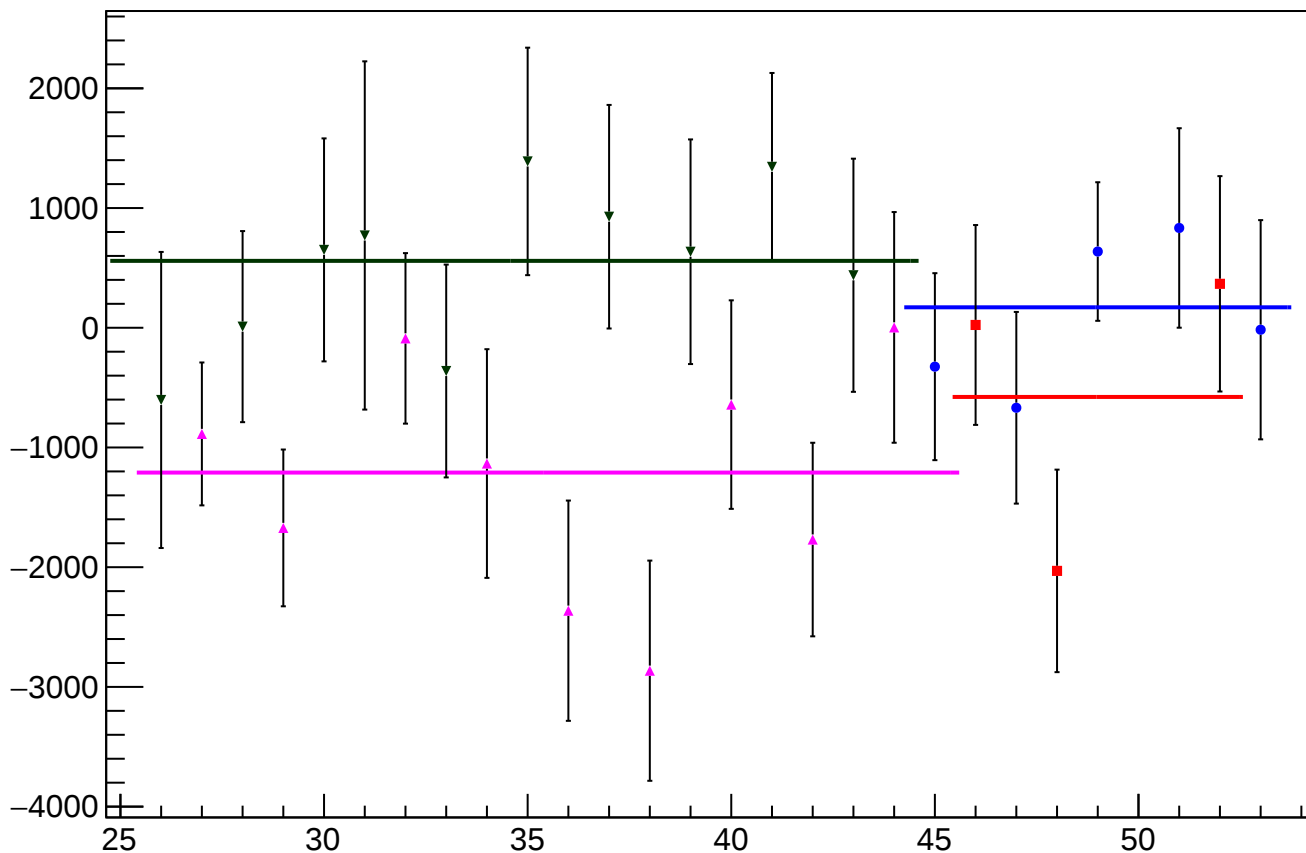
Right Out: 493.596+/-0.288 χ^2/NDF : 15717.8/2

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

499.873+/-0.126 χ^2/NDF : 169344.0/13

501.661+/-0.134 χ^2/NDF : 210070.8/11

asym_dsl_mean vs slug



Right In: 170.840 $\pm$ 336.729 χ^2 /NDF: 2.8/4

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

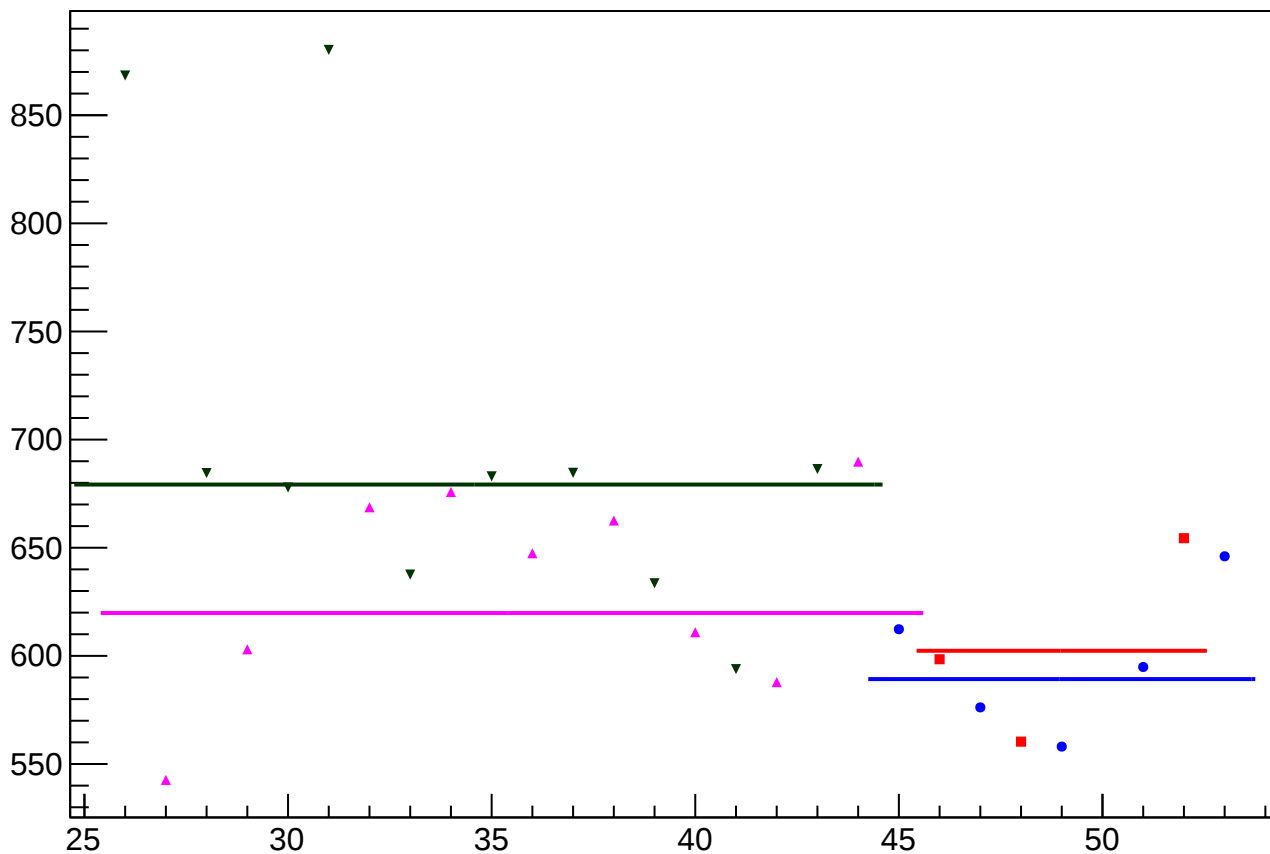
Right Out: -577.871 $\pm$ 495.746 χ^2 /NDF: 4.6/2

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

387.769 $\pm$ 223.572 χ^2 /NDF: 8.0/14

-1071.172 $\pm$ 232.083 χ^2 /NDF: 16.4/11

asym_dsl_rms vs slug



Right In: 589.263 ± 0.238 χ^2/NDF : 15873.7/4

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

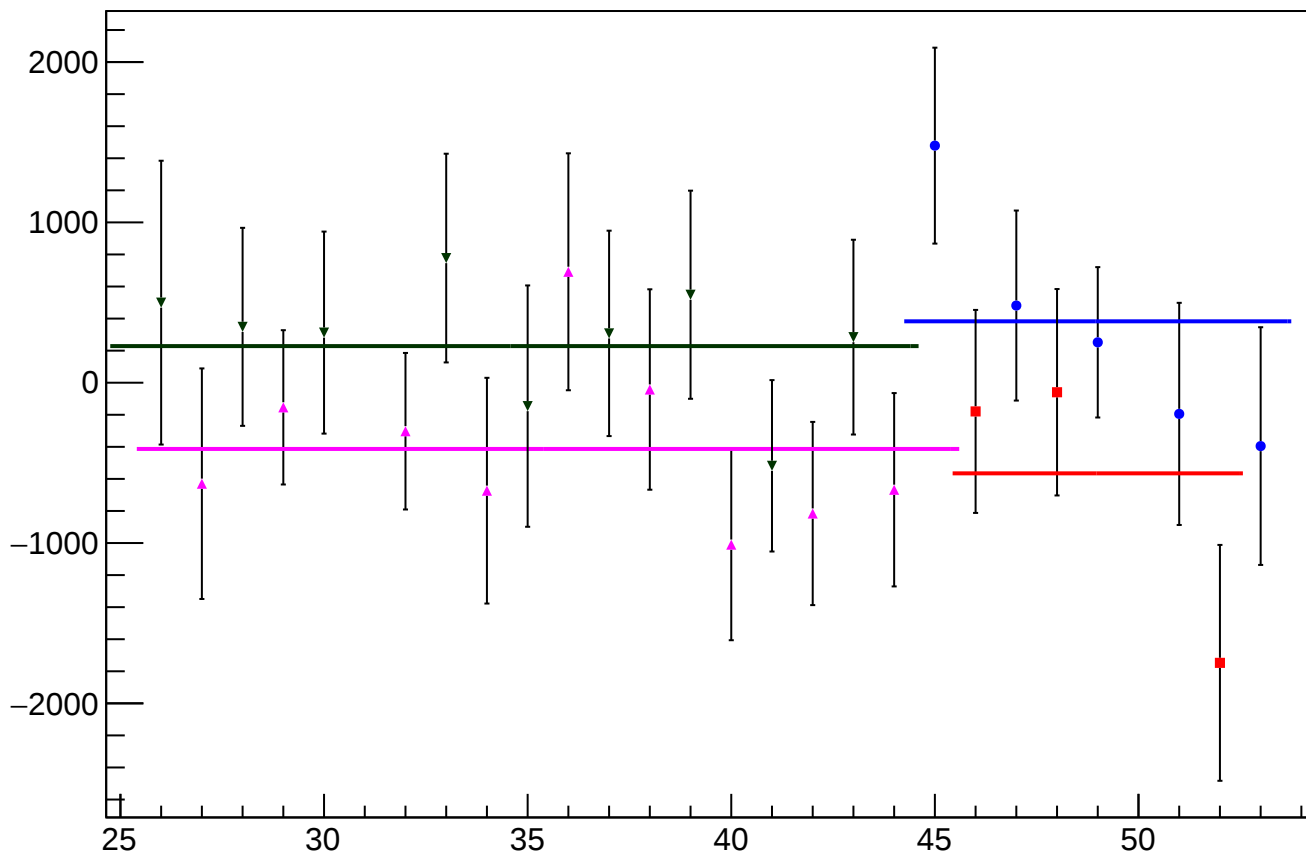
Right Out: 602.357 ± 0.351 χ^2/NDF : 11680.3/2

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

639.566 ± 0.158 χ^2/NDF : 213790.7/14

615.991 ± 0.164 χ^2/NDF : 84673.3/11

asym_dsr_mean vs slug



Right In: 382.959+/-267.506 χ^2/NDF : 5.1/4

Left Out: 228.398+/-215.357 χ^2/NDF : 3.3/8

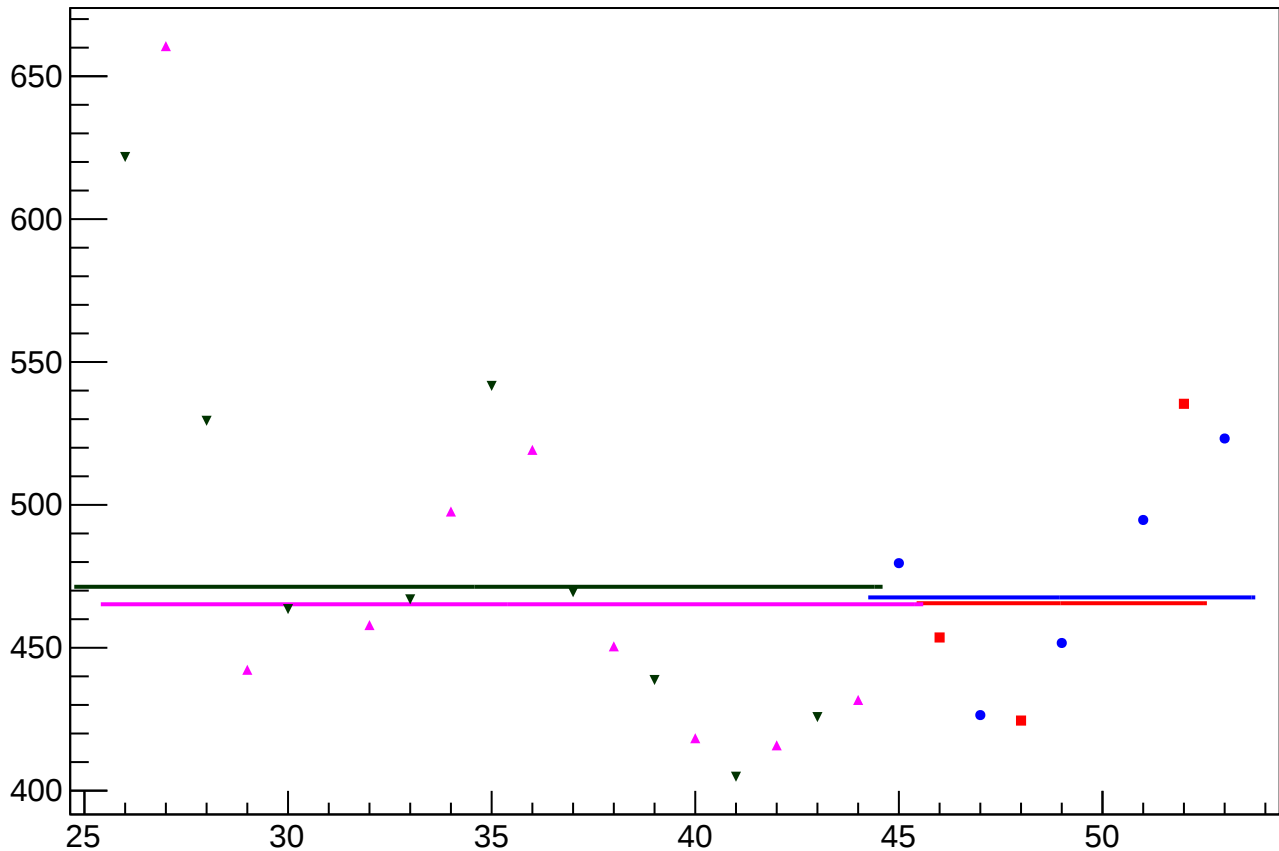
Right Out: -565.361+/-384.754 χ^2/NDF : 3.6/2

Left In: -413.135+/-198.102 χ^2/NDF : 4.8/8

289.179+/-167.751 χ^2/NDF : 8.6/13

-445.034+/-176.127 χ^2/NDF : 8.5/11

asym_dsr_rms vs slug



Right In: 467.626+/-0.189 χ^2/NDF : 27048.7/4

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

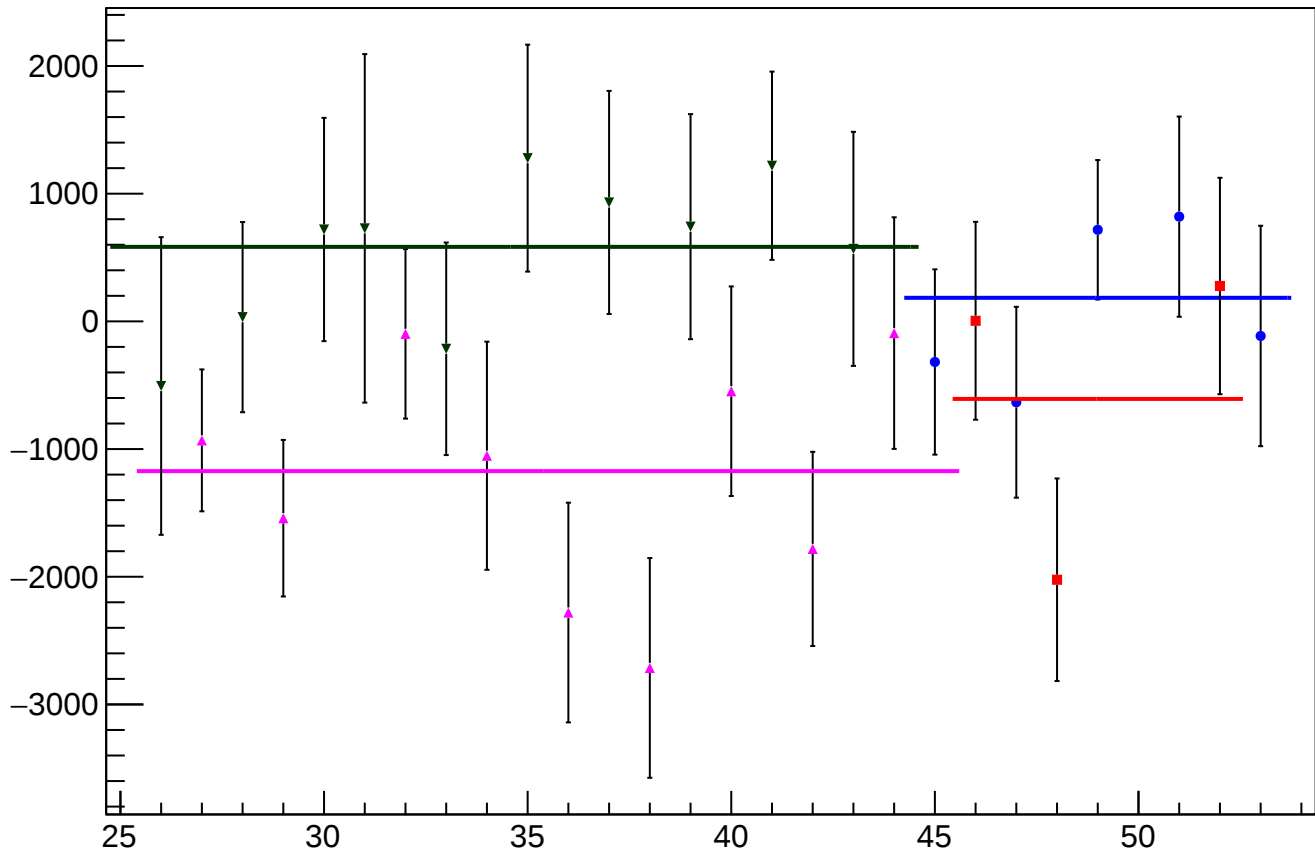
Right Out: 465.589+/-0.272 χ^2/NDF : 26848.2/2

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

469.883+/-0.119 χ^2/NDF : 167803.5/13

465.300+/-0.125 χ^2/NDF : 228871.1/11

cor_usl_mean vs slug



Right In: 184.523+/-316.060 χ^2/NDF : 3.4/4

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

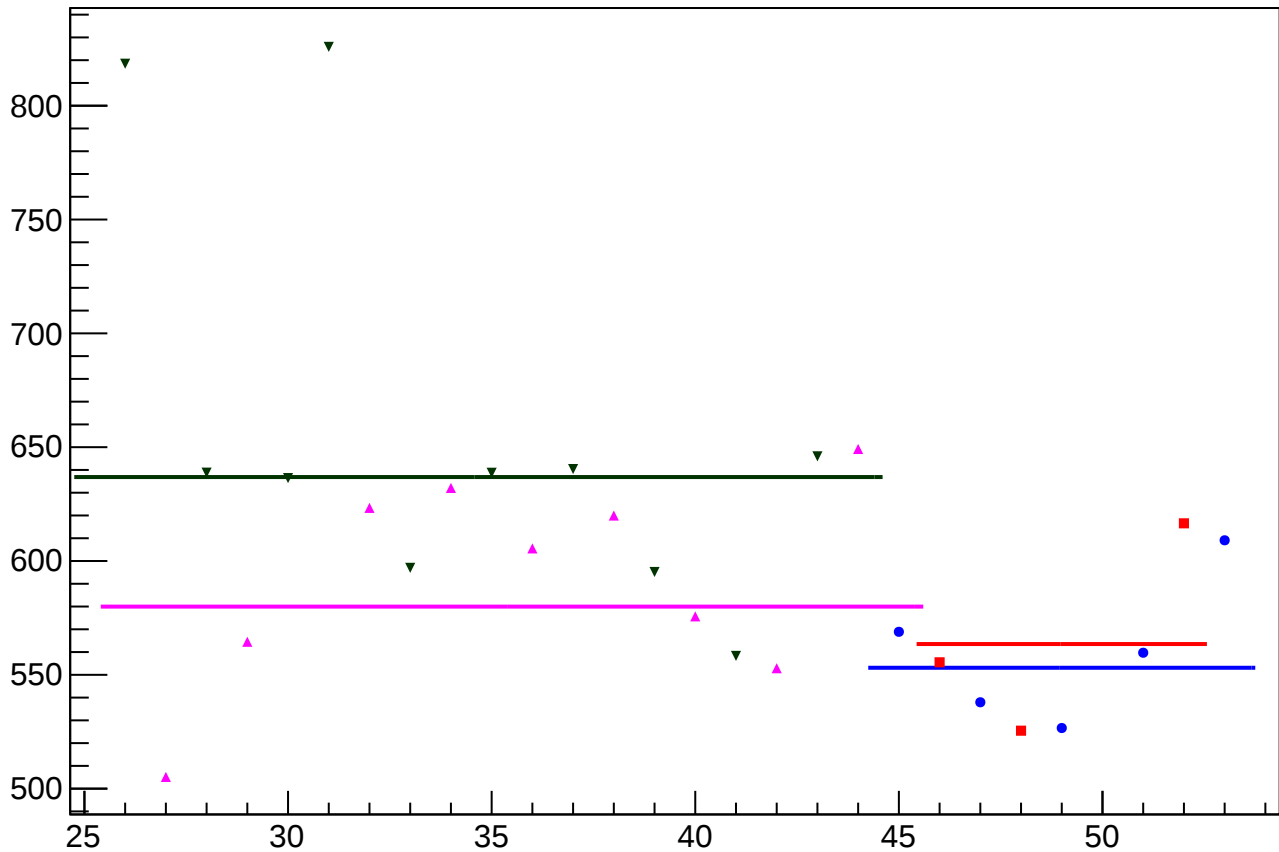
Right Out: -607.247+/-463.878 χ^2/NDF : 4.9/2

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

407.796+/-209.730 χ^2/NDF : 8.2/14

-1048.746+/-217.186 χ^2/NDF : 16.8/11

cor_usl_rms vs slug



Right In: 553.105 $\pm$ 0.223 χ^2 /NDF: 15025.0/4

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

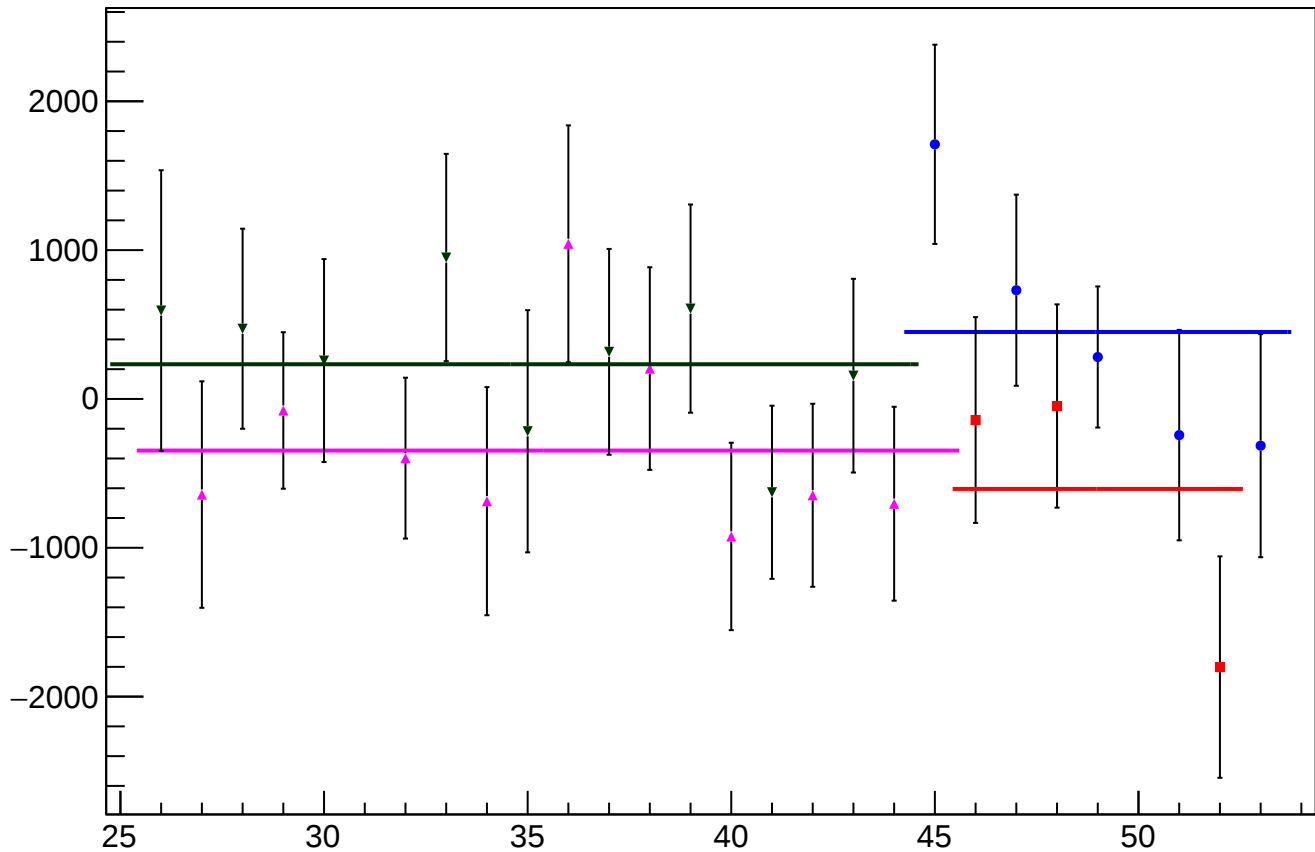
Right Out: 563.525 $\pm$ 0.328 χ^2 /NDF: 12650.8/2

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

599.991 $\pm$ 0.148 χ^2 /NDF: 212587.3/14

576.364 $\pm$ 0.154 χ^2 /NDF: 87814.1/11

cor_usr_mean vs slug



Right In: 449.976 ± 278.565 χ^2/NDF : 5.9/4

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

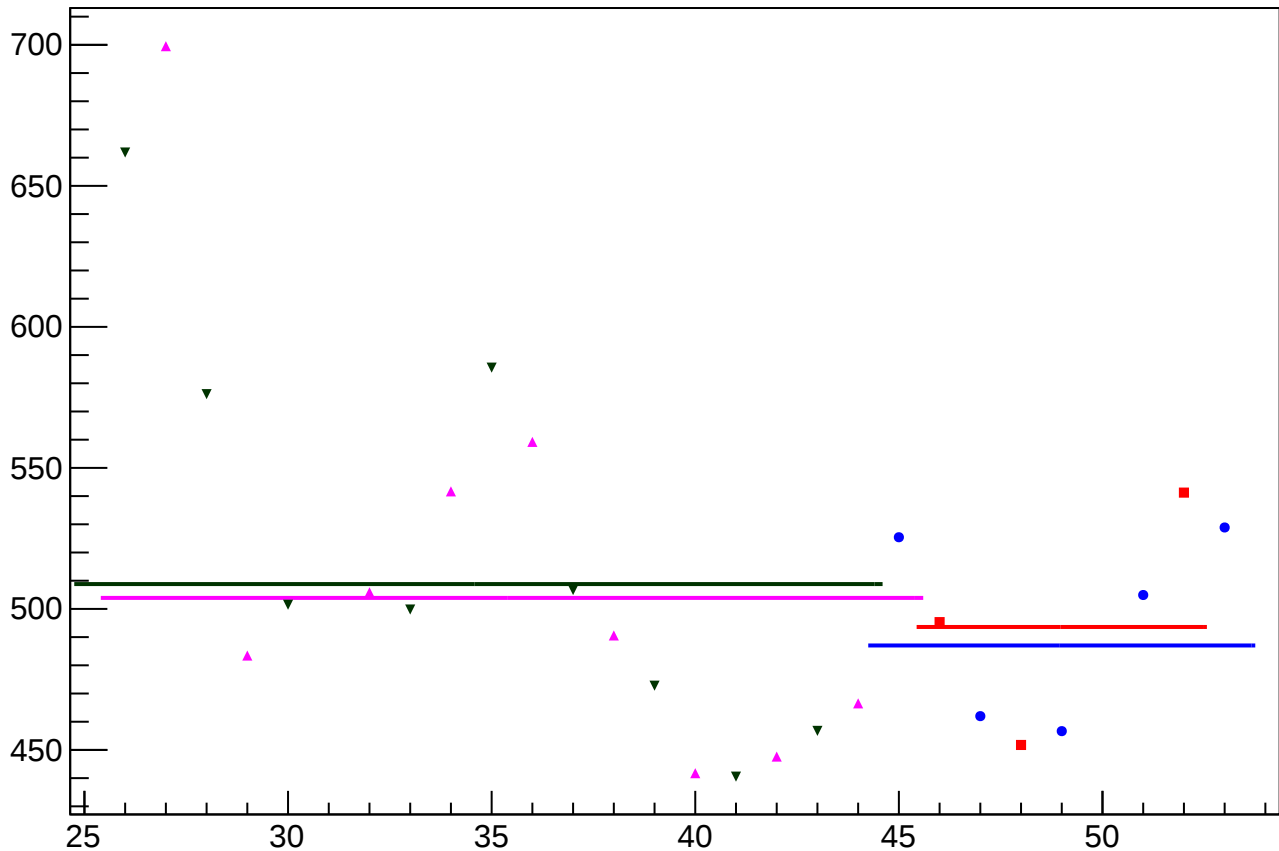
Right Out: -604.465 ± 406.785 χ^2/NDF : 3.7/2

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

322.151 ± 178.460 χ^2/NDF : 10.4/13

-402.798 ± 189.738 χ^2/NDF : 9.7/11

cor_usr_rms vs slug



Right In: 487.037 $\pm$ 0.197 χ^2 /NDF: 25340.0/4

Left Out: 508.808 $\pm$ 0.164 χ^2 /NDF:136801.2/8

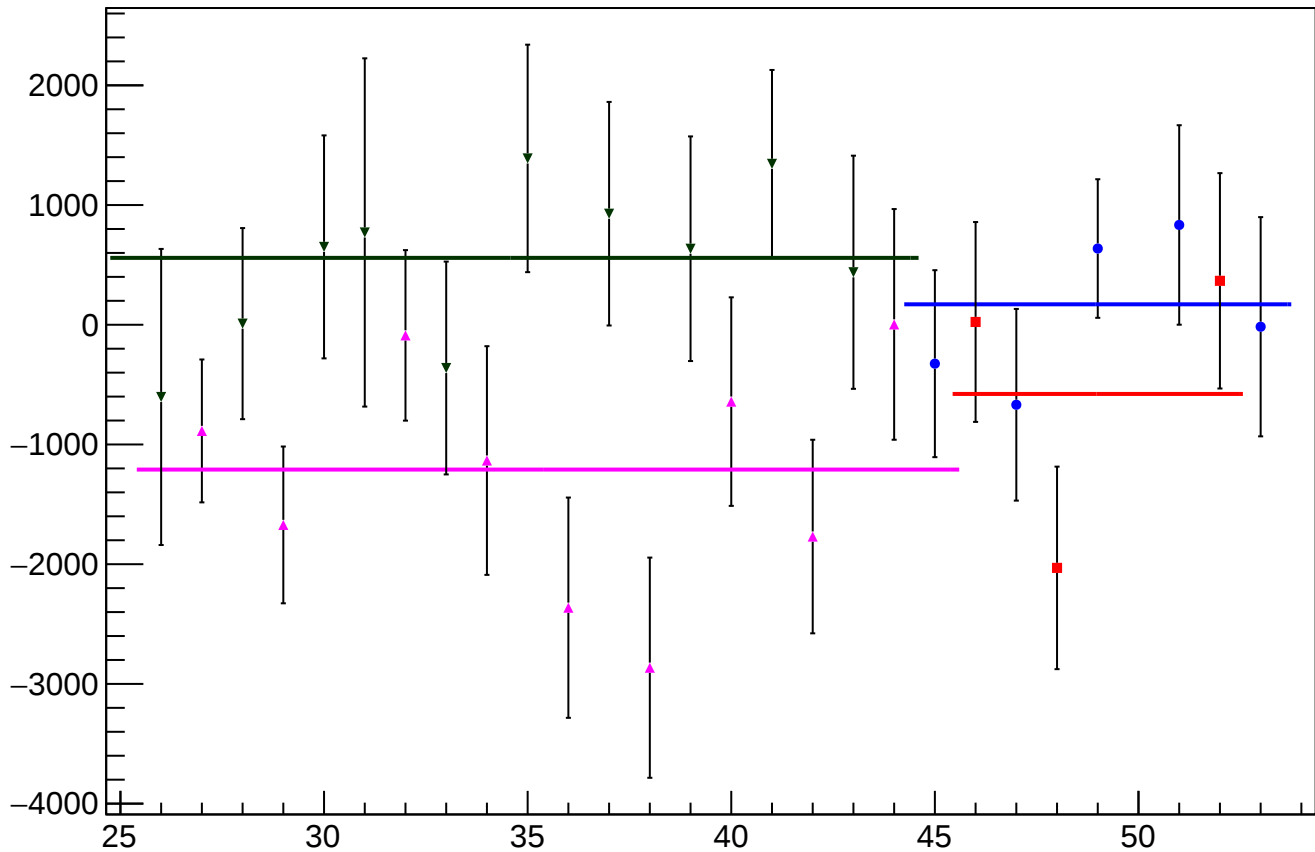
Right Out: 493.596 $\pm$ 0.288 χ^2 /NDF: 15717.8/2

Left In: 503.904 $\pm$ 0.152 χ^2 /NDF:193348.2/8

499.873 $\pm$ 0.126 χ^2 /NDF: 169344.0/13

501.661 $\pm$ 0.134 χ^2 /NDF: 210070.8/11

cor_dsl_mean vs slug



Right In: 170.840+/-336.729 χ^2/NDF : 2.8/4

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

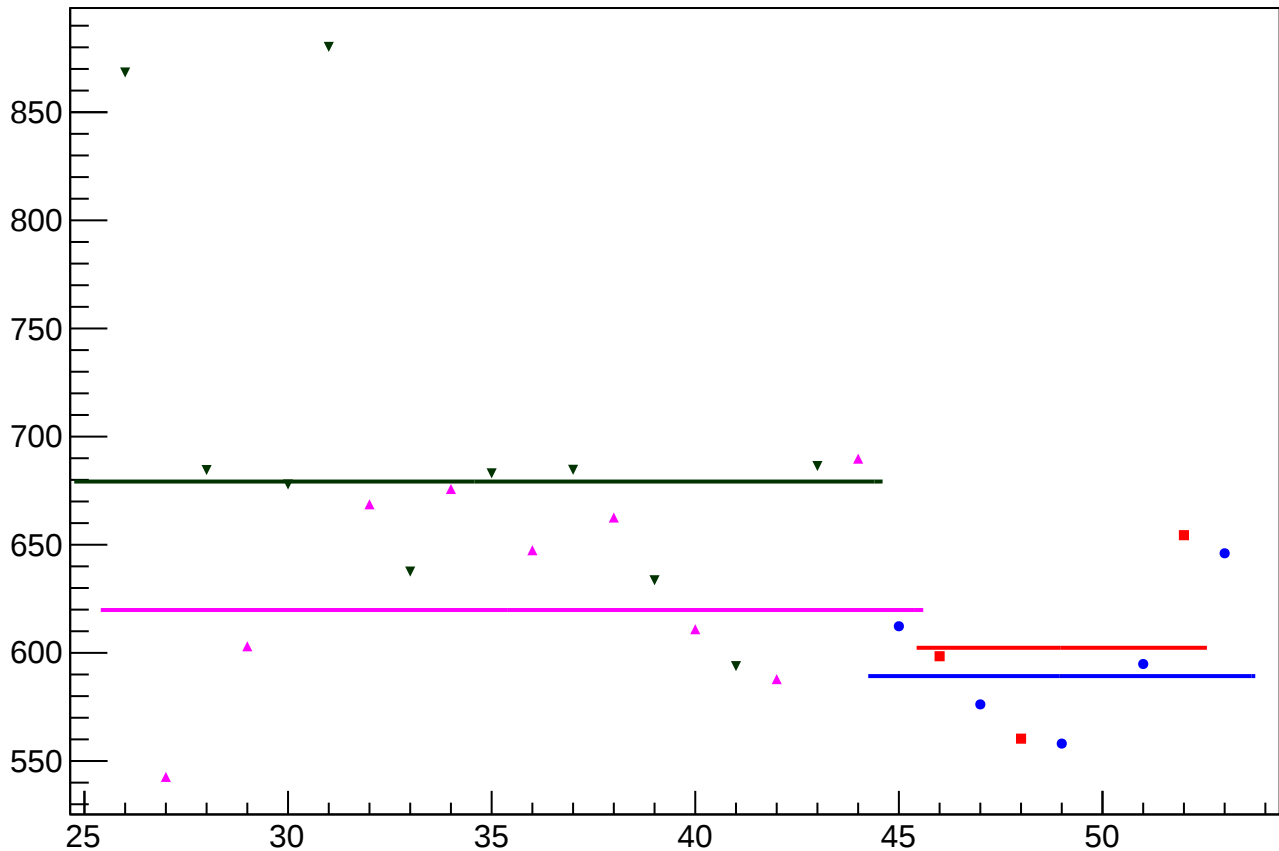
Right Out: -577.871+/-495.746 χ^2/NDF : 4.6/2

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

387.769+/-223.572 χ^2/NDF : 8.0/14

-1071.172+/-232.083 χ^2/NDF : 16.4/11

cor_dsl_rms vs slug



Right In: 589.263+/-0.238 χ^2/NDF : 15873.7/4

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

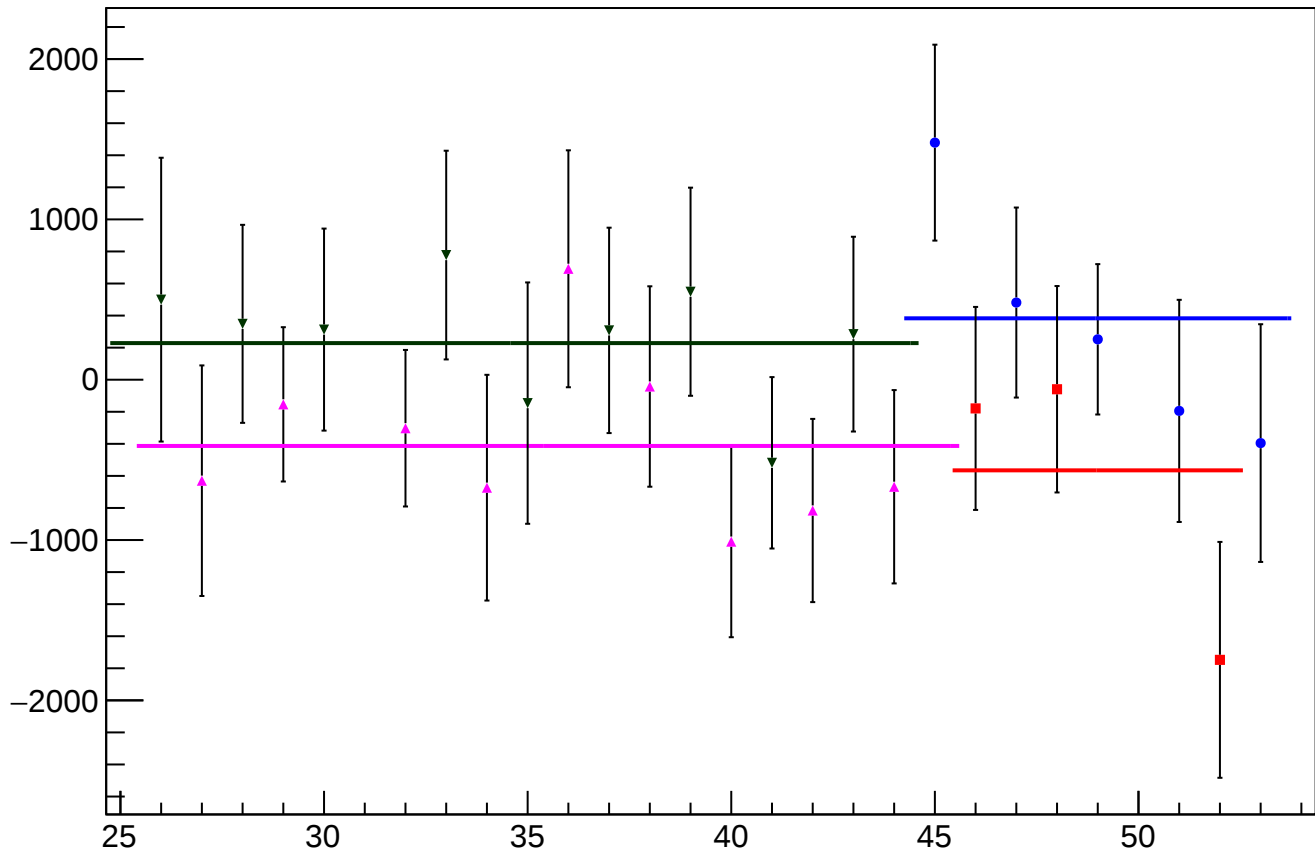
Right Out: 602.357+/-0.351 χ^2/NDF : 11680.3/2

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

639.566+/-0.158 χ^2/NDF : 213790.7/14

615.991+/-0.164 χ^2/NDF : 84673.3/11

cor_dsr_mean vs slug



Right In: 382.959 ± 267.506 χ^2/NDF : 5.1/4

Left Out: 228.398 ± 215.357 χ^2/NDF : 3.3/8

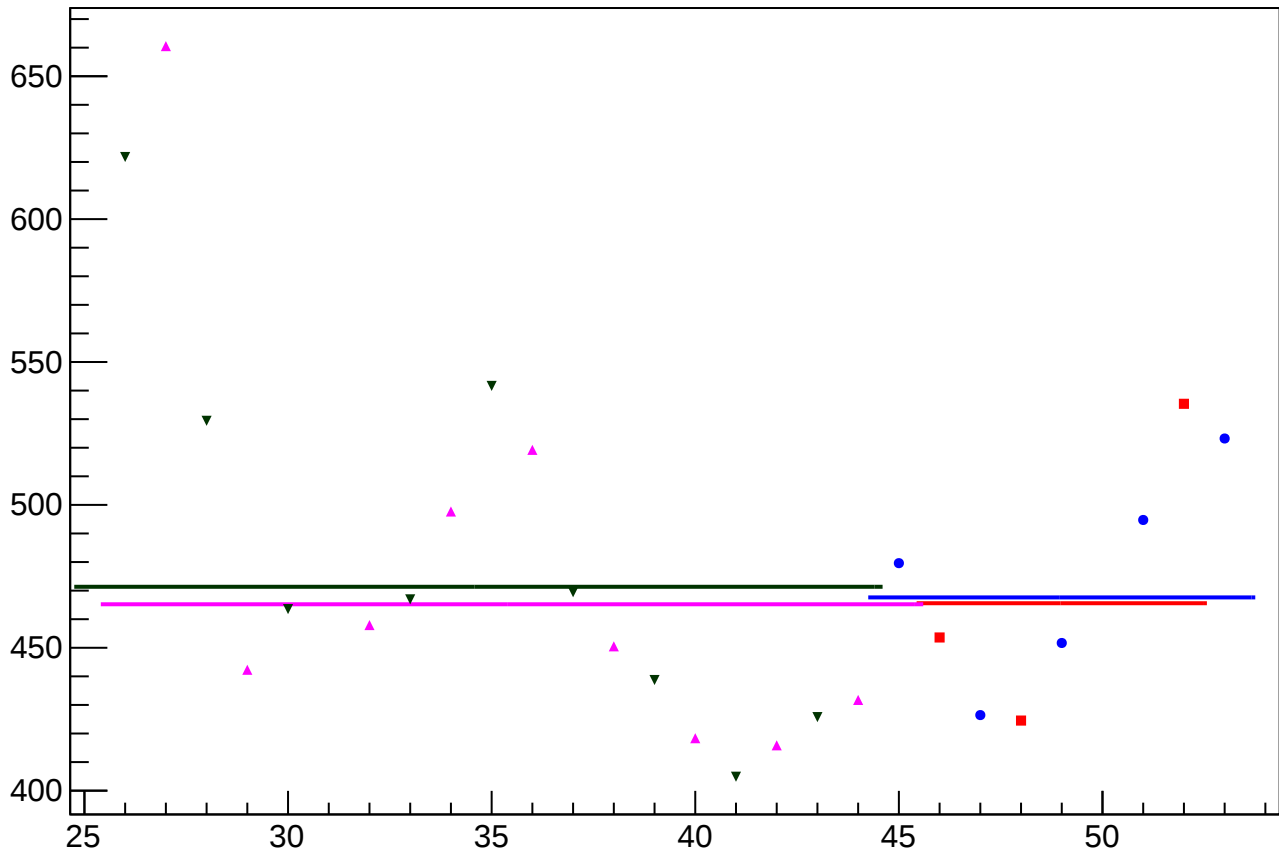
Right Out: -565.361 ± 384.754 χ^2/NDF : 3.6/2

Left In: -413.135 ± 198.102 χ^2/NDF : 4.8/8

289.179 ± 167.751 χ^2/NDF : 8.6/13

-445.034 ± 176.127 χ^2/NDF : 8.5/11

cor_dsr_rms vs slug



Right In: 467.626 ± 0.189 χ^2/NDF : 27048.7/4

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

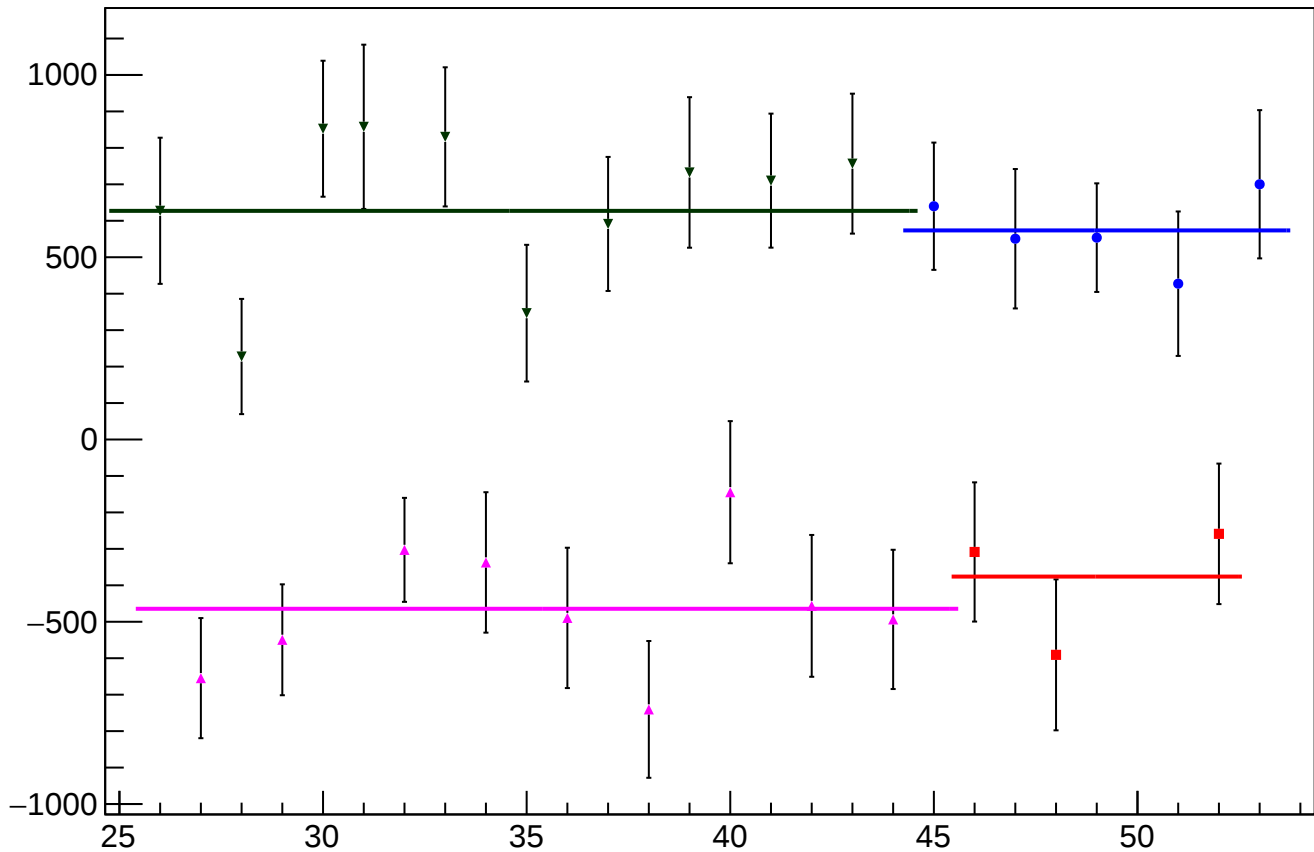
Right Out: 465.589 ± 0.272 χ^2/NDF : 26848.2/2

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

469.883 ± 0.119 χ^2/NDF : 167803.5/13

465.300 ± 0.125 χ^2/NDF : 228871.1/11

reg_asym_usl_mean vs slug



Right In: 573.566 ± 80.356 χ^2/NDF : 1.1/4

Left Out: 627.204 ± 59.866 χ^2/NDF : 13.2/9

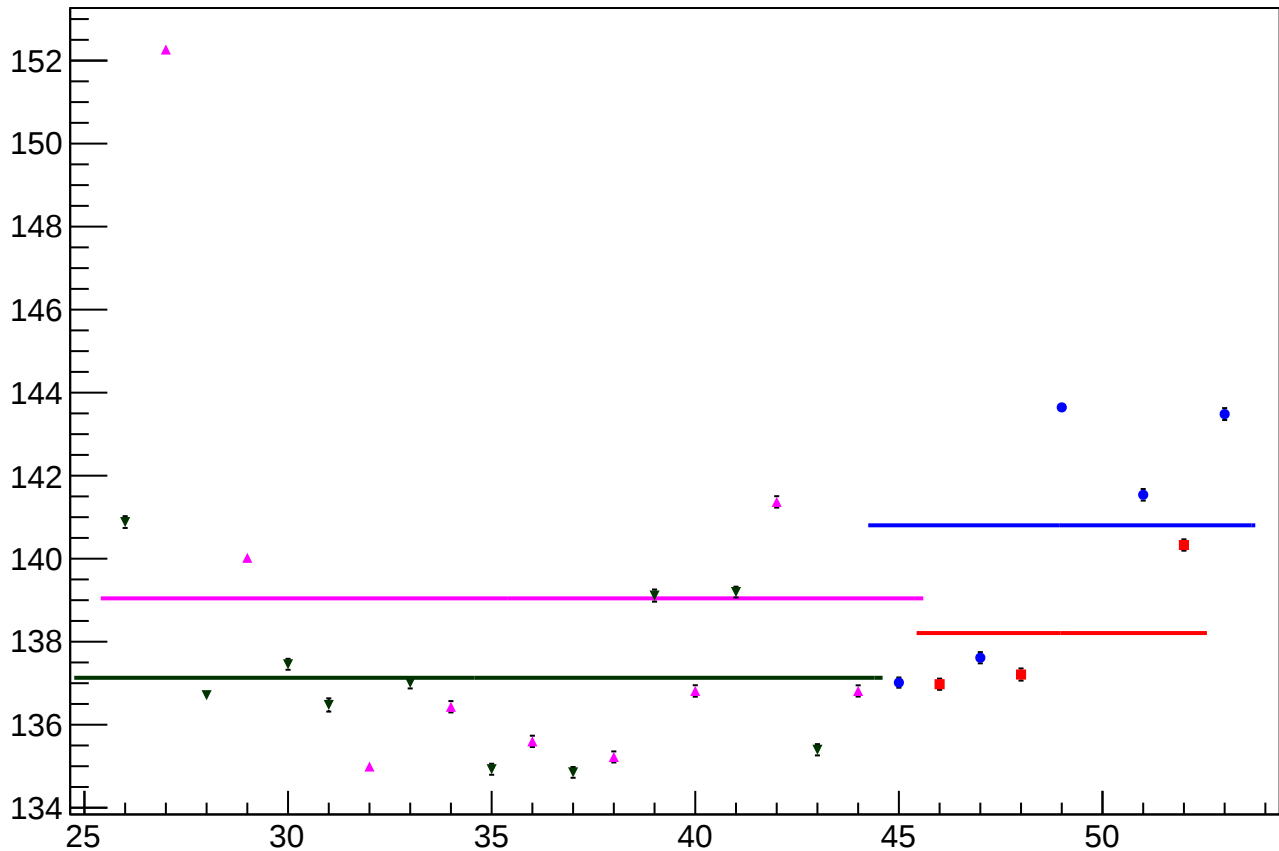
Right Out: -376.042 ± 113.471 χ^2/NDF : 1.6/2

Left In: -464.385 ± 58.554 χ^2/NDF : 8.3/8

608.059 ± 48.008 χ^2/NDF : 14.6/14

-445.808 ± 52.034 χ^2/NDF : 10.3/11

reg_asym_usl_rms vs slug



Right In: 140.804+/-0.057 χ^2/NDF : 2600.9/4

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

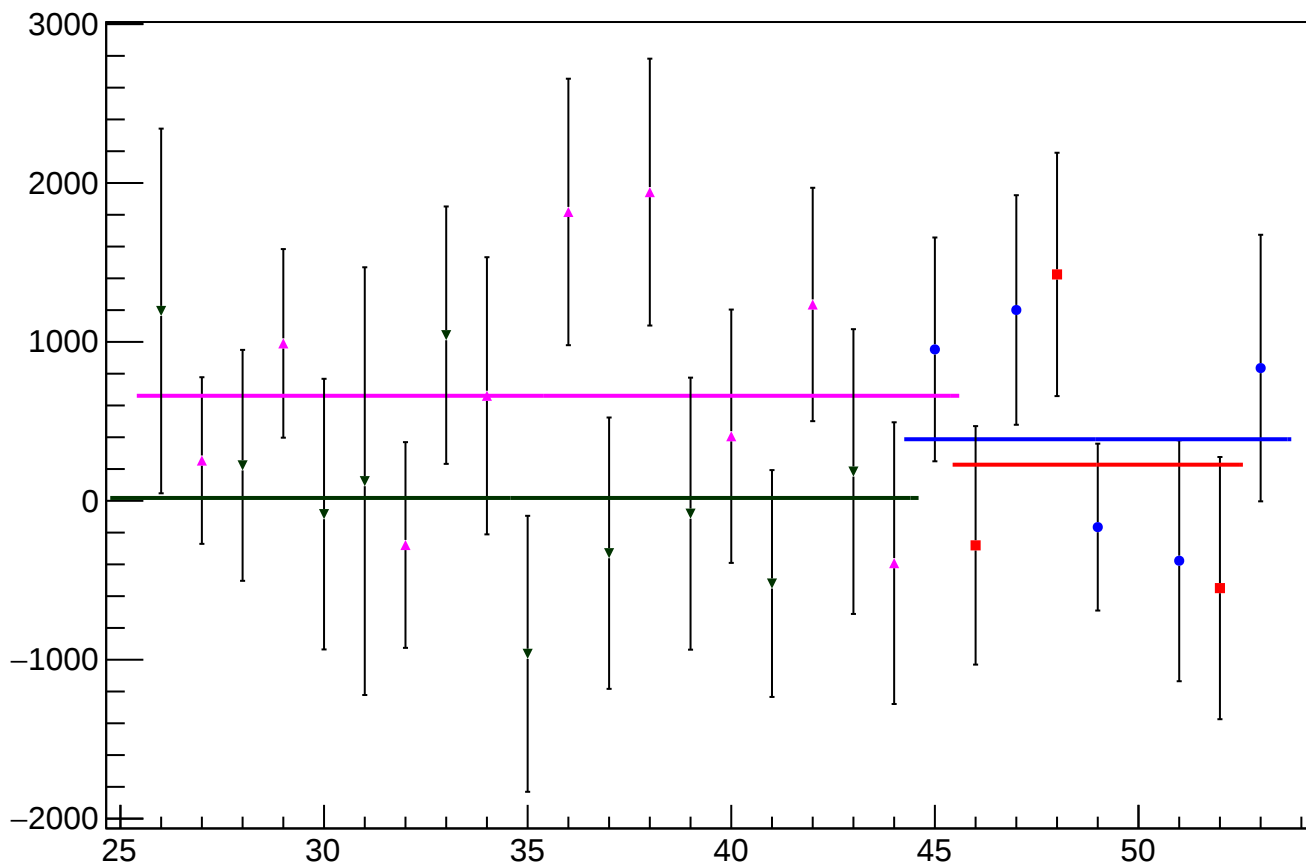
Right Out: 138.208+/-0.080 χ^2/NDF : 372.1/2

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

138.442+/-0.034 χ^2/NDF : 7209.9/14

138.868+/-0.037 χ^2/NDF : 17691.2/11

asym_usl_correction_mean vs slug



Right In: 387.478 ± 305.400 χ^2/NDF : 4.3/4

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

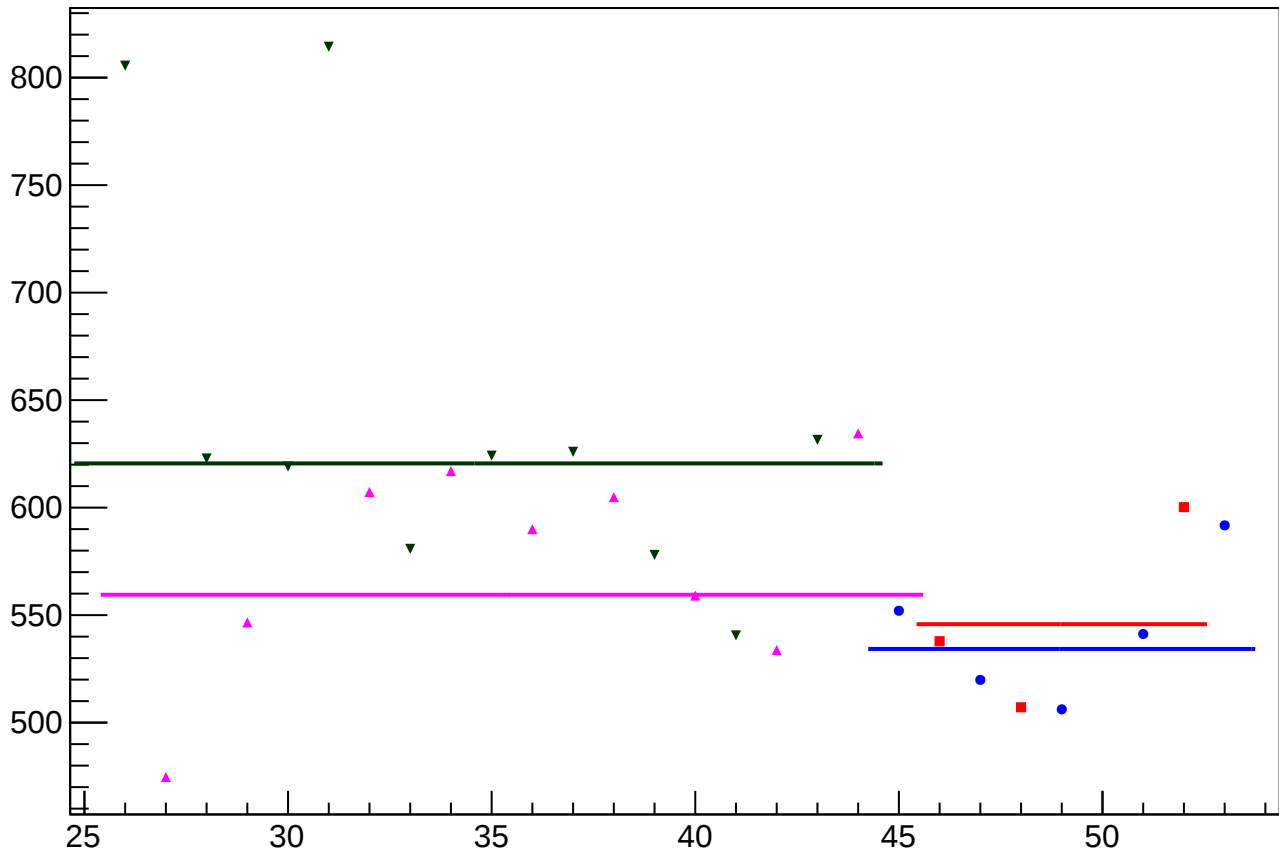
Right Out: 227.349 ± 449.437 χ^2/NDF : 3.8/2

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

182.353 ± 203.691 χ^2/NDF : 9.9/14

566.290 ± 210.026 χ^2/NDF : 13.9/11

asym_usl_correction_rms vs slug



Right In: 534.283 ± 0.216 χ^2/NDF : 17360.2/4

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

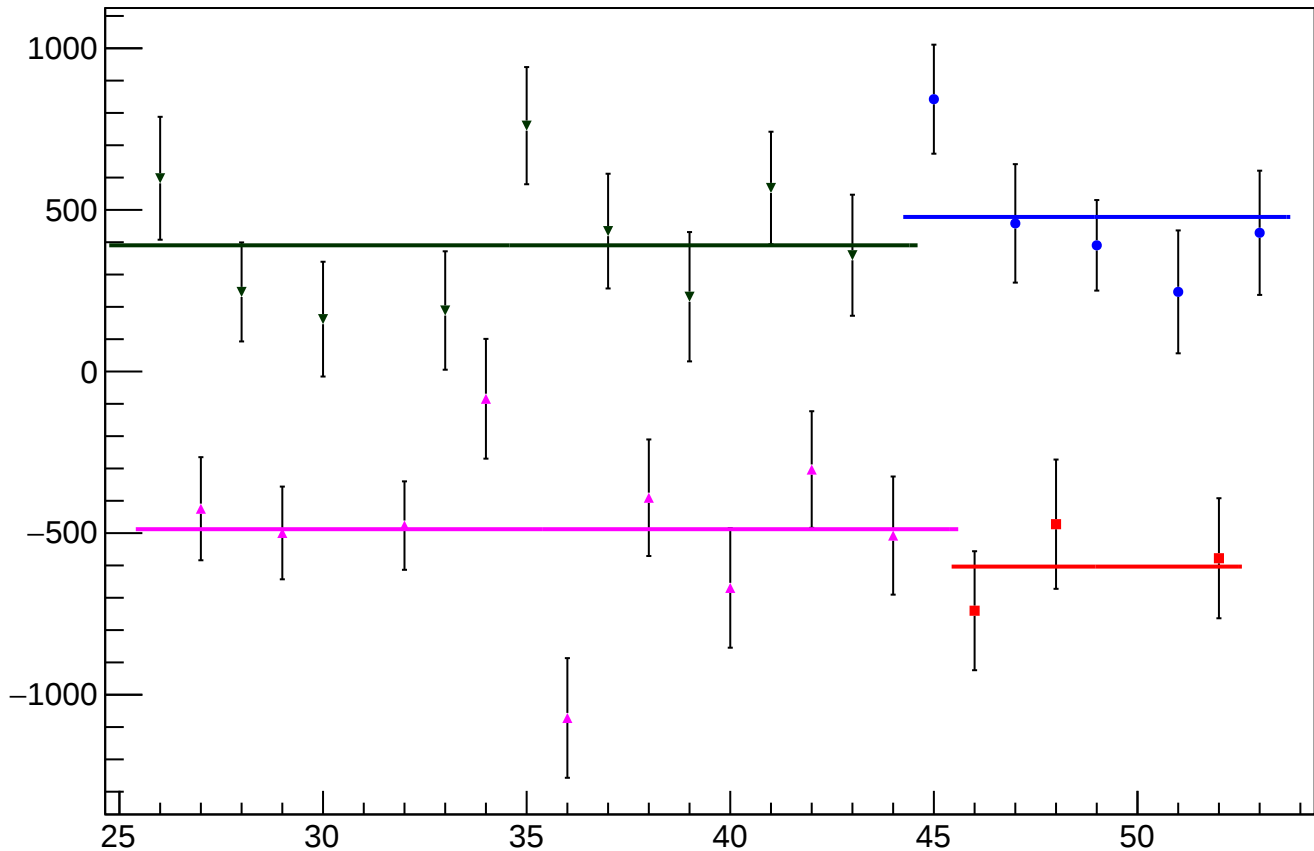
Right Out: 545.785 ± 0.318 χ^2/NDF : 14022.8/2

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

582.182 ± 0.144 χ^2/NDF : 234782.8/14

556.486 ± 0.149 χ^2/NDF : 113602.4/11

reg_asym_usr_mean vs slug



Right In: 478.183 $\pm$ 76.554 χ^2/NDF : 6.6/4

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

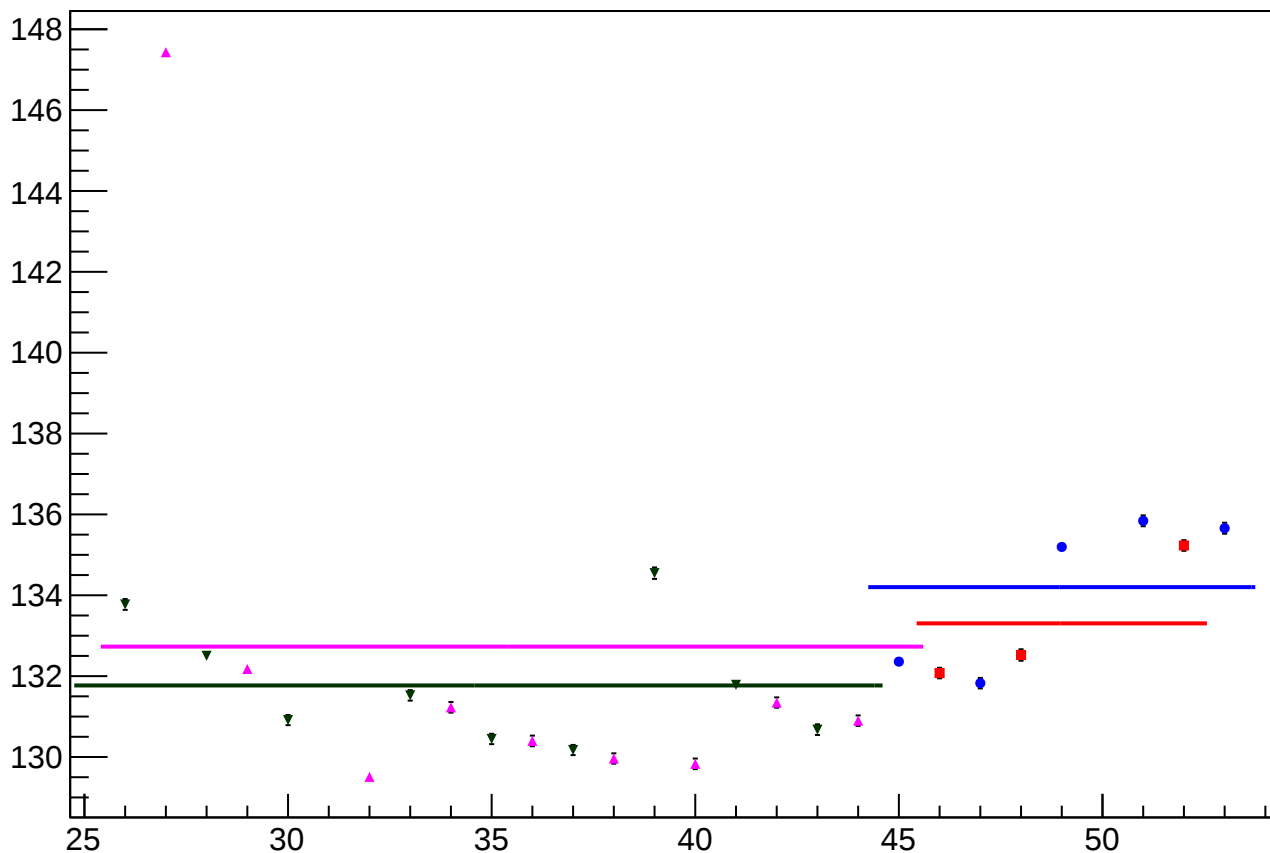
423.629 $\pm$ 47.080 χ^2/NDF : 18.3/13

Right Out: -603.549 $\pm$ 109.425 χ^2/NDF : 1.0/2

-511.769 $\pm$ 49.766 χ^2/NDF : 19.1/11

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

reg_asym_usr_rms vs slug



Right In: 134.202 $\pm$ 0.054 χ^2 /NDF: 939.3/4

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

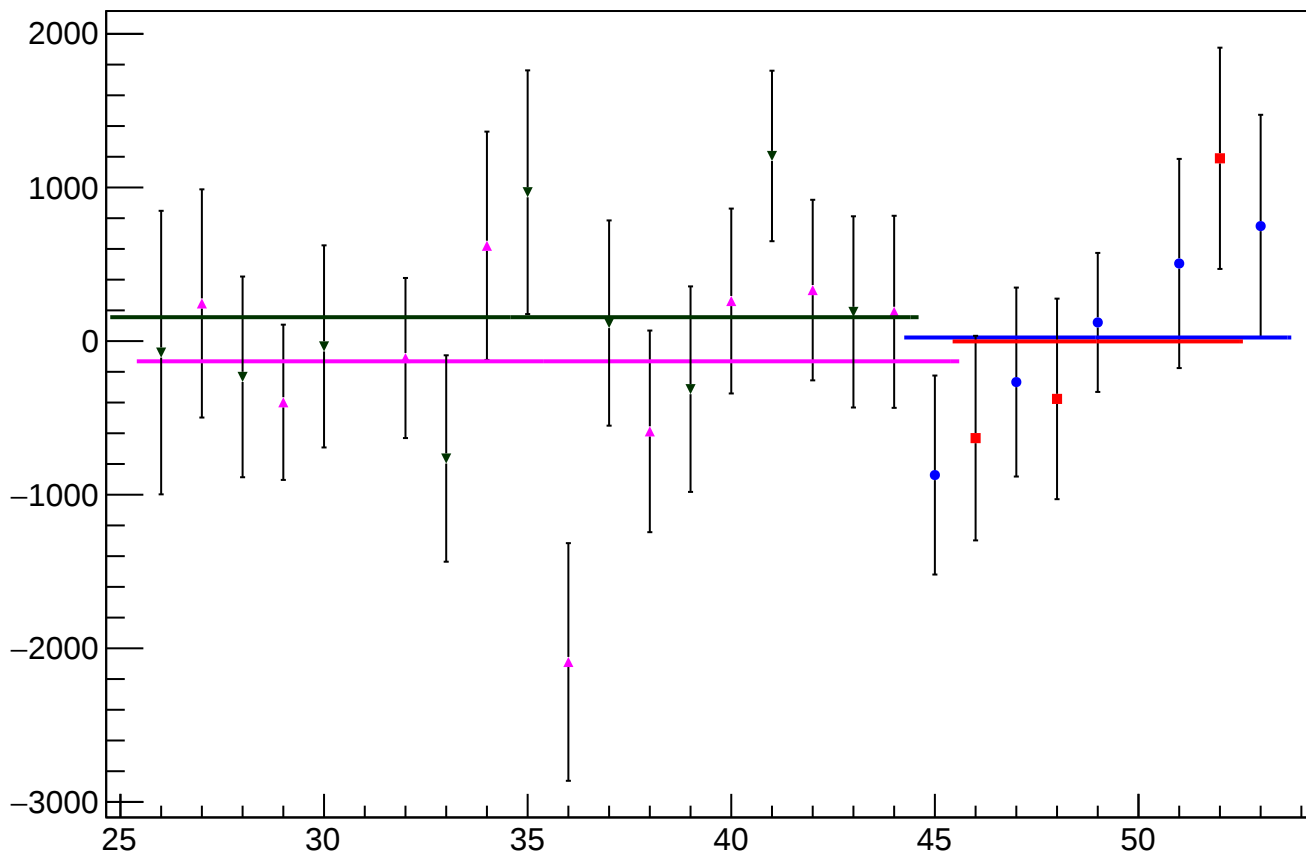
Right Out: 133.305 $\pm$ 0.077 χ^2 /NDF: 334.9/2

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

132.689 $\pm$ 0.033 χ^2 /NDF: 3234.4/13

132.849 $\pm$ 0.035 χ^2 /NDF: 20238.9/11

asym_usr_correction_mean vs slug



Right In: 23.426 ± 267.498 $\chi^2/\text{NDF}: 3.7/4$

Left Out: 155.597 ± 223.964 $\chi^2/\text{NDF}: 7.5/8$

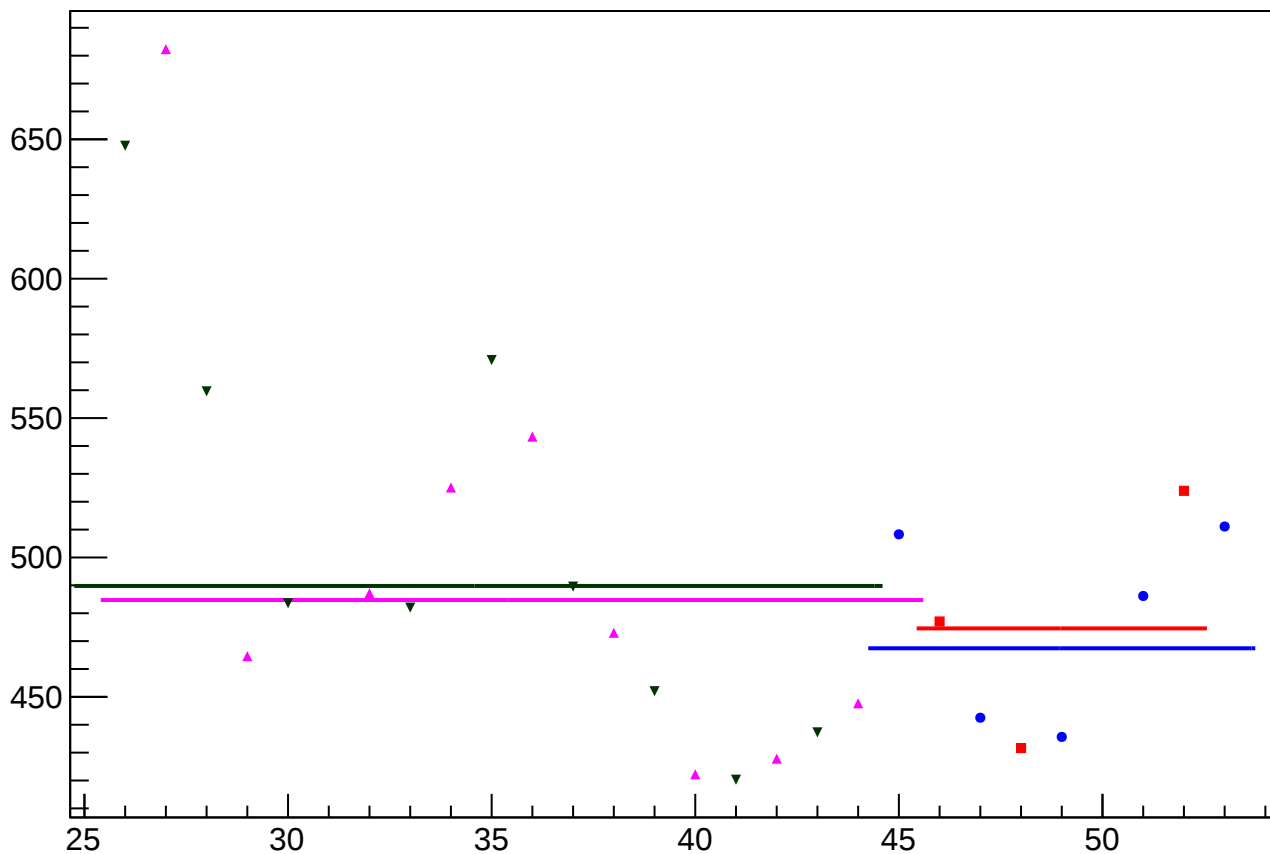
Right Out: -2.033 ± 391.334 $\chi^2/\text{NDF}: 4.0/2$

Left In: -131.610 ± 206.595 $\chi^2/\text{NDF}: 9.8/8$

101.128 ± 171.722 $\chi^2/\text{NDF}: 11.3/13$

-103.367 ± 182.698 $\chi^2/\text{NDF}: 13.8/11$

asym_usr_correction_rms vs slug



Right In: 467.429+/-0.189 χ^2/NDF : 29912.5/4

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

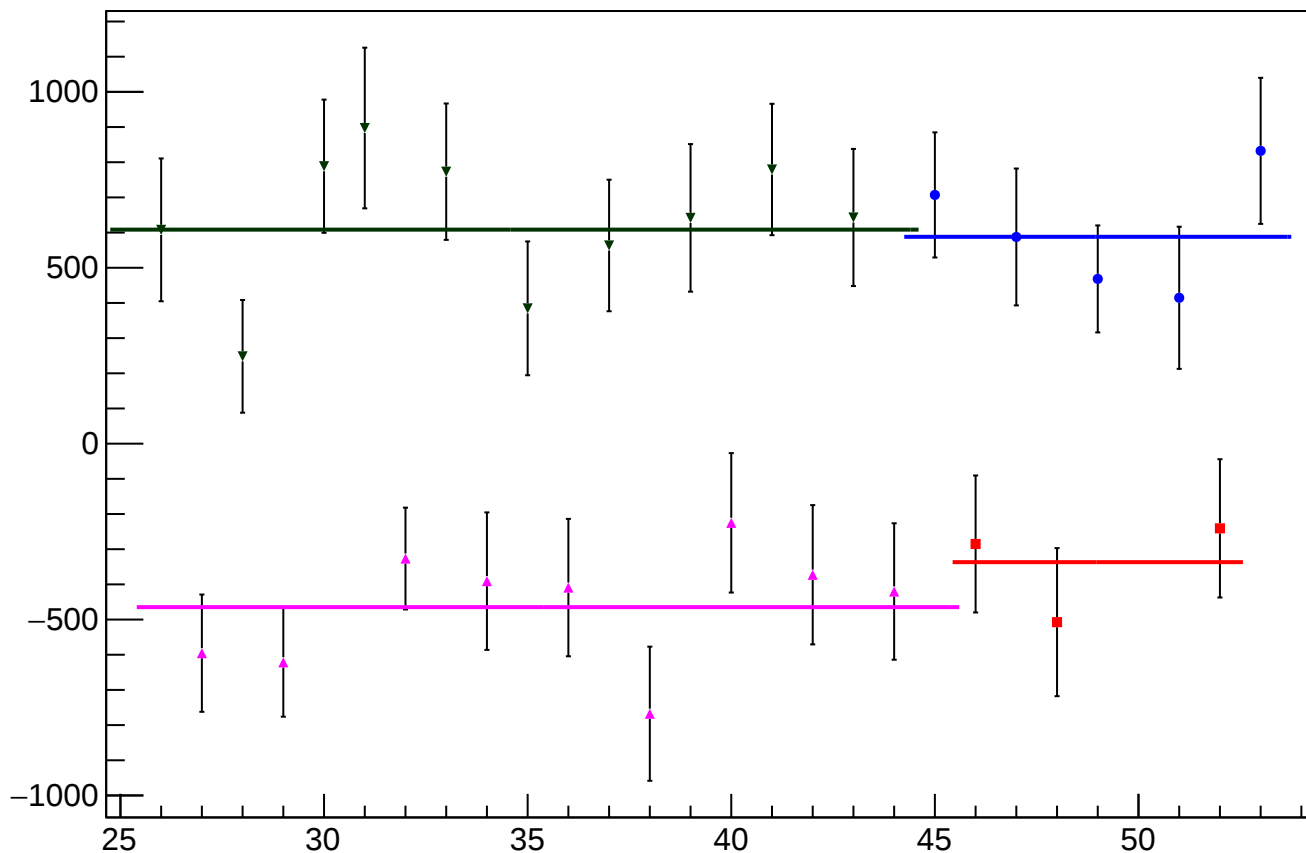
Right Out: 474.561+/-0.277 χ^2/NDF : 18063.8/2

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

480.574+/-0.121 χ^2/NDF : 192817.6/13

482.517+/-0.129 χ^2/NDF : 229277.0/11

reg_asym_dsl_mean vs slug



Right In: 587.972 ± 81.931 $\chi^2/\text{NDF}: 3.2/4$

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

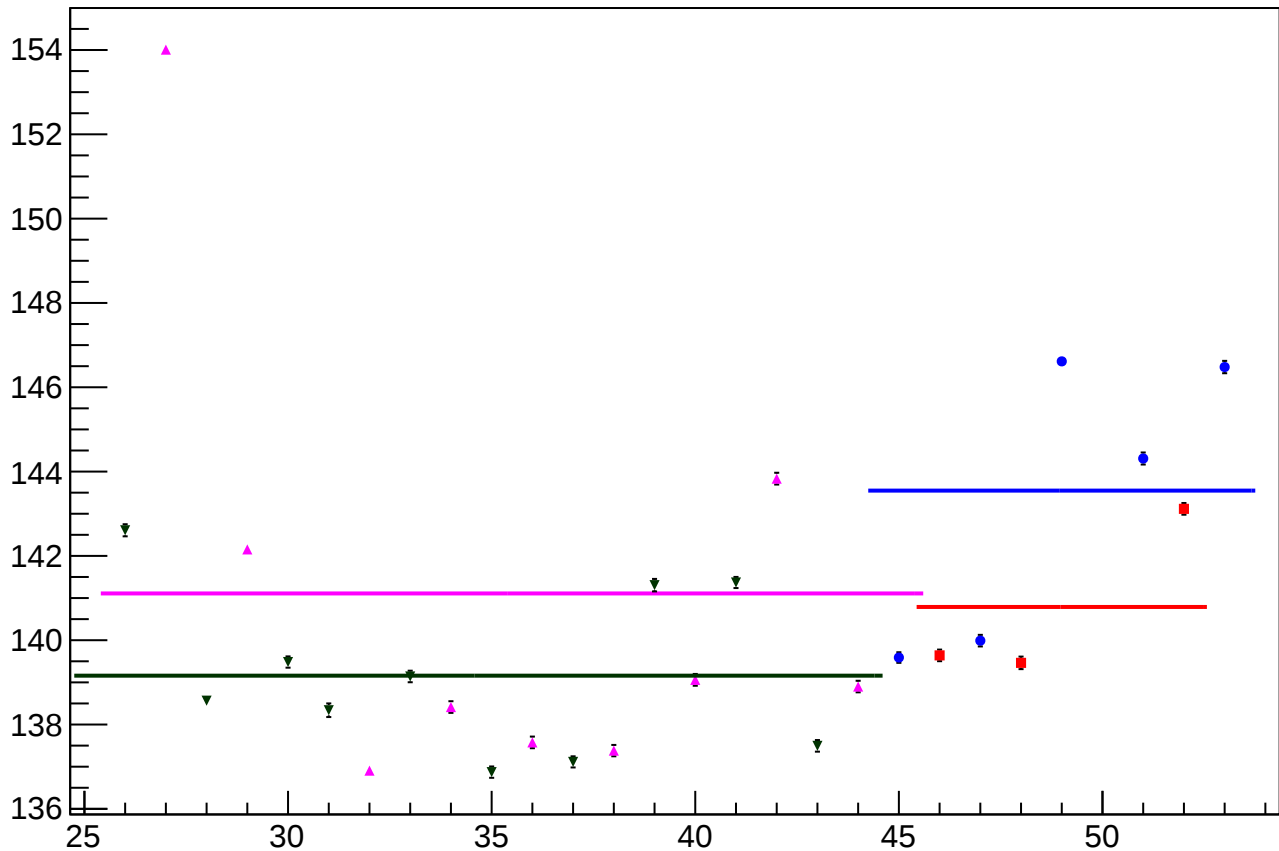
Right Out: -336.821 ± 115.596 $\chi^2/\text{NDF}: 1.0/2$

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

601.157 ± 48.801 $\chi^2/\text{NDF}: 13.9/14$

-437.951 ± 52.853 $\chi^2/\text{NDF}: 9.0/11$

reg_asym_dsl_rms vs slug



Right In: 143.549+/-0.058 χ^2/NDF : 2900.4/4

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

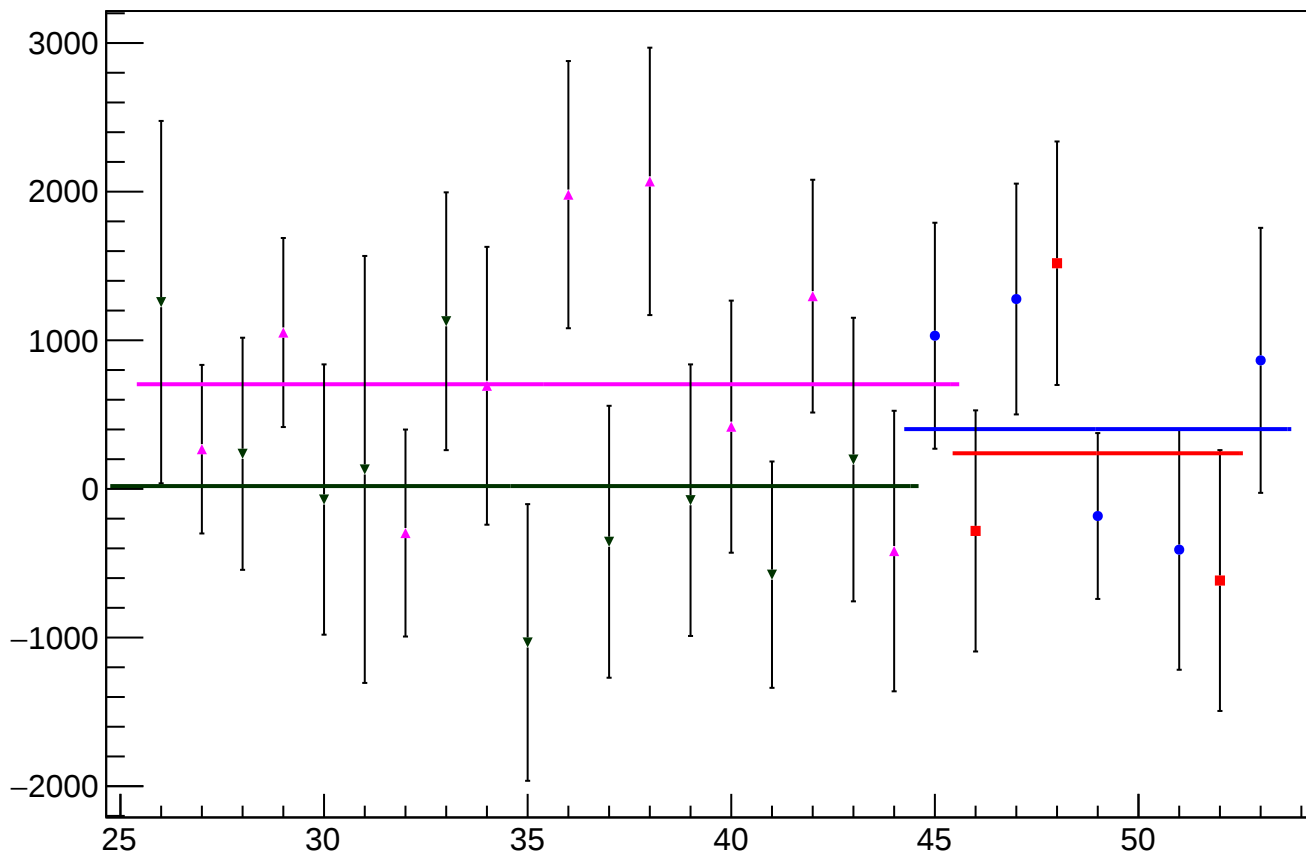
Right Out: 140.789+/-0.082 χ^2/NDF : 429.3/2

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

140.716+/-0.035 χ^2/NDF : 8405.5/14

141.042+/-0.037 χ^2/NDF : 16851.9/11

asym_dsl_correction_mean vs slug



Right In: 402.435±/326.317 χ^2/NDF : 4.3/4

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

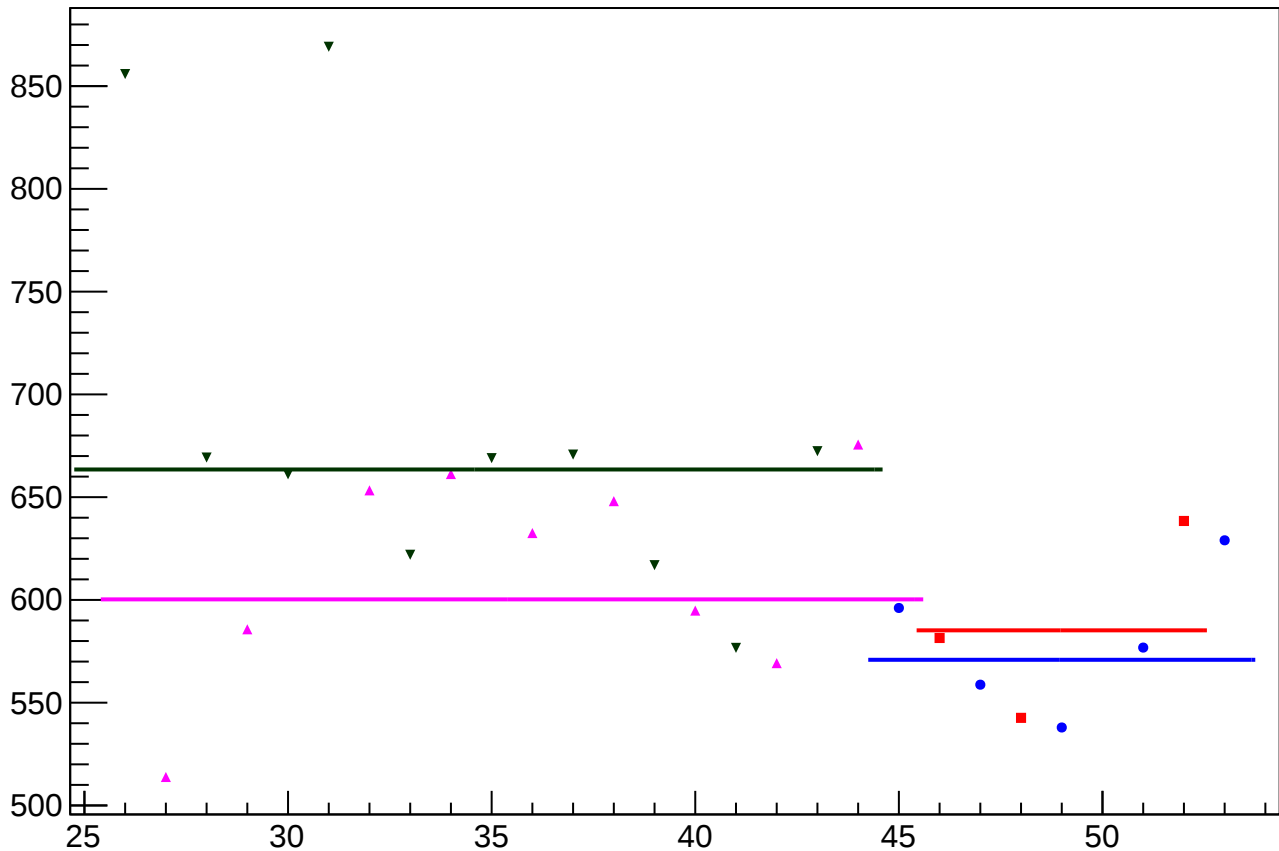
Right Out: 239.802±/481.769 χ^2/NDF : 3.8/2

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

189.759±/217.706 χ^2/NDF : 10.0/14

602.764±/225.217 χ^2/NDF : 13.9/11

asym_dsl_correction_rms vs slug



Right In: 570.872 ± 0.231 χ^2/NDF : 18269.1/4

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

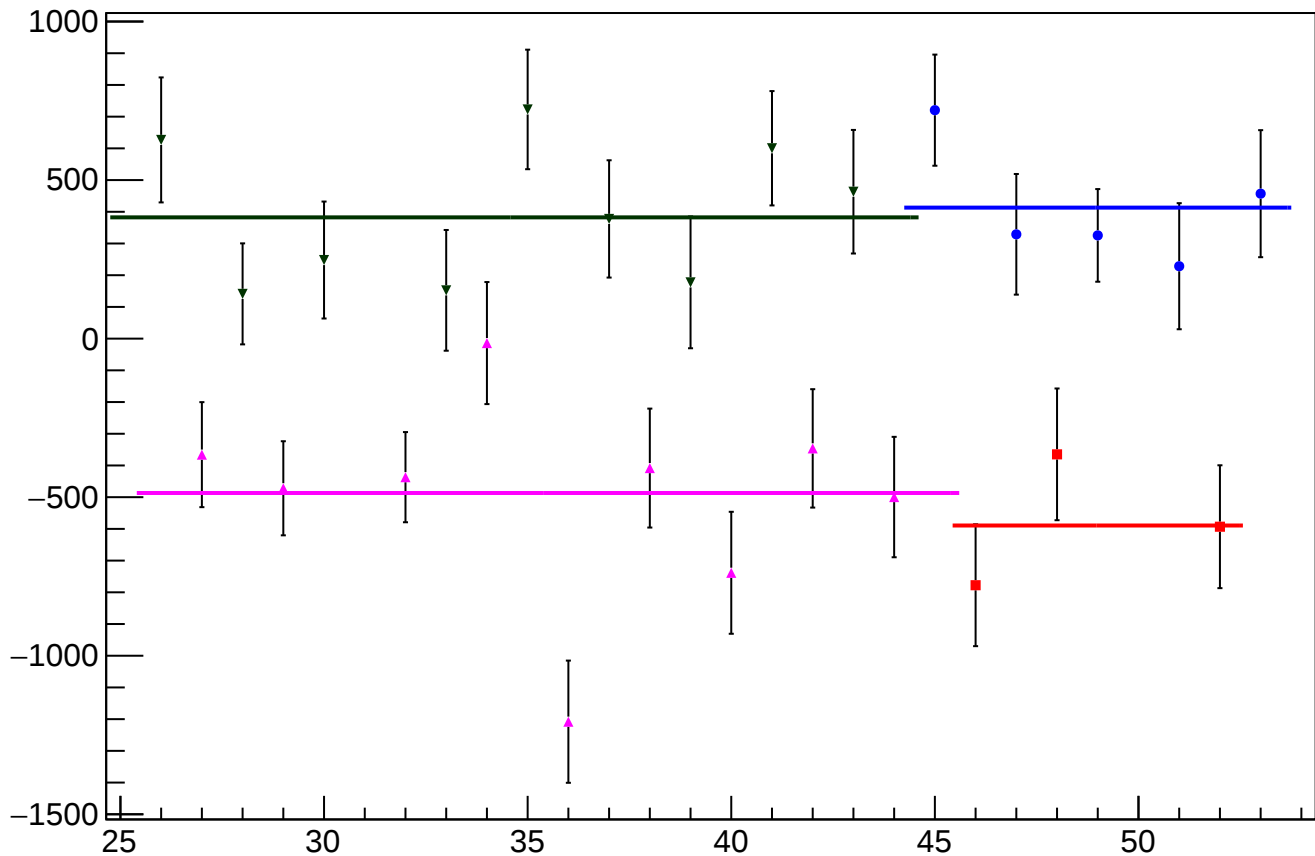
Right Out: 585.199 ± 0.341 χ^2/NDF : 12800.6/2

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

622.253 ± 0.154 χ^2/NDF : 234715.9/14

596.973 ± 0.159 χ^2/NDF : 106132.7/11

reg_asym_dsr_mean vs slug



Right In: 413.140 ± 79.739 χ^2/NDF : 4.5/4

Left Out: 382.401 ± 62.041 χ^2/NDF : 11.7/8

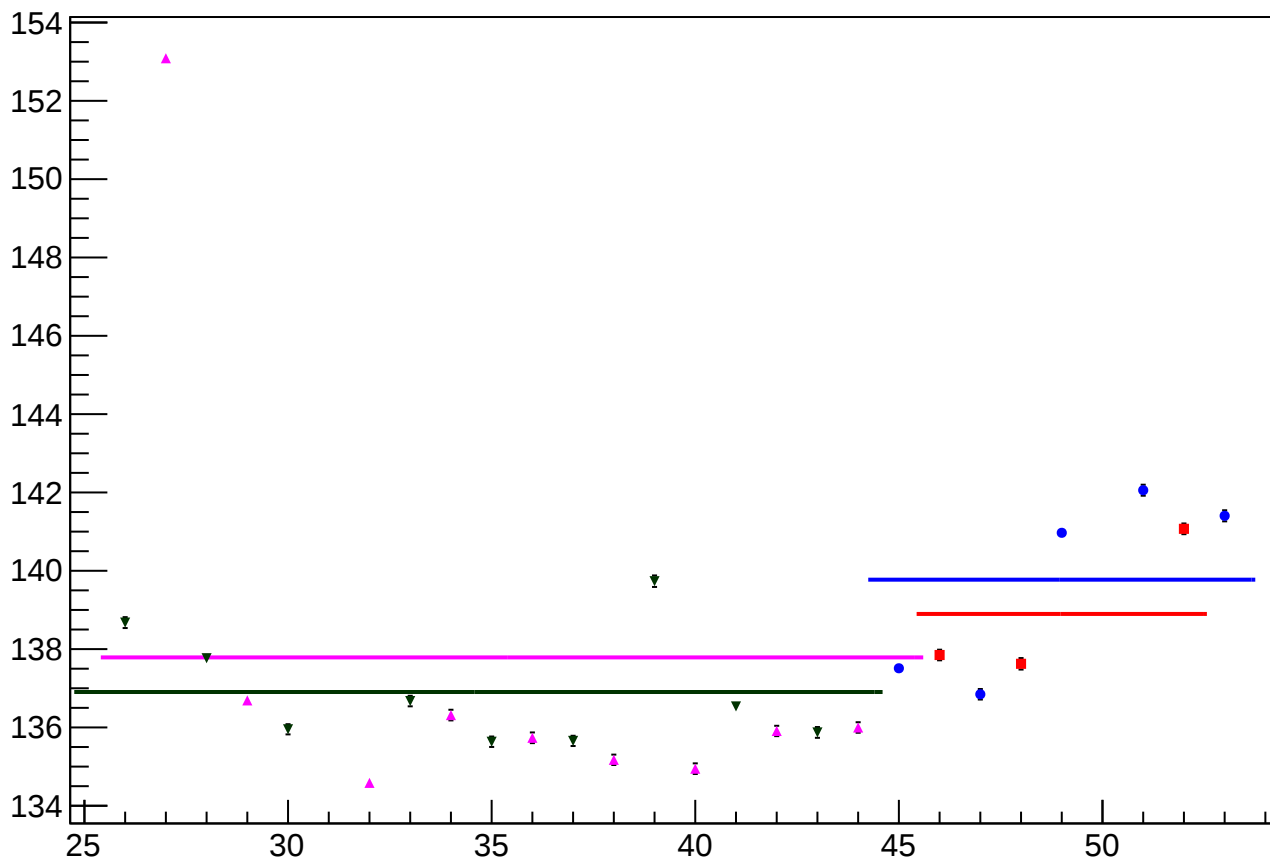
Right Out: -589.332 ± 114.031 χ^2/NDF : 2.1/2

Left In: -486.782 ± 58.008 χ^2/NDF : 23.2/8

393.993 ± 48.966 χ^2/NDF : 16.3/13

-507.865 ± 51.703 χ^2/NDF : 25.9/11

reg_asym_dsr_rms vs slug



Right In: 139.773+/-0.056 χ^2/NDF : 1337.4/4

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

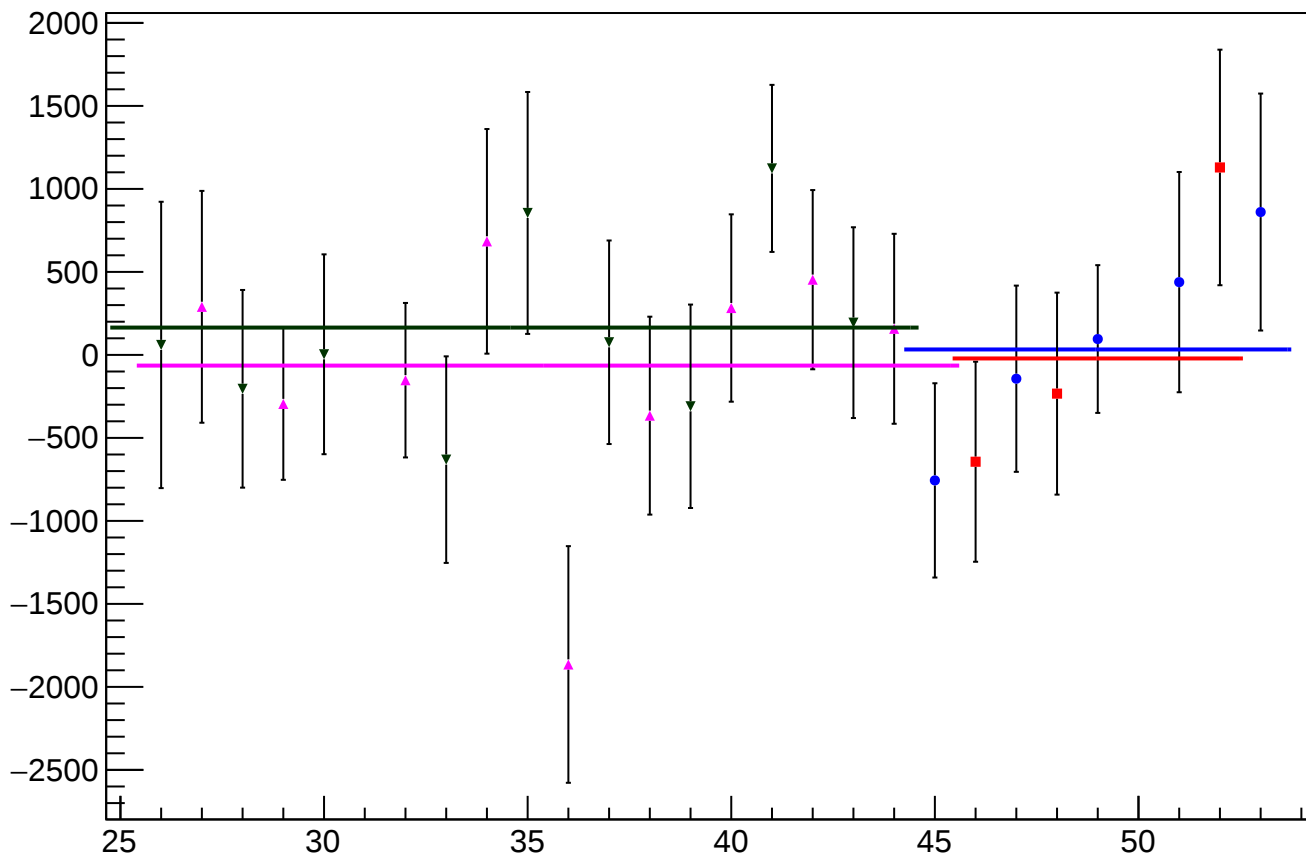
Right Out: 138.898+/-0.081 χ^2/NDF : 386.5/2

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

137.986+/-0.035 χ^2/NDF : 3843.0/13

138.016+/-0.037 χ^2/NDF : 20284.2/11

asym_dsr_correction_mean vs slug



Right In: 32.817+/-254.978 χ^2/NDF : 3.7/4

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

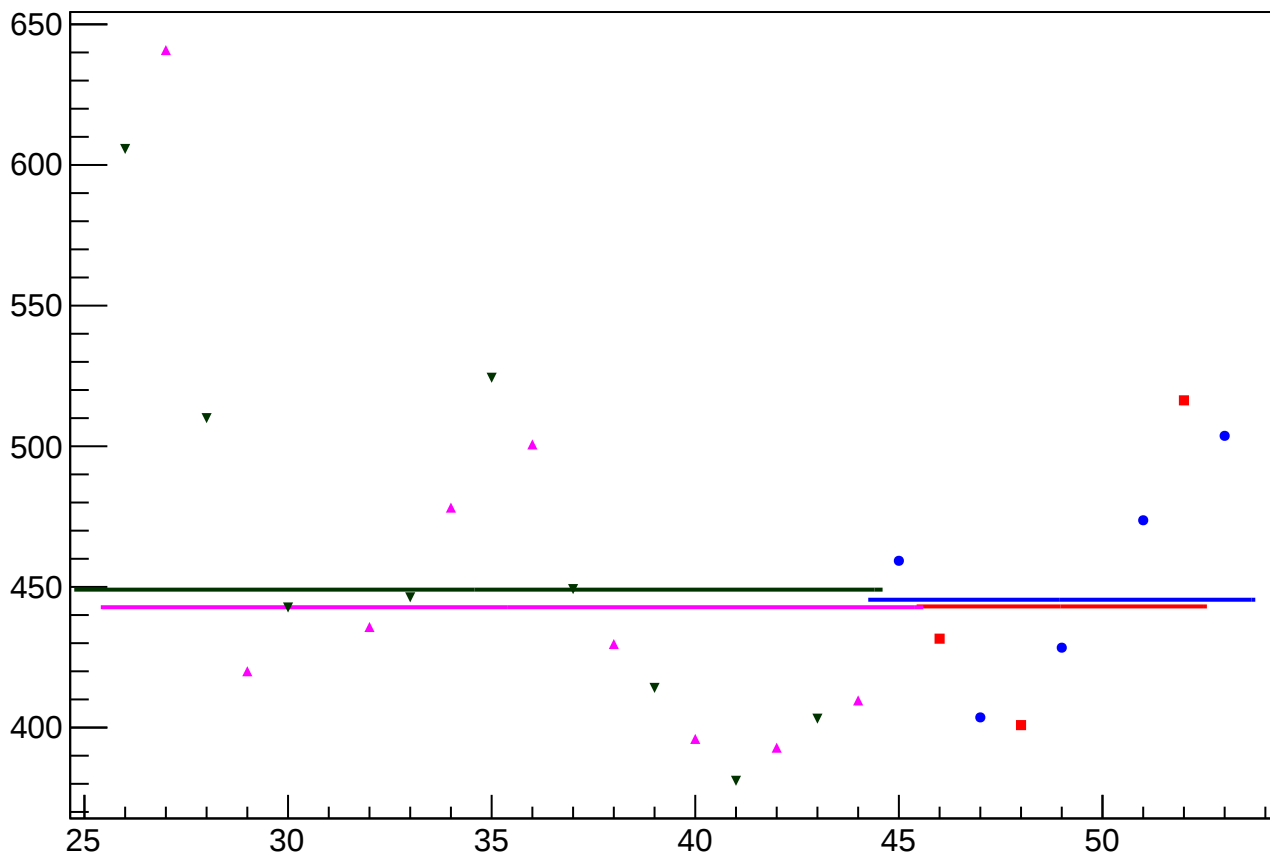
Right Out: -21.391+/-366.591 χ^2/NDF : 3.8/2

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

112.744+/-159.979 χ^2/NDF : 11.1/13

-55.352+/-167.876 χ^2/NDF : 13.7/11

asym_dsr_correction_rms vs slug



Right In: 445.444 ± 0.180 χ^2/NDF : 32129.4/4

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

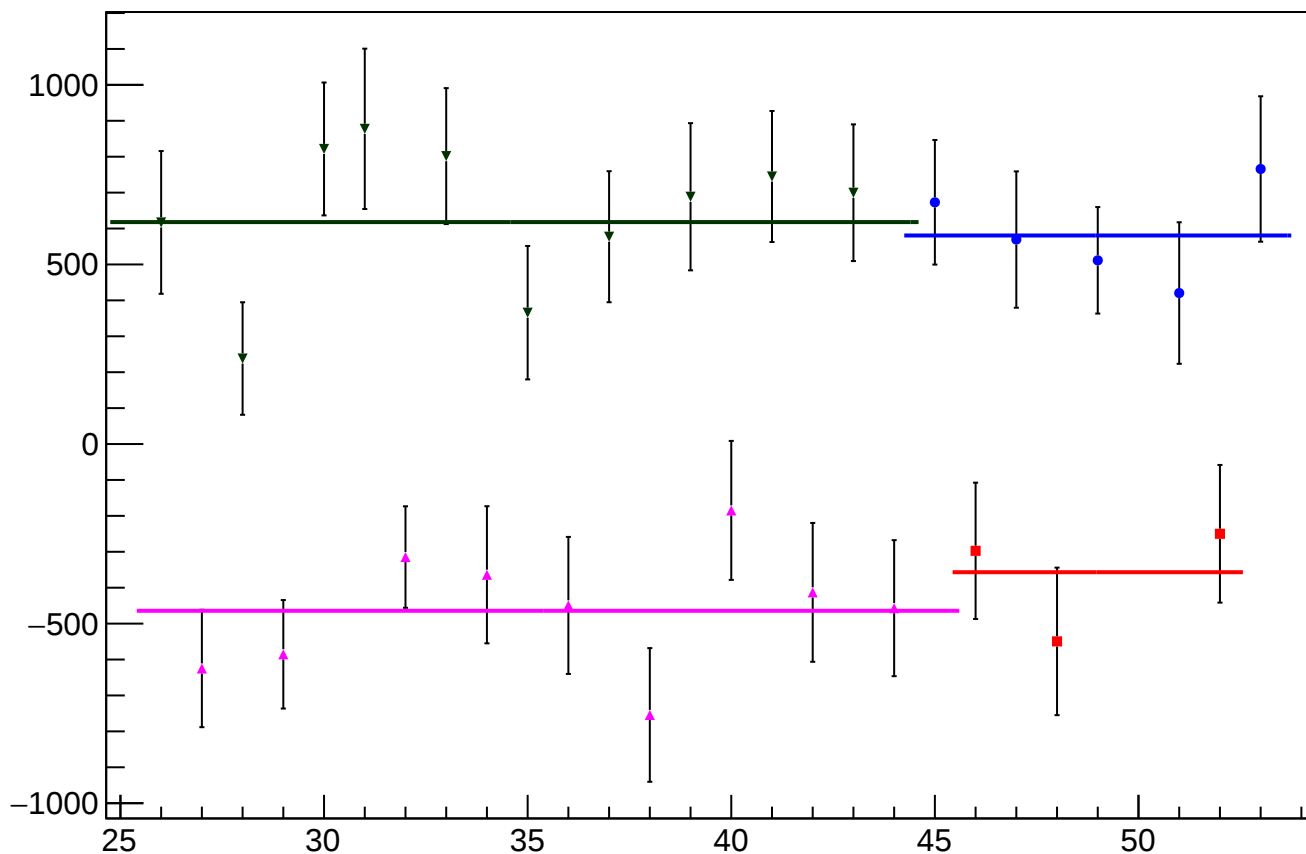
Right Out: 443.062 ± 0.259 χ^2/NDF : 31661.6/2

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

447.619 ± 0.113 χ^2/NDF : 196670.3/13

442.835 ± 0.119 χ^2/NDF : 255165.5/11

reg_asym_left_avg_mean vs slug



Right In: 580.656 $\pm$ 79.893 χ^2 /NDF: 2.0/4

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

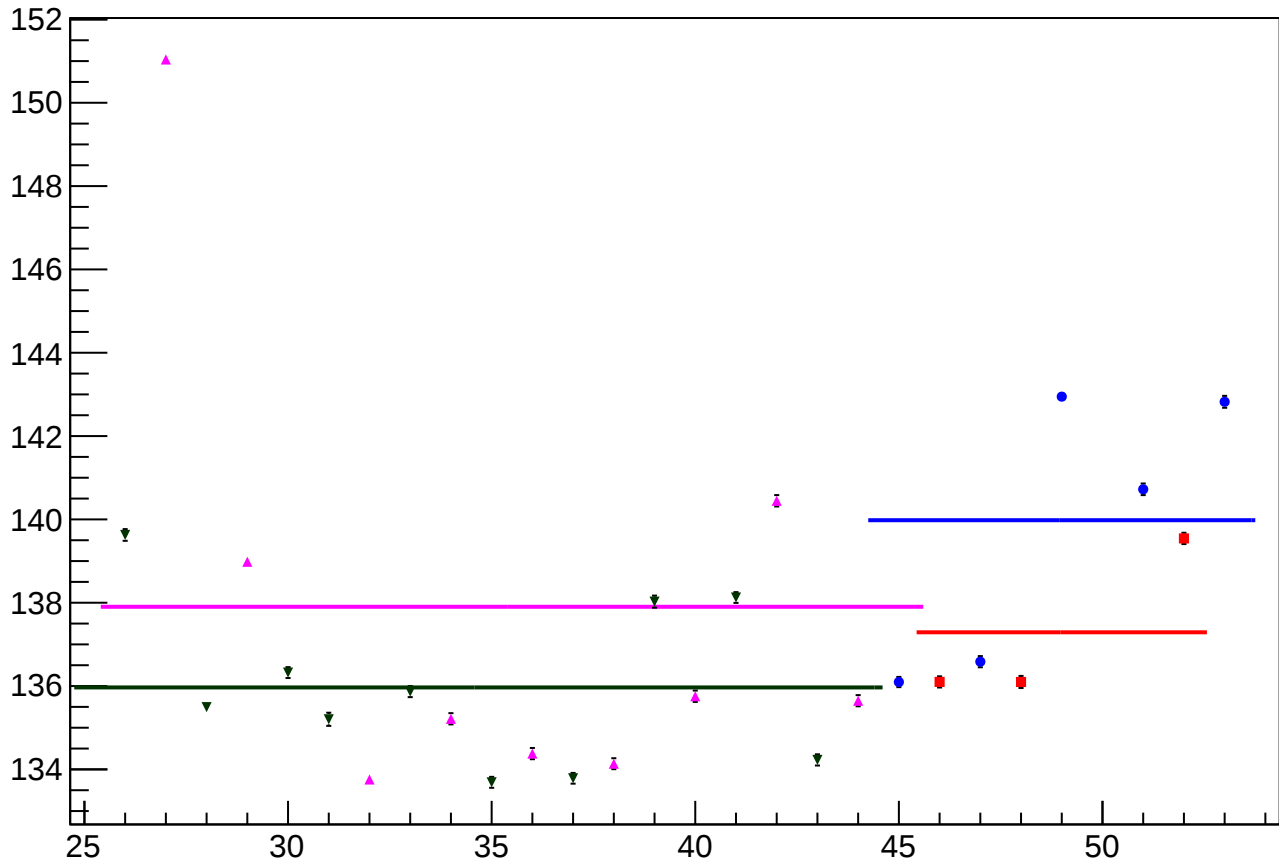
Right Out: -356.862 $\pm$ 112.723 χ^2 /NDF: 1.3/2

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

604.694 $\pm$ 47.649 χ^2 /NDF: 14.2/14

-441.735 $\pm$ 51.630 χ^2 /NDF: 9.6/11

reg_asym_left_avg_rms vs slug



Right In: 139.981+/-0.056 χ^2/NDF : 2866.0/4

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

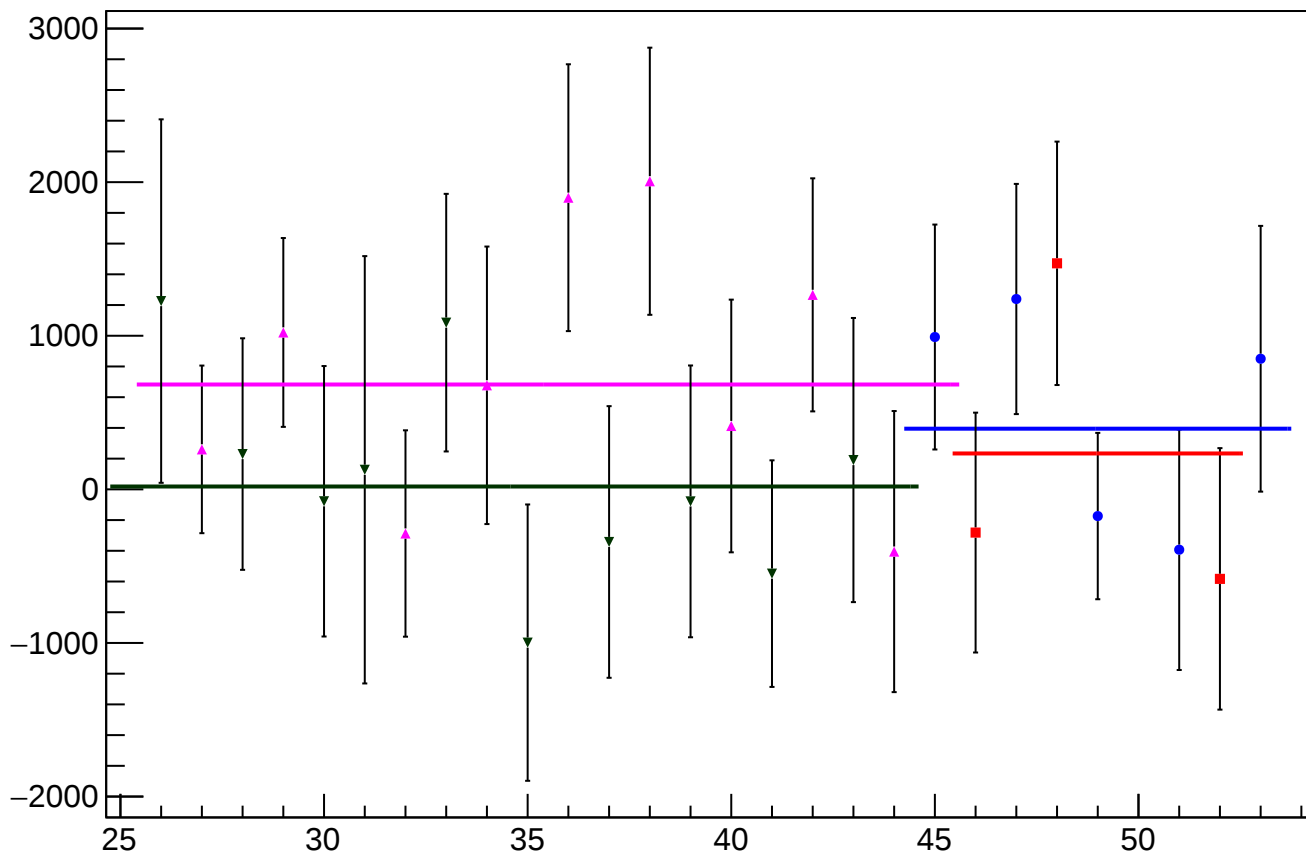
Right Out: 137.290+/-0.080 χ^2/NDF : 422.6/2

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

137.395+/-0.034 χ^2/NDF : 8081.3/14

137.774+/-0.037 χ^2/NDF : 17981.5/11

asym_left_avg_correction_mean vs slug



Right In: 394.967+/-315.848 χ^2/NDF : 4.3/4

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

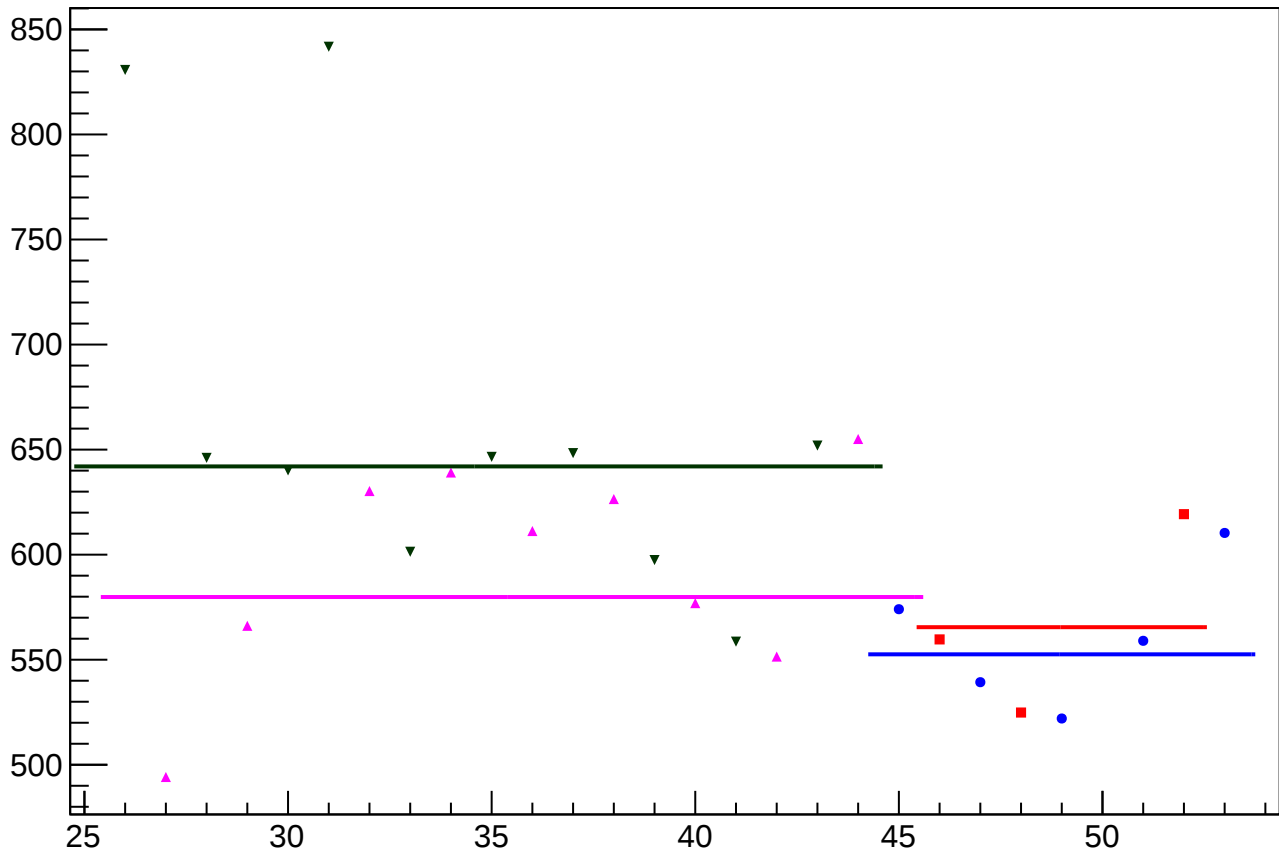
Right Out: 233.671+/-465.591 χ^2/NDF : 3.8/2

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

186.062+/-210.693 χ^2/NDF : 10.0/14

584.539+/-217.612 χ^2/NDF : 13.9/11

asym_left_avg_correction_rms vs slug



Right In: 552.563+/-0.223 χ^2/NDF : 17767.8/4

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

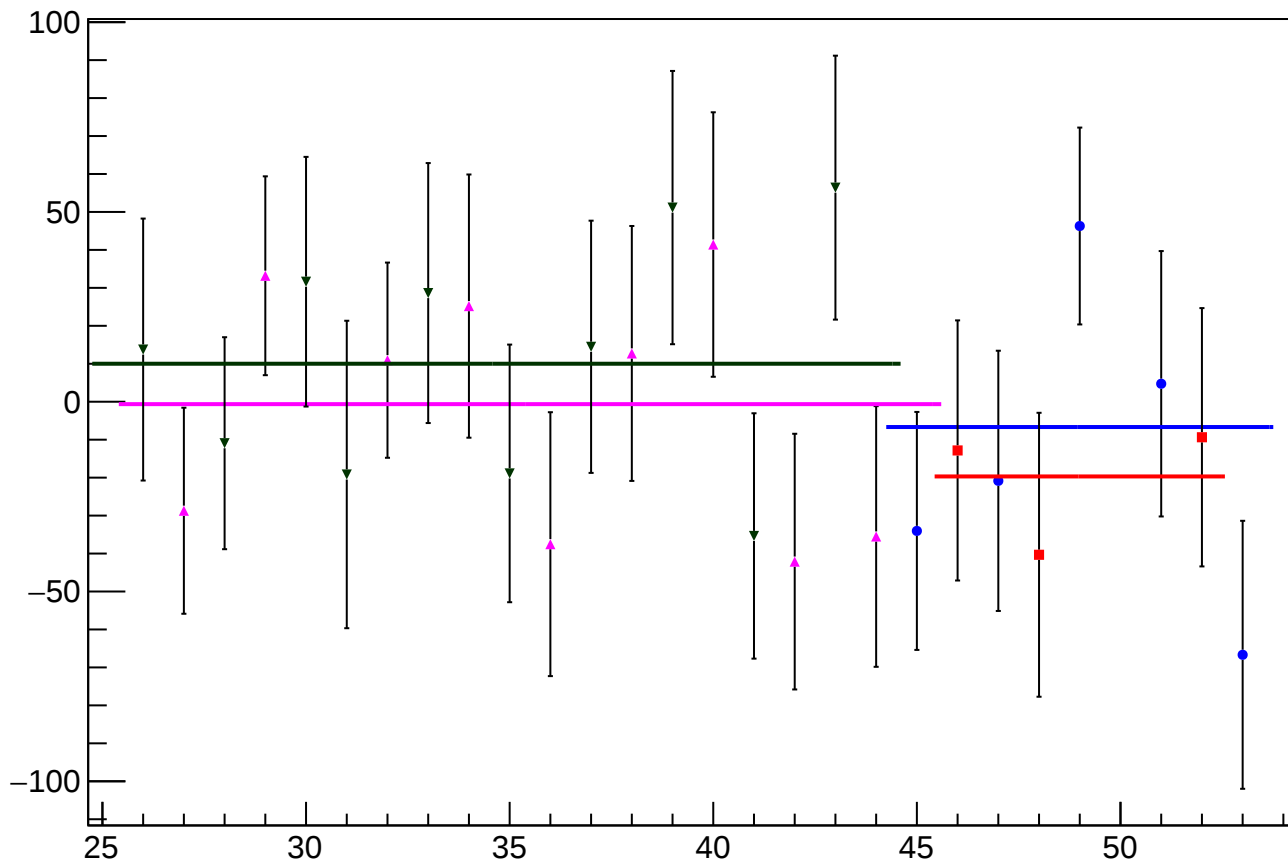
Right Out: 565.482+/-0.329 χ^2/NDF : 13357.3/2

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

602.203+/-0.149 χ^2/NDF : 234677.2/14

576.704+/-0.154 χ^2/NDF : 109720.3/11

reg_asym_left_dd_mean vs slug



Right In: -6.667 ± 14.176 χ^2/NDF : 8.1/4

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

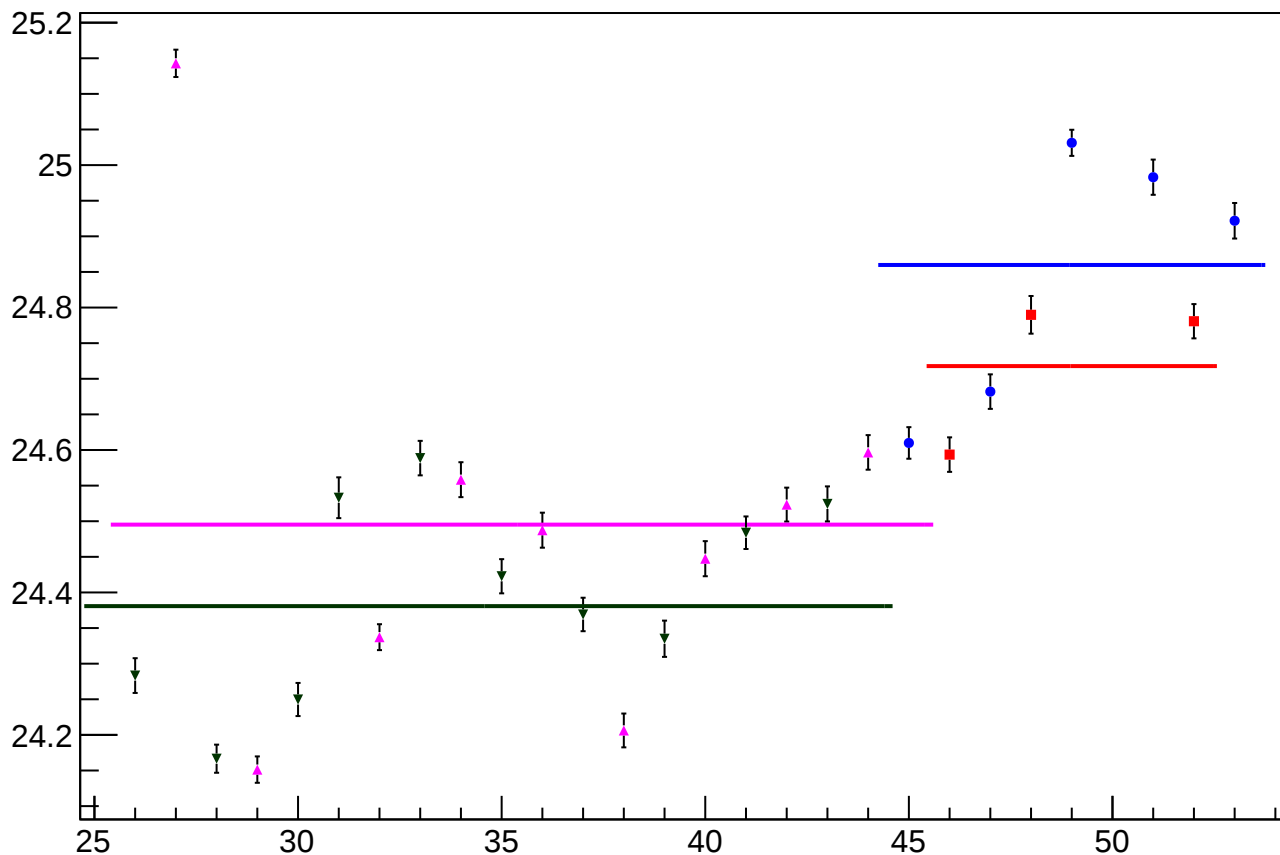
Right Out: -19.685 ± 20.286 χ^2/NDF : 0.4/2

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

4.003 ± 8.508 χ^2/NDF : 16.6/14

-4.541 ± 9.184 χ^2/NDF : 9.9/11

reg_asym_left_dd_rms vs slug



Right In: 24.860 $\pm$ 0.010 χ^2 /NDF: 299.4/4

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

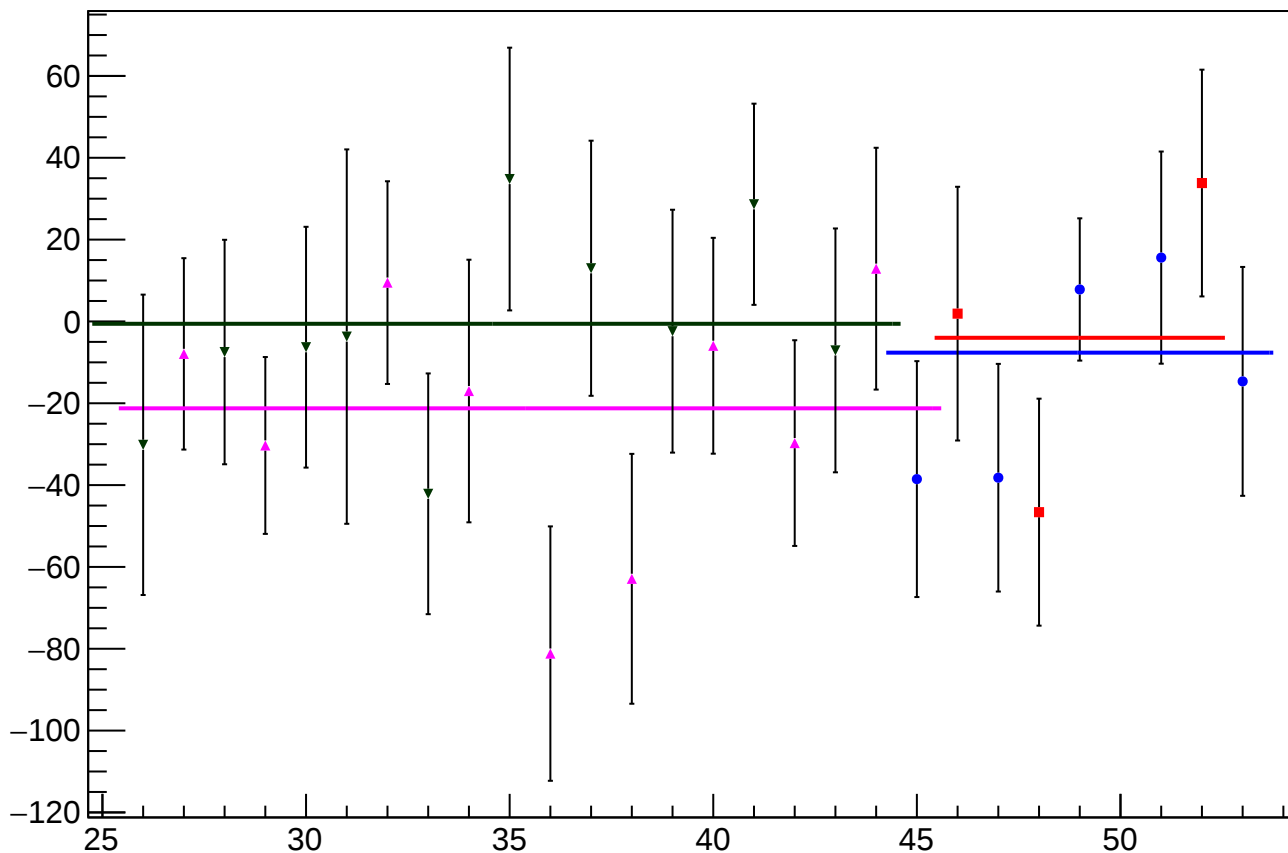
Right Out: 24.718 $\pm$ 0.014 χ^2 /NDF: 40.6/2

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

24.553 $\pm$ 0.006 χ^2 /NDF: 2088.6/14

24.541 $\pm$ 0.006 χ^2 /NDF: 1968.5/11

asym_left_dd_correction_mean vs slug



Right In: -7.631+/-10.803 χ^2/NDF : 4.0/4

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

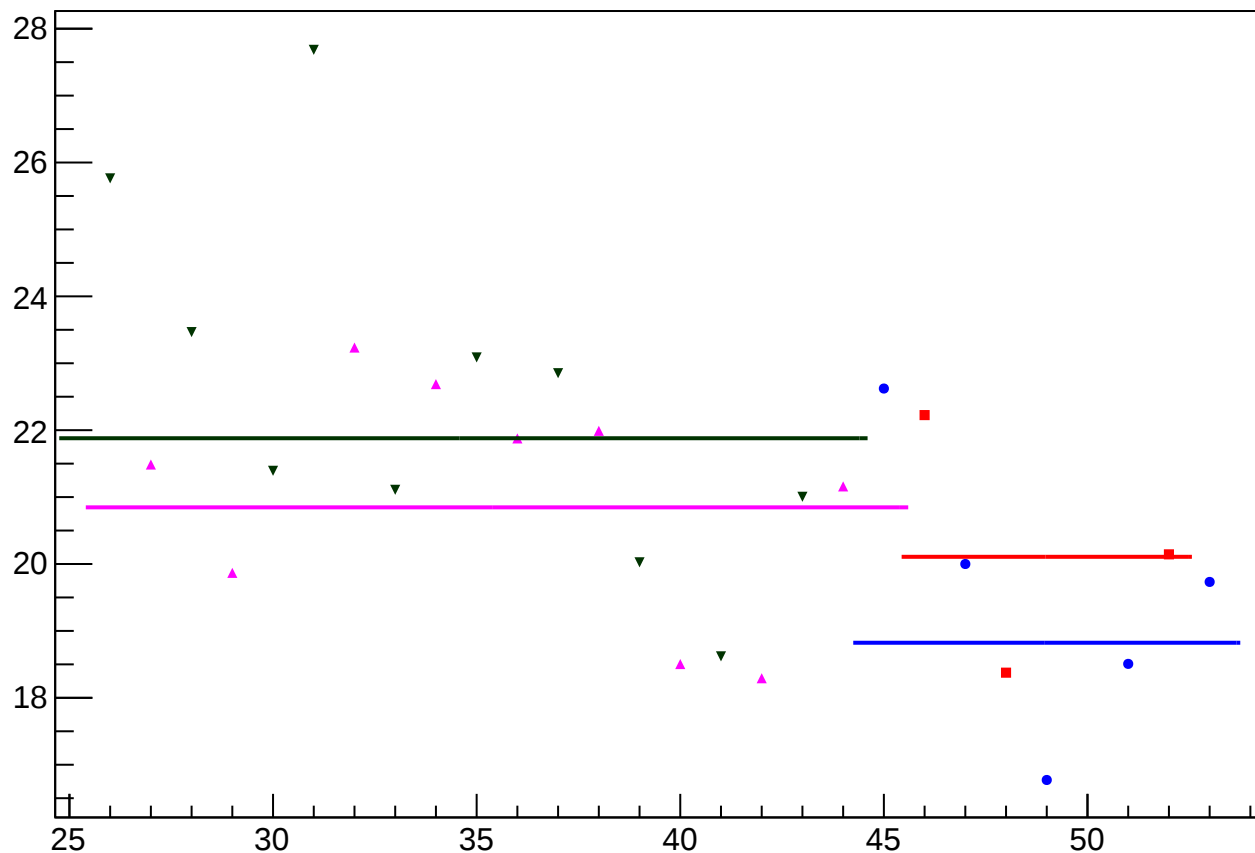
Right Out: -3.996+/-16.570 χ^2/NDF : 4.3/2

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

-3.701+/-7.190 χ^2/NDF : 9.9/14

-17.428+/-7.789 χ^2/NDF : 14.5/11

asym_left_dd_correction_rms vs slug



Right In: 18.823+/-0.008 χ^2/NDF : 68549.1/4

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

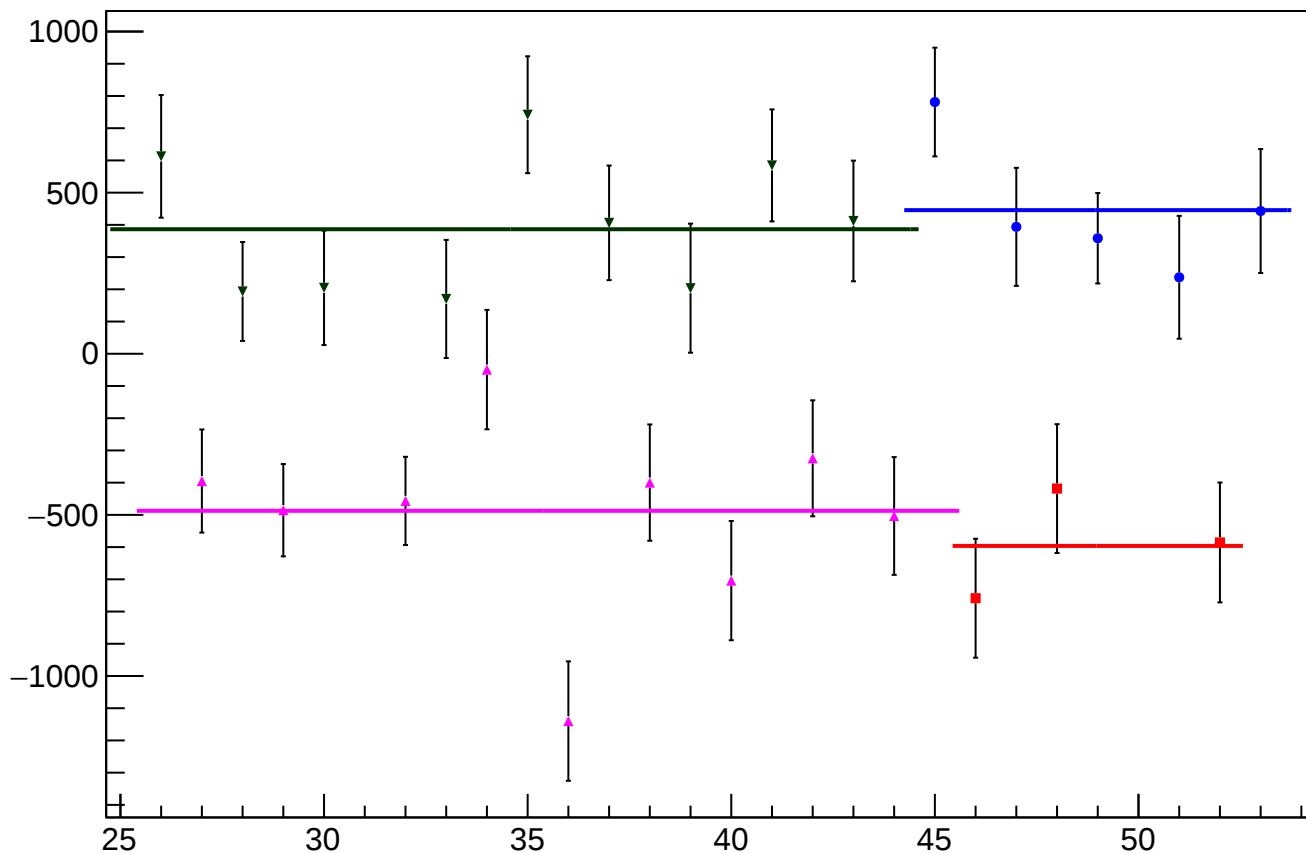
Right Out: 20.108+/-0.012 χ^2/NDF : 17129.1/2

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

20.526+/-0.005 χ^2/NDF : 270357.0/14

20.683+/-0.006 χ^2/NDF : 92635.0/11

reg_asym_right_avg_mean vs slug



Right In: 445.705 $\pm$ 76.629 χ^2 /NDF: 5.6/4

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

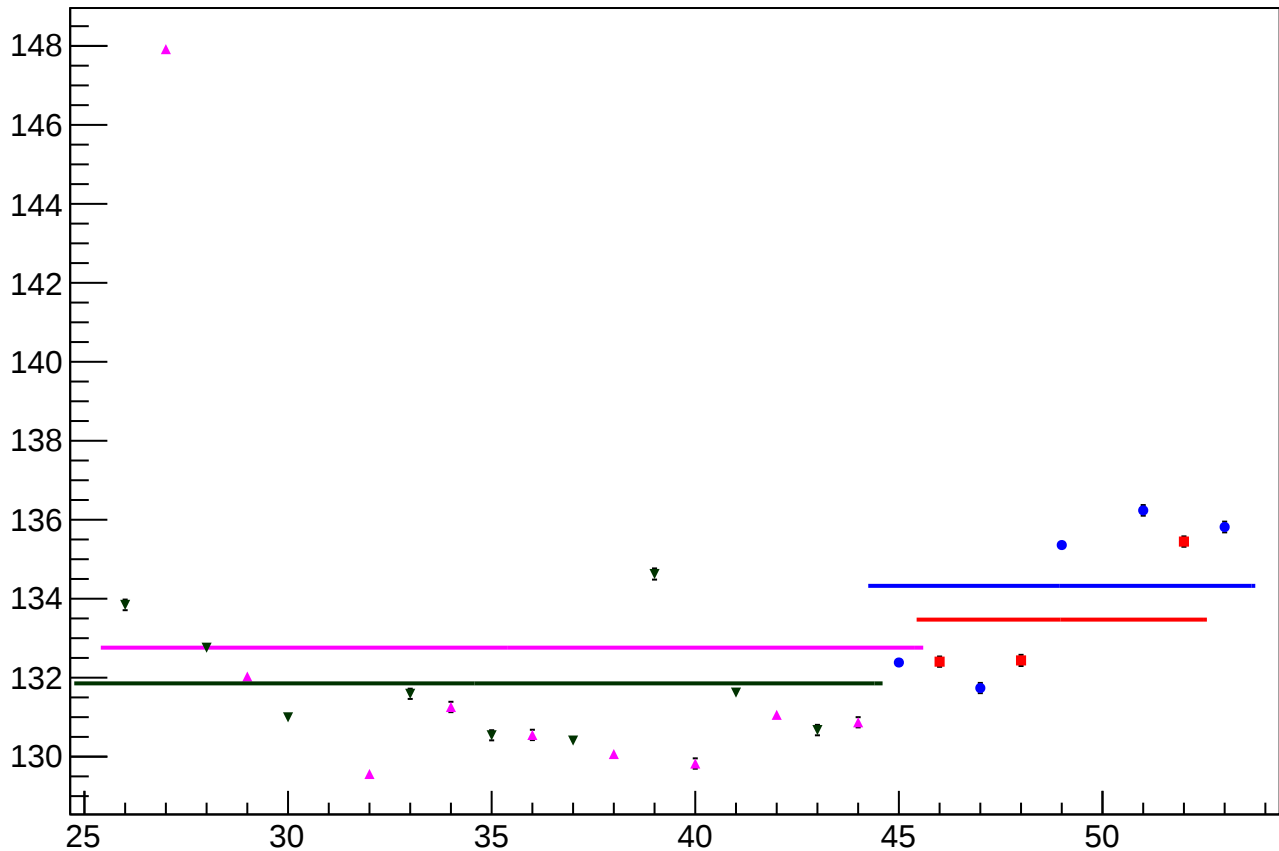
Right Out: -596.320 $\pm$ 109.568 χ^2 /NDF: 1.6/2

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

408.867 $\pm$ 47.118 χ^2 /NDF: 17.4/13

-509.855 $\pm$ 49.791 χ^2 /NDF: 23.2/11

reg_asym_right_avg_rms vs slug



Right In: 134.326 ± 0.054 χ^2/NDF : 1094.0/4

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

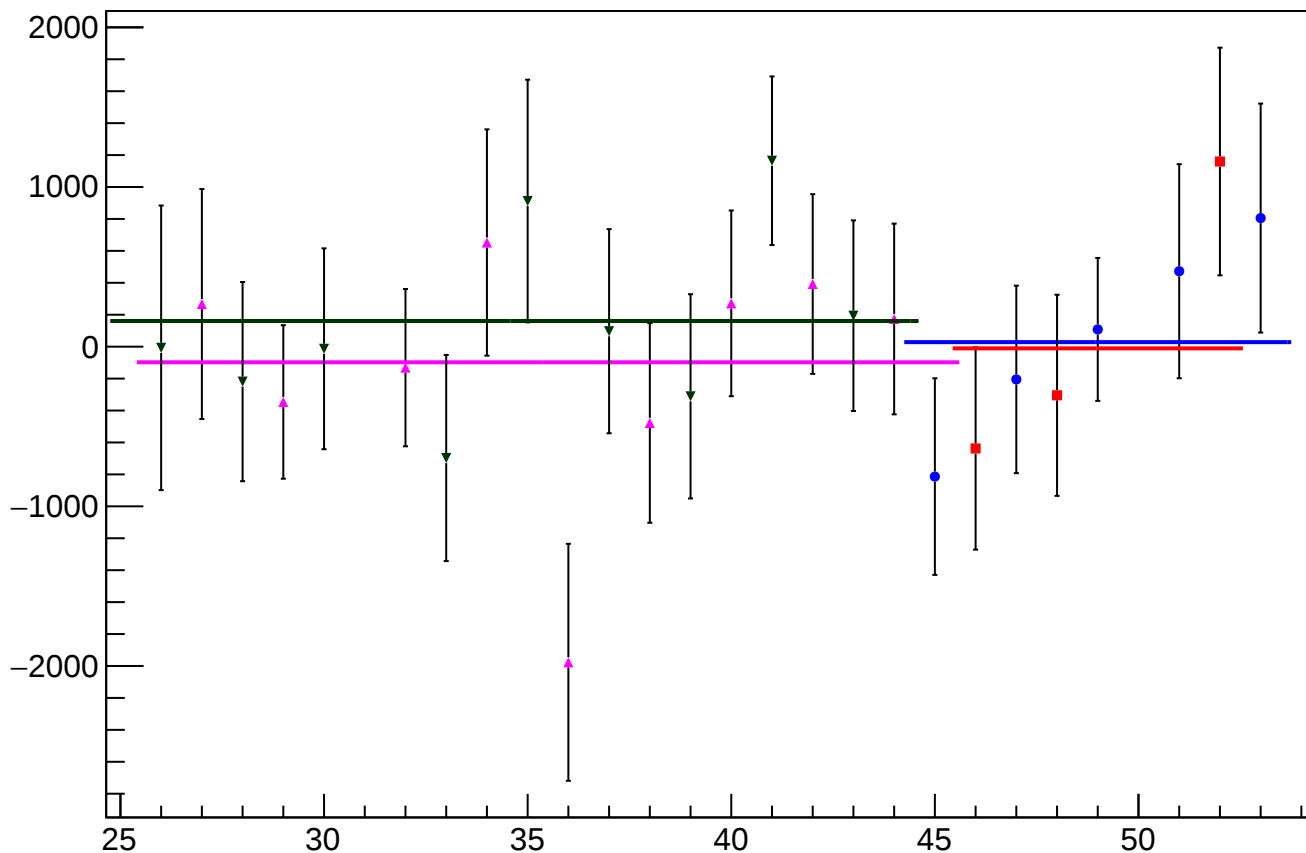
Right Out: 133.470 ± 0.077 χ^2/NDF : 345.9/2

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

132.789 ± 0.033 χ^2/NDF : 3428.9/13

132.907 ± 0.035 χ^2/NDF : 21260.4/11

asym_right_avg_correction_mean vs slug



Right In: 28.333+/-260.819 χ^2/NDF : 3.7/4

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

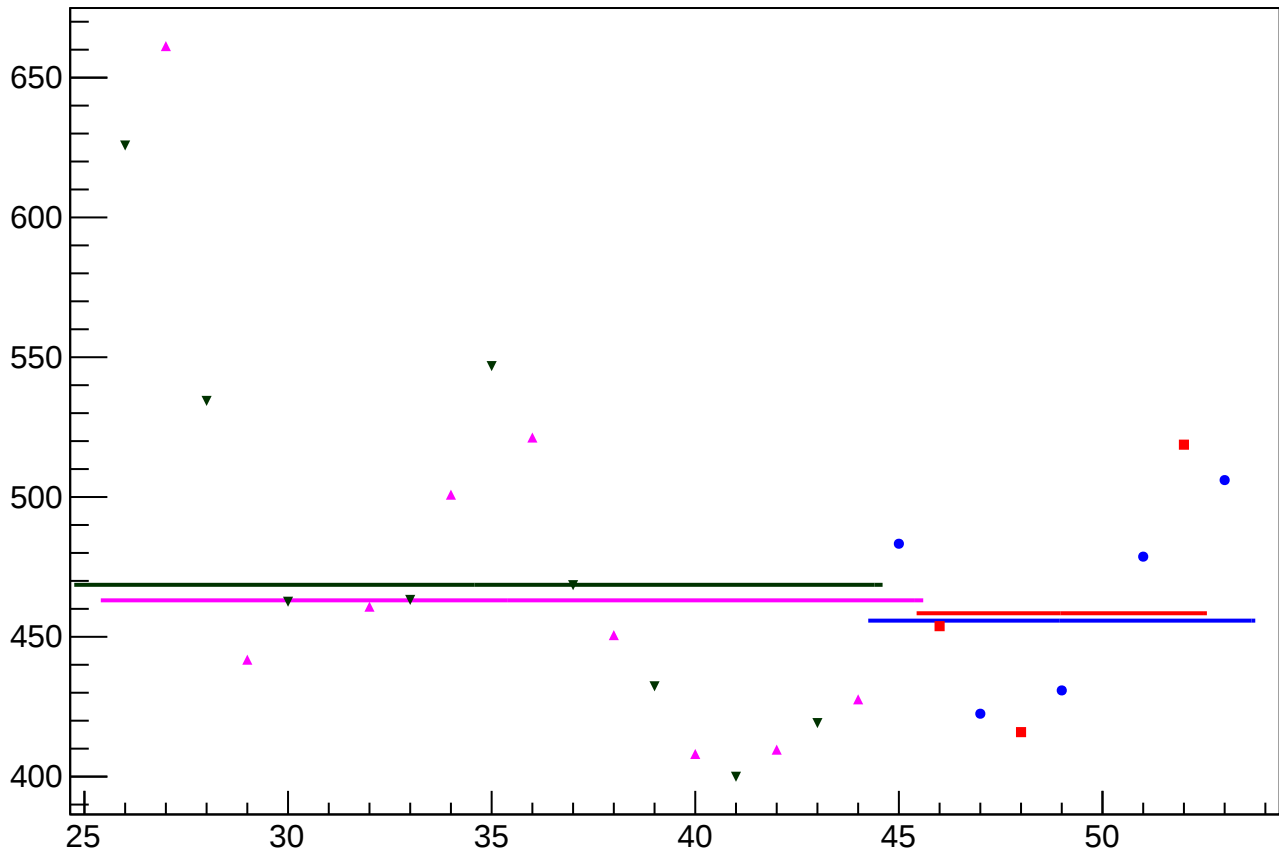
Right Out: -10.677+/-378.547 χ^2/NDF : 3.9/2

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

107.342+/-165.596 χ^2/NDF : 11.2/13

-79.244+/-175.046 χ^2/NDF : 13.7/11

asym_right_avg_correction_rms vs slug



Right In: 455.788+/-0.184 χ^2/NDF : 28799.5/4

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

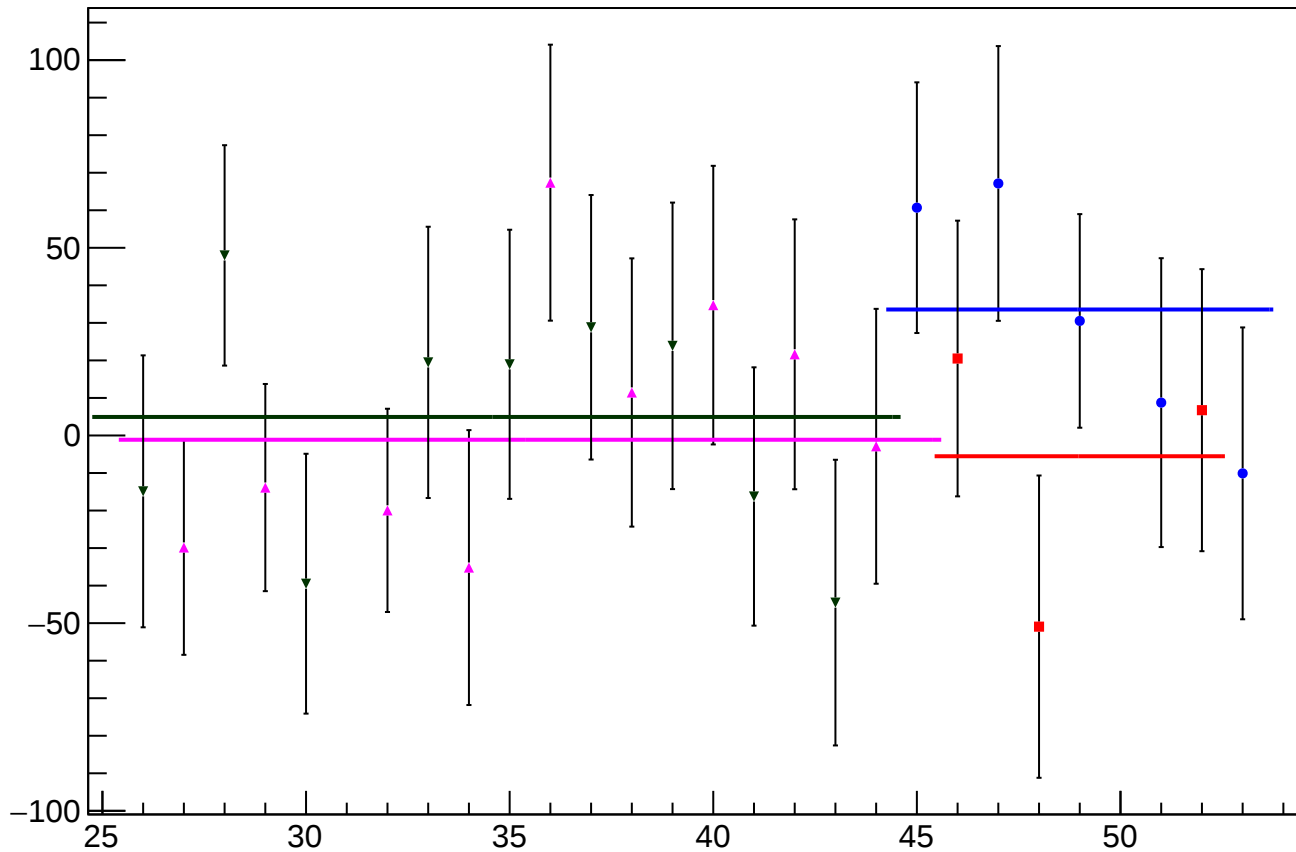
Right Out: 458.423+/-0.268 χ^2/NDF : 23521.3/2

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

463.435+/-0.117 χ^2/NDF : 191550.9/13

462.056+/-0.124 χ^2/NDF : 240900.1/11

reg_asym_right_dd_mean vs slug



Right In: 33.563 ± 15.402 $\chi^2/\text{NDF}: 3.2/4$

Left Out: 4.935 ± 11.682 $\chi^2/\text{NDF}: 7.2/8$

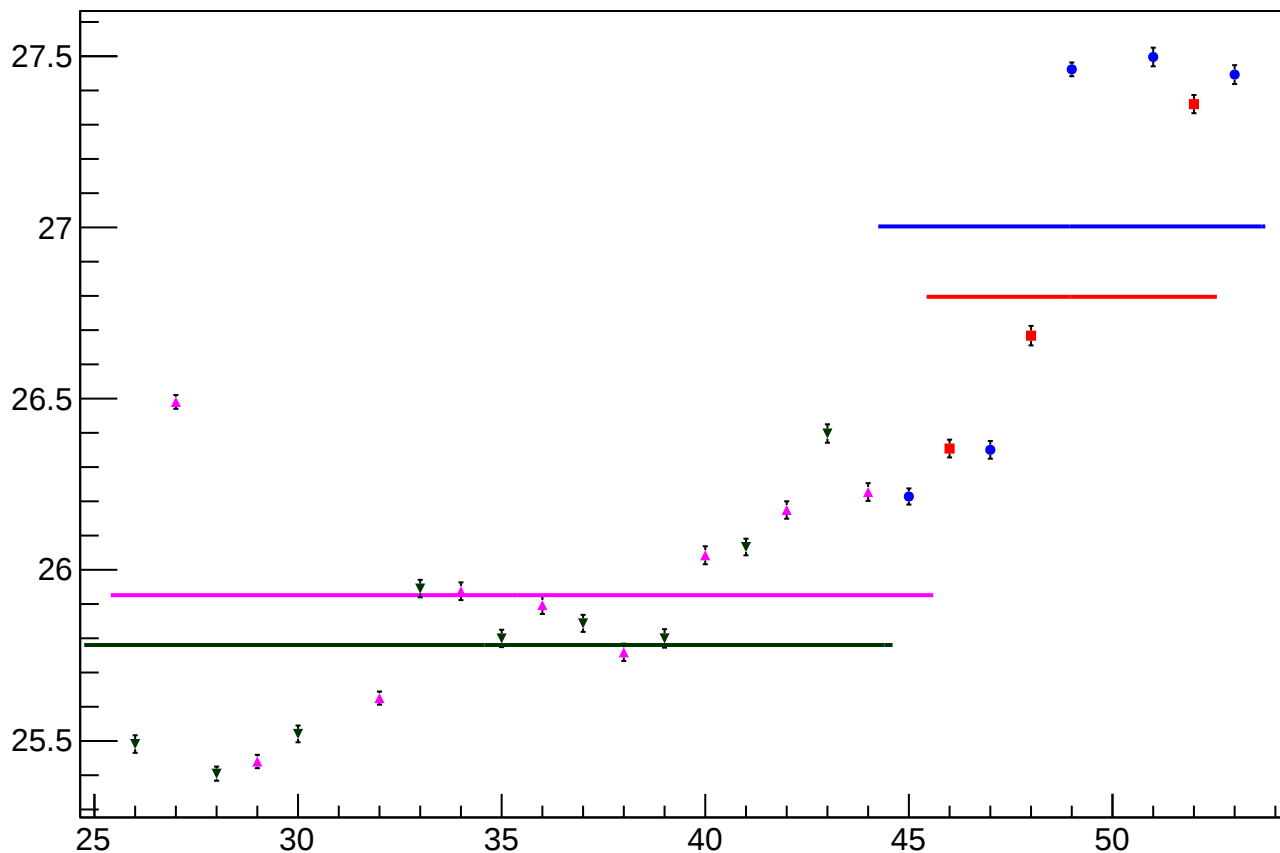
Right Out: -5.533 ± 21.998 $\chi^2/\text{NDF}: 1.9/2$

Left In: -1.137 ± 10.902 $\chi^2/\text{NDF}: 7.5/8$

15.389 ± 9.308 $\chi^2/\text{NDF}: 12.6/13$

-2.004 ± 9.768 $\chi^2/\text{NDF}: 9.4/11$

reg_asym_right_dd_rms vs slug



Right In: 27.003 ± 0.011 χ^2/NDF : 2862.7/4

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

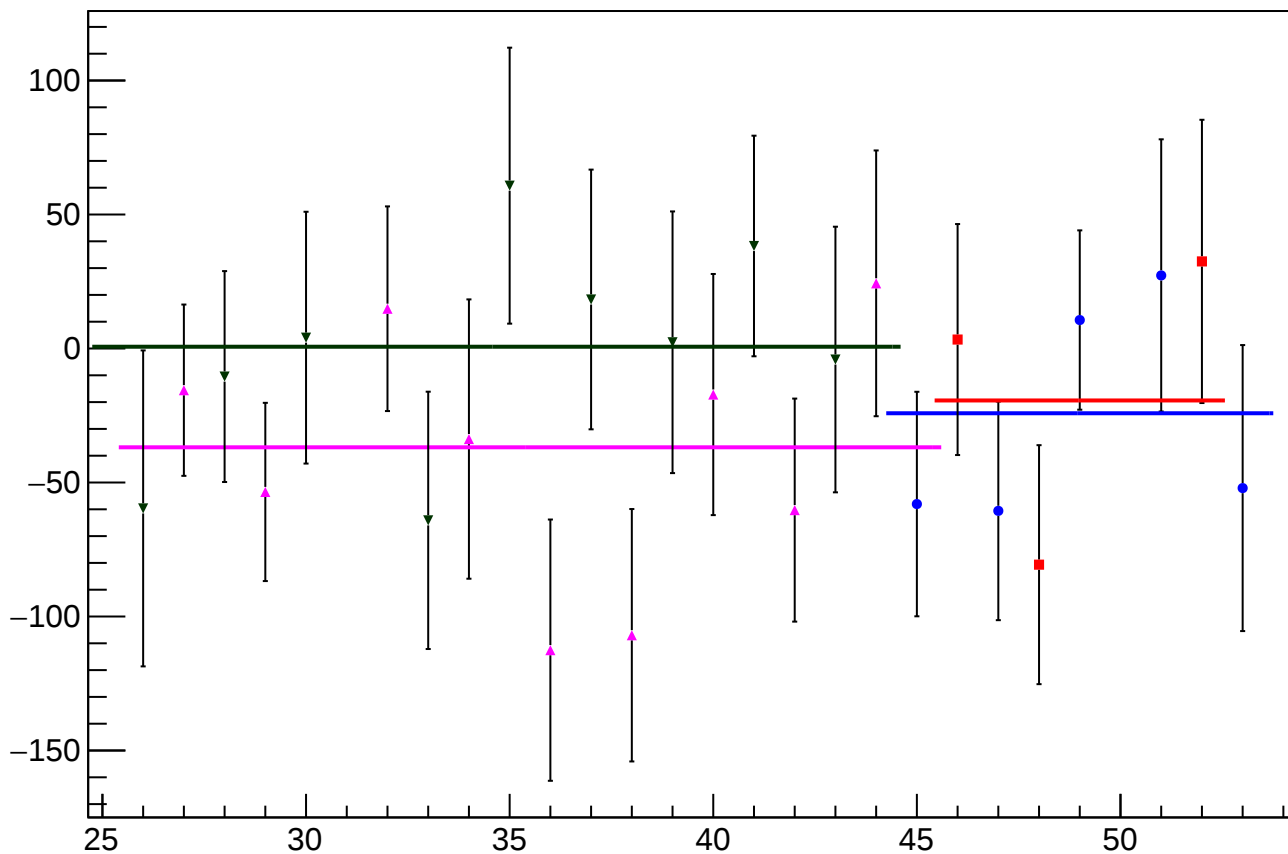
Right Out: 26.797 ± 0.016 χ^2/NDF : 755.9/2

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

26.227 ± 0.007 χ^2/NDF : 12142.3/13

26.098 ± 0.007 χ^2/NDF : 5216.9/11

asym_right_dd_correction_mean vs slug



Right In: -24.158 $\pm$ 18.887 χ^2 /NDF: 3.8/4

Left Out: 0.666 $\pm$ 15.731 χ^2 /NDF:5.3/8

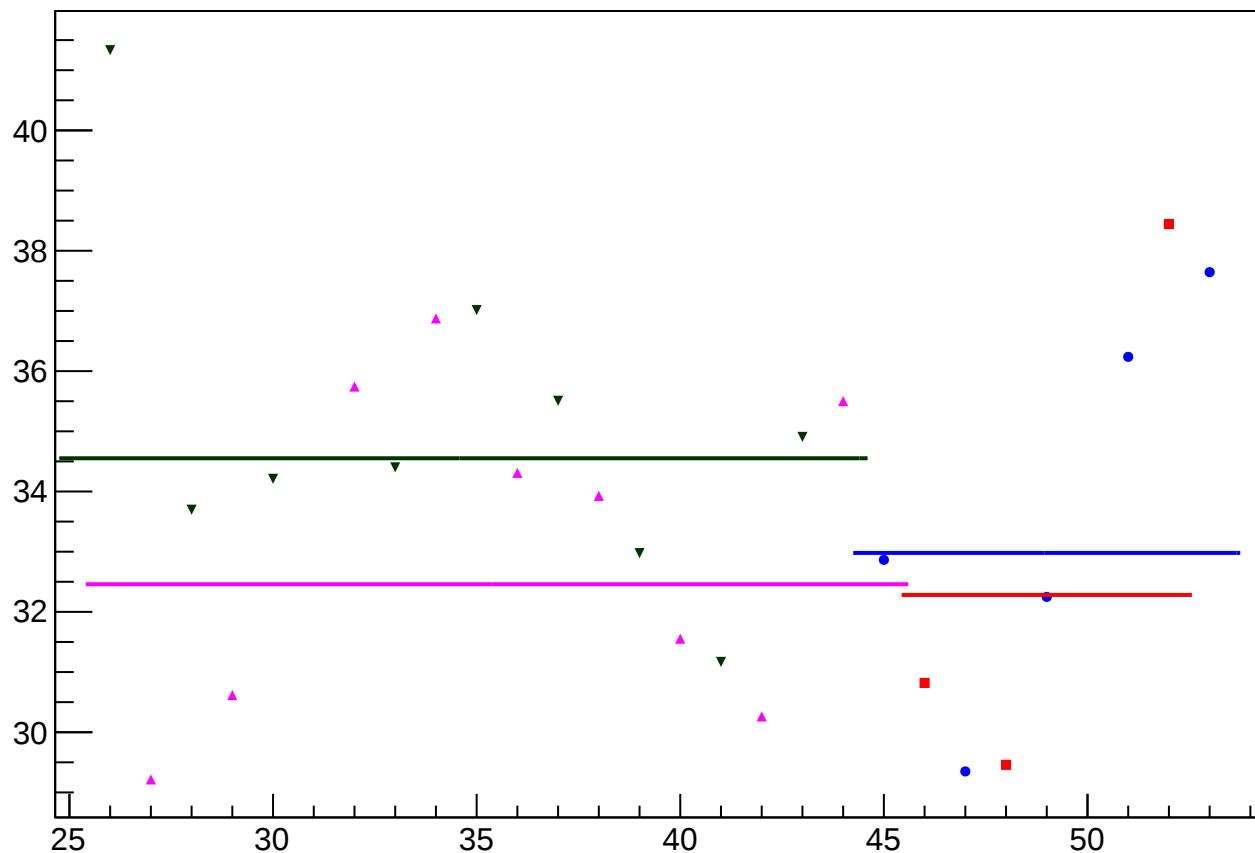
Right Out: -19.384 $\pm$ 26.731 χ^2 /NDF: 3.1/2

Left In: -36.865 $\pm$ 13.752 χ^2 /NDF:9.2/8

-9.502 $\pm$ 12.088 χ^2 /NDF: 10.1/13

-33.206 $\pm$ 12.229 χ^2 /NDF: 12.7/11

asym_right_dd_correction_rms vs slug



Right In: 32.980+/-0.013 χ^2/NDF : 40335.5/4

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

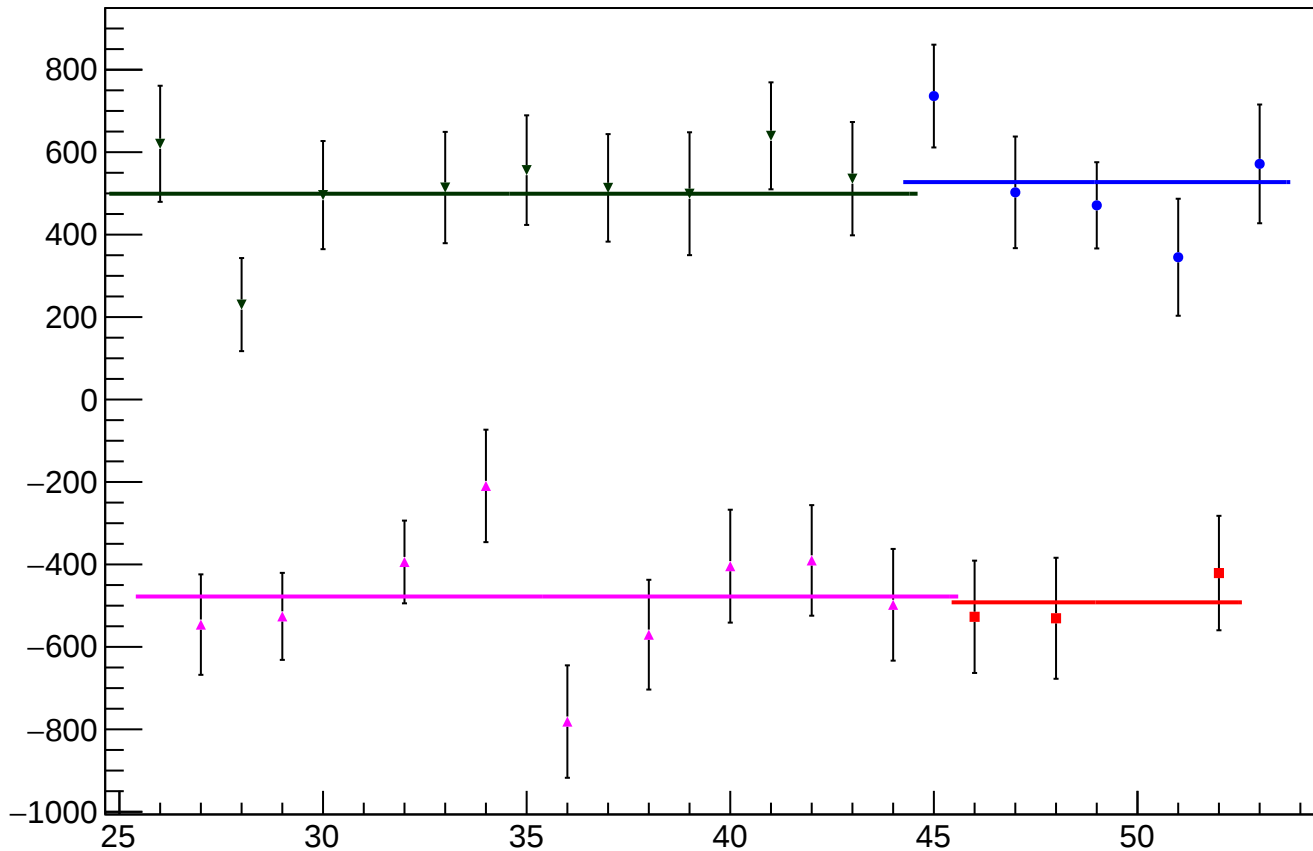
Right Out: 32.281+/-0.019 χ^2/NDF : 37520.6/2

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

33.908+/-0.009 χ^2/NDF : 97104.8/13

32.422+/-0.009 χ^2/NDF : 112224.5/11

reg_asym_us_avg_mean vs slug



Right In: 527.420 $\pm$ 56.965 χ^2/NDF : 4.9/4

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

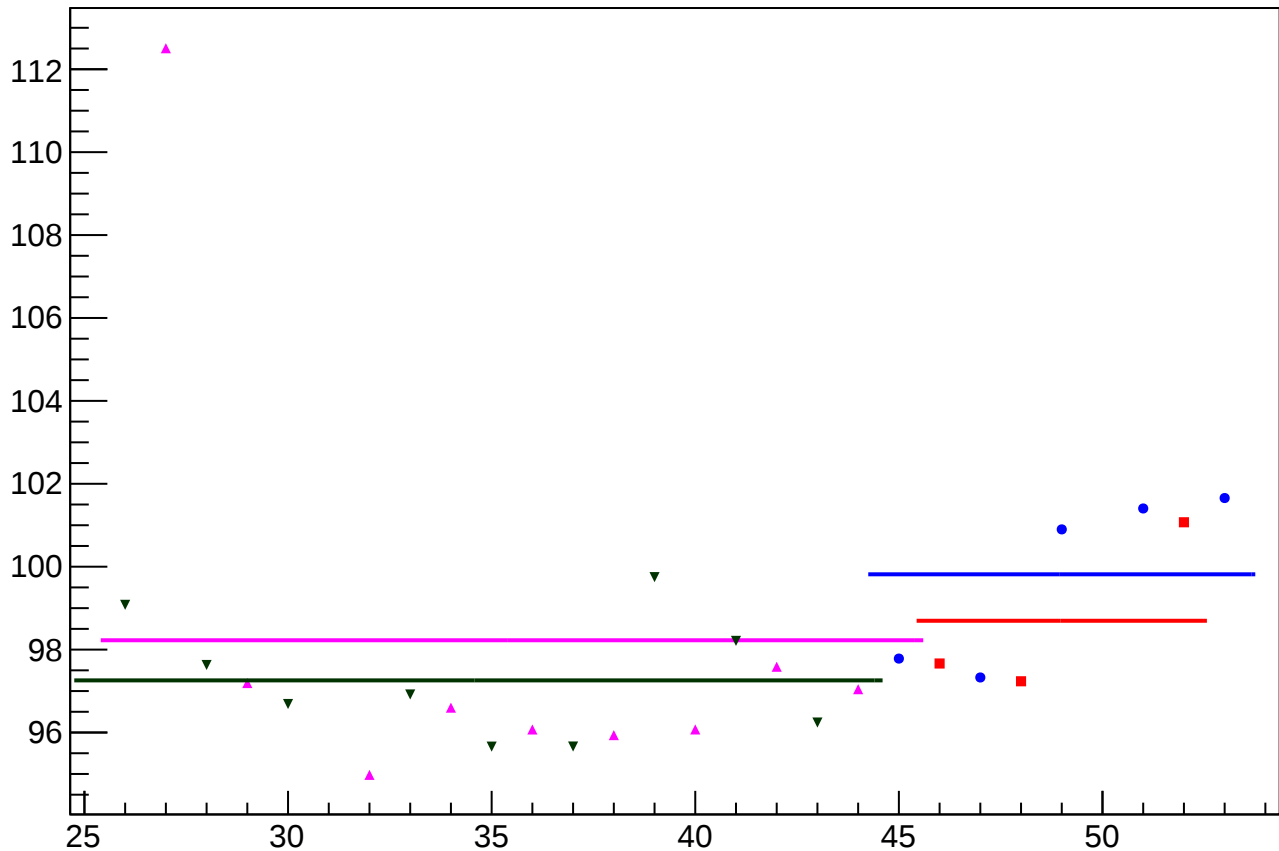
Right Out: -491.929 $\pm$ 81.057 χ^2/NDF : 0.4/2

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

509.772 $\pm$ 34.861 χ^2/NDF : 12.9/13

-480.727 $\pm$ 36.862 χ^2/NDF : 11.7/11

reg_asym_us_avg_rms vs slug



Right In: 99.816+/-0.040 χ^2/NDF : 1999.3/4

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

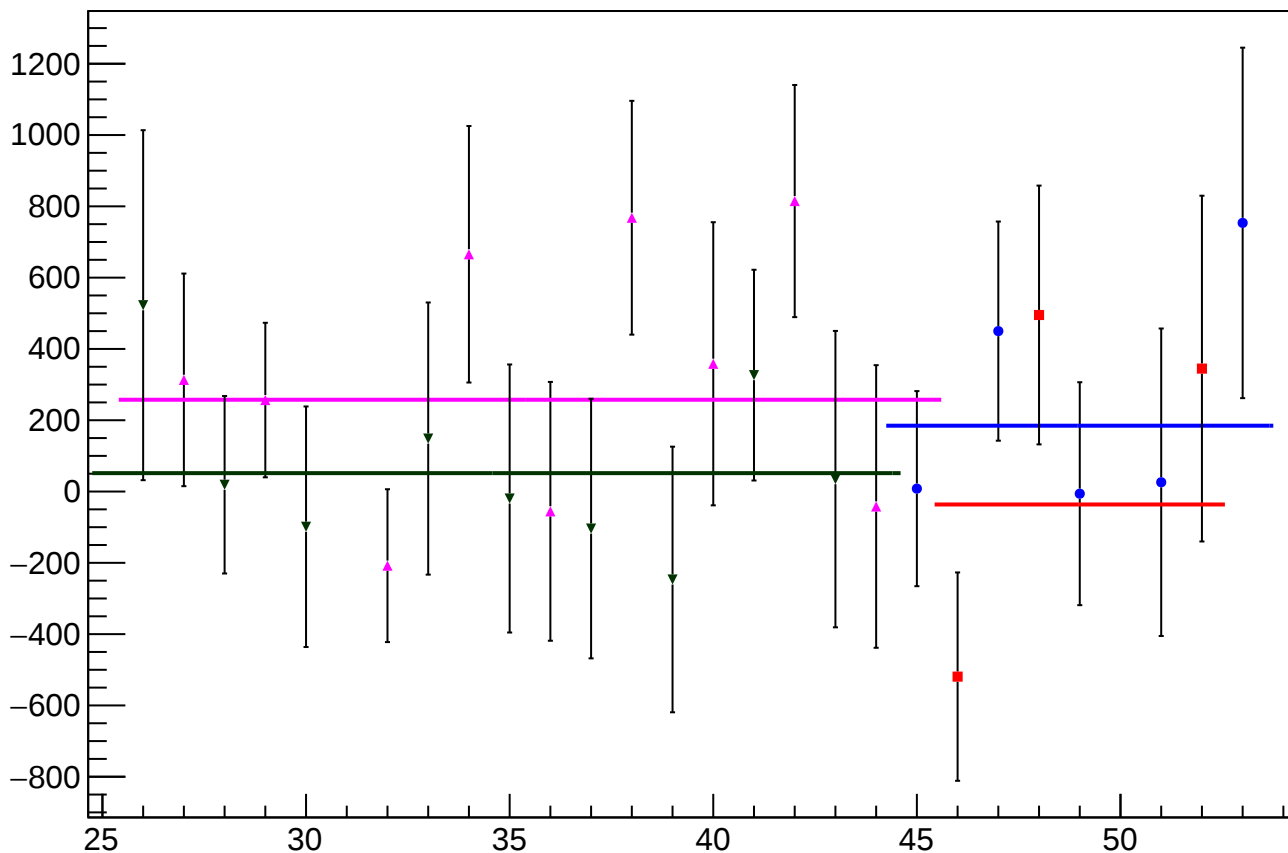
Right Out: 98.696+/-0.057 χ^2/NDF : 898.3/2

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

98.216+/-0.025 χ^2/NDF : 6295.2/13

98.323+/-0.026 χ^2/NDF : 32769.1/11

asym_us_avg_correction_mean vs slug



Right In: 184.694+/-151.300 χ^2/NDF : 3.0/4

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

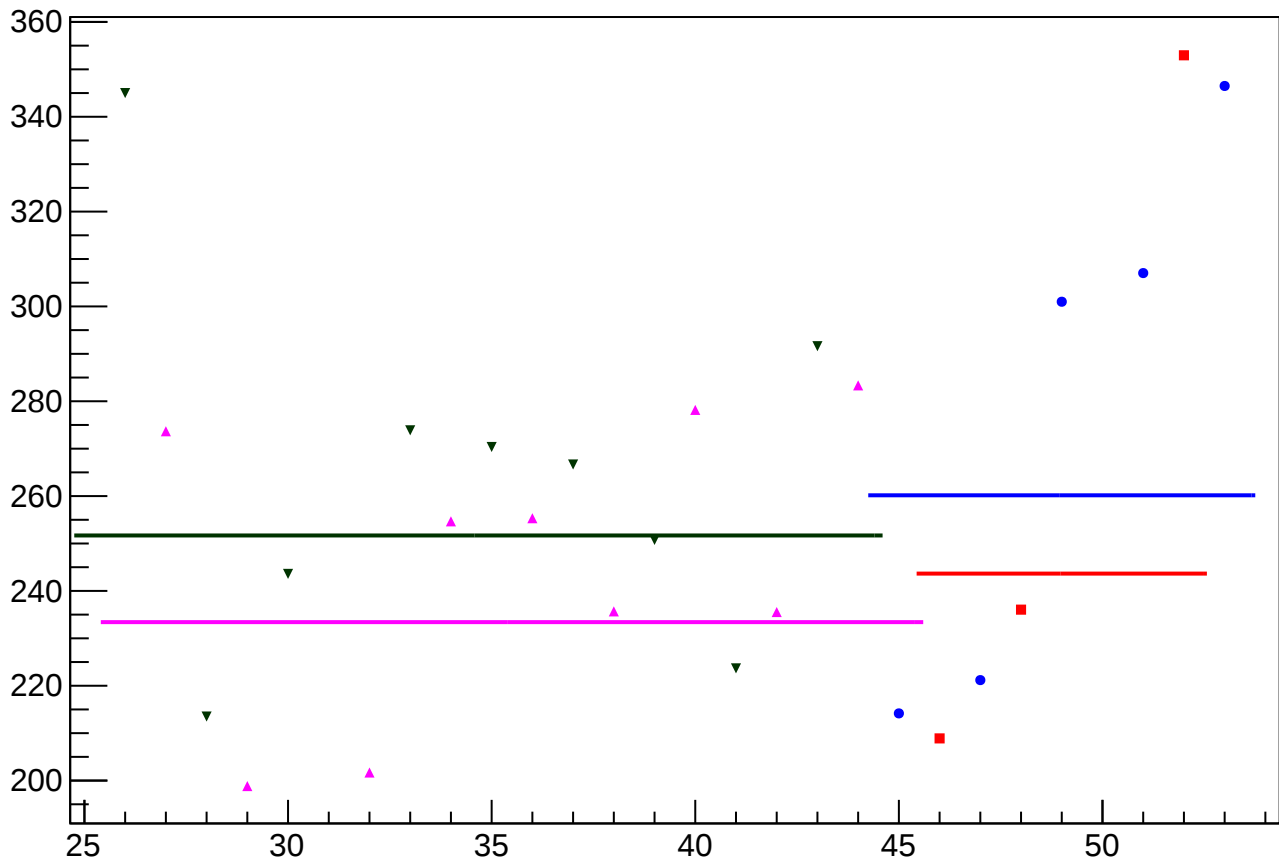
Right Out: -36.310+/-206.041 χ^2/NDF : 5.5/2

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

100.594+/-91.793 χ^2/NDF : 6.4/13

201.935+/-89.585 χ^2/NDF : 19.9/11

asym_us_avg_correction_rms vs slug



Right In: 260.166+/-0.107 χ^2/NDF : 208078.3/4

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

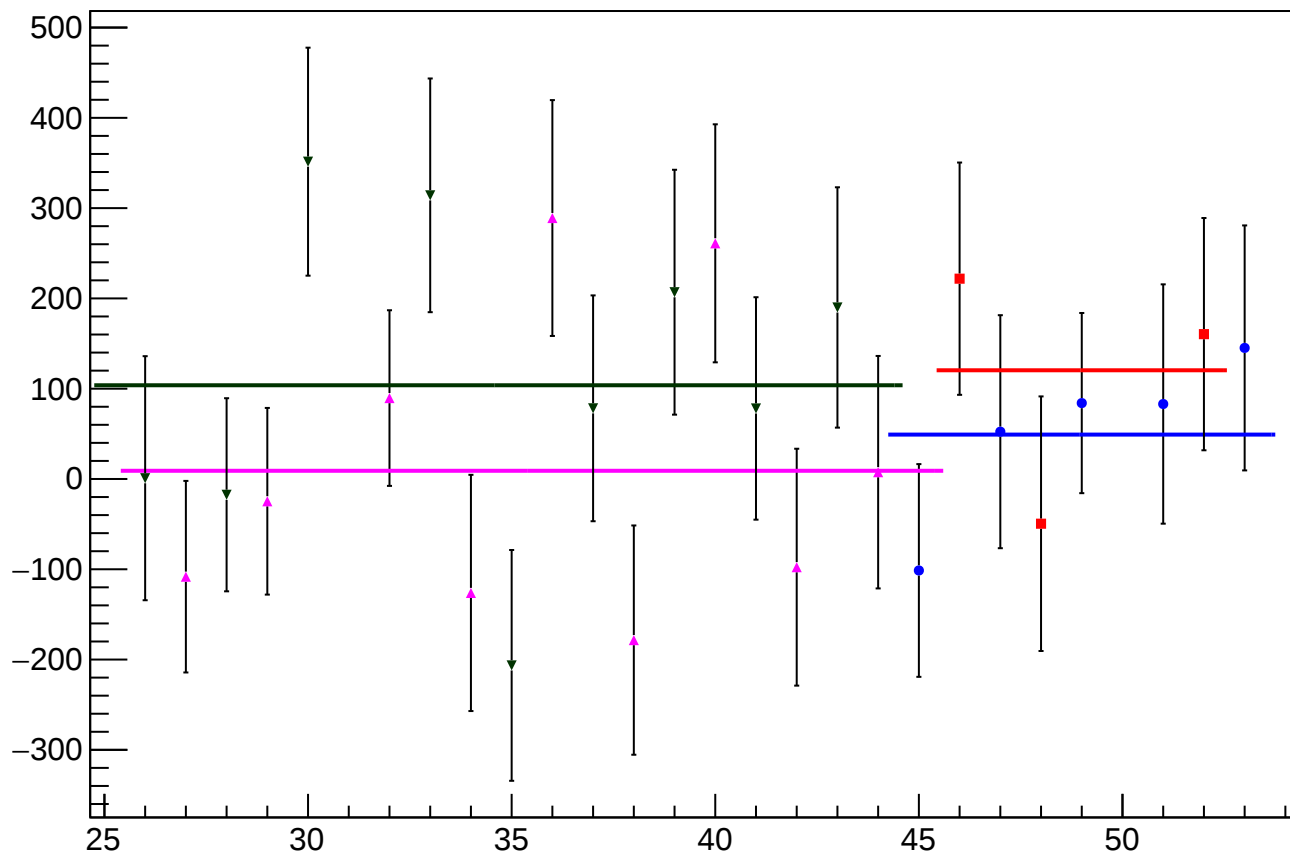
254.813+/-0.065 χ^2/NDF : 384034.4/13

Right Out: 243.652+/-0.146 χ^2/NDF : 130790.1/2

235.351+/-0.063 χ^2/NDF : 337525.2/11

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

reg_asym_us_dd_mean vs slug



Right In: 49.166+/-53.934 χ^2/NDF : 2.3/4

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

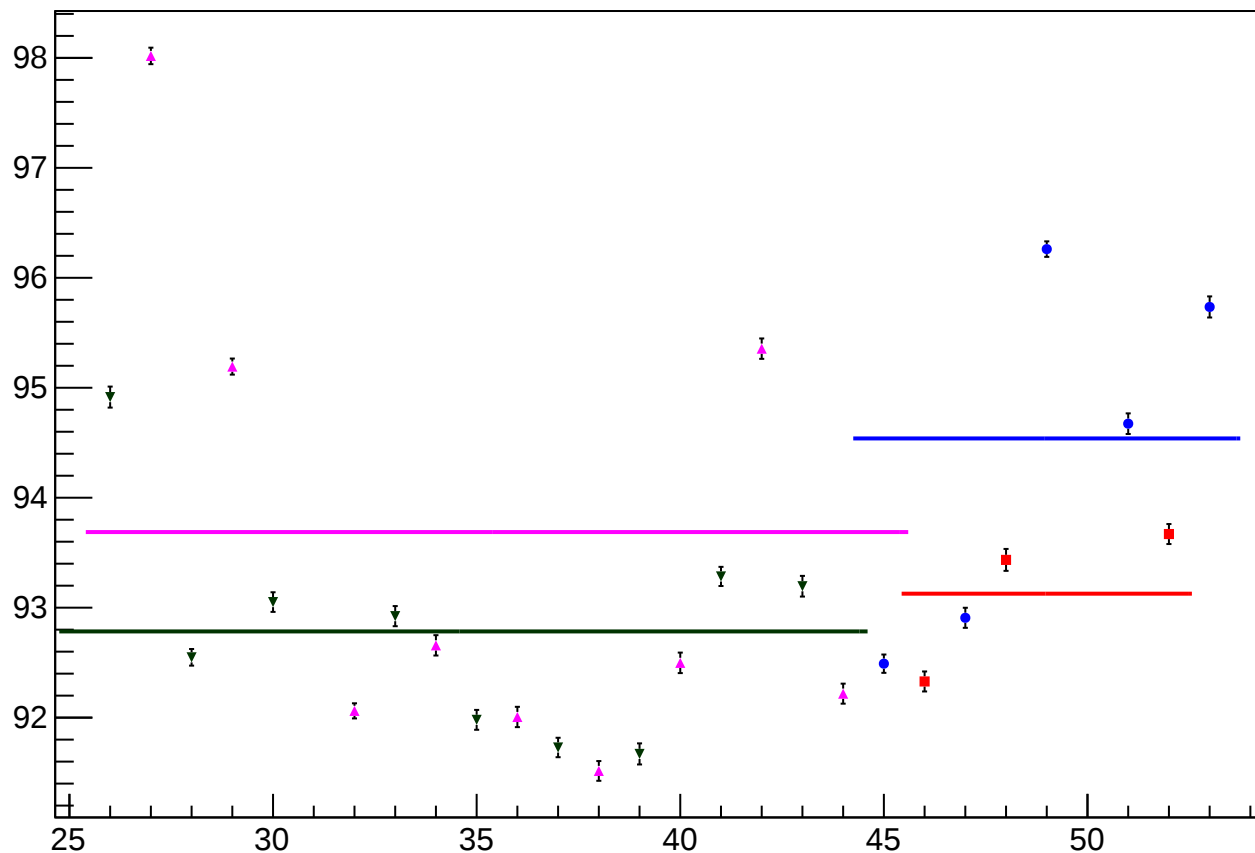
Right Out: 120.402+/-76.433 χ^2/NDF : 2.2/2

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

83.171+/-33.145 χ^2/NDF : 18.3/13

32.483+/-35.043 χ^2/NDF : 18.0/11

reg_asym_us_dd_rms vs slug



Right In: 94.539 $\pm$ 0.038 χ^2 /NDF: 1677.2/4

Left Out: 92.784 $\pm$ 0.030 χ^2 /NDF: 926.8/8

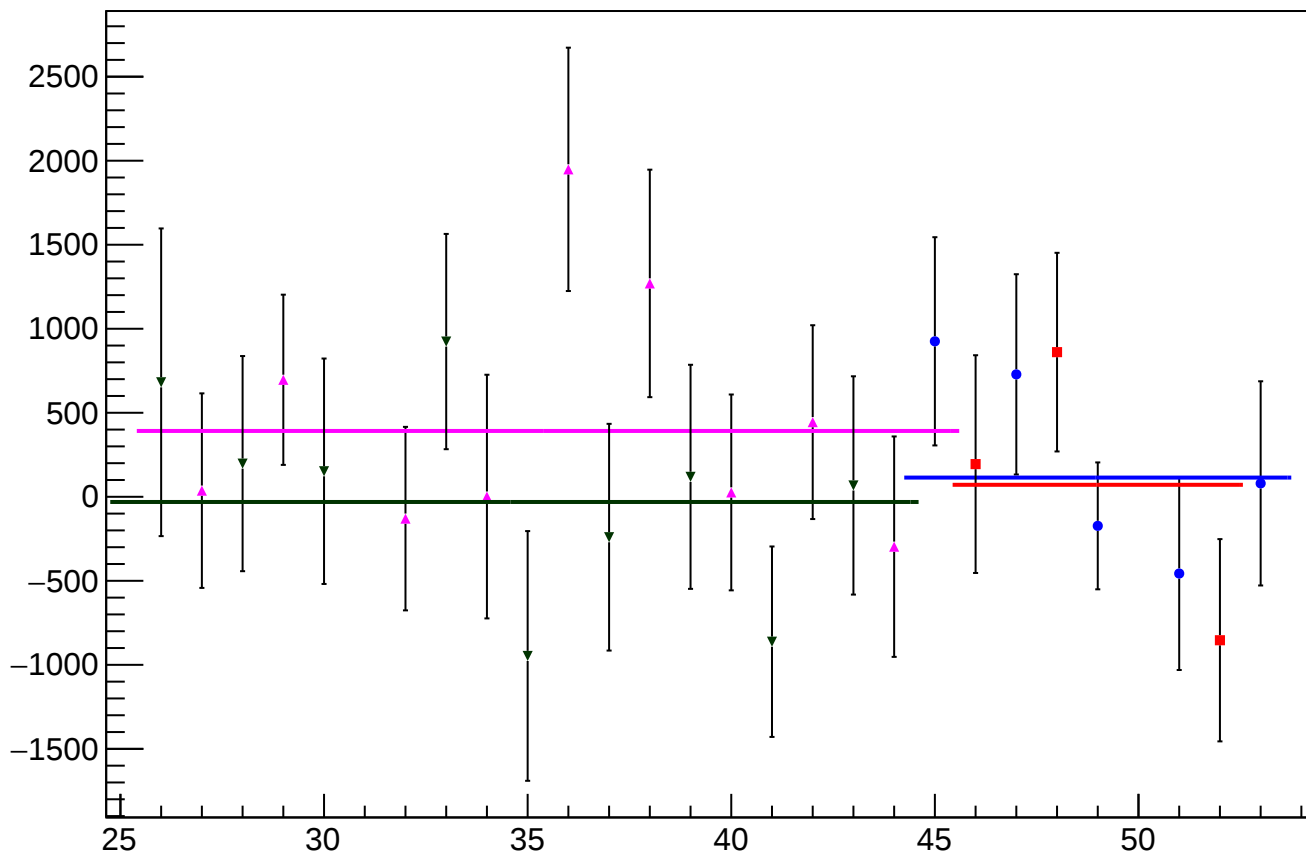
Right Out: 93.127 $\pm$ 0.054 χ^2 /NDF: 122.1/2

Left In: 93.688 $\pm$ 0.028 χ^2 /NDF: 6103.0/8

93.447 $\pm$ 0.023 χ^2 /NDF: 3922.1/13

93.570 $\pm$ 0.025 χ^2 /NDF: 6310.0/11

asym_us_dd_correction_mean vs slug



Right In: 114.352 $\pm$ 234.538 χ^2 /NDF: 4.3/4

Left Out: -30.846 $\pm$ 223.404 χ^2 /NDF: 6.9/8

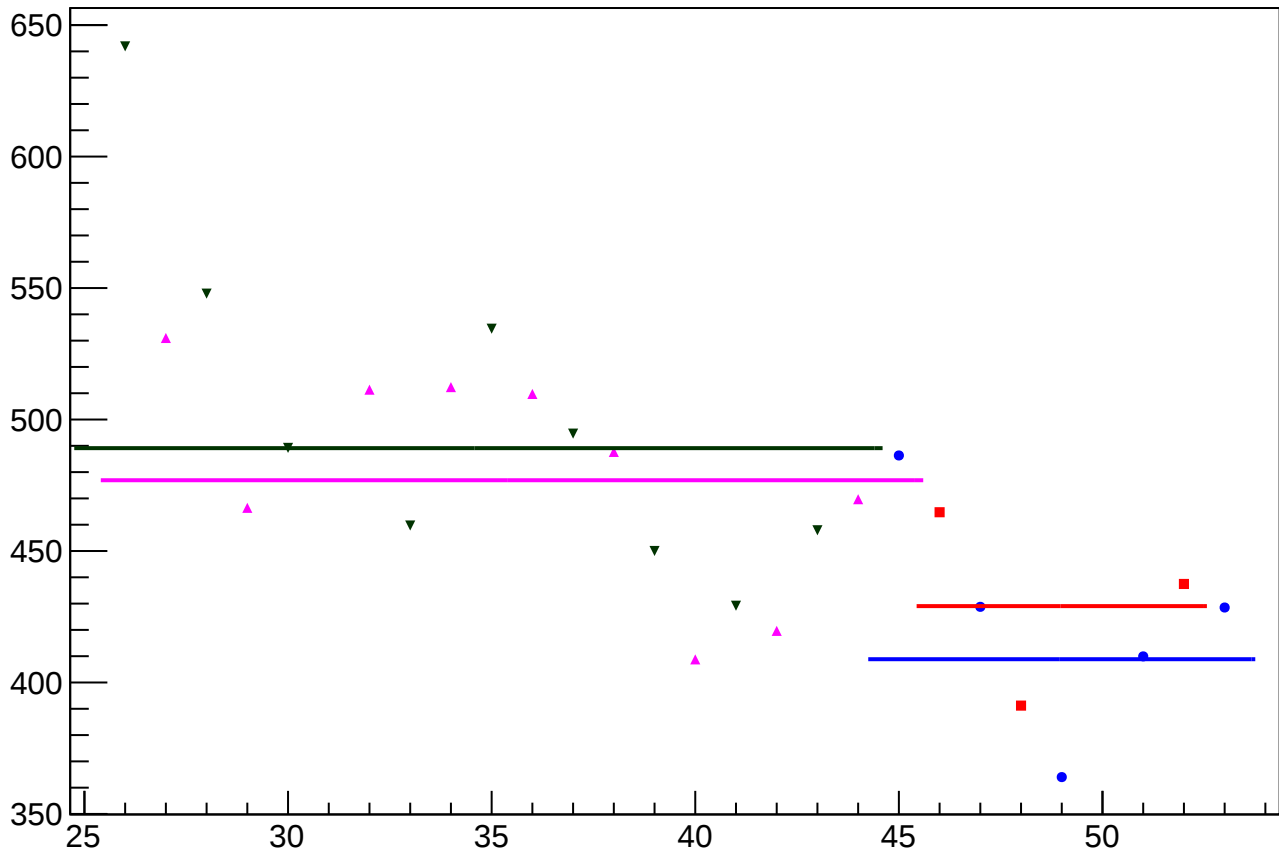
Right Out: 71.345 $\pm$ 353.430 χ^2 /NDF: 4.2/2

Left In: 391.795 $\pm$ 202.006 χ^2 /NDF: 9.8/8

38.225 $\pm$ 161.763 χ^2 /NDF: 11.4/13

312.888 $\pm$ 175.381 χ^2 /NDF: 14.6/11

asym_us_dd_correction_rms vs slug



Right In: 408.852 ± 0.166 χ^2/NDF : 63807.6/4

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

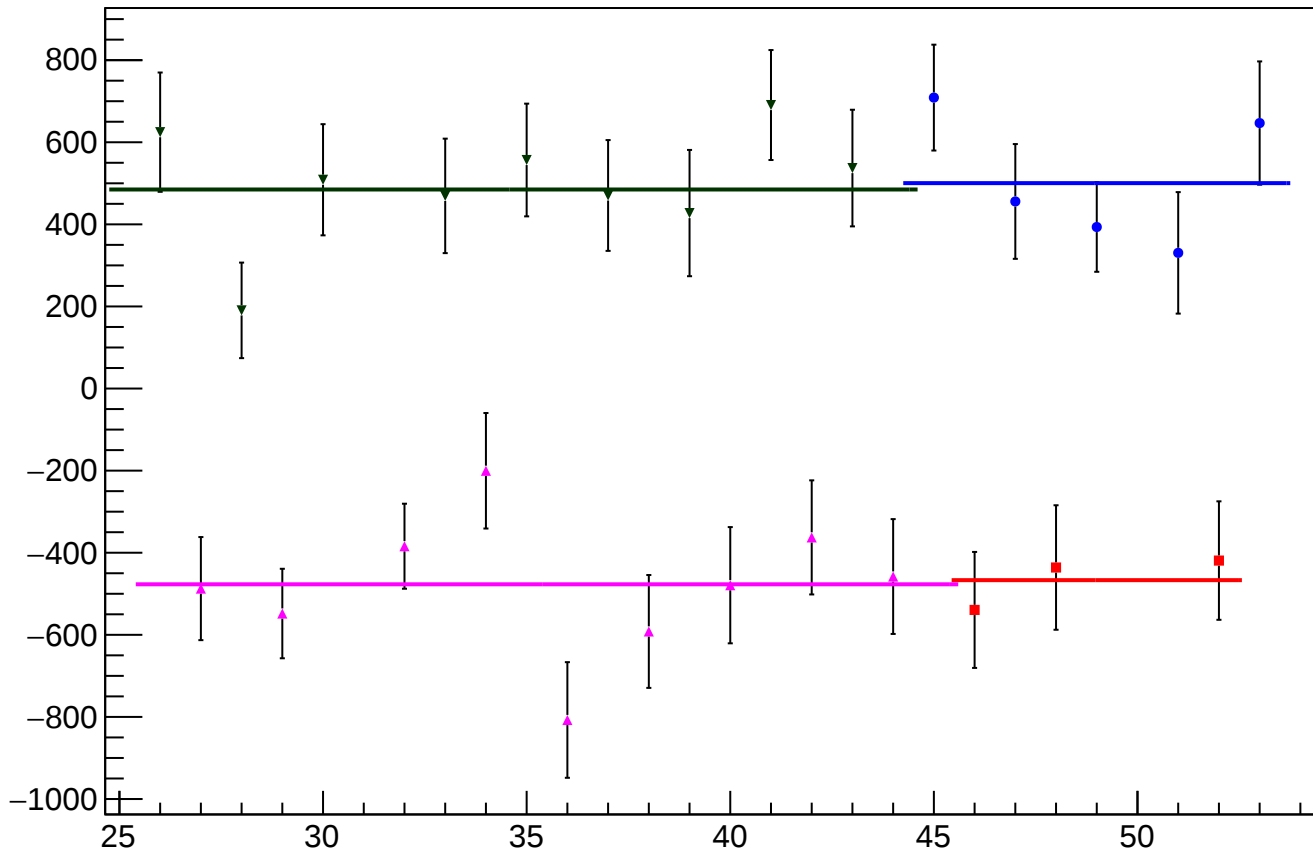
Right Out: 429.045 ± 0.250 χ^2/NDF : 14660.6/2

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

450.935 ± 0.114 χ^2/NDF : 304877.0/13

465.126 ± 0.124 χ^2/NDF : 125294.0/11

reg_asym_ds_avg_mean vs slug



Right In: 500.418 ± 59.201 χ^2/NDF : 5.9/4

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

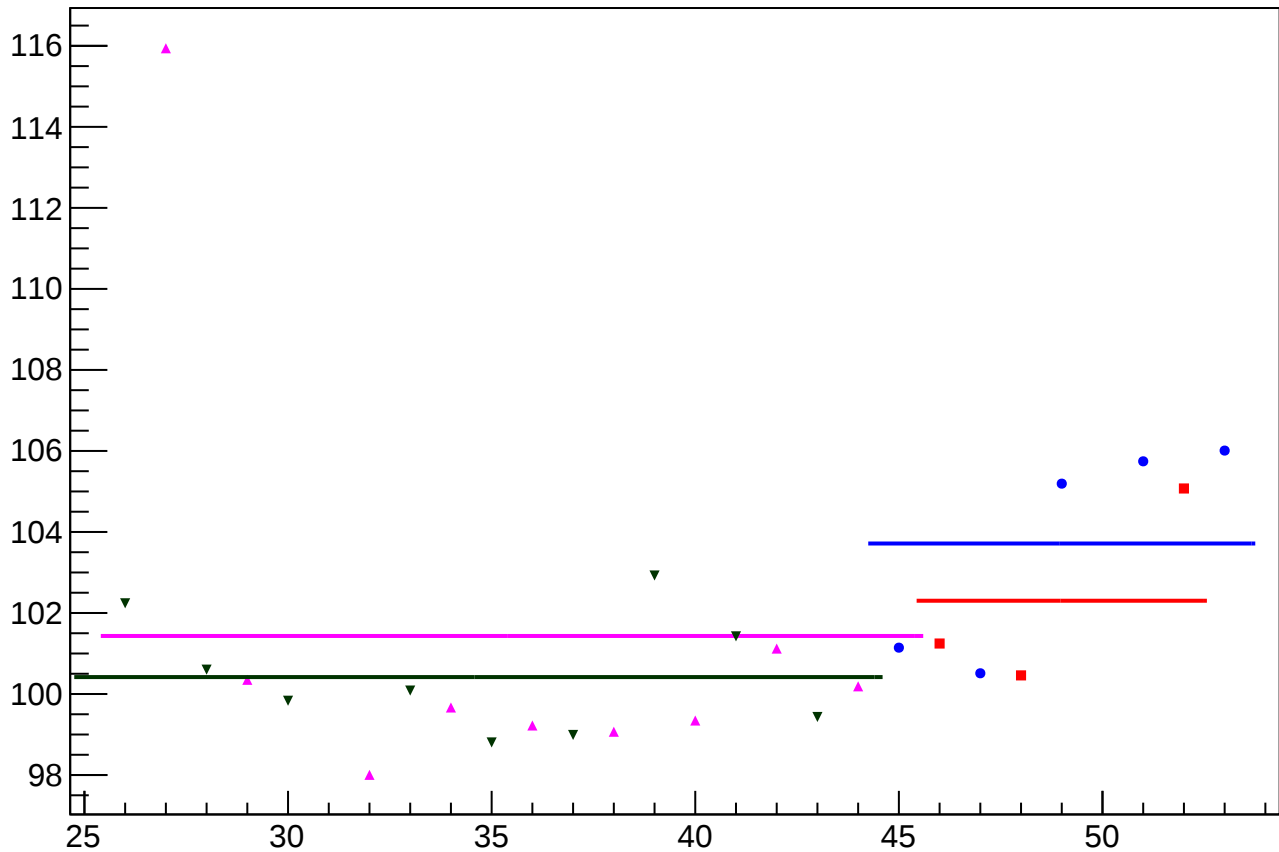
Right Out: -466.830 ± 84.038 χ^2/NDF : 0.4/2

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

490.685 ± 36.086 χ^2/NDF : 16.3/13

-474.839 ± 38.098 χ^2/NDF : 12.4/11

reg_asym_ds_avg_rms vs slug



Right In: 103.715+/-0.042 χ^2/NDF : 3054.6/4

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

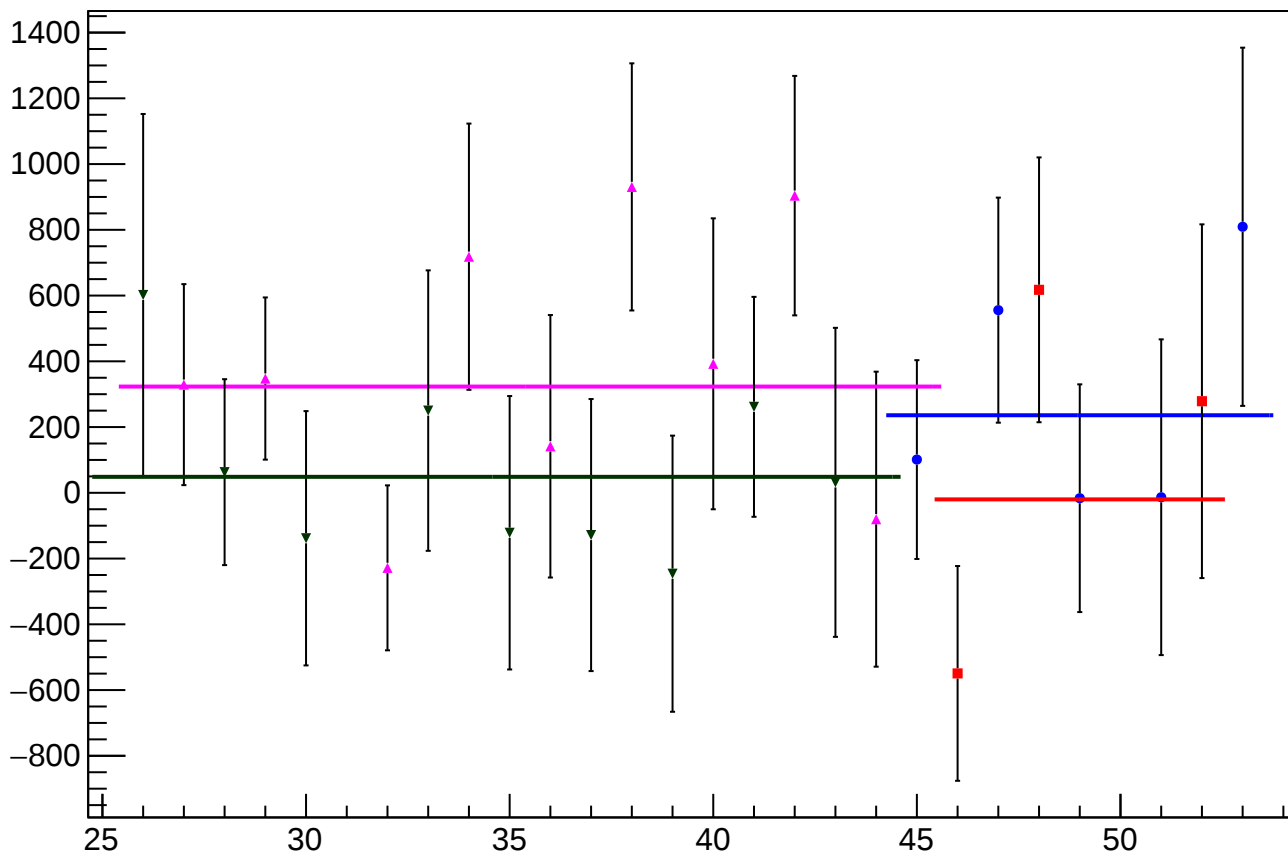
Right Out: 102.302+/-0.059 χ^2/NDF : 1144.5/2

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

101.643+/-0.026 χ^2/NDF : 8561.7/13

101.612+/-0.027 χ^2/NDF : 32397.5/11

asym_ds_avg_correction_mean vs slug



Right In: 235.936 $\pm$ 167.806 χ^2 /NDF: 3.0/4

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

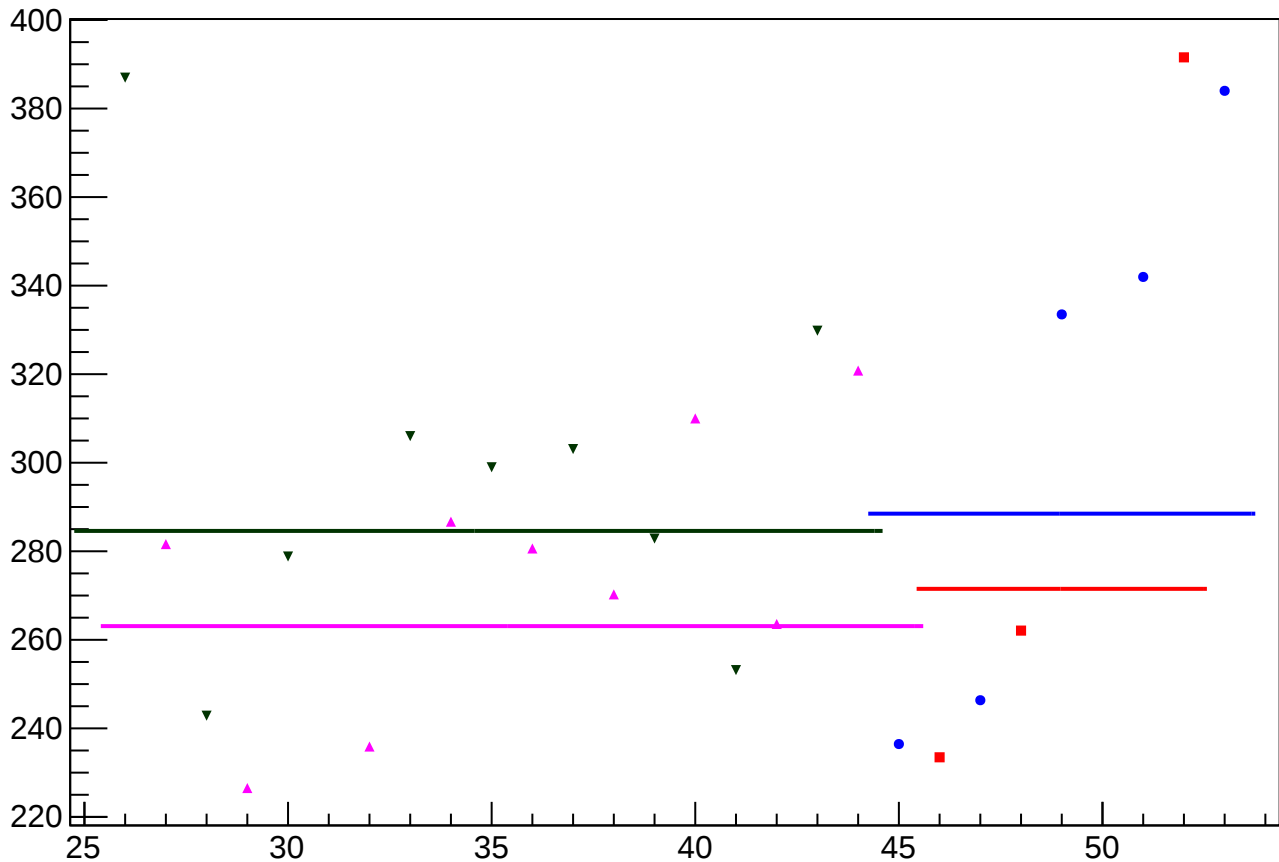
Right Out: -19.985 $\pm$ 229.472 χ^2 /NDF: 5.4/2

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

119.193 $\pm$ 103.005 χ^2 /NDF: 6.5/13

257.418 $\pm$ 100.469 χ^2 /NDF: 19.2/11

asym_ds_avg_correction_rms vs slug



Right In: 288.495 ± 0.119 χ^2/NDF : 209554.0/4

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

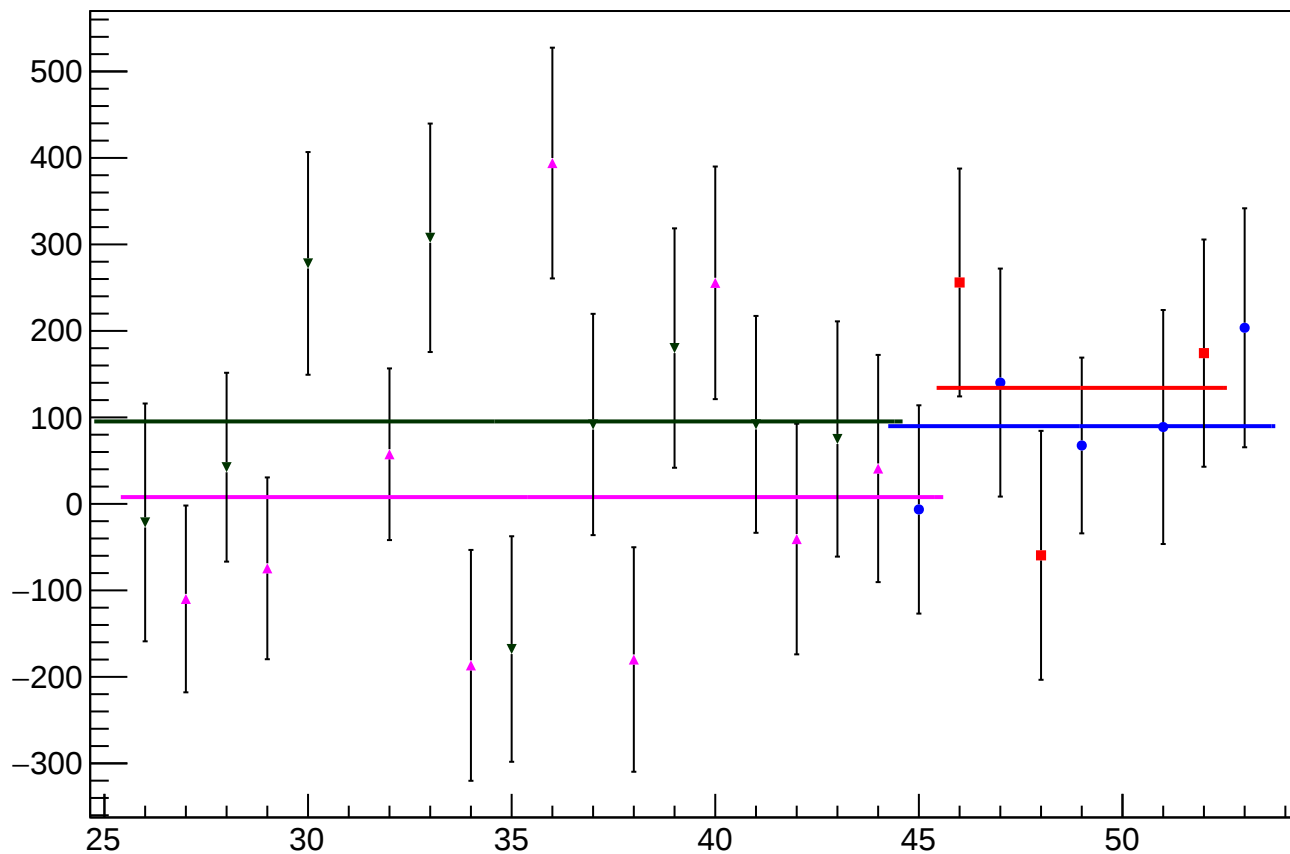
Right Out: 271.515 ± 0.162 χ^2/NDF : 127802.1/2

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

286.066 ± 0.073 χ^2/NDF : 371016.8/13

264.710 ± 0.071 χ^2/NDF : 271721.5/11

reg_asym_ds_dd_mean vs slug



Right In: 89.870 ± 55.013 χ^2/NDF : 1.5/4

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

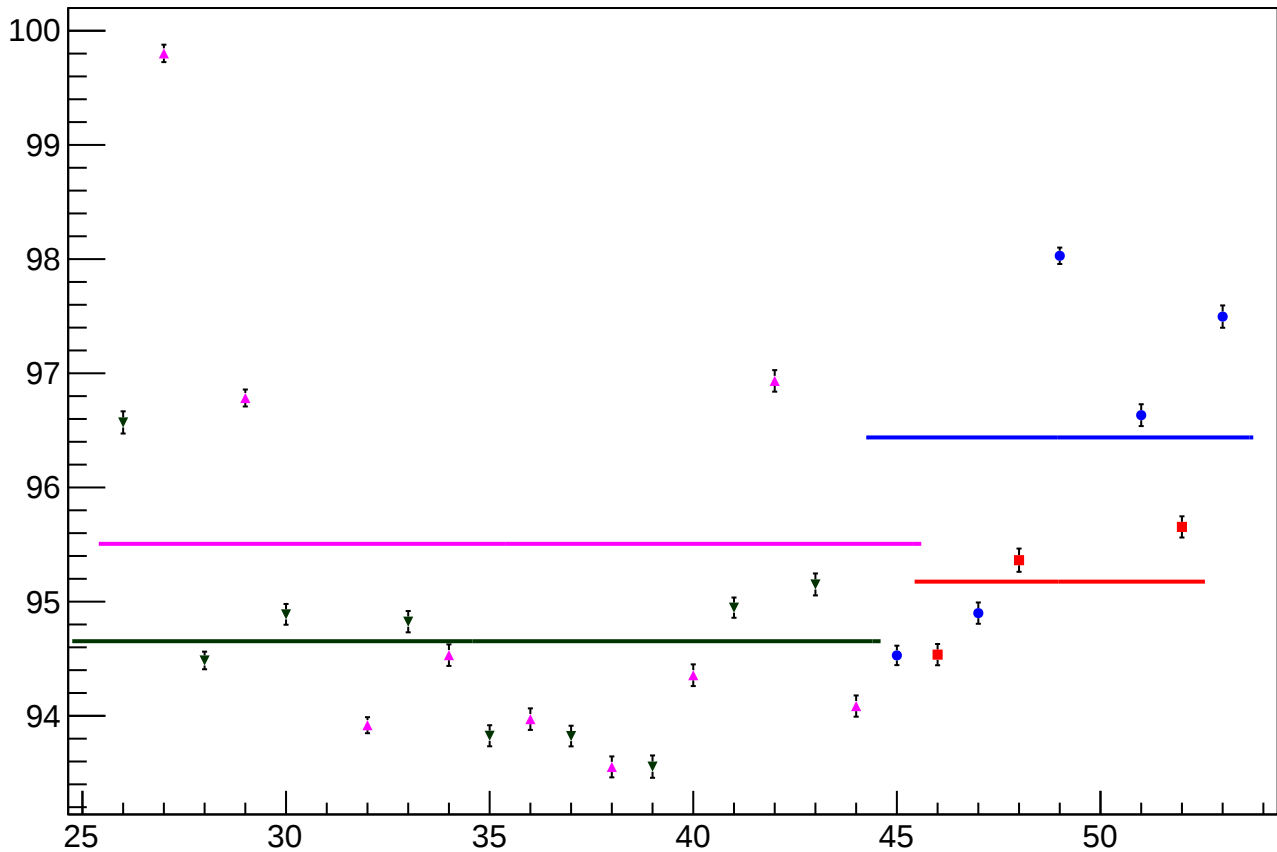
Right Out: 134.142 ± 78.113 χ^2/NDF : 2.8/2

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

93.271 ± 33.812 χ^2/NDF : 11.5/13

34.289 ± 35.739 χ^2/NDF : 23.1/11

reg_asym_ds_dd_rms vs slug



Right In: 96.438 ± 0.039 χ^2/NDF : 1387.0/4

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

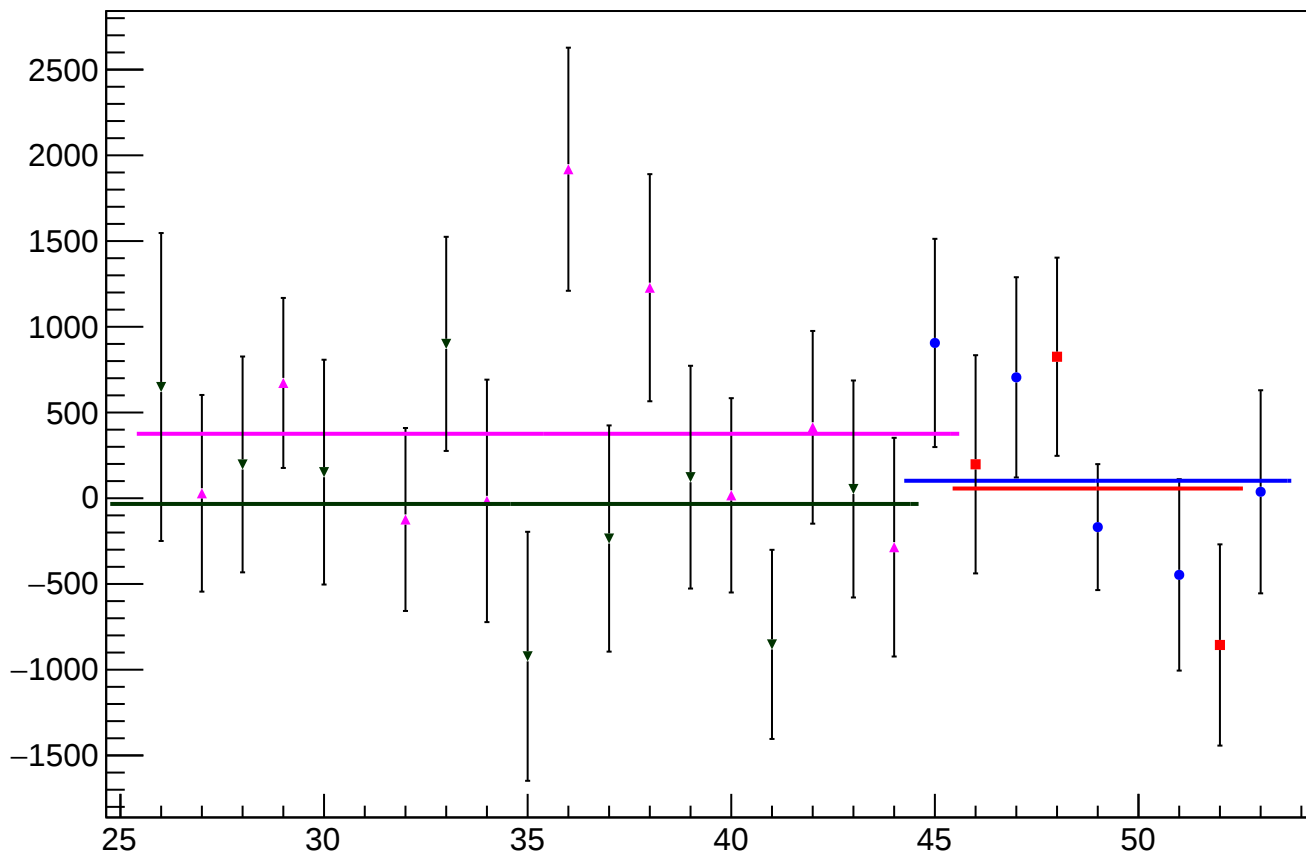
Right Out: 95.175 ± 0.055 χ^2/NDF : 77.1/2

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

95.328 ± 0.024 χ^2/NDF : 3428.7/13

95.437 ± 0.025 χ^2/NDF : 5512.0/11

asym_ds_dd_correction_mean vs slug



Right In: 101.937 $\pm$ 228.712 χ^2 /NDF: 4.3/4

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

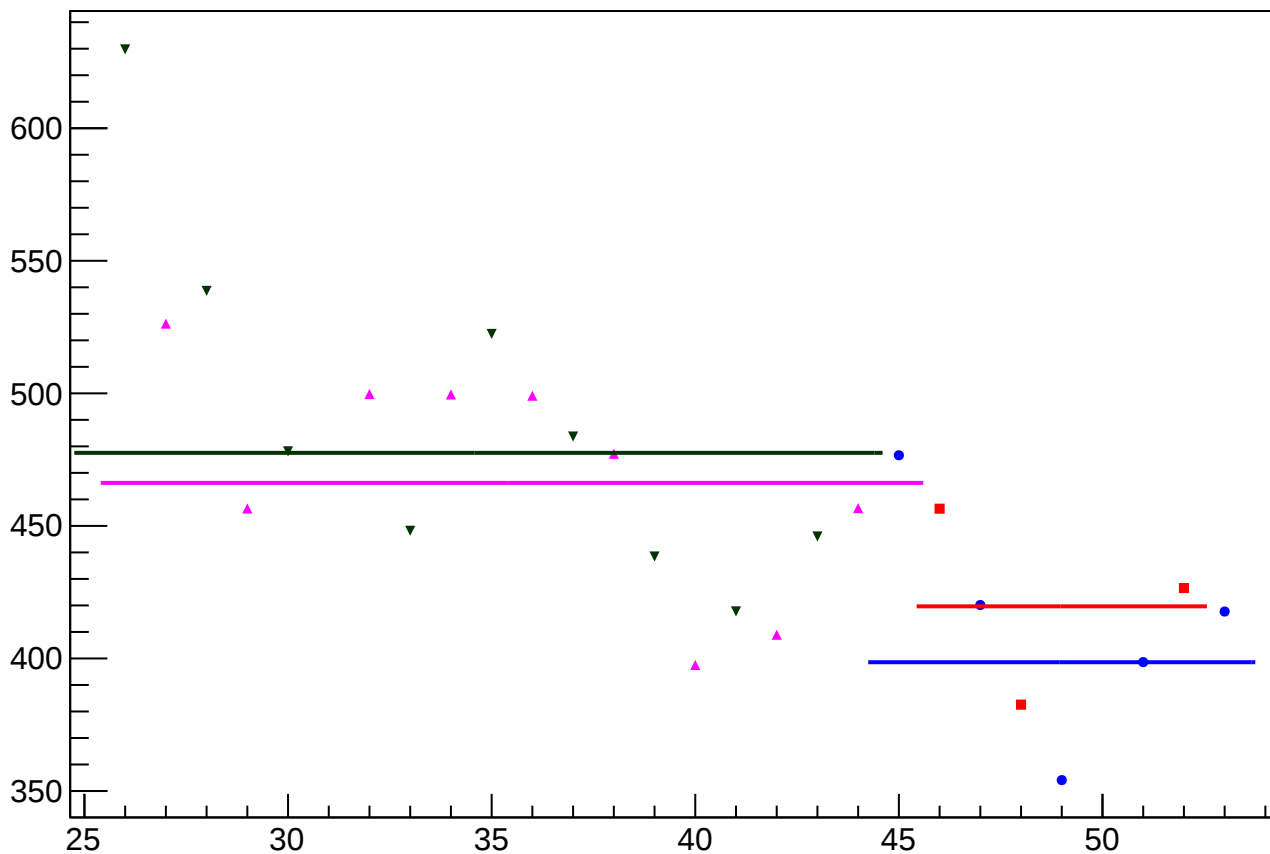
Right Out: 56.723 $\pm$ 345.735 χ^2 /NDF: 4.2/2

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

31.152 $\pm$ 157.876 χ^2 /NDF: 11.4/13

297.386 $\pm$ 171.513 χ^2 /NDF: 14.7/11

asym_ds_dd_correction_rms vs slug



Right In: 398.581+/-0.162 χ^2/NDF : 67186.2/4

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

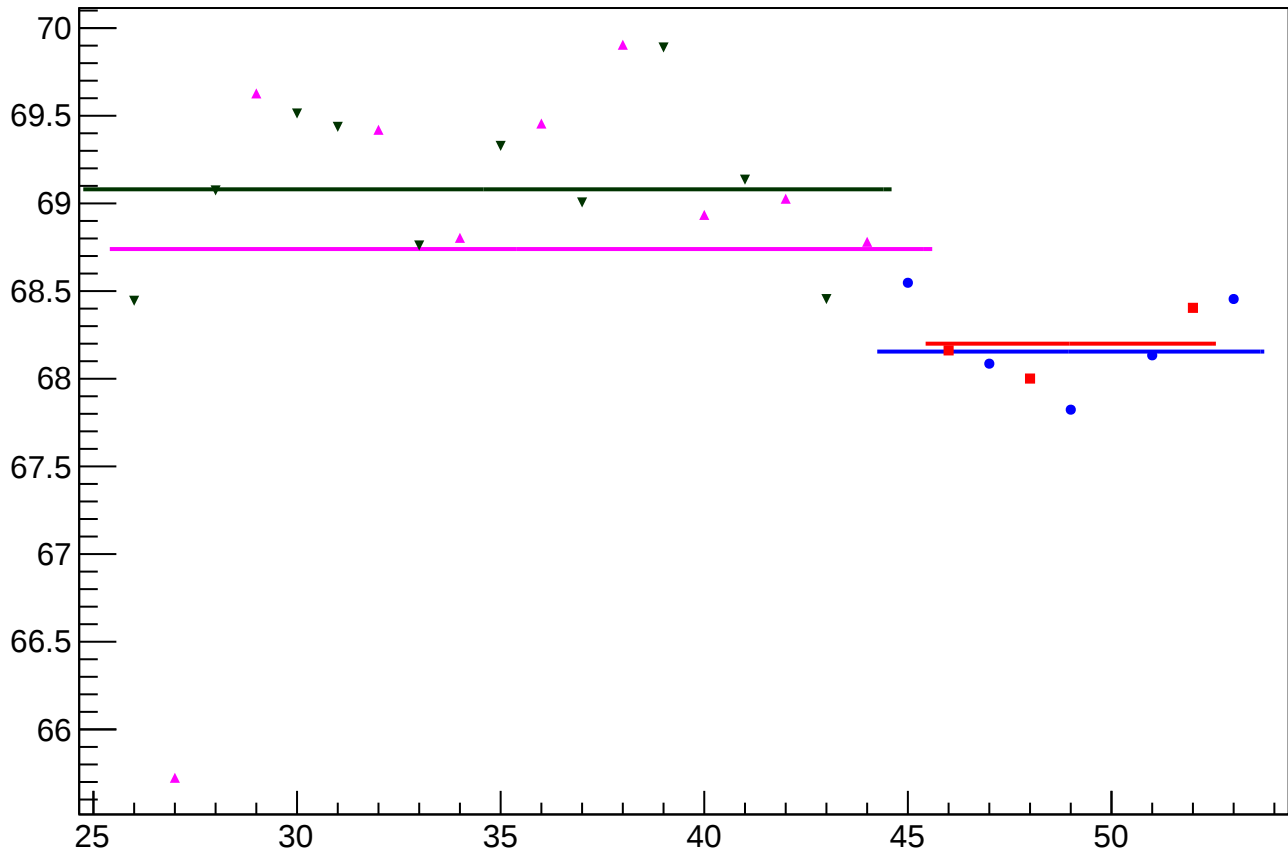
Right Out: 419.659+/-0.244 χ^2/NDF : 15206.8/2

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

439.927+/-0.112 χ^2/NDF : 316293.7/13

454.764+/-0.121 χ^2/NDF : 133047.0/11

yield_bcm_an_ds_mean vs slug



Right In: 68.155+/-0.000 χ^2/NDF : 5793280.7/4

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

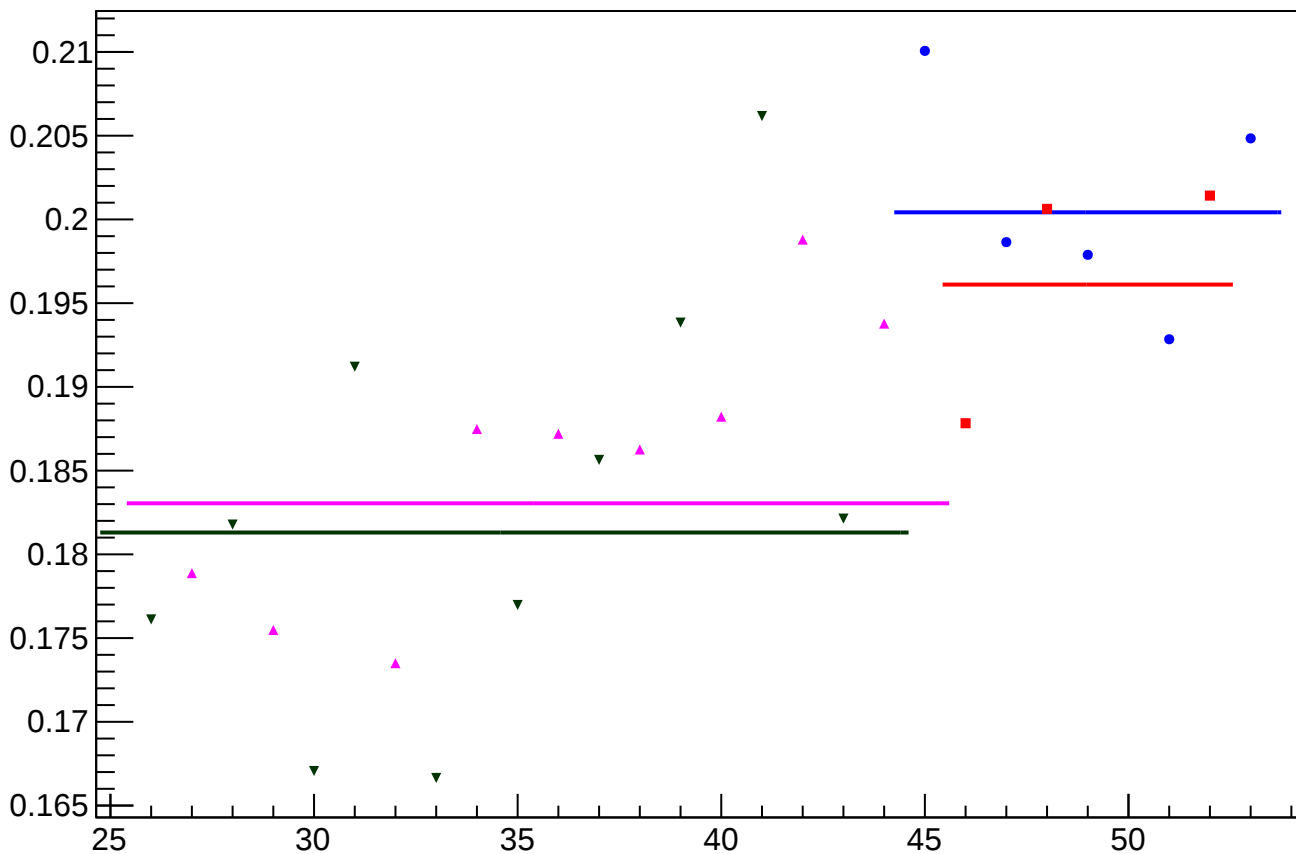
Right Out: 68.200+/-0.000 χ^2/NDF : 970967.9/2

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

68.776+/-0.000 χ^2/NDF : 76184213.6/14

68.639+/-0.000 χ^2/NDF : 304347418.1/11

yield_bcm_an_ds_rms vs slug



Right In: 0.200+/-0.000 χ^2/NDF : 4936.5/4

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

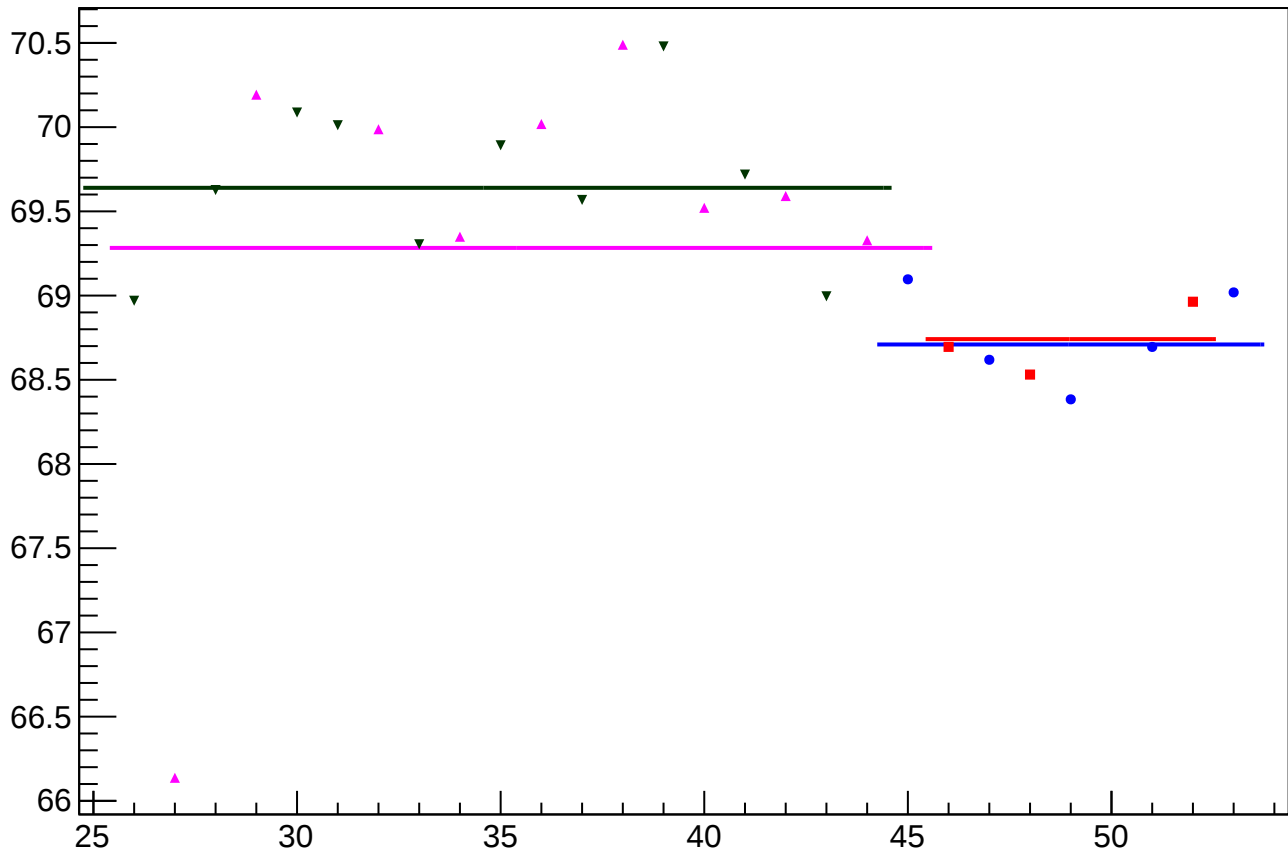
Right Out: 0.196+/-0.000 χ^2/NDF : 3065.2/2

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

0.188+/-0.000 χ^2/NDF : 80686.8/14

0.185+/-0.000 χ^2/NDF : 33909.7/11

yield_bcm_an_ds3_mean vs slug



Right In: 68.710 $\pm$ 0.000 χ^2 /NDF: 5492411.8/4

Left Out: 69.640 $\pm$ 0.000 χ^2 /NDF: 28182710.7/9

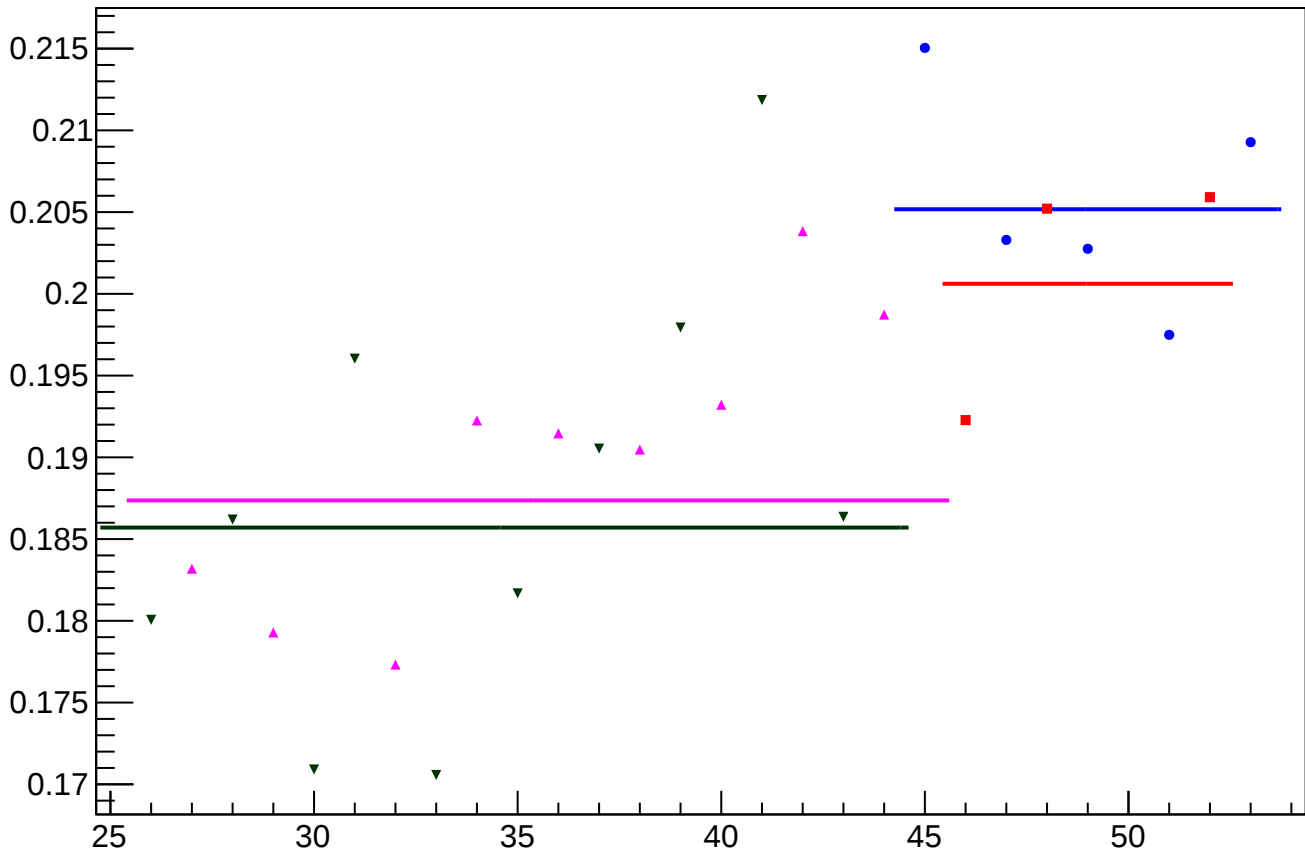
Right Out: 68.742 $\pm$ 0.000 χ^2 /NDF: 1076788.5/2

Left In: 69.283 $\pm$ 0.000 χ^2 /NDF: 304584530.1/8

69.333 $\pm$ 0.000 χ^2 /NDF: 75227386.7/14

69.182 $\pm$ 0.000 χ^2 /NDF: 314144734.9/11

yield_bcm_an_ds3_rms vs slug



Right In: 0.205 $\pm$ 0.000 χ^2 /NDF: 4791.3/4

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

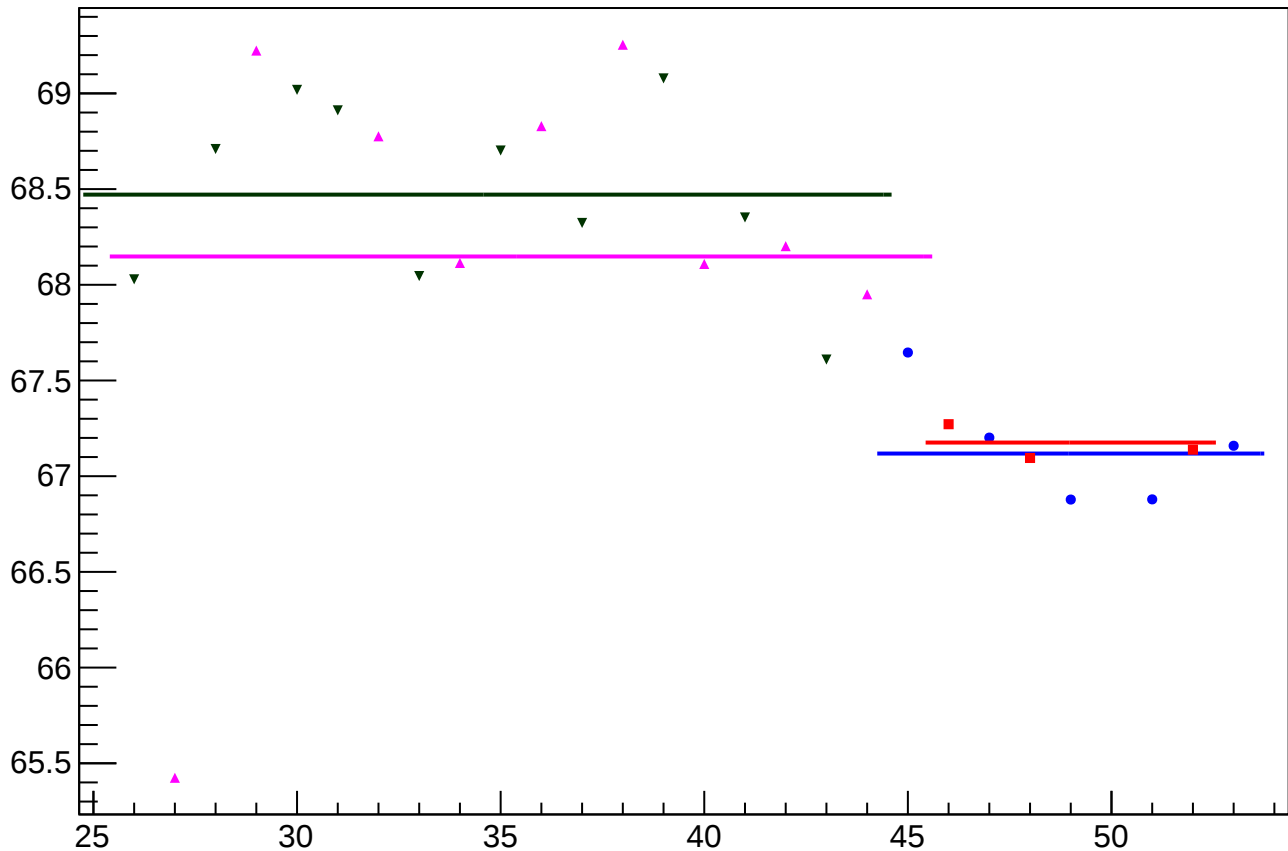
Right Out: 0.201 $\pm$ 0.000 χ^2 /NDF: 2961.6/2

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

0.192 $\pm$ 0.000 χ^2 /NDF: 81104.3/14

0.190 $\pm$ 0.000 χ^2 /NDF: 34818.2/11

yield_bcm_an_us_mean vs slug



Right In: 67.118+/-0.000 χ^2/NDF : 6226918.0/4

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

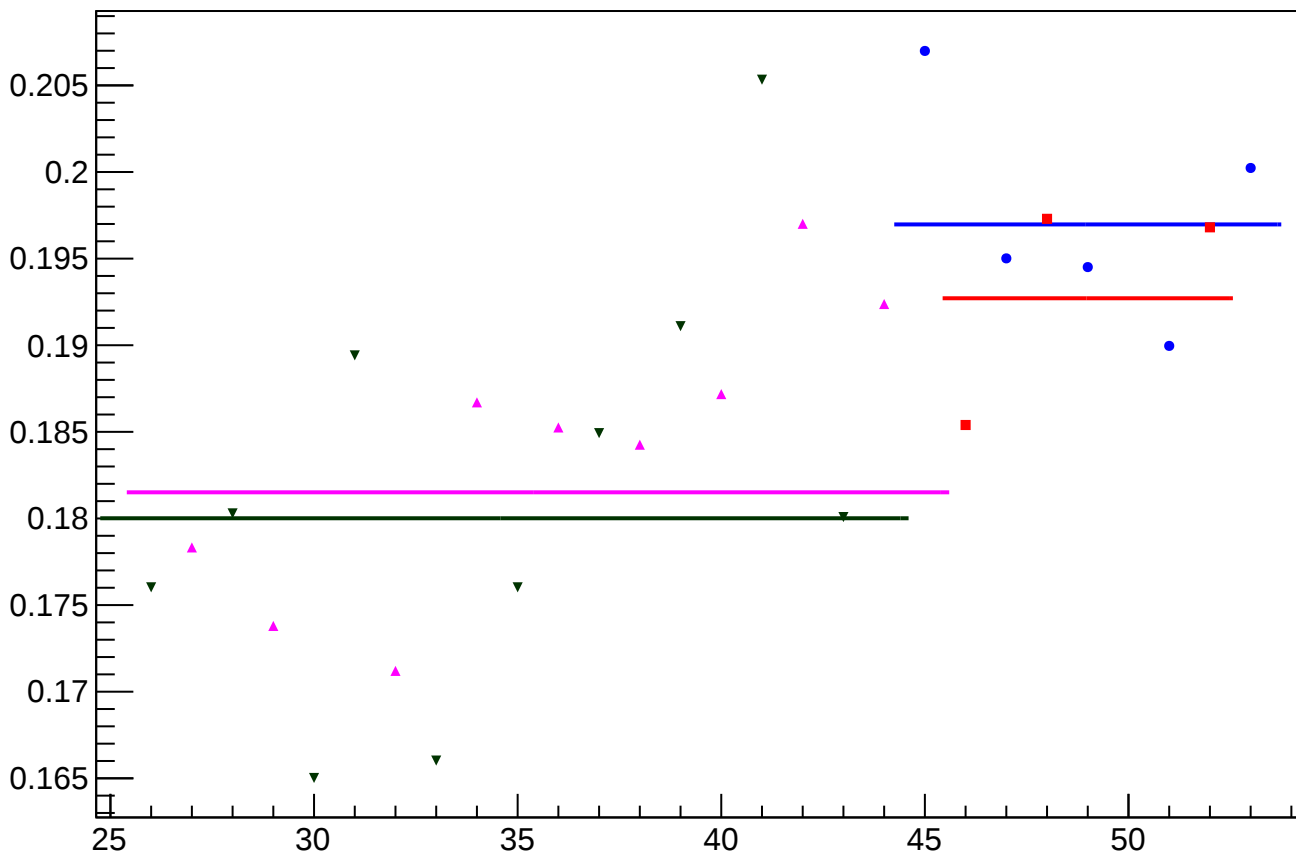
Right Out: 67.176+/-0.000 χ^2/NDF : 220440.7/2

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

68.020+/-0.000 χ^2/NDF : 132710714.3/14

67.963+/-0.000 χ^2/NDF : 287905325.4/11

yield_bcm_an_us_rms vs slug



Right In: 0.197 $\pm$ 0.000 χ^2 /NDF: 4835.3/4

Left Out: 0.180 $\pm$ 0.000 χ^2 /NDF: 38902.7/9

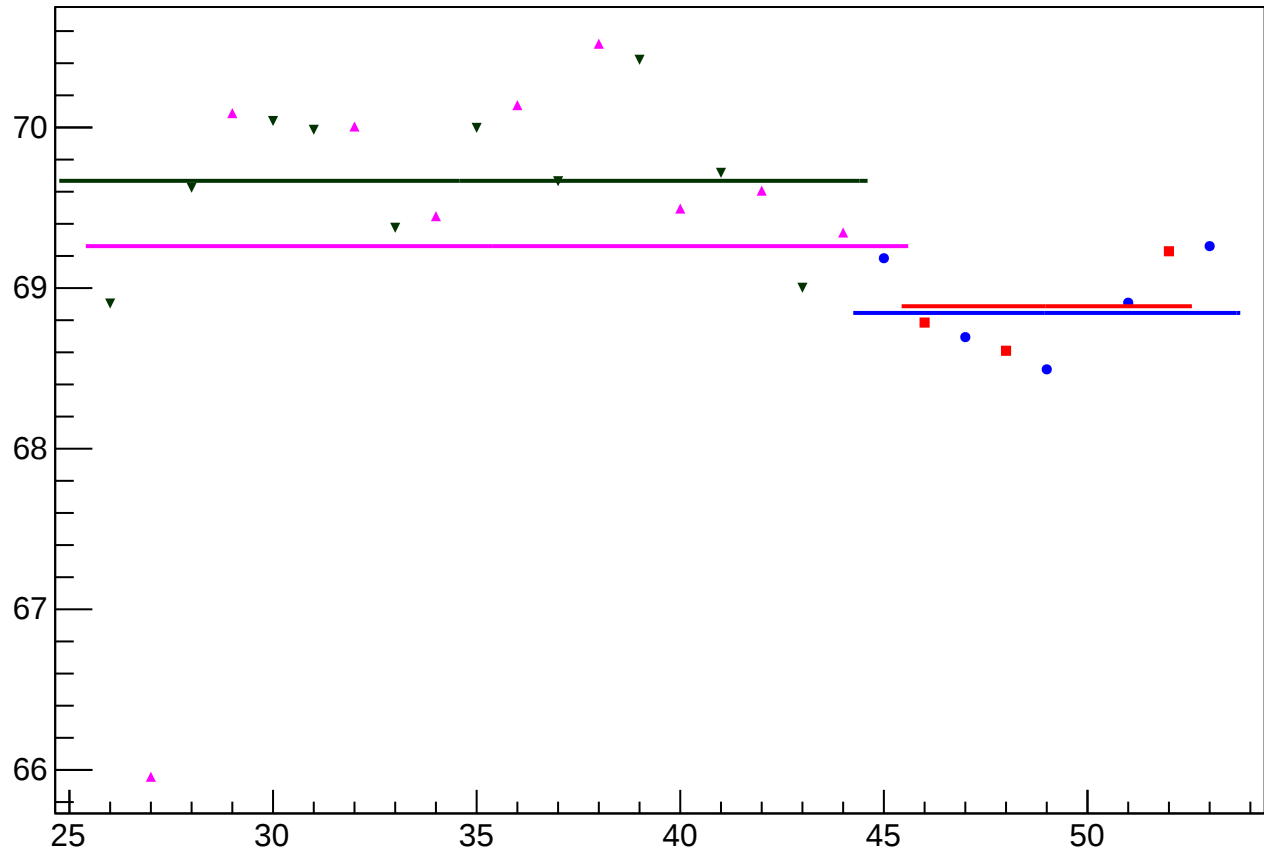
0.186 $\pm$ 0.000 χ^2 /NDF: 73469.2/14

Right Out: 0.193 $\pm$ 0.000 χ^2 /NDF: 2438.4/2

0.184 $\pm$ 0.000 χ^2 /NDF: 31886.6/11

Left In: 0.182 $\pm$ 0.000 χ^2 /NDF: 21603.7/8

yield_bcm_dg_us_mean vs slug



Right In: 68.845+/-0.000 χ^2/NDF : 5991274.2/4

Left Out: 69.668+/-0.000 χ^2/NDF : 26498235.4/9

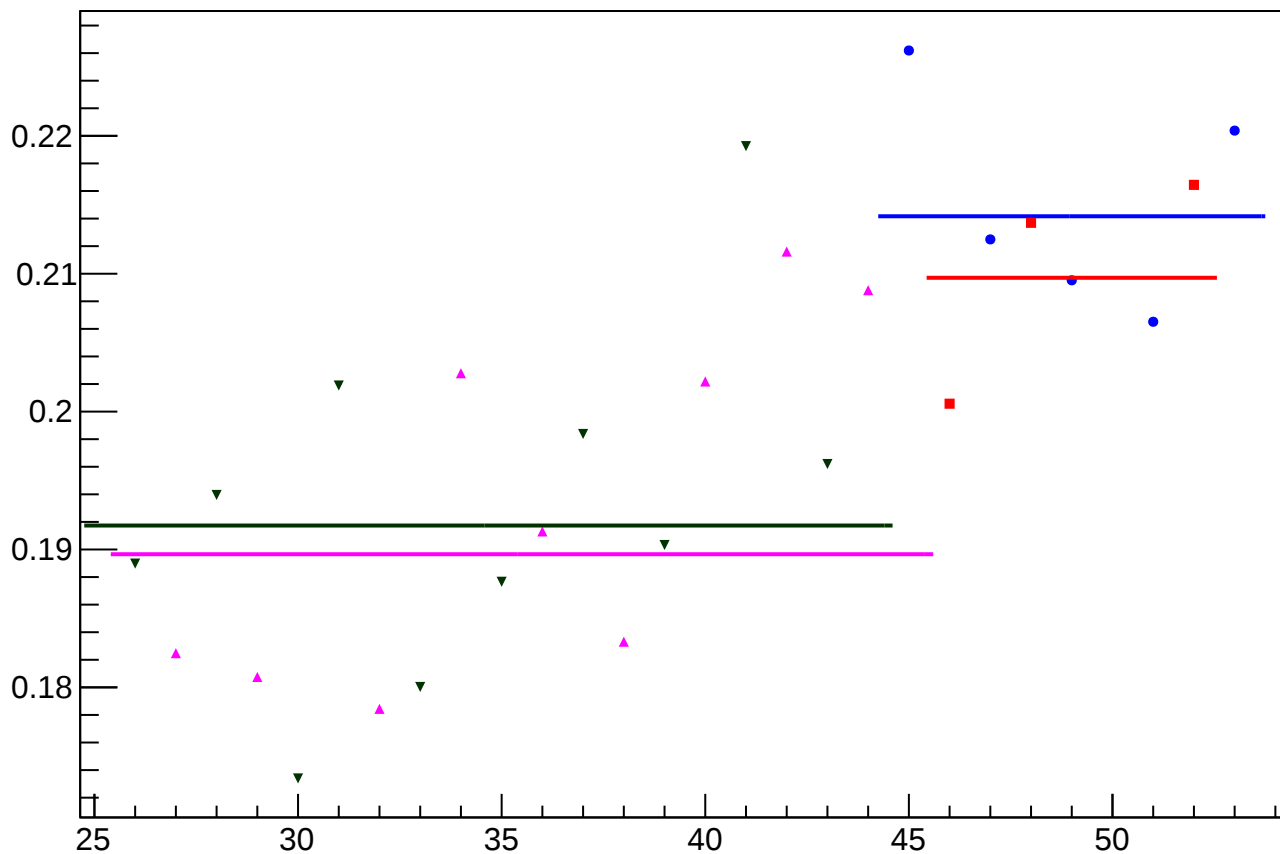
Right Out: 68.887+/-0.000 χ^2/NDF : 2136698.4/2

Left In: 69.261+/-0.000 χ^2/NDF : 334102437.8/8

69.401+/-0.000 χ^2/NDF : 62537377.6/14

69.194+/-0.000 χ^2/NDF : 339986097.1/11

yield_bcm_dg_us_rms vs slug



Right In: 0.214+/-0.000 χ^2/NDF : 6538.3/4

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

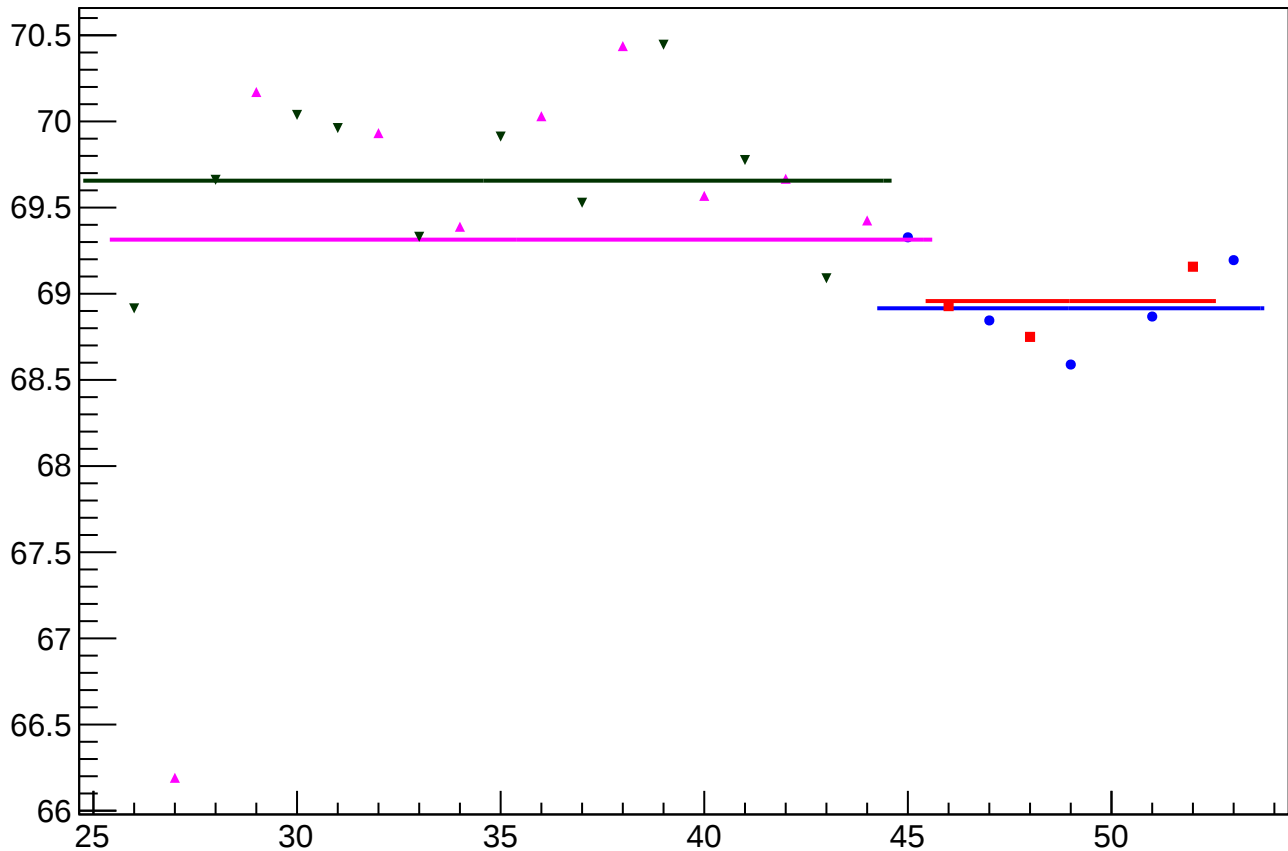
Right Out: 0.210+/-0.000 χ^2/NDF : 3342.2/2

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

0.199+/-0.000 χ^2/NDF : 88864.0/14

0.193+/-0.000 χ^2/NDF : 66411.4/11

yield_bcm_dg_ds_mean vs slug



Right In: 68.916 ± 0.000 χ^2/NDF : 5389742.2/4

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

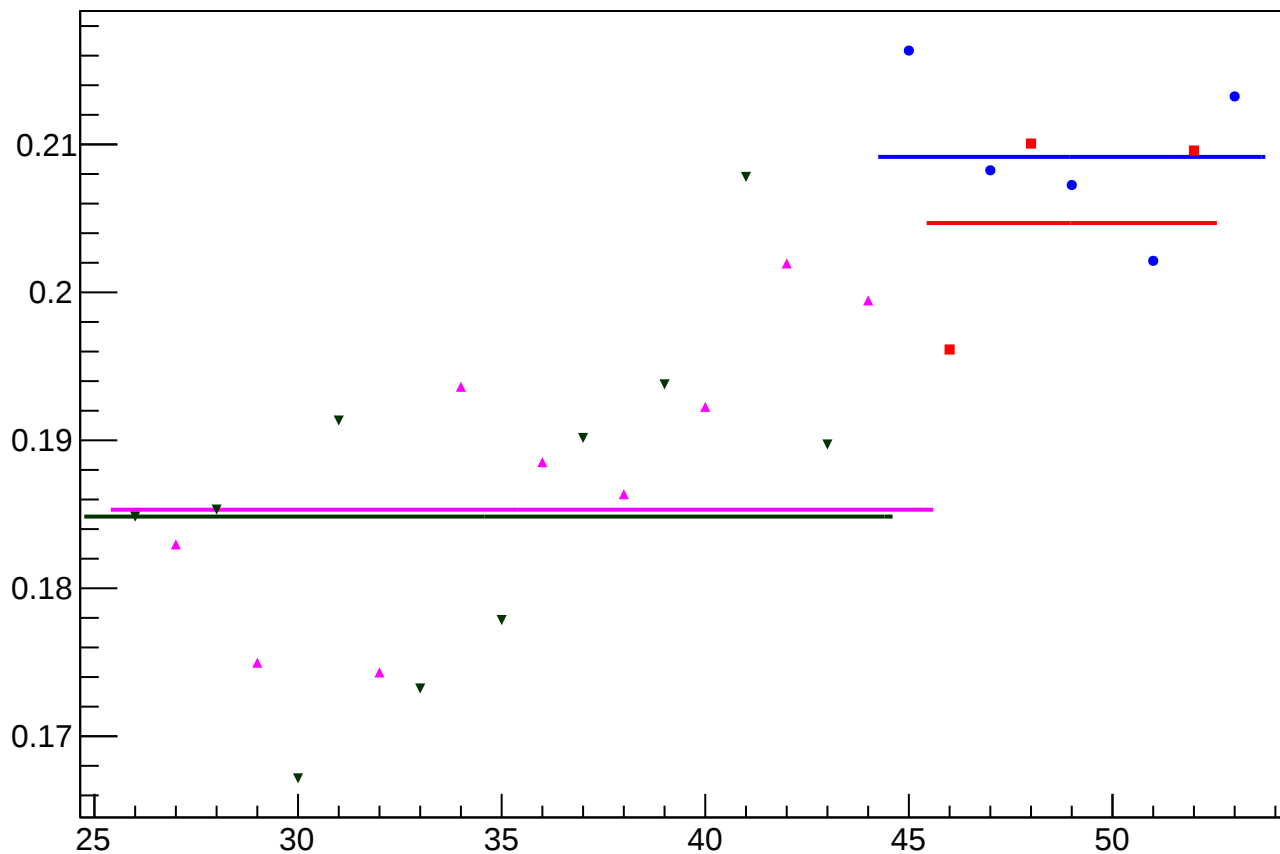
Right Out: 68.958 ± 0.000 χ^2/NDF : 895096.0/2

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

69.420 ± 0.000 χ^2/NDF : 57277937.8/14

69.251 ± 0.000 χ^2/NDF : 299573061.7/11

yield_bcm_dg_ds_rms vs slug



Right In: 0.209 $\pm$ 0.000 χ^2 /NDF: 3080.4/4

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

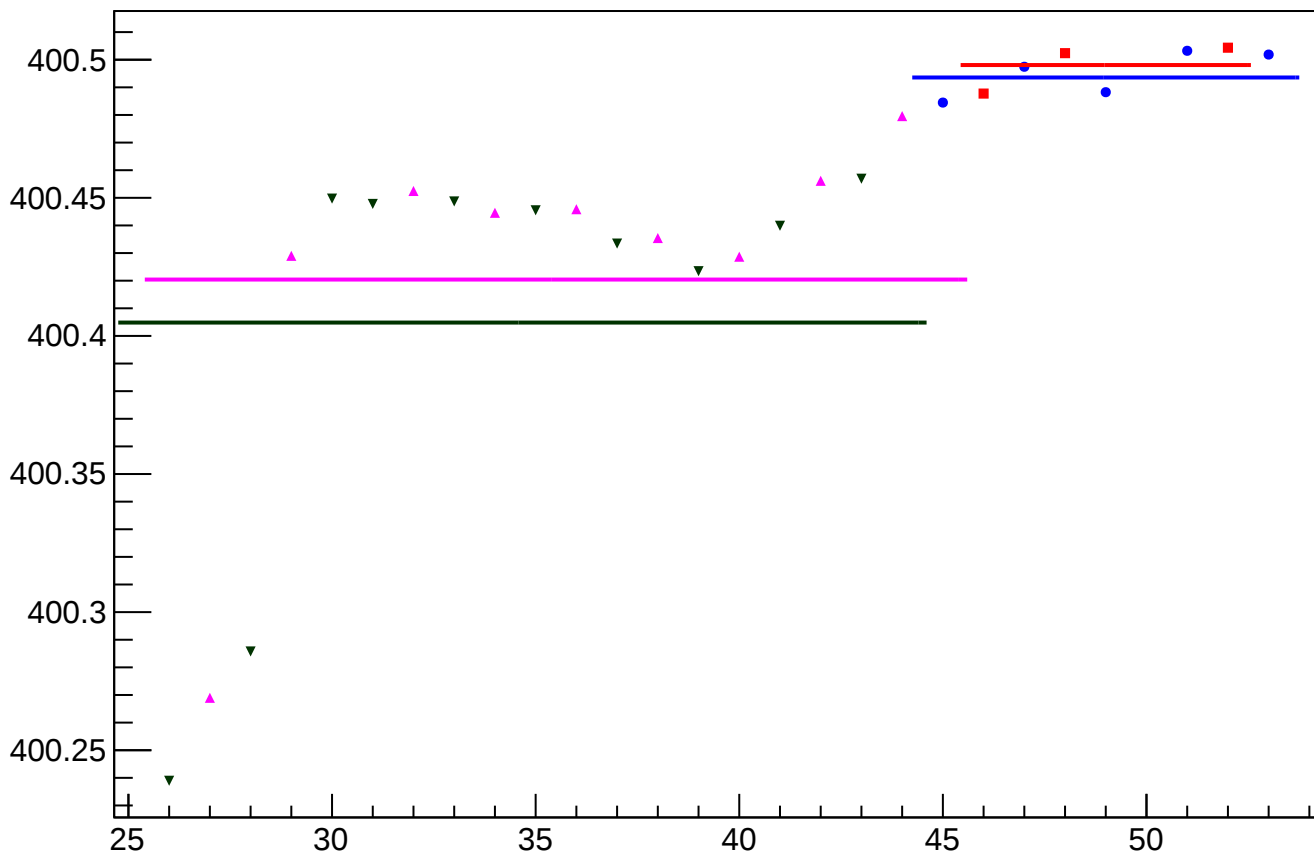
Right Out: 0.205 $\pm$ 0.000 χ^2 /NDF: 2991.5/2

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

0.193 $\pm$ 0.000 χ^2 /NDF: 93877.8/14

0.189 $\pm$ 0.000 χ^2 /NDF: 52087.9/11

yield_cav4bQ_mean vs slug



Right In: 400.494+/-0.000 χ^2/NDF : 3763848.0/4

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

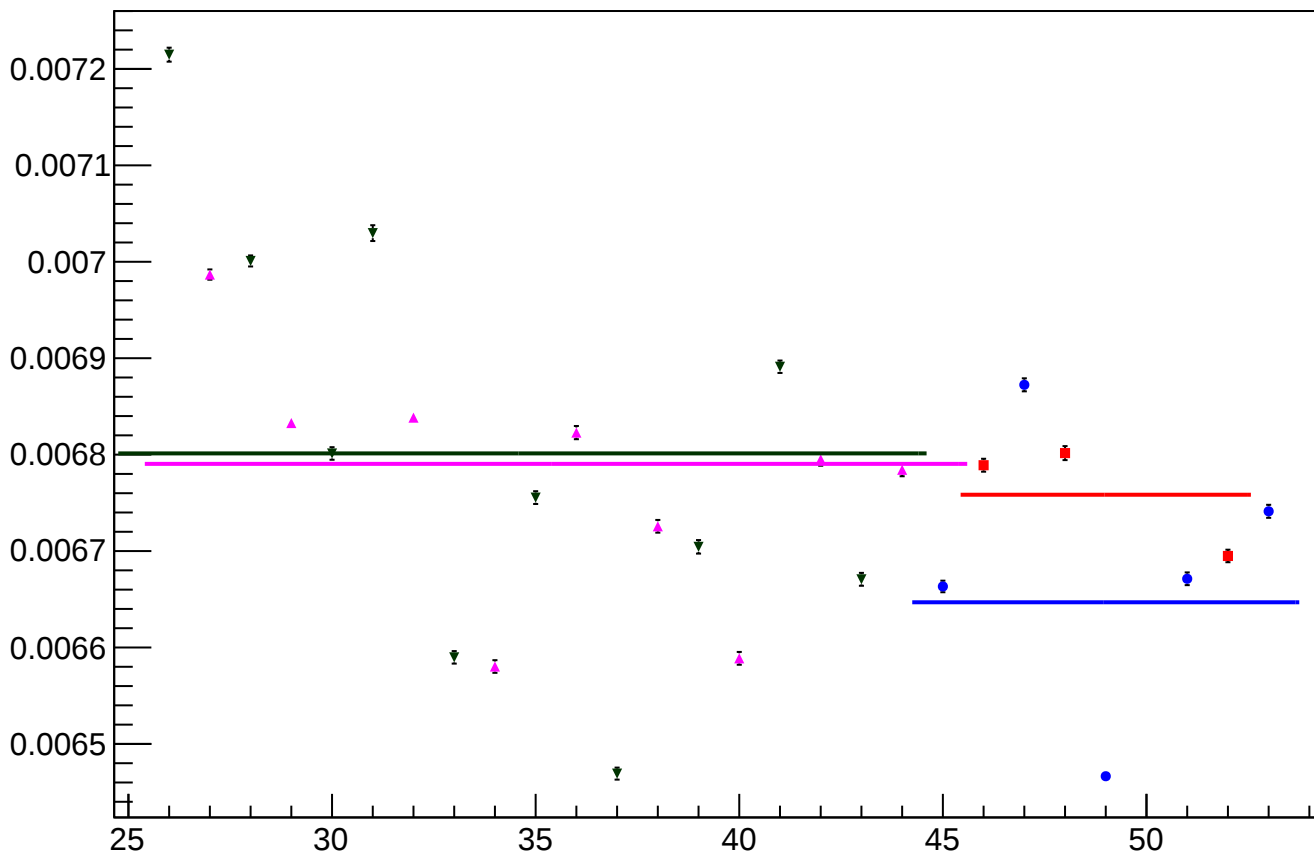
Right Out: 400.498+/-0.000 χ^2/NDF : 1829262.7/2

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

400.439+/-0.000 χ^2/NDF : 957504044.7/14

400.437+/-0.000 χ^2/NDF : 650313125.1/11

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2779.0/4

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

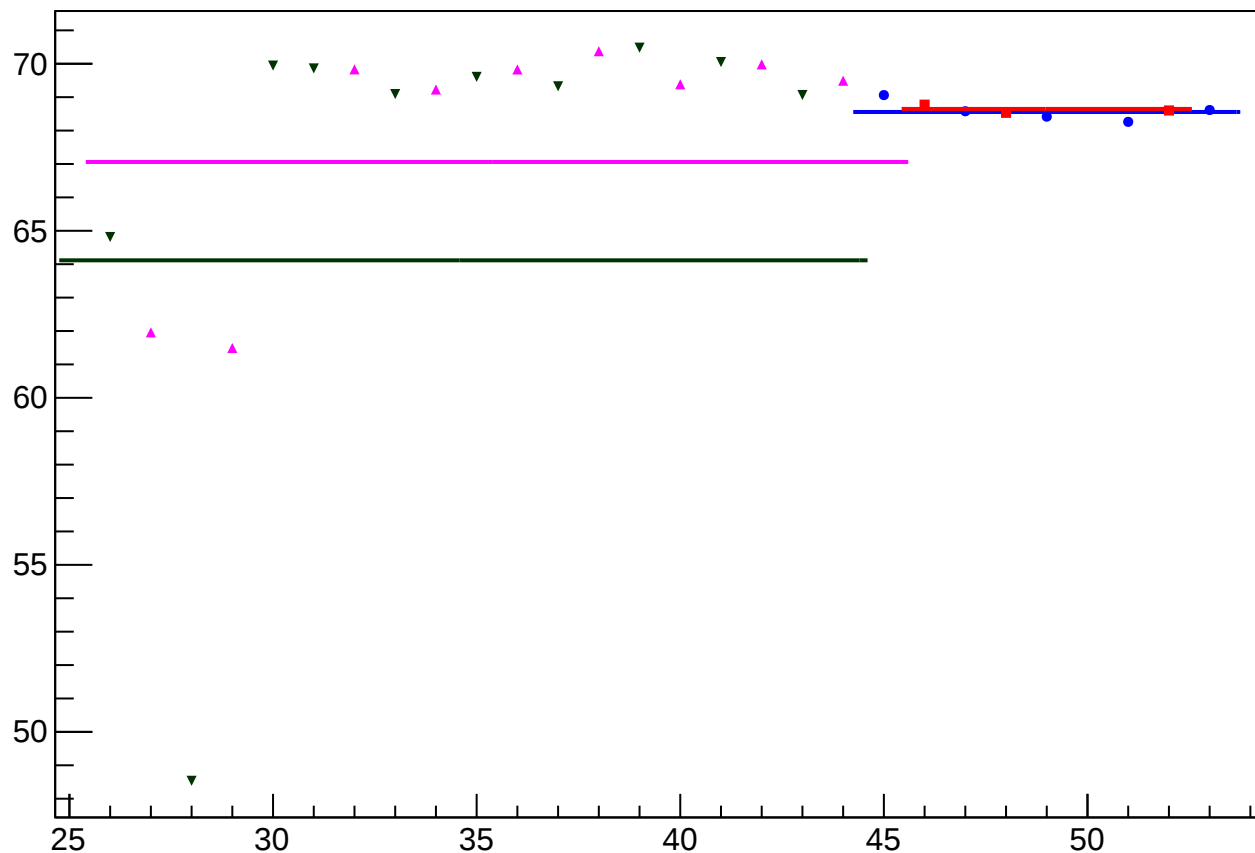
Right Out: 0.007+/-0.000 χ^2/NDF : 151.4/2

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

0.007+/-0.000 χ^2/NDF : 14766.3/14

0.007+/-0.000 χ^2/NDF : 3772.9/11

yield_cav4cQ_mean vs slug



Right In: 68.557+/-0.000 χ^2/NDF : 3298824.5/4

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

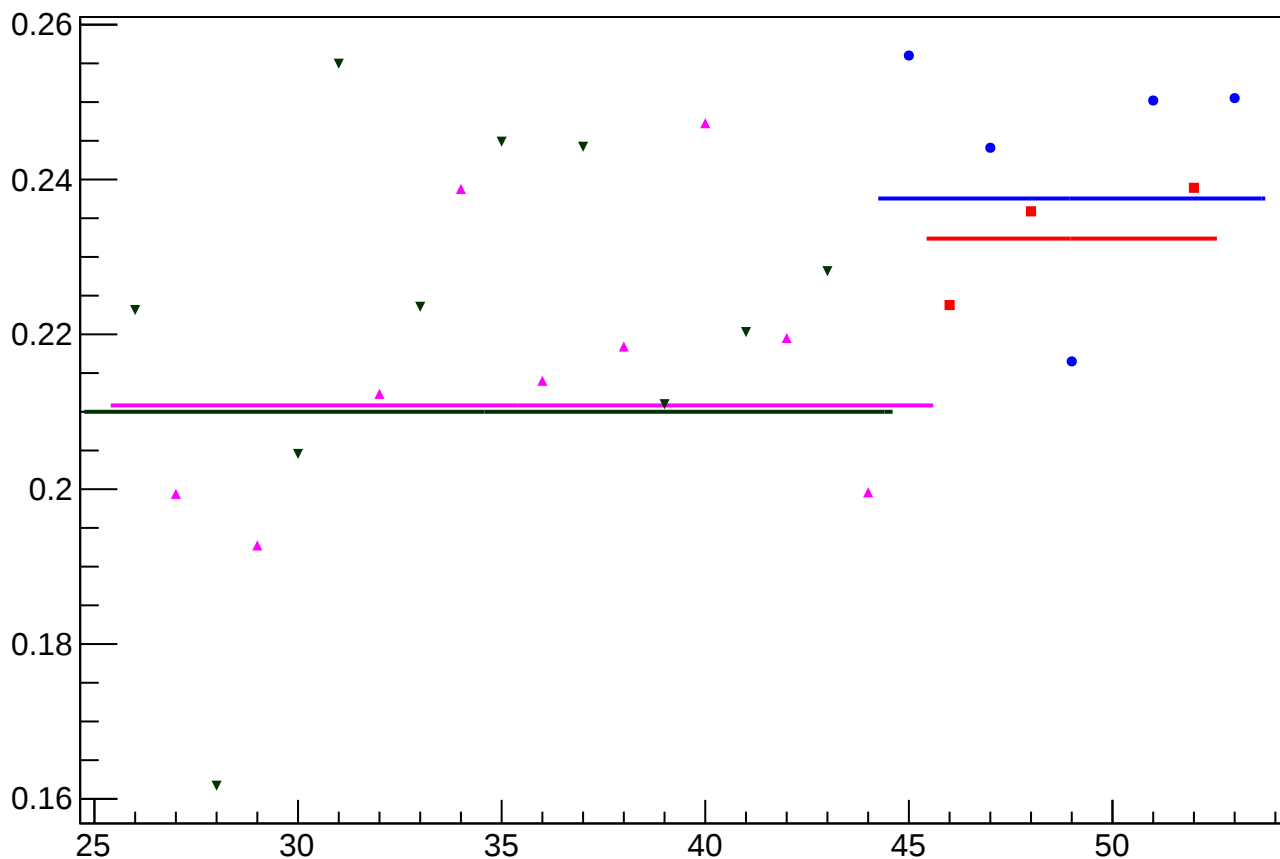
Right Out: 68.648+/-0.000 χ^2/NDF : 268359.2/2

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

65.558+/-0.000 χ^2/NDF : 9205464582.4/14

67.347+/-0.000 χ^2/NDF : 1705210014.4/11

yield_cav4cQ_rms vs slug



Right In: 0.238+/-0.000 χ^2/NDF : 28630.0/4

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

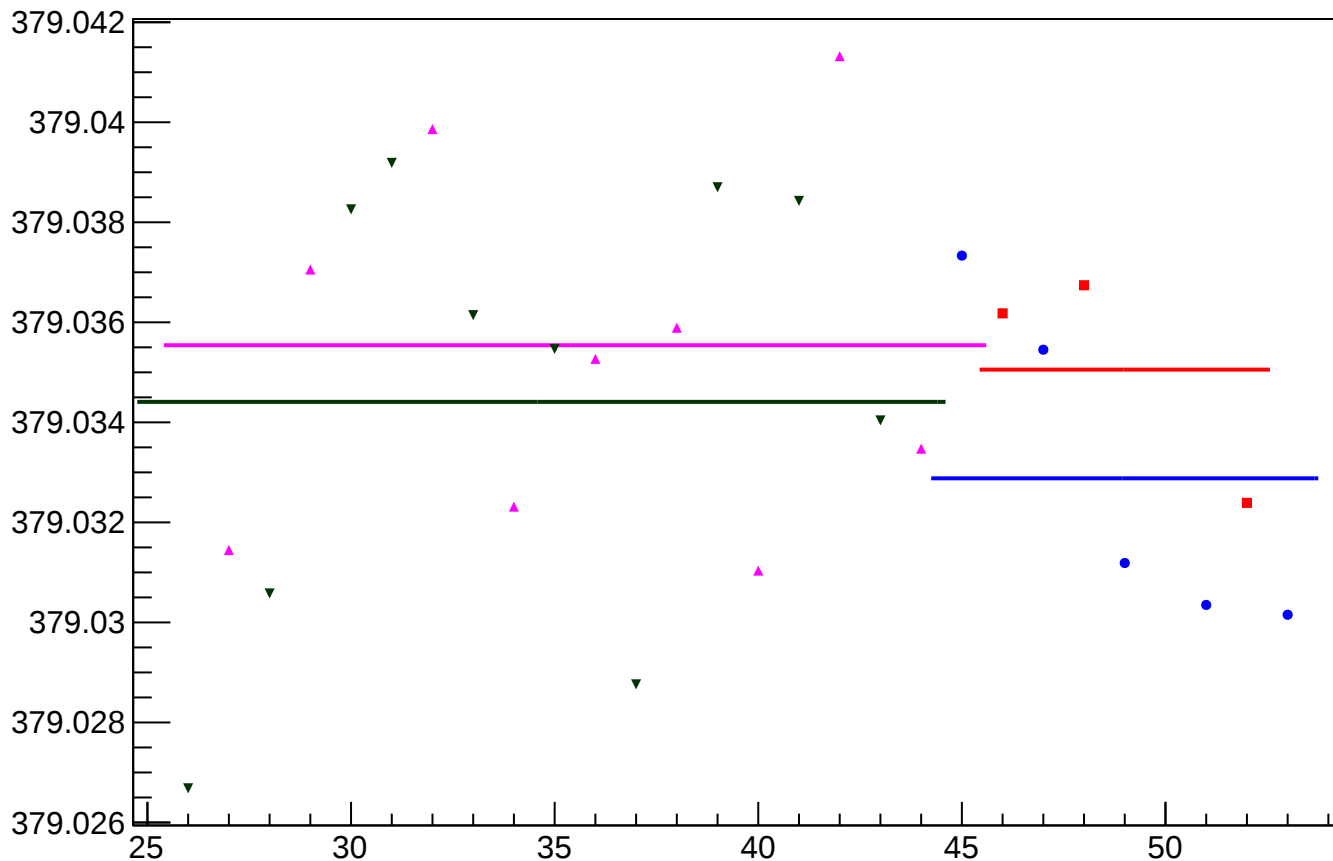
Right Out: 0.232+/-0.000 χ^2/NDF : 2318.3/2

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

0.219+/-0.000 χ^2/NDF : 276307.2/14

0.215+/-0.000 χ^2/NDF : 76894.4/11

yield_cav4dQ_mean vs slug



Right In: 379.033+/-0.000 χ^2/NDF : 529032.8/4

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

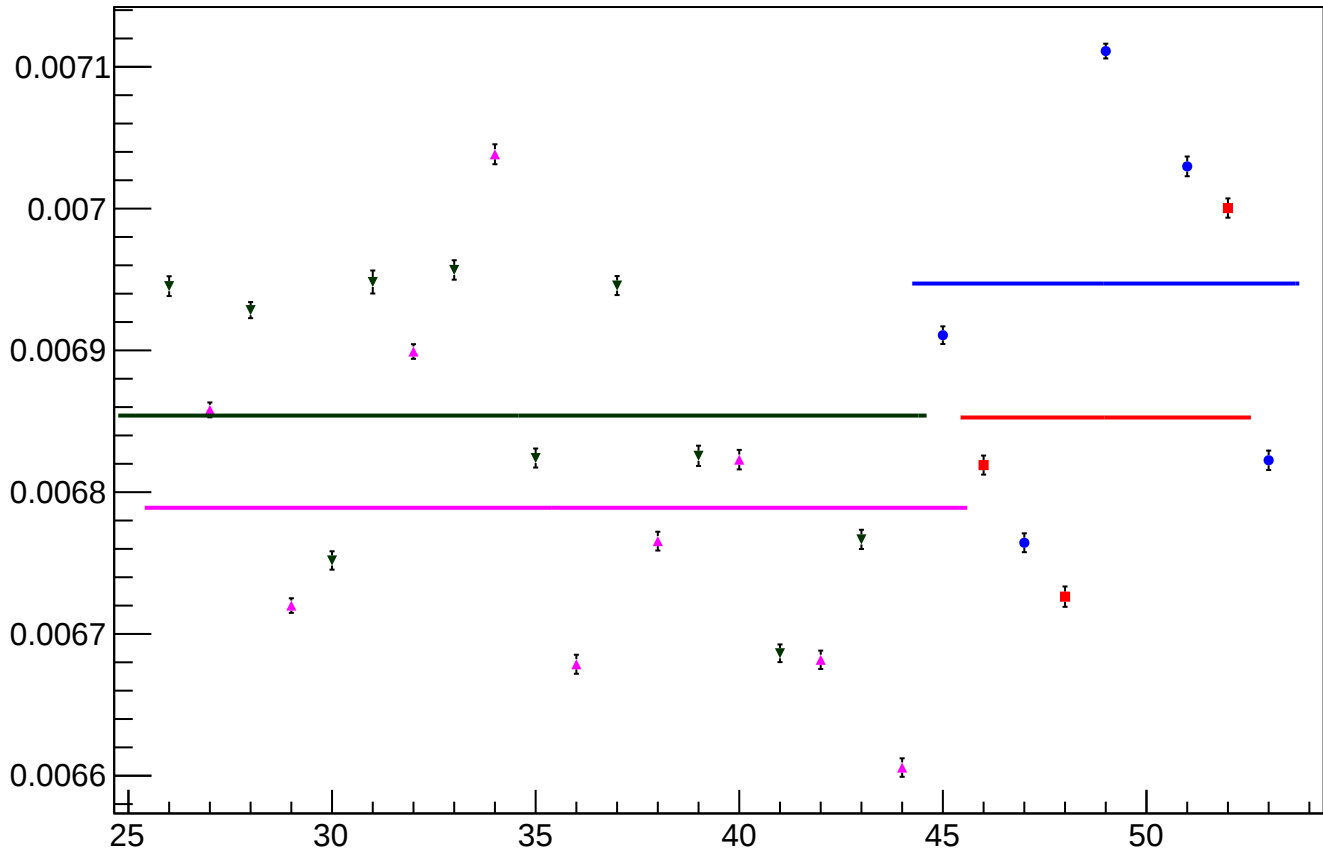
Right Out: 379.035+/-0.000 χ^2/NDF : 118344.5/2

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

379.034+/-0.000 χ^2/NDF : 2603846.0/14

379.035+/-0.000 χ^2/NDF : 1593390.4/11

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2254.8/4

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

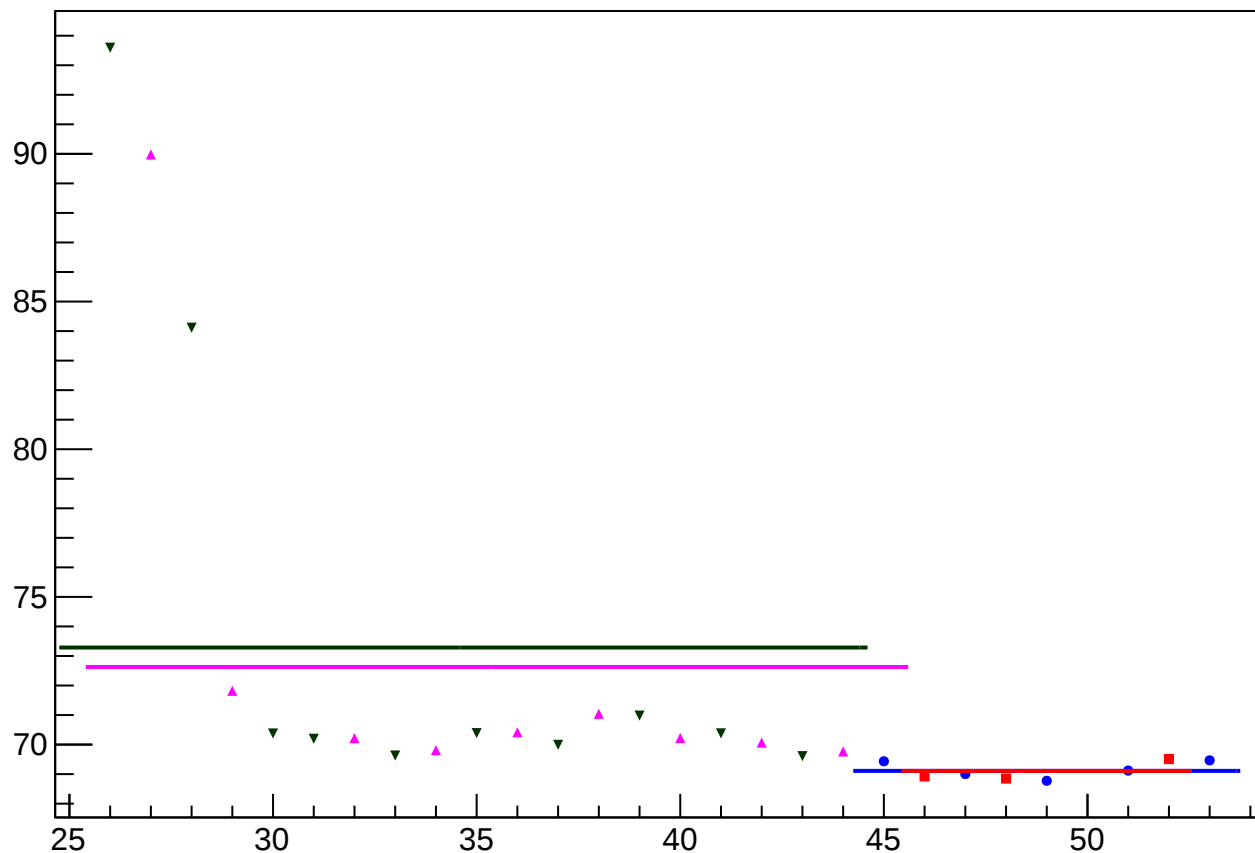
Right Out: 0.007+/-0.000 χ^2/NDF : 806.7/2

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

0.007+/-0.000 χ^2/NDF : 5020.0/14

0.007+/-0.000 χ^2/NDF : 4449.0/11

yield_bcm0l02_mean vs slug



Right In: 69.110+/-0.000 χ^2/NDF : 3076943.9/4

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

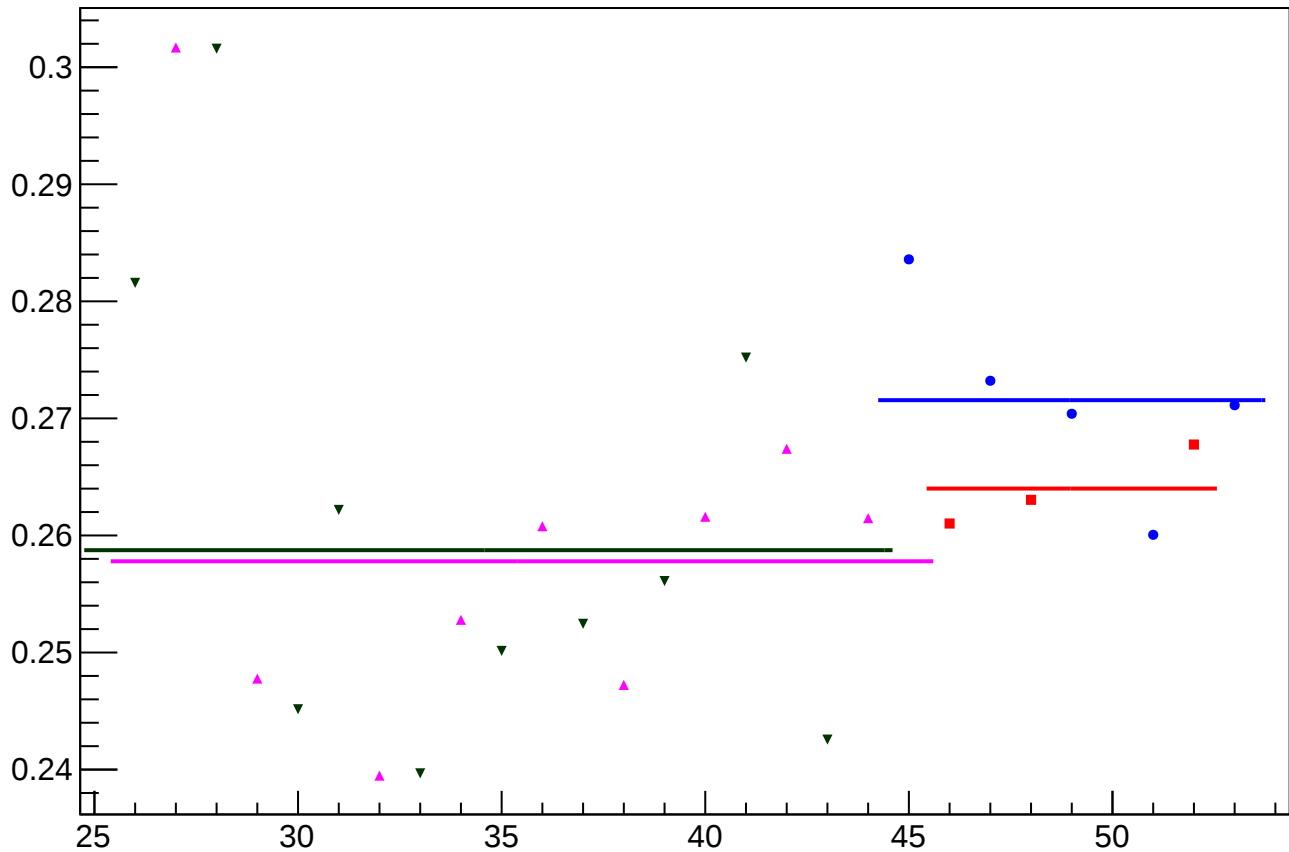
Right Out: 69.109+/-0.000 χ^2/NDF : 1803229.8/2

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

71.789+/-0.000 χ^2/NDF : 4172054876.6/14

71.912+/-0.000 χ^2/NDF : 3129639694.7/11

yield_bcm0l02_rms vs slug



Right In: 0.272 ± 0.000 χ^2/NDF : 4108.5/4

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

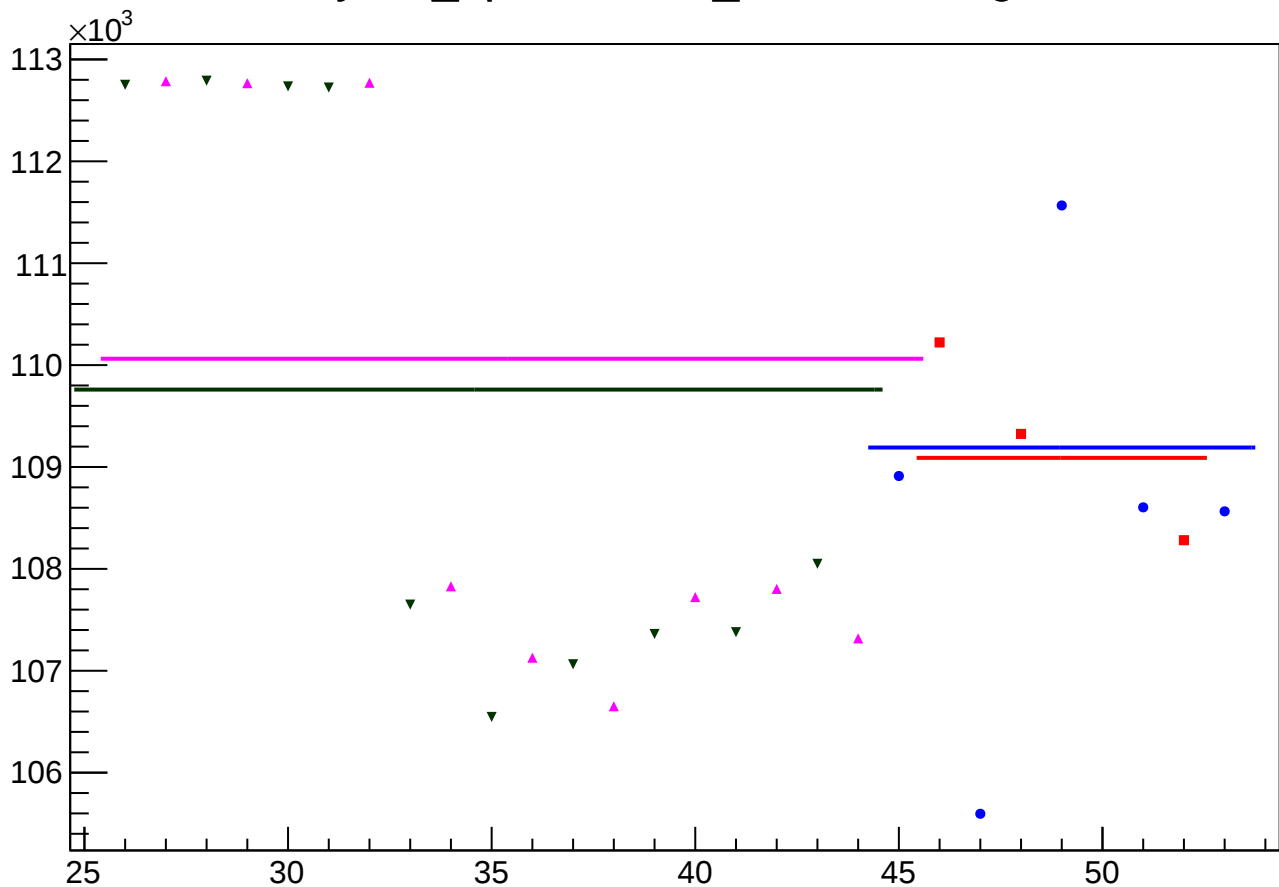
Right Out: 0.264 ± 0.000 χ^2/NDF : 339.1/2

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

0.263 ± 0.000 χ^2/NDF : 60938.4/14

0.259 ± 0.000 χ^2/NDF : 50802.6/11

yield_bpm2i01WS_mean vs slug



Right In: 109191.012 $\pm$ 0.078 χ^2 /NDF: 648466150.6/4

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

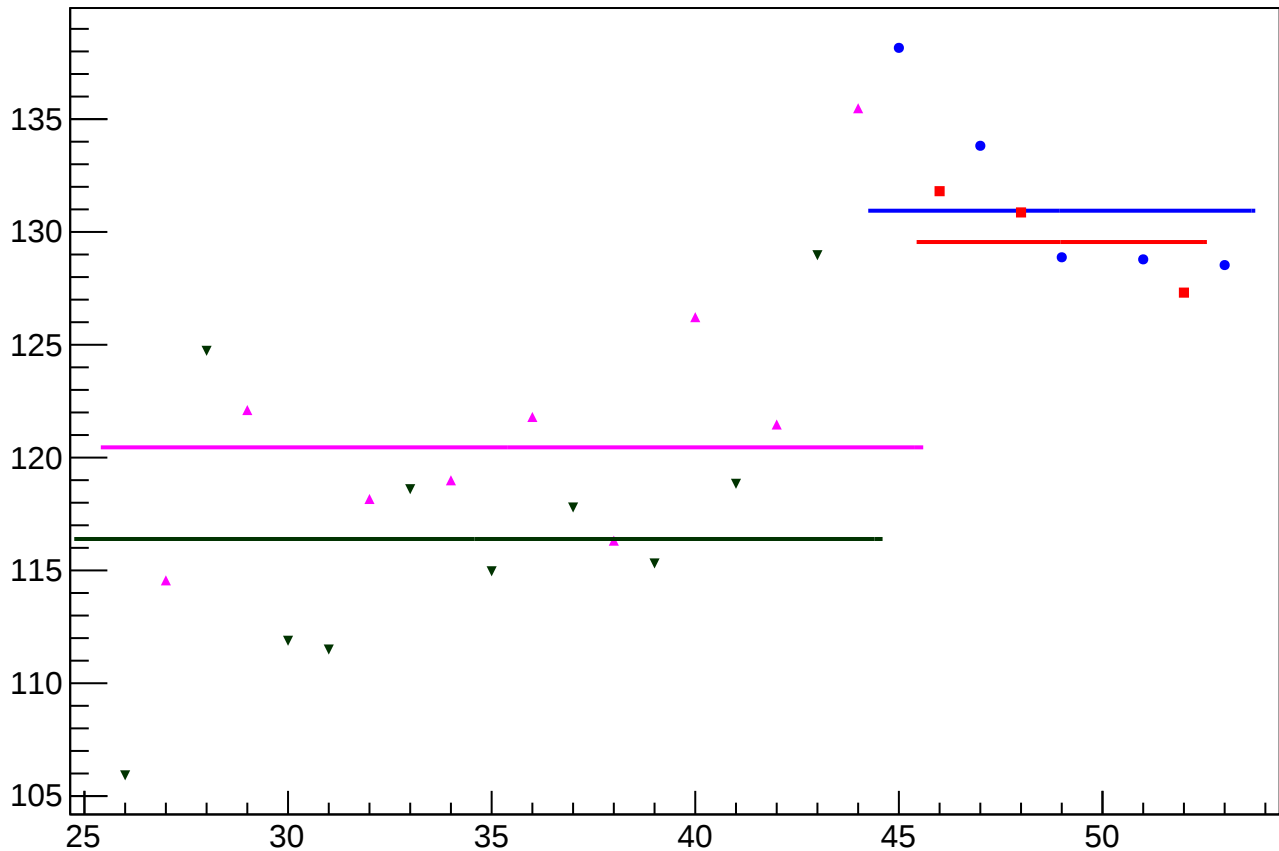
Right Out: 109089.682 $\pm$ 0.115 χ^2 /NDF: 46062724.2/2

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

109576.294 $\pm$ 0.044 χ^2 /NDF: 3272270196.9/14

109890.764 $\pm$ 0.048 χ^2 /NDF: 2694721860.2/11

yield_bpm2i01WS_rms vs slug



Right In: 130.941 ± 0.055 χ^2/NDF : 4121.2/4

Left Out: 116.393 ± 0.038 χ^2/NDF : 27352.1/9

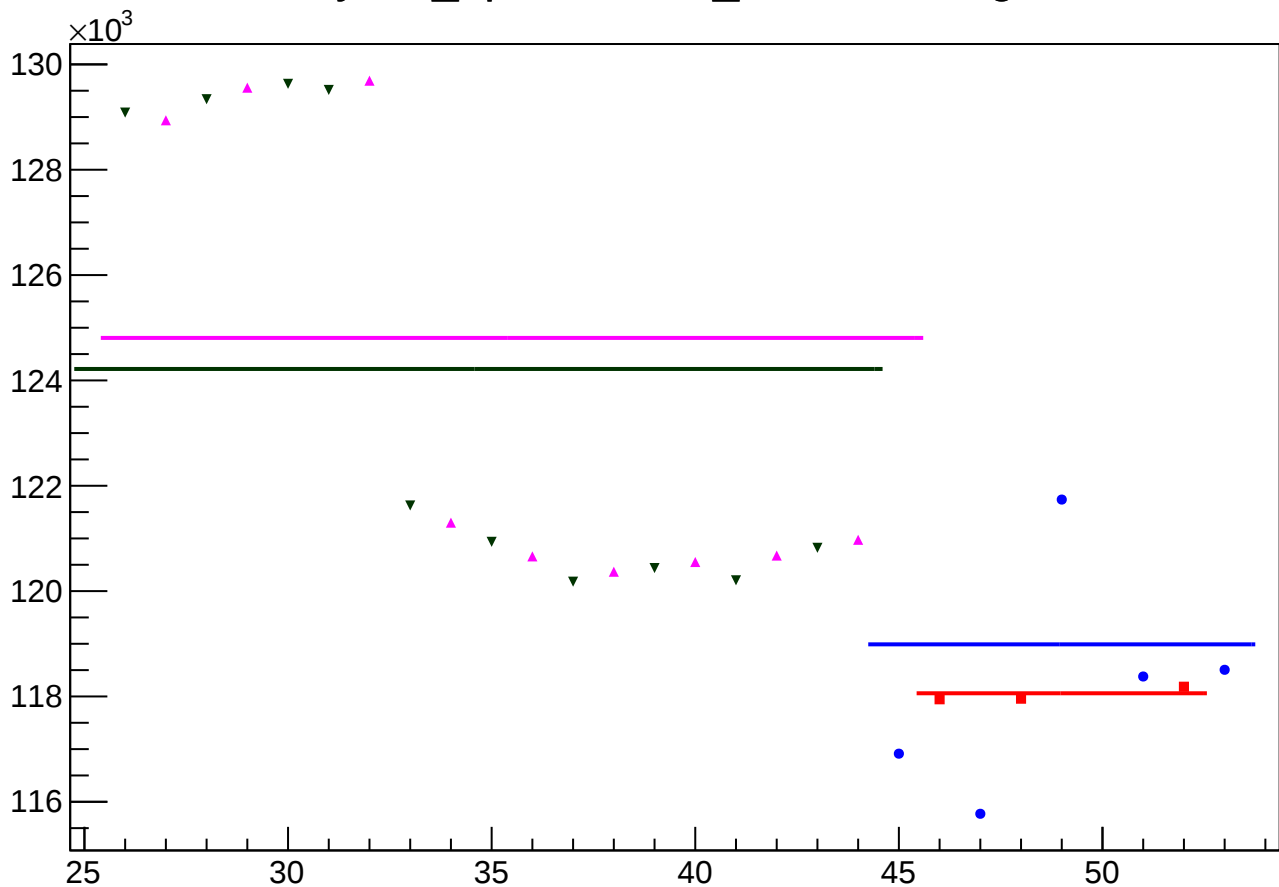
Right Out: 129.554 ± 0.081 χ^2/NDF : 598.0/2

Left In: 120.454 ± 0.038 χ^2/NDF : 19101.5/8

121.086 ± 0.031 χ^2/NDF : 78730.6/14

122.059 ± 0.034 χ^2/NDF : 29993.8/11

yield_bpm0i07WS_mean vs slug



Right In: 118989.181 $\pm$ 0.118 χ^2 /NDF: 328441737.8/4

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

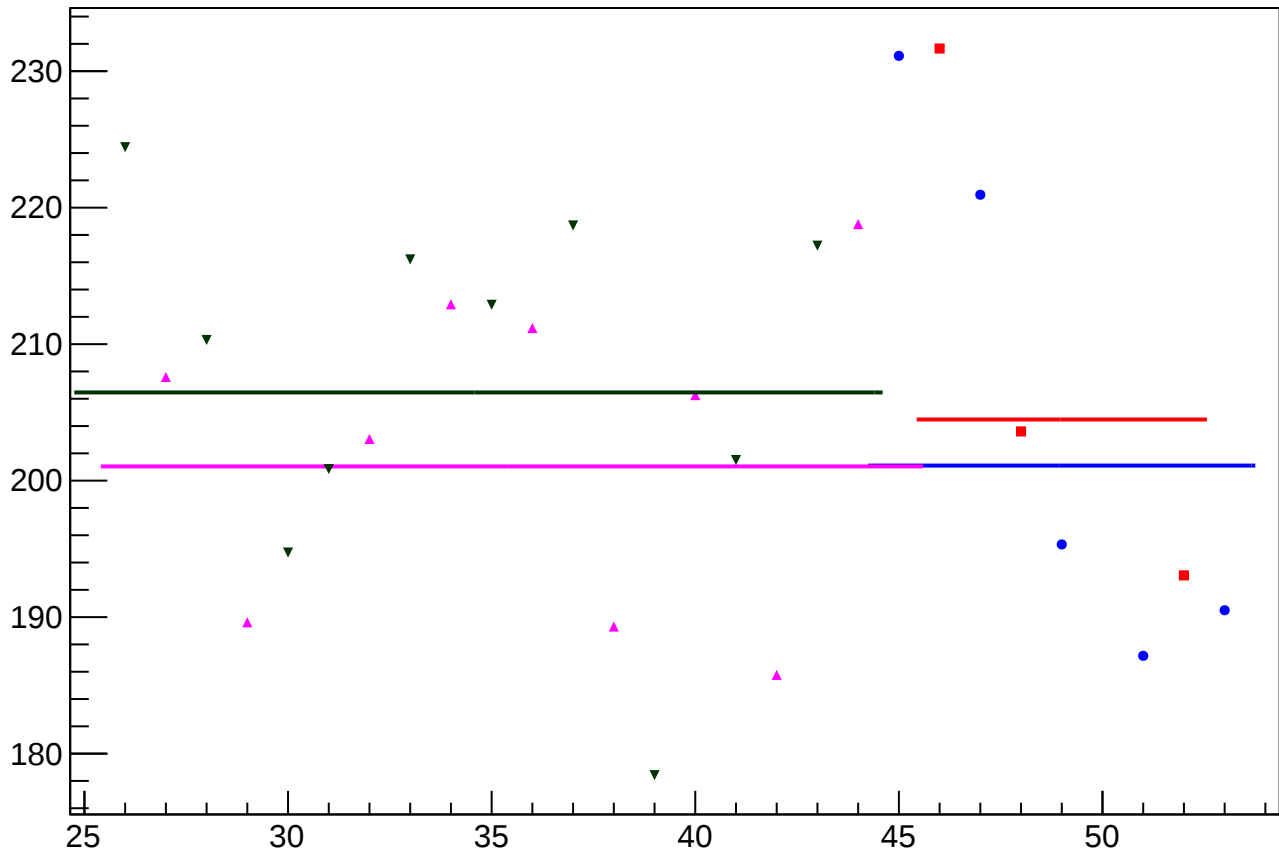
Right Out: 118060.324 $\pm$ 0.180 χ^2 /NDF: 409110.7/2

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

122258.310 $\pm$ 0.072 χ^2 /NDF: 3775151847.3/14

123579.782 $\pm$ 0.077 χ^2 /NDF: 3755583809.4/11

yield_bpm0i07WS_rms vs slug



Right In: 201.103+/-0.084 χ^2/NDF : 35897.1/4

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

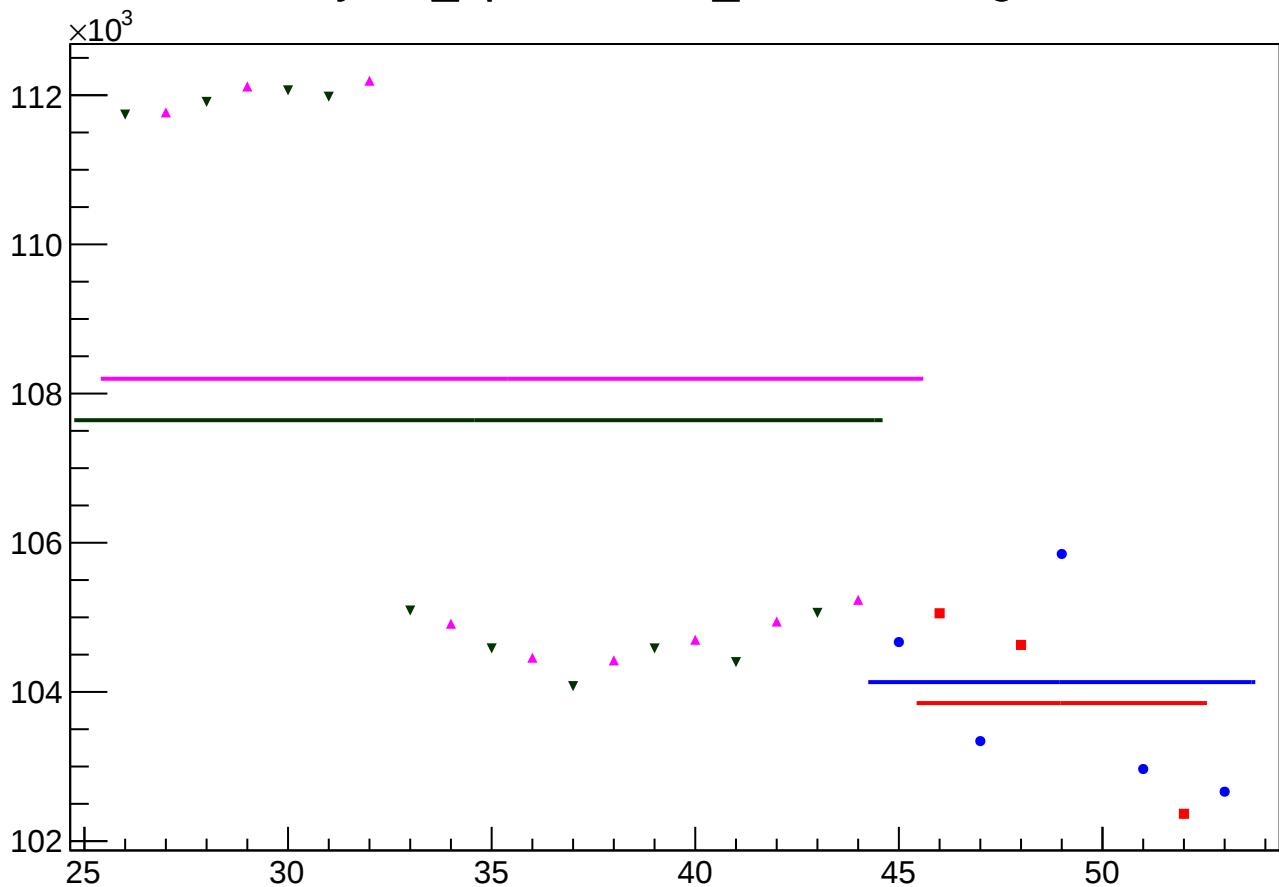
Right Out: 204.480+/-0.128 χ^2/NDF : 13031.3/2

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

204.453+/-0.051 χ^2/NDF : 79936.7/14

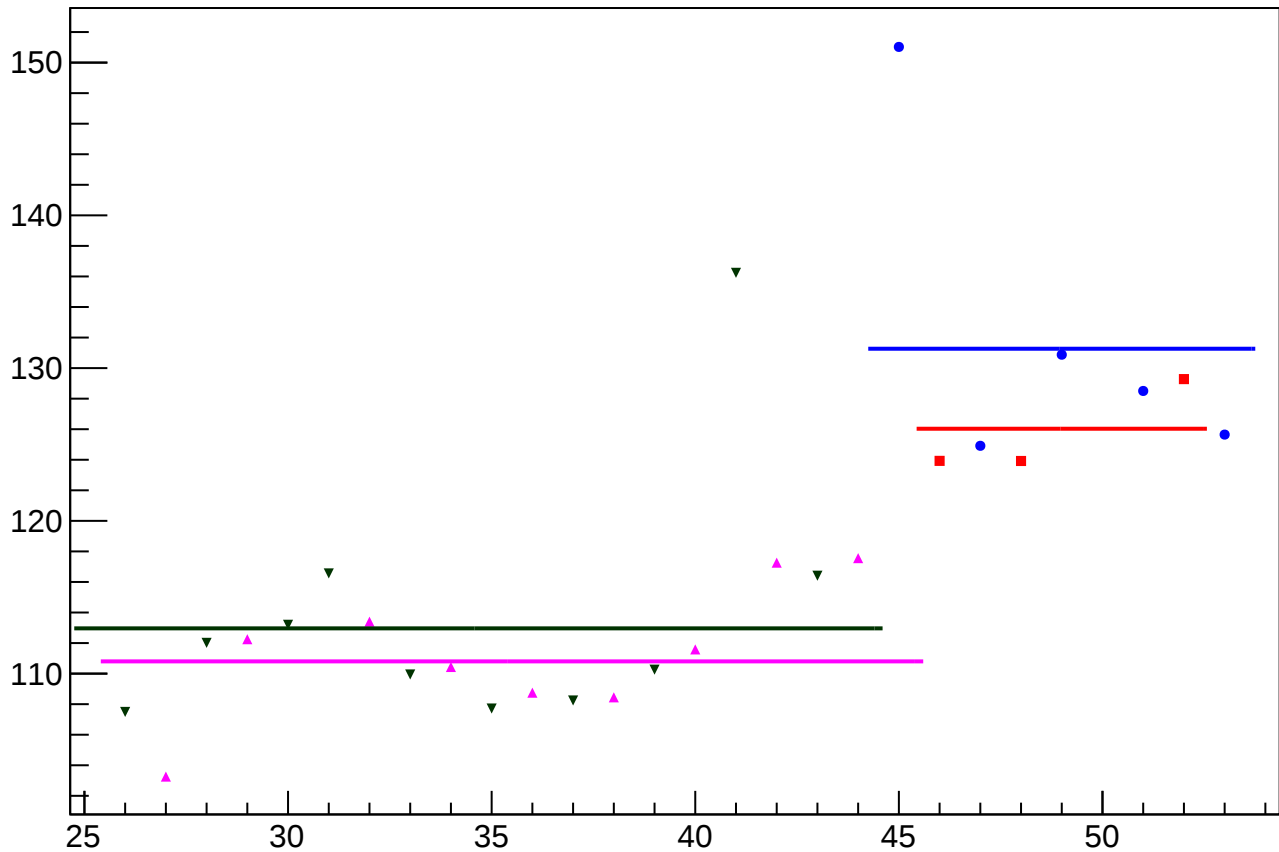
201.667+/-0.054 χ^2/NDF : 45228.4/11

yield_bpm0l01WS_mean vs slug



Right In: 104131.631 $\pm$ 0.077	χ^2/NDF : 291806224.6/4	106600.929 $\pm$ 0.042	χ^2/NDF : 6892383326.2/14
Left Out: 107642.924 $\pm$ 0.050	χ^2/NDF : 5150705476.1/9		
Right Out: 103850.799 $\pm$ 0.112	χ^2/NDF : 117105350.6/2	107545.229 $\pm$ 0.043	χ^2/NDF : 7399034555.7/11
Left In: 108198.509 $\pm$ 0.047	χ^2/NDF : 5989947255.4/8		

yield_bpm0l01WS_rms vs slug



Right In: 131.268 ± 0.055 χ^2/NDF : 22991.5/4

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

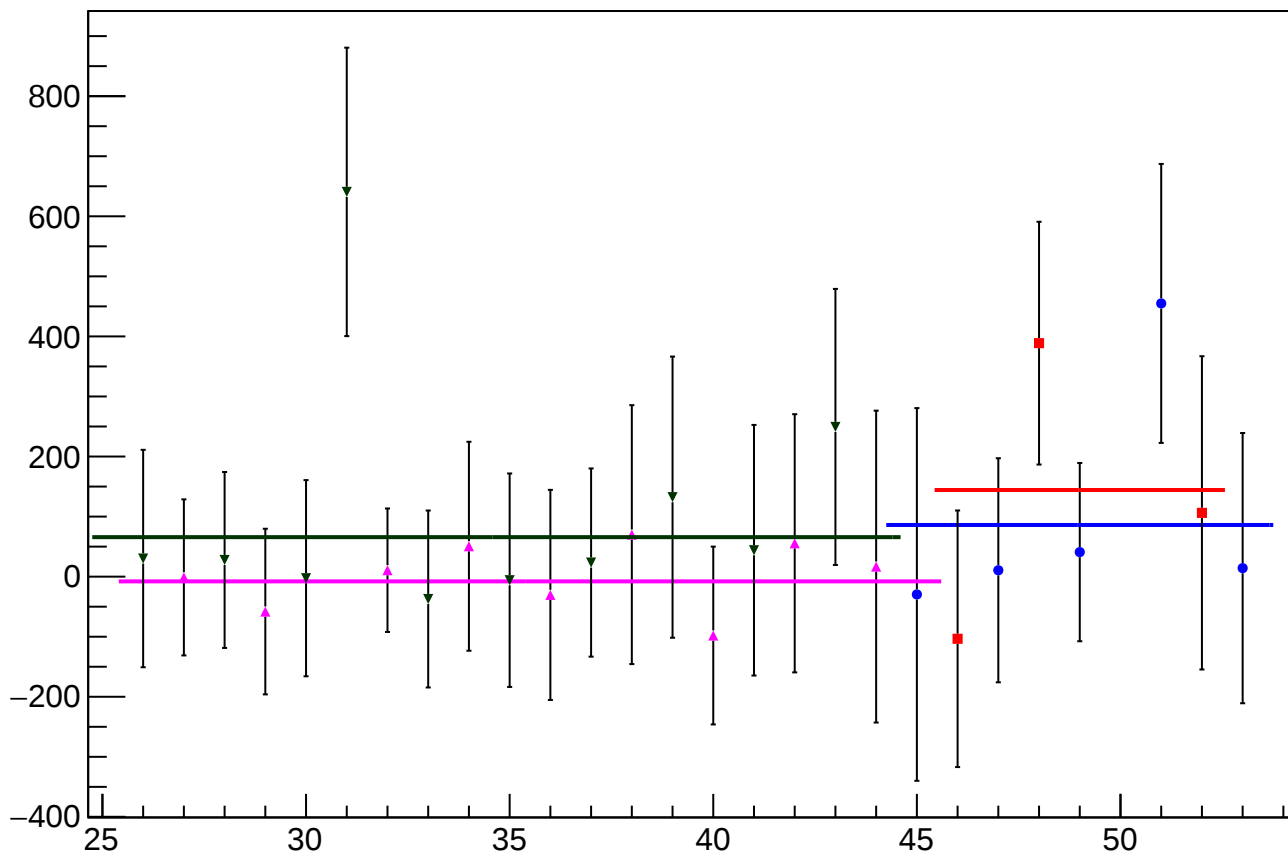
Right Out: 126.031 ± 0.079 χ^2/NDF : 1101.8/2

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

118.395 ± 0.030 χ^2/NDF : 144868.0/14

113.089 ± 0.031 χ^2/NDF : 50316.8/11

asym_bcm_an_ds_mean vs slug



Right In: 86.050 $\pm$ 90.236 χ^2/NDF : 3.0/4

Left Out: 65.780 $\pm$ 56.744 χ^2/NDF : 7.5/9

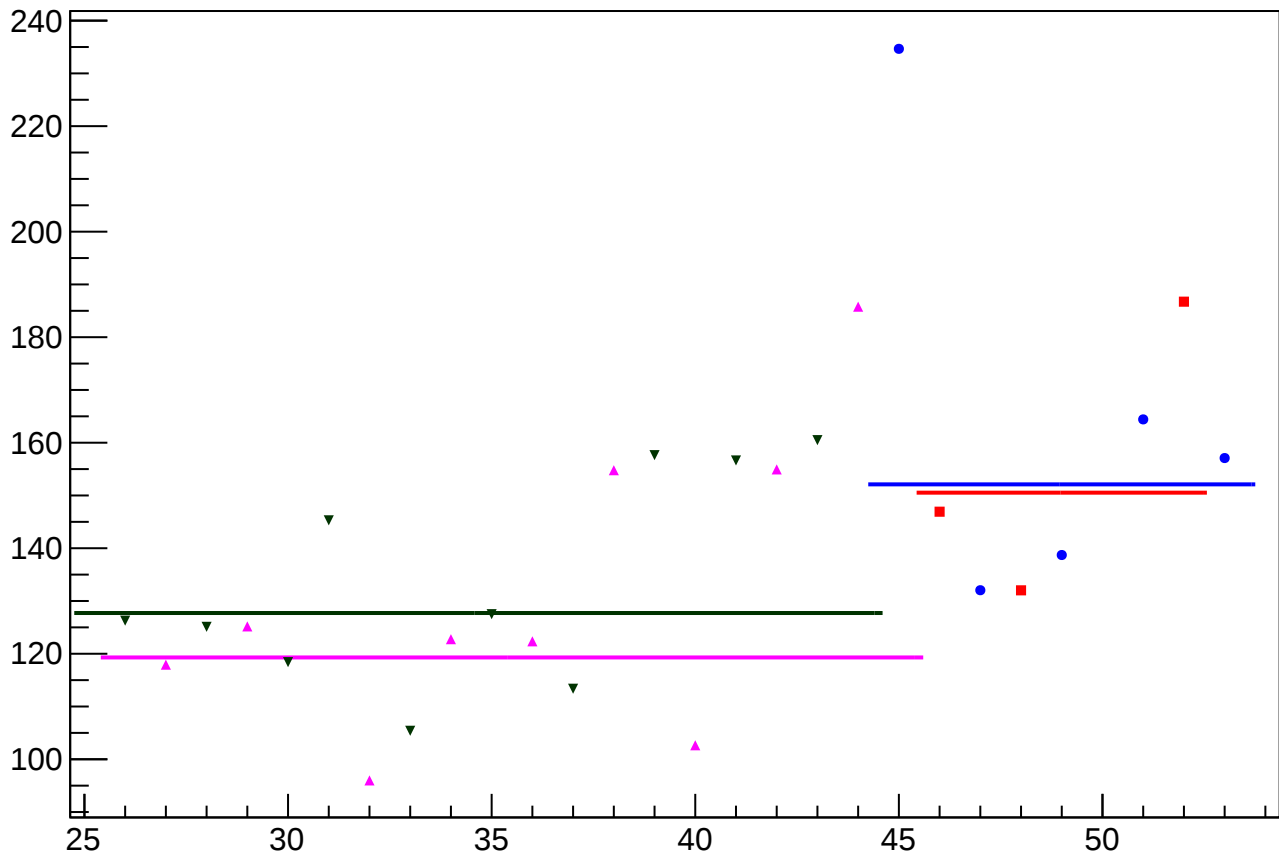
Right Out: 144.256 $\pm$ 127.932 χ^2/NDF : 2.8/2

Left In: -7.861 $\pm$ 51.585 χ^2/NDF : 0.9/8

71.524 $\pm$ 48.035 χ^2/NDF : 10.5/14

13.412 $\pm$ 47.842 χ^2/NDF : 4.9/11

asym_bcm_an_ds_rms vs slug



Right In: 152.105+/-0.064 χ^2/NDF : 187585.0/4

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

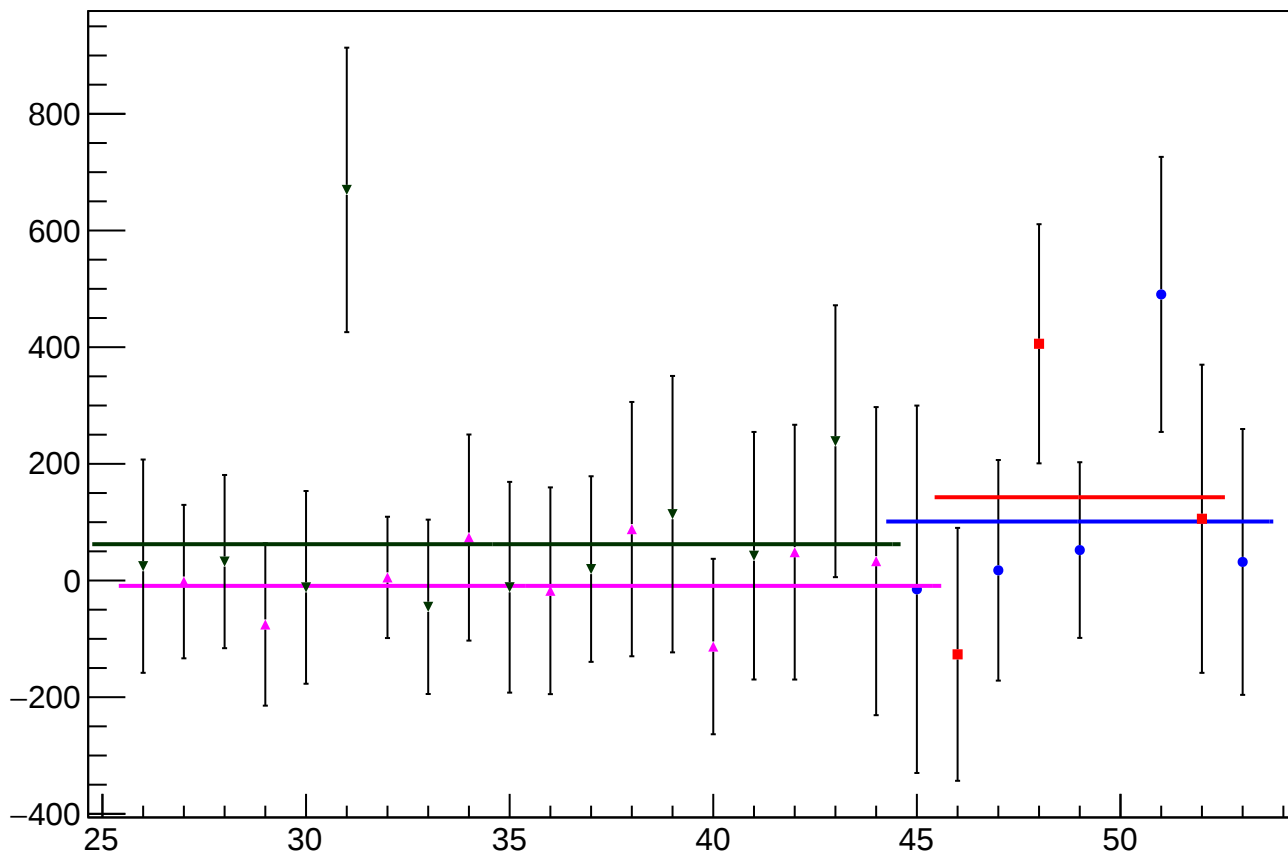
Right Out: 150.532+/-0.090 χ^2/NDF : 55884.4/2

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

134.632+/-0.034 χ^2/NDF : 484652.6/14

123.666+/-0.034 χ^2/NDF : 532101.6/11

asym_bcm_an_ds3_mean vs slug



Right In: 101.151 $\pm$ 91.516 χ^2 /NDF: 3.3/4

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

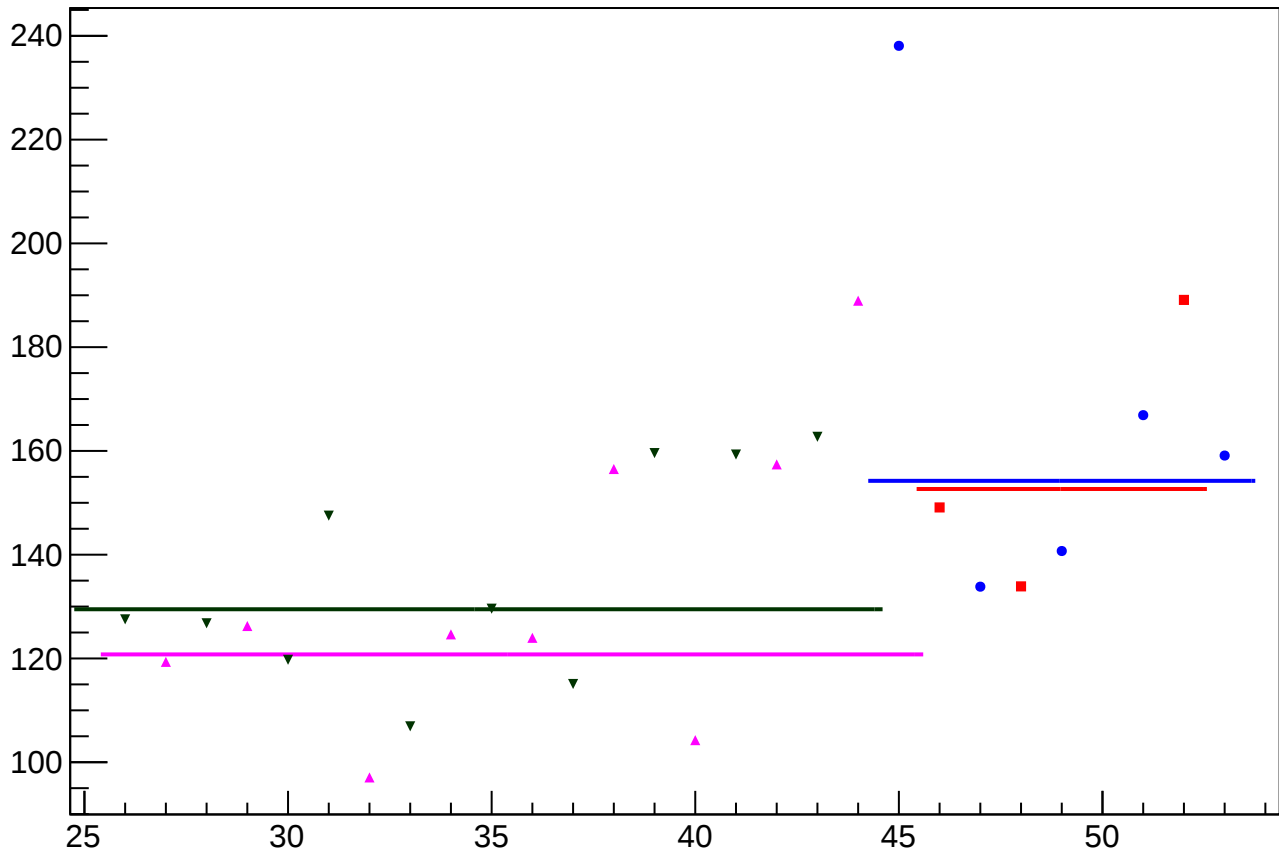
Right Out: 142.773 $\pm$ 129.735 χ^2 /NDF: 3.2/2

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

73.280 $\pm$ 48.707 χ^2 /NDF: 11.3/14

12.034 $\pm$ 48.459 χ^2 /NDF: 5.6/11

asym_bcm_an_ds3_rms vs slug



Right In: 154.235+/-0.065 χ^2/NDF : 187870.1/4

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

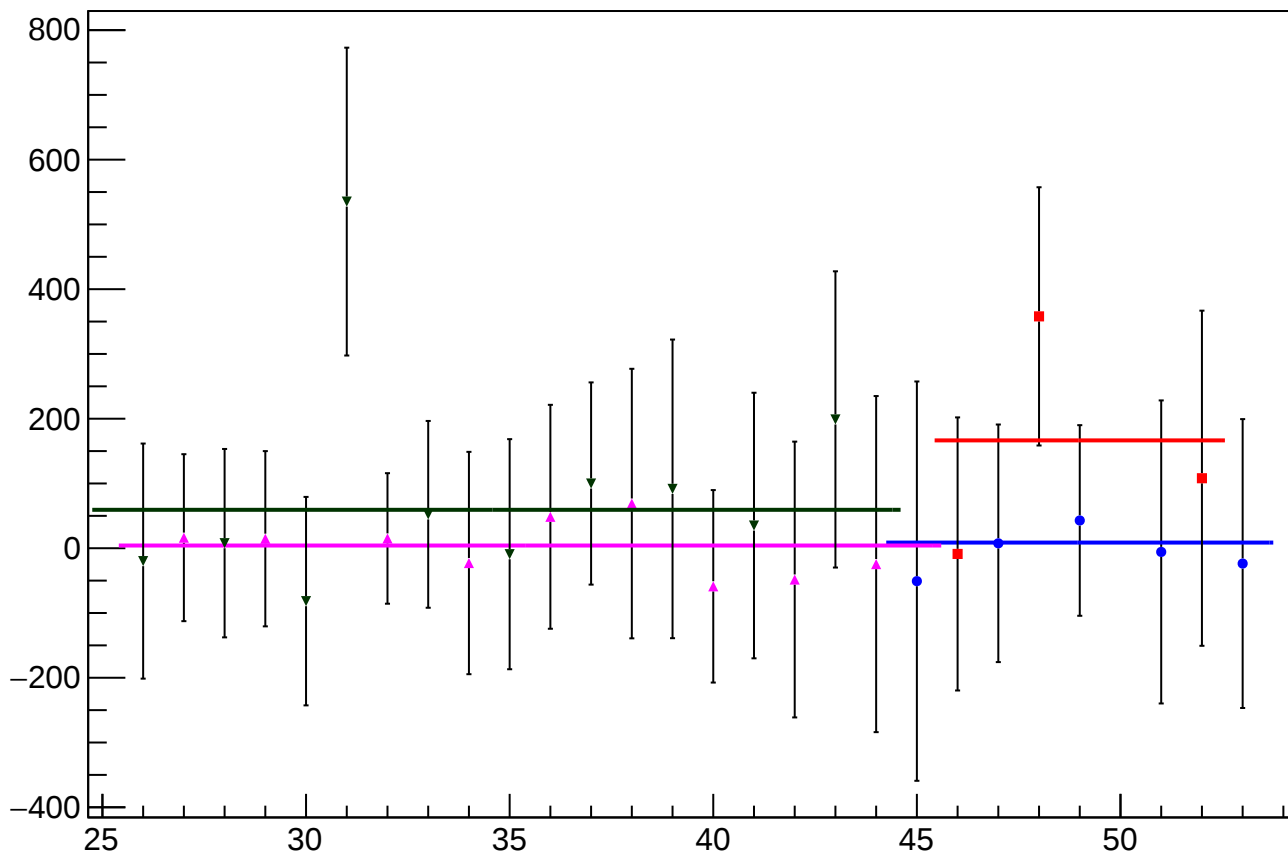
Right Out: 152.663+/-0.092 χ^2/NDF : 55384.5/2

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

136.494+/-0.034 χ^2/NDF : 486004.3/14

125.228+/-0.034 χ^2/NDF : 535709.2/11

asym_bcm_an_us_mean vs slug



Right In: 8.734 ± 89.523 $\chi^2/\text{NDF}: 0.1/4$

Left Out: 59.322 ± 56.217 $\chi^2/\text{NDF}: 5.7/9$

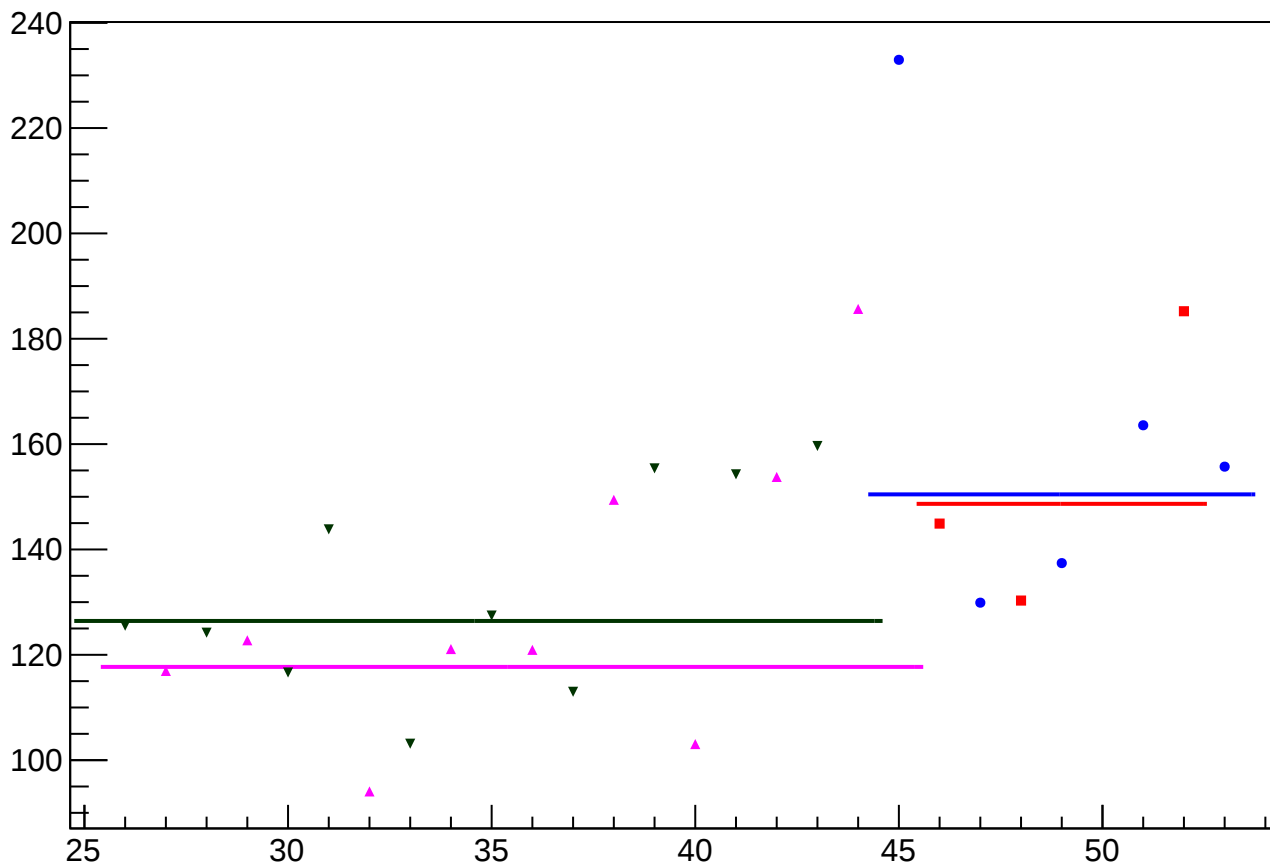
Right Out: 166.515 ± 126.404 $\chi^2/\text{NDF}: 1.7/2$

Left In: 4.192 ± 50.903 $\chi^2/\text{NDF}: 0.5/8$

45.015 ± 47.608 $\chi^2/\text{NDF}: 6.1/14$

26.842 ± 47.218 $\chi^2/\text{NDF}: 3.6/11$

asym_bcm_an_us_rms vs slug



Right In: 150.457 ± 0.063 χ^2/NDF : 191437.3/4

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

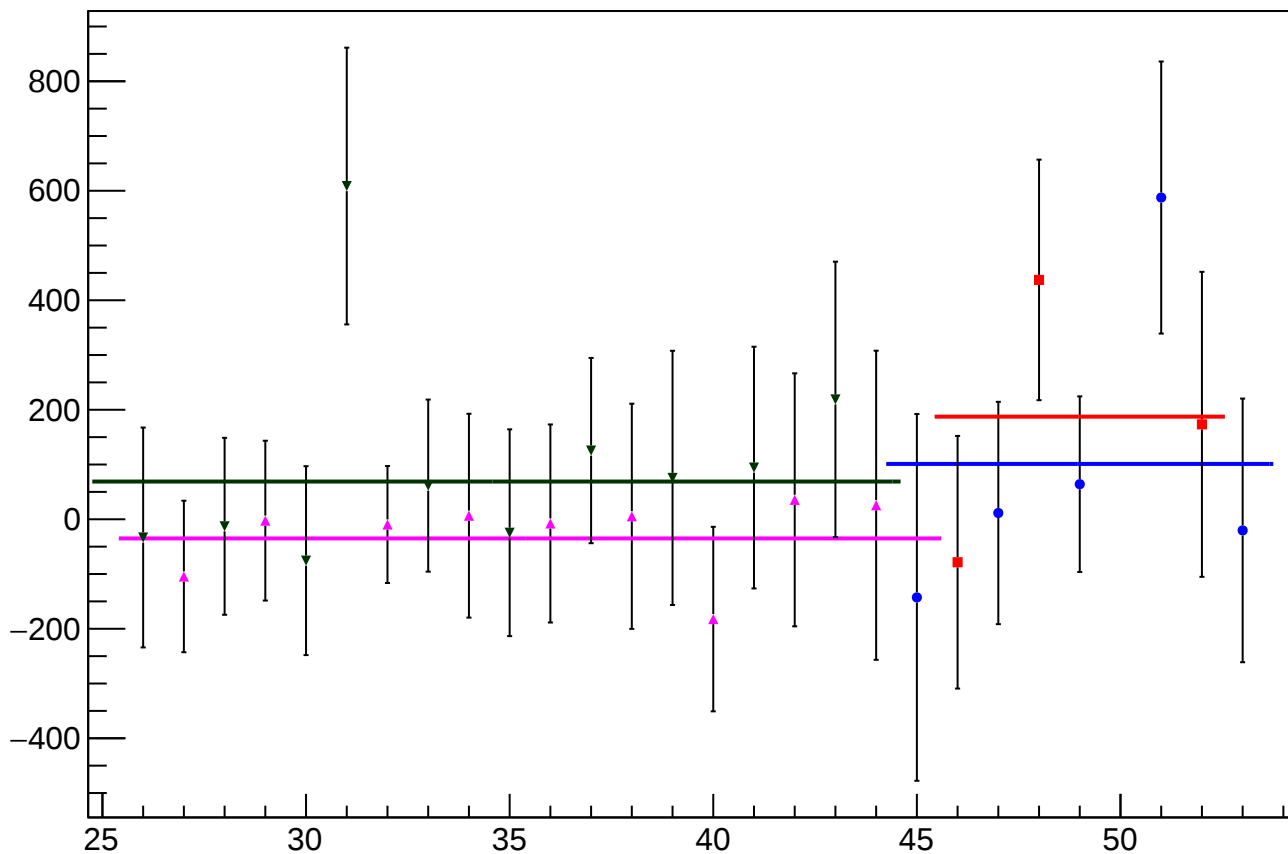
Right Out: 148.659 ± 0.089 χ^2/NDF : 57527.8/2

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

133.224 ± 0.034 χ^2/NDF : 491128.8/14

122.024 ± 0.033 χ^2/NDF : 535567.8/11

asym_bcm_dg_us_mean vs slug



Right In: 101.082 ± 97.360 χ^2/NDF : 4.9/4

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

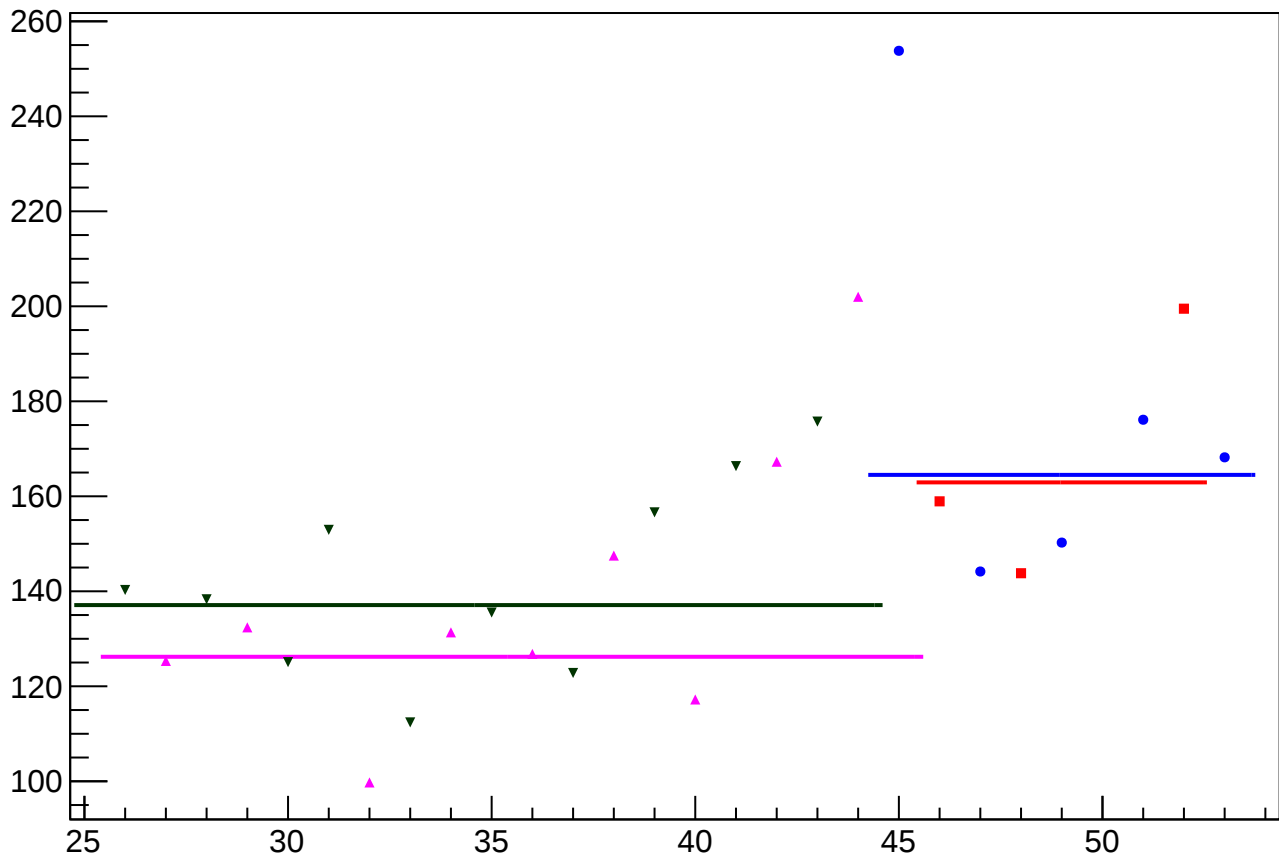
Right Out: 187.432 ± 138.146 χ^2/NDF : 2.6/2

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

77.928 ± 51.557 χ^2/NDF : 11.5/14

-5.012 ± 50.711 χ^2/NDF : 6.2/11

asym_bcm_dg_us_rms vs slug



Right In: 164.508 $\pm$ 0.069 χ^2 /NDF: 182824.8/4

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

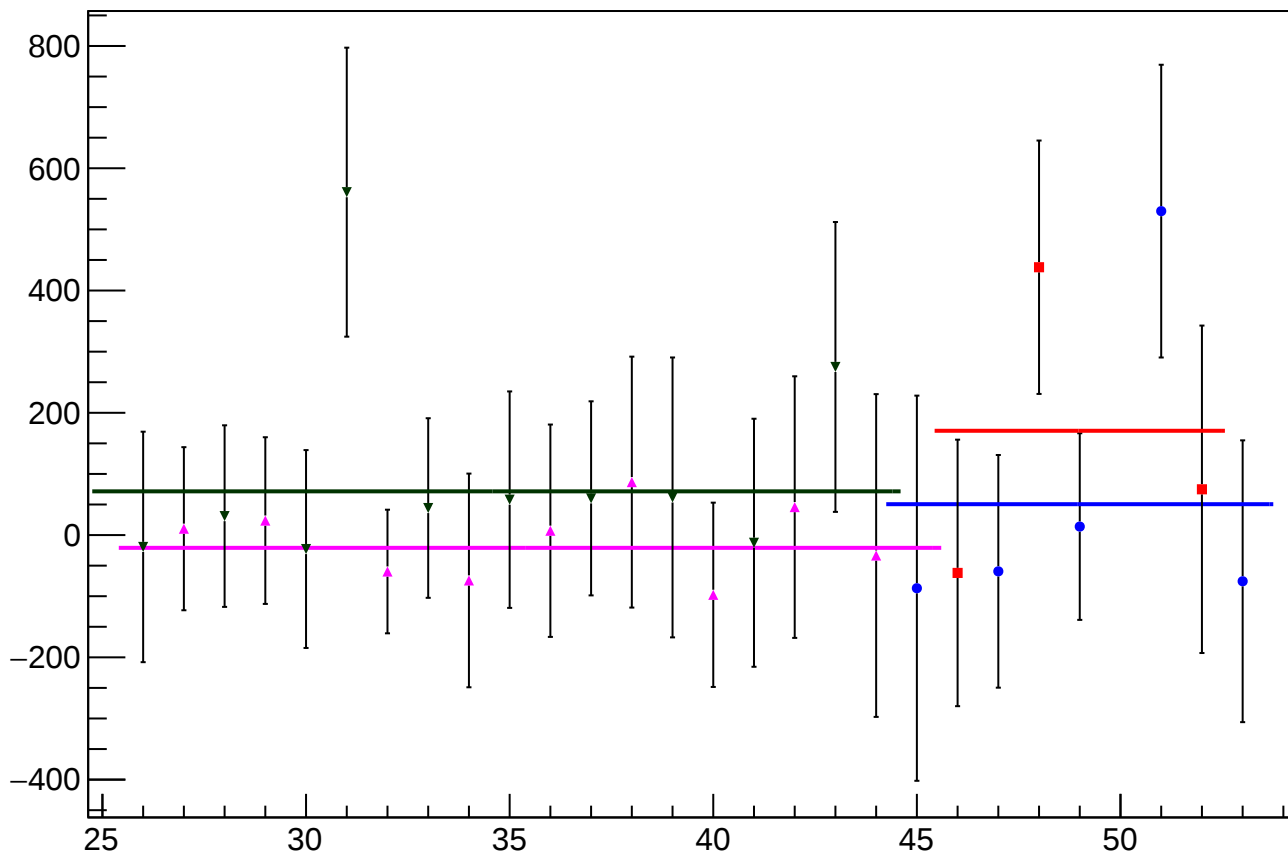
Right Out: 162.927 $\pm$ 0.098 χ^2 /NDF: 50230.5/2

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

144.783 $\pm$ 0.036 χ^2 /NDF: 475343.5/14

131.159 $\pm$ 0.036 χ^2 /NDF: 534969.5/11

asym_bcm_dg_ds_mean vs slug



Right In: 50.520 $\pm$ 92.496 χ^2/NDF : 4.9/4

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

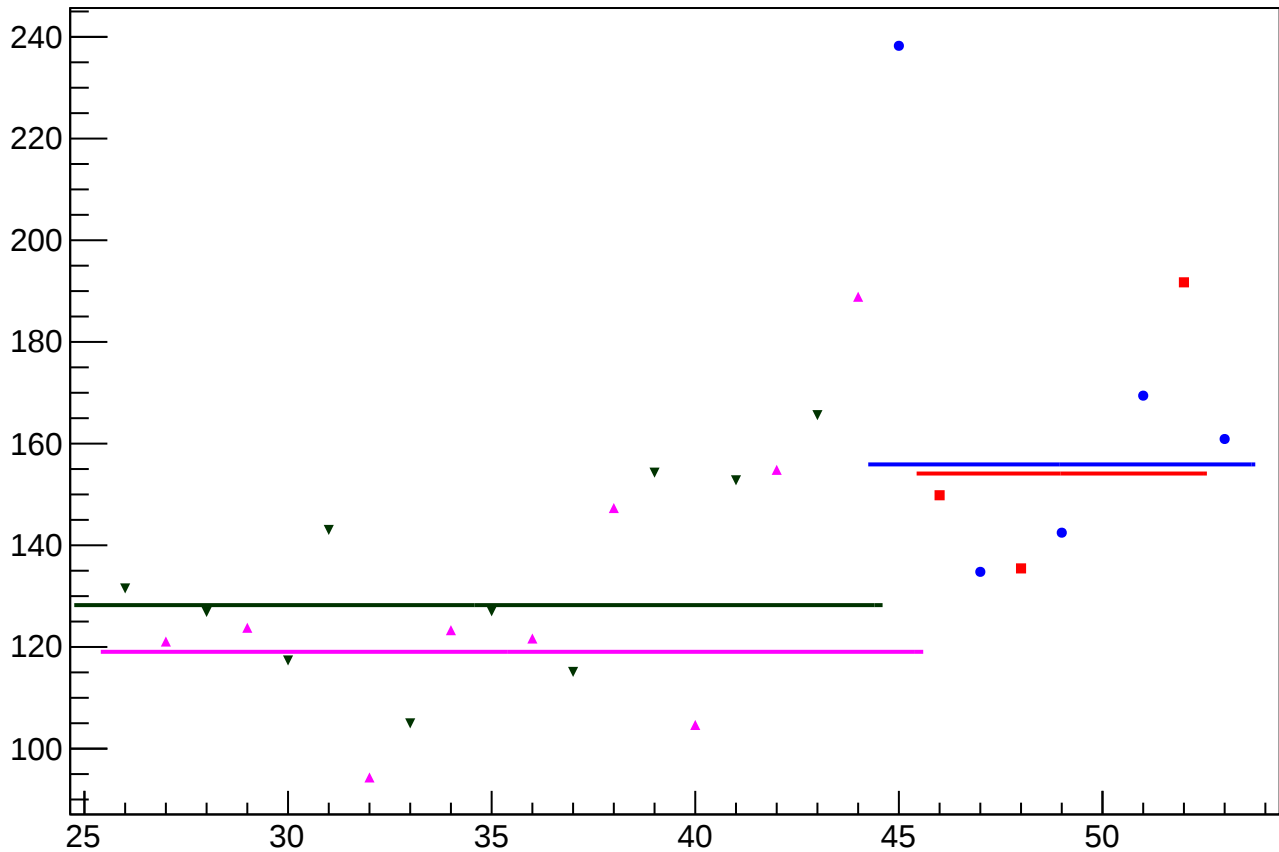
Right Out: 170.599 $\pm$ 130.994 χ^2/NDF : 2.9/2

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

65.748 $\pm$ 48.475 χ^2/NDF : 10.8/14

4.715 $\pm$ 47.894 χ^2/NDF : 5.8/11

asym_bcm_dg_ds_rms vs slug



Right In: 155.909 ± 0.065 χ^2/NDF : 184100.4/4

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

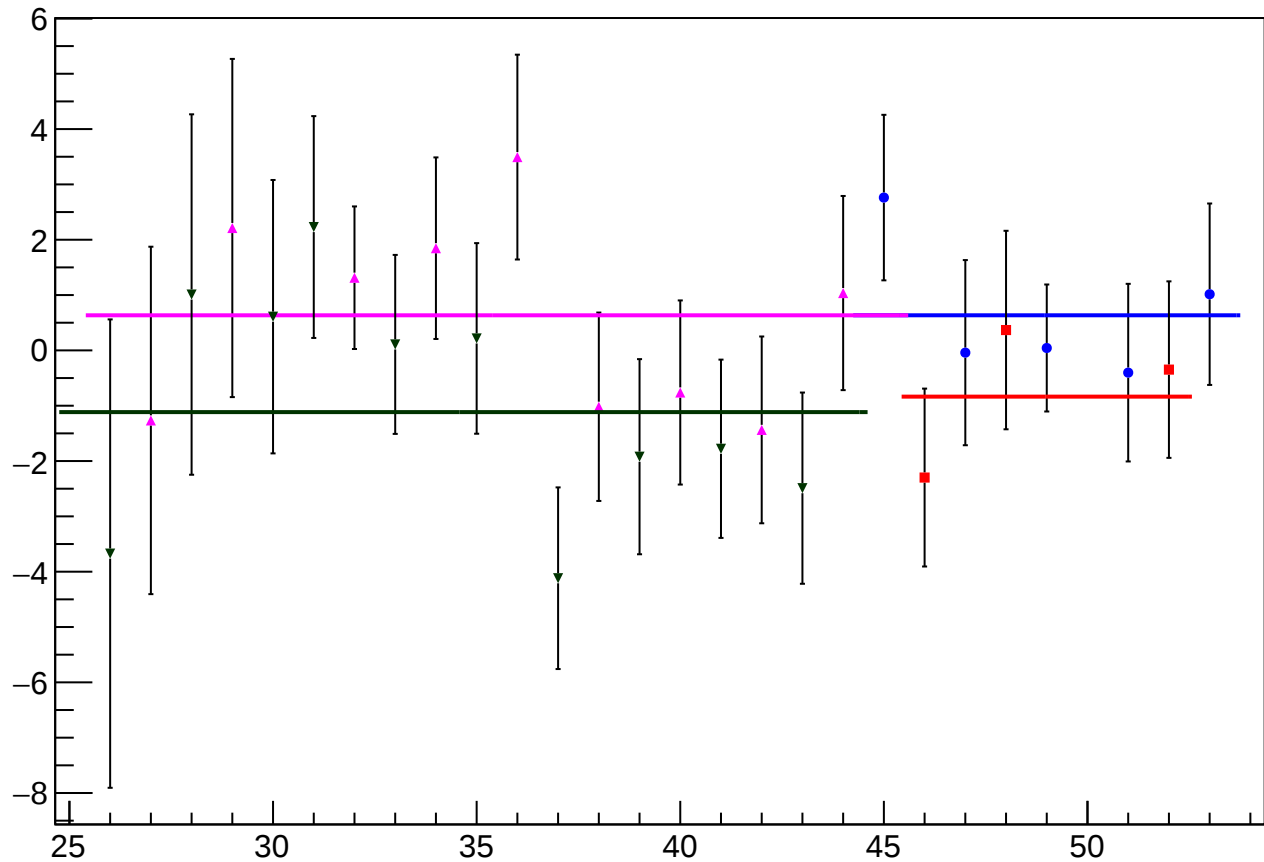
Right Out: 154.115 ± 0.093 χ^2/NDF : 56429.4/2

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

135.834 ± 0.034 χ^2/NDF : 500458.2/14

123.736 ± 0.034 χ^2/NDF : 556722.5/11

asym_cav4bQ_mean vs slug



Right In: 0.634+/-0.656 χ^2/NDF : 2.9/4

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

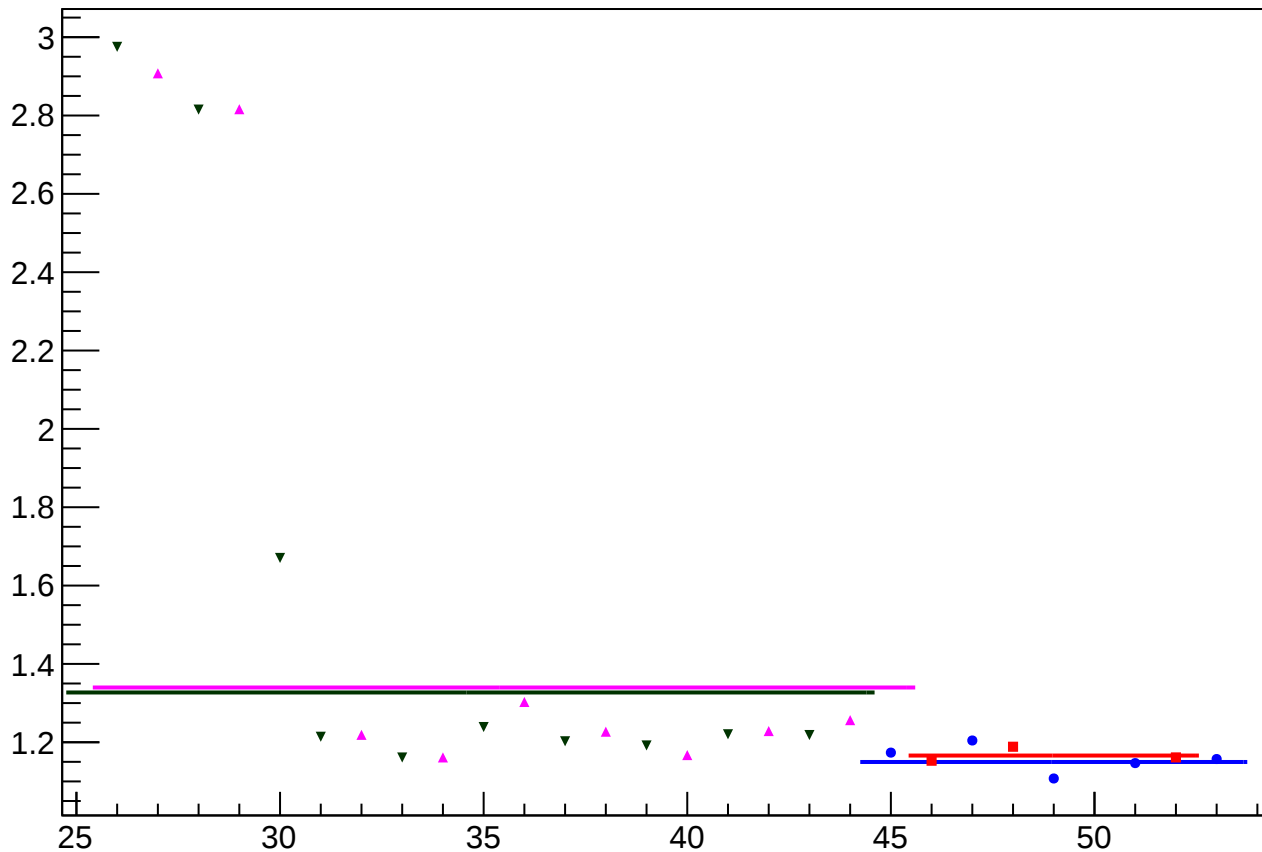
-0.305+/-0.446 χ^2/NDF : 16.3/14

Right Out: -0.836+/-0.958 χ^2/NDF : 1.4/2

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

0.228+/-0.503 χ^2/NDF : 10.1/11

asym_cav4bQ_rms vs slug



Right In: 1.150+/-0.000 χ^2/NDF : 5403.7/4

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

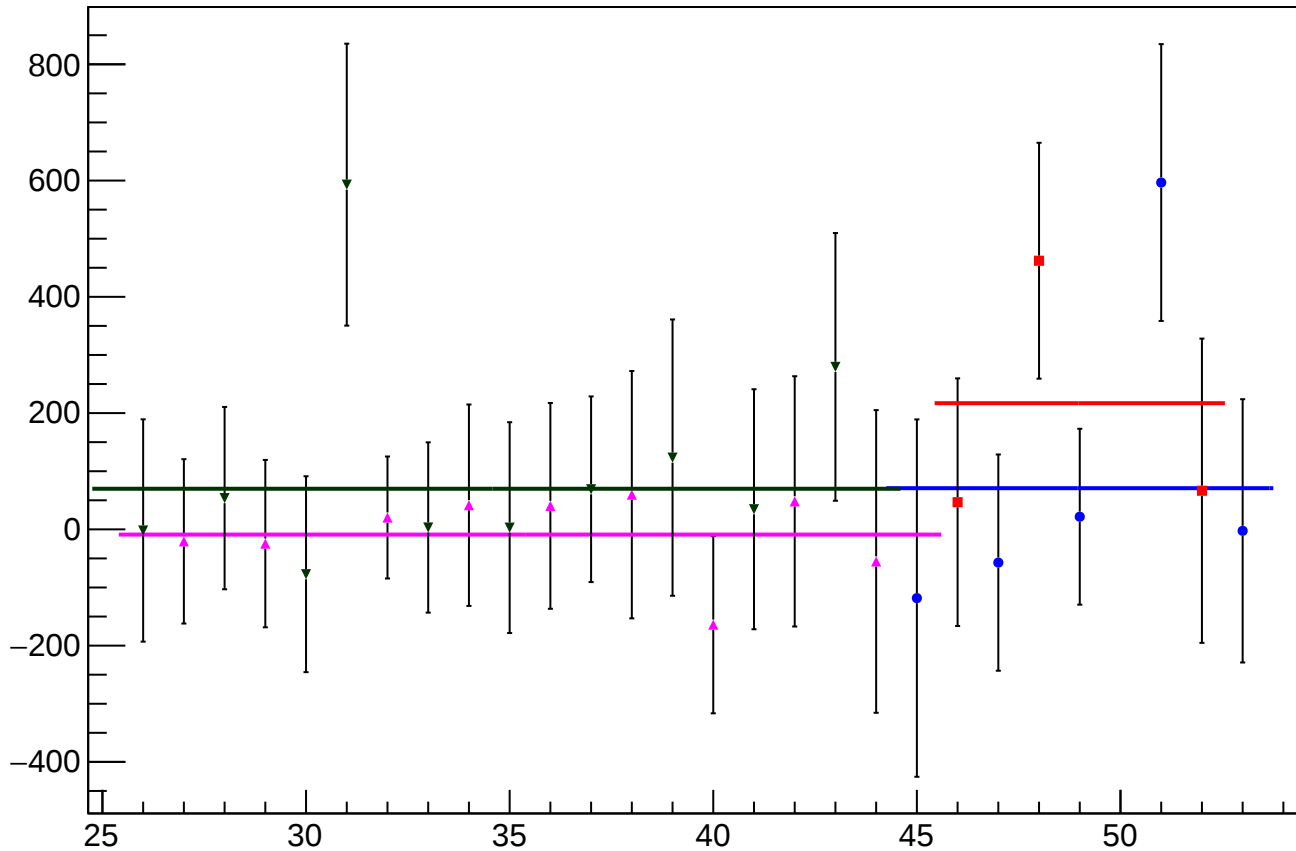
Right Out: 1.166+/-0.001 χ^2/NDF : 467.6/2

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

1.245+/-0.000 χ^2/NDF : 915871.5/14

1.292+/-0.000 χ^2/NDF : 1099037.2/11

asym_cav4cQ_mean vs slug



Right In: 70.811+/-91.171 χ^2/NDF : 5.9/4

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

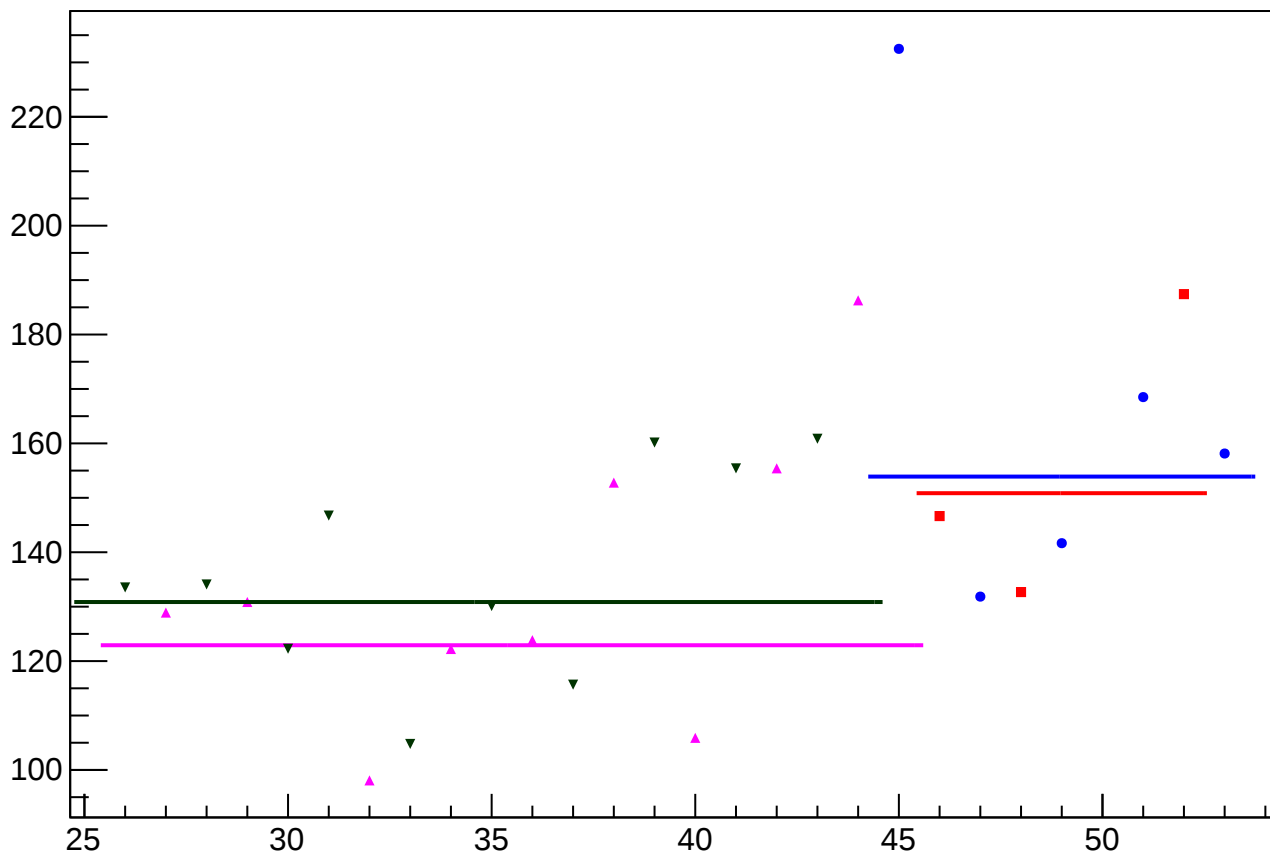
70.132+/-48.981 χ^2/NDF : 12.8/14

Right Out: 217.051+/-128.099 χ^2/NDF : 2.4/2

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

24.076+/-48.988 χ^2/NDF : 6.6/11

asym_cav4cQ_rms vs slug



Right In: 153.901 $\pm$ 0.064 χ^2 /NDF: 180137.6/4

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

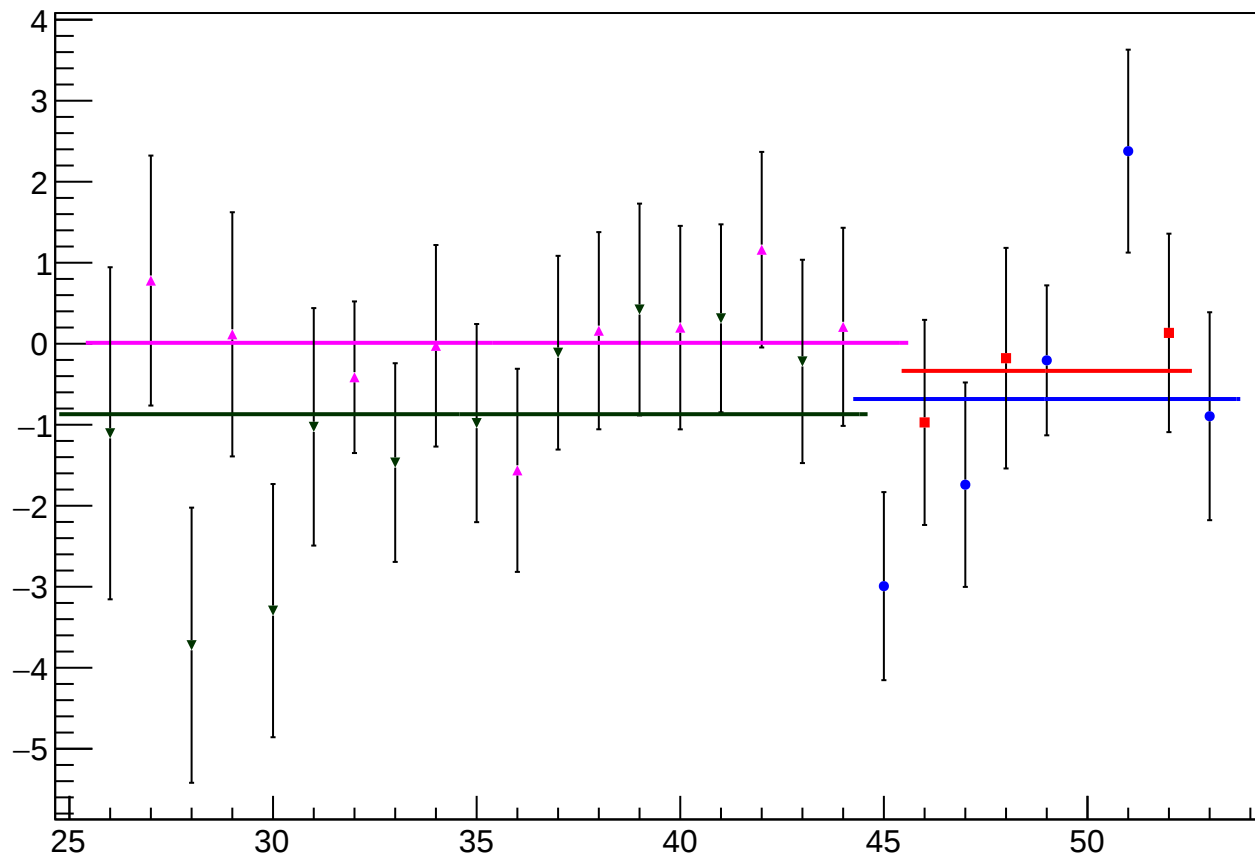
Right Out: 150.850 $\pm$ 0.091 χ^2 /NDF: 55886.0/2

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

137.506 $\pm$ 0.035 χ^2 /NDF: 460205.0/14

126.999 $\pm$ 0.035 χ^2 /NDF: 487349.9/11

asym_cav4dQ_mean vs slug



Right In: -0.682 ± 0.514 $\chi^2/\text{NDF}: 10.9/4$

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

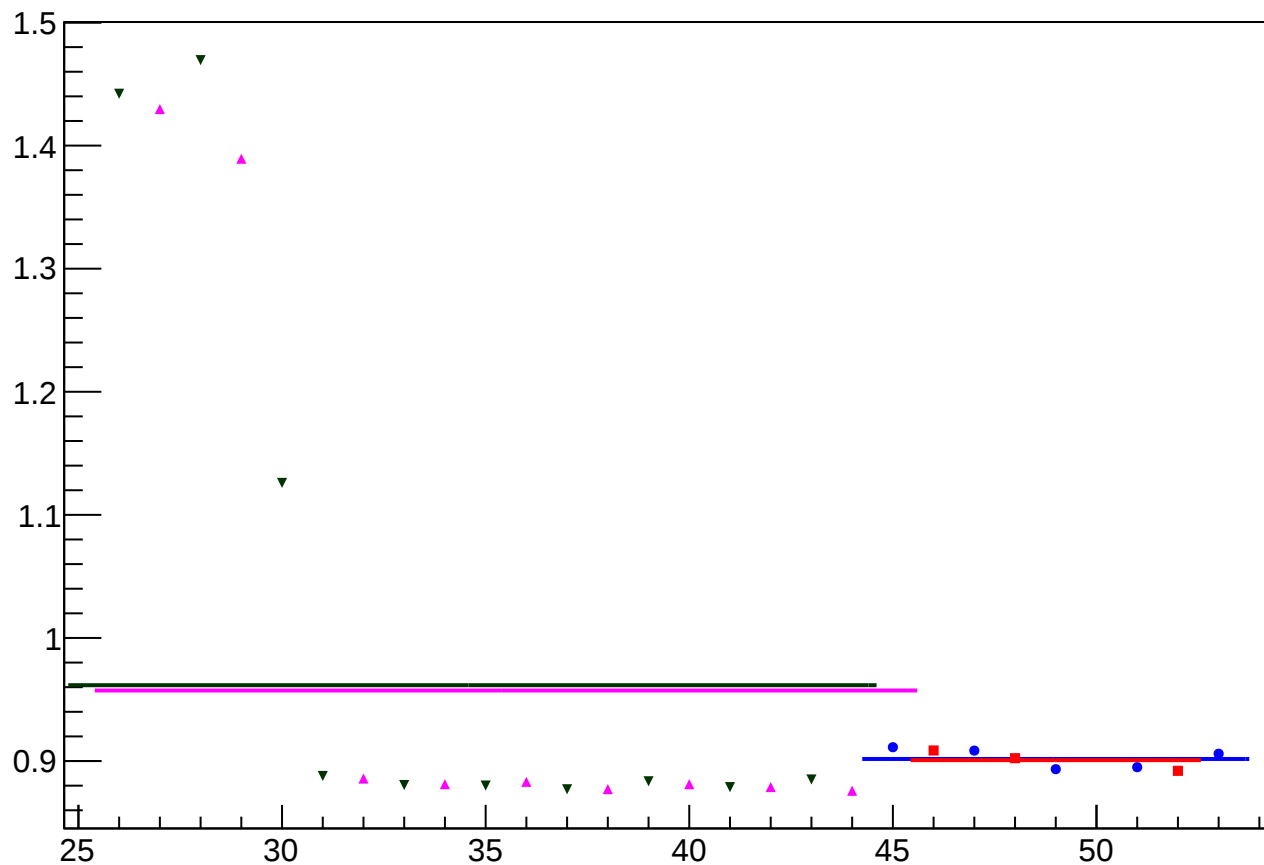
Right Out: -0.335 ± 0.739 $\chi^2/\text{NDF}: 0.4/2$

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

-0.793 ± 0.329 $\chi^2/\text{NDF}: 19.2/14$

-0.070 ± 0.359 $\chi^2/\text{NDF}: 3.6/11$

asym_cav4dQ_rms vs slug



Right In: 0.902+/-0.000 χ^2/NDF : 432.4/4

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

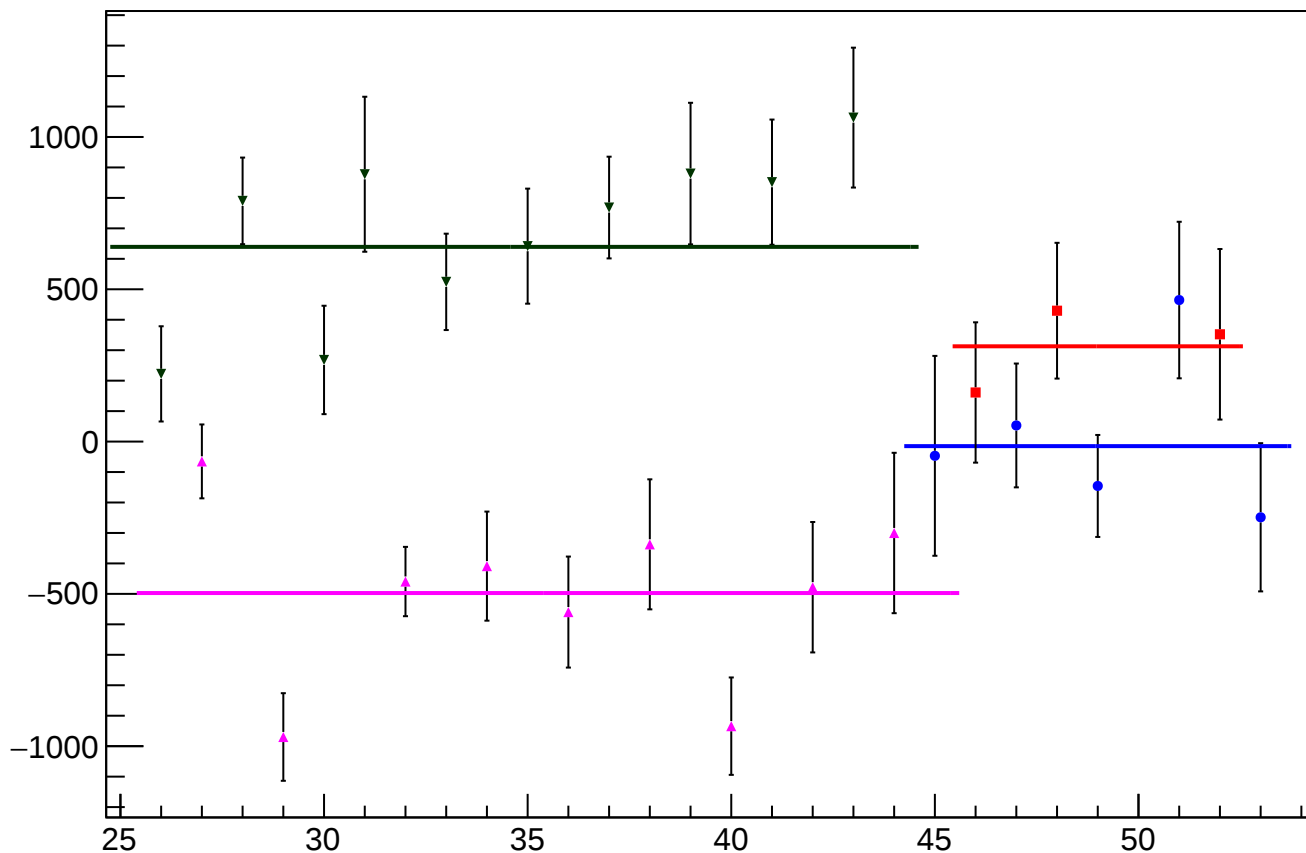
Right Out: 0.901+/-0.001 χ^2/NDF : 180.2/2

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

0.937+/-0.000 χ^2/NDF : 384751.8/14

0.944+/-0.000 χ^2/NDF : 420423.9/11

asym_bcm0l02_mean vs slug



Right In: -14.952+/-99.403 χ^2/NDF : 5.1/4

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

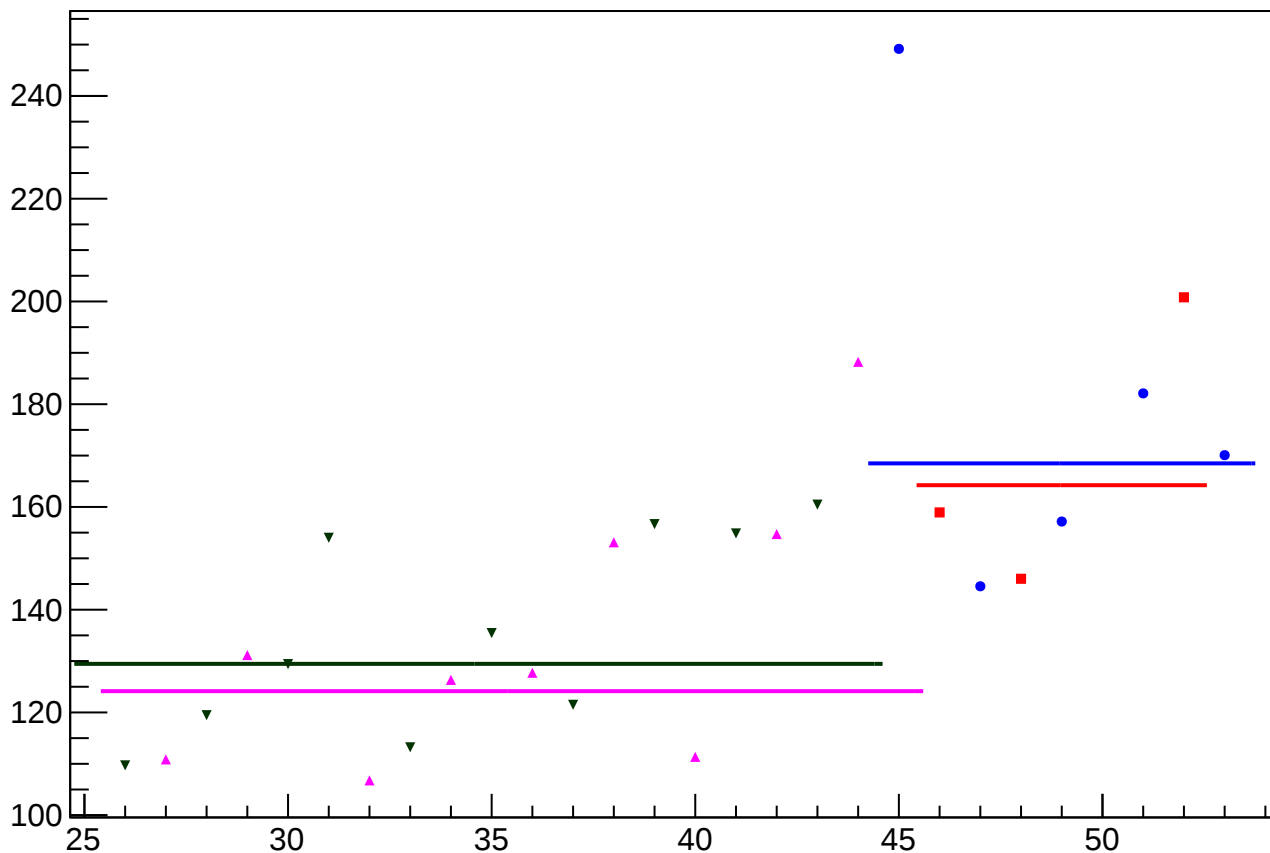
Right Out: 312.783+/-139.031 χ^2/NDF : 0.7/2

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

475.205+/-49.775 χ^2/NDF : 57.7/14

-393.492+/-49.758 χ^2/NDF : 62.9/11

asym_bcm0l02_rms vs slug



Right In: 168.482 ± 0.070 χ^2/NDF : 163513.0/4

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

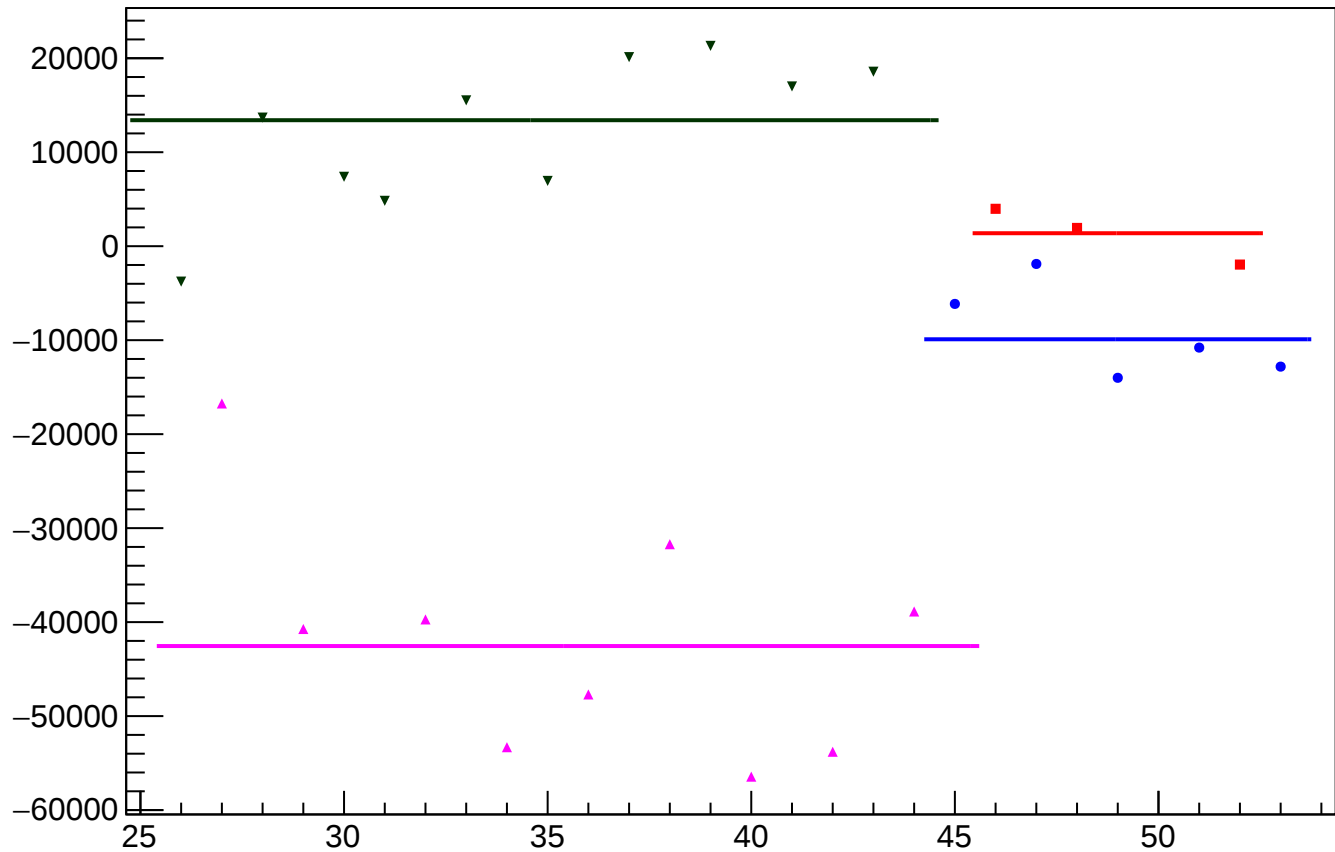
Right Out: 164.233 ± 0.098 χ^2/NDF : 48535.3/2

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

139.244 ± 0.035 χ^2/NDF : 576906.1/14

129.278 ± 0.035 χ^2/NDF : 478980.4/11

asym_bpm2i01WS_mean vs slug



Right In: -9905.390+/-55.719 χ^2/NDF : 6418.0/4

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

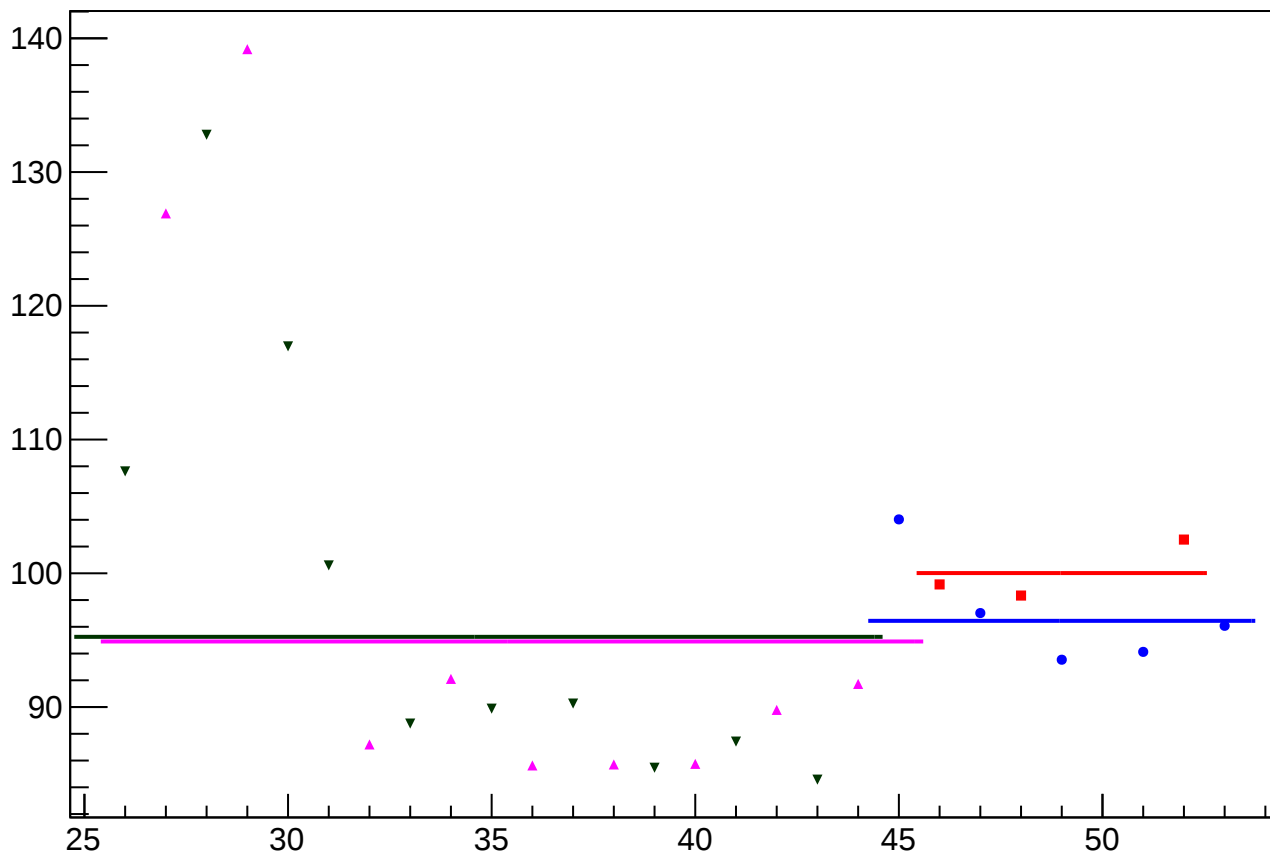
4731.433+/-33.988 χ^2/NDF : 145039.5/14

Right Out: 1379.810+/-83.793 χ^2/NDF : 881.5/2

-33920.679+/-37.130 χ^2/NDF : 293066.8/11

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

asym_bpm2i01WS_rms vs slug



Right In: 96.446+/-0.039 χ^2 /NDF: 8812.4/4

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

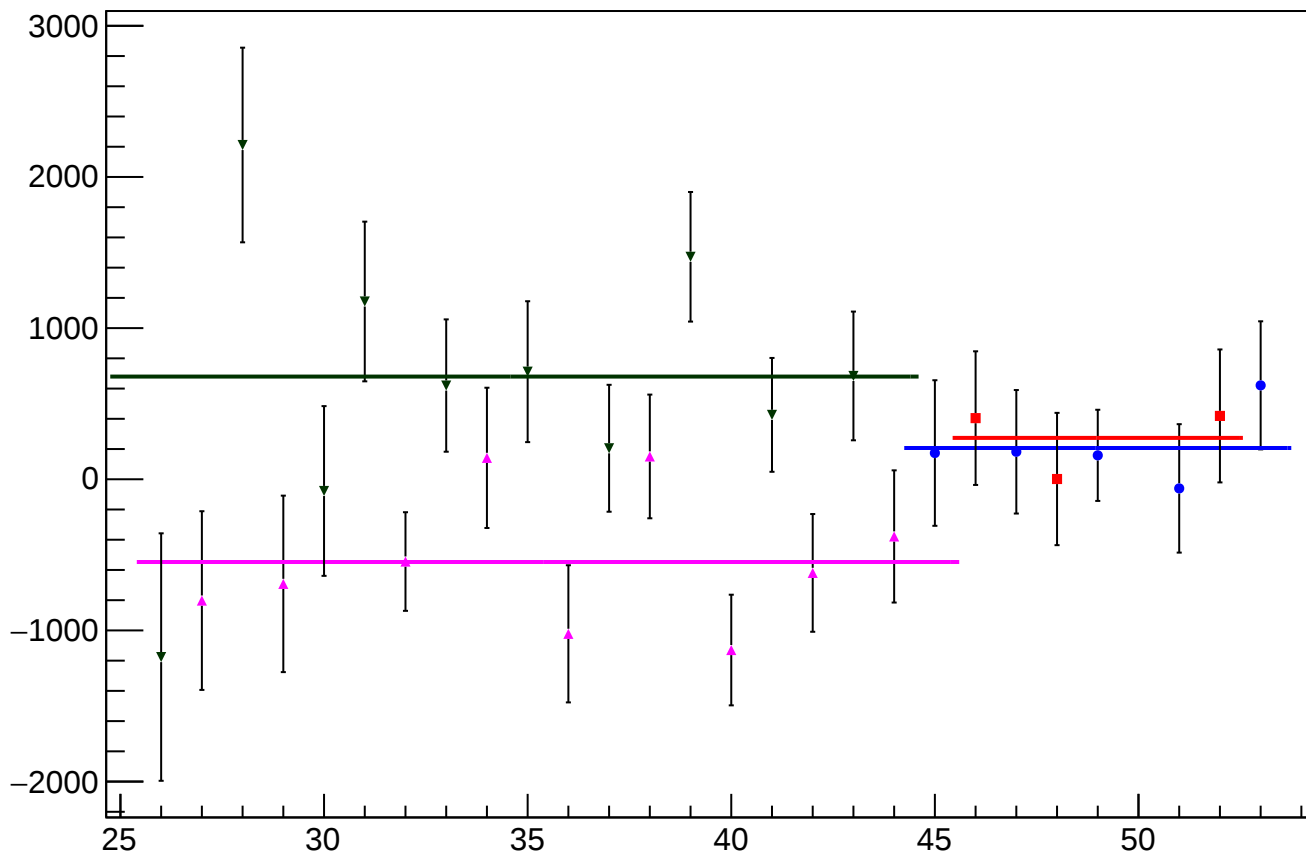
Right Out: 100.017+/-0.059 χ^2 /NDF: 915.3/2

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

95.694+/-0.024 χ^2 /NDF: 214292.4/14

95.907+/-0.026 χ^2 /NDF: 321183.9/11

asym_bpm0i07WS_mean vs slug



Right In: 206.874+/-175.651 χ^2/NDF : 1.4/4

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

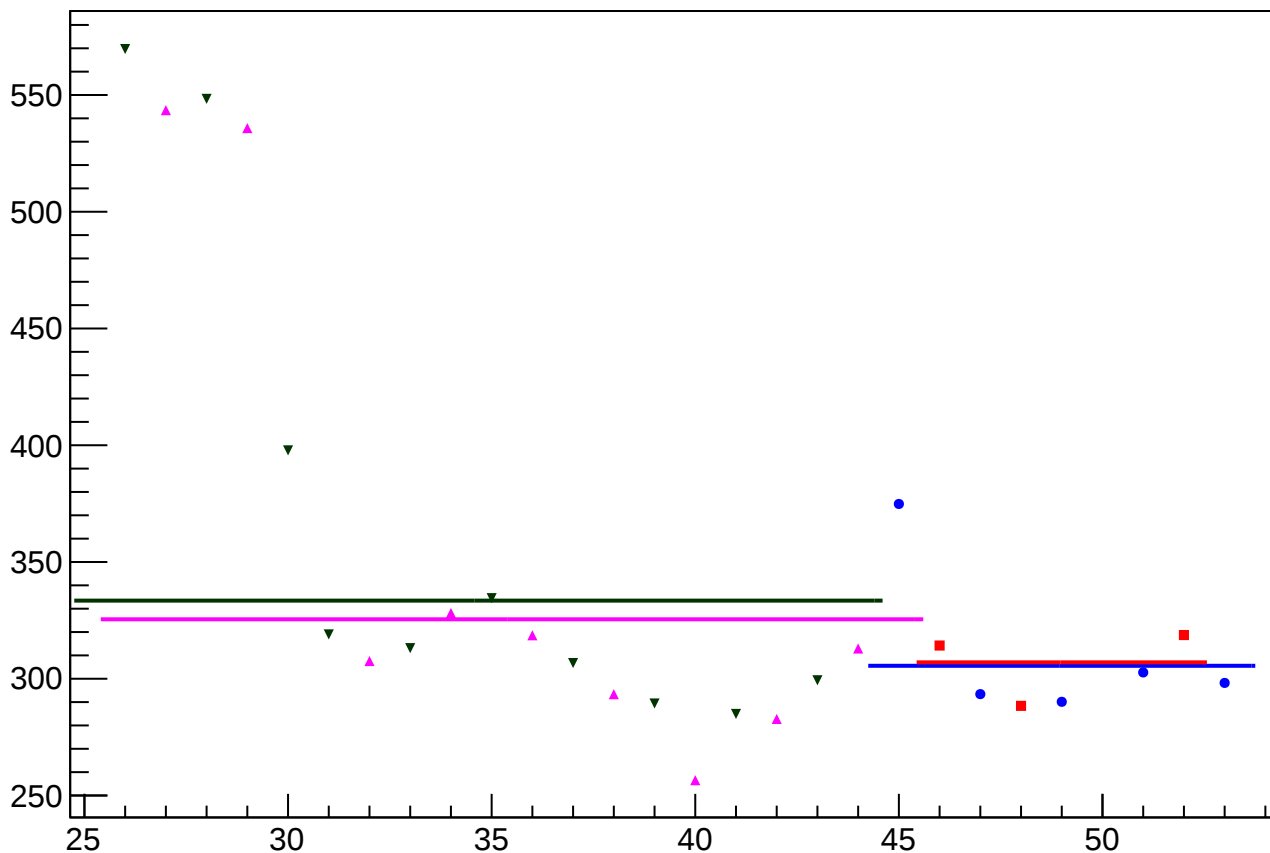
Right Out: 273.726+/-253.932 χ^2/NDF : 0.6/2

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

479.406+/-114.279 χ^2/NDF : 24.2/14

-352.859+/-123.597 χ^2/NDF : 17.7/11

asym_bpm0i07WS_rms vs slug



Right In: 305.546+/-0.124 χ^2/NDF : 49111.1/4

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

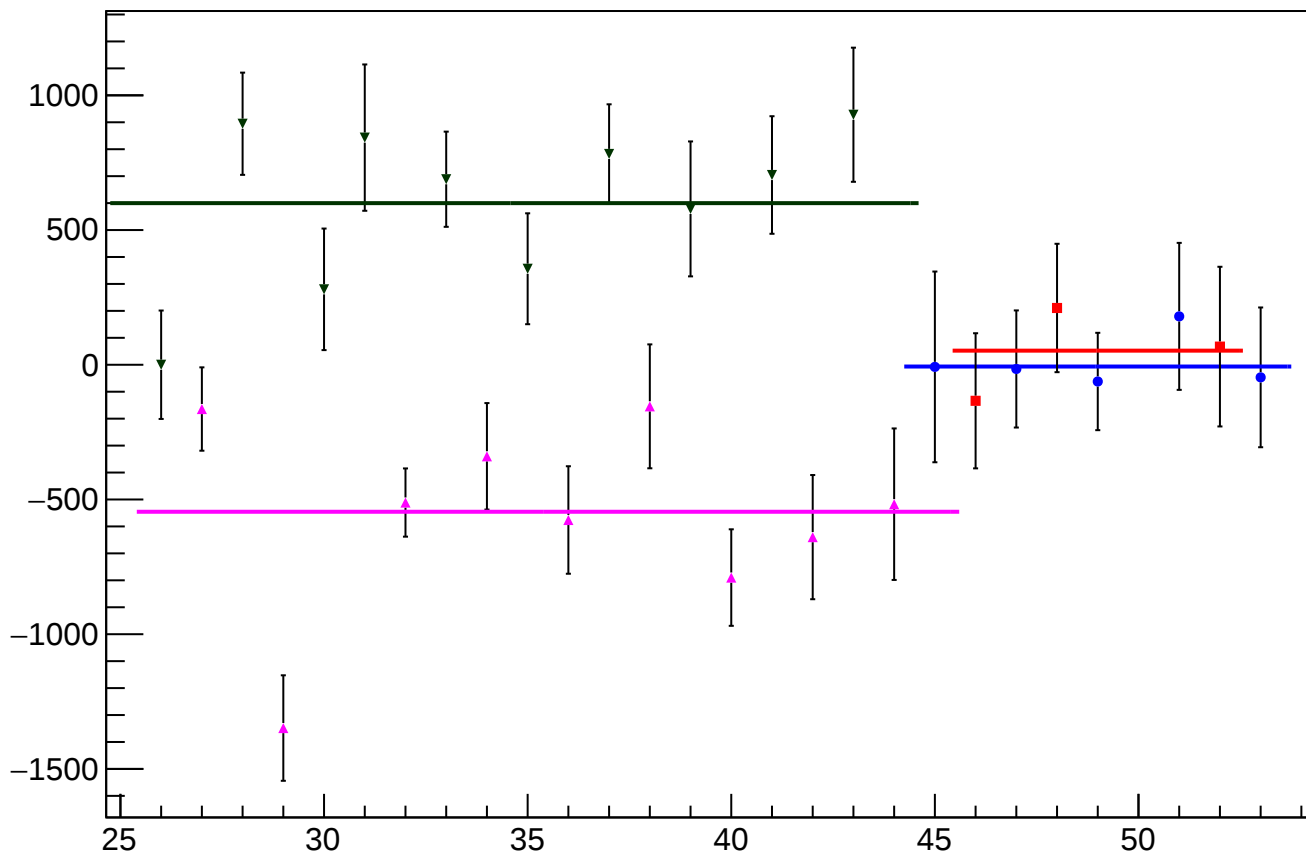
Right Out: 307.023+/-0.180 χ^2/NDF : 5567.7/2

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

321.645+/-0.081 χ^2/NDF : 574875.6/14

321.093+/-0.087 χ^2/NDF : 660836.0/11

asym_bpm0l01WS_mean vs slug



Right In: -6.545+/-106.542 χ^2/NDF : 0.6/4

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

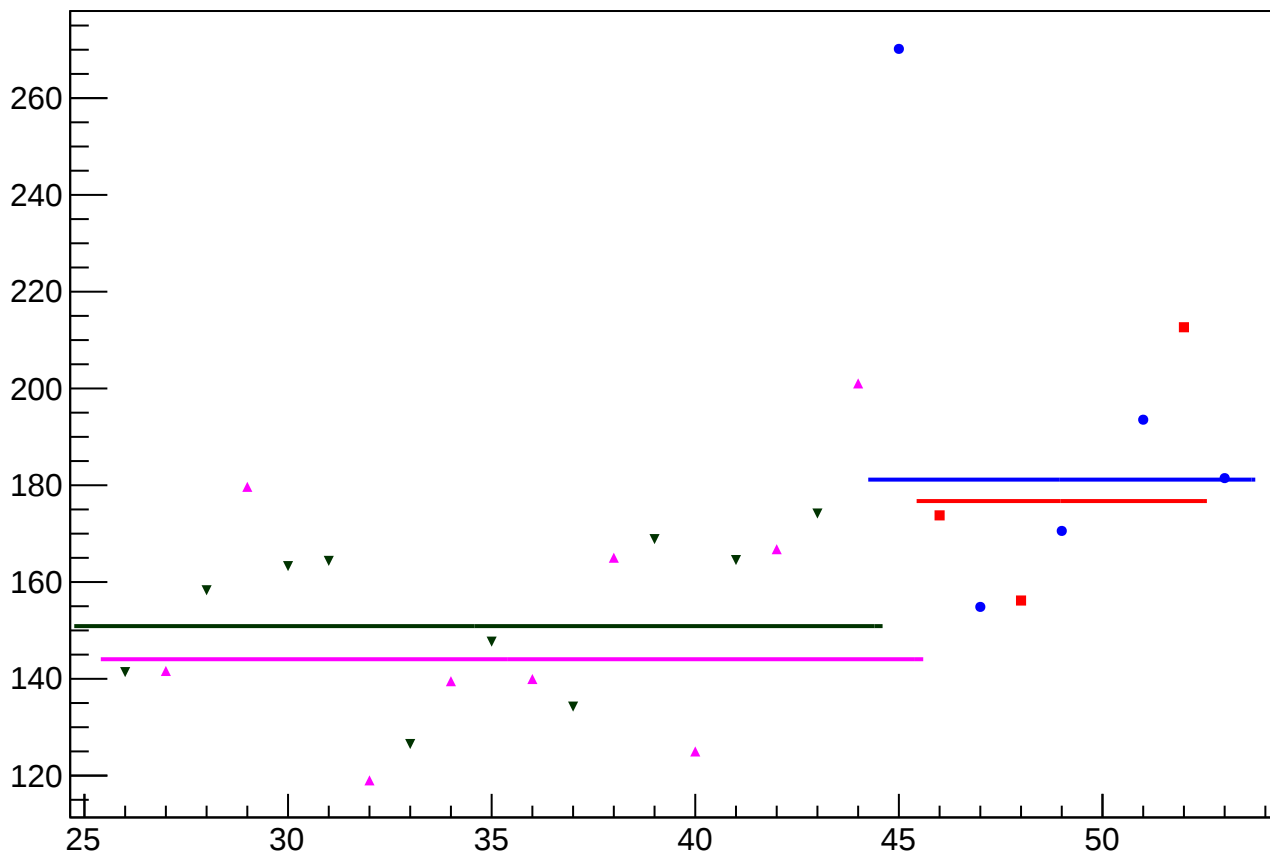
Right Out: 52.390+/-149.219 χ^2/NDF : 1.0/2

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

428.642+/-56.614 χ^2/NDF : 42.6/14

-458.218+/-57.029 χ^2/NDF : 43.7/11

asym_bpm0l01WS_rms vs slug



Right In: 181.165 ± 0.075 χ^2/NDF : 166784.5/4

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

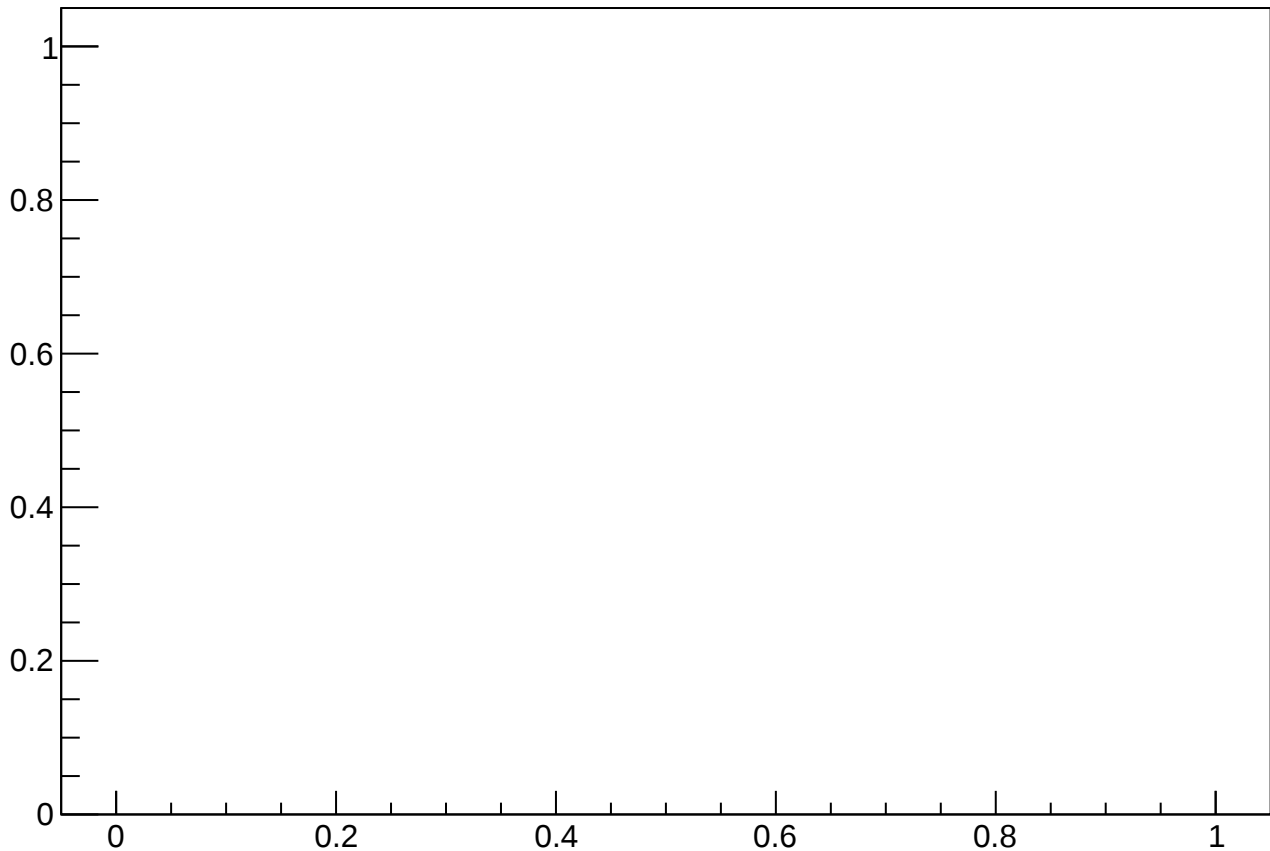
Right Out: 176.734 ± 0.106 χ^2/NDF : 44551.3/2

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

159.440 ± 0.040 χ^2/NDF : 391574.2/14

148.823 ± 0.040 χ^2/NDF : 414246.3/11

bcm_an_us_ds_avg_mean vs slug



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

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

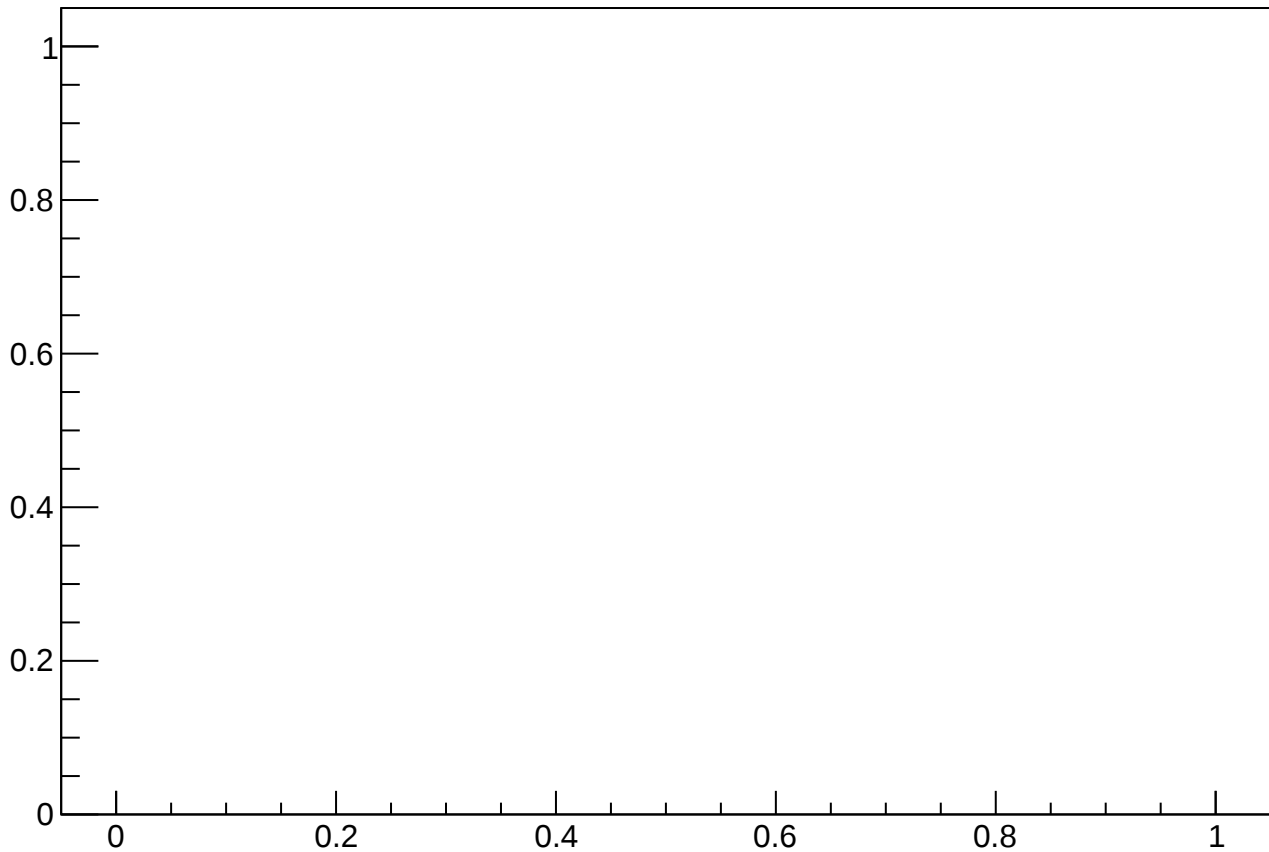
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

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

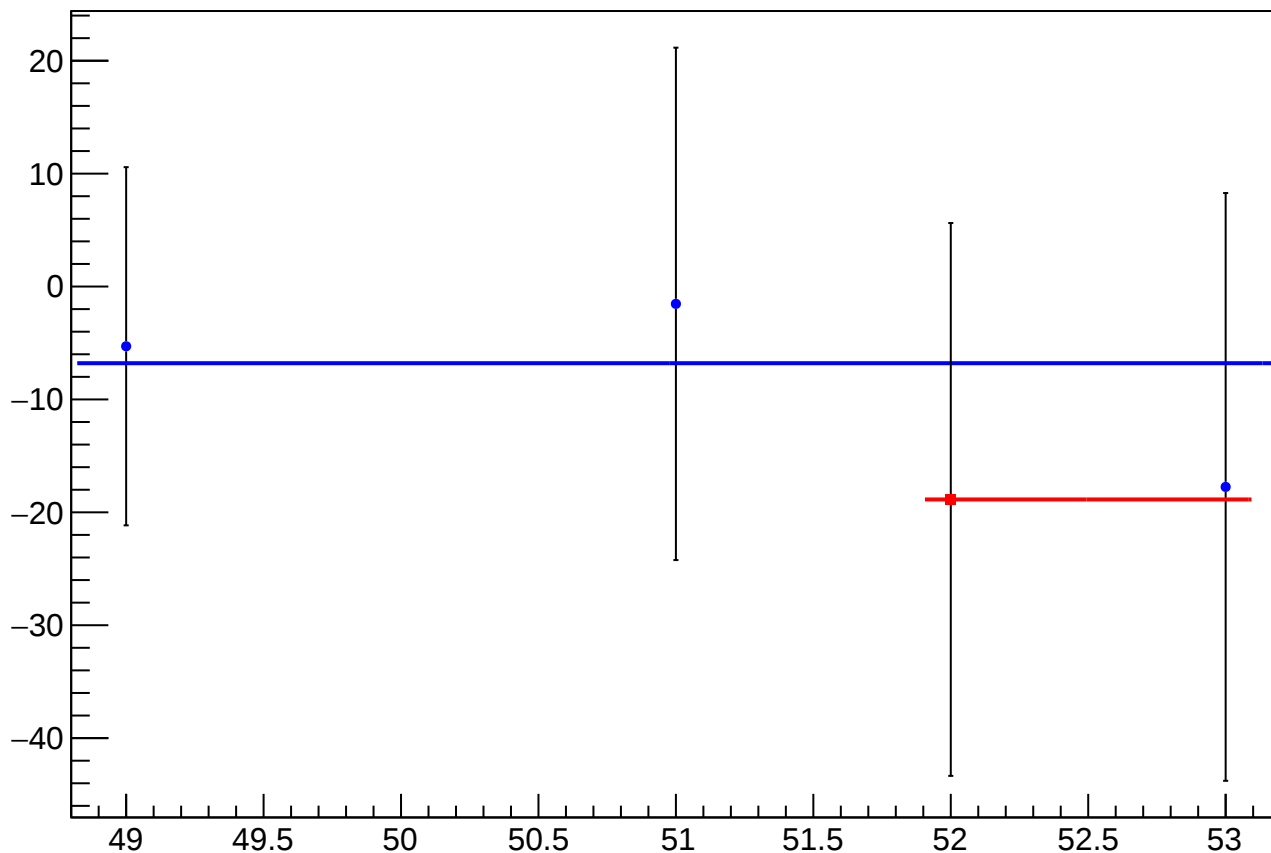
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -6.791+/-11.631 χ^2/NDF : 0.2/2

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

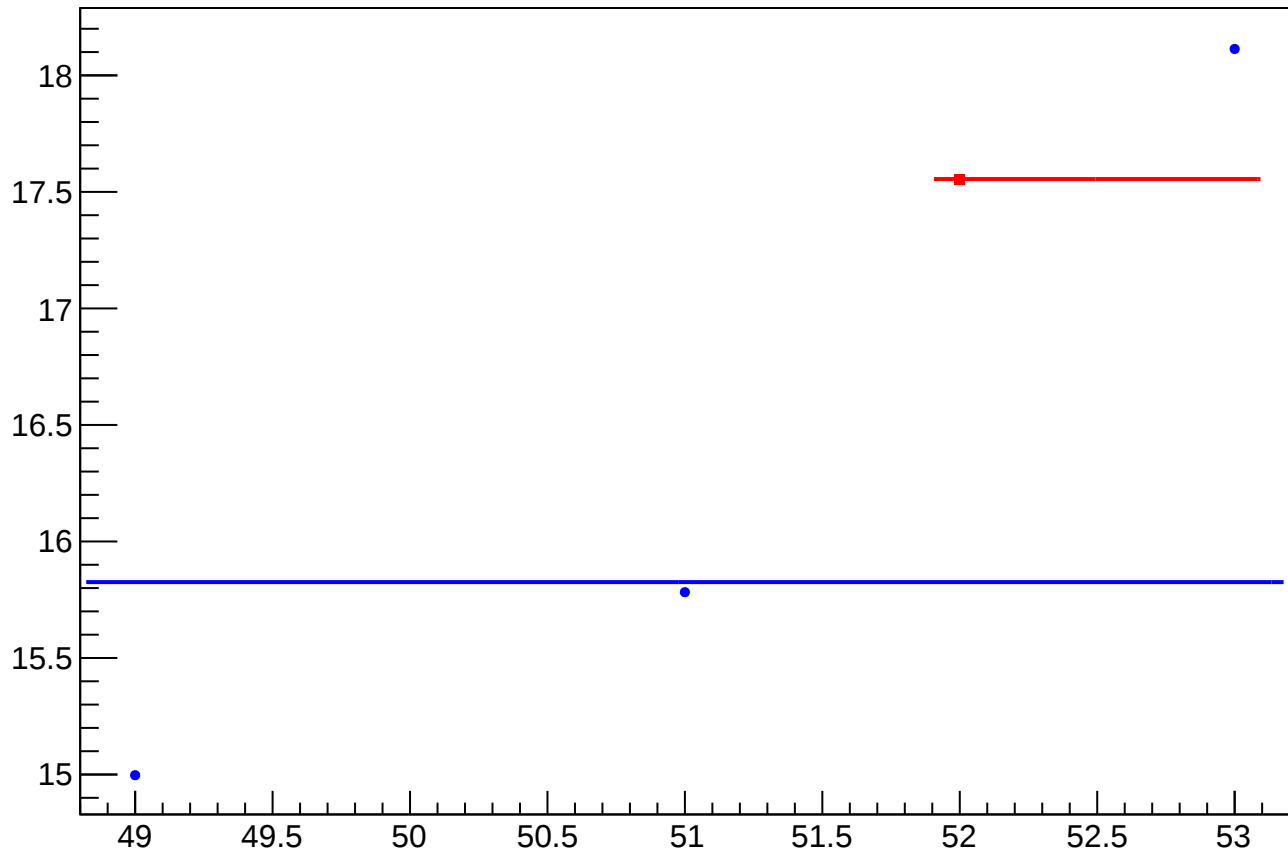
Right Out: -18.860+/-24.485 χ^2/NDF : 0.0/0

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

-6.791+/-11.631 χ^2/NDF : 0.2/2

-18.860+/-24.485 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs slug



Right In: 15.826+/-0.008 χ^2/NDF : 20910.3/2

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

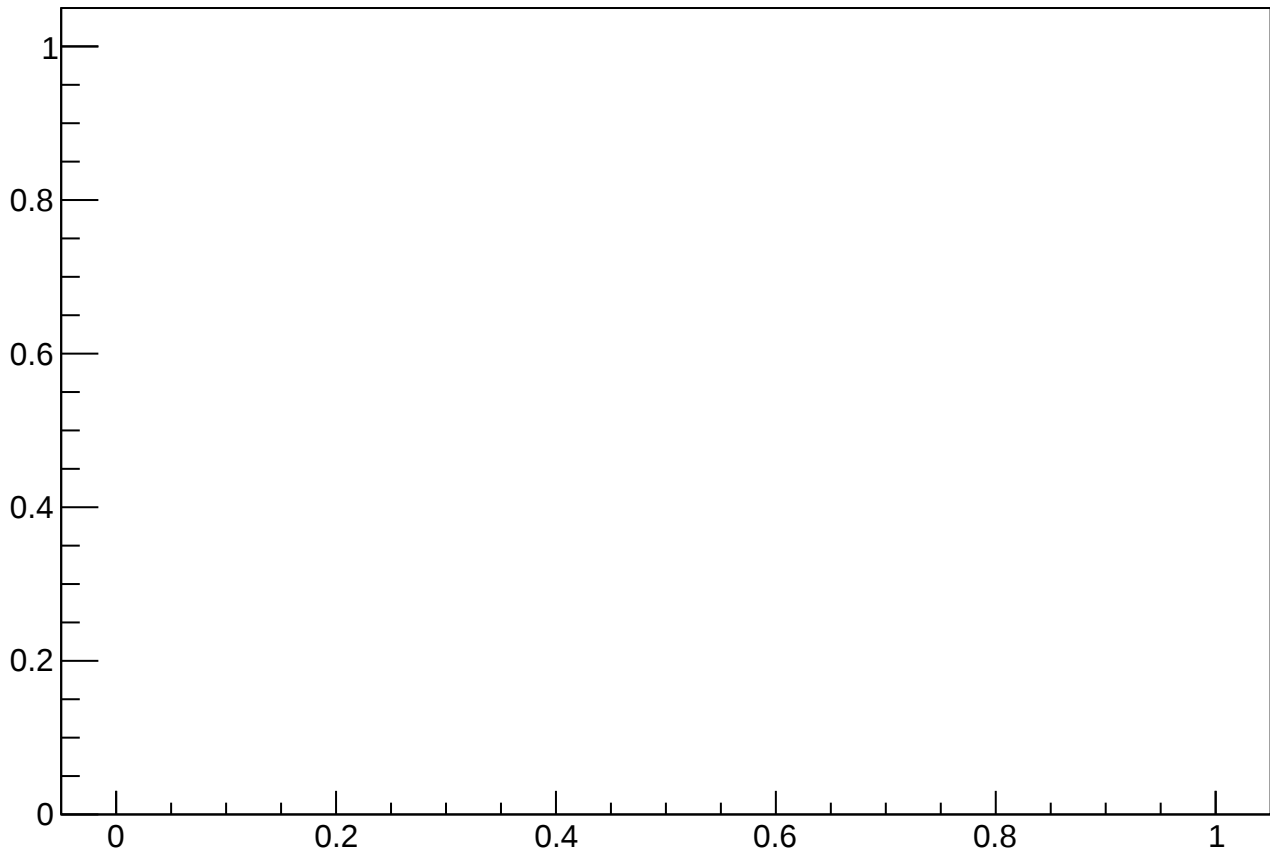
Right Out: 17.555+/-0.017 χ^2/NDF : 0.0/0

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

15.826+/-0.008 χ^2/NDF : 20910.3/2

17.555+/-0.017 χ^2/NDF : 0.0/0

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

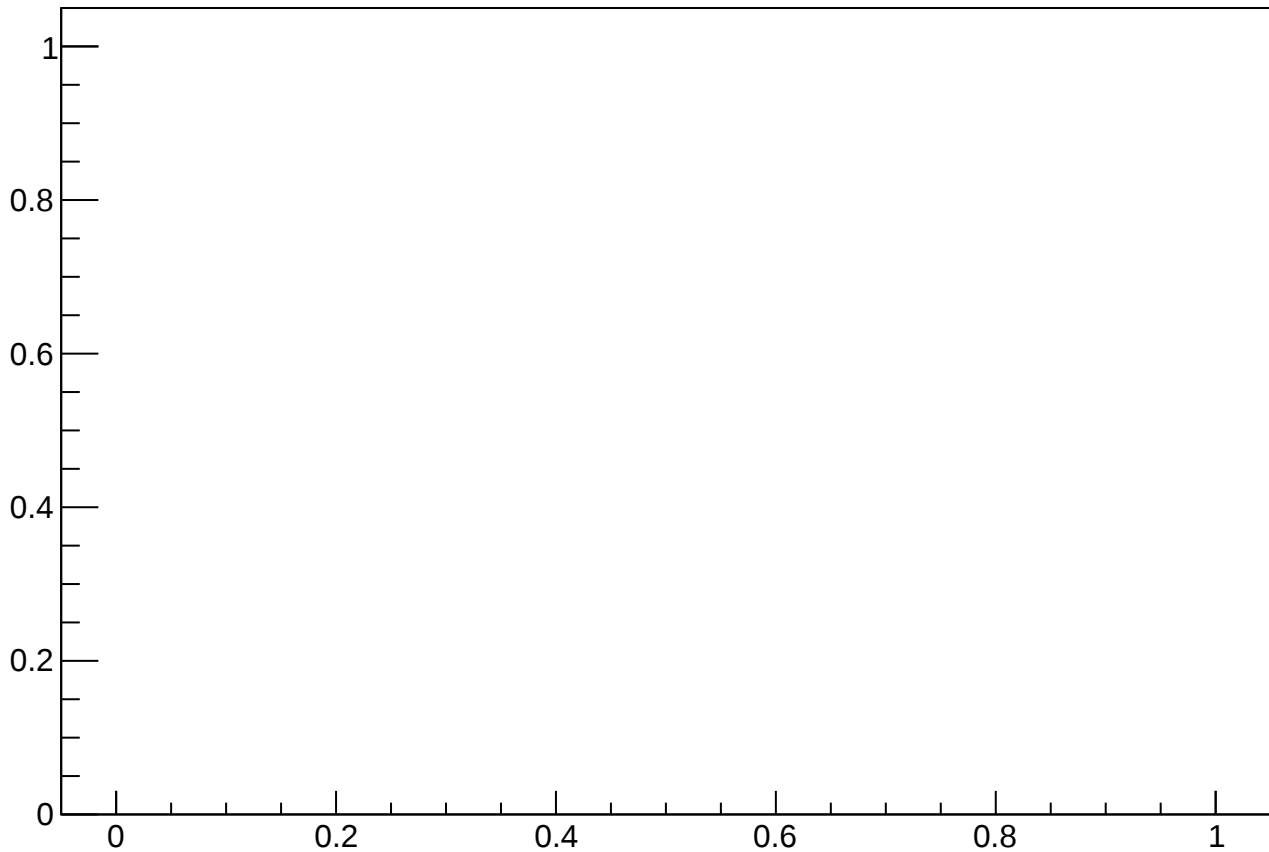
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

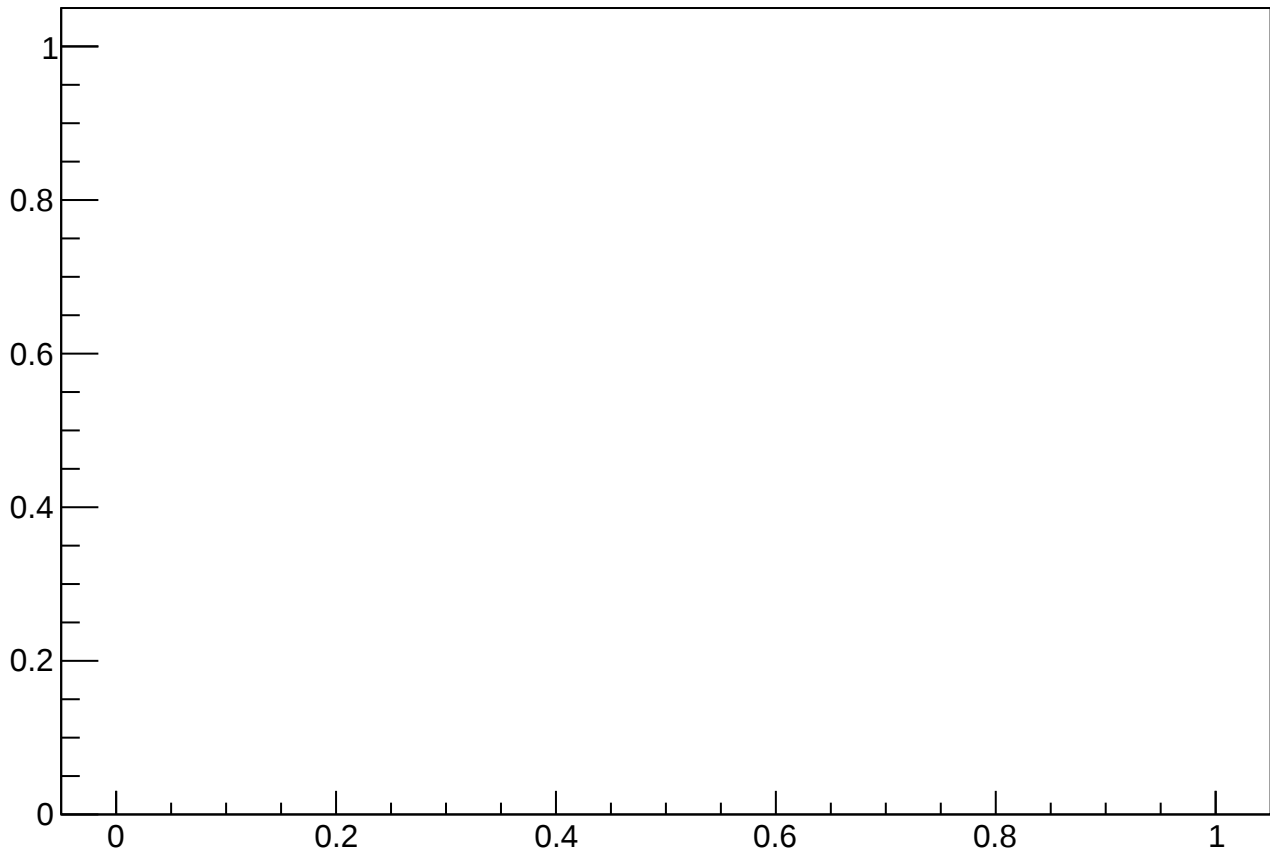
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

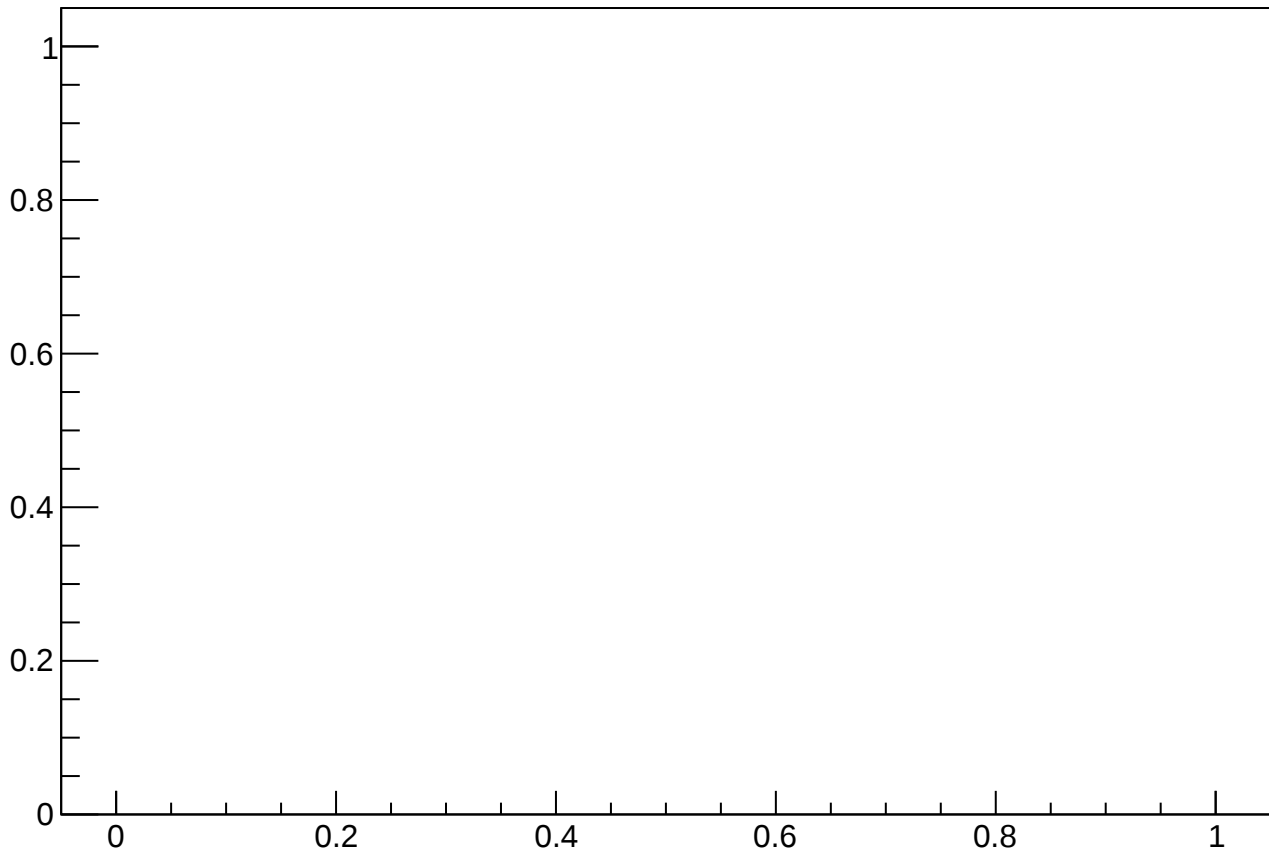
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

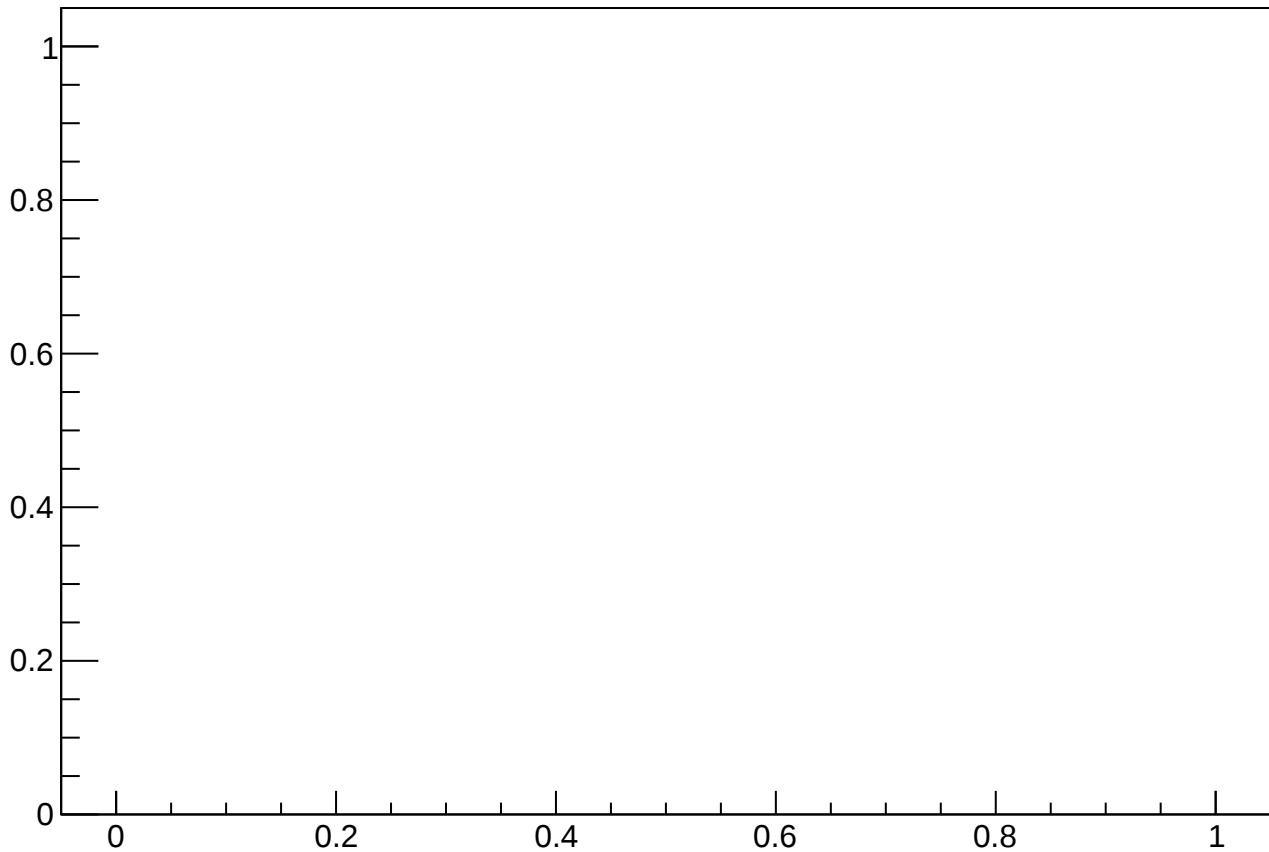
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

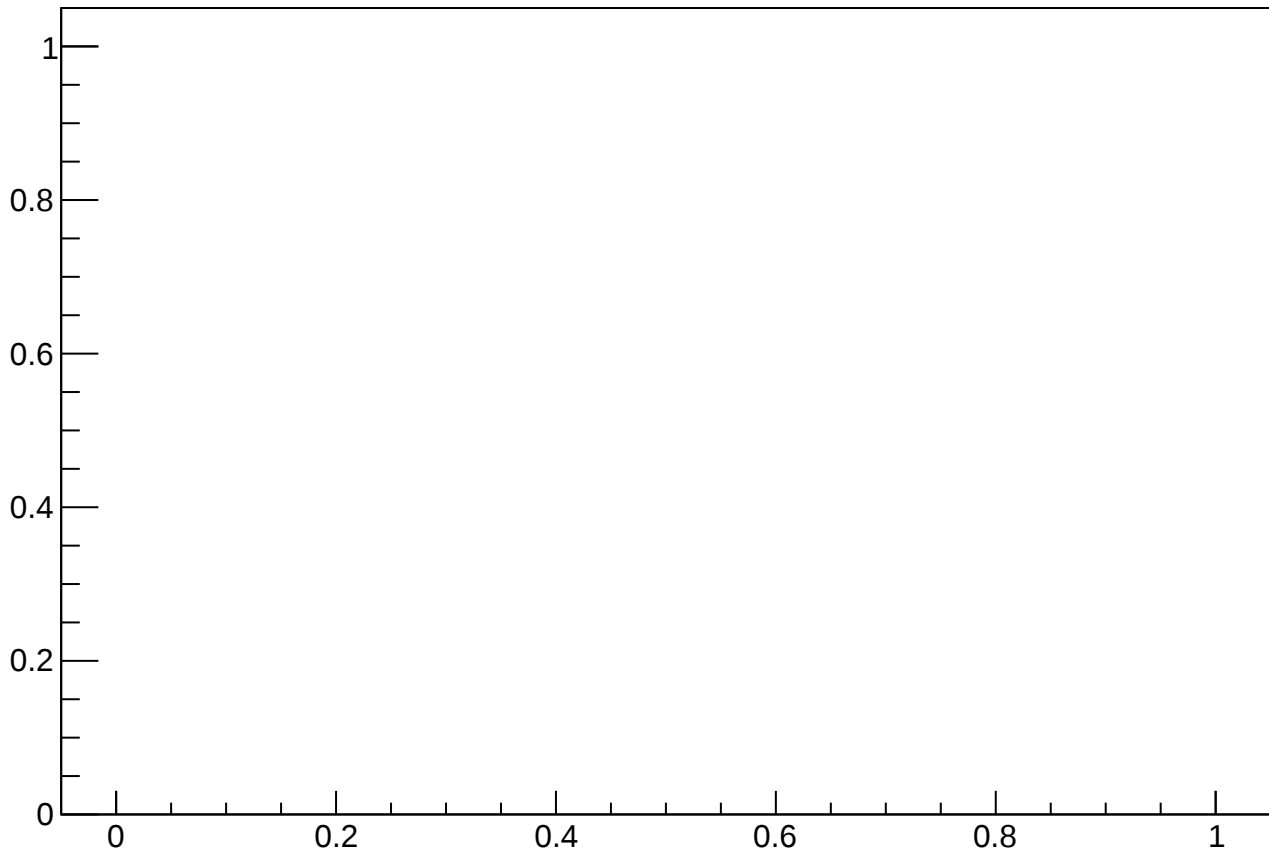
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

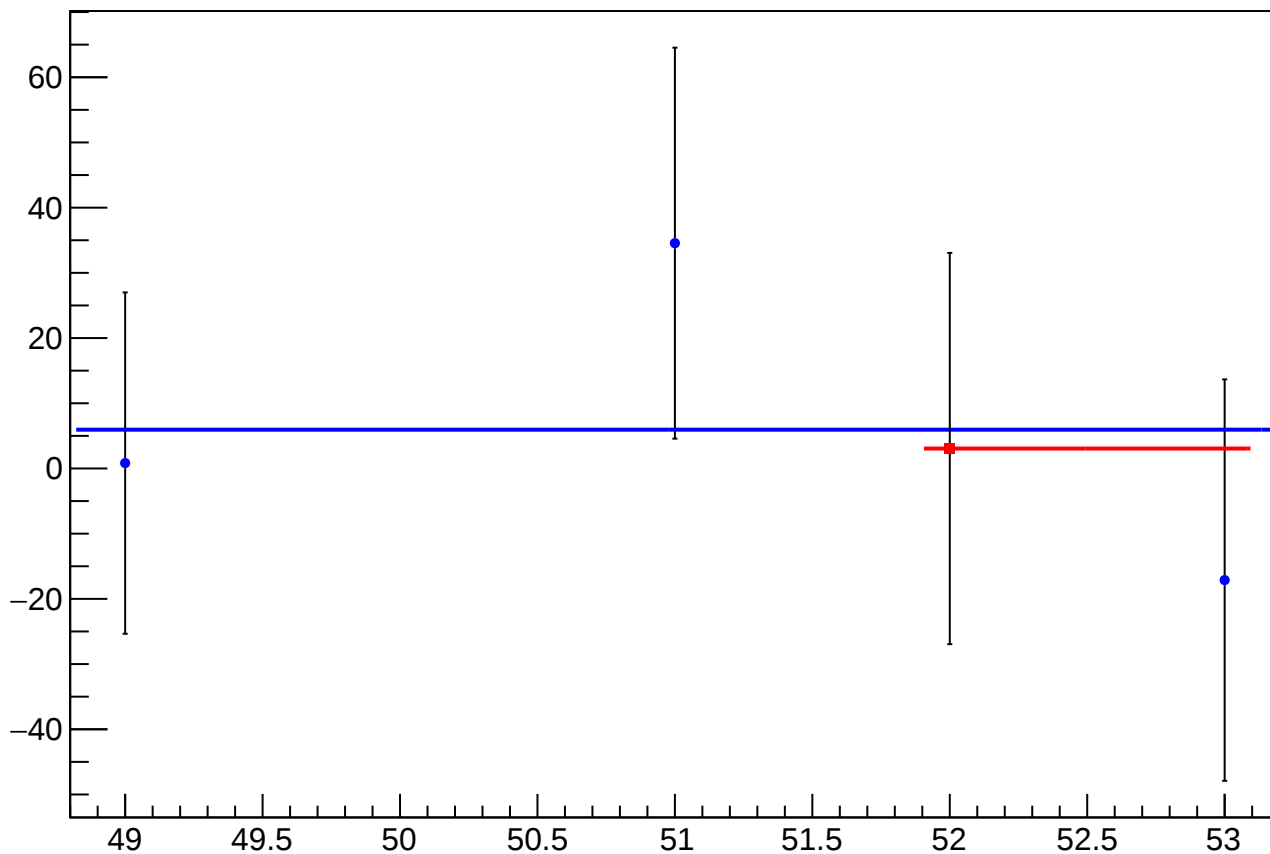
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 5.948 $\pm$ 16.604 χ^2 /NDF: 1.5/2

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

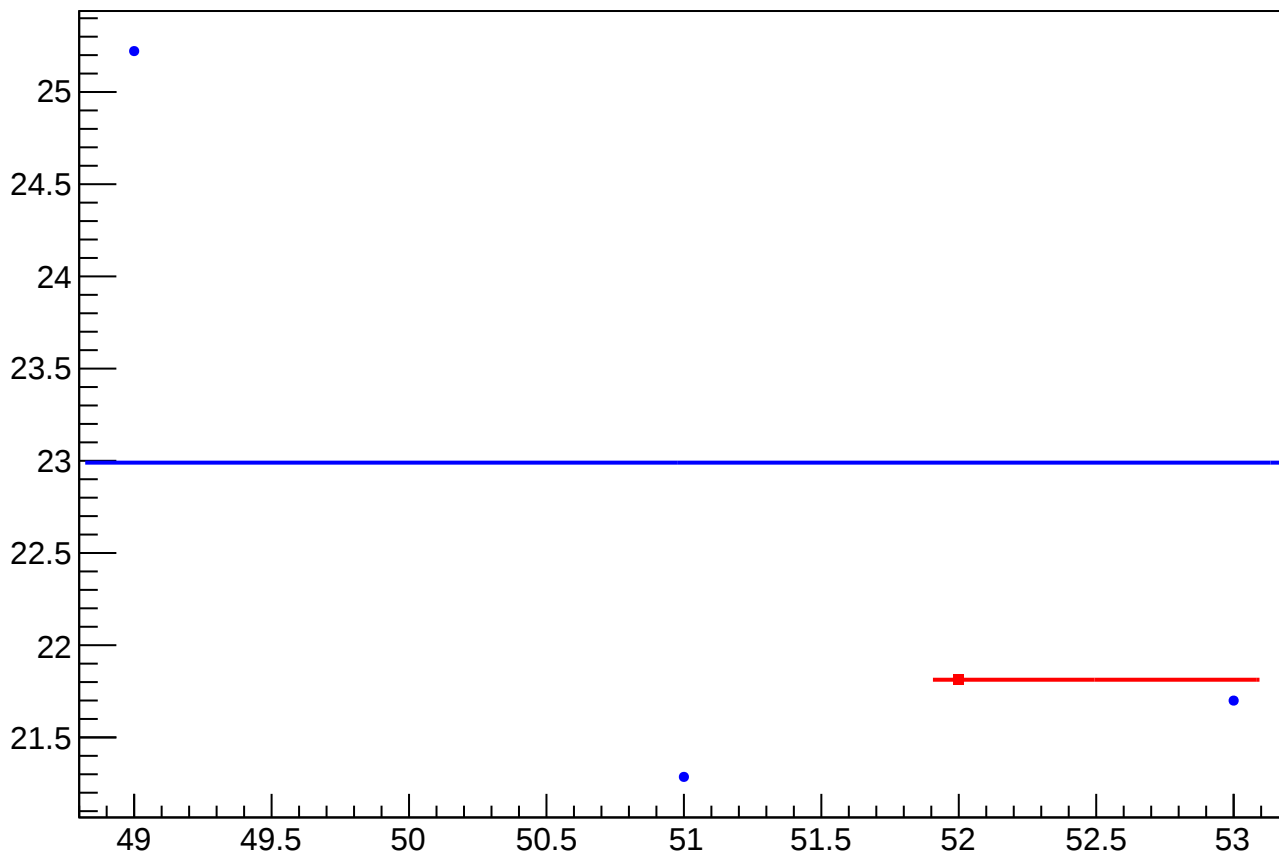
Right Out: 3.058 $\pm$ 30.001 χ^2 /NDF: 0.0/0

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

5.948 $\pm$ 16.604 χ^2 /NDF: 1.5/2

3.058 $\pm$ 30.001 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd _rms vs slug



Right In: 22.990+/-0.012 χ^2/NDF : 24516.7/2

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

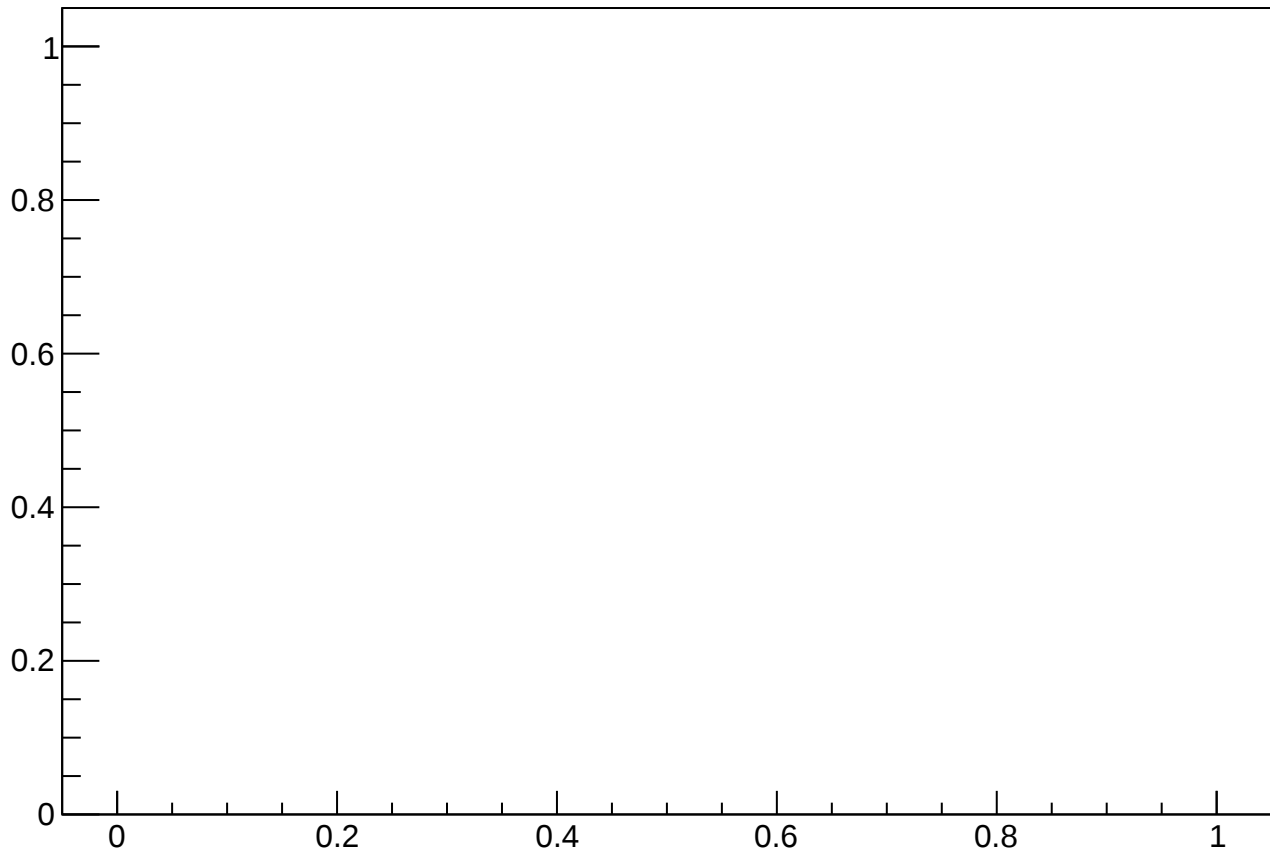
Right Out: 21.813+/-0.021 χ^2/NDF : 0.0/0

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

22.990+/-0.012 χ^2/NDF : 24516.7/2

21.813+/-0.021 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_mean vs slug



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

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

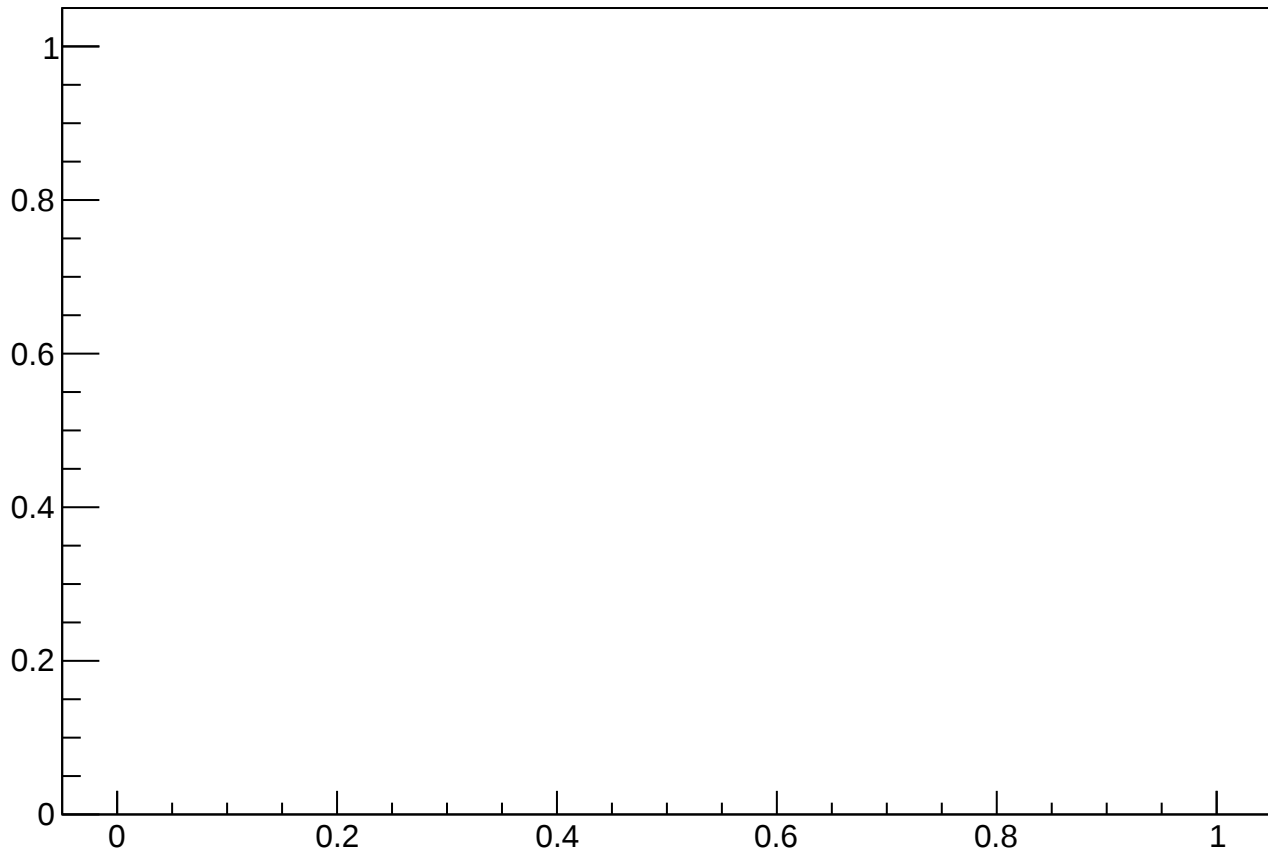
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

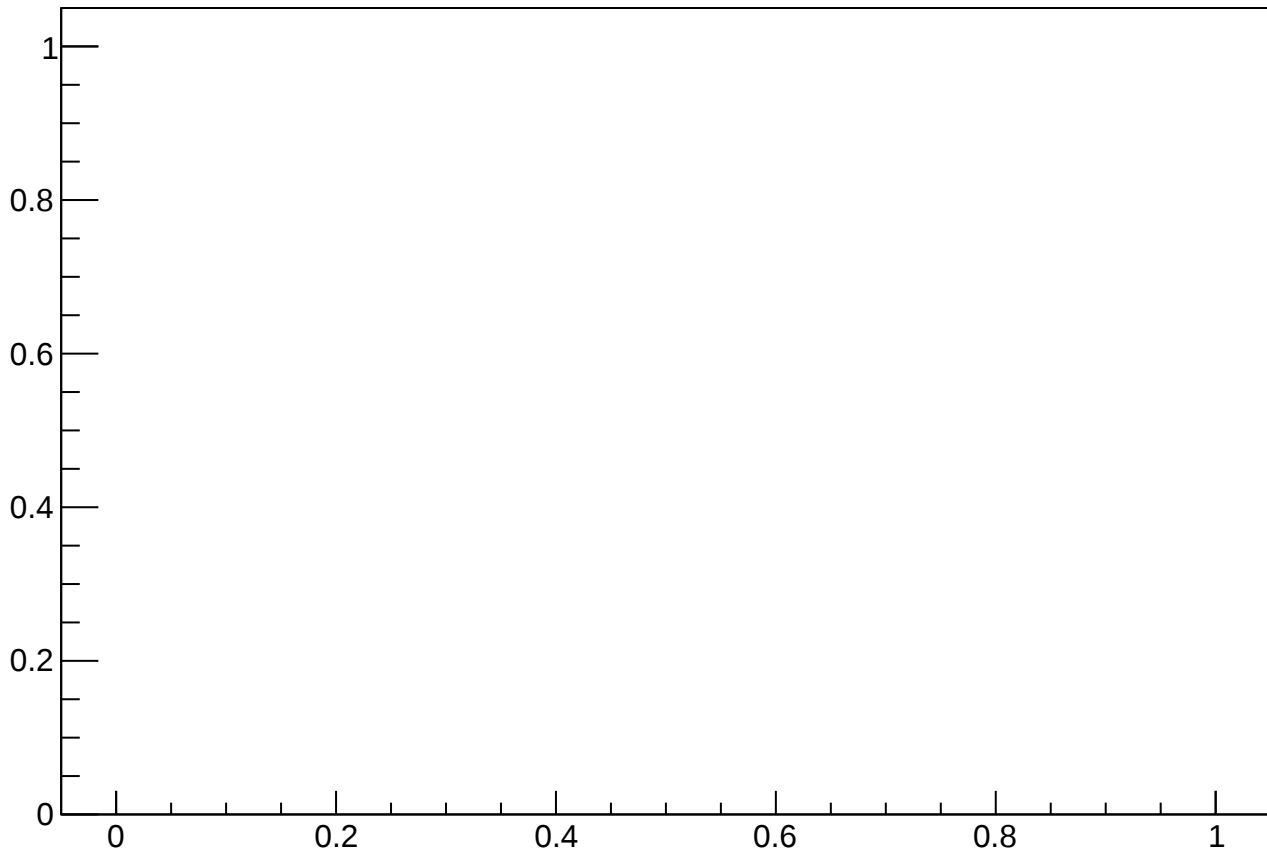
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

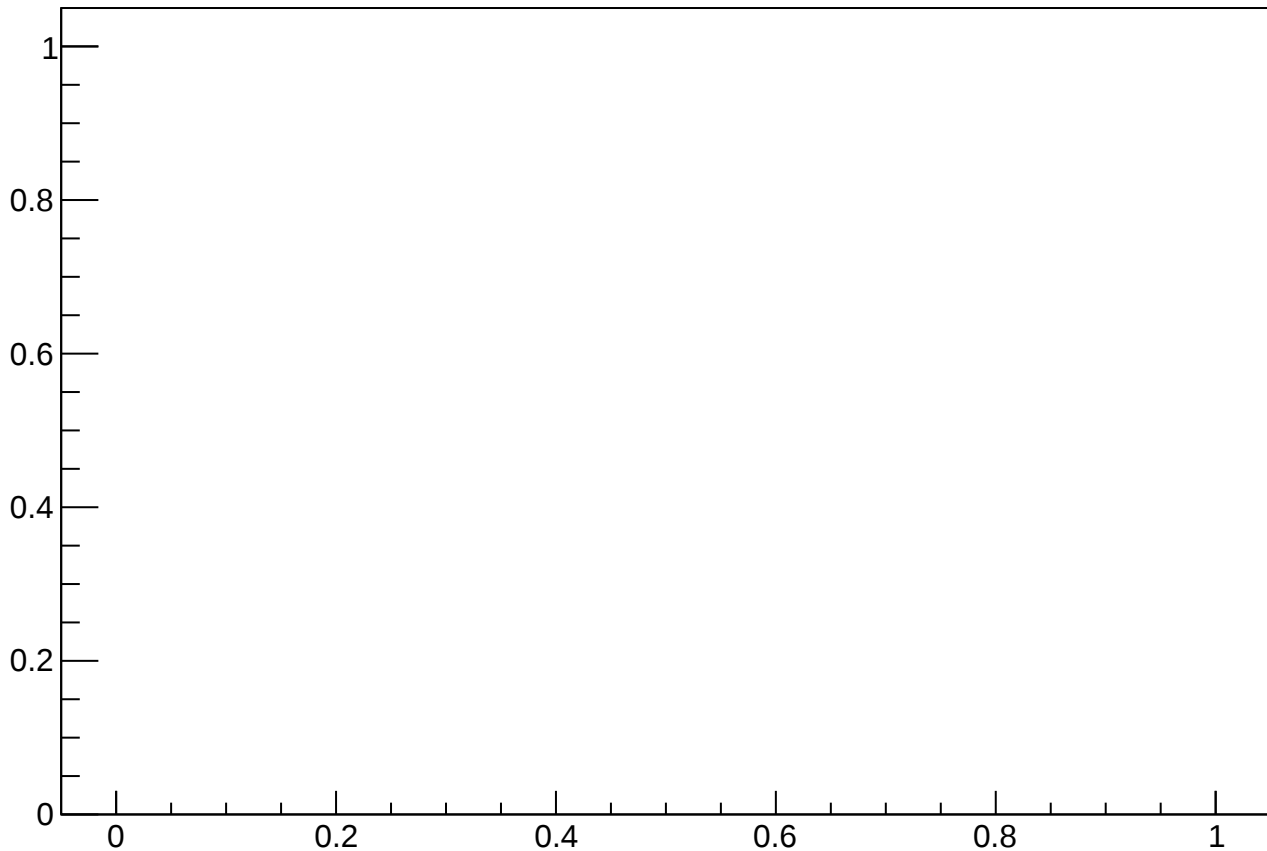
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

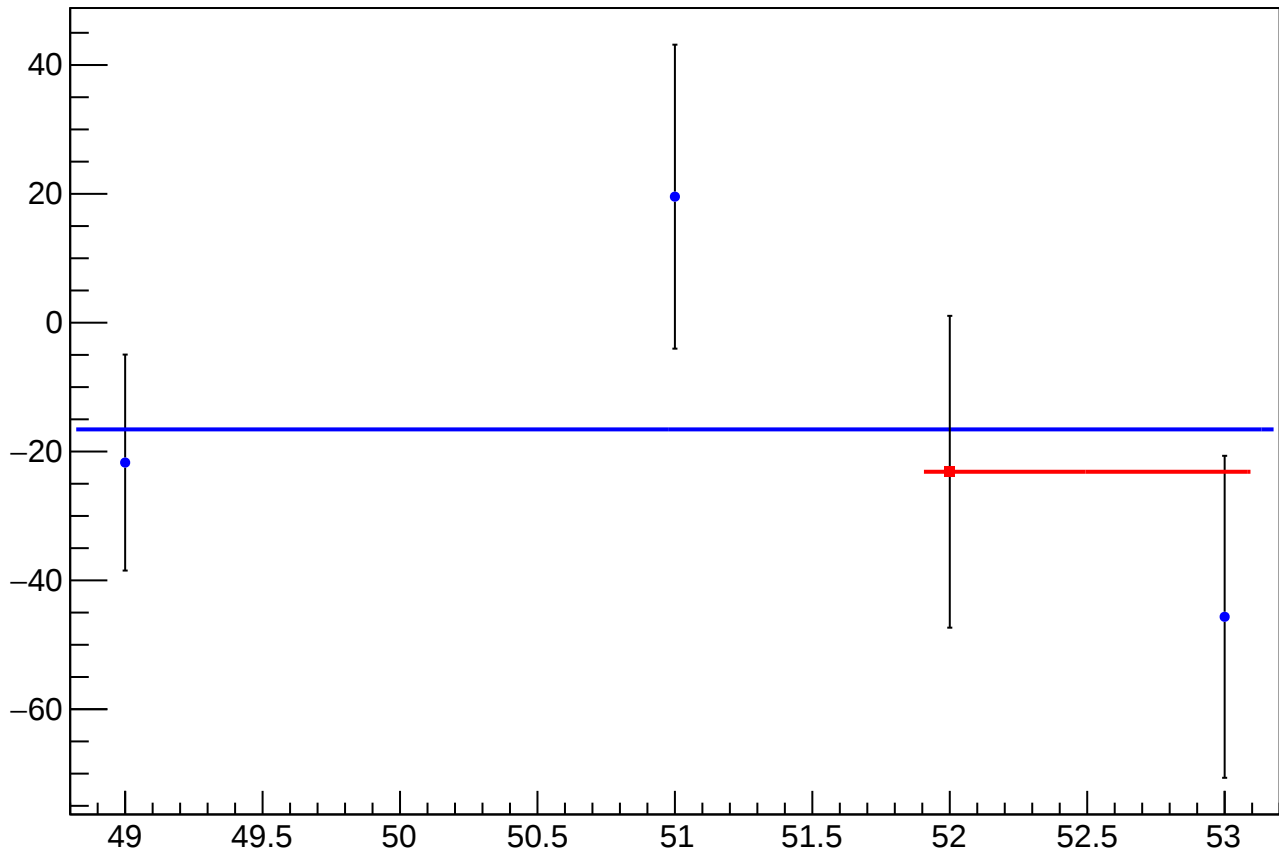
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -16.564 $\pm$ 11.990 χ^2 /NDF: 3.8/2

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

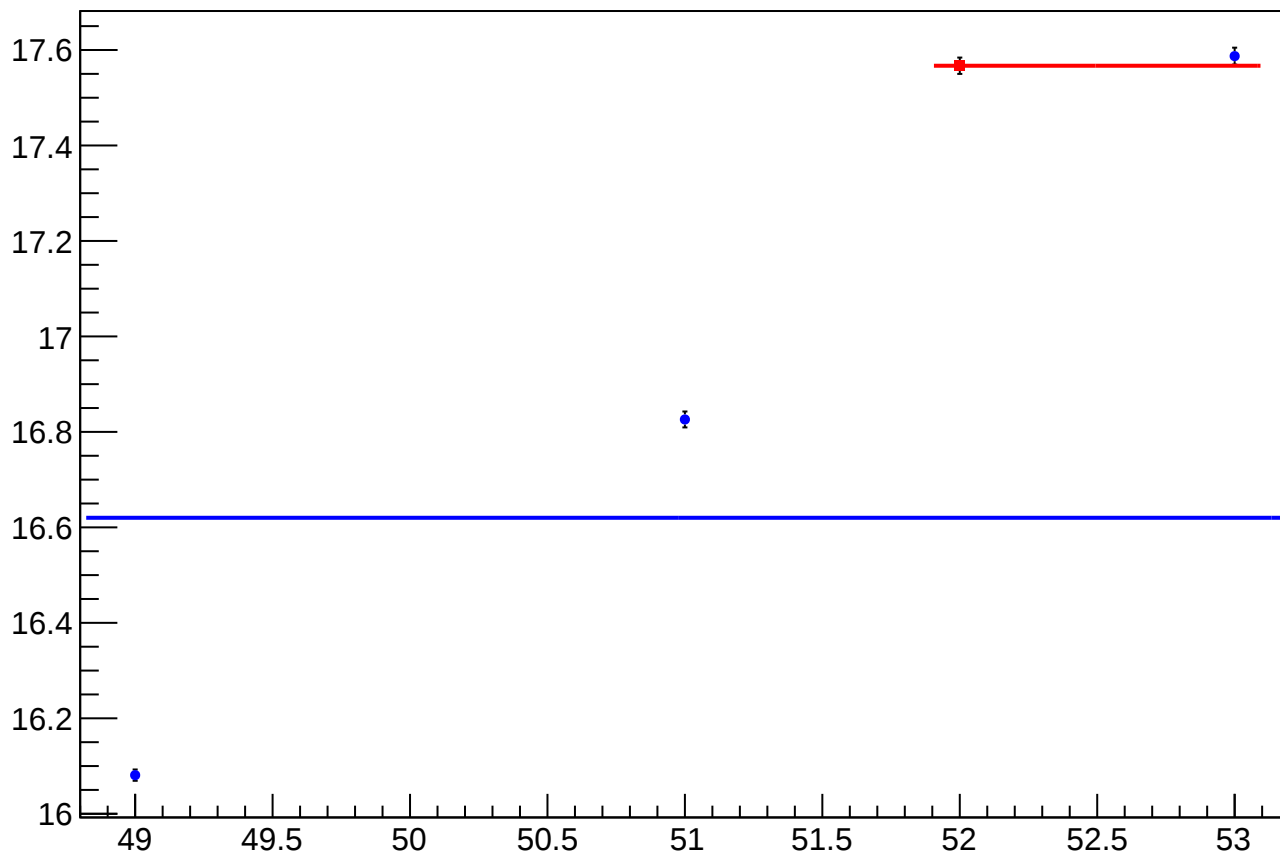
Right Out: -23.141 $\pm$ 24.203 χ^2 /NDF: 0.0/0

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

-16.564 $\pm$ 11.990 χ^2 /NDF: 3.8/2

-23.141 $\pm$ 24.203 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.620+/-0.008 χ^2 /NDF: 5215.8/2

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

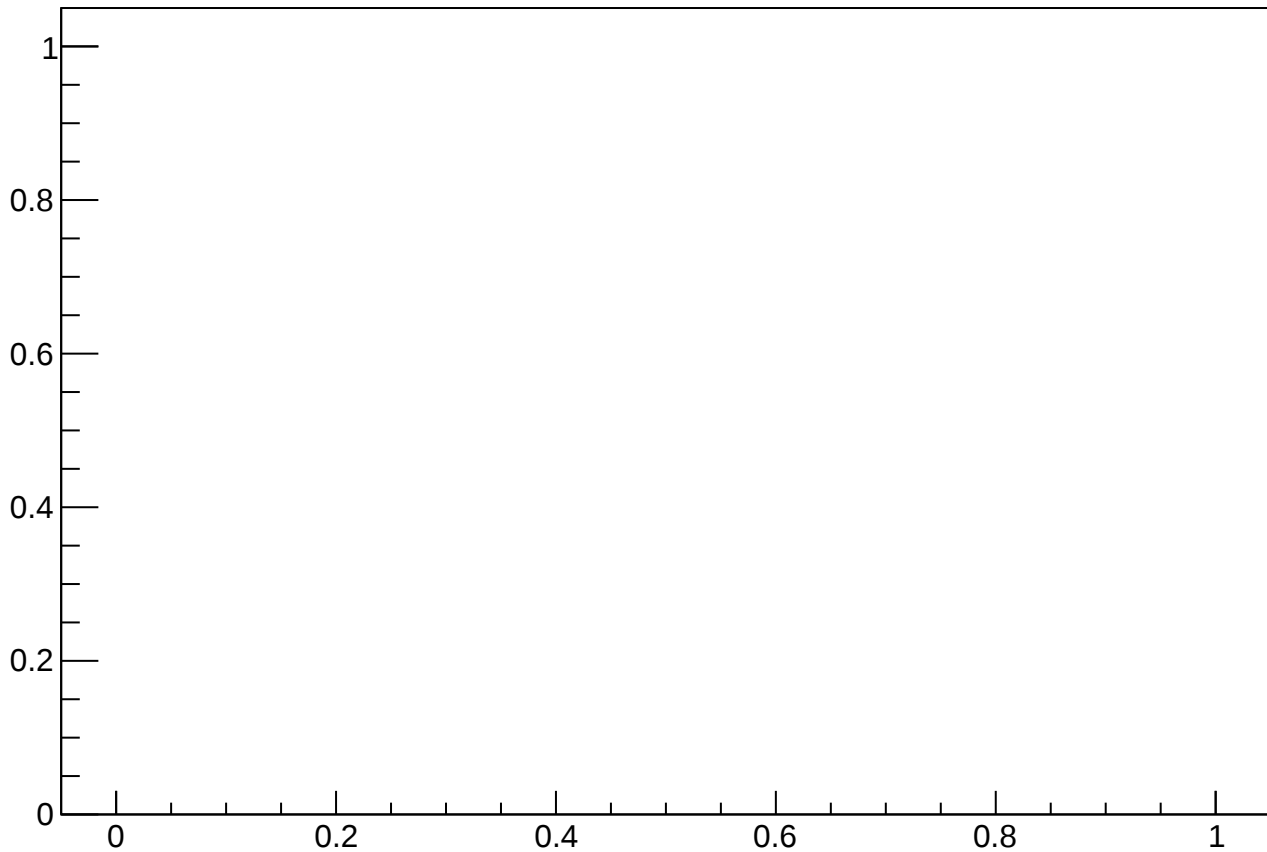
Right Out: 17.567+/-0.017 χ^2 /NDF: 0.0/0

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

16.620+/-0.008 χ^2 /NDF: 5215.8/2

17.567+/-0.017 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_avg_mean vs slug



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

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

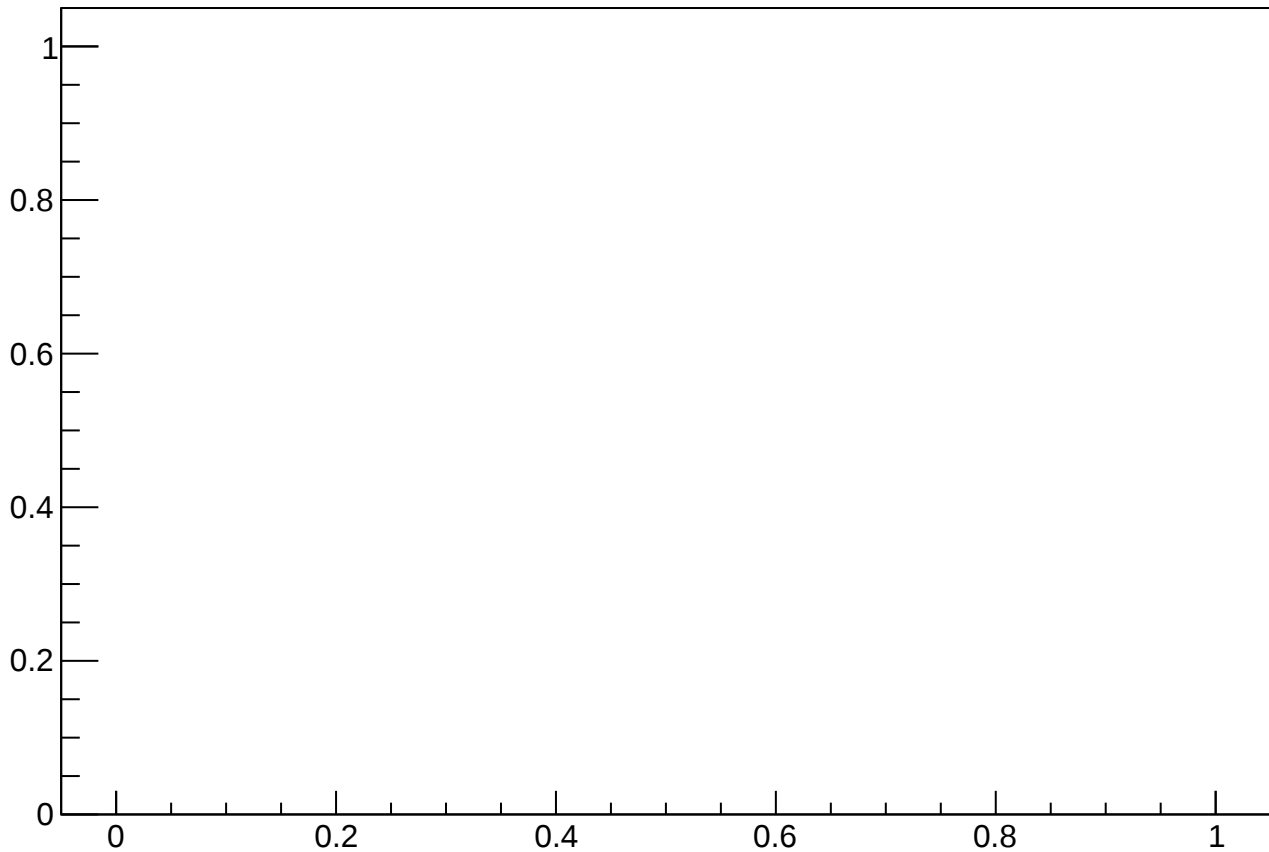
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

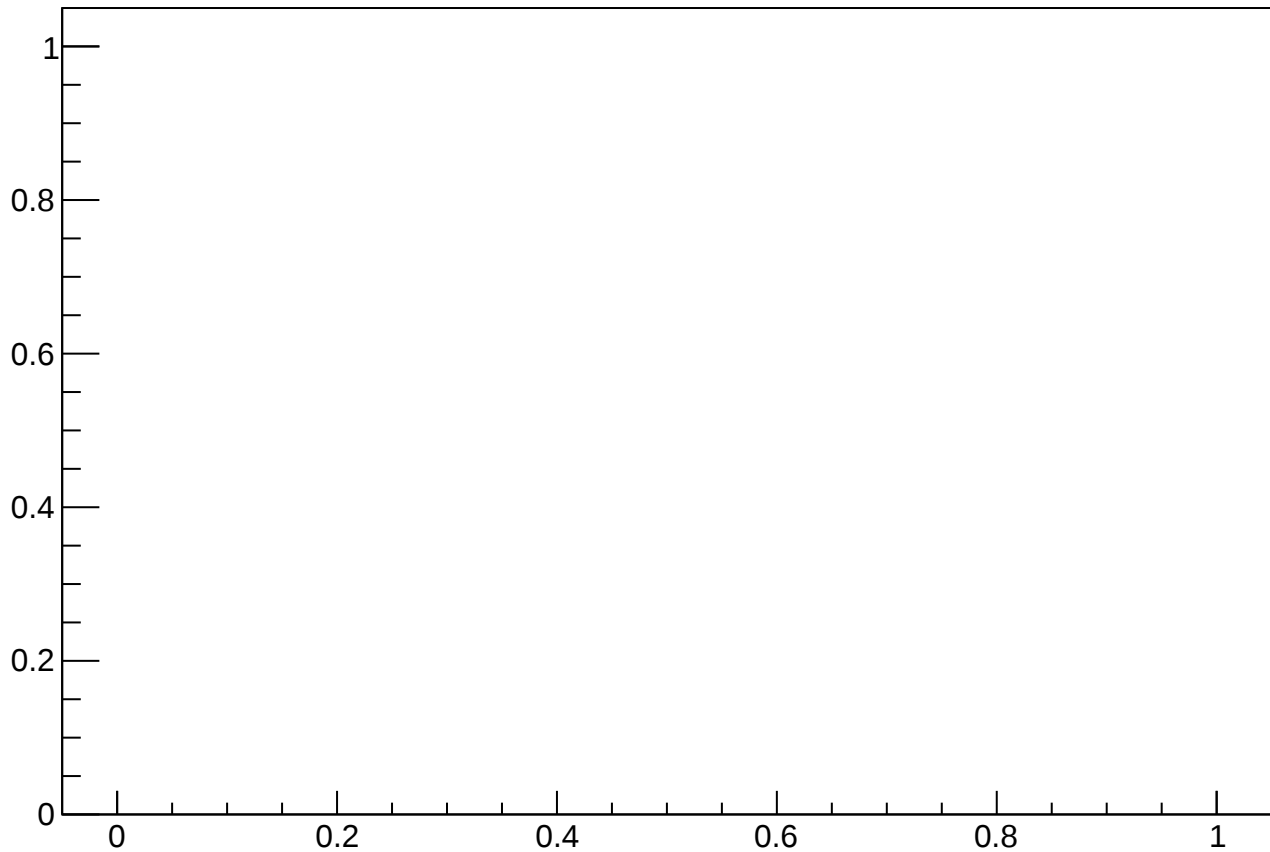
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

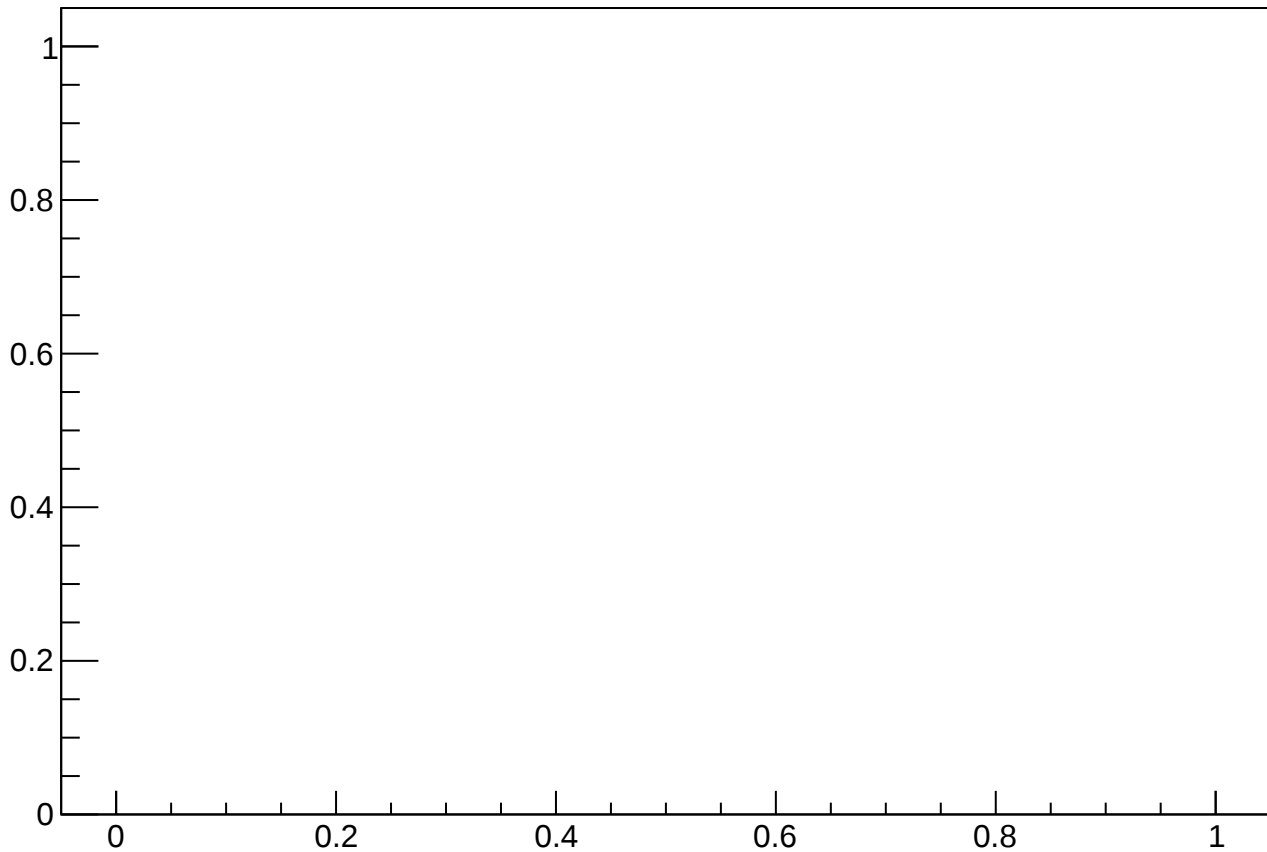
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

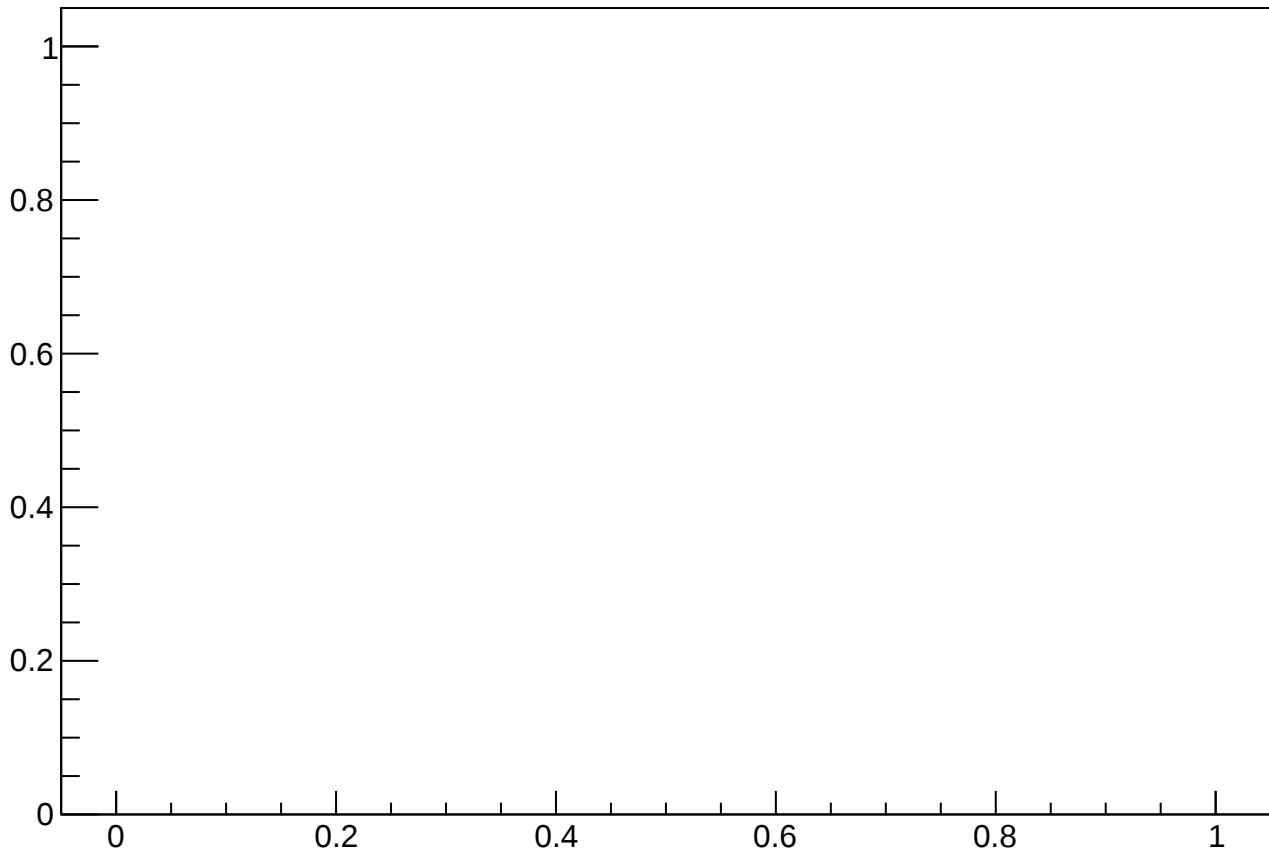
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

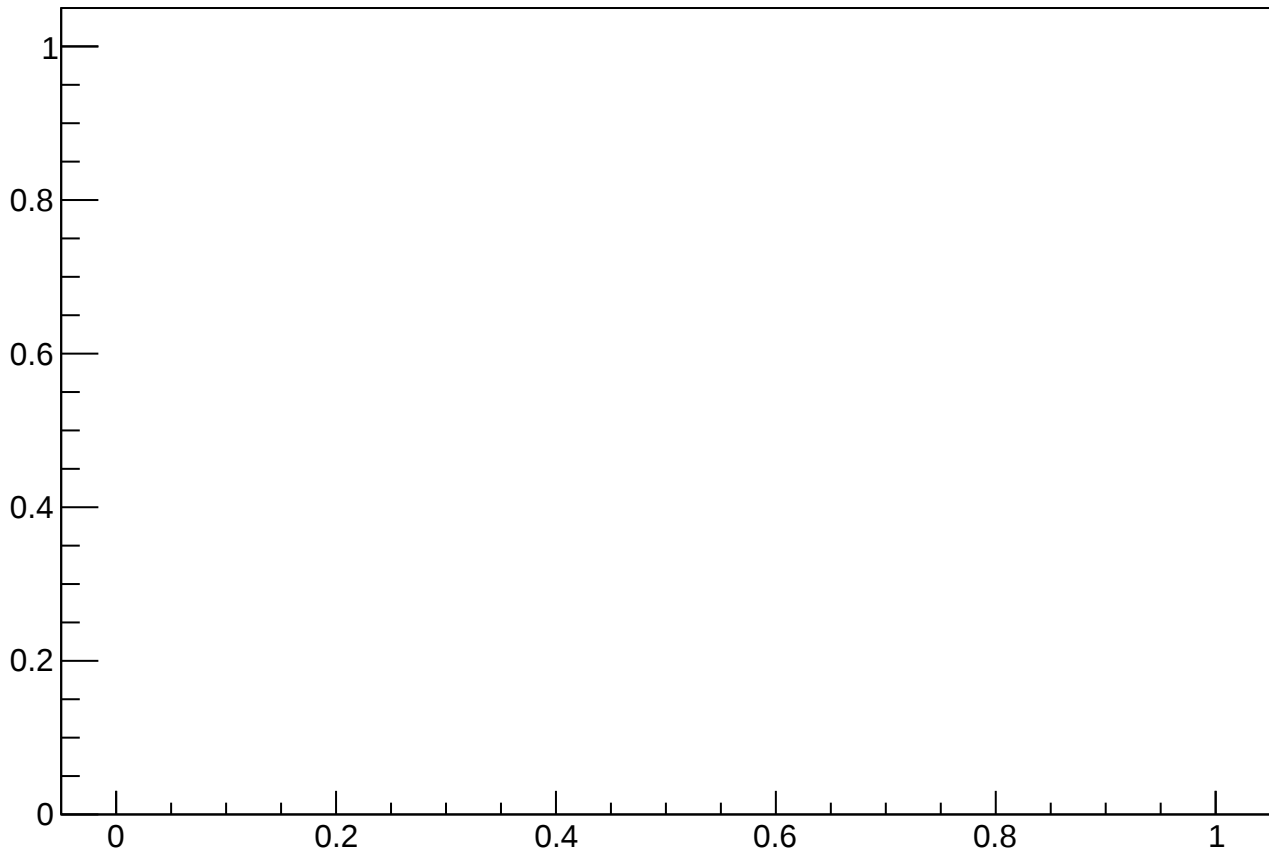
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

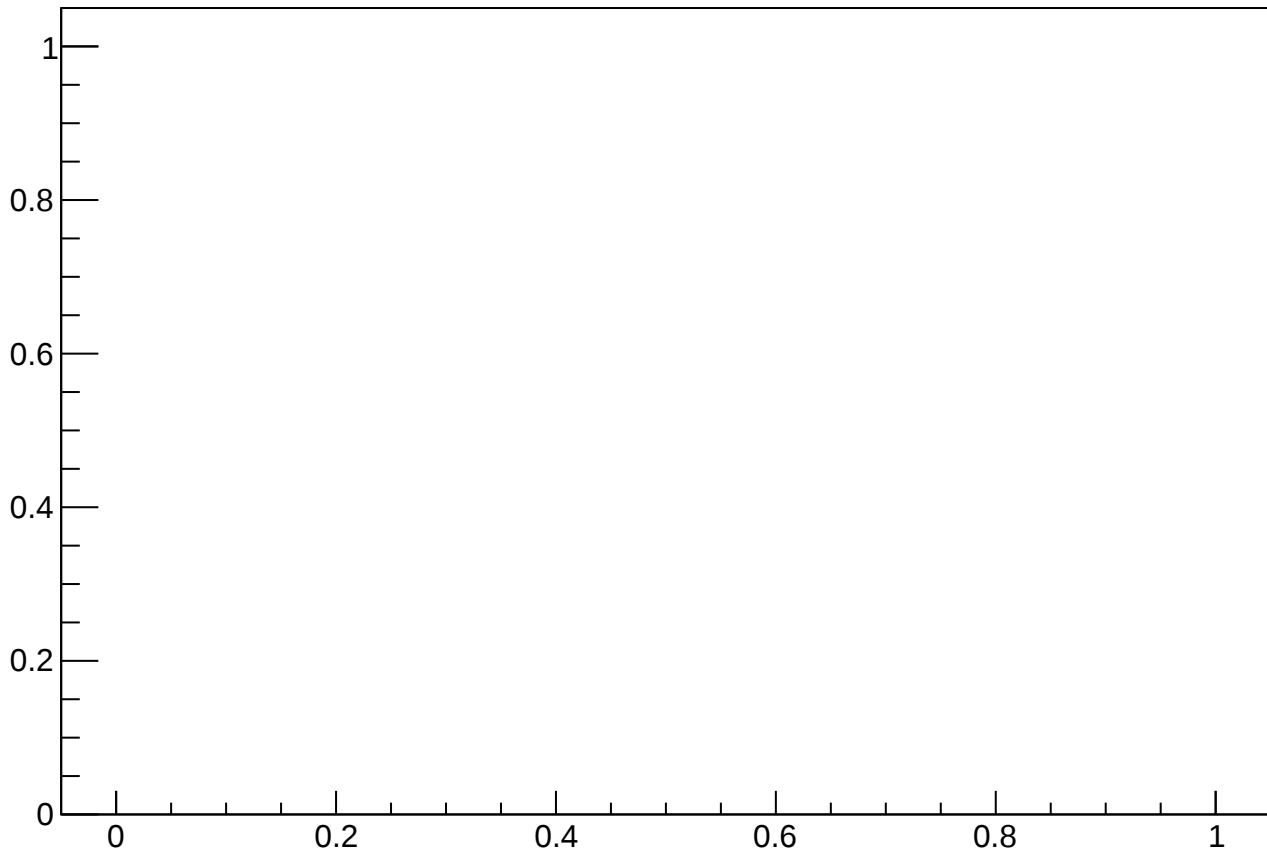
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

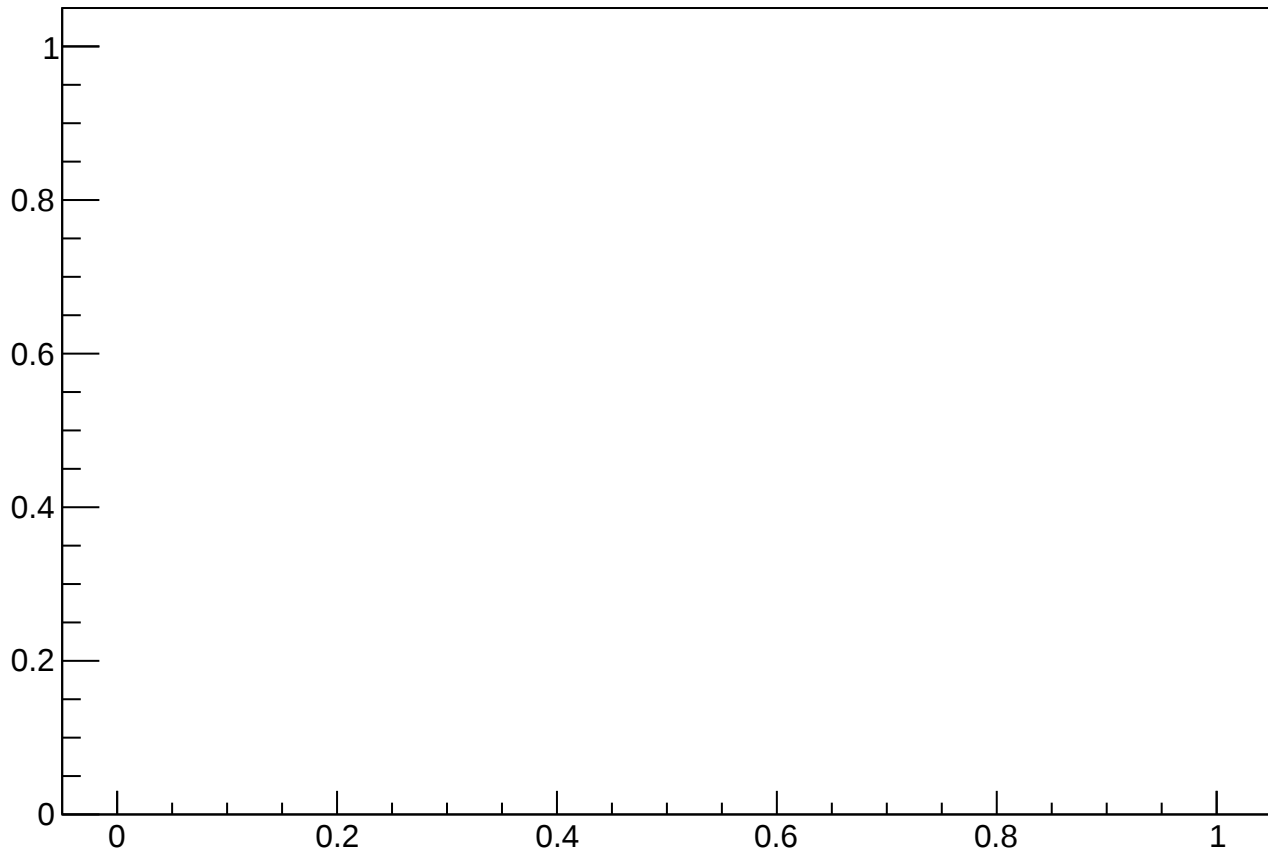
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

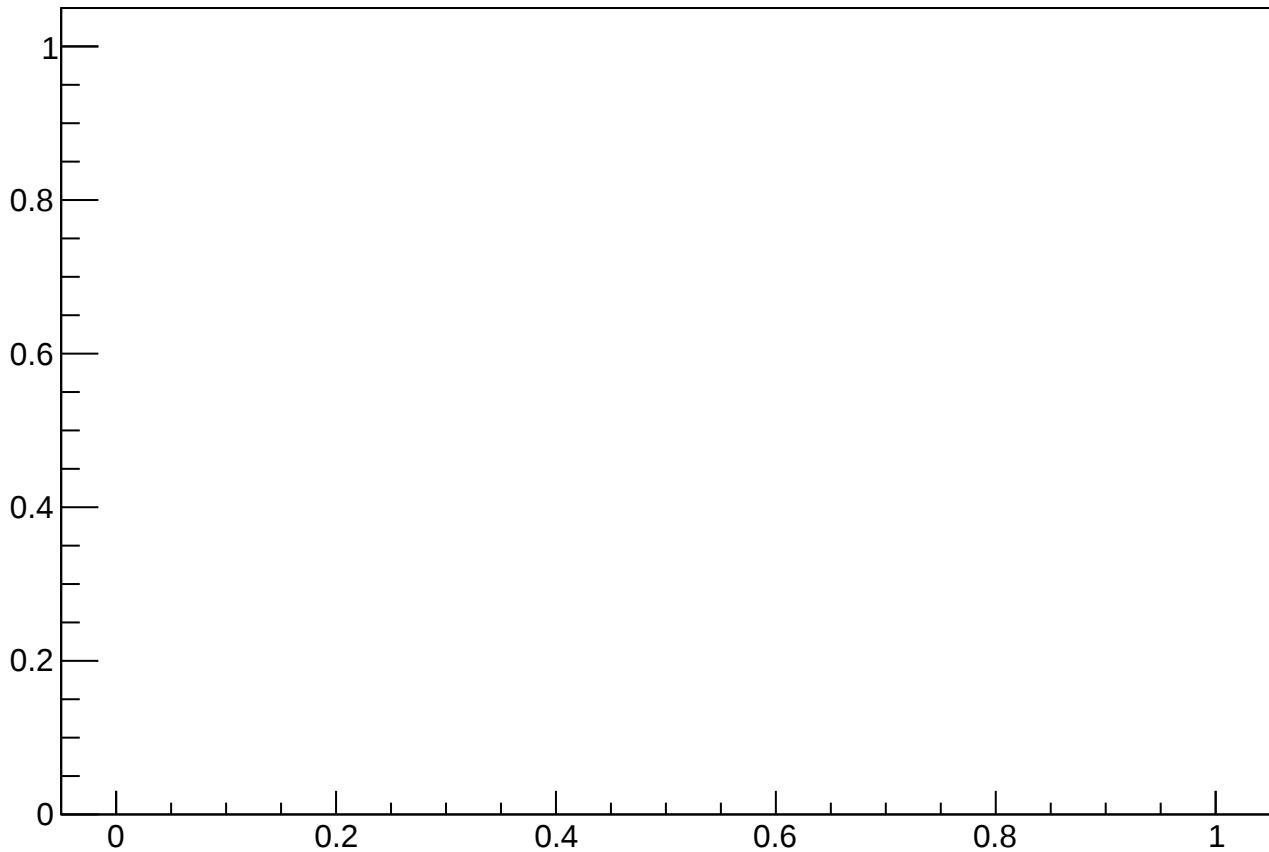
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

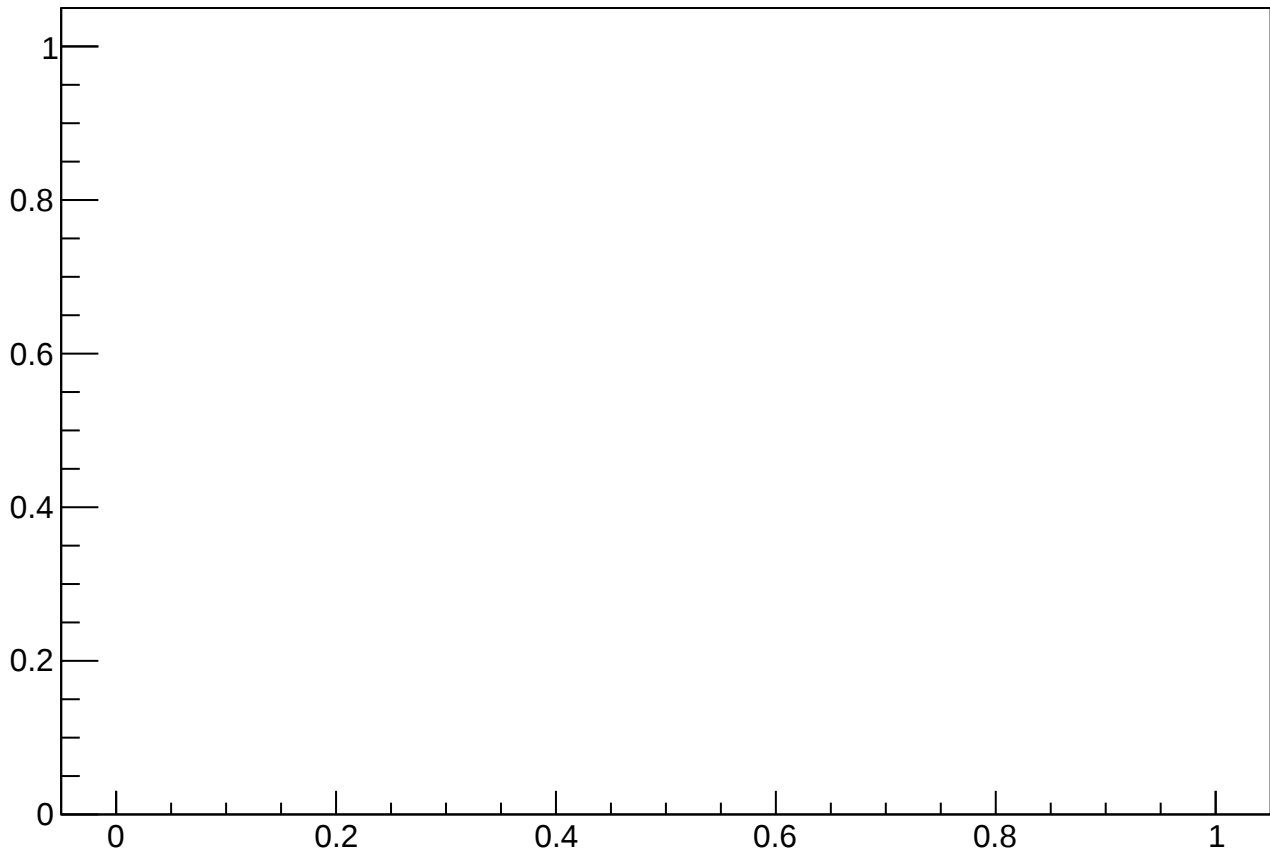
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

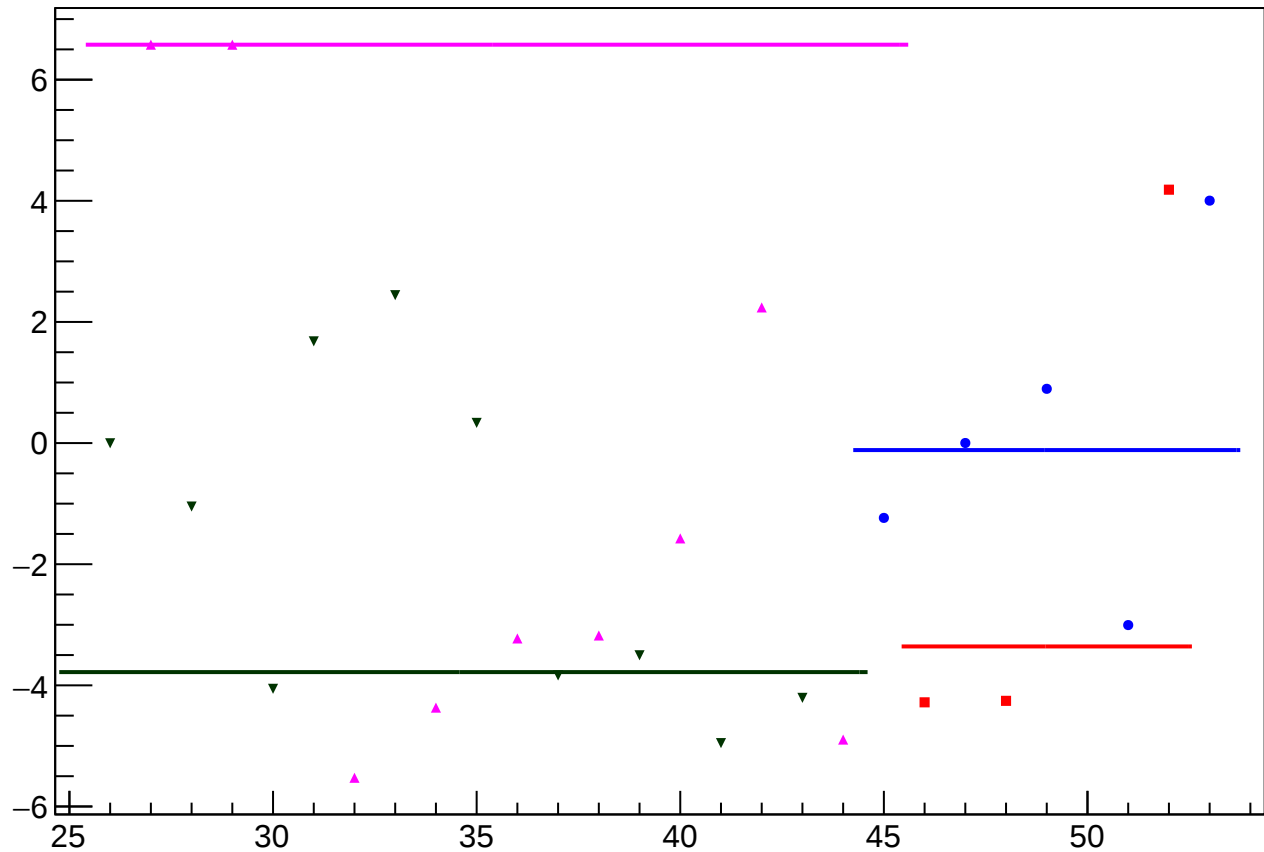
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.116 ± 0.002 $\chi^2/\text{NDF}: 1579945.4/4$

Left Out: -3.781 ± 0.001 $\chi^2/\text{NDF}: 5647760.8/9$

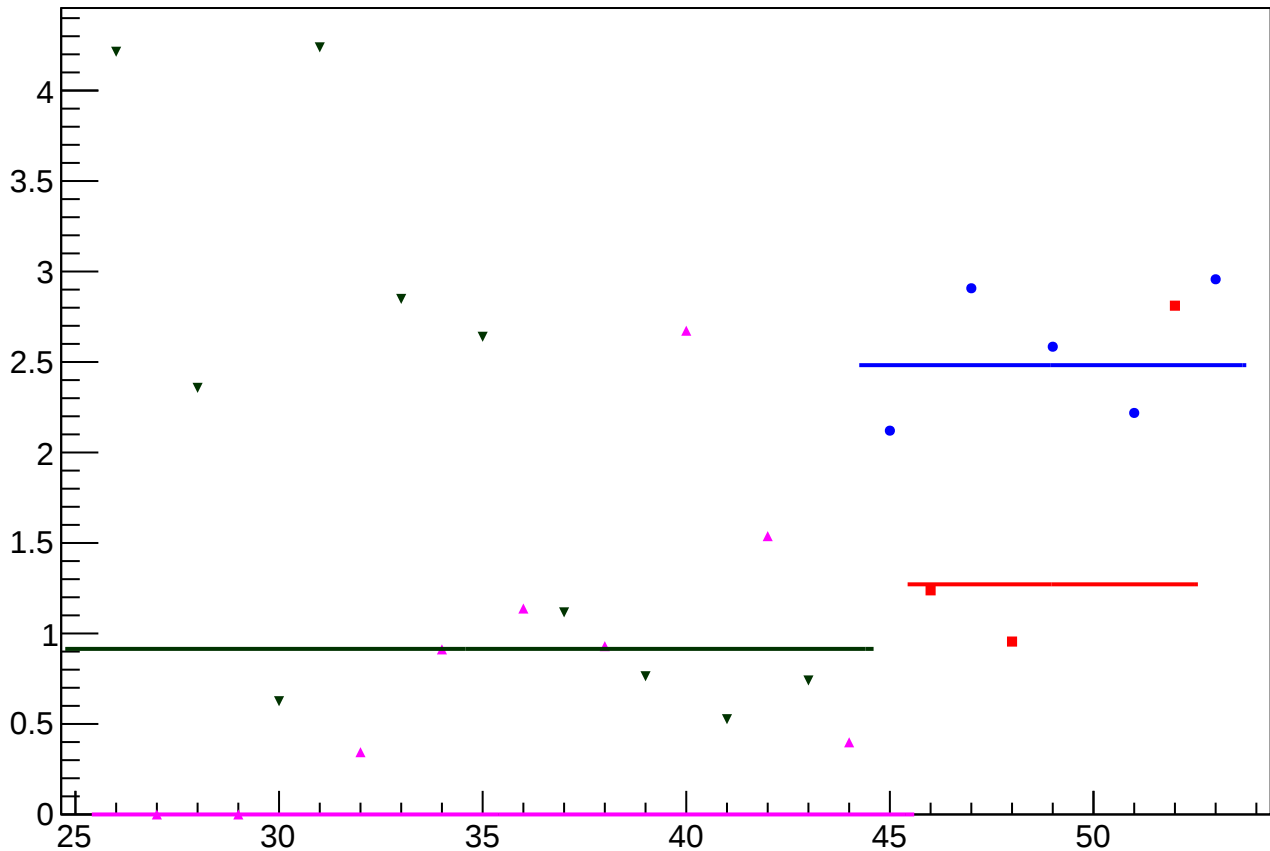
Right Out: -3.358 ± 0.001 $\chi^2/\text{NDF}: 3620888.6/2$

Left In: 6.578 ± 0.000 $\chi^2/\text{NDF}: 822745834.1/8$

-3.287 ± 0.001 $\chi^2/\text{NDF}: 11780920.0/14$

6.578 ± 0.000 $\chi^2/\text{NDF}: 878479061.2/11$

yield_cav4bX_rms vs slug



Right In: 2.483+/-0.001 χ^2/NDF : 80814.4/4

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

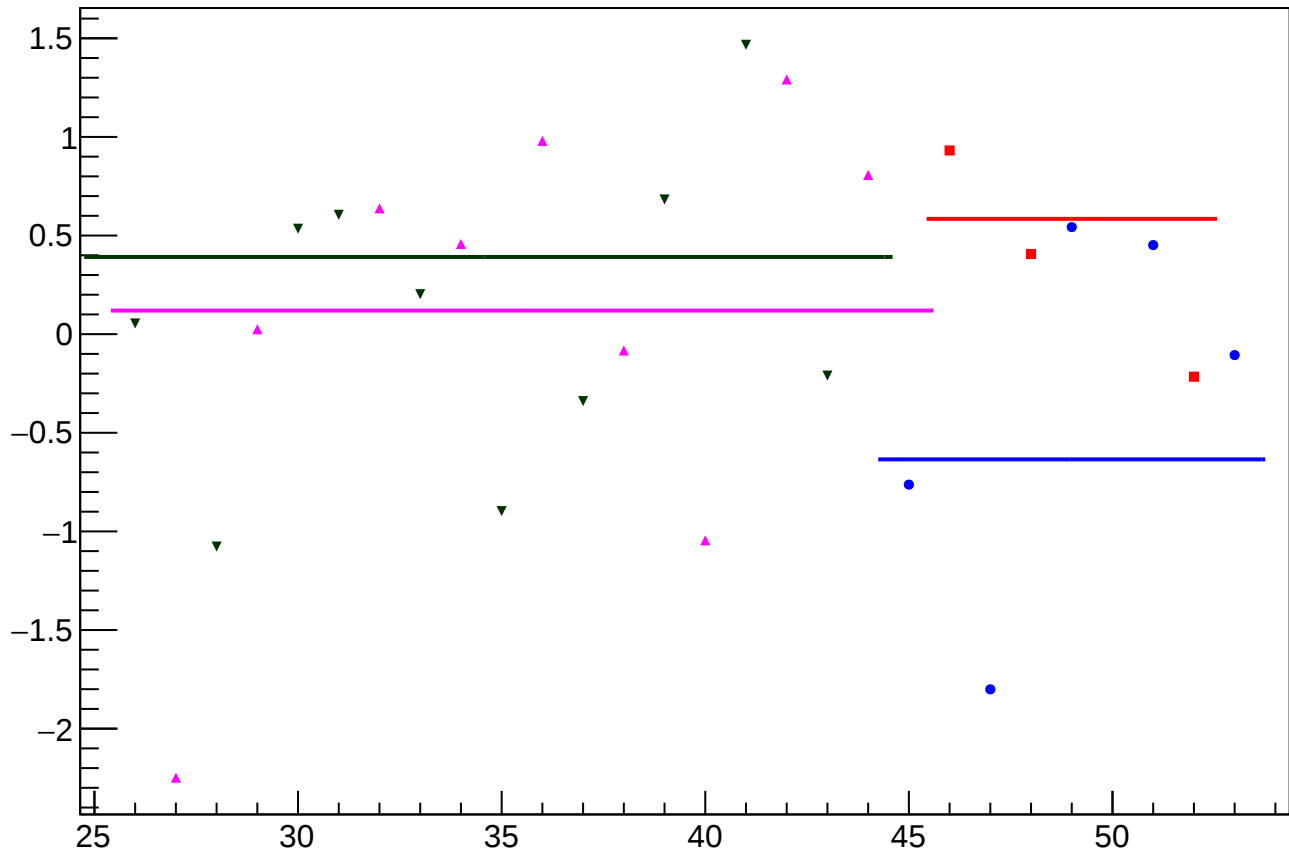
1.126+/-0.000 χ^2/NDF : 4241524.6/14

Right Out: 1.272+/-0.001 χ^2/NDF : 320614.9/2

0.000+/-0.000 χ^2/NDF : 6666868.4/11

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

yield_cav4bY_mean vs slug



Right In: -0.635+/-0.001 χ^2/NDF : 1634377.5/4

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

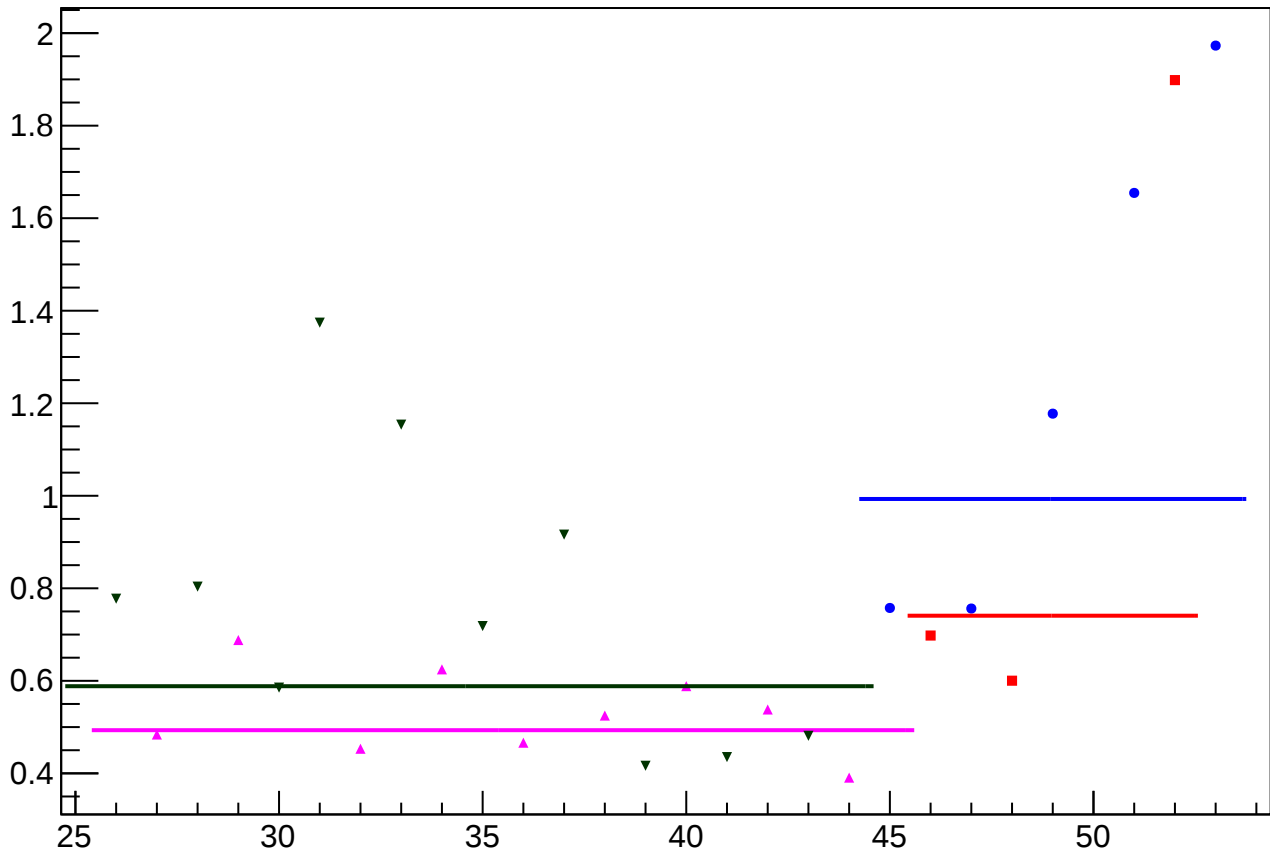
Right Out: 0.585+/-0.001 χ^2/NDF : 217091.8/2

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

0.213+/-0.000 χ^2/NDF : 10321734.2/14

0.169+/-0.000 χ^2/NDF : 20674295.0/11

yield_cav4bY_rms vs slug



Right In: 0.993 ± 0.000 χ^2/NDF : 560363.0/4

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

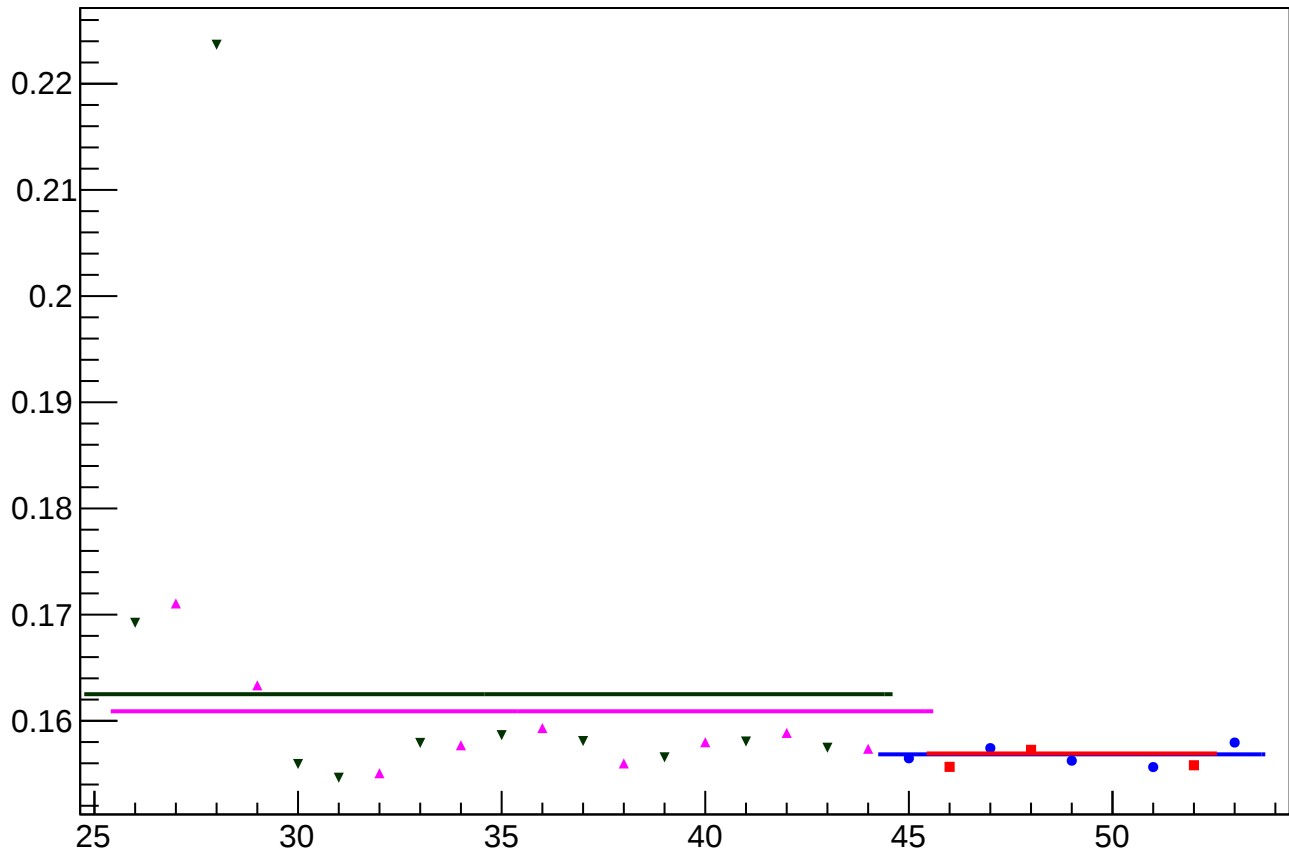
Right Out: 0.741 ± 0.001 χ^2/NDF : 420616.5/2

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

0.659 ± 0.000 χ^2/NDF : 2010213.4/14

0.520 ± 0.000 χ^2/NDF : 840765.6/11

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 82543.7/4

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

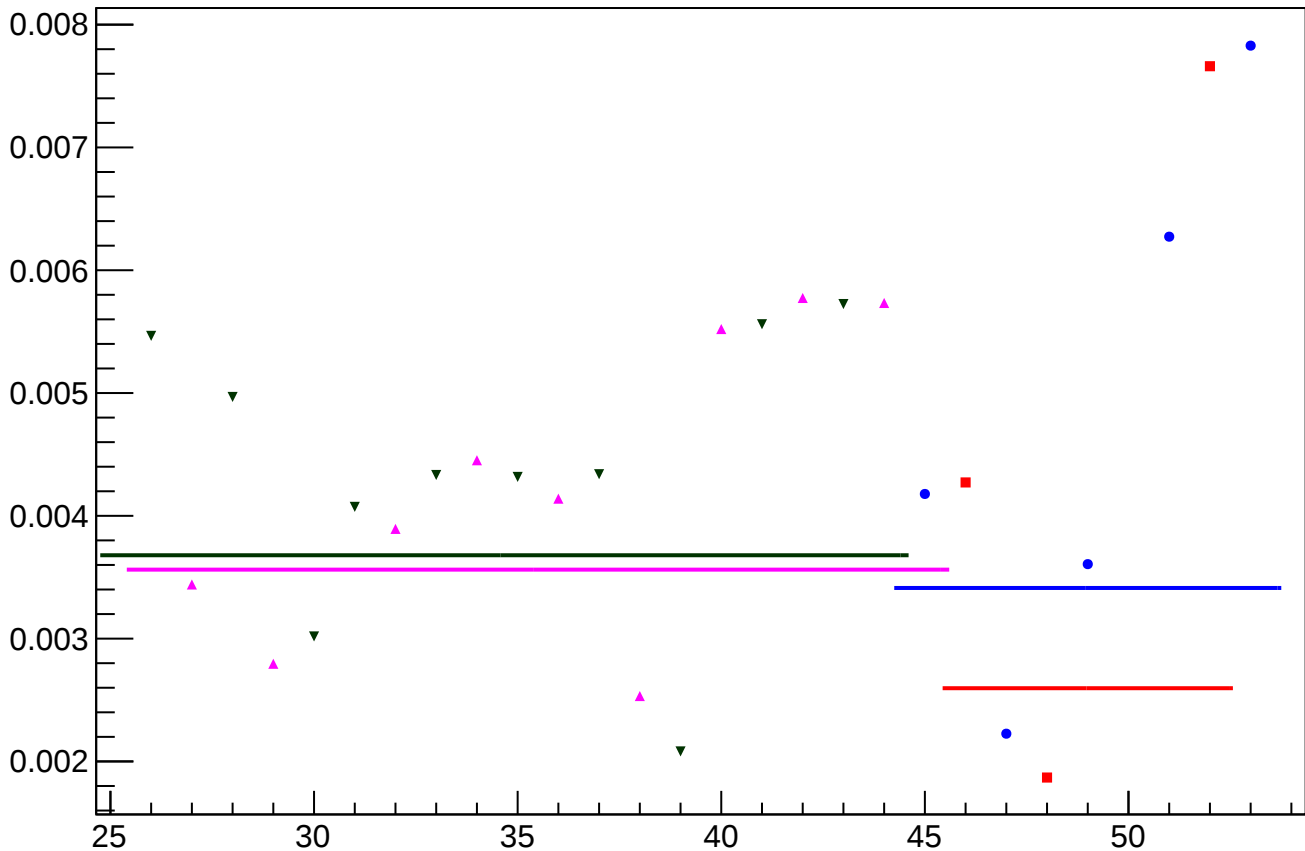
Right Out: 0.157+/-0.000 χ^2/NDF : 60695.6/2

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

0.160+/-0.000 χ^2/NDF : 105915039.1/14

0.160+/-0.000 χ^2/NDF : 13398746.6/11

yield_cav4cX_rms vs slug



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 796448.6/4

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:1048834.3/9

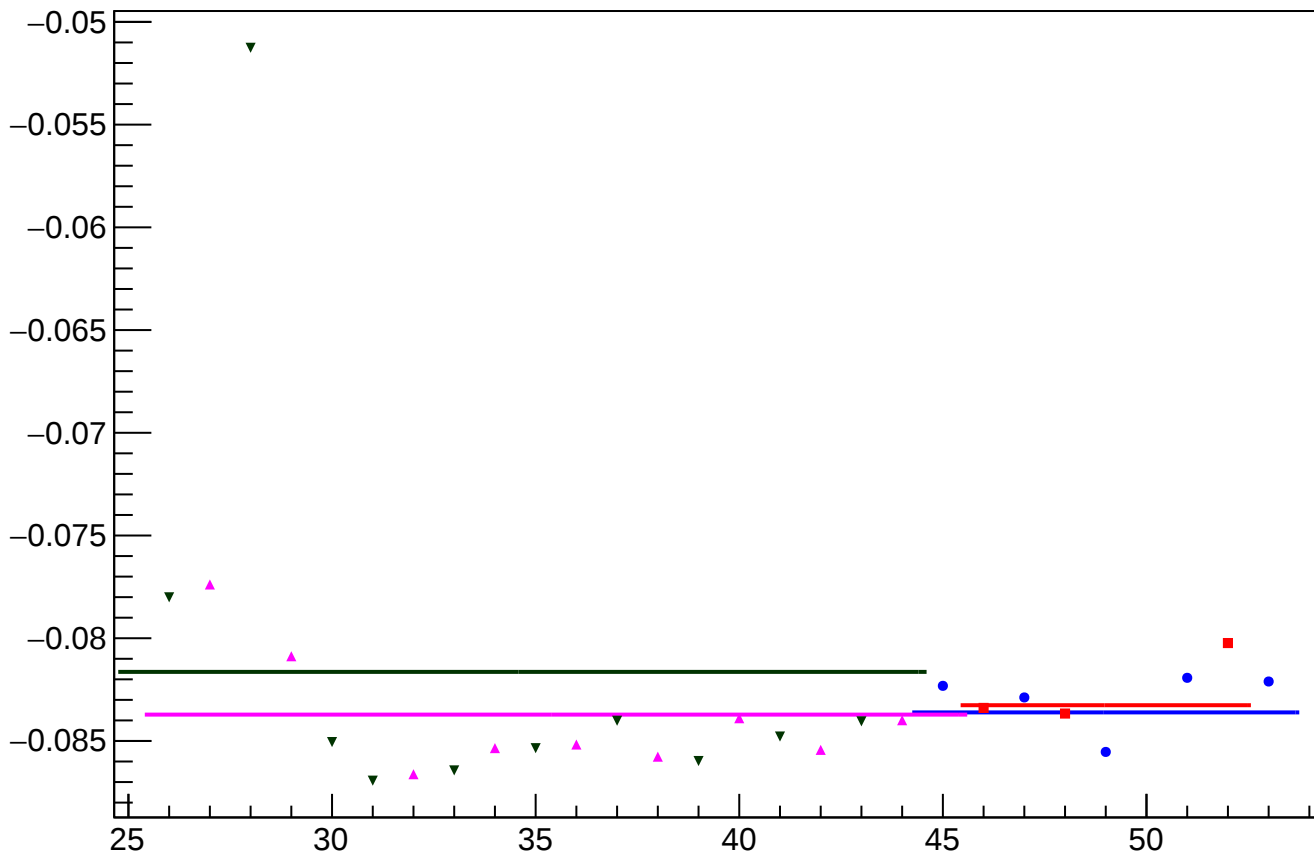
Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 697338.9/2

Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:750626.0/8

0.004 $\pm$ 0.000 χ^2 /NDF: 1862868.0/14

0.003 $\pm$ 0.000 χ^2 /NDF: 1645327.9/11

yield_cav4cY_mean vs slug



Right In: -0.084+/-0.000 χ^2/NDF : 295172.9/4

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

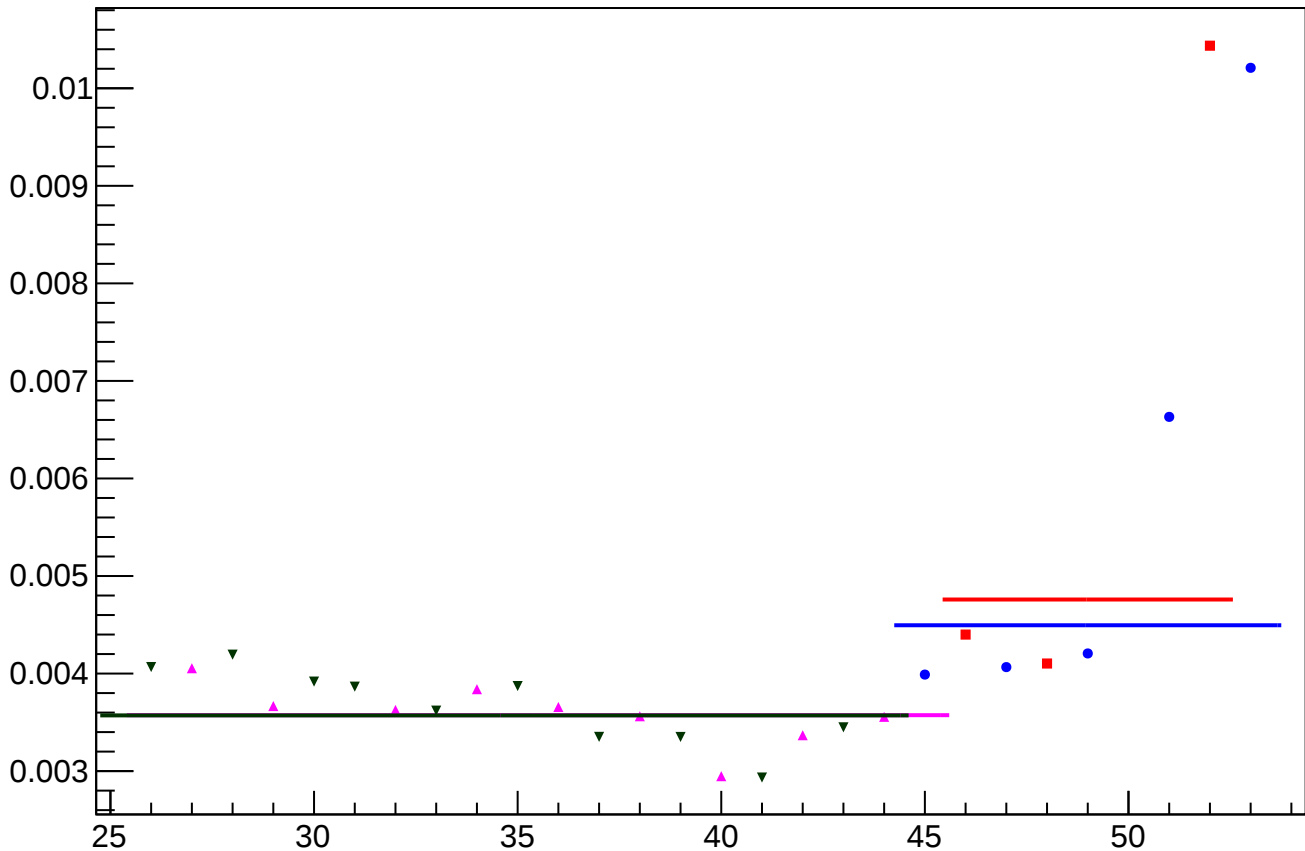
Right Out: -0.083+/-0.000 χ^2/NDF : 45515.8/2

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

-0.082+/-0.000 χ^2/NDF : 36593997.1/14

-0.084+/-0.000 χ^2/NDF : 3575950.6/11

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 414339.6/4

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

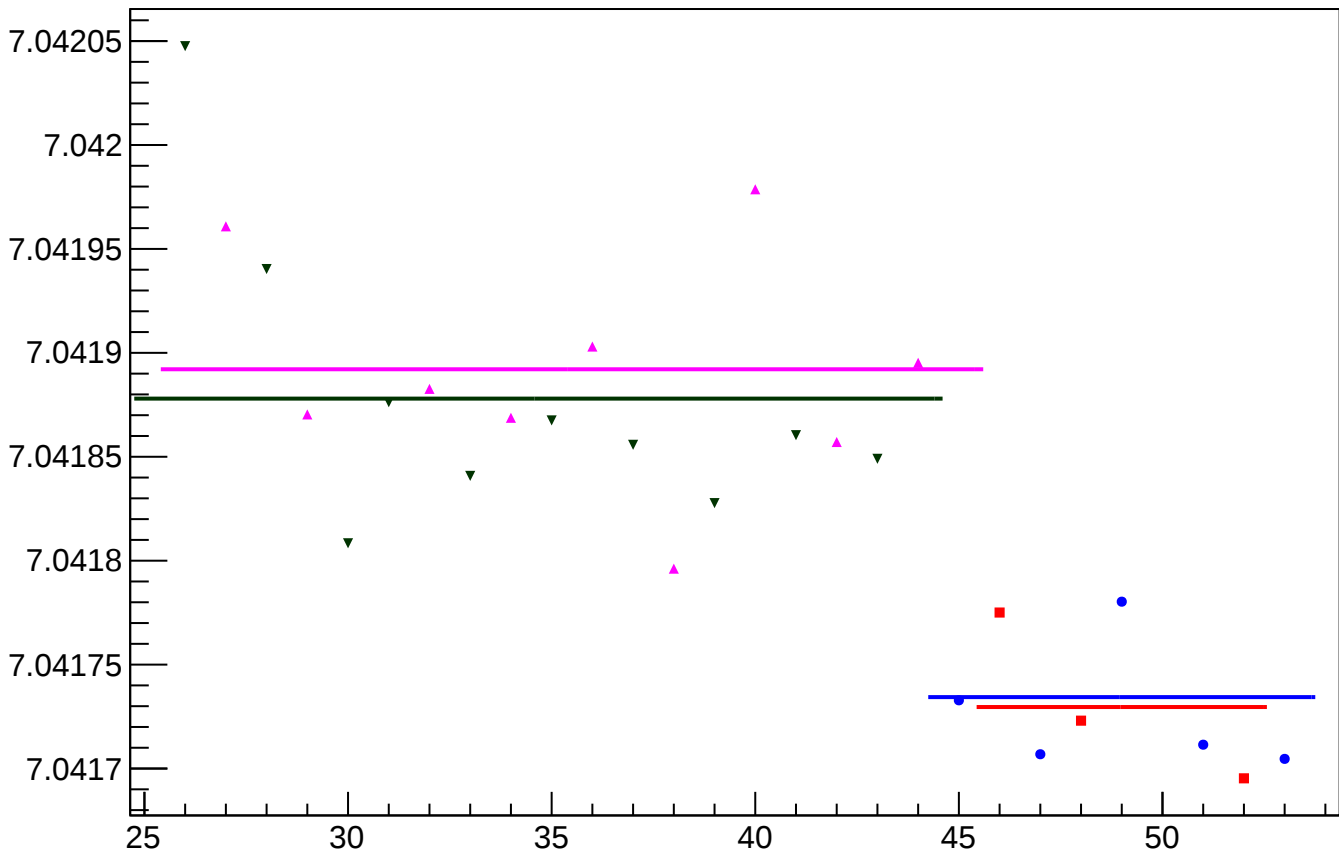
0.004+/-0.000 χ^2/NDF : 702297.8/14

Right Out: 0.005+/-0.000 χ^2/NDF : 316122.1/2

0.004+/-0.000 χ^2/NDF : 528262.8/11

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

yield_cav4dX_mean vs slug



Right In: 7.042+/-0.000 χ^2/NDF : 108736.4/4

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

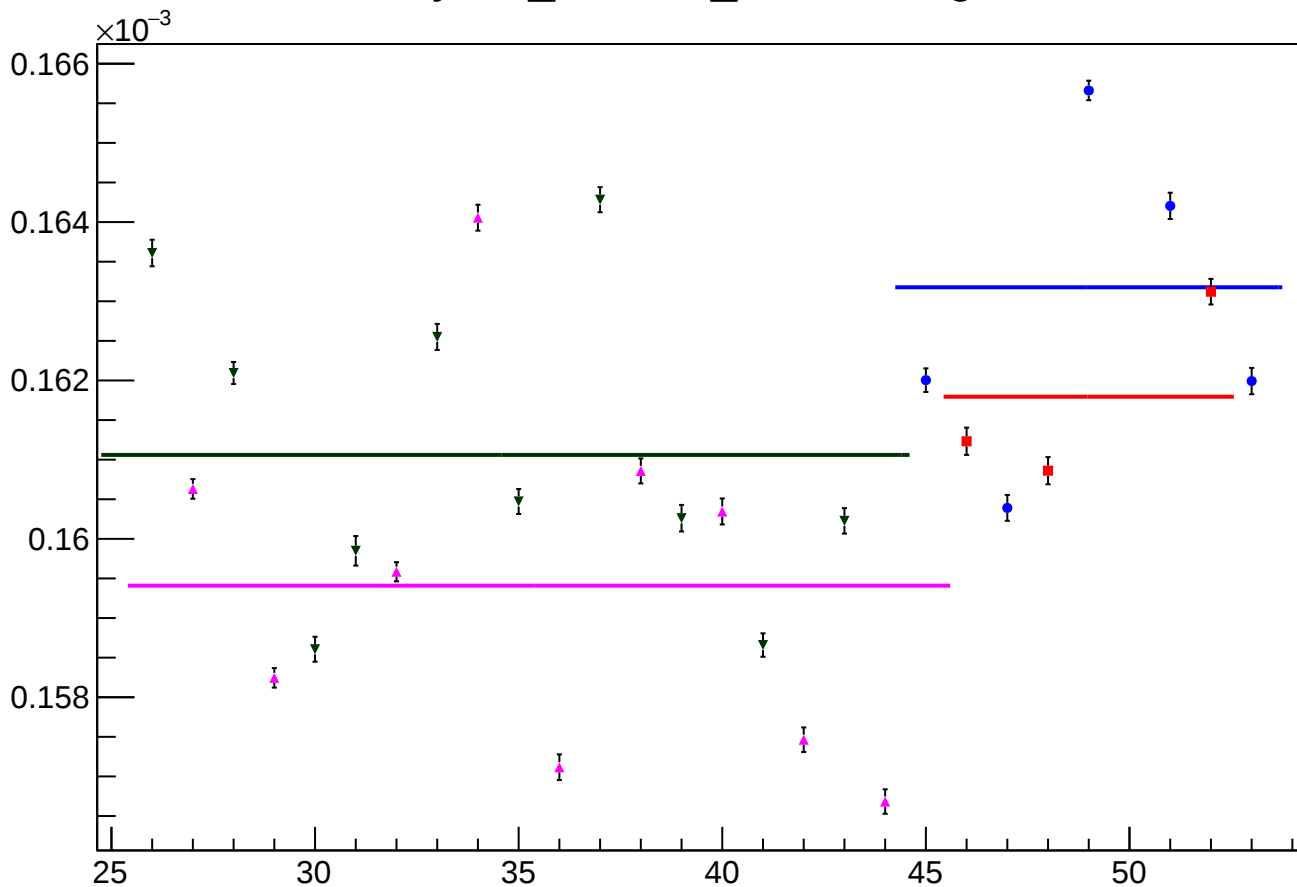
Right Out: 7.042+/-0.000 χ^2/NDF : 58014.4/2

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

7.042+/-0.000 χ^2/NDF : 2381052.5/14

7.042+/-0.000 χ^2/NDF : 1715520.1/11

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 846.5/4

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

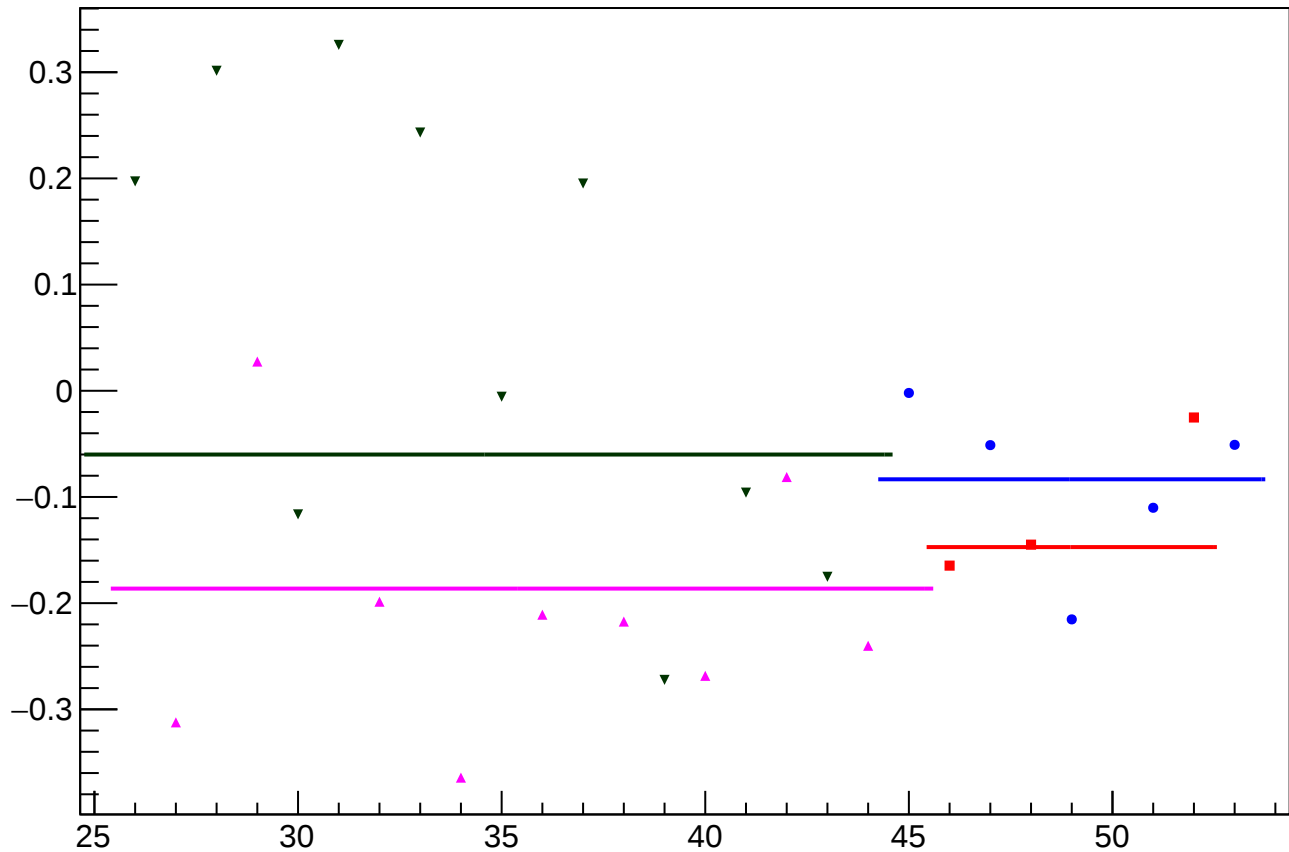
Right Out: 0.000+/-0.000 χ^2/NDF : 107.4/2

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

0.000+/-0.000 χ^2/NDF : 2872.7/14

0.000+/-0.000 χ^2/NDF : 2368.2/11

yield_cav4dY_mean vs slug



Right In: -0.083+/-0.000 χ^2/NDF : 844535.2/4

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

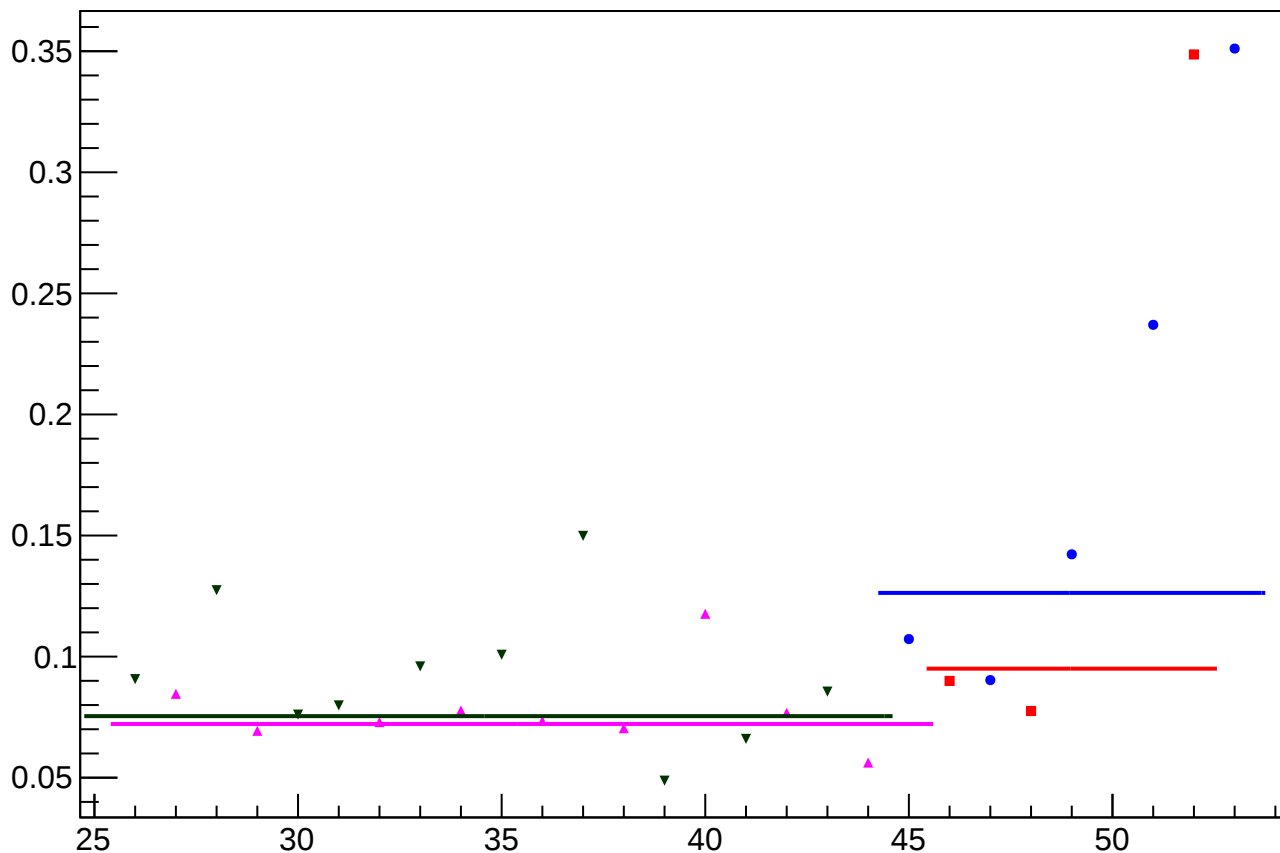
Right Out: -0.147+/-0.000 χ^2/NDF : 71057.2/2

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

-0.065+/-0.000 χ^2/NDF : 20417998.1/14

-0.182+/-0.000 χ^2/NDF : 8549690.9/11

yield_cav4dY_rms vs slug



Right In: 0.126+/-0.000 χ^2/NDF : 732208.0/4

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

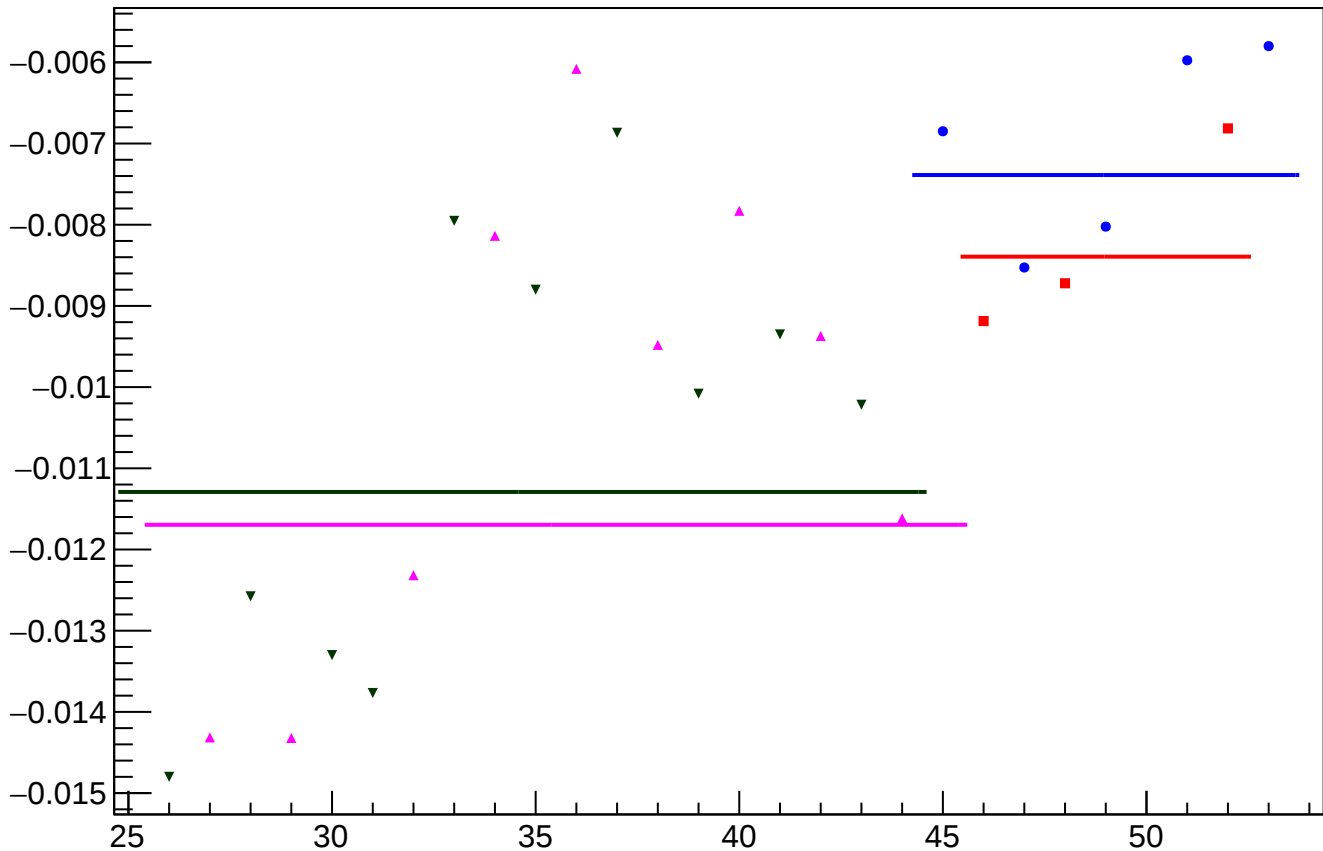
Right Out: 0.095+/-0.000 χ^2/NDF : 551885.0/2

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

0.086+/-0.000 χ^2/NDF : 1824957.7/14

0.075+/-0.000 χ^2/NDF : 826544.1/11

yield_bpm4aX_mean vs slug



Right In: -0.007 $\pm$ 0.000 χ^2/NDF : 29330.5/4

Left Out: -0.011 $\pm$ 0.000 χ^2/NDF : 378273.8/9

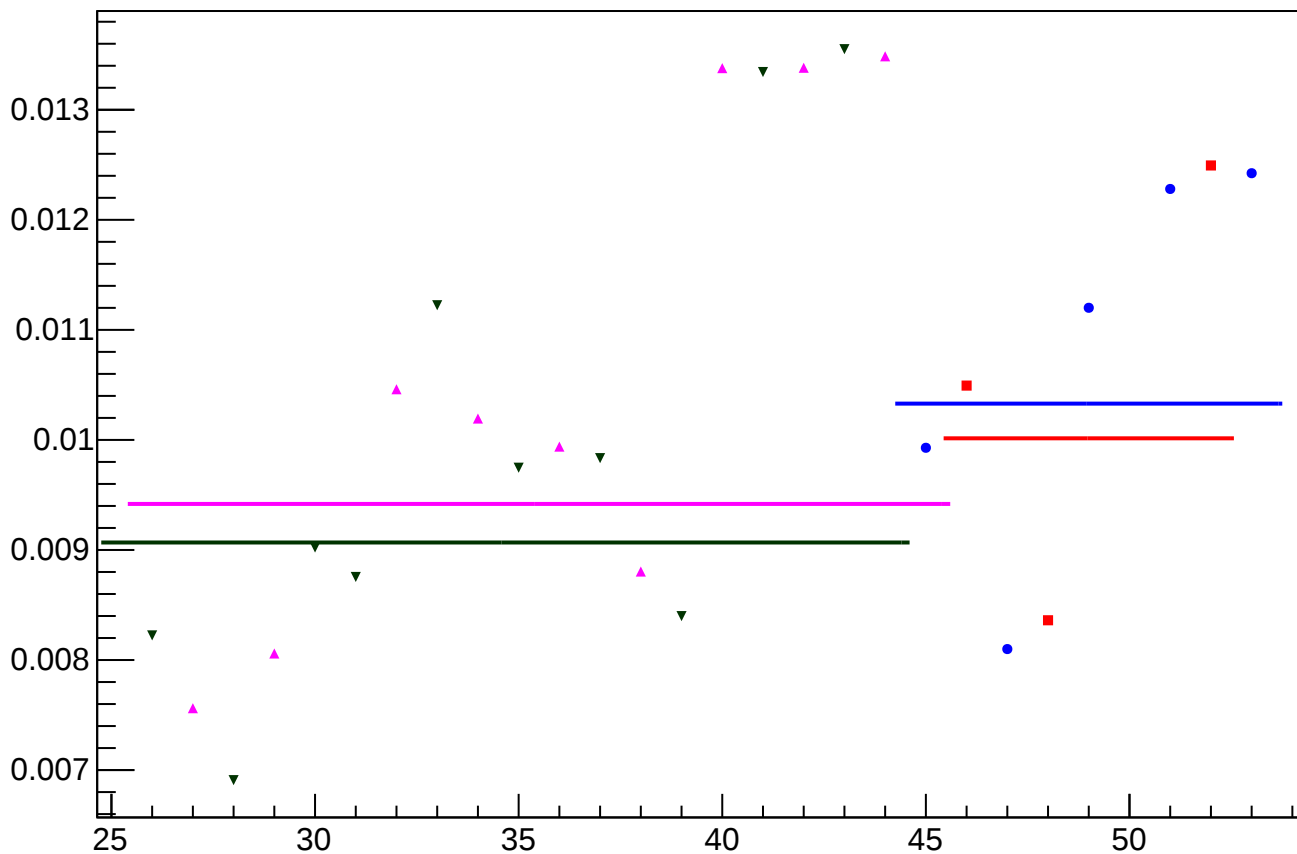
Right Out: -0.008 $\pm$ 0.000 χ^2/NDF : 11595.0/2

Left In: -0.012 $\pm$ 0.000 χ^2/NDF : 493253.3/8

-0.010 $\pm$ 0.000 χ^2/NDF : 693138.0/14

-0.011 $\pm$ 0.000 χ^2/NDF : 626079.6/11

yield_bpm4aX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 142222.3/4

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

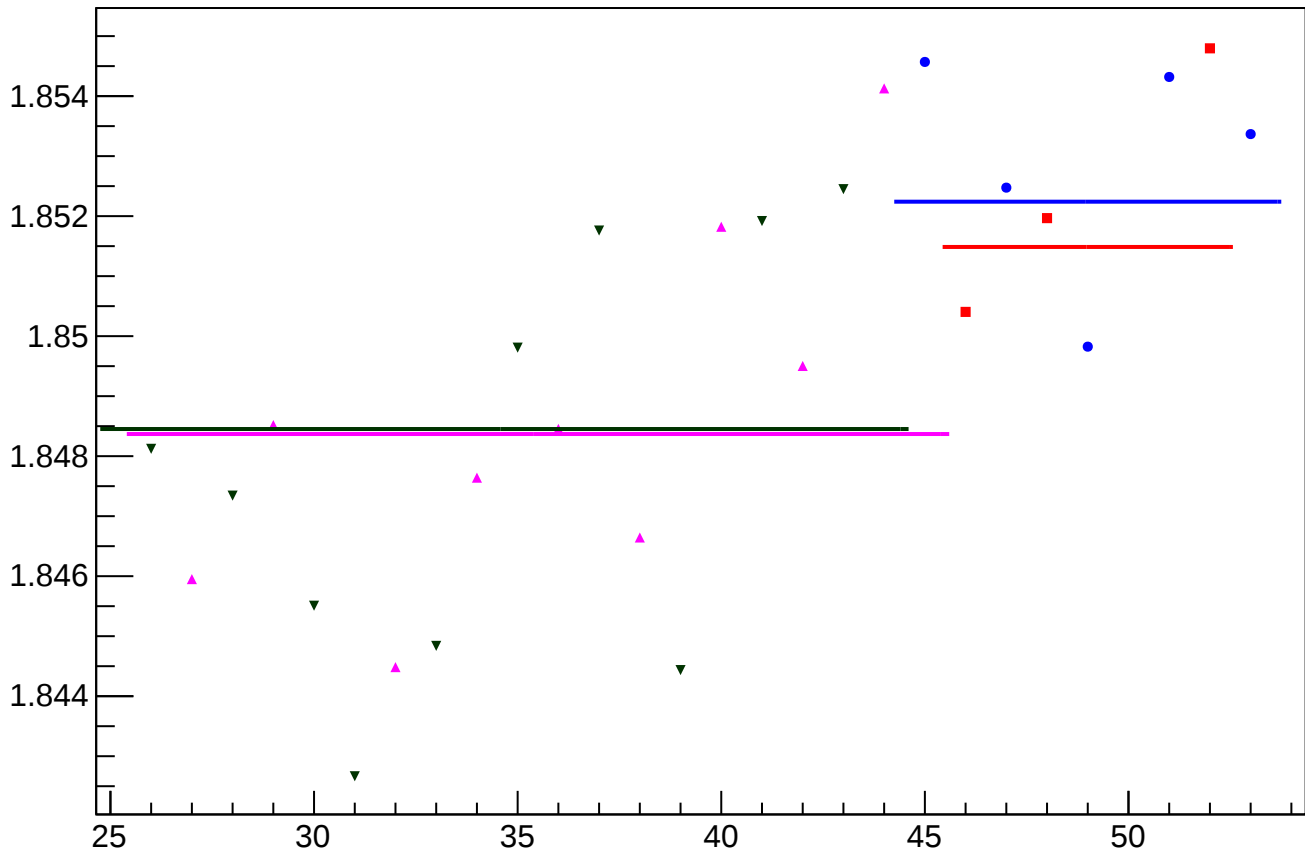
Right Out: 0.010+/-0.000 χ^2/NDF : 76946.5/2

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

0.009+/-0.000 χ^2/NDF : 624720.9/14

0.010+/-0.000 χ^2/NDF : 532948.8/11

yield_bpm4aY_mean vs slug



Right In: 1.852 ± 0.000 χ^2/NDF : 35134.1/4

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

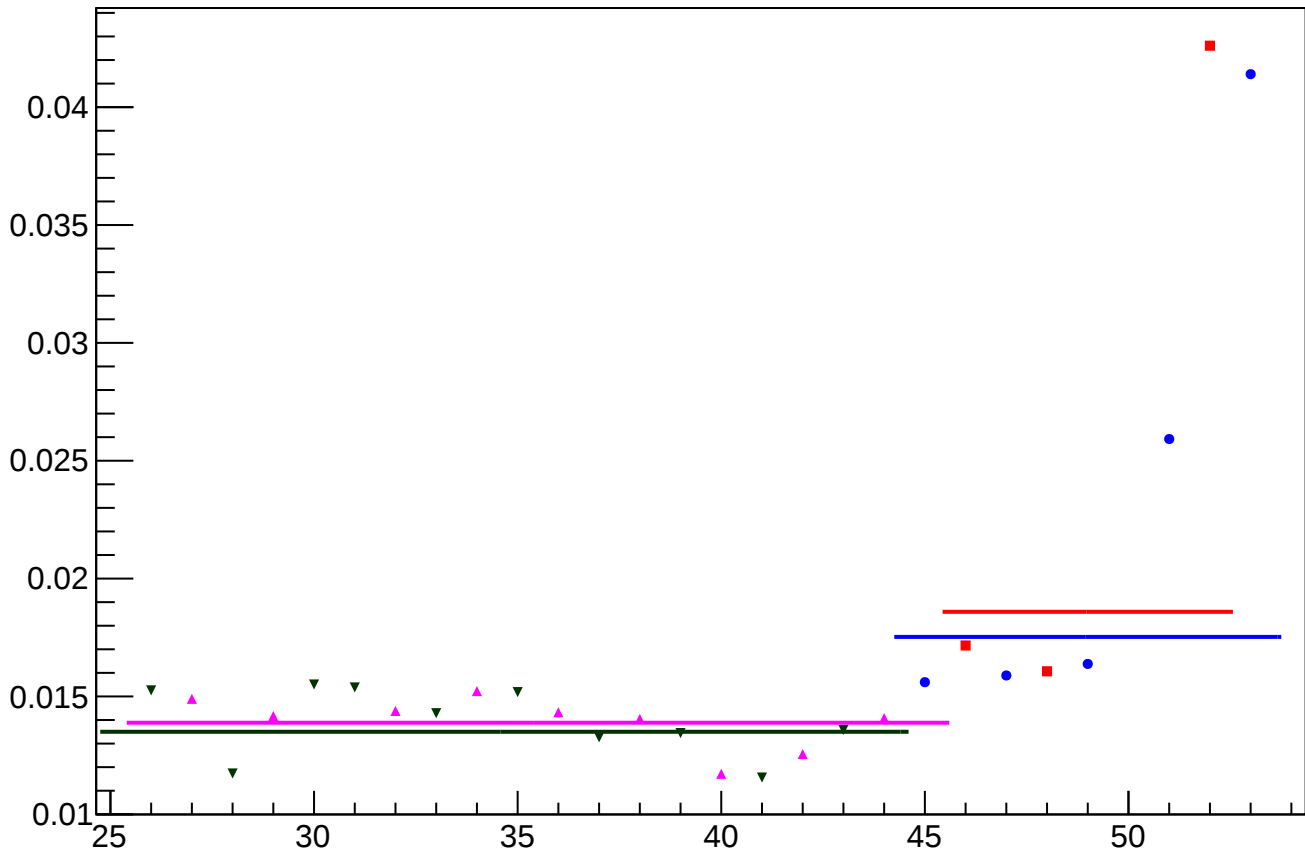
Right Out: 1.851 ± 0.000 χ^2/NDF : 5151.1/2

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

1.849 ± 0.000 χ^2/NDF : 403237.2/14

1.849 ± 0.000 χ^2/NDF : 261723.8/11

yield_bpm4aY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 430222.2/4

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

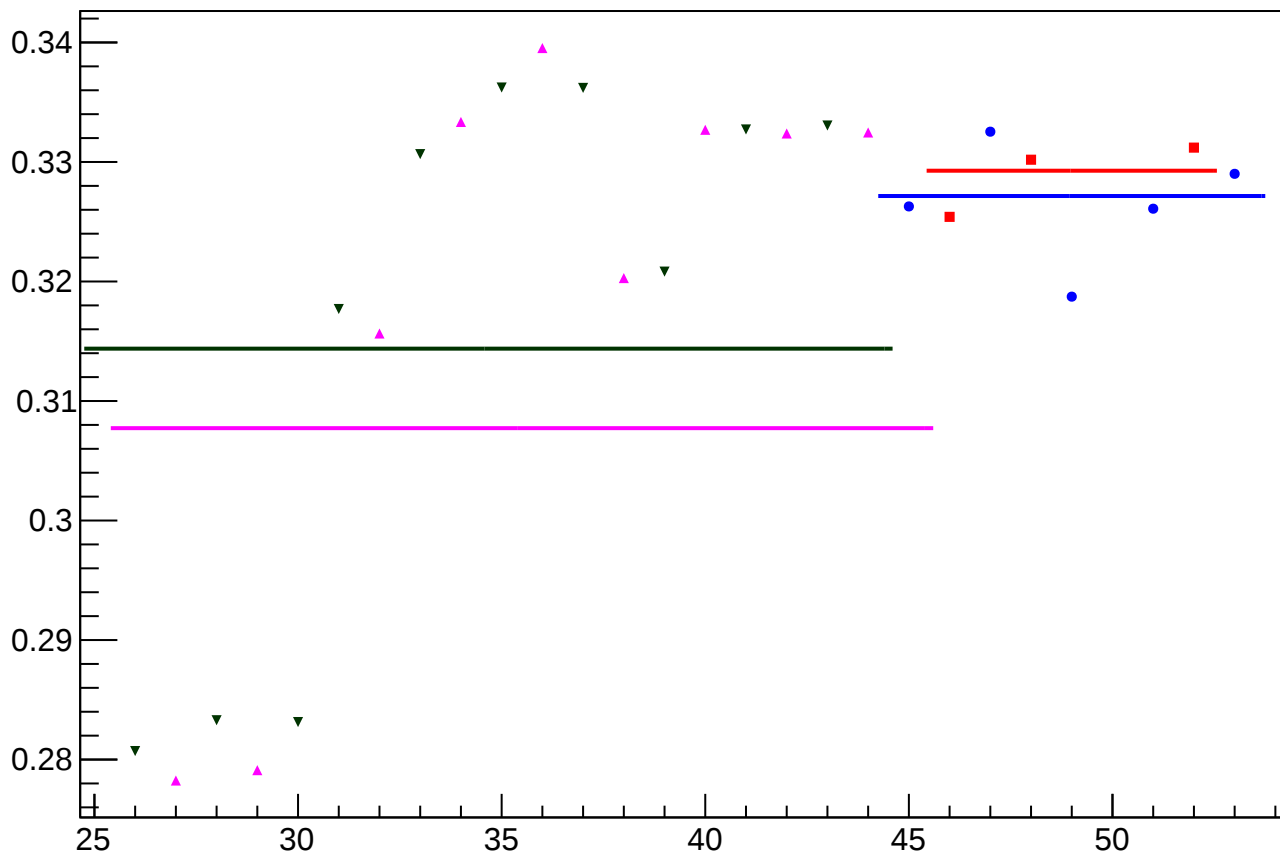
0.014+/-0.000 χ^2/NDF : 754877.4/14

Right Out: 0.019+/-0.000 χ^2/NDF : 337010.2/2

0.014+/-0.000 χ^2/NDF : 538793.9/11

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

yield_bpm4eX_mean vs slug



Right In: 0.327+/-0.000 χ^2/NDF : 154522.3/4

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

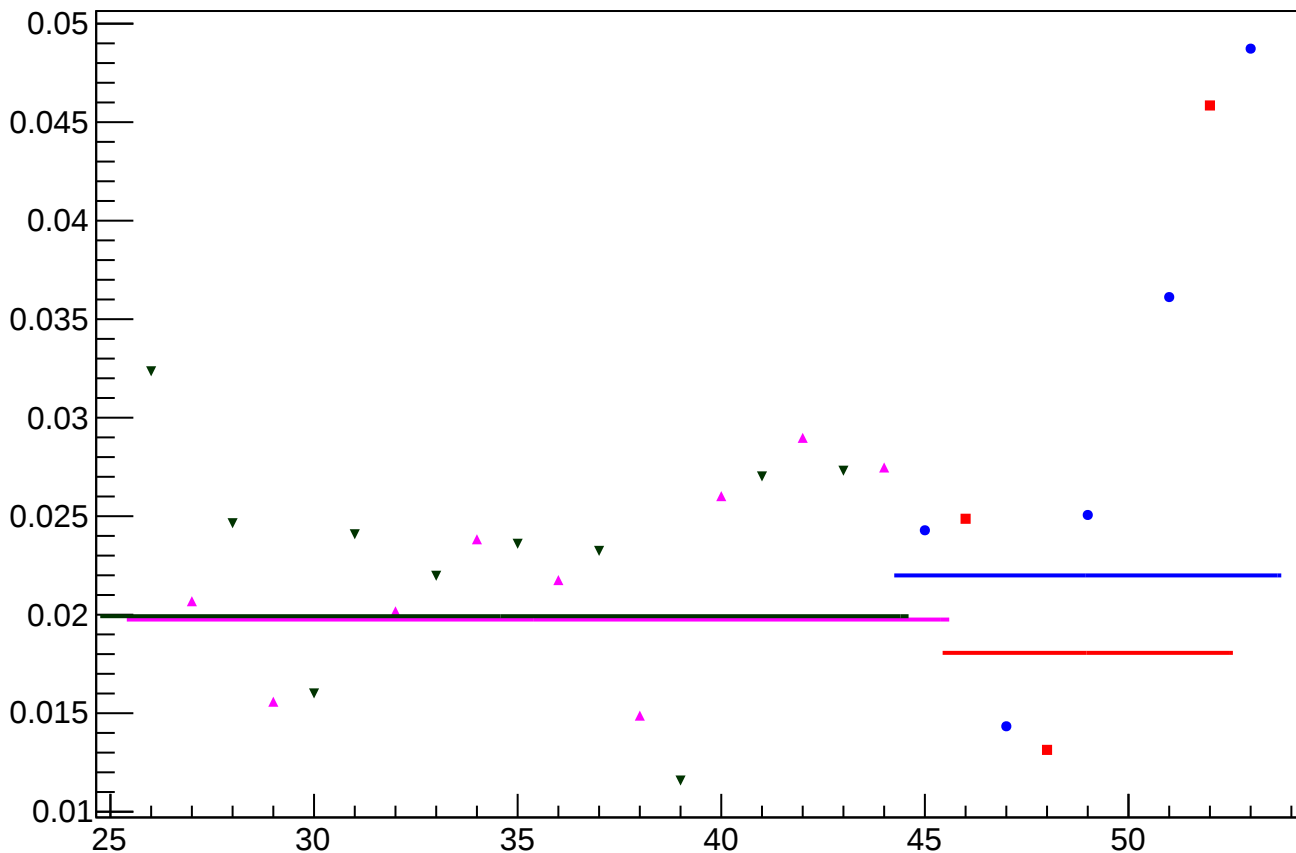
Right Out: 0.329+/-0.000 χ^2/NDF : 12775.8/2

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

0.318+/-0.000 χ^2/NDF : 5855835.6/14

0.312+/-0.000 χ^2/NDF : 8578926.6/11

yield_bpm4eX_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 715480.5/4

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

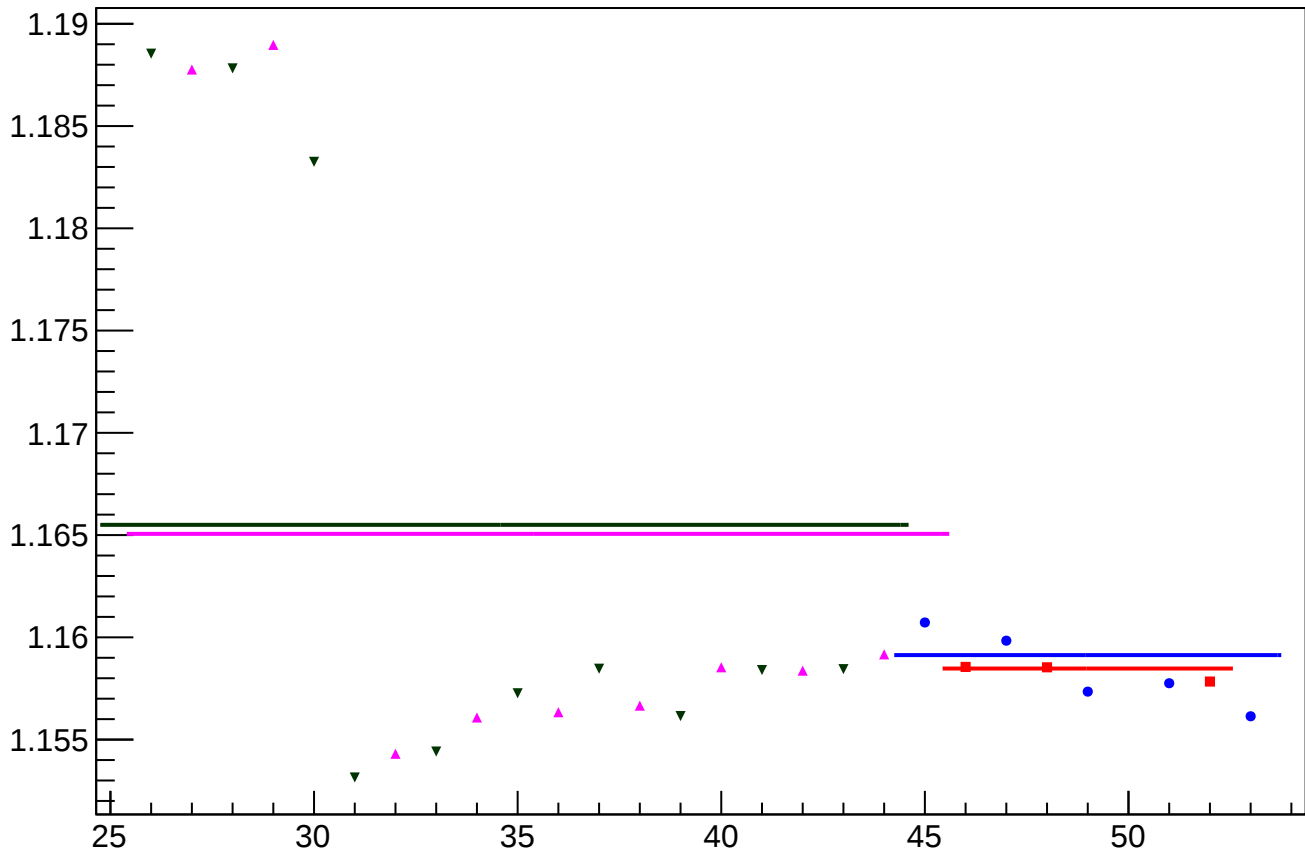
Right Out: 0.018+/-0.000 χ^2/NDF : 546852.6/2

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

0.021+/-0.000 χ^2/NDF : 1634065.0/14

0.019+/-0.000 χ^2/NDF : 1042424.0/11

yield_bpm4eY_mean vs slug



Right In: 1.159+/-0.000 χ^2/NDF : 45004.1/4

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

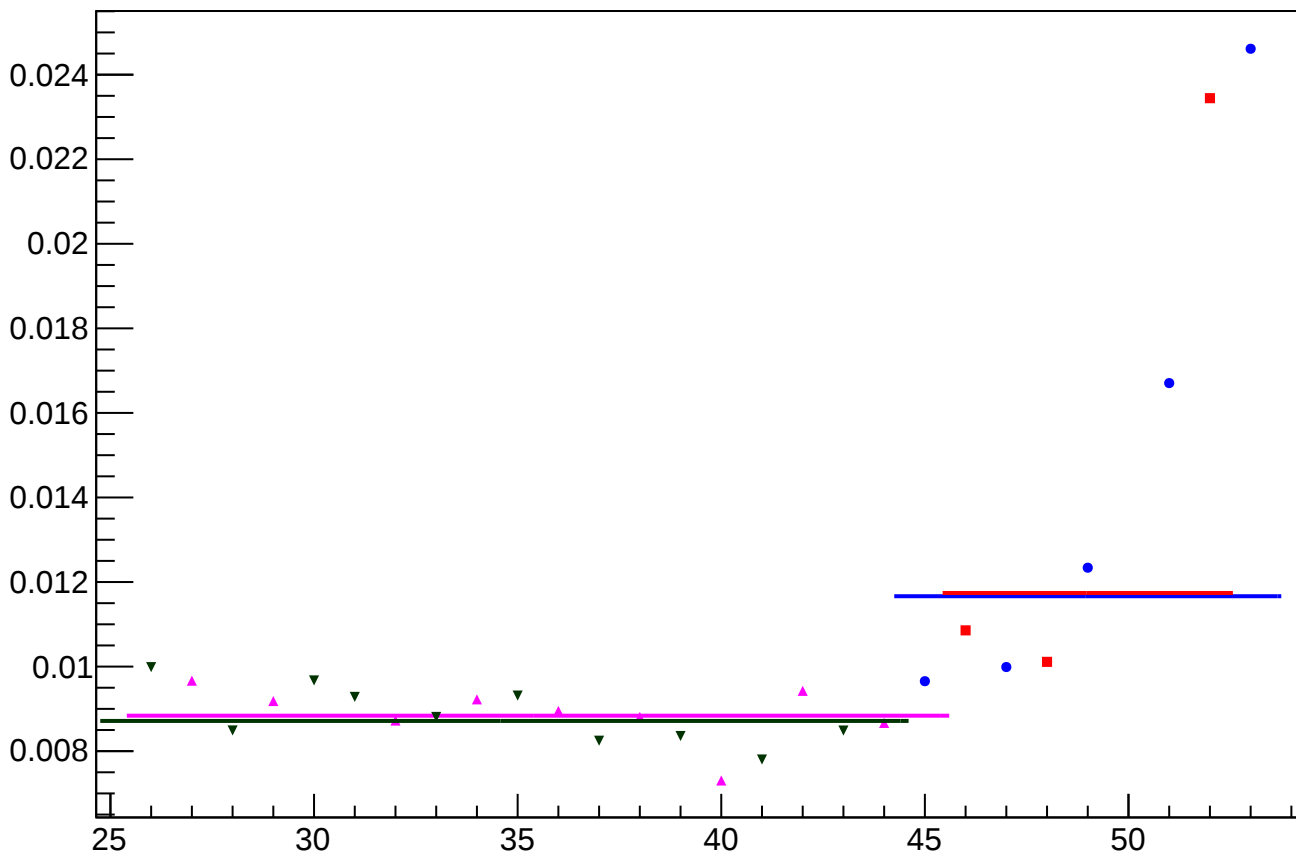
1.164+/-0.000 χ^2/NDF : 12682532.7/14

Right Out: 1.158+/-0.000 χ^2/NDF : 398.1/2

1.164+/-0.000 χ^2/NDF : 13698748.8/11

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

yield_bpm4eY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 416821.0/4

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

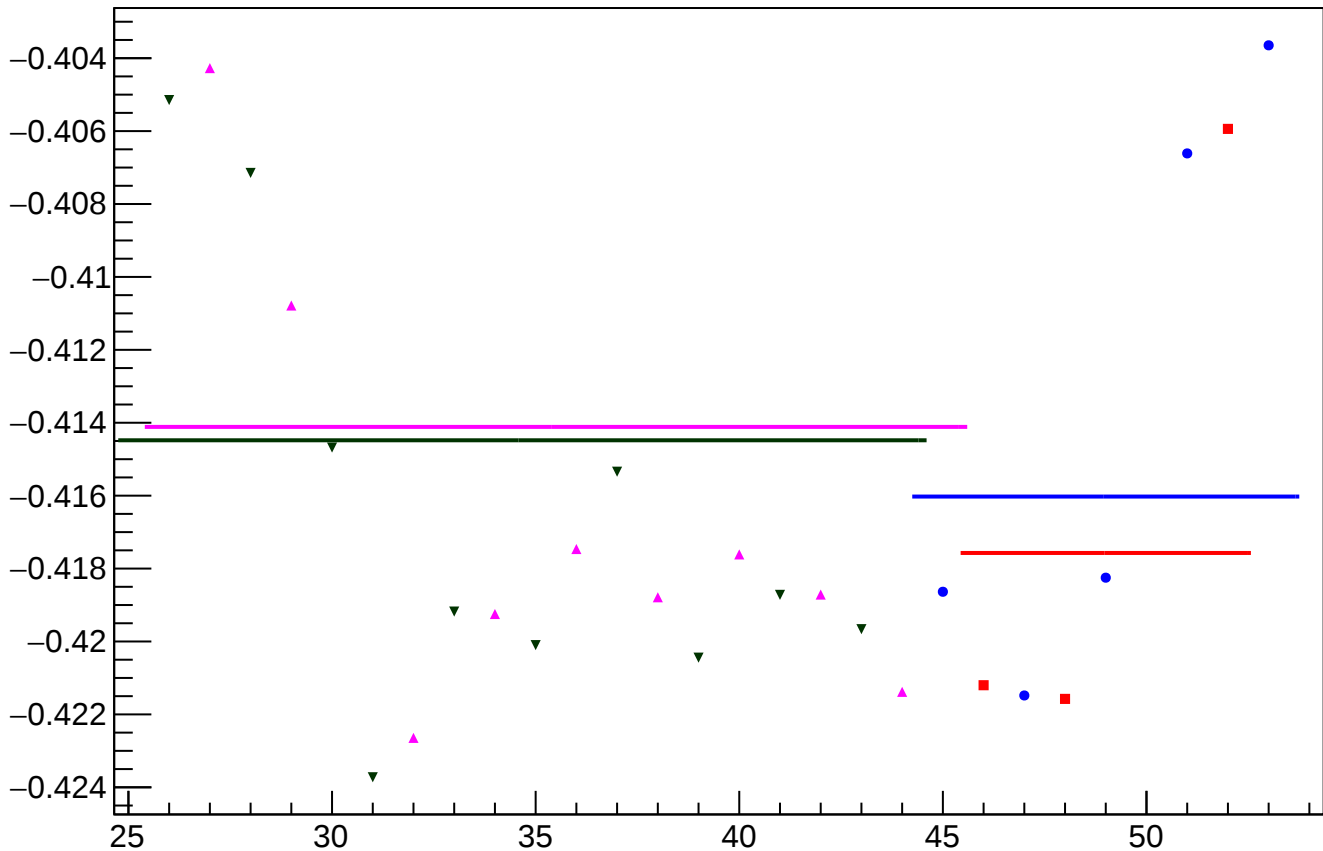
Right Out: 0.012+/-0.000 χ^2/NDF : 271003.4/2

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

0.009+/-0.000 χ^2/NDF : 725915.0/14

0.009+/-0.000 χ^2/NDF : 468952.4/11

yield_bpm4acX_mean vs slug



Right In: -0.416 ± 0.000 χ^2/NDF : 1081639.6/4

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

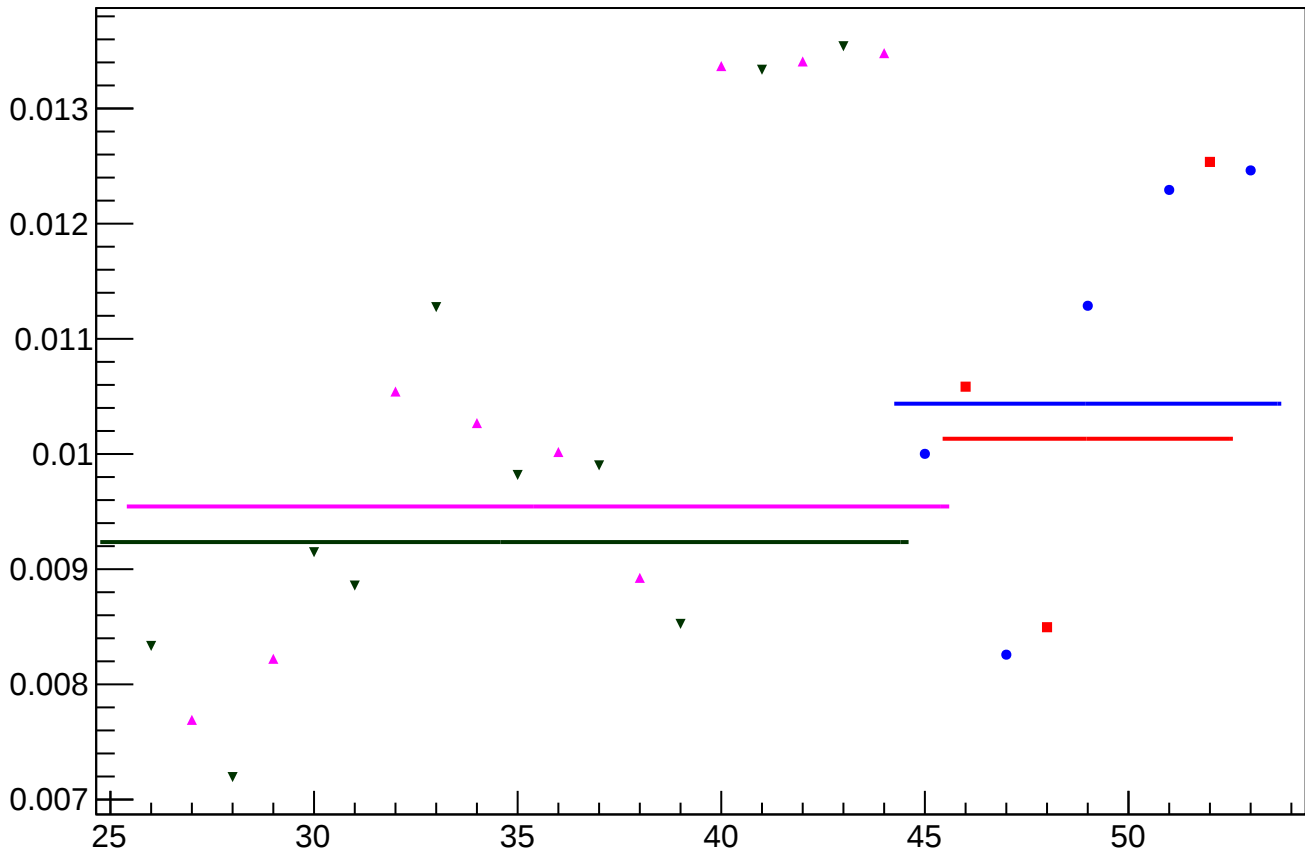
Right Out: -0.418 ± 0.000 χ^2/NDF : 599157.0/2

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

-0.415 ± 0.000 χ^2/NDF : 3448647.6/14

-0.415 ± 0.000 χ^2/NDF : 3381709.1/11

yield_bpm4acX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 131374.3/4

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

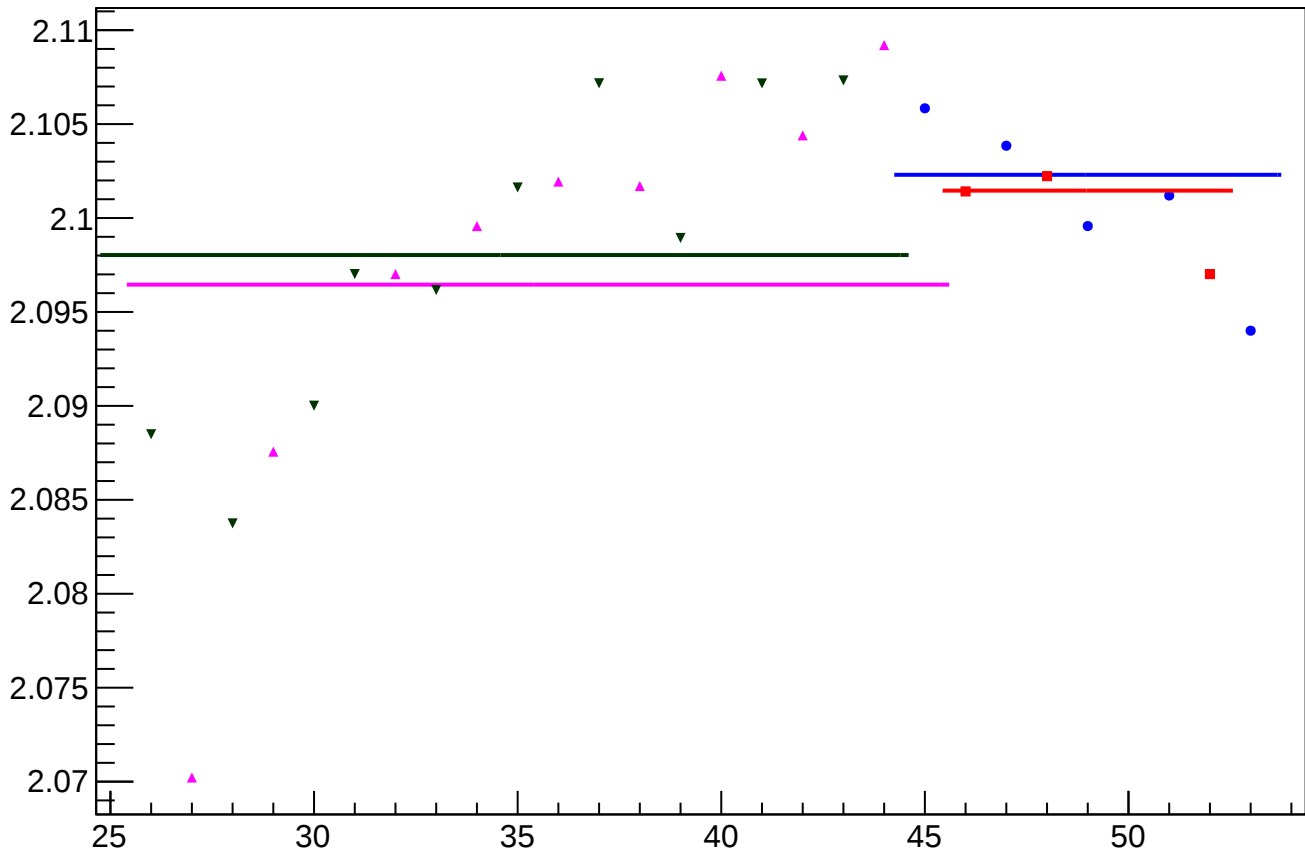
Right Out: 0.010+/-0.000 χ^2/NDF : 72192.8/2

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

0.010+/-0.000 χ^2/NDF : 562439.0/14

0.010+/-0.000 χ^2/NDF : 500685.9/11

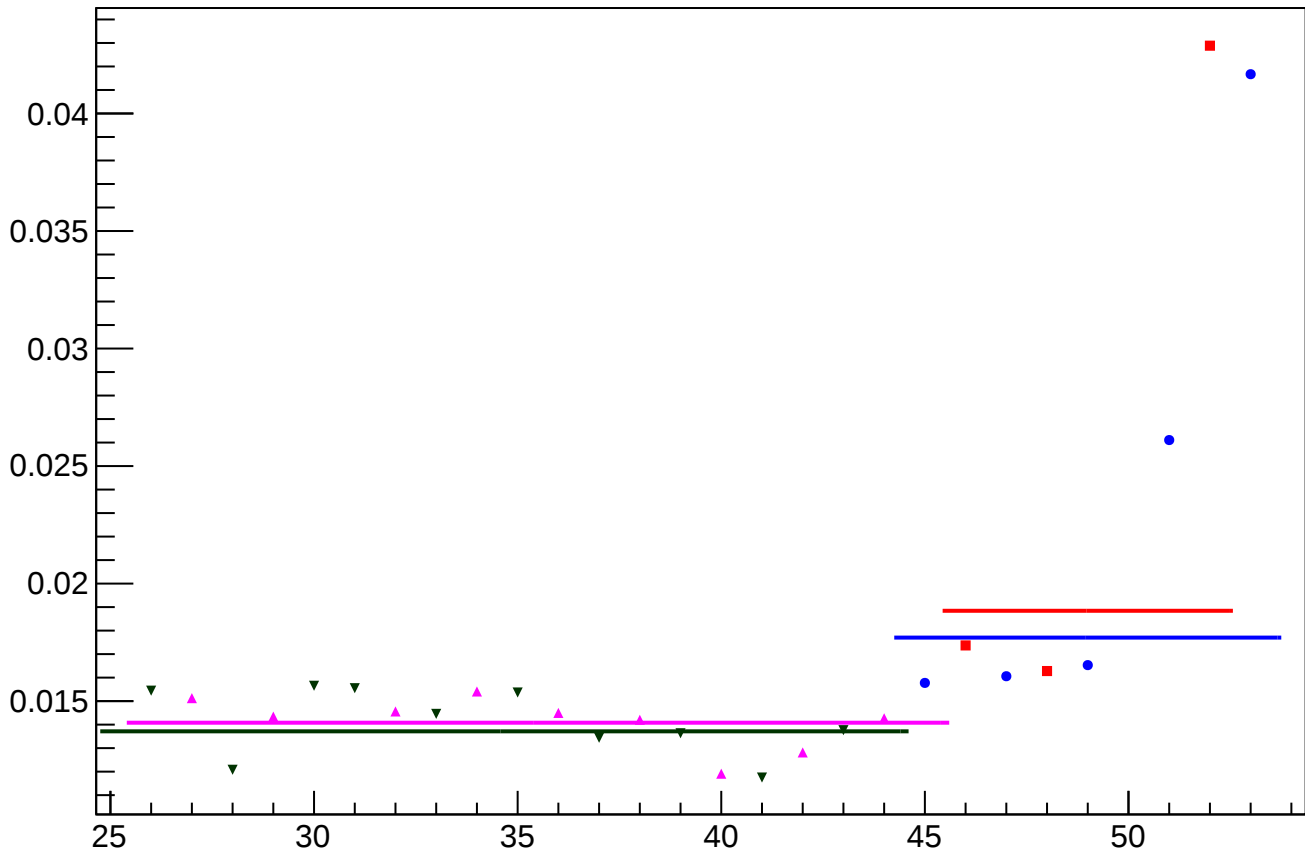
yield_bpm4acY_mean vs slug



Right In: 2.102 $\pm$ 0.000 χ^2 /NDF: 77059.0/4
 Left Out: 2.098 $\pm$ 0.000 χ^2 /NDF:1989190.8/9
 Right Out: 2.101 $\pm$ 0.000 χ^2 /NDF: 6182.7/2
 Left In: 2.096 $\pm$ 0.000 χ^2 /NDF:3989522.6/8

2.099 $\pm$ 0.000 χ^2 /NDF: 2181721.2/14
 2.097 $\pm$ 0.000 χ^2 /NDF: 4071421.4/11

yield_bpm4acY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 427454.2/4

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

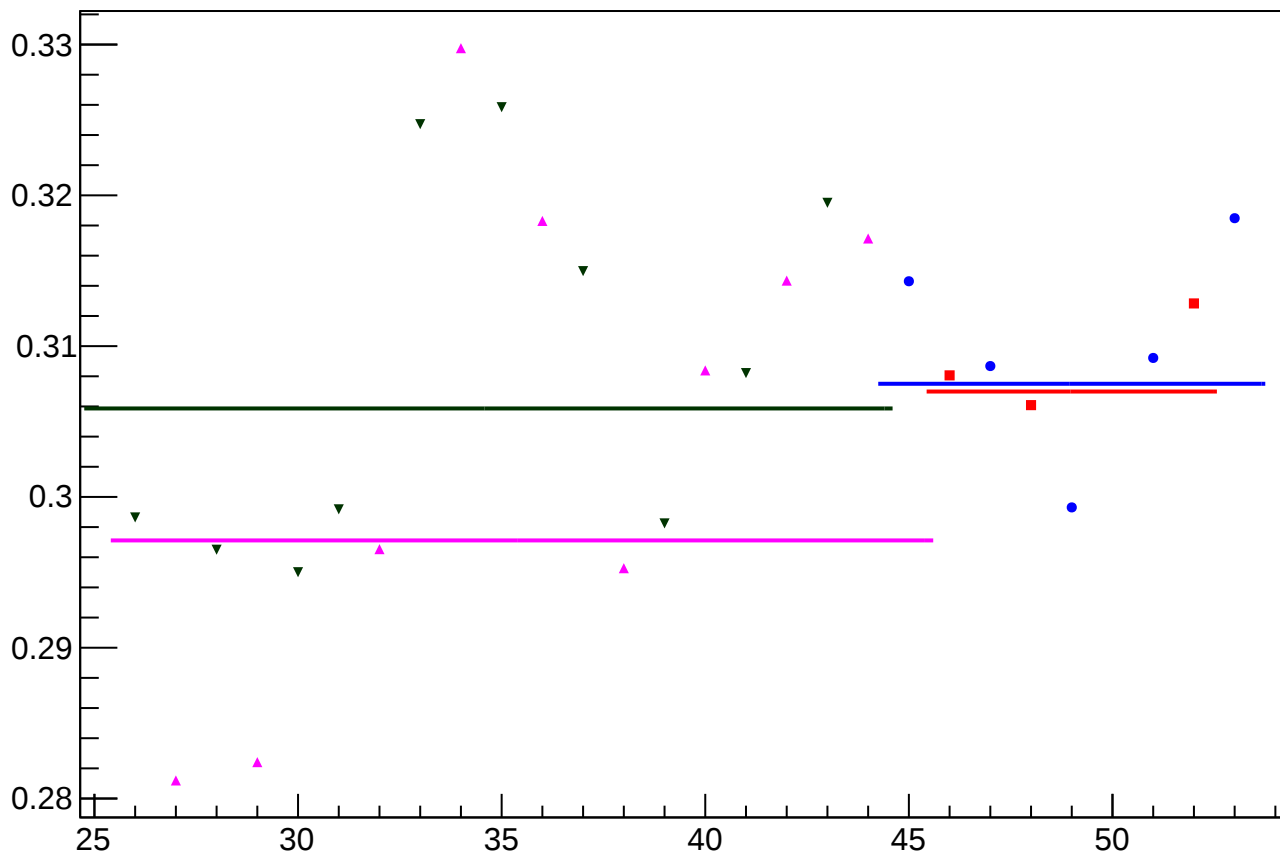
0.015+/-0.000 χ^2/NDF : 734681.6/14

Right Out: 0.019+/-0.000 χ^2/NDF : 333794.0/2

0.015+/-0.000 χ^2/NDF : 531599.0/11

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

yield_bpm4ecX_mean vs slug



Right In: 0.308 $\pm$ 0.000 χ^2 /NDF: 178147.0/4

Left Out: 0.306 $\pm$ 0.000 χ^2 /NDF:1442244.8/9

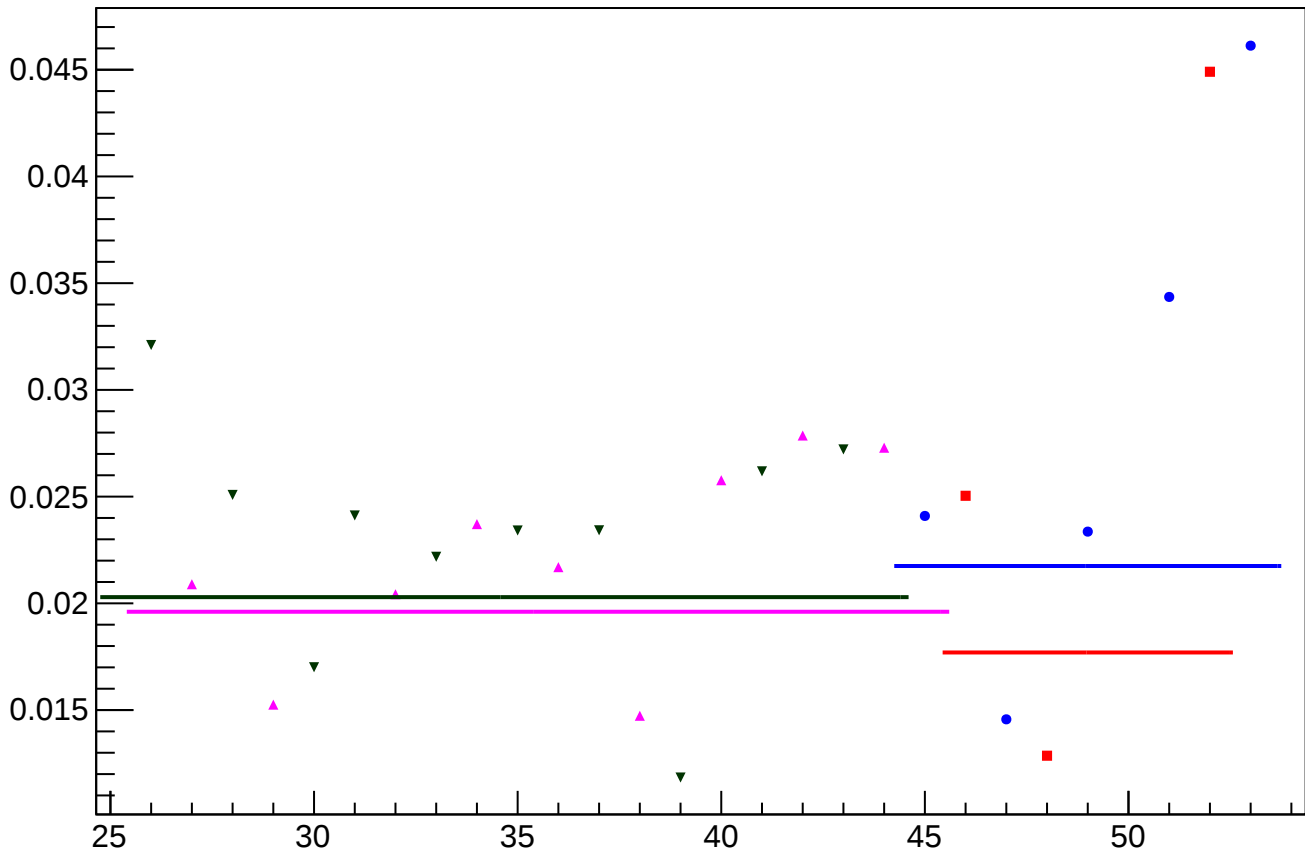
Right Out: 0.307 $\pm$ 0.000 χ^2 /NDF: 11335.8/2

Left In: 0.297 $\pm$ 0.000 χ^2 /NDF:3115061.2/8

0.306 $\pm$ 0.000 χ^2 /NDF: 1629852.3/14

0.299 $\pm$ 0.000 χ^2 /NDF: 3384531.7/11

yield_bpm4ecX_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 625928.5/4

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

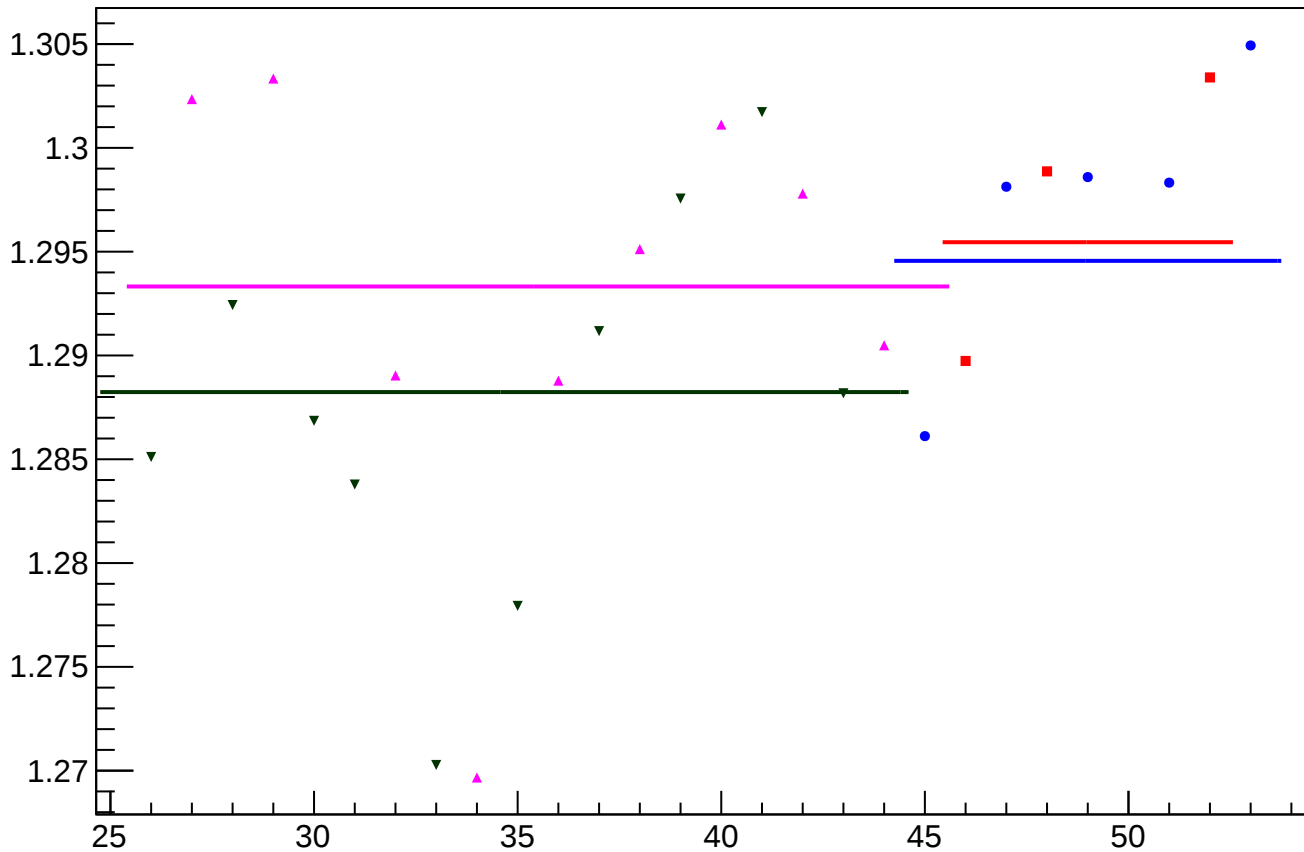
Right Out: 0.018+/-0.000 χ^2/NDF : 557487.7/2

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

0.021+/-0.000 χ^2/NDF : 1450688.6/14

0.019+/-0.000 χ^2/NDF : 1069123.8/11

yield_bpm4ecY_mean vs slug



Right In: 1.295+/-0.000 χ^2/NDF : 590278.4/4

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

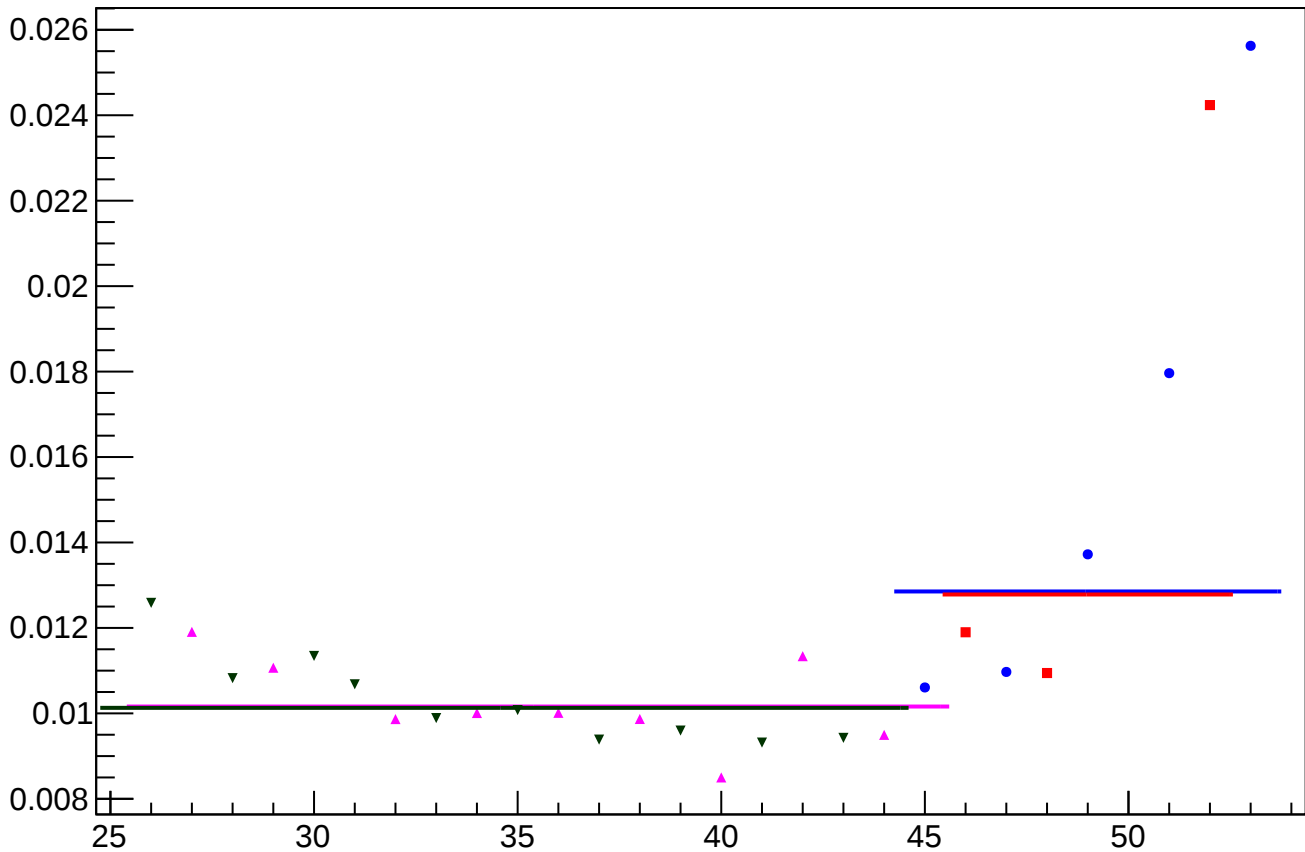
1.290+/-0.000 χ^2/NDF : 5039278.7/14

Right Out: 1.295+/-0.000 χ^2/NDF : 201065.0/2

1.294+/-0.000 χ^2/NDF : 4916012.8/11

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

yield_bpm4ecY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 388227.4/4

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

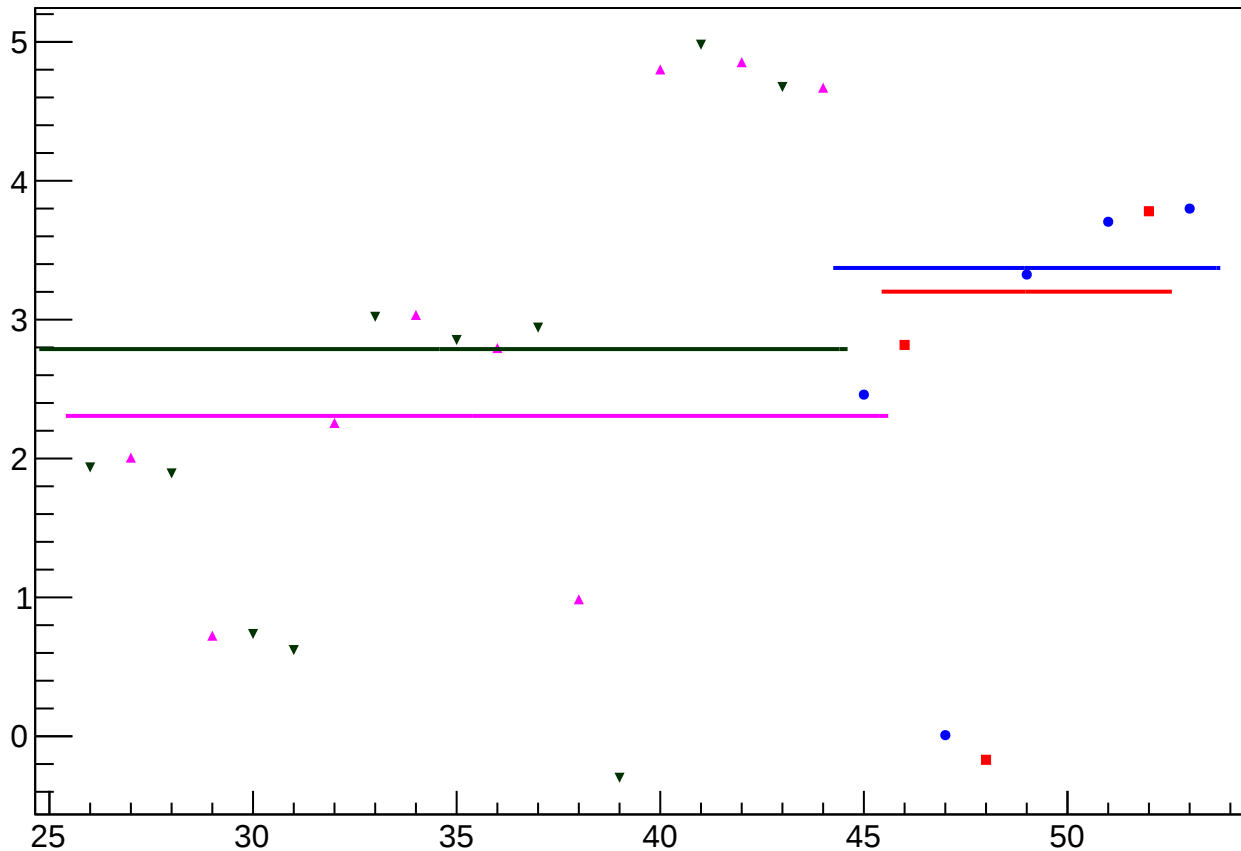
Right Out: 0.013+/-0.000 χ^2/NDF : 246351.6/2

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

0.011+/-0.000 χ^2/NDF : 642276.9/14

0.010+/-0.000 χ^2/NDF : 438990.4/11

yield_bpm1X_mean vs slug



Right In: 3.372 $\pm$ 0.000 χ^2 /NDF: 305005537.8/4

Left Out: 2.788 $\pm$ 0.000 χ^2 /NDF: 939335767.4/9

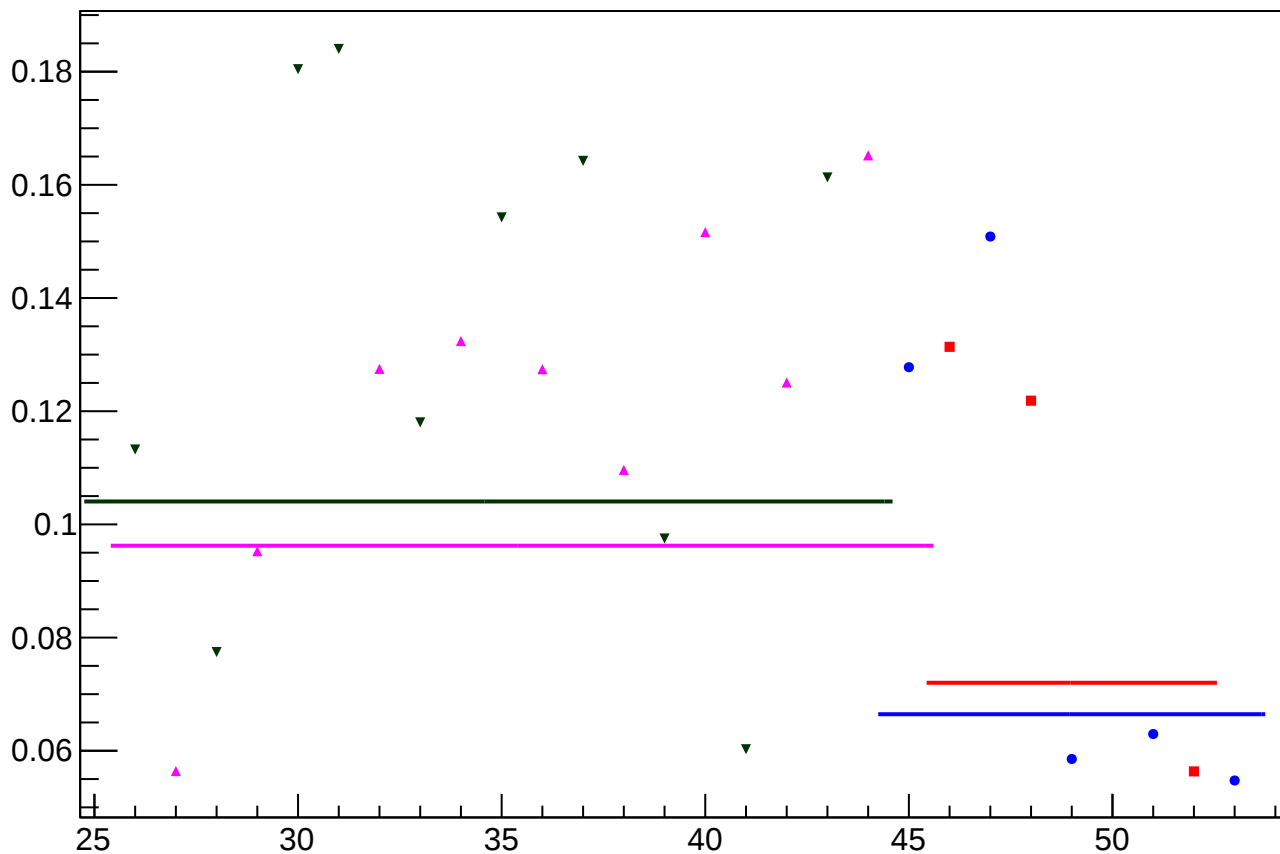
Right Out: 3.202 $\pm$ 0.000 χ^2 /NDF: 334186529.3/2

Left In: 2.307 $\pm$ 0.000 χ^2 /NDF: 636943051.6/8

3.144 $\pm$ 0.000 χ^2 /NDF: 1310641704.9/14

2.599 $\pm$ 0.000 χ^2 /NDF: 1079863695.8/11

yield_bpm1X_rms vs slug



Right In: 0.066+/-0.000 χ^2/NDF : 595180.4/4

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

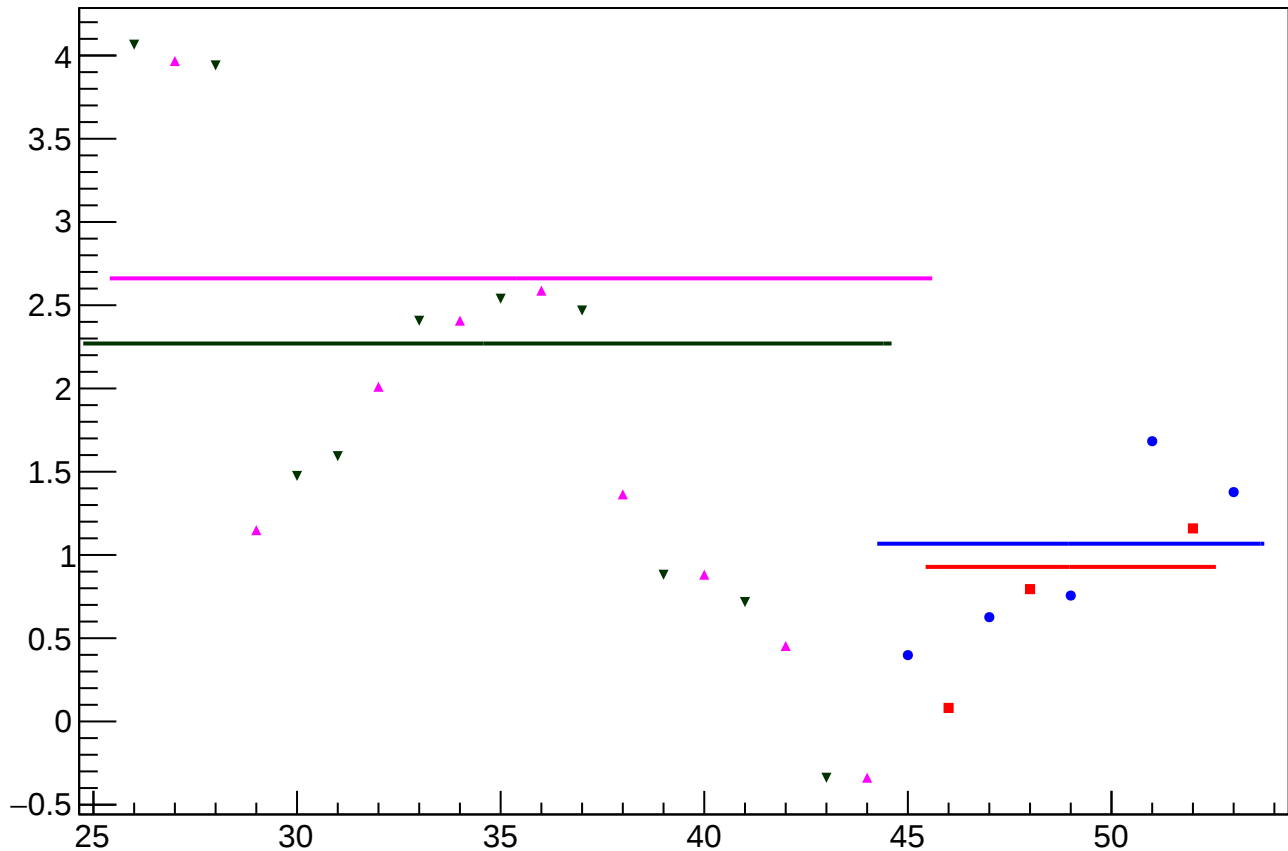
Right Out: 0.072+/-0.000 χ^2/NDF : 344586.5/2

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

0.081+/-0.000 χ^2/NDF : 2224787.3/14

0.088+/-0.000 χ^2/NDF : 1568082.1/11

yield_bpm1Y_mean vs slug



Right In: 1.068 ± 0.000 χ^2/NDF : 147292689.4/4

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

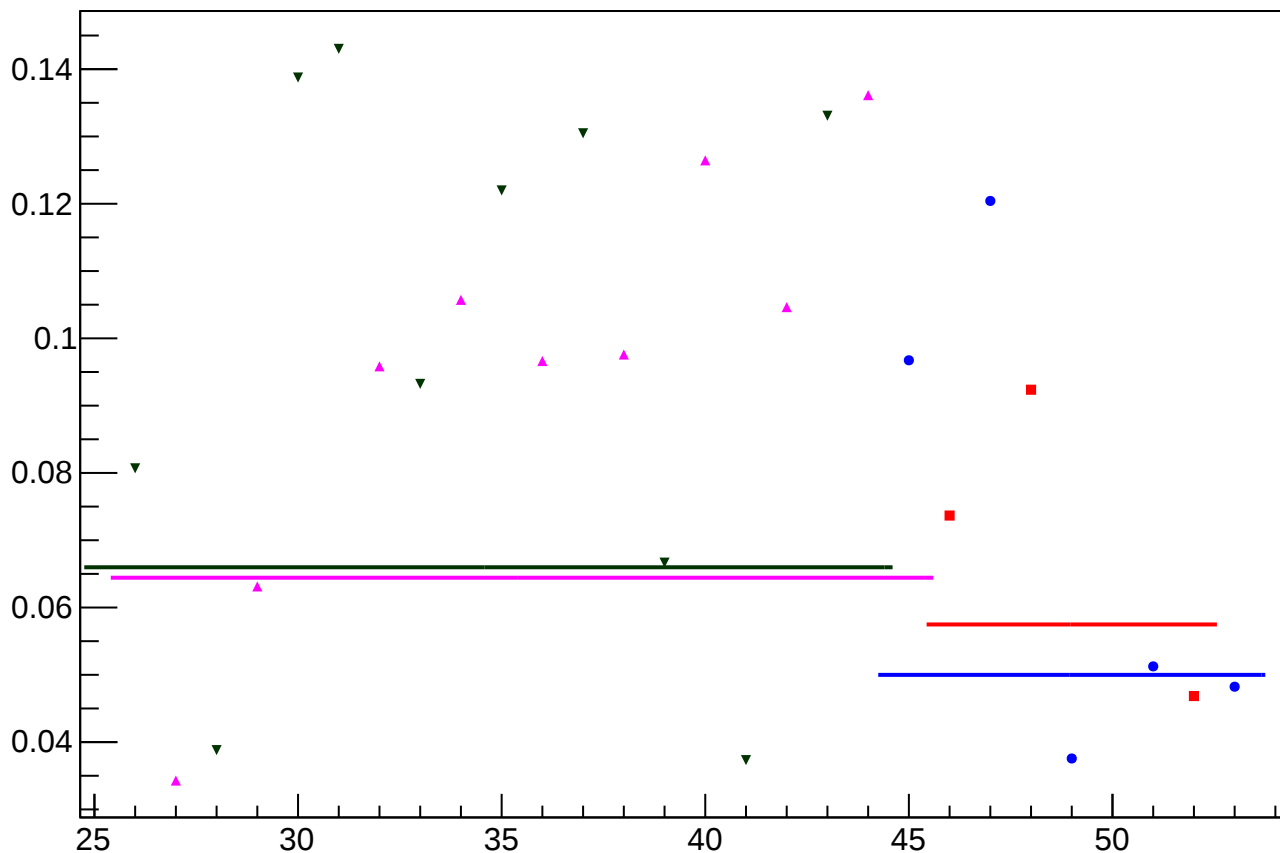
Right Out: 0.928 ± 0.000 χ^2/NDF : 50073899.9/2

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

1.604 ± 0.000 χ^2/NDF : 2139155374.0/14

2.181 ± 0.000 χ^2/NDF : 2303030628.4/11

yield_bpm1Y_rms vs slug



Right In: 0.050 ± 0.000 χ^2/NDF : 668168.2/4

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

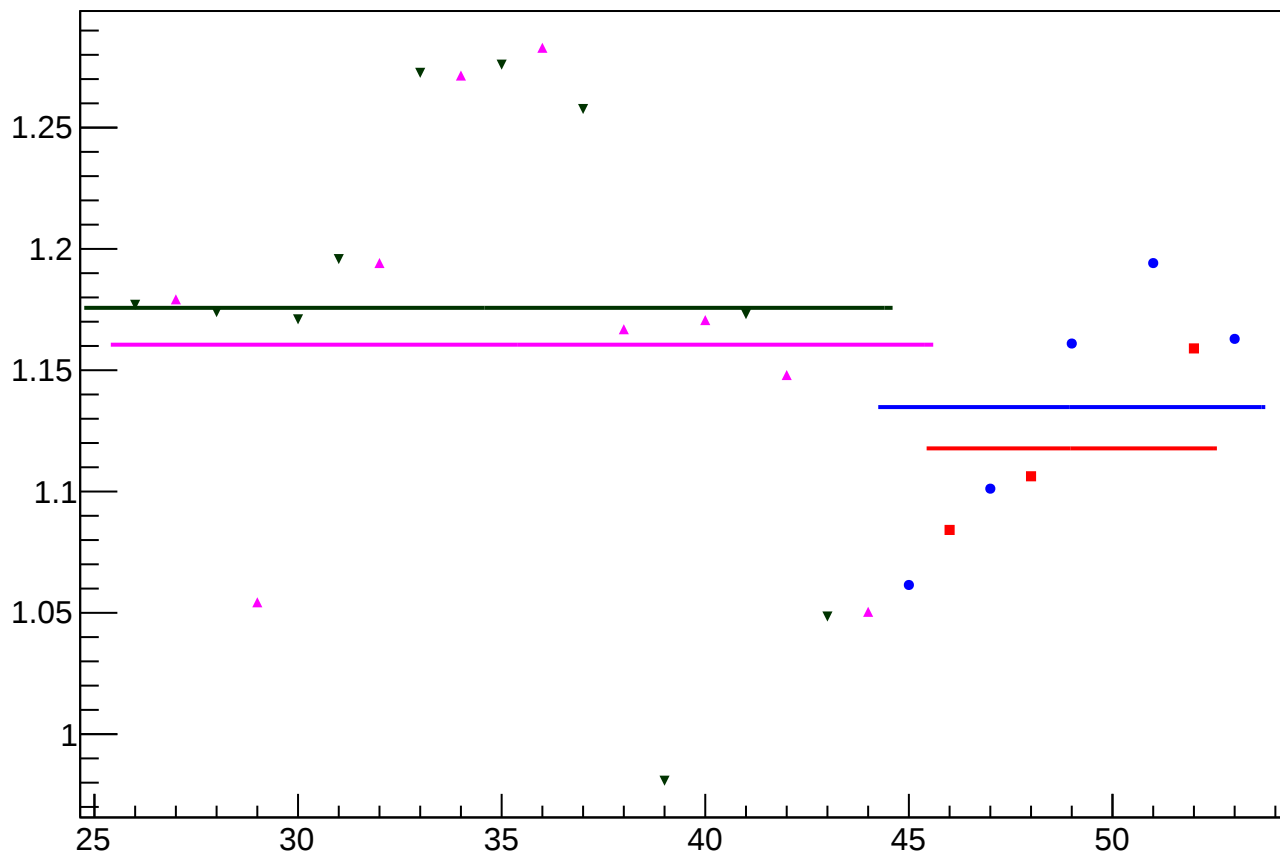
Right Out: 0.057 ± 0.000 χ^2/NDF : 178035.4/2

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

0.057 ± 0.000 χ^2/NDF : 2648051.2/14

0.063 ± 0.000 χ^2/NDF : 2002872.3/11

yield_bpm11X_mean vs slug



Right In: 1.135 ± 0.000 χ^2/NDF : 10331334.7/4

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

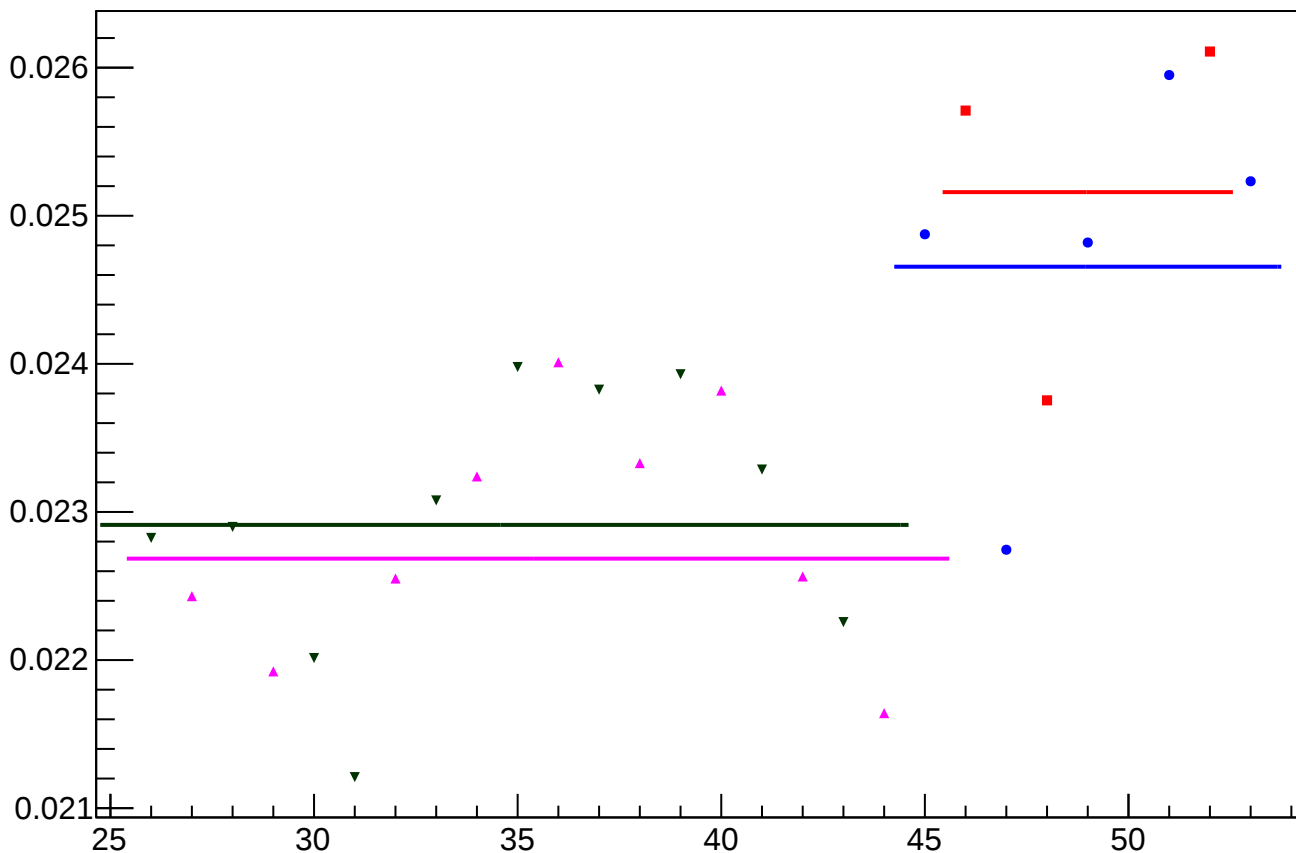
Right Out: 1.118 ± 0.000 χ^2/NDF : 2077986.7/2

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

1.162 ± 0.000 χ^2/NDF : 82654910.7/14

1.153 ± 0.000 χ^2/NDF : 63328041.0/11

yield_bpm11X_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 9997.8/4

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

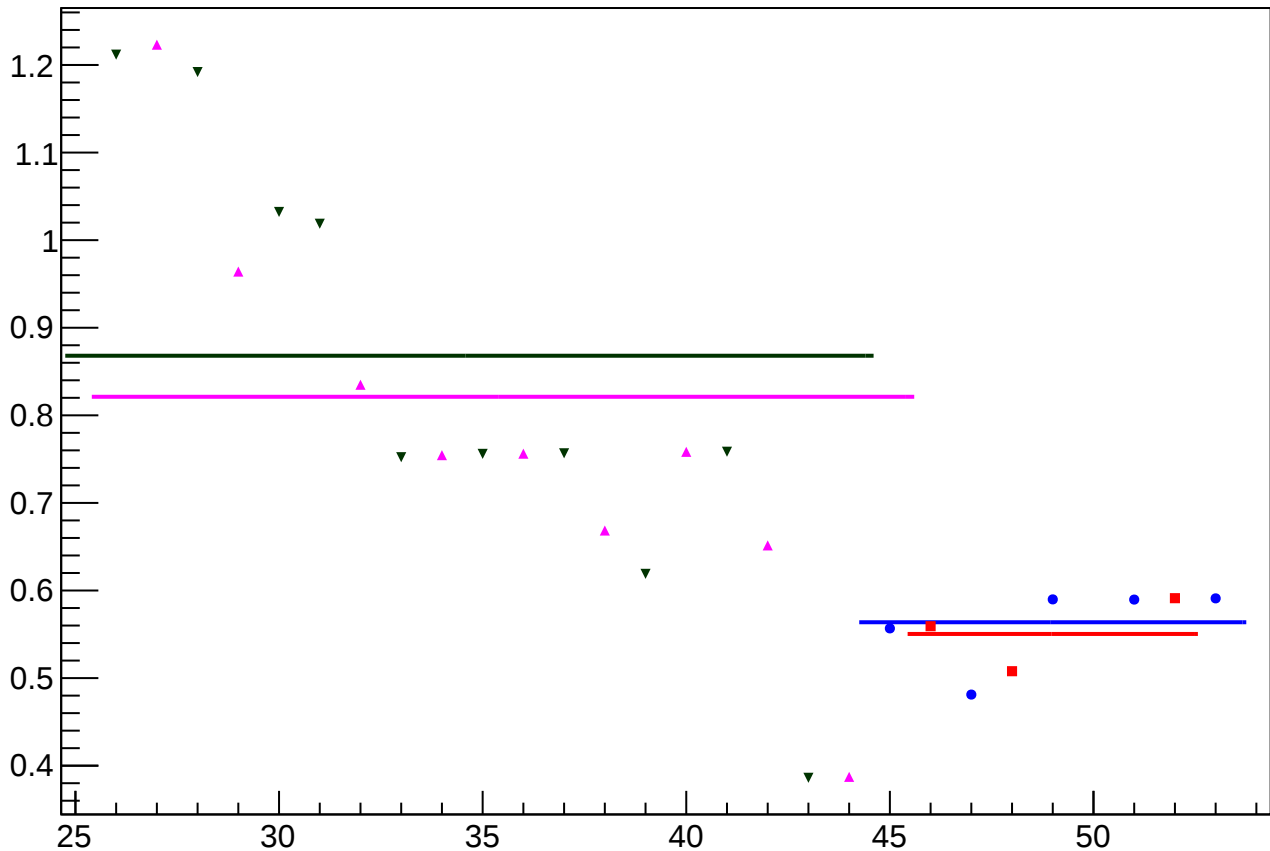
Right Out: 0.025+/-0.000 χ^2/NDF : 4681.3/2

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

0.023+/-0.000 χ^2/NDF : 42084.9/14

0.023+/-0.000 χ^2/NDF : 37359.7/11

yield_bpm11Y_mean vs slug



Right In: 0.564+/-0.000 χ^2/NDF : 228512327.8/4

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

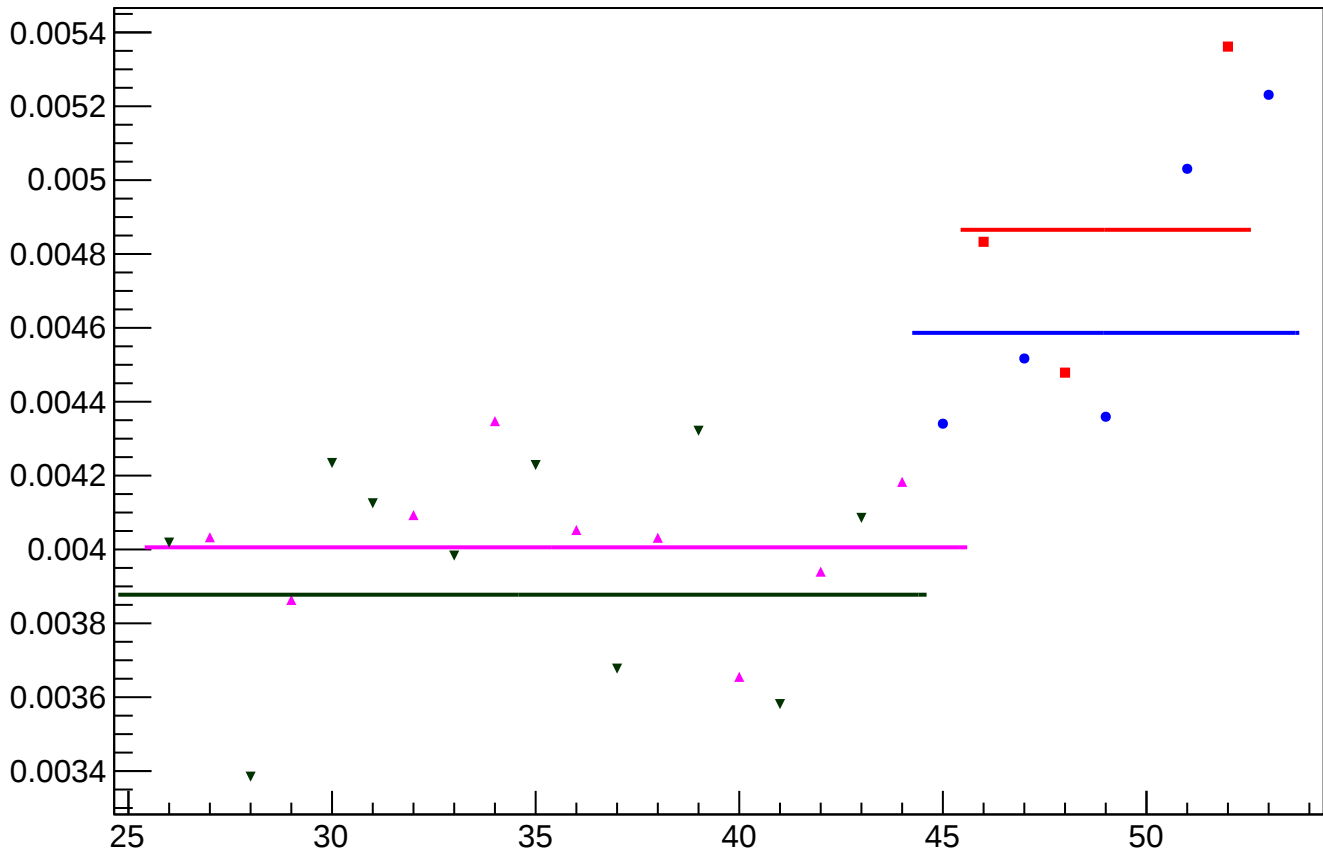
0.775+/-0.000 χ^2/NDF : 29493770022.4/14

Right Out: 0.550+/-0.000 χ^2/NDF : 71534309.8/2

0.780+/-0.000 χ^2/NDF : 20761463169.6/11

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

yield_bpm11Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 31926.1/4

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

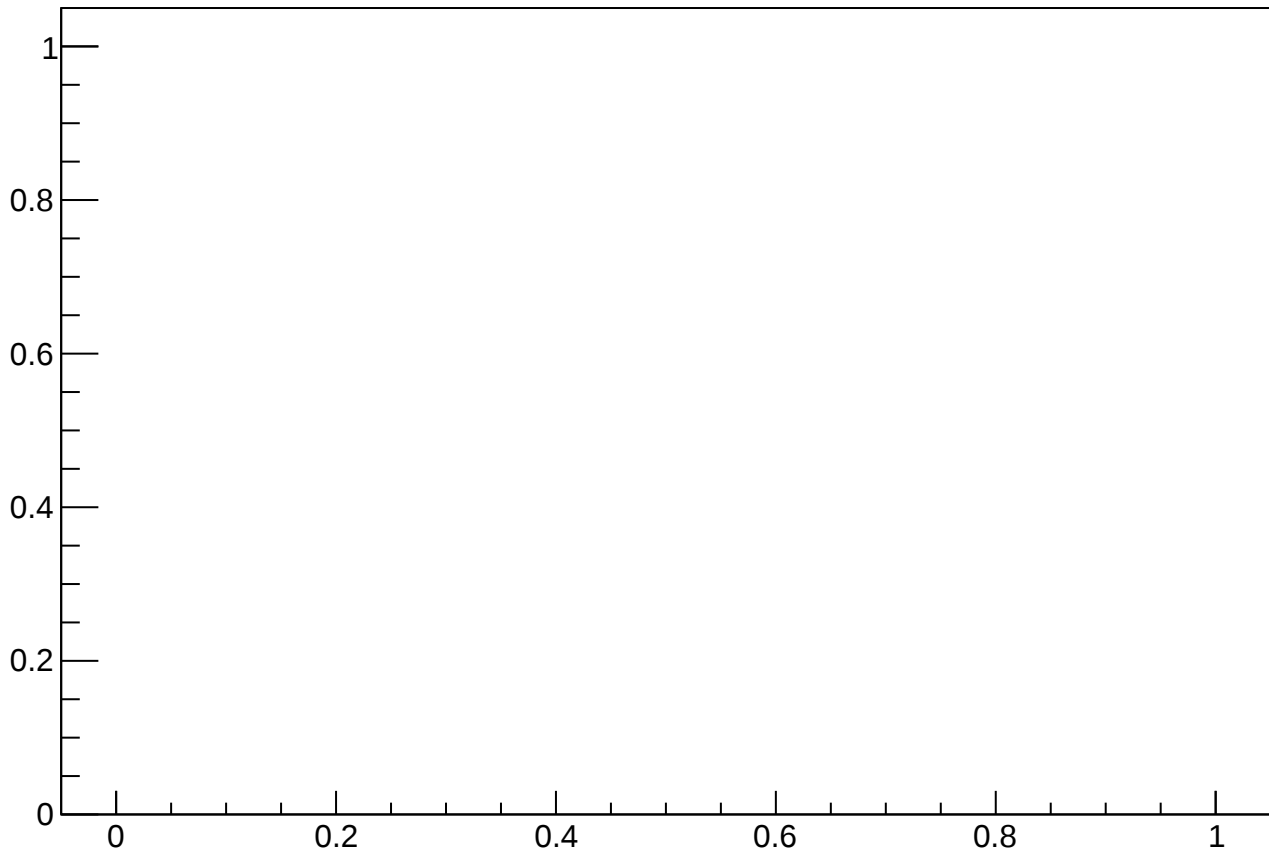
0.004+/-0.000 χ^2/NDF : 196671.8/14

Right Out: 0.005+/-0.000 χ^2/NDF : 15572.1/2

0.004+/-0.000 χ^2/NDF : 111738.1/11

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

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

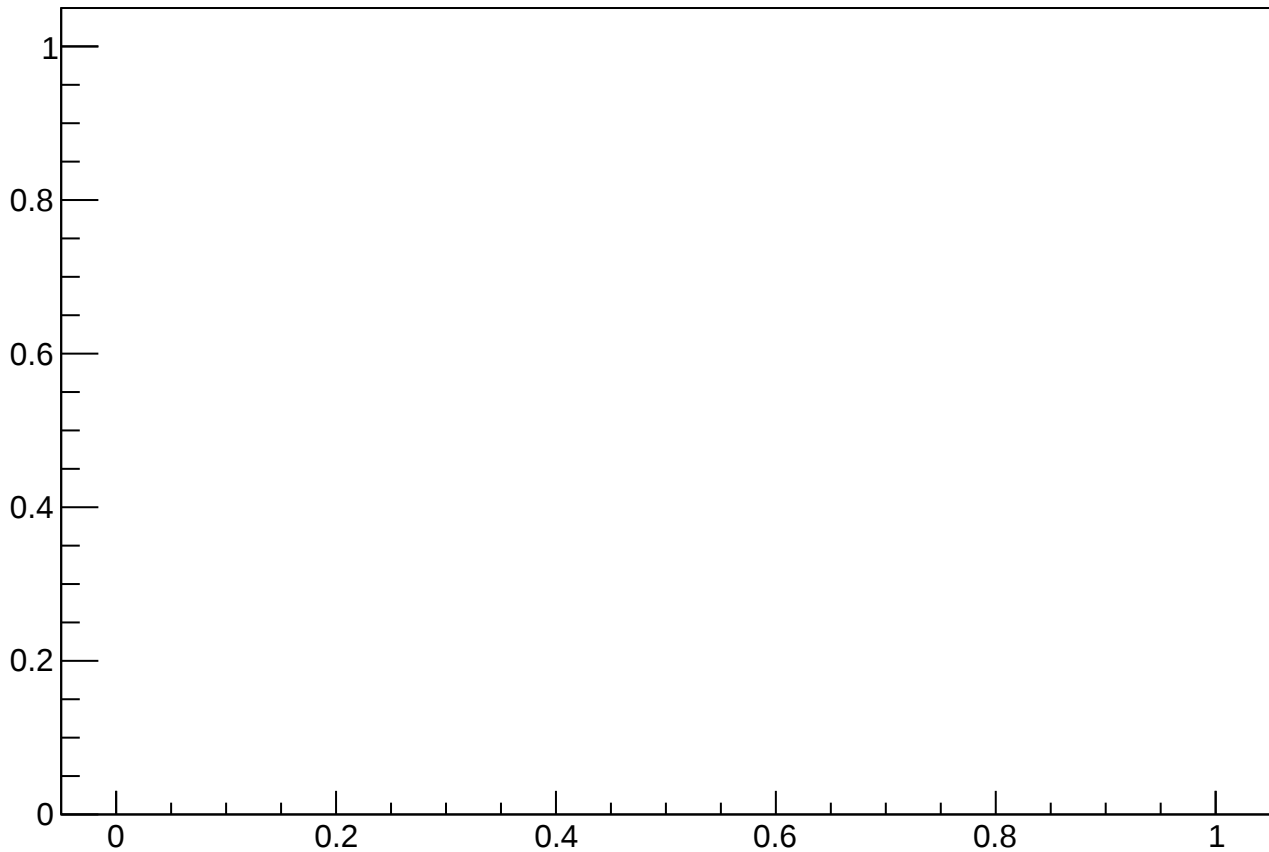
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

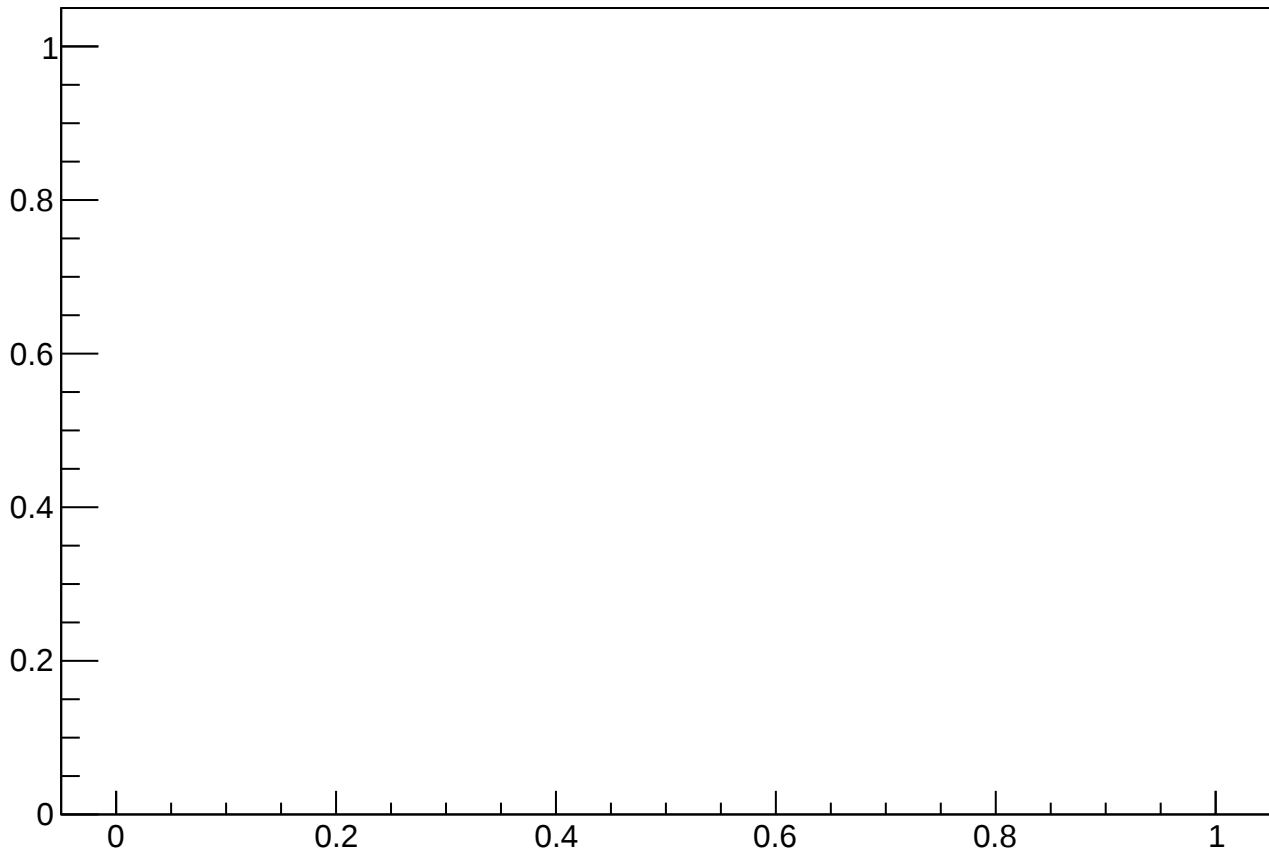
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

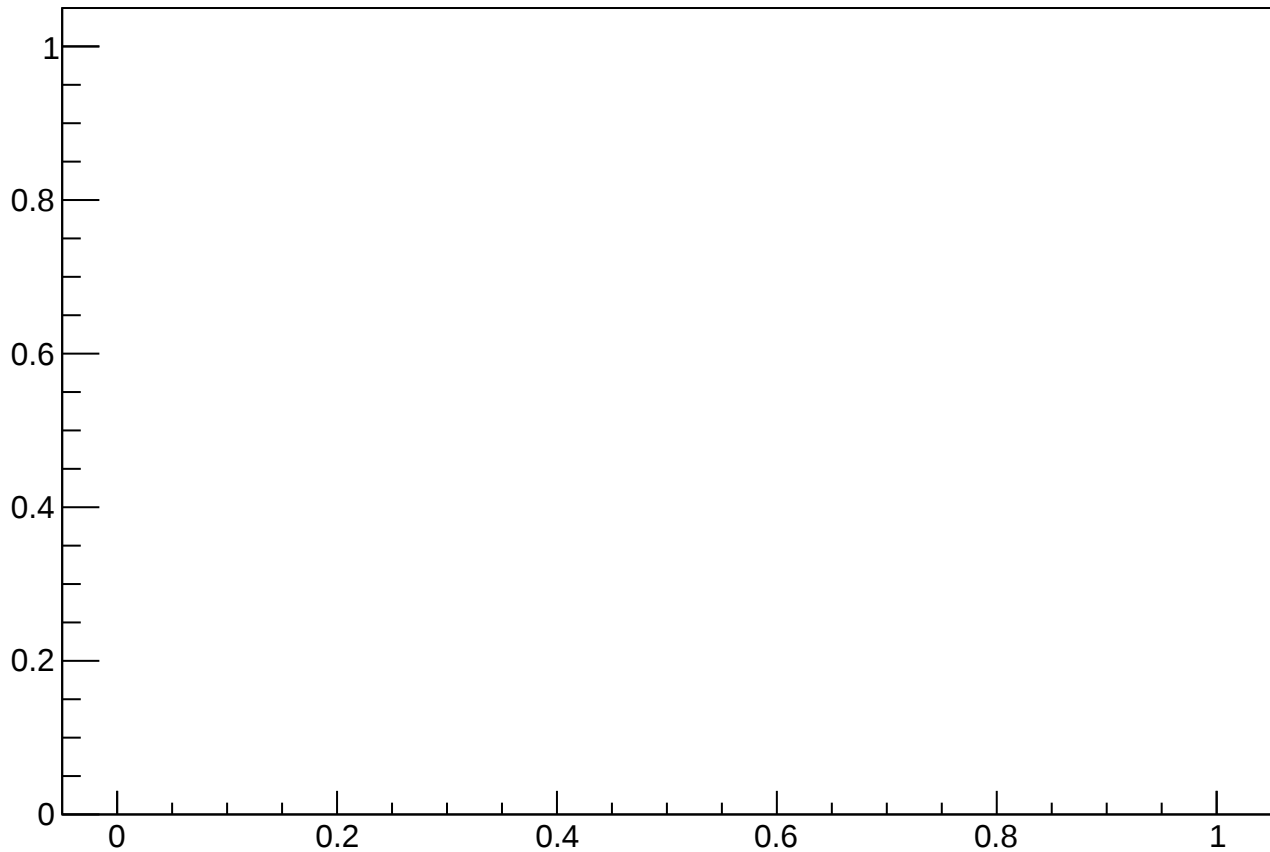
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

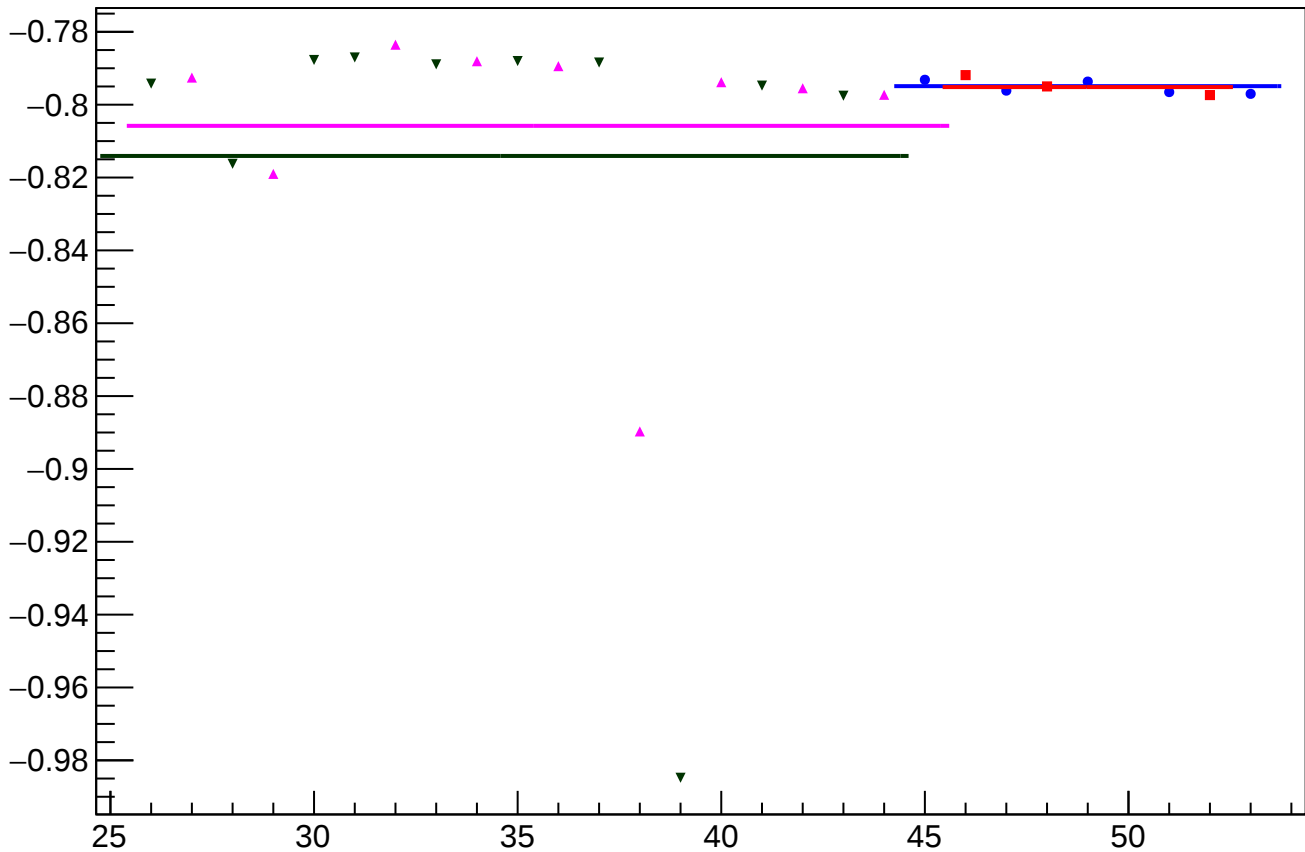
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 126099.9/4

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

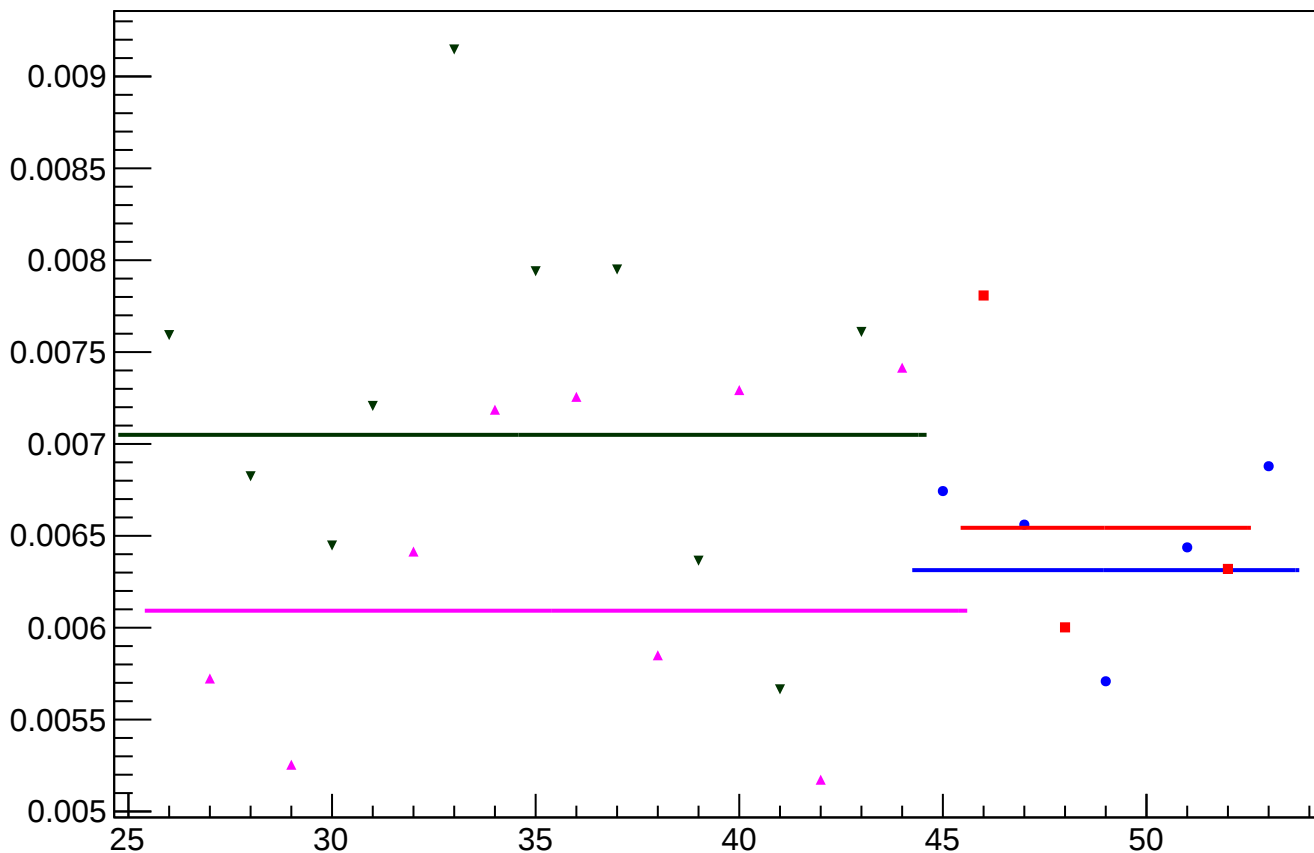
Right Out: -0.795 ± 0.000 χ^2/NDF : 101372.3/2

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

-0.806 ± 0.000 χ^2/NDF : 268036865.6/14

-0.804 ± 0.000 χ^2/NDF : 97685954.5/11

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 23372.6/4

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

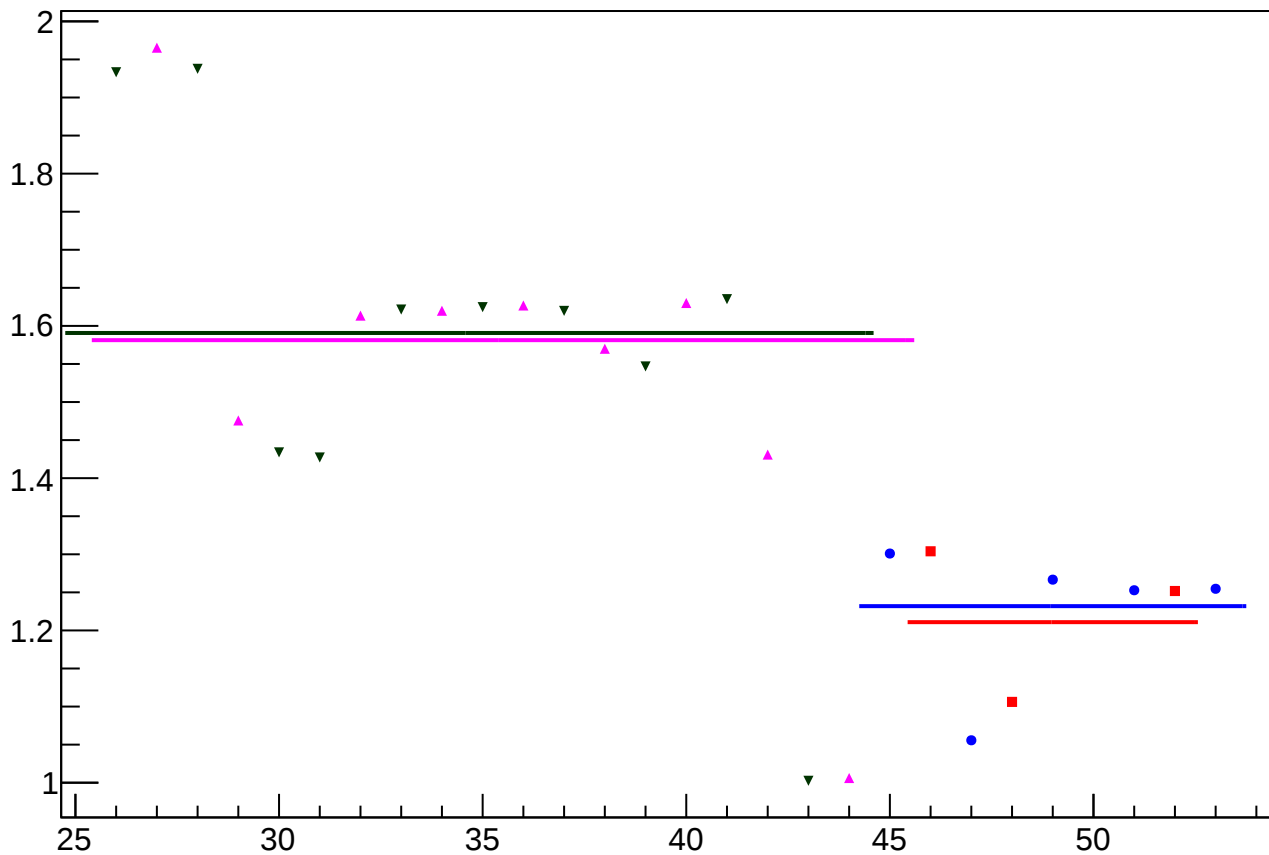
Right Out: 0.007+/-0.000 χ^2/NDF : 23444.9/2

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

0.007+/-0.000 χ^2/NDF : 192905.7/14

0.006+/-0.000 χ^2/NDF : 174011.5/11

yield_bpm12Y_mean vs slug



Right In: 1.232+/-0.000 χ^2/NDF : 432061745.4/4

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

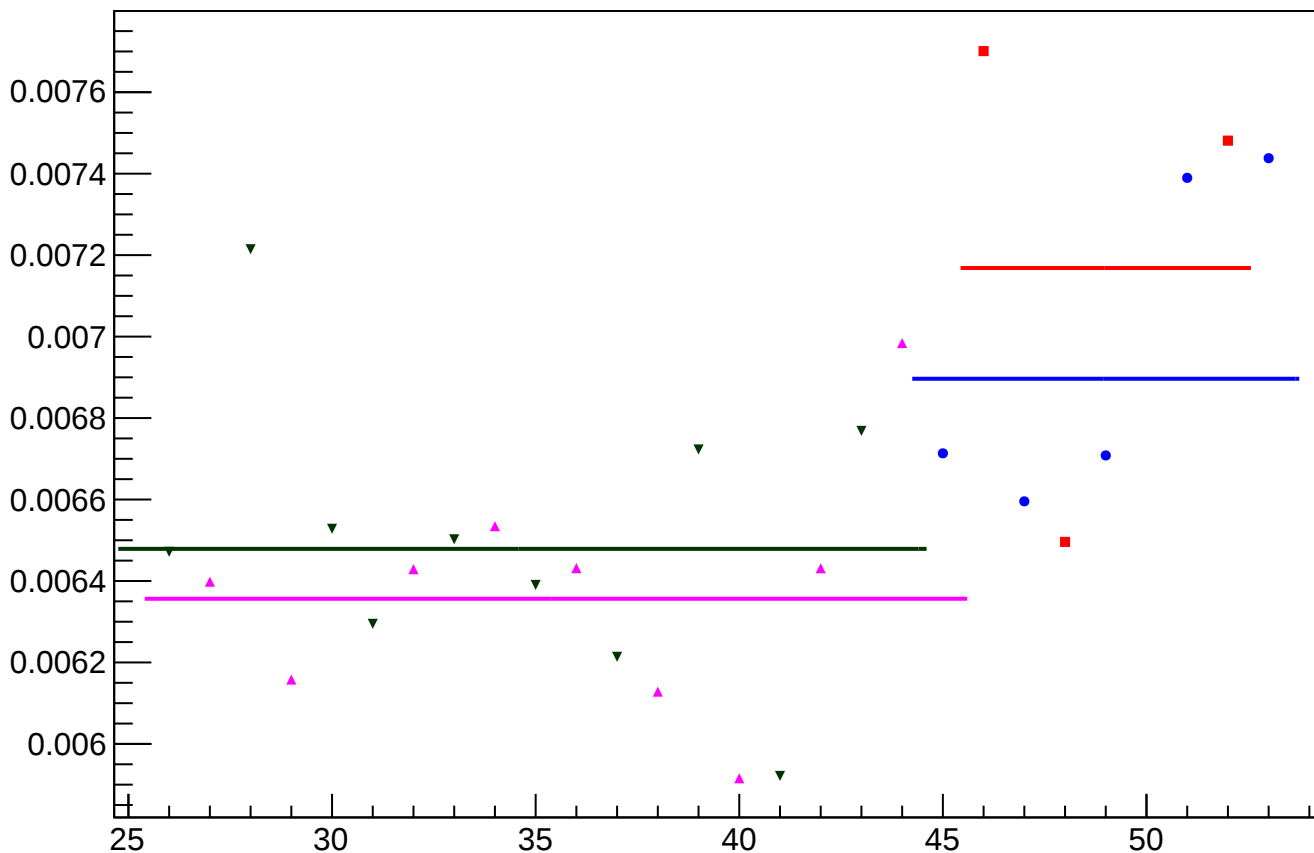
Right Out: 1.211+/-0.000 χ^2/NDF : 184661561.1/2

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

1.466+/-0.000 χ^2/NDF : 12424549930.3/14

1.518+/-0.000 χ^2/NDF : 9913168139.1/11

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 13741.5/4

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

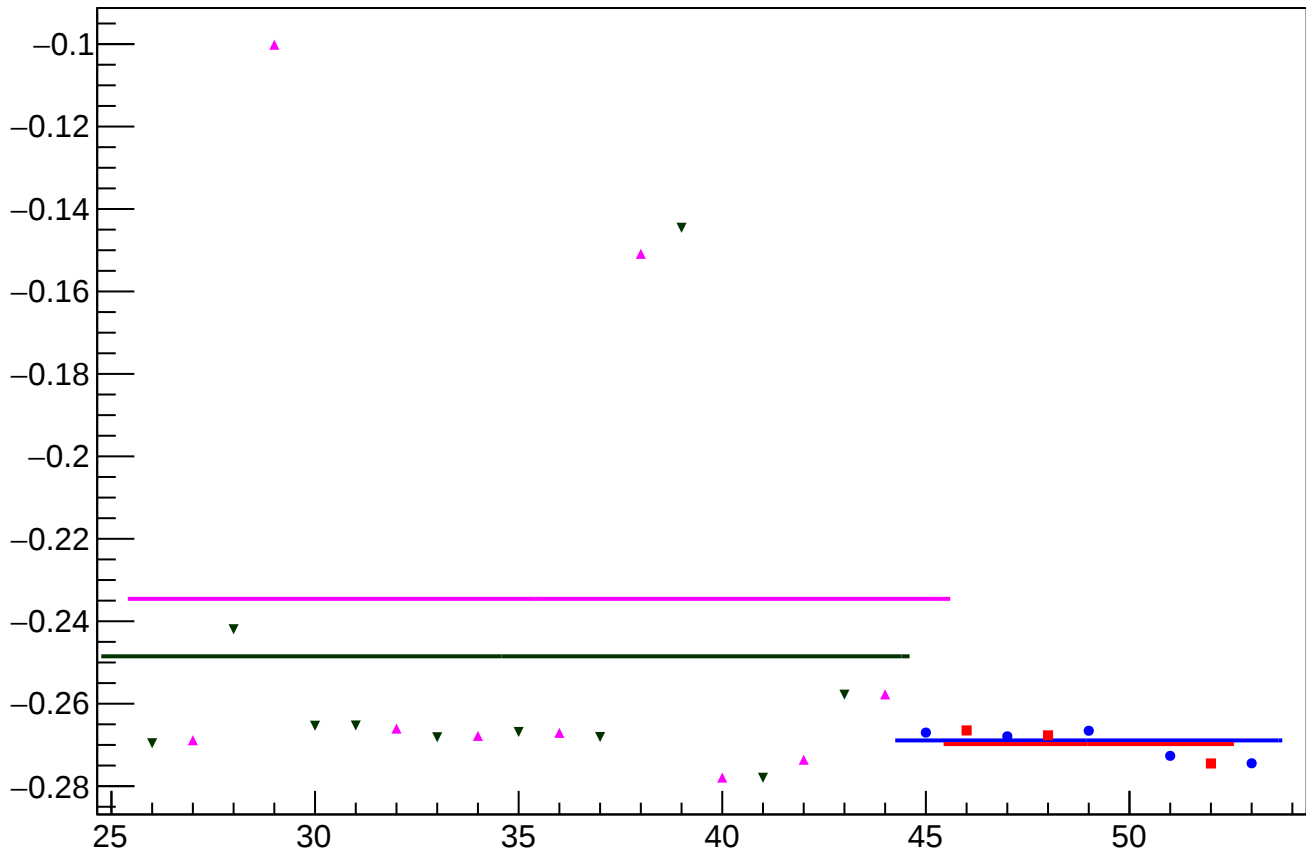
Right Out: 0.007+/-0.000 χ^2/NDF : 14713.4/2

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

0.007+/-0.000 χ^2/NDF : 55112.4/14

0.006+/-0.000 χ^2/NDF : 60290.6/11

yield_bpm16X_mean vs slug



Right In: -0.269+/-0.000 χ^2/NDF : 1446540.1/4

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

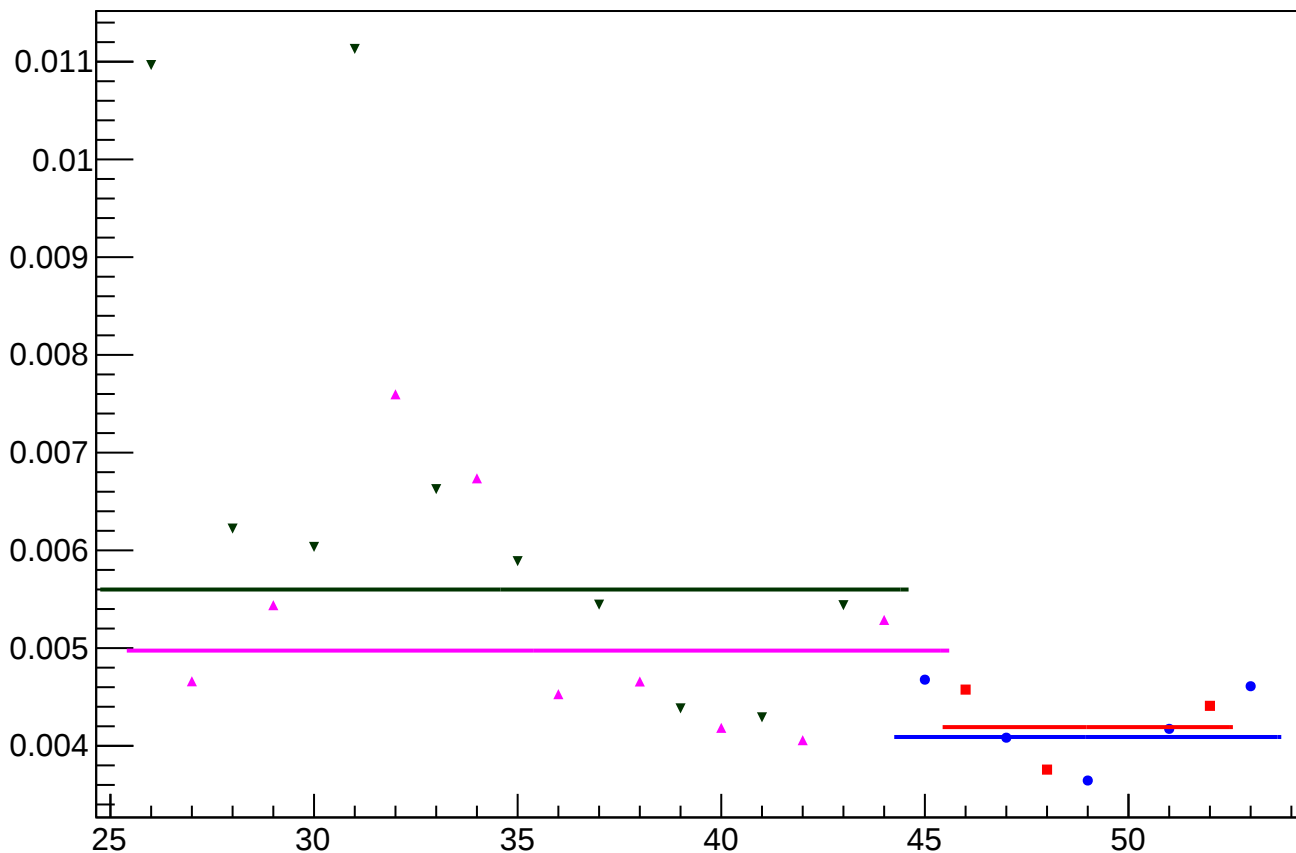
Right Out: -0.270+/-0.000 χ^2/NDF : 842346.7/2

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

-0.259+/-0.000 χ^2/NDF : 291509081.7/14

-0.244+/-0.000 χ^2/NDF : 850530844.8/11

yield_bpm16X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 51782.2/4

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

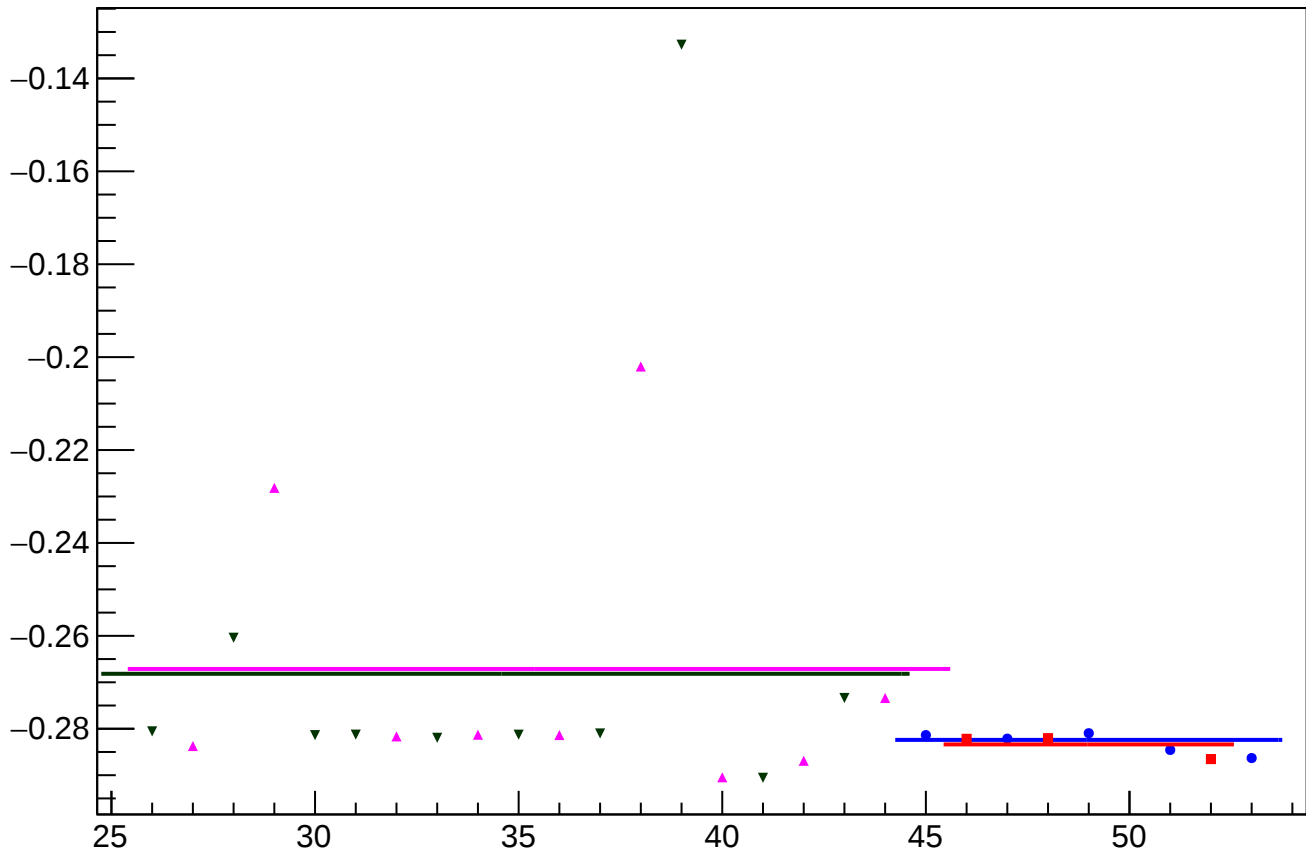
Right Out: 0.004+/-0.000 χ^2/NDF : 17552.1/2

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

0.005+/-0.000 χ^2/NDF : 988492.9/14

0.005+/-0.000 χ^2/NDF : 442826.9/11

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 927274.8/4

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

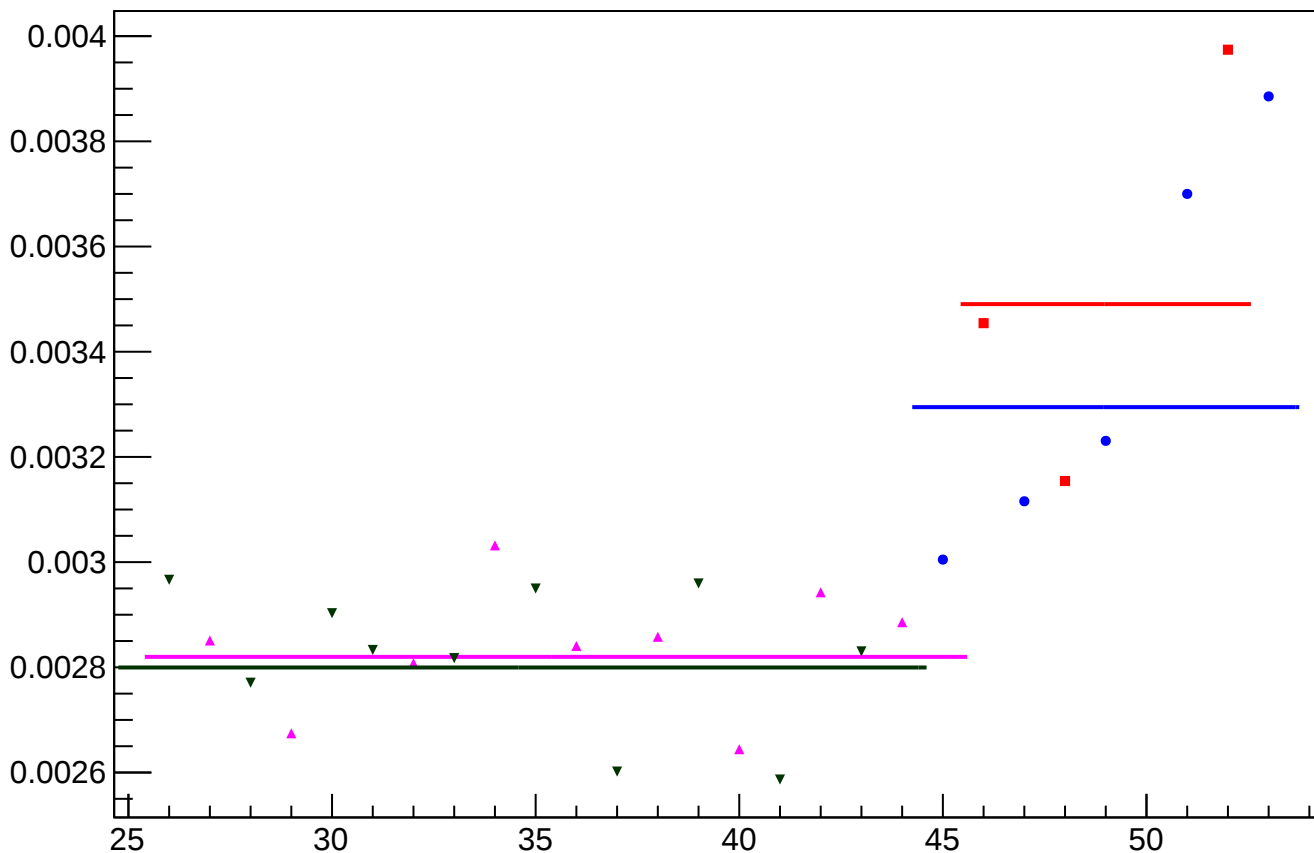
Right Out: -0.283+/-0.000 χ^2/NDF : 466659.6/2

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

-0.272+/-0.000 χ^2/NDF : 1000353720.3/14

-0.269+/-0.000 χ^2/NDF : 580592303.3/11

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 50157.7/4

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

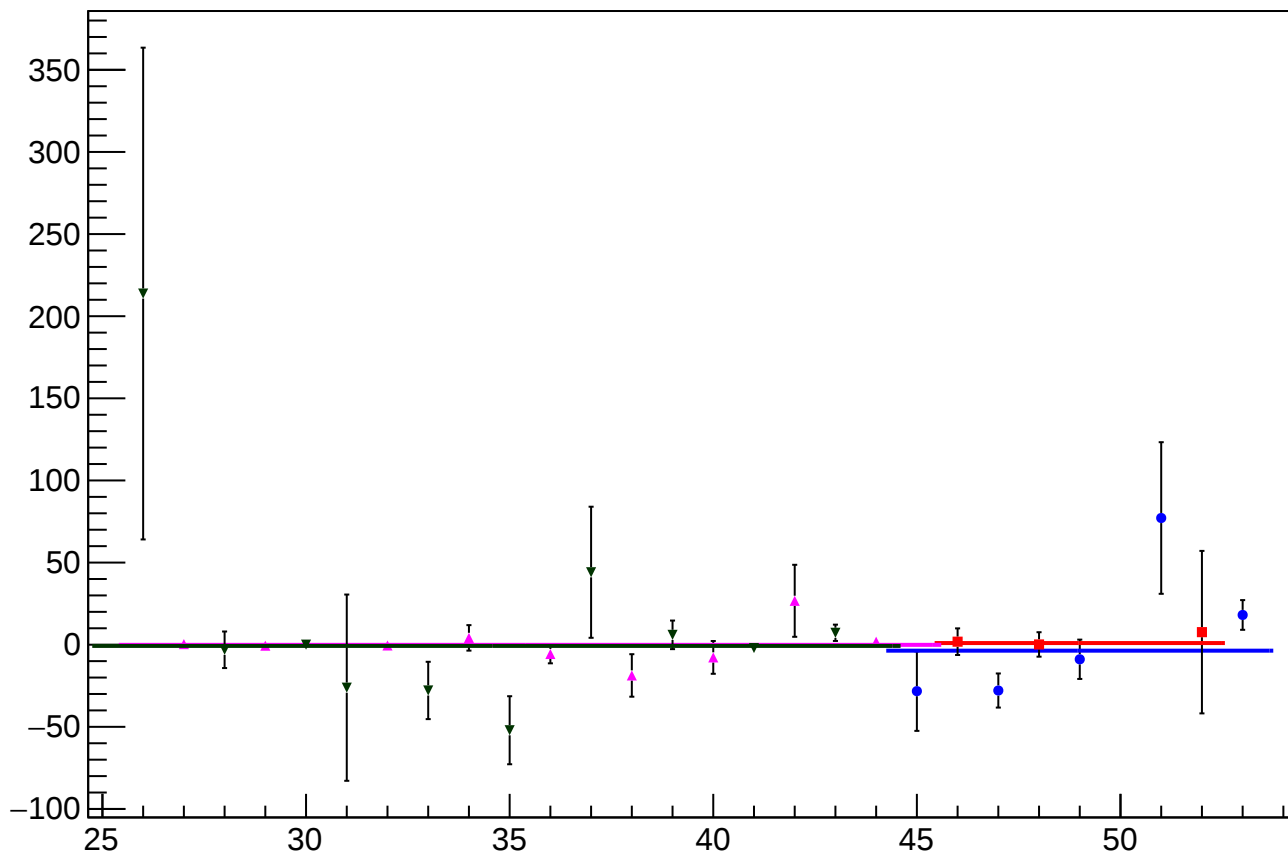
Right Out: 0.003+/-0.000 χ^2/NDF : 25622.8/2

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

0.003+/-0.000 χ^2/NDF : 167899.5/14

0.003+/-0.000 χ^2/NDF : 131001.7/11

diff_cav4bX_mean vs slug



Right In: -3.631+/-5.711 χ^2/NDF : 15.5/4

Left Out: -0.739+/-1.551 χ^2/NDF : 15.8/9

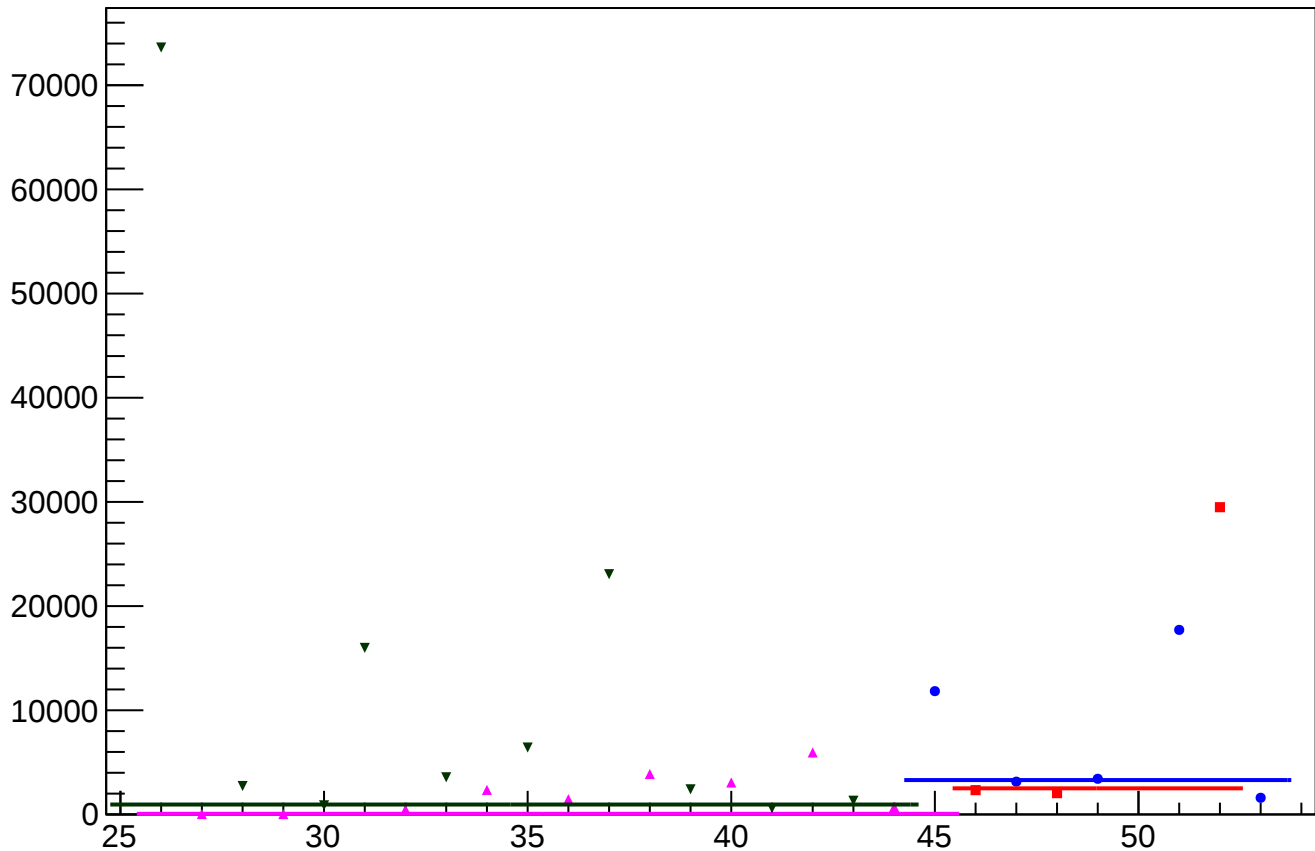
Right Out: 1.008+/-5.449 χ^2/NDF : 0.0/2

Left In: -0.085+/-0.168 χ^2/NDF : 15.7/8

-0.937+/-1.497 χ^2/NDF : 31.5/14

-0.084+/-0.168 χ^2/NDF : 15.7/11

diff_cav4bX_rms vs slug



Right In: 3300.641+/-4.038 χ^2/NDF : 515325.7/4

Left Out: 952.852+/-1.097 χ^2/NDF :1588574.2/9

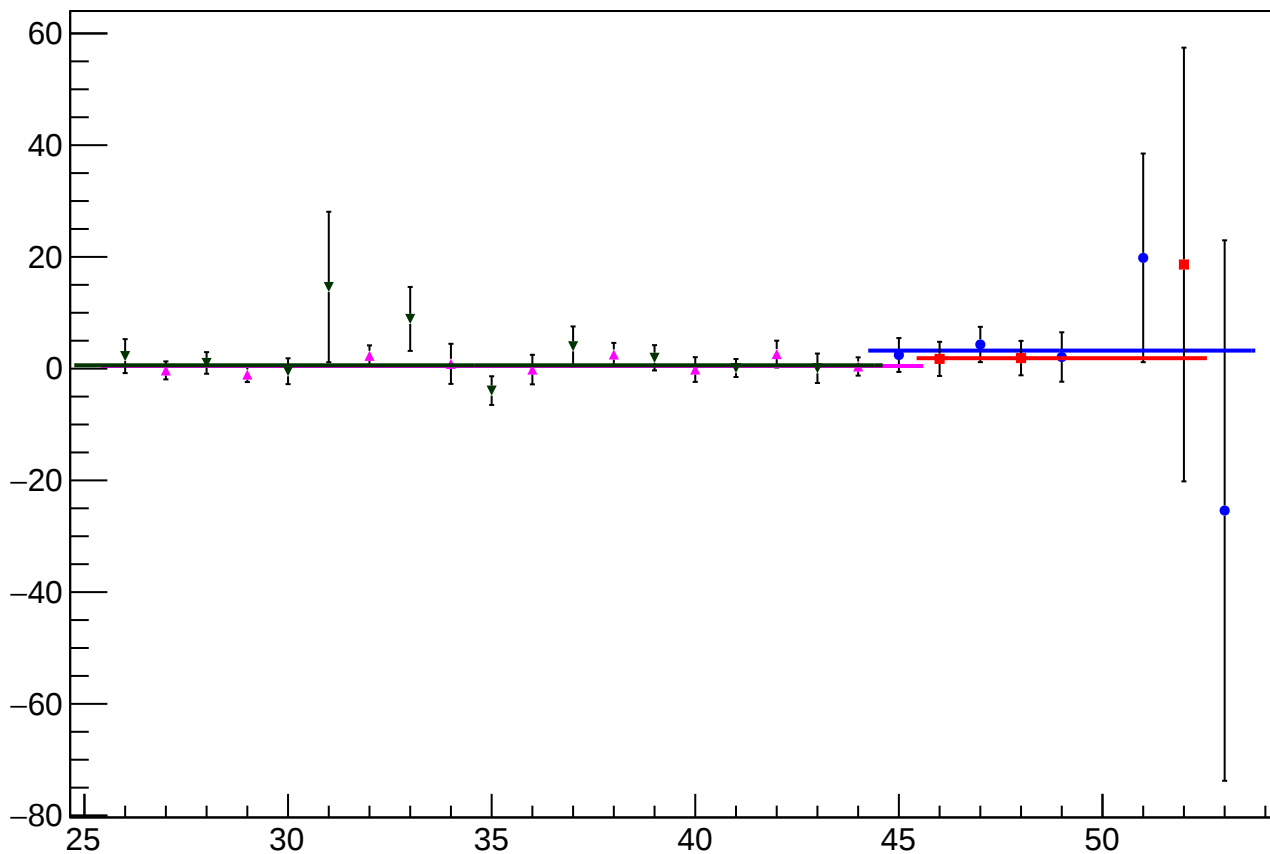
Right Out: 2507.272+/-3.853 χ^2/NDF : 604025.0/2

Left In: 61.509+/-0.119 χ^2/NDF :1573017.7/8

1114.153+/-1.058 χ^2/NDF : 2418692.1/14

63.837+/-0.119 χ^2/NDF : 2579567.3/11

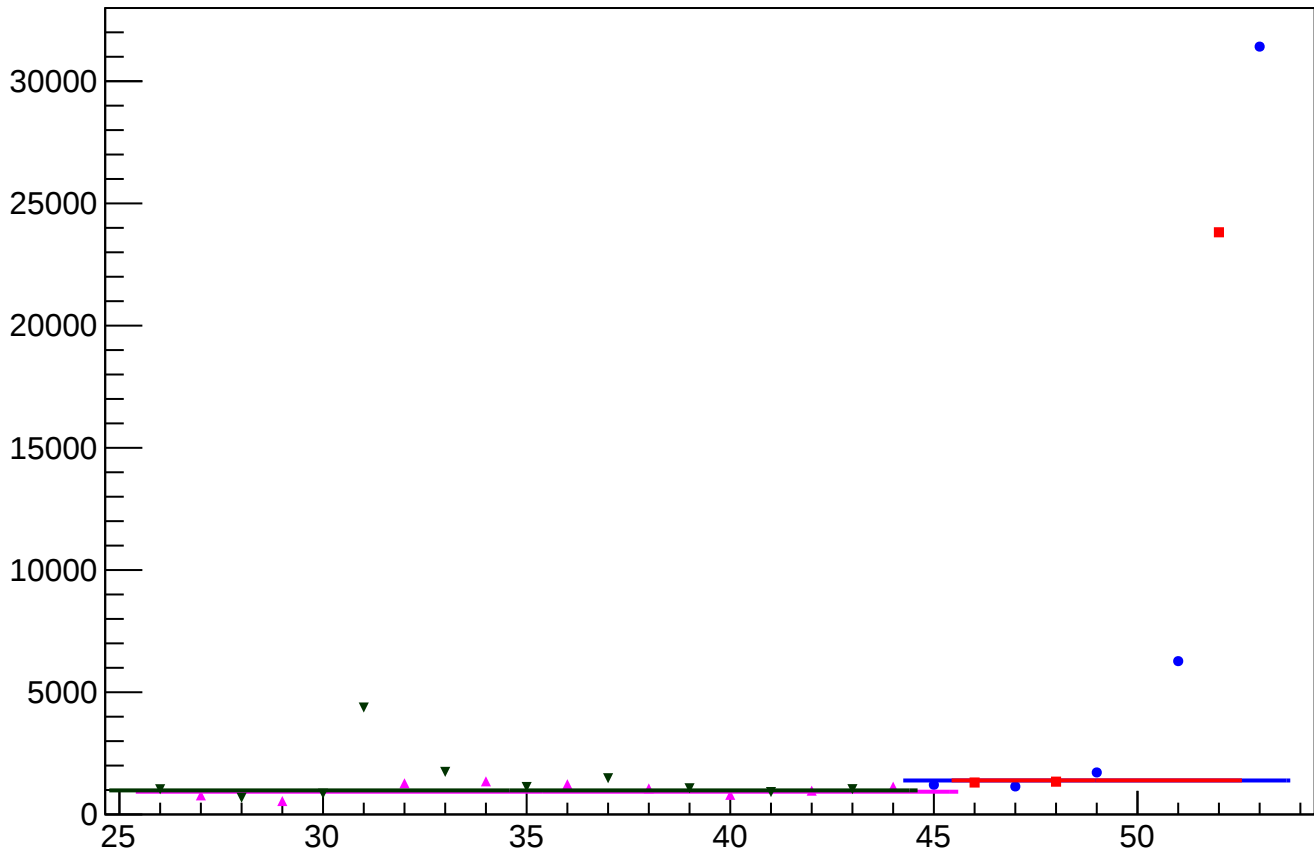
diff_cav4bY_mean vs slug



Right In: 3.231 $\pm$ 1.948 χ^2/NDF : 1.4/4
 Left Out: 0.601 $\pm$ 0.803 χ^2/NDF : 8.3/9
 Right Out: 1.871 $\pm$ 2.168 χ^2/NDF : 0.2/2
 Left In: 0.474 $\pm$ 0.642 χ^2/NDF : 4.4/8

0.983 $\pm$ 0.742 χ^2/NDF : 11.2/14
 0.586 $\pm$ 0.616 χ^2/NDF : 5.0/11

diff_cav4bY_rms vs slug



Right In: 1389.682+/-1.378 χ^2/NDF : 937174.3/4

Left Out: 984.448+/-0.567 χ^2/NDF : 269152.2/9

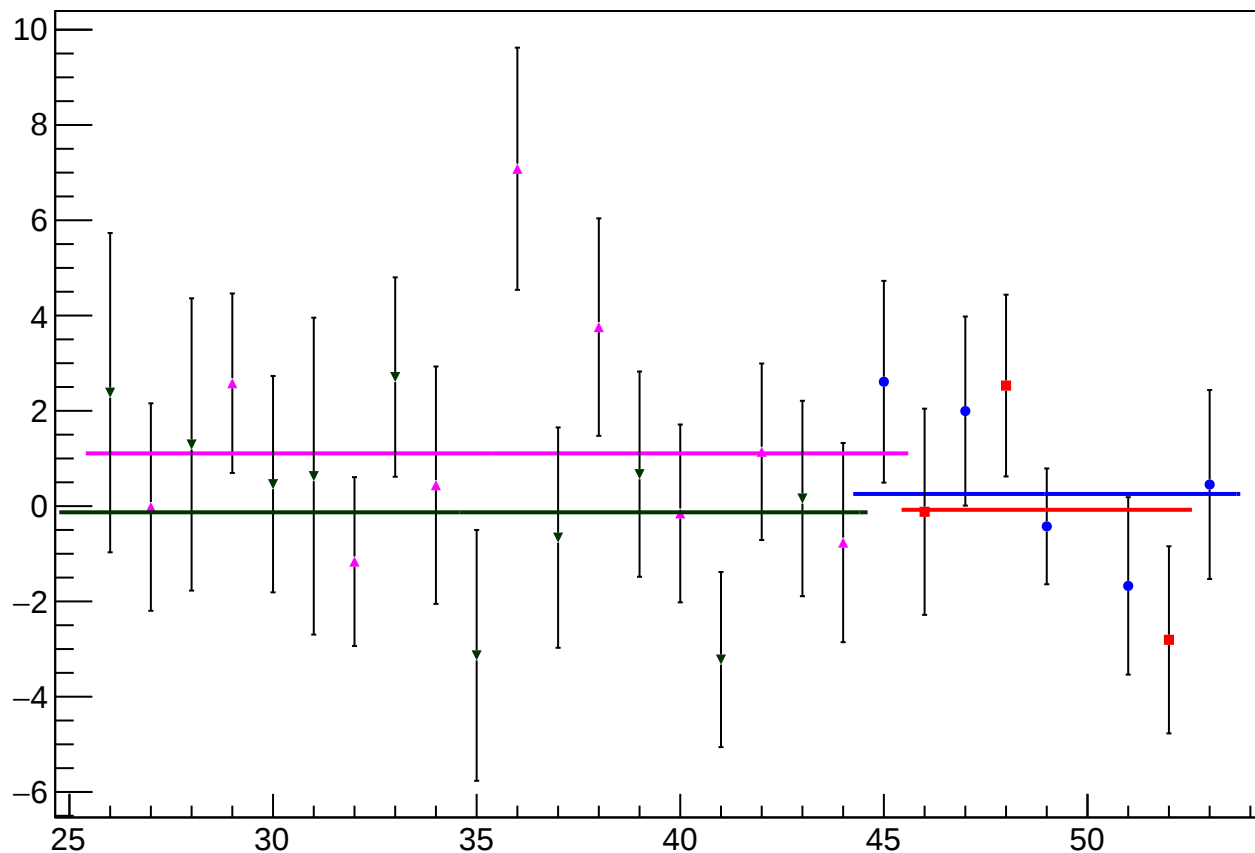
Right Out: 1394.248+/-1.533 χ^2/NDF : 669784.7/2

Left In: 930.041+/-0.454 χ^2/NDF : 348842.9/8

1043.222+/-0.525 χ^2/NDF : 1280289.4/14

967.481+/-0.435 χ^2/NDF : 1102962.7/11

diff_cav4cX_mean vs slug



Right In: 0.256 ± 0.768 χ^2/NDF : 3.4/4

Left Out: -0.130 ± 0.748 χ^2/NDF : 7.1/9

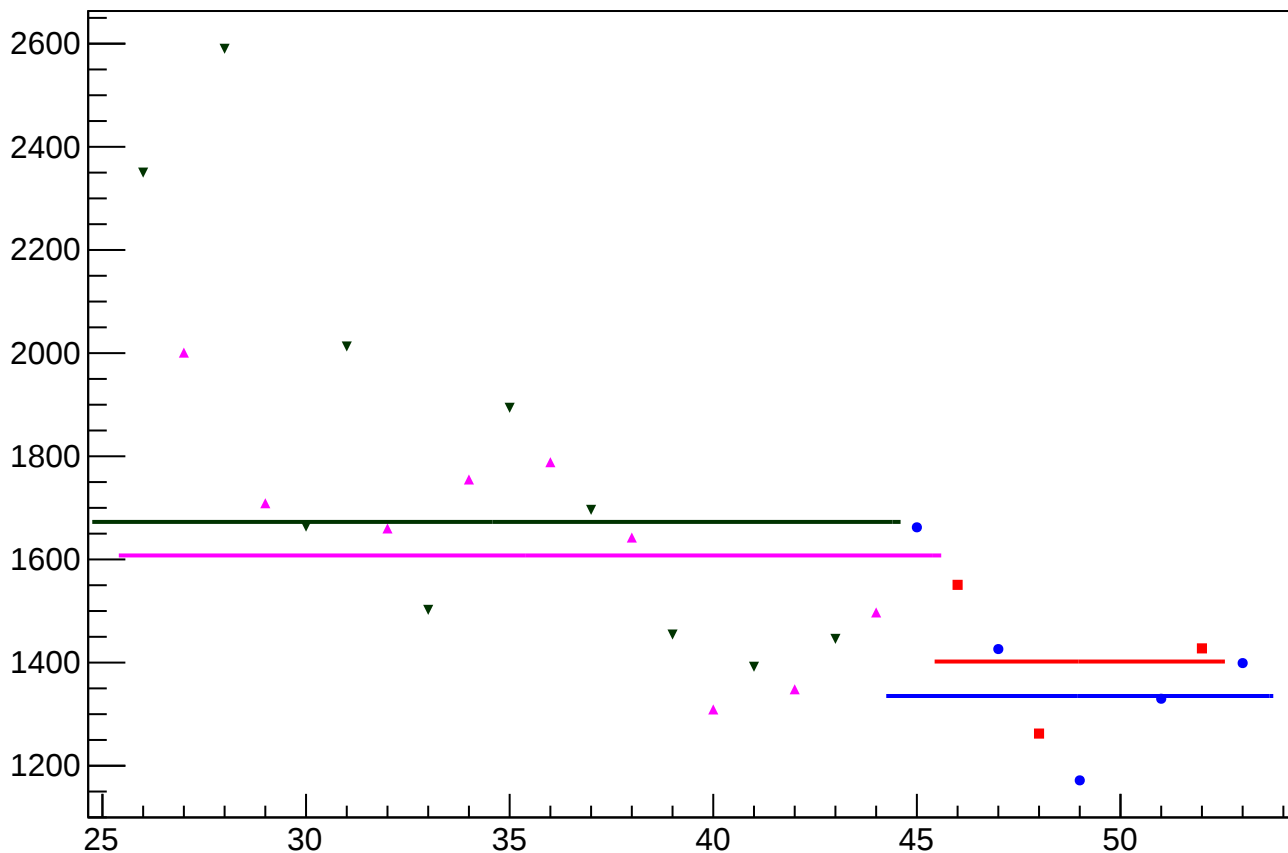
Right Out: -0.077 ± 1.157 χ^2/NDF : 3.8/2

Left In: 1.107 ± 0.686 χ^2/NDF : 10.7/8

0.058 ± 0.536 χ^2/NDF : 10.6/14

0.799 ± 0.590 χ^2/NDF : 15.3/11

diff_cav4cX_rms vs slug



Right In: 1335.233+/-0.543 χ^2/NDF : 90209.1/4

Left Out: 1672.764+/-0.529 χ^2/NDF : 400876.3/9

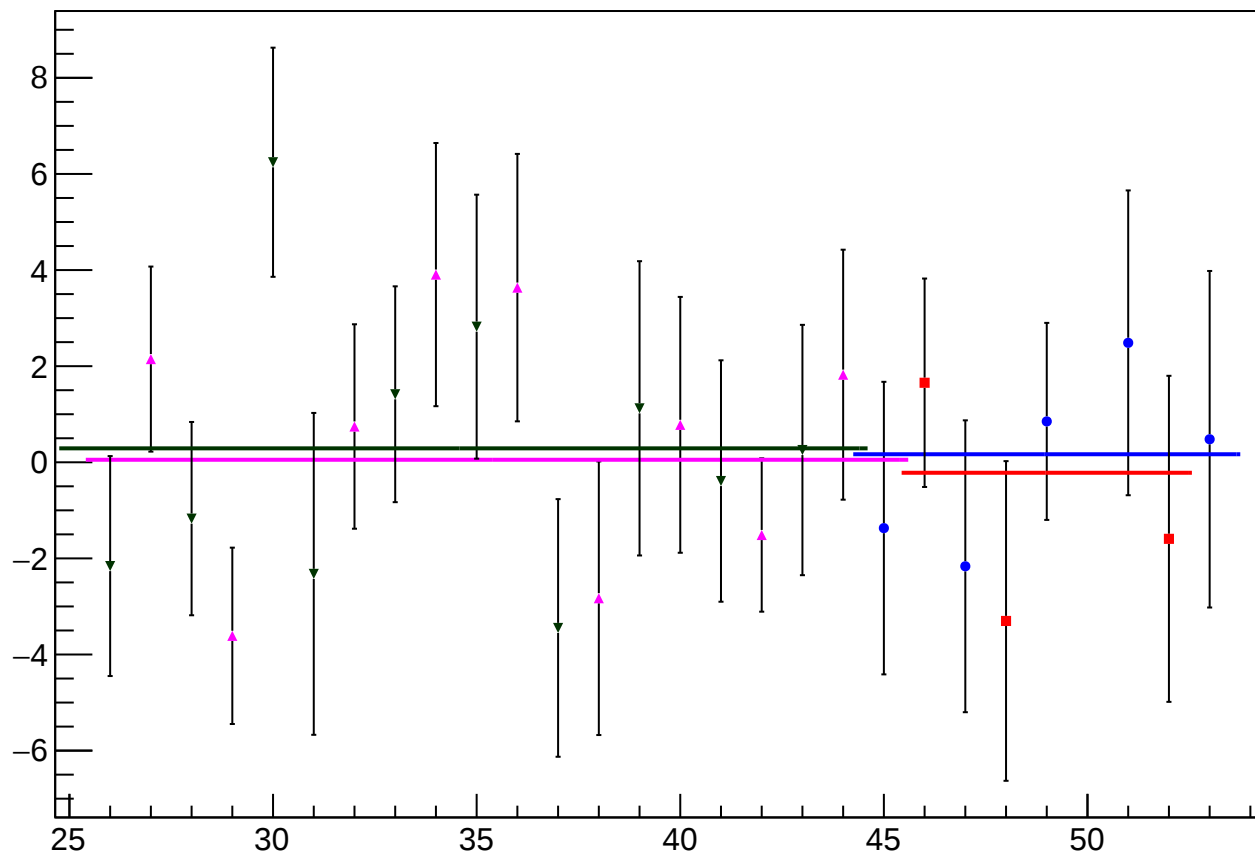
Right Out: 1402.050+/-0.818 χ^2/NDF : 20499.7/2

Left In: 1607.719+/-0.485 χ^2/NDF : 186347.4/8

1508.455+/-0.379 χ^2/NDF : 689477.6/14

1554.226+/-0.417 χ^2/NDF : 253636.9/11

diff_cav4cY_mean vs slug



Right In: 0.167 ± 1.255 $\chi^2/\text{NDF}: 1.5/4$

Left Out: 0.290 ± 0.794 $\chi^2/\text{NDF}: 11.7/9$

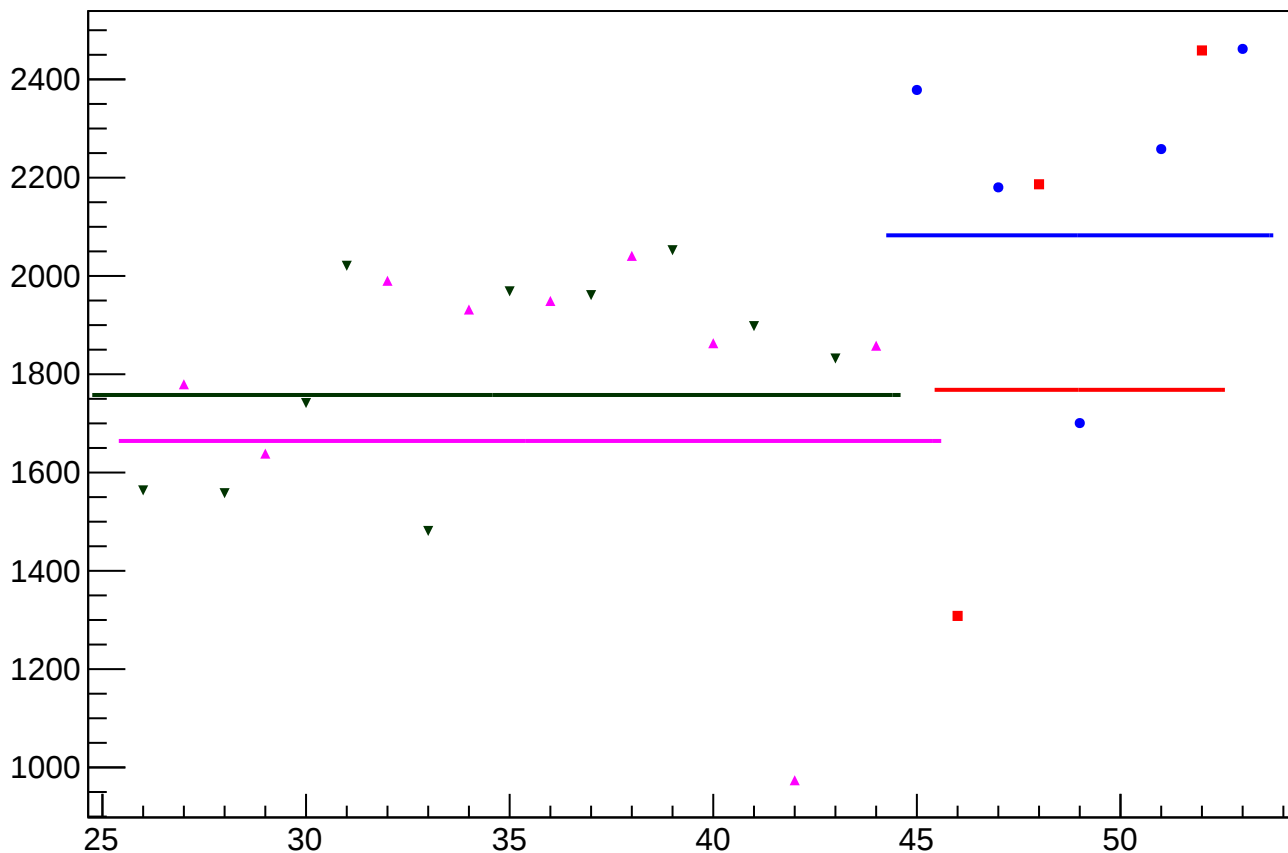
Right Out: -0.218 ± 1.601 $\chi^2/\text{NDF}: 1.8/2$

Left In: 0.052 ± 0.734 $\chi^2/\text{NDF}: 11.4/8$

0.255 ± 0.671 $\chi^2/\text{NDF}: 13.2/14$

0.005 ± 0.667 $\chi^2/\text{NDF}: 13.2/11$

diff_cav4cY_rms vs slug



Right In: 2082.669+/-0.887 χ^2/NDF : 119999.4/4

Left Out: 1757.817+/-0.562 χ^2/NDF :126542.7/9

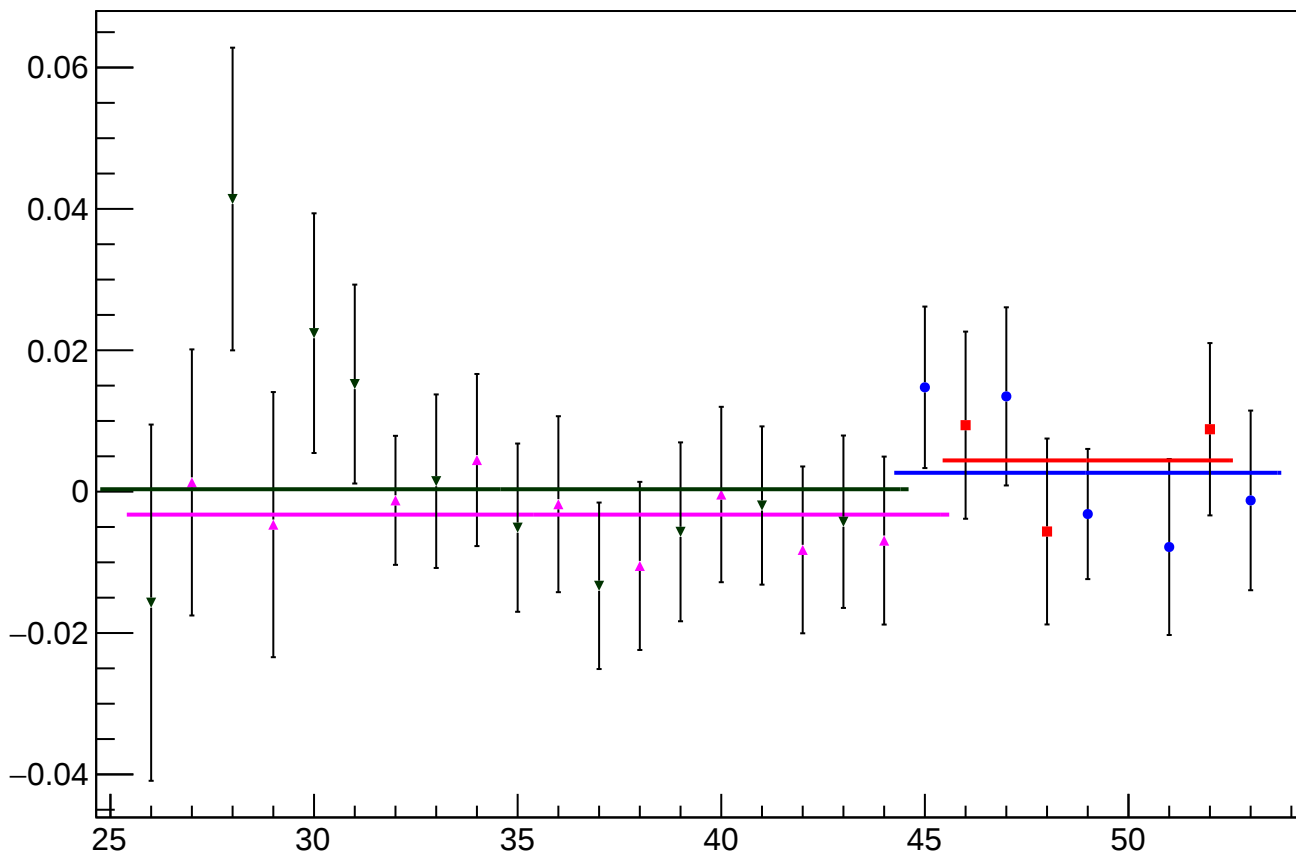
Right Out: 1768.299+/-1.132 χ^2/NDF : 204483.8/2

Left In: 1664.274+/-0.519 χ^2/NDF :526261.8/8

1850.735+/-0.474 χ^2/NDF : 342272.9/14

1682.338+/-0.472 χ^2/NDF : 737718.5/11

diff_cav4dX_mean vs slug



Right In: 0.003 $\pm$ 0.005 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.004 χ^2 /NDF: 8.9/9

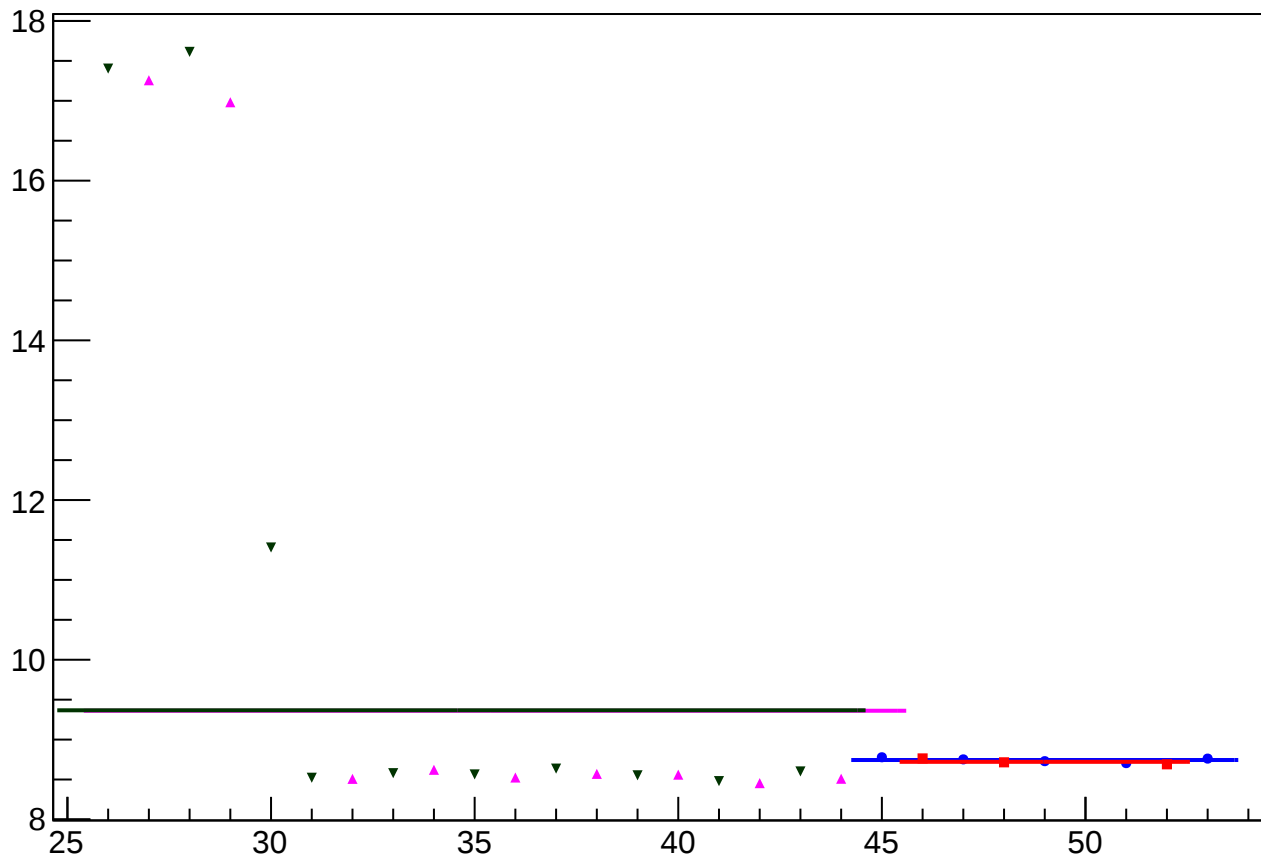
Right Out: 0.004 $\pm$ 0.007 χ^2 /NDF: 0.9/2

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.001 $\pm$ 0.003 χ^2 /NDF: 12.1/14

-0.001 $\pm$ 0.004 χ^2 /NDF: 2.9/11

diff_cav4dX_rms vs slug



Right In: 8.744+/-0.004 χ^2/NDF : 47.2/4

Left Out: 9.367+/-0.003 χ^2/NDF : 590012.0/9

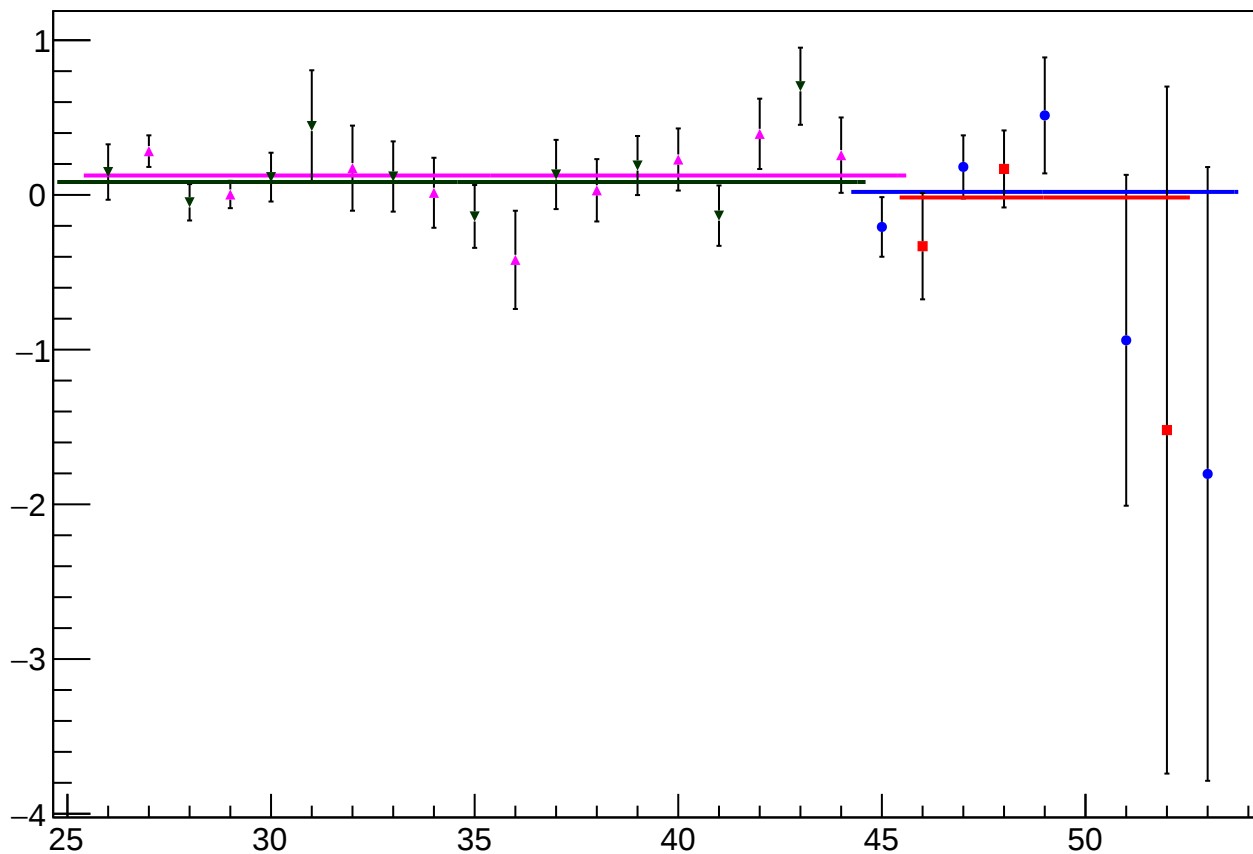
Right Out: 8.721+/-0.005 χ^2/NDF : 34.3/2

Left In: 9.361+/-0.003 χ^2/NDF : 755354.4/8

9.108+/-0.002 χ^2/NDF : 607472.7/14

9.210+/-0.003 χ^2/NDF : 766770.0/11

diff_cav4dY_mean vs slug



Right In: 0.019 ± 0.130 $\chi^2/\text{NDF}: 5.4/4$

Left Out: 0.083 ± 0.059 $\chi^2/\text{NDF}: 11.4/9$

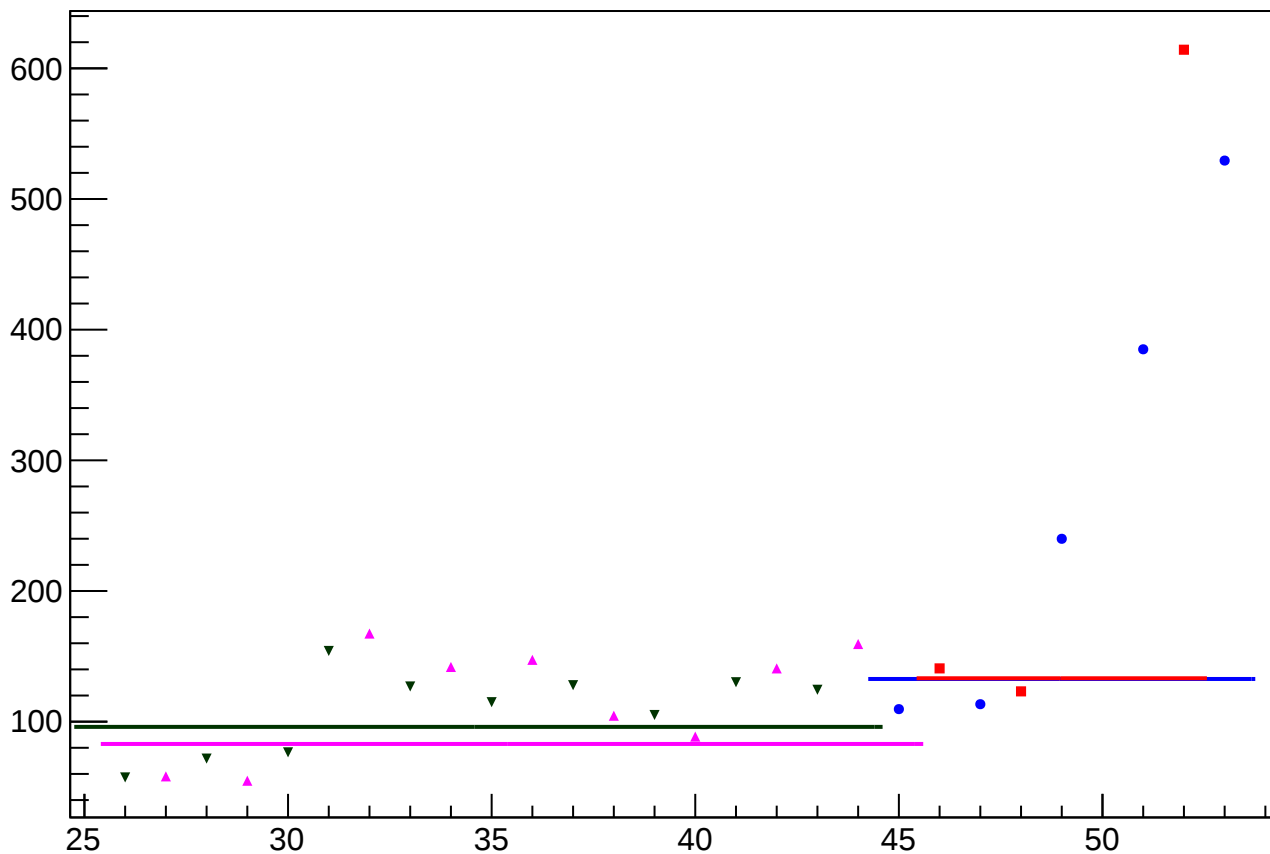
Right Out: -0.016 ± 0.201 $\chi^2/\text{NDF}: 1.8/2$

Left In: 0.126 ± 0.053 $\chi^2/\text{NDF}: 9.7/8$

0.072 ± 0.054 $\chi^2/\text{NDF}: 17.0/14$

0.116 ± 0.051 $\chi^2/\text{NDF}: 12.0/11$

diff_cav4dY_rms vs slug



Right In: 132.668 $\pm$ 0.092 χ^2 /NDF: 401771.7/4

Left Out: 96.008 $\pm$ 0.042 χ^2 /NDF:447968.4/9

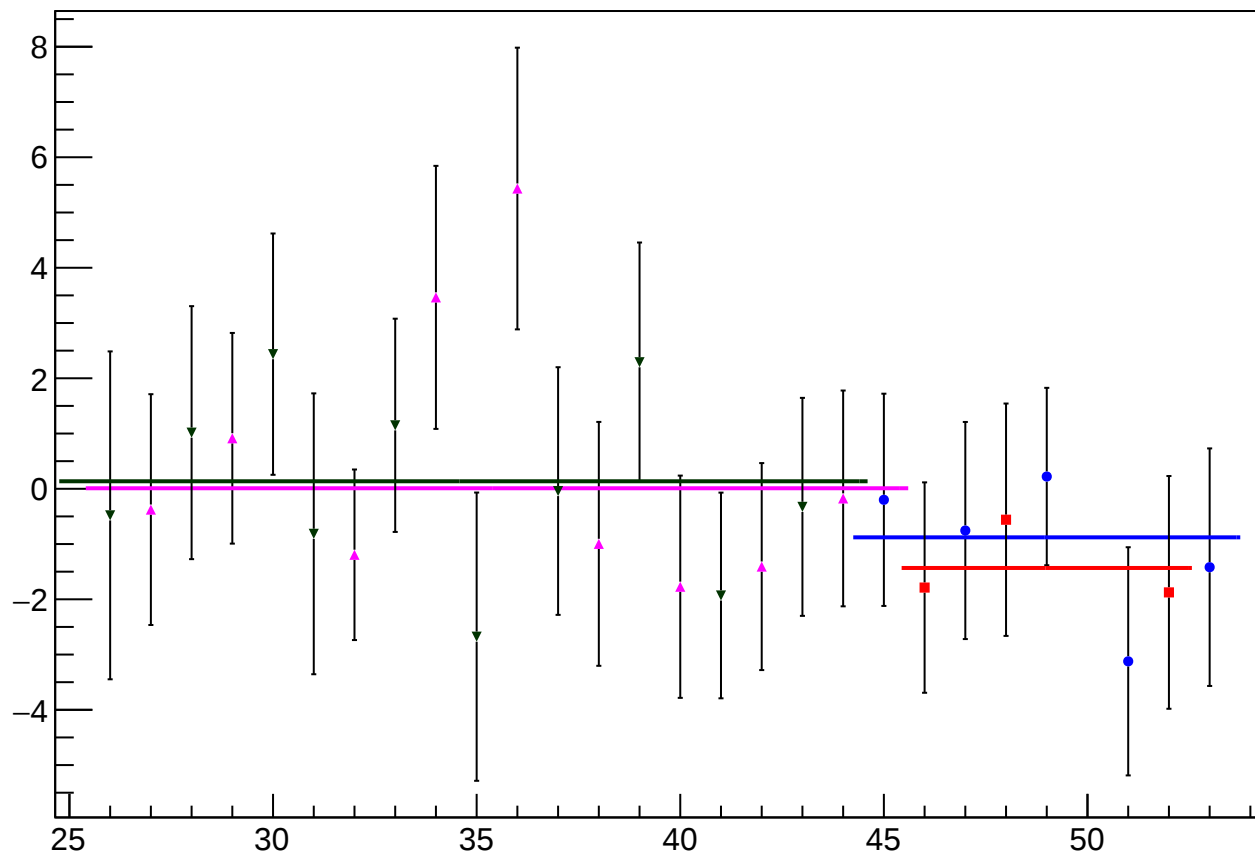
Right Out: 133.204 $\pm$ 0.142 χ^2 /NDF: 98087.3/2

Left In: 82.932 $\pm$ 0.038 χ^2 /NDF:1078957.9/8

102.318 $\pm$ 0.038 χ^2 /NDF: 981515.0/14

86.238 $\pm$ 0.036 χ^2 /NDF: 1294236.5/11

diff_bpm4aX_mean vs slug



Right In: -0.879 ± 0.855 χ^2/NDF : 1.8/4

Left Out: 0.136 ± 0.700 χ^2/NDF : 5.2/9

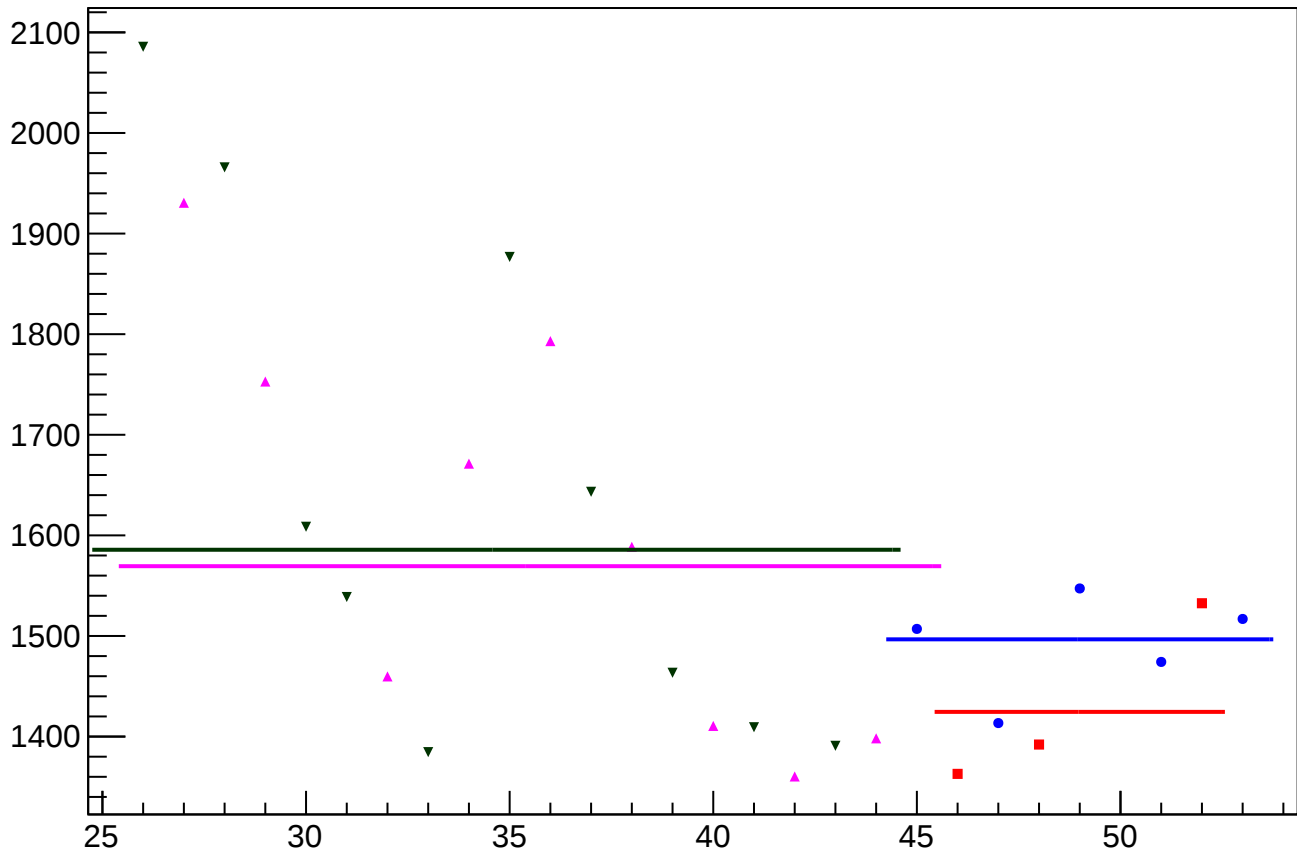
Right Out: -1.433 ± 1.172 χ^2/NDF : 0.3/2

Left In: 0.010 ± 0.666 χ^2/NDF : 9.1/8

-0.271 ± 0.541 χ^2/NDF : 7.8/14

-0.342 ± 0.579 χ^2/NDF : 10.5/11

diff_bpm4aX_rms vs slug



Right In: 1496.653+/-0.604 χ^2/NDF : 6048.0/4

Left Out: 1585.705+/-0.495 χ^2/NDF : 204665.3/9

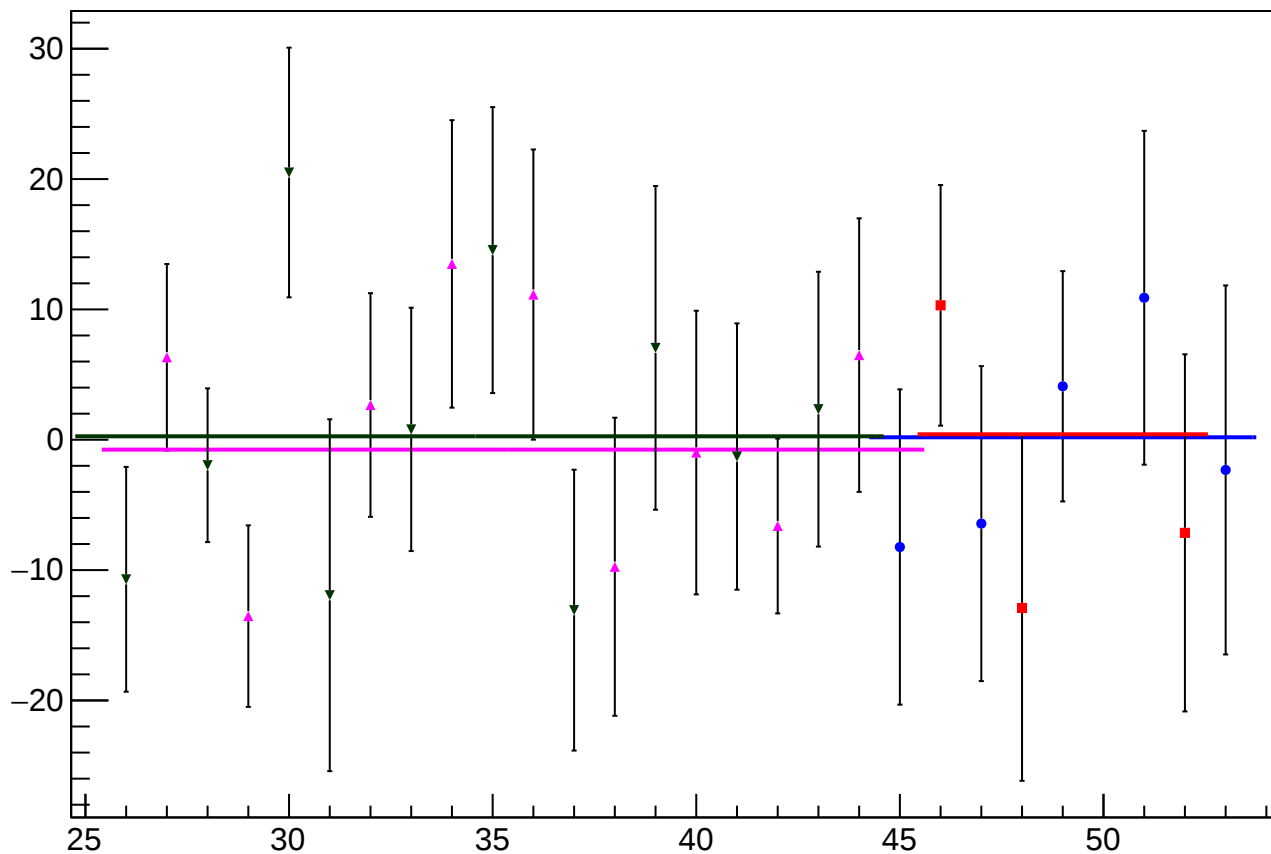
Right Out: 1424.546+/-0.829 χ^2/NDF : 7830.7/2

Left In: 1569.368+/-0.471 χ^2/NDF : 160431.6/8

1549.963+/-0.383 χ^2/NDF : 223714.8/14

1534.037+/-0.409 χ^2/NDF : 191334.2/11

diff_bpm4aY_mean vs slug



Right In: 0.190 ± 5.158 χ^2/NDF : 1.7/4

Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

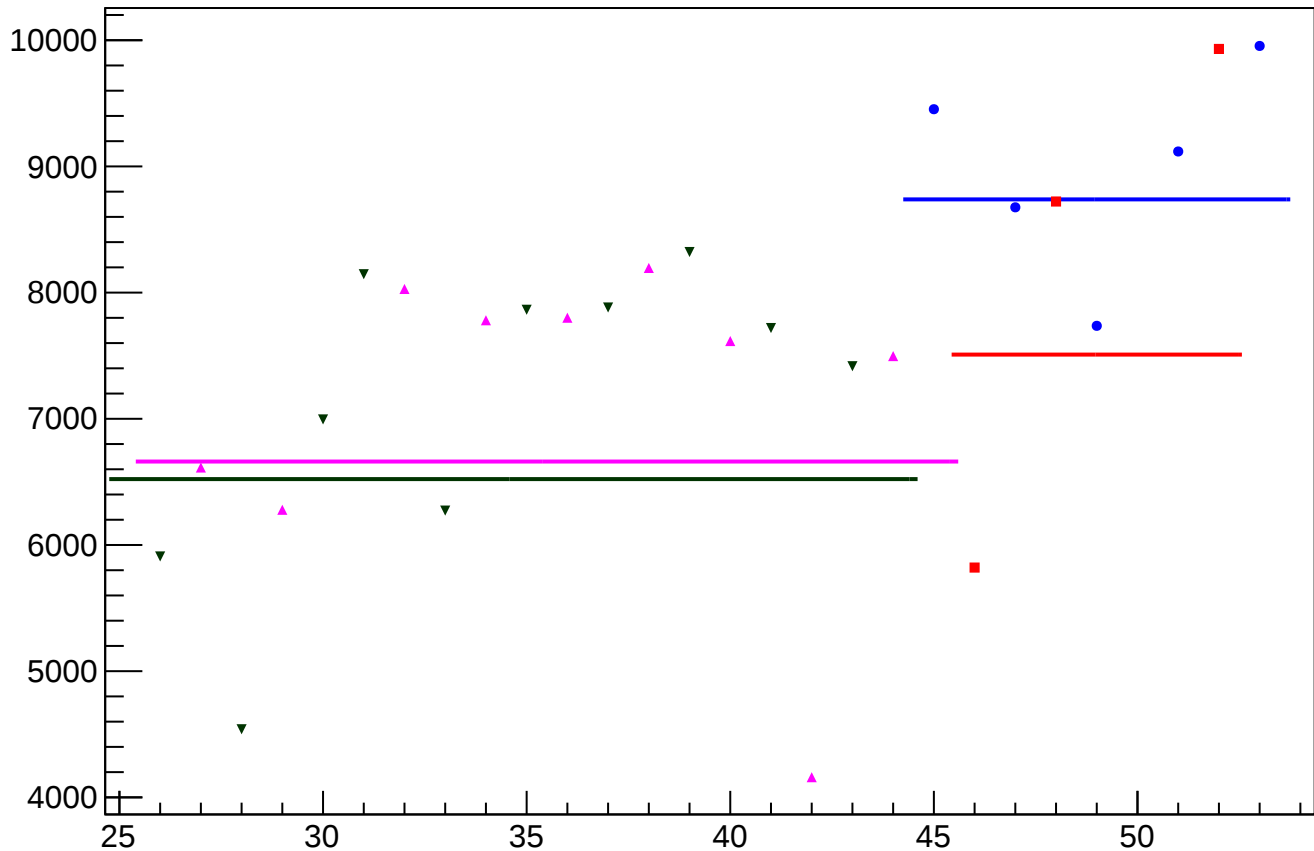
Right Out: 0.420 ± 6.630 χ^2/NDF : 2.5/2

Left In: -0.758 ± 2.918 χ^2/NDF : 9.2/8

0.246 ± 2.585 χ^2/NDF : 12.3/14

-0.567 ± 2.671 χ^2/NDF : 11.7/11

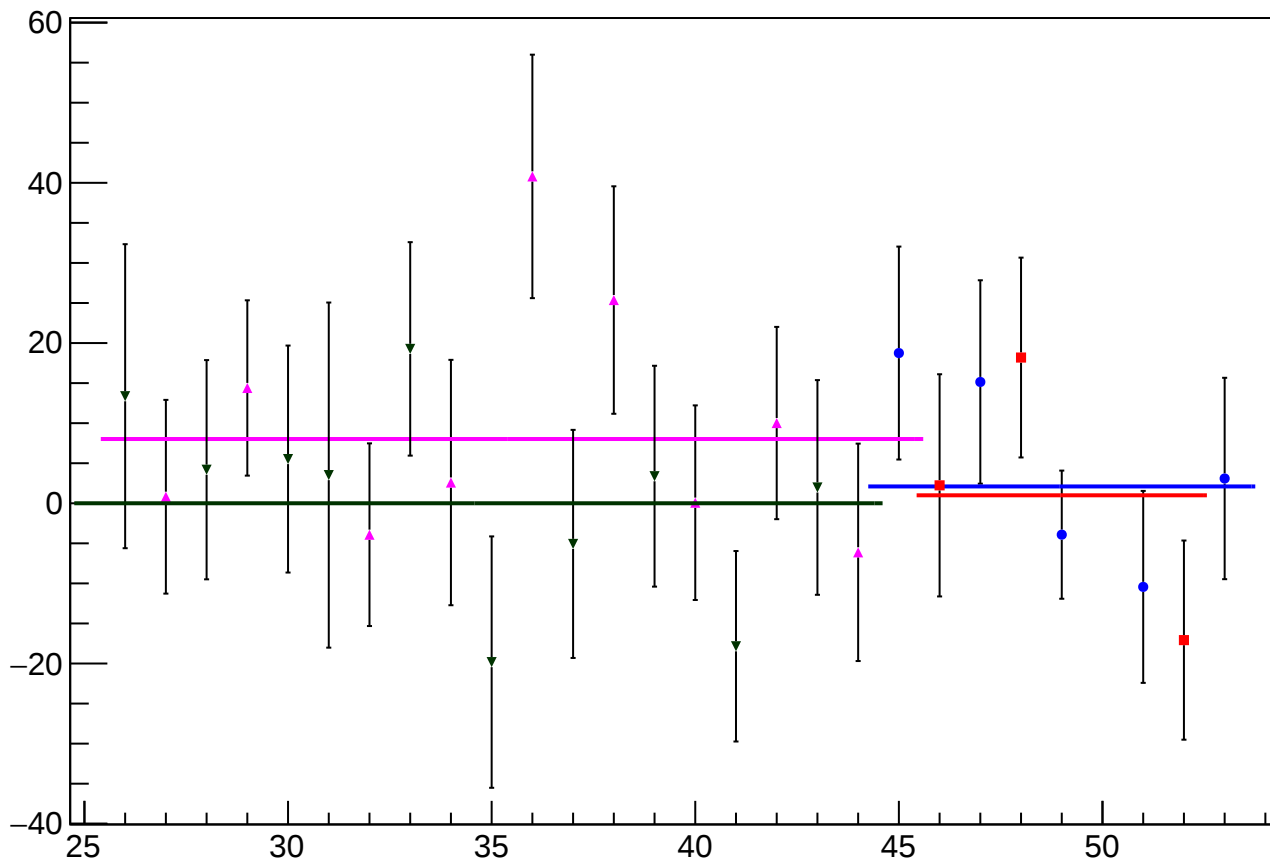
diff_bpm4aY_rms vs slug



Right In: 8738.697 ± 3.647 $\chi^2/\text{NDF}: 49282.8/4$
 Left Out: 6522.149 ± 2.112 $\chi^2/\text{NDF}: 417038.9/9$
 Right Out: 7508.809 ± 4.688 $\chi^2/\text{NDF}: 146120.1/2$
 Left In: 6661.294 ± 2.063 $\chi^2/\text{NDF}: 440653.4/8$

7078.897 ± 1.828 $\chi^2/\text{NDF}: 742899.4/14$
 6798.851 ± 1.889 $\chi^2/\text{NDF}: 614154.1/11$

diff_bpm4eX_mean vs slug



Right In: 2.102 $\pm$ 4.951 χ^2 /NDF: 4.3/4

Left Out: 0.003 $\pm$ 4.574 χ^2 /NDF: 6.9/9

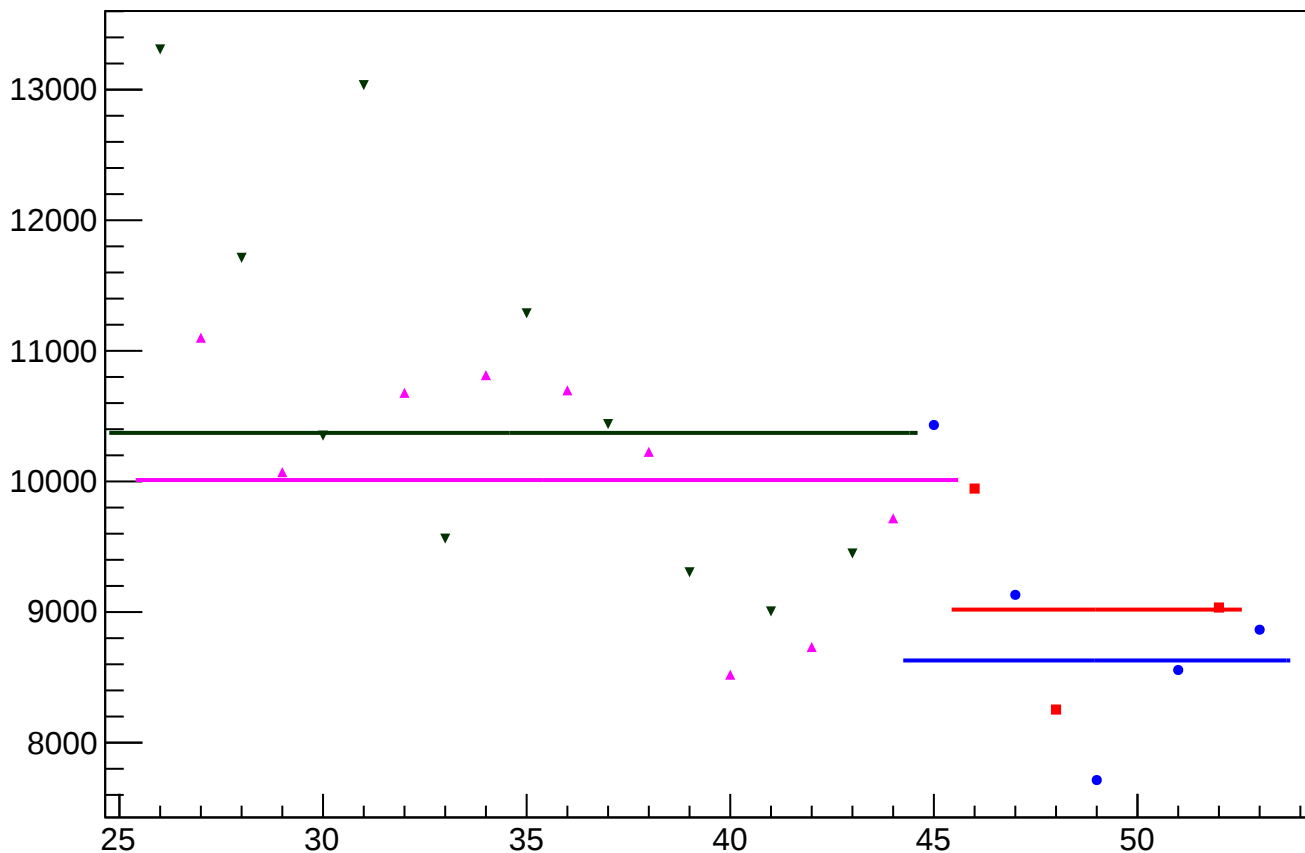
Right Out: 0.996 $\pm$ 7.433 χ^2 /NDF: 4.0/2

Left In: 8.023 $\pm$ 4.241 χ^2 /NDF: 9.6/8

0.969 $\pm$ 3.360 χ^2 /NDF: 11.3/14

6.297 $\pm$ 3.684 χ^2 /NDF: 14.3/11

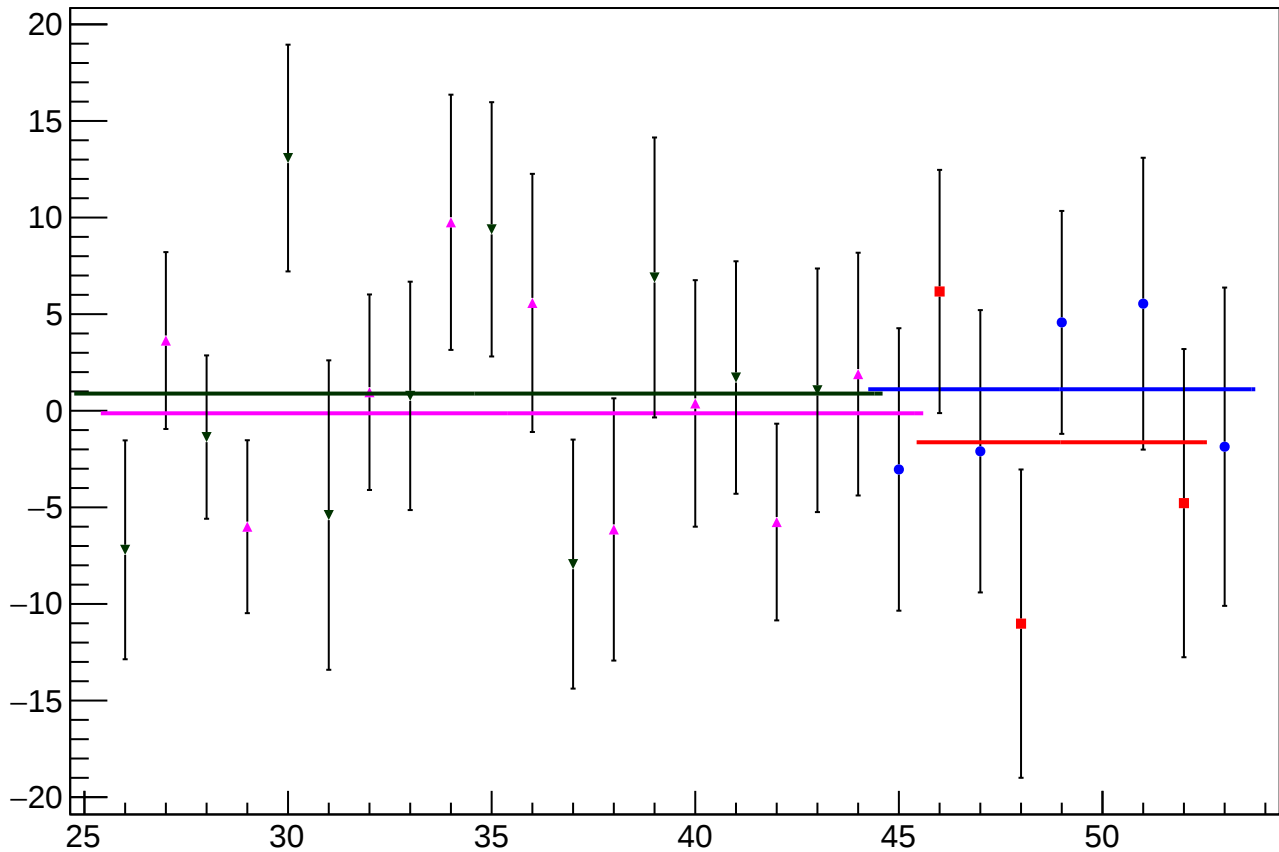
diff_bpm4eX_rms vs slug



Right In: 8629.305+/-3.501 $\chi^2/\text{NDF}: 66931.1/4$
 Left Out: 10371.917+/-3.234 $\chi^2/\text{NDF}: 159833.9/9$
 Right Out: 9018.890+/-5.256 $\chi^2/\text{NDF}: 16466.1/2$
 Left In: 10010.878+/-2.999 $\chi^2/\text{NDF}: 86966.5/8$

9569.472+/-2.376 $\chi^2/\text{NDF}: 360437.8/14$
 9767.224+/-2.605 $\chi^2/\text{NDF}: 130308.0/11$

diff_bpm4eY_mean vs slug



Right In: 1.113 ± 3.166 χ^2/NDF : 1.3/4

Left Out: 0.889 ± 1.892 χ^2/NDF : 11.5/9

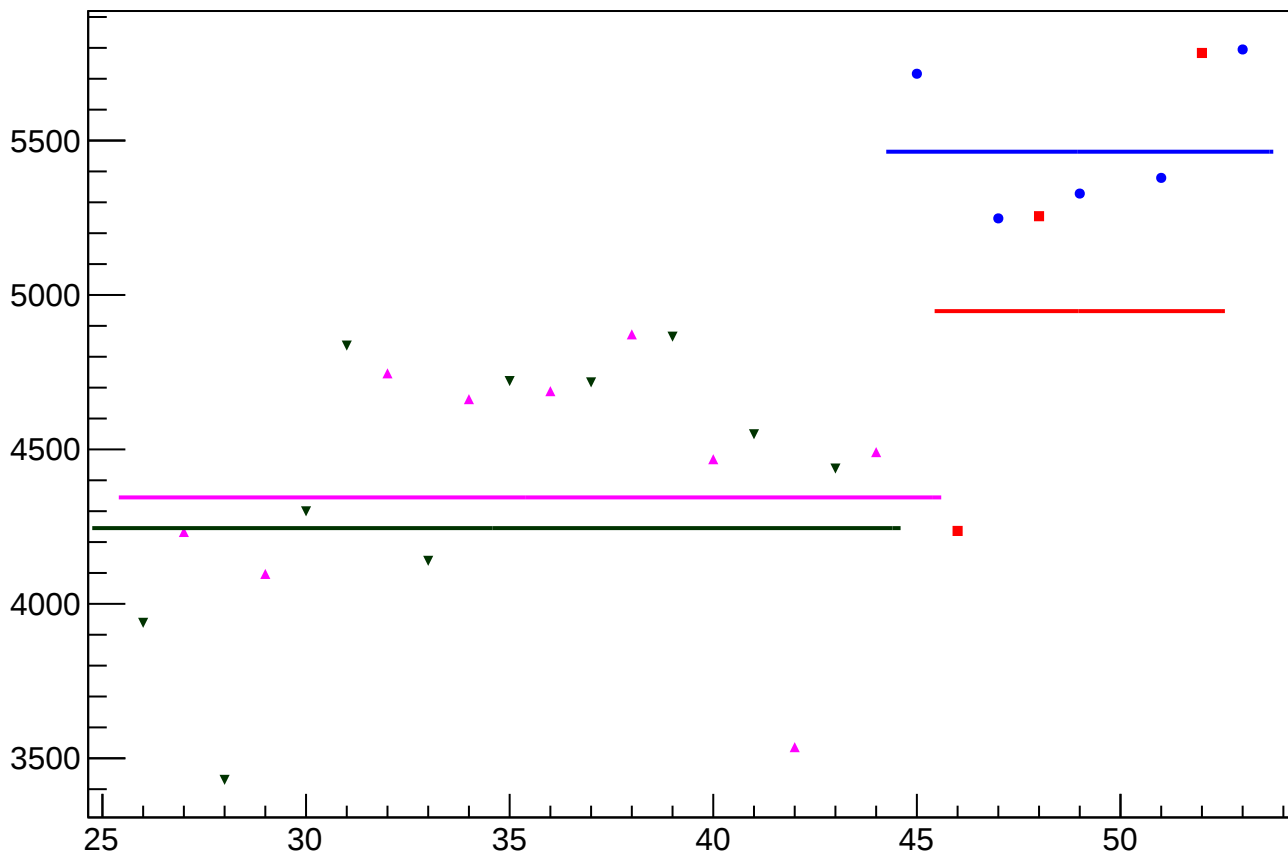
Right Out: -1.631 ± 4.201 χ^2/NDF : 3.1/2

Left In: -0.131 ± 1.850 χ^2/NDF : 7.5/8

0.948 ± 1.624 χ^2/NDF : 12.9/14

-0.375 ± 1.693 χ^2/NDF : 10.7/11

diff_bpm4eY_rms vs slug



Right In: 5463.849+/-2.239 χ^2/NDF : 8714.9/4

Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

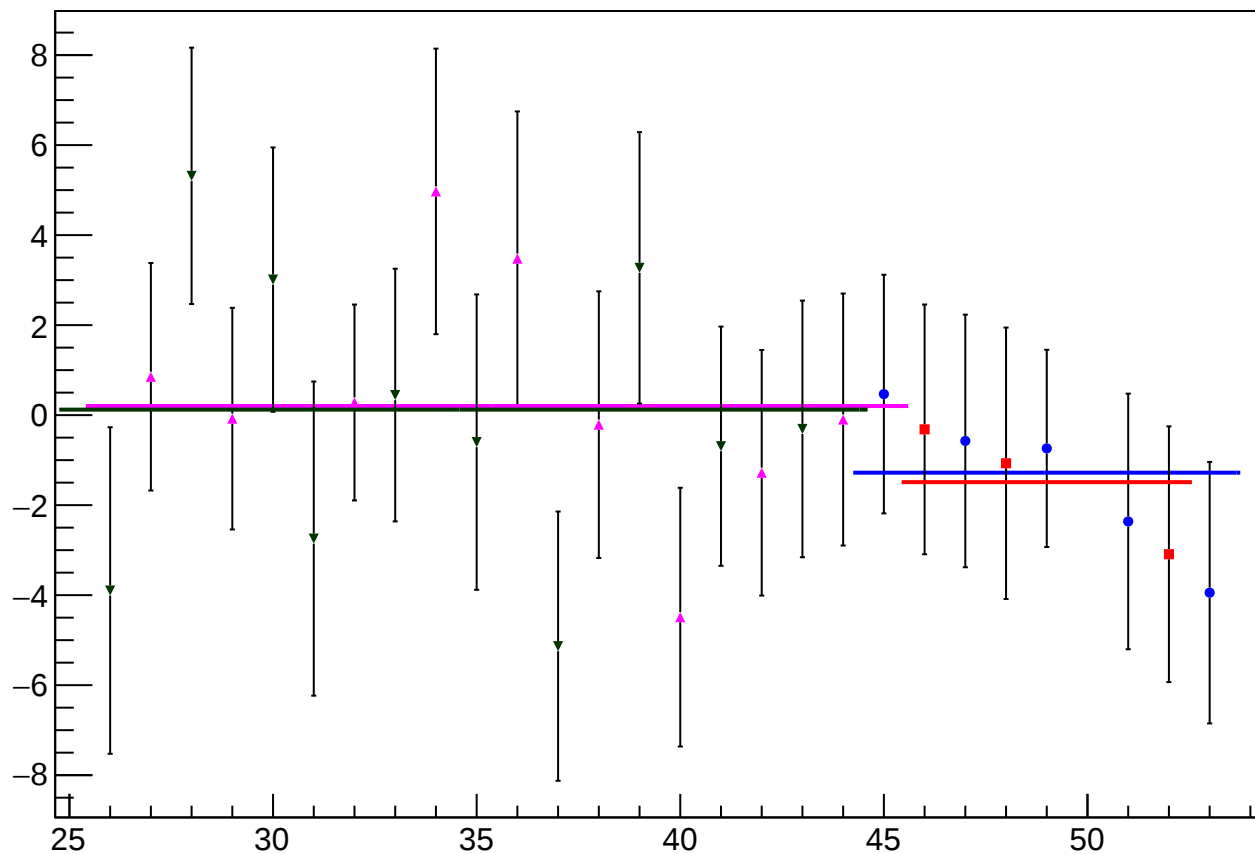
Right Out: 4947.735+/-2.971 χ^2/NDF : 50492.9/2

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

4565.845+/-1.148 χ^2/NDF : 361741.7/14

4442.550+/-1.197 χ^2/NDF : 179291.7/11

diff_bpm4acX_mean vs slug



Right In: -1.278+/-1.179 χ^2/NDF : 1.5/4

Left Out: 0.122+/-0.952 χ^2/NDF :10.6/9

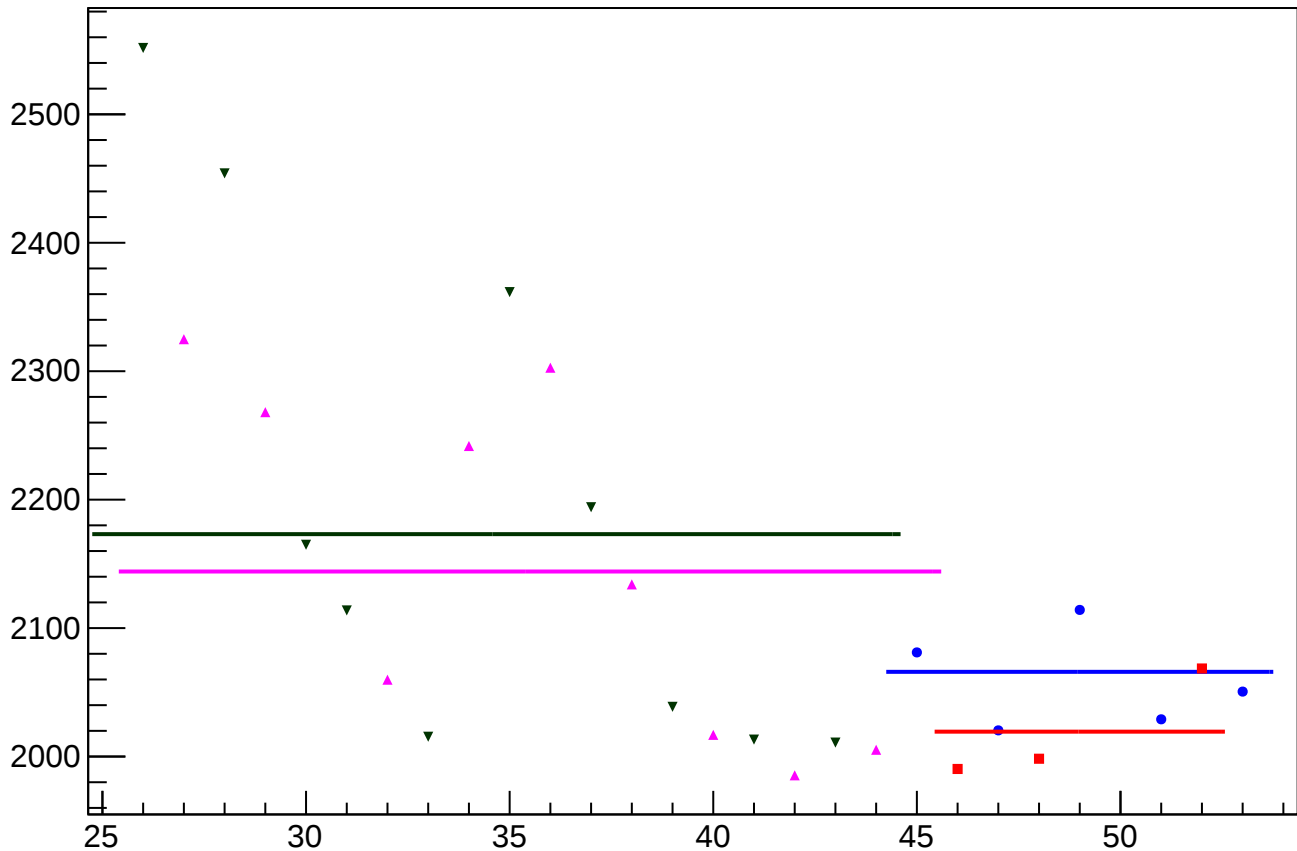
Right Out: -1.489+/-1.658 χ^2/NDF : 0.5/2

Left In: 0.202+/-0.904 χ^2/NDF :6.3/8

-0.431+/-0.741 χ^2/NDF : 13.0/14

-0.186+/-0.794 χ^2/NDF : 7.7/11

diff_bpm4acX_rms vs slug



Right In: 2065.950+/-0.833 χ^2/NDF : 1955.7/4

Left Out: 2173.150+/-0.673 χ^2/NDF : 72524.5/9

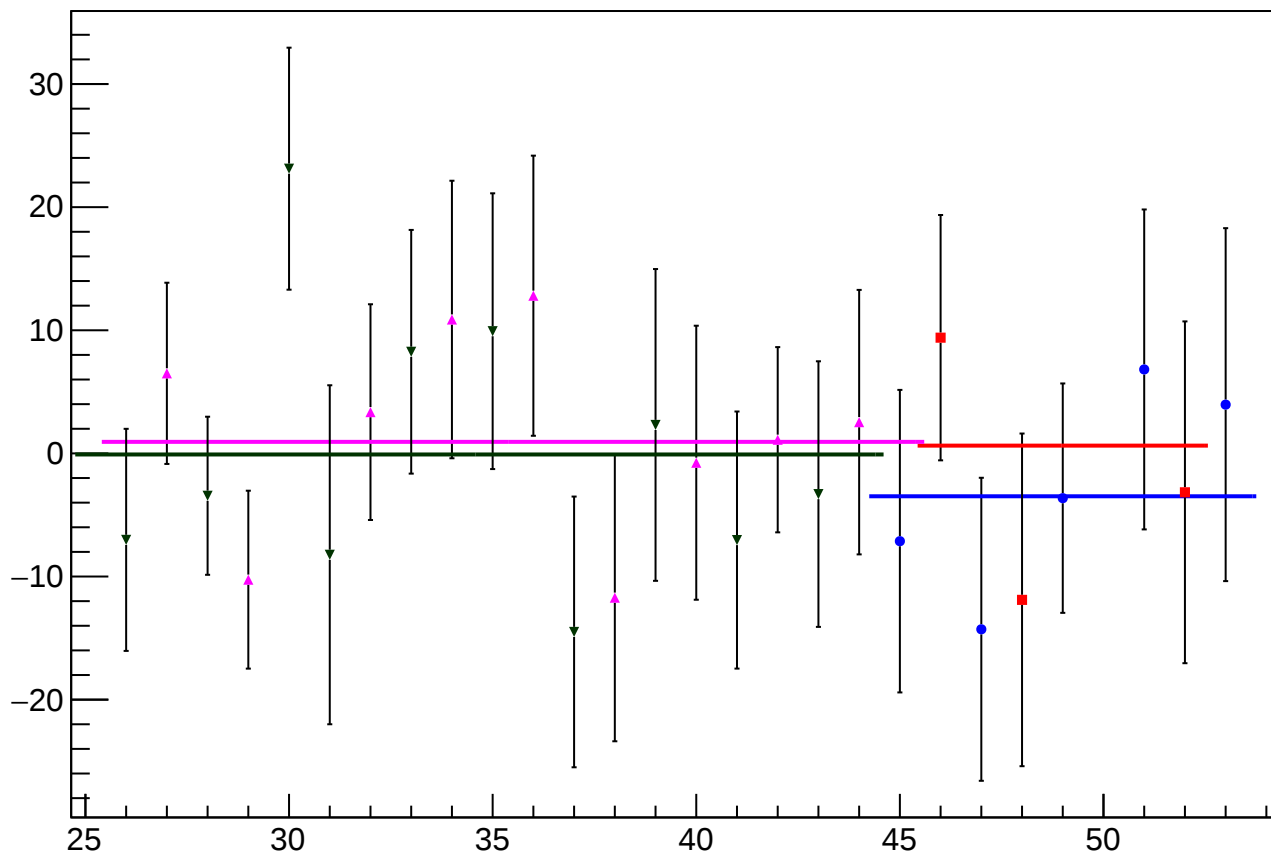
Right Out: 2019.375+/-1.172 χ^2/NDF : 916.1/2

Left In: 2144.060+/-0.640 χ^2/NDF : 40535.6/8

2130.817+/-0.524 χ^2/NDF : 84493.6/14

2115.466+/-0.561 χ^2/NDF : 50167.2/11

diff_bpm4acY_mean vs slug



Right In: -3.482 ± 5.304 χ^2/NDF : 1.8/4

Left Out: -0.087 ± 3.121 χ^2/NDF : 10.6/9

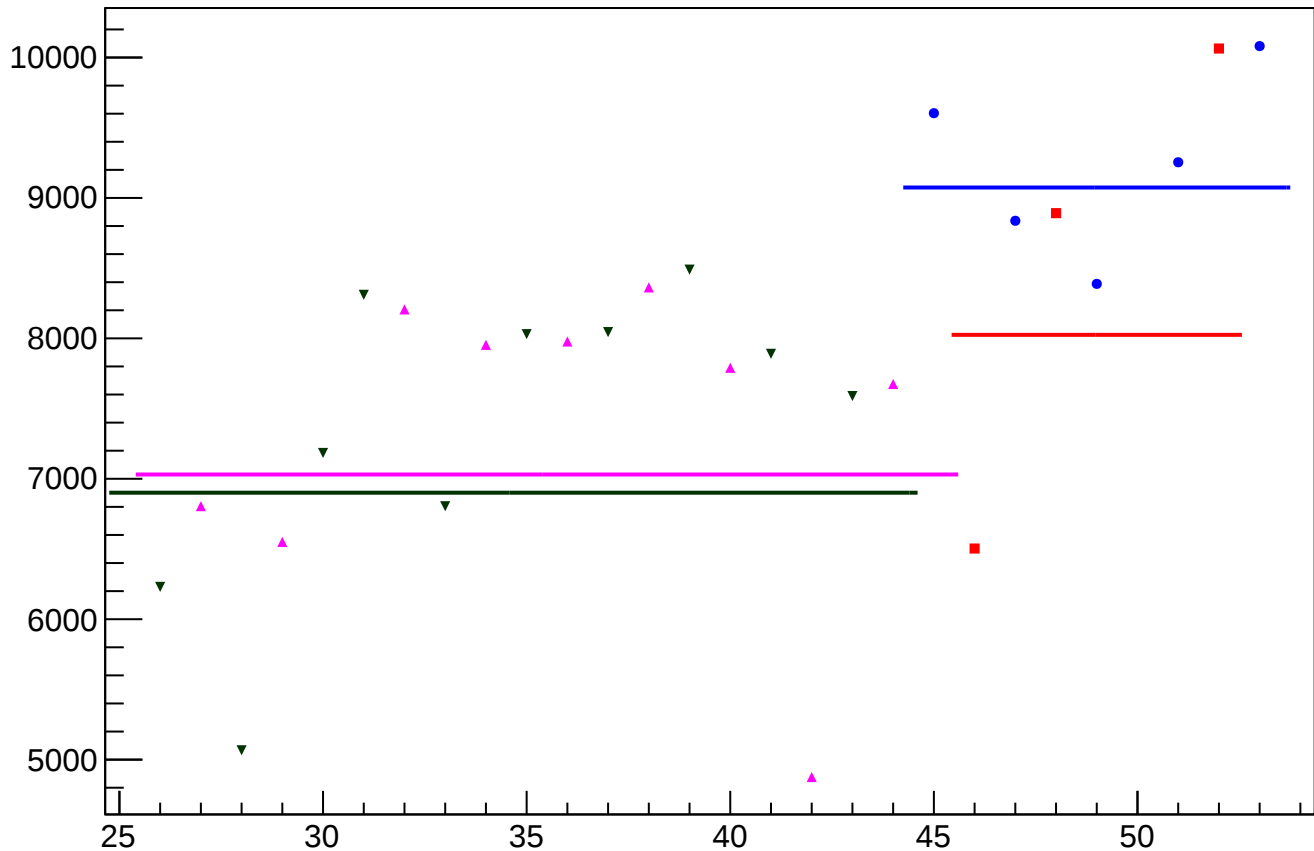
Right Out: 0.632 ± 6.943 χ^2/NDF : 1.7/2

Left In: 0.938 ± 3.043 χ^2/NDF : 6.1/8

-0.960 ± 2.690 χ^2/NDF : 12.7/14

0.889 ± 2.787 χ^2/NDF : 7.8/11

diff_bpm4acY_rms vs slug



Right In: 9074.386+/-3.751 χ^2/NDF : 25557.9/4

Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

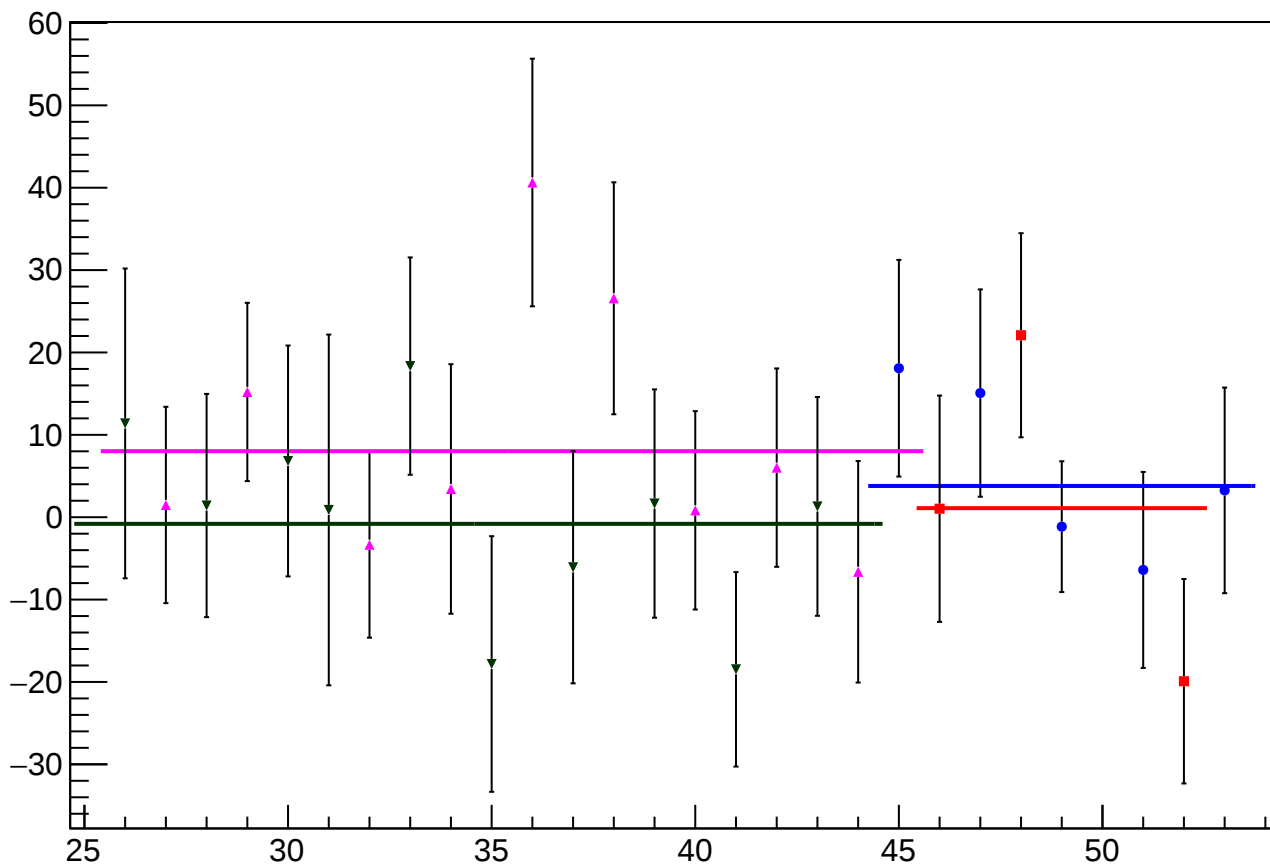
7459.952+/-1.902 χ^2/NDF : 571671.4/14

Right Out: 8025.113+/-4.910 χ^2/NDF : 98040.0/2

7190.784+/-1.971 χ^2/NDF : 413180.8/11

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: 3.794 ± 4.912 χ^2/NDF : 3.1/4

Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

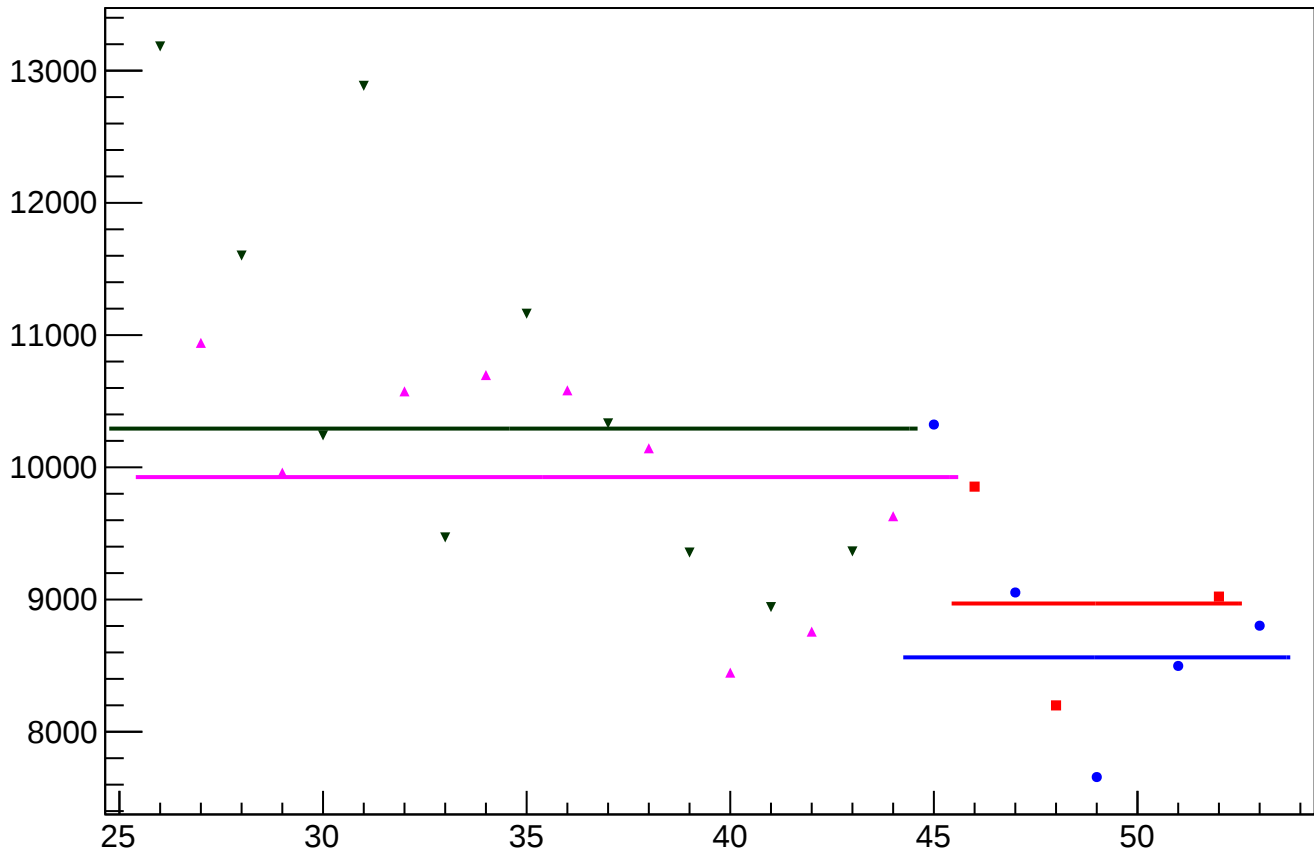
Right Out: 1.098 ± 7.391 χ^2/NDF : 5.7/2

Left In: 8.016 ± 4.204 χ^2/NDF : 9.9/8

1.312 ± 3.333 χ^2/NDF : 10.1/14

6.325 ± 3.654 χ^2/NDF : 16.3/11

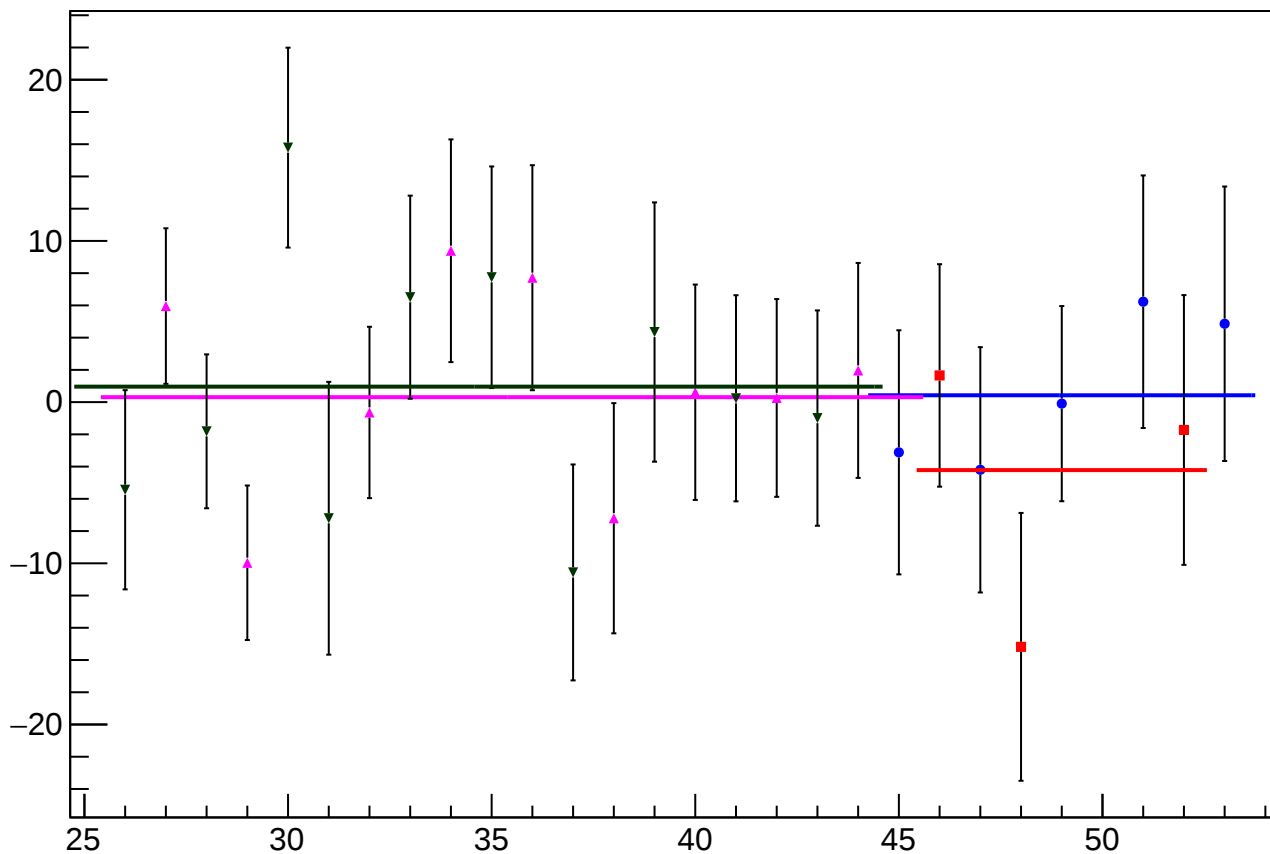
diff_bpm4ecX_rms vs slug



Right In: 8562.714+/-3.474 χ^2/NDF : 65682.1/4
 Left Out: 10292.914+/-3.209 χ^2/NDF : 154725.3/9
 Right Out: 8970.032+/-5.226 χ^2/NDF : 16050.6/2
 Left In: 9926.082+/-2.973 χ^2/NDF : 80597.6/8

9496.209+/-2.357 χ^2/NDF : 354271.6/14
 9692.388+/-2.584 χ^2/NDF : 121930.2/11

diff_bpm4ecY_mean vs slug



Right In: 0.425 $\pm$ 3.295 χ^2 /NDF: 1.4/4

Left Out: 0.960 $\pm$ 2.037 χ^2 /NDF:13.0/9

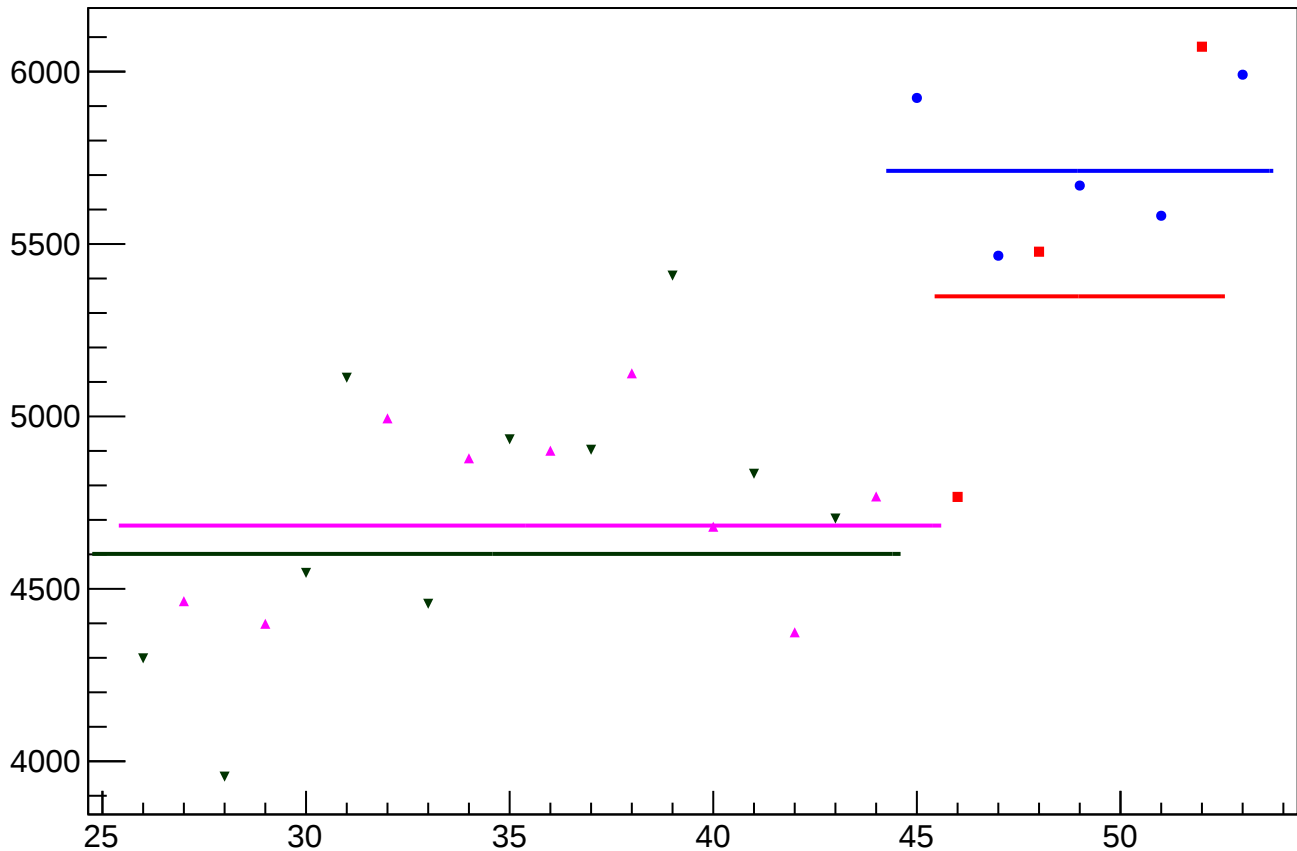
Right Out: -4.218 $\pm$ 4.483 χ^2 /NDF: 2.6/2

Left In: 0.307 $\pm$ 1.982 χ^2 /NDF:10.0/8

0.812 $\pm$ 1.733 χ^2 /NDF: 14.5/14

-0.433 $\pm$ 1.813 χ^2 /NDF: 13.4/11

diff_bpm4ecY_rms vs slug



Right In: 5712.168+/-2.330 χ^2/NDF : 6449.3/4

Left Out: 4601.382+/-1.440 χ^2/NDF :81907.0/9

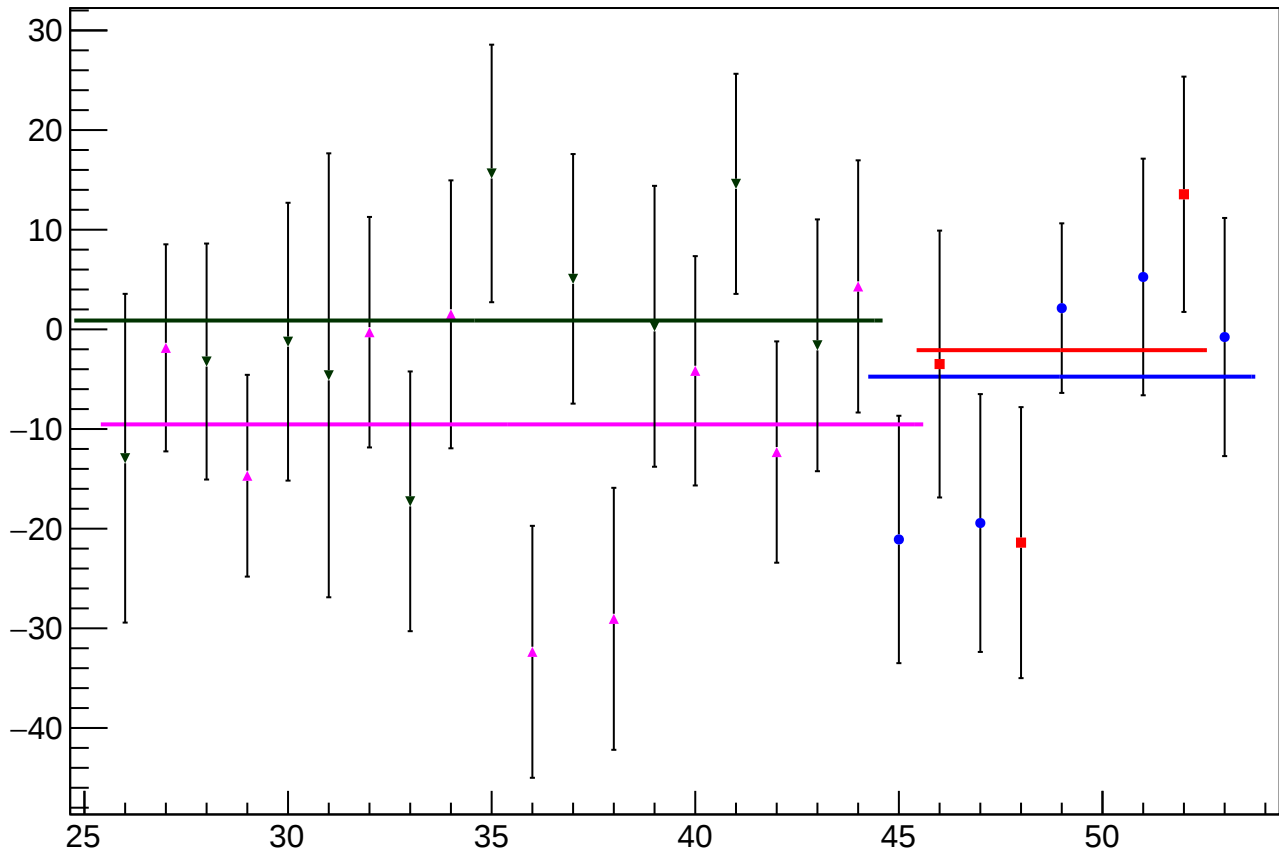
4908.444+/-1.225 χ^2/NDF : 252773.2/14

Right Out: 5348.285+/-3.170 χ^2/NDF : 29657.3/2

4792.286+/-1.282 χ^2/NDF : 101062.5/11

Left In: 4683.549+/-1.402 χ^2/NDF :34623.2/8

diff_bpm1X_mean vs slug



Right In: -4.744 ± 4.977 $\chi^2/\text{NDF}: 4.5/4$

Left Out: 0.888 ± 4.236 $\chi^2/\text{NDF}: 5.8/9$

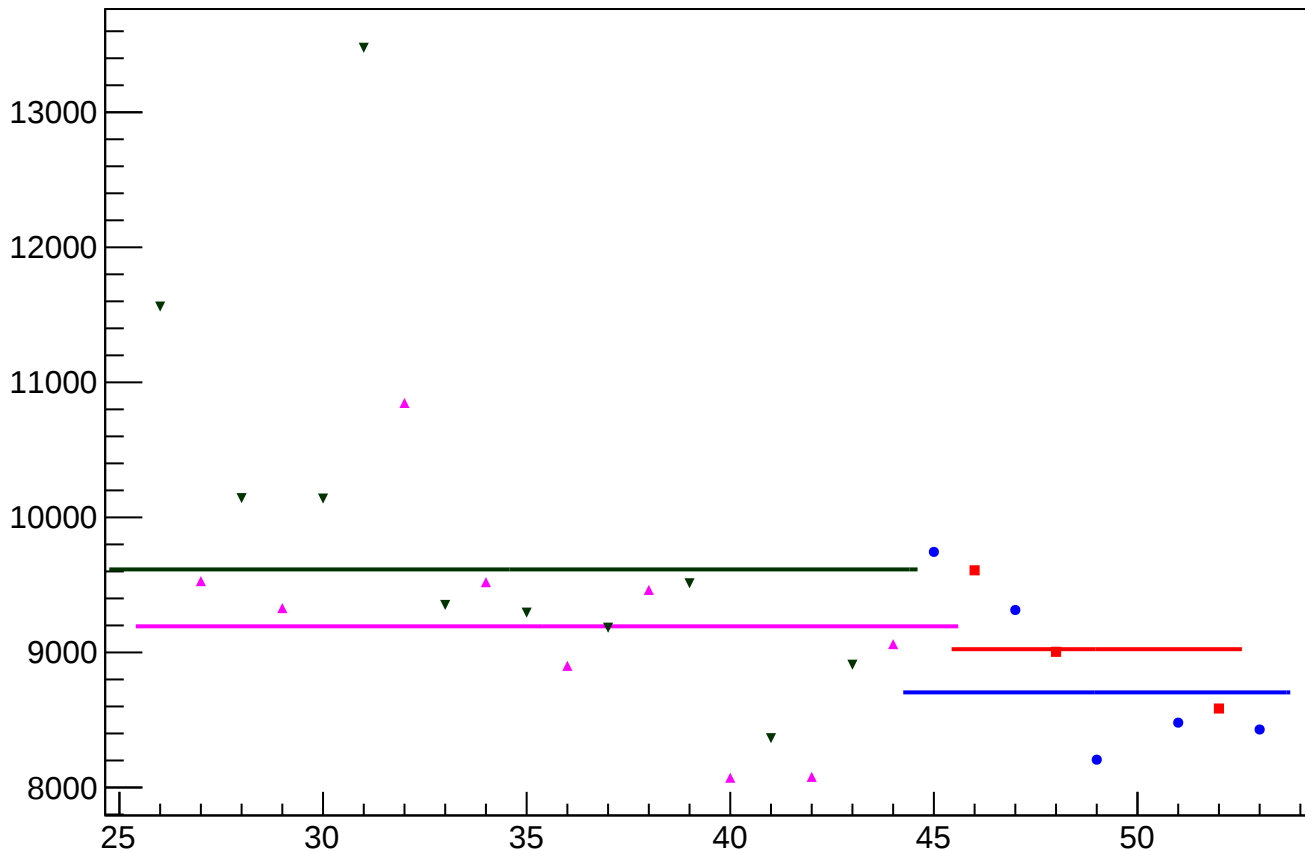
Right Out: -2.087 ± 7.421 $\chi^2/\text{NDF}: 3.8/2$

Left In: -9.535 ± 3.893 $\chi^2/\text{NDF}: 9.1/8$

-1.479 ± 3.226 $\chi^2/\text{NDF}: 11.1/14$

-7.927 ± 3.447 $\chi^2/\text{NDF}: 13.6/11$

diff_bpm1X_rms vs slug



Right In: 8704.170+/-3.519 χ^2/NDF : 27124.3/4

Left Out: 9614.809+/-2.996 χ^2/NDF :131171.7/9

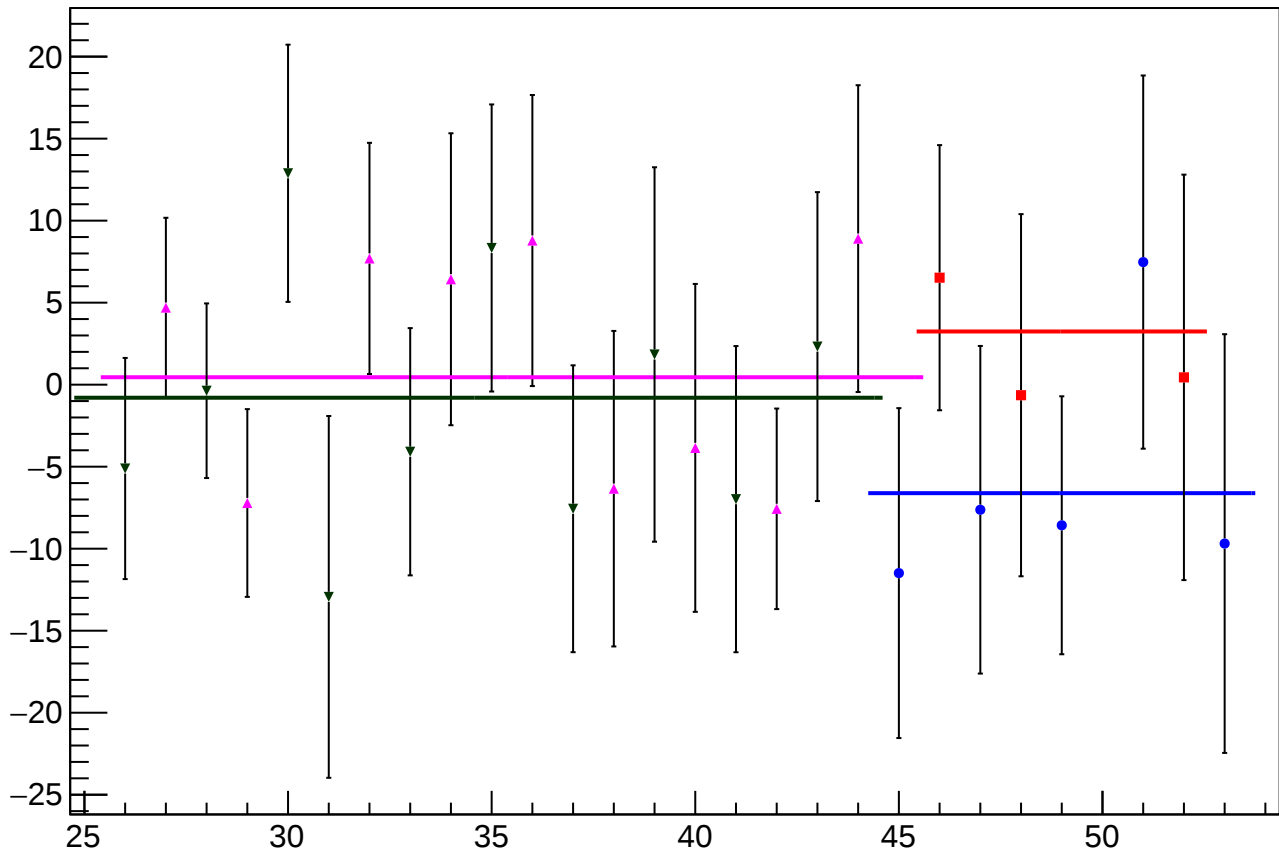
Right Out: 9024.126+/-5.247 χ^2/NDF : 6580.5/2

Left In: 9193.398+/-2.753 χ^2/NDF :85779.5/8

9232.186+/-2.281 χ^2/NDF : 197124.4/14

9156.864+/-2.438 χ^2/NDF : 93176.1/11

diff_bpm1Y_mean vs slug



Right In: -6.614 ± 4.474 χ^2/NDF : 1.9/4

Left Out: -0.796 ± 2.532 χ^2/NDF : 7.2/9

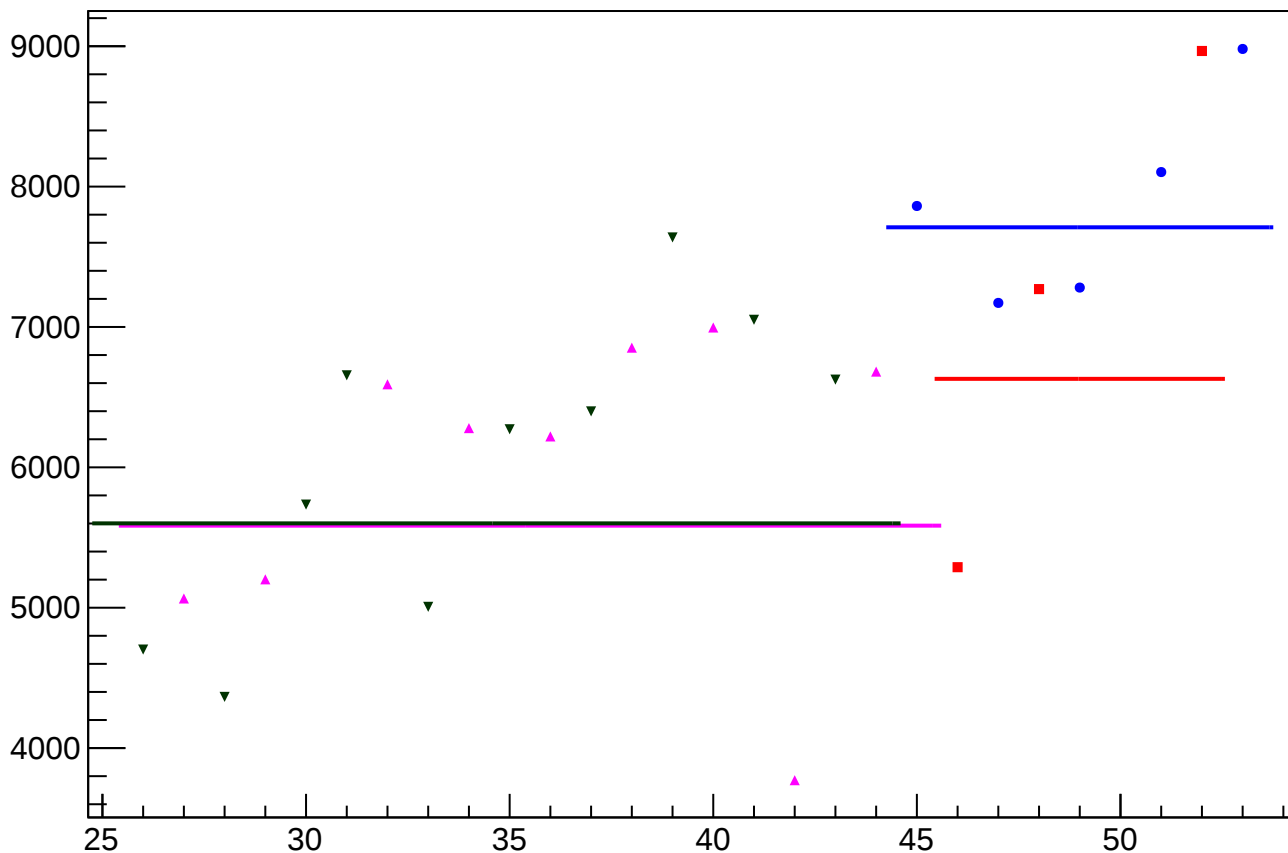
Right Out: 3.243 ± 5.768 χ^2/NDF : 0.3/2

Left In: 0.453 ± 2.437 χ^2/NDF : 8.0/8

-2.208 ± 2.204 χ^2/NDF : 10.3/14

0.876 ± 2.245 χ^2/NDF : 8.5/11

diff_bpm1Y_rms vs slug



Right In: 7709.987+/-3.164 χ^2/NDF : 34448.1/4

Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

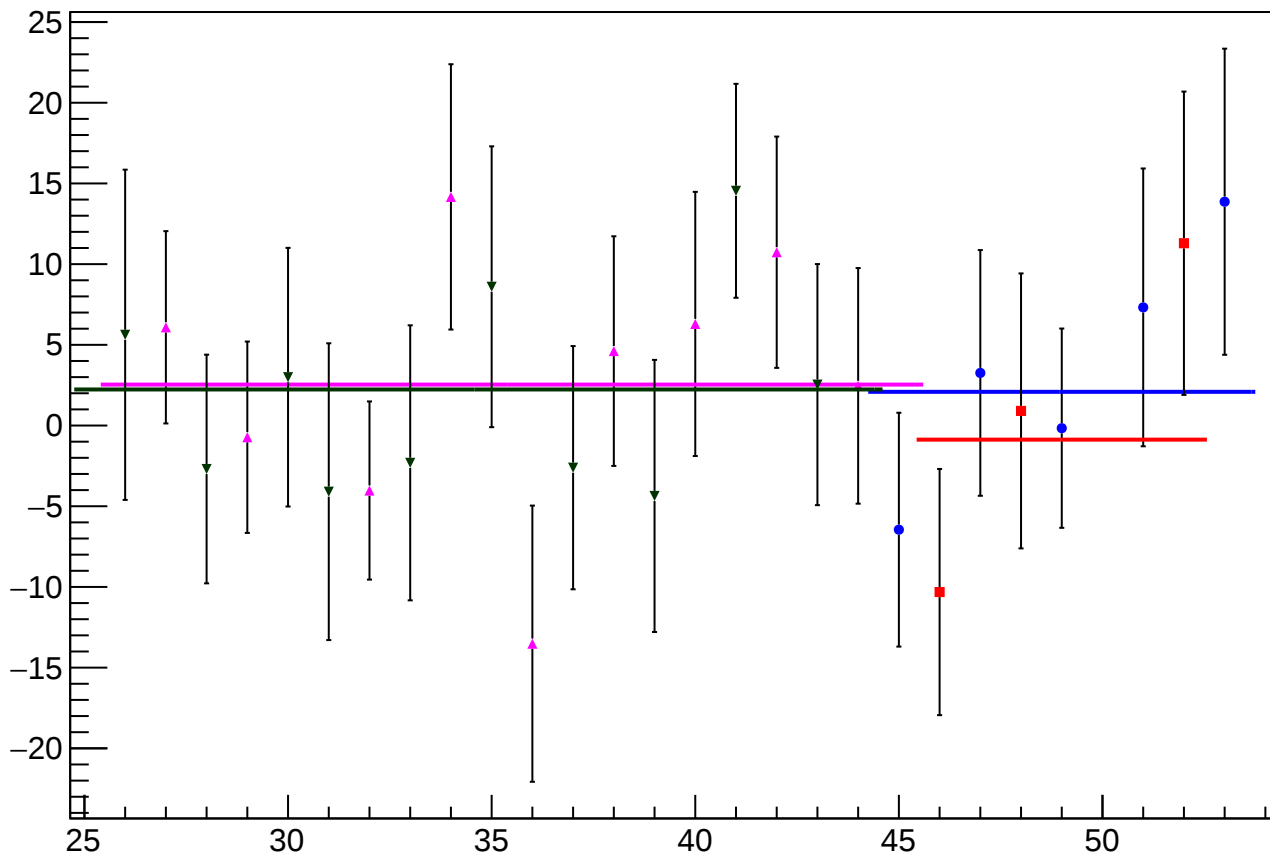
Right Out: 6630.425+/-4.079 χ^2/NDF : 133236.2/2

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

6112.574+/-1.558 χ^2/NDF : 709740.2/14

5743.112+/-1.588 χ^2/NDF : 557309.9/11

diff_bpm11X_mean vs slug



Right In: 2.089 ± 3.387 χ^2/NDF : 3.5/4

Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

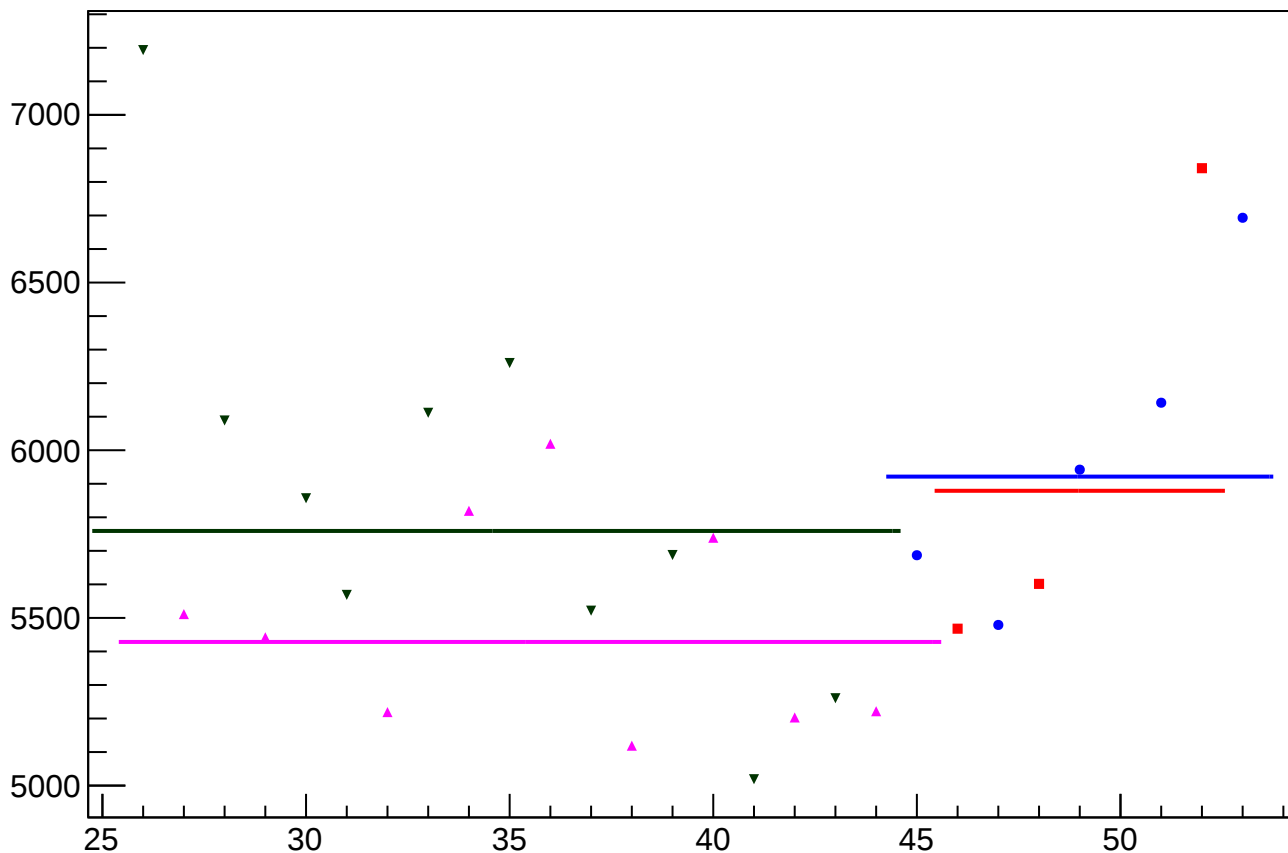
Right Out: -0.874 ± 4.862 χ^2/NDF : 3.3/2

Left In: 2.537 ± 2.289 χ^2/NDF : 9.2/8

2.182 ± 2.027 χ^2/NDF : 9.8/14

1.918 ± 2.071 χ^2/NDF : 12.9/11

diff_bpm11X_rms vs slug



Right In: 5921.377 ± 2.395 $\chi^2/\text{NDF}: 23428.3/4$

Left Out: 5759.309 ± 1.789 $\chi^2/\text{NDF}: 90824.6/9$

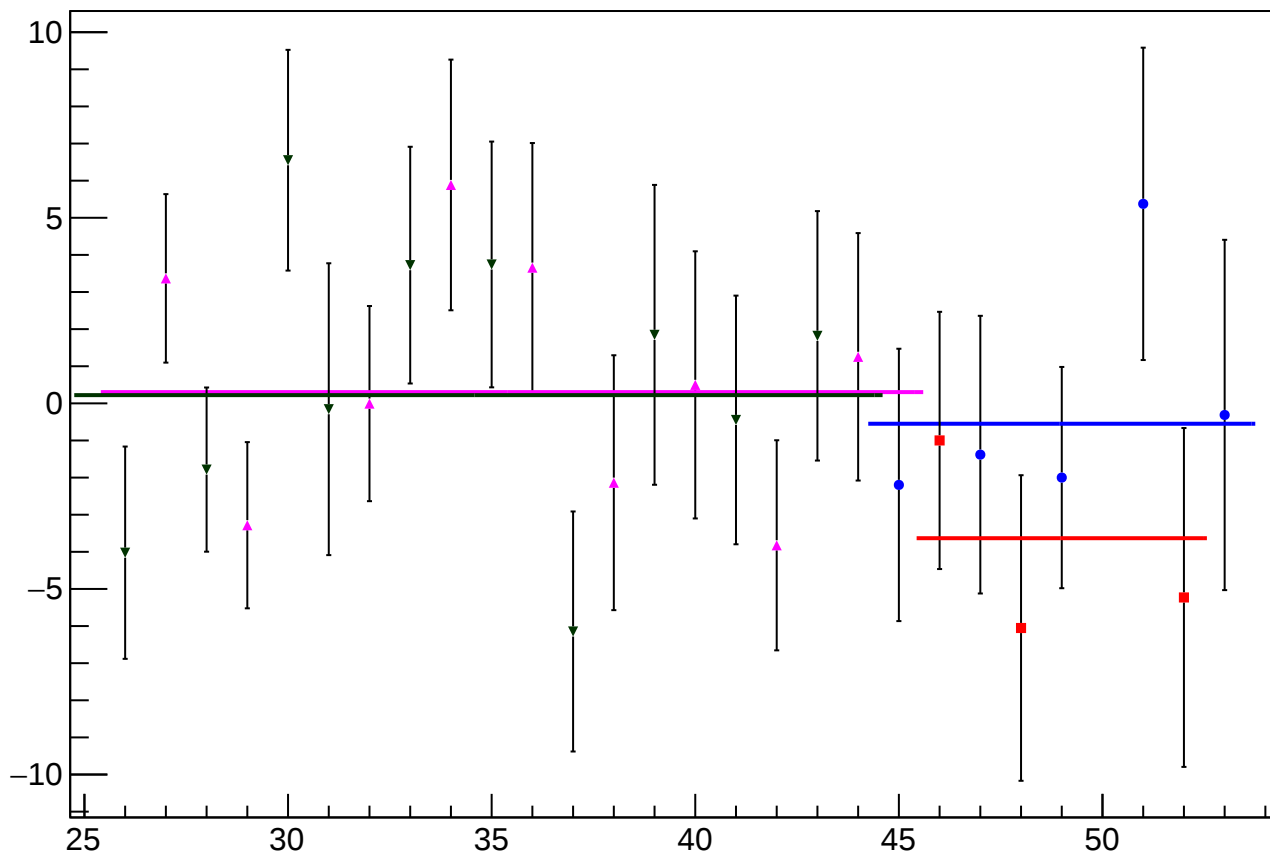
Right Out: 5879.064 ± 3.438 $\chi^2/\text{NDF}: 28895.1/2$

Left In: 5428.343 ± 1.619 $\chi^2/\text{NDF}: 27583.1/8$

5817.345 ± 1.433 $\chi^2/\text{NDF}: 117192.0/14$

5510.111 ± 1.464 $\chi^2/\text{NDF}: 70545.1/11$

diff_bpm11Y_mean vs slug



Right In: -0.549 ± 1.667 χ^2/NDF : 2.5/4

Left Out: 0.222 ± 0.986 χ^2/NDF : 14.2/9

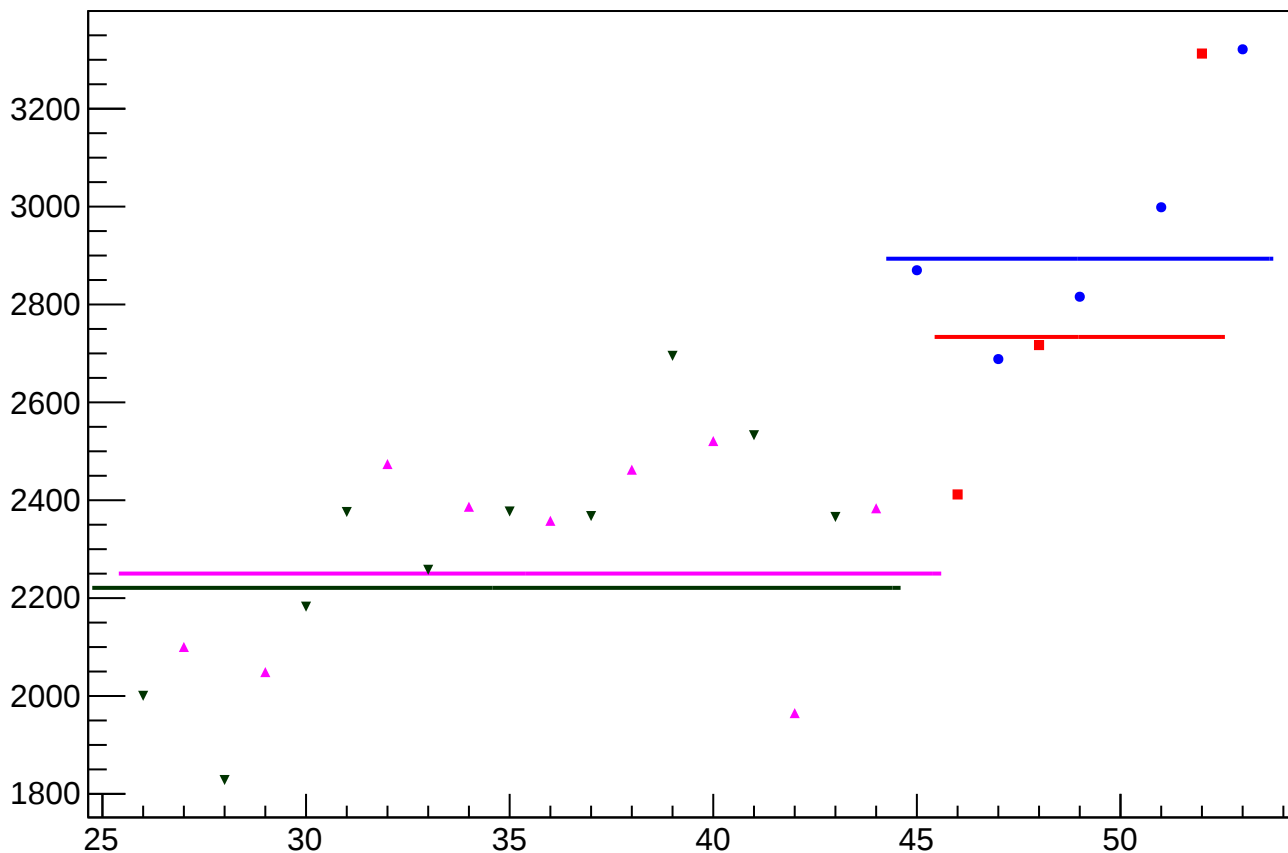
Right Out: -3.633 ± 2.293 χ^2/NDF : 1.0/2

Left In: 0.303 ± 0.957 χ^2/NDF : 10.8/8

0.022 ± 0.849 χ^2/NDF : 16.8/14

-0.281 ± 0.883 χ^2/NDF : 14.4/11

diff_bpm11Y_rms vs slug



Right In: 2893.533+/-1.179 χ^2/NDF : 25145.7/4

Left Out: 2220.975+/-0.697 χ^2/NDF :135802.0/9

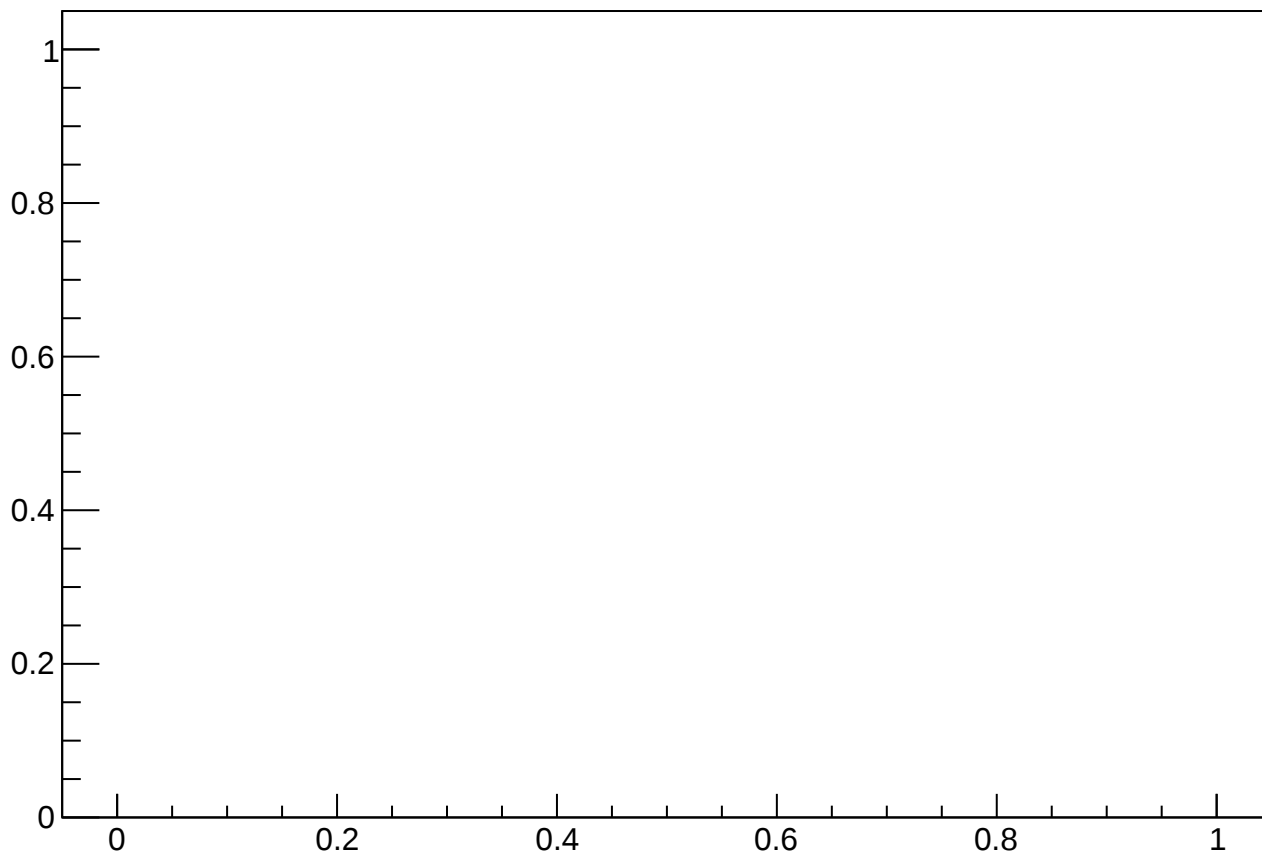
Right Out: 2733.695+/-1.621 χ^2/NDF : 49463.2/2

Left In: 2250.180+/-0.677 χ^2/NDF :87194.0/8

2395.227+/-0.600 χ^2/NDF : 402049.3/14

2321.955+/-0.625 χ^2/NDF : 212417.4/11

diff_bpm14X_mean vs slug



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

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

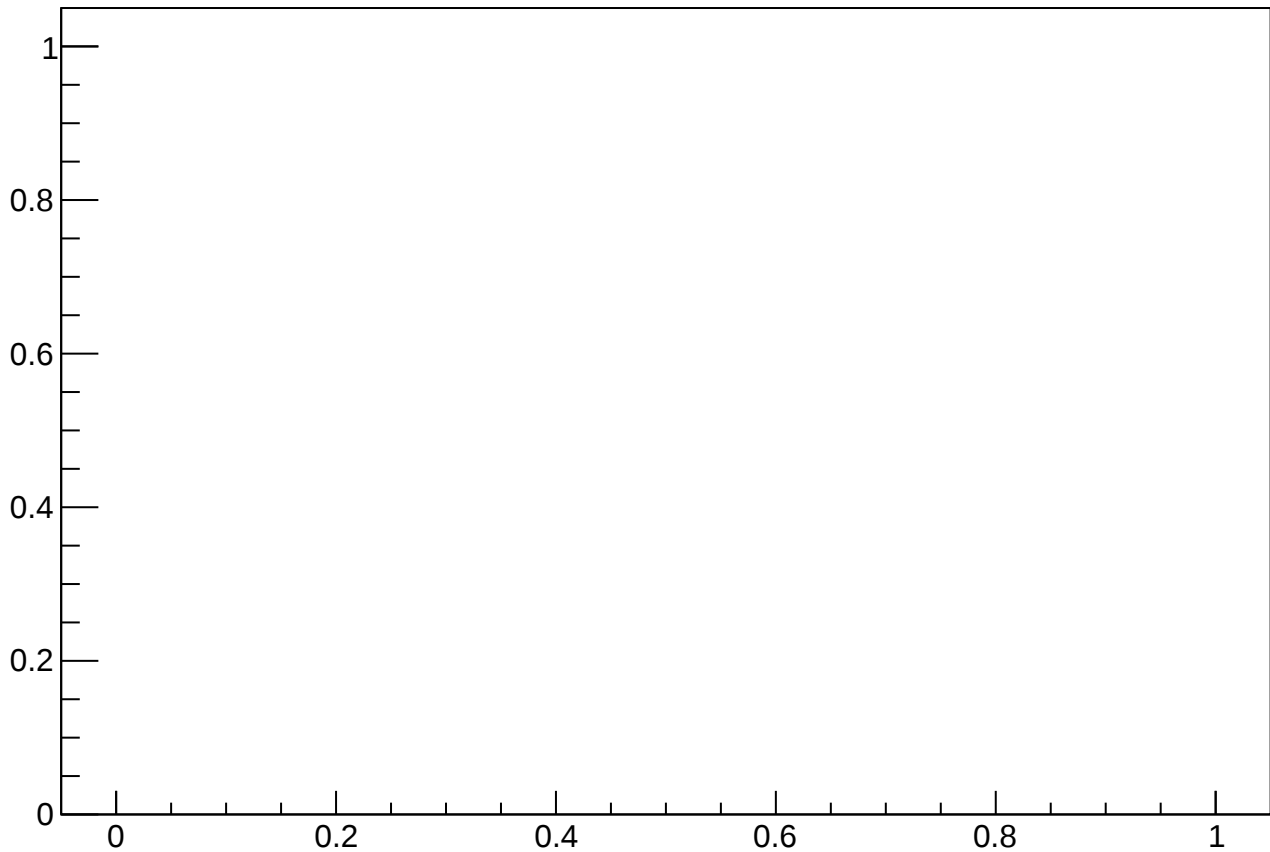
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

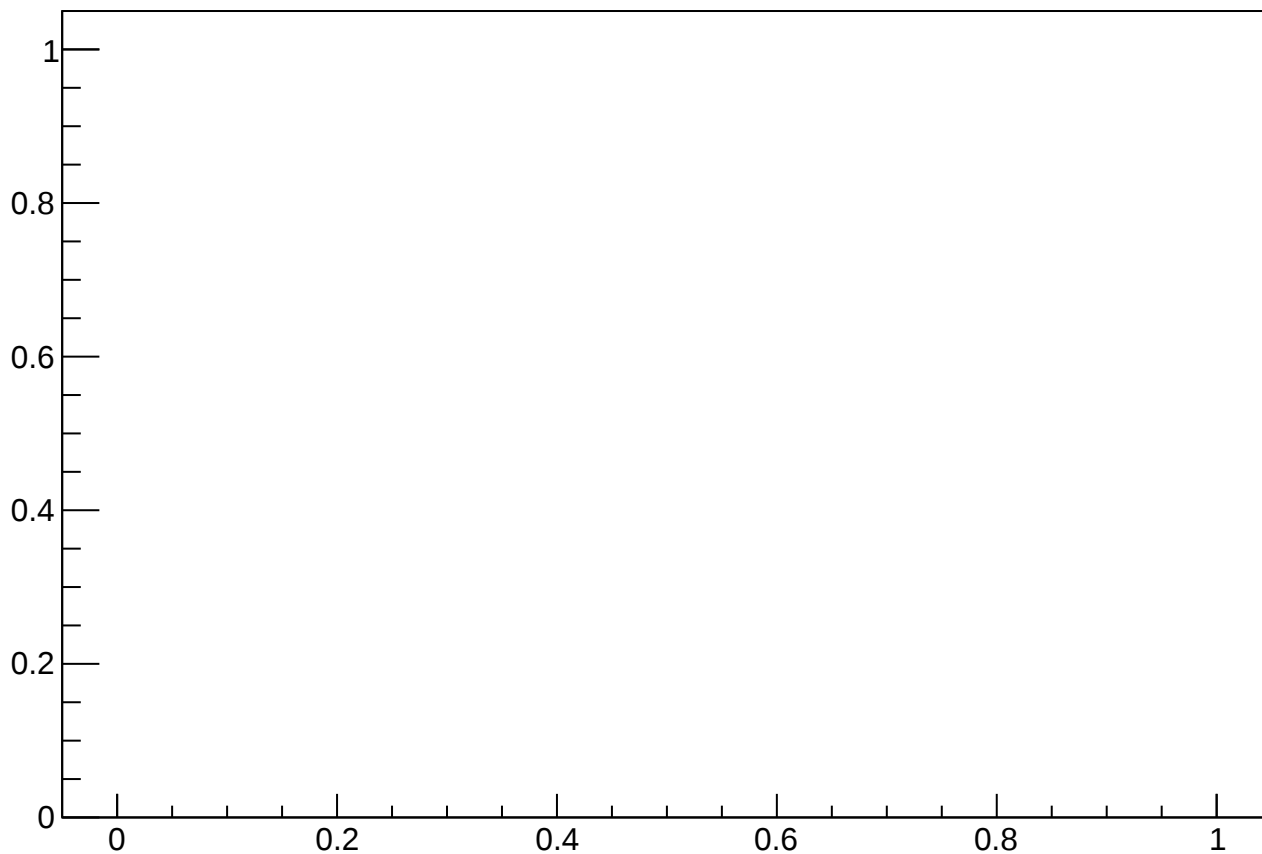
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

diff_bpm14Y_mean vs slug



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

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

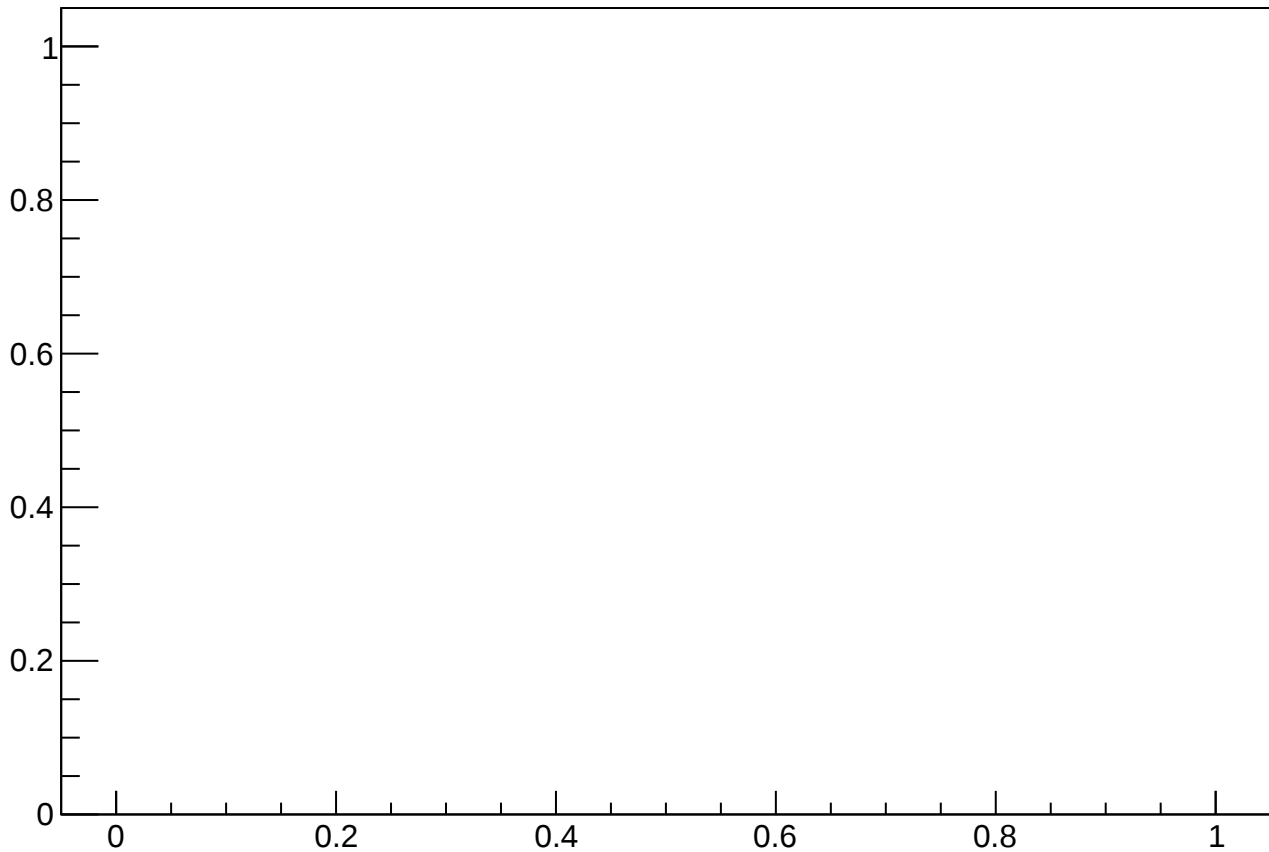
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_rms vs slug



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

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

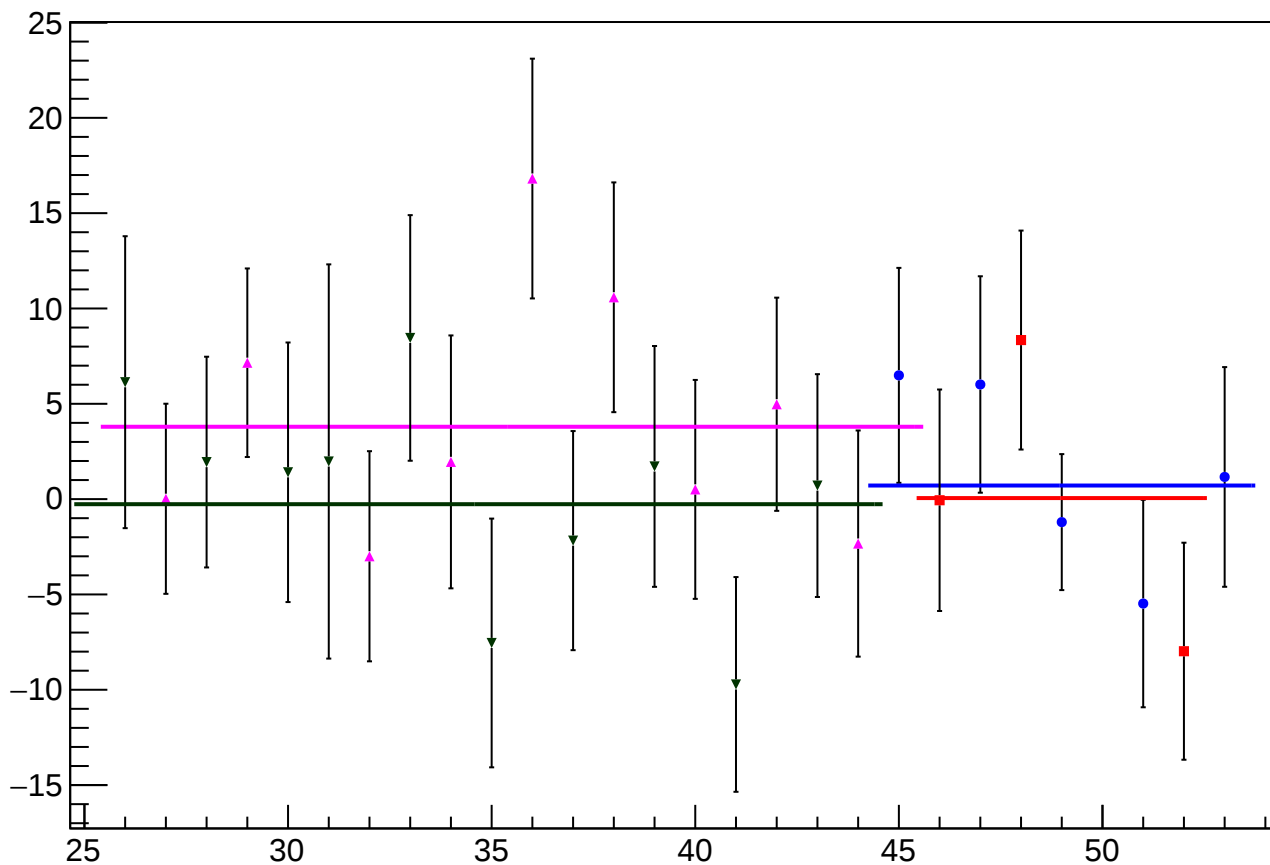
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 0.713 ± 2.208 $\chi^2/\text{NDF}: 3.5/4$

Left Out: -0.266 ± 2.022 $\chi^2/\text{NDF}: 7.1/9$

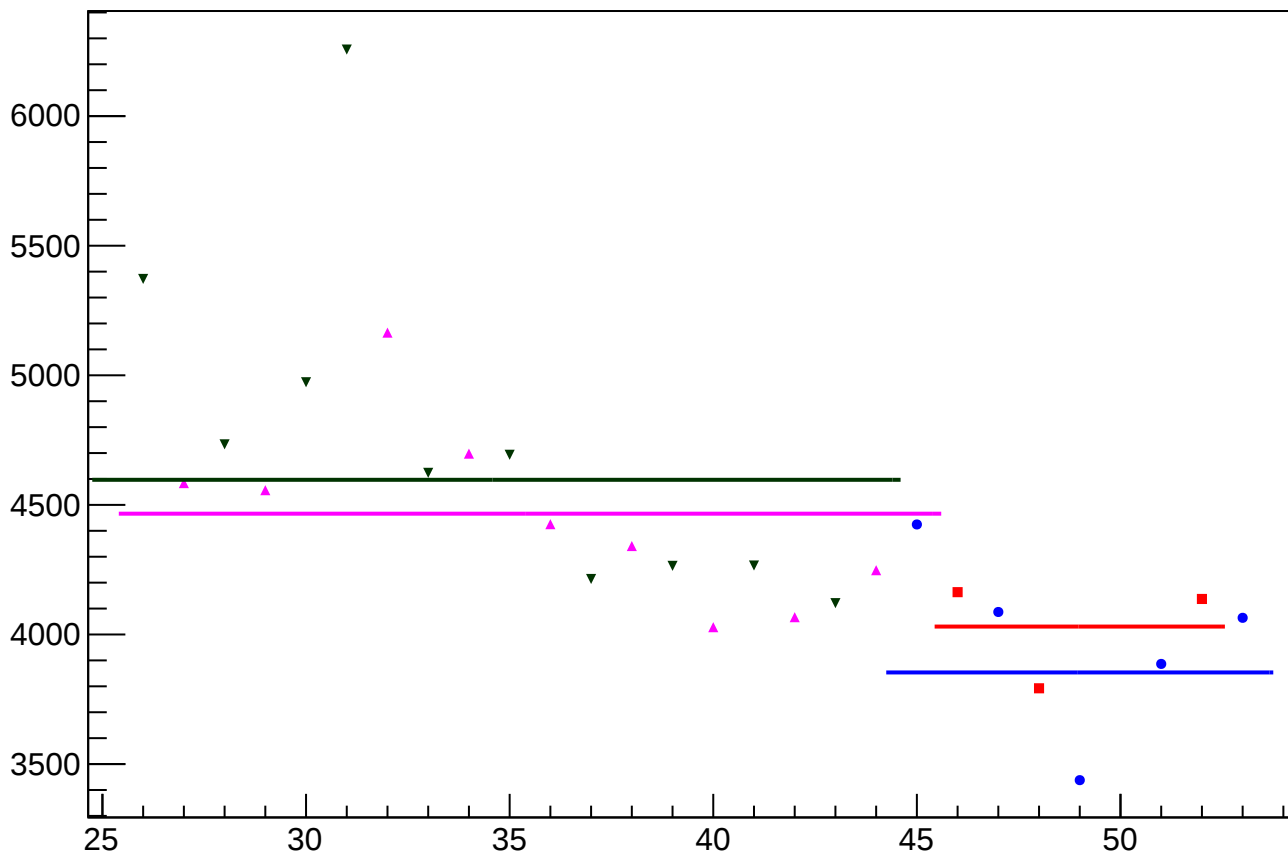
Right Out: 0.055 ± 3.318 $\chi^2/\text{NDF}: 4.1/2$

Left In: 3.796 ± 1.889 $\chi^2/\text{NDF}: 9.6/8$

0.180 ± 1.492 $\chi^2/\text{NDF}: 10.7/14$

2.880 ± 1.641 $\chi^2/\text{NDF}: 14.7/11$

diff_bpm16X_rms vs slug



Right In: 3853.532+/-1.562 χ^2/NDF : 53800.8/4

Left Out: 4596.789+/-1.430 χ^2/NDF :114406.0/9

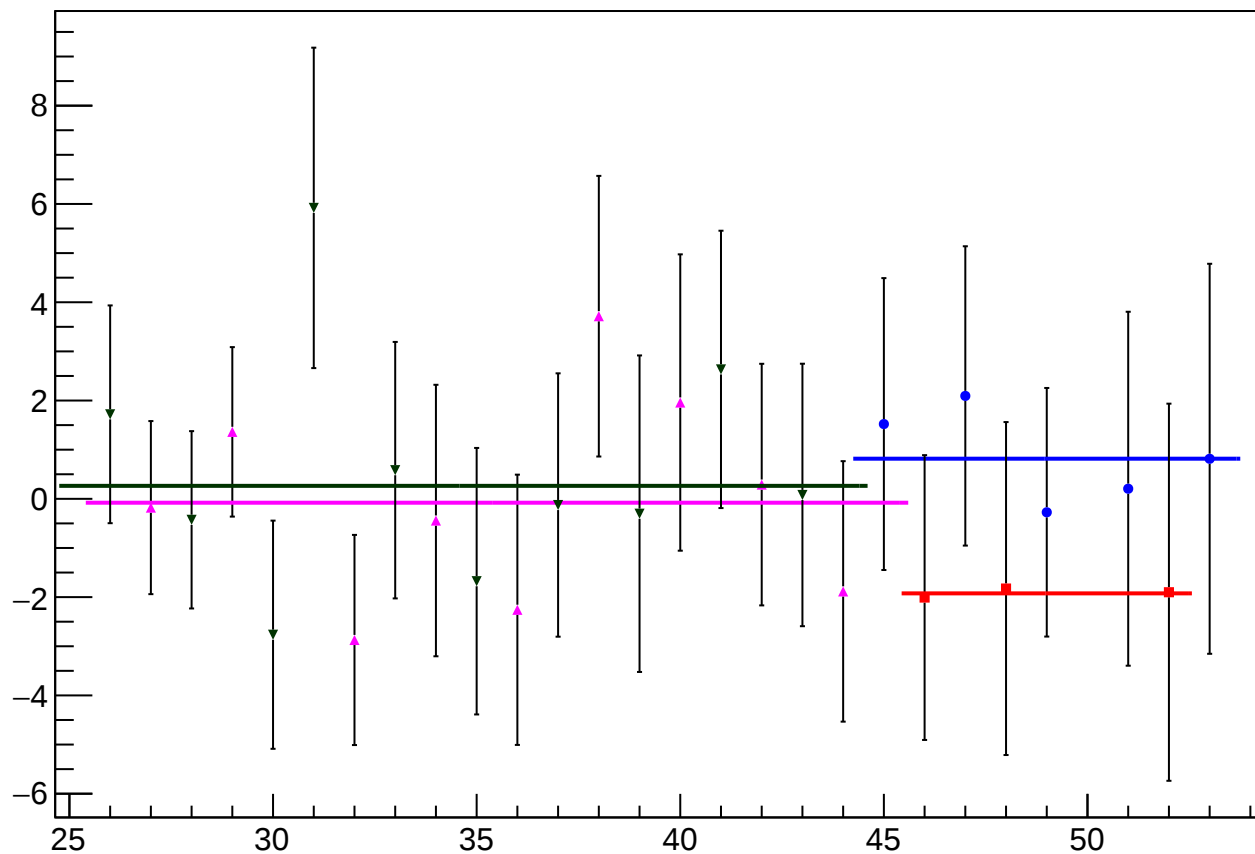
Right Out: 4030.550+/-2.346 χ^2/NDF : 5184.9/2

Left In: 4466.082+/-1.336 χ^2/NDF :61839.9/8

4257.772+/-1.055 χ^2/NDF : 291408.0/14

4359.497+/-1.161 χ^2/NDF : 93050.2/11

diff_bpm16Y_mean vs slug



Right In: 0.817 ± 1.389 χ^2/NDF : 0.4/4

Left Out: 0.264 ± 0.797 χ^2/NDF : 6.6/9

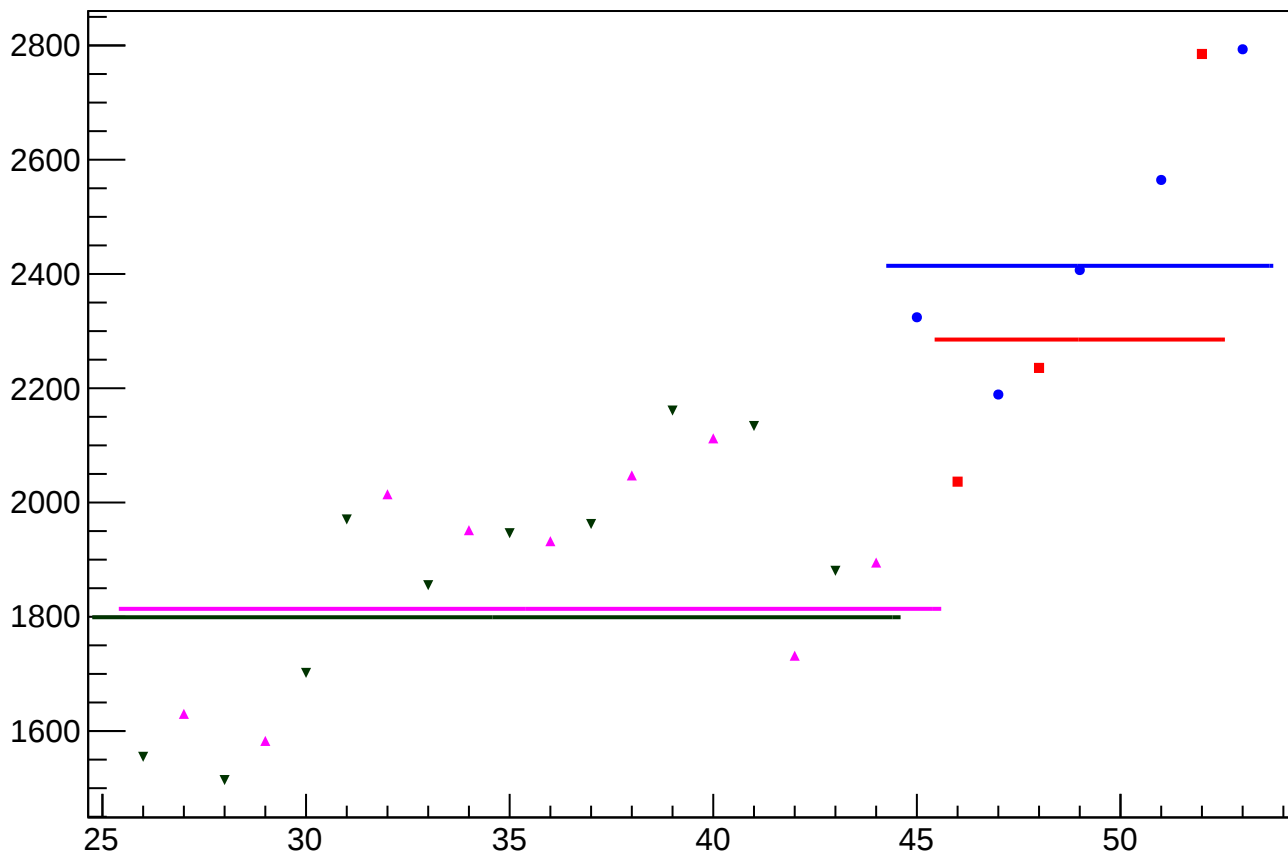
Right Out: -1.924 ± 1.910 χ^2/NDF : 0.0/2

Left In: -0.079 ± 0.771 χ^2/NDF : 5.8/8

0.401 ± 0.691 χ^2/NDF : 7.1/14

-0.338 ± 0.715 χ^2/NDF : 6.6/11

diff_bpm16Y_rms vs slug



Right In: 2414.297+/-0.982 χ^2/NDF : 34533.9/4

Left Out: 1799.198+/-0.563 χ^2/NDF :152718.9/9

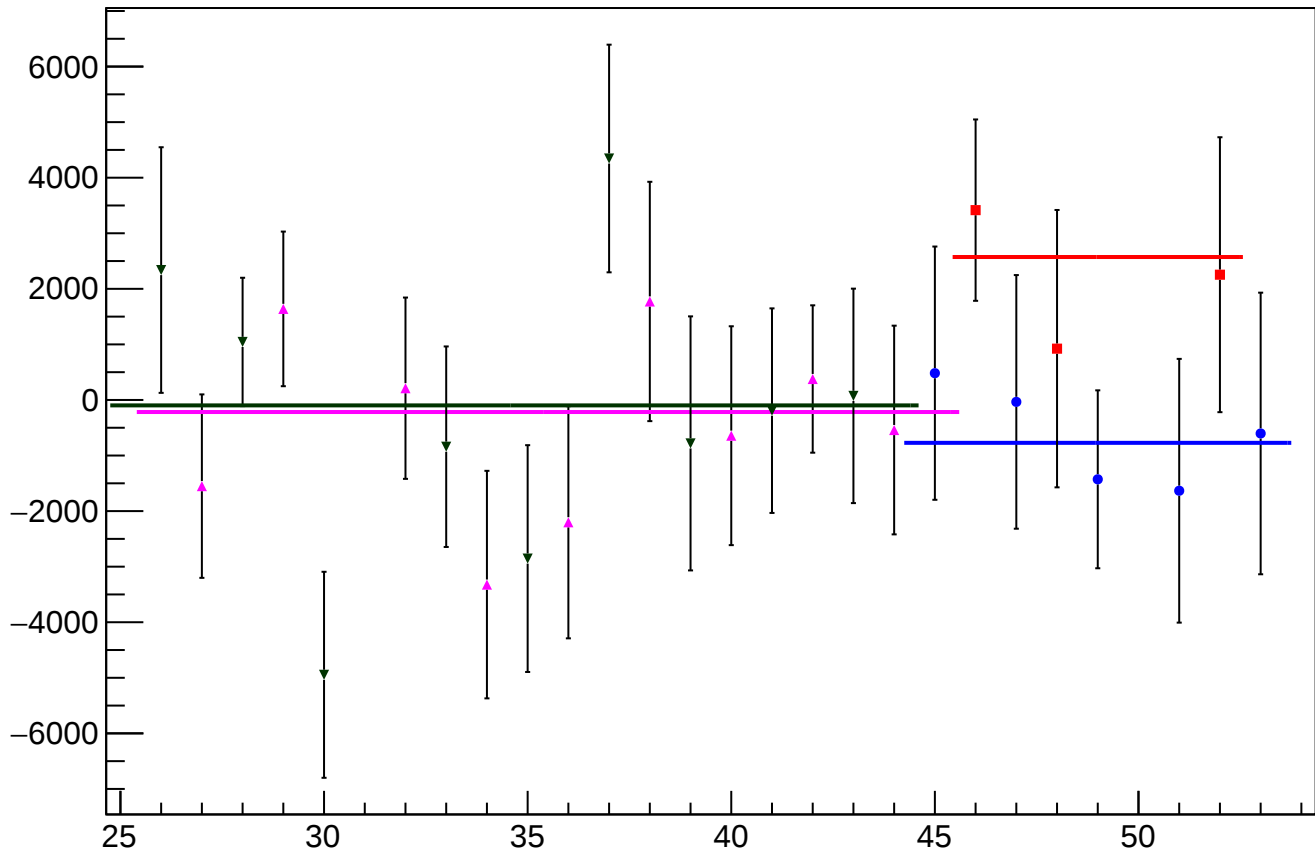
Right Out: 2285.236+/-1.350 χ^2/NDF : 49110.7/2

Left In: 1813.912+/-0.545 χ^2/NDF :121077.4/8

1951.468+/-0.489 χ^2/NDF : 482288.2/14

1879.988+/-0.506 χ^2/NDF : 274926.9/11

asym_sam1_mean vs slug



Right In: -771.503+/-950.043 χ^2/NDF : 0.7/4

Left Out: -97.646+/-599.085 χ^2/NDF :15.8/8

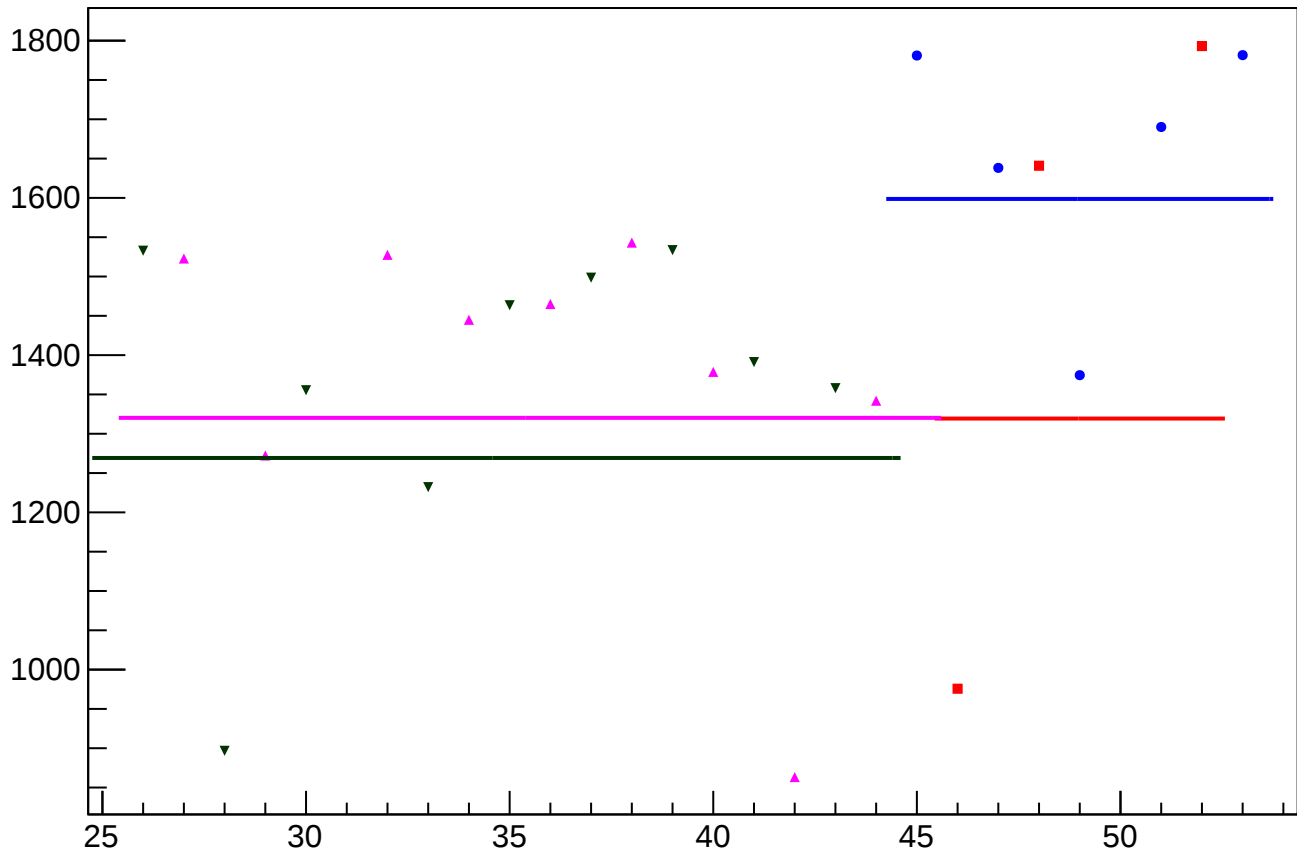
-289.364+/-506.747 χ^2/NDF : 16.9/13

Right Out: 2572.617+/-1195.706 χ^2/NDF : 0.7/2

303.037+/-516.259 χ^2/NDF : 12.0/11

Left In: -216.993+/-572.356 χ^2/NDF :6.8/8

asym_sam1_rms vs slug



Right In: 1598.682 ± 0.672 χ^2/NDF : 66010.1/4

Left Out: 1269.198 ± 0.424 χ^2/NDF : 324708.5/8

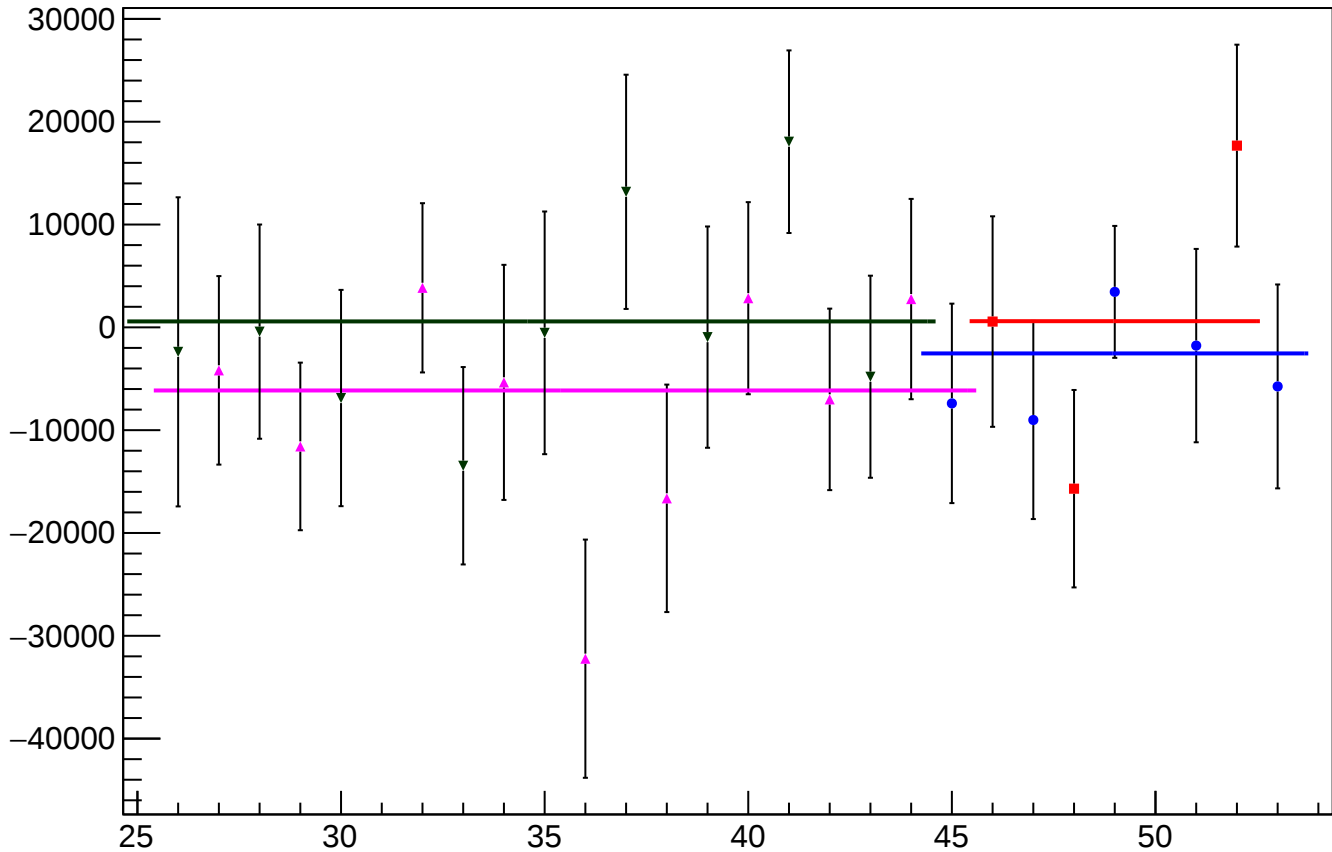
Right Out: 1319.329 ± 0.845 χ^2/NDF : 195269.8/2

Left In: 1320.225 ± 0.405 χ^2/NDF : 342760.5/8

1362.939 ± 0.358 χ^2/NDF : 562832.9/13

1320.058 ± 0.365 χ^2/NDF : 538031.3/11

asym_sam2_mean vs slug



Right In: -2535.788+/-3858.436 χ^2/NDF : 1.7/4

Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

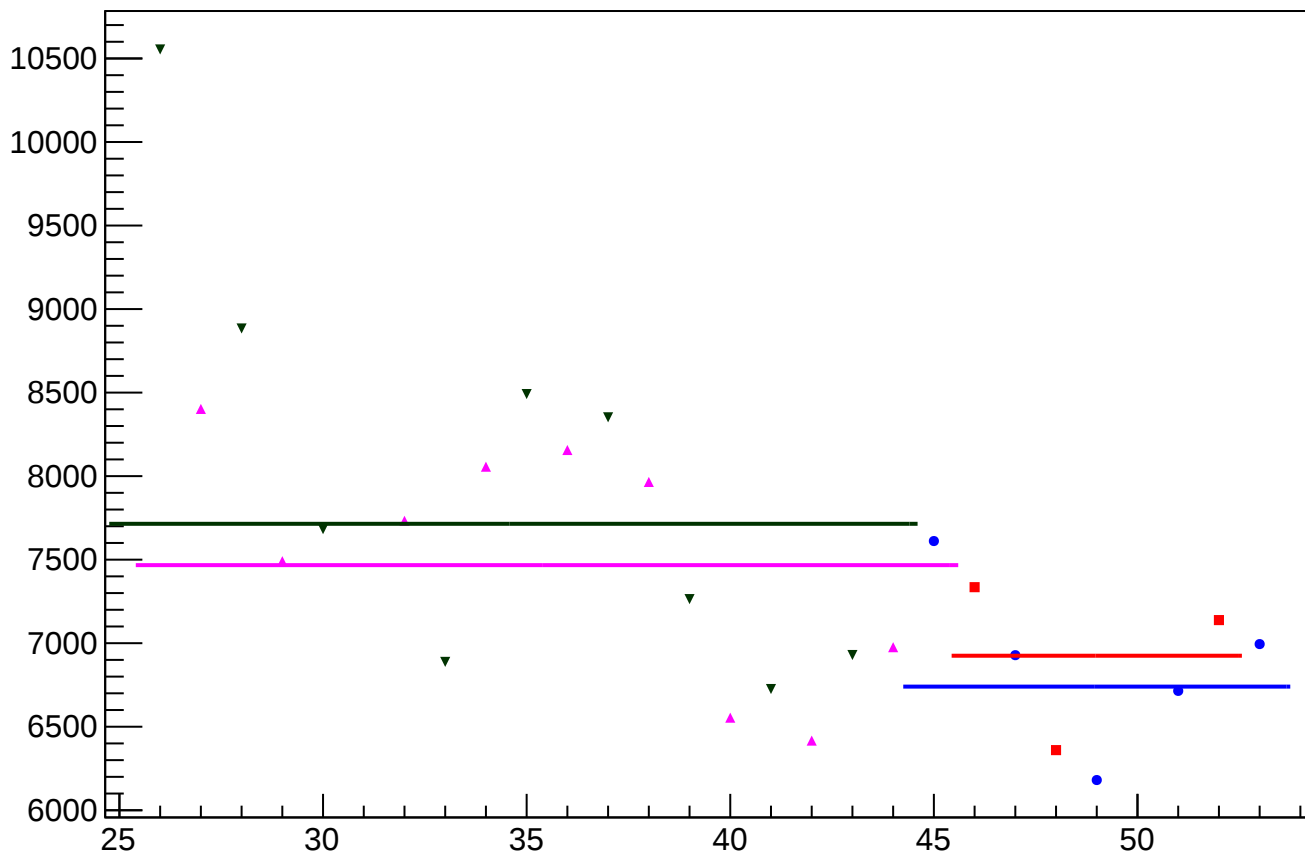
Right Out: 600.146+/-5701.978 χ^2/NDF : 5.9/2

Left In: -6139.136+/-3165.220 χ^2/NDF : 9.7/8

-842.894+/-2605.979 χ^2/NDF : 10.2/13

-4551.635+/-2767.424 χ^2/NDF : 16.7/11

asym_sam2_rms vs slug



Right In: 6740.104+/-2.728 χ^2/NDF : 33429.3/4

Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

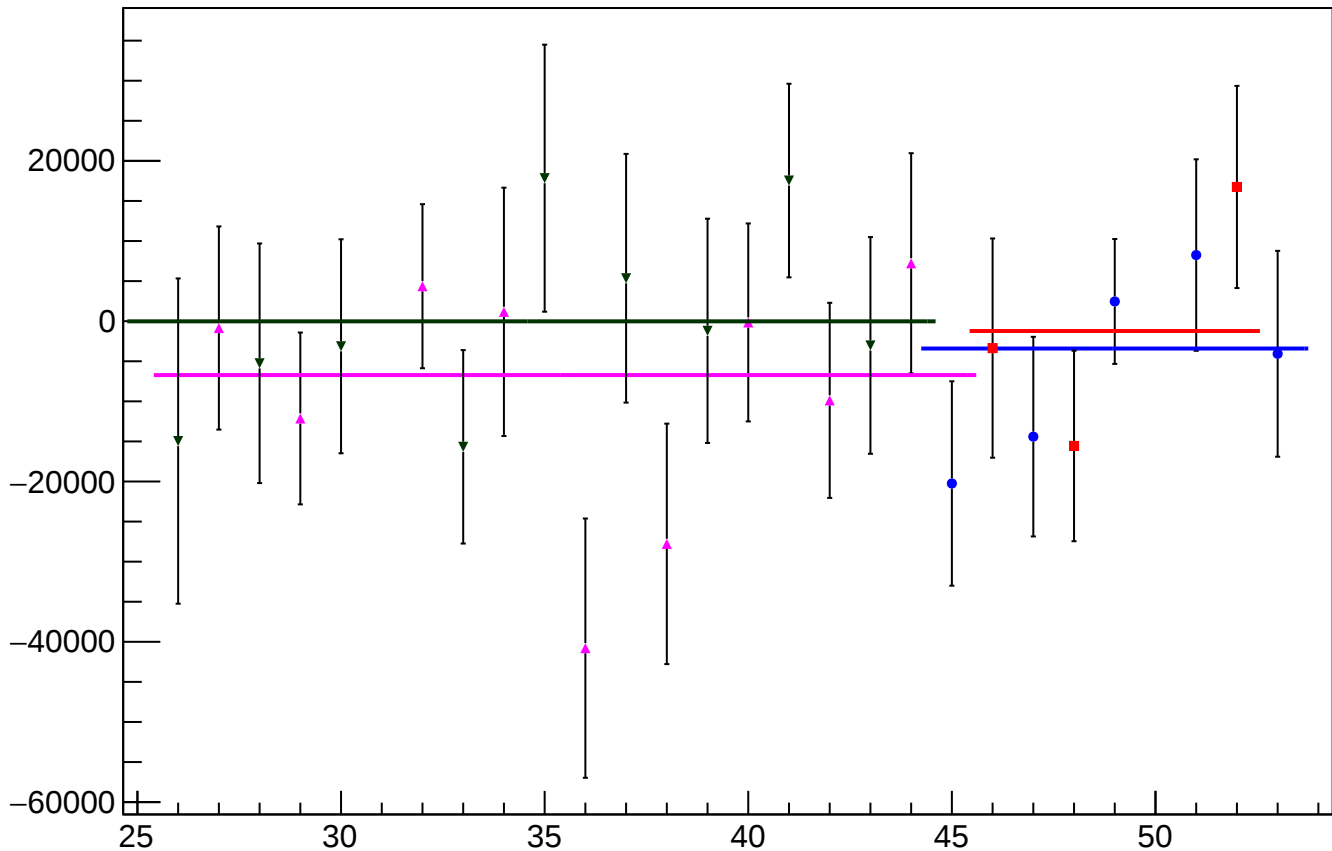
Right Out: 6924.947+/-4.032 χ^2/NDF : 11081.1/2

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

7270.089+/-1.843 χ^2/NDF : 270209.0/13

7339.471+/-1.957 χ^2/NDF : 116755.0/11

asym_sam3_mean vs slug



Right In: -3409.695 $\pm$ 4871.248 χ^2 /NDF: 4.0/4

Left Out: -18.907 $\pm$ 4736.066 χ^2 /NDF:5.8/8

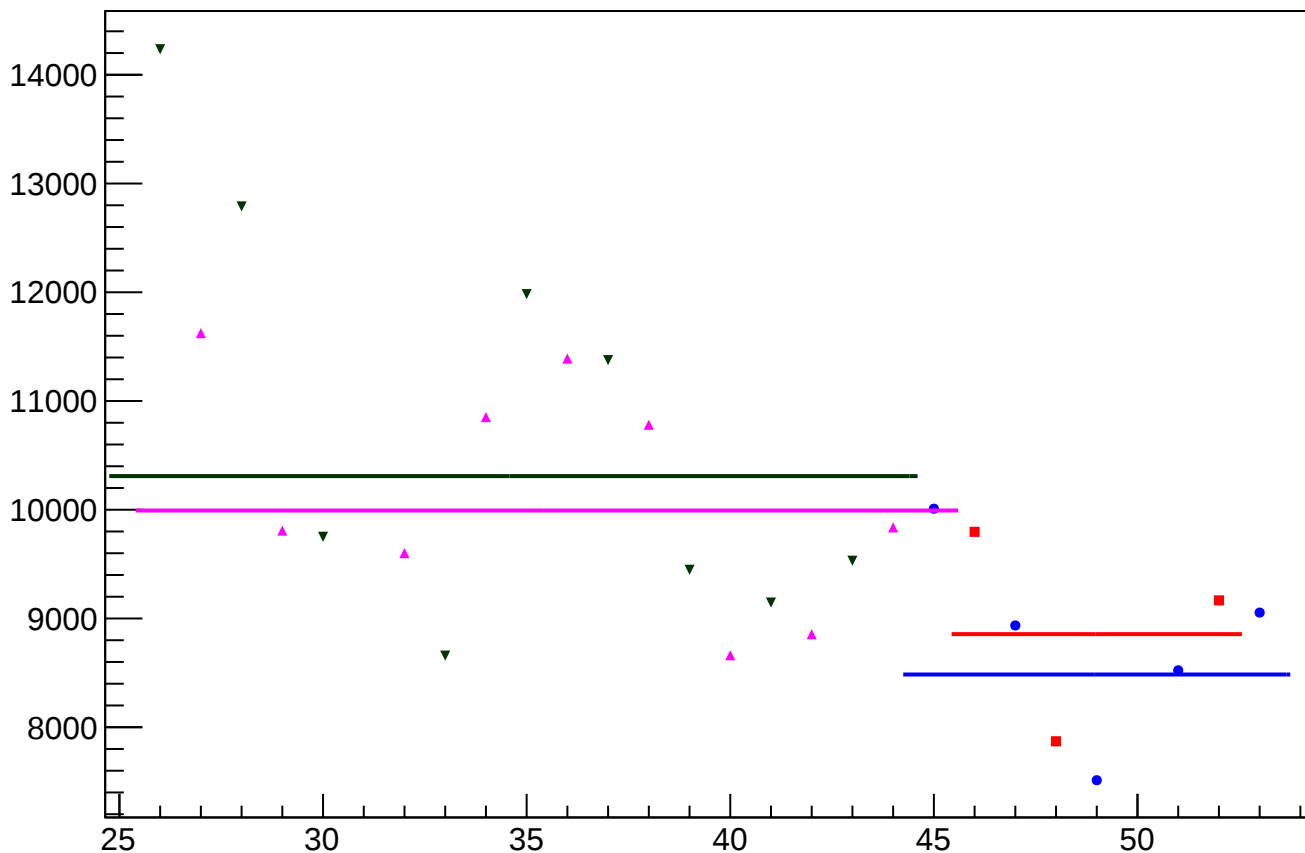
-1666.600 $\pm$ 3395.690 χ^2 /NDF: 10.1/13

Right Out: -1223.615 $\pm$ 7309.950 χ^2 /NDF: 3.5/2

-5336.502 $\pm$ 3670.331 χ^2 /NDF: 13.6/11

Left In: -6722.901 $\pm$ 4244.094 χ^2 /NDF:9.7/8

asym_sam3_rms vs slug



Right In: 8484.762+/-3.444 χ^2/NDF : 66293.6/4

Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

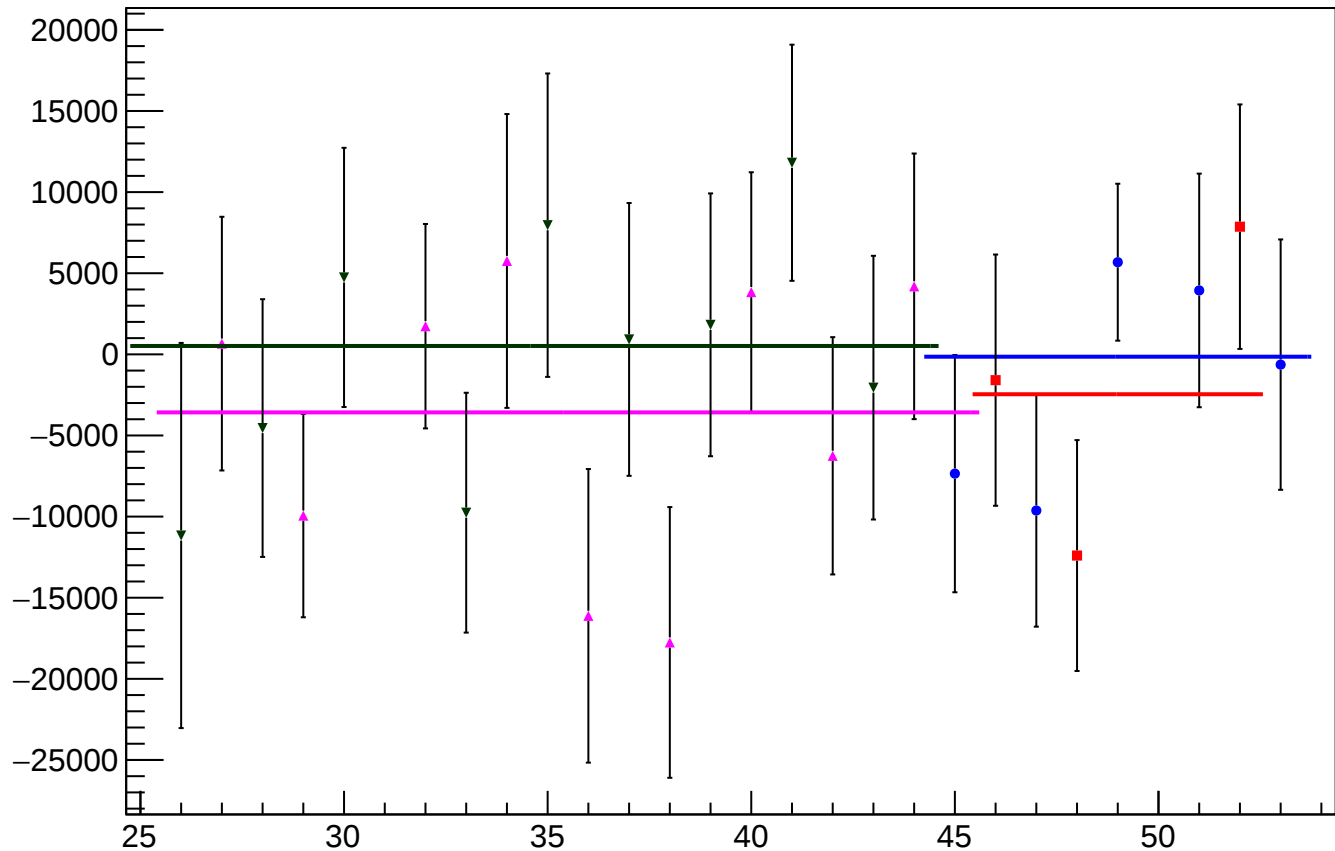
Right Out: 8855.995+/-5.169 χ^2/NDF : 24425.1/2

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

9422.732+/-2.401 χ^2/NDF : 443802.7/13

9706.443+/-2.595 χ^2/NDF : 164832.1/11

asym_sam4_mean vs slug



Right In: -144.988 ± 2922.729 $\chi^2/\text{NDF}: 4.5/4$

Left Out: 516.734 ± 2754.718 $\chi^2/\text{NDF}: 6.8/8$

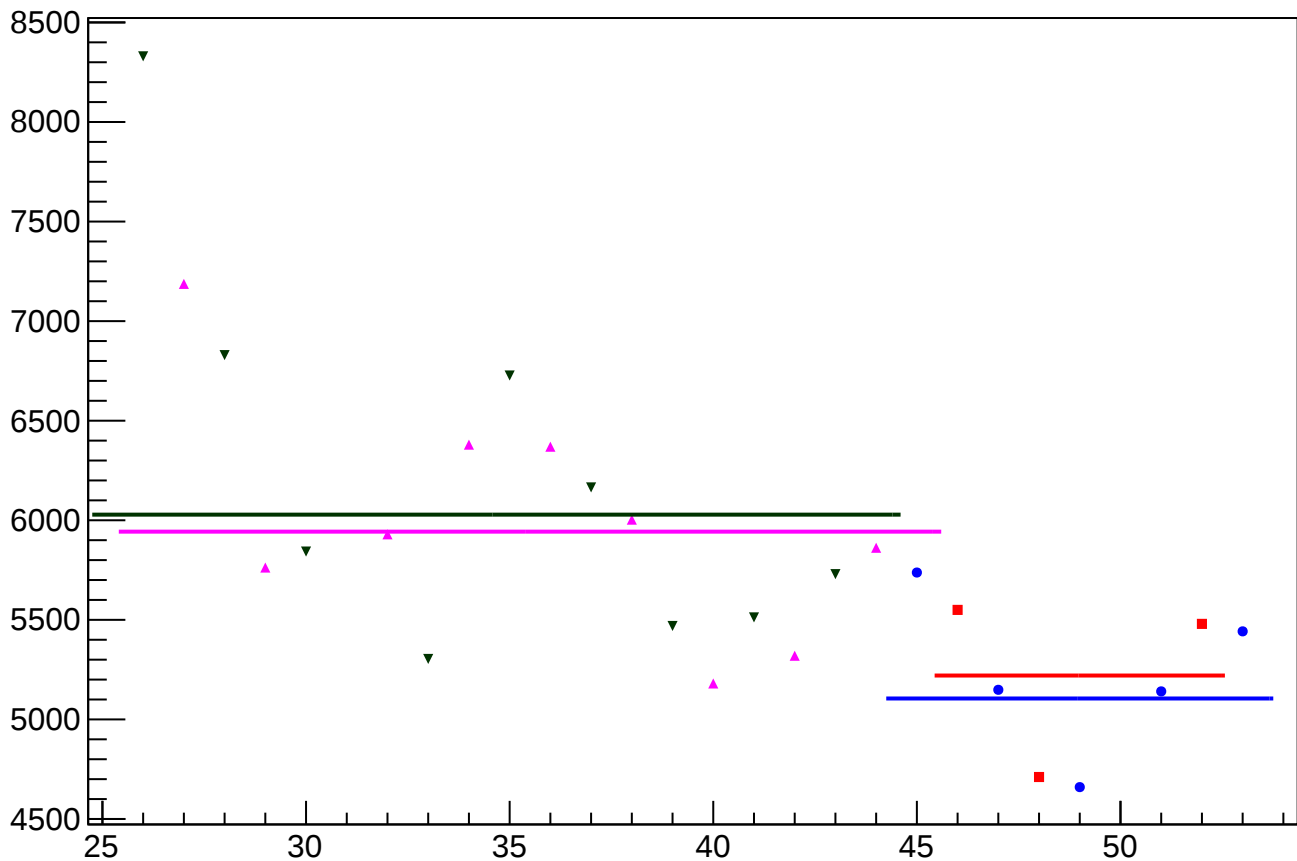
Right Out: -2458.416 ± 4301.462 $\chi^2/\text{NDF}: 3.8/2$

Left In: -3577.200 ± 2517.750 $\chi^2/\text{NDF}: 10.0/8$

205.438 ± 2004.645 $\chi^2/\text{NDF}: 11.3/13$

-3291.710 ± 2172.894 $\chi^2/\text{NDF}: 13.8/11$

asym_sam4_rms vs slug



Right In: 5105.065+/-2.067 χ^2/NDF : 35845.4/4

Left Out: 6028.268+/-1.948 χ^2/NDF :149820.8/8

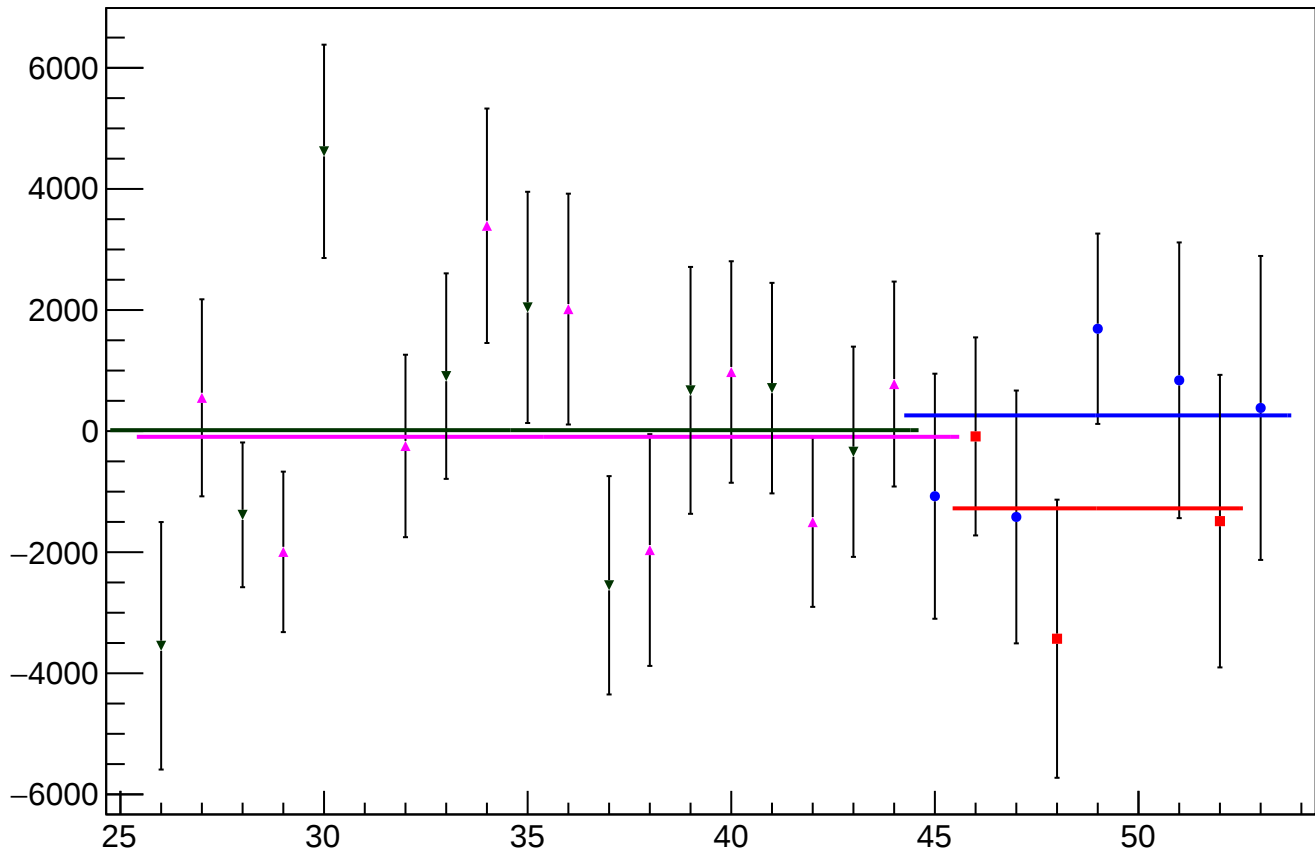
5593.963+/-1.417 χ^2/NDF : 291340.3/13

Right Out: 5220.351+/-3.042 χ^2/NDF : 16253.2/2

5758.507+/-1.536 χ^2/NDF : 155837.8/11

Left In: 5942.882+/-1.780 χ^2/NDF :97554.4/8

asym_sam5_mean vs slug



Right In: 259.501+/-901.763 χ^2/NDF : 2.0/4

Left Out: 15.632+/-568.606 χ^2/NDF : 15.0/8

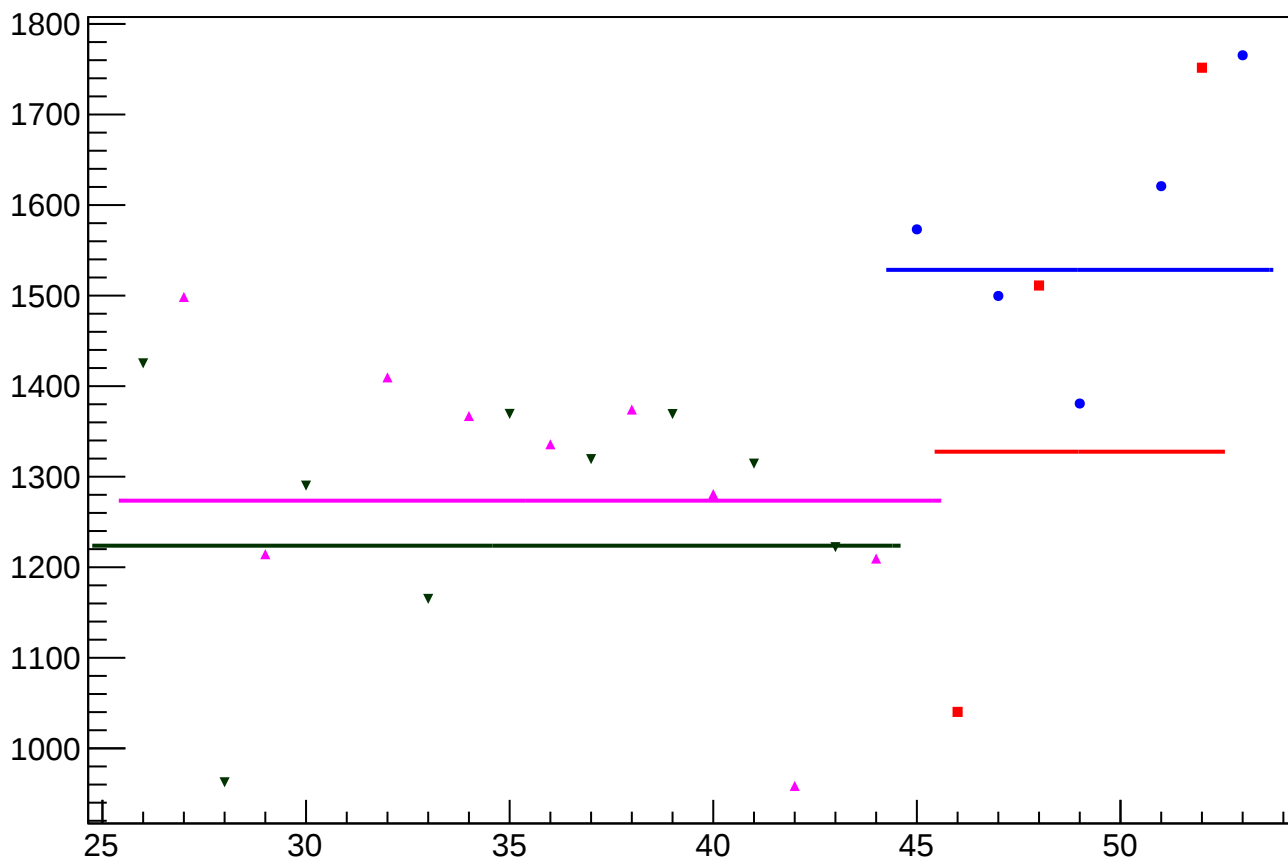
85.009+/-480.973 χ^2/NDF : 17.0/13

Right Out: -1275.958+/-1166.688 χ^2/NDF : 1.4/2

-306.312+/-494.183 χ^2/NDF : 11.5/11

Left In: -94.301+/-545.541 χ^2/NDF : 9.3/8

asym_sam5_rms vs slug



Right In: 1528.435+/-0.638 χ^2/NDF : 40118.7/4

Left Out: 1223.816+/-0.402 χ^2/NDF :153031.9/8

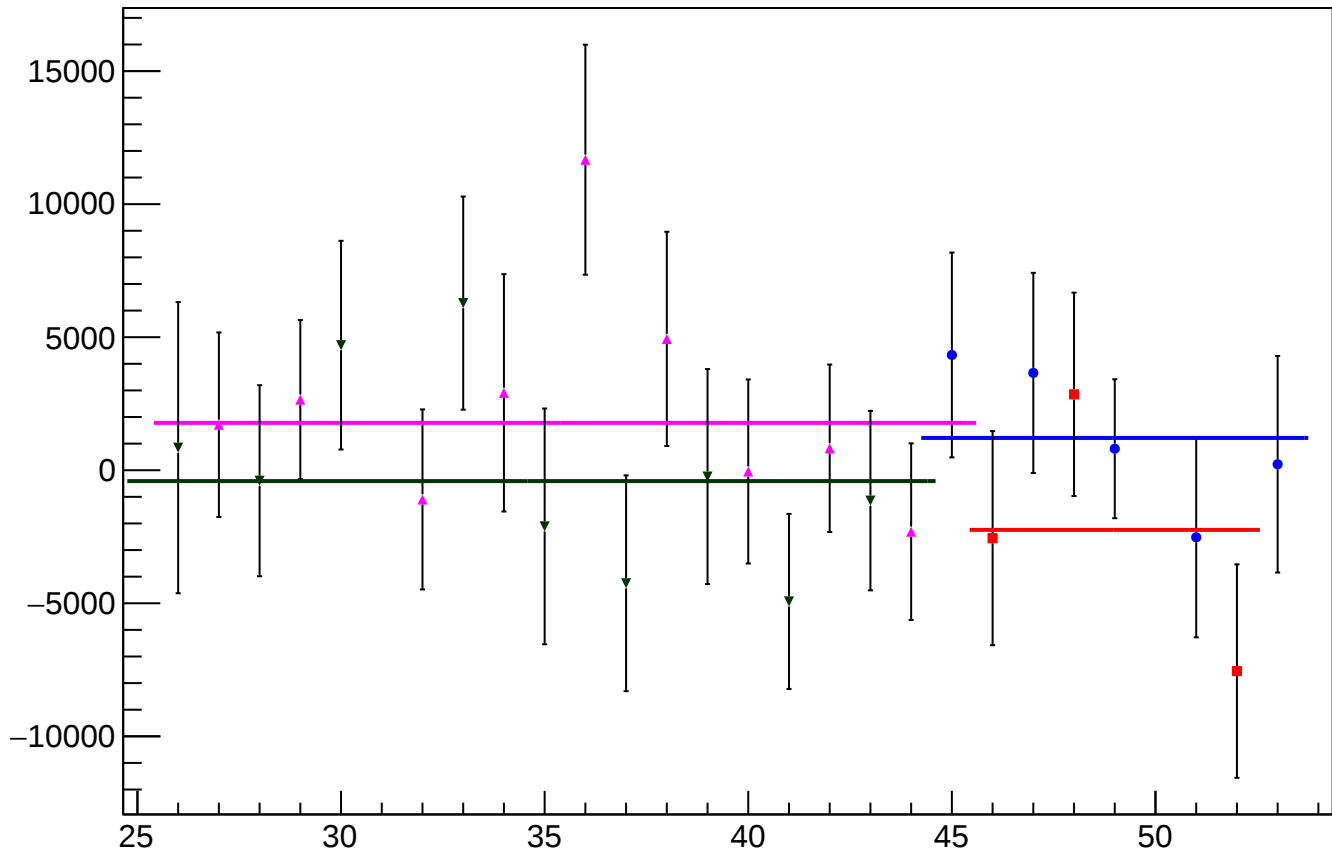
Right Out: 1327.622+/-0.825 χ^2/NDF : 136121.5/2

Left In: 1273.545+/-0.386 χ^2/NDF :174989.1/8

1310.475+/-0.340 χ^2/NDF : 356447.8/13

1283.248+/-0.349 χ^2/NDF : 314636.4/11

asym_sam6_mean vs slug



Right In: 1213.979+/-1550.679 χ^2/NDF : 2.1/4

Left Out: -408.383+/-1299.964 χ^2/NDF : 7.5/8

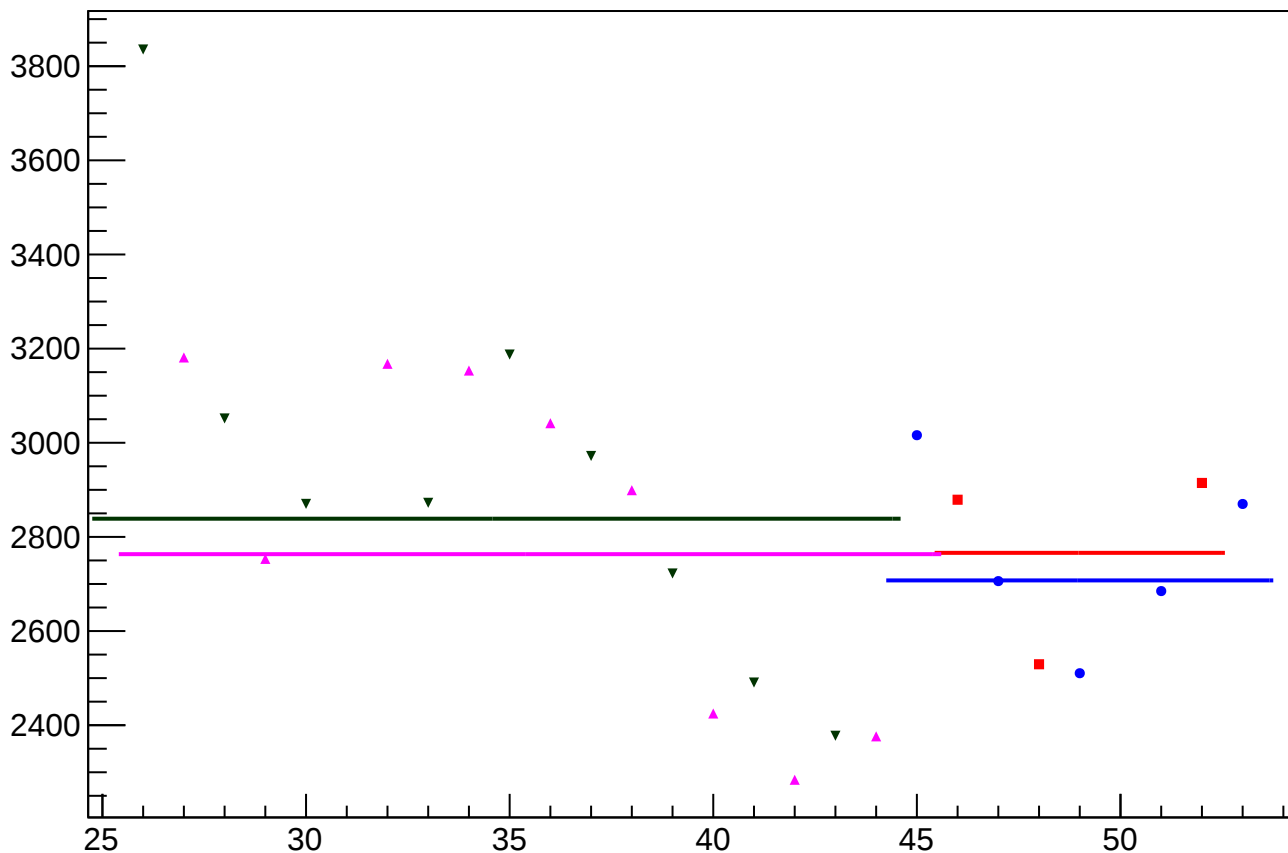
261.206+/-996.213 χ^2/NDF : 10.3/13

Right Out: -2242.746+/-2279.568 χ^2/NDF : 3.5/2

935.862+/-1044.931 χ^2/NDF : 14.6/11

Left In: 1781.426+/-1175.729 χ^2/NDF : 8.6/8

asym_sam6_rms vs slug



Right In: 2707.589+/-1.096 χ^2/NDF : 27505.9/4

Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

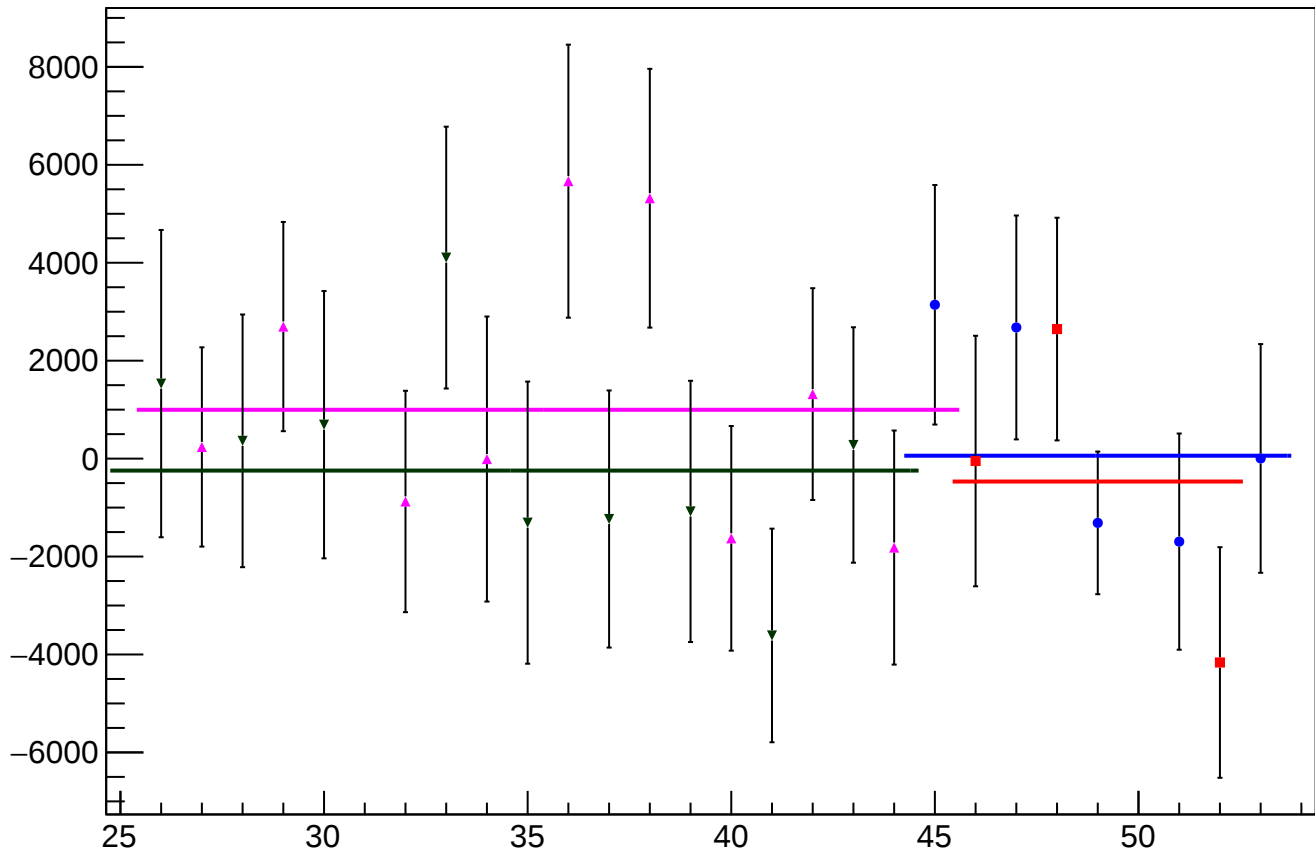
Right Out: 2766.146+/-1.612 χ^2/NDF : 11986.6/2

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

2784.576+/-0.704 χ^2/NDF : 185560.1/13

2763.934+/-0.739 χ^2/NDF : 188286.6/11

asym_sam7_mean vs slug



Right In: 59.123 ± 905.984 χ^2/NDF : 4.4/4

Left Out: -244.491 ± 871.961 χ^2/NDF : 5.9/8

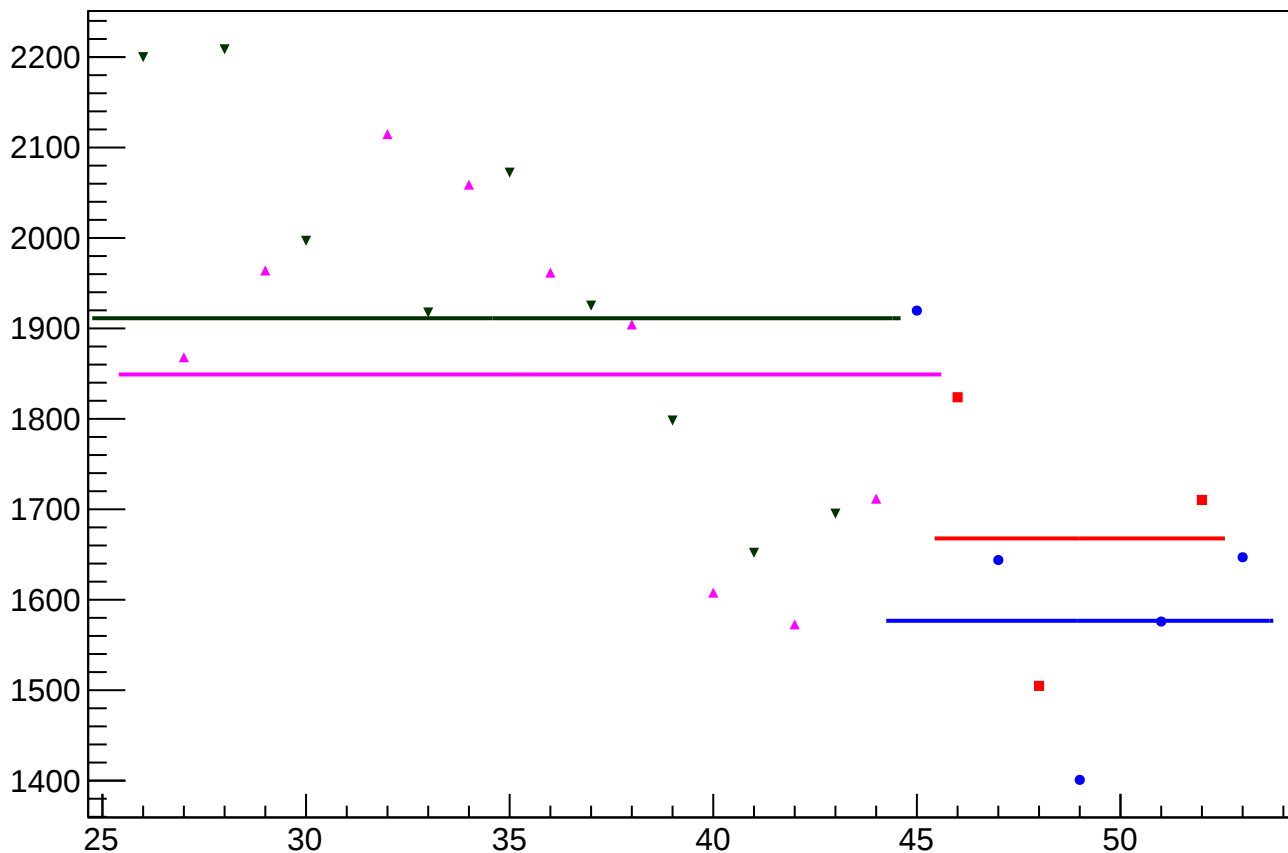
Right Out: -468.116 ± 1377.993 χ^2/NDF : 4.4/2

Left In: 997.335 ± 784.451 χ^2/NDF : 9.8/8

-98.492 ± 628.253 χ^2/NDF : 10.4/13

638.663 ± 681.727 χ^2/NDF : 15.0/11

asym_sam7_rms vs slug



Right In: 1576.745+/-0.641 χ^2/NDF : 72020.0/4

Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

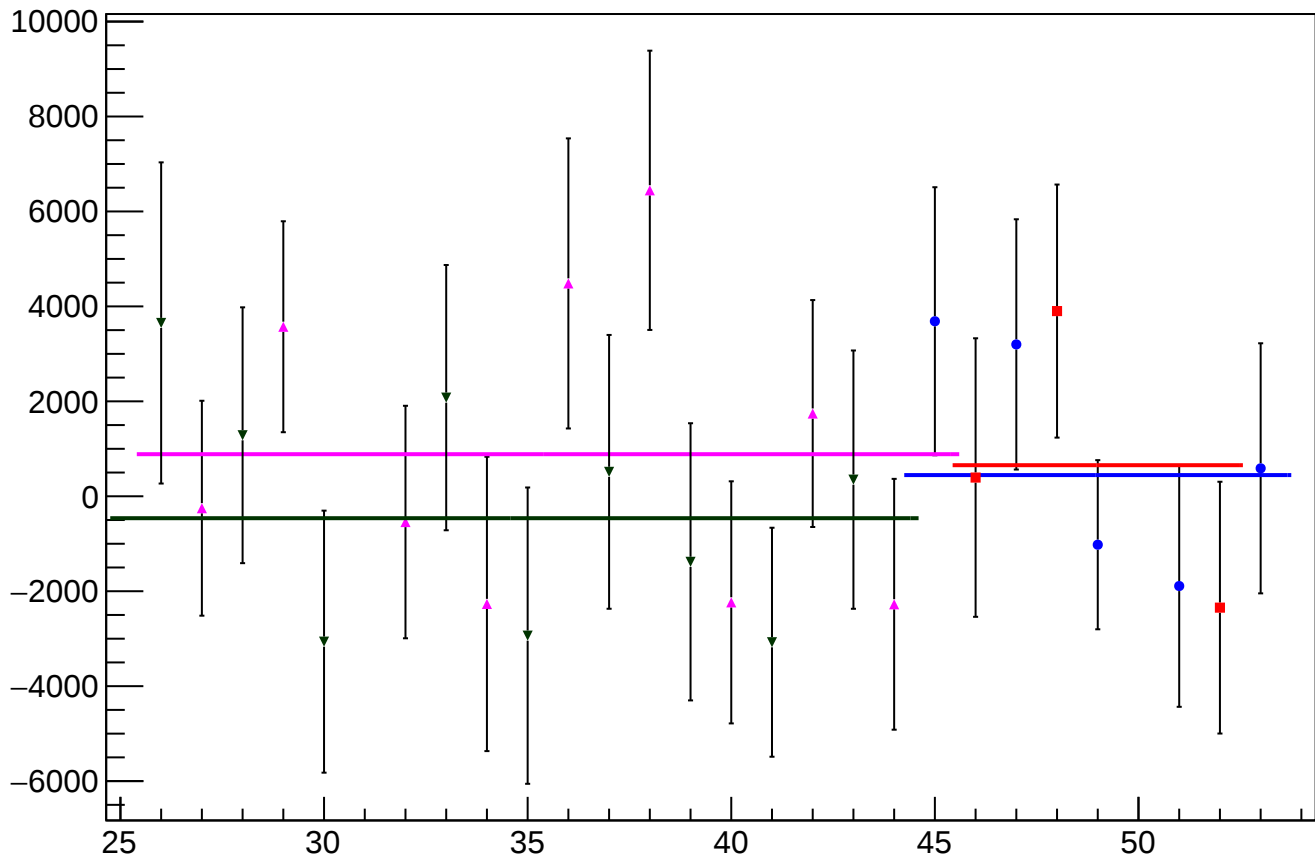
Right Out: 1667.783+/-0.974 χ^2/NDF : 18385.7/2

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

1750.396+/-0.444 χ^2/NDF : 313346.8/13

1804.723+/-0.482 χ^2/NDF : 154037.8/11

asym_sam8_mean vs slug



Right In: 446.619 $\pm$ 1064.181 χ^2 /NDF: 3.9/4

Left Out: -461.681 $\pm$ 939.996 χ^2 /NDF: 5.7/8

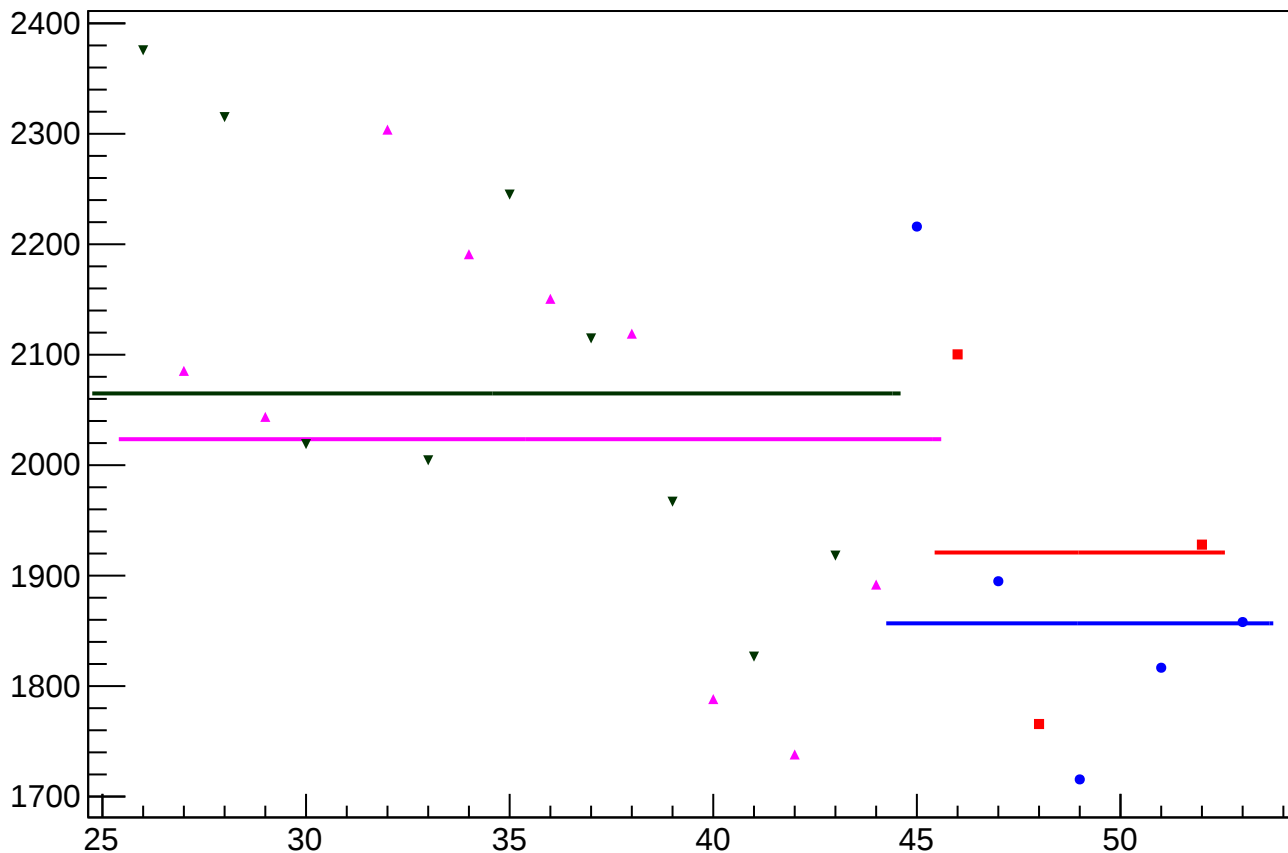
Right Out: 654.778 $\pm$ 1582.865 χ^2 /NDF: 2.8/2

Left In: 886.546 $\pm$ 856.447 χ^2 /NDF: 11.1/8

-63.597 $\pm$ 704.512 χ^2 /NDF: 10.1/13

834.059 $\pm$ 753.254 χ^2 /NDF: 13.9/11

asym_sam8_rms vs slug



Right In: 1856.806+/-0.752 χ^2/NDF : 45873.4/4

Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

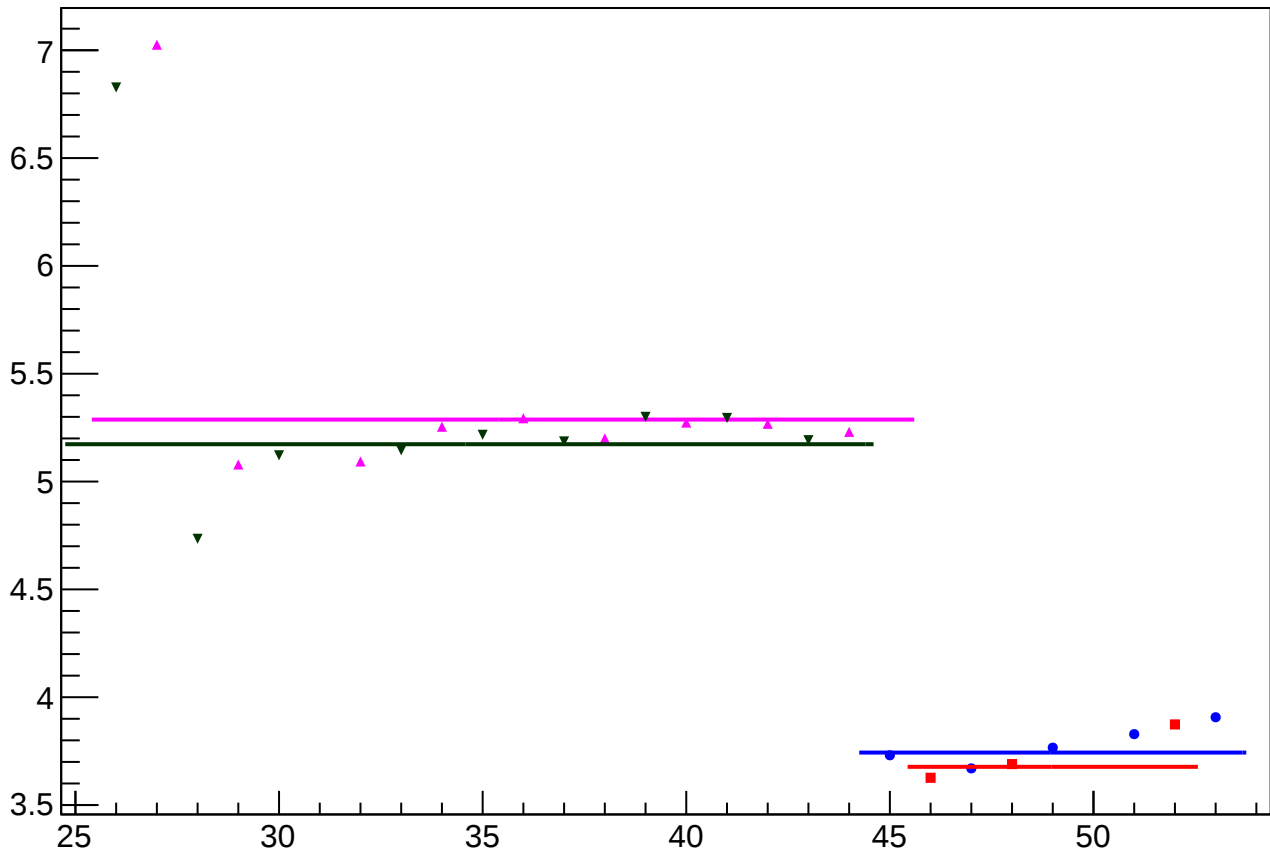
Right Out: 1920.937+/-1.119 χ^2/NDF : 14278.3/2

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

1973.722+/-0.498 χ^2/NDF : 159294.3/13

2000.290+/-0.533 χ^2/NDF : 110551.4/11

yield_sam1_mean vs slug



Right In: 3.743+/-0.000 χ^2/NDF : 35210600.8/4

Left Out: 5.173+/-0.000 χ^2/NDF : 2171910592.0/8

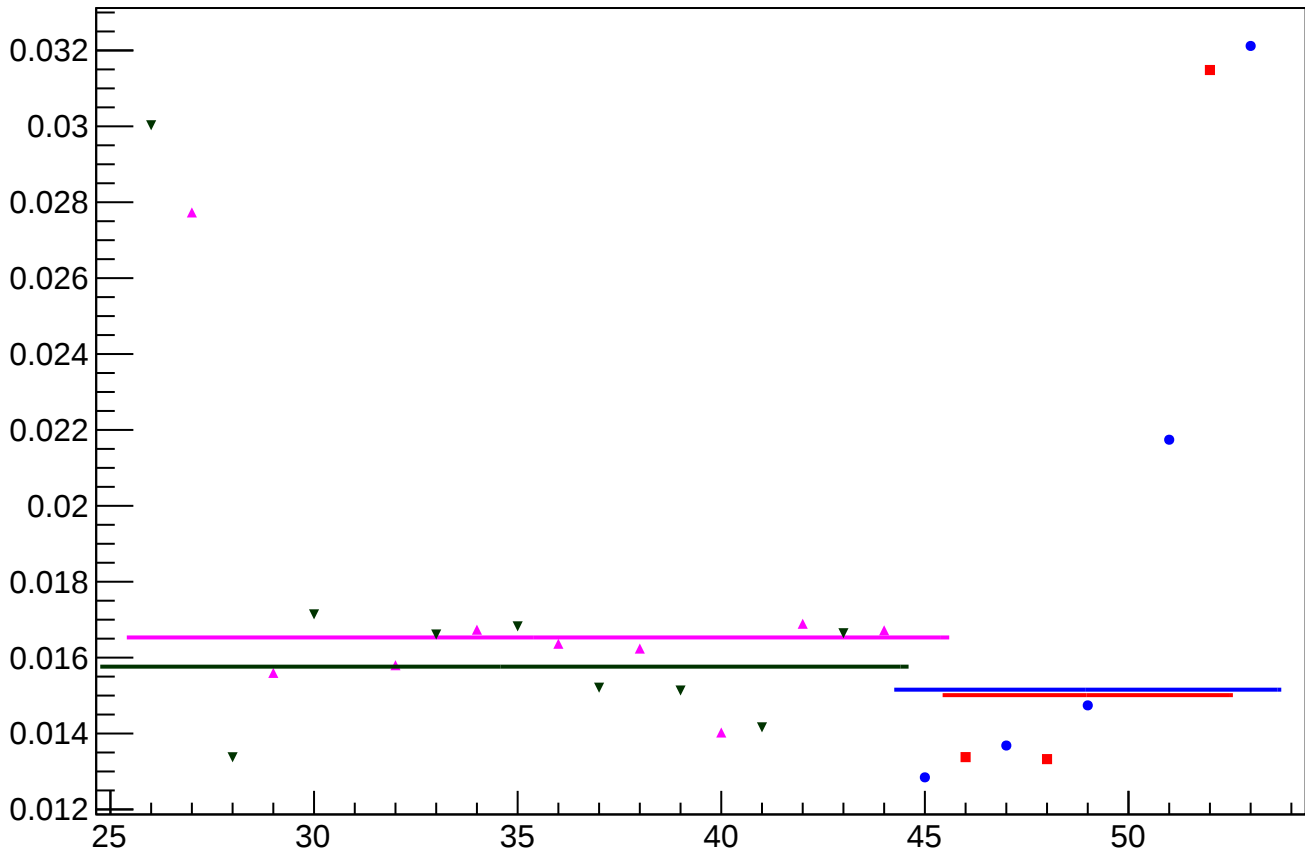
4.620+/-0.000 χ^2/NDF : 16331617627.1/13

Right Out: 3.677+/-0.000 χ^2/NDF : 25768725.2/2

4.934+/-0.000 χ^2/NDF : 14158164850.5/11

Left In: 5.287+/-0.000 χ^2/NDF : 3281290033.8/8

yield_sam1_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 386489.5/4

Left Out: 0.016+/-0.000 χ^2/NDF :286549.4/8

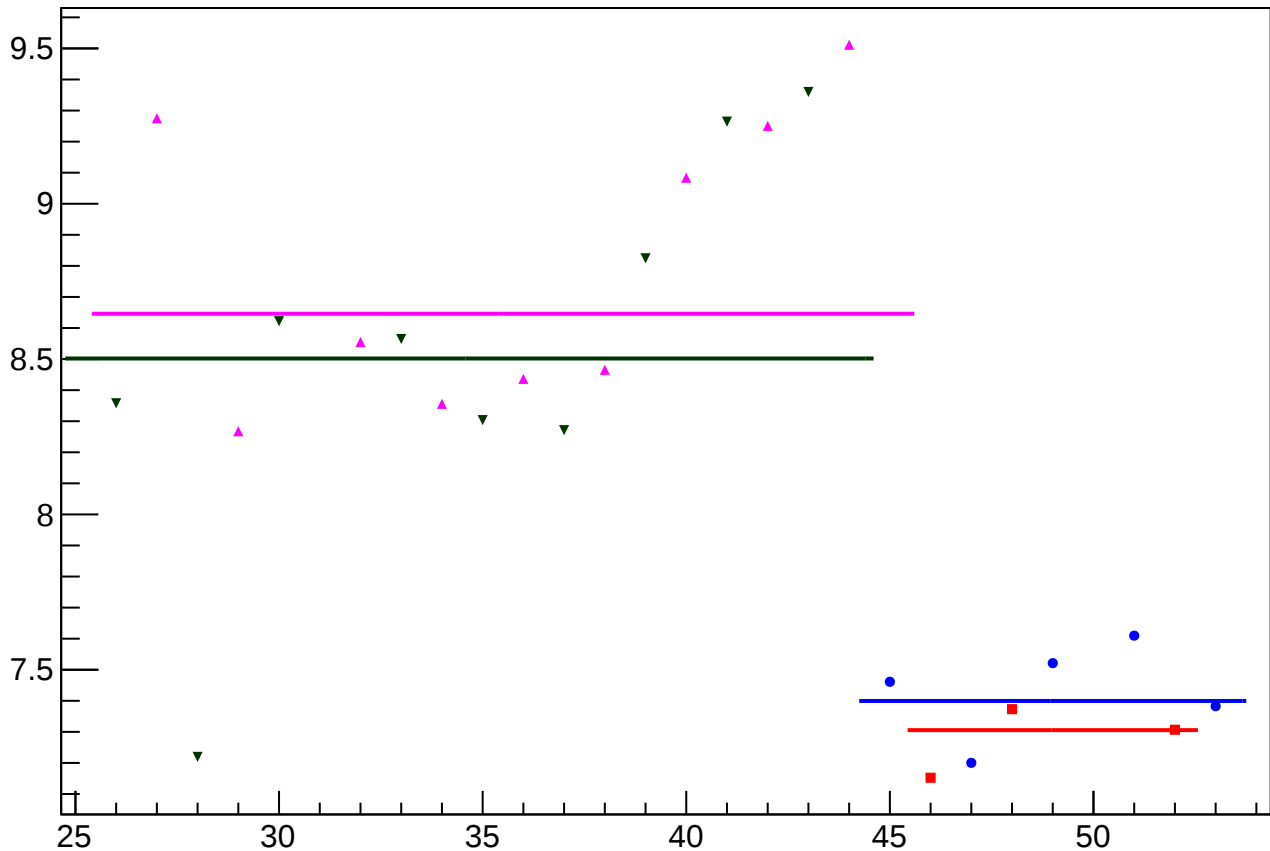
0.016+/-0.000 χ^2/NDF : 678124.6/13

Right Out: 0.015+/-0.000 χ^2/NDF : 292957.2/2

0.016+/-0.000 χ^2/NDF : 601124.4/11

Left In: 0.017+/-0.000 χ^2/NDF :288822.9/8

yield_sam2_mean vs slug



Right In: 7.400 $\pm$ 0.000 χ^2 /NDF: 3856400.1/4

Left Out: 8.502 $\pm$ 0.000 χ^2 /NDF:87030324.5/8

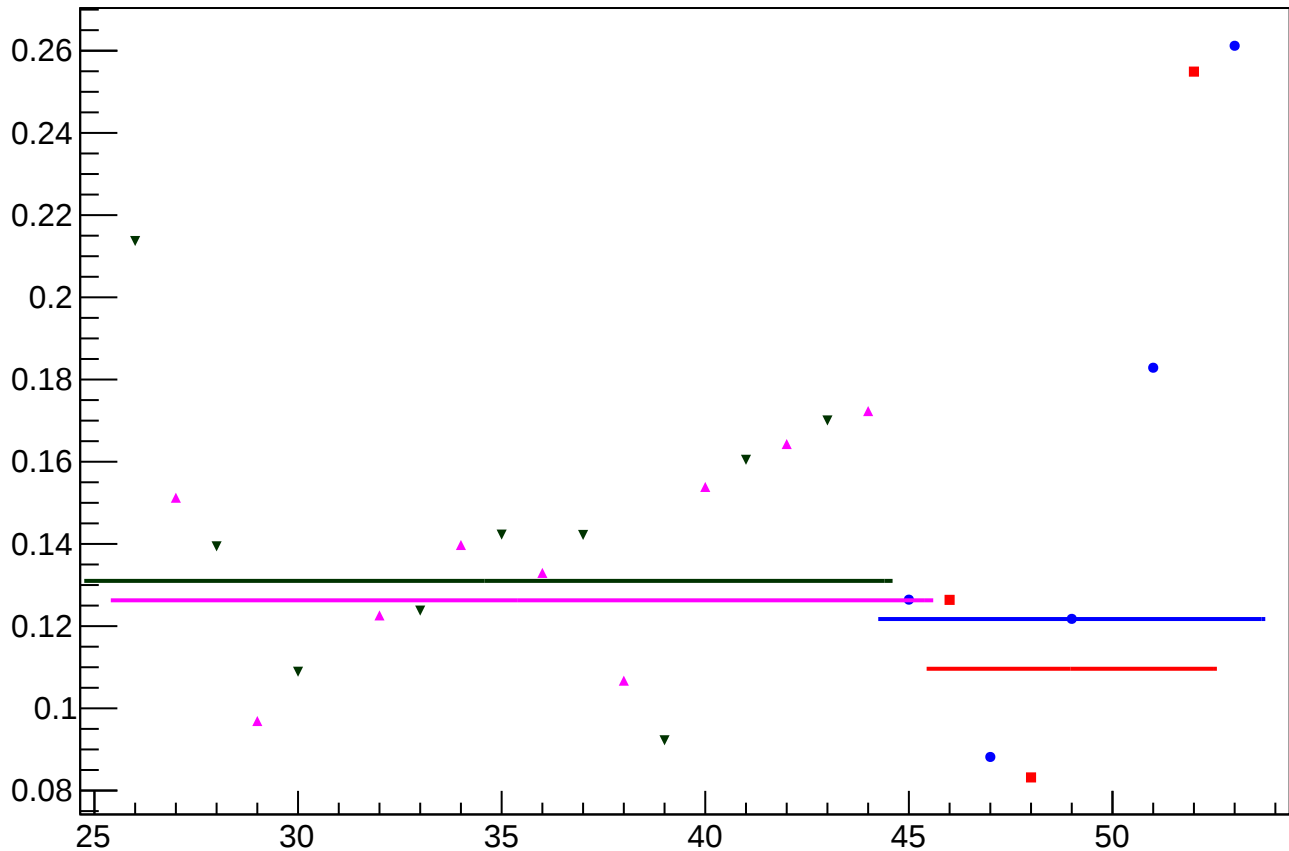
Right Out: 7.306 $\pm$ 0.000 χ^2 /NDF: 882064.3/2

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF:53831868.3/8

8.060 $\pm$ 0.000 χ^2 /NDF: 214611038.9/13

8.344 $\pm$ 0.000 χ^2 /NDF: 184056465.3/11

yield_sam2_rms vs slug



Right In: 0.122 ± 0.000 χ^2/NDF : 506085.1/4

Left Out: 0.131 ± 0.000 χ^2/NDF : 439839.4/8

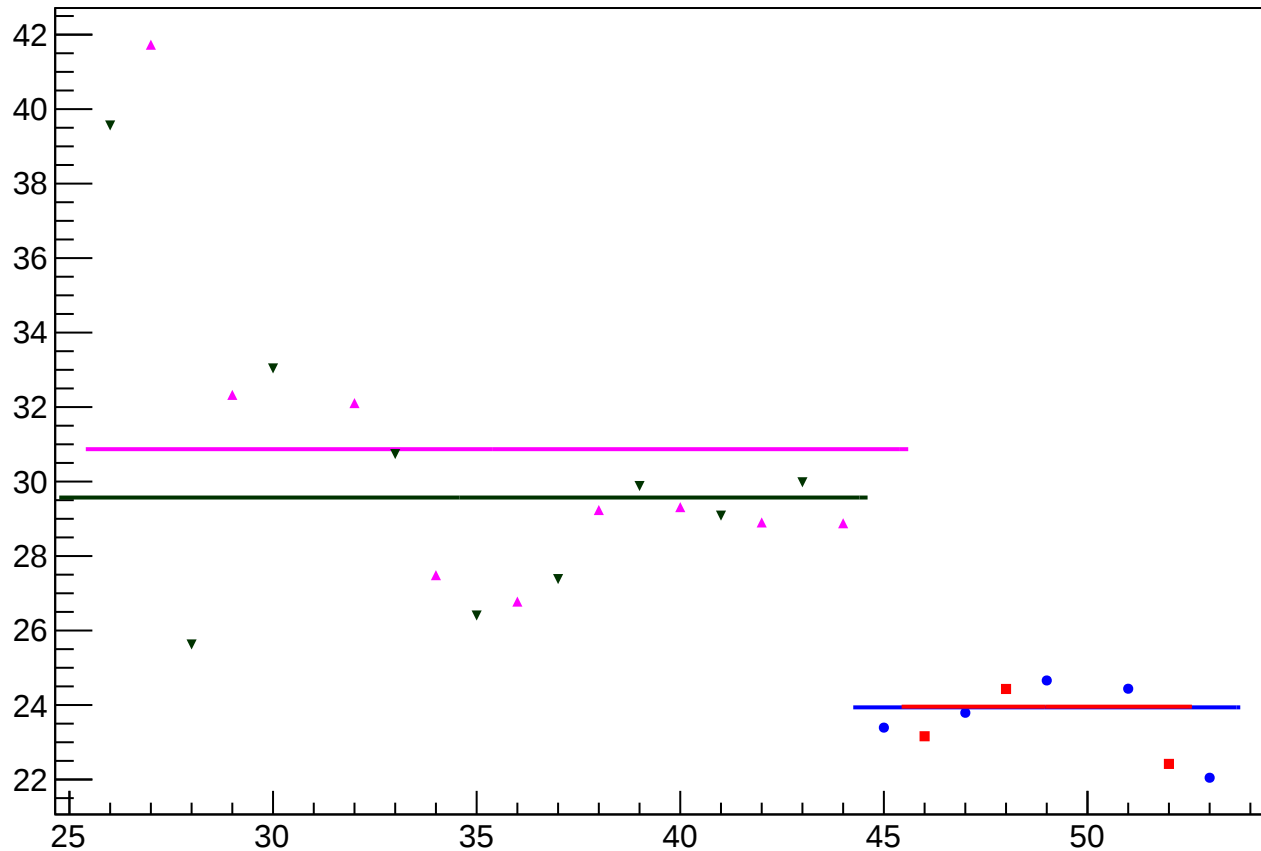
0.127 ± 0.000 χ^2/NDF : 963464.2/13

Right Out: 0.110 ± 0.000 χ^2/NDF : 423955.2/2

0.123 ± 0.000 χ^2/NDF : 849208.9/11

Left In: 0.126 ± 0.000 χ^2/NDF : 385330.3/8

yield_sam3_mean vs slug



Right In: 23.937+/-0.000 χ^2/NDF : 4010365.0/4

Left Out: 29.571+/-0.000 χ^2/NDF : 93290313.8/8

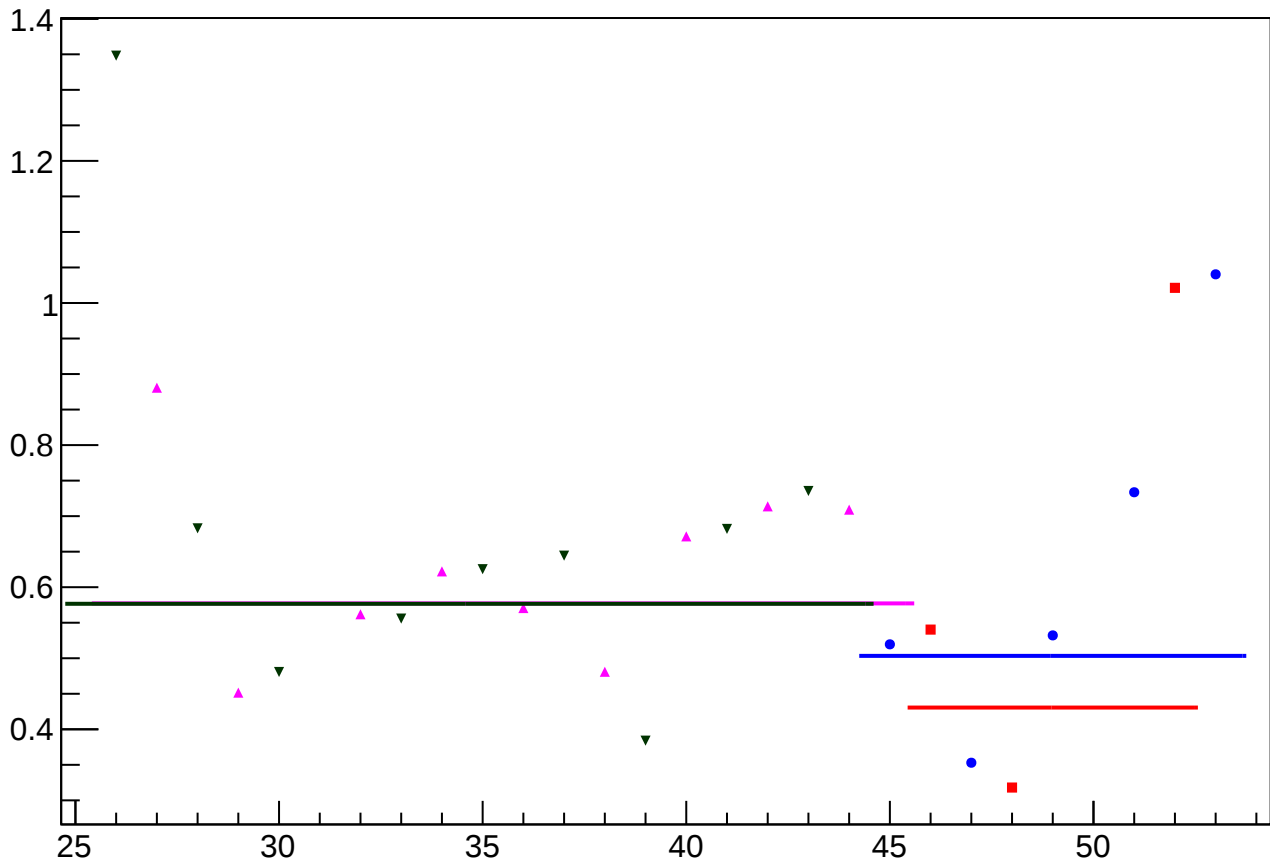
Right Out: 23.956+/-0.000 χ^2/NDF : 2914193.9/2

Left In: 30.869+/-0.000 χ^2/NDF : 179537266.9/8

27.115+/-0.000 χ^2/NDF : 272660460.5/13

28.946+/-0.000 χ^2/NDF : 382457377.5/11

yield_sam3_rms vs slug



Right In: 0.503+/-0.000 χ^2/NDF : 506645.1/4

Left Out: 0.577+/-0.000 χ^2/NDF : 676625.4/8

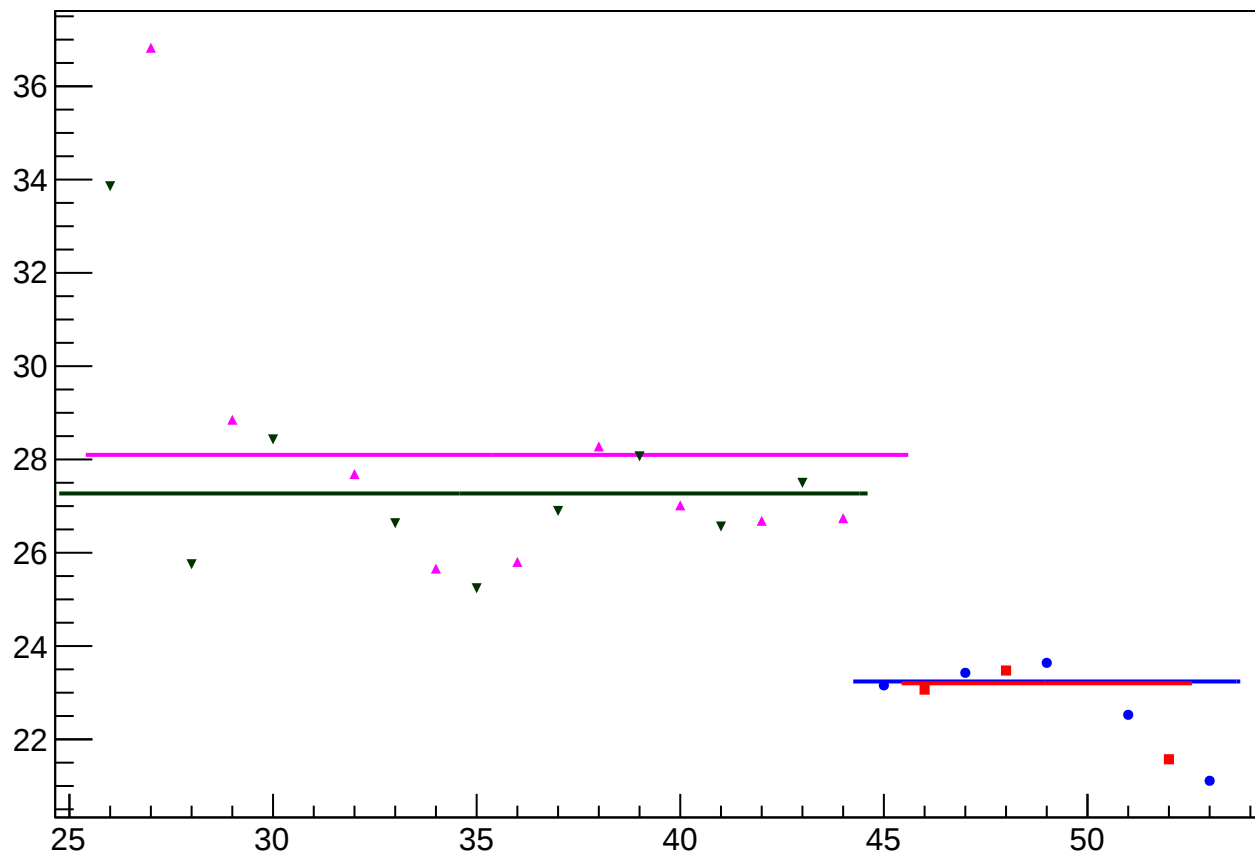
0.545+/-0.000 χ^2/NDF : 1242641.7/13

Right Out: 0.431+/-0.000 χ^2/NDF : 472259.3/2

0.536+/-0.000 χ^2/NDF : 1081036.3/11

Left In: 0.577+/-0.000 χ^2/NDF : 428935.9/8

yield_sam4_mean vs slug



Right In: 23.241+/-0.000 χ^2/NDF : 9597745.6/4

Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

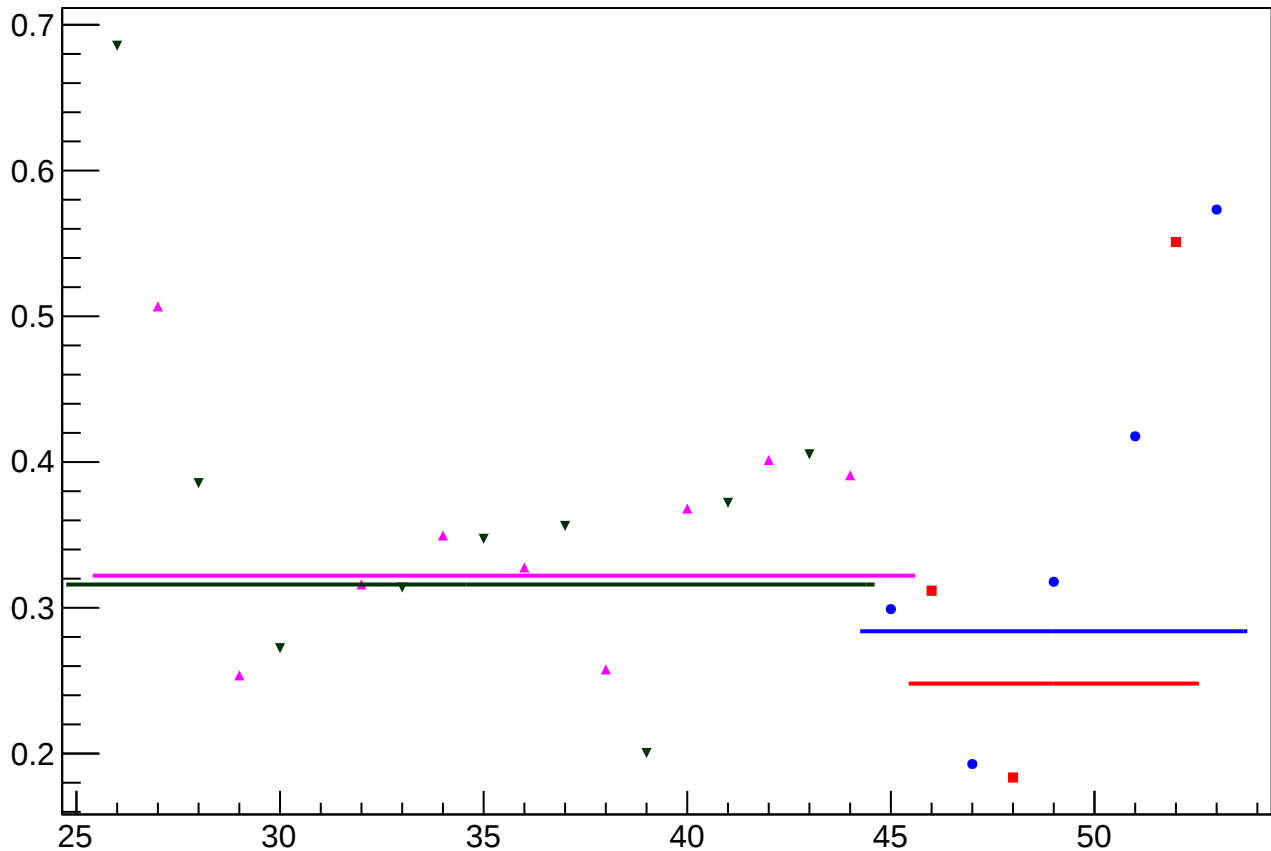
Right Out: 23.201+/-0.000 χ^2/NDF : 5423084.9/2

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

25.594+/-0.000 χ^2/NDF : 389791335.2/13

26.773+/-0.000 χ^2/NDF : 615787507.4/11

yield_sam4_rms vs slug



Right In: 0.284+/-0.000 χ^2/NDF : 557479.7/4

Left Out: 0.316+/-0.000 χ^2/NDF : 714939.2/8

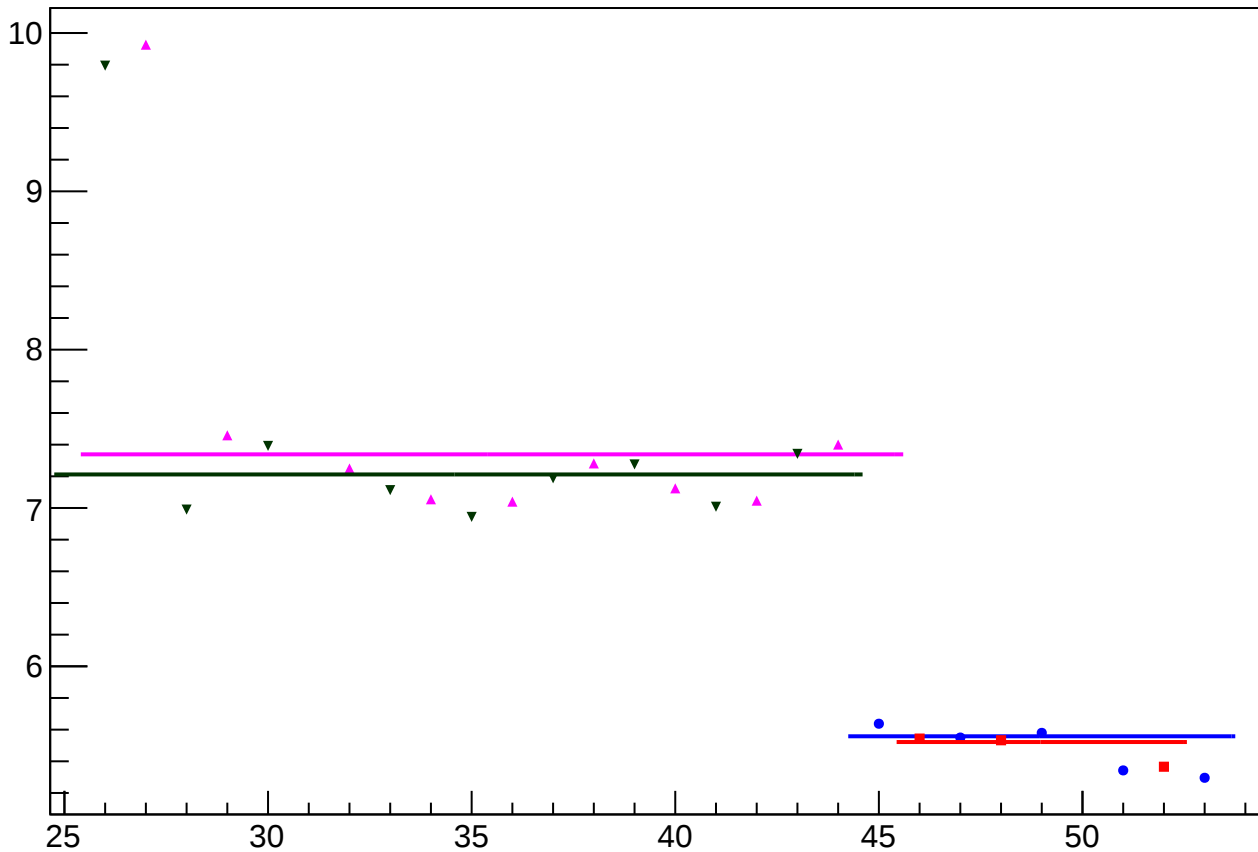
Right Out: 0.248+/-0.000 χ^2/NDF : 441950.8/2

Left In: 0.322+/-0.000 χ^2/NDF : 461584.6/8

0.303+/-0.000 χ^2/NDF : 1308946.2/13

0.302+/-0.000 χ^2/NDF : 1047237.9/11

yield_sam5_mean vs slug



Right In: 5.558 $\pm$ 0.000 χ^2 /NDF: 57285454.8/4

Left Out: 7.212 $\pm$ 0.000 χ^2 /NDF: 2423843108.1/8

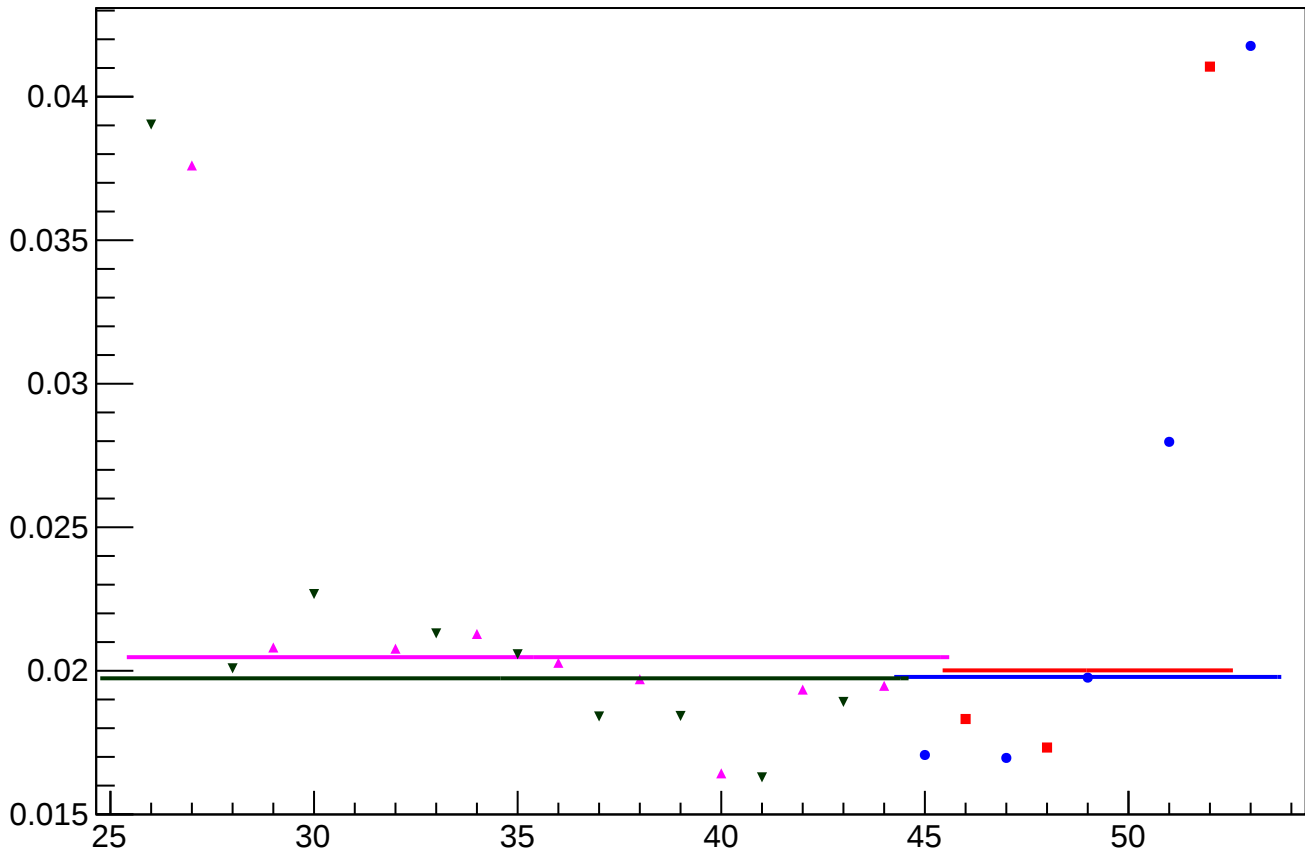
6.607 $\pm$ 0.000 χ^2 /NDF: 13910411701.5/13

Right Out: 5.522 $\pm$ 0.000 χ^2 /NDF: 7885144.1/2

6.977 $\pm$ 0.000 χ^2 /NDF: 12108945598.2/11

Left In: 7.339 $\pm$ 0.000 χ^2 /NDF: 4002198010.6/8

yield_sam5_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 383979.1/4

Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

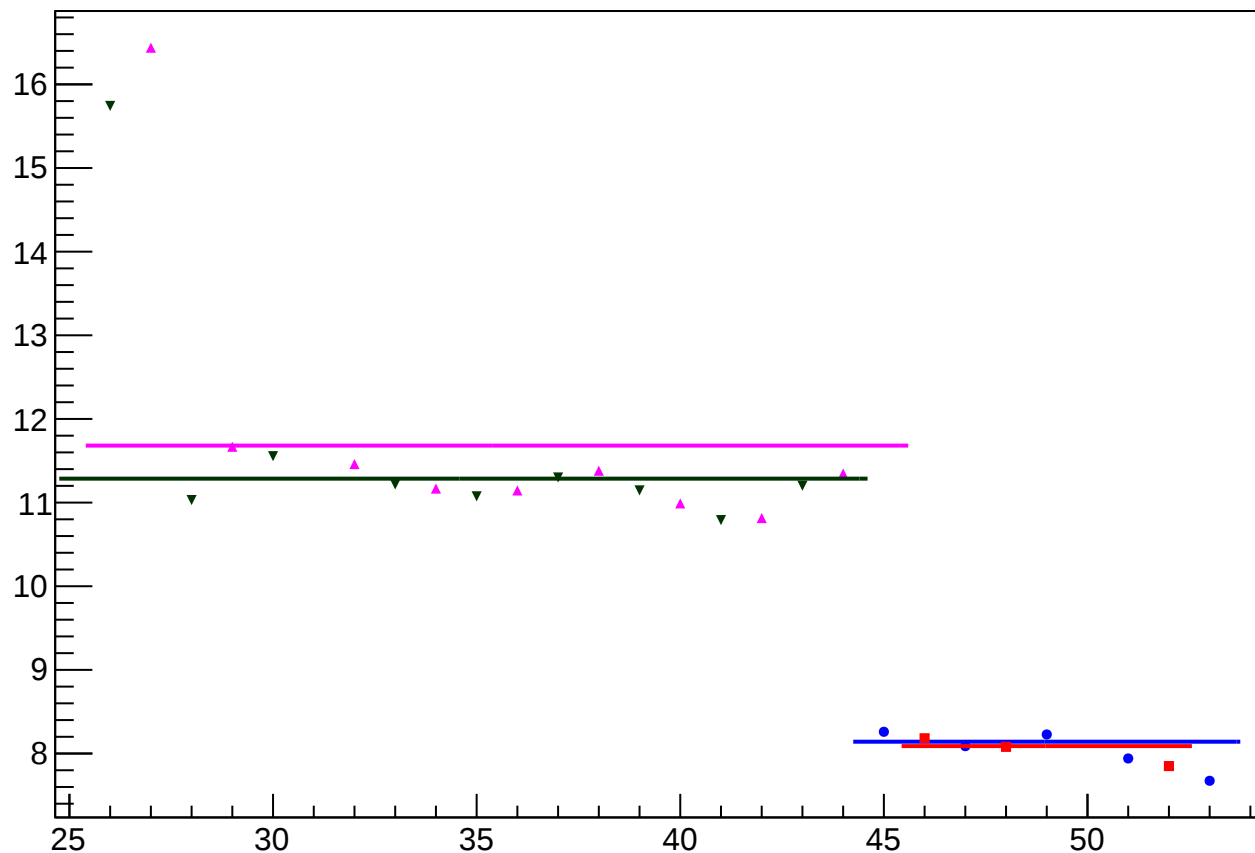
Right Out: 0.020+/-0.000 χ^2/NDF : 285192.5/2

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

0.020+/-0.000 χ^2/NDF : 704665.3/13

0.020+/-0.000 χ^2/NDF : 666568.6/11

yield_sam6_mean vs slug



Right In: 8.141+/-0.000 χ^2/NDF : 14856145.6/4

Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

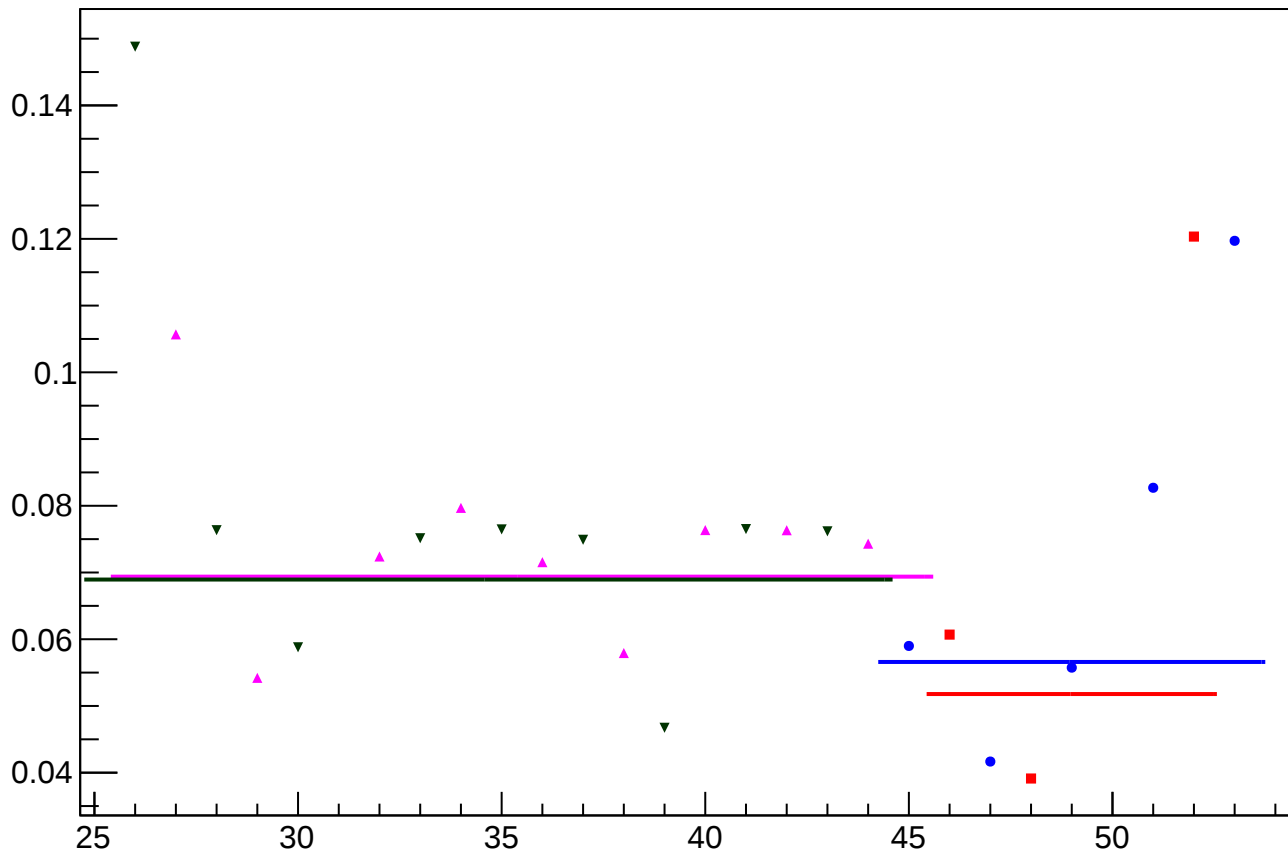
Right Out: 8.089+/-0.000 χ^2/NDF : 2990836.6/2

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

9.822+/-0.000 χ^2/NDF : 4651790604.7/13

10.669+/-0.000 χ^2/NDF : 5612728126.0/11

yield_sam6_rms vs slug



Right In: 0.057+/-0.000 χ^2/NDF : 471466.2/4

Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

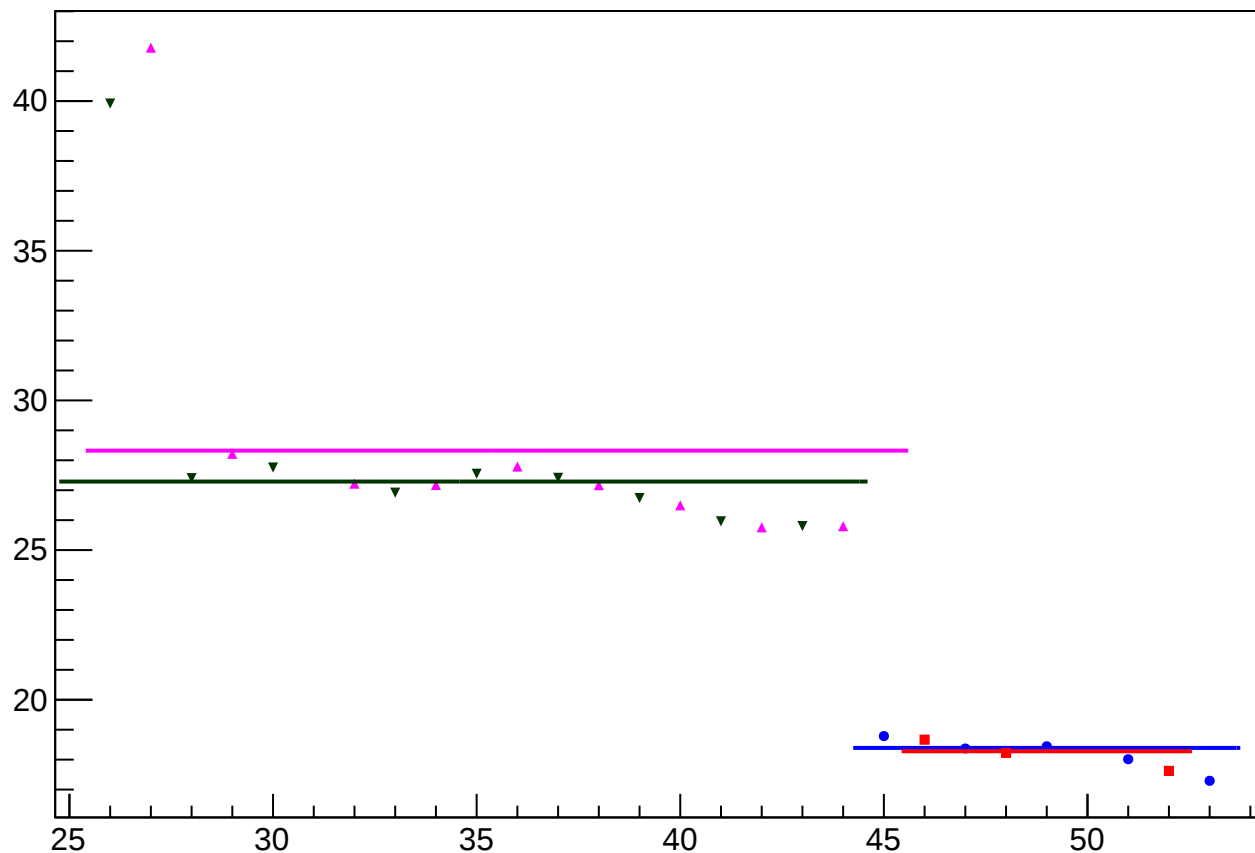
Right Out: 0.052+/-0.000 χ^2/NDF : 428697.9/2

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

0.063+/-0.000 χ^2/NDF : 1143523.8/13

0.064+/-0.000 χ^2/NDF : 996138.9/11

yield_sam7_mean vs slug



Right In: 18.392+/-0.000 χ^2/NDF : 47393769.8/4

Left Out: 27.289+/-0.000 χ^2/NDF :1982133147.3/8

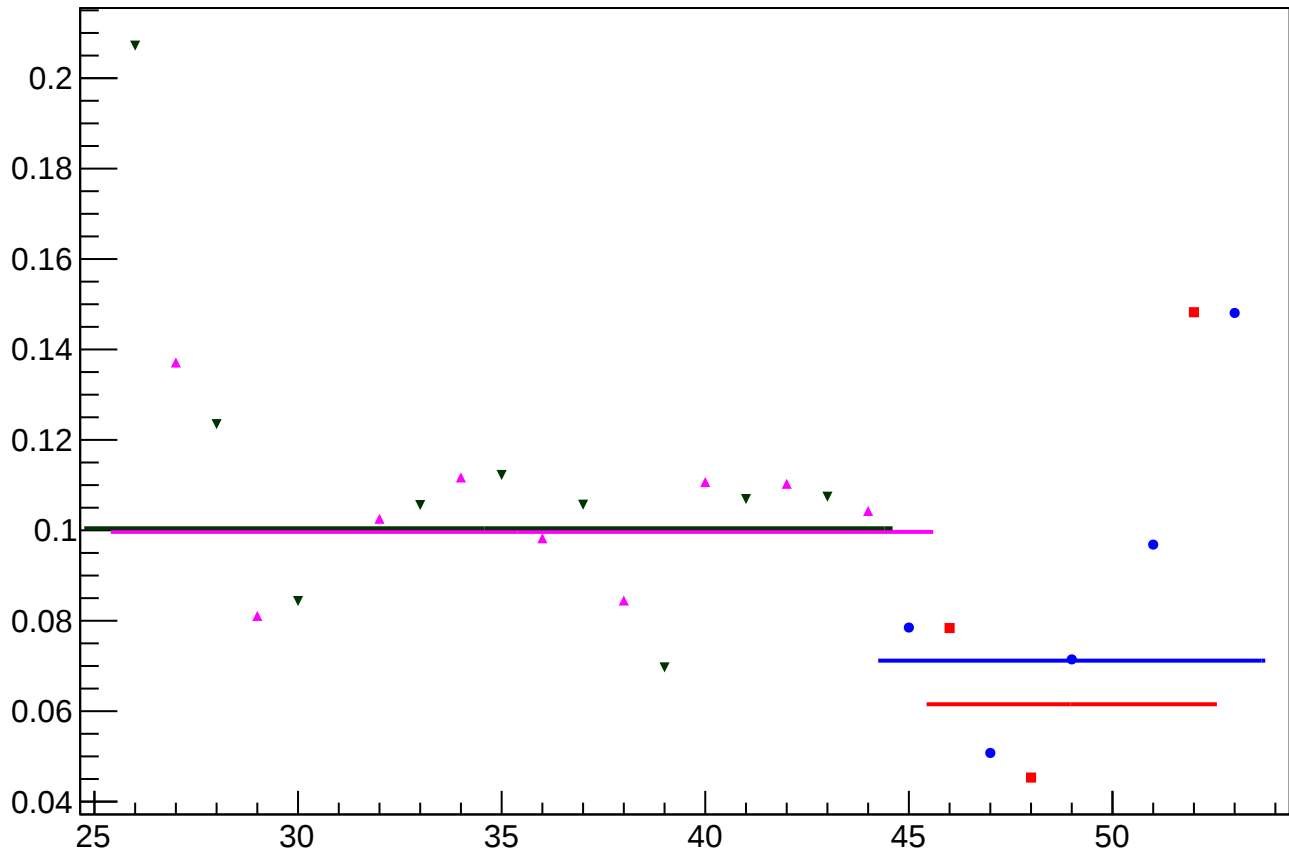
Right Out: 18.279+/-0.000 χ^2/NDF : 20429258.4/2

Left In: 28.322+/-0.000 χ^2/NDF :8116600744.9/8

22.511+/-0.000 χ^2/NDF : 19976343323.1/13

24.749+/-0.000 χ^2/NDF : 26426277046.1/11

yield_sam7_rms vs slug



Right In: 0.071 ± 0.000 χ^2/NDF : 470771.0/4

Left Out: 0.100 ± 0.000 χ^2/NDF : 510789.5/8

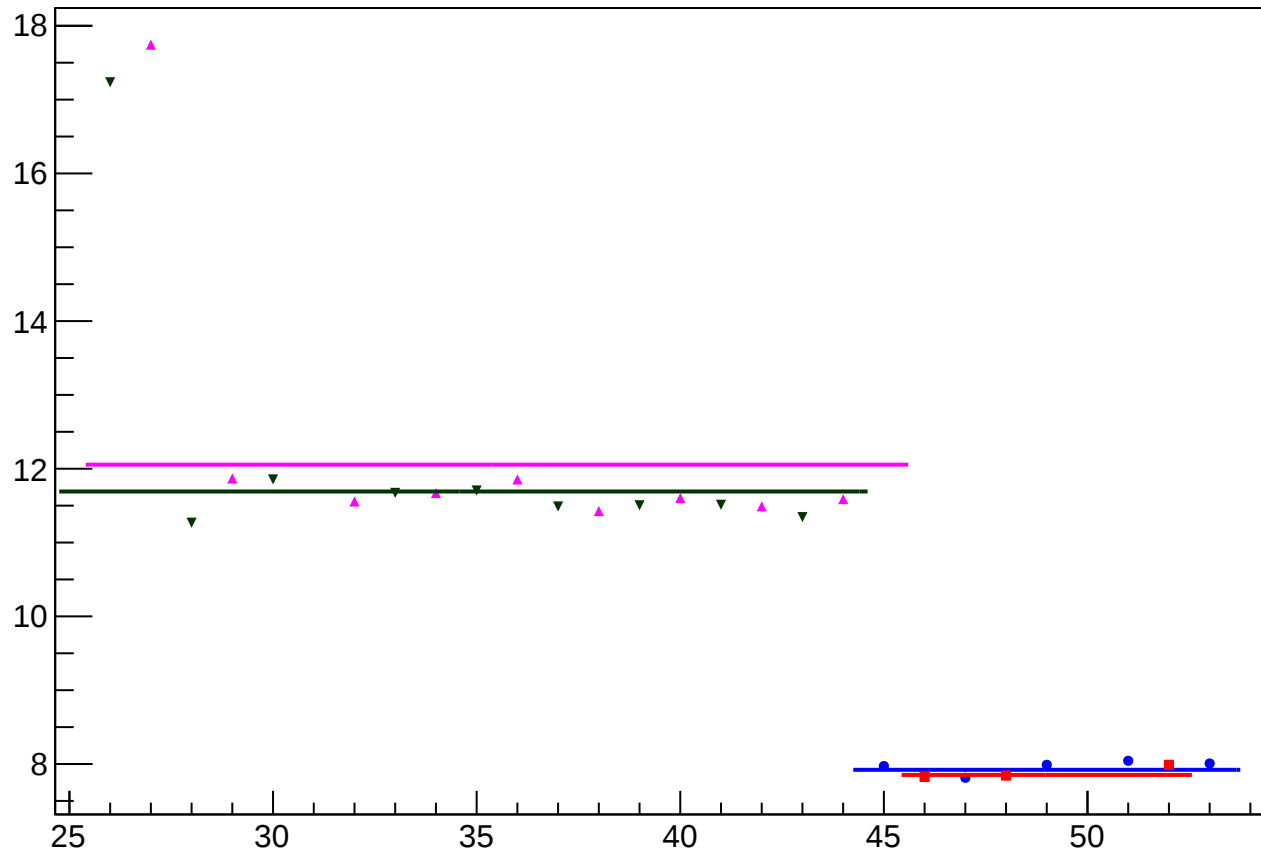
0.085 ± 0.000 χ^2/NDF : 1370081.8/13

Right Out: 0.062 ± 0.000 χ^2/NDF : 485429.7/2

0.086 ± 0.000 χ^2/NDF : 1267767.6/11

Left In: 0.100 ± 0.000 χ^2/NDF : 255423.8/8

yield_sam8_mean vs slug



Right In: 7.922+/-0.000 χ^2/NDF : 16652532.3/4

Left Out: 11.692+/-0.000 χ^2/NDF : 1573980124.5/8

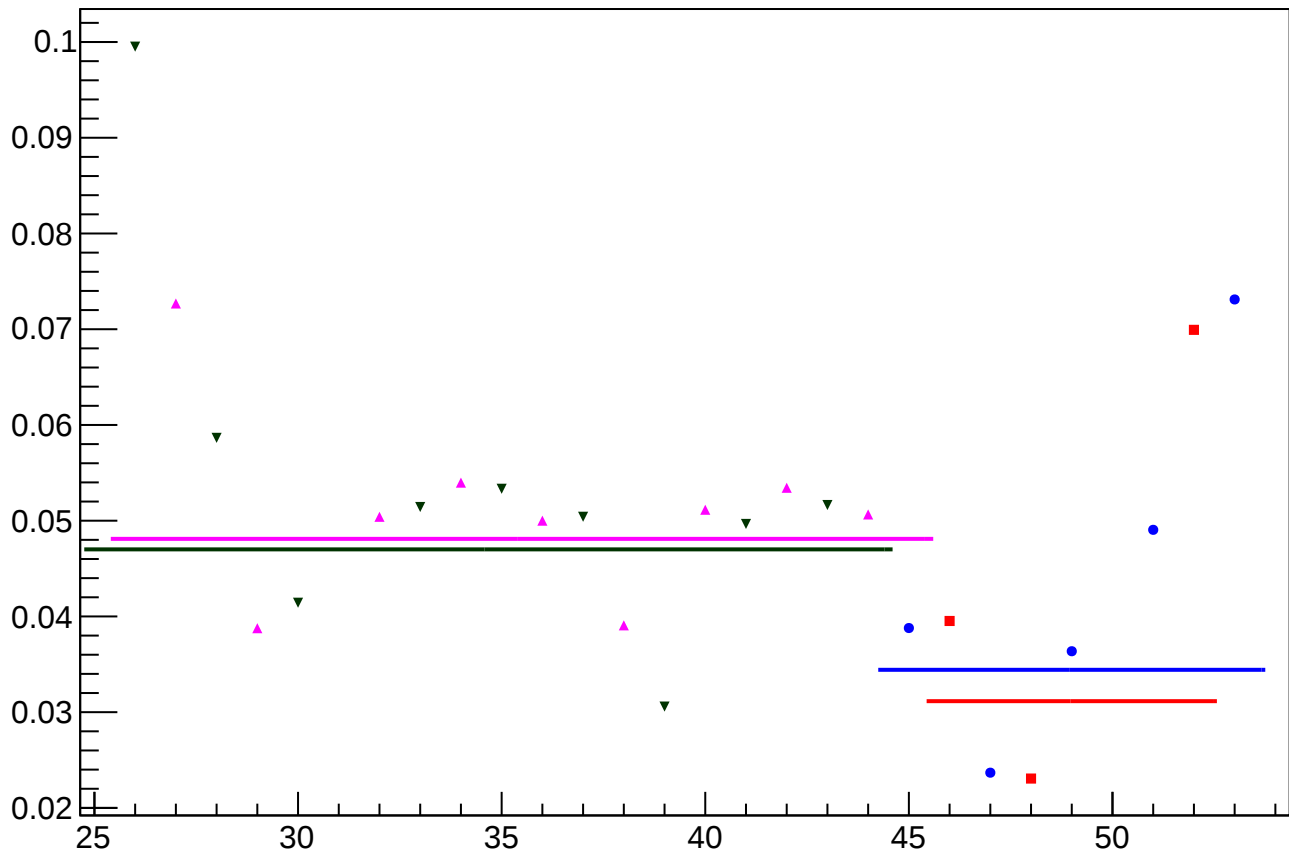
Right Out: 7.852+/-0.000 χ^2/NDF : 2186765.0/2

Left In: 12.055+/-0.000 χ^2/NDF : 5109211939.8/8

9.757+/-0.000 χ^2/NDF : 15884546186.3/13

10.620+/-0.000 χ^2/NDF : 18368546022.1/11

yield_sam8_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 551850.9/4

Left Out: 0.047+/-0.000 χ^2/NDF : 613205.8/8

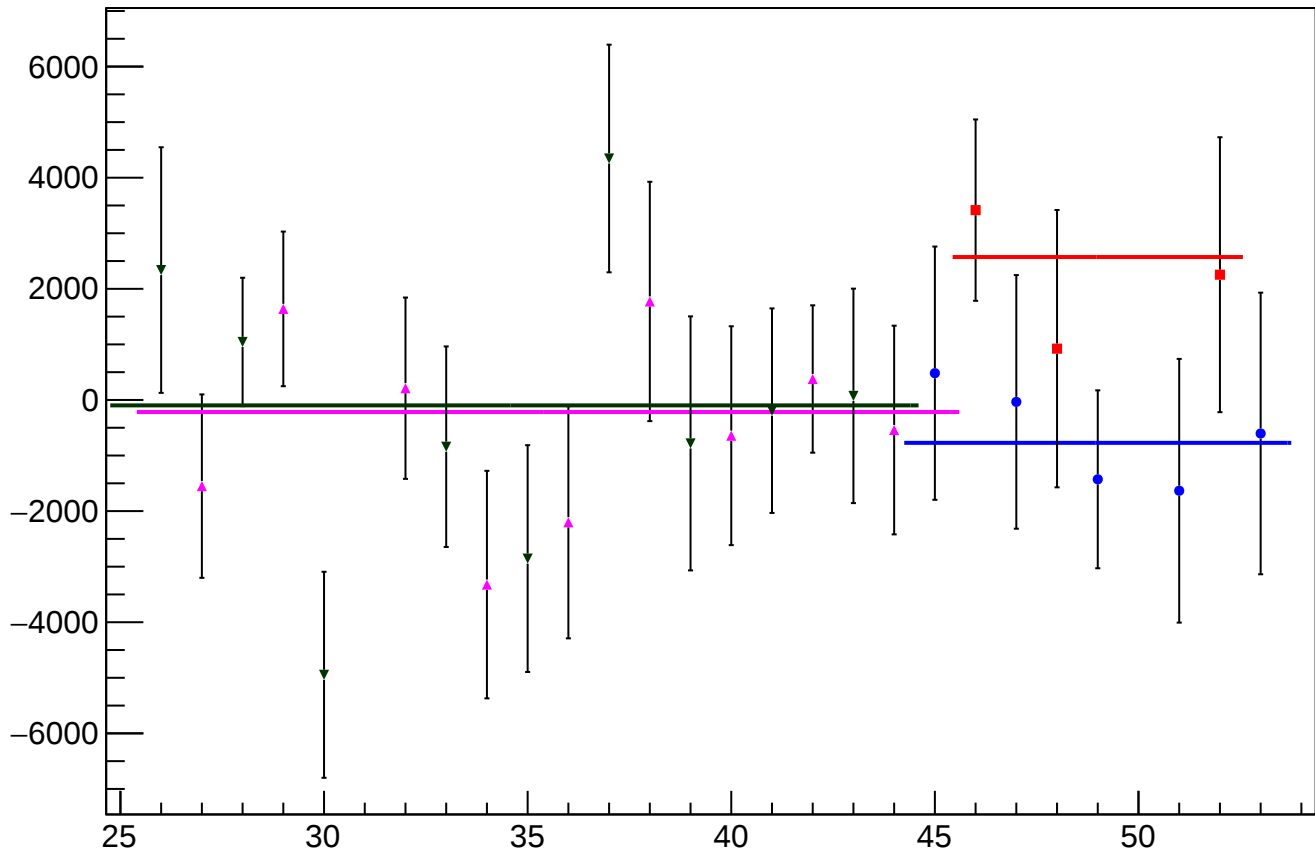
Right Out: 0.031+/-0.000 χ^2/NDF : 449141.2/2

Left In: 0.048+/-0.000 χ^2/NDF : 348771.4/8

0.041+/-0.000 χ^2/NDF : 1483362.4/13

0.042+/-0.000 χ^2/NDF : 1229443.8/11

cor_sam1_mean vs slug



Right In: -771.503+/-950.043 χ^2/NDF : 0.7/4

Left Out: -97.646+/-599.085 χ^2/NDF :15.8/8

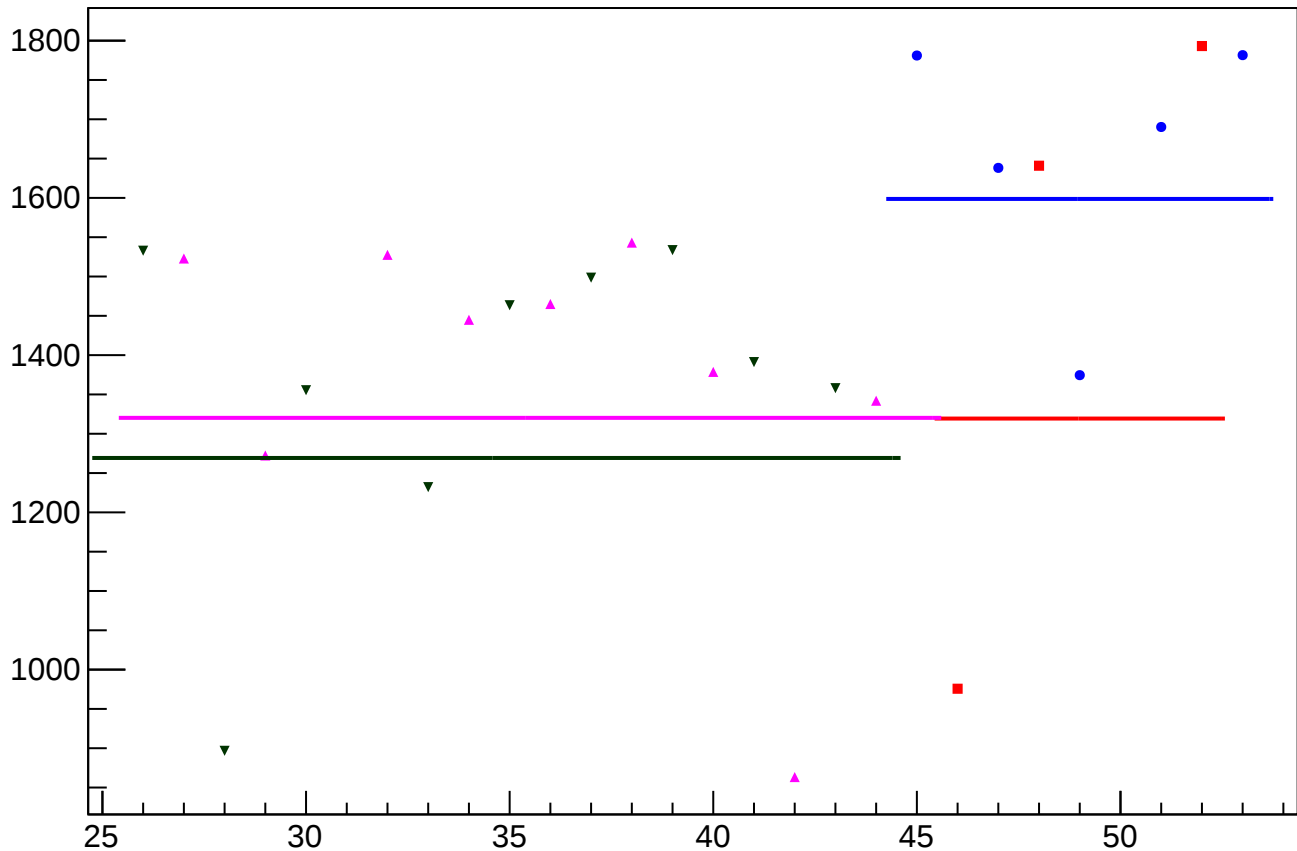
-289.364+/-506.747 χ^2/NDF : 16.9/13

Right Out: 2572.617+/-1195.706 χ^2/NDF : 0.7/2

303.037+/-516.259 χ^2/NDF : 12.0/11

Left In: -216.993+/-572.356 χ^2/NDF :6.8/8

cor_sam1_rms vs slug



Right In: 1598.682 $\pm$ 0.672 χ^2 /NDF: 66010.1/4

Left Out: 1269.198 $\pm$ 0.424 χ^2 /NDF: 324708.5/8

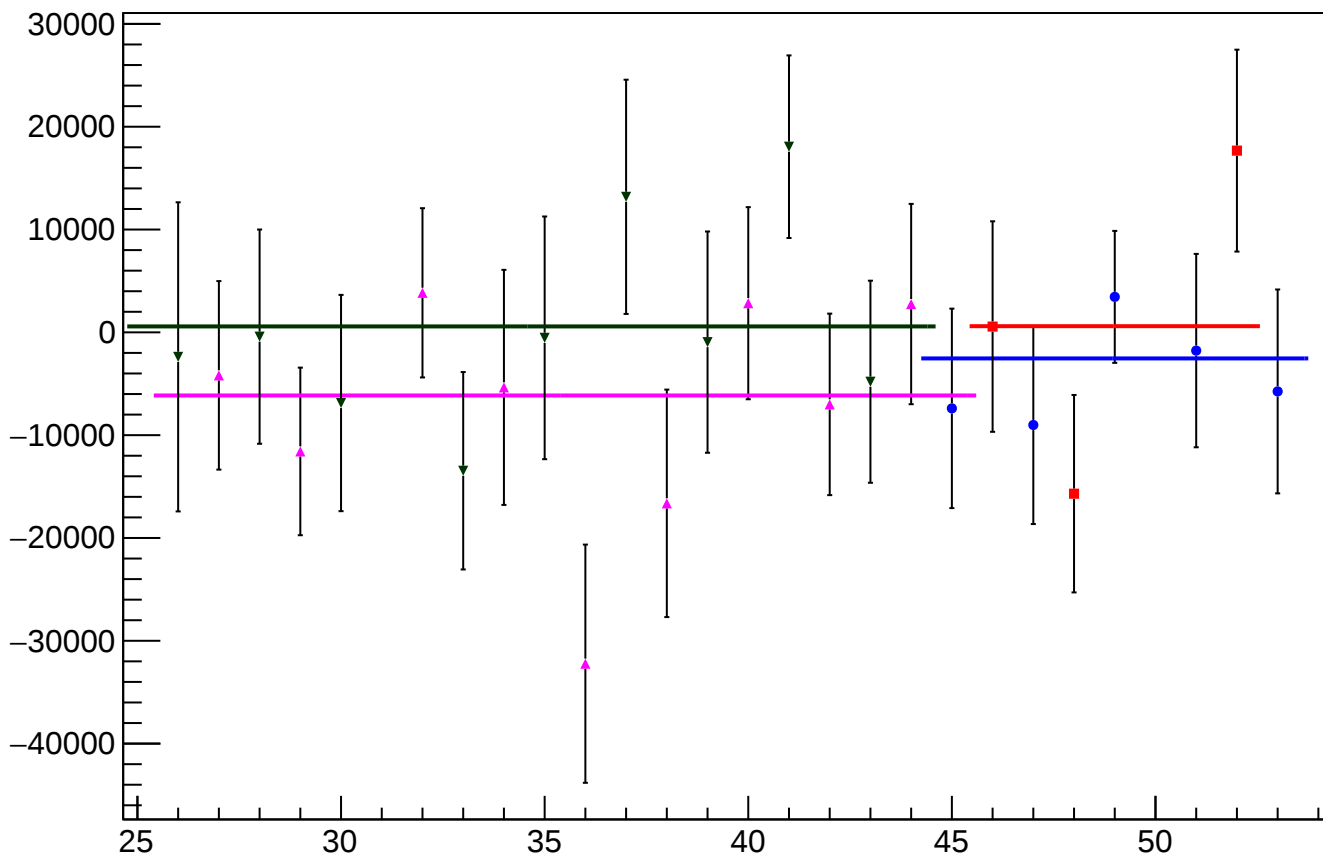
Right Out: 1319.329 $\pm$ 0.845 χ^2 /NDF: 195269.8/2

Left In: 1320.225 $\pm$ 0.405 χ^2 /NDF: 342760.5/8

1362.939 $\pm$ 0.358 χ^2 /NDF: 562832.9/13

1320.058 $\pm$ 0.365 χ^2 /NDF: 538031.3/11

cor_sam2_mean vs slug



Right In: -2535.788±/3858.436 χ^2/NDF : 1.7/4

Left Out: 577.076±/3533.752 χ^2/NDF : 8.1/8

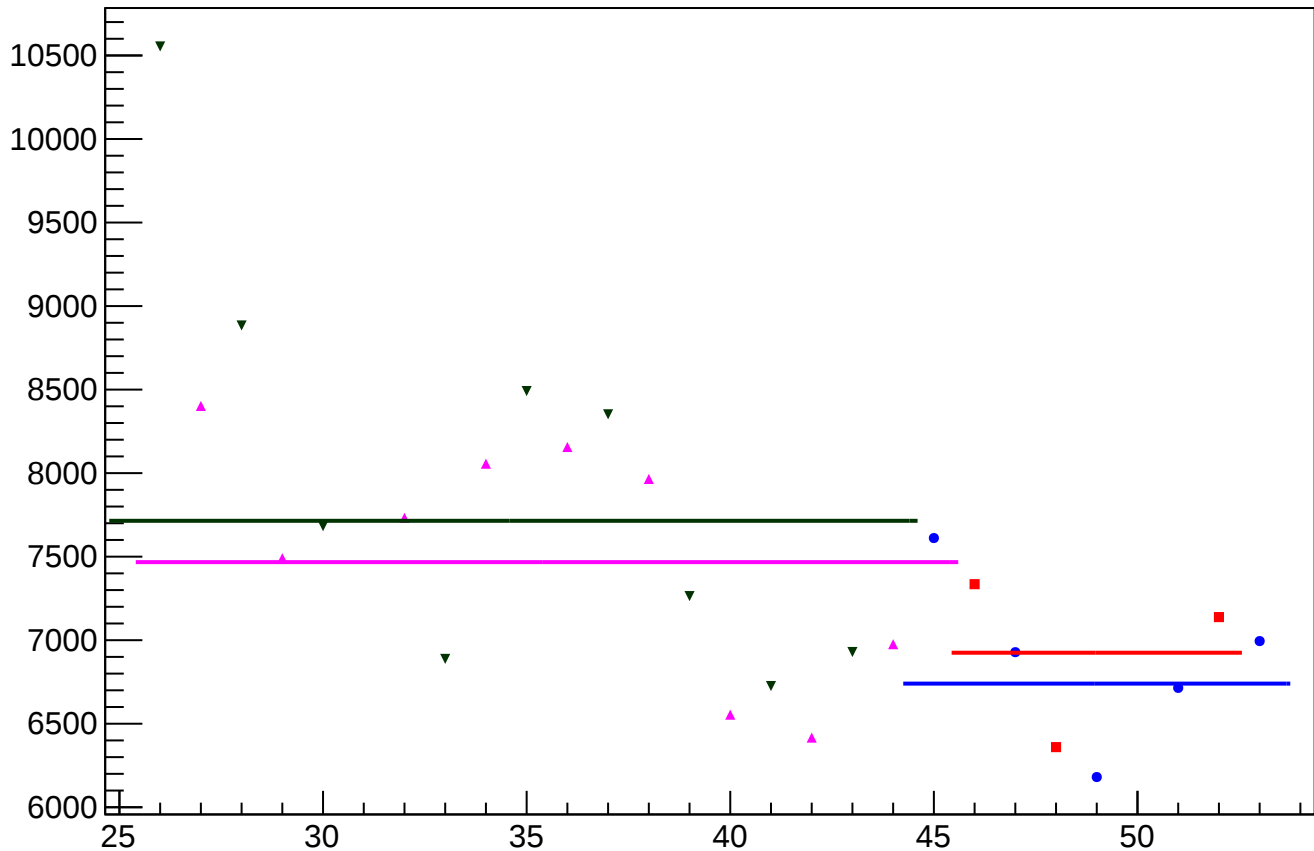
Right Out: 600.146±/5701.978 χ^2/NDF : 5.9/2

Left In: -6139.136±/3165.220 χ^2/NDF : 9.7/8

-842.894±/2605.979 χ^2/NDF : 10.2/13

-4551.635±/2767.424 χ^2/NDF : 16.7/11

cor_sam2_rms vs slug



Right In: 6740.104+/-2.728 χ^2/NDF : 33429.3/4

Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

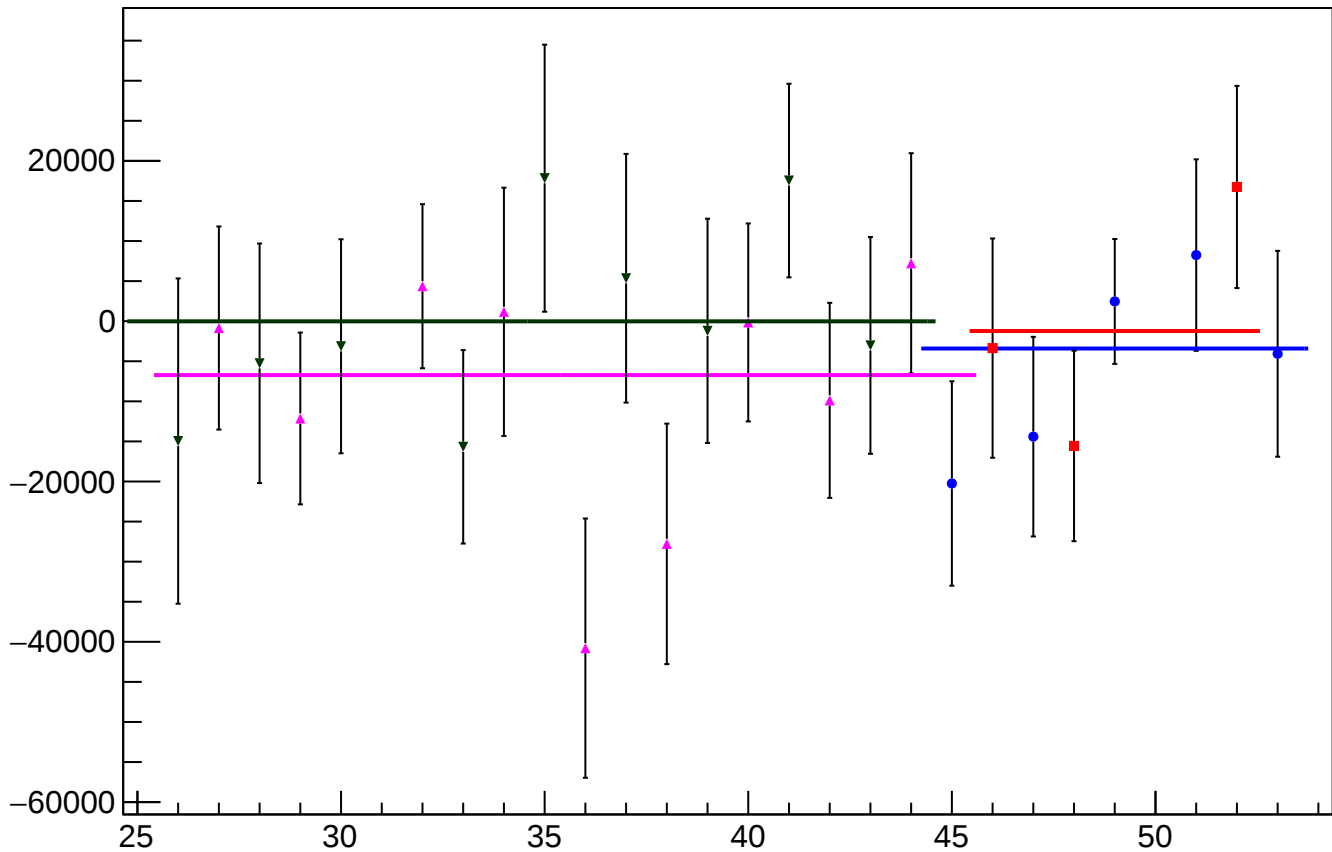
7270.089+/-1.843 χ^2/NDF : 270209.0/13

Right Out: 6924.947+/-4.032 χ^2/NDF : 11081.1/2

7339.471+/-1.957 χ^2/NDF : 116755.0/11

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

cor_sam3_mean vs slug



Right In: -3409.695 $\pm$ 4871.248 χ^2 /NDF: 4.0/4

Left Out: -18.907 $\pm$ 4736.066 χ^2 /NDF: 5.8/8

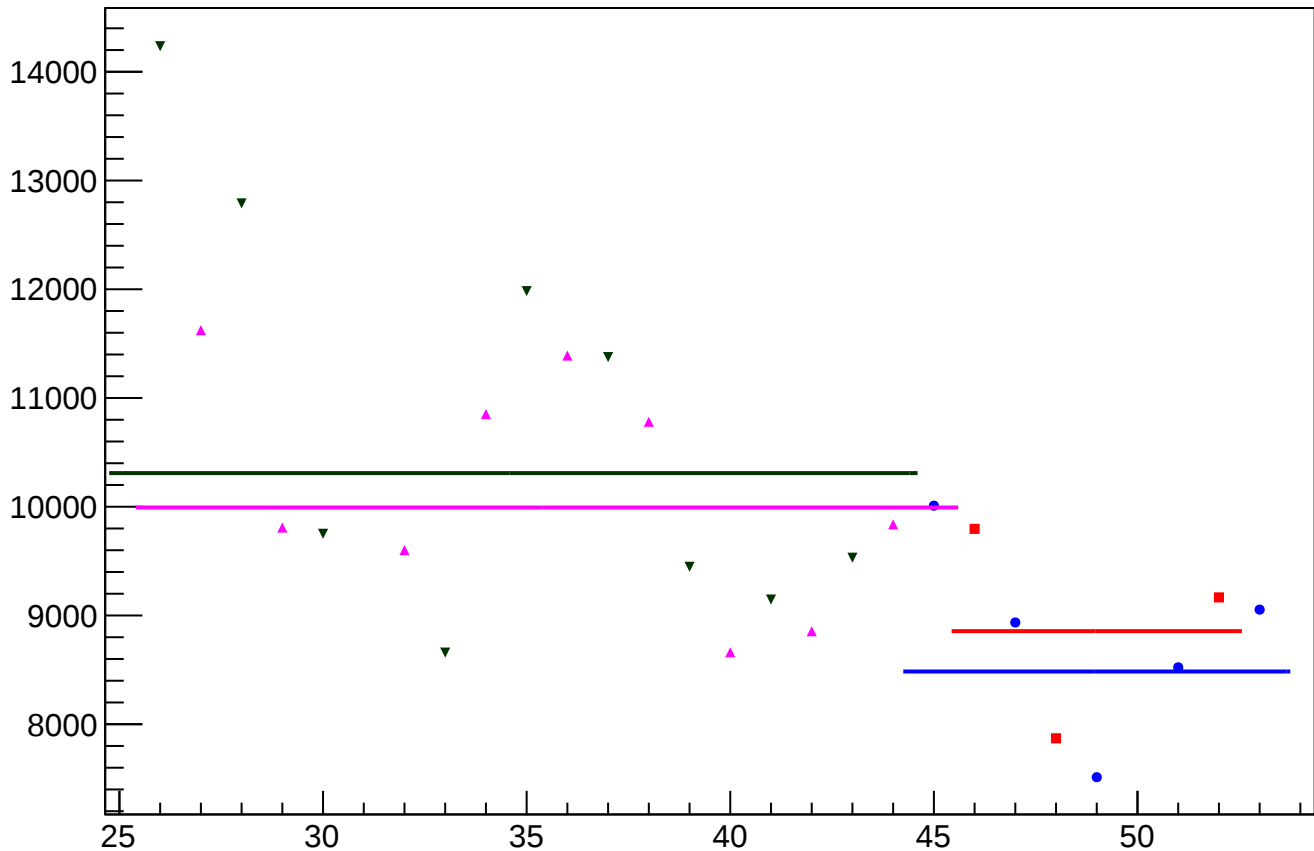
-1666.600 $\pm$ 3395.690 χ^2 /NDF: 10.1/13

Right Out: -1223.615 $\pm$ 7309.950 χ^2 /NDF: 3.5/2

Left In: -6722.901 $\pm$ 4244.094 χ^2 /NDF: 9.7/8

-5336.502 $\pm$ 3670.331 χ^2 /NDF: 13.6/11

cor_sam3_rms vs slug



Right In: 8484.762+/-3.444 χ^2/NDF : 66293.6/4

Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

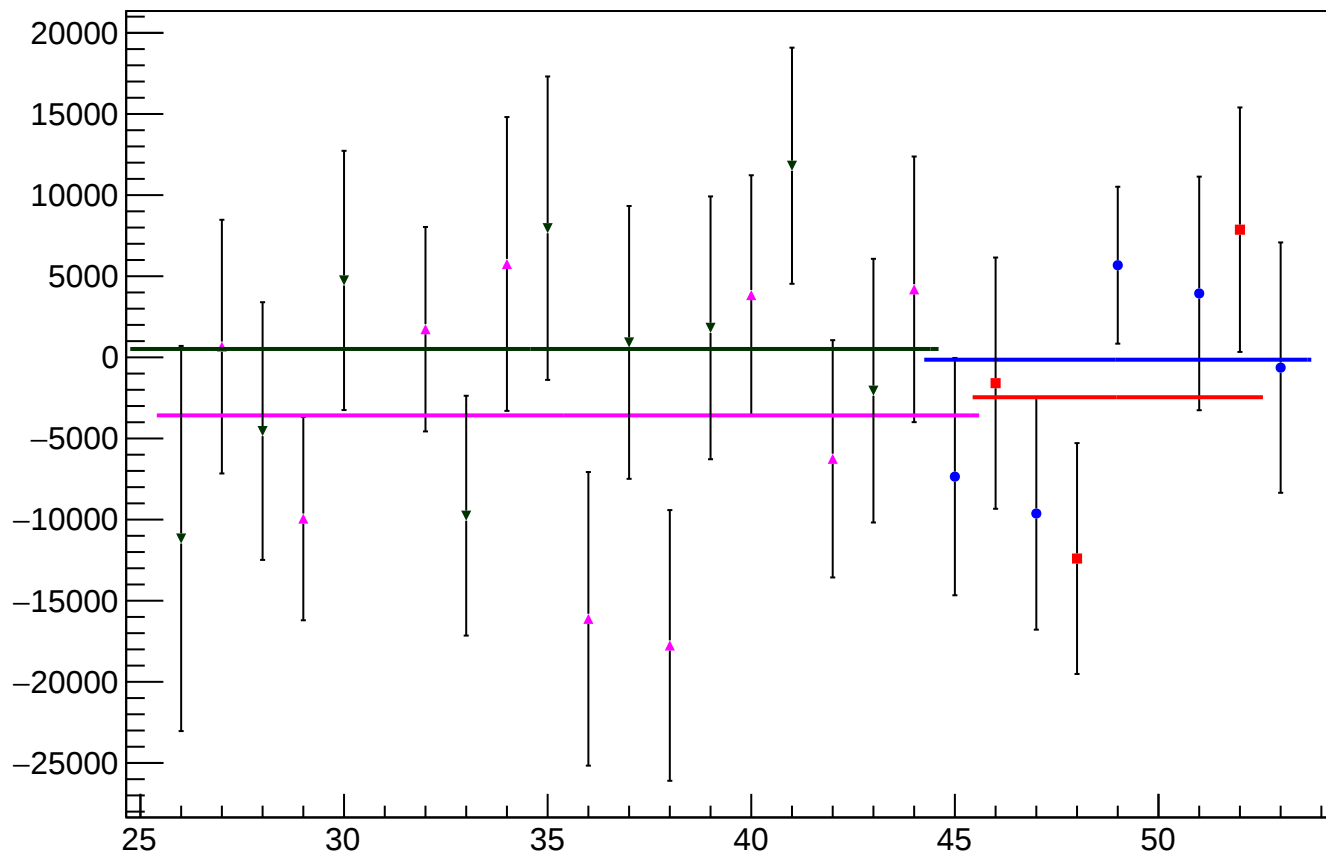
9422.732+/-2.401 χ^2/NDF : 443802.7/13

Right Out: 8855.995+/-5.169 χ^2/NDF : 24425.1/2

9706.443+/-2.595 χ^2/NDF : 164832.1/11

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: -144.988 ± 2922.729 χ^2/NDF : 4.5/4

Left Out: 516.734 ± 2754.718 χ^2/NDF : 6.8/8

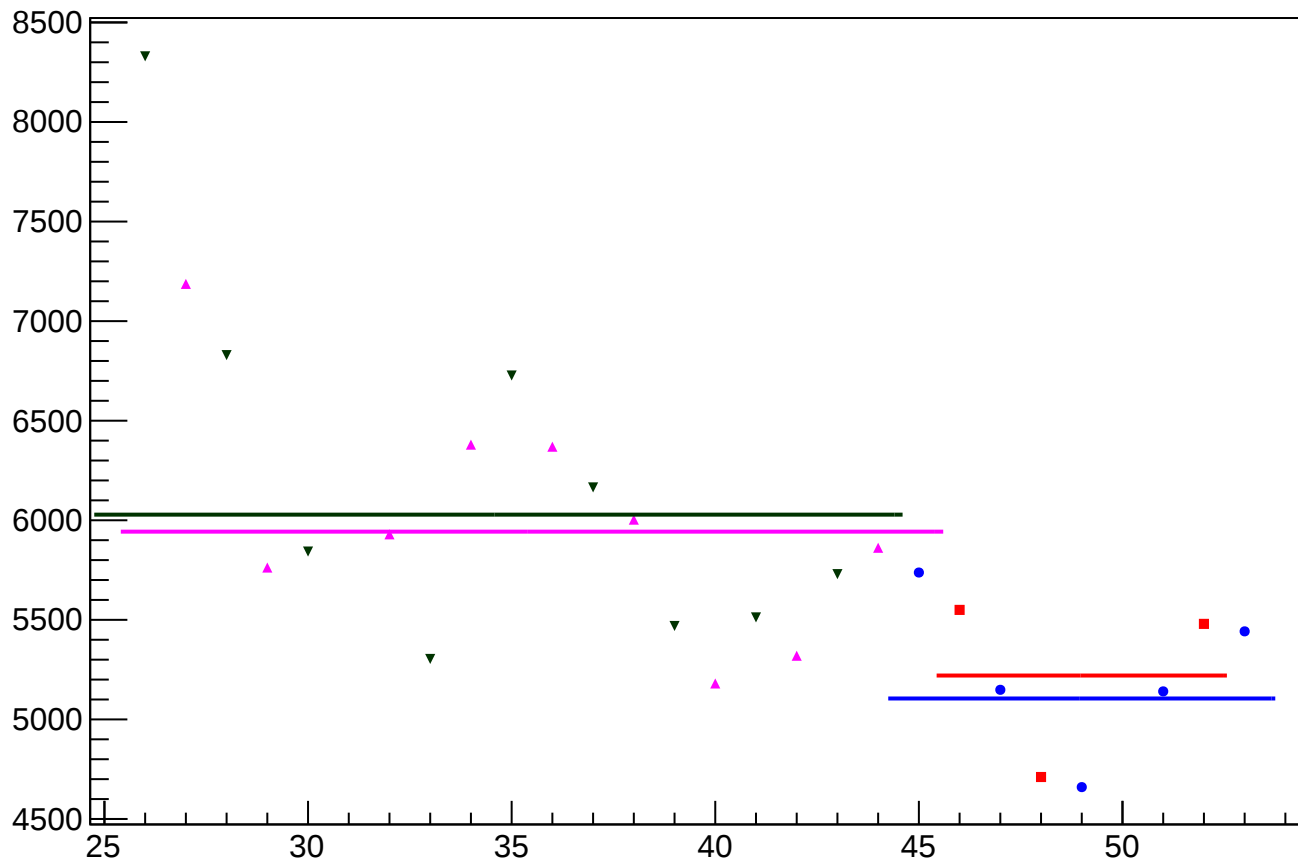
Right Out: -2458.416 ± 4301.462 χ^2/NDF : 3.8/2

Left In: -3577.200 ± 2517.750 χ^2/NDF : 10.0/8

205.438 ± 2004.645 χ^2/NDF : 11.3/13

-3291.710 ± 2172.894 χ^2/NDF : 13.8/11

cor_sam4_rms vs slug



Right In: 5105.065+/-2.067 χ^2/NDF : 35845.4/4

Left Out: 6028.268+/-1.948 χ^2/NDF :149820.8/8

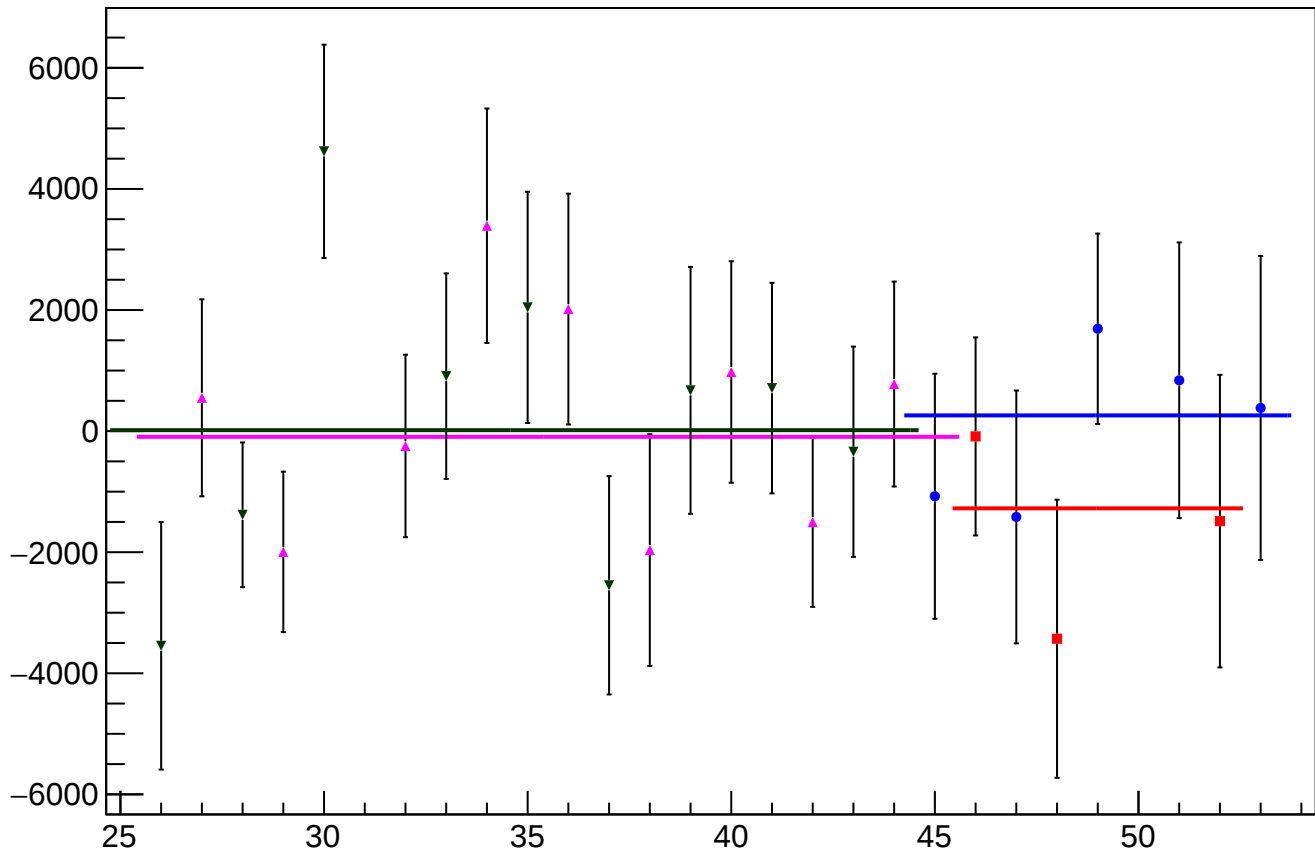
Right Out: 5220.351+/-3.042 χ^2/NDF : 16253.2/2

Left In: 5942.882+/-1.780 χ^2/NDF :97554.4/8

5593.963+/-1.417 χ^2/NDF : 291340.3/13

5758.507+/-1.536 χ^2/NDF : 155837.8/11

cor_sam5_mean vs slug



Right In: 259.501 $\pm$ 901.763 χ^2 /NDF: 2.0/4

Left Out: 15.632 $\pm$ 568.606 χ^2 /NDF:15.0/8

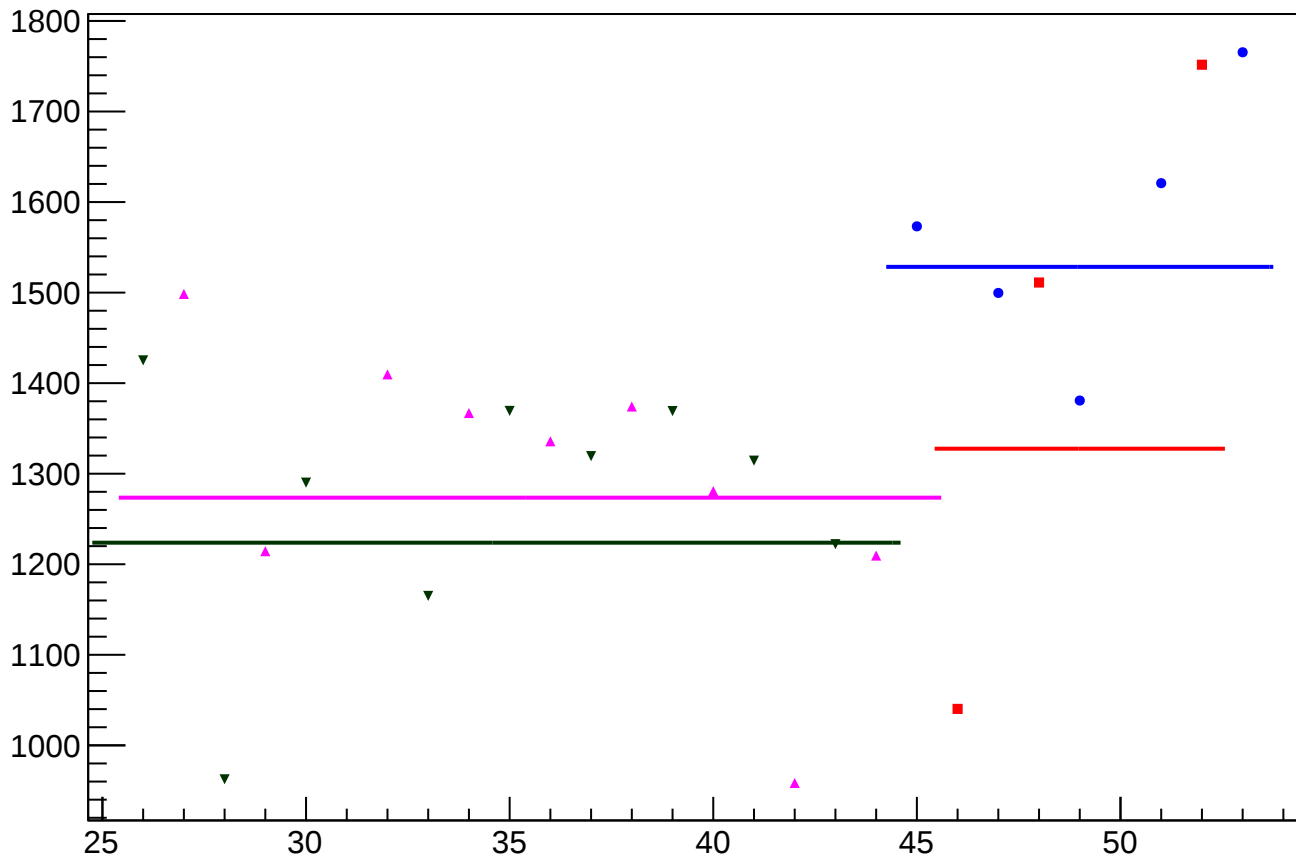
Right Out: -1275.958 $\pm$ 1166.688 χ^2 /NDF: 1.4/2

Left In: -94.301 $\pm$ 545.541 χ^2 /NDF:9.3/8

85.009 $\pm$ 480.973 χ^2 /NDF: 17.0/13

-306.312 $\pm$ 494.183 χ^2 /NDF: 11.5/11

cor_sam5_rms vs slug



Right In: 1528.435 $\pm$ 0.638 χ^2 /NDF: 40118.7/4

Left Out: 1223.816 $\pm$ 0.402 χ^2 /NDF:153031.9/8

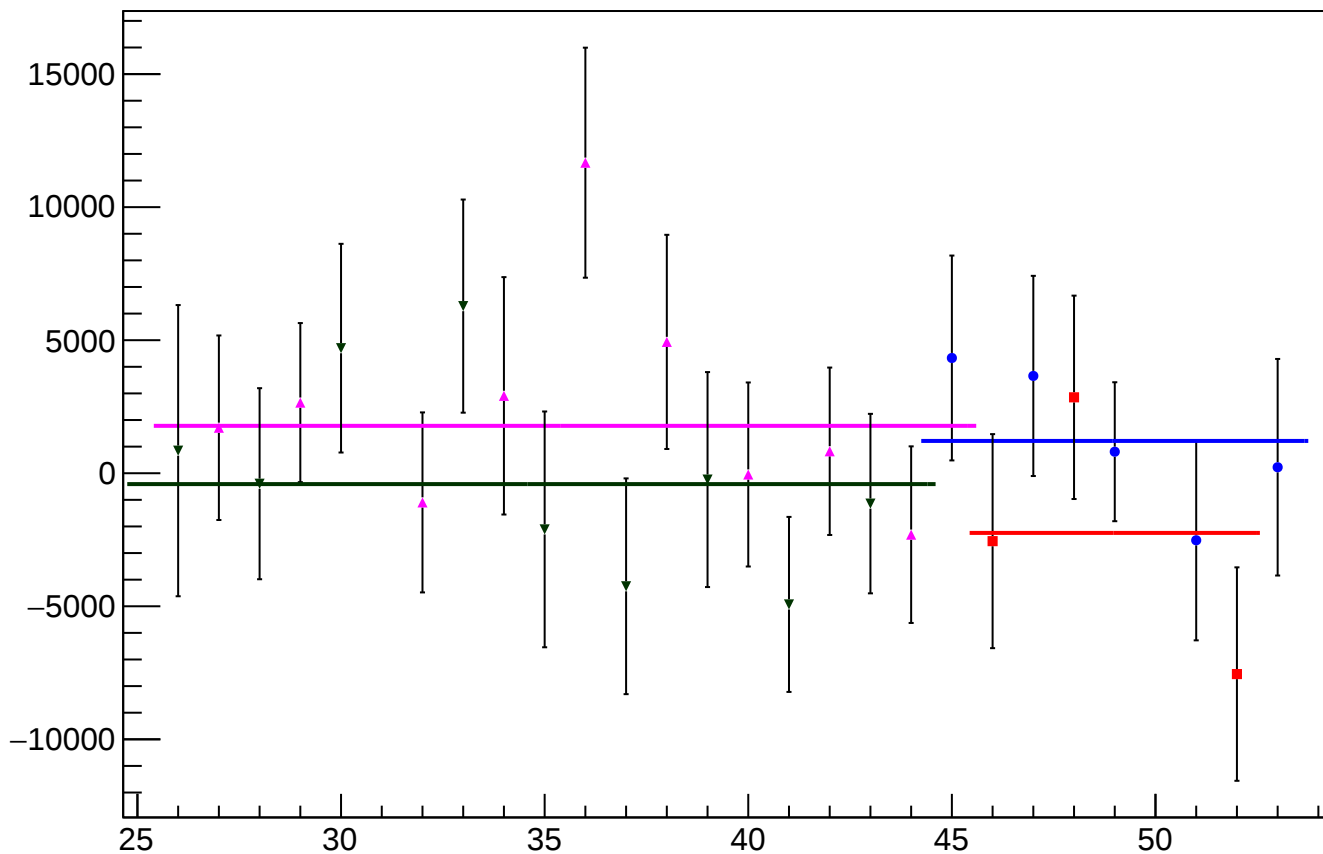
1310.475 $\pm$ 0.340 χ^2 /NDF: 356447.8/13

Right Out: 1327.622 $\pm$ 0.825 χ^2 /NDF: 136121.5/2

1283.248 $\pm$ 0.349 χ^2 /NDF: 314636.4/11

Left In: 1273.545 $\pm$ 0.386 χ^2 /NDF:174989.1/8

cor_sam6_mean vs slug



Right In: 1213.979 ± 1550.679 $\chi^2/\text{NDF}: 2.1/4$

Left Out: -408.383 ± 1299.964 $\chi^2/\text{NDF}: 7.5/8$

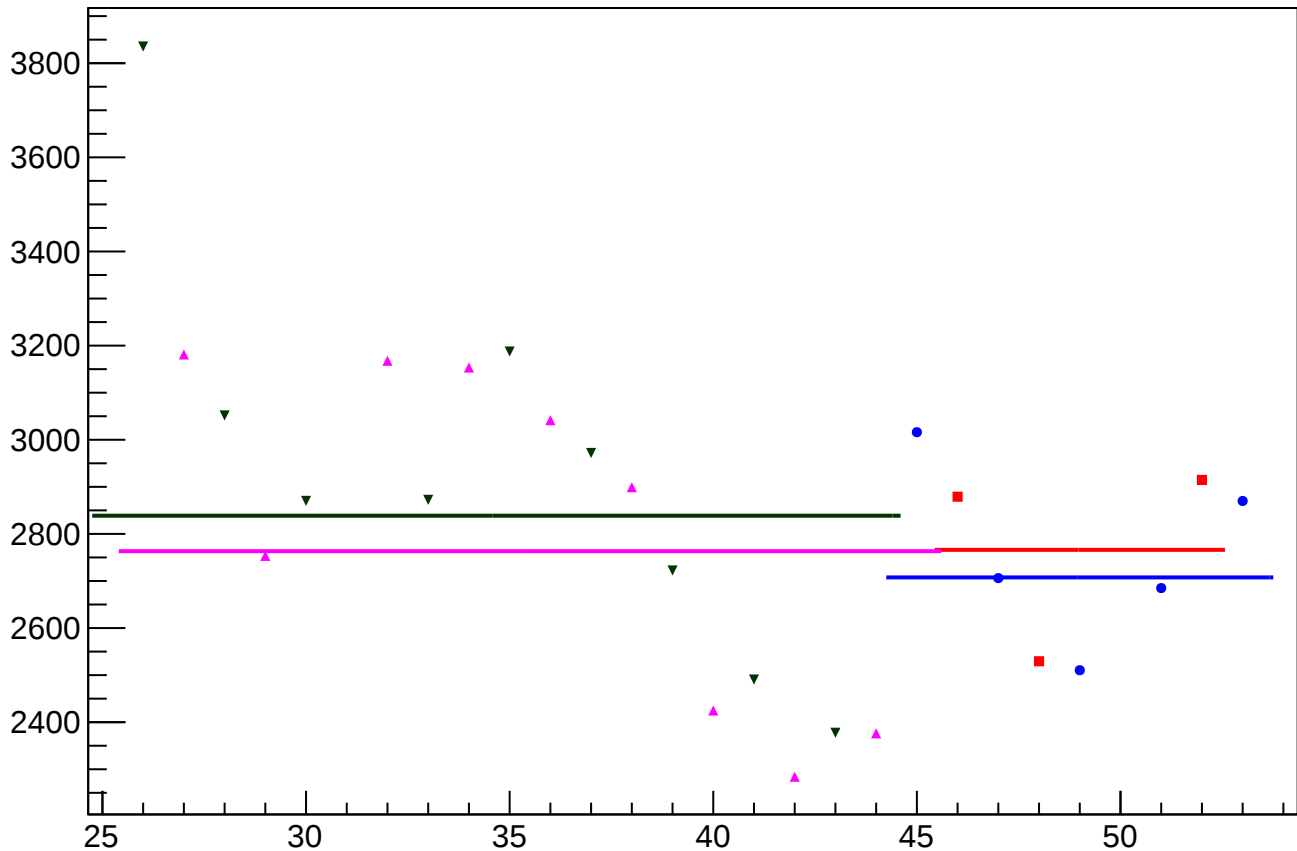
Right Out: -2242.746 ± 2279.568 $\chi^2/\text{NDF}: 3.5/2$

Left In: 1781.426 ± 1175.729 $\chi^2/\text{NDF}: 8.6/8$

261.206 ± 996.213 $\chi^2/\text{NDF}: 10.3/13$

935.862 ± 1044.931 $\chi^2/\text{NDF}: 14.6/11$

cor_sam6_rms vs slug



Right In: 2707.589+/-1.096 χ^2/NDF : 27505.9/4

Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

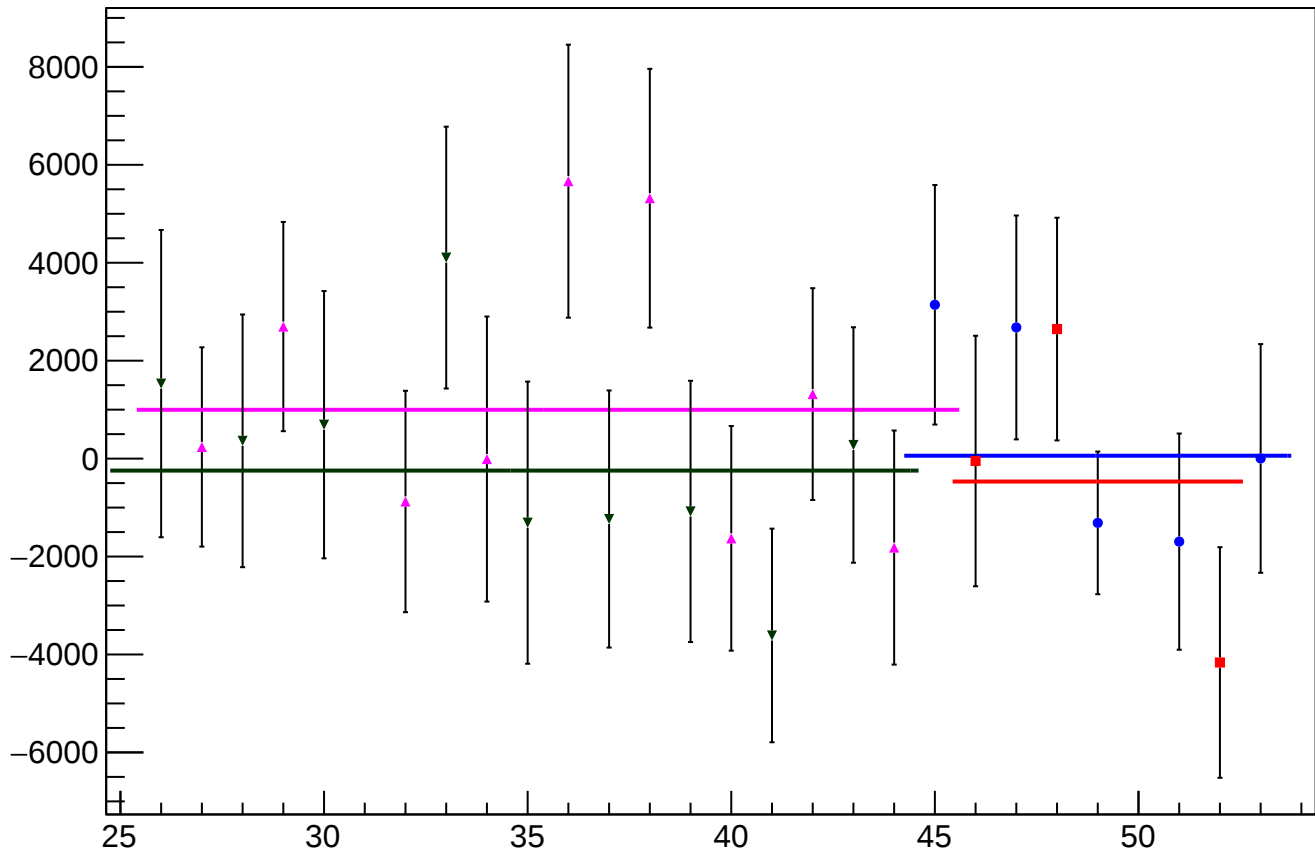
2784.576+/-0.704 χ^2/NDF : 185560.1/13

Right Out: 2766.146+/-1.612 χ^2/NDF : 11986.6/2

2763.934+/-0.739 χ^2/NDF : 188286.6/11

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

cor_sam7_mean vs slug



Right In: 59.123+/-905.984 χ^2/NDF : 4.4/4

Left Out: -244.491+/-871.961 χ^2/NDF : 5.9/8

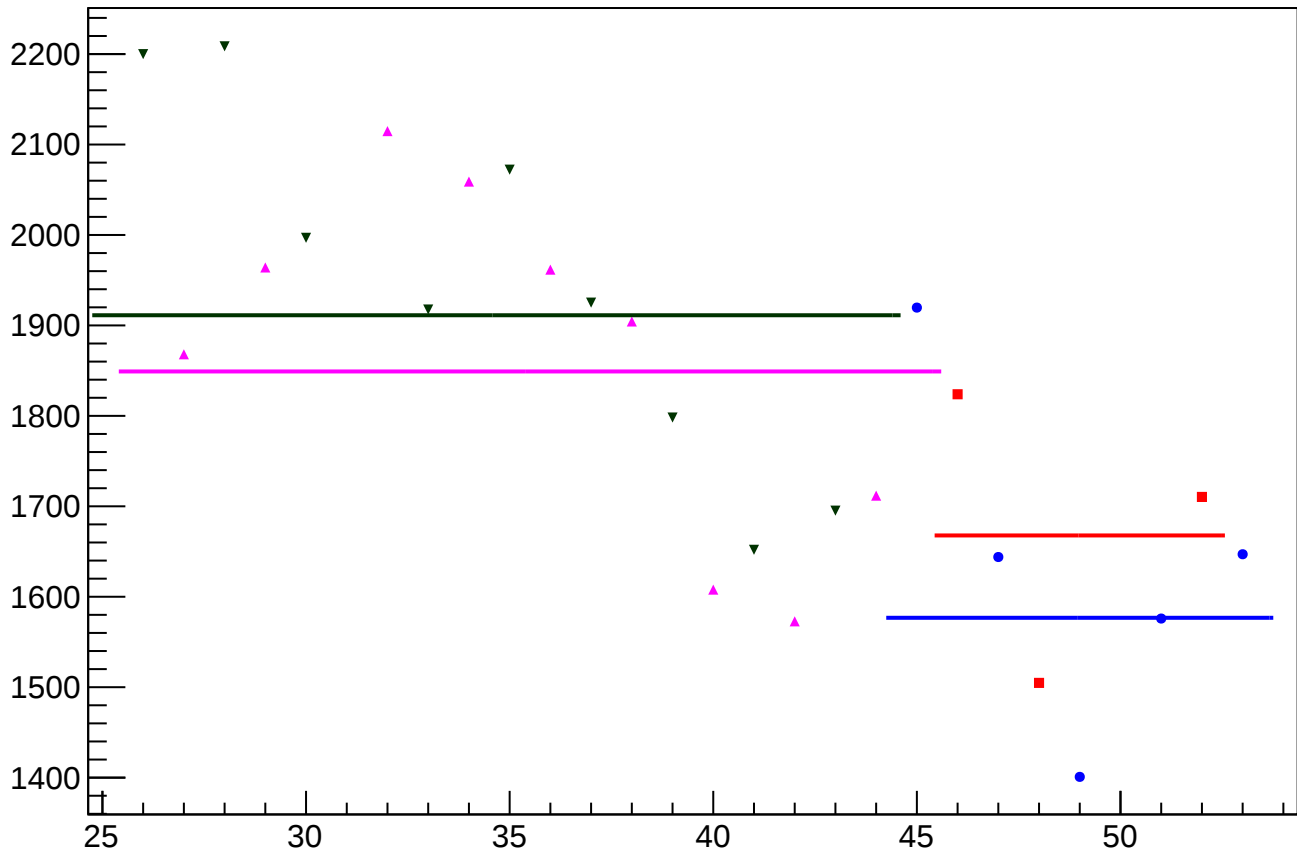
Right Out: -468.116+/-1377.993 χ^2/NDF : 4.4/2

Left In: 997.335+/-784.451 χ^2/NDF : 9.8/8

-98.492+/-628.253 χ^2/NDF : 10.4/13

638.663+/-681.727 χ^2/NDF : 15.0/11

cor_sam7_rms vs slug



Right In: 1576.745+/-0.641 χ^2/NDF : 72020.0/4

Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

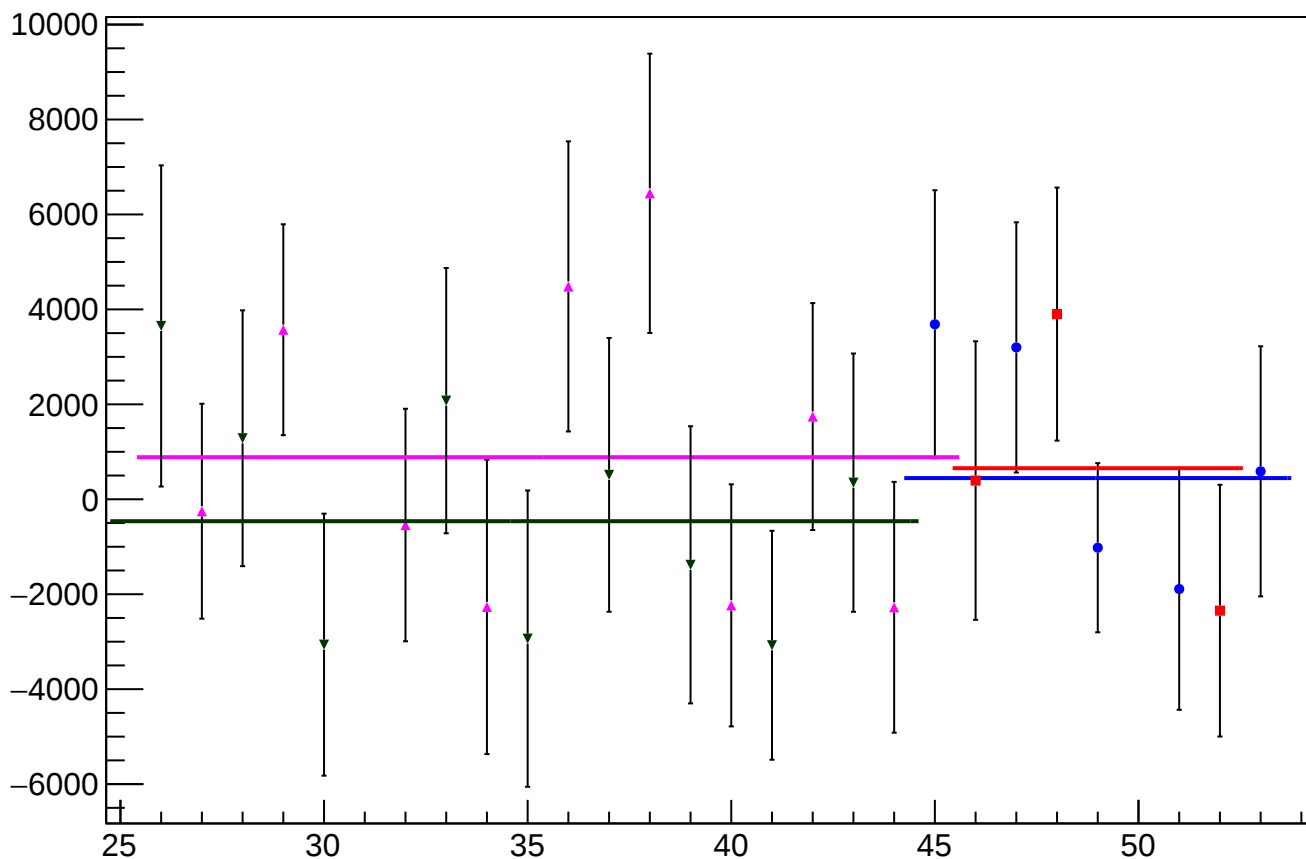
Right Out: 1667.783+/-0.974 χ^2/NDF : 18385.7/2

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

1750.396+/-0.444 χ^2/NDF : 313346.8/13

1804.723+/-0.482 χ^2/NDF : 154037.8/11

cor_sam8_mean vs slug



Right In: 446.619+/-1064.181 χ^2/NDF : 3.9/4

Left Out: -461.681+/-939.996 χ^2/NDF : 5.7/8

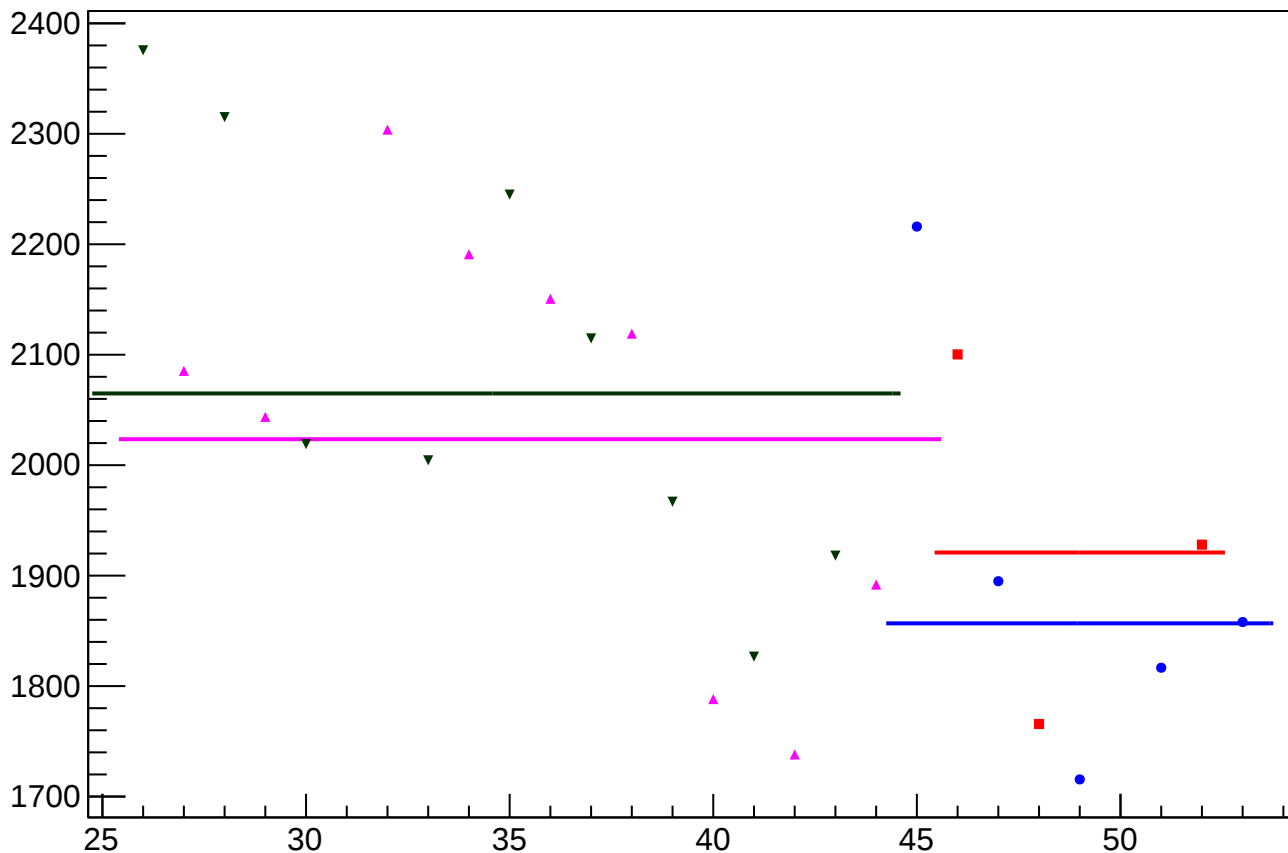
Right Out: 654.778+/-1582.865 χ^2/NDF : 2.8/2

Left In: 886.546+/-856.447 χ^2/NDF : 11.1/8

-63.597+/-704.512 χ^2/NDF : 10.1/13

834.059+/-753.254 χ^2/NDF : 13.9/11

cor_sam8_rms vs slug



Right In: 1856.806+/-0.752 χ^2/NDF : 45873.4/4

Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

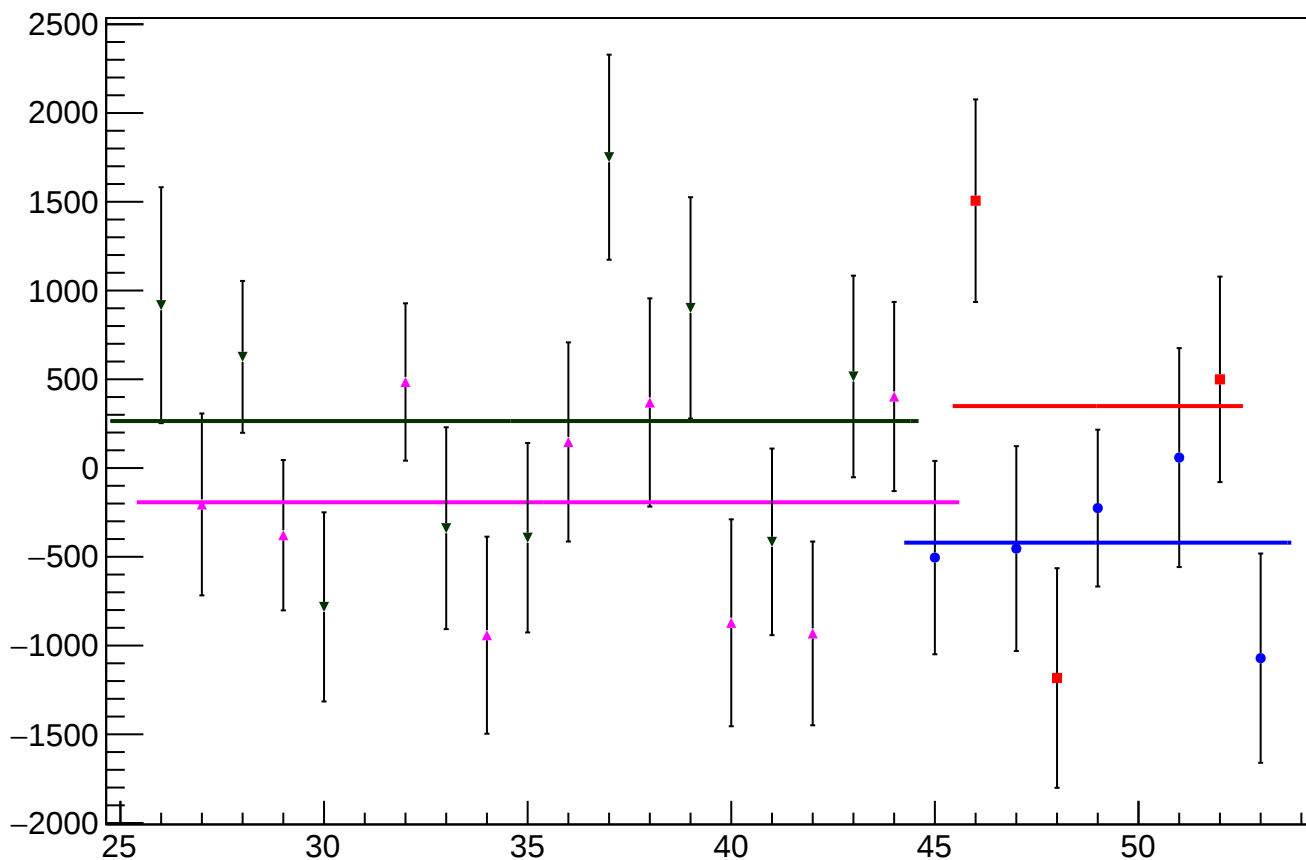
Right Out: 1920.937+/-1.119 χ^2/NDF : 14278.3/2

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

1973.722+/-0.498 χ^2/NDF : 159294.3/13

2000.290+/-0.533 χ^2/NDF : 110551.4/11

reg_asym_sam1_mean vs slug



Right In: -420.263+/-242.500 χ^2/NDF : 2.0/4

Left Out: 264.755+/-182.132 χ^2/NDF : 17.7/8

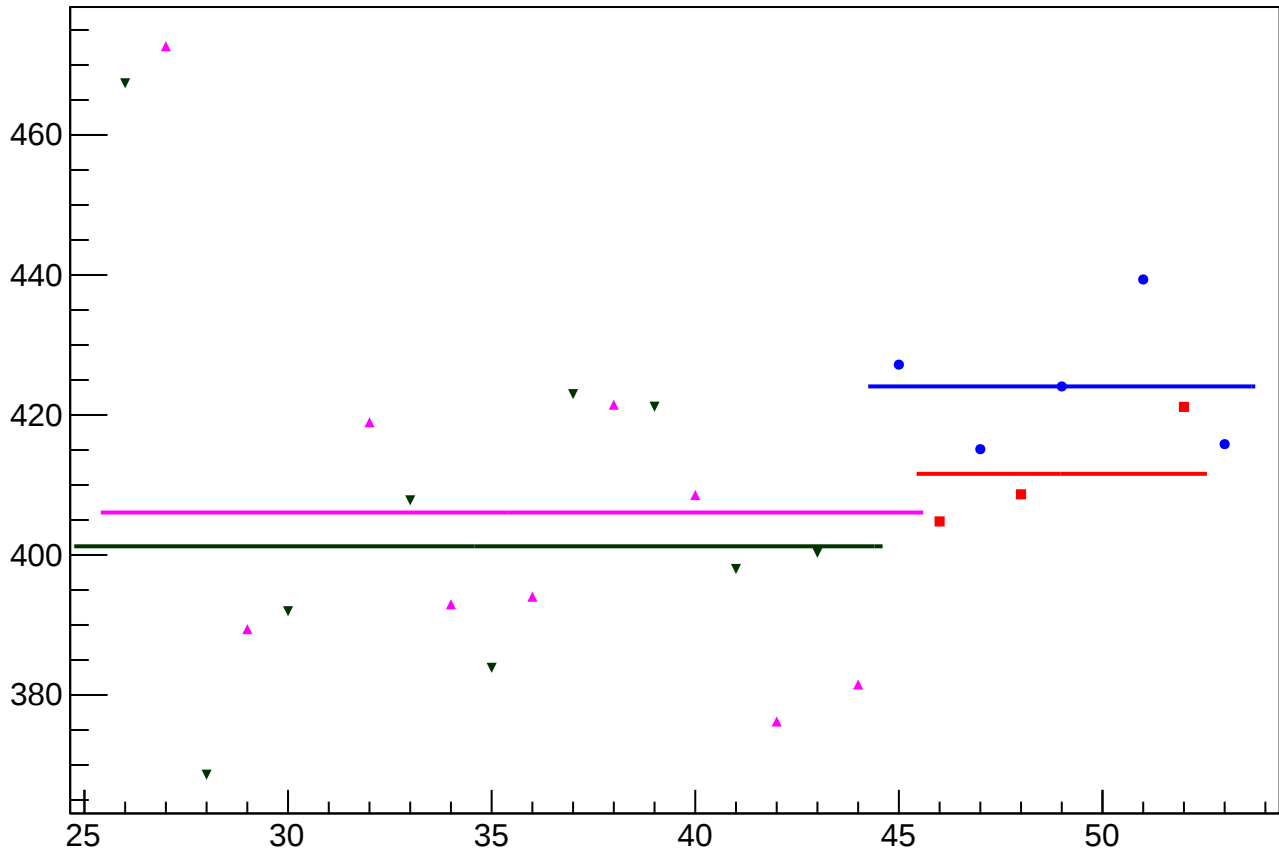
Right Out: 348.936+/-339.621 χ^2/NDF : 10.3/2

Left In: -192.929+/-171.479 χ^2/NDF : 10.3/8

17.703+/-145.632 χ^2/NDF : 24.9/13

-82.851+/-153.074 χ^2/NDF : 22.6/11

reg_asym_sam1_rms vs slug



Right In: 424.081+/-0.171 χ^2/NDF : 2167.1/4

Left Out: 401.241+/-0.129 χ^2/NDF : 39393.7/8

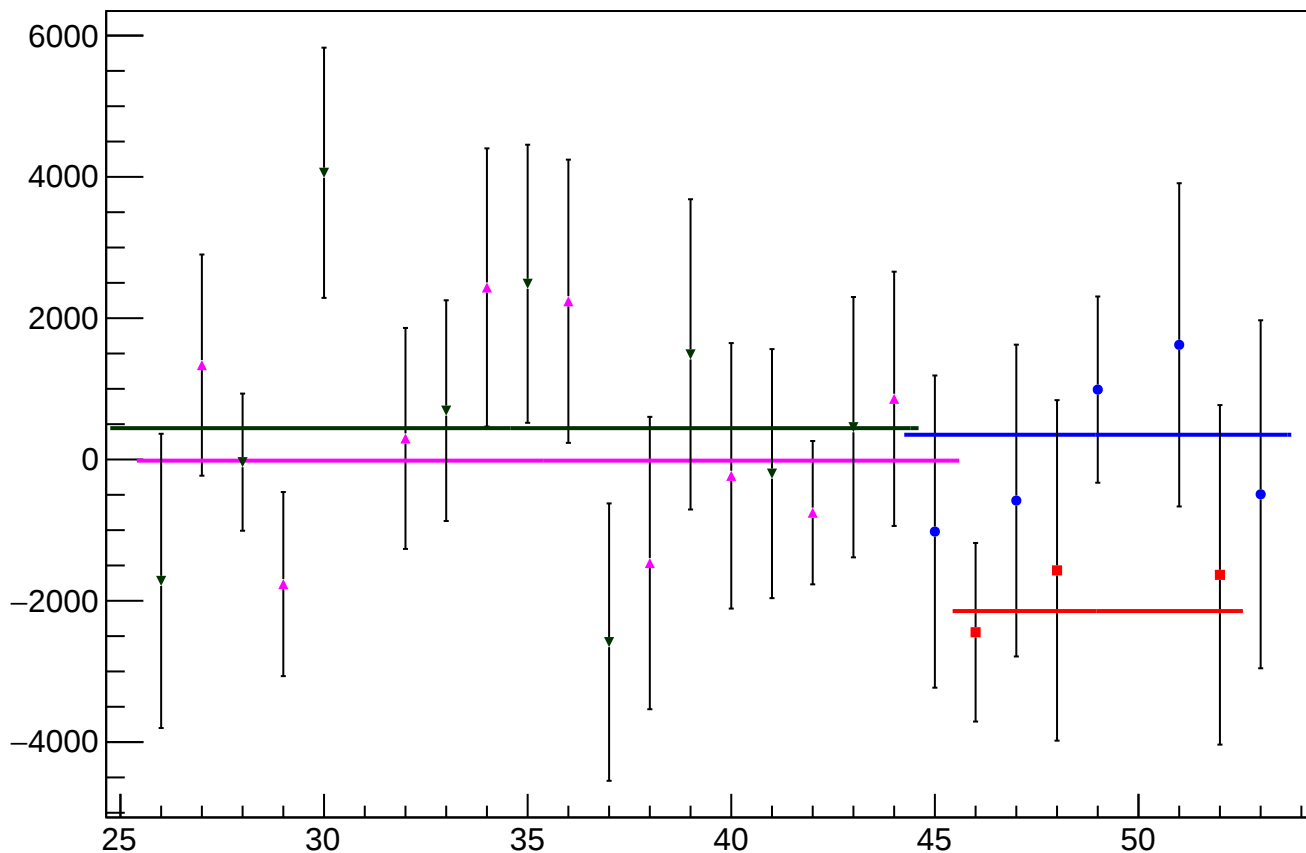
409.478+/-0.103 χ^2/NDF : 52903.9/13

Right Out: 411.594+/-0.240 χ^2/NDF : 874.8/2

407.190+/-0.108 χ^2/NDF : 54247.1/11

Left In: 406.067+/-0.121 χ^2/NDF : 52950.3/8

asym_sam1_correction_mean vs slug



Right In: 350.169 $\pm$ 863.219 χ^2/NDF : 1.2/4

Left Out: 443.599 $\pm$ 545.326 χ^2/NDF : 9.3/8

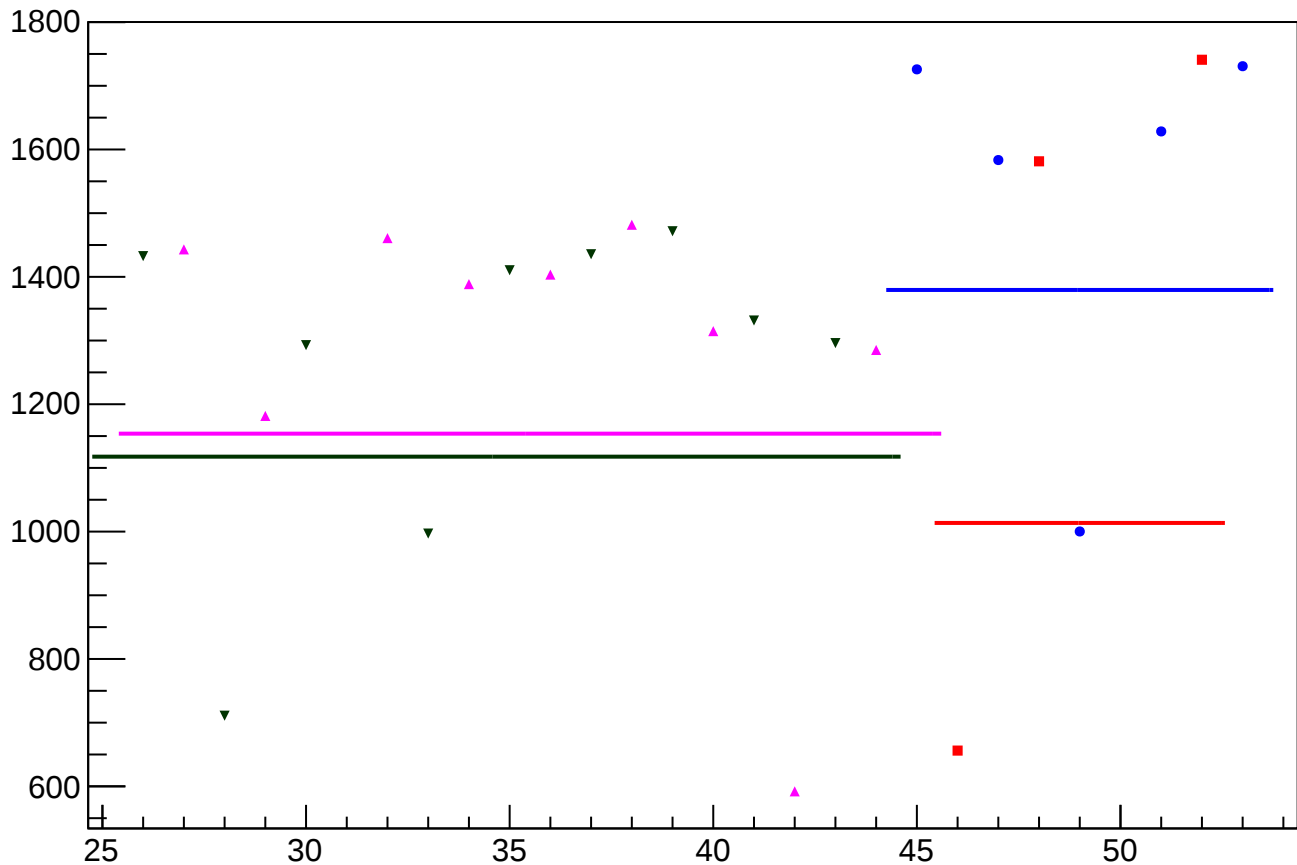
Right Out: -2145.099 $\pm$ 1014.647 χ^2/NDF : 0.2/2

Left In: -16.228 $\pm$ 519.142 χ^2/NDF : 6.7/8

416.948 $\pm$ 461.034 χ^2/NDF : 10.6/13

-457.907 $\pm$ 462.161 χ^2/NDF : 10.3/11

asym_sam1_correction_rms vs slug



Right In: 1379.421+/-0.610 χ^2/NDF : 296262.3/4

Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

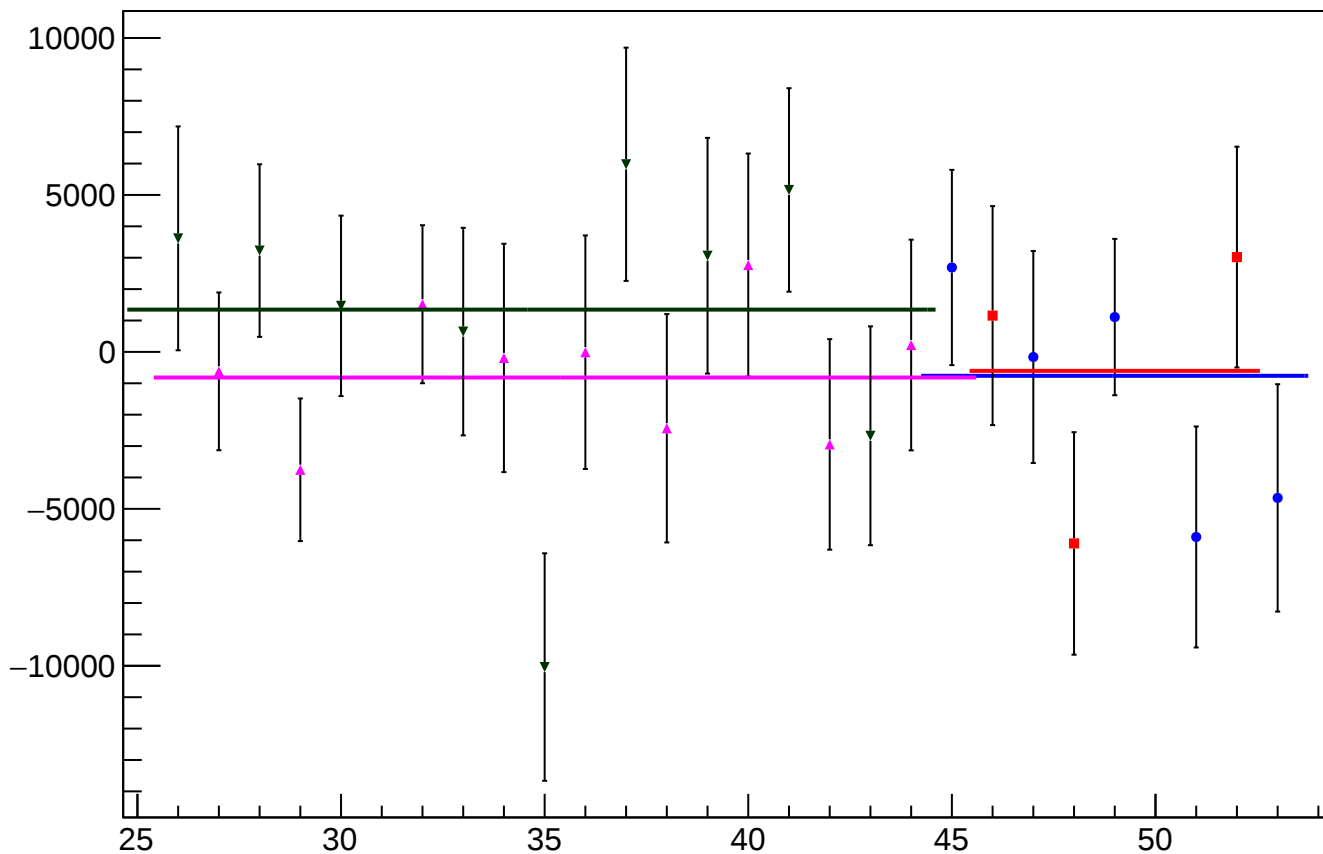
Right Out: 1013.594+/-0.717 χ^2/NDF : 454230.1/2

Left In: 1153.785+/-0.367 χ^2/NDF : 894423.1/8

1192.336+/-0.326 χ^2/NDF : 1053018.8/13

1124.699+/-0.327 χ^2/NDF : 1378912.2/11

reg_asym_sam2_mean vs slug



Right In: -761.339 $\pm$ 1401.191 χ^2 /NDF: 5.1/4

Left Out: 1347.049 $\pm$ 1103.859 χ^2 /NDF: 15.3/8

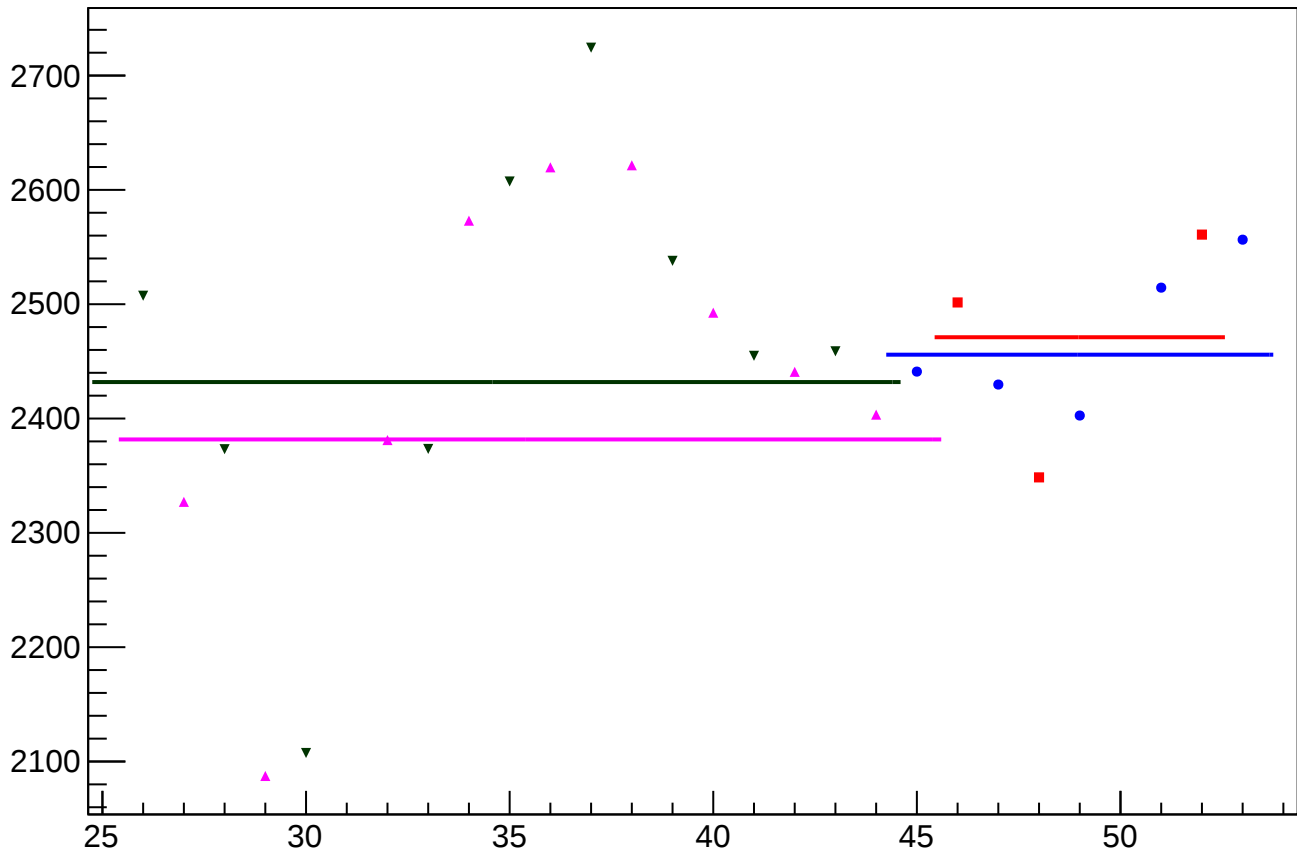
Right Out: -604.195 $\pm$ 2030.118 χ^2 /NDF: 3.7/2

Left In: -816.318 $\pm$ 1004.864 χ^2 /NDF: 4.3/8

539.630 $\pm$ 867.105 χ^2 /NDF: 21.8/13

-774.575 $\pm$ 900.580 χ^2 /NDF: 8.1/11

reg_asym_sam2_rms vs slug



Right In: 2455.848+/-0.991 χ^2/NDF : 3177.1/4

Left Out: 2431.909+/-0.781 χ^2/NDF : 46832.9/8

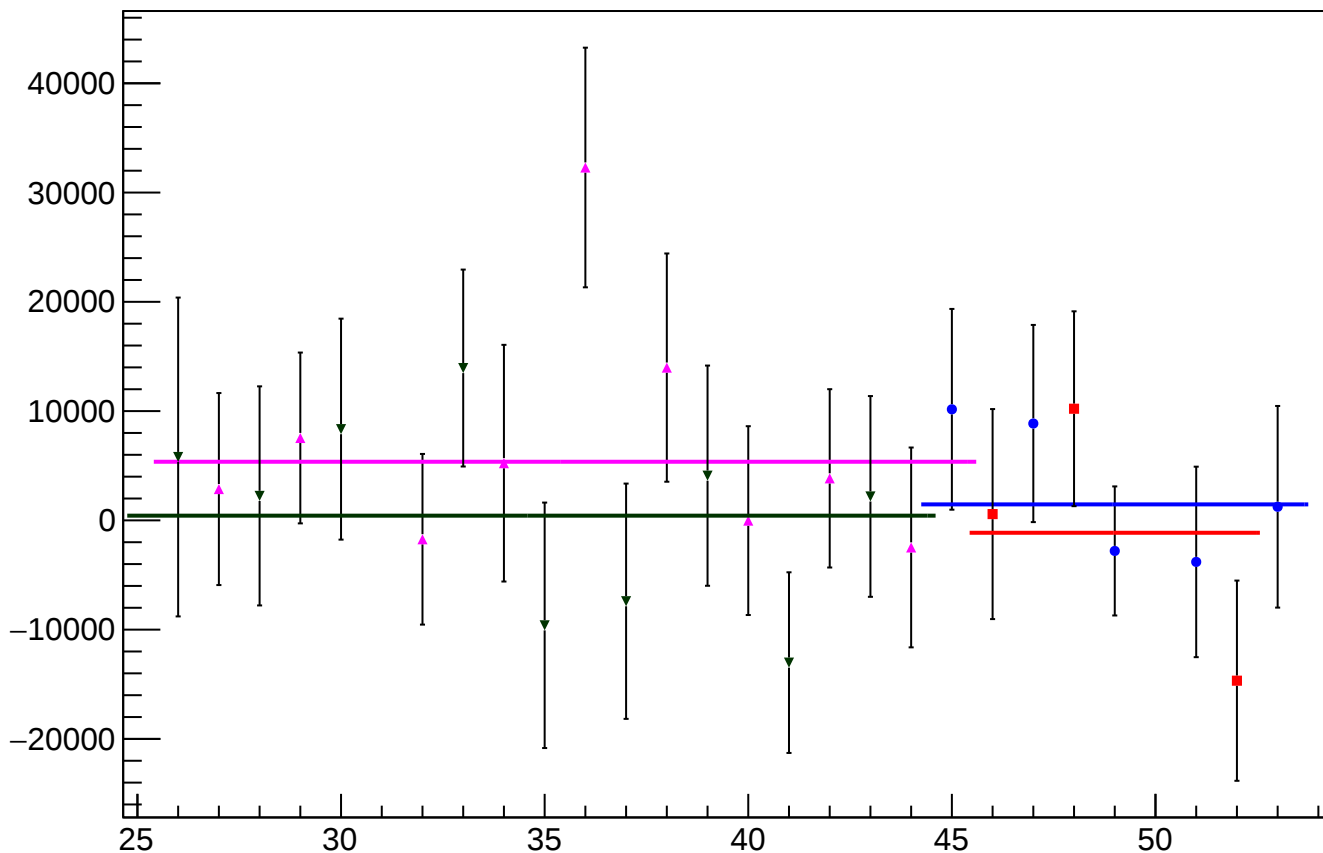
2441.076+/-0.613 χ^2/NDF : 50370.3/13

Right Out: 2471.106+/-1.436 χ^2/NDF : 3847.5/2

2399.301+/-0.637 χ^2/NDF : 66551.4/11

Left In: 2381.708+/-0.711 χ^2/NDF : 59588.7/8

asym_sam2_correction_mean vs slug



Right In: 1462.235 ± 3587.216 χ^2/NDF : 2.5/4

Left Out: 430.700 ± 3340.198 χ^2/NDF : 7.2/8

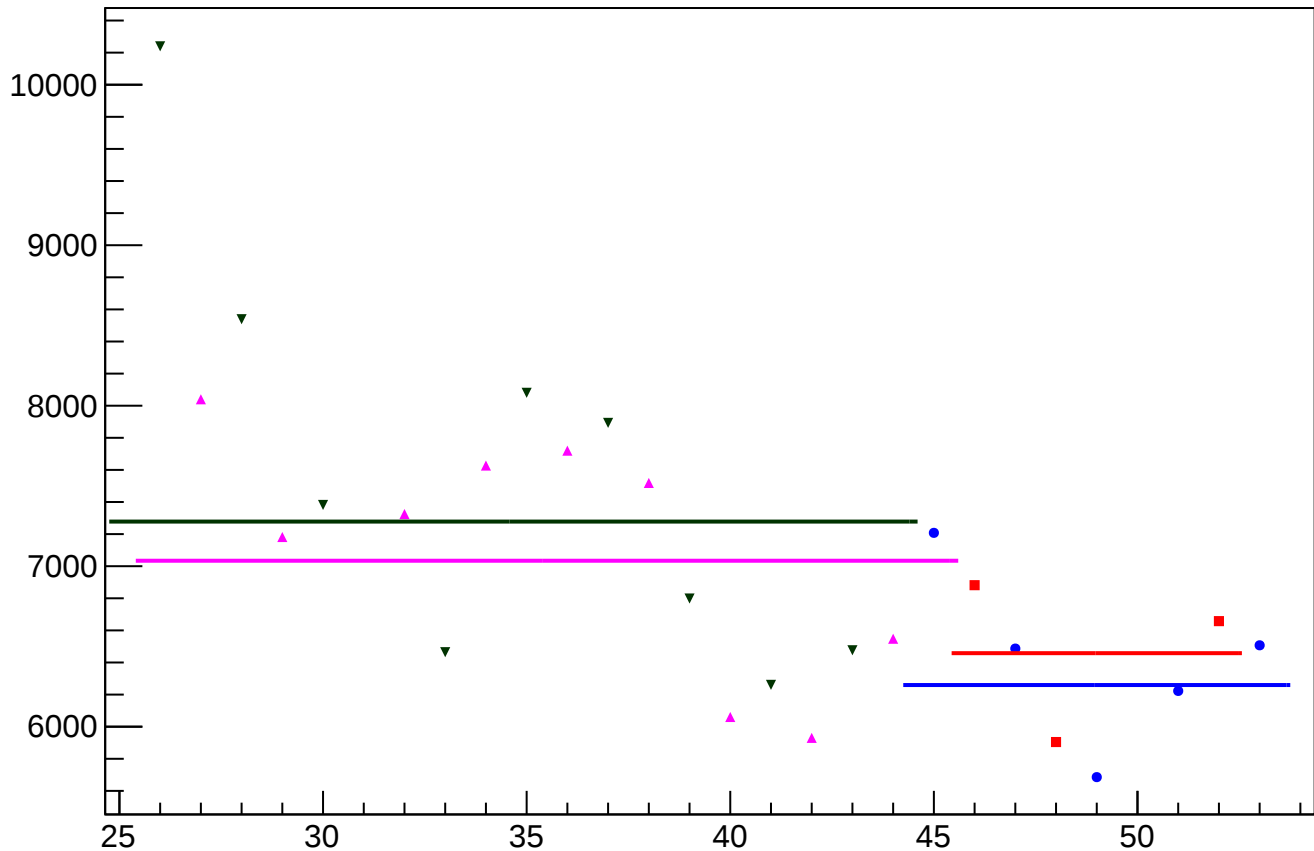
Right Out: -1134.961 ± 5321.176 χ^2/NDF : 3.8/2

Left In: 5364.101 ± 2986.755 χ^2/NDF : 8.9/8

909.732 ± 2444.543 χ^2/NDF : 9.7/13

3807.092 ± 2604.521 χ^2/NDF : 13.8/11

asym_sam2_correction_rms vs slug



Right In: 6259.557+/-2.537 χ^2/NDF : 42937.6/4

Left Out: 7278.054+/-2.362 χ^2/NDF :197341.3/8

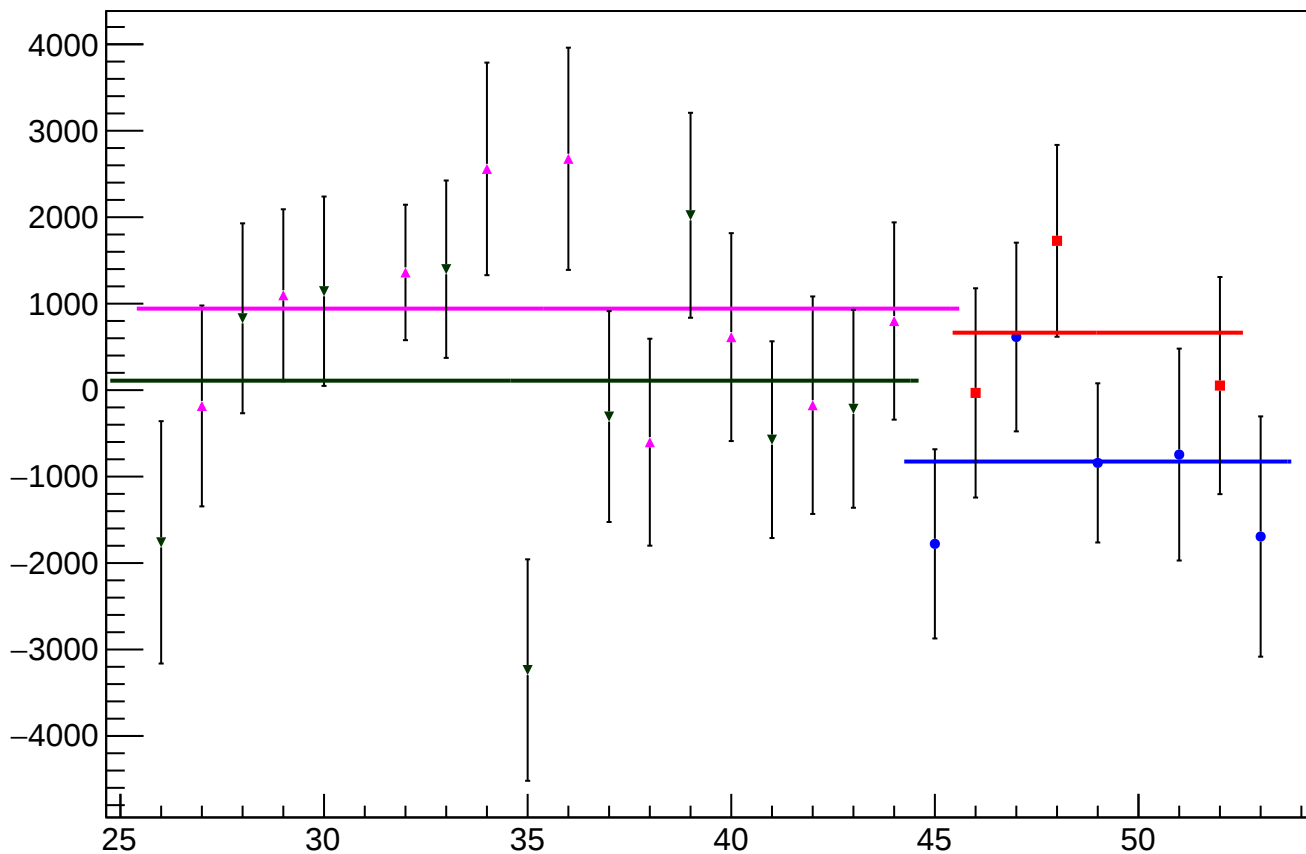
Right Out: 6458.106+/-3.763 χ^2/NDF : 12547.0/2

Left In: 7034.039+/-2.112 χ^2/NDF :115475.0/8

6805.077+/-1.729 χ^2/NDF : 326633.3/13

6896.060+/-1.842 χ^2/NDF : 145838.2/11

reg_asym_sam3_mean vs slug



Right In: -825.910 $\pm$ 497.606 χ^2/NDF : 2.9/4

Left Out: 109.468 $\pm$ 387.723 χ^2/NDF : 14.7/8

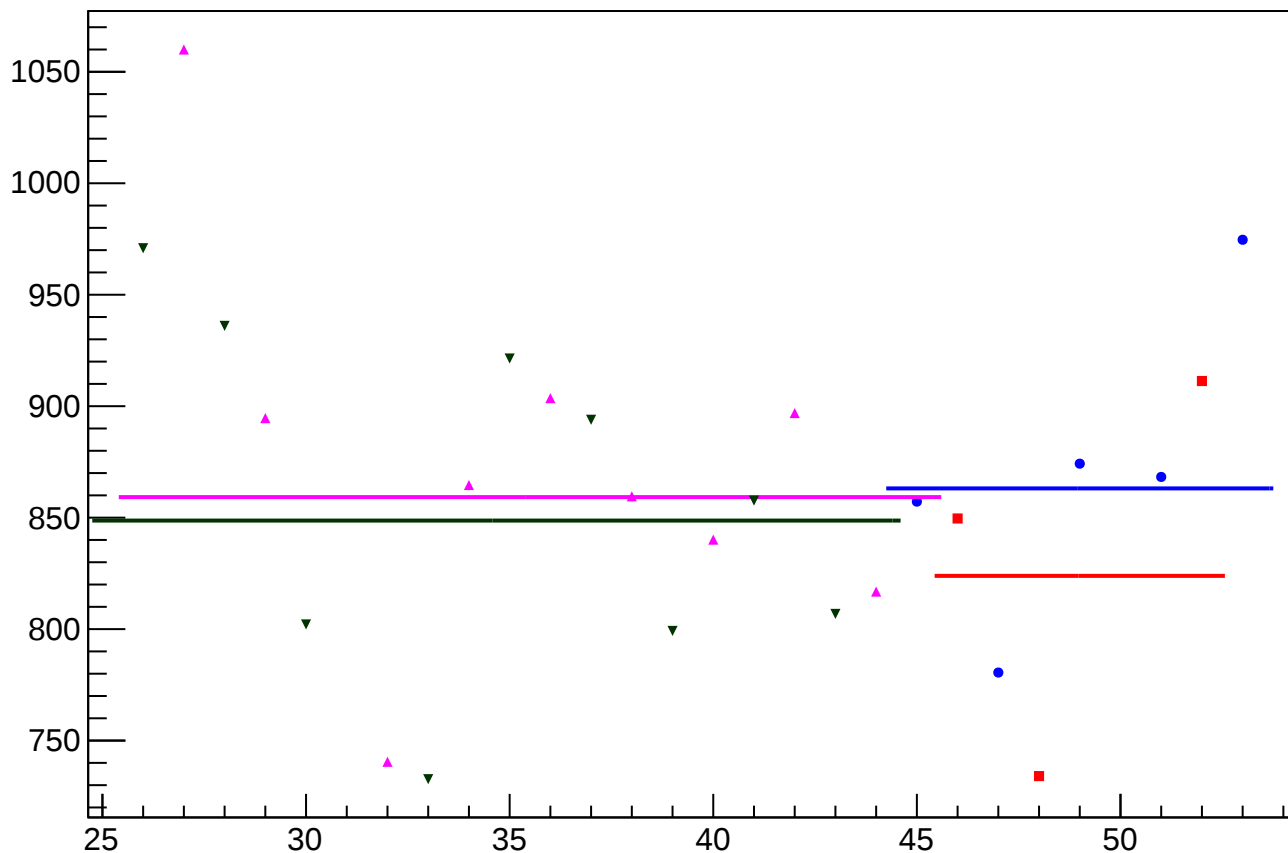
Right Out: 664.445 $\pm$ 685.201 χ^2/NDF : 1.5/2

Left In: 942.699 $\pm$ 366.632 χ^2/NDF : 7.3/8

-243.888 $\pm$ 305.843 χ^2/NDF : 19.8/13

880.766 $\pm$ 323.265 χ^2/NDF : 9.0/11

reg_asym_sam3_rms vs slug



Right In: 863.120+/-0.352 χ^2/NDF : 24728.6/4

Left Out: 848.692+/-0.274 χ^2/NDF : 72527.0/8

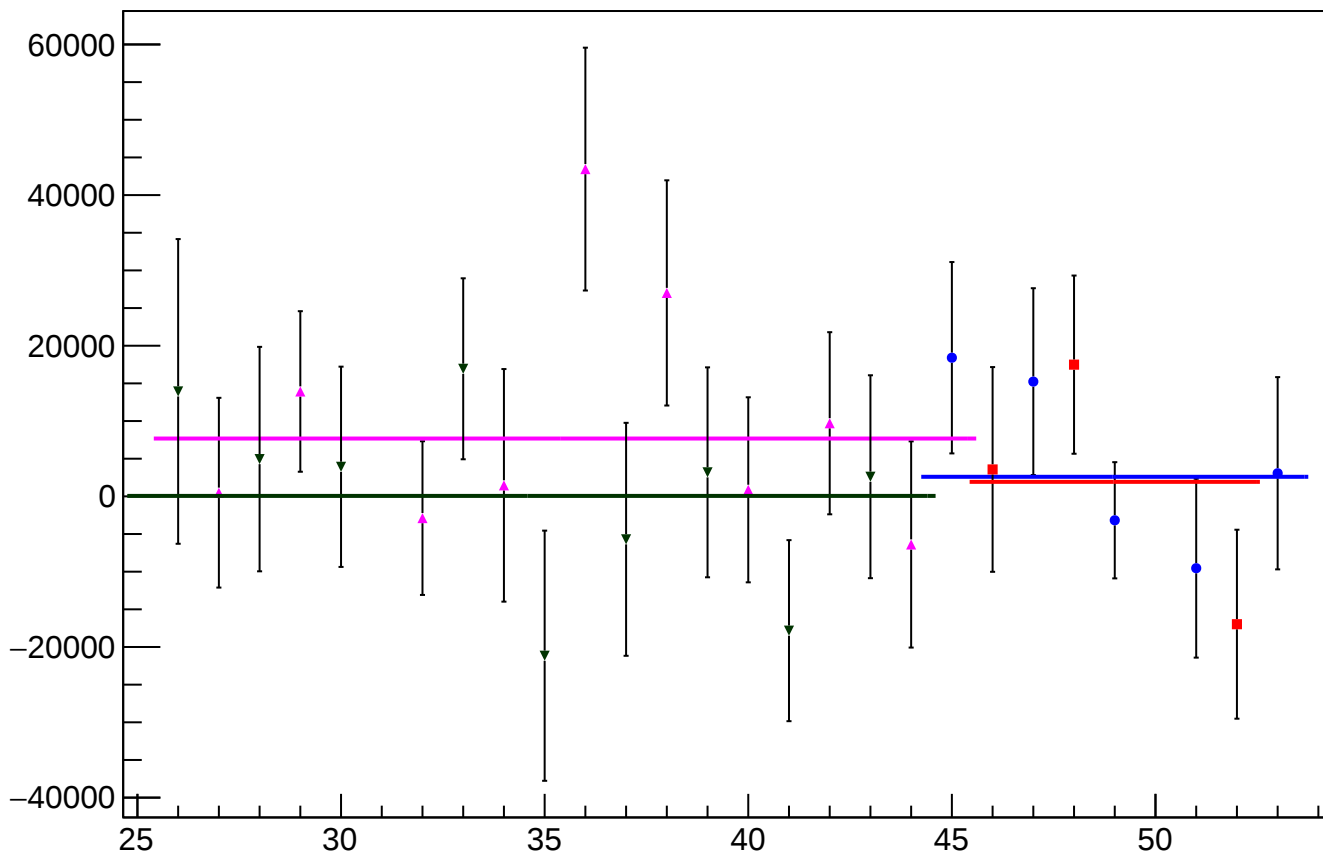
Right Out: 823.893+/-0.485 χ^2/NDF : 23713.0/2

Left In: 859.214+/-0.259 χ^2/NDF : 115718.5/8

854.142+/-0.216 χ^2/NDF : 98301.9/13

851.353+/-0.229 χ^2/NDF : 143563.1/11

asym_sam3_correction_mean vs slug



Right In: 2597.360+/-4837.752 χ^2/NDF : 4.2/4

Left Out: 59.920+/-4718.227 χ^2/NDF : 6.7/8

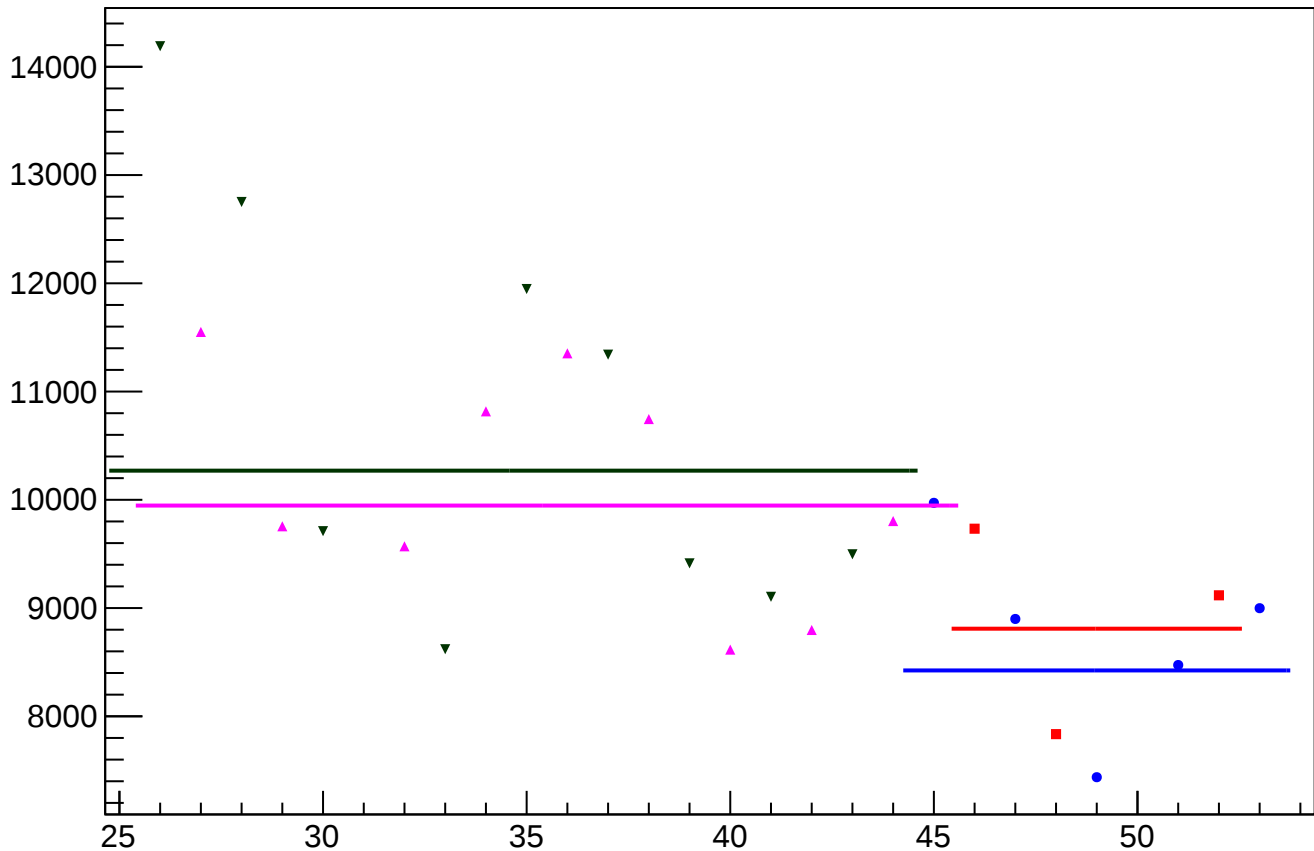
Right Out: 1926.492+/-7271.594 χ^2/NDF : 4.0/2

Left In: 7677.411+/-4224.746 χ^2/NDF : 9.9/8

1296.907+/-3377.756 χ^2/NDF : 11.0/13

6226.074+/-3652.962 χ^2/NDF : 14.4/11

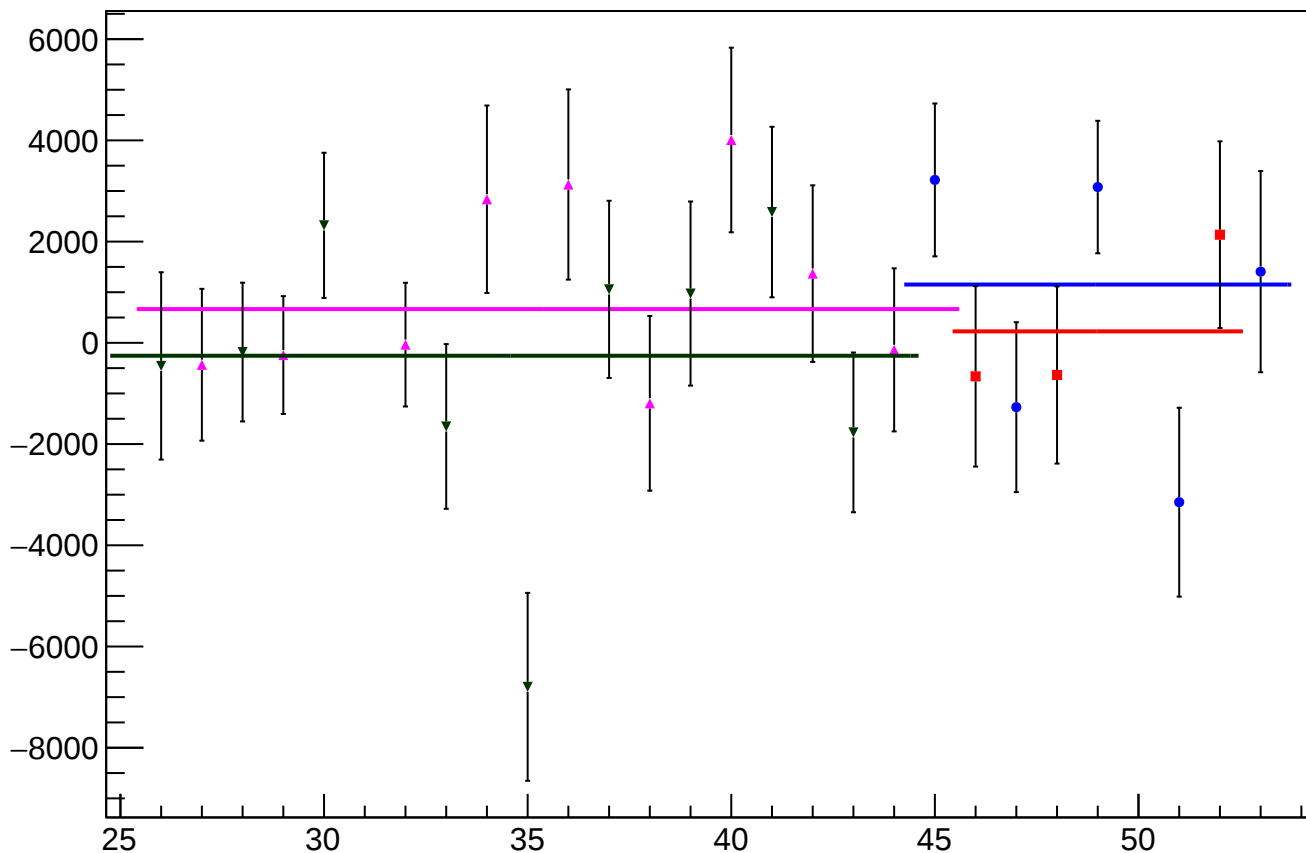
asym_sam3_correction_rms vs slug



Right In: 8423.743+/-3.421 χ^2/NDF : 69429.5/4
 Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8
 Right Out: 8809.329+/-5.142 χ^2/NDF : 24002.6/2
 Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

9369.599+/-2.388 χ^2/NDF : 453424.5/13
 9659.766+/-2.583 χ^2/NDF : 165430.6/11

reg_asym_sam4_mean vs slug



Right In: 1151.597 $\pm$ 722.084 χ^2 /NDF: 11.5/4

Left Out: -255.316 $\pm$ 545.443 χ^2 /NDF: 21.2/8

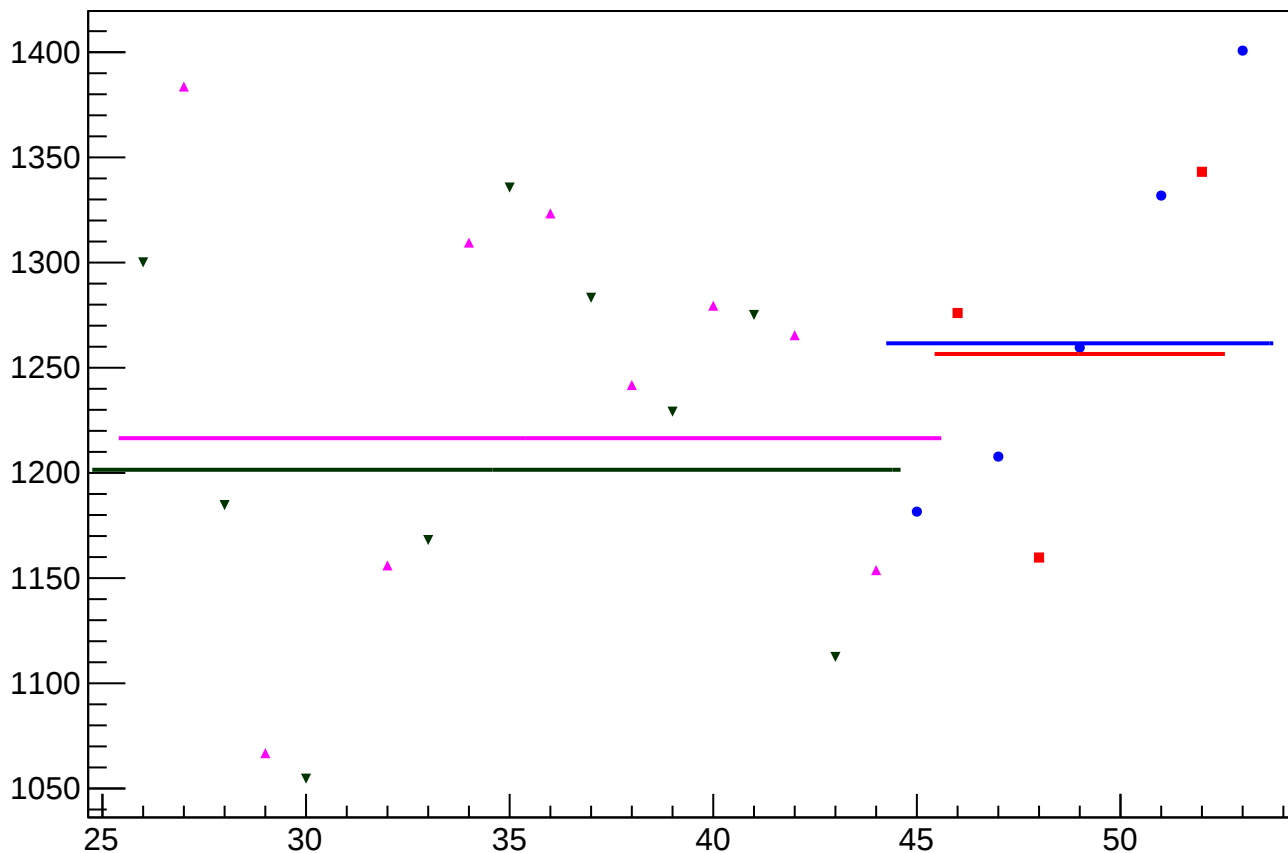
Right Out: 226.433 $\pm$ 1034.183 χ^2 /NDF: 1.6/2

Left In: 666.576 $\pm$ 514.516 χ^2 /NDF: 9.5/8

255.810 $\pm$ 435.229 χ^2 /NDF: 35.0/13

579.249 $\pm$ 460.655 χ^2 /NDF: 11.2/11

reg_asym_sam4_rms vs slug



Right In: 1261.623 ± 0.511 χ^2/NDF : 20316.3/4

Left Out: 1201.502 ± 0.386 χ^2/NDF : 53243.4/8

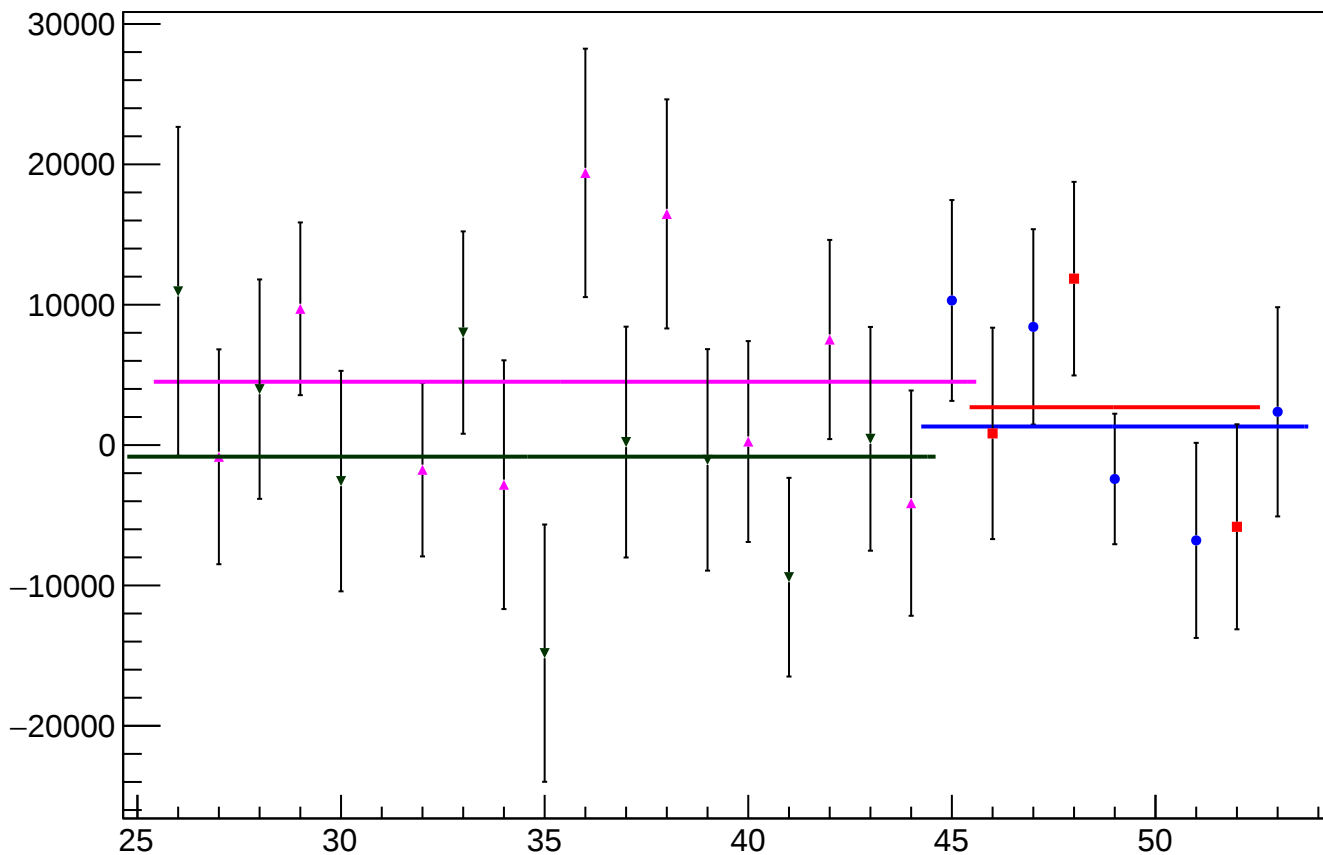
Right Out: 1256.548 ± 0.731 χ^2/NDF : 10757.8/2

Left In: 1216.522 ± 0.364 χ^2/NDF : 81773.0/8

1223.344 ± 0.308 χ^2/NDF : 82387.1/13

1224.464 ± 0.326 χ^2/NDF : 94932.3/11

asym_sam4_correction_mean vs slug



Right In: 1323.655+/-2826.714 χ^2/NDF : 4.6/4

Left Out: -824.542+/-2696.175 χ^2/NDF : 6.8/8

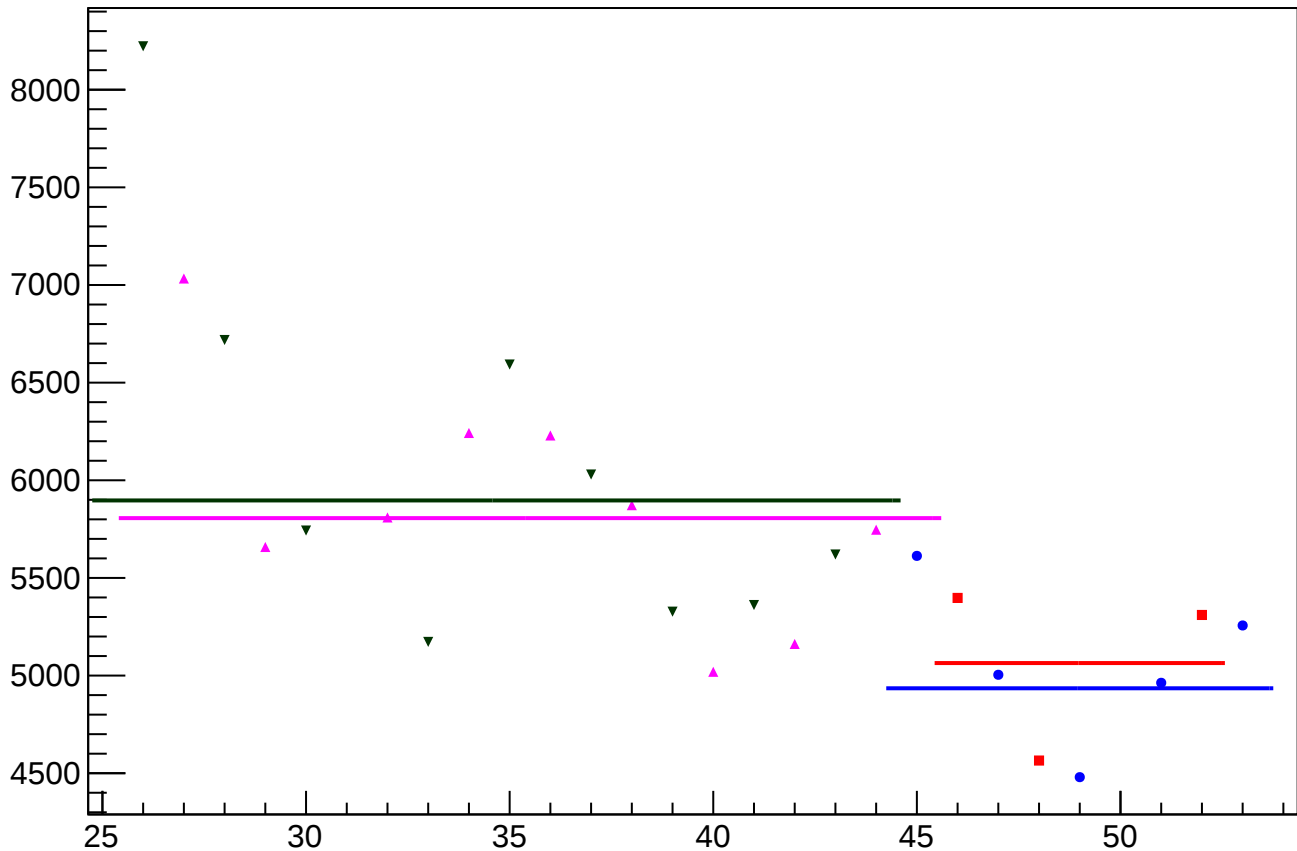
Right Out: 2698.280+/-4173.388 χ^2/NDF : 3.2/2

Left In: 4513.128+/-2460.890 χ^2/NDF : 9.6/8

198.810+/-1951.000 χ^2/NDF : 11.7/13

4044.904+/-2119.802 χ^2/NDF : 12.9/11

asym_sam4_correction_rms vs slug



Right In: 4934.919+/-1.999 χ^2/NDF : 41079.9/4

Left Out: 5896.806+/-1.906 χ^2/NDF :158167.8/8

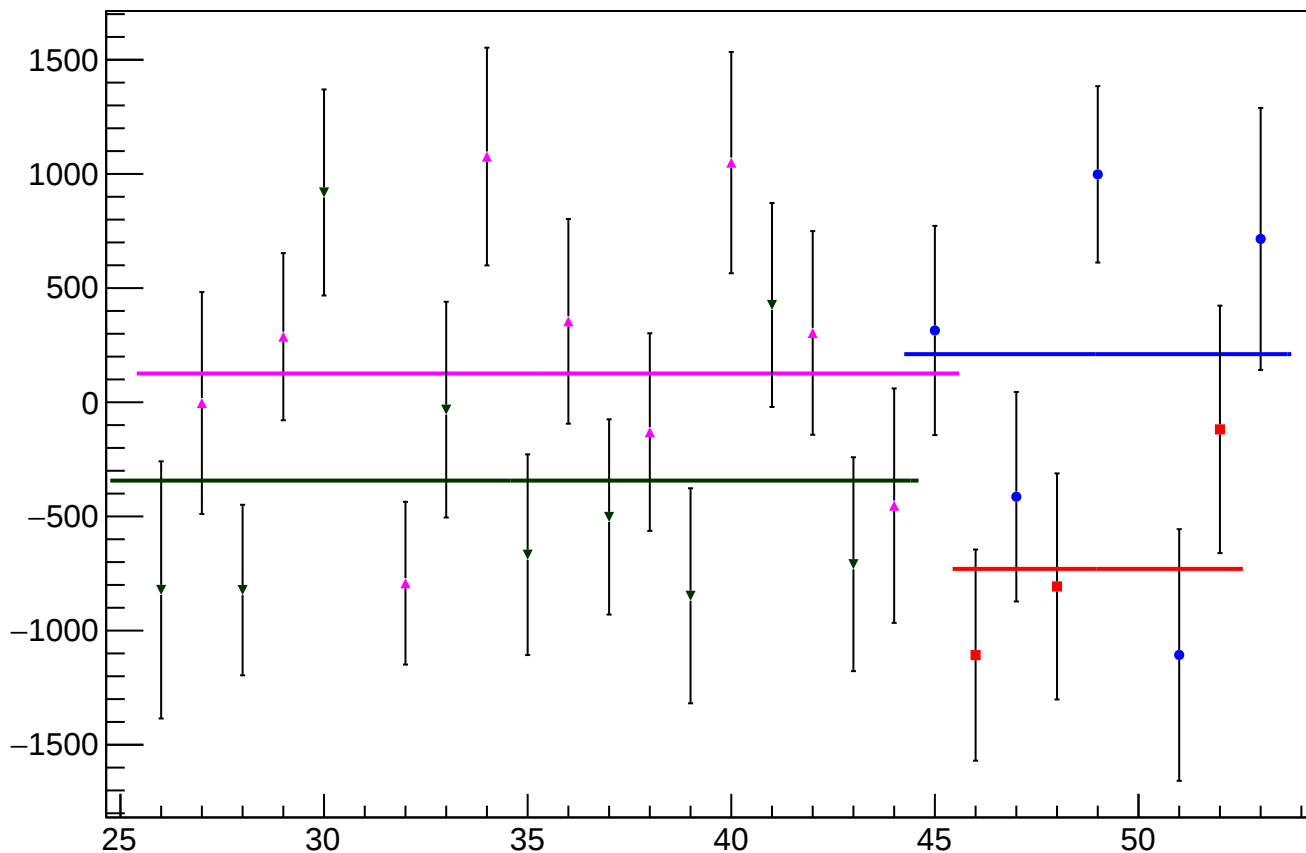
Right Out: 5064.107+/-2.951 χ^2/NDF : 16676.8/2

Left In: 5806.242+/-1.740 χ^2/NDF :102860.0/8

5438.585+/-1.380 χ^2/NDF : 320512.1/13

5614.774+/-1.499 χ^2/NDF : 166464.0/11

reg_asym_sam5_mean vs slug



Right In: 210.765 $\pm$ 210.580 χ^2 /NDF: 12.5/4

Left Out: -342.981 $\pm$ 150.000 χ^2 /NDF:16.0/8

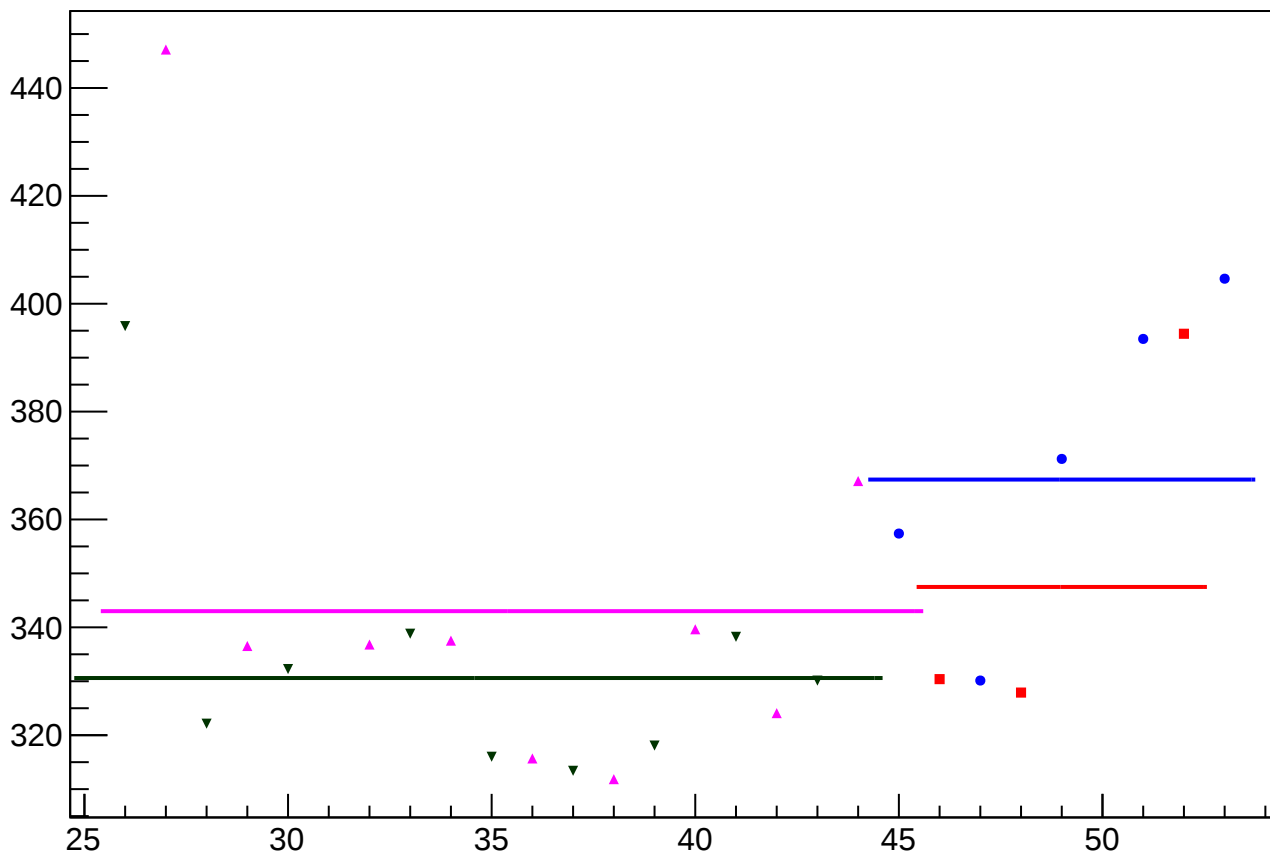
Right Out: -729.626 $\pm$ 286.748 χ^2 /NDF: 2.0/2

Left In: 126.114 $\pm$ 145.287 χ^2 /NDF:16.5/8

-156.587 $\pm$ 122.173 χ^2 /NDF: 33.2/13

-48.693 $\pm$ 129.601 χ^2 /NDF: 25.6/11

reg_asym_sam5_rms vs slug



Right In: 367.398 ± 0.149 χ^2/NDF : 27253.6/4

Left Out: 330.601 ± 0.106 χ^2/NDF : 35957.8/8

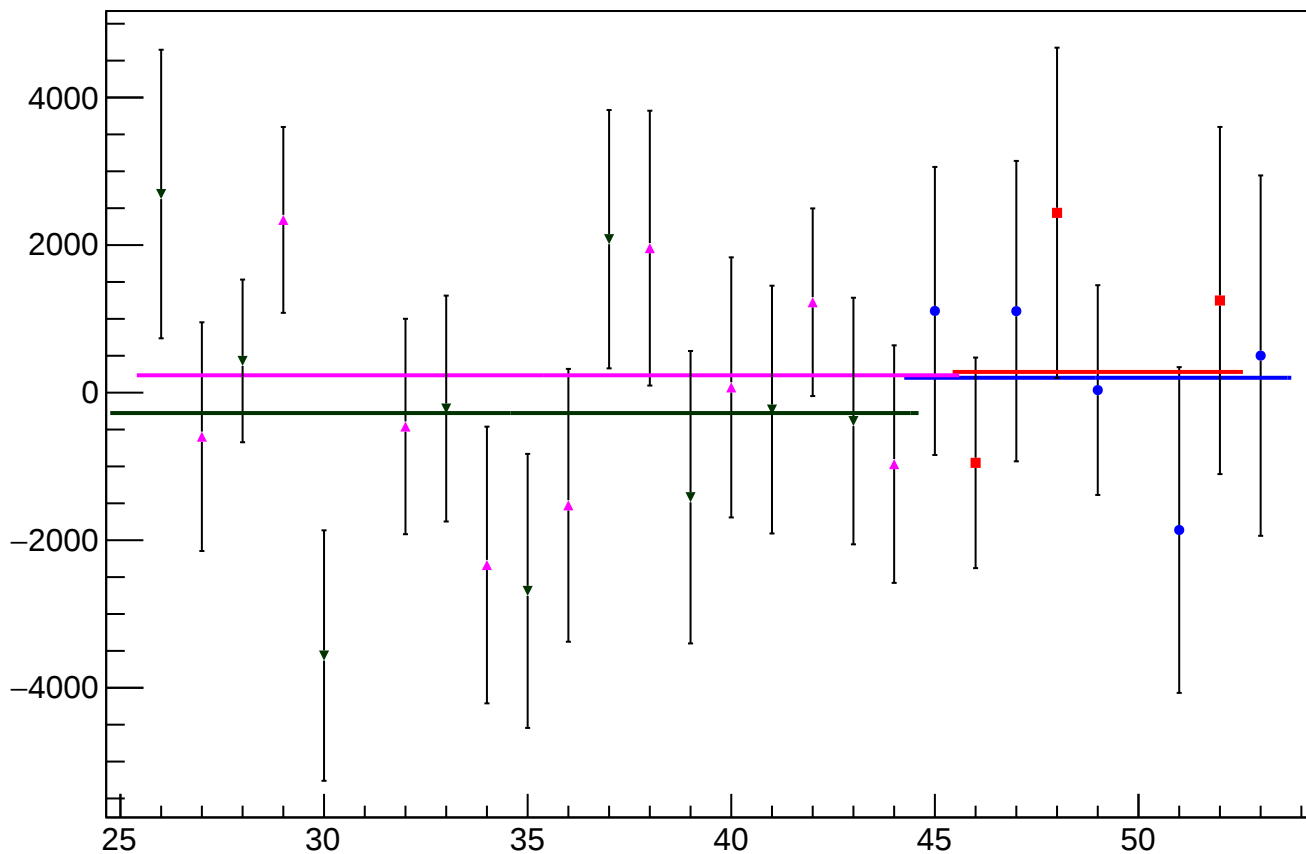
Right Out: 347.487 ± 0.203 χ^2/NDF : 20869.5/2

Left In: 342.998 ± 0.103 χ^2/NDF : 119222.4/8

342.987 ± 0.086 χ^2/NDF : 103723.3/13

343.915 ± 0.092 χ^2/NDF : 140481.9/11

asym_sam5_correction_mean vs slug



Right In: 201.609 ± 853.824 χ^2/NDF : 1.3/4

Left Out: -276.488 ± 539.013 χ^2/NDF : 10.3/8

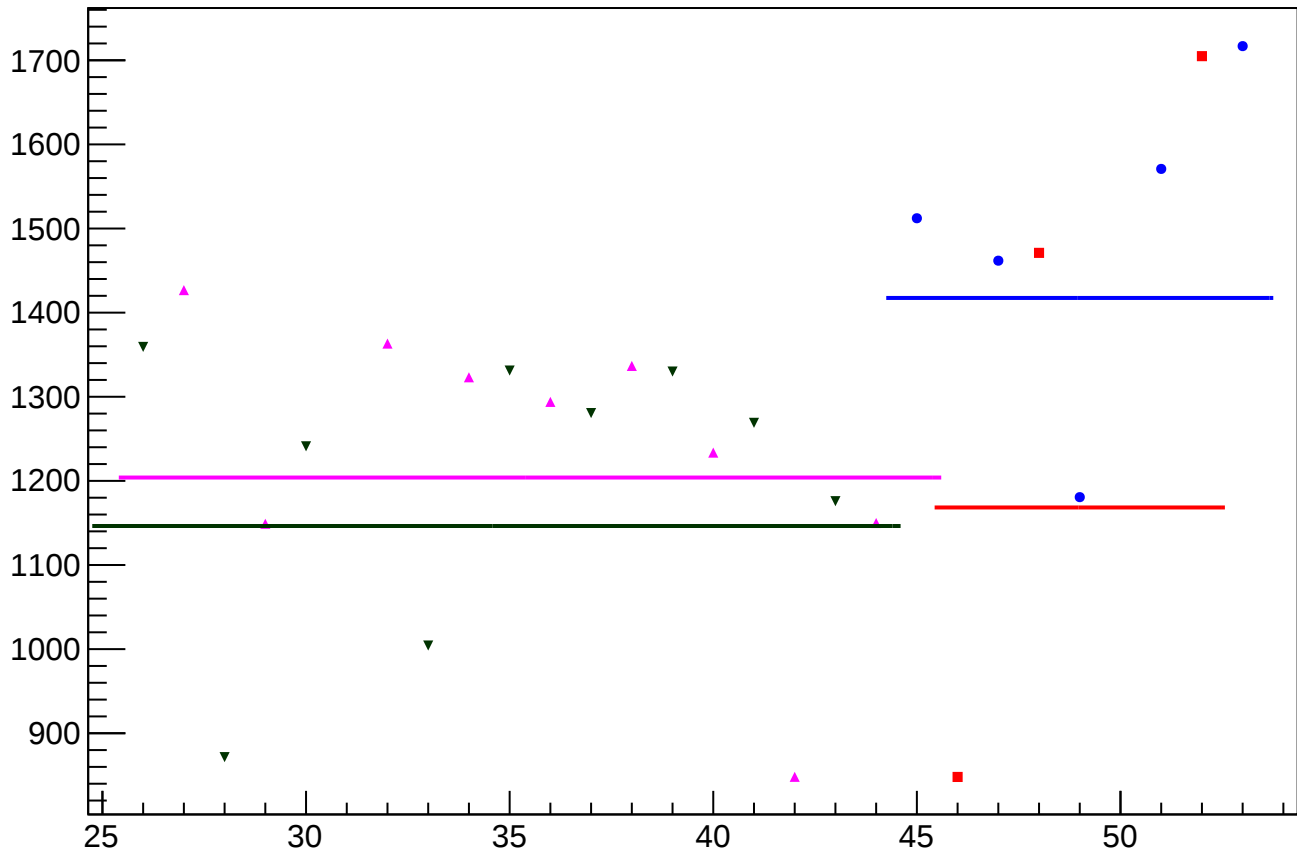
Right Out: 280.718 ± 1071.278 χ^2/NDF : 1.8/2

Left In: 235.272 ± 519.379 χ^2/NDF : 8.1/8

-140.248 ± 455.788 χ^2/NDF : 11.8/13

243.921 ± 467.350 χ^2/NDF : 10.0/11

asym_sam5_correction_rms vs slug



Right In: 1417.470 $\pm$ 0.604 χ^2/NDF : 100888.5/4

Left Out: 1146.369 $\pm$ 0.381 χ^2/NDF : 231446.2/8

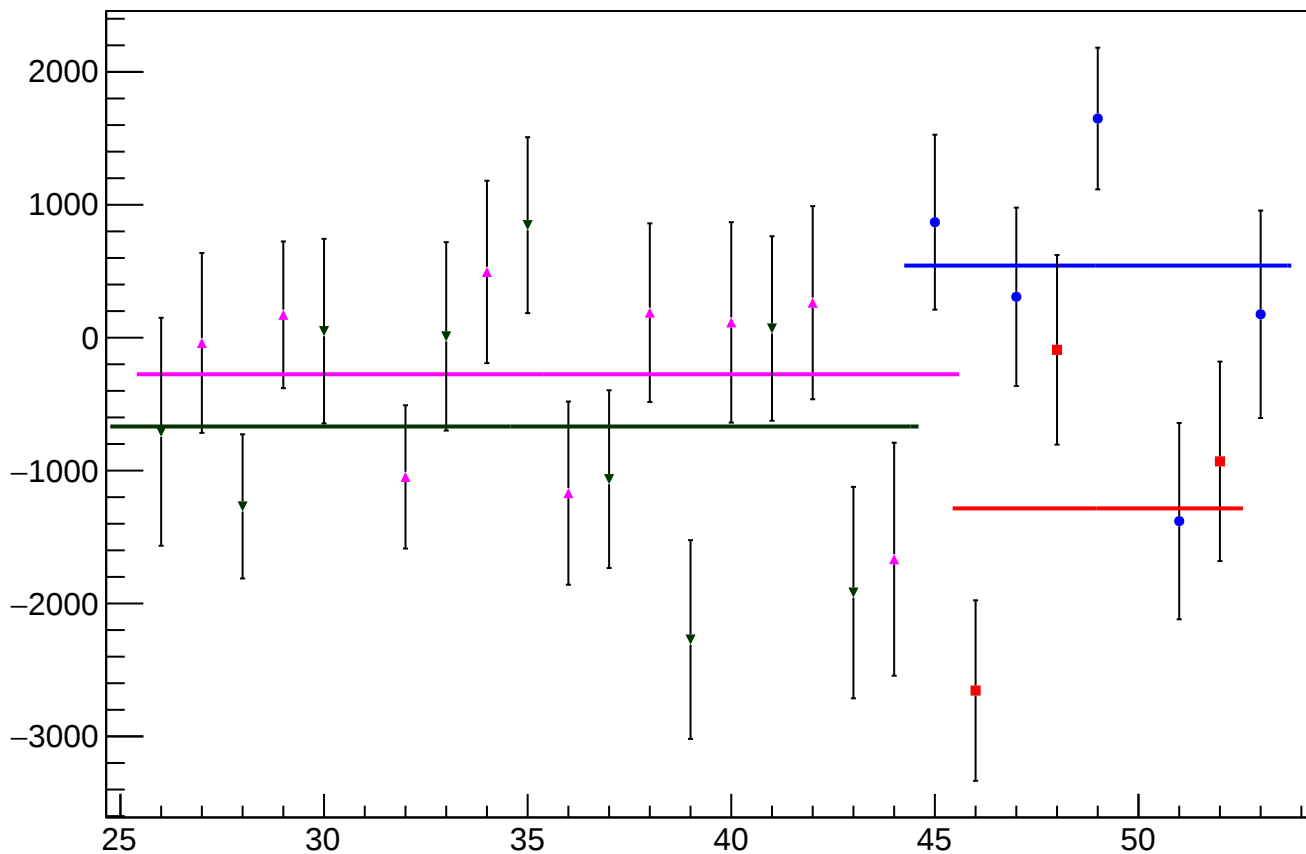
Right Out: 1168.395 $\pm$ 0.758 χ^2/NDF : 241380.2/2

Left In: 1203.975 $\pm$ 0.367 χ^2/NDF : 251275.8/8

1223.623 $\pm$ 0.322 χ^2/NDF : 476507.1/13

1197.203 $\pm$ 0.330 χ^2/NDF : 494442.3/11

reg_asym_sam6_mean vs slug



Right In: 542.659 $\pm$ 294.619 χ^2 /NDF: 11.7/4

Left Out: -668.141 $\pm$ 230.723 χ^2 /NDF:17.0/8

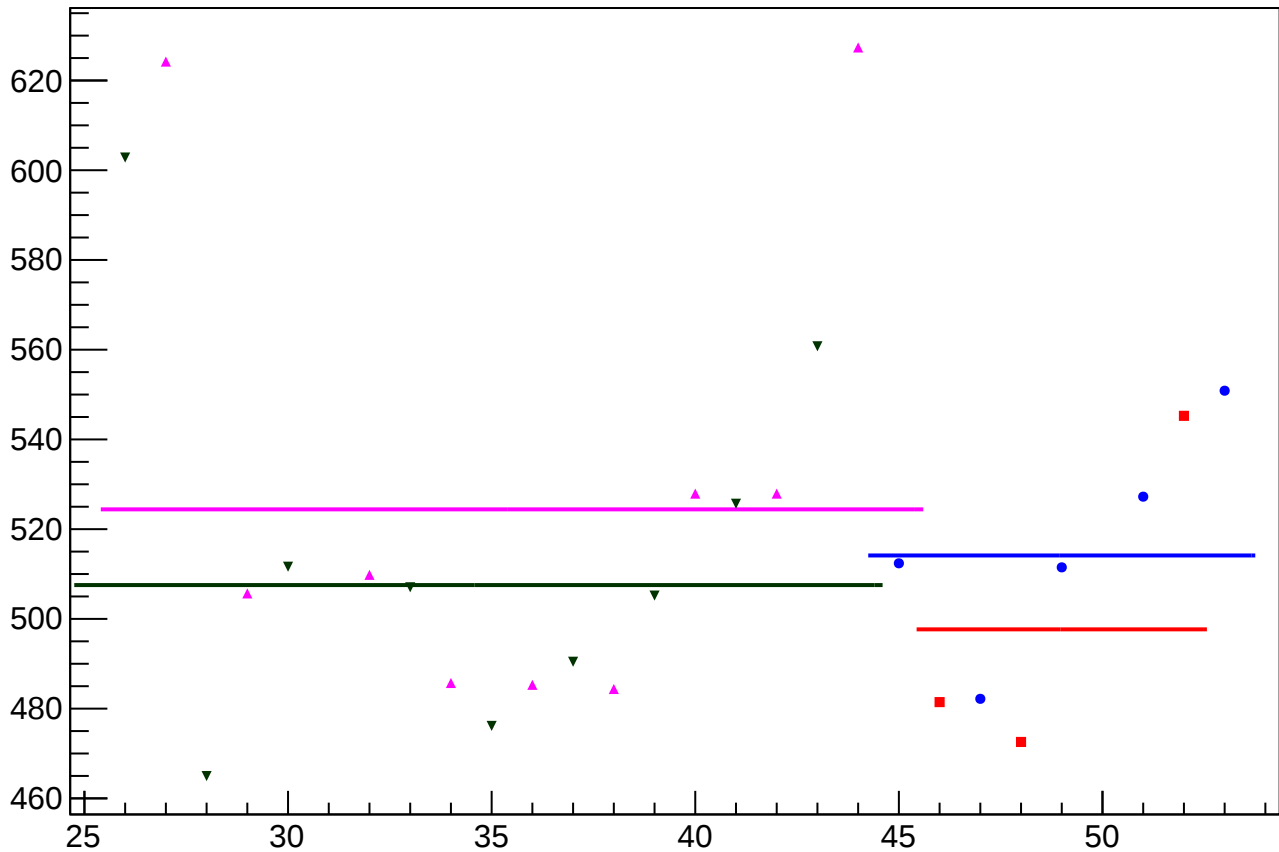
Right Out: -1284.477 $\pm$ 411.412 χ^2 /NDF: 7.1/2

Left In: -275.250 $\pm$ 221.925 χ^2 /NDF:9.6/8

-207.860 $\pm$ 181.650 χ^2 /NDF: 39.1/13

-502.724 $\pm$ 195.320 χ^2 /NDF: 21.3/11

reg_asym_sam6_rms vs slug



Right In: 514.138+/-0.208 χ^2/NDF : 9653.4/4

Left Out: 507.540+/-0.163 χ^2/NDF : 53222.5/8

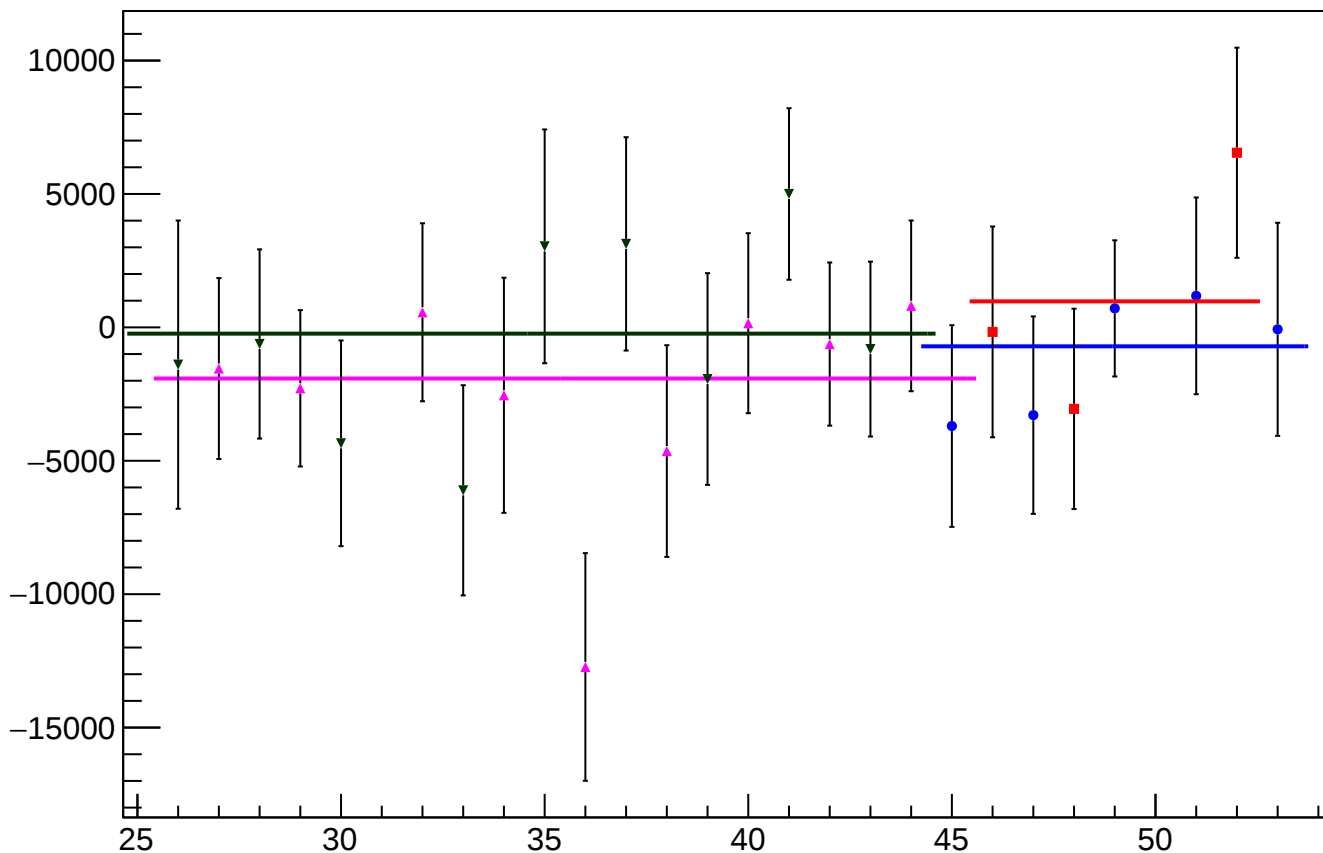
510.048+/-0.128 χ^2/NDF : 63497.7/13

Right Out: 497.669+/-0.291 χ^2/NDF : 11654.9/2

518.385+/-0.138 χ^2/NDF : 113054.5/11

Left In: 524.413+/-0.157 χ^2/NDF : 94852.7/8

asym_sam6_correction_mean vs slug



Right In: -710.366 ± 1519.930 χ^2/NDF : 1.7/4

Left Out: -235.020 ± 1276.692 χ^2/NDF : 7.5/8

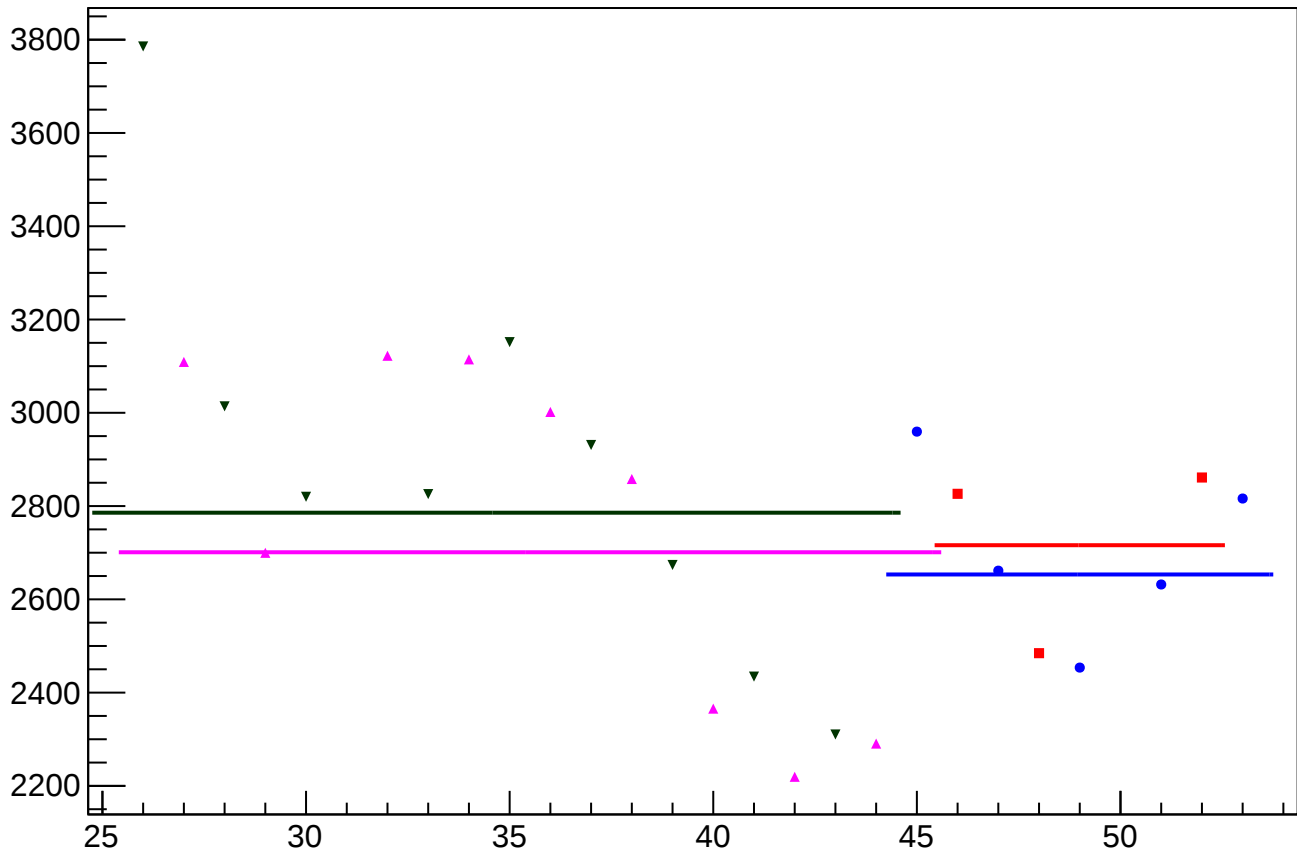
Right Out: 974.488 ± 2238.596 χ^2/NDF : 3.2/2

Left In: -1916.764 ± 1150.358 χ^2/NDF : 8.8/8

-431.660 ± 977.585 χ^2/NDF : 9.3/13

-1312.773 ± 1023.170 χ^2/NDF : 13.3/11

asym_sam6_correction_rms vs slug



Right In: 2653.325+/-1.075 χ^2/NDF : 28781.0/4

Left Out: 2785.776+/-0.903 χ^2/NDF : 161309.1/8

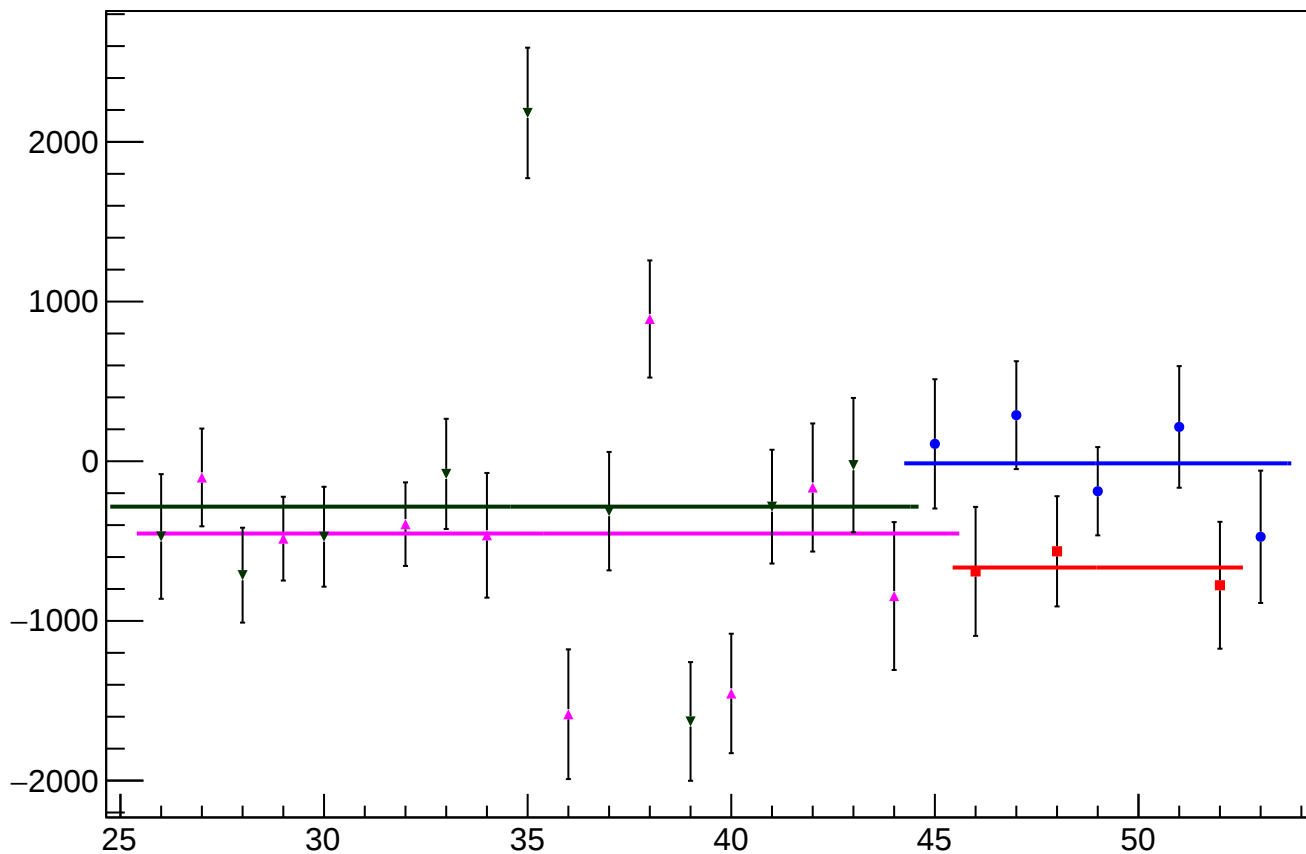
Right Out: 2716.073+/-1.583 χ^2/NDF : 11879.6/2

Left In: 2700.958+/-0.813 χ^2/NDF : 193784.6/8

2730.984+/-0.691 χ^2/NDF : 198995.0/13

2704.115+/-0.723 χ^2/NDF : 205736.4/11

reg_asym_sam7_mean vs slug



Right In: -13.223 ± 156.798 χ^2/NDF : 2.9/4

Left Out: -284.306 ± 119.075 χ^2/NDF : 52.9/8

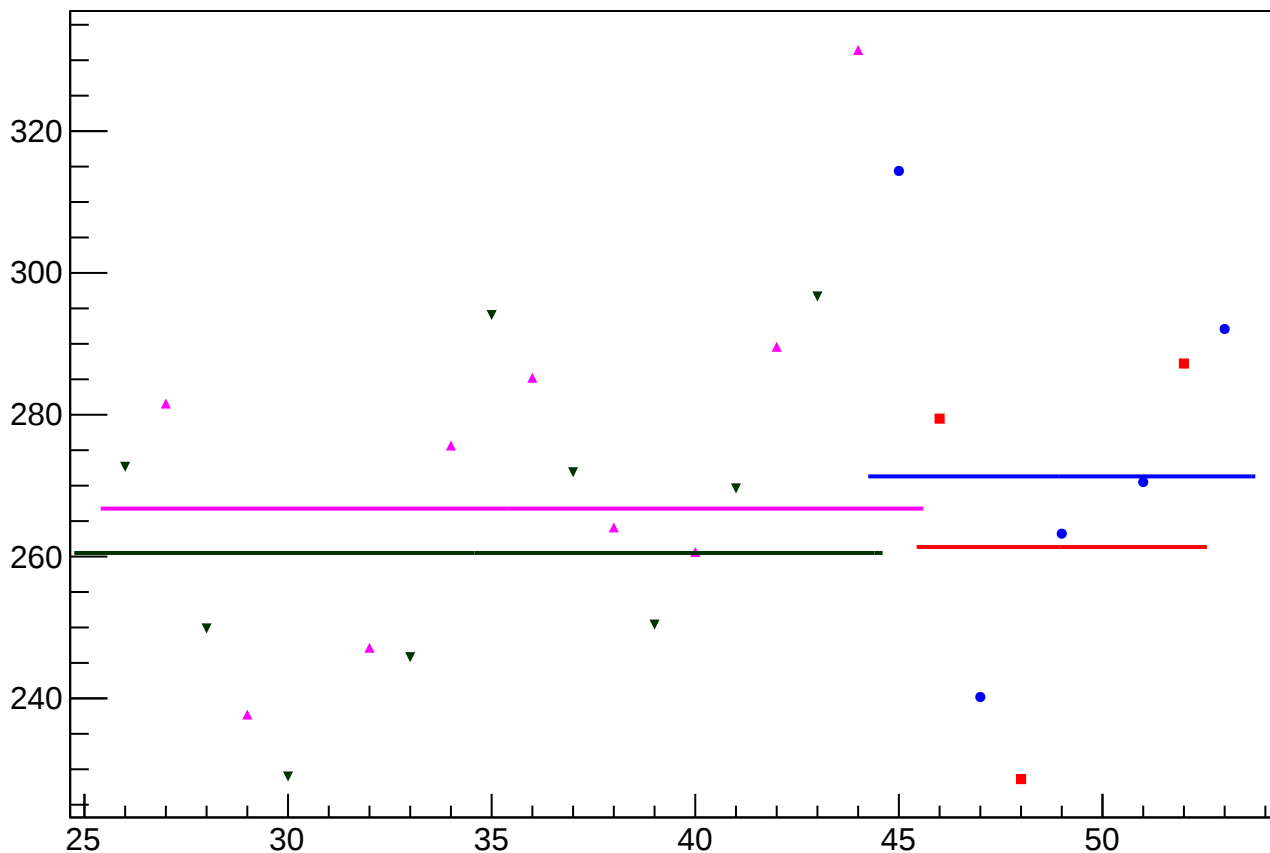
Right Out: -665.659 ± 218.966 χ^2/NDF : 0.2/2

Left In: -452.715 ± 113.322 χ^2/NDF : 31.0/8

-185.152 ± 94.830 χ^2/NDF : 57.7/13

-497.701 ± 100.643 χ^2/NDF : 31.9/11

reg_asym_sam7_rms vs slug



Right In: 271.306+/-0.111 χ^2/NDF : 46368.9/4

Left Out: 260.507+/-0.084 χ^2/NDF : 61380.6/8

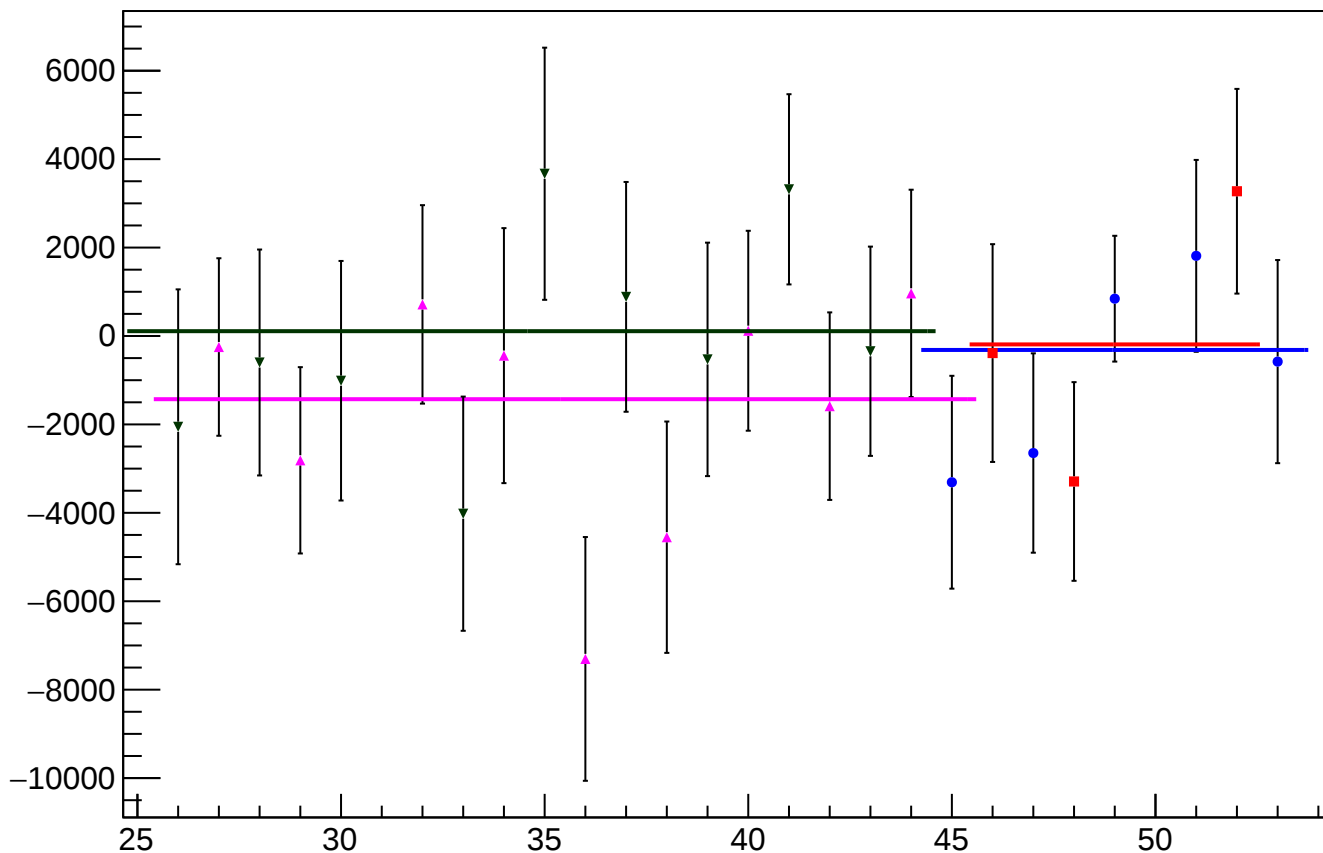
Right Out: 261.350+/-0.155 χ^2/NDF : 30482.2/2

Left In: 266.764+/-0.080 χ^2/NDF : 91725.0/8

264.457+/-0.067 χ^2/NDF : 113766.1/13

265.620+/-0.071 χ^2/NDF : 123171.5/11

asym_sam7_correction_mean vs slug



Right In: -315.881+/-889.041 χ^2/NDF : 4.3/4

Left Out: 108.894+/-862.435 χ^2/NDF : 7.1/8

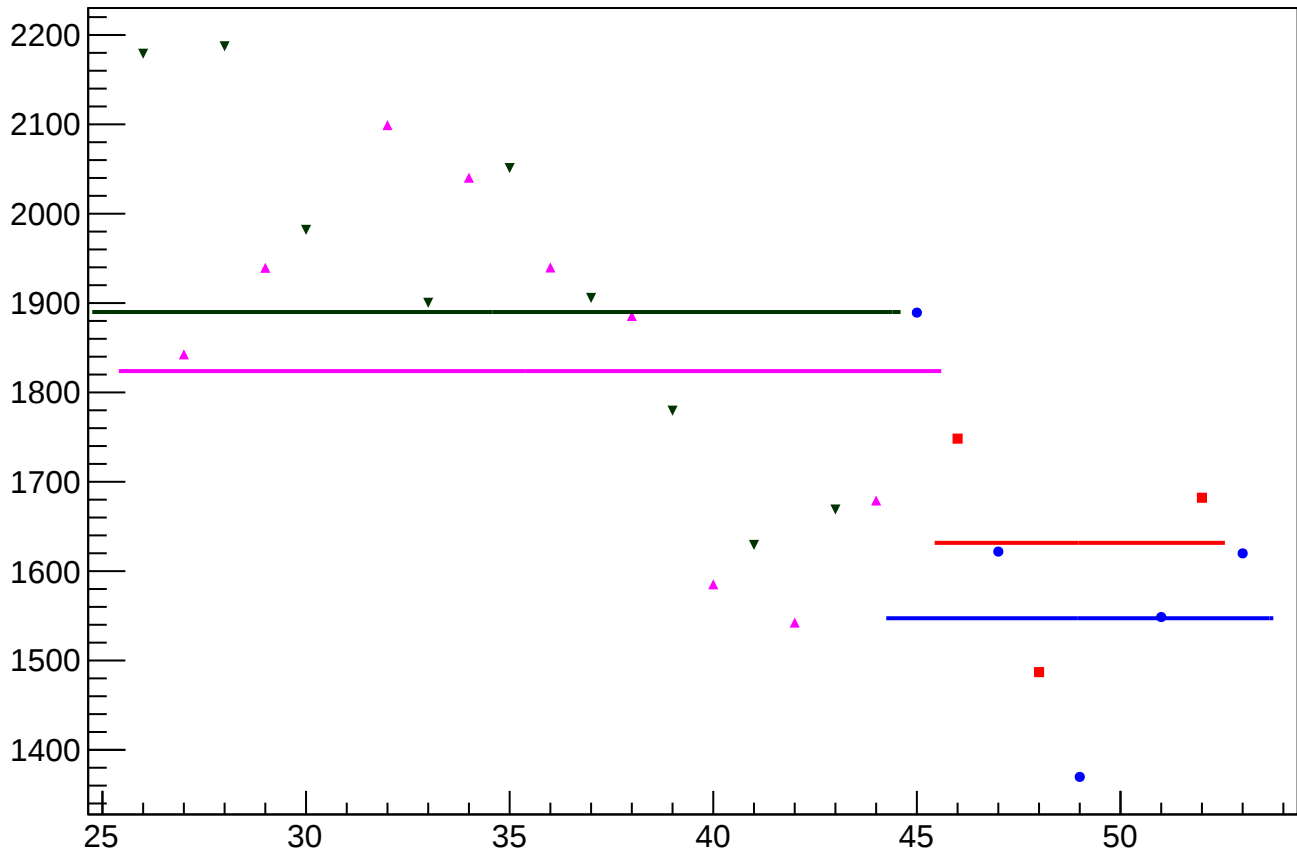
Right Out: -190.450+/-1349.025 χ^2/NDF : 4.1/2

Left In: -1429.578+/-773.930 χ^2/NDF : 9.3/8

-97.043+/-619.026 χ^2/NDF : 11.5/13

-1122.738+/-671.303 χ^2/NDF : 14.1/11

asym_sam7_correction_rms vs slug



Right In: 1547.304+/-0.629 χ^2/NDF : 75708.1/4

Left Out: 1889.978+/-0.610 χ^2/NDF : 103461.4/8

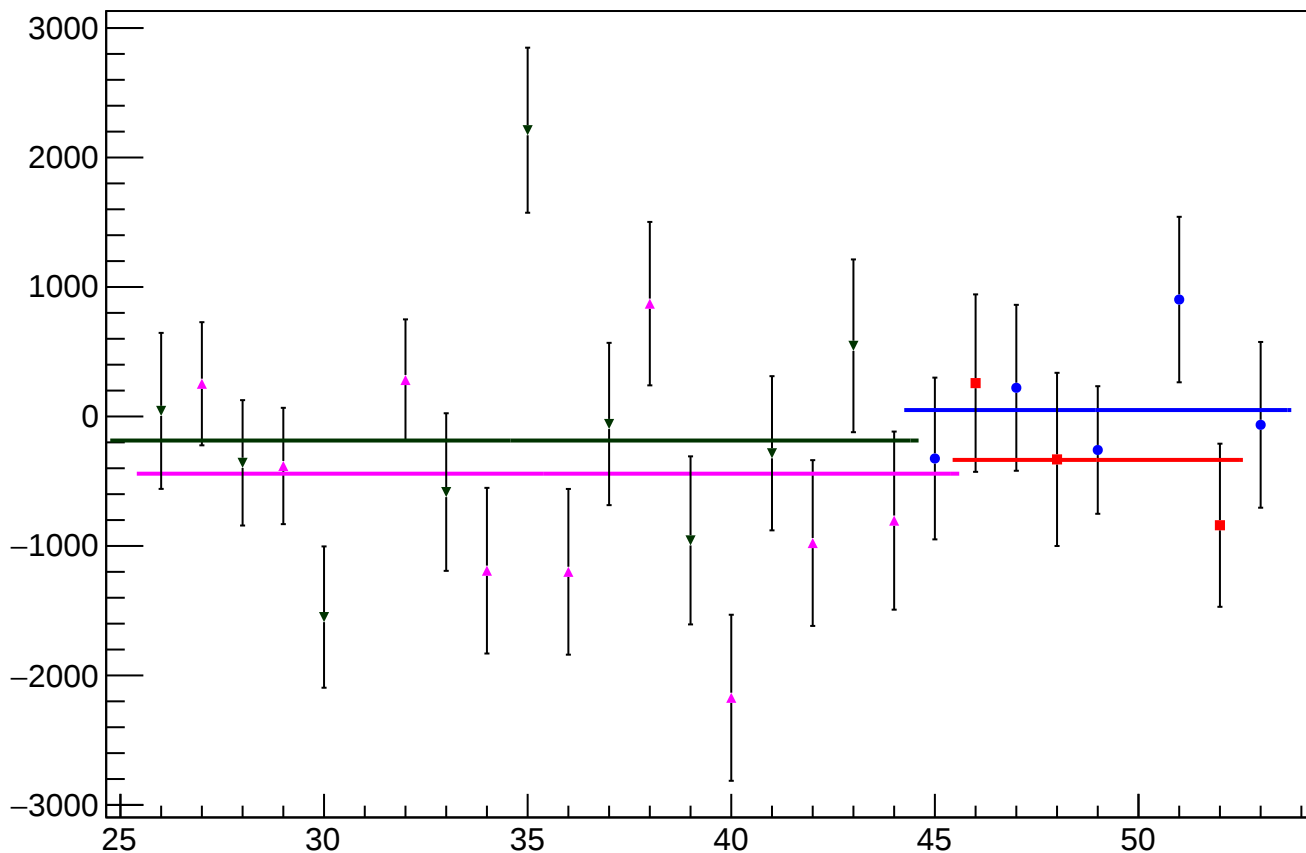
Right Out: 1631.652+/-0.954 χ^2/NDF : 13724.6/2

Left In: 1823.910+/-0.547 χ^2/NDF : 117312.7/8

1723.846+/-0.438 χ^2/NDF : 332248.0/13

1776.302+/-0.475 χ^2/NDF : 161599.9/11

reg_asym_sam8_mean vs slug



Right In: 49.586+/-267.188 χ^2/NDF : 2.6/4

Left Out: -185.734+/-197.924 χ^2/NDF : 23.8/8

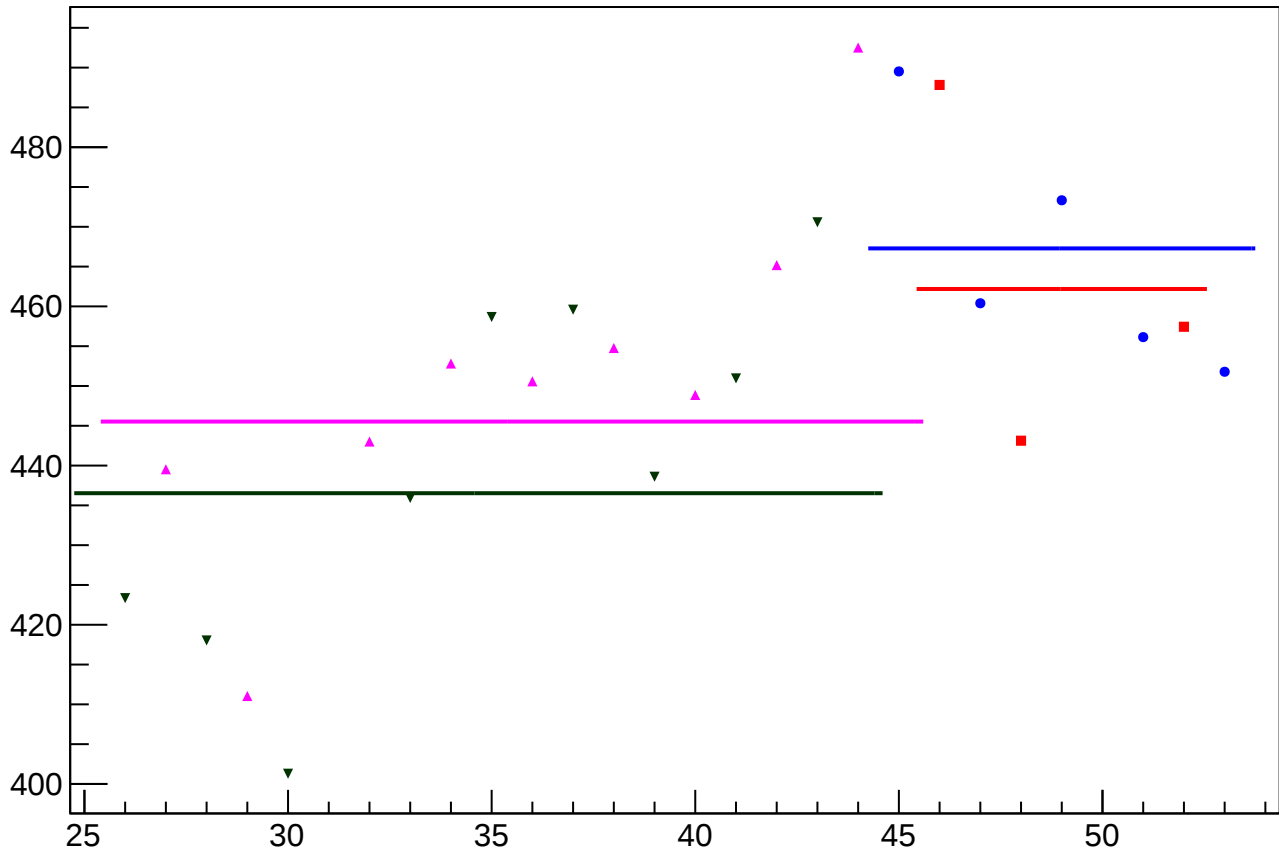
Right Out: -335.448+/-381.084 χ^2/NDF : 1.4/2

Left In: -441.886+/-187.906 χ^2/NDF : 19.9/8

-102.357+/-159.041 χ^2/NDF : 26.9/13

-421.069+/-168.532 χ^2/NDF : 21.4/11

reg_asym_sam8_rms vs slug



Right In: 467.285+/-0.189 χ^2/NDF : 4848.1/4

Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

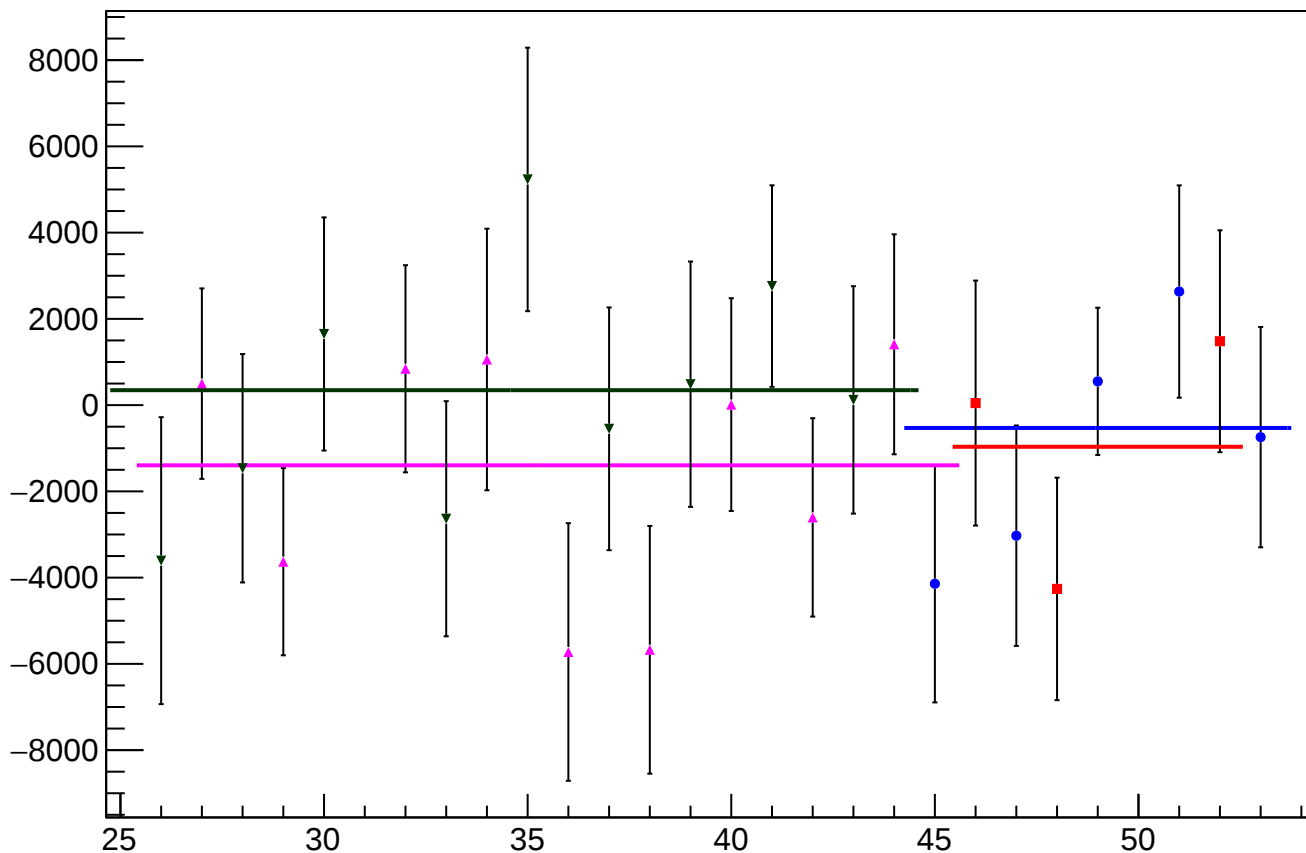
Right Out: 462.187+/-0.269 χ^2/NDF : 4537.3/2

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

447.427+/-0.112 χ^2/NDF : 45698.5/13

448.787+/-0.119 χ^2/NDF : 31863.0/11

asym_sam8_correction_mean vs slug



Right In: -529.369+/-1028.040 χ^2/NDF : 4.7/4

Left Out: 345.867+/-917.400 χ^2/NDF : 7.0/8

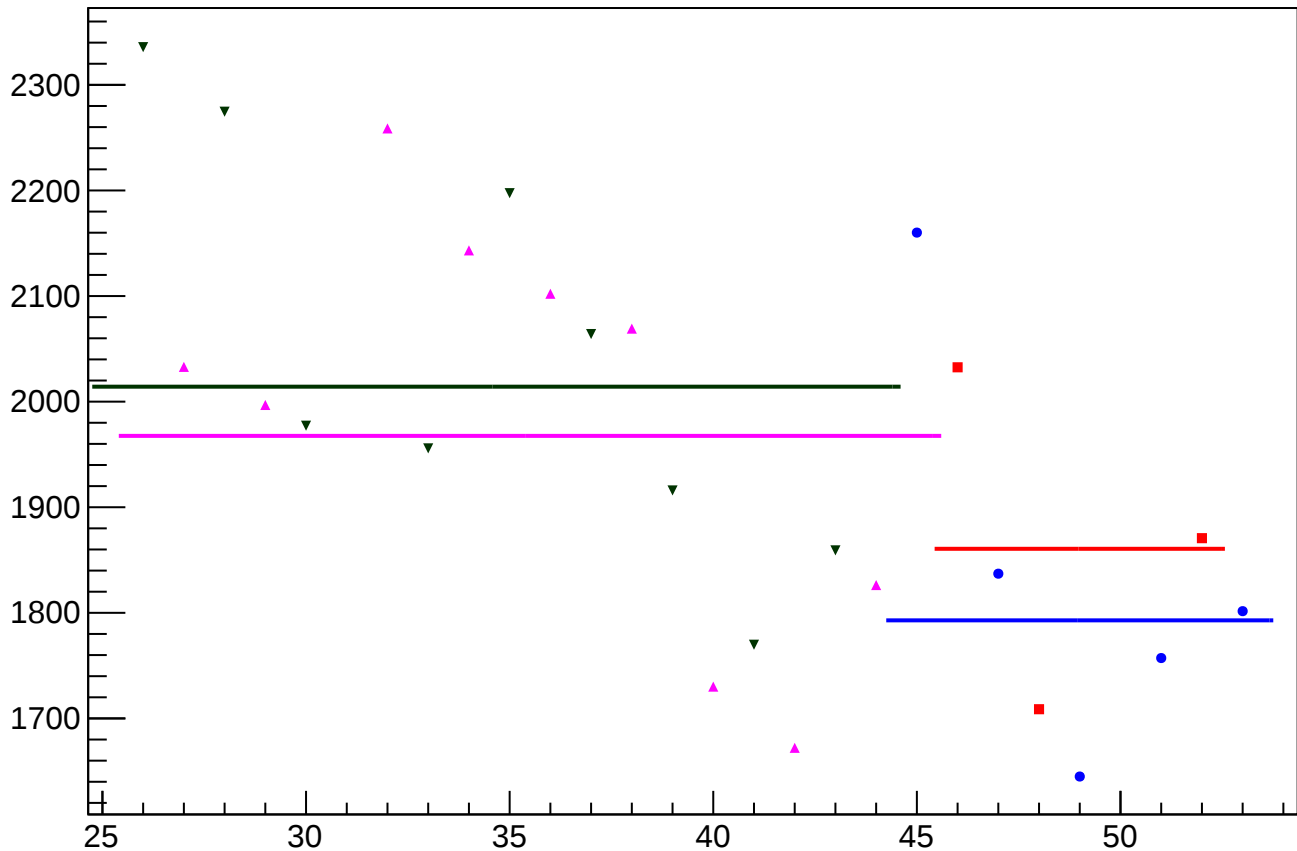
Right Out: -966.025+/-1533.455 χ^2/NDF : 2.7/2

Left In: -1396.281+/-833.383 χ^2/NDF : 9.5/8

-42.136+/-684.486 χ^2/NDF : 12.2/13

-1298.178+/-732.234 χ^2/NDF : 12.2/11

asym_sam8_correction_rms vs slug



Right In: 1792.875+/-0.727 χ^2/NDF : 51648.2/4

Left Out: 2014.180+/-0.649 χ^2/NDF : 78312.3/8

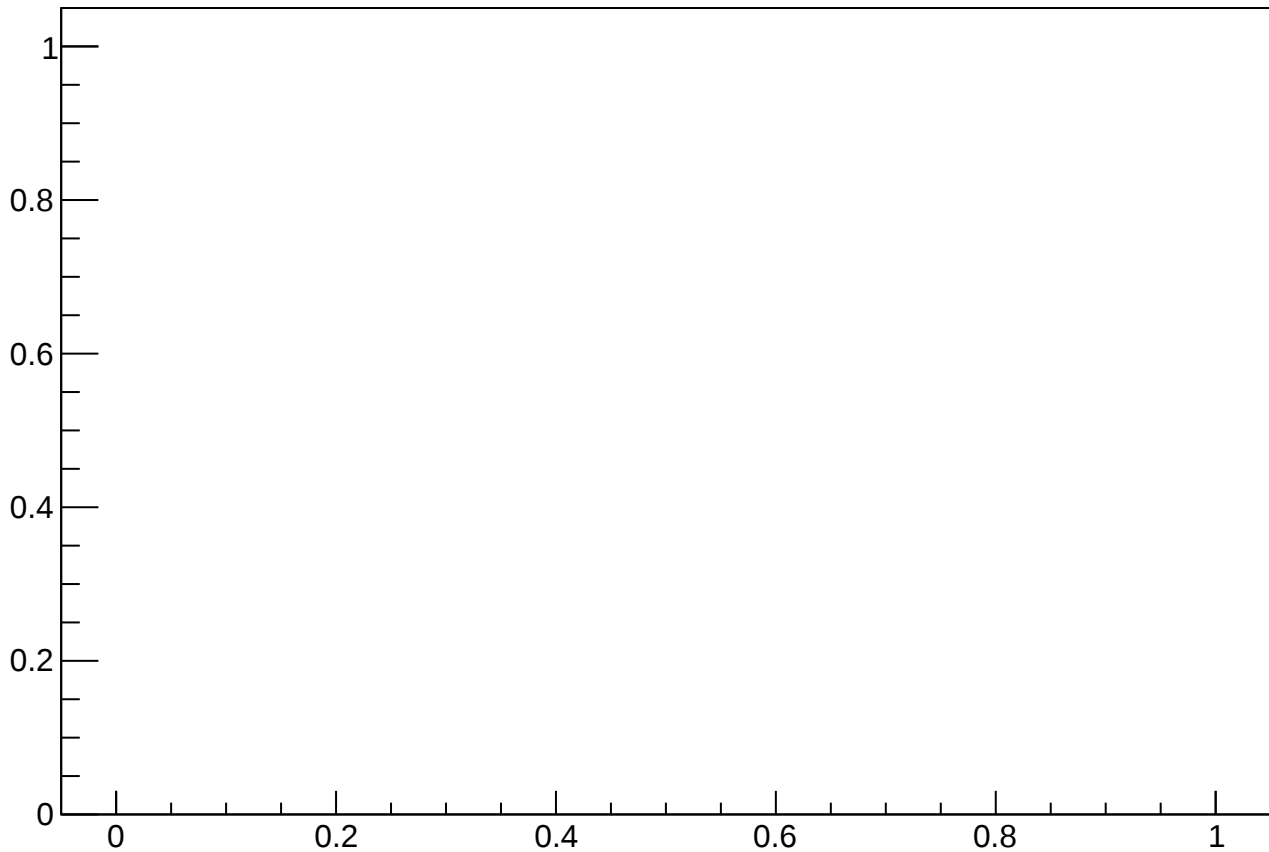
Right Out: 1860.638+/-1.084 χ^2/NDF : 14292.2/2

Left In: 1967.588+/-0.589 χ^2/NDF : 102441.7/8

1916.073+/-0.484 χ^2/NDF : 181555.3/13

1943.202+/-0.518 χ^2/NDF : 124244.1/11

bcm_an_us_ds3_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_avg_rms vs slug



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

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

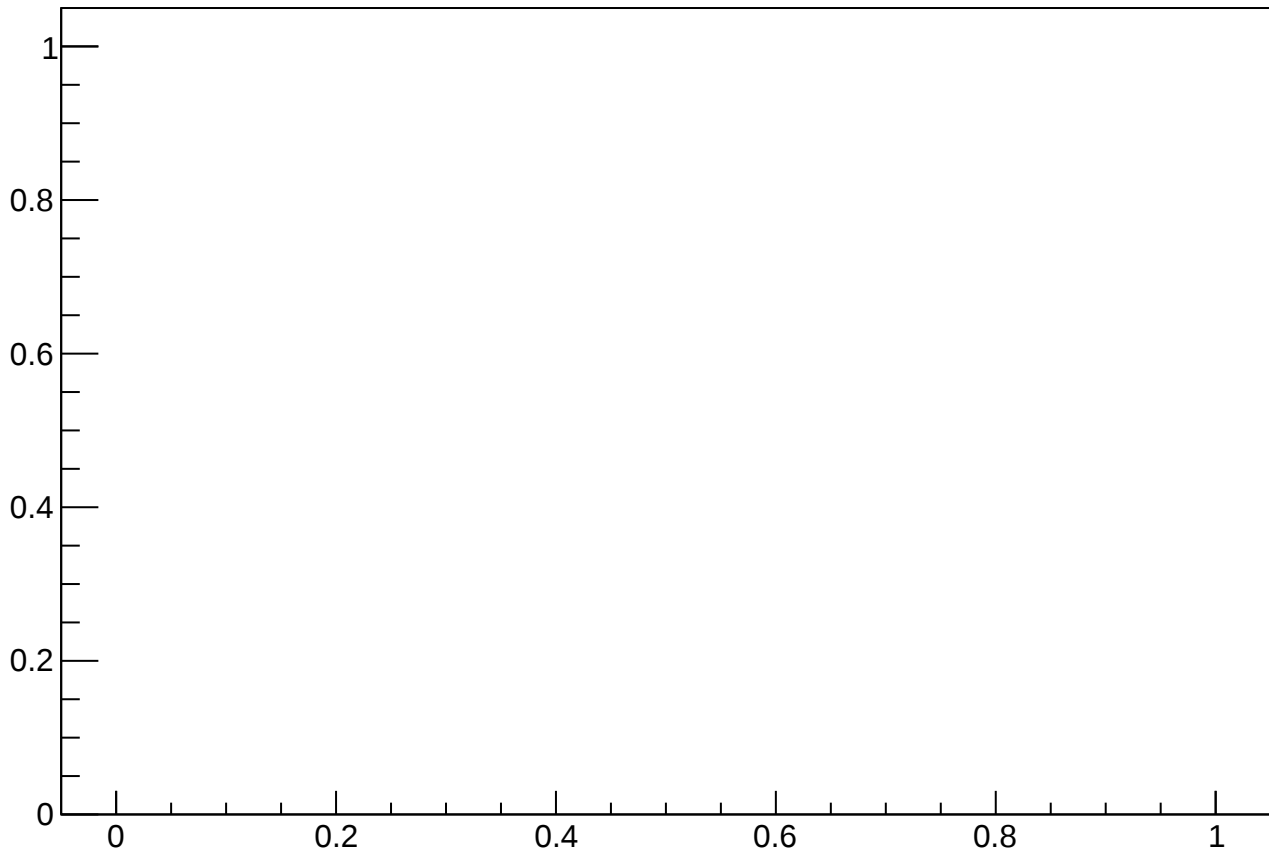
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

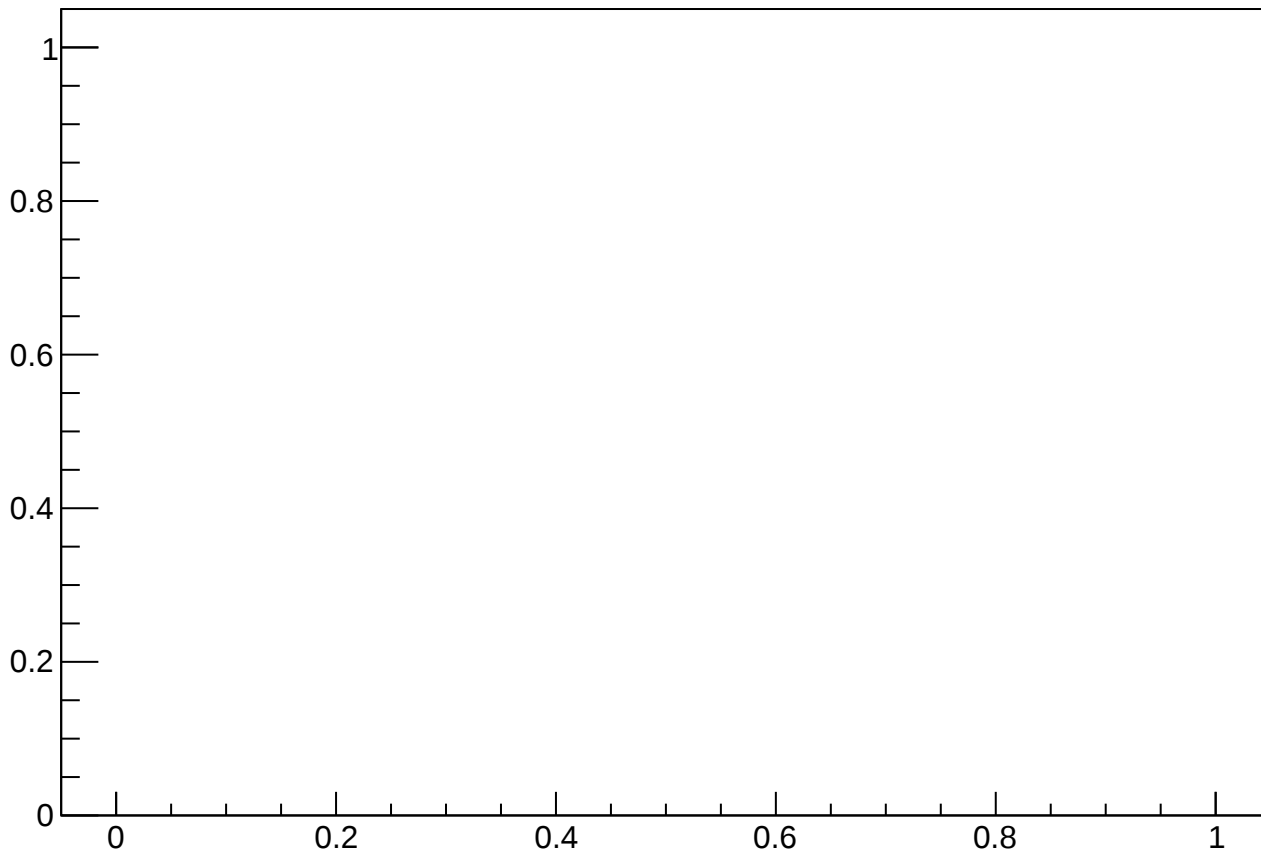
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

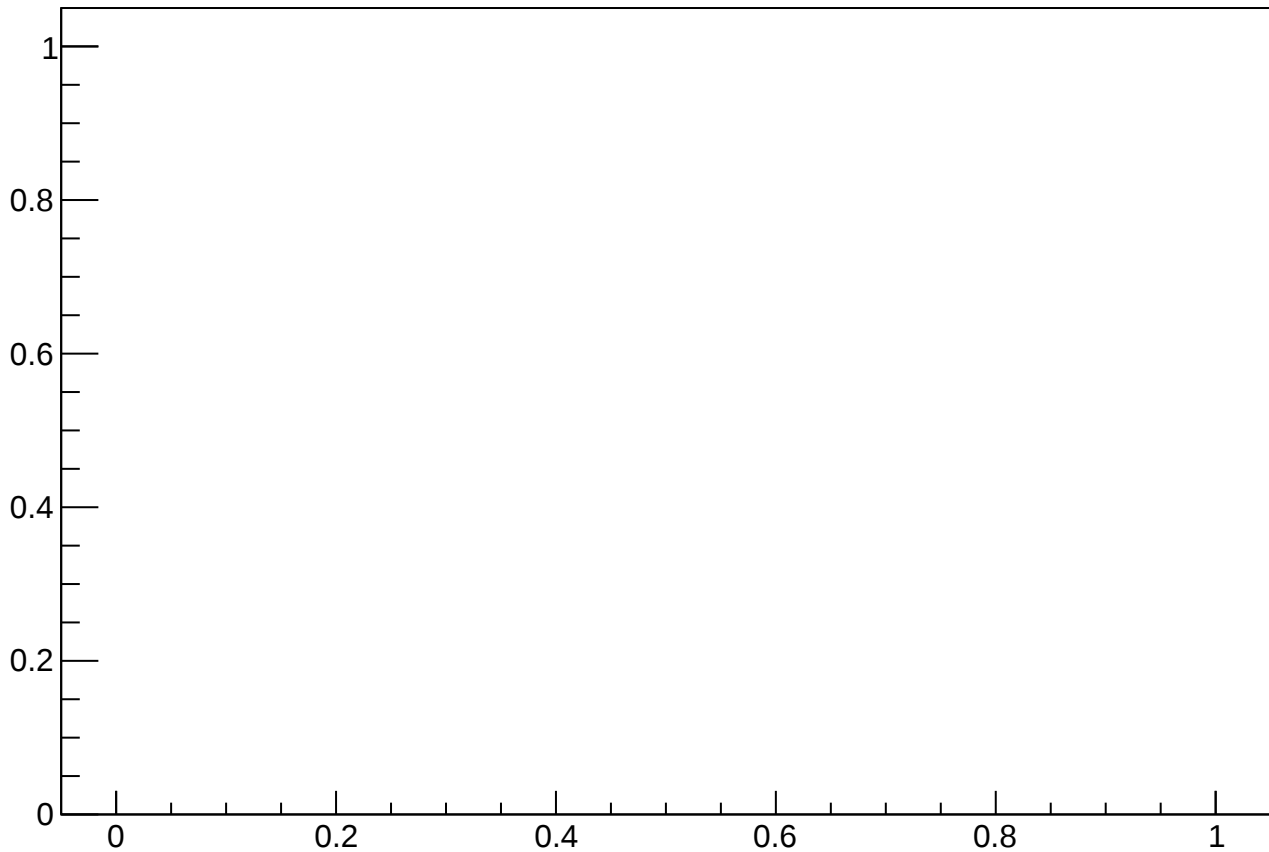
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

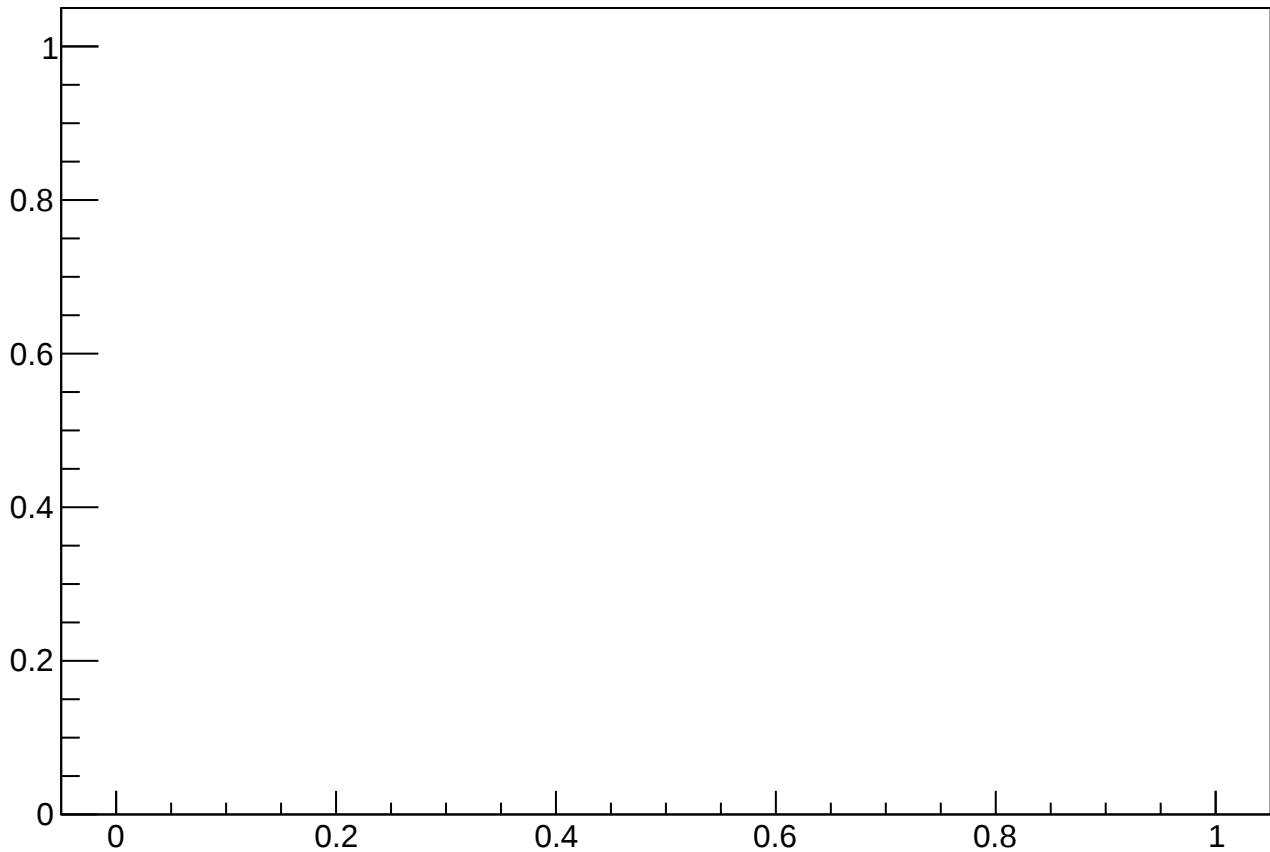
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_rms vs slug



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

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

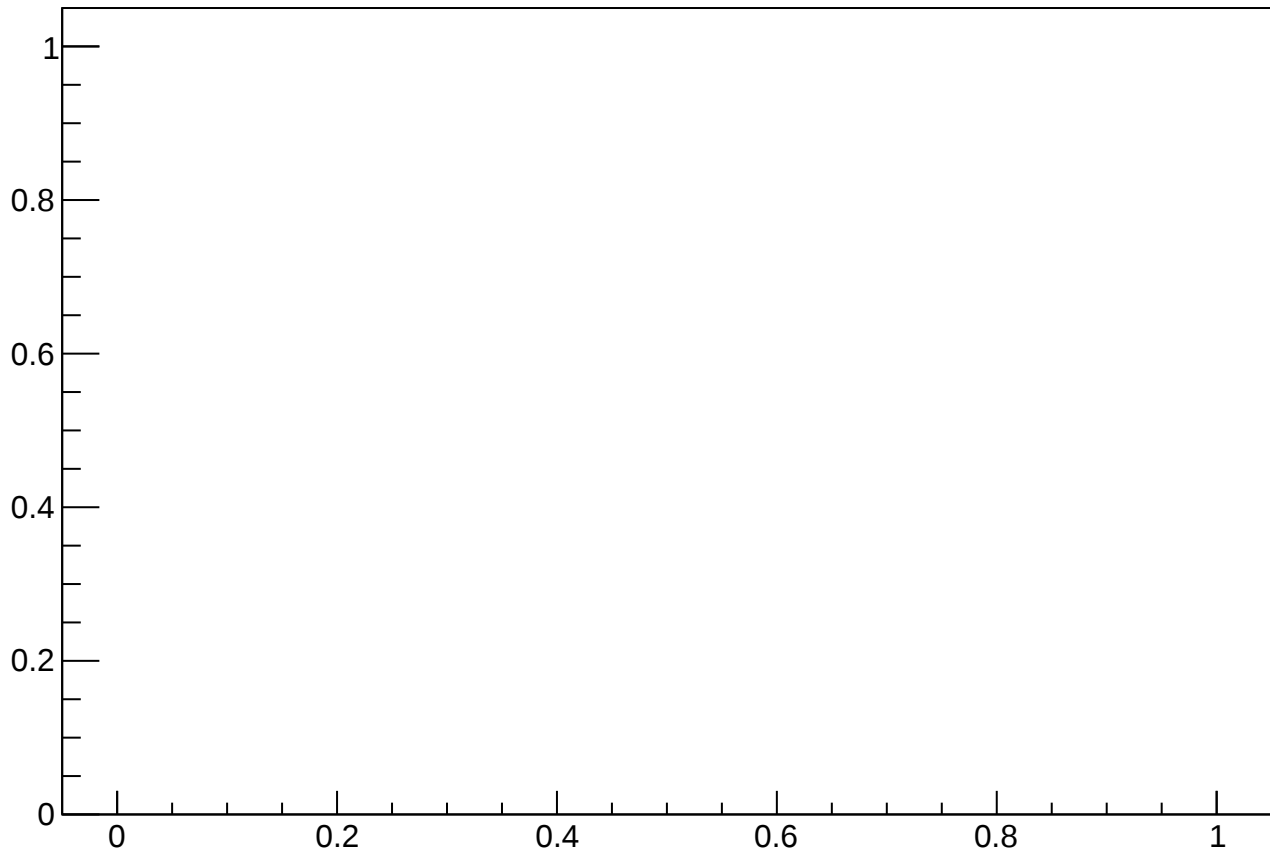
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



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

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

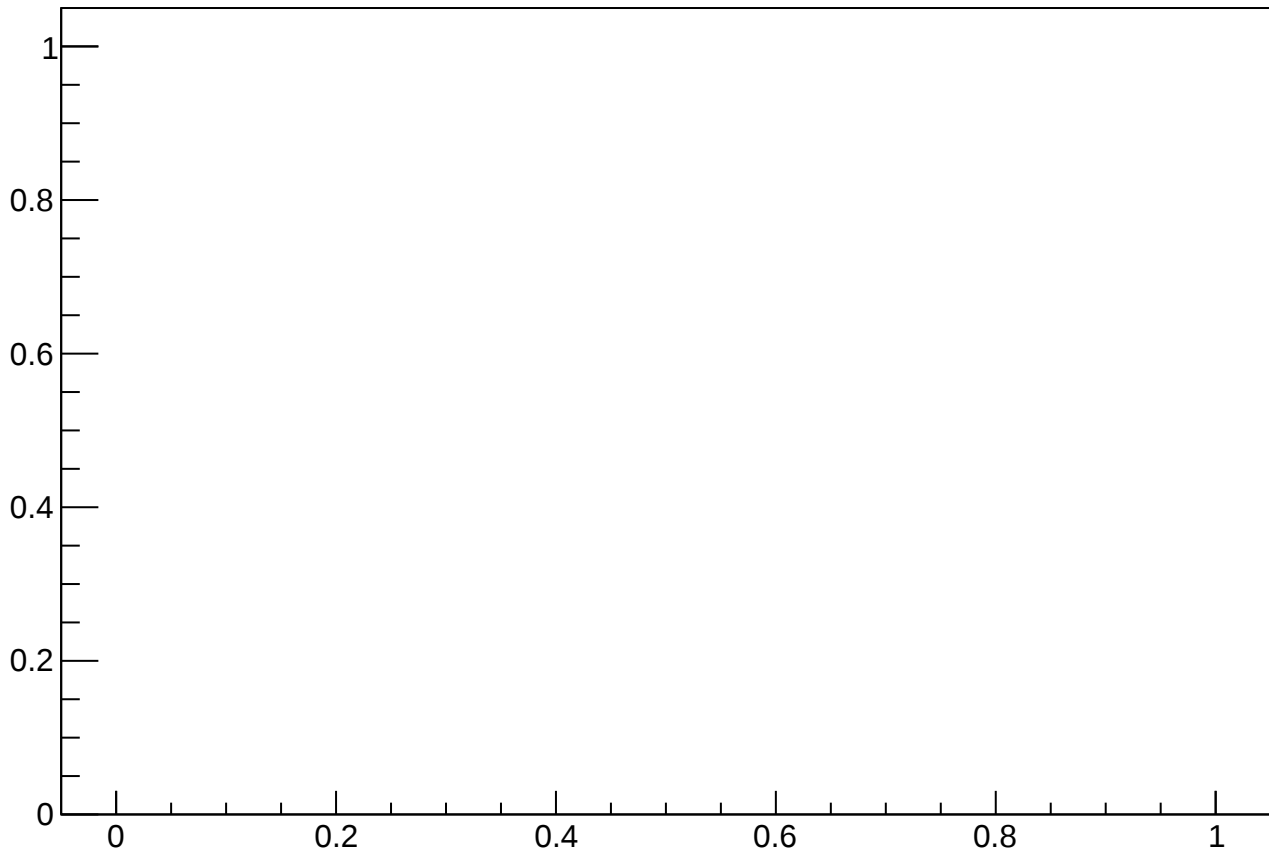
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_rms vs slug



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

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

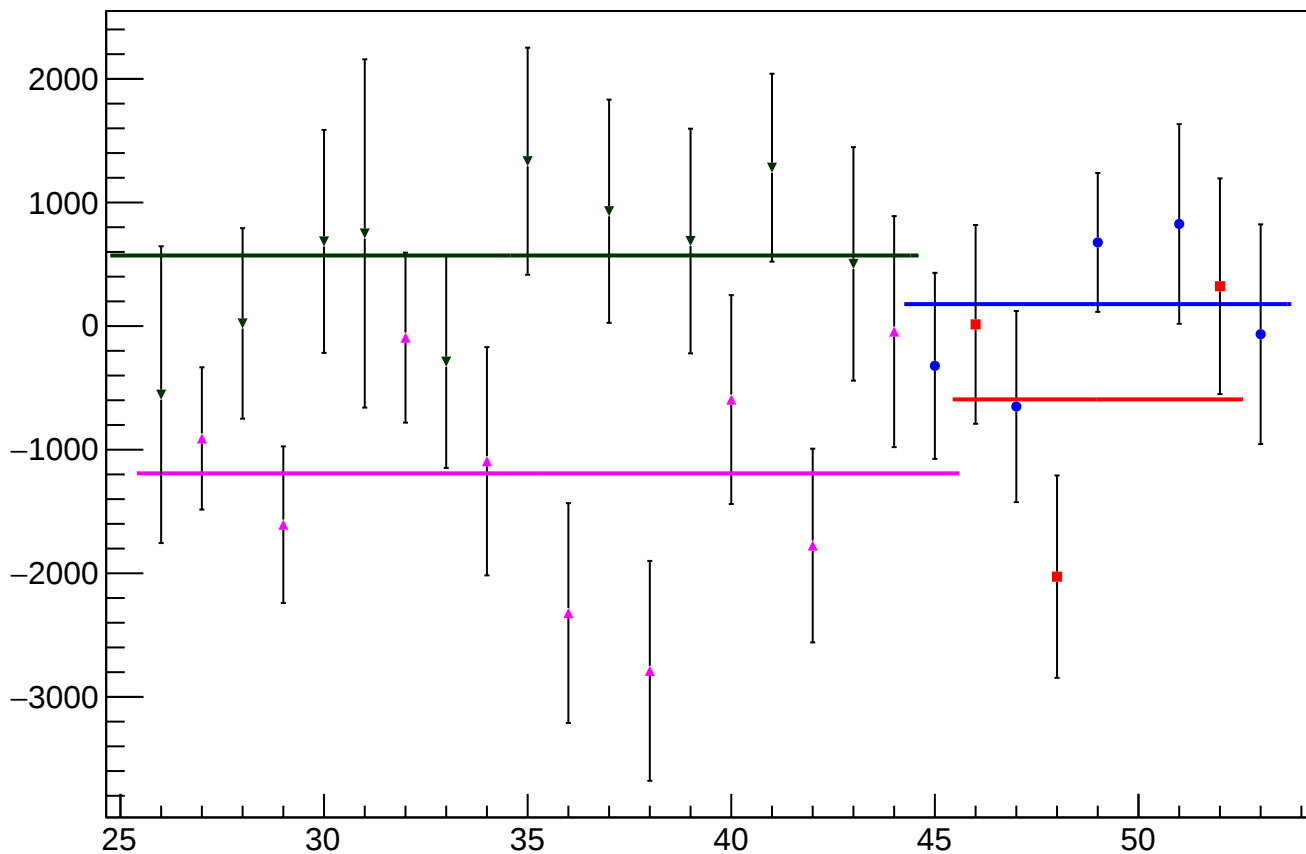
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: 177.779 ± 326.066 χ^2/NDF : 3.1/4

Left Out: 571.316 ± 289.447 χ^2/NDF : 4.2/9

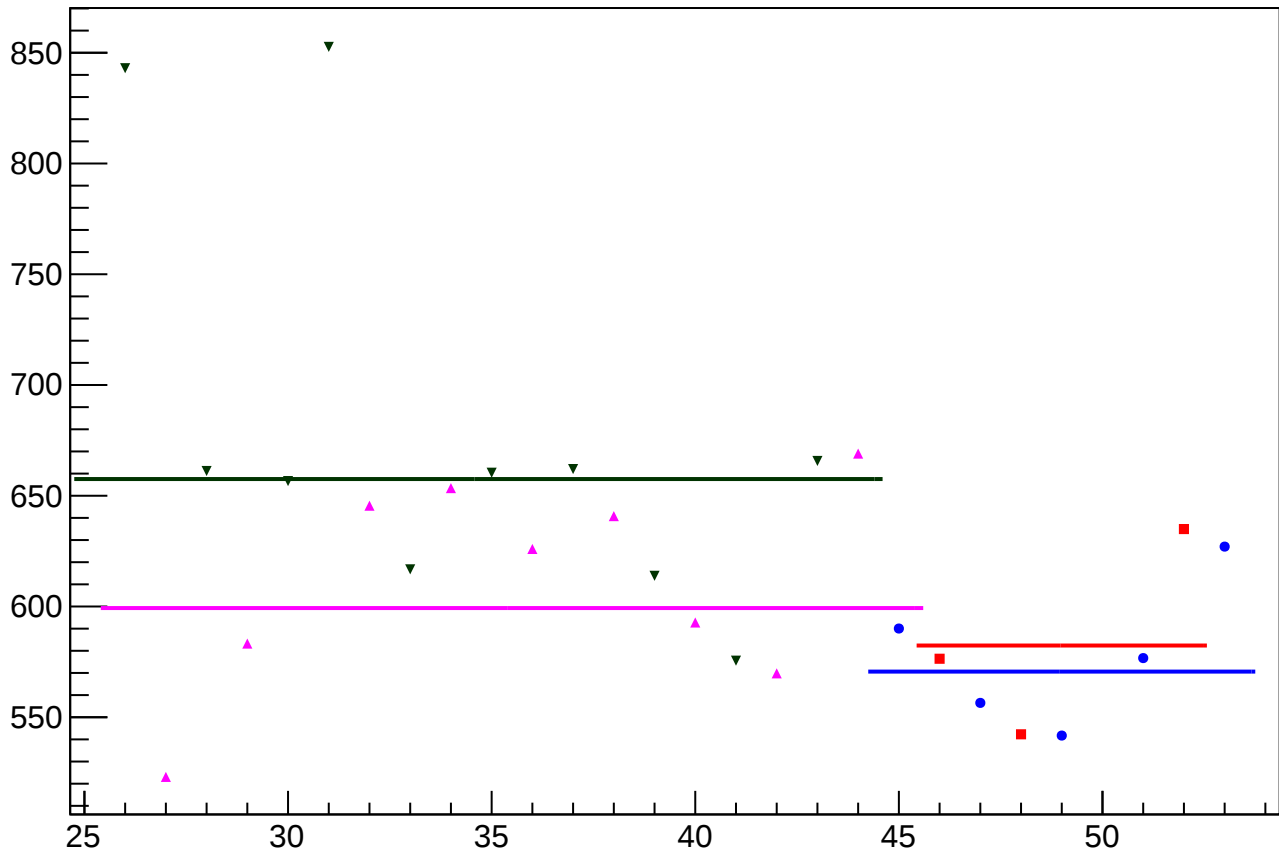
Right Out: -592.862 ± 479.353 χ^2/NDF : 4.7/2

Left In: -1191.089 ± 253.972 χ^2/NDF : 10.6/8

397.878 ± 216.464 χ^2/NDF : 8.1/14

-1059.967 ± 224.419 χ^2/NDF : 16.6/11

asym_left_avg_rms vs slug



Right In: 570.609 $\pm$ 0.231 χ^2 /NDF: 15465.0/4

Left Out: 657.542 $\pm$ 0.205 χ^2 /NDF:118756.6/9

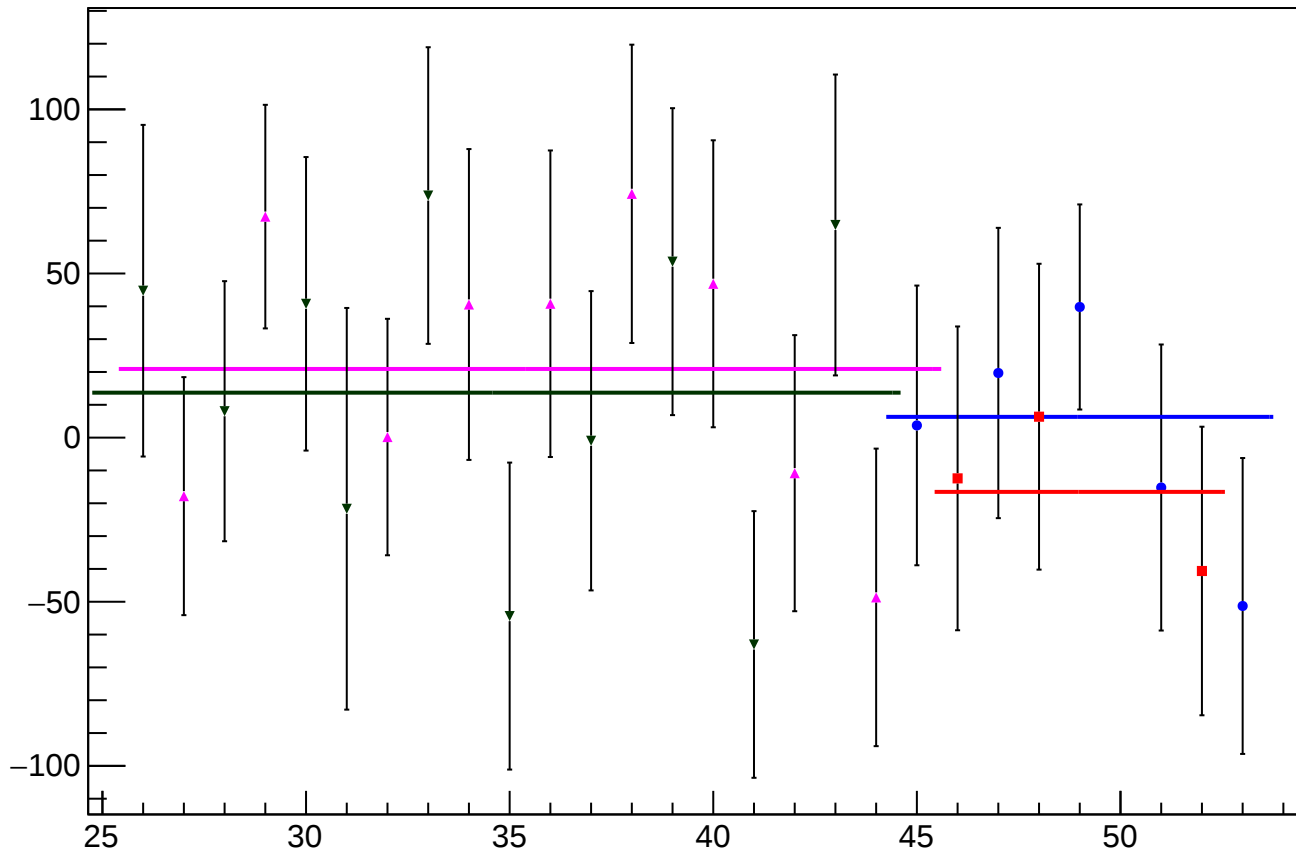
Right Out: 582.381 $\pm$ 0.339 χ^2 /NDF: 12164.4/2

Left In: 599.294 $\pm$ 0.180 χ^2 /NDF:72539.4/8

619.230 $\pm$ 0.153 χ^2 /NDF: 213731.3/14

595.587 $\pm$ 0.159 χ^2 /NDF: 86647.8/11

asym_left_dd_mean vs slug



Right In: 6.325 ± 17.944 χ^2/NDF : 3.1/4

Left Out: 13.695 ± 14.488 χ^2/NDF : 10.6/9

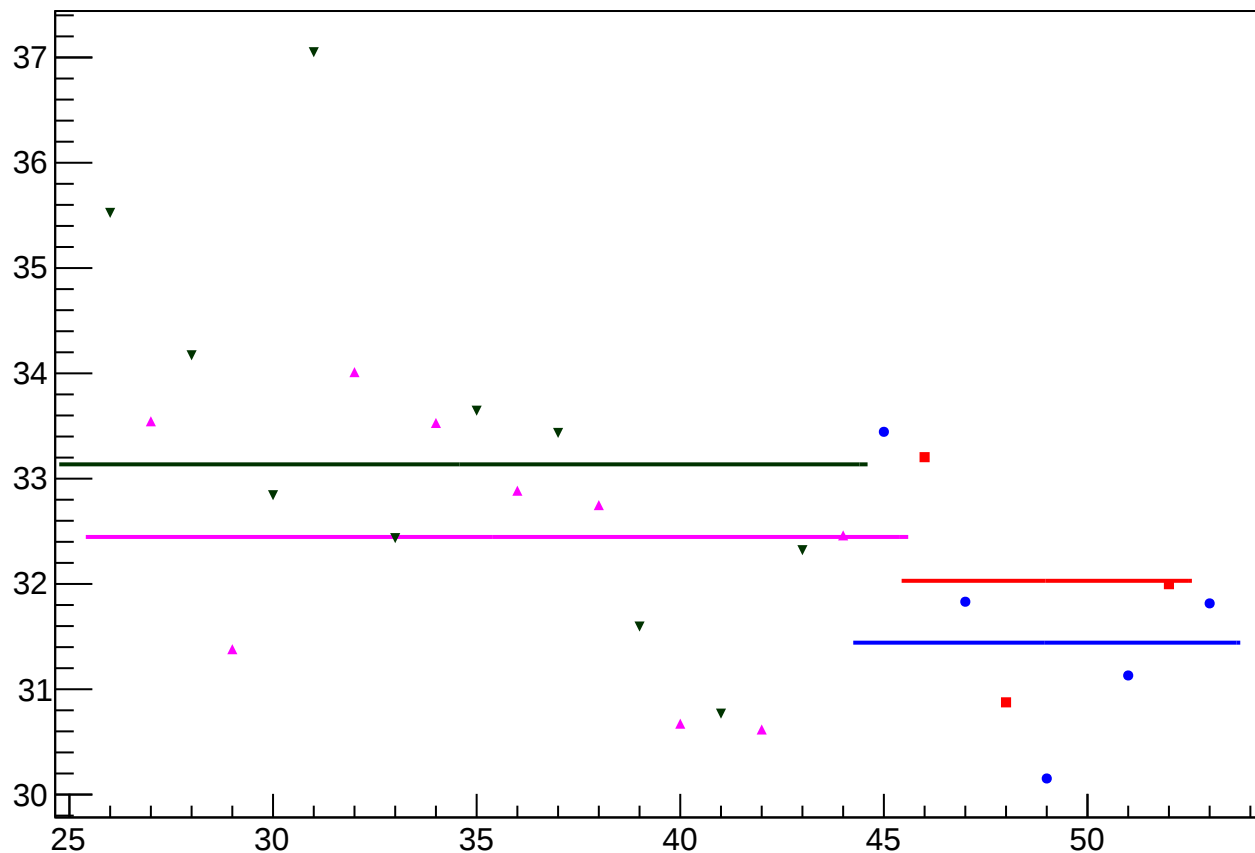
Right Out: -16.529 ± 26.304 χ^2/NDF : 0.6/2

Left In: 20.919 ± 13.661 χ^2/NDF : 8.3/8

10.786 ± 11.272 χ^2/NDF : 13.8/14

12.964 ± 12.124 χ^2/NDF : 10.5/11

asym_left_dd_rms vs slug



Right In: 31.442+/-0.013 χ^2/NDF : 8220.0/4

Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

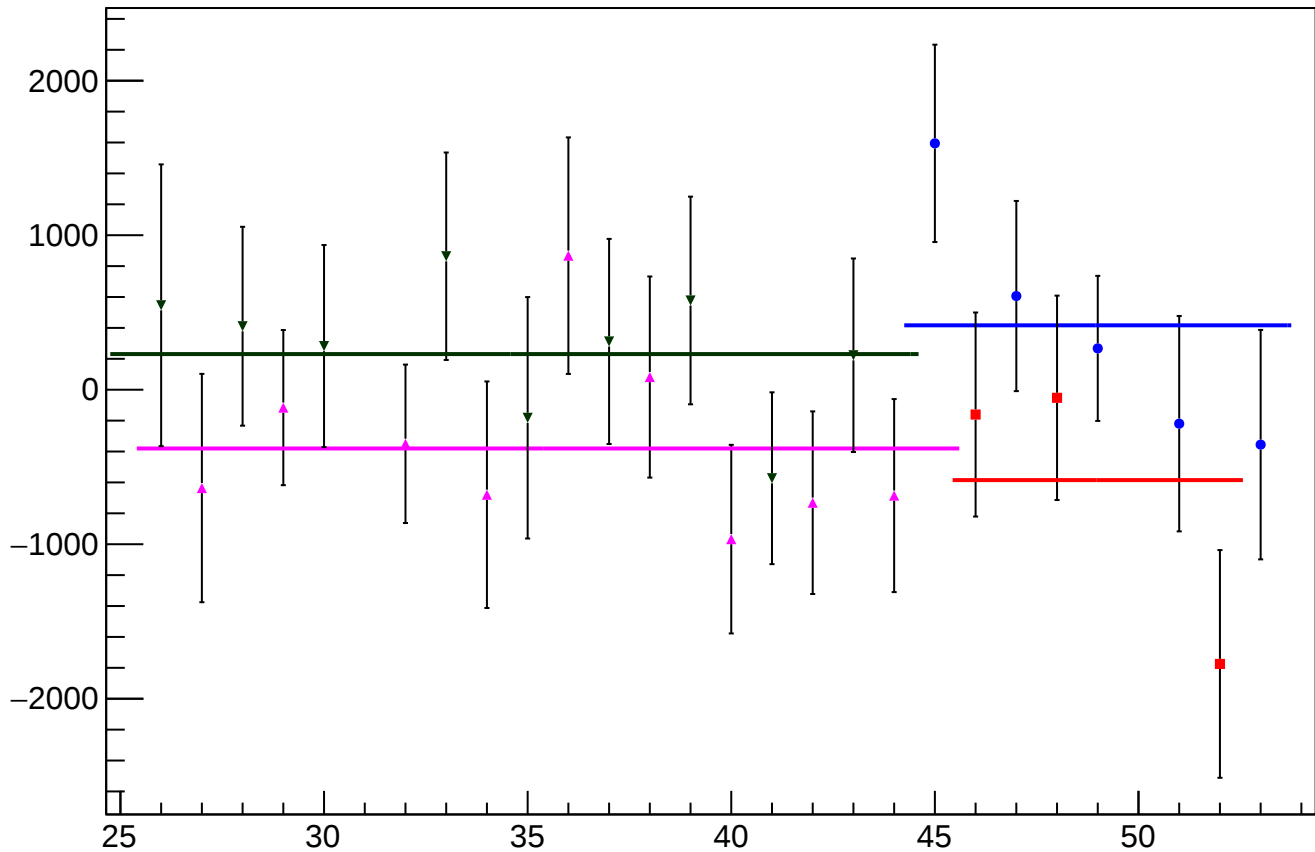
Right Out: 32.030+/-0.019 χ^2/NDF : 2516.3/2

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.468+/-0.008 χ^2/NDF : 43512.0/14

32.358+/-0.009 χ^2/NDF : 18865.6/11

asym_right_avg_mean vs slug



Right In: 416.795 ± 272.161 χ^2/NDF : 5.5/4

Left Out: 230.682 ± 223.170 χ^2/NDF : 3.7/8

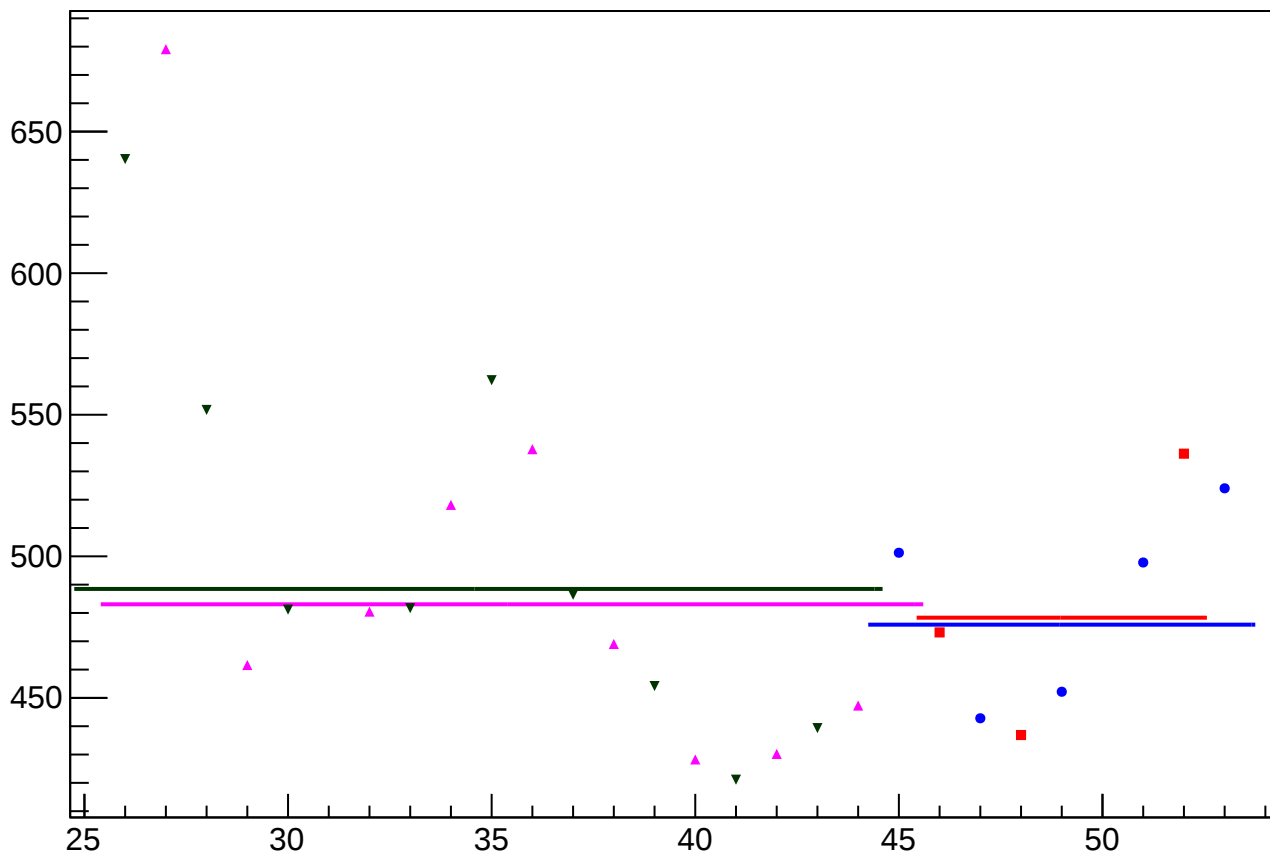
Right Out: -585.008 ± 394.661 χ^2/NDF : 3.7/2

Left In: -380.345 ± 205.678 χ^2/NDF : 5.2/8

305.509 ± 172.571 χ^2/NDF : 9.5/13

-424.058 ± 182.395 χ^2/NDF : 9.1/11

asym_right_avg_rms vs slug



Right In: 475.870+/-0.192 χ^2/NDF : 24421.8/4

Left Out: 488.486+/-0.158 χ^2/NDF :139883.7/8

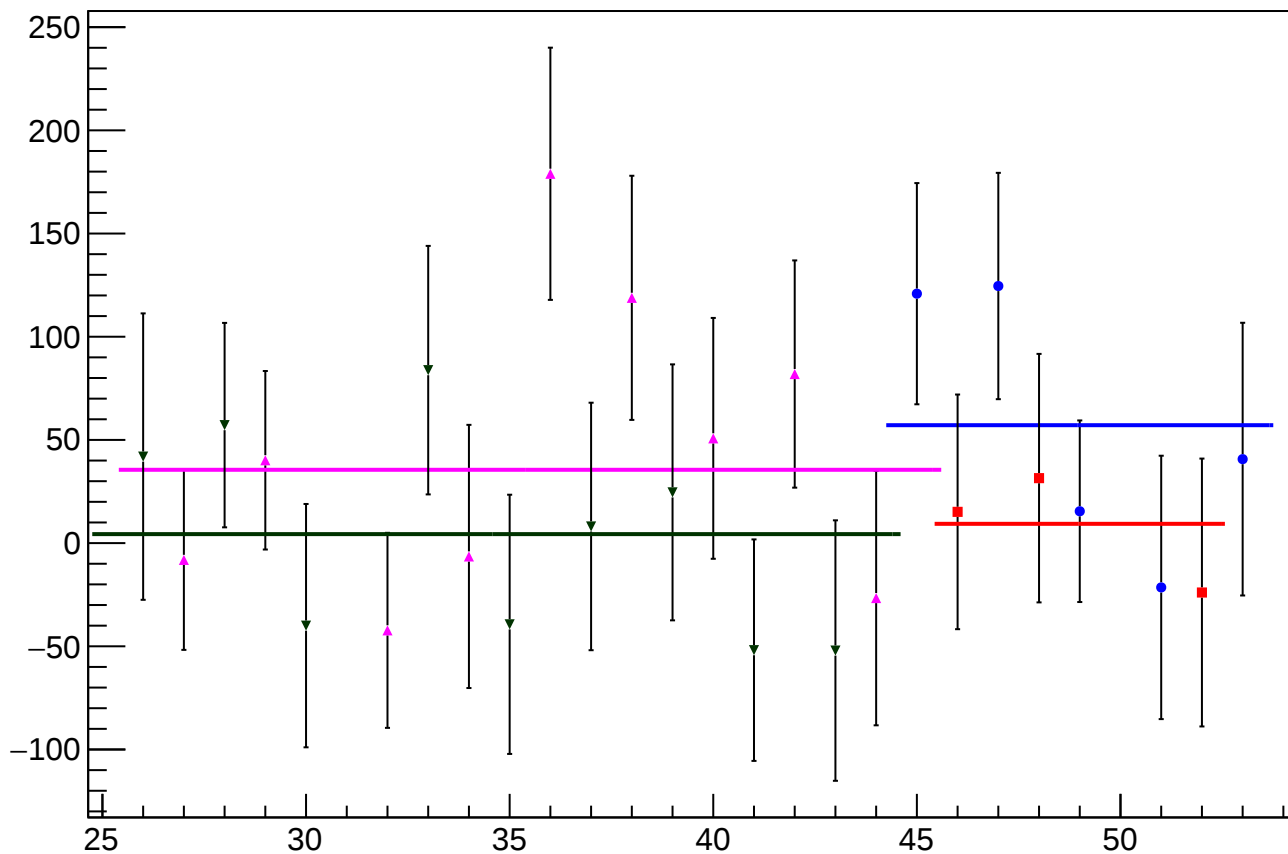
Right Out: 478.333+/-0.279 χ^2/NDF : 20327.4/2

Left In: 483.060+/-0.145 χ^2/NDF :198862.0/8

483.414+/-0.122 χ^2/NDF : 166875.4/13

482.050+/-0.129 χ^2/NDF : 219415.1/11

asym_right_dd_mean vs slug



Right In: 57.134 $\pm$ 24.455 χ^2 /NDF: 5.4/4

Left Out: 4.356 $\pm$ 19.730 χ^2 /NDF: 6.2/8

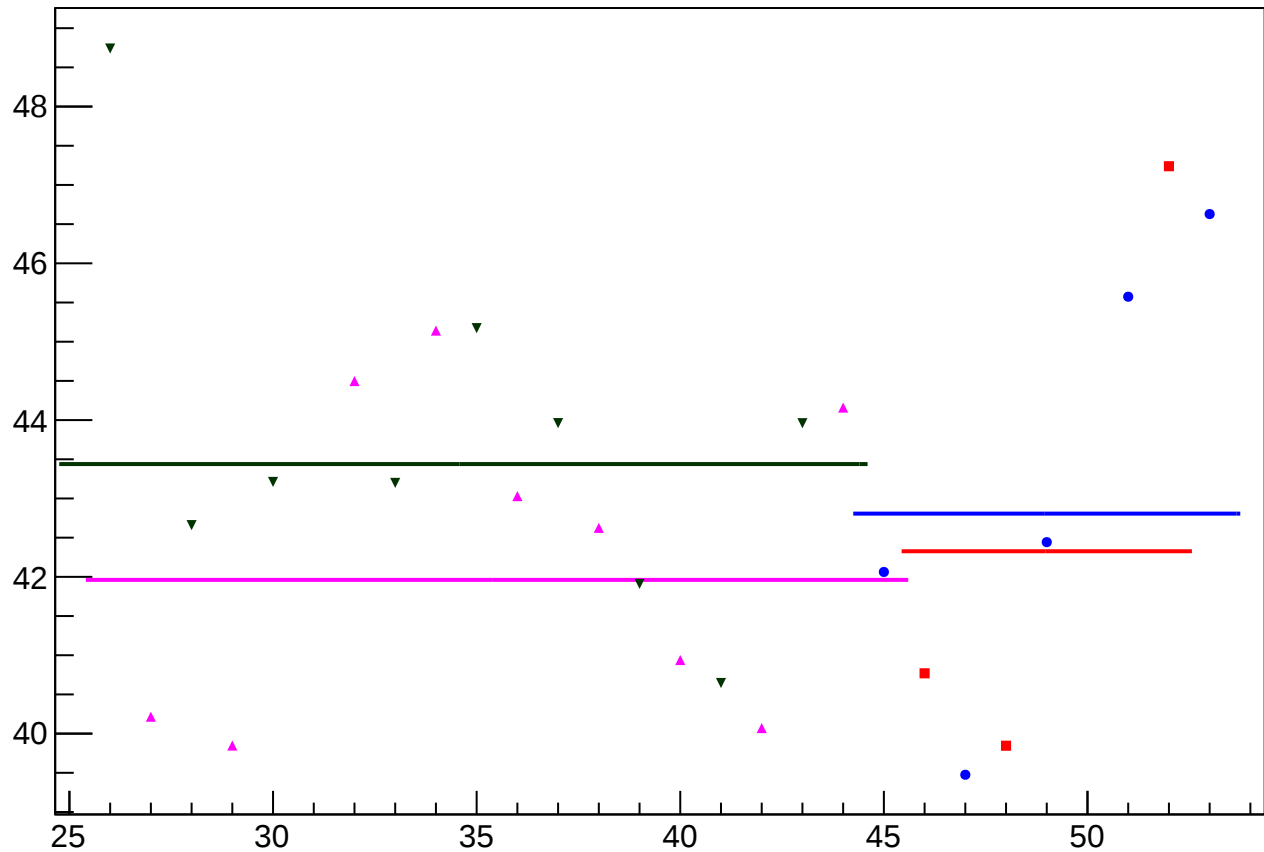
Right Out: 9.343 $\pm$ 34.863 χ^2 /NDF: 0.4/2

Left In: 35.527 $\pm$ 17.692 χ^2 /NDF: 13.4/8

25.164 $\pm$ 15.355 χ^2 /NDF: 14.5/13

30.165 $\pm$ 15.777 χ^2 /NDF: 14.3/11

asym_right_dd_rms vs slug



Right In: 42.807 $\pm$ 0.017 χ^2 /NDF: 18359.7/4

Left Out: 43.439 $\pm$ 0.014 χ^2 /NDF: 20677.6/8

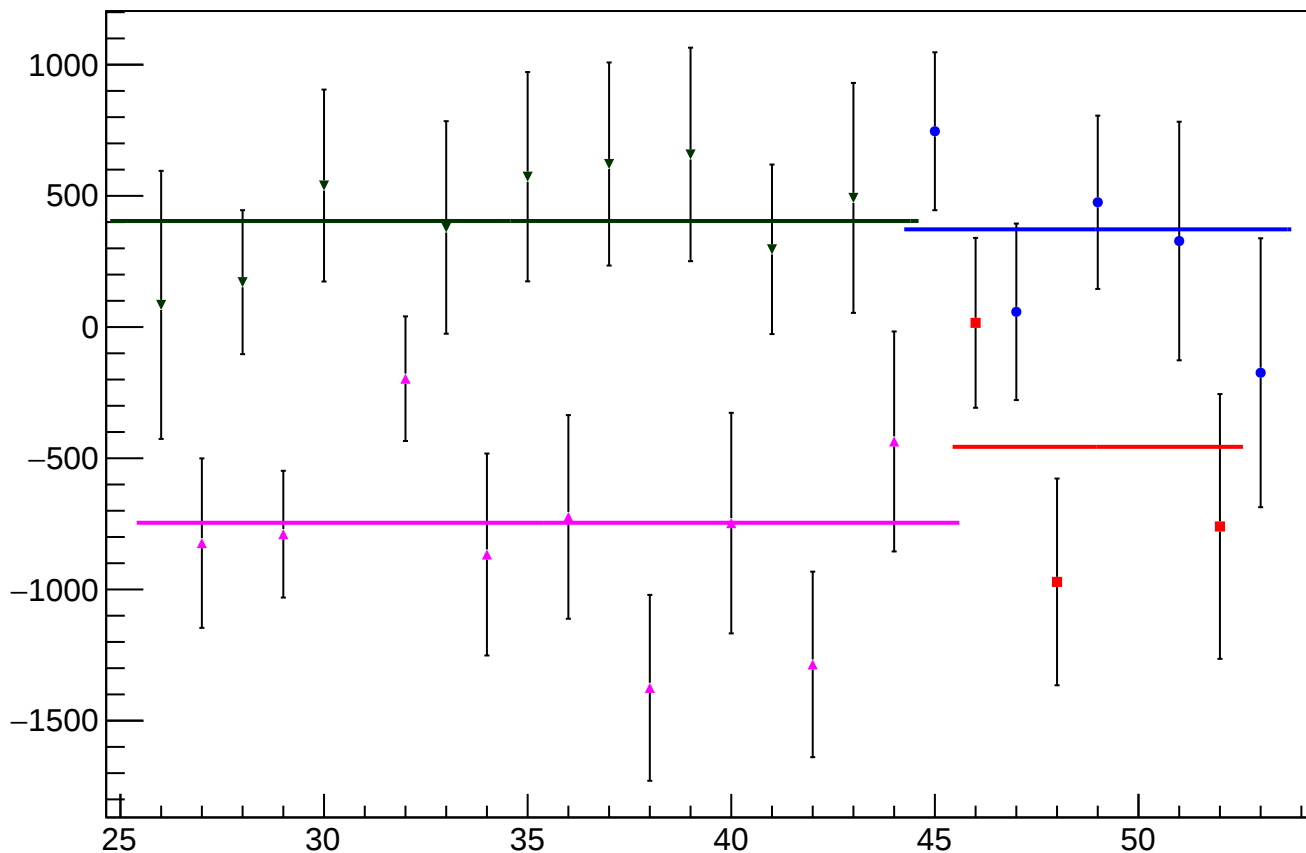
Right Out: 42.327 $\pm$ 0.025 χ^2 /NDF: 16355.7/2

Left In: 41.961 $\pm$ 0.013 χ^2 /NDF: 25099.4/8

43.190 $\pm$ 0.011 χ^2 /NDF: 39847.0/13

42.036 $\pm$ 0.011 χ^2 /NDF: 41629.5/11

asym_us_avg_mean vs slug



Right In: 372.421±162.872 χ^2/NDF : 3.7/4

Left Out: 404.336±124.534 χ^2/NDF :2.3/8

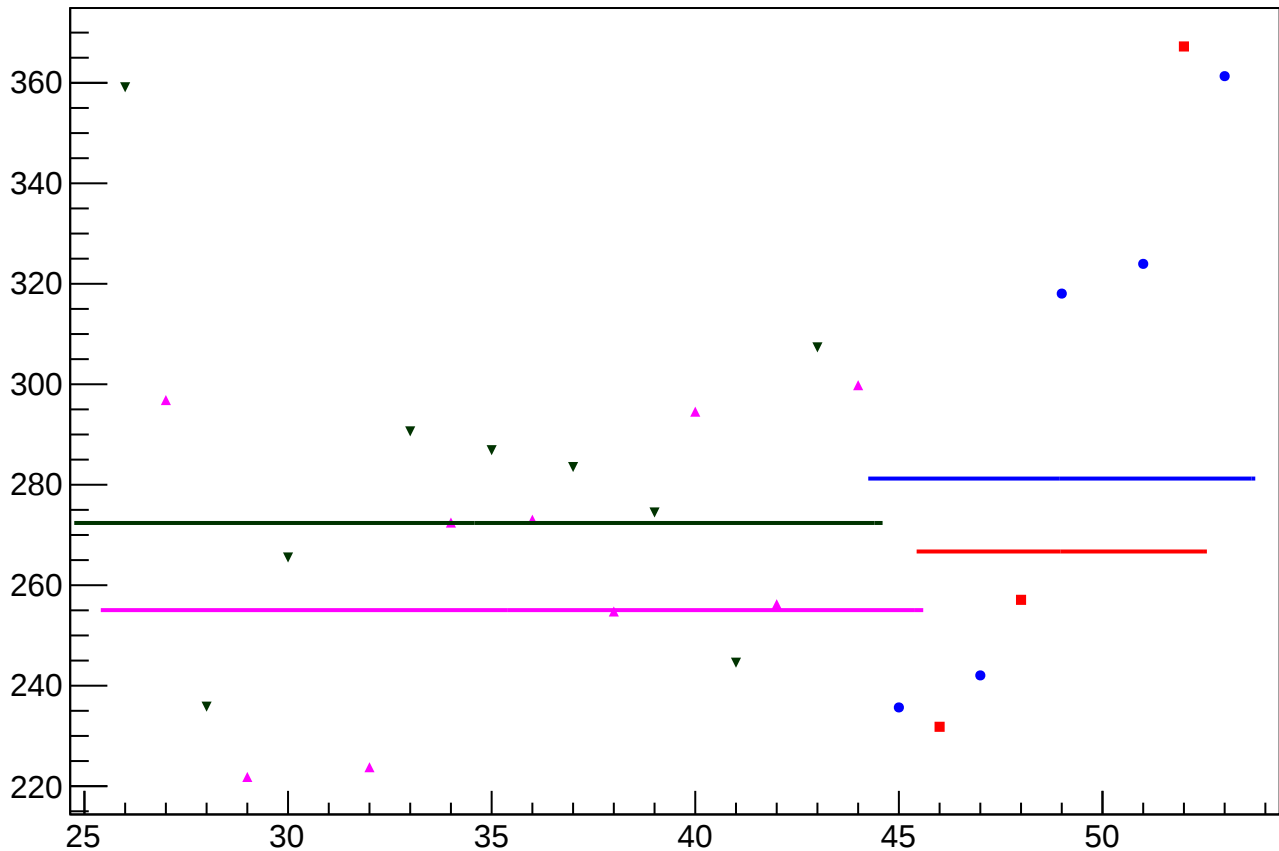
Right Out: -456.408±224.096 χ^2/NDF : 4.2/2

Left In: -745.763±108.353 χ^2/NDF :11.6/8

392.561±98.929 χ^2/NDF : 6.0/13

-690.935±97.549 χ^2/NDF : 17.1/11

asym_us_avg_rms vs slug



Right In: 281.230 ± 0.115 χ^2/NDF : 164375.1/4

Left Out: 272.390 ± 0.088 χ^2/NDF : 129813.8/8

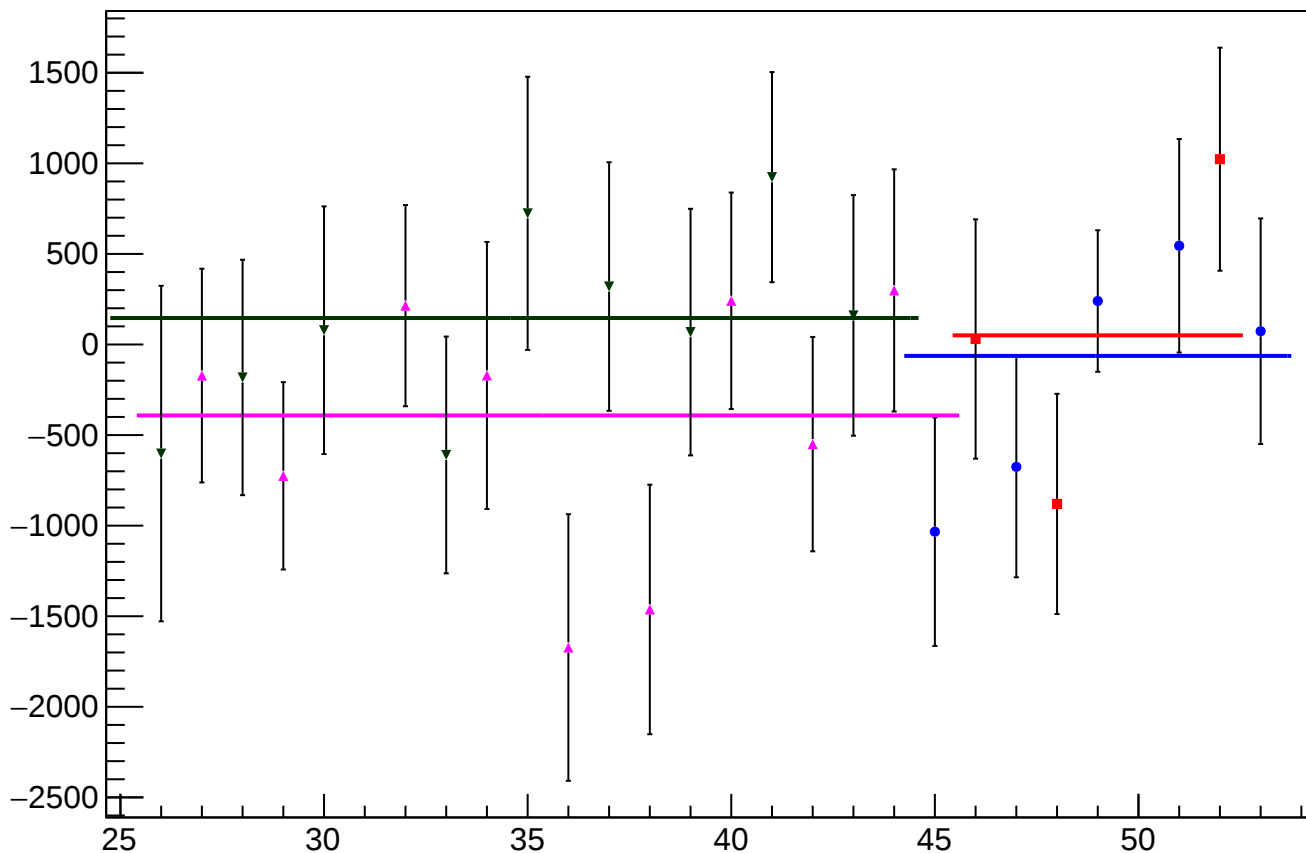
Right Out: 266.712 ± 0.158 χ^2/NDF : 103831.3/2

Left In: 255.044 ± 0.077 χ^2/NDF : 154924.7/8

275.652 ± 0.070 χ^2/NDF : 297907.0/13

257.255 ± 0.069 χ^2/NDF : 263151.0/11

asym_us_dd_mean vs slug



Right In: -63.000 ± 241.032 χ^2/NDF : 5.1/4

Left Out: 146.103 ± 227.629 χ^2/NDF : 4.7/8

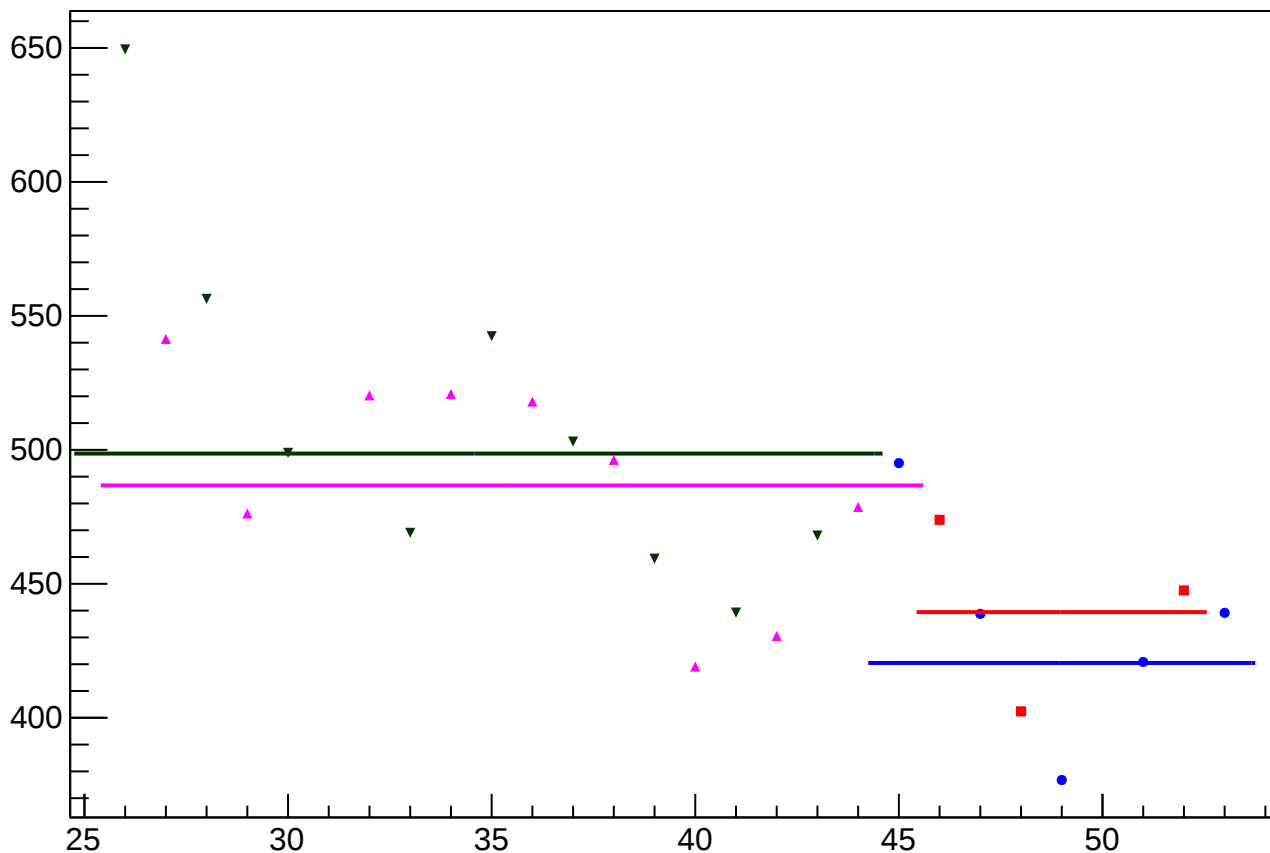
Right Out: 50.552 ± 361.868 χ^2/NDF : 4.8/2

Left In: -391.655 ± 206.066 χ^2/NDF : 9.5/8

47.527 ± 165.494 χ^2/NDF : 10.2/13

-283.373 ± 179.068 χ^2/NDF : 15.5/11

asym_us_dd_rms vs slug



Right In: 420.456+/-0.170 χ^2/NDF : 56611.6/4

Left Out: 498.620+/-0.161 χ^2/NDF : 111631.8/8

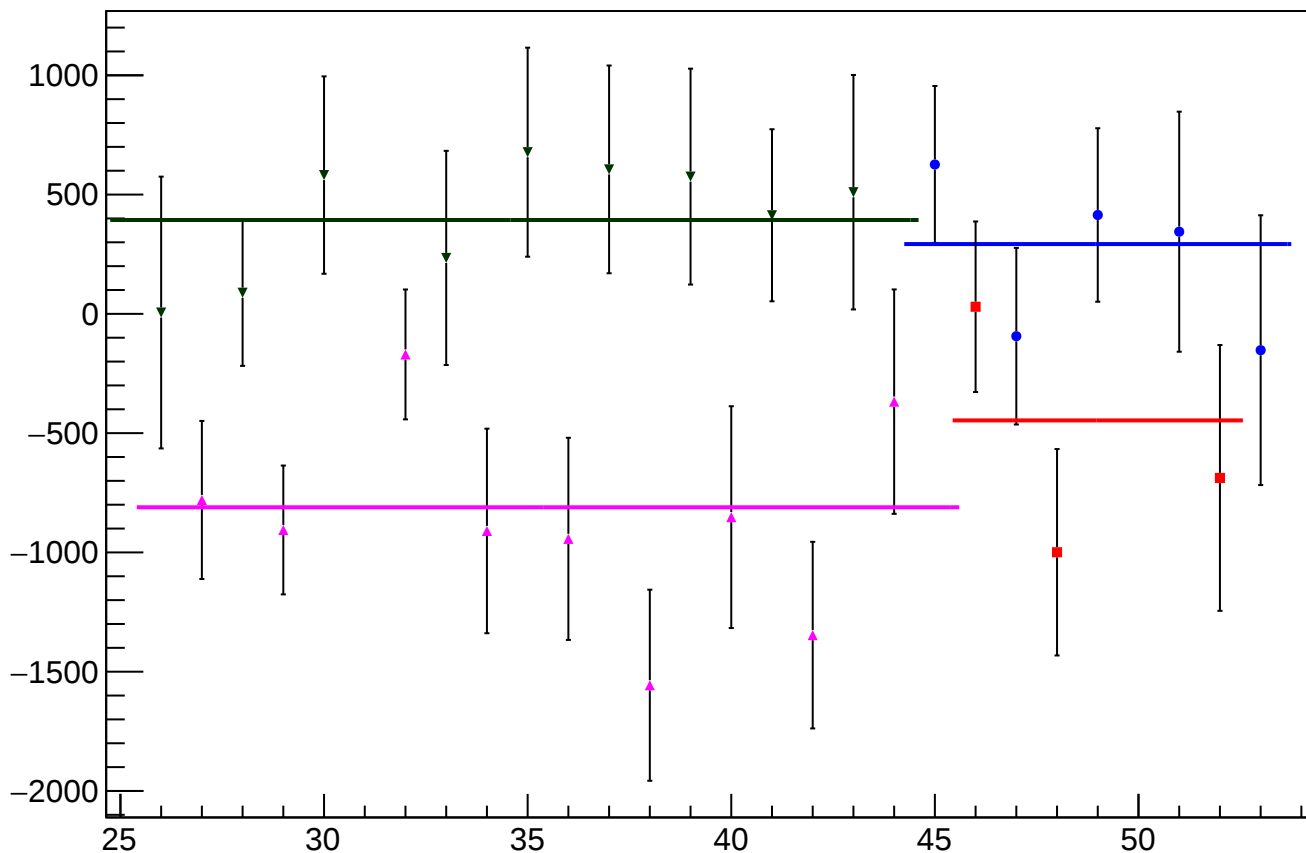
Right Out: 439.444+/-0.256 χ^2/NDF : 13210.4/2

Left In: 486.730+/-0.146 χ^2/NDF : 77533.5/8

461.772+/-0.117 χ^2/NDF : 279414.4/13

475.151+/-0.127 χ^2/NDF : 116531.5/11

asym_ds_avg_mean vs slug



Right In: 292.556 $\pm$ 179.108 χ^2 /NDF: 2.9/4

Left Out: 393.410 $\pm$ 139.060 χ^2 /NDF: 2.7/8

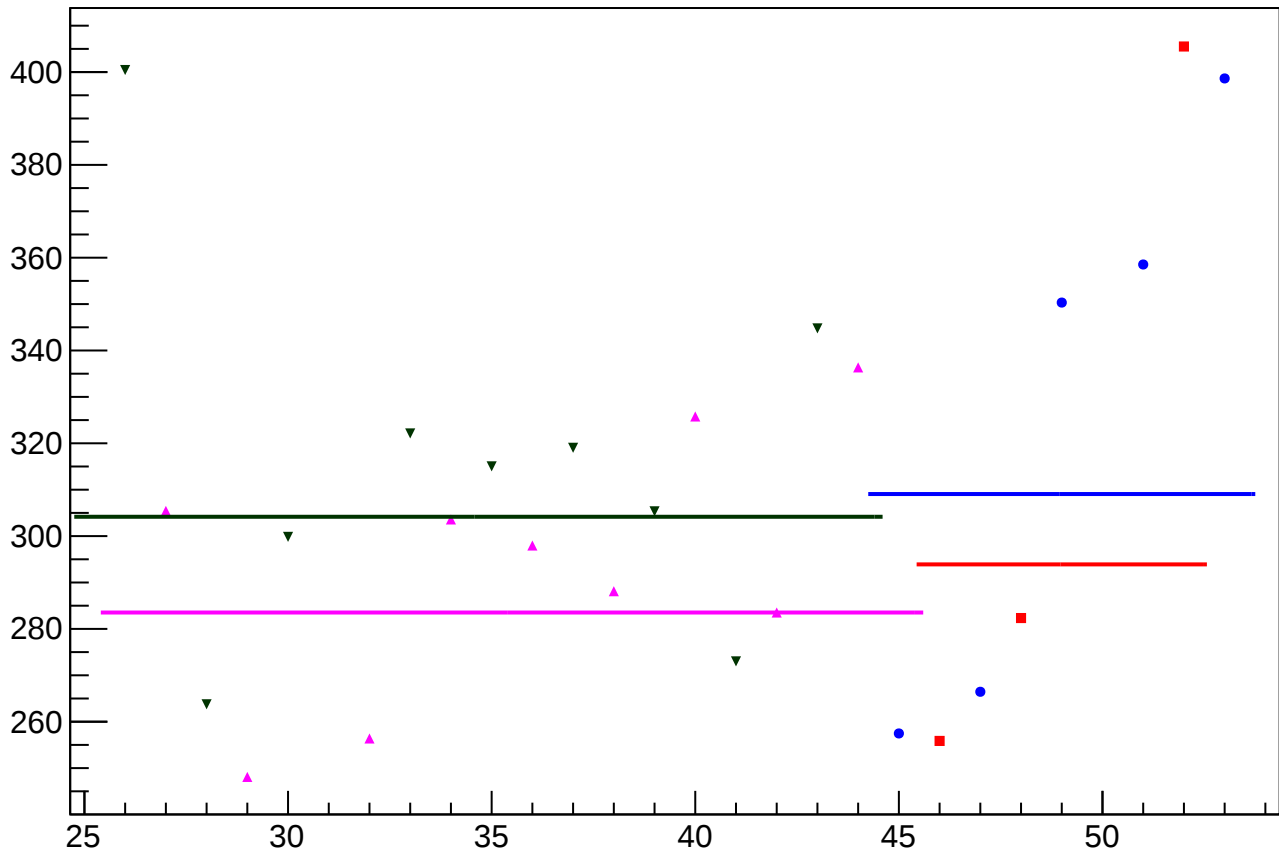
Right Out: -446.624 $\pm$ 247.002 χ^2 /NDF: 3.6/2

Left In: -810.762 $\pm$ 120.173 χ^2 /NDF: 12.1/8

355.480 $\pm$ 109.841 χ^2 /NDF: 5.7/13

-741.065 $\pm$ 108.062 χ^2 /NDF: 17.4/11

asym_ds_avg_rms vs slug



Right In: 309.065 ± 0.127 χ^2/NDF : 170944.6/4

Left Out: 304.167 ± 0.098 χ^2/NDF : 127437.9/8

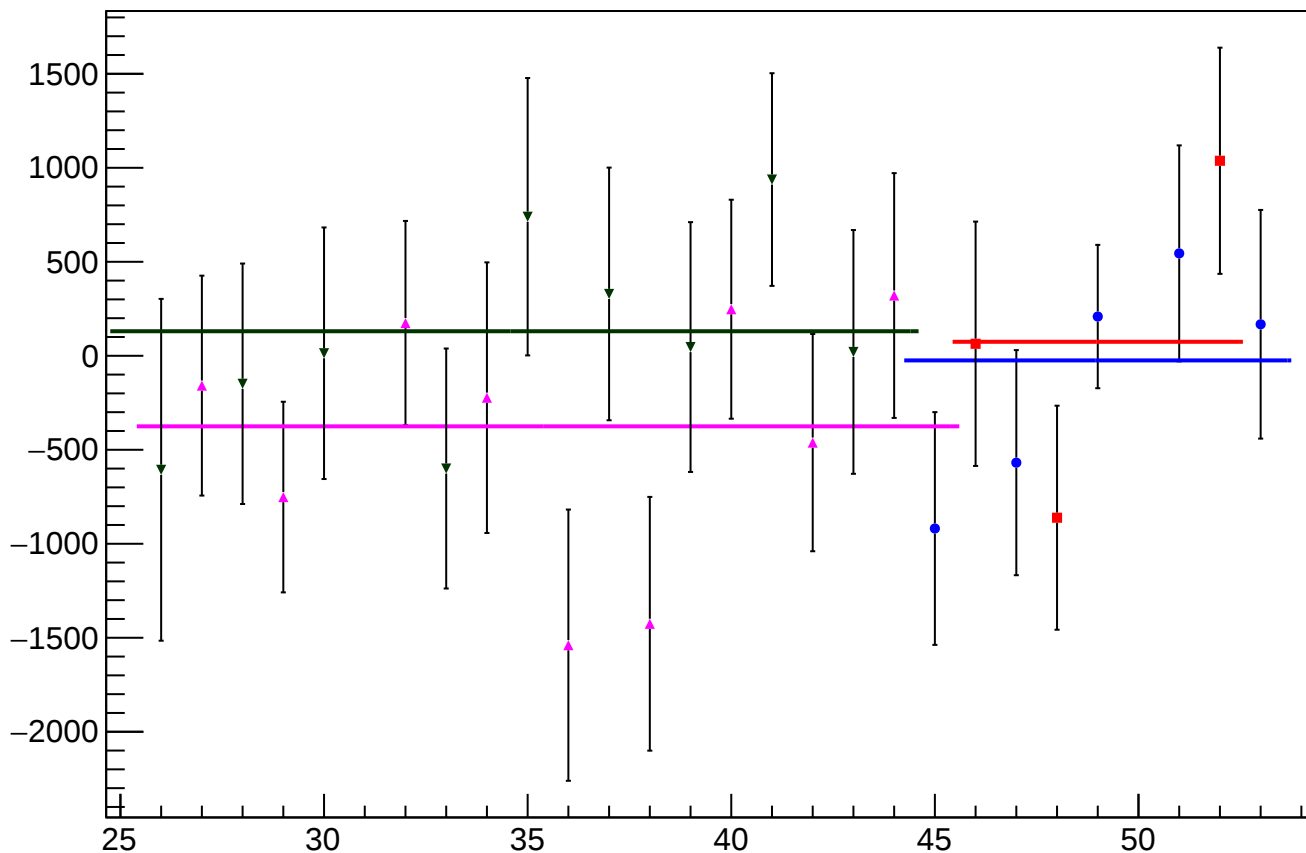
Right Out: 293.903 ± 0.175 χ^2/NDF : 104349.2/2

Left In: 283.531 ± 0.085 χ^2/NDF : 111768.2/8

306.009 ± 0.078 χ^2/NDF : 299315.8/13

285.516 ± 0.076 χ^2/NDF : 218968.7/11

asym_ds_dd_mean vs slug



Right In: -24.619 ± 235.635 χ^2/NDF : 4.4/4

Left Out: 130.578 ± 222.704 χ^2/NDF : 5.0/8

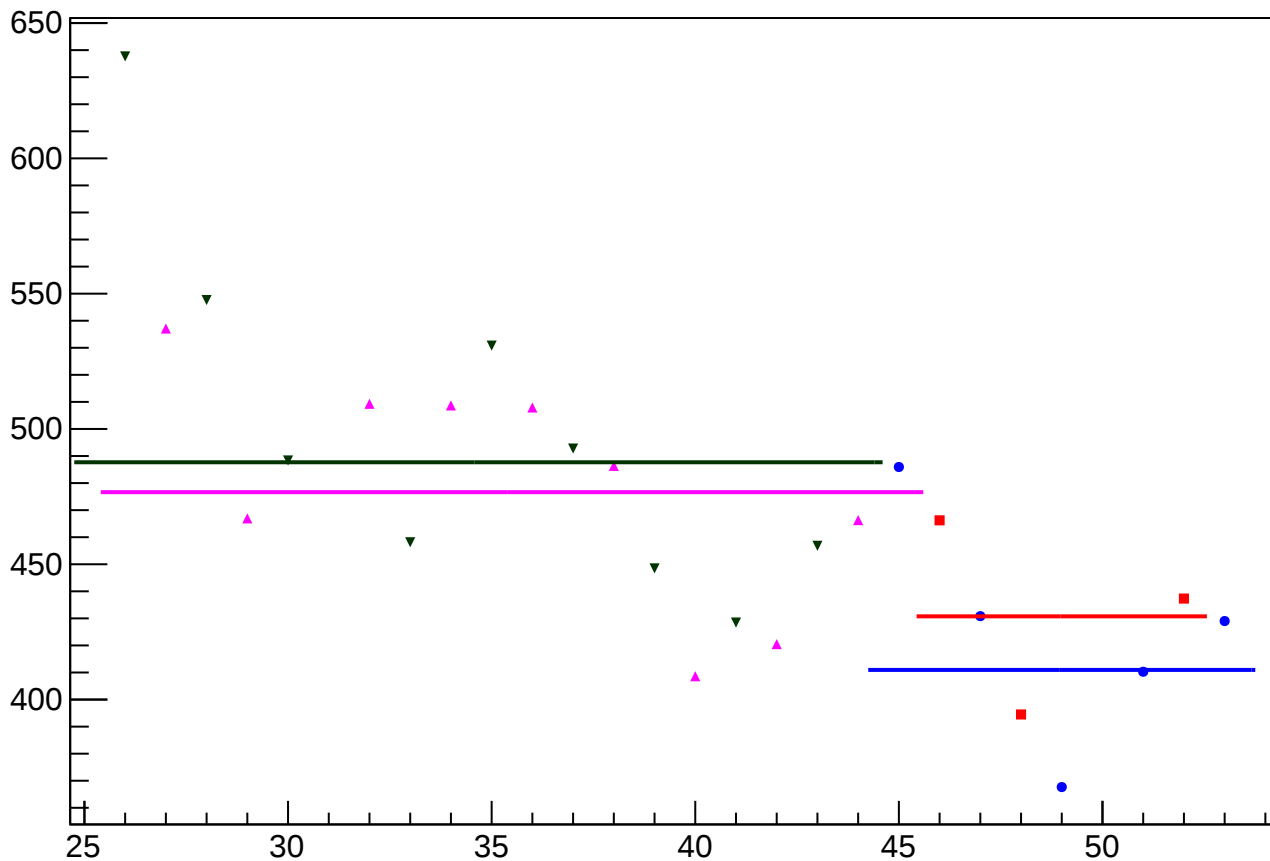
Right Out: 74.492 ± 354.736 χ^2/NDF : 5.0/2

Left In: -375.302 ± 201.841 χ^2/NDF : 9.1/8

57.355 ± 161.854 χ^2/NDF : 9.6/13

-265.296 ± 175.431 χ^2/NDF : 15.3/11

asym_ds_dd_rms vs slug



Right In: 410.956 ± 0.167 χ^2/NDF : 59098.1/4

Left Out: 487.691 ± 0.157 χ^2/NDF : 116664.7/8

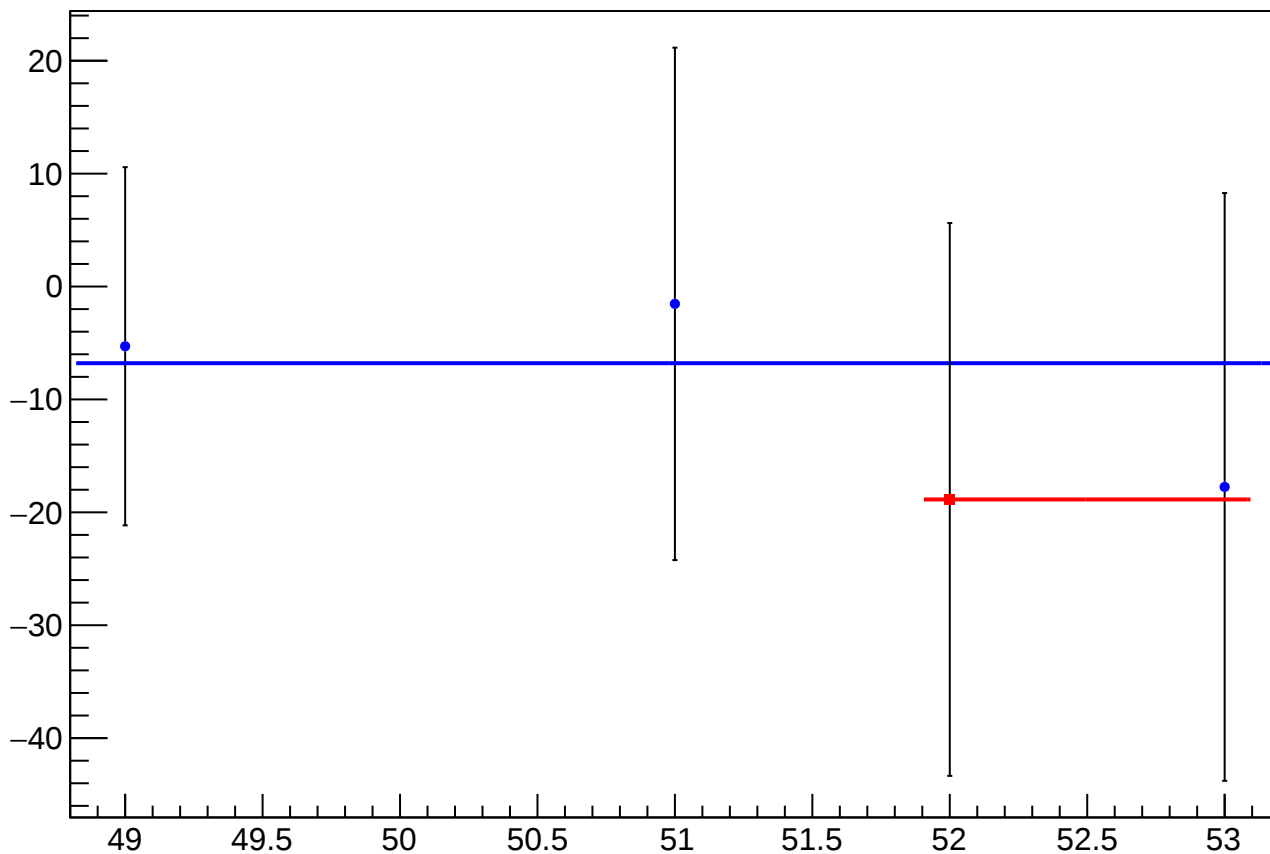
Right Out: 430.755 ± 0.251 χ^2/NDF : 13604.1/2

Left In: 476.643 ± 0.143 χ^2/NDF : 84135.2/8

451.487 ± 0.114 χ^2/NDF : 287792.4/13

465.420 ± 0.124 χ^2/NDF : 123021.4/11

bcm_an_us_ds_dd_mean vs slug



Right In: -6.791 +/- 11.631 χ^2/NDF : 0.2/2

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

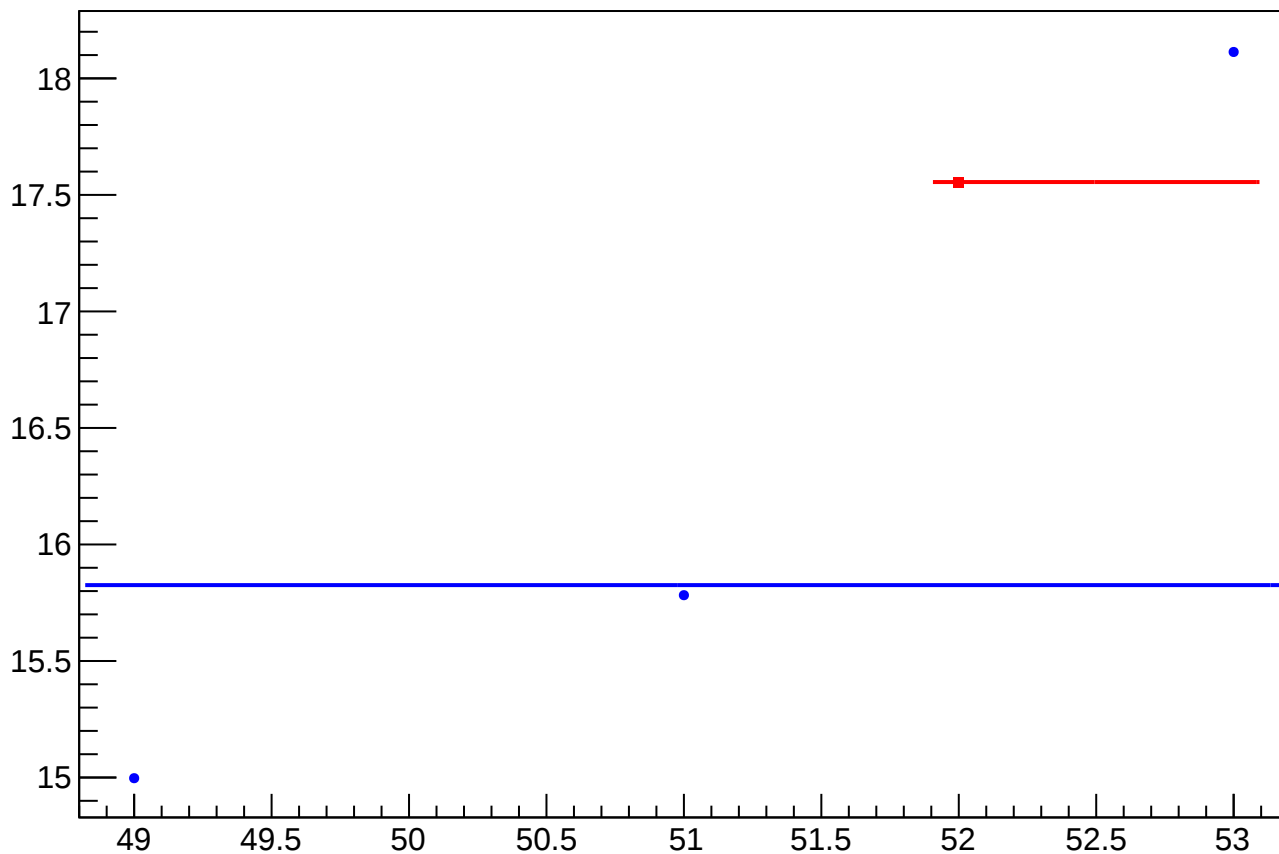
Right Out: -18.860 +/- 24.485 χ^2/NDF : 0.0/0

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

-6.791 +/- 11.631 χ^2/NDF : 0.2/2

-18.860 +/- 24.485 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs slug



Right In: 15.826+/-0.008 χ^2/NDF : 20910.3/2

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

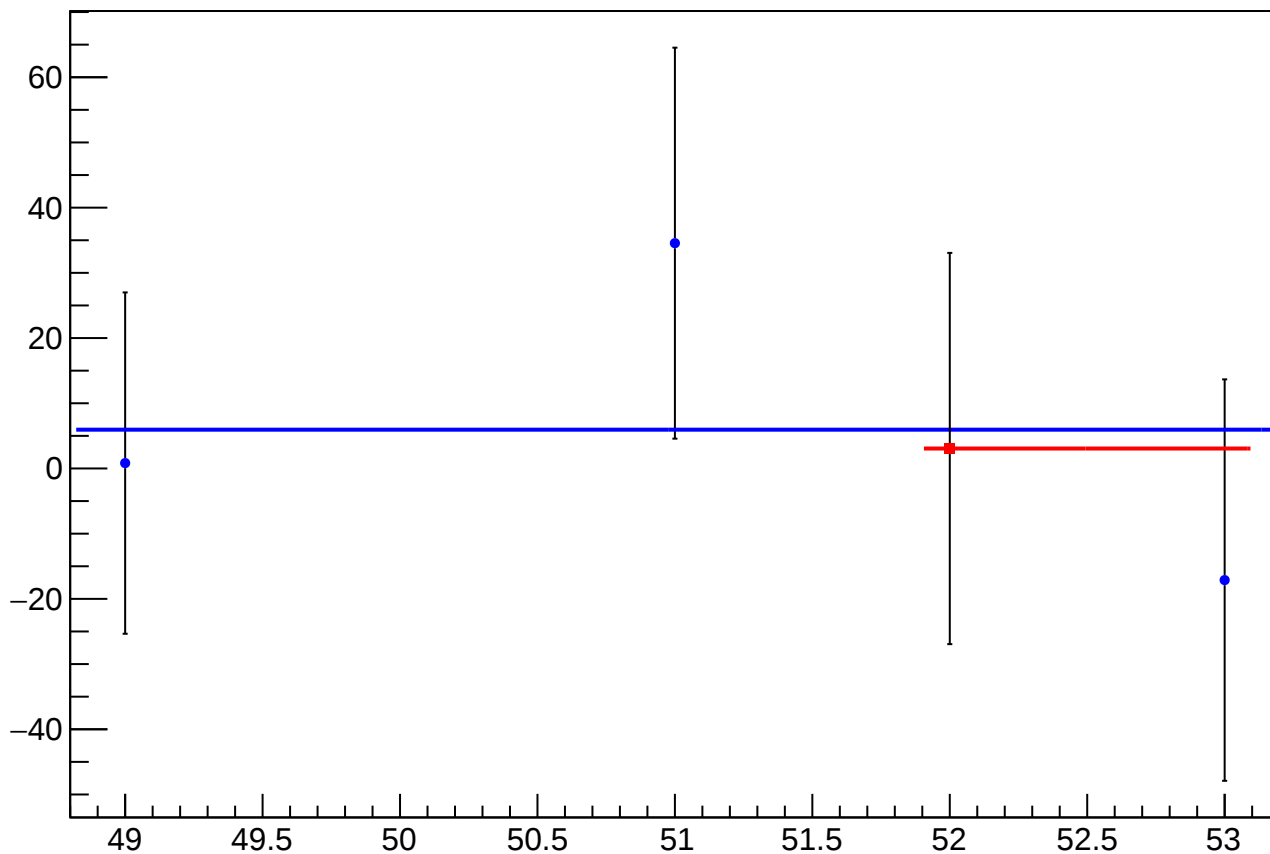
Right Out: 17.555+/-0.017 χ^2/NDF : 0.0/0

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

15.826+/-0.008 χ^2/NDF : 20910.3/2

17.555+/-0.017 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs slug



Right In: 5.948+/-16.604 χ^2 /NDF: 1.5/2

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

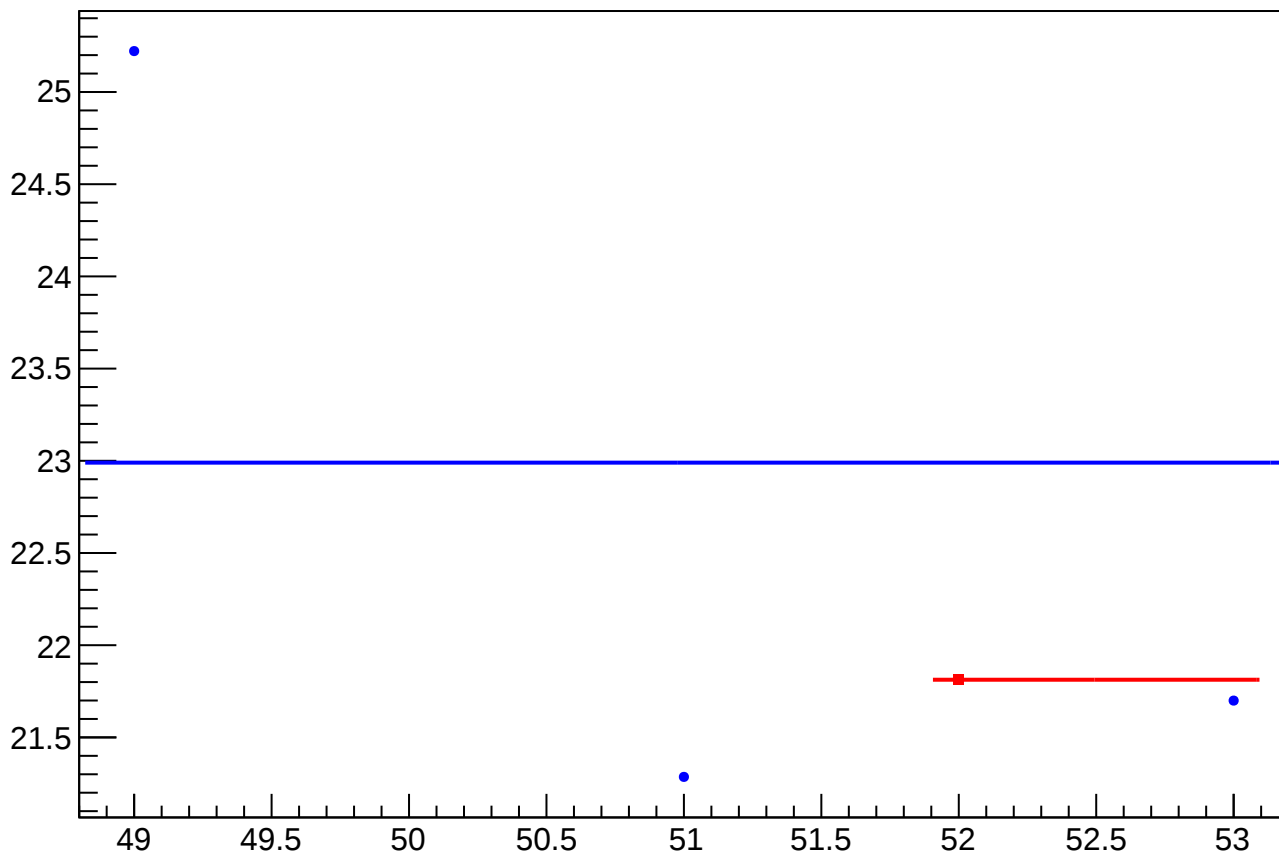
Right Out: 3.058+/-30.001 χ^2 /NDF: 0.0/0

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

5.948+/-16.604 χ^2 /NDF: 1.5/2

3.058+/-30.001 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_rms vs slug



Right In: 22.990 $\pm$ 0.012 χ^2 /NDF: 24516.7/2

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

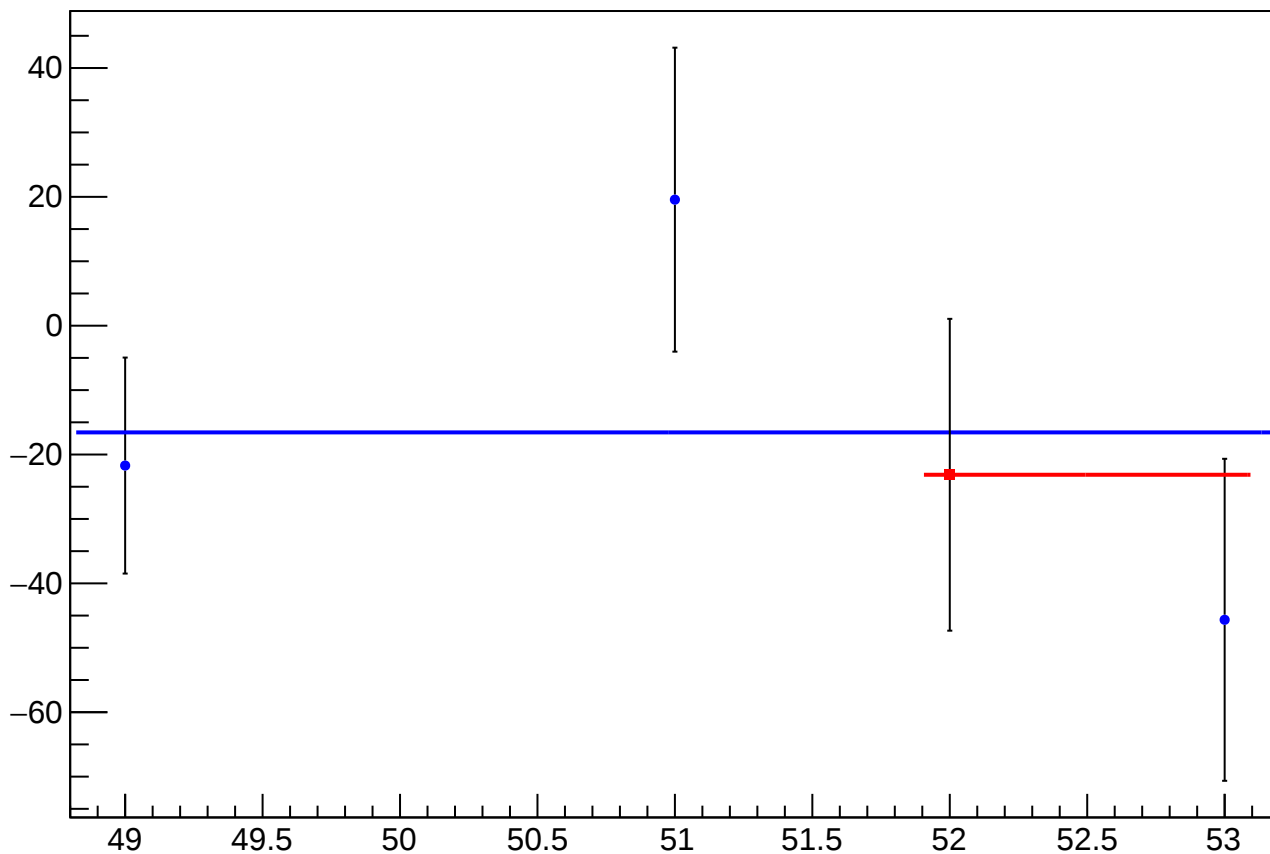
Right Out: 21.813 $\pm$ 0.021 χ^2 /NDF: 0.0/0

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

22.990 $\pm$ 0.012 χ^2 /NDF: 24516.7/2

21.813 $\pm$ 0.021 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -16.564 $\pm$ 11.990 χ^2/NDF : 3.8/2

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

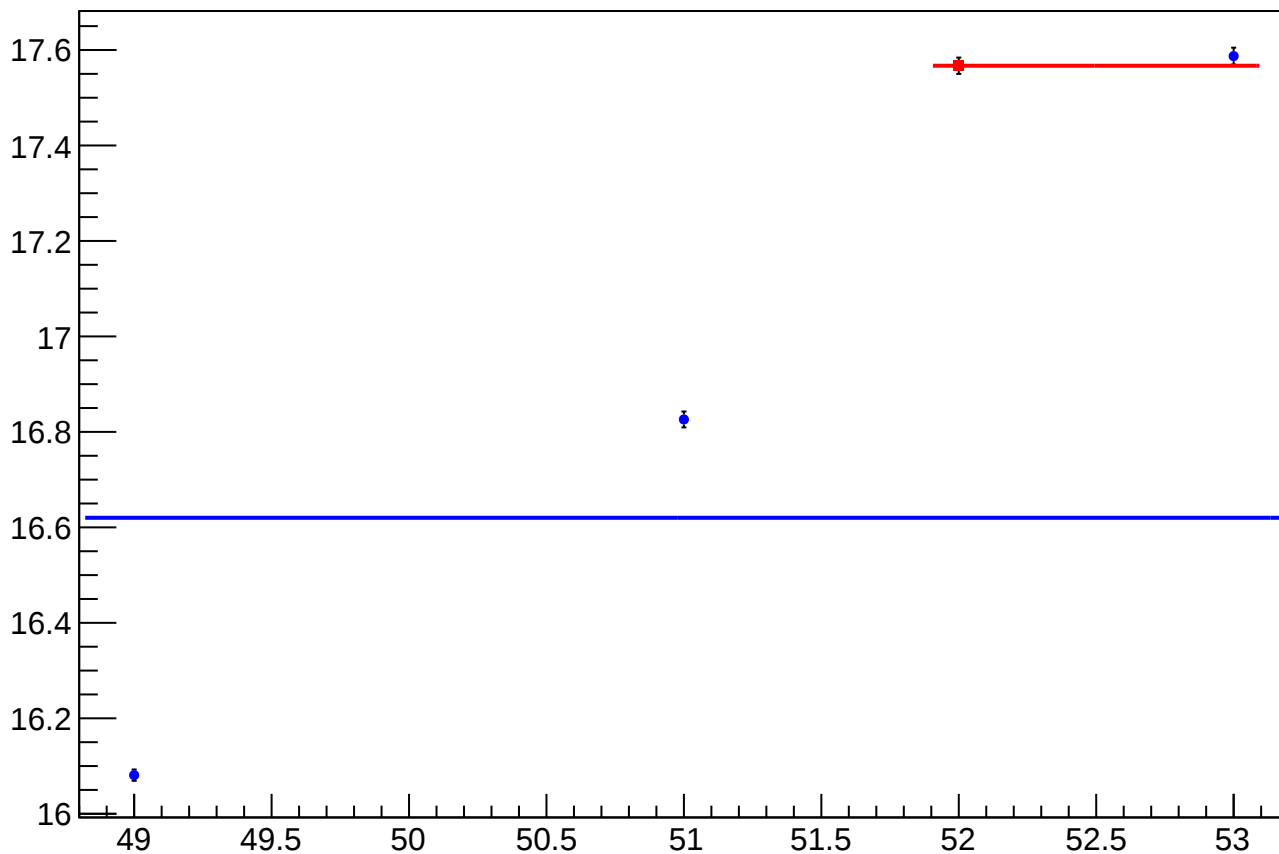
Right Out: -23.141 $\pm$ 24.203 χ^2/NDF : 0.0/0

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

-16.564 $\pm$ 11.990 χ^2/NDF : 3.8/2

-23.141 $\pm$ 24.203 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.620 $\pm$ 0.008 χ^2 /NDF: 5215.8/2

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

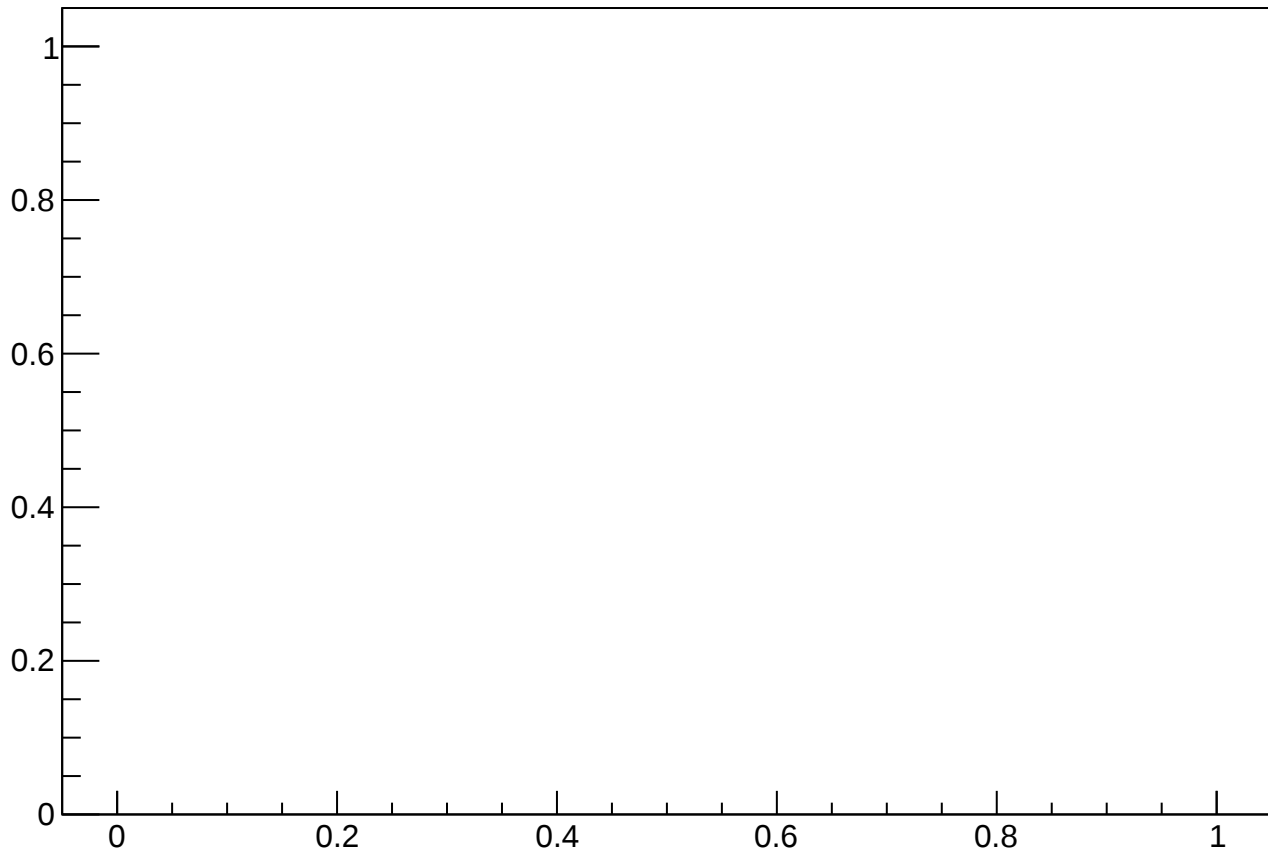
Right Out: 17.567 $\pm$ 0.017 χ^2 /NDF: 0.0/0

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

16.620 $\pm$ 0.008 χ^2 /NDF: 5215.8/2

17.567 $\pm$ 0.017 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

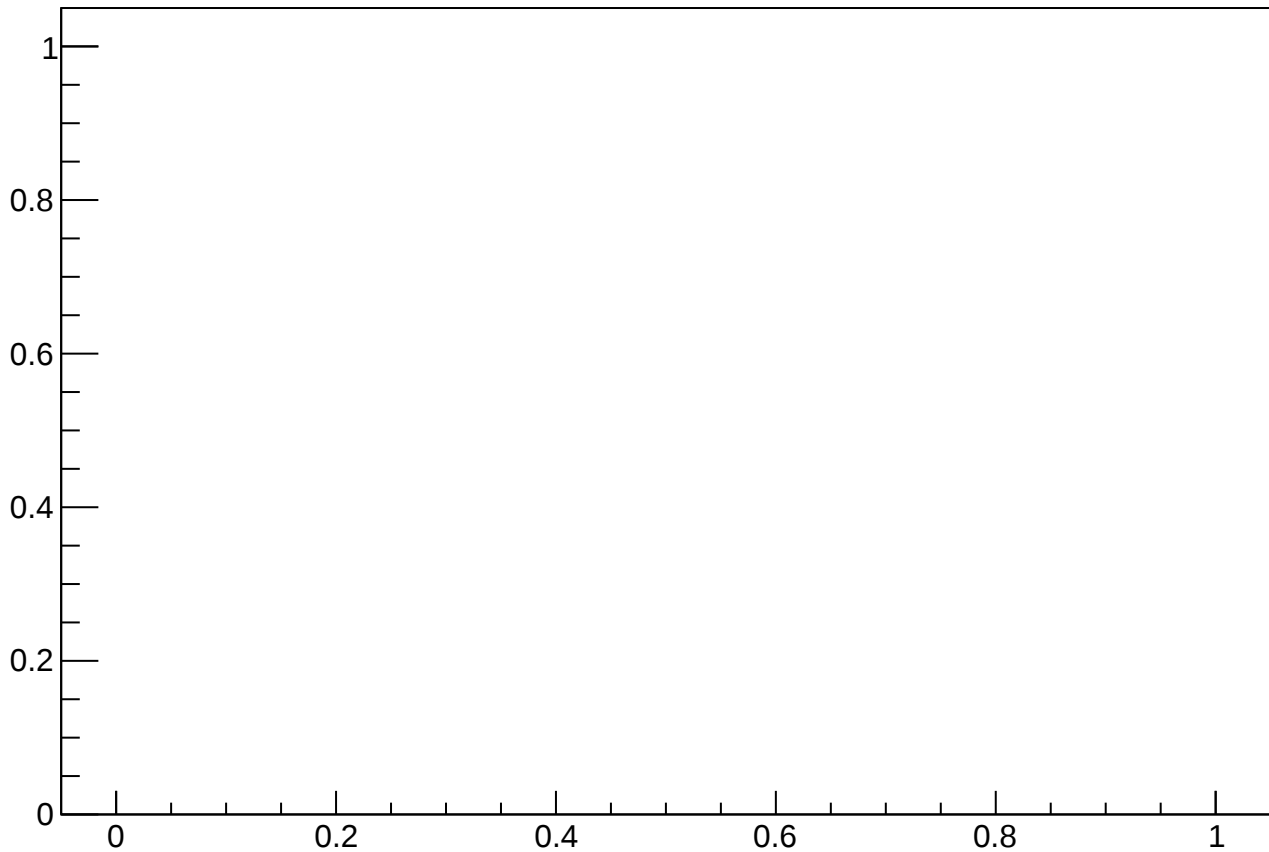
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

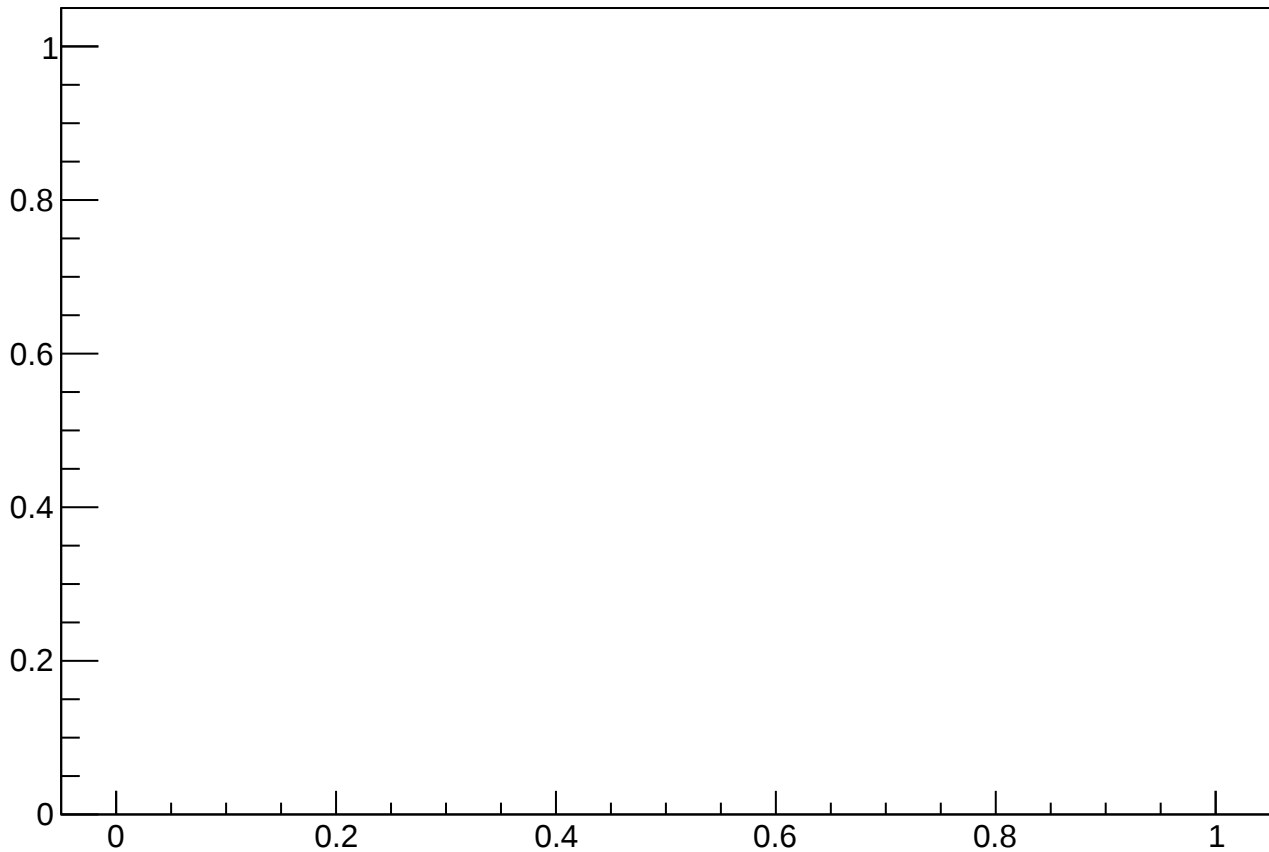
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

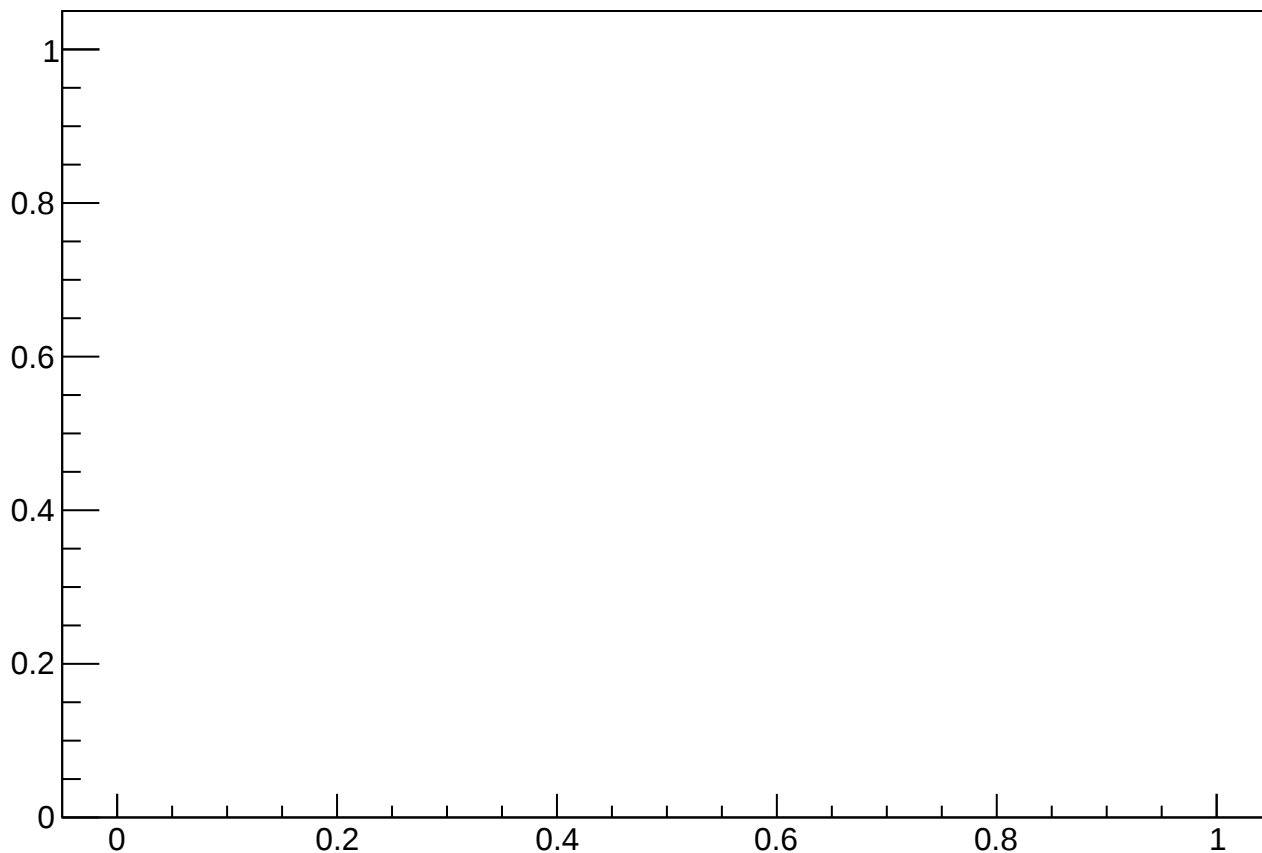
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

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

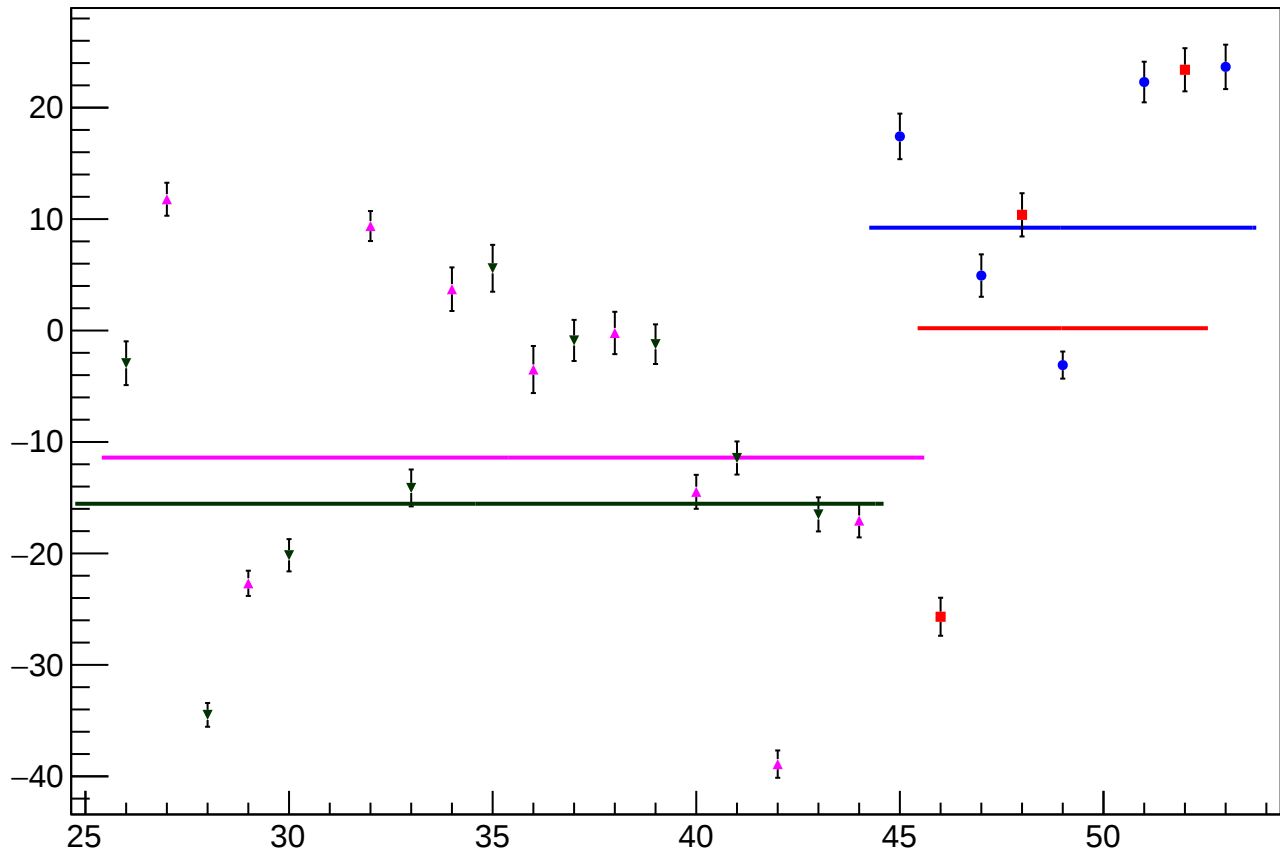
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 9.228 ± 0.757 χ^2/NDF : 227.9/4

Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

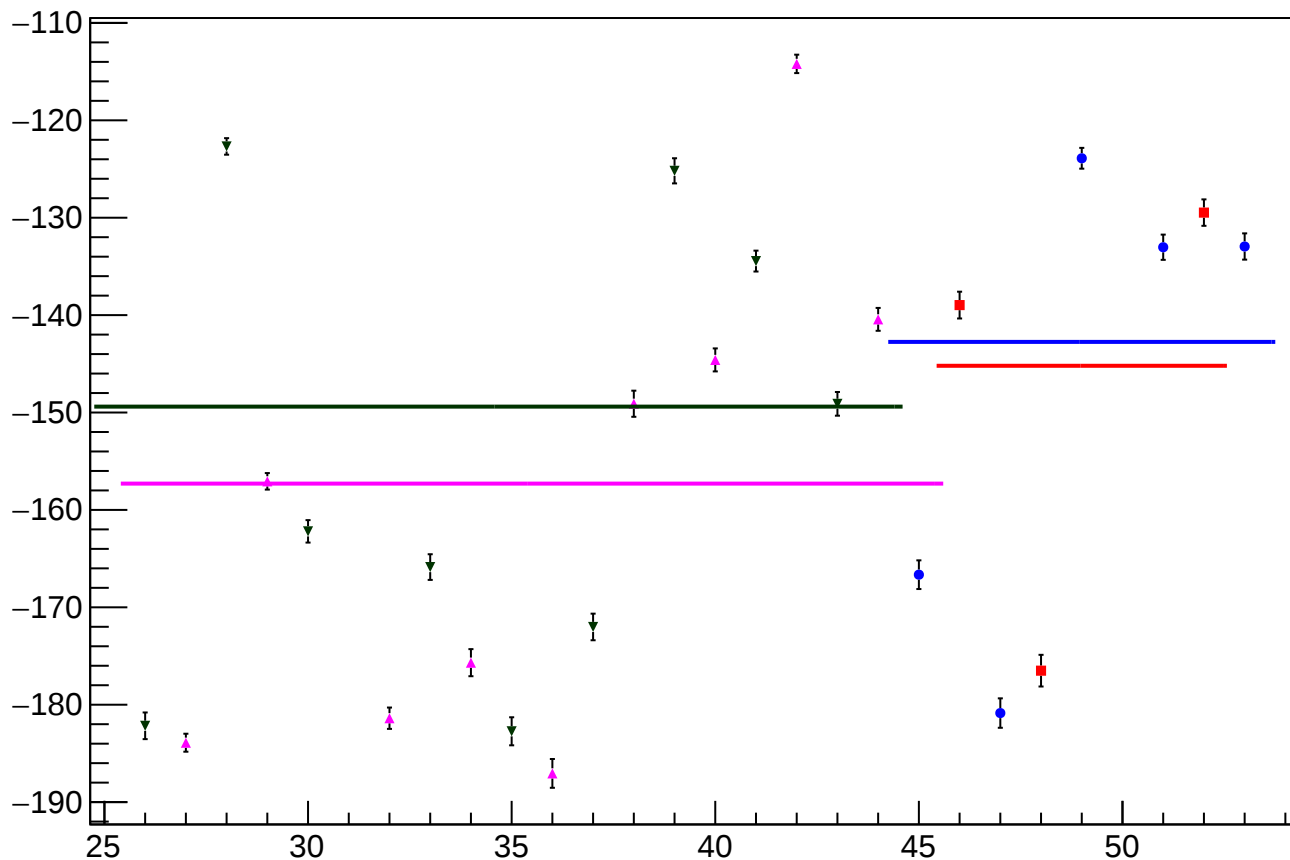
Right Out: 0.209 ± 1.068 χ^2/NDF : 401.3/2

Left In: -11.401 ± 0.495 χ^2/NDF : 1211.6/8

-7.596 ± 0.429 χ^2/NDF : 1559.2/13

-9.350 ± 0.449 χ^2/NDF : 1710.1/11

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -142.749 $\pm$ 0.585 χ^2/NDF : 1320.2/4

Left Out: -149.395 $\pm$ 0.395 χ^2/NDF : 3200.8/8

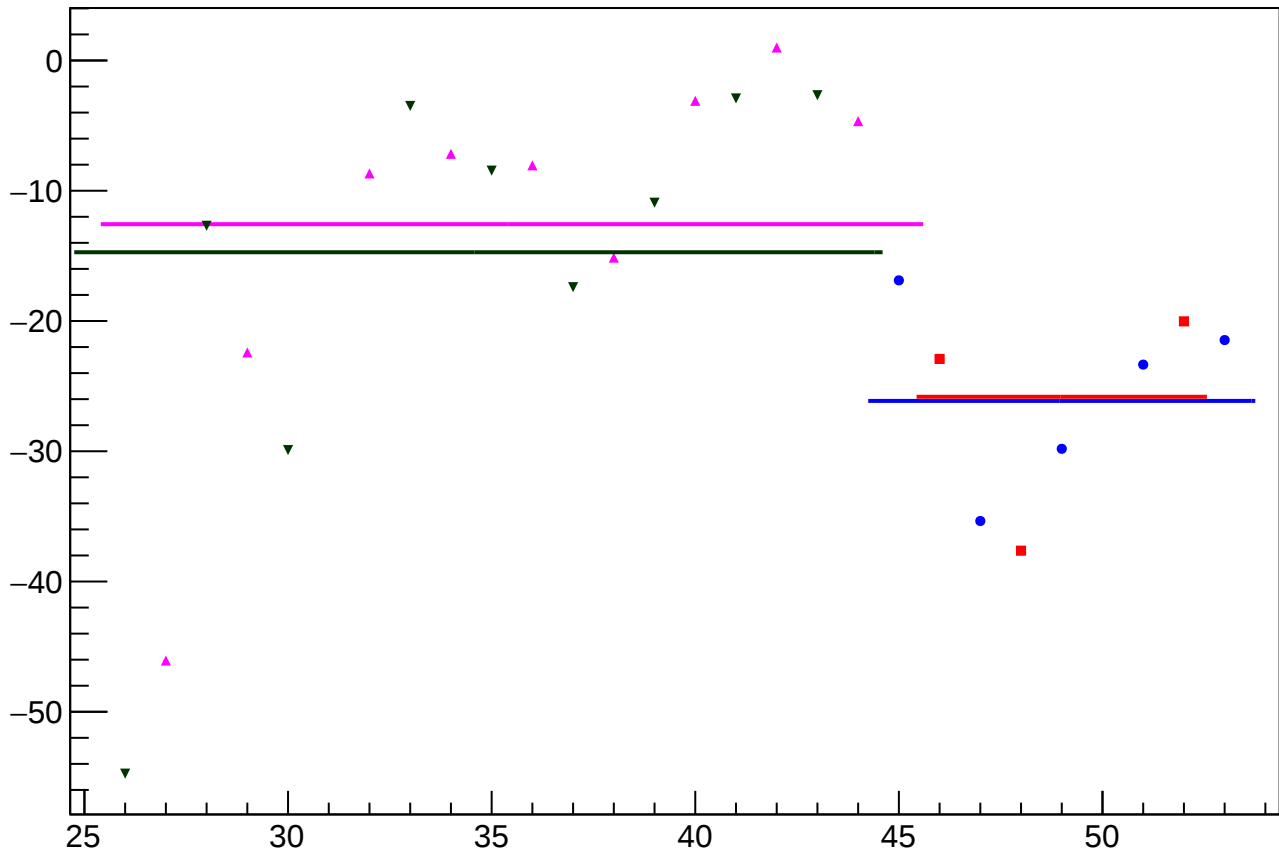
Right Out: -145.202 $\pm$ 0.830 χ^2/NDF : 525.4/2

Left In: -157.299 $\pm$ 0.365 χ^2/NDF : 4330.1/8

-147.315 $\pm$ 0.327 χ^2/NDF : 4609.6/13

-155.336 $\pm$ 0.334 χ^2/NDF : 5033.3/11

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.134 $\pm$ 0.137 χ^2 /NDF: 2124.4/4

Left Out: -14.722 $\pm$ 0.088 χ^2 /NDF: 26364.3/8

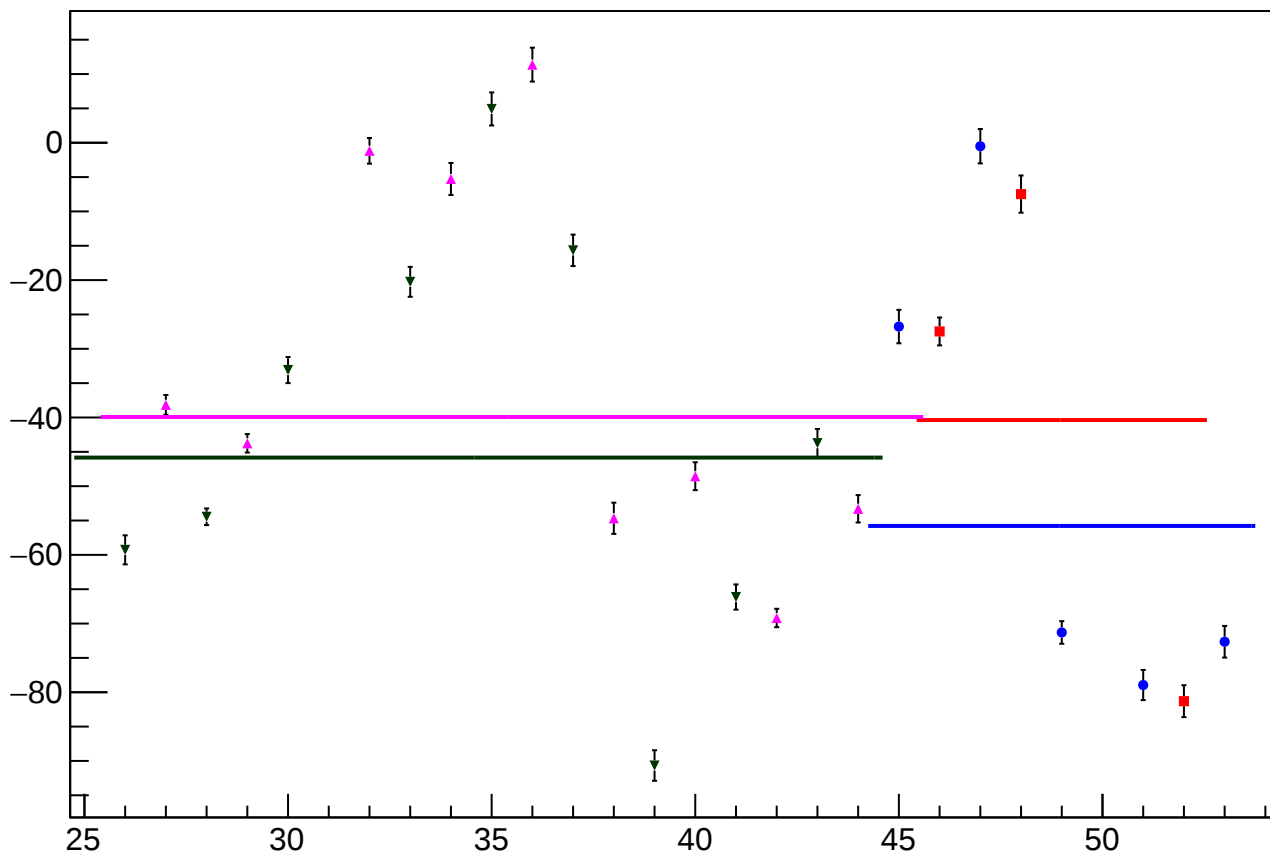
Right Out: -25.817 $\pm$ 0.177 χ^2 /NDF: 1553.0/2

Left In: -12.566 $\pm$ 0.085 χ^2 /NDF: 25284.4/8

-18.073 $\pm$ 0.074 χ^2 /NDF: 33419.2/13

-15.065 $\pm$ 0.077 χ^2 /NDF: 31399.2/11

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -55.787+/-0.956 χ^2/NDF : 883.7/4

Left Out: -45.838+/-0.634 χ^2/NDF :1422.1/8

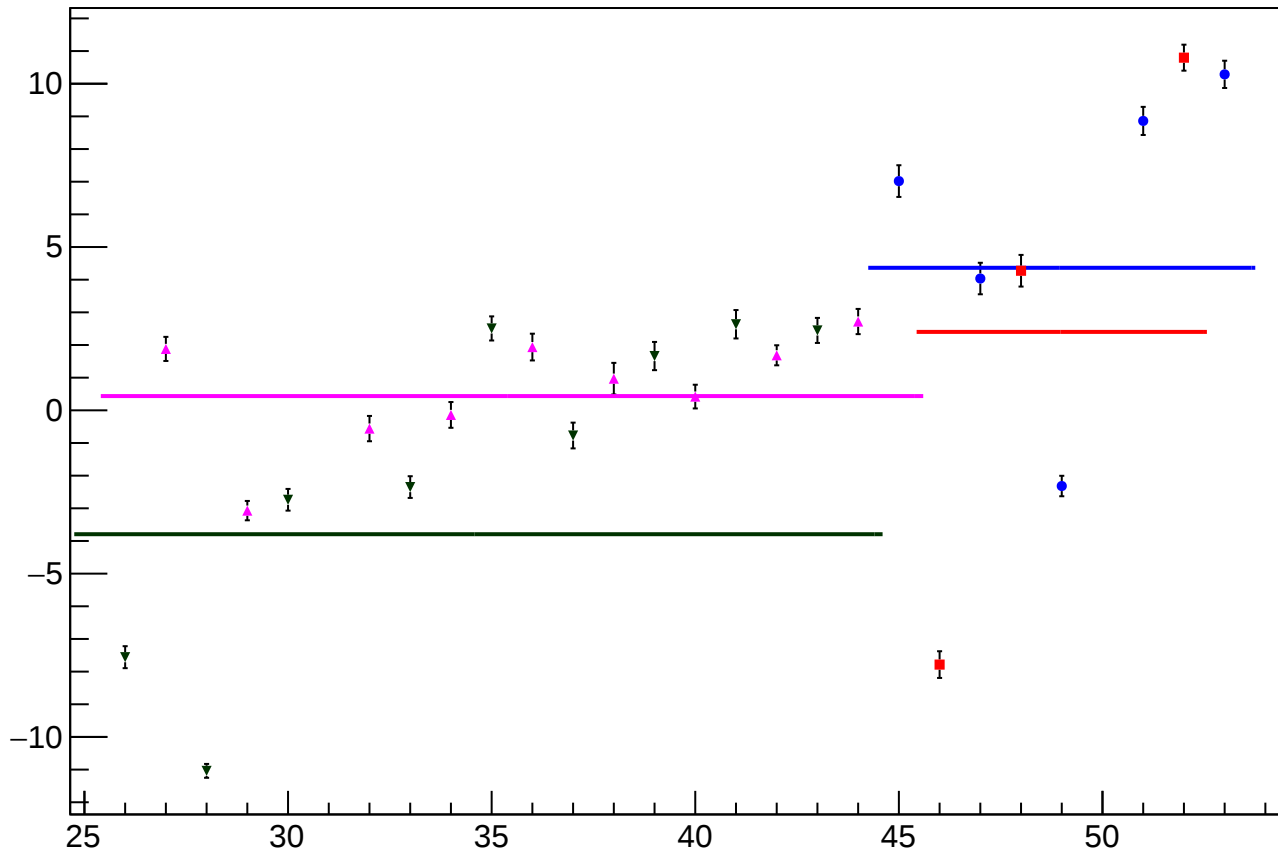
Right Out: -40.371+/-1.331 χ^2/NDF : 499.3/2

Left In: -39.932+/-0.586 χ^2/NDF :1674.4/8

-48.877+/-0.528 χ^2/NDF : 2381.0/13

-40.003+/-0.536 χ^2/NDF : 2173.8/11

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 4.364 ± 0.183 χ^2/NDF : 795.9/4

Left Out: -3.793 ± 0.112 χ^2/NDF : 2310.3/8

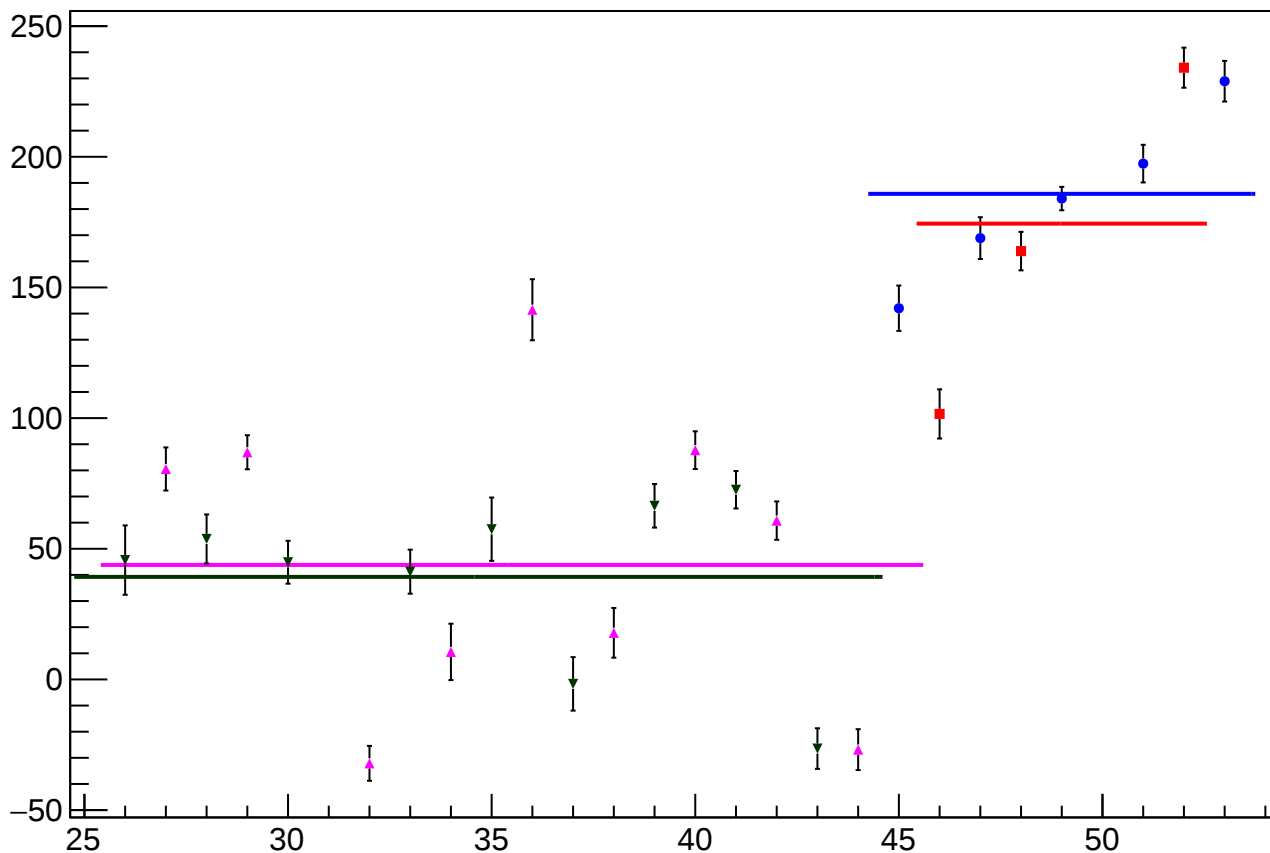
Right Out: 2.401 ± 0.246 χ^2/NDF : 1081.1/2

Left In: 0.437 ± 0.122 χ^2/NDF : 230.2/8

-1.582 ± 0.095 χ^2/NDF : 4555.1/13

0.826 ± 0.109 χ^2/NDF : 1362.5/11

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 185.828 ± 2.953 χ^2/NDF : 63.4/4

Left Out: 39.246 ± 2.976 χ^2/NDF : 125.4/8

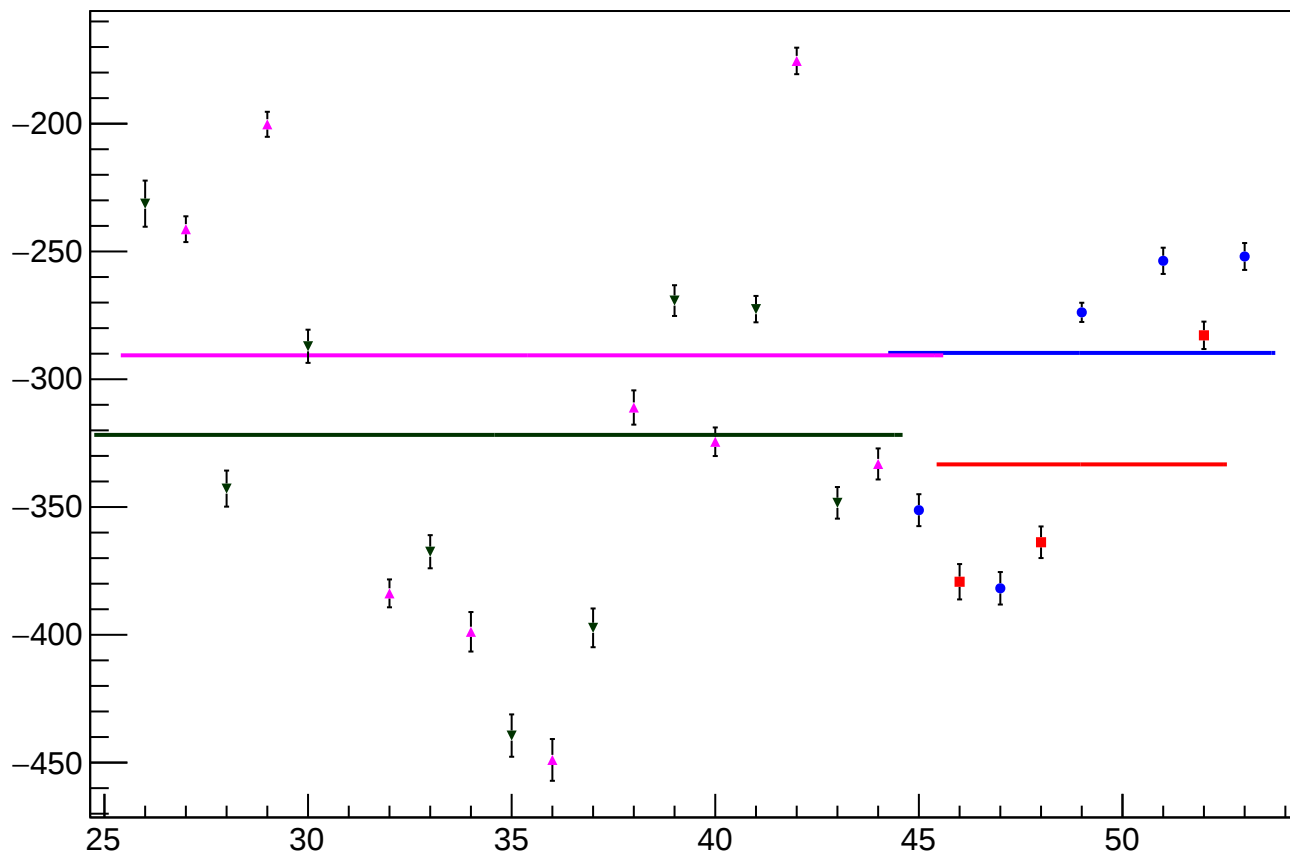
Right Out: 174.426 ± 4.626 χ^2/NDF : 122.5/2

Left In: 43.812 ± 2.656 χ^2/NDF : 403.9/8

113.097 ± 2.096 χ^2/NDF : 1411.1/13

76.189 ± 2.303 χ^2/NDF : 1126.1/11

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -289.694 ± 2.263 $\chi^2/\text{NDF}: 425.4/4$

Left Out: -321.773 ± 2.219 $\chi^2/\text{NDF}: 673.9/8$

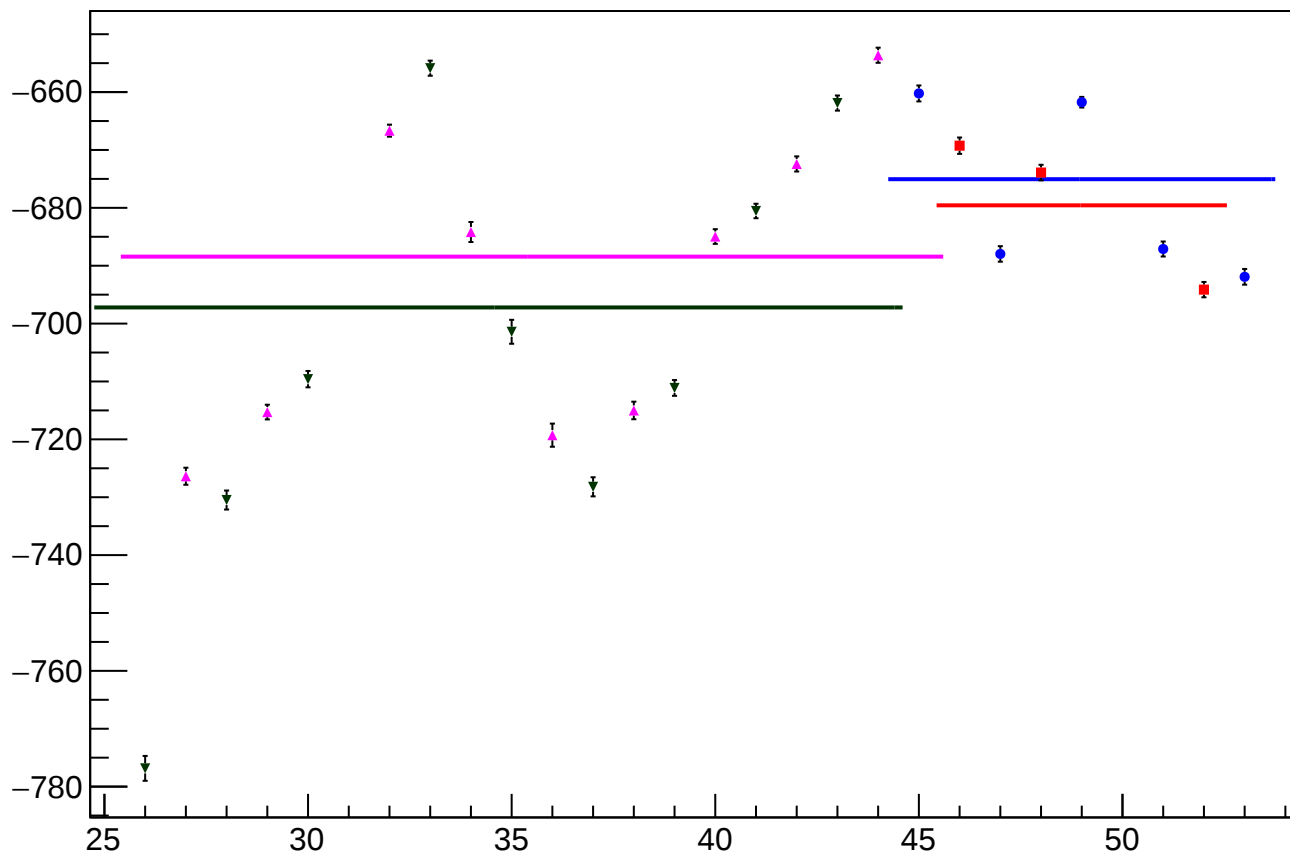
Right Out: -333.314 ± 3.496 $\chi^2/\text{NDF}: 157.0/2$

Left In: -290.641 ± 1.943 $\chi^2/\text{NDF}: 1886.9/8$

-306.046 ± 1.584 $\chi^2/\text{NDF}: 1201.8/13$

-300.715 ± 1.699 $\chi^2/\text{NDF}: 2157.8/11$

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -675.051+/-0.542 χ^2/NDF : 657.8/4

Left Out: -697.208+/-0.498 χ^2/NDF : 4232.4/8

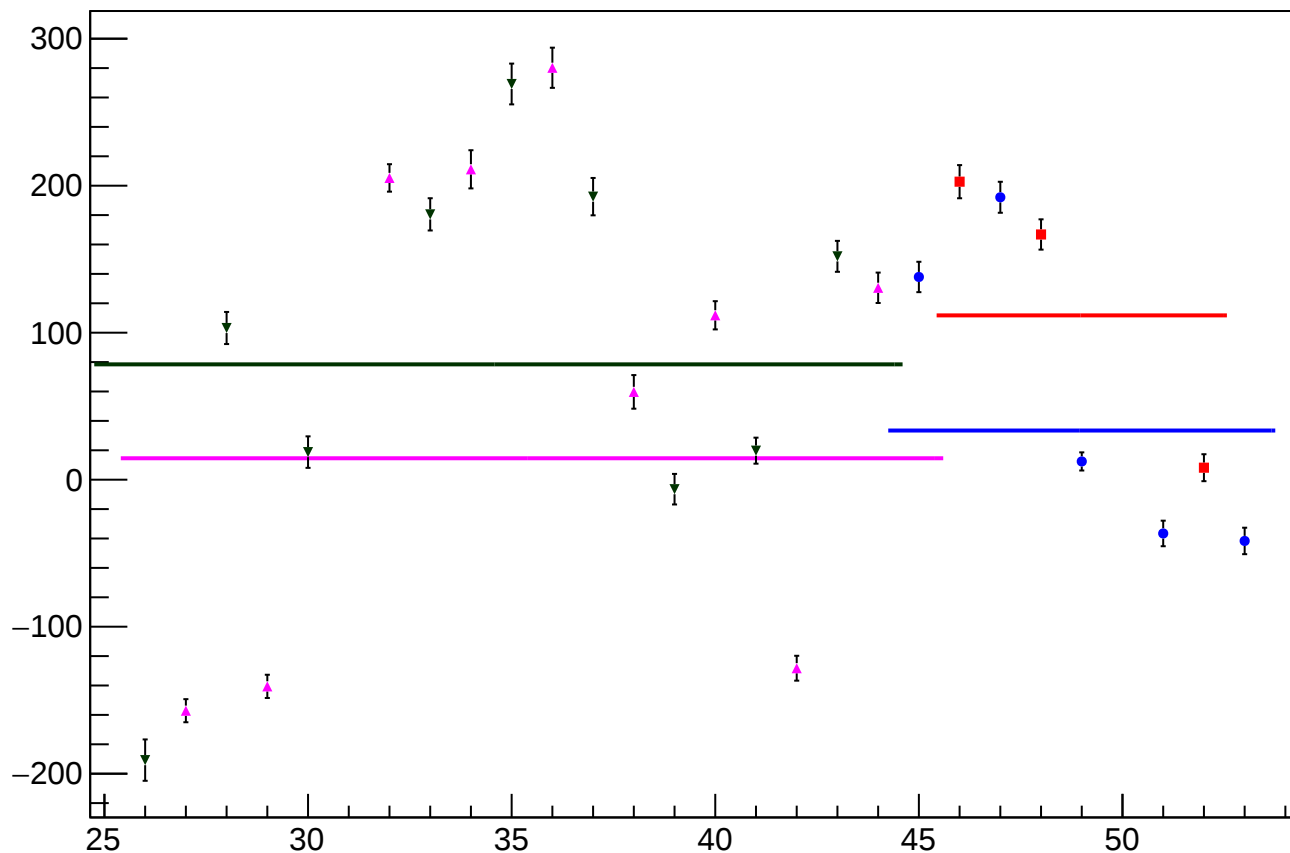
Right Out: -679.565+/-0.785 χ^2/NDF : 191.5/2

Left In: -688.430+/-0.456 χ^2/NDF : 2965.5/8

-687.082+/-0.367 χ^2/NDF : 5796.4/13

-686.197+/-0.394 χ^2/NDF : 3252.3/11

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 33.445 $\pm$ 3.775 χ^2 /NDF: 474.8/4

Left Out: 78.457 $\pm$ 3.704 χ^2 /NDF:917.8/8

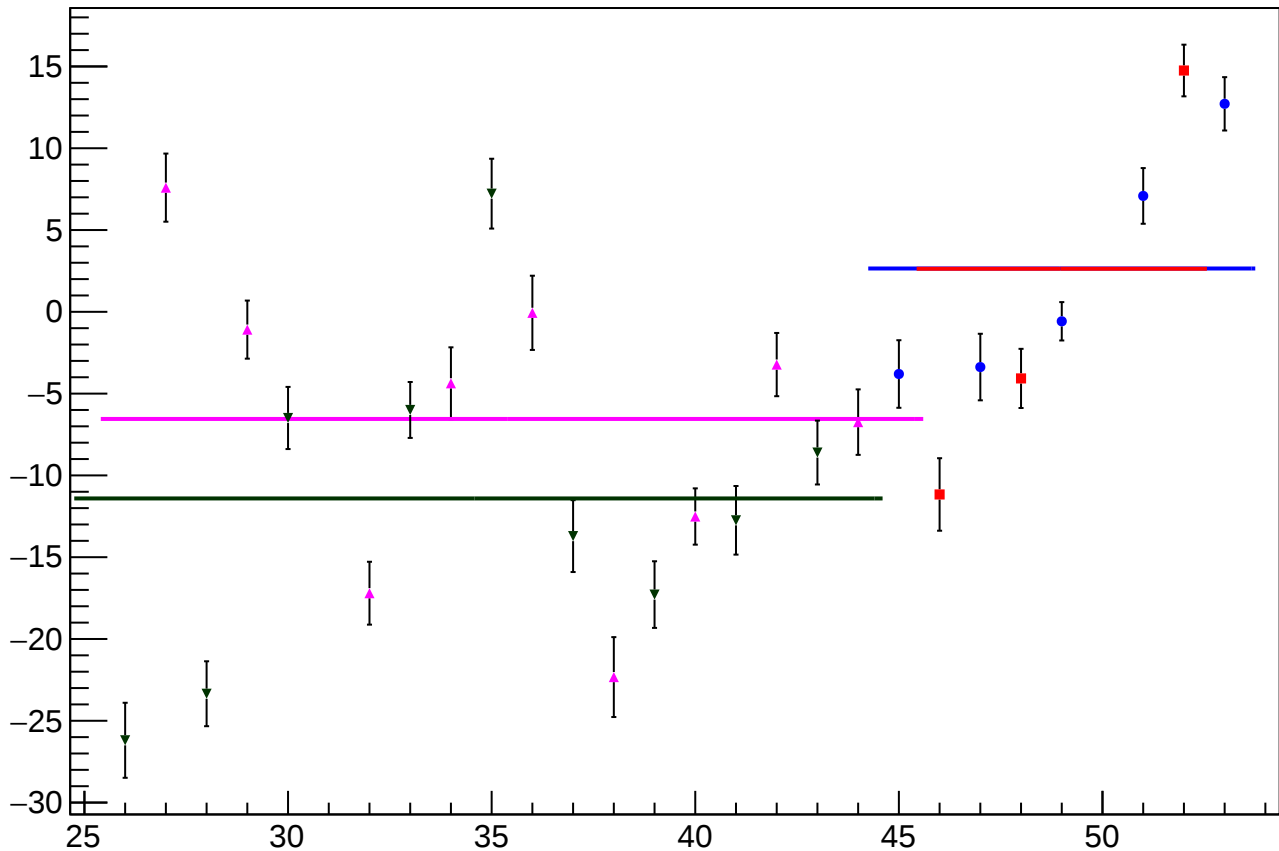
Right Out: 111.775 $\pm$ 5.854 χ^2 /NDF: 221.3/2

Left In: 14.576 $\pm$ 3.215 χ^2 /NDF:2415.6/8

56.376 $\pm$ 2.644 χ^2 /NDF: 1465.1/13

37.095 $\pm$ 2.818 χ^2 /NDF: 2848.7/11

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 2.649 $\pm$ 0.721 χ^2 /NDF: 71.0/4

Left Out: -11.409 $\pm$ 0.671 χ^2 /NDF: 182.6/8

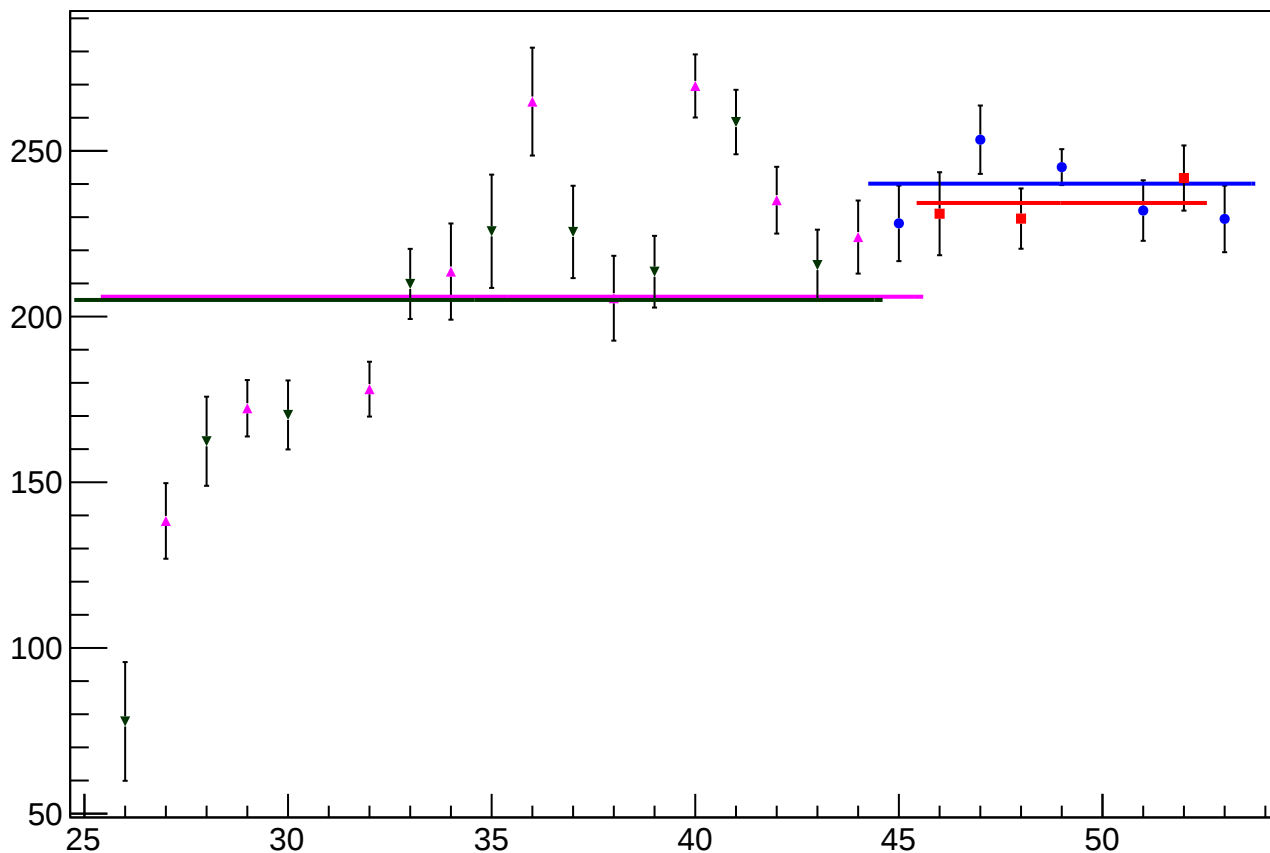
Right Out: 2.632 $\pm$ 1.048 χ^2 /NDF: 111.4/2

Left In: -6.549 $\pm$ 0.668 χ^2 /NDF: 152.2/8

-4.883 $\pm$ 0.491 χ^2 /NDF: 457.3/13

-3.898 $\pm$ 0.563 χ^2 /NDF: 318.1/11

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 240.108 $\pm$ 3.700 χ^2/NDF : 5.5/4

Left Out: 205.016 $\pm$ 3.976 χ^2/NDF : 107.5/8

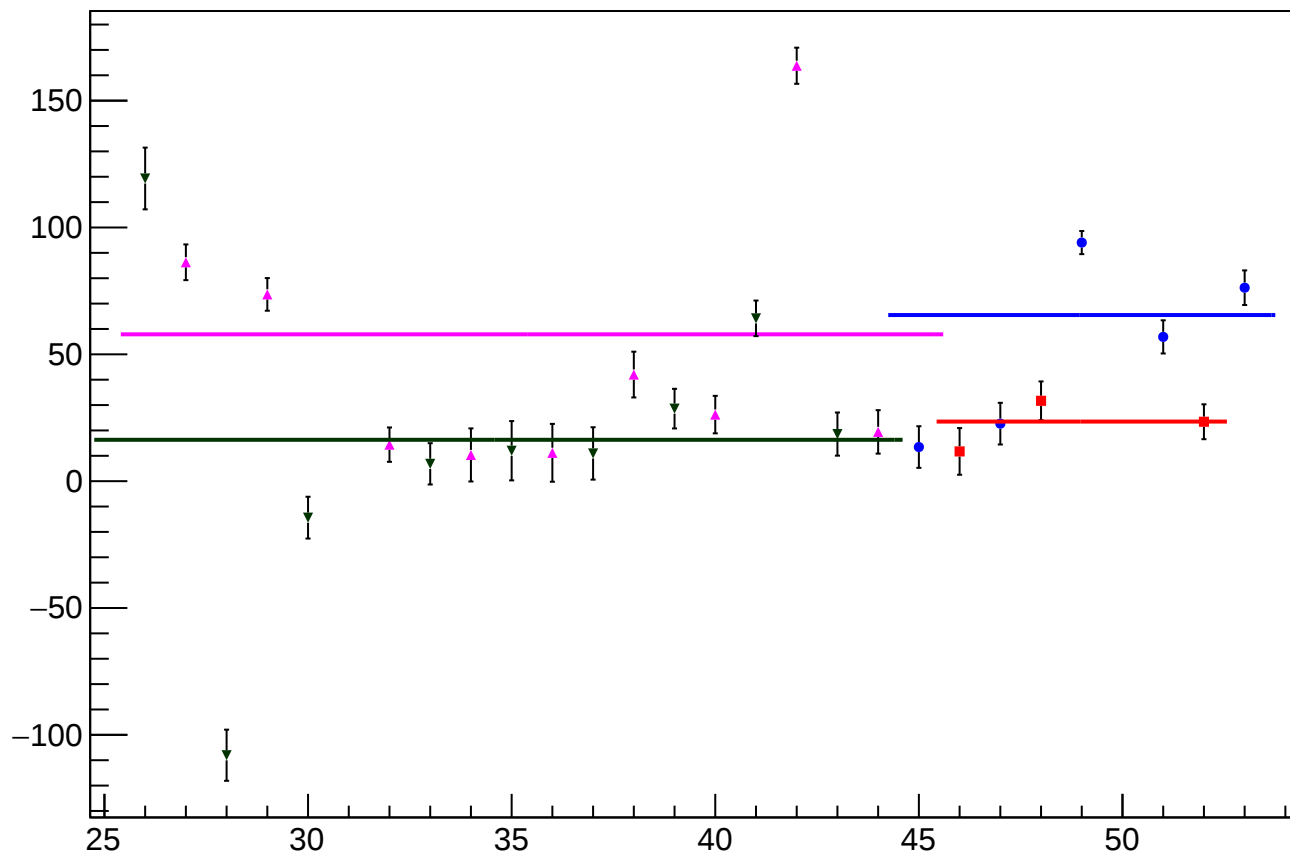
Right Out: 234.282 $\pm$ 5.893 χ^2/NDF : 0.9/2

Left In: 205.989 $\pm$ 3.539 χ^2/NDF : 131.2/8

223.820 $\pm$ 2.709 χ^2/NDF : 154.8/13

213.488 $\pm$ 3.034 χ^2/NDF : 149.0/11

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 65.489+/-2.853 χ^2/NDF : 111.0/4

Left Out: 16.311+/-2.966 χ^2/NDF : 288.5/8

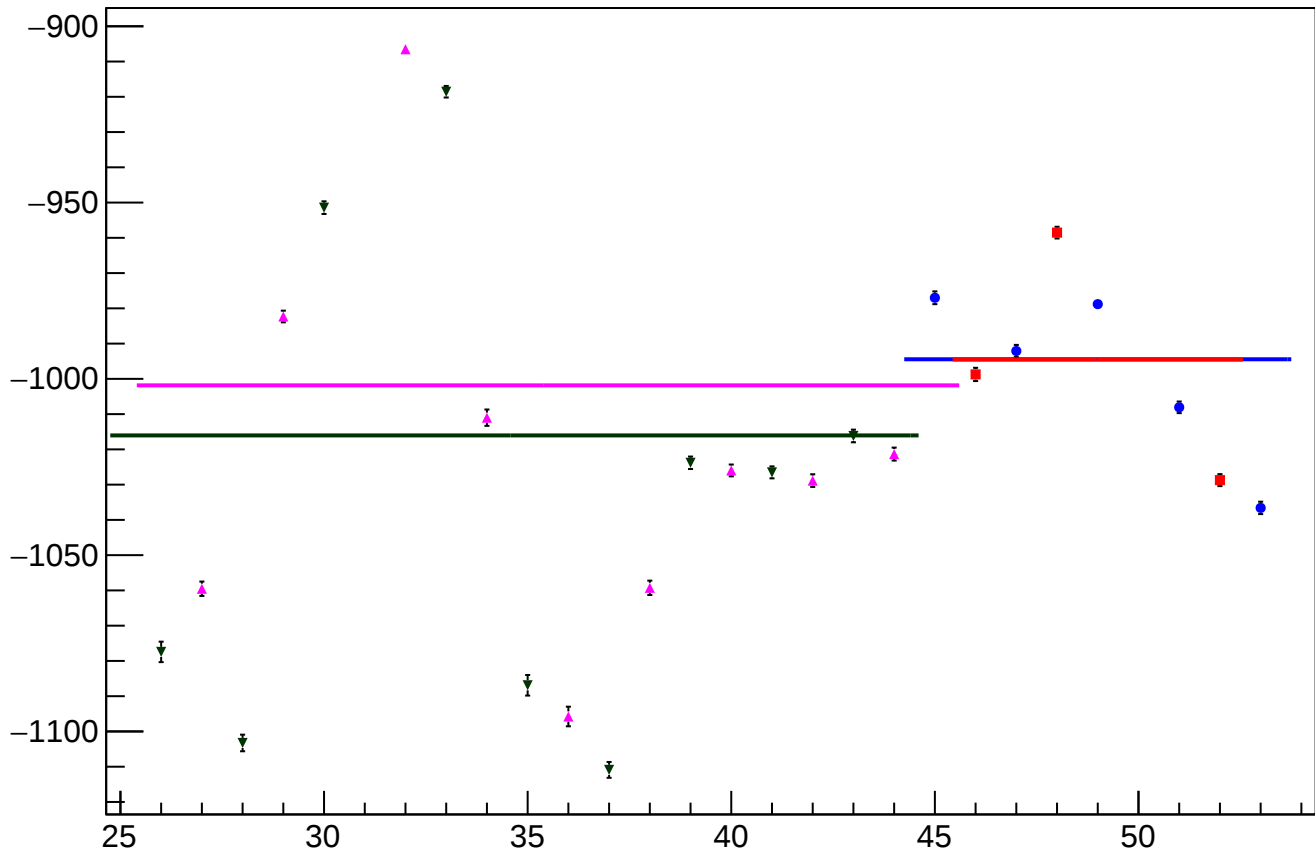
Right Out: 23.494+/-4.467 χ^2/NDF : 2.8/2

Left In: 57.884+/-2.609 χ^2/NDF : 363.4/8

41.857+/-2.056 χ^2/NDF : 542.3/13

49.137+/-2.253 χ^2/NDF : 410.4/11

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -994.445 $\pm$ 0.685 χ^2 /NDF: 933.9/4

Left Out: -1016.038 $\pm$ 0.663 χ^2 /NDF: 9076.6/8

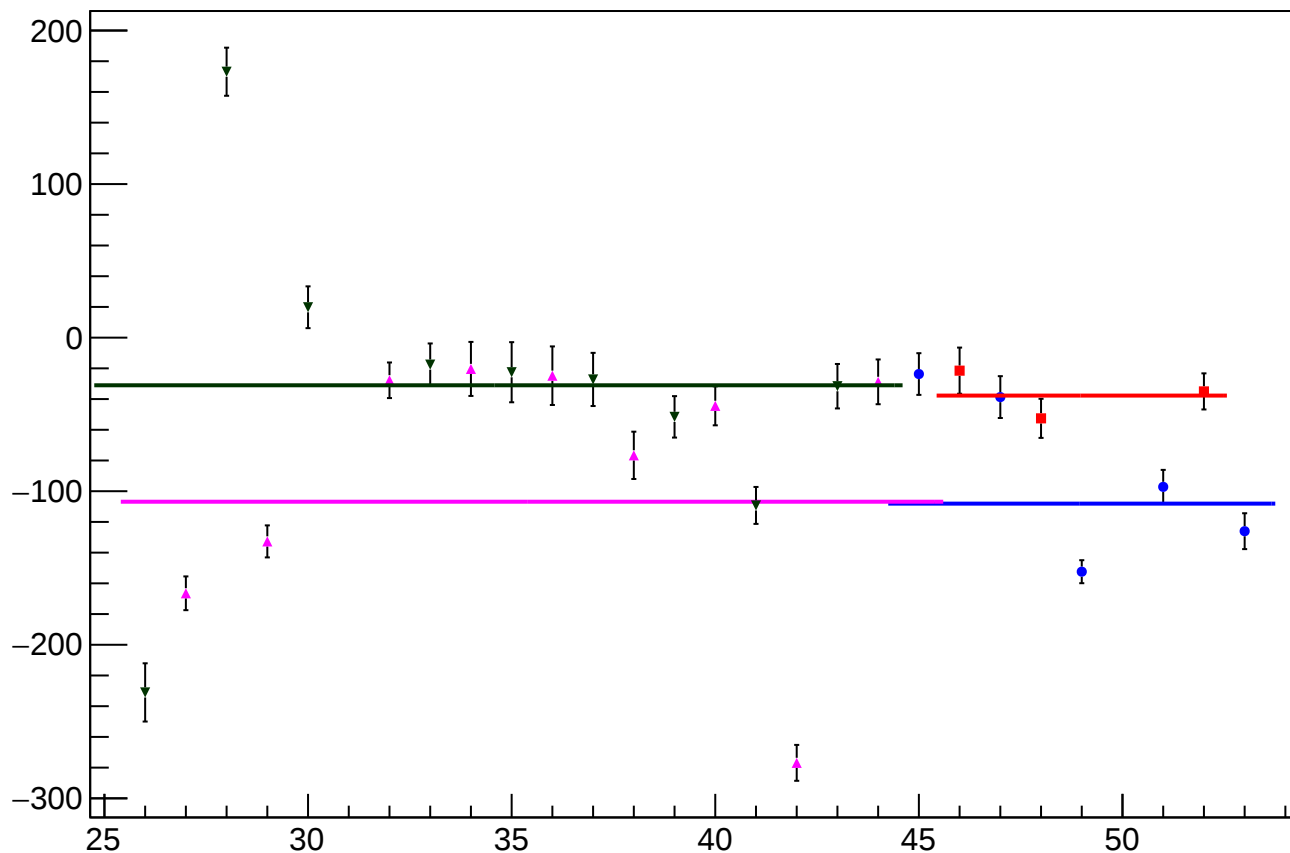
Right Out: -994.534 $\pm$ 1.006 χ^2 /NDF: 875.4/2

Left In: -1001.844 $\pm$ 0.607 χ^2 /NDF: 8875.1/8

-1005.584 $\pm$ 0.476 χ^2 /NDF: 10523.6/13

-999.894 $\pm$ 0.519 χ^2 /NDF: 9789.3/11

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -108.089 ± 4.760 $\chi^2/\text{NDF}: 102.9/4$

Left Out: -31.022 ± 4.960 $\chi^2/\text{NDF}: 340.9/8$

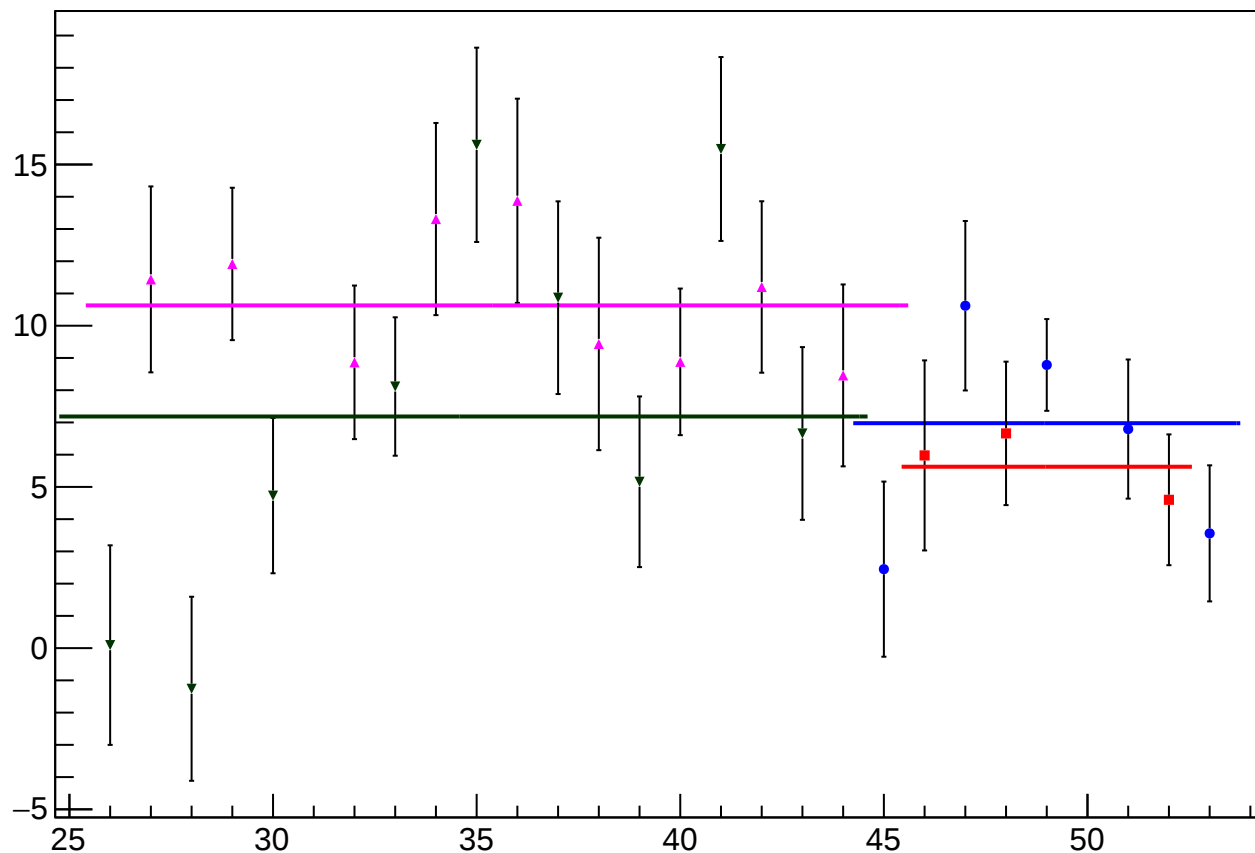
Right Out: -37.730 ± 7.487 $\chi^2/\text{NDF}: 2.6/2$

Left In: -106.845 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

-71.141 ± 3.434 $\chi^2/\text{NDF}: 569.5/13$

-89.523 ± 3.748 $\chi^2/\text{NDF}: 459.6/11$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 6.977 ± 0.908 $\chi^2/\text{NDF}: 8.9/4$

Left Out: 7.185 ± 0.897 $\chi^2/\text{NDF}: 33.7/8$

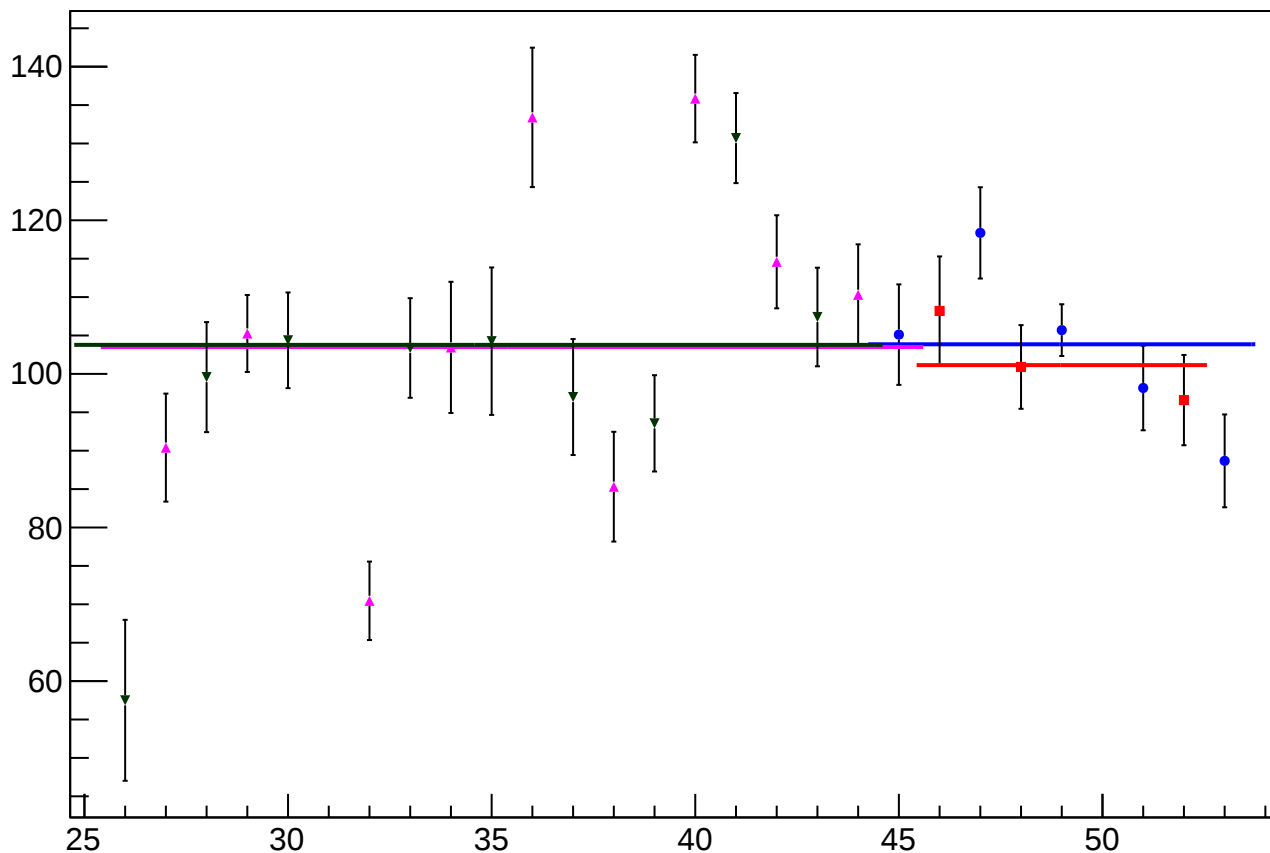
Right Out: 5.626 ± 1.336 $\chi^2/\text{NDF}: 0.5/2$

Left In: 10.630 ± 0.898 $\chi^2/\text{NDF}: 4.1/8$

7.082 ± 0.638 $\chi^2/\text{NDF}: 42.6/13$

9.074 ± 0.745 $\chi^2/\text{NDF}: 14.3/11$

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 103.853 ± 2.236 χ^2/NDF : 13.7/4

Left Out: 103.778 ± 2.323 χ^2/NDF : 44.8/8

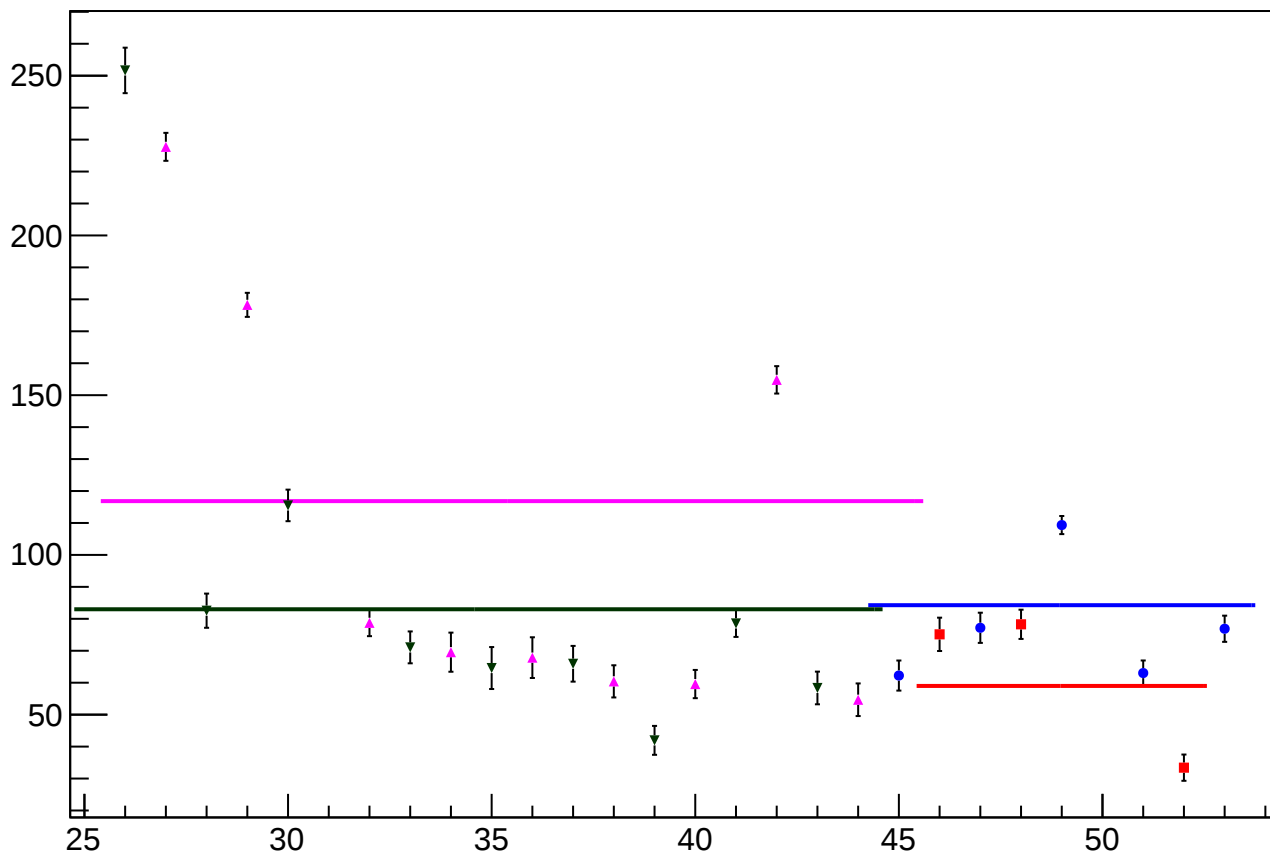
Right Out: 101.143 ± 3.482 χ^2/NDF : 1.6/2

Left In: 103.505 ± 2.108 χ^2/NDF : 99.4/8

103.817 ± 1.611 χ^2/NDF : 58.4/13

102.871 ± 1.803 χ^2/NDF : 101.4/11

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 84.263 ± 1.718 $\chi^2/\text{NDF}: 135.0/4$

Left Out: 82.987 ± 1.731 $\chi^2/\text{NDF}: 733.8/8$

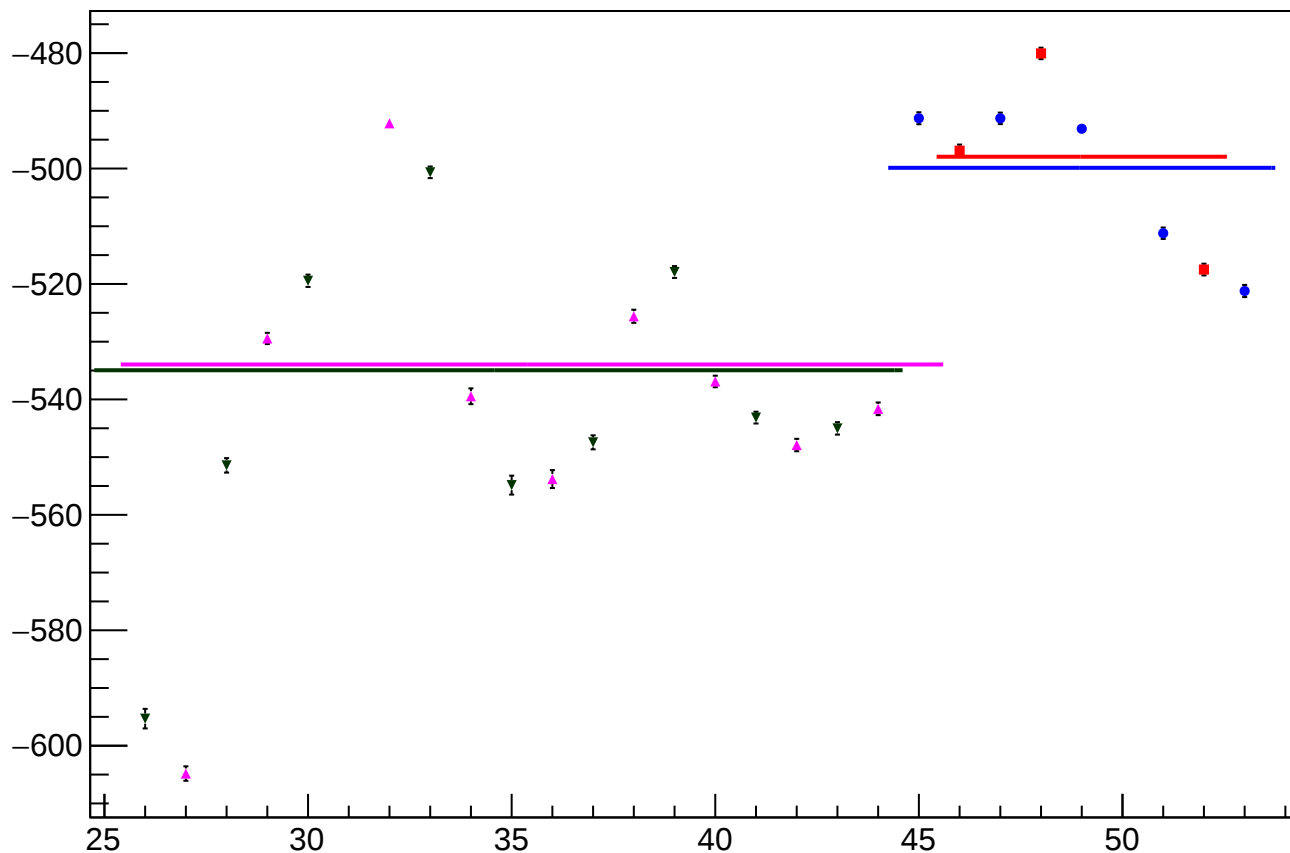
Right Out: 58.988 ± 2.638 $\chi^2/\text{NDF}: 66.1/2$

Left In: 116.837 ± 1.553 $\chi^2/\text{NDF}: 1630.8/8$

83.630 ± 1.219 $\chi^2/\text{NDF}: 869.0/13$

101.954 ± 1.338 $\chi^2/\text{NDF}: 2054.0/11$

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -499.875+/-0.411 χ^2/NDF : 776.0/4

Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

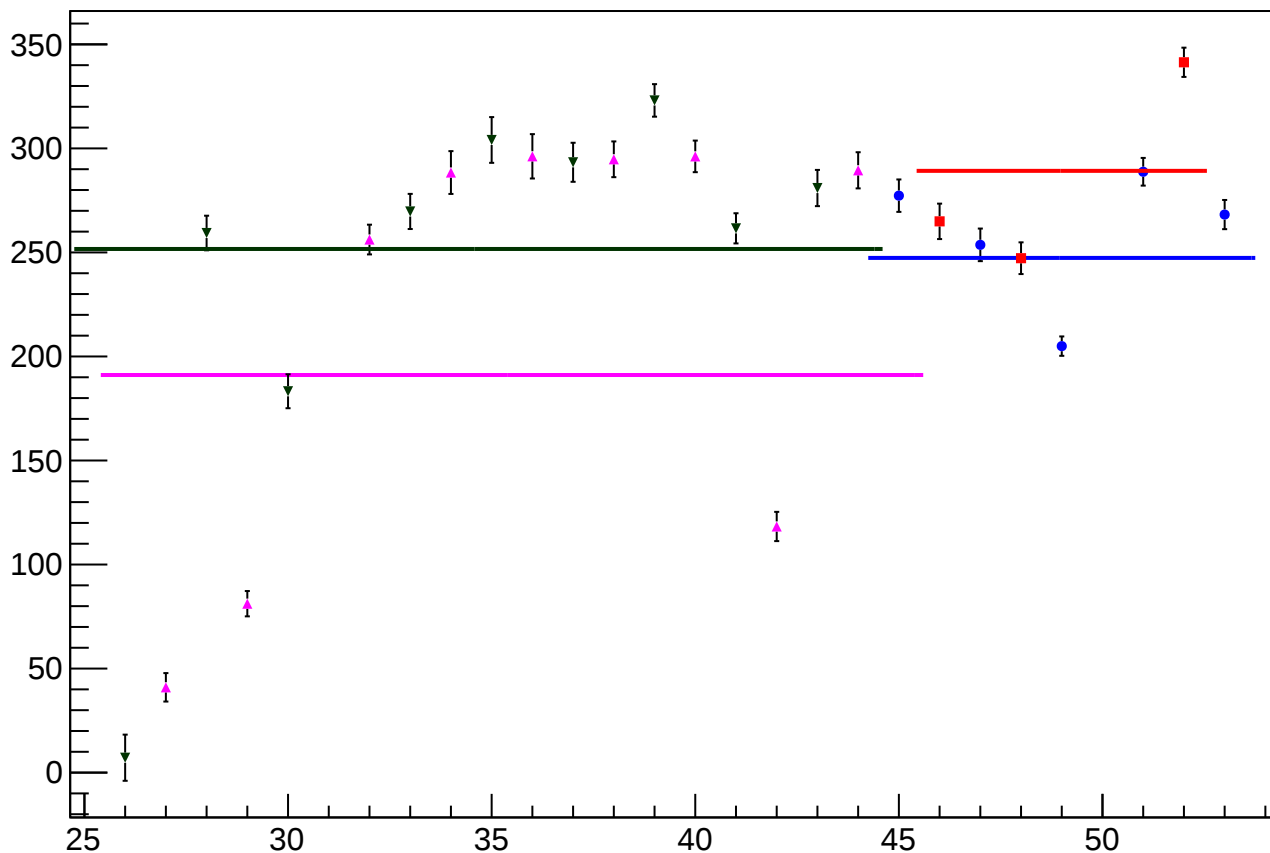
Right Out: -497.956+/-0.592 χ^2/NDF : 692.1/2

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-518.430+/-0.282 χ^2/NDF : 8124.0/13

-524.193+/-0.308 χ^2/NDF : 9829.2/11

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 247.367 $\pm$ 2.866 χ^2 /NDF: 145.7/4

Left Out: 251.665 $\pm$ 2.888 χ^2 /NDF:700.3/8

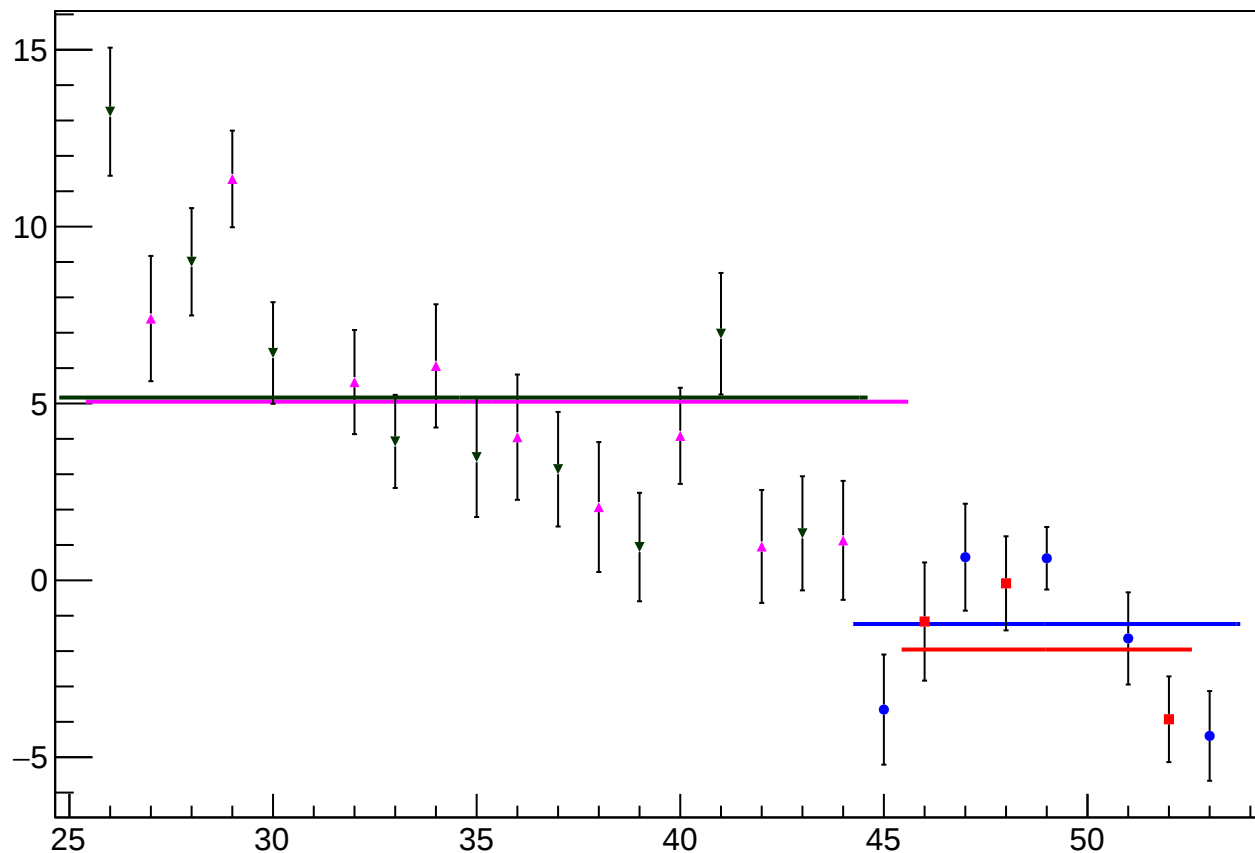
Right Out: 289.209 $\pm$ 4.417 χ^2 /NDF: 93.6/2

Left In: 191.089 $\pm$ 2.577 χ^2 /NDF:1650.2/8

249.499 $\pm$ 2.034 χ^2 /NDF: 847.2/13

216.003 $\pm$ 2.226 χ^2 /NDF: 2112.0/11

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -1.235 ± 0.547 $\chi^2/\text{NDF}: 14.7/4$

Left Out: 5.168 ± 0.521 $\chi^2/\text{NDF}: 44.9/8$

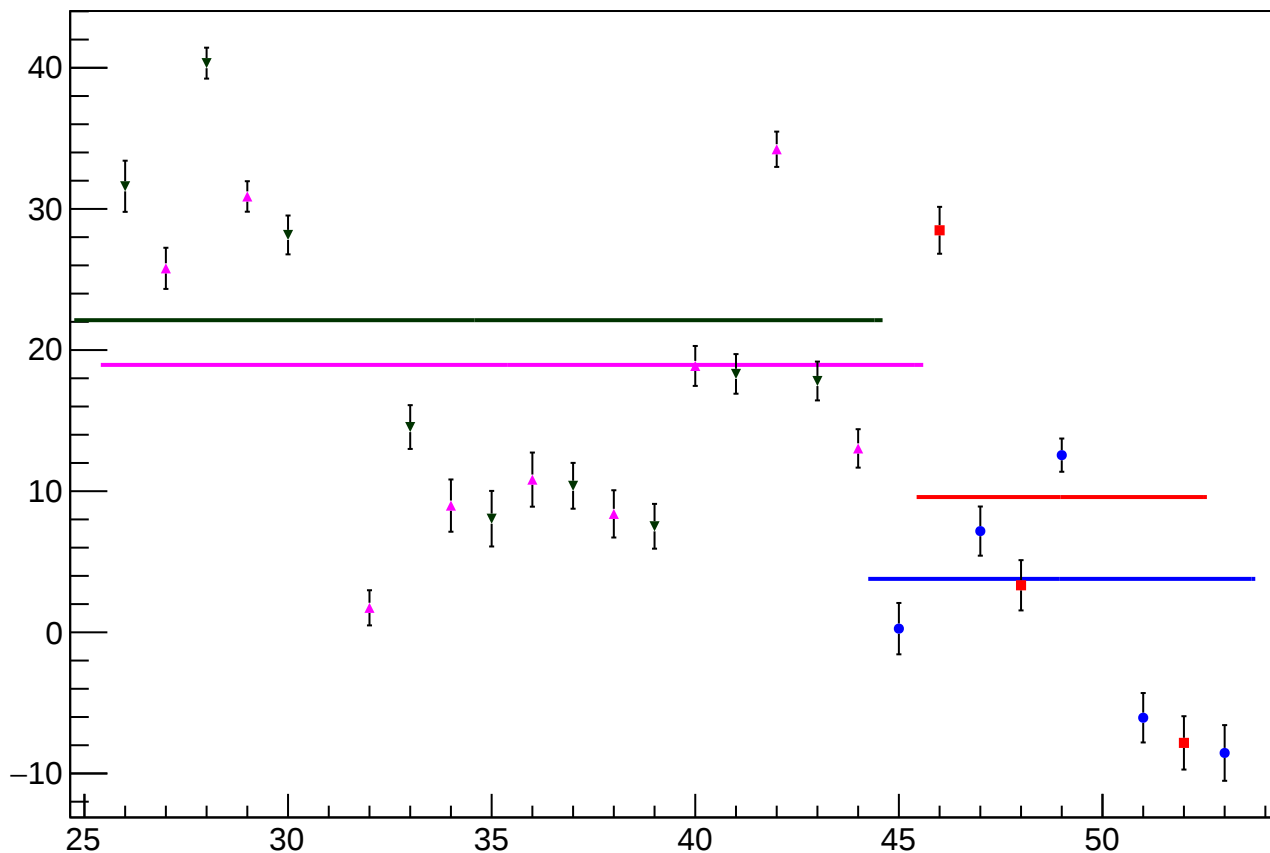
Right Out: -1.956 ± 0.789 $\chi^2/\text{NDF}: 4.9/2$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

2.123 ± 0.377 $\chi^2/\text{NDF}: 131.4/13$

2.869 ± 0.441 $\chi^2/\text{NDF}: 98.1/11$

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 3.787 $\pm$ 0.719 χ^2 /NDF: 133.6/4

Left Out: 22.117 $\pm$ 0.491 χ^2 /NDF: 551.8/8

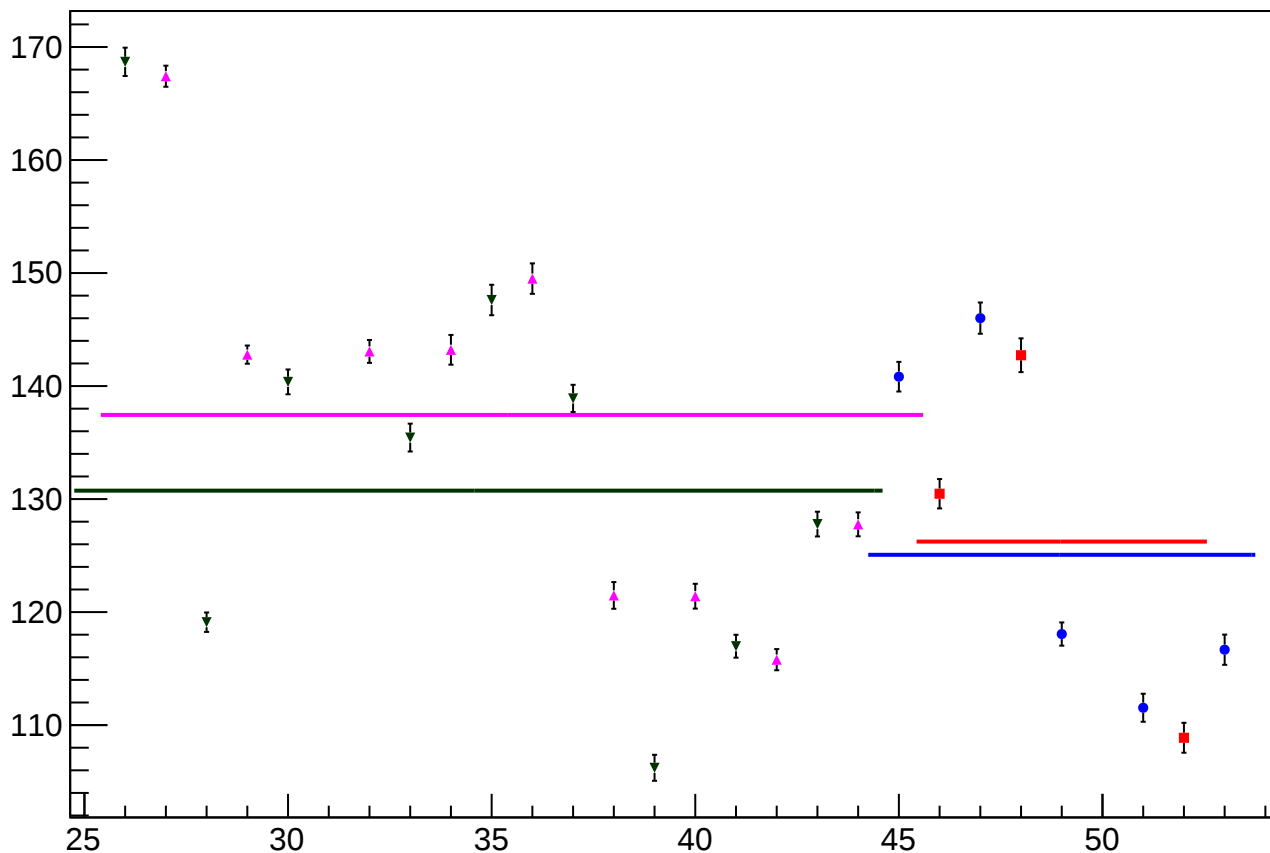
Right Out: 9.585 $\pm$ 1.022 χ^2 /NDF: 226.7/2

Left In: 18.949 $\pm$ 0.468 χ^2 /NDF: 590.0/8

16.287 $\pm$ 0.405 χ^2 /NDF: 1129.0/13

17.327 $\pm$ 0.425 χ^2 /NDF: 886.1/11

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 125.069 ± 0.554 χ^2/NDF : 579.1/4

Left Out: 130.746 ± 0.370 χ^2/NDF : 2040.6/8

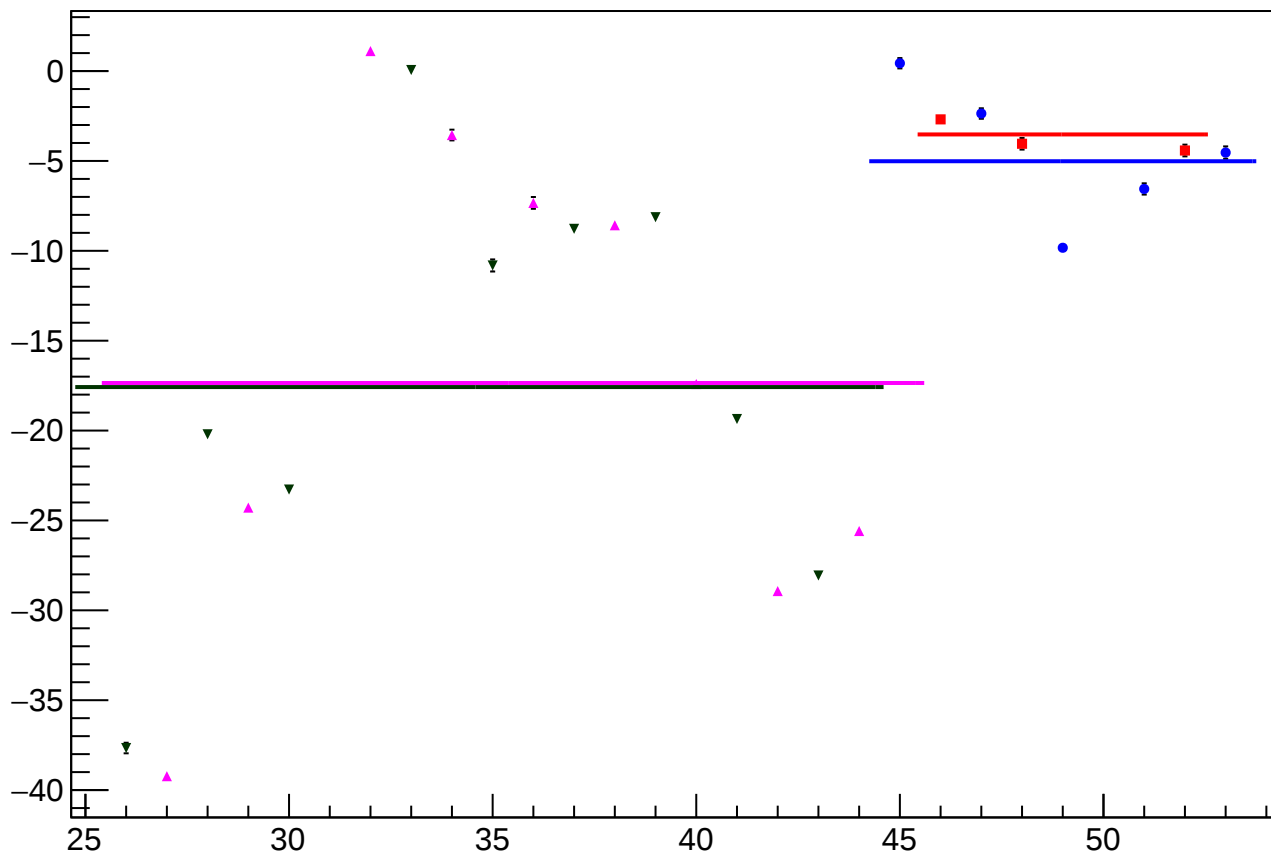
Right Out: 126.240 ± 0.788 χ^2/NDF : 304.0/2

Left In: 137.445 ± 0.345 χ^2/NDF : 2221.8/8

128.991 ± 0.308 χ^2/NDF : 2692.3/13

135.639 ± 0.316 χ^2/NDF : 2695.4/11

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -5.016 ± 0.129 χ^2/NDF : 876.9/4

Left Out: -17.579 ± 0.083 χ^2/NDF : 15734.3/8

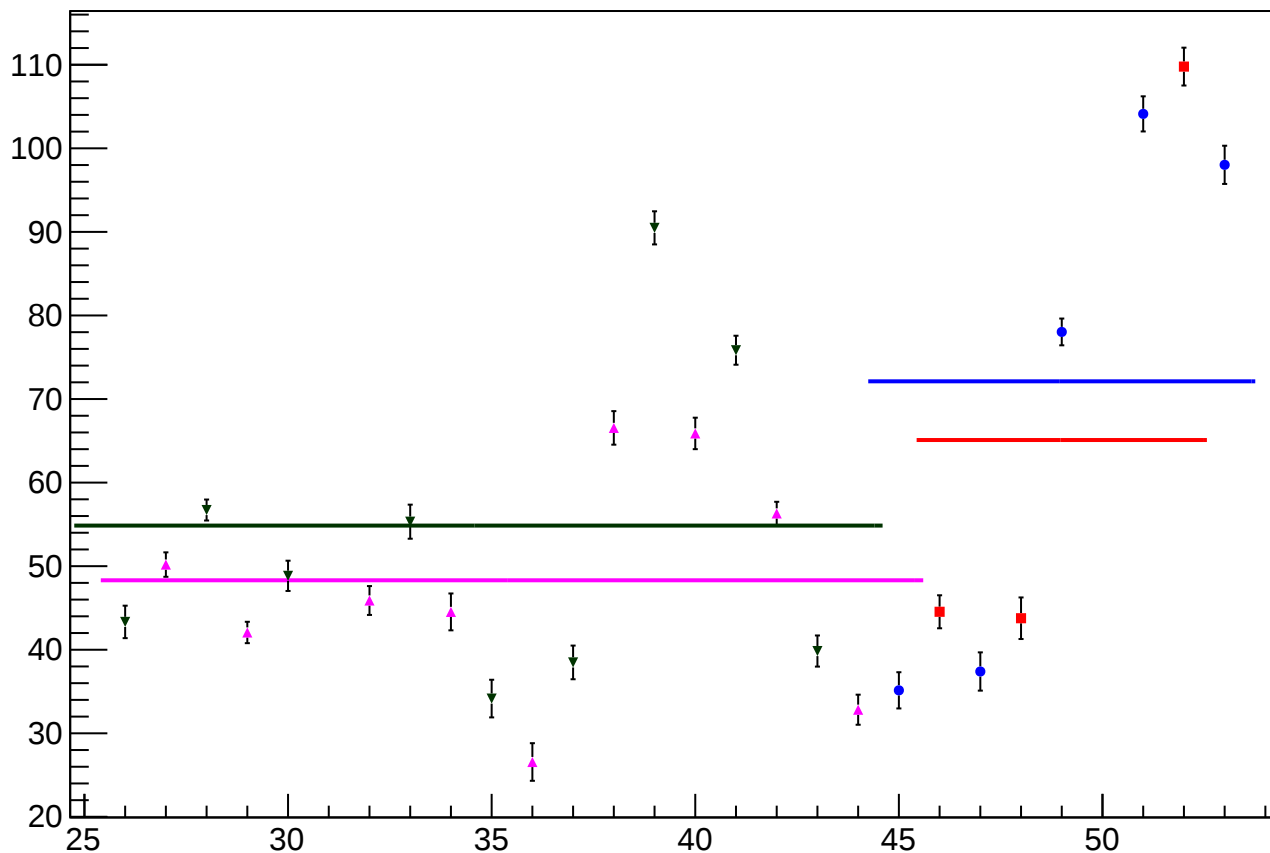
Right Out: -3.525 ± 0.169 χ^2/NDF : 21.2/2

Left In: -17.353 ± 0.080 χ^2/NDF : 25926.3/8

-13.928 ± 0.070 χ^2/NDF : 23336.8/13

-14.822 ± 0.073 χ^2/NDF : 31384.8/11

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 72.120 $\pm$ 0.909 χ^2 /NDF: 894.9/4

Left Out: 54.857 $\pm$ 0.602 χ^2 /NDF: 733.3/8

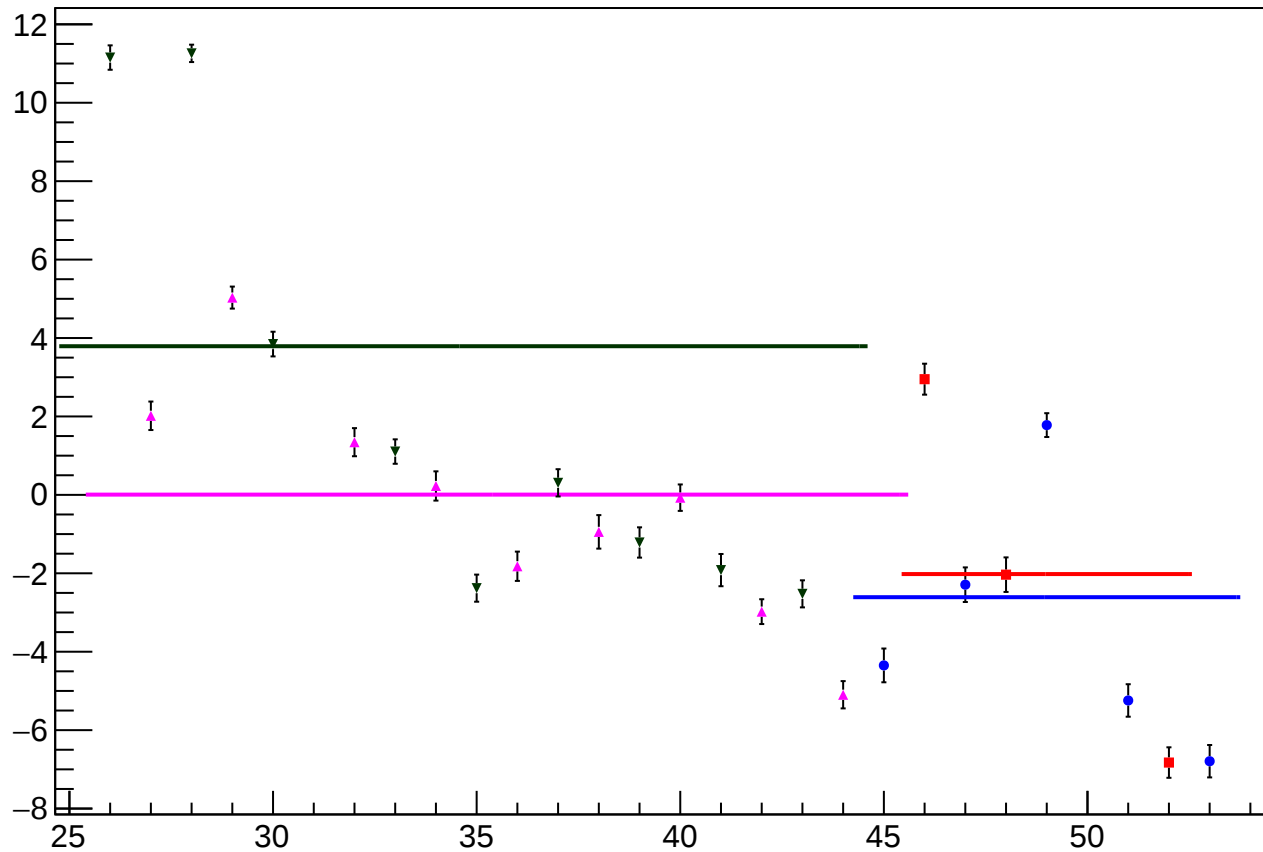
Right Out: 65.095 $\pm$ 1.277 χ^2 /NDF: 571.3/2

Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

60.117 $\pm$ 0.502 χ^2 /NDF: 1879.1/13

51.030 $\pm$ 0.514 χ^2 /NDF: 1116.5/11

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -2.609 ± 0.174 χ^2/NDF : 368.6/4

Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

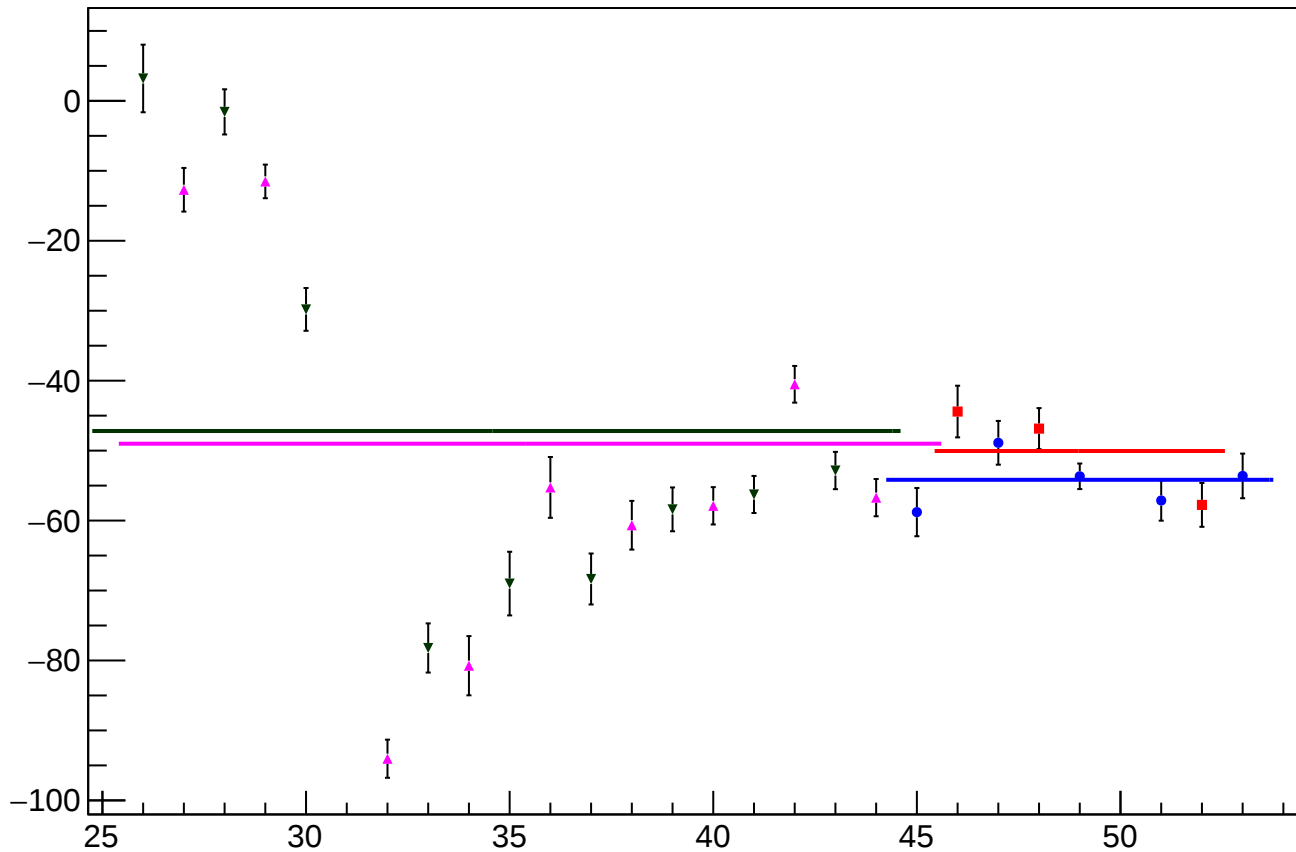
Right Out: -2.020 ± 0.235 χ^2/NDF : 311.4/2

Left In: 0.006 ± 0.116 χ^2/NDF : 698.3/8

2.054 ± 0.091 χ^2/NDF : 4238.6/13

-0.389 ± 0.104 χ^2/NDF : 1069.8/11

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -54.169 ± 1.192 $\chi^2/\text{NDF}: 5.8/4$

Left Out: -47.193 ± 1.094 $\chi^2/\text{NDF}: 504.1/8$

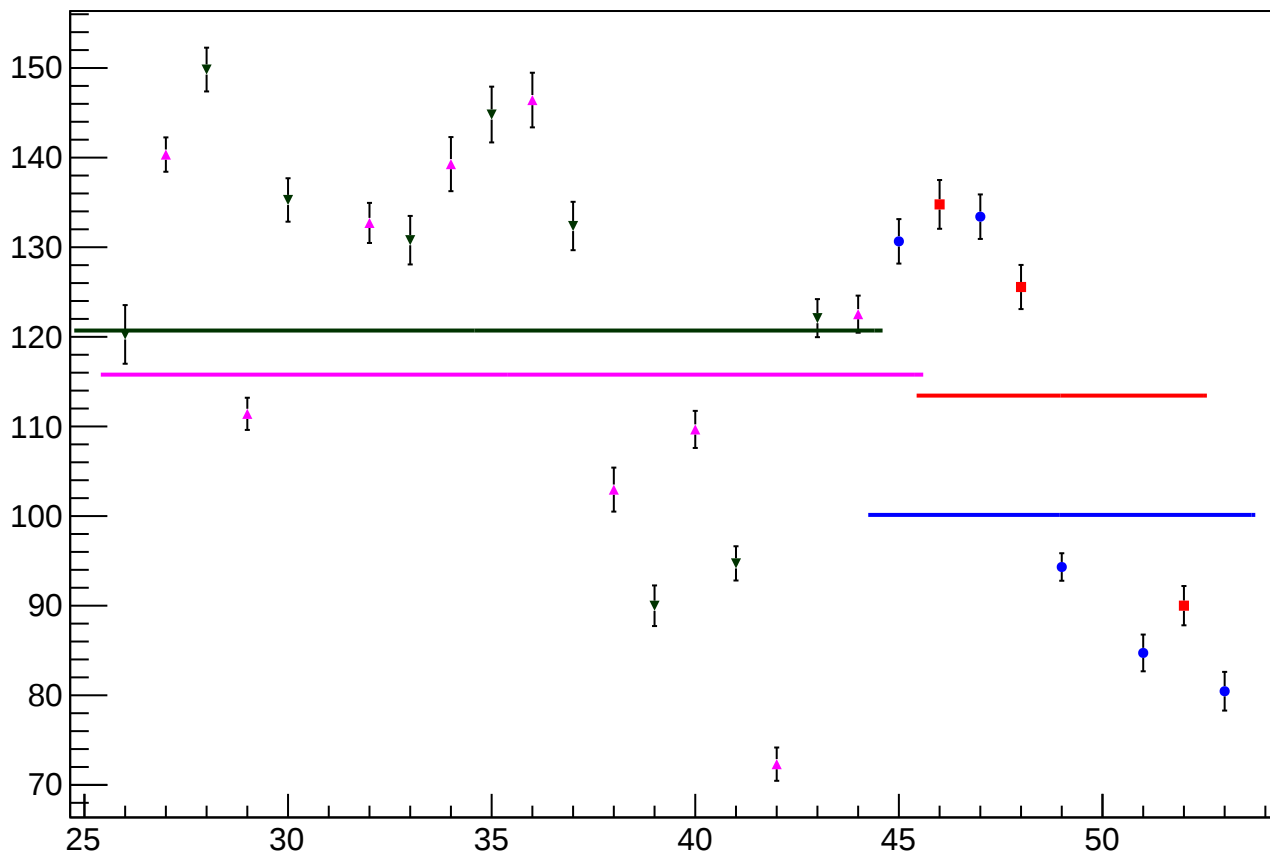
Right Out: -50.053 ± 1.852 $\chi^2/\text{NDF}: 9.6/2$

Left In: -49.009 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-50.383 ± 0.806 $\chi^2/\text{NDF}: 528.5/13$

-49.240 ± 0.870 $\chi^2/\text{NDF}: 760.9/11$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 100.130 $\pm$ 0.912 χ^2 /NDF: 484.6/4

Left Out: 120.704 $\pm$ 0.817 χ^2 /NDF: 639.7/8

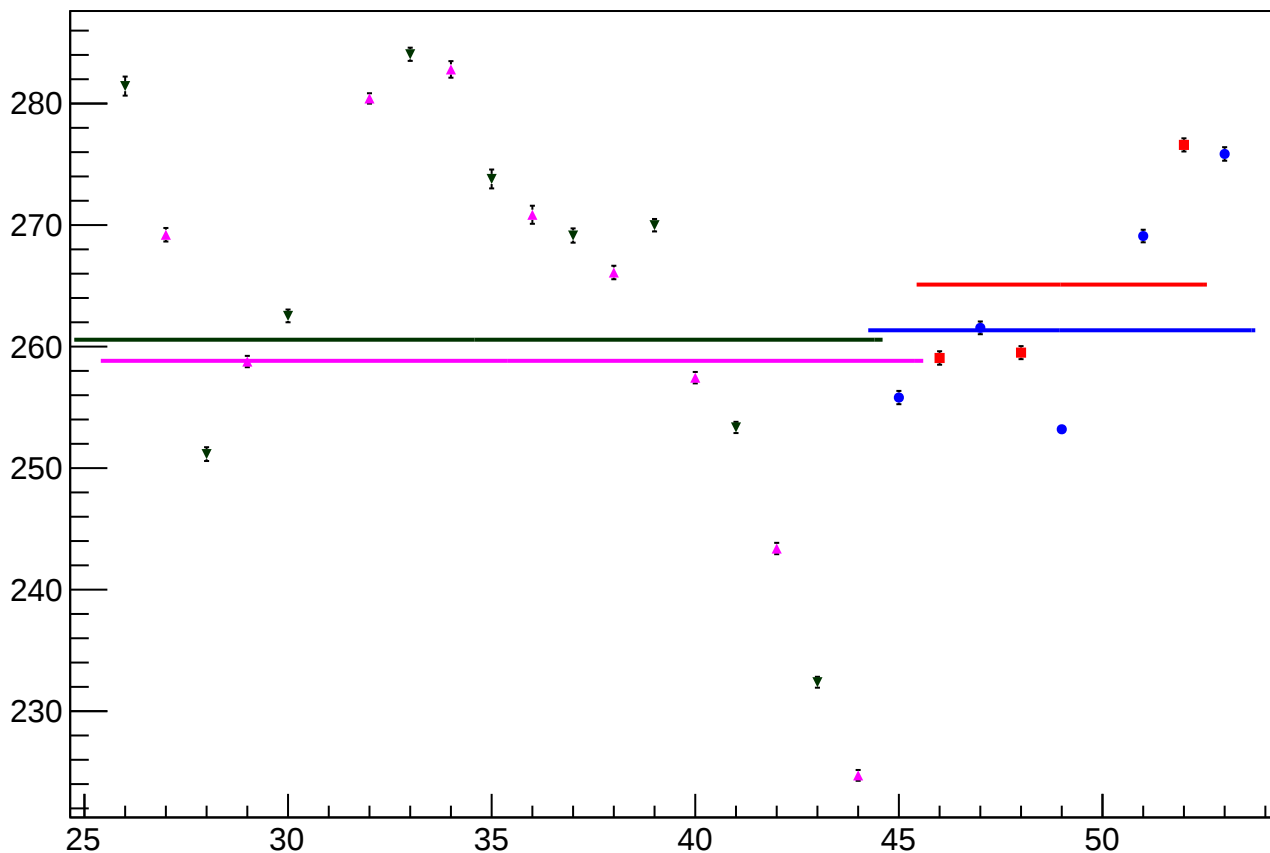
Right Out: 113.443 $\pm$ 1.403 χ^2 /NDF: 200.0/2

Left In: 115.783 $\pm$ 0.721 χ^2 /NDF: 983.2/8

111.549 $\pm$ 0.609 χ^2 /NDF: 1406.6/13

115.294 $\pm$ 0.641 χ^2 /NDF: 1185.3/11

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 261.342 +/- 0.218 χ^2/NDF : 1474.4/4

Left Out: 260.566 +/- 0.183 χ^2/NDF : 7890.4/8

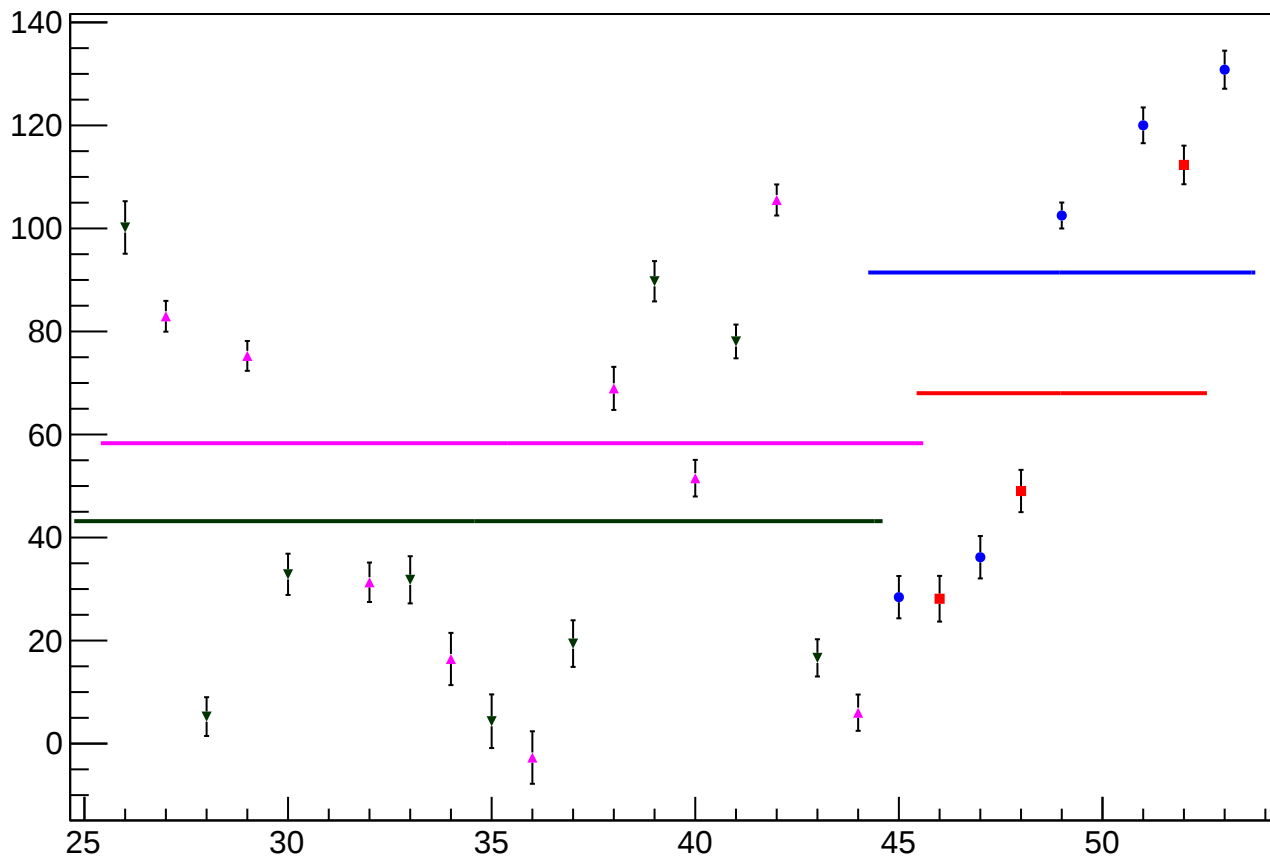
Right Out: 265.102 +/- 0.314 χ^2/NDF : 677.7/2

Left In: 258.829 +/- 0.170 χ^2/NDF : 11543.7/8

260.887 +/- 0.140 χ^2/NDF : 9372.2/13

260.250 +/- 0.149 χ^2/NDF : 12530.1/11

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 91.447+/-1.521 χ^2 /NDF: 616.5/4

Left Out: 43.180+/-1.361 χ^2 /NDF:631.7/8

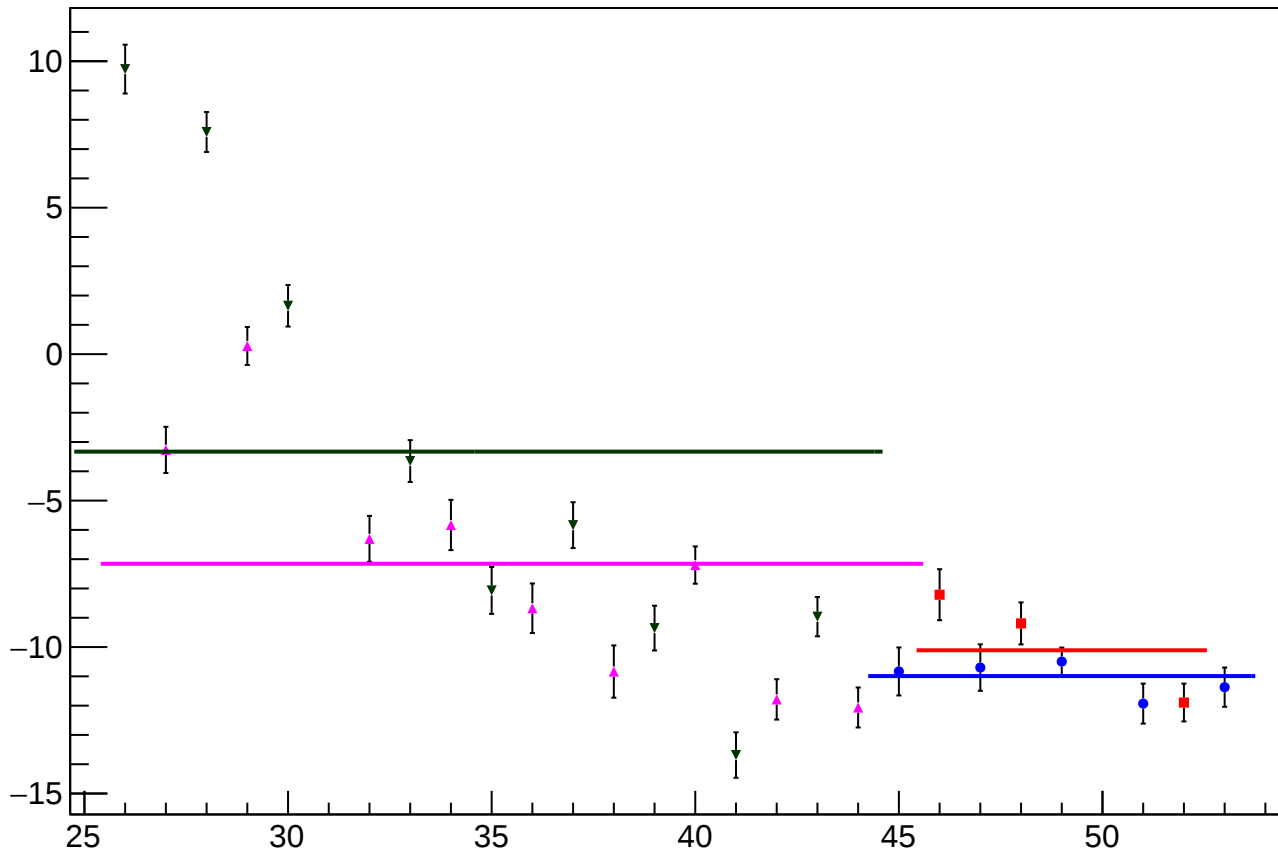
Right Out: 68.019+/-2.348 χ^2 /NDF: 242.1/2

Left In: 58.309+/-1.192 χ^2 /NDF:839.2/8

64.642+/-1.014 χ^2 /NDF: 1807.5/13

60.300+/-1.063 χ^2 /NDF: 1094.9/11

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.991 ± 0.291 $\chi^2/\text{NDF}: 3.5/4$

Left Out: -3.328 ± 0.248 $\chi^2/\text{NDF}: 906.6/8$

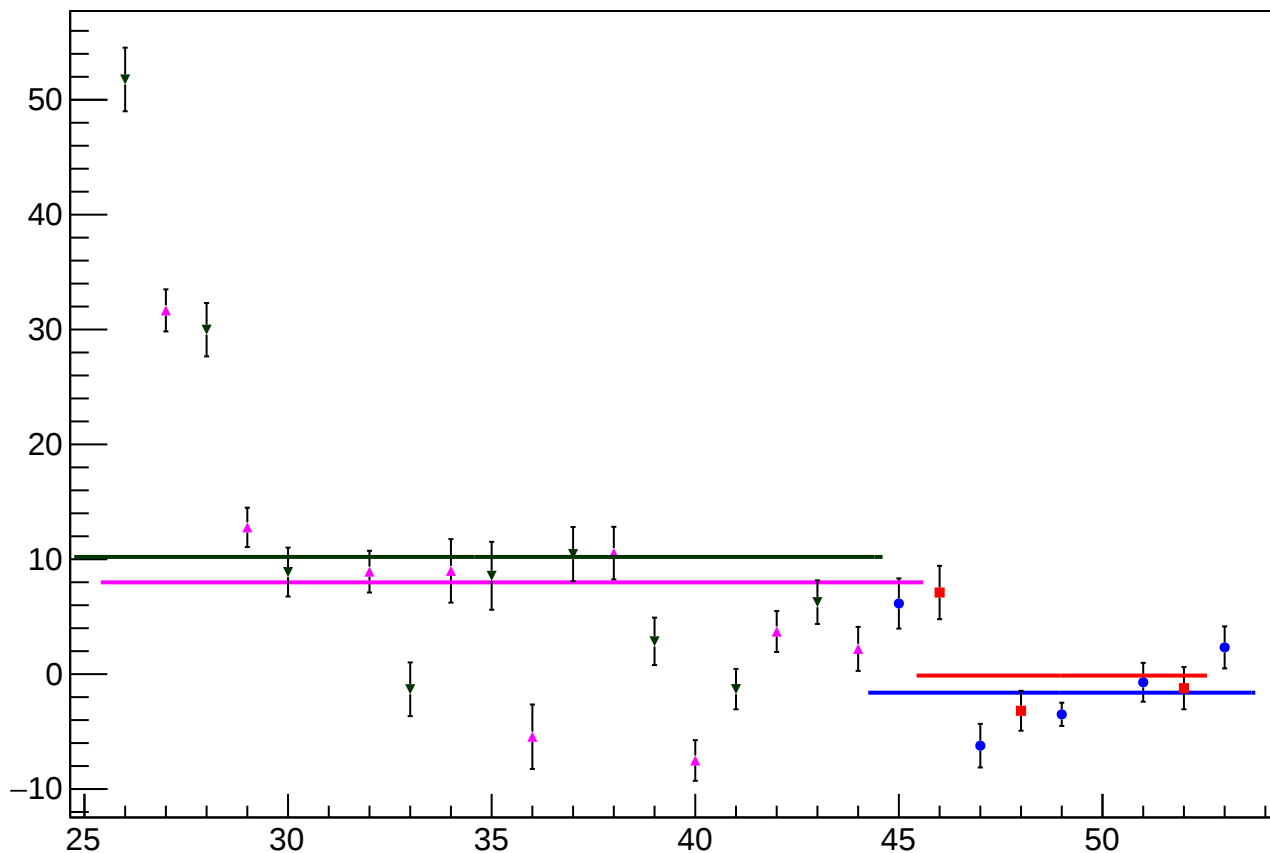
Right Out: -10.110 ± 0.420 $\chi^2/\text{NDF}: 14.0/2$

Left In: -7.157 ± 0.247 $\chi^2/\text{NDF}: 276.6/8$

-6.548 ± 0.188 $\chi^2/\text{NDF}: 1312.7/13$

-7.916 ± 0.213 $\chi^2/\text{NDF}: 327.3/11$

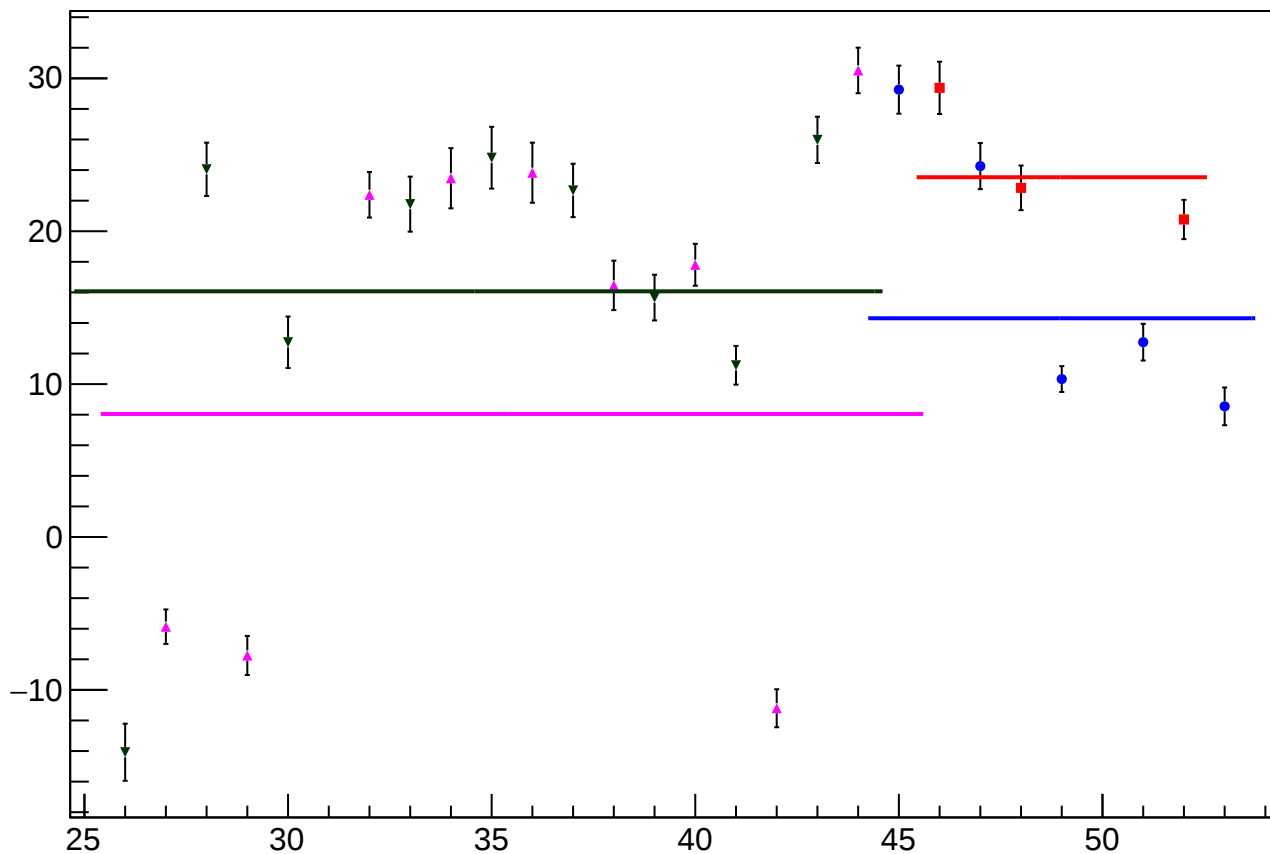
reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -1.614 ± 0.688 χ^2/NDF : 26.9/4
 Left Out: 10.204 ± 0.735 χ^2/NDF : 382.8/8
 Right Out: -0.124 ± 1.109 χ^2/NDF : 13.2/2
 Left In: 7.990 ± 0.660 χ^2/NDF : 291.3/8

3.903 ± 0.502 χ^2/NDF : 547.4/13
 5.868 ± 0.567 χ^2/NDF : 344.0/11

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 14.307 ± 0.527 χ^2/NDF : 179.7/4

Left Out: 16.069 ± 0.546 χ^2/NDF : 386.1/8

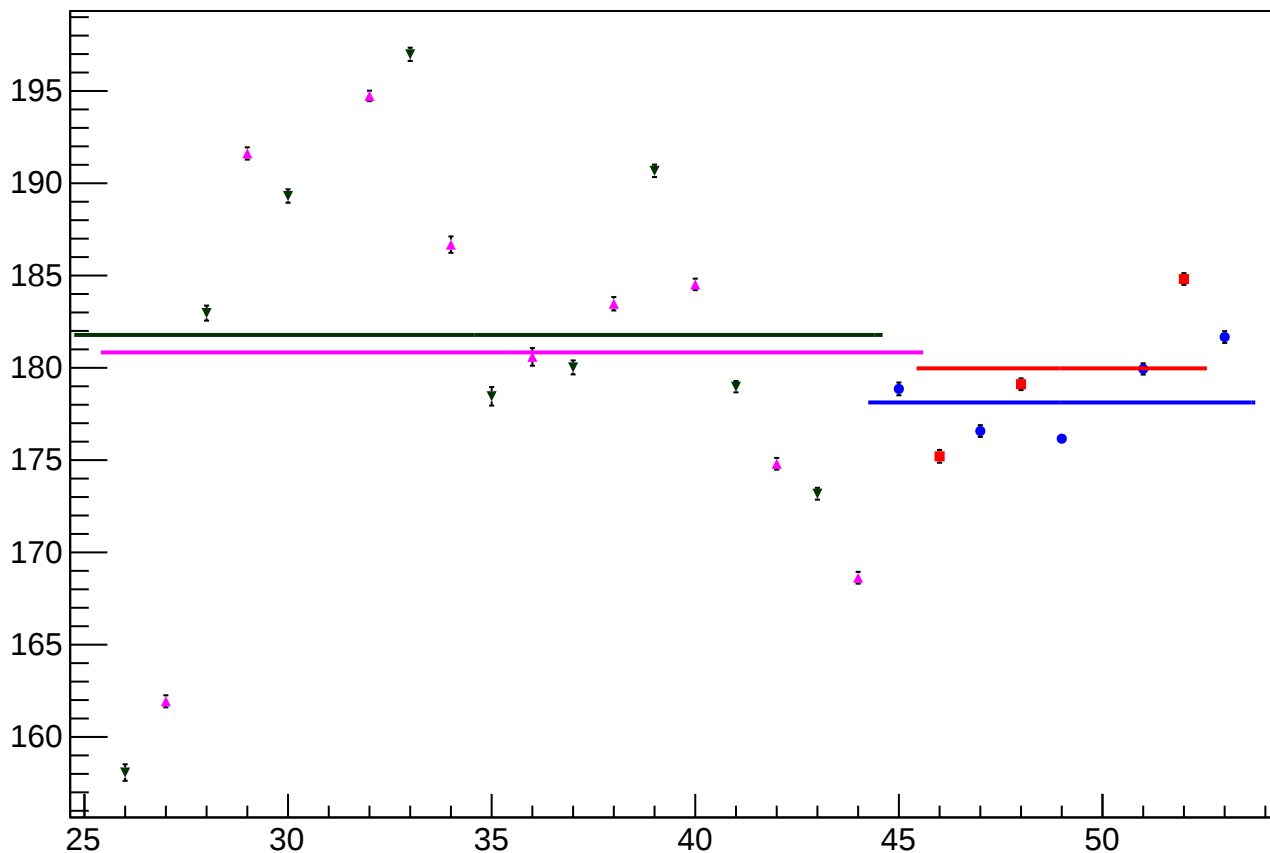
Right Out: 23.531 ± 0.840 χ^2/NDF : 16.6/2

Left In: 8.048 ± 0.478 χ^2/NDF : 1067.9/8

15.158 ± 0.379 χ^2/NDF : 571.2/13

11.839 ± 0.415 χ^2/NDF : 1341.3/11

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 178.123 $\pm$ 0.127 χ^2 /NDF: 276.0/4

Left Out: 181.782 $\pm$ 0.123 χ^2 /NDF:6553.1/8

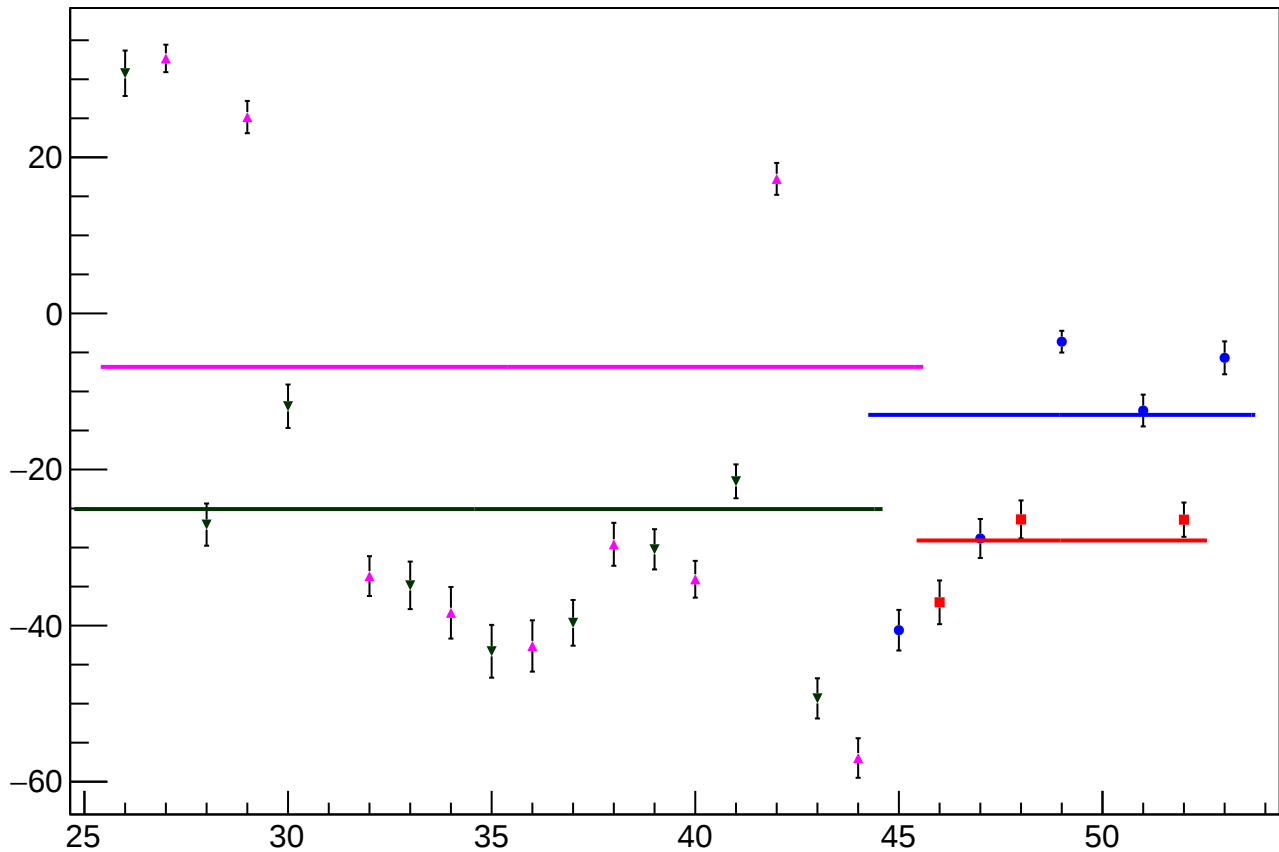
Right Out: 179.971 $\pm$ 0.189 χ^2 /NDF: 427.4/2

Left In: 180.835 $\pm$ 0.114 χ^2 /NDF:8962.0/8

180.014 $\pm$ 0.088 χ^2 /NDF: 7257.1/13

180.606 $\pm$ 0.097 χ^2 /NDF: 9404.8/11

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -12.999+/-0.881 χ^2/NDF : 210.0/4

Left Out: -25.070+/-0.909 χ^2/NDF : 550.5/8

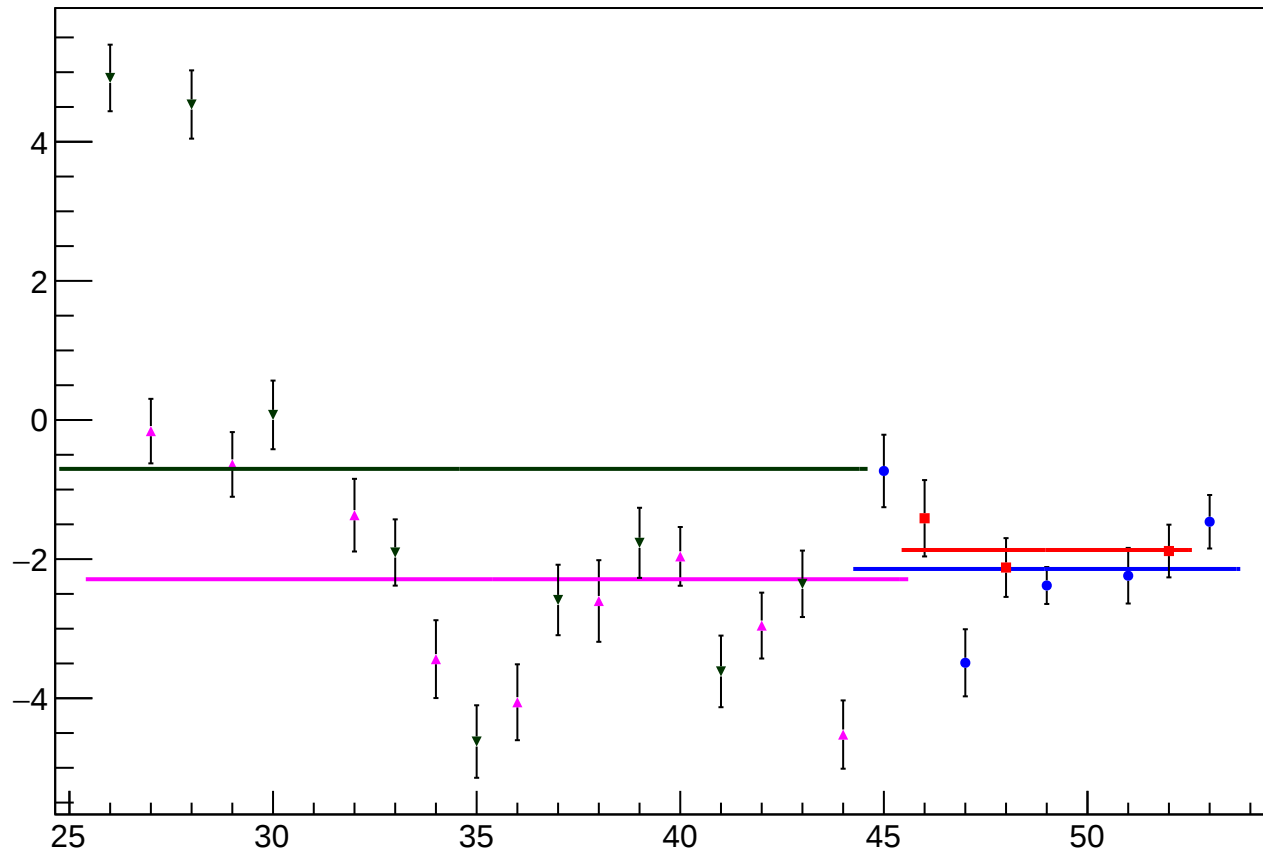
-18.839+/-0.633 χ^2/NDF : 851.5/13

Right Out: -29.093+/-1.408 χ^2/NDF : 10.7/2

-12.179+/-0.689 χ^2/NDF : 1994.7/11

Left In: -6.850+/-0.790 χ^2/NDF : 1794.2/8

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.141 ± 0.169 $\chi^2/\text{NDF}: 19.1/4$

Left Out: -0.703 ± 0.165 $\chi^2/\text{NDF}: 379.5/8$

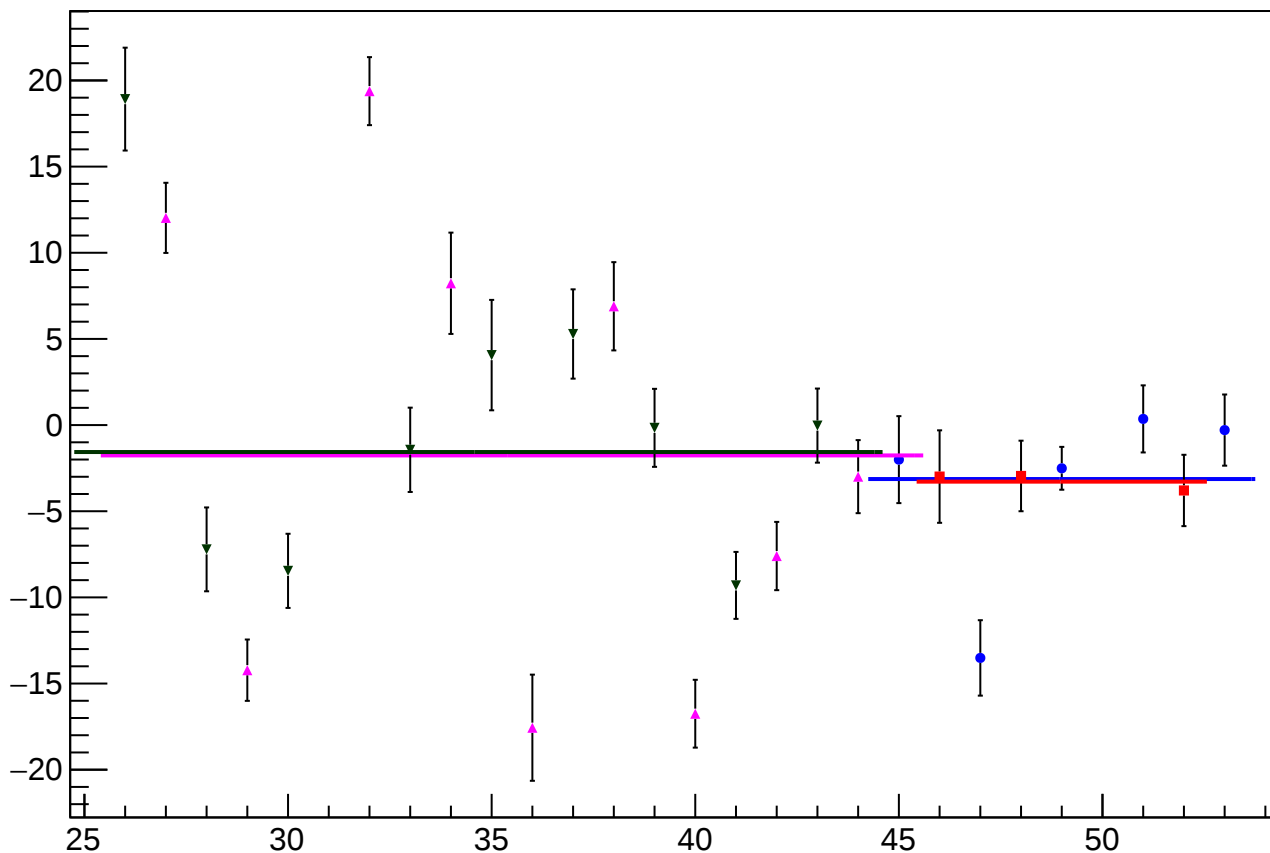
Right Out: -1.869 ± 0.251 $\chi^2/\text{NDF}: 1.0/2$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.407 ± 0.118 $\chi^2/\text{NDF}: 435.8/13$

-2.162 ± 0.138 $\chi^2/\text{NDF}: 78.1/11$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -3.132 ± 0.814 $\chi^2/\text{NDF}: 28.0/4$

Left Out: -1.565 ± 0.794 $\chi^2/\text{NDF}: 89.6/8$

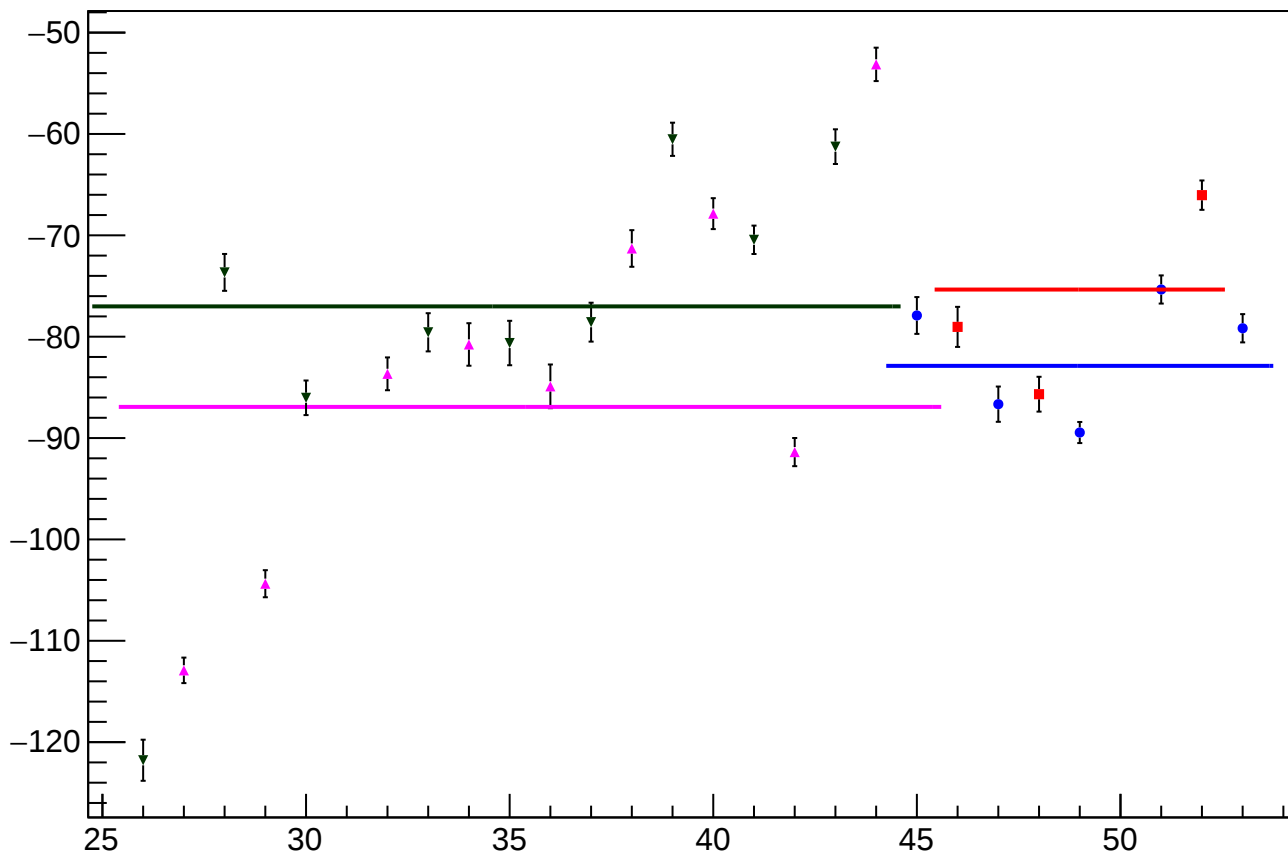
Right Out: -3.283 ± 1.280 $\chi^2/\text{NDF}: 0.1/2$

Left In: -1.762 ± 0.721 $\chi^2/\text{NDF}: 326.0/8$

-2.329 ± 0.568 $\chi^2/\text{NDF}: 119.5/13$

-2.128 ± 0.628 $\chi^2/\text{NDF}: 327.2/11$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -82.878 $\pm$ 0.621 χ^2 /NDF: 88.6/4

Left Out: -77.011 $\pm$ 0.590 χ^2 /NDF: 732.4/8

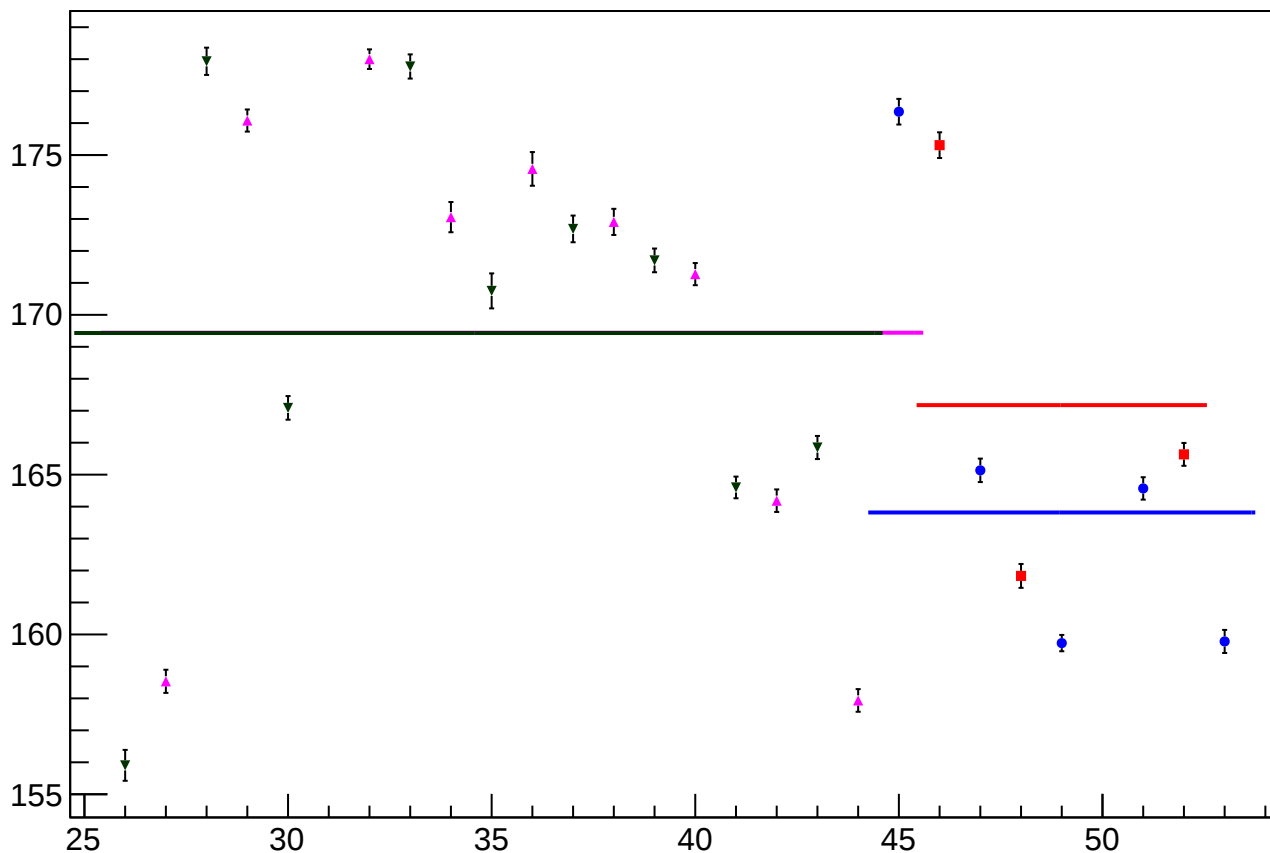
Right Out: -75.349 $\pm$ 0.966 χ^2 /NDF: 80.9/2

Left In: -86.926 $\pm$ 0.524 χ^2 /NDF: 1272.9/8

-79.791 $\pm$ 0.428 χ^2 /NDF: 867.9/13

-84.293 $\pm$ 0.461 χ^2 /NDF: 1464.7/11

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 163.816 $\pm$ 0.149 χ^2 /NDF: 1373.7/4

Left Out: 169.432 $\pm$ 0.133 χ^2 /NDF:2111.0/8

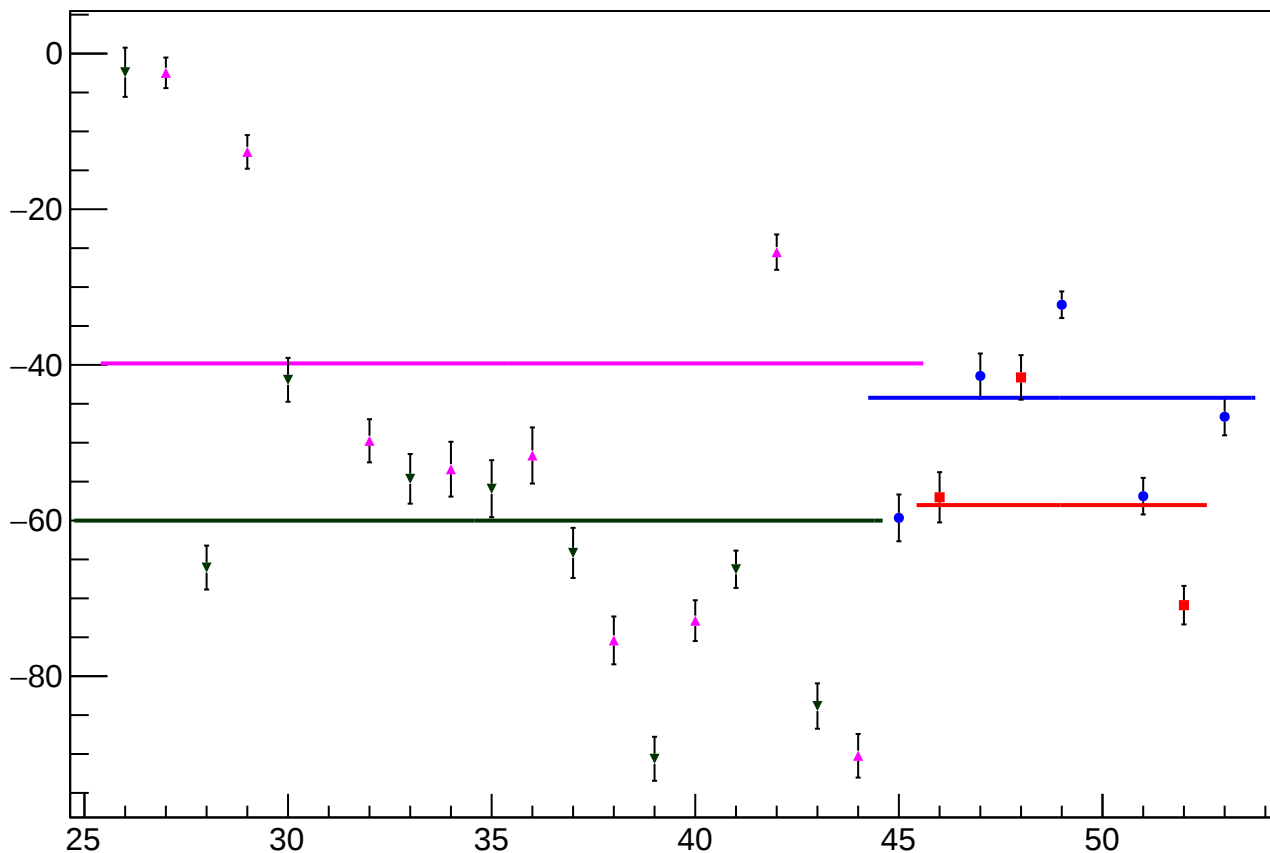
Right Out: 167.175 $\pm$ 0.218 χ^2 /NDF: 631.4/2

Left In: 169.441 $\pm$ 0.124 χ^2 /NDF:3580.2/8

166.955 $\pm$ 0.099 χ^2 /NDF: 4273.9/13

168.885 $\pm$ 0.108 χ^2 /NDF: 4293.4/11

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -44.228 ± 1.037 $\chi^2/\text{NDF}: 106.1/4$

Left Out: -60.008 ± 0.982 $\chi^2/\text{NDF}: 574.8/8$

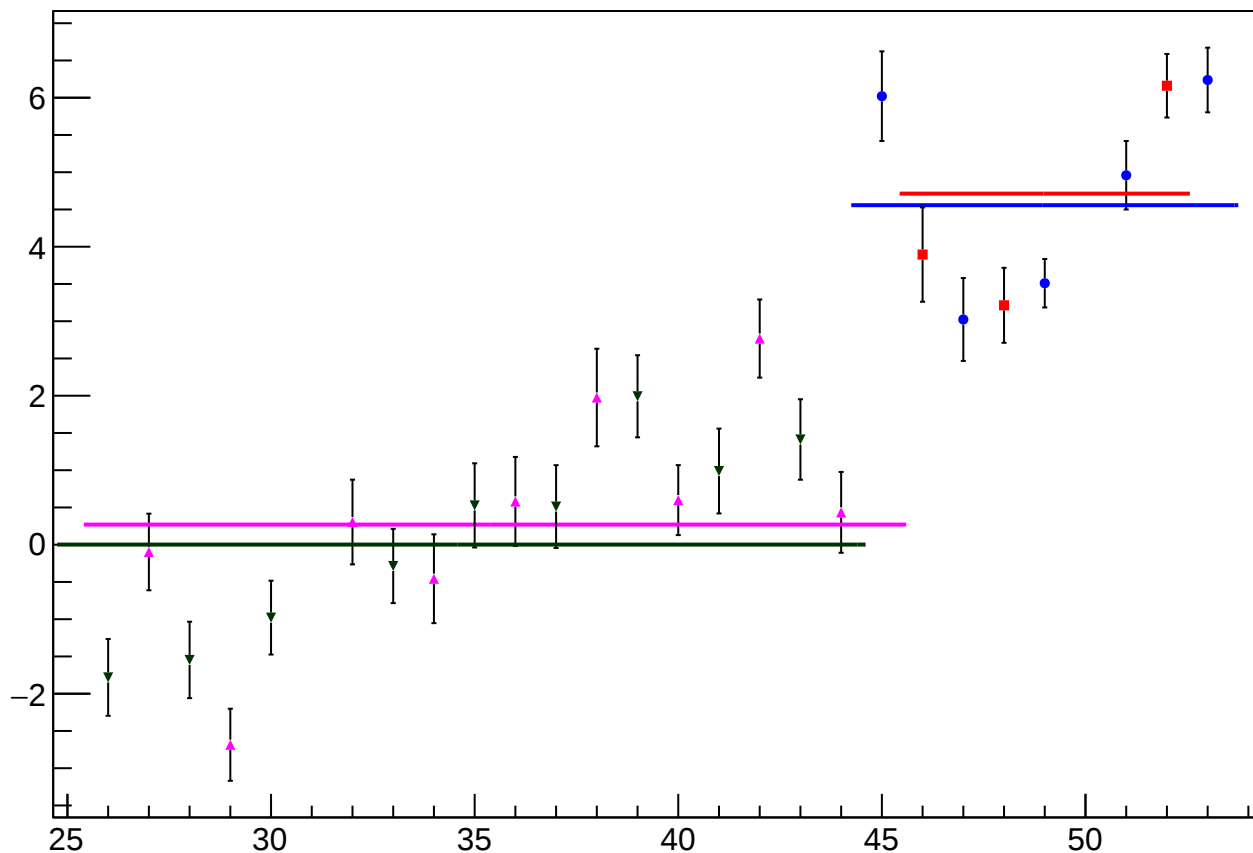
Right Out: -58.017 ± 1.620 $\chi^2/\text{NDF}: 59.9/2$

Left In: -39.813 ± 0.866 $\chi^2/\text{NDF}: 1214.8/8$

-52.553 ± 0.713 $\chi^2/\text{NDF}: 802.9/13$

-43.858 ± 0.764 $\chi^2/\text{NDF}: 1372.9/11$

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 4.557 ± 0.198 χ^2/NDF : 39.7/4

Left Out: 0.002 ± 0.177 χ^2/NDF : 49.9/8

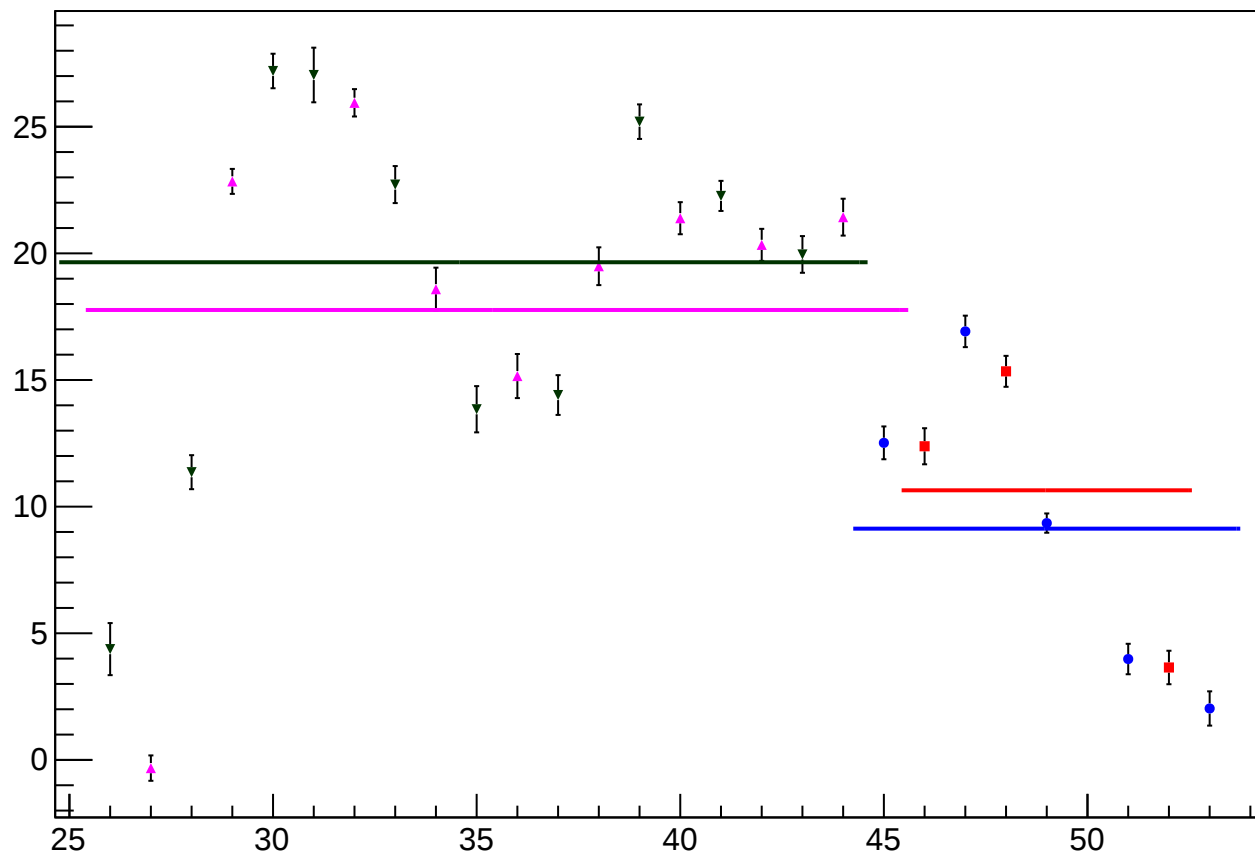
Right Out: 4.713 ± 0.289 χ^2/NDF : 22.1/2

Left In: 0.270 ± 0.181 χ^2/NDF : 69.6/8

2.027 ± 0.132 χ^2/NDF : 383.4/13

1.515 ± 0.153 χ^2/NDF : 261.2/11

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 9.131 ± 0.244 $\chi^2/\text{NDF}: 368.0/4$

Left Out: 19.649 ± 0.237 $\chi^2/\text{NDF}: 731.4/9$

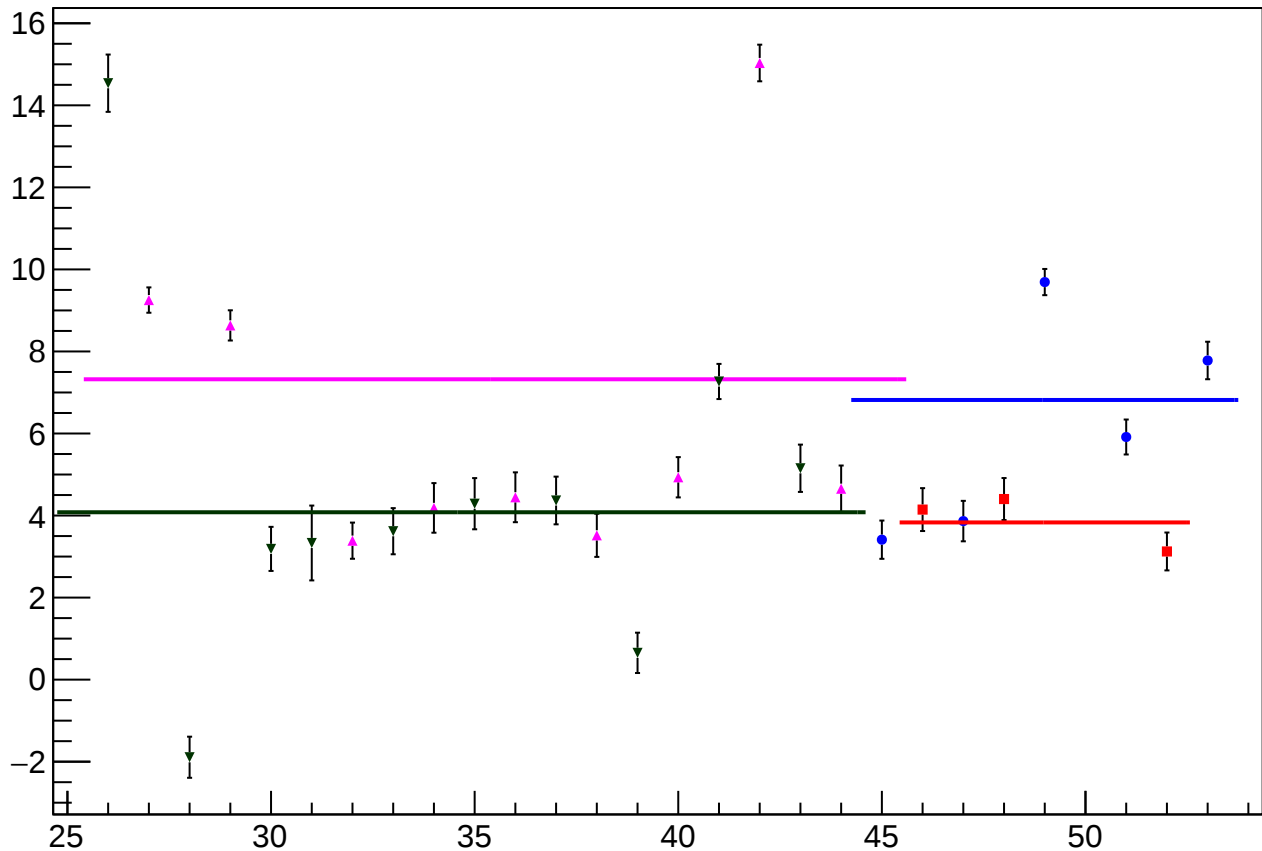
Right Out: 10.645 ± 0.380 $\chi^2/\text{NDF}: 177.1/2$

Left In: 17.765 ± 0.209 $\chi^2/\text{NDF}: 1728.2/8$

14.533 ± 0.170 $\chi^2/\text{NDF}: 2055.1/14$

16.109 ± 0.183 $\chi^2/\text{NDF}: 2175.3/11$

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 6.817+/-0.186 χ^2/NDF : 179.1/4

Left Out: 4.080+/-0.177 χ^2/NDF : 478.1/9

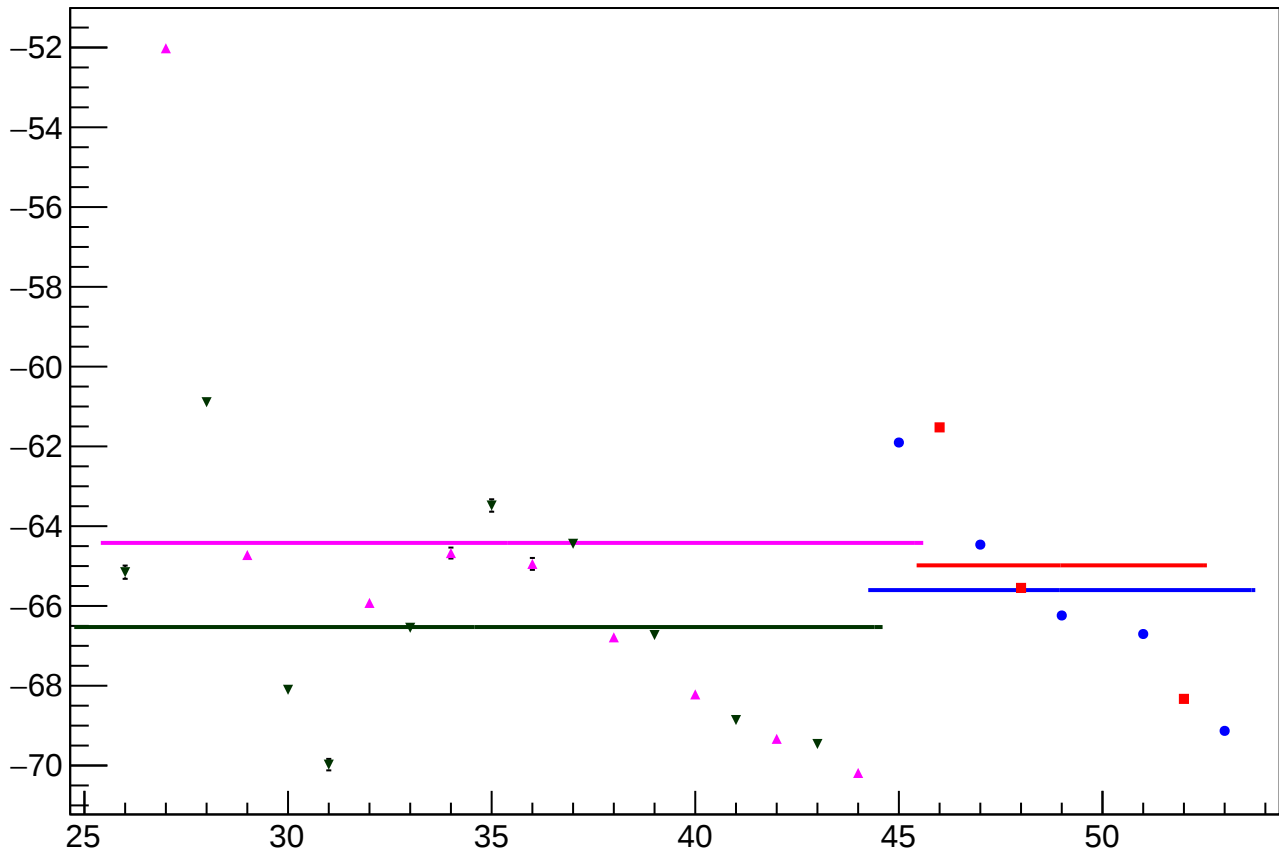
Right Out: 3.832+/-0.287 χ^2/NDF : 3.9/2

Left In: 7.322+/-0.150 χ^2/NDF : 577.1/8

5.377+/-0.128 χ^2/NDF : 770.7/14

6.570+/-0.133 χ^2/NDF : 697.4/11

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -65.602 $\pm$ 0.044 χ^2/NDF : 2464.4/4

Left Out: -66.529 $\pm$ 0.039 χ^2/NDF : 4841.9/9

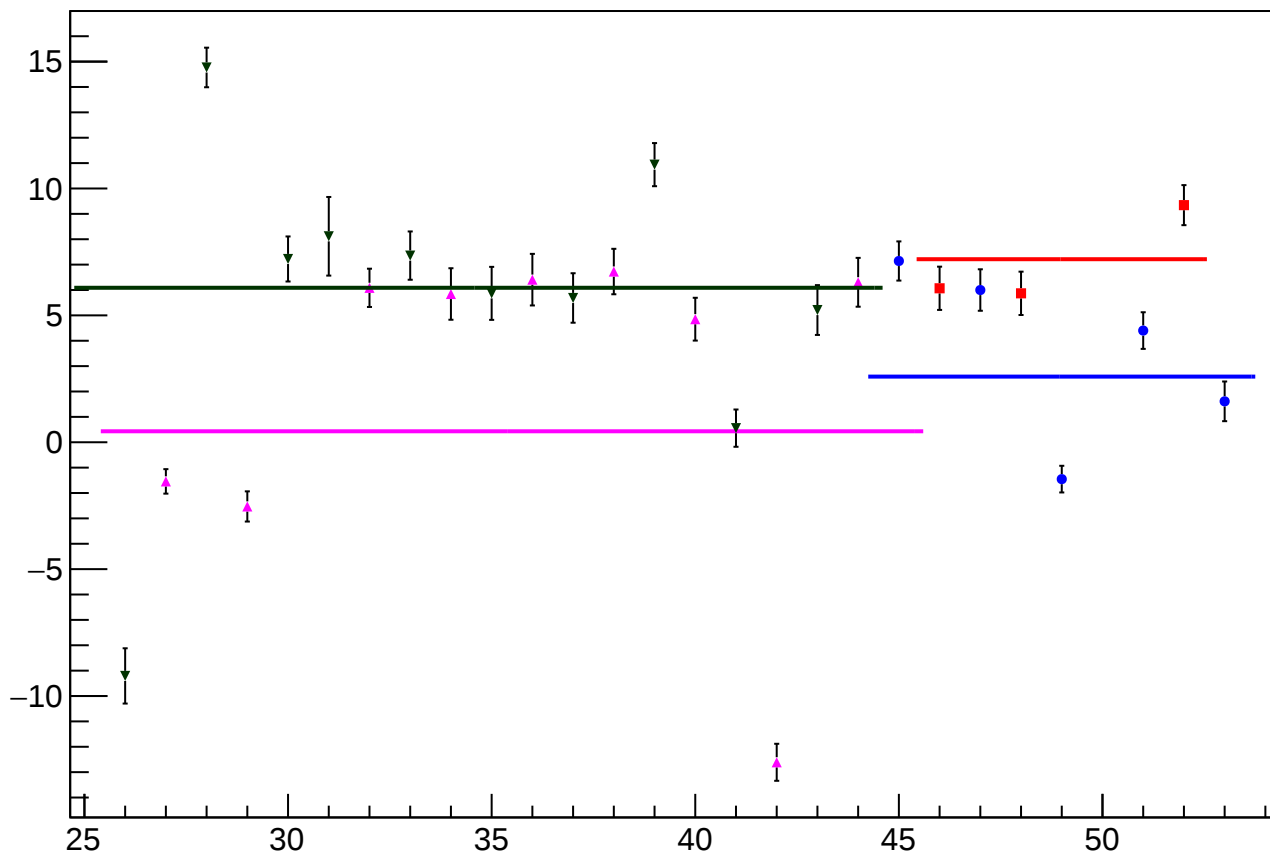
Right Out: -64.982 $\pm$ 0.064 χ^2/NDF : 1928.4/2

Left In: -64.419 $\pm$ 0.036 χ^2/NDF : 25021.8/8

-66.123 $\pm$ 0.029 χ^2/NDF : 7550.6/14

-64.555 $\pm$ 0.031 χ^2/NDF : 27009.0/11

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 2.587 $\pm$ 0.311 χ^2/NDF : 119.2/4

Left Out: 6.087 $\pm$ 0.295 χ^2/NDF : 416.6/9

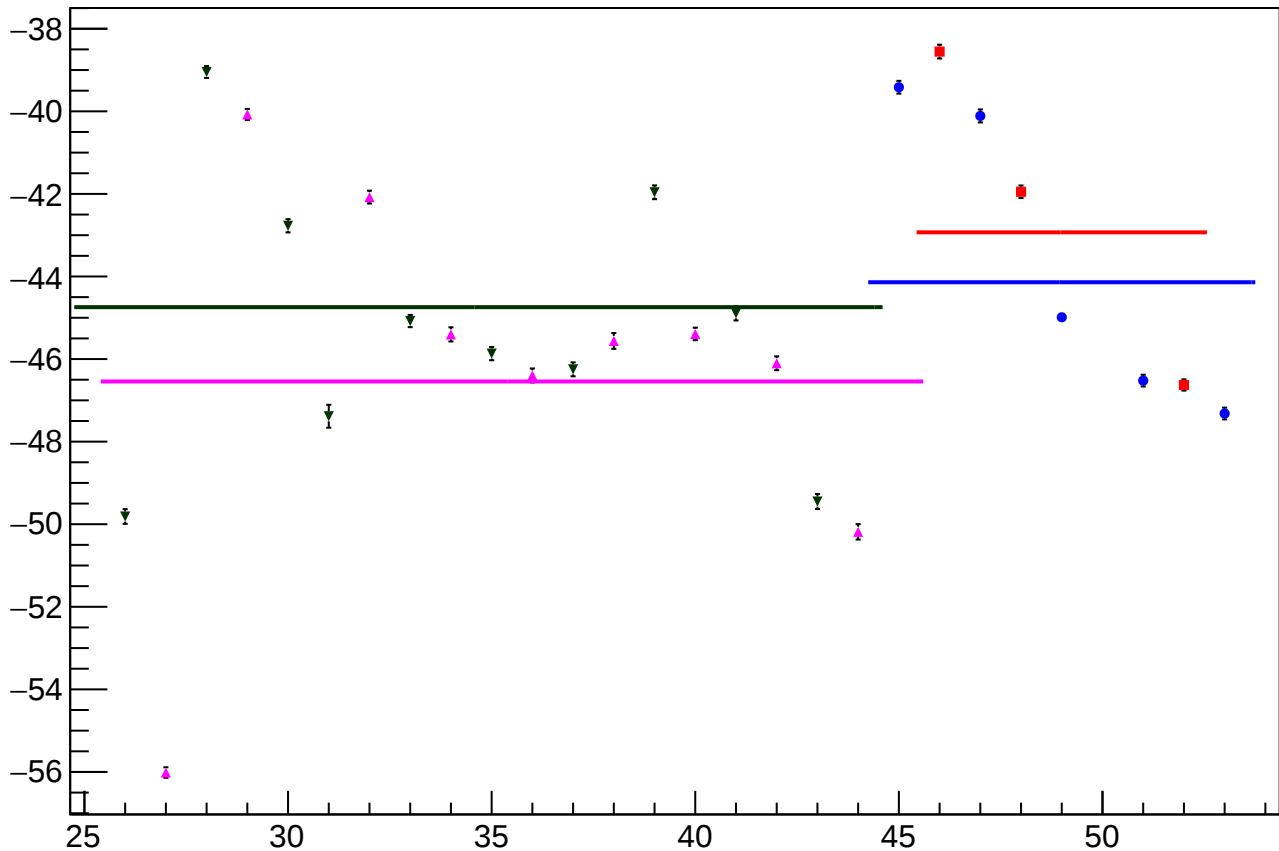
Right Out: 7.213 $\pm$ 0.479 χ^2/NDF : 11.6/2

Left In: 0.432 $\pm$ 0.247 χ^2/NDF : 594.6/8

4.431 $\pm$ 0.214 χ^2/NDF : 602.7/14

1.853 $\pm$ 0.219 χ^2/NDF : 764.5/11

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -44.139+/-0.060 χ^2/NDF : 2435.3/4

Left Out: -44.743+/-0.053 χ^2/NDF : 3703.9/9

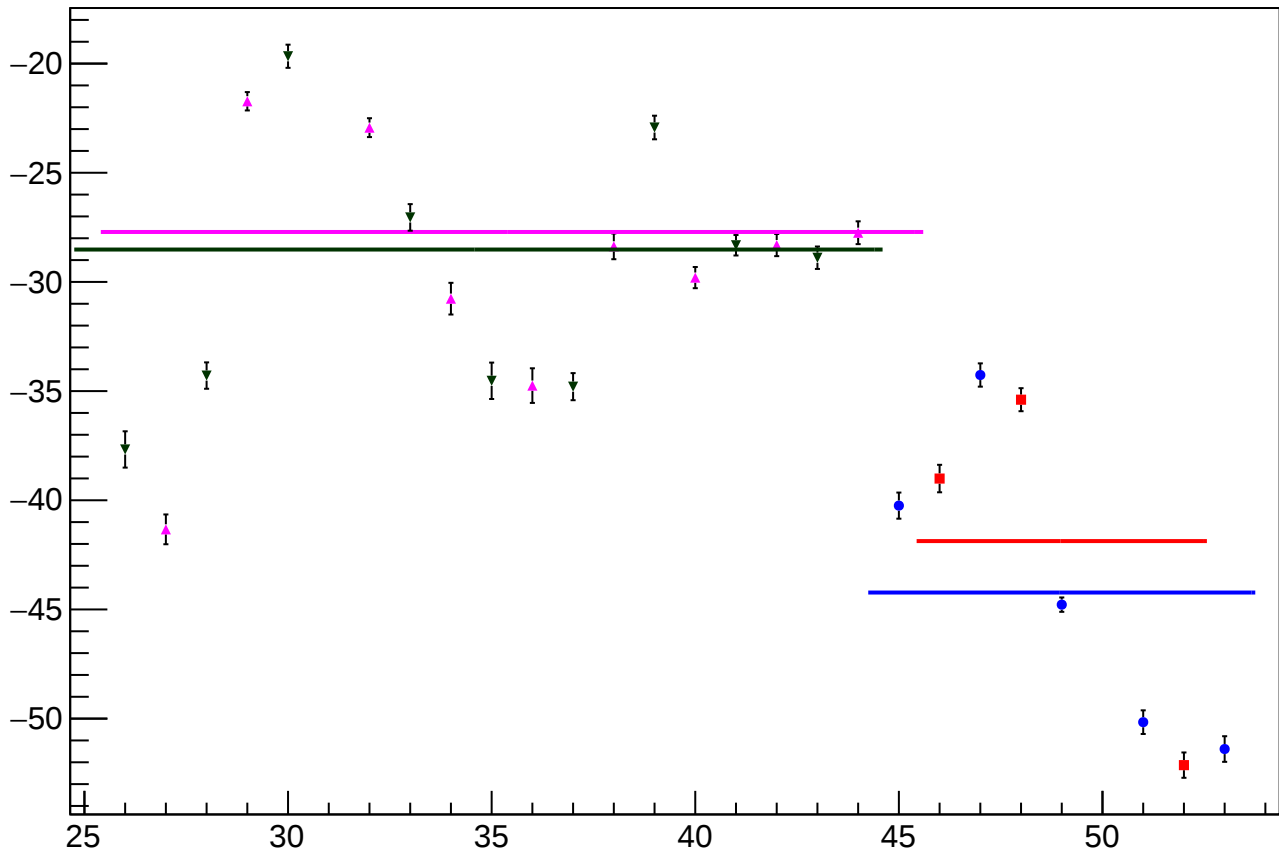
Right Out: -42.931+/-0.087 χ^2/NDF : 1459.2/2

Left In: -46.543+/-0.052 χ^2/NDF : 9214.0/8

-44.474+/-0.040 χ^2/NDF : 6195.9/14

-45.577+/-0.045 χ^2/NDF : 11940.6/11

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -44.225 ± 0.214 $\chi^2/\text{NDF}: 665.8/4$

Left Out: -28.516 ± 0.195 $\chi^2/\text{NDF}: 758.8/8$

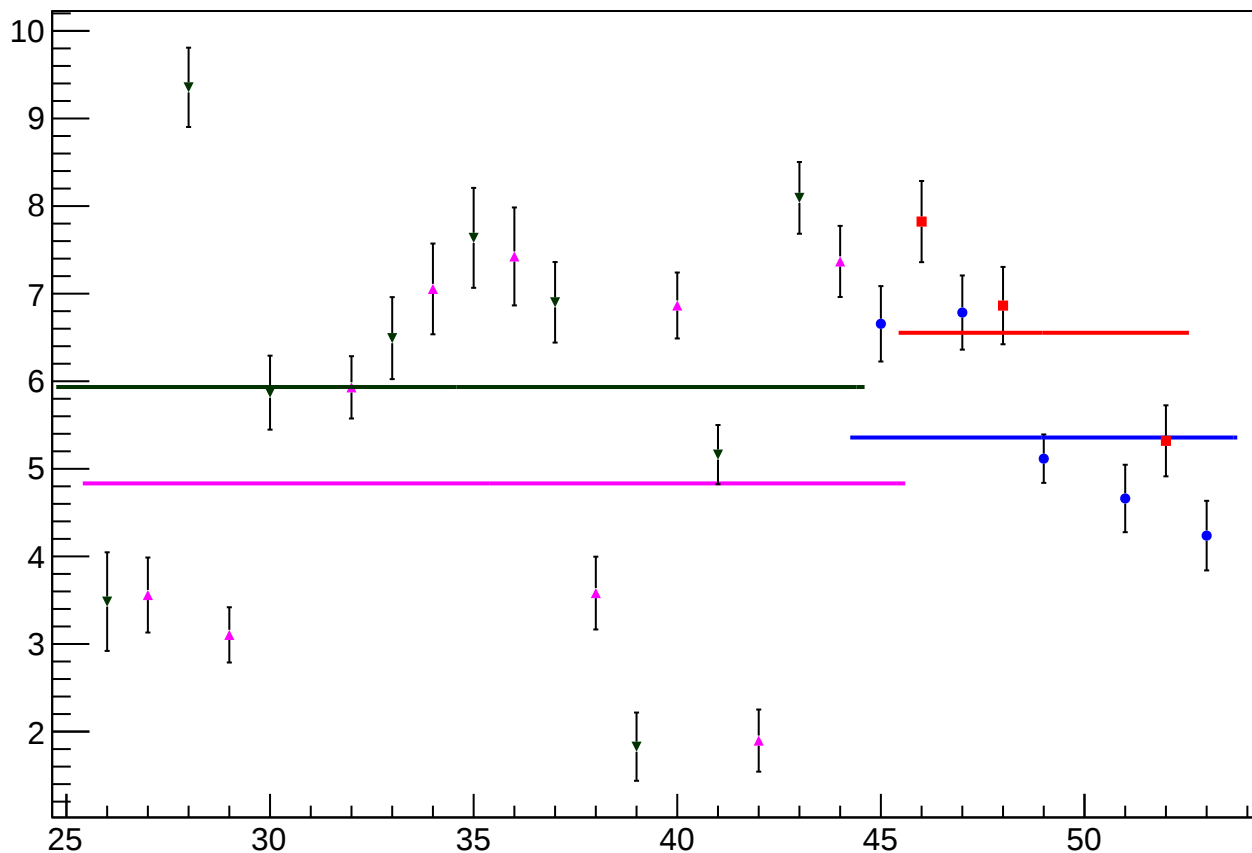
Right Out: -41.869 ± 0.332 $\chi^2/\text{NDF}: 484.4/2$

Left In: -27.712 ± 0.179 $\chi^2/\text{NDF}: 841.0/8$

-35.655 ± 0.144 $\chi^2/\text{NDF}: 4368.3/13$

-30.895 ± 0.157 $\chi^2/\text{NDF}: 2737.6/11$

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.358 ± 0.164 χ^2/NDF : 32.4/4

Left Out: 5.934 ± 0.145 χ^2/NDF : 234.9/8

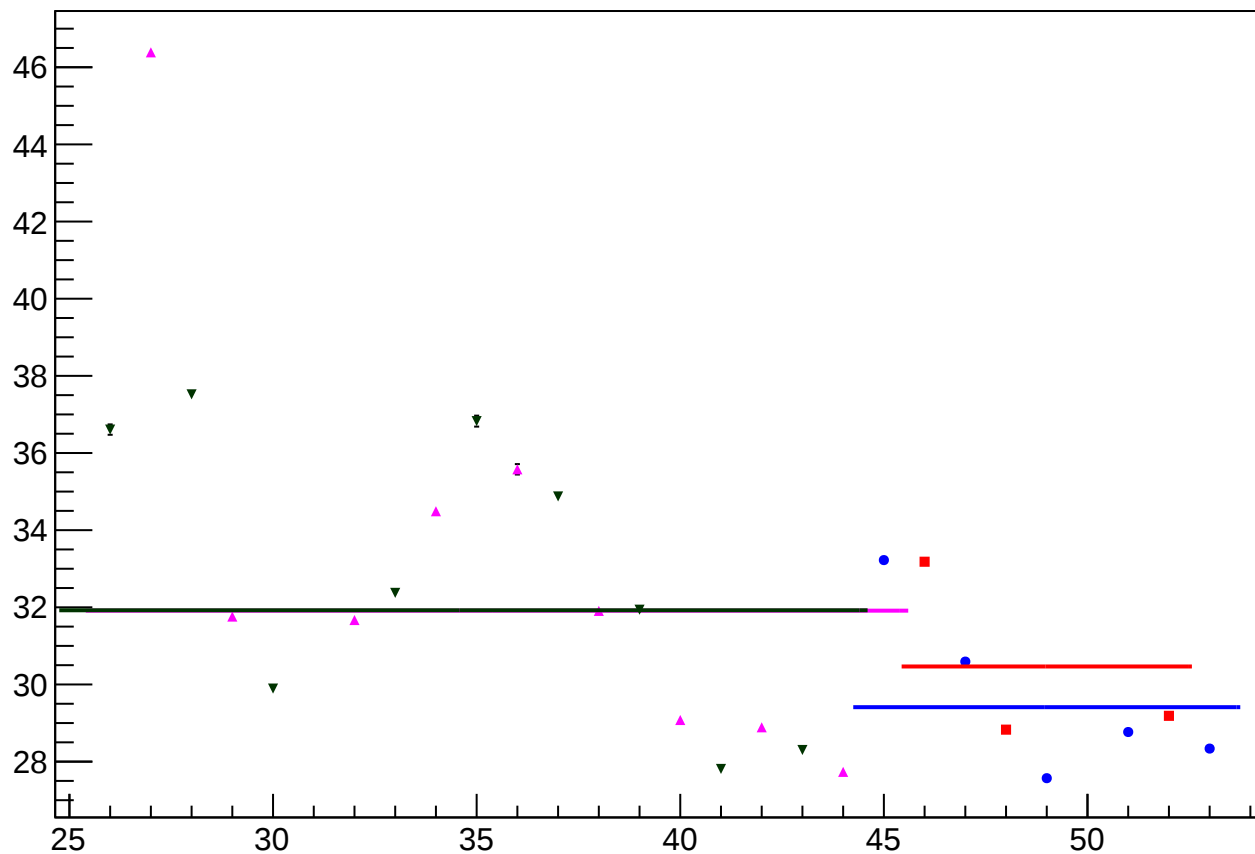
Right Out: 6.553 ± 0.251 χ^2/NDF : 17.3/2

Left In: 4.834 ± 0.132 χ^2/NDF : 234.0/8

5.680 ± 0.109 χ^2/NDF : 274.3/13

5.207 ± 0.117 χ^2/NDF : 288.0/11

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.411+/-0.039 χ^2/NDF : 2672.3/4

Left Out: 31.923+/-0.033 χ^2/NDF : 10913.1/8

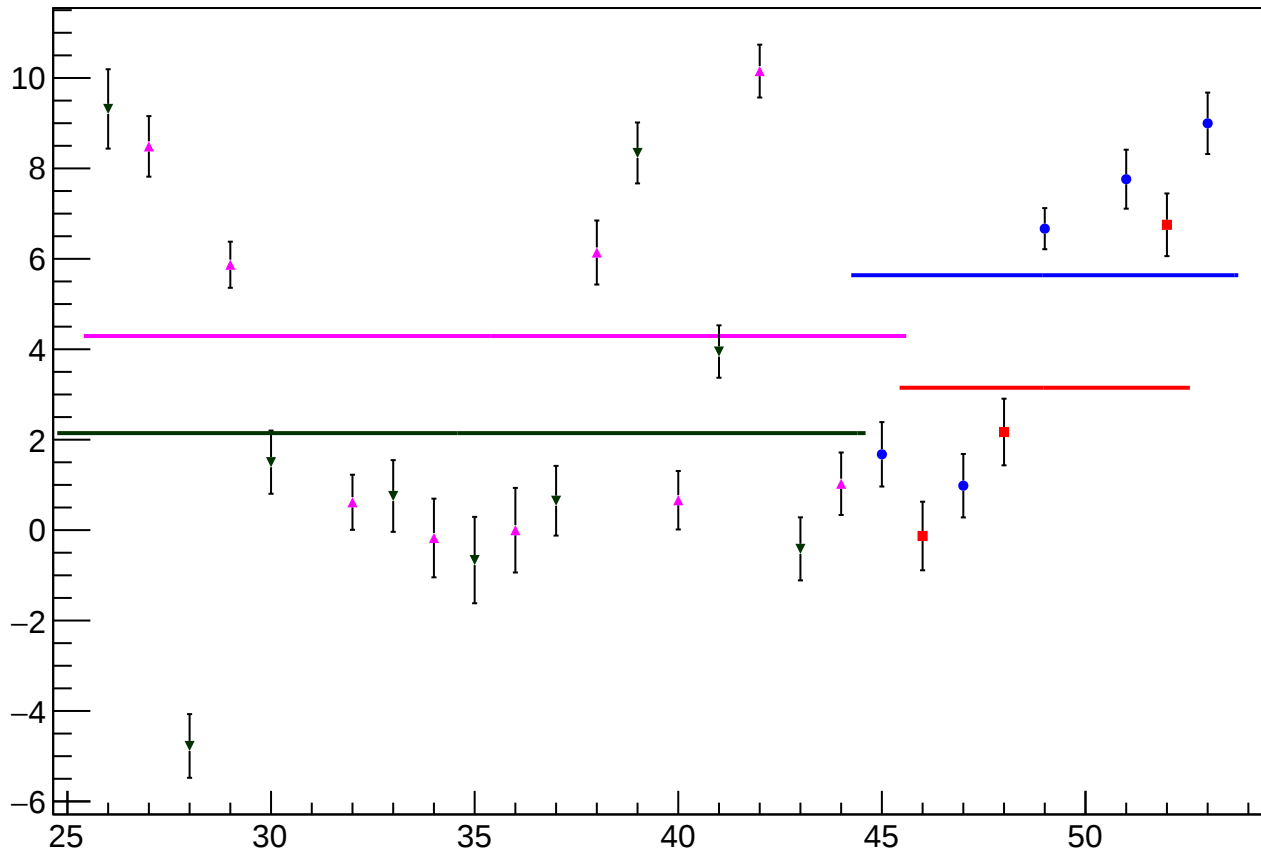
Right Out: 30.466+/-0.056 χ^2/NDF : 1285.6/2

Left In: 31.913+/-0.031 χ^2/NDF : 20132.9/8

30.895+/-0.025 χ^2/NDF : 16022.8/13

31.579+/-0.027 χ^2/NDF : 21935.6/11

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 5.638 $\pm$ 0.274 χ^2 /NDF: 115.1/4

Left Out: 2.145 $\pm$ 0.243 χ^2 /NDF:287.5/8

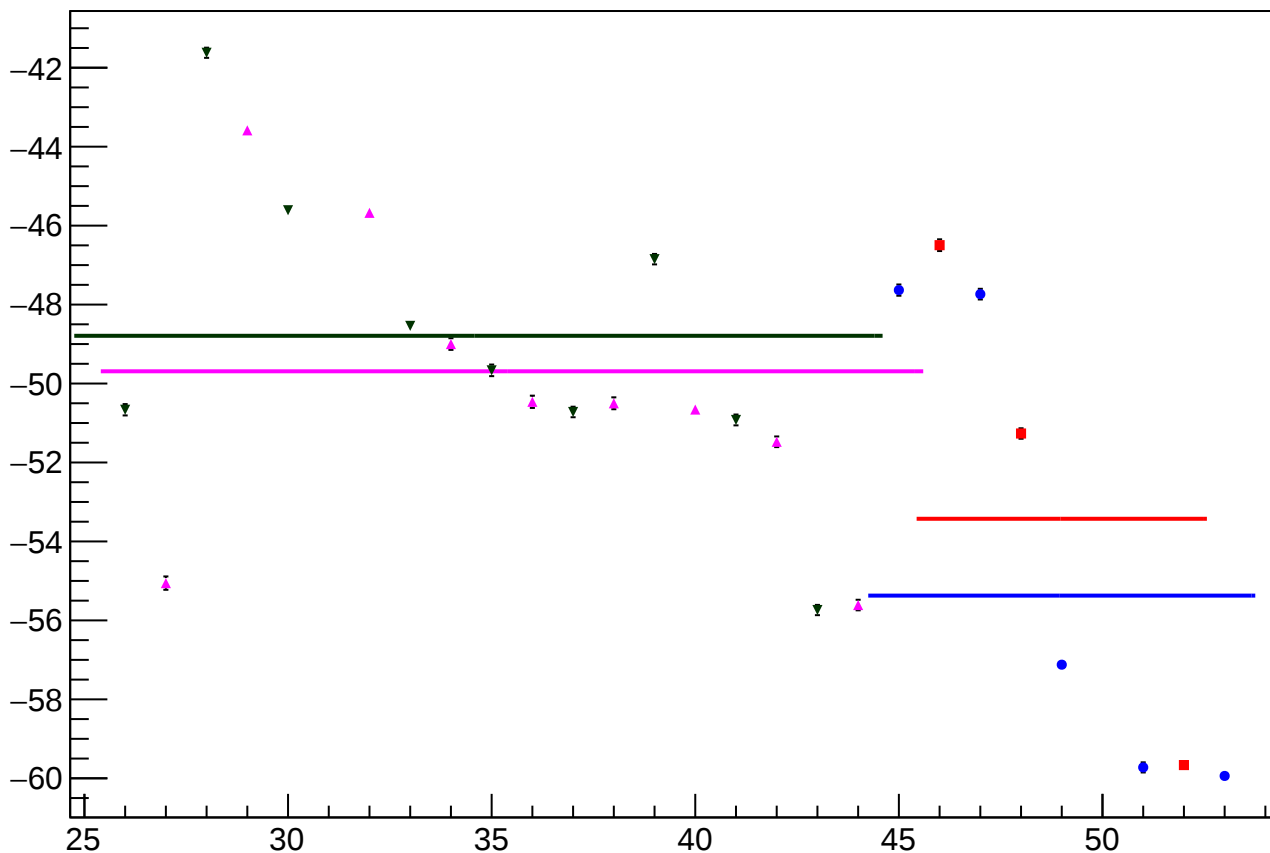
Right Out: 3.149 $\pm$ 0.420 χ^2 /NDF: 47.5/2

Left In: 4.293 $\pm$ 0.220 χ^2 /NDF:293.8/8

3.683 $\pm$ 0.182 χ^2 /NDF: 493.6/13

4.047 $\pm$ 0.195 χ^2 /NDF: 347.1/11

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -55.372 ± 0.053 χ^2/NDF : 9049.4/4

Left Out: -48.791 ± 0.044 χ^2/NDF : 7464.7/8

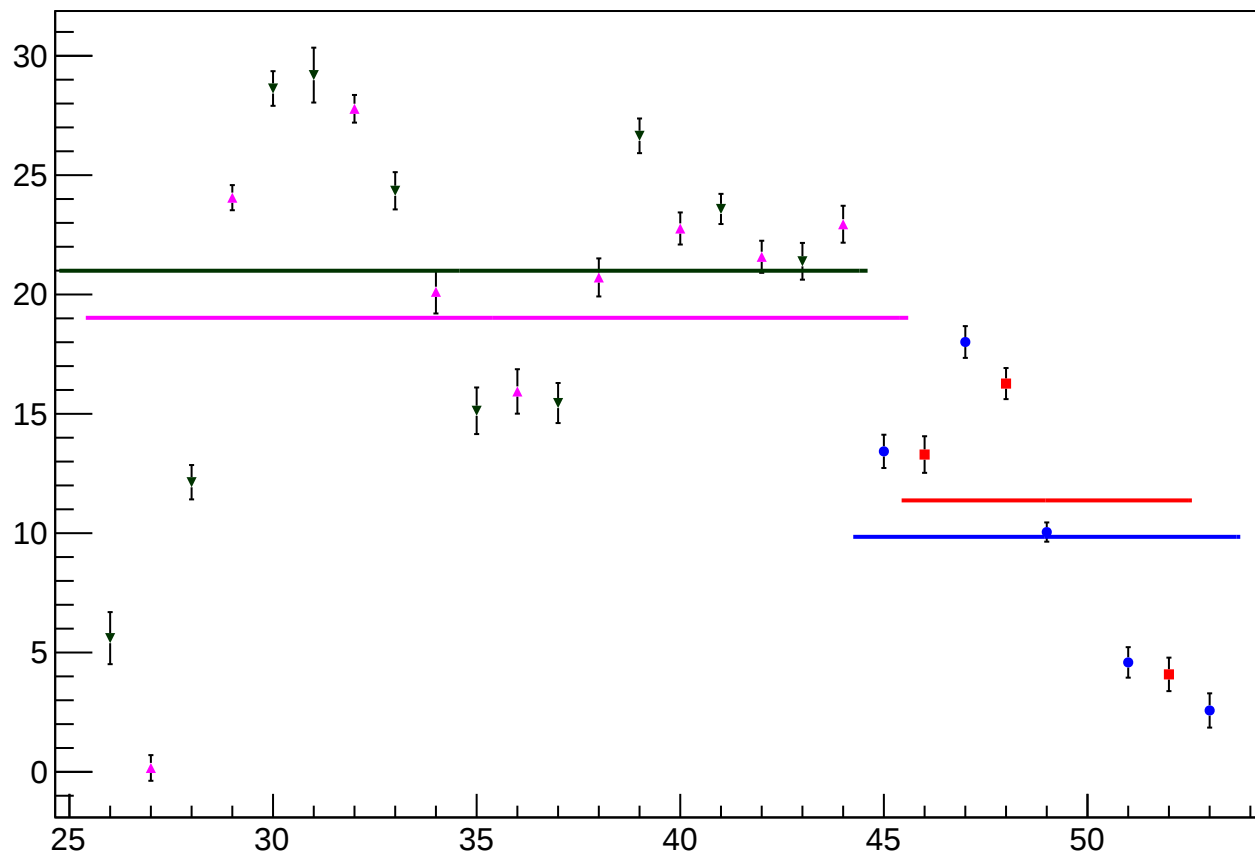
Right Out: -53.426 ± 0.076 χ^2/NDF : 5155.4/2

Left In: -49.690 ± 0.045 χ^2/NDF : 7145.5/8

-51.528 ± 0.034 χ^2/NDF : 25687.8/13

-50.658 ± 0.039 χ^2/NDF : 14077.4/11

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 9.847 ± 0.259 $\chi^2/\text{NDF}: 347.5/4$

Left Out: 20.996 ± 0.253 $\chi^2/\text{NDF}: 688.0/9$

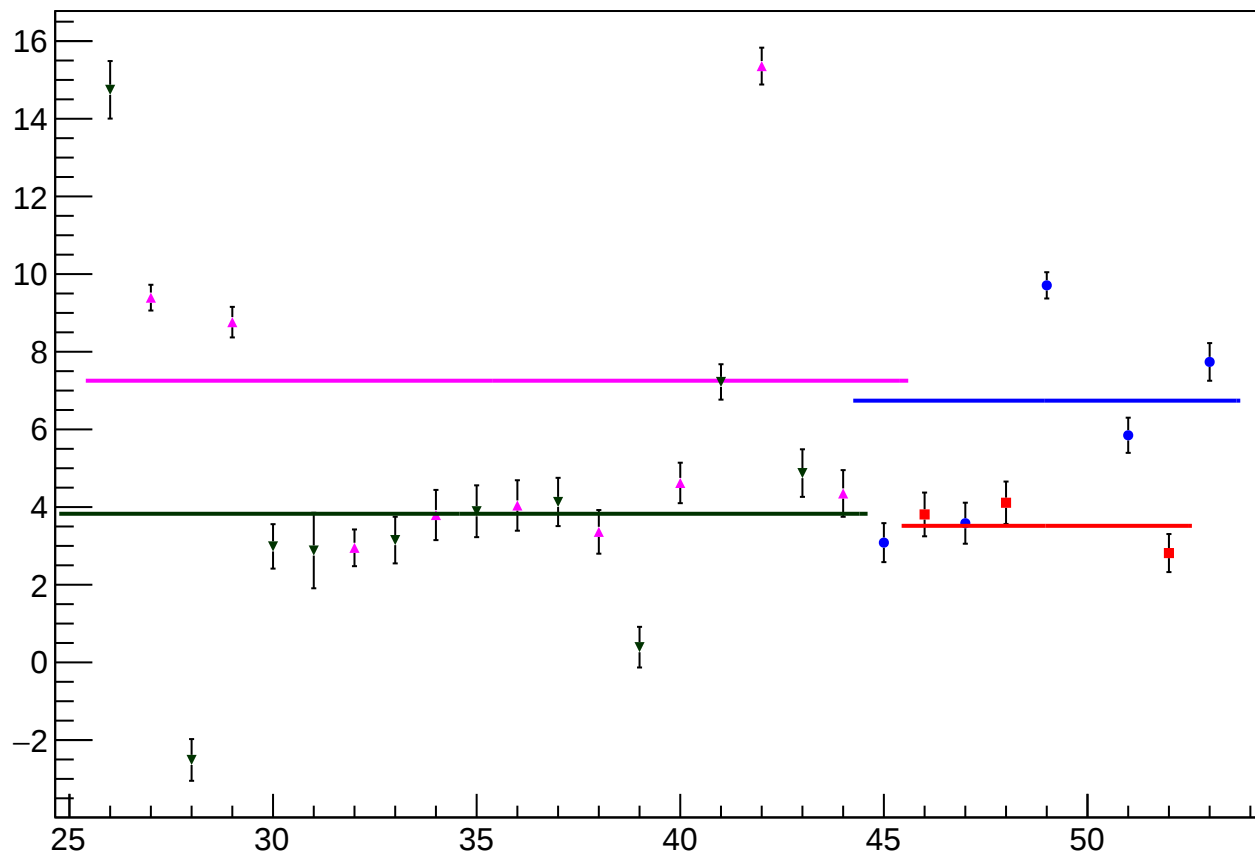
Right Out: 11.373 ± 0.405 $\chi^2/\text{NDF}: 170.7/2$

Left In: 19.023 ± 0.223 $\chi^2/\text{NDF}: 1636.4/8$

15.563 ± 0.181 $\chi^2/\text{NDF}: 1981.9/14$

17.243 ± 0.196 $\chi^2/\text{NDF}: 2080.5/11$

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 6.740 ± 0.198 χ^2/NDF : 173.9/4

Left Out: 3.828 ± 0.189 χ^2/NDF : 462.3/9

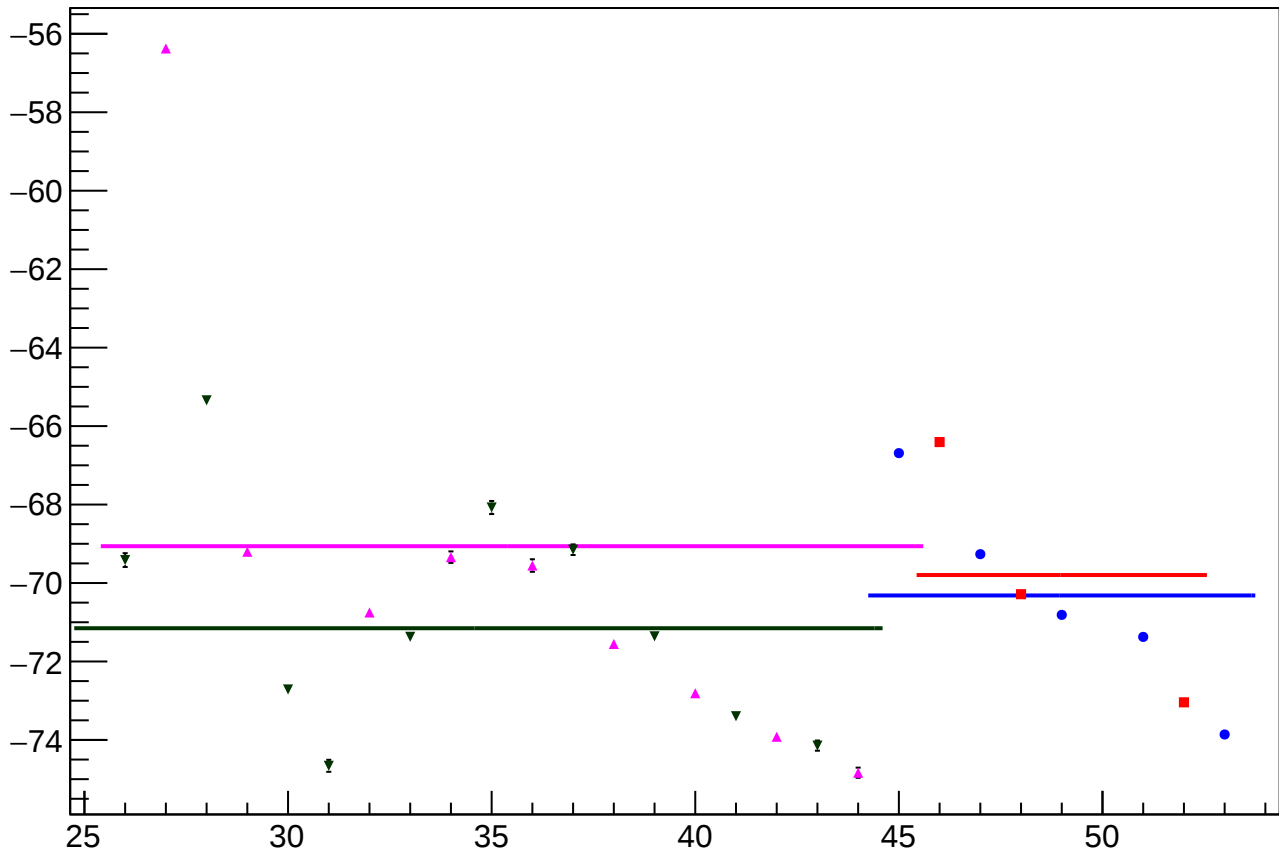
Right Out: 3.517 ± 0.306 χ^2/NDF : 3.5/2

Left In: 7.254 ± 0.160 χ^2/NDF : 580.6/8

5.210 ± 0.137 χ^2/NDF : 749.5/14

6.448 ± 0.142 χ^2/NDF : 701.0/11

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -70.317 ± 0.047 χ^2/NDF : 2074.2/4

Left Out: -71.152 ± 0.042 χ^2/NDF : 4395.4/9

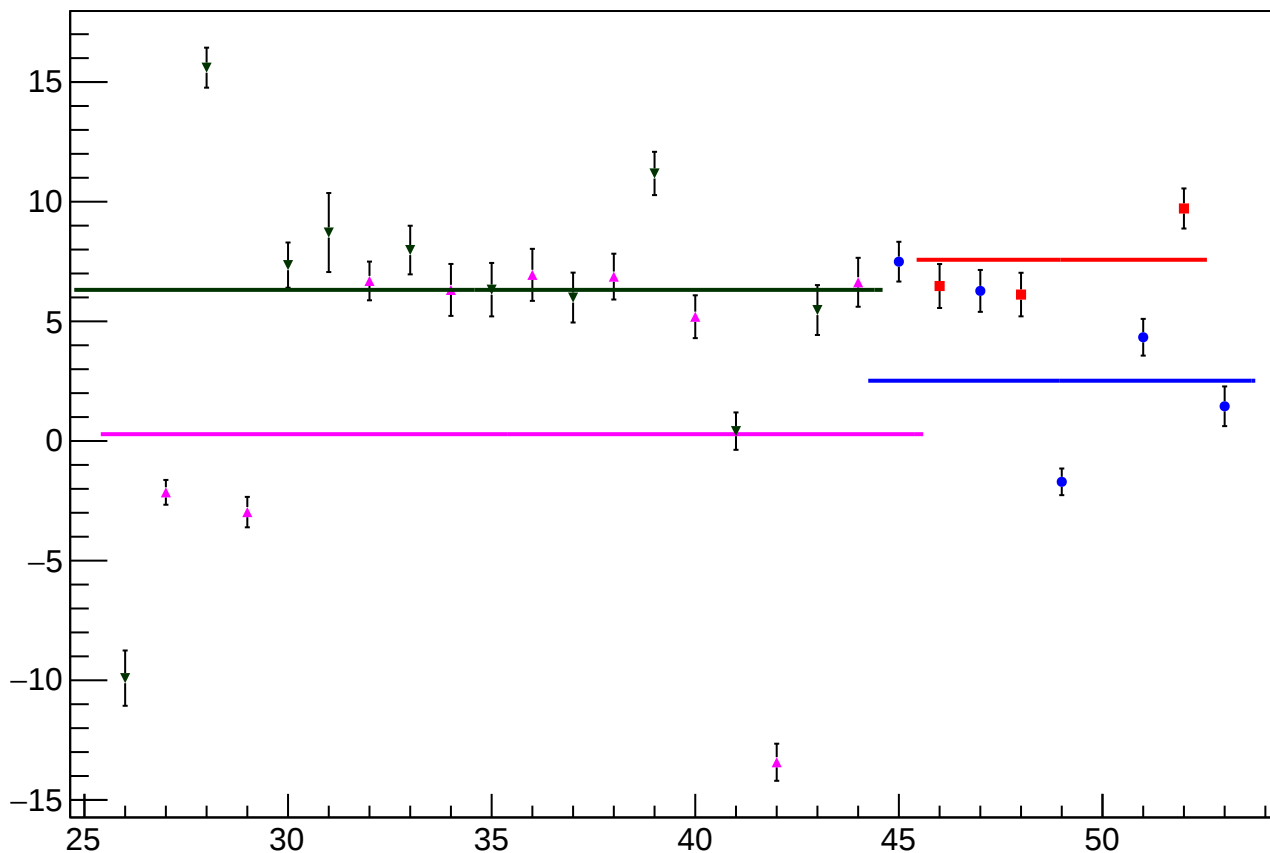
Right Out: -69.796 ± 0.068 χ^2/NDF : 1597.4/2

Left In: -69.062 ± 0.039 χ^2/NDF : 22617.7/8

-70.786 ± 0.031 χ^2/NDF : 6644.5/14

-69.239 ± 0.034 χ^2/NDF : 24302.9/11

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 2.519 $\pm$ 0.331 χ^2 /NDF: 119.1/4

Left Out: 6.315 $\pm$ 0.314 χ^2 /NDF: 413.3/9

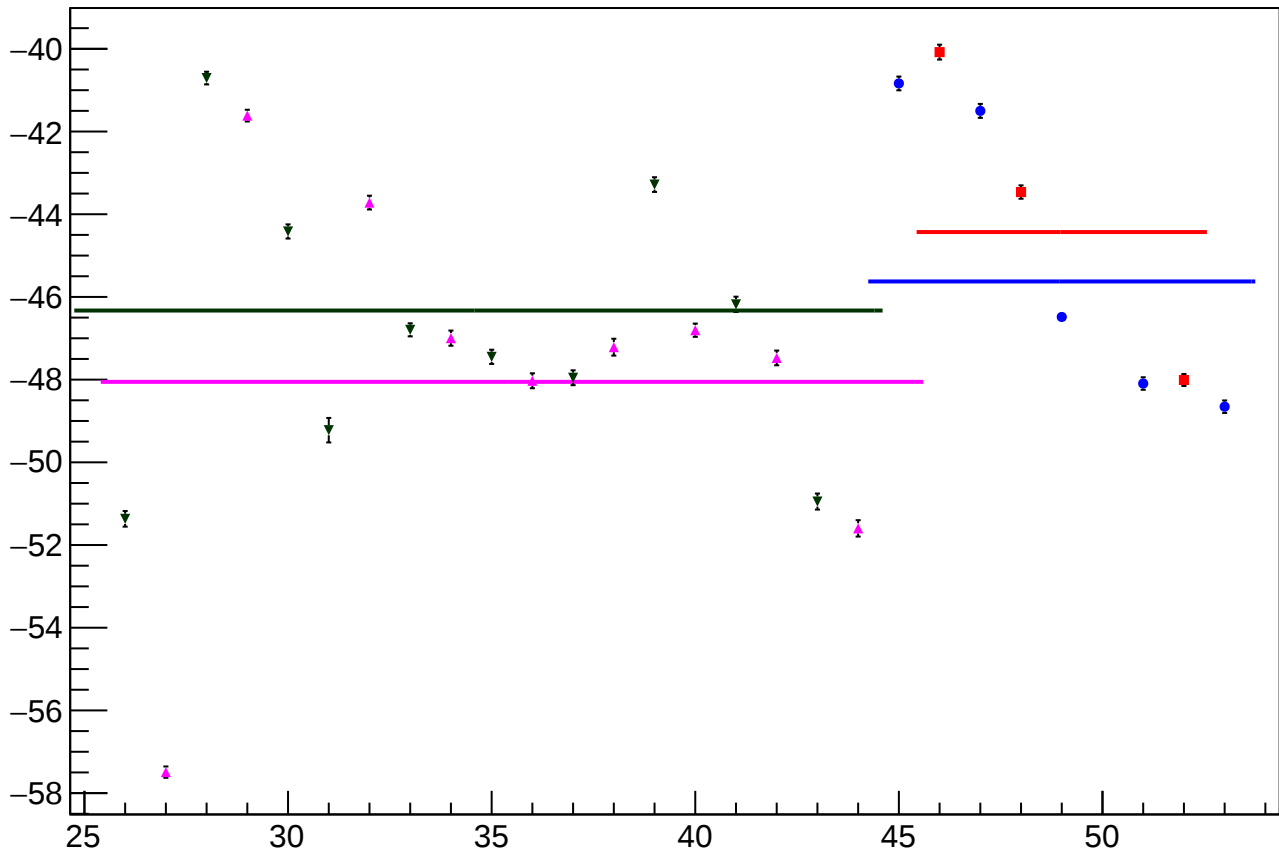
Right Out: 7.573 $\pm$ 0.512 χ^2 /NDF: 10.5/2

Left In: 0.285 $\pm$ 0.264 χ^2 /NDF: 608.0/8

4.516 $\pm$ 0.228 χ^2 /NDF: 601.6/14

1.814 $\pm$ 0.234 χ^2 /NDF: 778.8/11

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.626 ± 0.063 χ^2/NDF : 2158.2/4

Left Out: -46.329 ± 0.057 χ^2/NDF : 3263.4/9

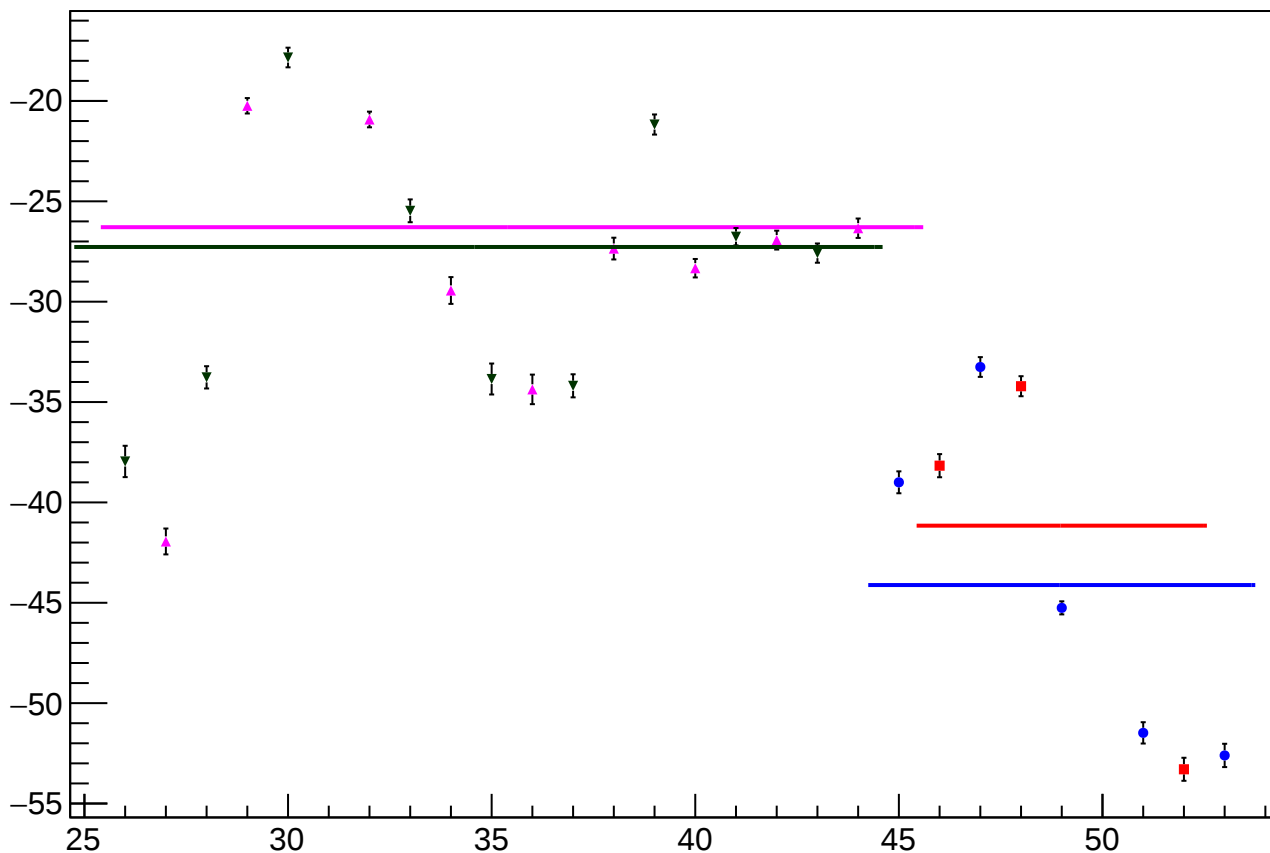
Right Out: -44.431 ± 0.093 χ^2/NDF : 1227.8/2

Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-46.015 ± 0.042 χ^2/NDF : 5489.5/14

-47.084 ± 0.048 χ^2/NDF : 10260.9/11

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -44.116+/-0.207 χ^2/NDF : 993.5/4

Left Out: -27.275+/-0.181 χ^2/NDF : 1073.3/8

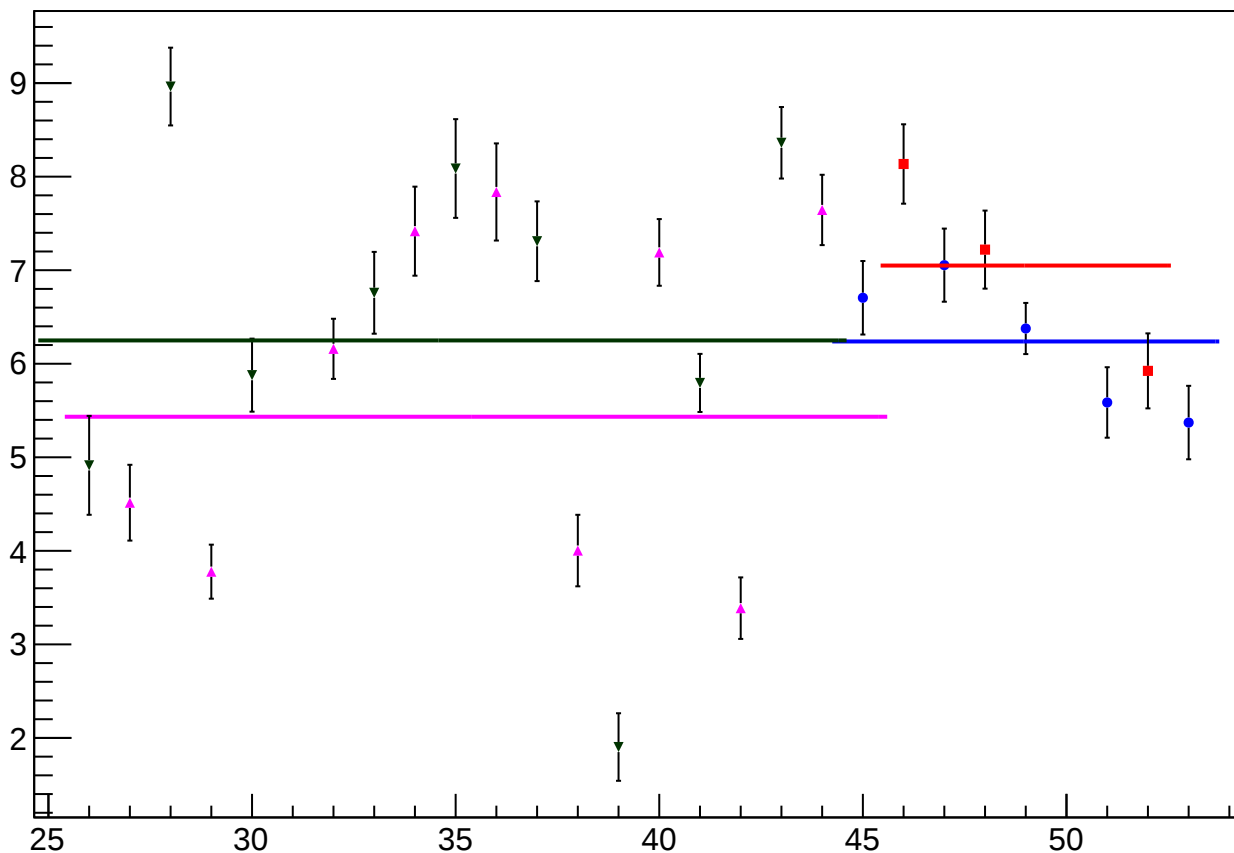
Right Out: -41.158+/-0.315 χ^2/NDF : 668.6/2

Left In: -26.289+/-0.165 χ^2/NDF : 1194.5/8

-34.580+/-0.136 χ^2/NDF : 5830.6/13

-29.486+/-0.146 χ^2/NDF : 3610.4/11

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.238+/-0.158 χ^2/NDF : 13.9/4

Left Out: 6.249+/-0.135 χ^2/NDF : 247.2/8

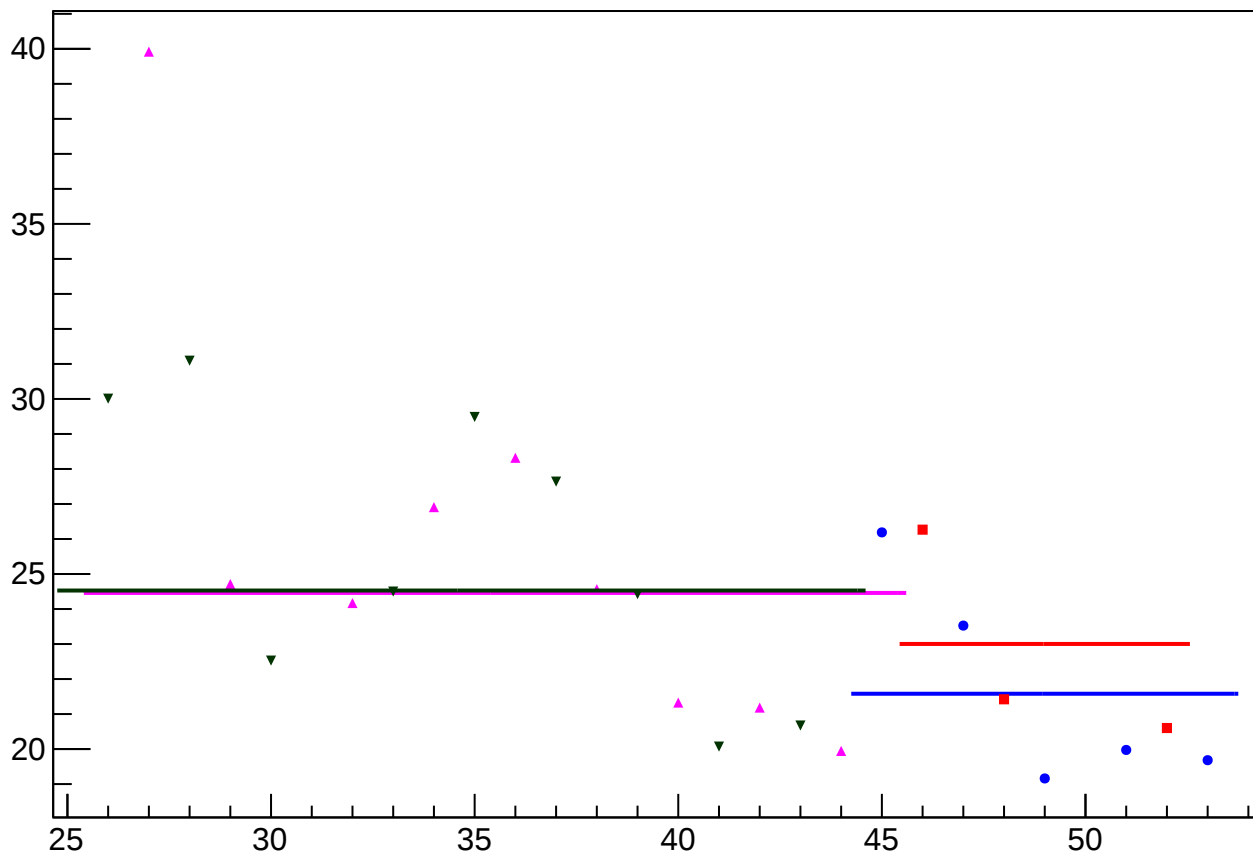
Right Out: 7.050+/-0.239 χ^2/NDF : 14.6/2

Left In: 5.433+/-0.122 χ^2/NDF : 193.5/8

6.245+/-0.103 χ^2/NDF : 261.1/13

5.769+/-0.109 χ^2/NDF : 244.4/11

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 21.580+/-0.038 χ^2/NDF : 5309.6/4

Left Out: 24.528+/-0.030 χ^2/NDF : 15447.7/8

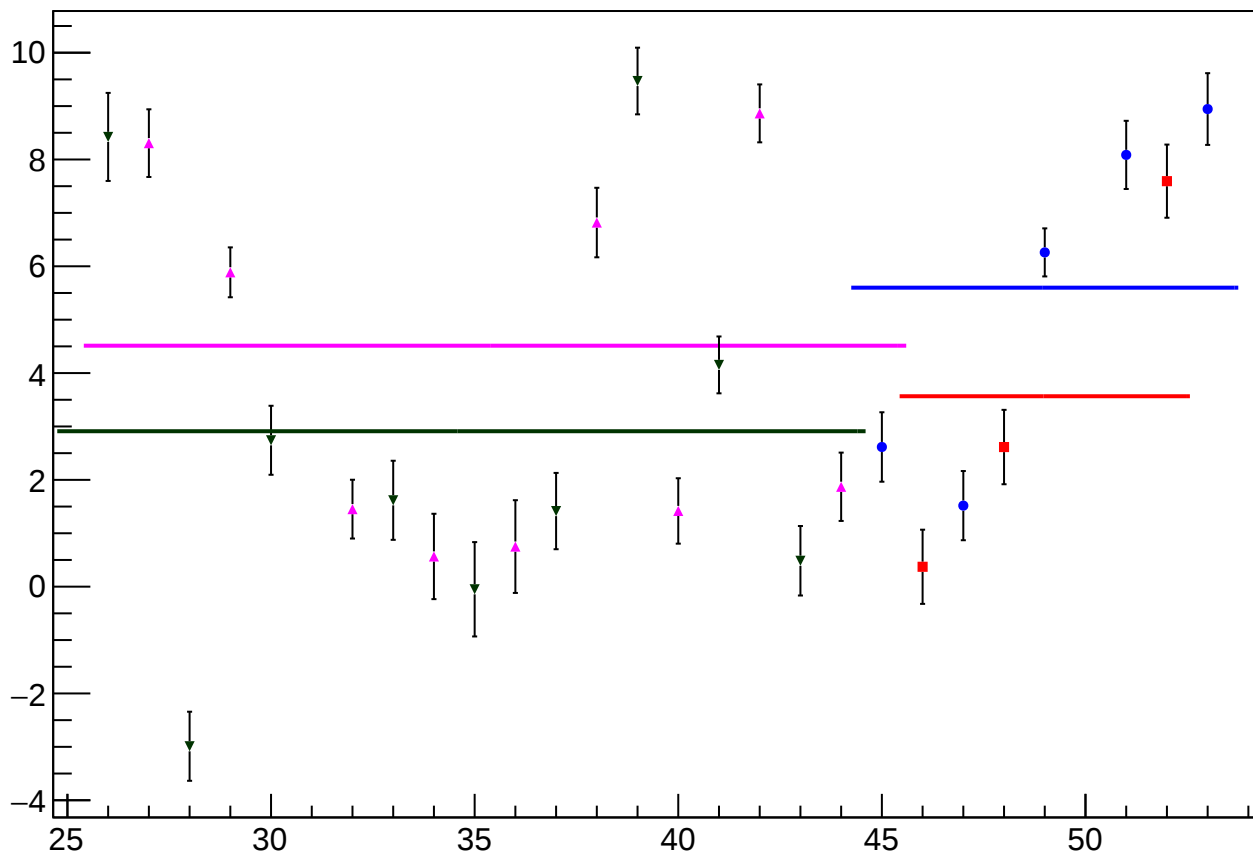
Right Out: 23.002+/-0.053 χ^2/NDF : 2324.5/2

Left In: 24.460+/-0.028 χ^2/NDF : 26092.2/8

23.374+/-0.023 χ^2/NDF : 24507.1/13

24.136+/-0.025 χ^2/NDF : 29009.7/11

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 5.600 $\pm$ 0.264 χ^2 /NDF: 102.9/4

Left Out: 2.911 $\pm$ 0.225 χ^2 /NDF: 276.3/8

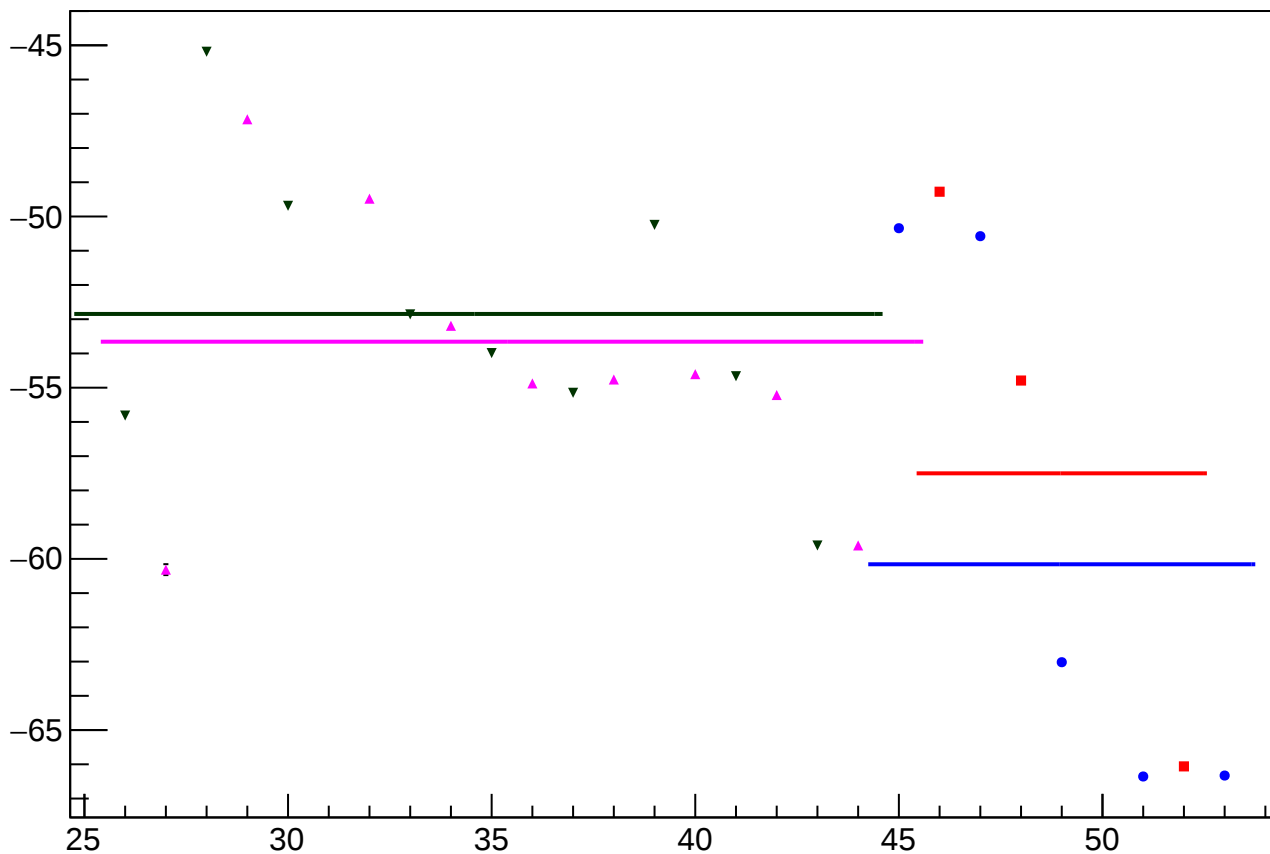
Right Out: 3.566 $\pm$ 0.400 χ^2 /NDF: 57.6/2

Left In: 4.513 $\pm$ 0.204 χ^2 /NDF: 238.0/8

4.042 $\pm$ 0.171 χ^2 /NDF: 439.3/13

4.318 $\pm$ 0.181 χ^2 /NDF: 300.0/11

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -60.158 ± 0.051 χ^2/NDF : 17640.4/4

Left Out: -52.846 ± 0.041 χ^2/NDF : 9528.4/8

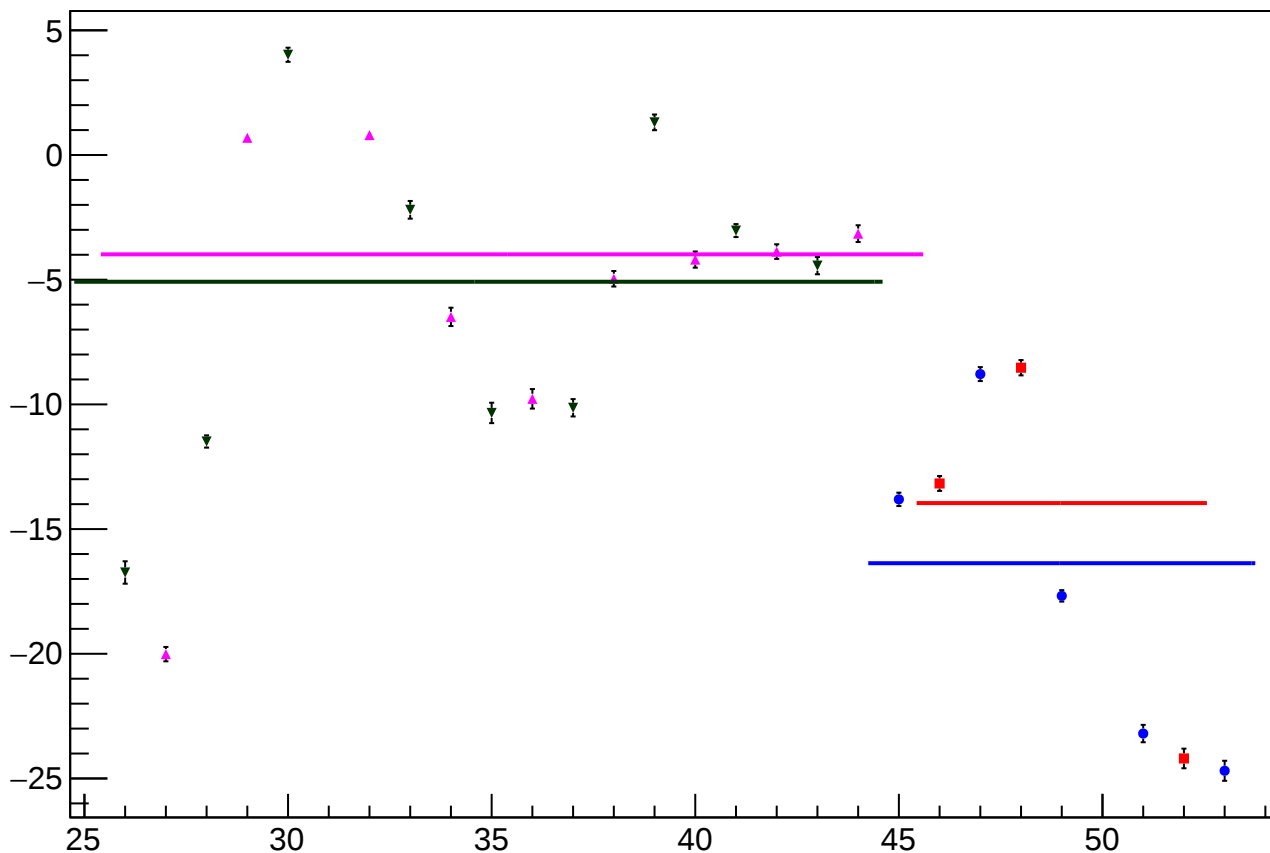
Right Out: -57.501 ± 0.073 χ^2/NDF : 9332.0/2

Left In: -53.657 ± 0.042 χ^2/NDF : 9586.0/8

-55.749 ± 0.032 χ^2/NDF : 39684.1/13

-54.604 ± 0.036 χ^2/NDF : 21004.7/11

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -16.368 $\pm$ 0.129 χ^2 /NDF: 1667.3/4

Left Out: -5.082 $\pm$ 0.106 χ^2 /NDF: 3296.2/8

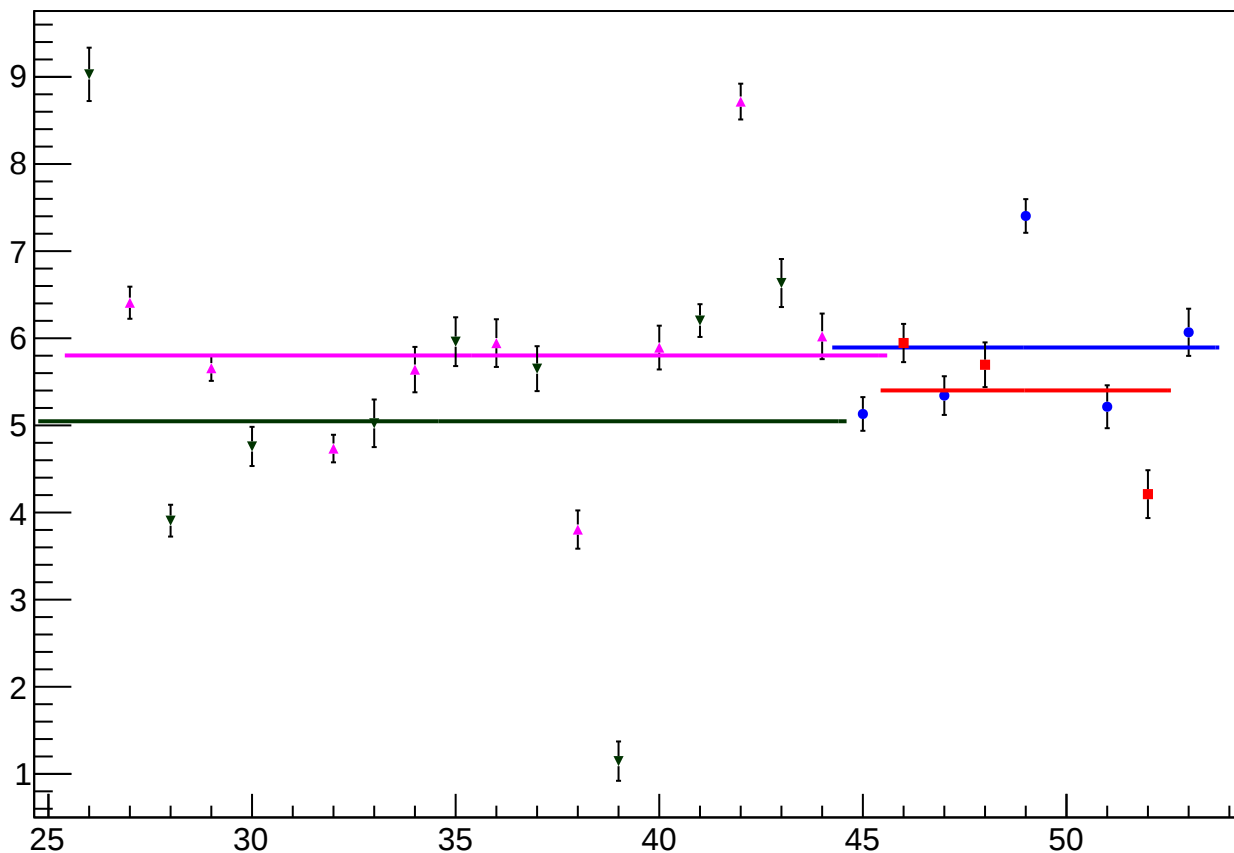
Right Out: -13.957 $\pm$ 0.188 χ^2 /NDF: 996.4/2

Left In: -3.984 $\pm$ 0.091 χ^2 /NDF: 4557.3/8

-9.617 $\pm$ 0.082 χ^2 /NDF: 9527.7/13

-5.892 $\pm$ 0.082 χ^2 /NDF: 7826.7/11

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.894+/-0.098 χ^2/NDF : 90.8/4

Left Out: 5.047+/-0.078 χ^2/NDF : 595.4/8

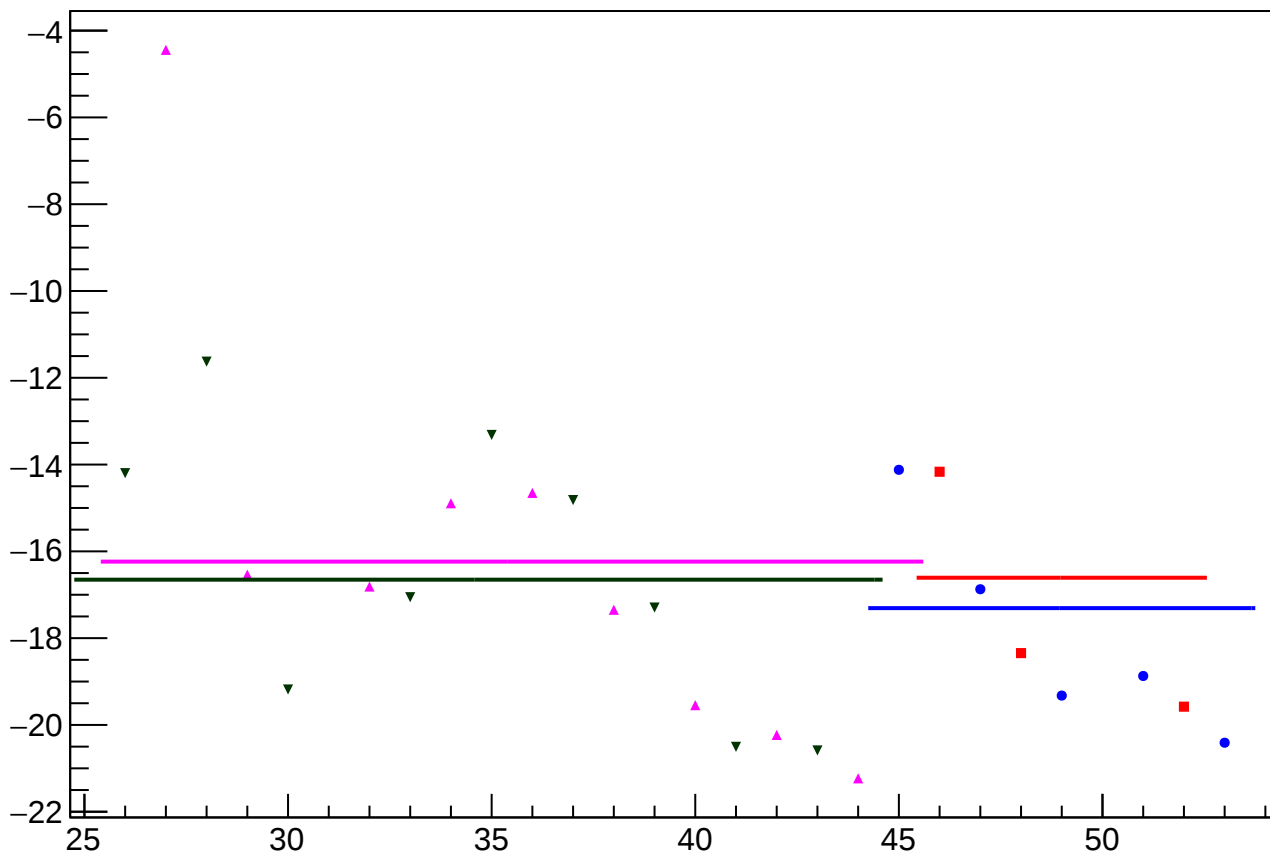
Right Out: 5.401+/-0.143 χ^2/NDF : 26.3/2

Left In: 5.803+/-0.067 χ^2/NDF : 343.0/8

5.377+/-0.061 χ^2/NDF : 731.7/13

5.729+/-0.061 χ^2/NDF : 375.7/11

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -17.308 $\pm$ 0.023 χ^2 /NDF: 10013.4/4

Left Out: -16.652 $\pm$ 0.018 χ^2 /NDF: 33114.0/8

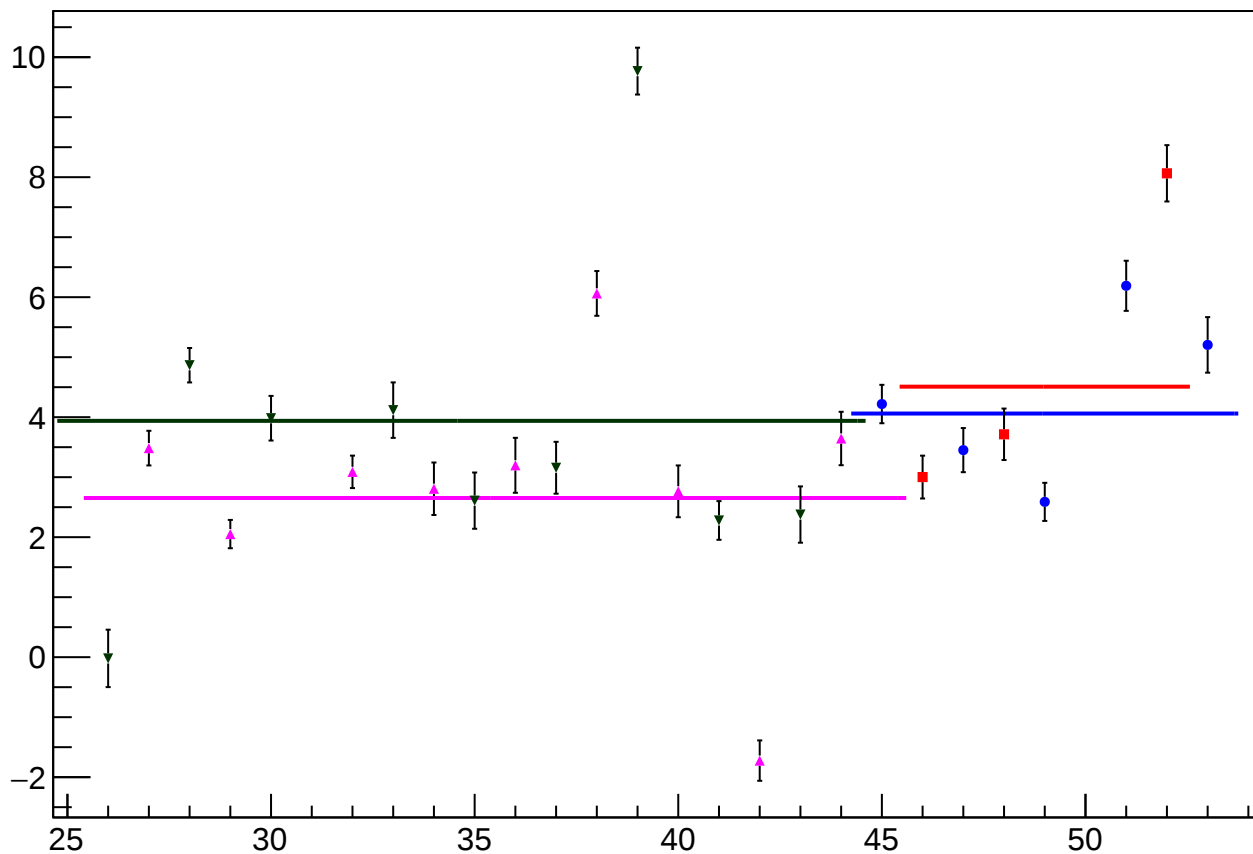
Right Out: -16.608 $\pm$ 0.031 χ^2 /NDF: 5864.5/2

Left In: -16.236 $\pm$ 0.016 χ^2 /NDF: 73668.6/8

-16.898 $\pm$ 0.014 χ^2 /NDF: 43640.4/13

-16.311 $\pm$ 0.014 χ^2 /NDF: 79647.6/11

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.061 $\pm$ 0.163 χ^2 /NDF: 56.6/4

Left Out: 3.939 $\pm$ 0.130 χ^2 /NDF: 350.7/8

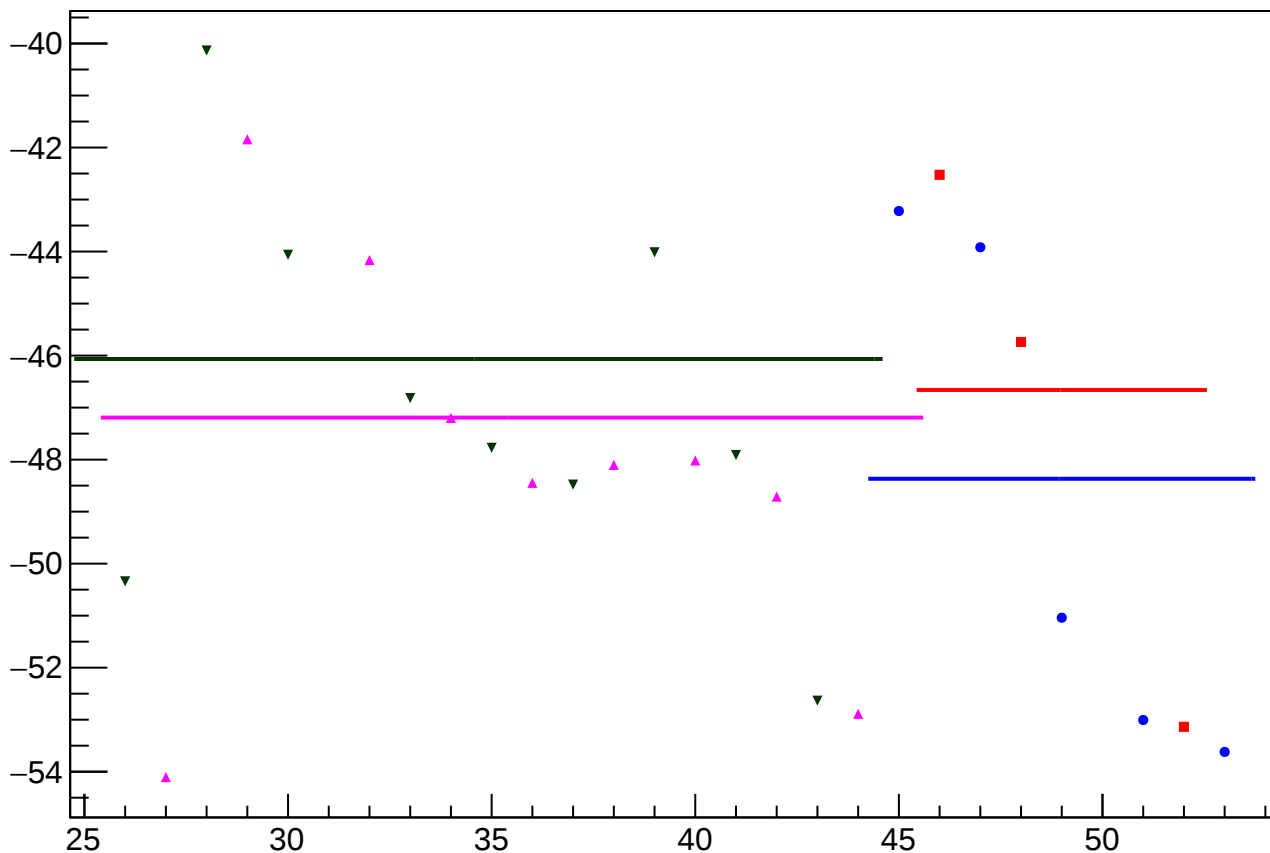
Right Out: 4.509 $\pm$ 0.237 χ^2 /NDF: 78.6/2

Left In: 2.653 $\pm$ 0.112 χ^2 /NDF: 276.7/8

3.986 $\pm$ 0.102 χ^2 /NDF: 407.6/13

2.991 $\pm$ 0.101 χ^2 /NDF: 405.5/11

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -48.368+/-0.032 χ^2/NDF : 19258.2/4

Left Out: -46.065+/-0.024 χ^2/NDF : 24343.4/8

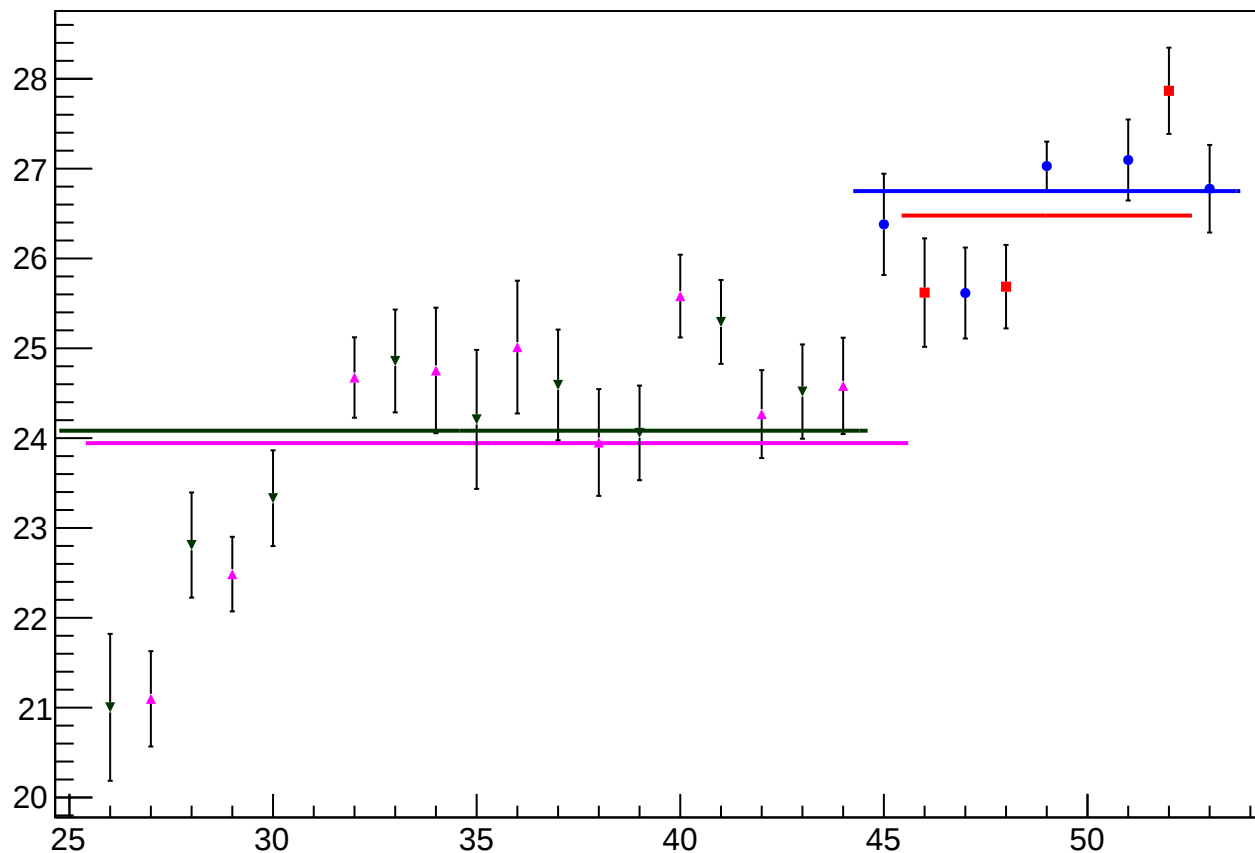
Right Out: -46.661+/-0.044 χ^2/NDF : 9939.1/2

Left In: -47.193+/-0.023 χ^2/NDF : 27379.6/8

-46.907+/-0.019 χ^2/NDF : 46958.7/13

-47.077+/-0.021 χ^2/NDF : 37431.5/11

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.750 $\pm$ 0.183 χ^2 /NDF: 7.1/4

Left Out: 24.083 $\pm$ 0.192 χ^2 /NDF:30.9/8

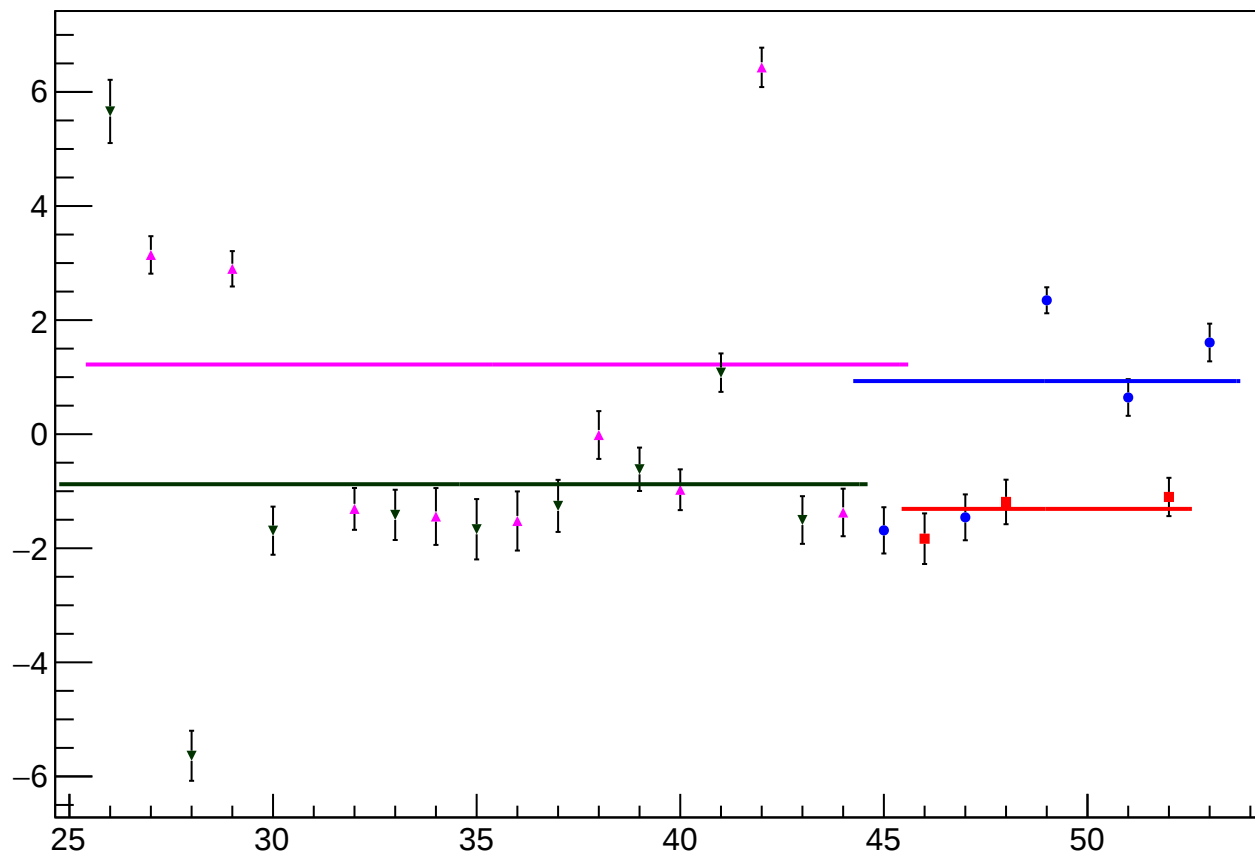
Right Out: 26.478 $\pm$ 0.292 χ^2 /NDF: 13.3/2

Left In: 23.944 $\pm$ 0.173 χ^2 /NDF:61.7/8

25.478 $\pm$ 0.133 χ^2 /NDF: 138.8/13

24.602 $\pm$ 0.149 χ^2 /NDF: 130.6/11

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 0.931 ± 0.141 $\chi^2/\text{NDF}: 120.5/4$

Left Out: -0.877 ± 0.143 $\chi^2/\text{NDF}: 301.4/8$

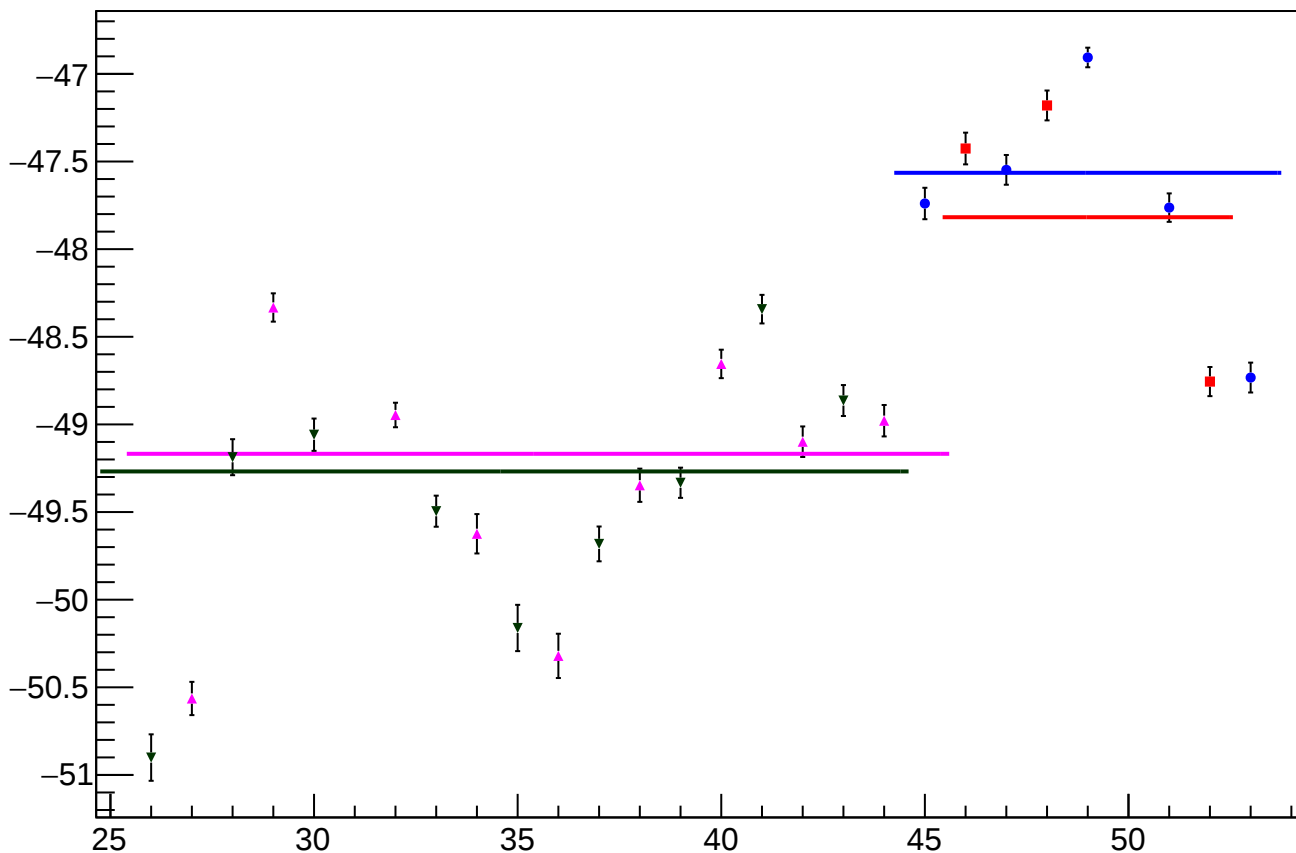
Right Out: -1.310 ± 0.221 $\chi^2/\text{NDF}: 1.9/2$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

0.039 ± 0.100 $\chi^2/\text{NDF}: 503.2/13$

0.596 ± 0.110 $\chi^2/\text{NDF}: 581.2/11$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.564 $\pm$ 0.034 χ^2 /NDF: 336.1/4

Left Out: -49.268 $\pm$ 0.032 χ^2 /NDF: 377.7/8

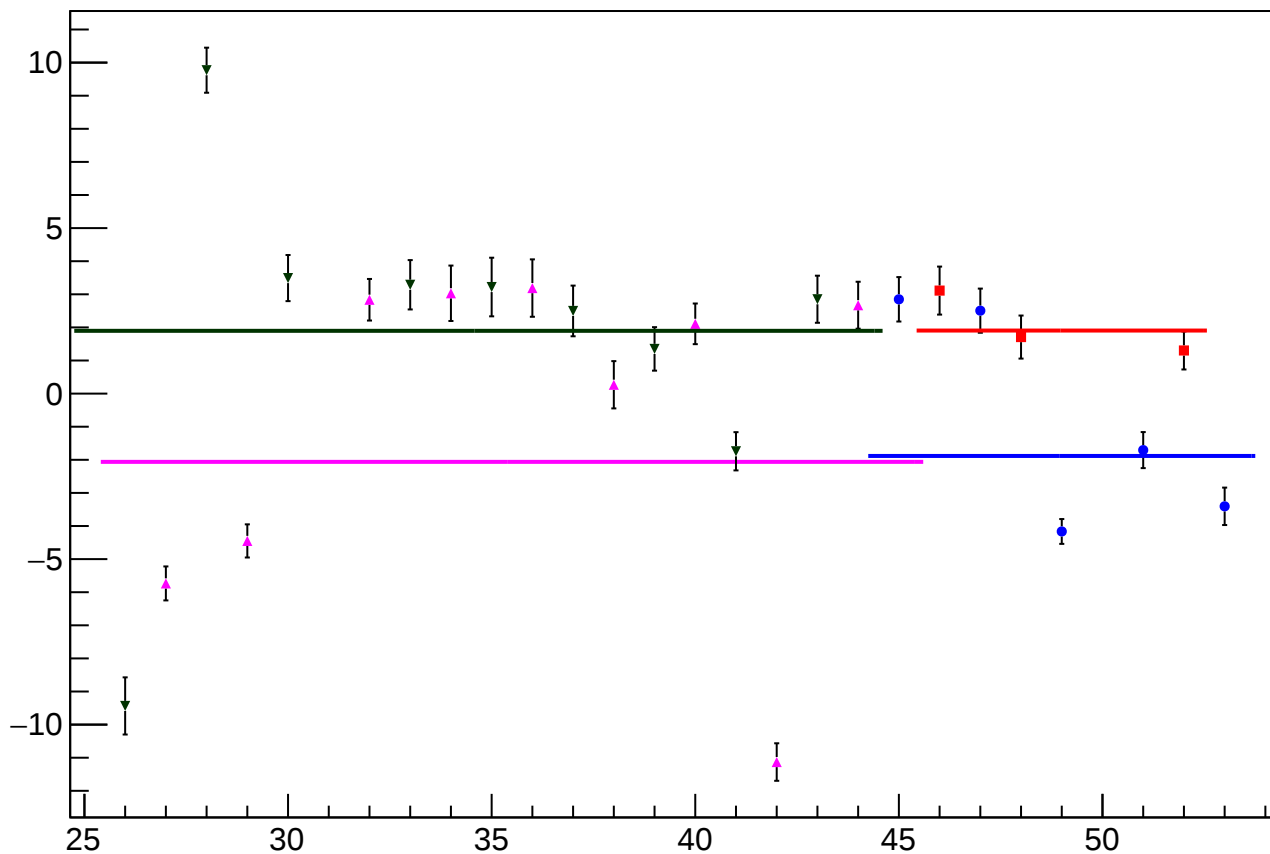
Right Out: -47.818 $\pm$ 0.050 χ^2 /NDF: 202.1/2

Left In: -49.168 $\pm$ 0.030 χ^2 /NDF: 481.7/8

-48.461 $\pm$ 0.023 χ^2 /NDF: 2046.4/13

-48.812 $\pm$ 0.026 χ^2 /NDF: 1226.8/11

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -1.883 ± 0.235 χ^2/NDF : 137.4/4

Left Out: 1.897 ± 0.238 χ^2/NDF : 359.8/8

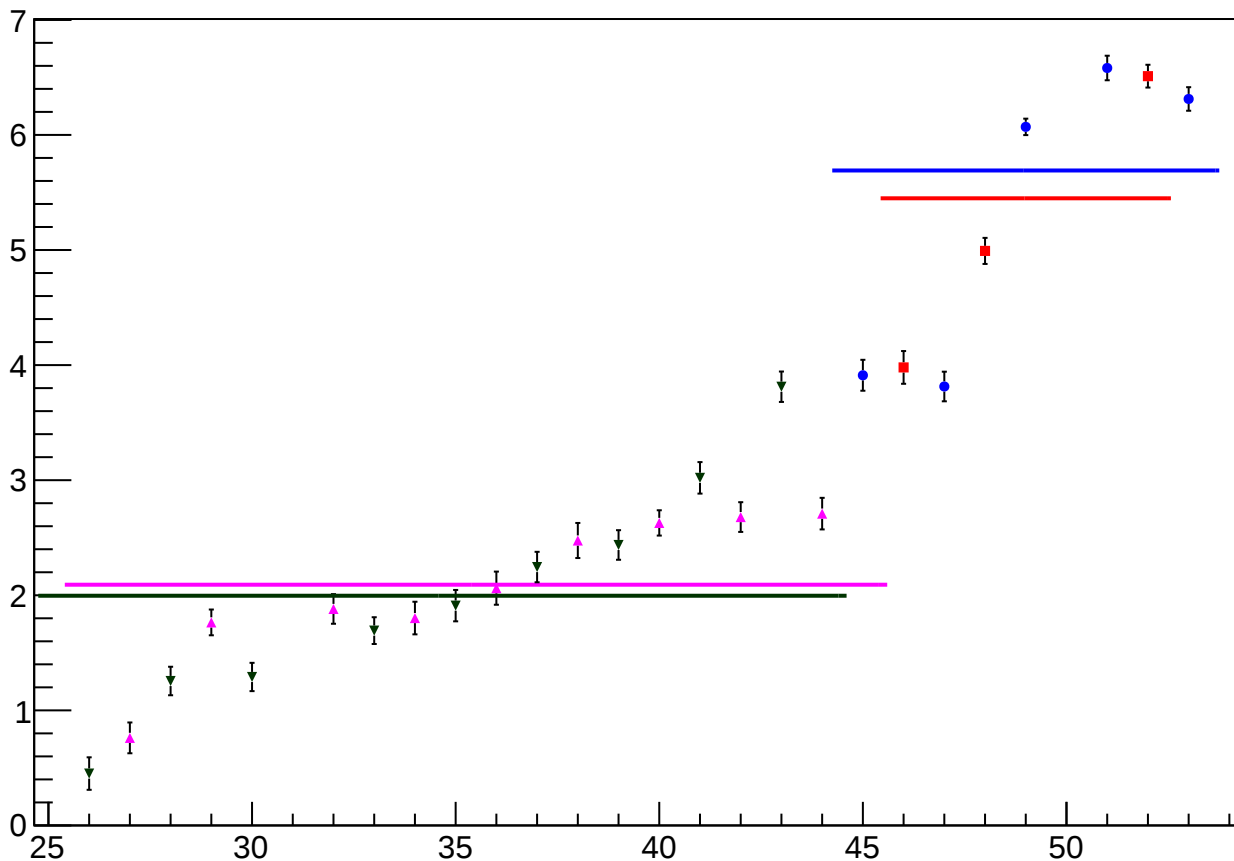
Right Out: 1.905 ± 0.370 χ^2/NDF : 4.0/2

Left In: -2.062 ± 0.209 χ^2/NDF : 565.8/8

-0.017 ± 0.167 χ^2/NDF : 624.7/13

-1.099 ± 0.182 χ^2/NDF : 656.8/11

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.691 $\pm$ 0.045 χ^2 /NDF: 522.9/4

Left Out: 1.996 $\pm$ 0.043 χ^2 /NDF: 455.9/8

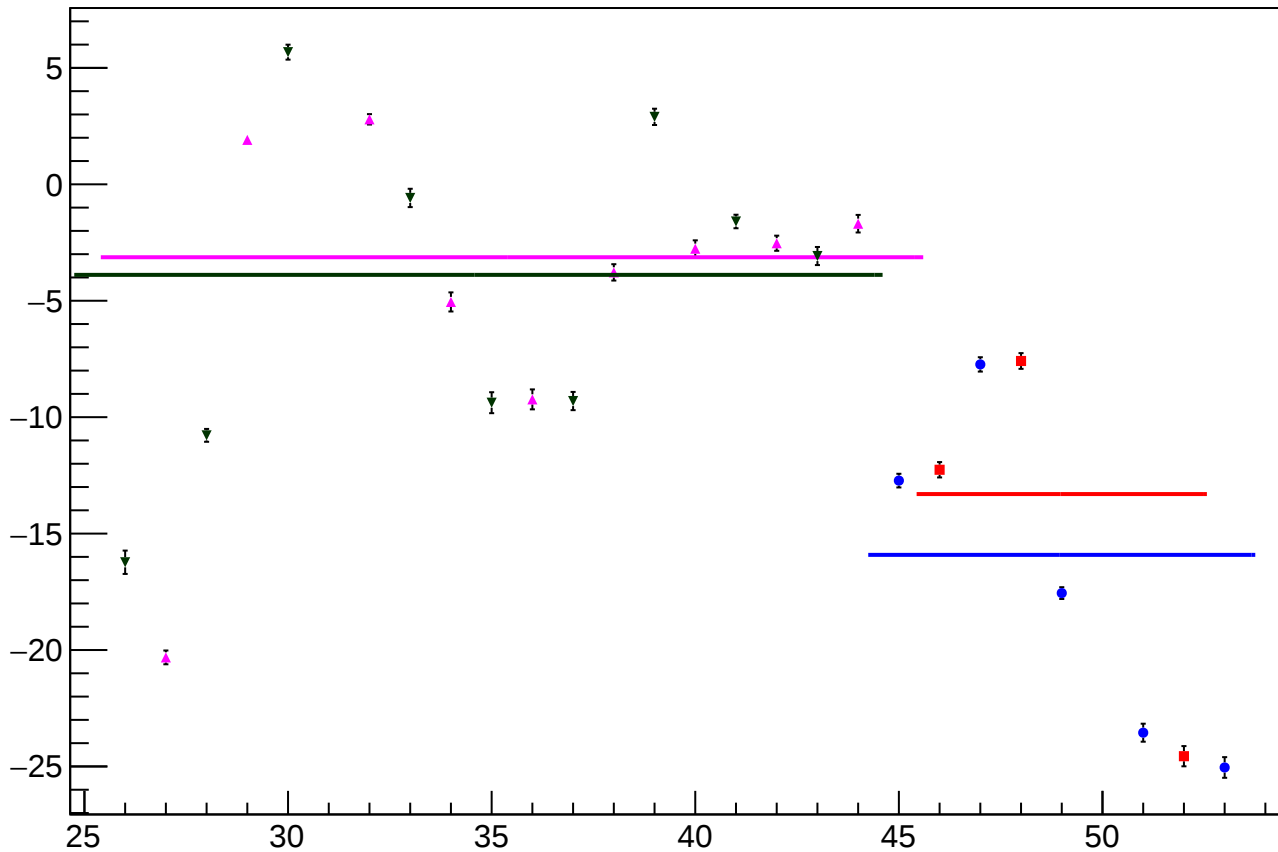
Right Out: 5.449 $\pm$ 0.066 χ^2 /NDF: 237.9/2

Left In: 2.092 $\pm$ 0.043 χ^2 /NDF: 185.6/8

3.768 $\pm$ 0.031 χ^2 /NDF: 4498.8/13

3.102 $\pm$ 0.036 χ^2 /NDF: 2231.3/11

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -15.913 ± 0.142 χ^2/NDF : 1677.6/4

Left Out: -3.888 ± 0.118 χ^2/NDF : 2967.8/8

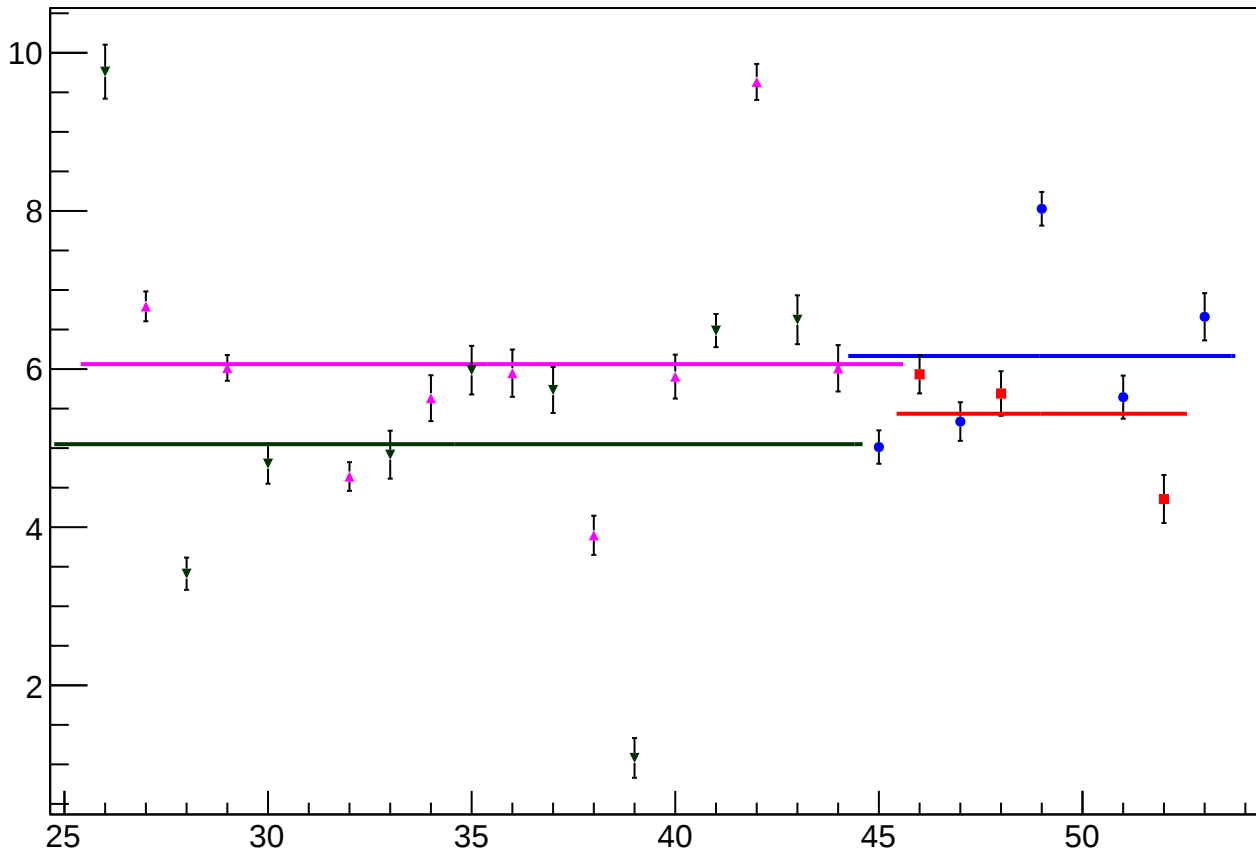
-8.814 ± 0.091 χ^2/NDF : 8868.6/13

Right Out: -13.302 ± 0.207 χ^2/NDF : 968.2/2

-5.105 ± 0.091 χ^2/NDF : 7765.4/11

Left In: -3.132 ± 0.102 χ^2/NDF : 4858.8/8

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 6.165+/-0.108 χ^2/NDF : 124.2/4

Left Out: 5.050+/-0.088 χ^2/NDF : 593.0/8

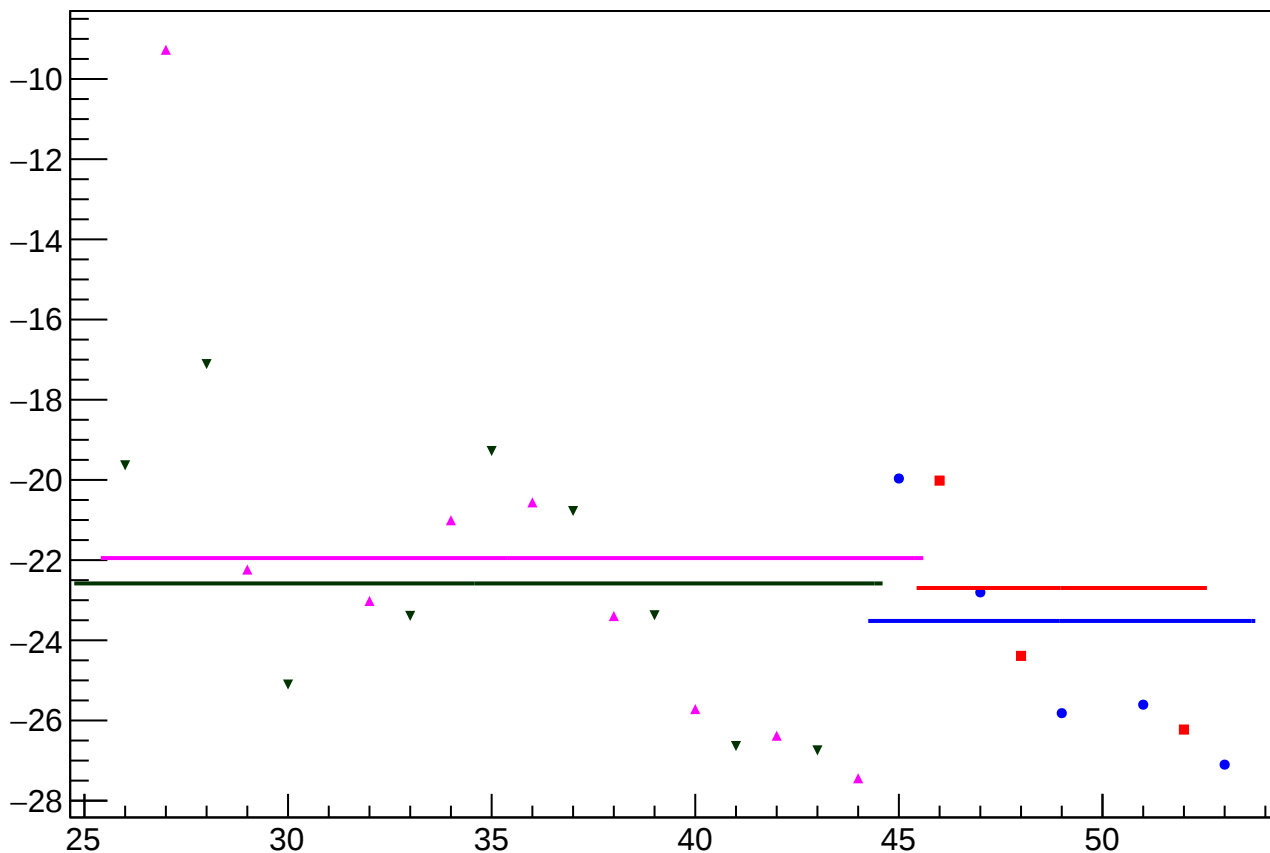
Right Out: 5.435+/-0.157 χ^2/NDF : 17.7/2

Left In: 6.062+/-0.075 χ^2/NDF : 400.5/8

5.493+/-0.068 χ^2/NDF : 781.6/13

5.947+/-0.067 χ^2/NDF : 431.2/11

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -23.517 $\pm$ 0.025 χ^2 /NDF: 10939.2/4

Left Out: -22.582 $\pm$ 0.020 χ^2 /NDF: 29955.2/8

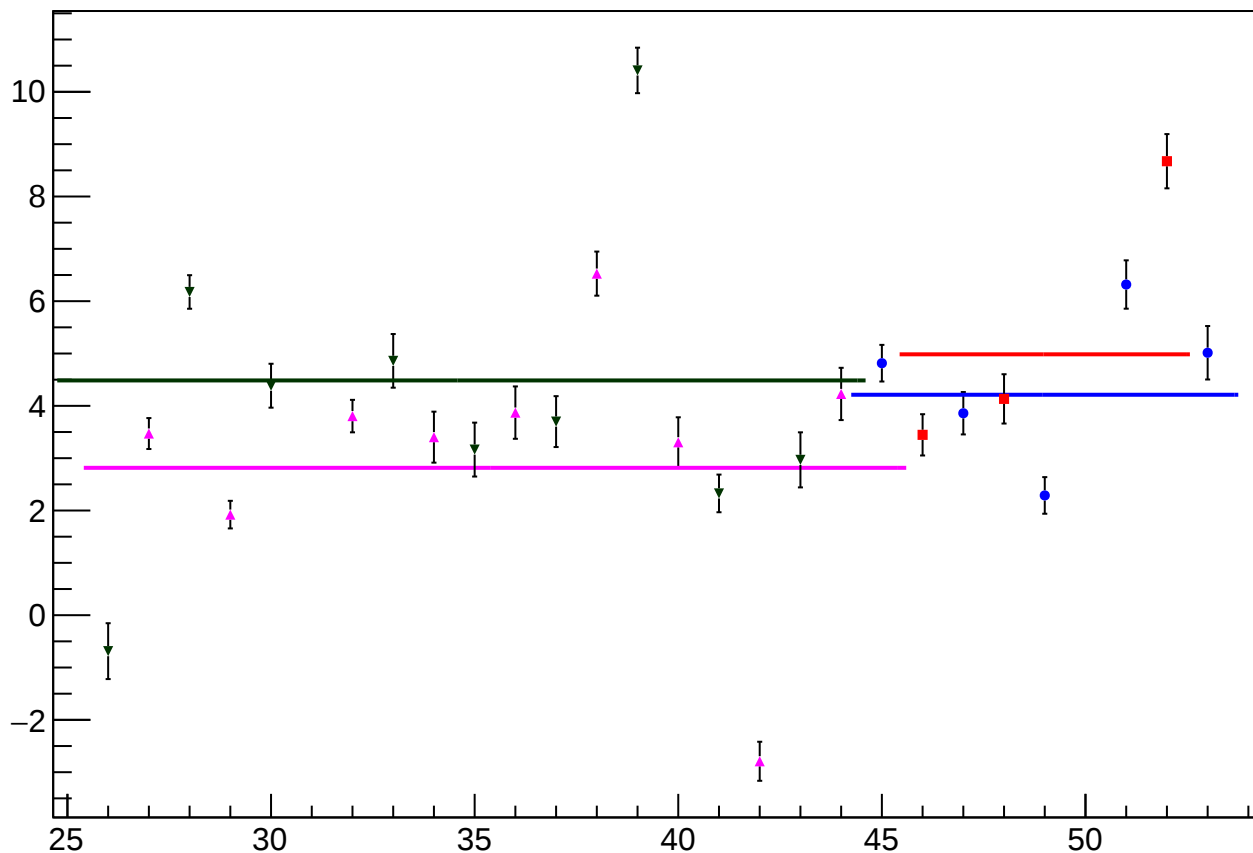
Right Out: -22.695 $\pm$ 0.034 χ^2 /NDF: 5908.3/2

Left In: -21.949 $\pm$ 0.017 χ^2 /NDF: 78860.8/8

-22.940 $\pm$ 0.016 χ^2 /NDF: 41745.7/13

-22.102 $\pm$ 0.015 χ^2 /NDF: 85147.7/11

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.212 $\pm$ 0.180 χ^2 /NDF: 57.2/4

Left Out: 4.486 $\pm$ 0.145 χ^2 /NDF: 361.5/8

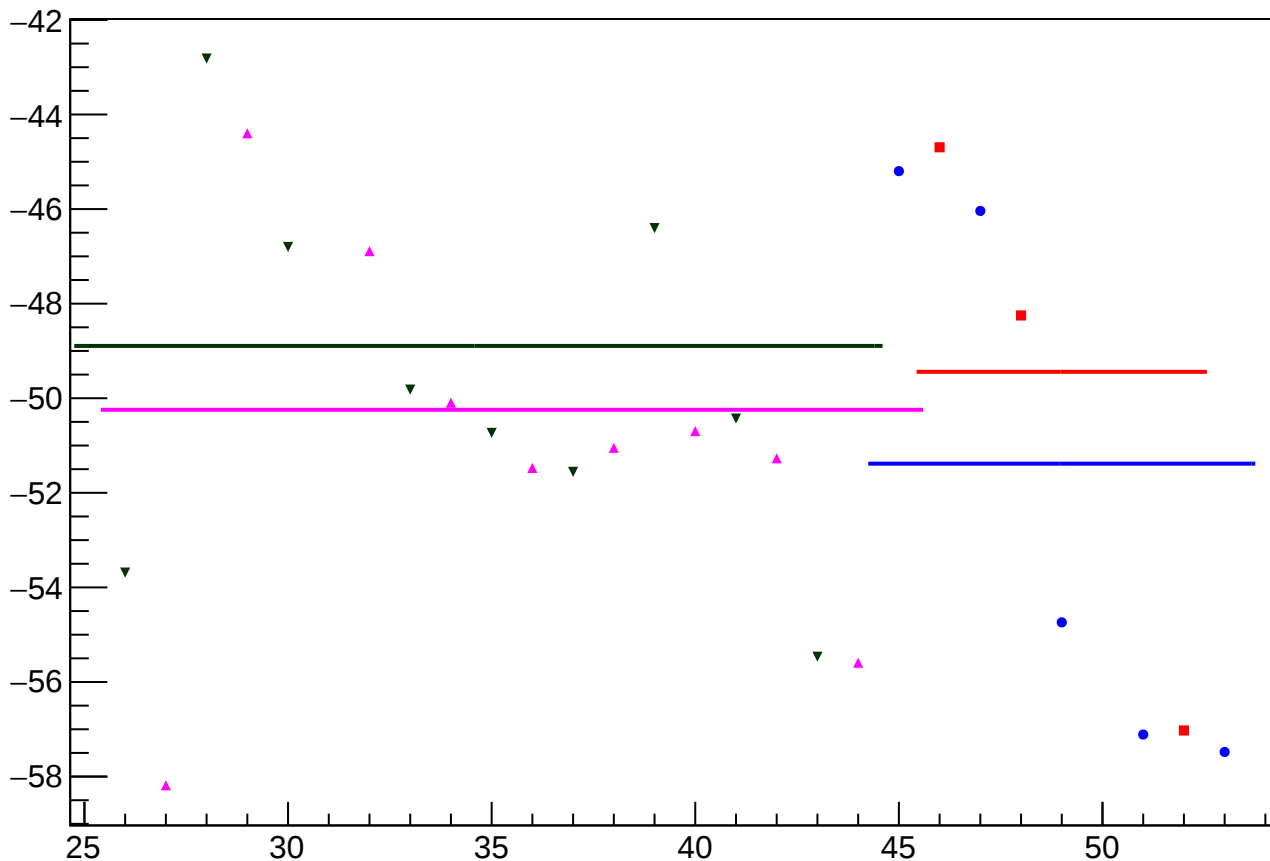
Right Out: 4.985 $\pm$ 0.261 χ^2 /NDF: 69.2/2

Left In: 2.816 $\pm$ 0.123 χ^2 /NDF: 345.0/8

4.377 $\pm$ 0.113 χ^2 /NDF: 420.1/13

3.212 $\pm$ 0.112 χ^2 /NDF: 470.5/11

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -51.383+/-0.035 χ^2/NDF : 23103.5/4

Left Out: -48.894+/-0.027 χ^2/NDF : 21073.6/8

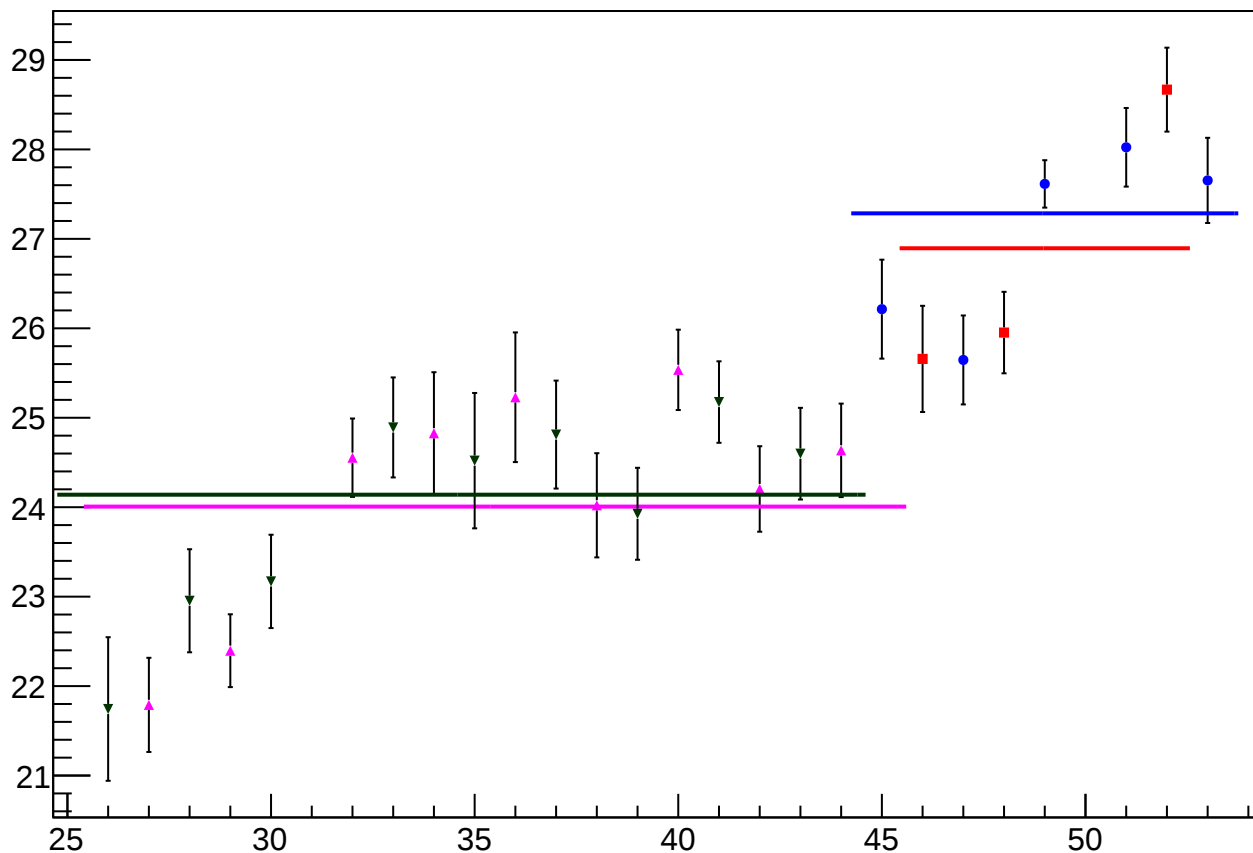
Right Out: -49.441+/-0.049 χ^2/NDF : 11054.5/2

Left In: -50.244+/-0.026 χ^2/NDF : 27248.9/8

-49.820+/-0.021 χ^2/NDF : 47385.3/13

-50.067+/-0.023 χ^2/NDF : 38514.3/11

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.285 $\pm$ 0.179 χ^2 /NDF: 19.6/4

Left Out: 24.140 $\pm$ 0.188 χ^2 /NDF: 26.0/8

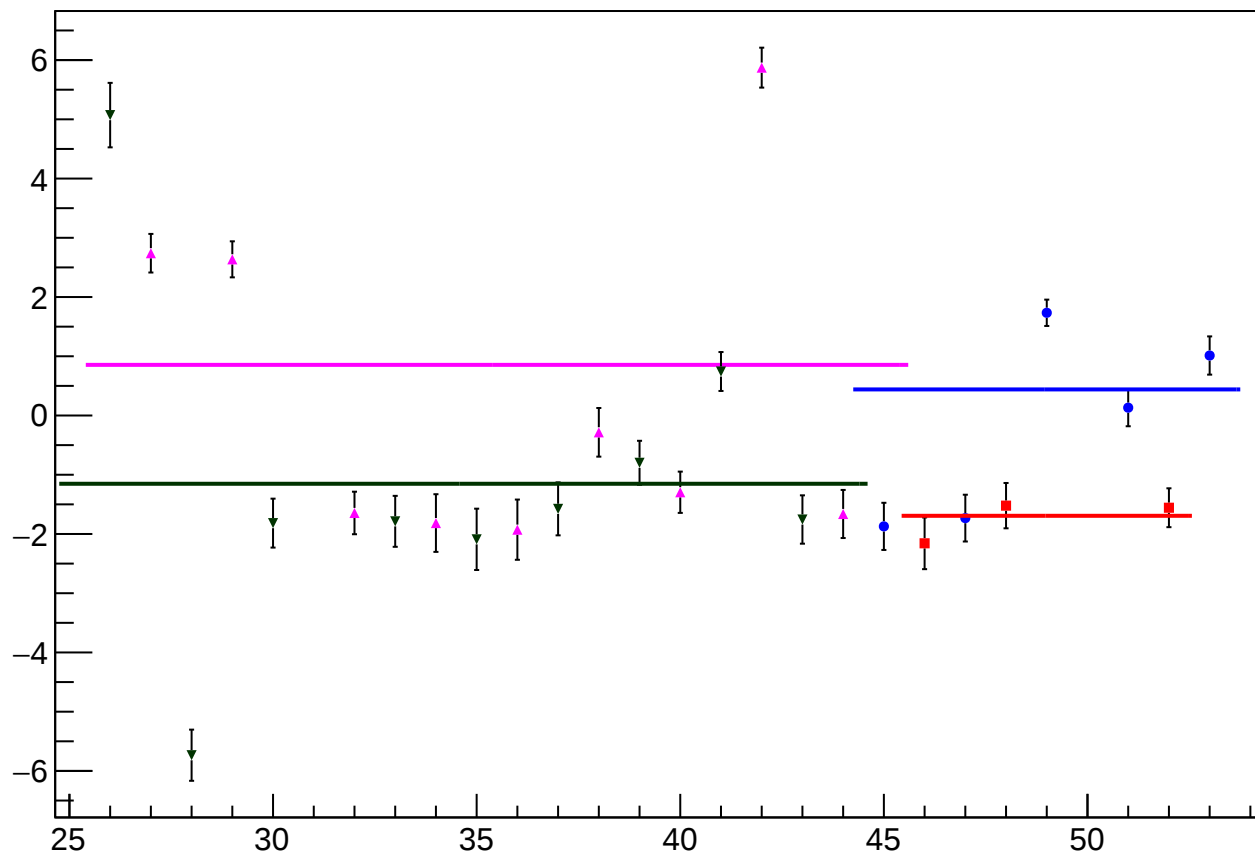
Right Out: 26.895 $\pm$ 0.286 χ^2 /NDF: 22.9/2

Left In: 24.007 $\pm$ 0.169 χ^2 /NDF: 52.5/8

25.786 $\pm$ 0.130 χ^2 /NDF: 192.4/13

24.756 $\pm$ 0.146 χ^2 /NDF: 150.7/11

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.440 ± 0.138 $\chi^2/\text{NDF}: 102.0/4$

Left Out: -1.152 ± 0.140 $\chi^2/\text{NDF}: 288.7/8$

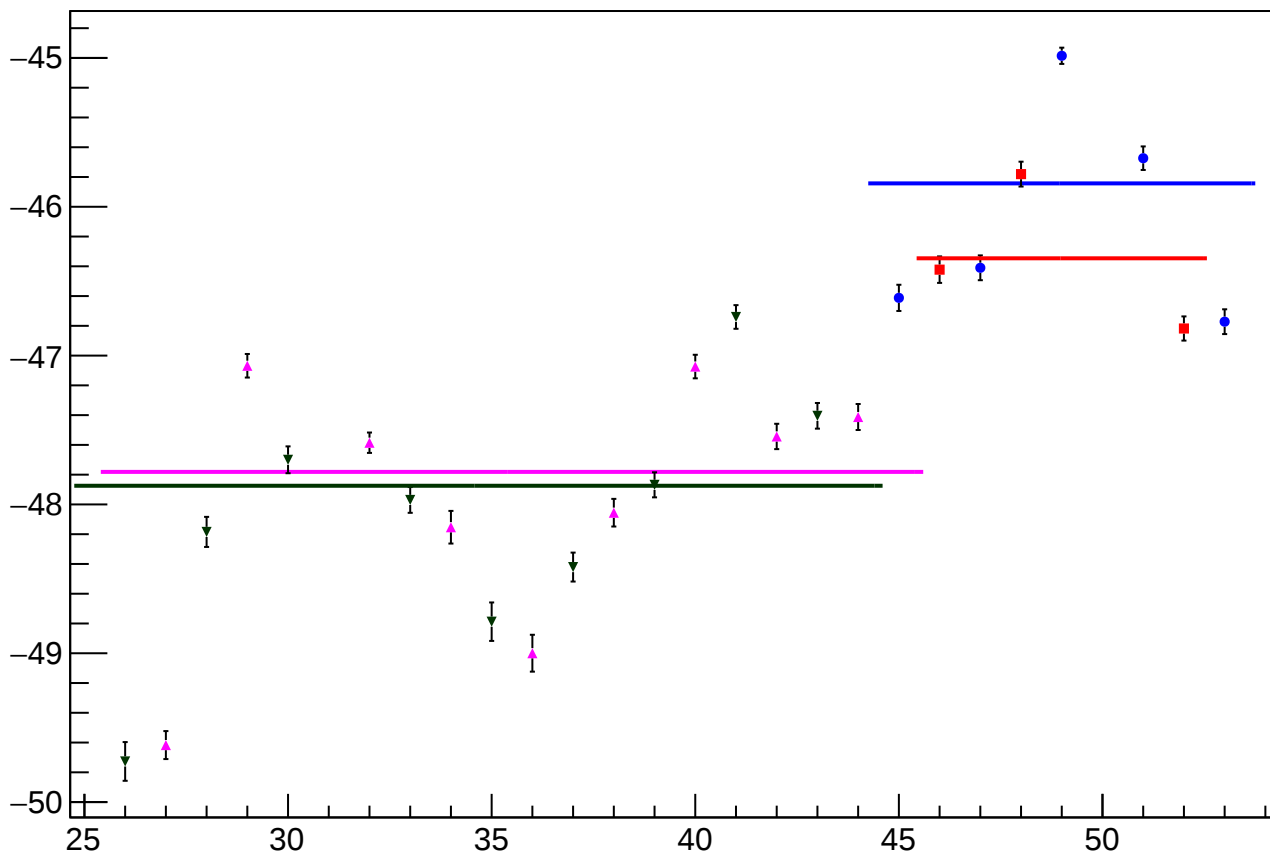
Right Out: -1.693 ± 0.216 $\chi^2/\text{NDF}: 1.5/2$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.345 ± 0.098 $\chi^2/\text{NDF}: 456.5/13$

0.225 ± 0.108 $\chi^2/\text{NDF}: 588.1/11$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.843+/-0.033 χ^2/NDF : 498.6/4

Left Out: -47.875+/-0.031 χ^2/NDF : 531.8/8

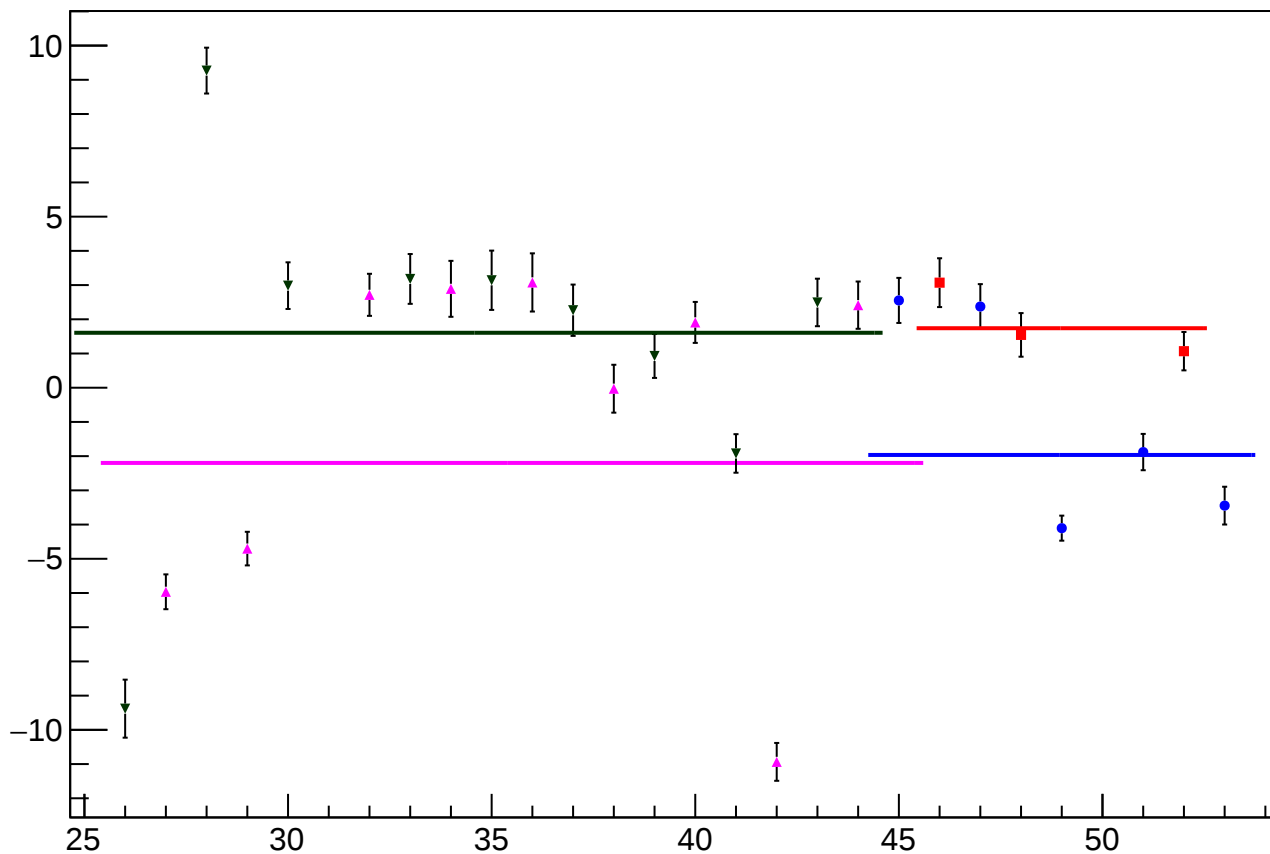
Right Out: -46.346+/-0.049 χ^2/NDF : 80.4/2

Left In: -47.781+/-0.029 χ^2/NDF : 693.0/8

-46.911+/-0.023 χ^2/NDF : 3012.2/13

-47.404+/-0.025 χ^2/NDF : 1412.5/11

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -1.965 ± 0.230 χ^2/NDF : 132.3/4

Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

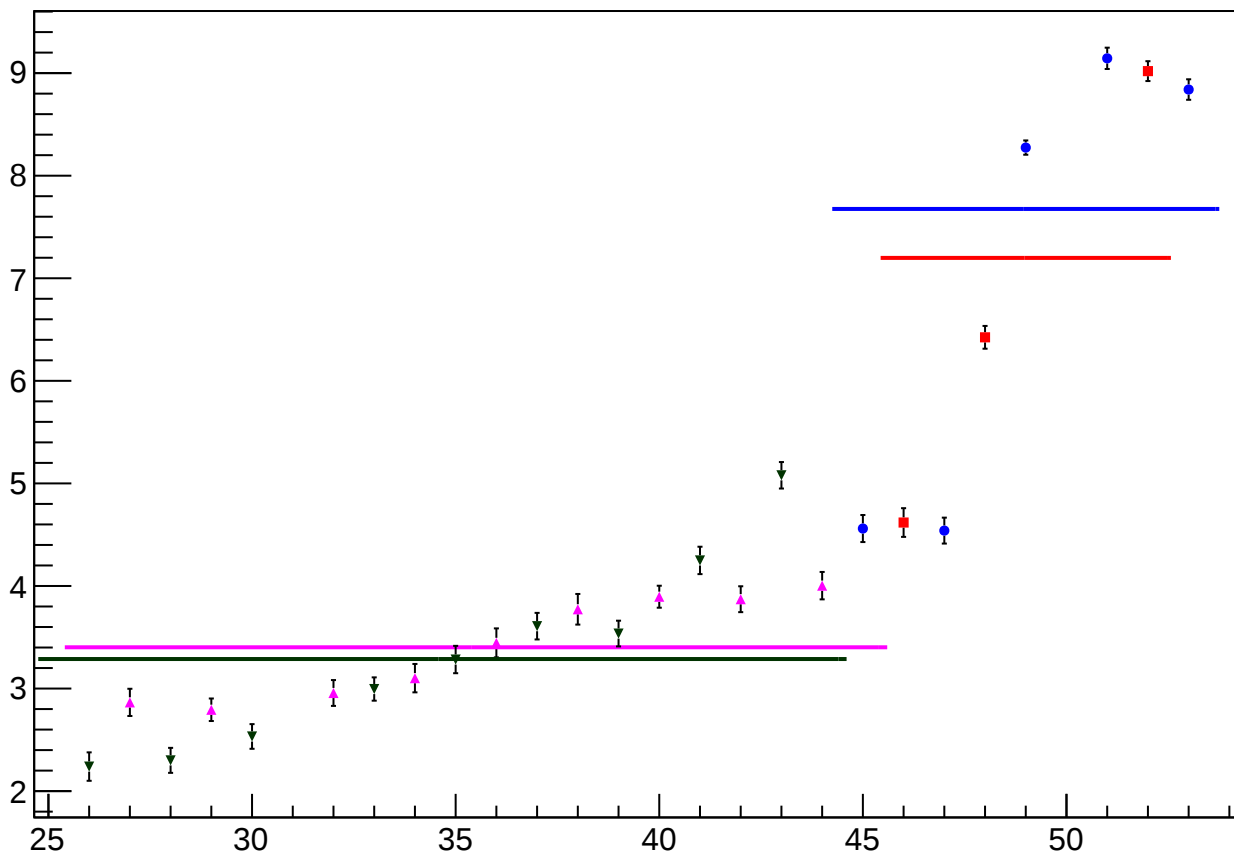
Right Out: 1.739 ± 0.363 χ^2/NDF : 5.0/2

Left In: -2.198 ± 0.205 χ^2/NDF : 572.5/8

-0.204 ± 0.164 χ^2/NDF : 604.6/13

-1.242 ± 0.179 χ^2/NDF : 666.8/11

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 7.676 $\pm$ 0.044 χ^2 /NDF: 1583.3/4

Left Out: 3.288 $\pm$ 0.042 χ^2 /NDF: 423.4/8

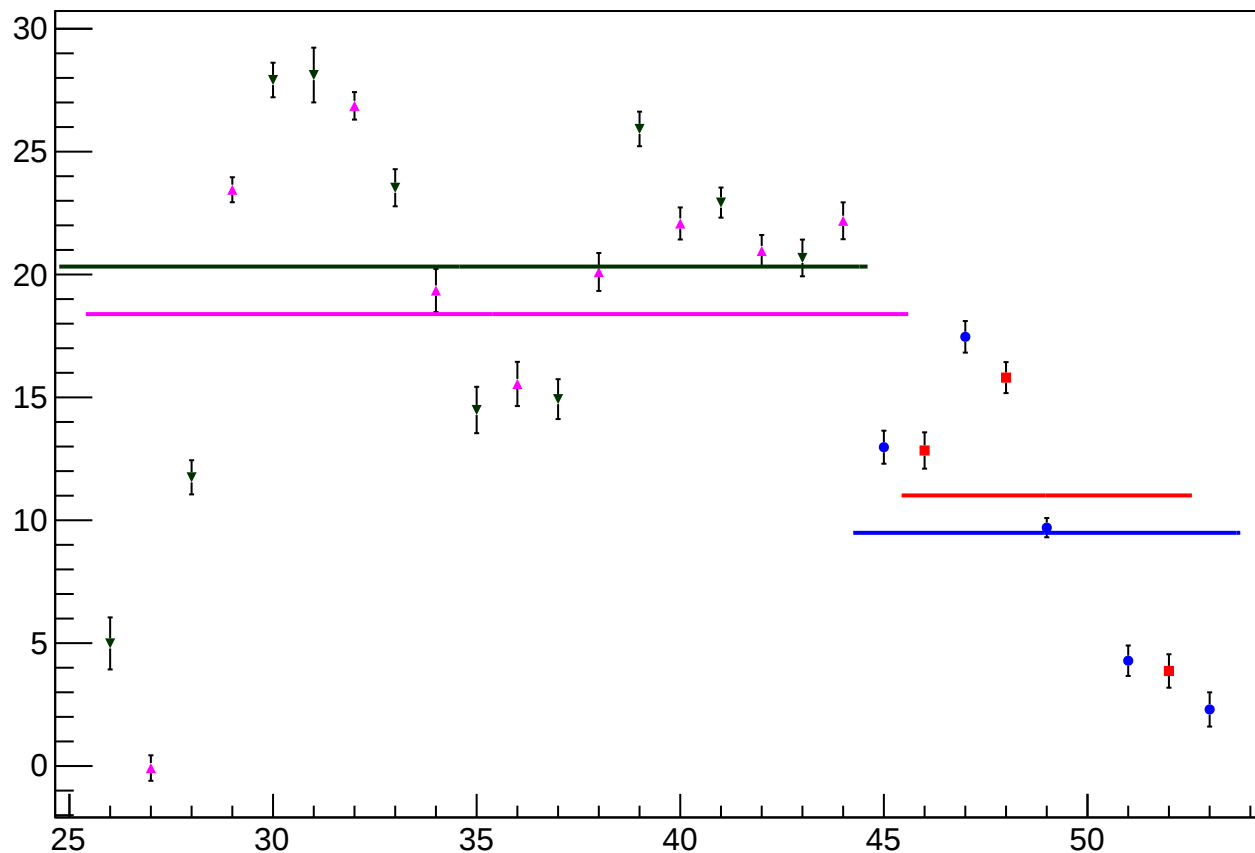
Right Out: 7.199 $\pm$ 0.065 χ^2 /NDF: 742.9/2

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF: 125.8/8

5.395 $\pm$ 0.030 χ^2 /NDF: 7198.2/13

4.544 $\pm$ 0.035 χ^2 /NDF: 3277.7/11

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 9.489 $\pm$ 0.251 χ^2/NDF : 358.1/4

Left Out: 20.323 $\pm$ 0.245 χ^2/NDF : 709.6/9

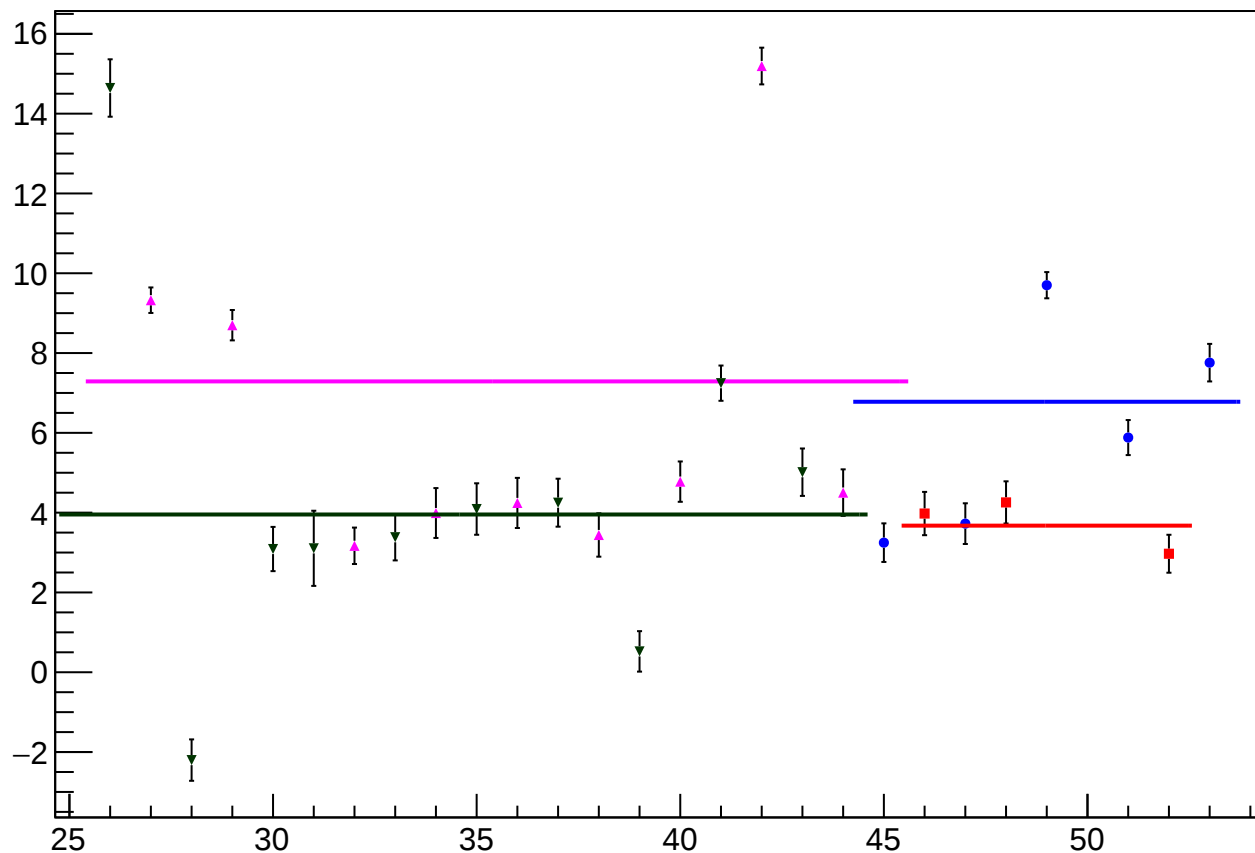
Right Out: 11.010 $\pm$ 0.392 χ^2/NDF : 174.1/2

Left In: 18.390 $\pm$ 0.216 χ^2/NDF : 1685.1/8

15.047 $\pm$ 0.175 χ^2/NDF : 2020.3/14

16.673 $\pm$ 0.189 χ^2/NDF : 2131.1/11

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 6.779+/-0.192 χ^2/NDF : 176.7/4

Left Out: 3.954+/-0.183 χ^2/NDF : 470.5/9

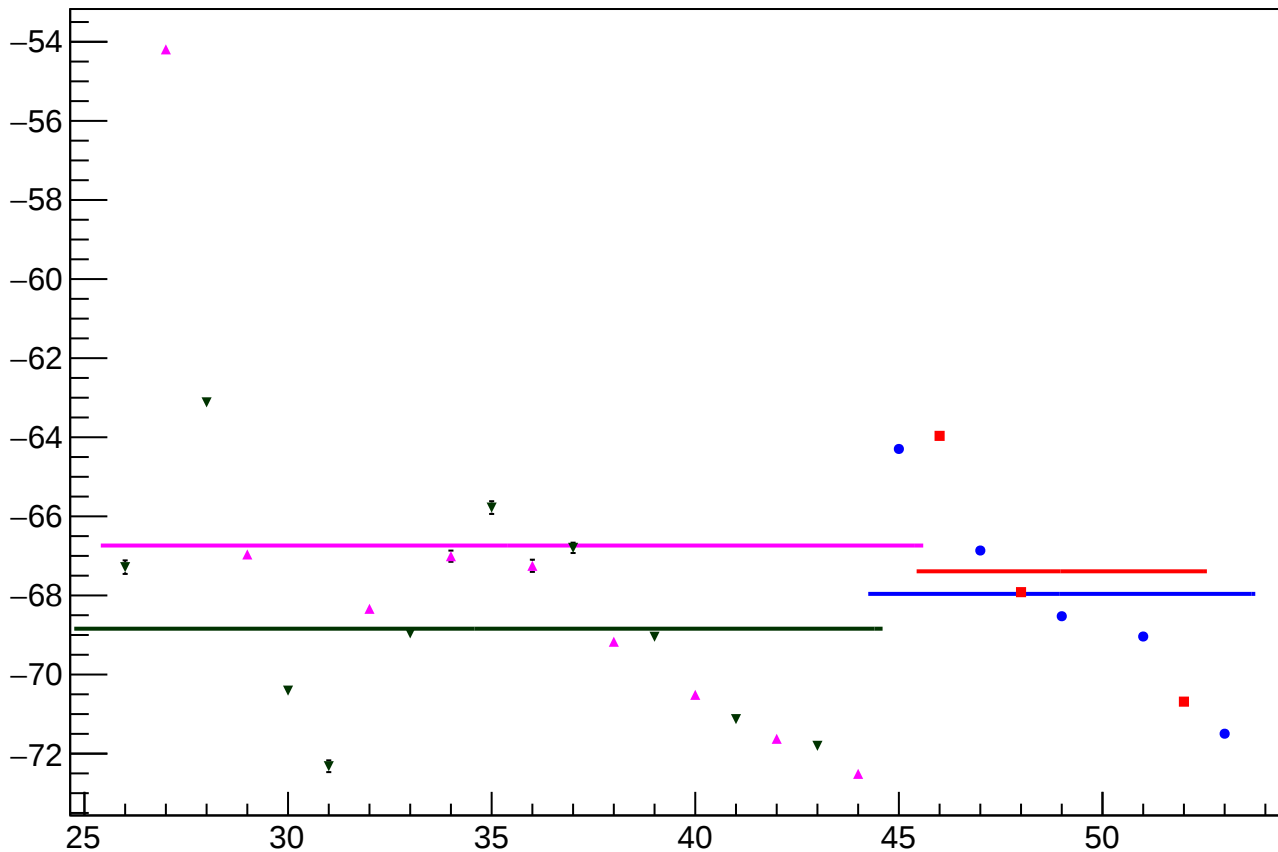
Right Out: 3.674+/-0.296 χ^2/NDF : 3.7/2

Left In: 7.289+/-0.155 χ^2/NDF : 579.9/8

5.294+/-0.132 χ^2/NDF : 760.8/14

6.511+/-0.137 χ^2/NDF : 700.6/11

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -67.960±/-0.046 χ^2/NDF : 2261.8/4

Left Out: -68.841±/-0.040 χ^2/NDF : 4612.8/9

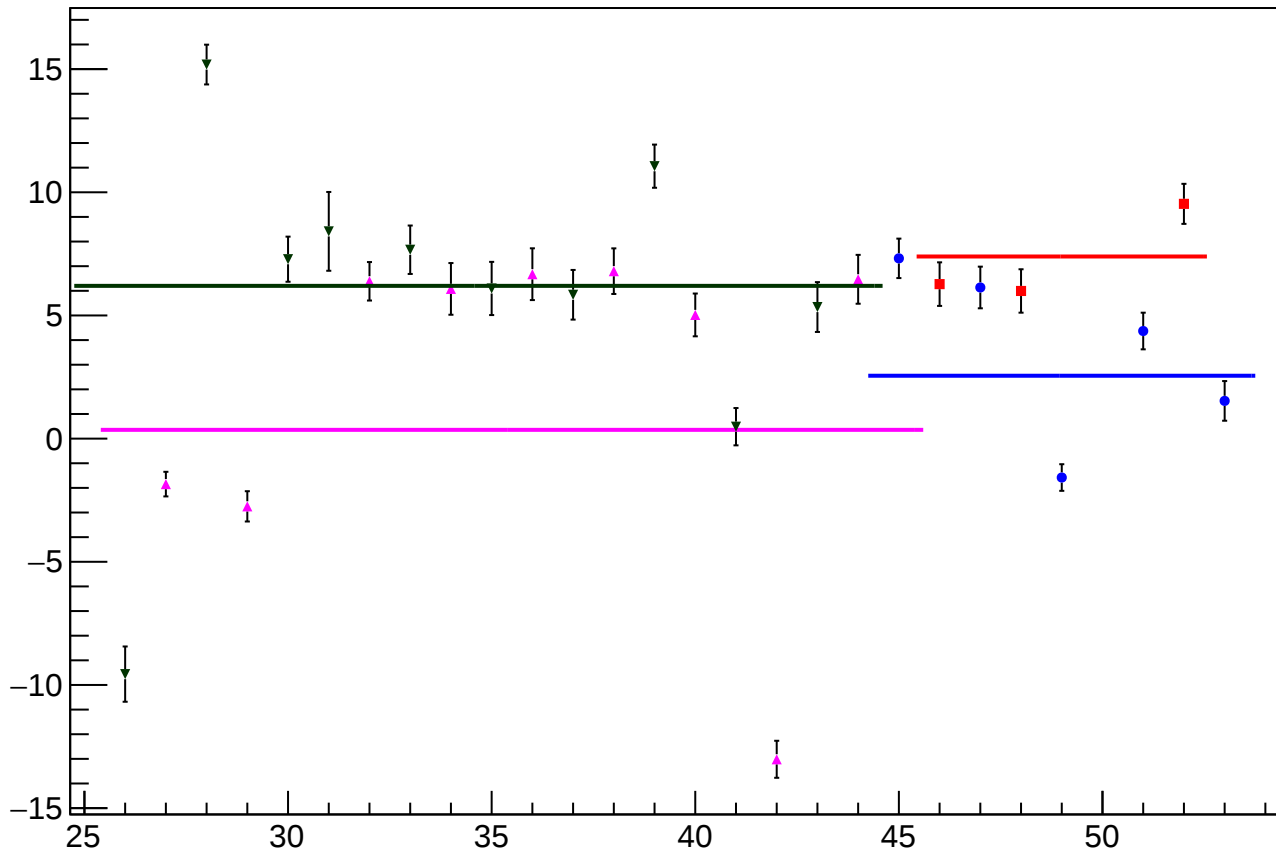
Right Out: -67.390±/-0.066 χ^2/NDF : 1756.5/2

Left In: -66.738±/-0.037 χ^2/NDF : 23839.1/8

-68.455±/-0.030 χ^2/NDF : 7081.9/14

-66.895±/-0.032 χ^2/NDF : 25669.5/11

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 2.553 ± 0.321 χ^2/NDF : 119.4/4

Left Out: 6.202 ± 0.304 χ^2/NDF : 415.3/9

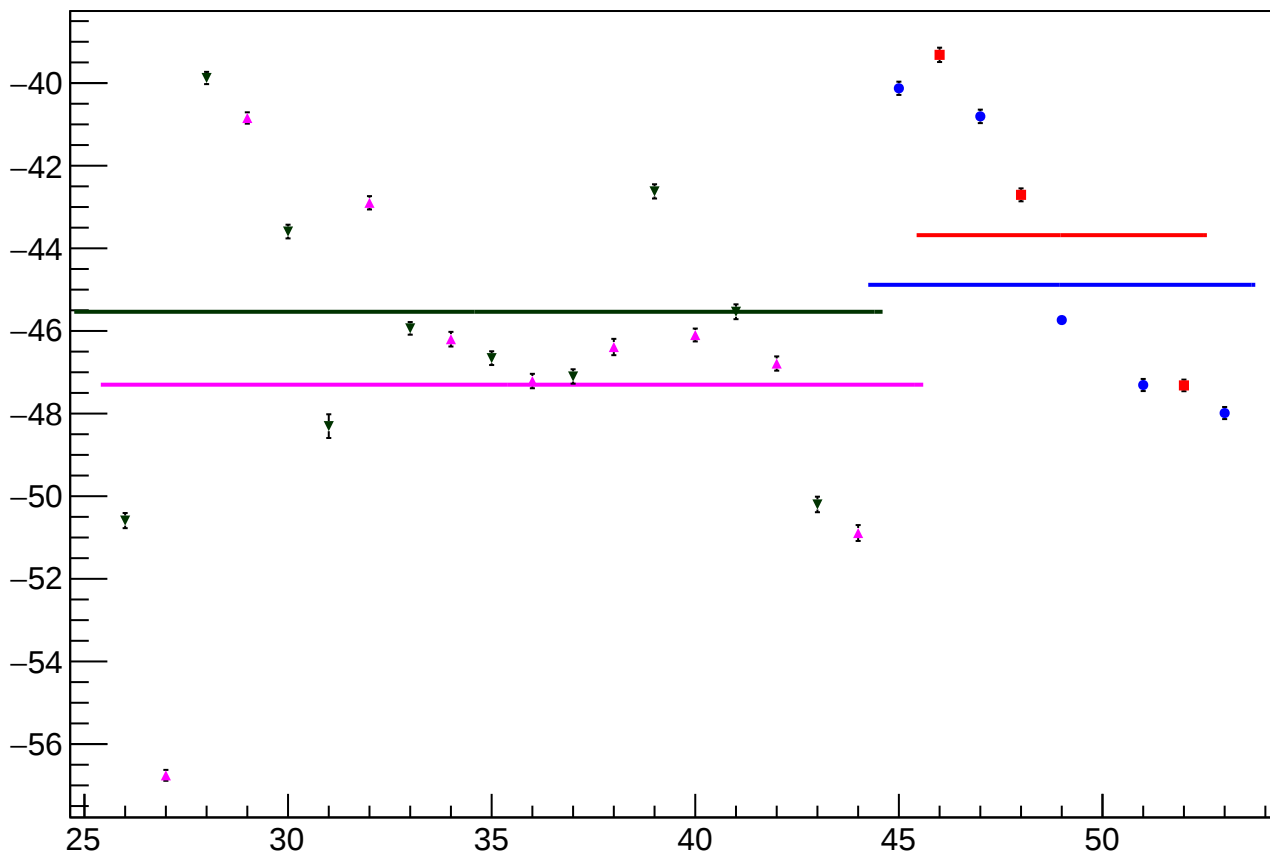
Right Out: 7.393 ± 0.495 χ^2/NDF : 11.0/2

Left In: 0.356 ± 0.255 χ^2/NDF : 602.4/8

4.473 ± 0.221 χ^2/NDF : 602.9/14

1.832 ± 0.227 χ^2/NDF : 773.2/11

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.883+/-0.062 χ^2/NDF : 2294.2/4

Left Out: -45.536+/-0.055 χ^2/NDF : 3476.0/9

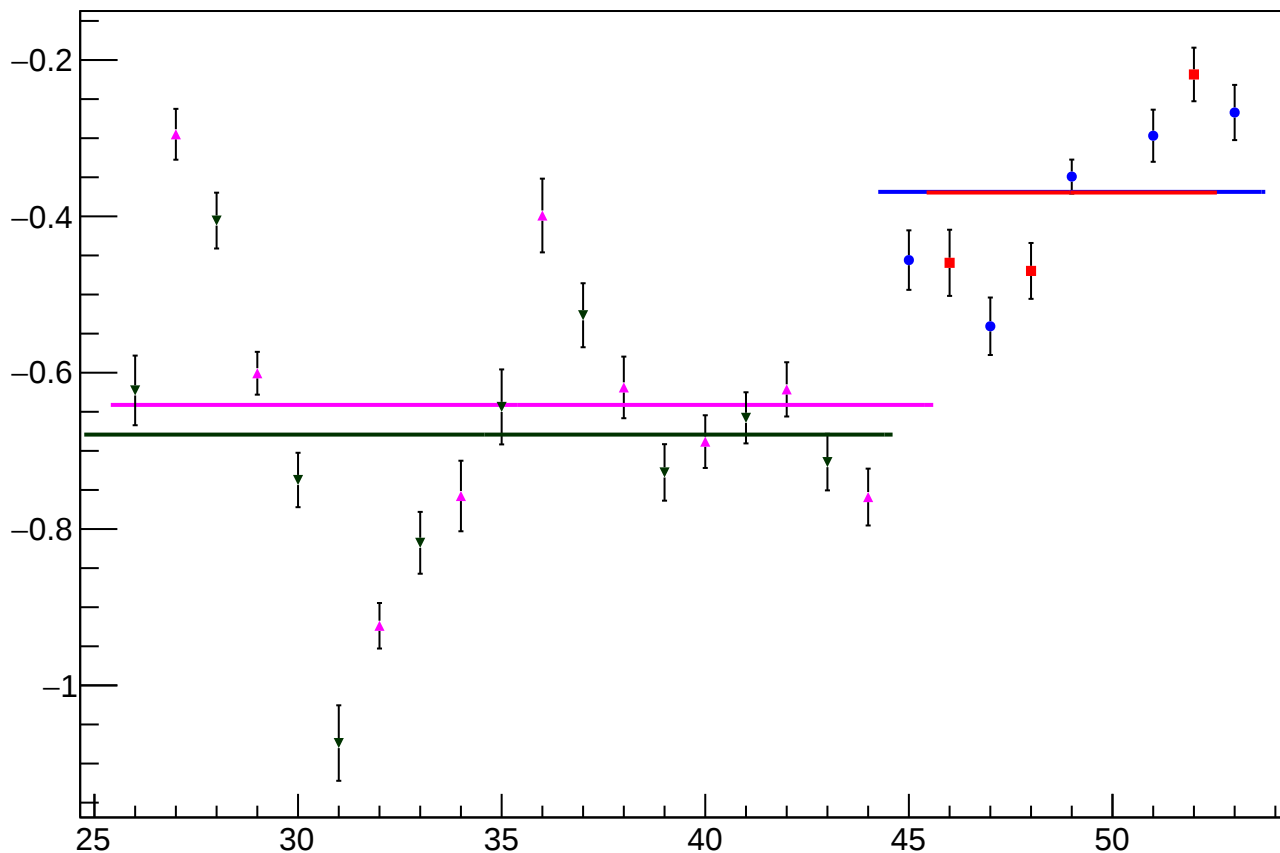
Right Out: -43.681+/-0.090 χ^2/NDF : 1339.5/2

Left In: -47.301+/-0.054 χ^2/NDF : 8552.3/8

-45.245+/-0.041 χ^2/NDF : 5832.5/14

-46.332+/-0.046 χ^2/NDF : 11085.6/11

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.369+/-0.014 χ^2 /NDF: 40.8/4

Left Out: -0.679+/-0.012 χ^2 /NDF:159.8/9

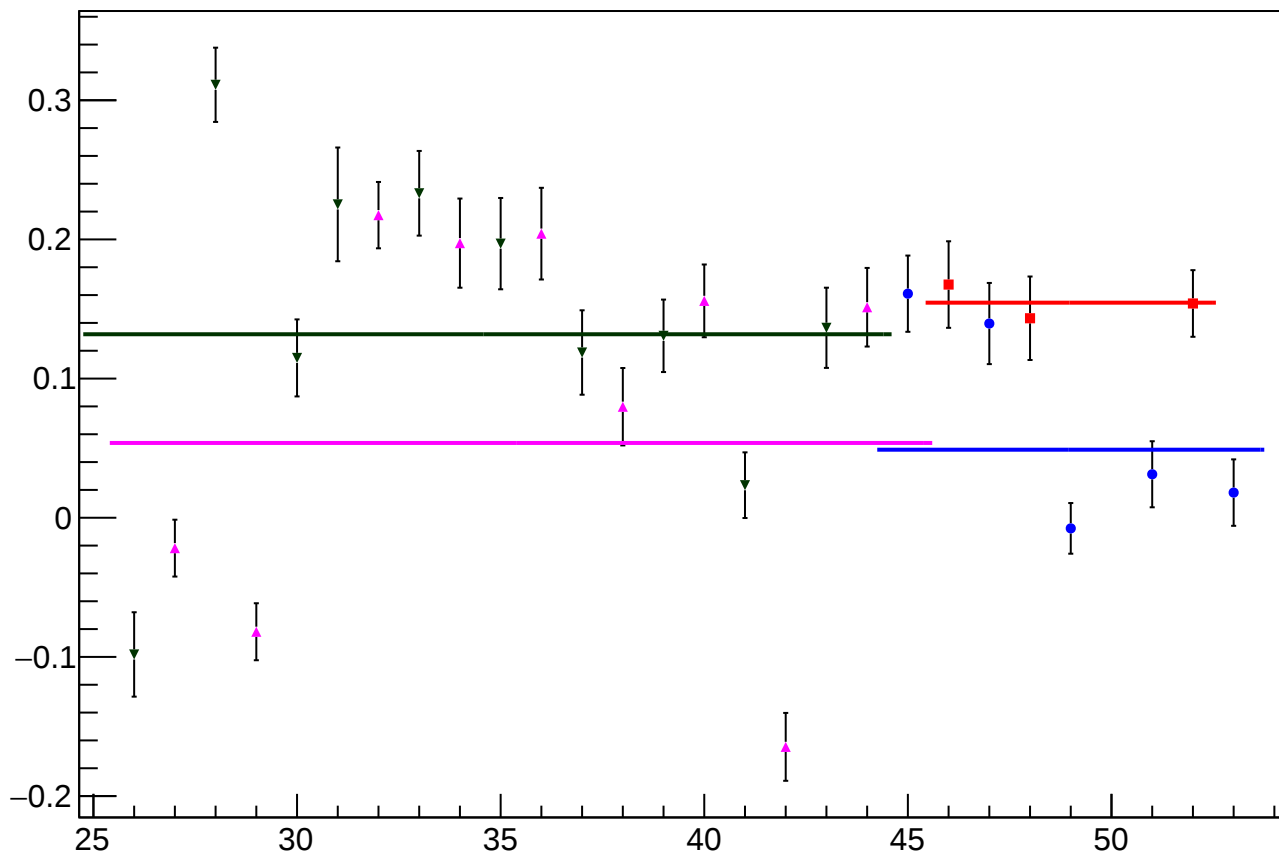
Right Out: -0.370+/-0.021 χ^2 /NDF: 31.8/2

Left In: -0.641+/-0.012 χ^2 /NDF:255.8/8

-0.543+/-0.009 χ^2 /NDF: 483.9/14

-0.580+/-0.010 χ^2 /NDF: 412.8/11

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.049 $\pm$ 0.011 χ^2/NDF : 38.3/4

Left Out: 0.132 $\pm$ 0.009 χ^2/NDF :144.7/9

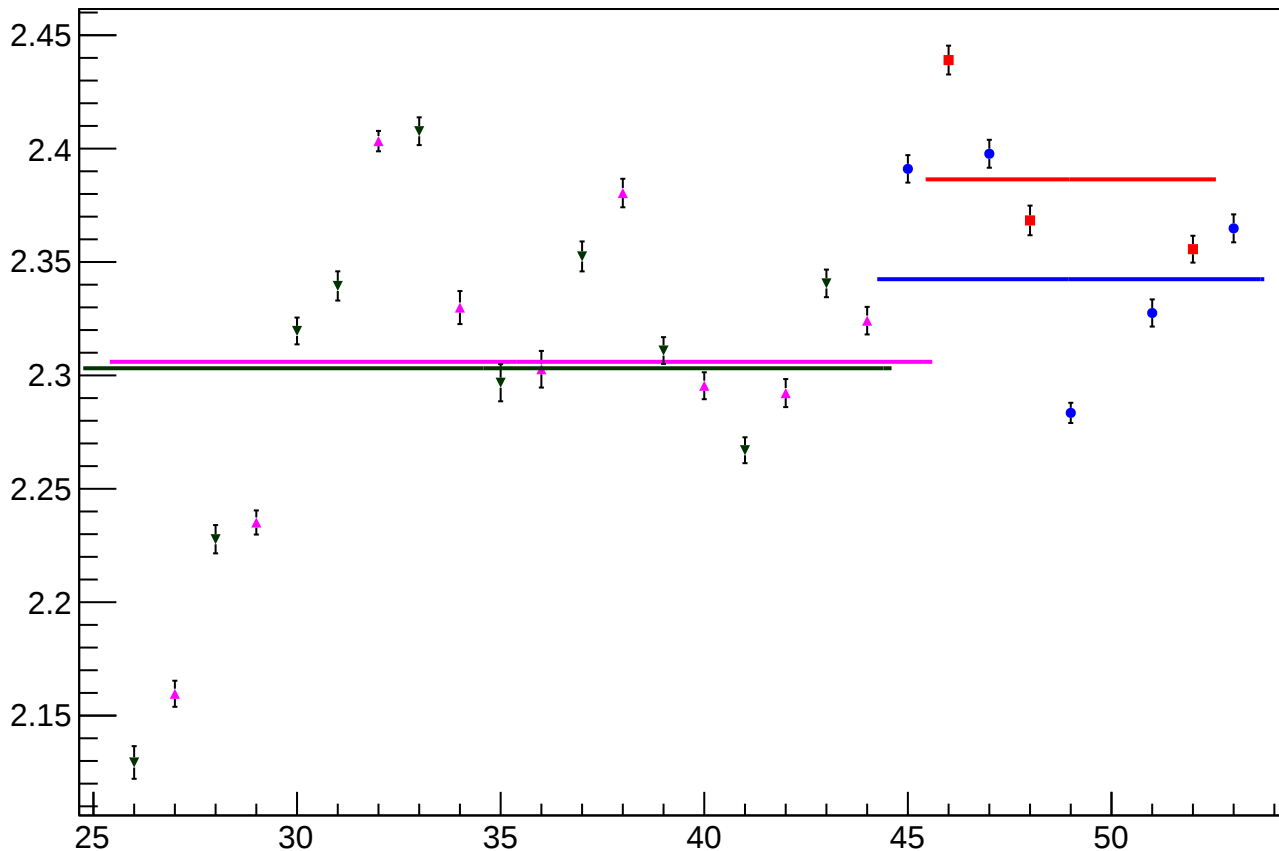
Right Out: 0.155 $\pm$ 0.016 χ^2/NDF : 0.3/2

Left In: 0.054 $\pm$ 0.008 χ^2/NDF :253.9/8

0.096 $\pm$ 0.007 χ^2/NDF : 218.4/14

0.076 $\pm$ 0.007 χ^2/NDF : 285.2/11

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.342 $\pm$ 0.003 χ^2 /NDF: 339.1/4

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF: 1196.2/9

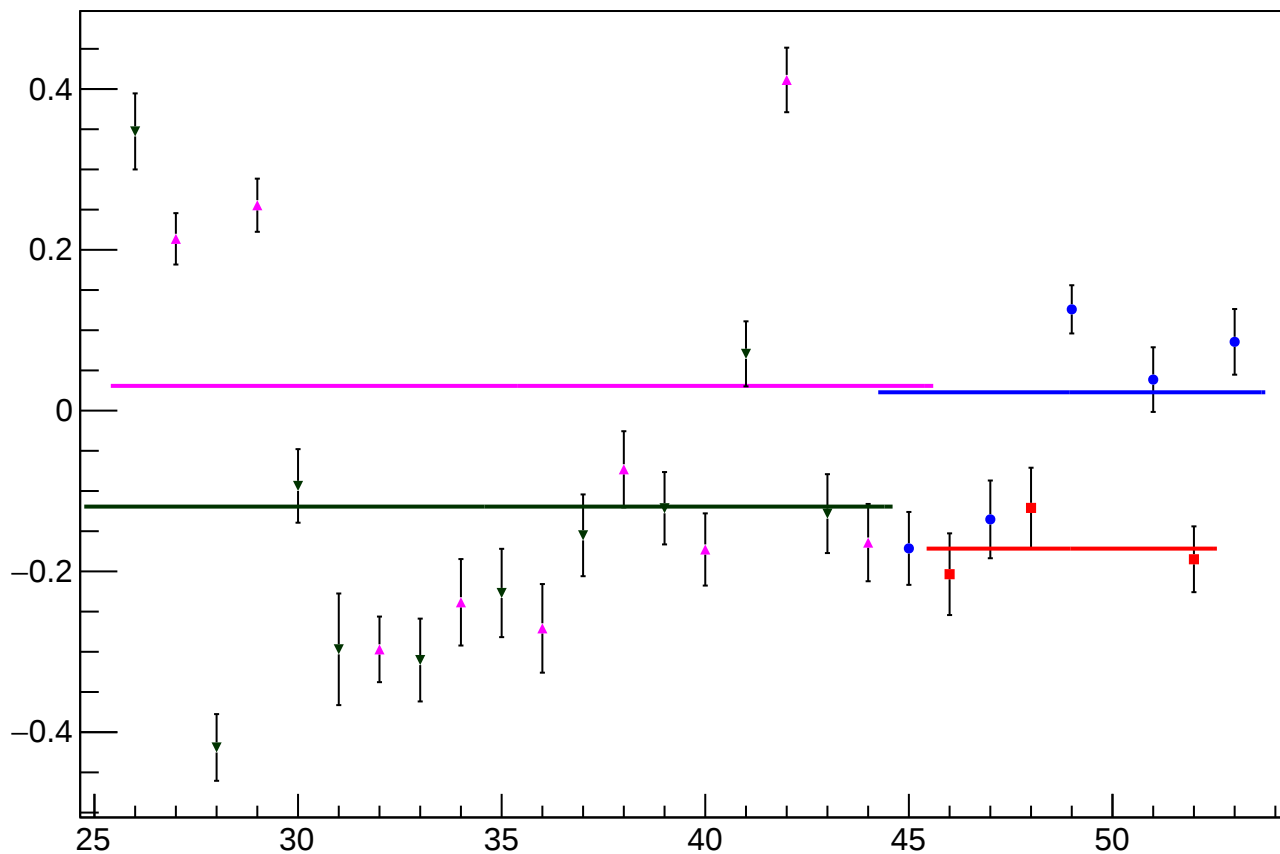
Right Out: 2.386 $\pm$ 0.004 χ^2 /NDF: 103.3/2

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF: 1460.0/8

2.318 $\pm$ 0.002 χ^2 /NDF: 1684.3/14

2.325 $\pm$ 0.002 χ^2 /NDF: 1945.6/11

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 0.023 ± 0.018 $\chi^2/\text{NDF}: 43.4/4$

Left Out: -0.119 ± 0.015 $\chi^2/\text{NDF}: 196.5/9$

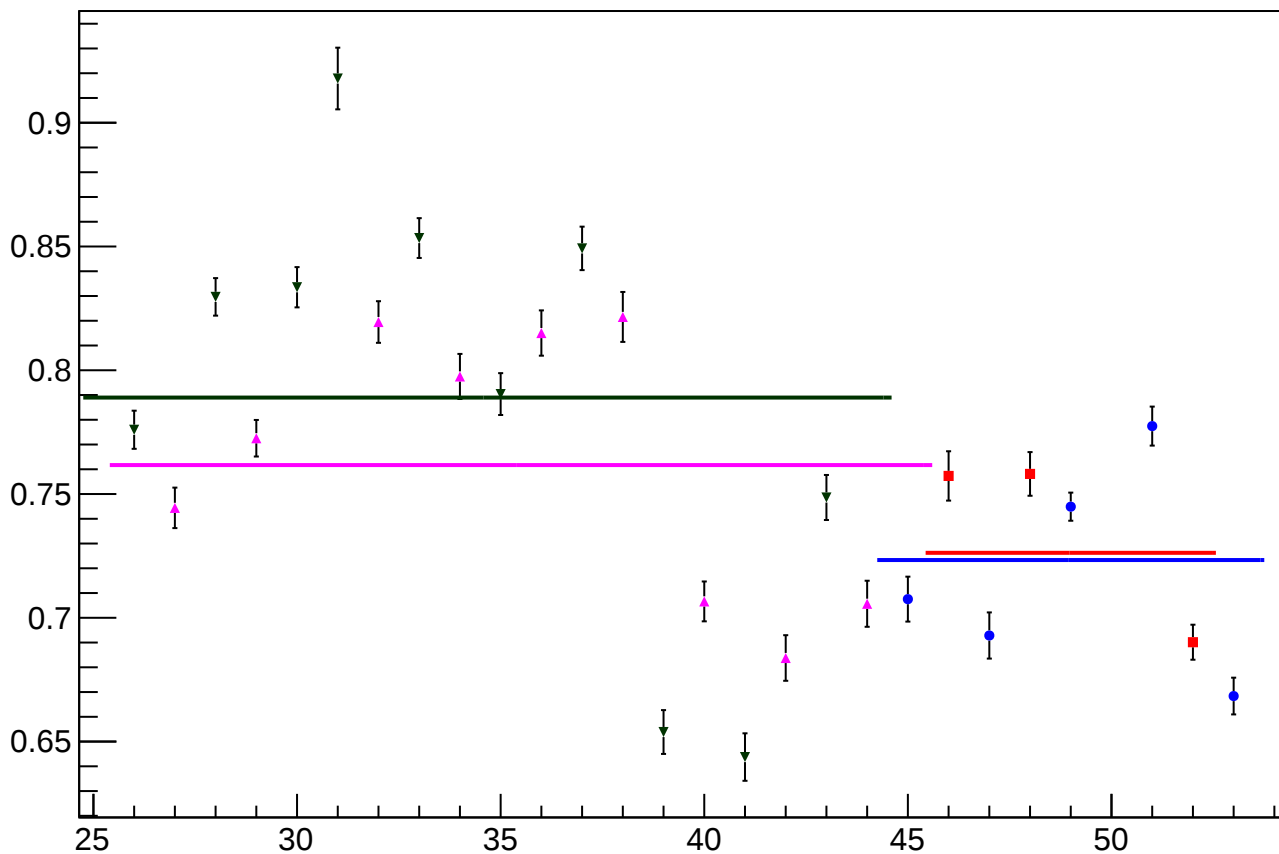
Right Out: -0.172 ± 0.027 $\chi^2/\text{NDF}: 1.5/2$

Left In: 0.031 ± 0.014 $\chi^2/\text{NDF}: 330.1/8$

-0.058 ± 0.011 $\chi^2/\text{NDF}: 277.4/14$

-0.012 ± 0.012 $\chi^2/\text{NDF}: 376.4/11$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.723+/-0.003 χ^2/NDF : 130.1/4

Left Out: 0.789+/-0.003 χ^2/NDF : 762.0/9

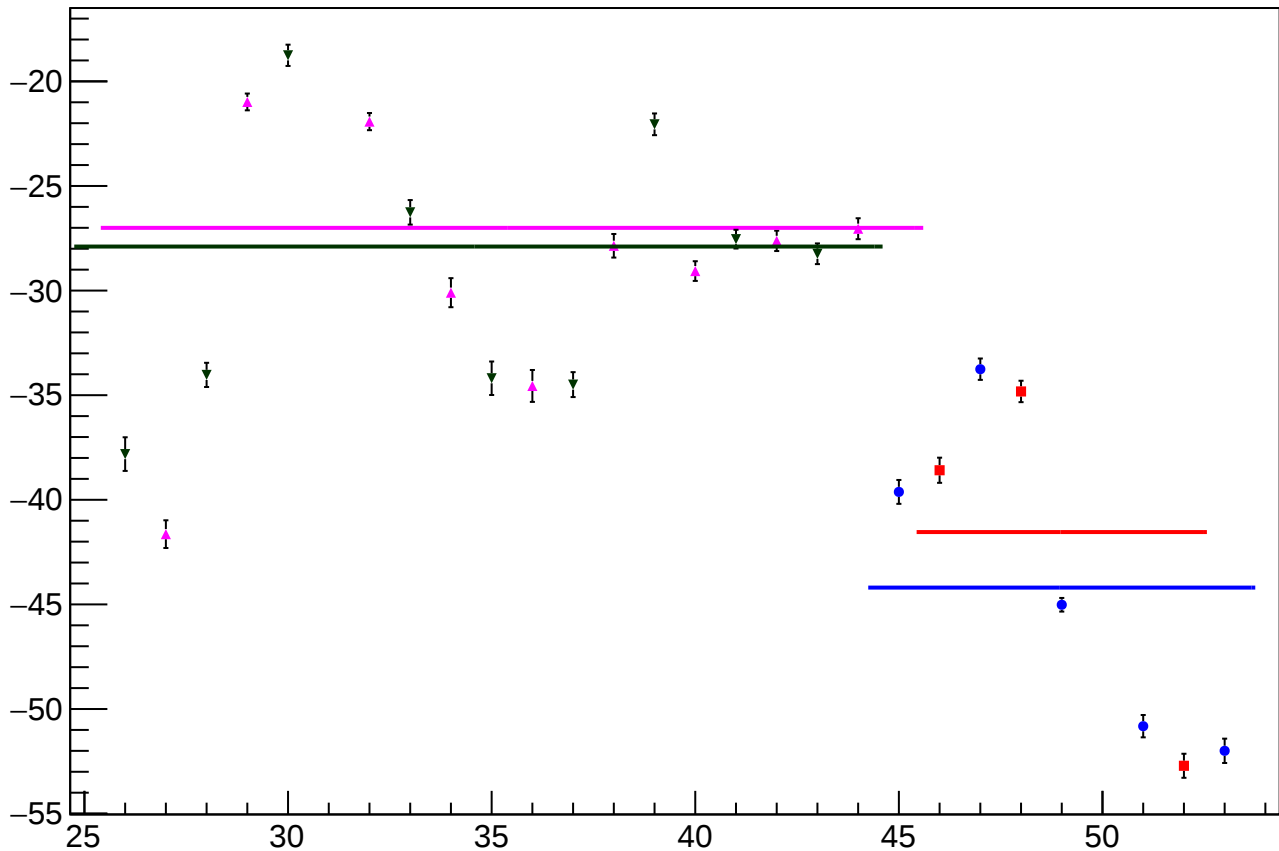
Right Out: 0.726+/-0.005 χ^2/NDF : 48.8/2

Left In: 0.762+/-0.003 χ^2/NDF : 293.1/8

0.763+/-0.002 χ^2/NDF : 1122.3/14

0.752+/-0.002 χ^2/NDF : 381.7/11

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -44.196+/-0.210 χ^2/NDF : 821.9/4

Left Out: -27.895+/-0.187 χ^2/NDF : 907.7/8

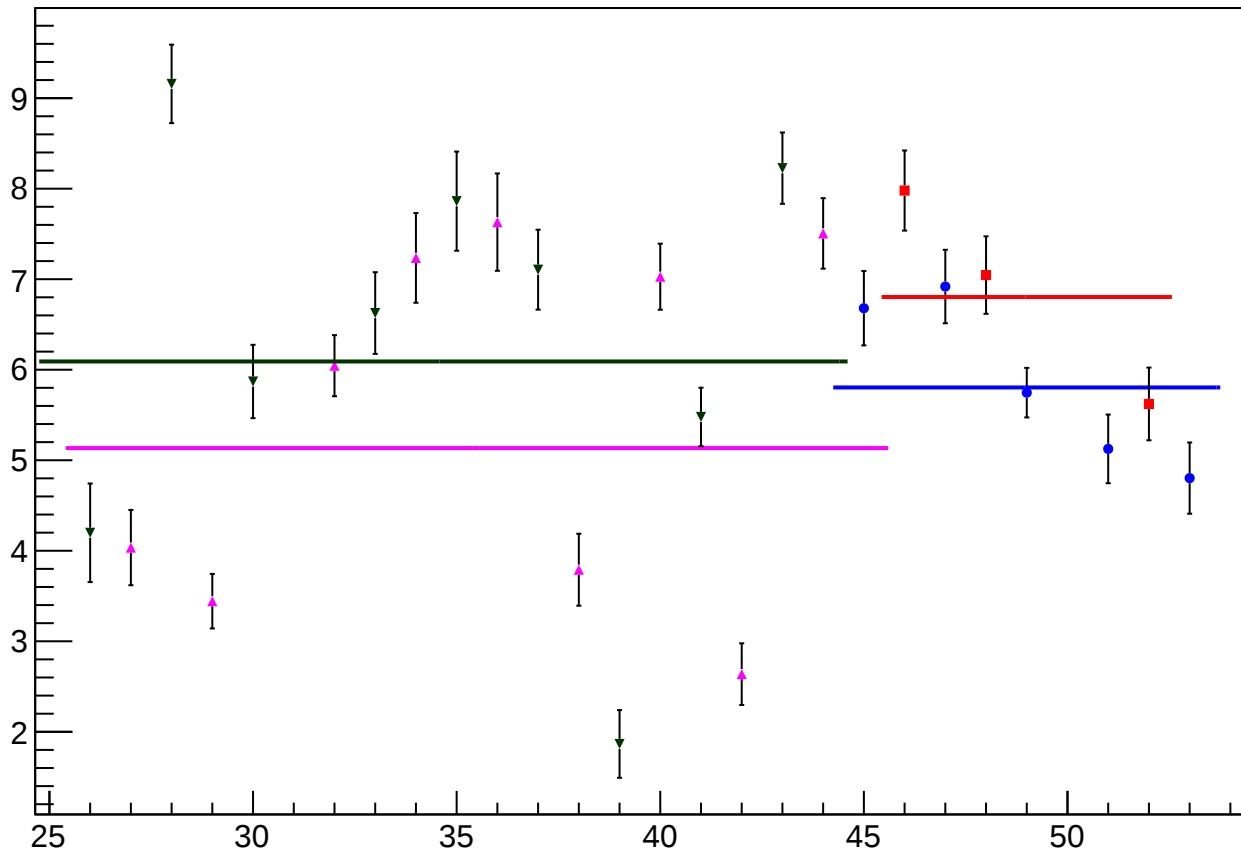
Right Out: -41.542+/-0.323 χ^2/NDF : 574.7/2

Left In: -27.002+/-0.171 χ^2/NDF : 1007.7/8

-35.139+/-0.140 χ^2/NDF : 5093.1/13

-30.200+/-0.151 χ^2/NDF : 3167.9/11

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 5.804 ± 0.161 χ^2/NDF : 21.8/4

Left Out: 6.091 ± 0.140 χ^2/NDF : 240.2/8

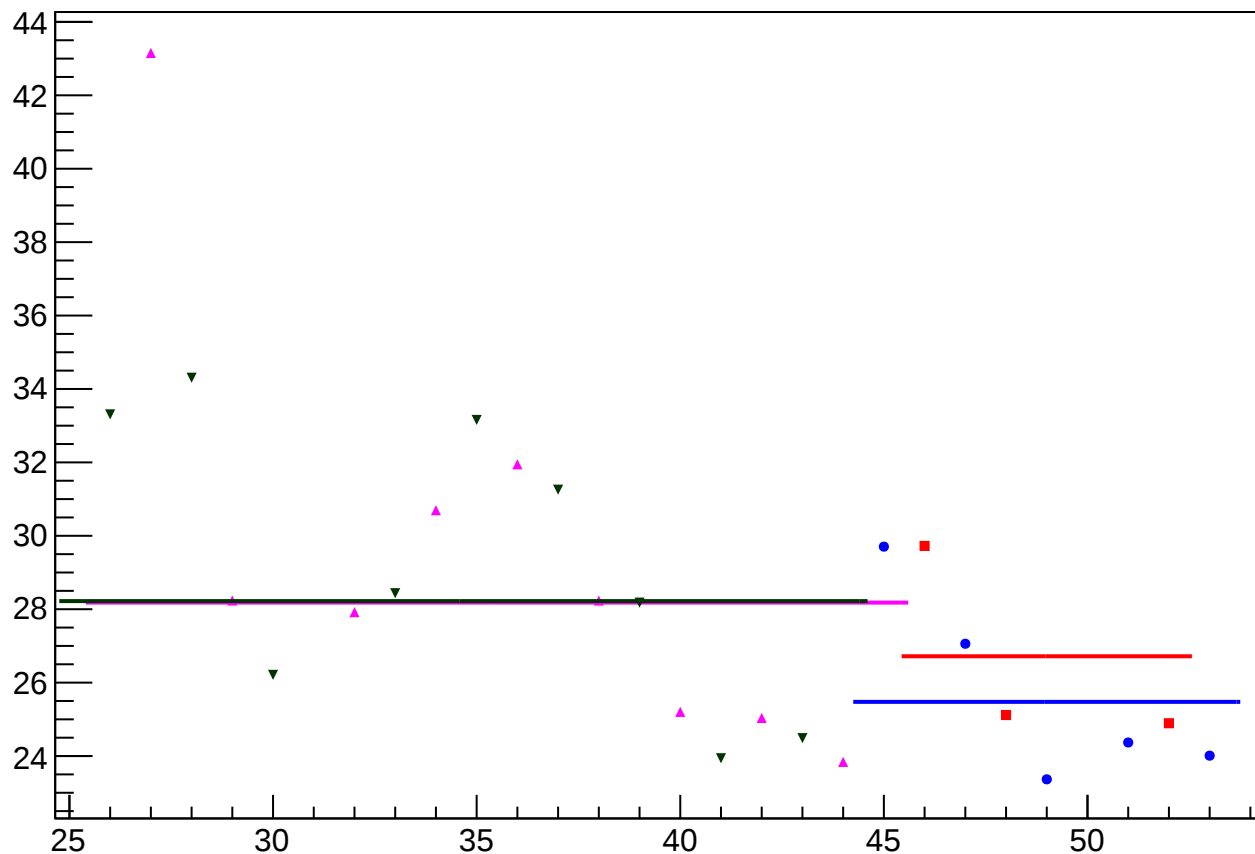
Right Out: 6.803 ± 0.244 χ^2/NDF : 16.0/2

Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

5.968 ± 0.105 χ^2/NDF : 263.8/13

5.489 ± 0.113 χ^2/NDF : 267.3/11

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.476+/-0.038 χ^2/NDF : 3842.1/4

Left Out: 28.221+/-0.031 χ^2/NDF :13048.6/8

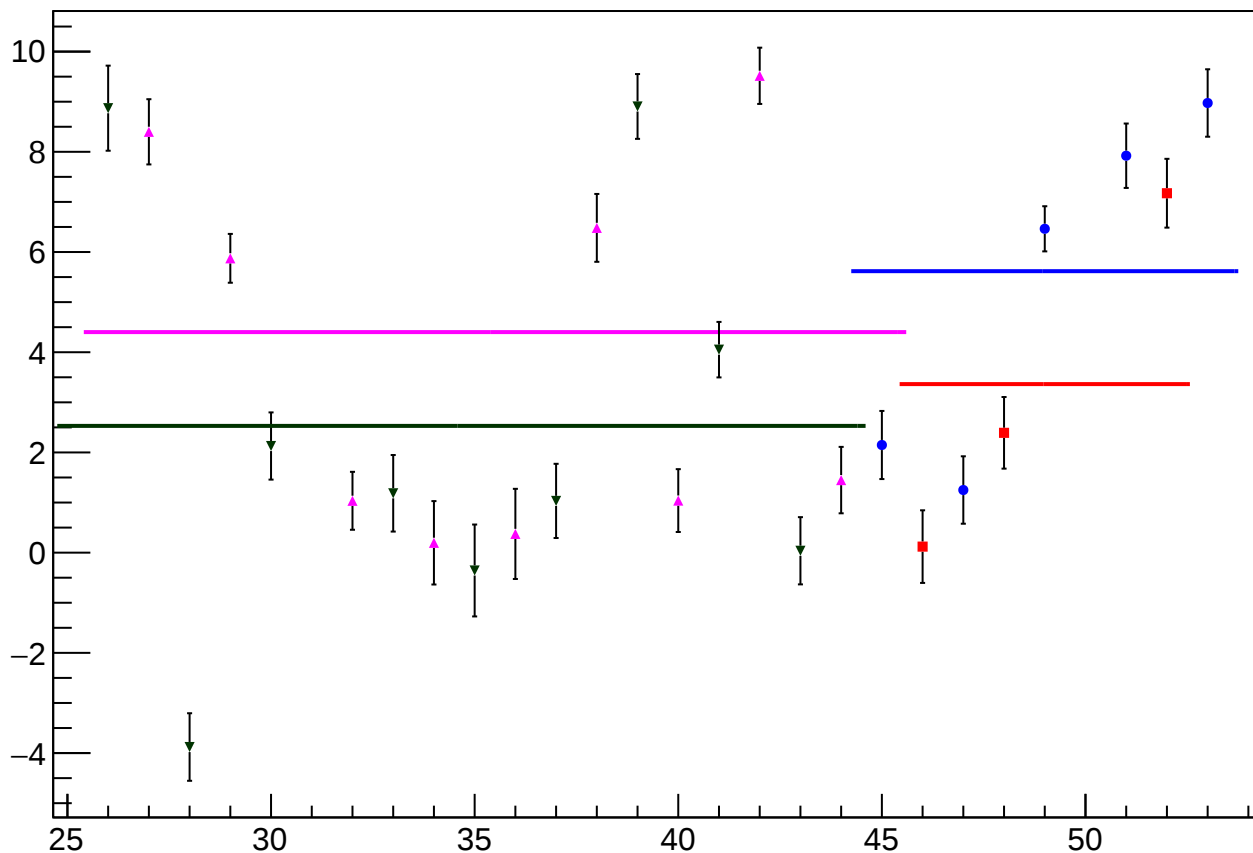
Right Out: 26.718+/-0.054 χ^2/NDF : 1750.7/2

Left In: 28.180+/-0.029 χ^2/NDF :23006.0/8

27.122+/-0.024 χ^2/NDF : 19984.3/13

27.849+/-0.026 χ^2/NDF : 25320.8/11

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 5.618 $\pm$ 0.268 χ^2 /NDF: 109.4/4

Left Out: 2.530 $\pm$ 0.233 χ^2 /NDF: 282.1/8

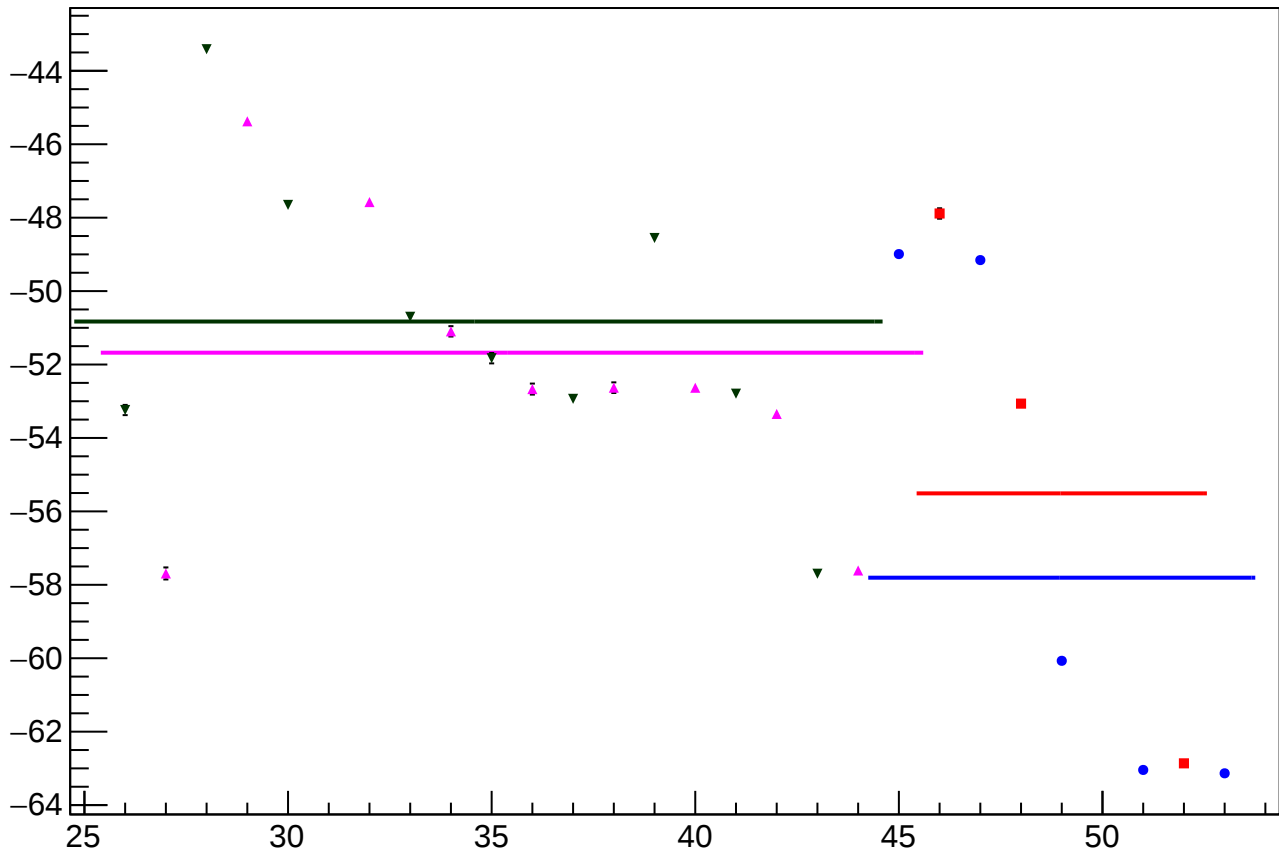
Right Out: 3.364 $\pm$ 0.409 χ^2 /NDF: 52.7/2

Left In: 4.402 $\pm$ 0.211 χ^2 /NDF: 267.4/8

3.860 $\pm$ 0.176 χ^2 /NDF: 467.1/13

4.183 $\pm$ 0.188 χ^2 /NDF: 325.1/11

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -57.806 ± 0.051 χ^2/NDF : 12937.9/4

Left Out: -50.829 ± 0.043 χ^2/NDF : 8463.4/8

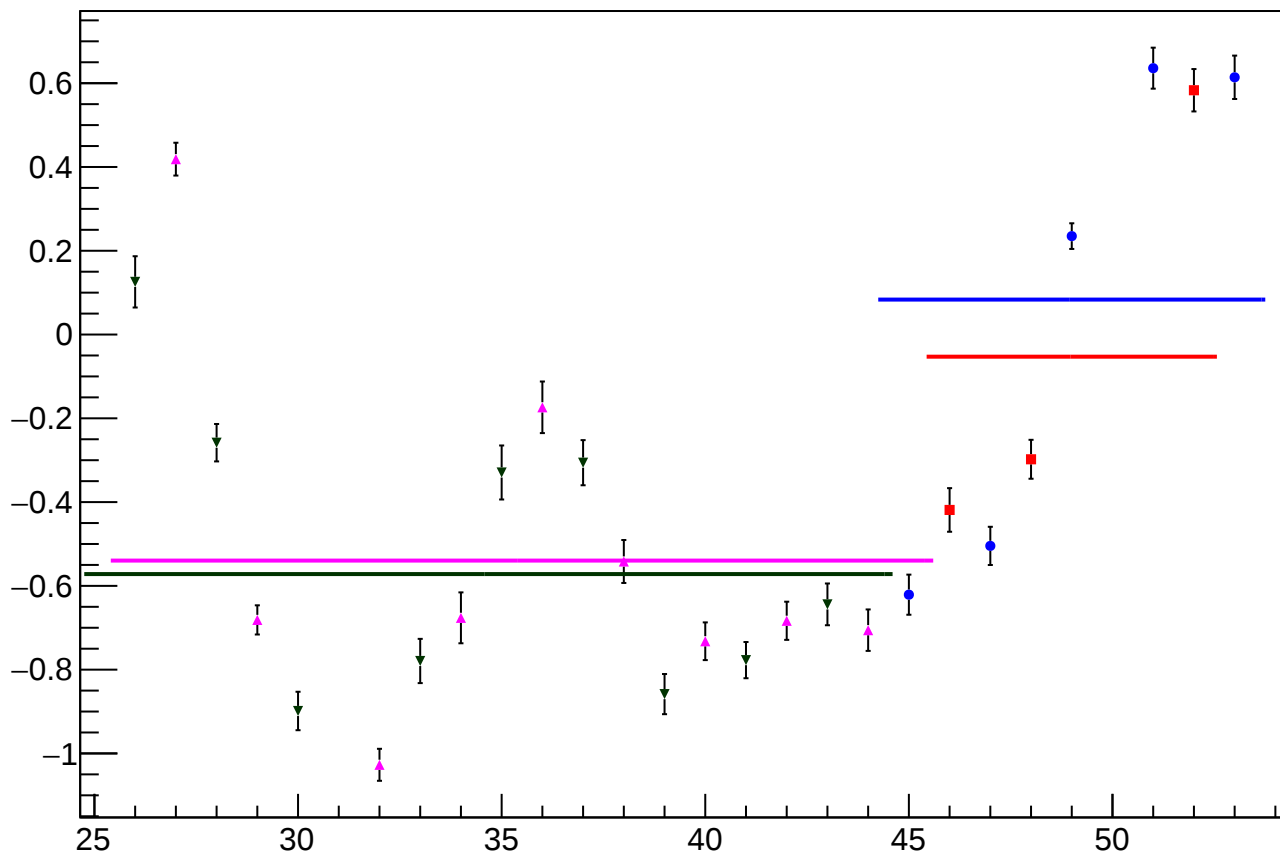
Right Out: -55.510 ± 0.074 χ^2/NDF : 7083.4/2

Left In: -51.678 ± 0.043 χ^2/NDF : 8311.2/8

-53.667 ± 0.033 χ^2/NDF : 32307.0/13

-52.646 ± 0.037 χ^2/NDF : 17373.3/11

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: 0.083+/-0.019 χ^2/NDF : 639.7/4

Left Out: -0.572+/-0.017 χ^2/NDF : 344.3/8

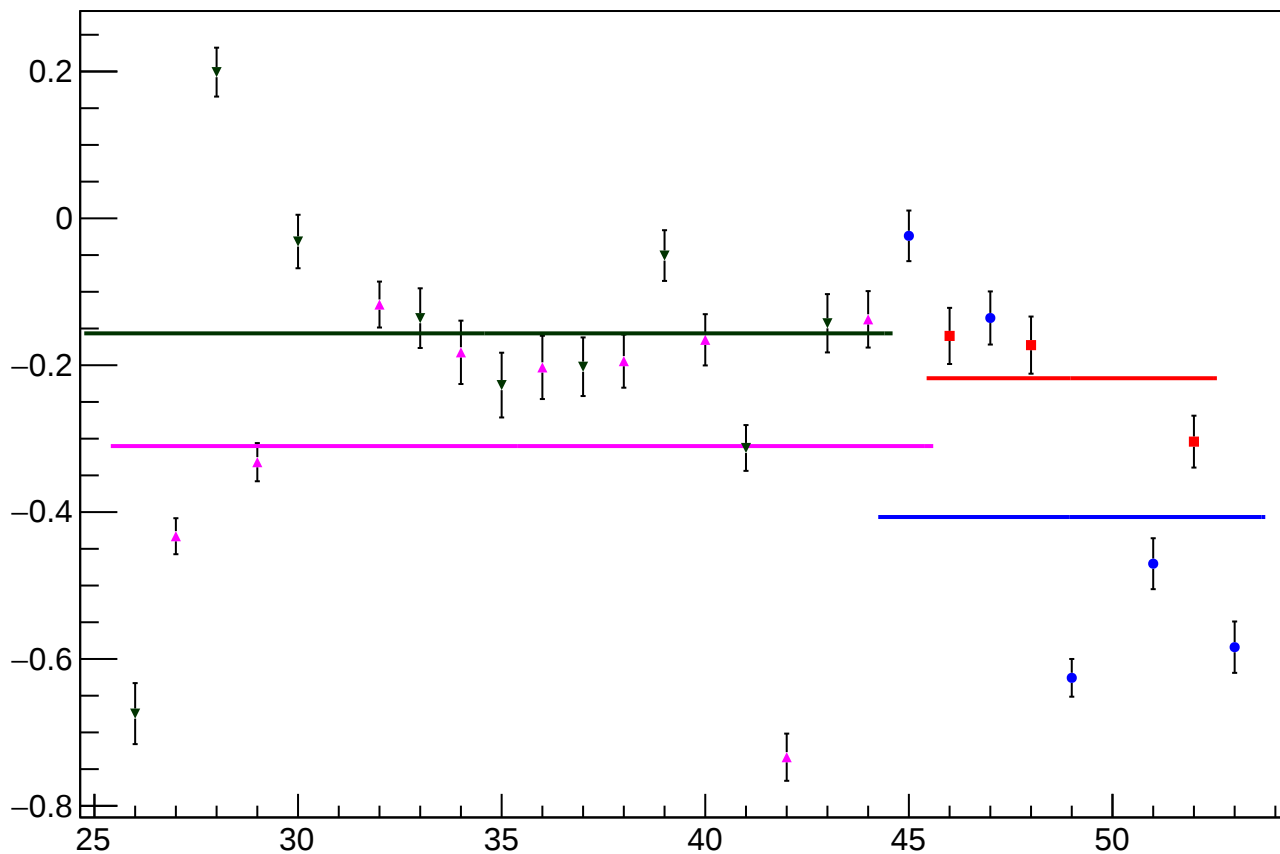
Right Out: -0.053+/-0.029 χ^2/NDF : 235.2/2

Left In: -0.540+/-0.015 χ^2/NDF : 857.8/8

-0.285+/-0.013 χ^2/NDF : 1653.3/13

-0.435+/-0.013 χ^2/NDF : 1320.4/11

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.407 $\pm$ 0.014 χ^2/NDF : 281.4/4

Left Out: -0.157 $\pm$ 0.012 χ^2/NDF : 319.9/8

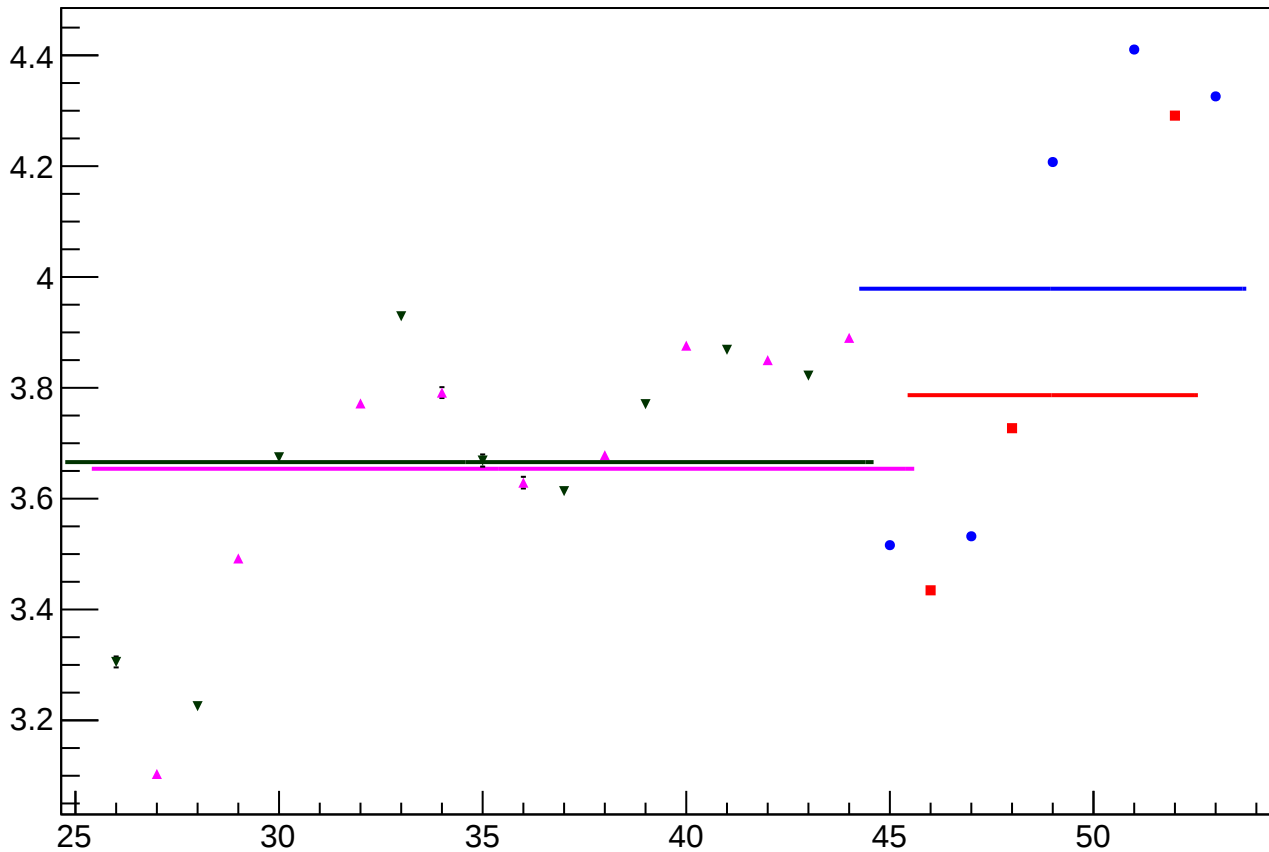
Right Out: -0.218 $\pm$ 0.022 χ^2/NDF : 9.6/2

Left In: -0.310 $\pm$ 0.011 χ^2/NDF : 300.2/8

-0.263 $\pm$ 0.009 χ^2/NDF : 773.2/13

-0.291 $\pm$ 0.010 χ^2/NDF : 324.4/11

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.979+/-0.003 χ^2/NDF : 12319.4/4

Left Out: 3.666+/-0.003 χ^2/NDF : 6812.1/8

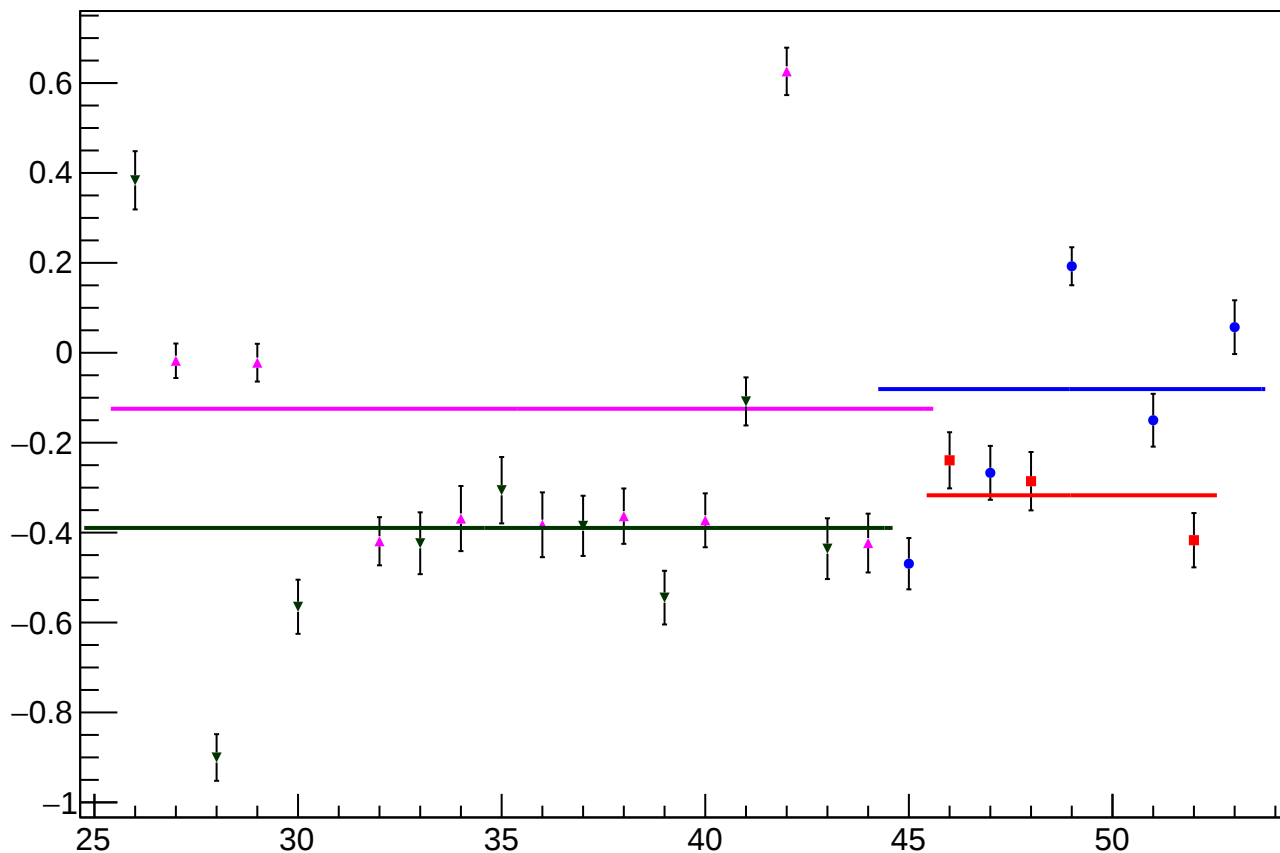
Right Out: 3.787+/-0.005 χ^2/NDF : 5409.4/2

Left In: 3.654+/-0.003 χ^2/NDF : 9614.0/8

3.791+/-0.002 χ^2/NDF : 24115.7/13

3.684+/-0.002 χ^2/NDF : 15618.7/11

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.081 ± 0.024 χ^2/NDF : 104.5/4

Left Out: -0.390 ± 0.021 χ^2/NDF : 284.3/8

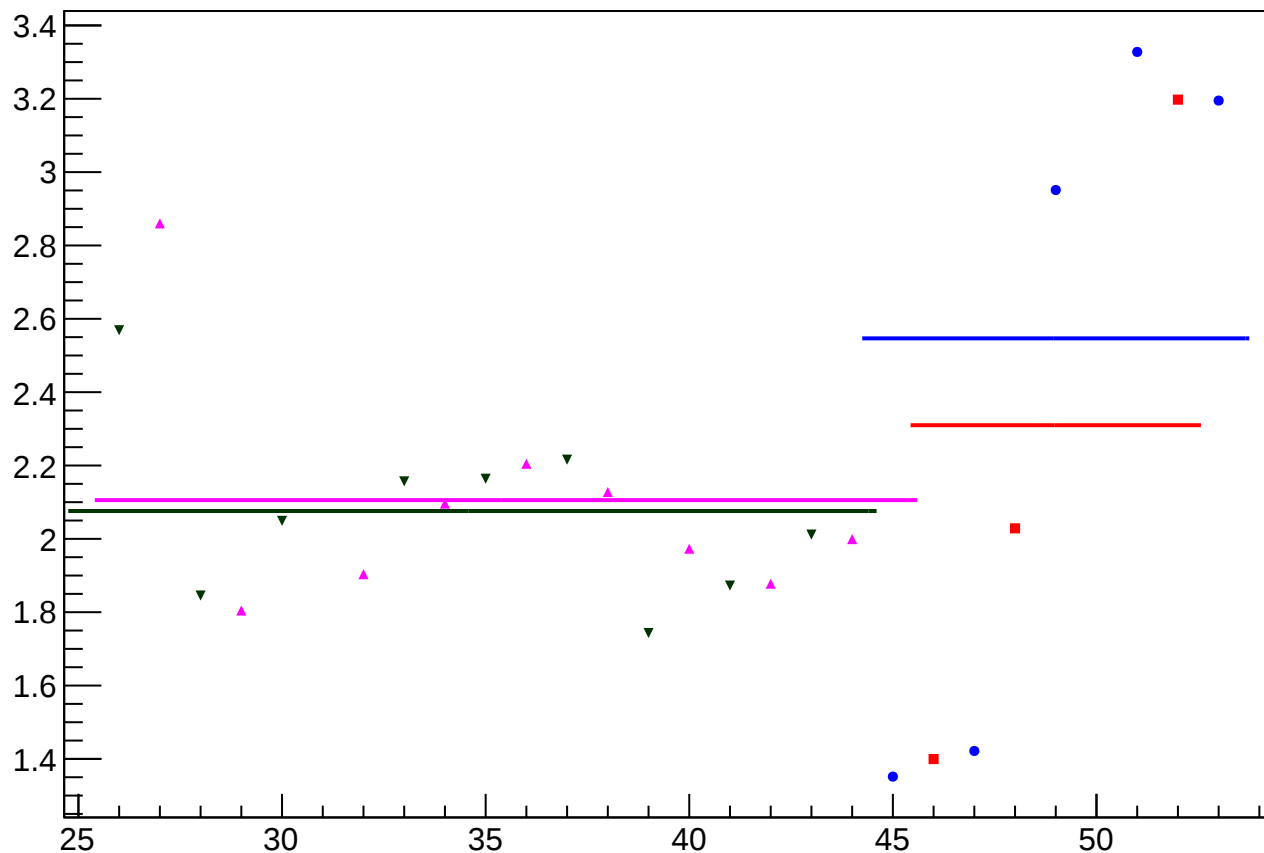
Right Out: -0.317 ± 0.036 χ^2/NDF : 4.5/2

Left In: -0.125 ± 0.018 χ^2/NDF : 323.9/8

-0.259 ± 0.016 χ^2/NDF : 483.5/13

-0.163 ± 0.016 χ^2/NDF : 351.2/11

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.547 $\pm$ 0.005 χ^2 /NDF: 31032.6/4

Left Out: 2.076 $\pm$ 0.004 χ^2 /NDF: 4099.9/8

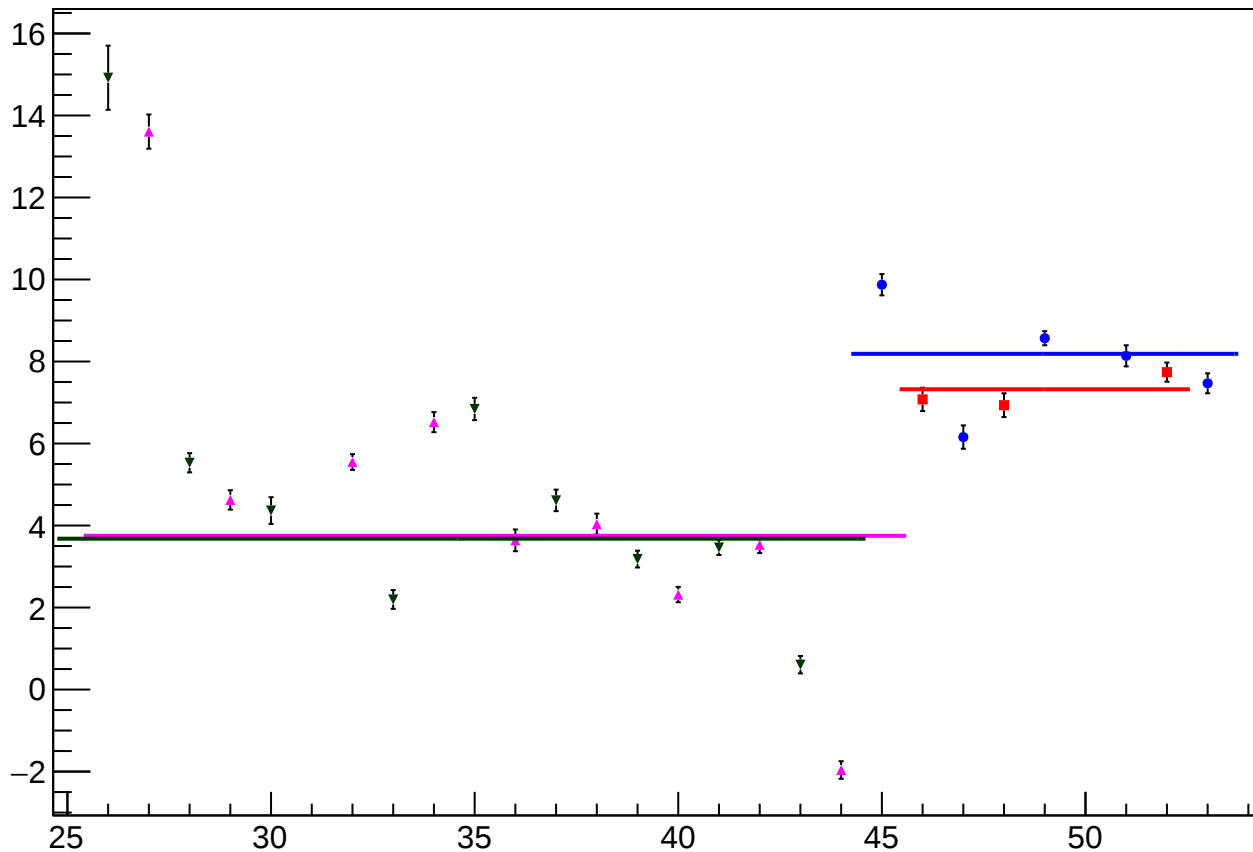
Right Out: 2.310 $\pm$ 0.007 χ^2 /NDF: 13323.6/2

Left In: 2.106 $\pm$ 0.004 χ^2 /NDF: 7840.2/8

2.261 $\pm$ 0.003 χ^2 /NDF: 41400.8/13

2.156 $\pm$ 0.003 χ^2 /NDF: 21893.1/11

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.188+/-0.104 χ^2/NDF : 106.6/4

Left Out: 3.679+/-0.081 χ^2/NDF : 680.5/8

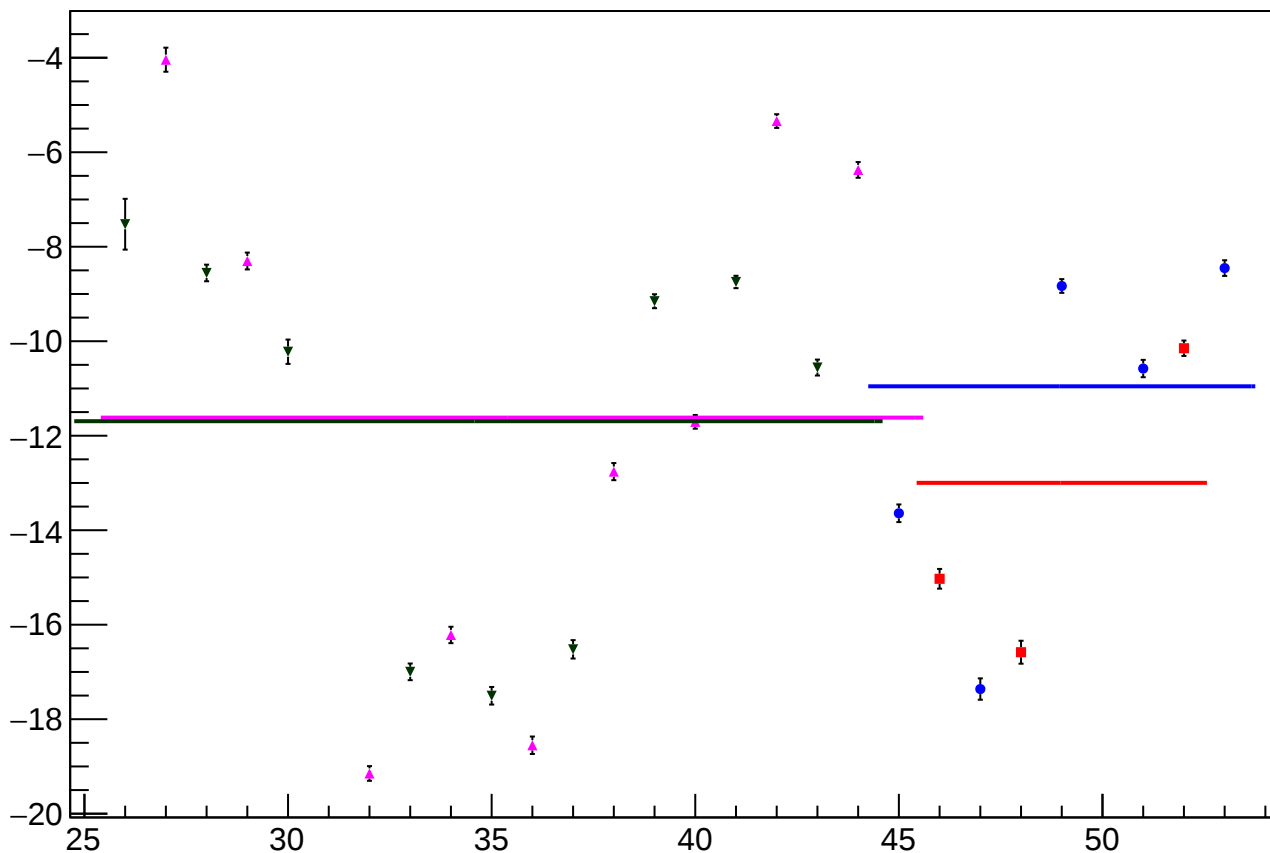
Right Out: 7.323+/-0.153 χ^2/NDF : 5.8/2

Left In: 3.750+/-0.076 χ^2/NDF : 1559.7/8

5.381+/-0.064 χ^2/NDF : 1959.6/13

4.463+/-0.068 χ^2/NDF : 2001.6/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -10.954±/0.079 χ^2/NDF : 1455.8/4

Left Out: -11.693±/0.060 χ^2/NDF : 3755.5/8

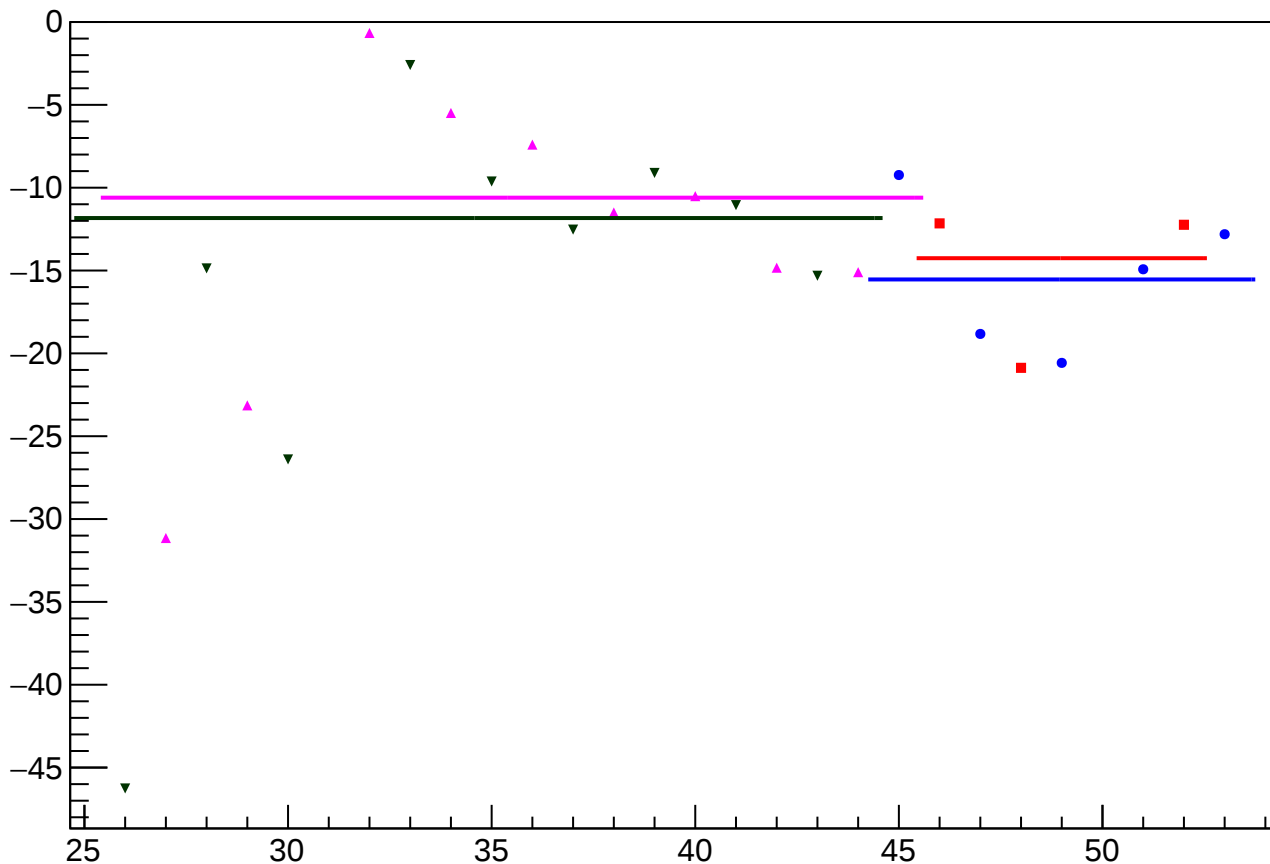
Right Out: -12.997±/0.113 χ^2/NDF : 618.8/2

Left In: -11.617±/0.057 χ^2/NDF : 8593.0/8

-11.421±/0.048 χ^2/NDF : 5267.0/13

-11.892±/0.051 χ^2/NDF : 9330.3/11

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -15.539 $\pm$ 0.019 χ^2 /NDF: 52446.1/4

Left Out: -11.832 $\pm$ 0.014 χ^2 /NDF: 233309.0/8

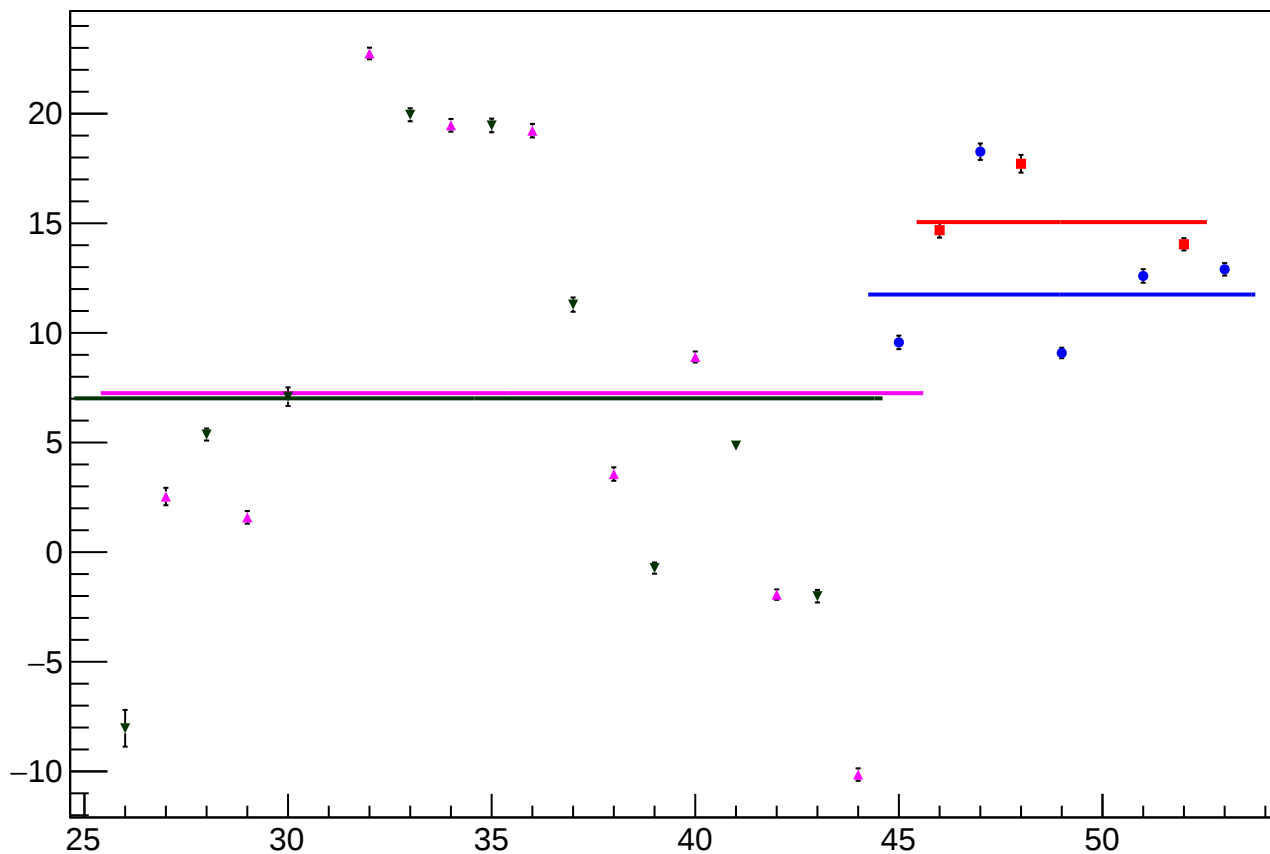
Right Out: -14.256 $\pm$ 0.026 χ^2 /NDF: 20724.9/2

Left In: -10.602 $\pm$ 0.013 χ^2 /NDF: 320496.8/8

-13.097 $\pm$ 0.011 χ^2 /NDF: 311446.1/13

-11.339 $\pm$ 0.012 χ^2 /NDF: 357447.1/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 11.750 $\pm$ 0.132 χ^2 /NDF: 500.6/4

Left Out: 7.015 $\pm$ 0.101 χ^2 /NDF: 6009.5/8

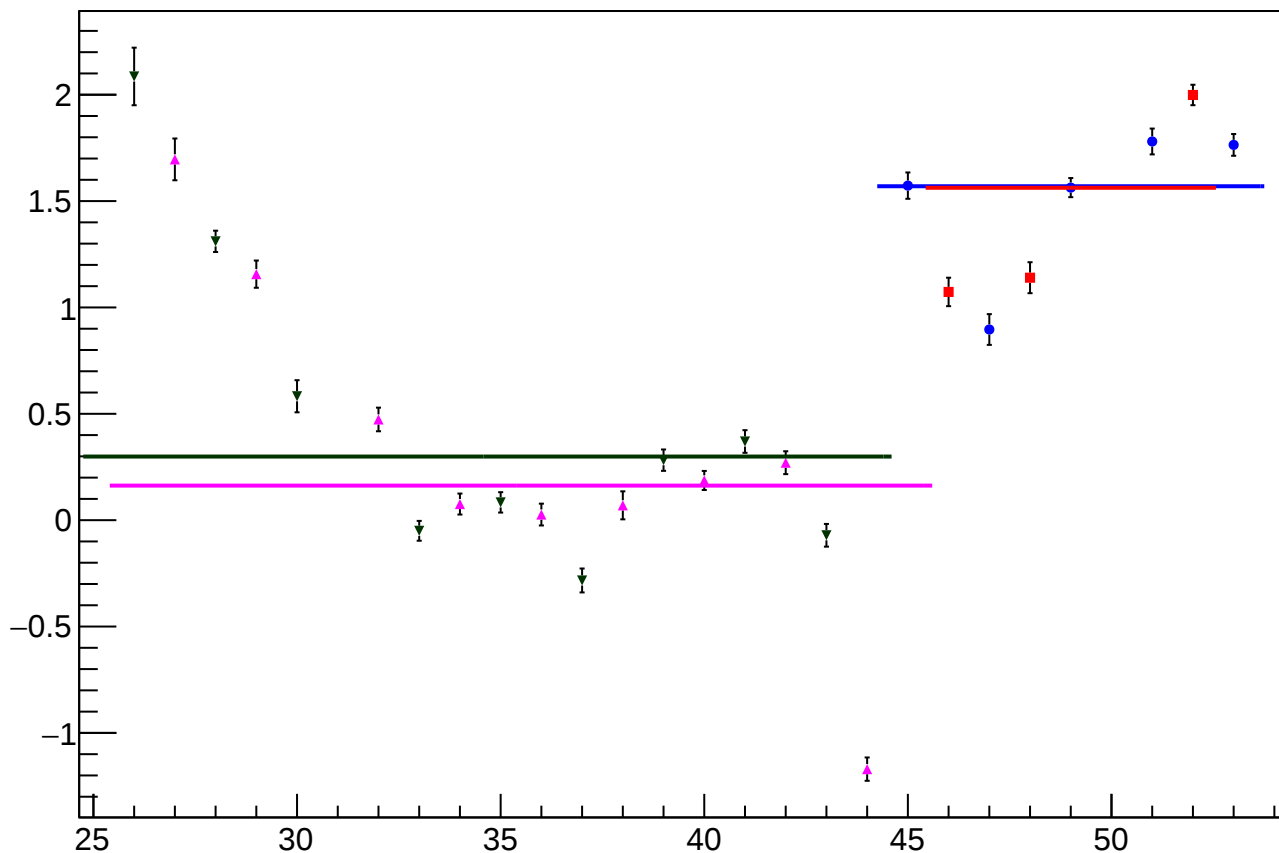
Right Out: 15.053 $\pm$ 0.190 χ^2 /NDF: 57.5/2

Left In: 7.253 $\pm$ 0.095 χ^2 /NDF: 12650.2/8

8.766 $\pm$ 0.080 χ^2 /NDF: 7326.8/13

8.800 $\pm$ 0.085 χ^2 /NDF: 14053.6/11

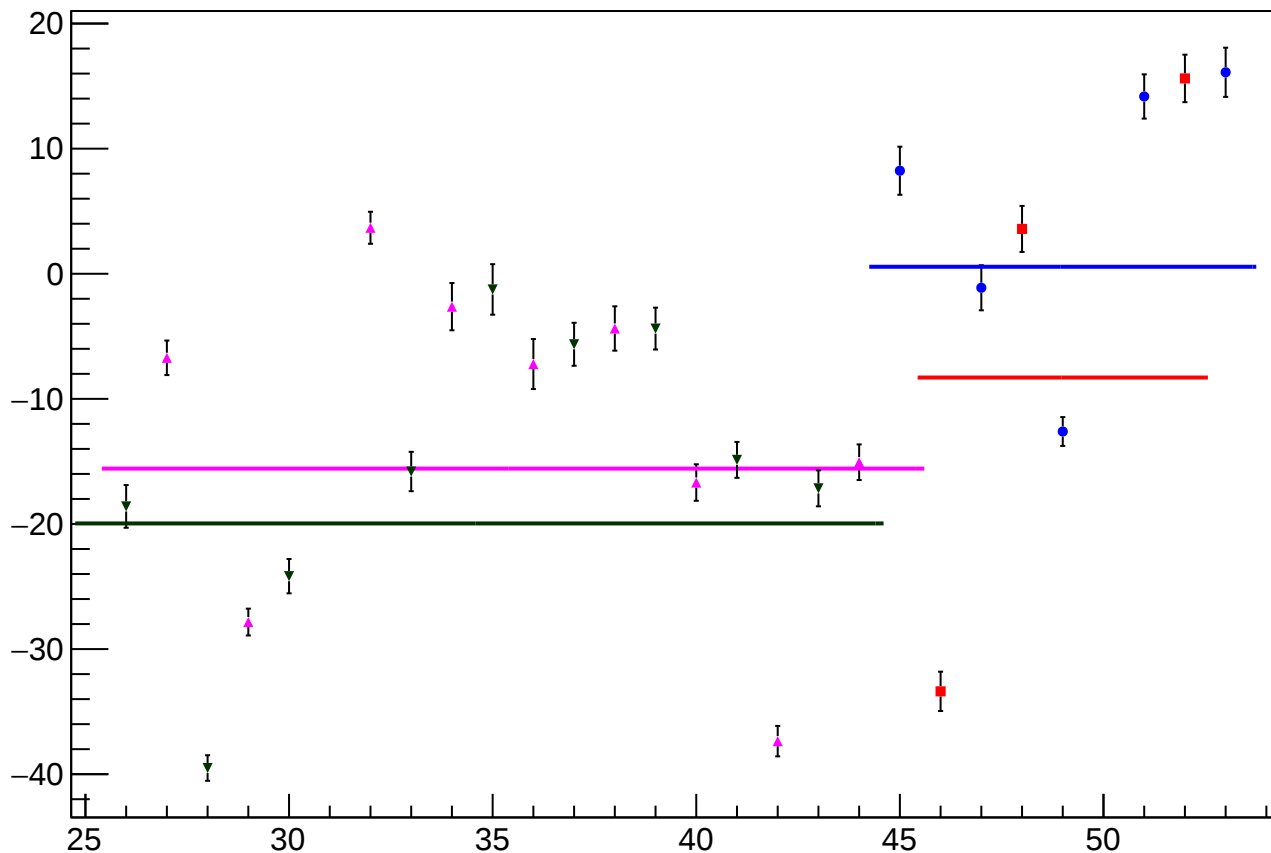
reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



0.747 $\pm$ 0.015 χ^2/NDF : 2616.1/13

0.481 $\pm$ 0.016 χ^2/NDF : 2573.3/11

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: 0.559 ± 0.723 χ^2/NDF : 269.2/4

Left Out: -19.957 ± 0.491 χ^2/NDF : 641.8/8

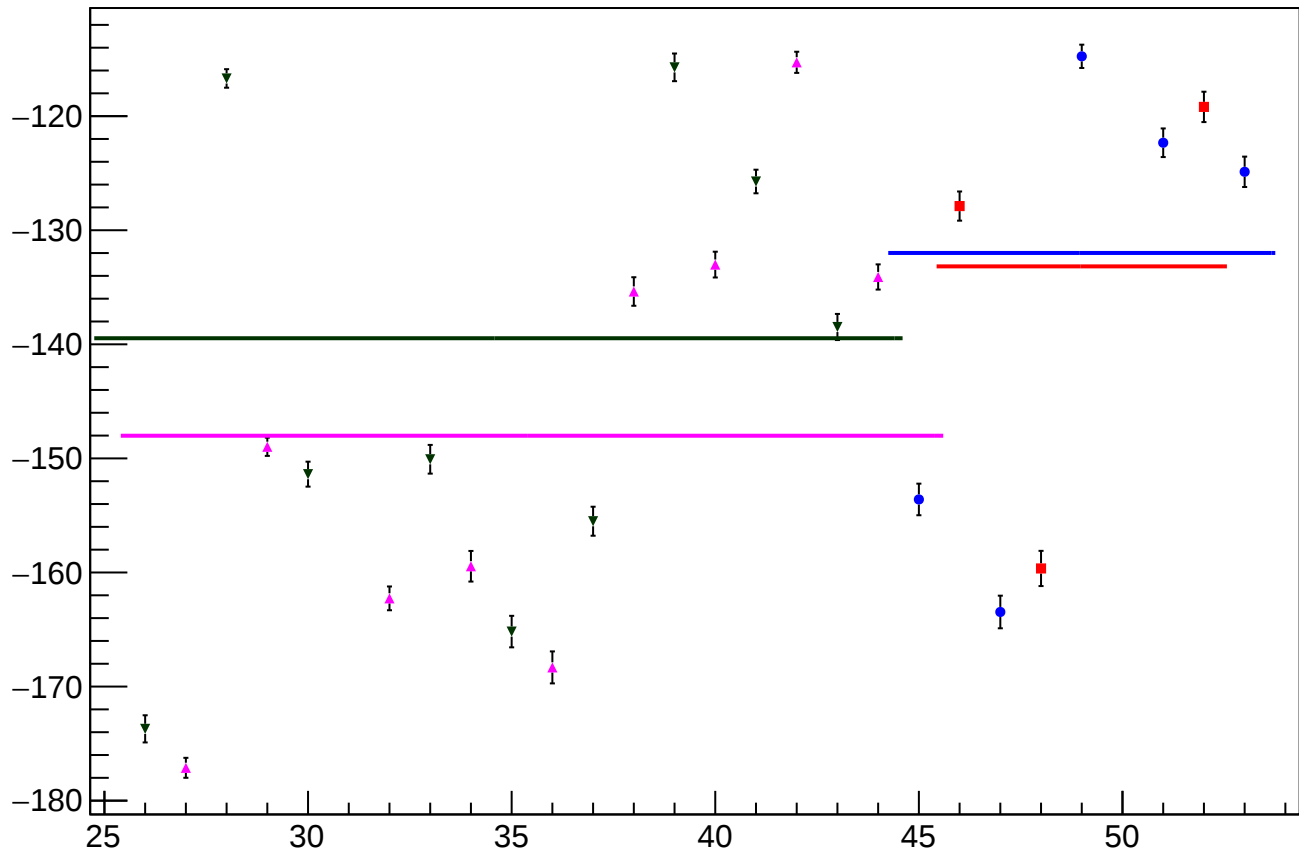
Right Out: -8.294 ± 1.011 χ^2/NDF : 454.9/2

Left In: -15.574 ± 0.472 χ^2/NDF : 824.1/8

-13.487 ± 0.406 χ^2/NDF : 1461.7/13

-14.274 ± 0.427 χ^2/NDF : 1321.6/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -131.992 $\pm$ 0.562 χ^2 /NDF: 1100.2/4

Left Out: -139.468 $\pm$ 0.373 χ^2 /NDF: 2867.0/8

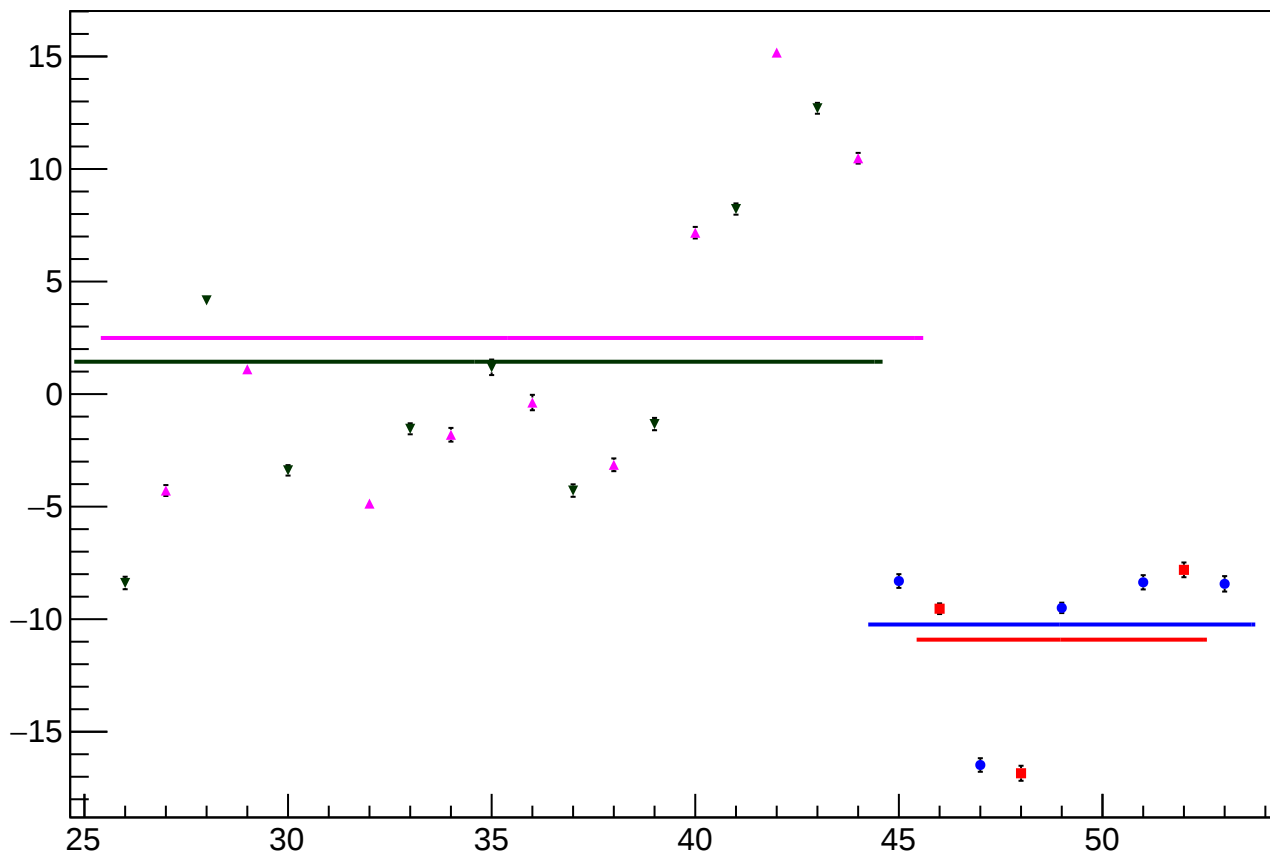
Right Out: -133.168 $\pm$ 0.791 χ^2 /NDF: 422.1/2

Left In: -148.012 $\pm$ 0.348 χ^2 /NDF: 3260.5/8

-137.184 $\pm$ 0.311 χ^2 /NDF: 4090.2/13

-145.607 $\pm$ 0.319 χ^2 /NDF: 3977.4/11

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -10.236 ± 0.130 χ^2/NDF : 540.5/4

Left Out: 1.438 ± 0.083 χ^2/NDF : 5473.4/8

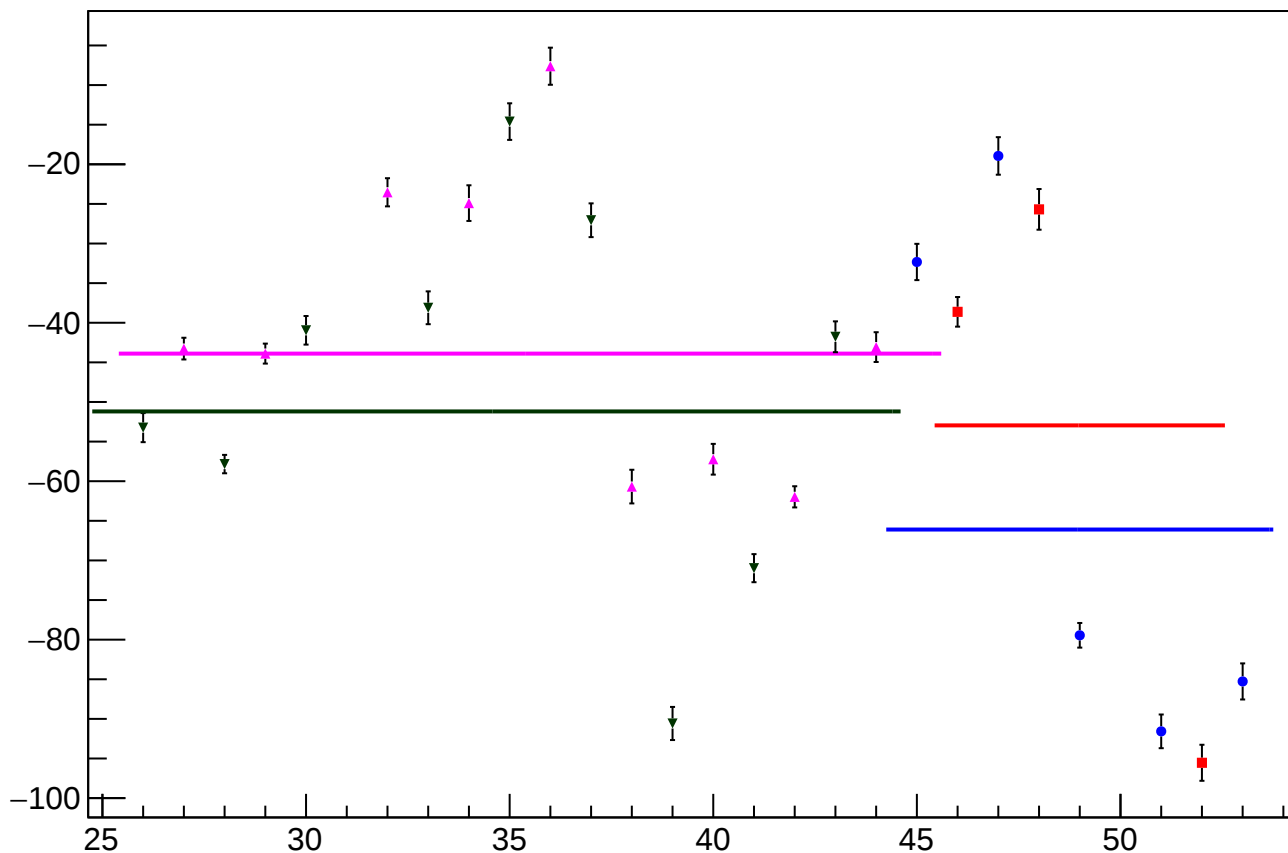
Right Out: -10.909 ± 0.167 χ^2/NDF : 438.4/2

Left In: 2.493 ± 0.081 χ^2/NDF : 7773.3/8

-1.931 ± 0.070 χ^2/NDF : 11719.8/13

-0.070 ± 0.073 χ^2/NDF : 13430.3/11

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -66.100+/-0.914 χ^2/NDF : 902.0/4

Left Out: -51.194+/-0.598 χ^2/NDF : 988.3/8

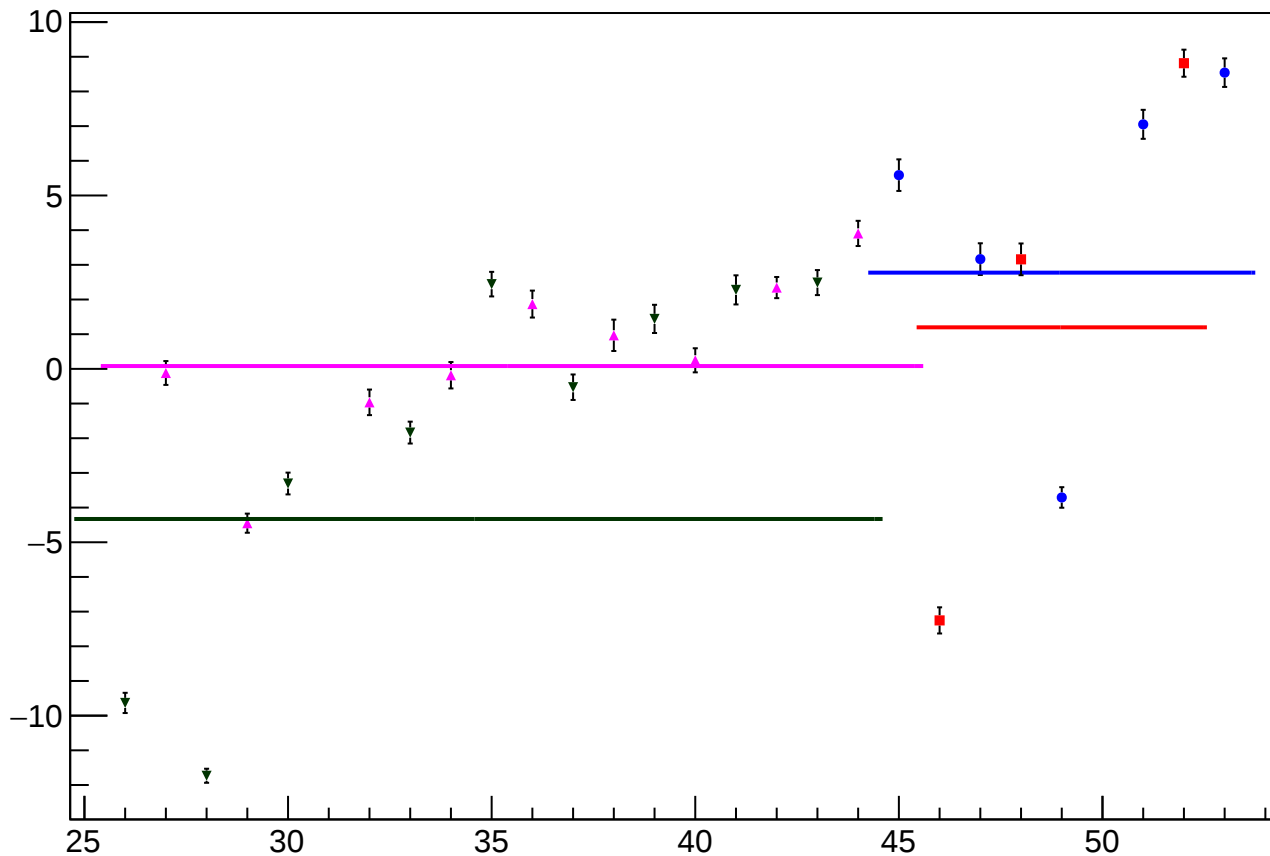
Right Out: -52.955+/-1.259 χ^2/NDF : 522.2/2

Left In: -43.896+/-0.560 χ^2/NDF : 735.5/8

-55.659+/-0.500 χ^2/NDF : 2076.5/13

-45.392+/-0.512 χ^2/NDF : 1300.9/11

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 2.775 ± 0.175 χ^2/NDF : 818.0/4

Left Out: -4.329 ± 0.105 χ^2/NDF : 3013.7/8

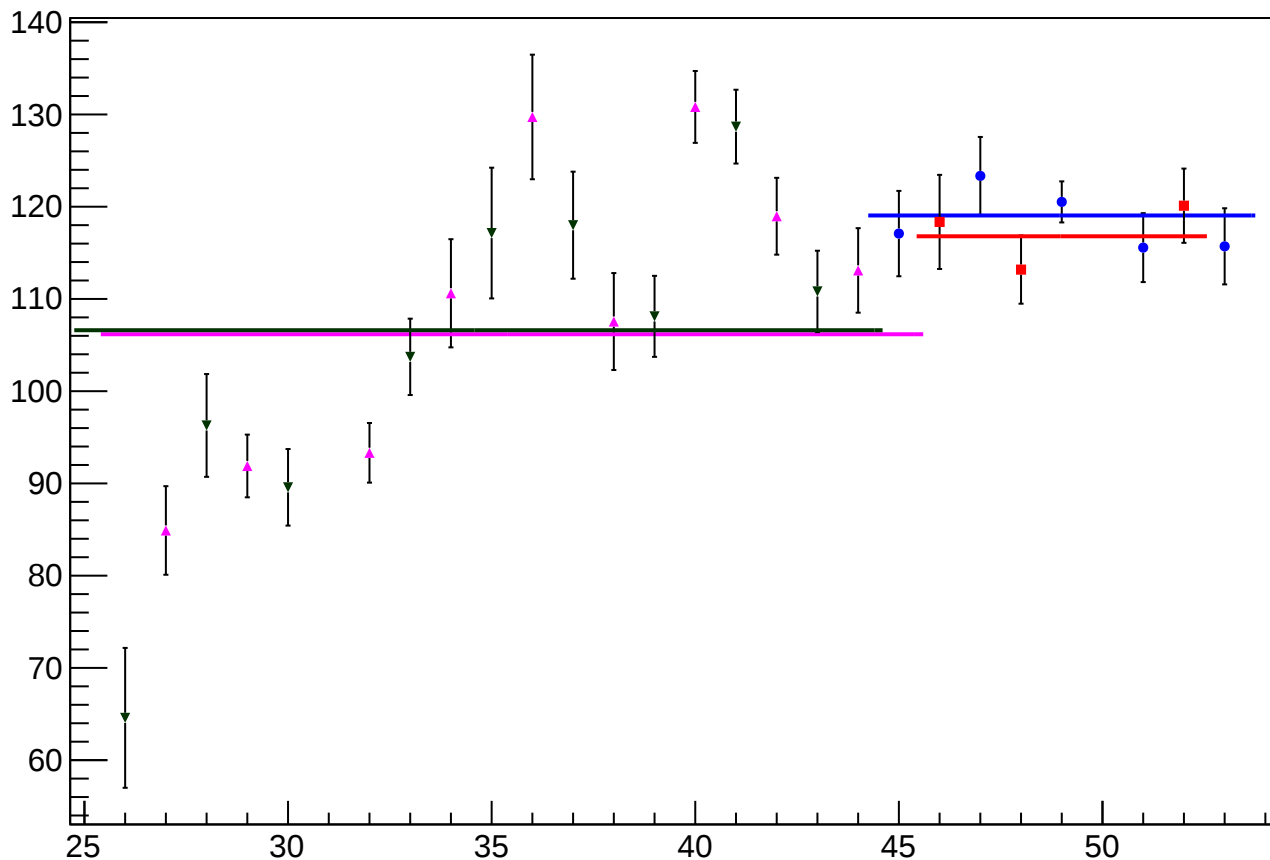
Right Out: 1.198 ± 0.233 χ^2/NDF : 900.9/2

Left In: 0.081 ± 0.116 χ^2/NDF : 470.0/8

-2.455 ± 0.090 χ^2/NDF : 5043.4/13

0.304 ± 0.104 χ^2/NDF : 1389.2/11

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 119.049 $\pm$ 1.516 χ^2 /NDF: 3.2/4

Left Out: 106.609 $\pm$ 1.619 χ^2 /NDF: 89.0/8

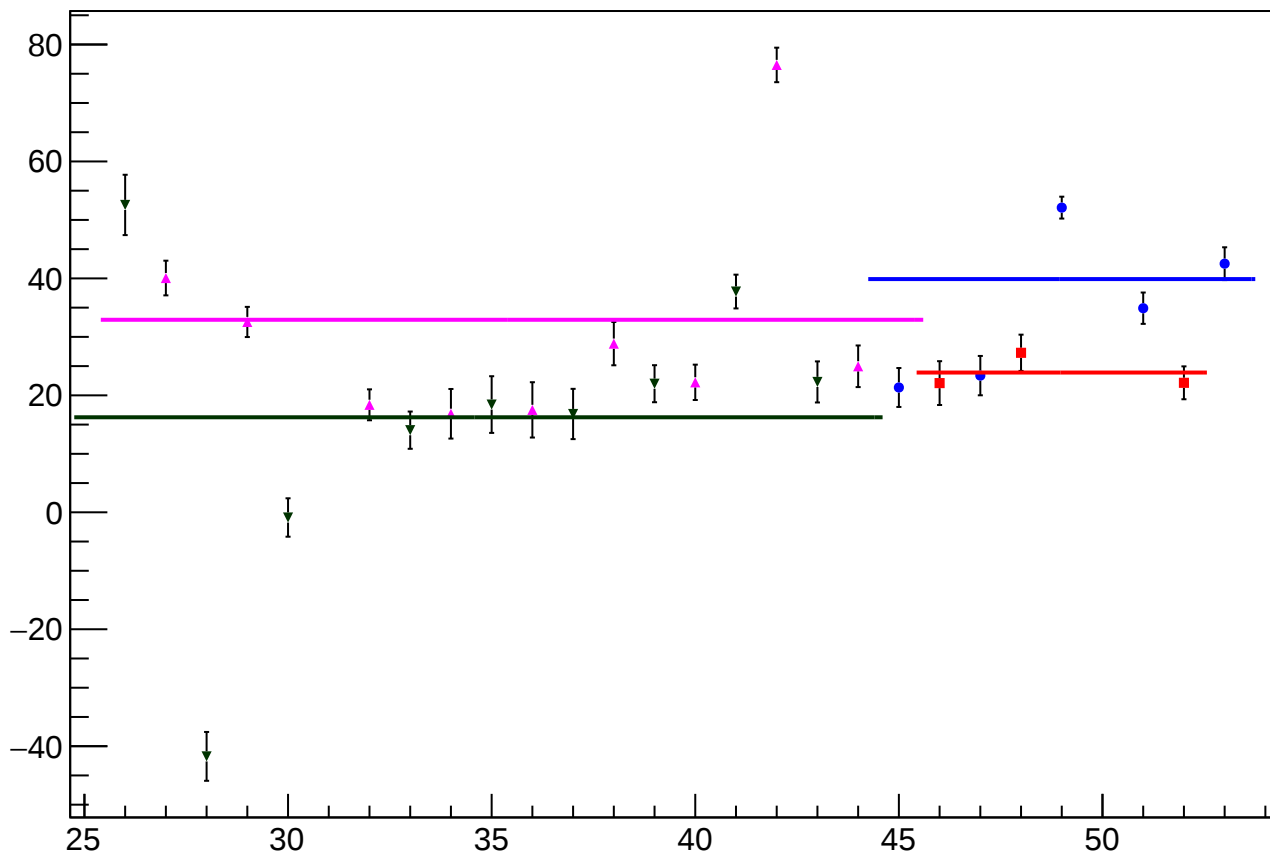
Right Out: 116.794 $\pm$ 2.402 χ^2 /NDF: 1.7/2

Left In: 106.172 $\pm$ 1.438 χ^2 /NDF: 117.6/8

113.238 $\pm$ 1.107 χ^2 /NDF: 123.6/13

108.974 $\pm$ 1.233 χ^2 /NDF: 133.7/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 39.884 $\pm$ 1.170 χ^2 /NDF: 102.1/4

Left Out: 16.249 $\pm$ 1.210 χ^2 /NDF: 332.0/8

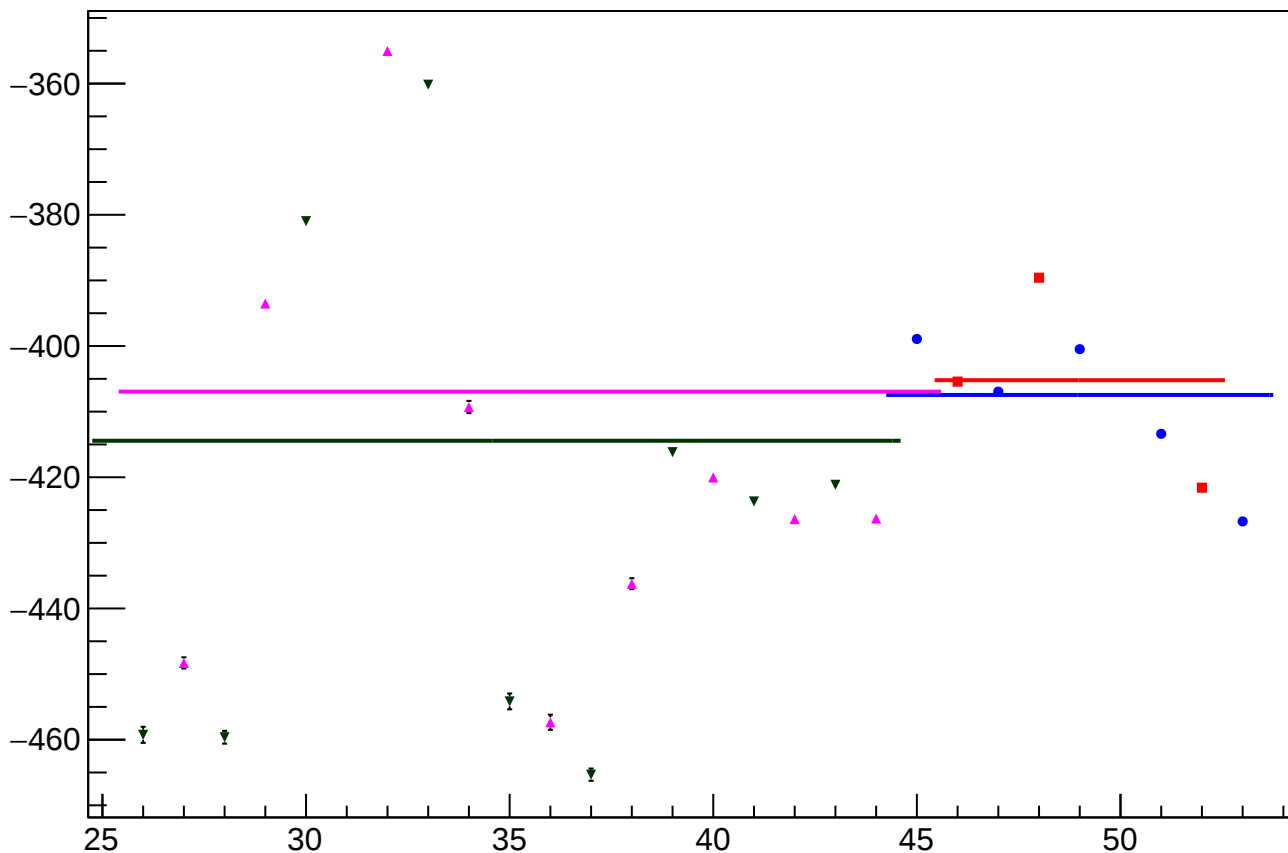
Right Out: 23.901 $\pm$ 1.821 χ^2 /NDF: 1.8/2

Left In: 32.924 $\pm$ 1.064 χ^2 /NDF: 297.8/8

28.460 $\pm$ 0.841 χ^2 /NDF: 631.3/13

30.627 $\pm$ 0.919 χ^2 /NDF: 317.9/11

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -407.455+/-0.280 χ^2/NDF : 1156.8/4

Left Out: -414.439+/-0.270 χ^2/NDF : 17107.4/8

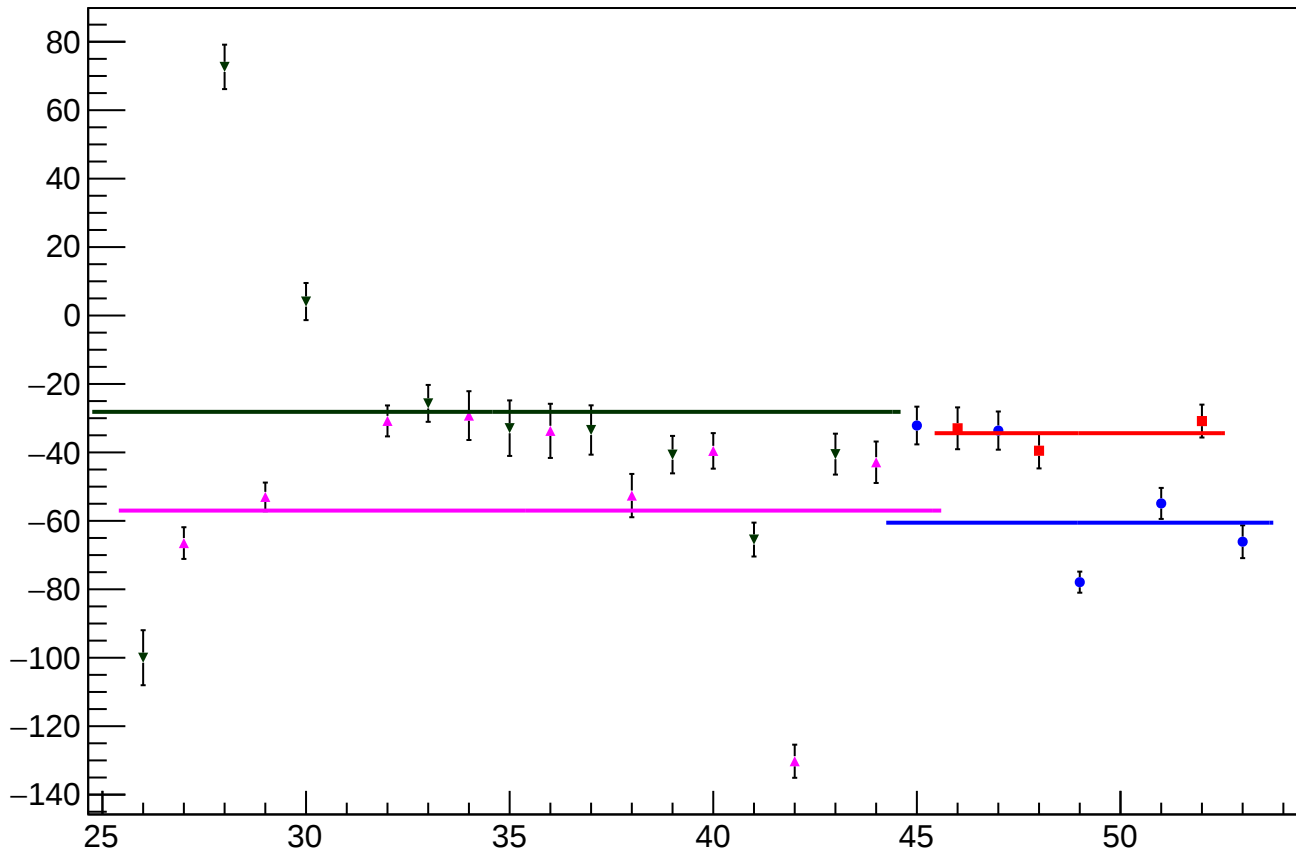
Right Out: -405.208+/-0.410 χ^2/NDF : 1086.5/2

Left In: -406.947+/-0.246 χ^2/NDF : 18132.7/8

-411.080+/-0.194 χ^2/NDF : 18586.0/13

-406.486+/-0.211 χ^2/NDF : 19232.4/11

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -60.537 $\pm$ 1.952 χ^2 /NDF: 84.5/4

Left Out: -28.145 $\pm$ 2.024 χ^2 /NDF: 423.8/8

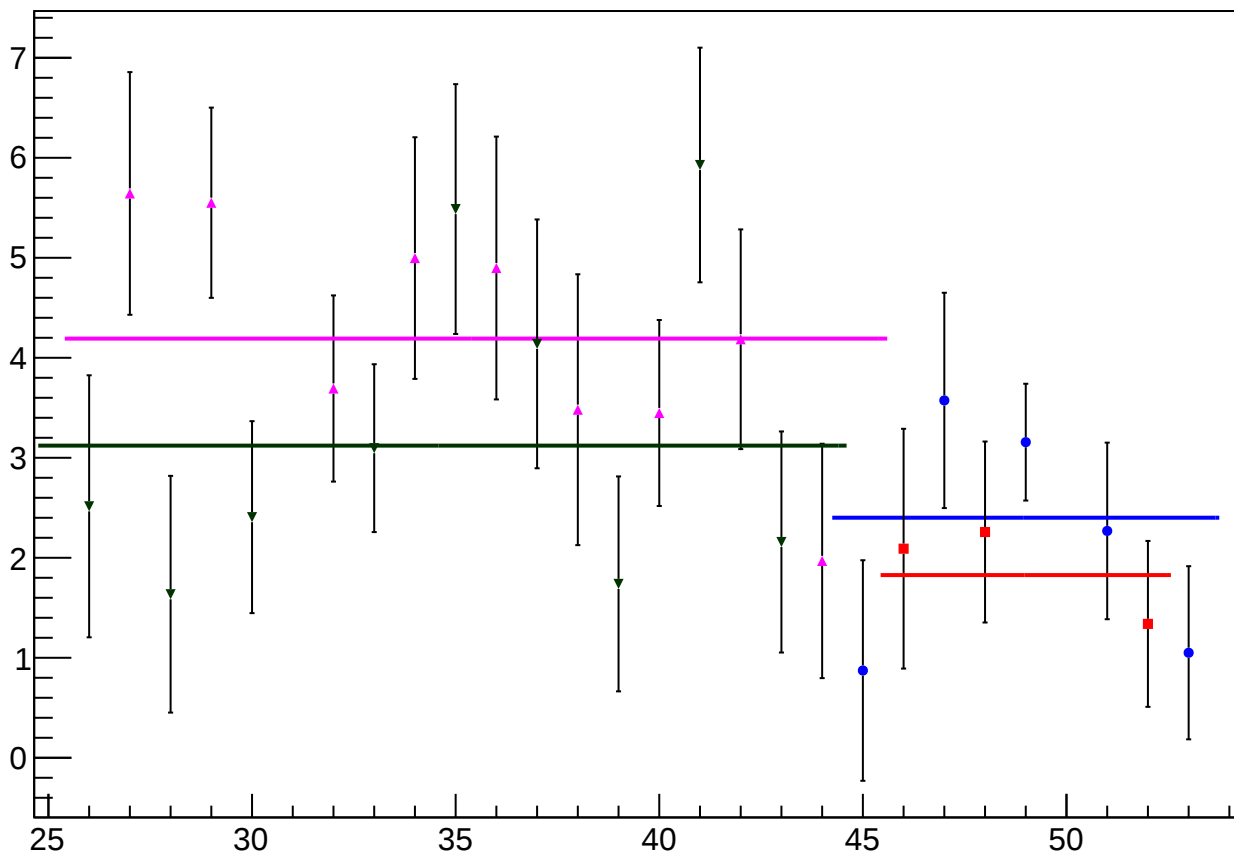
Right Out: -34.383 $\pm$ 3.050 χ^2 /NDF: 1.6/2

Left In: -56.997 $\pm$ 1.767 χ^2 /NDF: 308.5/8

-44.925 $\pm$ 1.405 χ^2 /NDF: 641.0/13

-51.314 $\pm$ 1.529 χ^2 /NDF: 351.3/11

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 2.401 $\pm$ 0.372 χ^2/NDF : 7.2/4

Left Out: 3.122 $\pm$ 0.365 χ^2/NDF :14.7/8

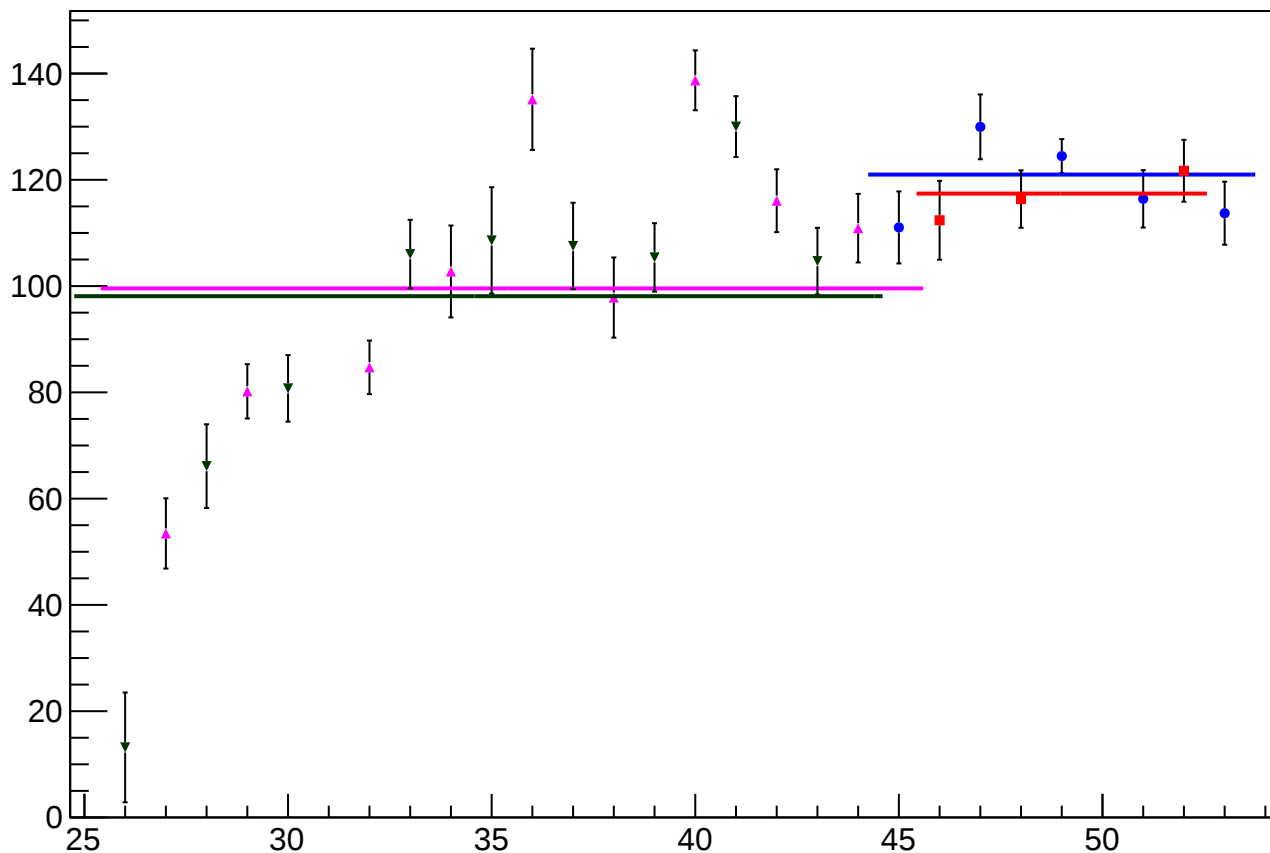
Right Out: 1.827 $\pm$ 0.545 χ^2/NDF : 0.6/2

Left In: 4.192 $\pm$ 0.366 χ^2/NDF :9.0/8

2.768 $\pm$ 0.261 χ^2/NDF : 23.9/13

3.456 $\pm$ 0.304 χ^2/NDF : 22.6/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 120.988 $\pm$ 2.188 χ^2/NDF : 7.7/4

Left Out: 98.102 $\pm$ 2.356 χ^2/NDF :129.1/8

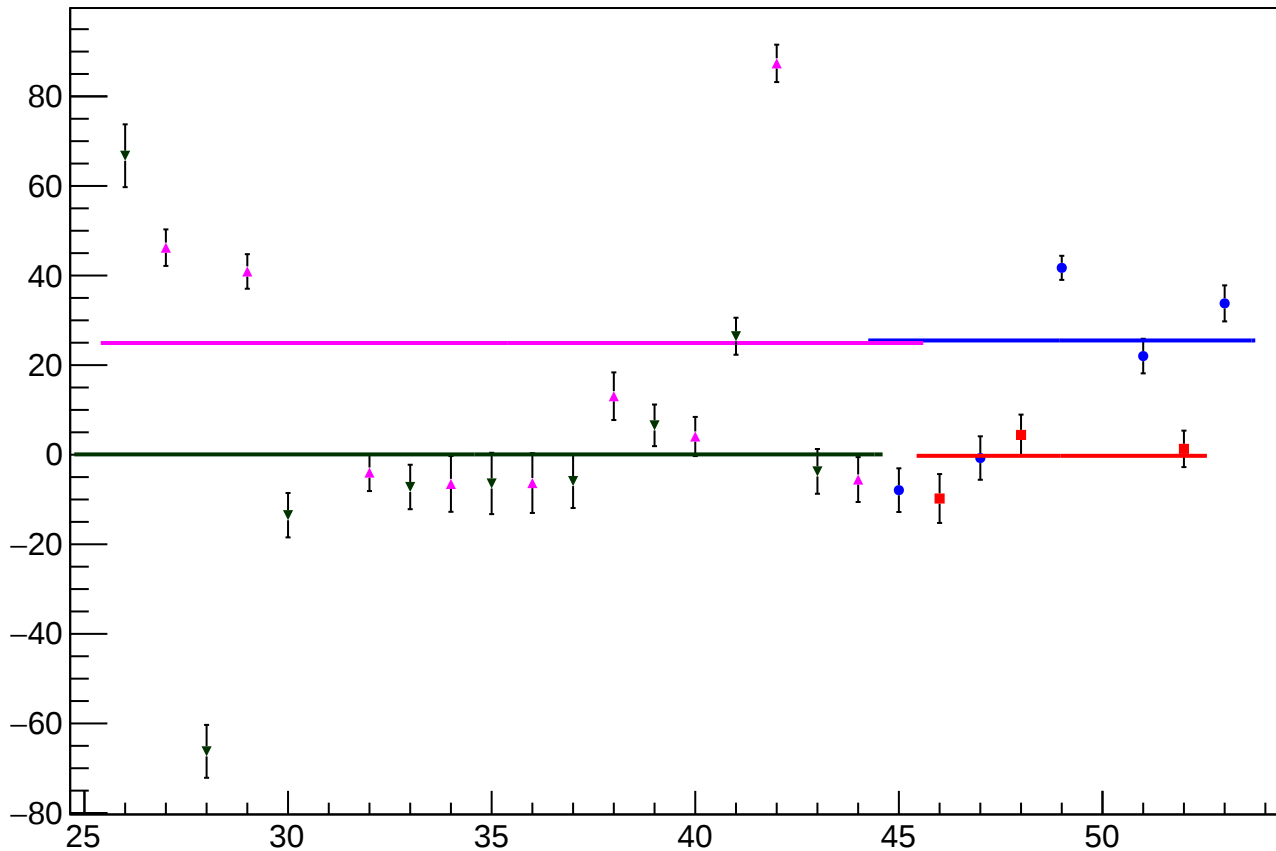
Right Out: 117.410 $\pm$ 3.495 χ^2/NDF : 1.0/2

Left In: 99.563 $\pm$ 2.101 χ^2/NDF :145.0/8

110.390 $\pm$ 1.603 χ^2/NDF : 187.4/13

104.300 $\pm$ 1.801 χ^2/NDF : 165.2/11

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 25.503 ± 1.686 χ^2/NDF : 117.7/4

Left Out: 0.065 ± 1.757 χ^2/NDF : 271.1/8

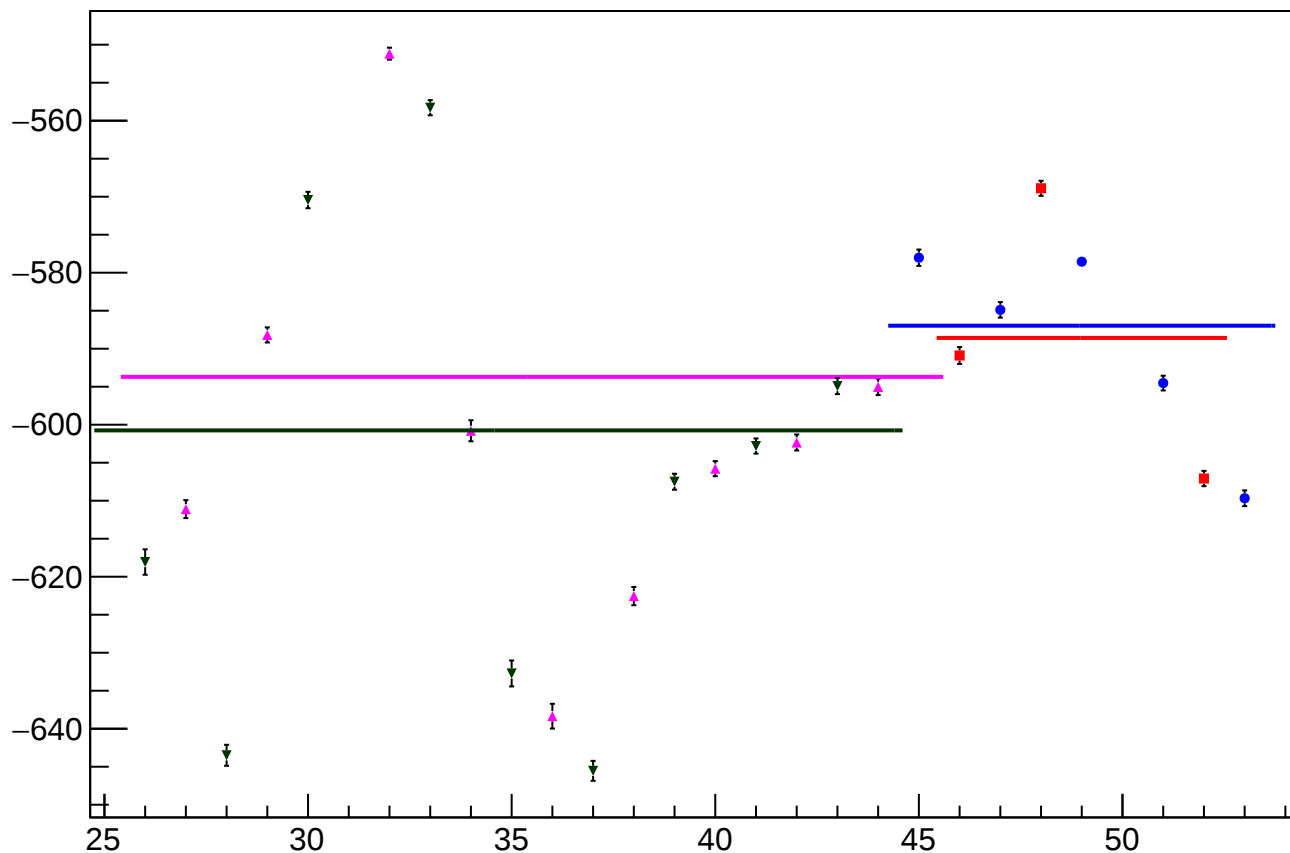
Right Out: -0.251 ± 2.649 χ^2/NDF : 4.3/2

Left In: 24.937 ± 1.545 χ^2/NDF : 429.3/8

13.305 ± 1.216 χ^2/NDF : 497.9/13

18.546 ± 1.334 χ^2/NDF : 501.0/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -586.974+/-0.405 χ^2/NDF : 775.3/4

Left Out: -600.749+/-0.393 χ^2/NDF : 5250.8/8

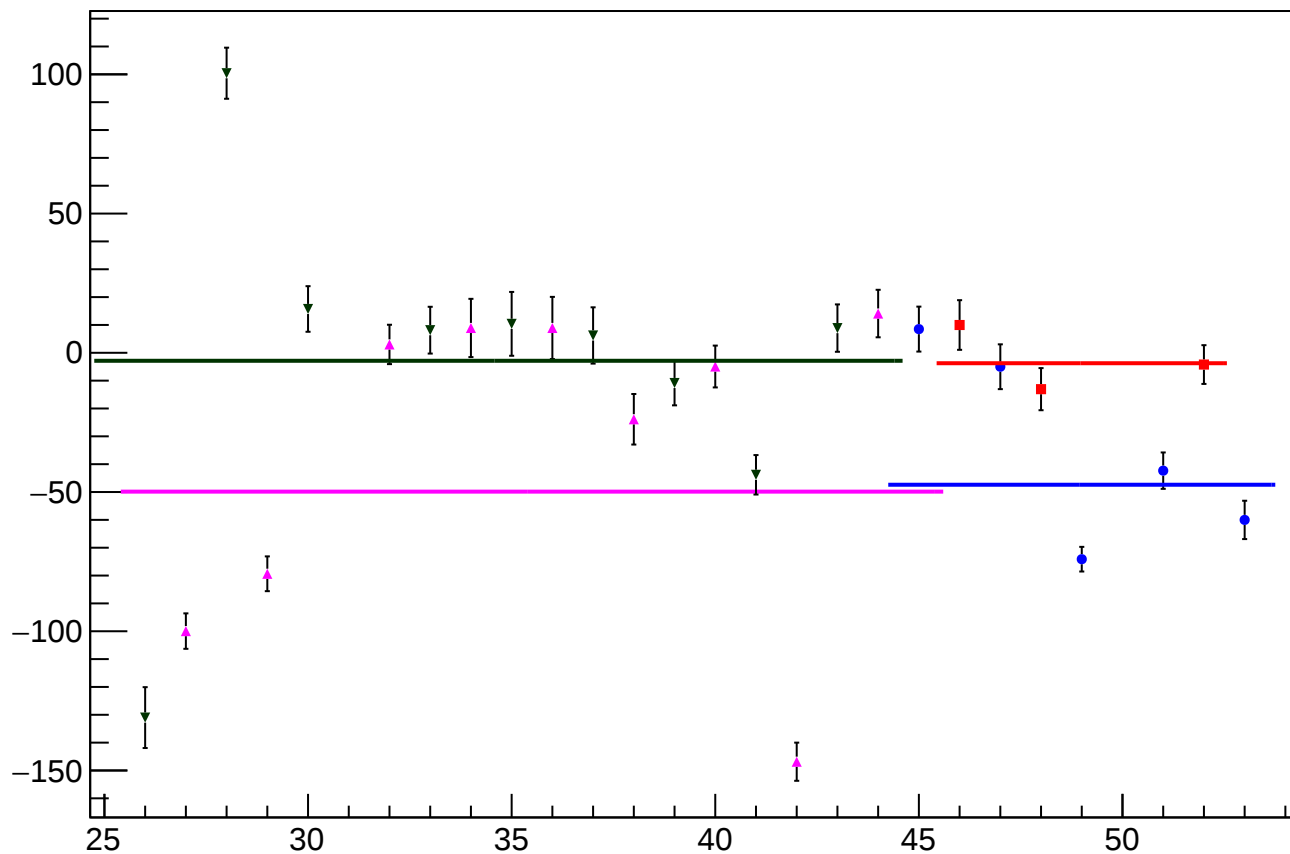
Right Out: -588.581+/-0.596 χ^2/NDF : 736.6/2

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-594.061+/-0.282 χ^2/NDF : 6621.7/13

-592.334+/-0.308 χ^2/NDF : 5522.5/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -47.384 ± 2.813 $\chi^2/\text{NDF}: 116.1/4$

Left Out: -2.868 ± 2.936 $\chi^2/\text{NDF}: 309.5/8$

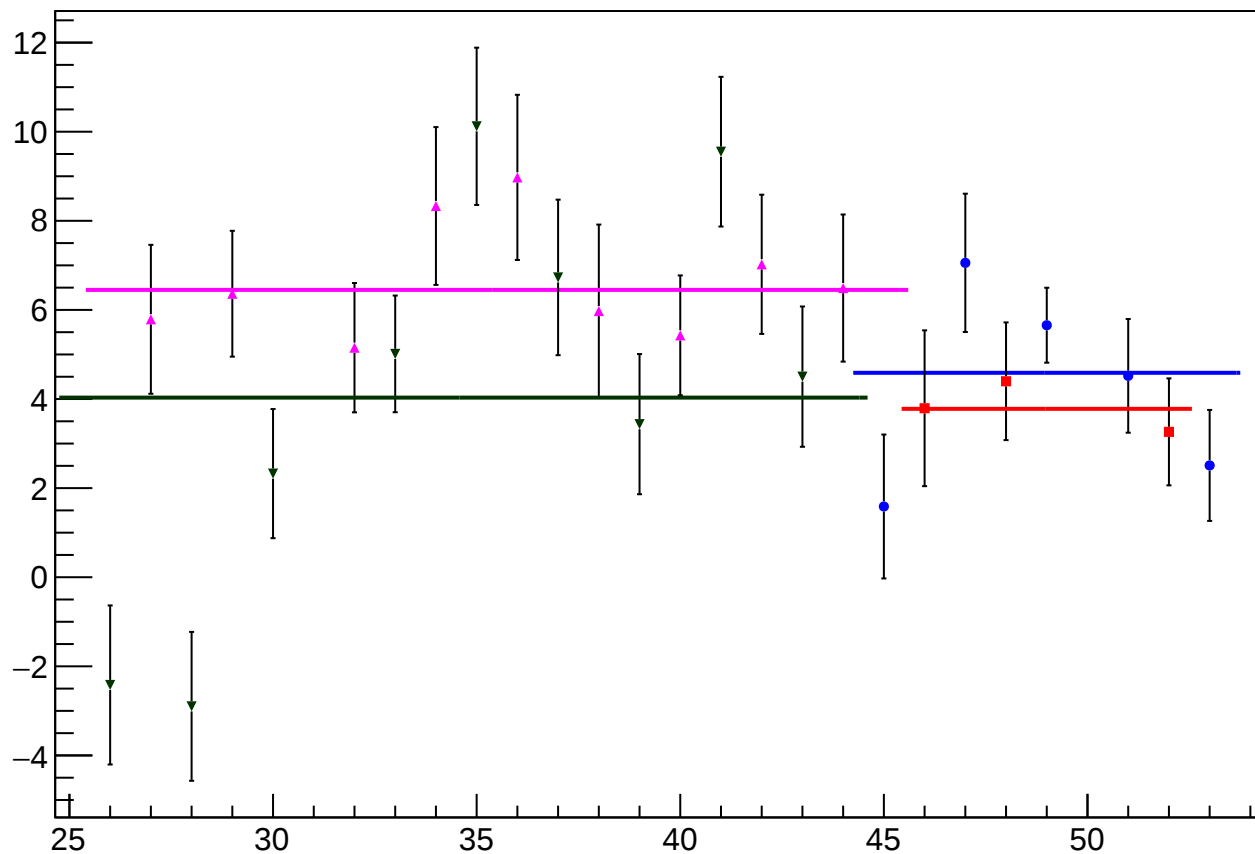
Right Out: -3.744 ± 4.440 $\chi^2/\text{NDF}: 3.9/2$

Left In: -49.858 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

-26.077 ± 2.031 $\chi^2/\text{NDF}: 545.5/13$

-38.344 ± 2.219 $\chi^2/\text{NDF}: 584.8/11$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.589 $\pm$ 0.537 χ^2 /NDF: 10.4/4

Left Out: 4.032 $\pm$ 0.531 χ^2 /NDF: 57.5/8

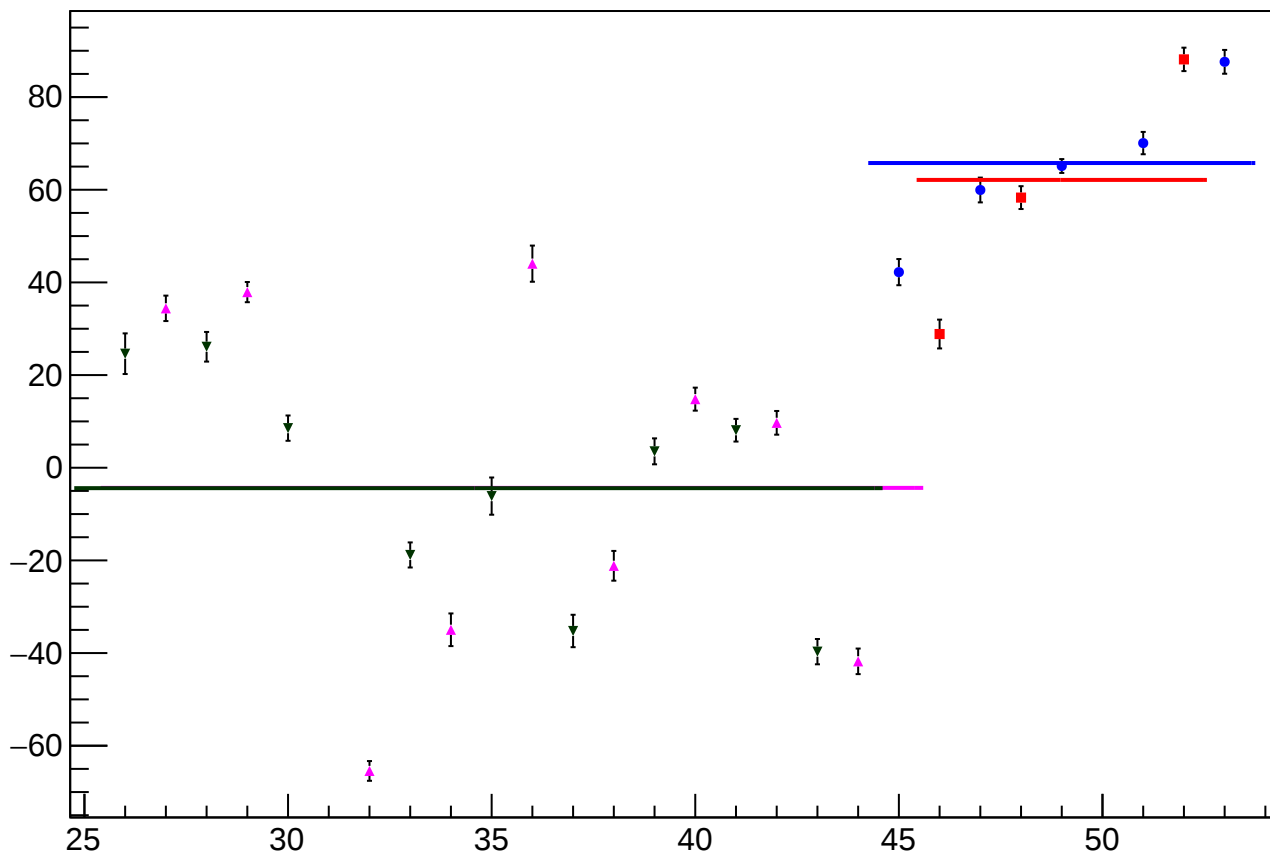
Right Out: 3.780 $\pm$ 0.792 χ^2 /NDF: 0.4/2

Left In: 6.449 $\pm$ 0.532 χ^2 /NDF: 4.7/8

4.307 $\pm$ 0.378 χ^2 /NDF: 68.4/13

5.620 $\pm$ 0.441 χ^2 /NDF: 13.0/11

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 65.769+/-0.983 χ^2 /NDF: 149.8/4

Left Out: -4.407+/-1.004 χ^2 /NDF: 464.5/8

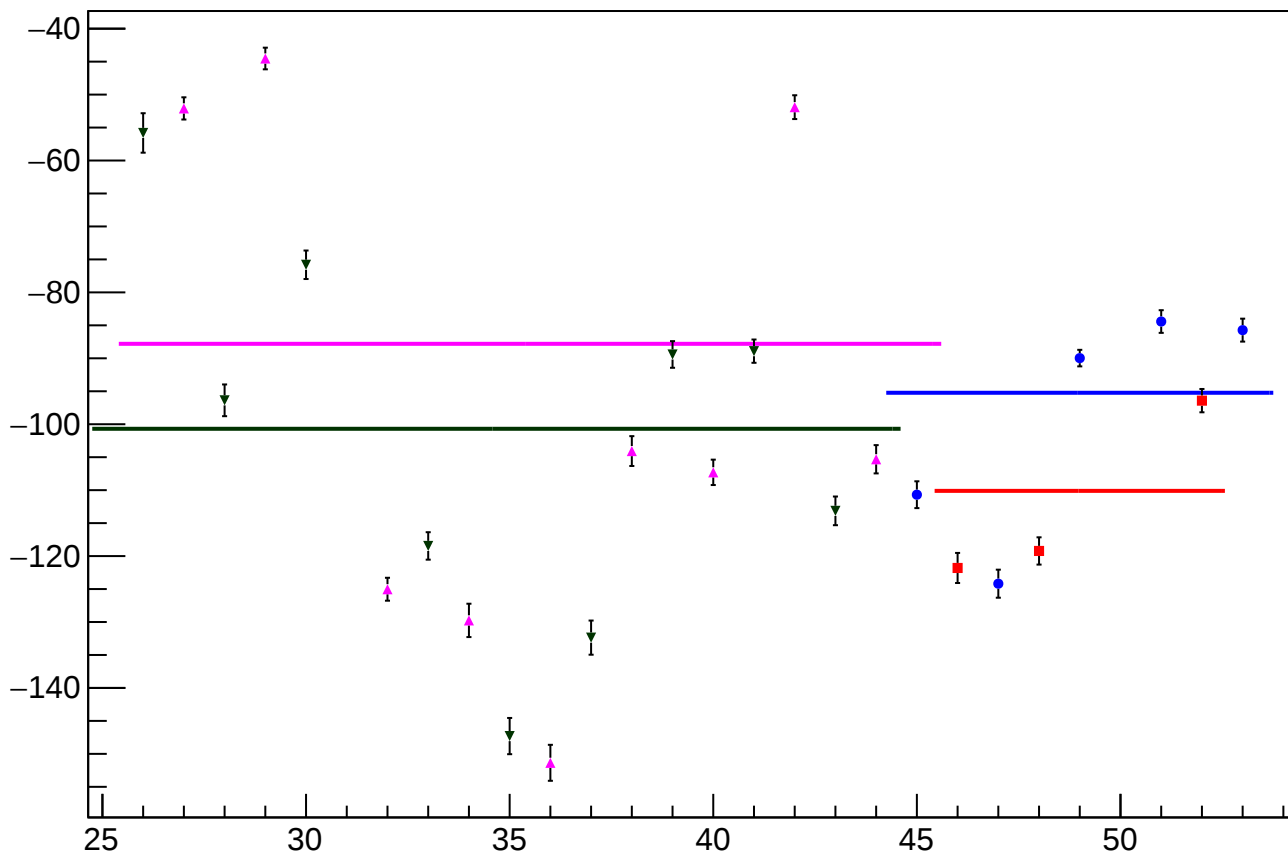
Right Out: 62.123+/-1.535 χ^2 /NDF: 222.6/2

Left In: -4.347+/-0.893 χ^2 /NDF: 1927.7/8

31.430+/-0.702 χ^2 /NDF: 3110.4/13

12.470+/-0.772 χ^2 /NDF: 3551.0/11

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -95.227 $\pm$ 0.752 χ^2 /NDF: 330.1/4

Left Out: -100.691 $\pm$ 0.748 χ^2 /NDF: 978.9/8

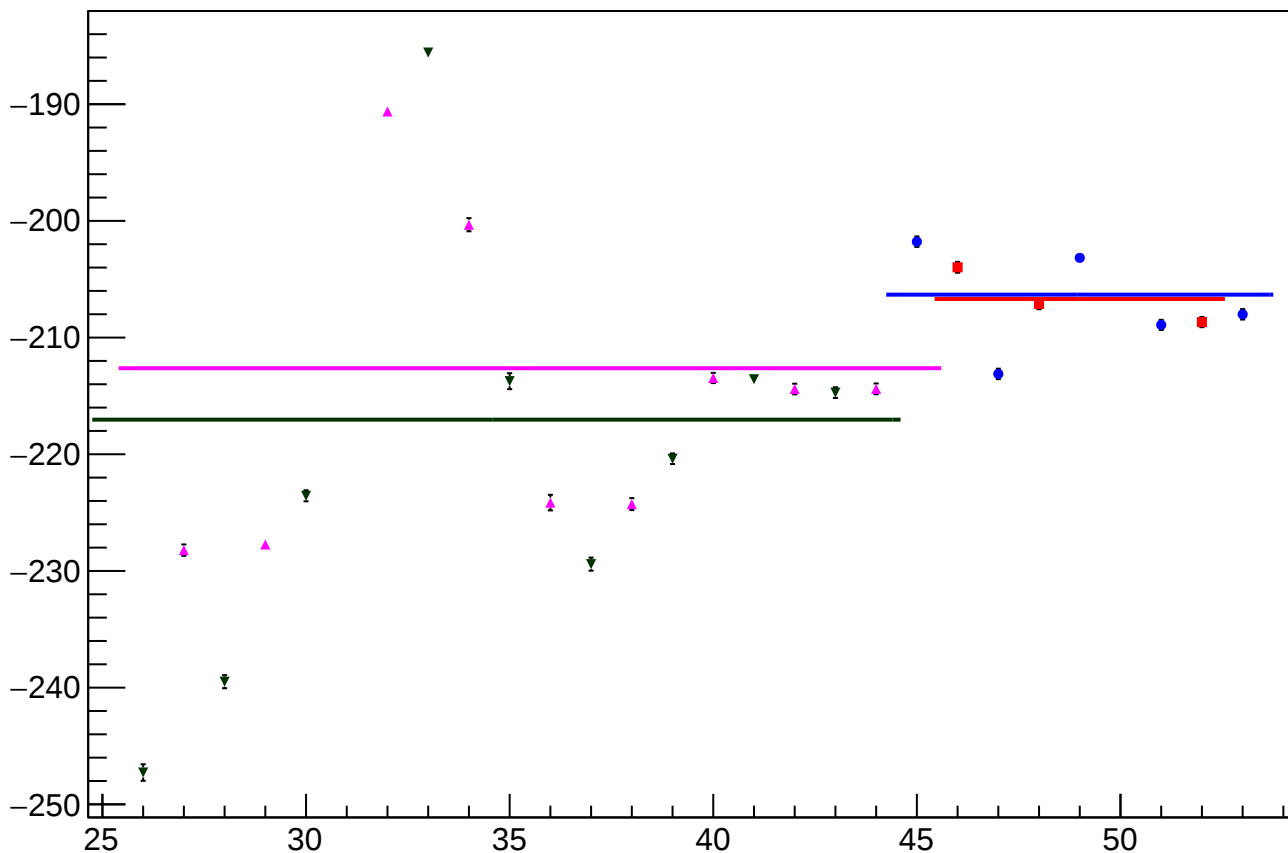
Right Out: -110.108 $\pm$ 1.158 χ^2 /NDF: 105.6/2

Left In: -87.803 $\pm$ 0.654 χ^2 /NDF: 3037.1/8

-97.975 $\pm$ 0.530 χ^2 /NDF: 1335.5/13

-93.203 $\pm$ 0.570 χ^2 /NDF: 3423.9/11

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -206.320+/-0.180 χ^2/NDF : 486.0/4

Left Out: -217.033+/-0.168 χ^2/NDF : 9889.6/8

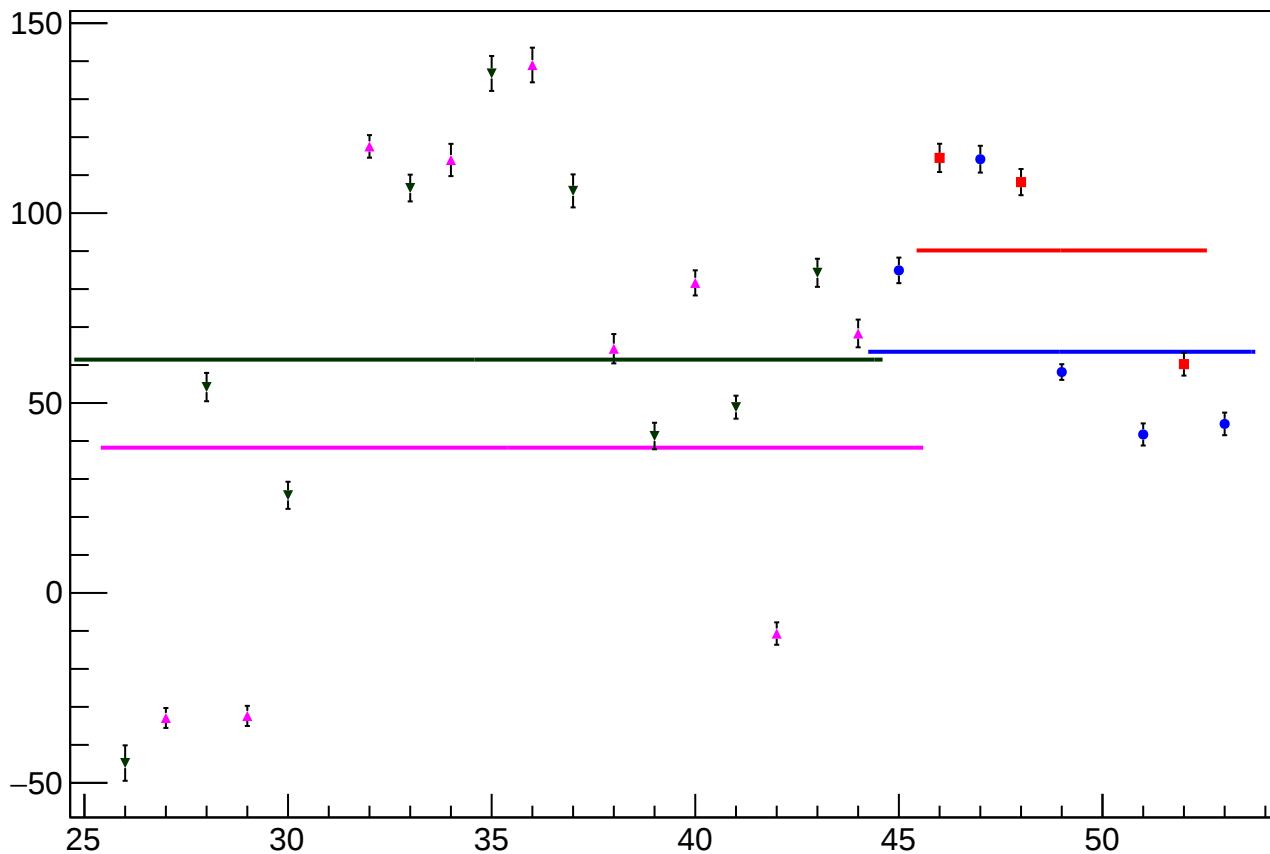
Right Out: -206.692+/-0.260 χ^2/NDF : 55.2/2

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-212.068+/-0.123 χ^2/NDF : 12270.1/13

-211.106+/-0.132 χ^2/NDF : 8485.1/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 63.492+/-1.255 χ^2/NDF : 350.6/4

Left Out: 61.427+/-1.249 χ^2/NDF :1247.3/8

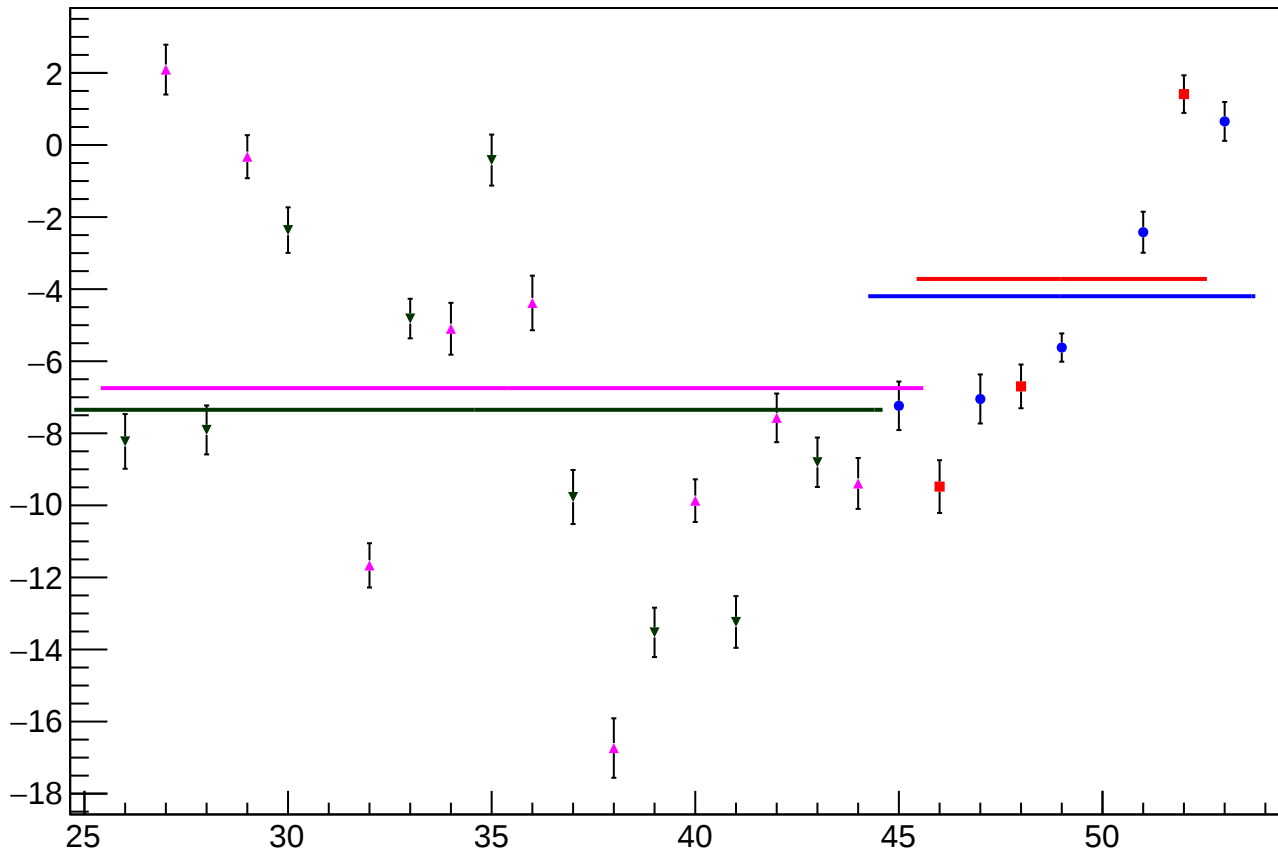
Right Out: 90.166+/-1.939 χ^2/NDF : 168.2/2

Left In: 38.244+/-1.083 χ^2/NDF :3520.8/8

62.454+/-0.885 χ^2/NDF : 1599.2/13

50.591+/-0.946 χ^2/NDF : 4235.3/11

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -4.197 ± 0.240 $\chi^2/\text{NDF}: 141.7/4$

Left Out: -7.348 ± 0.225 $\chi^2/\text{NDF}: 344.7/8$

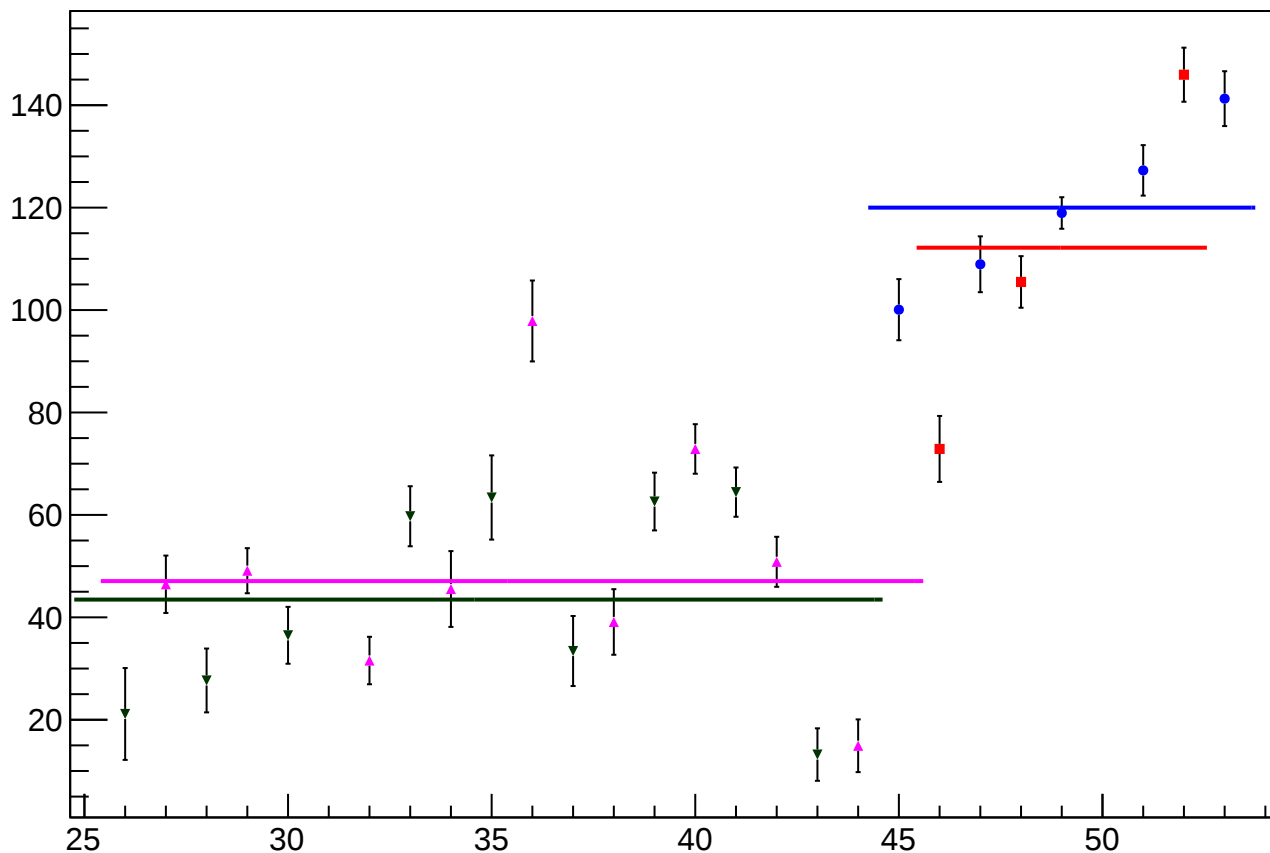
Right Out: -3.717 ± 0.348 $\chi^2/\text{NDF}: 183.1/2$

Left In: -6.747 ± 0.225 $\chi^2/\text{NDF}: 547.5/8$

-5.870 ± 0.164 $\chi^2/\text{NDF}: 578.2/13$

-5.852 ± 0.189 $\chi^2/\text{NDF}: 784.1/11$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 119.999 $\pm$ 2.028 χ^2 /NDF: 33.3/4

Left Out: 43.469 $\pm$ 2.005 χ^2 /NDF: 95.4/8

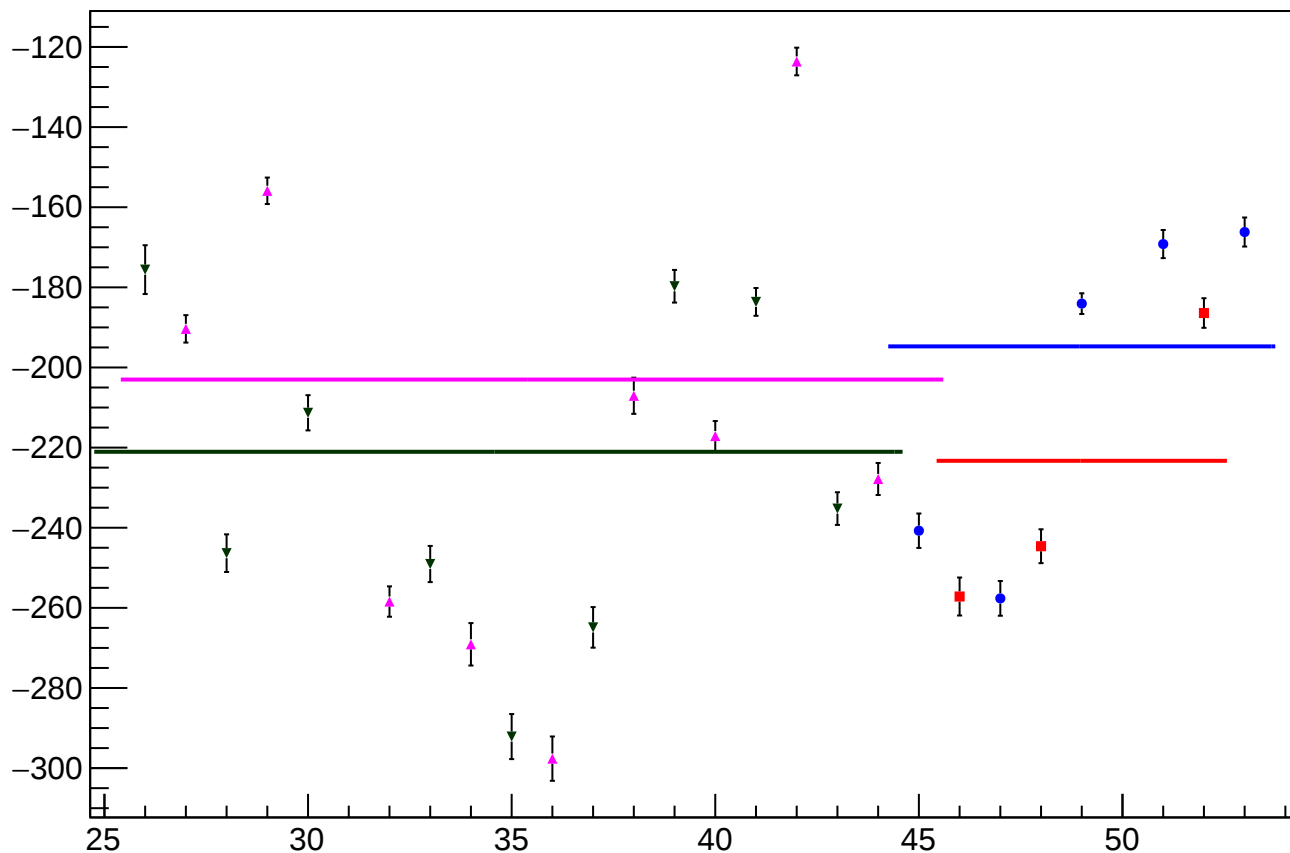
Right Out: 112.177 $\pm$ 3.172 χ^2 /NDF: 79.9/2

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF: 122.4/8

81.309 $\pm$ 1.426 χ^2 /NDF: 848.9/13

62.841 $\pm$ 1.561 χ^2 /NDF: 521.6/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -194.737+/-1.553 χ^2 /NDF: 457.3/4

Left Out: -221.044+/-1.496 χ^2 /NDF: 593.9/8

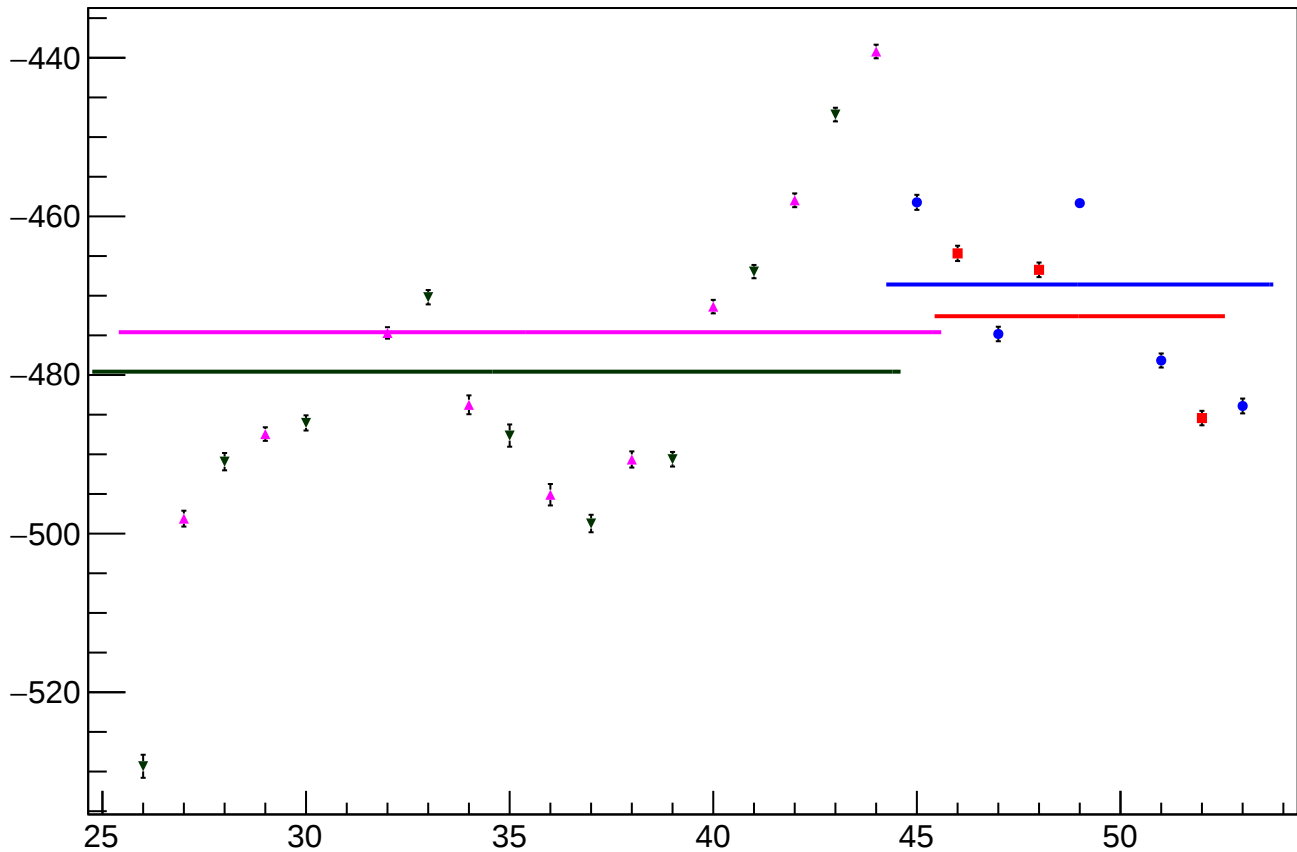
Right Out: -223.295+/-2.399 χ^2 /NDF: 176.2/2

Left In: -203.012+/-1.312 χ^2 /NDF: 1461.2/8

-208.388+/-1.077 χ^2 /NDF: 1200.0/13

-207.679+/-1.151 χ^2 /NDF: 1692.5/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -468.586+/-0.372 χ^2/NDF : 813.5/4

Left Out: -479.578+/-0.336 χ^2/NDF : 3549.6/8

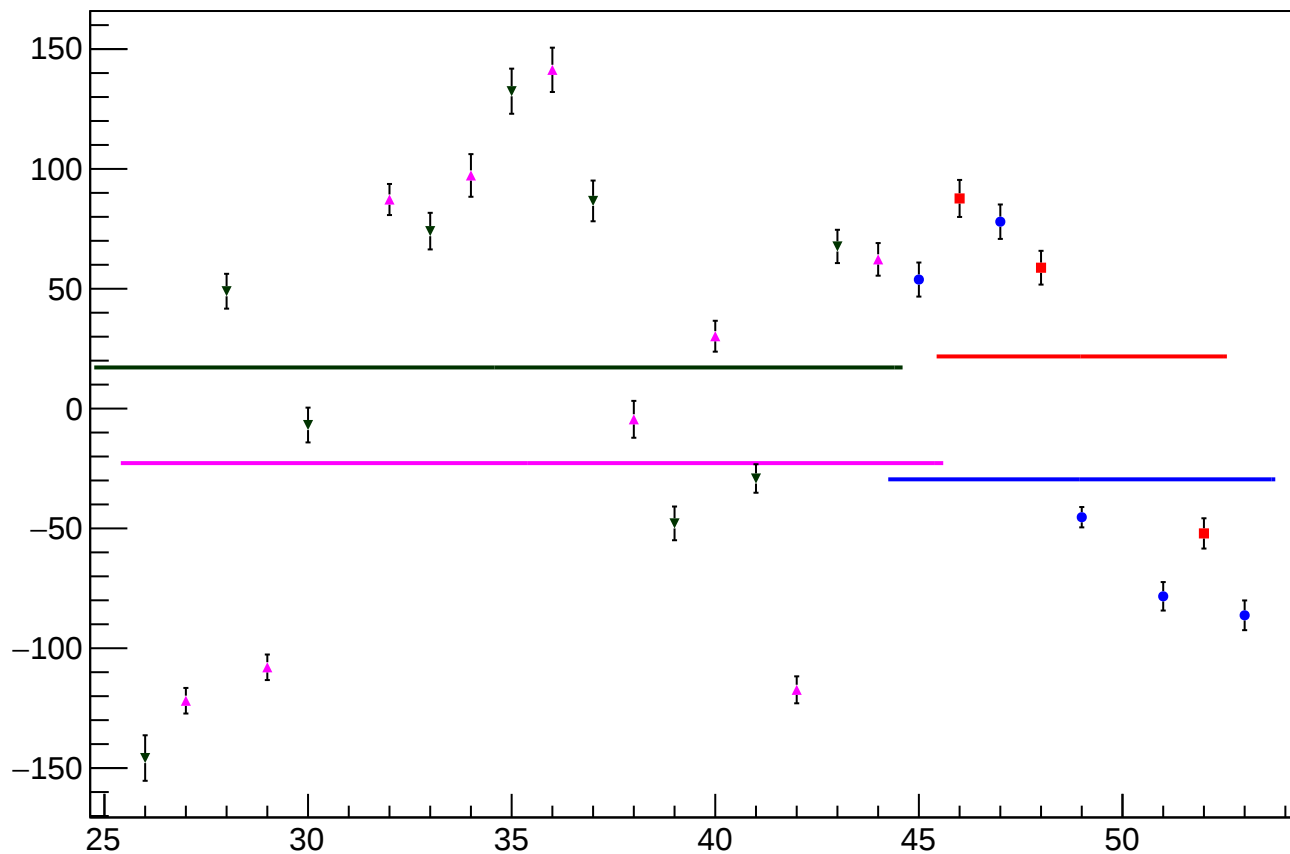
Right Out: -472.587+/-0.539 χ^2/NDF : 305.1/2

Left In: -474.603+/-0.308 χ^2/NDF : 3381.7/8

-474.649+/-0.249 χ^2/NDF : 4844.2/13

-474.106+/-0.267 χ^2/NDF : 3697.4/11

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -29.523 ± 2.591 χ^2/NDF : 526.4/4

Left Out: 17.160 ± 2.496 χ^2/NDF : 796.1/8

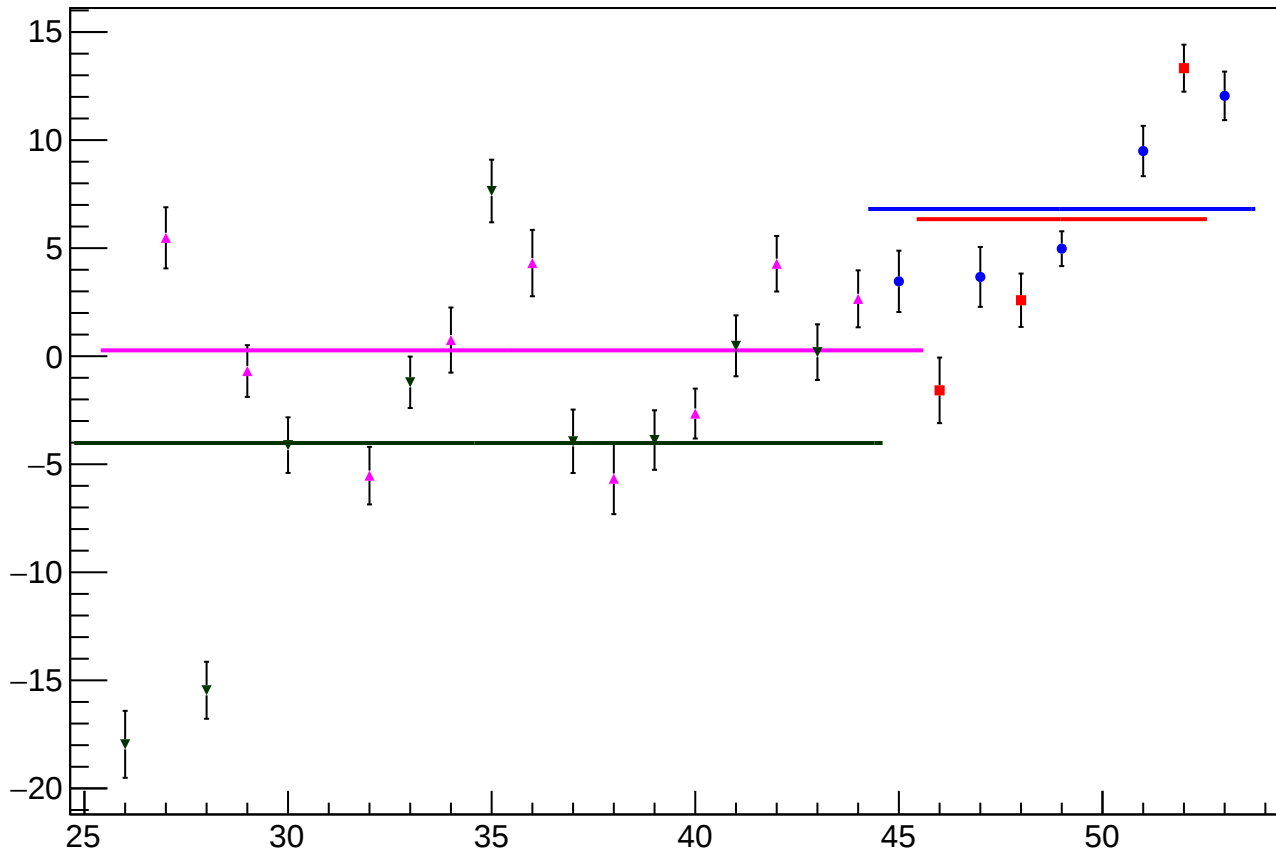
Right Out: 21.756 ± 4.017 χ^2/NDF : 237.1/2

Left In: -22.755 ± 2.169 χ^2/NDF : 1896.6/8

-5.311 ± 1.797 χ^2/NDF : 1490.8/13

-12.706 ± 1.909 χ^2/NDF : 2228.8/11

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 6.811 $\pm$ 0.495 χ^2 /NDF: 42.9/4

Left Out: -4.016 $\pm$ 0.453 χ^2 /NDF: 247.5/8

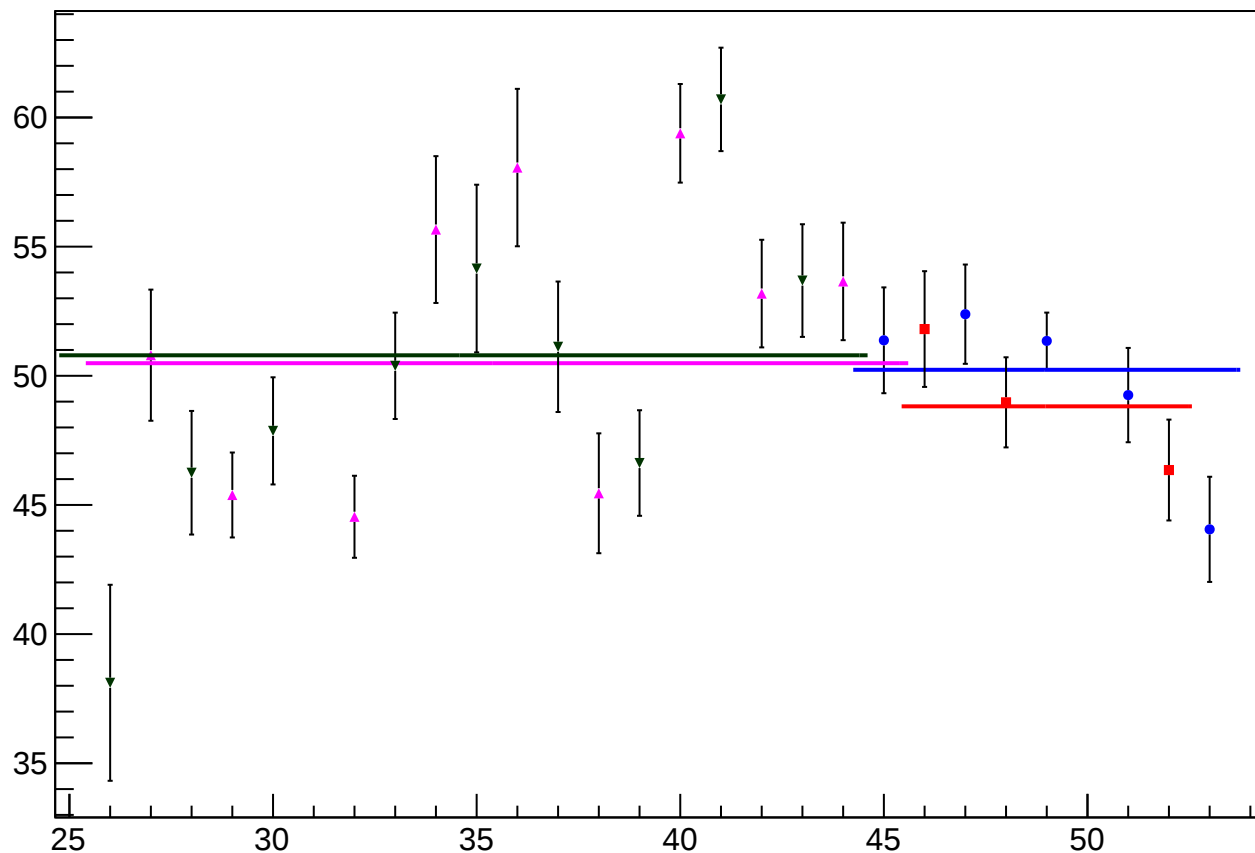
Right Out: 6.341 $\pm$ 0.719 χ^2 /NDF: 77.7/2

Left In: 0.270 $\pm$ 0.450 χ^2 /NDF: 72.6/8

0.919 $\pm$ 0.334 χ^2 /NDF: 550.9/13

1.982 $\pm$ 0.382 χ^2 /NDF: 201.6/11

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 50.232 ± 0.729 χ^2/NDF : 12.1/4

Left Out: 50.793 ± 0.775 χ^2/NDF : 48.3/8

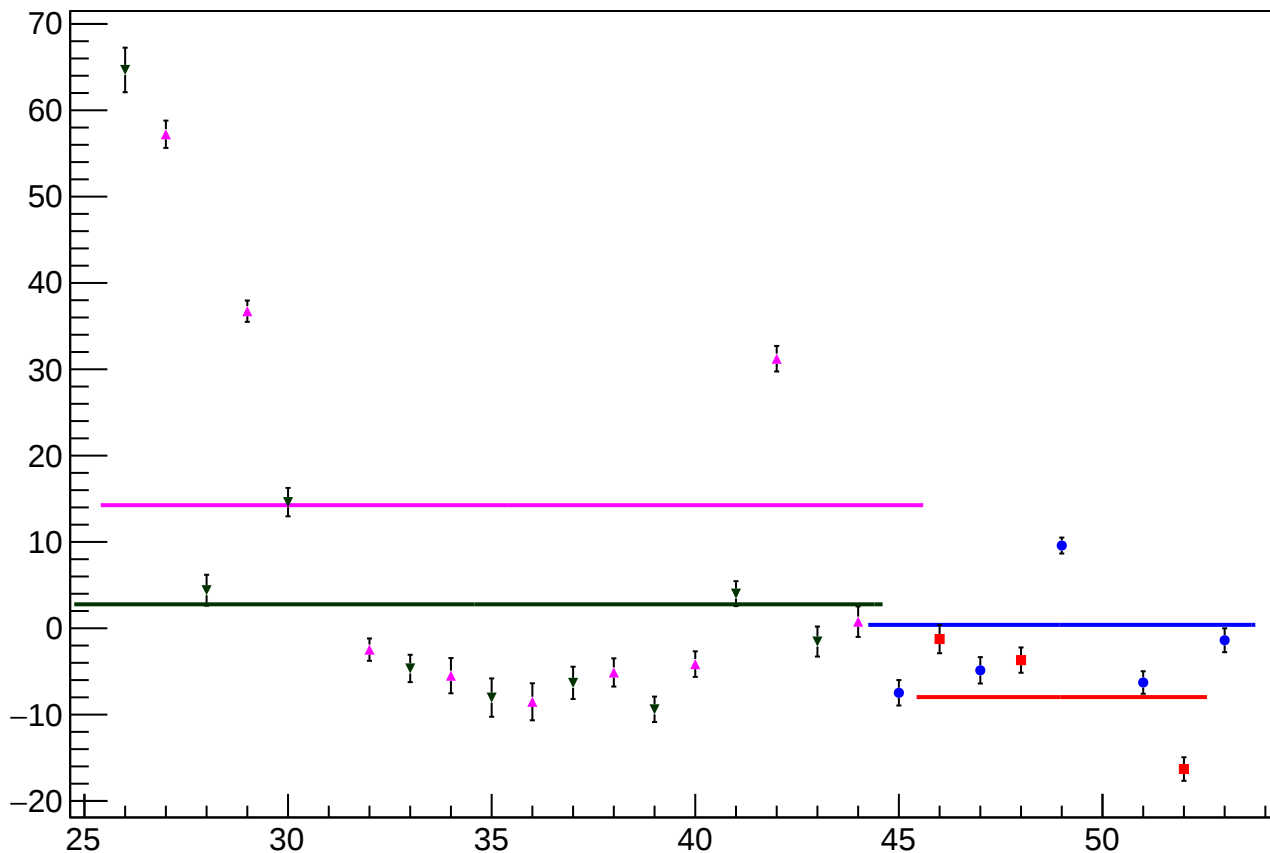
Right Out: 48.817 ± 1.125 χ^2/NDF : 3.4/2

Left In: 50.488 ± 0.701 χ^2/NDF : 63.2/8

50.496 ± 0.531 χ^2/NDF : 60.7/13

50.021 ± 0.595 χ^2/NDF : 68.2/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 0.397 ± 0.562 $\chi^2/\text{NDF}: 167.1/4$

Left Out: 2.776 ± 0.578 $\chi^2/\text{NDF}: 772.4/8$

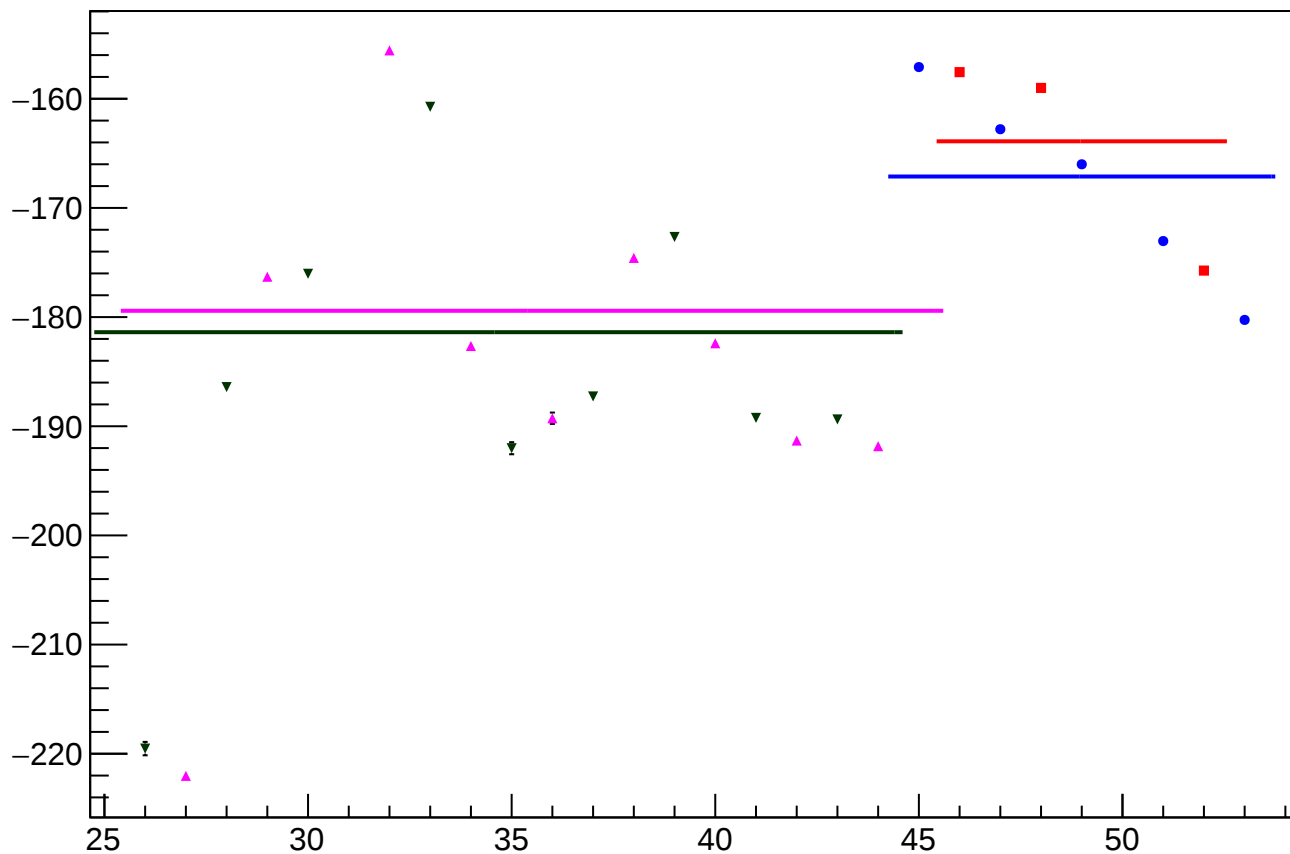
Right Out: -7.970 ± 0.853 $\chi^2/\text{NDF}: 62.6/2$

Left In: 14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

1.552 ± 0.403 $\chi^2/\text{NDF}: 948.2/13$

8.259 ± 0.443 $\chi^2/\text{NDF}: 2484.0/11$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -167.122+/-0.134 χ^2/NDF : 2841.4/4

Left Out: -181.384+/-0.129 χ^2/NDF :10642.5/8

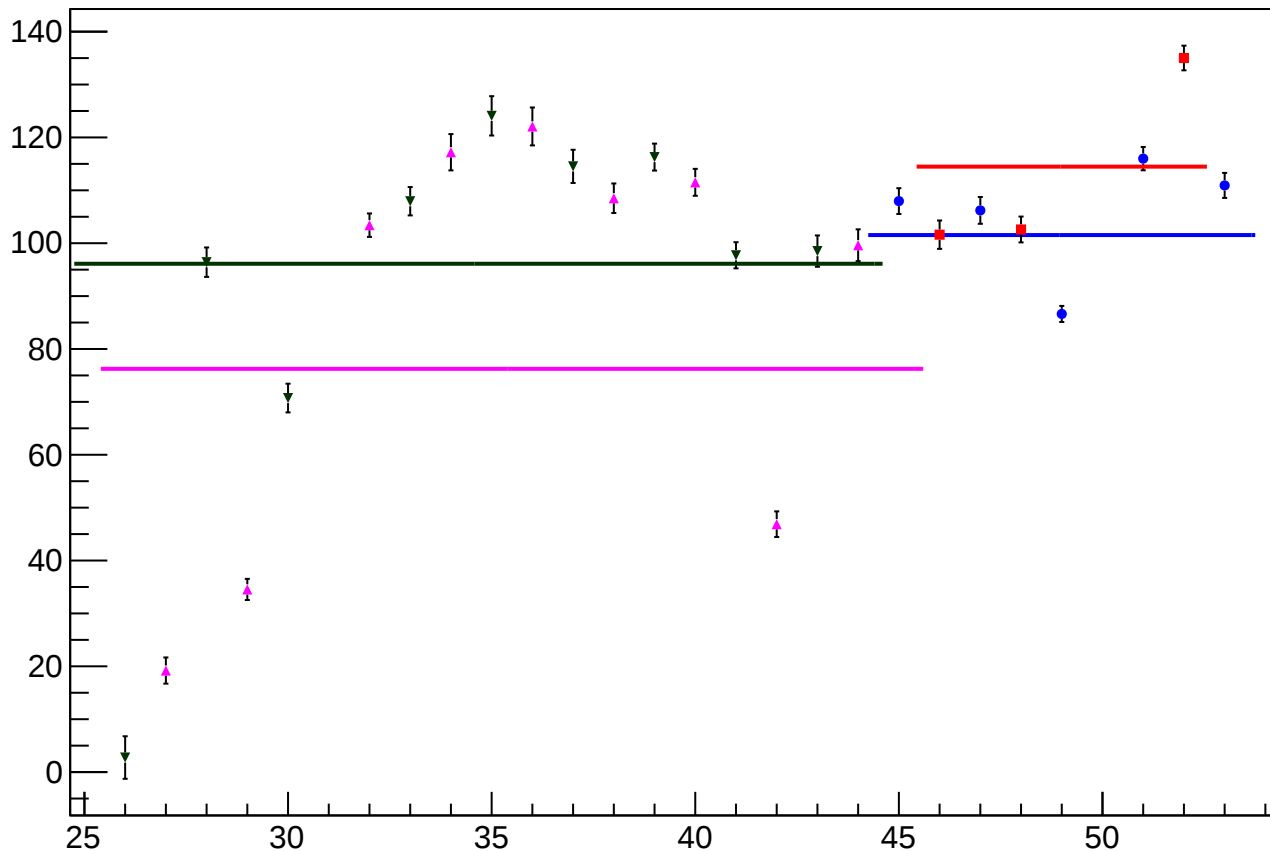
Right Out: -163.897+/-0.191 χ^2/NDF : 1818.6/2

Left In: -179.424+/-0.120 χ^2/NDF :21031.0/8

-174.503+/-0.093 χ^2/NDF : 19364.8/13

-175.054+/-0.101 χ^2/NDF : 27593.2/11

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 101.541 $\pm$ 0.936 χ^2 /NDF: 165.3/4

Left Out: 96.116 $\pm$ 0.966 χ^2 /NDF:801.0/8

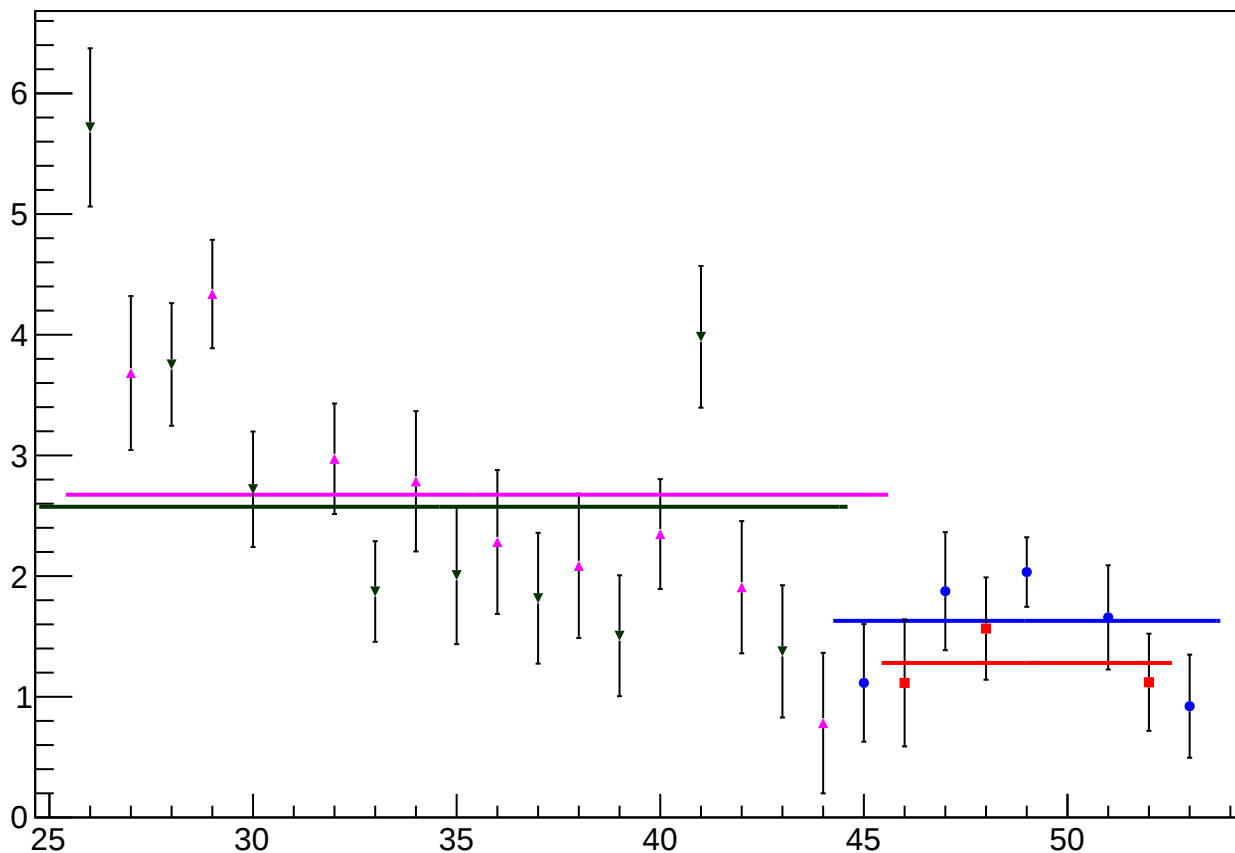
Right Out: 114.478 $\pm$ 1.427 χ^2 /NDF: 124.4/2

Left In: 76.248 $\pm$ 0.863 χ^2 /NDF:1954.9/8

98.914 $\pm$ 0.672 χ^2 /NDF: 982.6/13

86.485 $\pm$ 0.738 χ^2 /NDF: 2604.9/11

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.629 $\pm$ 0.179 χ^2 /NDF: 6.1/4

Left Out: 2.574 $\pm$ 0.174 χ^2 /NDF: 49.3/8

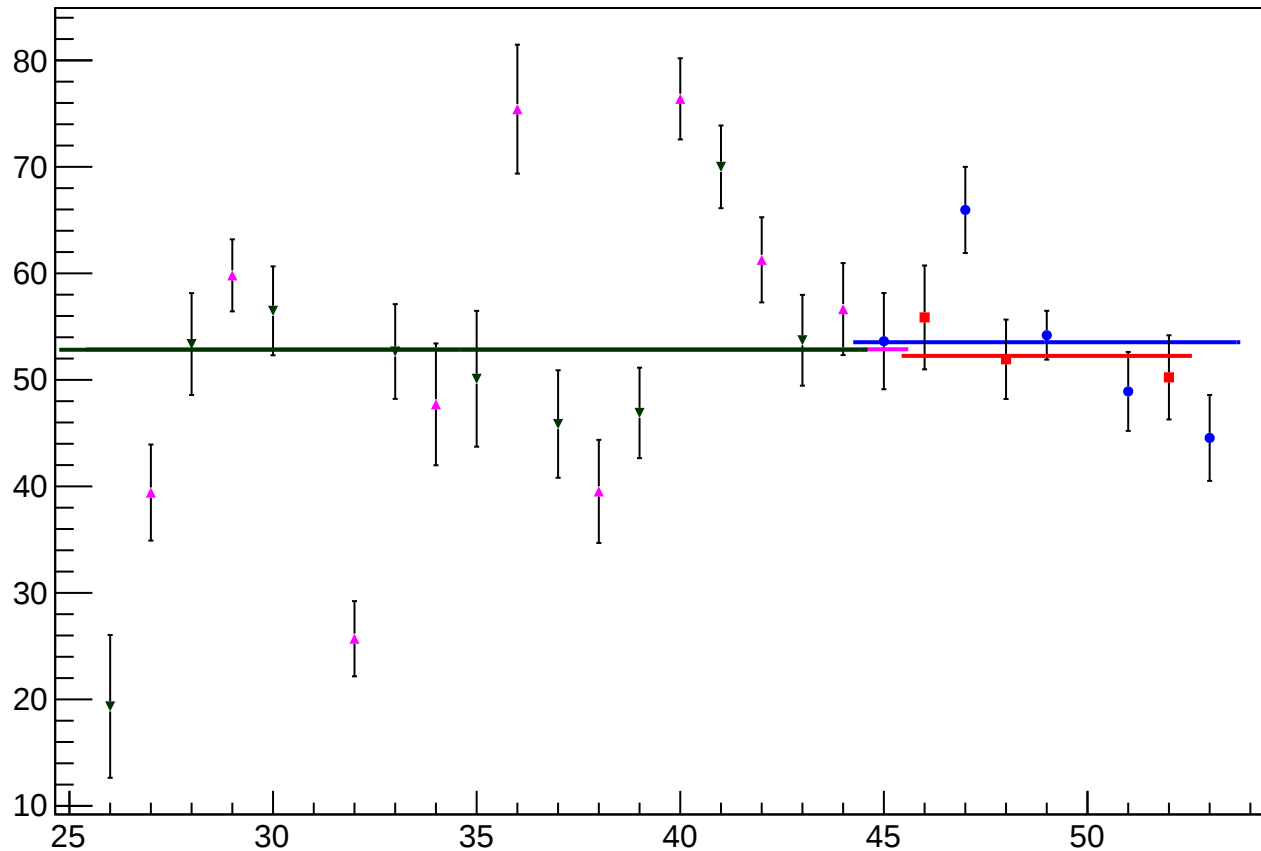
Right Out: 1.280 $\pm$ 0.255 χ^2 /NDF: 0.7/2

Left In: 2.674 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.115 $\pm$ 0.125 χ^2 /NDF: 69.7/13

2.221 $\pm$ 0.146 χ^2 /NDF: 51.9/11

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 53.536+/-1.516 χ^2/NDF : 16.0/4

Left Out: 52.828+/-1.553 χ^2/NDF : 49.4/8

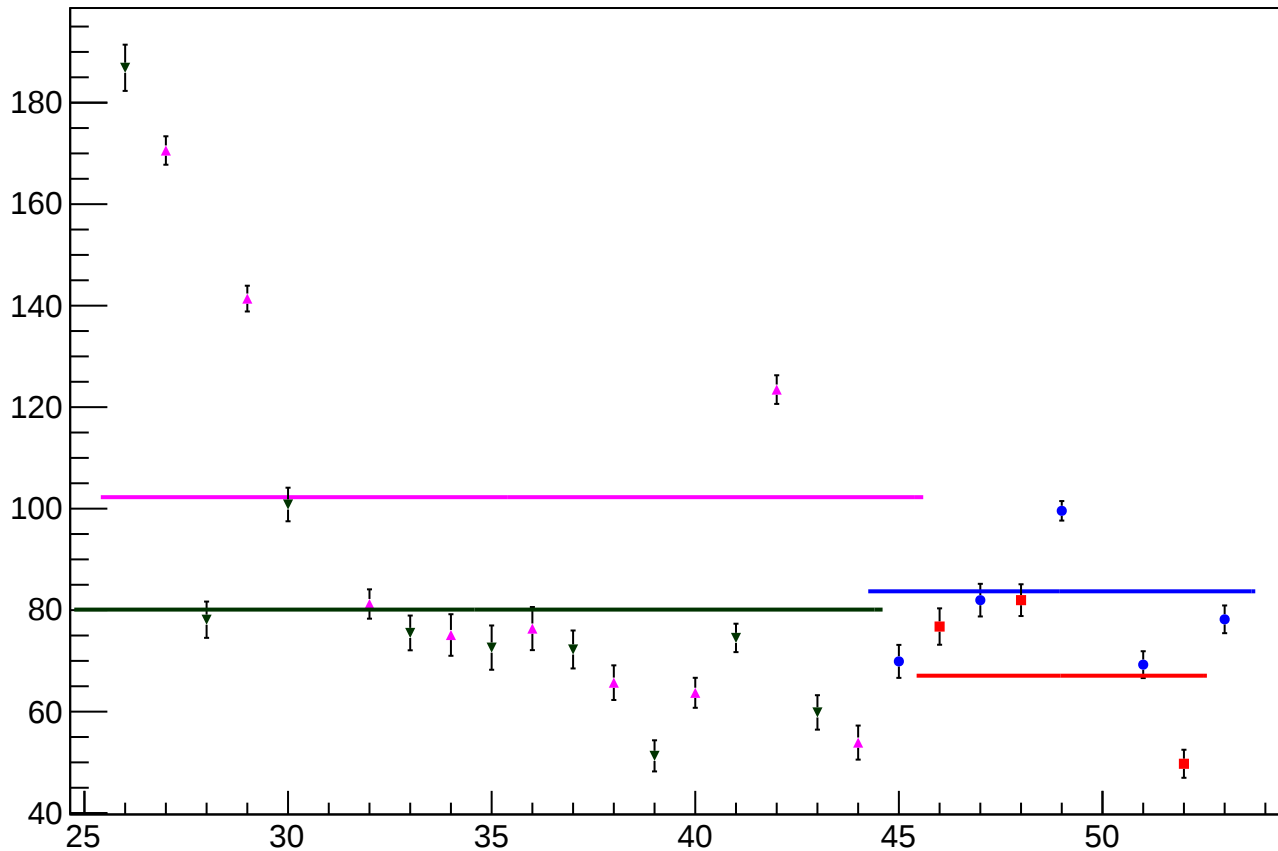
Right Out: 52.252+/-2.370 χ^2/NDF : 0.8/2

Left In: 52.873+/-1.411 χ^2/NDF : 137.9/8

53.191+/-1.085 χ^2/NDF : 65.5/13

52.710+/-1.212 χ^2/NDF : 138.7/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 83.710 ± 1.164 $\chi^2/\text{NDF}: 120.2/4$

Left Out: 80.107 ± 1.156 $\chi^2/\text{NDF}: 725.9/8$

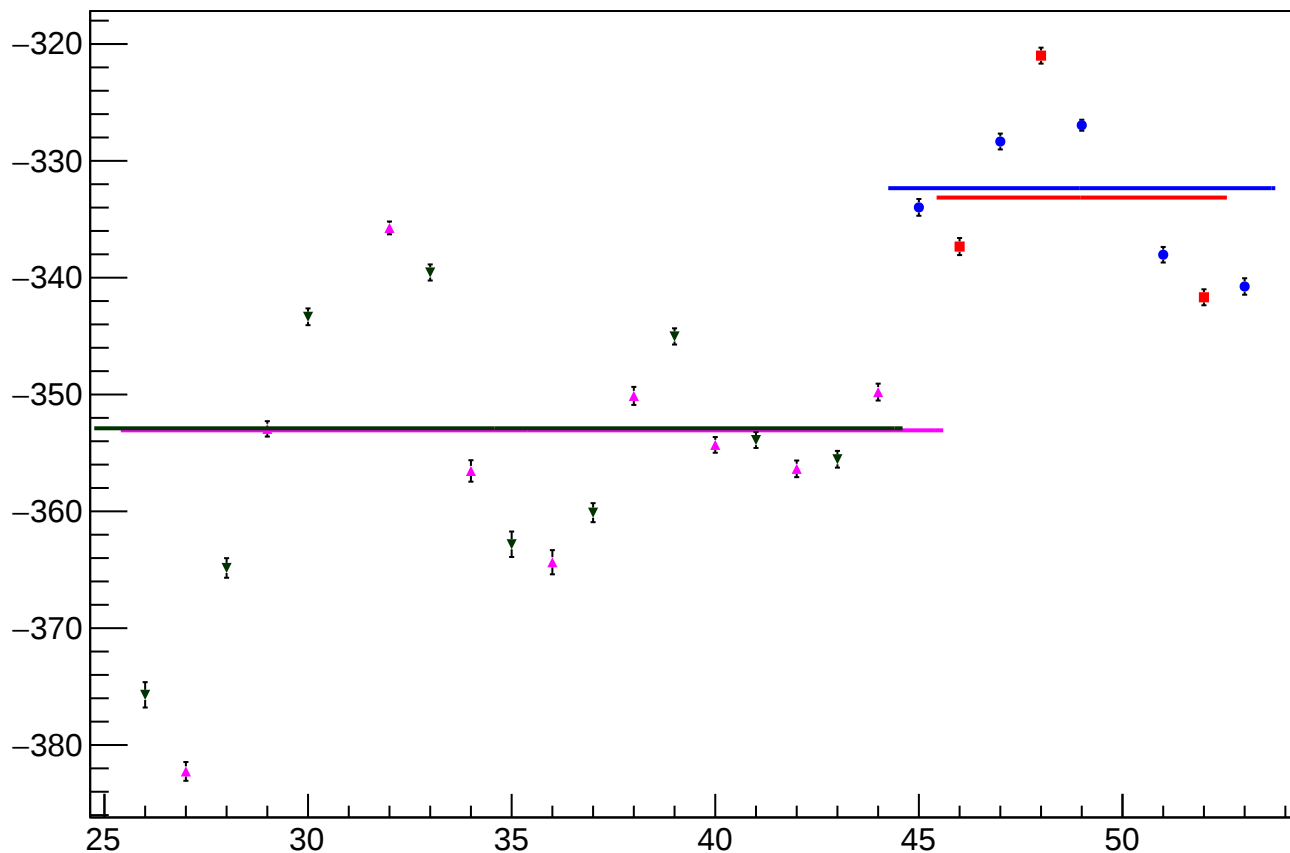
Right Out: 67.082 ± 1.794 $\chi^2/\text{NDF}: 69.4/2$

Left In: 102.262 ± 1.036 $\chi^2/\text{NDF}: 1514.4/8$

81.897 ± 0.820 $\chi^2/\text{NDF}: 850.9/13$

93.462 ± 0.897 $\chi^2/\text{NDF}: 1872.1/11$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -332.338+/-0.279 χ^2/NDF : 386.1/4

Left Out: -352.892+/-0.259 χ^2/NDF :1502.2/8

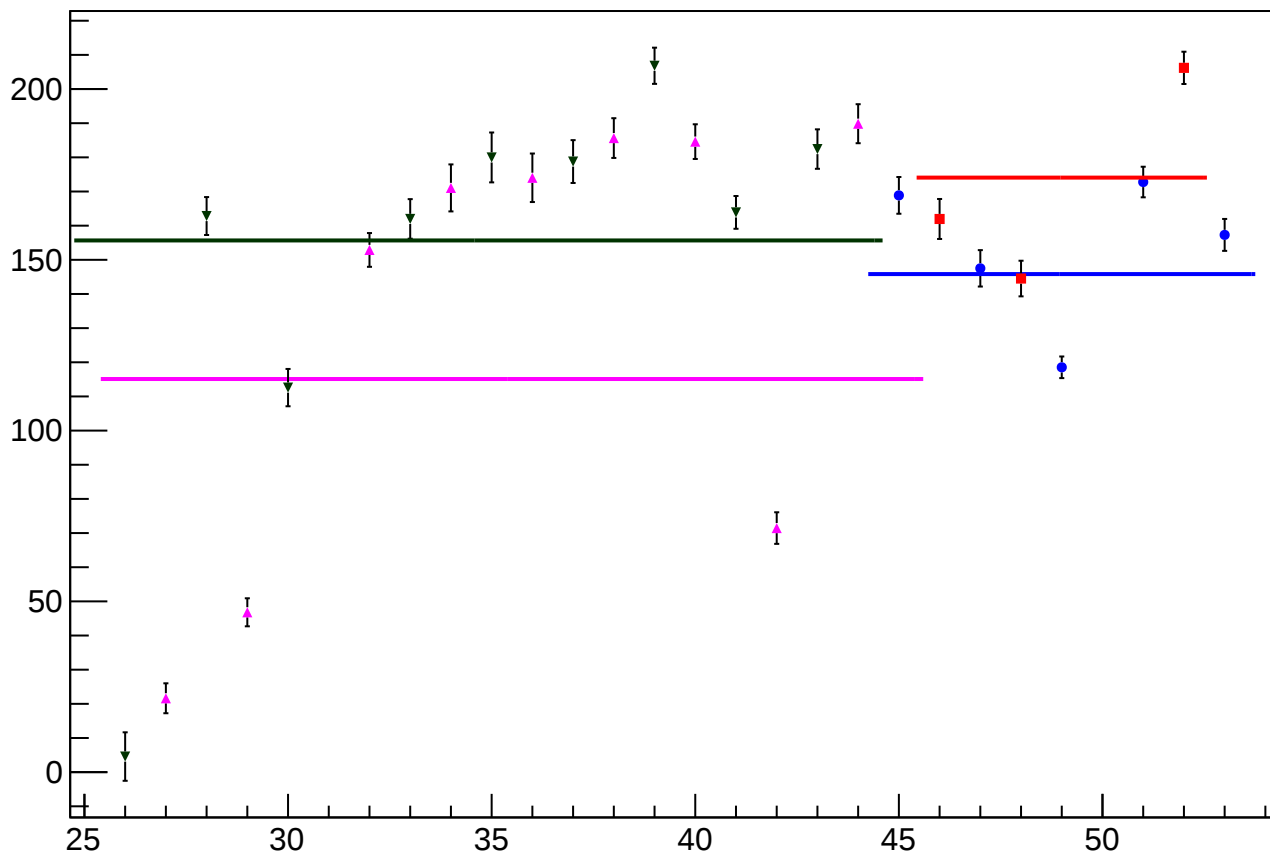
Right Out: -333.143+/-0.403 χ^2/NDF : 505.8/2

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

-343.354+/-0.190 χ^2/NDF : 4803.5/13

-347.786+/-0.207 χ^2/NDF : 4810.0/11

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 145.825 $\pm$ 1.941 χ^2/NDF : 135.1/4

Left Out: 155.674 $\pm$ 1.929 χ^2/NDF : 660.3/8

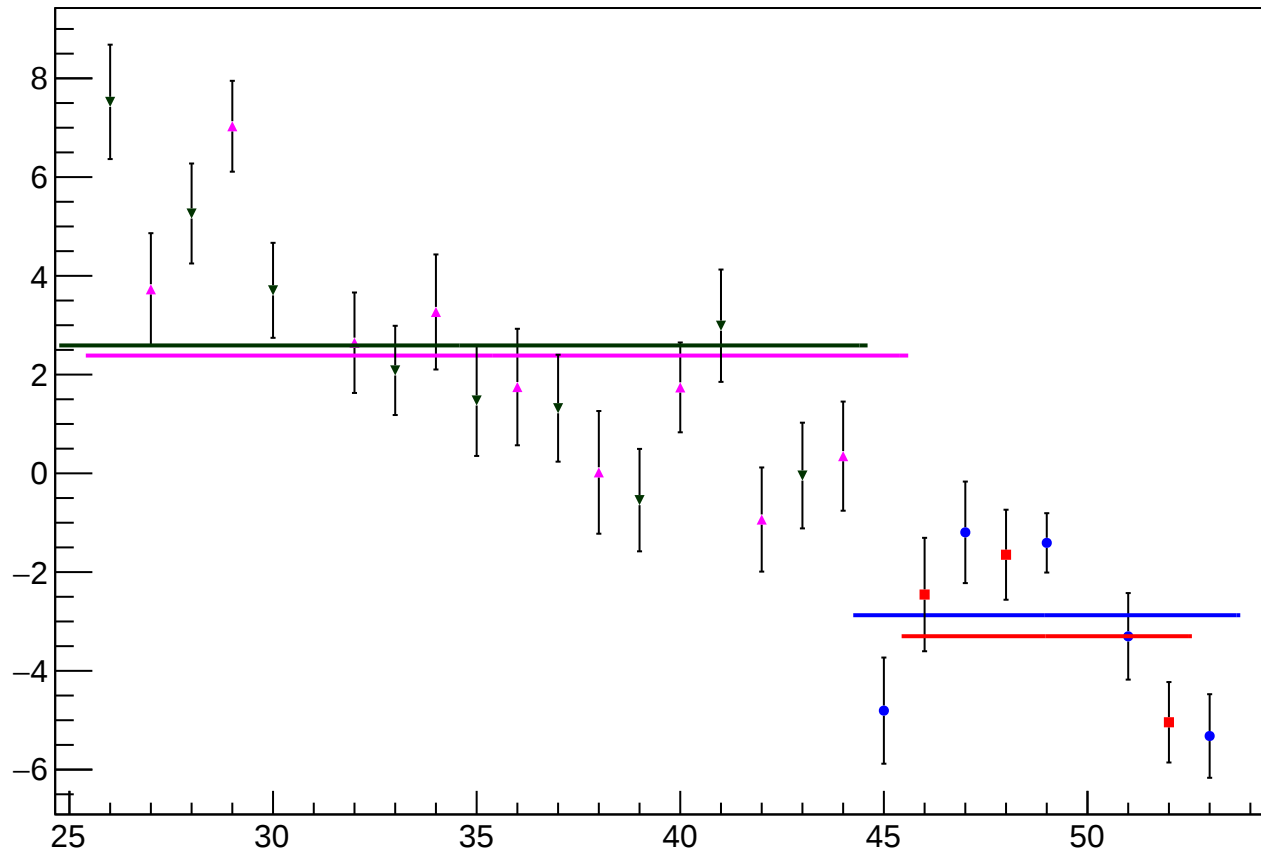
Right Out: 174.071 $\pm$ 3.005 χ^2/NDF : 82.7/2

Left In: 115.103 $\pm$ 1.717 χ^2/NDF : 1520.3/8

150.781 $\pm$ 1.368 χ^2/NDF : 808.4/13

129.623 $\pm$ 1.491 χ^2/NDF : 1893.2/11

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -2.873 ± 0.371 $\chi^2/\text{NDF}: 20.4/4$

Left Out: 2.591 ± 0.348 $\chi^2/\text{NDF}: 44.4/8$

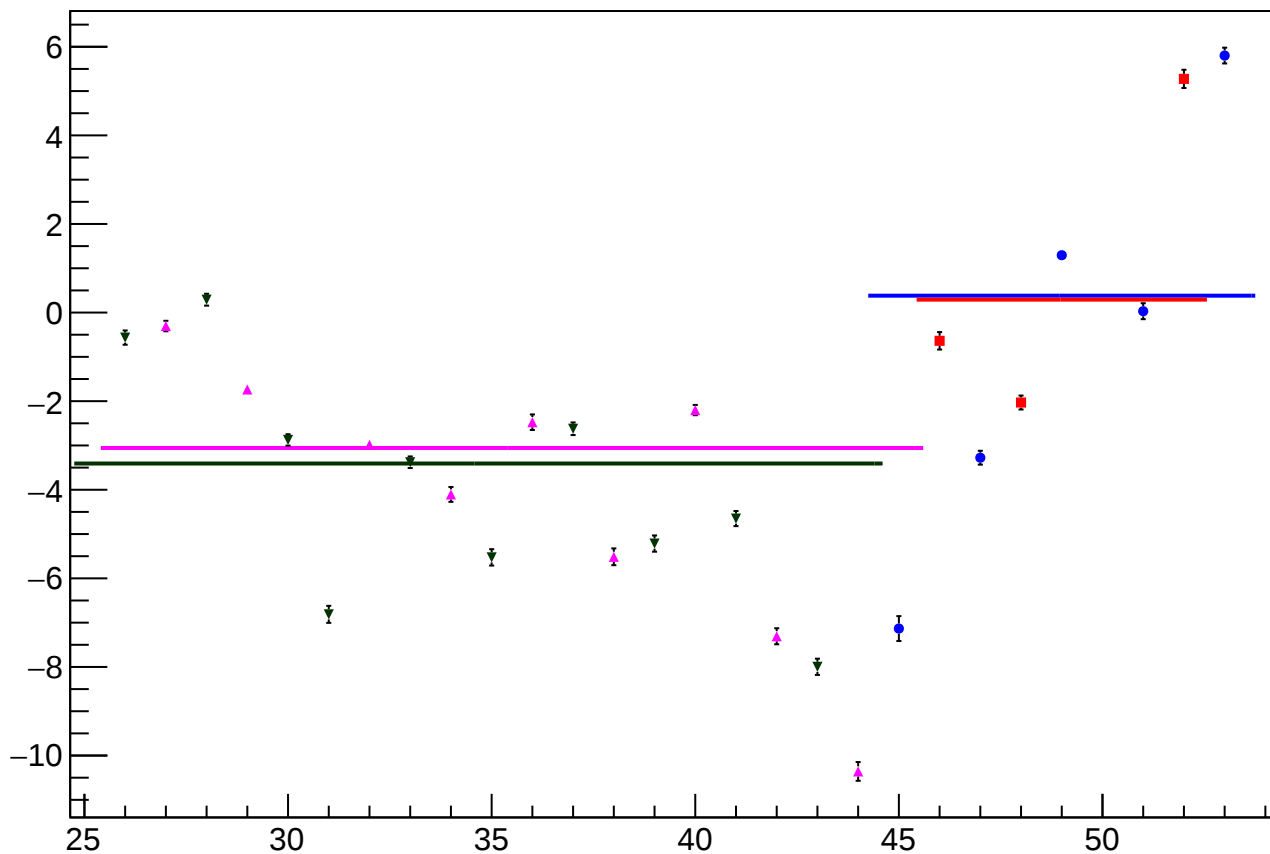
Right Out: -3.299 ± 0.537 $\chi^2/\text{NDF}: 8.4/2$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

0.029 ± 0.254 $\chi^2/\text{NDF}: 180.2/13$

0.659 ± 0.296 $\chi^2/\text{NDF}: 131.7/11$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 0.381+/-0.069 χ^2/NDF : 2267.5/4

Left Out: -3.408+/-0.049 χ^2/NDF : 2336.5/9

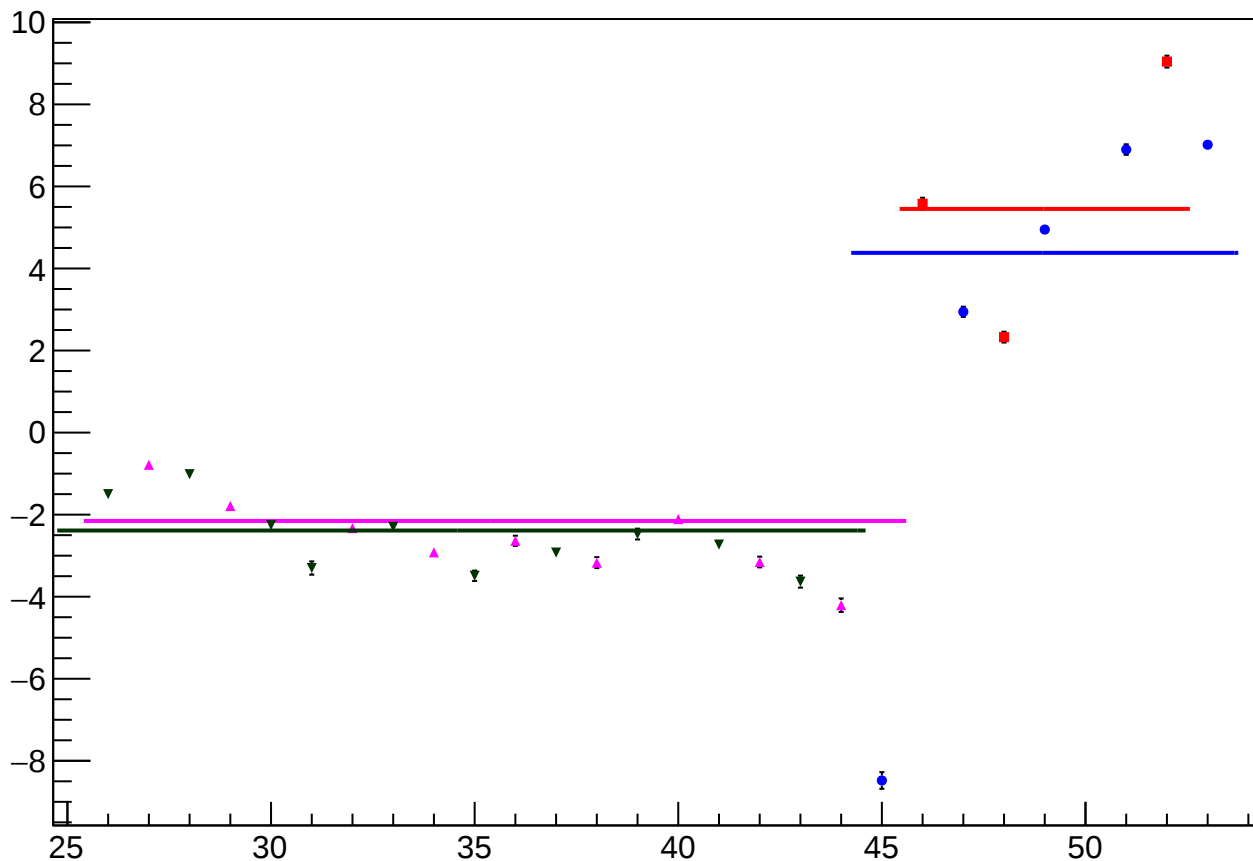
Right Out: 0.292+/-0.106 χ^2/NDF : 823.9/2

Left In: -3.057+/-0.044 χ^2/NDF : 2696.0/8

-2.135+/-0.040 χ^2/NDF : 6592.4/14

-2.563+/-0.041 χ^2/NDF : 4374.9/11

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 4.381+/-0.054 χ^2/NDF : 5035.8/4

Left Out: -2.387+/-0.037 χ^2/NDF : 474.3/9

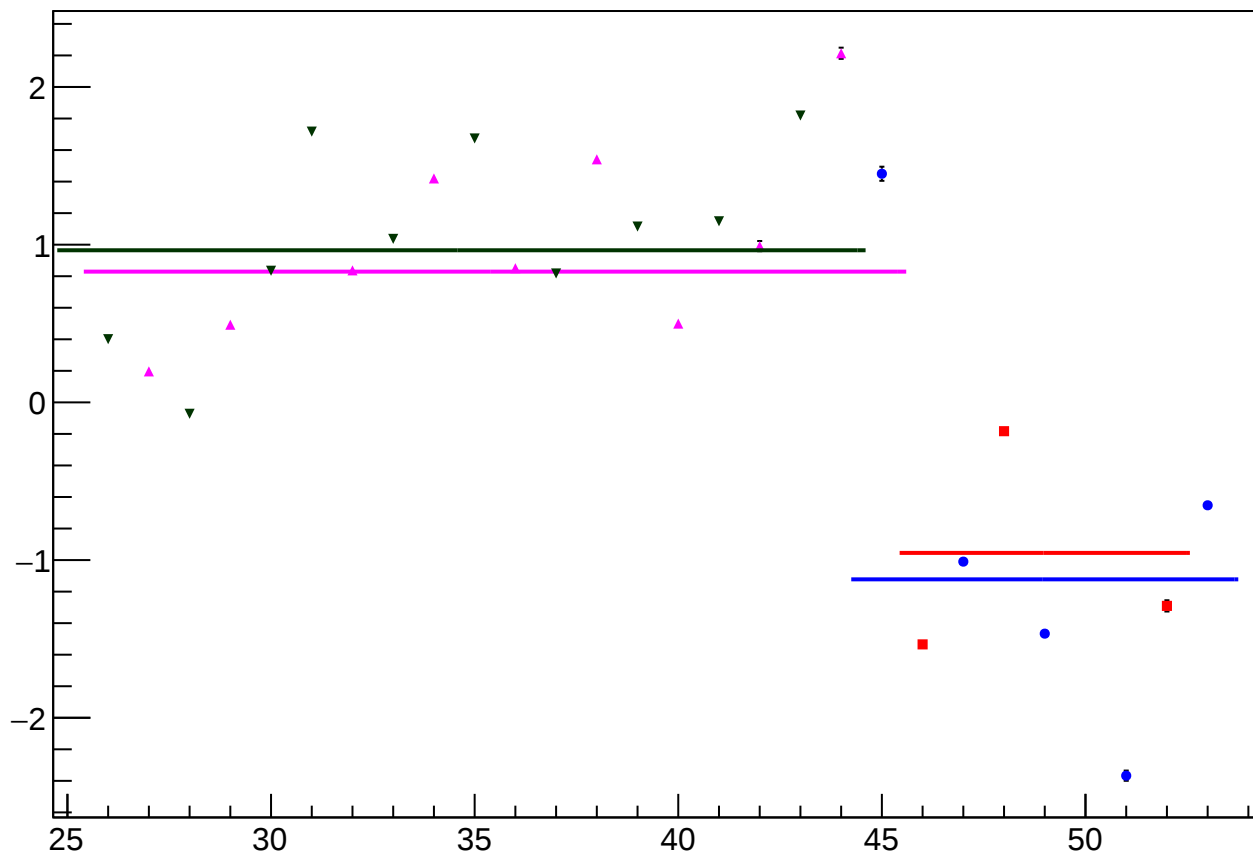
Right Out: 5.453+/-0.081 χ^2/NDF : 1172.4/2

Left In: -2.154+/-0.032 χ^2/NDF : 703.0/8

-0.222+/-0.030 χ^2/NDF : 16351.7/14

-1.110+/-0.030 χ^2/NDF : 9407.6/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -1.122+/-0.013 χ^2/NDF : 5271.1/4

Left Out: 0.965+/-0.008 χ^2/NDF : 4725.8/9

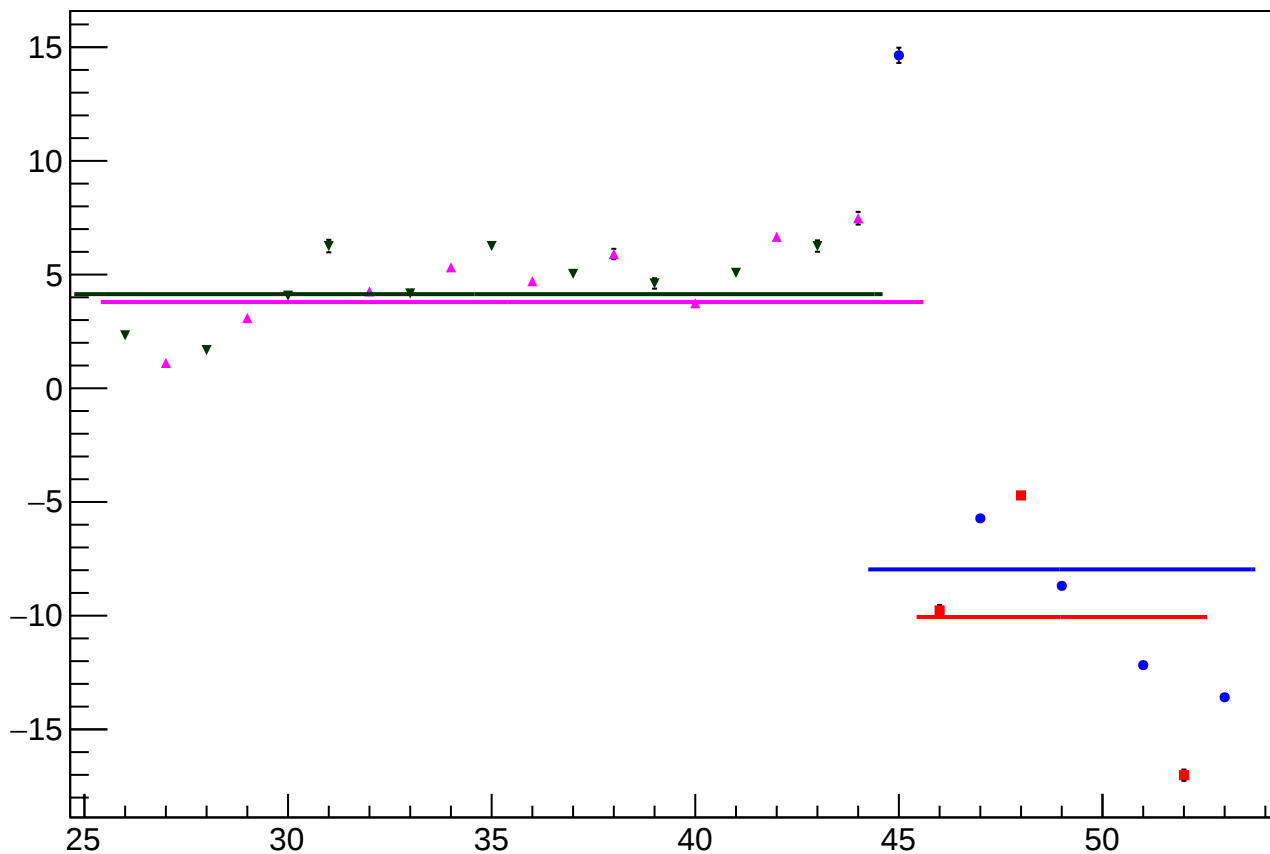
Right Out: -0.954+/-0.018 χ^2/NDF : 1201.6/2

Left In: 0.829+/-0.007 χ^2/NDF : 3974.8/8

0.383+/-0.007 χ^2/NDF : 29087.9/14

0.563+/-0.007 χ^2/NDF : 13723.9/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -7.964+/-0.090 χ^2/NDF : 5776.6/4

Left Out: 4.140+/-0.061 χ^2/NDF : 645.5/9

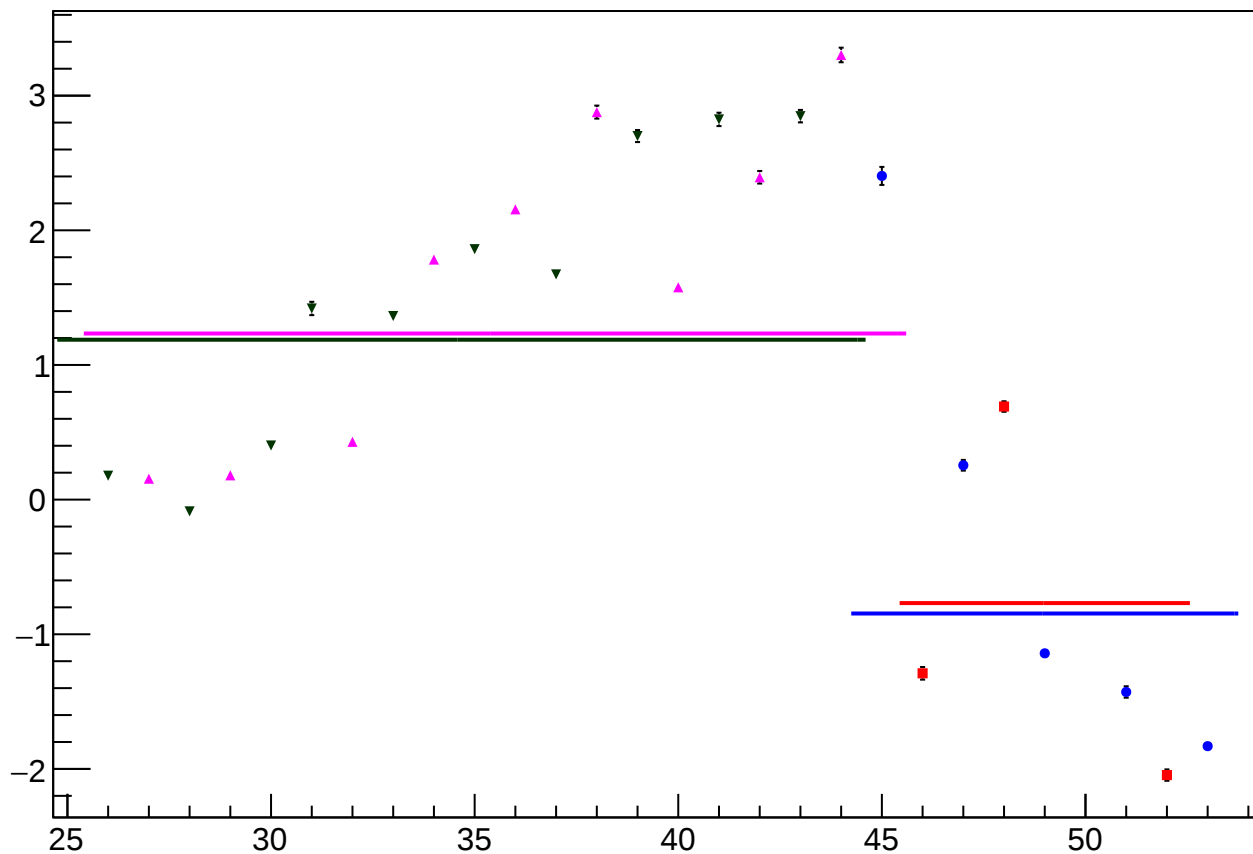
0.323+/-0.050 χ^2/NDF : 18916.6/14

Right Out: -10.056+/-0.136 χ^2/NDF : 1378.2/2

1.921+/-0.050 χ^2/NDF : 11462.4/11

Left In: 3.791+/-0.054 χ^2/NDF : 1110.1/8

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.846 ± 0.017 $\chi^2/\text{NDF}: 4115.5/4$

Left Out: 1.187 ± 0.011 $\chi^2/\text{NDF}: 8226.8/9$

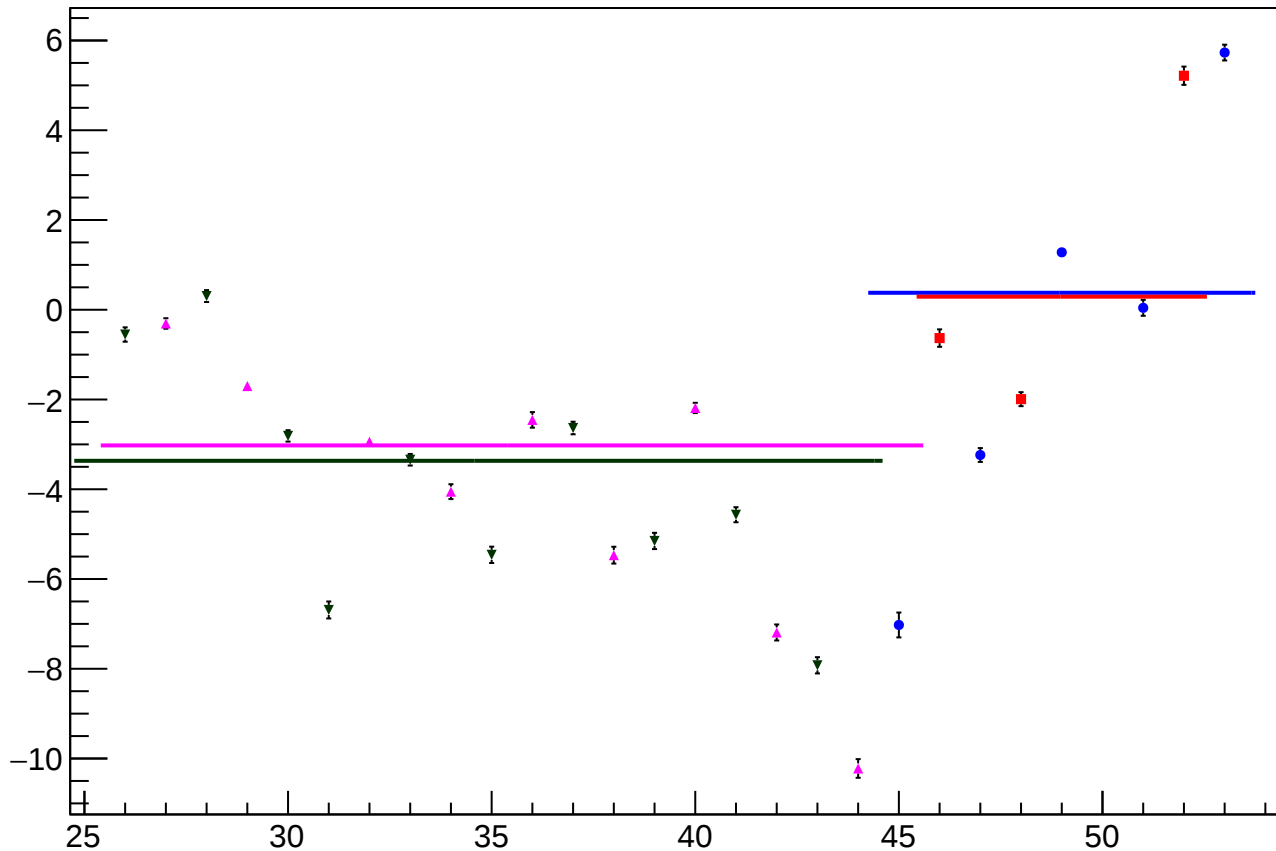
Right Out: -0.768 ± 0.025 $\chi^2/\text{NDF}: 2413.0/2$

Left In: 1.234 ± 0.011 $\chi^2/\text{NDF}: 7863.3/8$

0.614 ± 0.009 $\chi^2/\text{NDF}: 22574.2/14$

0.891 ± 0.010 $\chi^2/\text{NDF}: 15788.3/11$

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 0.378+/-0.068 χ^2/NDF : 2269.4/4

Left Out: -3.366+/-0.049 χ^2/NDF : 2347.4/9

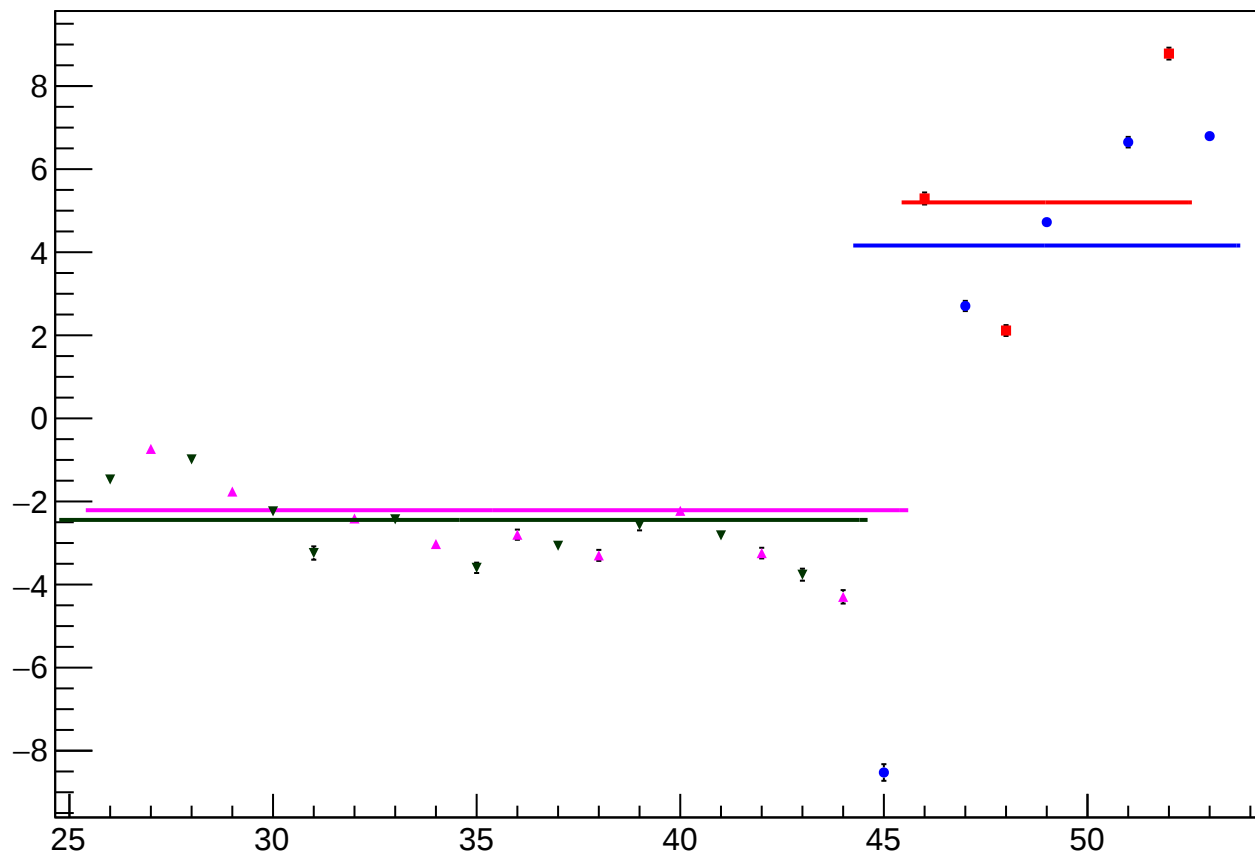
Right Out: 0.291+/-0.104 χ^2/NDF : 823.7/2

Left In: -3.023+/-0.043 χ^2/NDF : 2701.7/8

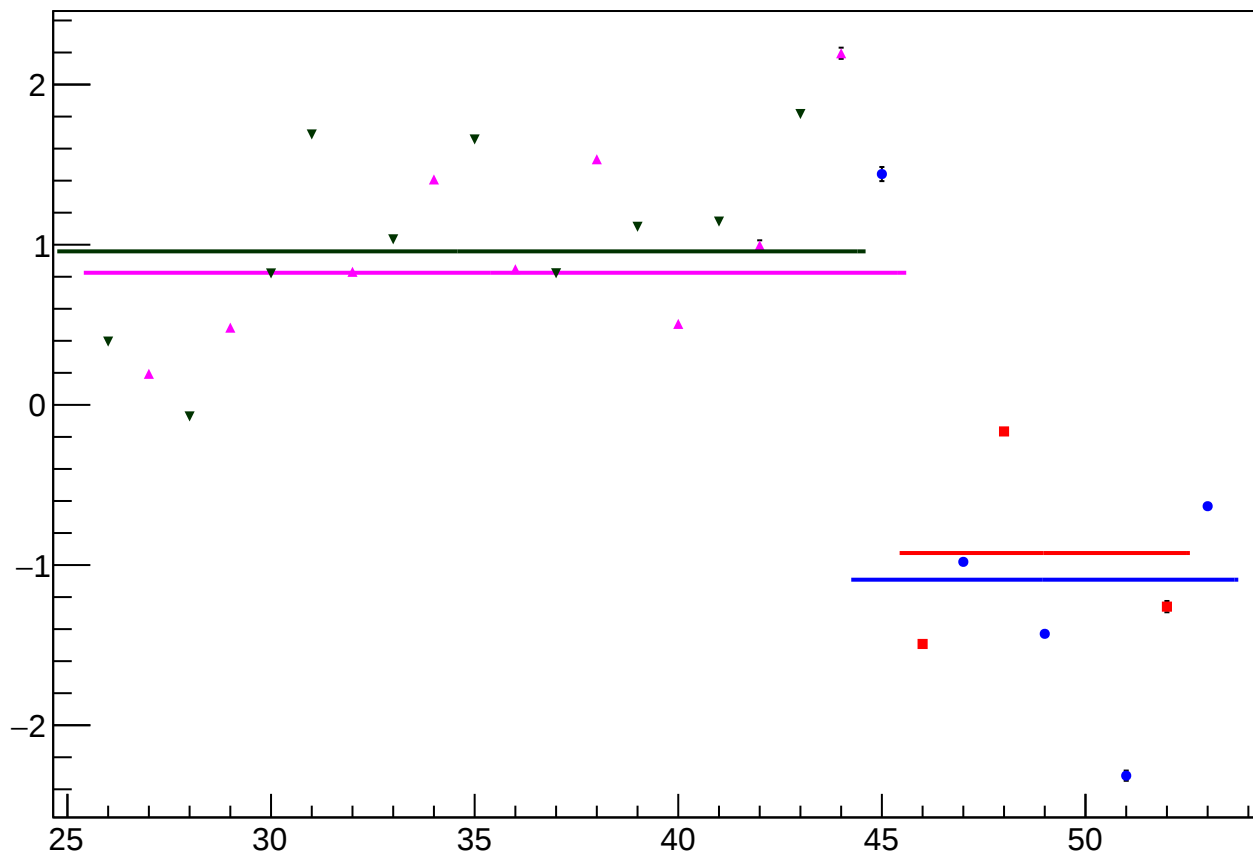
-2.108+/-0.040 χ^2/NDF : 6613.9/14

-2.533+/-0.040 χ^2/NDF : 4386.3/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.091+/-0.013 χ^2/NDF : 5253.8/4

Left Out: 0.958+/-0.008 χ^2/NDF : 4774.0/9

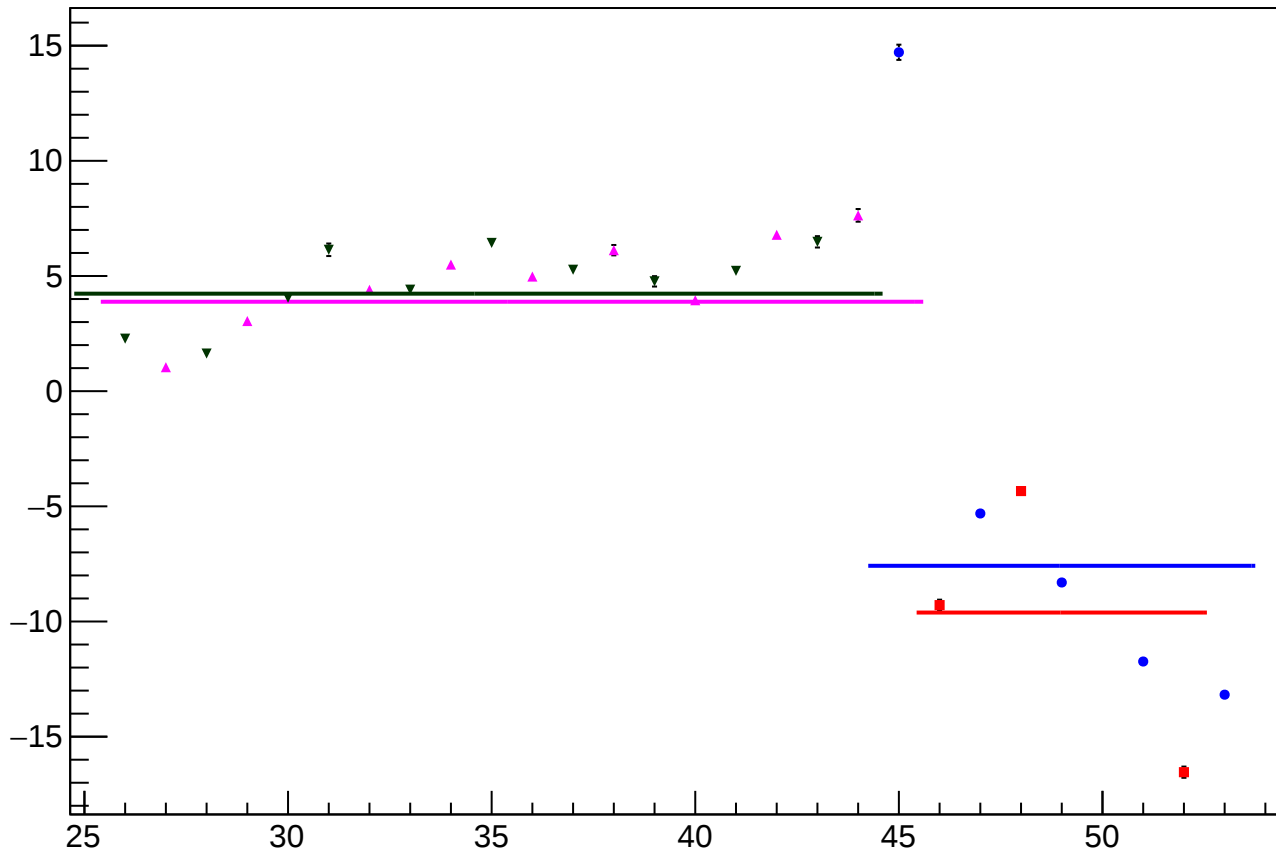
Right Out: -0.925+/-0.018 χ^2/NDF : 1194.5/2

Left In: 0.825+/-0.007 χ^2/NDF : 4028.8/8

0.387+/-0.007 χ^2/NDF : 28974.1/14

0.563+/-0.007 χ^2/NDF : 13680.3/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -7.582 ± 0.088 χ^2/NDF : 5804.3/4

Left Out: 4.233 ± 0.060 χ^2/NDF : 734.7/9

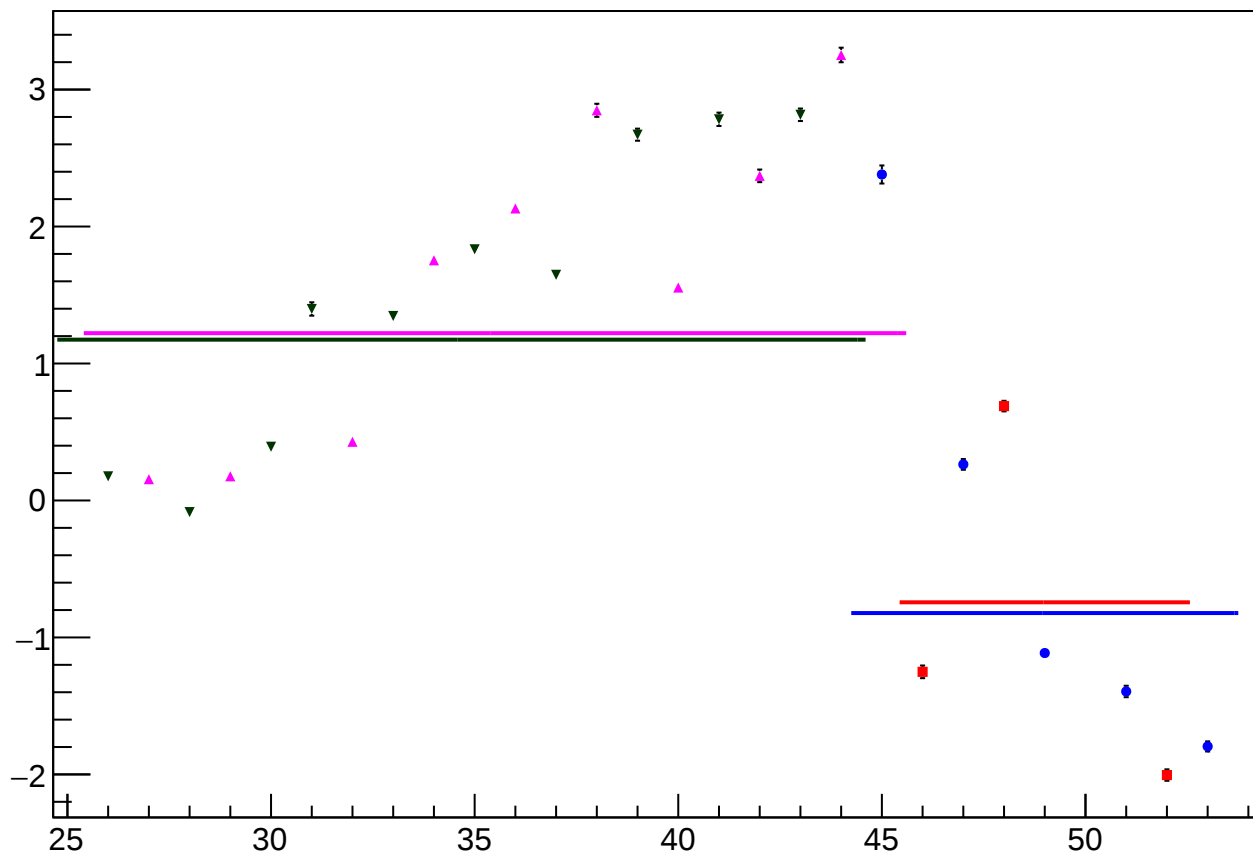
Right Out: -9.611 ± 0.134 χ^2/NDF : 1393.7/2

Left In: 3.882 ± 0.053 χ^2/NDF : 1264.0/8

0.505 ± 0.050 χ^2/NDF : 18777.6/14

2.056 ± 0.049 χ^2/NDF : 11416.6/11

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.822 ± 0.017 χ^2/NDF : 4115.3/4

Left Out: 1.174 ± 0.011 χ^2/NDF : 8236.9/9

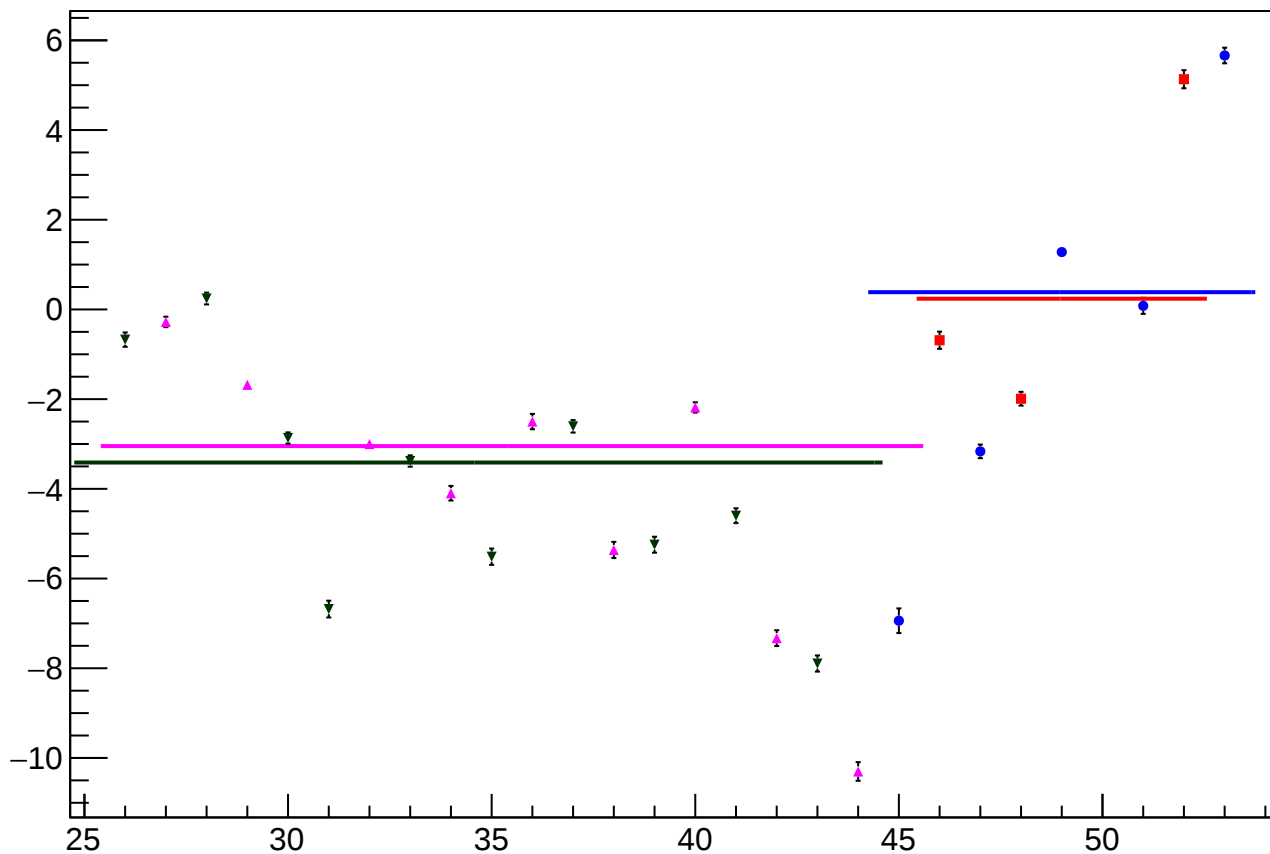
Right Out: -0.744 ± 0.024 χ^2/NDF : 2398.0/2

Left In: 1.222 ± 0.011 χ^2/NDF : 7856.5/8

0.611 ± 0.009 χ^2/NDF : 22490.5/14

0.885 ± 0.010 χ^2/NDF : 15713.5/11

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 0.385 ± 0.068 χ^2/NDF : 2251.4/4

Left Out: -3.413 ± 0.048 χ^2/NDF : 2330.4/9

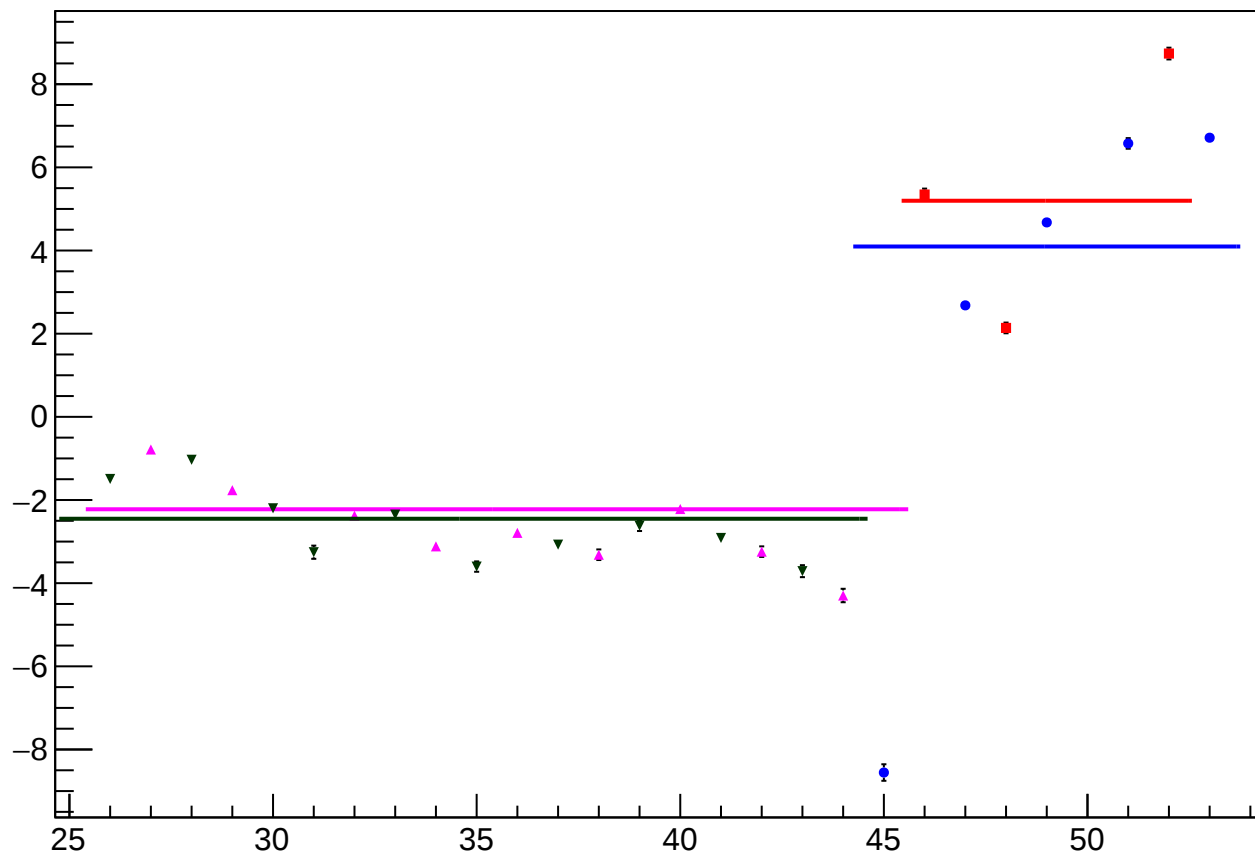
Right Out: 0.239 ± 0.103 χ^2/NDF : 822.5/2

Left In: -3.046 ± 0.043 χ^2/NDF : 2807.6/8

-2.141 ± 0.039 χ^2/NDF : 6671.2/14

-2.561 ± 0.040 χ^2/NDF : 4497.3/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 4.097 $\pm$ 0.052 χ^2 /NDF: 5090.5/4

Left Out: -2.451 $\pm$ 0.036 χ^2 /NDF: 538.5/9

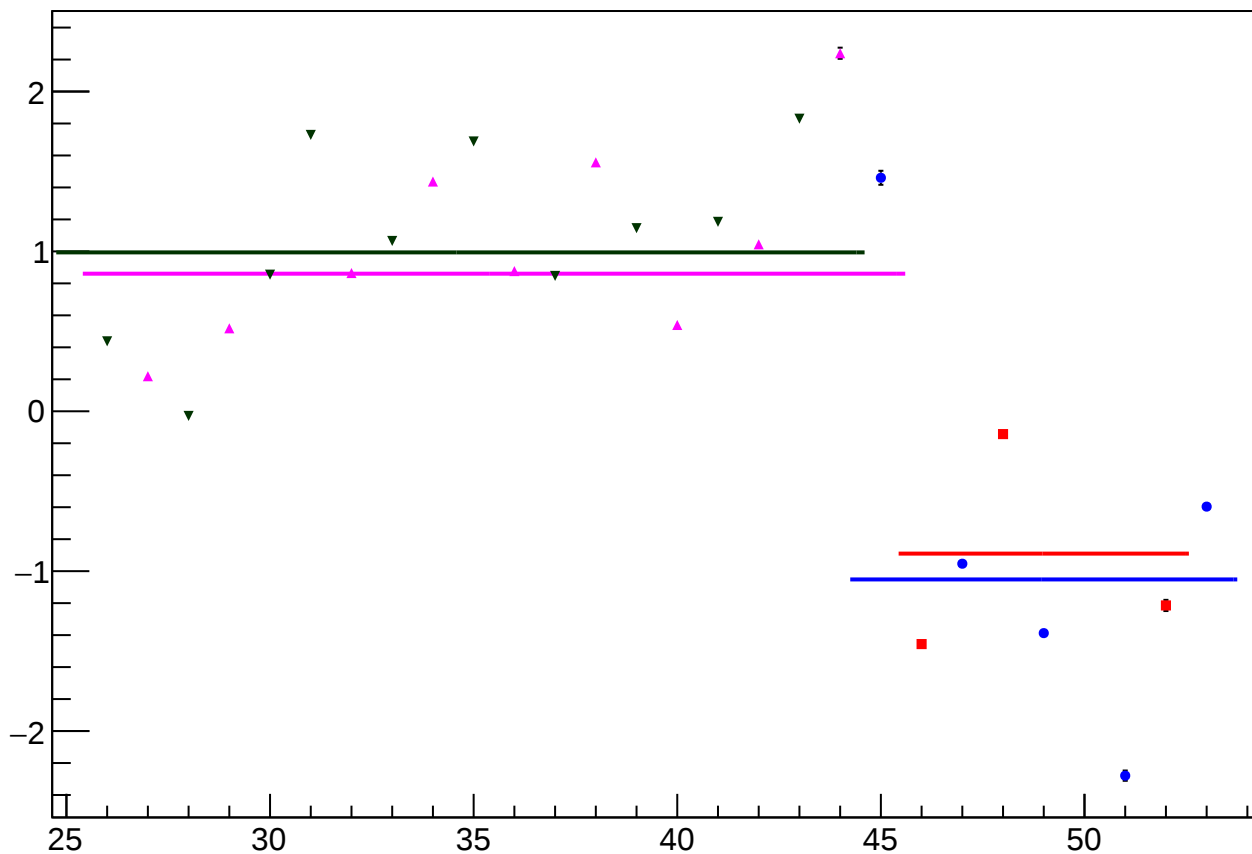
Right Out: 5.197 $\pm$ 0.079 χ^2 /NDF: 1188.2/2

Left In: -2.223 $\pm$ 0.032 χ^2 /NDF: 822.3/8

-0.358 $\pm$ 0.030 χ^2 /NDF: 16232.1/14

-1.203 $\pm$ 0.029 χ^2 /NDF: 9563.9/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.052+/-0.013 χ^2/NDF : 5229.4/4

Left Out: 0.994+/-0.008 χ^2/NDF : 4757.6/9

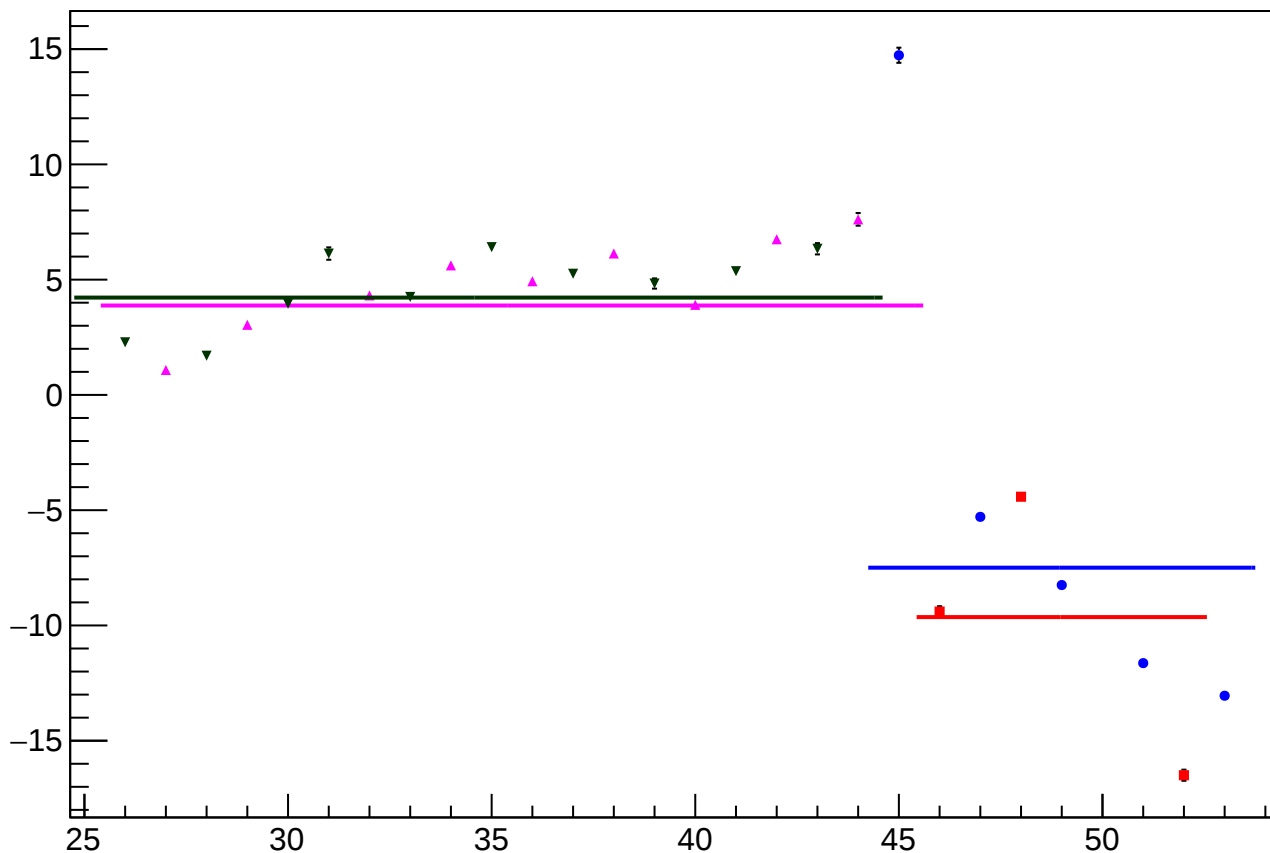
Right Out: -0.890+/-0.017 χ^2/NDF : 1194.9/2

Left In: 0.861+/-0.007 χ^2/NDF : 4134.7/8

0.425+/-0.007 χ^2/NDF : 29175.5/14

0.600+/-0.007 χ^2/NDF : 14005.1/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -7.494+/-0.088 χ^2/NDF : 5829.3/4

Left Out: 4.222+/-0.059 χ^2/NDF : 718.8/9

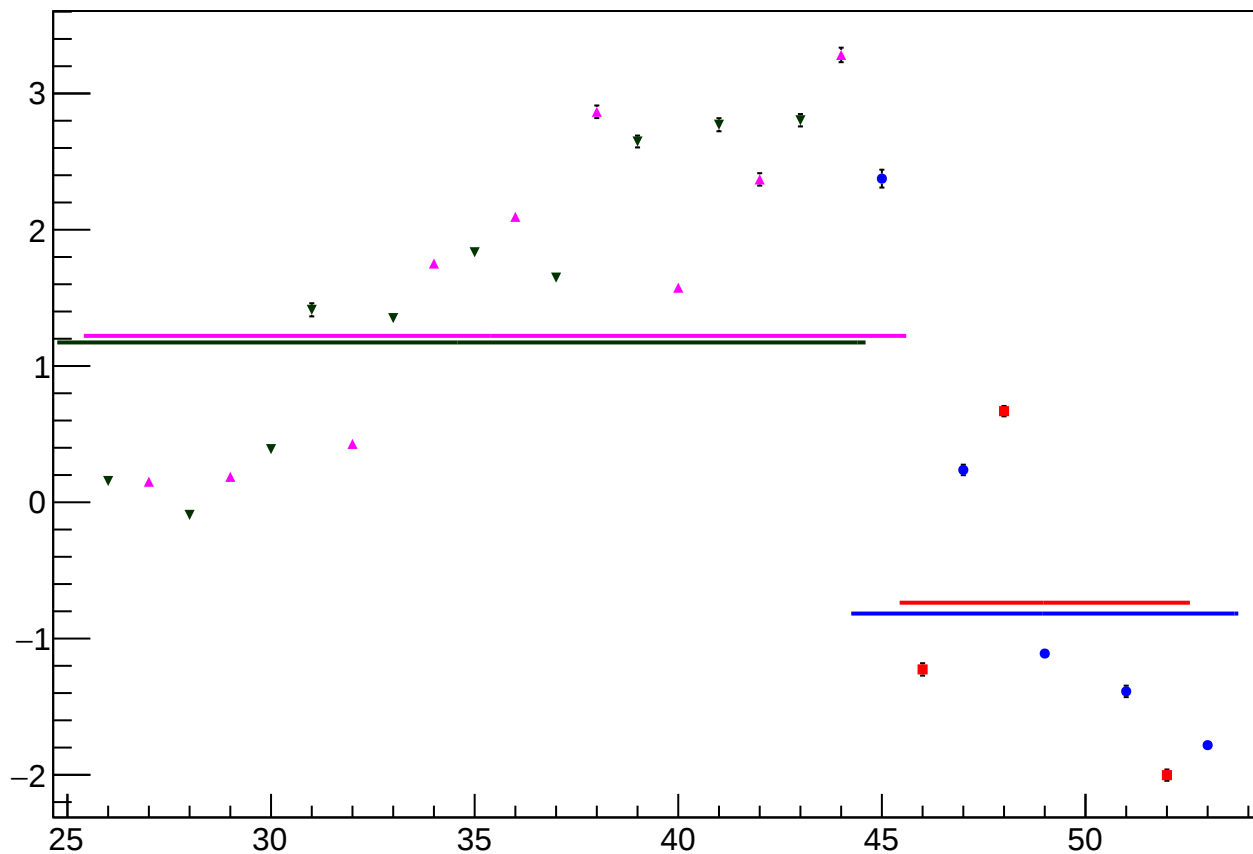
Right Out: -9.637+/-0.132 χ^2/NDF : 1393.8/2

Left In: 3.878+/-0.052 χ^2/NDF : 1271.0/8

0.529+/-0.049 χ^2/NDF : 18776.0/14

2.050+/-0.049 χ^2/NDF : 11676.3/11

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.817 ± 0.017 $\chi^2/\text{NDF}: 4111.4/4$

Left Out: 1.173 ± 0.010 $\chi^2/\text{NDF}: 8374.7/9$

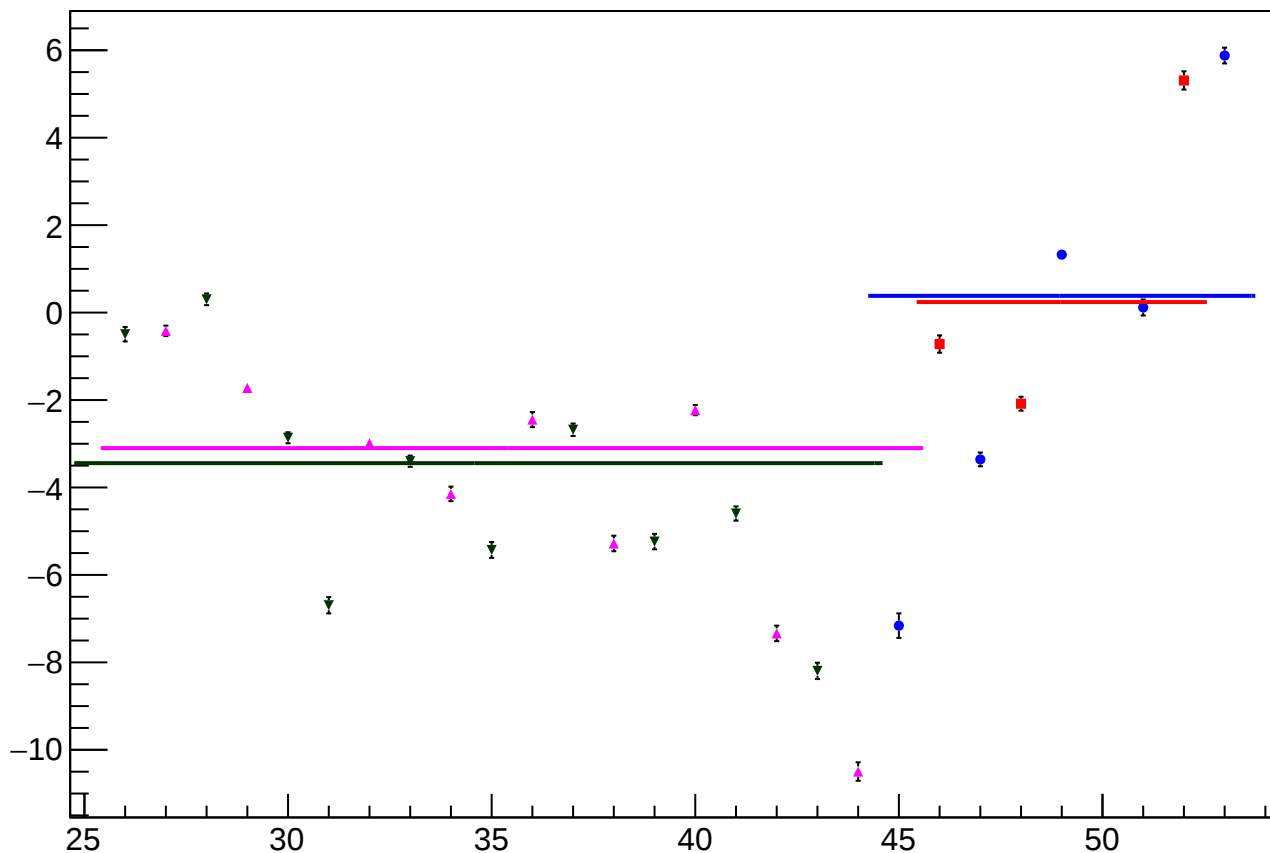
Right Out: -0.737 ± 0.024 $\chi^2/\text{NDF}: 2403.9/2$

Left In: 1.221 ± 0.011 $\chi^2/\text{NDF}: 8099.0/8$

0.612 ± 0.009 $\chi^2/\text{NDF}: 22709.7/14$

0.886 ± 0.010 $\chi^2/\text{NDF}: 16058.8/11$

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 0.383+/-0.070 χ^2/NDF : 2296.5/4

Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

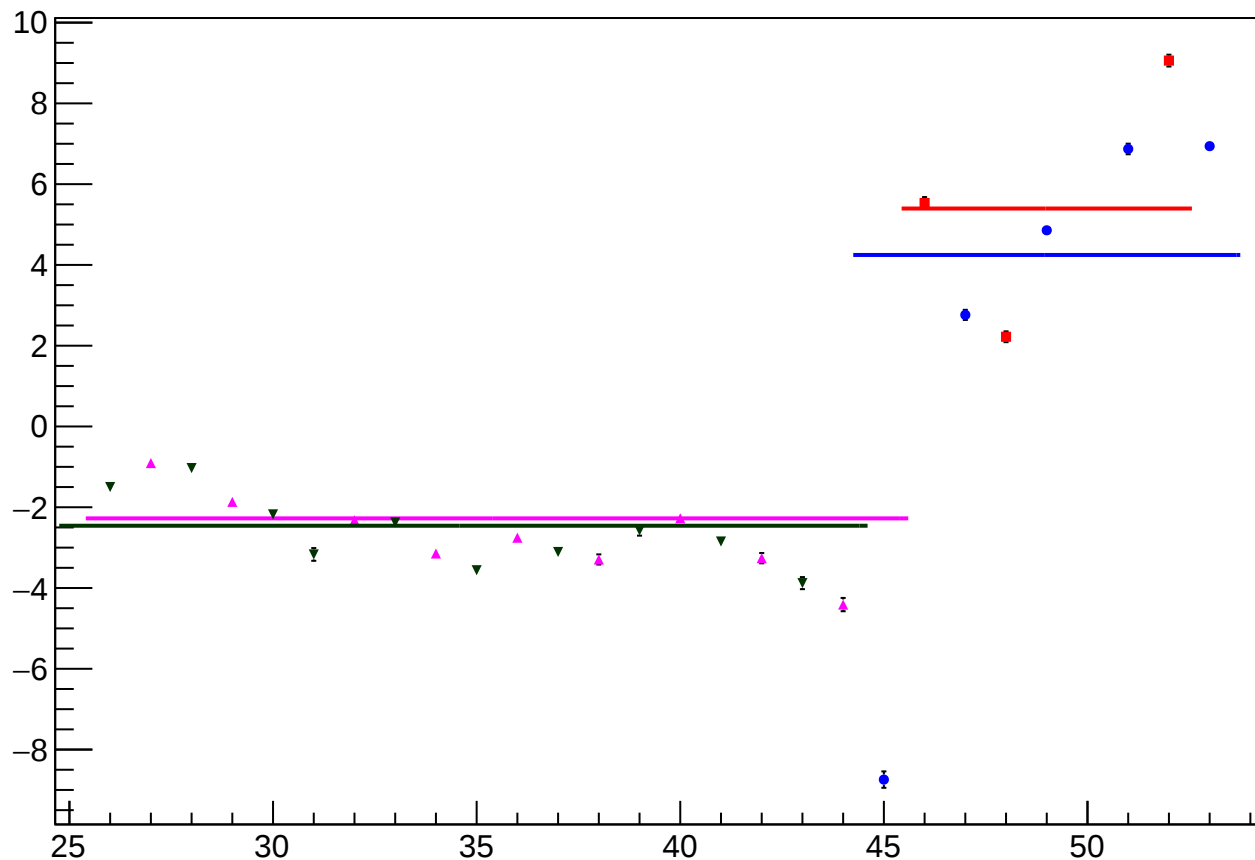
Right Out: 0.241+/-0.107 χ^2/NDF : 824.9/2

Left In: -3.099+/-0.043 χ^2/NDF : 2713.8/8

-2.197+/-0.040 χ^2/NDF : 6675.8/14

-2.627+/-0.040 χ^2/NDF : 4379.1/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 4.247 $\pm$ 0.054 χ^2 /NDF: 5156.4/4

Left Out: -2.458 $\pm$ 0.036 χ^2 /NDF: 528.1/9

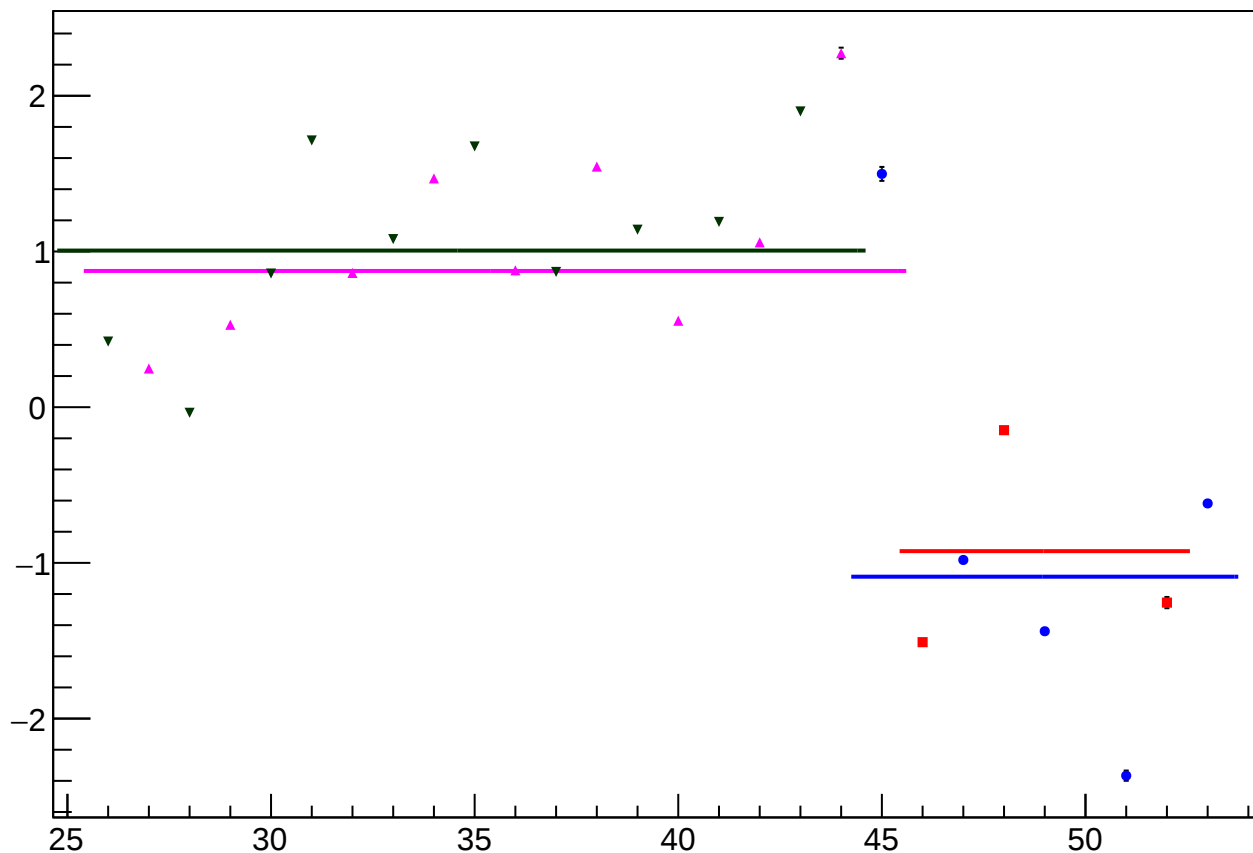
Right Out: 5.397 $\pm$ 0.082 χ^2 /NDF: 1186.9/2

Left In: -2.276 $\pm$ 0.032 χ^2 /NDF: 728.7/8

-0.377 $\pm$ 0.030 χ^2 /NDF: 16233.0/14

-1.262 $\pm$ 0.030 χ^2 /NDF: 9493.8/11

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -1.089+/-0.013 χ^2/NDF : 5331.9/4

Left Out: 1.006+/-0.008 χ^2/NDF : 4706.2/9

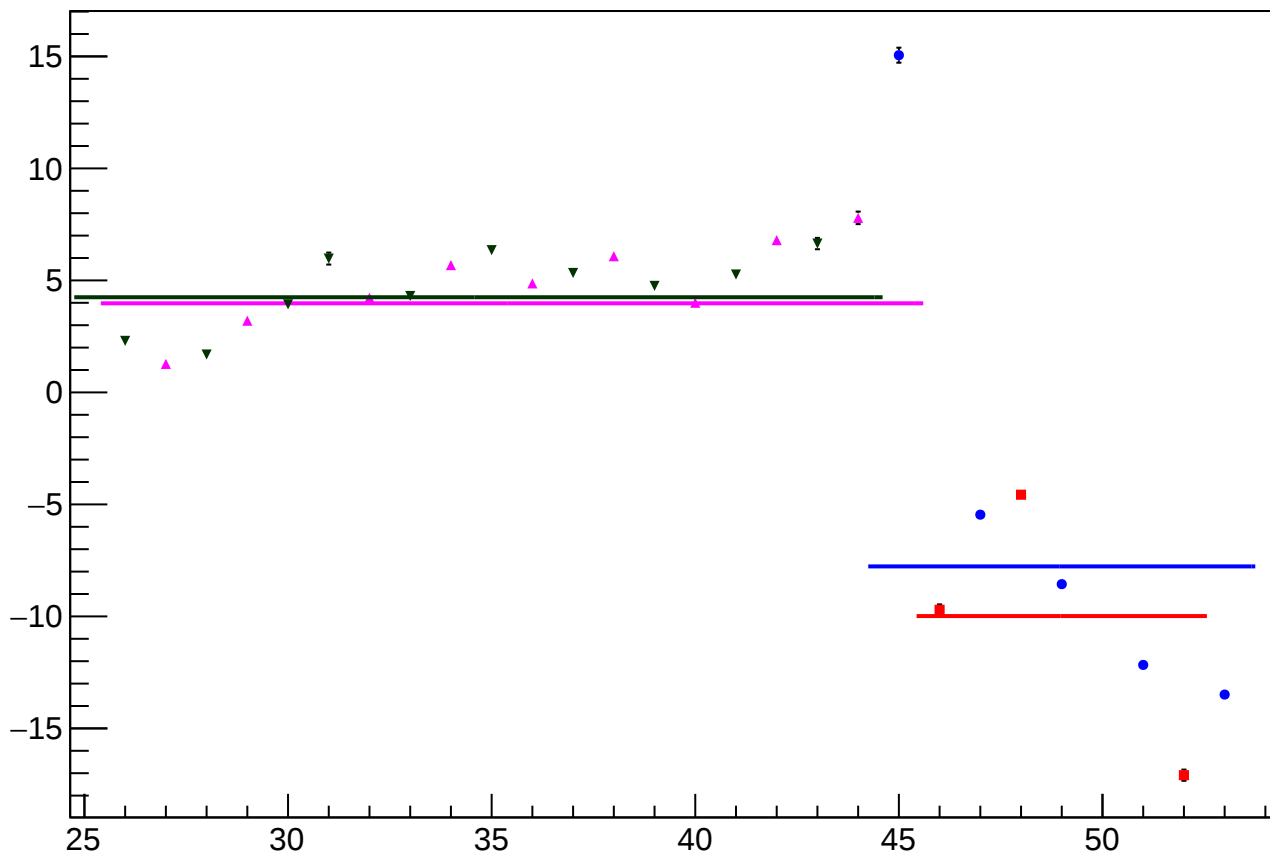
Right Out: -0.925+/-0.018 χ^2/NDF : 1191.5/2

Left In: 0.875+/-0.007 χ^2/NDF : 3999.8/8

0.442+/-0.007 χ^2/NDF : 29098.1/14

0.618+/-0.007 χ^2/NDF : 13789.2/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -7.768+/-0.091 χ^2/NDF : 5899.4/4

Left Out: 4.248+/-0.060 χ^2/NDF : 701.0/9

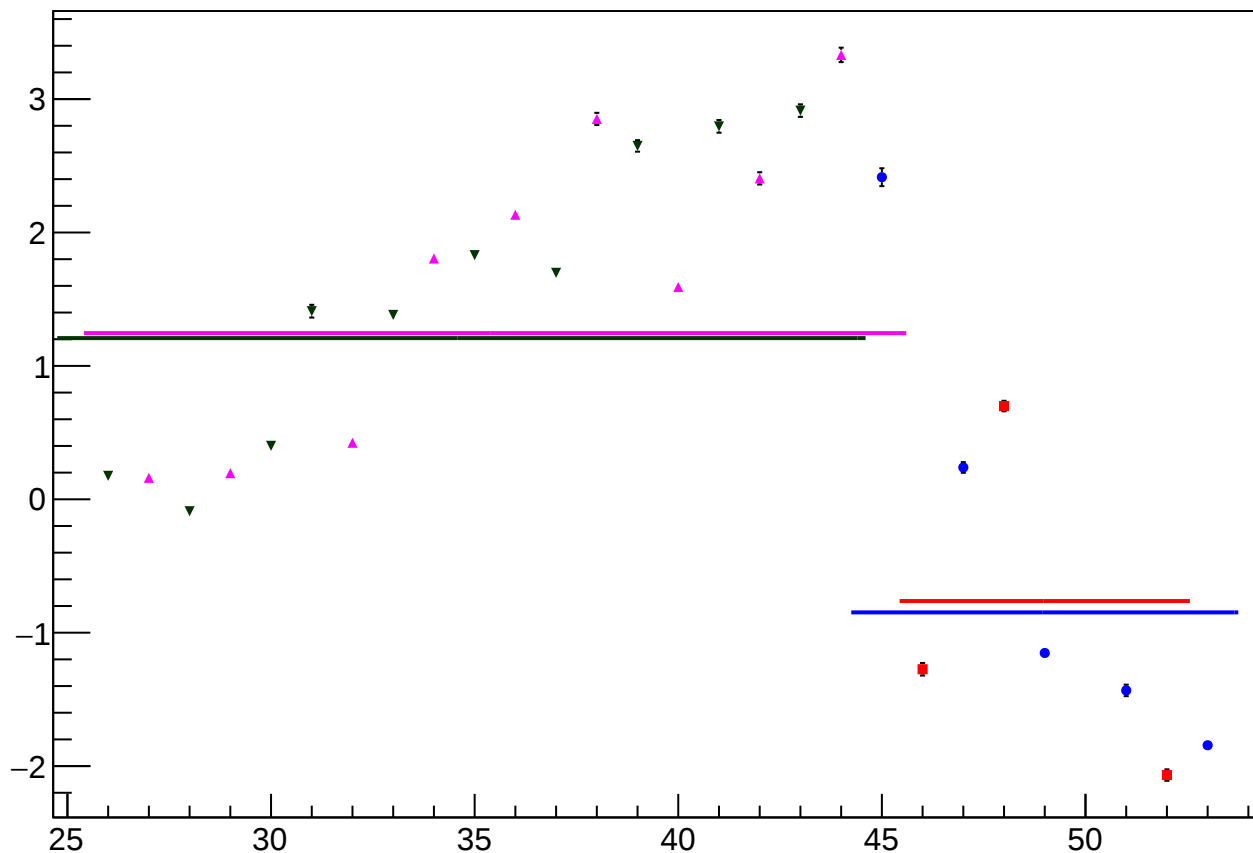
Right Out: -9.985+/-0.137 χ^2/NDF : 1393.8/2

Left In: 3.978+/-0.053 χ^2/NDF : 1142.7/8

0.568+/-0.050 χ^2/NDF : 18799.7/14

2.161+/-0.049 χ^2/NDF : 11558.5/11

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.848 ± 0.017 χ^2/NDF : 4101.2/4

Left Out: 1.208 ± 0.011 χ^2/NDF : 8311.9/9

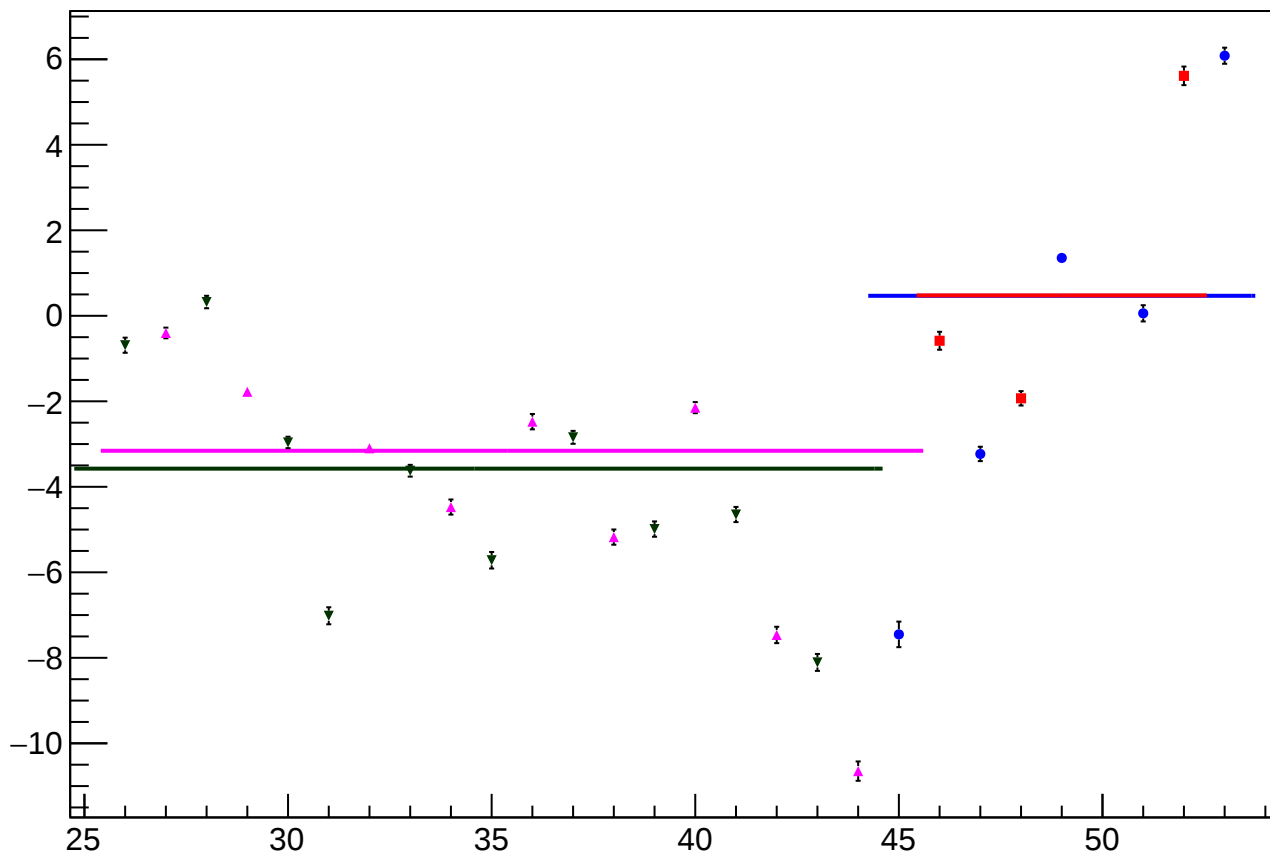
Right Out: -0.763 ± 0.025 χ^2/NDF : 2405.8/2

Left In: 1.246 ± 0.011 χ^2/NDF : 8116.3/8

0.644 ± 0.009 χ^2/NDF : 22750.5/14

0.915 ± 0.010 χ^2/NDF : 16017.1/11

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 0.468 ± 0.074 χ^2/NDF : 2144.1/4

Left Out: -3.575 ± 0.052 χ^2/NDF : 2062.7/9

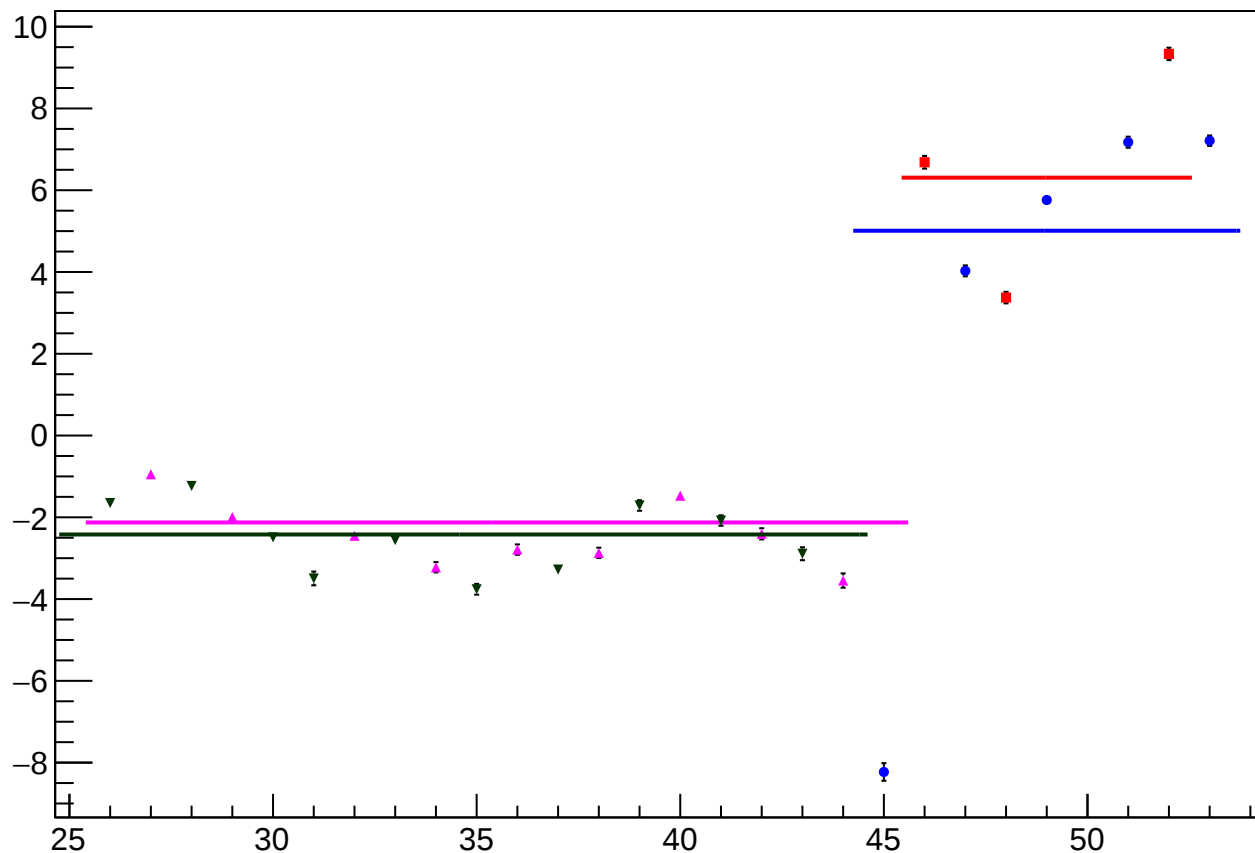
Right Out: -2.233 ± 0.042 χ^2/NDF : 6219.1/14

Left In: -3.157 ± 0.046 χ^2/NDF : 2491.7/8

-2.233 ± 0.042 χ^2/NDF : 6219.1/14

-2.636 ± 0.043 χ^2/NDF : 4173.2/11

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 5.009+/-0.057 χ^2/NDF : 4421.8/4

Left Out: -2.420+/-0.039 χ^2/NDF : 411.6/9

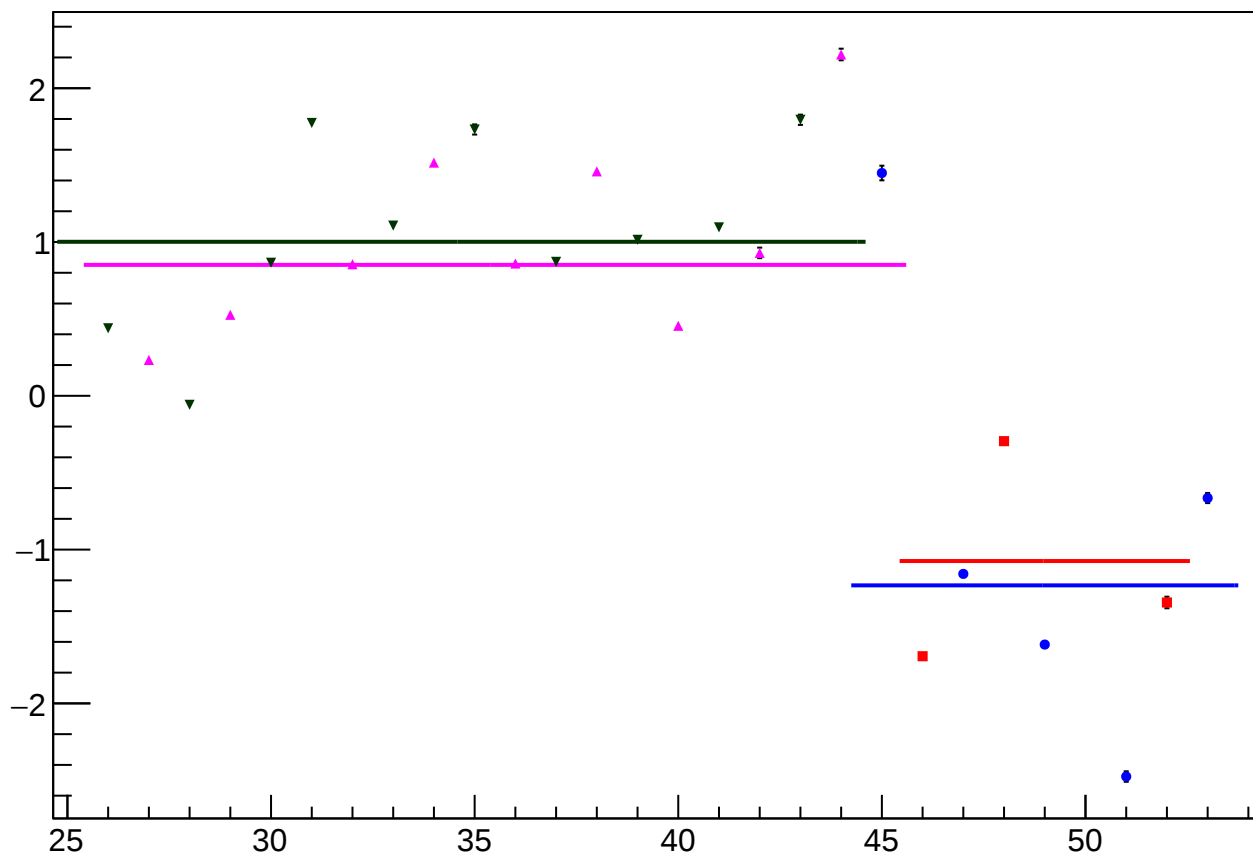
Right Out: 6.308+/-0.086 χ^2/NDF : 827.7/2

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-0.067+/-0.032 χ^2/NDF : 16457.3/14

-1.002+/-0.032 χ^2/NDF : 9589.4/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.233+/-0.014 χ^2/NDF : 5075.9/4

Left Out: 1.001+/-0.008 χ^2/NDF : 4123.3/9

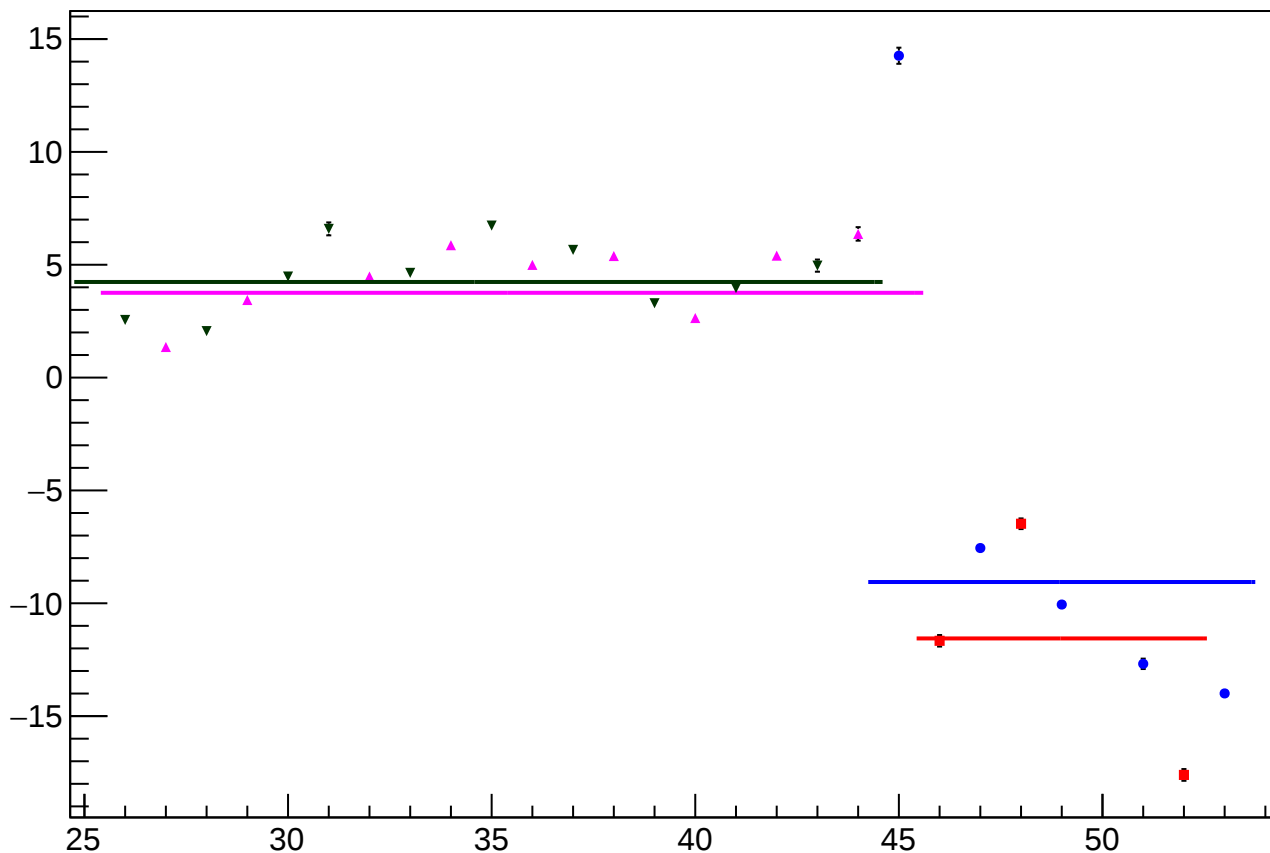
Right Out: -1.074+/-0.019 χ^2/NDF : 1085.6/2

Left In: 0.851+/-0.008 χ^2/NDF : 3579.2/8

0.387+/-0.007 χ^2/NDF : 28630.6/14

0.574+/-0.007 χ^2/NDF : 13508.6/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -9.058 ± 0.095 χ^2/NDF : 5101.7/4

Left Out: 4.237 ± 0.064 χ^2/NDF : 532.8/9

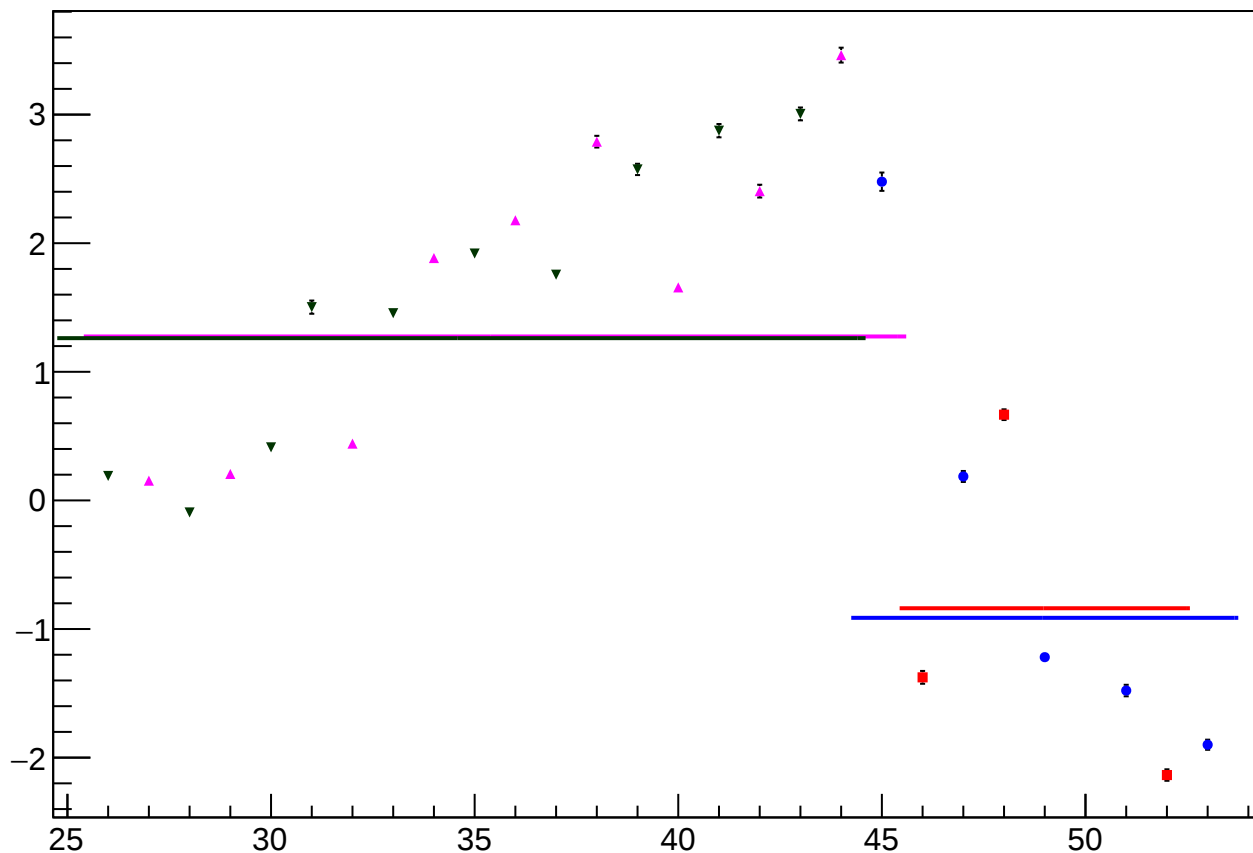
Right Out: -11.558 ± 0.144 χ^2/NDF : 1000.8/2

Left In: 3.757 ± 0.056 χ^2/NDF : 807.9/8

0.078 ± 0.053 χ^2/NDF : 19027.9/14

1.750 ± 0.052 χ^2/NDF : 11588.4/11

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.913 ± 0.018 χ^2/NDF : 3817.8/4

Left Out: 1.262 ± 0.011 χ^2/NDF : 7575.4/9

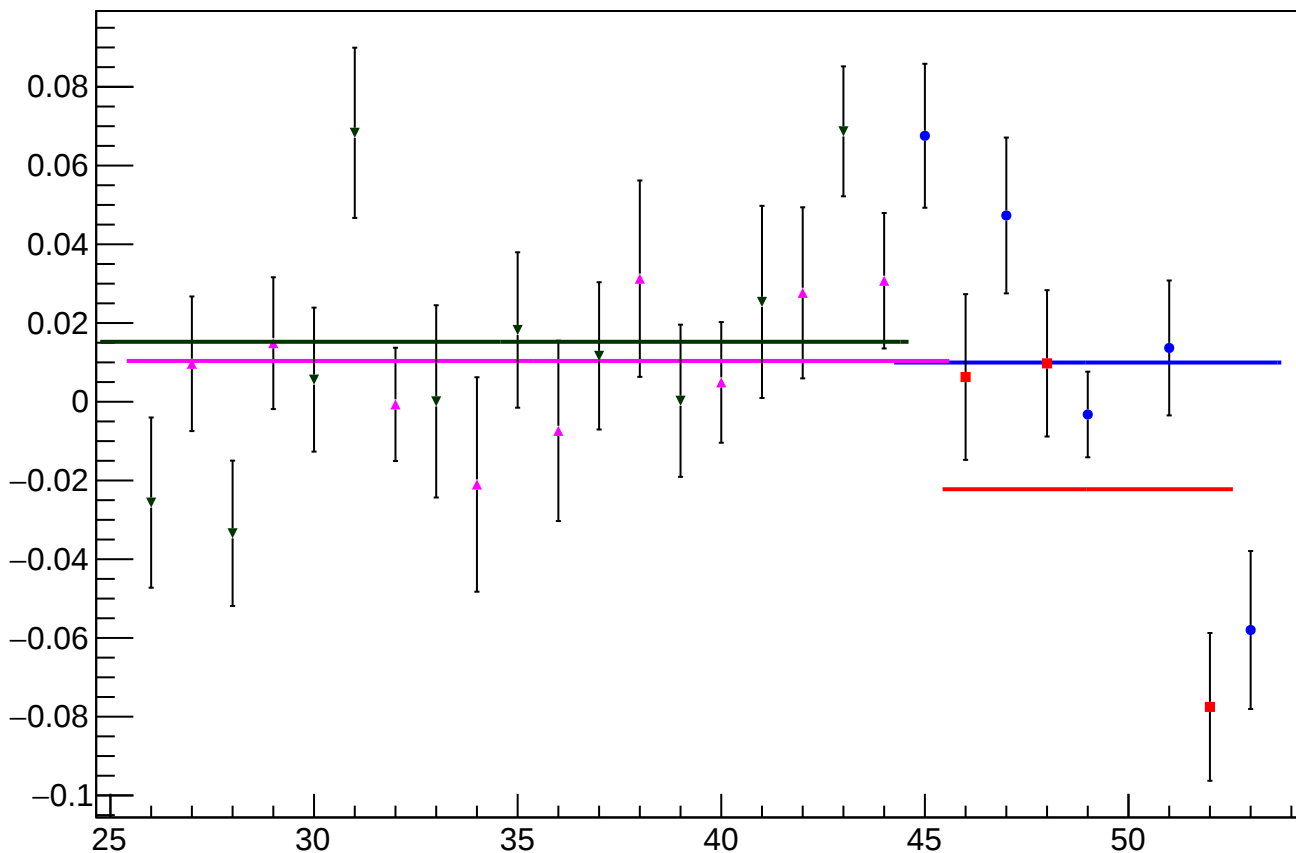
Right Out: -0.838 ± 0.026 χ^2/NDF : 2257.4/2

Left In: 1.275 ± 0.012 χ^2/NDF : 7555.9/8

0.651 ± 0.010 χ^2/NDF : 21757.1/14

0.920 ± 0.011 χ^2/NDF : 15295.8/11

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.010 $\pm$ 0.007 χ^2 /NDF: 26.5/4

Left Out: 0.015 $\pm$ 0.006 χ^2 /NDF:28.5/9

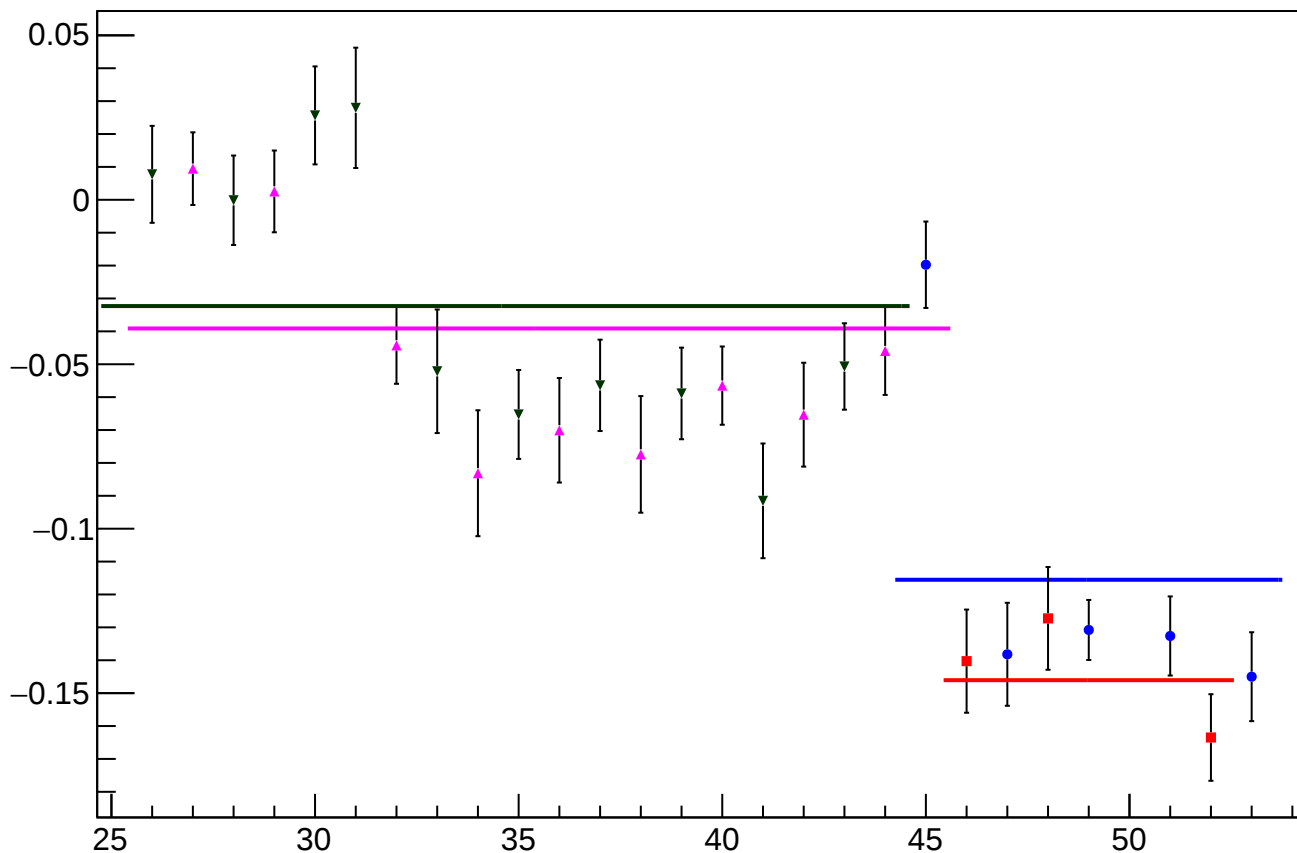
Right Out: -0.022 $\pm$ 0.011 χ^2 /NDF: 13.5/2

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF:5.5/8

0.013 $\pm$ 0.005 χ^2 /NDF: 55.3/14

0.003 $\pm$ 0.005 χ^2 /NDF: 25.4/11

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.116 $\pm$ 0.005 χ^2 /NDF: 64.8/4

Left Out: -0.032 $\pm$ 0.005 χ^2 /NDF: 66.2/9

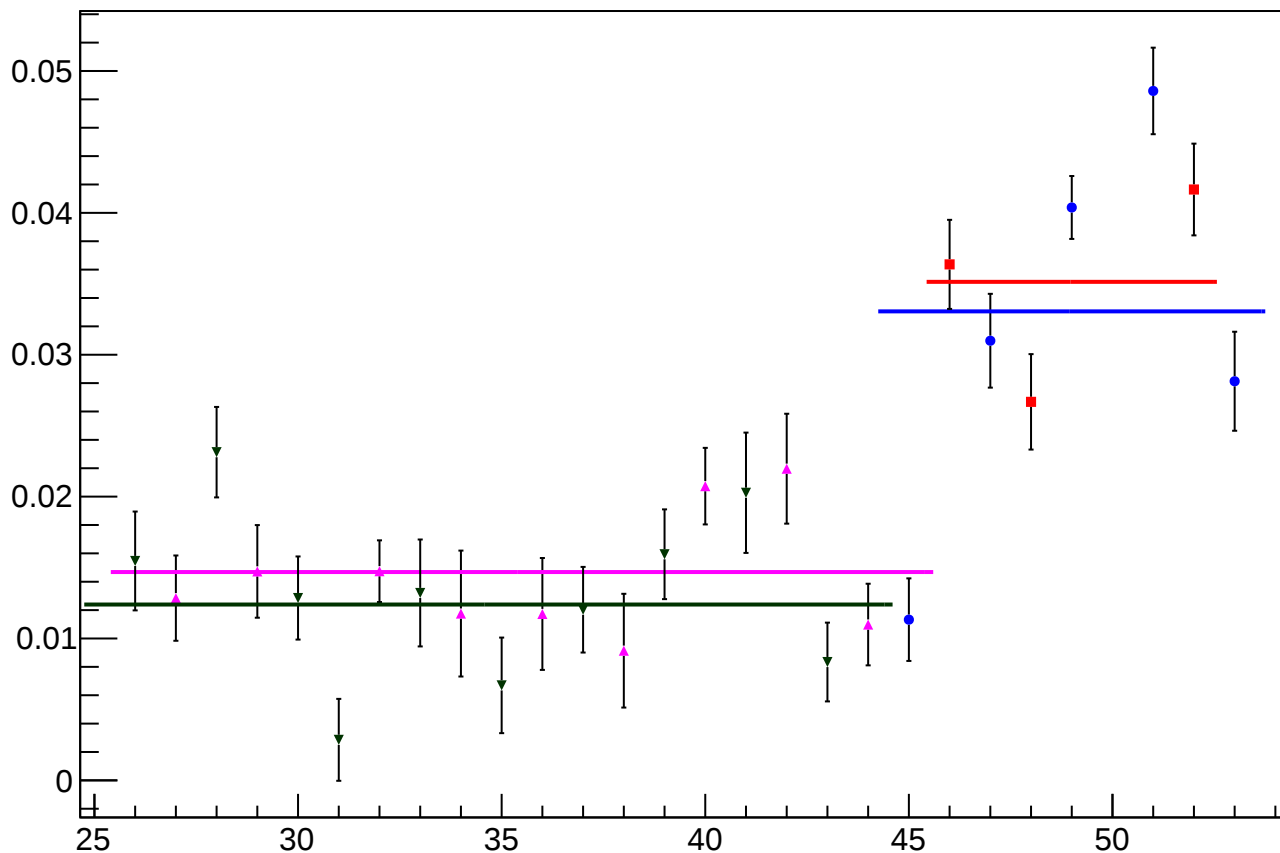
Right Out: -0.146 $\pm$ 0.008 χ^2 /NDF: 3.3/2

Left In: -0.039 $\pm$ 0.005 χ^2 /NDF: 49.7/8

-0.068 $\pm$ 0.004 χ^2 /NDF: 266.1/14

-0.063 $\pm$ 0.004 χ^2 /NDF: 176.8/11

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.033+/-0.001 χ^2/NDF : 95.0/4

Left Out: 0.012+/-0.001 χ^2/NDF : 32.8/9

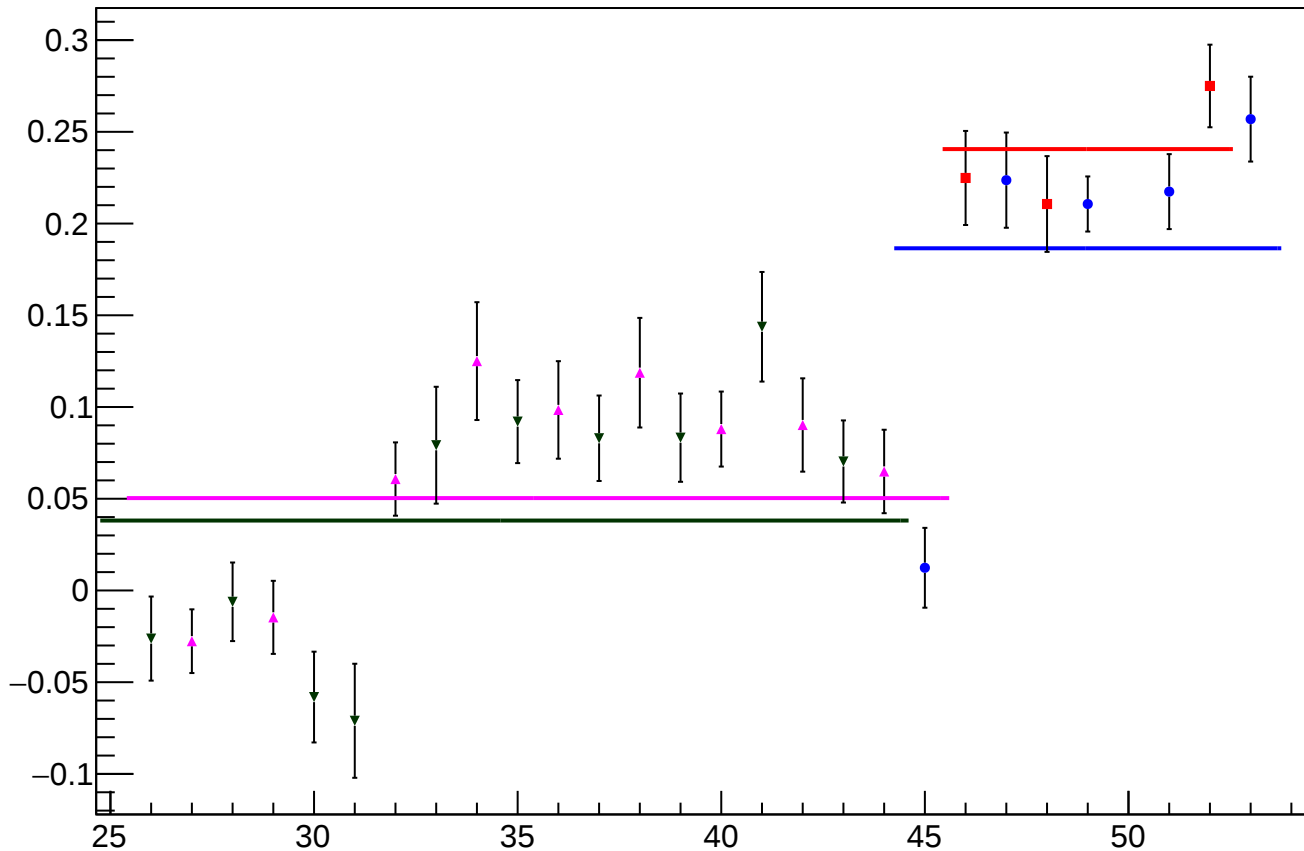
Right Out: 0.035+/-0.002 χ^2/NDF : 10.5/2

Left In: 0.015+/-0.001 χ^2/NDF : 13.5/8

0.020+/-0.001 χ^2/NDF : 286.6/14

0.020+/-0.001 χ^2/NDF : 115.2/11

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.187 $\pm$ 0.009 χ^2 /NDF: 80.2/4

Left Out: 0.038 $\pm$ 0.008 χ^2 /NDF: 68.8/9

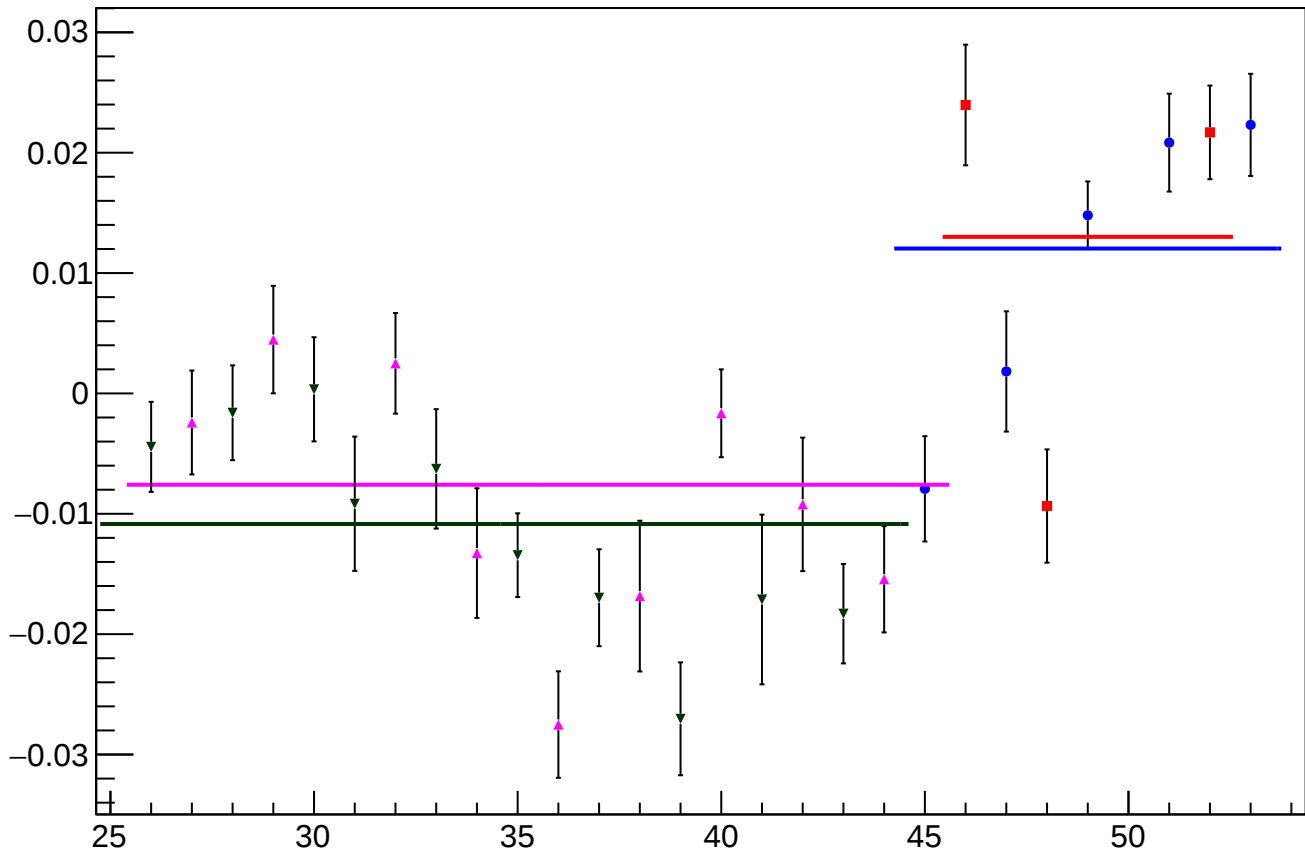
Right Out: 0.241 $\pm$ 0.014 χ^2 /NDF: 4.0/2

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.3/8

0.102 $\pm$ 0.006 χ^2 /NDF: 303.7/14

0.092 $\pm$ 0.007 χ^2 /NDF: 195.6/11

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.012 $\pm$ 0.002 χ^2 /NDF: 36.5/4

Left Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 34.9/9

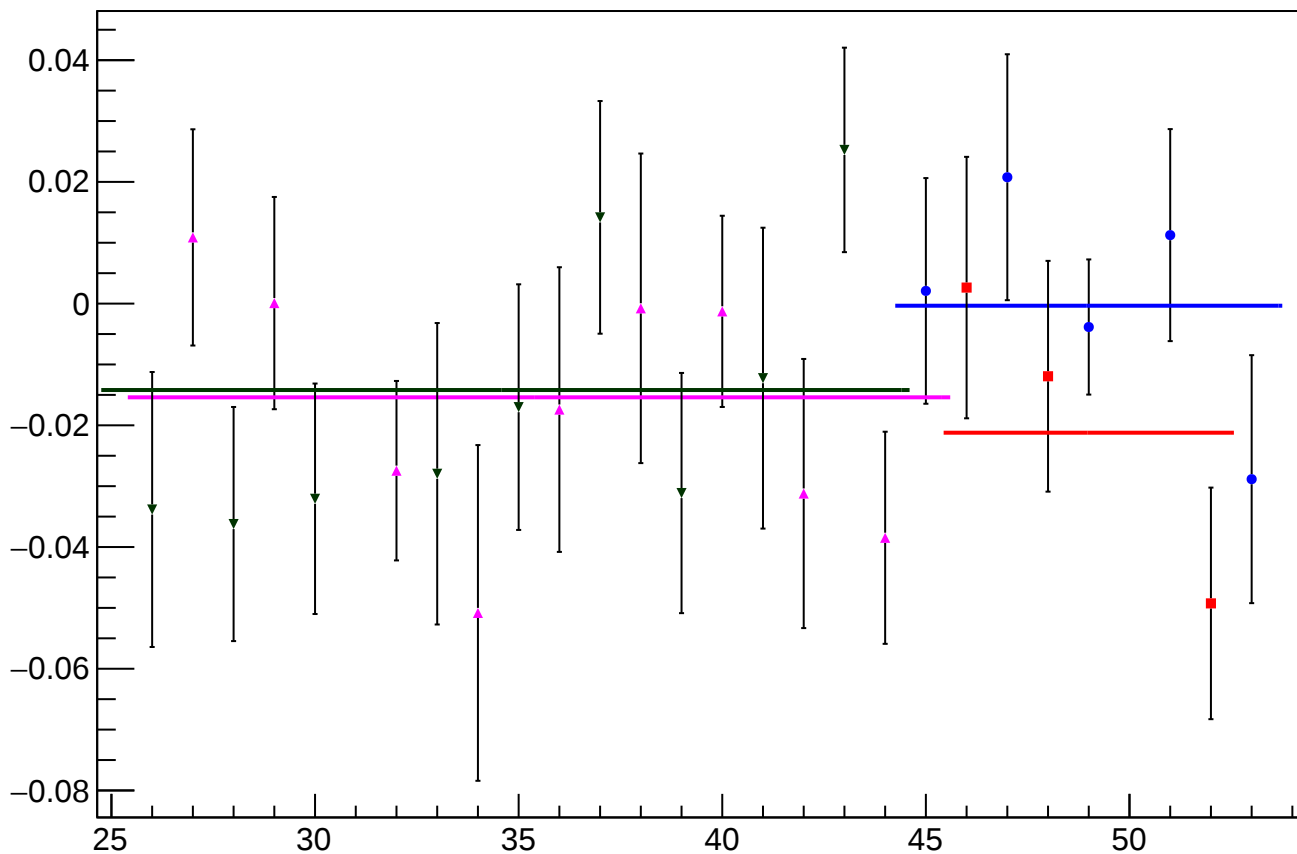
Right Out: 0.013 $\pm$ 0.003 χ^2 /NDF: 32.3/2

Left In: -0.008 $\pm$ 0.002 χ^2 /NDF: 44.0/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 178.9/14

-0.002 $\pm$ 0.001 χ^2 /NDF: 123.8/11

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.000 ± 0.007 χ^2/NDF : 3.6/4

Left Out: -0.014 ± 0.007 χ^2/NDF : 11.7/8

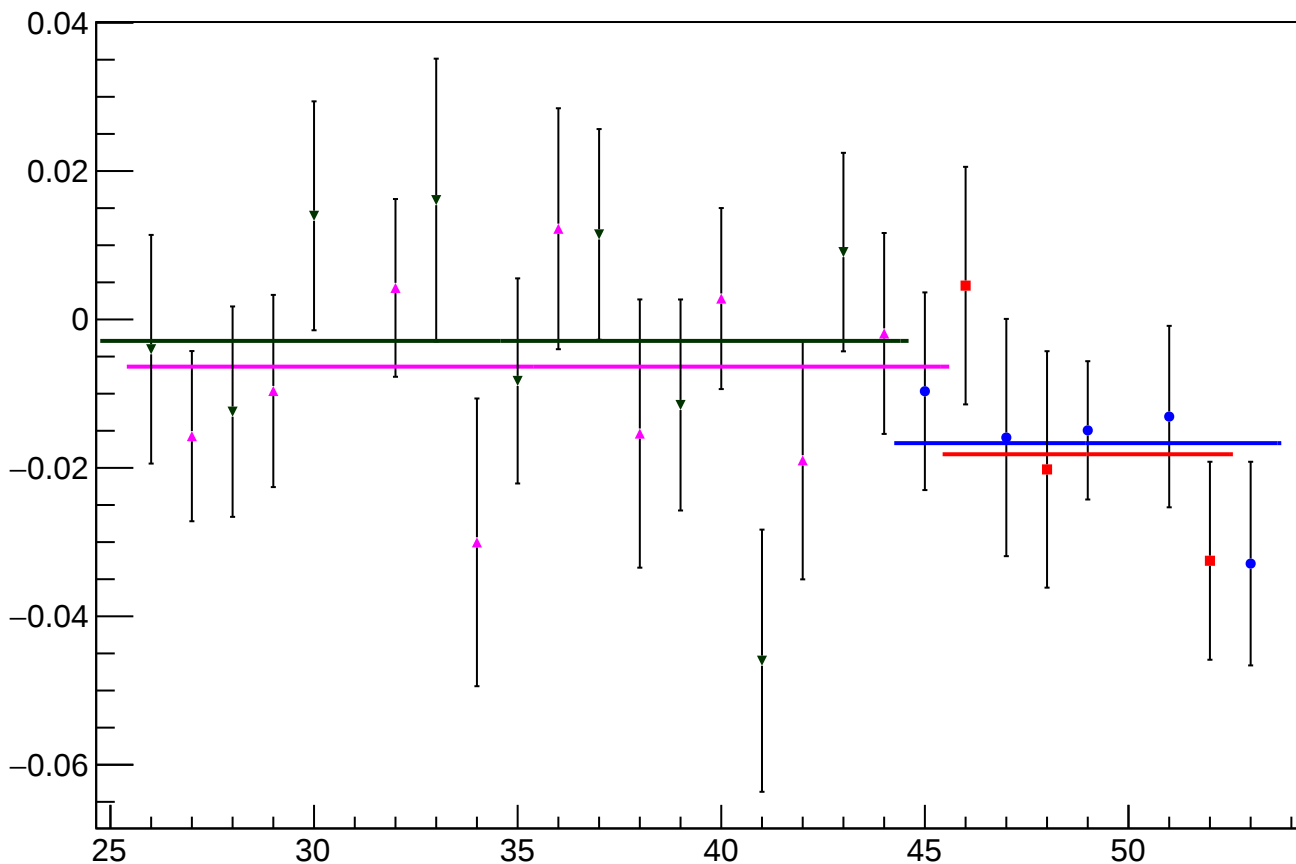
Right Out: -0.021 ± 0.011 χ^2/NDF : 3.6/2

Left In: -0.015 ± 0.006 χ^2/NDF : 8.7/8

-0.008 ± 0.005 χ^2/NDF : 17.3/13

-0.017 ± 0.006 χ^2/NDF : 12.5/11

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.017+/-0.005 χ^2 /NDF: 1.8/4

Left Out: -0.003+/-0.005 χ^2 /NDF:10.9/8

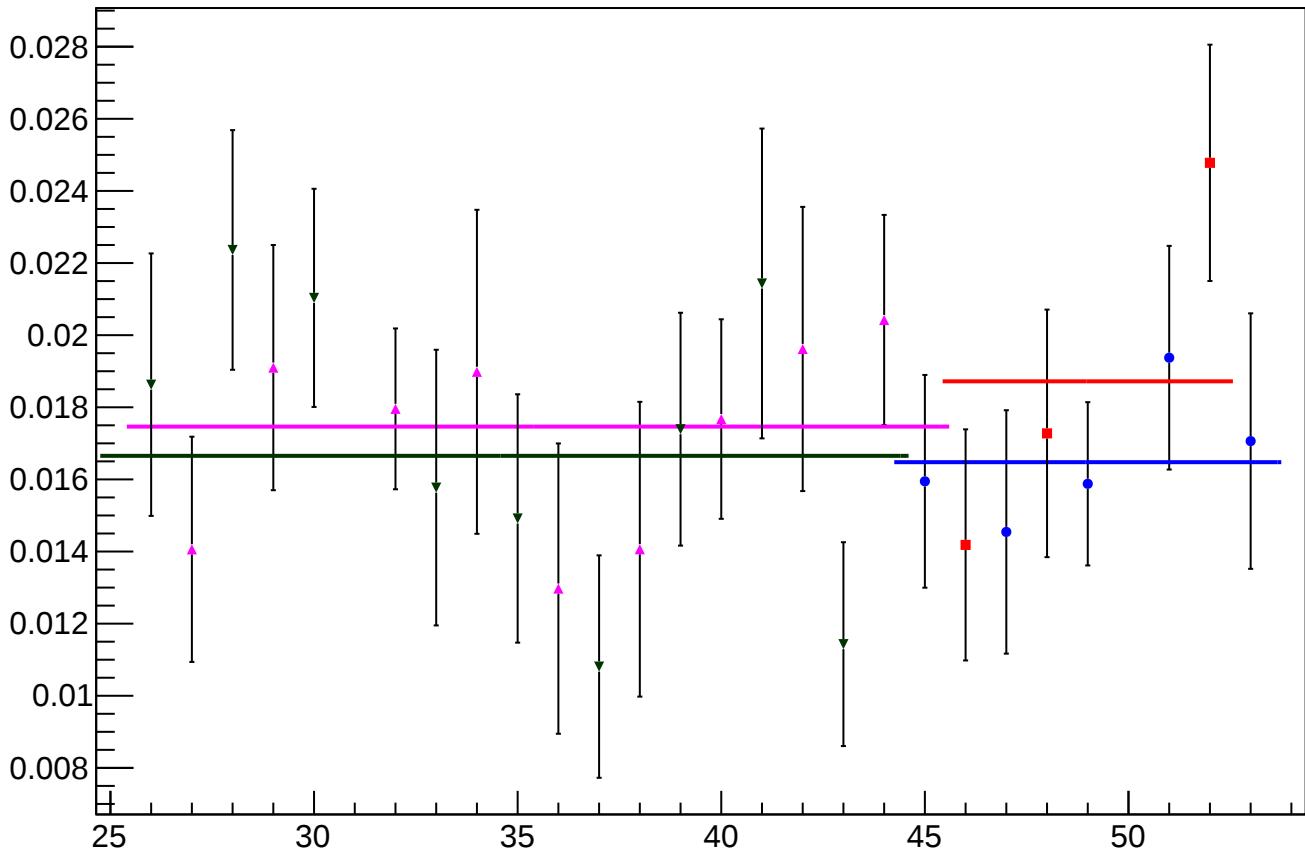
Right Out: -0.018+/-0.009 χ^2 /NDF: 3.2/2

Left In: -0.006+/-0.005 χ^2 /NDF:5.9/8

-0.009+/-0.004 χ^2 /NDF: 16.2/13

-0.009+/-0.004 χ^2 /NDF: 10.5/11

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 ± 0.001 χ^2/NDF : 1.3/4

Left Out: 0.017 ± 0.001 χ^2/NDF : 13.9/8

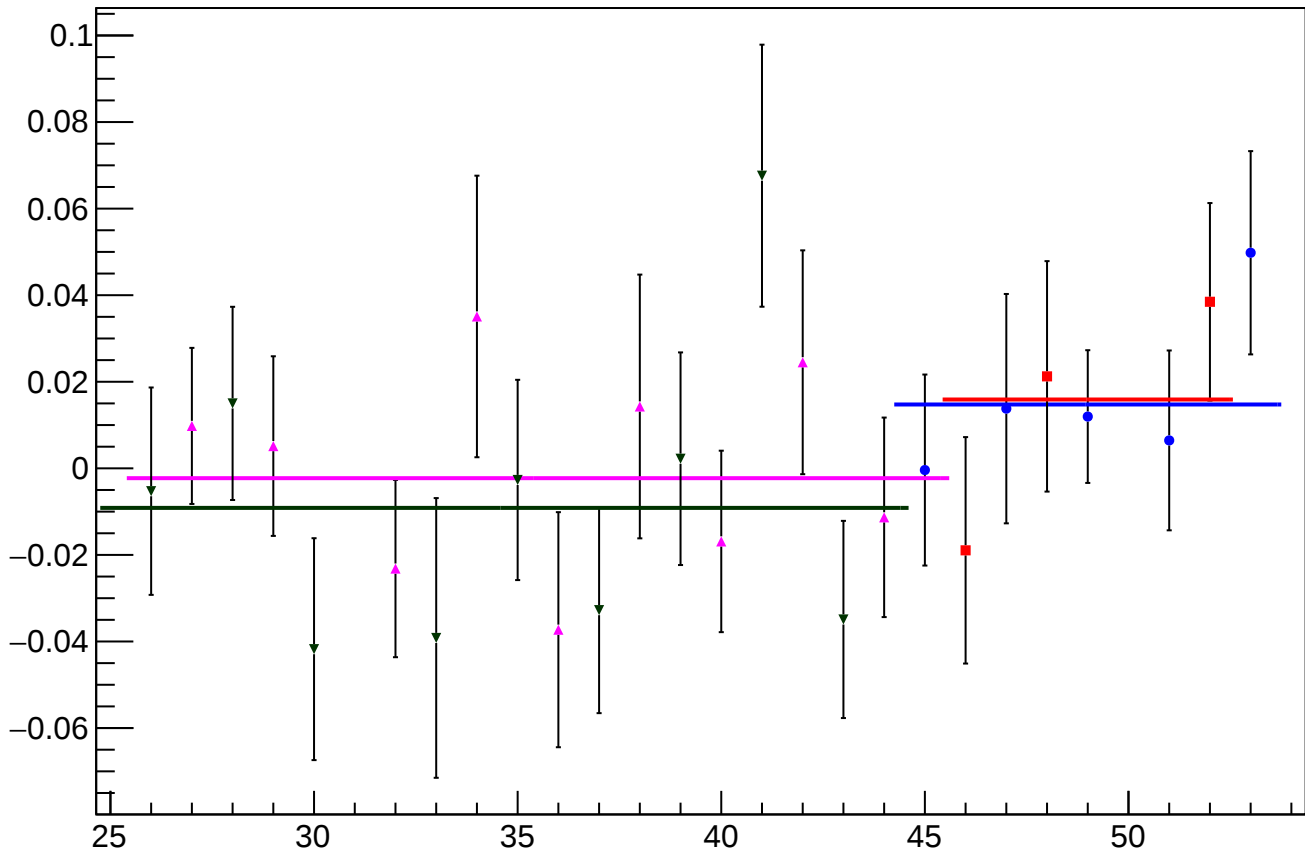
Right Out: 0.019 ± 0.002 χ^2/NDF : 5.6/2

Left In: 0.017 ± 0.001 χ^2/NDF : 4.9/8

0.017 ± 0.001 χ^2/NDF : 15.3/13

0.018 ± 0.001 χ^2/NDF : 10.8/11

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.015 $\pm$ 0.009 χ^2 /NDF: 2.9/4

Left Out: -0.009 $\pm$ 0.008 χ^2 /NDF: 12.7/8

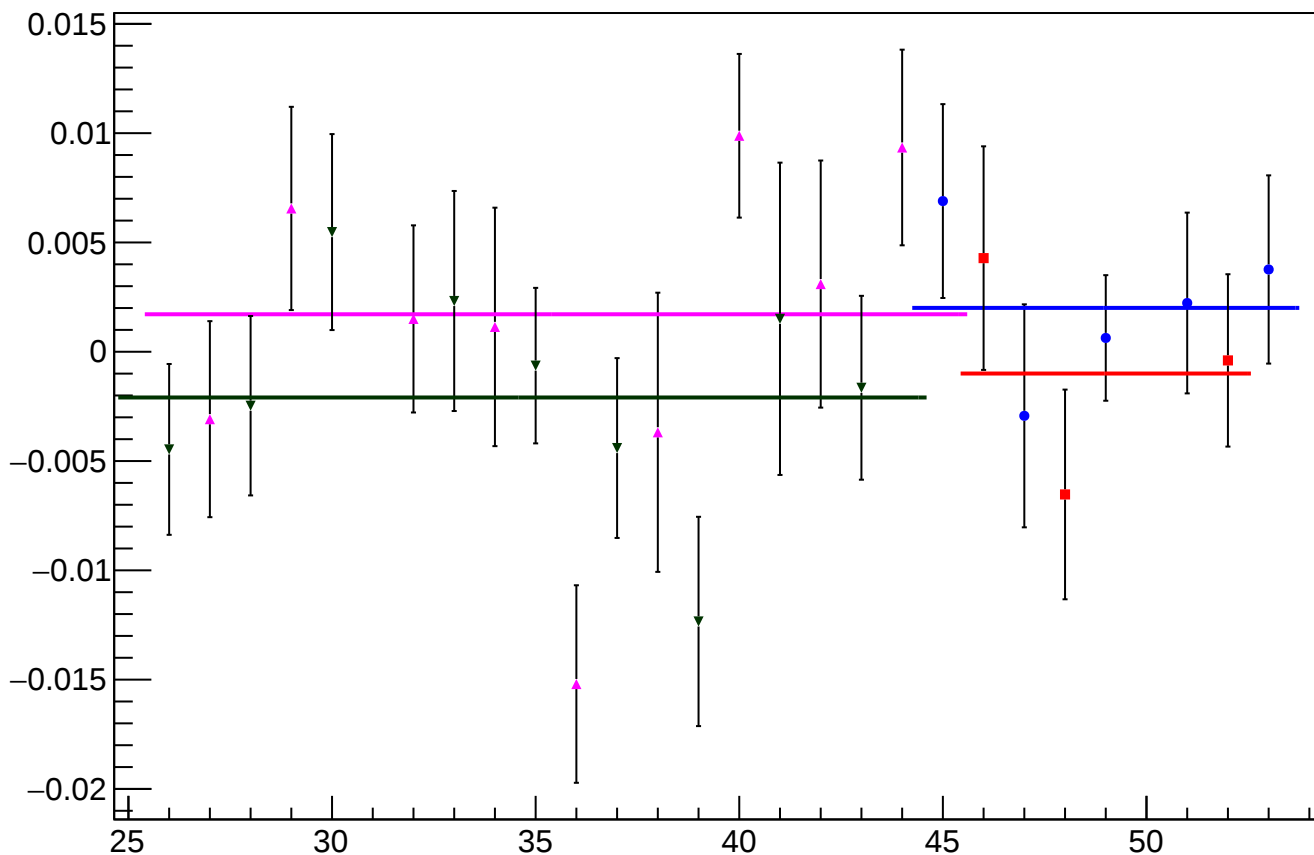
Right Out: 0.016 $\pm$ 0.014 χ^2 /NDF: 2.8/2

Left In: -0.002 $\pm$ 0.008 χ^2 /NDF: 6.6/8

0.002 $\pm$ 0.006 χ^2 /NDF: 19.3/13

0.002 $\pm$ 0.007 χ^2 /NDF: 10.6/11

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002 ± 0.002 χ^2/NDF : 2.6/4

Left Out: -0.002 ± 0.001 χ^2/NDF : 9.3/8

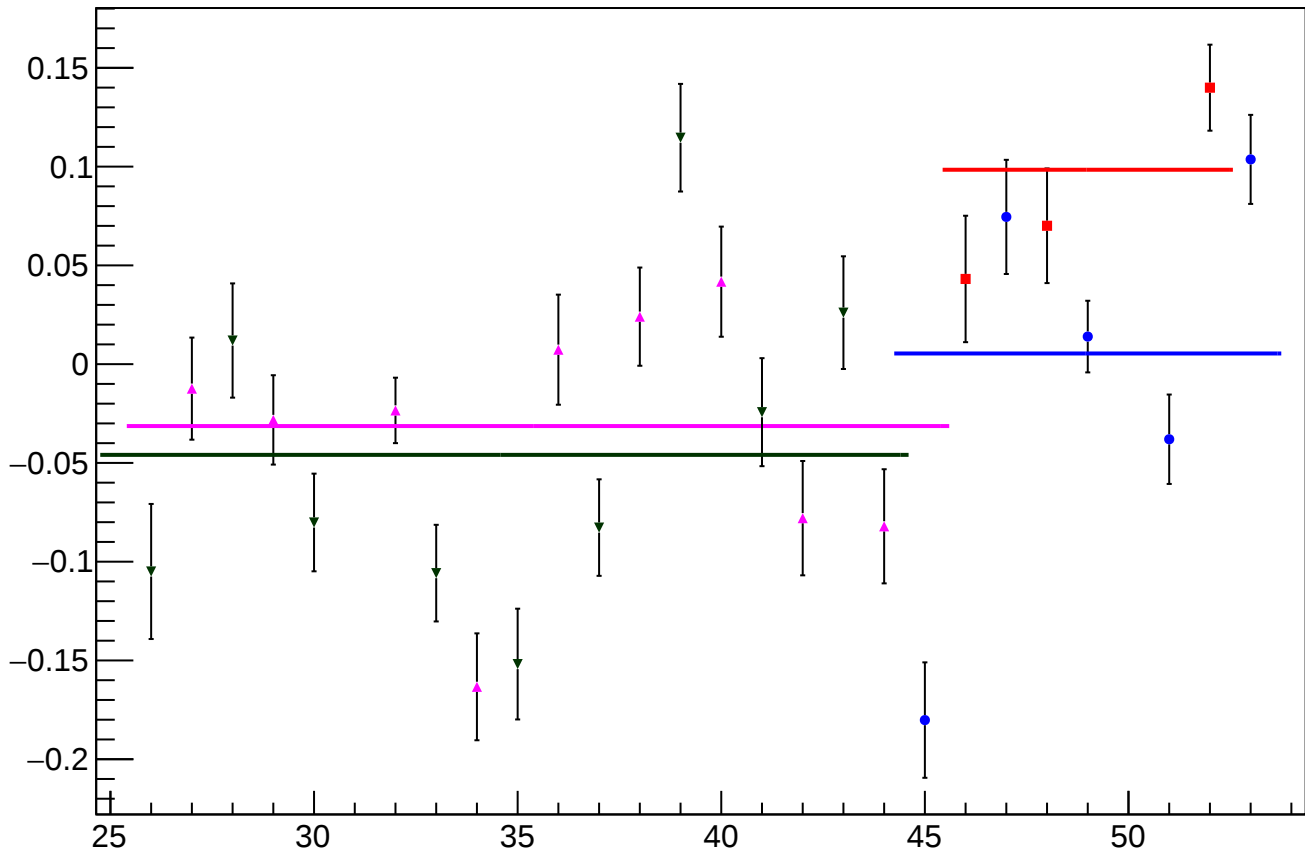
Right Out: -0.001 ± 0.003 χ^2/NDF : 2.4/2

Left In: 0.002 ± 0.002 χ^2/NDF : 24.7/8

-0.000 ± 0.001 χ^2/NDF : 15.1/13

0.001 ± 0.001 χ^2/NDF : 27.9/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.005 $\pm$ 0.010 χ^2 /NDF: 69.0/4

Left Out: -0.046 $\pm$ 0.009 χ^2 /NDF: 73.2/8

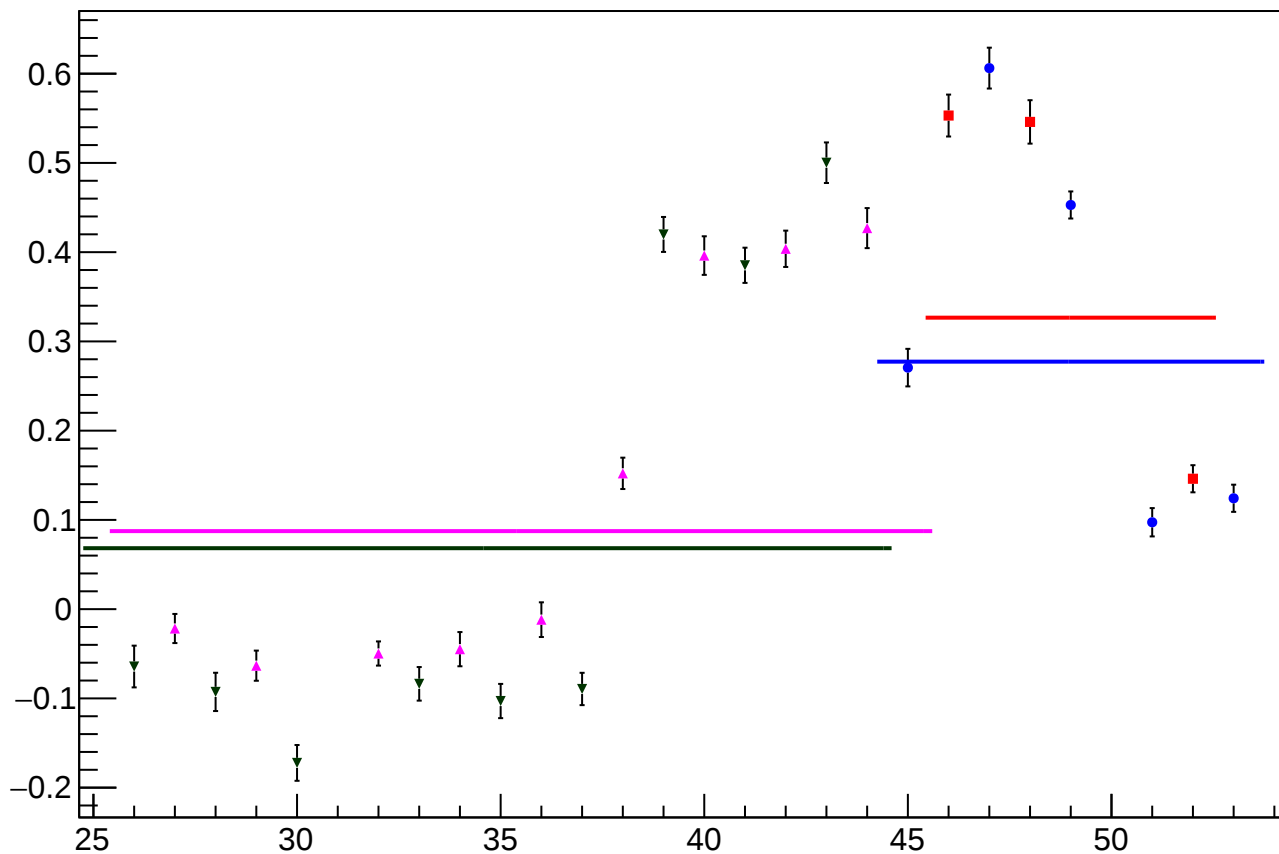
Right Out: 0.098 $\pm$ 0.015 χ^2 /NDF: 7.6/2

Left In: -0.031 $\pm$ 0.008 χ^2 /NDF: 44.0/8

-0.024 $\pm$ 0.007 χ^2 /NDF: 156.1/13

-0.003 $\pm$ 0.007 χ^2 /NDF: 107.6/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.277 $\pm$ 0.008 χ^2 /NDF: 569.9/4

Left Out: 0.068 $\pm$ 0.007 χ^2 /NDF: 1394.7/8

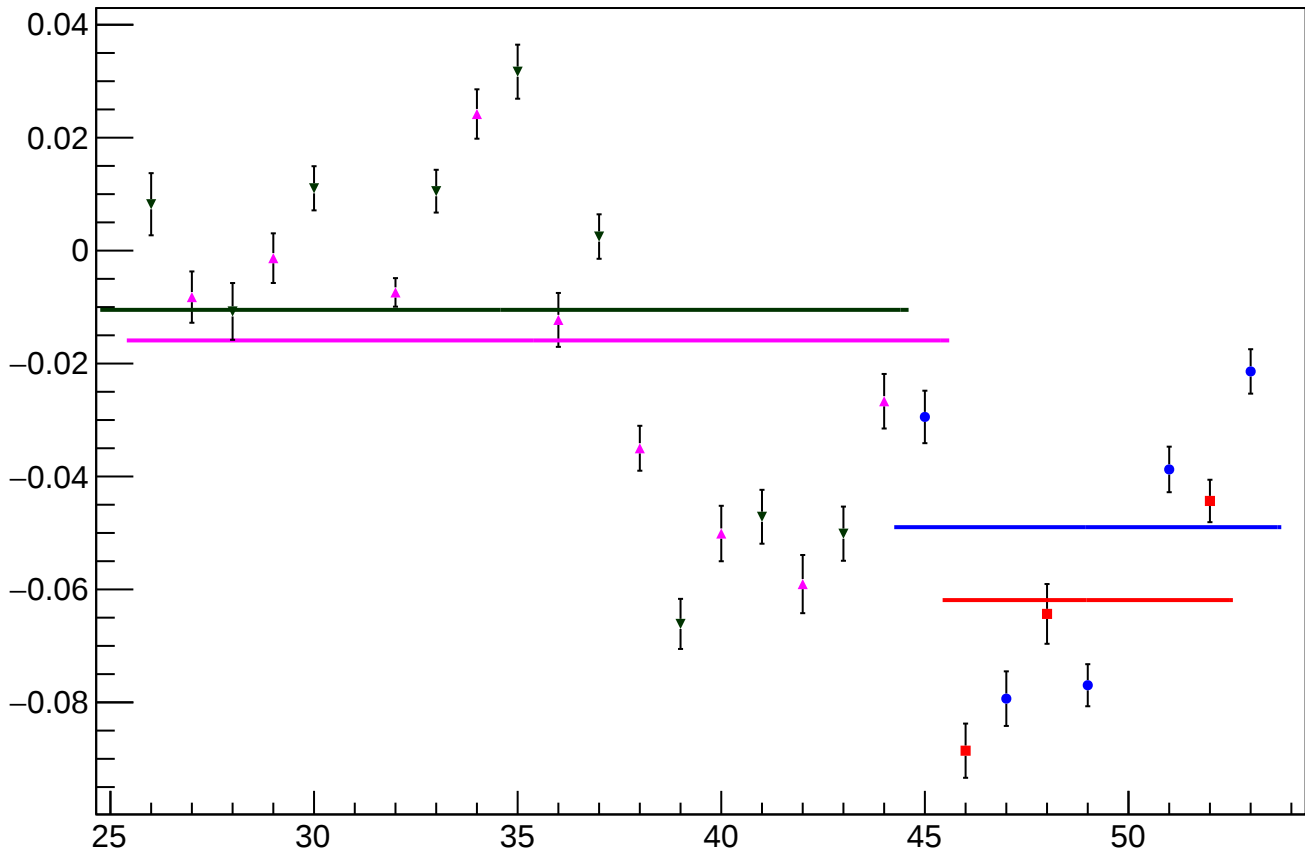
Right Out: 0.327 $\pm$ 0.011 χ^2 /NDF: 315.2/2

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF: 988.6/8

0.158 $\pm$ 0.005 χ^2 /NDF: 2382.3/13

0.140 $\pm$ 0.005 χ^2 /NDF: 1653.4/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.049+/-0.002 χ^2/NDF : 169.1/4

Left Out: -0.010+/-0.001 χ^2/NDF : 445.6/8

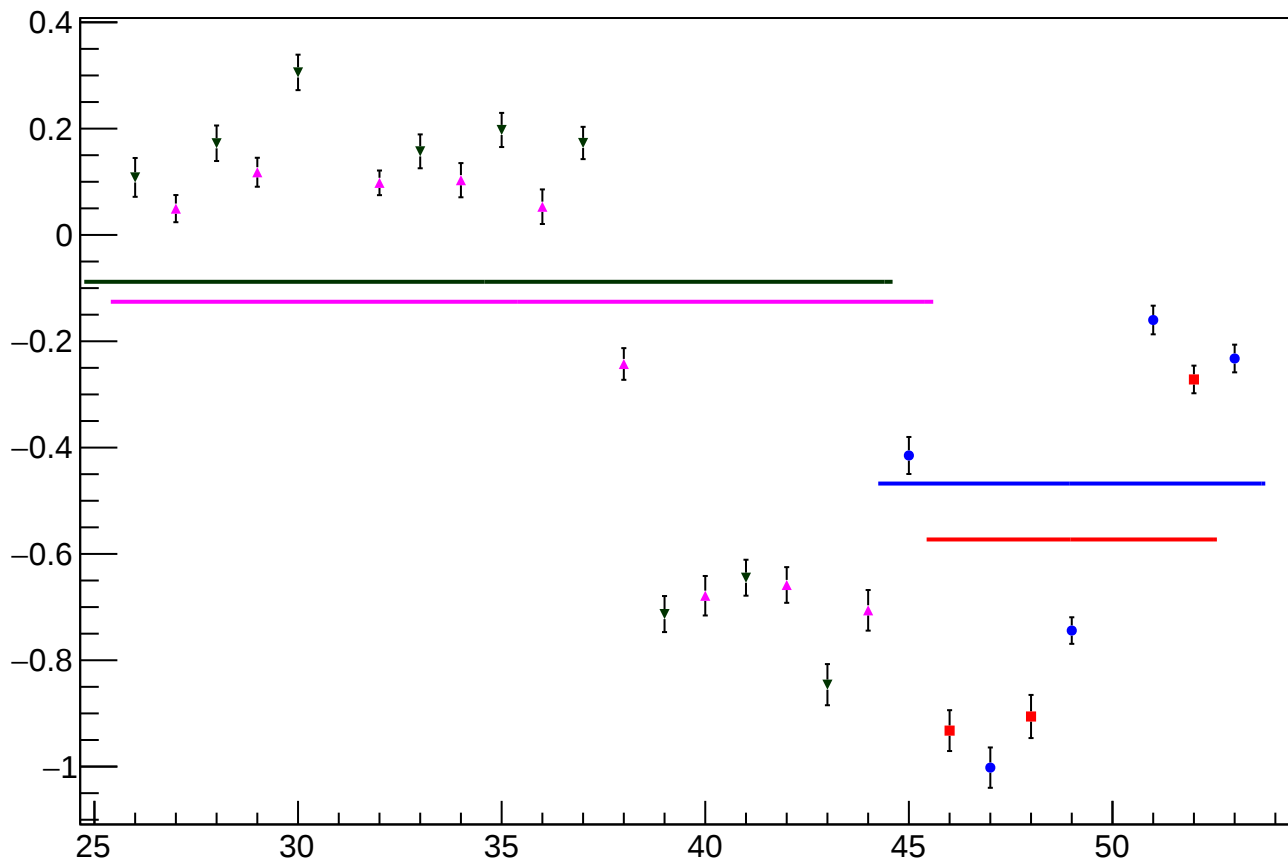
Right Out: -0.062+/-0.003 χ^2/NDF : 52.9/2

Left In: -0.016+/-0.001 χ^2/NDF : 256.5/8

-0.025+/-0.001 χ^2/NDF : 875.3/13

-0.026+/-0.001 χ^2/NDF : 557.4/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.468±/0.013 χ^2/NDF : 534.7/4

Left Out: -0.088±/0.011 χ^2/NDF :1435.6/8

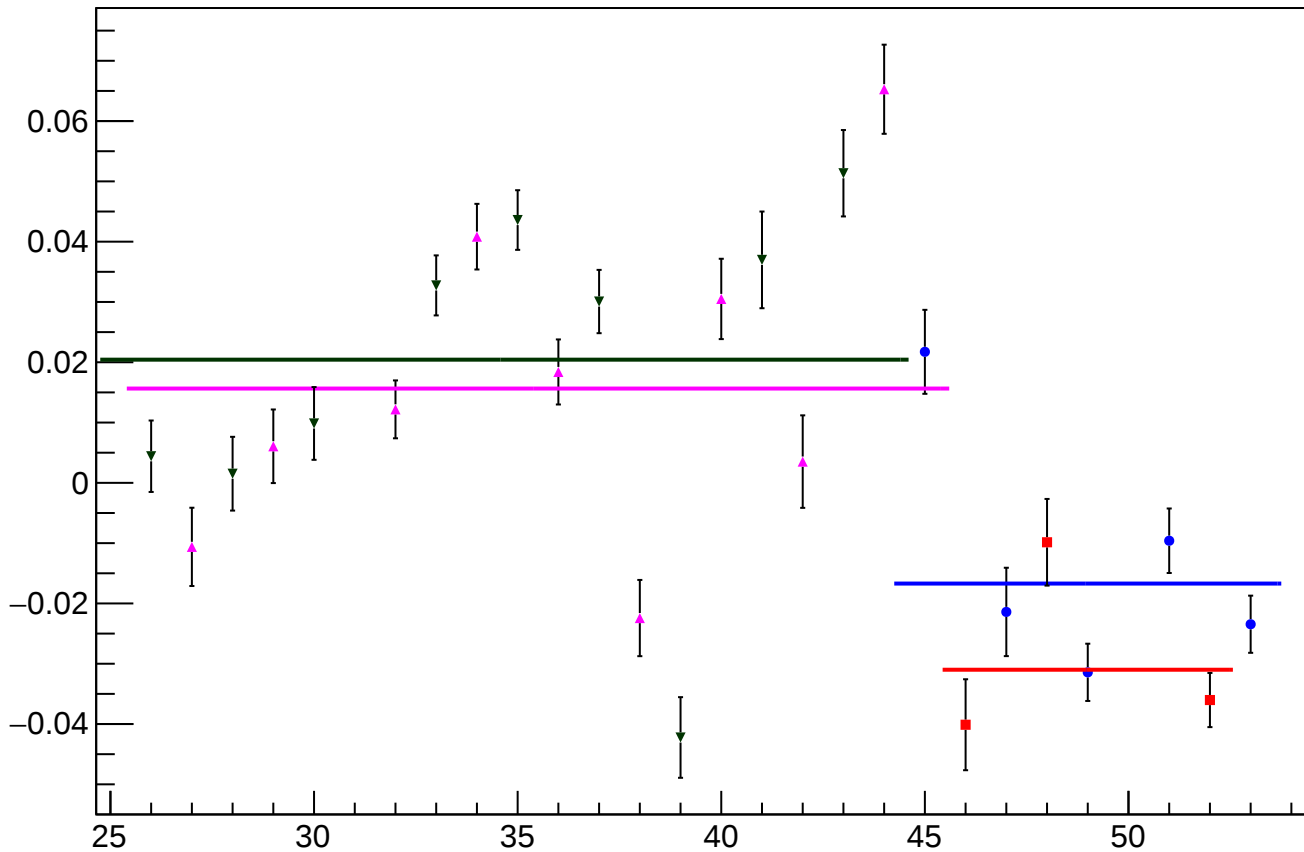
Right Out: -0.573±/0.019 χ^2/NDF : 289.1/2

Left In: -0.126±/0.010 χ^2/NDF :1020.5/8

-0.250±/0.008 χ^2/NDF : 2462.5/13

-0.222±/0.009 χ^2/NDF : 1743.5/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.017 $\pm$ 0.002 χ^2 /NDF: 44.3/4

Left Out: 0.020 $\pm$ 0.002 χ^2 /NDF:162.1/8

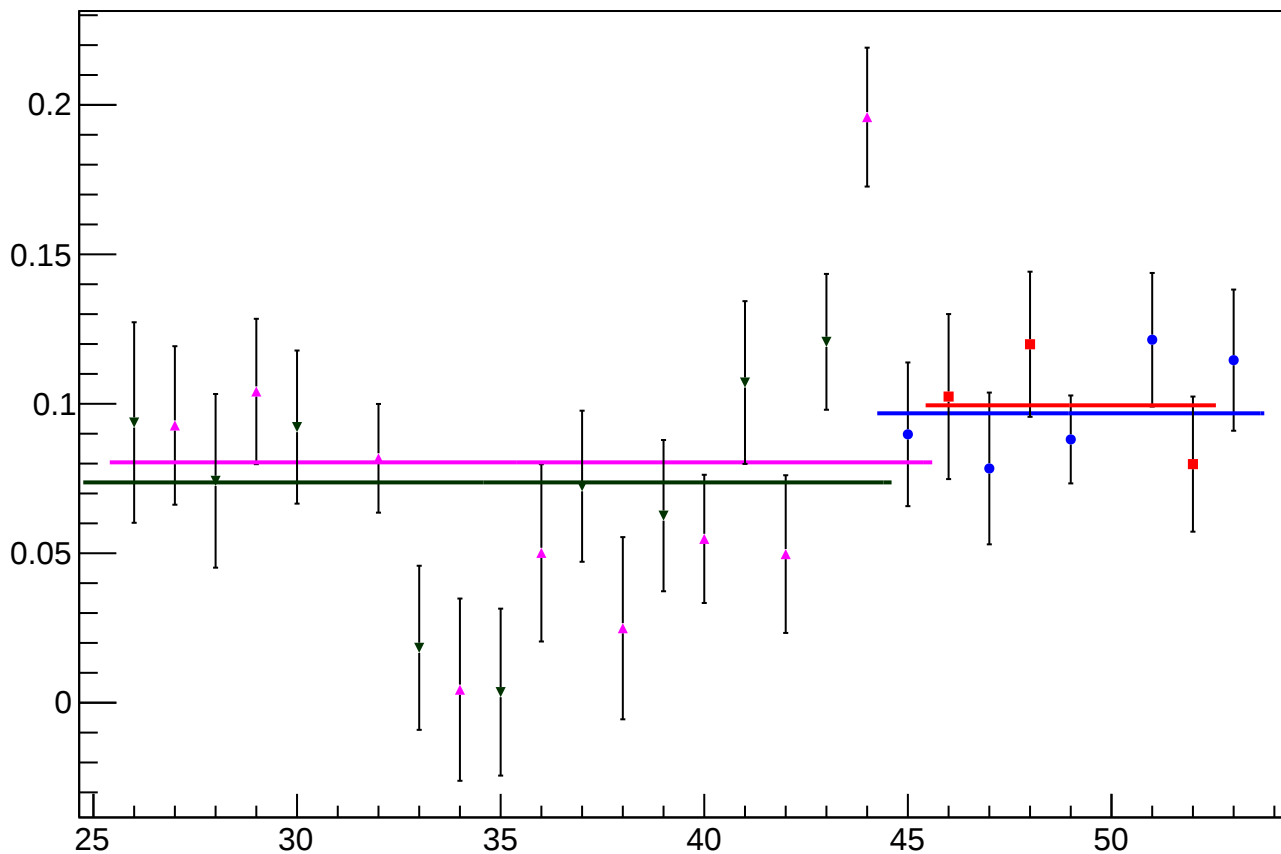
Right Out: -0.031 $\pm$ 0.003 χ^2 /NDF: 11.4/2

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF:129.9/8

0.006 $\pm$ 0.002 χ^2 /NDF: 344.0/13

0.003 $\pm$ 0.002 χ^2 /NDF: 280.2/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.097±/0.009 χ^2/NDF : 2.7/4

Left Out: 0.074±/0.009 χ^2/NDF : 17.2/8

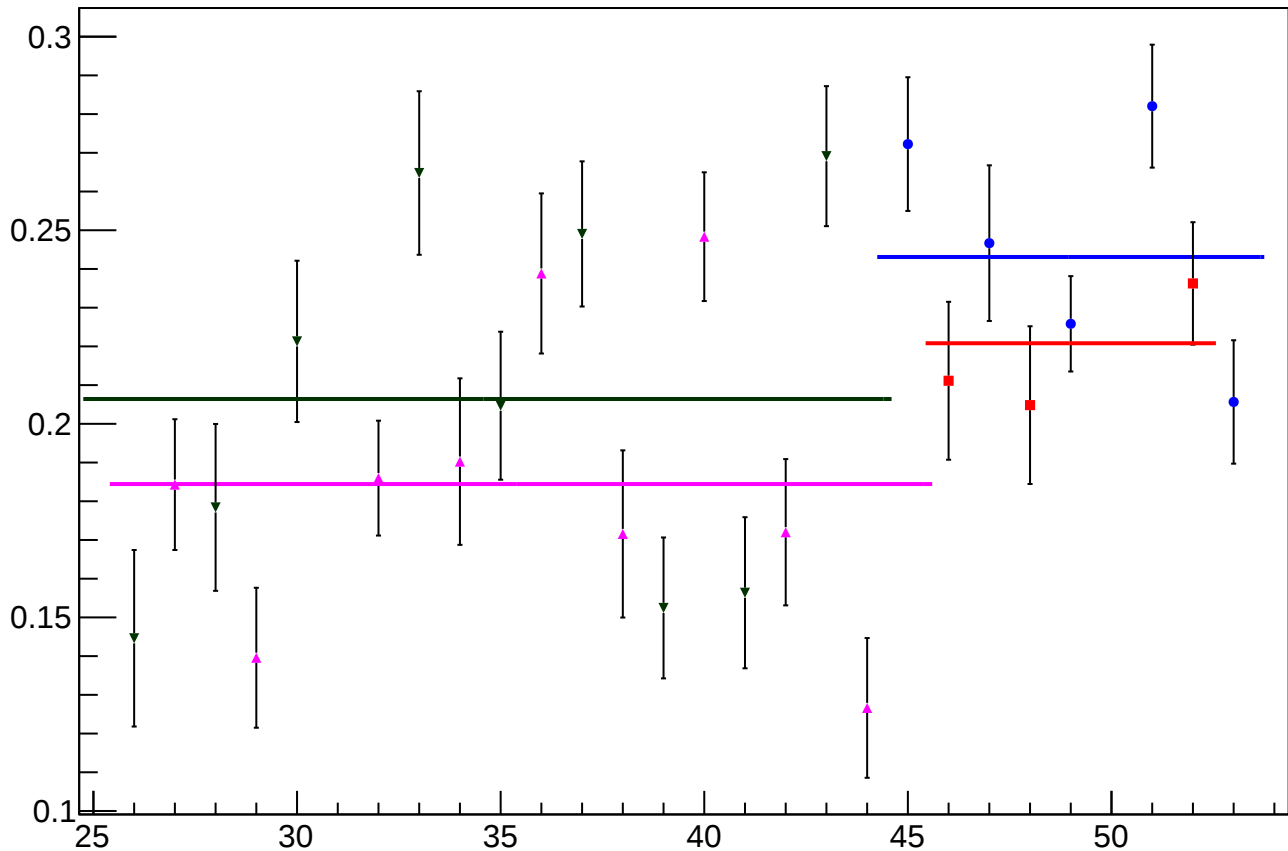
Right Out: 0.099±/0.014 χ^2/NDF : 1.5/2

Left In: 0.080±/0.008 χ^2/NDF : 39.2/8

0.085±/0.006 χ^2/NDF : 23.2/13

0.085±/0.007 χ^2/NDF : 42.1/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.243+/-0.007 χ^2/NDF : 16.4/4

Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

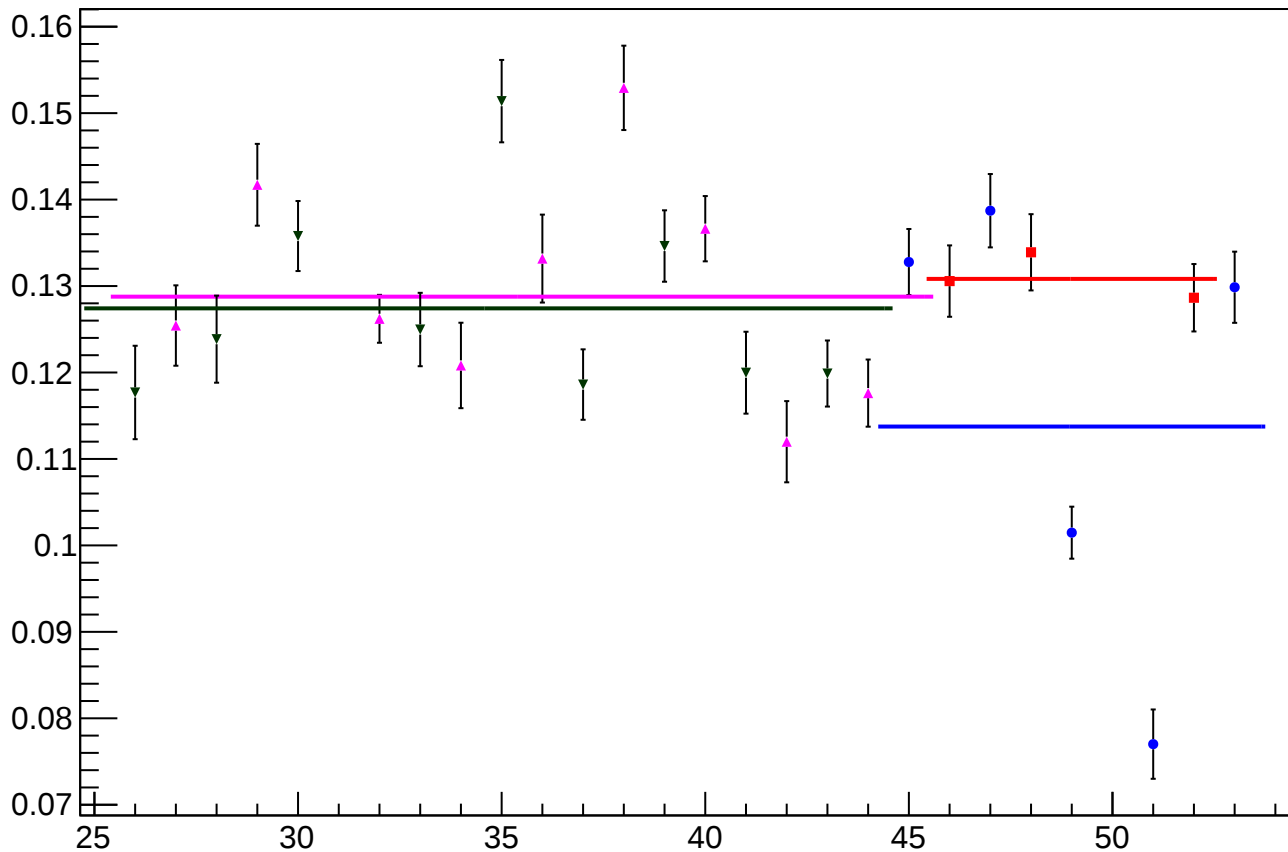
Right Out: 0.221+/-0.011 χ^2/NDF : 1.8/2

Left In: 0.184+/-0.006 χ^2/NDF : 39.0/8

0.224+/-0.005 χ^2/NDF : 80.6/13

0.193+/-0.005 χ^2/NDF : 49.6/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.114 ± 0.002 χ^2/NDF : 175.4/4

Left Out: 0.127 ± 0.001 χ^2/NDF : 47.7/8

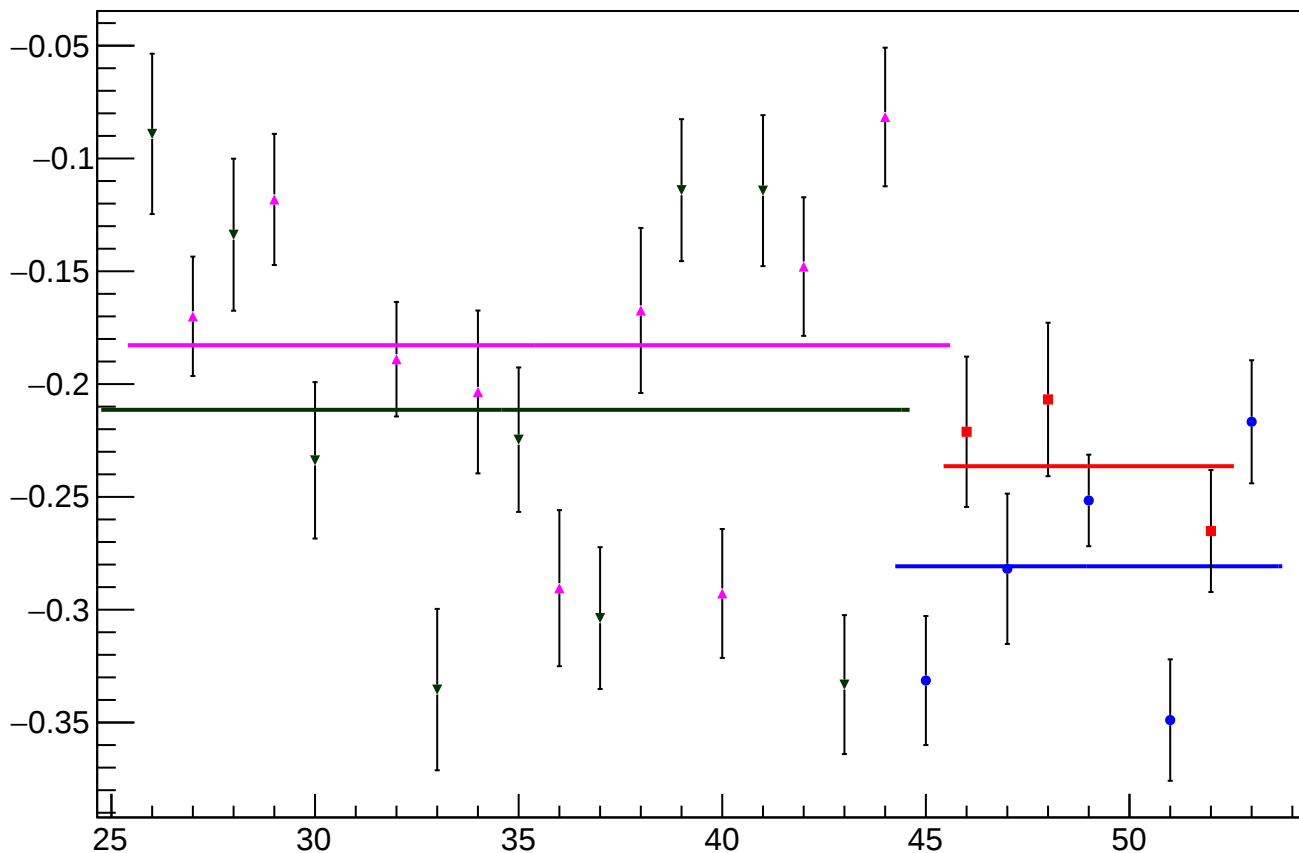
Right Out: 0.131 ± 0.002 χ^2/NDF : 0.8/2

Left In: 0.129 ± 0.001 χ^2/NDF : 62.0/8

0.122 ± 0.001 χ^2/NDF : 260.8/13

0.129 ± 0.001 χ^2/NDF : 63.4/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.281 $\pm$ 0.012 χ^2/NDF : 17.1/4

Left Out: -0.211 $\pm$ 0.011 χ^2/NDF : 72.0/8

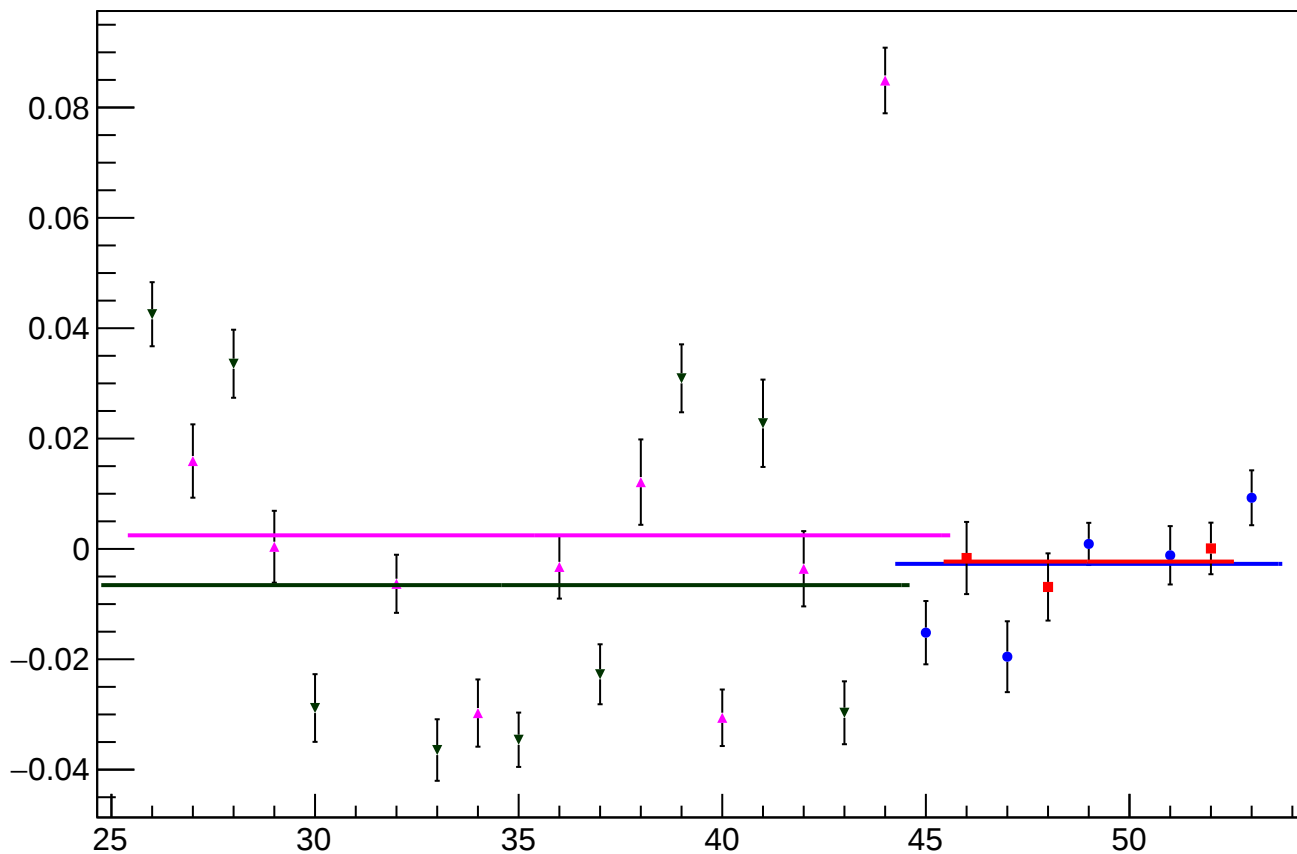
Right Out: -0.236 $\pm$ 0.018 χ^2/NDF : 2.1/2

Left In: -0.183 $\pm$ 0.010 χ^2/NDF : 42.4/8

-0.244 $\pm$ 0.008 χ^2/NDF : 107.7/13

-0.196 $\pm$ 0.009 χ^2/NDF : 51.3/11

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.003+/-0.002 χ^2 /NDF: 18.4/4

Left Out: -0.007+/-0.002 χ^2 /NDF:264.2/8

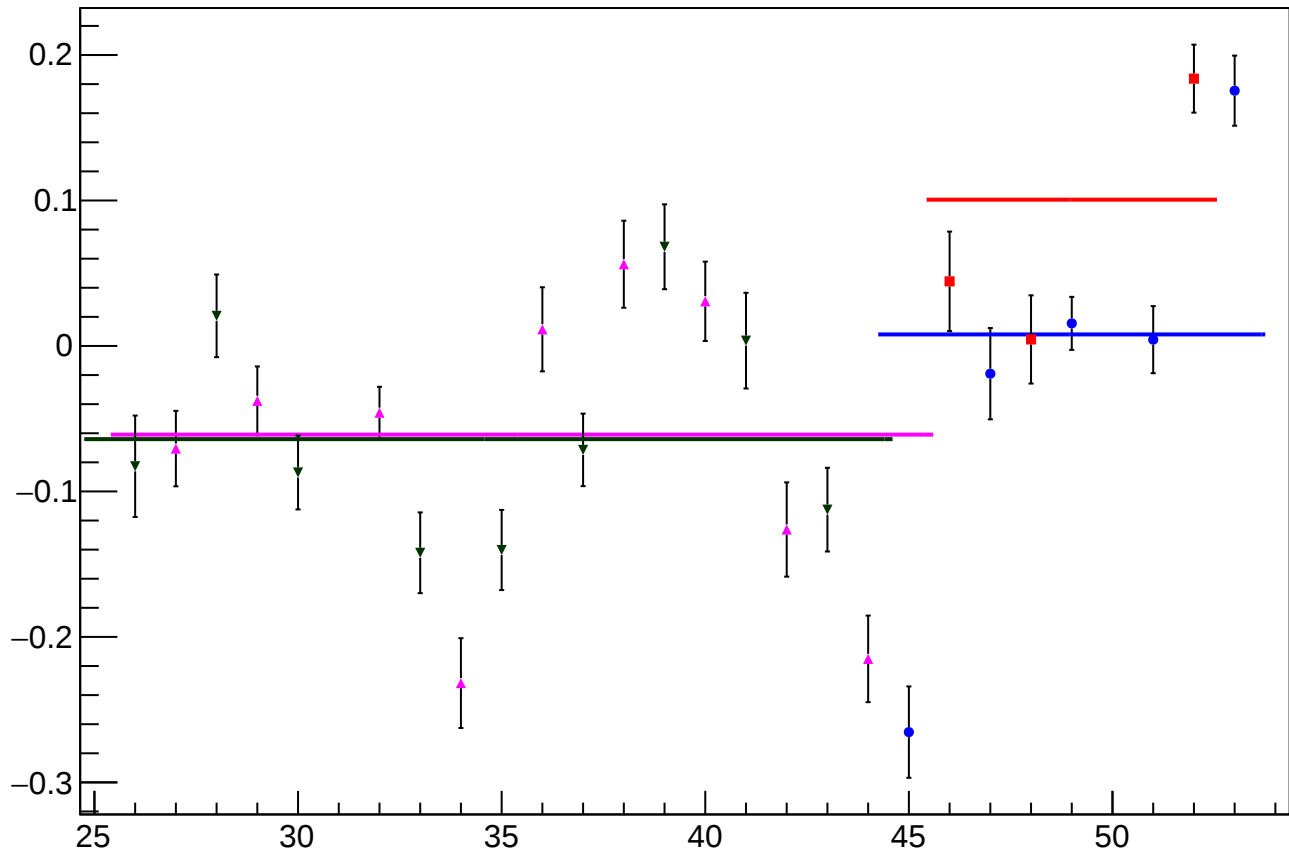
Right Out: -0.002+/-0.003 χ^2 /NDF: 0.8/2

Left In: 0.002+/-0.002 χ^2 /NDF:272.1/8

-0.005+/-0.001 χ^2 /NDF: 284.3/13

0.001+/-0.002 χ^2 /NDF: 274.5/11

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.008 ± 0.011 χ^2/NDF : 125.0/4

Left Out: -0.064 ± 0.009 χ^2/NDF : 53.3/8

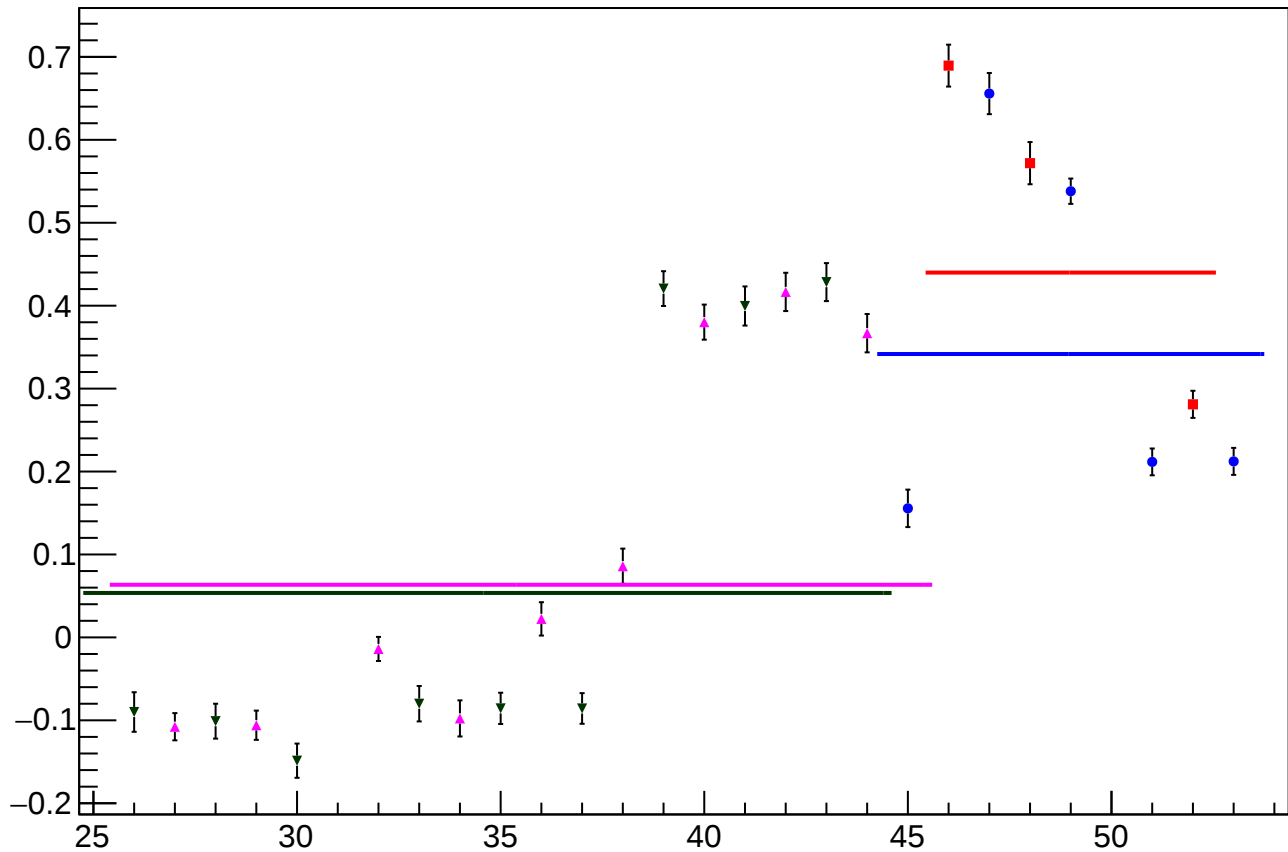
Right Out: 0.101 ± 0.016 χ^2/NDF : 25.4/2

Left In: -0.061 ± 0.009 χ^2/NDF : 96.3/8

-0.033 ± 0.007 χ^2/NDF : 203.5/13

-0.025 ± 0.008 χ^2/NDF : 198.3/11

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.342 $\pm$ 0.008 χ^2 /NDF: 521.3/4

Left Out: 0.054 $\pm$ 0.007 χ^2 /NDF:1125.4/8

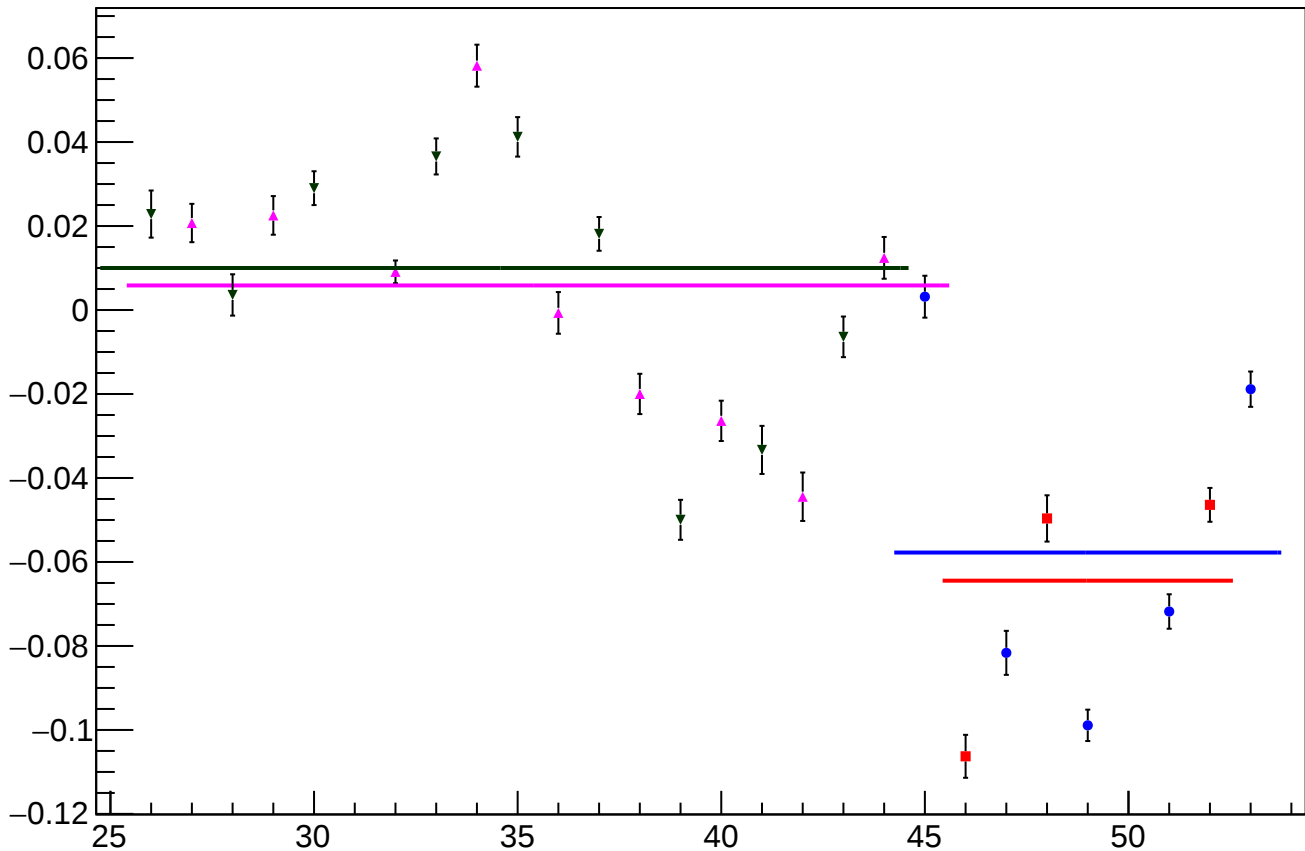
Right Out: 0.440 $\pm$ 0.012 χ^2 /NDF: 219.0/2

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:920.0/8

0.178 $\pm$ 0.005 χ^2 /NDF: 2375.2/13

0.146 $\pm$ 0.006 χ^2 /NDF: 1898.0/11

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.058+/-0.002 χ^2/NDF : 388.4/4

Left Out: 0.010+/-0.002 χ^2/NDF : 343.2/8

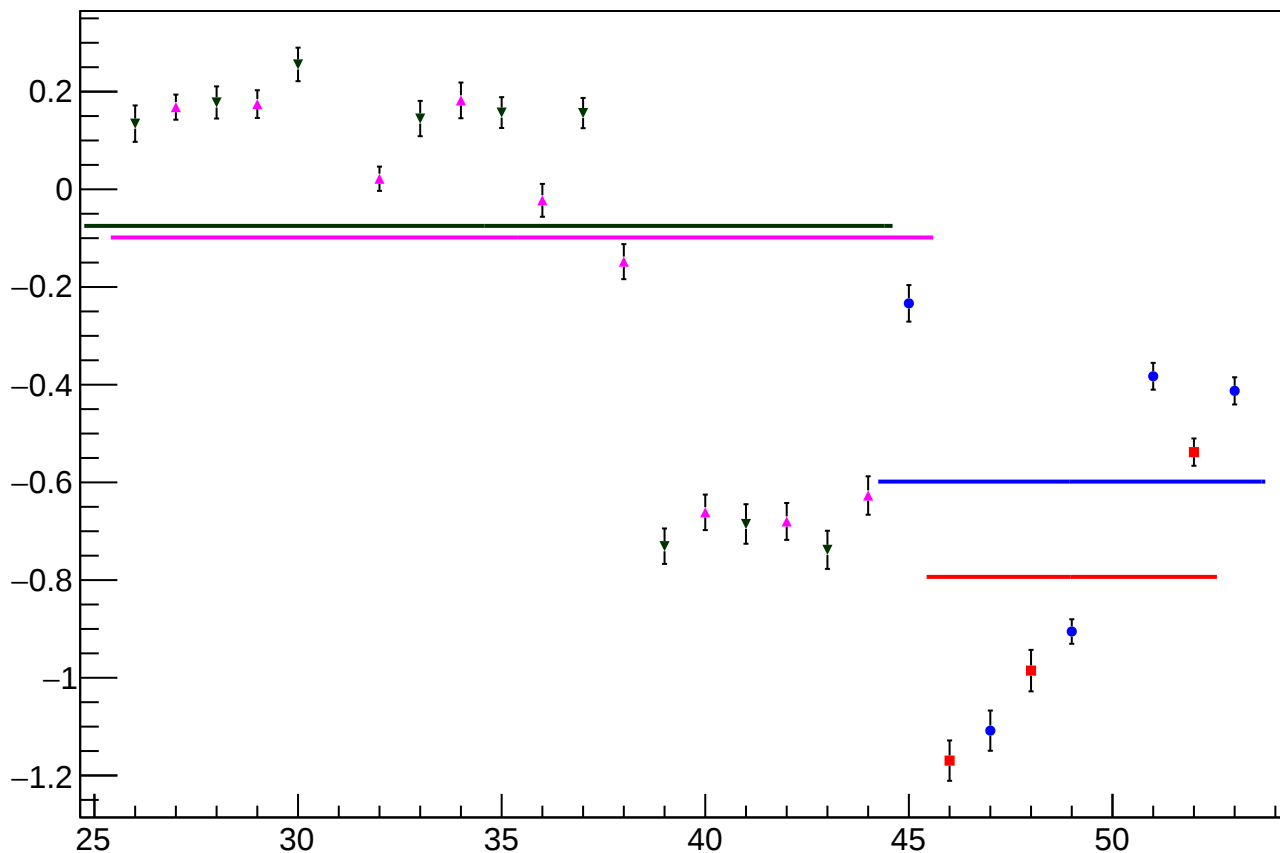
Right Out: -0.064+/-0.003 χ^2/NDF : 94.2/2

Left In: 0.006+/-0.001 χ^2/NDF : 288.3/8

-0.016+/-0.001 χ^2/NDF : 1471.6/13

-0.010+/-0.001 χ^2/NDF : 893.7/11

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.598+/-0.013 χ^2/NDF : 503.9/4

Left Out: -0.075+/-0.012 χ^2/NDF : 1172.9/8

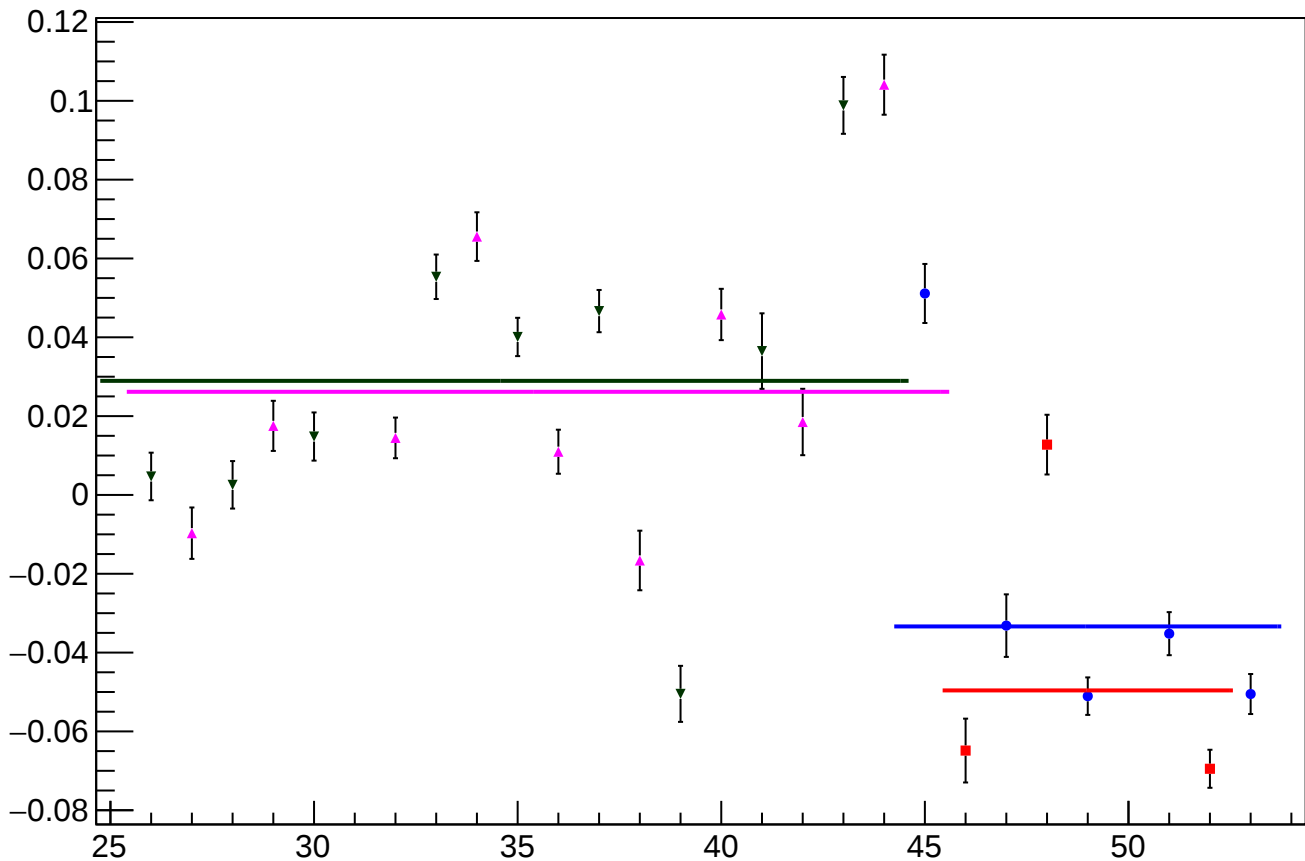
Right Out: -0.793+/-0.020 χ^2/NDF : 187.0/2

Left In: -0.099+/-0.011 χ^2/NDF : 947.3/8

-0.299+/-0.009 χ^2/NDF : 2538.3/13

-0.247+/-0.009 χ^2/NDF : 2053.6/11

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.033 ± 0.003 χ^2/NDF : 152.5/4

Left Out: 0.029 ± 0.002 χ^2/NDF : 298.0/8

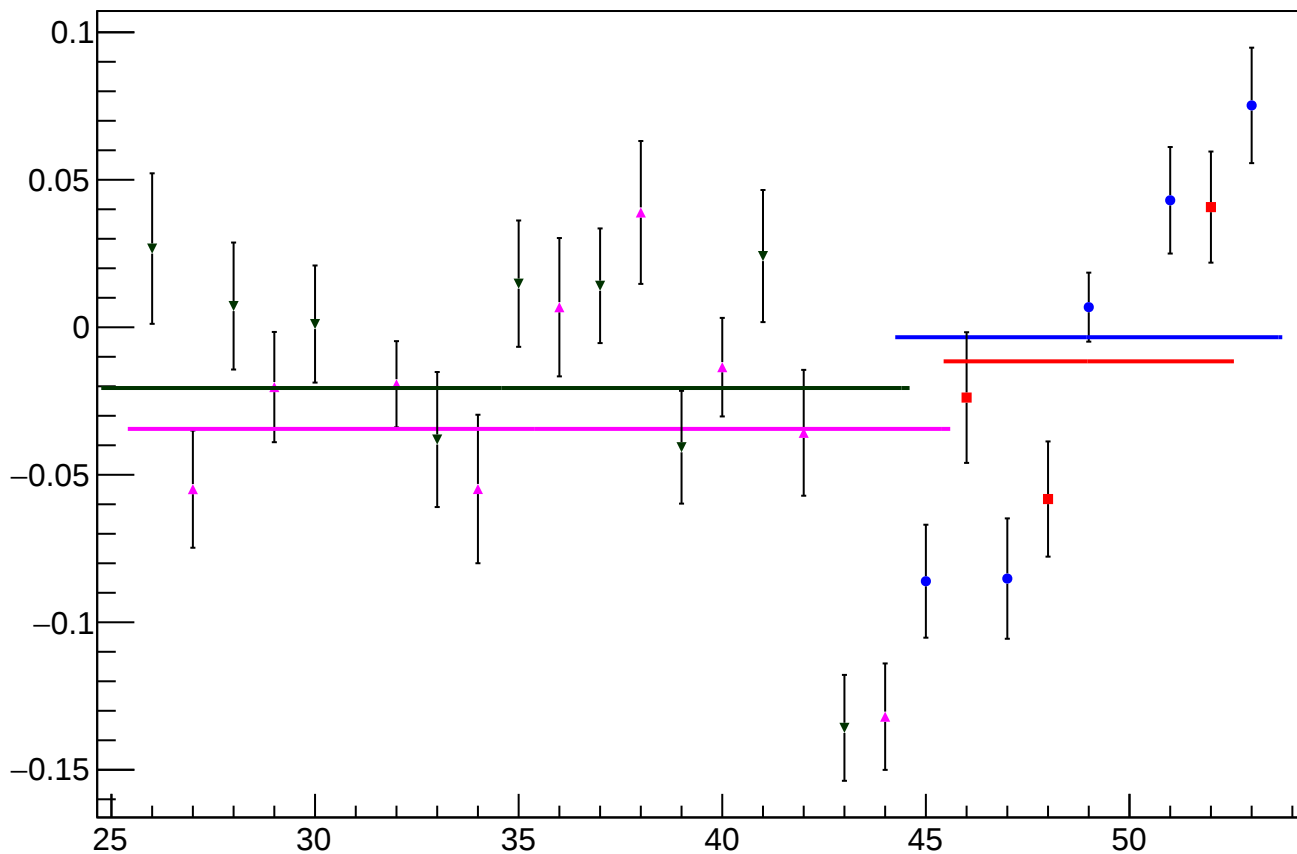
Right Out: -0.050 ± 0.004 χ^2/NDF : 88.3/2

Left In: 0.026 ± 0.002 χ^2/NDF : 232.0/8

0.005 ± 0.002 χ^2/NDF : 809.3/13

0.007 ± 0.002 χ^2/NDF : 641.9/11

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.003 $\pm$ 0.007 χ^2 /NDF: 58.2/4

Left Out: -0.021 $\pm$ 0.007 χ^2 /NDF: 59.1/8

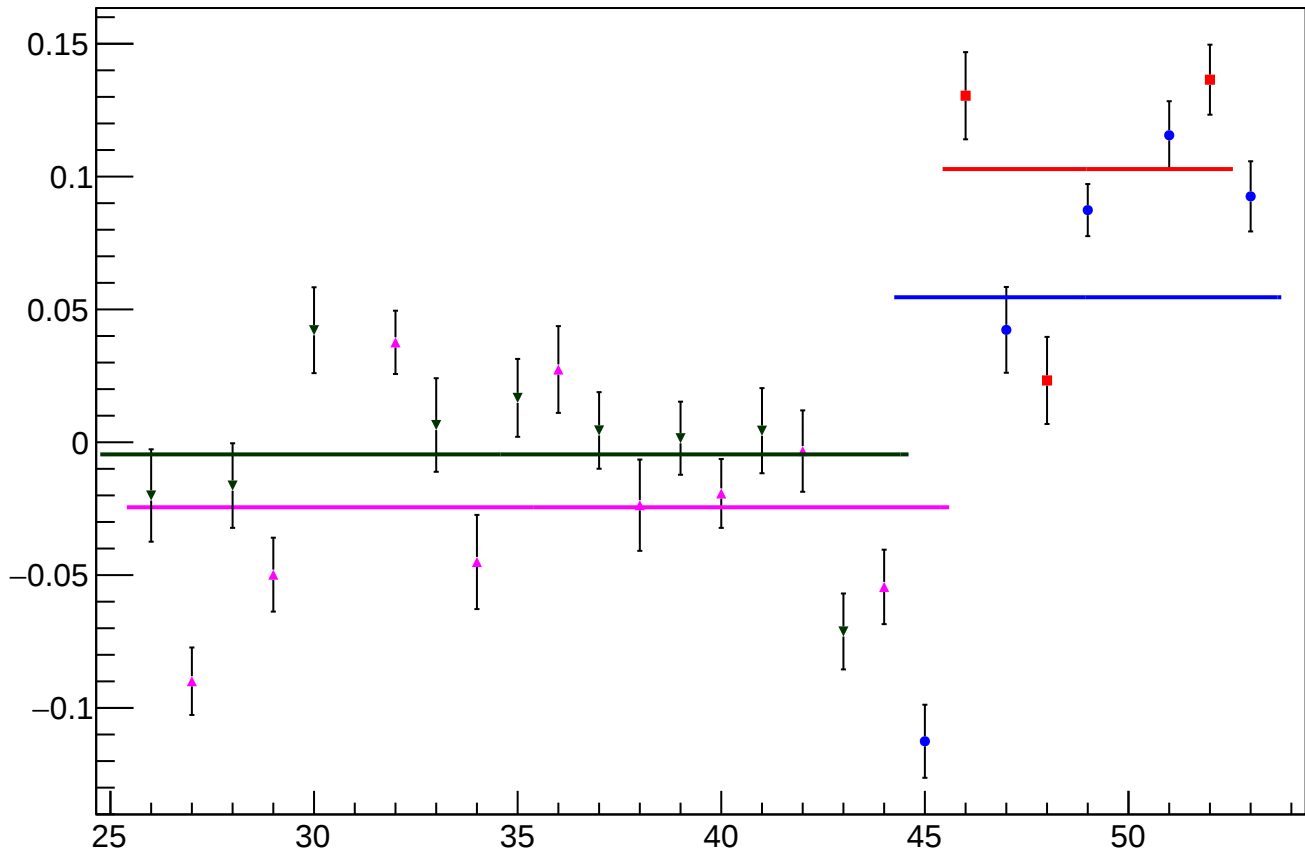
Right Out: -0.012 $\pm$ 0.012 χ^2 /NDF: 13.7/2

Left In: -0.034 $\pm$ 0.006 χ^2 /NDF: 46.4/8

-0.013 $\pm$ 0.005 χ^2 /NDF: 120.2/13

-0.029 $\pm$ 0.006 χ^2 /NDF: 63.2/11

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.055+/-0.006 χ^2/NDF : 190.4/4

Left Out: -0.005+/-0.005 χ^2/NDF : 34.9/8

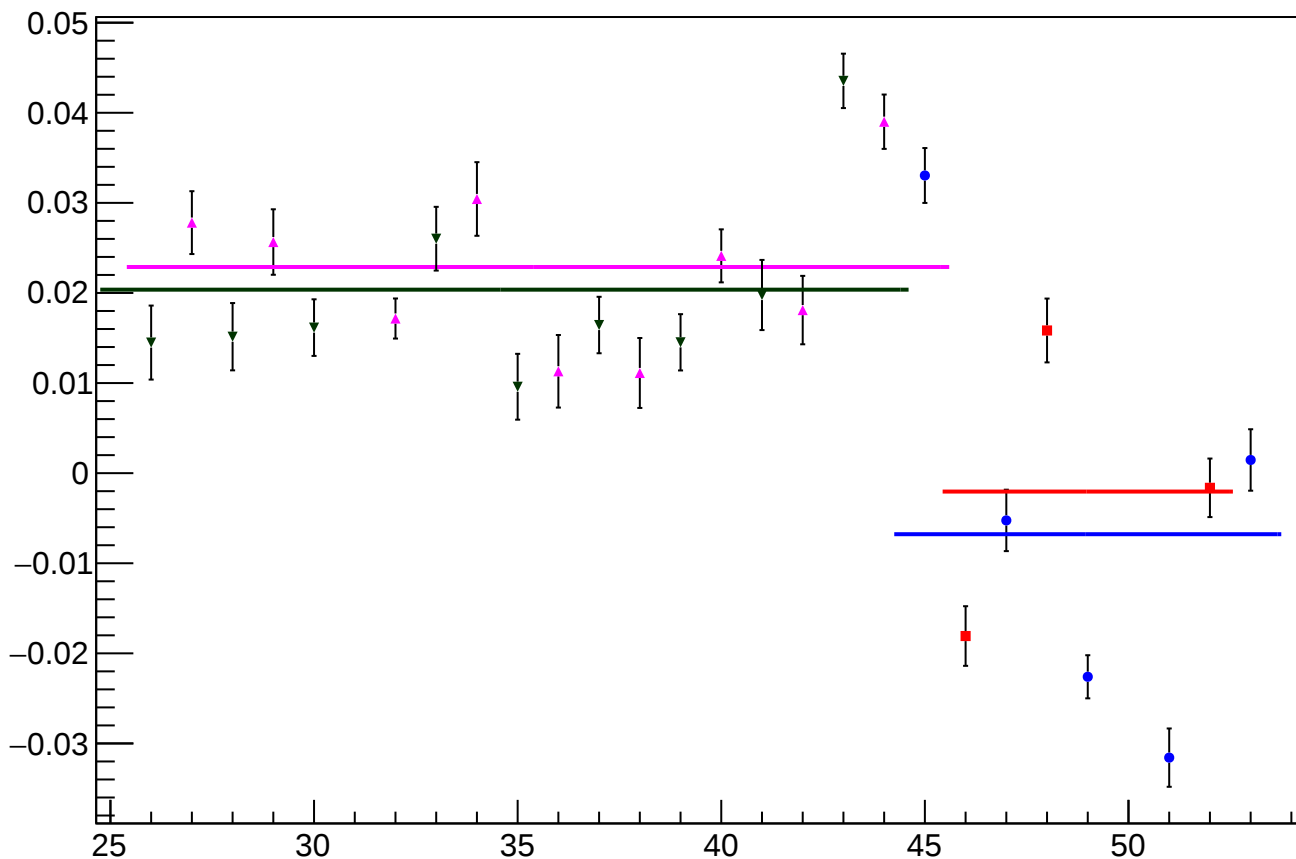
Right Out: 0.103+/-0.009 χ^2/NDF : 32.9/2

Left In: -0.024+/-0.005 χ^2/NDF : 75.1/8

0.022+/-0.004 χ^2/NDF : 285.2/13

0.005+/-0.004 χ^2/NDF : 272.5/11

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.007 ± 0.001 χ^2/NDF : 279.3/4

Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

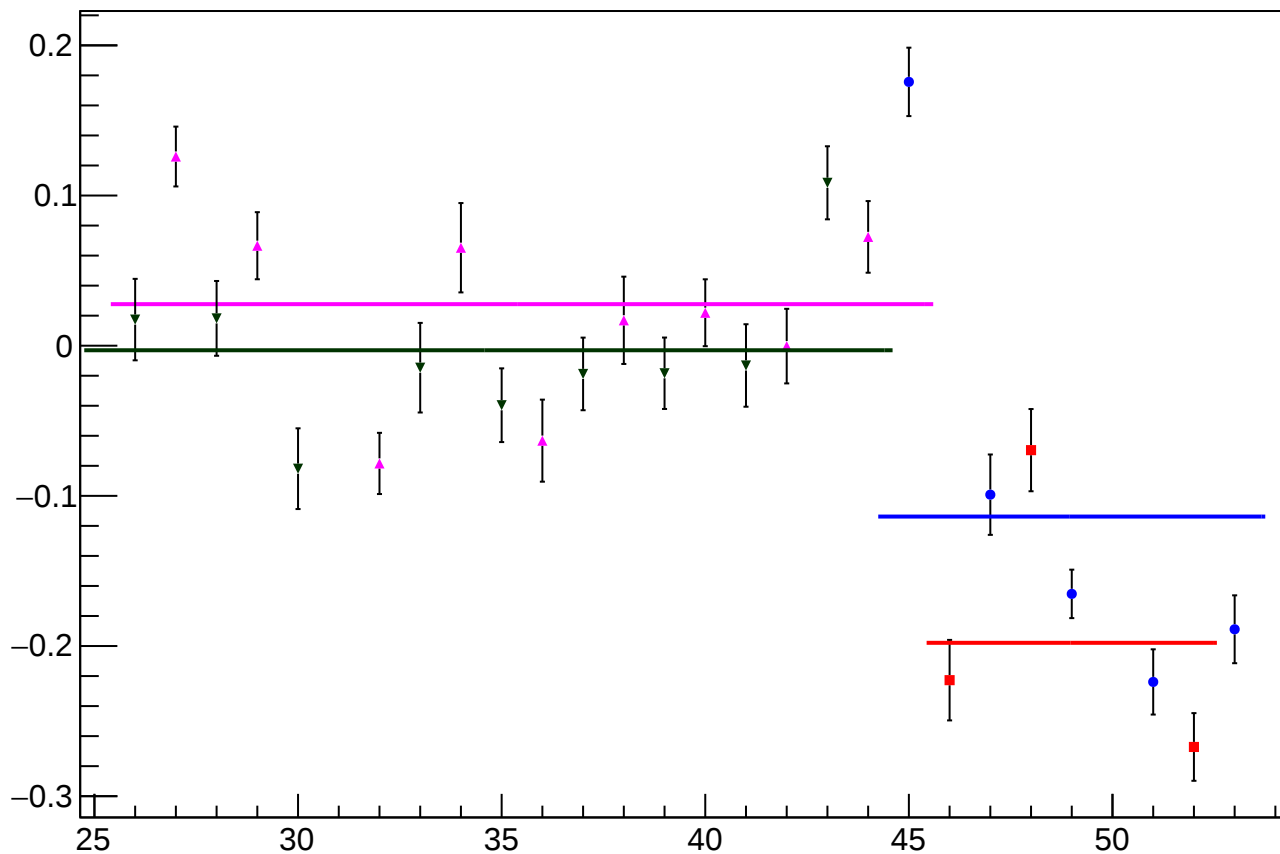
Right Out: -0.002 ± 0.002 χ^2/NDF : 49.0/2

Left In: 0.023 ± 0.001 χ^2/NDF : 60.4/8

0.009 ± 0.001 χ^2/NDF : 596.3/13

0.017 ± 0.001 χ^2/NDF : 234.9/11

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.114 $\pm$ 0.009 χ^2 /NDF: 208.7/4

Left Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 34.3/8

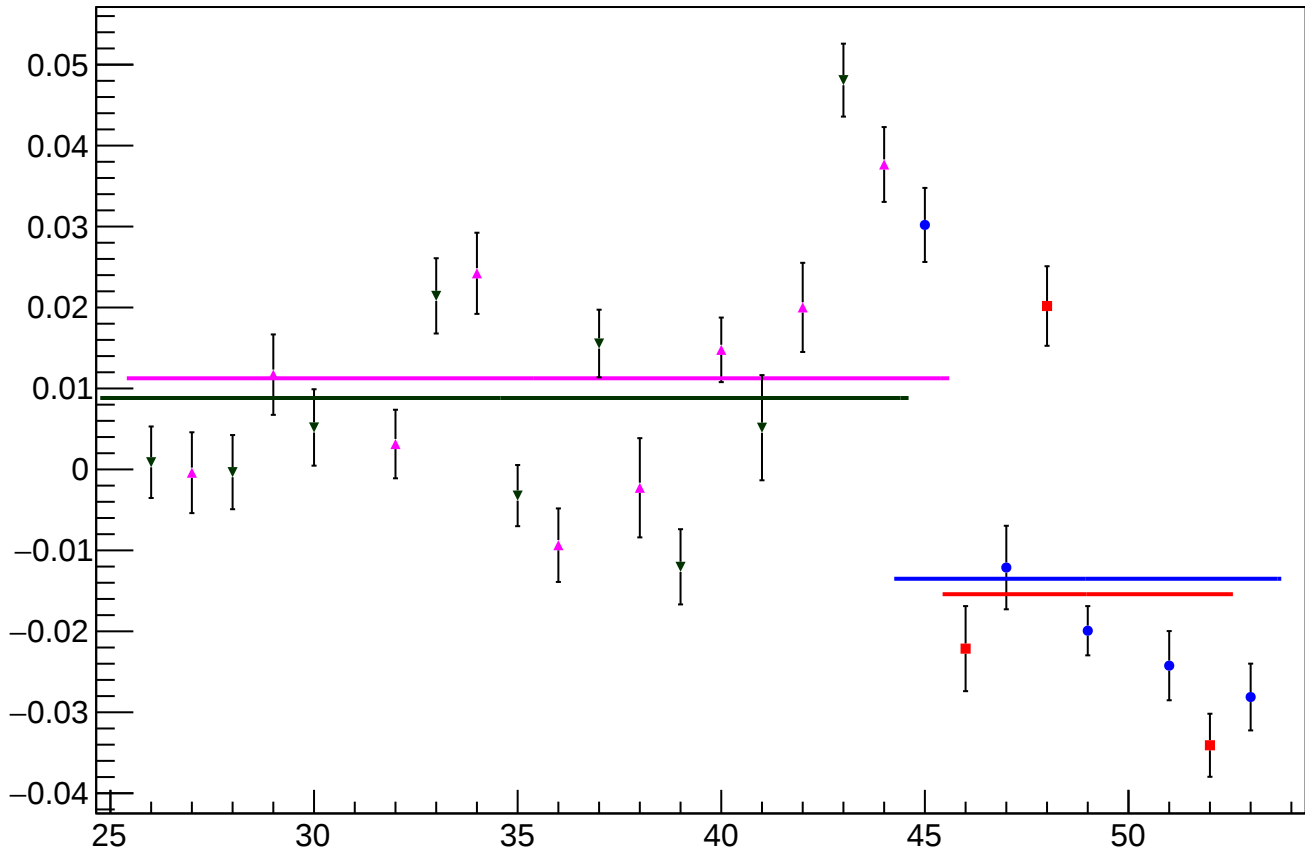
Right Out: -0.198 $\pm$ 0.015 χ^2 /NDF: 32.3/2

Left In: 0.028 $\pm$ 0.008 χ^2 /NDF: 72.1/8

-0.053 $\pm$ 0.006 χ^2 /NDF: 318.5/13

-0.024 $\pm$ 0.007 χ^2 /NDF: 289.0/11

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.014 ± 0.002 χ^2/NDF : 114.7/4

Left Out: 0.009 ± 0.002 χ^2/NDF : 124.4/8

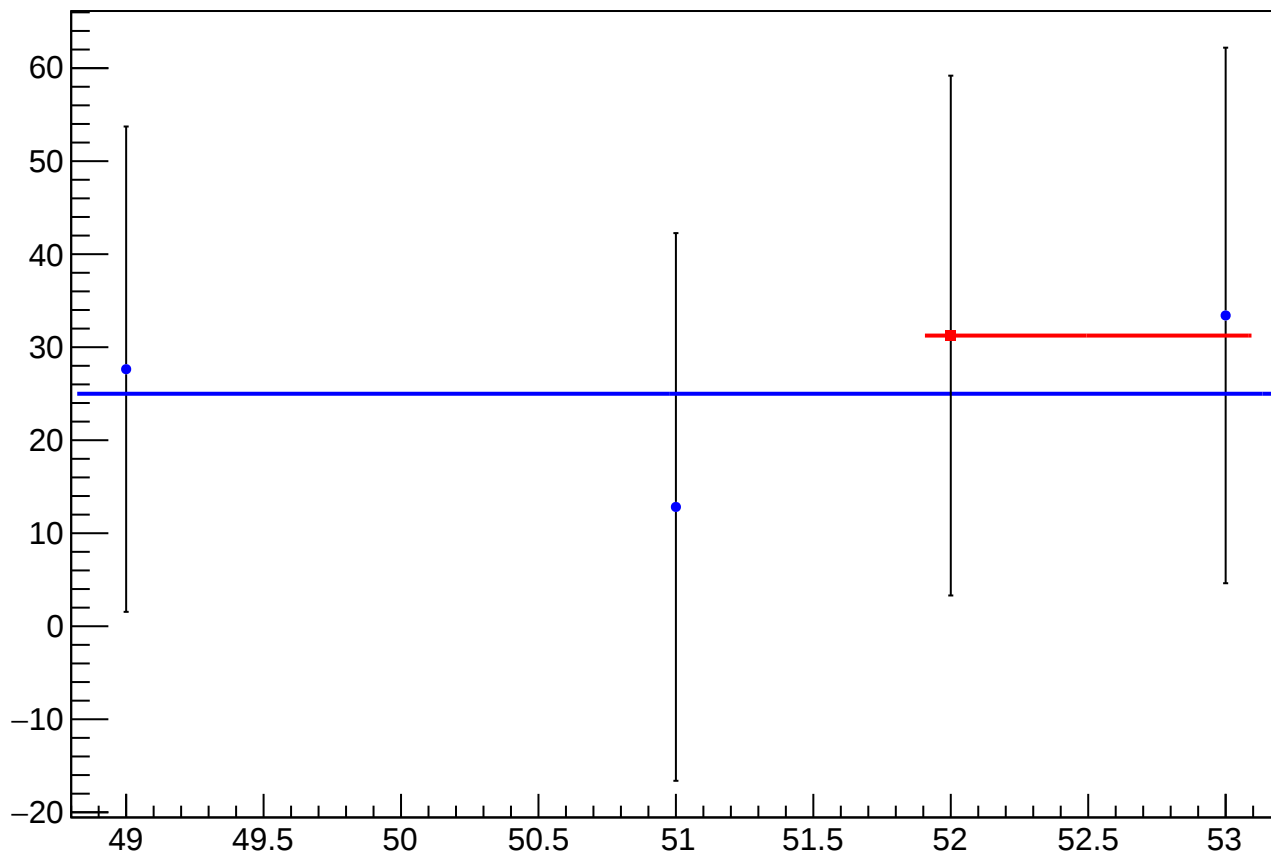
Right Out: -0.015 ± 0.003 χ^2/NDF : 77.0/2

Left In: 0.011 ± 0.002 χ^2/NDF : 77.3/8

-0.000 ± 0.001 χ^2/NDF : 328.9/13

0.004 ± 0.001 χ^2/NDF : 229.2/11

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 24.995+/-16.159 χ^2/NDF : 0.3/2

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

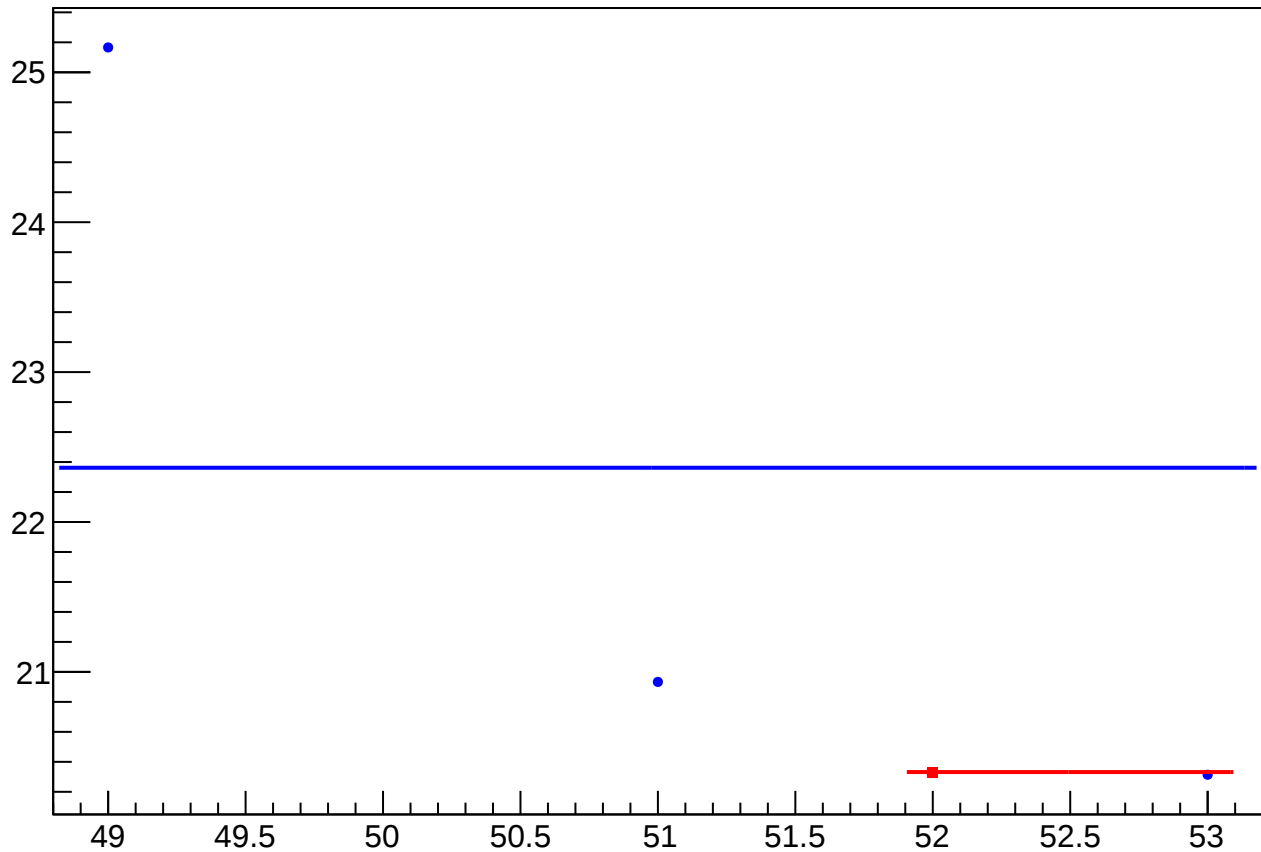
Right Out: 31.250+/-27.942 χ^2/NDF : 0.0/0

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

24.995+/-16.159 χ^2/NDF : 0.3/2

31.250+/-27.942 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 22.362 $\pm$ 0.011 χ^2 /NDF: 37935.7/2

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

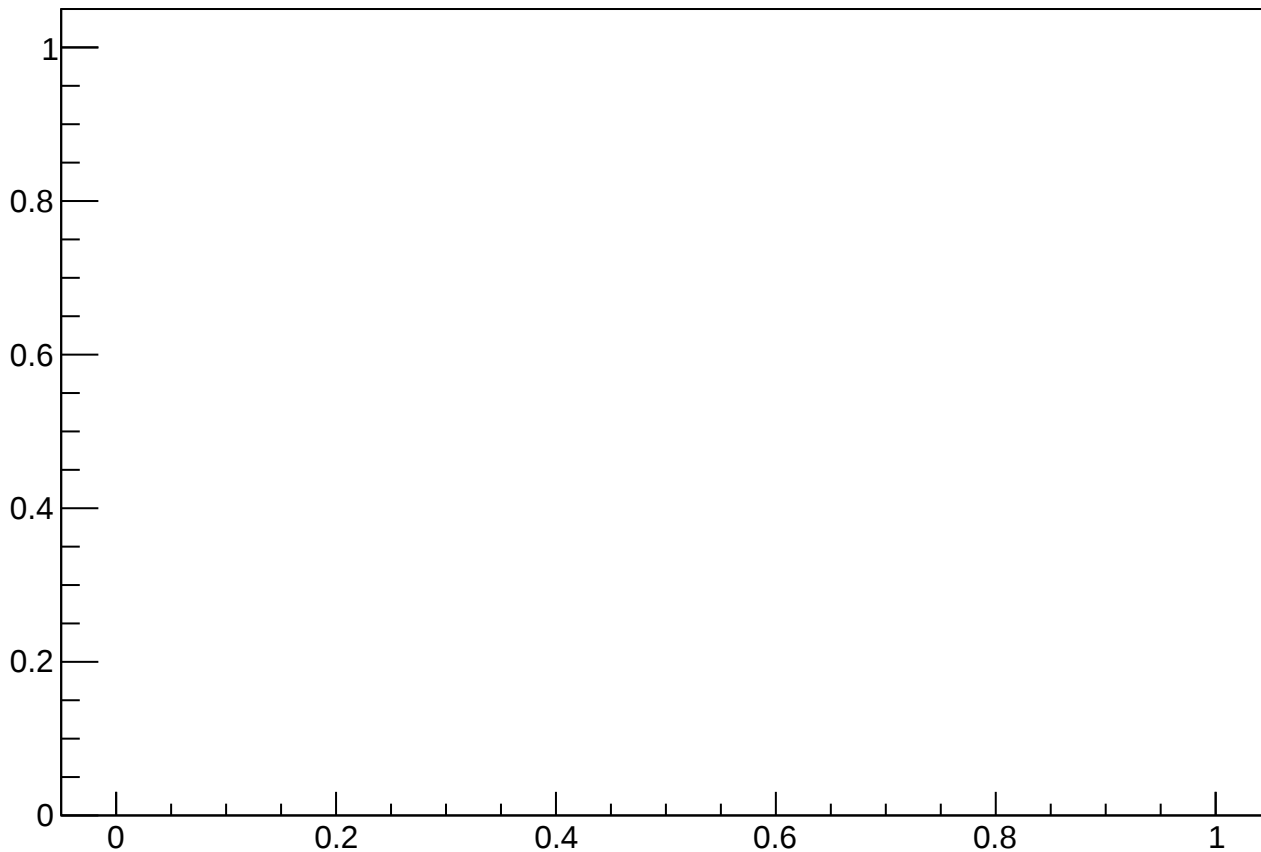
Right Out: 20.332 $\pm$ 0.020 χ^2 /NDF: 0.0/0

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

22.362 $\pm$ 0.011 χ^2 /NDF: 37935.7/2

20.332 $\pm$ 0.020 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

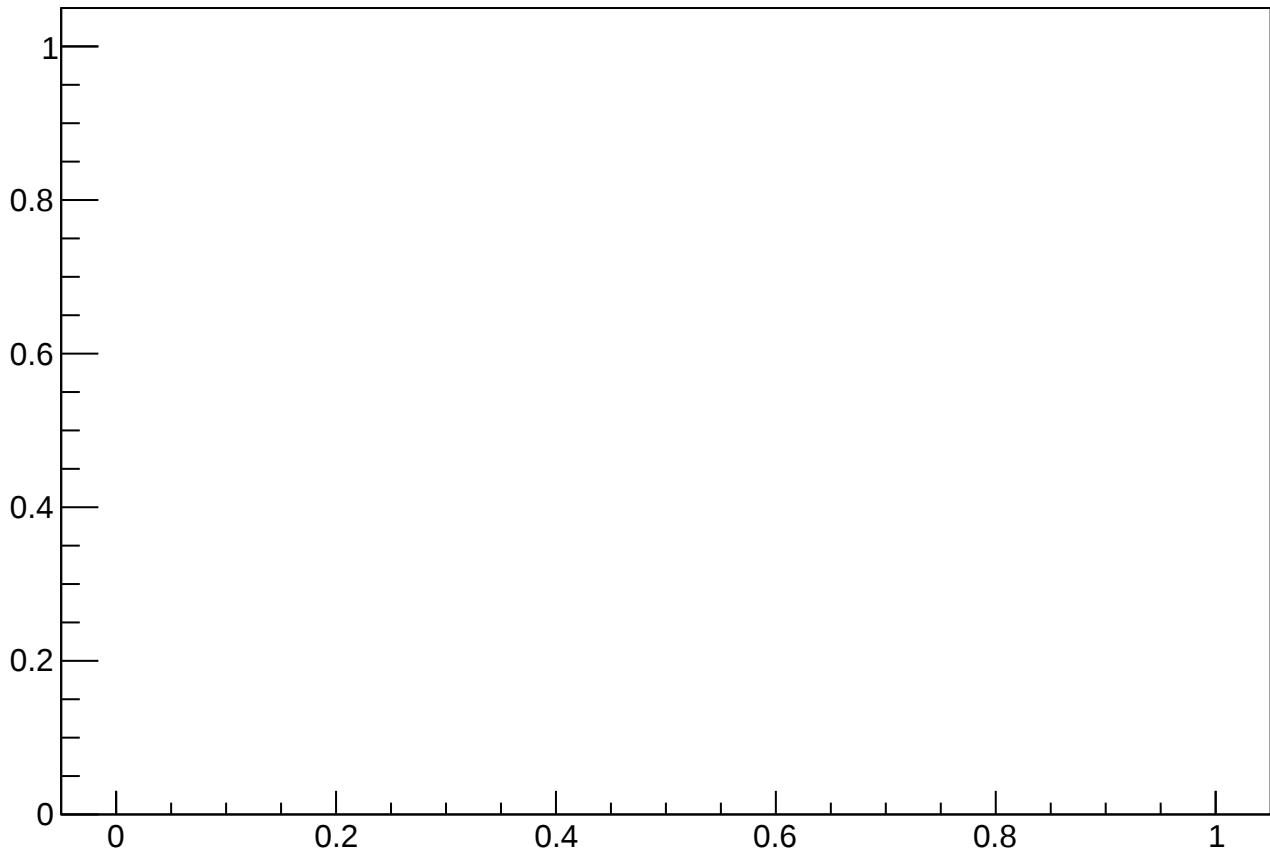
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

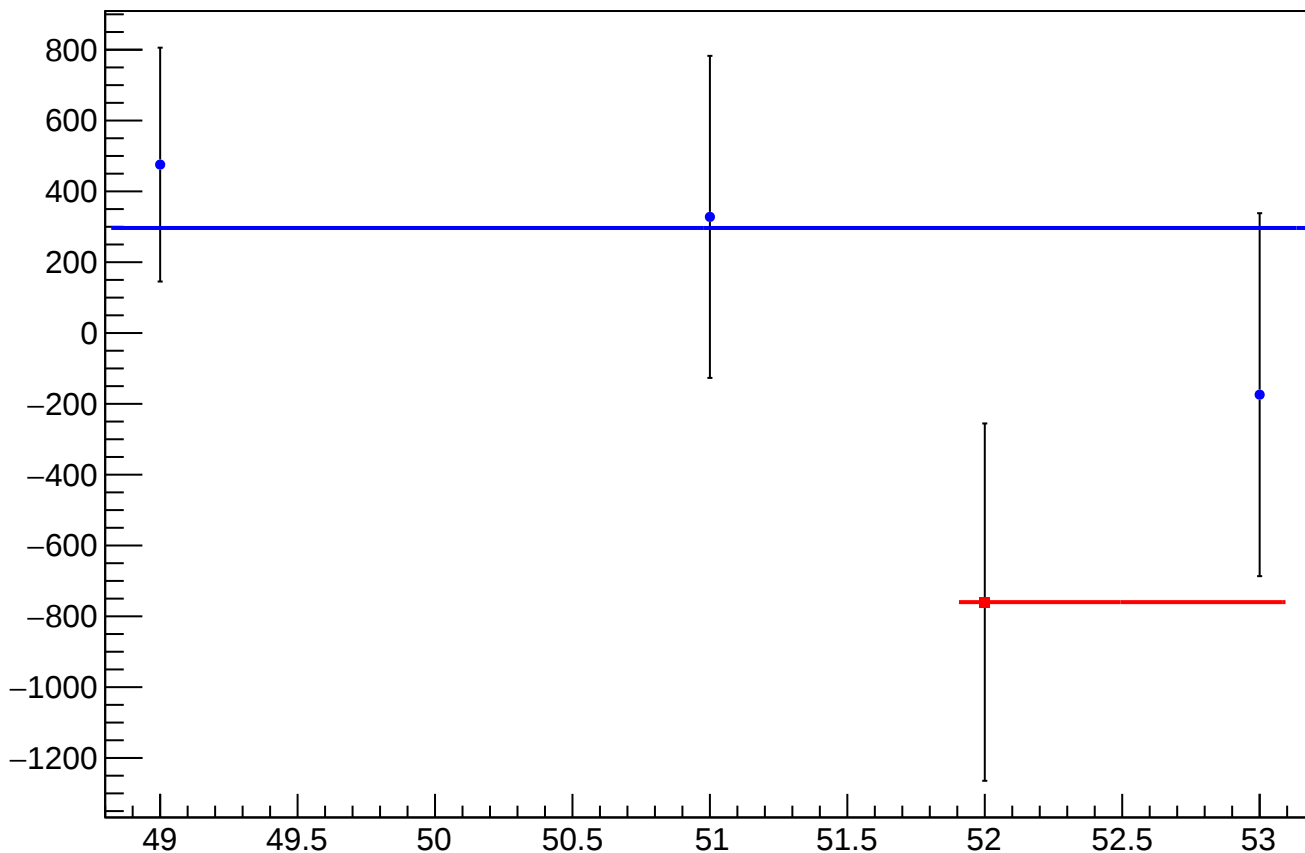
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

asym_us_agg_avg_mean vs slug



Right In: 296.659+/-236.918 χ^2/NDF : 1.1/2

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

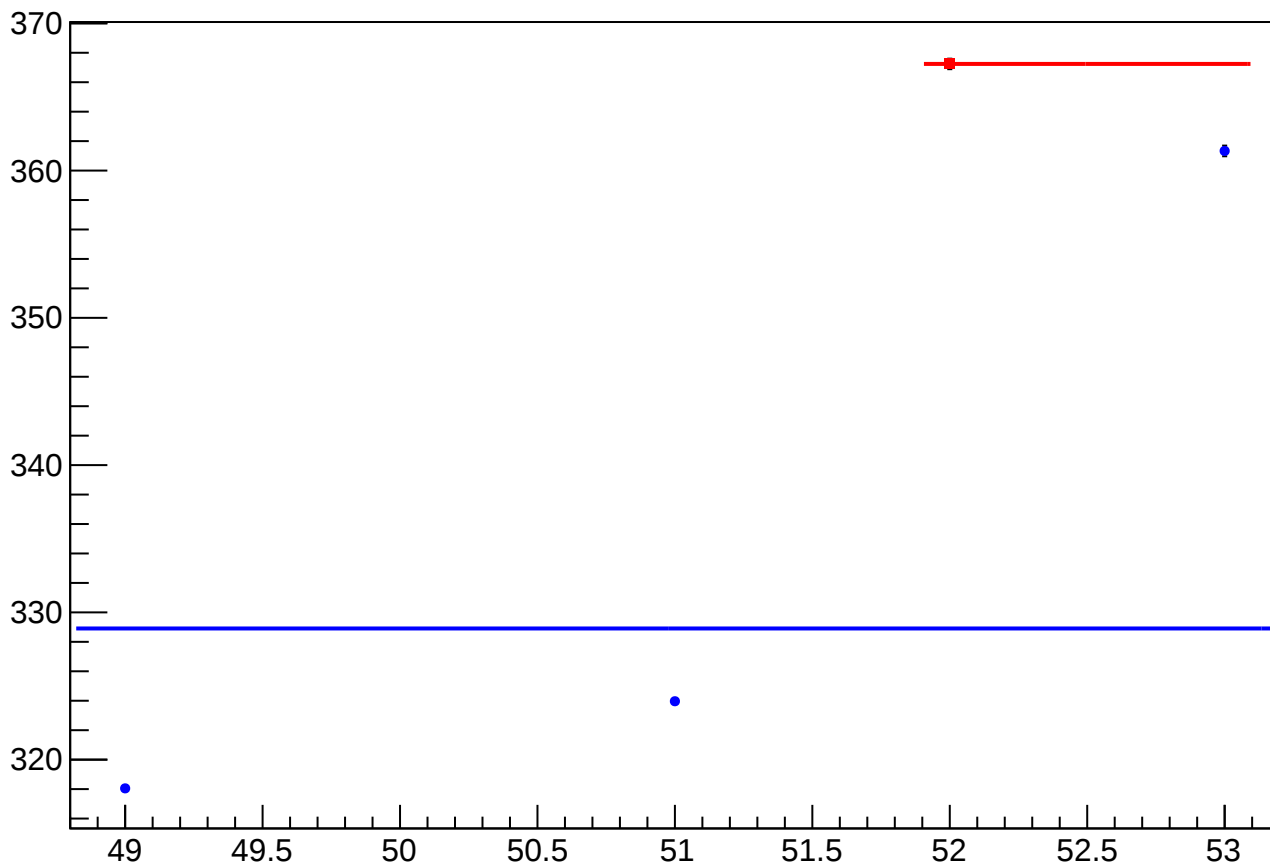
Right Out: -759.912+/-504.533 χ^2/NDF : 0.0/0

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

296.659+/-236.918 χ^2/NDF : 1.1/2

-759.912+/-504.533 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs slug



Right In: 328.907 $\pm$ 0.168 χ^2 /NDF: 10405.6/2

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

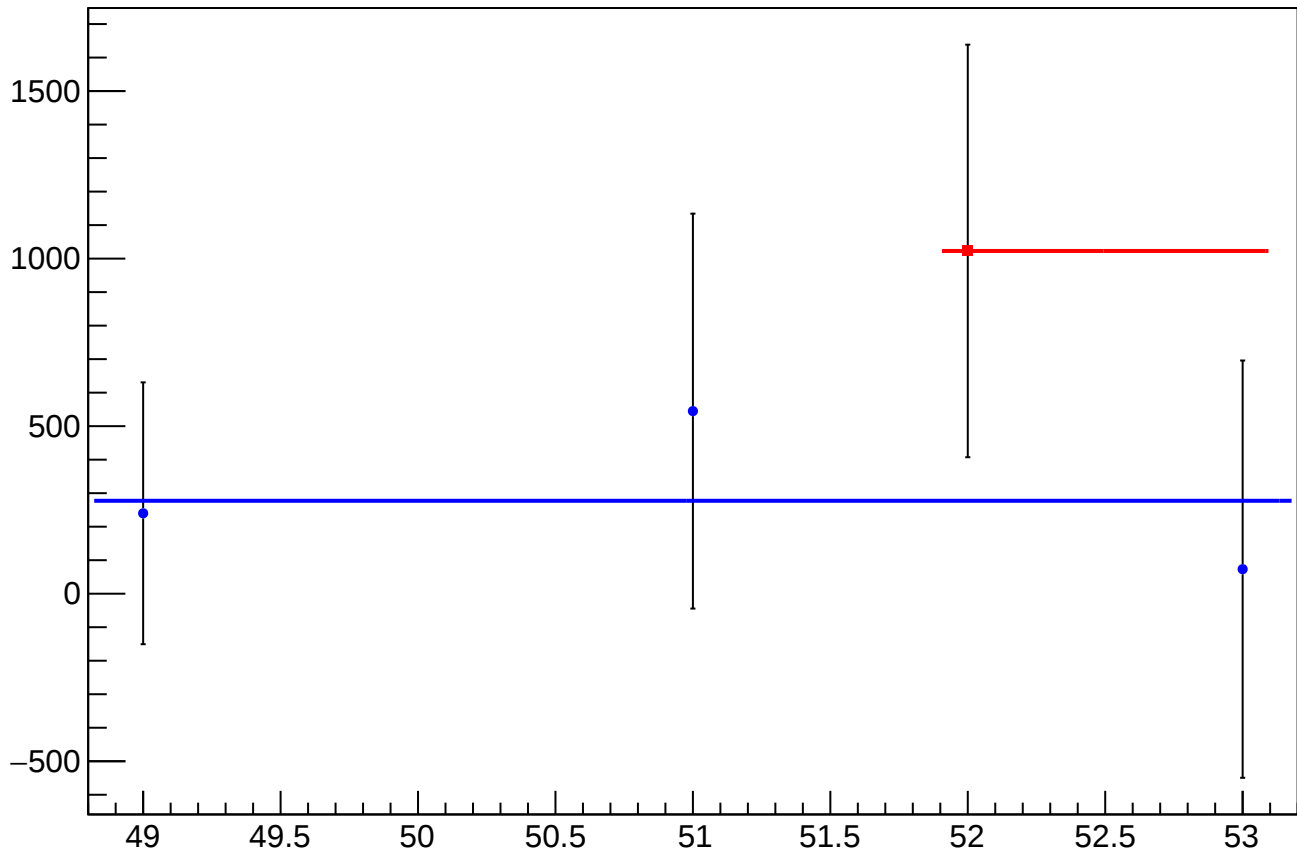
Right Out: 367.242 $\pm$ 0.357 χ^2 /NDF: 0.0/0

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

328.907 $\pm$ 0.168 χ^2 /NDF: 10405.6/2

367.242 $\pm$ 0.357 χ^2 /NDF: 0.0/0

asym_us_agg_dd_mean vs slug



Right In: 277.300+/-288.562 χ^2 /NDF: 0.3/2

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

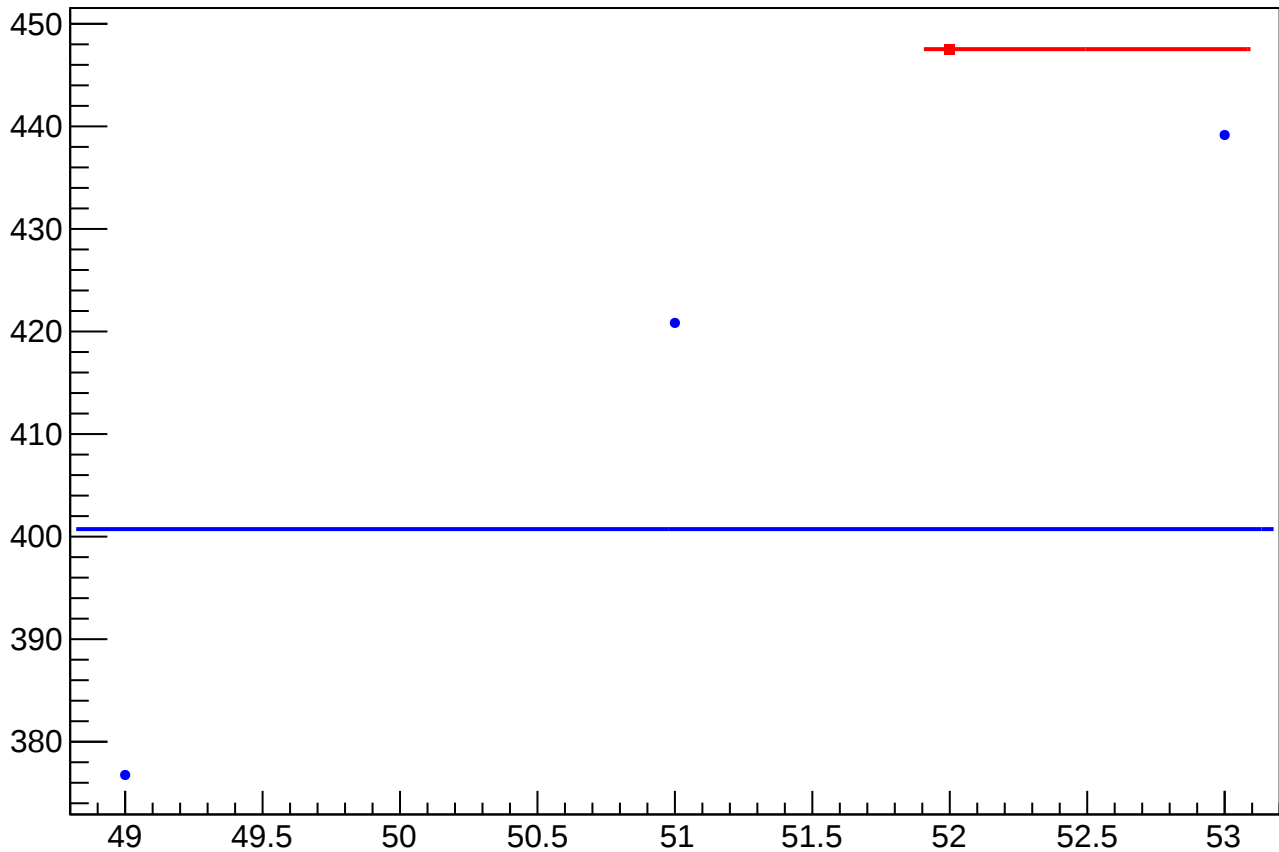
Right Out: 1022.849+/-615.632 χ^2 /NDF: 0.0/0

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

277.300+/-288.562 χ^2 /NDF: 0.3/2

1022.849+/-615.632 χ^2 /NDF: 0.0/0

asym_us_agg_dd_rms vs slug



Right In: 400.733 $\pm$ 0.204 χ^2 /NDF: 17475.0/2

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

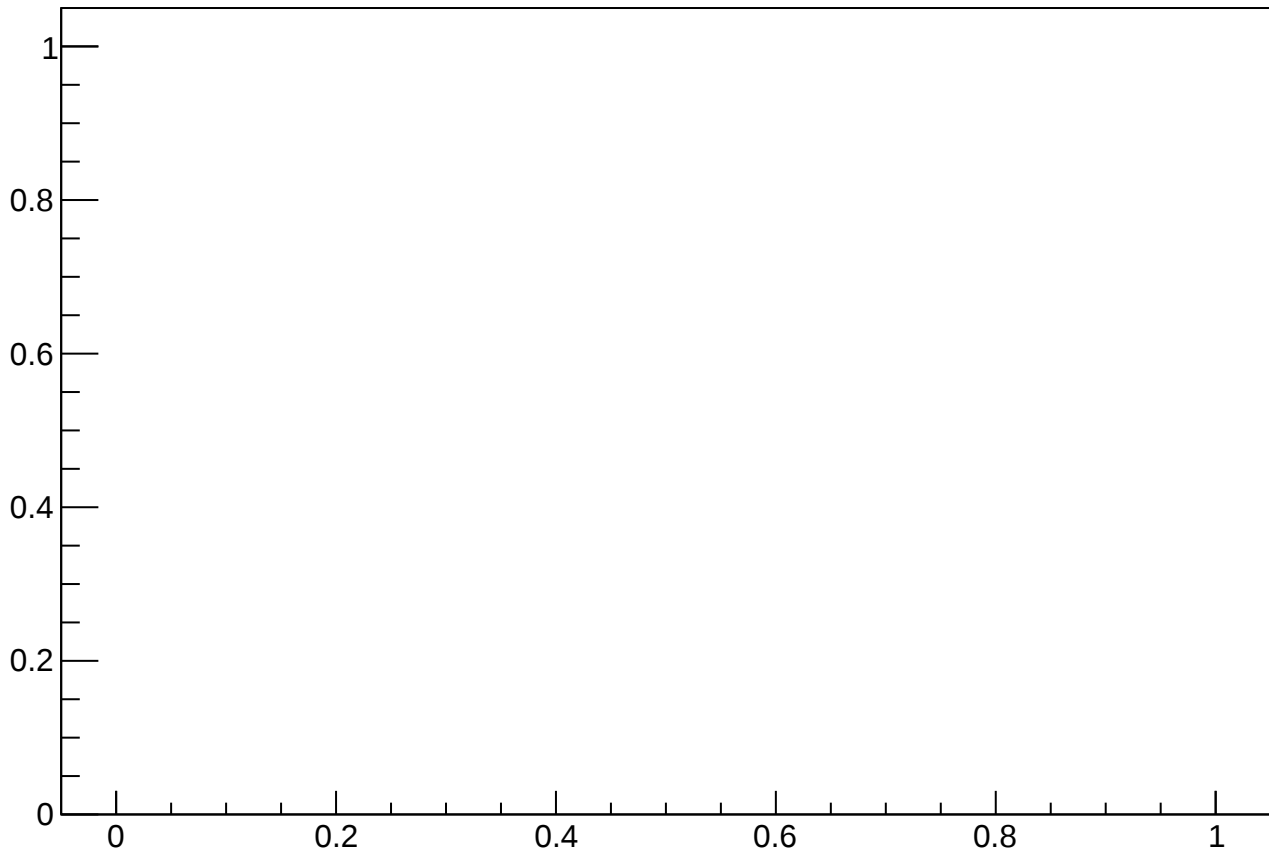
400.733 $\pm$ 0.204 χ^2 /NDF: 17475.0/2

Right Out: 447.532 $\pm$ 0.435 χ^2 /NDF: 0.0/0

447.532 $\pm$ 0.435 χ^2 /NDF: 0.0/0

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

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

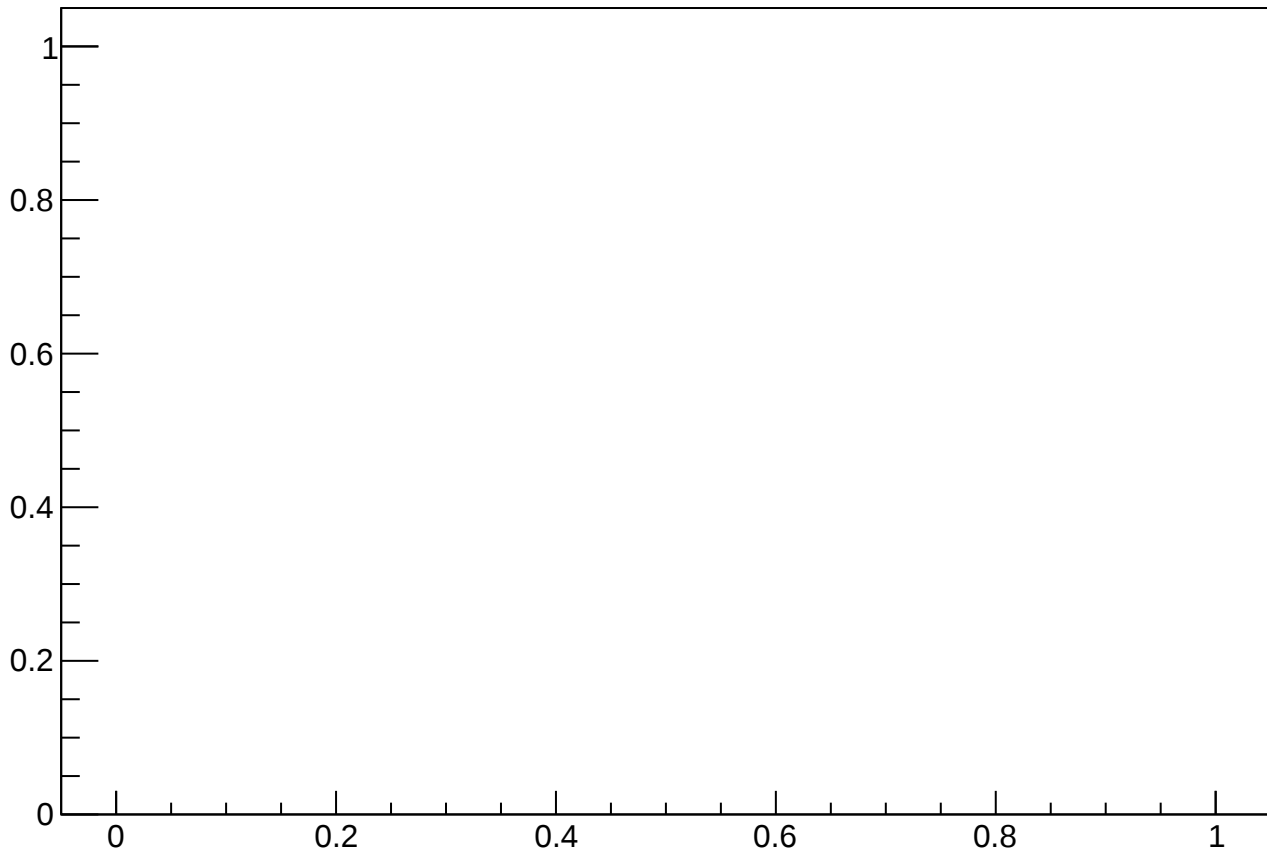
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

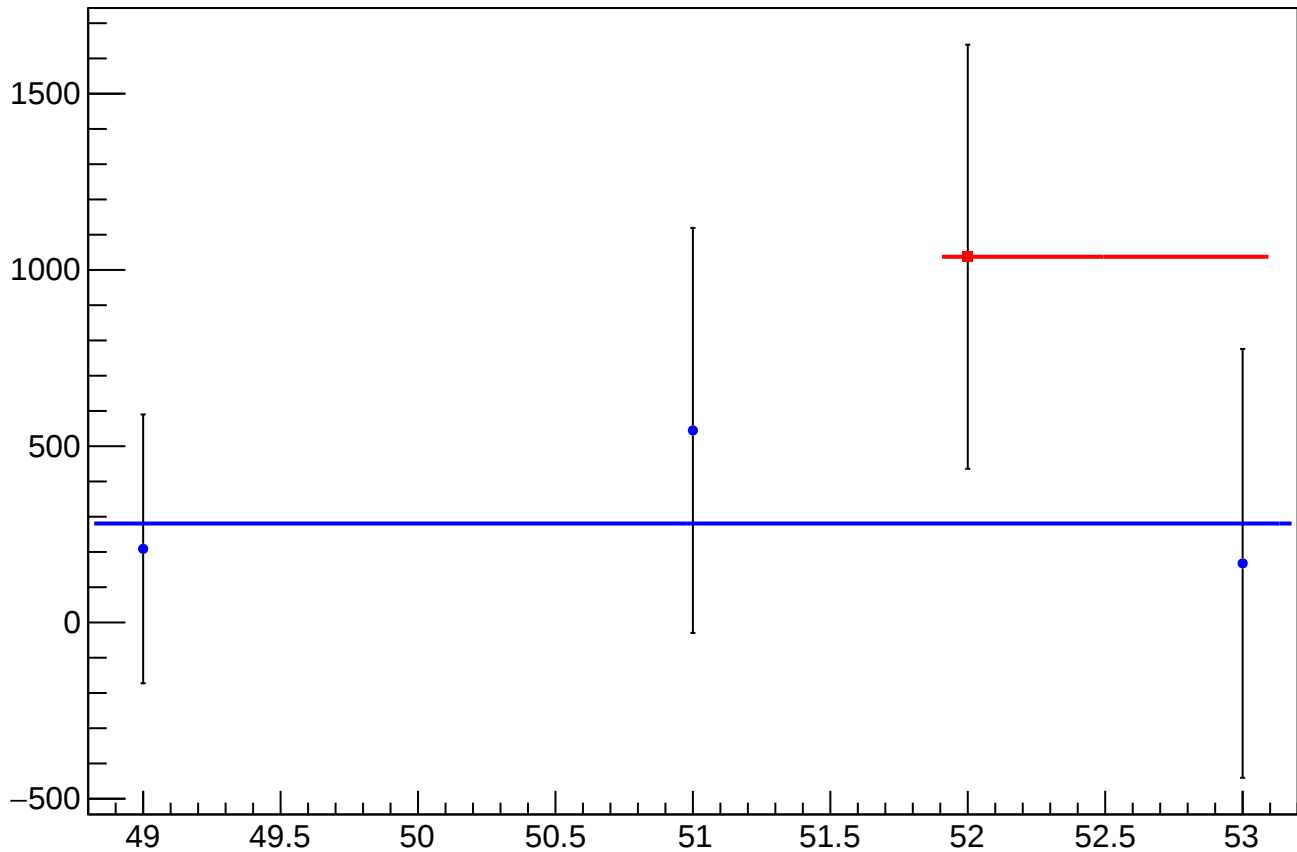
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 280.688 $\pm$ 281.590 χ^2 /NDF: 0.3/2

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

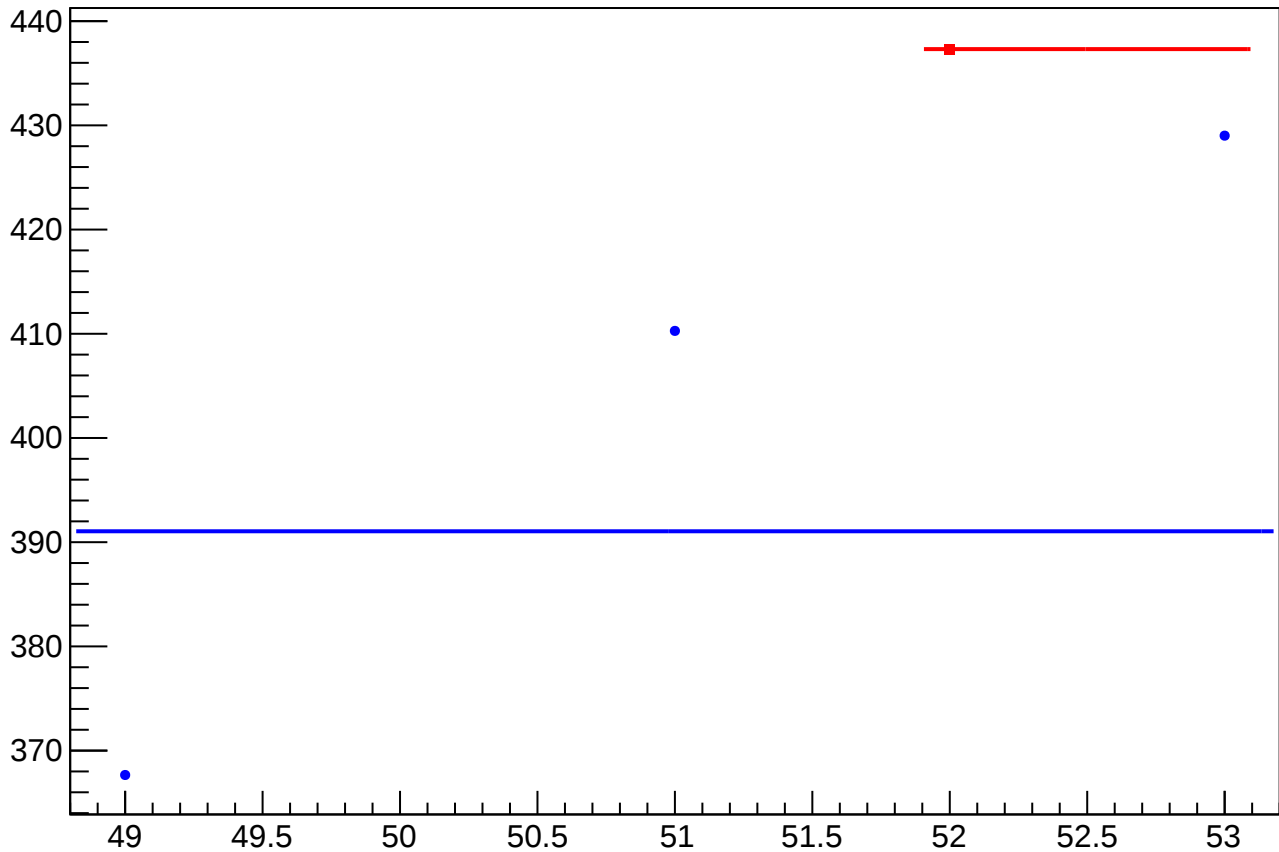
Right Out: 1037.473 $\pm$ 601.598 χ^2 /NDF: 0.0/0

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

280.688 $\pm$ 281.590 χ^2 /NDF: 0.3/2

1037.473 $\pm$ 601.598 χ^2 /NDF: 0.0/0

asym_ds_agg_dd_rms vs slug



Right In: 391.047 $\pm$ 0.199 χ^2 /NDF: 17556.7/2

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

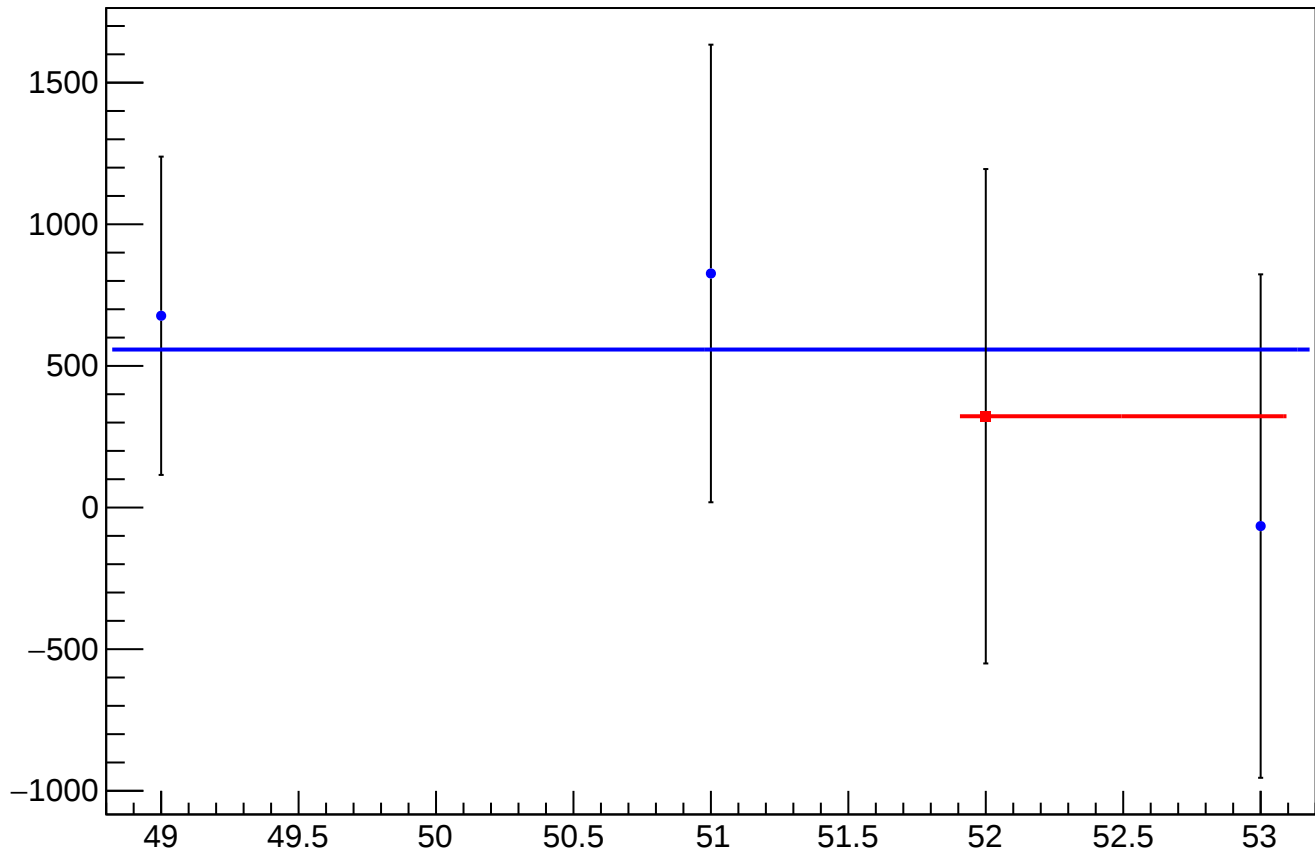
391.047 $\pm$ 0.199 χ^2 /NDF: 17556.7/2

Right Out: 437.318 $\pm$ 0.425 χ^2 /NDF: 0.0/0

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

437.318 $\pm$ 0.425 χ^2 /NDF: 0.0/0

asym_left_agg_avg_mean vs slug



Right In: 557.832 $\pm$ 409.376 χ^2 /NDF: 0.6/2

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

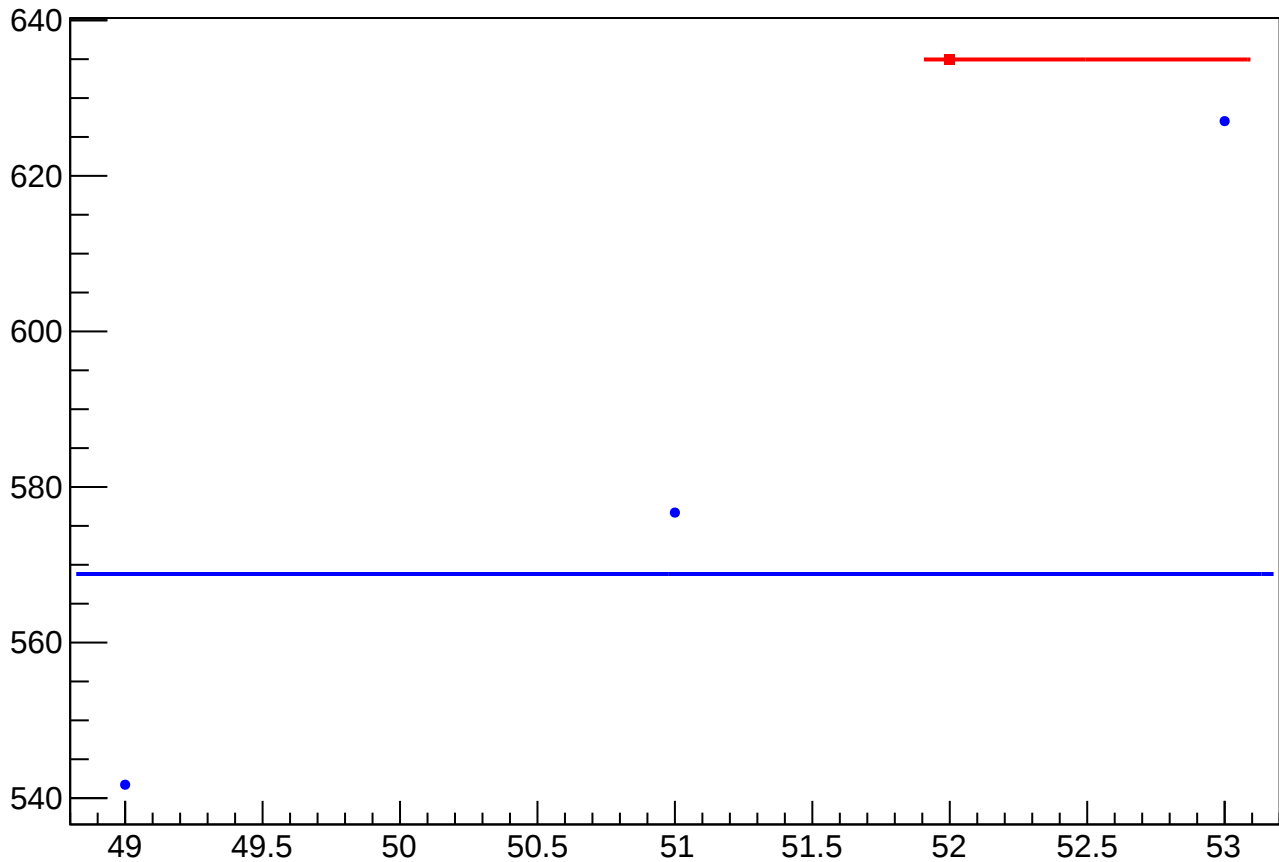
Right Out: 322.318 $\pm$ 872.722 χ^2 /NDF: 0.0/0

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

557.832 $\pm$ 409.376 χ^2 /NDF: 0.6/2

322.318 $\pm$ 872.722 χ^2 /NDF: 0.0/0

asym_left_agg_avg_rms vs slug



Right In: 568.816 $\pm$ 0.289 χ^2 /NDF: 13424.2/2

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

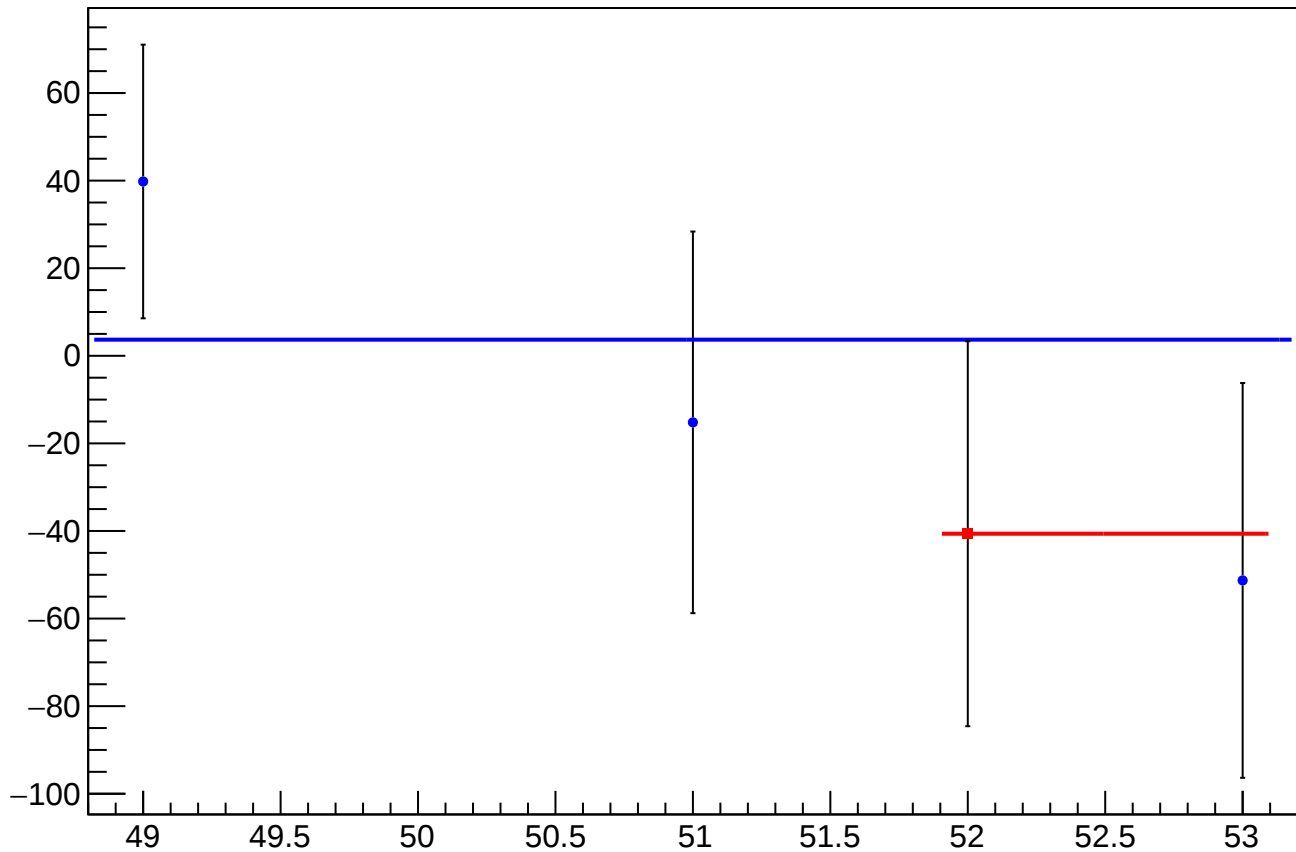
568.816 $\pm$ 0.289 χ^2 /NDF: 13424.2/2

Right Out: 634.962 $\pm$ 0.617 χ^2 /NDF: 0.0/0

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

634.962 $\pm$ 0.617 χ^2 /NDF: 0.0/0

asym_left_agg_dd_mean vs slug



Right In: 3.683 $\pm$ 22.121 χ^2 /NDF: 3.0/2

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

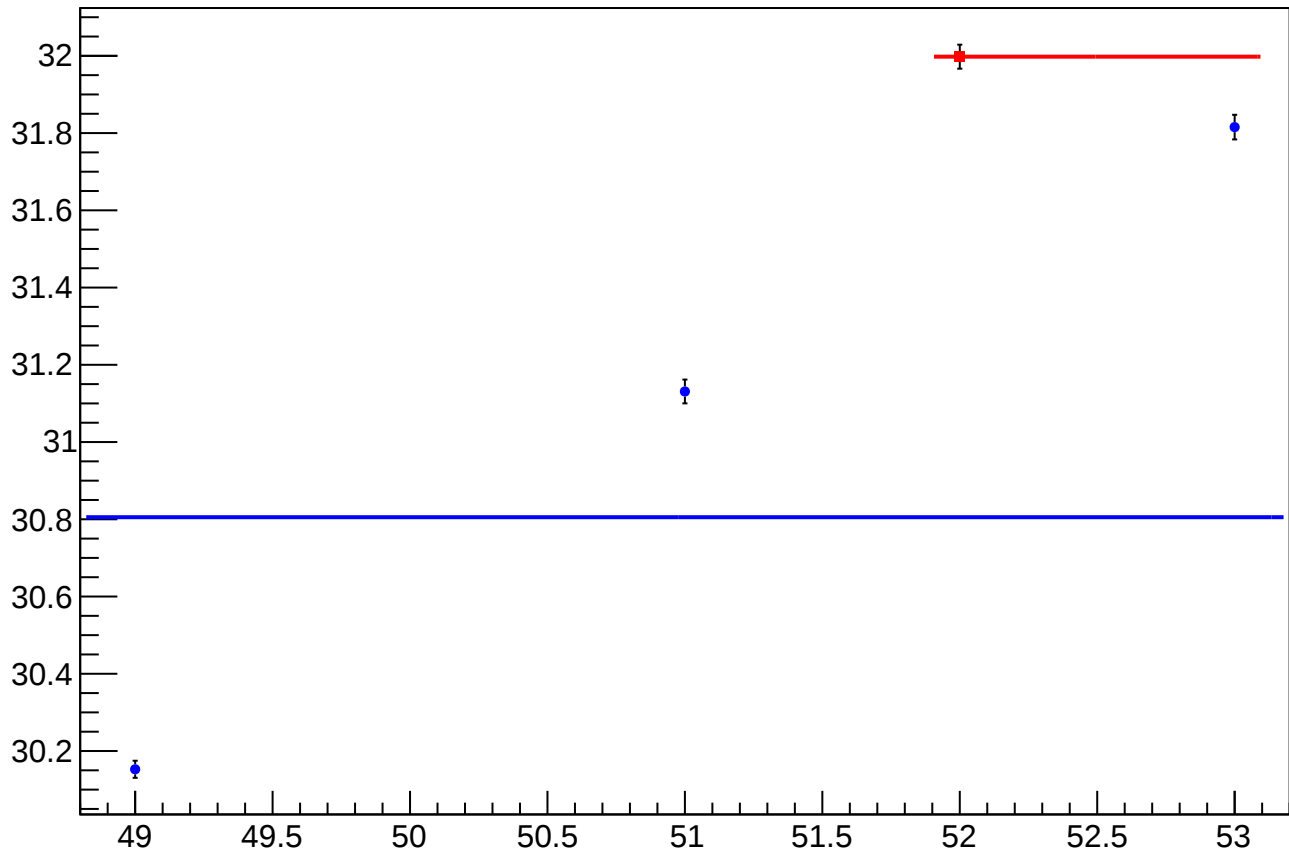
Right Out: -40.631 $\pm$ 43.955 χ^2 /NDF: 0.0/0

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

3.683 $\pm$ 22.121 χ^2 /NDF: 3.0/2

-40.631 $\pm$ 43.955 χ^2 /NDF: 0.0/0

asym_left_agg_dd_rms vs slug



Right In: 30.805 $\pm$ 0.016 χ^2 /NDF: 1989.1/2

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

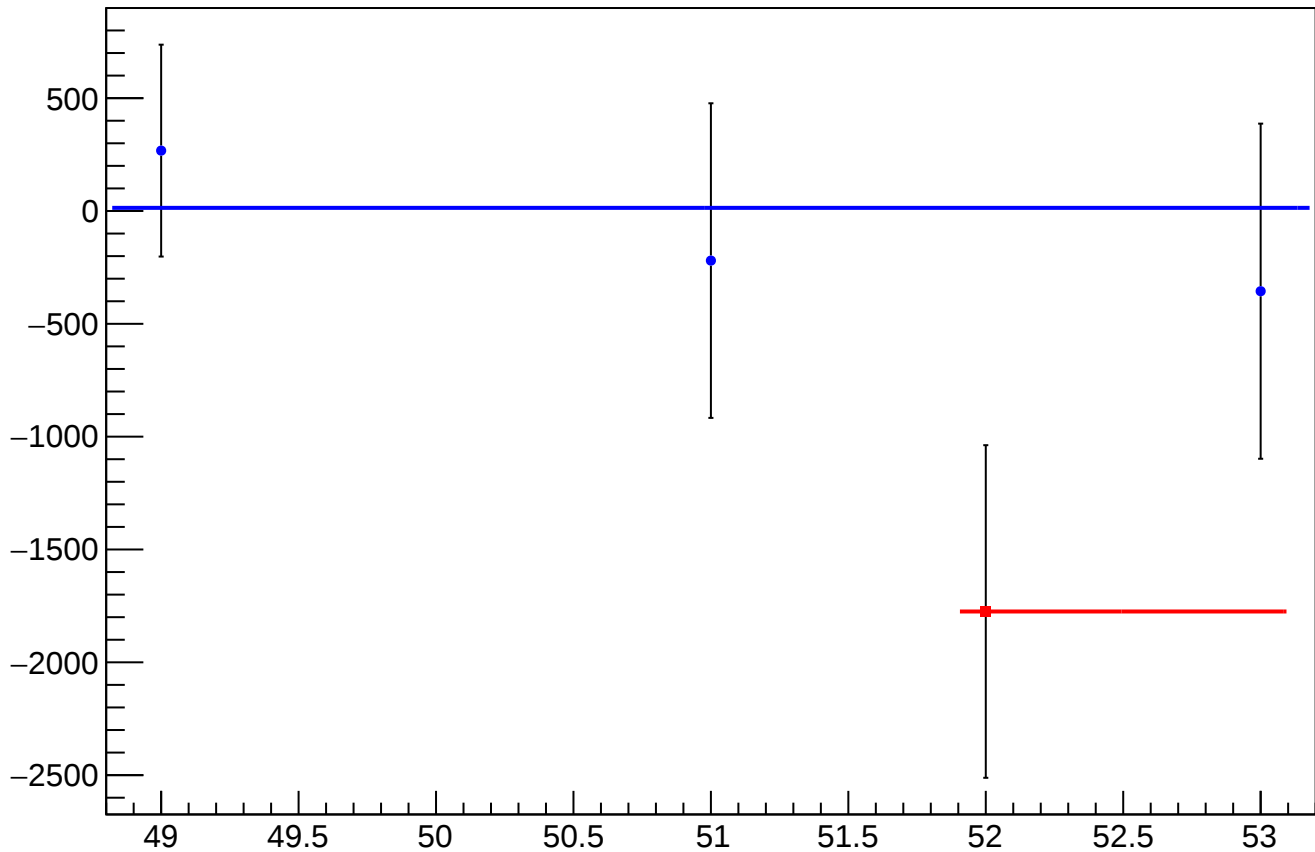
Right Out: 31.998 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

30.805 $\pm$ 0.016 χ^2 /NDF: 1989.1/2

31.998 $\pm$ 0.031 χ^2 /NDF: 0.0/0

asym_right_agg_avg_mean vs slug



Right In: 13.898+/-344.860 χ^2/NDF : 0.7/2

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

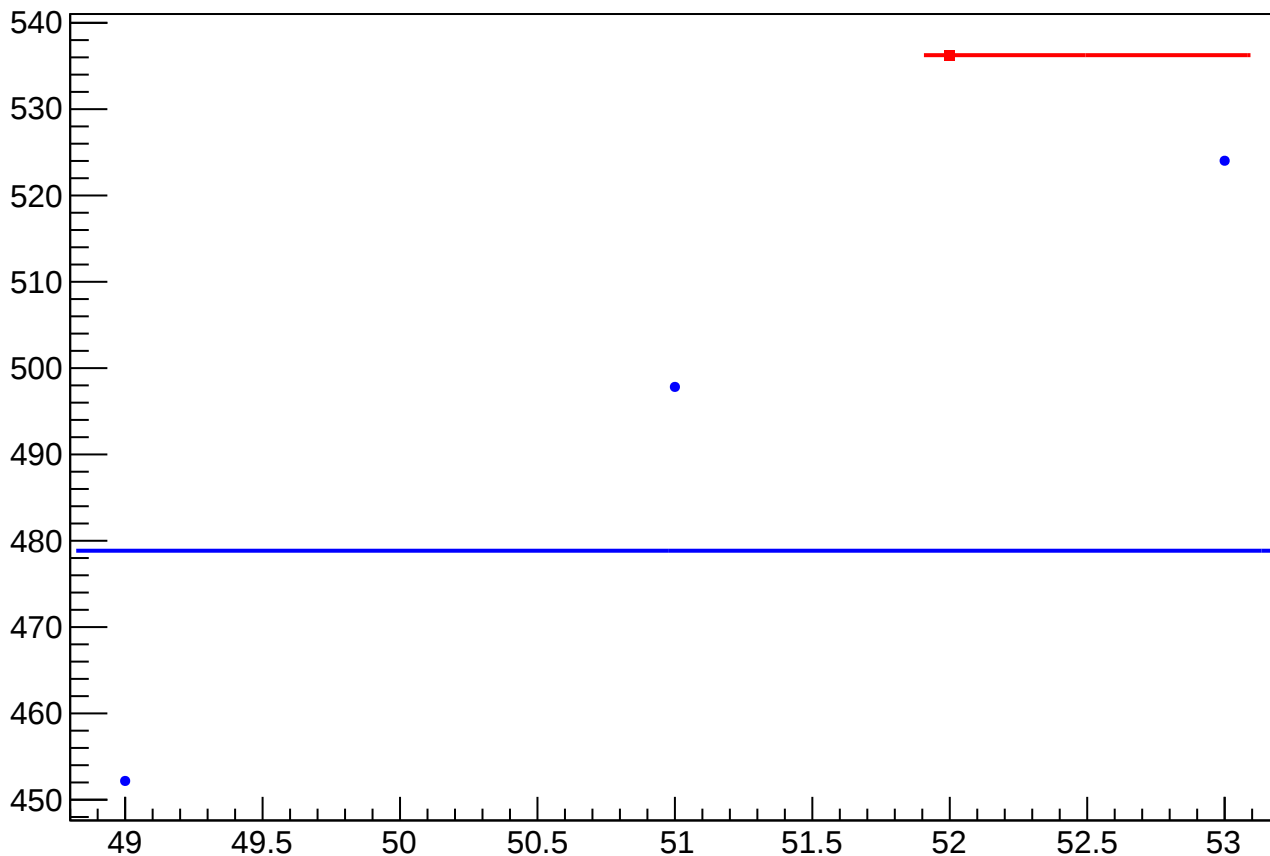
Right Out: -1774.769+/-736.986 χ^2/NDF : 0.0/0

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

13.898+/-344.860 χ^2/NDF : 0.7/2

-1774.769+/-736.986 χ^2/NDF : 0.0/0

asym_right_agg_avg_rms vs slug



Right In: 478.846 $\pm$ 0.244 χ^2 /NDF: 15339.3/2

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

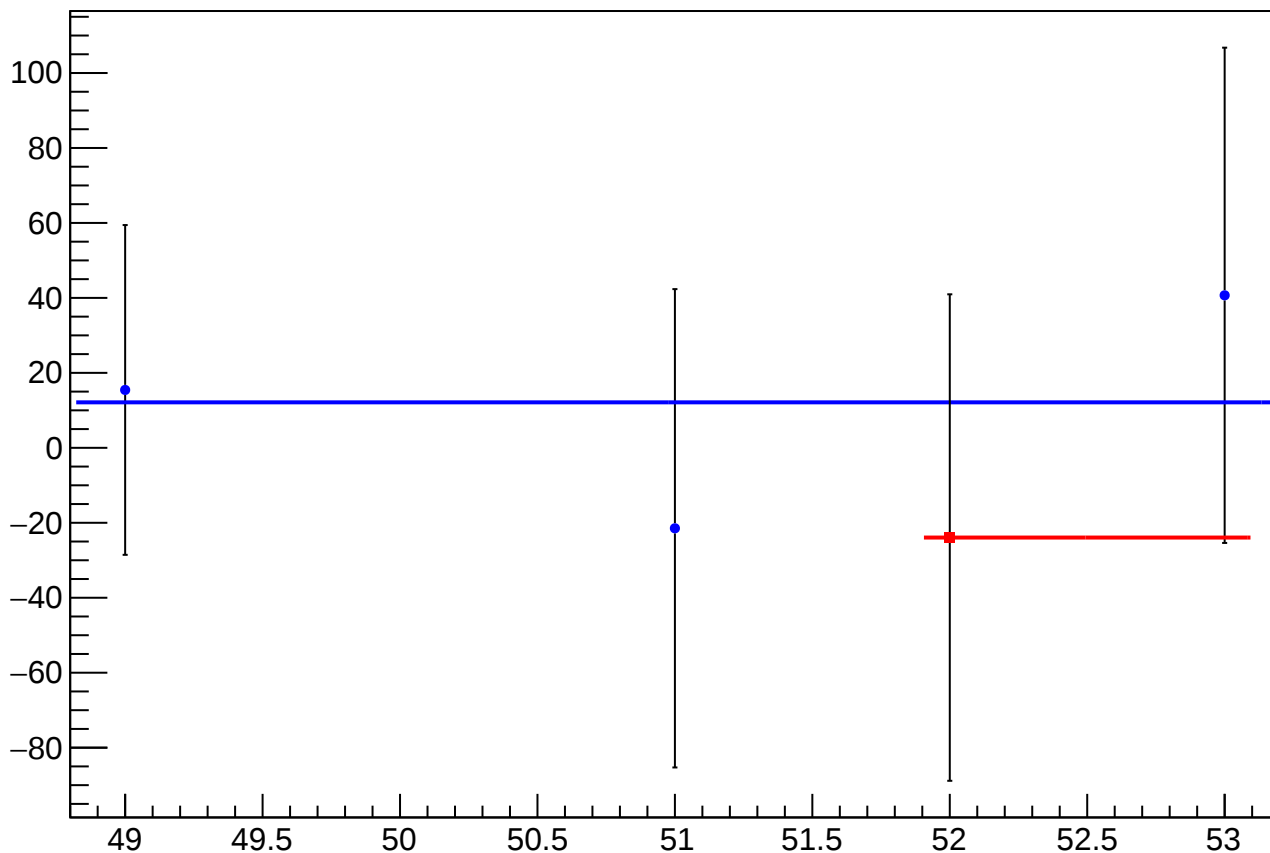
Right Out: 536.255 $\pm$ 0.521 χ^2 /NDF: 0.0/0

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

478.846 $\pm$ 0.244 χ^2 /NDF: 15339.3/2

536.255 $\pm$ 0.521 χ^2 /NDF: 0.0/0

asym_right_agg_dd_mean vs slug



Right In: 12.134+/-31.760 χ^2/NDF : 0.5/2

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

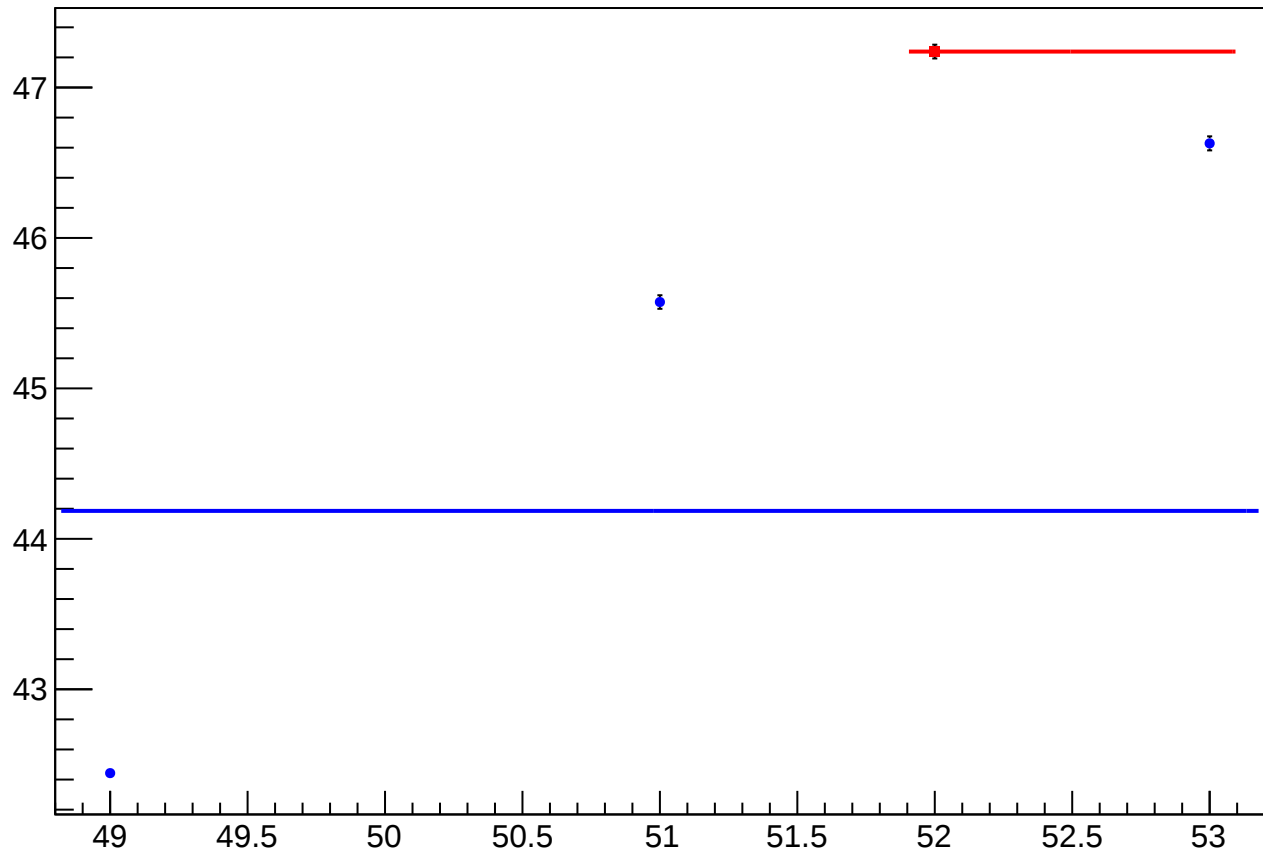
Right Out: -23.940+/-64.898 χ^2/NDF : 0.0/0

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

12.134+/-31.760 χ^2/NDF : 0.5/2

-23.940+/-64.898 χ^2/NDF : 0.0/0

asym_right_agg_dd_rms vs slug



Right In: 44.186+/-0.022 χ^2/NDF : 6820.4/2

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

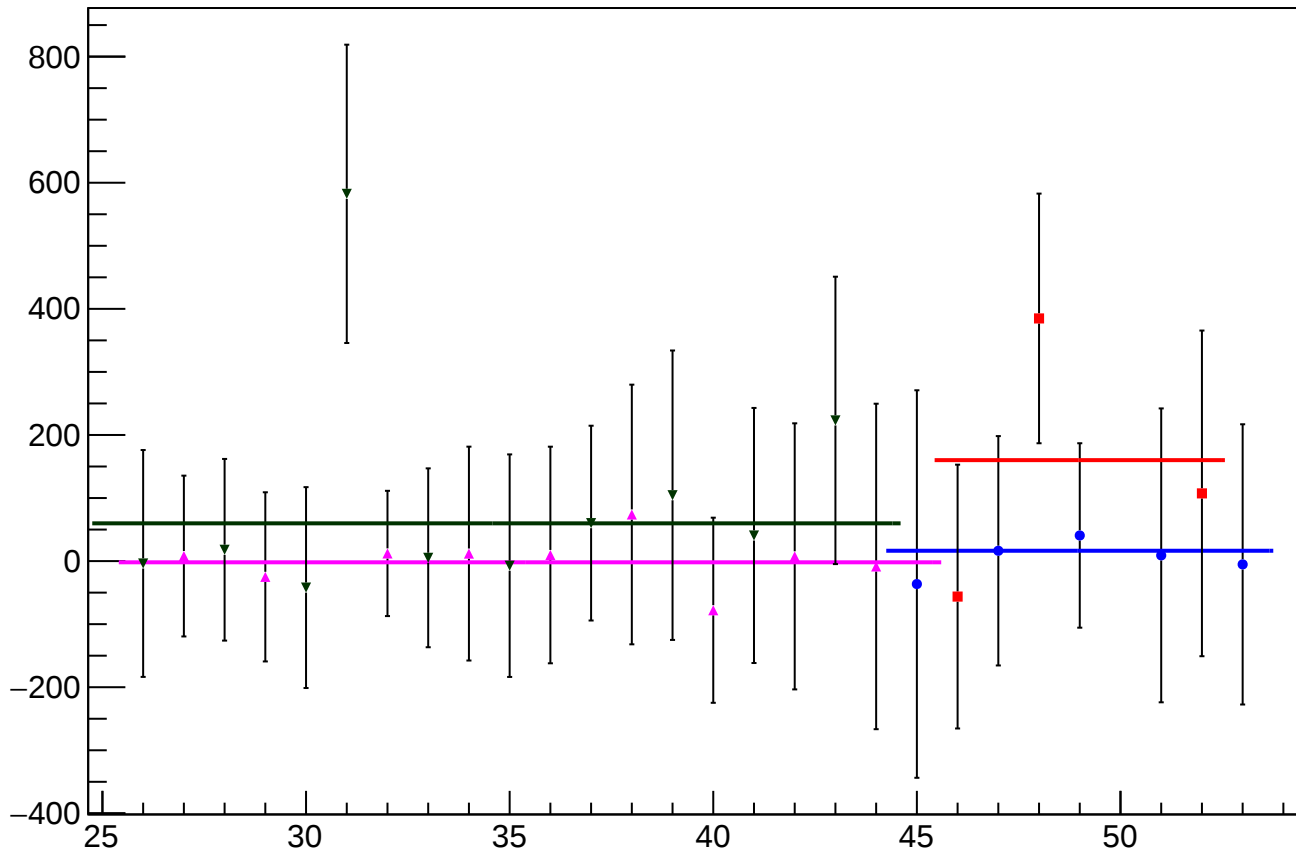
Right Out: 47.239+/-0.046 χ^2/NDF : 0.0/0

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

44.186+/-0.022 χ^2/NDF : 6820.4/2

47.239+/-0.046 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 16.408+/-88.997 χ^2/NDF : 0.1/4

Left Out: 59.870+/-55.655 χ^2/NDF : 6.4/9

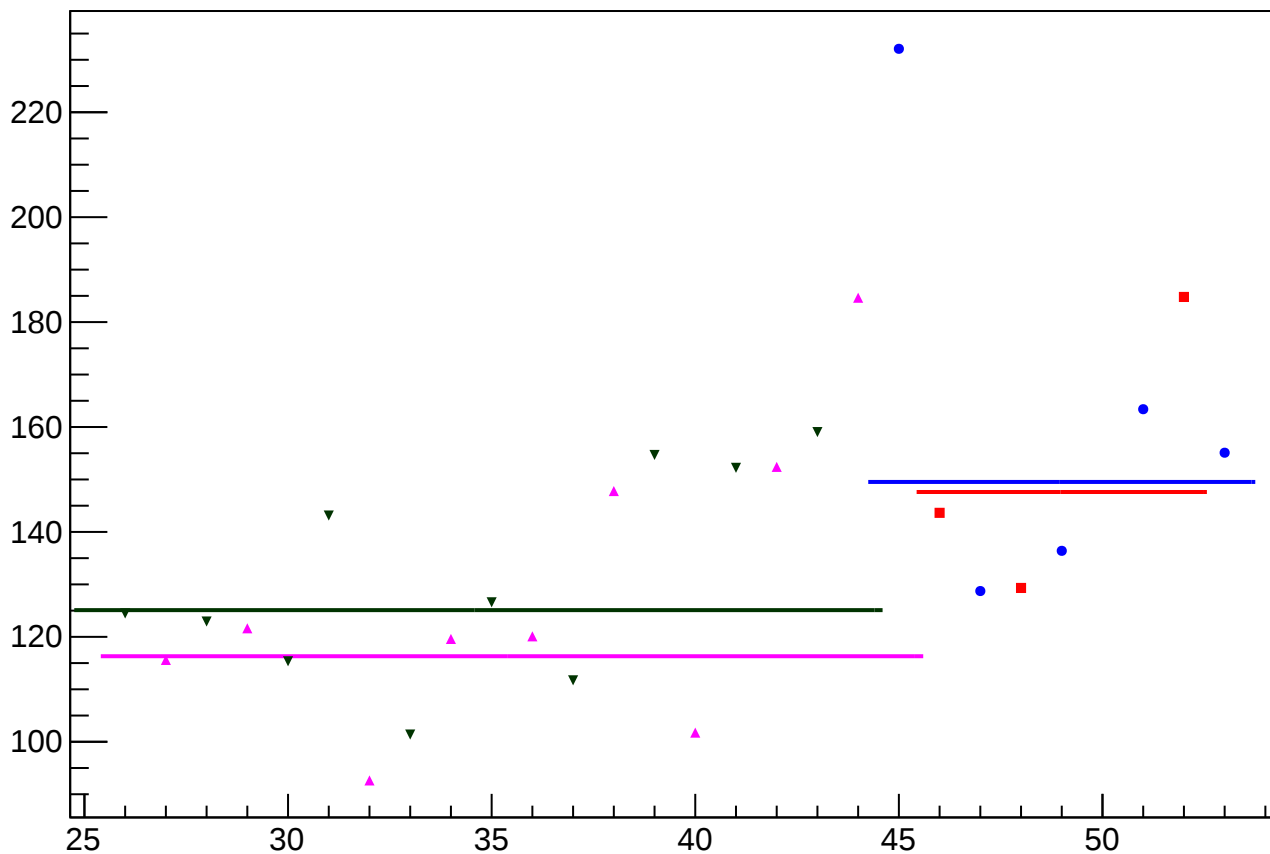
Right Out: 160.096+/-125.615 χ^2/NDF : 2.4/2

Left In: -1.923+/-50.339 χ^2/NDF : 0.5/8

47.651+/-47.188 χ^2/NDF : 6.6/14

20.495+/-46.726 χ^2/NDF : 4.3/11

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 149.529 $\pm$ 0.063 χ^2 /NDF: 195014.6/4

Left Out: 125.094 $\pm$ 0.039 χ^2 /NDF: 204235.7/9

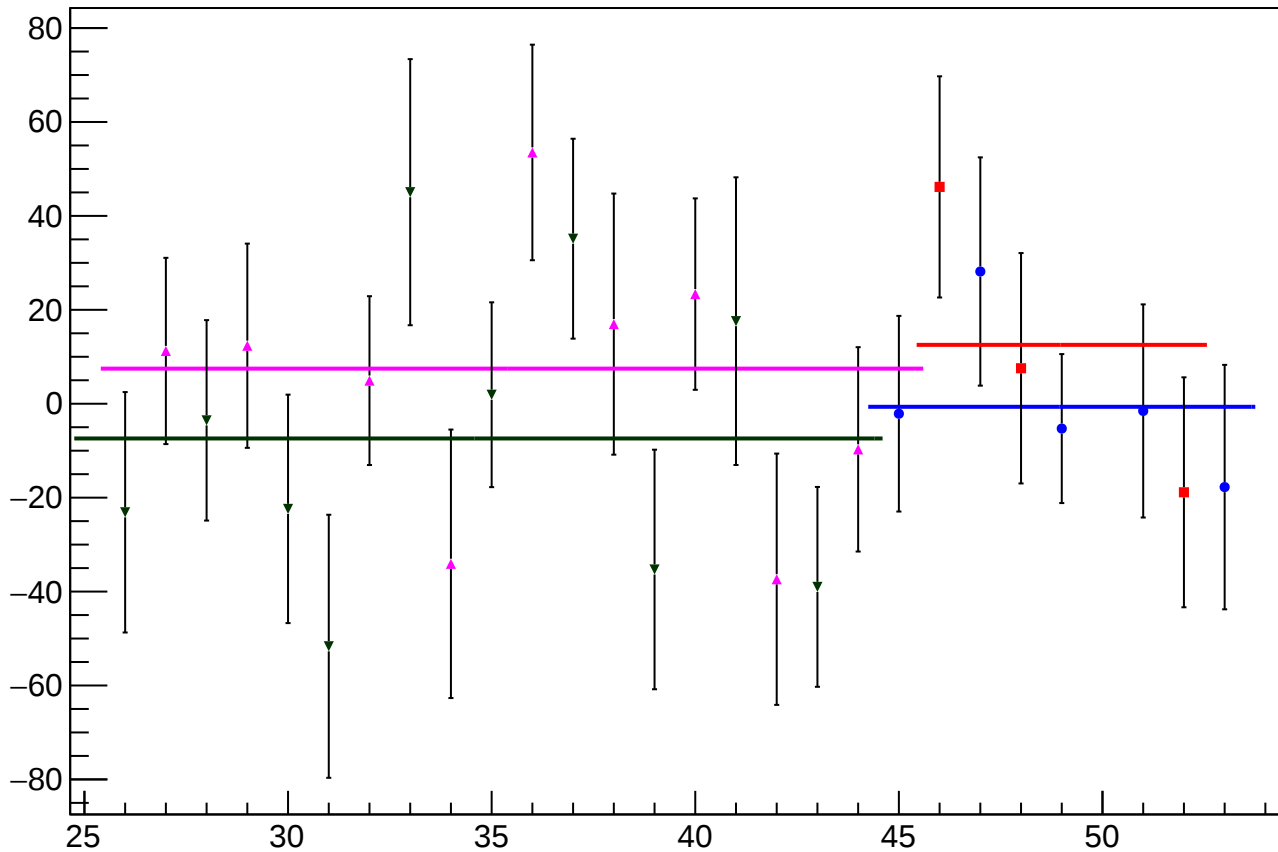
Right Out: 147.613 $\pm$ 0.089 χ^2 /NDF: 59264.1/2

Left In: 116.306 $\pm$ 0.036 χ^2 /NDF: 383847.2/8

131.964 $\pm$ 0.033 χ^2 /NDF: 507632.1/14

120.638 $\pm$ 0.033 χ^2 /NDF: 550150.0/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -0.652 ± 9.371 χ^2/NDF : 1.9/4

Left Out: -7.396 ± 7.553 χ^2/NDF : 15.0/9

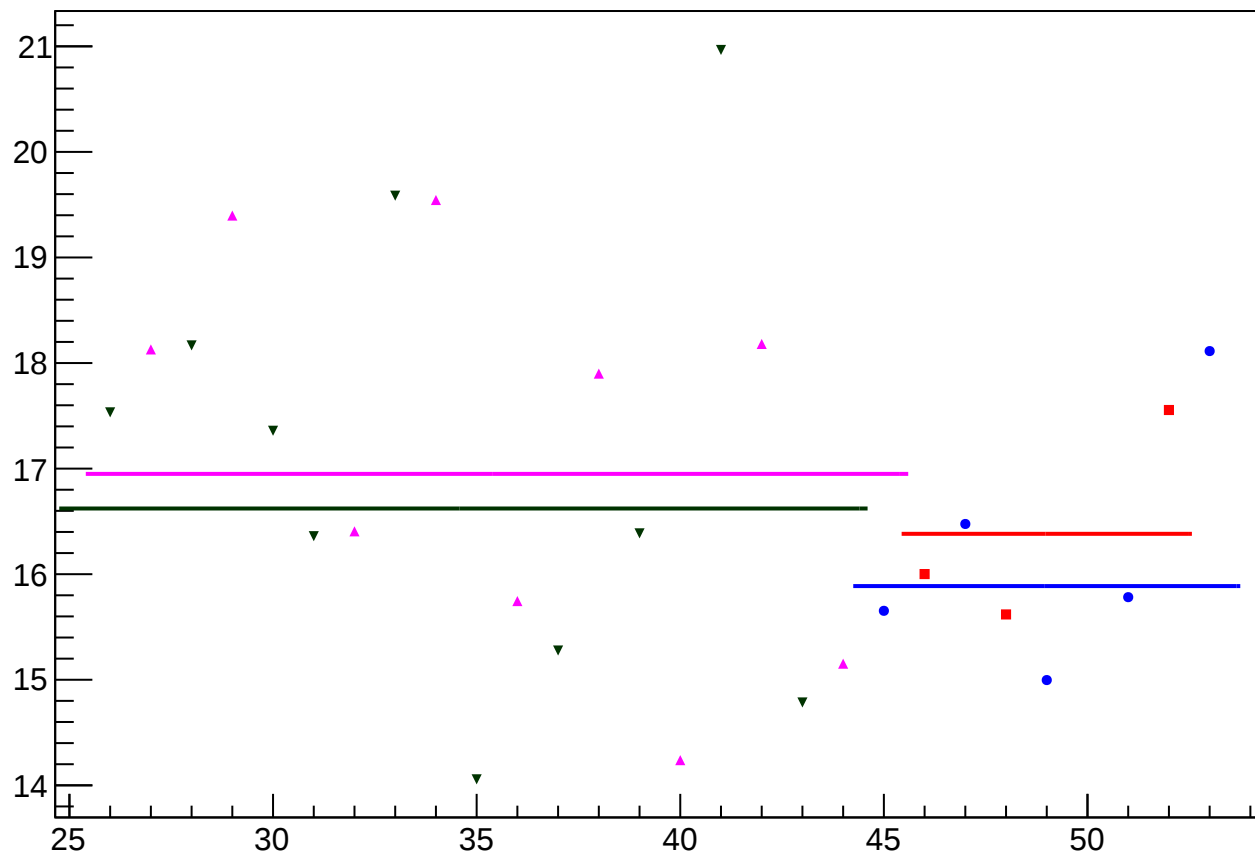
Right Out: 12.538 ± 13.958 χ^2/NDF : 3.7/2

Left In: 7.478 ± 7.436 χ^2/NDF : 10.4/8

-4.740 ± 5.880 χ^2/NDF : 17.2/14

8.596 ± 6.563 χ^2/NDF : 14.2/11

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.887 $\pm$ 0.007 χ^2 /NDF: 22391.6/4

Left Out: 16.622 $\pm$ 0.005 χ^2 /NDF:134157.6/9

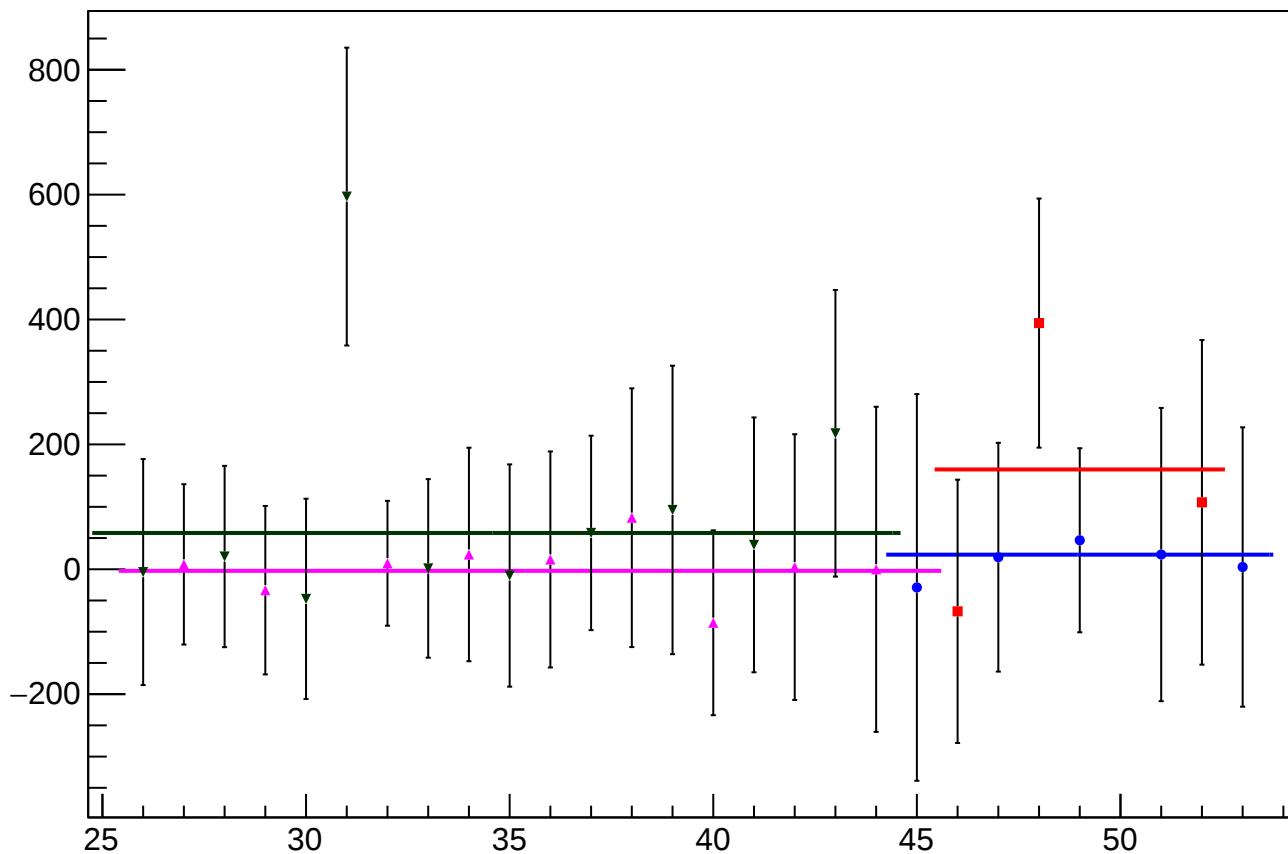
Right Out: 16.382 $\pm$ 0.010 χ^2 /NDF: 7051.1/2

Left In: 16.950 $\pm$ 0.005 χ^2 /NDF:111827.8/8

16.333 $\pm$ 0.004 χ^2 /NDF: 164005.2/14

16.825 $\pm$ 0.005 χ^2 /NDF: 121456.2/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 23.416+/-89.669 χ^2/NDF : 0.1/4

Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

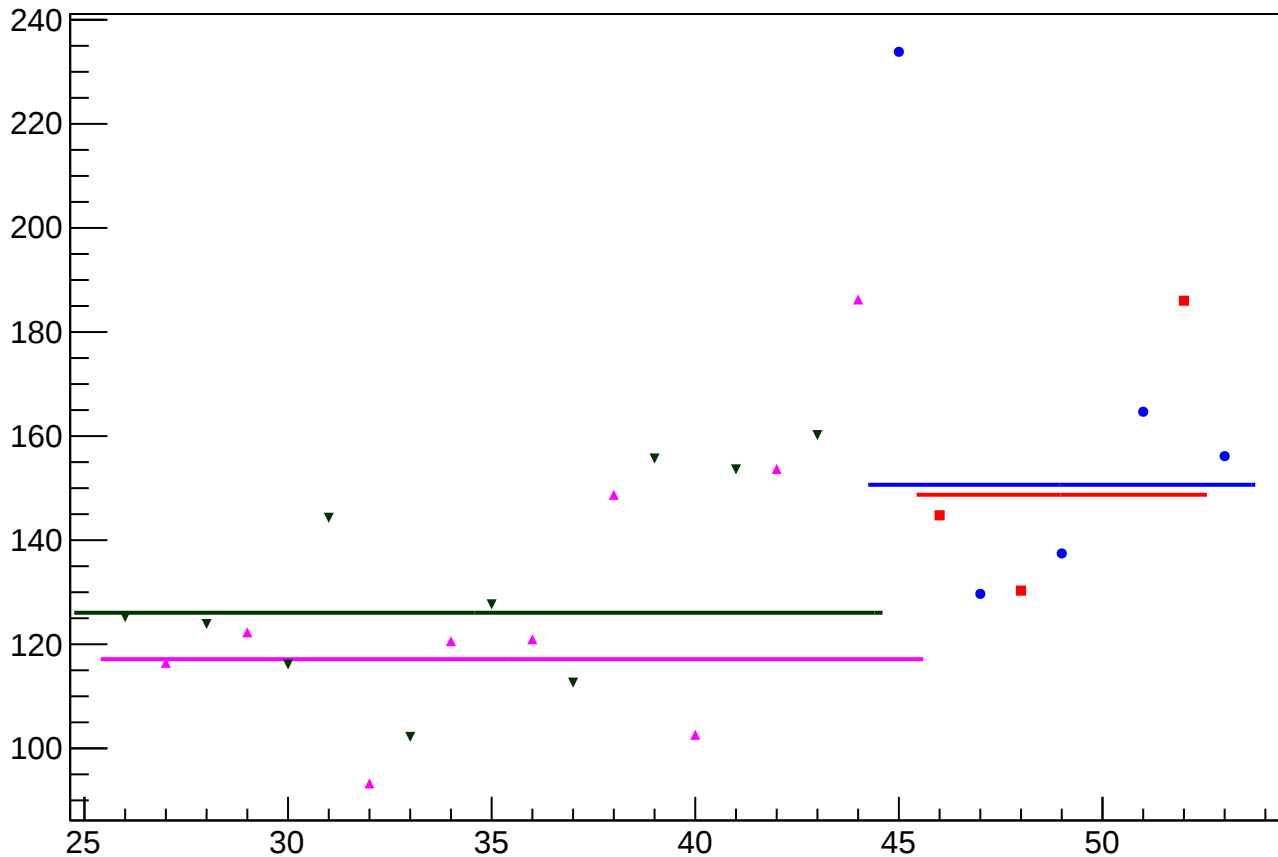
Right Out: 159.879+/-126.560 χ^2/NDF : 2.6/2

Left In: -2.514+/-50.703 χ^2/NDF : 0.6/8

48.387+/-47.550 χ^2/NDF : 6.7/14

19.945+/-47.066 χ^2/NDF : 4.6/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 150.652 ± 0.063 χ^2/NDF : 194962.2/4

Left Out: 126.059 ± 0.040 χ^2/NDF : 204192.9/9

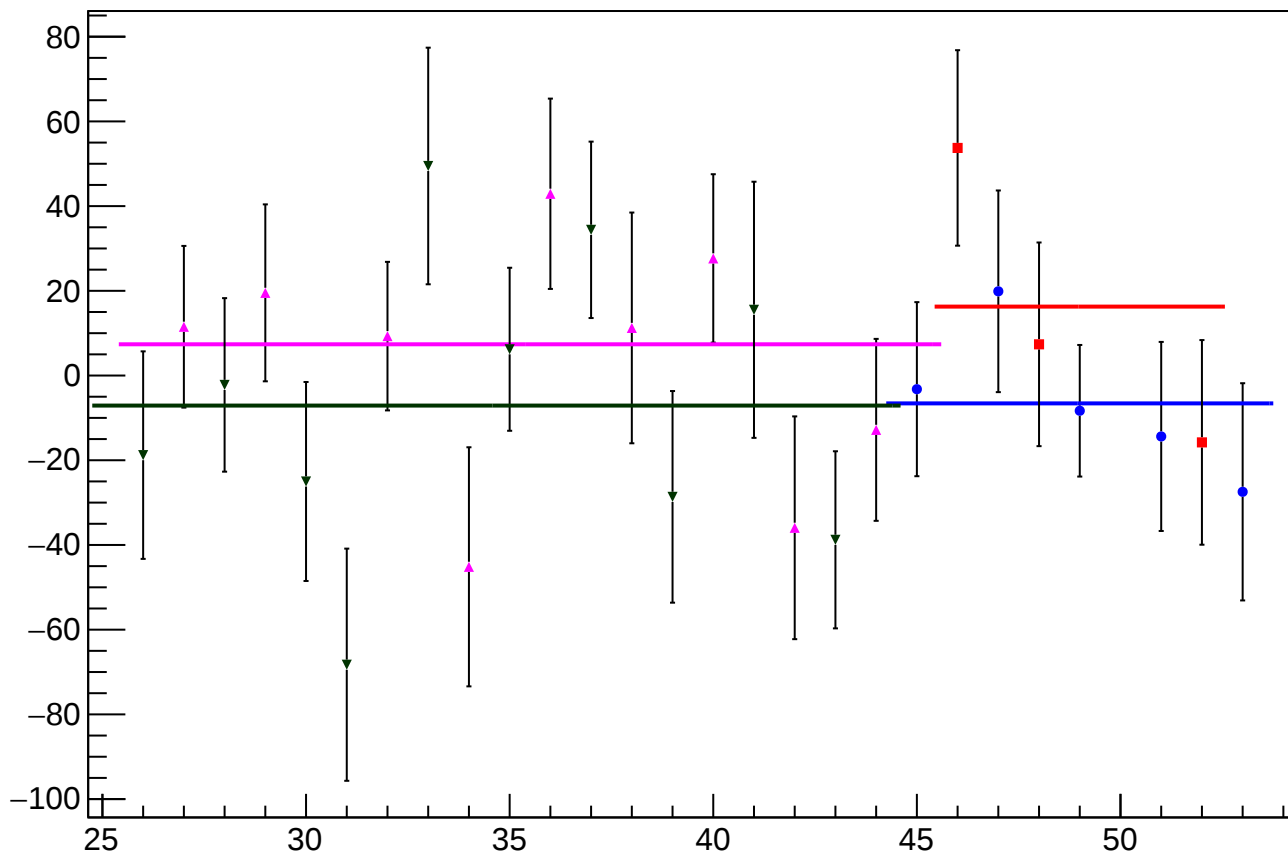
Right Out: 148.734 ± 0.089 χ^2/NDF : 58915.1/2

Left In: 117.138 ± 0.036 χ^2/NDF : 384599.1/8

132.974 ± 0.034 χ^2/NDF : 507293.6/14

121.507 ± 0.033 χ^2/NDF : 550926.8/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -6.575+/-9.204 χ^2/NDF : 2.1/4

Left Out: -7.091+/-7.359 χ^2/NDF : 18.0/9

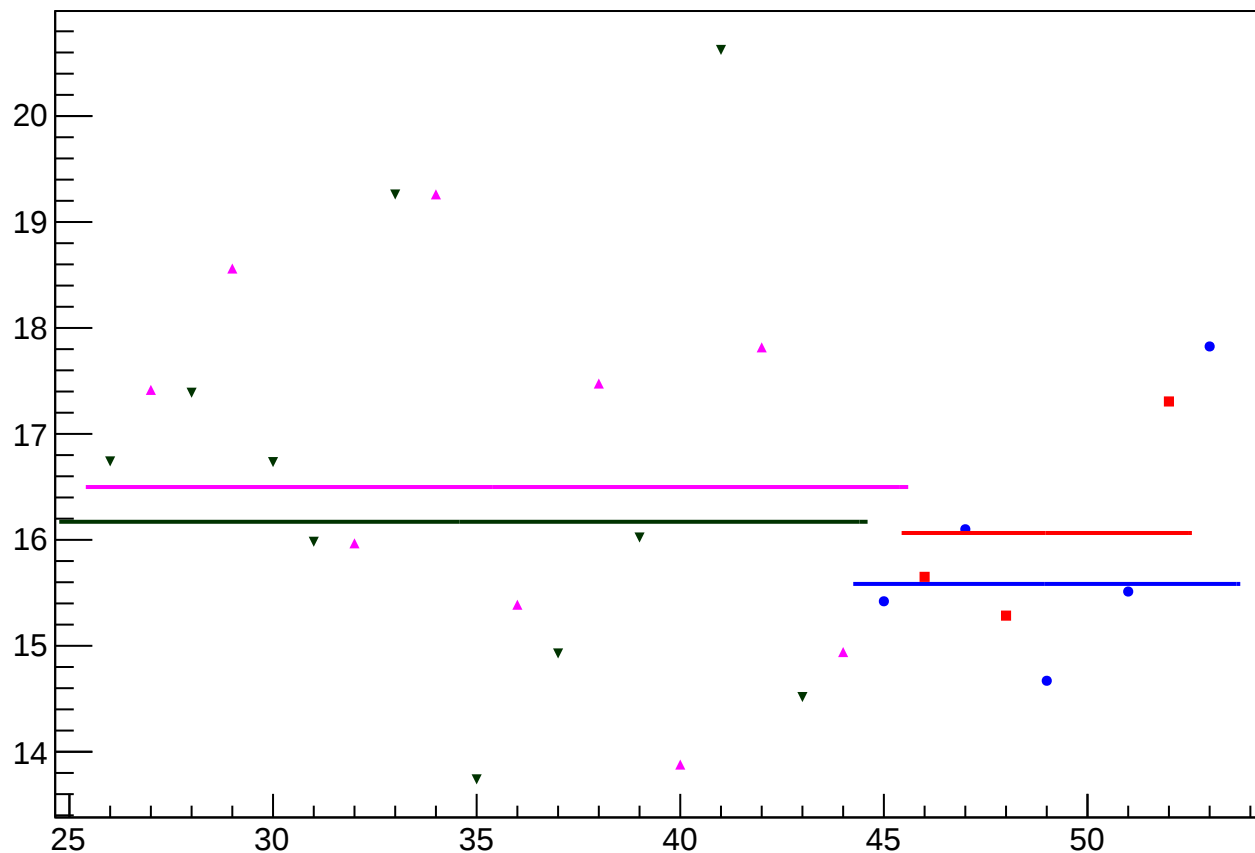
Right Out: 16.275+/-13.708 χ^2/NDF : 4.5/2

Left In: 7.378+/-7.251 χ^2/NDF : 11.0/8

-6.890+/-5.748 χ^2/NDF : 20.1/14

9.323+/-6.410 χ^2/NDF : 15.9/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.584 $\pm$ 0.007 χ^2 /NDF: 23291.8/4

Left Out: 16.171 $\pm$ 0.005 χ^2 /NDF: 128877.5/9

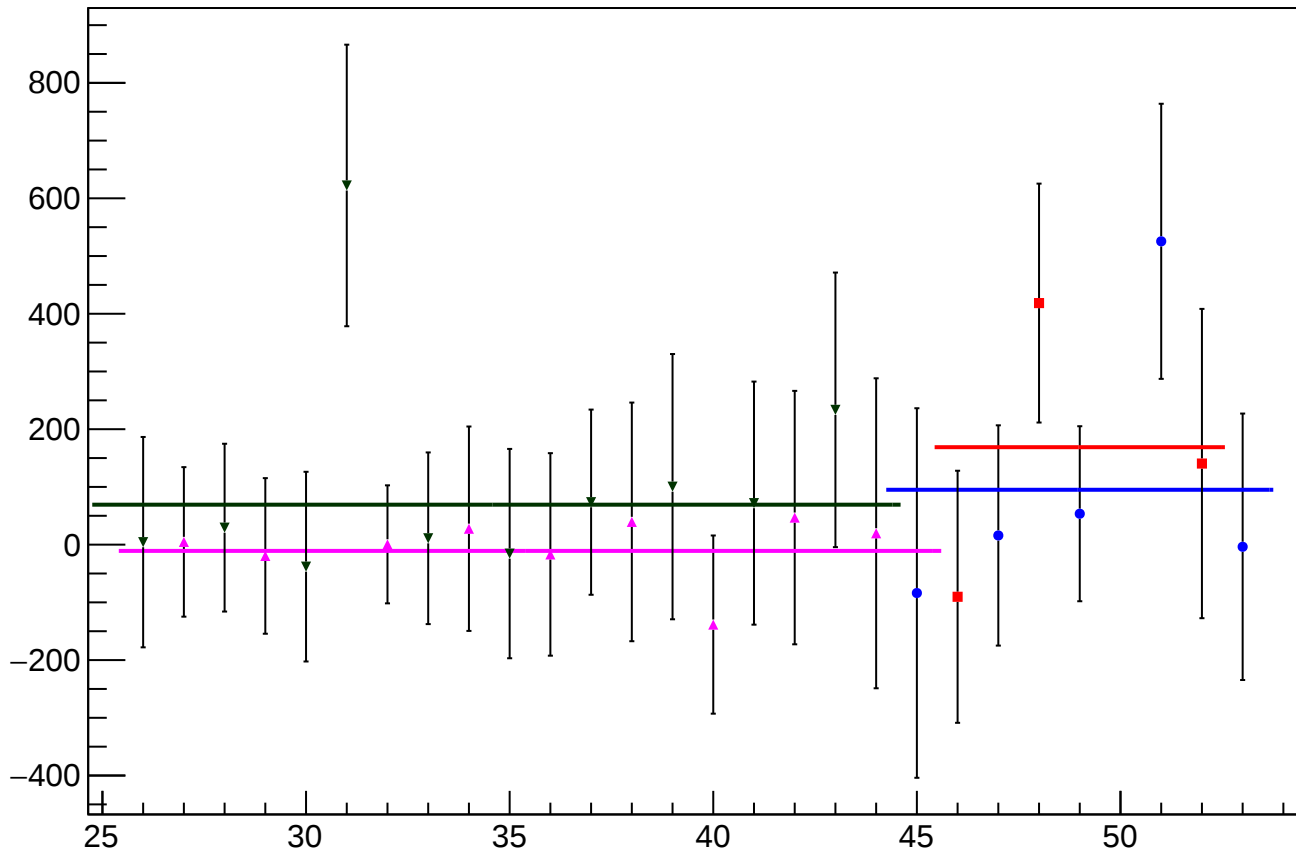
Right Out: 16.065 $\pm$ 0.010 χ^2 /NDF: 8030.0/2

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102844.5/8

15.942 $\pm$ 0.004 χ^2 /NDF: 157124.9/14

16.404 $\pm$ 0.005 χ^2 /NDF: 112439.5/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 95.059+/-92.407 χ^2/NDF : 4.0/4

Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

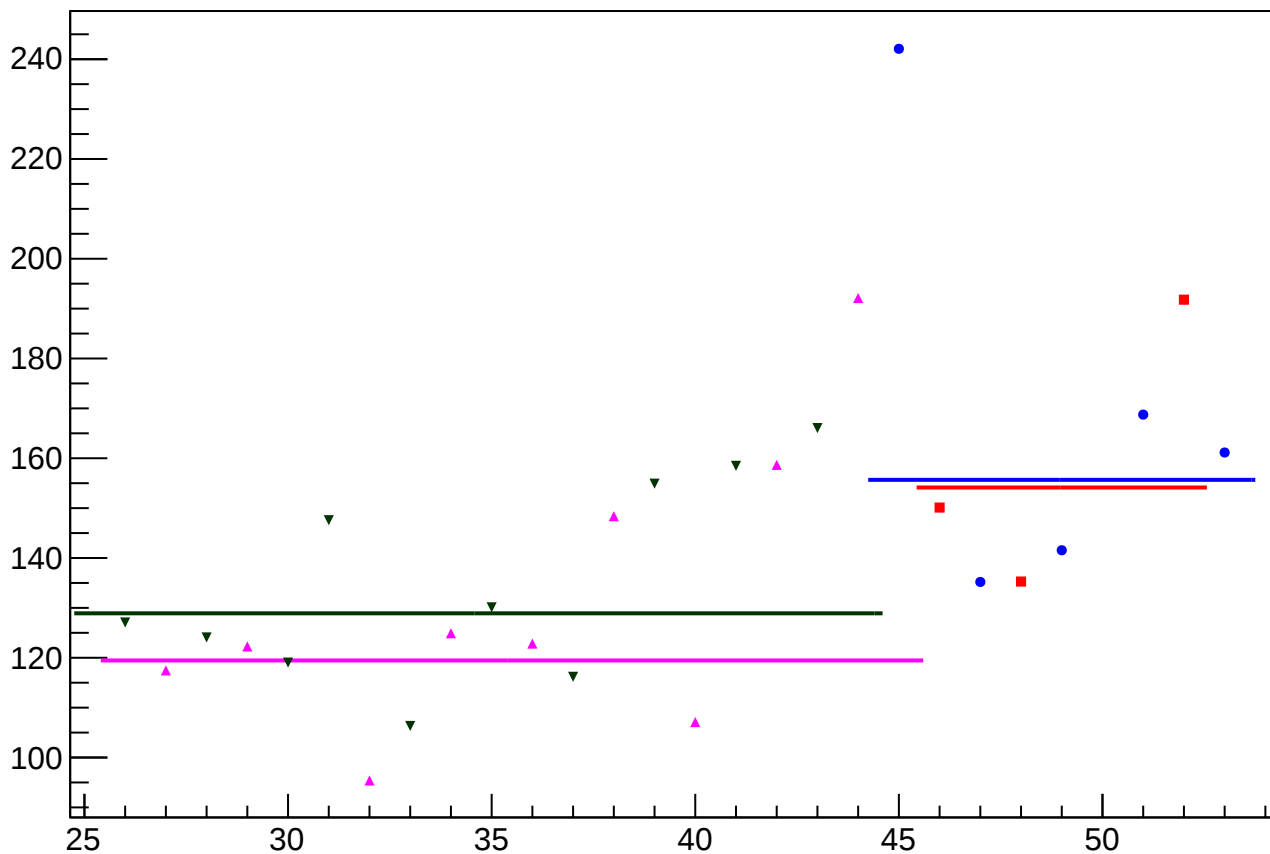
Right Out: 168.834+/-131.020 χ^2/NDF : 2.9/2

Left In: -10.837+/-51.660 χ^2/NDF : 0.9/8

76.394+/-48.676 χ^2/NDF : 10.7/14

13.337+/-48.059 χ^2/NDF : 5.4/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 155.672 ± 0.065 χ^2/NDF : 193250.0/4

Left Out: 128.912 ± 0.040 χ^2/NDF : 193953.6/9

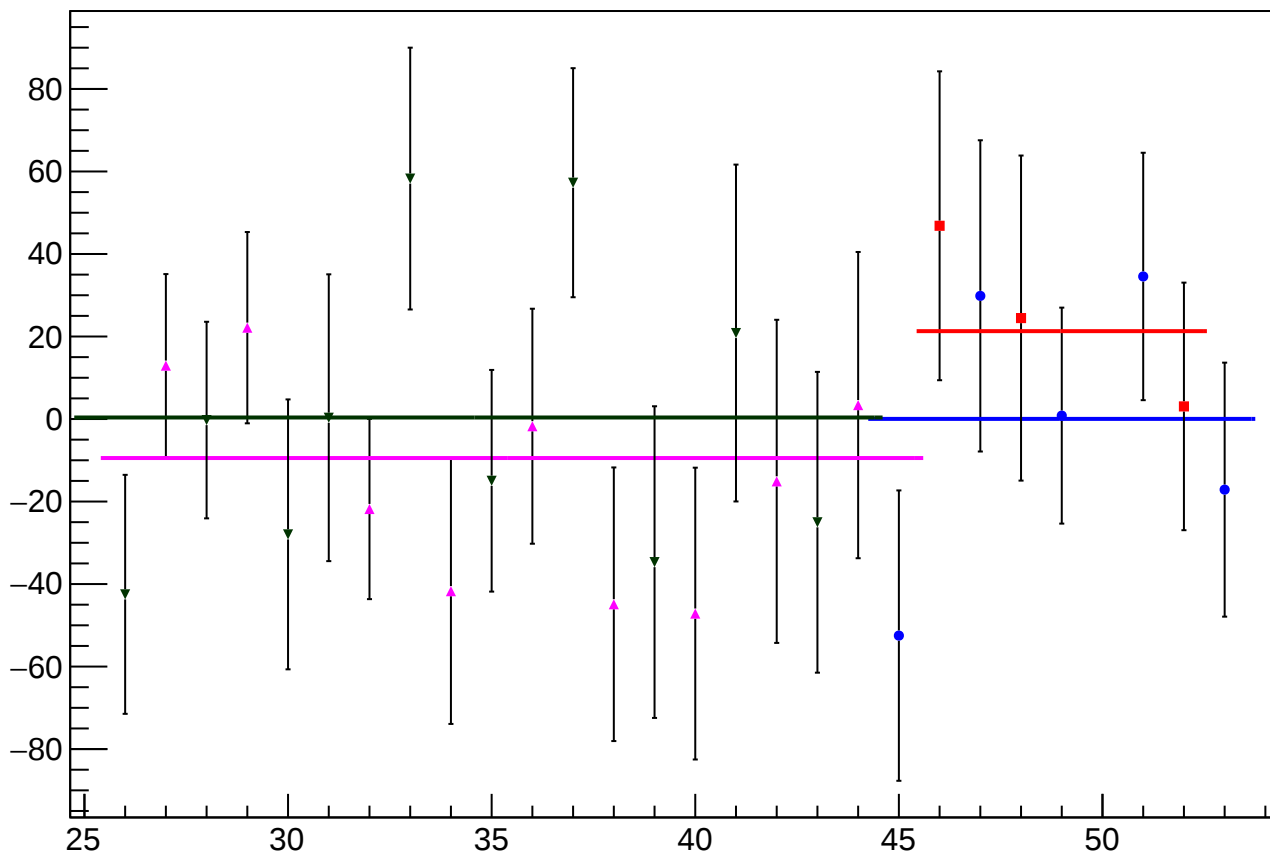
Right Out: 154.138 ± 0.093 χ^2/NDF : 56781.1/2

Left In: 119.459 ± 0.037 χ^2/NDF : 376971.9/8

136.337 ± 0.034 χ^2/NDF : 508395.5/14

124.125 ± 0.034 χ^2/NDF : 555015.5/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.032 $\pm$ 13.951 χ^2/NDF : 4.5/4

Left Out: 0.371 $\pm$ 9.784 χ^2/NDF :12.4/9

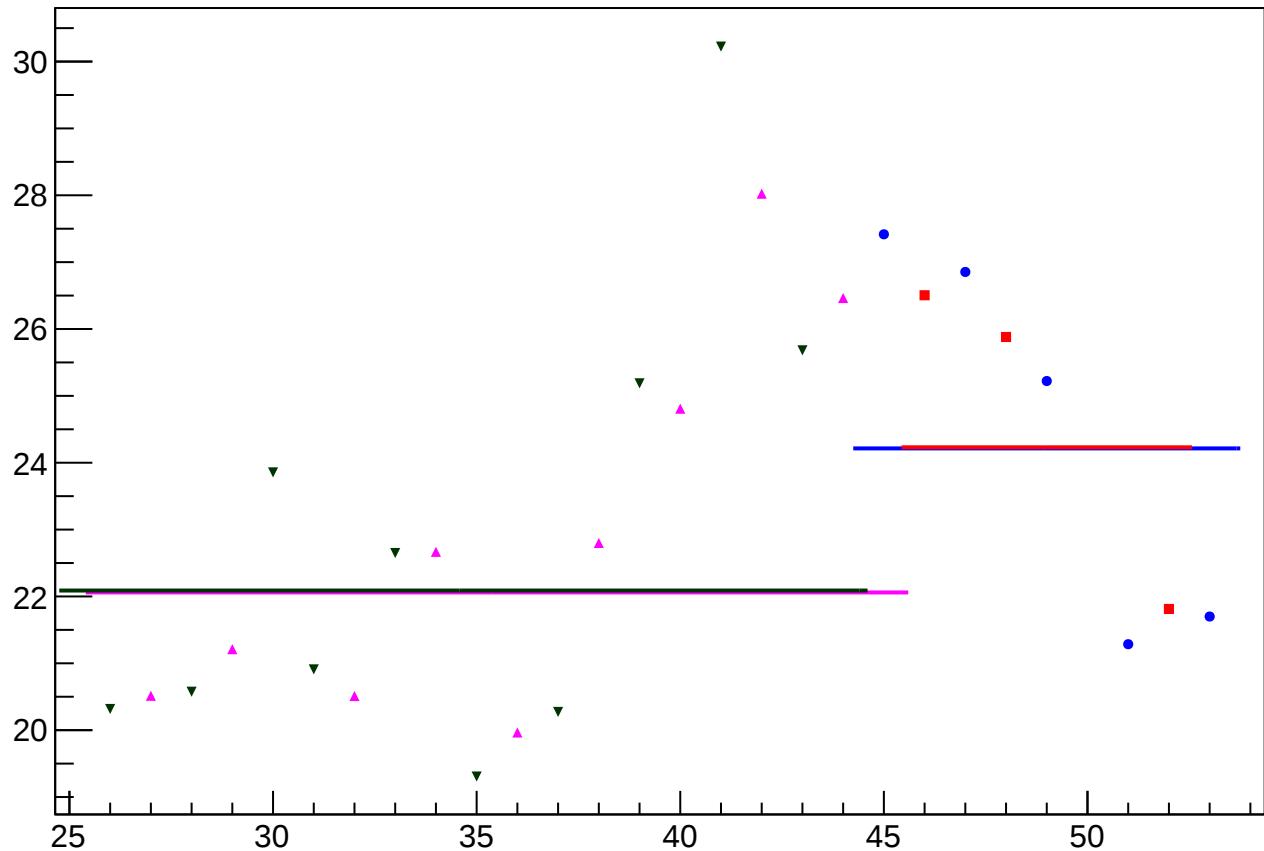
Right Out: 21.299 $\pm$ 20.125 χ^2/NDF : 0.8/2

Left In: -9.455 $\pm$ 9.419 χ^2/NDF :6.7/8

0.259 $\pm$ 8.011 χ^2/NDF : 16.9/14

-3.930 $\pm$ 8.531 χ^2/NDF : 9.5/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 24.214+/-0.010 χ^2/NDF : 61742.6/4

Left Out: 22.089+/-0.007 χ^2/NDF : 166634.7/9

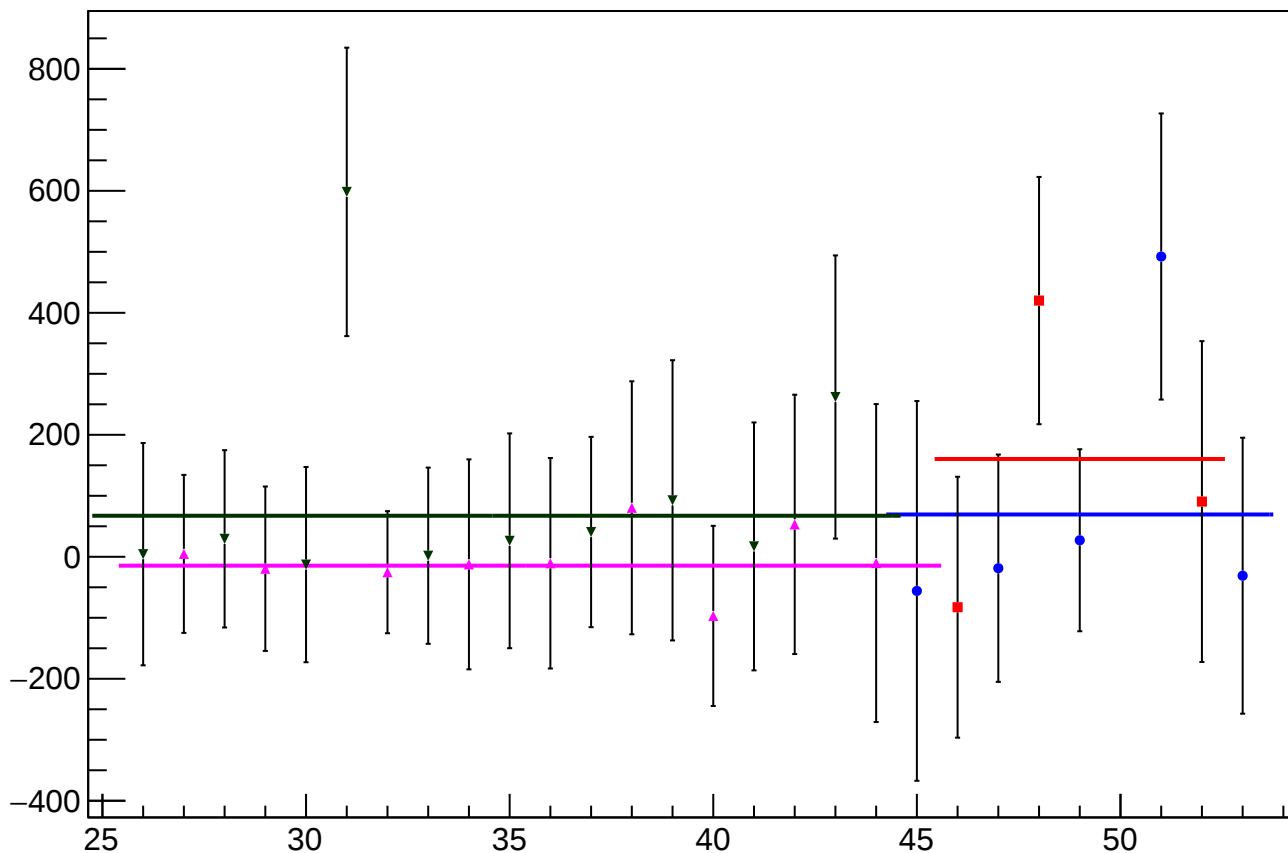
Right Out: 24.231+/-0.014 χ^2/NDF : 23881.7/2

Left In: 22.060+/-0.007 χ^2/NDF : 121596.3/8

22.789+/-0.006 χ^2/NDF : 259501.8/14

22.450+/-0.006 χ^2/NDF : 164567.3/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 69.363+/-90.633 χ^2/NDF : 3.9/4

Left Out: 67.277+/-56.136 χ^2/NDF : 6.5/9

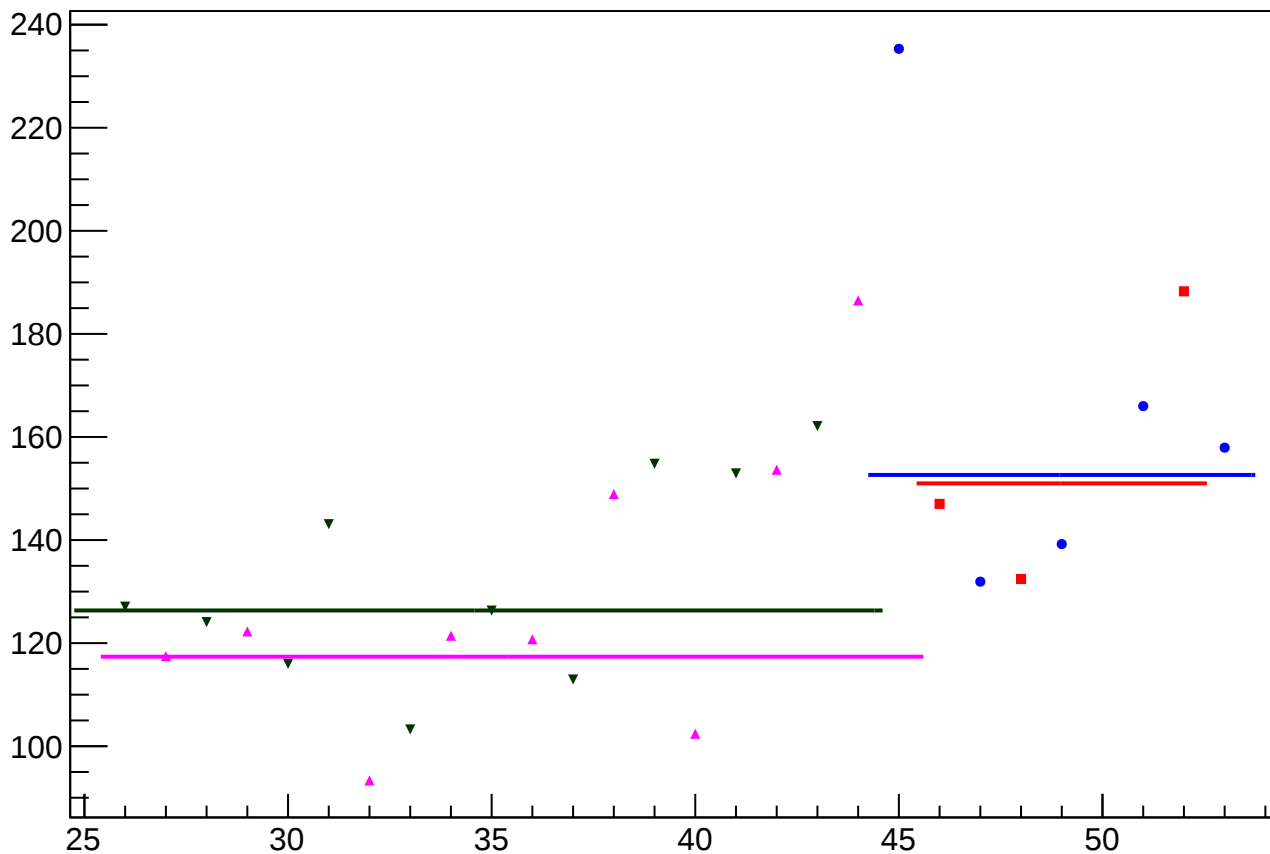
Right Out: 160.364+/-128.404 χ^2/NDF : 3.0/2

Left In: -14.555+/-50.783 χ^2/NDF : 0.7/8

67.855+/-47.723 χ^2/NDF : 10.5/14

9.104+/-47.224 χ^2/NDF : 5.3/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 152.637 $\pm$ 0.064 χ^2 /NDF: 189532.4/4

Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

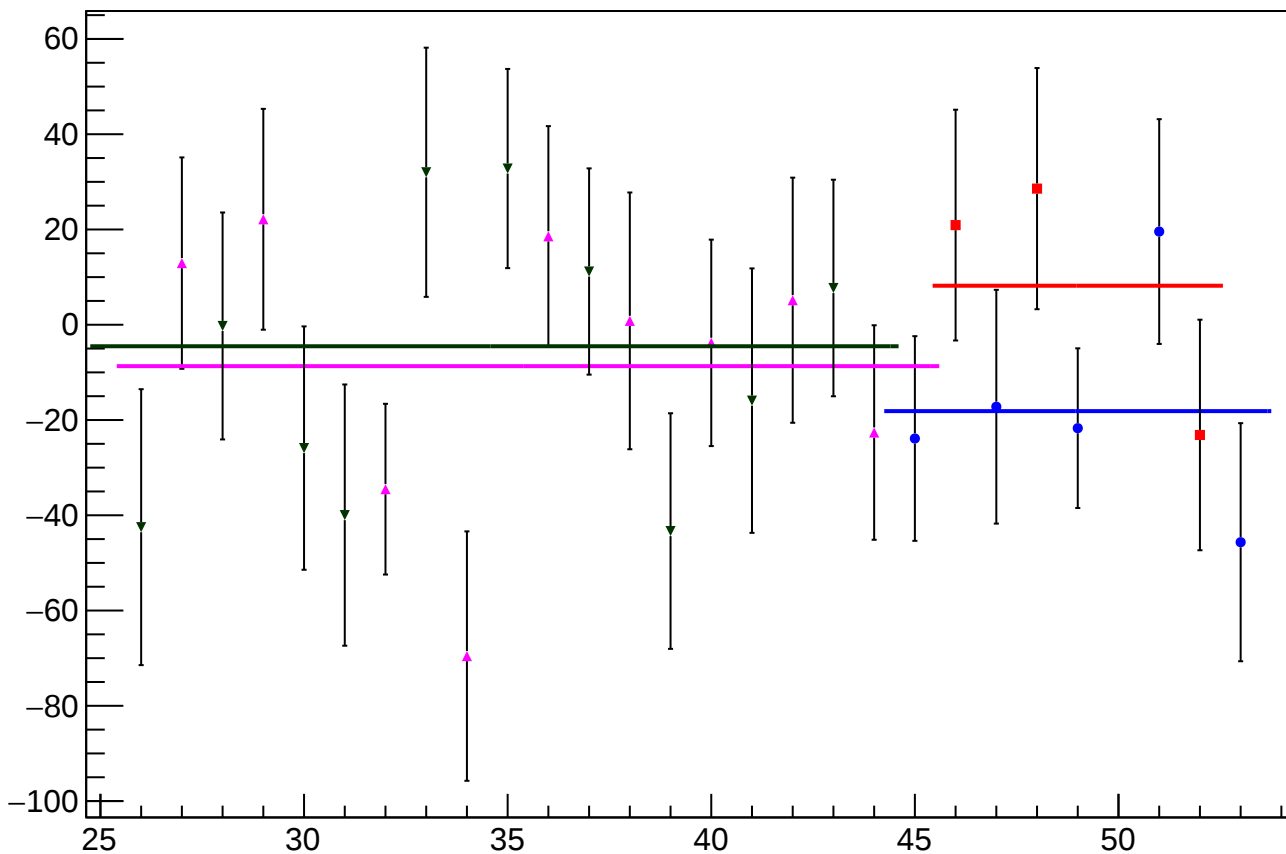
Right Out: 150.996 $\pm$ 0.091 χ^2 /NDF: 57599.9/2

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

133.629 $\pm$ 0.034 χ^2 /NDF: 508444.6/14

121.915 $\pm$ 0.033 χ^2 /NDF: 561656.4/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -18.134+/-9.630 χ^2/NDF : 3.9/4

Left Out: -4.516+/-7.770 χ^2/NDF : 12.7/9

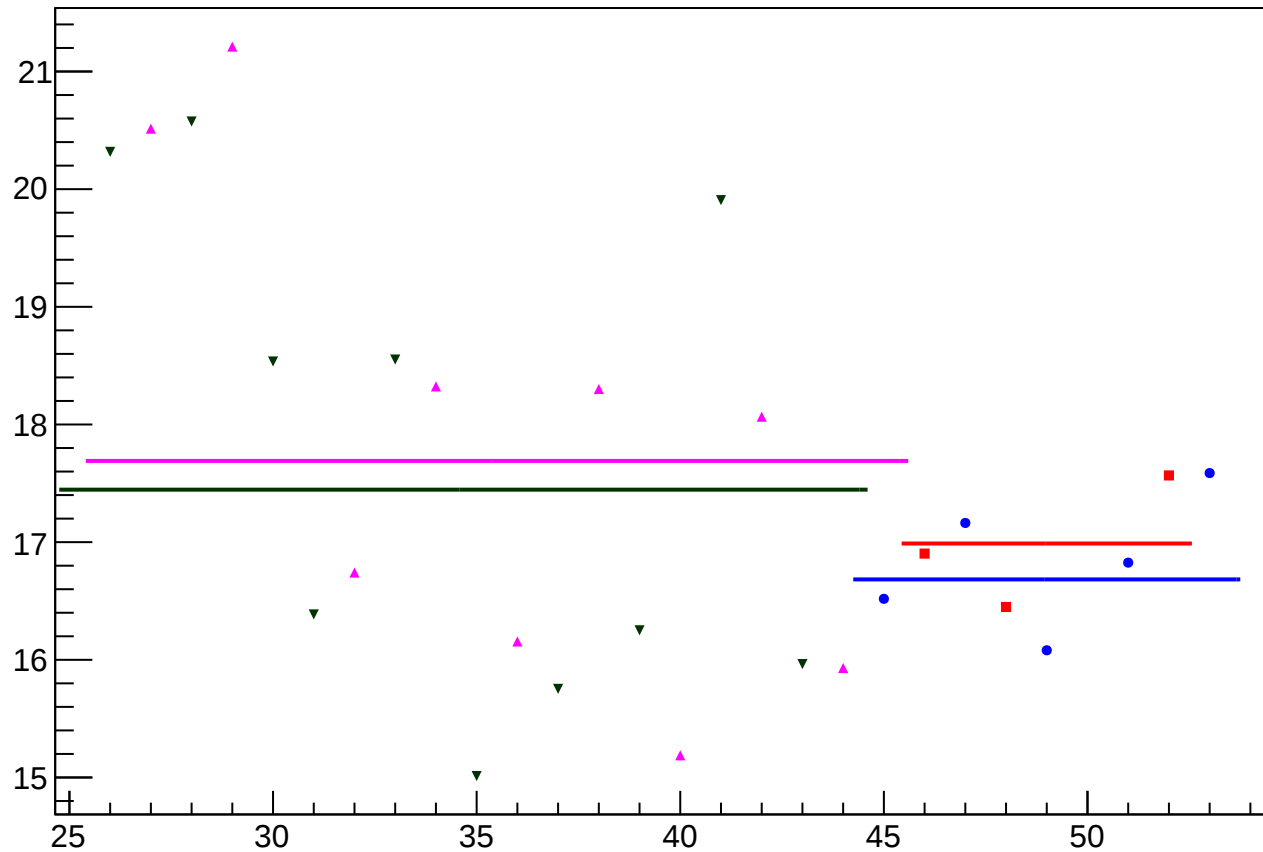
Right Out: 8.194+/-14.183 χ^2/NDF : 2.6/2

Left In: -8.691+/-7.598 χ^2/NDF : 12.4/8

-9.885+/-6.047 χ^2/NDF : 17.8/14

-4.926+/-6.697 χ^2/NDF : 16.1/11

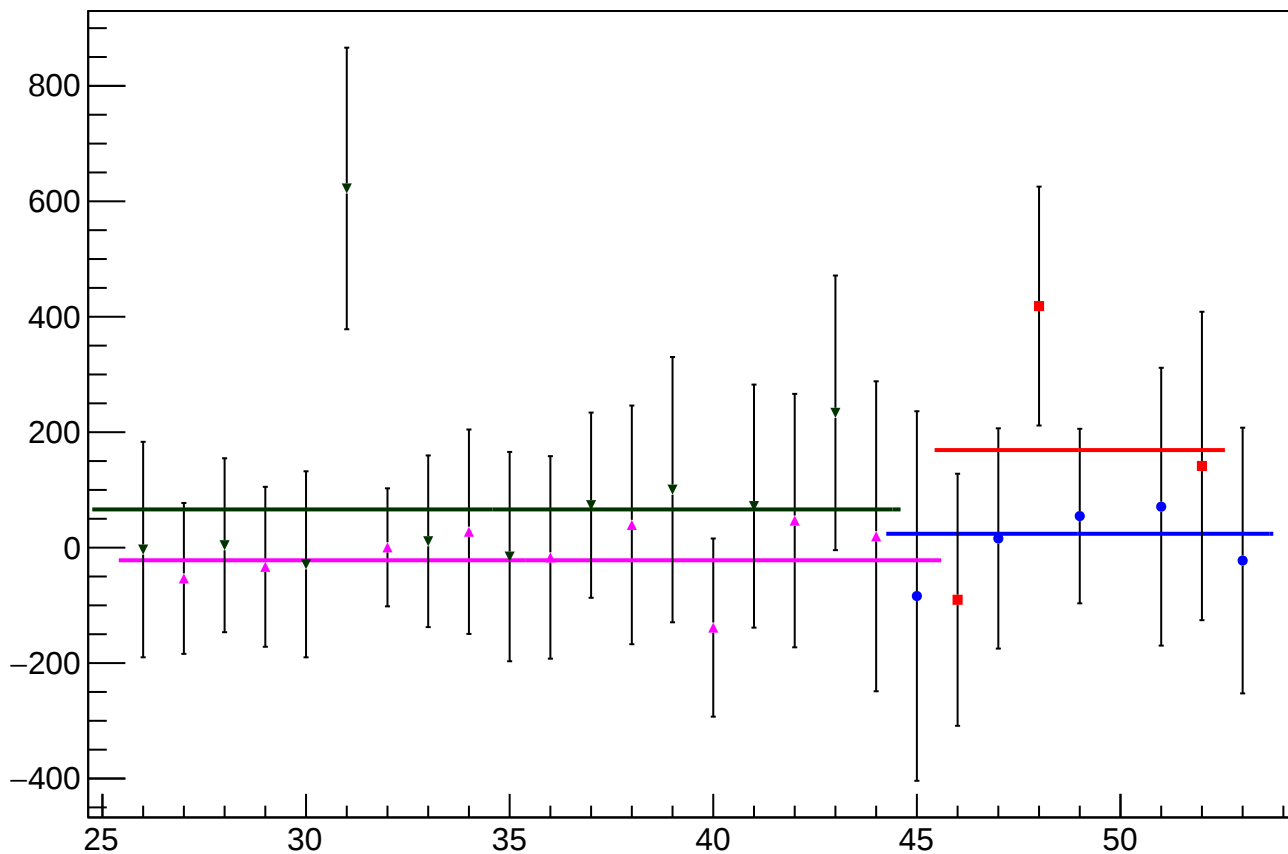
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.683 $\pm$ 0.007 χ^2 /NDF: 6154.2/4
 Left Out: 17.446 $\pm$ 0.005 χ^2 /NDF:132564.7/9
 Right Out: 16.988 $\pm$ 0.010 χ^2 /NDF: 2075.5/2
 Left In: 17.690 $\pm$ 0.005 χ^2 /NDF:134443.4/8

17.145 $\pm$ 0.004 χ^2 /NDF: 146319.9/14
 17.534 $\pm$ 0.005 χ^2 /NDF: 140325.0/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 24.035 $\pm$ 92.408 χ^2 /NDF: 0.2/4

Left Out: 66.207 $\pm$ 57.570 χ^2 /NDF: 6.7/9

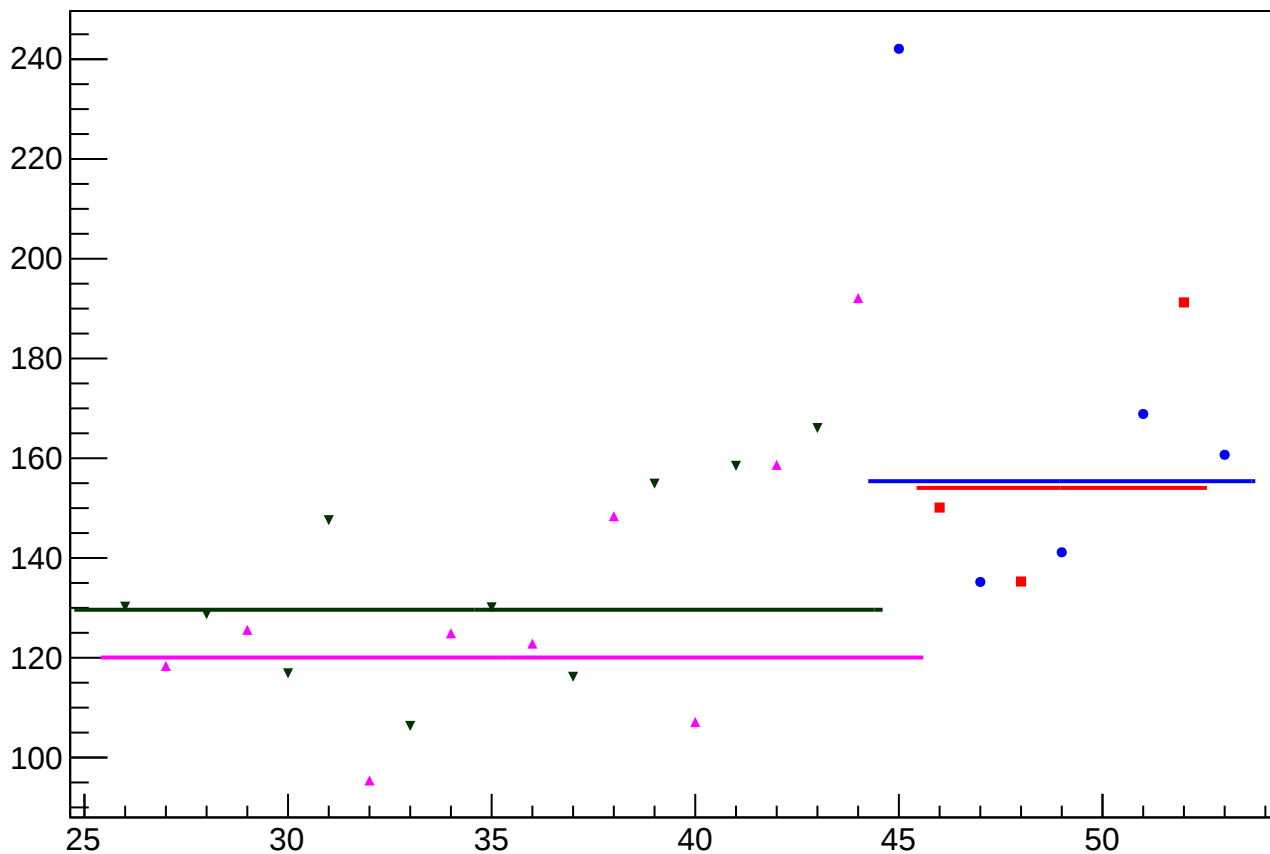
Right Out: 169.035 $\pm$ 130.932 χ^2 /NDF: 2.9/2

Left In: -21.892 $\pm$ 51.940 χ^2 /NDF: 1.0/8

54.416 $\pm$ 48.863 χ^2 /NDF: 7.1/14

4.068 $\pm$ 48.280 χ^2 /NDF: 5.7/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 155.401 $\pm$ 0.065 χ^2 /NDF: 194184.0/4

Left Out: 129.628 $\pm$ 0.041 χ^2 /NDF:195251.2/9

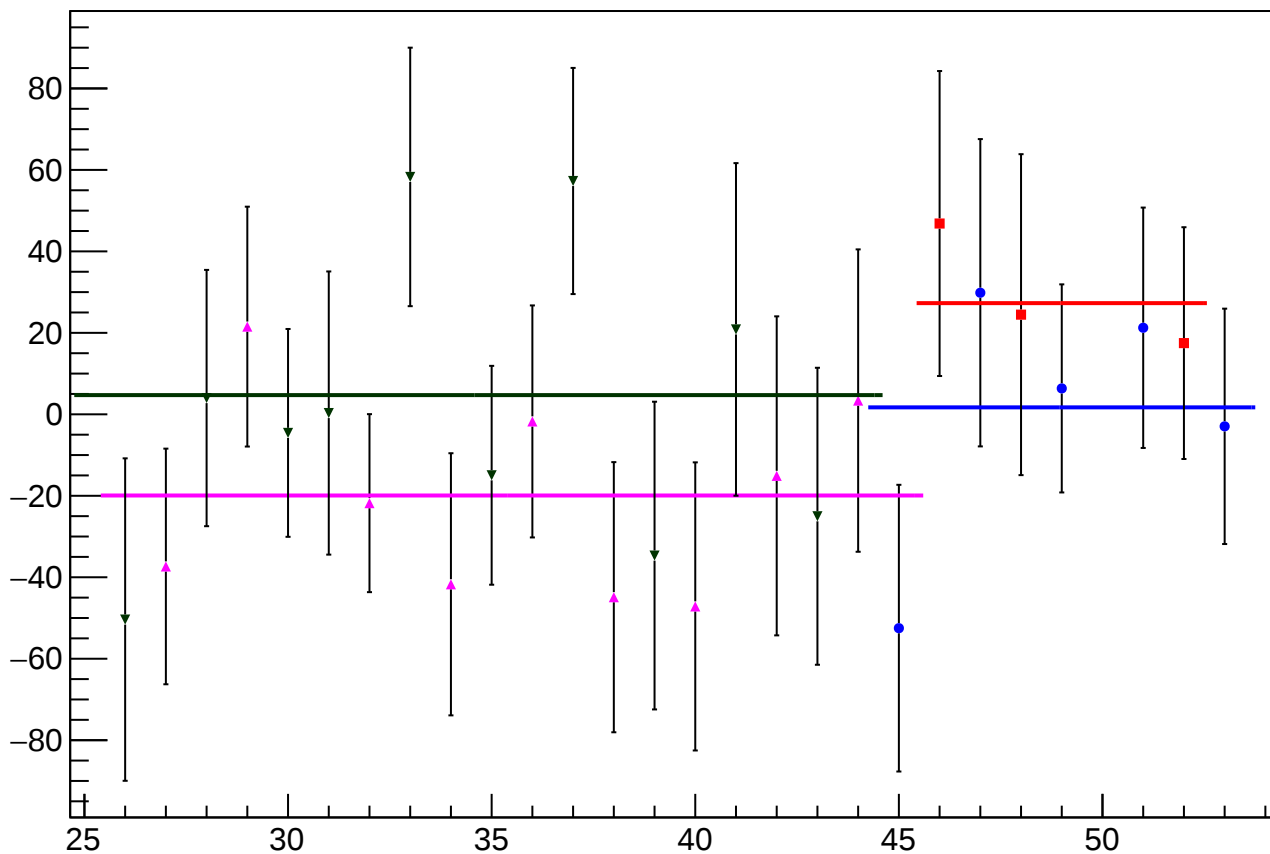
Right Out: 154.057 $\pm$ 0.093 χ^2 /NDF: 55856.8/2

Left In: 120.050 $\pm$ 0.037 χ^2 /NDF:379438.7/8

136.835 $\pm$ 0.035 χ^2 /NDF: 501512.6/14

124.674 $\pm$ 0.034 χ^2 /NDF: 551866.6/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 1.708±13.621 χ^2/NDF : 3.4/4

Left Out: 4.718±10.131 χ^2/NDF : 11.0/9

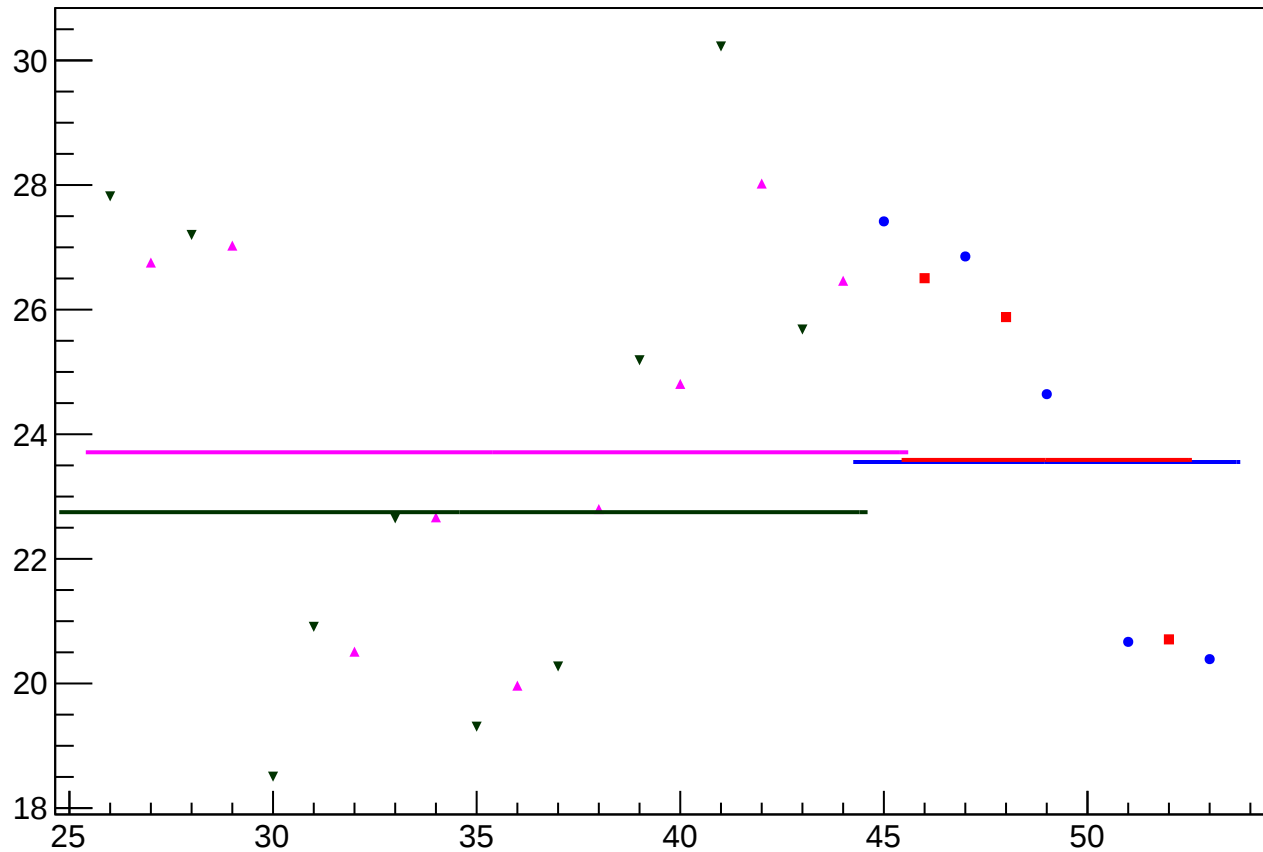
Right Out: 27.295±19.636 χ^2/NDF : 0.4/2

Left In: -19.927±10.138 χ^2/NDF : 4.8/8

3.646±8.129 χ^2/NDF : 14.4/14

-9.989±9.008 χ^2/NDF : 9.8/11

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.555 $\pm$ 0.010 χ^2 /NDF: 86144.5/4

Left Out: 22.750 $\pm$ 0.007 χ^2 /NDF:270884.7/9

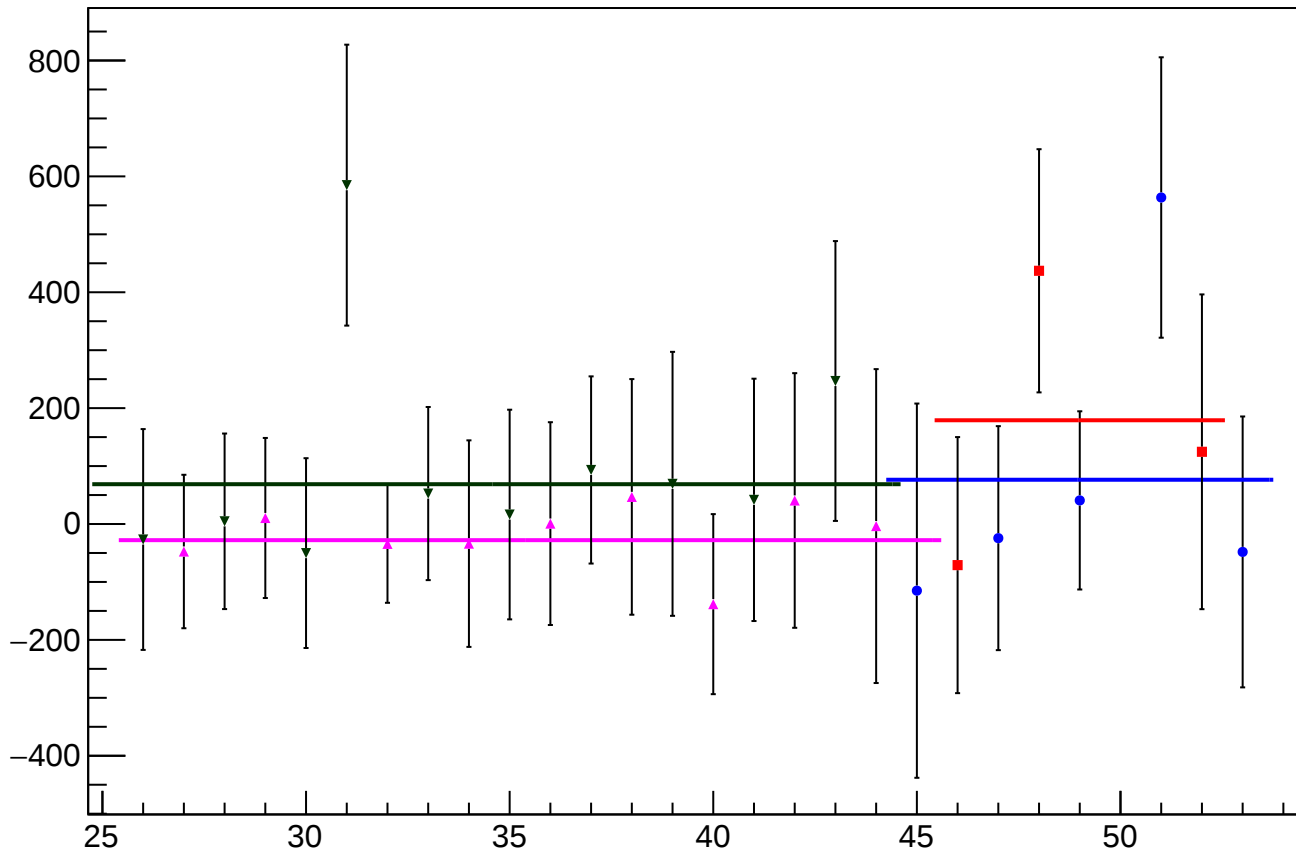
Right Out: 23.588 $\pm$ 0.014 χ^2 /NDF: 39416.0/2

Left In: 23.711 $\pm$ 0.007 χ^2 /NDF:165862.4/8

23.036 $\pm$ 0.006 χ^2 /NDF: 361528.1/14

23.685 $\pm$ 0.006 χ^2 /NDF: 205339.8/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 76.400+/-93.655 χ^2/NDF : 5.0/4

Left Out: 68.706+/-57.895 χ^2/NDF : 6.2/9

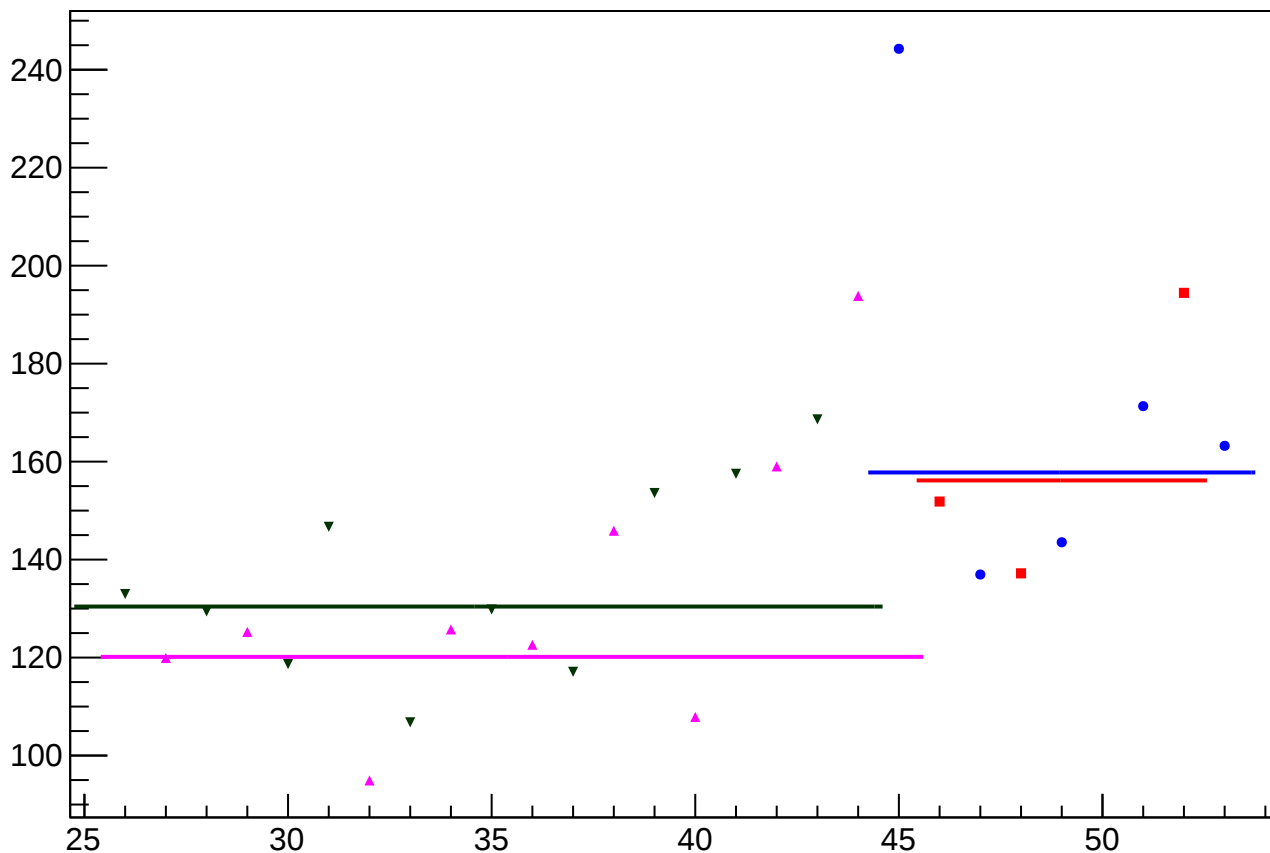
Right Out: 179.063+/-132.758 χ^2/NDF : 2.8/2

Left In: -27.878+/-51.982 χ^2/NDF : 0.9/8

70.833+/-49.245 χ^2/NDF : 11.2/14

-0.368+/-48.404 χ^2/NDF : 5.8/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 157.785+/-0.066 χ^2/NDF : 191153.0/4

Left Out: 130.416+/-0.041 χ^2/NDF : 187736.2/9

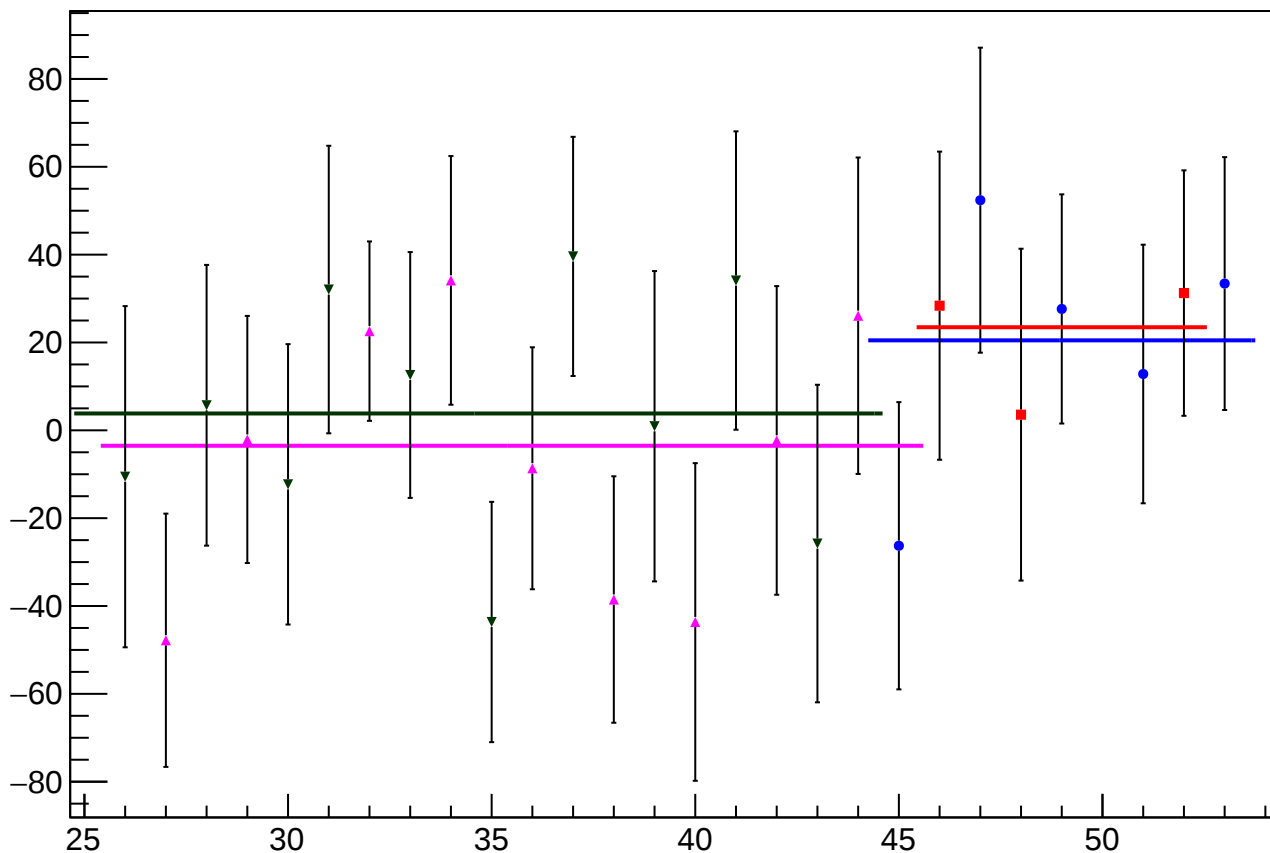
Right Out: 156.160+/-0.094 χ^2/NDF : 56834.4/2

Left In: 120.144+/-0.037 χ^2/NDF : 383139.4/8

137.983+/-0.035 χ^2/NDF : 502465.4/14

124.932+/-0.034 χ^2/NDF : 567604.5/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 20.485 $\pm$ 13.370 χ^2 /NDF: 3.2/4

Left Out: 3.838 $\pm$ 10.024 χ^2 /NDF: 7.4/9

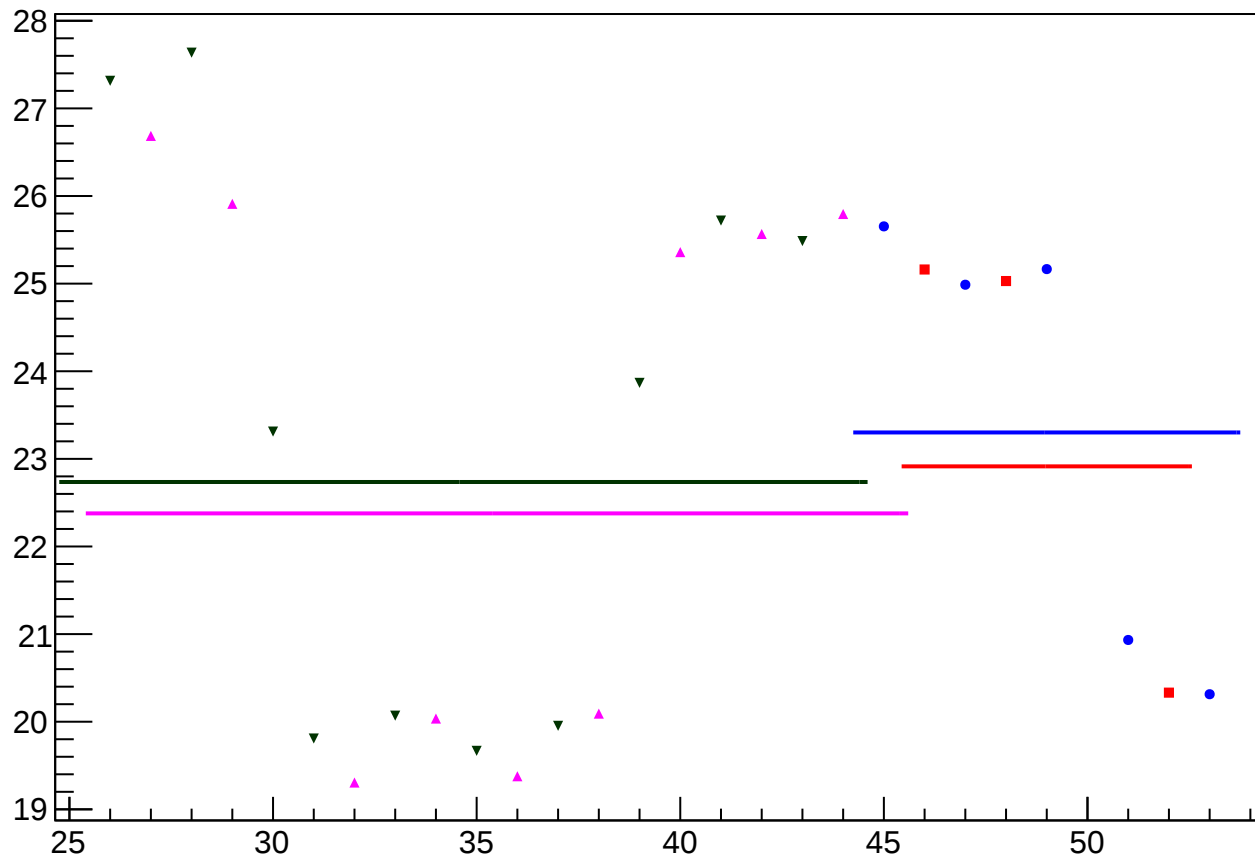
Right Out: 23.473 $\pm$ 18.918 χ^2 /NDF: 0.4/2

Left In: -3.515 $\pm$ 9.515 χ^2 /NDF: 9.3/8

9.828 $\pm$ 8.020 χ^2 /NDF: 11.7/14

1.934 $\pm$ 8.501 χ^2 /NDF: 11.3/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.301+/-0.009 χ^2/NDF : 59758.8/4

Left Out: 22.736+/-0.007 χ^2/NDF :184730.7/9

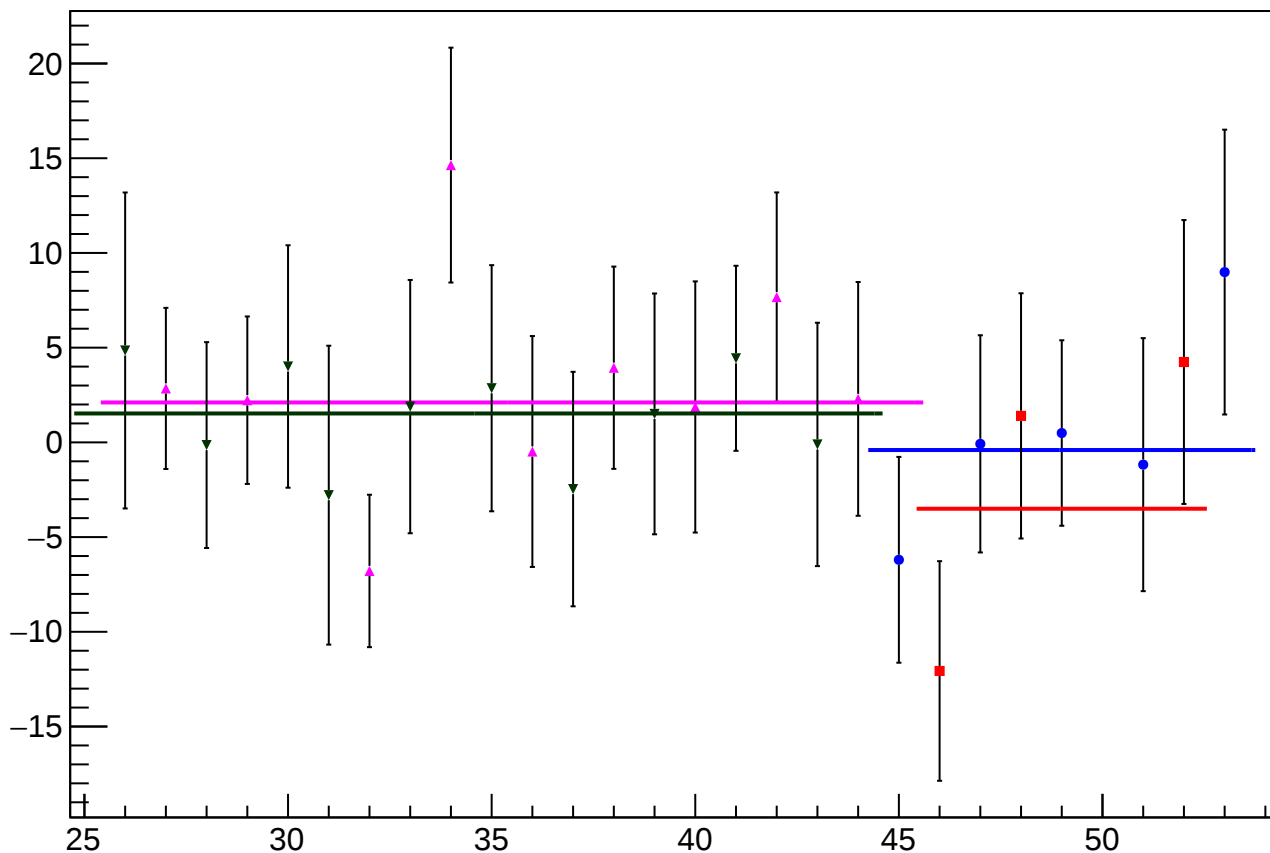
Right Out: 22.914+/-0.013 χ^2/NDF : 31559.1/2

Left In: 22.378+/-0.007 χ^2/NDF :220179.4/8

22.940+/-0.006 χ^2/NDF : 246778.6/14

22.486+/-0.006 χ^2/NDF : 253023.3/11

diff_bpm12X_mean vs slug



Right In: -0.405 ± 2.616 χ^2/NDF : 2.7/4

Left Out: 1.526 ± 1.993 χ^2/NDF : 1.6/9

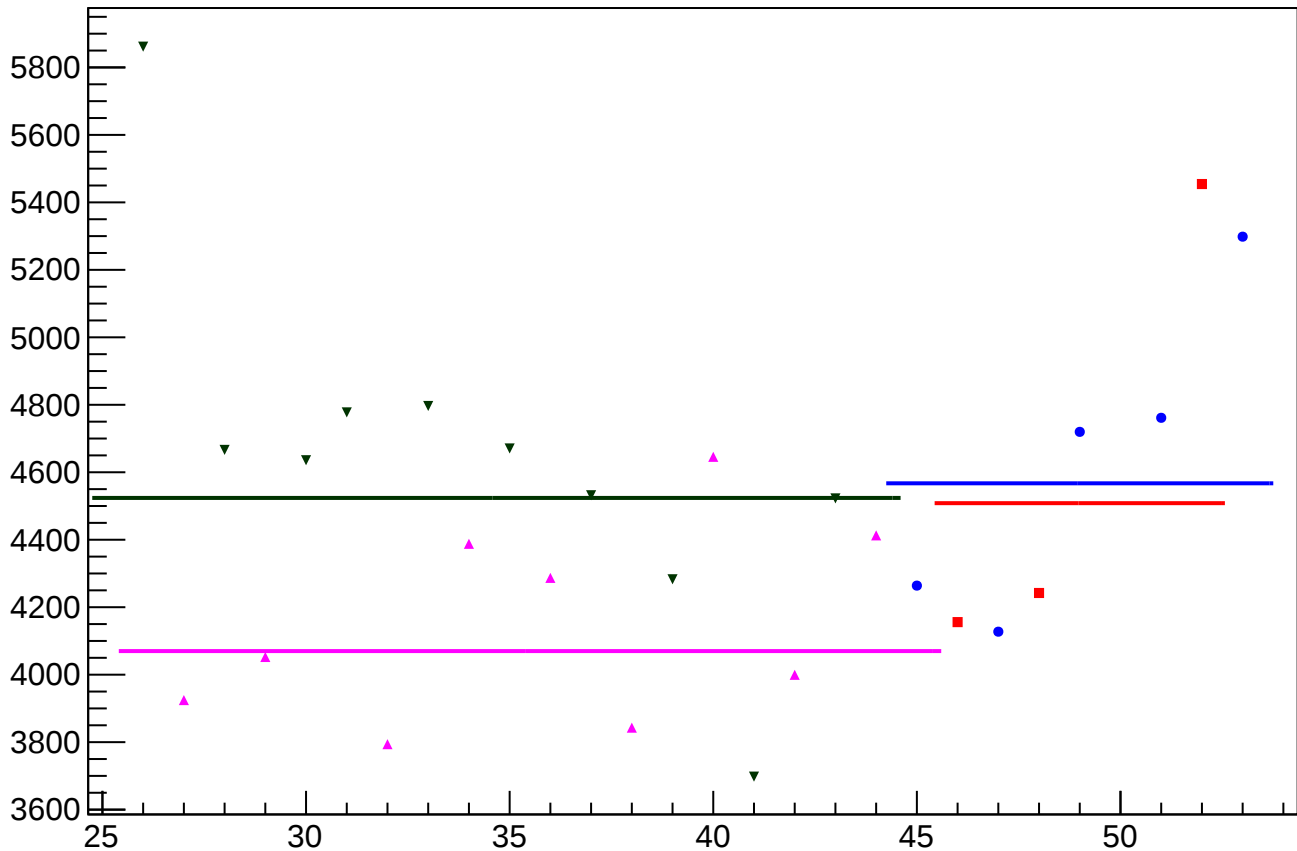
Right Out: -3.503 ± 3.742 χ^2/NDF : 3.8/2

Left In: 2.107 ± 1.720 χ^2/NDF : 10.3/8

0.817 ± 1.585 χ^2/NDF : 4.7/14

1.128 ± 1.563 χ^2/NDF : 16.0/11

diff_bpm12X_rms vs slug



Right In: 4567.253+/-1.850 χ^2/NDF : 40547.0/4

Left Out: 4523.929+/-1.409 χ^2/NDF :119939.0/9

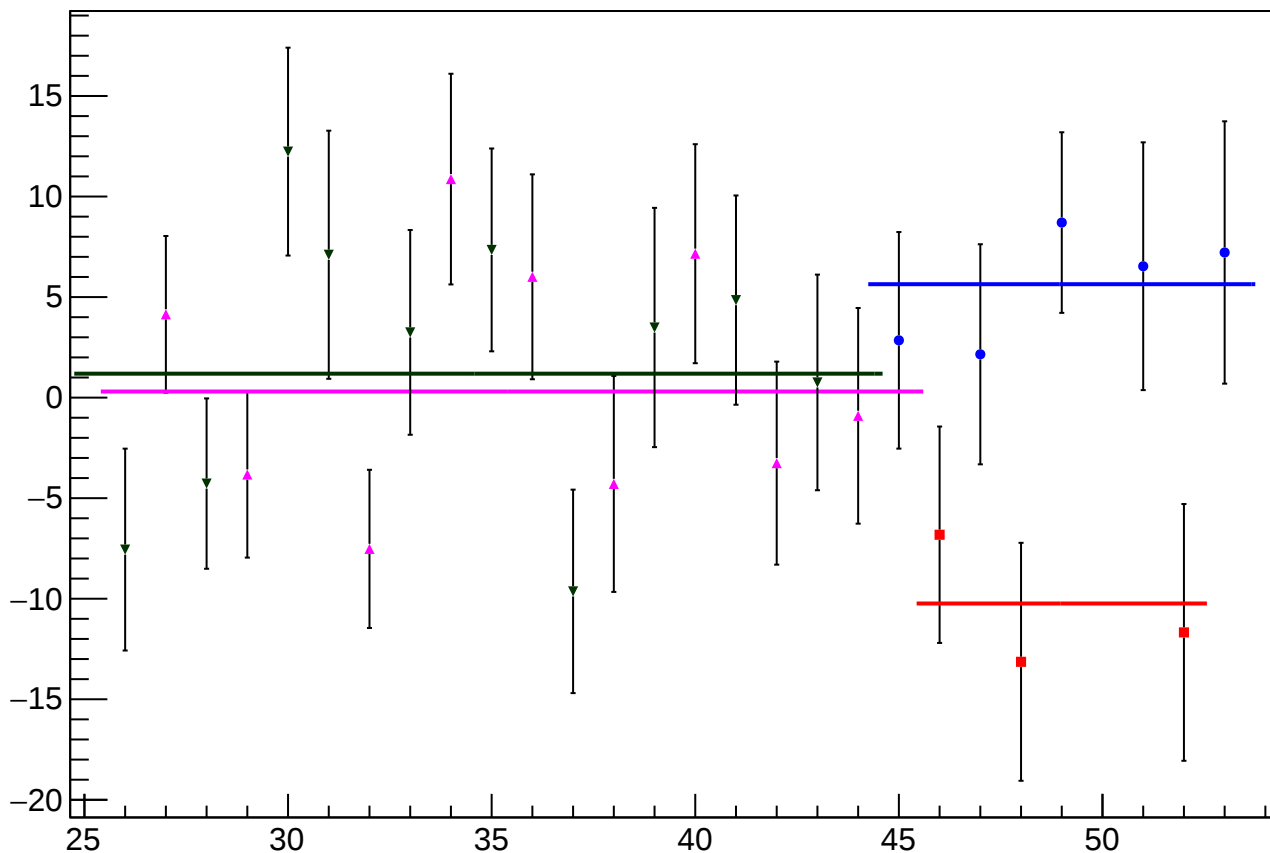
4539.839+/-1.121 χ^2/NDF : 160833.1/14

Right Out: 4508.409+/-2.646 χ^2/NDF : 42652.5/2

4146.438+/-1.105 χ^2/NDF : 110102.2/11

Left In: 4069.946+/-1.216 χ^2/NDF :44775.6/8

diff_bpm12Y_mean vs slug



Right In: 5.641 ± 2.445 χ^2/NDF : 1.2/4

Left Out: 1.191 ± 1.631 χ^2/NDF : 17.1/9

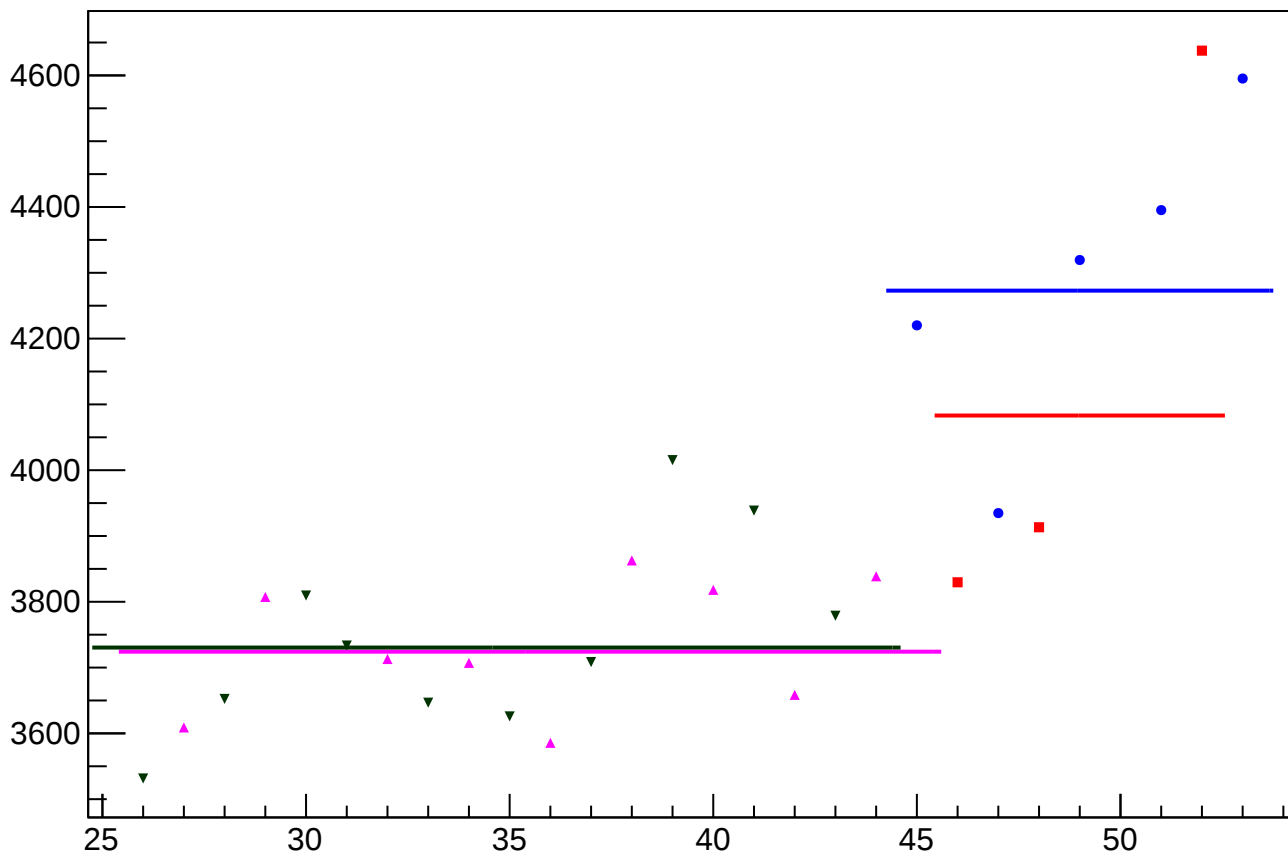
Right Out: -10.238 ± 3.378 χ^2/NDF : 0.7/2

Left In: 0.304 ± 1.568 χ^2/NDF : 14.1/8

2.561 ± 1.357 χ^2/NDF : 20.6/14

-1.566 ± 1.423 χ^2/NDF : 22.8/11

diff_bpm12Y_rms vs slug



Right In: 4272.892 ± 1.729 χ^2/NDF : 13716.5/4

Left Out: 3730.451 ± 1.153 χ^2/NDF : 13680.1/9

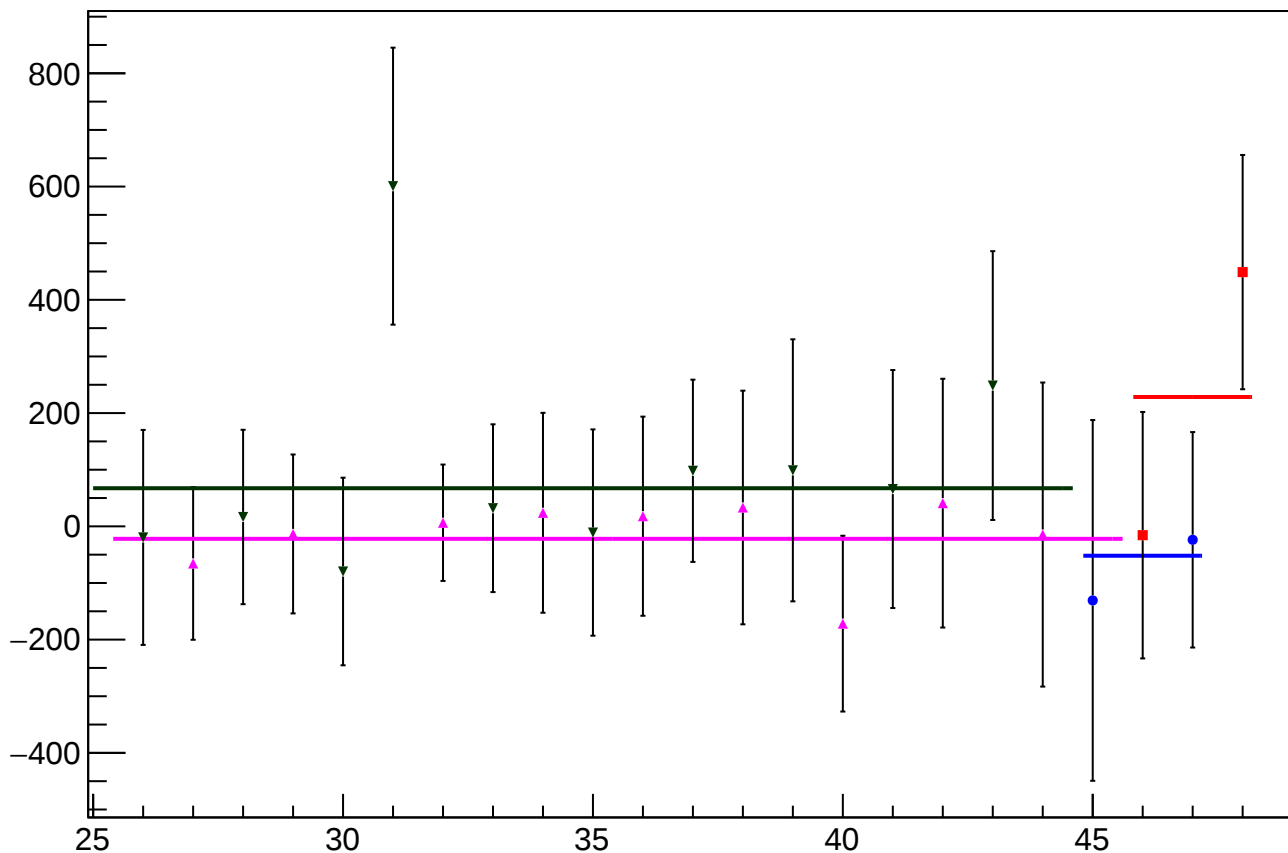
Right Out: 4083.079 ± 2.389 χ^2/NDF : 21176.0/2

Left In: 3724.161 ± 1.109 χ^2/NDF : 7251.9/8

3897.489 ± 0.959 χ^2/NDF : 95544.6/14

3787.818 ± 1.006 χ^2/NDF : 47002.8/11

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892+/-163.313 χ^2/NDF : 0.1/1

Left Out: 67.330+/-58.072 χ^2/NDF : 6.7/9

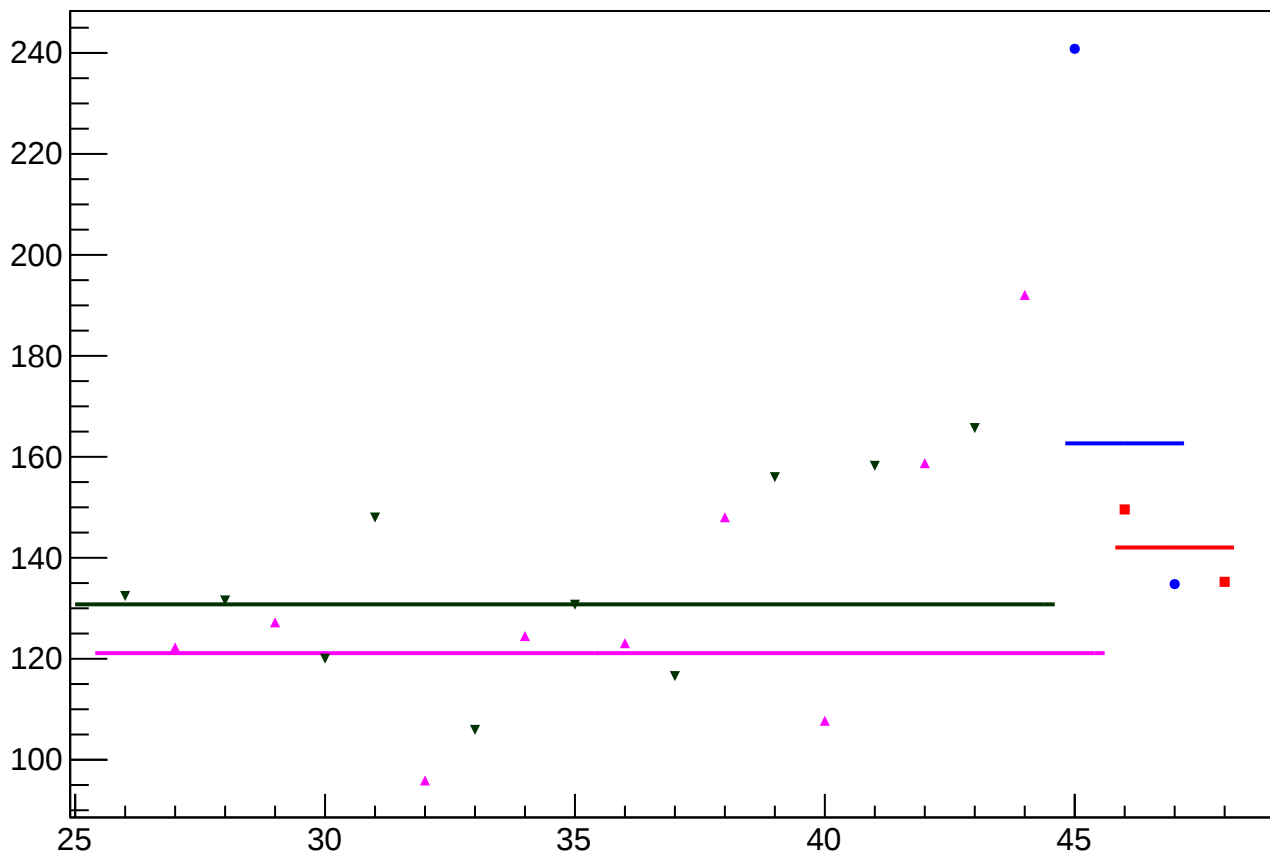
Right Out: 228.420+/-149.918 χ^2/NDF : 2.4/1

Left In: -22.052+/-52.367 χ^2/NDF : 1.4/8

53.948+/-54.715 χ^2/NDF : 7.3/11

5.186+/-49.438 χ^2/NDF : 6.3/10

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 162.670 $\pm$ 0.115 χ^2 /NDF: 163356.1/1

Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

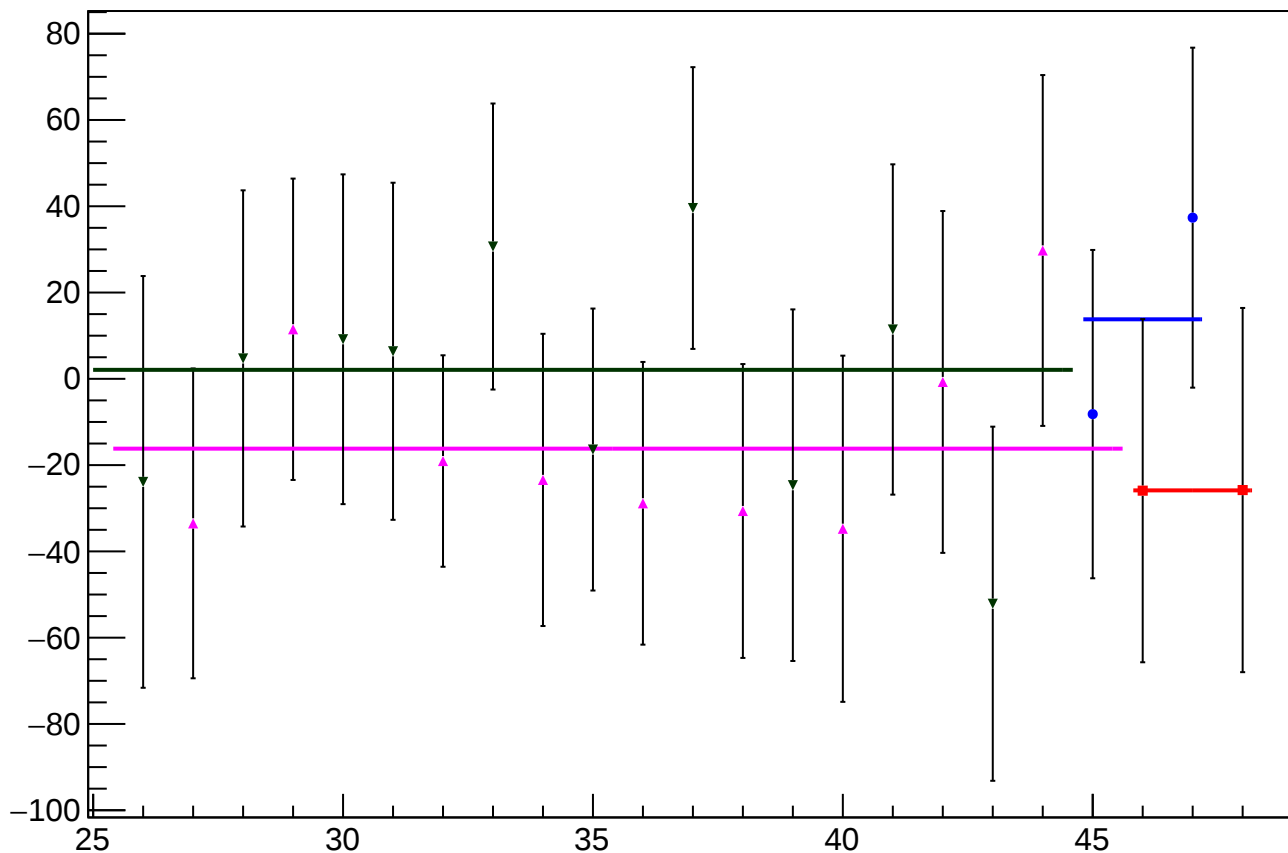
Right Out: 142.046 $\pm$ 0.106 χ^2 /NDF: 4558.7/1

Left In: 121.118 $\pm$ 0.037 χ^2 /NDF: 372780.0/8

134.362 $\pm$ 0.039 χ^2 /NDF: 422651.0/11

123.394 $\pm$ 0.035 χ^2 /NDF: 412075.4/10

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 13.794 $\pm$ 27.373 χ^2 /NDF: 0.7/1

Left Out: 2.082 $\pm$ 11.868 χ^2 /NDF: 5.0/9

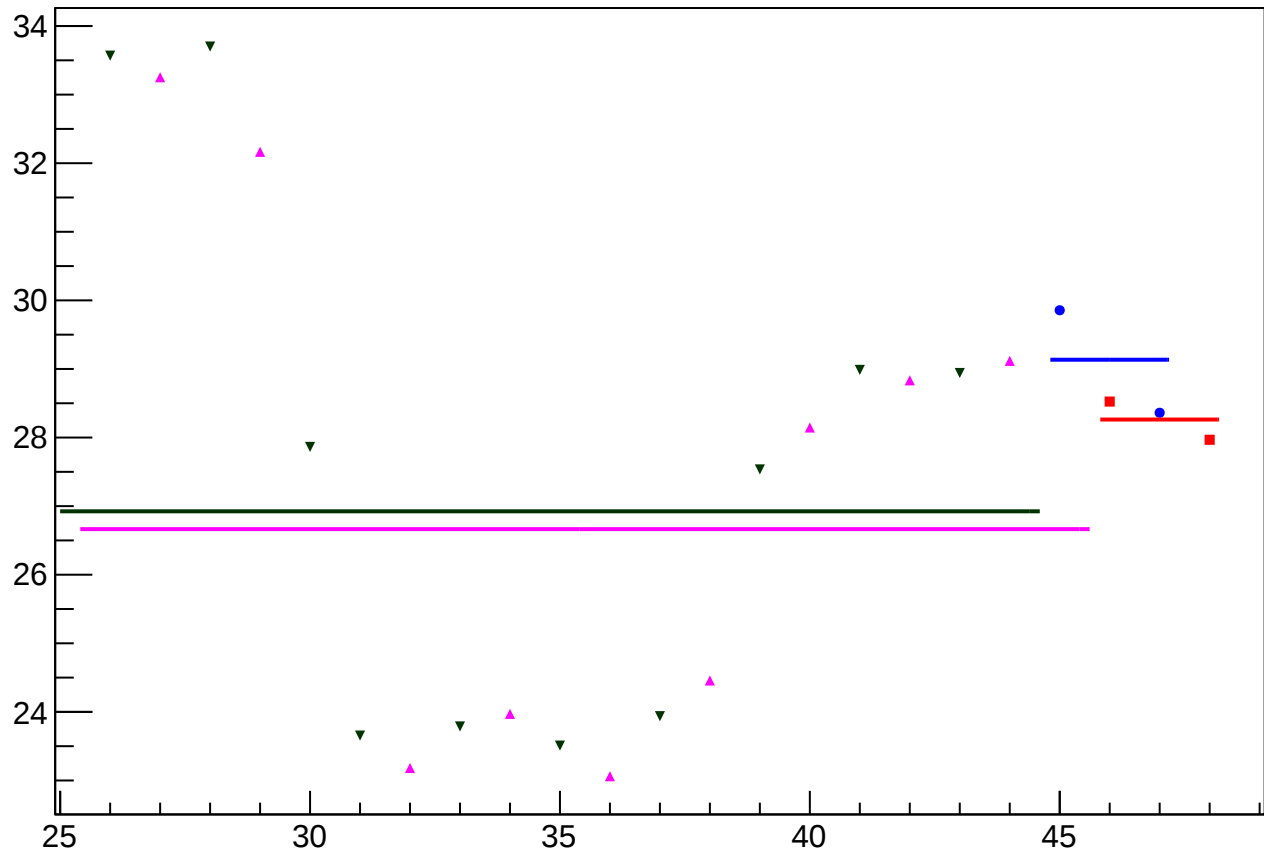
Right Out: -25.859 $\pm$ 28.950 χ^2 /NDF: 0.0/1

Left In: -16.185 $\pm$ 11.331 χ^2 /NDF: 2.9/8

3.935 $\pm$ 10.889 χ^2 /NDF: 5.8/11

-17.470 $\pm$ 10.552 χ^2 /NDF: 3.0/10

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.135 $\pm$ 0.019 χ^2/NDF : 1488.9/1

Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

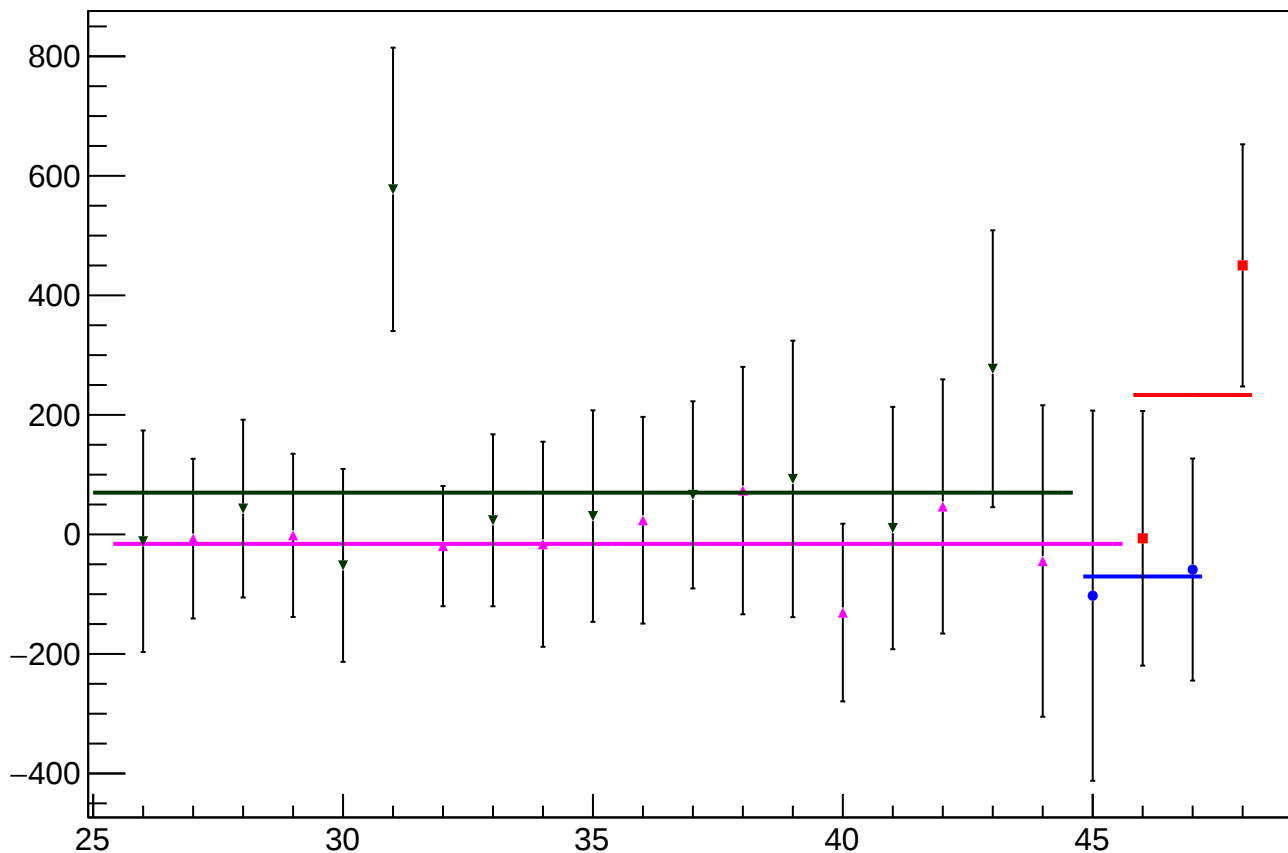
Right Out: 28.263 $\pm$ 0.020 χ^2/NDF : 184.5/1

Left In: 26.665 $\pm$ 0.008 χ^2/NDF : 218549.2/8

27.274 $\pm$ 0.008 χ^2/NDF : 194508.6/11

26.877 $\pm$ 0.007 χ^2/NDF : 224016.6/10

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -70.409 $\pm$ 159.306 χ^2 /NDF: 0.0/1

Left Out: 69.878 $\pm$ 56.508 χ^2 /NDF:6.4/9

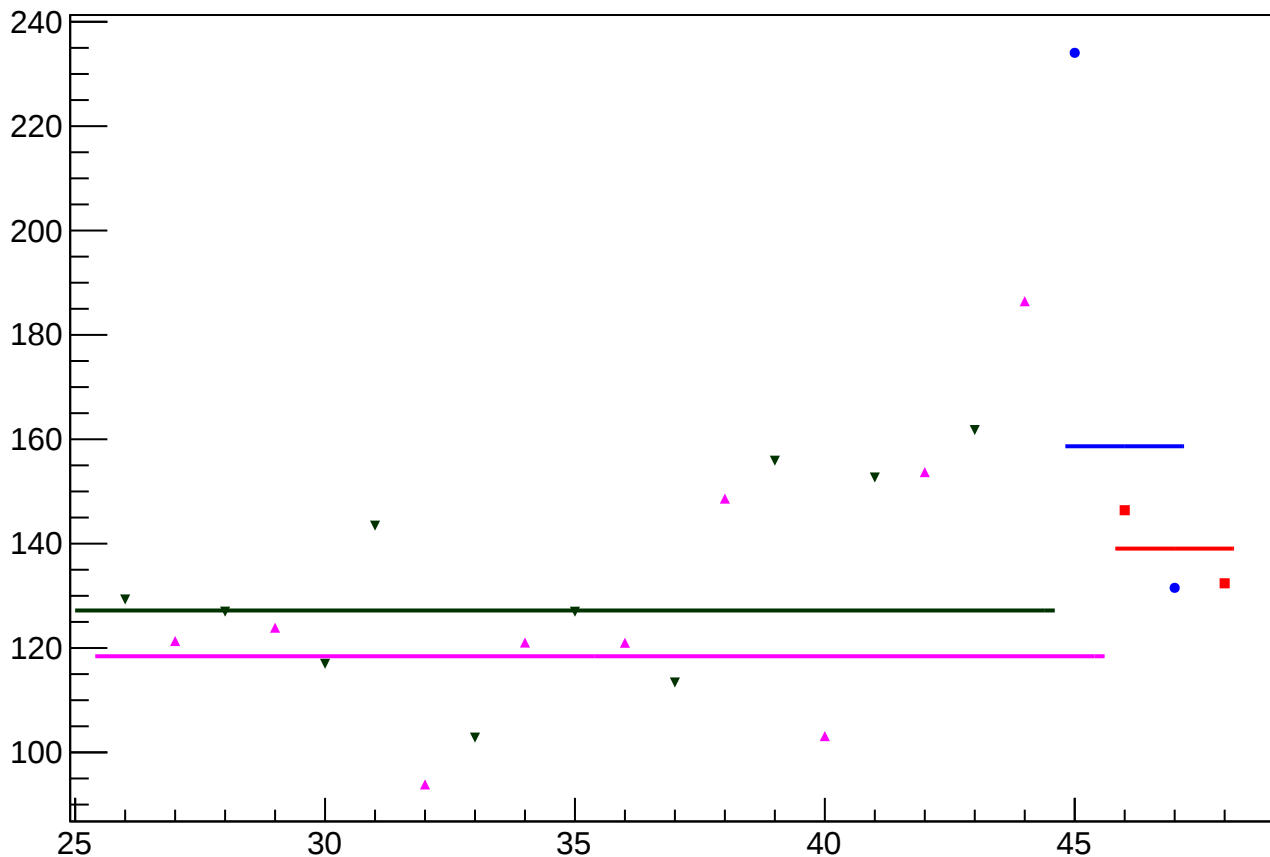
Right Out: 233.286 $\pm$ 146.812 χ^2 /NDF: 2.4/1

Left In: -15.757 $\pm$ 51.209 χ^2 /NDF:1.0/8

54.200 $\pm$ 53.257 χ^2 /NDF: 7.1/11

11.256 $\pm$ 48.352 χ^2 /NDF: 5.9/10

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 158.659+/-0.113 χ^2/NDF : 161176.8/1

Left Out: 127.192+/-0.040 χ^2/NDF : 197485.8/9

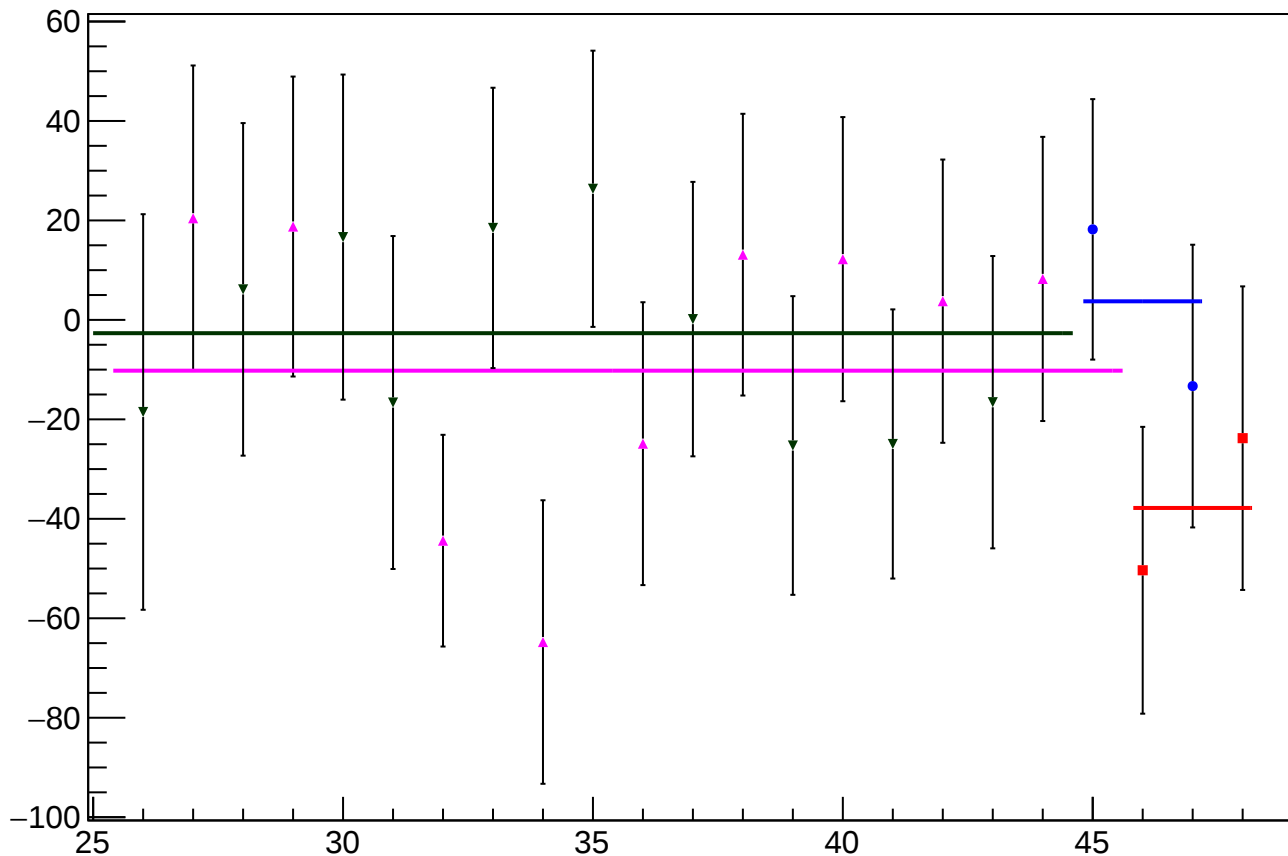
Right Out: 139.049+/-0.104 χ^2/NDF : 4539.5/1

Left In: 118.423+/-0.036 χ^2/NDF : 379462.7/8

130.709+/-0.038 χ^2/NDF : 427973.9/11

120.660+/-0.034 χ^2/NDF : 419196.2/10

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 3.735+/-19.260 χ^2 /NDF: 0.7/1

Left Out: -2.673+/-9.598 χ^2 /NDF:3.9/9

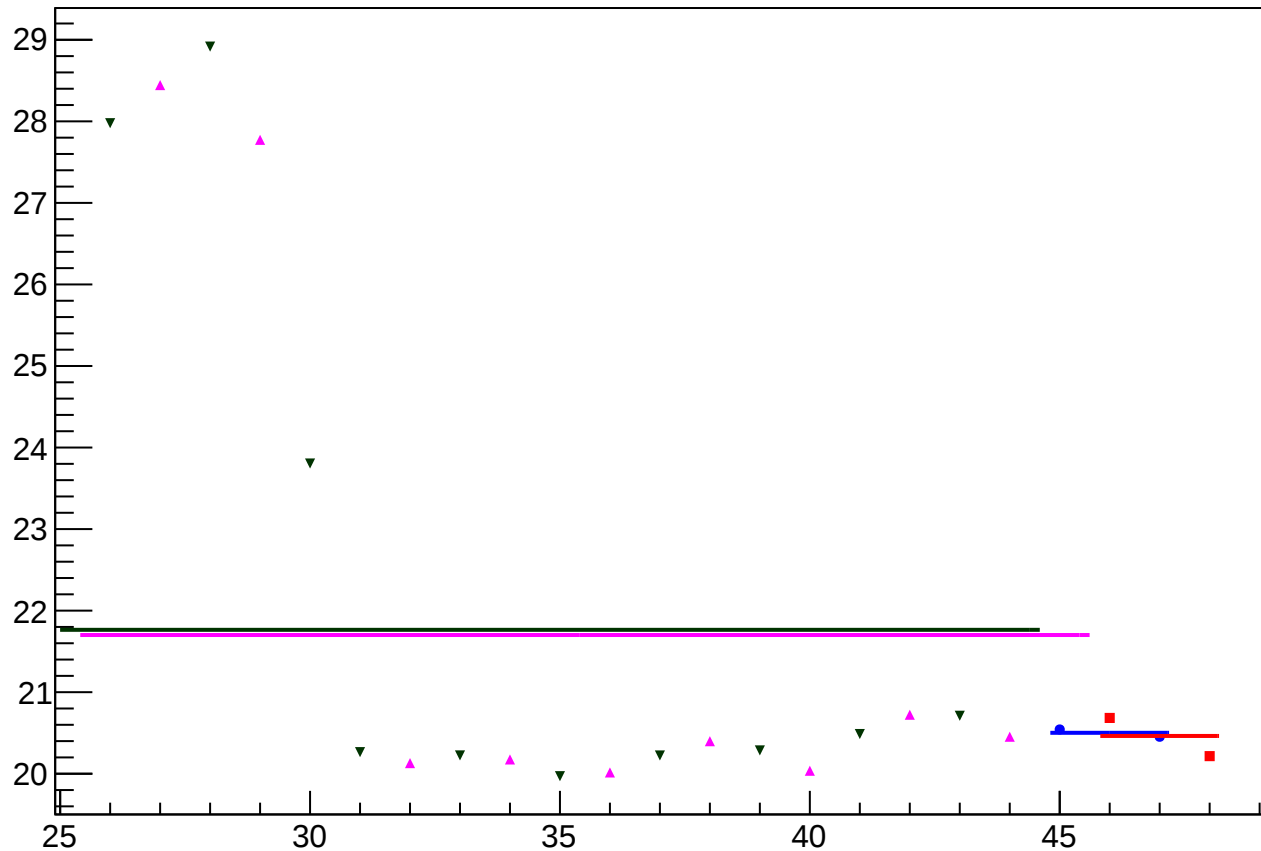
Right Out: -37.817+/-20.961 χ^2 /NDF: 0.4/1

Left In: -10.212+/-9.220 χ^2 /NDF:10.4/8

-1.398+/-8.590 χ^2 /NDF: 4.6/11

-14.687+/-8.440 χ^2 /NDF: 12.2/10

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.502 $\pm$ 0.014 χ^2 /NDF: 10.8/1

Left Out: 21.765 $\pm$ 0.007 χ^2 /NDF:184541.8/9

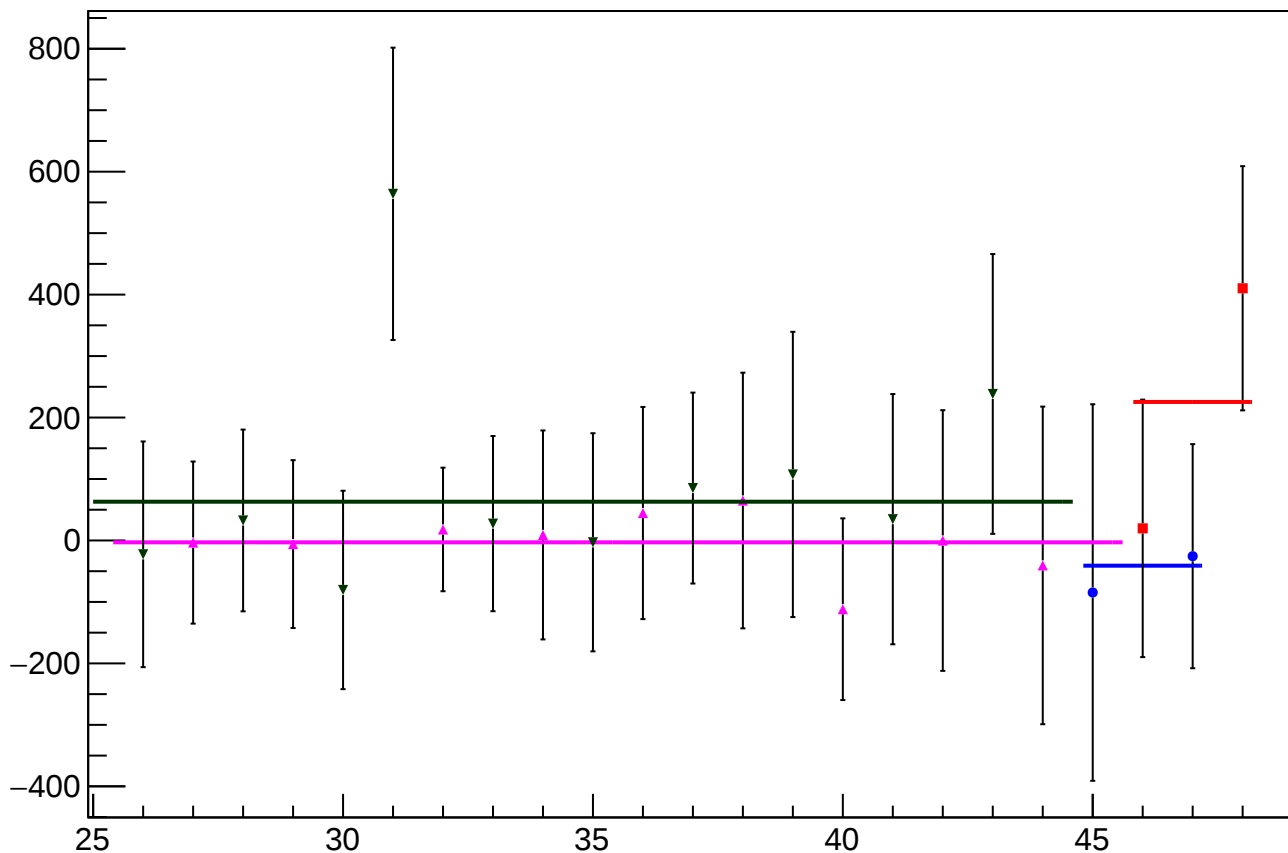
21.513 $\pm$ 0.006 χ^2 /NDF: 191440.7/11

Right Out: 20.463 $\pm$ 0.015 χ^2 /NDF: 248.8/1

Left In: 21.701 $\pm$ 0.007 χ^2 /NDF:218304.5/8

21.500 $\pm$ 0.006 χ^2 /NDF: 224397.0/10

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -41.028 $\pm$ 156.650 χ^2 /NDF: 0.0/1

Left Out: 63.061 $\pm$ 56.257 χ^2 /NDF: 6.4/9

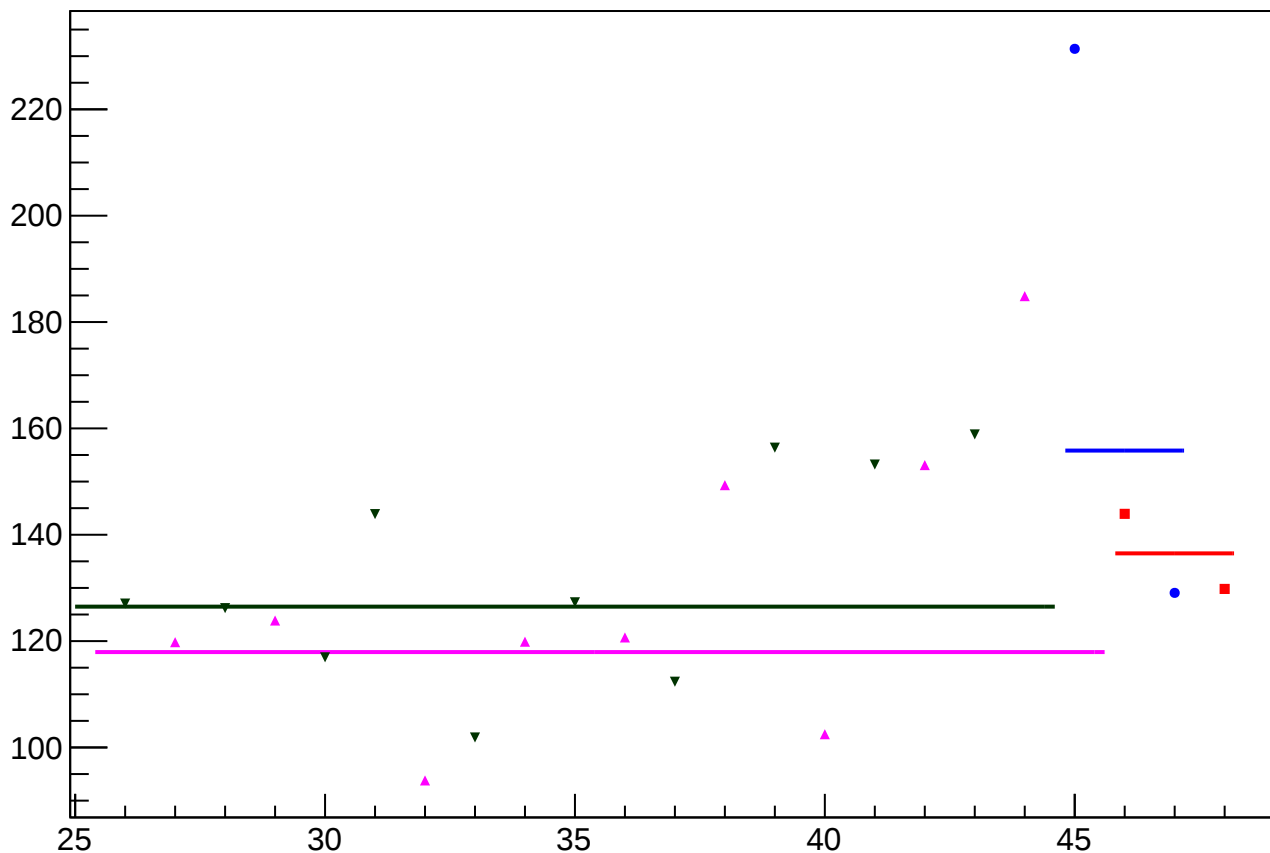
Right Out: 225.345 $\pm$ 144.143 χ^2 /NDF: 1.8/1

Left In: -3.008 $\pm$ 51.005 χ^2 /NDF: 0.8/8

51.170 $\pm$ 52.946 χ^2 /NDF: 6.8/11

22.403 $\pm$ 48.083 χ^2 /NDF: 4.9/10

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 155.830+/-0.111 χ^2/NDF : 164756.1/1

Left Out: 126.482+/-0.040 χ^2/NDF : 202065.4/9

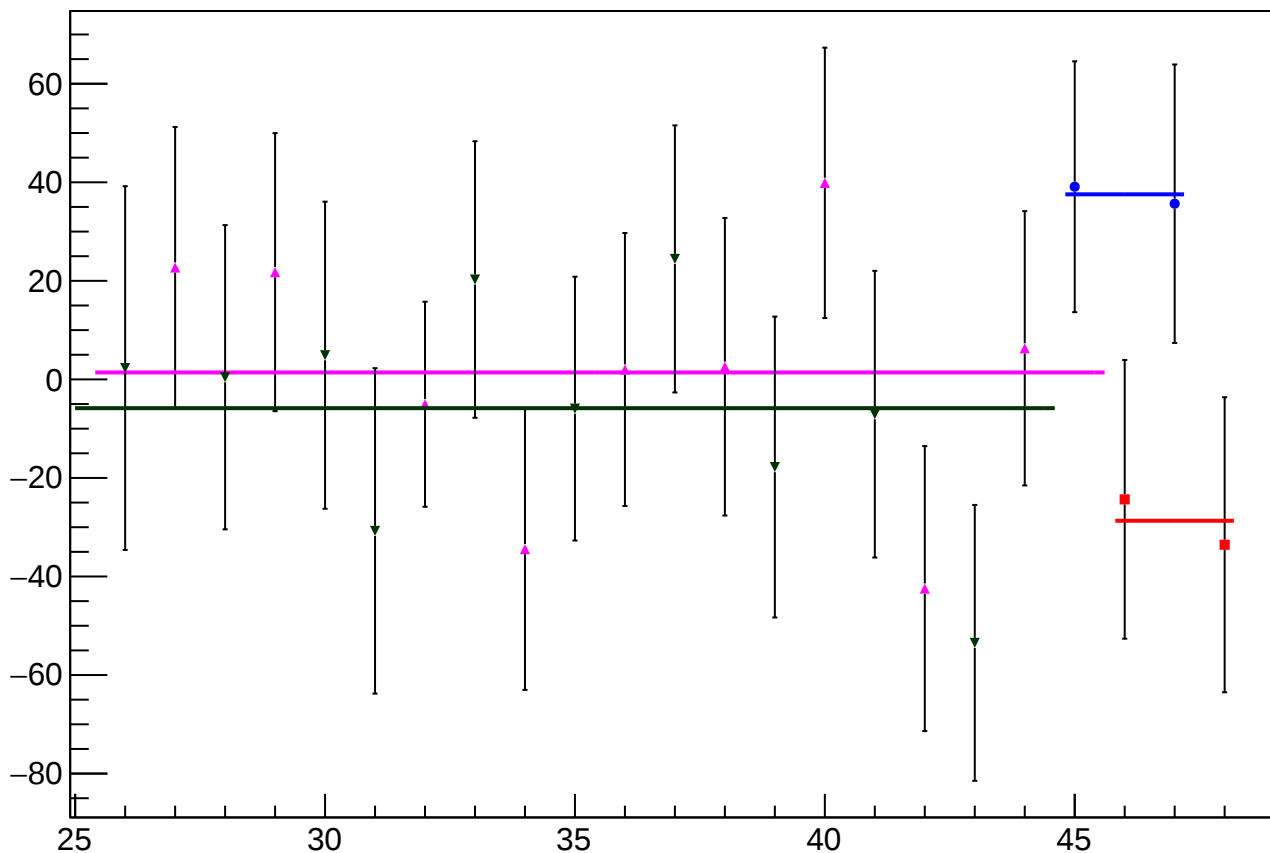
Right Out: 136.498+/-0.102 χ^2/NDF : 4783.5/1

Left In: 117.938+/-0.036 χ^2/NDF : 376858.5/8

129.835+/-0.037 χ^2/NDF : 428997.1/11

120.003+/-0.034 χ^2/NDF : 411112.2/10

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.558 $\pm$ 18.914 χ^2/NDF : 0.0/1

Left Out: -5.840 $\pm$ 9.412 χ^2/NDF : 5.9/9

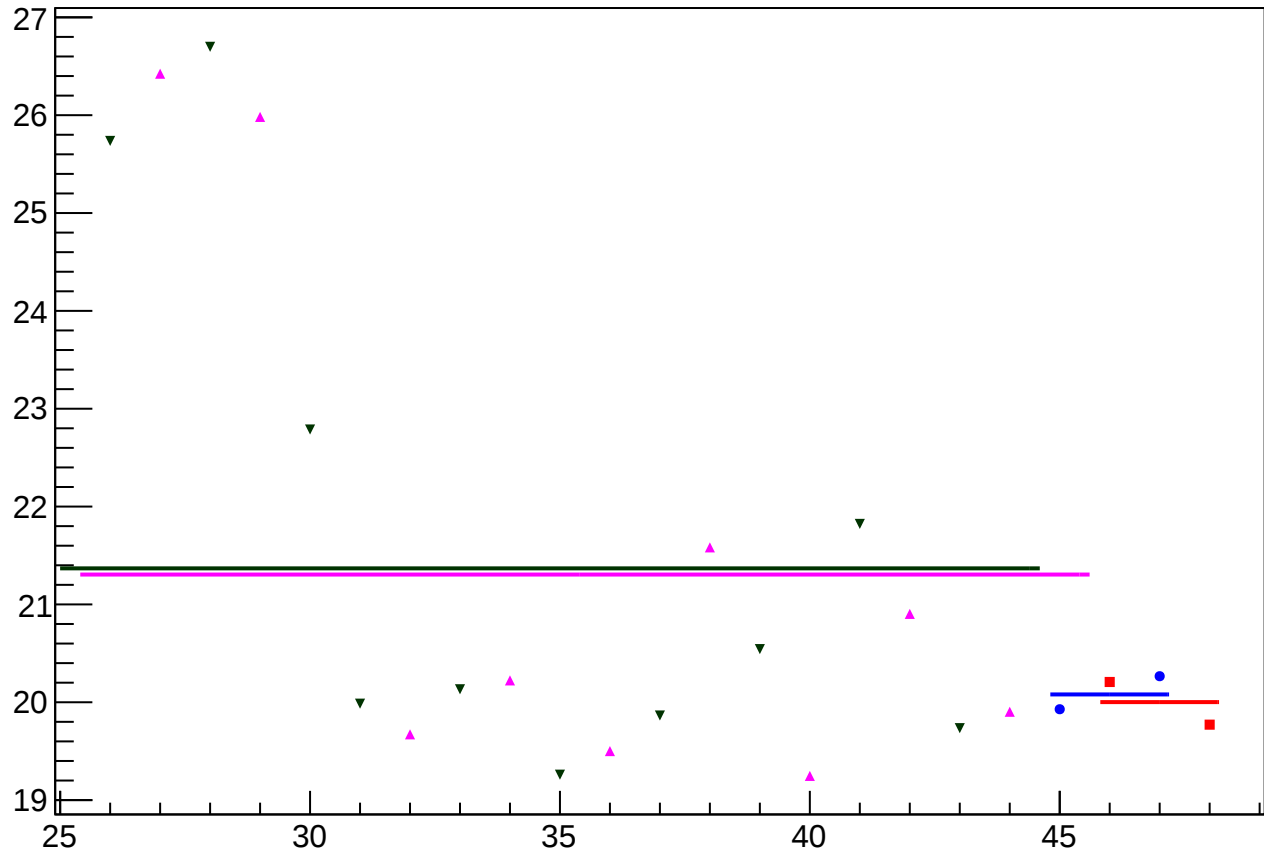
Right Out: -28.689 $\pm$ 20.558 χ^2/NDF : 0.1/1

Left In: 1.409 $\pm$ 9.041 χ^2/NDF : 7.0/8

2.774 $\pm$ 8.427 χ^2/NDF : 10.2/11

-3.469 $\pm$ 8.276 χ^2/NDF : 8.9/10

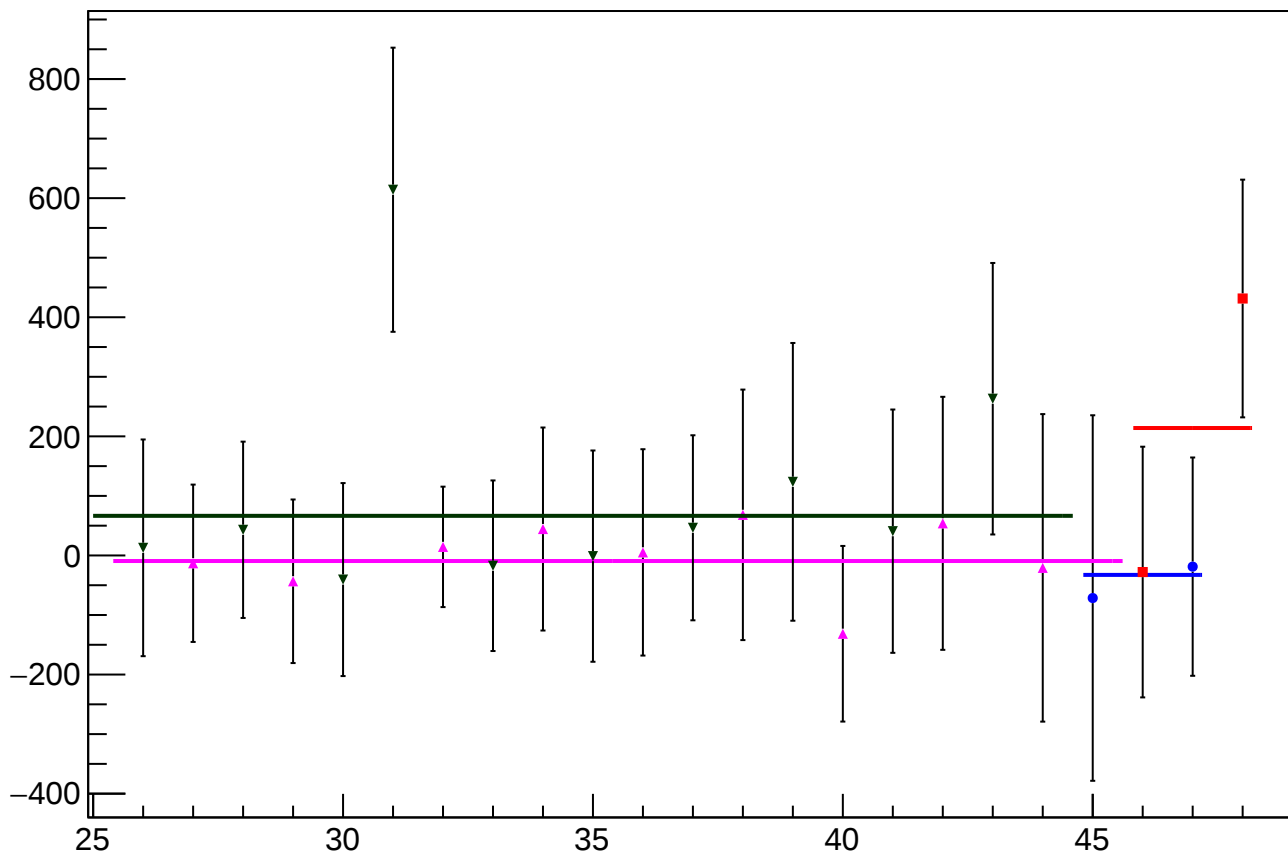
asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080 $\pm$ 0.013 χ^2 /NDF: 157.4/1
 Left Out: 21.368 $\pm$ 0.007 χ^2 /NDF: 126487.8/9
 Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 224.3/1
 Left In: 21.305 $\pm$ 0.006 χ^2 /NDF: 159917.2/8

21.113 $\pm$ 0.006 χ^2 /NDF: 134084.2/11
 21.094 $\pm$ 0.006 χ^2 /NDF: 166880.2/10

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -32.650 ± 157.363 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 66.532 ± 56.339 $\chi^2/\text{NDF}: 7.1/9$

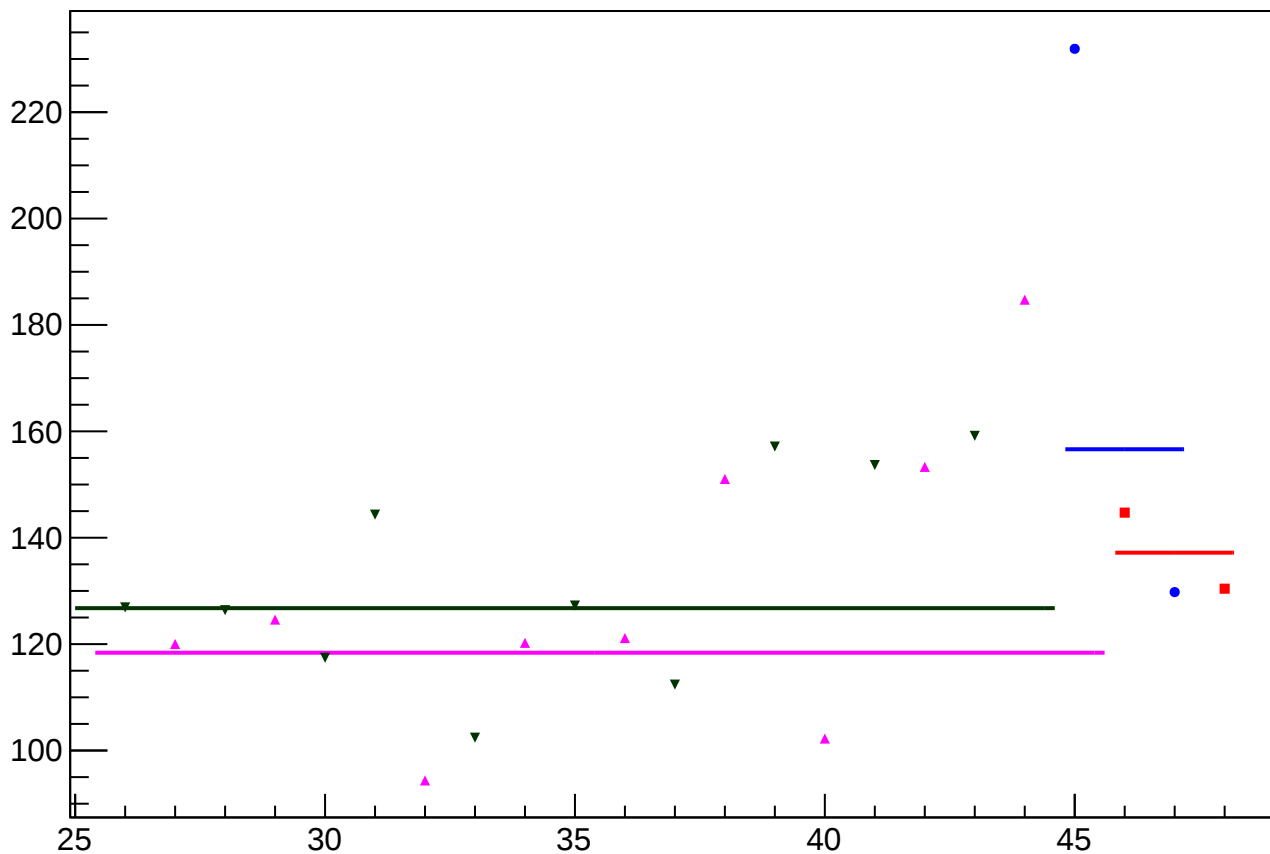
Right Out: 214.007 ± 144.830 $\chi^2/\text{NDF}: 2.5/1$

Left In: -9.341 ± 51.191 $\chi^2/\text{NDF}: 1.1/8$

55.263 ± 53.042 $\chi^2/\text{NDF}: 7.5/11$

15.463 ± 48.265 $\chi^2/\text{NDF}: 5.8/10$

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 156.631+/-0.111 χ^2/NDF : 163242.4/1

Left Out: 126.761+/-0.040 χ^2/NDF : 201460.1/9

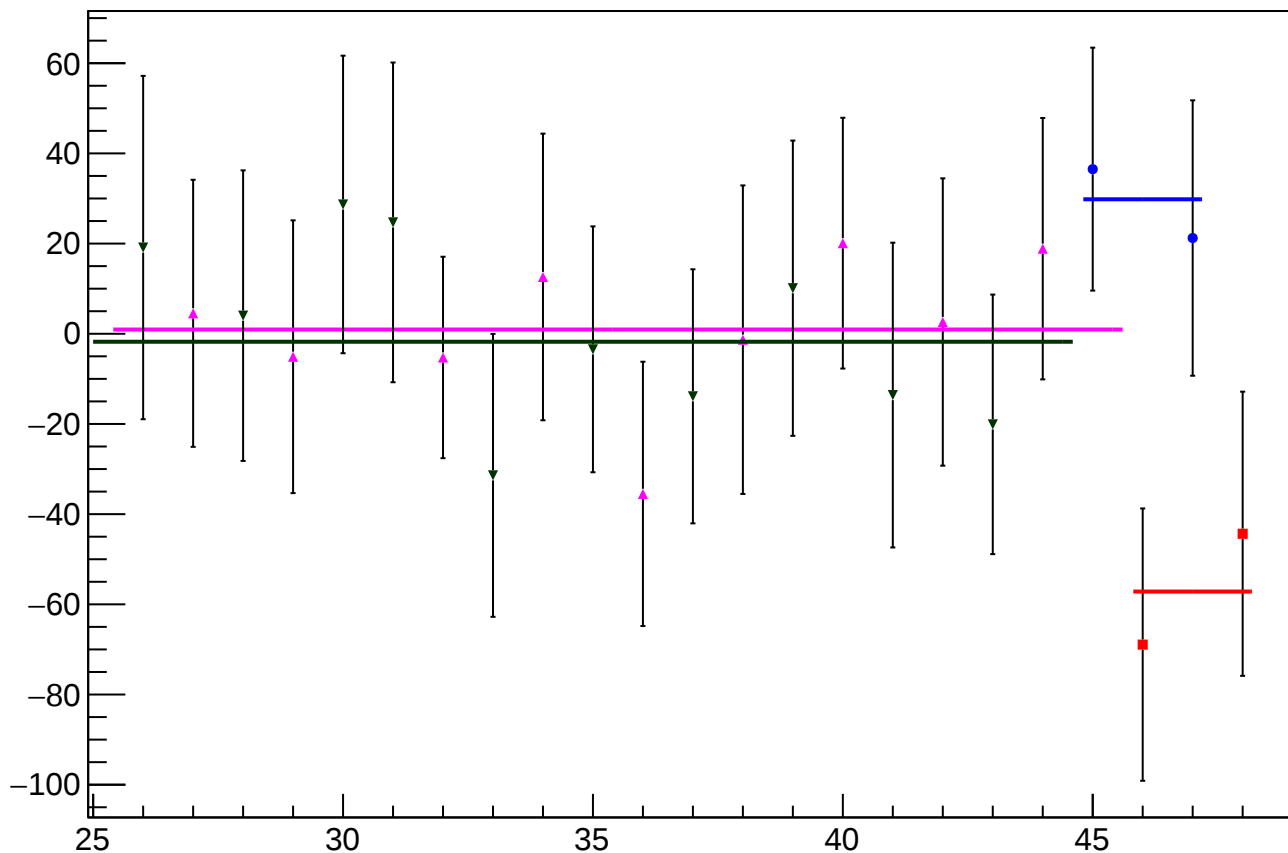
Right Out: 137.191+/-0.102 χ^2/NDF : 4861.6/1

Left In: 118.381+/-0.036 χ^2/NDF : 376314.7/8

130.155+/-0.038 χ^2/NDF : 428575.6/11

120.470+/-0.034 χ^2/NDF : 411163.6/10

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 29.822 $\pm$ 20.200 χ^2 /NDF: 0.1/1

Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF: 3.5/9

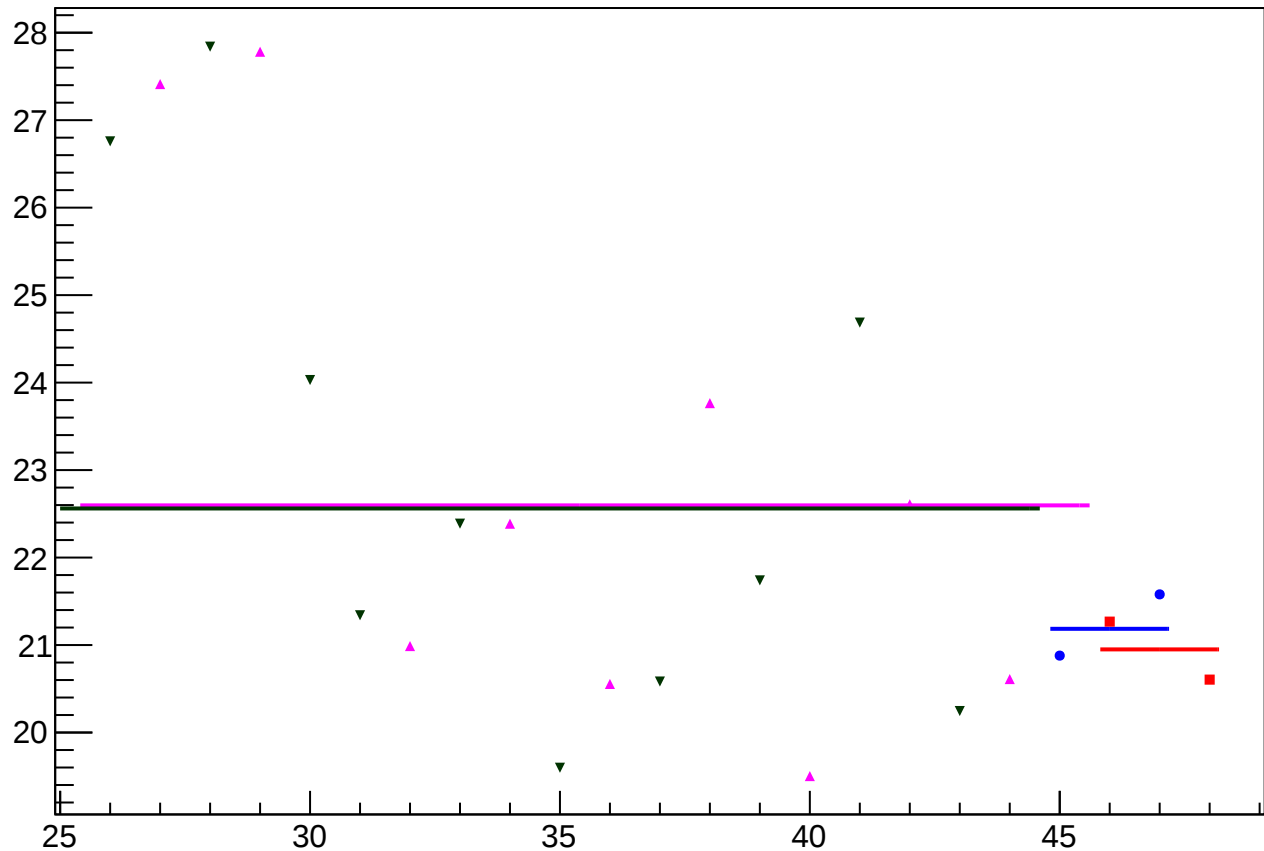
Right Out: -57.163 $\pm$ 21.802 χ^2 /NDF: 0.3/1

Left In: 0.942 $\pm$ 9.660 χ^2 /NDF: 2.7/8

4.447 $\pm$ 8.960 χ^2 /NDF: 5.6/11

-8.593 $\pm$ 8.832 χ^2 /NDF: 8.9/10

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.185+/-0.014 χ^2/NDF : 591.3/1

Left Out: 22.561+/-0.007 χ^2/NDF : 140006.3/9

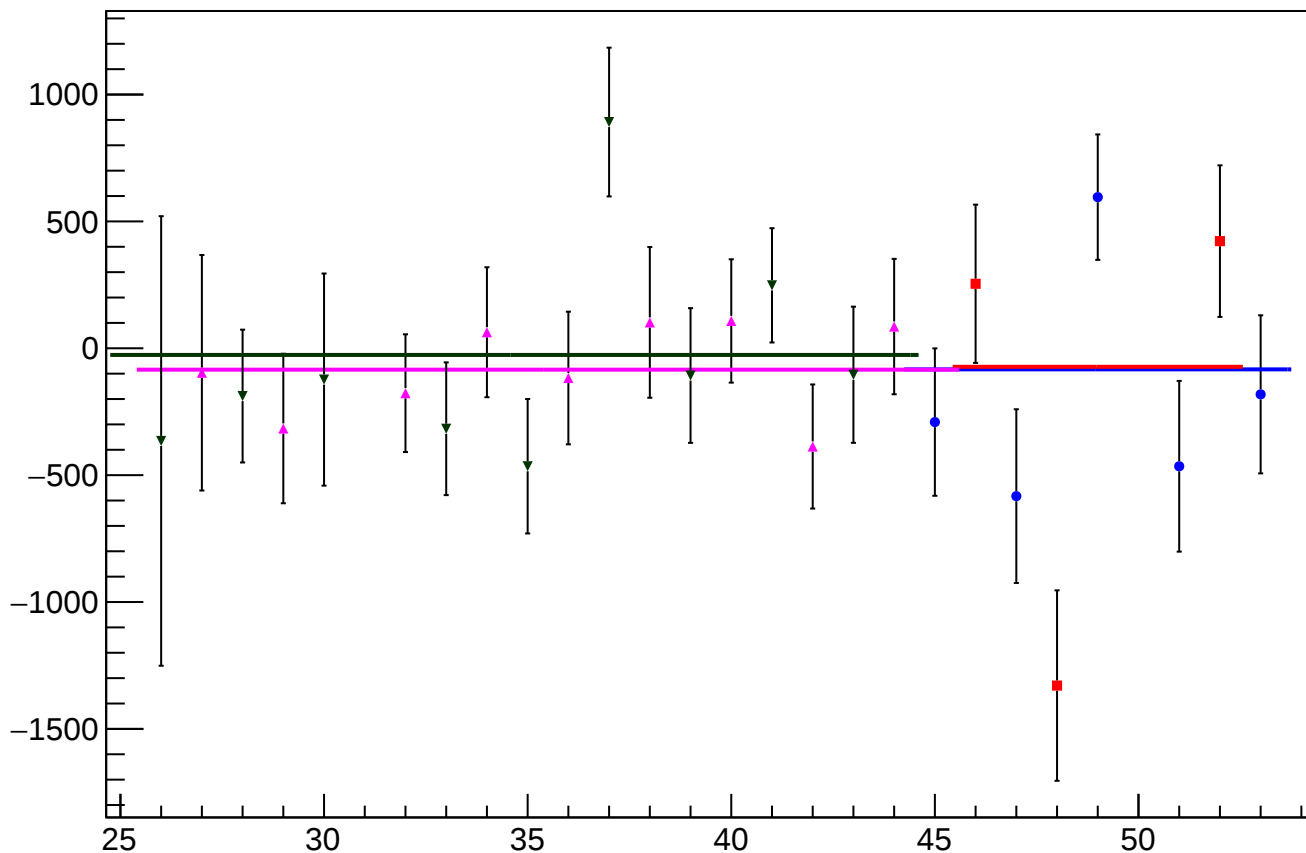
Right Out: 20.950+/-0.015 χ^2/NDF : 461.2/1

Left In: 22.597+/-0.007 χ^2/NDF : 168346.0/8

22.291+/-0.006 χ^2/NDF : 148048.8/11

22.326+/-0.006 χ^2/NDF : 178339.5/10

asym_sam_15_avg_mean vs slug



Right In: -83.106+/-133.759 χ^2/NDF : 11.6/4

Left Out: -26.215+/-95.391 χ^2/NDF :16.0/8

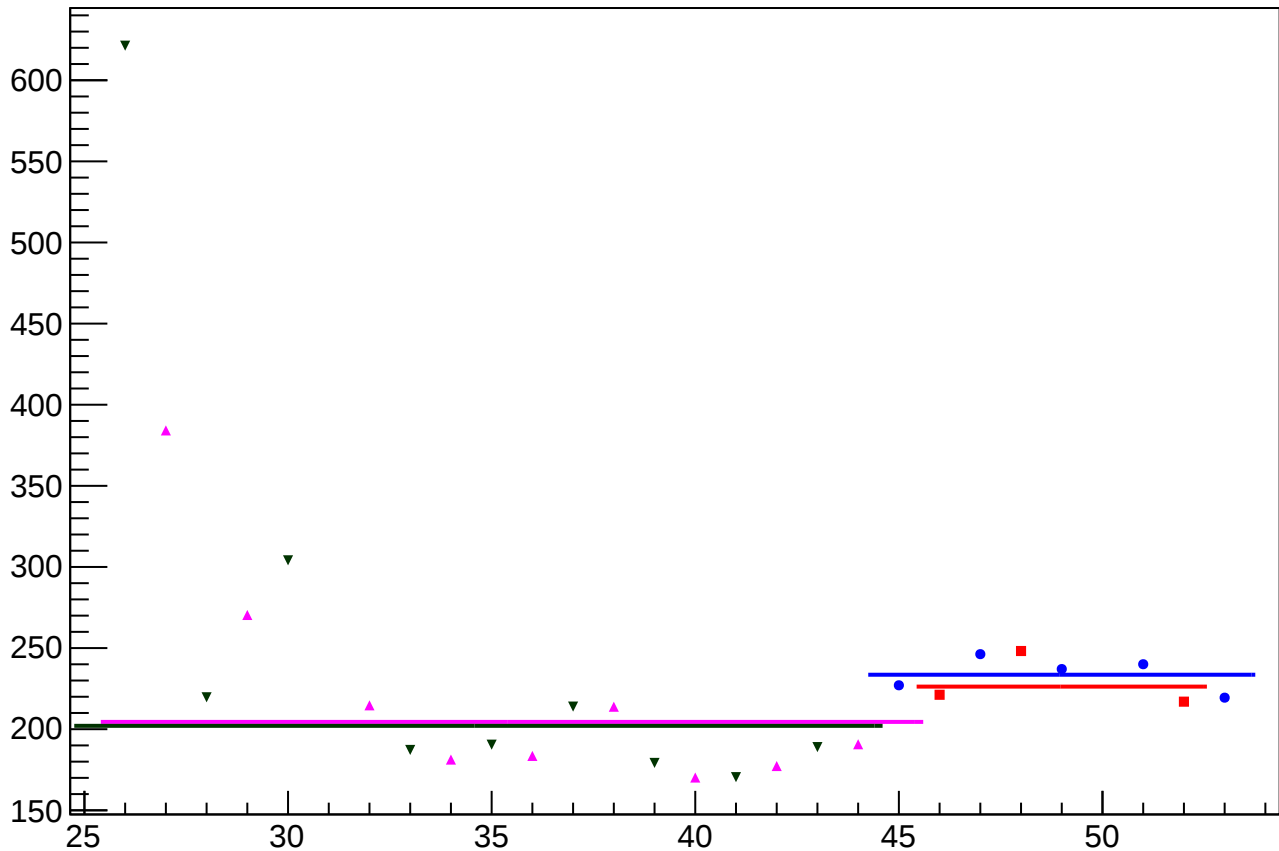
Right Out: -73.000+/-186.995 χ^2/NDF : 15.1/2

Left In: -84.239+/-89.930 χ^2/NDF :4.1/8

-45.395+/-77.664 χ^2/NDF : 27.7/13

-82.128+/-81.045 χ^2/NDF : 19.1/11

asym_sam_15_avg_rms vs slug



Right In: 233.570+/-0.095 χ^2/NDF : 9008.1/4

Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

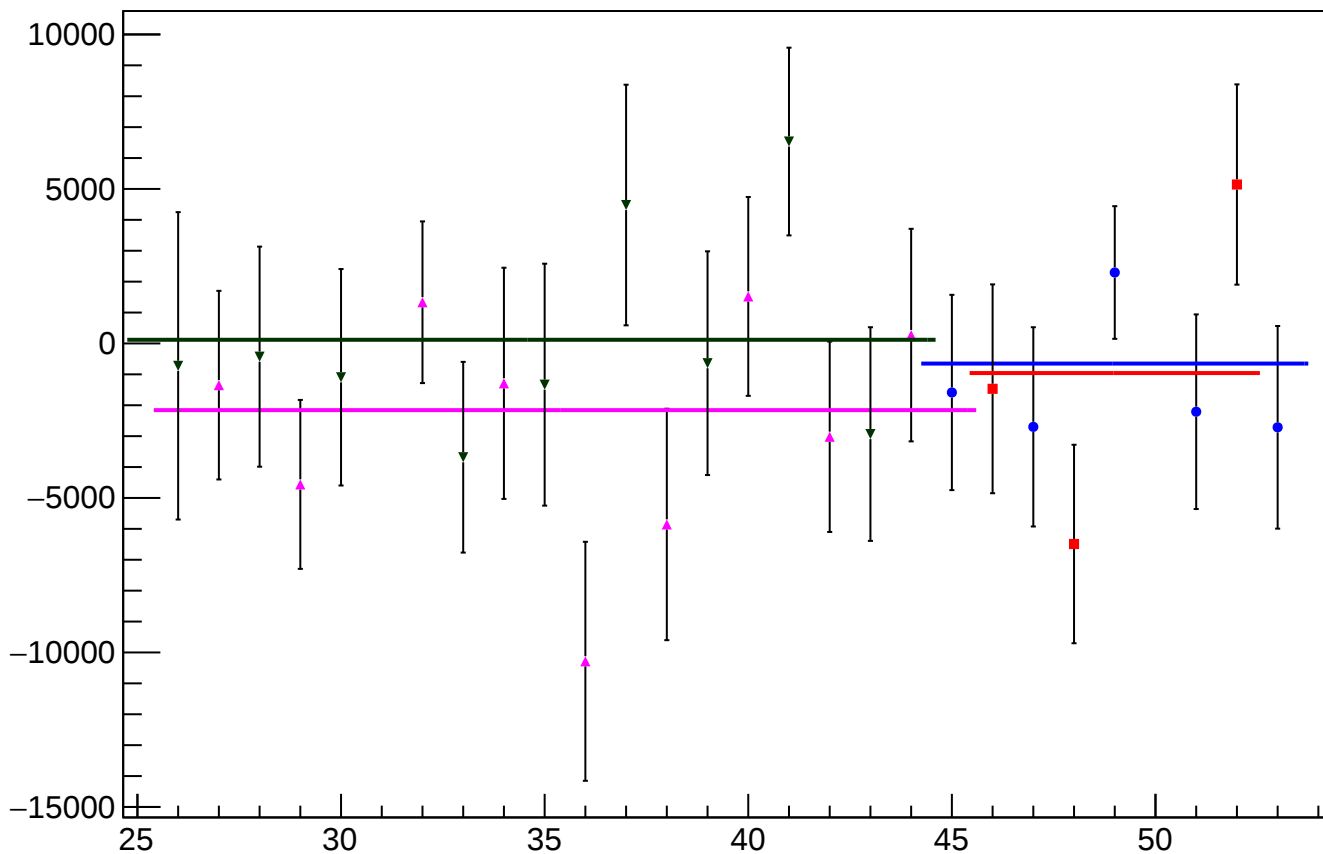
Right Out: 226.251+/-0.132 χ^2/NDF : 9287.8/2

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

212.693+/-0.055 χ^2/NDF : 731185.7/13

208.583+/-0.057 χ^2/NDF : 536128.8/11

asym_sam_26_avg_mean vs slug



Right In: -651.124+/-1283.279 χ^2/NDF : 3.0/4

Left Out: 118.708+/-1190.644 χ^2/NDF : 8.4/8

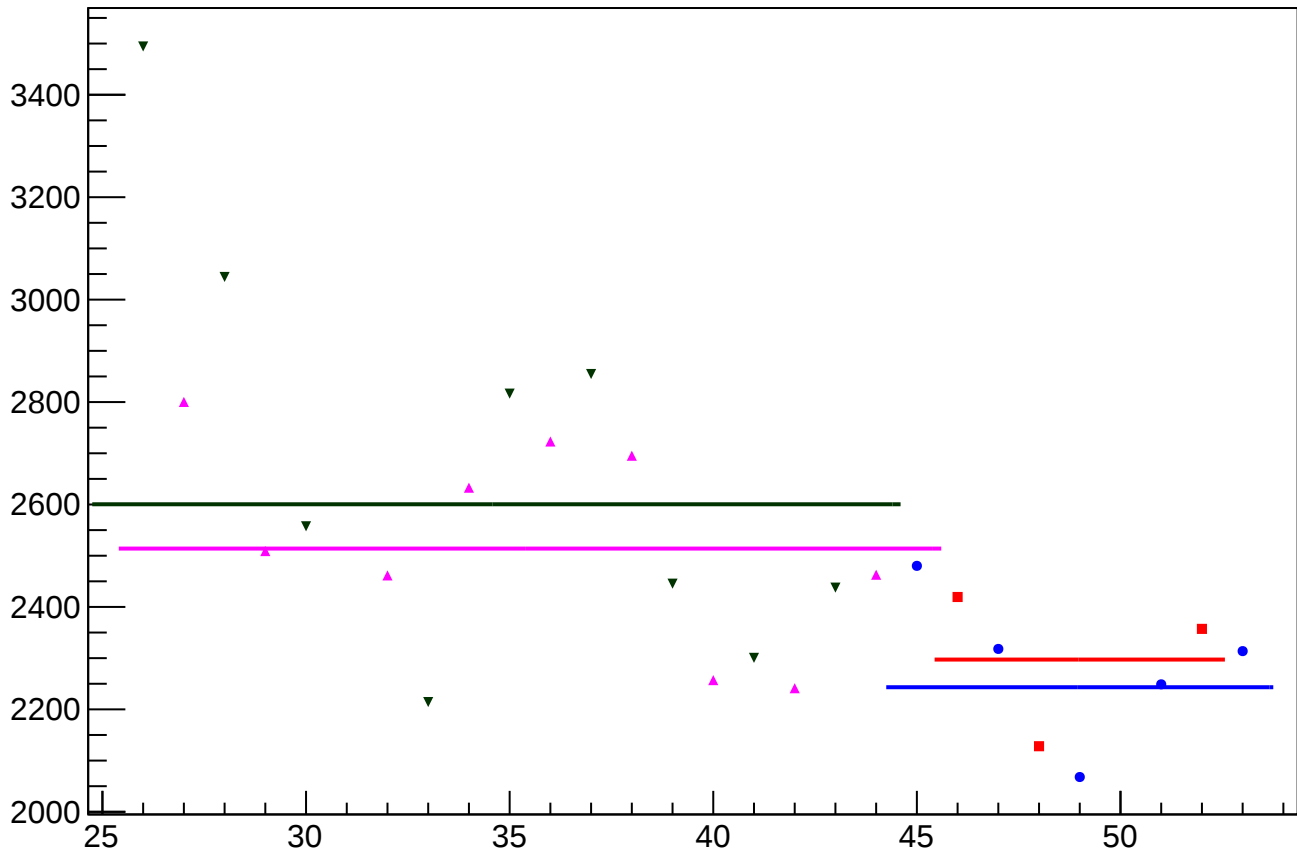
Right Out: -958.139+/-1890.796 χ^2/NDF : 6.5/2

Left In: -2158.051+/-1063.969 χ^2/NDF : 10.0/8

-237.422+/-872.826 χ^2/NDF : 11.6/13

-1869.481+/-927.247 χ^2/NDF : 16.8/11

asym_sam_26_avg_rms vs slug



Right In: 2243.227+/-0.907 χ^2/NDF : 26599.5/4

Left Out: 2600.445+/-0.842 χ^2/NDF :169500.1/8

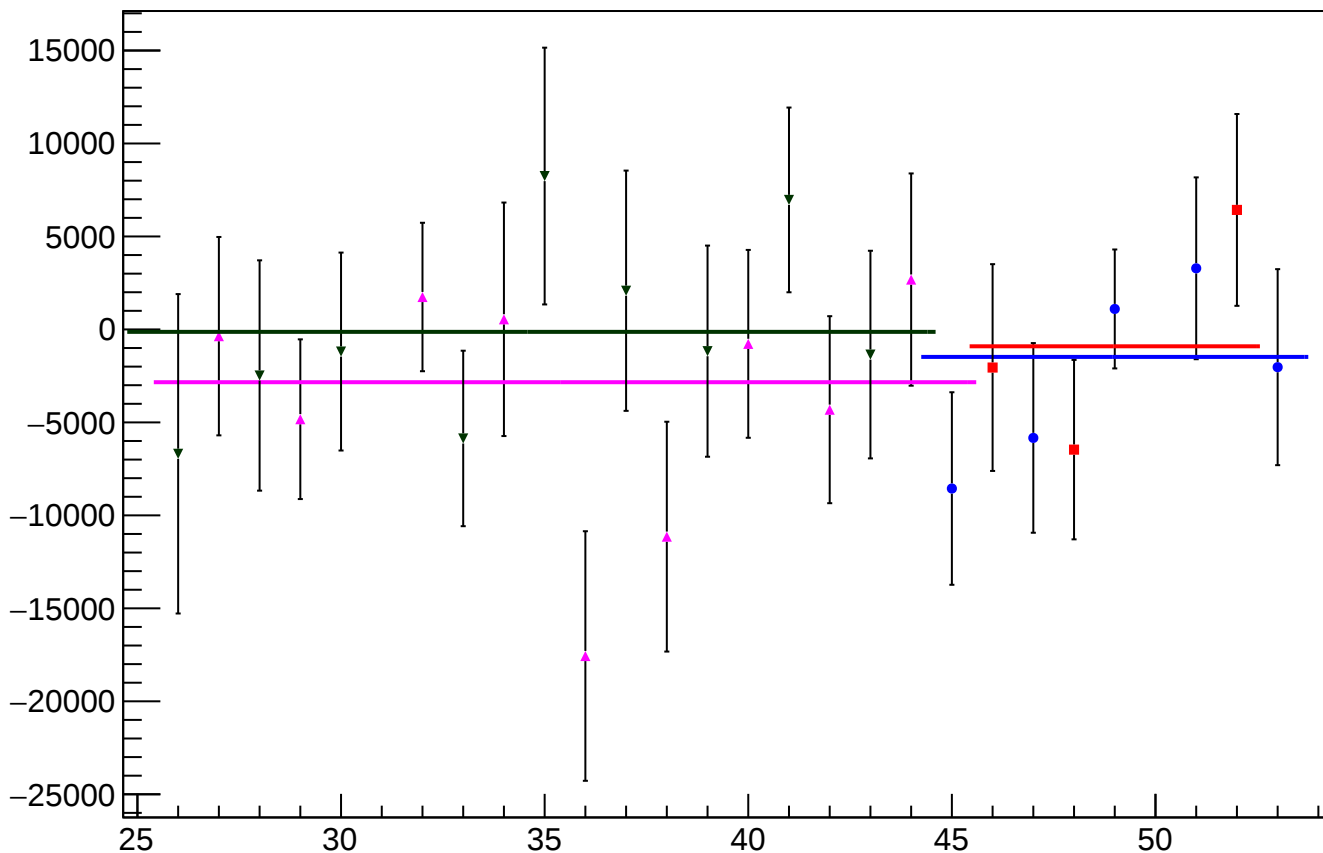
Right Out: 2297.236+/-1.337 χ^2/NDF : 8848.5/2

Left In: 2513.944+/-0.752 χ^2/NDF :59815.8/8

2435.193+/-0.617 χ^2/NDF : 279380.5/13

2461.827+/-0.656 χ^2/NDF : 88618.1/11

asym_sam_37_avg_mean vs slug



Right In: -1477.990+/-1994.769 χ^2/NDF : 4.2/4

Left Out: -130.759+/-1930.273 χ^2/NDF : 6.0/8

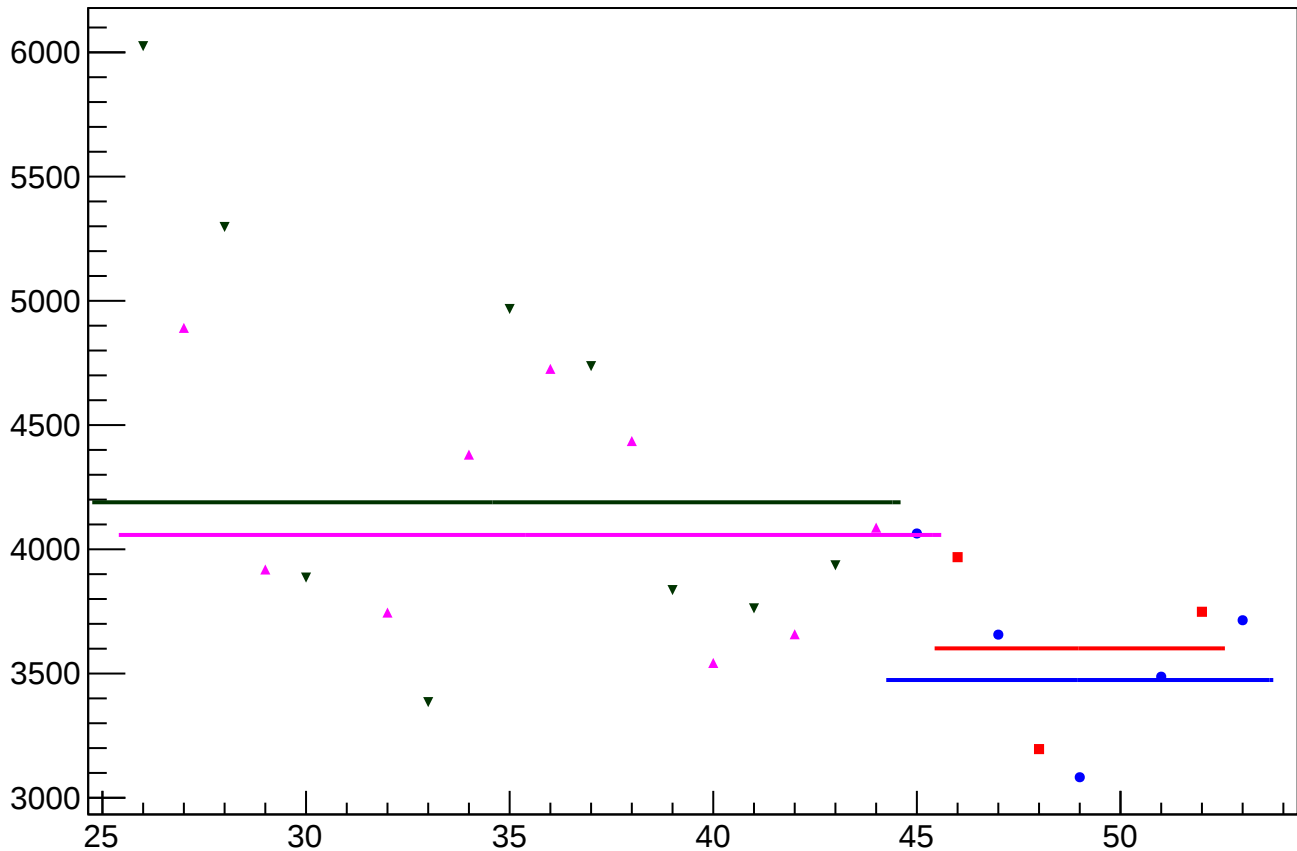
Right Out: -907.470+/-2976.312 χ^2/NDF : 3.4/2

Left In: -2838.910+/-1727.020 χ^2/NDF : 9.8/8

-782.243+/-1387.150 χ^2/NDF : 10.4/13

-2352.406+/-1493.761 χ^2/NDF : 13.6/11

asym_sam_37_avg_rms vs slug



Right In: 3473.948+/-1.411 χ^2/NDF : 62624.2/4

Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

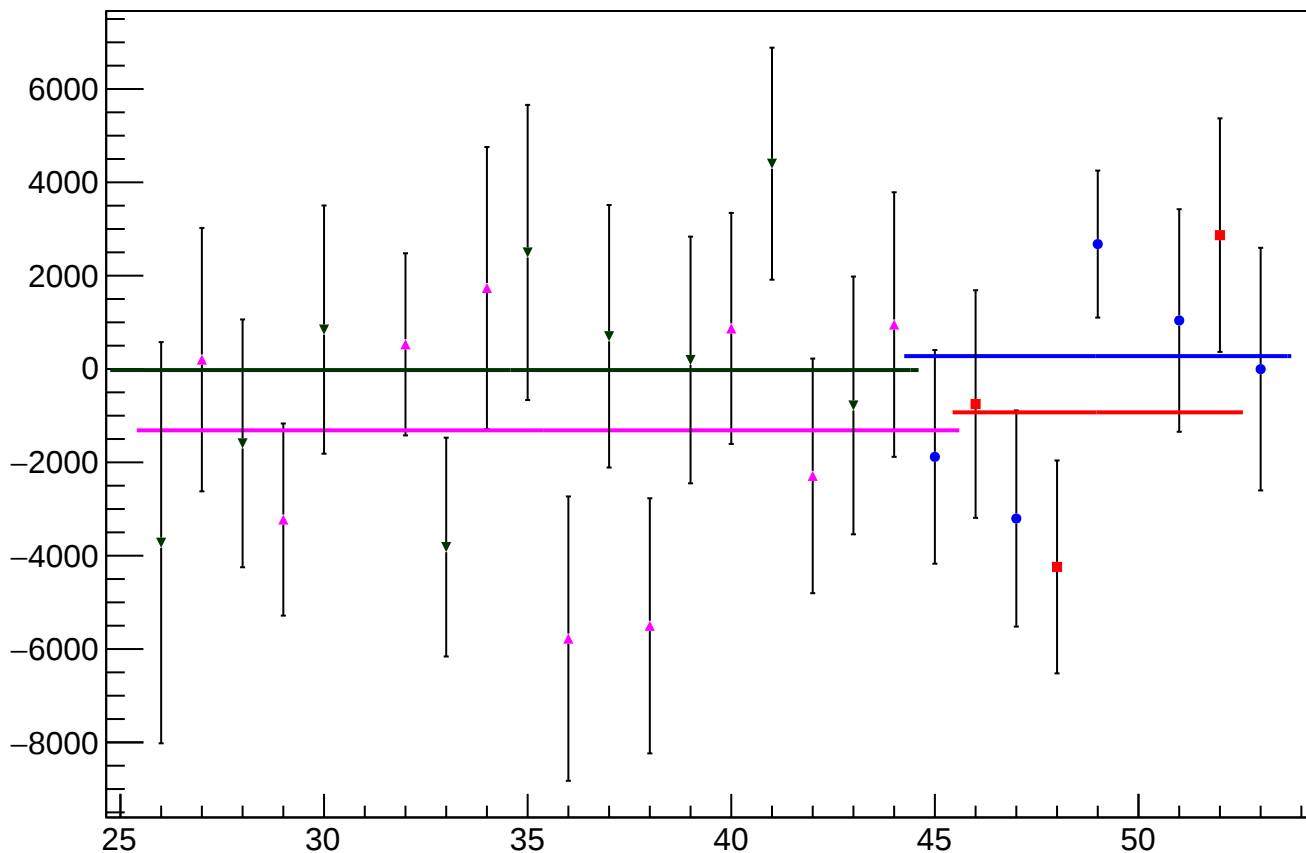
Right Out: 3601.301+/-2.105 χ^2/NDF : 24465.1/2

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

3843.340+/-0.981 χ^2/NDF : 481782.5/13

3942.827+/-1.056 χ^2/NDF : 188918.9/11

asym_sam_48_avg_mean vs slug



Right In: 276.511+/-951.499 χ^2/NDF : 5.6/4

Left Out: -22.507+/-919.850 χ^2/NDF : 7.8/8

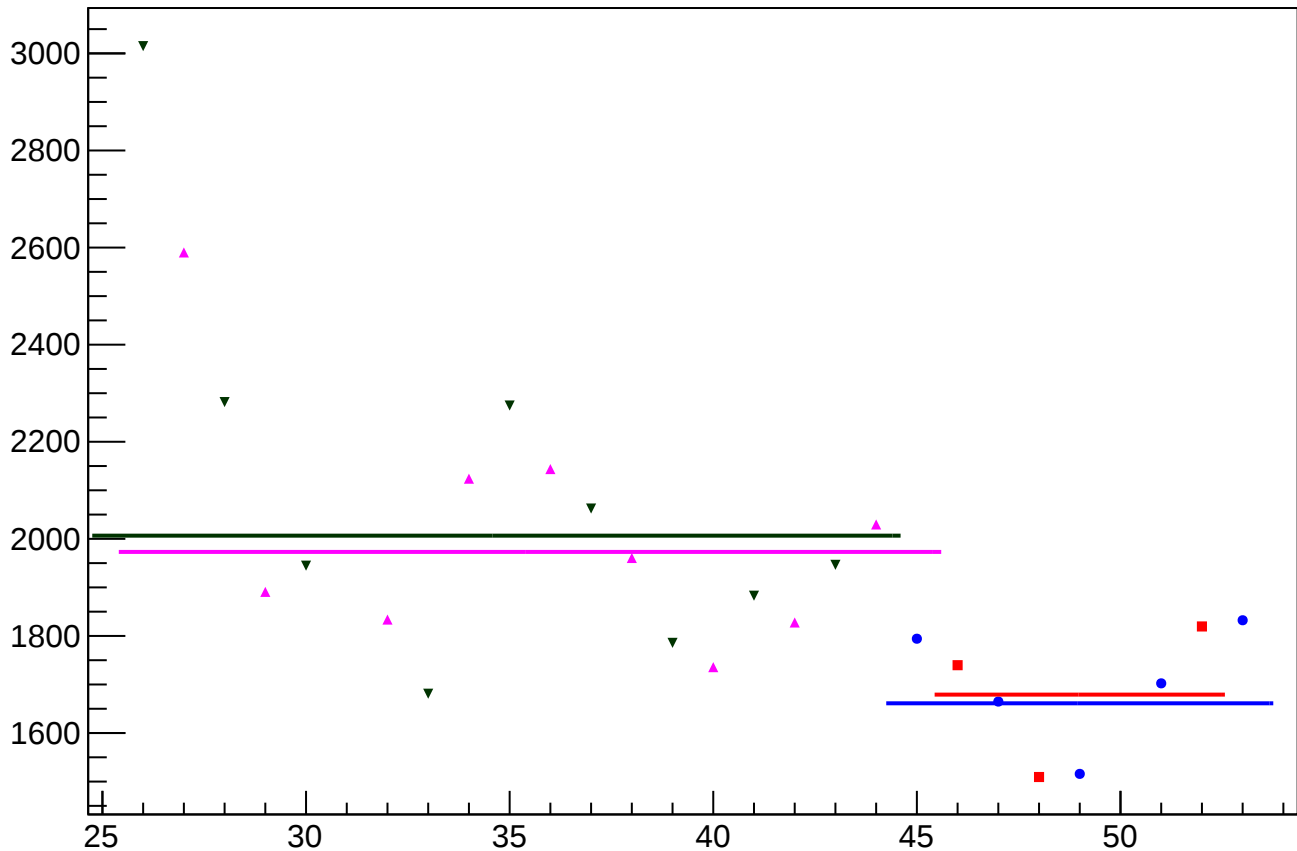
Right Out: -928.505+/-1386.777 χ^2/NDF : 4.4/2

Left In: -1314.189+/-838.756 χ^2/NDF : 9.1/8

121.946+/-661.338 χ^2/NDF : 13.4/13

-1210.889+/-717.695 χ^2/NDF : 13.6/11

asym_sam_48_avg_rms vs slug



Right In: 1661.236+/-0.673 χ^2/NDF : 33064.8/4

Left Out: 2006.587+/-0.650 χ^2/NDF :206255.1/8

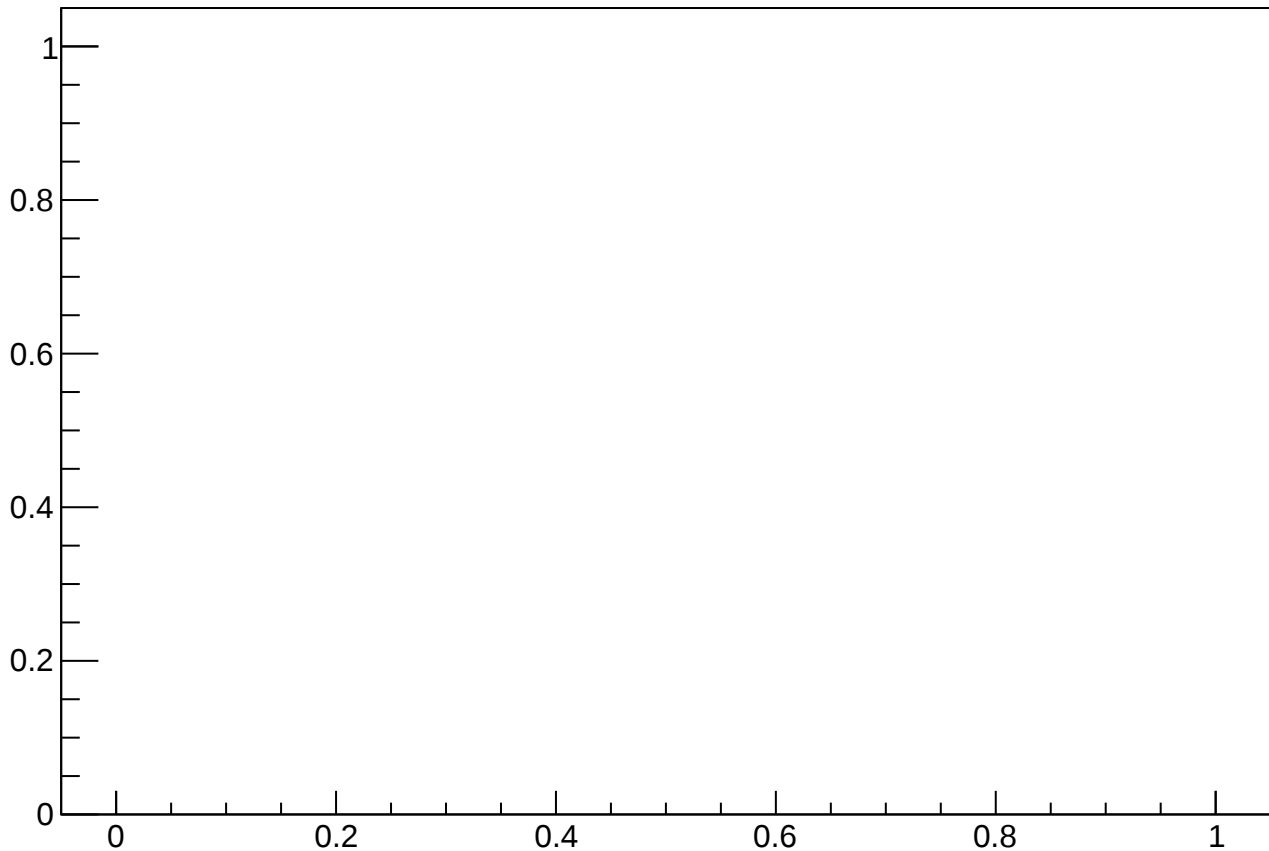
1839.751+/-0.468 χ^2/NDF : 375510.5/13

Right Out: 1679.133+/-0.981 χ^2/NDF : 18604.6/2

1894.348+/-0.507 χ^2/NDF : 230549.7/11

Left In: 1973.076+/-0.593 χ^2/NDF :146156.0/8

yield_sam_15_avg_mean vs slug



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

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

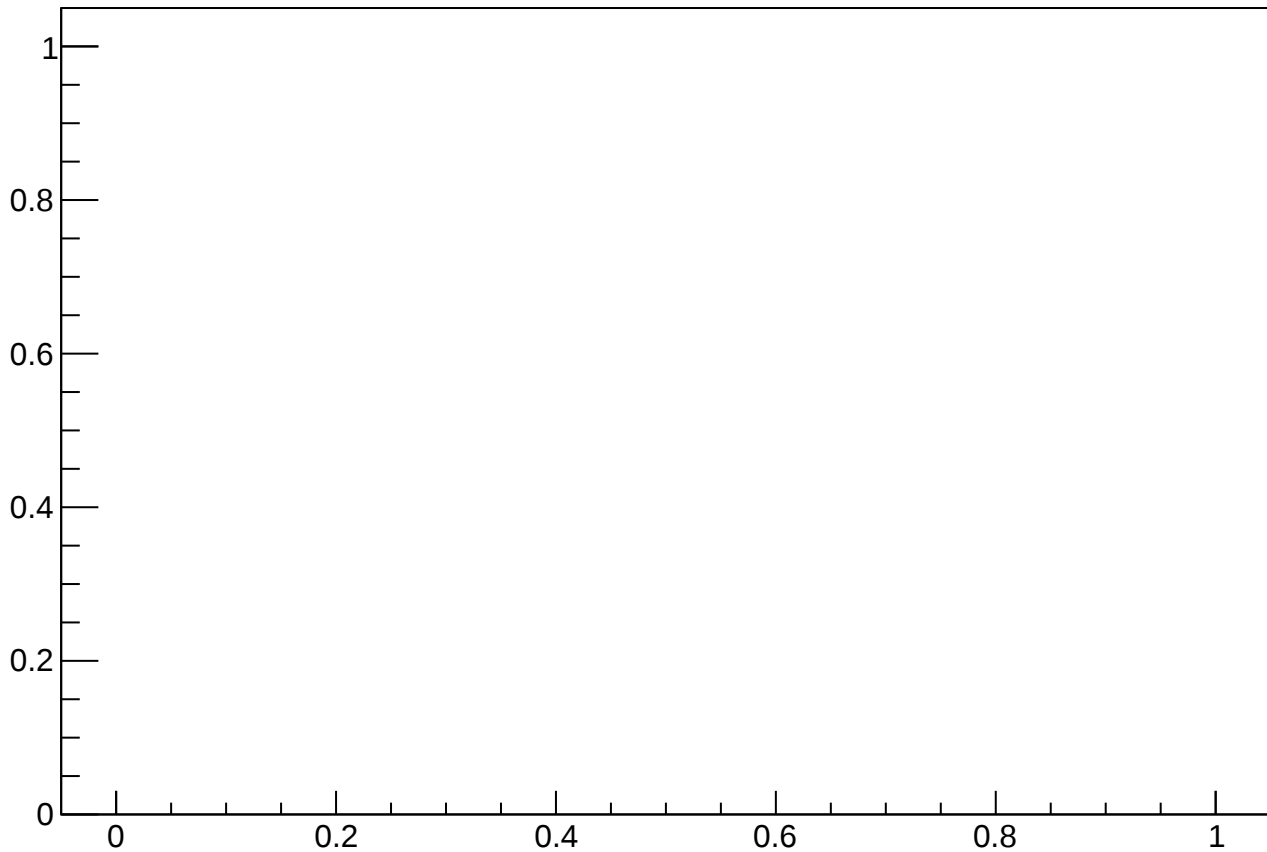
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

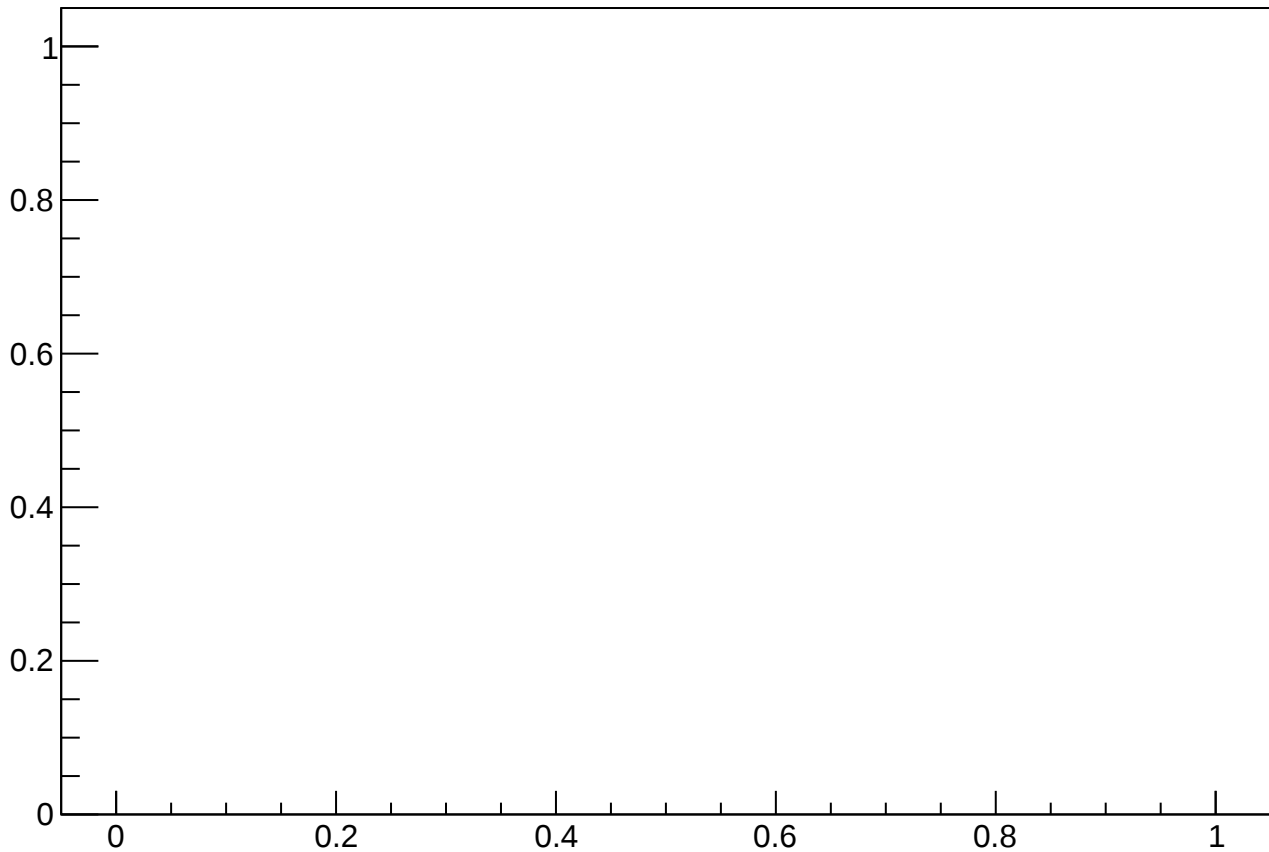
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



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

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

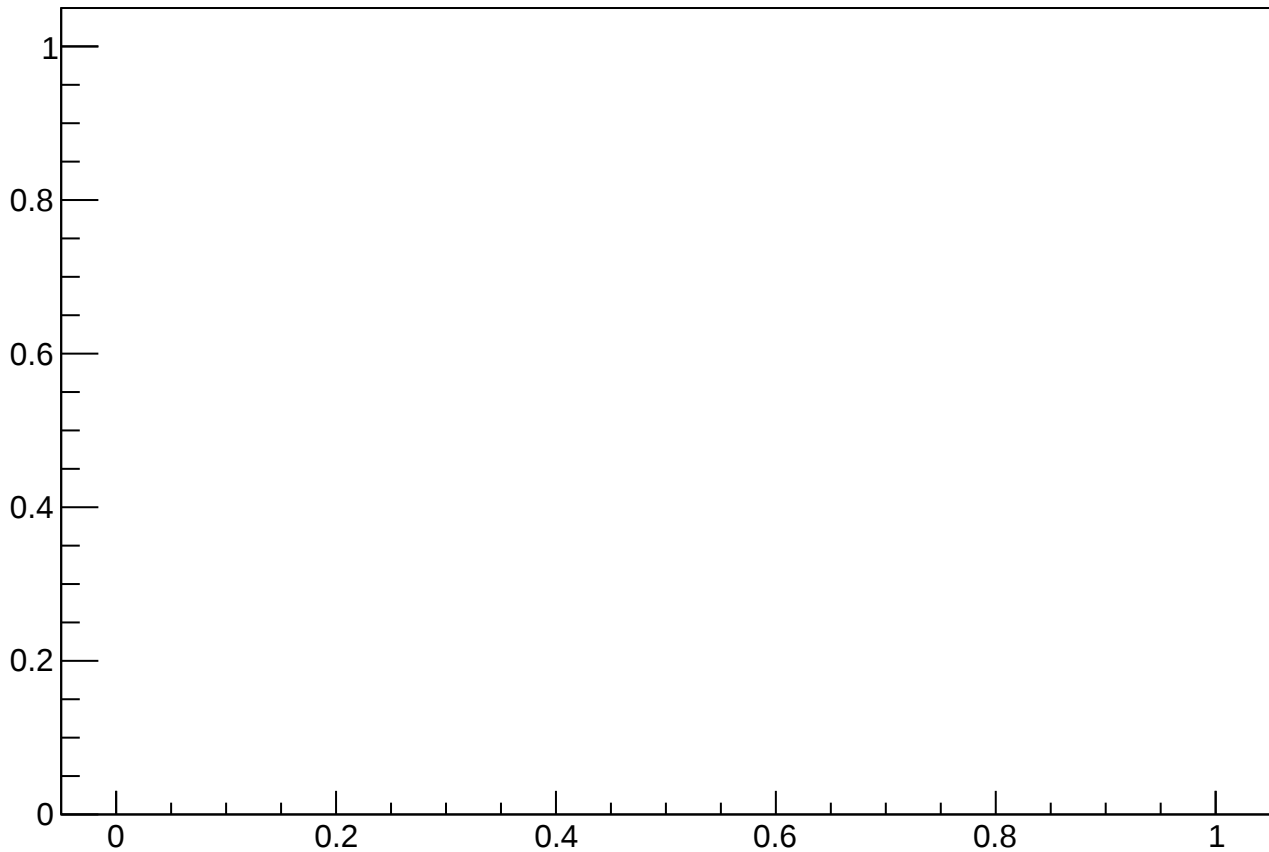
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

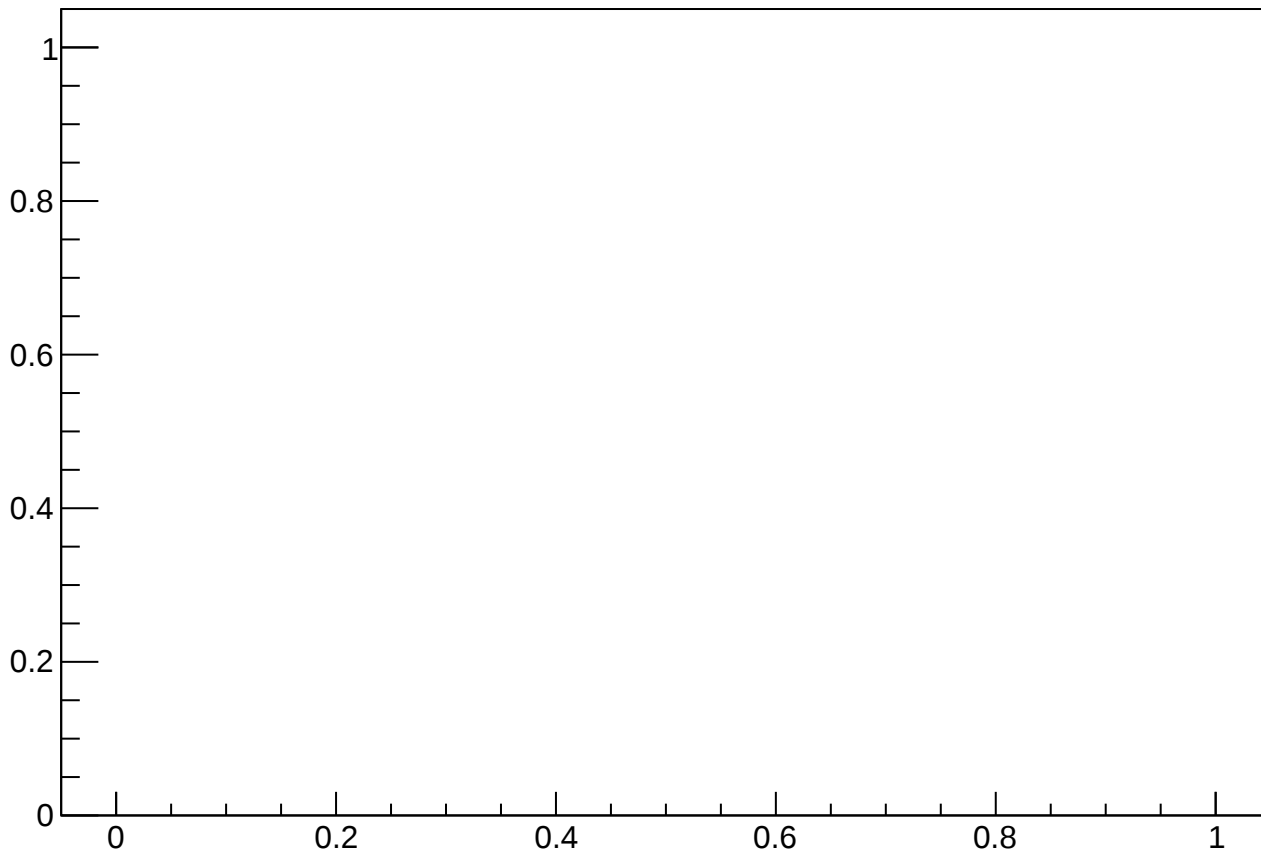
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

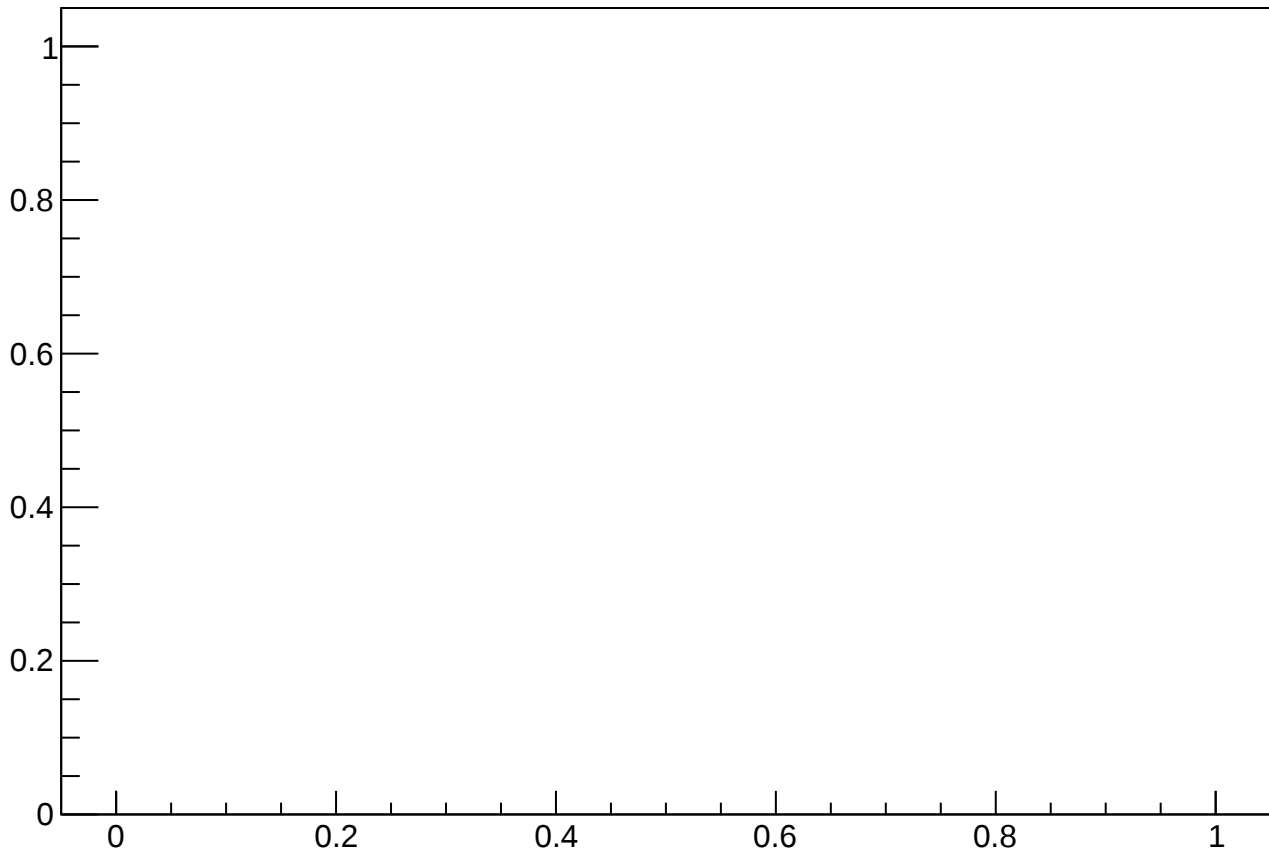
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

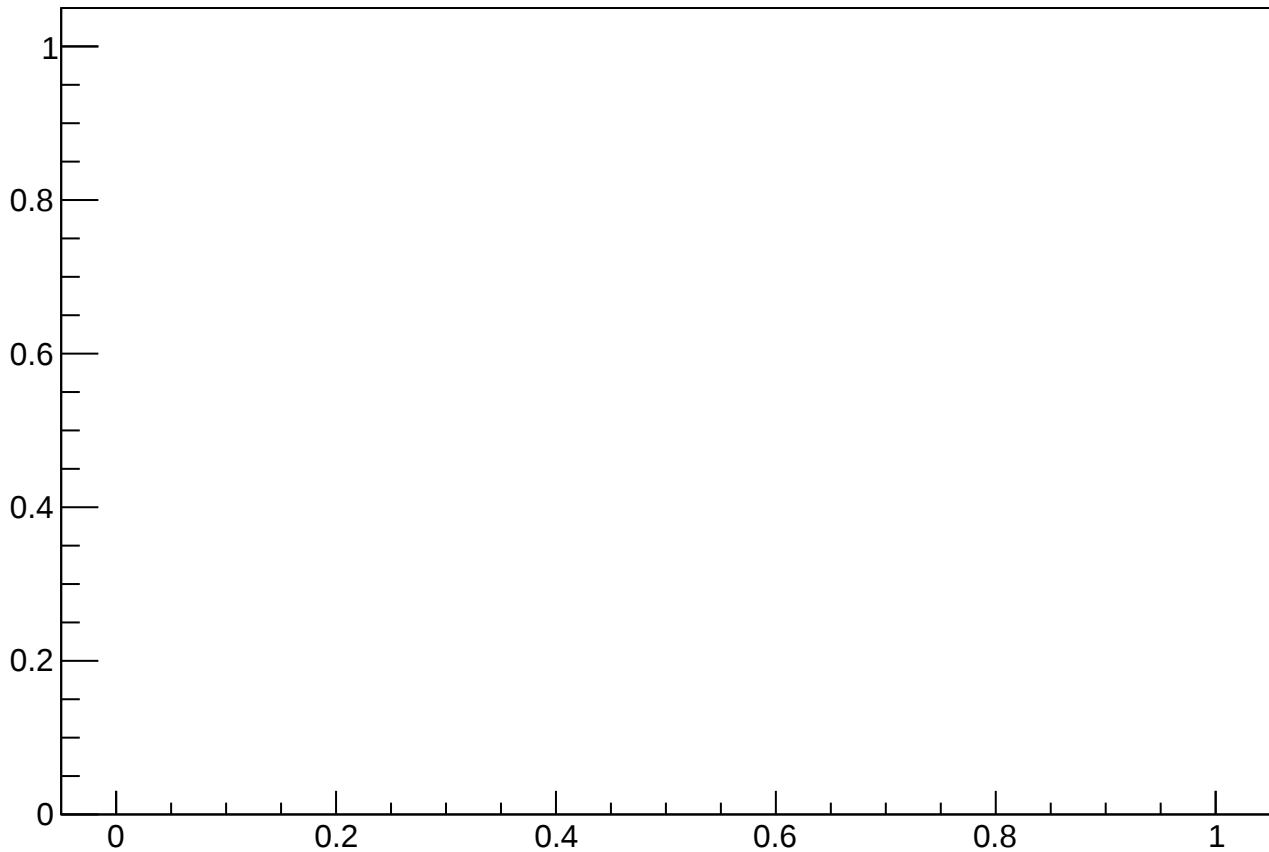
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

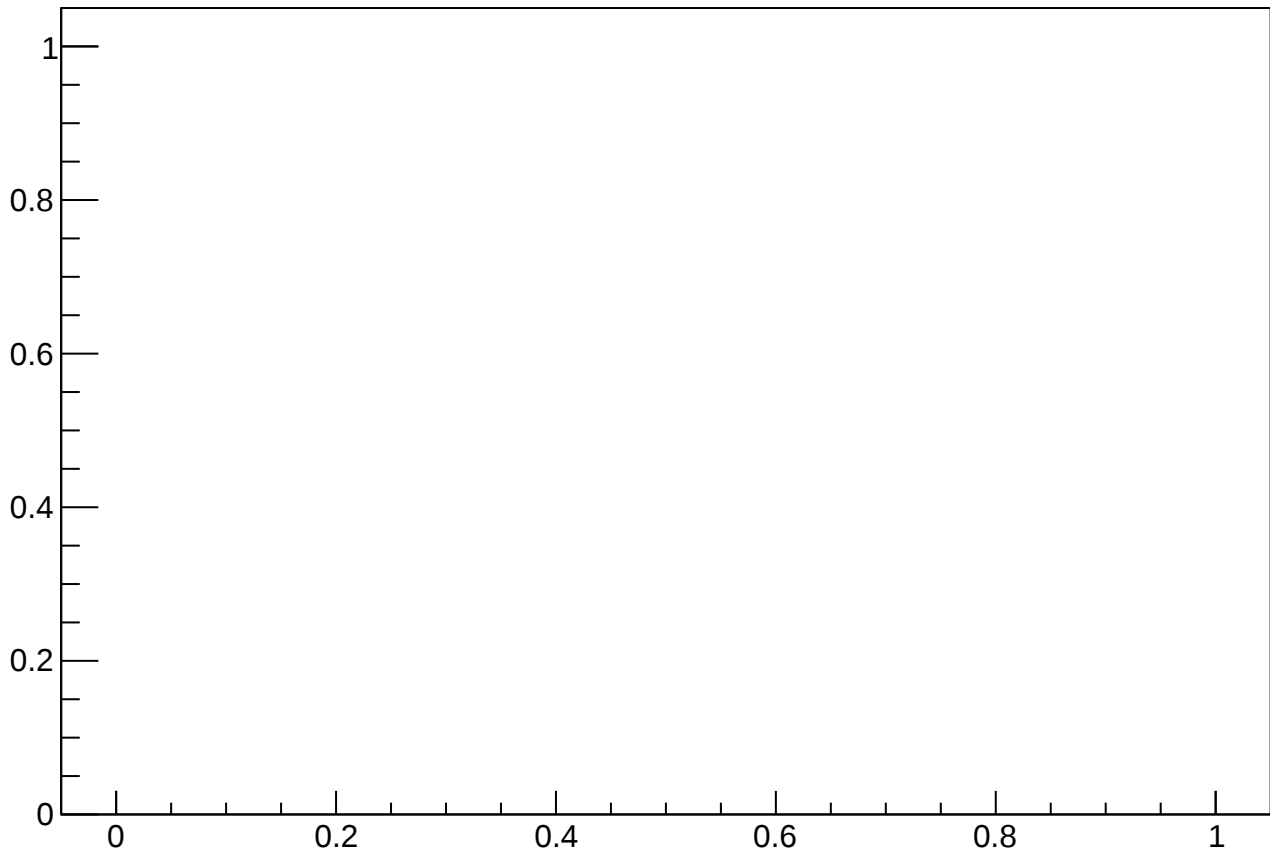
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

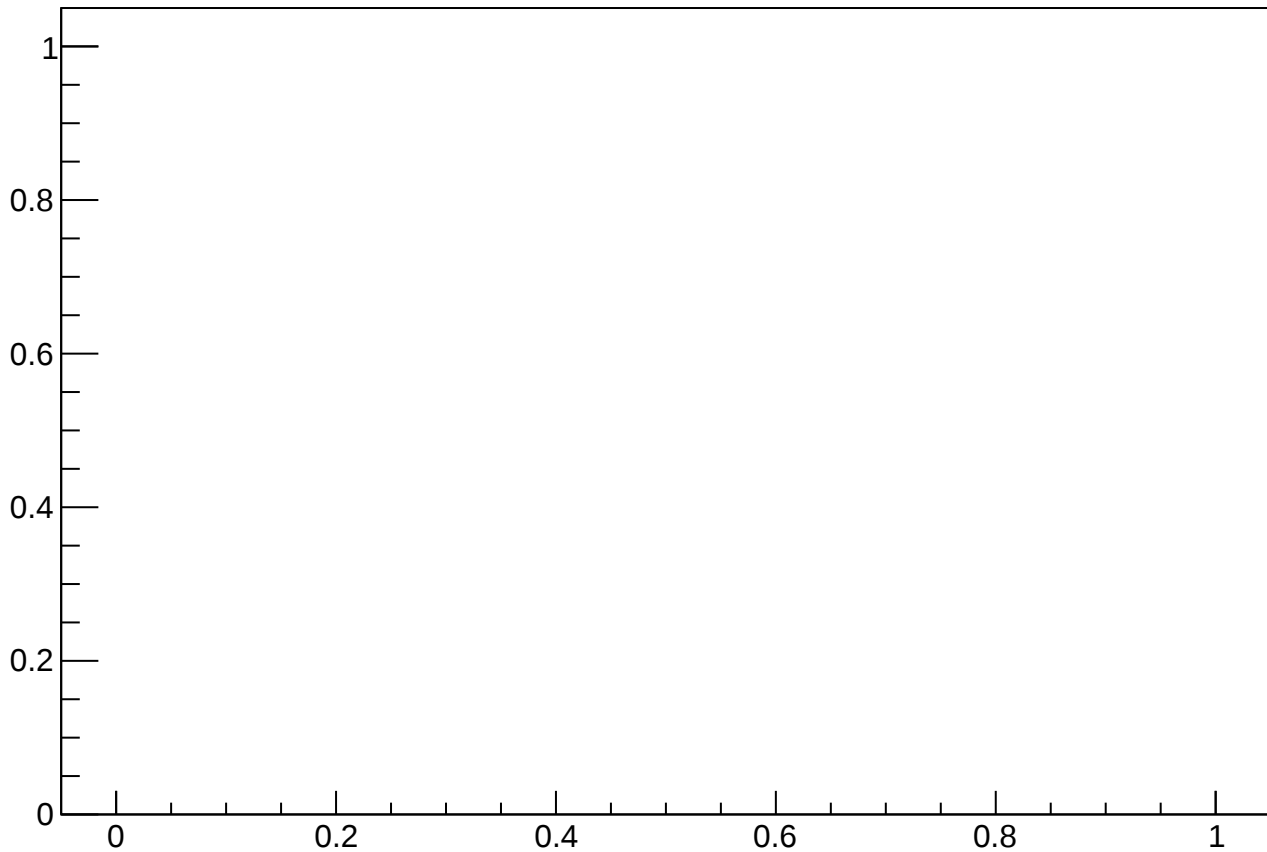
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

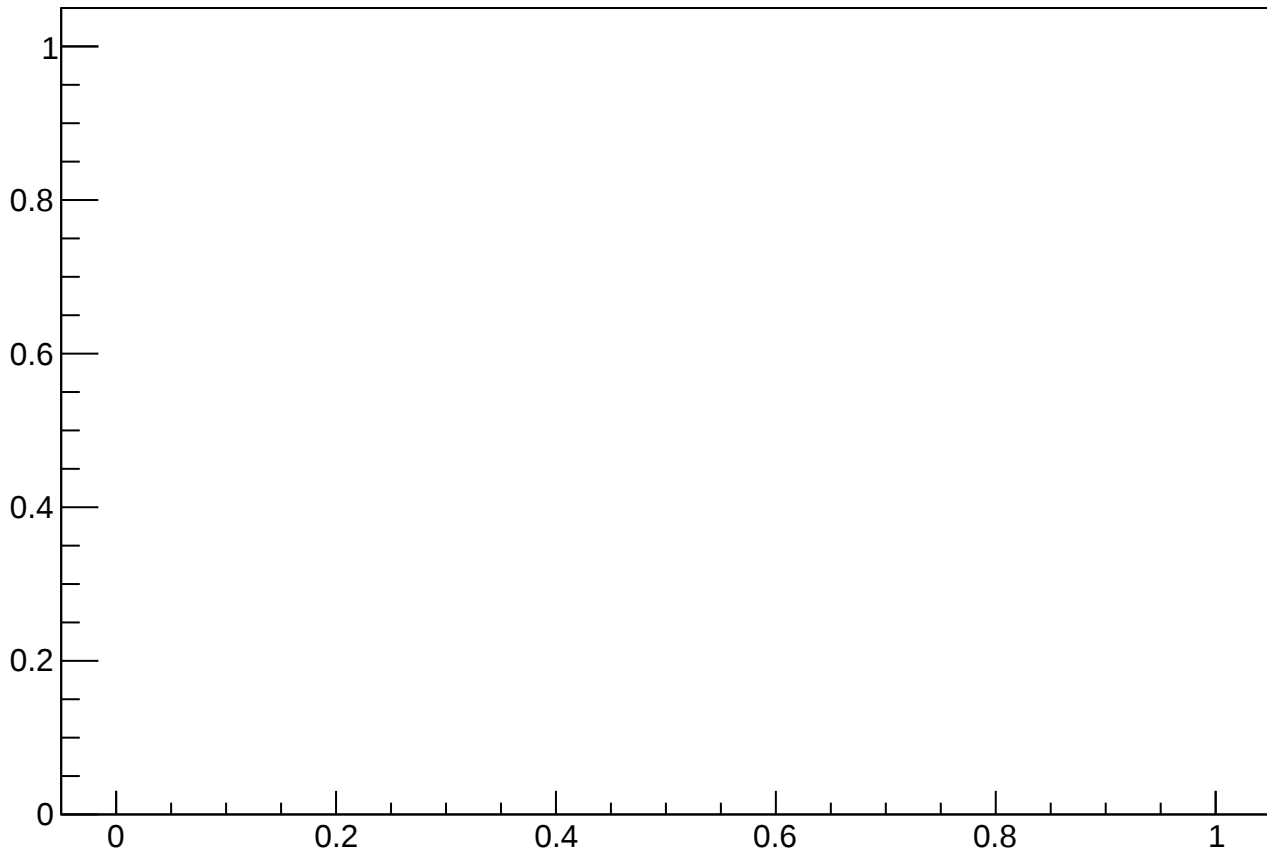
0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam_37_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

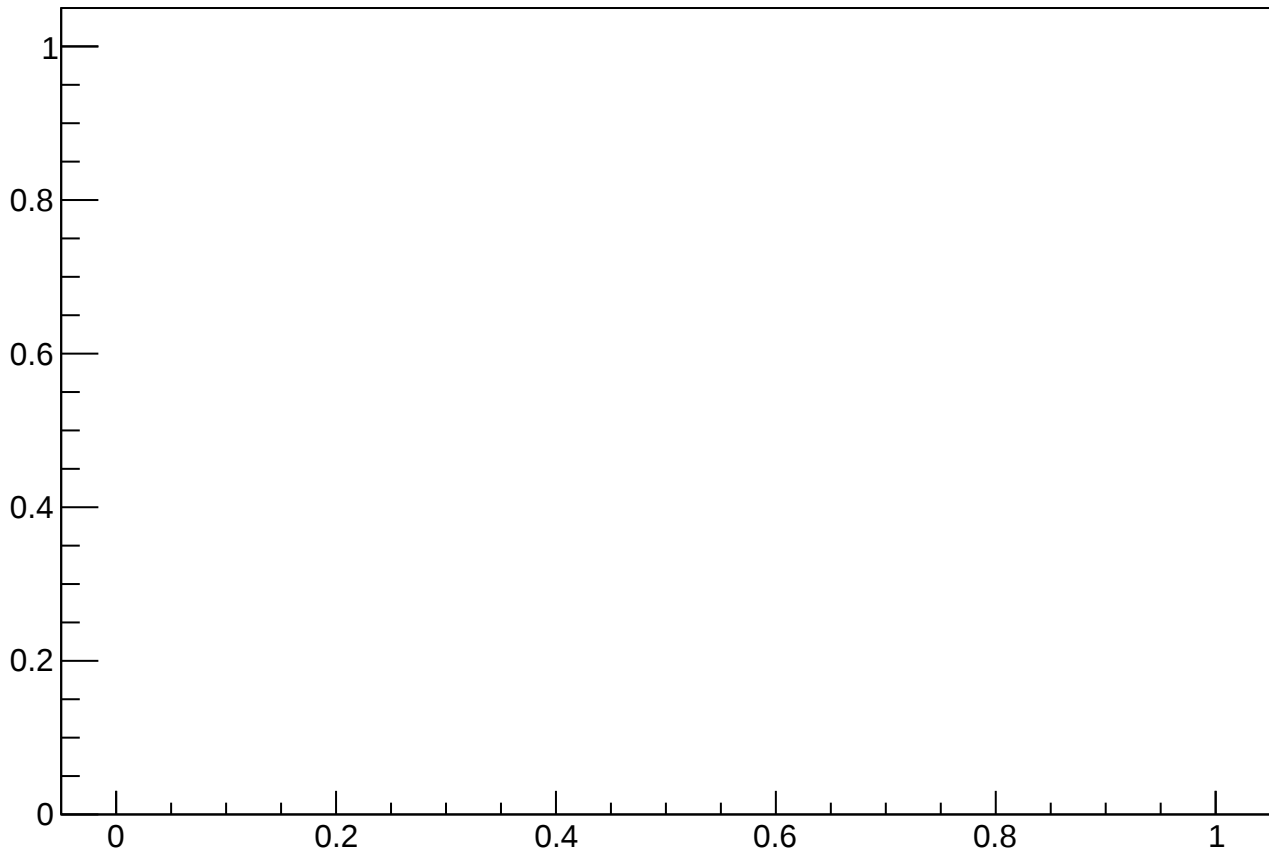
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

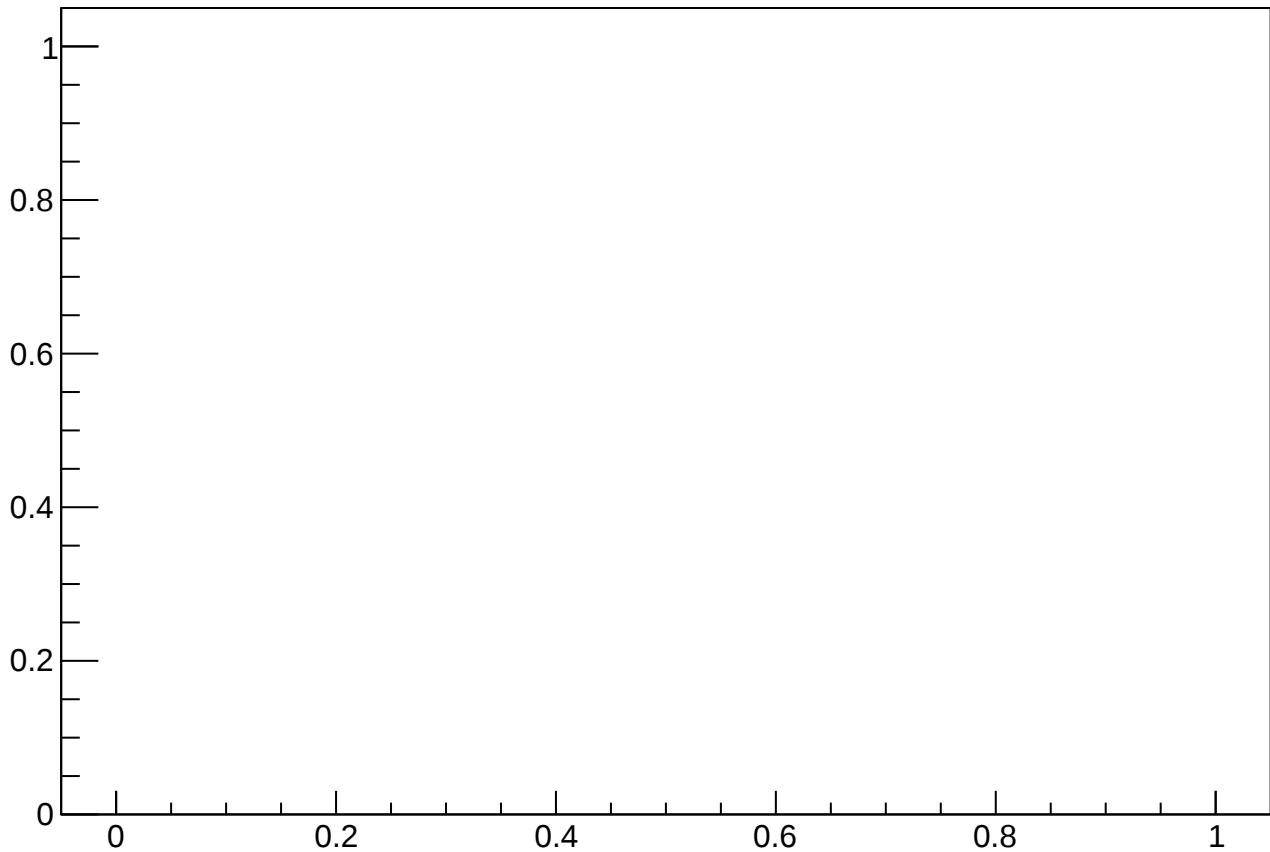
0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam_48_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

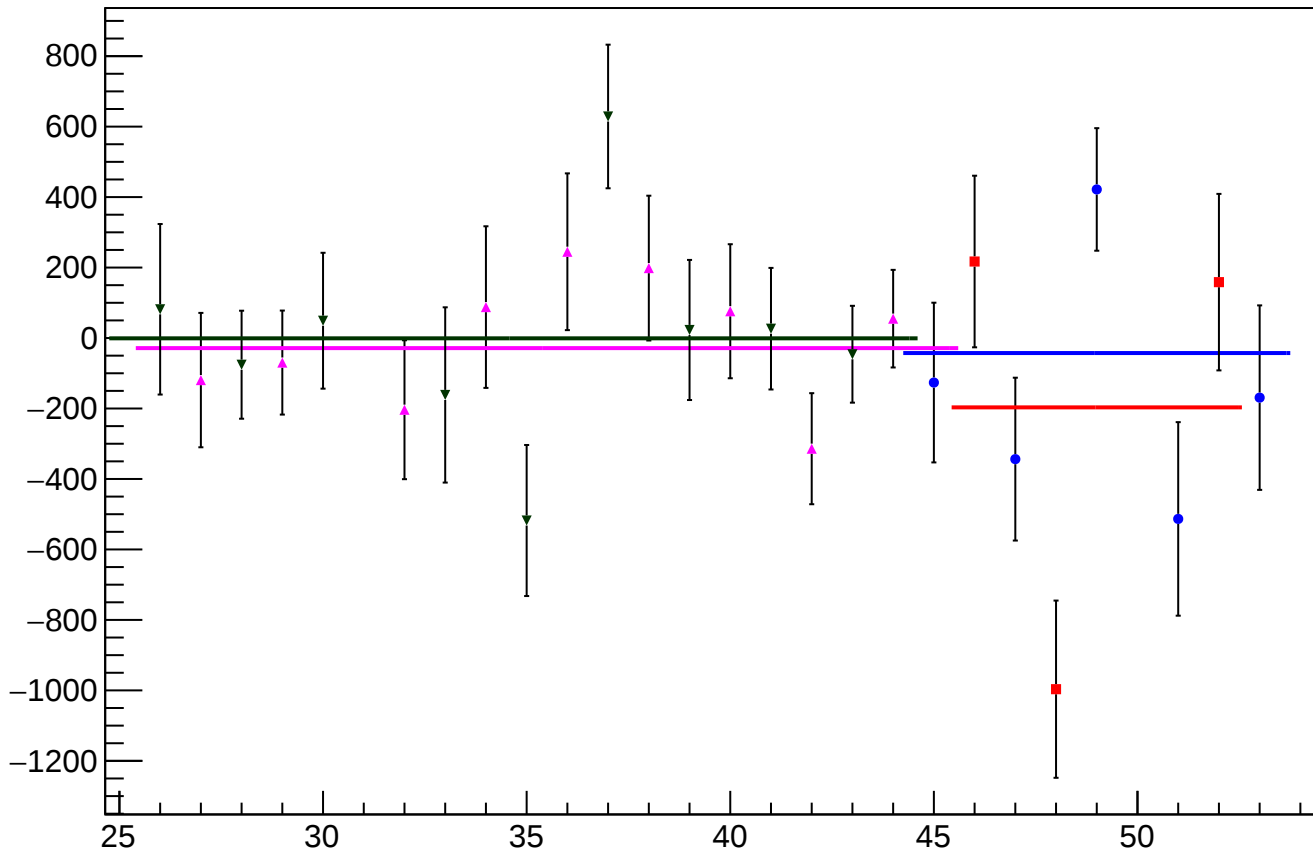
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -42.610 $\pm$ 100.444 χ^2 /NDF: 12.1/4

Left Out: -0.841 $\pm$ 61.970 χ^2 /NDF:16.4/8

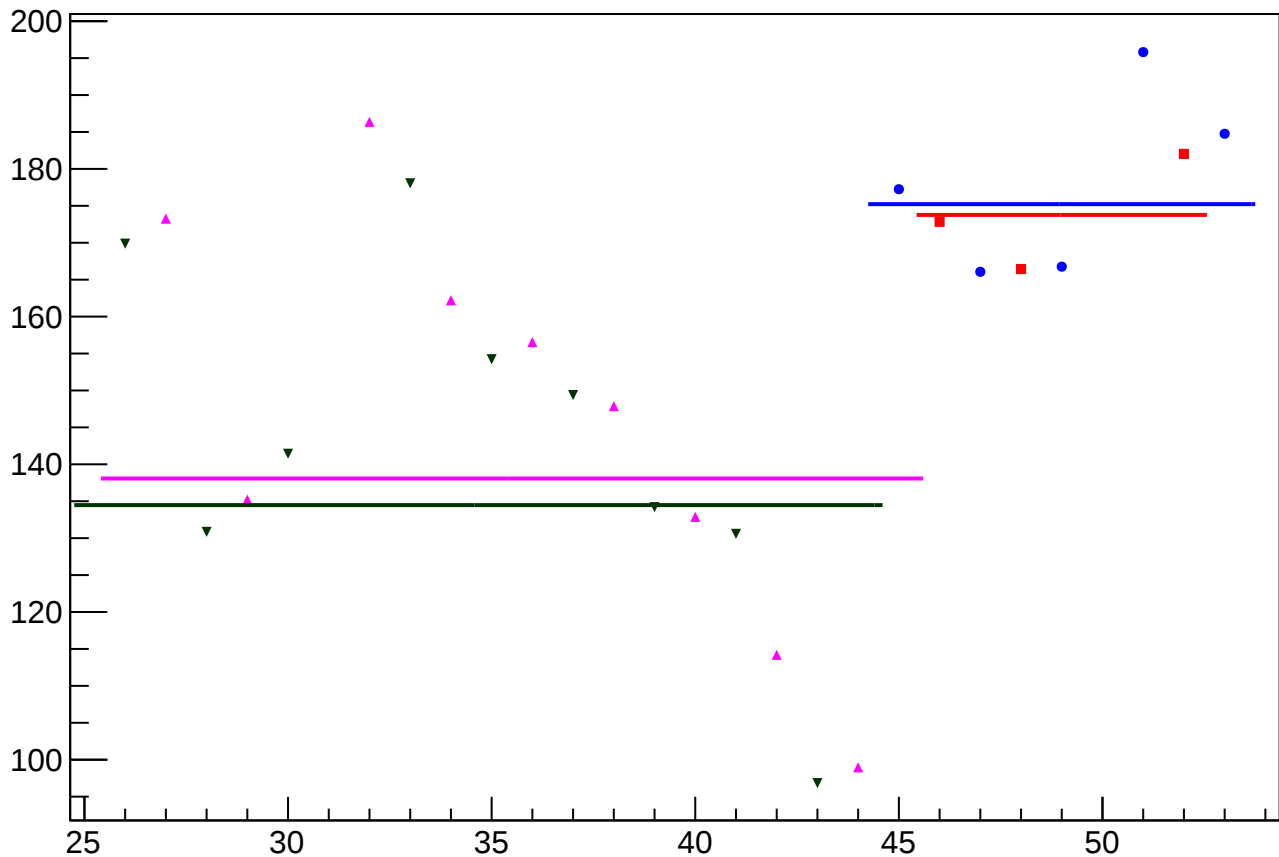
-12.357 $\pm$ 52.740 χ^2 /NDF: 28.6/13

Right Out: -196.804 $\pm$ 143.419 χ^2 /NDF: 15.0/2

-53.352 $\pm$ 54.989 χ^2 /NDF: 24.2/11

Left In: -28.630 $\pm$ 59.539 χ^2 /NDF:8.0/8

reg_asym_sam_15_avg_rms vs slug



Right In: 175.225+/-0.071 χ^2/NDF : 21927.4/4

Left Out: 134.474+/-0.044 χ^2/NDF :286634.1/8

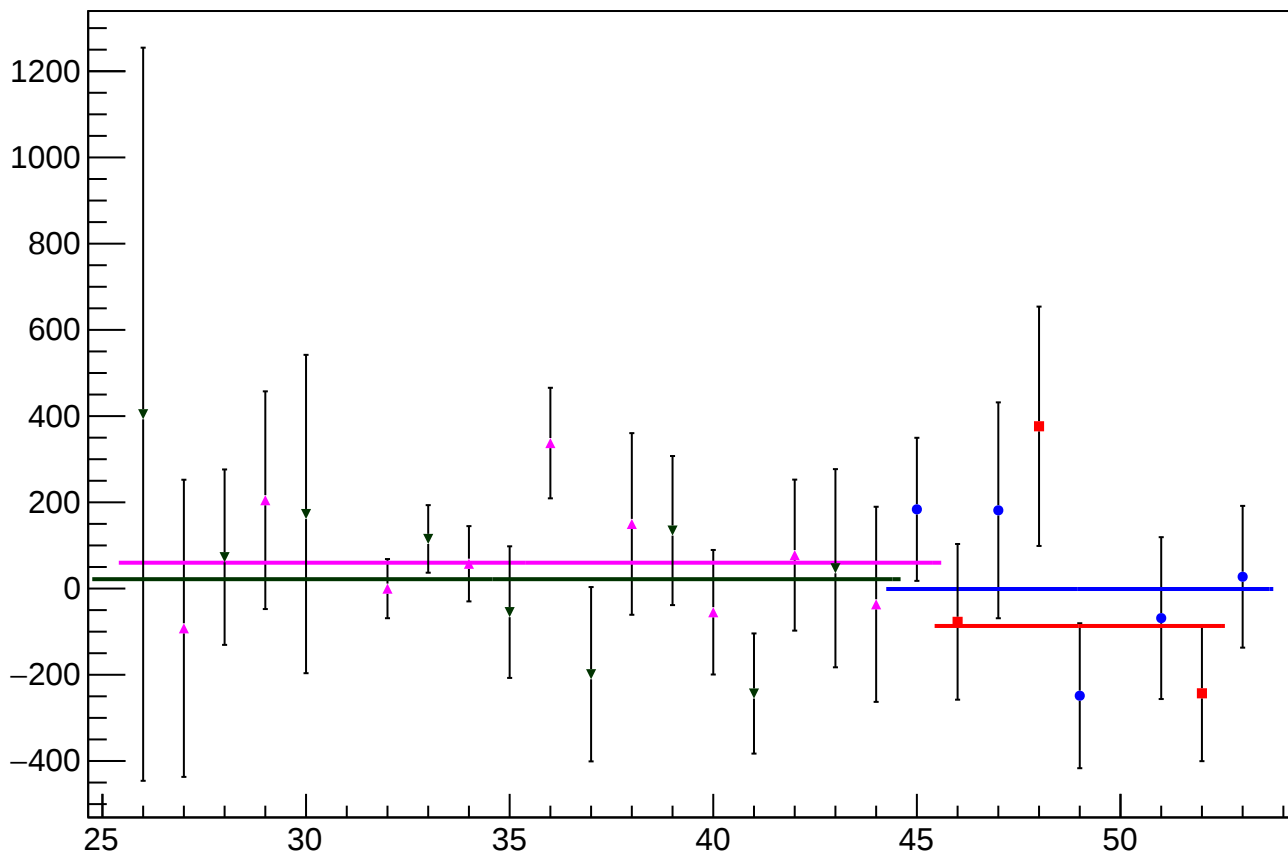
Right Out: 173.770+/-0.101 χ^2/NDF : 3902.3/2

Left In: 138.078+/-0.042 χ^2/NDF :436286.0/8

145.709+/-0.037 χ^2/NDF : 547004.6/13

143.325+/-0.039 χ^2/NDF : 545842.0/11

asym_sam_15_avg_correction_mean vs slug



Right In: -1.051 ± 80.841 $\chi^2/\text{NDF}: 4.1/4$

Left Out: 21.743 ± 52.206 $\chi^2/\text{NDF}: 7.4/8$

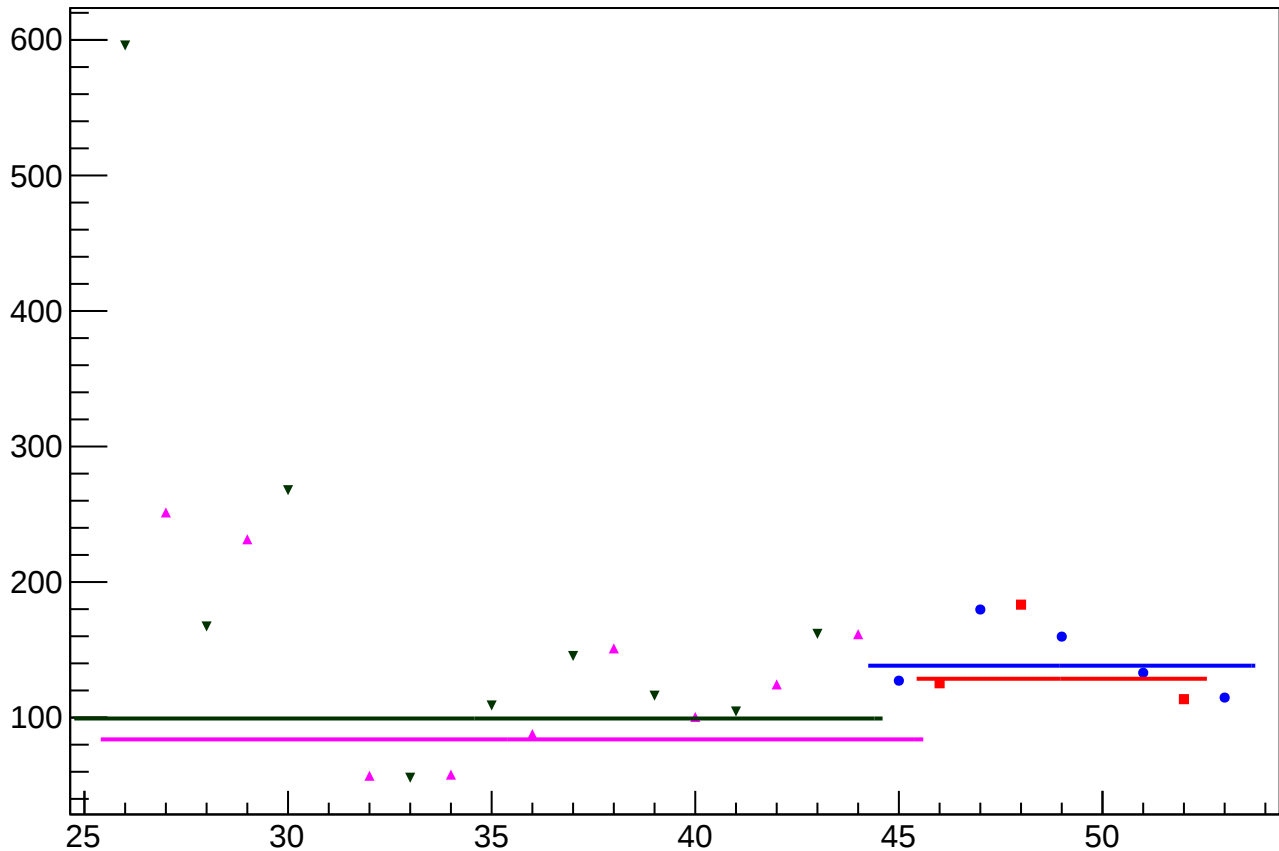
Right Out: -86.791 ± 109.107 $\chi^2/\text{NDF}: 3.8/2$

Left In: 59.919 ± 42.598 $\chi^2/\text{NDF}: 7.0/8$

15.035 ± 43.856 $\chi^2/\text{NDF}: 11.5/13$

40.514 ± 39.681 $\chi^2/\text{NDF}: 12.3/11$

asym_sam_15_avg_correction_rms vs slug



Right In: 138.283+/-0.057 χ^2/NDF : 138793.6/4

Left Out: 99.318+/-0.037 χ^2/NDF :2224371.1/8

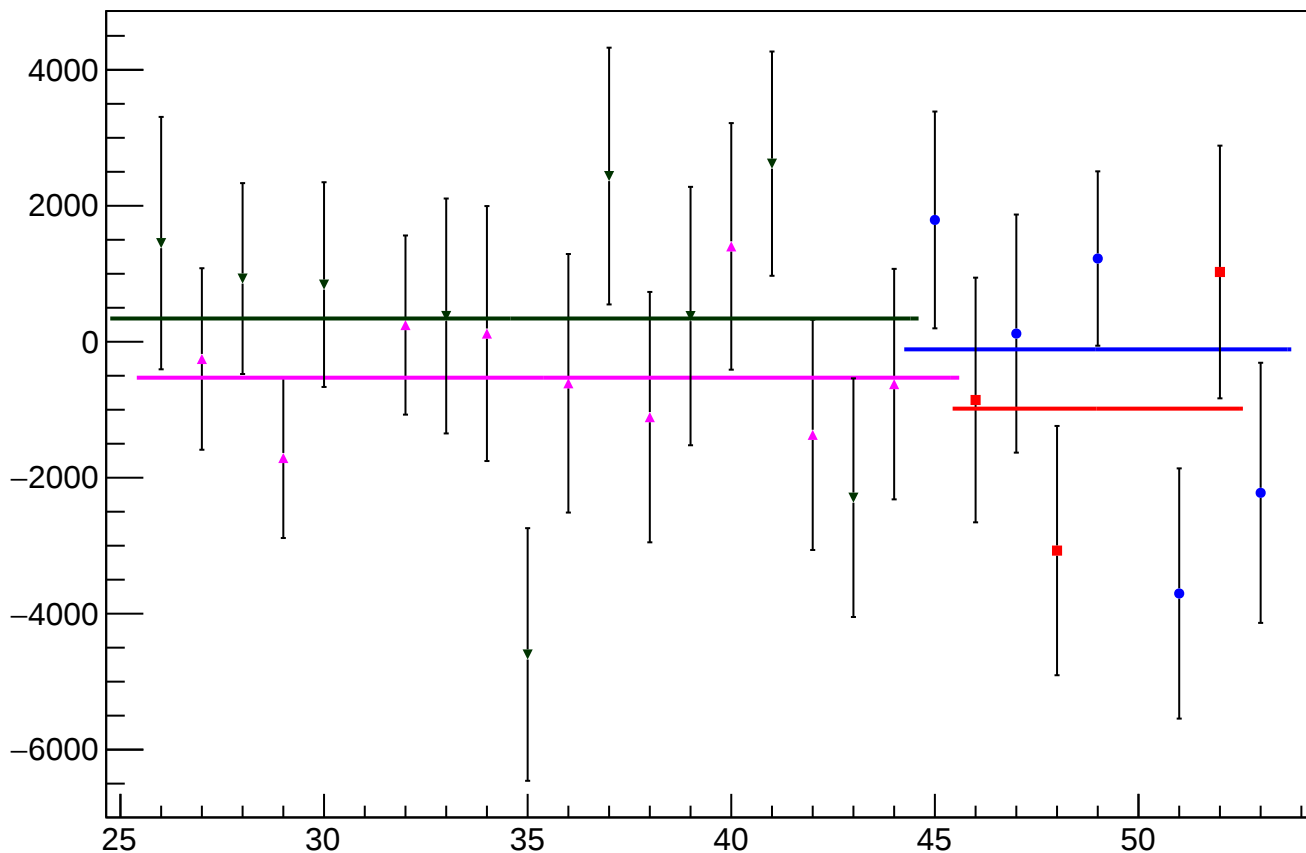
Right Out: 128.643+/-0.077 χ^2/NDF : 96547.3/2

Left In: 83.913+/-0.030 χ^2/NDF :2212587.0/8

110.785+/-0.031 χ^2/NDF : 2691060.6/13

89.829+/-0.028 χ^2/NDF : 2600814.7/11

reg_asym_sam_26_avg_mean vs slug



Right In: -111.921 ± 726.324 $\chi^2/\text{NDF}: 7.6/4$

Left Out: 342.094 ± 566.846 $\chi^2/\text{NDF}: 13.1/8$

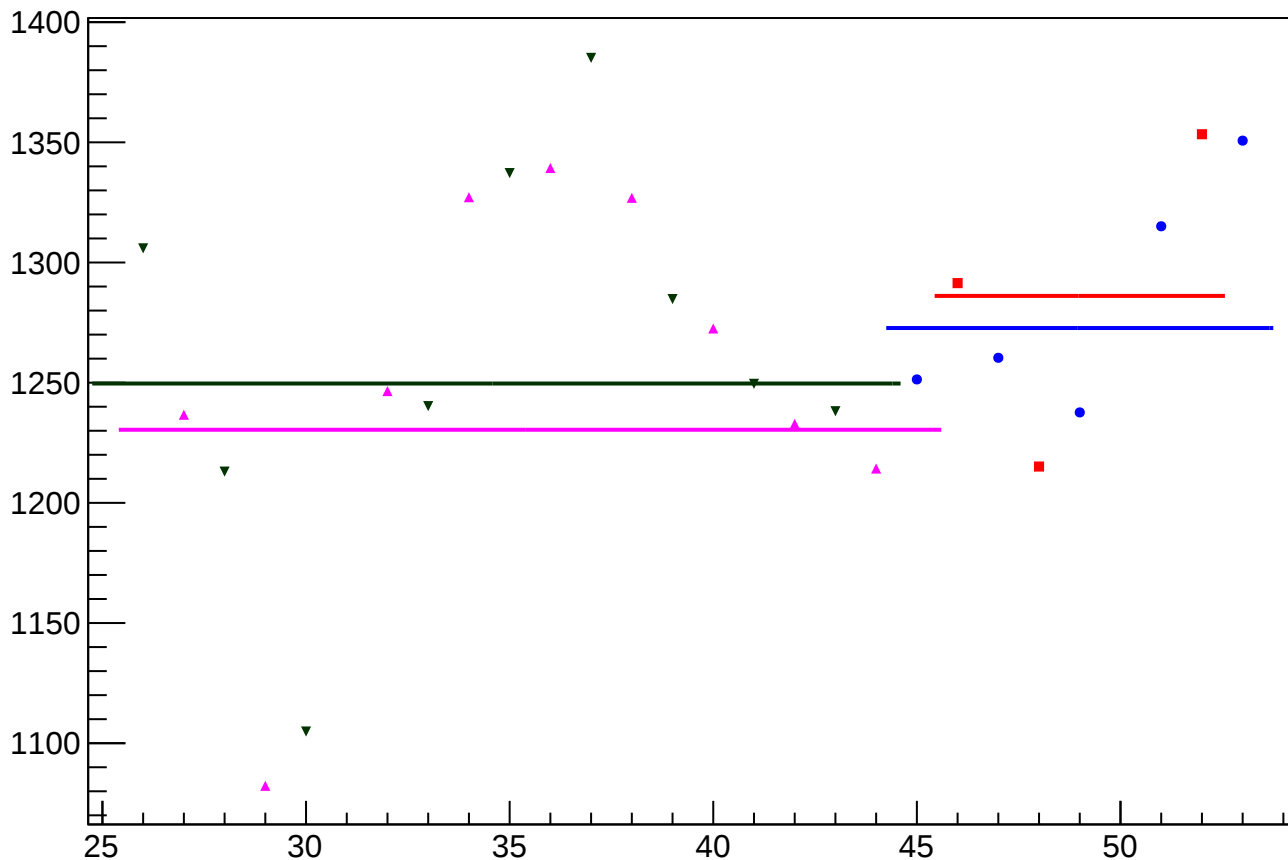
Right Out: -983.985 ± 1056.651 $\chi^2/\text{NDF}: 2.5/2$

Left In: -528.742 ± 518.835 $\chi^2/\text{NDF}: 3.0/8$

170.238 ± 446.866 $\chi^2/\text{NDF}: 20.9/13$

-617.179 ± 465.722 $\chi^2/\text{NDF}: 5.6/11$

reg_asym_sam_26_avg_rms vs slug



Right In: 1272.741+/-0.514 χ^2/NDF : 6336.6/4

Left Out: 1249.652+/-0.401 χ^2/NDF :37250.0/8

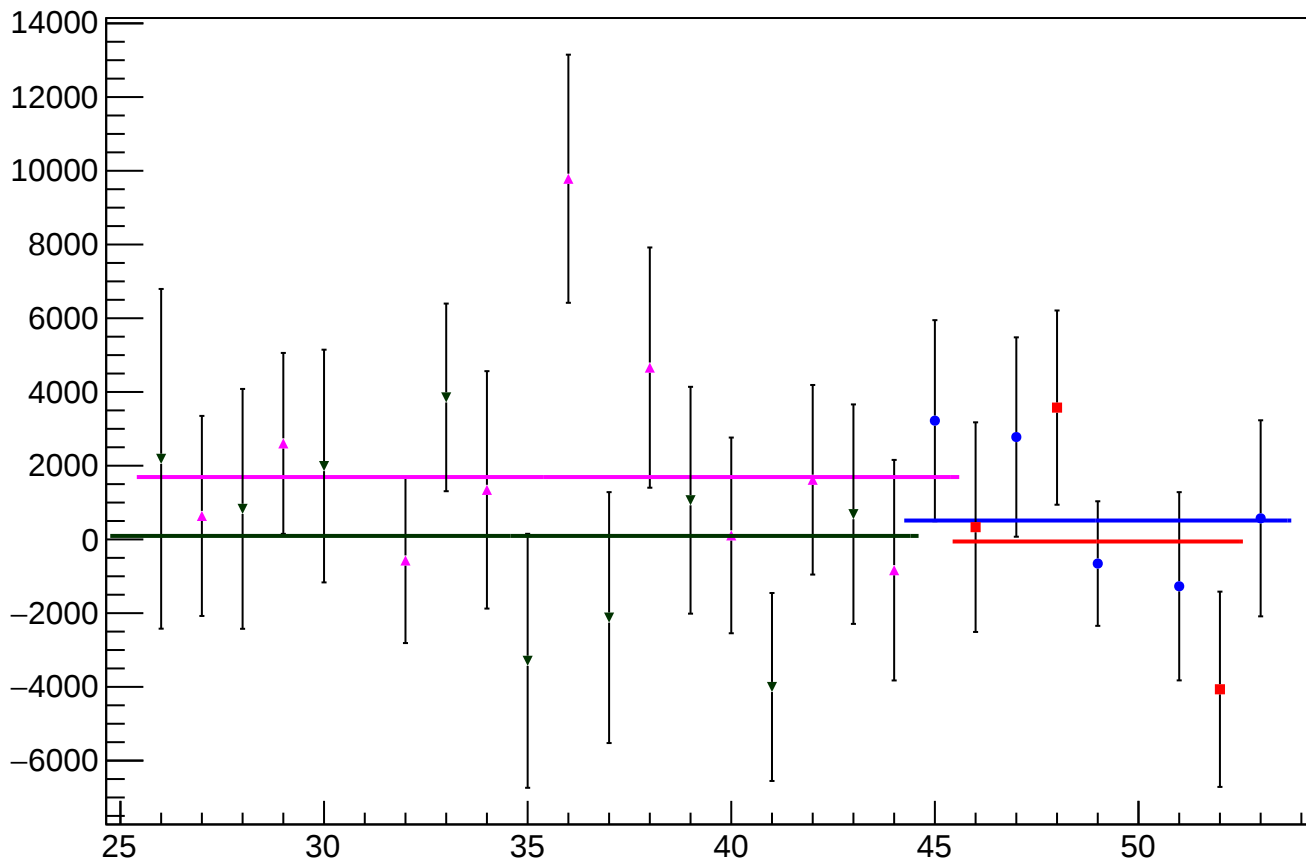
Right Out: 1286.102+/-0.747 χ^2/NDF : 5634.5/2

Left In: 1230.414+/-0.367 χ^2/NDF :50656.3/8

1258.392+/-0.316 χ^2/NDF : 44842.6/13

1241.232+/-0.329 χ^2/NDF : 60766.9/11

asym_sam_26_avg_correction_mean vs slug



Right In: 512.678 ± 1044.716 χ^2/NDF : 2.7/4

Left Out: 95.135 ± 1031.834 χ^2/NDF : 6.9/8

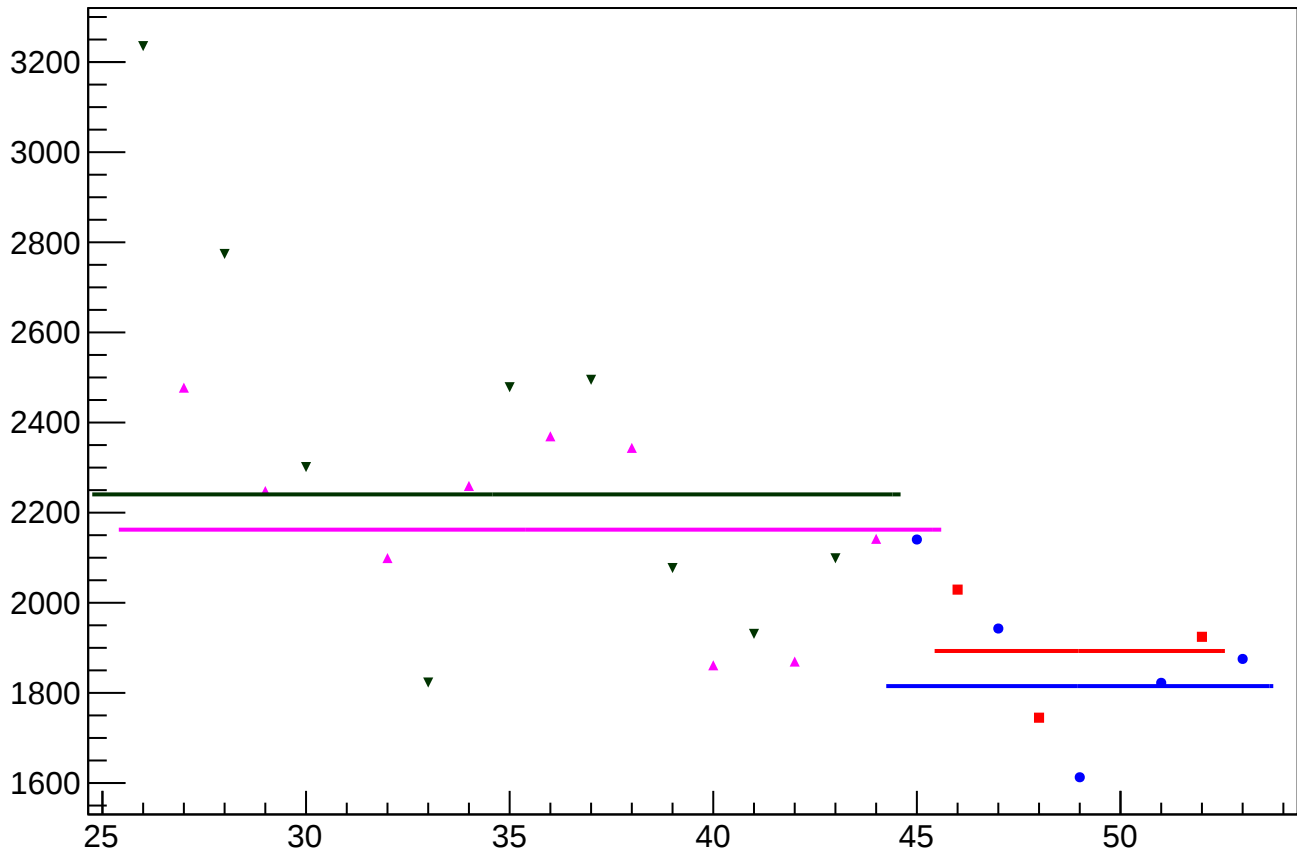
Right Out: -56.191 ± 1561.177 χ^2/NDF : 4.2/2

Left In: 1692.209 ± 918.693 χ^2/NDF : 9.0/8

301.316 ± 734.129 χ^2/NDF : 9.6/13

1242.491 ± 791.775 χ^2/NDF : 14.1/11

asym_sam_26_avg_correction_rms vs slug



Right In: 1815.094+/-0.739 χ^2/NDF : 62639.5/4

Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

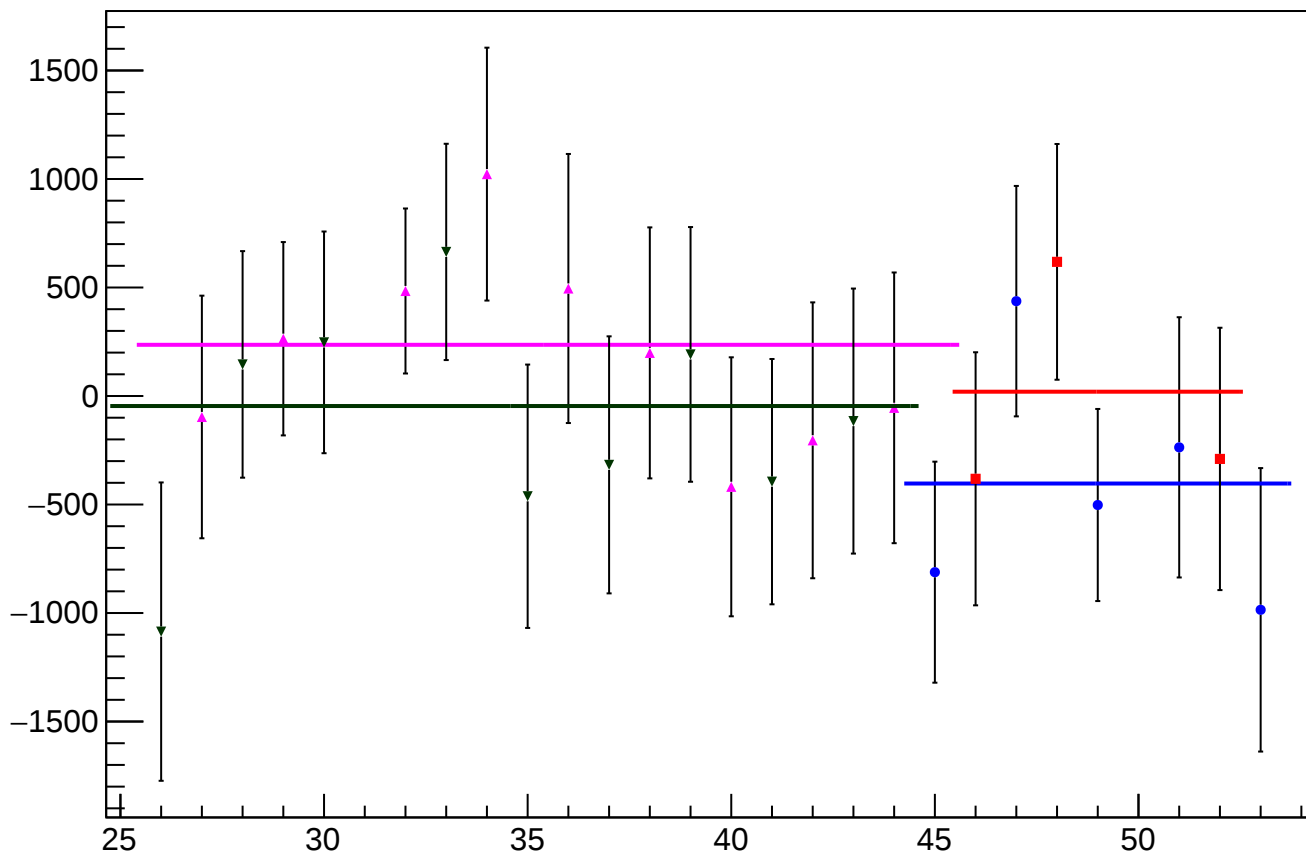
2030.450+/-0.519 χ^2/NDF : 492471.9/13

Right Out: 1893.016+/-1.104 χ^2/NDF : 11186.0/2

2093.013+/-0.560 χ^2/NDF : 153706.1/11

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

reg_asym_sam_37_avg_mean vs slug



Right In: -403.280 ± 238.134 $\chi^2/\text{NDF}: 4.1/4$

Left Out: -46.161 ± 189.227 $\chi^2/\text{NDF}: 6.0/8$

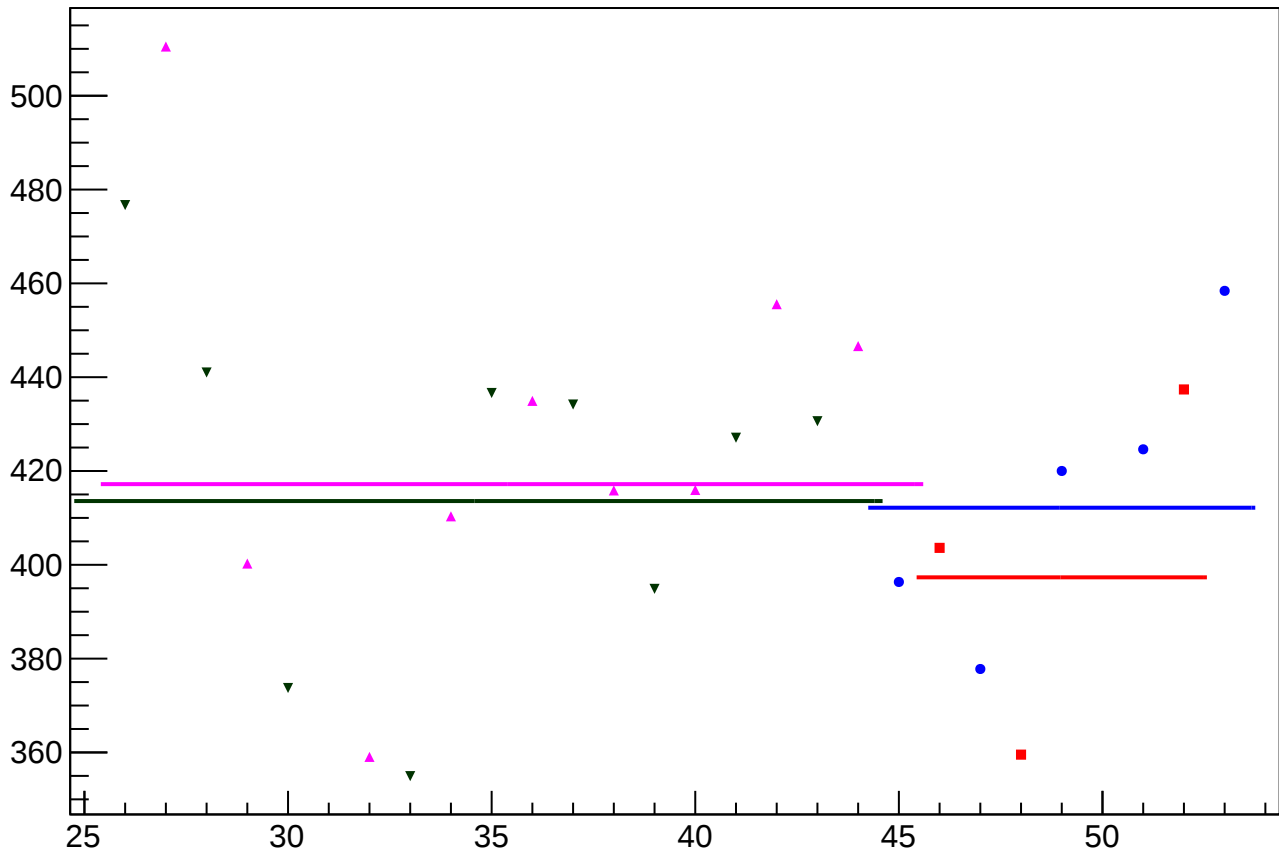
Right Out: 19.843 ± 332.079 $\chi^2/\text{NDF}: 1.9/2$

Left In: 235.930 ± 178.034 $\chi^2/\text{NDF}: 4.7/8$

-184.380 ± 148.149 $\chi^2/\text{NDF}: 11.5/13$

187.688 ± 156.907 $\chi^2/\text{NDF}: 7.0/11$

reg_asym_sam_37_avg_rms vs slug



Right In: 412.173+/-0.168 χ^2/NDF : 21830.8/4

Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

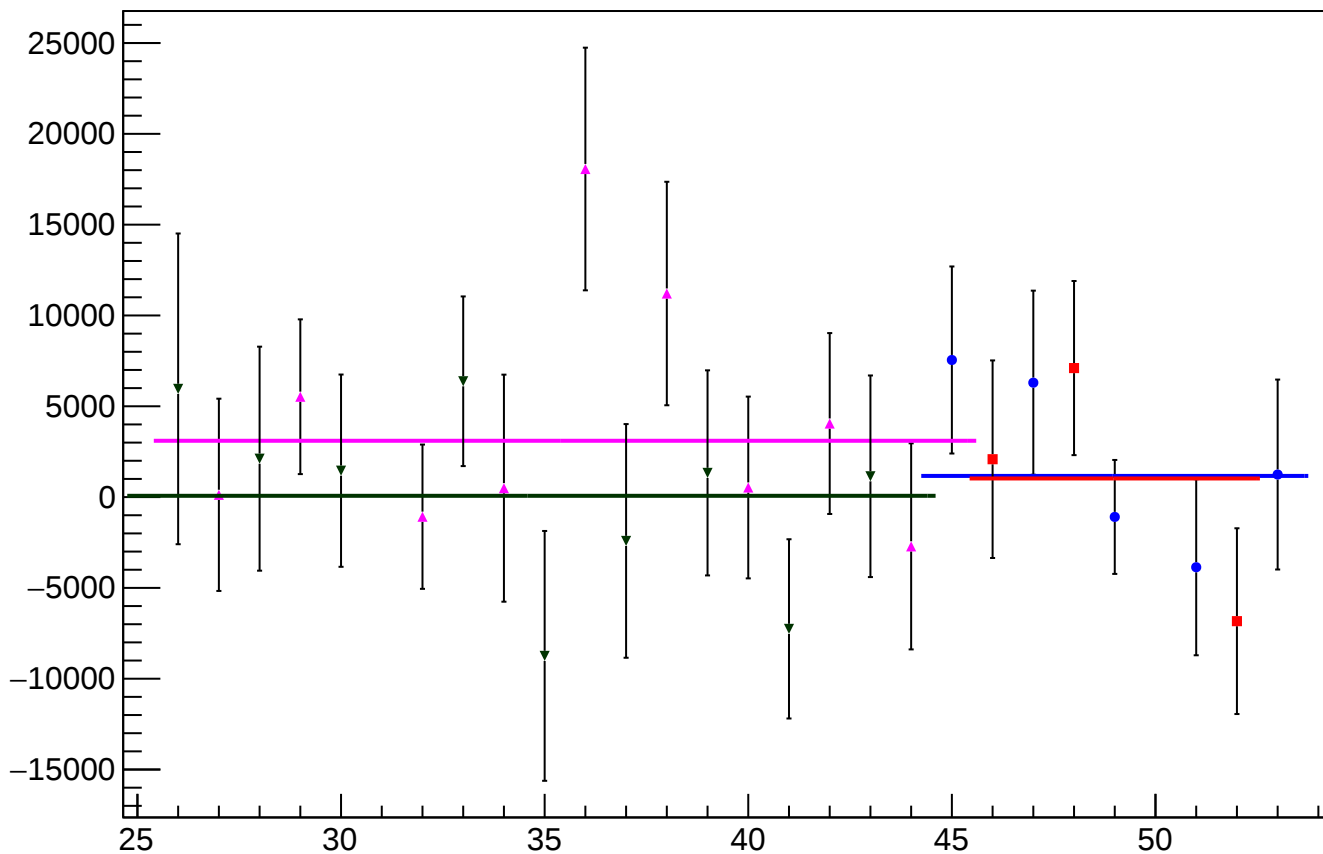
Right Out: 397.329+/-0.235 χ^2/NDF : 18701.1/2

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

413.044+/-0.105 χ^2/NDF : 94143.7/13

412.764+/-0.111 χ^2/NDF : 143325.0/11

asym_sam_37_avg_correction_mean vs slug



Right In: 1165.695 $\pm$ 1971.058 χ^2 /NDF: 4.2/4

Left Out: 70.645 $\pm$ 1918.480 χ^2 /NDF: 6.6/8

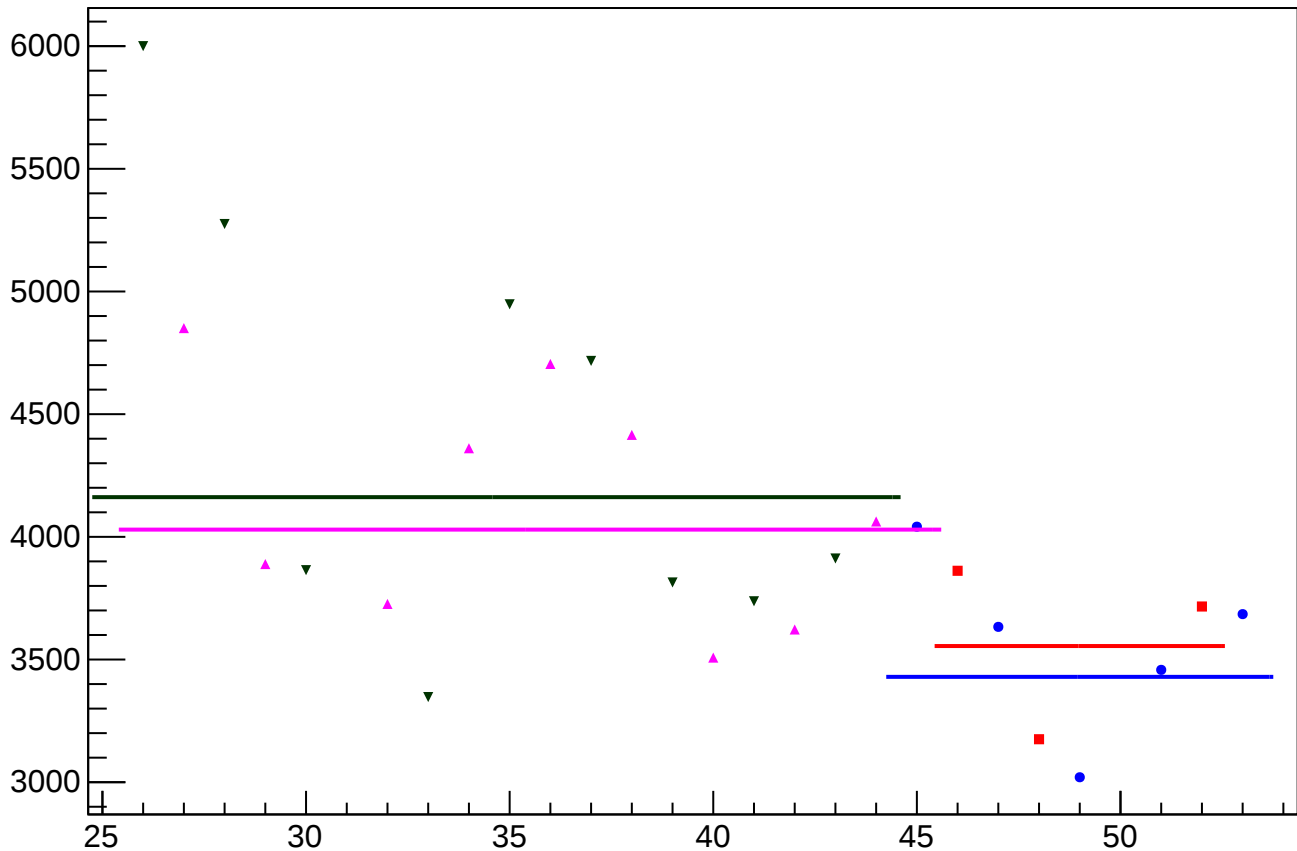
Right Out: 1024.960 $\pm$ 2941.717 χ^2 /NDF: 4.0/2

Left In: 3100.761 $\pm$ 1715.226 χ^2 /NDF: 10.0/8

603.370 $\pm$ 1374.783 χ^2 /NDF: 10.9/13

2574.100 $\pm$ 1481.746 χ^2 /NDF: 14.4/11

asym_sam_37_avg_correction_rms vs slug



Right In: 3429.393 ± 1.394 χ^2/NDF : 70376.8/4

Left Out: 4161.804 ± 1.357 χ^2/NDF : 292155.7/8

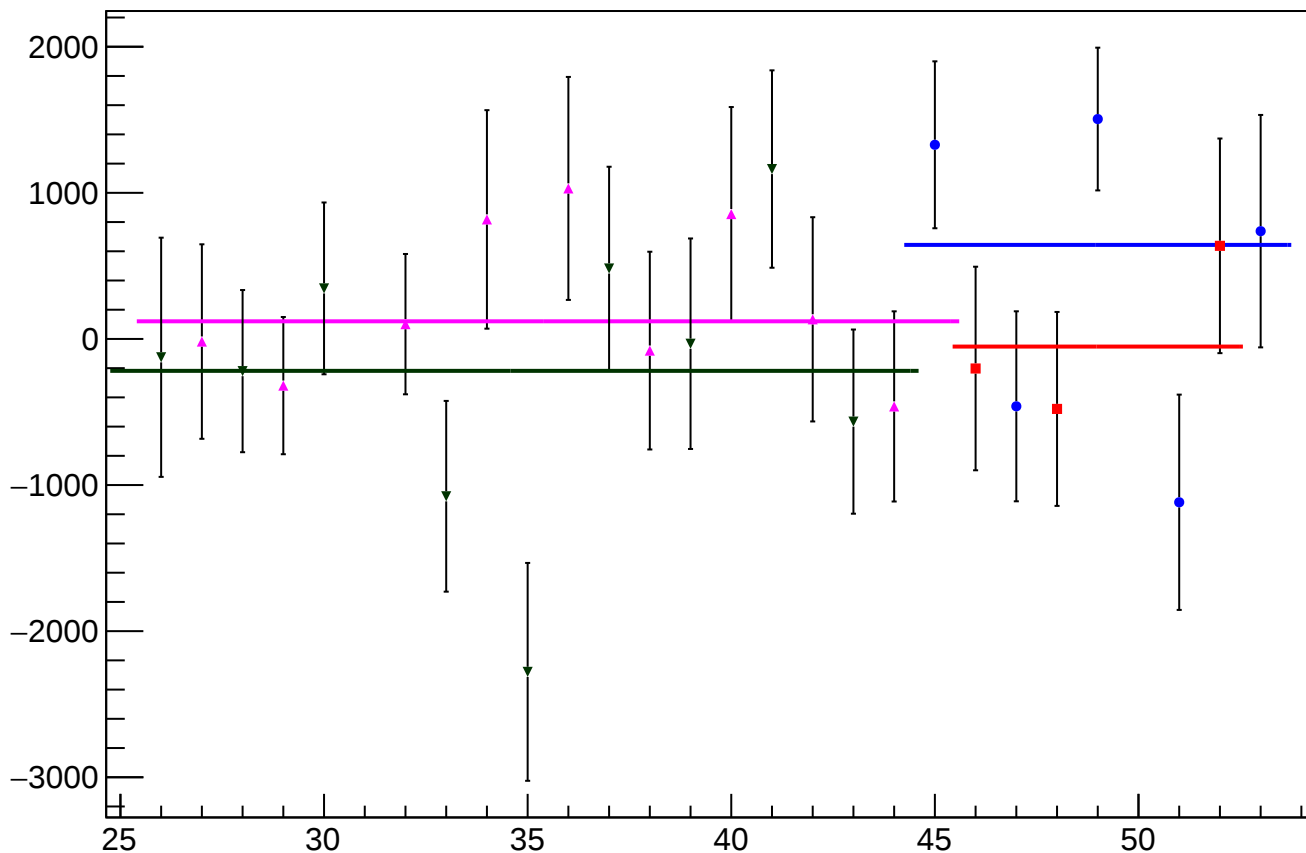
Right Out: 3554.987 ± 2.080 χ^2/NDF : 20902.7/2

Left In: 4029.509 ± 1.213 χ^2/NDF : 131051.5/8

3805.497 ± 0.972 χ^2/NDF : 504338.5/13

3909.116 ± 1.048 χ^2/NDF : 190791.2/11

reg_asym_sam_48_avg_mean vs slug



Right In: 643.679 ± 276.901 χ^2/NDF : 13.2/4

Left Out: -218.435 ± 220.998 χ^2/NDF : 15.9/8

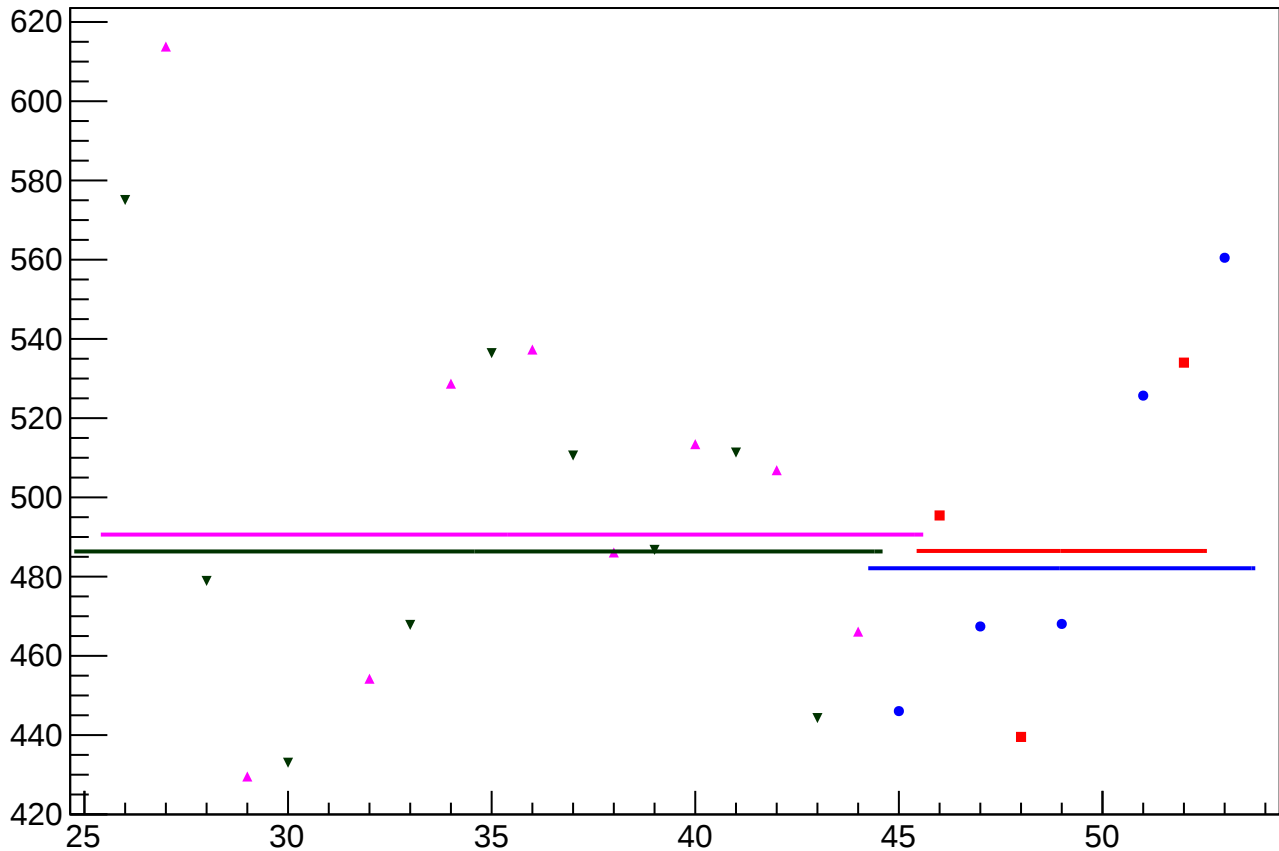
Right Out: -52.212 ± 402.140 χ^2/NDF : 1.3/2

Left In: 120.677 ± 208.123 χ^2/NDF : 5.1/8

117.030 ± 172.730 χ^2/NDF : 34.9/13

84.152 ± 184.836 χ^2/NDF : 6.6/11

reg_asym_sam_48_avg_rms vs slug



Right In: 482.113 ± 0.196 χ^2/NDF : 37055.9/4

Left Out: 486.351 ± 0.156 χ^2/NDF : 64986.4/8

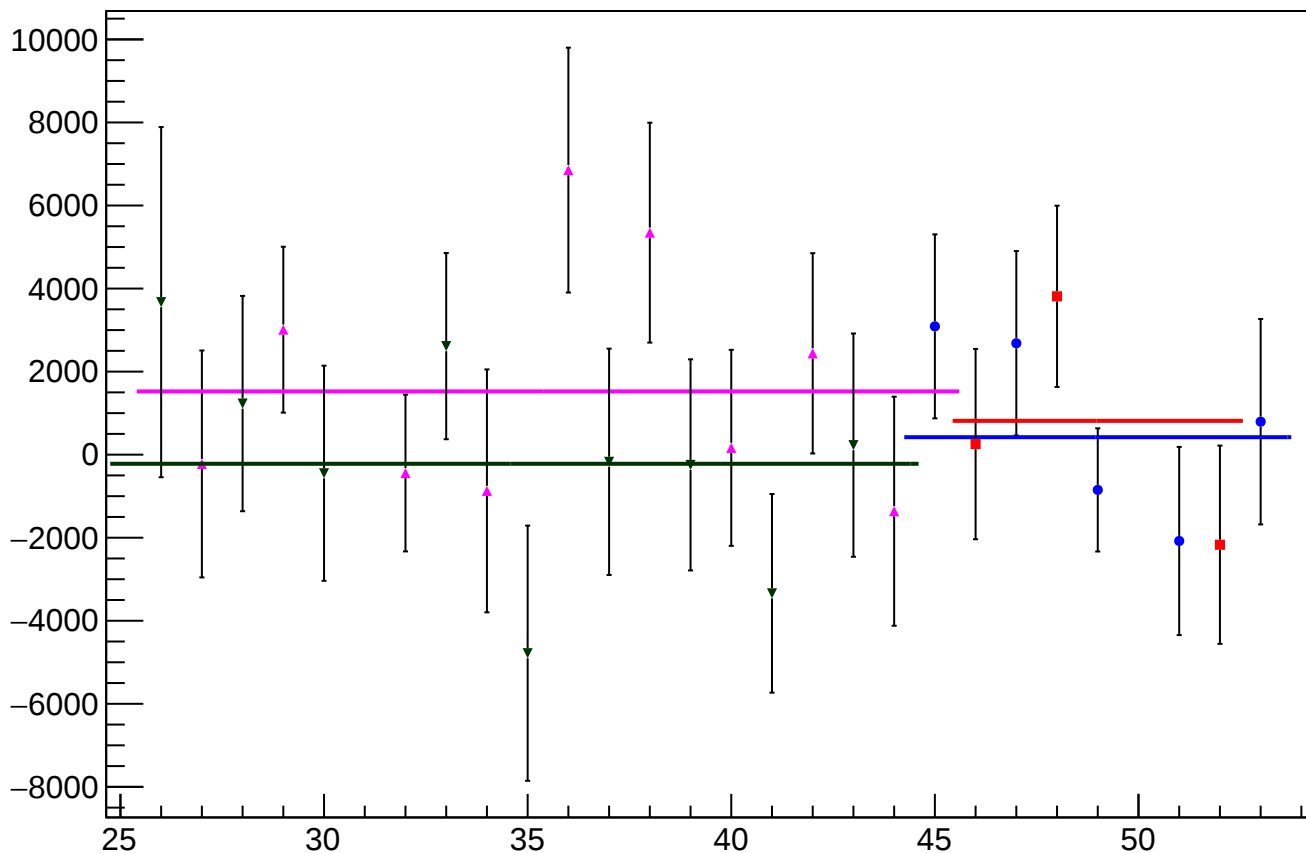
Right Out: 486.479 ± 0.284 χ^2/NDF : 18711.6/2

Left In: 490.611 ± 0.147 χ^2/NDF : 132414.1/8

484.701 ± 0.122 χ^2/NDF : 102328.5/13

489.738 ± 0.131 χ^2/NDF : 151292.3/11

asym_sam_48_avg_correction_mean vs slug



Right In: 420.462 $\pm$ 905.612 χ^2 /NDF: 4.5/4

Left Out: -219.615 $\pm$ 890.368 χ^2 /NDF: 6.7/8

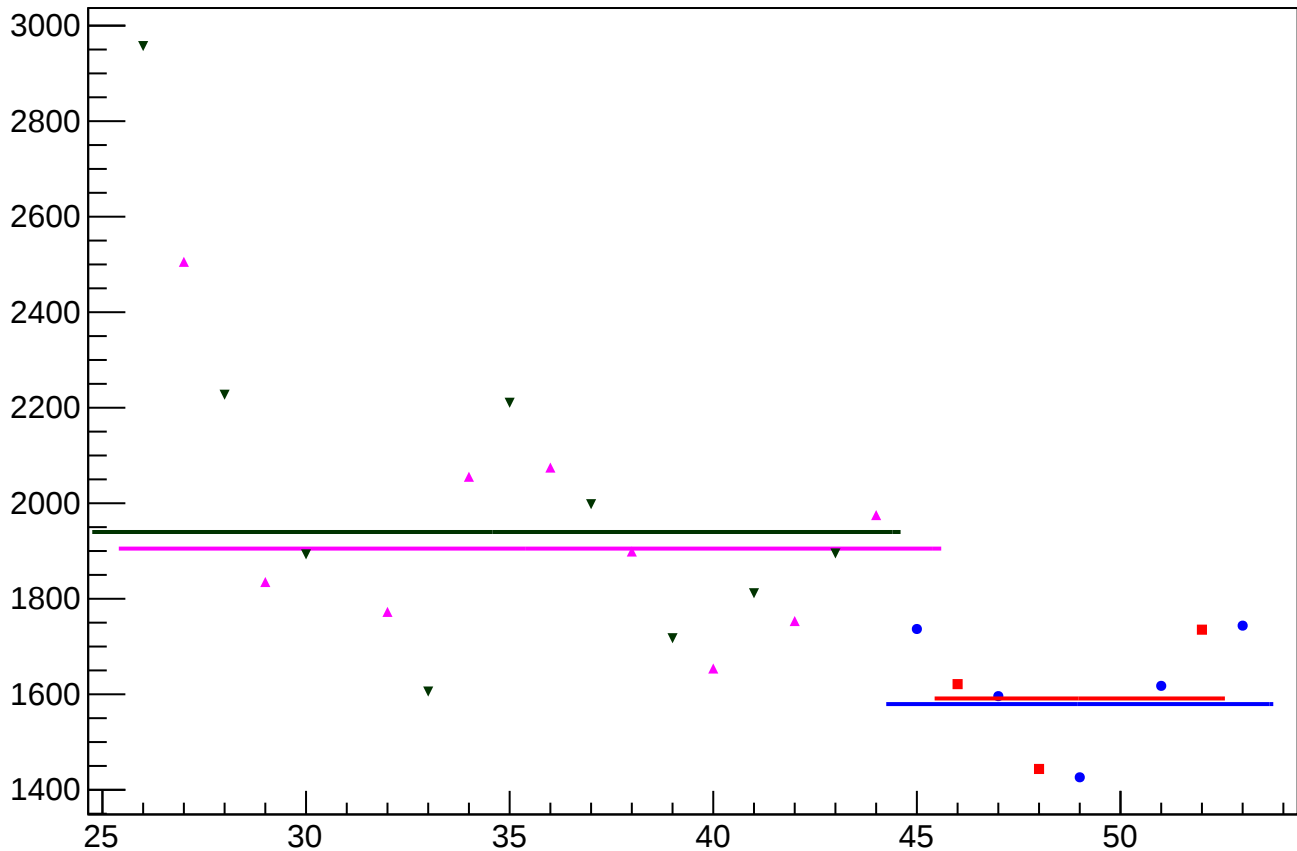
Right Out: 813.734 $\pm$ 1317.788 χ^2 /NDF: 3.5/2

Left In: 1523.165 $\pm$ 810.399 χ^2 /NDF: 9.6/8

94.991 $\pm$ 634.906 χ^2 /NDF: 11.4/13

1328.491 $\pm$ 690.311 χ^2 /NDF: 13.4/11

asym_sam_48_avg_correction_rms vs slug



Right In: 1579.521+/-0.640 χ^2/NDF : 40933.8/4

Left Out: 1939.826+/-0.630 χ^2/NDF :224098.1/8

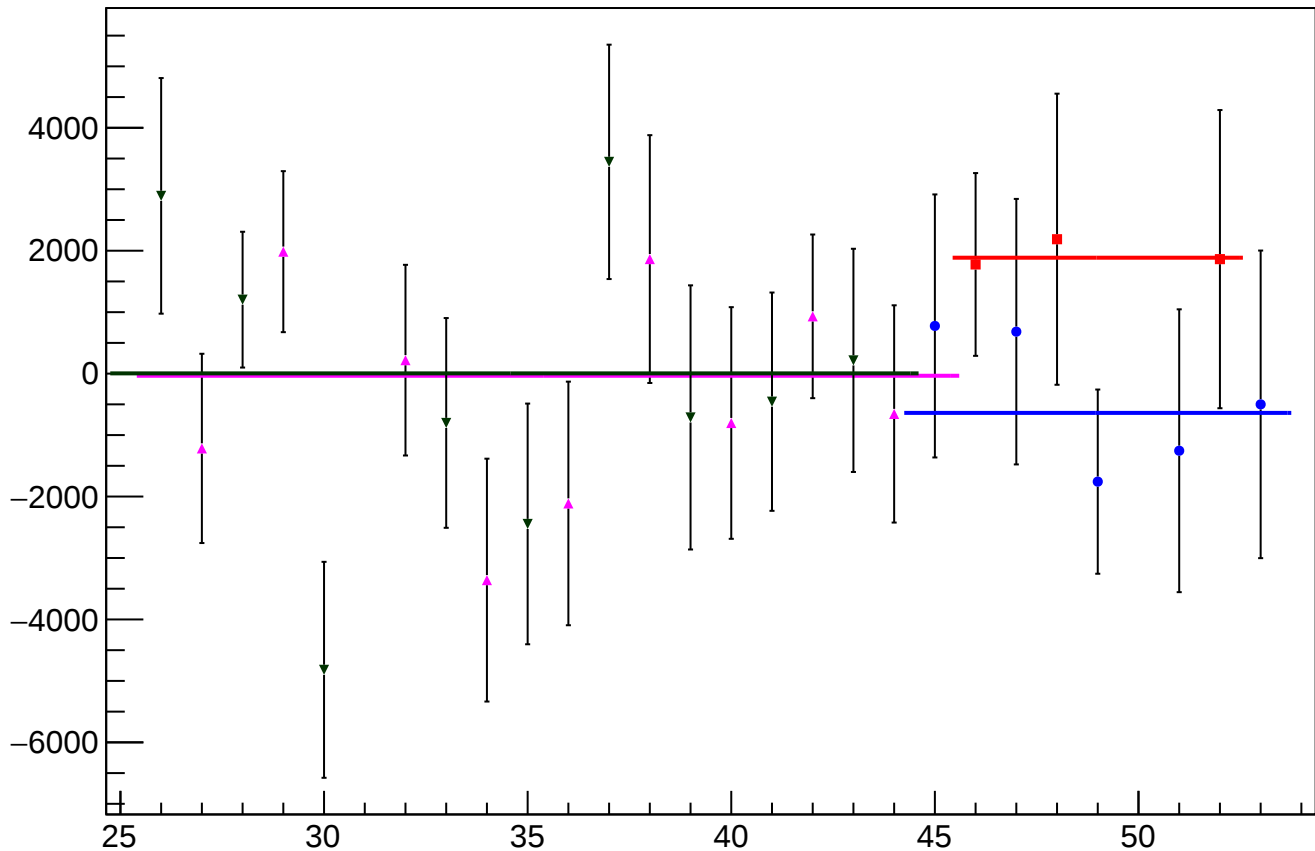
Right Out: 1591.267+/-0.932 χ^2/NDF : 16775.6/2

Left In: 1905.071+/-0.573 χ^2/NDF :152641.8/8

1762.731+/-0.449 χ^2/NDF : 426010.4/13

1818.960+/-0.488 χ^2/NDF : 251707.3/11

asym_sam_15_dd_mean vs slug



Right In: -638.947 ± 902.989 $\chi^2/\text{NDF}: 1.4/4$

Left Out: 4.096 ± 565.128 $\chi^2/\text{NDF}: 16.2/8$

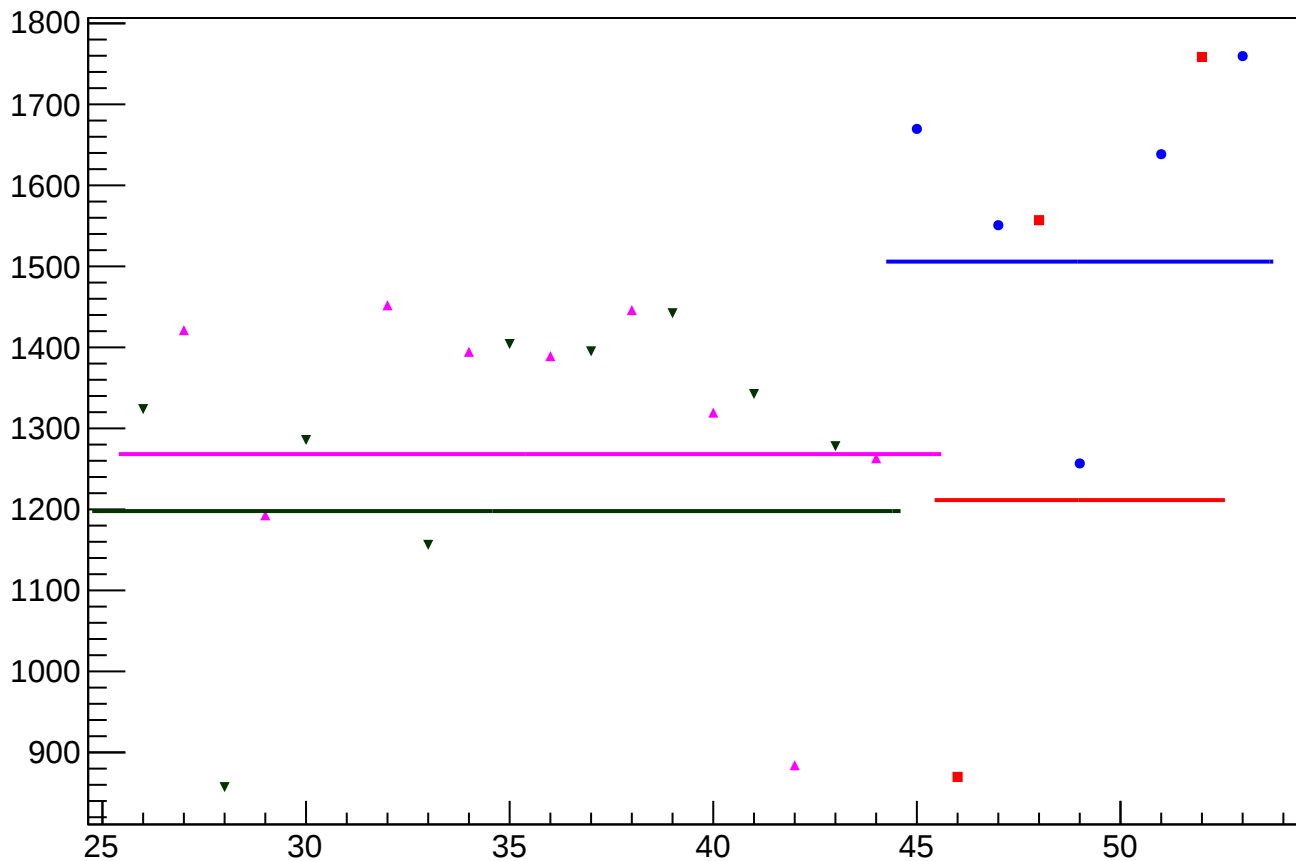
-176.884 ± 479.046 $\chi^2/\text{NDF}: 18.0/13$

Right Out: 1886.197 ± 1117.756 $\chi^2/\text{NDF}: 0.0/2$

Left In: -34.637 ± 546.991 $\chi^2/\text{NDF}: 8.6/8$

336.486 ± 491.316 $\chi^2/\text{NDF}: 11.0/11$

asym_sam_15_dd_rms vs slug



Right In: 1505.884+/-0.639 χ^2/NDF : 95062.4/4

Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

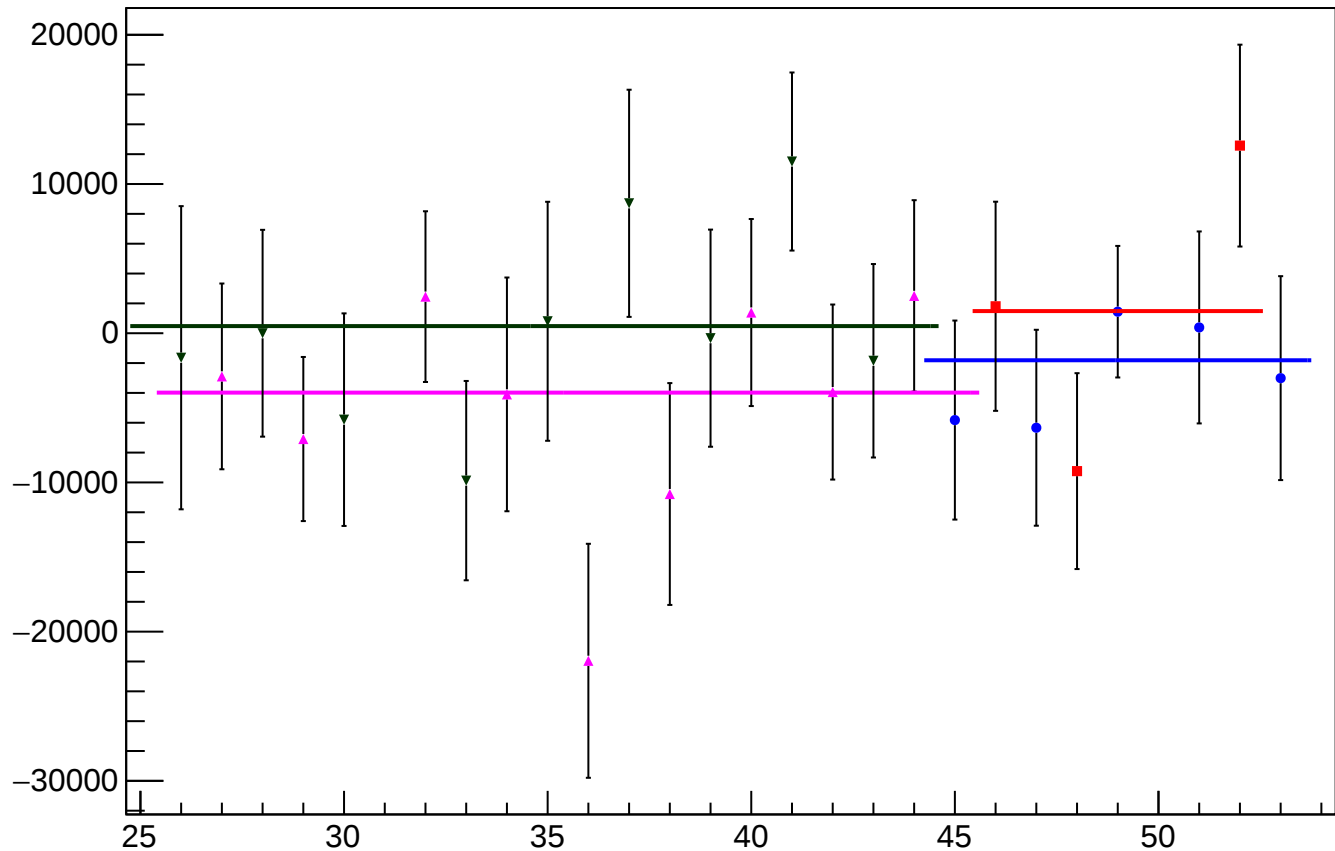
Right Out: 1211.478+/-0.790 χ^2/NDF : 249872.1/2

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

1284.602+/-0.339 χ^2/NDF : 553825.6/13

1257.275+/-0.347 χ^2/NDF : 507534.4/11

asym_sam_26_dd_mean vs slug



Right In: -1812.464+/-2647.048 χ^2/NDF : 1.5/4

Left Out: 477.708+/-2382.052 χ^2/NDF : 8.0/8

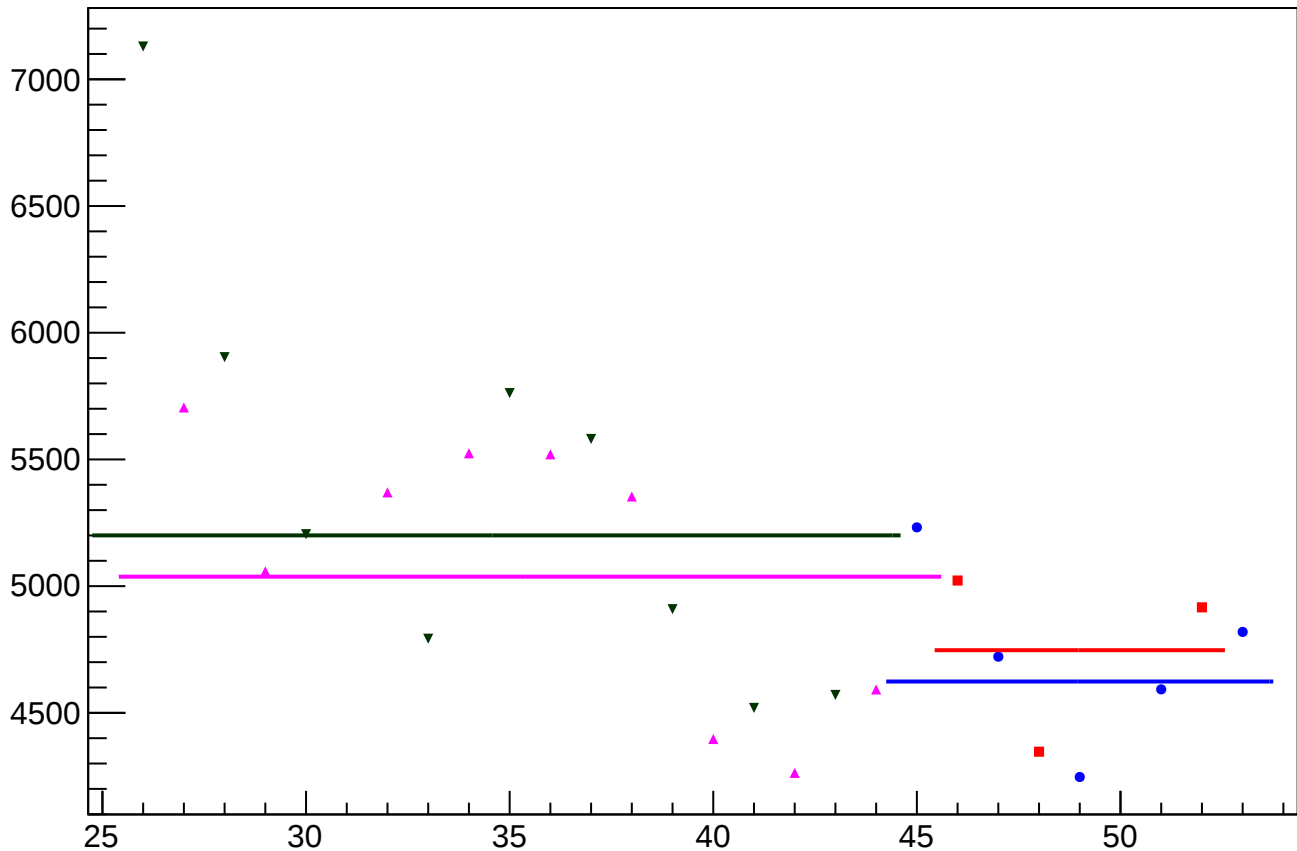
-547.038+/-1770.662 χ^2/NDF : 9.9/13

Right Out: 1484.003+/-3909.622 χ^2/NDF : 5.4/2

-2723.372+/-1875.360 χ^2/NDF : 16.3/11

Left In: -3980.767+/-2137.297 χ^2/NDF : 9.5/8

asym_sam_26_dd_rms vs slug



Right In: 4623.679+/-1.872 χ^2/NDF : 33380.9/4

Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

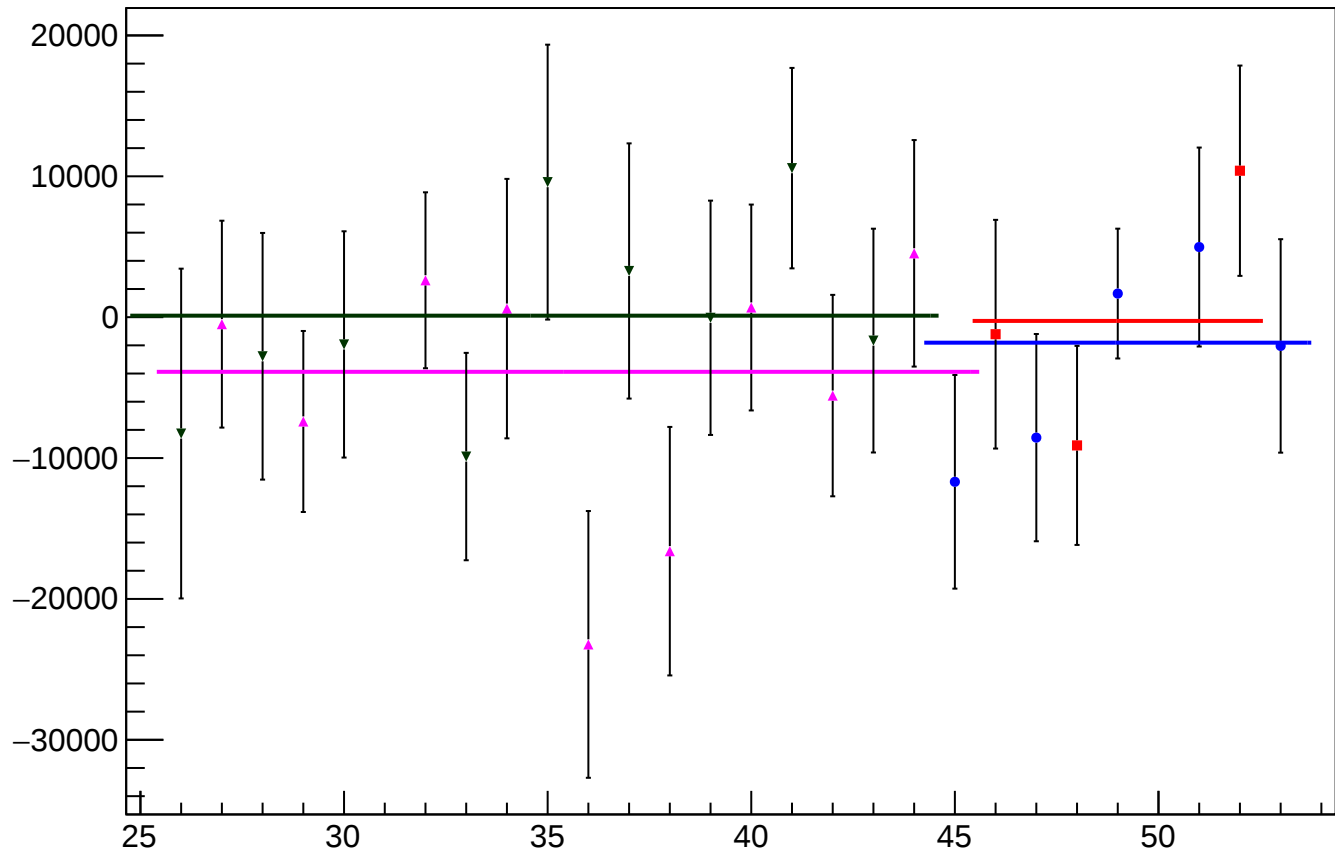
Right Out: 4747.206+/-2.765 χ^2/NDF : 11776.1/2

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

4942.311+/-1.252 χ^2/NDF : 248913.7/13

4970.560+/-1.326 χ^2/NDF : 134357.2/11

asym_sam_37_dd_mean vs slug



Right In: -1809.709 ± 2881.353 $\chi^2/\text{NDF}: 4.0/4$

Left Out: 107.633 ± 2805.368 $\chi^2/\text{NDF}: 5.8/8$

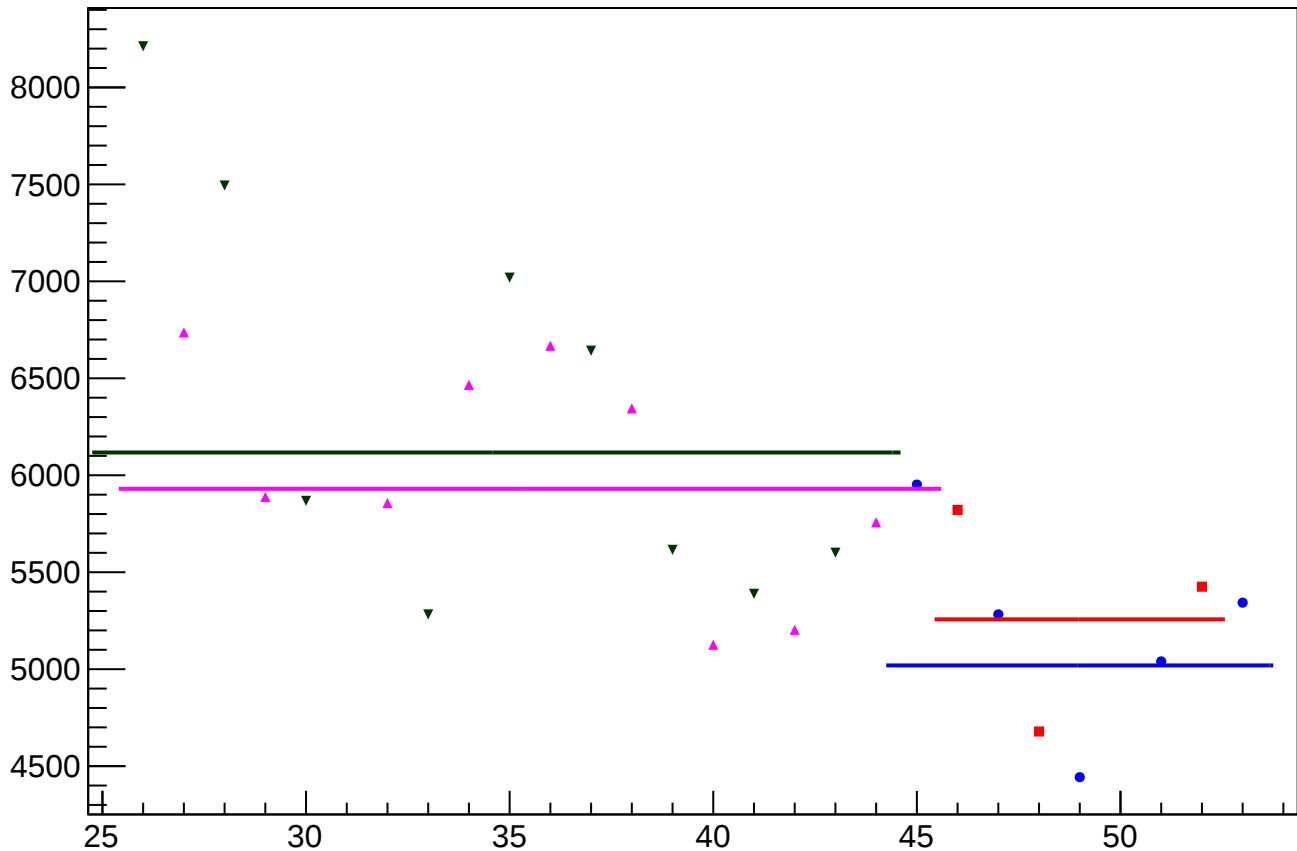
Right Out: -265.341 ± 4337.116 $\chi^2/\text{NDF}: 3.6/2$

Left In: -3878.107 ± 2515.966 $\chi^2/\text{NDF}: 9.6/8$

-825.423 ± 2010.021 $\chi^2/\text{NDF}: 10.1/13$

-2968.460 ± 2176.294 $\chi^2/\text{NDF}: 13.8/11$

asym_sam_37_dd_rms vs slug



Right In: 5019.379+/-2.037 χ^2/NDF : 67763.0/4

Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

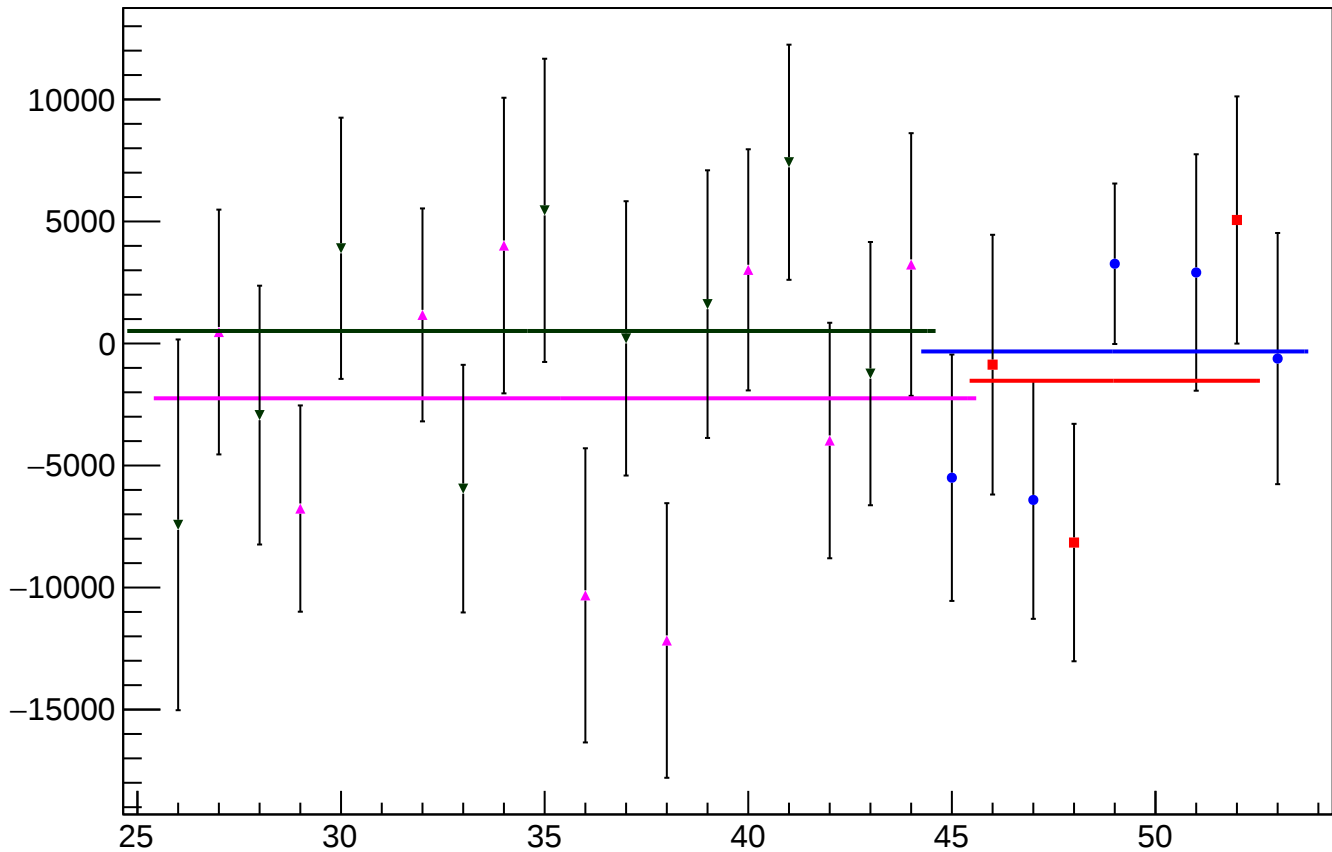
Right Out: 5256.974+/-3.067 χ^2/NDF : 24081.8/2

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

5583.067+/-1.421 χ^2/NDF : 418580.7/13

5760.600+/-1.539 χ^2/NDF : 153768.6/11

asym_sam_48_dd_mean vs slug



Right In: -326.246 ± 1983.253 $\chi^2/\text{NDF}: 4.3/4$

Left Out: 512.467 ± 1841.360 $\chi^2/\text{NDF}: 6.4/8$

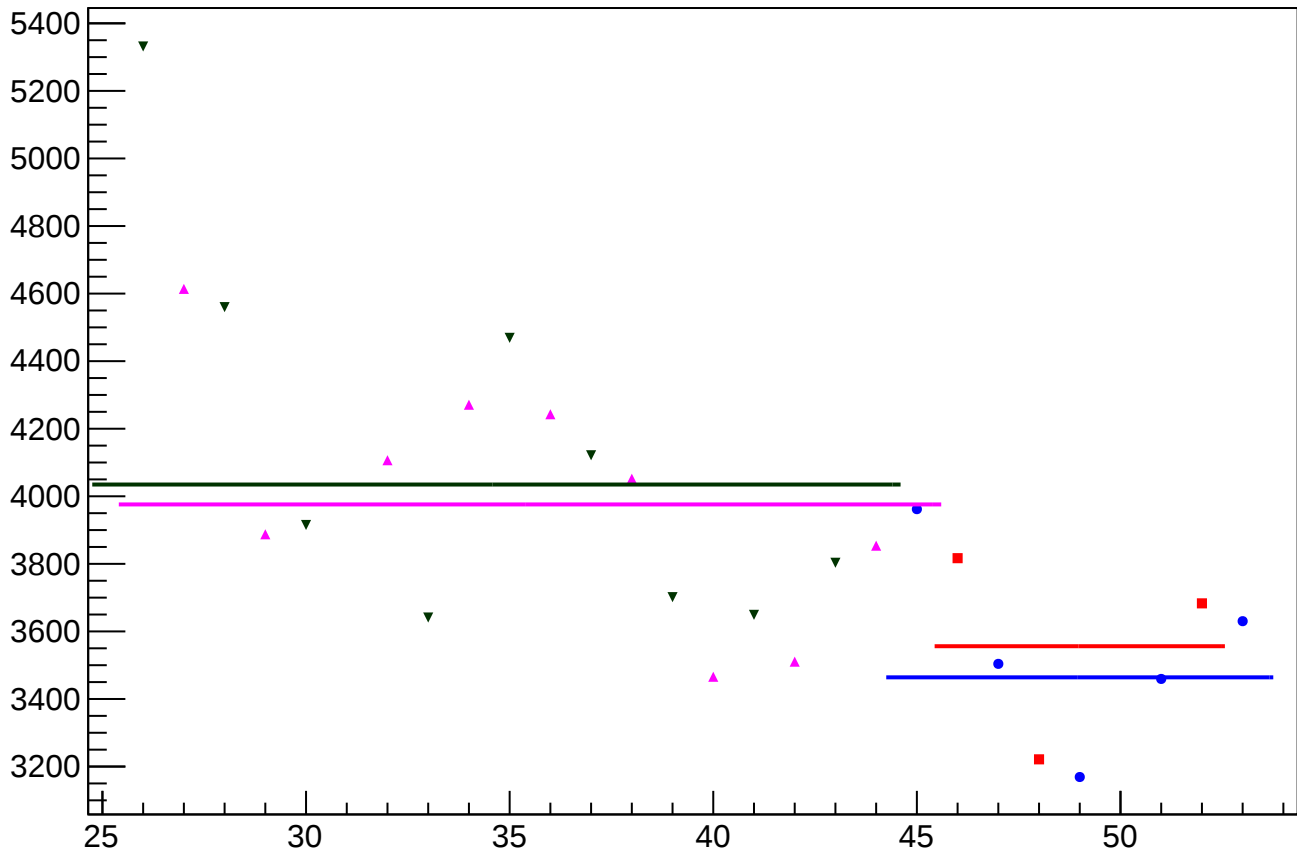
Right Out: -1527.152 ± 2929.019 $\chi^2/\text{NDF}: 3.6/2$

Left In: -2245.703 ± 1682.849 $\chi^2/\text{NDF}: 10.3/8$

124.184 ± 1349.416 $\chi^2/\text{NDF}: 10.7/13$

-2067.375 ± 1459.160 $\chi^2/\text{NDF}: 13.9/11$

asym_sam_48_dd_rms vs slug



Right In: 3464.068+/-1.402 χ^2/NDF : 37779.0/4

Left Out: 4034.807+/-1.302 χ^2/NDF :125083.3/8

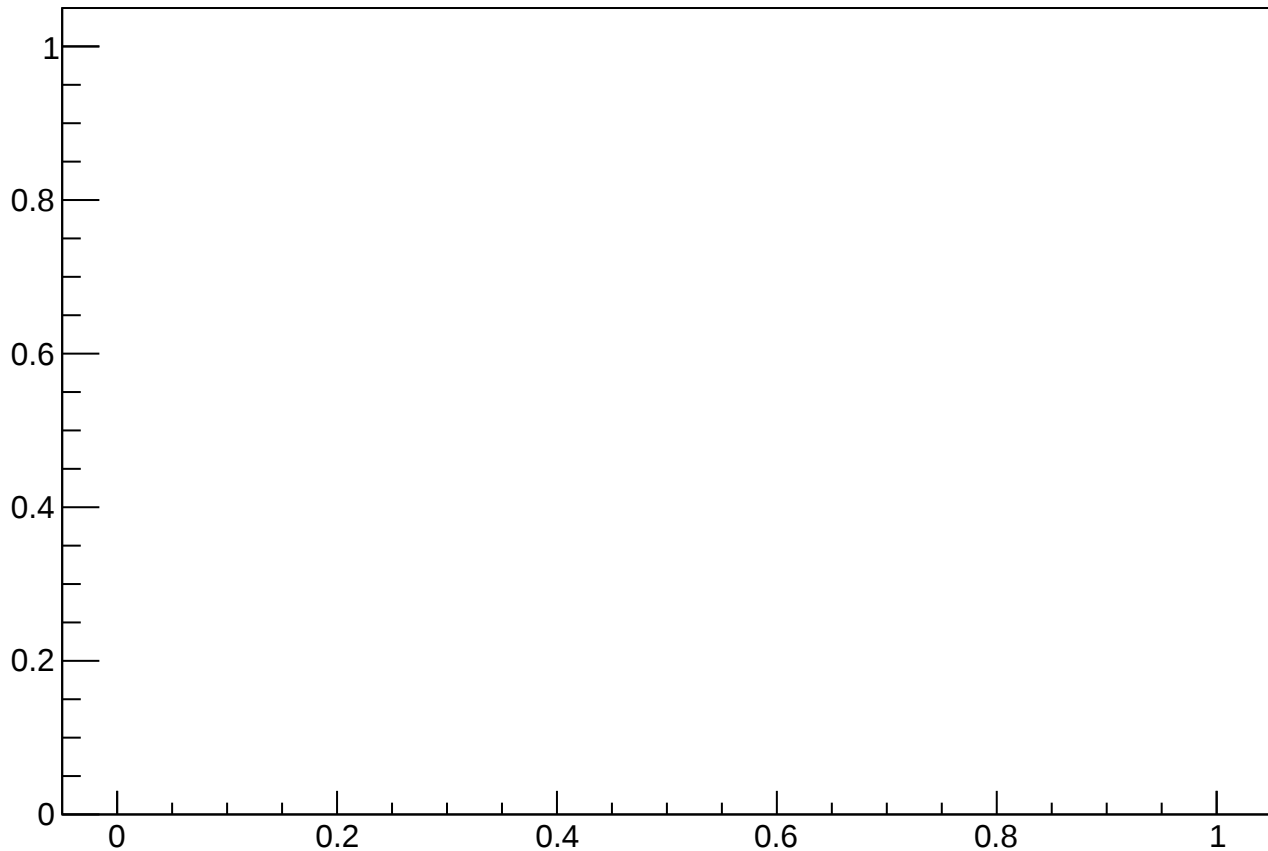
Right Out: 3556.188+/-2.071 χ^2/NDF : 15527.9/2

Left In: 3975.894+/-1.190 χ^2/NDF :85039.8/8

3770.583+/-0.954 χ^2/NDF : 251815.8/13

3871.732+/-1.032 χ^2/NDF : 131441.6/11

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

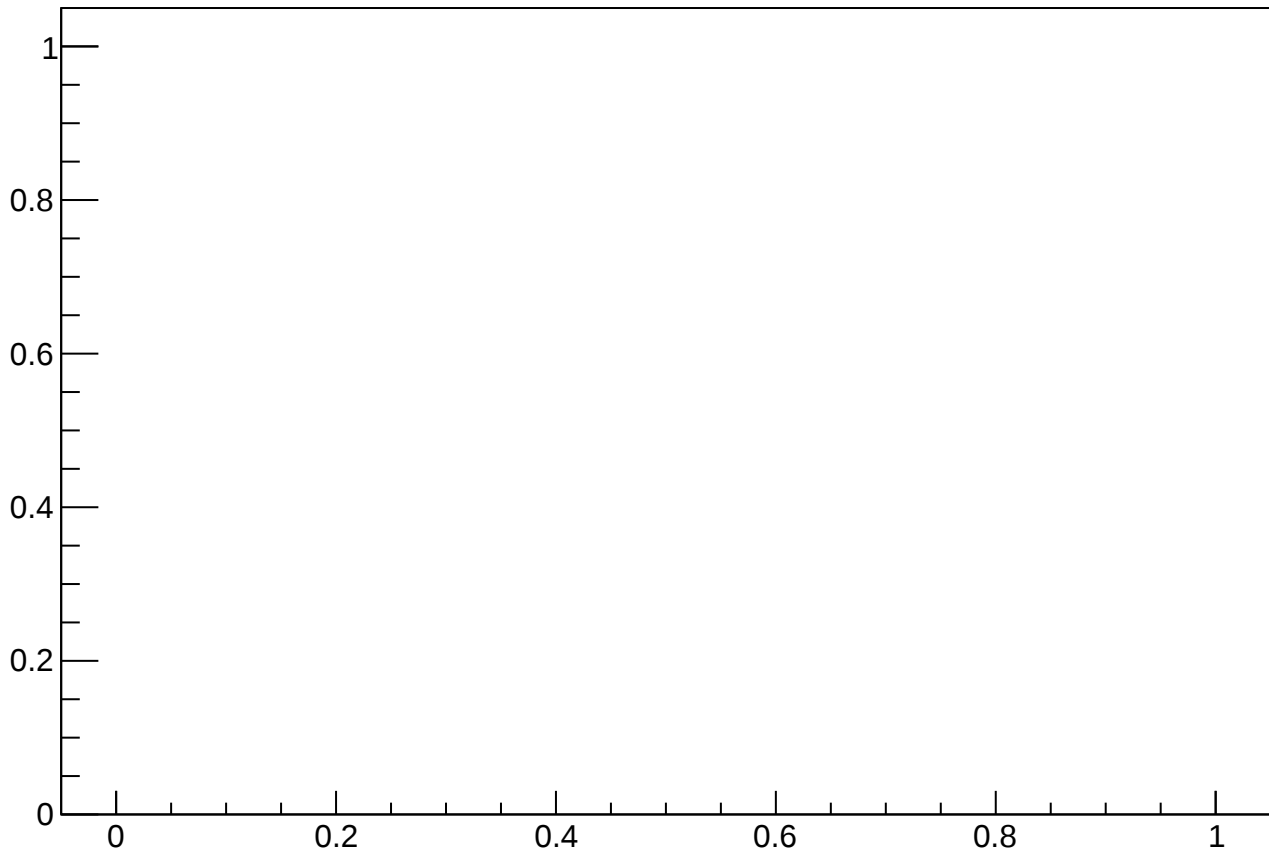
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

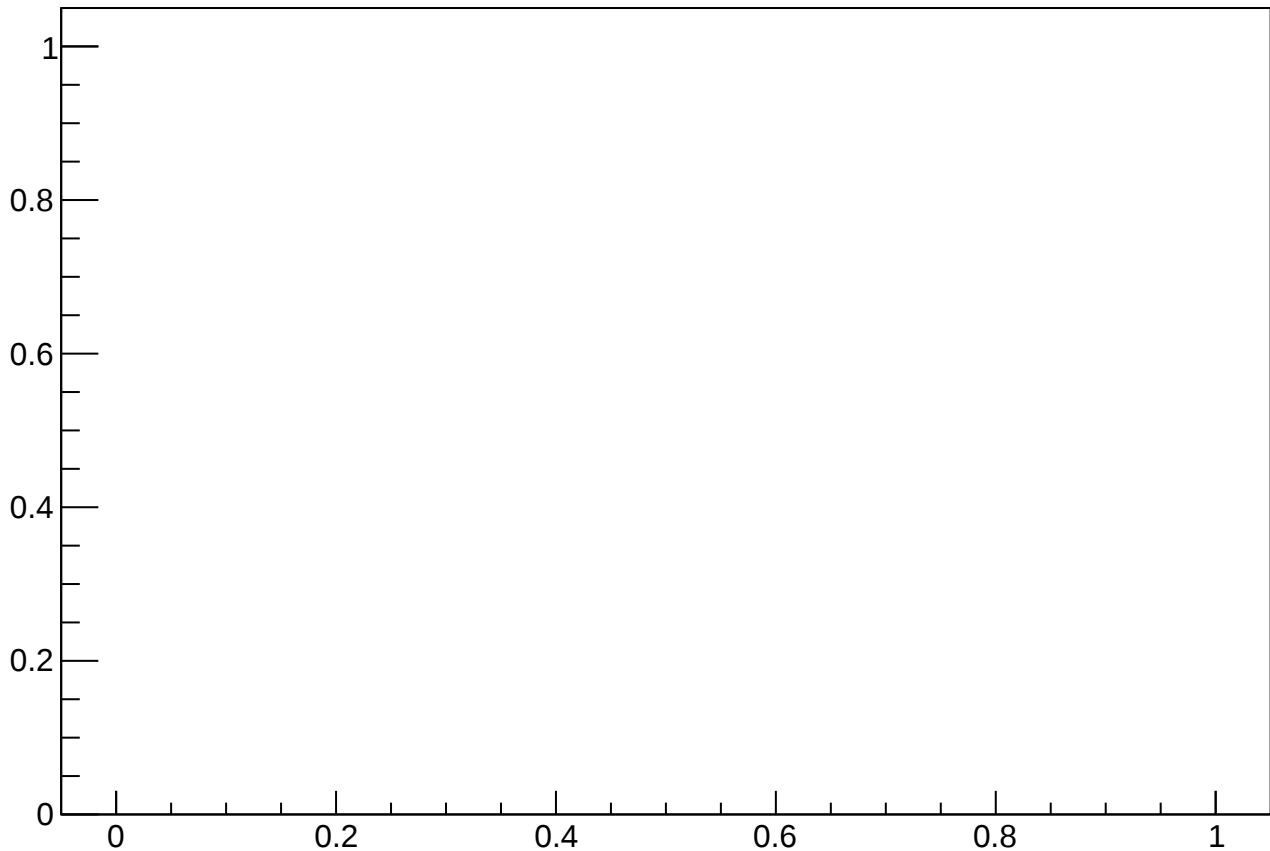
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

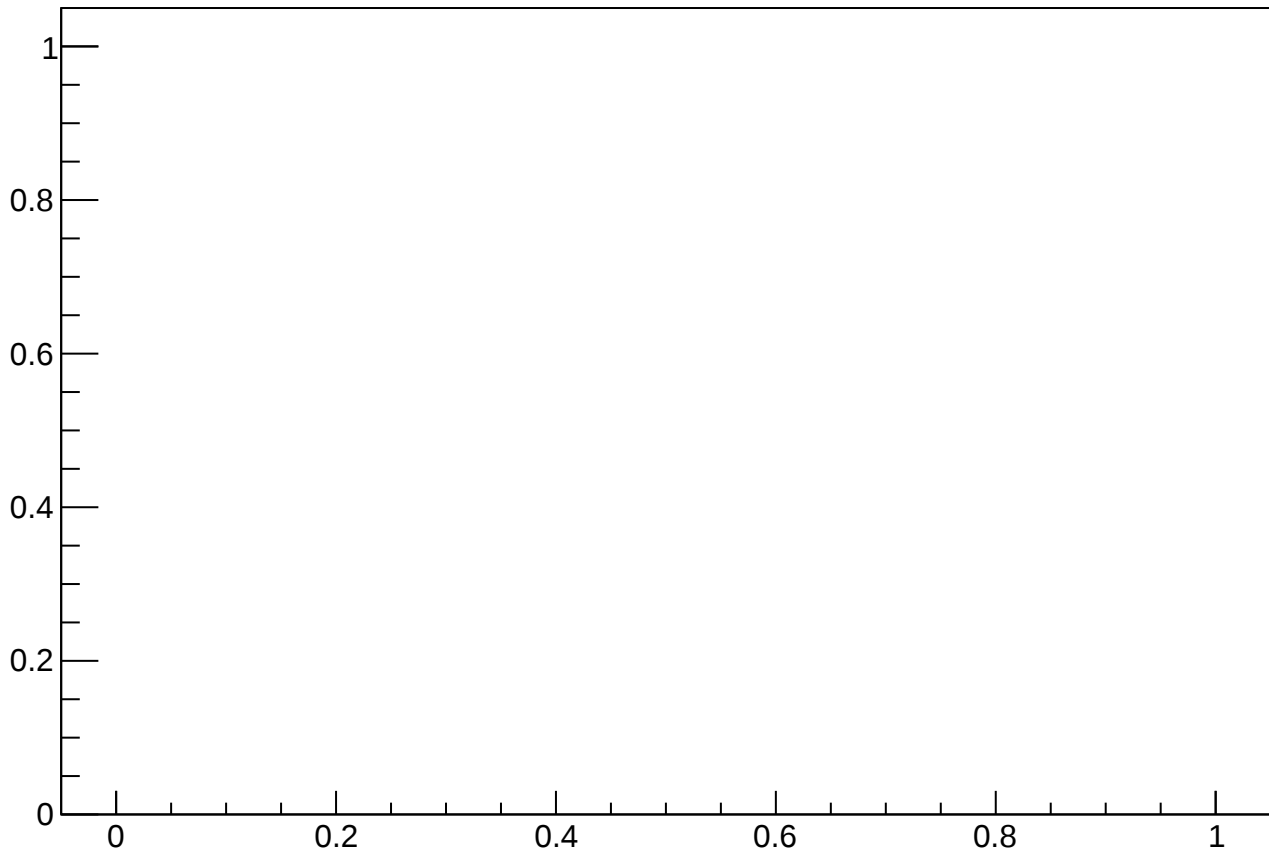
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

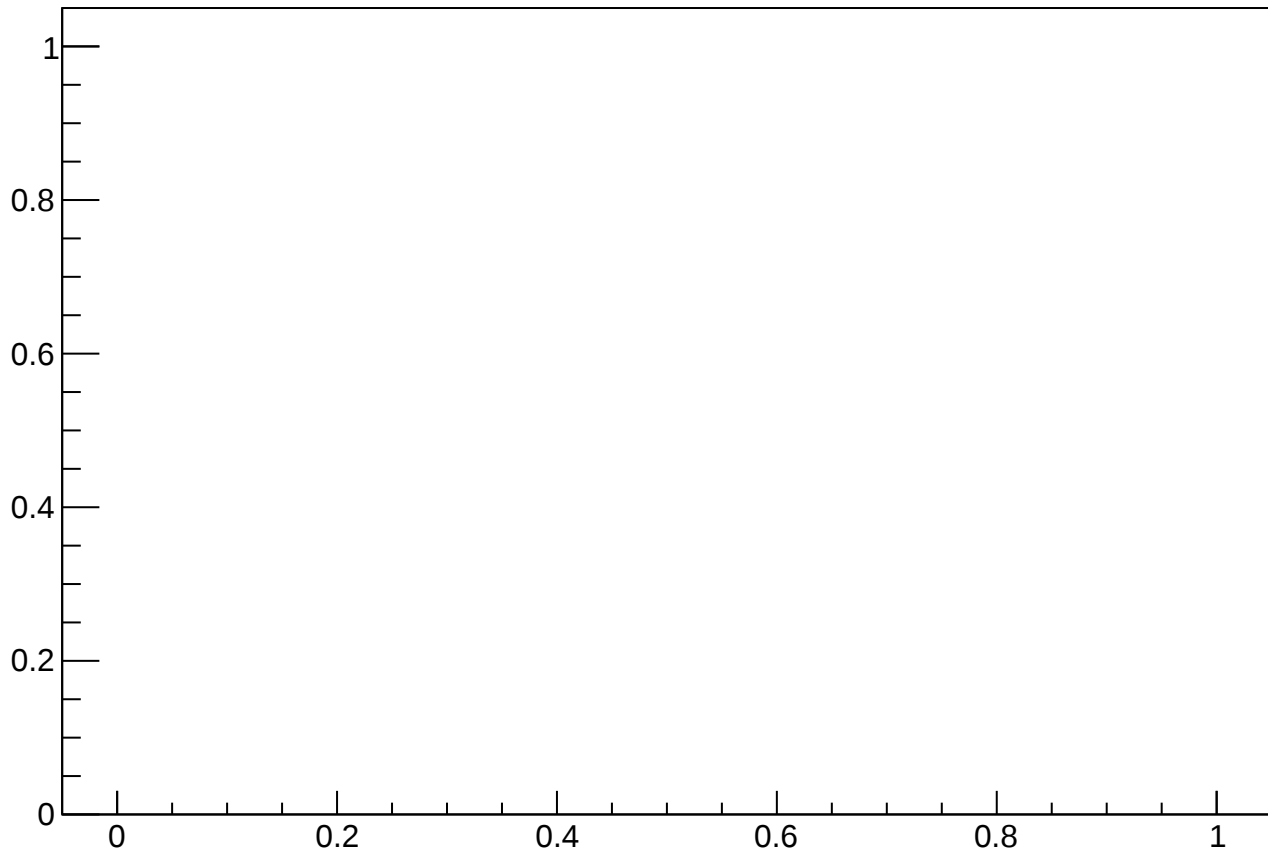
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

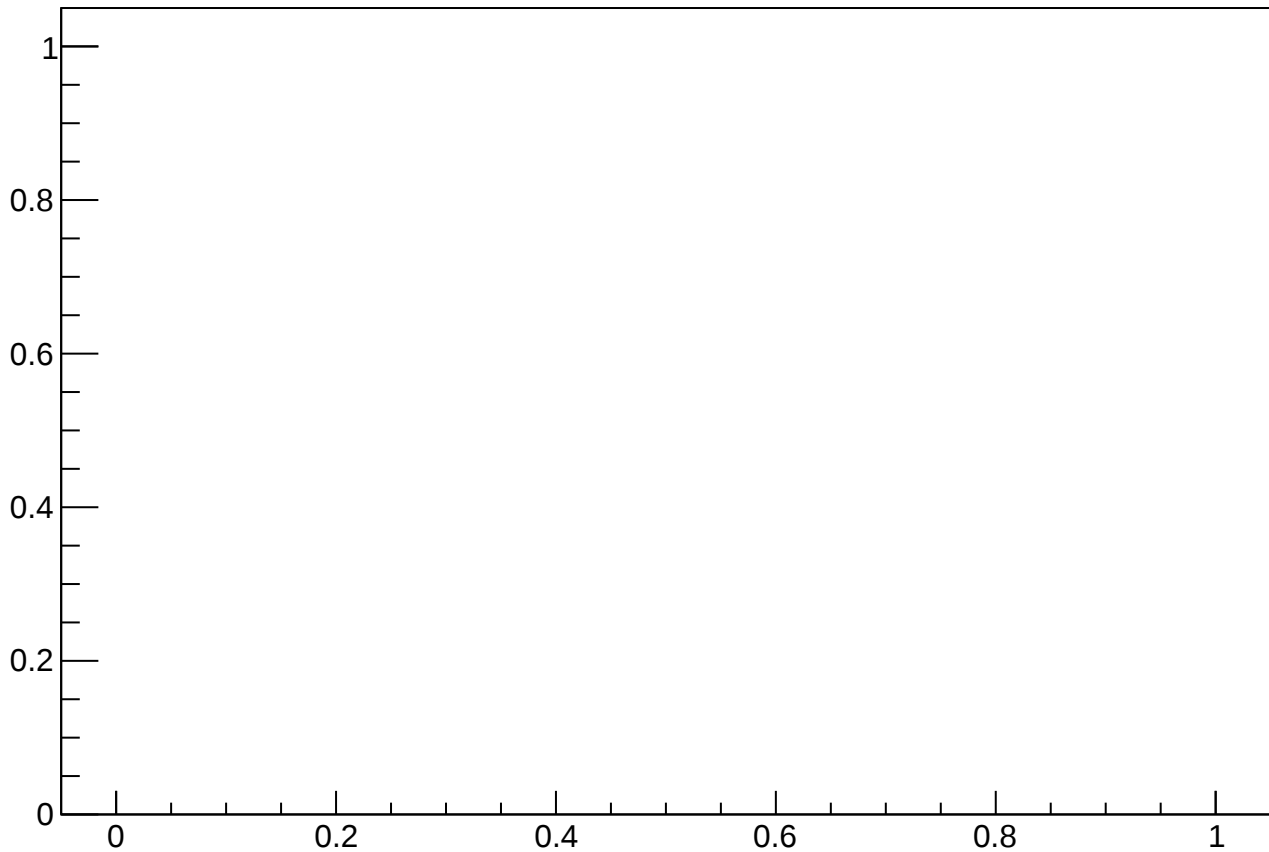
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

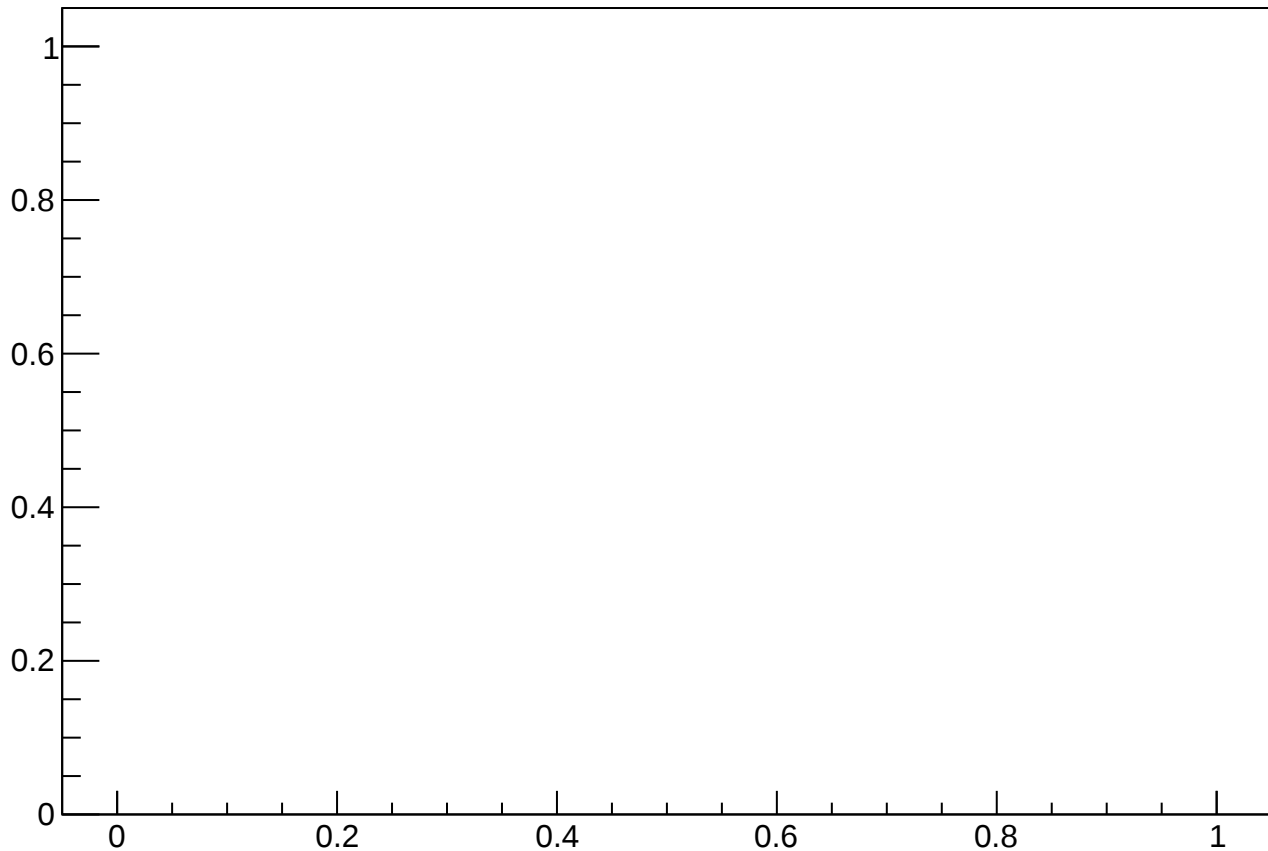
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

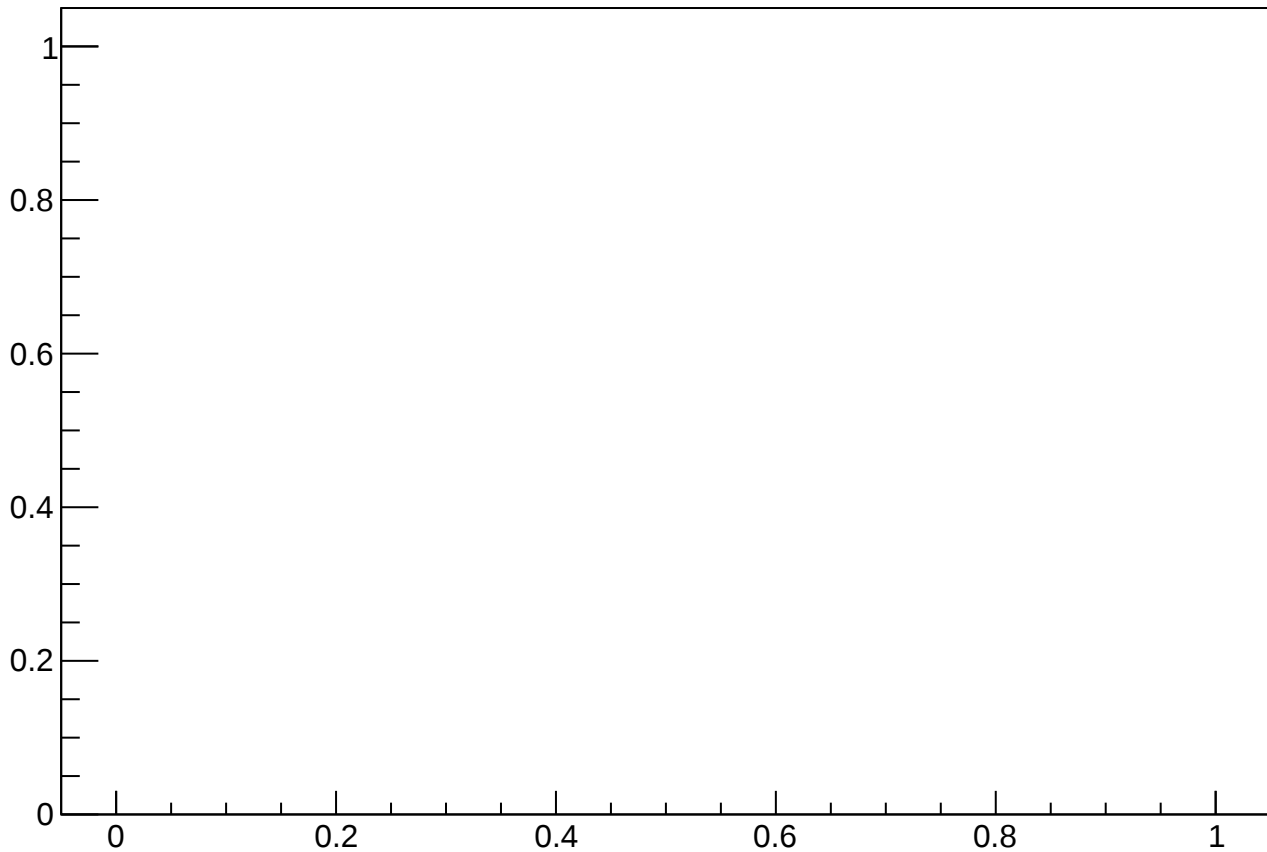
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

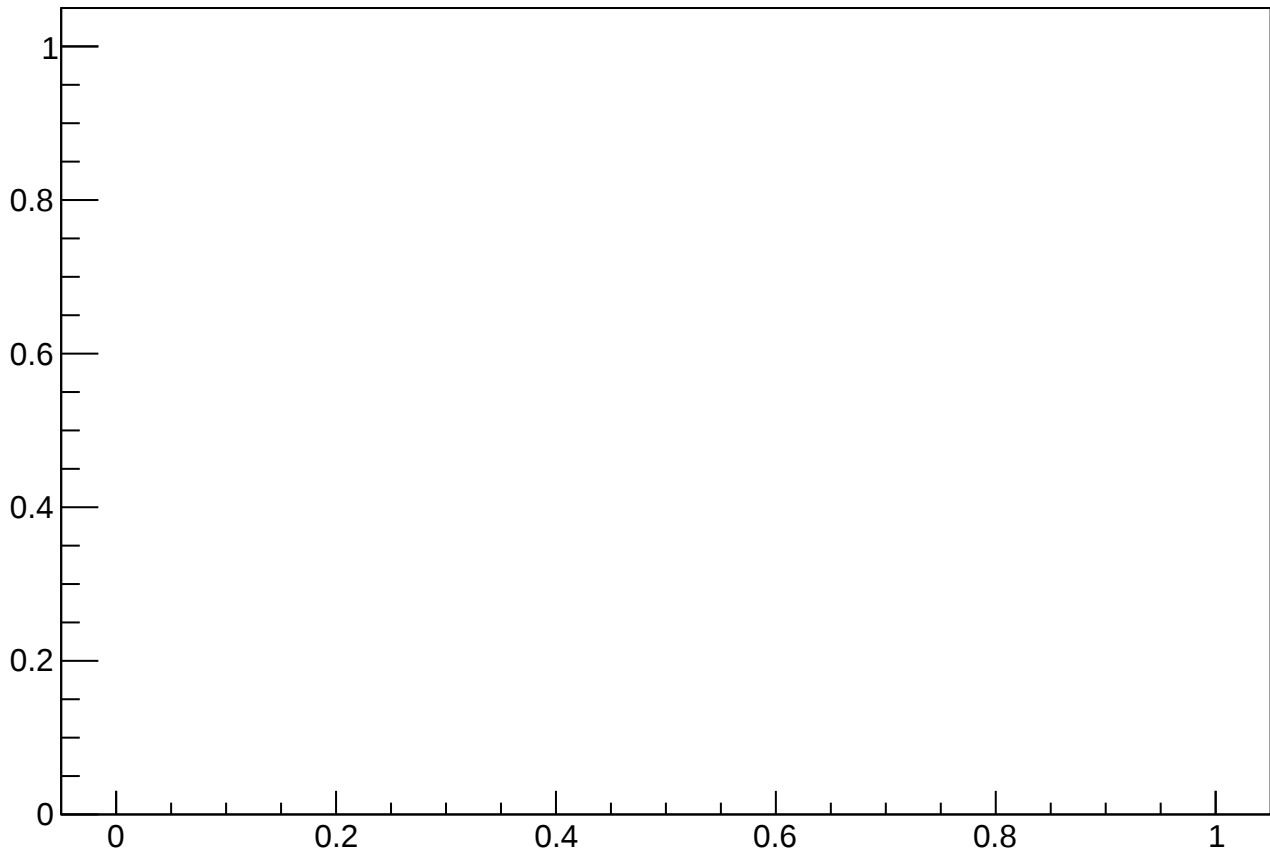
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

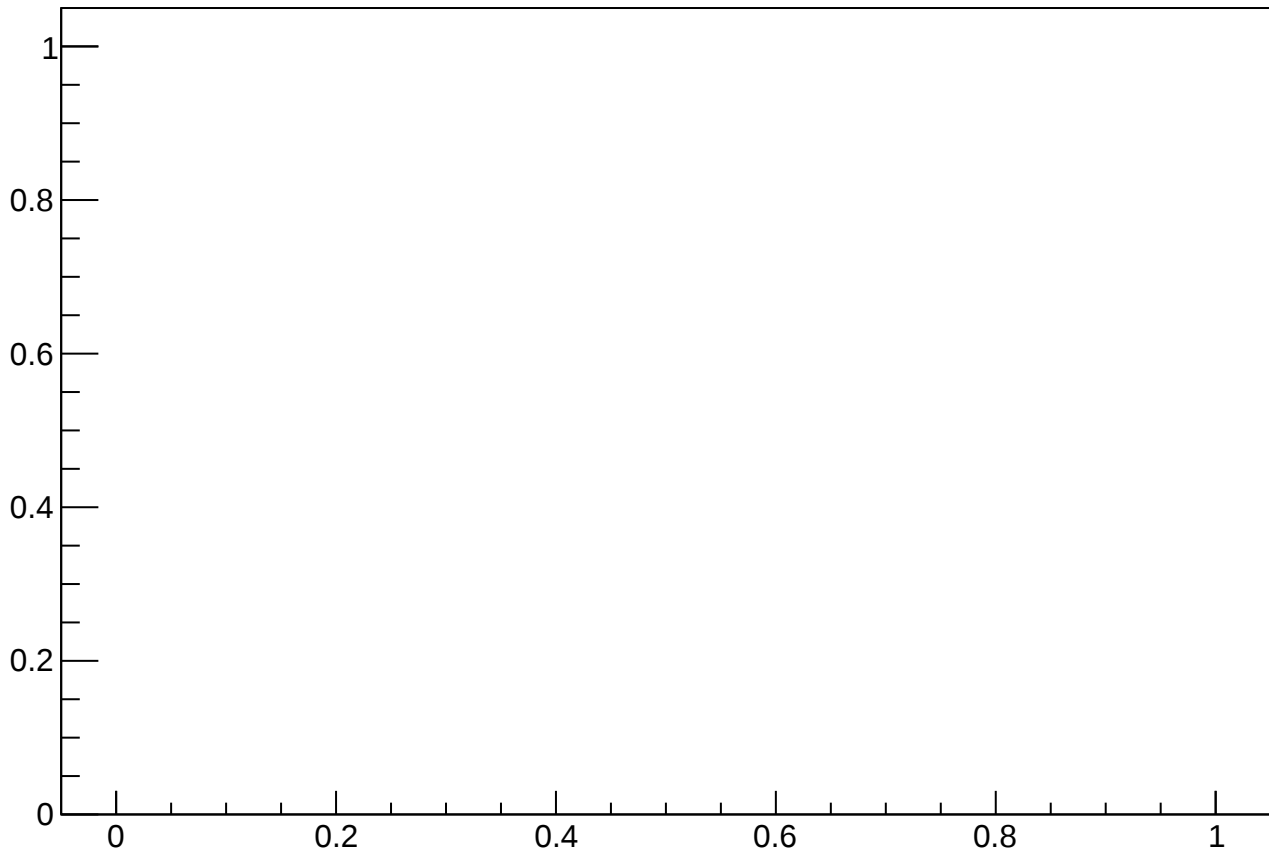
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

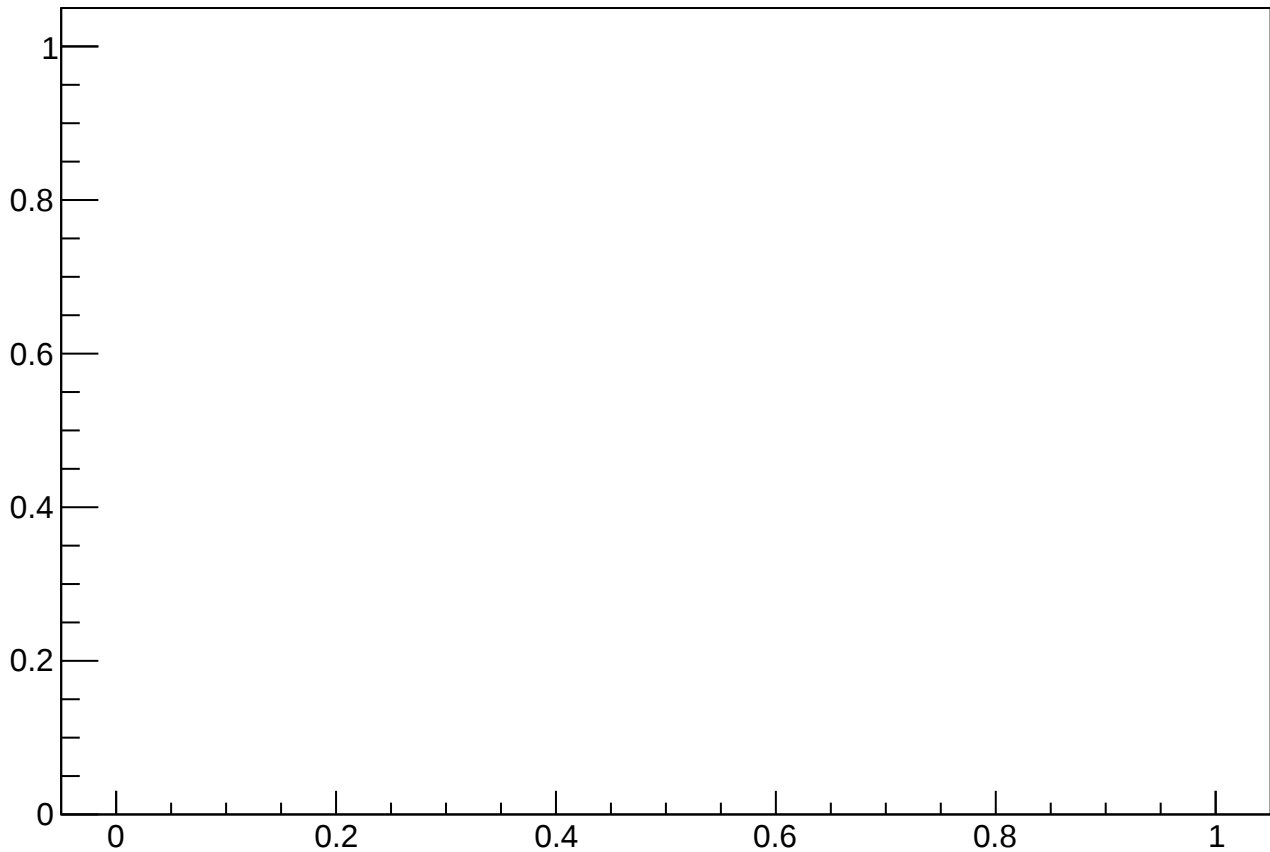
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

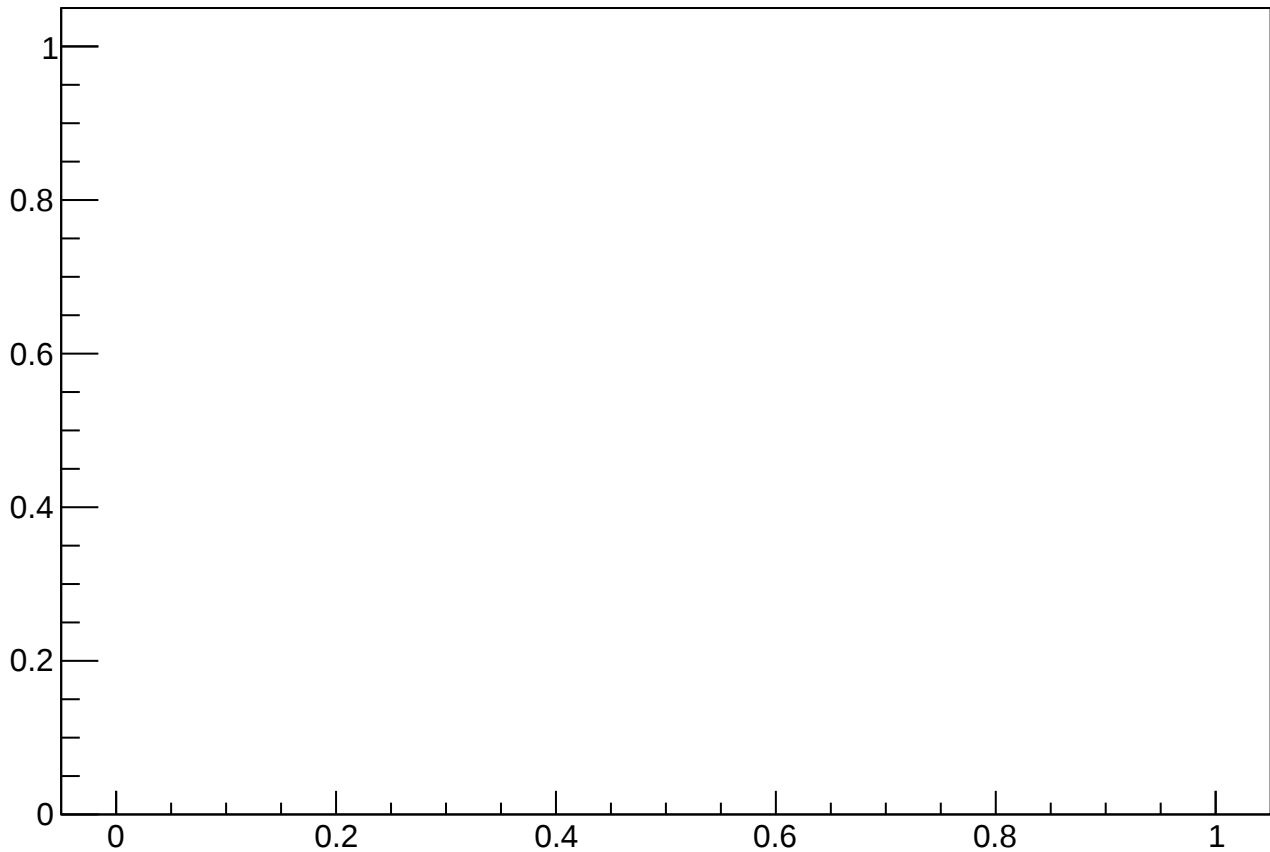
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_37_dd_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

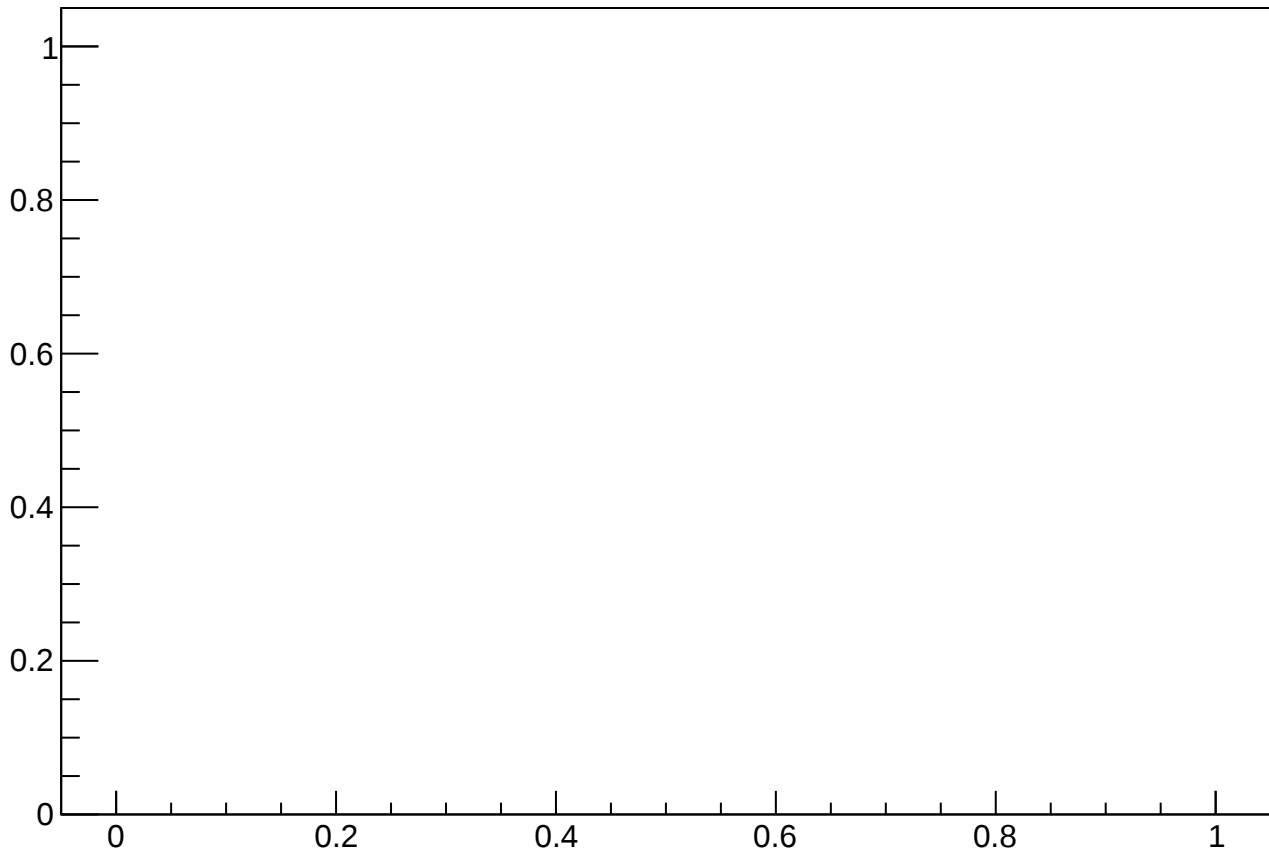
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

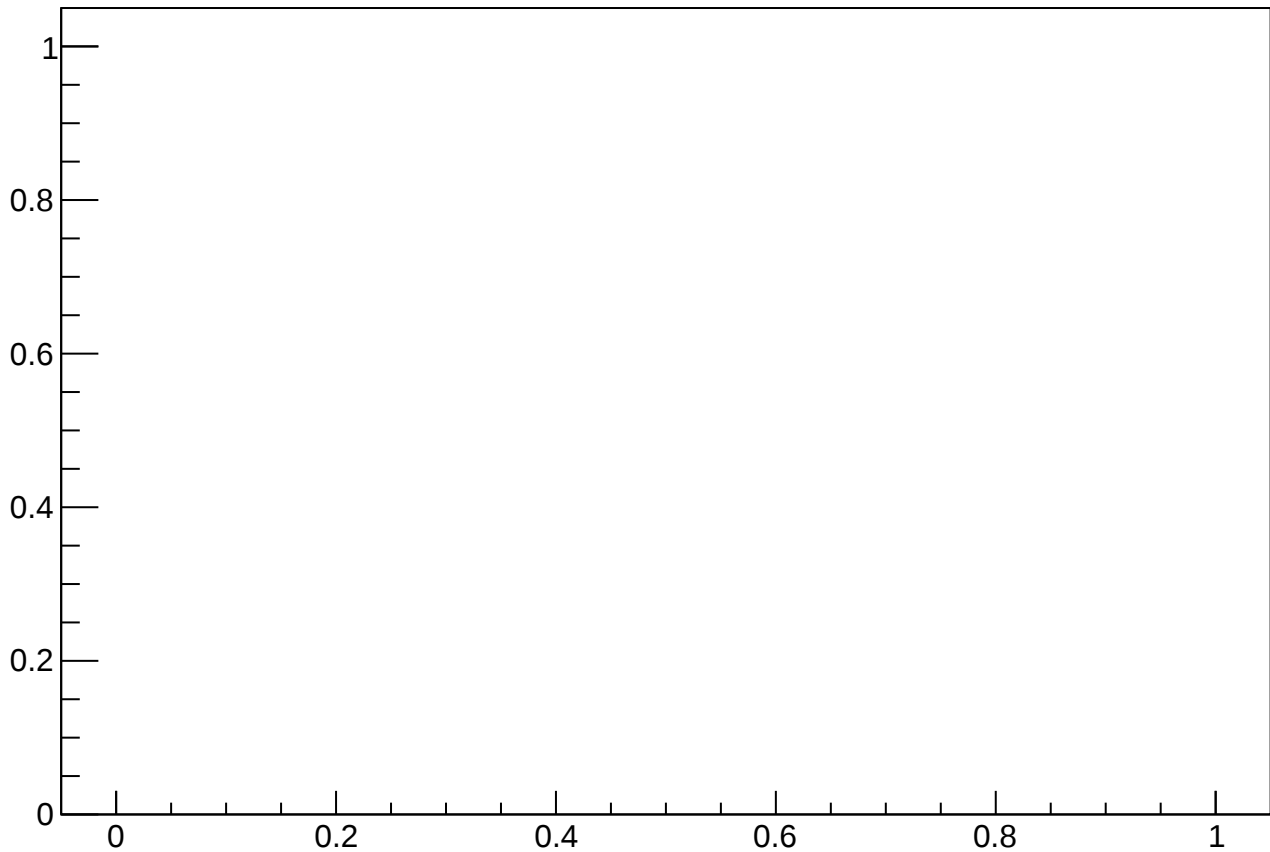
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_48_dd_rms vs slug



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

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

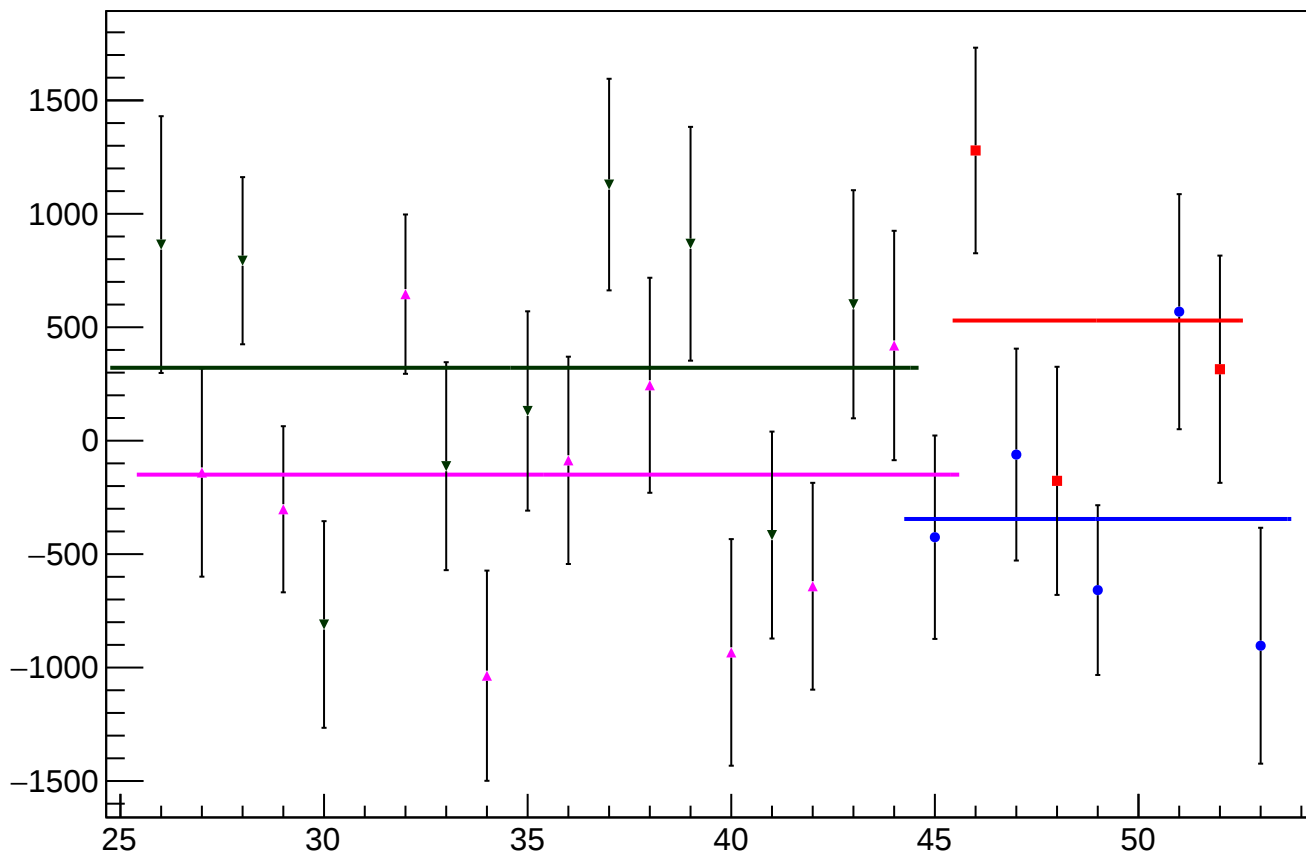
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -345.085 $\pm$ 203.566 χ^2 /NDF: 5.4/4

Left Out: 321.392 $\pm$ 153.601 χ^2 /NDF:16.9/8

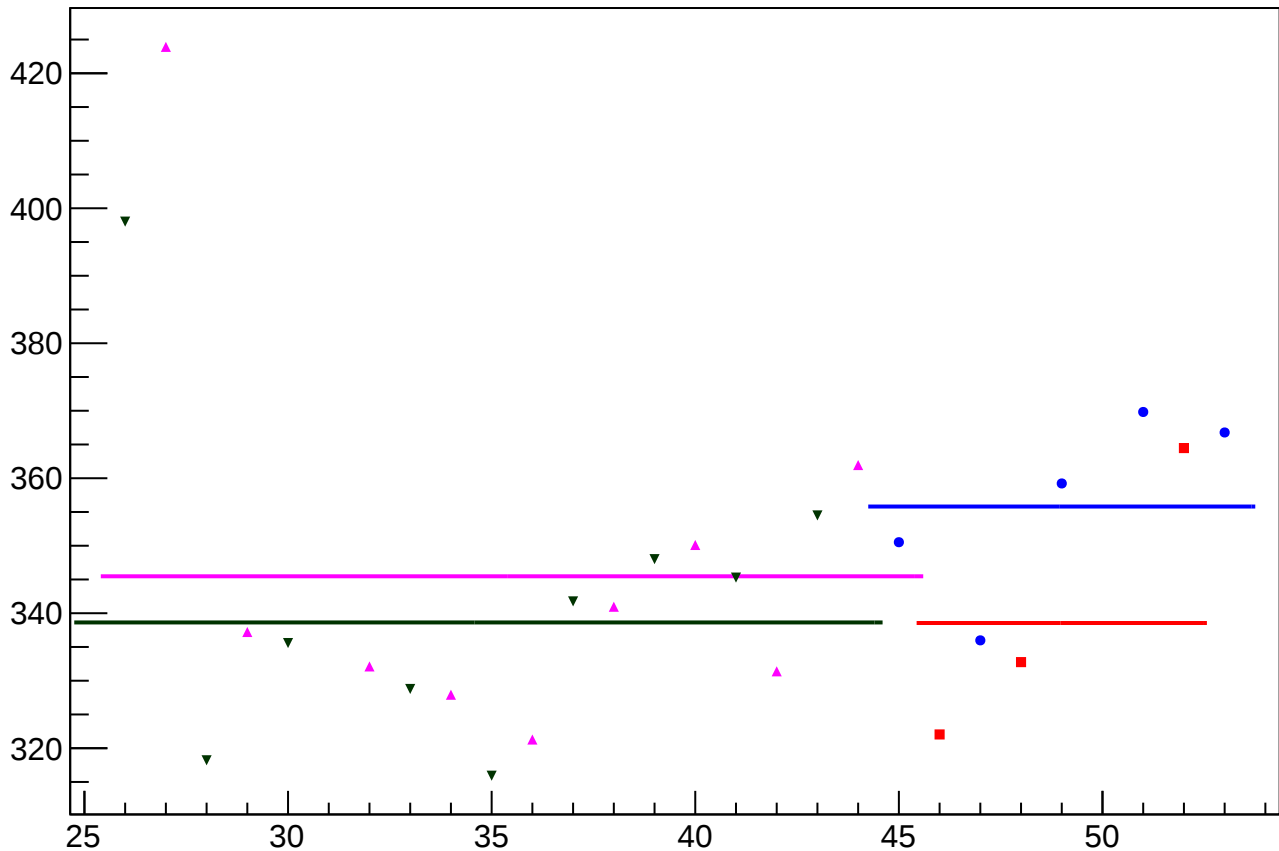
Right Out: 529.614 $\pm$ 279.350 χ^2 /NDF: 4.9/2

Left In: -149.607 $\pm$ 145.938 χ^2 /NDF:14.6/8

79.599 $\pm$ 122.612 χ^2 /NDF: 29.1/13

-3.977 $\pm$ 129.350 χ^2 /NDF: 24.1/11

reg_asym_sam_15_dd_rms vs slug



Right In: 355.808+/-0.144 χ^2/NDF : 6404.2/4

Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

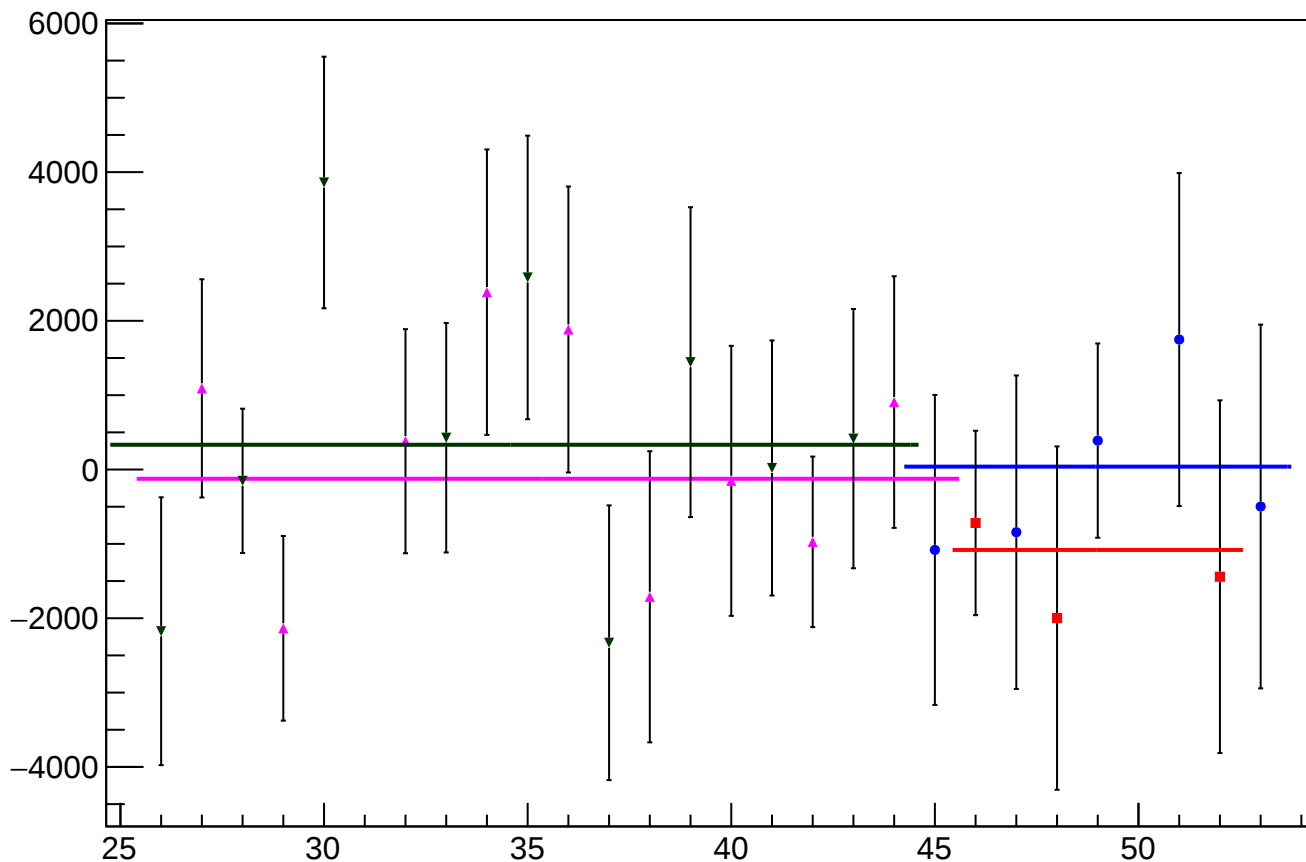
Right Out: 338.552+/-0.198 χ^2/NDF : 8279.6/2

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

344.865+/-0.087 χ^2/NDF : 53173.3/13

343.989+/-0.091 χ^2/NDF : 84409.3/11

asym_sam_15_dd_correction_mean vs slug



Right In: 39.017+/-842.936 χ^2/NDF : 1.2/4

Left Out: 333.038+/-526.643 χ^2/NDF : 10.3/8

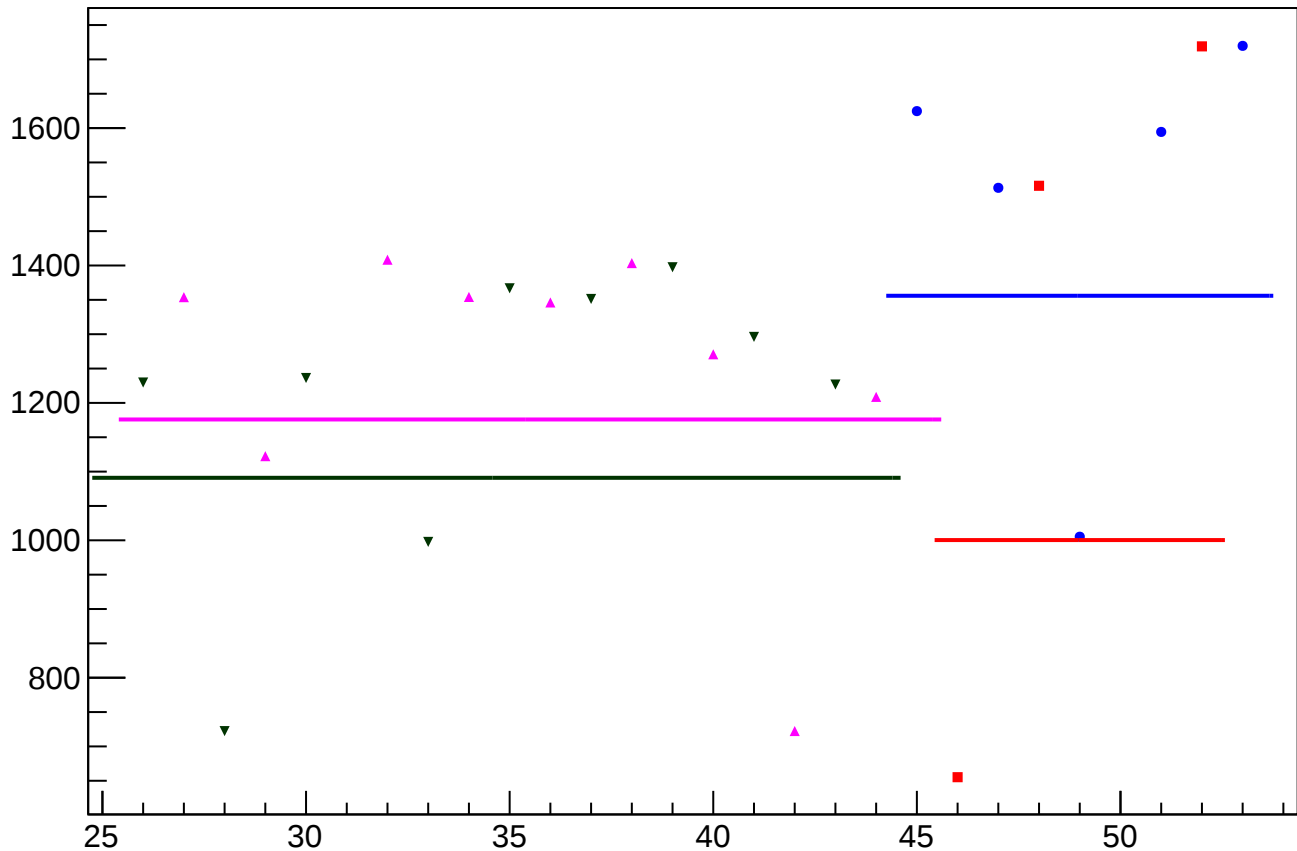
Right Out: -1081.407+/-992.410 χ^2/NDF : 0.3/2

Left In: -124.264+/-515.157 χ^2/NDF : 7.8/8

250.491+/-446.638 χ^2/NDF : 11.6/13

-327.432+/-457.225 χ^2/NDF : 8.8/11

asym_sam_15_dd_correction_rms vs slug



Right In: 1355.944+/-0.596 χ^2/NDF : 255371.5/4

Left Out: 1090.976+/-0.372 χ^2/NDF : 488039.7/8

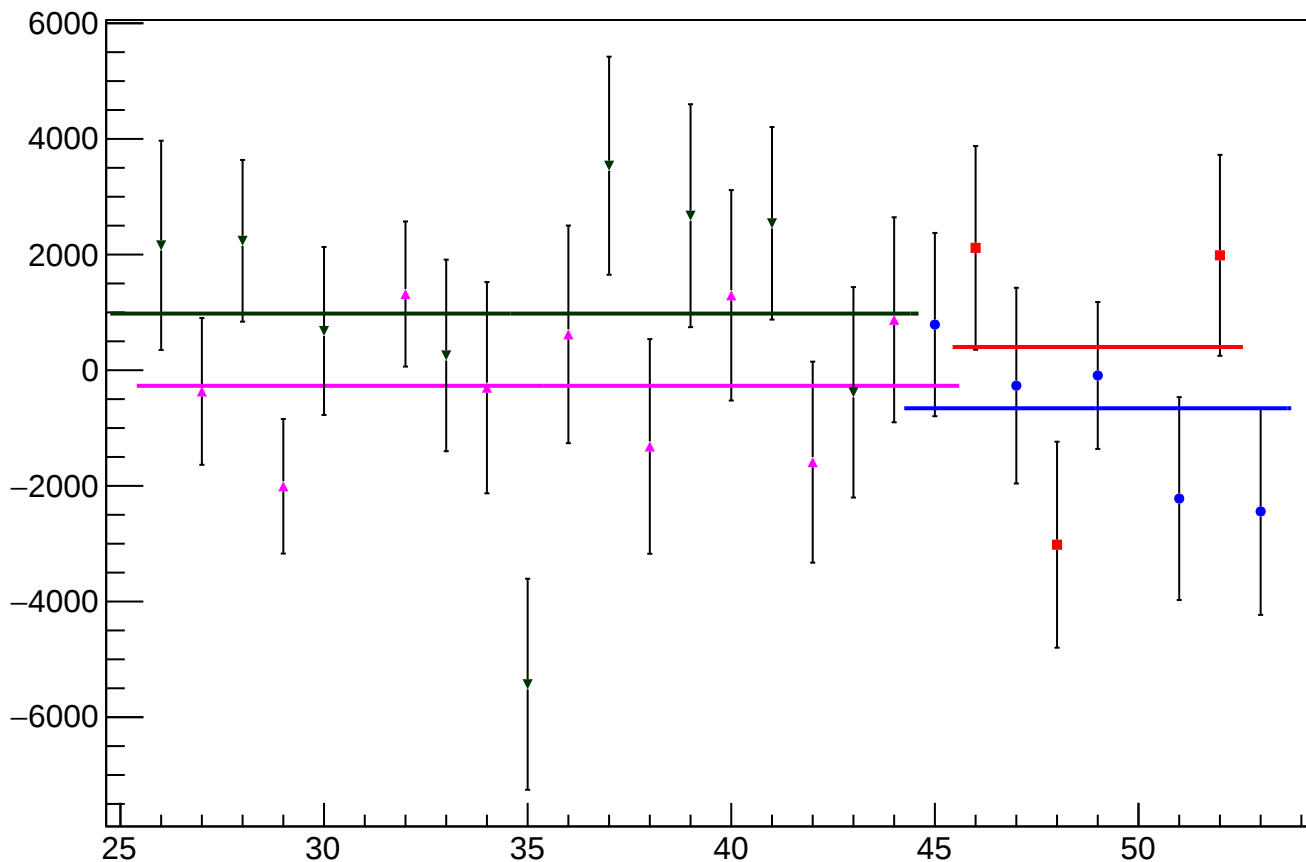
Right Out: 1000.346+/-0.702 χ^2/NDF : 438151.9/2

Left In: 1175.875+/-0.364 χ^2/NDF : 459477.1/8

1165.366+/-0.316 χ^2/NDF : 885547.6/13

1138.616+/-0.323 χ^2/NDF : 946915.2/11

reg_asym_sam_26_dd_mean vs slug



Right In: -657.976+/-706.261 χ^2/NDF : 2.9/4

Left Out: 979.553+/-561.753 χ^2/NDF : 17.9/8

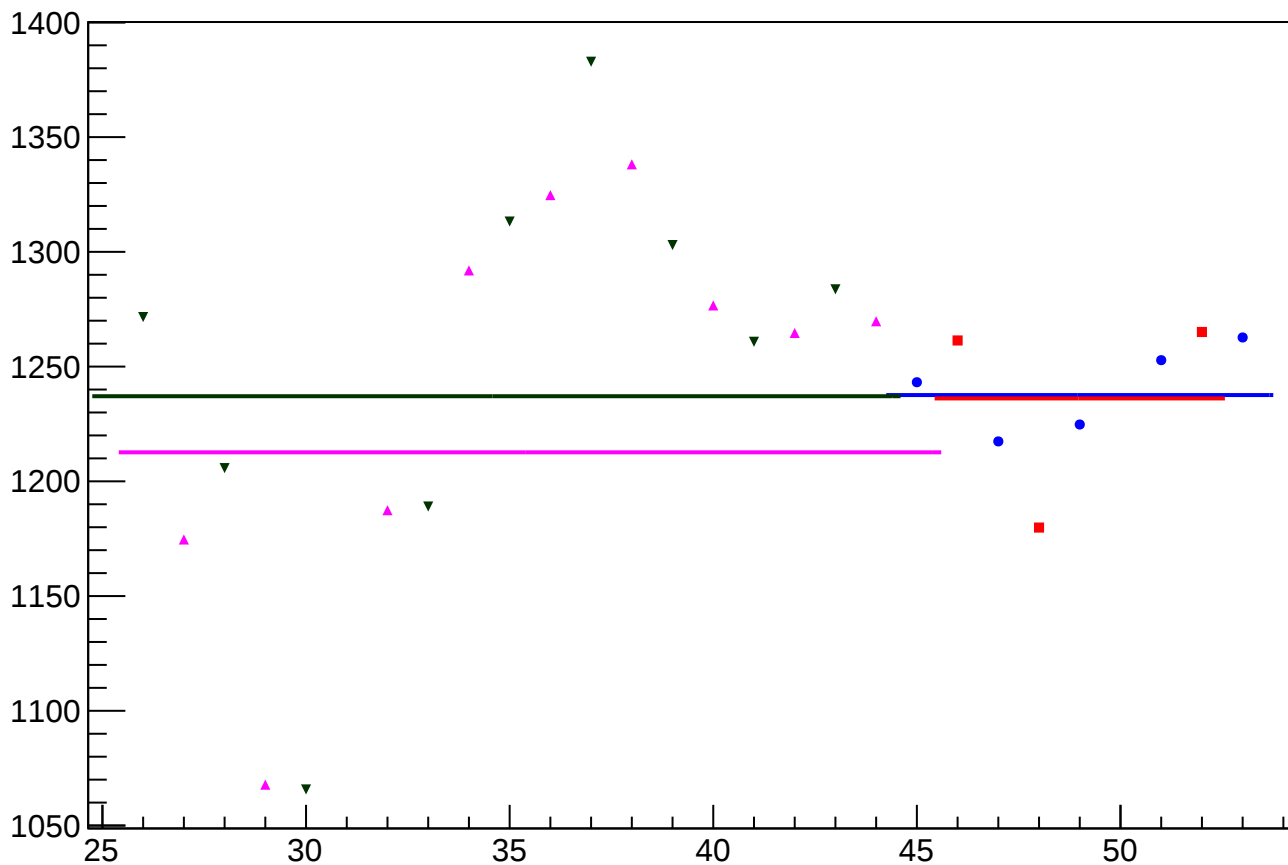
Right Out: 401.730+/-1015.883 χ^2/NDF : 5.5/2

Left In: -269.305+/-511.773 χ^2/NDF : 6.1/8

345.016+/-439.642 χ^2/NDF : 24.0/13

-133.477+/-457.052 χ^2/NDF : 11.9/11

reg_asym_sam_26_dd_rms vs slug



Right In: 1237.597 $\pm$ 0.499 χ^2 /NDF: 1057.8/4

Left Out: 1237.088 $\pm$ 0.397 χ^2 /NDF: 50723.7/8

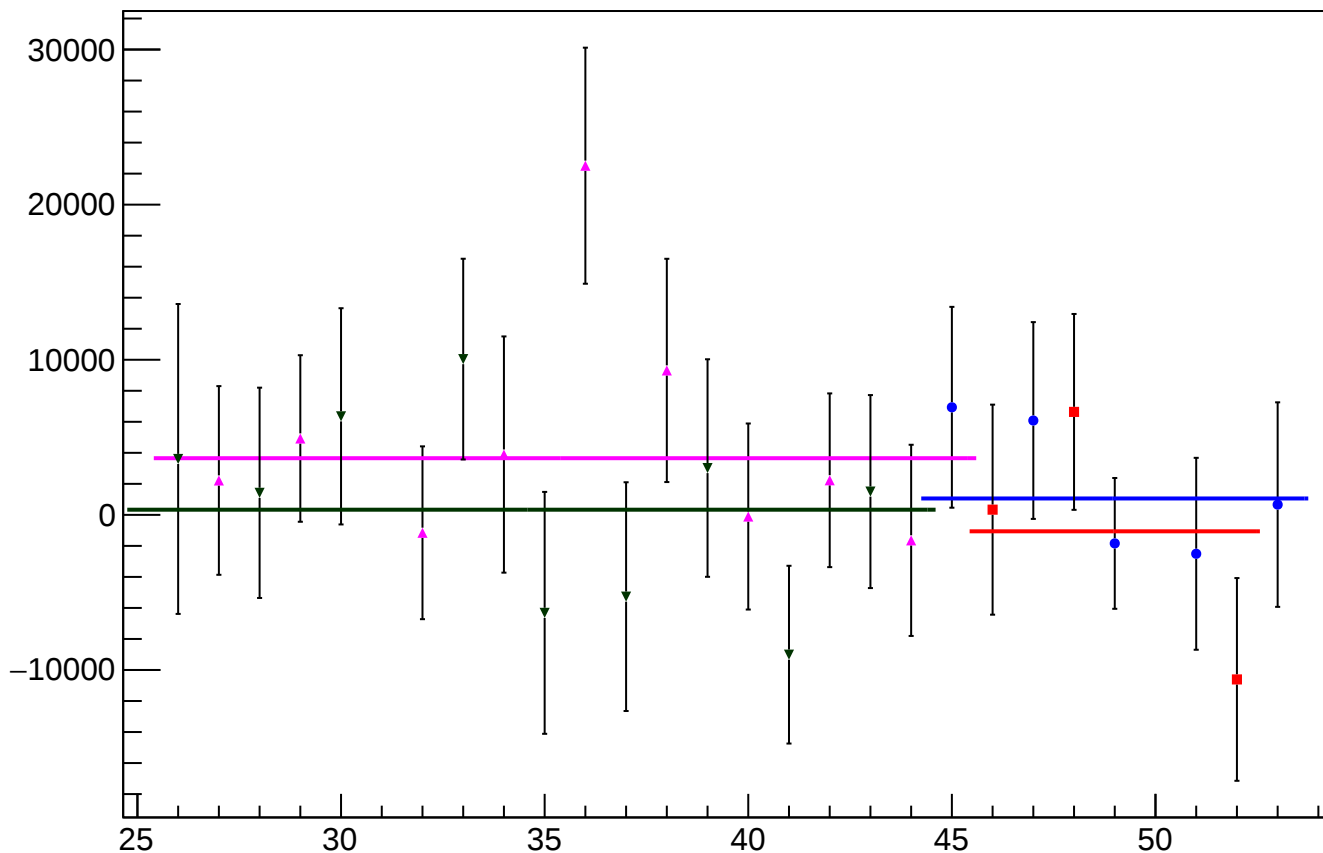
Right Out: 1236.121 $\pm$ 0.718 χ^2 /NDF: 2963.3/2

Left In: 1212.637 $\pm$ 0.362 χ^2 /NDF: 59937.0/8

1237.285 $\pm$ 0.311 χ^2 /NDF: 51782.1/13

1217.390 $\pm$ 0.323 χ^2 /NDF: 63752.7/11

asym_sam_26_dd_correction_mean vs slug



Right In: 1057.239+/-2547.610 χ^2/NDF : 2.3/4

Left Out: 333.092+/-2308.078 χ^2/NDF : 7.3/8

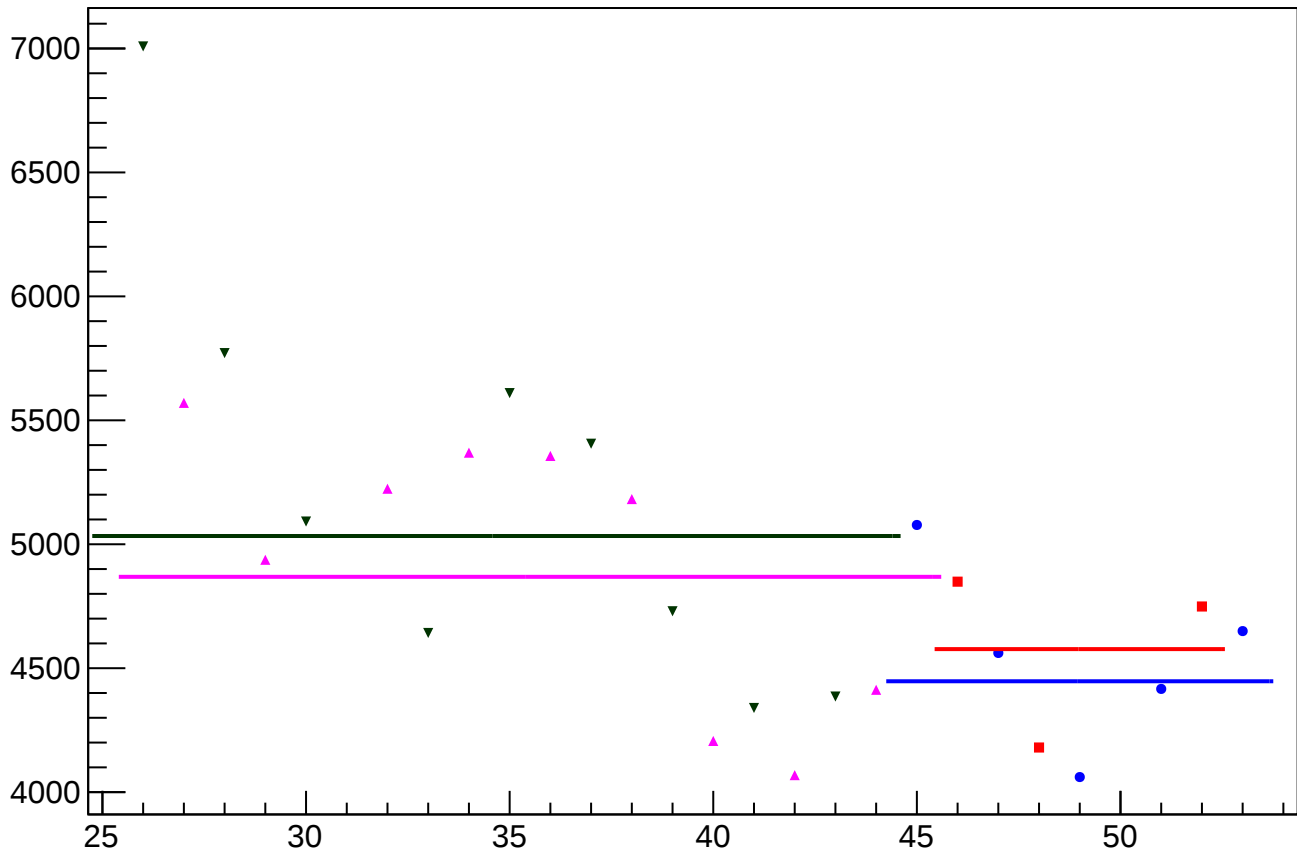
Right Out: -1060.123+/-3771.152 χ^2/NDF : 3.7/2

Left In: 3653.482+/-2068.125 χ^2/NDF : 8.8/8

659.530+/-1710.487 χ^2/NDF : 9.6/13

2563.636+/-1813.343 χ^2/NDF : 13.7/11

asym_sam_26_dd_correction_rms vs slug



Right In: 4447.316 ± 1.801 χ^2/NDF : 38349.5/4

Left Out: 5033.309 ± 1.632 χ^2/NDF : 180086.7/8

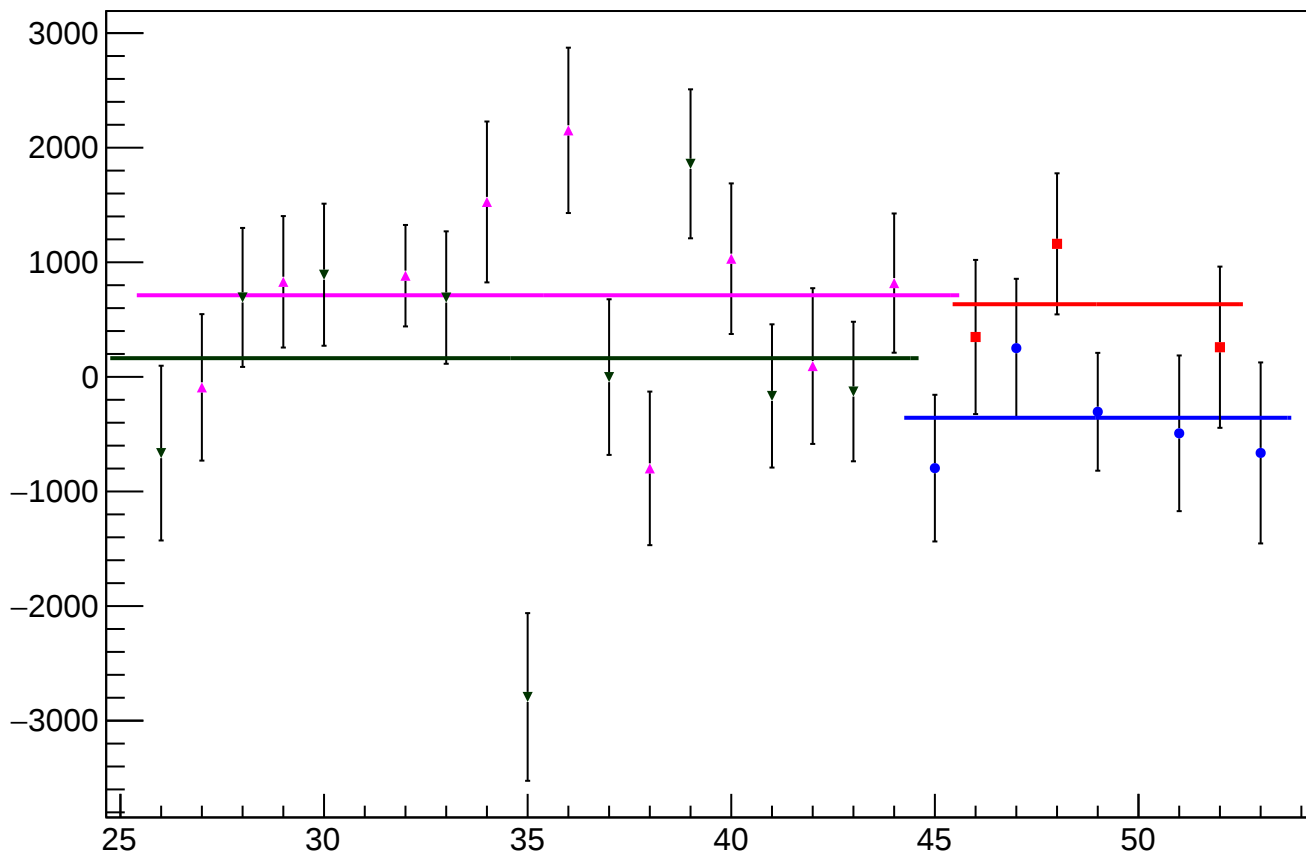
Right Out: 4577.052 ± 2.667 χ^2/NDF : 12519.8/2

Left In: 4868.659 ± 1.462 χ^2/NDF : 131897.8/8

4769.150 ± 1.209 χ^2/NDF : 276551.1/13

4801.235 ± 1.282 χ^2/NDF : 153611.1/11

reg_asym_sam_37_dd_mean vs slug



Right In: -356.881 $\pm$ 280.303 χ^2 /NDF: 1.7/4

Left Out: 163.244 $\pm$ 214.677 χ^2 /NDF: 27.9/8

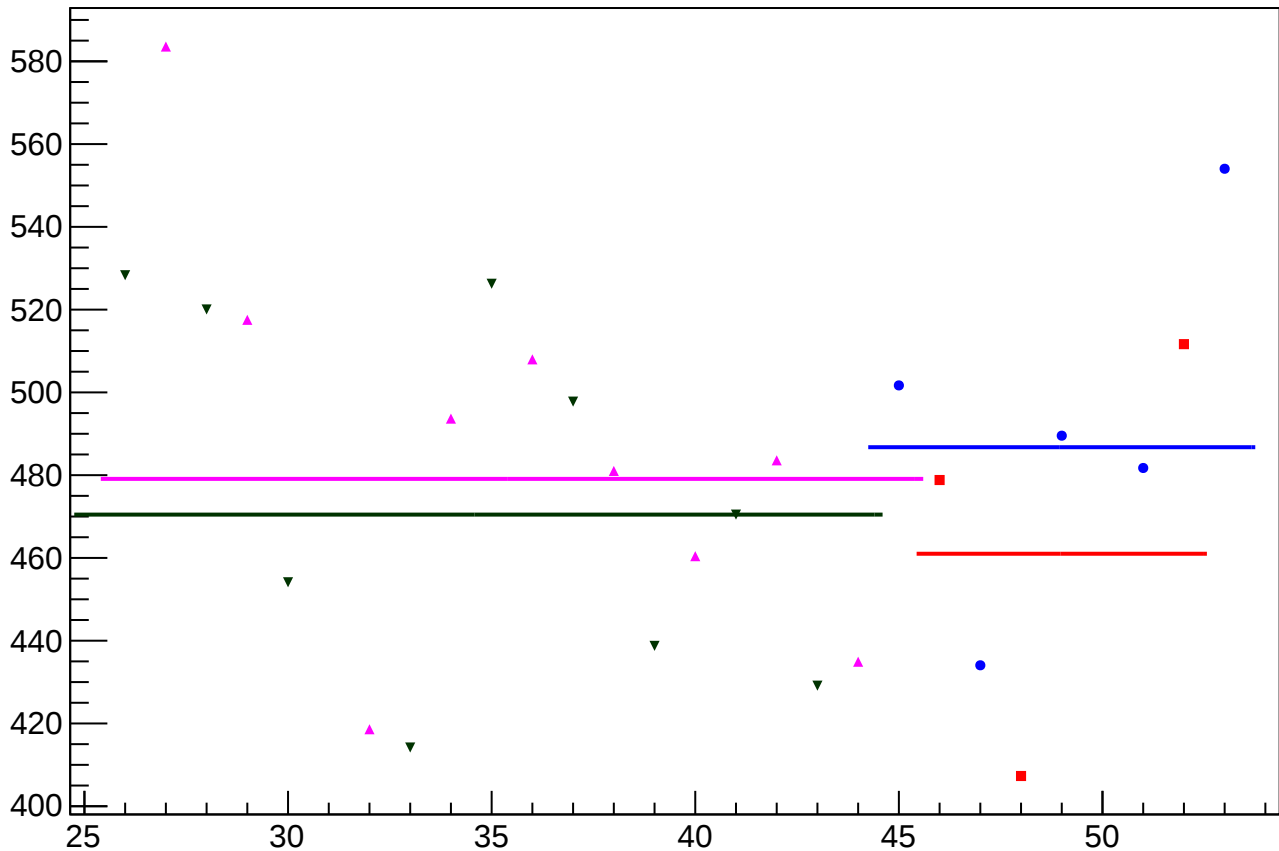
Right Out: 634.017 $\pm$ 381.526 χ^2 /NDF: 1.2/2

Left In: 712.252 $\pm$ 204.302 χ^2 /NDF: 13.3/8

-29.051 $\pm$ 170.434 χ^2 /NDF: 31.7/13

694.817 $\pm$ 180.105 χ^2 /NDF: 14.5/11

reg_asym_sam_37_dd_rms vs slug



Right In: 486.755+/-0.198 χ^2/NDF : 30948.0/4

Left Out: 470.470+/-0.152 χ^2/NDF : 74080.1/8

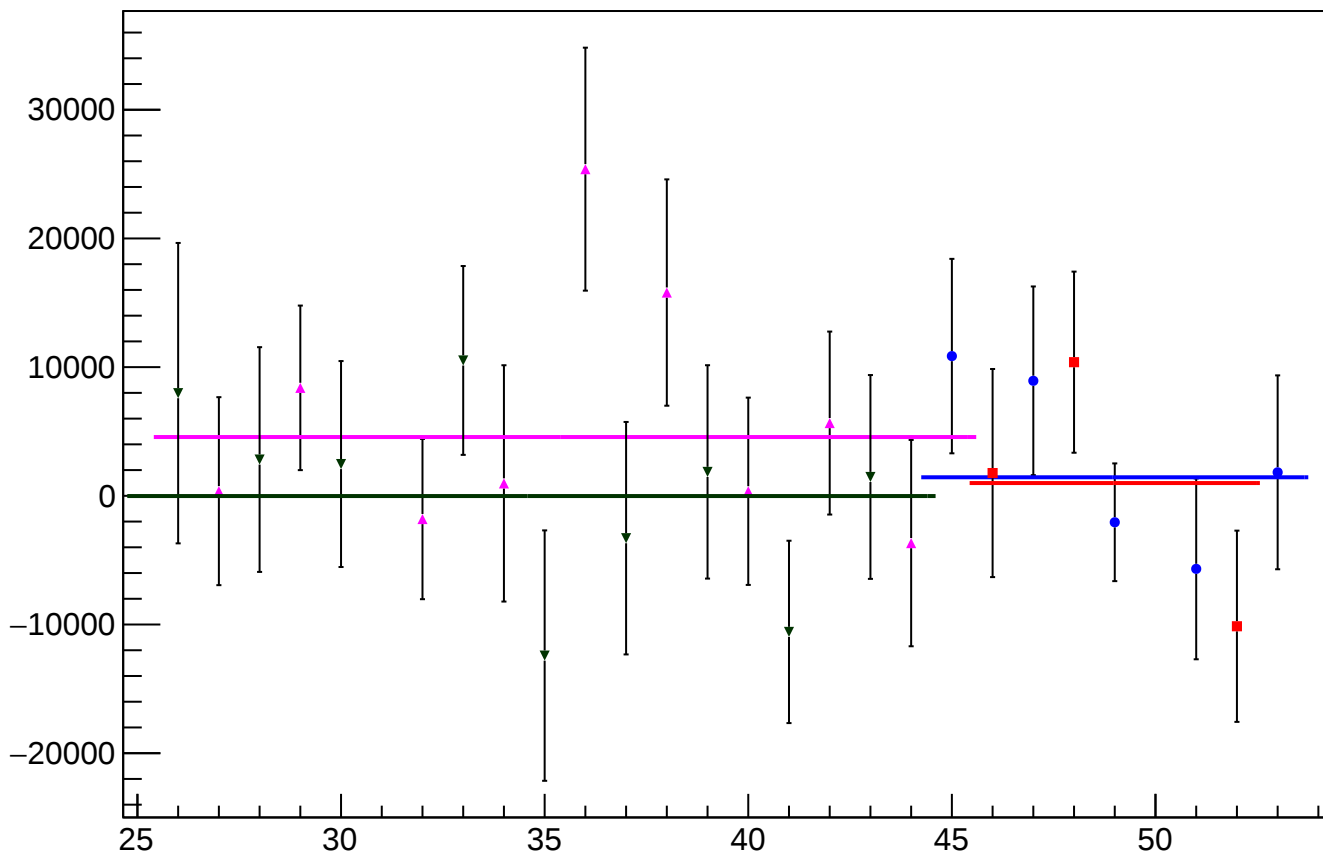
Right Out: 461.011+/-0.270 χ^2/NDF : 26994.6/2

Left In: 479.100+/-0.144 χ^2/NDF : 116132.1/8

476.491+/-0.121 χ^2/NDF : 109283.0/13

475.069+/-0.127 χ^2/NDF : 146621.0/11

asym_sam_37_dd_correction_mean vs slug



Right In: 1440.996 ± 2865.357 χ^2/NDF : 4.2/4

Left Out: -17.487 ± 2796.410 χ^2/NDF : 6.8/8

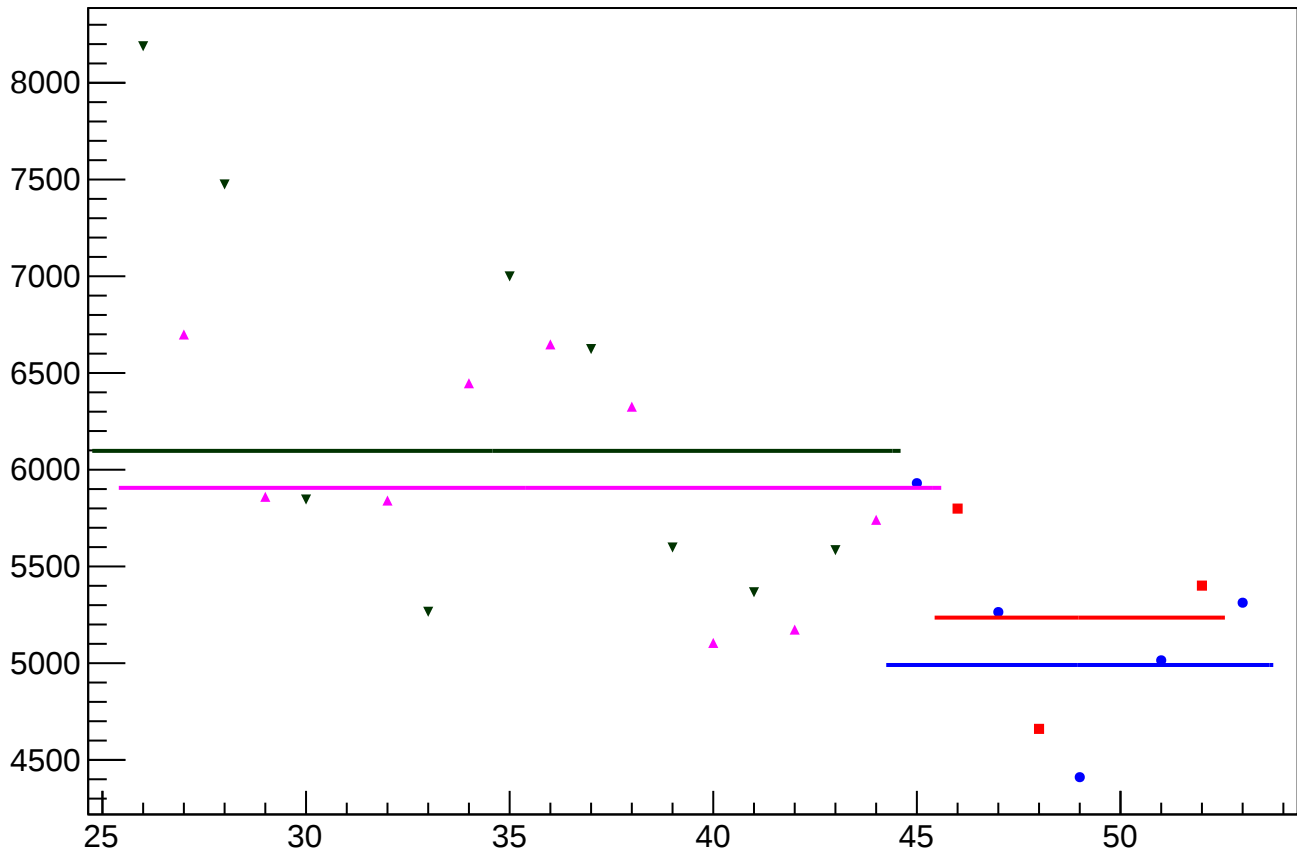
Right Out: 992.671 ± 4319.481 χ^2/NDF : 4.0/2

Left In: 4568.467 ± 2506.032 χ^2/NDF : 9.8/8

693.996 ± 2001.292 χ^2/NDF : 11.1/13

3667.969 ± 2167.636 χ^2/NDF : 14.3/11

asym_sam_37_dd_correction_rms vs slug



Right In: 4990.726+/-2.026 χ^2/NDF : 69556.7/4

Left Out: 6097.446+/-1.977 χ^2/NDF : 202537.0/8

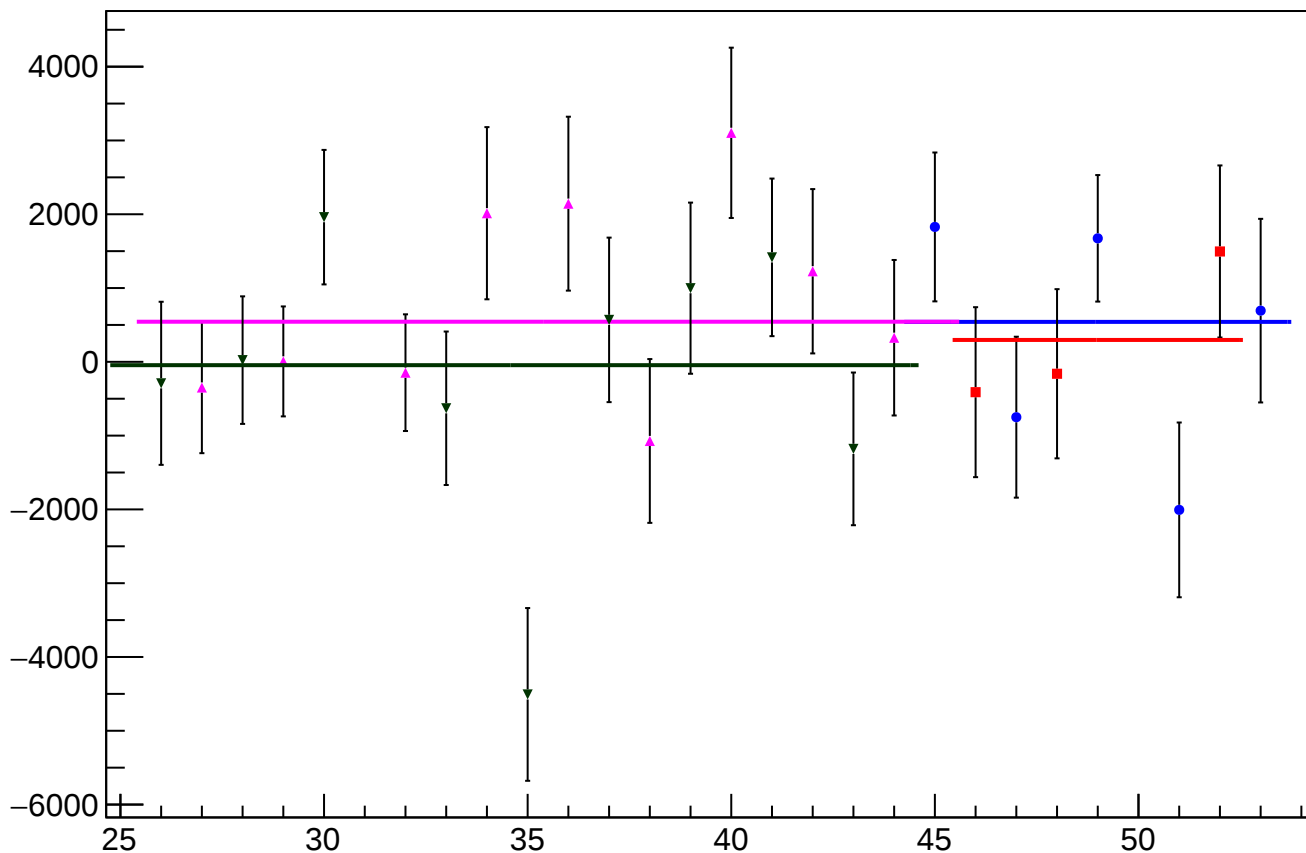
Right Out: 5235.581+/-3.054 χ^2/NDF : 24060.6/2

Left In: 5906.293+/-1.772 χ^2/NDF : 94067.7/8

5557.562+/-1.415 χ^2/NDF : 424909.1/13

5737.387+/-1.533 χ^2/NDF : 154206.0/11

reg_asym_sam_48_dd_mean vs slug



Right In: 541.436 ± 469.159 χ^2/NDF : 9.4/4

Left Out: -45.235 ± 345.547 χ^2/NDF : 23.9/8

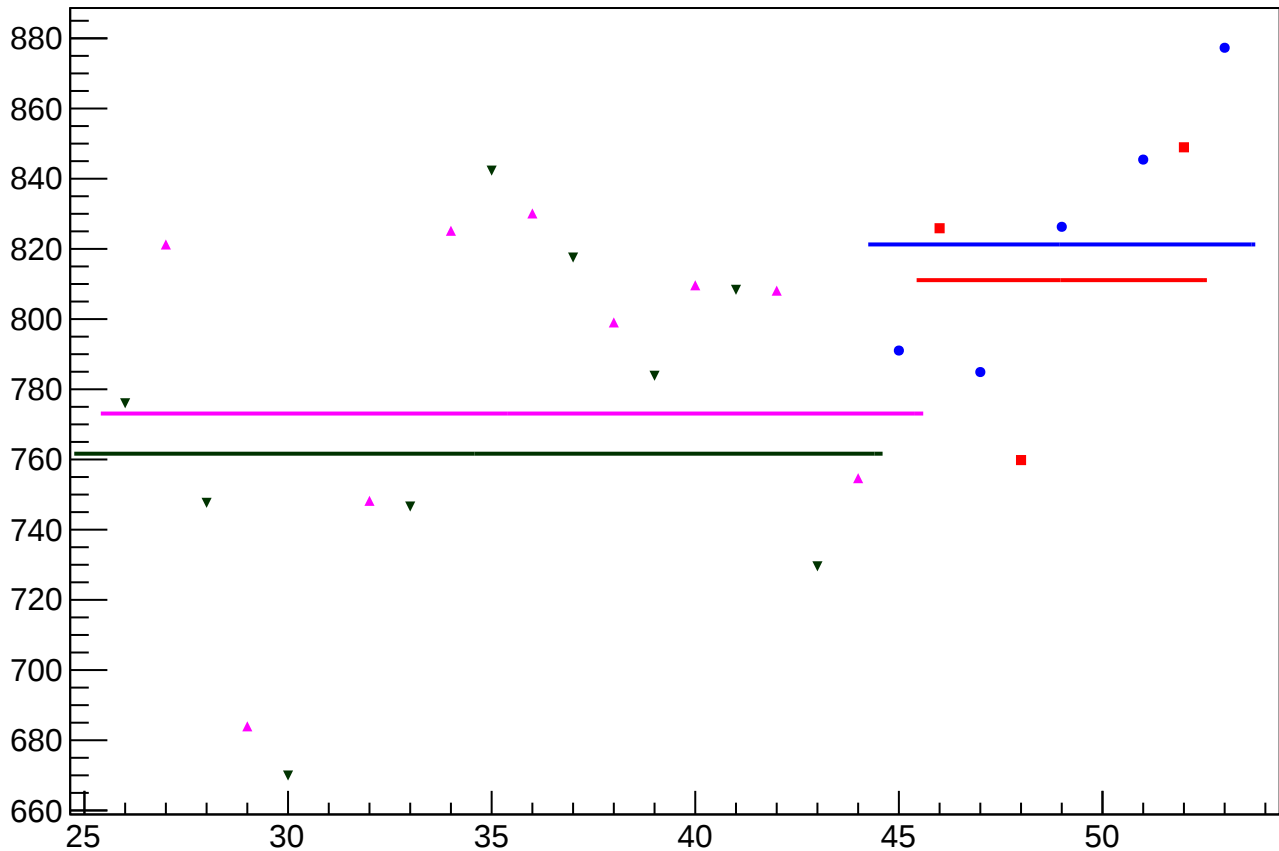
Right Out: 296.571 ± 666.661 χ^2/NDF : 1.6/2

Left In: 543.555 ± 326.377 χ^2/NDF : 13.2/8

161.090 ± 278.227 χ^2/NDF : 34.4/13

495.803 ± 293.133 χ^2/NDF : 14.9/11

reg_asym_sam_48_dd_rms vs slug



Right In: 821.269+/-0.332 χ^2/NDF : 8979.7/4

Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

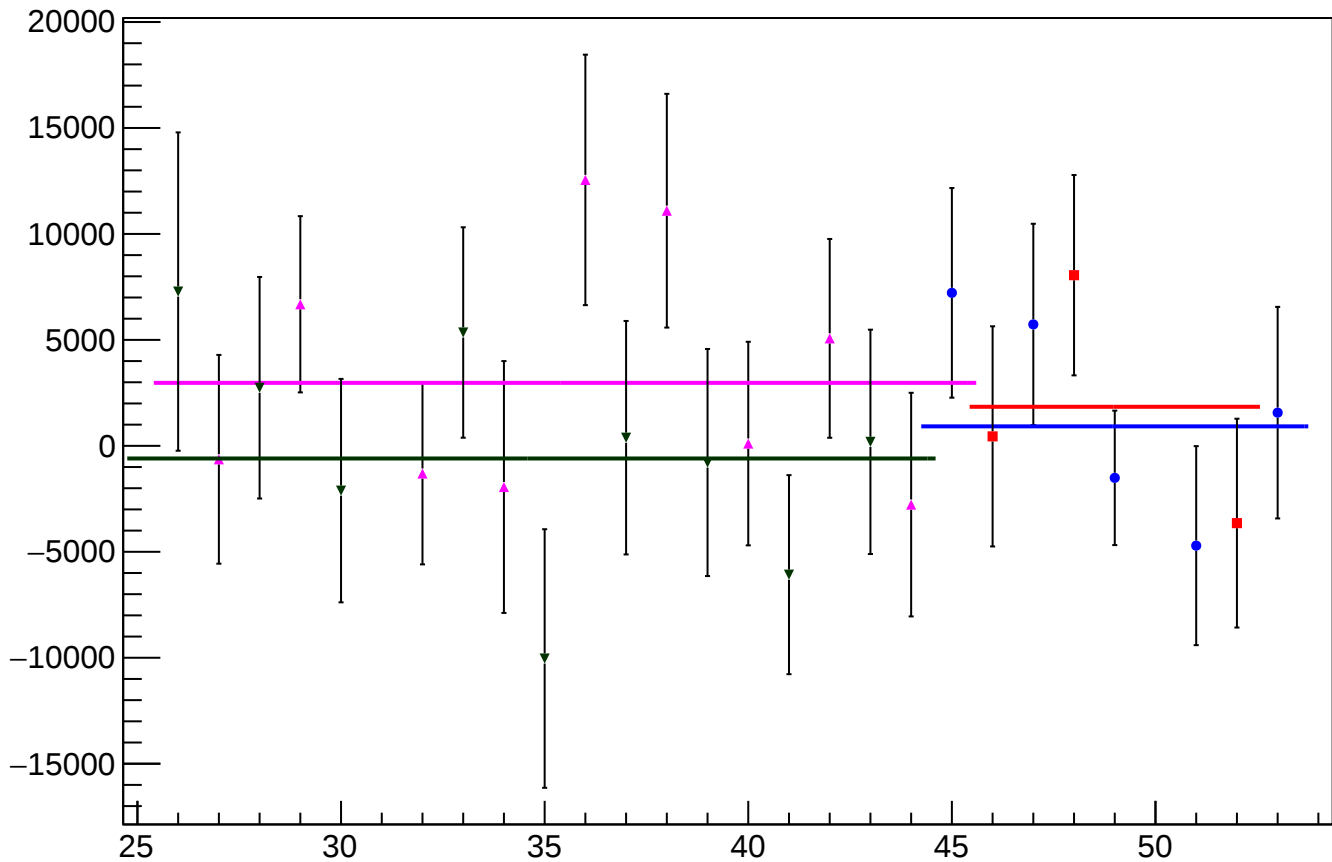
Right Out: 811.098+/-0.471 χ^2/NDF : 6435.8/2

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

782.616+/-0.197 χ^2/NDF : 72452.3/13

780.438+/-0.207 χ^2/NDF : 62488.7/11

asym_sam_48_dd_correction_mean vs slug



Right In: 919.321 $\pm$ 1924.145 χ^2 /NDF: 4.7/4

Left Out: -596.718 $\pm$ 1806.172 χ^2 /NDF: 6.8/8

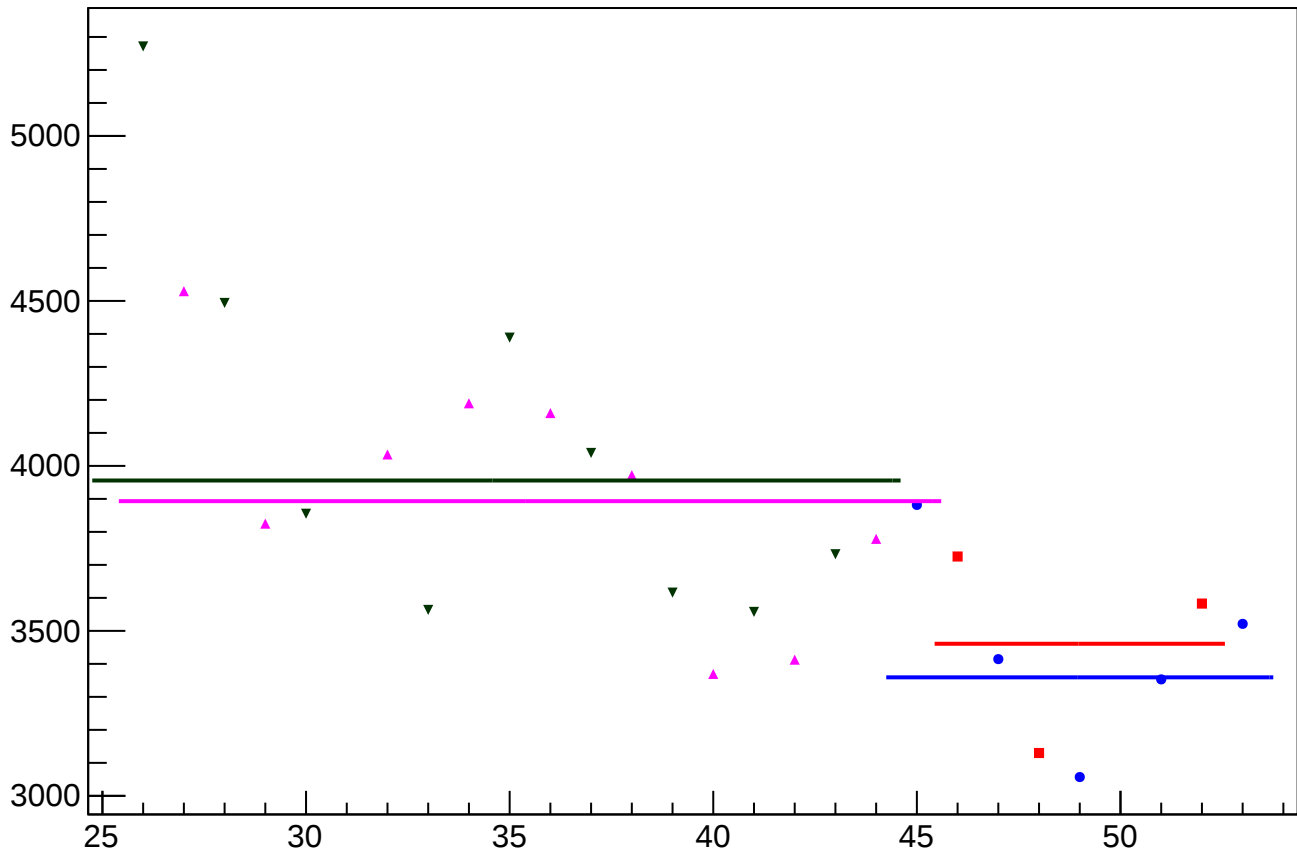
Right Out: 1843.152 $\pm$ 2851.137 χ^2 /NDF: 3.0/2

Left In: 2972.241 $\pm$ 1648.547 χ^2 /NDF: 9.5/8

113.404 $\pm$ 1316.889 χ^2 /NDF: 11.9/13

2689.341 $\pm$ 1427.154 χ^2 /NDF: 12.7/11

asym_sam_48_dd_correction_rms vs slug



Right In: 3359.170+/-1.361 χ^2/NDF : 42862.0/4

Left Out: 3955.749+/-1.277 χ^2/NDF :132278.2/8

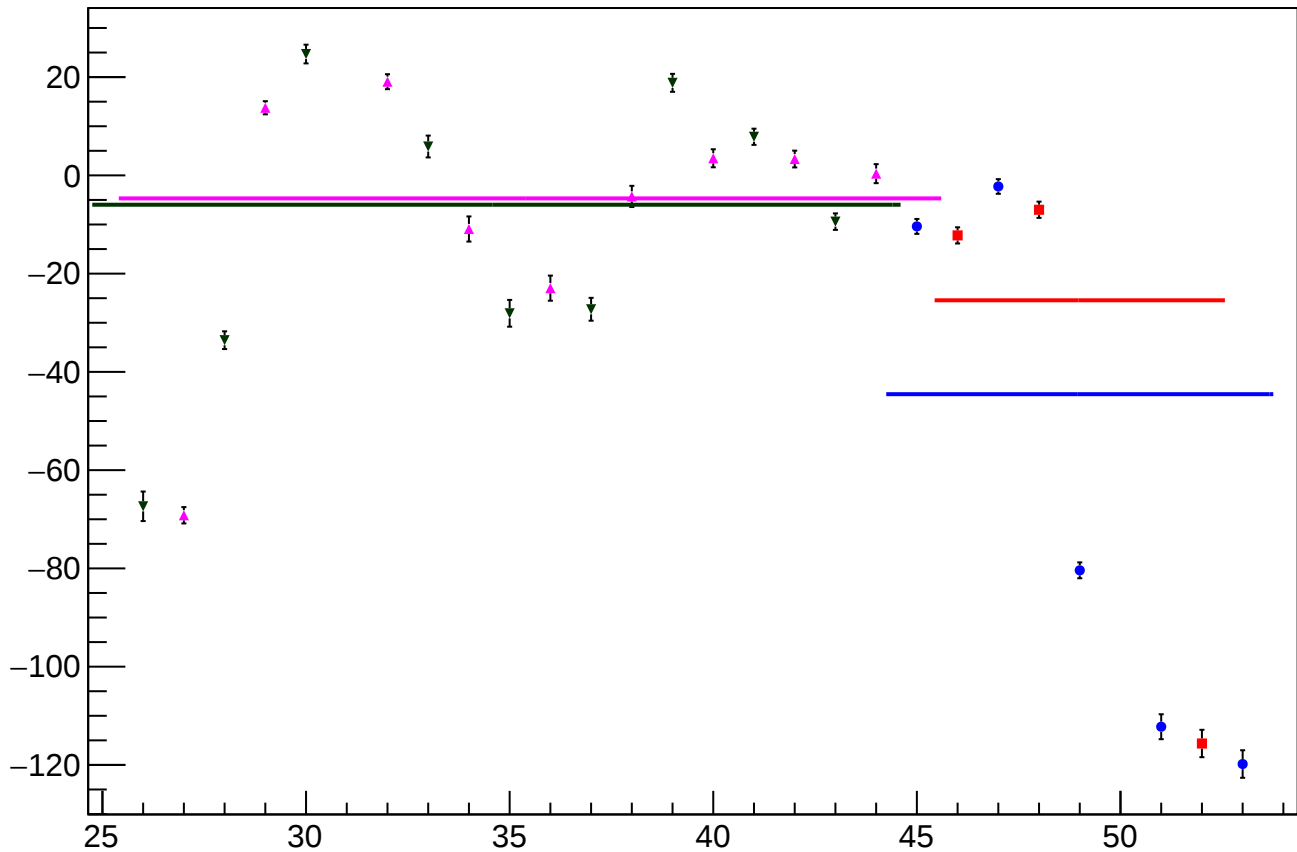
3676.307+/-0.931 χ^2/NDF : 277344.6/13

Right Out: 3460.944+/-2.016 χ^2/NDF : 16218.8/2

3784.856+/-1.009 χ^2/NDF : 141909.4/11

Left In: 3893.148+/-1.166 χ^2/NDF :91246.8/8

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -44.538 ± 0.804 χ^2/NDF : 3231.7/4

Left Out: -5.976 ± 0.669 χ^2/NDF : 1346.2/8

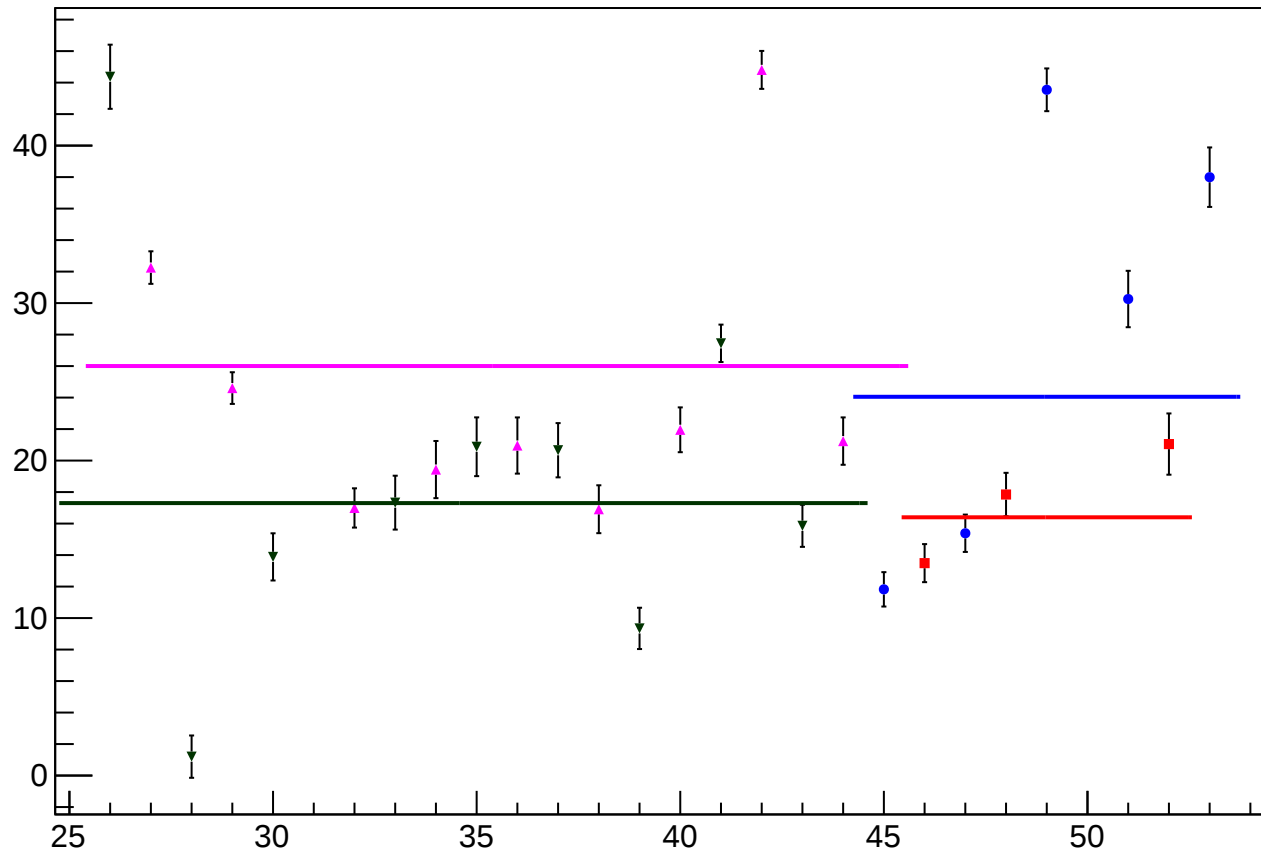
Right Out: -25.427 ± 1.076 χ^2/NDF : 1237.3/2

Left In: -4.687 ± 0.600 χ^2/NDF : 2042.2/8

-21.747 ± 0.514 χ^2/NDF : 5938.0/13

-9.612 ± 0.524 χ^2/NDF : 3563.0/11

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 24.051 ± 0.610 χ^2/NDF : 451.7/4

Left Out: 17.301 ± 0.497 χ^2/NDF : 443.8/8

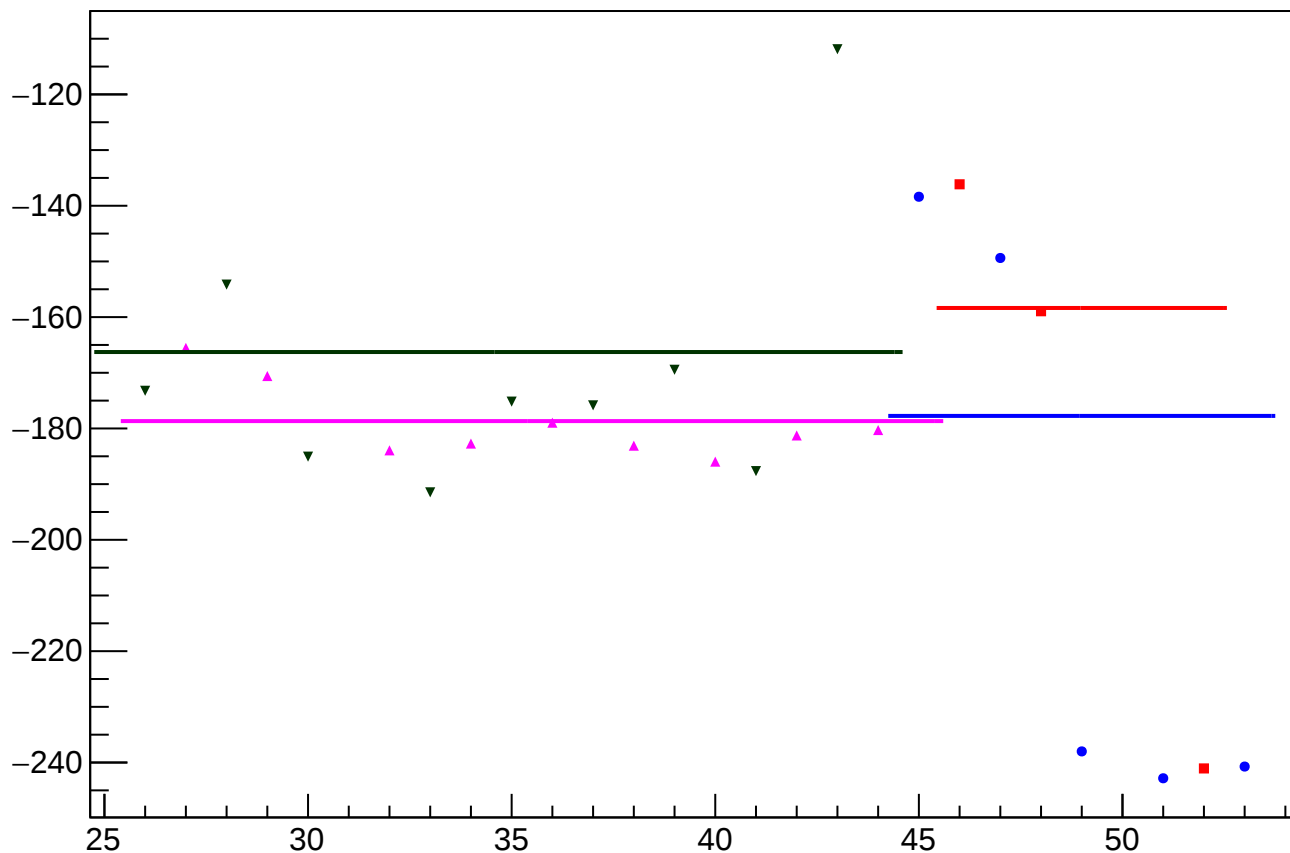
Right Out: 16.398 ± 0.823 χ^2/NDF : 12.6/2

Left In: 26.003 ± 0.437 χ^2/NDF : 409.3/8

19.990 ± 0.385 χ^2/NDF : 969.1/13

23.892 ± 0.386 χ^2/NDF : 528.2/11

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -177.745+/-0.140 χ^2/NDF : 109212.8/4

Left Out: -166.272+/-0.112 χ^2/NDF : 54572.5/8

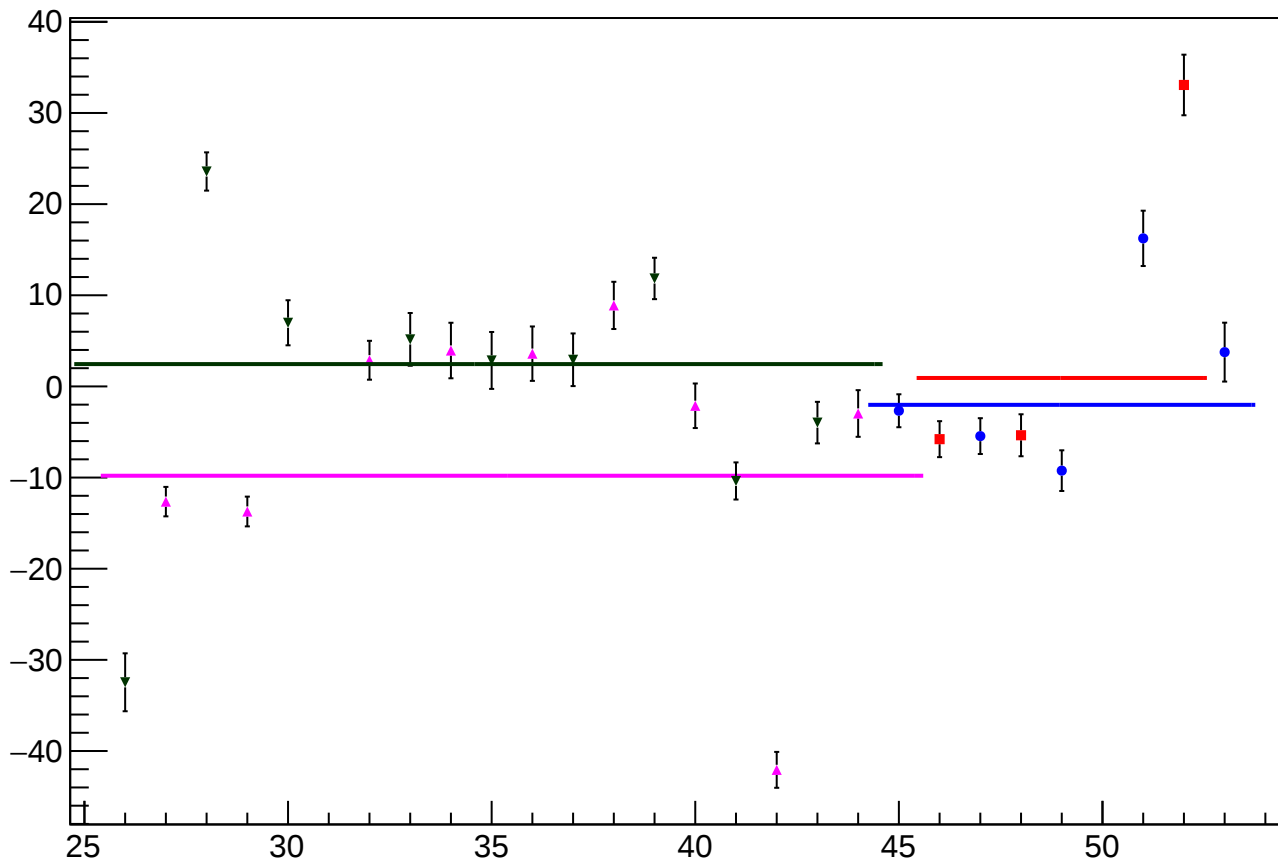
Right Out: -158.359+/-0.176 χ^2/NDF : 37638.3/2

Left In: -178.677+/-0.104 χ^2/NDF : 4273.4/8

-170.759+/-0.087 χ^2/NDF : 167879.7/13

-173.460+/-0.089 χ^2/NDF : 51779.9/11

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -2.022 ± 1.015 χ^2/NDF : 53.1/4

Left Out: 2.449 ± 0.828 χ^2/NDF : 291.1/8

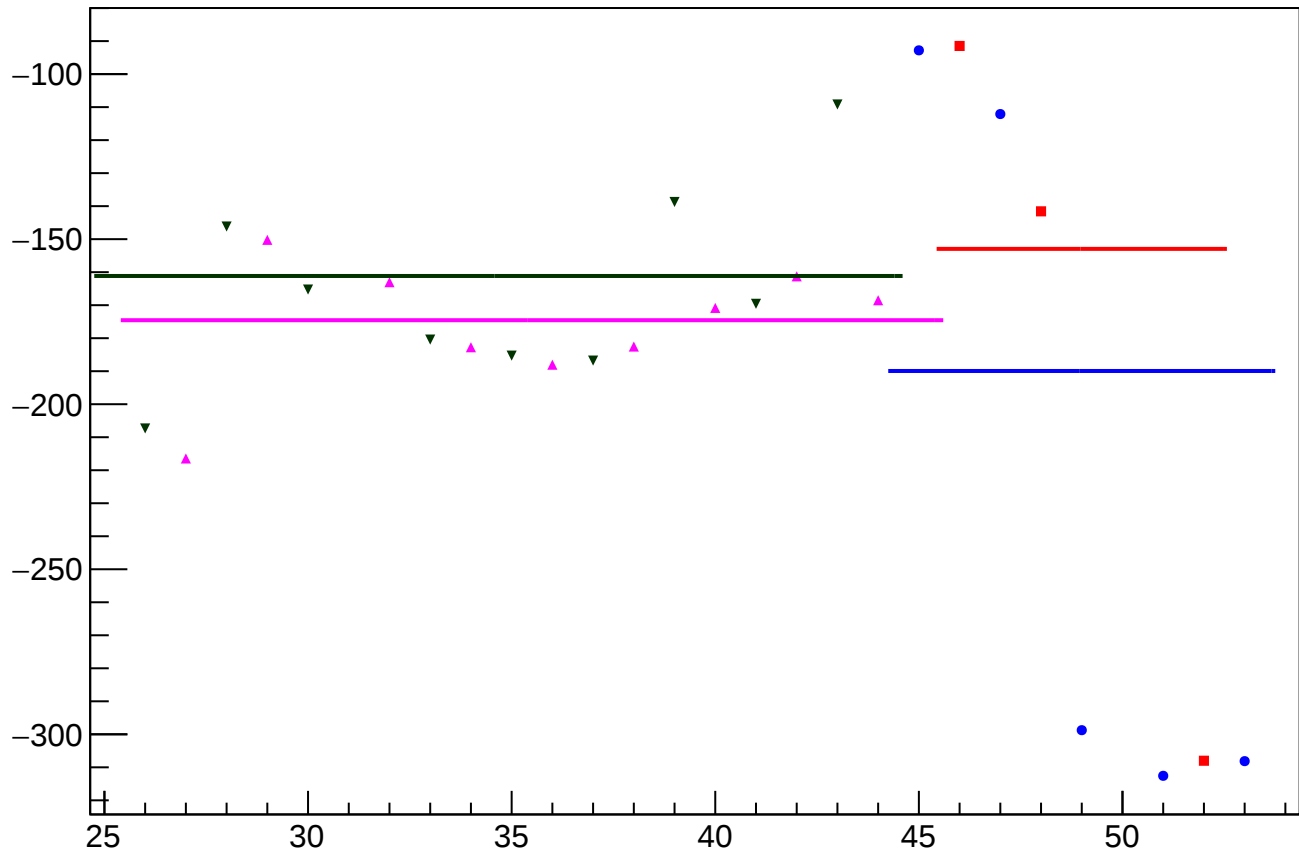
Right Out: 0.927 ± 1.366 χ^2/NDF : 112.5/2

Left In: -9.799 ± 0.721 χ^2/NDF : 422.2/8

0.663 ± 0.642 χ^2/NDF : 355.8/13

-7.464 ± 0.637 χ^2/NDF : 583.0/11

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -189.932 ± 0.197 $\chi^2/\text{NDF}: 260974.1/4$

Left Out: -161.152 ± 0.151 $\chi^2/\text{NDF}: 35710.6/8$

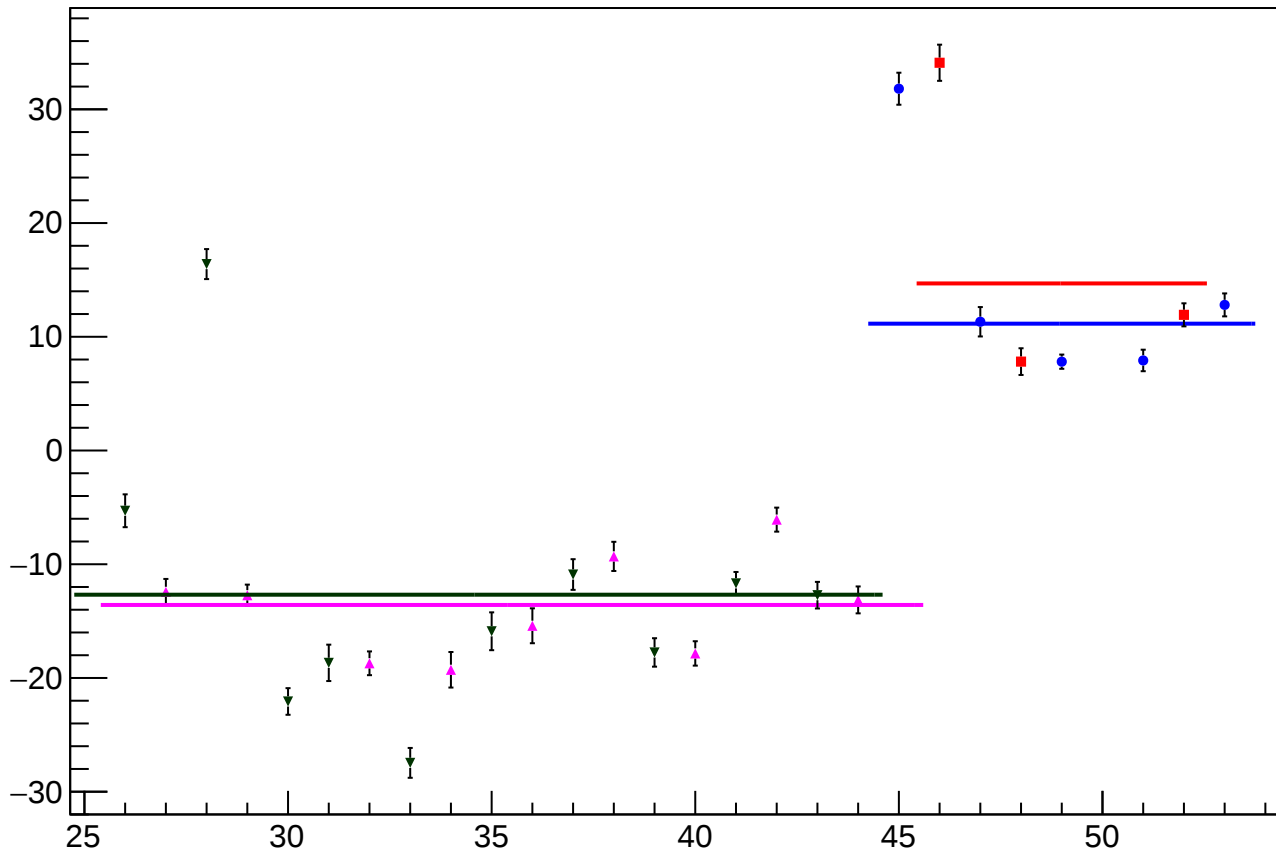
Right Out: -152.940 ± 0.259 $\chi^2/\text{NDF}: 98375.1/2$

Left In: -174.553 ± 0.152 $\chi^2/\text{NDF}: 17338.1/8$

-171.815 ± 0.120 $\chi^2/\text{NDF}: 310095.6/13$

-169.044 ± 0.131 $\chi^2/\text{NDF}: 120889.6/11$

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.153+/-0.417 χ^2/NDF : 258.3/4

Left Out: -12.678+/-0.407 χ^2/NDF : 739.7/9

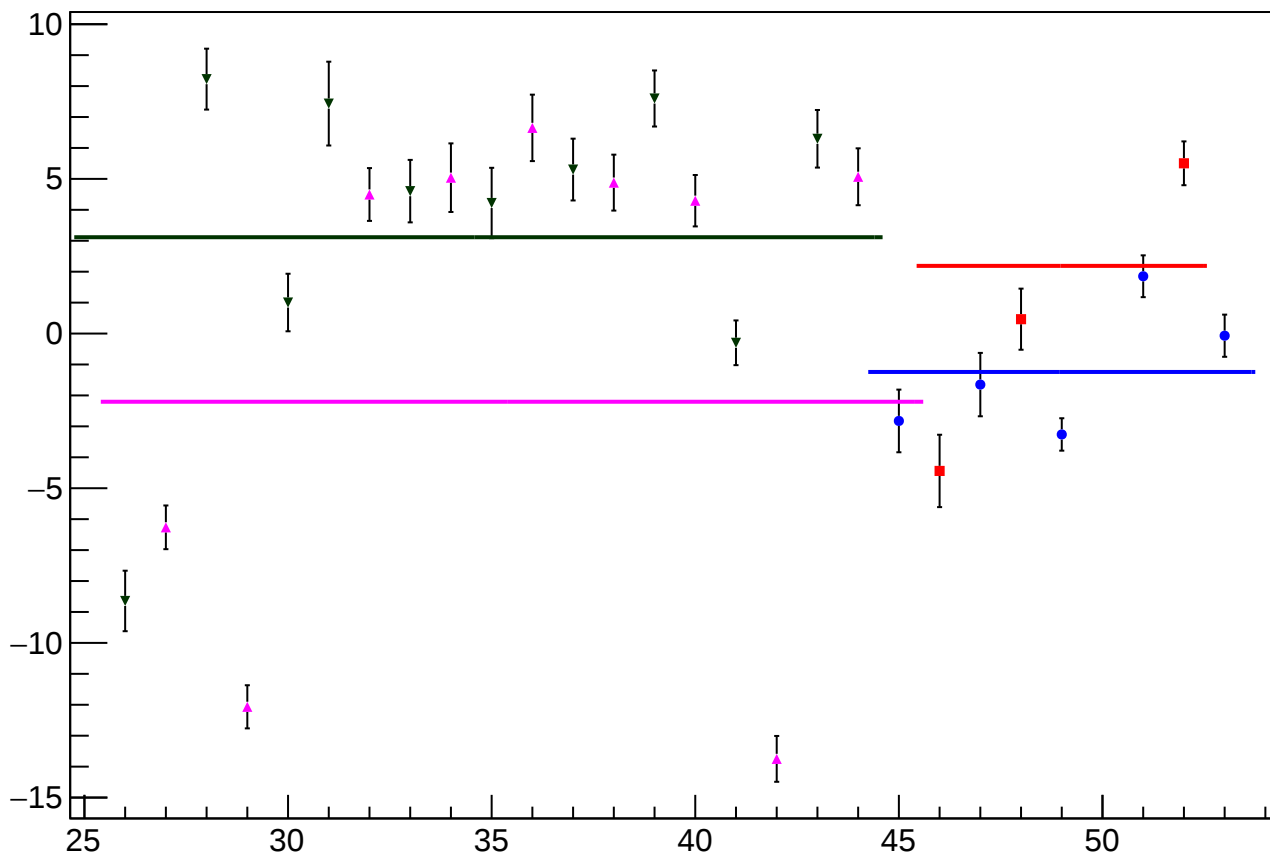
Right Out: 14.691+/-0.691 χ^2/NDF : 190.6/2

Left In: -13.580+/-0.384 χ^2/NDF : 118.2/8

-1.039+/-0.291 χ^2/NDF : 2670.8/14

-6.897+/-0.336 χ^2/NDF : 1587.0/11

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -1.241 ± 0.318 $\chi^2/\text{NDF}: 41.4/4$

Left Out: 3.114 ± 0.304 $\chi^2/\text{NDF}: 253.2/9$

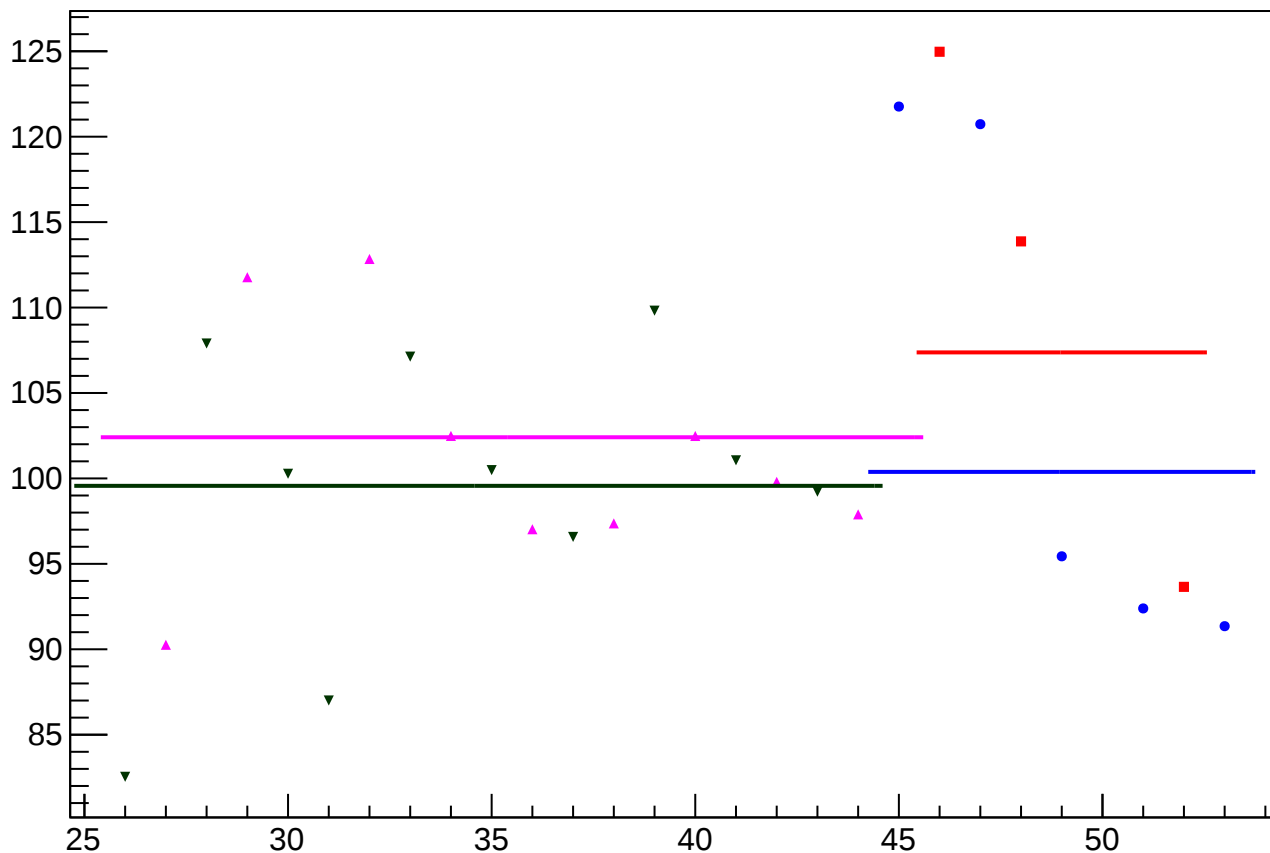
Right Out: 2.188 ± 0.516 $\chi^2/\text{NDF}: 57.1/2$

Left In: -2.204 ± 0.280 $\chi^2/\text{NDF}: 833.1/8$

1.032 ± 0.220 $\chi^2/\text{NDF}: 392.7/14$

-1.209 ± 0.246 $\chi^2/\text{NDF}: 946.2/11$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 100.382 $\pm$ 0.077 χ^2/NDF : 24346.6/4

Left Out: 99.566 $\pm$ 0.067 χ^2/NDF : 14211.8/9

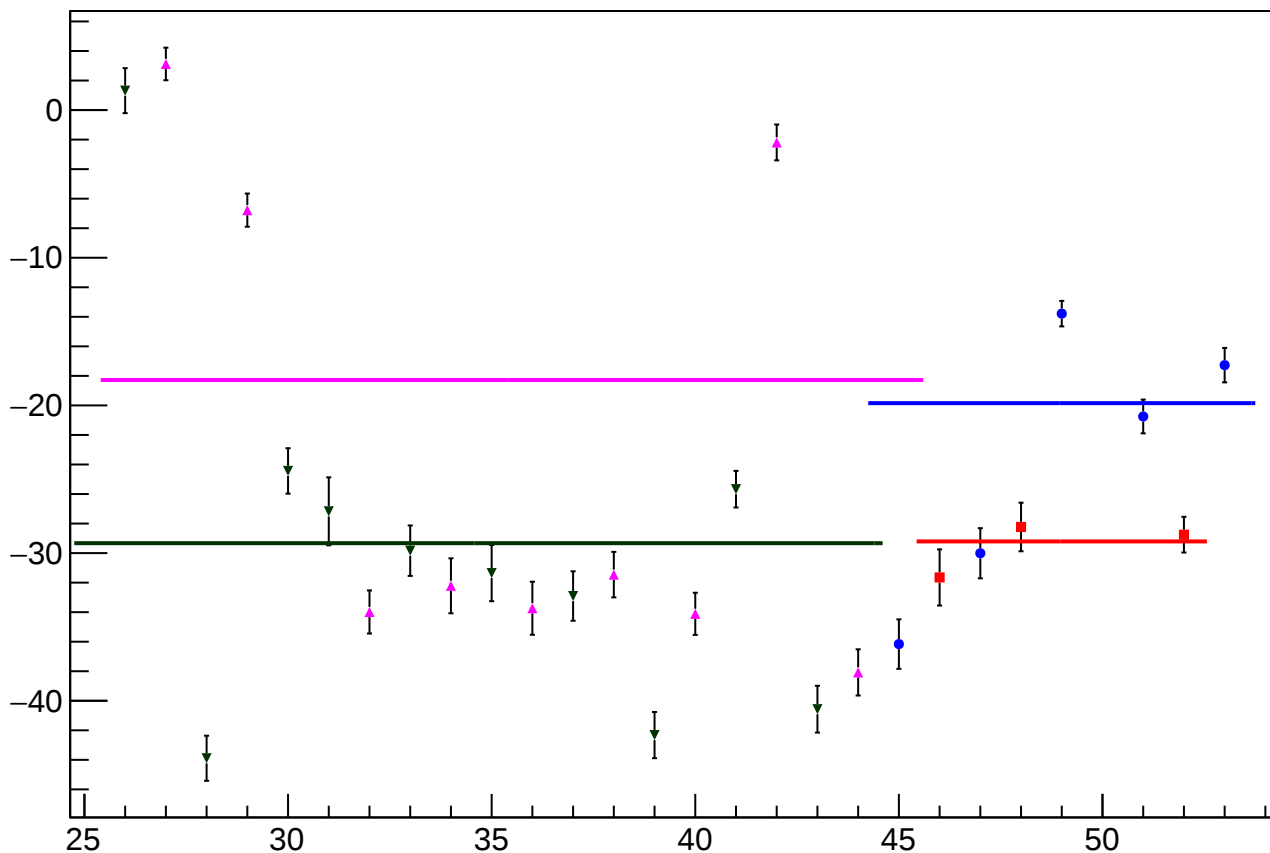
Right Out: 107.375 $\pm$ 0.118 χ^2/NDF : 12457.1/2

Left In: 102.409 $\pm$ 0.066 χ^2/NDF : 12175.8/8

99.916 $\pm$ 0.050 χ^2/NDF : 38622.6/14

103.590 $\pm$ 0.058 χ^2/NDF : 25976.3/11

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.846 ± 0.531 $\chi^2/\text{NDF}: 185.5/4$

Left Out: -29.328 ± 0.506 $\chi^2/\text{NDF}: 640.3/9$

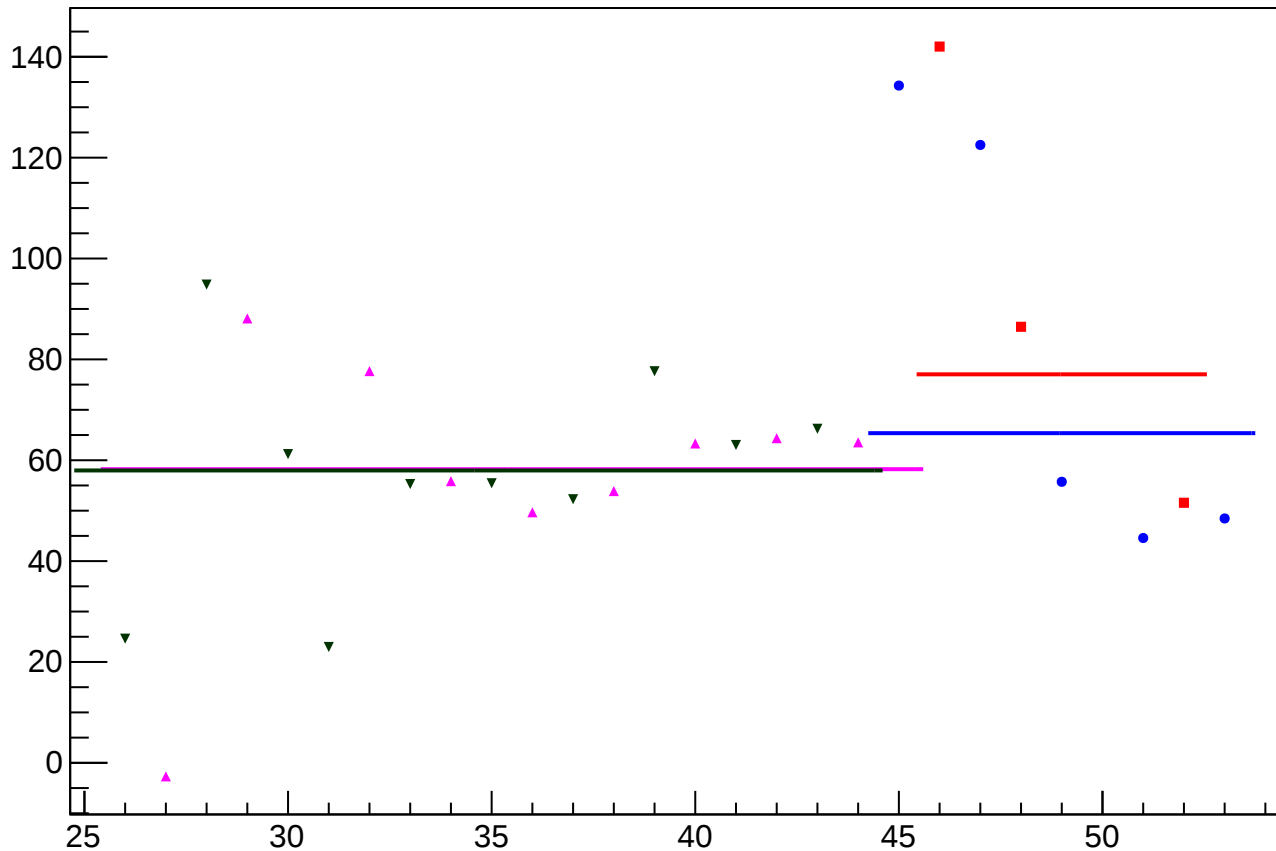
Right Out: -29.210 ± 0.868 $\chi^2/\text{NDF}: 2.1/2$

Left In: -18.278 ± 0.462 $\chi^2/\text{NDF}: 1258.8/8$

-24.816 ± 0.366 $\chi^2/\text{NDF}: 992.9/14$

-20.695 ± 0.408 $\chi^2/\text{NDF}: 1384.7/11$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 65.372+/-0.101 χ^2/NDF : 91364.9/4

Left Out: 57.976+/-0.092 χ^2/NDF : 48326.9/9

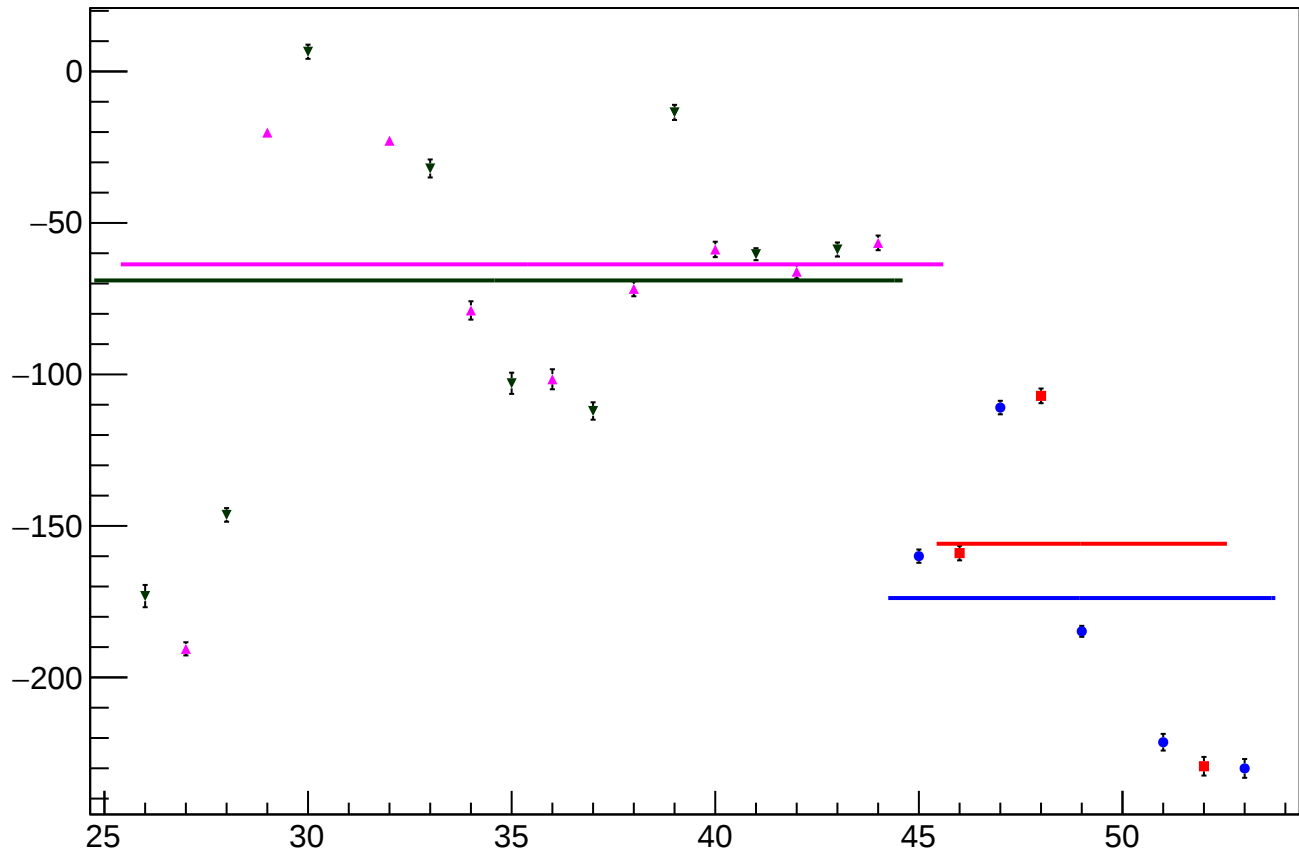
61.304+/-0.068 χ^2/NDF : 142628.3/14

Right Out: 77.037+/-0.153 χ^2/NDF : 46089.4/2

63.532+/-0.081 χ^2/NDF : 122677.0/11

Left In: 58.229+/-0.096 χ^2/NDF : 65783.8/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -173.807 ± 1.027 $\chi^2/\text{NDF}: 1495.3/4$

Left Out: -68.974 ± 0.854 $\chi^2/\text{NDF}: 4033.6/8$

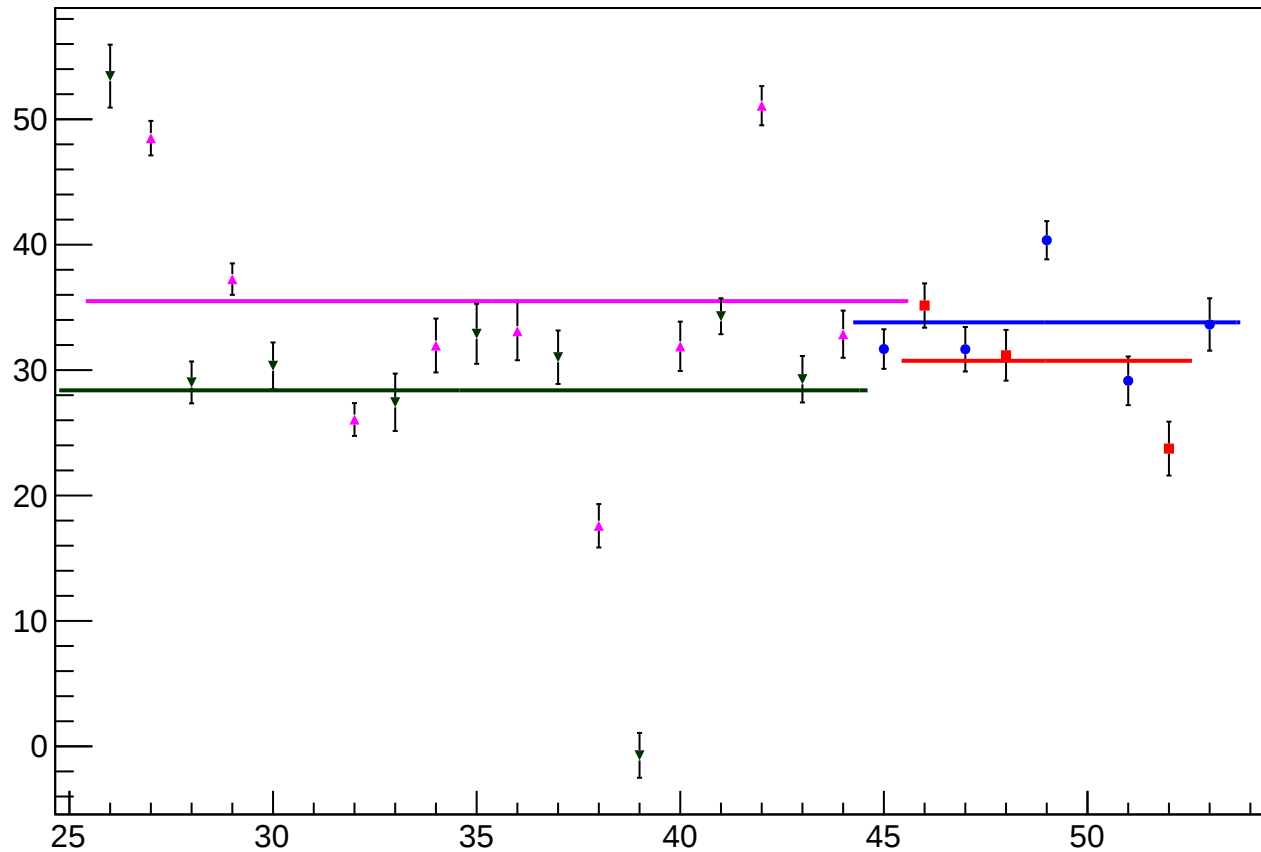
Right Out: -155.889 ± 1.493 $\chi^2/\text{NDF}: 977.2/2$

Left In: -63.663 ± 0.734 $\chi^2/\text{NDF}: 4921.5/8$

-111.848 ± 0.657 $\chi^2/\text{NDF}: 11686.9/13$

-81.613 ± 0.659 $\chi^2/\text{NDF}: 8973.3/11$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 33.807+/-0.780 χ^2/NDF : 27.5/4

Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

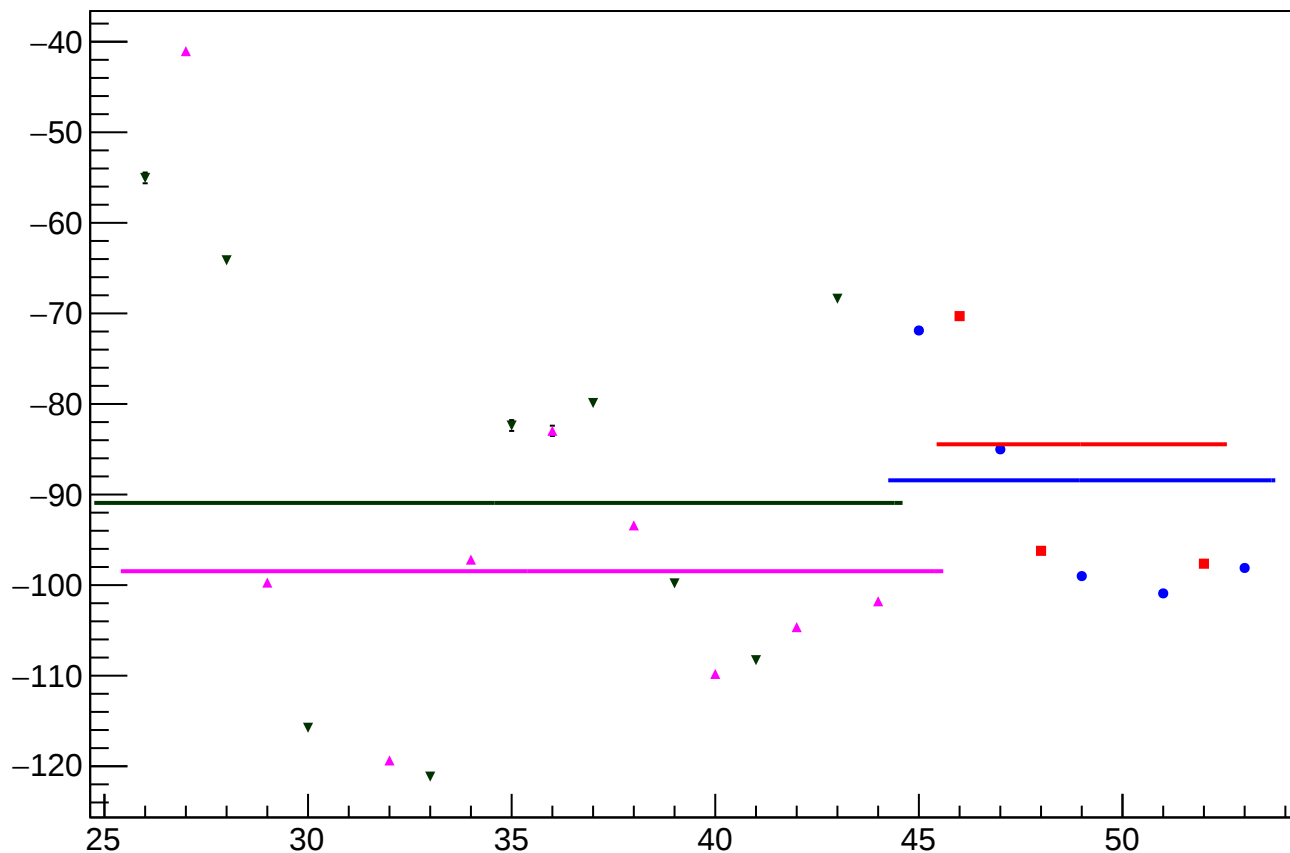
Right Out: 30.742+/-1.131 χ^2/NDF : 16.9/2

Left In: 35.499+/-0.540 χ^2/NDF : 358.9/8

30.546+/-0.492 χ^2/NDF : 444.7/13

34.617+/-0.487 χ^2/NDF : 390.2/11

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -88.430 +/- 0.182 χ^2/NDF : 4094.5/4

Left Out: -90.923 +/- 0.142 χ^2/NDF : 23966.6/8

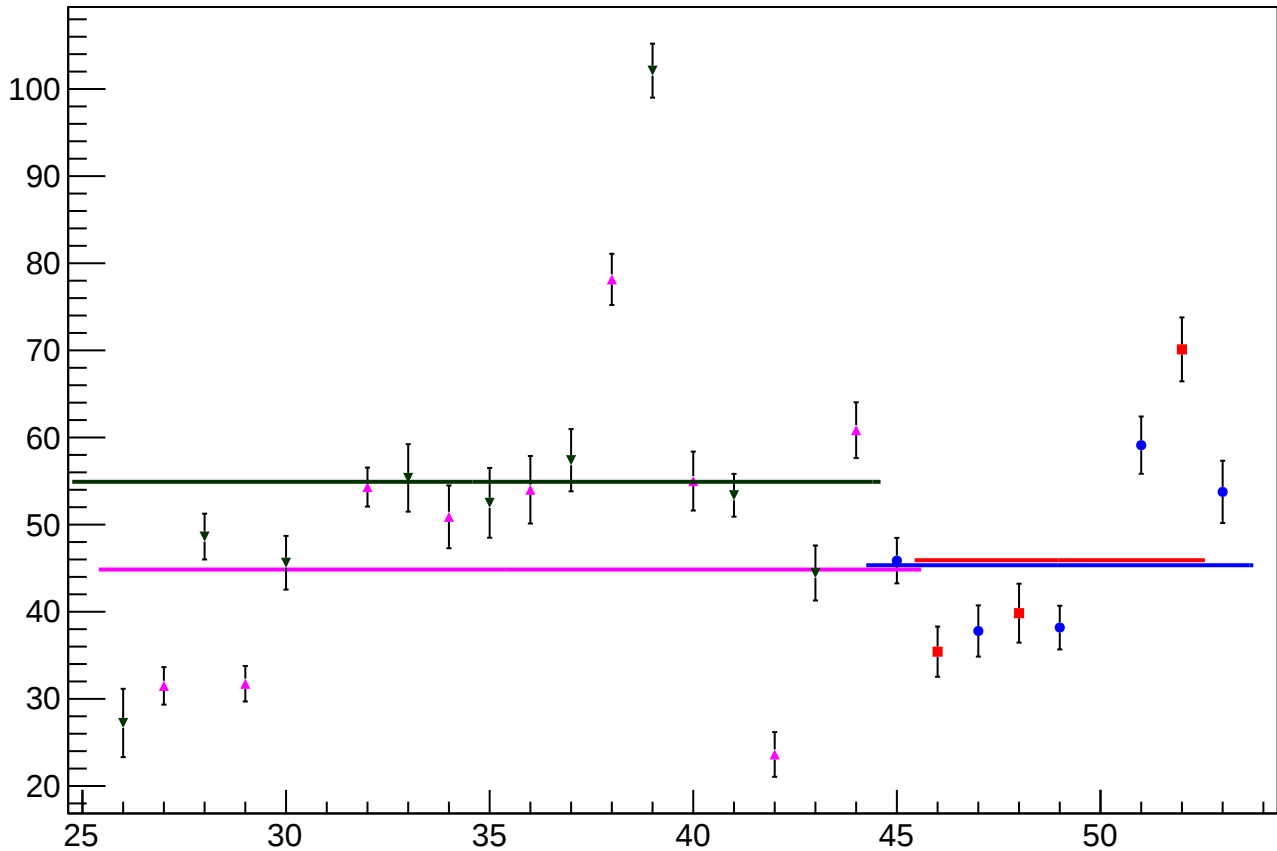
Right Out: -84.451 +/- 0.246 χ^2/NDF : 2883.7/2

Left In: -98.464 +/- 0.125 χ^2/NDF : 31724.1/8

-89.980 +/- 0.112 χ^2/NDF : 28177.3/13

-95.608 +/- 0.111 χ^2/NDF : 37186.5/11

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 45.338+/-1.299 χ^2/NDF : 37.9/4

Left Out: 54.915+/-1.058 χ^2/NDF : 309.2/8

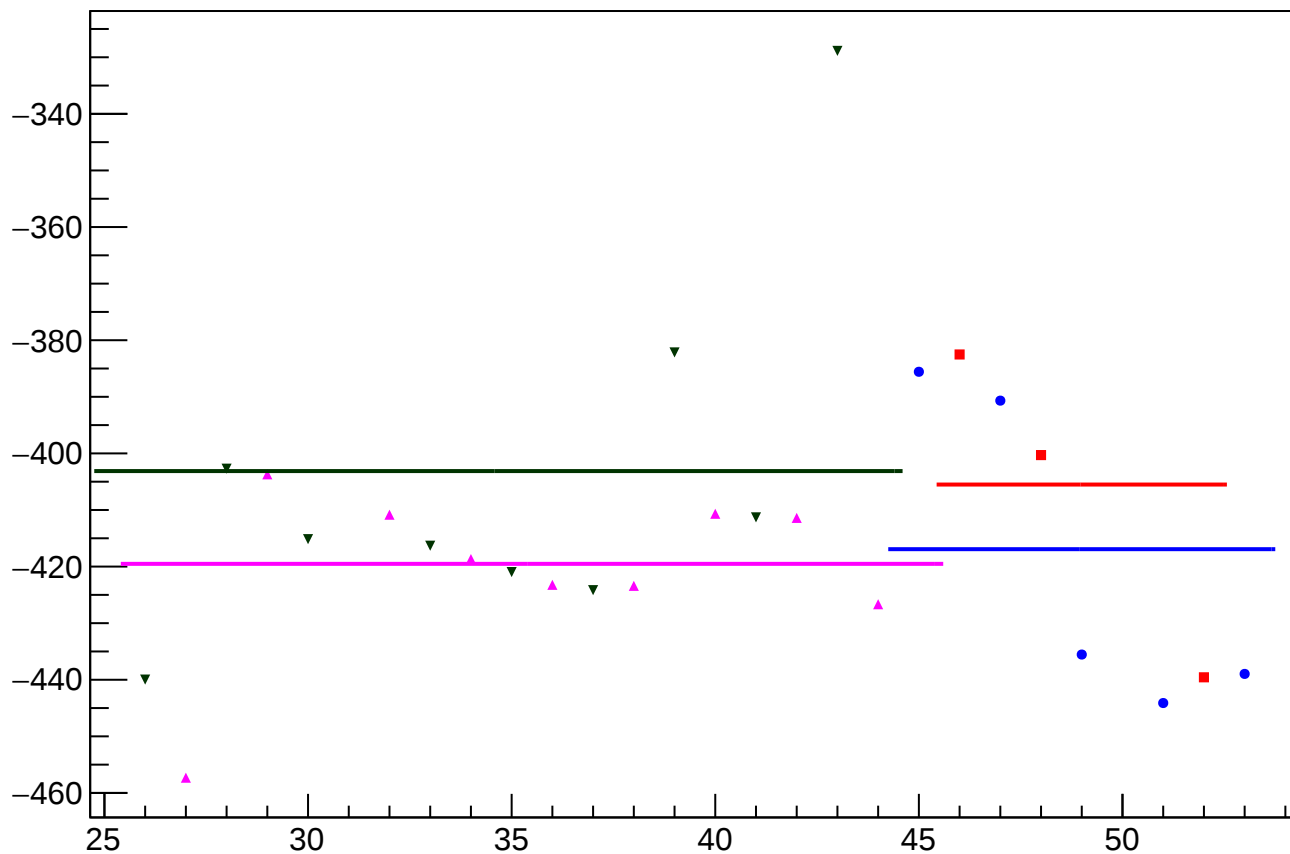
Right Out: 45.914+/-1.883 χ^2/NDF : 60.0/2

Left In: 44.844+/-0.893 χ^2/NDF : 337.0/8

51.096+/-0.820 χ^2/NDF : 379.8/13

45.041+/-0.807 χ^2/NDF : 397.2/11

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -416.924 $\pm$ 0.252 χ^2 /NDF: 10106.3/4

Left Out: -403.123 $\pm$ 0.196 χ^2 /NDF: 24564.7/8

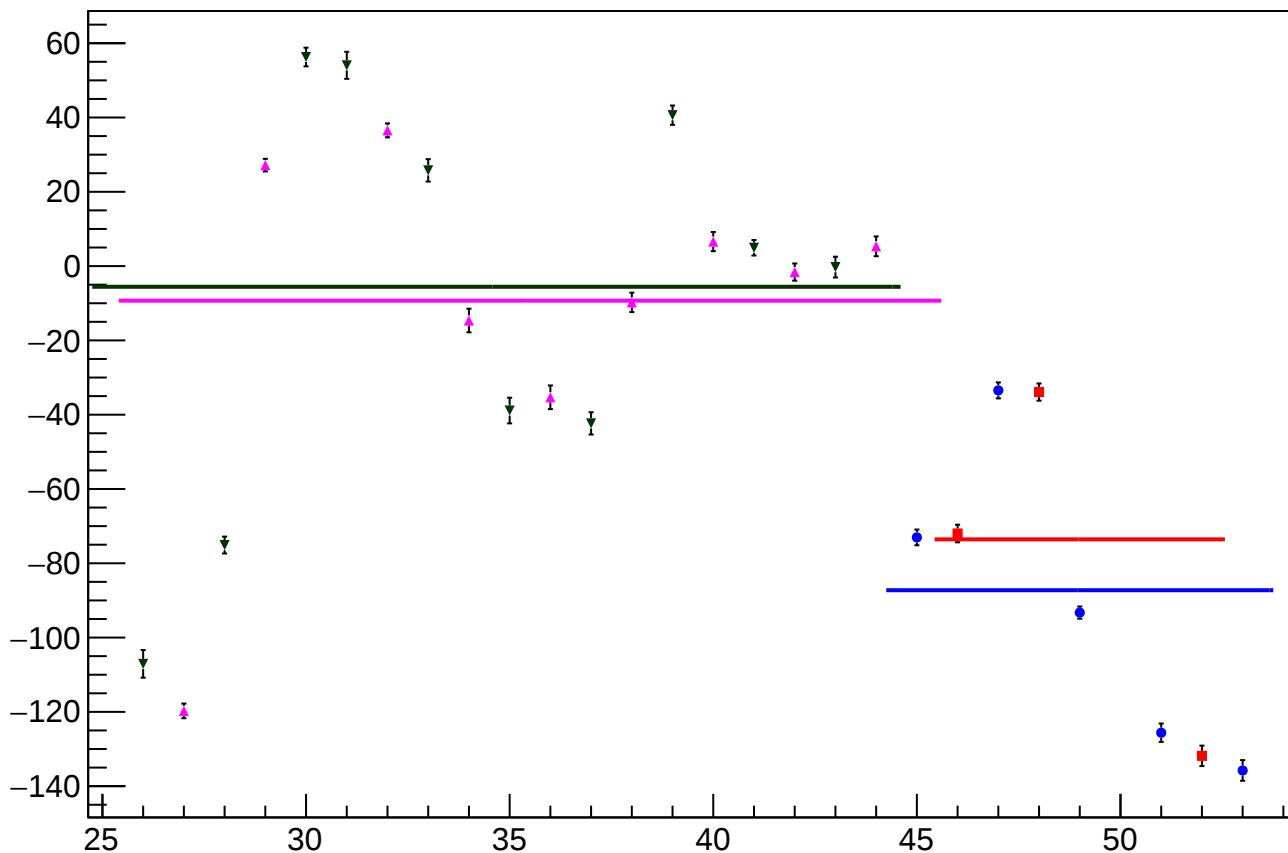
Right Out: -405.504 $\pm$ 0.352 χ^2 /NDF: 4583.3/2

Left In: -419.518 $\pm$ 0.188 χ^2 /NDF: 6841.4/8

-408.336 $\pm$ 0.155 χ^2 /NDF: 36542.9/13

-416.395 $\pm$ 0.166 χ^2 /NDF: 12657.7/11

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -87.251 $\pm$ 0.953 χ^2 /NDF: 1227.1/4

Left Out: -5.564 $\pm$ 0.873 χ^2 /NDF: 3249.0/9

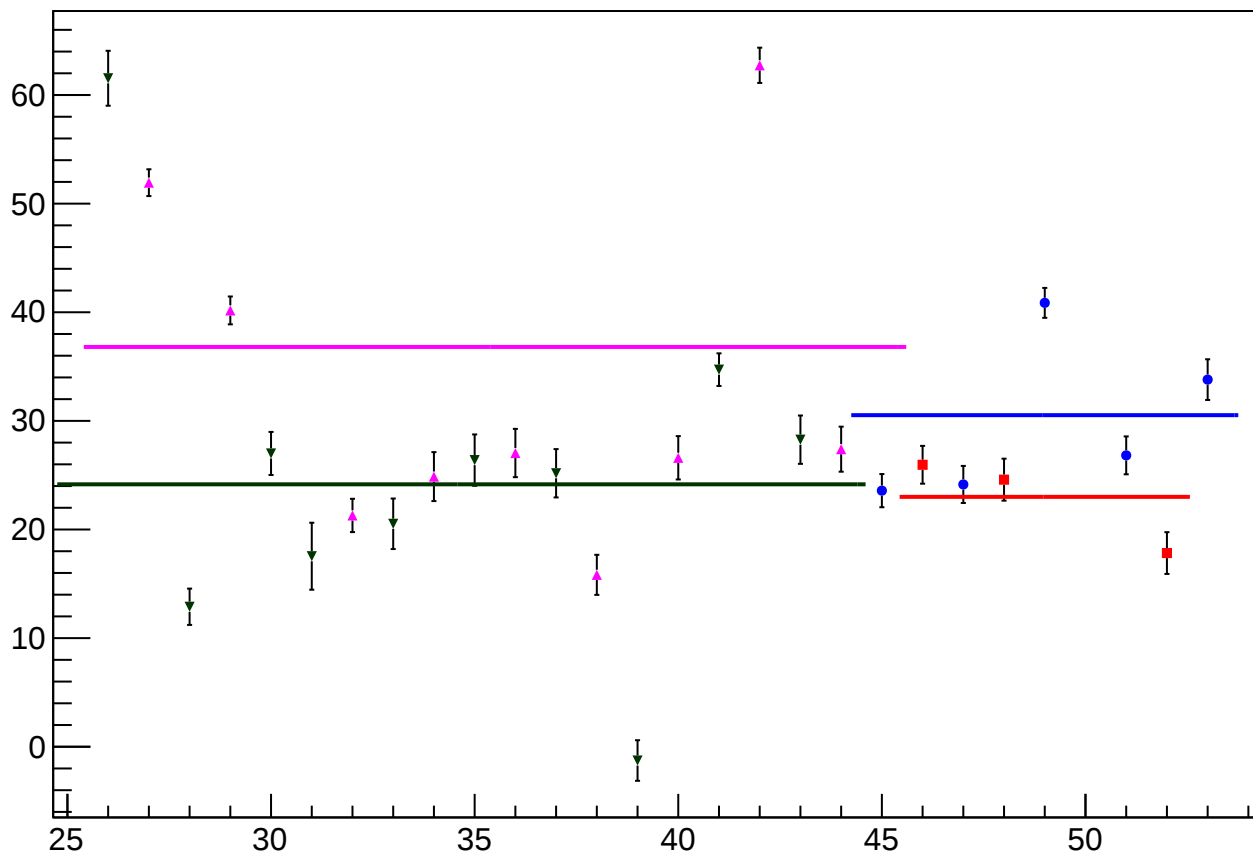
Right Out: -73.551 $\pm$ 1.419 χ^2 /NDF: 741.2/2

Left In: -9.304 $\pm$ 0.765 χ^2 /NDF: 4334.5/8

-42.872 $\pm$ 0.644 χ^2 /NDF: 8471.7/14

-23.774 $\pm$ 0.674 χ^2 /NDF: 6663.3/11

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 30.526 $\pm$ 0.723 χ^2 /NDF: 98.6/4

Left Out: 24.159 $\pm$ 0.649 χ^2 /NDF: 512.4/9

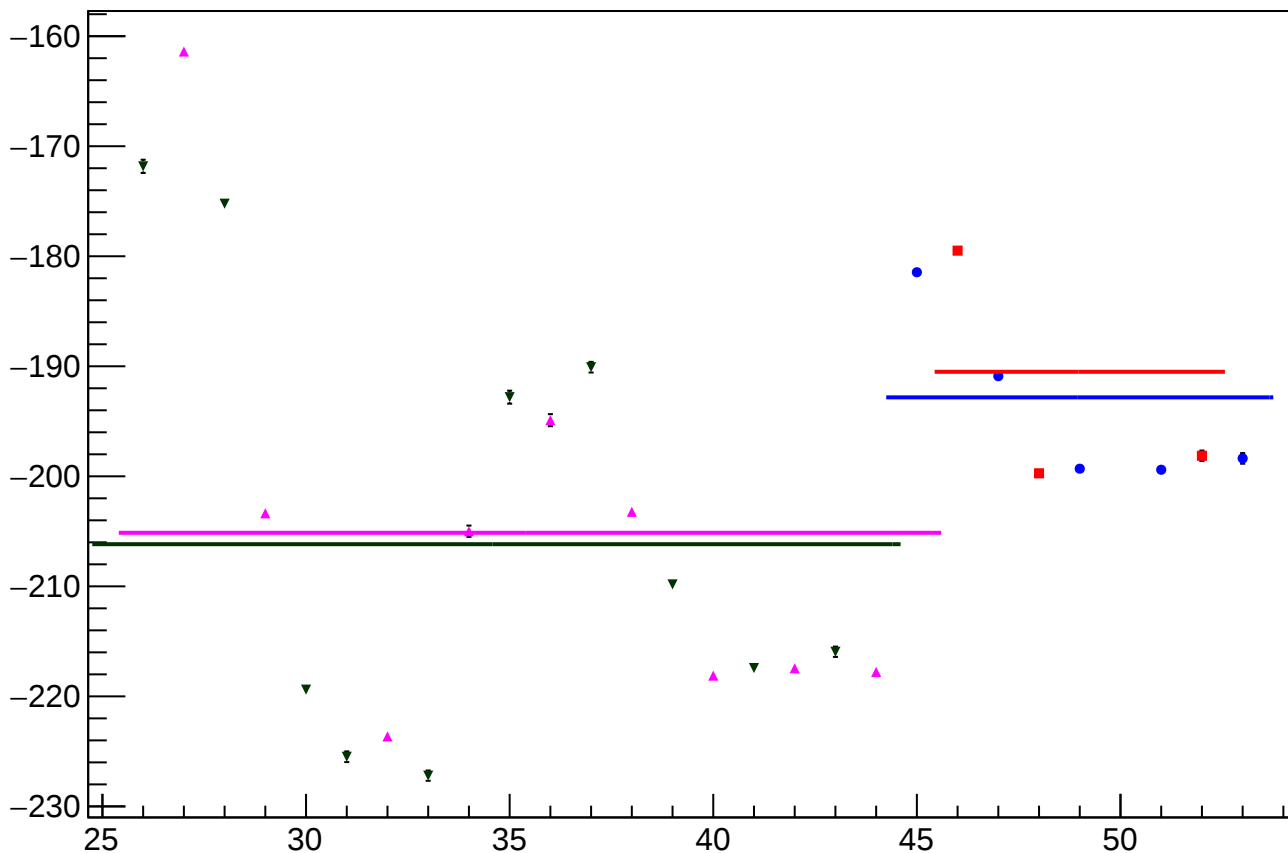
Right Out: 23.006 $\pm$ 1.073 χ^2 /NDF: 10.8/2

Left In: 36.807 $\pm$ 0.555 χ^2 /NDF: 738.6/8

27.002 $\pm$ 0.483 χ^2 /NDF: 653.9/14

33.897 $\pm$ 0.493 χ^2 /NDF: 879.9/11

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -192.825 ± 0.170 χ^2/NDF : 1878.5/4

Left Out: -206.170 ± 0.144 χ^2/NDF : 16992.5/9

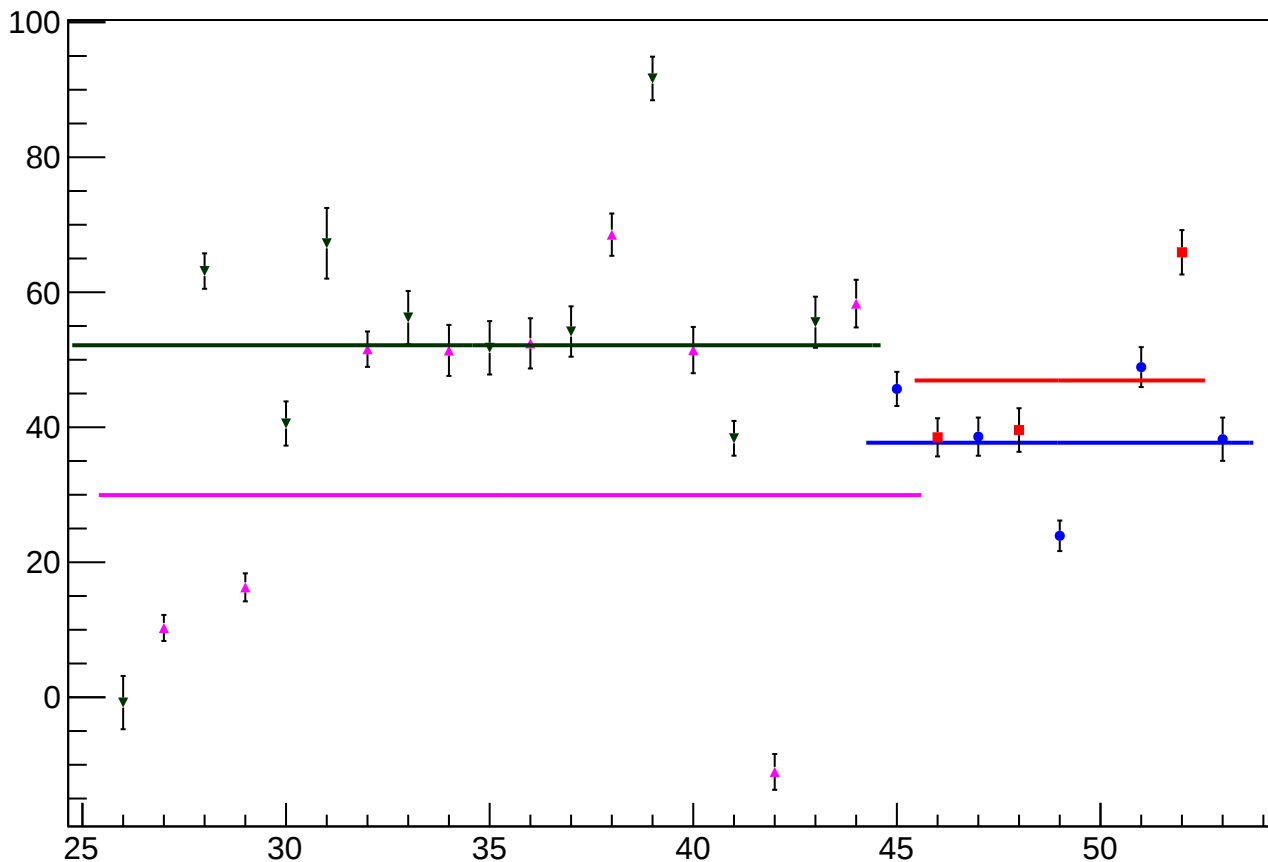
Right Out: -190.500 ± 0.235 χ^2/NDF : 1701.8/2

Left In: -205.134 ± 0.132 χ^2/NDF : 22564.1/8

-200.593 ± 0.110 χ^2/NDF : 22455.1/14

-201.650 ± 0.115 χ^2/NDF : 27210.4/11

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 37.711 $\pm$ 1.205 χ^2/NDF : 61.5/4

Left Out: 52.148 $\pm$ 1.081 χ^2/NDF : 398.7/9

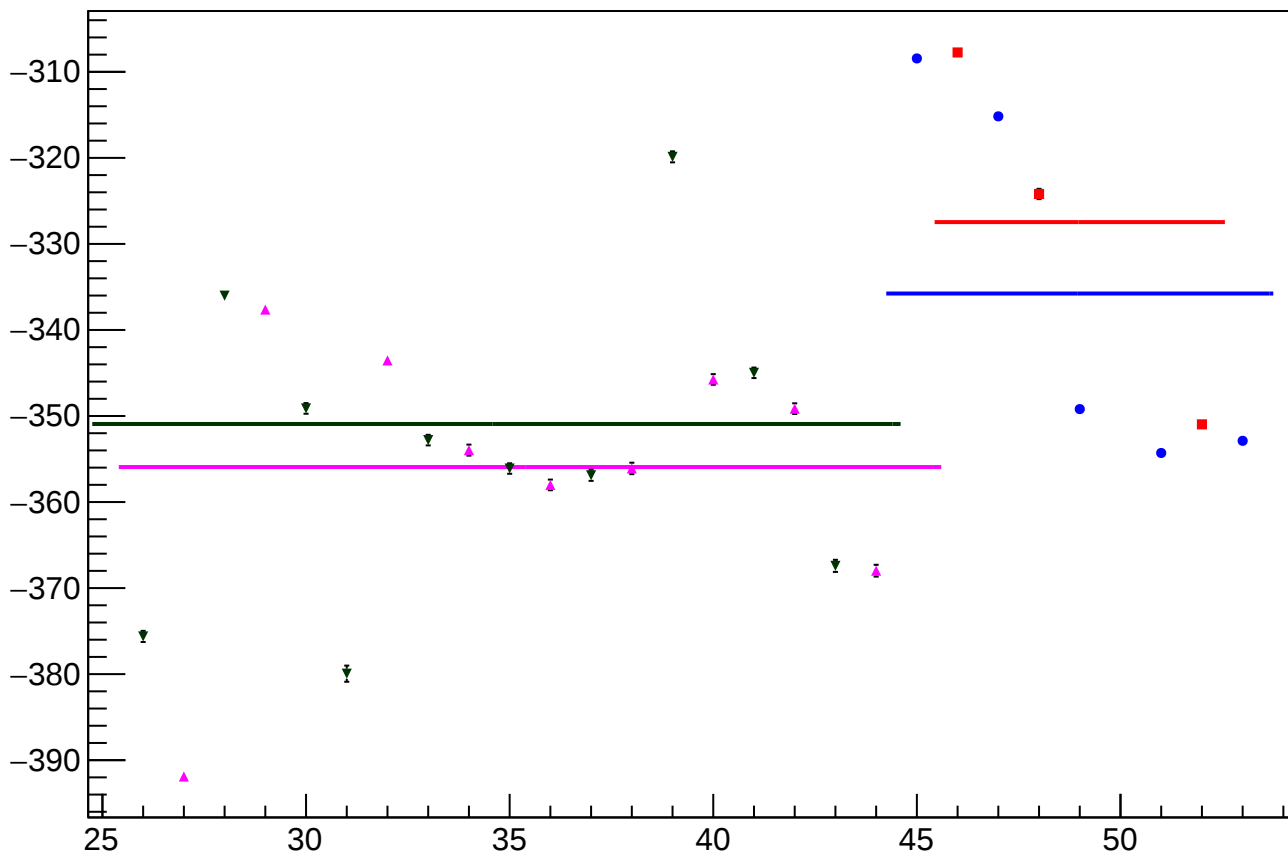
Right Out: 46.932 $\pm$ 1.787 χ^2/NDF : 47.4/2

Left In: 29.954 $\pm$ 0.913 χ^2/NDF : 779.2/8

45.711 $\pm$ 0.805 χ^2/NDF : 539.8/14

33.471 $\pm$ 0.813 χ^2/NDF : 898.2/11

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -335.765 ± 0.233 χ^2/NDF : 7146.7/4

Left Out: -350.928 ± 0.200 χ^2/NDF : 6500.1/9

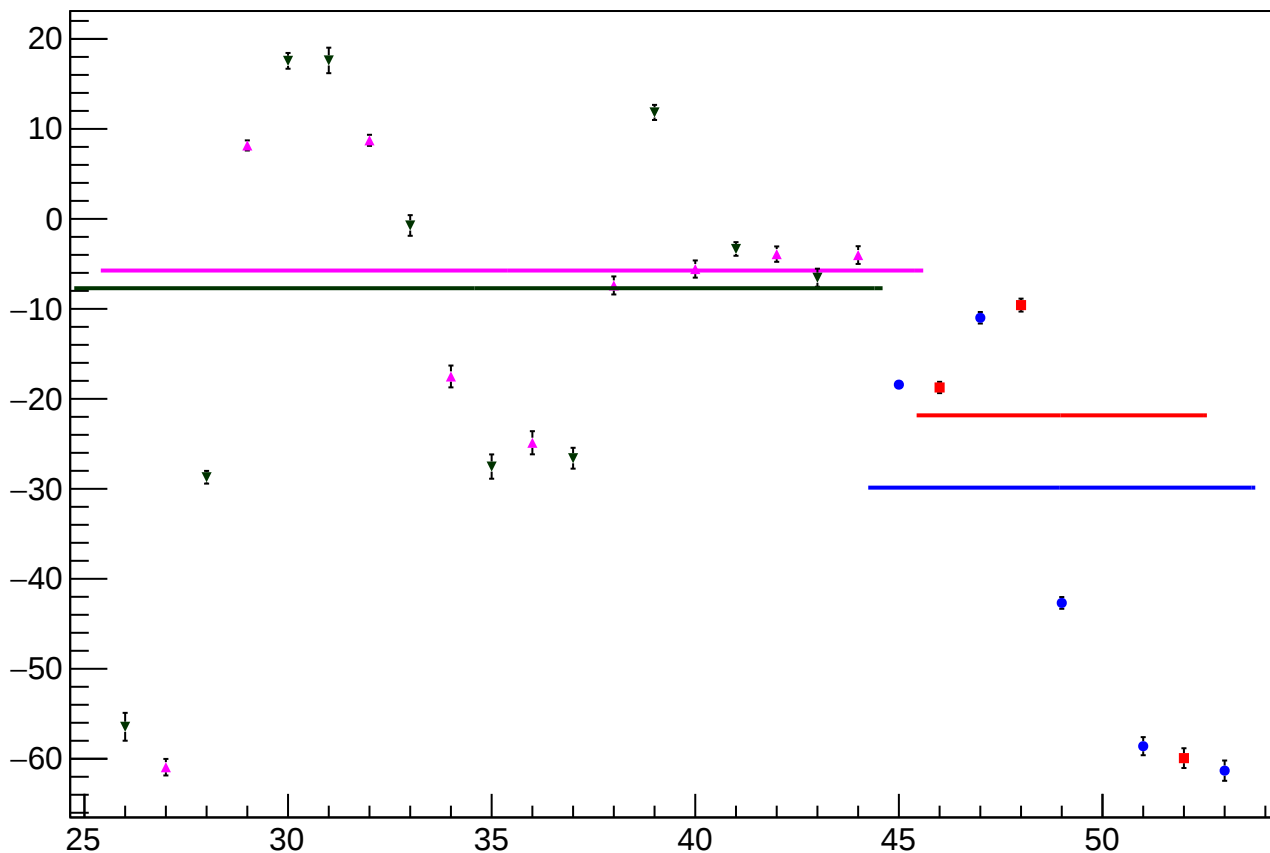
Right Out: -327.463 ± 0.332 χ^2/NDF : 2983.1/2

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.3/8

-344.507 ± 0.152 χ^2/NDF : 16089.4/14

-348.673 ± 0.167 χ^2/NDF : 16408.0/11

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -29.868 $\pm$ 0.319 χ^2 /NDF: 3272.9/4

Left Out: -7.705 $\pm$ 0.310 χ^2 /NDF: 4119.2/9

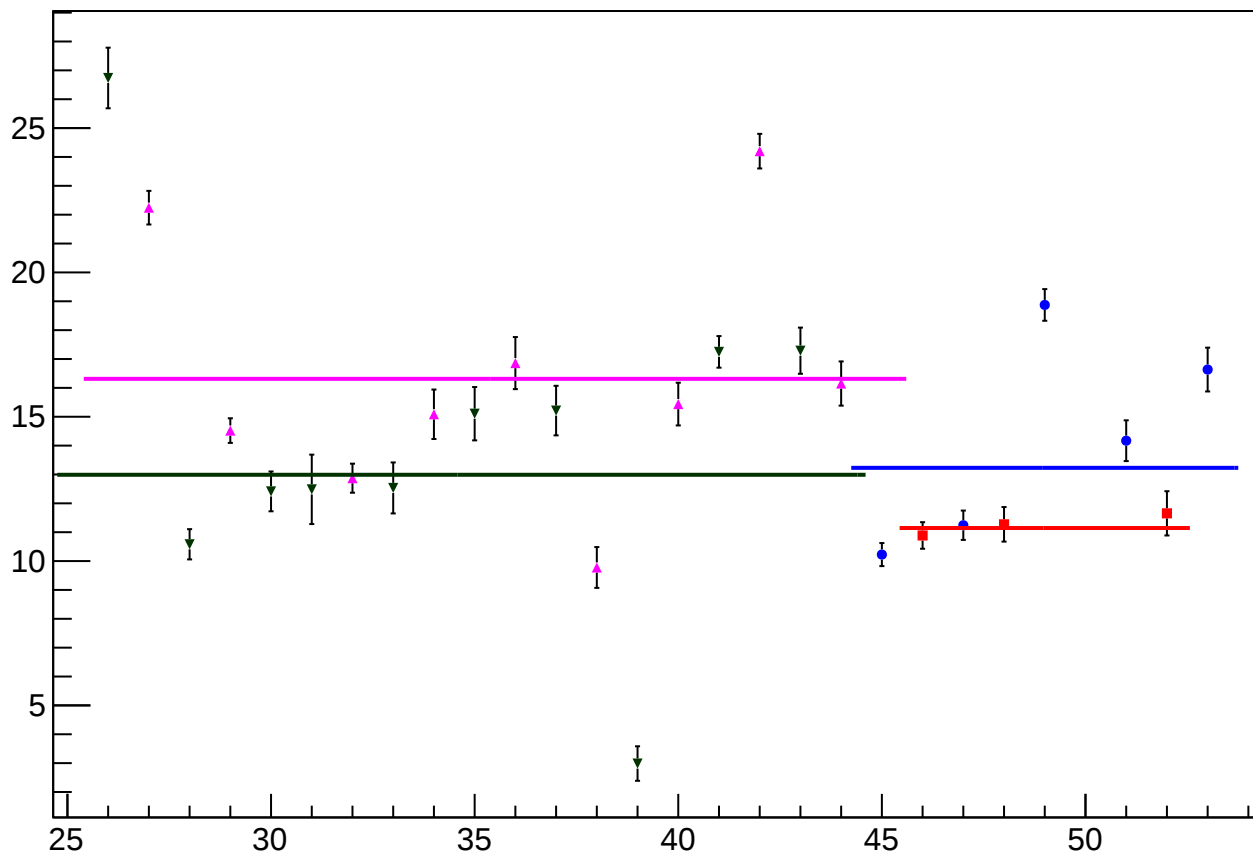
Right Out: -21.834 $\pm$ 0.434 χ^2 /NDF: 1517.5/2

Left In: -5.740 $\pm$ 0.280 χ^2 /NDF: 5095.7/8

-18.447 $\pm$ 0.222 χ^2 /NDF: 9873.4/14

-10.466 $\pm$ 0.235 χ^2 /NDF: 7583.5/11

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 13.230 $\pm$ 0.241 χ^2 /NDF: 199.6/4

Left Out: 12.989 $\pm$ 0.230 χ^2 /NDF: 575.2/9

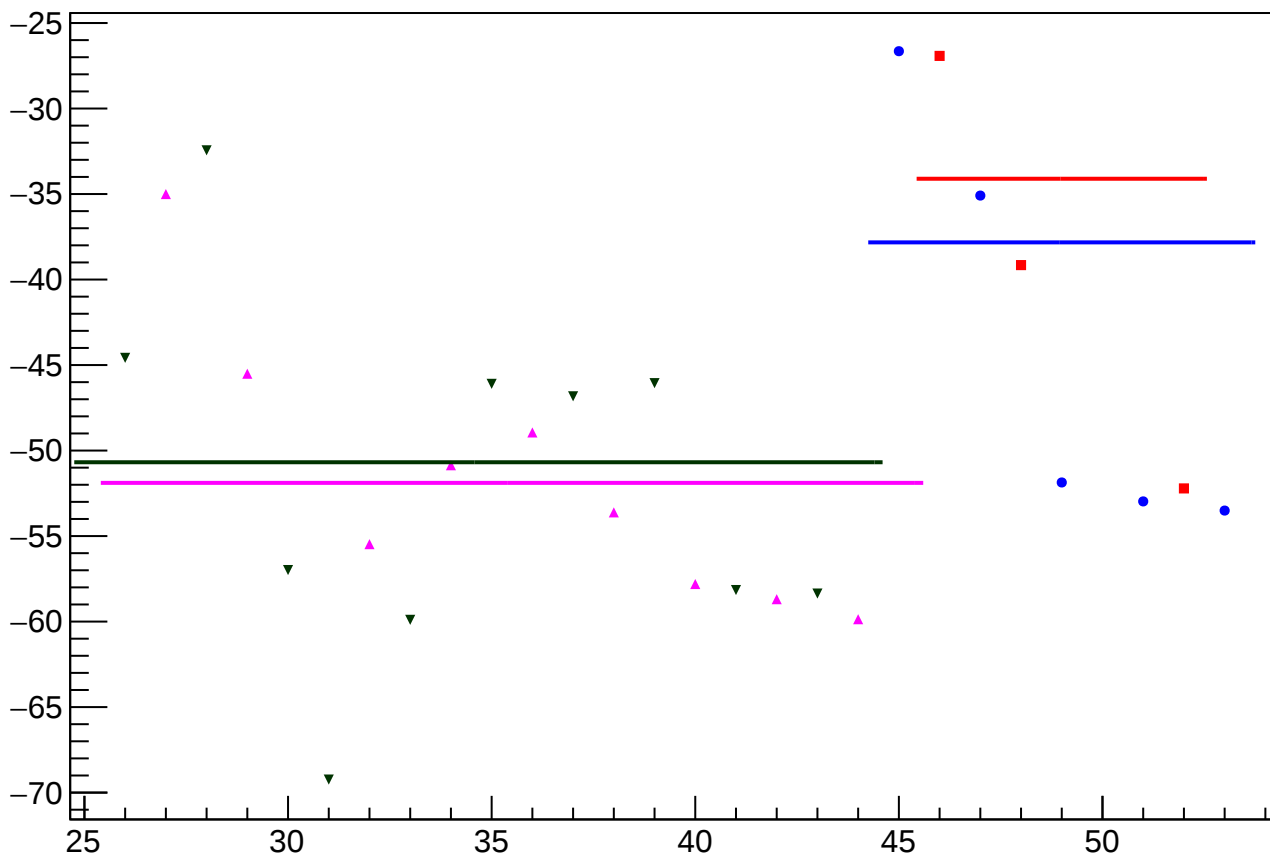
Right Out: 11.145 $\pm$ 0.329 χ^2 /NDF: 0.8/2

Left In: 16.313 $\pm$ 0.207 χ^2 /NDF: 430.4/8

13.104 $\pm$ 0.167 χ^2 /NDF: 775.2/14

14.848 $\pm$ 0.175 χ^2 /NDF: 607.5/11

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -37.827 $\pm$ 0.055 χ^2 /NDF: 40888.1/4

Left Out: -50.683 $\pm$ 0.051 χ^2 /NDF: 44365.5/9

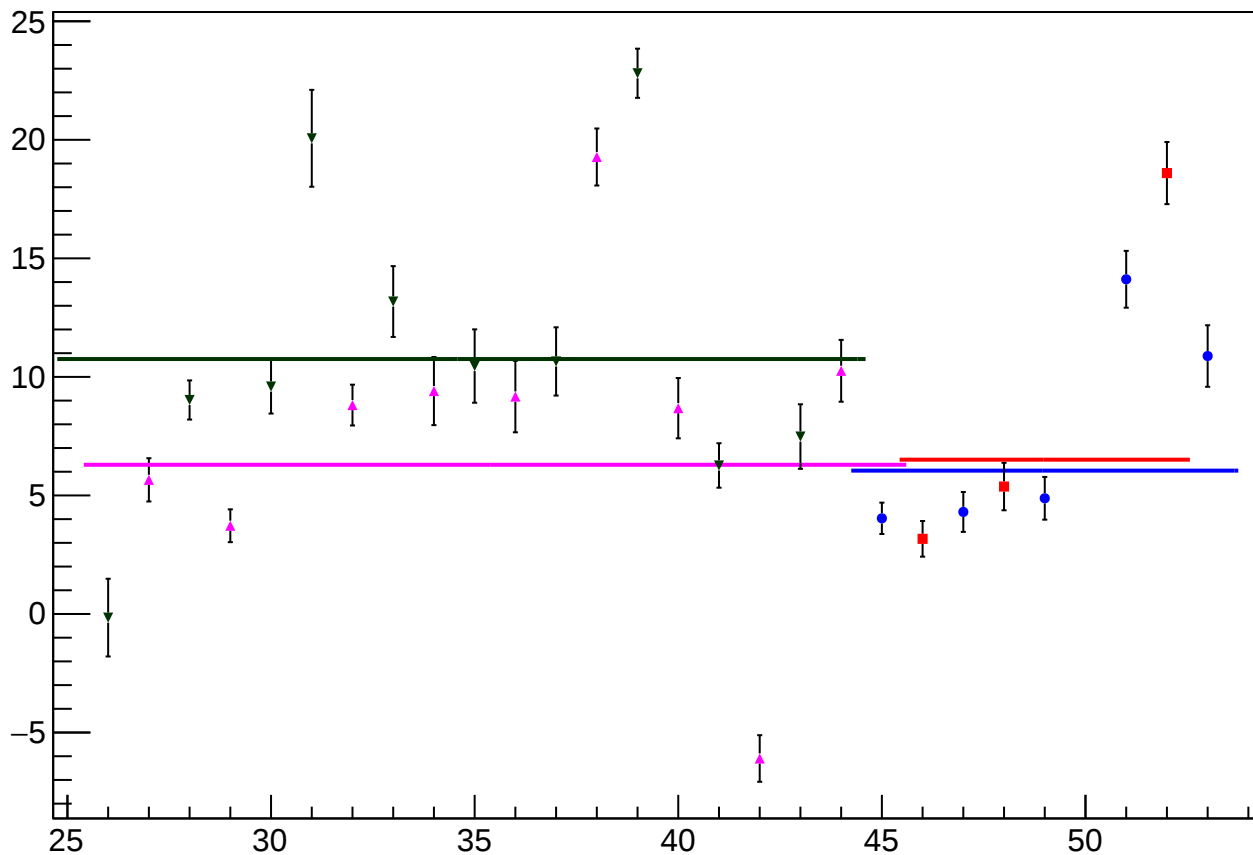
Right Out: -34.106 $\pm$ 0.071 χ^2 /NDF: 16480.2/2

Left In: -51.889 $\pm$ 0.048 χ^2 /NDF: 21653.9/8

-44.753 $\pm$ 0.038 χ^2 /NDF: 114278.9/14

-46.271 $\pm$ 0.040 χ^2 /NDF: 81602.7/11

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 6.047 ± 0.401 χ^2/NDF : 74.4/4

Left Out: 10.754 ± 0.383 χ^2/NDF : 236.9/9

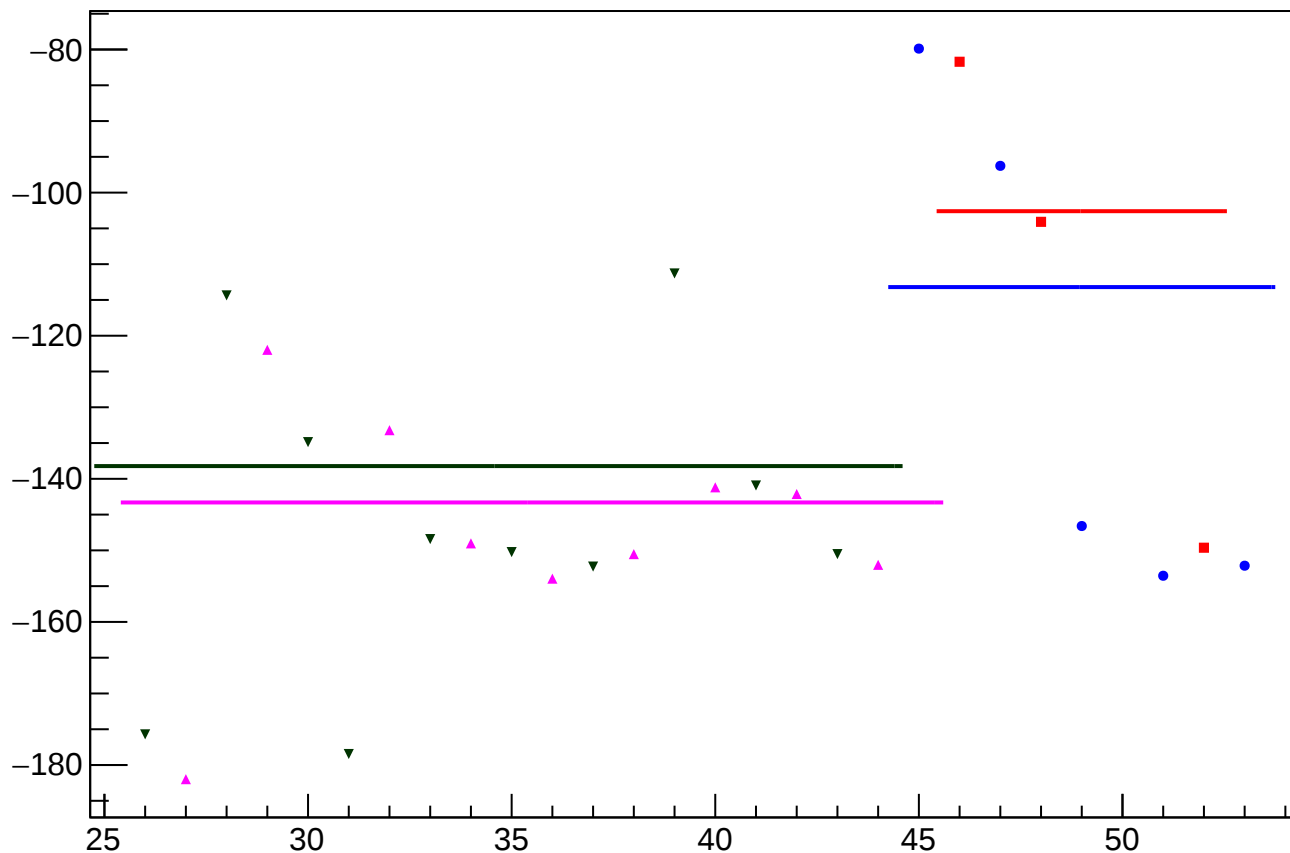
Right Out: 6.509 ± 0.546 χ^2/NDF : 106.1/2

Left In: 6.293 ± 0.343 χ^2/NDF : 319.3/8

8.507 ± 0.277 χ^2/NDF : 383.3/14

6.354 ± 0.291 χ^2/NDF : 425.5/11

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -113.203+/-0.078 χ^2/NDF : 166742.4/4

Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

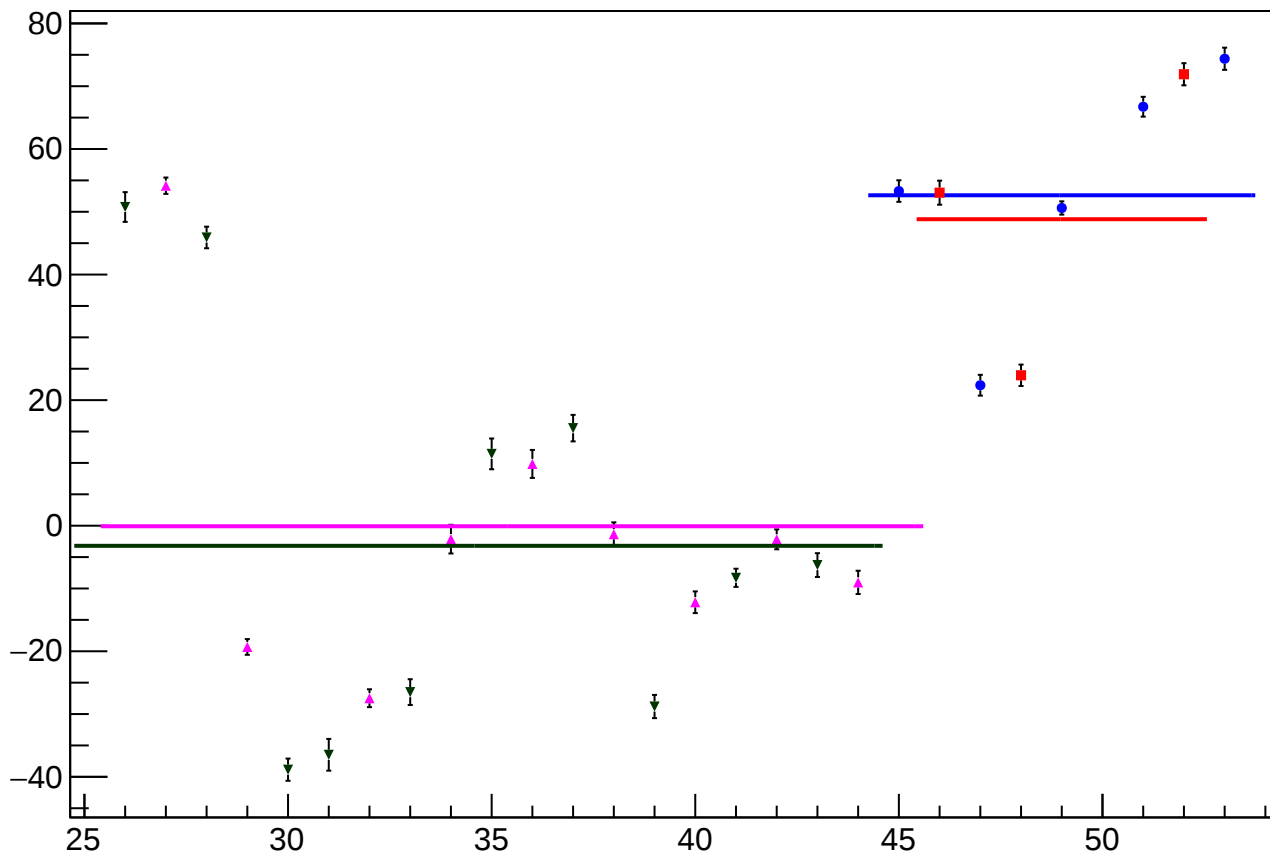
Right Out: -102.596+/-0.104 χ^2/NDF : 62894.1/2

Left In: -143.304+/-0.072 χ^2/NDF : 54954.0/8

-126.807+/-0.053 χ^2/NDF : 304648.8/14

-130.080+/-0.059 χ^2/NDF : 221430.4/11

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 52.629 $\pm$ 0.656 χ^2 /NDF: 569.2/4

Left Out: -3.205 $\pm$ 0.612 χ^2 /NDF: 2363.4/9

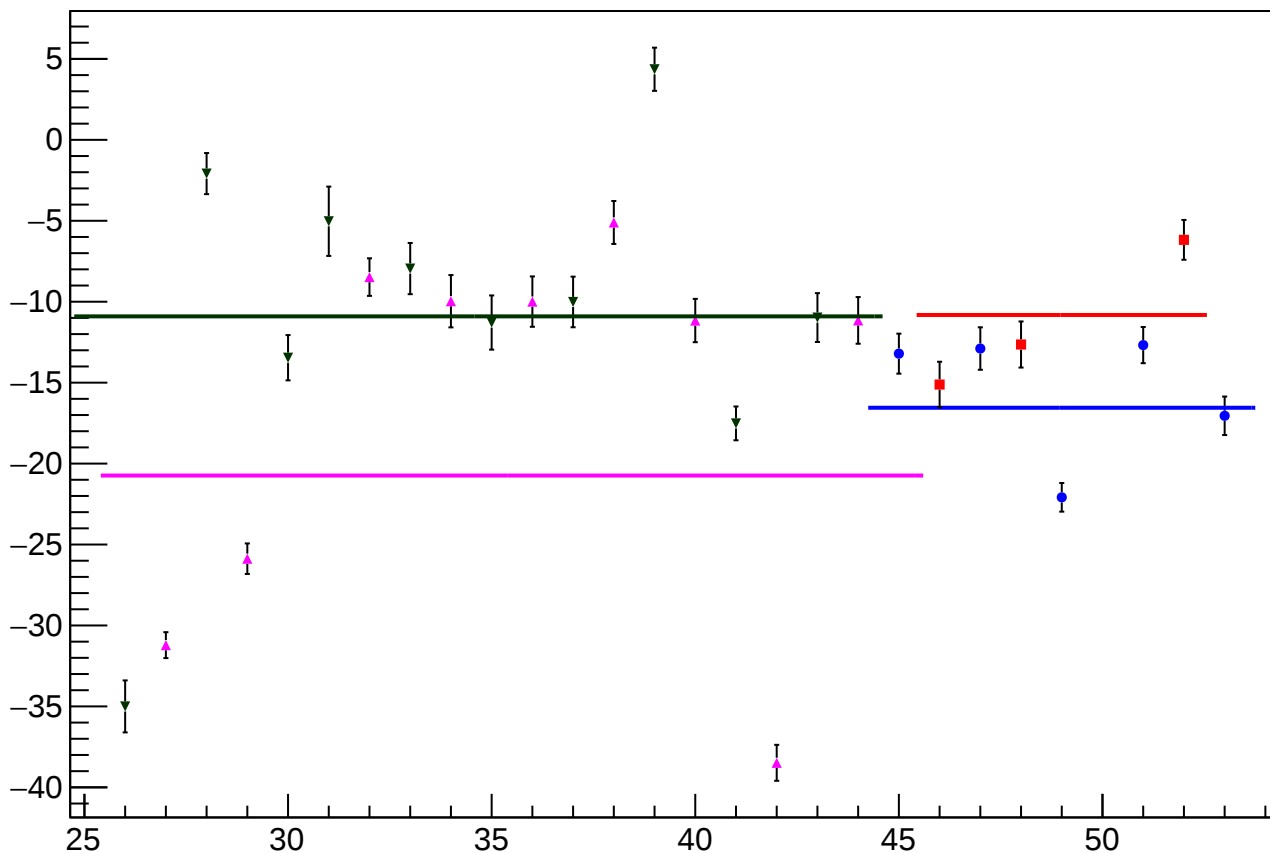
Right Out: 48.818 $\pm$ 1.032 χ^2 /NDF: 390.0/2

Left In: -0.090 $\pm$ 0.541 χ^2 /NDF: 2438.4/8

22.779 $\pm$ 0.448 χ^2 /NDF: 6803.7/14

10.446 $\pm$ 0.479 χ^2 /NDF: 4592.1/11

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -16.550 +/- 0.499 χ^2/NDF : 66.3/4

Left Out: -10.905 +/- 0.455 χ^2/NDF : 459.2/9

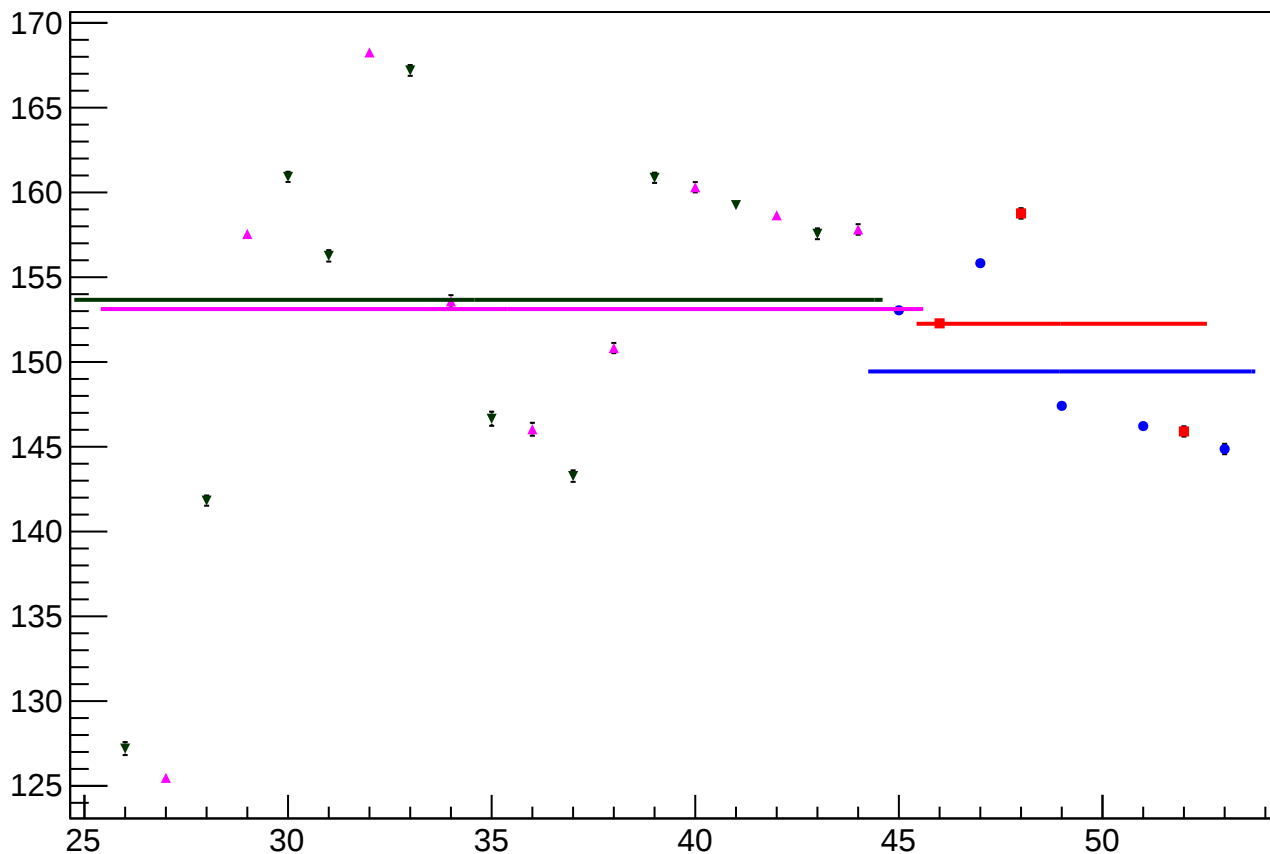
Right Out: -10.819 +/- 0.777 χ^2/NDF : 25.2/2

Left In: -20.737 +/- 0.388 χ^2/NDF : 894.2/8

-13.471 +/- 0.336 χ^2/NDF : 595.3/14

-18.757 +/- 0.347 χ^2/NDF : 1049.9/11

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 149.442 $\pm$ 0.119 χ^2 /NDF: 1142.7/4

Left Out: 153.667 $\pm$ 0.101 χ^2 /NDF:11177.1/9

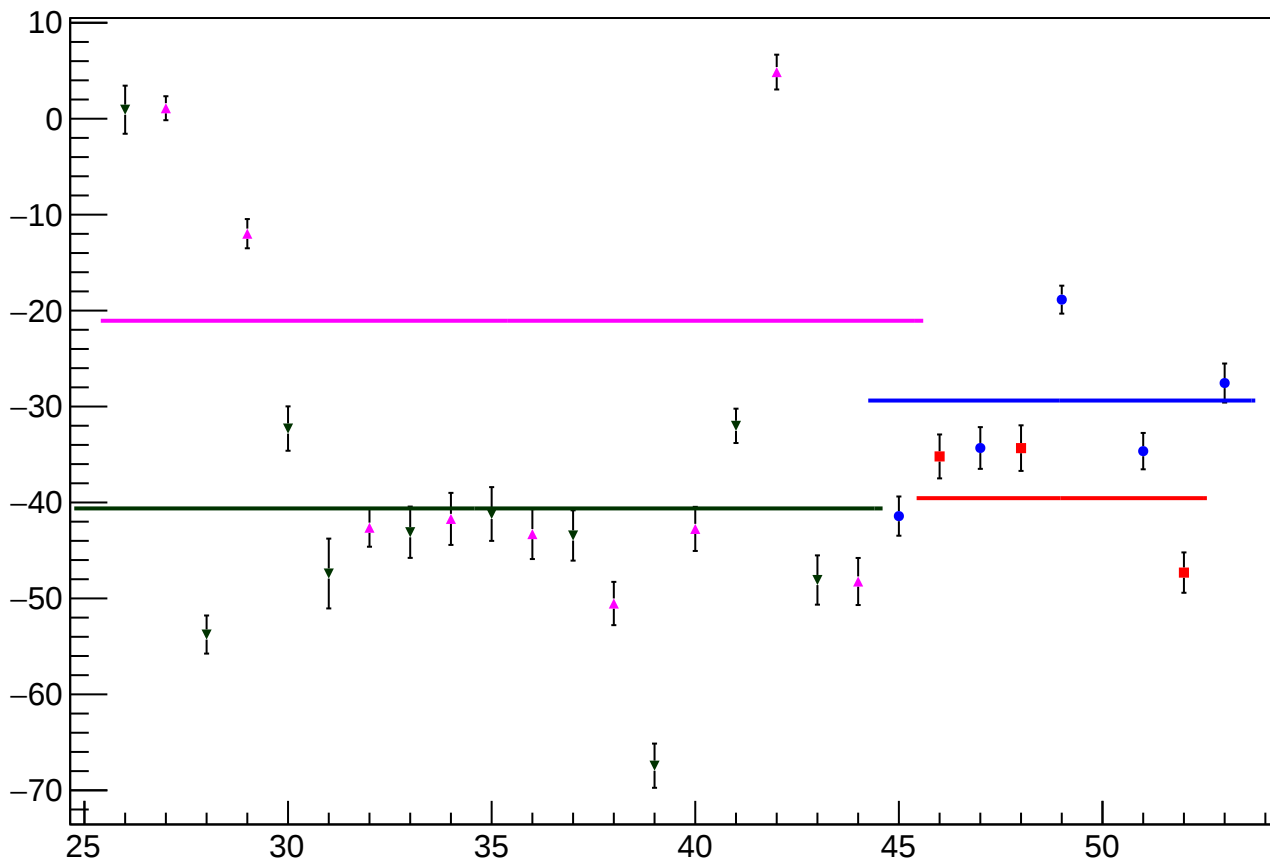
Right Out: 152.255 $\pm$ 0.173 χ^2 /NDF: 880.2/2

Left In: 153.122 $\pm$ 0.093 χ^2 /NDF:20788.9/8

151.899 $\pm$ 0.077 χ^2 /NDF: 13053.4/14

152.927 $\pm$ 0.082 χ^2 /NDF: 21688.6/11

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.375±/0.833 χ^2/NDF : 100.5/4

Left Out: -40.620±/0.758 χ^2/NDF : 504.2/9

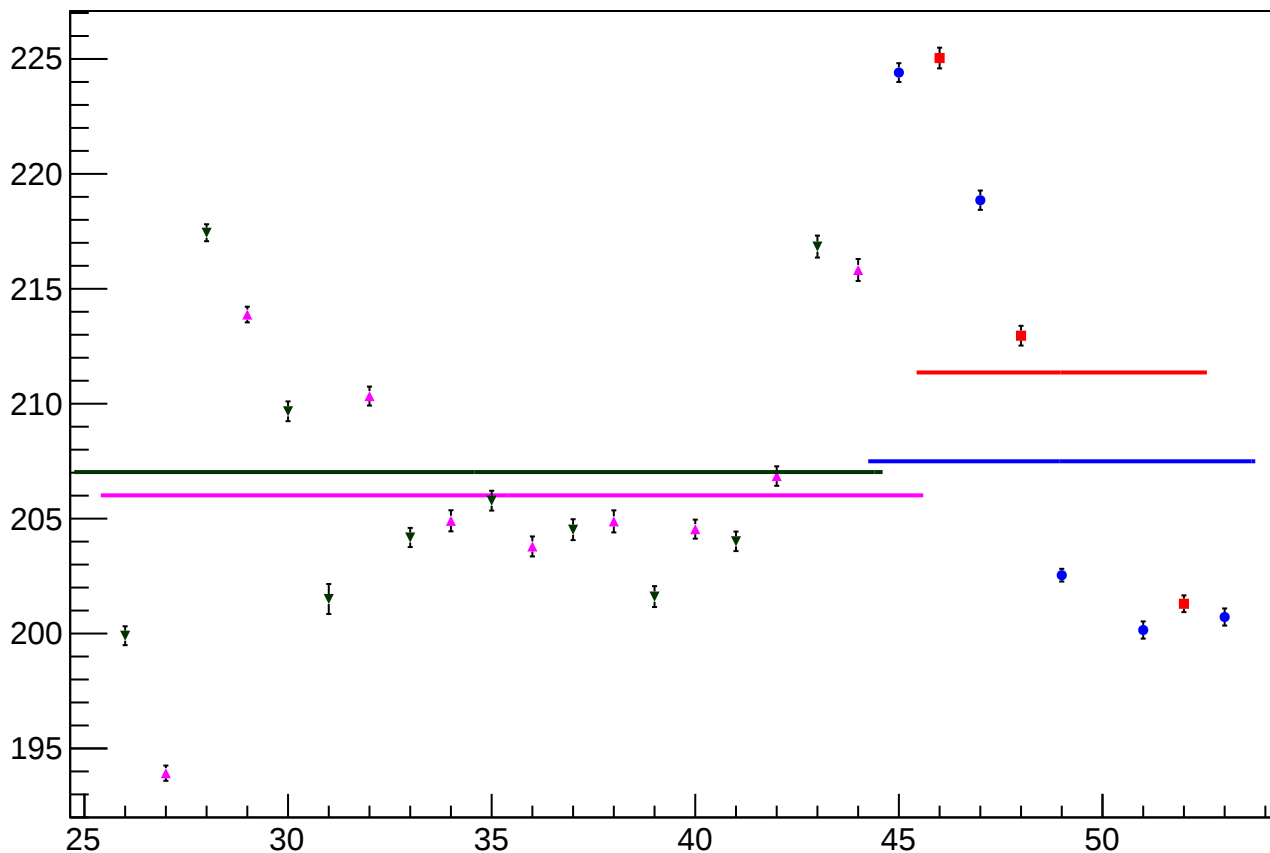
Right Out: -39.549±/1.297 χ^2/NDF : 22.0/2

Left In: -21.059±/0.637 χ^2/NDF : 1185.8/8

-35.524±/0.561 χ^2/NDF : 704.5/14

-24.649±/0.572 χ^2/NDF : 1371.5/11

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 207.495 ± 0.160 χ^2/NDF : 3476.3/4

Left Out: 207.026 ± 0.139 χ^2/NDF : 1900.0/9

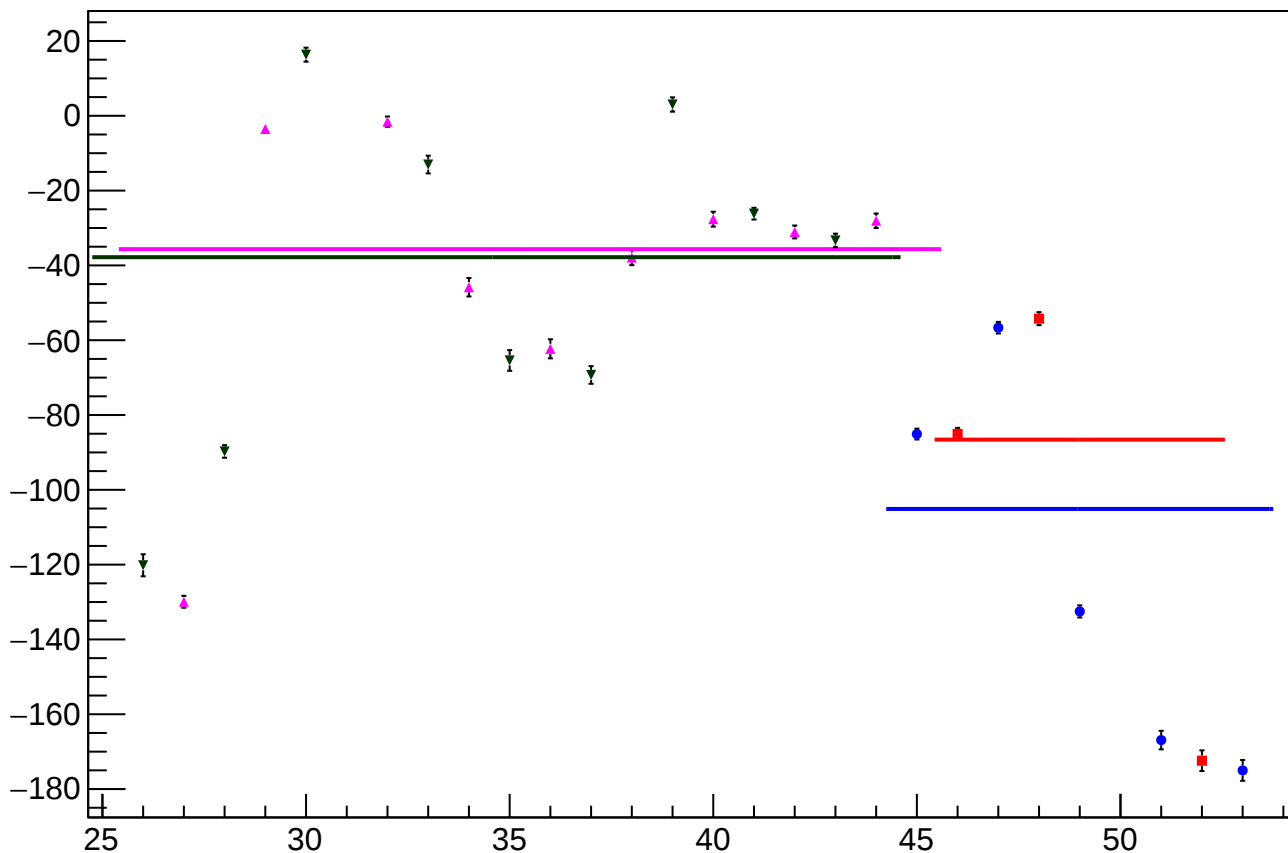
Right Out: 211.359 ± 0.236 χ^2/NDF : 1698.2/2

Left In: 206.013 ± 0.136 χ^2/NDF : 2446.5/8

207.228 ± 0.105 χ^2/NDF : 5381.2/14

207.348 ± 0.118 χ^2/NDF : 4528.1/11

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -105.112+/-0.800 χ^2/NDF : 2706.9/4

Left Out: -37.802+/-0.670 χ^2/NDF : 3472.1/8

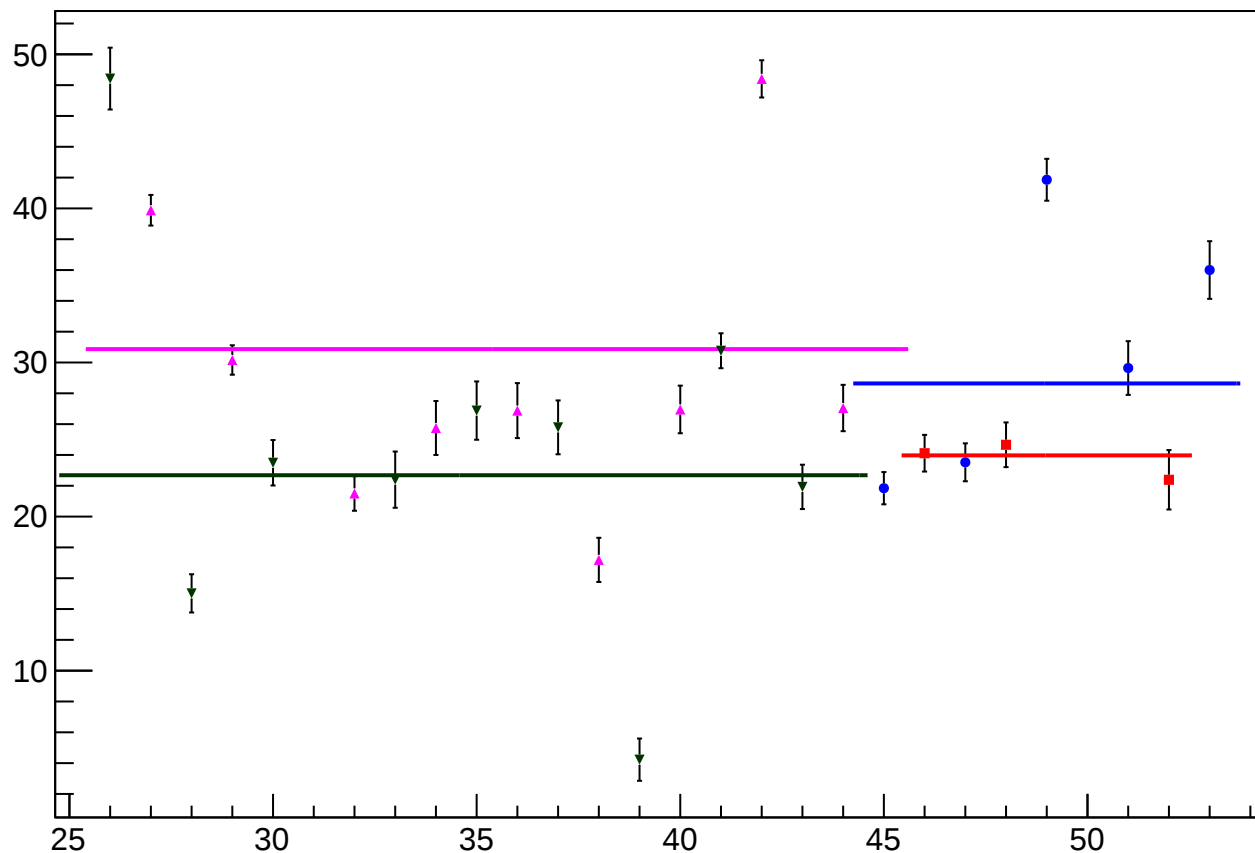
Right Out: -86.581+/-1.090 χ^2/NDF : 1311.5/2

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-65.557+/-0.514 χ^2/NDF : 10338.9/13

-46.906+/-0.513 χ^2/NDF : 7969.5/11

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 28.640 $\pm$ 0.605 χ^2/NDF : 169.8/4

Left Out: 22.684 $\pm$ 0.496 χ^2/NDF : 443.3/8

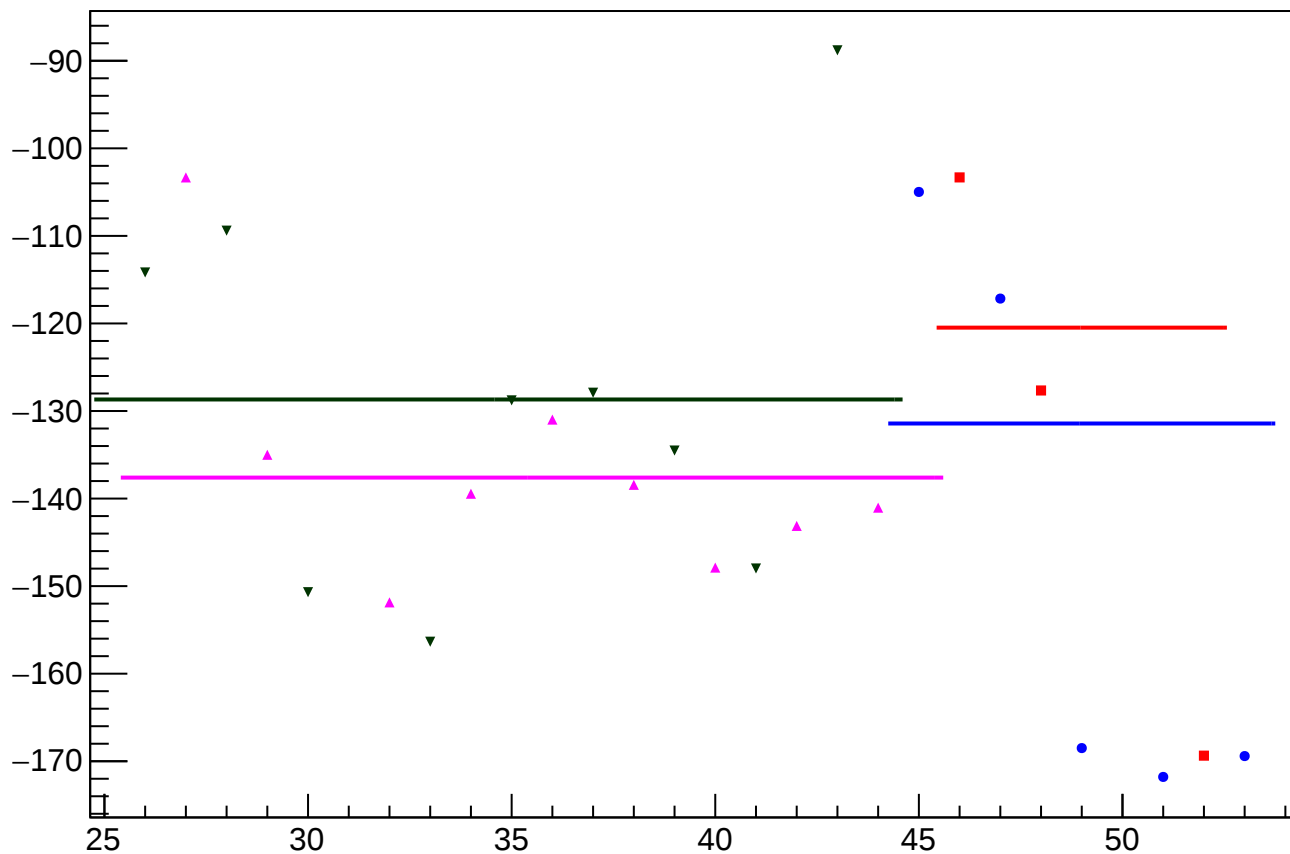
Right Out: 23.973 $\pm$ 0.830 χ^2/NDF : 0.9/2

Left In: 30.869 $\pm$ 0.424 χ^2/NDF : 480.3/8

25.079 $\pm$ 0.384 χ^2/NDF : 671.0/13

29.445 $\pm$ 0.377 χ^2/NDF : 535.9/11

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -131.427+/-0.139 χ^2/NDF : 42841.0/4

Left Out: -128.683+/-0.112 χ^2/NDF : 38450.4/8

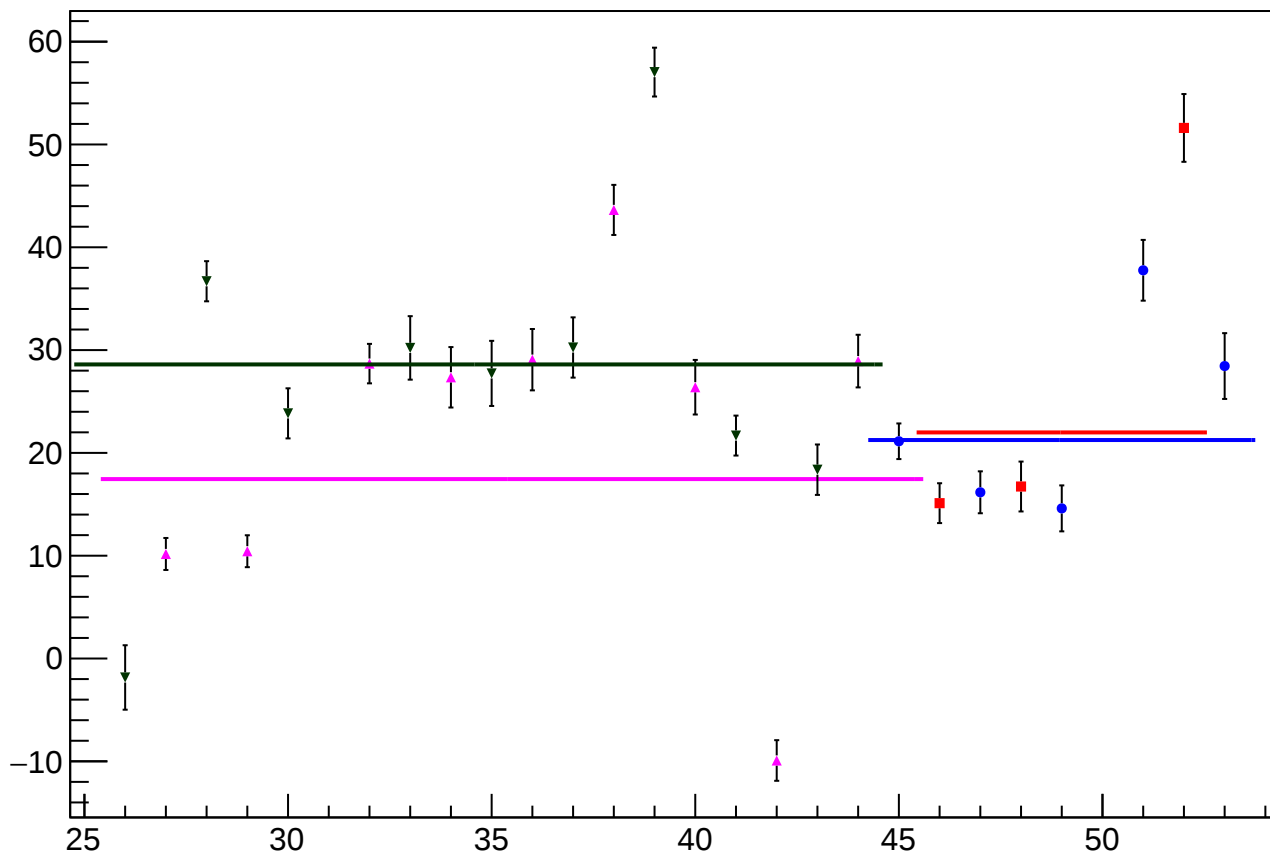
Right Out: -120.478+/-0.178 χ^2/NDF : 16006.3/2

Left In: -137.605+/-0.100 χ^2/NDF : 21119.1/8

-129.767+/-0.087 χ^2/NDF : 81527.1/13

-133.519+/-0.087 χ^2/NDF : 44173.6/11

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 21.252+/-1.007 χ^2/NDF : 51.3/4

Left Out: 28.605+/-0.827 χ^2/NDF : 289.4/8

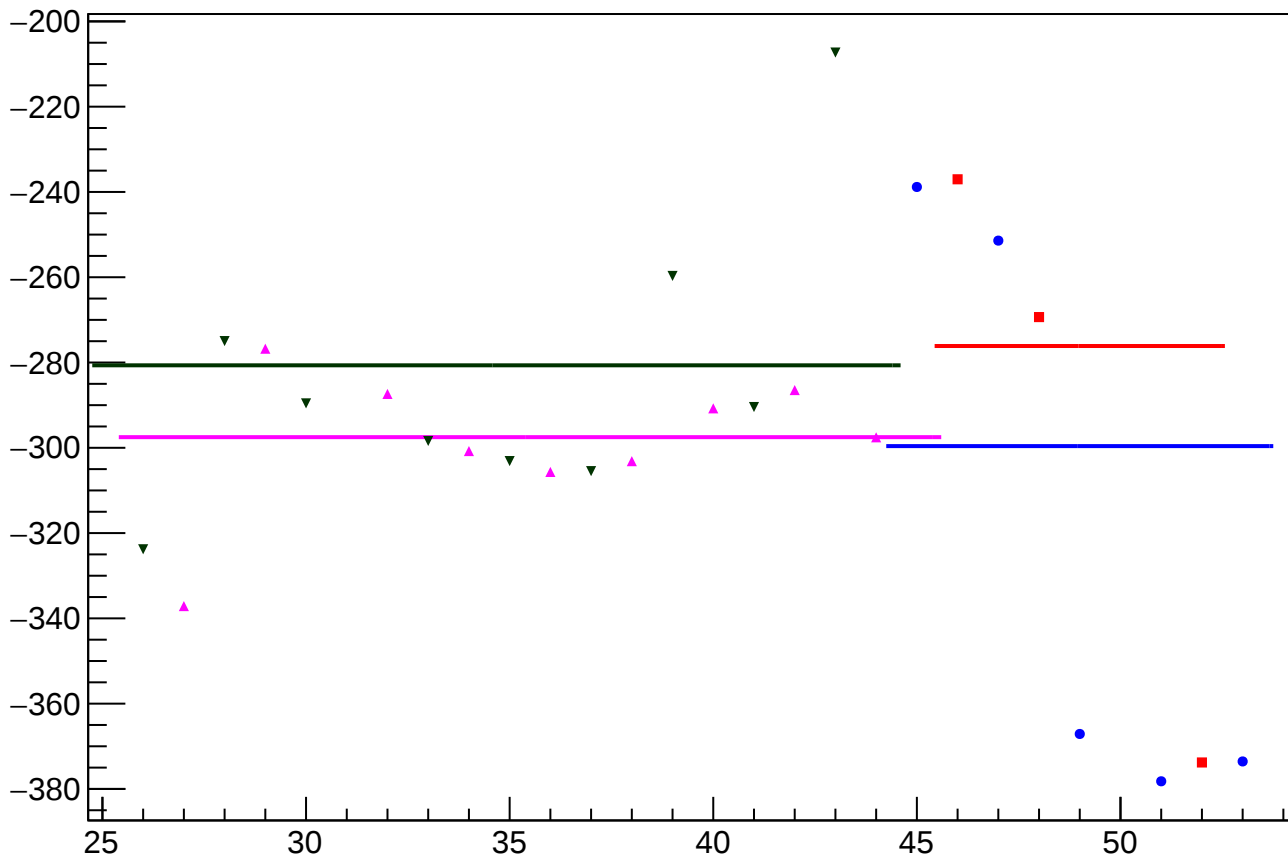
Right Out: 21.991+/-1.376 χ^2/NDF : 98.0/2

Left In: 17.453+/-0.699 χ^2/NDF : 441.8/8

25.643+/-0.639 χ^2/NDF : 372.6/13

18.384+/-0.623 χ^2/NDF : 548.5/11

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -299.603+/-0.196 χ^2/NDF : 104364.0/4

Left Out: -280.656+/-0.153 χ^2/NDF : 43963.5/8

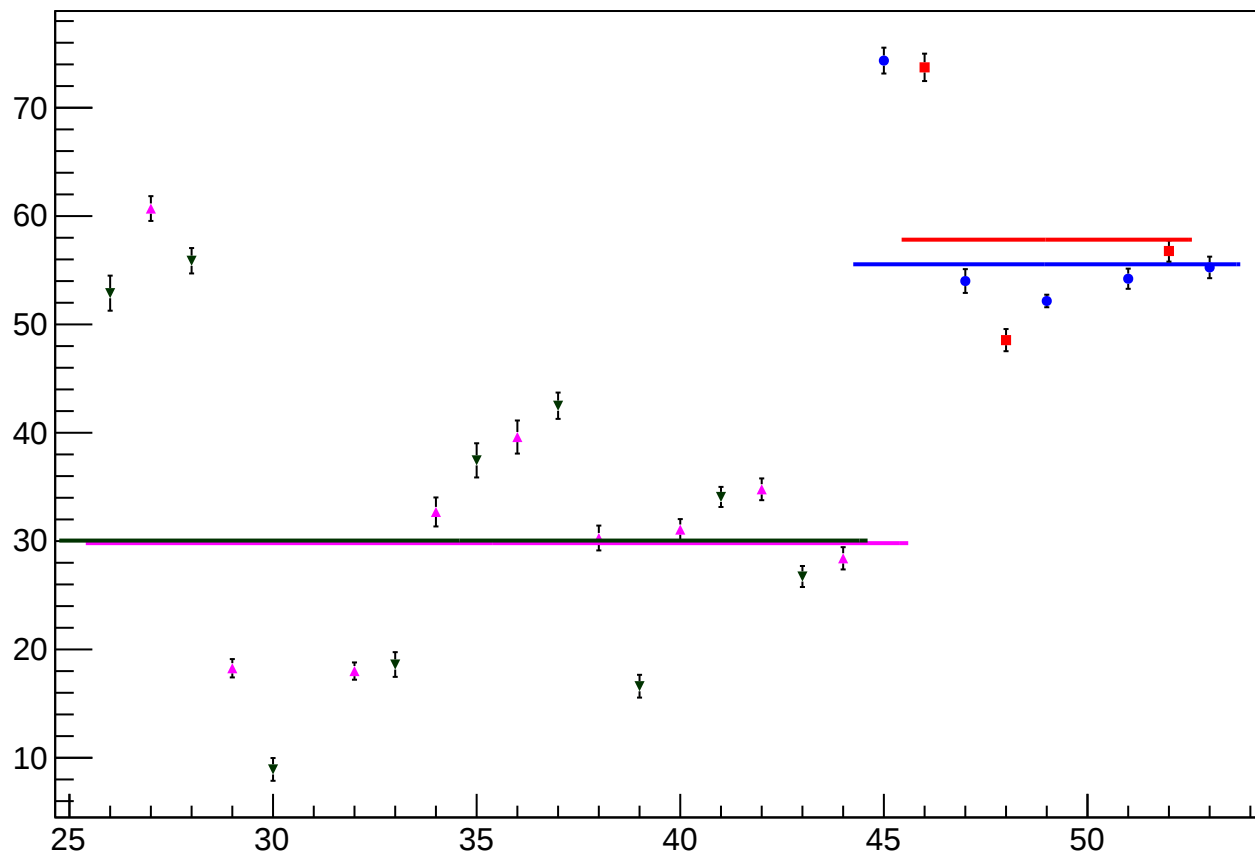
Right Out: -276.129+/-0.262 χ^2/NDF : 39945.3/2

Left In: -297.504+/-0.148 χ^2/NDF : 15085.1/8

-287.847+/-0.121 χ^2/NDF : 154123.1/13

-292.306+/-0.129 χ^2/NDF : 60076.1/11

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.550 $\pm$ 0.387 χ^2/NDF : 286.6/4

Left Out: 30.050 $\pm$ 0.378 χ^2/NDF :1510.2/8

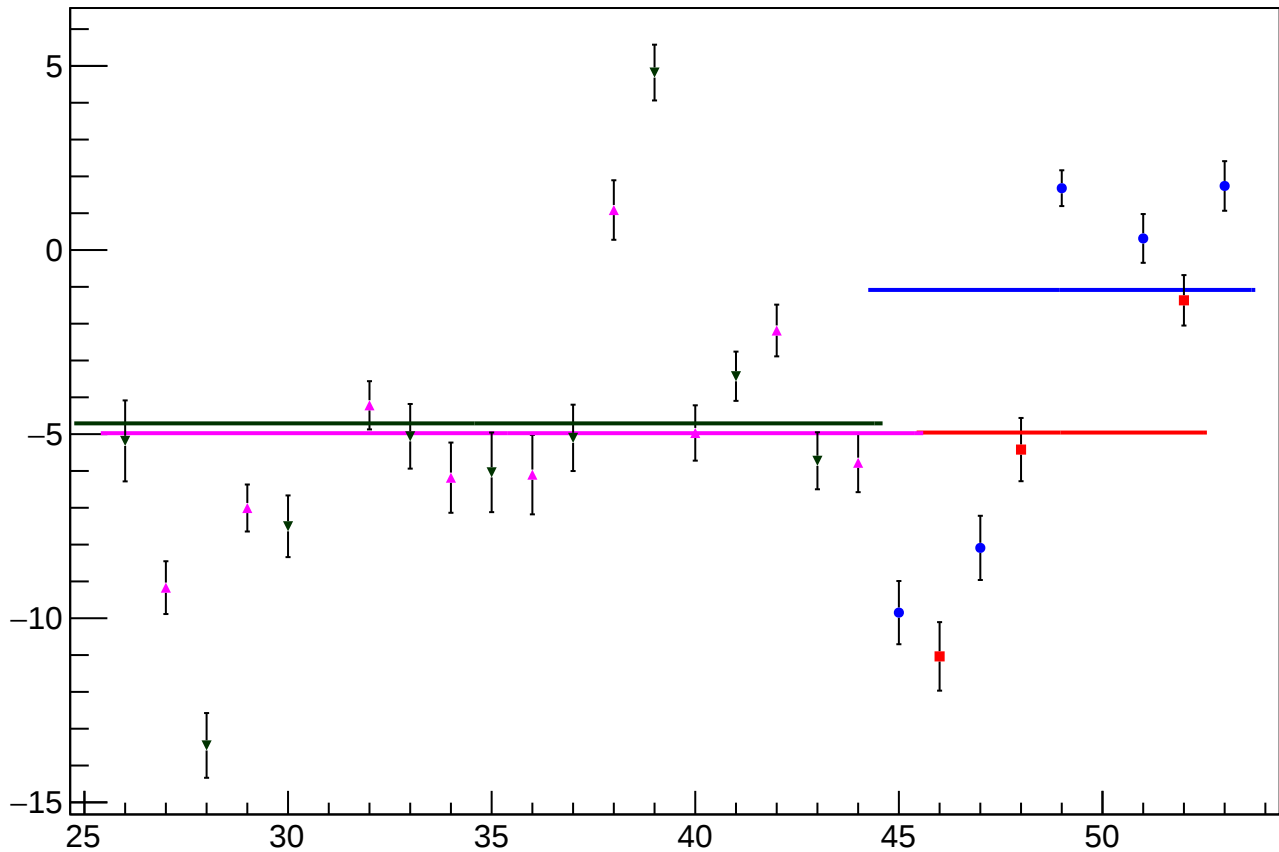
Right Out: 57.823 $\pm$ 0.618 χ^2/NDF : 241.5/2

Left In: 29.811 $\pm$ 0.343 χ^2/NDF :1208.1/8

42.508 $\pm$ 0.270 χ^2/NDF : 4018.6/13

36.425 $\pm$ 0.300 χ^2/NDF : 3021.2/11

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -1.084 ± 0.296 $\chi^2/\text{NDF}: 223.1/4$

Left Out: -4.708 ± 0.282 $\chi^2/\text{NDF}: 275.7/8$

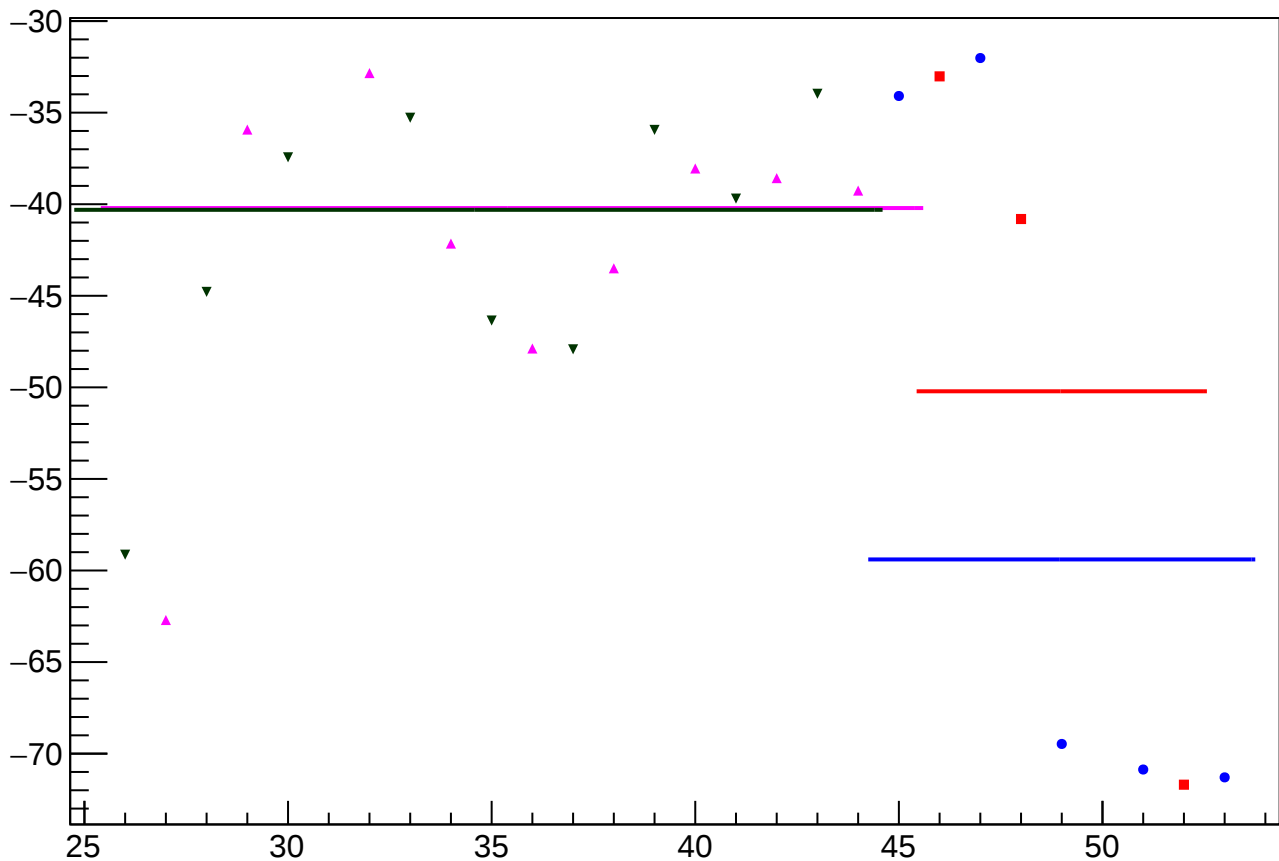
Right Out: -4.957 ± 0.464 $\chi^2/\text{NDF}: 70.4/2$

Left In: -4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

-2.986 ± 0.204 $\chi^2/\text{NDF}: 577.3/13$

-4.970 ± 0.222 $\chi^2/\text{NDF}: 191.8/11$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -59.396 $\pm$ 0.071 χ^2/NDF : 56458.2/4

Left Out: -40.306 $\pm$ 0.063 χ^2/NDF : 10954.8/8

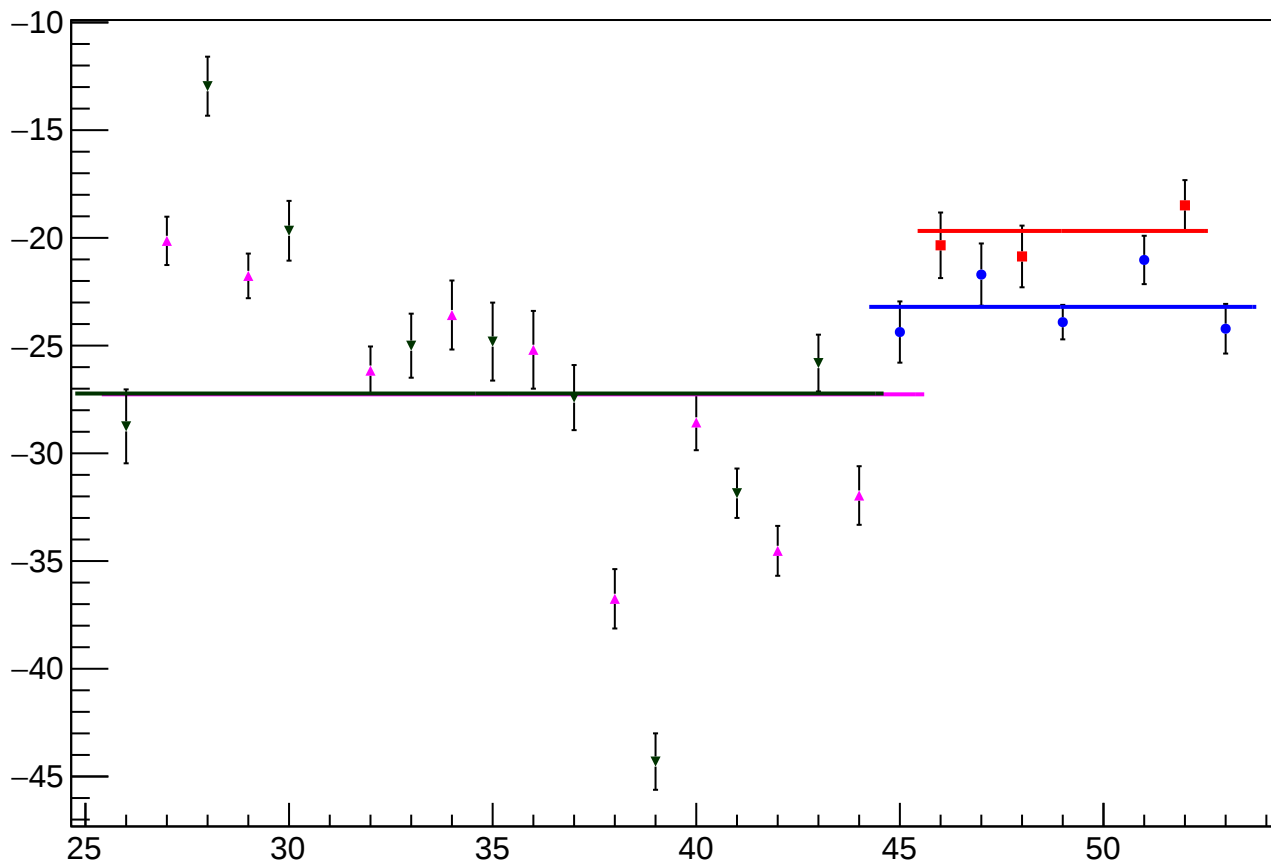
Right Out: -50.215 $\pm$ 0.105 χ^2/NDF : 26809.4/2

Left In: -40.209 $\pm$ 0.058 χ^2/NDF : 18072.5/8

-48.640 $\pm$ 0.047 χ^2/NDF : 107747.4/13

-42.586 $\pm$ 0.051 χ^2/NDF : 51838.1/11

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.203 ± 0.495 χ^2/NDF : 7.1/4

Left Out: -27.224 ± 0.471 χ^2/NDF : 330.4/8

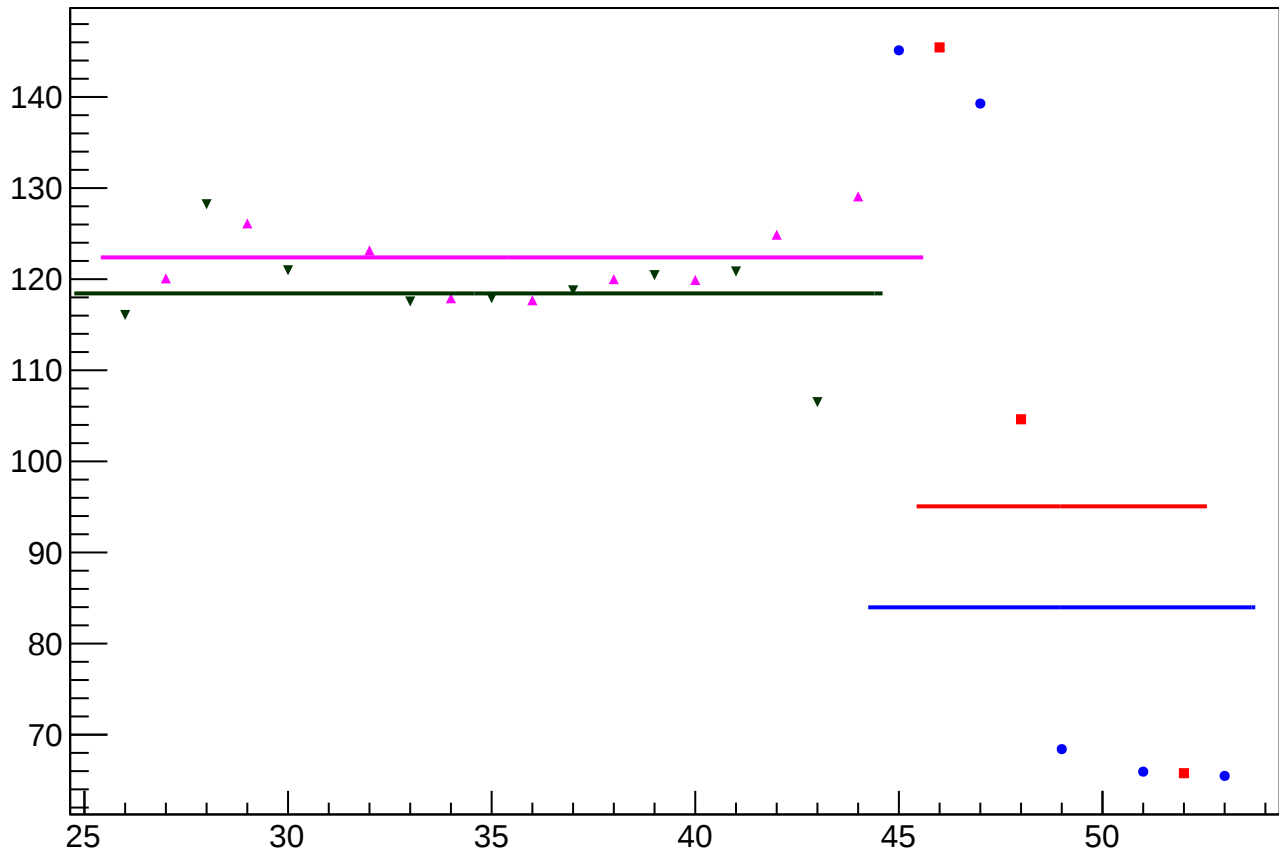
Right Out: -19.678 ± 0.779 χ^2/NDF : 1.9/2

Left In: -27.262 ± 0.421 χ^2/NDF : 175.8/8

-25.313 ± 0.341 χ^2/NDF : 372.1/13

-25.545 ± 0.371 χ^2/NDF : 251.0/11

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 83.979+/-0.095 χ^2/NDF : 110499.4/4

Left Out: 118.438+/-0.086 χ^2/NDF : 4307.2/8

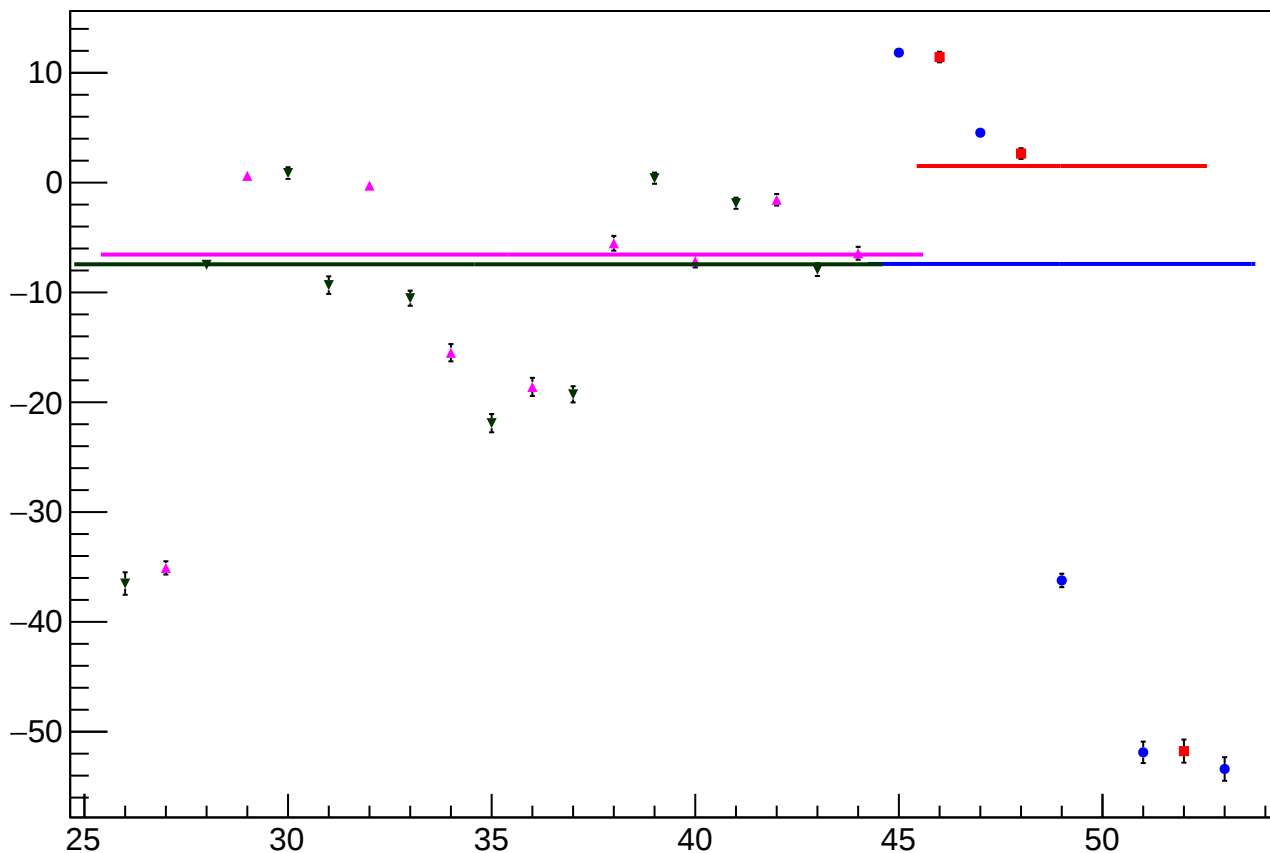
Right Out: 95.064+/-0.139 χ^2/NDF : 50925.2/2

Left In: 122.391+/-0.087 χ^2/NDF : 1758.1/8

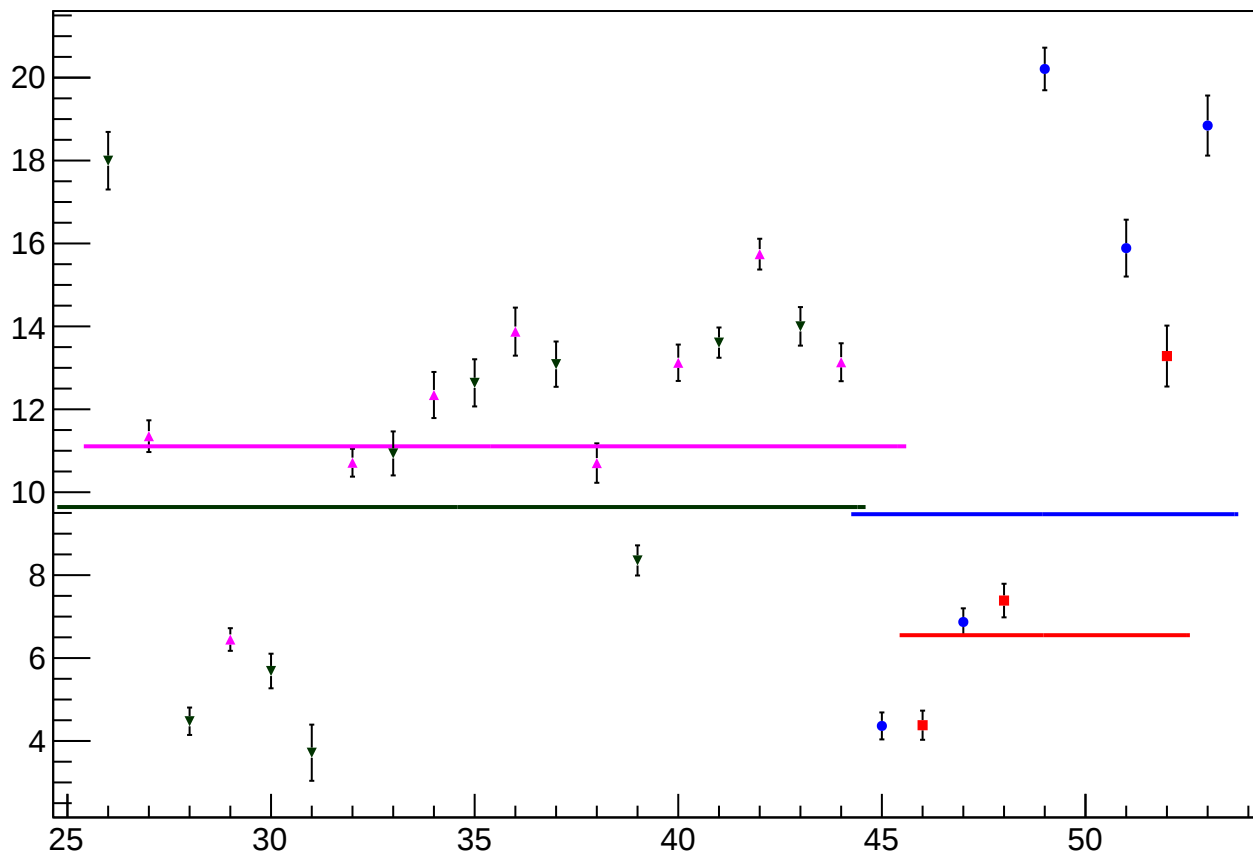
102.904+/-0.063 χ^2/NDF : 187720.5/13

114.717+/-0.074 χ^2/NDF : 80422.7/11

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 9.470 $\pm$ 0.194 χ^2 /NDF: 1001.1/4

Left Out: 9.643 $\pm$ 0.143 χ^2 /NDF: 847.5/9

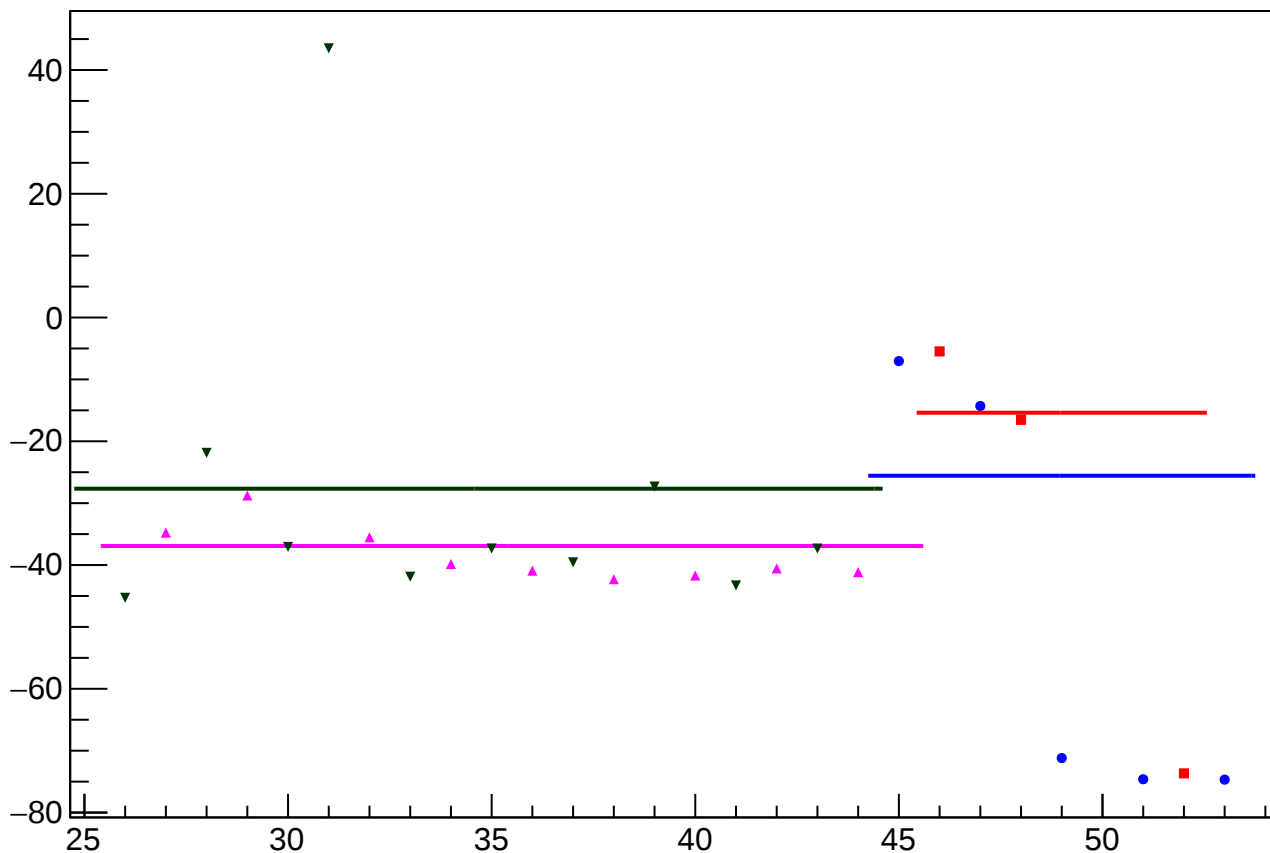
Right Out: 6.552 $\pm$ 0.250 χ^2 /NDF: 126.3/2

Left In: 11.107 $\pm$ 0.133 χ^2 /NDF: 517.7/8

9.582 $\pm$ 0.115 χ^2 /NDF: 1849.1/14

10.106 $\pm$ 0.117 χ^2 /NDF: 903.7/11

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -25.567+/-0.044 χ^2/NDF : 371841.2/4

Left Out: -27.661+/-0.032 χ^2/NDF : 544702.9/9

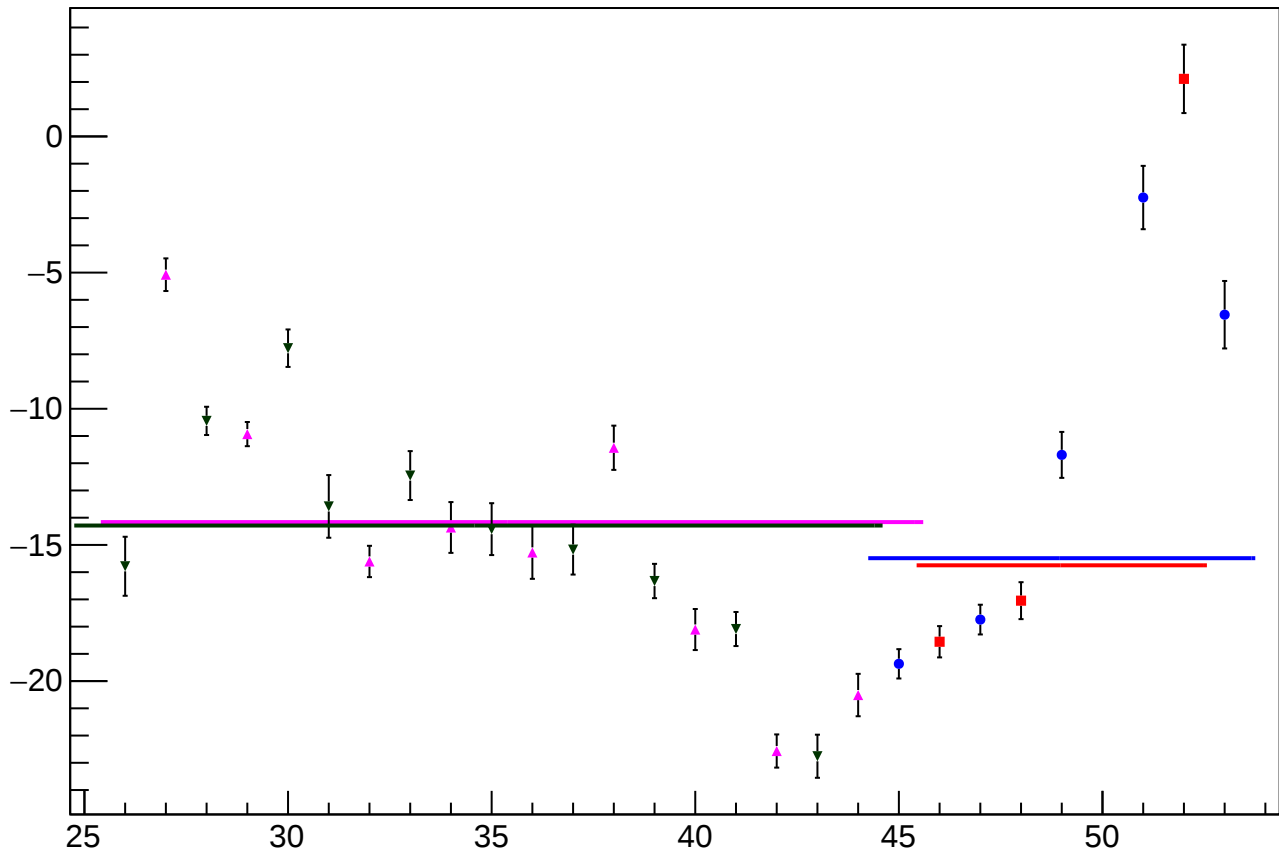
Right Out: -15.384+/-0.053 χ^2/NDF : 121948.4/2

Left In: -36.920+/-0.031 χ^2/NDF : 23590.7/8

-26.937+/-0.026 χ^2/NDF : 918046.7/14

-31.464+/-0.027 χ^2/NDF : 269003.4/11

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -15.487 ± 0.323 χ^2/NDF : 270.9/4

Left Out: -14.288 ± 0.238 χ^2/NDF : 313.7/9

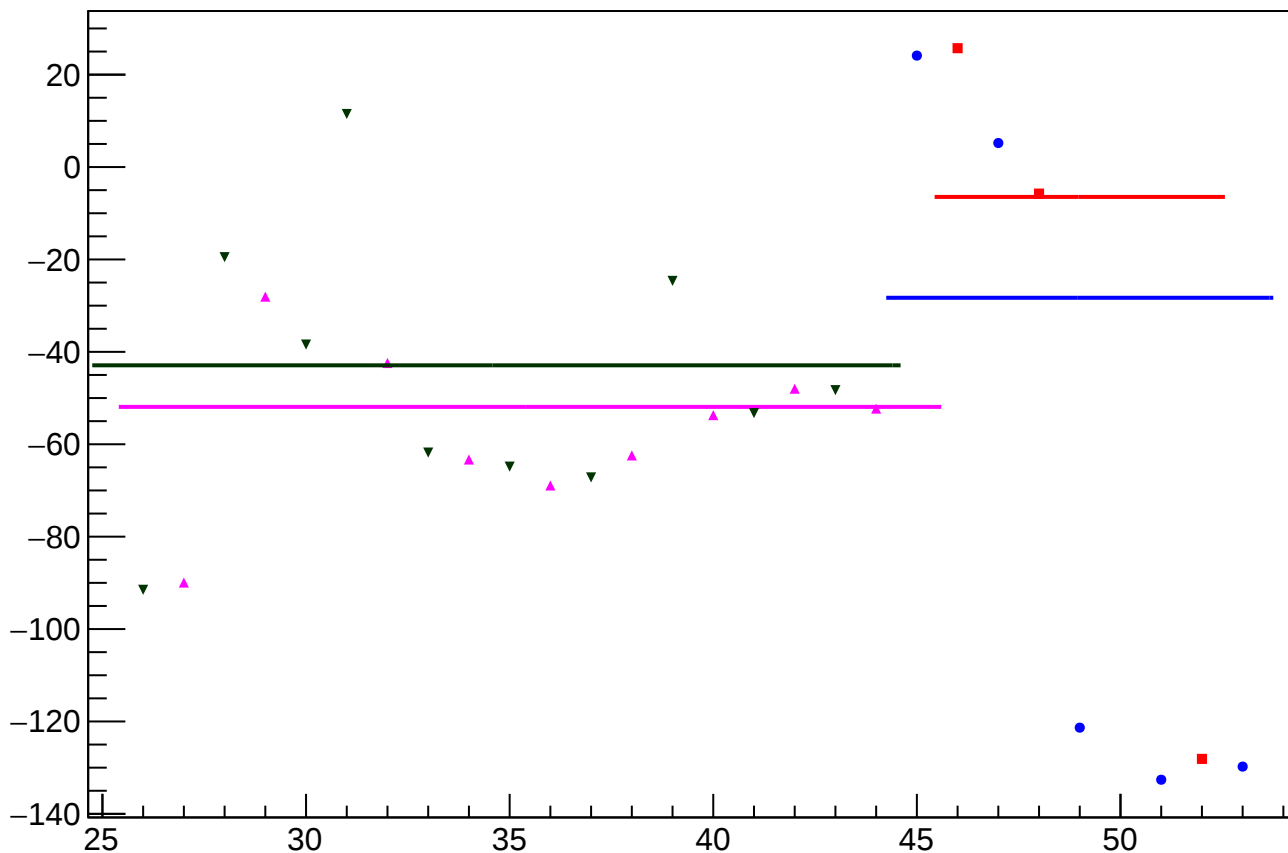
-14.710 ± 0.192 χ^2/NDF : 593.5/14

Right Out: -15.748 ± 0.414 χ^2/NDF : 229.8/2

-14.510 ± 0.194 χ^2/NDF : 827.2/11

Left In: -14.162 ± 0.220 χ^2/NDF : 585.9/8

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -28.292 $\pm$ 0.063 χ^2 /NDF: 1075006.3/4

Left Out: -42.913 $\pm$ 0.044 χ^2 /NDF: 295110.7/9

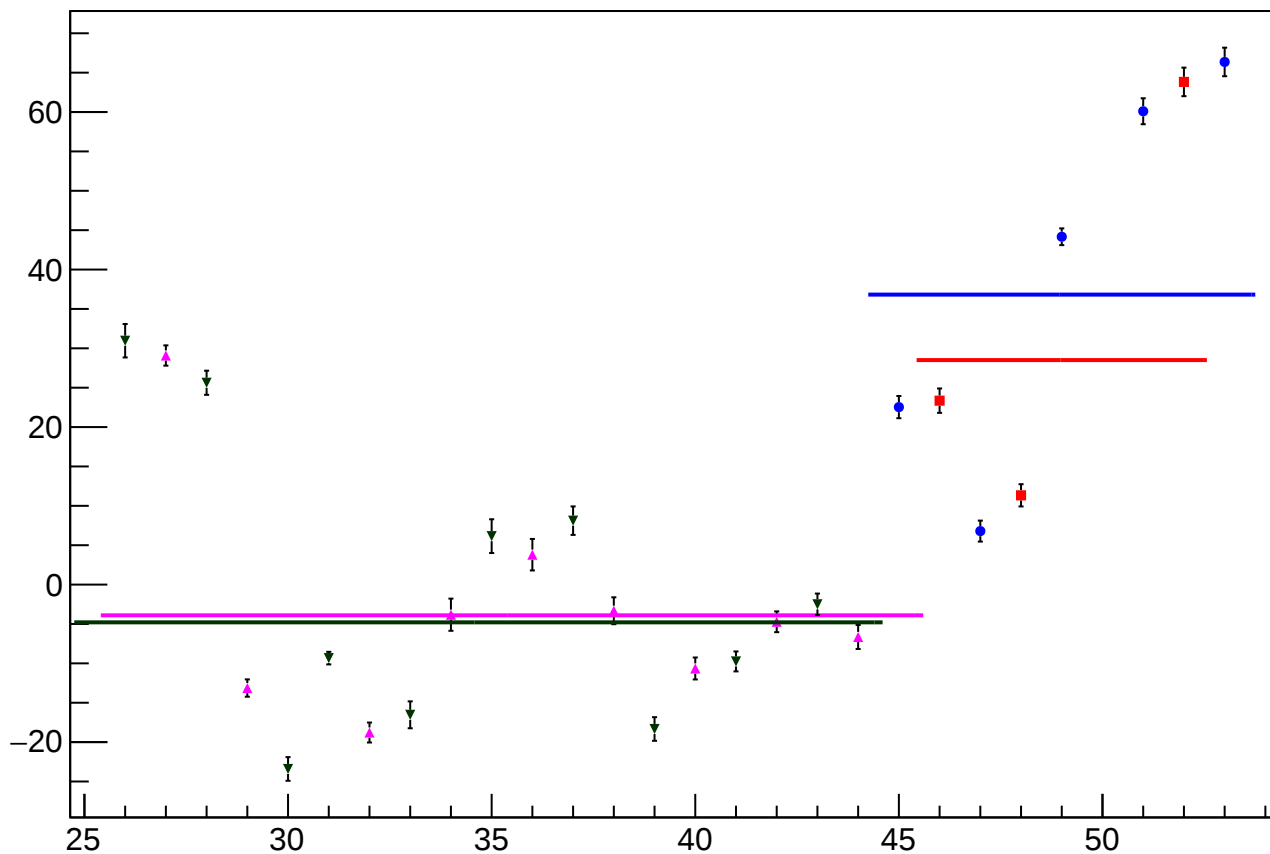
Right Out: -6.465 $\pm$ 0.080 χ^2 /NDF: 393453.5/2

Left In: -51.914 $\pm$ 0.046 χ^2 /NDF: 149065.3/8

-38.109 $\pm$ 0.036 χ^2 /NDF: 1406389.9/14

-40.615 $\pm$ 0.040 χ^2 /NDF: 787185.5/11

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 36.819+/-0.617 χ^2/NDF : 1123.2/4

Left Out: -4.793+/-0.442 χ^2/NDF : 1087.2/9

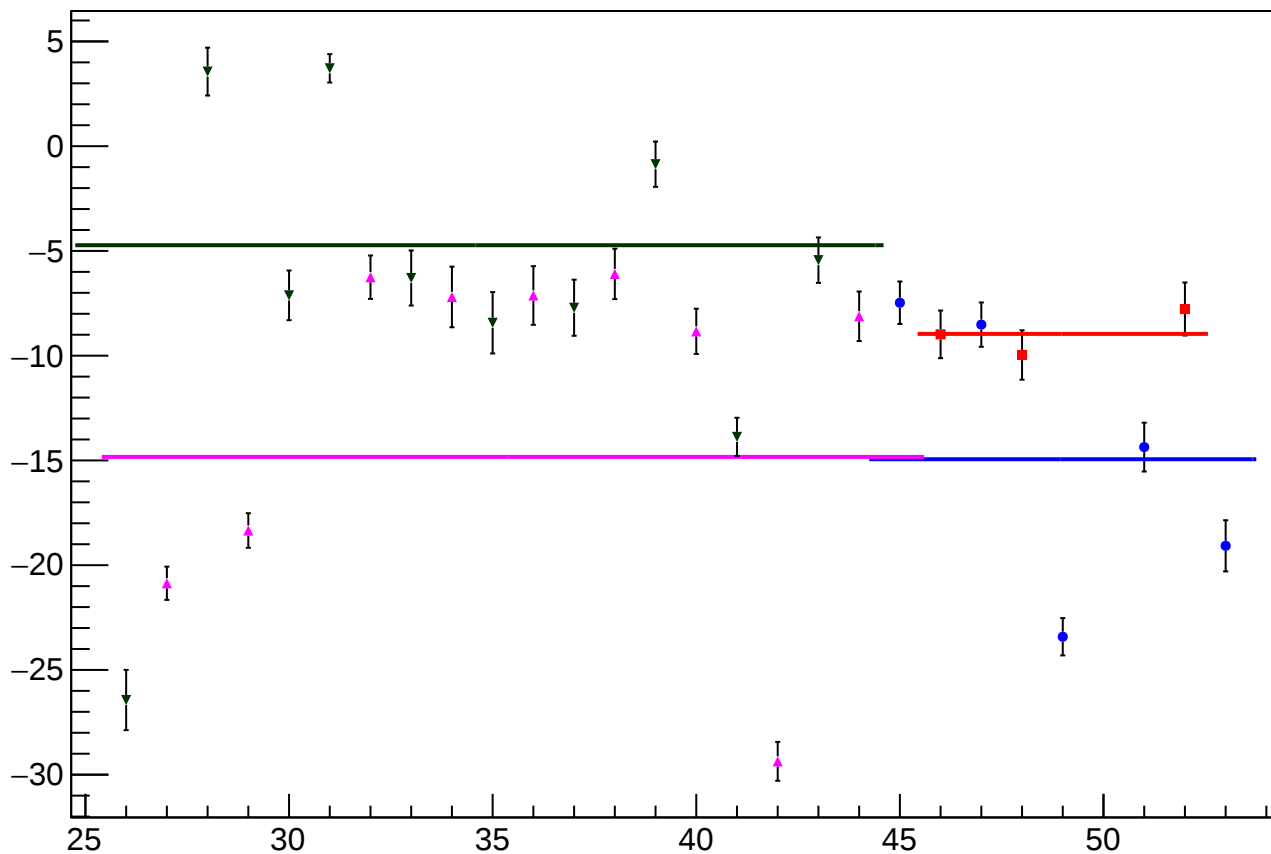
Right Out: 28.506+/-0.904 χ^2/NDF : 538.6/2

Left In: -3.900+/-0.476 χ^2/NDF : 906.0/8

9.296+/-0.359 χ^2/NDF : 5215.7/14

3.141+/-0.422 χ^2/NDF : 2449.8/11

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.944 ± 0.470 χ^2/NDF : 193.2/4

Left Out: -4.727 ± 0.340 χ^2/NDF : 566.1/9

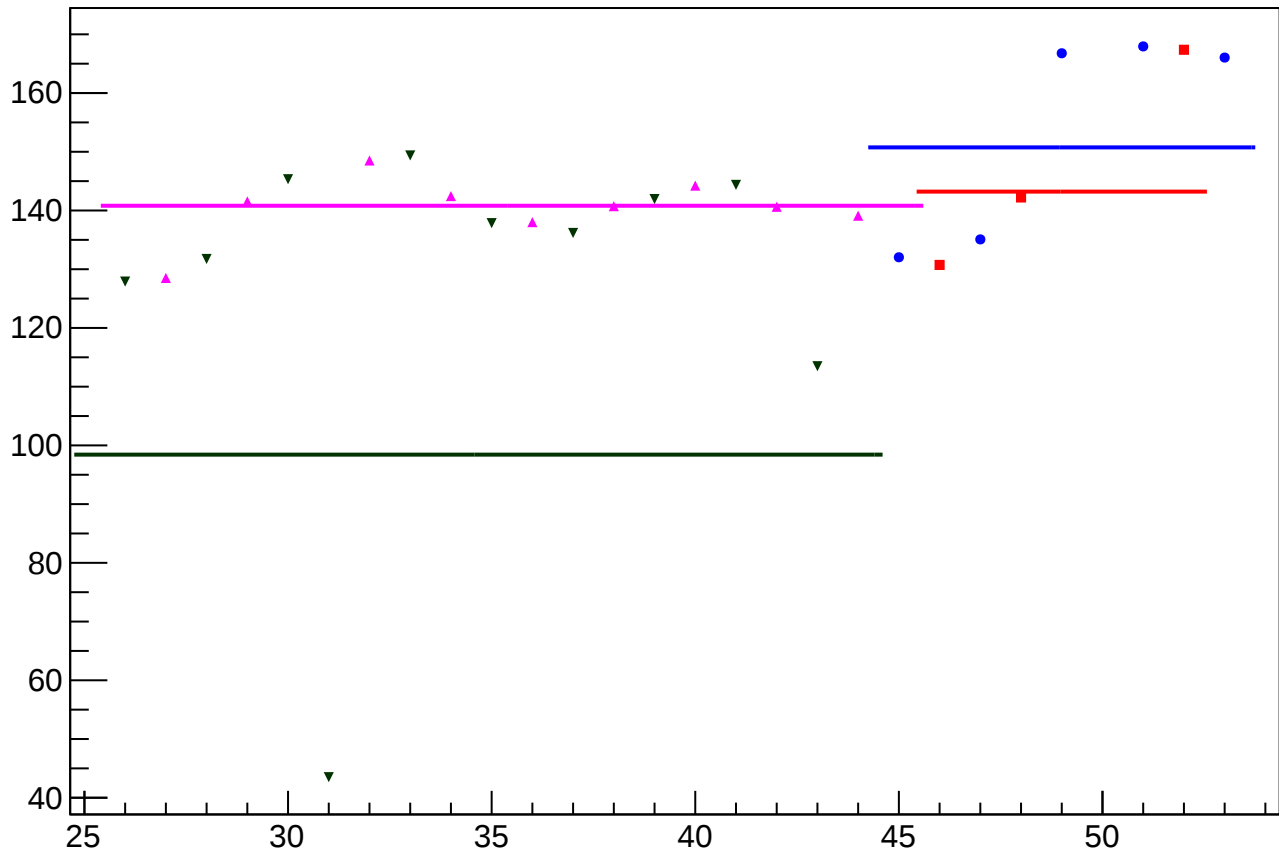
Right Out: -8.959 ± 0.687 χ^2/NDF : 1.6/2

Left In: -14.832 ± 0.345 χ^2/NDF : 563.0/8

-8.239 ± 0.276 χ^2/NDF : 1069.5/14

-13.650 ± 0.308 χ^2/NDF : 622.9/11

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 150.747 +/- 0.110 χ^2/NDF : 22978.1/4

Left Out: 98.427 +/- 0.068 χ^2/NDF : 464189.2/9

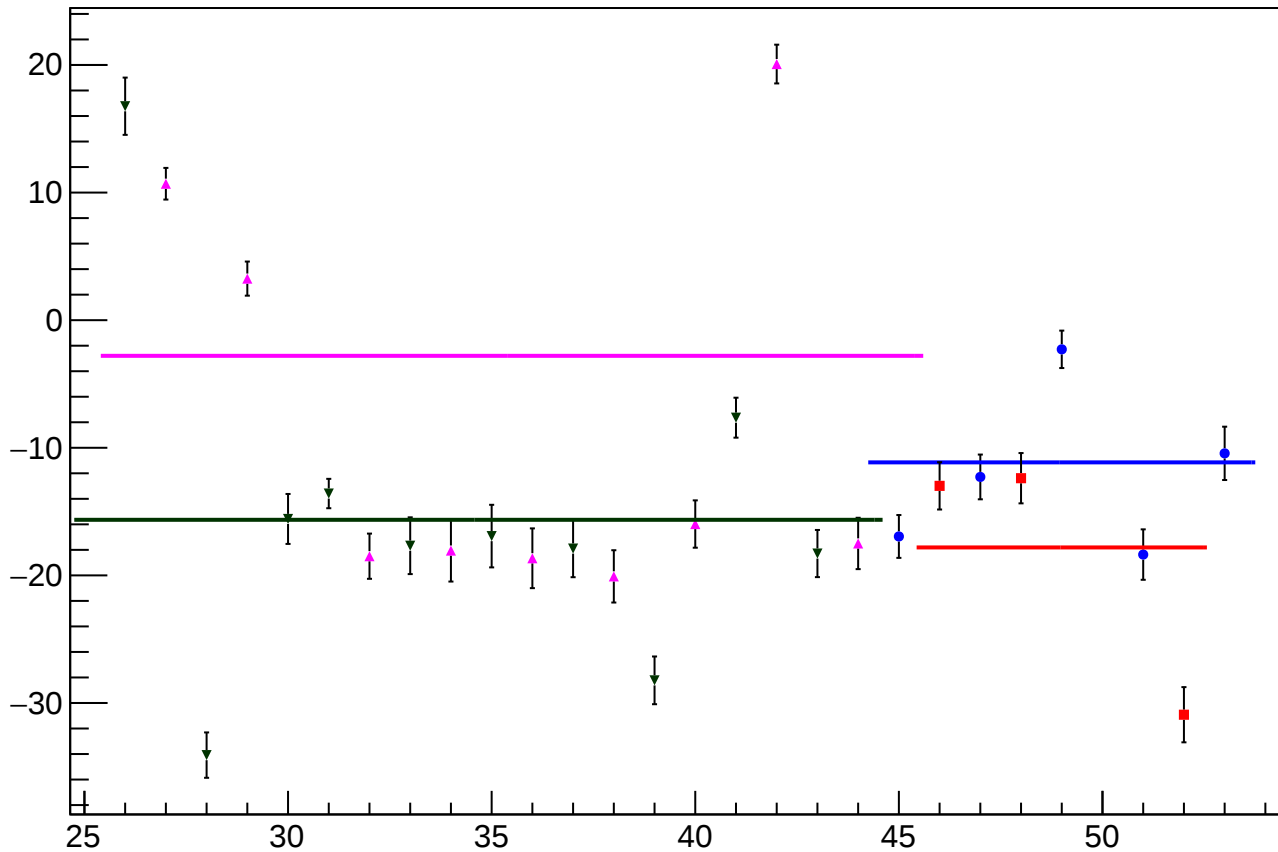
Right Out: 143.215 +/- 0.151 χ^2/NDF : 8851.6/2

Left In: 140.810 +/- 0.082 χ^2/NDF : 4715.0/8

112.930 +/- 0.058 χ^2/NDF : 650009.5/14

141.363 +/- 0.072 χ^2/NDF : 13763.2/11

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -11.144 ± 0.783 $\chi^2/\text{NDF}: 62.4/4$

Left Out: -15.644 ± 0.569 $\chi^2/\text{NDF}: 395.1/9$

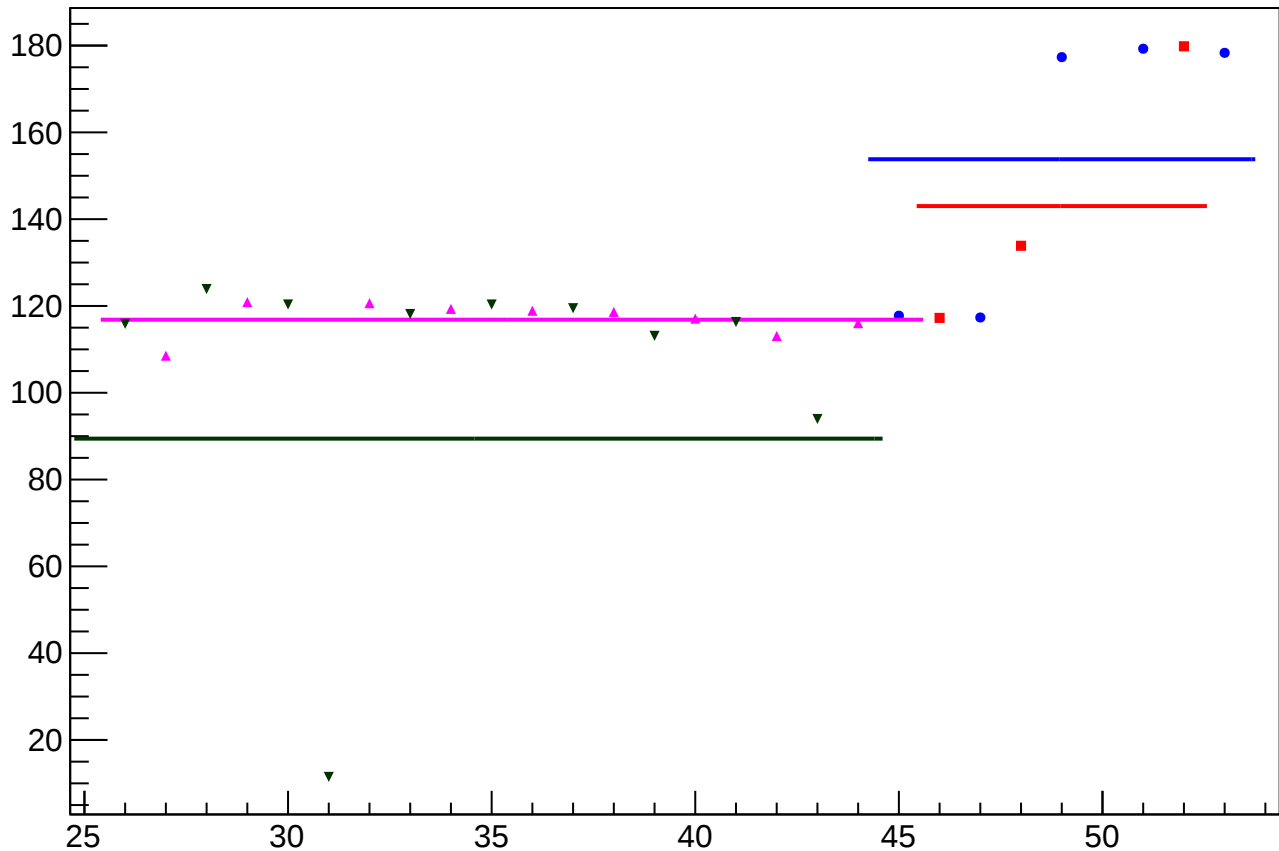
Right Out: -17.810 ± 1.145 $\chi^2/\text{NDF}: 51.1/2$

Left In: -2.793 ± 0.569 $\chi^2/\text{NDF}: 704.4/8$

-14.088 ± 0.461 $\chi^2/\text{NDF}: 479.0/14$

-5.765 ± 0.510 $\chi^2/\text{NDF}: 893.3/11$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 153.806 $\pm$ 0.151 χ^2 /NDF: 38599.2/4

Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF:195054.4/9

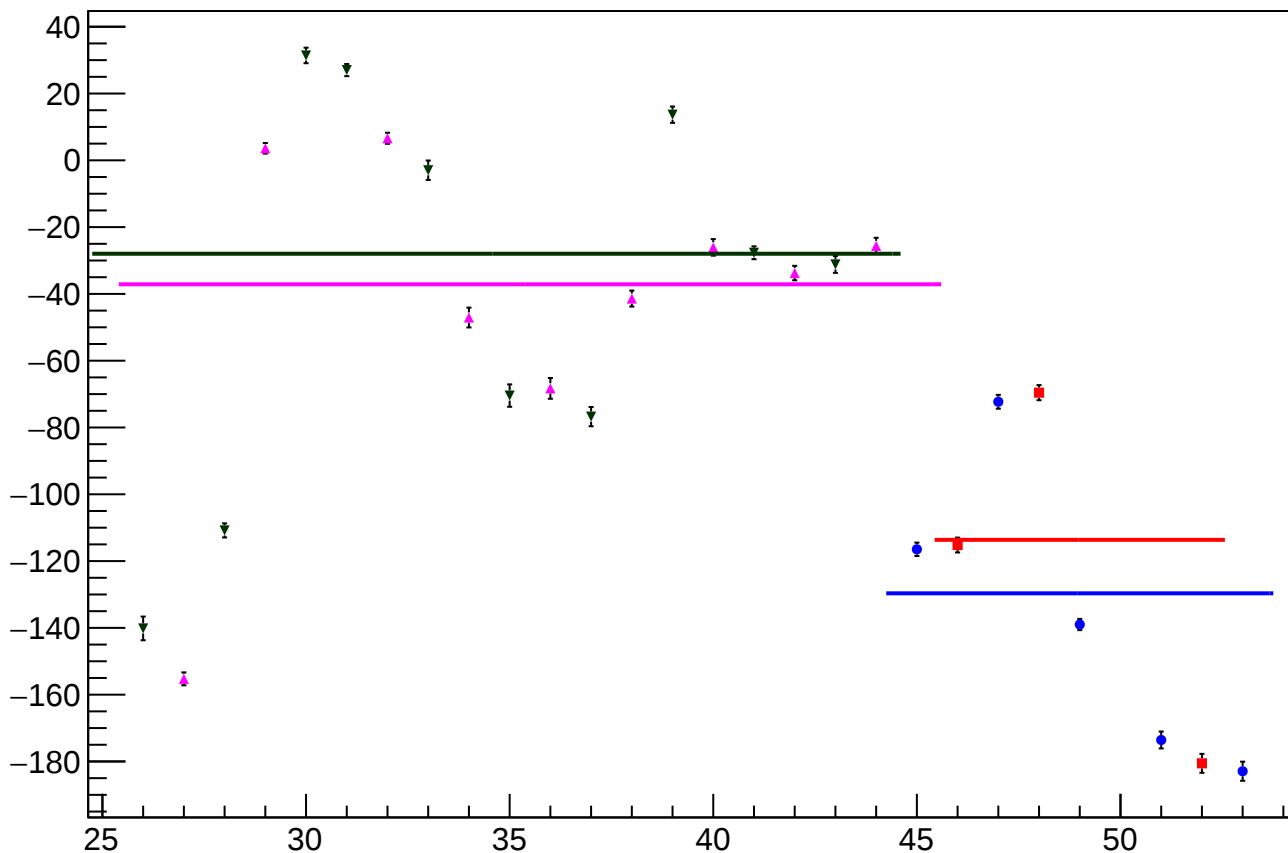
Right Out: 143.015 $\pm$ 0.212 χ^2 /NDF: 15299.2/2

Left In: 116.836 $\pm$ 0.120 χ^2 /NDF:1138.7/8

109.967 $\pm$ 0.085 χ^2 /NDF: 357387.6/14

123.178 $\pm$ 0.105 χ^2 /NDF: 27957.4/11

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -129.654+/-0.948 χ^2/NDF : 1485.9/4

Left Out: -27.970+/-0.765 χ^2/NDF : 4906.6/9

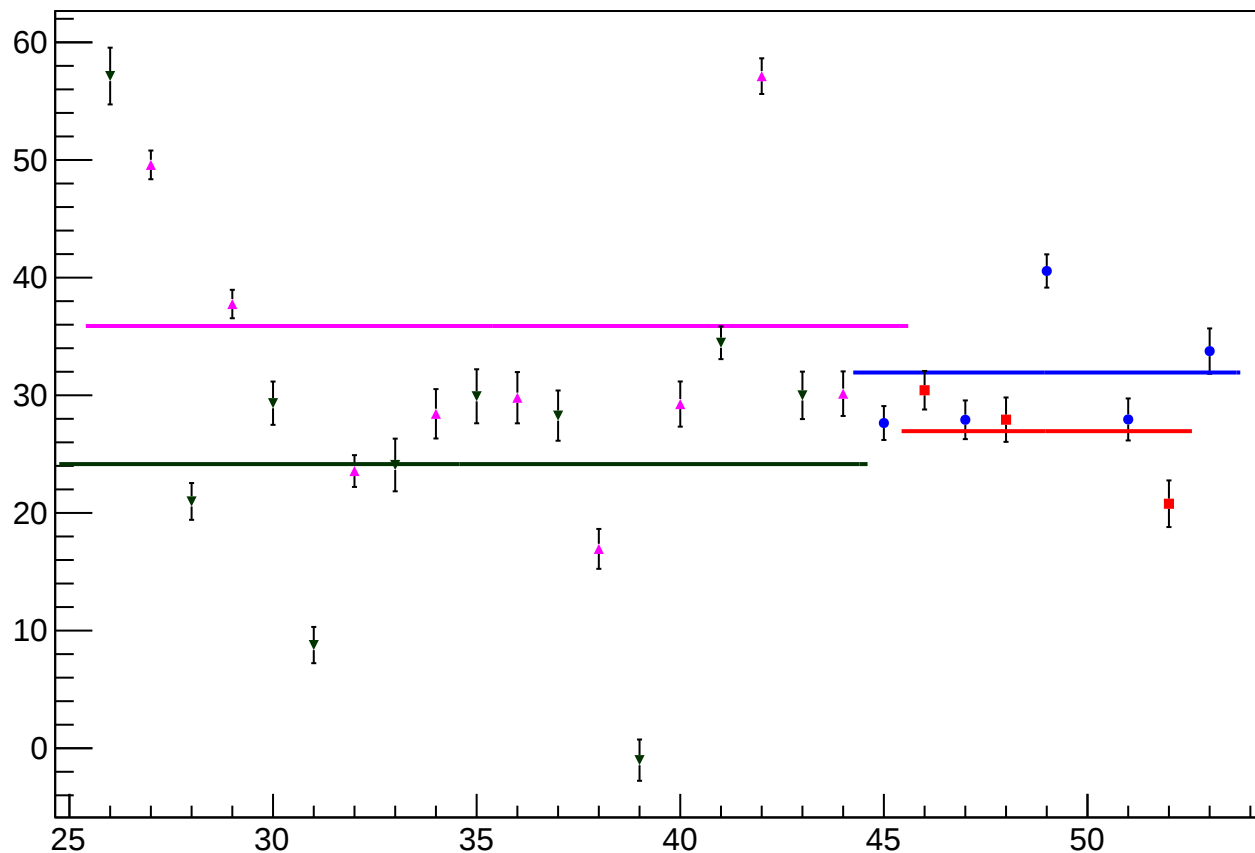
Right Out: -113.638+/-1.385 χ^2/NDF : 936.6/2

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-68.064+/-0.595 χ^2/NDF : 13363.1/14

-53.196+/-0.635 χ^2/NDF : 8566.7/11

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 31.936+/-0.719 χ^2/NDF : 58.0/4

Left Out: 24.152+/-0.578 χ^2/NDF : 577.8/9

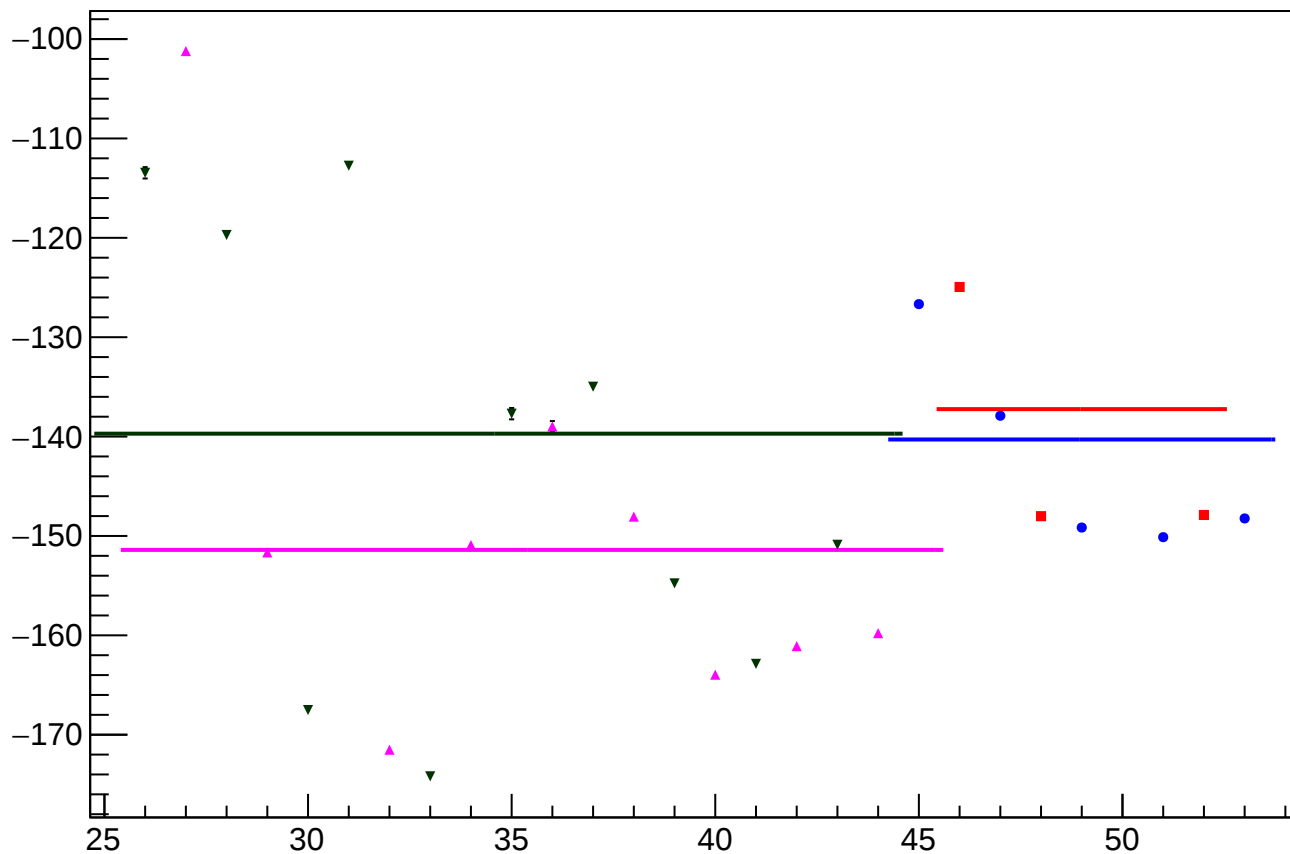
Right Out: 26.951+/-1.049 χ^2/NDF : 14.5/2

Left In: 35.889+/-0.522 χ^2/NDF : 574.5/8

27.208+/-0.450 χ^2/NDF : 707.1/14

34.117+/-0.467 χ^2/NDF : 647.2/11

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -140.292 ± 0.168 $\chi^2/\text{NDF}: 3247.7/4$

Left Out: -139.707 ± 0.122 $\chi^2/\text{NDF}: 35232.0/9$

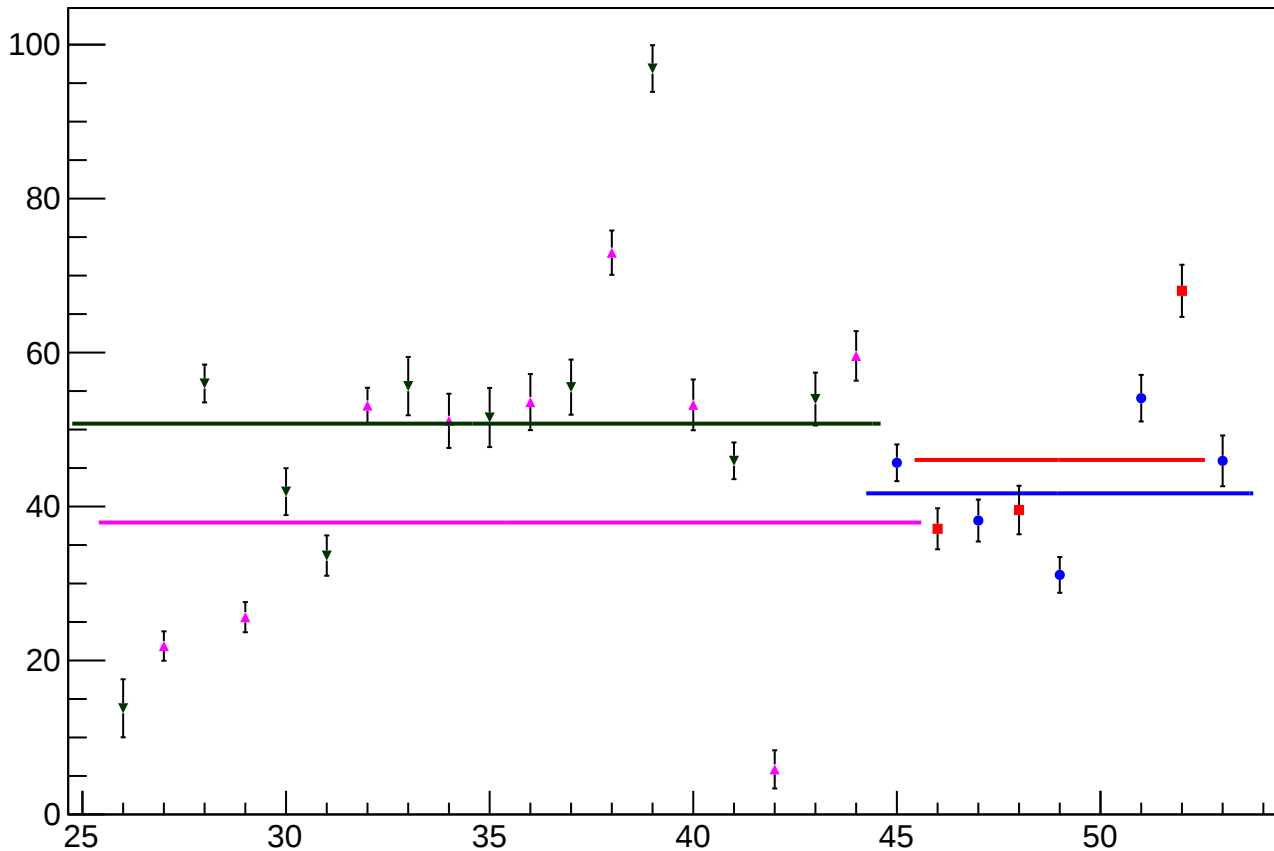
Right Out: -137.237 ± 0.229 $\chi^2/\text{NDF}: 2522.6/2$

Left In: -151.402 ± 0.122 $\chi^2/\text{NDF}: 30317.9/8$

-139.909 ± 0.099 $\chi^2/\text{NDF}: 38487.7/14$

-148.260 ± 0.108 $\chi^2/\text{NDF}: 35828.8/11$

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 41.712 $\pm$ 1.198 χ^2/NDF : 43.6/4

Left Out: 50.768 $\pm$ 0.965 χ^2/NDF : 391.5/9

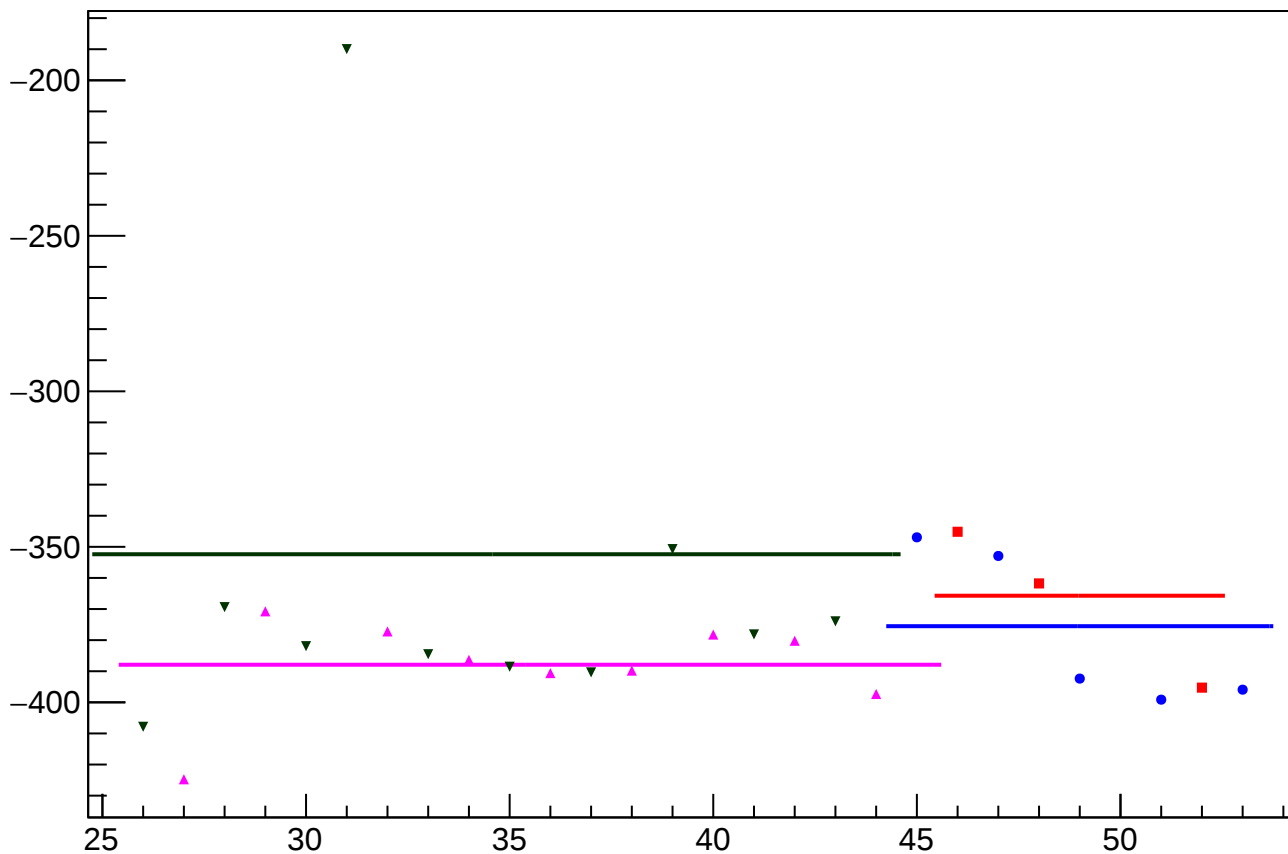
Right Out: 46.052 $\pm$ 1.744 χ^2/NDF : 57.6/2

Left In: 37.922 $\pm$ 0.861 χ^2/NDF : 567.8/8

47.205 $\pm$ 0.751 χ^2/NDF : 469.7/14

39.515 $\pm$ 0.772 χ^2/NDF : 642.9/11

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -375.514+/-0.232 χ^2/NDF : 9540.9/4

Left Out: -352.385+/-0.178 χ^2/NDF : 145038.2/9

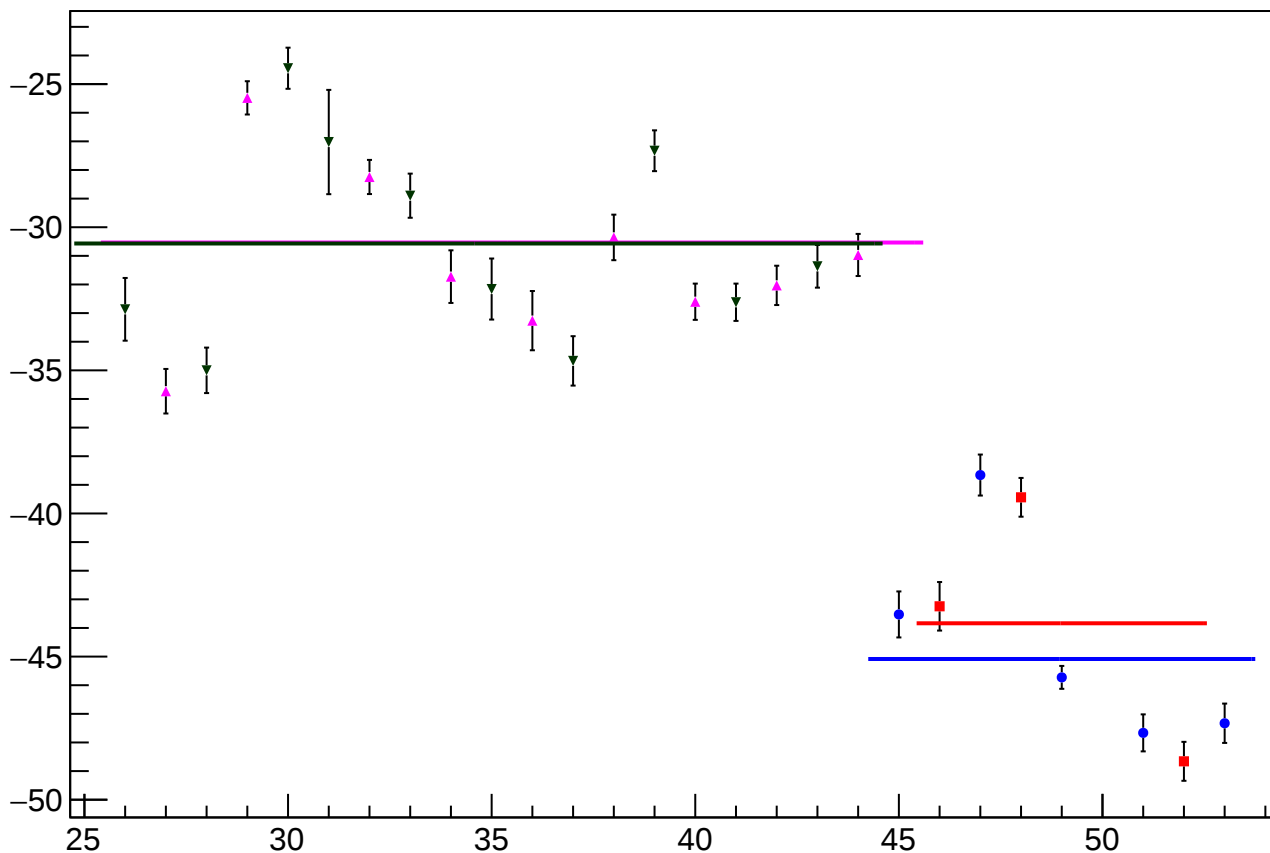
Right Out: -365.718+/-0.326 χ^2/NDF : 4116.8/2

Left In: -387.911+/-0.183 χ^2/NDF : 8311.7/8

-360.976+/-0.141 χ^2/NDF : 160824.0/14

-382.613+/-0.159 χ^2/NDF : 15957.9/11

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -45.084 ± 0.265 $\chi^2/\text{NDF}: 113.5/4$

Left Out: -30.568 ± 0.261 $\chi^2/\text{NDF}: 173.1/9$

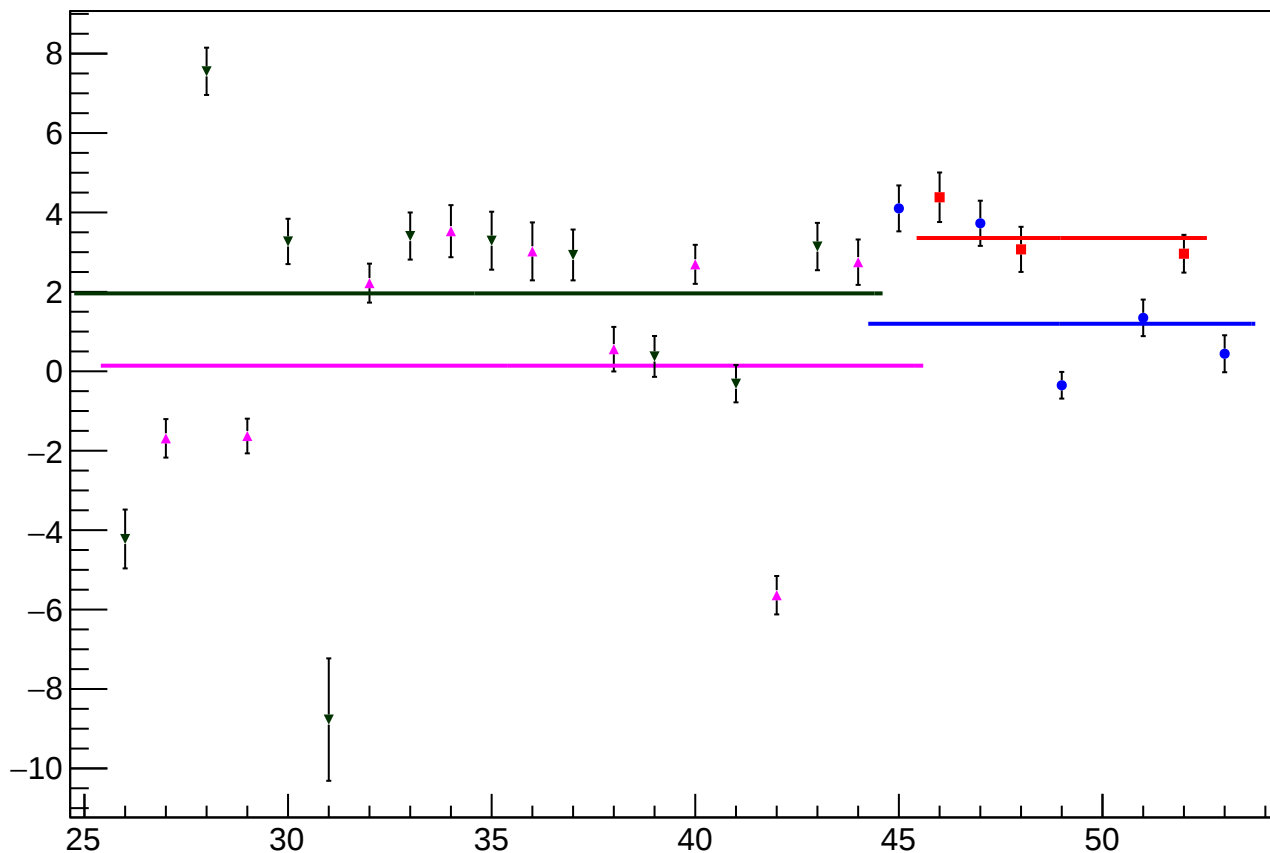
Right Out: -43.836 ± 0.418 $\chi^2/\text{NDF}: 93.0/2$

Left In: -30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-37.719 ± 0.186 $\chi^2/\text{NDF}: 1810.5/14$

-33.806 ± 0.207 $\chi^2/\text{NDF}: 1017.1/11$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.197 ± 0.203 χ^2/NDF : 69.0/4

Left Out: 1.962 ± 0.195 χ^2/NDF : 260.0/9

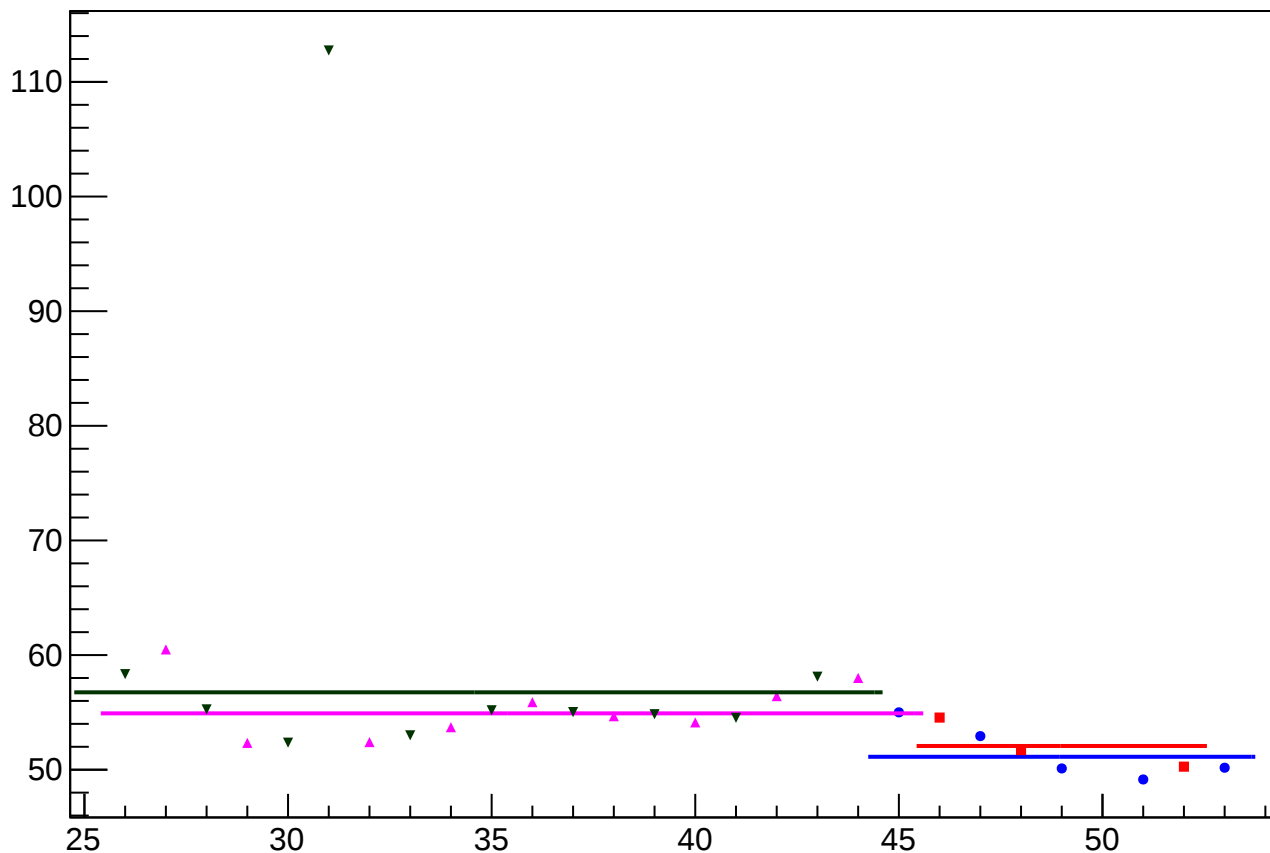
Right Out: 3.356 ± 0.315 χ^2/NDF : 3.7/2

Left In: 0.142 ± 0.175 χ^2/NDF : 282.0/8

1.595 ± 0.140 χ^2/NDF : 336.4/14

0.903 ± 0.153 χ^2/NDF : 365.2/11

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.128±/0.049 χ^2/NDF : 1649.8/4

Left Out: 56.751±/0.043 χ^2/NDF : 56417.9/9

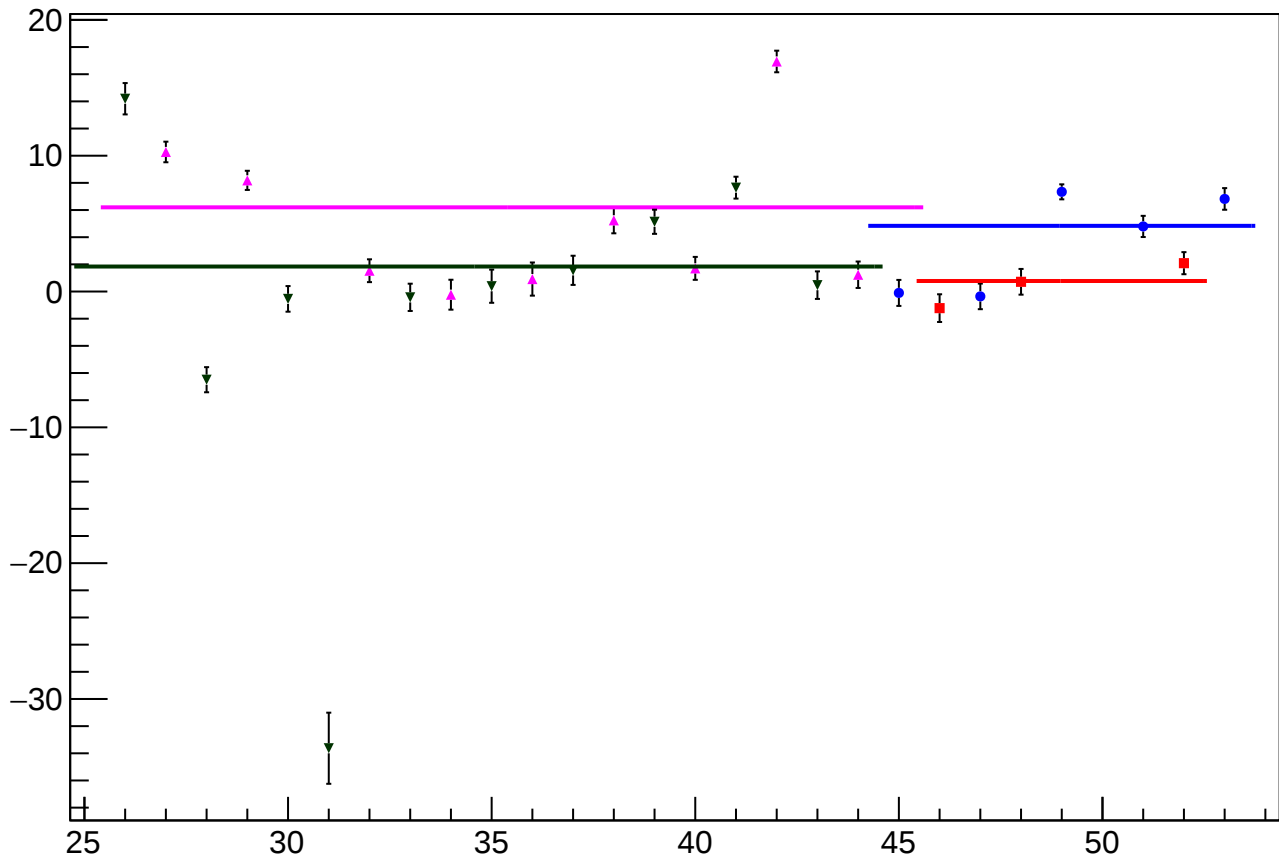
Right Out: 52.070±/0.071 χ^2/NDF : 623.5/2

Left In: 54.917±/0.041 χ^2/NDF : 3795.7/8

54.272±/0.032 χ^2/NDF : 65510.2/14

54.206±/0.035 χ^2/NDF : 5632.1/11

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.836 $\pm$ 0.339 χ^2 /NDF: 83.7/4

Left Out: 1.840 $\pm$ 0.325 χ^2 /NDF: 459.7/9

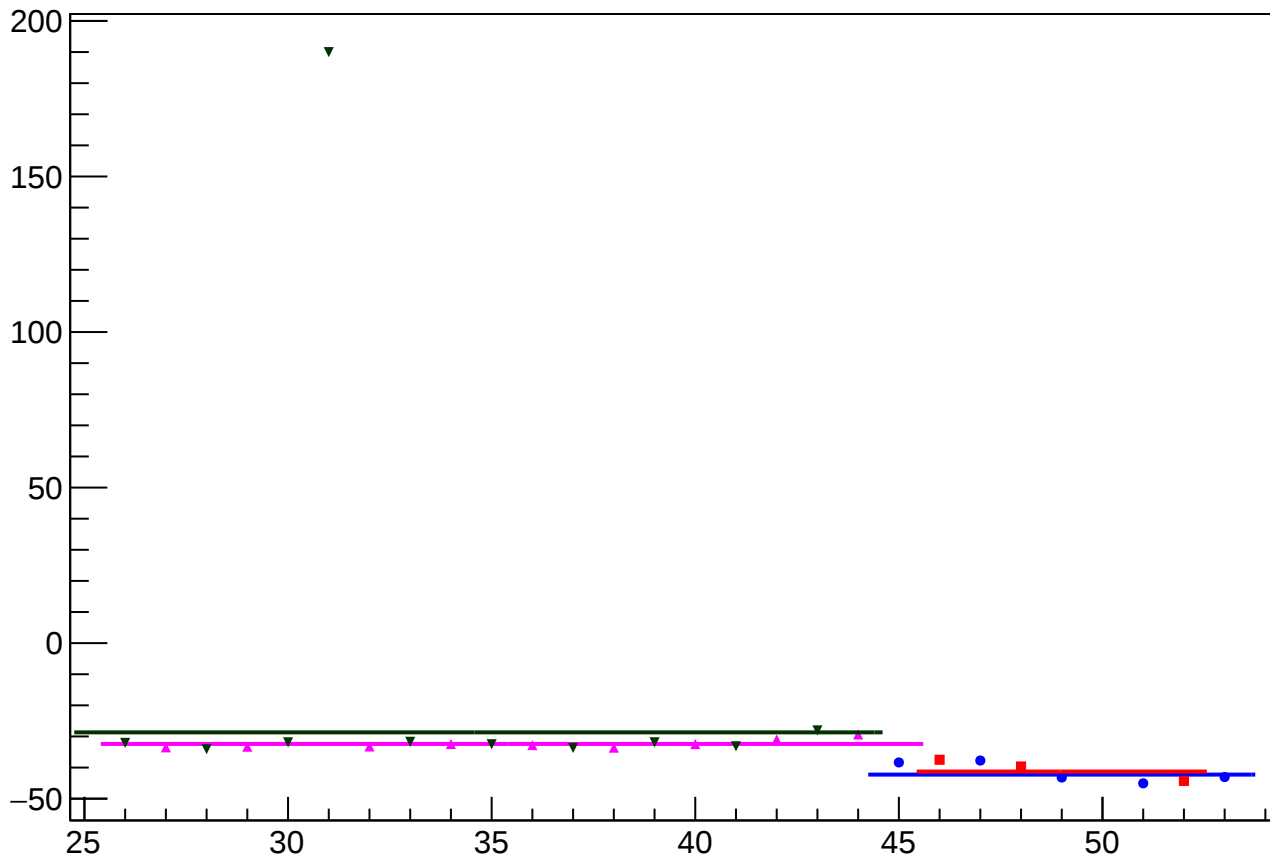
Right Out: 0.775 $\pm$ 0.528 χ^2 /NDF: 6.4/2

Left In: 6.199 $\pm$ 0.291 χ^2 /NDF: 358.1/8

3.273 $\pm$ 0.234 χ^2 /NDF: 584.1/14

4.934 $\pm$ 0.255 χ^2 /NDF: 445.5/11

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -42.260 $\pm$ 0.065 χ^2 /NDF: 1477.0/4

Left Out: -28.687 $\pm$ 0.059 χ^2 /NDF: 220527.8/9

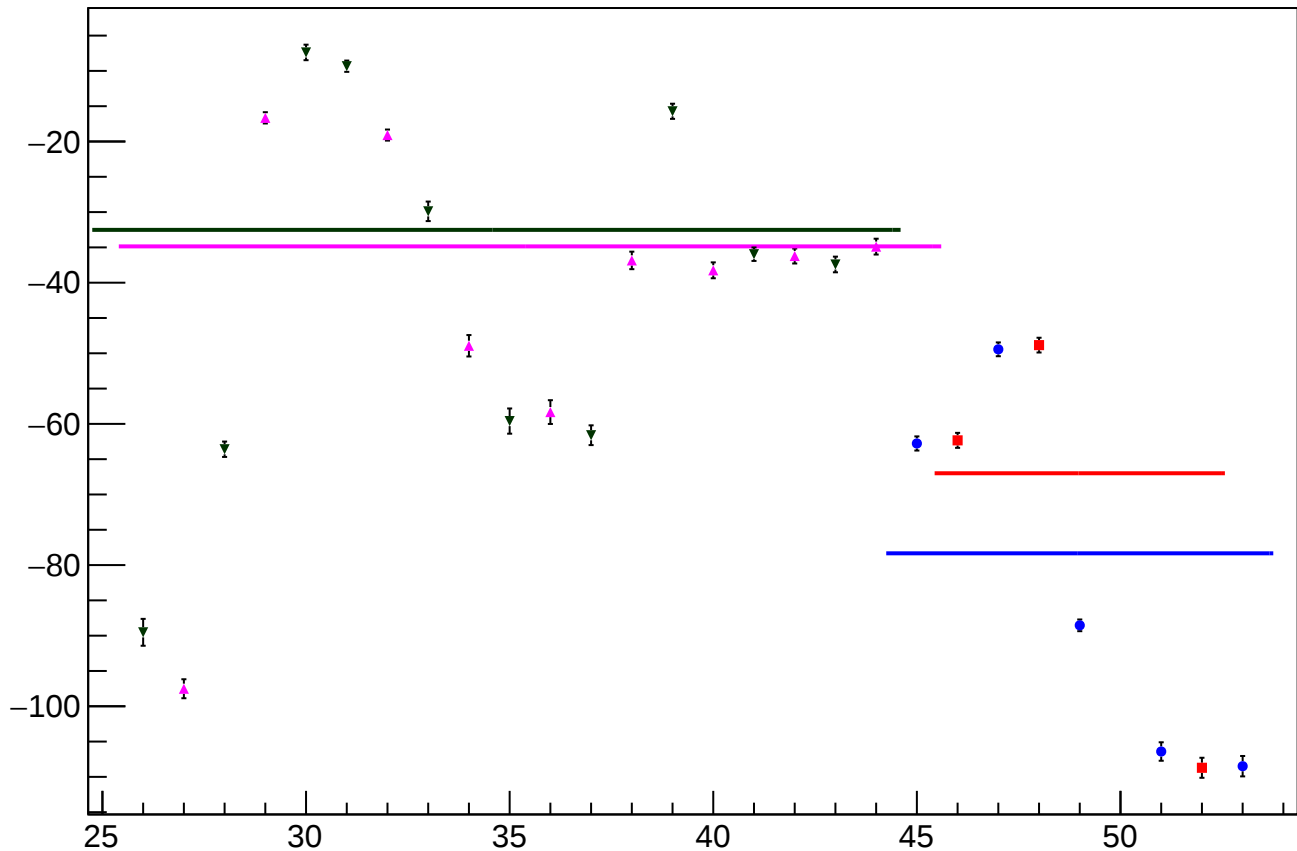
Right Out: -41.276 $\pm$ 0.095 χ^2 /NDF: 911.5/2

Left In: -32.407 $\pm$ 0.060 χ^2 /NDF: 448.5/8

-34.801 $\pm$ 0.043 χ^2 /NDF: 246123.7/14

-34.937 $\pm$ 0.051 χ^2 /NDF: 7638.7/11

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -78.335 $\pm$ 0.468 χ^2 /NDF: 2161.0/4

Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

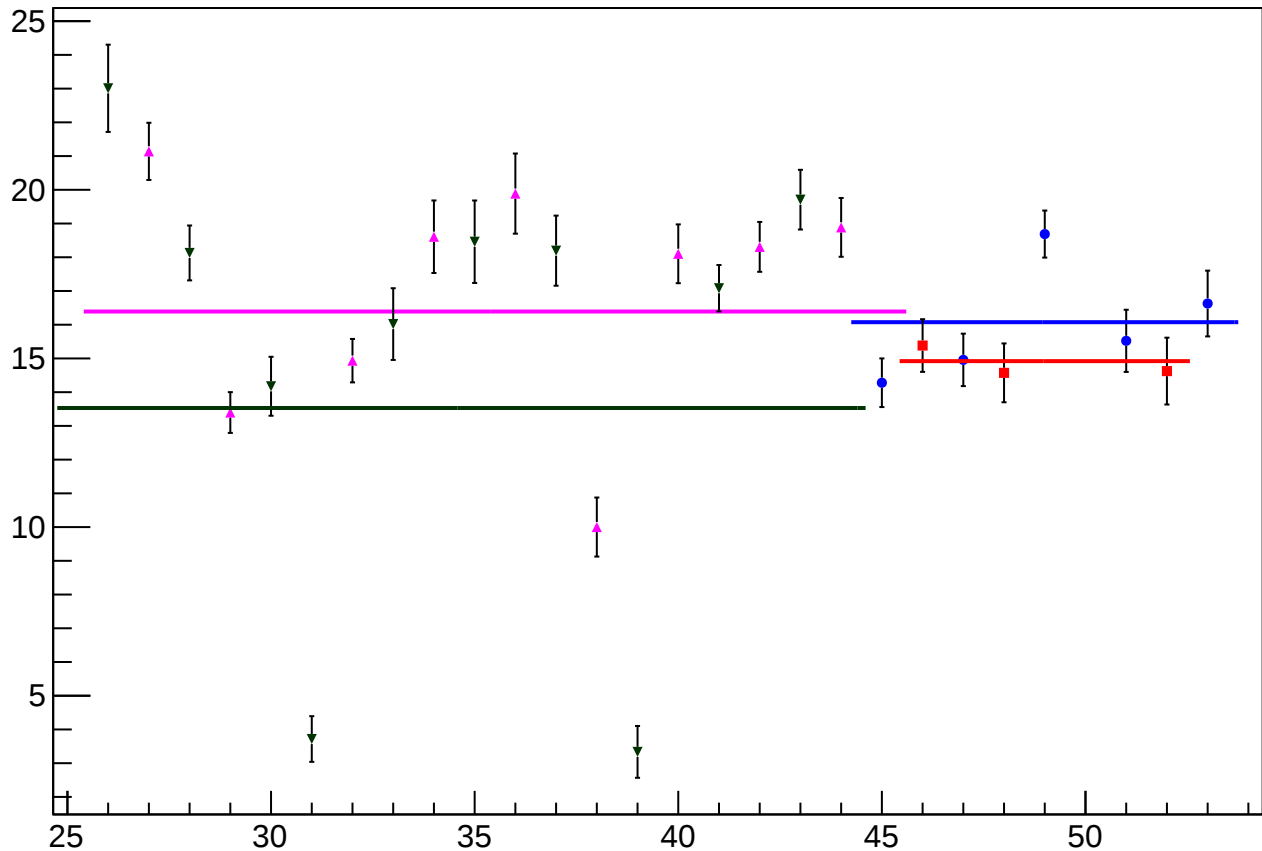
Right Out: -66.994 $\pm$ 0.660 χ^2 /NDF: 1185.0/2

Left In: -34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

-49.638 $\pm$ 0.286 χ^2 /NDF: 12170.8/14

-42.268 $\pm$ 0.317 χ^2 /NDF: 6403.2/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.075 $\pm$ 0.357 χ^2/NDF : 23.0/4

Left Out: 13.531 $\pm$ 0.276 χ^2/NDF : 589.5/9

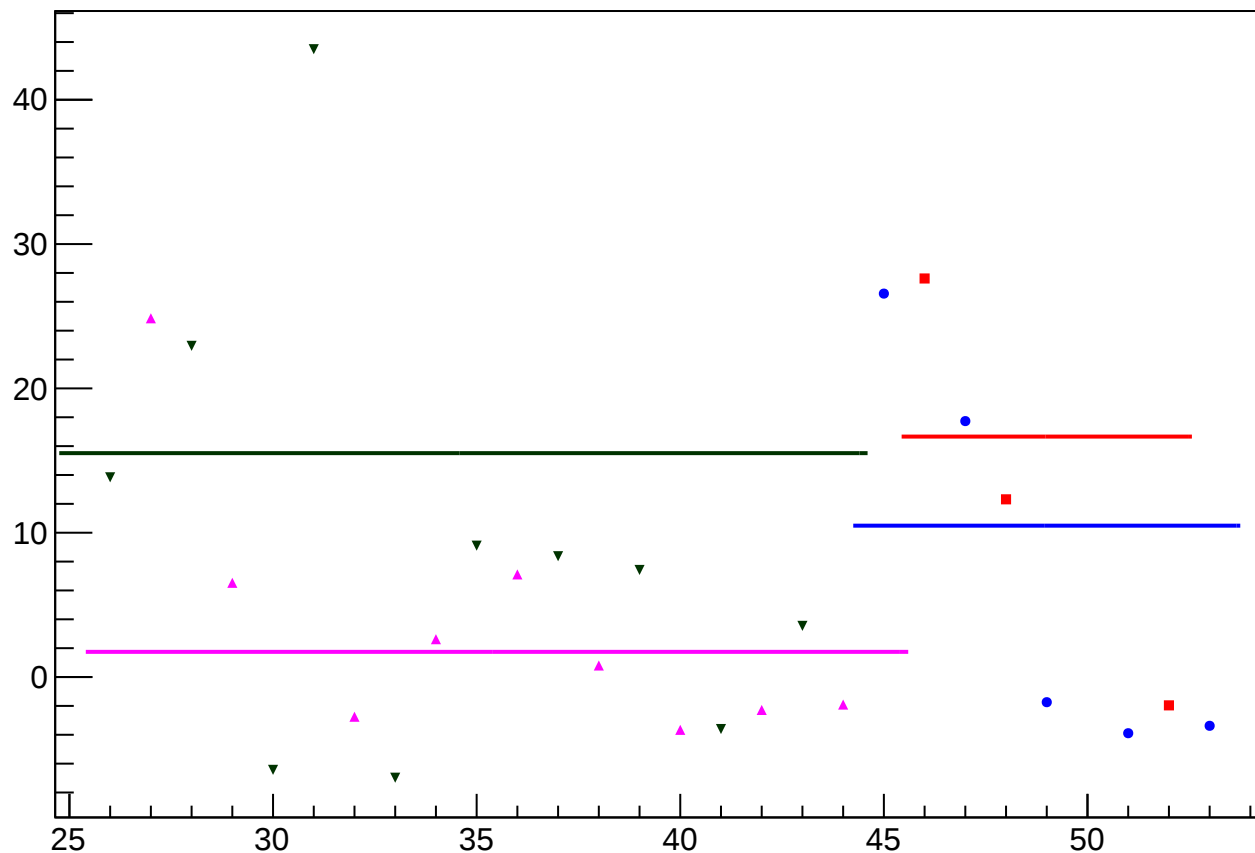
Right Out: 14.920 $\pm$ 0.502 χ^2/NDF : 0.6/2

Left In: 16.391 $\pm$ 0.268 χ^2/NDF : 146.0/8

14.483 $\pm$ 0.218 χ^2/NDF : 644.3/14

16.064 $\pm$ 0.237 χ^2/NDF : 153.3/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 10.489±/0.083 χ^2/NDF : 24019.1/4

Left Out: 15.514±/0.057 χ^2/NDF : 116500.8/9

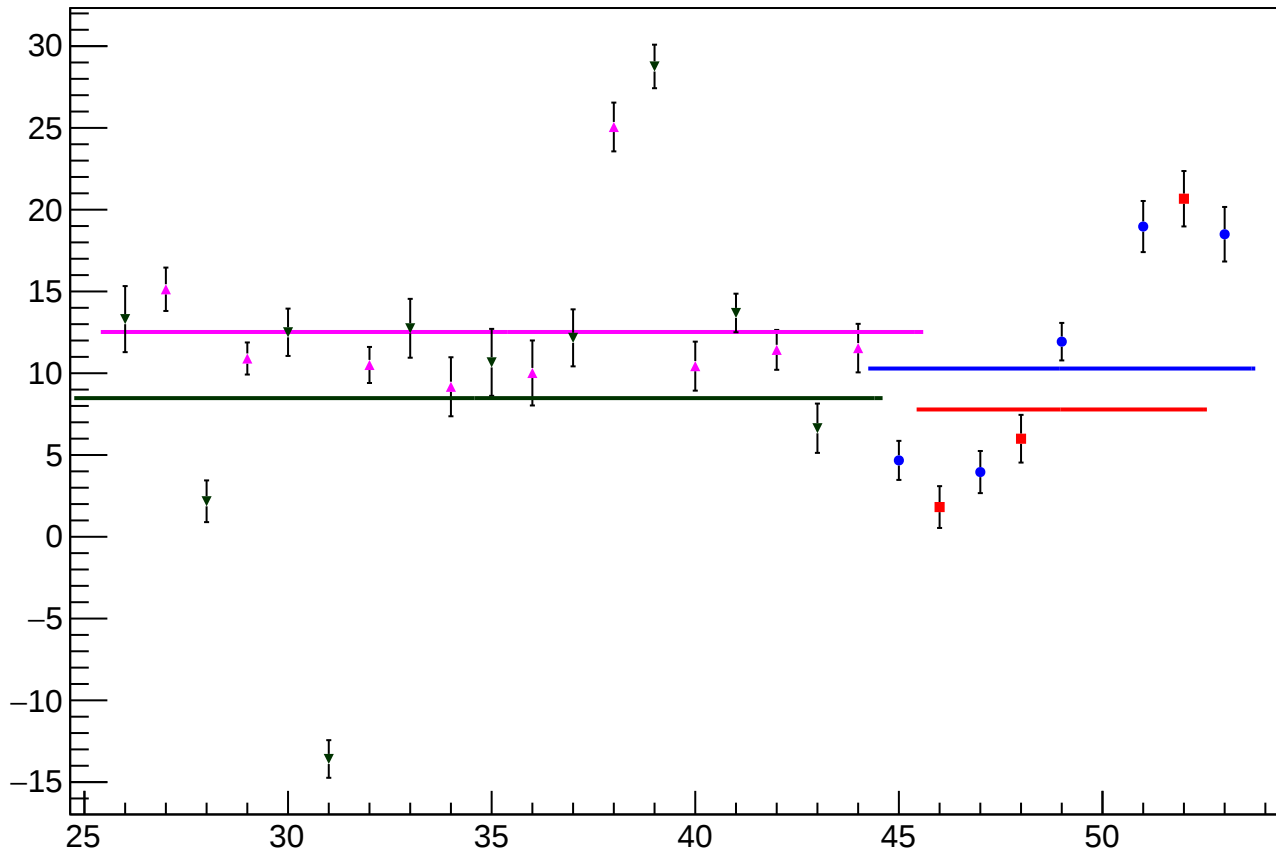
Right Out: 16.661±/0.109 χ^2/NDF : 11063.1/2

Left In: 1.745±/0.061 χ^2/NDF : 13830.4/8

13.902±/0.047 χ^2/NDF : 143001.1/14

5.358±/0.054 χ^2/NDF : 39159.0/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 10.287+/-0.594 χ^2 /NDF: 103.4/4

Left Out: 8.478+/-0.462 χ^2 /NDF:669.8/9

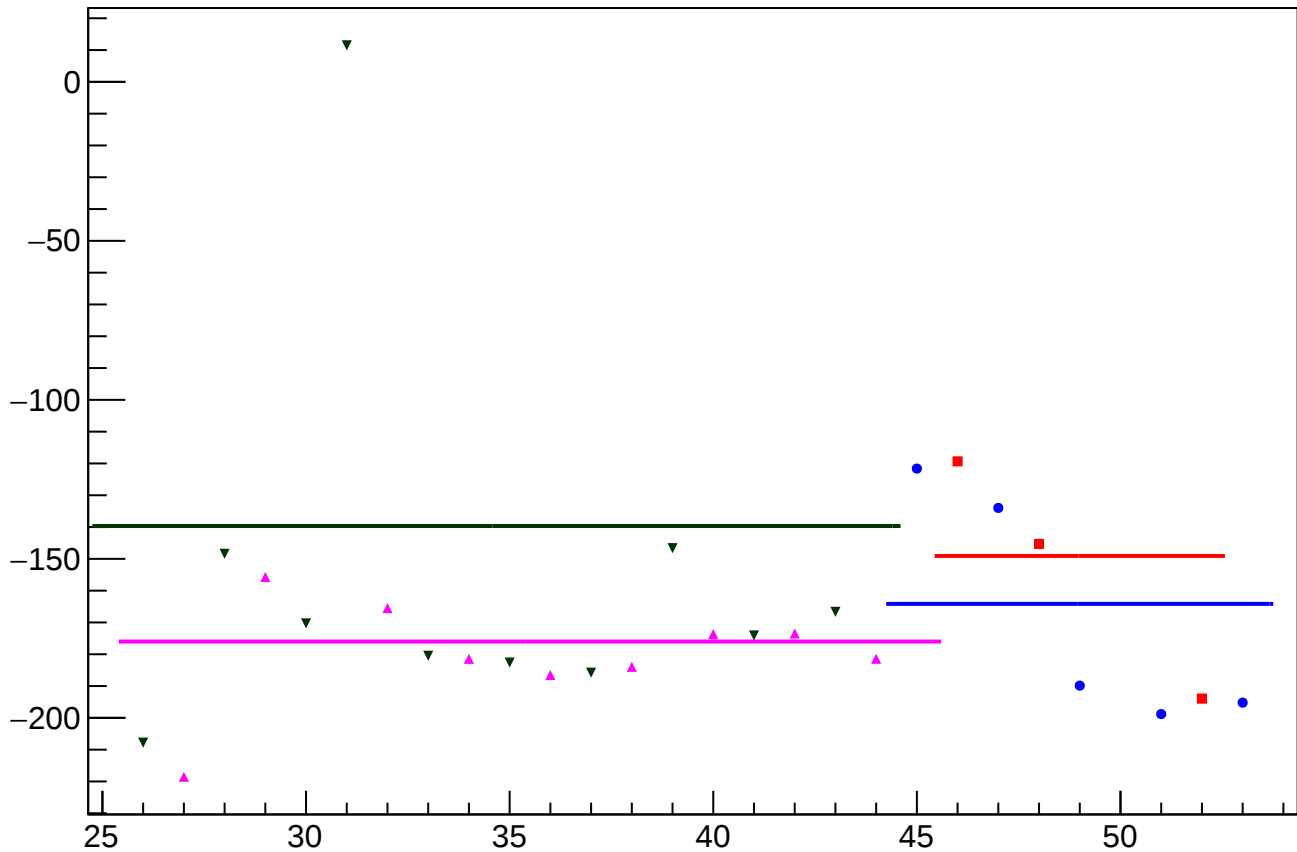
Right Out: 7.784+/-0.836 χ^2 /NDF: 81.2/2

Left In: 12.522+/-0.447 χ^2 /NDF:88.8/8

9.159+/-0.364 χ^2 /NDF: 779.0/14

11.470+/-0.394 χ^2 /NDF: 195.0/11

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -164.156+/-0.115 χ^2/NDF : 82945.1/4

Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

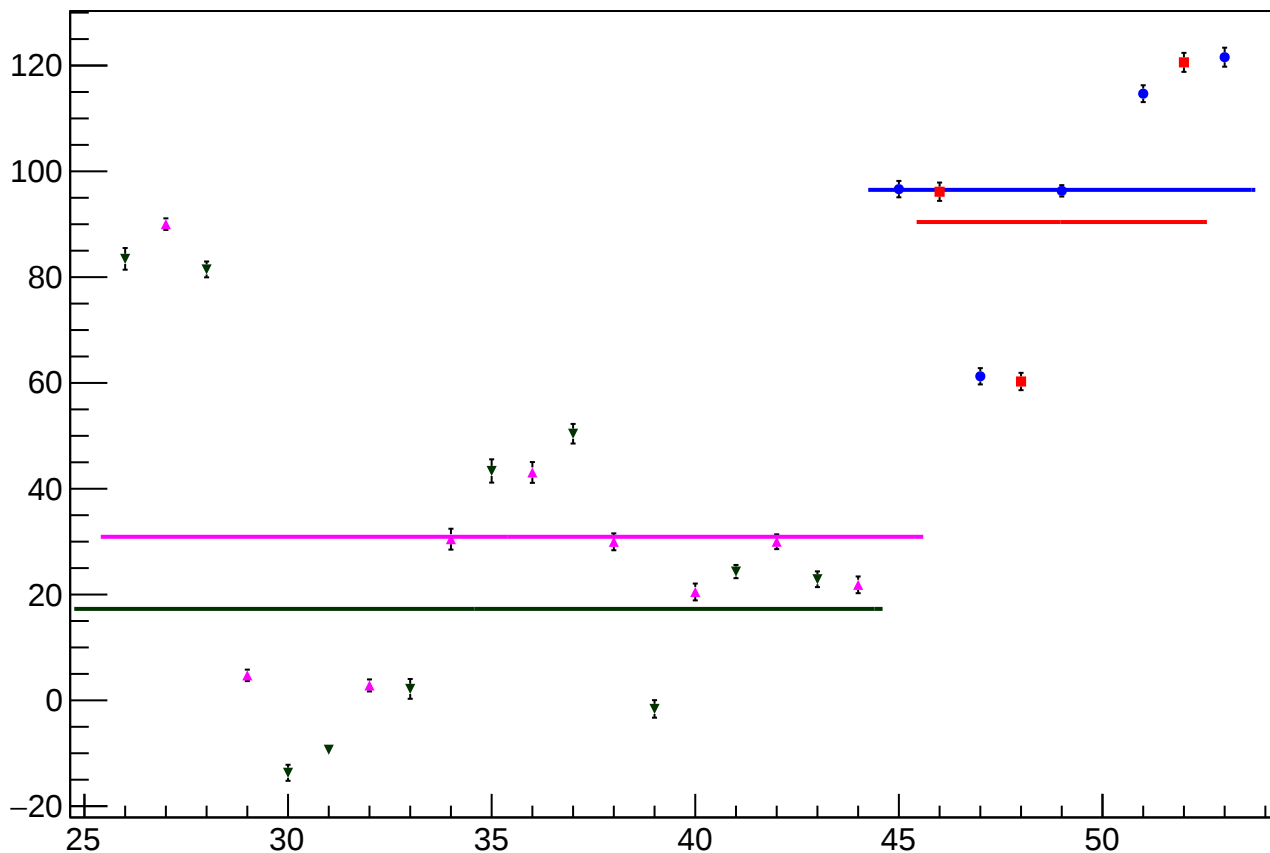
Right Out: -149.085+/-0.157 χ^2/NDF : 37668.9/2

Left In: -176.005+/-0.093 χ^2/NDF : 29134.4/8

-148.365+/-0.069 χ^2/NDF : 791967.9/14

-169.000+/-0.080 χ^2/NDF : 88692.5/11

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 96.497 ± 0.645 χ^2/NDF : 848.4/4

Left Out: 17.287 ± 0.451 χ^2/NDF : 5099.2/9

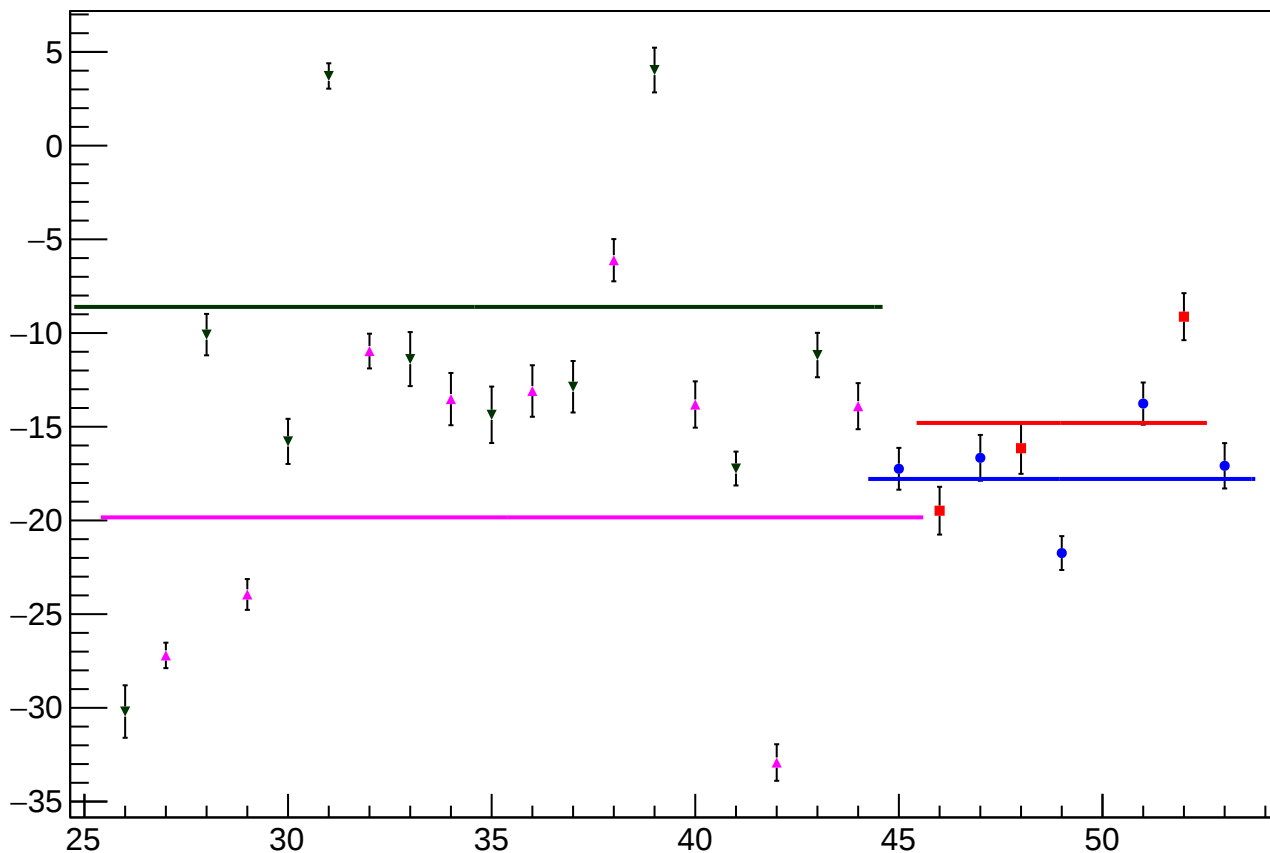
Right Out: 90.417 ± 0.992 χ^2/NDF : 632.8/2

Left In: 30.920 ± 0.463 χ^2/NDF : 4232.7/8

43.306 ± 0.369 χ^2/NDF : 16086.1/14

41.555 ± 0.419 χ^2/NDF : 7821.0/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -17.786 ± 0.489 χ^2/NDF : 33.4/4

Left Out: -8.606 ± 0.347 χ^2/NDF : 842.3/9

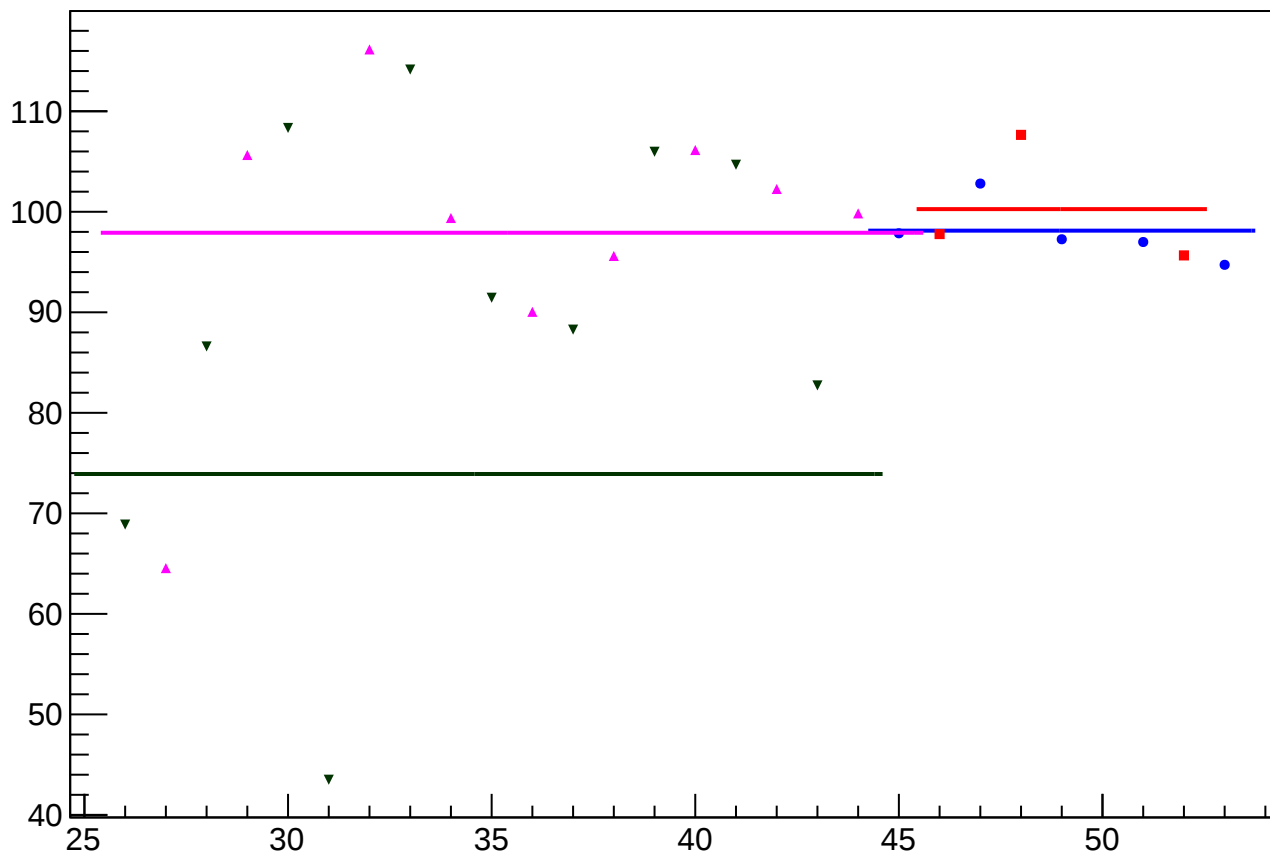
Right Out: -14.797 ± 0.748 χ^2/NDF : 34.9/2

Left In: -19.837 ± 0.333 χ^2/NDF : 654.2/8

-11.680 ± 0.283 χ^2/NDF : 1109.7/14

-19.003 ± 0.304 χ^2/NDF : 726.9/11

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 98.123+/-0.116 χ^2/NDF : 479.4/4

Left Out: 73.915+/-0.069 χ^2/NDF :161181.8/9

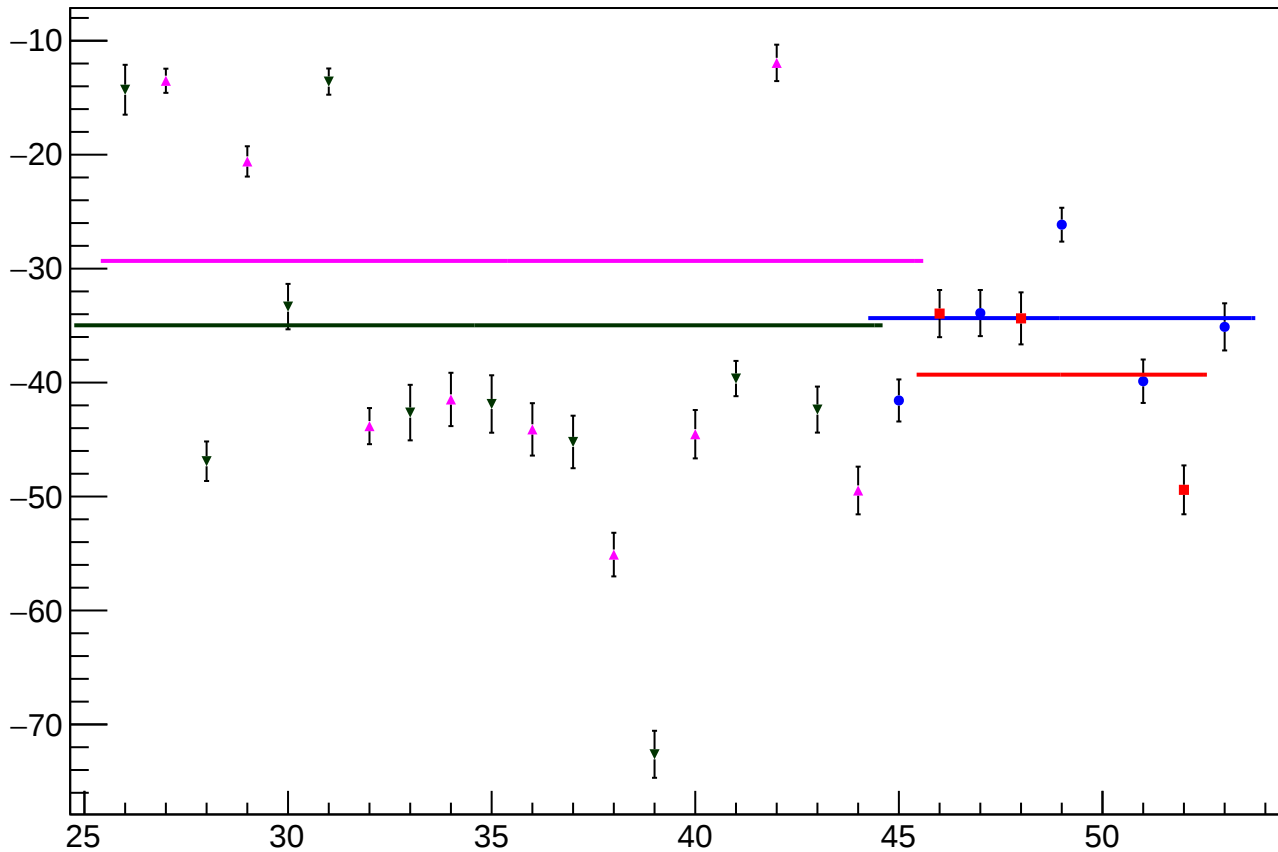
Right Out: 100.265+/-0.165 χ^2/NDF : 936.0/2

Left In: 97.913+/-0.079 χ^2/NDF :43937.6/8

80.288+/-0.059 χ^2/NDF : 193784.8/14

98.353+/-0.071 χ^2/NDF : 45038.2/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -34.342 ± 0.817 χ^2/NDF : 54.4/4

Left Out: -34.973 ± 0.581 χ^2/NDF : 875.4/9

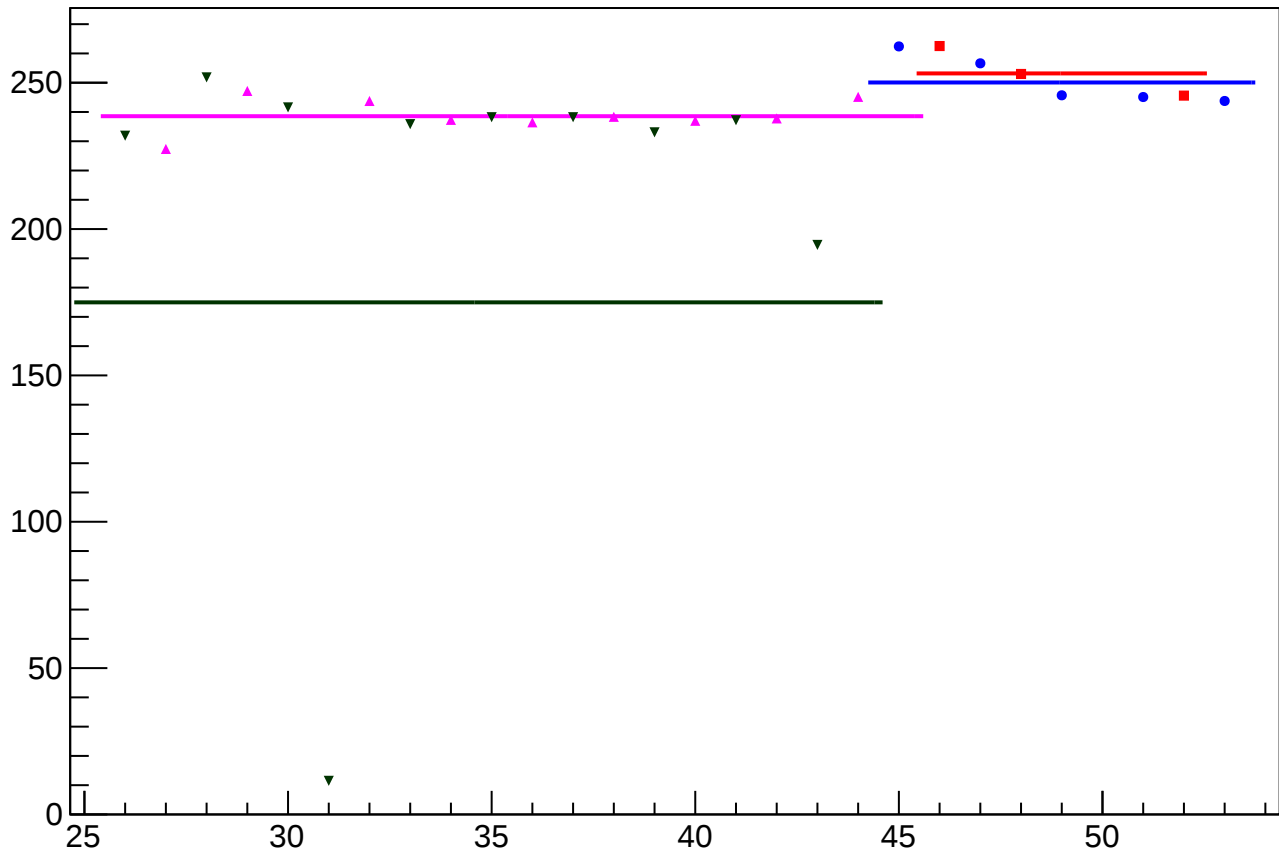
Right Out: -39.305 ± 1.247 χ^2/NDF : 33.6/2

Left In: -29.322 ± 0.547 χ^2/NDF : 861.1/8

-34.761 ± 0.474 χ^2/NDF : 930.2/14

-30.933 ± 0.501 χ^2/NDF : 948.4/11

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 250.078 $\pm$ 0.158 χ^2/NDF : 2082.8/4

Left Out: 174.958 $\pm$ 0.106 χ^2/NDF : 866358.0/9

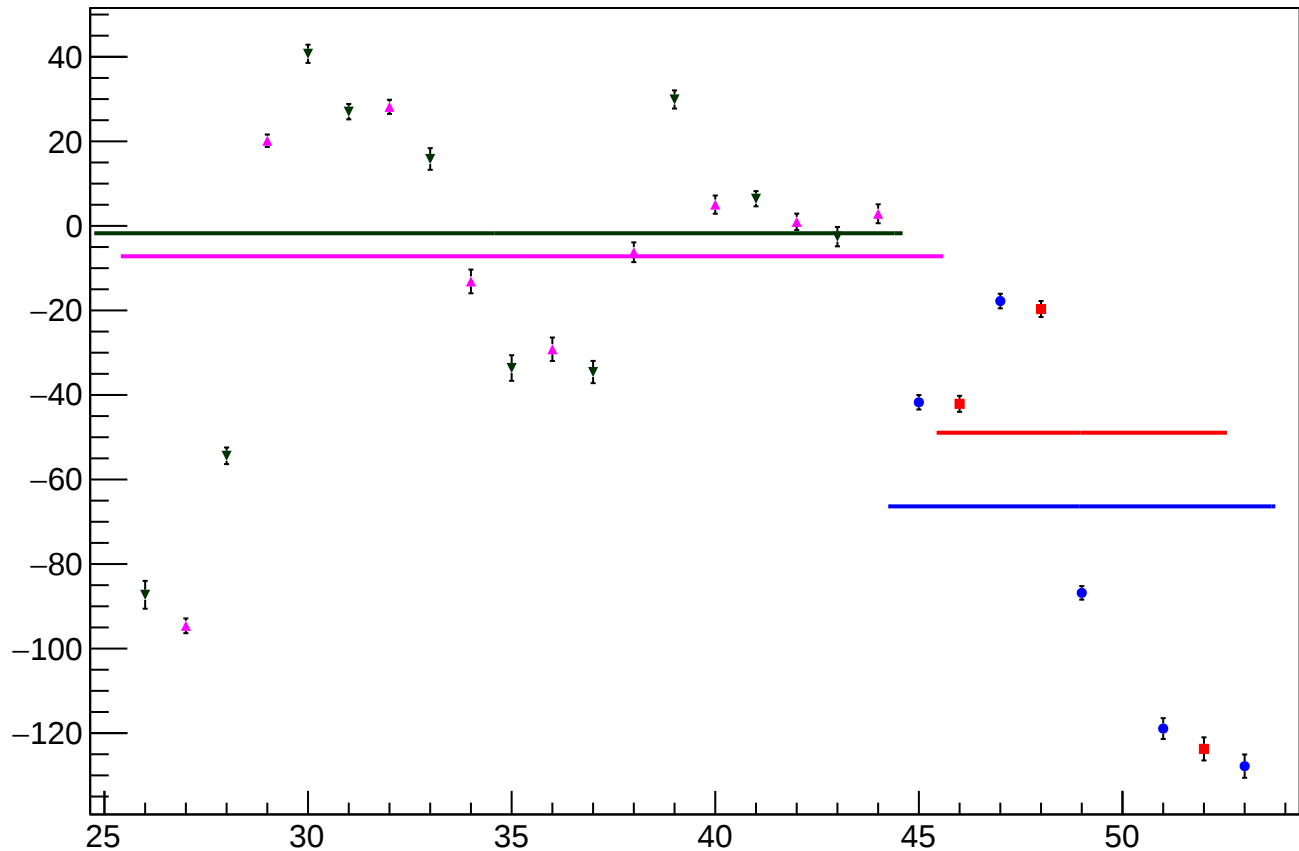
Right Out: 253.175 $\pm$ 0.230 χ^2/NDF : 942.8/2

Left In: 238.557 $\pm$ 0.118 χ^2/NDF : 3005.9/8

198.472 $\pm$ 0.088 χ^2/NDF : 1024585.3/14

241.598 $\pm$ 0.105 χ^2/NDF : 7153.6/11

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -66.357 $\pm$ 0.857 χ^2/NDF : 2108.5/4

Left Out: -1.743 $\pm$ 0.709 χ^2/NDF : 2580.4/9

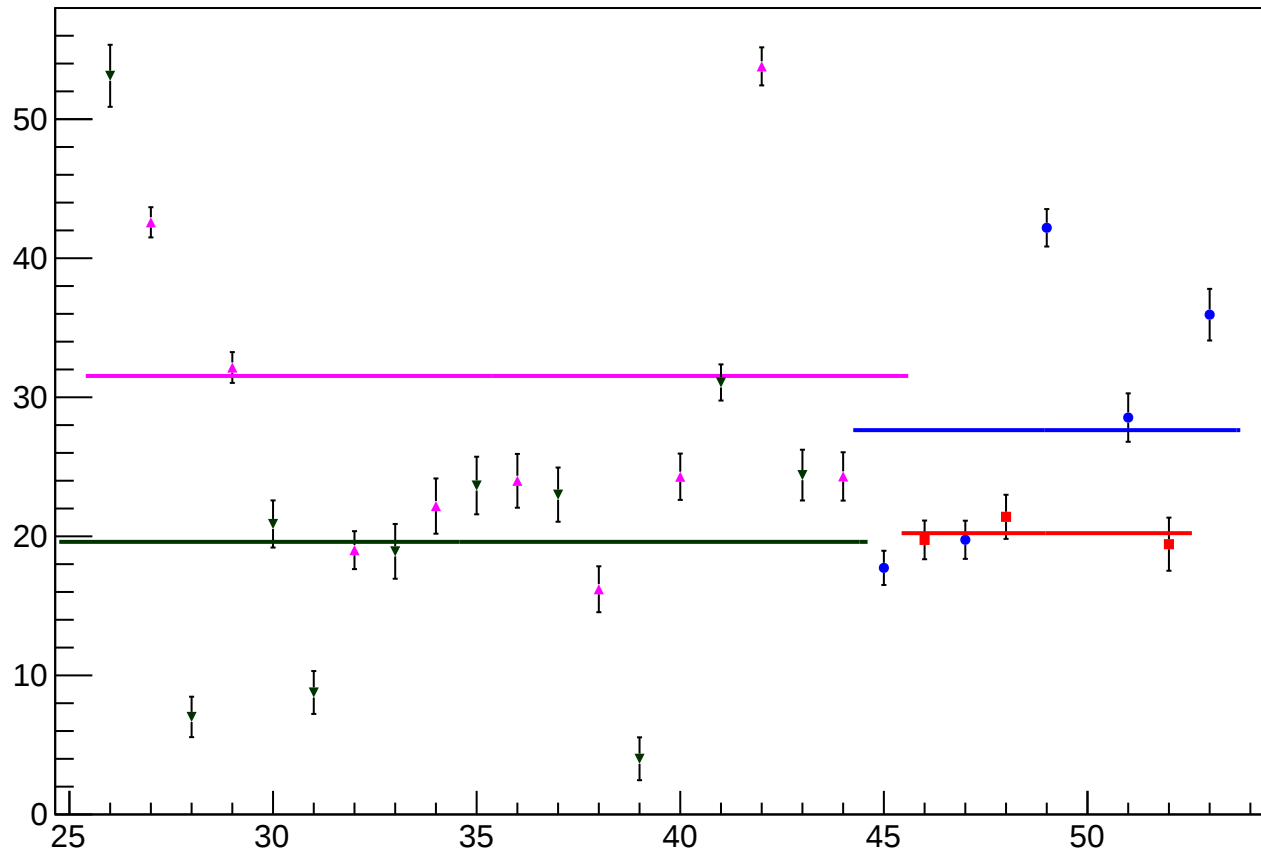
Right Out: -48.932 $\pm$ 1.205 χ^2/NDF : 997.0/2

Left In: -7.188 $\pm$ 0.664 χ^2/NDF : 3435.5/8

-27.983 $\pm$ 0.546 χ^2/NDF : 8061.3/14

-16.908 $\pm$ 0.582 χ^2/NDF : 5352.9/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 27.637 ± 0.651 χ^2/NDF : 234.8/4

Left Out: 19.603 ± 0.534 χ^2/NDF : 544.7/9

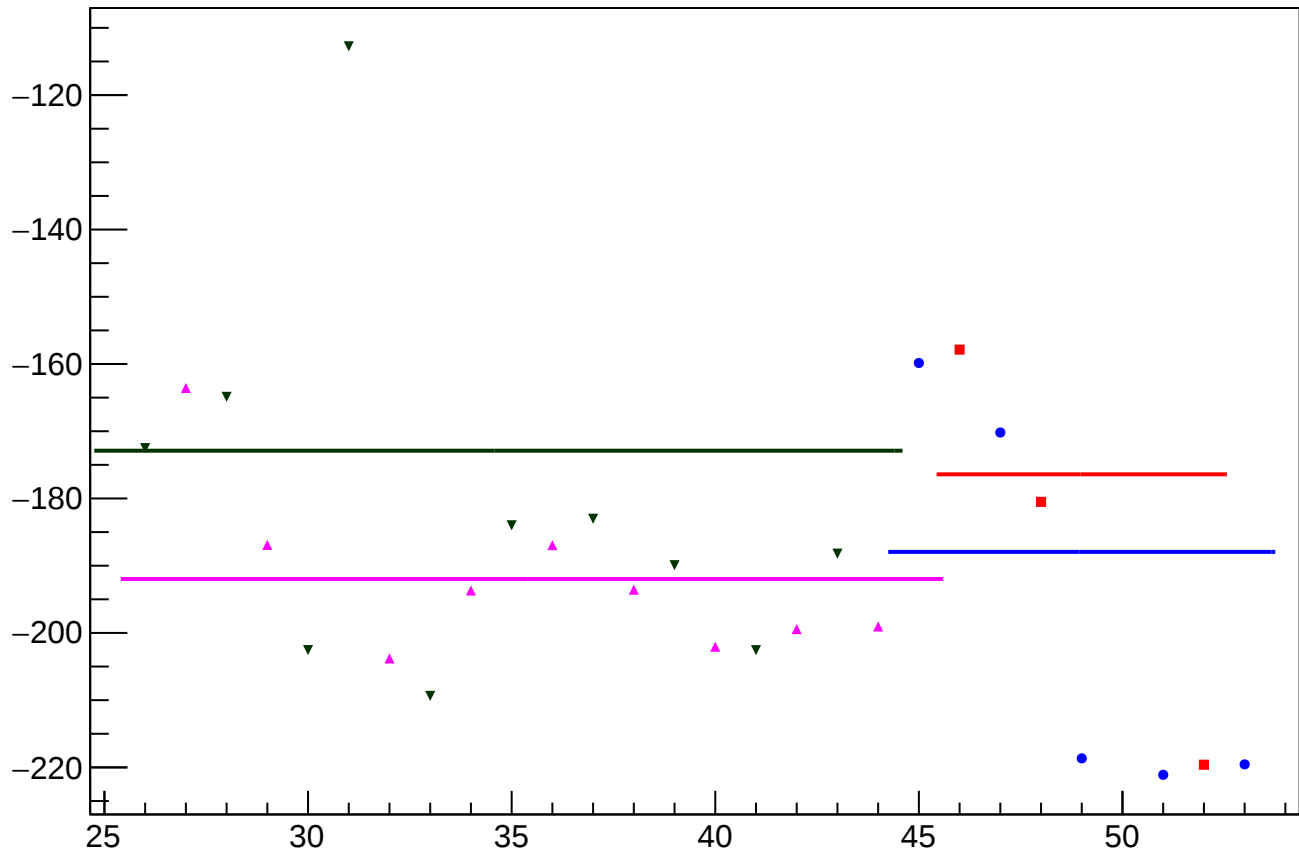
Right Out: 20.229 ± 0.917 χ^2/NDF : 0.8/2

Left In: 31.535 ± 0.482 χ^2/NDF : 612.9/8

22.836 ± 0.413 χ^2/NDF : 870.7/14

29.092 ± 0.426 χ^2/NDF : 732.8/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -187.946+/-0.151 χ^2/NDF : 32975.7/4

Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

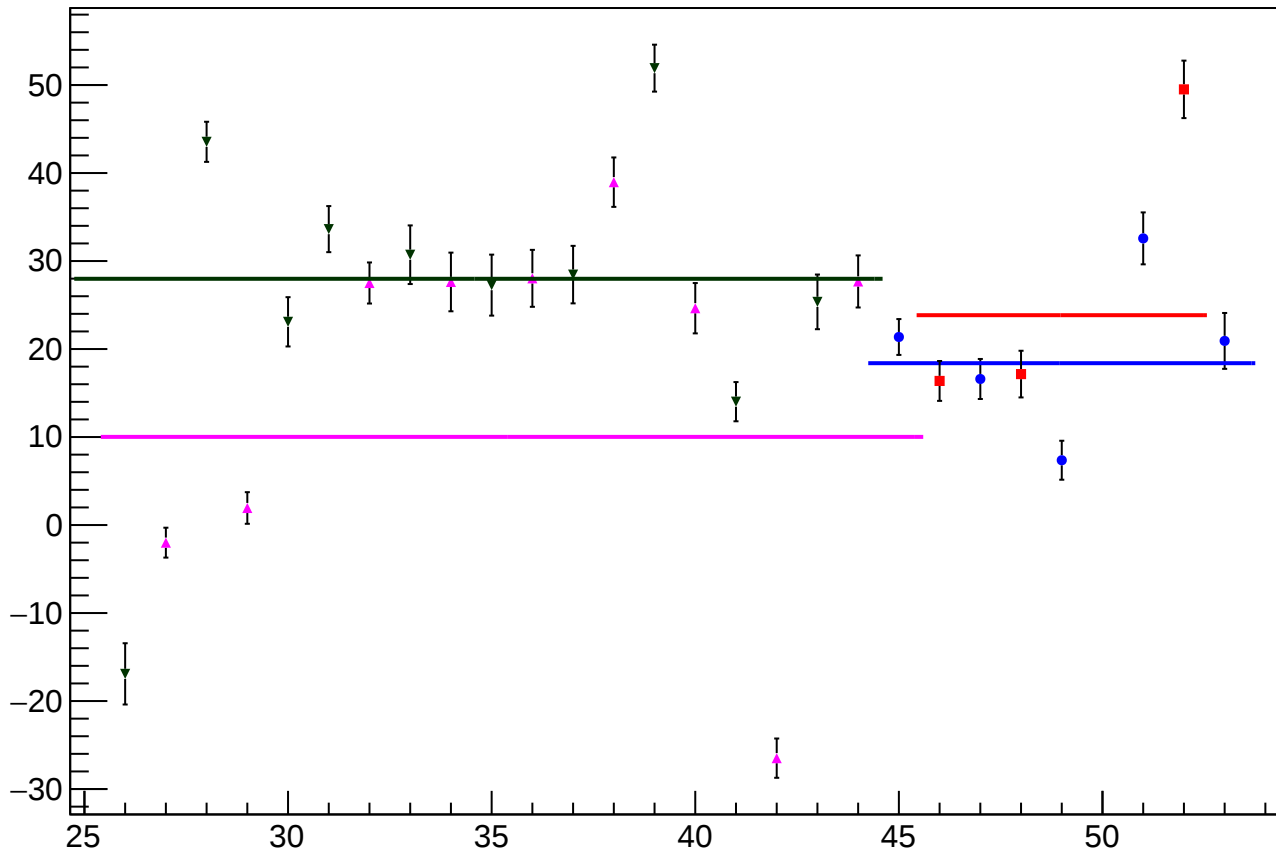
Right Out: -176.408+/-0.198 χ^2/NDF : 12748.4/2

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-178.378+/-0.091 χ^2/NDF : 129616.5/14

-188.084+/-0.099 χ^2/NDF : 29759.6/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 18.392 ± 1.083 $\chi^2/\text{NDF}: 51.3/4$

Left Out: 27.983 ± 0.890 $\chi^2/\text{NDF}: 341.9/9$

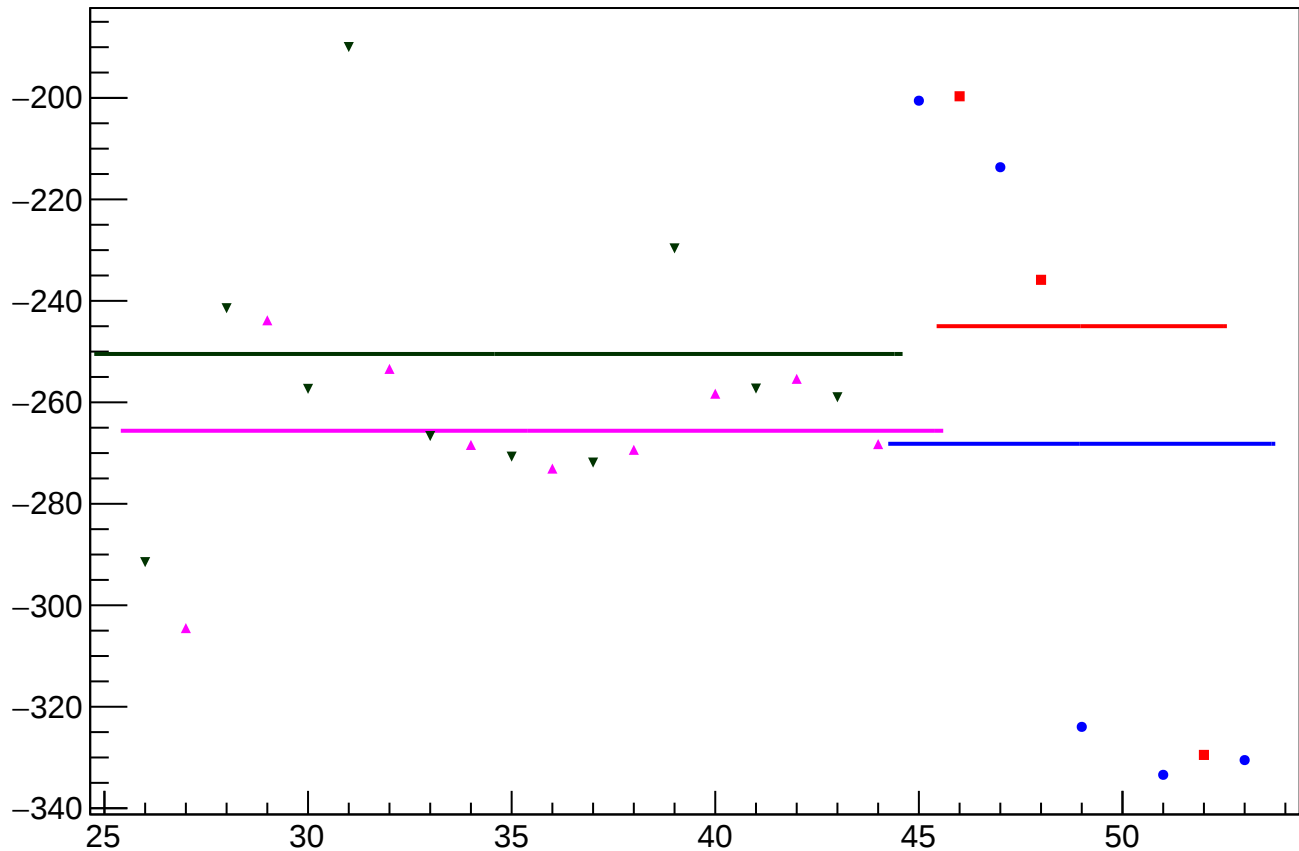
Right Out: 23.846 ± 1.524 $\chi^2/\text{NDF}: 79.0/2$

Left In: 10.018 ± 0.793 $\chi^2/\text{NDF}: 620.8/8$

24.114 ± 0.688 $\chi^2/\text{NDF}: 440.0/14$

12.967 ± 0.704 $\chi^2/\text{NDF}: 764.6/11$

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -268.170+/-0.210 χ^2/NDF : 84209.6/4

Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

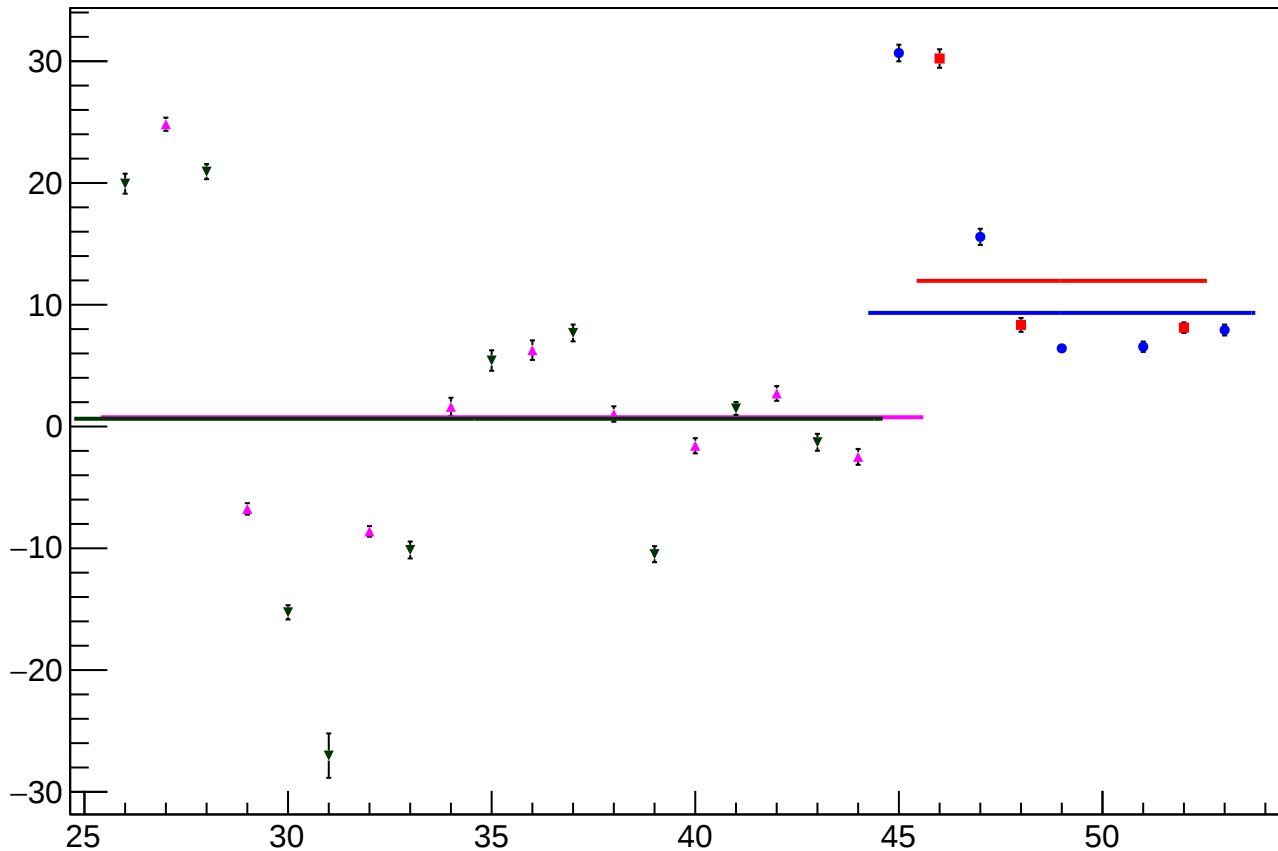
Right Out: -244.991+/-0.287 χ^2/NDF : 32986.4/2

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-257.166+/-0.129 χ^2/NDF : 116749.0/14

-260.335+/-0.145 χ^2/NDF : 48983.9/11

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.333 $\pm$ 0.190 χ^2 /NDF: 1221.4/4

Left Out: 0.639 $\pm$ 0.219 χ^2 /NDF: 3258.0/9

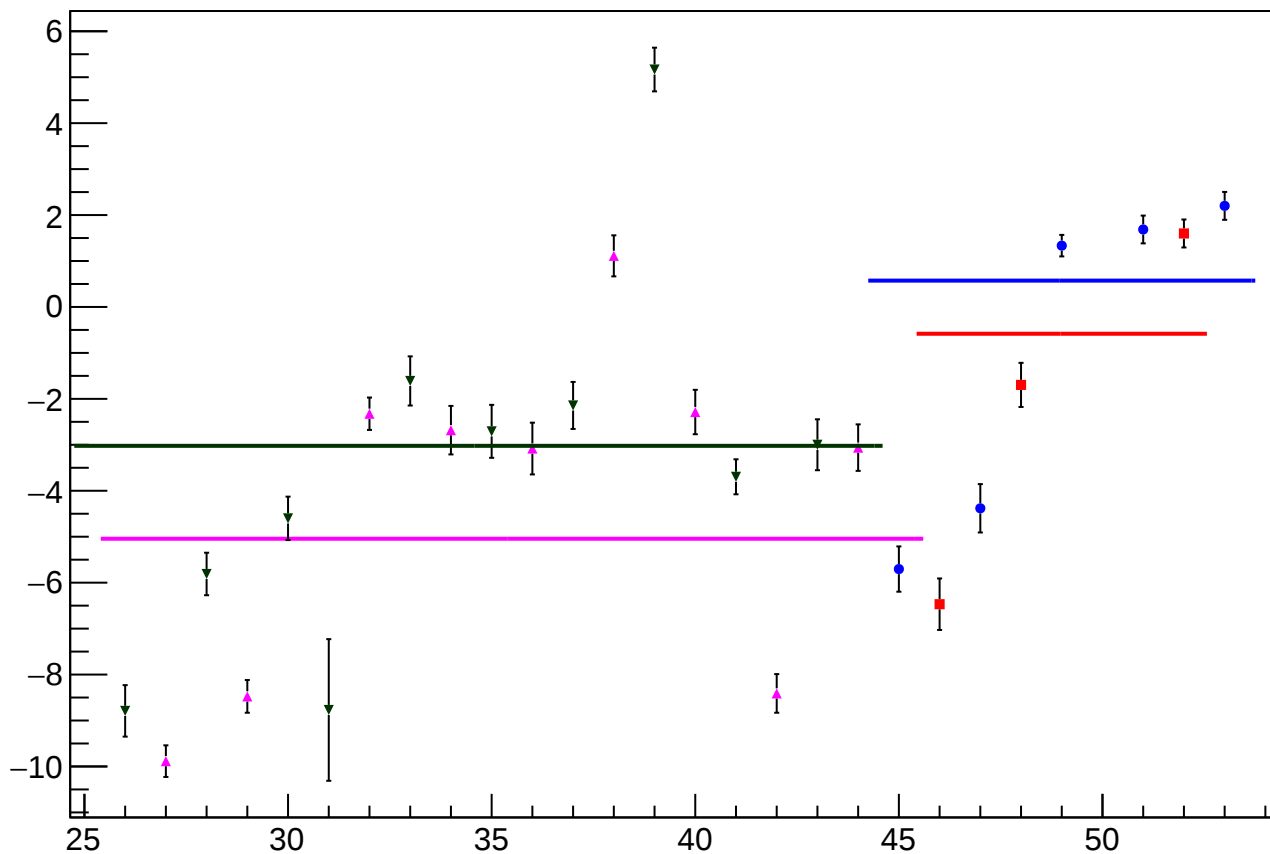
Right Out: 11.964 $\pm$ 0.315 χ^2 /NDF: 693.1/2

Left In: 0.761 $\pm$ 0.193 χ^2 /NDF: 2789.0/8

5.605 $\pm$ 0.144 χ^2 /NDF: 5378.0/14

3.828 $\pm$ 0.165 χ^2 /NDF: 4402.0/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.573+/-0.145 χ^2/NDF : 303.8/4

Left Out: -3.022+/-0.163 χ^2/NDF : 477.3/9

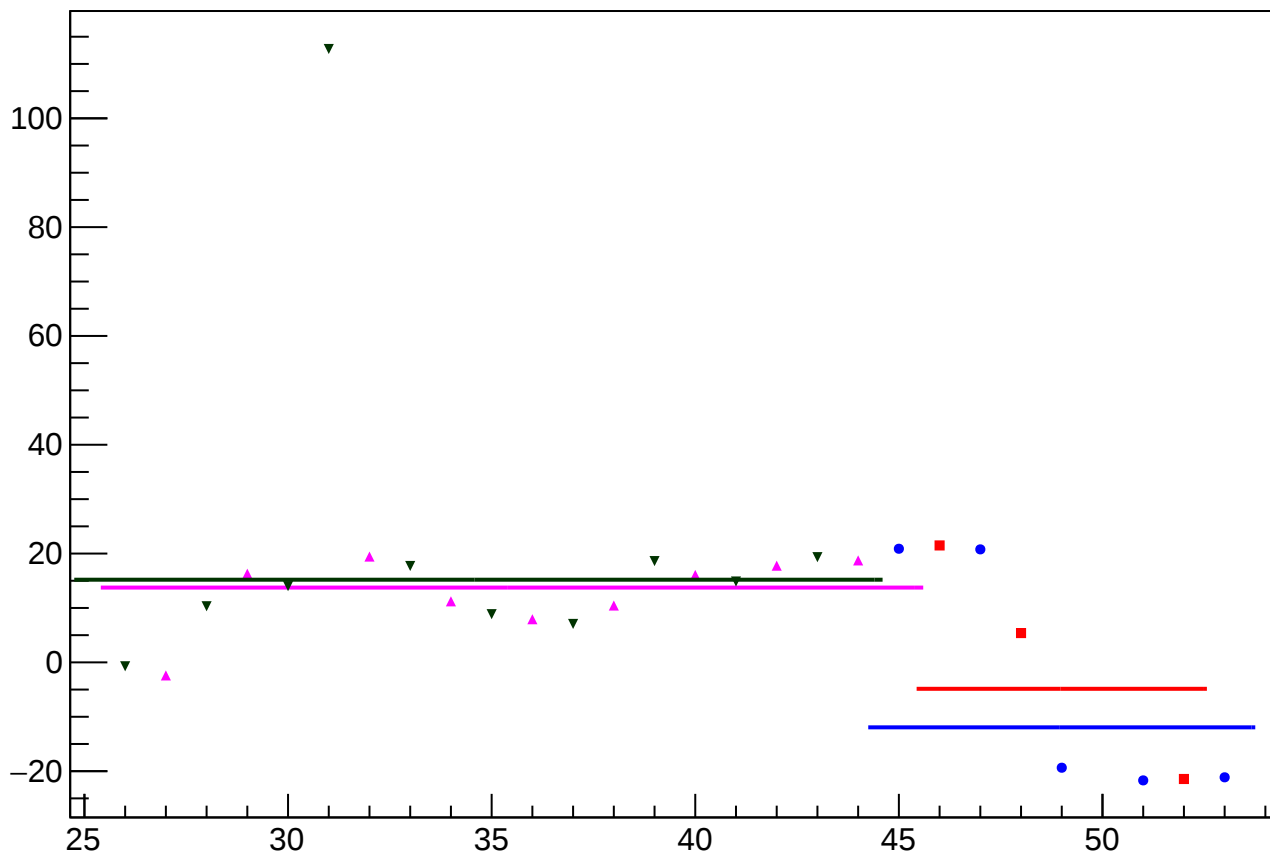
Right Out: -0.583+/-0.234 χ^2/NDF : 167.2/2

Left In: -5.044+/-0.141 χ^2/NDF : 684.5/8

-1.011+/-0.108 χ^2/NDF : 1053.3/14

-3.847+/-0.121 χ^2/NDF : 1118.6/11

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -11.943 ± 0.035 χ^2/NDF : 224483.1/4

Left Out: 15.193 ± 0.036 χ^2/NDF : 187459.6/9

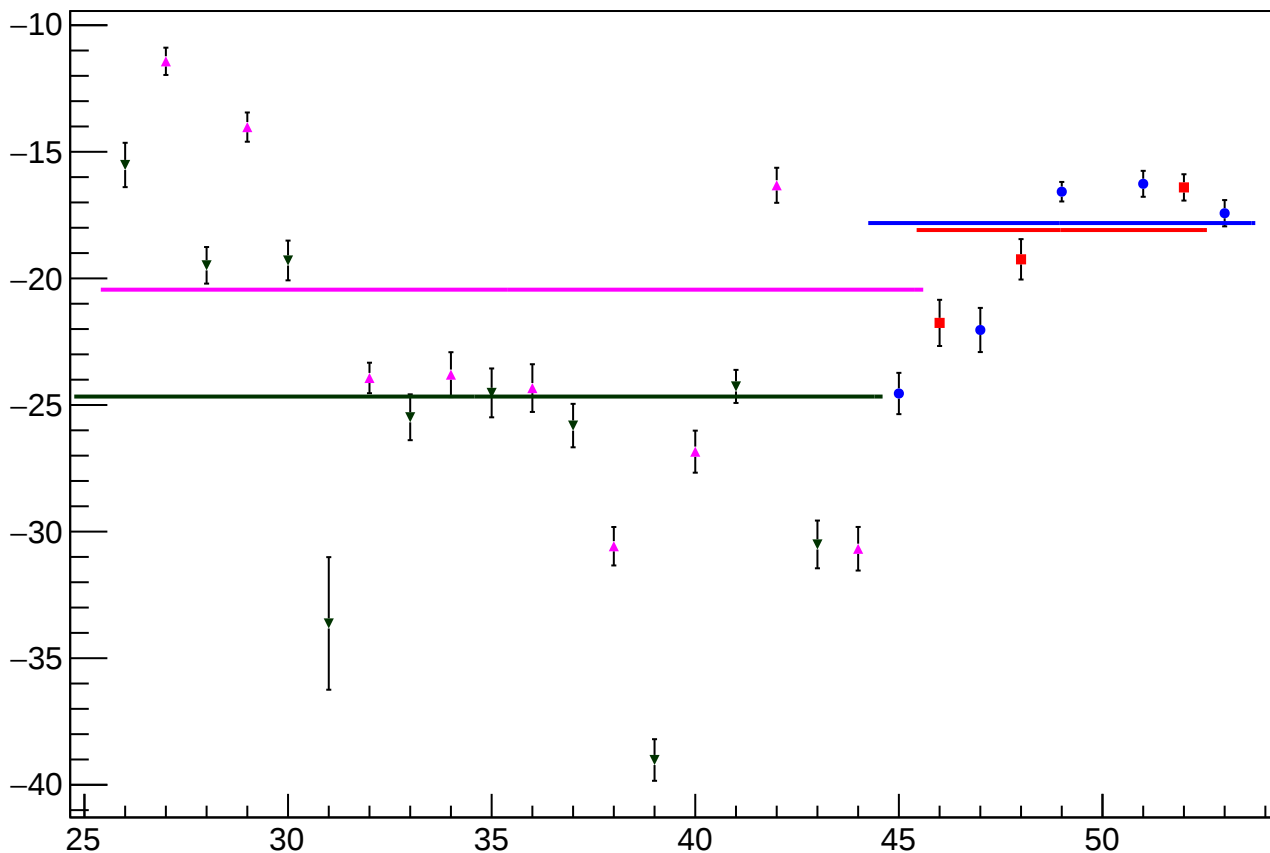
Right Out: -4.860 ± 0.054 χ^2/NDF : 111043.9/2

Left In: 13.747 ± 0.033 χ^2/NDF : 44234.8/8

1.289 ± 0.025 χ^2/NDF : 700482.8/14

8.751 ± 0.028 χ^2/NDF : 242086.7/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -17.814 ± 0.242 $\chi^2/\text{NDF}: 111.6/4$

Left Out: -24.666 ± 0.271 $\chi^2/\text{NDF}: 565.7/9$

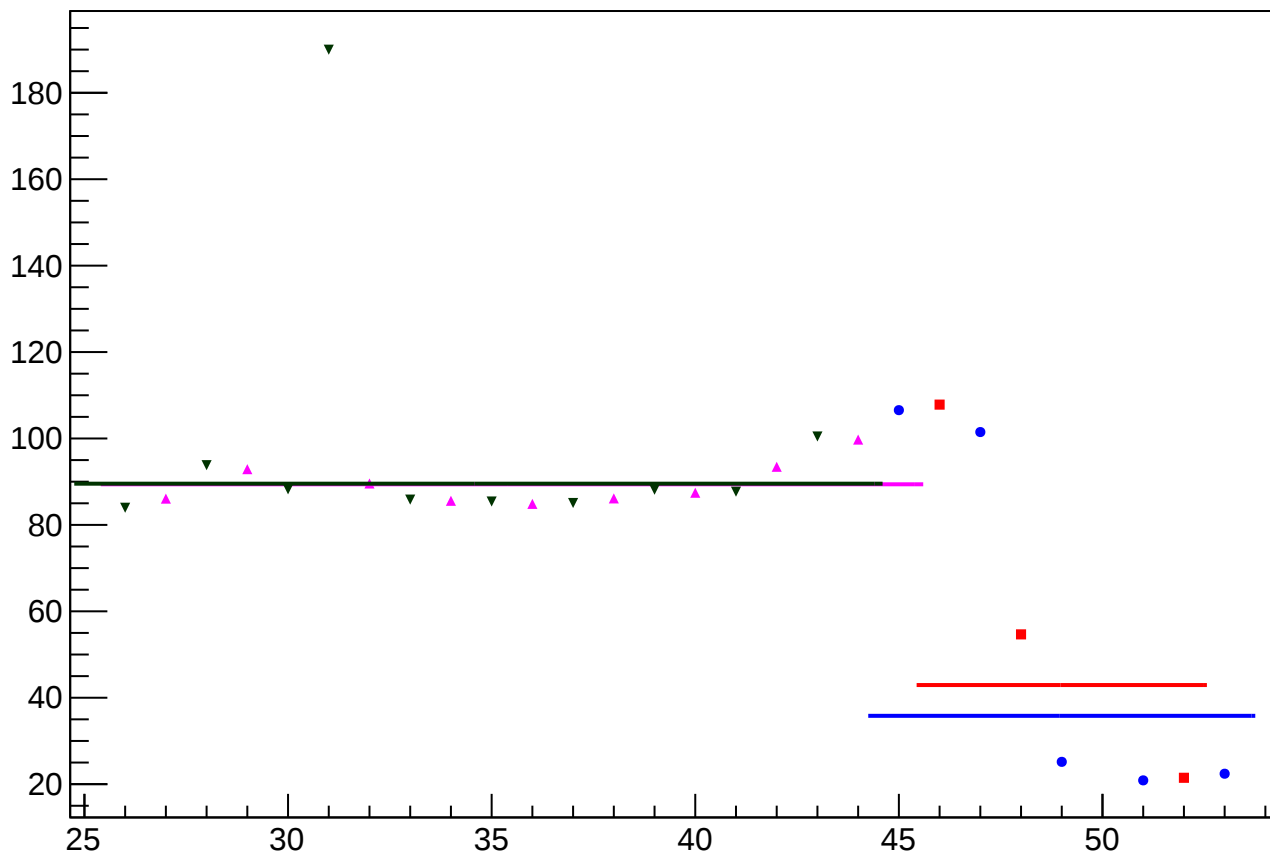
Right Out: -18.090 ± 0.393 $\chi^2/\text{NDF}: 28.8/2$

Left In: -20.445 ± 0.234 $\chi^2/\text{NDF}: 882.4/8$

-20.852 ± 0.181 $\chi^2/\text{NDF}: 1032.7/14$

-19.828 ± 0.201 $\chi^2/\text{NDF}: 937.6/11$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 35.814+/-0.046 χ^2/NDF : 403858.5/4

Left Out: 89.539+/-0.050 χ^2/NDF :54620.6/9

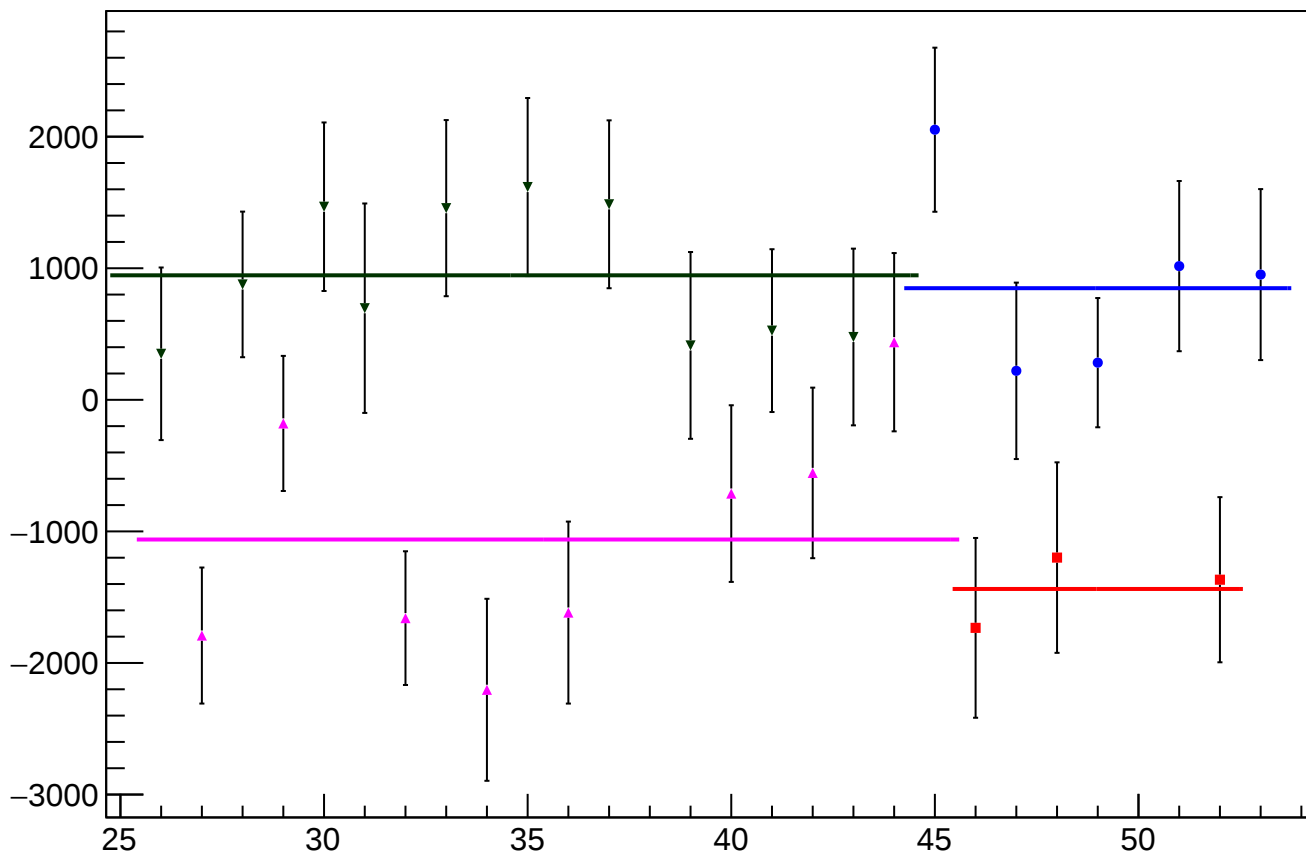
Right Out: 42.938+/-0.069 χ^2/NDF : 195456.2/2

Left In: 89.397+/-0.049 χ^2/NDF :7803.1/8

60.714+/-0.034 χ^2/NDF : 1088976.8/14

73.801+/-0.040 χ^2/NDF : 505453.7/11

reg_asym_atl1_mean vs slug



Right In: 848.490 $\pm$ 270.177 χ^2/NDF : 6.0/4

Left Out: 946.340 $\pm$ 207.194 χ^2/NDF : 5.4/9

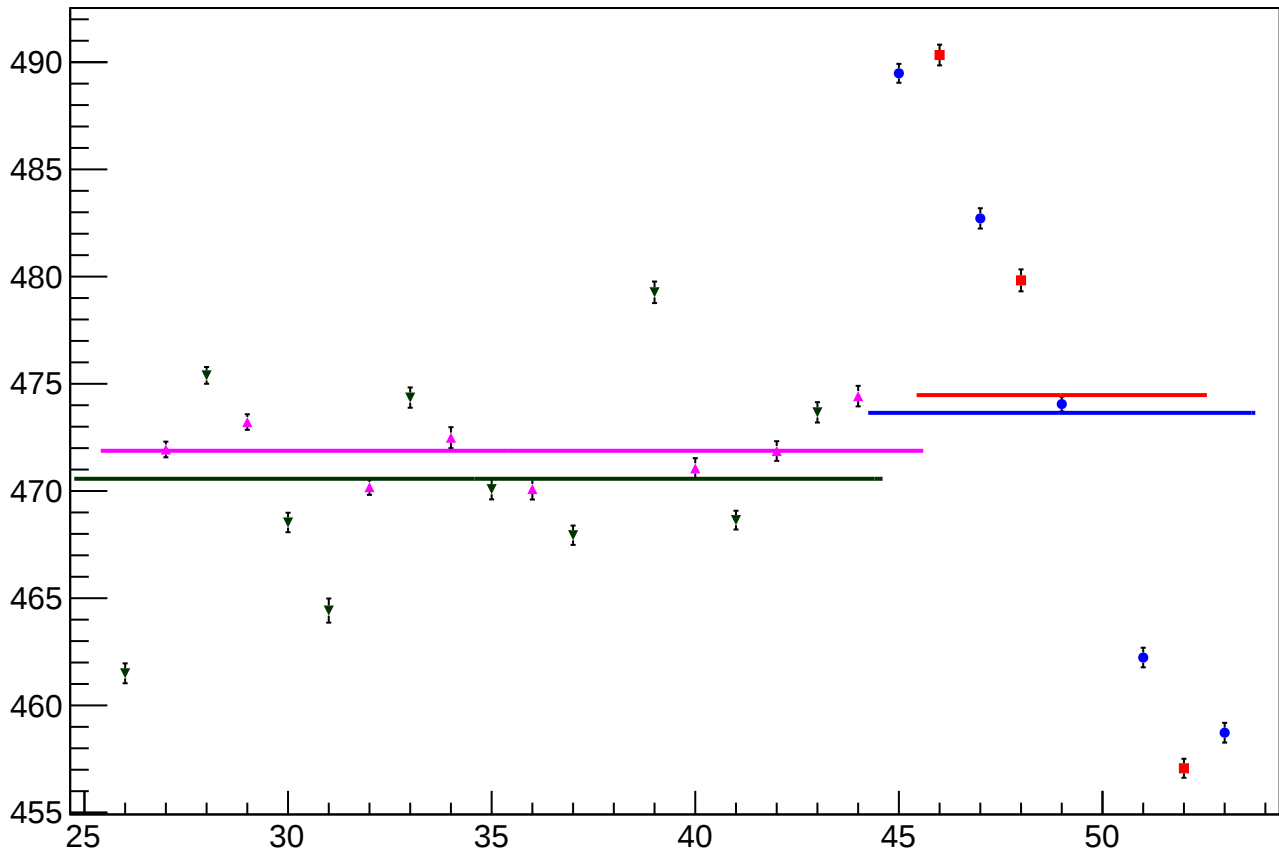
Right Out: -1437.526 $\pm$ 389.601 χ^2/NDF : 0.3/2

Left In: -1061.666 $\pm$ 211.442 χ^2/NDF : 15.5/7

910.104 $\pm$ 164.414 χ^2/NDF : 11.5/14

-1147.183 $\pm$ 185.837 χ^2/NDF : 16.5/10

reg_asym_atl1_rms vs slug



Right In: 473.645 ± 0.191 χ^2/NDF : 3333.9/4

Left Out: 470.570 ± 0.147 χ^2/NDF : 1135.4/9

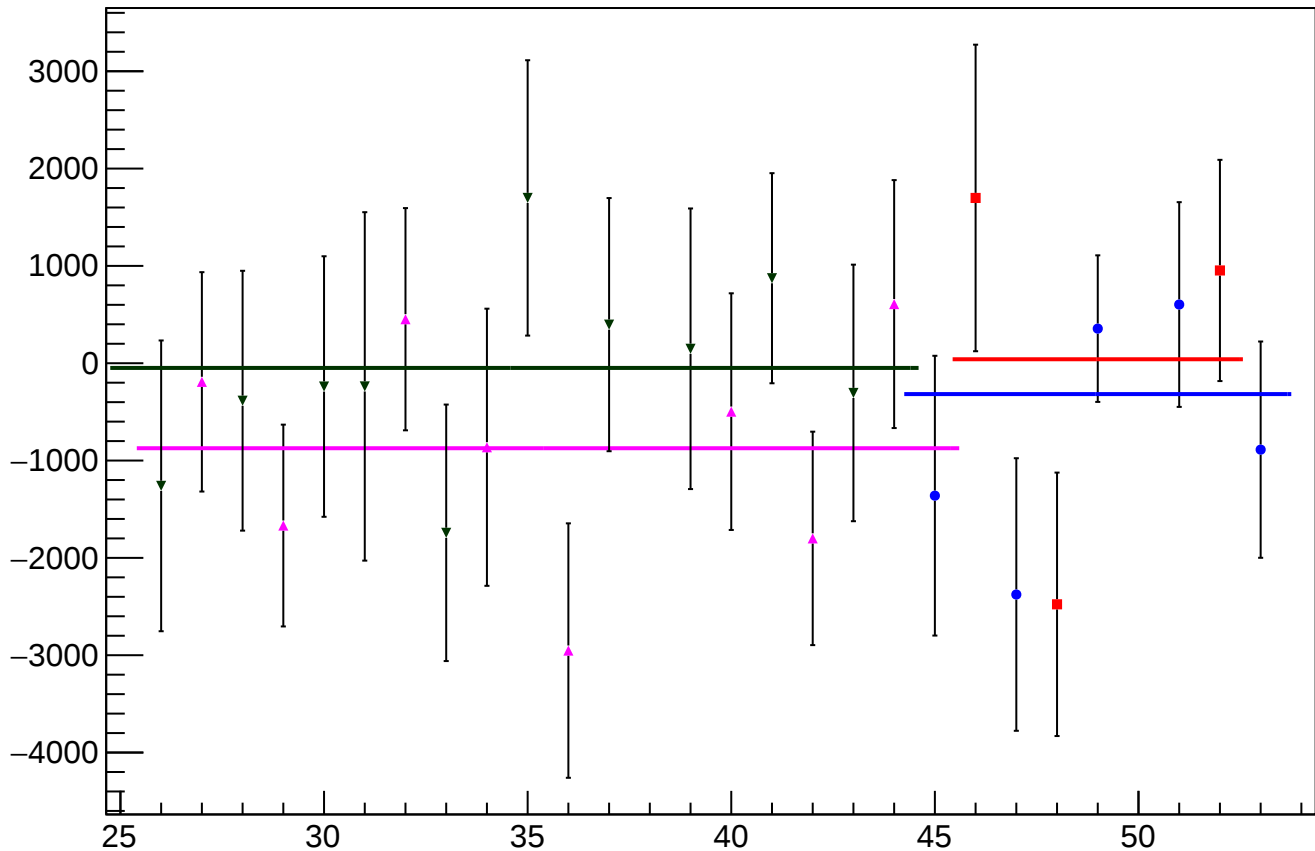
Right Out: 474.473 ± 0.275 χ^2/NDF : 2725.0/2

Left In: 471.876 ± 0.150 χ^2/NDF : 82.1/7

471.709 ± 0.116 χ^2/NDF : 4632.5/14

472.467 ± 0.131 χ^2/NDF : 2875.7/10

asym_atl1_correction_mean vs slug



Right In: -317.082+/-472.893 χ^2/NDF : 4.5/4

Left Out: -48.293+/-427.890 χ^2/NDF : 4.8/9

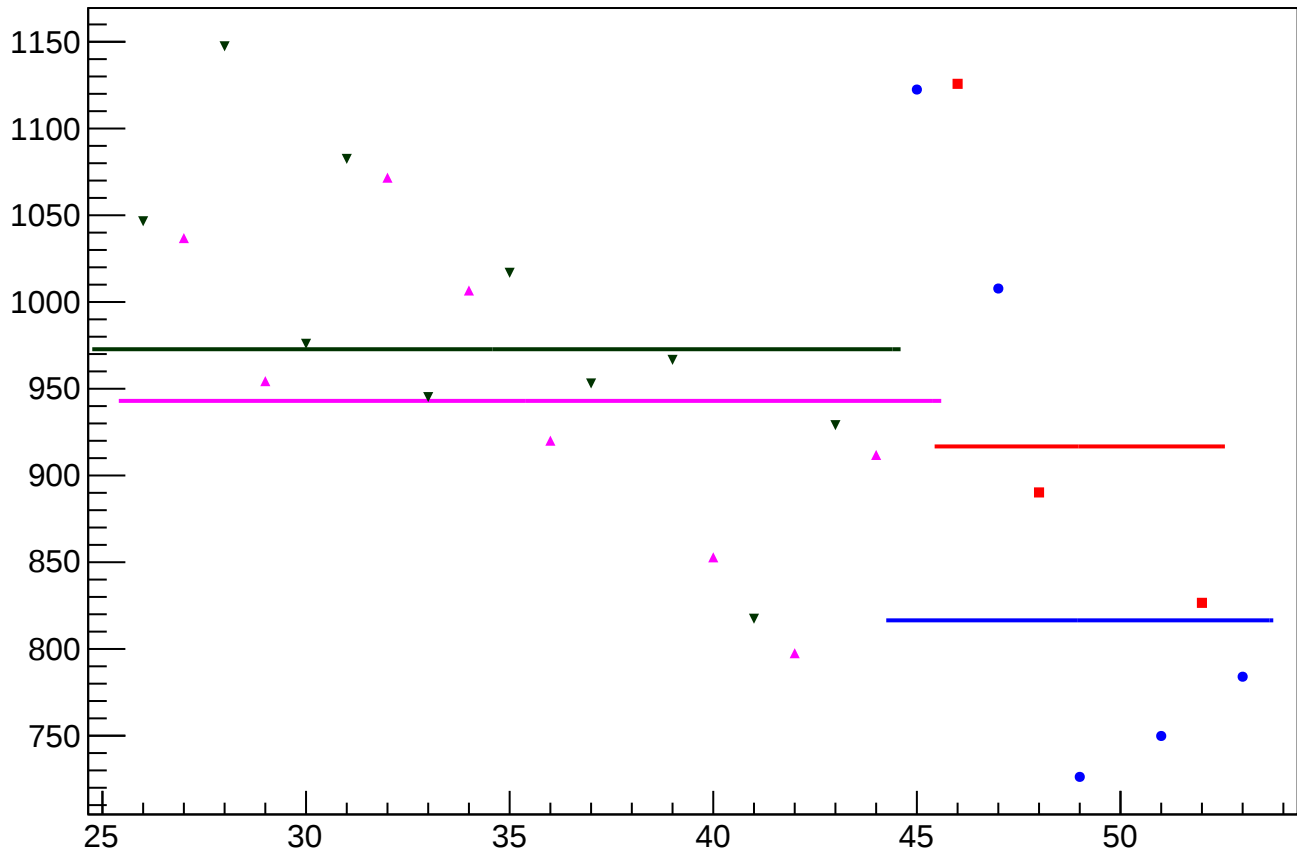
-169.292+/-317.284 χ^2/NDF : 9.5/14

Right Out: 40.758+/-761.743 χ^2/NDF : 5.2/2

-660.823+/-367.326 χ^2/NDF : 13.3/10

Left In: -873.395+/-419.297 χ^2/NDF : 7.0/7

asym_atl1_correction_rms vs slug



Right In: 816.497 ± 0.334 χ^2/NDF : 166416.0/4

Left Out: 972.778 ± 0.303 χ^2/NDF : 93572.5/9

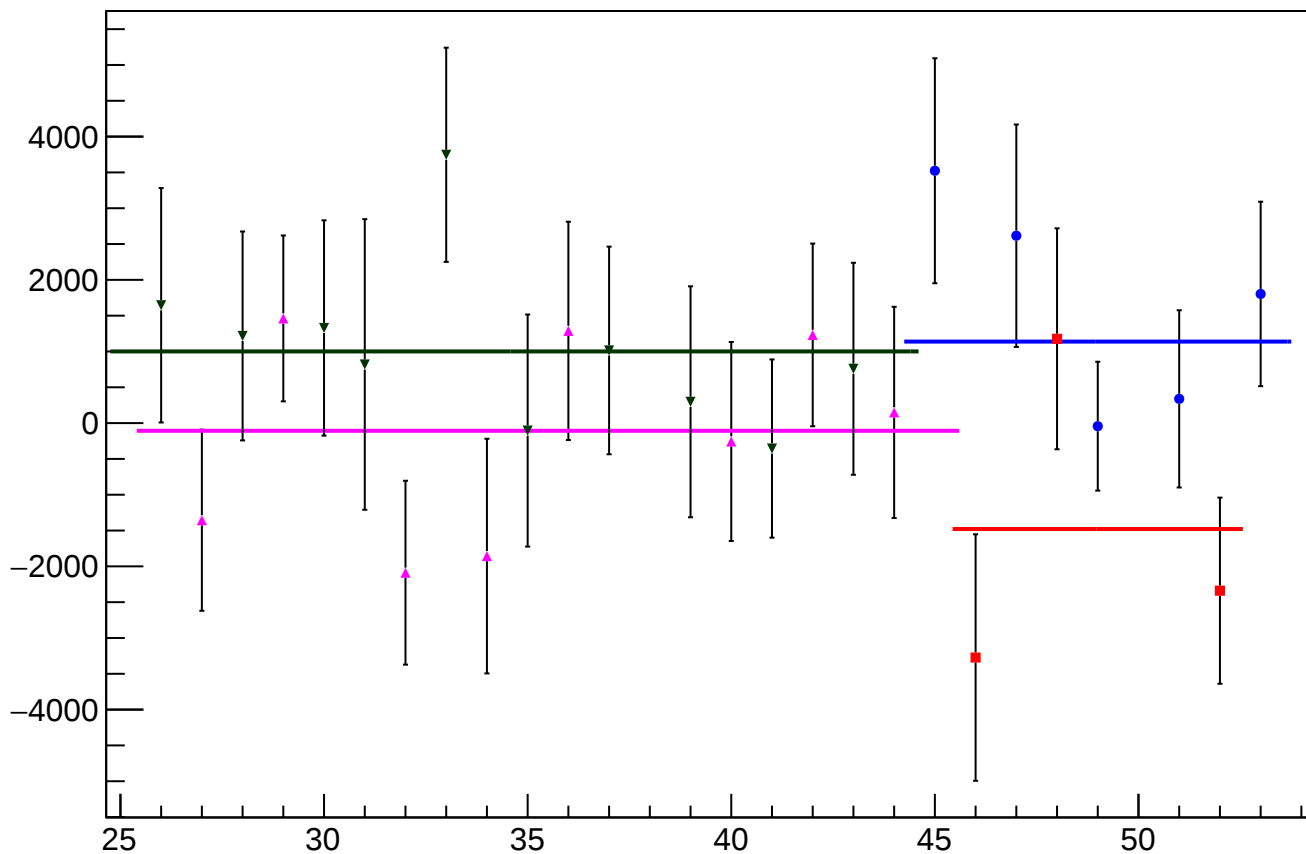
Right Out: 916.744 ± 0.539 χ^2/NDF : 48583.6/2

Left In: 943.004 ± 0.296 χ^2/NDF : 91510.1/7

902.425 ± 0.224 χ^2/NDF : 380090.3/14

936.898 ± 0.260 χ^2/NDF : 141918.0/10

asym_atl1_mean vs slug



Right In: 1138.025+/-549.511 χ^2/NDF : 5.6/4

Left Out: 1000.567+/-481.078 χ^2/NDF : 5.5/9

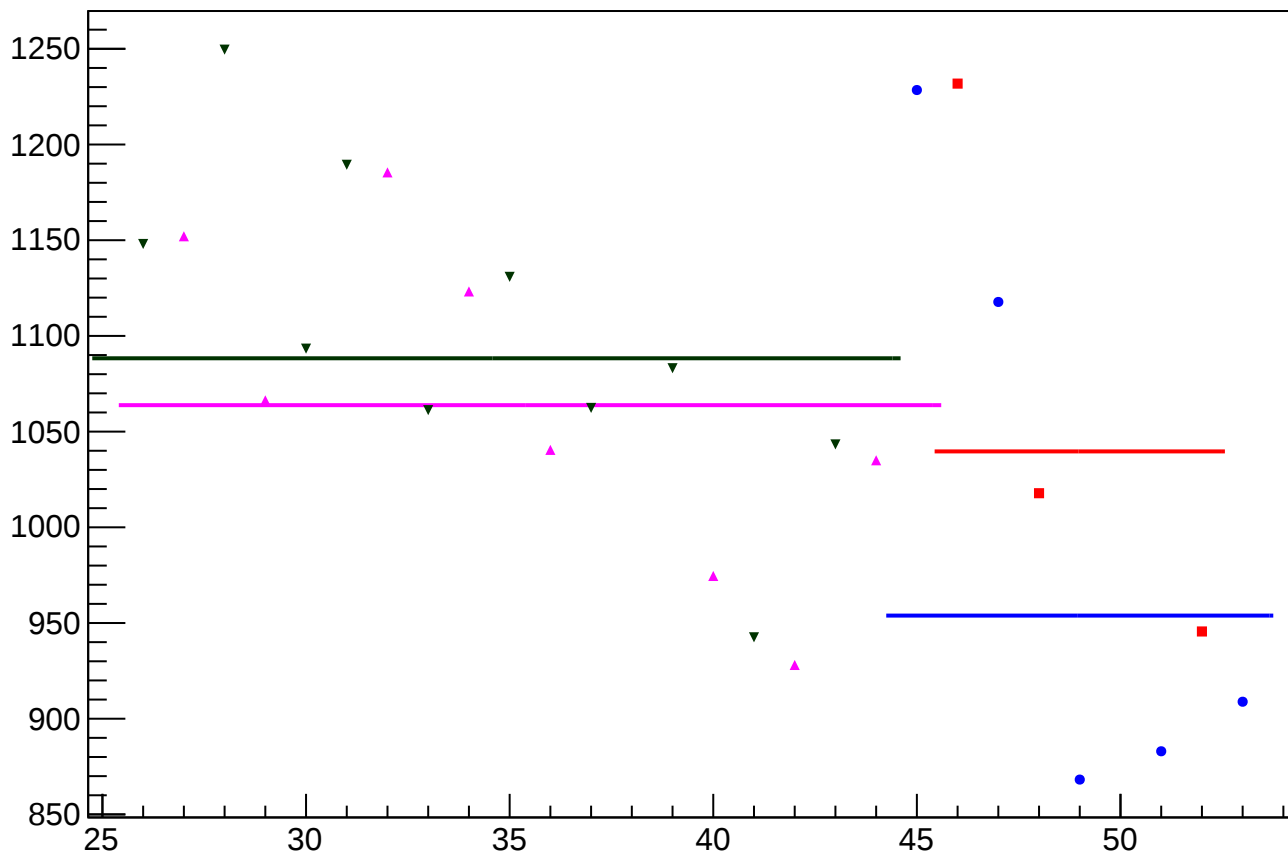
Right Out: -1478.539+/-860.610 χ^2/NDF : 4.5/2

Left In: -107.491+/-478.124 χ^2/NDF : 8.3/7

1060.209+/-361.965 χ^2/NDF : 11.1/14

-430.859+/-417.954 χ^2/NDF : 14.7/10

asym_atl1_rms vs slug



Right In: 953.880+/-0.389 χ^2/NDF : 110553.2/4

Left Out: 1088.314+/-0.340 χ^2/NDF : 64102.3/9

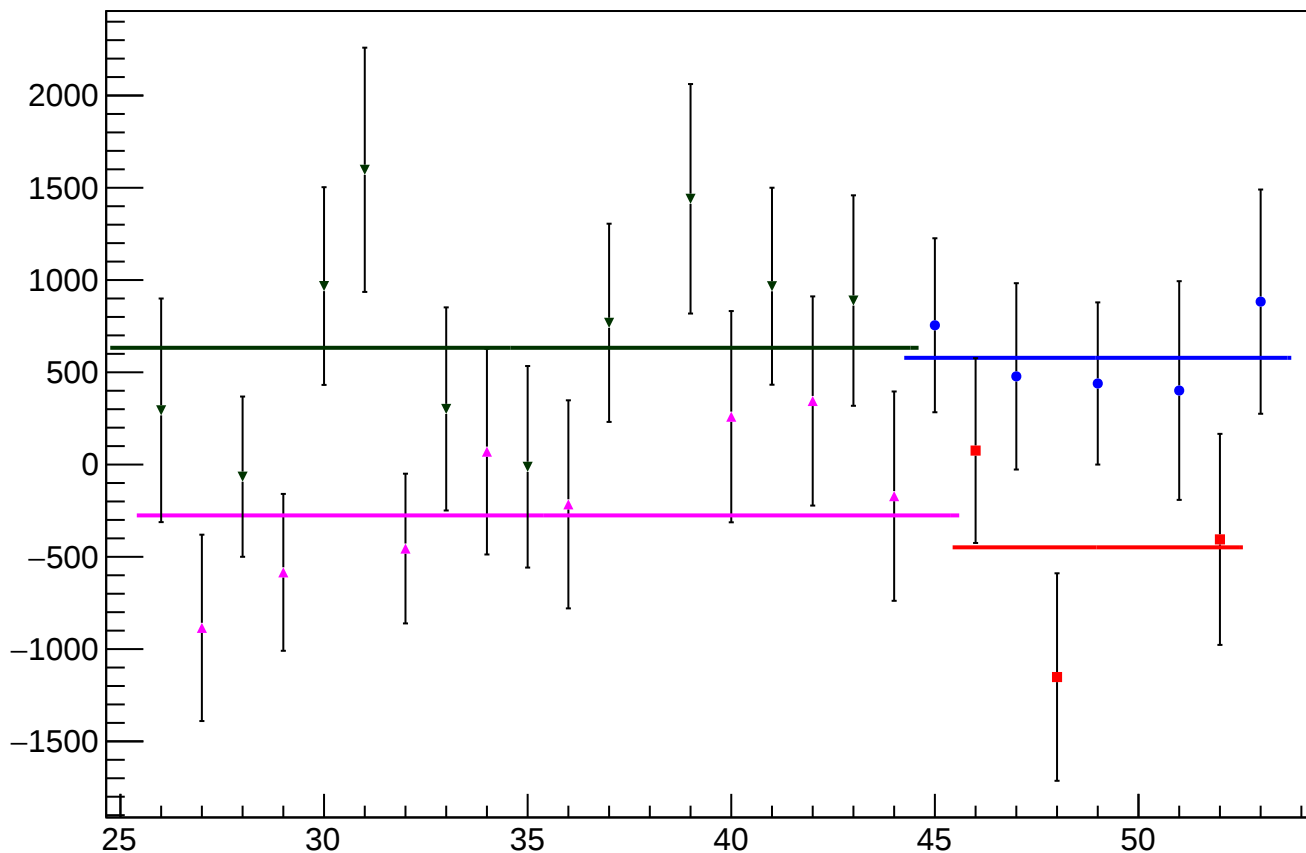
Right Out: 1039.659+/-0.609 χ^2/NDF : 35824.2/2

Left In: 1063.822+/-0.338 χ^2/NDF : 62470.9/7

1029.985+/-0.256 χ^2/NDF : 242419.6/14

1058.123+/-0.296 χ^2/NDF : 99499.7/10

reg_asym_atl2_mean vs slug



Right In: 578.446 $\pm$ 228.483 χ^2 /NDF: 0.6/4

Left Out: 632.818 $\pm$ 173.856 χ^2 /NDF:9.5/9

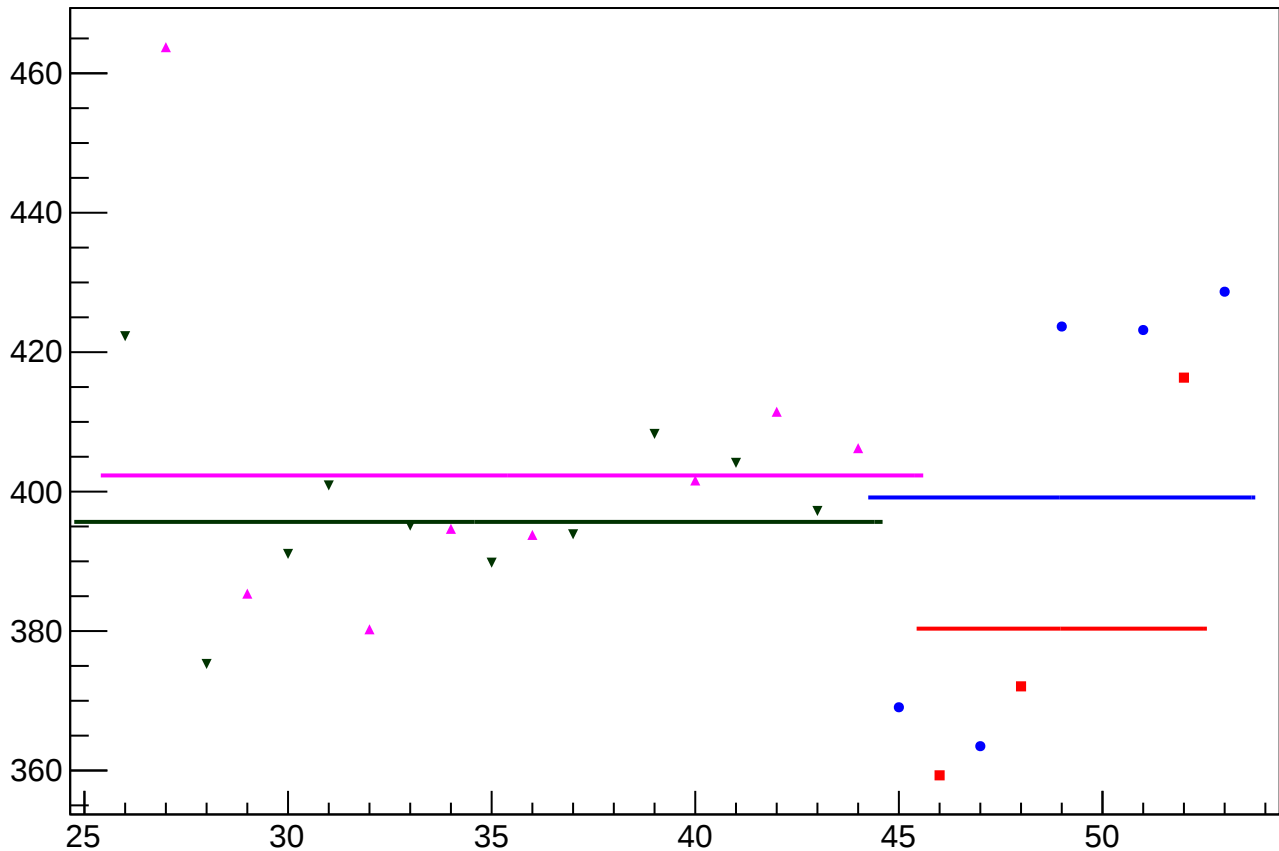
Right Out: -448.570 $\pm$ 312.969 χ^2 /NDF: 2.7/2

Left In: -275.571 $\pm$ 179.114 χ^2 /NDF:4.7/7

612.881 $\pm$ 138.357 χ^2 /NDF: 10.2/14

-318.254 $\pm$ 155.456 χ^2 /NDF: 7.6/10

reg_asym_atl2_rms vs slug



Right In: 399.161+/-0.162 χ^2/NDF : 32359.4/4

Left Out: 395.658+/-0.123 χ^2/NDF :10135.9/9

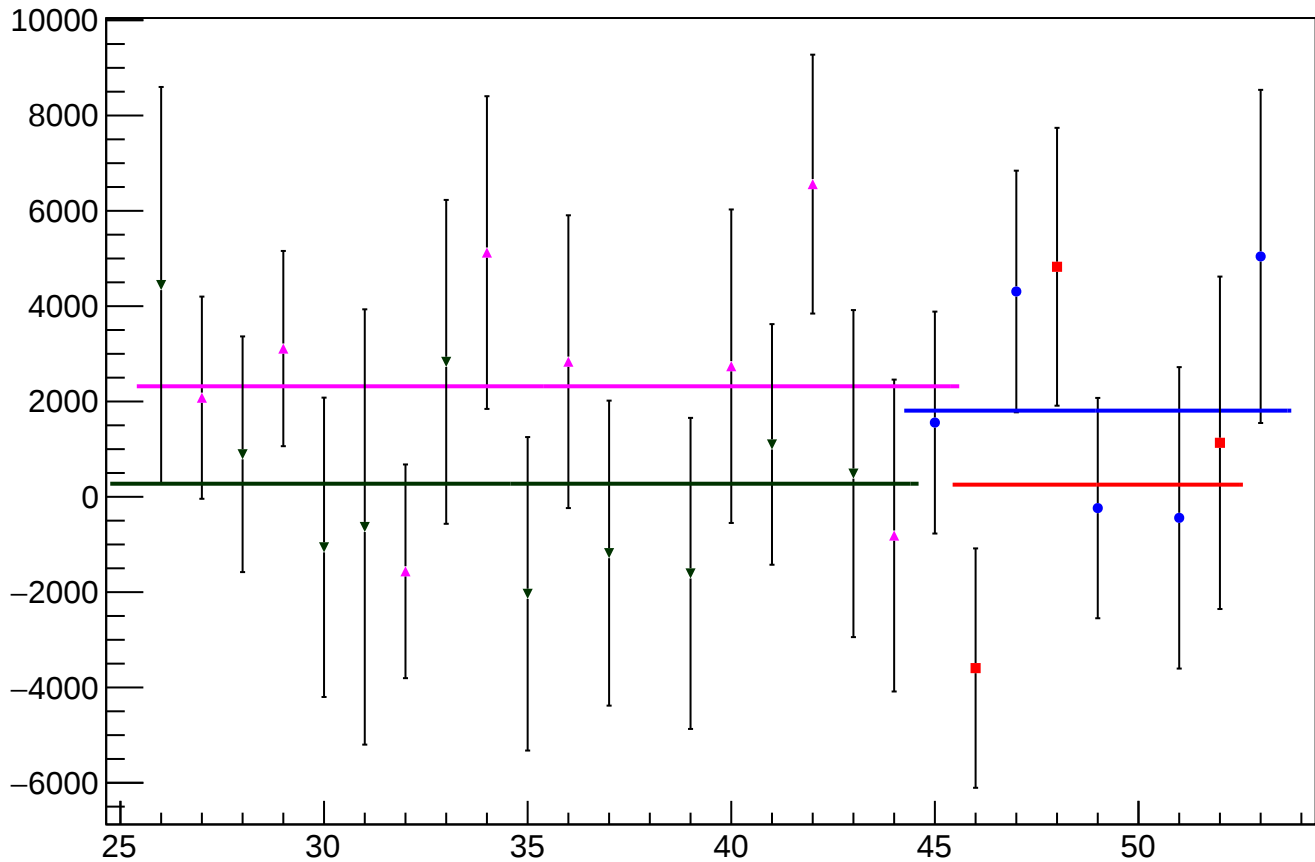
Right Out: 380.347+/-0.221 χ^2/NDF : 11891.5/2

Left In: 402.320+/-0.127 χ^2/NDF :40146.6/7

396.943+/-0.098 χ^2/NDF : 42793.1/14

396.898+/-0.110 χ^2/NDF : 59464.4/10

asym_atl2_correction_mean vs slug



Right In: 1808.190 $\pm$ 1187.462 χ^2 /NDF: 3.1/4

Left Out: 274.802 $\pm$ 1008.389 χ^2 /NDF:3.0/9

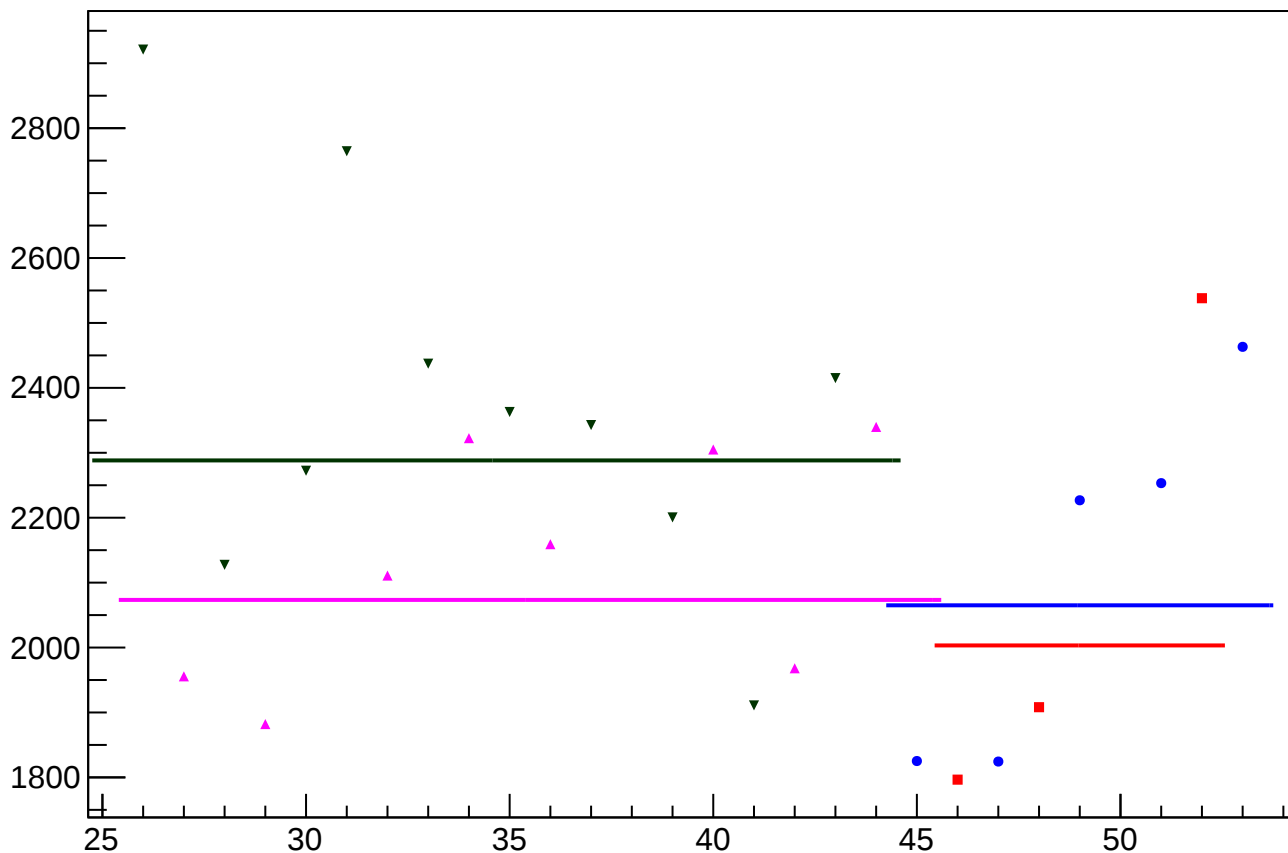
Right Out: 255.139 $\pm$ 1670.155 χ^2 /NDF: 4.9/2

Left In: 2318.997 $\pm$ 920.578 χ^2 /NDF:7.3/7

917.273 $\pm$ 768.636 χ^2 /NDF: 7.1/14

1838.078 $\pm$ 806.218 χ^2 /NDF: 13.3/10

asym_atl2_correction_rms vs slug



Right In: 2065.062+/-0.840 χ^2/NDF : 82091.1/4

Left Out: 2288.236+/-0.713 χ^2/NDF : 130972.3/9

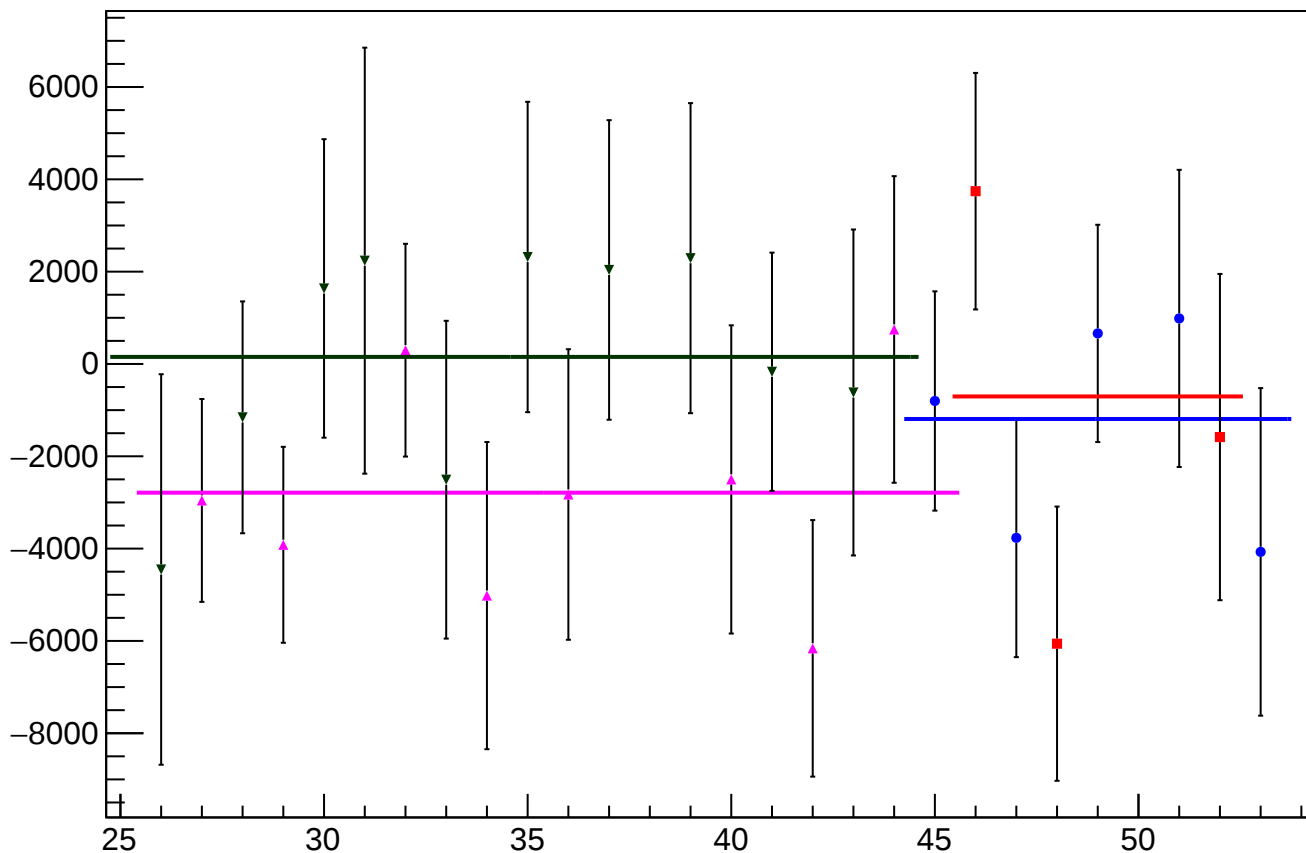
Right Out: 2003.259+/-1.181 χ^2/NDF : 62724.6/2

Left In: 2073.380+/-0.651 χ^2/NDF : 63452.8/7

2194.729+/-0.544 χ^2/NDF : 254108.9/14

2057.041+/-0.570 χ^2/NDF : 128881.3/10

asym_atl2_mean vs slug



Right In: -1191.802 ± 1209.748 $\chi^2/\text{NDF}: 2.8/4$

Left Out: 153.091 ± 1029.303 $\chi^2/\text{NDF}: 3.7/9$

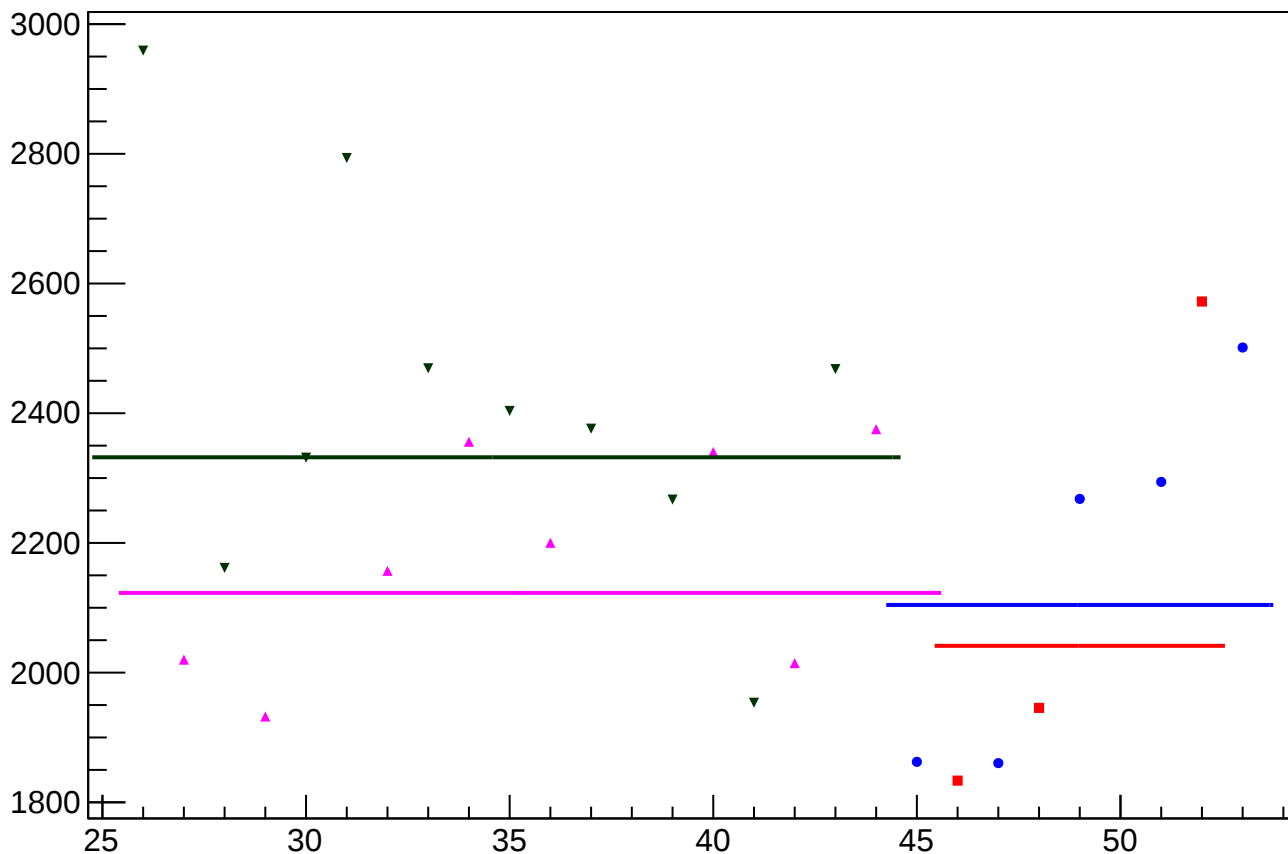
Right Out: -703.707 ± 1700.753 $\chi^2/\text{NDF}: 6.3/2$

Left In: -2788.434 ± 945.564 $\chi^2/\text{NDF}: 5.1/7$

-411.670 ± 783.941 $\chi^2/\text{NDF}: 7.2/14$

-2296.195 ± 826.427 $\chi^2/\text{NDF}: 12.6/10$

asym_atl2_rms vs slug



Right In: 2104.336+/-0.855 χ^2/NDF : 80178.6/4

Left Out: 2332.054+/-0.728 χ^2/NDF :124387.7/9

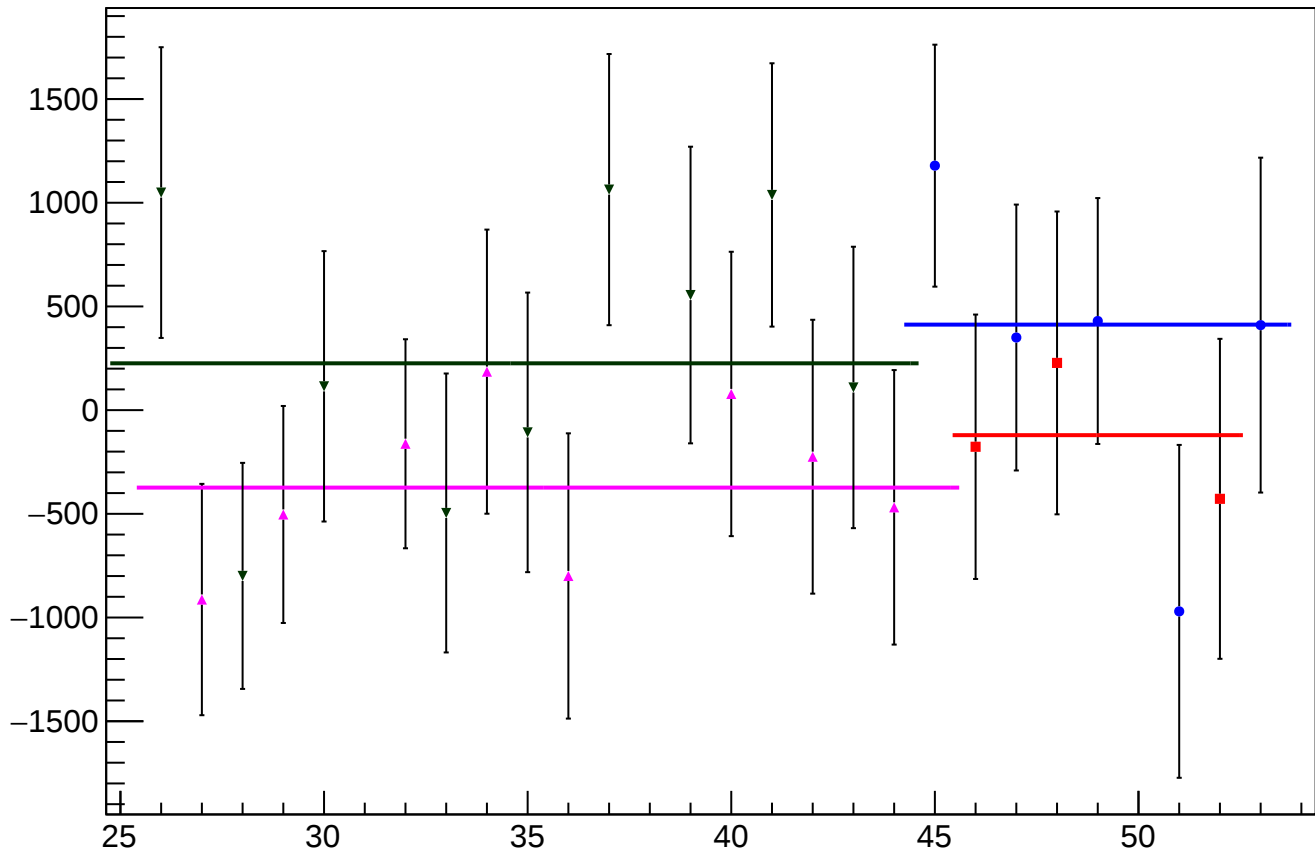
Right Out: 2041.317+/-1.203 χ^2/NDF : 60380.1/2

Left In: 2122.937+/-0.669 χ^2/NDF :55033.1/7

2236.428+/-0.554 χ^2/NDF : 245673.6/14

2103.665+/-0.584 χ^2/NDF : 118931.7/10

reg_asym_atr1_mean vs slug



Right In: 412.326+/-297.430 χ^2/NDF : 4.7/4

Left Out: 225.737+/-217.621 χ^2/NDF : 9.9/8

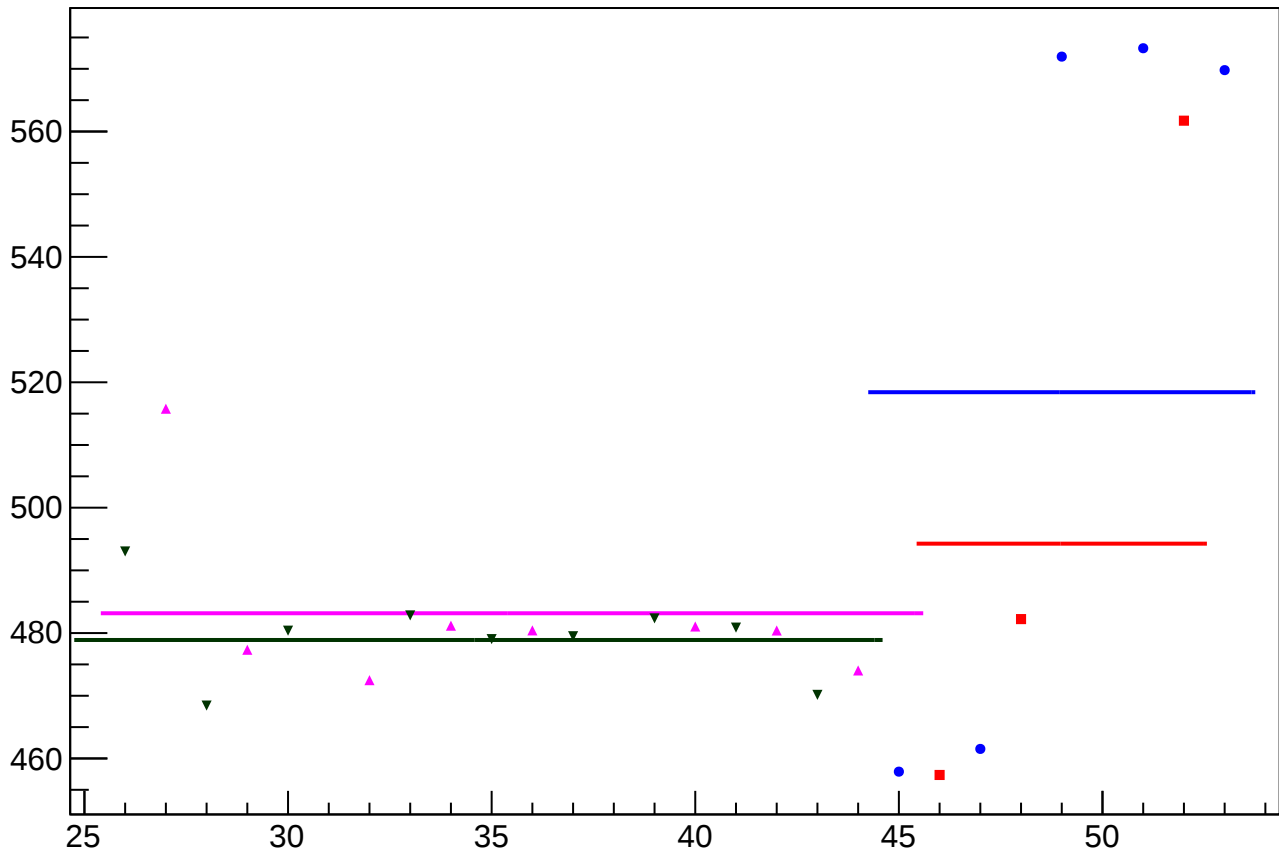
Right Out: -120.674+/-407.659 χ^2/NDF : 0.4/2

Left In: -373.555+/-214.394 χ^2/NDF : 2.7/7

290.797+/-175.630 χ^2/NDF : 14.8/13

-318.766+/-189.752 χ^2/NDF : 3.4/10

reg_asym_atr1_rms vs slug



Right In: 518.419 $\pm$ 0.210 χ^2 /NDF: 71032.5/4

Left Out: 478.896 $\pm$ 0.154 χ^2 /NDF:2027.3/8

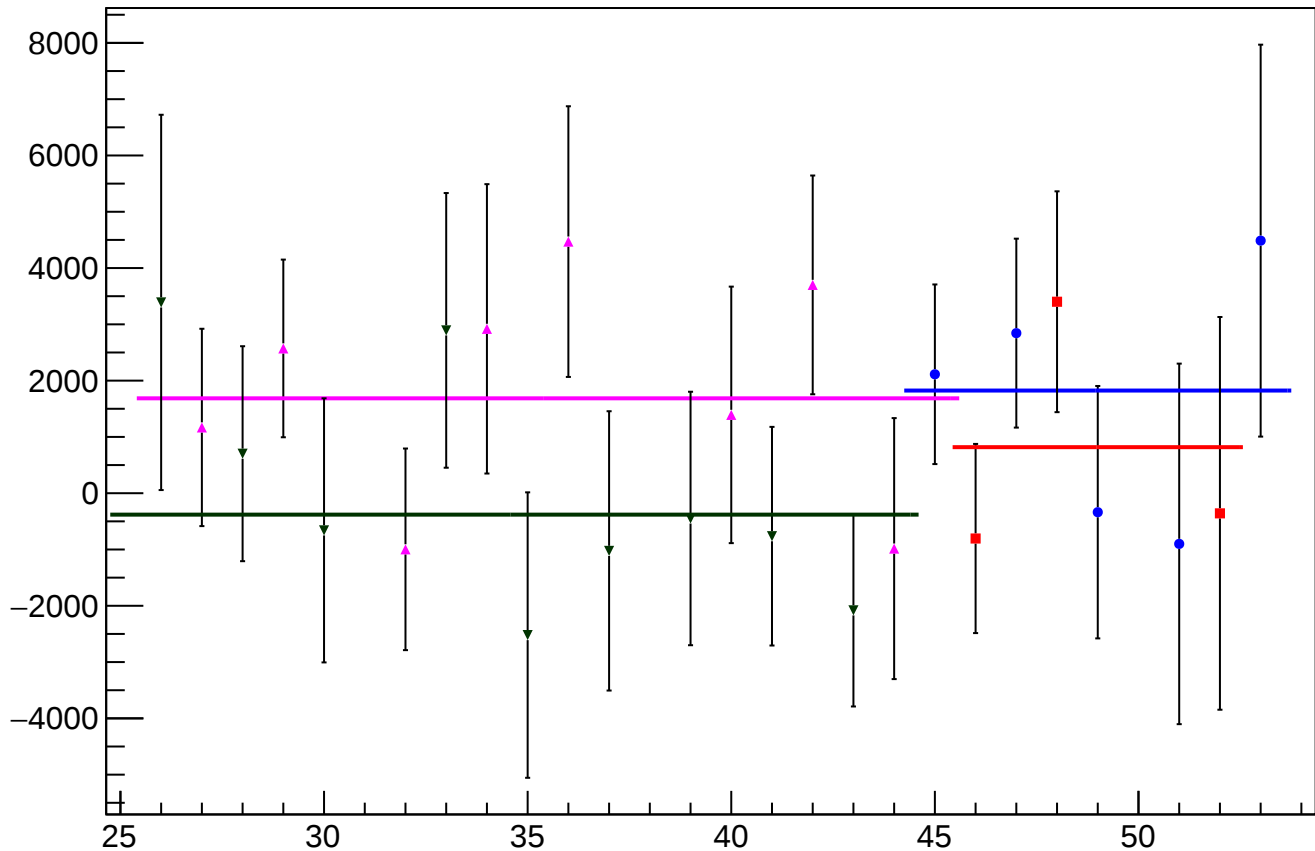
492.677 $\pm$ 0.124 χ^2 /NDF: 96060.4/13

Right Out: 494.260 $\pm$ 0.288 χ^2 /NDF: 22540.5/2

485.565 $\pm$ 0.134 χ^2 /NDF: 32172.6/10

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF:8470.4/7

asym_atr1_correction_mean vs slug



Right In: 1823.819+/-942.075 χ^2/NDF : 2.6/4

Left Out: -380.627+/-737.802 χ^2/NDF : 5.2/8

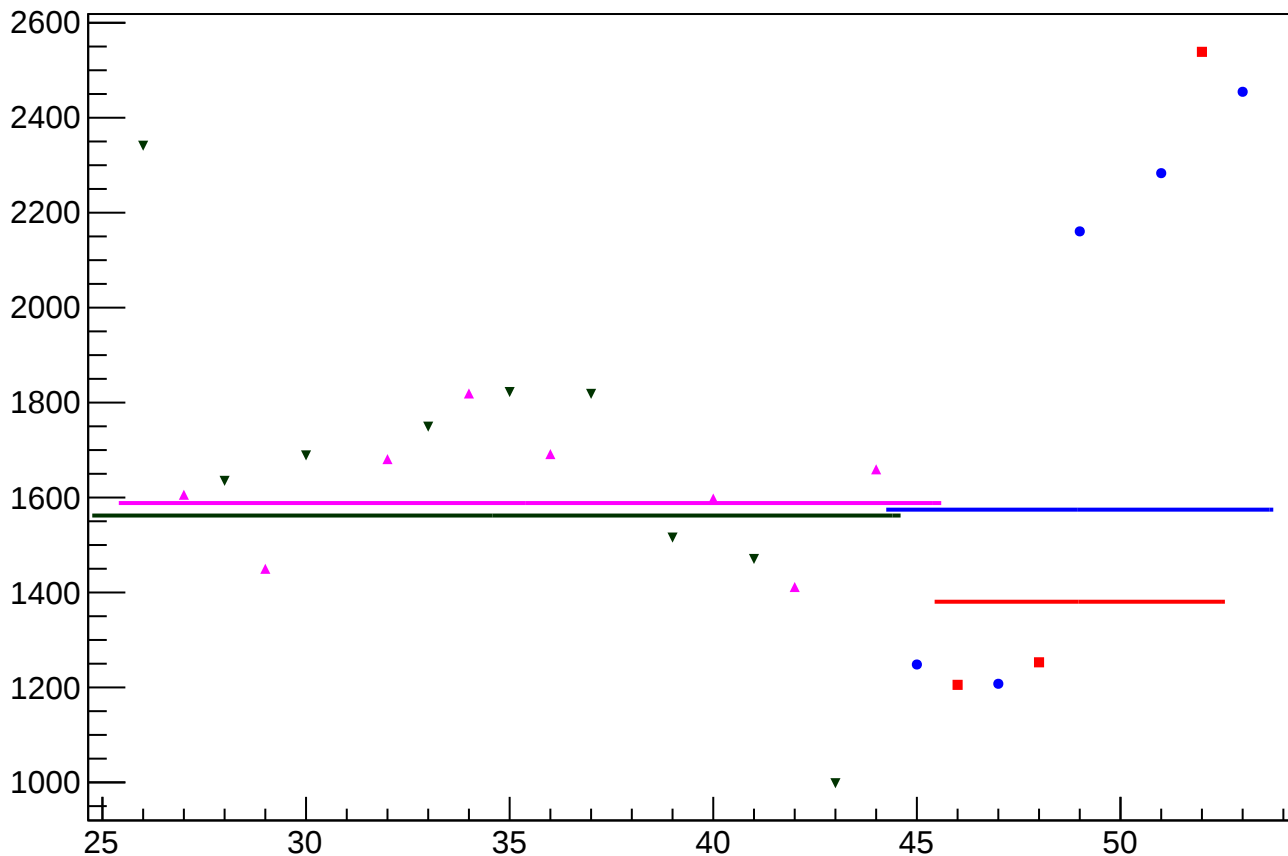
Right Out: 817.969+/-1198.479 χ^2/NDF : 2.8/2

Left In: 1685.614+/-705.946 χ^2/NDF : 6.6/7

457.441+/-580.865 χ^2/NDF : 11.3/13

1462.118+/-608.266 χ^2/NDF : 9.8/10

asym_atr1_correction_rms vs slug



Right In: 1574.479+/-0.666 χ^2/NDF : 541603.0/4

Left Out: 1562.083+/-0.522 χ^2/NDF : 395343.8/8

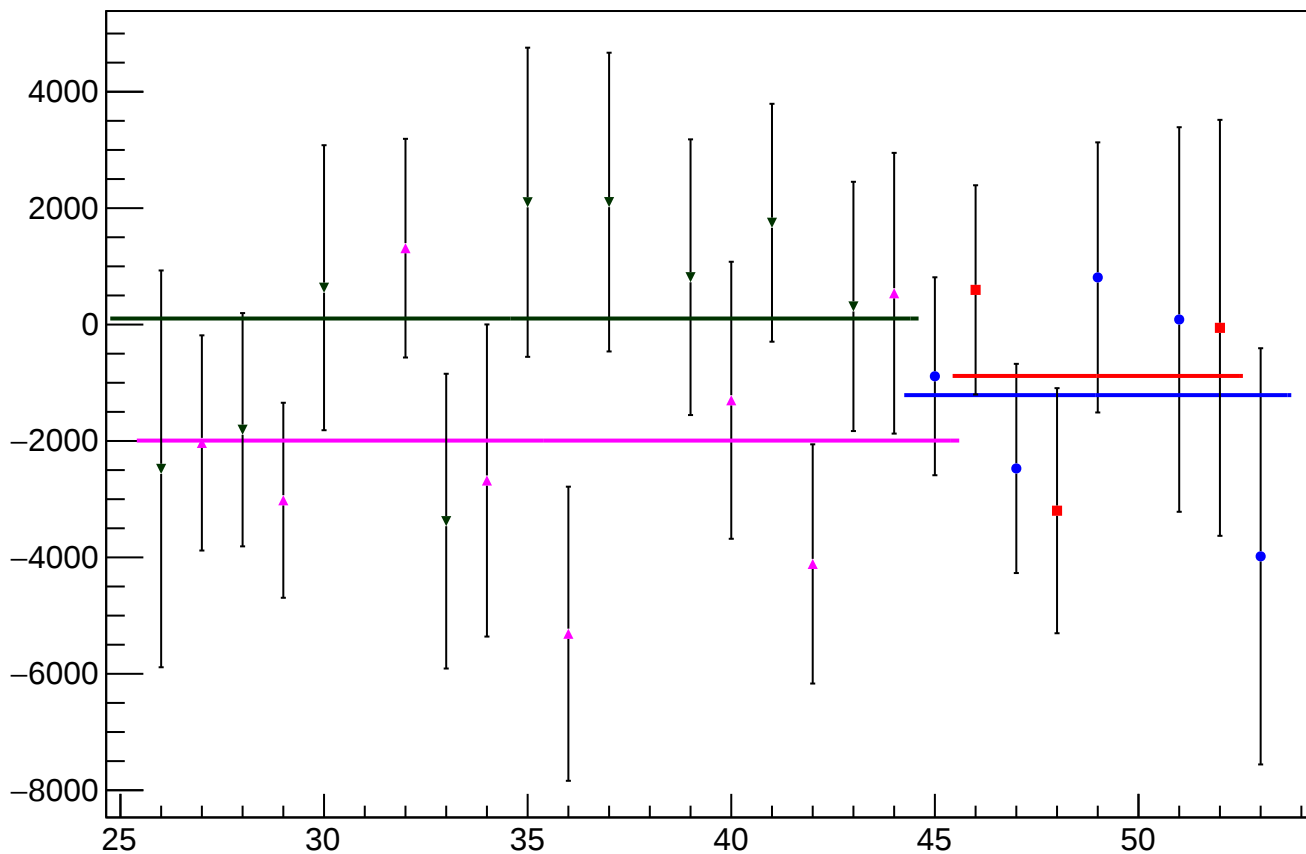
1566.795+/-0.411 χ^2/NDF : 937161.5/13

Right Out: 1380.539+/-0.847 χ^2/NDF : 250657.9/2

1534.847+/-0.430 χ^2/NDF : 354542.0/10

Left In: 1588.387+/-0.499 χ^2/NDF : 59225.5/7

asym_atr1_mean vs slug



Right In: -1212.190 $\pm$ 994.457 χ^2 /NDF: 2.0/4

Left Out: 103.969 $\pm$ 793.692 χ^2 /NDF: 5.3/8

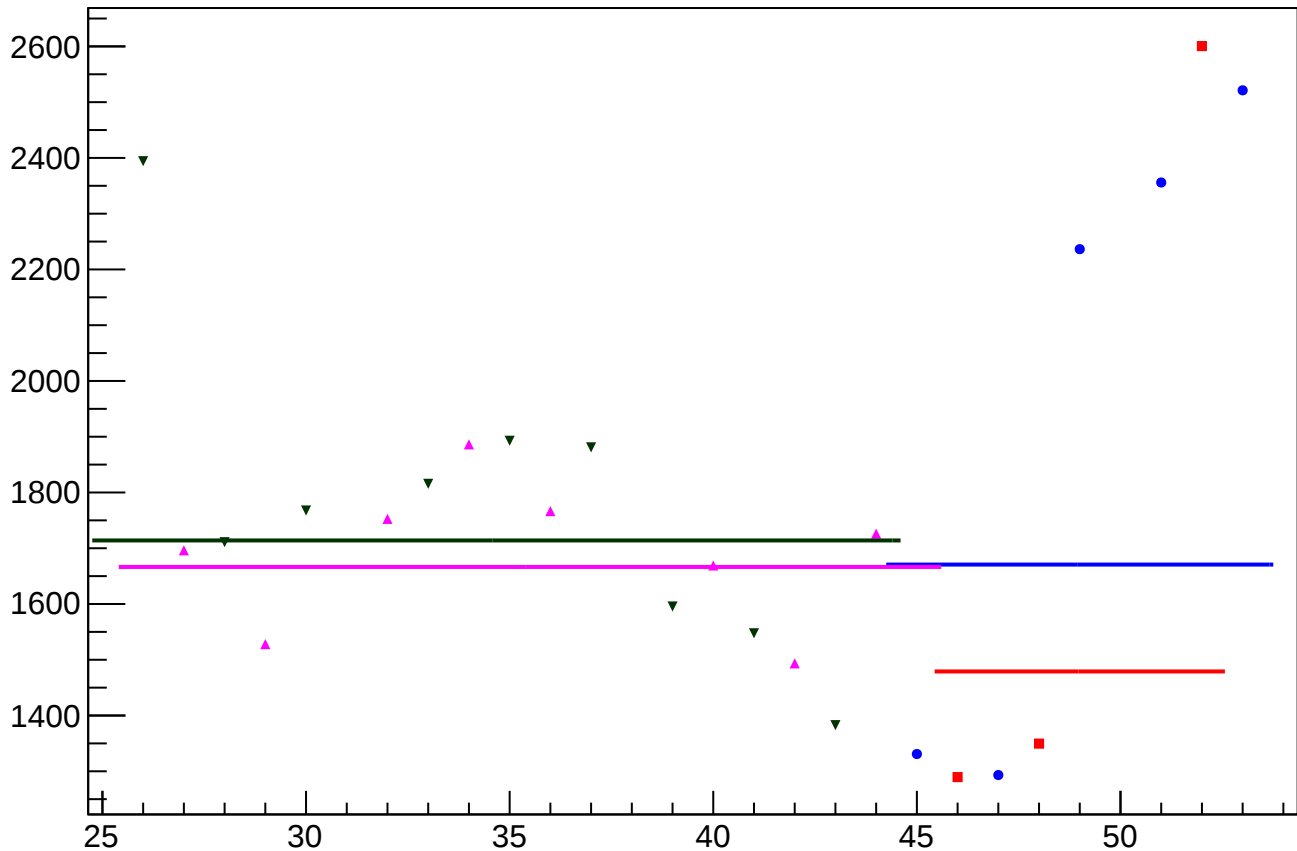
Right Out: -882.596 $\pm$ 1276.772 χ^2 /NDF: 1.9/2

Left In: -1993.066 $\pm$ 742.569 χ^2 /NDF: 7.5/7

-408.178 $\pm$ 620.339 χ^2 /NDF: 8.5/13

-1712.384 $\pm$ 641.900 χ^2 /NDF: 10.0/10

asym_atr1_rms vs slug



Right In: 1670.716+/-0.703 χ^2/NDF : 486182.3/4

Left Out: 1713.999+/-0.561 χ^2/NDF : 167493.6/8

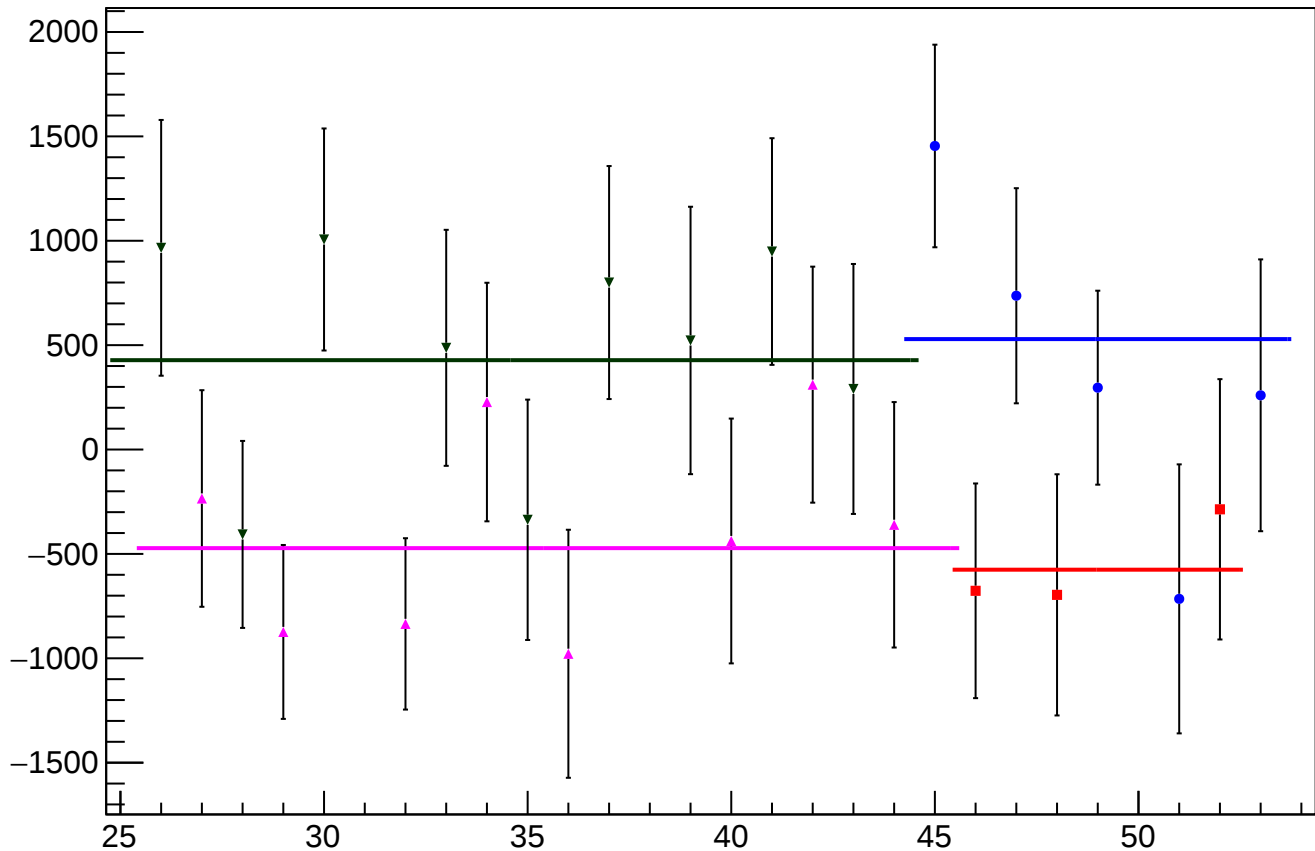
1697.157+/-0.439 χ^2/NDF : 655990.4/13

Right Out: 1479.048+/-0.903 χ^2/NDF : 226807.3/2

1619.069+/-0.454 χ^2/NDF : 309354.7/10

Left In: 1666.432+/-0.525 χ^2/NDF : 50356.8/7

reg_asym_atr2_mean vs slug



Right In: 528.971 $\pm$ 239.621 χ^2 /NDF: 7.9/4

465.777 $\pm$ 146.519 χ^2 /NDF: 16.7/13

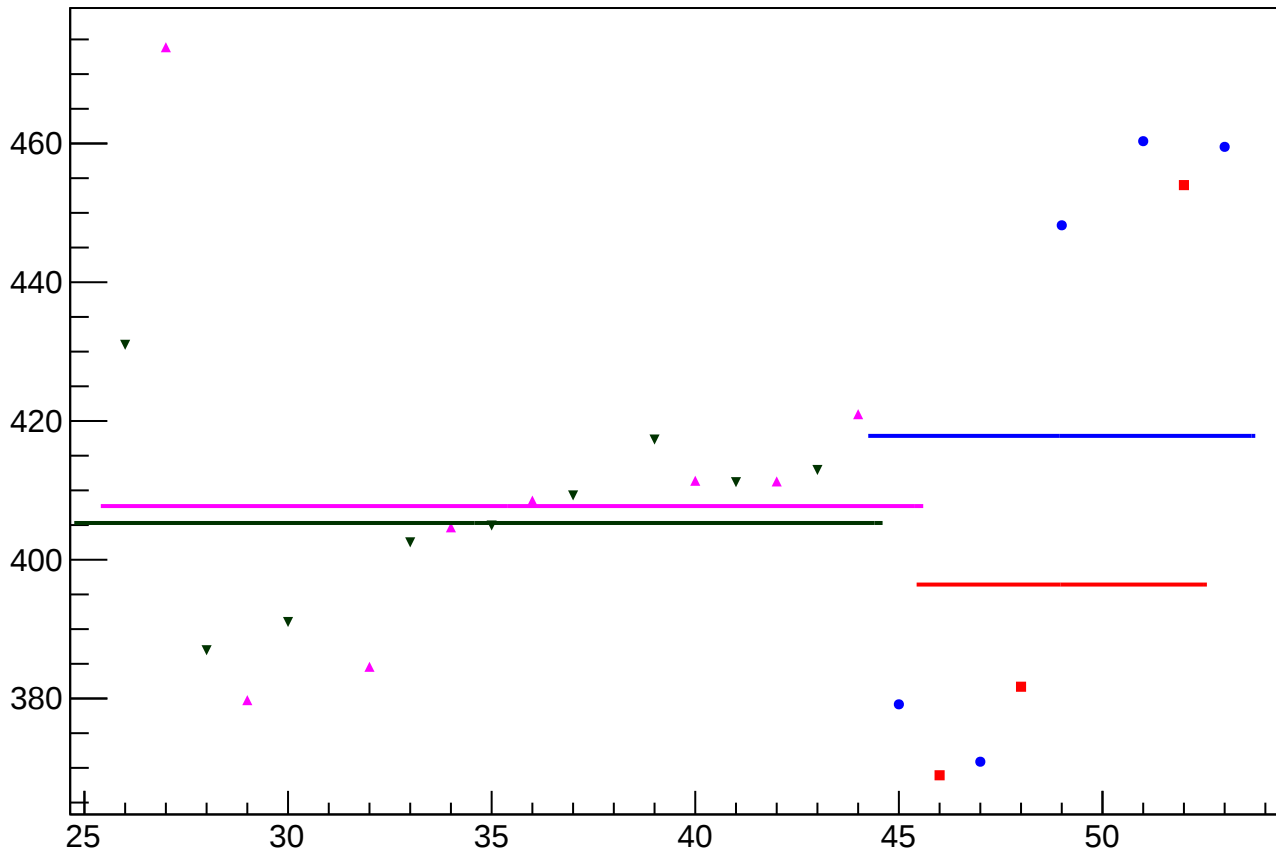
Left Out: 428.042 $\pm$ 185.168 χ^2 /NDF: 8.6/8

-496.725 $\pm$ 158.916 χ^2 /NDF: 6.5/10

Right Out: -575.574 $\pm$ 327.006 χ^2 /NDF: 0.3/2

Left In: -472.346 $\pm$ 181.832 χ^2 /NDF: 6.1/7

reg_asym_atr2_rms vs slug



Right In: 417.854 ± 0.169 χ^2/NDF : 54759.6/4

Left Out: 405.300 ± 0.131 χ^2/NDF : 9727.9/8

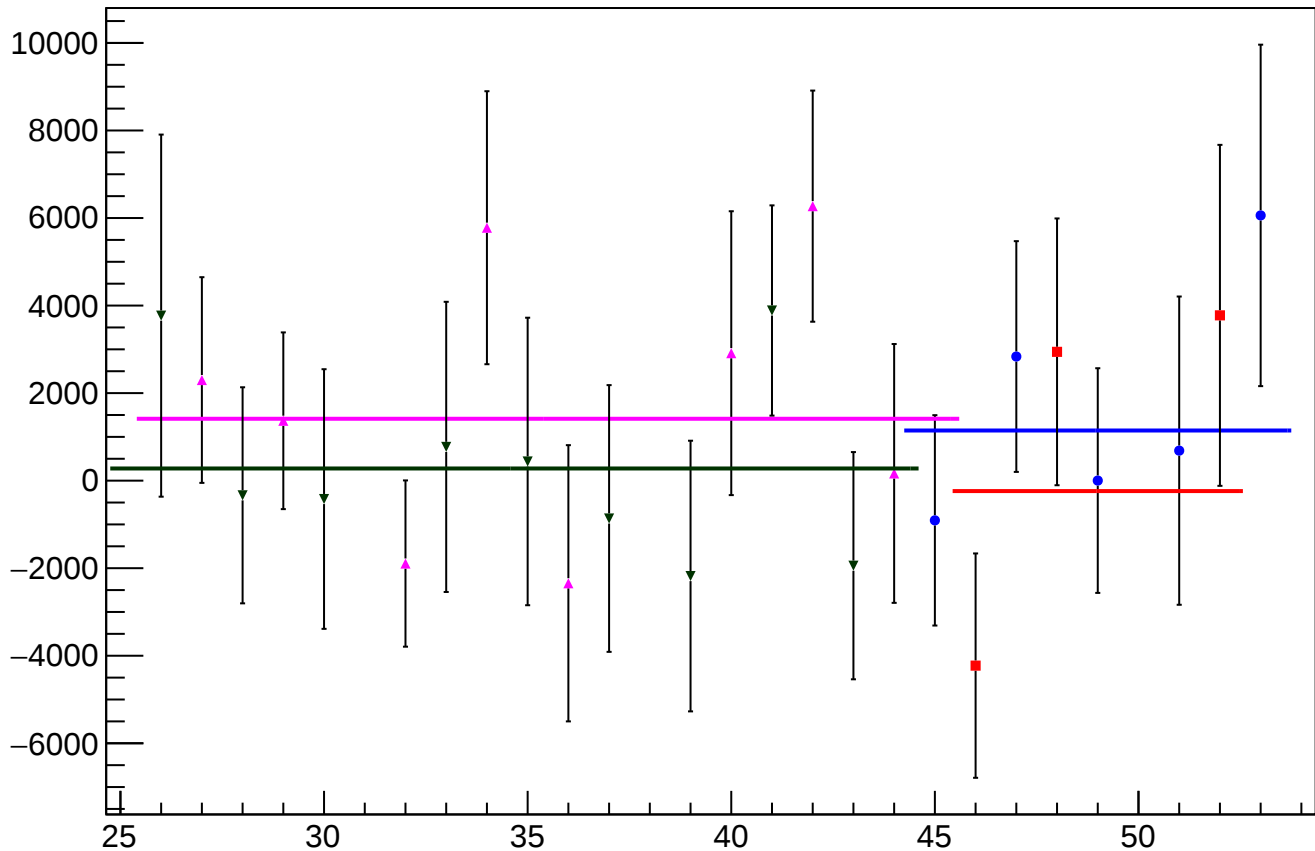
Right Out: 396.423 ± 0.231 χ^2/NDF : 24073.4/2

Left In: 407.737 ± 0.129 χ^2/NDF : 49136.9/7

409.994 ± 0.104 χ^2/NDF : 67925.2/13

405.065 ± 0.112 χ^2/NDF : 75038.9/10

asym_atr2_correction_mean vs slug



Right In: 1145.700+/-1274.853 χ^2/NDF : 2.9/4

Left Out: 278.027+/-973.990 χ^2/NDF : 4.6/8

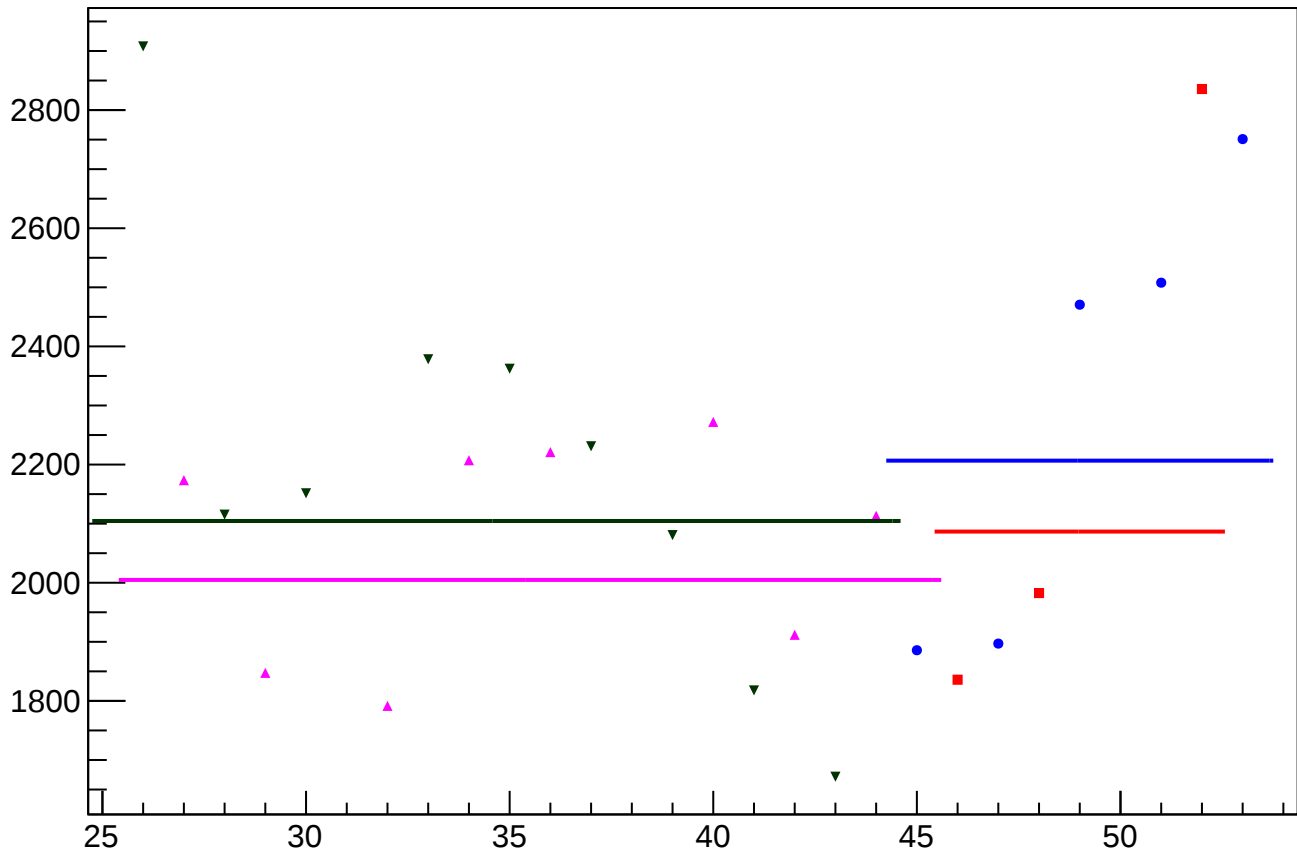
Right Out: -238.268+/-1751.888 χ^2/NDF : 4.6/2

Left In: 1413.717+/-890.892 χ^2/NDF : 10.3/7

597.822+/-773.959 χ^2/NDF : 7.9/13

1074.284+/-794.110 χ^2/NDF : 15.6/10

asym_atr2_correction_rms vs slug



Right In: 2206.645+/-0.901 χ^2 /NDF: 137980.9/4

Left Out: 2104.508+/-0.689 χ^2 /NDF:189603.1/8

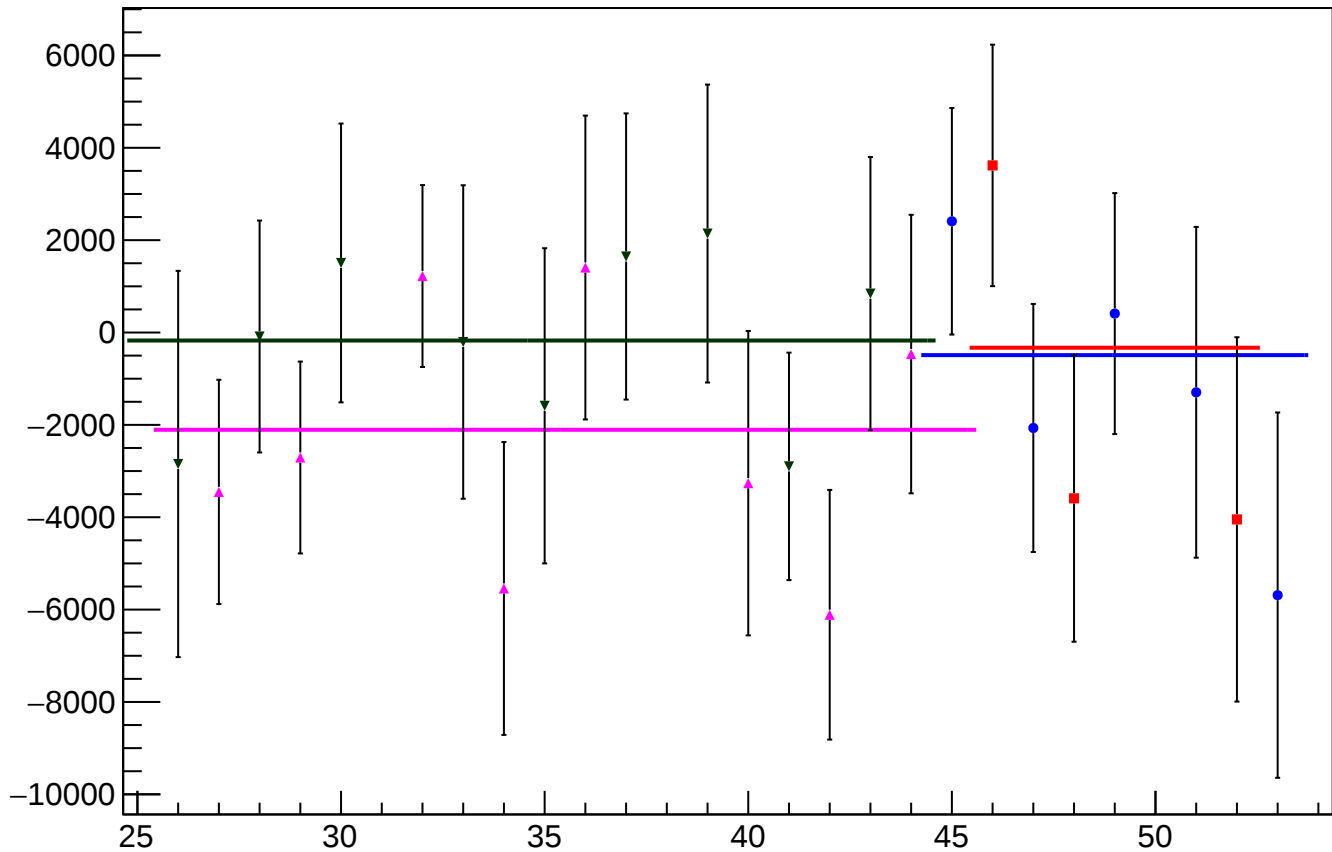
Right Out: 2086.580+/-1.239 χ^2 /NDF: 95434.8/2

Left In: 2004.754+/-0.630 χ^2 /NDF:84279.2/7

2142.152+/-0.547 χ^2 /NDF: 335690.1/13

2021.567+/-0.562 χ^2 /NDF: 183180.7/10

asym_atr2_mean vs slug



Right In: -489.426+/-1297.934 χ^2/NDF : 3.6/4

Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

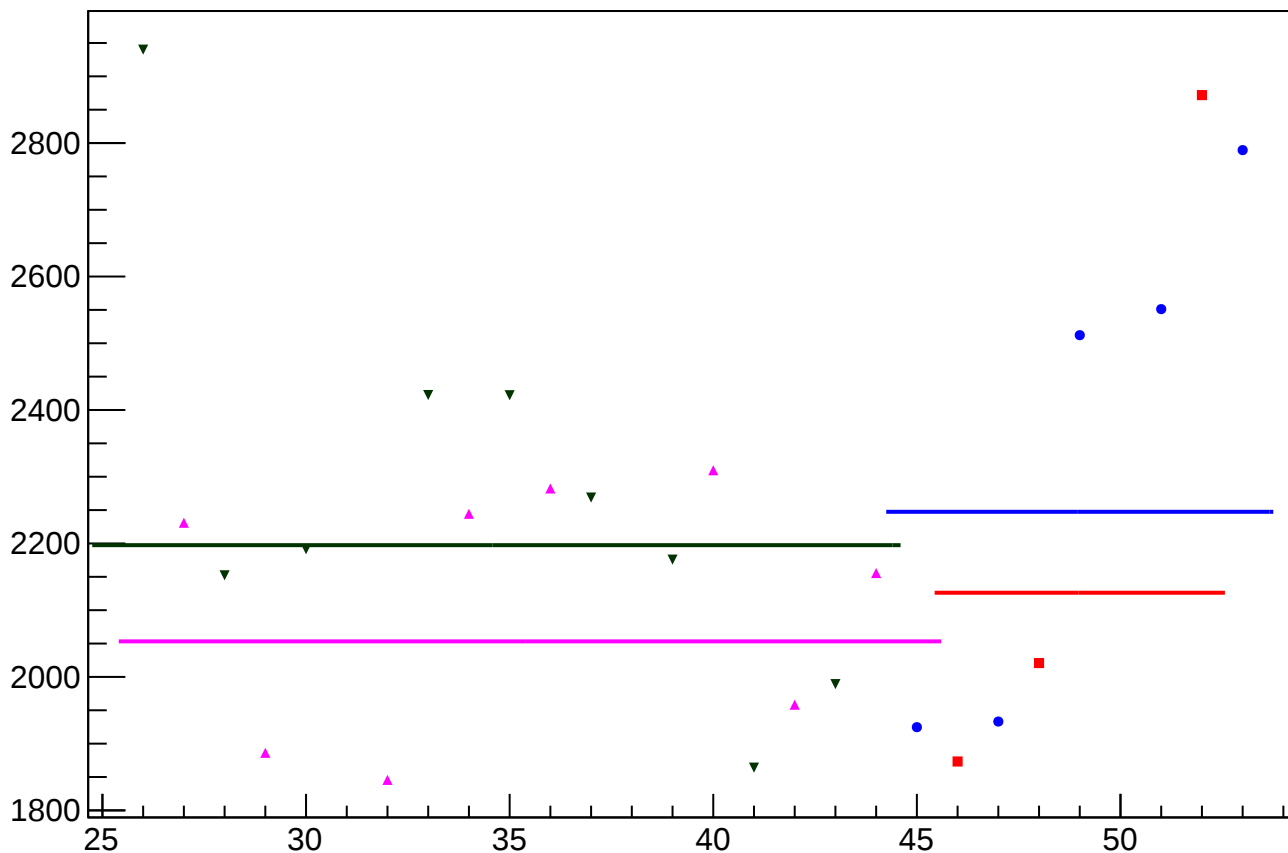
Right Out: -328.916+/-1783.750 χ^2/NDF : 4.3/2

Left In: -2106.390+/-916.762 χ^2/NDF : 8.2/7

-292.762+/-797.715 χ^2/NDF : 6.8/13

-1734.982+/-815.376 χ^2/NDF : 13.2/10

asym_atr2_rms vs slug



Right In: 2247.443+/-0.918 χ^2/NDF : 134541.3/4

Left Out: 2197.439+/-0.715 χ^2/NDF : 128896.8/8

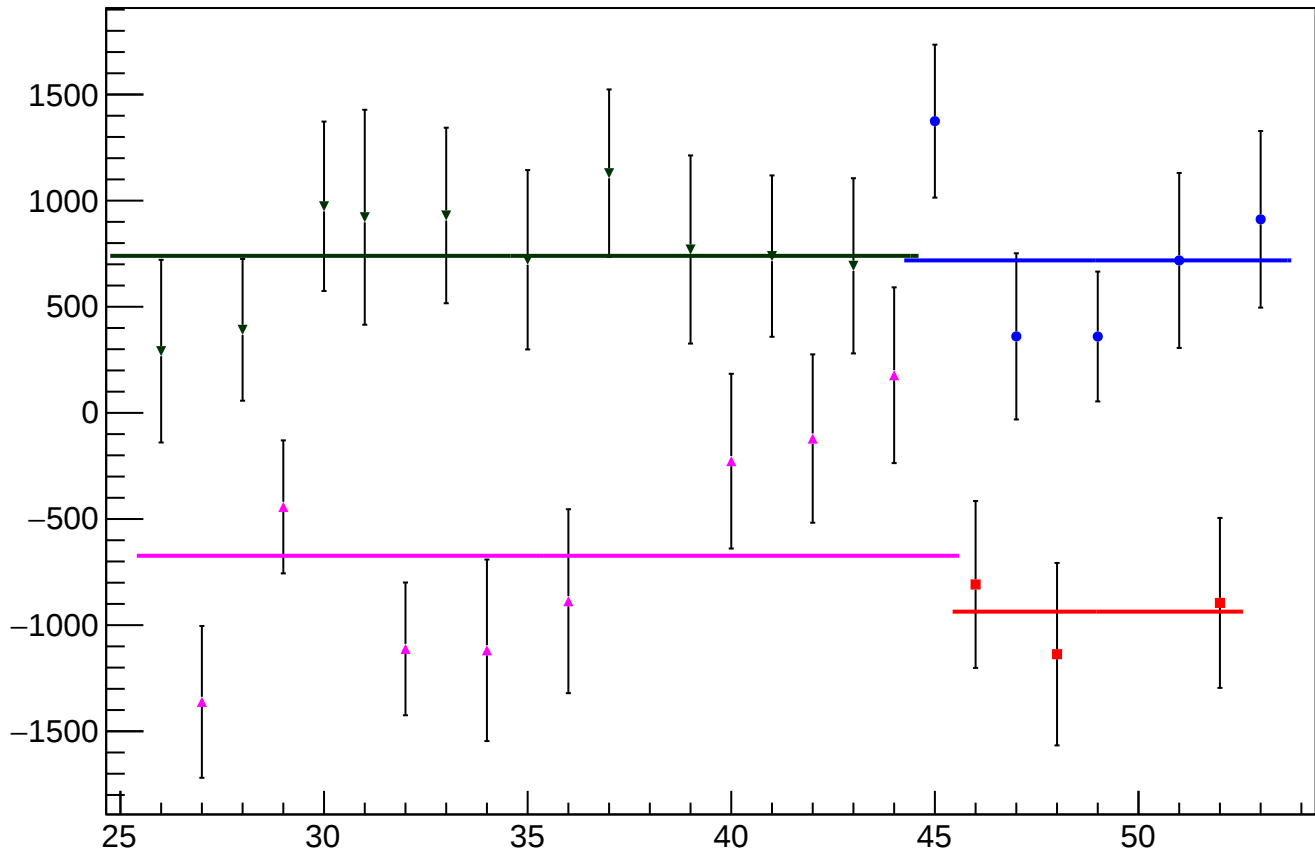
Right Out: 2126.149+/-1.261 χ^2/NDF : 92486.9/2

Left In: 2053.263+/-0.648 χ^2/NDF : 79708.9/7

2216.327+/-0.564 χ^2/NDF : 265285.3/13

2068.493+/-0.577 χ^2/NDF : 174837.3/10

reg_asym_atl_avg_mean vs slug



Right In: 718.439 ± 165.339 χ^2/NDF : 5.7/4

Left Out: 739.872 ± 128.784 χ^2/NDF : 3.9/9

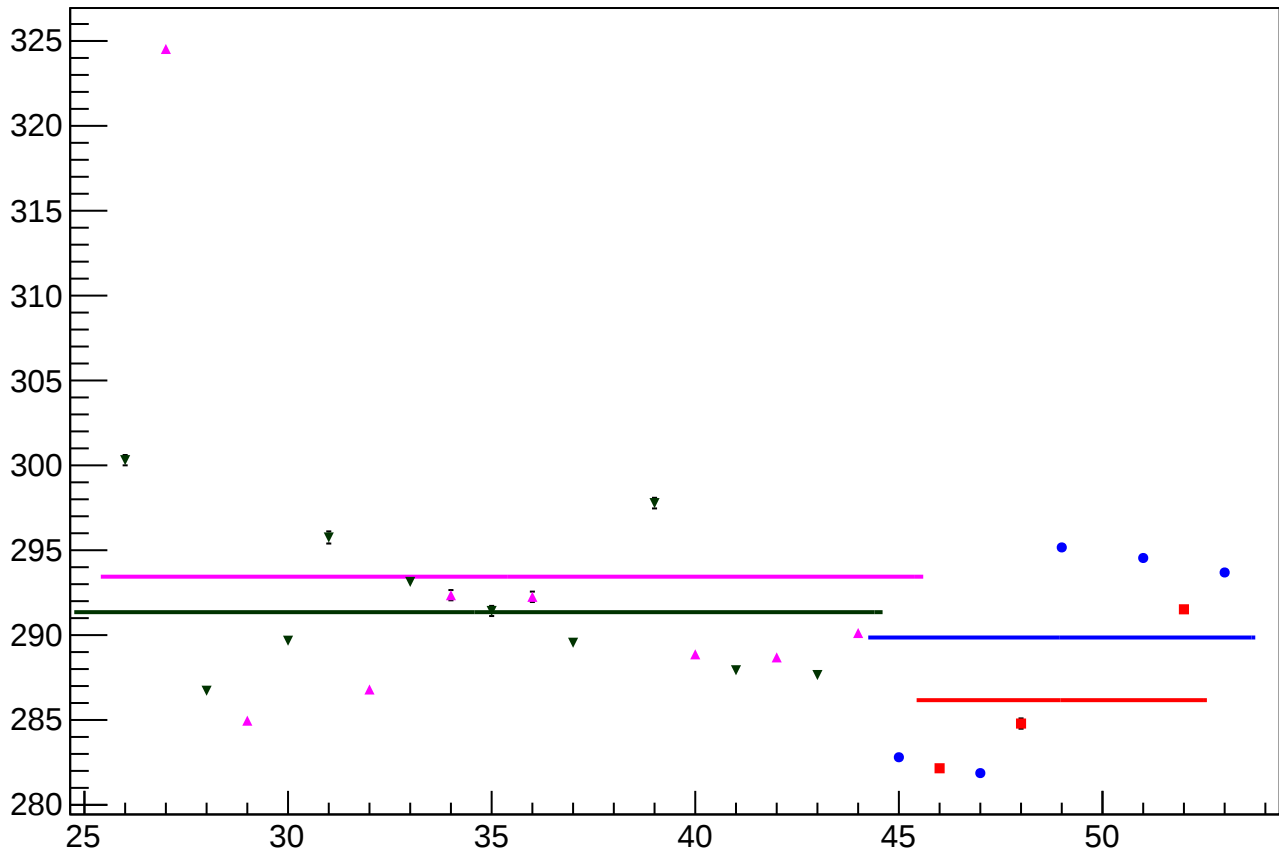
Right Out: -936.385 ± 234.938 χ^2/NDF : 0.3/2

Left In: -673.071 ± 132.323 χ^2/NDF : 14.9/7

731.779 ± 101.600 χ^2/NDF : 9.6/14

-736.484 ± 115.294 χ^2/NDF : 16.2/10

reg_asym_atl_avg_rms vs slug



Right In: 289.858+/-0.117 χ^2/NDF : 2629.2/4

Left Out: 291.351+/-0.091 χ^2/NDF :2259.4/9

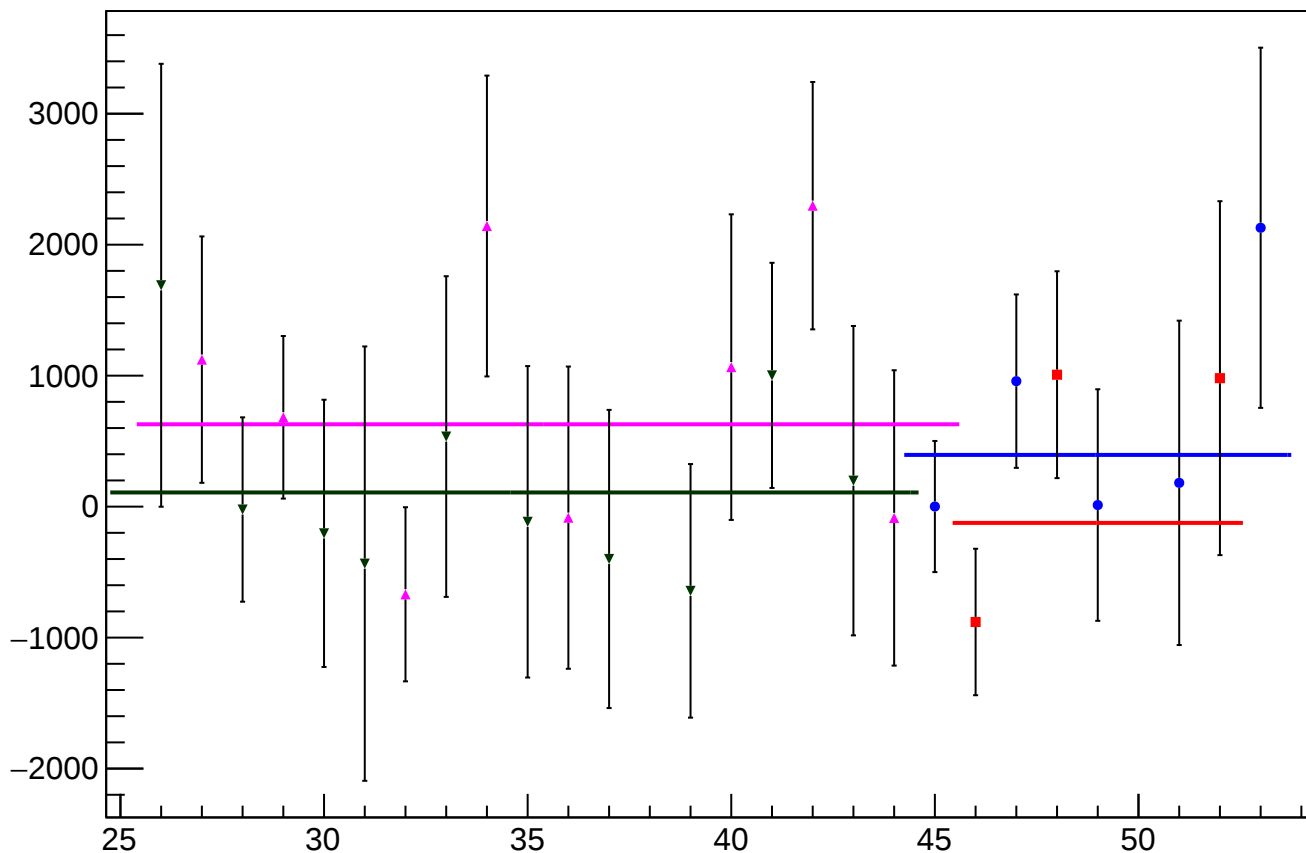
Right Out: 286.167+/-0.166 χ^2/NDF : 586.2/2

Left In: 293.442+/-0.094 χ^2/NDF :18174.2/7

290.788+/-0.072 χ^2/NDF : 4990.1/14

291.690+/-0.082 χ^2/NDF : 20216.0/10

asym_atl_avg_correction_mean vs slug



Right In: 394.967 ± 338.404 $\chi^2/\text{NDF}: 3.2/4$

Left Out: 108.218 ± 333.765 $\chi^2/\text{NDF}: 3.2/9$

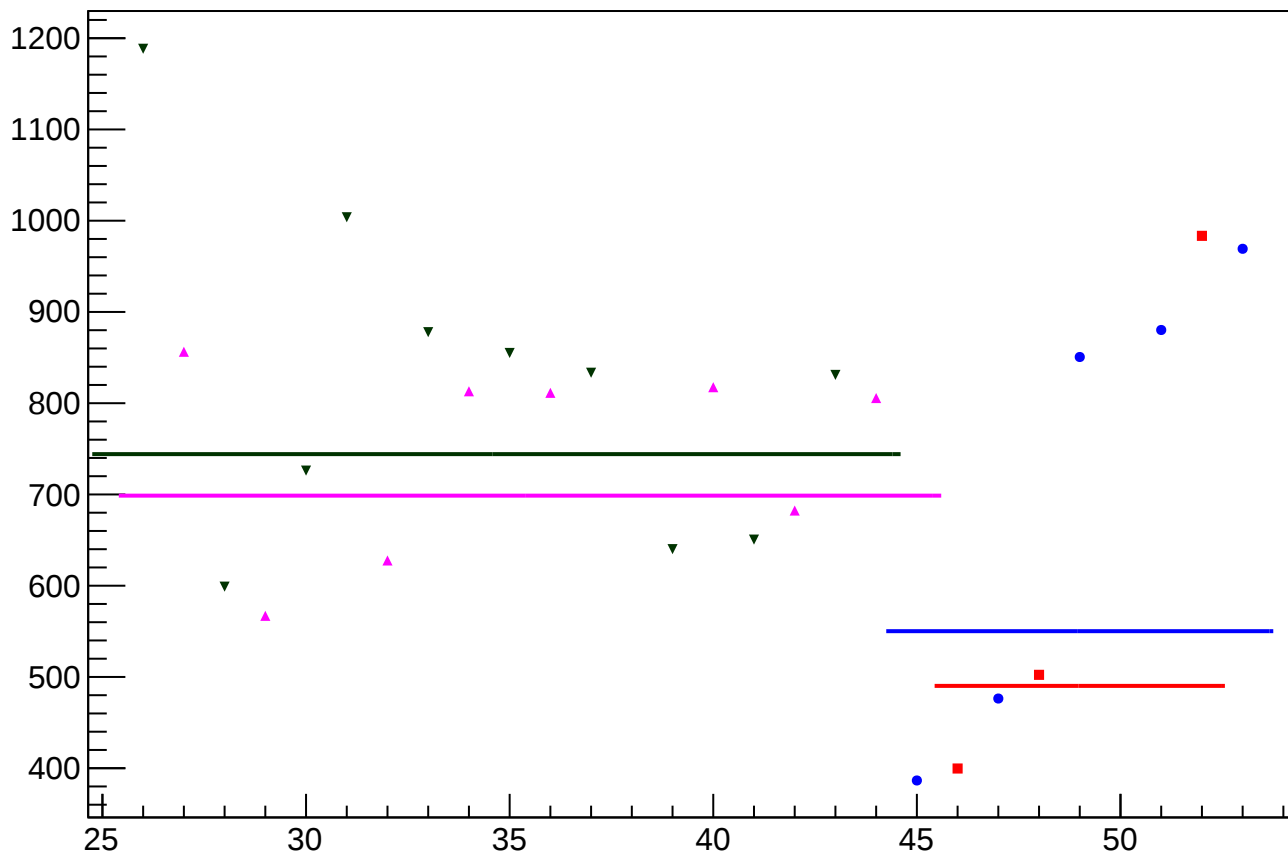
Right Out: -124.183 ± 432.357 $\chi^2/\text{NDF}: 4.6/2$

Left In: 628.735 ± 314.024 $\chi^2/\text{NDF}: 9.9/7$

249.613 ± 237.630 $\chi^2/\text{NDF}: 6.7/14$

368.719 ± 254.079 $\chi^2/\text{NDF}: 16.4/10$

asym_atl_avg_correction_rms vs slug



Right In: 550.174+/-0.239 χ^2/NDF : 797378.5/4

Left Out: 744.197+/-0.236 χ^2/NDF : 384053.8/9

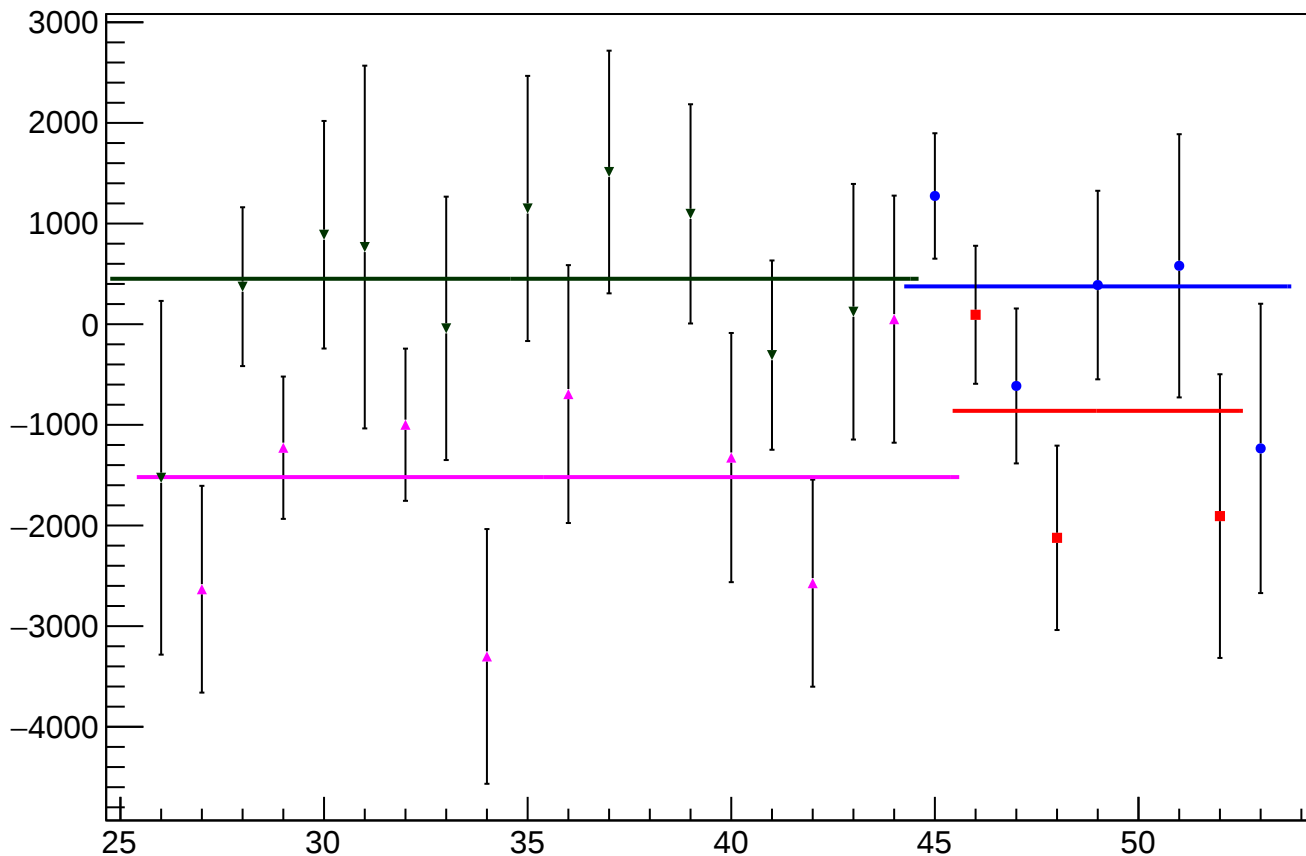
Right Out: 490.217+/-0.306 χ^2/NDF : 319403.7/2

Left In: 698.706+/-0.222 χ^2/NDF : 247337.3/7

648.525+/-0.168 χ^2/NDF : 1514697.5/14

626.705+/-0.180 χ^2/NDF : 871195.3/10

asym_atl_avg_mean vs slug



Right In: 375.550 ± 393.076 $\chi^2/\text{NDF}: 5.0/4$

Left Out: 451.381 ± 366.058 $\chi^2/\text{NDF}: 3.7/9$

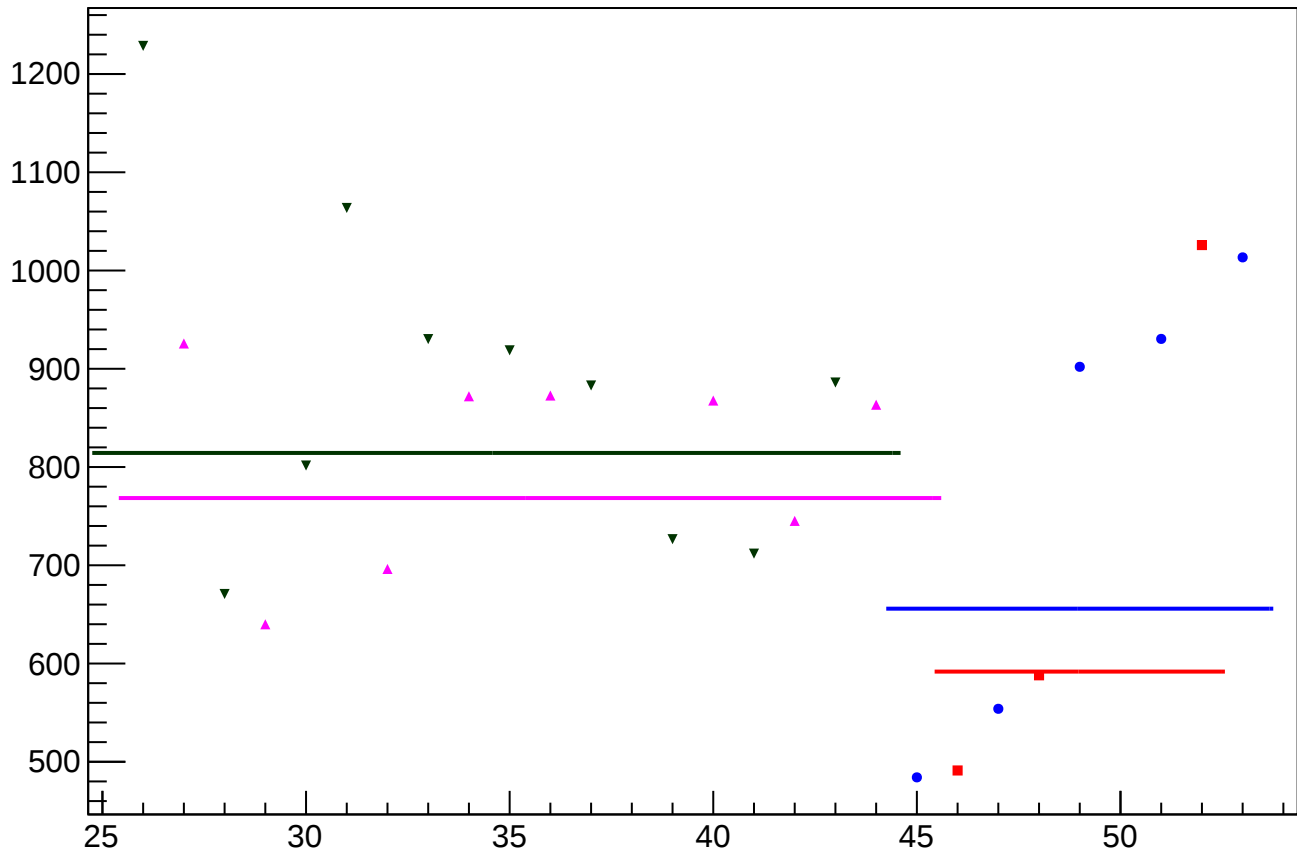
Right Out: -860.848 ± 511.497 $\chi^2/\text{NDF}: 4.4/2$

Left In: -1519.039 ± 349.401 $\chi^2/\text{NDF}: 6.9/7$

416.161 ± 267.885 $\chi^2/\text{NDF}: 8.8/14$

-1309.629 ± 288.513 $\chi^2/\text{NDF}: 12.4/10$

asym_atl_avg_rms vs slug



Right In: 655.834 ± 0.278 χ^2/NDF : 536983.1/4

Left Out: 814.342 ± 0.259 χ^2/NDF : 293767.4/9

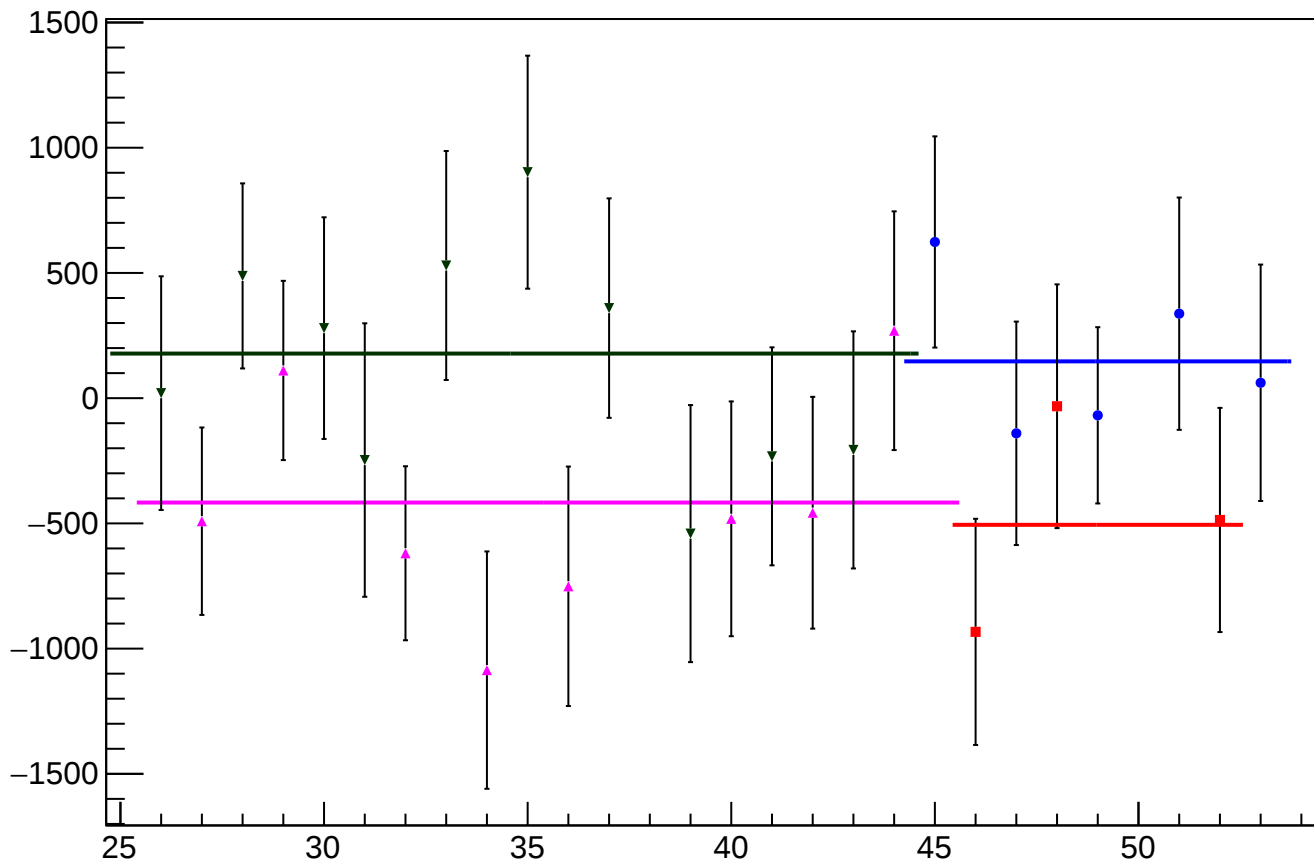
Right Out: 591.791 ± 0.362 χ^2/NDF : 232878.9/2

Left In: 768.425 ± 0.247 χ^2/NDF : 183671.3/7

740.722 ± 0.189 χ^2/NDF : 1004920.5/14

712.227 ± 0.204 χ^2/NDF : 579172.2/10

reg_asym_atl_dd_mean vs slug



Right In: 146.939 $\pm$ 189.442 χ^2 /NDF: 2.3/4

Left Out: 178.098 $\pm$ 143.538 χ^2 /NDF: 8.2/9

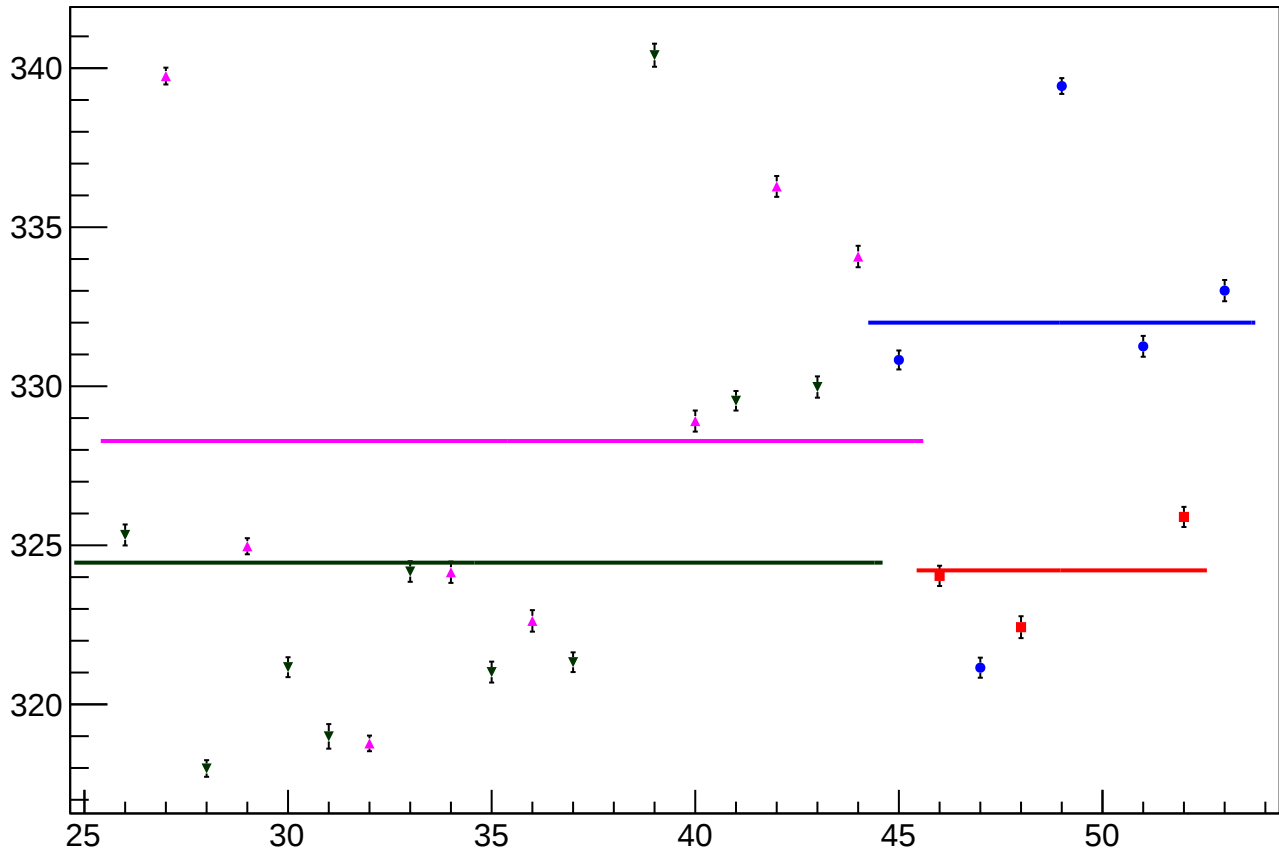
Right Out: -505.714 $\pm$ 266.113 χ^2 /NDF: 1.8/2

Left In: -416.758 $\pm$ 147.940 χ^2 /NDF: 7.1/7

166.734 $\pm$ 114.407 χ^2 /NDF: 10.5/14

-437.760 $\pm$ 129.302 χ^2 /NDF: 9.1/10

reg_asym_atl_dd_rms vs slug



Right In: 332.000 ± 0.134 χ^2/NDF : 2105.9/4

Left Out: 324.455 ± 0.101 χ^2/NDF : 3621.0/9

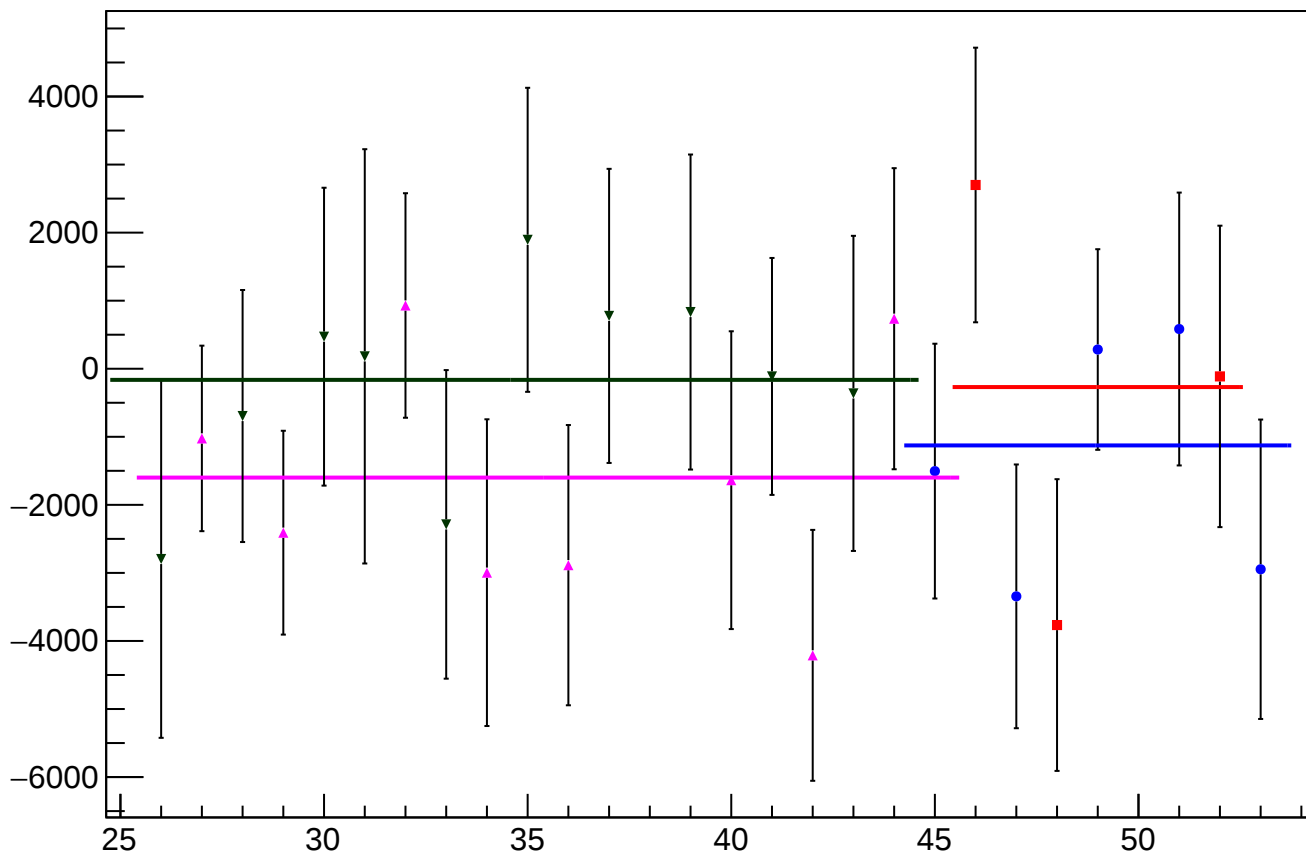
Right Out: 324.212 ± 0.188 χ^2/NDF : 55.4/2

Left In: 328.279 ± 0.105 χ^2/NDF : 4878.6/7

327.207 ± 0.081 χ^2/NDF : 7742.3/14

327.319 ± 0.091 χ^2/NDF : 5290.9/10

asym_atl_dd_correction_mean vs slug



Right In: -1126.828+/-825.504 χ^2/NDF : 3.7/4

Left Out: -163.511+/-695.796 χ^2/NDF : 3.3/9

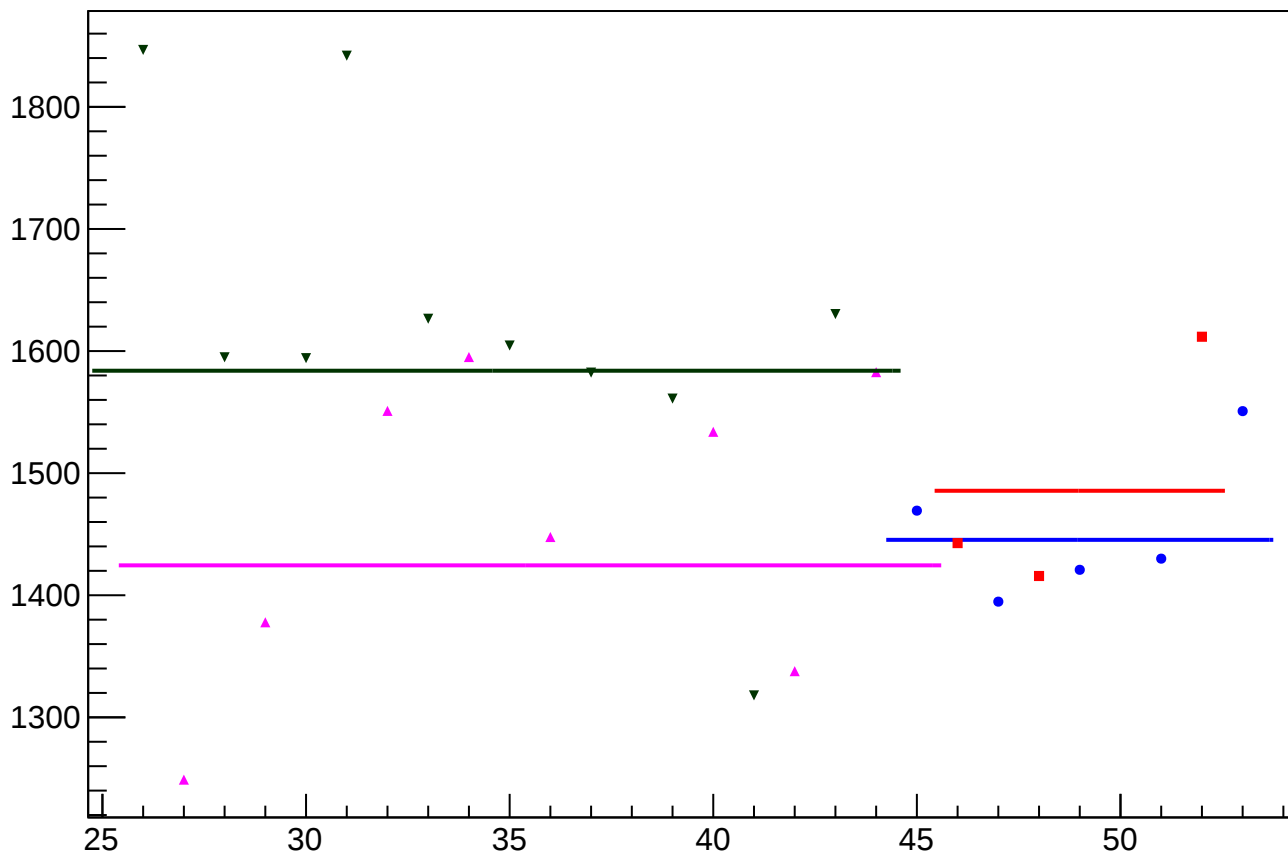
Right Out: -269.270+/-1224.256 χ^2/NDF : 4.8/2

Left In: -1599.395+/-633.470 χ^2/NDF : 6.7/7

-563.629+/-532.020 χ^2/NDF : 7.8/14

-1318.482+/-562.616 χ^2/NDF : 12.5/10

asym_atl_dd_correction_rms vs slug



Right In: 1445.387+/-0.584 χ^2/NDF : 6957.3/4

Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

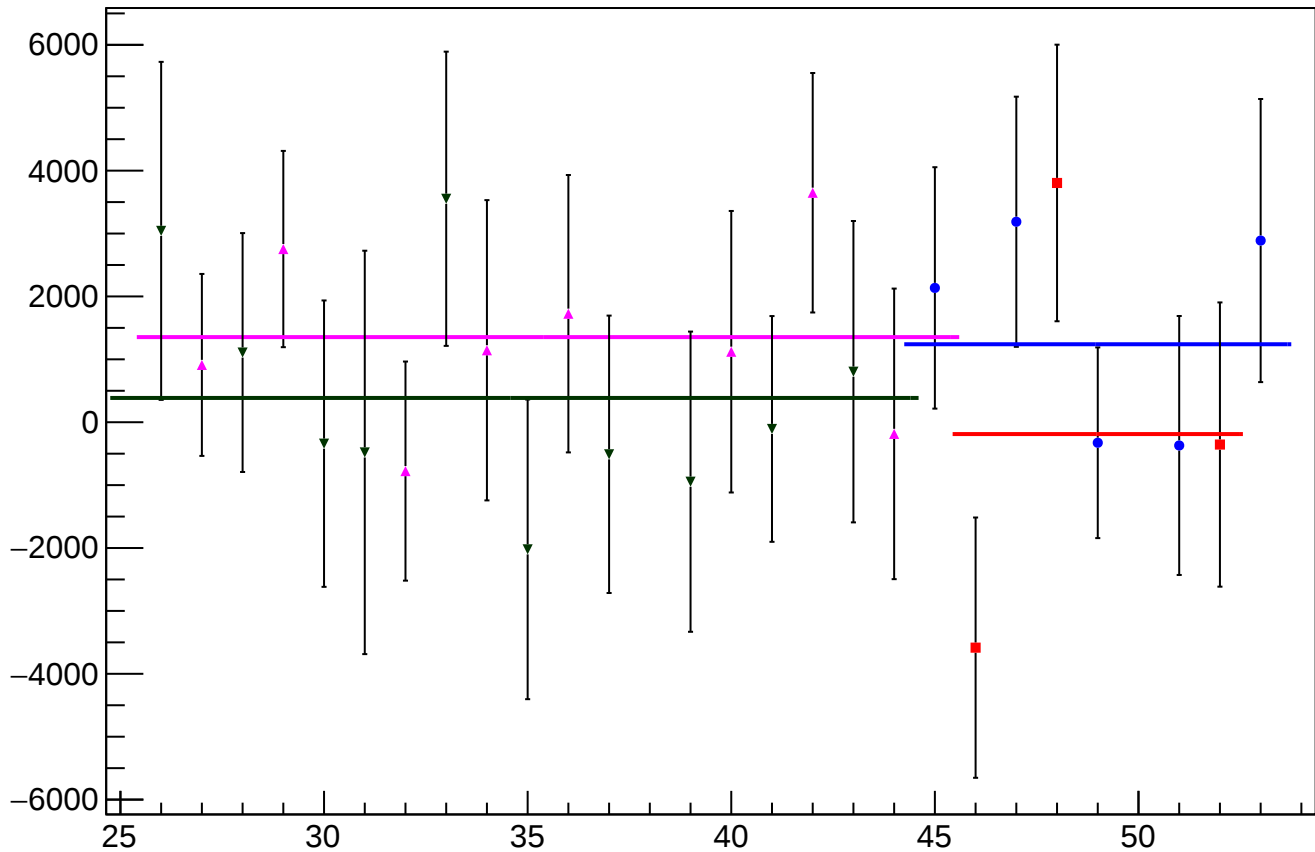
Right Out: 1485.579+/-0.866 χ^2/NDF : 9514.5/2

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1526.370+/-0.376 χ^2/NDF : 122907.5/14

1437.392+/-0.398 χ^2/NDF : 91680.4/10

asym_atl_dd_mean vs slug



Right In: 1239.720+/-847.341 χ^2 /NDF: 3.4/4

Left Out: 386.051+/-719.673 χ^2 /NDF:4.7/9

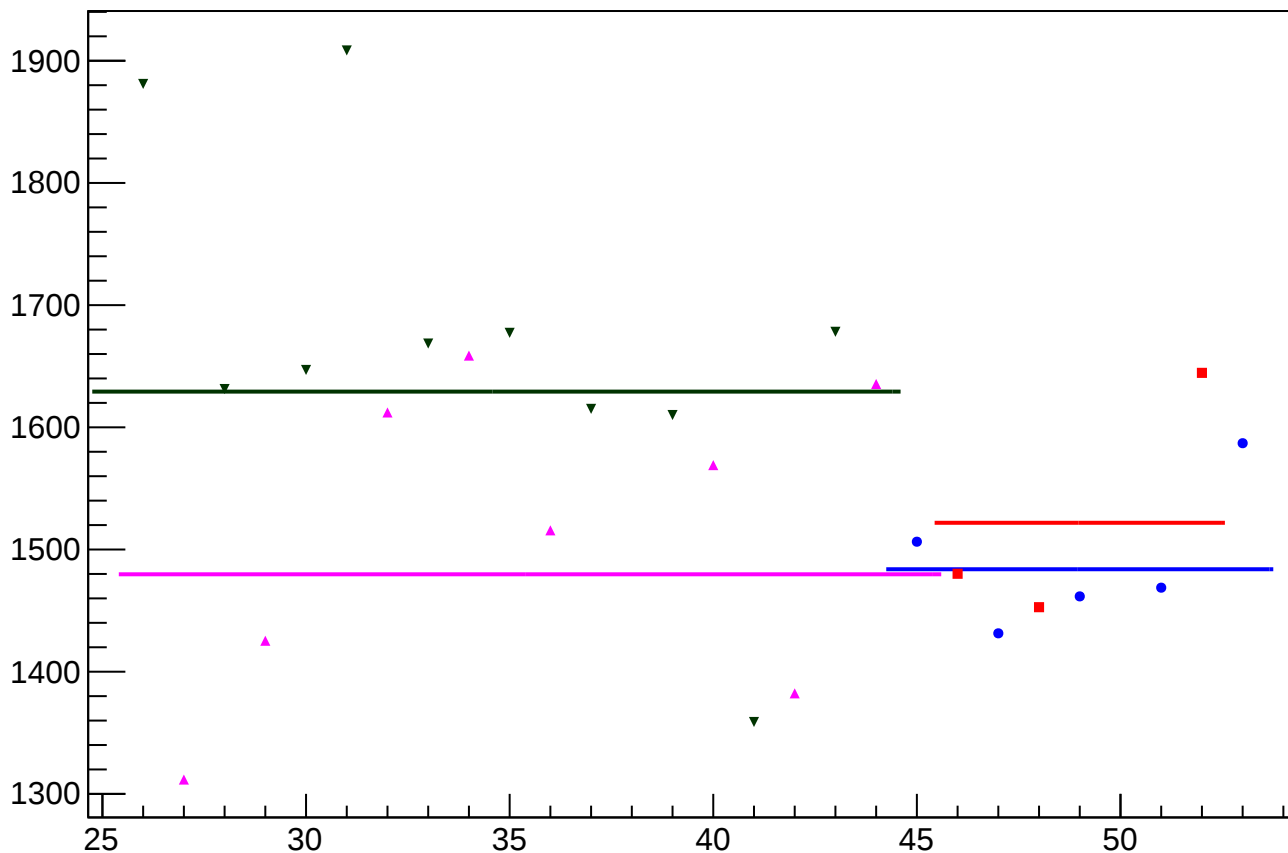
Right Out: -188.239+/-1253.694 χ^2 /NDF: 6.0/2

Left In: 1353.325+/-664.845 χ^2 /NDF:4.3/7

743.793+/-548.528 χ^2 /NDF: 8.7/14

1014.954+/-587.364 χ^2 /NDF: 11.5/10

asym_atl_dd_rms vs slug



Right In: 1483.853 ± 0.599 χ^2/NDF : 6404.2/4

Left Out: 1629.236 ± 0.509 χ^2/NDF : 80669.5/9

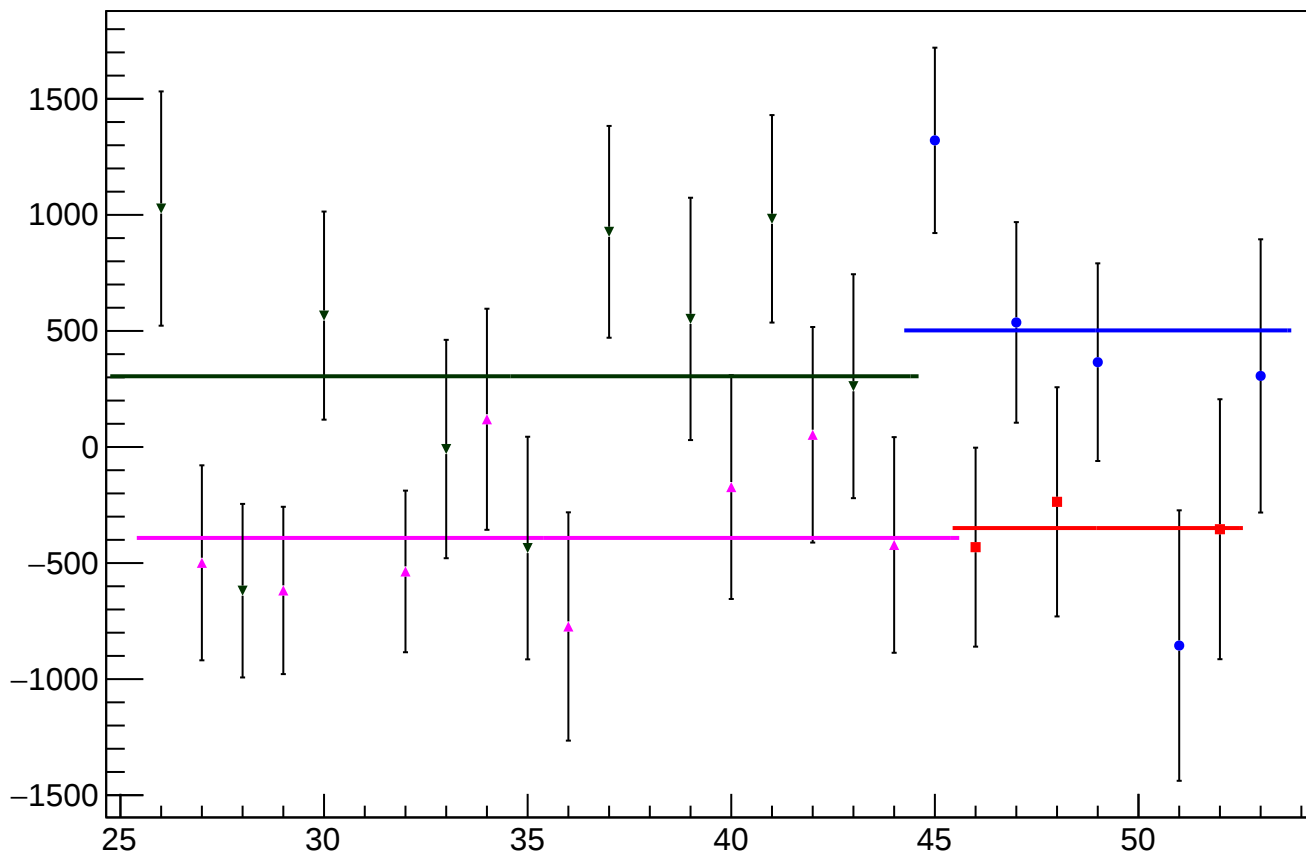
Right Out: 1521.878 ± 0.886 χ^2/NDF : 8684.0/2

Left In: 1479.724 ± 0.470 χ^2/NDF : 70261.1/7

1568.311 ± 0.388 χ^2/NDF : 121277.0/14

1488.977 ± 0.415 χ^2/NDF : 80709.9/10

reg_asym_atr_avg_mean vs slug



Right In: 502.282 $\pm$ 208.626 χ^2/NDF : 9.9/4

Left Out: 304.753 $\pm$ 153.029 χ^2/NDF : 15.7/8

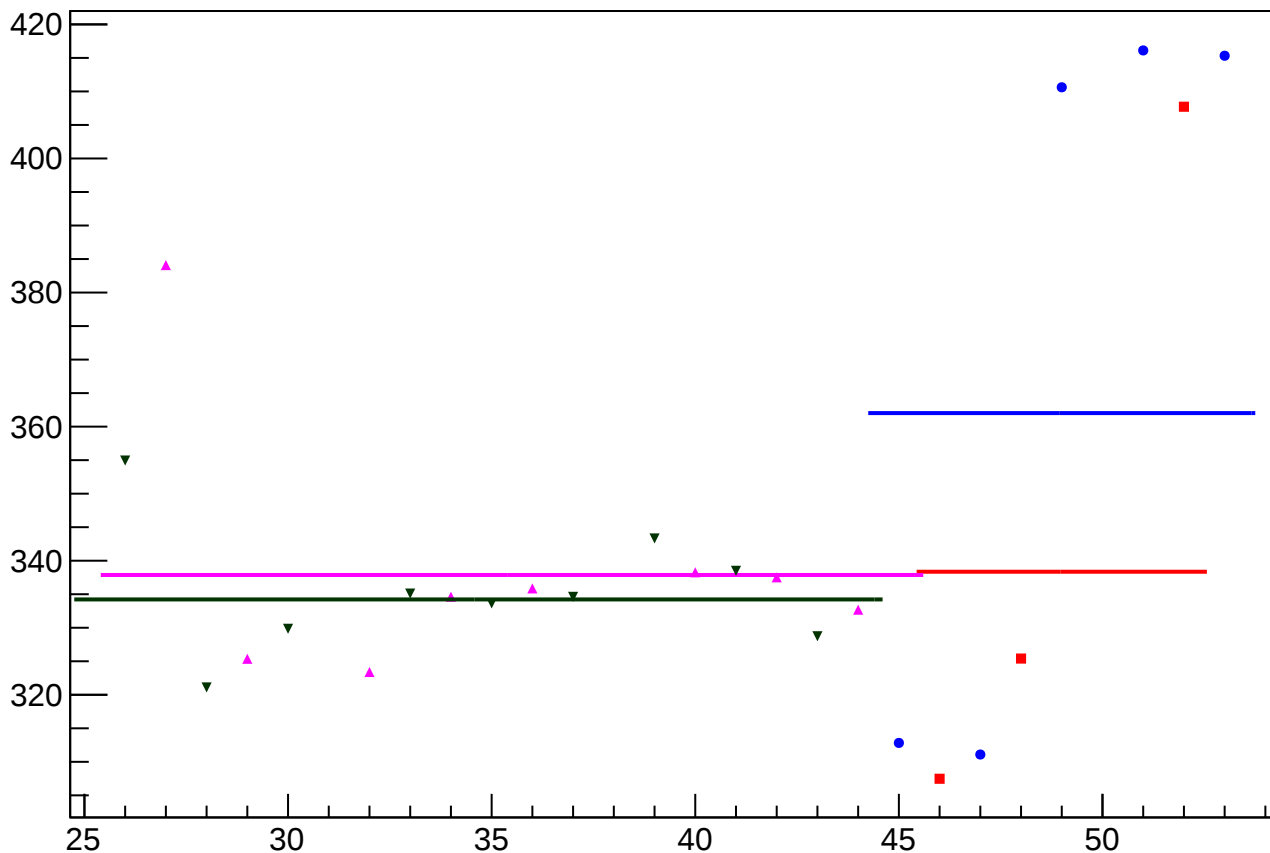
Right Out: -349.224 $\pm$ 280.233 χ^2/NDF : 0.1/2

Left In: -391.742 $\pm$ 151.210 χ^2/NDF : 3.5/7

373.853 $\pm$ 123.393 χ^2/NDF : 26.2/13

-382.155 $\pm$ 133.073 χ^2/NDF : 3.6/10

reg_asym_atr_avg_rms vs slug



Right In: 362.020+/-0.148 χ^2/NDF : 117842.2/4

Left Out: 334.224+/-0.108 χ^2/NDF : 7088.3/8

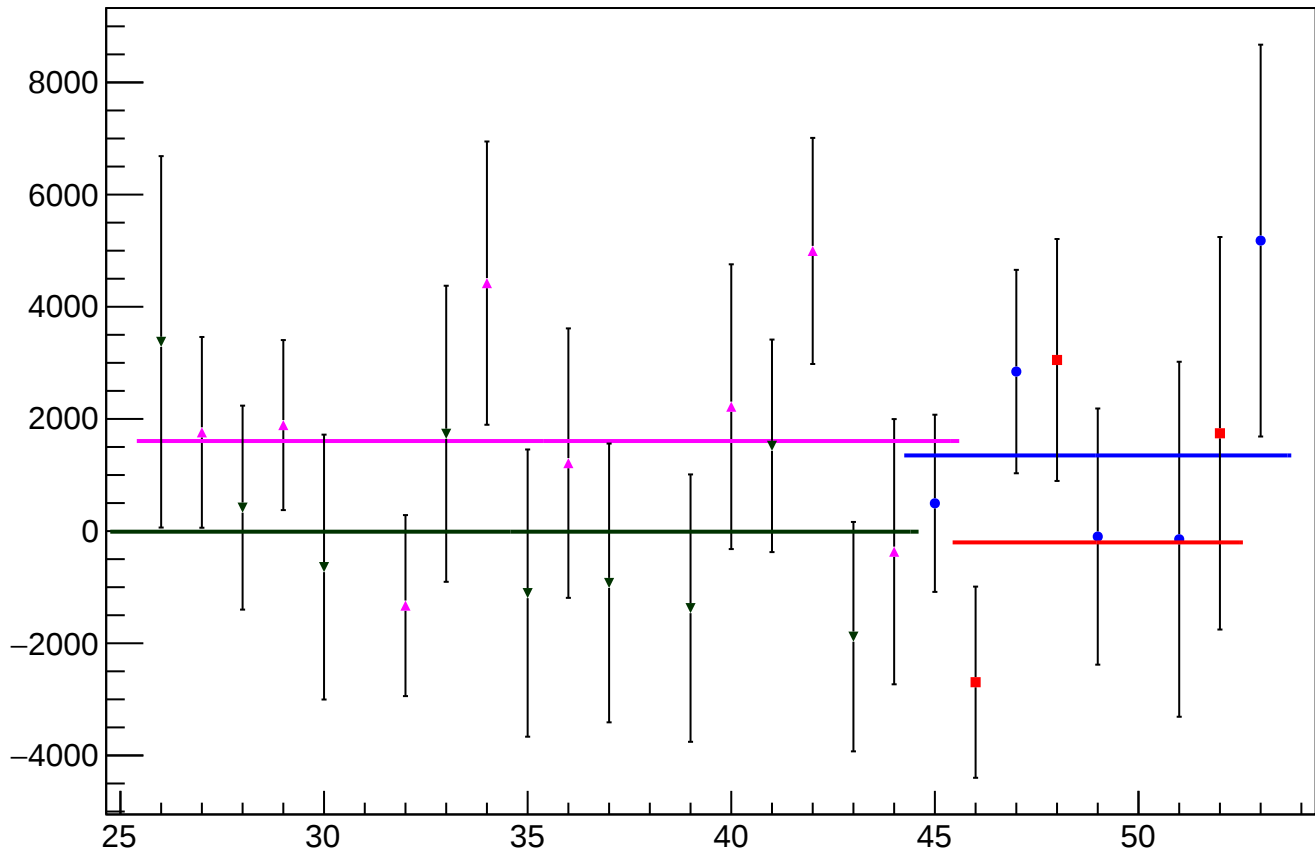
Right Out: 338.355+/-0.198 χ^2/NDF : 42444.1/2

Left In: 337.871+/-0.107 χ^2/NDF : 30461.2/7

343.947+/-0.087 χ^2/NDF : 148014.0/13

337.980+/-0.094 χ^2/NDF : 72909.9/10

asym_atr_avg_correction_mean vs slug



Right In: 1349.201+/-962.991 χ^2 /NDF: 2.8/4

Left Out: -10.269+/-761.494 χ^2 /NDF:3.7/8

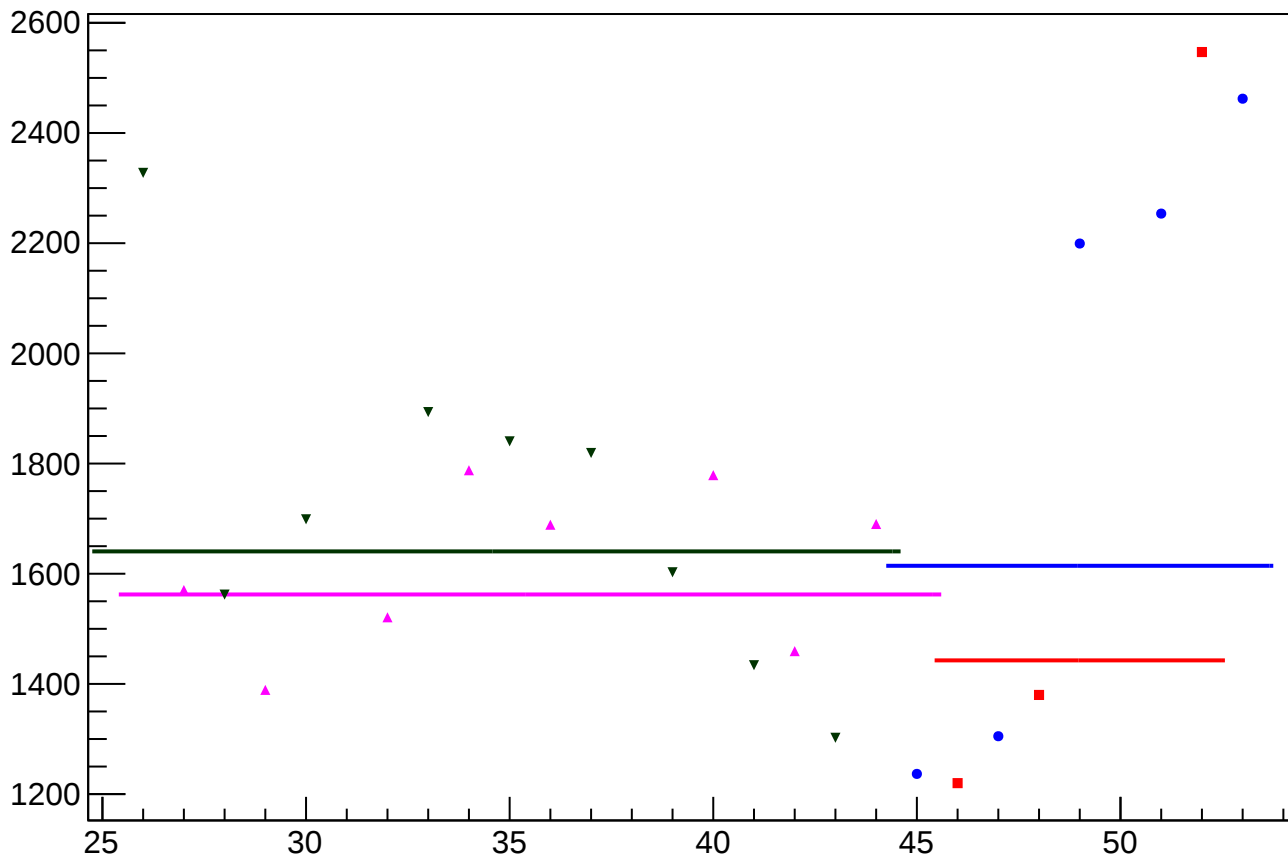
Right Out: -201.385+/-1249.216 χ^2 /NDF: 4.7/2

Left In: 1606.123+/-694.183 χ^2 /NDF:8.2/7

512.759+/-597.310 χ^2 /NDF: 7.8/13

1179.660+/-606.789 χ^2 /NDF: 14.5/10

asym_atr_avg_correction_rms vs slug



Right In: 1614.417+/-0.681 χ^2/NDF : 503192.6/4

Left Out: 1640.545+/-0.538 χ^2/NDF :210924.6/8

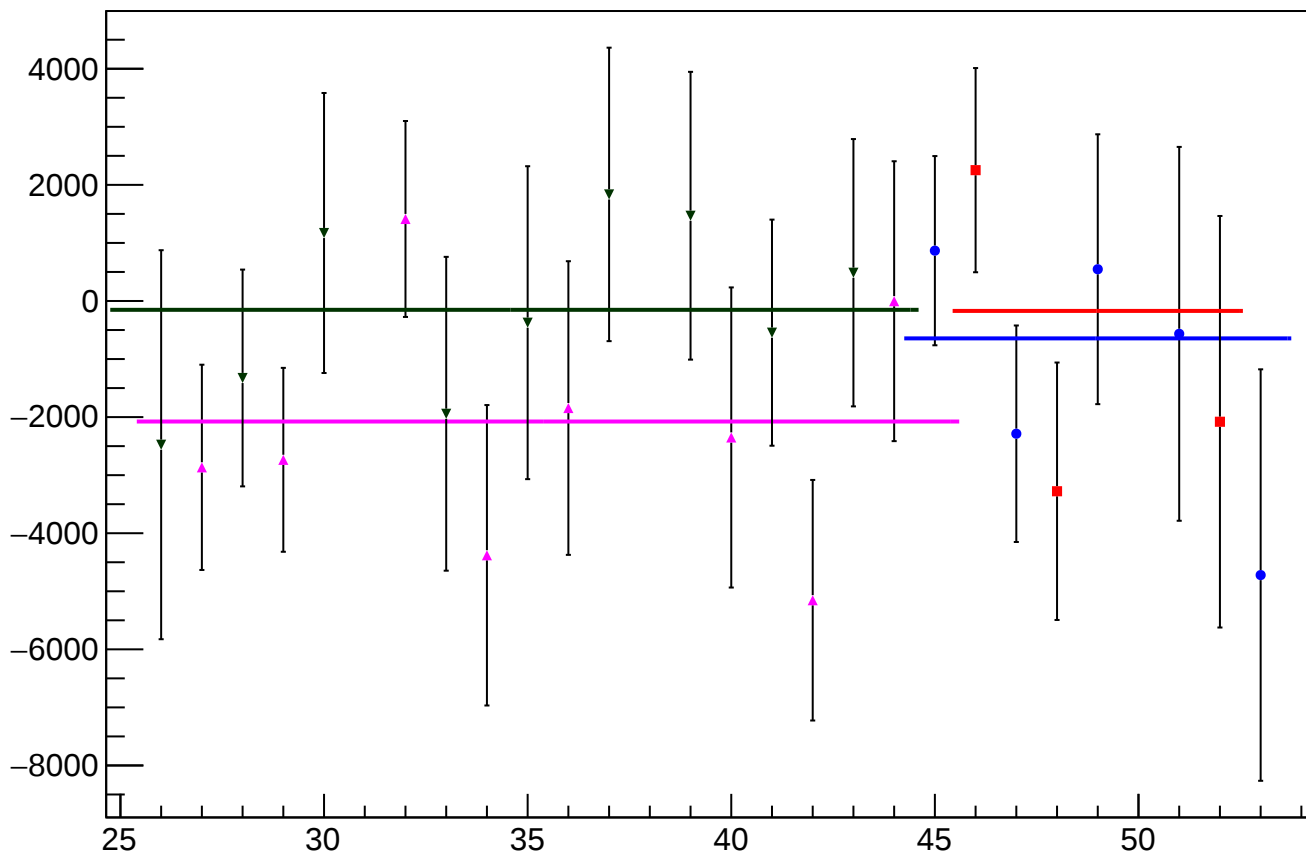
Right Out: 1442.719+/-0.883 χ^2/NDF : 235033.1/2

Left In: 1562.373+/-0.491 χ^2/NDF :74594.6/7

1630.493+/-0.422 χ^2/NDF : 715023.1/13

1534.142+/-0.429 χ^2/NDF : 323647.3/10

asym_atr_avg_mean vs slug



Right In: -644.128+/-987.480 χ^2/NDF : 3.2/4

Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

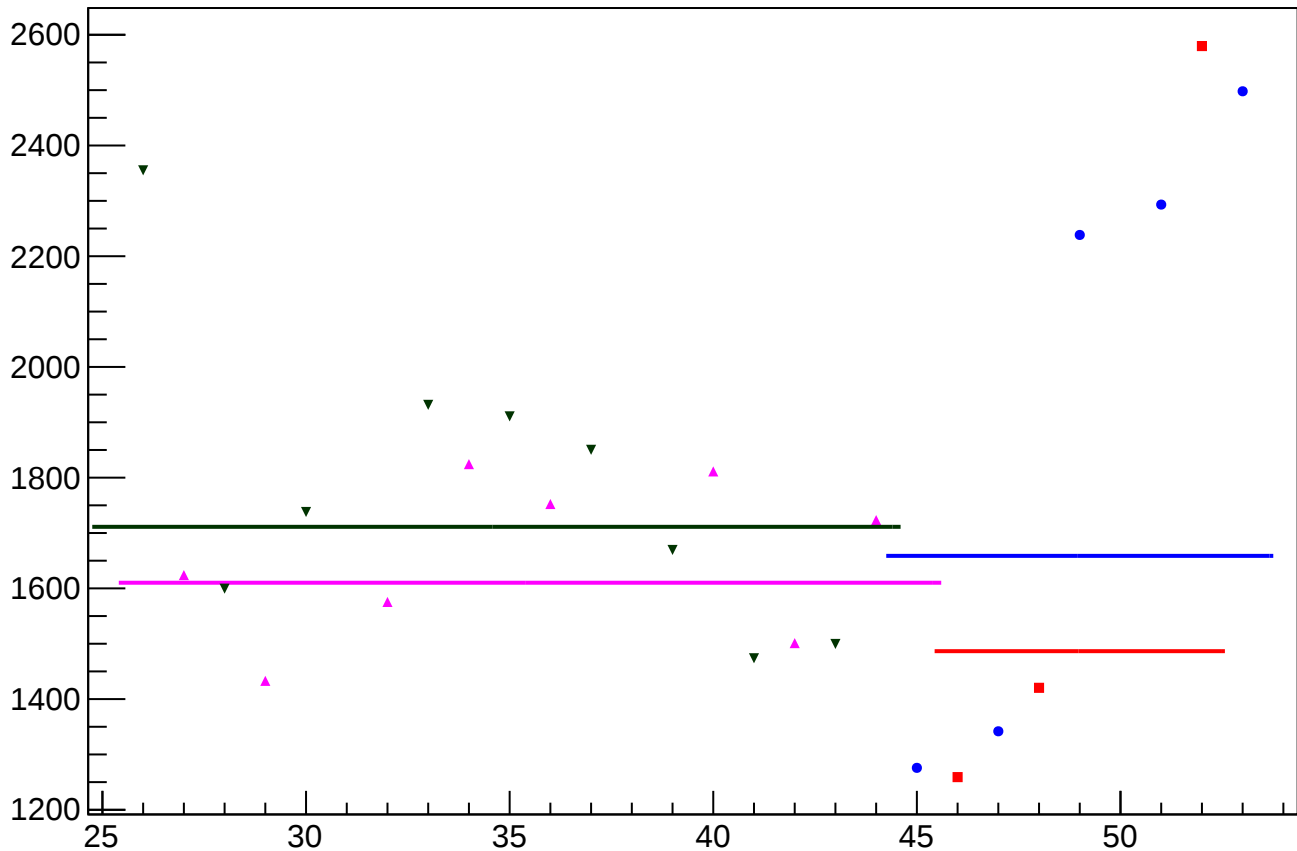
Right Out: -170.975+/-1284.172 χ^2/NDF : 4.2/2

Left In: -2075.972+/-719.755 χ^2/NDF : 8.4/7

-344.762+/-617.818 χ^2/NDF : 6.2/13

-1620.591+/-627.861 χ^2/NDF : 14.2/10

asym_atr_avg_rms vs slug



Right In: 1658.731+/-0.698 χ^2/NDF : 482521.1/4

Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

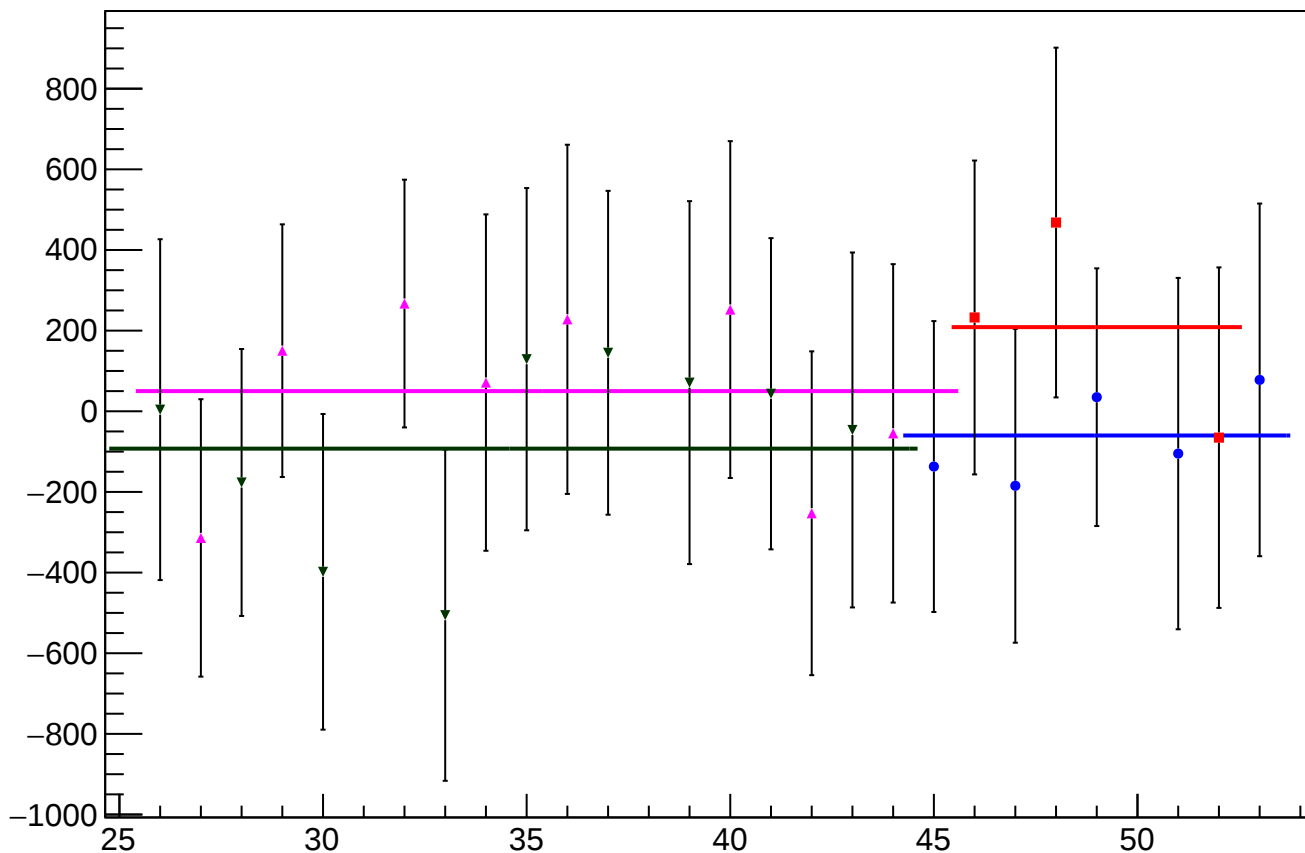
Right Out: 1486.563+/-0.908 χ^2/NDF : 225499.5/2

Left In: 1610.194+/-0.509 χ^2/NDF :68104.2/7

1690.655+/-0.437 χ^2/NDF : 644777.2/13

1580.641+/-0.444 χ^2/NDF : 307709.4/10

reg_asym_atr_dd_mean vs slug



Right In: -60.042 ± 170.049 χ^2/NDF : 0.3/4

Left Out: -92.623 ± 133.933 χ^2/NDF : 2.6/8

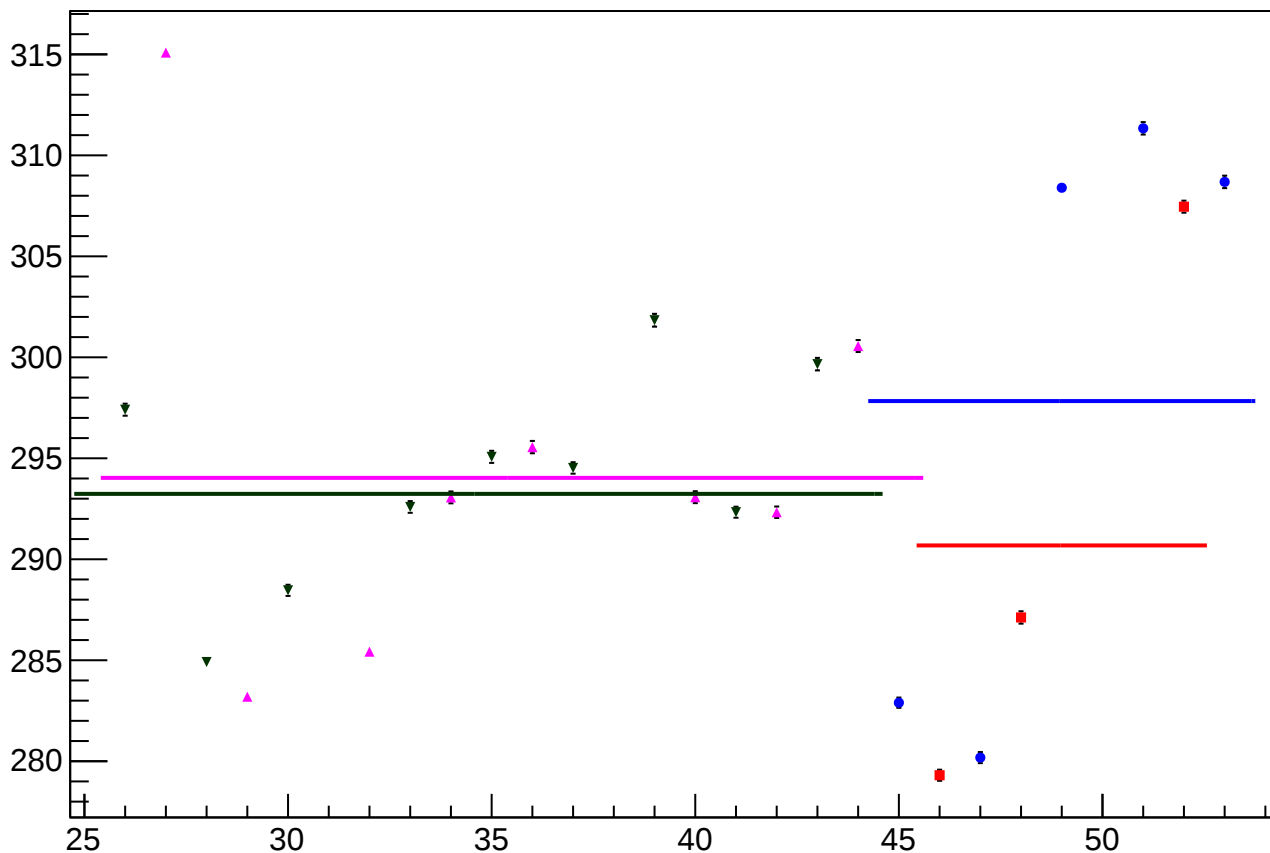
Right Out: 208.681 ± 238.840 χ^2/NDF : 0.8/2

Left In: 50.044 ± 131.389 χ^2/NDF : 2.8/7

-80.150 ± 105.217 χ^2/NDF : 3.0/13

86.898 ± 115.120 χ^2/NDF : 3.9/10

reg_asym_atr_dd_rms vs slug



Right In: 297.833+/-0.120 χ^2/NDF : 12882.8/4

Left Out: 293.238+/-0.095 χ^2/NDF : 2987.1/8

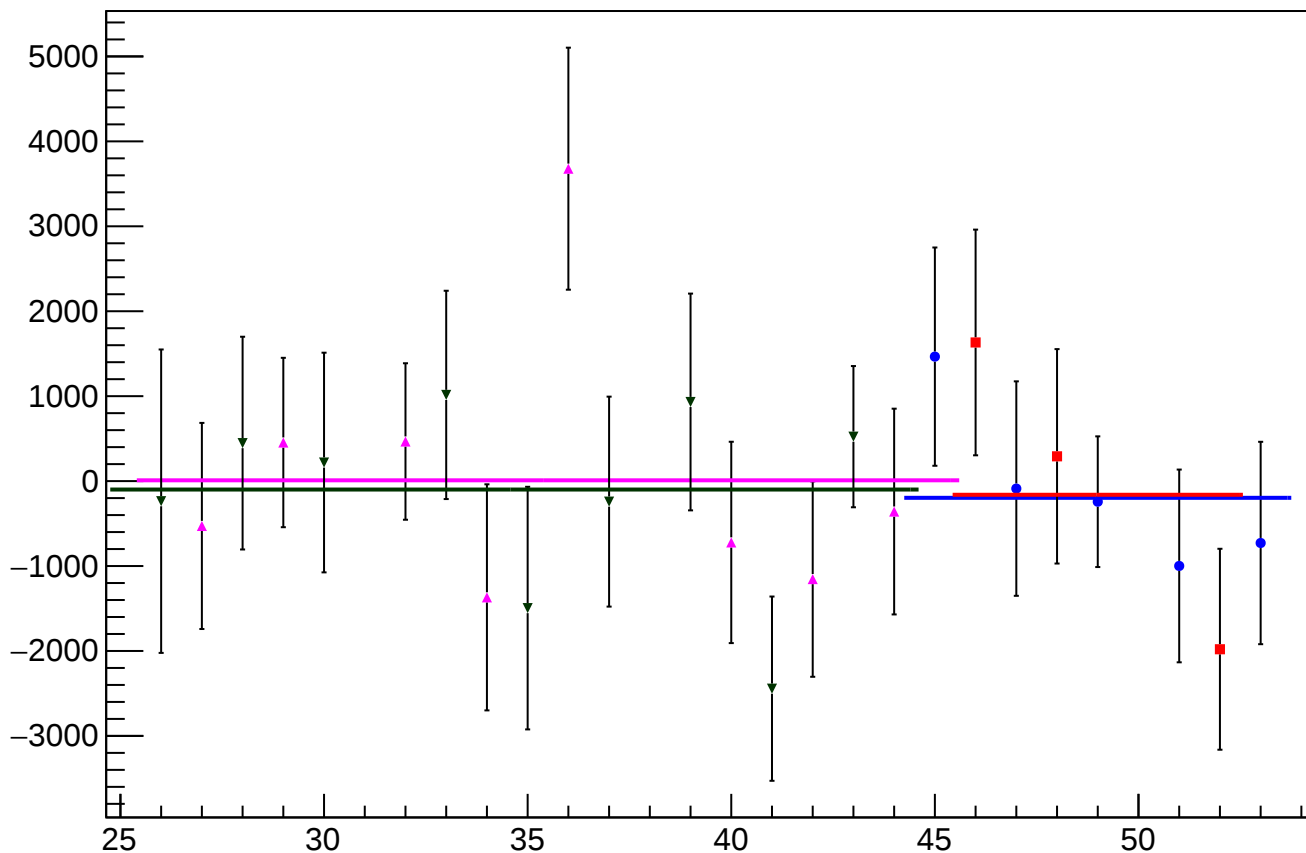
Right Out: 290.685+/-0.169 χ^2/NDF : 5001.5/2

Left In: 294.031+/-0.093 χ^2/NDF : 12021.0/7

294.997+/-0.074 χ^2/NDF : 16771.2/13

293.254+/-0.081 χ^2/NDF : 17323.7/10

asym_atr_dd_correction_mean vs slug



Right In: -196.815 ± 476.533 $\chi^2/\text{NDF}: 2.4/4$

Left Out: -99.338 ± 399.387 $\chi^2/\text{NDF}: 7.9/8$

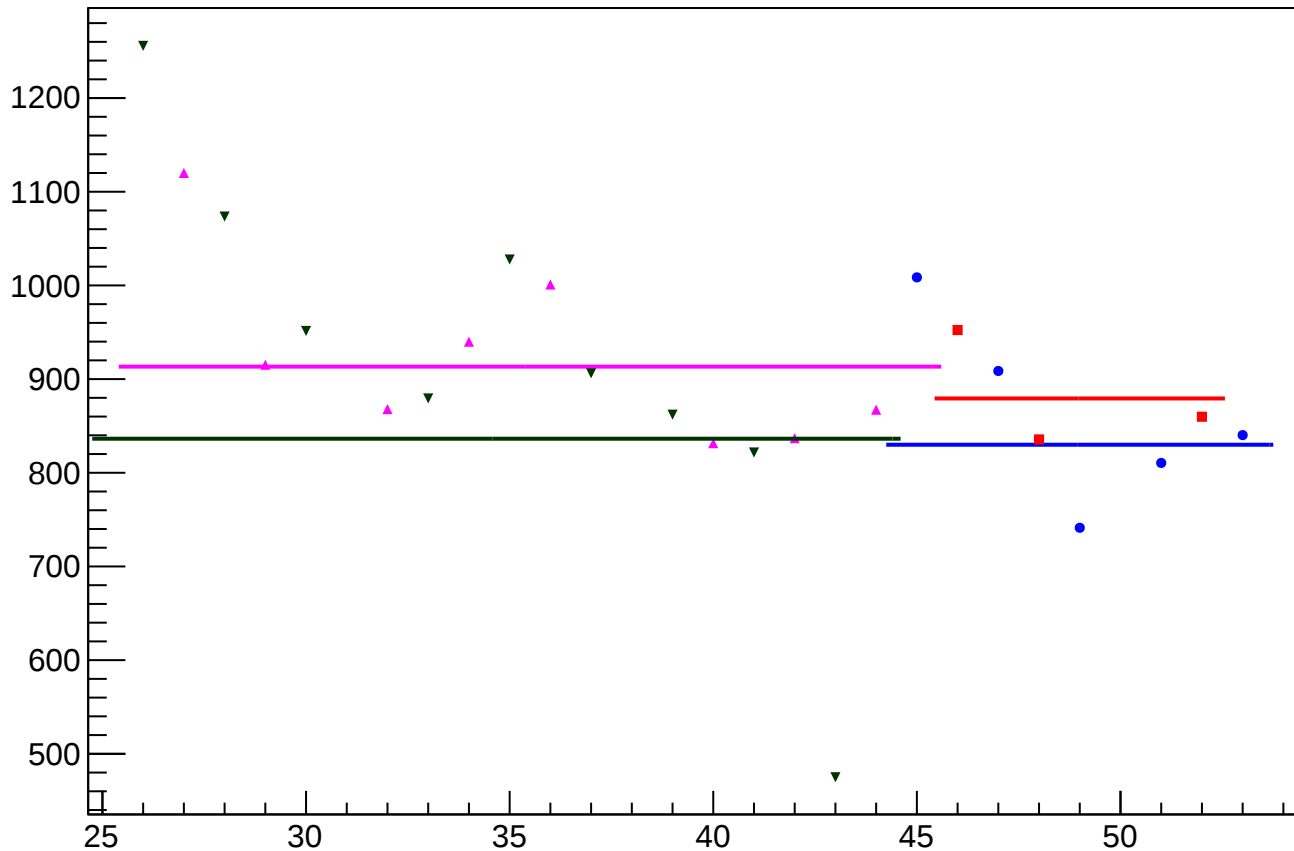
Right Out: -160.918 ± 723.815 $\chi^2/\text{NDF}: 4.3/2$

Left In: 9.316 ± 405.898 $\chi^2/\text{NDF}: 9.8/7$

-139.557 ± 306.097 $\chi^2/\text{NDF}: 10.3/13$

-31.410 ± 354.032 $\chi^2/\text{NDF}: 14.2/10$

asym_atr_dd_correction_rms vs slug



Right In: 829.935 ± 0.337 χ^2/NDF : 73743.1/4

Left Out: 836.361 ± 0.282 χ^2/NDF : 621502.5/8

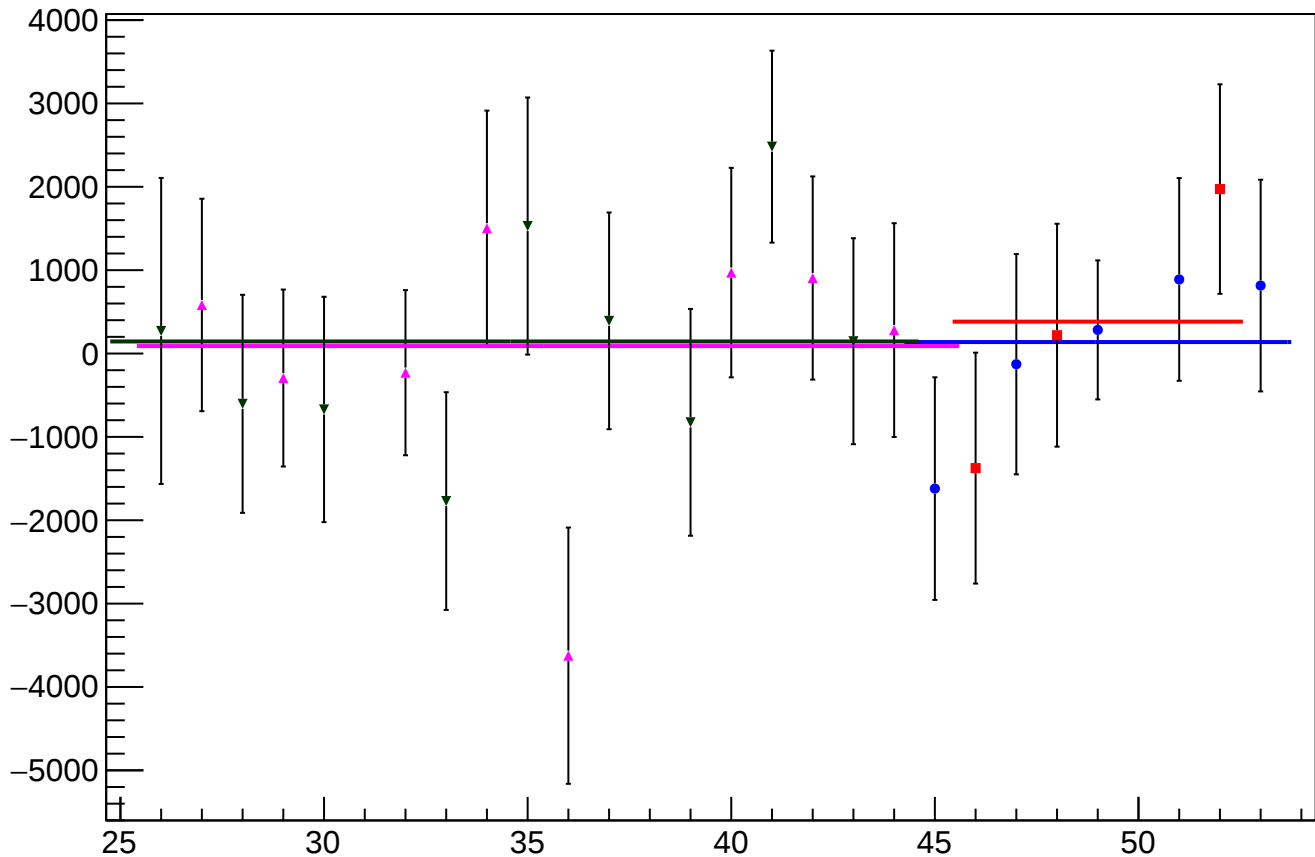
Right Out: 879.331 ± 0.512 χ^2/NDF : 8988.7/2

Left In: 913.324 ± 0.287 χ^2/NDF : 92509.5/7

833.710 ± 0.216 χ^2/NDF : 695459.2/13

905.192 ± 0.250 χ^2/NDF : 104854.0/10

asym_atr_dd_mean vs slug



Right In: 137.617+/-508.405 χ^2/NDF : 2.5/4

Left Out: 144.740+/-448.245 χ^2/NDF : 8.3/8

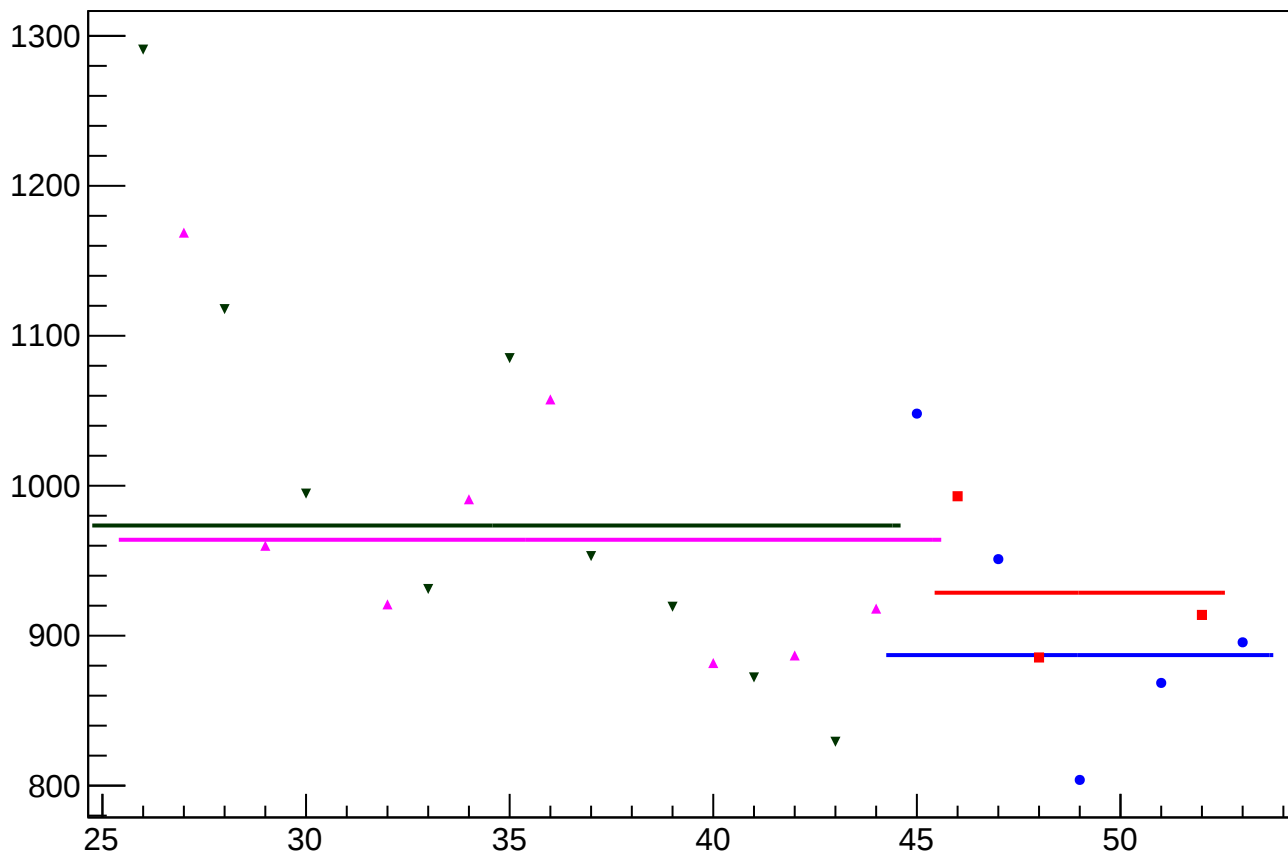
Right Out: 382.436+/-763.872 χ^2/NDF : 3.2/2

Left In: 89.559+/-431.788 χ^2/NDF : 8.2/7

141.625+/-336.225 χ^2/NDF : 10.8/13

160.479+/-375.891 χ^2/NDF : 11.5/10

asym_atr_dd_rms vs slug



Right In: 887.054+/-0.359 χ^2/NDF : 54273.6/4

Left Out: 973.478+/-0.317 χ^2/NDF :143582.3/8

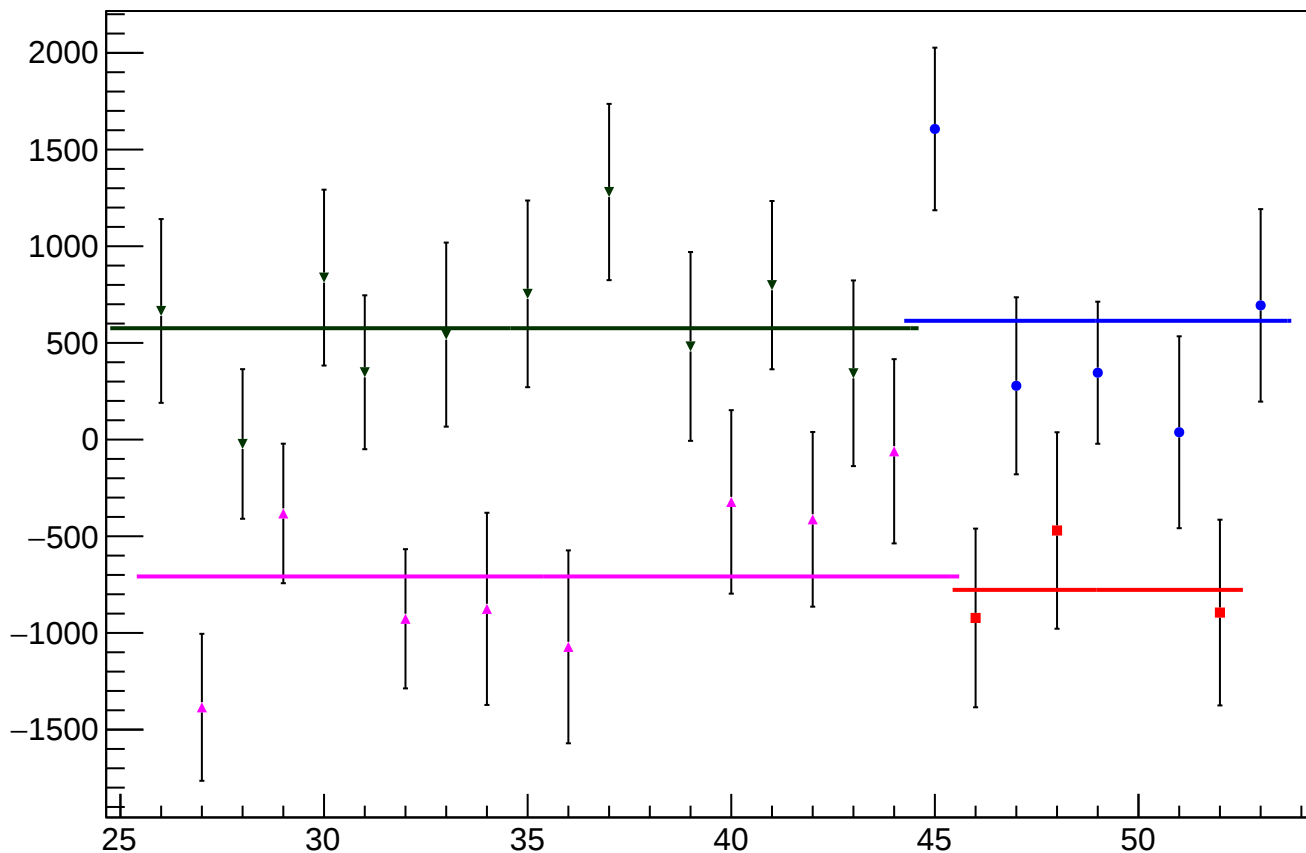
Right Out: 928.653+/-0.540 χ^2/NDF : 6679.4/2

Left In: 963.964+/-0.305 χ^2/NDF :82771.8/7

935.679+/-0.238 χ^2/NDF : 230372.3/13

955.414+/-0.266 χ^2/NDF : 92690.2/10

reg_asym_at1_avg_mean vs slug



Right In: 614.342 $\pm$ 196.375 χ^2 /NDF: 8.0/4

Left Out: 575.997 $\pm$ 142.011 χ^2 /NDF: 6.2/9

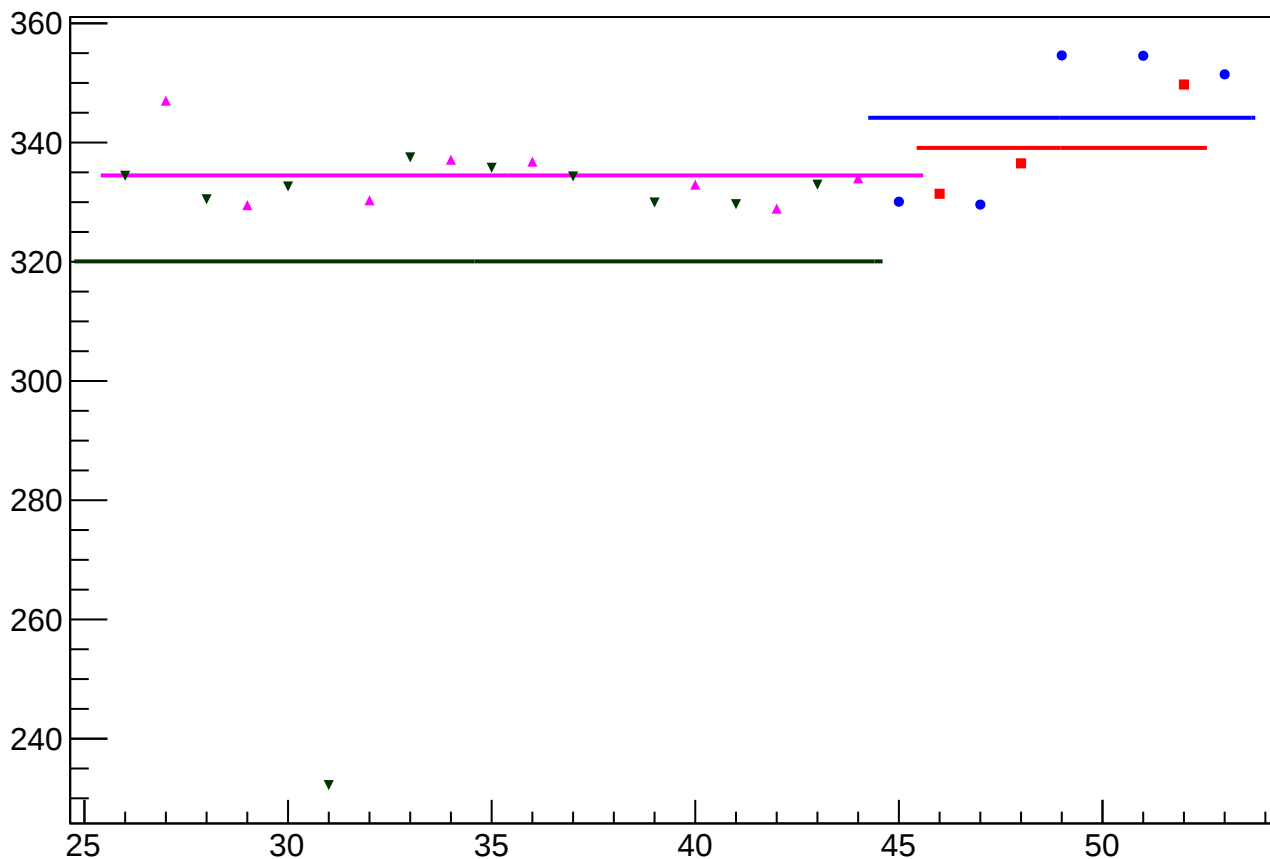
Right Out: -777.245 $\pm$ 278.493 χ^2 /NDF: 0.5/2

Left In: -707.882 $\pm$ 150.536 χ^2 /NDF: 7.9/7

589.164 $\pm$ 115.074 χ^2 /NDF: 14.2/14

-723.566 $\pm$ 132.427 χ^2 /NDF: 8.5/10

reg_asym_at1_avg_rms vs slug



Right In: 344.157+/-0.139 χ^2/NDF : 7195.0/4

Left Out: 320.067+/-0.100 χ^2/NDF :112253.2/9

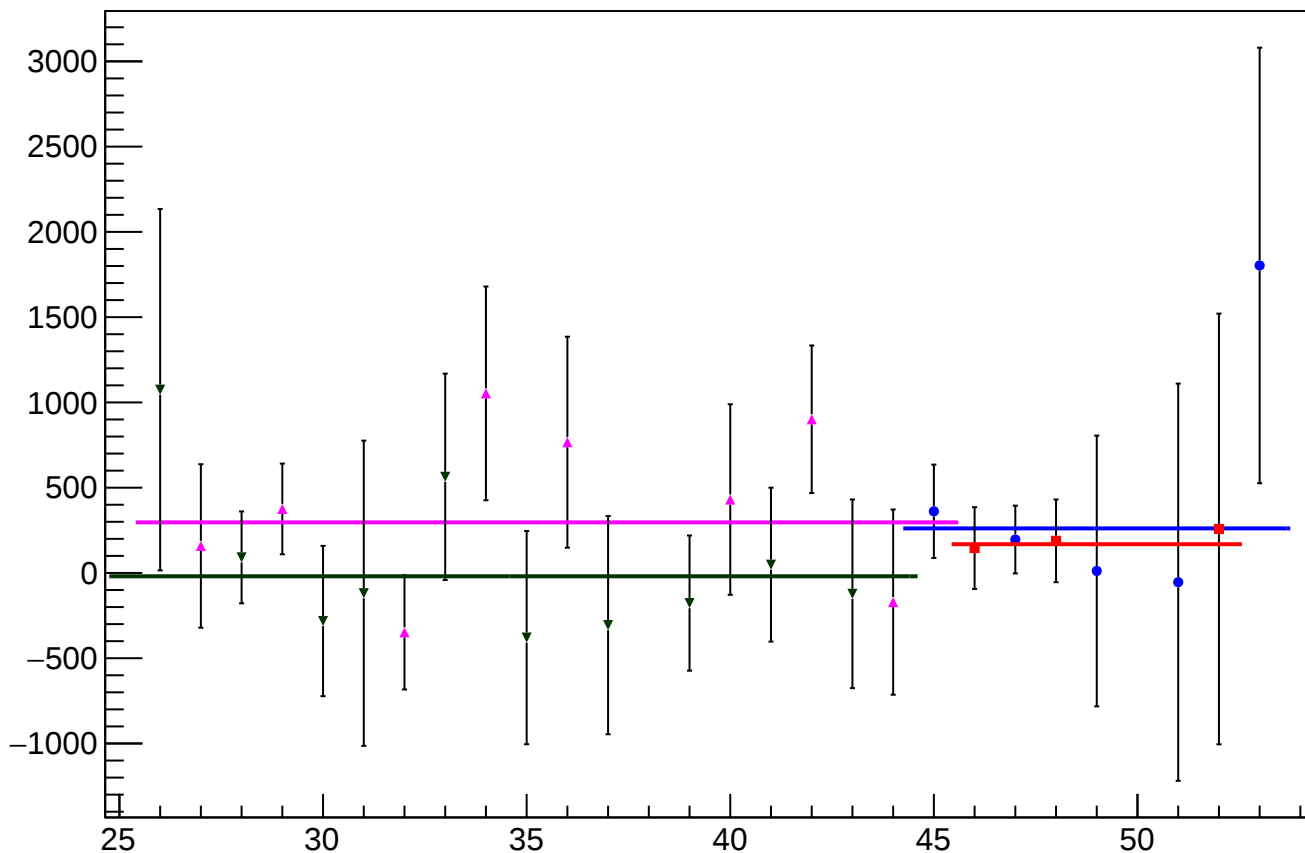
Right Out: 339.106+/-0.197 χ^2/NDF : 1586.3/2

Left In: 334.490+/-0.106 χ^2/NDF :3253.4/7

328.339+/-0.081 χ^2/NDF : 139210.0/14

335.534+/-0.094 χ^2/NDF : 5264.9/10

asym_at1_avg_correction_mean vs slug



Right In: 261.272 $\pm$ 155.036 χ^2 /NDF: 1.9/4

Left Out: -19.517 $\pm$ 151.896 χ^2 /NDF:3.3/9

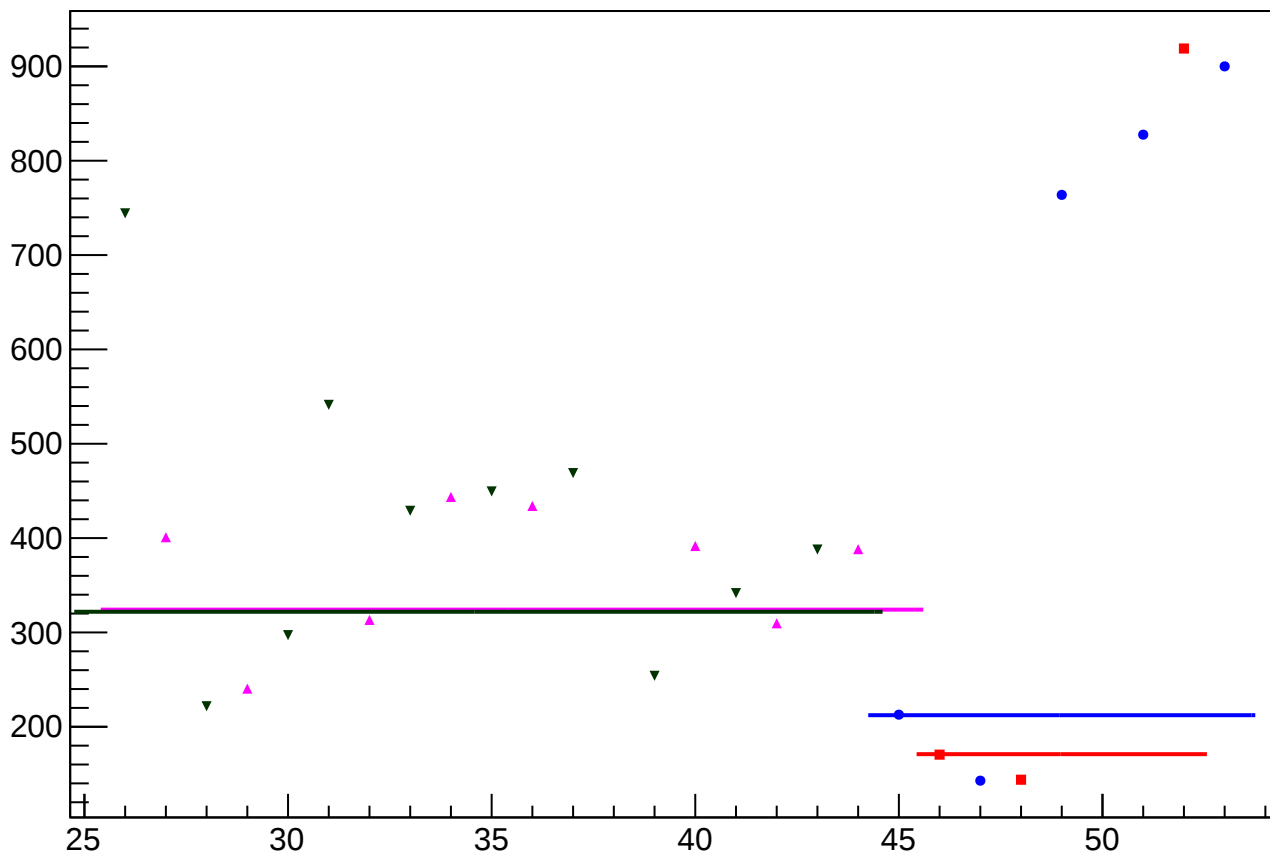
Right Out: 168.578 $\pm$ 168.932 χ^2 /NDF: 0.0/2

Left In: 296.652 $\pm$ 149.919 χ^2 /NDF:8.7/7

118.005 $\pm$ 108.500 χ^2 /NDF: 6.8/14

240.225 $\pm$ 112.131 χ^2 /NDF: 9.0/10

asym_at1_avg_correction_rms vs slug



Right In: 212.277+/-0.110 χ^2/NDF : 2347602.4/4

Left Out: 321.920+/-0.107 χ^2/NDF :1062719.8/9

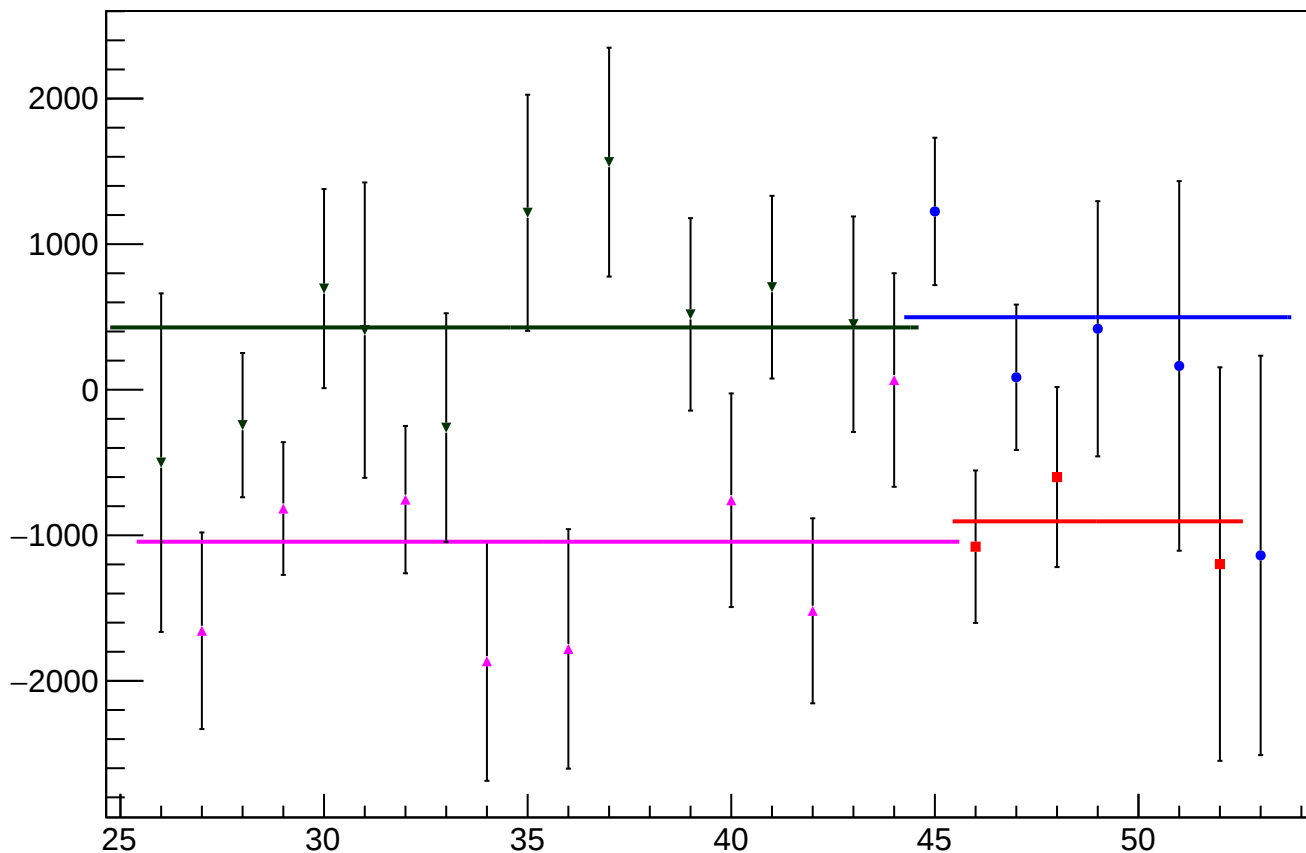
Right Out: 170.970+/-0.119 χ^2/NDF : 726523.6/2

Left In: 324.181+/-0.106 χ^2/NDF :446819.9/7

268.220+/-0.077 χ^2/NDF : 3920697.6/14

256.680+/-0.079 χ^2/NDF : 2093632.4/10

asym_at1_avg_mean vs slug



Right In: 498.044 ± 310.614 $\chi^2/\text{NDF}: 4.2/4$

Left Out: 427.989 ± 227.432 $\chi^2/\text{NDF}: 6.6/9$

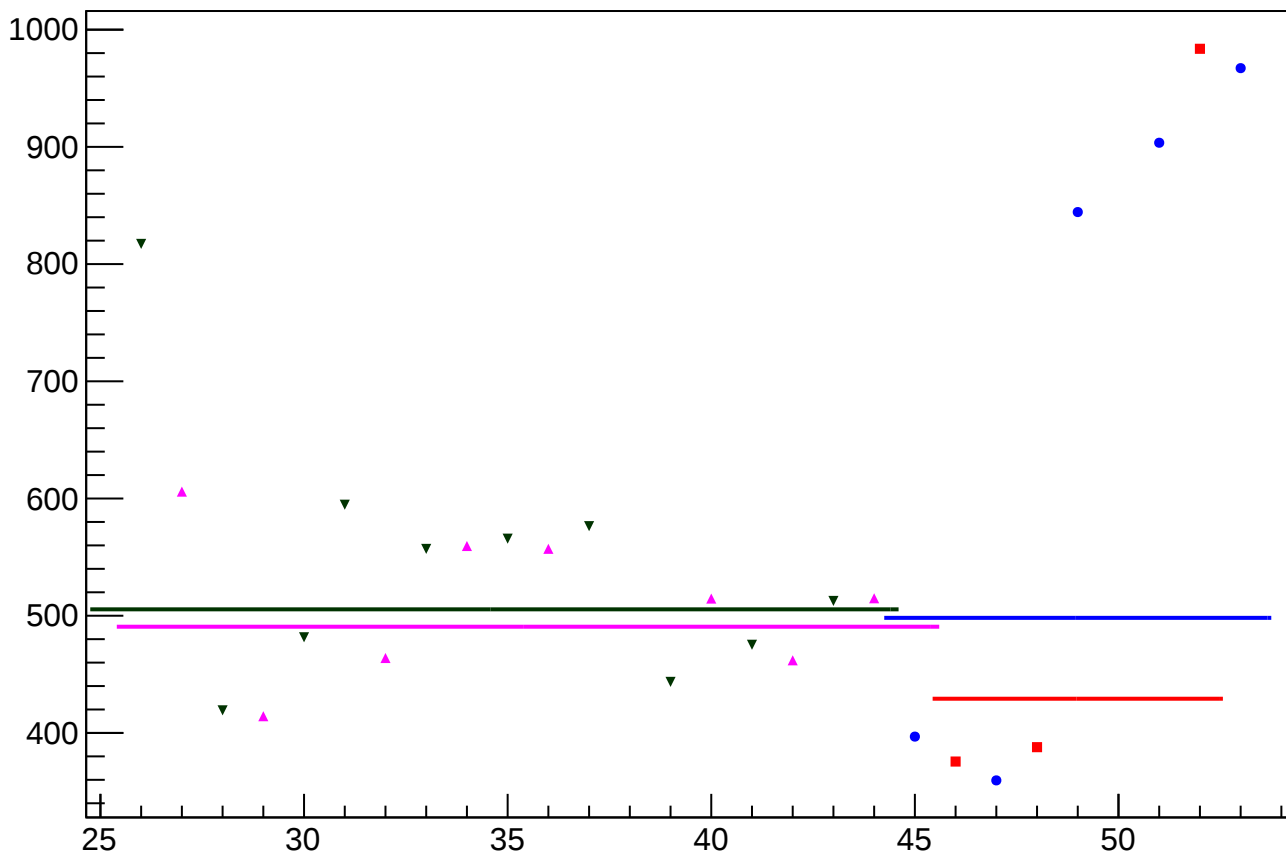
Right Out: -904.115 ± 383.199 $\chi^2/\text{NDF}: 0.4/2$

Left In: -1044.099 ± 223.260 $\chi^2/\text{NDF}: 6.2/7$

452.439 ± 183.501 $\chi^2/\text{NDF}: 10.9/14$

-1008.624 ± 192.907 $\chi^2/\text{NDF}: 6.7/10$

asym_at1_avg_rms vs slug



Right In: 498.189+/-0.220 χ^2/NDF : 983966.2/4

Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

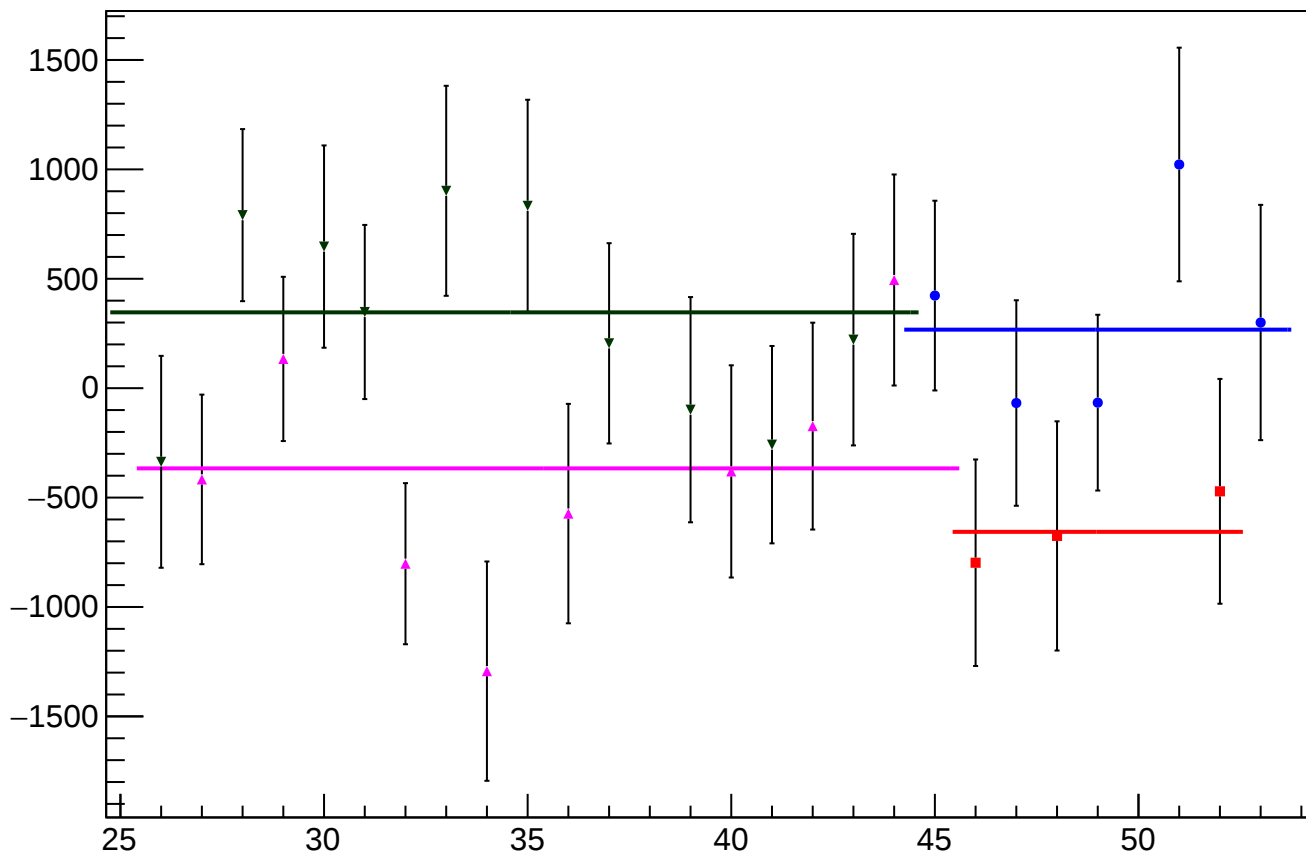
Right Out: 429.189+/-0.271 χ^2/NDF : 366501.1/2

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

502.916+/-0.130 χ^2/NDF : 1265146.9/14

475.056+/-0.136 χ^2/NDF : 560355.3/10

reg_asym_at1_dd_mean vs slug



Right In: 267.535 $\pm$ 208.437 χ^2/NDF : 3.3/4

Left Out: 346.550 $\pm$ 144.244 χ^2/NDF : 8.7/9

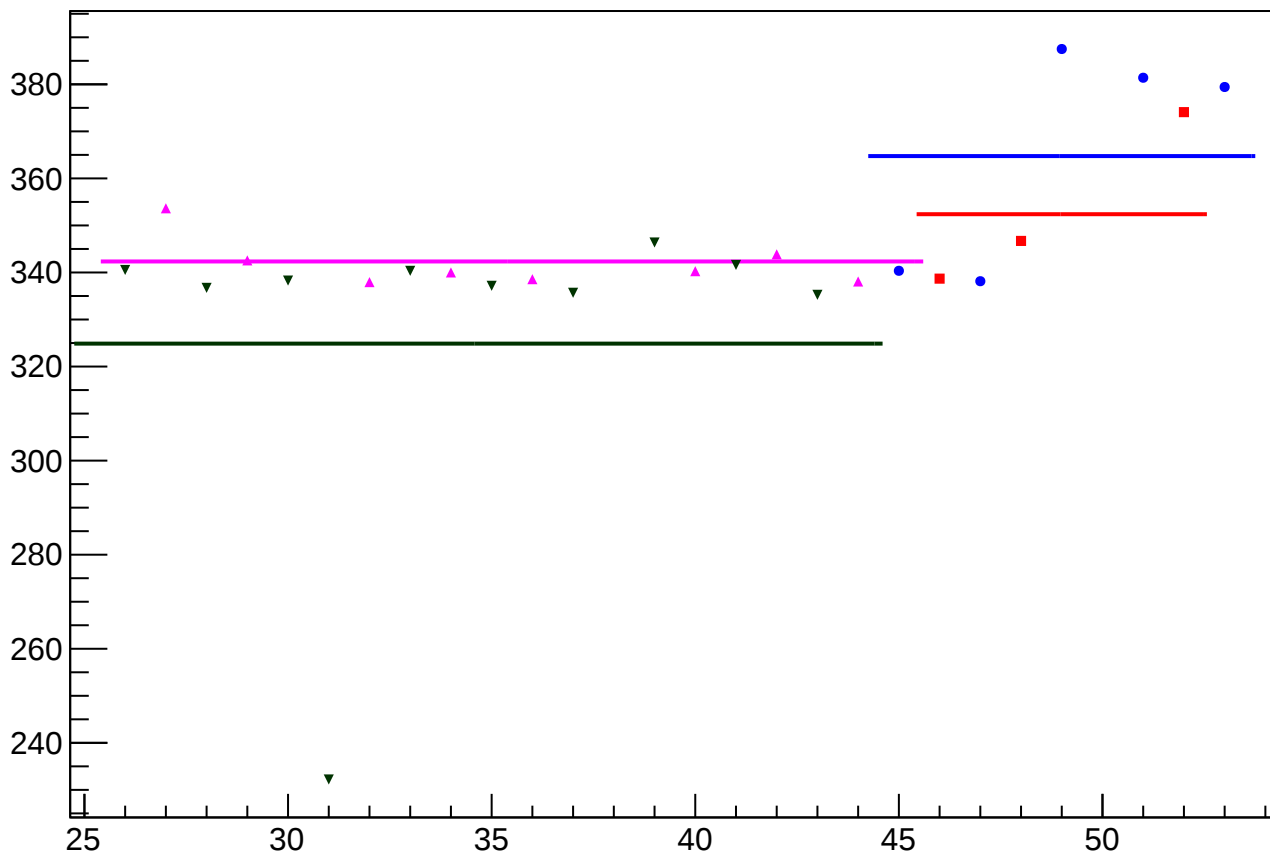
Right Out: -656.605 $\pm$ 289.584 χ^2/NDF : 0.2/2

Left In: -366.596 $\pm$ 154.091 χ^2/NDF : 10.1/7

320.963 $\pm$ 118.612 χ^2/NDF : 12.2/14

-430.590 $\pm$ 136.032 χ^2/NDF : 11.1/10

reg_asym_at1_dd_rms vs slug



Right In: 364.746 $\pm$ 0.147 χ^2 /NDF: 22604.8/4

Left Out: 324.874 $\pm$ 0.102 χ^2 /NDF:125663.8/9

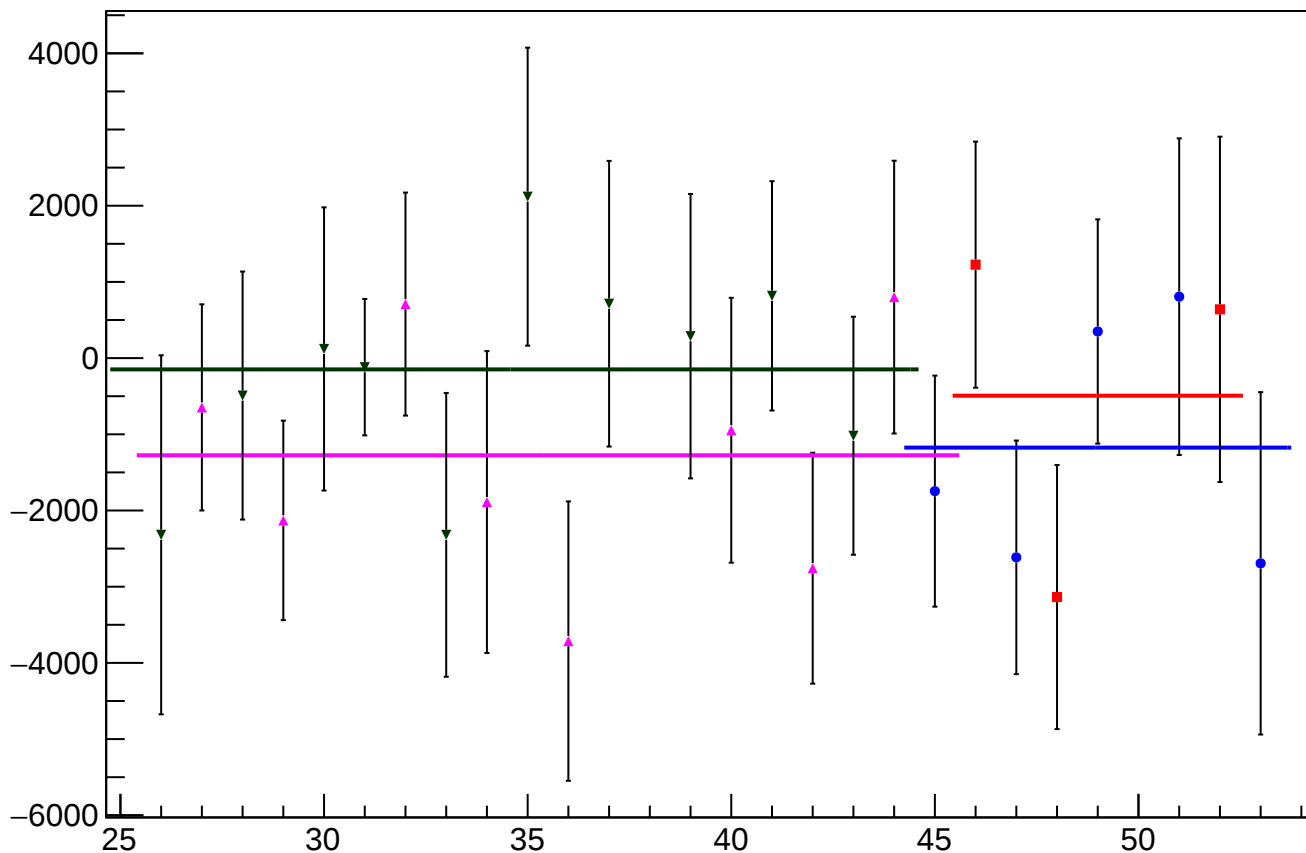
Right Out: 352.390 $\pm$ 0.205 χ^2 /NDF: 5489.6/2

Left In: 342.341 $\pm$ 0.109 χ^2 /NDF:2355.7/7

337.786 $\pm$ 0.084 χ^2 /NDF: 197754.0/14

344.558 $\pm$ 0.096 χ^2 /NDF: 9722.0/10

asym_at1_dd_correction_mean vs slug



Right In: -1174.586 $\pm$ 755.503 χ^2 /NDF: 3.5/4

Left Out: -148.157 $\pm$ 495.767 χ^2 /NDF: 4.6/9

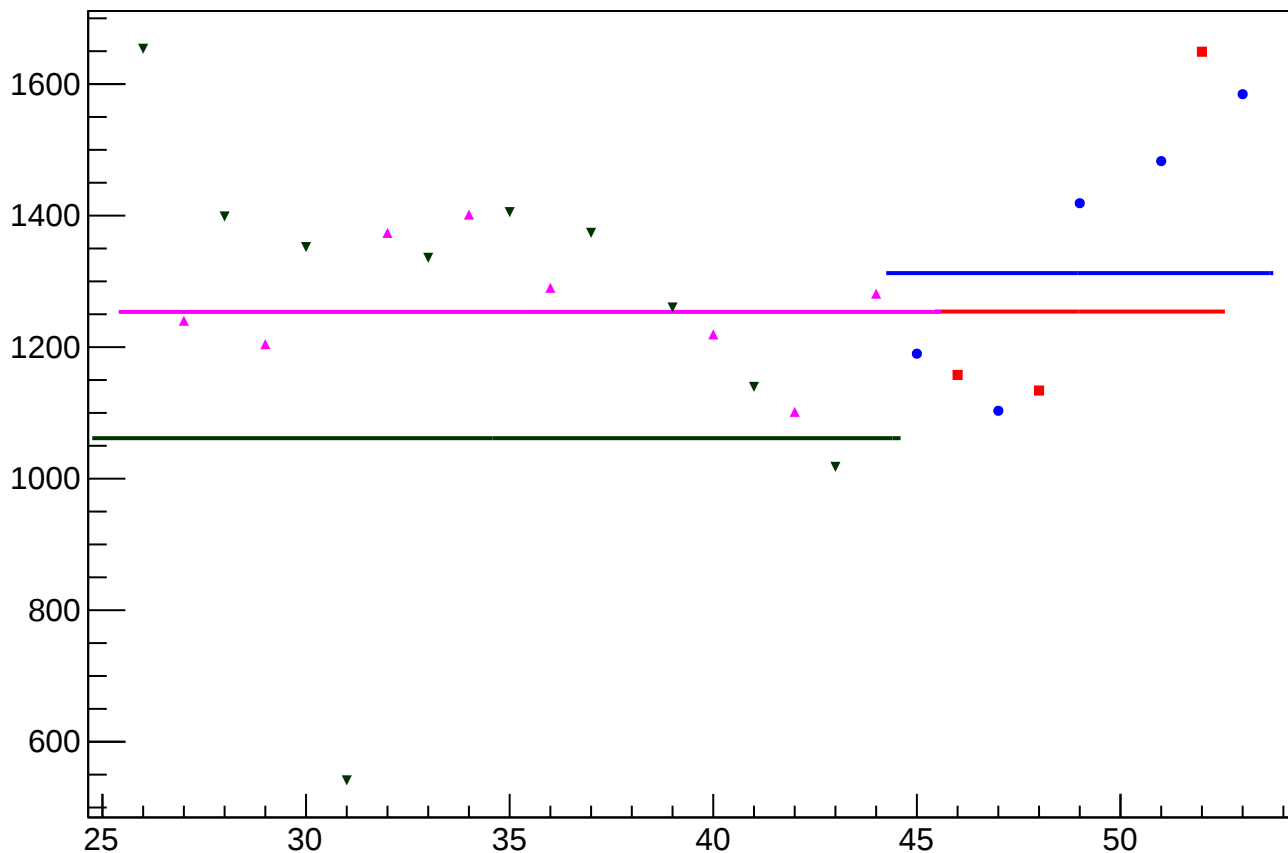
Right Out: -493.186 $\pm$ 1047.679 χ^2 /NDF: 3.7/2

Left In: -1275.202 $\pm$ 556.603 χ^2 /NDF: 6.7/7

-457.109 $\pm$ 414.493 χ^2 /NDF: 9.4/14

-1103.063 $\pm$ 491.540 χ^2 /NDF: 10.8/10

asym_at1_dd_correction_rms vs slug



Right In: 1312.576+/-0.534 χ^2/NDF : 103562.5/4

Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

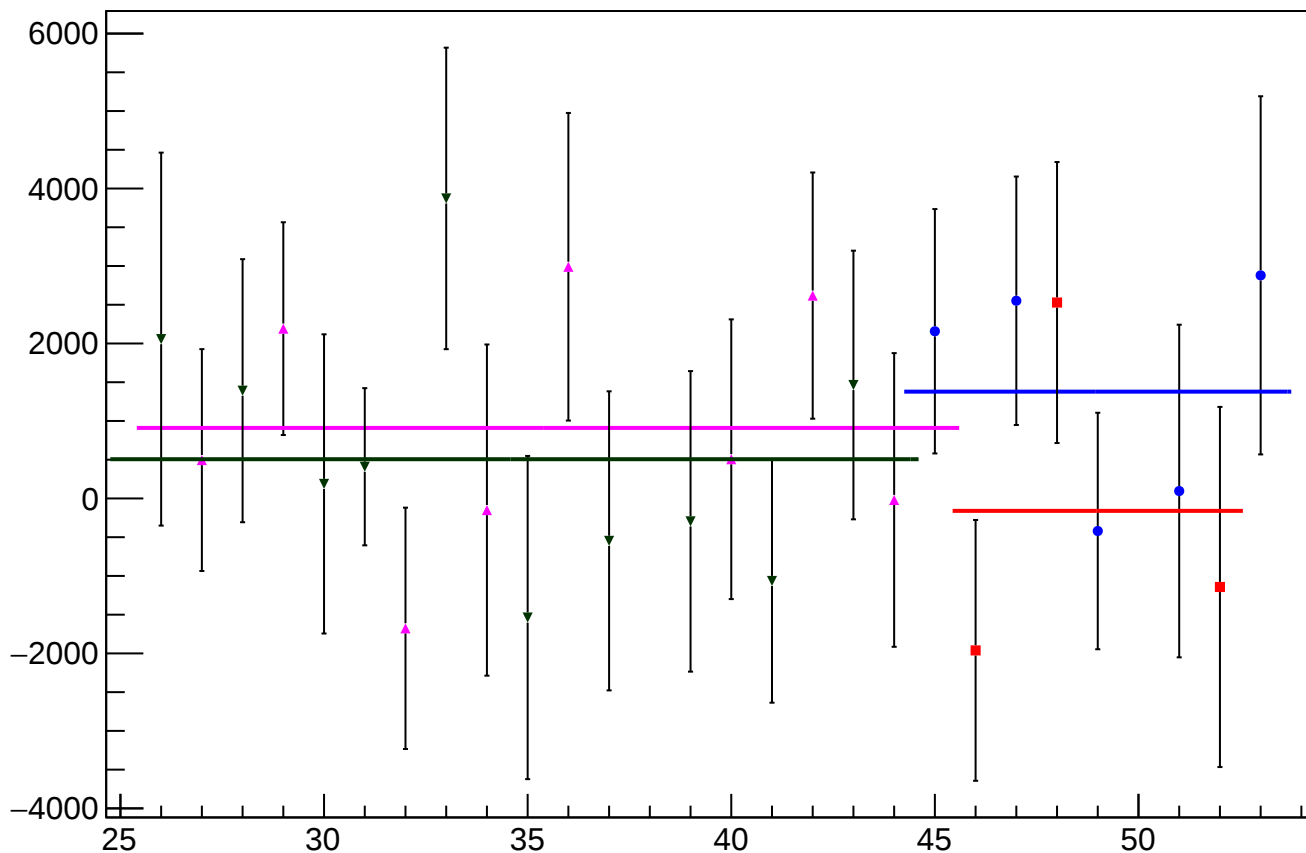
Right Out: 1254.131+/-0.741 χ^2/NDF : 77505.4/2

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

1137.123+/-0.293 χ^2/NDF : 1385197.0/14

1253.695+/-0.348 χ^2/NDF : 127337.1/10

asym_at1_dd_mean vs slug



Right In: 1378.414 $\pm$ 784.567 χ^2/NDF : 2.9/4

Left Out: 506.383 $\pm$ 532.571 χ^2/NDF : 6.4/9

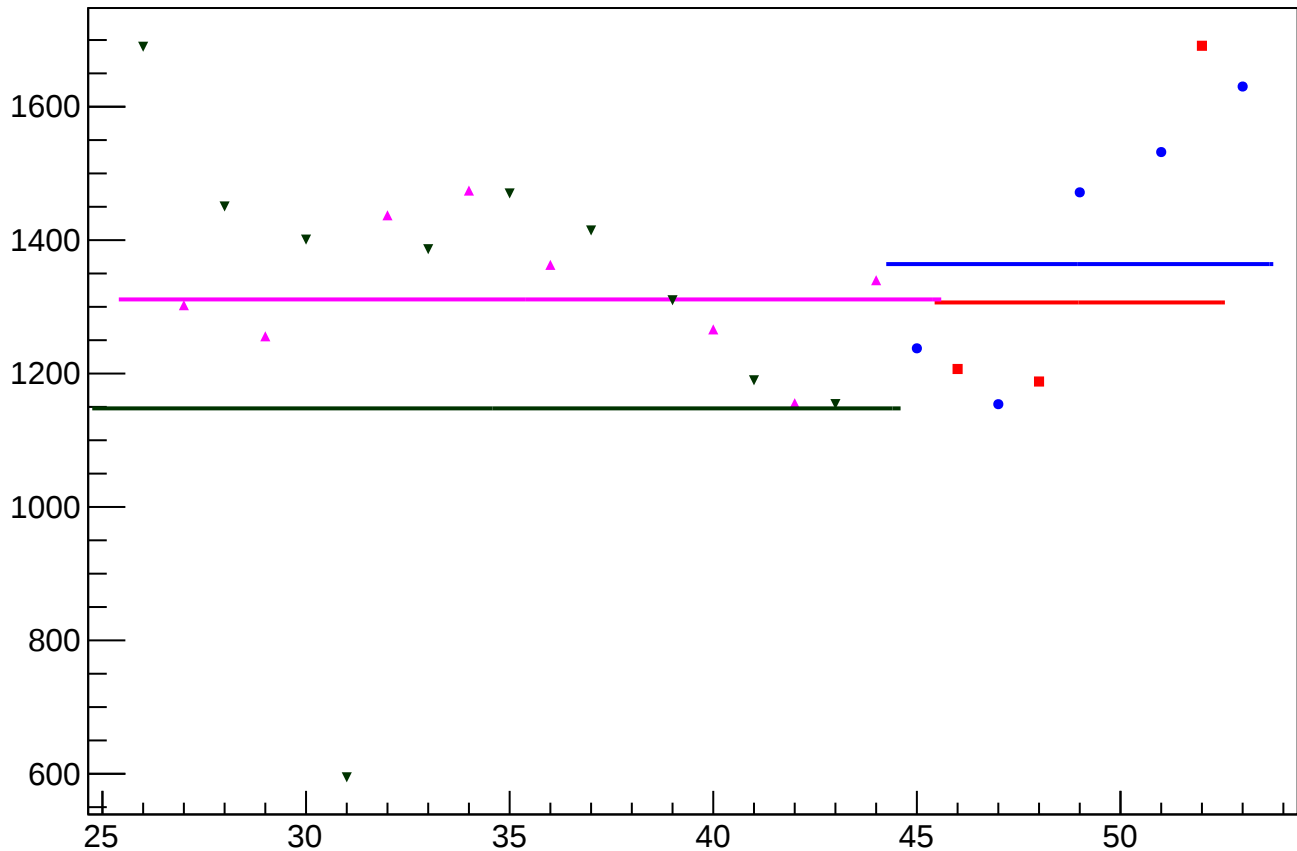
Right Out: -160.302 $\pm$ 1089.663 χ^2/NDF : 3.5/2

Left In: 910.298 $\pm$ 588.767 χ^2/NDF : 6.5/7

781.452 $\pm$ 440.641 χ^2/NDF : 10.2/14

668.371 $\pm$ 517.990 χ^2/NDF : 10.8/10

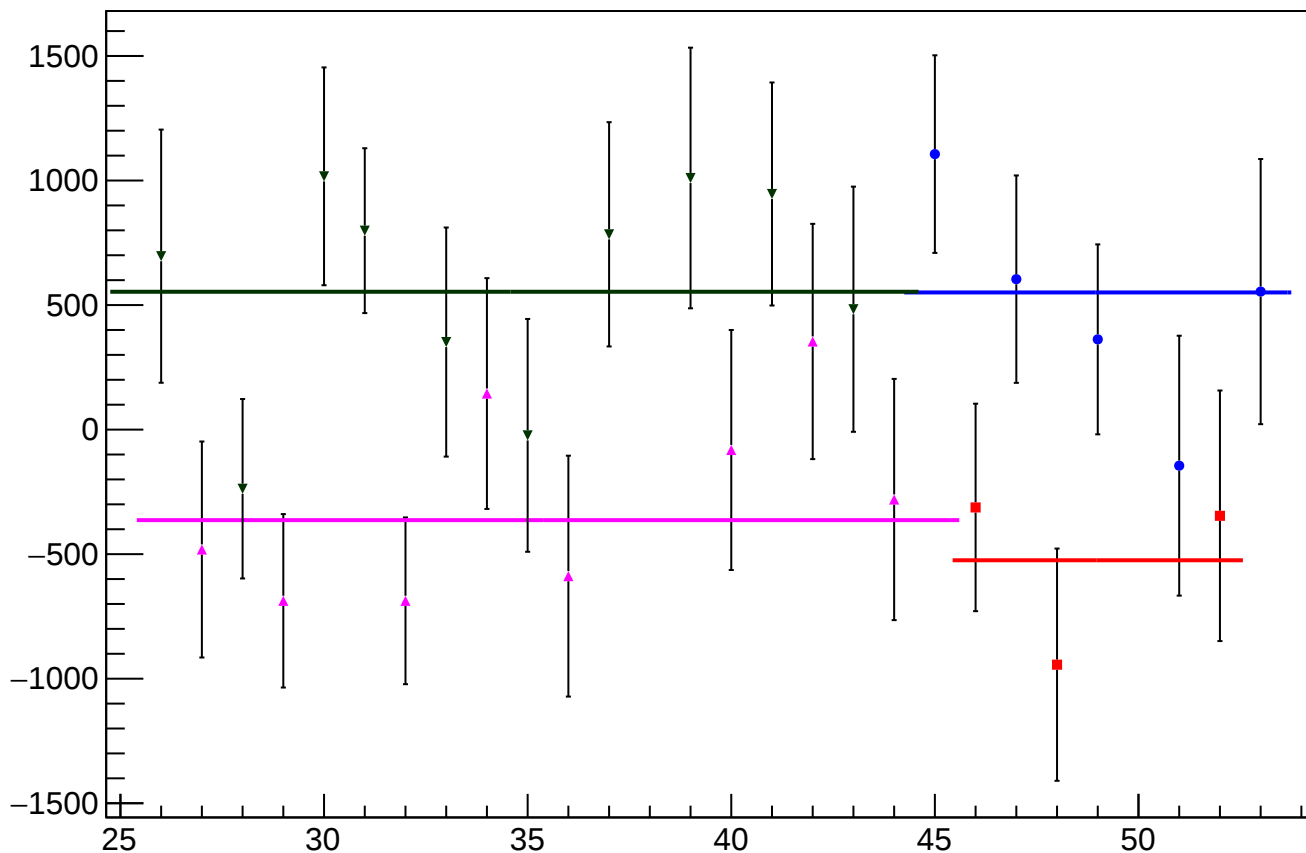
asym_at1_dd_rms vs slug



Right In: 1364.103 ± 0.555 χ^2/NDF : 95833.7/4
 Left Out: 1147.792 ± 0.377 χ^2/NDF : 925332.5/9
 Right Out: 1306.578 ± 0.771 χ^2/NDF : 70394.9/2
 Left In: 1311.120 ± 0.416 χ^2/NDF : 50316.6/7

1216.024 ± 0.312 χ^2/NDF : 1125240.0/14
 1310.093 ± 0.366 χ^2/NDF : 120738.3/10

reg_asym_at2_avg_mean vs slug



Right In: 550.658 $\pm$ 195.342 χ^2 /NDF: 4.0/4

Left Out: 553.456 $\pm$ 137.422 χ^2 /NDF:10.1/9

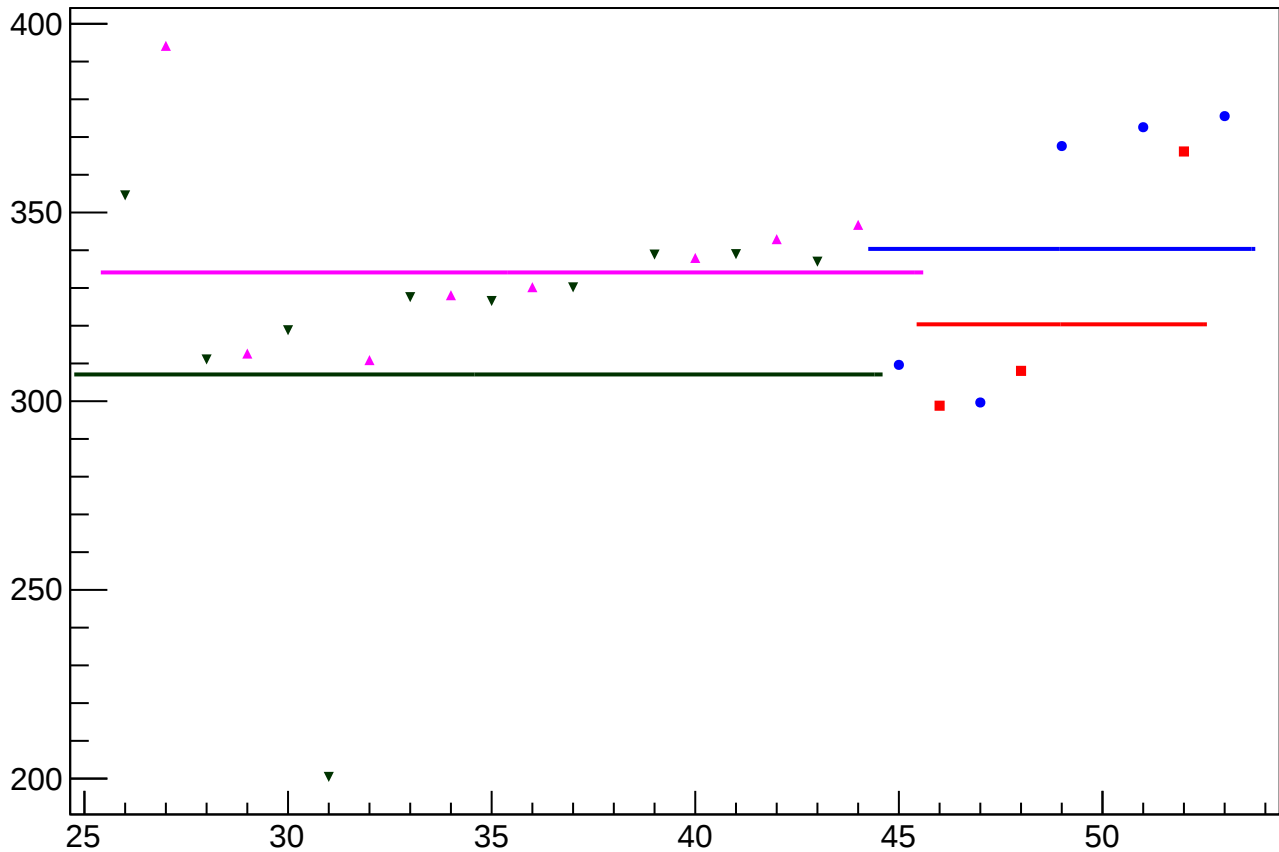
Right Out: -524.570 $\pm$ 264.268 χ^2 /NDF: 1.2/2

Left In: -363.466 $\pm$ 149.927 χ^2 /NDF:6.0/7

552.530 $\pm$ 112.396 χ^2 /NDF: 14.1/14

-402.693 $\pm$ 130.403 χ^2 /NDF: 7.4/10

reg_asym_at2_avg_rms vs slug



Right In: 340.355 ± 0.138 χ^2/NDF : 57714.1/4

Left Out: 307.088 ± 0.097 χ^2/NDF : 264389.0/9

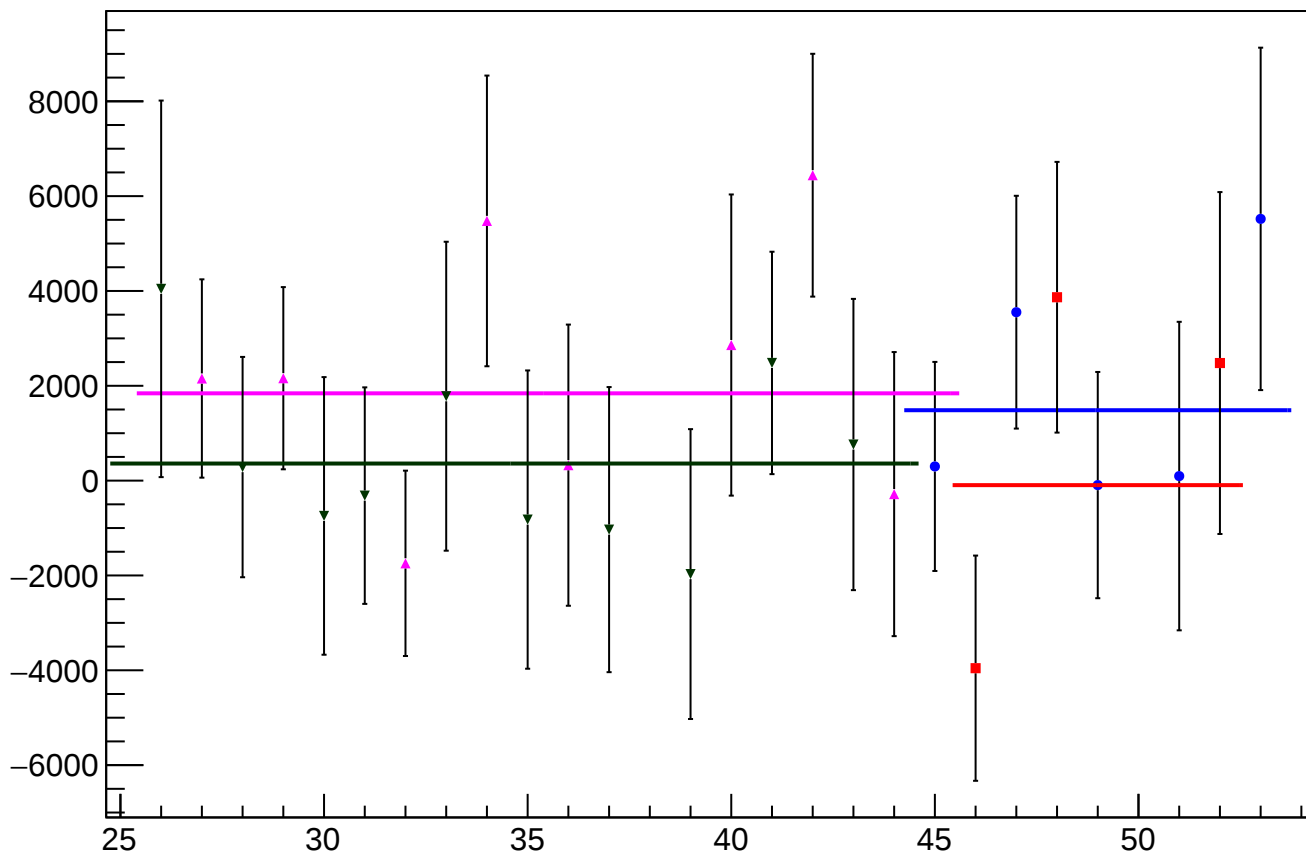
Right Out: 320.371 ± 0.187 χ^2/NDF : 23346.3/2

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

318.101 ± 0.079 χ^2/NDF : 360906.6/14

330.772 ± 0.092 χ^2/NDF : 85703.2/10

asym_at2_avg_correction_mean vs slug



Right In: 1484.859+/-1179.716 χ^2/NDF : 2.9/4

Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

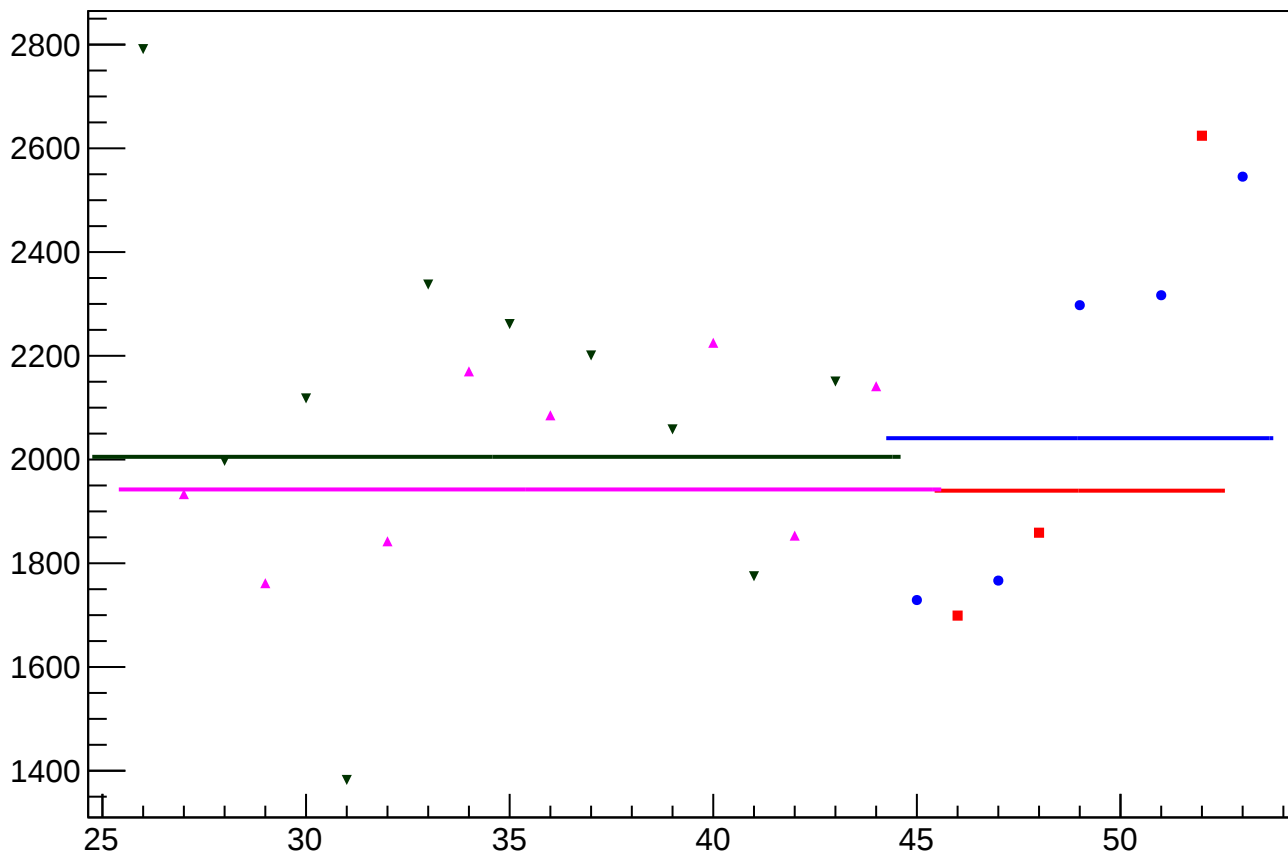
Right Out: -95.178+/-1628.806 χ^2/NDF : 5.1/2

Left In: 1841.139+/-862.403 χ^2/NDF : 8.9/7

769.183+/-711.302 χ^2/NDF : 6.5/14

1417.170+/-762.164 χ^2/NDF : 15.1/10

asym_at2_avg_correction_rms vs slug



Right In: 2041.161 ± 0.834 χ^2/NDF : 141543.6/4

Left Out: 2005.233 ± 0.630 χ^2/NDF : 297094.3/9

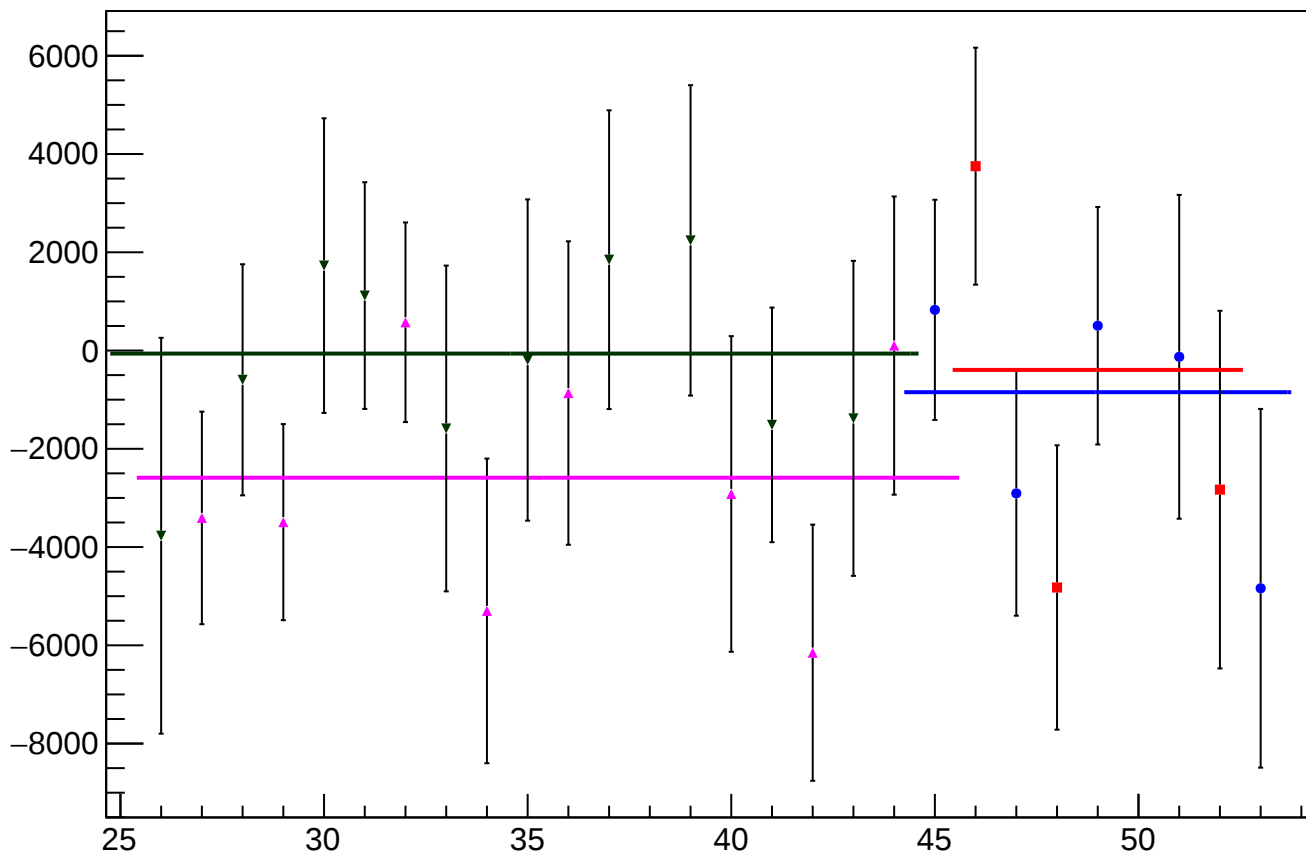
Right Out: 1939.969 ± 1.152 χ^2/NDF : 94239.4/2

Left In: 1942.323 ± 0.610 χ^2/NDF : 65741.6/7

2018.294 ± 0.503 χ^2/NDF : 439818.5/14

1941.808 ± 0.539 χ^2/NDF : 159984.2/10

asym_at2_avg_mean vs slug



Right In: -847.816+/-1196.371 χ^2/NDF : 2.8/4

Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

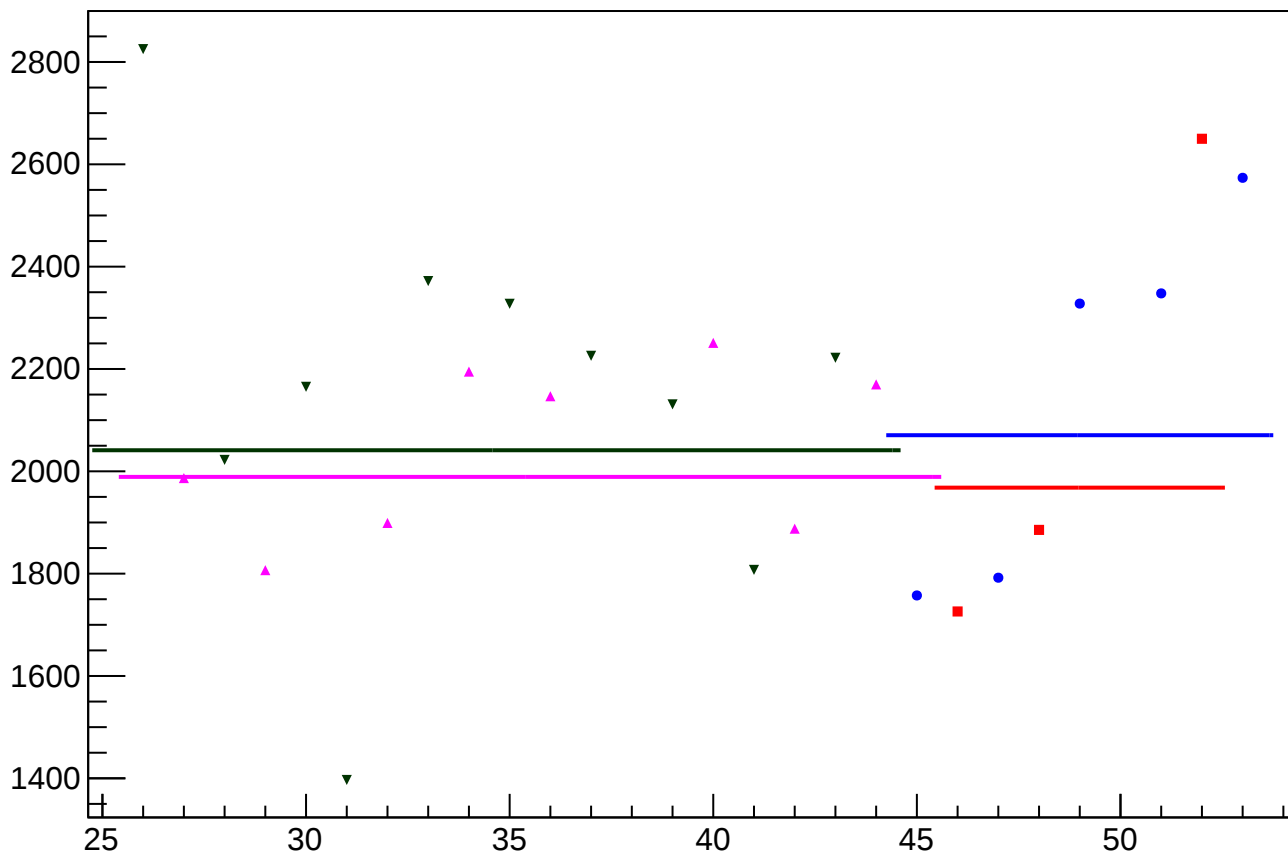
Right Out: -394.071+/-1651.386 χ^2/NDF : 5.7/2

Left In: -2588.988+/-887.904 χ^2/NDF : 6.5/7

-350.057+/-724.408 χ^2/NDF : 6.3/14

-2096.756+/-782.032 χ^2/NDF : 13.6/10

asym_at2_avg_rms vs slug



Right In: 2070.573+/-0.846 χ^2/NDF : 138856.3/4

Left Out: 2041.174+/-0.644 χ^2/NDF : 305006.8/9

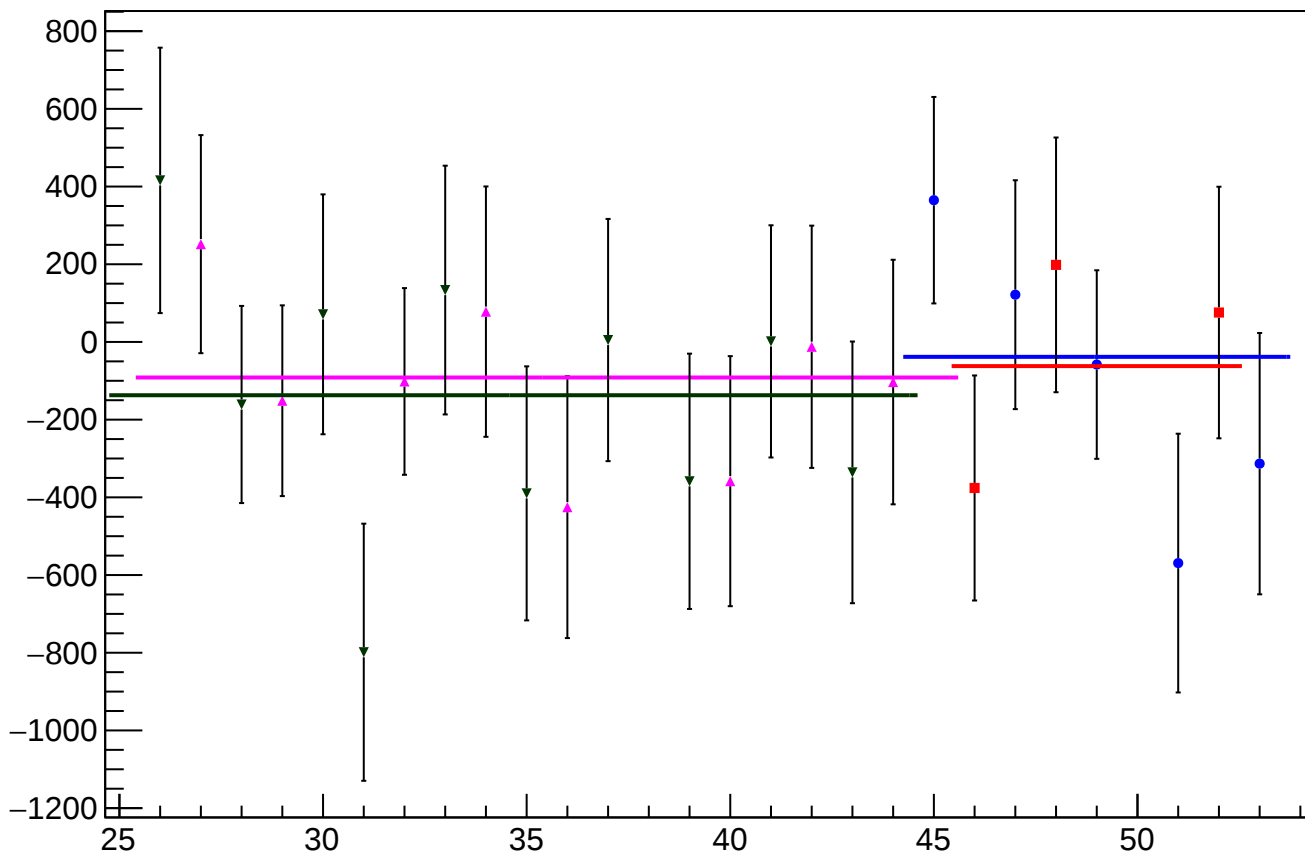
Right Out: 1968.087+/-1.168 χ^2/NDF : 91915.0/2

Left In: 1989.103+/-0.628 χ^2/NDF : 58029.8/7

2051.953+/-0.512 χ^2/NDF : 444628.1/14

1984.390+/-0.553 χ^2/NDF : 150196.2/10

reg_asym_at2_dd_mean vs slug



Right In: -38.342 ± 128.542 χ^2/NDF : 5.8/4

Left Out: -137.146 ± 98.824 χ^2/NDF : 9.6/9

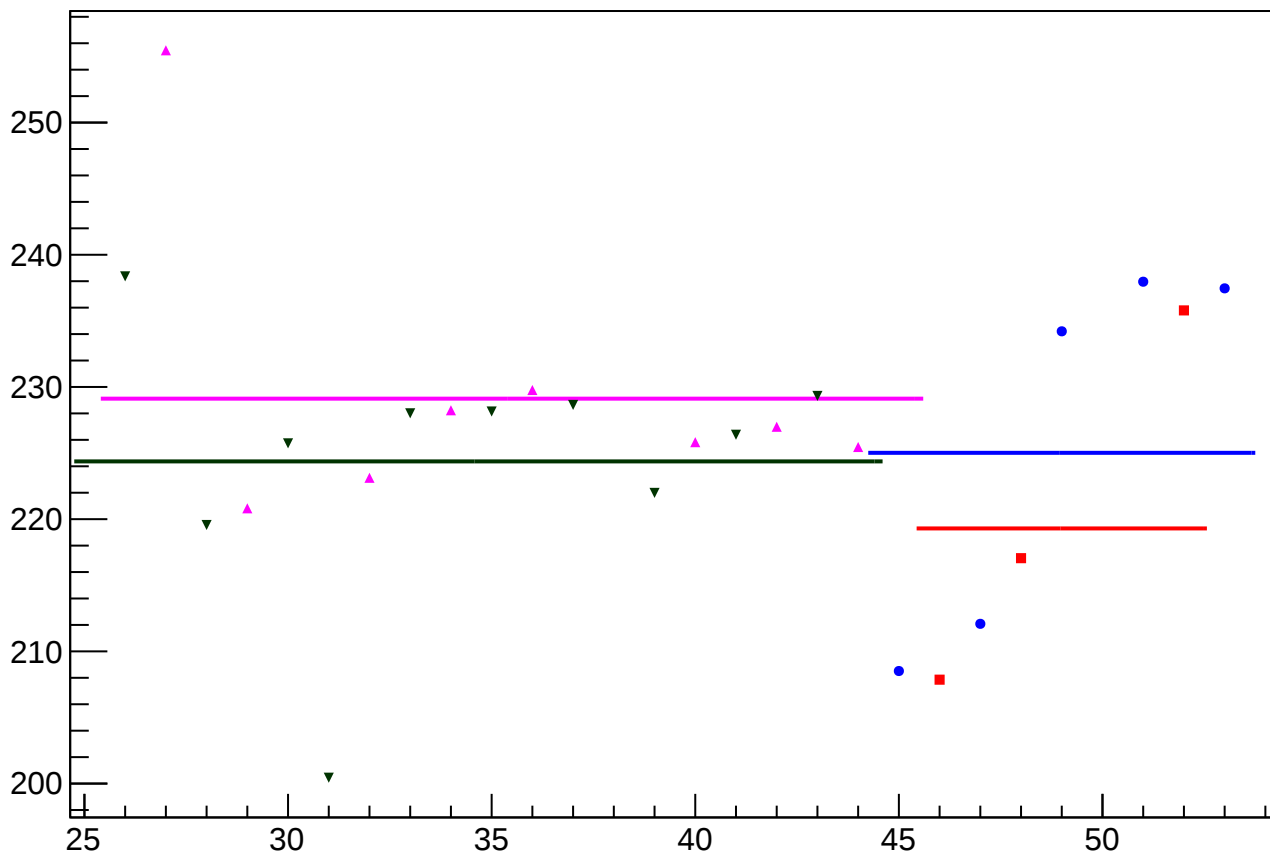
Right Out: -62.186 ± 180.294 χ^2/NDF : 2.0/2

Left In: -91.498 ± 102.557 χ^2/NDF : 3.6/7

-100.441 ± 78.346 χ^2/NDF : 15.8/14

-84.332 ± 89.144 χ^2/NDF : 5.6/10

reg_asym_at2_dd_rms vs slug



Right In: 225.018 $\pm$ 0.091 χ^2 /NDF: 20197.2/4

Left Out: 224.370 $\pm$ 0.070 χ^2 /NDF: 16099.6/9

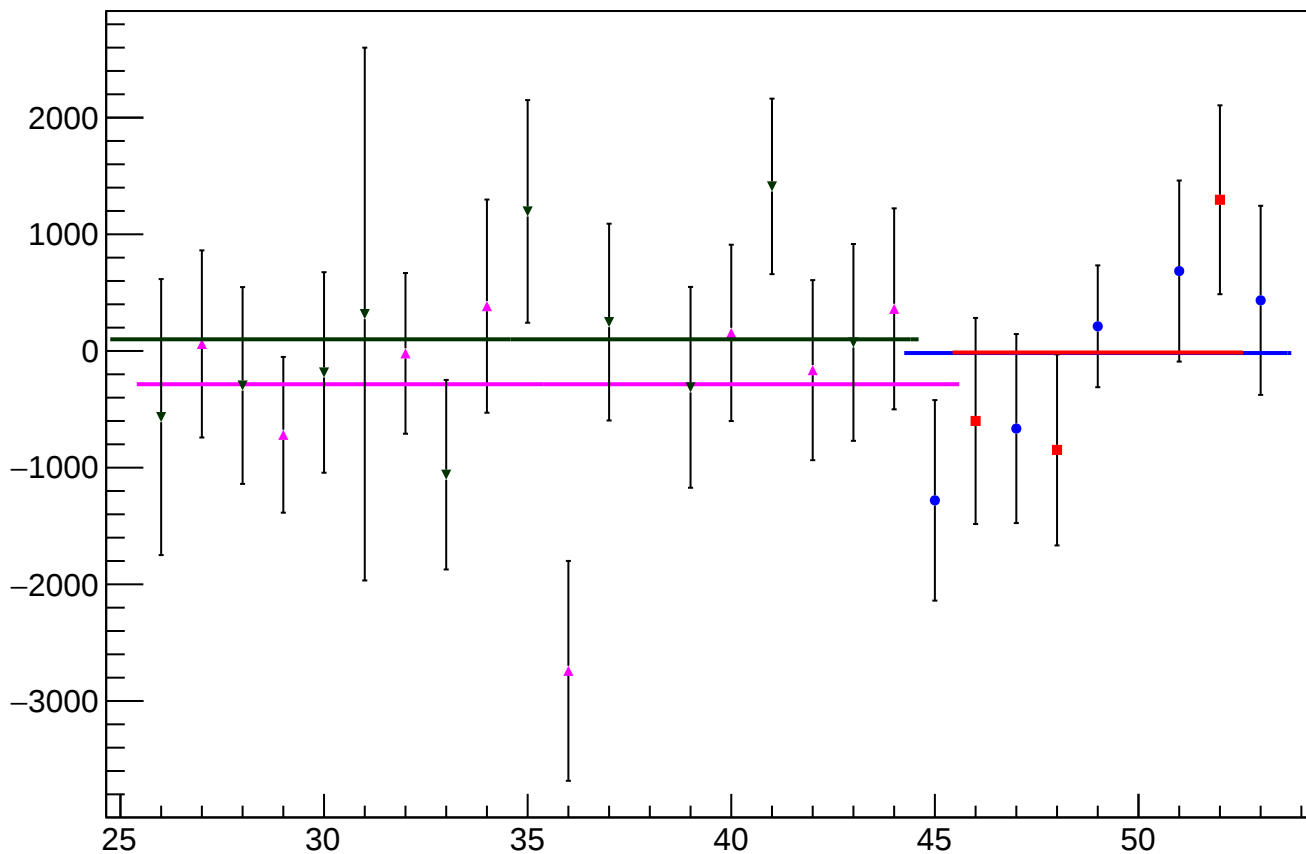
Right Out: 219.299 $\pm$ 0.127 χ^2 /NDF: 8403.3/2

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF: 21747.0/7

224.611 $\pm$ 0.055 χ^2 /NDF: 36328.7/14

226.716 $\pm$ 0.063 χ^2 /NDF: 34630.1/10

asym_at2_dd_correction_mean vs slug



Right In: -17.652 $\pm$ 320.597 χ^2/NDF : 4.1/4

Left Out: 100.061 $\pm$ 286.186 χ^2/NDF : 7.3/9

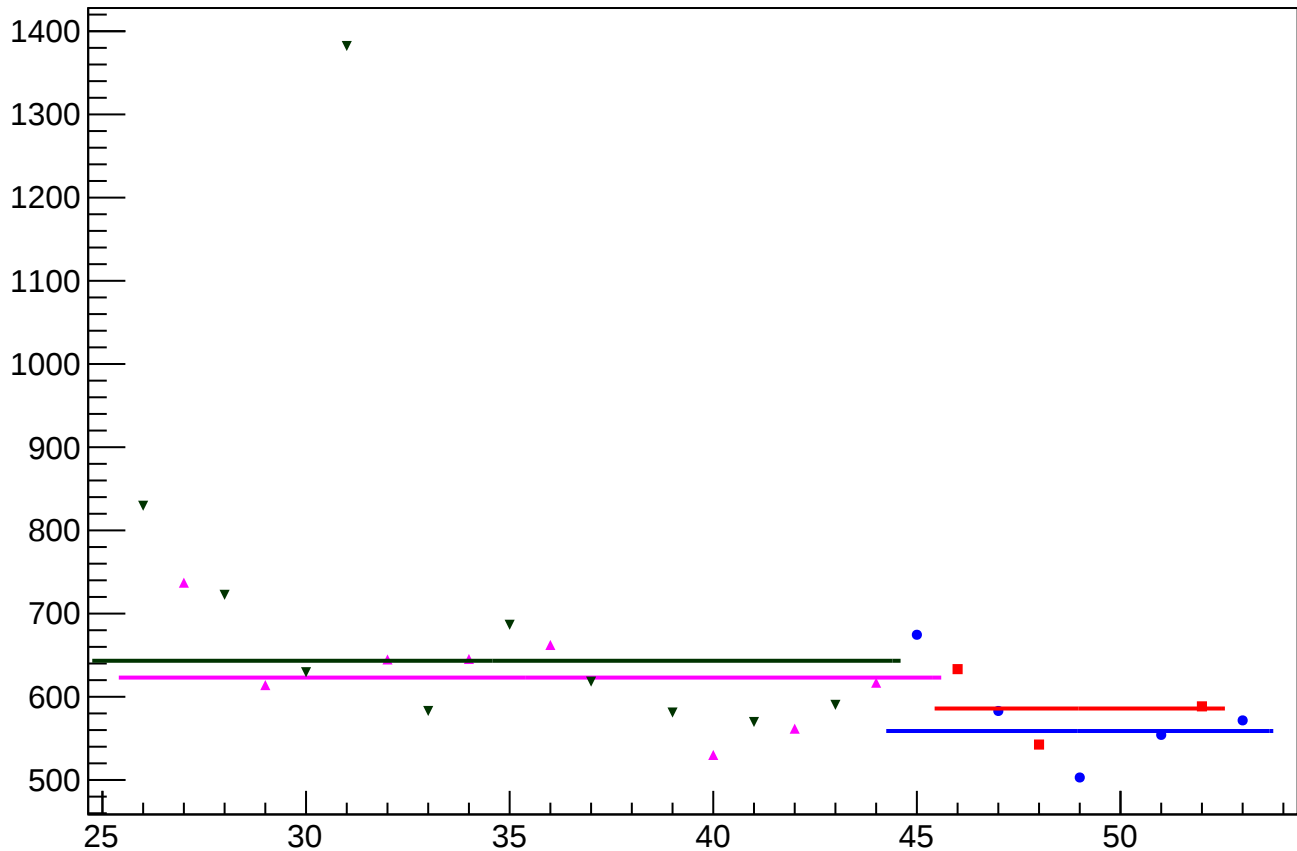
Right Out: -12.970 $\pm$ 482.275 χ^2/NDF : 4.1/2

Left In: -284.973 $\pm$ 277.238 χ^2/NDF : 9.0/7

47.858 $\pm$ 213.497 χ^2/NDF : 11.5/14

-217.413 $\pm$ 240.355 χ^2/NDF : 13.4/10

asym_at2_dd_correction_rms vs slug



Right In: 558.874+/-0.227 χ^2/NDF : 61486.6/4

Left Out: 643.291+/-0.202 χ^2/NDF :331702.9/9

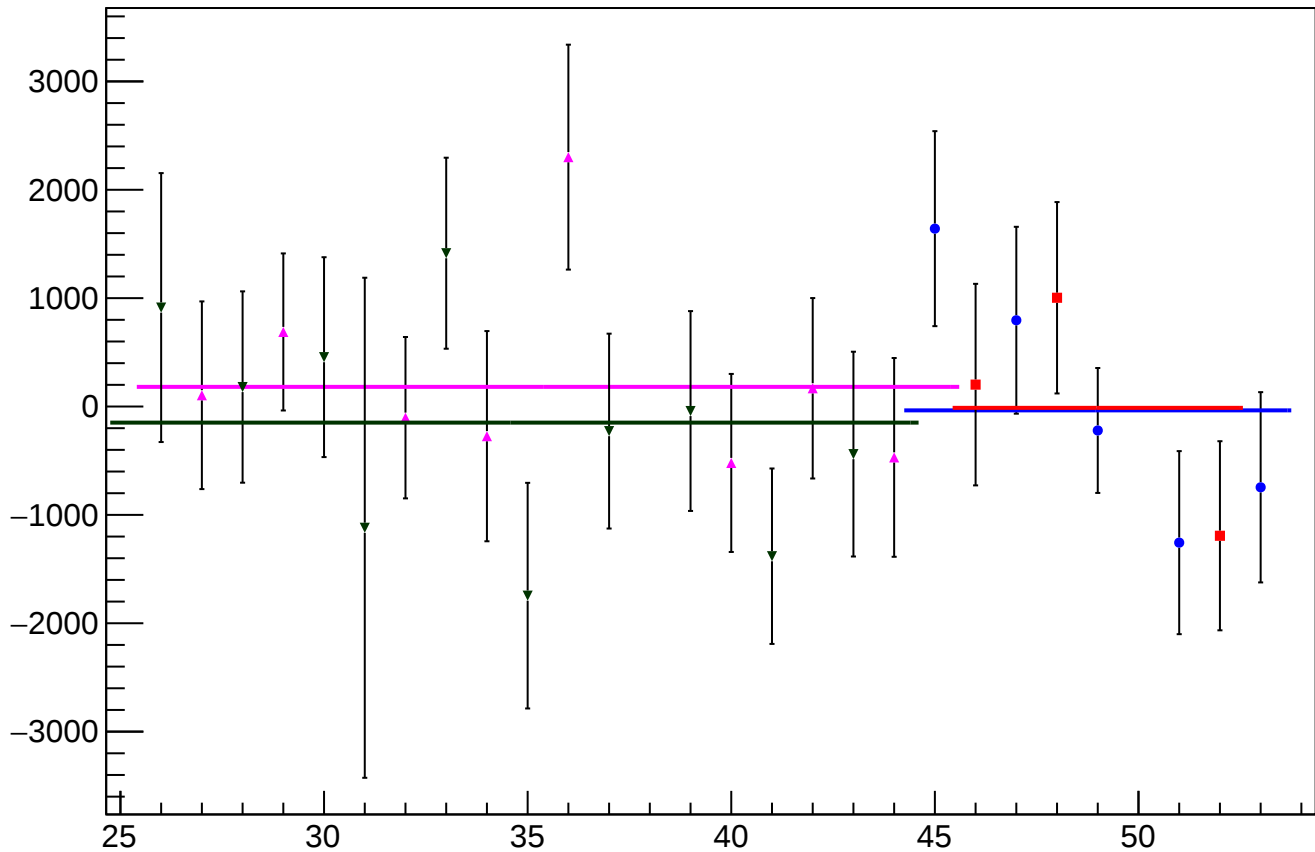
Right Out: 585.912+/-0.341 χ^2/NDF : 11364.3/2

Left In: 623.079+/-0.196 χ^2/NDF :90546.3/7

605.855+/-0.151 χ^2/NDF : 470361.7/14

613.848+/-0.170 χ^2/NDF : 110838.8/10

asym_at2_dd_mean vs slug



Right In: -35.555 ± 347.326 χ^2/NDF : 7.3/4

Left Out: -148.570 ± 307.642 χ^2/NDF : 9.4/9

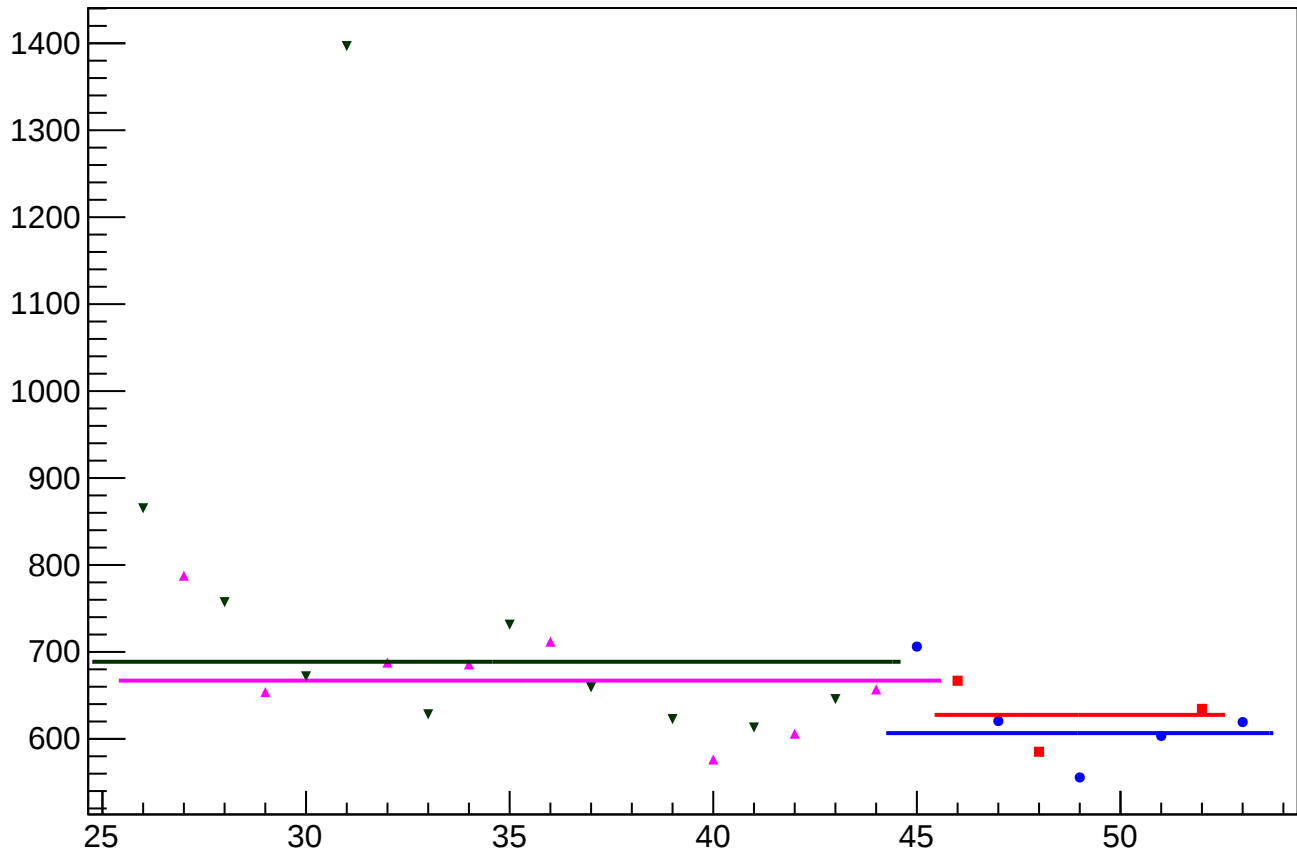
Right Out: -12.238 ± 516.222 χ^2/NDF : 3.2/2

Left In: 181.362 ± 299.528 χ^2/NDF : 6.3/7

-98.885 ± 230.294 χ^2/NDF : 16.7/14

132.600 ± 259.075 χ^2/NDF : 9.6/10

asym_at2_dd_rms vs slug



Right In: 606.646+/-0.246 χ^2/NDF : 41075.7/4

Left Out: 688.695+/-0.218 χ^2/NDF :288286.6/9

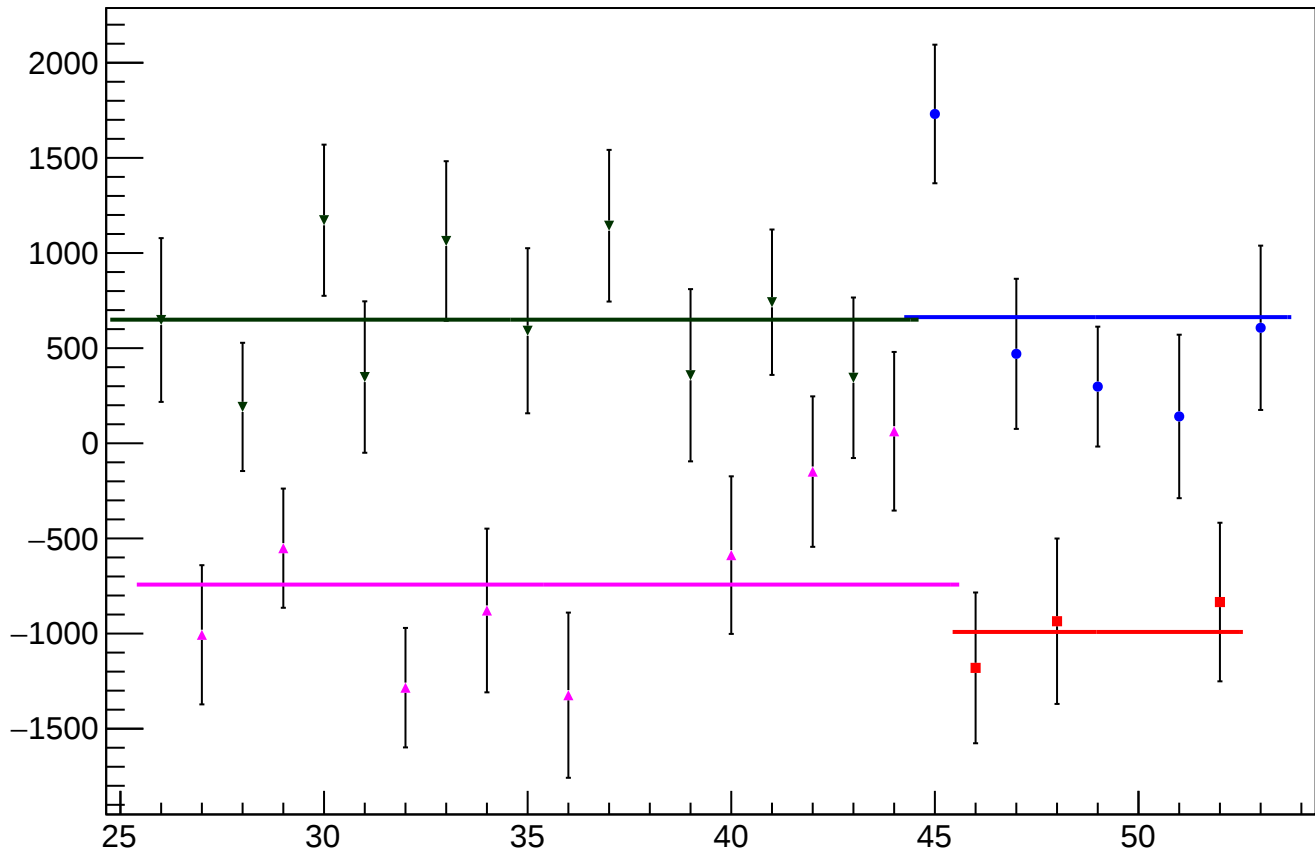
Right Out: 627.635+/-0.365 χ^2/NDF : 8308.9/2

Left In: 667.019+/-0.212 χ^2/NDF :80872.1/7

652.624+/-0.163 χ^2/NDF : 391905.8/14

657.099+/-0.183 χ^2/NDF : 97890.1/10

reg_asym_atl1r2_avg_mean vs slug



Right In: 663.108 $\pm$ 169.460 χ^2 /NDF: 11.7/4

Left Out: 649.704 $\pm$ 127.513 χ^2 /NDF: 7.7/9

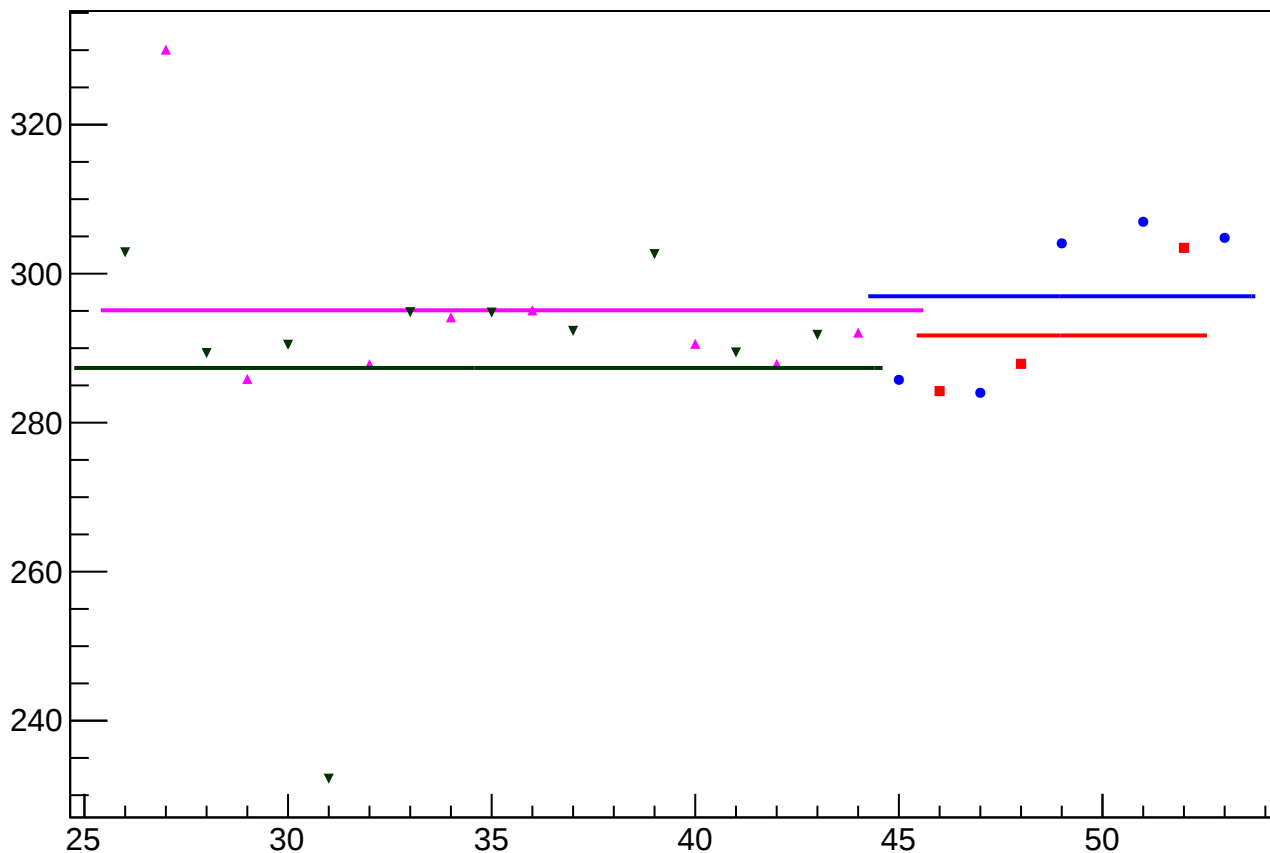
Right Out: -991.469 $\pm$ 239.593 χ^2 /NDF: 0.4/2

Left In: -742.570 $\pm$ 133.039 χ^2 /NDF: 11.9/7

654.550 $\pm$ 101.890 χ^2 /NDF: 19.4/14

-801.227 $\pm$ 116.311 χ^2 /NDF: 13.1/10

reg_asym_atl1r2_avg_rms vs slug



Right In: 296.966 $\pm$ 0.120 χ^2 /NDF: 6813.9/4

Left Out: 287.345 $\pm$ 0.090 χ^2 /NDF: 45272.0/9

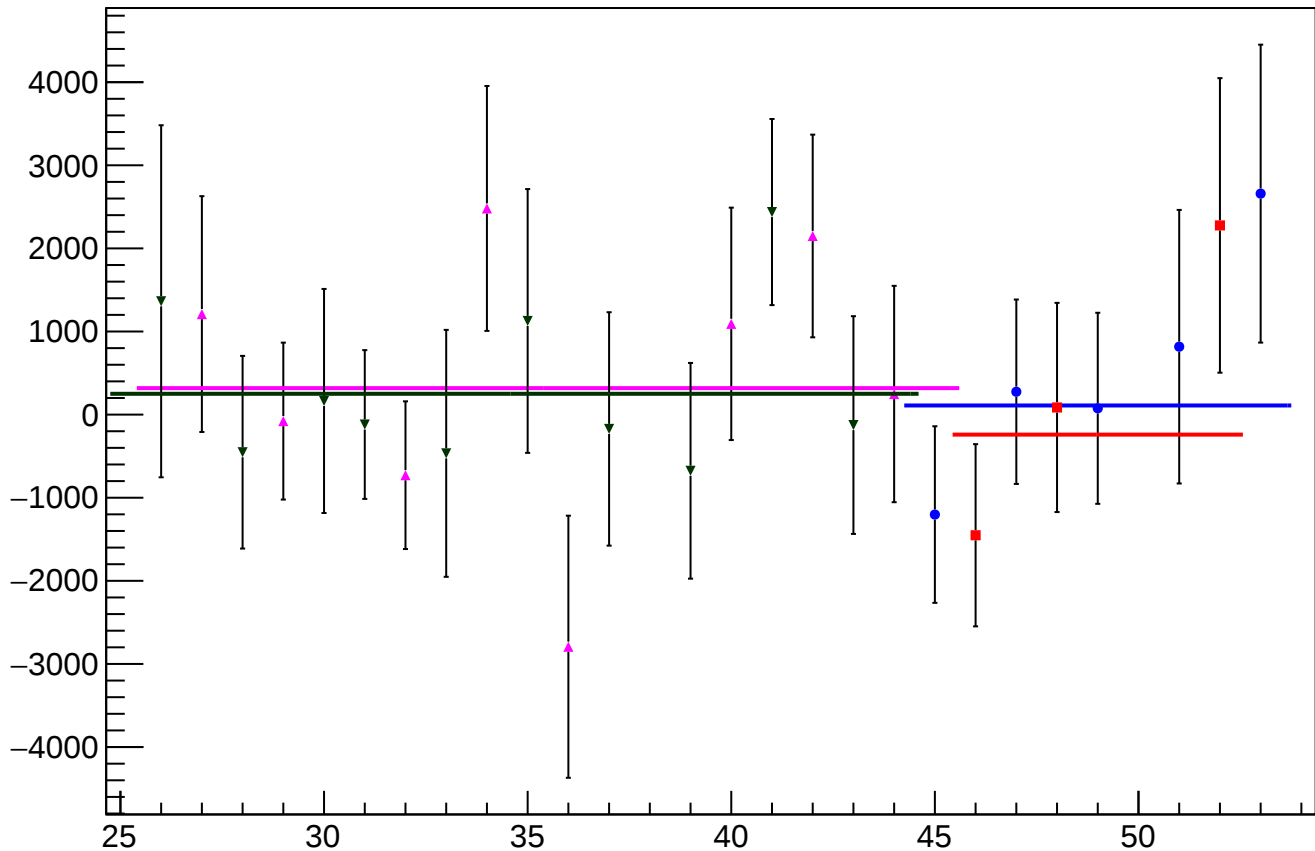
Right Out: 291.706 $\pm$ 0.169 χ^2 /NDF: 2456.8/2

Left In: 295.081 $\pm$ 0.094 χ^2 /NDF: 22103.3/7

290.823 $\pm$ 0.072 χ^2 /NDF: 56201.5/14

294.285 $\pm$ 0.082 χ^2 /NDF: 24863.3/10

asym_atl1r2_avg_correction_mean vs slug



Right In: 109.979 $\pm$ 564.702 χ^2 /NDF: 3.8/4

Left Out: 250.509 $\pm$ 404.977 χ^2 /NDF:5.9/9

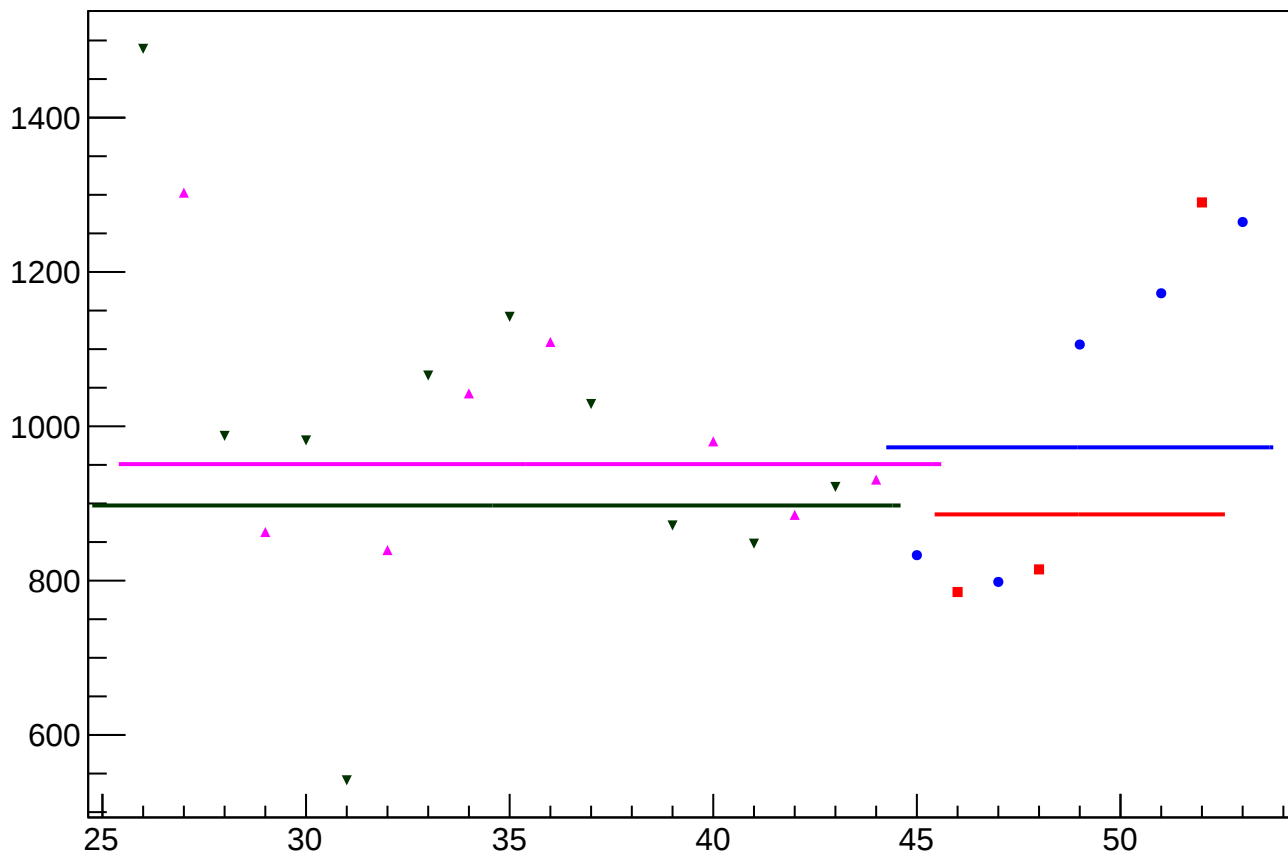
Right Out: -240.604 $\pm$ 749.120 χ^2 /NDF: 3.3/2

Left In: 318.803 $\pm$ 425.542 χ^2 /NDF:10.6/7

202.781 $\pm$ 329.097 χ^2 /NDF: 9.7/14

182.328 $\pm$ 370.010 χ^2 /NDF: 14.3/10

asym_atl1r2_avg_correction_rms vs slug



Right In: 972.736 ± 0.399 χ^2/NDF : 193409.5/4

Left Out: 897.406 ± 0.286 χ^2/NDF : 588848.0/9

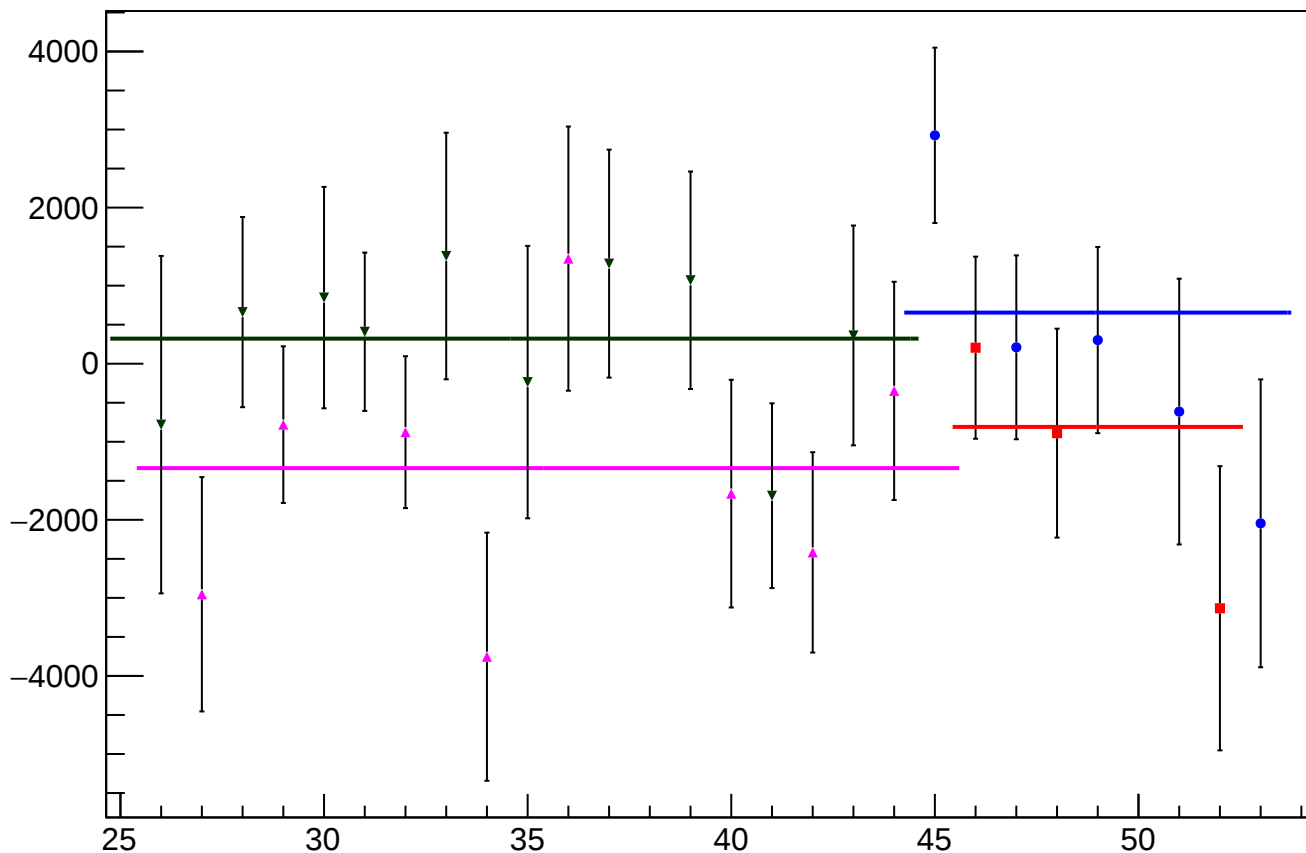
Right Out: 885.863 ± 0.530 χ^2/NDF : 127362.4/2

Left In: 950.988 ± 0.301 χ^2/NDF : 206850.7/7

922.990 ± 0.233 χ^2/NDF : 805759.7/14

935.100 ± 0.262 χ^2/NDF : 345640.8/10

asym_atl1r2_avg_mean vs slug



Right In: 654.957 $\pm$ 591.754 χ^2/NDF : 7.0/4

Left Out: 321.331 $\pm$ 434.827 χ^2/NDF : 4.6/9

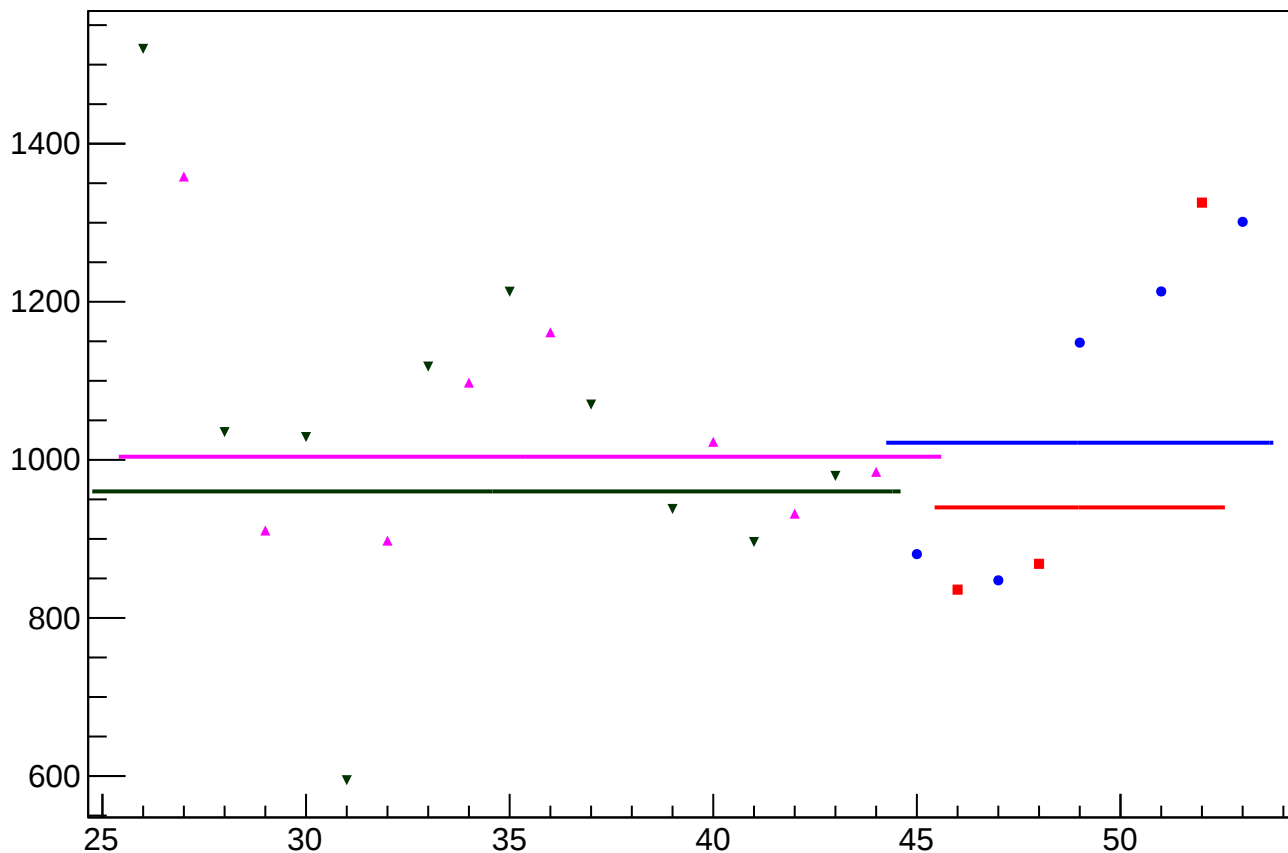
Right Out: -809.468 $\pm$ 791.758 χ^2/NDF : 2.4/2

Left In: -1337.462 $\pm$ 455.096 χ^2/NDF : 7.8/7

438.309 $\pm$ 350.400 χ^2/NDF : 11.9/14

-1206.341 $\pm$ 394.561 χ^2/NDF : 10.5/10

asym_atl1r2_avg_rms vs slug



Right In: 1021.693 ± 0.418 χ^2/NDF : 168929.0/4

Left Out: 960.100 ± 0.307 χ^2/NDF : 485899.3/9

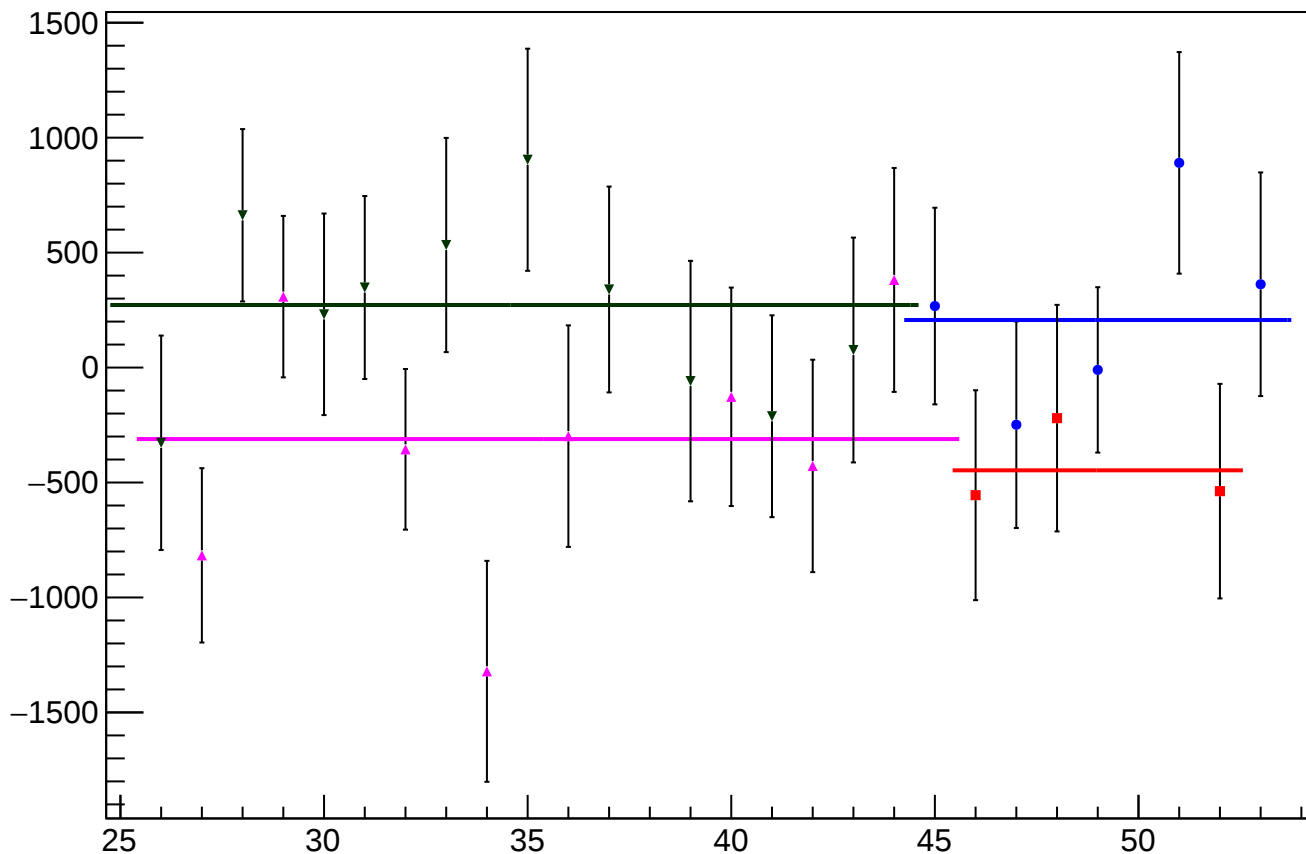
Right Out: 939.858 ± 0.560 χ^2/NDF : 111323.6/2

Left In: 1003.988 ± 0.322 χ^2/NDF : 183940.1/7

981.696 ± 0.248 χ^2/NDF : 668898.5/14

988.062 ± 0.279 χ^2/NDF : 305126.1/10

reg_asym_atl1r2_dd_mean vs slug



Right In: 206.833 $\pm$ 193.582 χ^2 /NDF: 3.5/4

Left Out: 272.098 $\pm$ 141.223 χ^2 /NDF:6.6/9

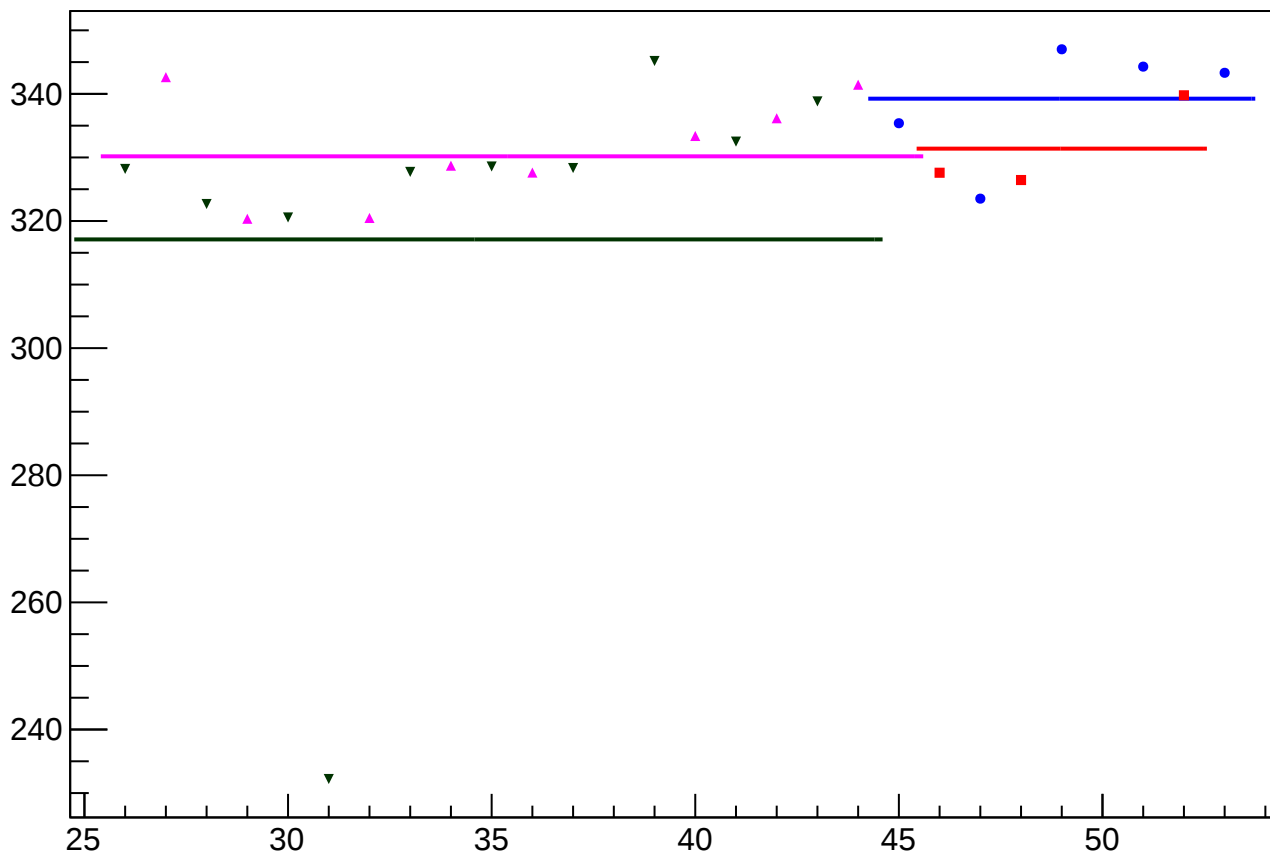
Right Out: -446.983 $\pm$ 272.049 χ^2 /NDF: 0.3/2

Left In: -310.926 $\pm$ 148.691 χ^2 /NDF:11.6/7

249.429 $\pm$ 114.090 χ^2 /NDF: 10.2/14

-342.222 $\pm$ 130.475 χ^2 /NDF: 12.1/10

reg_asym_atl1r2_dd_rms vs slug



Right In: 339.246 ± 0.137 $\chi^2/\text{NDF}: 3905.9/4$

Left Out: 317.105 ± 0.100 $\chi^2/\text{NDF}: 108292.1/9$

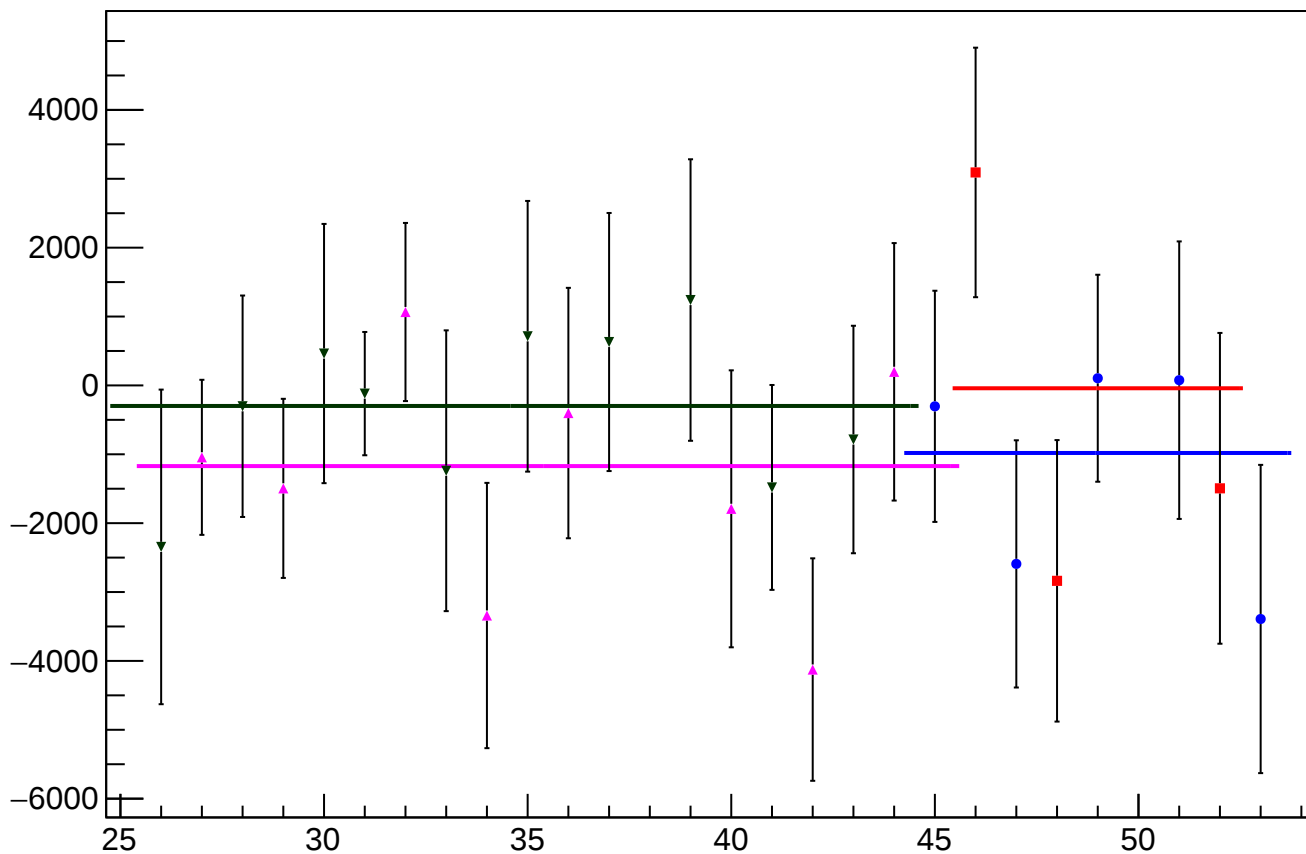
Right Out: 331.386 ± 0.192 $\chi^2/\text{NDF}: 985.6/2$

Left In: 330.176 ± 0.105 $\chi^2/\text{NDF}: 6835.5/7$

324.795 ± 0.081 $\chi^2/\text{NDF}: 129274.1/14$

330.454 ± 0.092 $\chi^2/\text{NDF}: 7851.6/10$

asym_atl1r2_dd_correction_mean vs slug



Right In: -980.899+/-802.037 χ^2/NDF : 2.9/4

Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

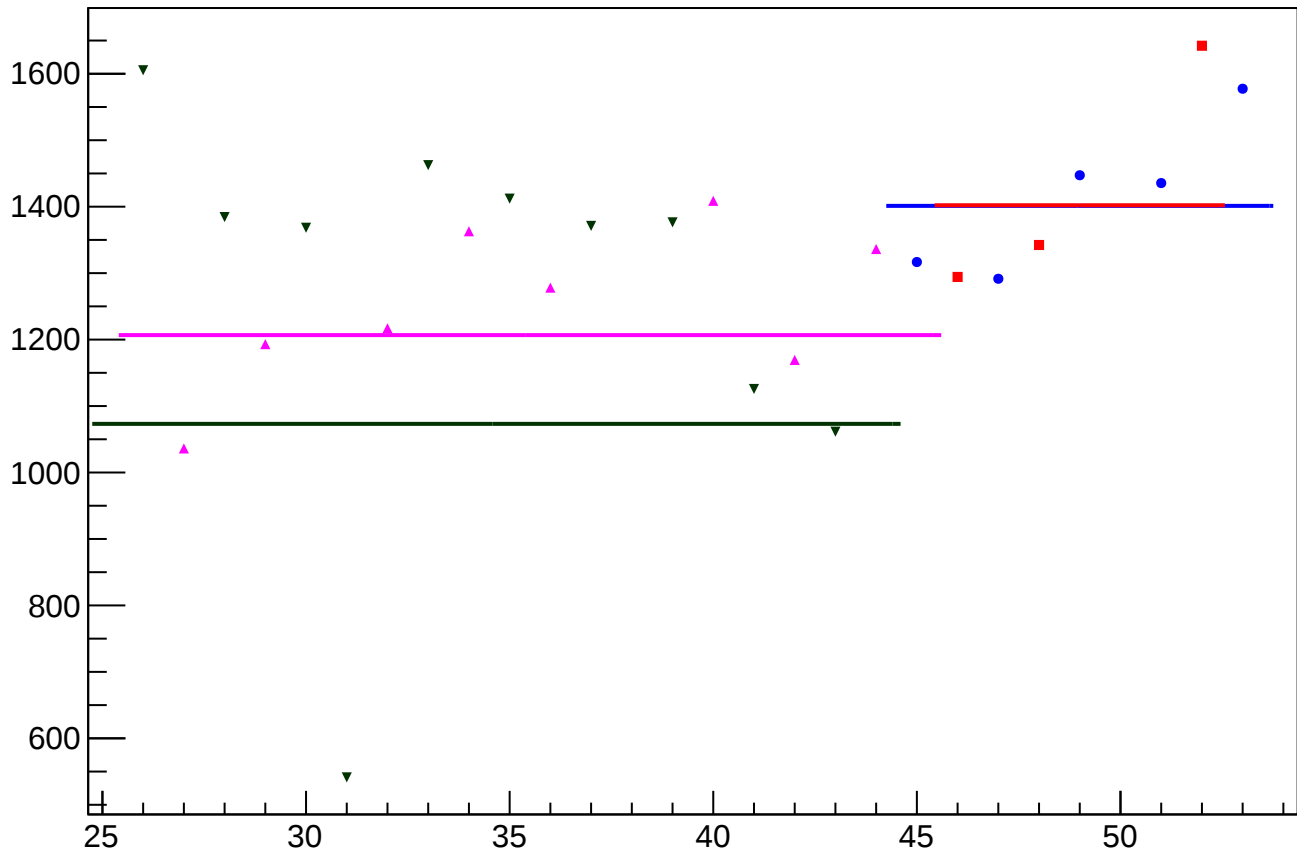
Right Out: -41.471+/-1161.976 χ^2/NDF : 5.3/2

Left In: -1171.342+/-536.997 χ^2/NDF : 8.5/7

-491.064+/-426.147 χ^2/NDF : 6.5/14

-972.498+/-487.459 χ^2/NDF : 14.6/10

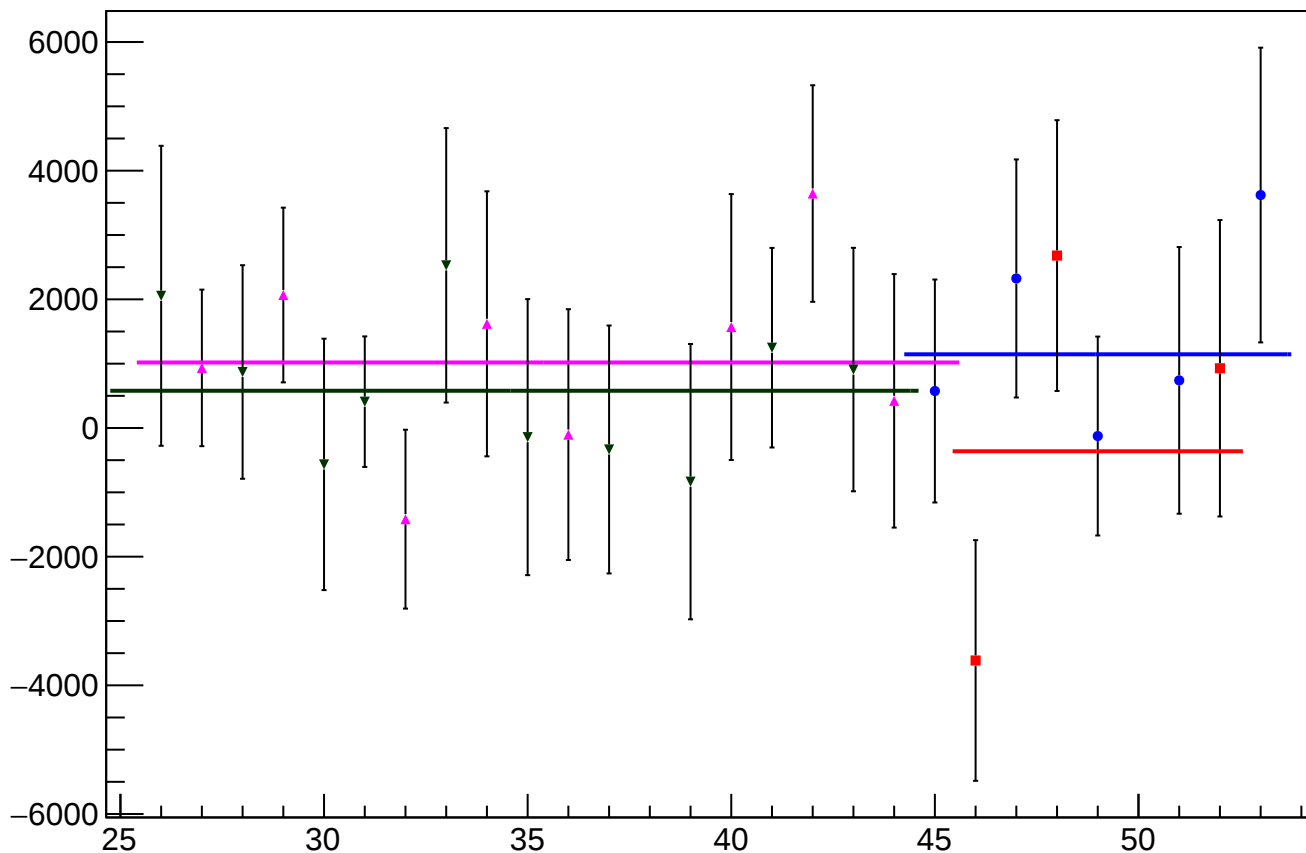
asym_atl1r2_dd_correction_rms vs slug



Right In: 1401.233+/-0.567 χ^2/NDF : 27410.9/4
 Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9
 Right Out: 1402.102+/-0.822 χ^2/NDF : 31445.8/2
 Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

1165.805+/-0.301 χ^2/NDF : 1436330.5/14
 1241.135+/-0.345 χ^2/NDF : 171393.8/10

asym_atl1r2_dd_mean vs slug



Right In: 1145.734 ± 825.670 χ^2/NDF : 2.4/4

Left Out: 579.001 ± 542.319 χ^2/NDF : 2.6/9

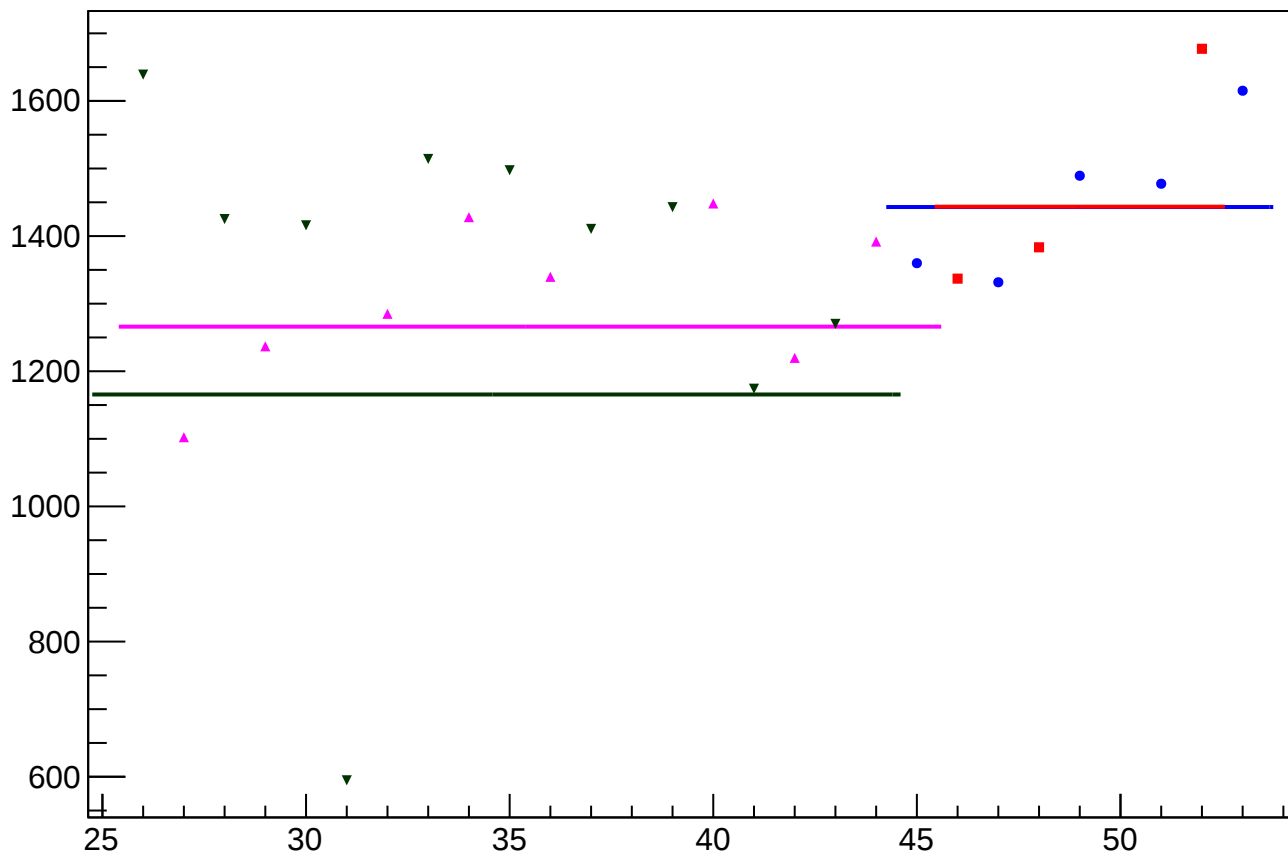
Right Out: -361.522 ± 1195.204 χ^2/NDF : 5.4/2

Left In: 1018.709 ± 569.922 χ^2/NDF : 6.7/7

749.810 ± 453.286 χ^2/NDF : 5.4/14

763.015 ± 514.430 χ^2/NDF : 13.2/10

asym_atl1r2_dd_rms vs slug



Right In: 1443.017 ± 0.584 χ^2/NDF : 25468.9/4

Left Out: 1165.616 ± 0.383 χ^2/NDF : 970870.7/9

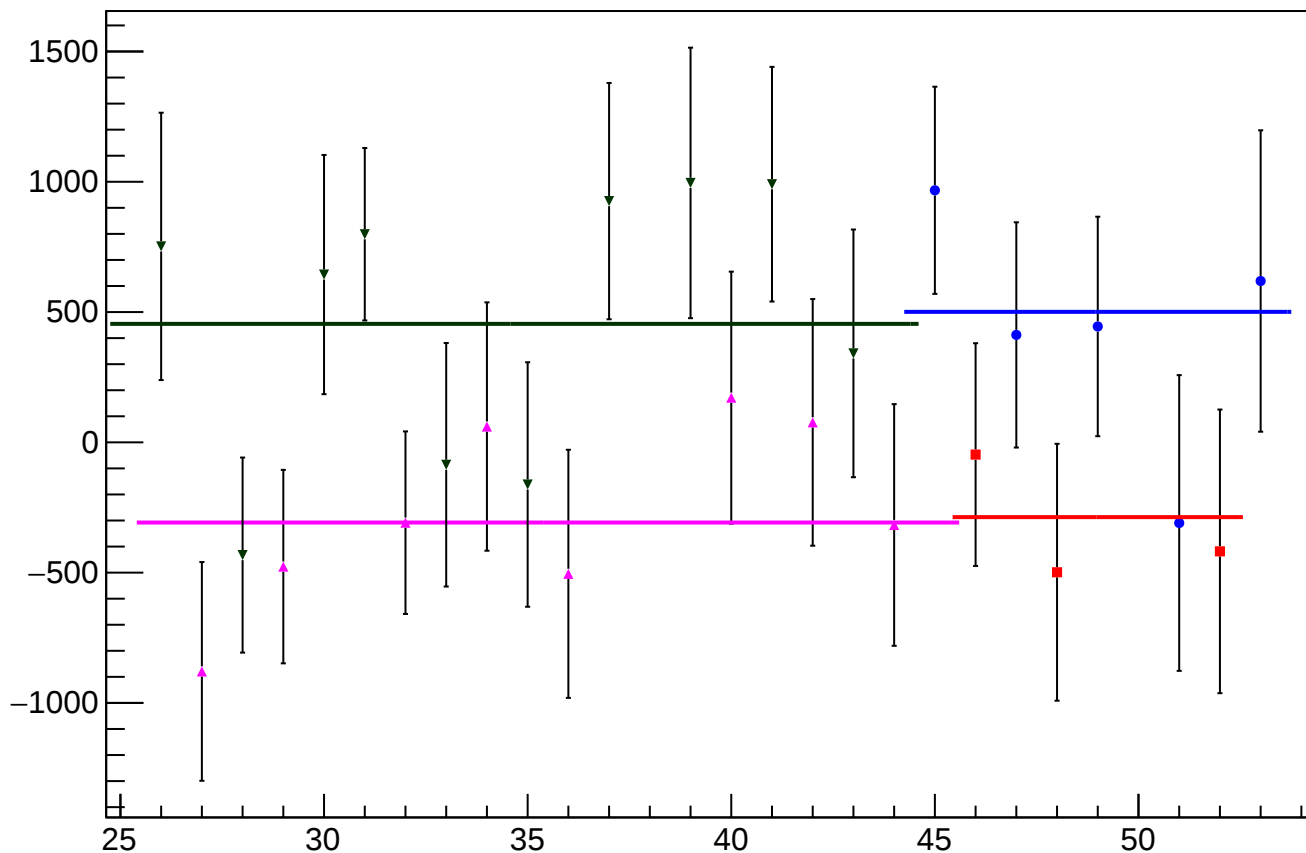
Right Out: 1443.511 ± 0.845 χ^2/NDF : 28682.1/2

Left In: 1265.999 ± 0.403 χ^2/NDF : 77911.6/7

1249.222 ± 0.321 χ^2/NDF : 1154052.1/14

1298.884 ± 0.364 χ^2/NDF : 142537.1/10

reg_asym_atr1l2_avg_mean vs slug



Right In: 500.800 $\pm$ 206.669 χ^2 /NDF: 3.5/4

Left Out: 454.702 $\pm$ 138.846 χ^2 /NDF:13.9/9

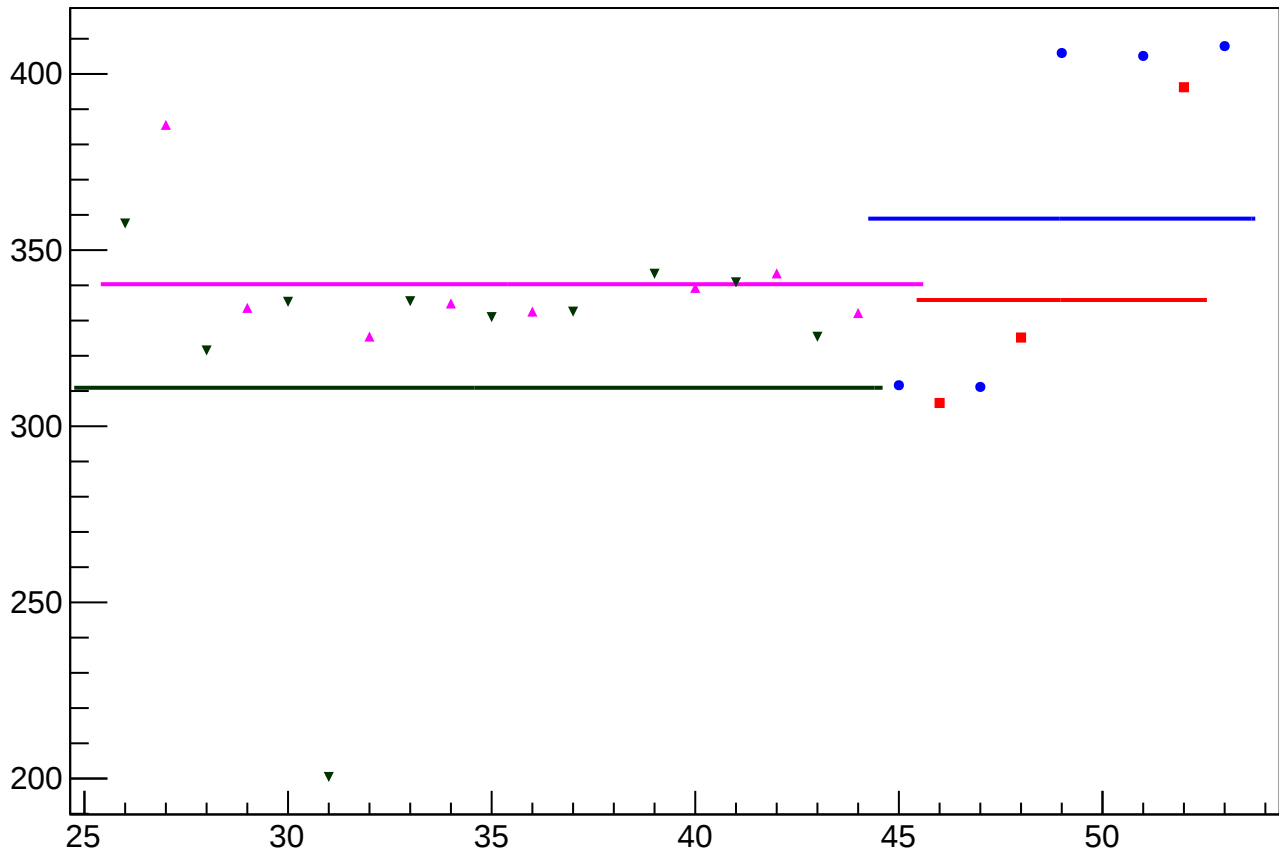
Right Out: -287.014 $\pm$ 277.733 χ^2 /NDF: 0.6/2

Left In: -307.710 $\pm$ 151.999 χ^2 /NDF:4.5/7

469.038 $\pm$ 115.252 χ^2 /NDF: 17.5/14

-302.940 $\pm$ 133.337 χ^2 /NDF: 5.0/10

reg_asym_atr1l2_avg_rms vs slug



Right In: 358.937 ± 0.146 χ^2/NDF : 105244.3/4

Left Out: 310.928 ± 0.098 χ^2/NDF : 278877.1/9

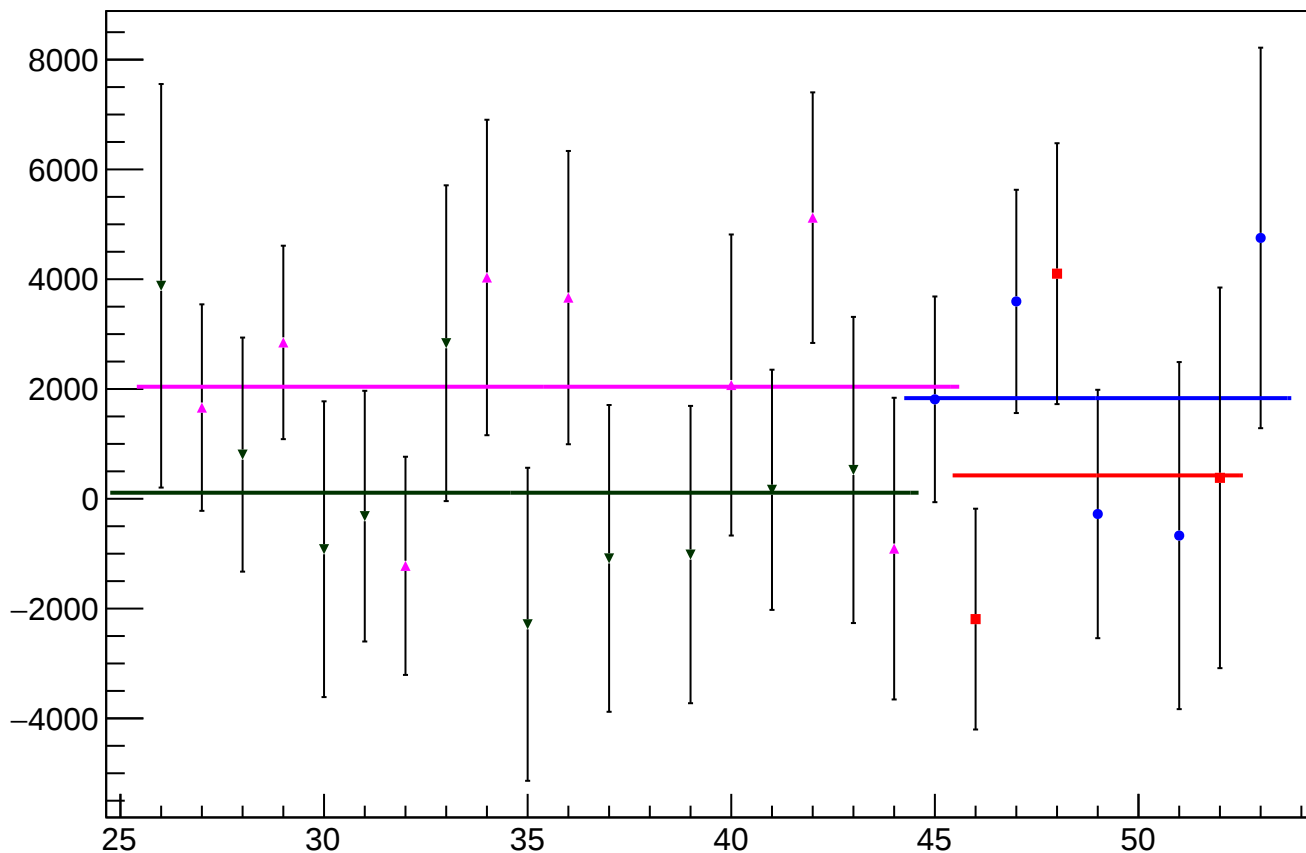
Right Out: 335.844 ± 0.196 χ^2/NDF : 34920.6/2

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.9/7

325.858 ± 0.081 χ^2/NDF : 458483.7/14

339.291 ± 0.094 χ^2/NDF : 64299.8/10

asym_atr1l2_avg_correction_mean vs slug



Right In: 1833.601+/-1050.948 χ^2/NDF : 3.0/4

Left Out: 110.611+/-824.937 χ^2/NDF : 3.3/9

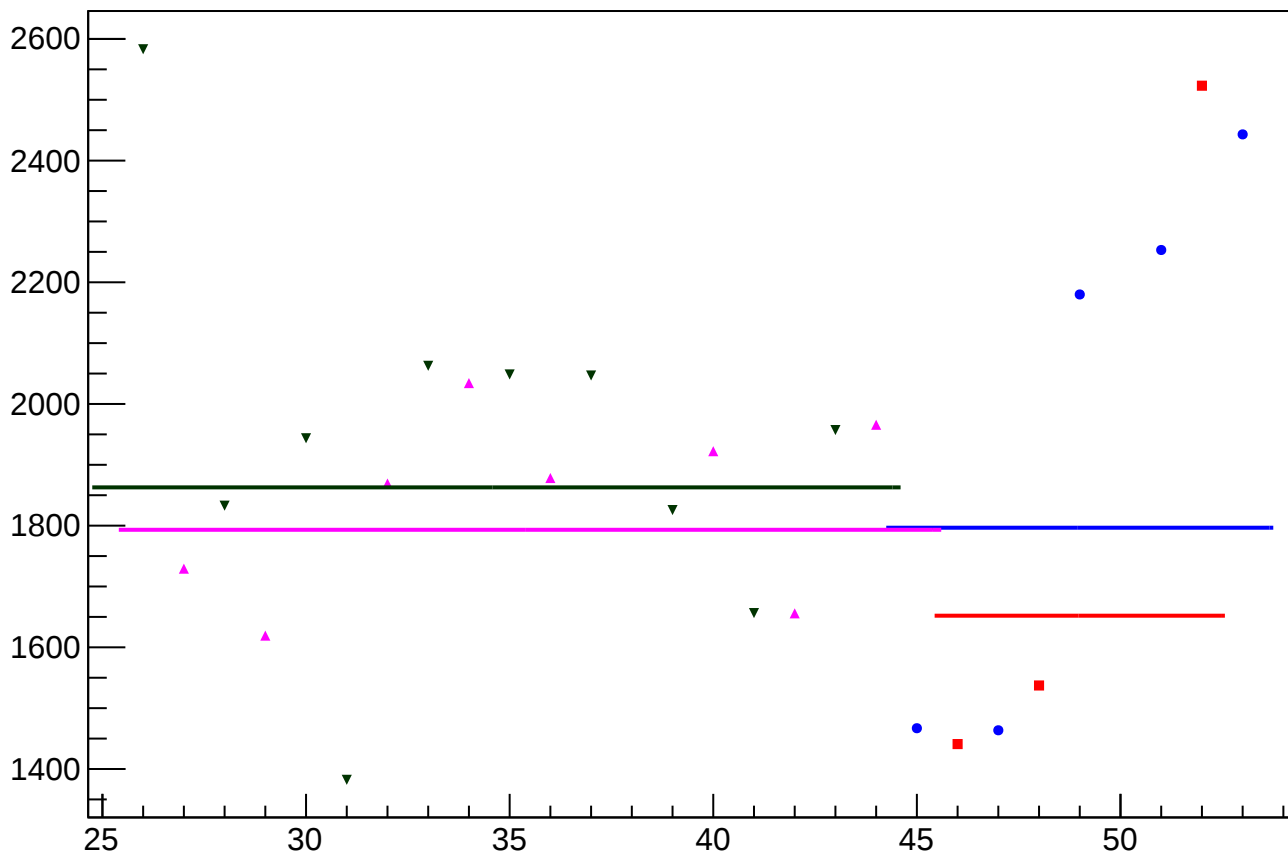
Right Out: 425.982+/-1403.702 χ^2/NDF : 4.1/2

Left In: 2041.346+/-796.392 χ^2/NDF : 6.8/7

767.487+/-648.905 χ^2/NDF : 7.9/14

1647.995+/-692.675 χ^2/NDF : 11.9/10

asym_atr1l2_avg_correction_rms vs slug



Right In: 1796.597+/-0.743 χ^2/NDF : 284234.0/4

Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

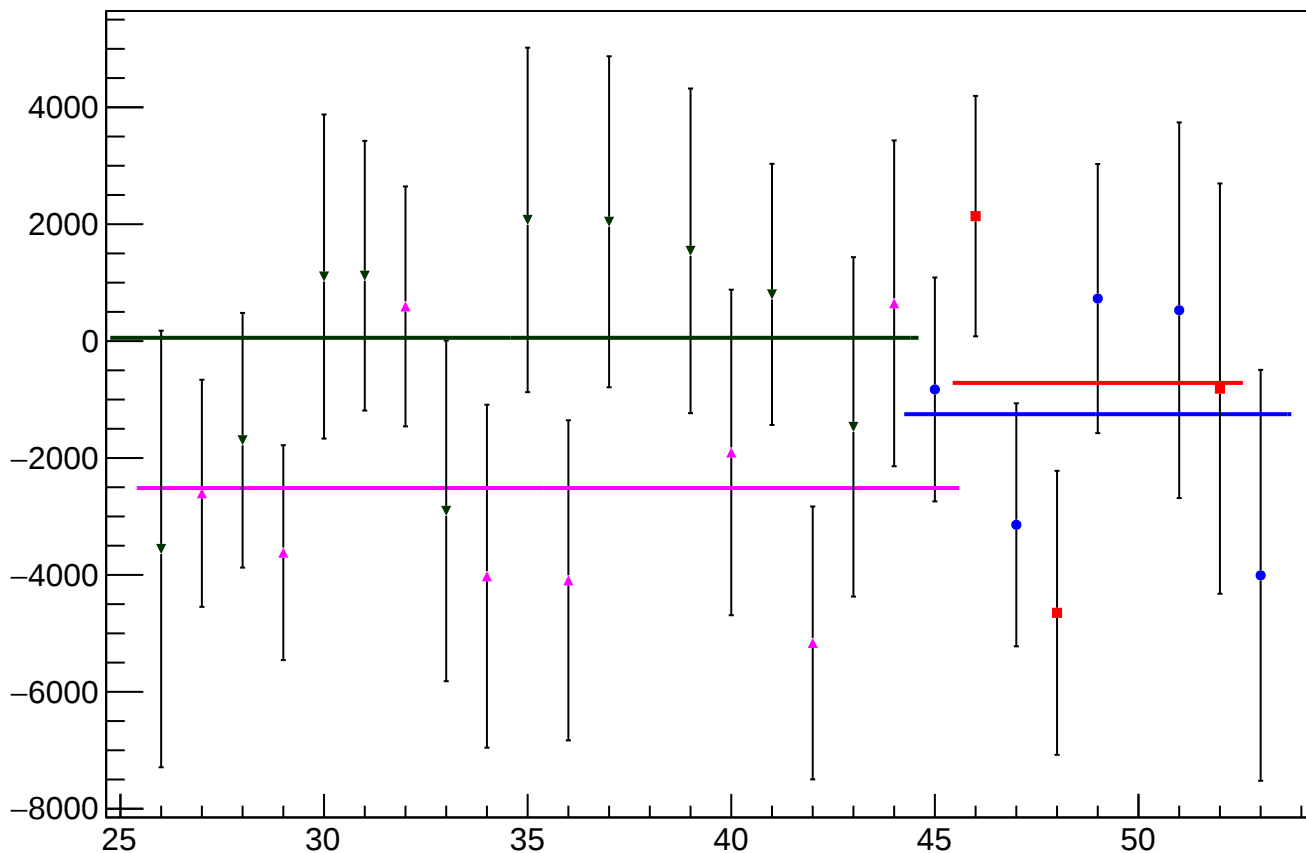
Right Out: 1651.987+/-0.993 χ^2/NDF : 152955.3/2

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

1837.627+/-0.459 χ^2/NDF : 504057.5/14

1758.803+/-0.490 χ^2/NDF : 228689.5/10

asym_atr1l2_avg_mean vs slug



Right In: -1250.205+/-1071.880 χ^2/NDF : 2.5/4

Left Out: 56.371+/-843.149 χ^2/NDF : 4.6/9

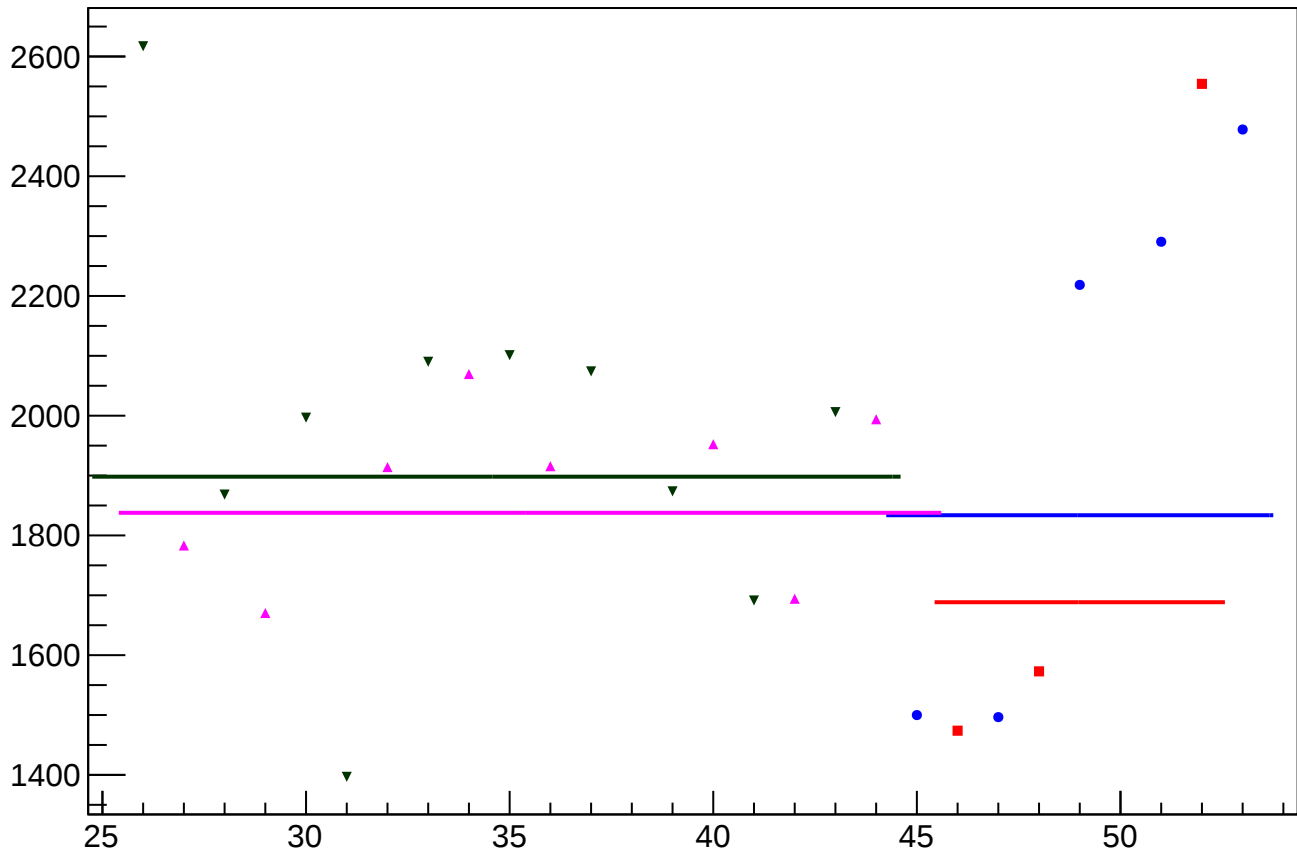
Right Out: -714.846+/-1432.947 χ^2/NDF : 4.5/2

Left In: -2513.421+/-819.489 χ^2/NDF : 5.9/7

-443.055+/-662.696 χ^2/NDF : 8.1/14

-2070.155+/-711.374 χ^2/NDF : 11.6/10

asym_atr1l2_avg_rms vs slug



Right In: 1833.721 ± 0.758 χ^2/NDF : 276849.1/4

Left Out: 1898.125 ± 0.596 χ^2/NDF : 217407.8/9

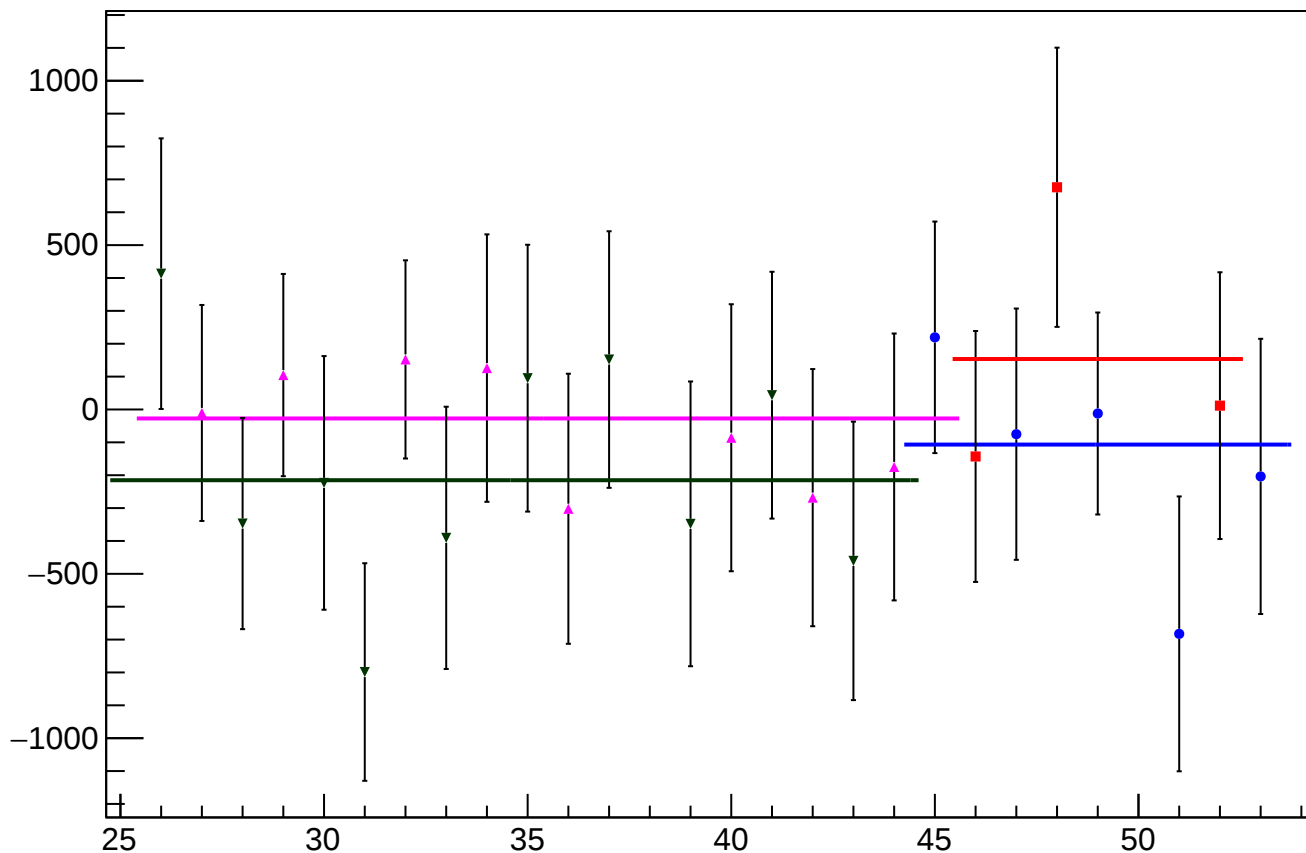
Right Out: 1688.428 ± 1.013 χ^2/NDF : 148029.6/2

Left In: 1837.803 ± 0.579 χ^2/NDF : 52264.8/7

1873.507 ± 0.469 χ^2/NDF : 498717.3/14

1800.989 ± 0.503 χ^2/NDF : 216671.3/10

reg_asym_atr1l2_dd_mean vs slug



Right In: -106.764+/-164.564 χ^2/NDF : 2.9/4

Left Out: -215.198+/-120.951 χ^2/NDF : 8.2/9

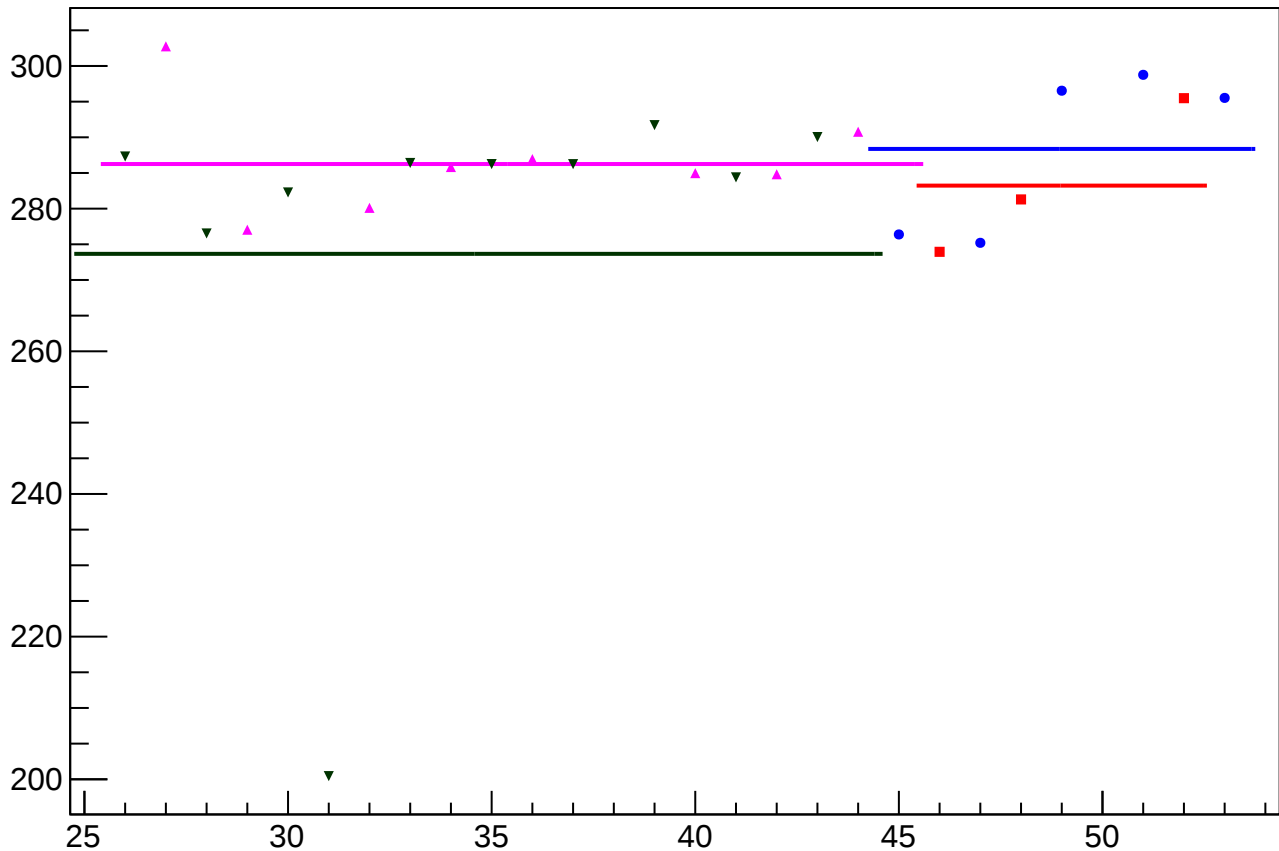
Right Out: 153.516+/-232.611 χ^2/NDF : 2.2/2

Left In: -27.345+/-127.553 χ^2/NDF : 1.7/7

-177.167+/-97.459 χ^2/NDF : 11.4/14

14.466+/-111.842 χ^2/NDF : 4.4/10

reg_asym_atr1l2_dd_rms vs slug



Right In: 288.371 ± 0.116 $\chi^2/\text{NDF}: 7919.2/4$

Left Out: 273.662 ± 0.086 $\chi^2/\text{NDF}: 115390.2/9$

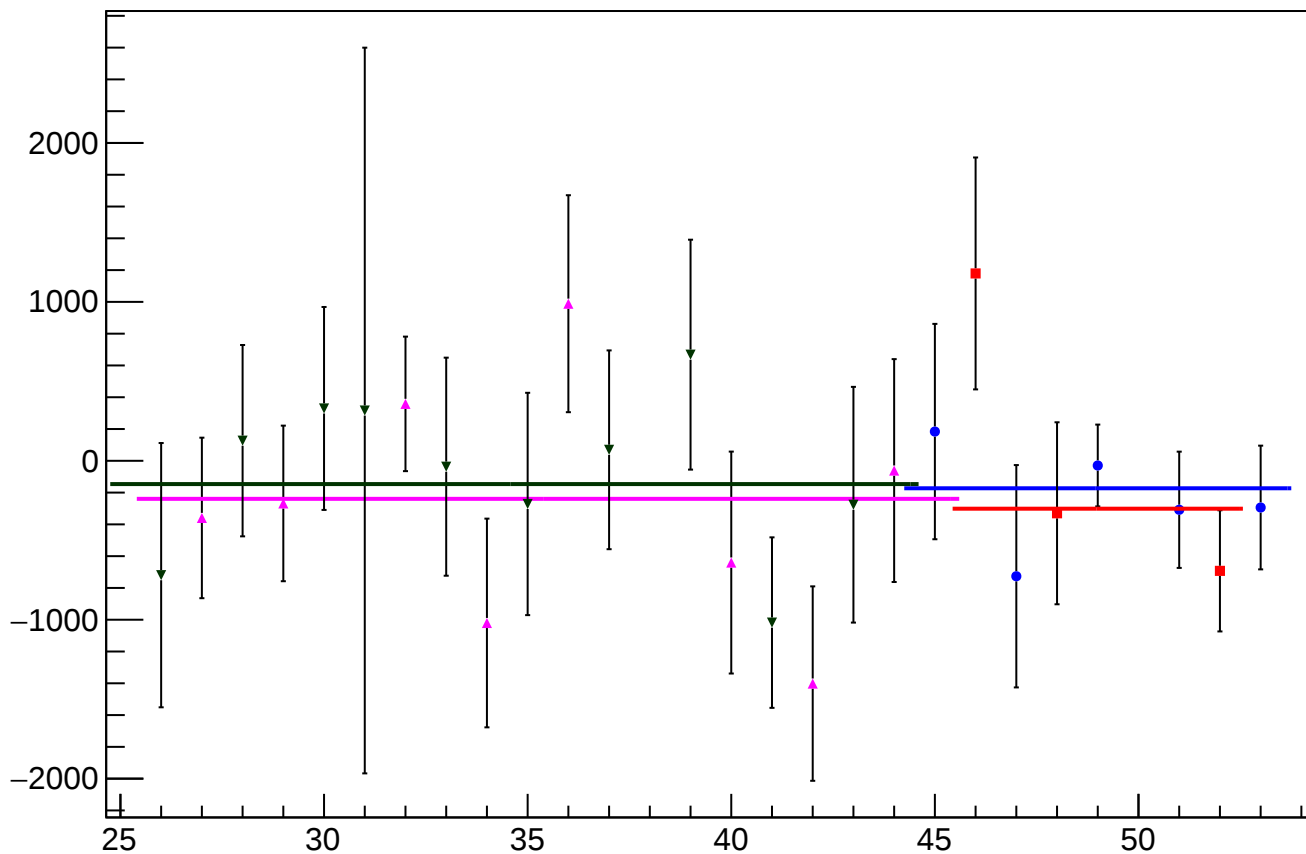
Right Out: 283.228 ± 0.164 $\chi^2/\text{NDF}: 3049.6/2$

Left In: 286.254 ± 0.090 $\chi^2/\text{NDF}: 7968.5/7$

278.821 ± 0.069 $\chi^2/\text{NDF}: 133683.9/14$

285.555 ± 0.079 $\chi^2/\text{NDF}: 11278.3/10$

asym_atr1l2_dd_correction_mean vs slug



Right In: -172.879+/-173.058 χ^2/NDF : 1.4/4

Left Out: -146.460+/-219.375 χ^2/NDF : 5.4/9

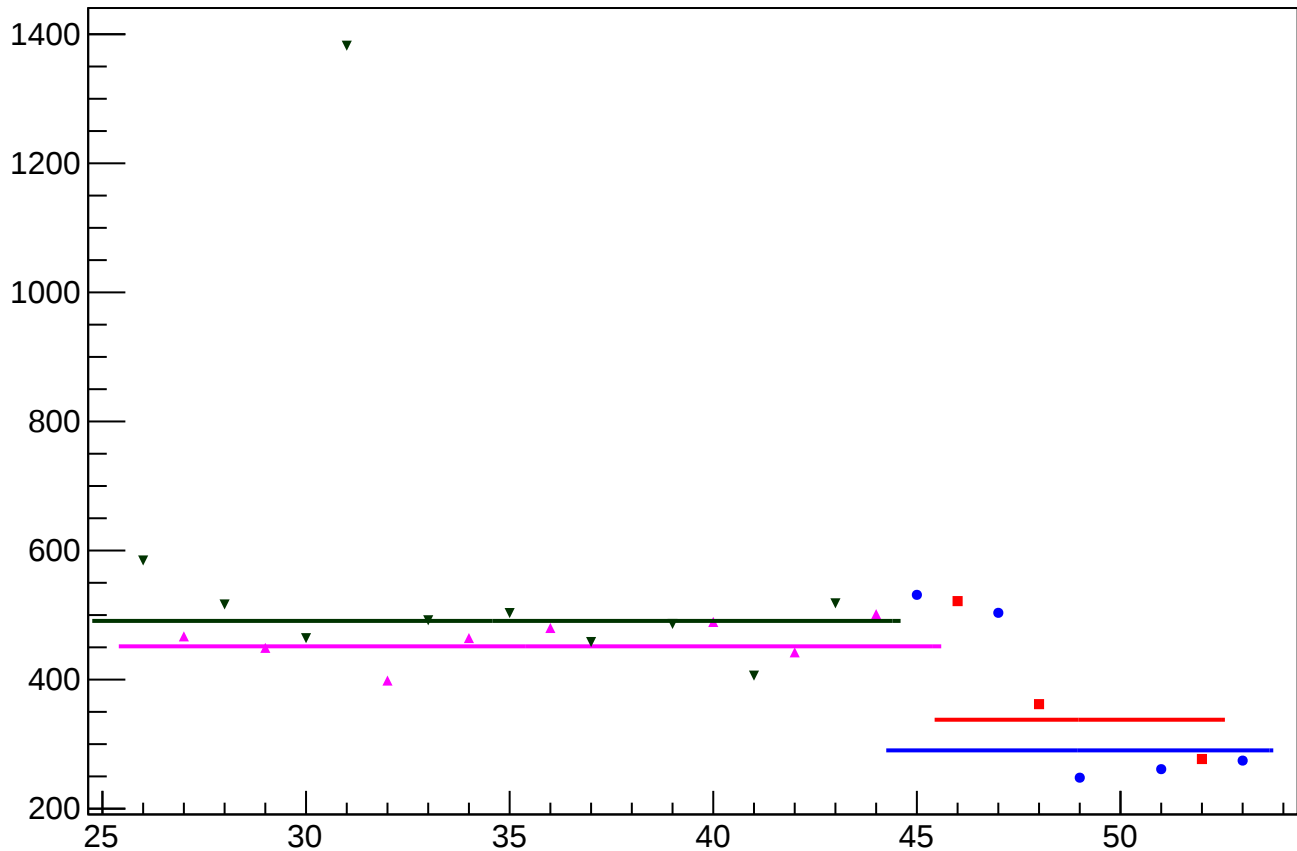
Right Out: -301.347+/-290.980 χ^2/NDF : 5.2/2

Left In: -239.342+/-200.411 χ^2/NDF : 10.7/7

-162.745+/-135.870 χ^2/NDF : 6.8/14

-259.292+/-165.051 χ^2/NDF : 15.9/10

asym_atr1l2_dd_correction_rms vs slug



Right In: 290.331+/-0.122 χ^2/NDF : 508674.4/4

Left Out: 490.946+/-0.155 χ^2/NDF : 396061.5/9

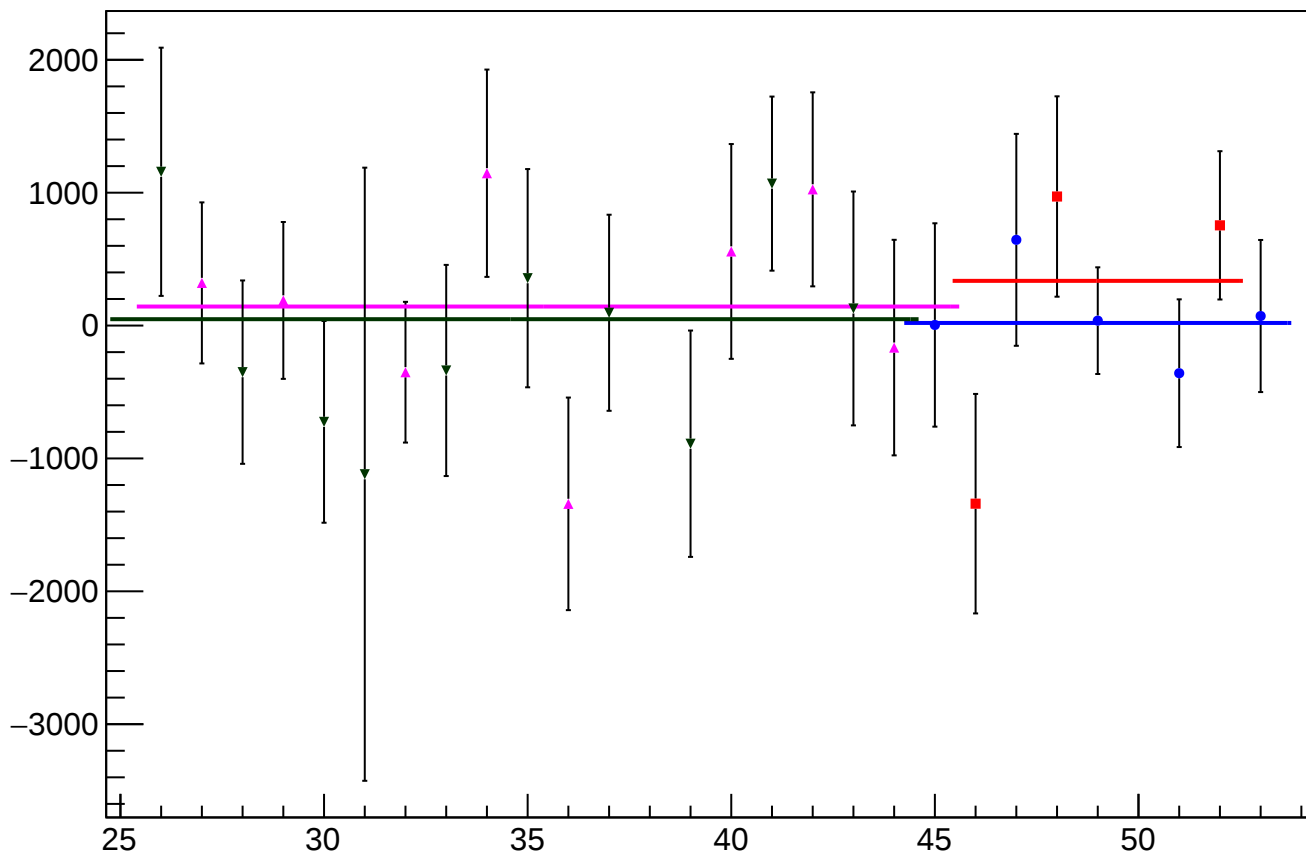
Right Out: 337.818+/-0.206 χ^2/NDF : 181501.0/2

Left In: 451.550+/-0.142 χ^2/NDF : 53985.5/7

367.286+/-0.096 χ^2/NDF : 1935714.4/14

414.957+/-0.117 χ^2/NDF : 442720.9/10

asym_atr1l2_dd_mean vs slug



Right In: 19.687 ± 251.783 $\chi^2/\text{NDF}: 1.1/4$

Left Out: 47.962 ± 257.579 $\chi^2/\text{NDF}: 7.1/9$

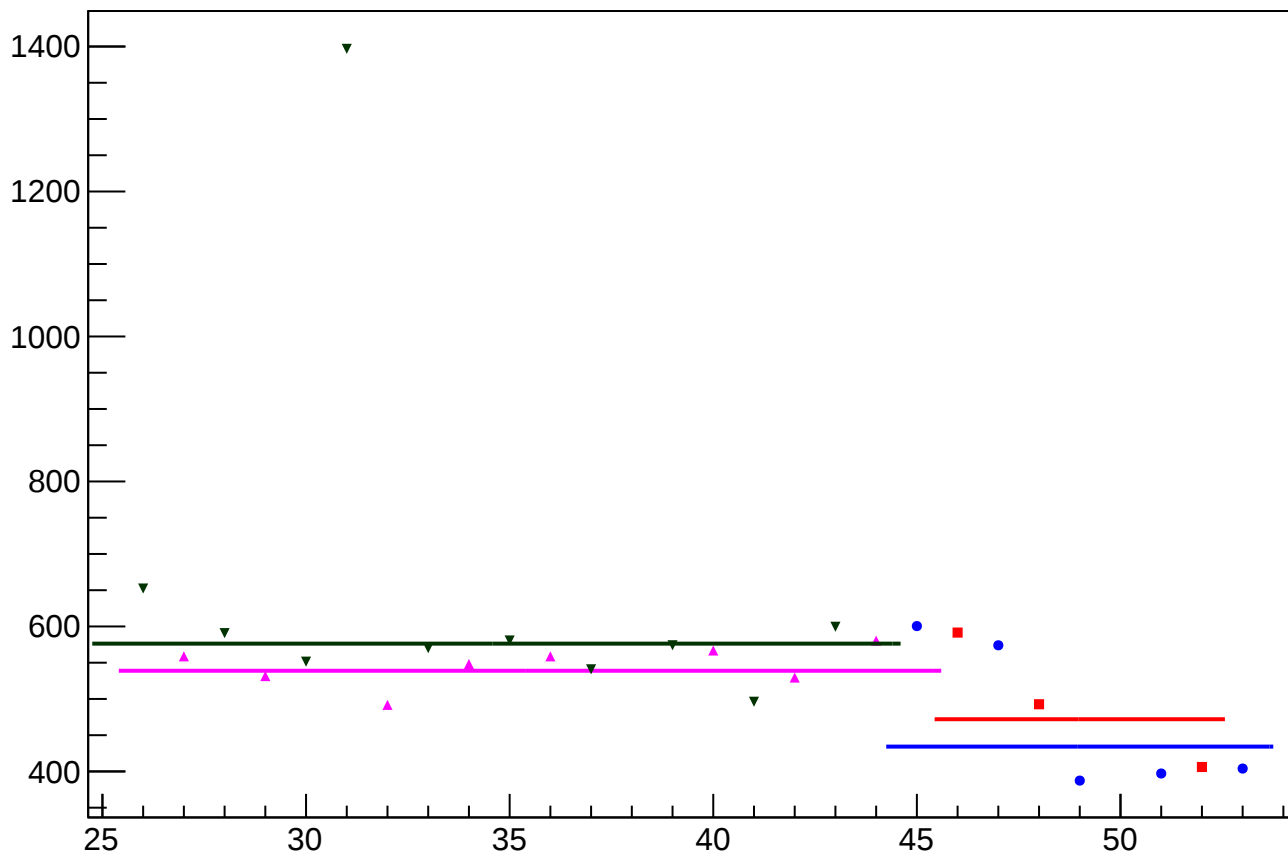
Right Out: 336.470 ± 394.188 $\chi^2/\text{NDF}: 5.4/2$

Left In: 143.227 ± 240.493 $\chi^2/\text{NDF}: 7.9/7$

33.503 ± 180.052 $\chi^2/\text{NDF}: 8.2/14$

195.645 ± 205.301 $\chi^2/\text{NDF}: 13.5/10$

asym_atr1l2_dd_rms vs slug



Right In: 434.270+/-0.178 χ^2/NDF : 197630.9/4

Left Out: 576.304+/-0.182 χ^2/NDF : 305346.9/9

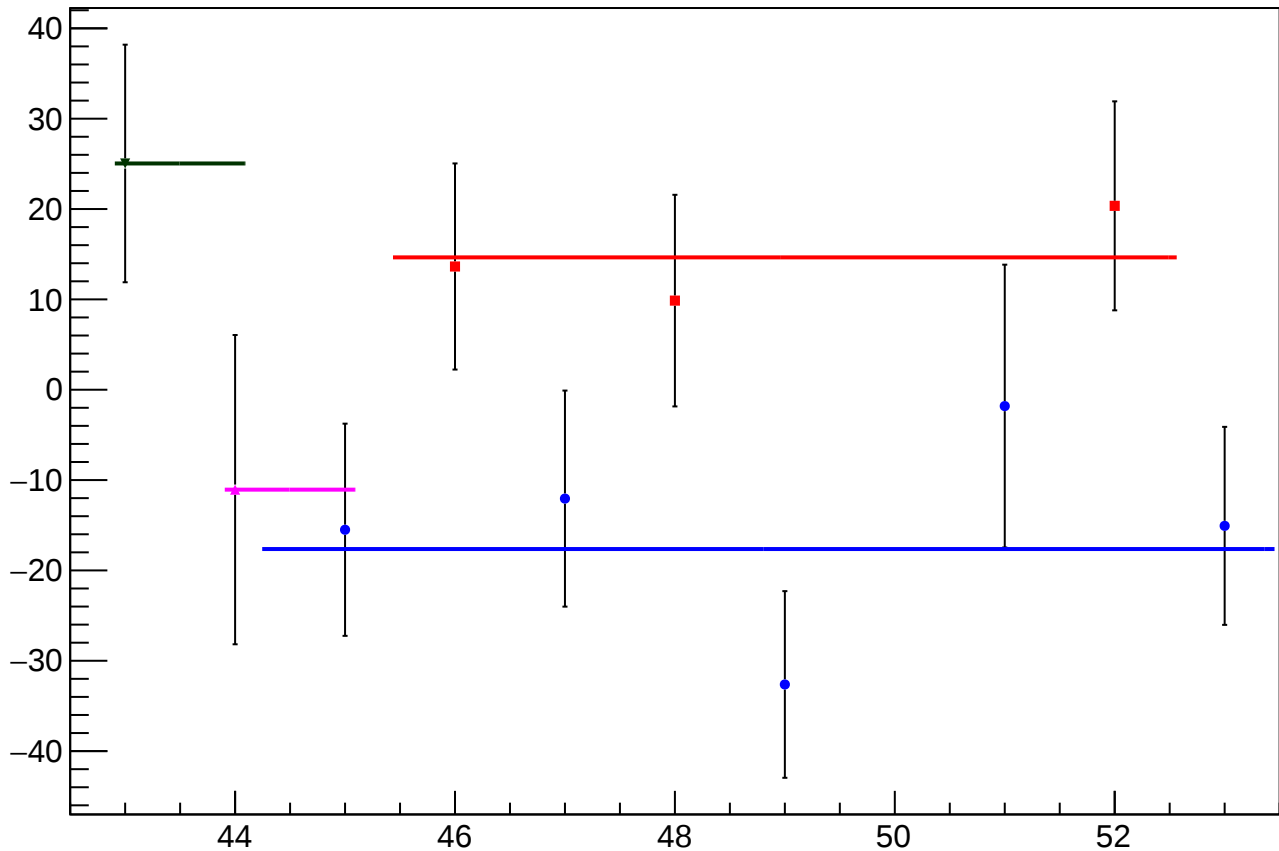
Right Out: 472.016+/-0.279 χ^2/NDF : 71278.5/2

Left In: 538.892+/-0.170 χ^2/NDF : 27750.6/7

503.671+/-0.127 χ^2/NDF : 813956.9/14

520.752+/-0.145 χ^2/NDF : 140979.8/10

diff_bpm0l01X_mean vs slug



Right In: -17.633 ± 5.269 χ^2/NDF : 3.4/4

Left Out: 25.043 ± 13.149 χ^2/NDF : 0.0/0

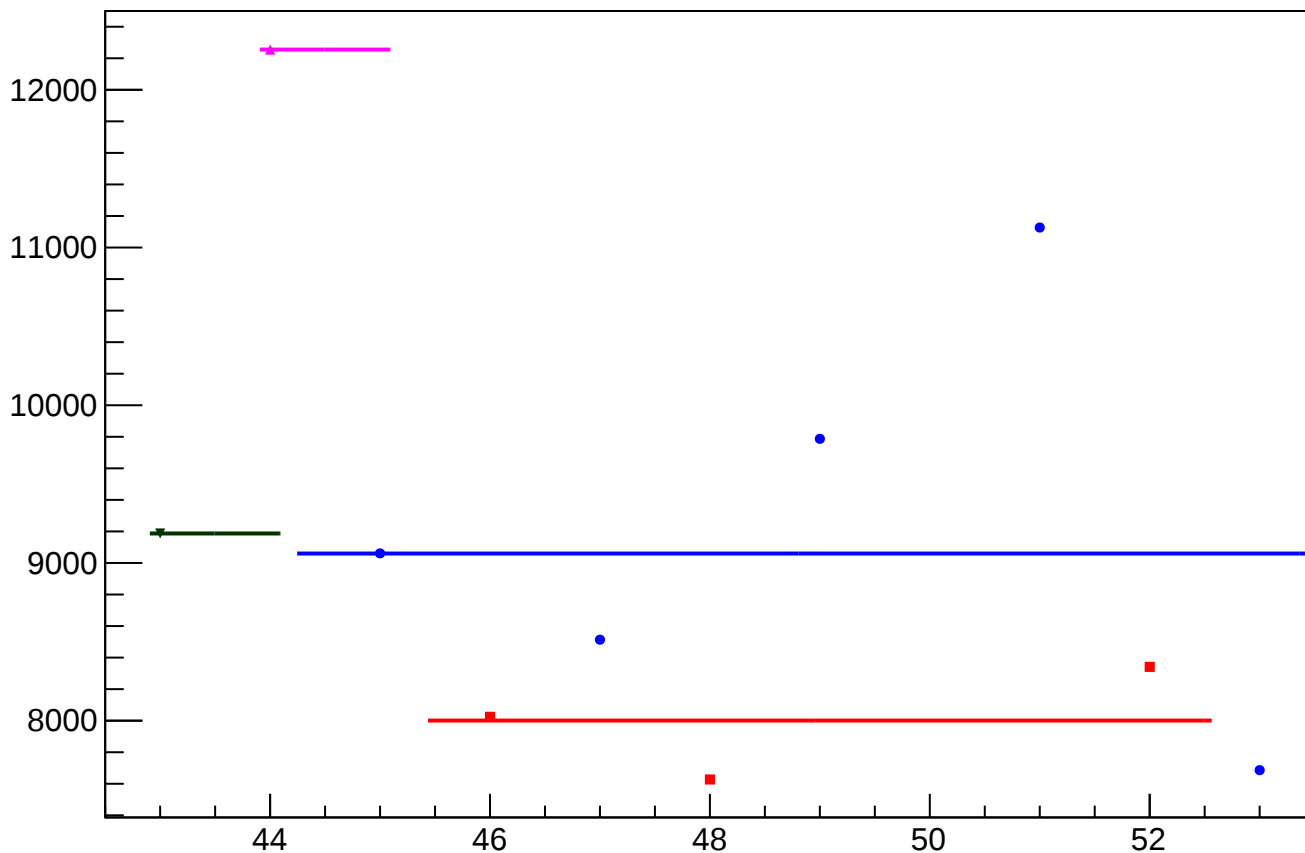
Right Out: 14.648 ± 6.674 χ^2/NDF : 0.4/2

Left In: -11.060 ± 17.116 χ^2/NDF : 0.0/0

-11.729 ± 4.891 χ^2/NDF : 12.5/5

11.255 ± 6.218 χ^2/NDF : 2.4/3

diff_bpm0l01X_rms vs slug



Right In: 9059.808+/-3.725 χ^2/NDF : 80385.5/4

Left Out: 9187.011+/-9.298 χ^2/NDF : 0.0/0

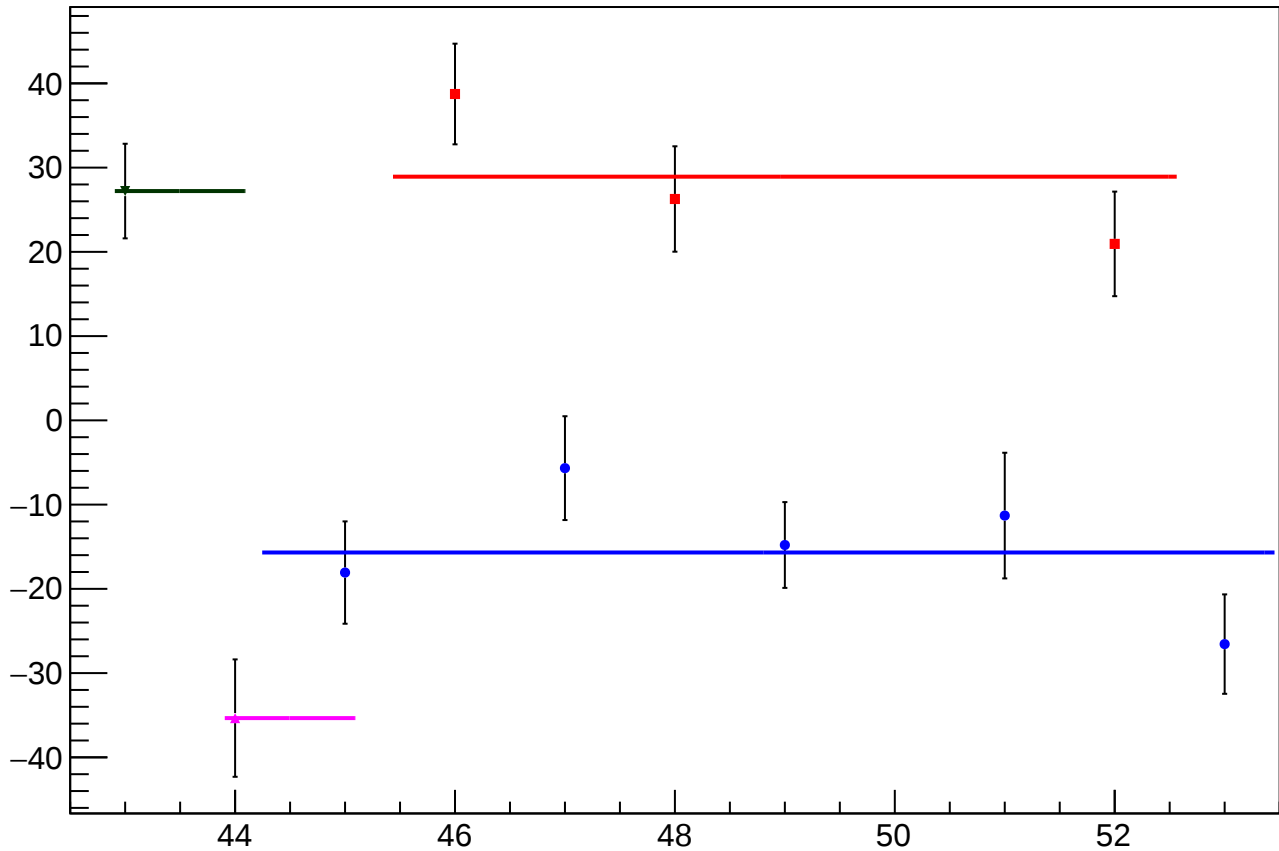
Right Out: 8000.949+/-4.719 χ^2/NDF : 3776.9/2

Left In: 12255.114+/-12.103 χ^2/NDF : 0.0/0

9077.405+/-3.458 χ^2/NDF : 80546.8/5

8562.420+/-4.397 χ^2/NDF : 111027.0/3

diff_bpm0l01Y_mean vs slug



Right In: -15.684 $\pm$ 2.685 χ^2/NDF : 6.6/4

Left Out: 27.217 $\pm$ 5.615 χ^2/NDF : 0.0/0

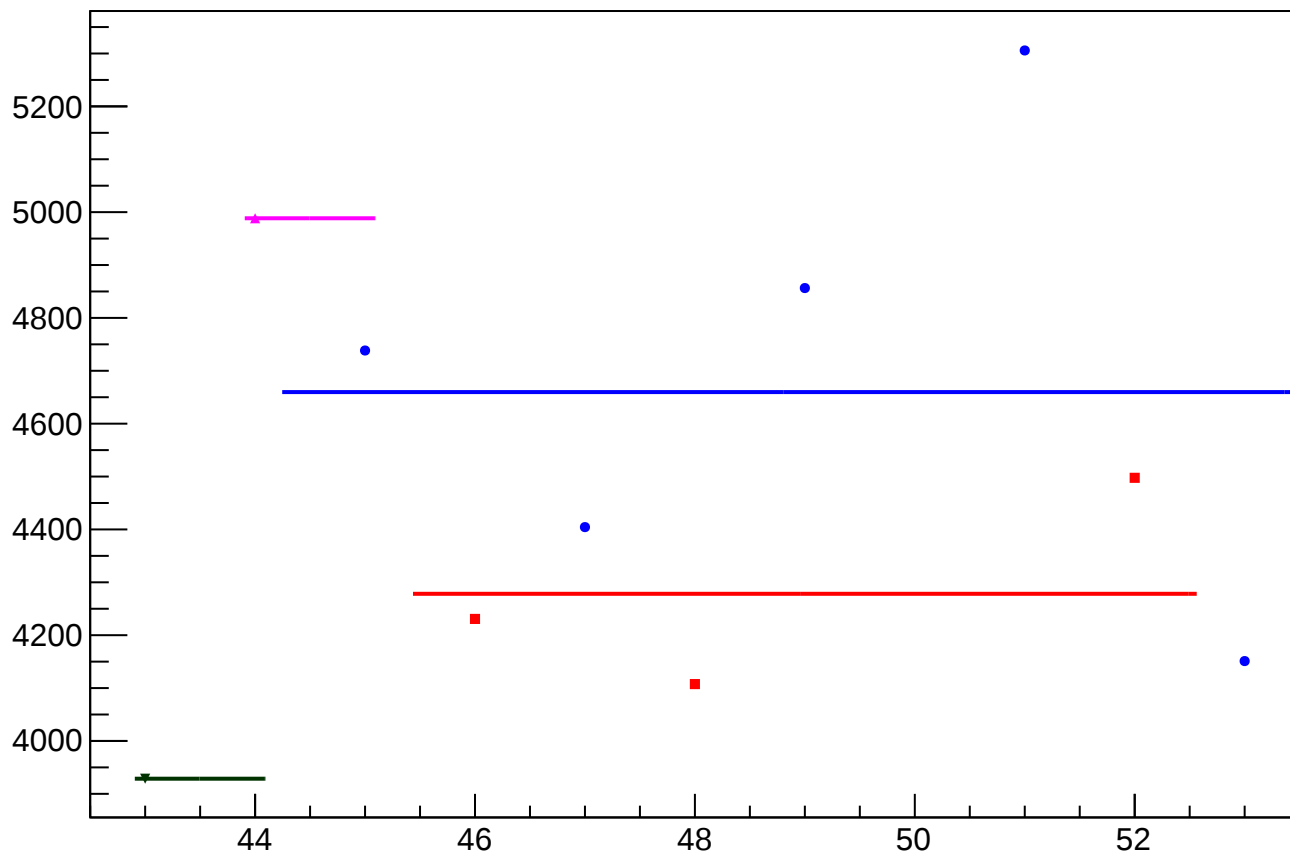
Right Out: 28.925 $\pm$ 3.546 χ^2/NDF : 4.5/2

Left In: -35.342 $\pm$ 6.967 χ^2/NDF : 0.0/0

-7.700 $\pm$ 2.422 χ^2/NDF : 54.1/5

15.704 $\pm$ 3.160 χ^2/NDF : 72.1/3

diff_bpm0l01Y_rms vs slug



Right In: 4659.729 ± 1.899 χ^2/NDF : 36624.7/4

Left Out: 3928.623 ± 3.970 χ^2/NDF : 0.0/0

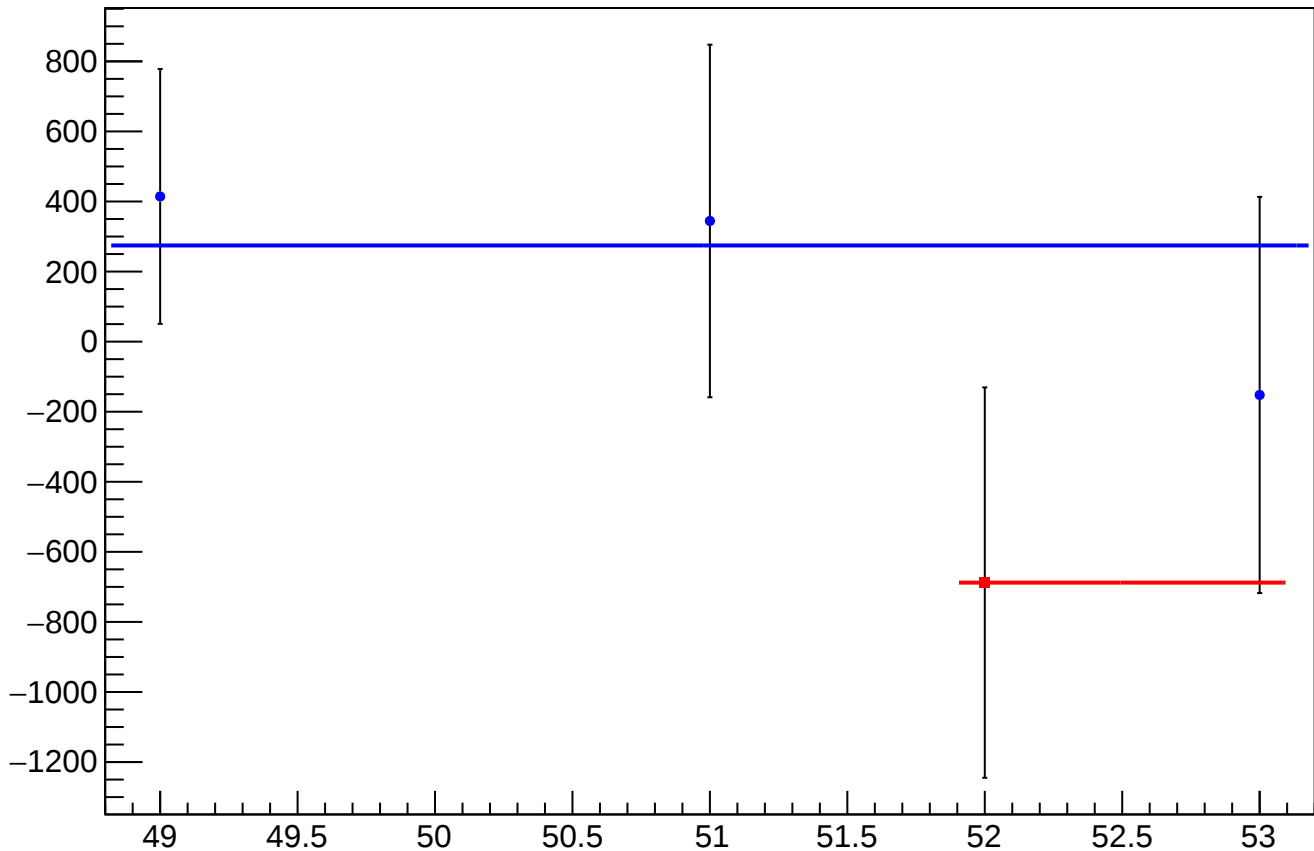
Right Out: 4278.269 ± 2.507 χ^2/NDF : 4114.3/2

Left In: 4988.411 ± 4.927 χ^2/NDF : 0.0/0

4523.670 ± 1.713 χ^2/NDF : 64222.6/5

4424.365 ± 2.235 χ^2/NDF : 20616.3/3

asym_ds_agg_av_mean vs slug



Right In: 274.492+/-261.363 χ^2/NDF : 0.7/2

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

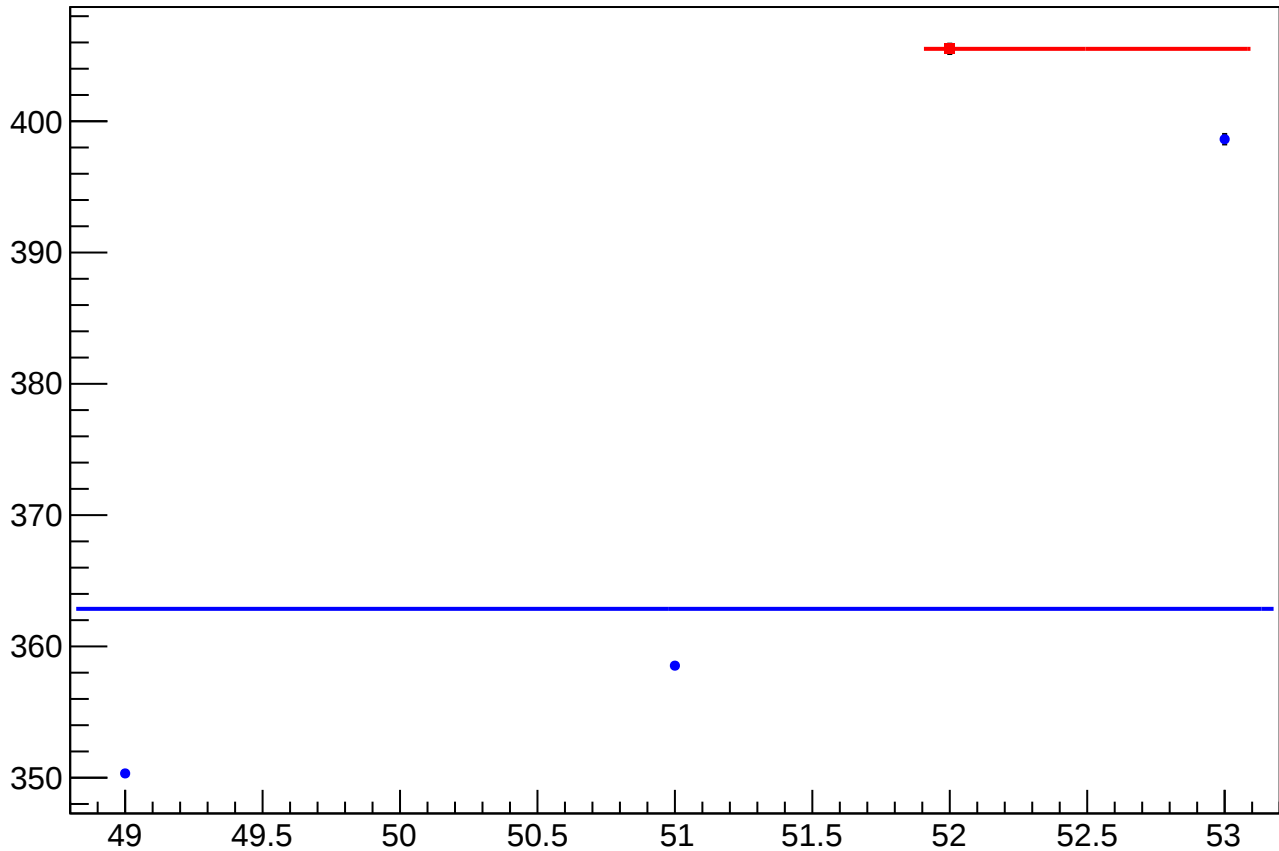
Right Out: -687.781+/-557.146 χ^2/NDF : 0.0/0

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

274.492+/-261.363 χ^2/NDF : 0.7/2

-687.781+/-557.146 χ^2/NDF : 0.0/0

asym_ds_agg_av_rms vs slug



Right In: 362.862 $\pm$ 0.185 χ^2 /NDF: 10527.5/2

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

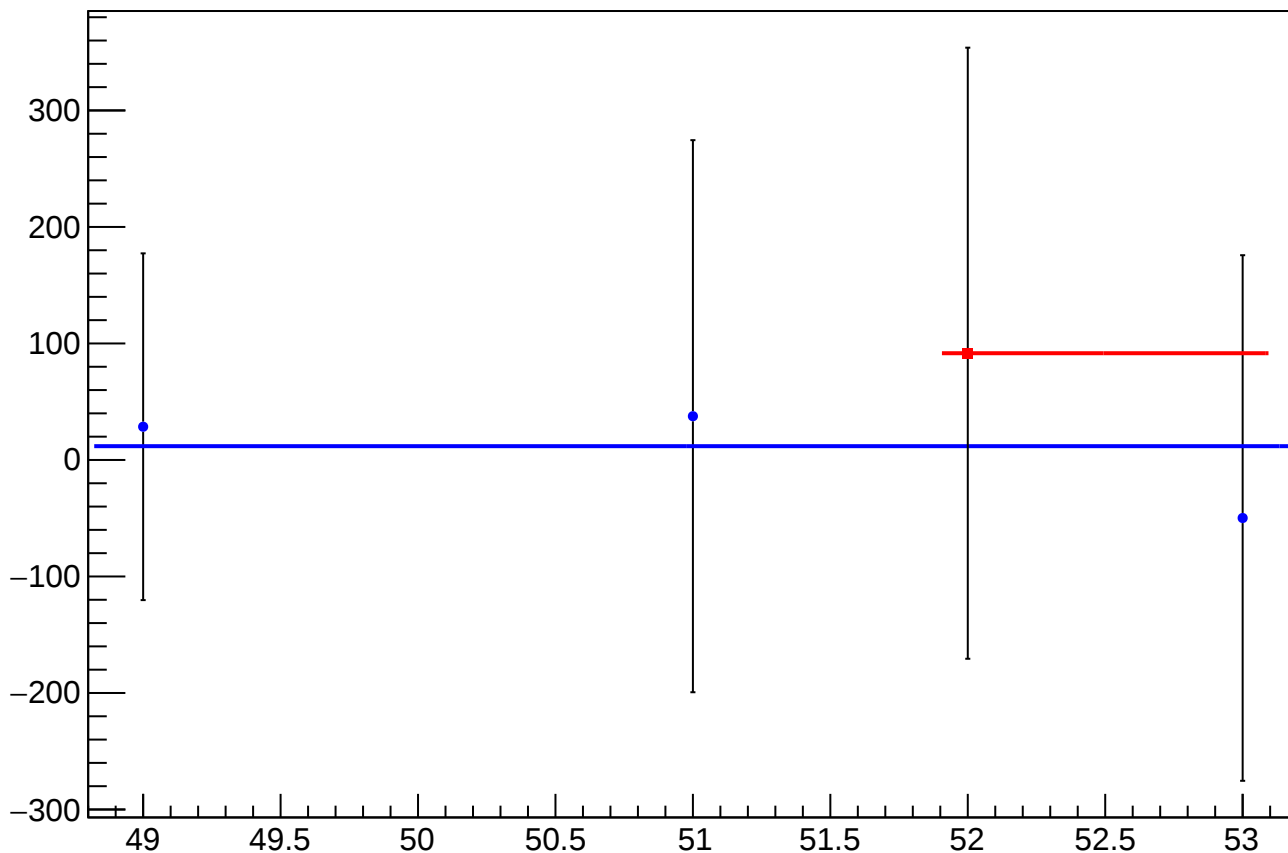
362.862 $\pm$ 0.185 χ^2 /NDF: 10527.5/2

Right Out: 405.514 $\pm$ 0.394 χ^2 /NDF: 0.0/0

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

405.514 $\pm$ 0.394 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 11.840+/-110.008 χ^2/NDF : 0.1/2

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

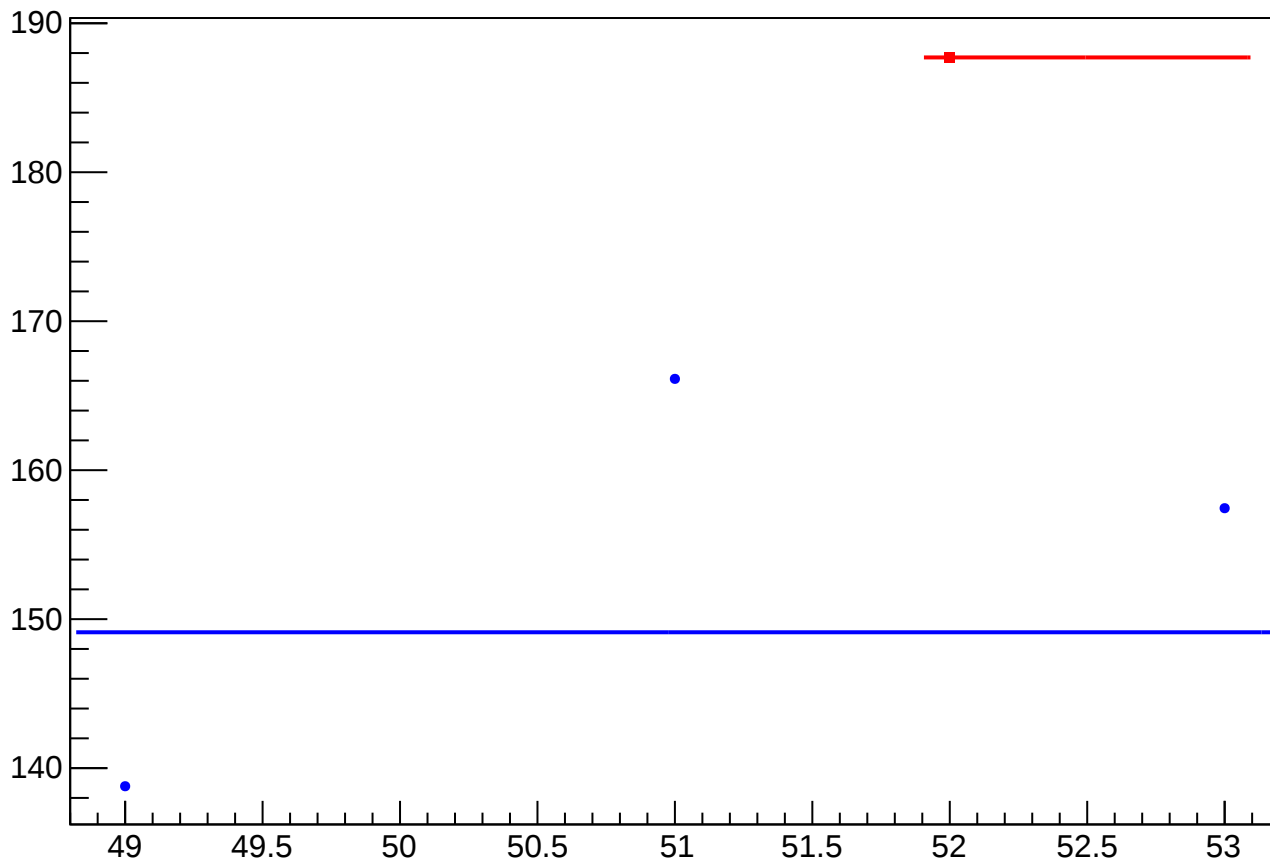
Right Out: 91.621+/-262.253 χ^2/NDF : 0.0/0

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

11.840+/-110.008 χ^2/NDF : 0.1/2

91.621+/-262.253 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 149.120 $\pm$ 0.078 χ^2 /NDF: 22682.7/2

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

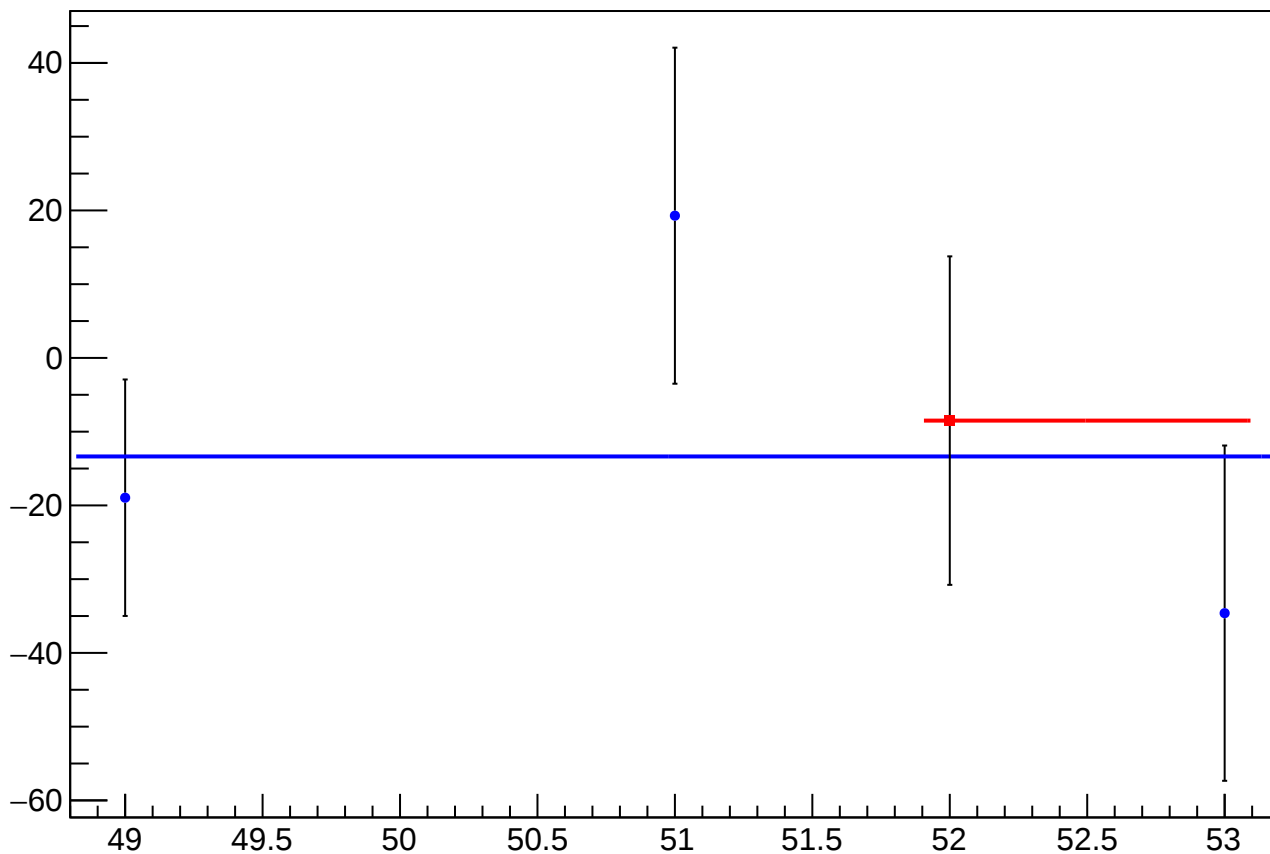
149.120 $\pm$ 0.078 χ^2 /NDF: 22682.7/2

Right Out: 187.706 $\pm$ 0.185 χ^2 /NDF: 0.0/0

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

187.706 $\pm$ 0.185 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -13.361 $\pm$ 11.358 χ^2 /NDF: 3.0/2

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

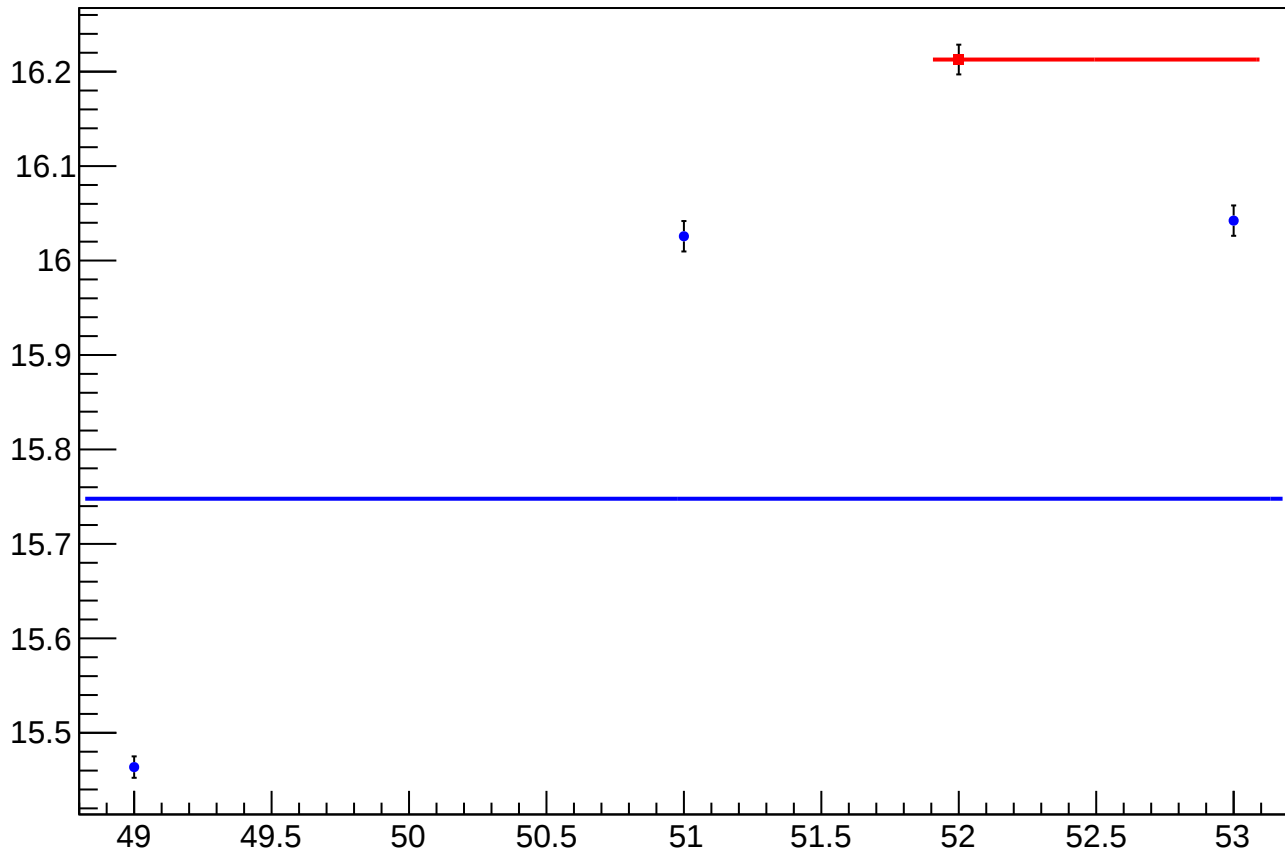
Right Out: -8.501 $\pm$ 22.272 χ^2 /NDF: 0.0/0

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

-13.361 $\pm$ 11.358 χ^2 /NDF: 3.0/2

-8.501 $\pm$ 22.272 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.748 $\pm$ 0.008 χ^2 /NDF: 1261.0/2

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

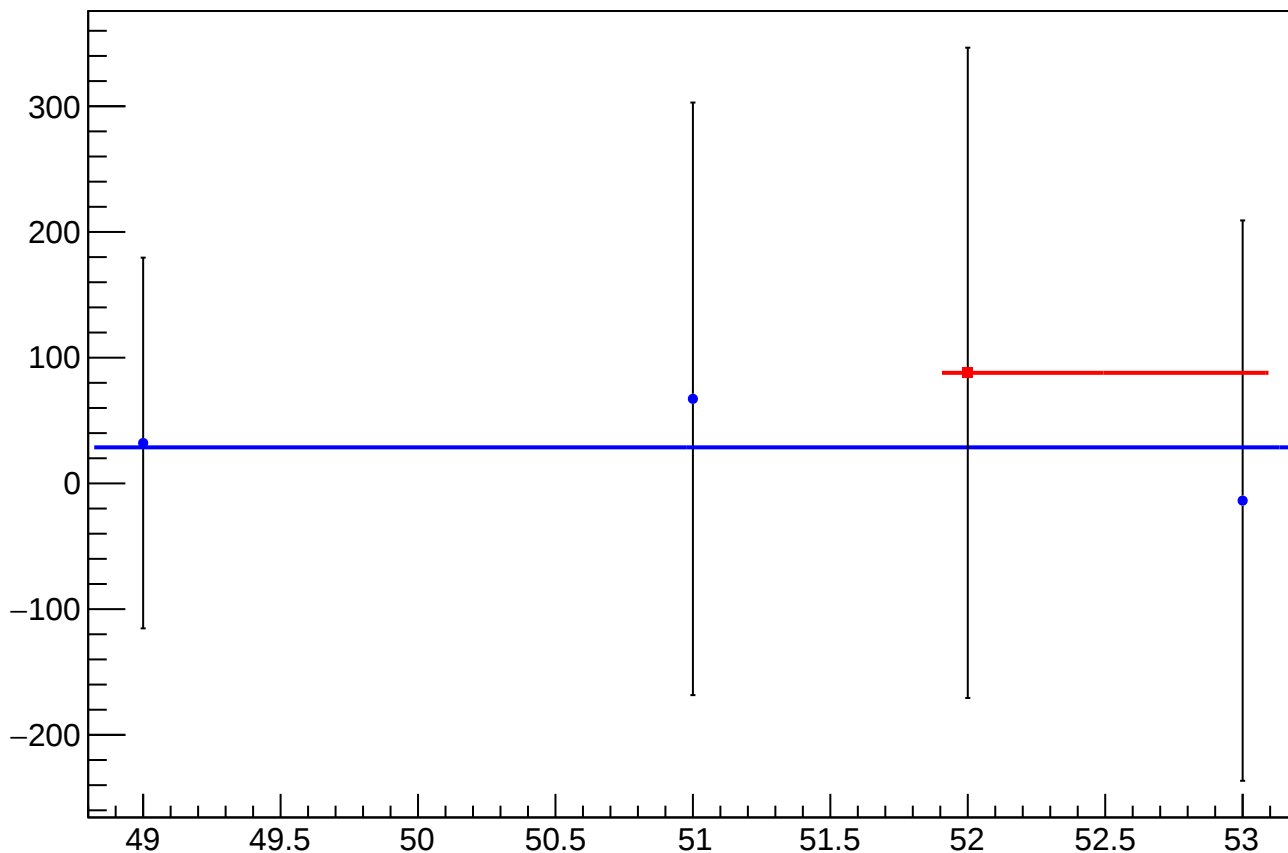
Right Out: 16.213 $\pm$ 0.016 χ^2 /NDF: 0.0/0

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

15.748 $\pm$ 0.008 χ^2 /NDF: 1261.0/2

16.213 $\pm$ 0.016 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 28.686+/-109.012 χ^2/NDF : 0.1/2

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

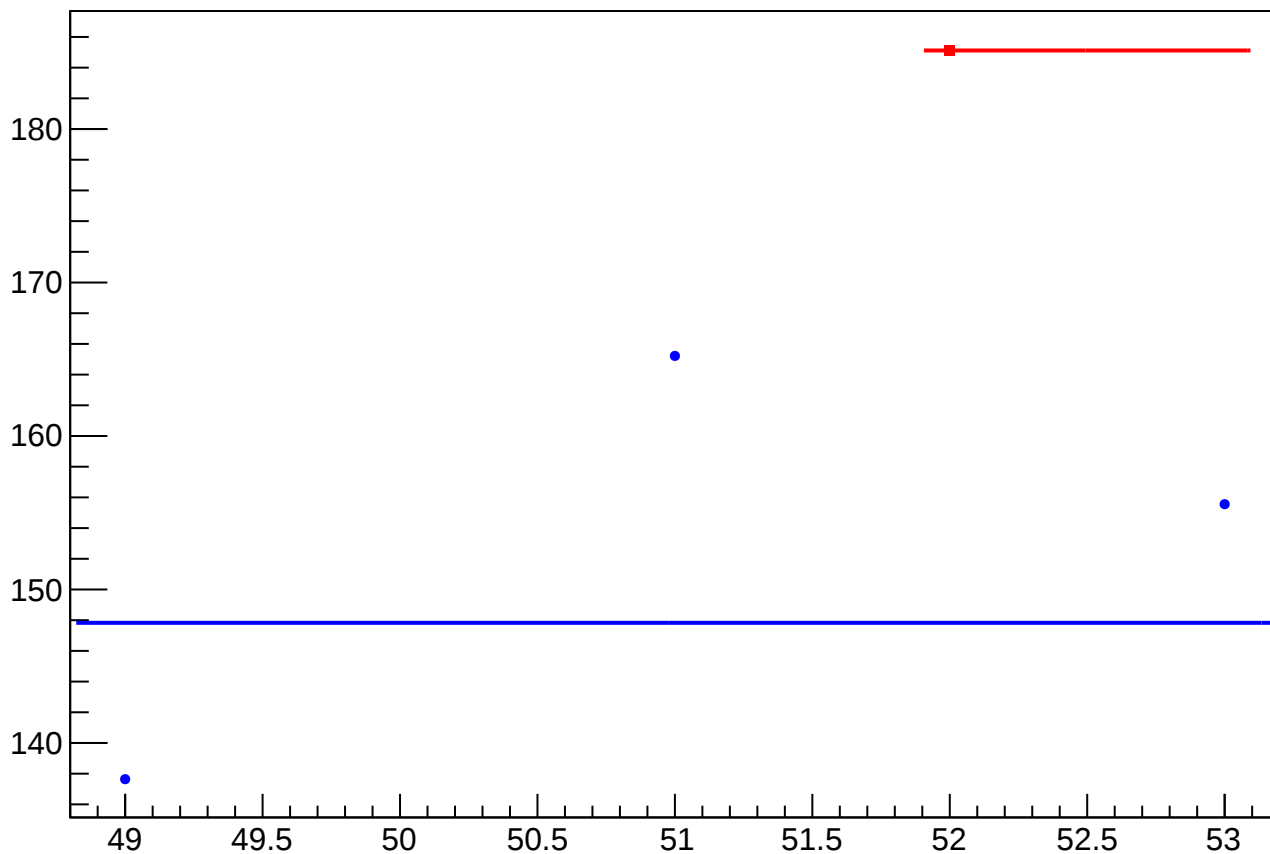
Right Out: 87.956+/-258.618 χ^2/NDF : 0.0/0

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

28.686+/-109.012 χ^2/NDF : 0.1/2

87.956+/-258.618 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 147.829+/-0.077 χ^2/NDF : 22849.6/2

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

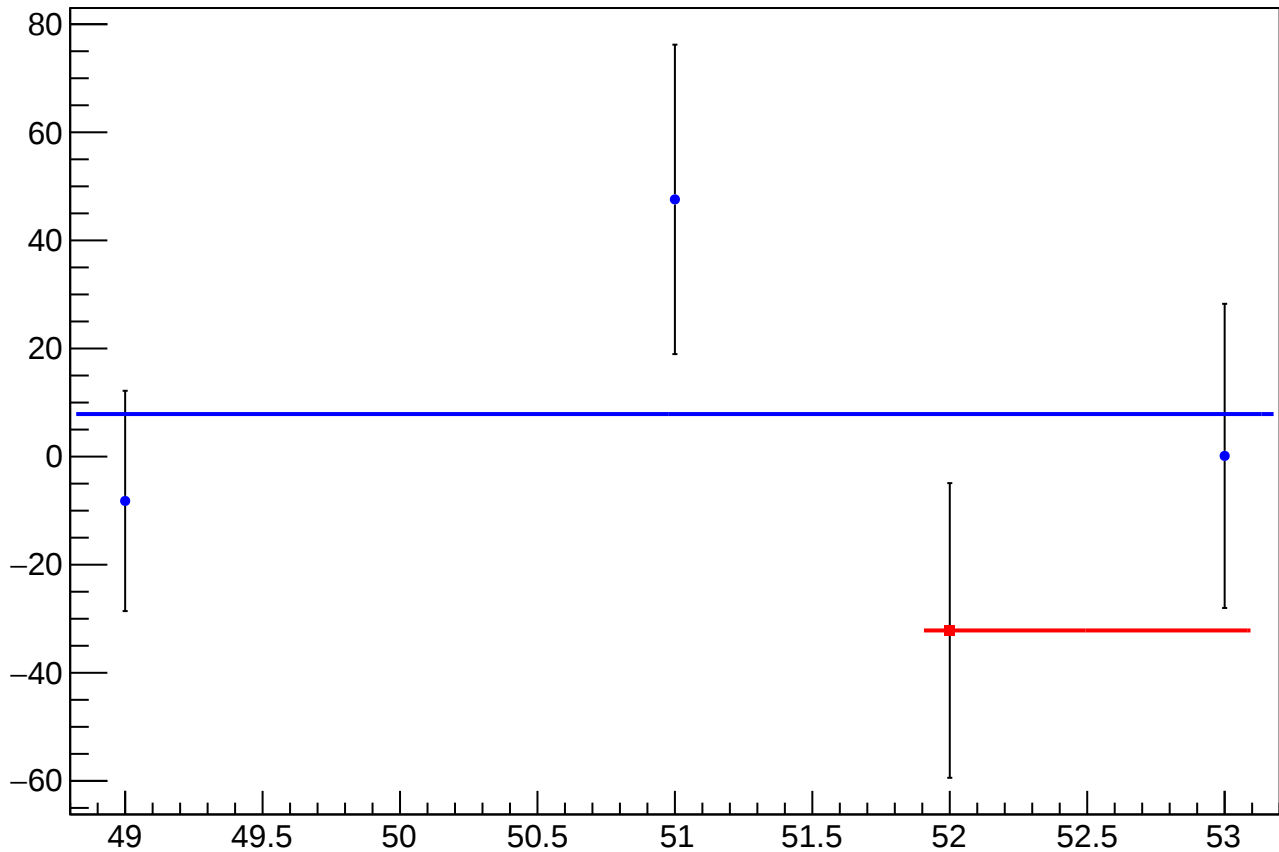
Right Out: 185.119+/-0.183 χ^2/NDF : 0.0/0

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

147.829+/-0.077 χ^2/NDF : 22849.6/2

185.119+/-0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: 7.871+/-14.299 χ^2 /NDF: 2.6/2

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

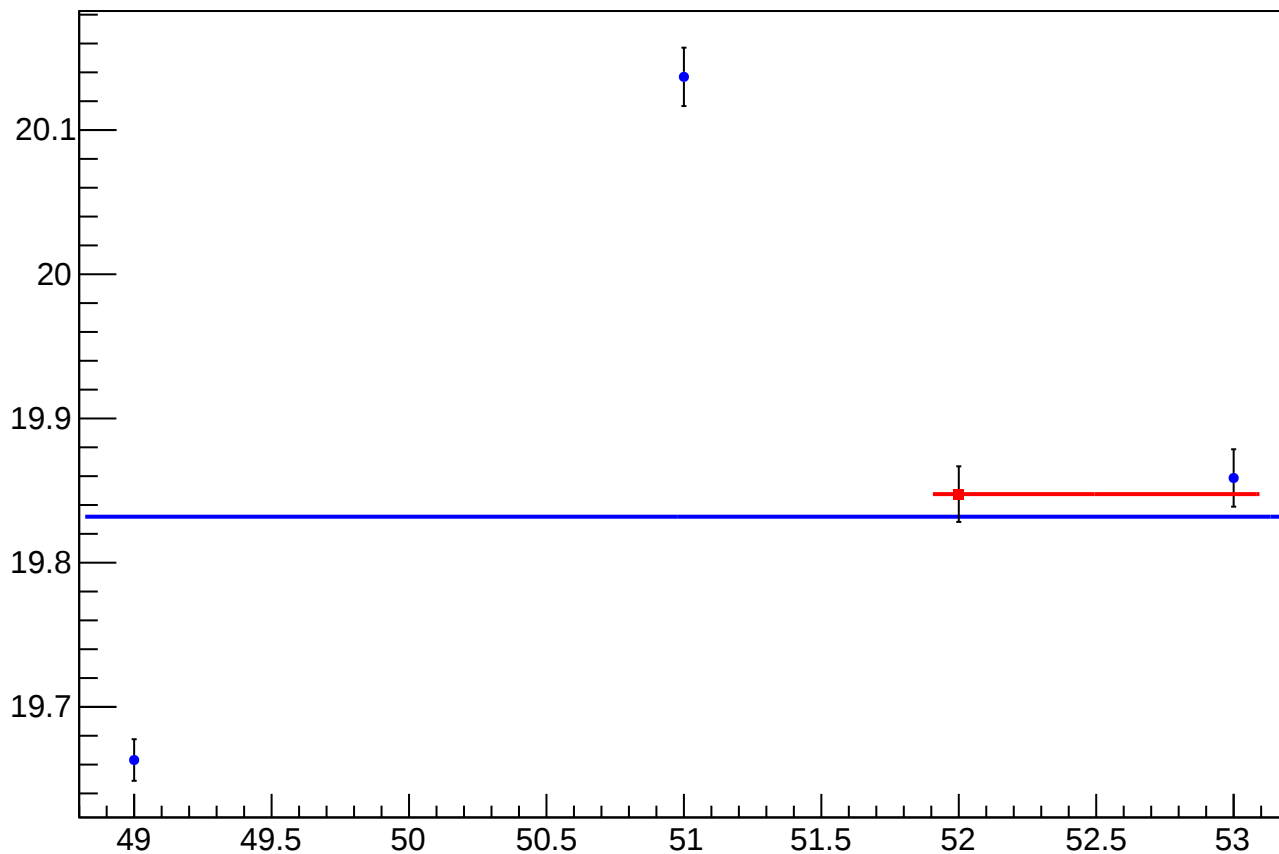
Right Out: -32.166+/-27.260 χ^2 /NDF: 0.0/0

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

7.871+/-14.299 χ^2 /NDF: 2.6/2

-32.166+/-27.260 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.832+/-0.010 χ^2 /NDF: 365.9/2

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

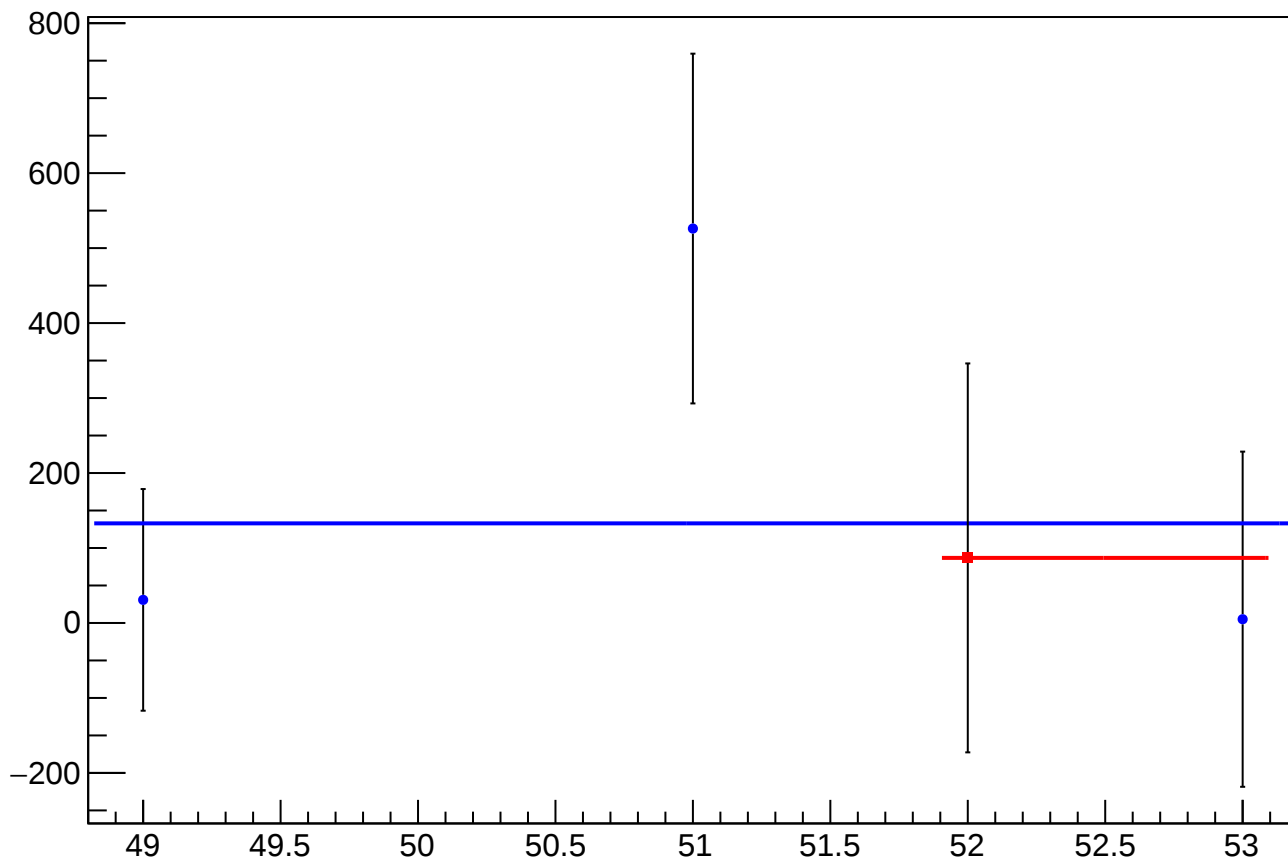
Right Out: 19.848+/-0.019 χ^2 /NDF: 0.0/0

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

19.832+/-0.010 χ^2 /NDF: 365.9/2

19.848+/-0.019 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 132.855+/-109.011 χ^2/NDF : 3.6/2

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

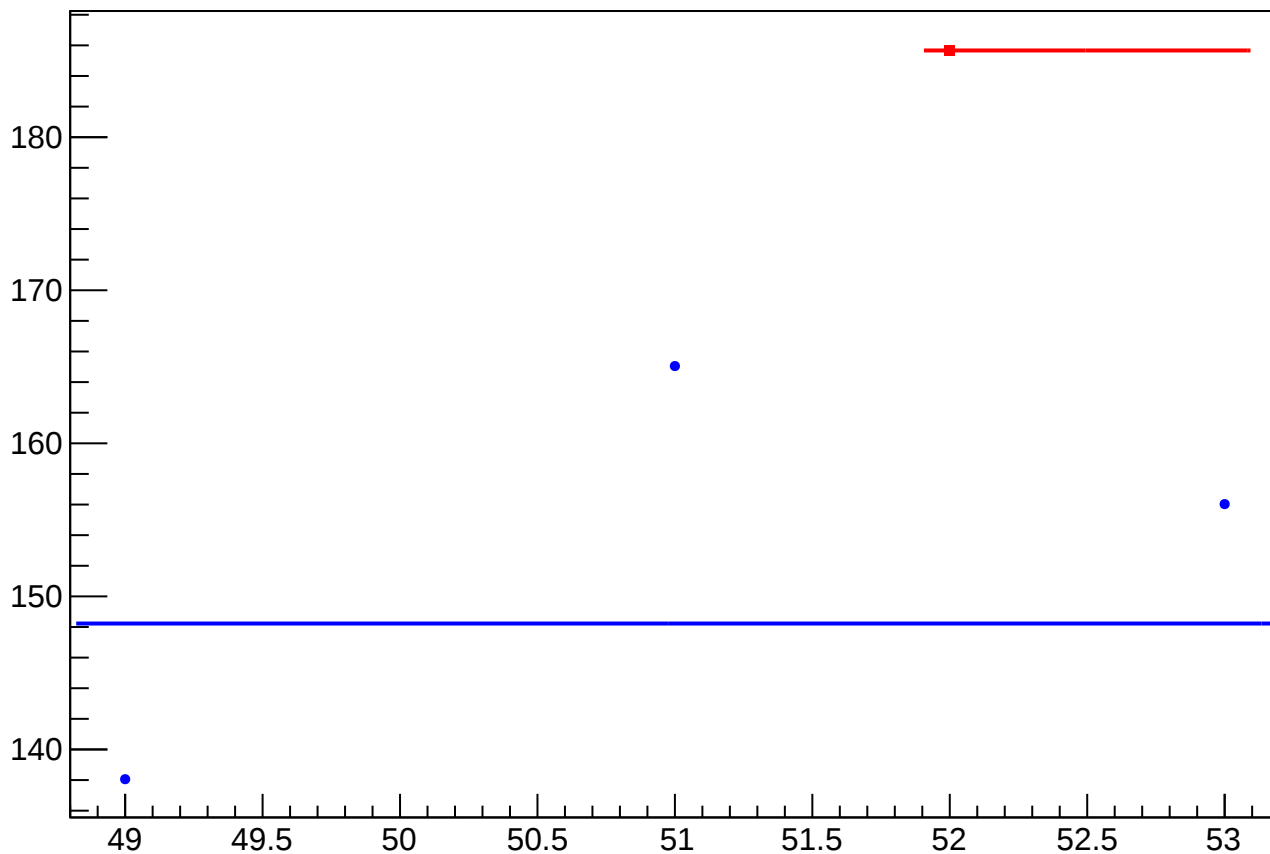
Right Out: 86.795+/-259.372 χ^2/NDF : 0.0/0

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

132.855+/-109.011 χ^2/NDF : 3.6/2

86.795+/-259.372 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 148.227 $\pm$ 0.077 χ^2 /NDF: 22304.0/2

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

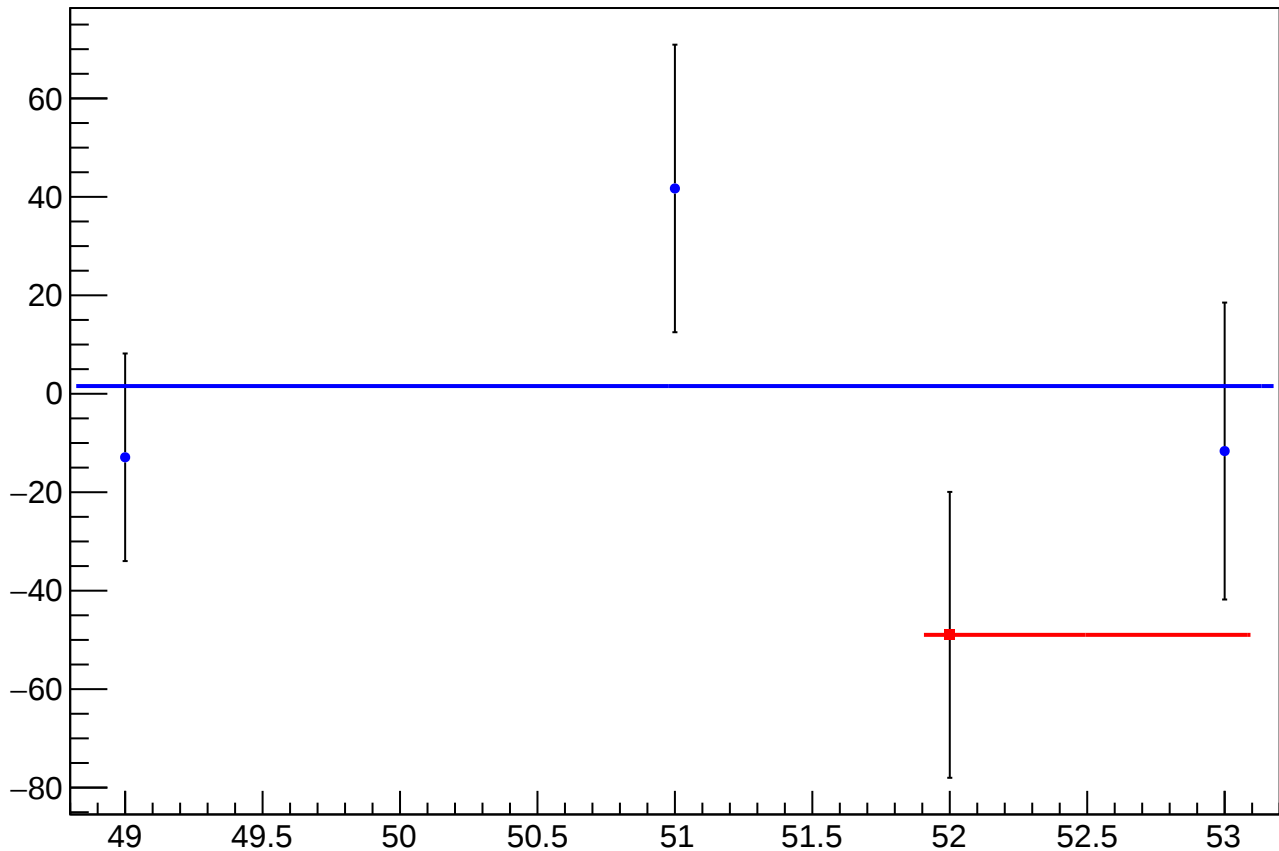
148.227 $\pm$ 0.077 χ^2 /NDF: 22304.0/2

Right Out: 185.666 $\pm$ 0.183 χ^2 /NDF: 0.0/0

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

185.666 $\pm$ 0.183 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: 1.567+/-14.872 χ^2 /NDF: 2.6/2

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

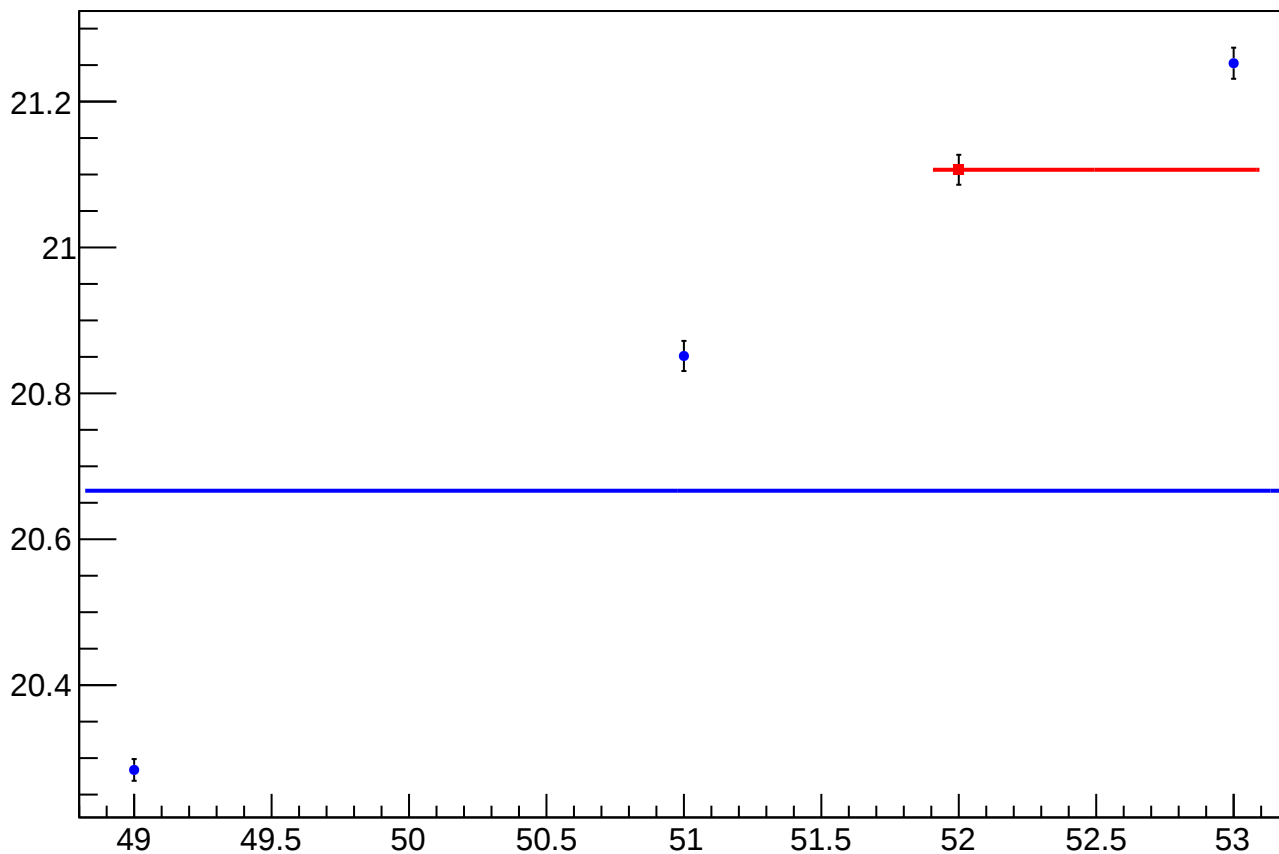
Right Out: -48.972+/-29.037 χ^2 /NDF: 0.0/0

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

1.567+/-14.872 χ^2 /NDF: 2.6/2

-48.972+/-29.037 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.667 $\pm$ 0.011 χ^2 /NDF: 1494.2/2

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

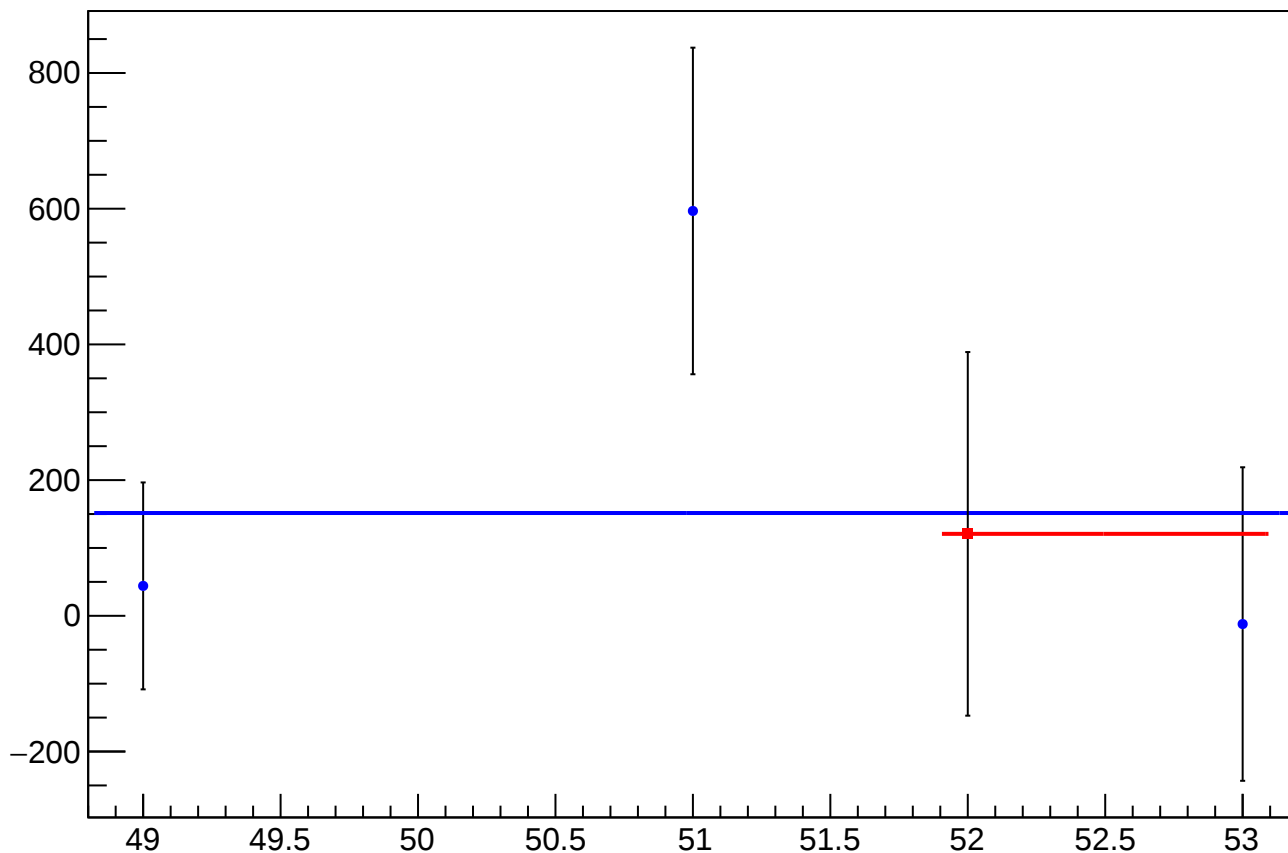
Right Out: 21.107 $\pm$ 0.021 χ^2 /NDF: 0.0/0

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

20.667 $\pm$ 0.011 χ^2 /NDF: 1494.2/2

21.107 $\pm$ 0.021 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 151.510 $\pm$ 112.501 χ^2 /NDF: 4.4/2

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

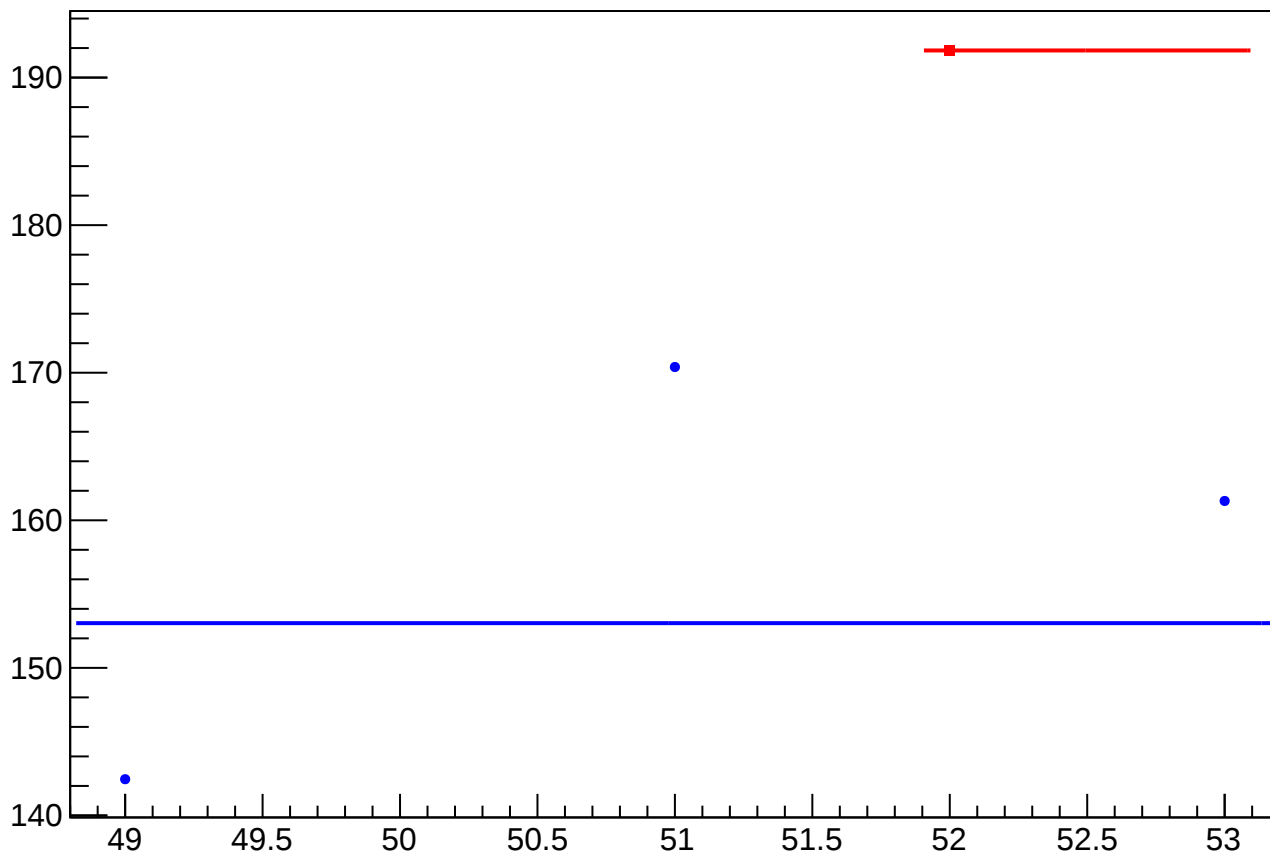
Right Out: 120.783 $\pm$ 267.957 χ^2 /NDF: 0.0/0

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

151.510 $\pm$ 112.501 χ^2 /NDF: 4.4/2

120.783 $\pm$ 267.957 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 153.030+/-0.080 χ^2/NDF : 22591.3/2

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

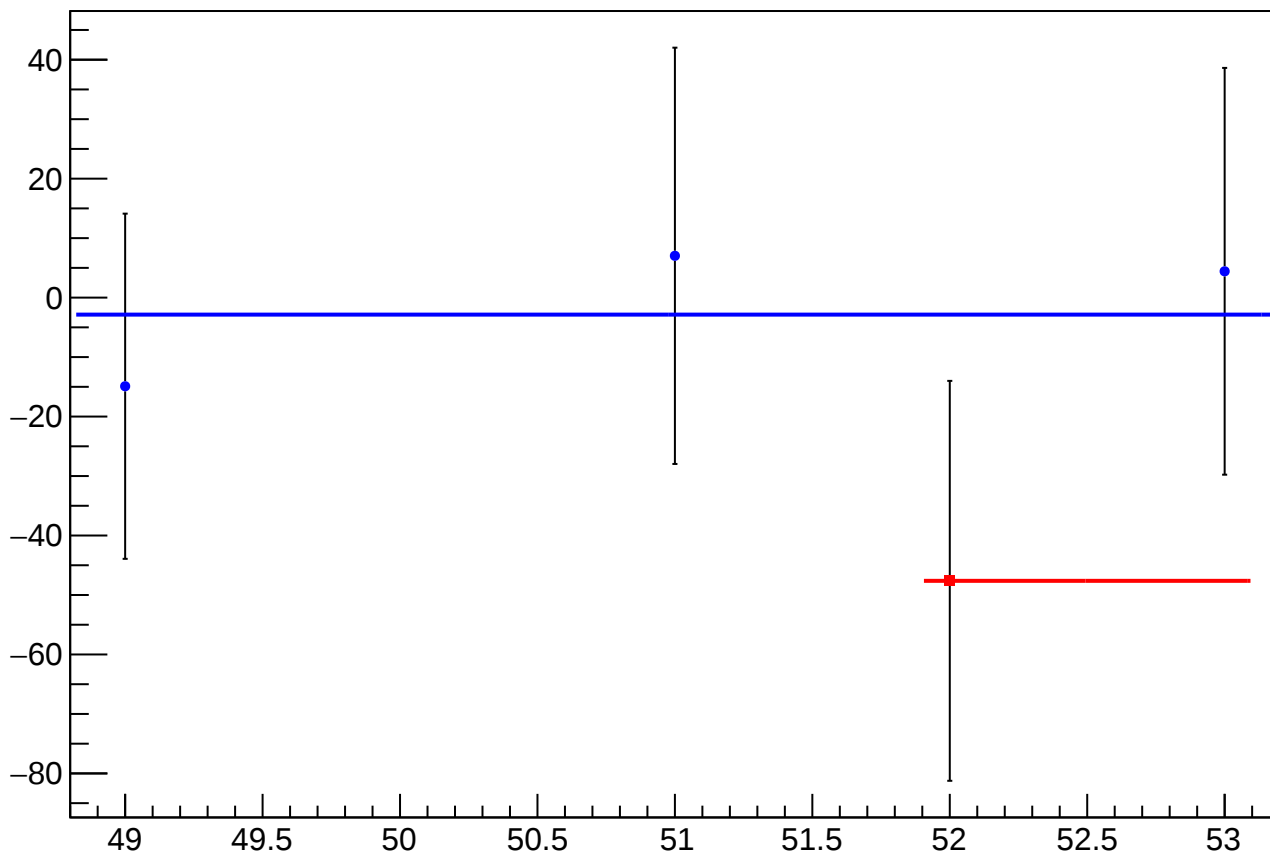
Right Out: 191.837+/-0.189 χ^2/NDF : 0.0/0

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

153.030+/-0.080 χ^2/NDF : 22591.3/2

191.837+/-0.189 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -2.859+/-18.702 χ^2/NDF : 0.3/2

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

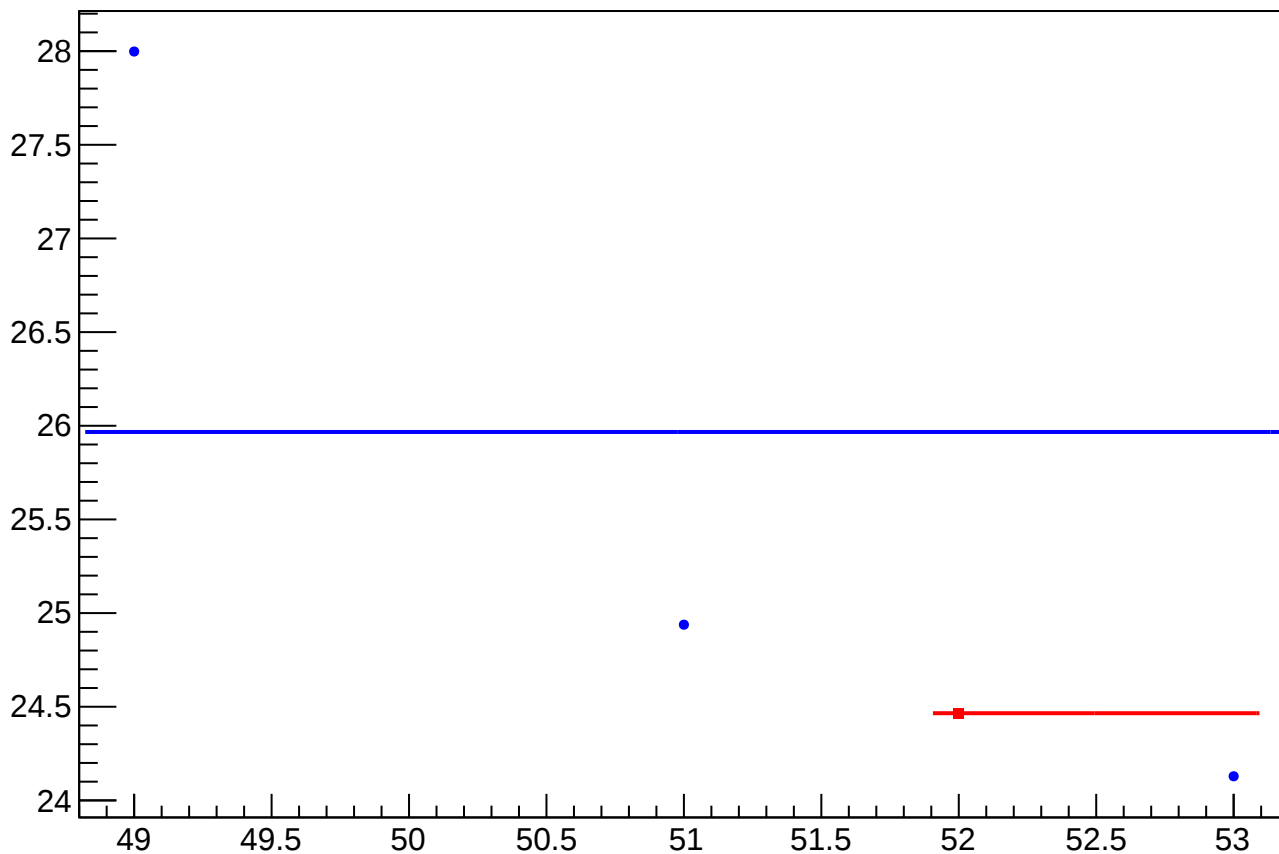
Right Out: -47.620+/-33.620 χ^2/NDF : 0.0/0

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

-2.859+/-18.702 χ^2/NDF : 0.3/2

-47.620+/-33.620 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 25.967 $\pm$ 0.013 χ^2 /NDF: 17304.2/2

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

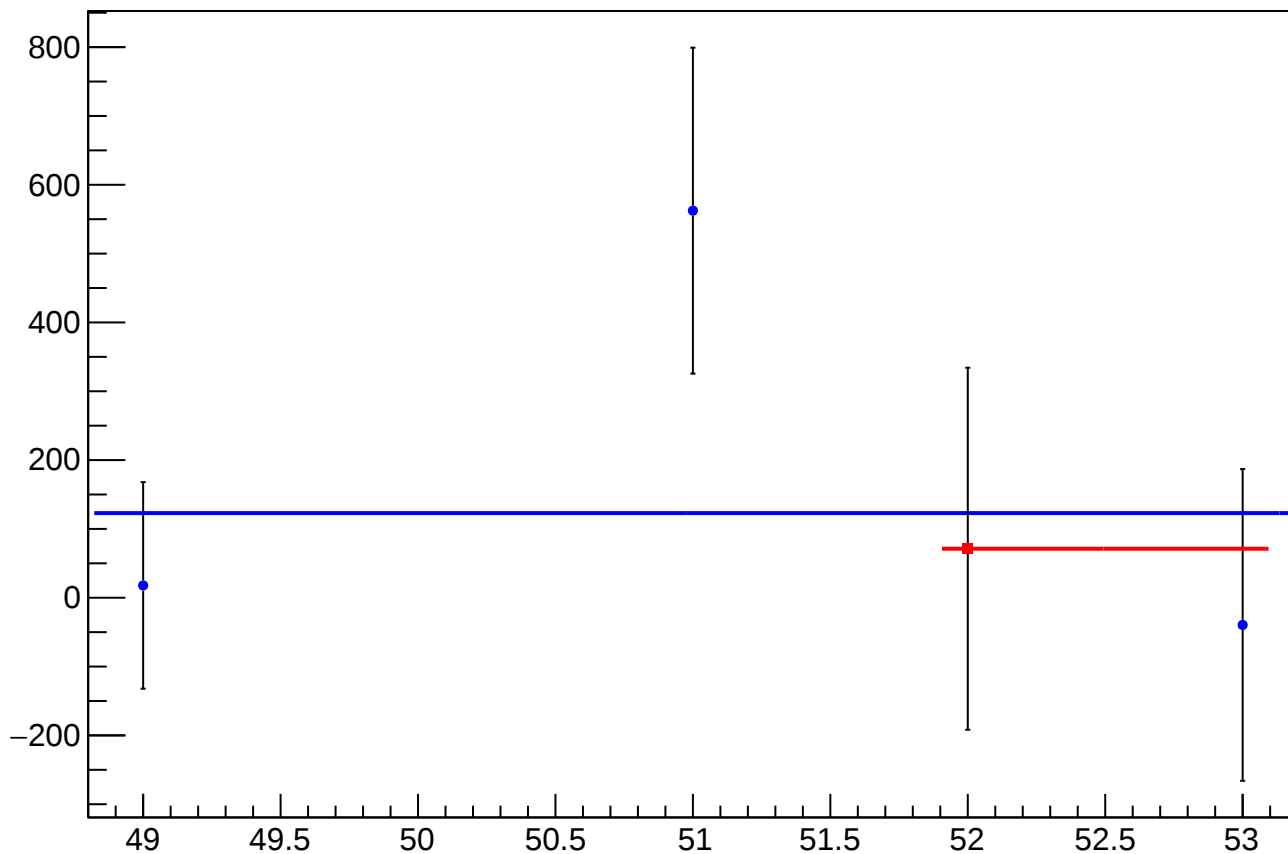
Right Out: 24.465 $\pm$ 0.024 χ^2 /NDF: 0.0/0

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

25.967 $\pm$ 0.013 χ^2 /NDF: 17304.2/2

24.465 $\pm$ 0.024 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 122.996+/-110.615 χ^2/NDF : 4.4/2

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

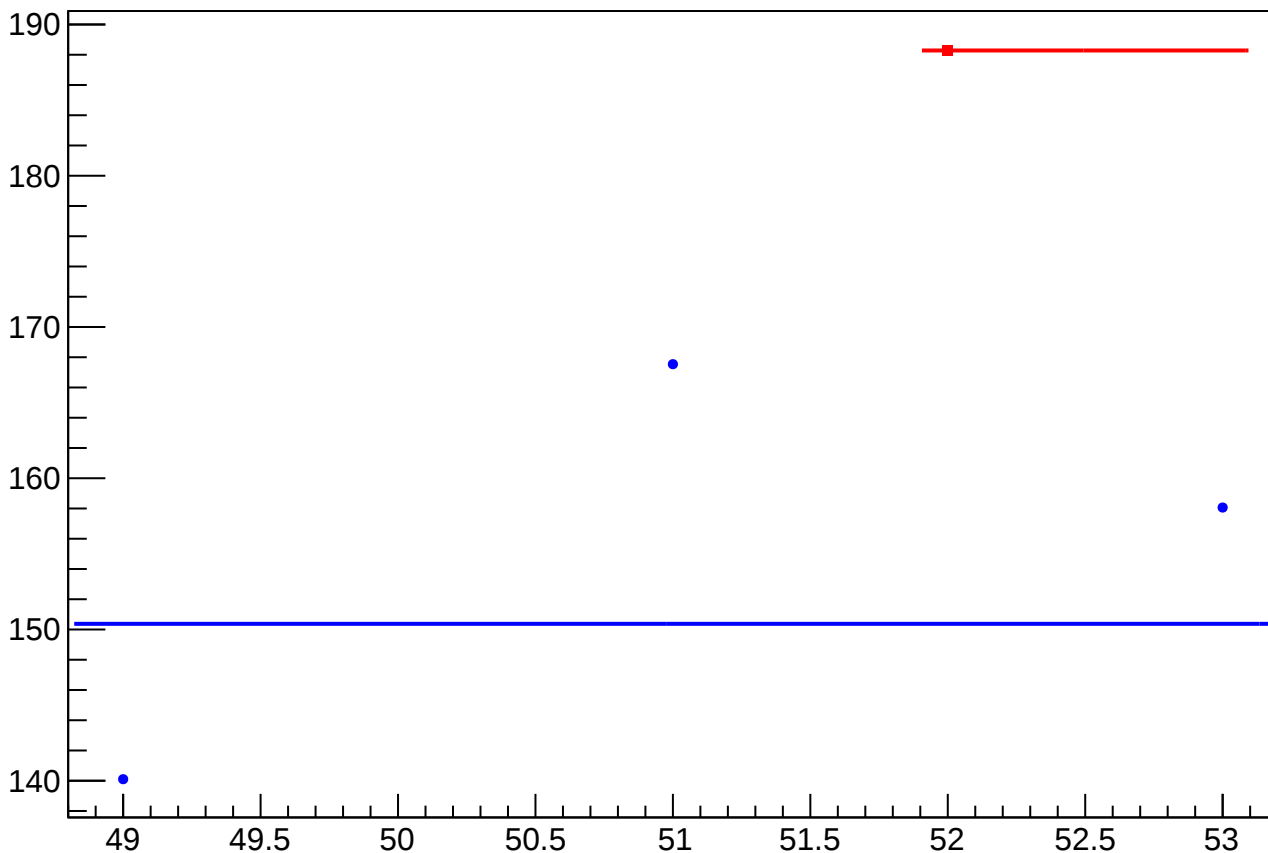
Right Out: 71.188+/-263.026 χ^2/NDF : 0.0/0

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

122.996+/-110.615 χ^2/NDF : 4.4/2

71.188+/-263.026 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 150.375+/-0.078 χ^2/NDF : 22185.0/2

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

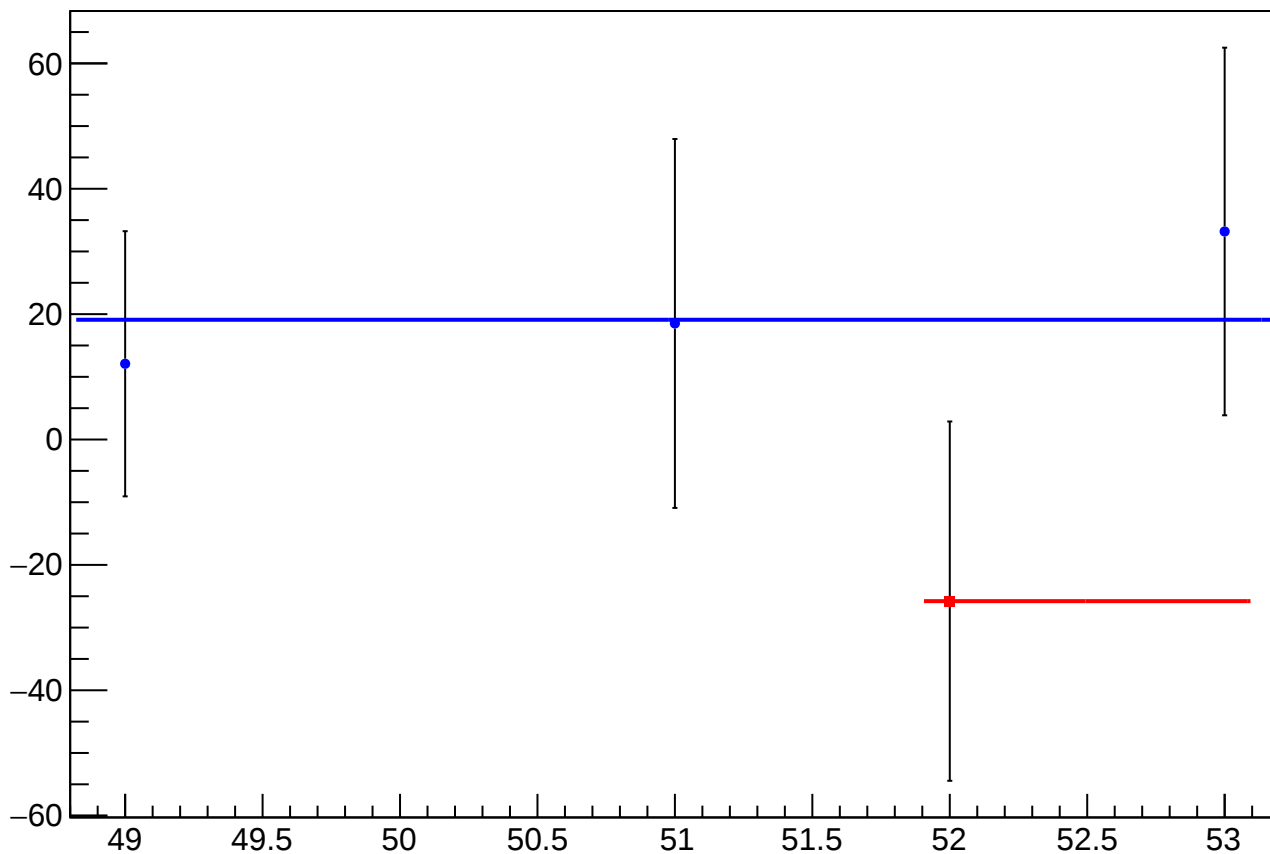
Right Out: 188.281+/-0.186 χ^2/NDF : 0.0/0

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

150.375+/-0.078 χ^2/NDF : 22185.0/2

188.281+/-0.186 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 19.105+/-14.819 χ^2/NDF : 0.3/2

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

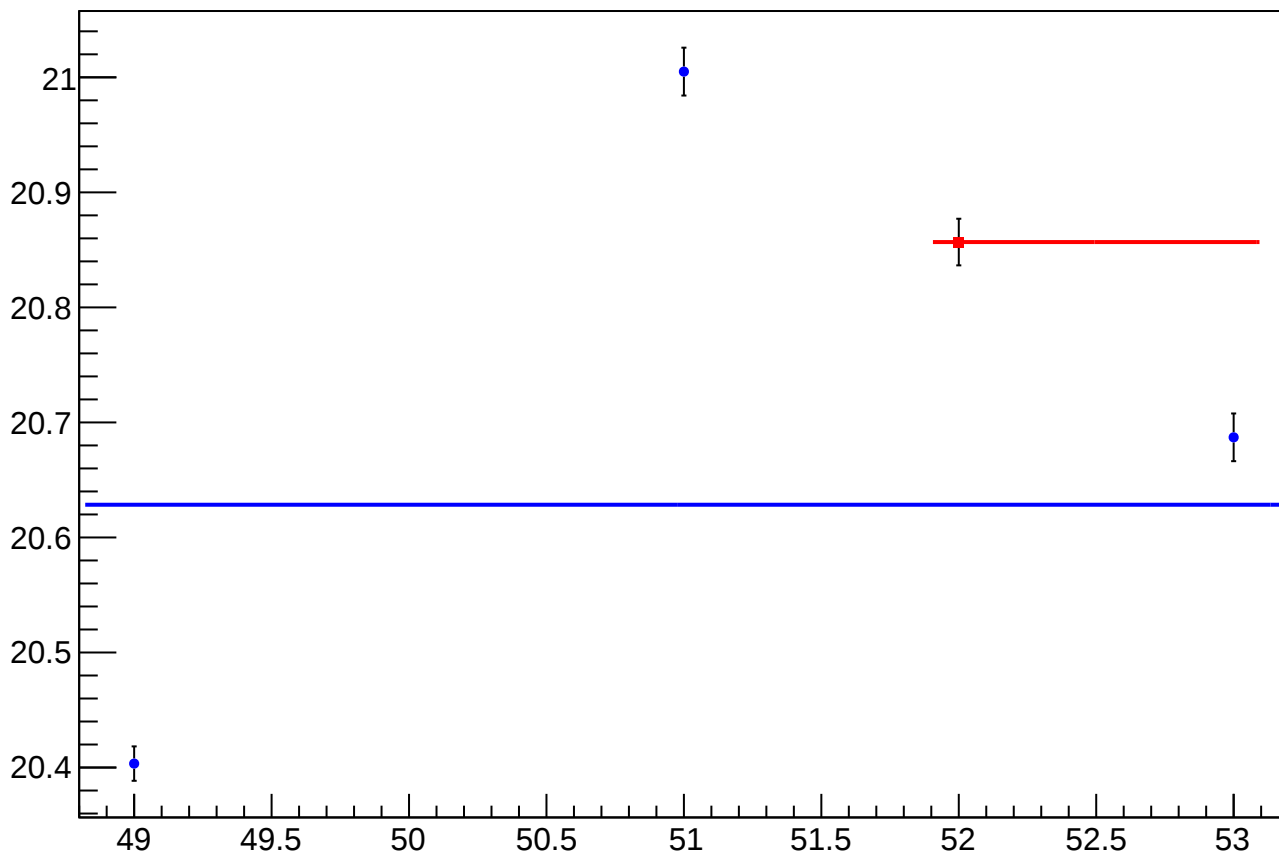
Right Out: -25.782+/-28.658 χ^2/NDF : 0.0/0

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

19.105+/-14.819 χ^2/NDF : 0.3/2

-25.782+/-28.658 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.628 $\pm$ 0.010 χ^2 /NDF: 561.9/2

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

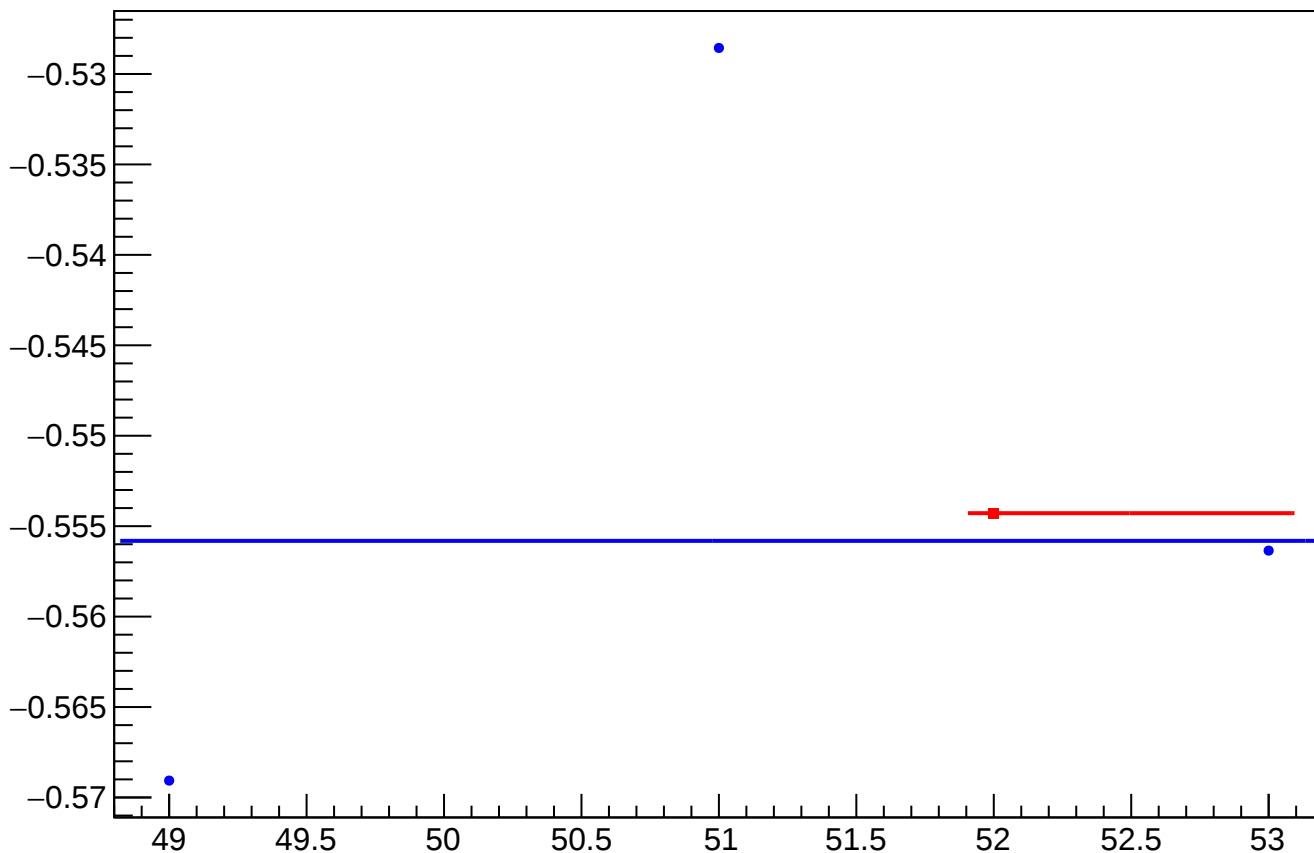
Right Out: 20.857 $\pm$ 0.020 χ^2 /NDF: 0.0/0

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

20.628 $\pm$ 0.010 χ^2 /NDF: 561.9/2

20.857 $\pm$ 0.020 χ^2 /NDF: 0.0/0

yield_bpm0l01X_mean vs slug



Right In: -0.556+/-0.000 χ^2/NDF : 4344055.6/2

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

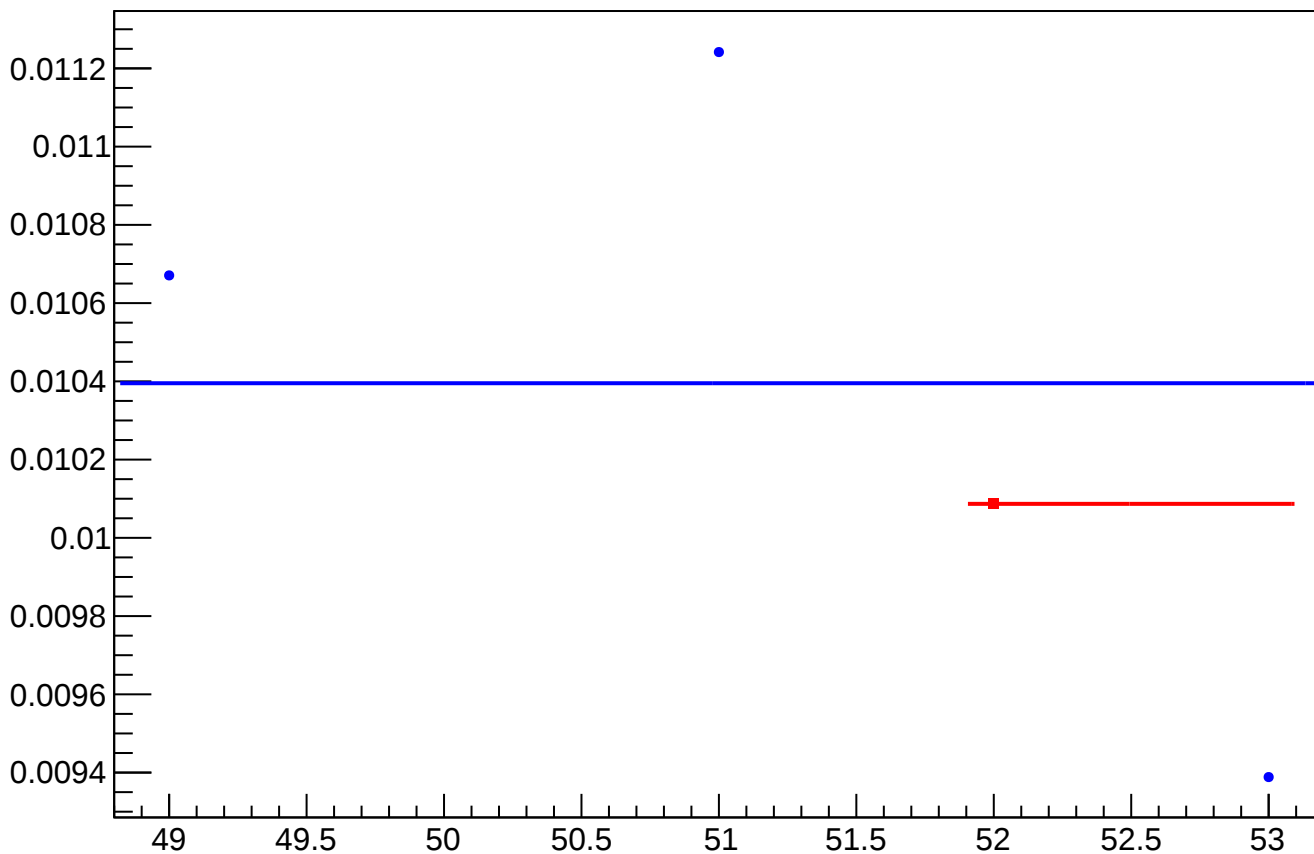
Right Out: -0.554+/-0.000 χ^2/NDF : 0.0/0

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

-0.556+/-0.000 χ^2/NDF : 4344055.6/2

-0.554+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 18065.6/2

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

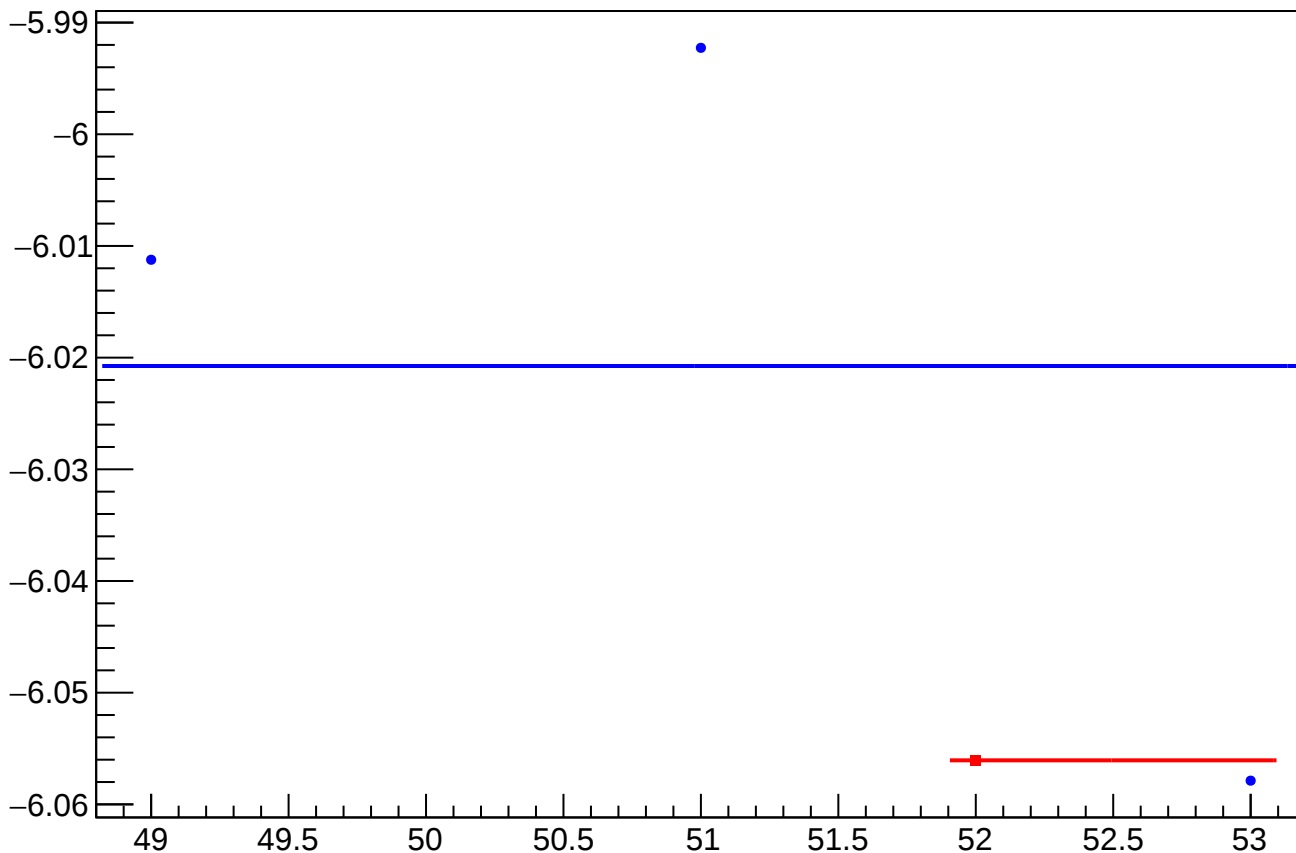
Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 18065.6/2

0.010+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



Right In: -6.021+/-0.000 χ^2/NDF : 13399024.9/2

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

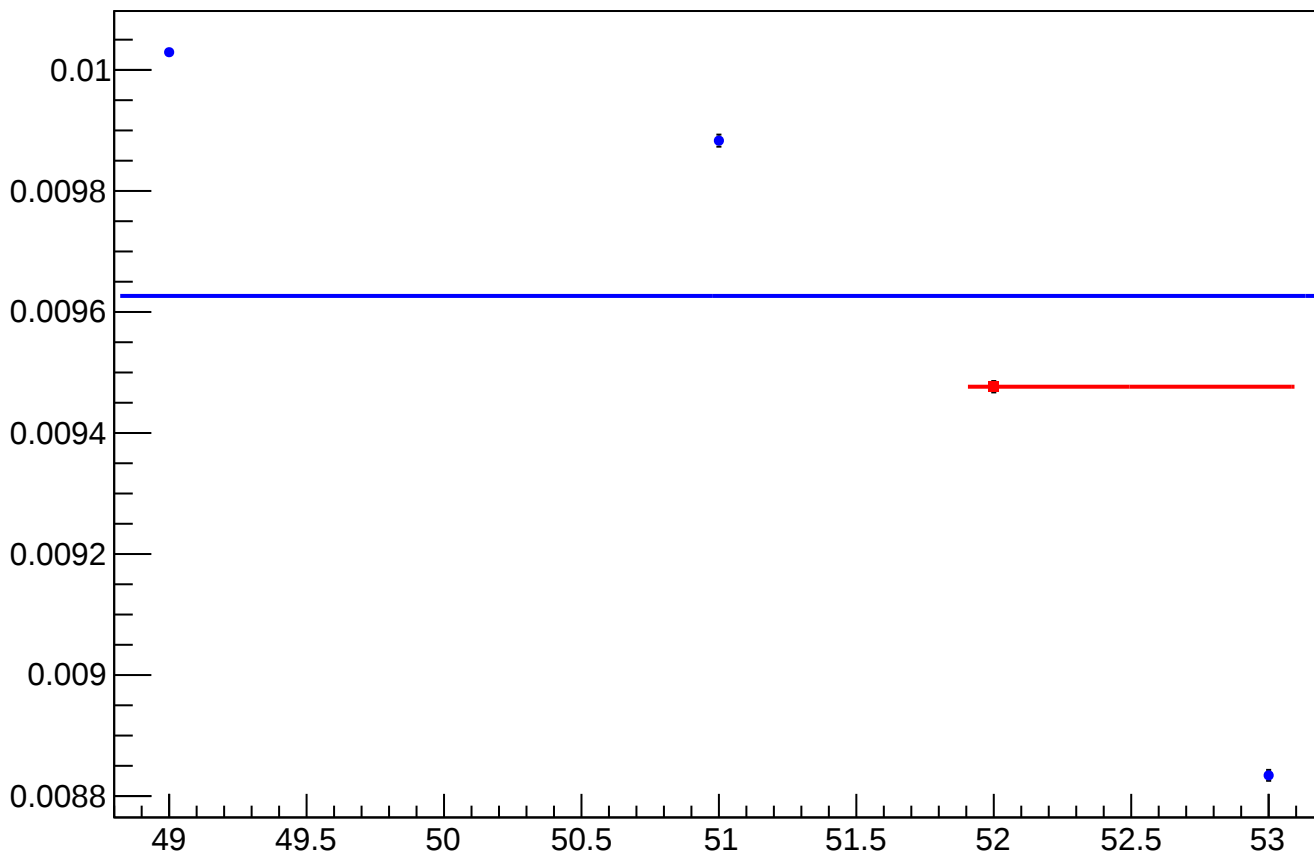
Right Out: -6.056+/-0.000 χ^2/NDF : 0.0/0

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

-6.021+/-0.000 χ^2/NDF : 13399024.9/2

-6.056+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 11282.8/2

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

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 11282.8/2

0.009+/-0.000 χ^2/NDF : 0.0/0