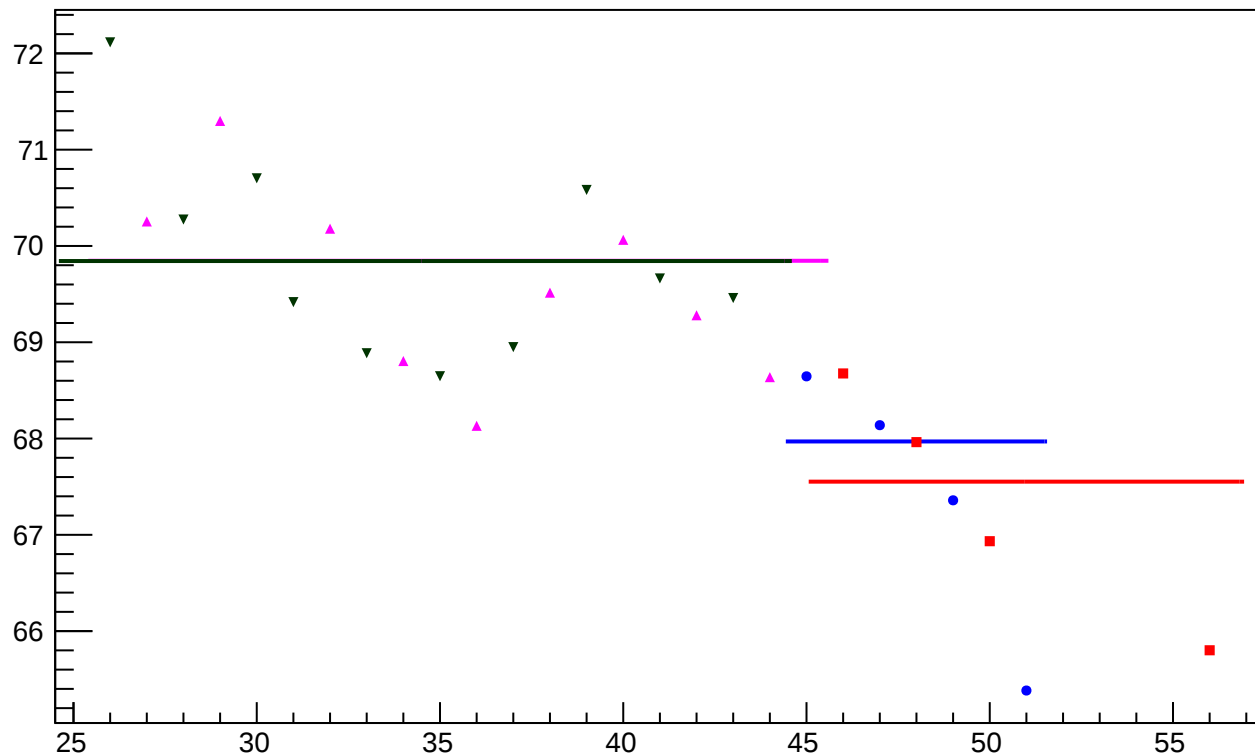


yield_usl_mean vs slug



Right In: 67.970+/-0.000

χ^2/NDF : 39160910.4/3

69.312+/-0.000

χ^2/NDF : 518117985.6/13

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 67.552+/-0.000

χ^2/NDF : 71042039.9/3

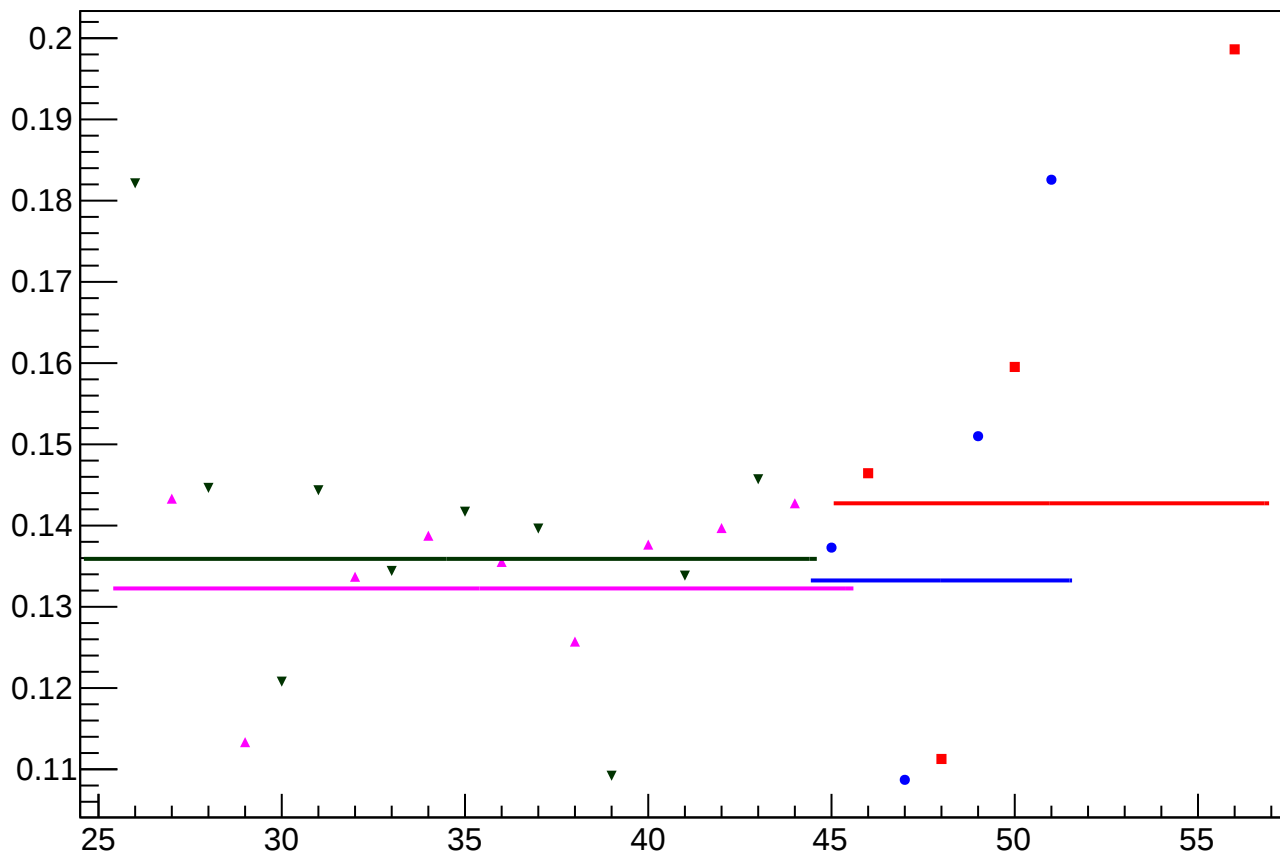
69.360+/-0.000

χ^2/NDF : 703515396.4/12

Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

yield_usl_rms vs slug



Right In: 0.133+/-0.000 χ^2/NDF : 74356.8/3

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

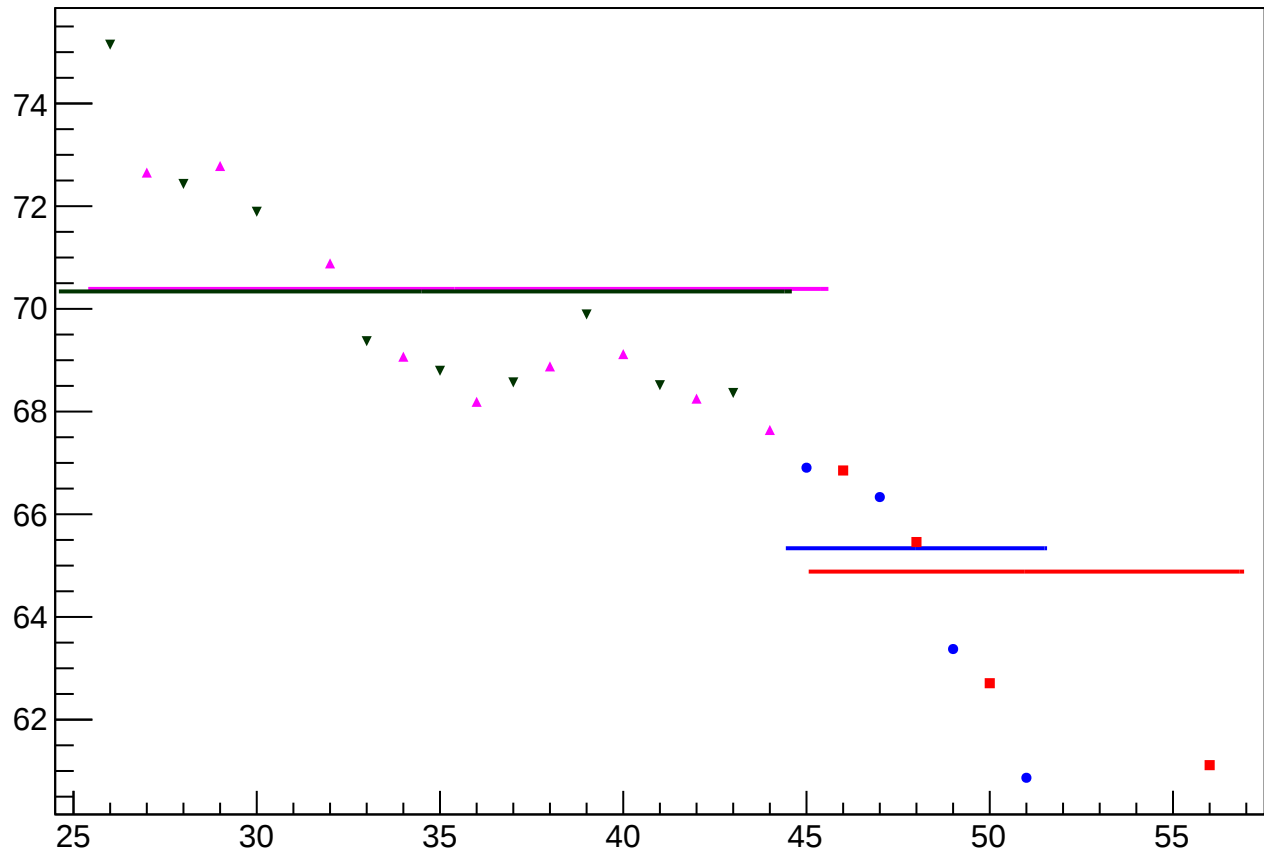
Right Out: 0.143+/-0.000 χ^2/NDF : 152001.2/3

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

0.135+/-0.000 χ^2/NDF : 217459.9/13

0.134+/-0.000 χ^2/NDF : 234462.3/12

yield_usr_mean vs slug



Right In: 65.338+/-0.000 χ^2/NDF : 808867289.0/3

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

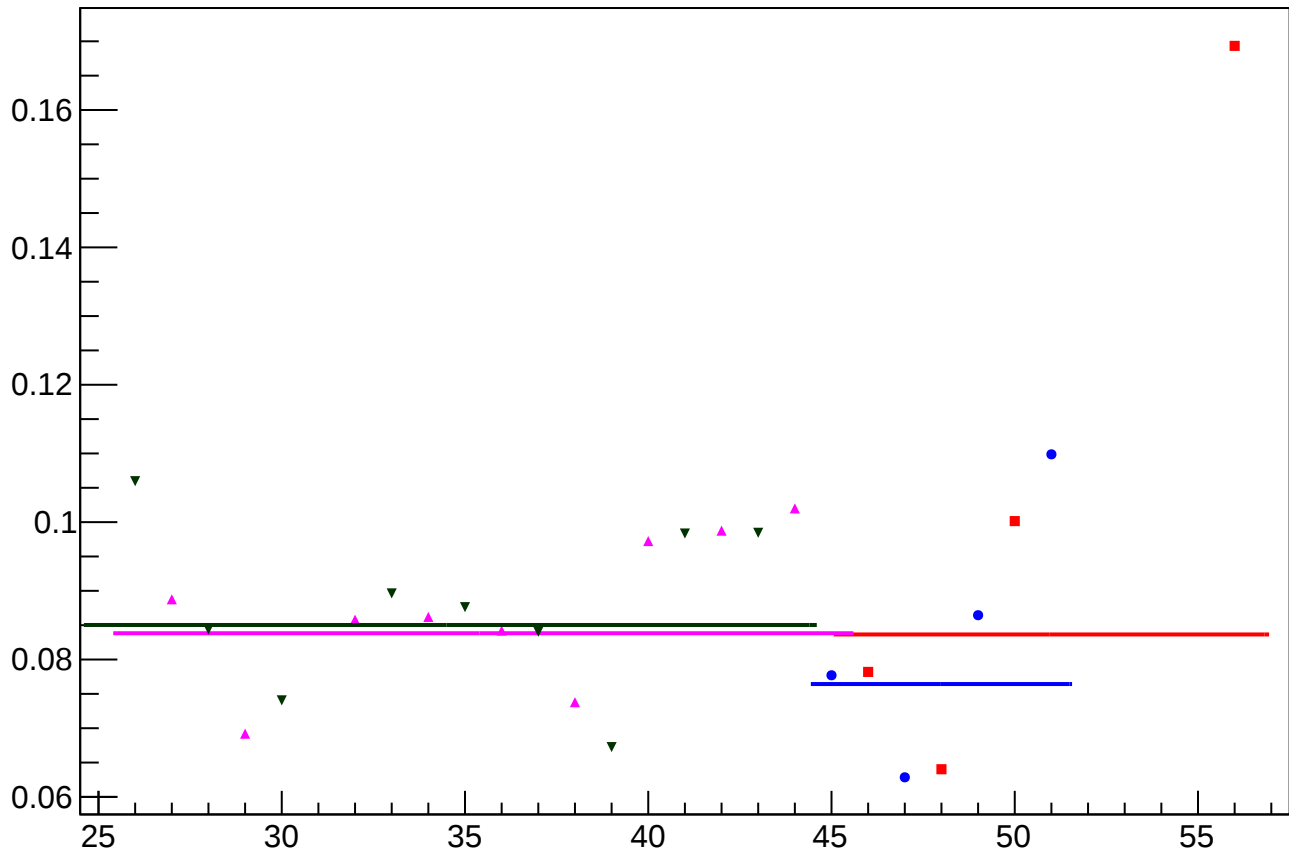
Right Out: 64.883+/-0.000 χ^2/NDF : 705705816.4/3

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

68.685+/-0.000 χ^2/NDF : 8138697253.6/12

69.128+/-0.000 χ^2/NDF : 8451169896.2/12

yield_usr_rms vs slug



Right In: 0.076+/-0.000 χ^2/NDF : 67531.7/3

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

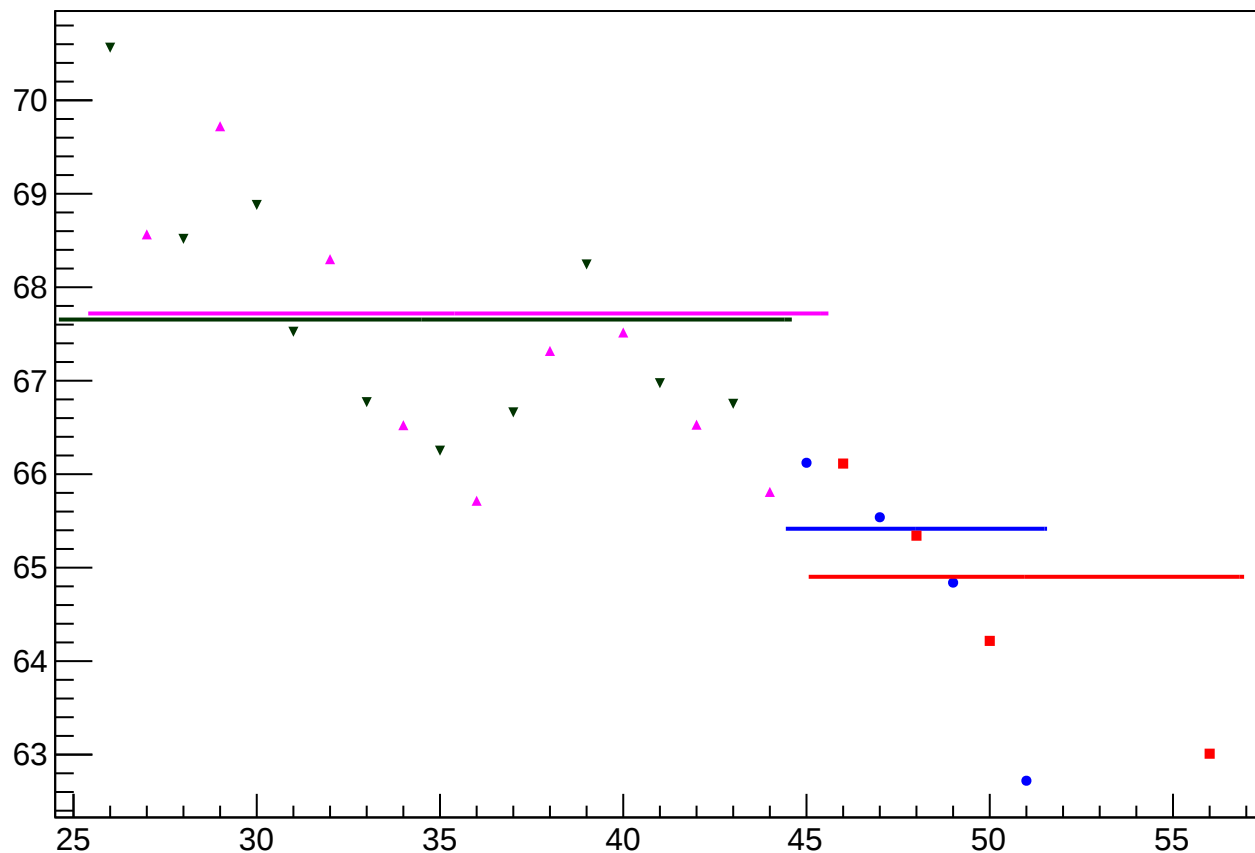
Right Out: 0.084+/-0.000 χ^2/NDF : 343728.5/3

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

0.082+/-0.000 χ^2/NDF : 251435.1/12

0.084+/-0.000 χ^2/NDF : 505916.8/12

yield_dsl_mean vs slug



Right In: 65.416+/-0.000 χ^2/NDF : 39015401.2/3

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

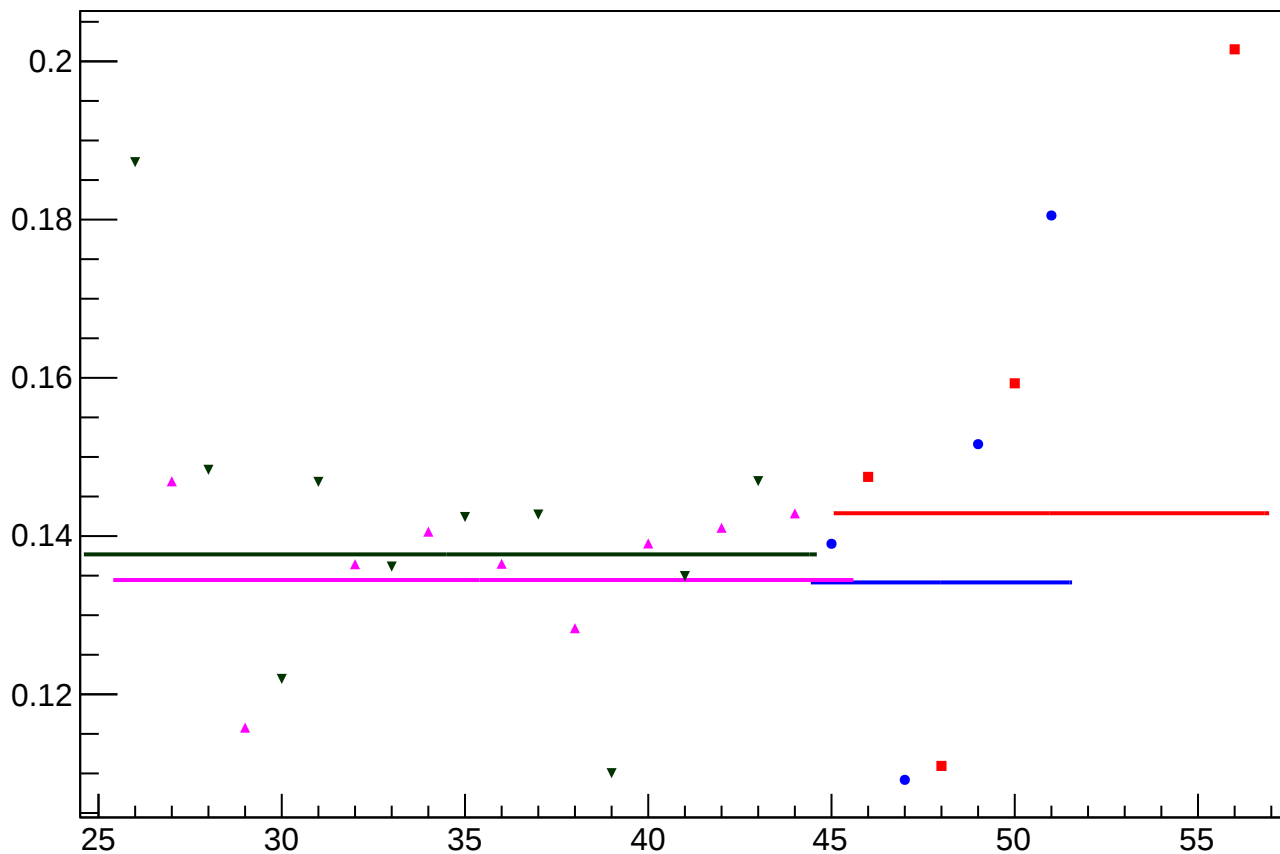
Right Out: 64.902+/-0.000 χ^2/NDF : 82136967.4/3

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

67.014+/-0.000 χ^2/NDF : 738403446.4/13

67.107+/-0.000 χ^2/NDF : 1137184427.1/12

yield_dsl_rms vs slug



Right In: 0.134+/-0.000 χ^2/NDF : 74110.4/3

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

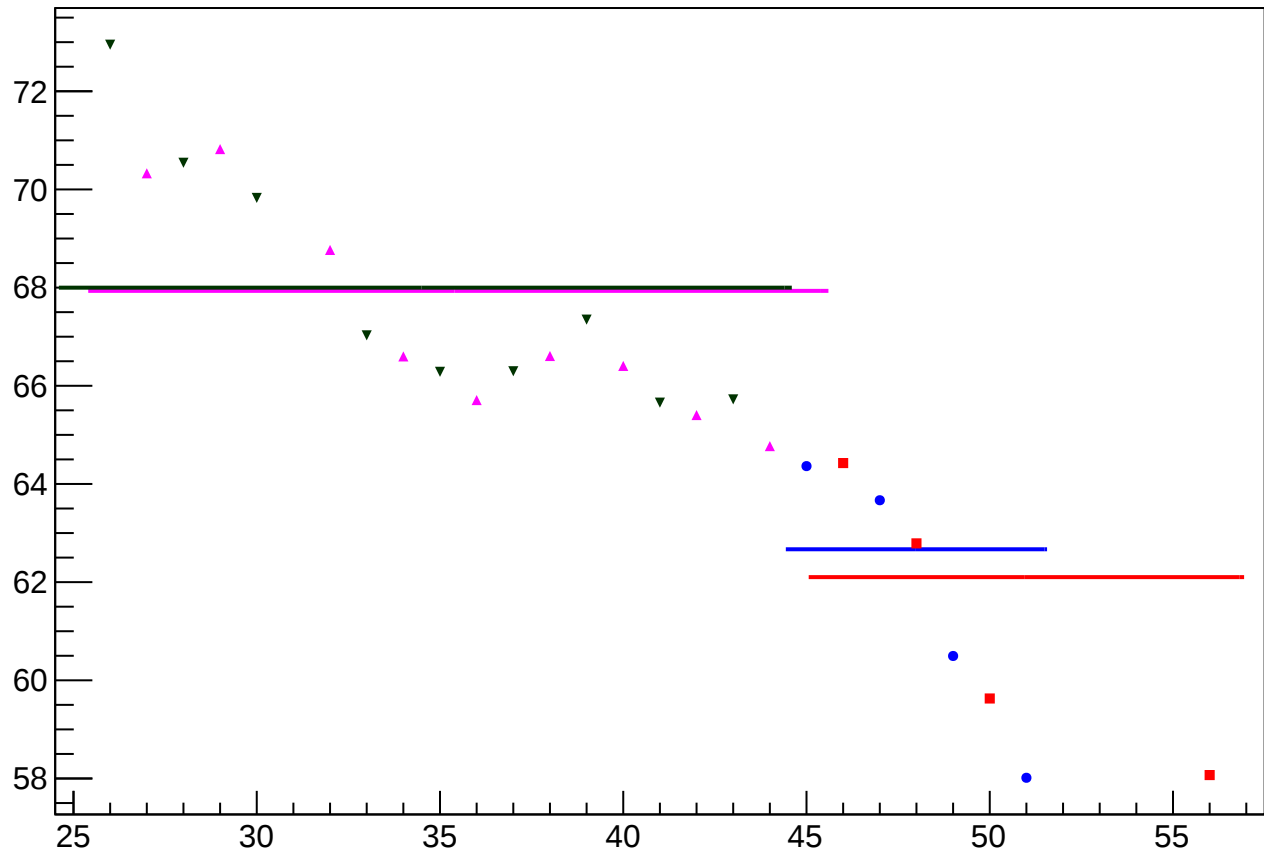
Right Out: 0.143+/-0.000 χ^2/NDF : 159794.4/3

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

0.137+/-0.000 χ^2/NDF : 229463.7/13

0.136+/-0.000 χ^2/NDF : 232468.5/12

yield_dsr_mean vs slug



Right In: 62.669 $\pm$ 0.000 χ^2 /NDF: 942988993.6/3

Left Out: 67.999 $\pm$ 0.000 χ^2 /NDF:3088835100.9/8

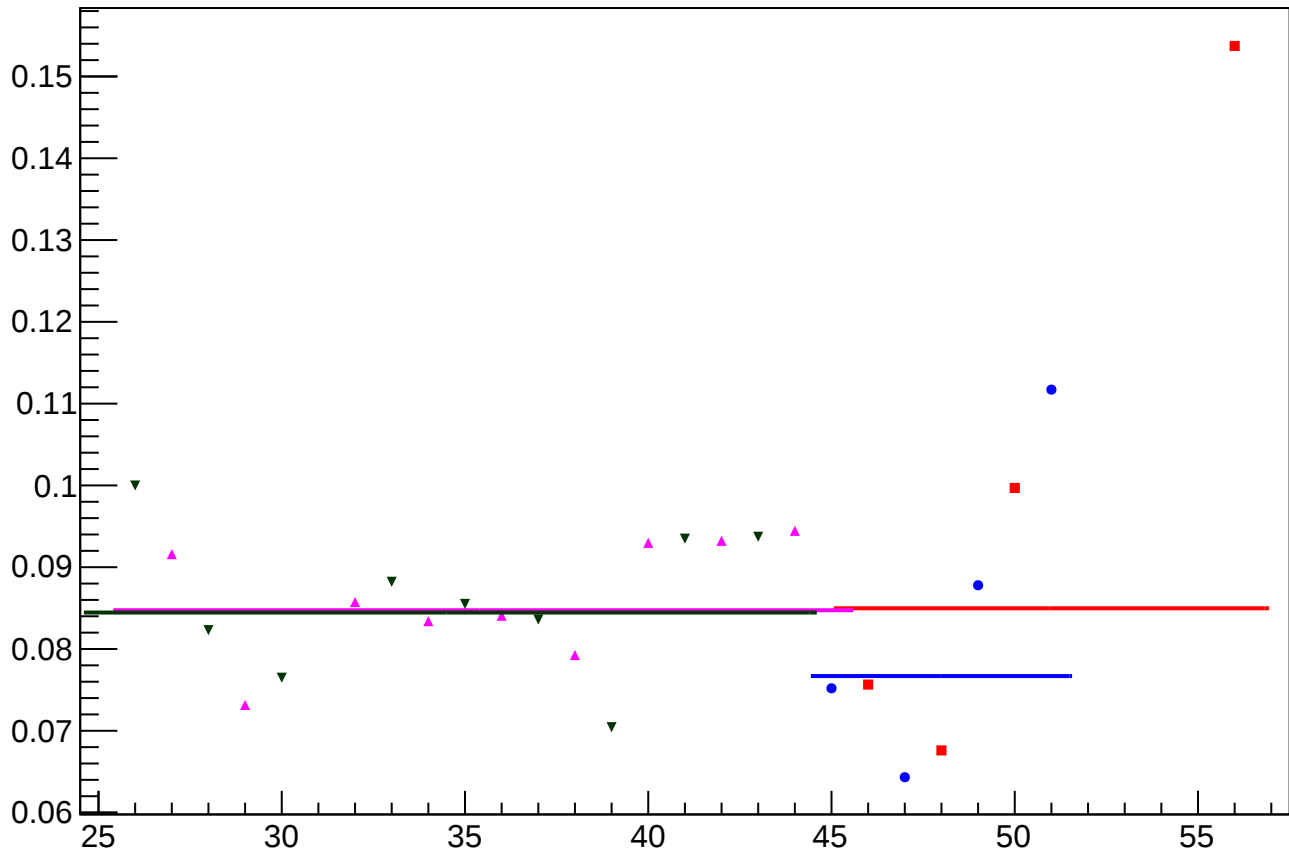
Right Out: 62.102 $\pm$ 0.000 χ^2 /NDF: 983249575.7/3

Left In: 67.934 $\pm$ 0.000 χ^2 /NDF:3365476193.8/8

66.258 $\pm$ 0.000 χ^2 /NDF: 9707227652.4/12

66.585 $\pm$ 0.000 χ^2 /NDF: 9978881533.0/12

yield_dsr_rms vs slug



Right In: 0.077 ± 0.000 χ^2/NDF : 65358.3/3

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

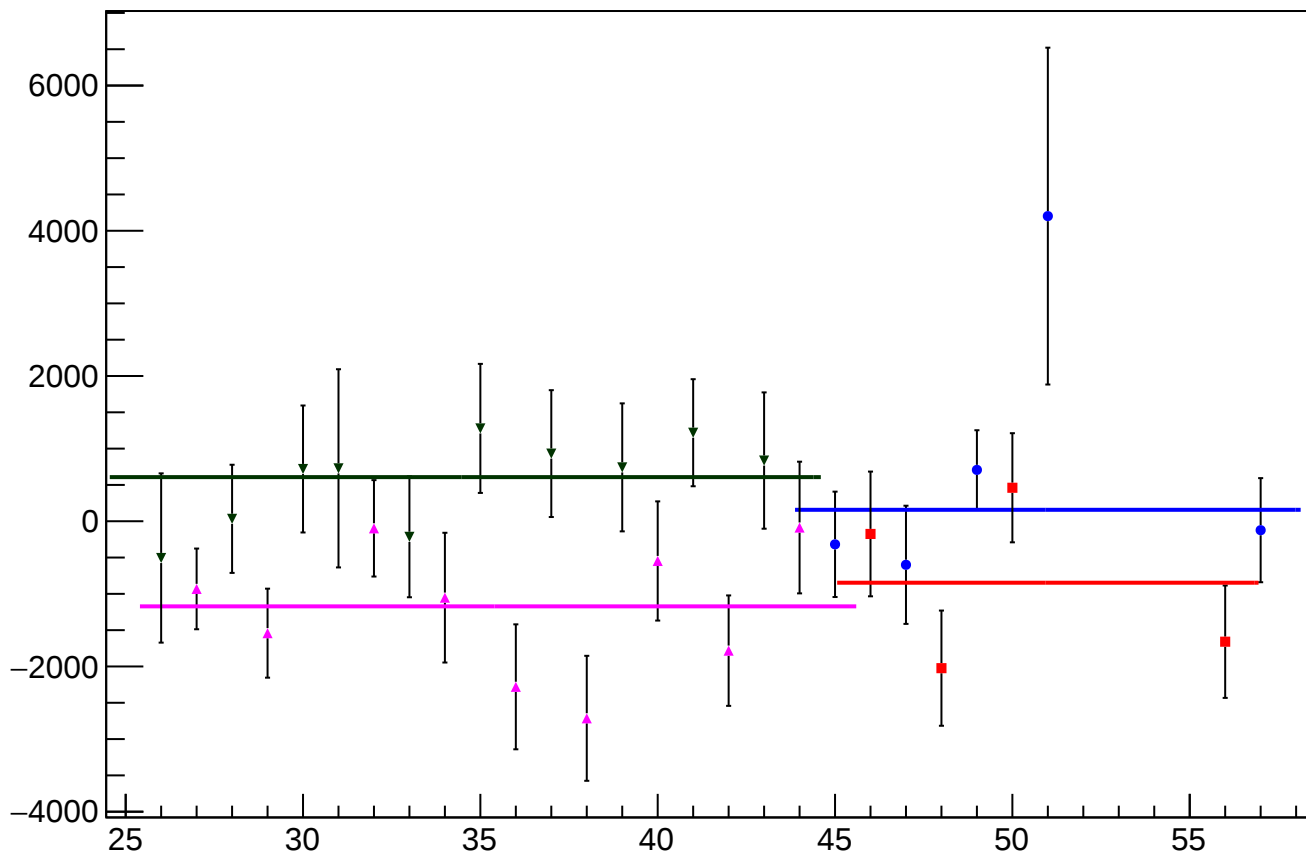
Right Out: 0.085 ± 0.000 χ^2/NDF : 271824.6/3

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

0.082 ± 0.000 χ^2/NDF : 176233.3/12

0.085 ± 0.000 χ^2/NDF : 348564.8/12

asym_usl_mean vs slug



Right In: 157.419+/-335.343 χ^2/NDF : 5.5/4

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

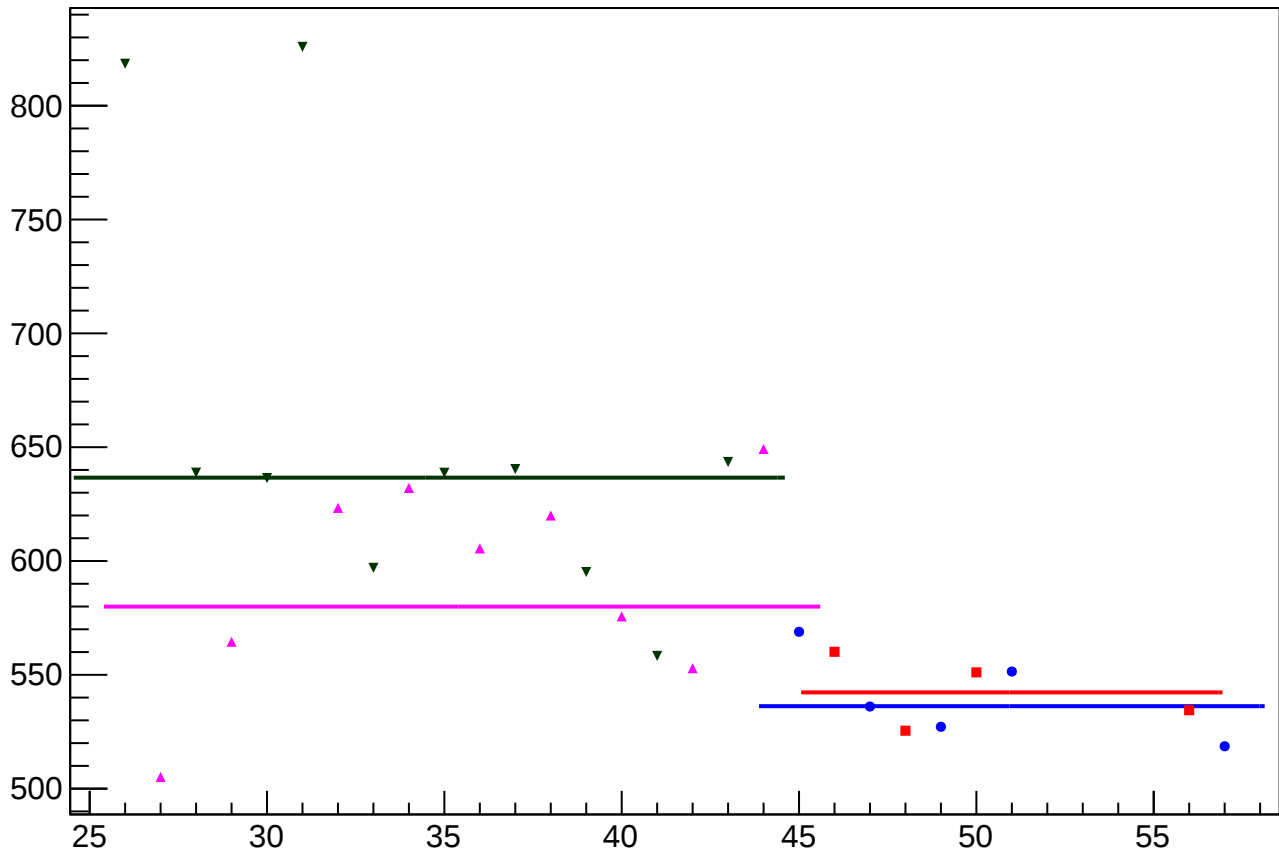
Right Out: -846.689+/-395.732 χ^2/NDF : 6.9/3

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

421.889+/-215.362 χ^2/NDF : 10.5/14

-1081.669+/-208.793 χ^2/NDF : 18.1/12

asym_usl_rms vs slug



Right In: 536.231+/-0.237 χ^2/NDF : 5898.4/4

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

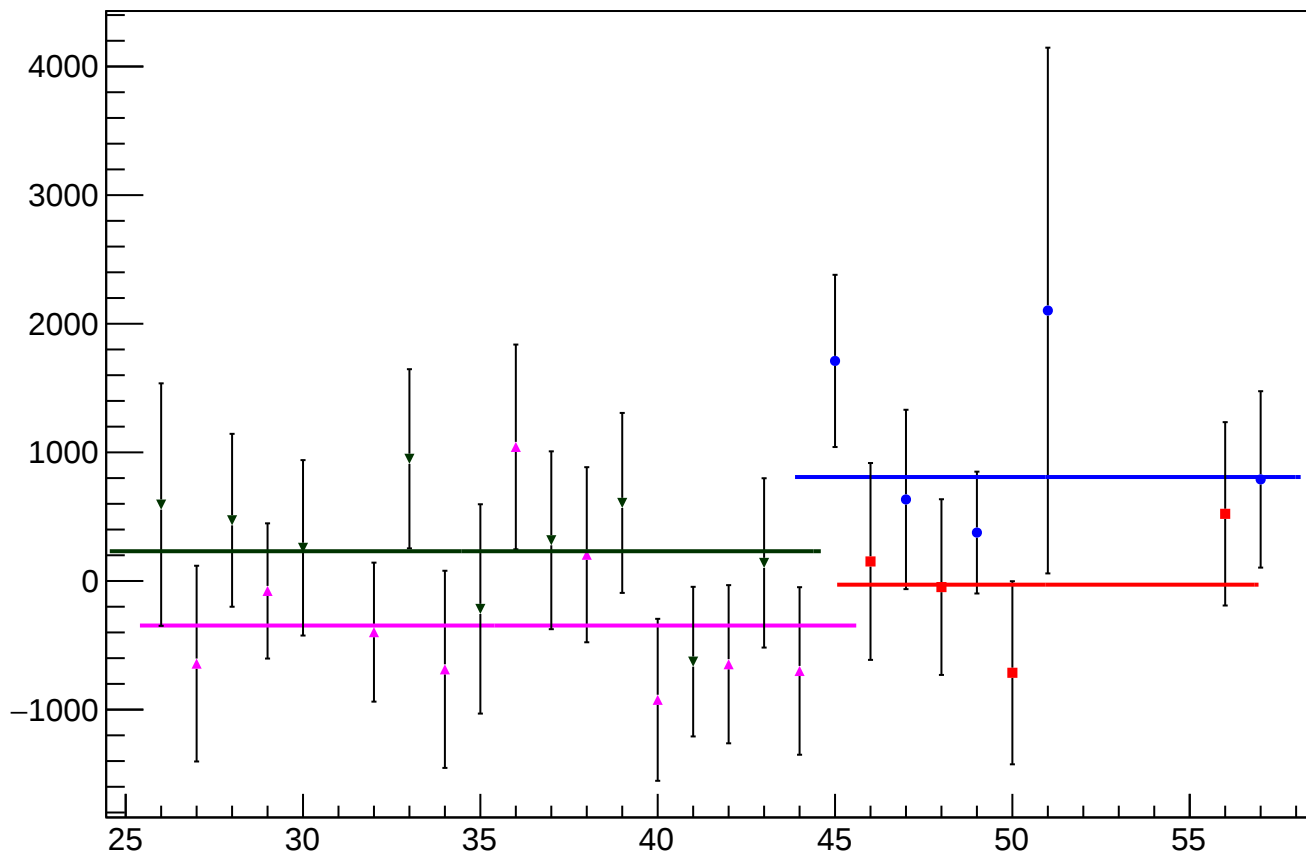
595.215+/-0.152 χ^2/NDF : 230029.5/14

Right Out: 542.279+/-0.280 χ^2/NDF : 2242.4/3

569.478+/-0.148 χ^2/NDF : 88541.7/12

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

asym_usr_mean vs slug



Right In: 808.324+/-299.966 χ^2/NDF : 3.1/4

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

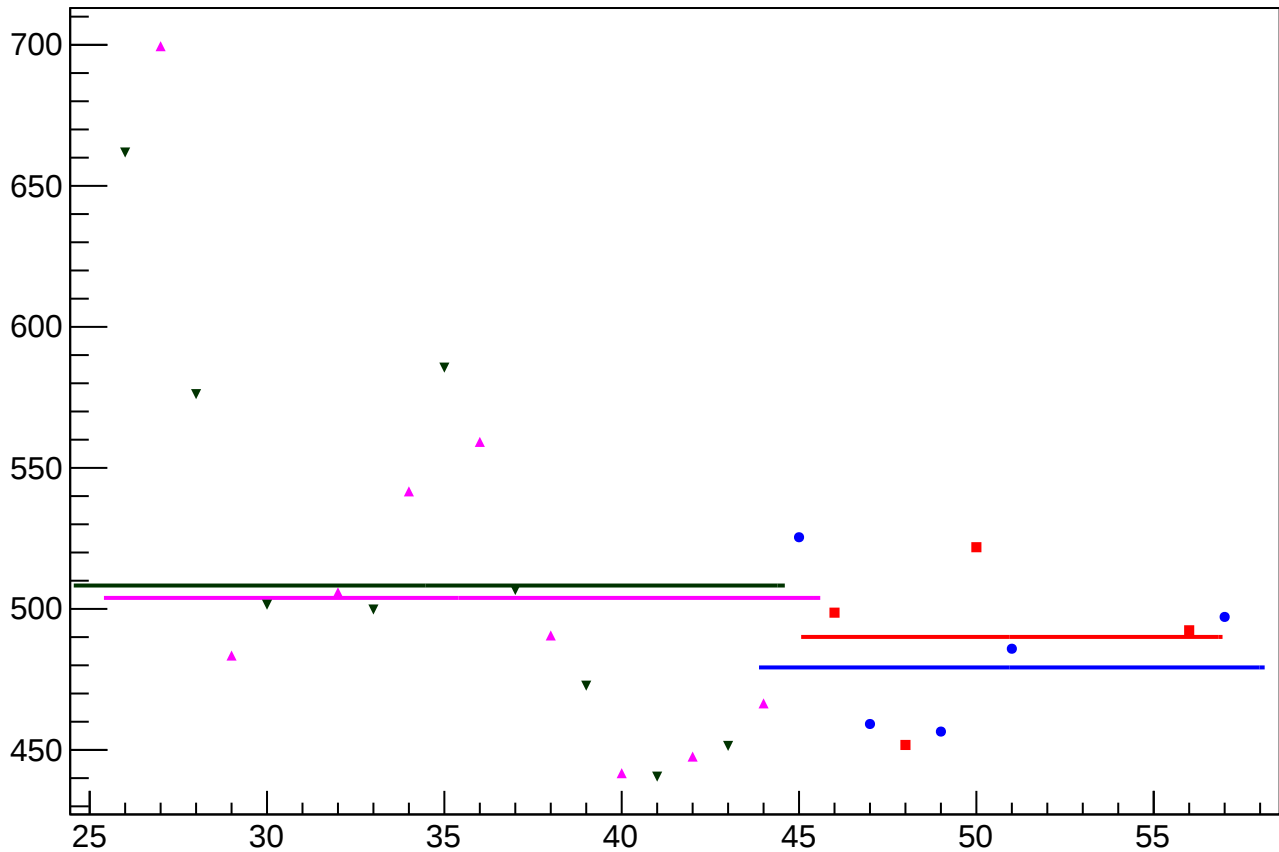
Right Out: -28.660+/-358.210 χ^2/NDF : 1.6/3

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

448.219+/-183.889 χ^2/NDF : 9.6/13

-262.428+/-184.027 χ^2/NDF : 7.9/12

asym_usr_rms vs slug



Right In: 479.250 $\pm$ 0.212 χ^2 /NDF: 17162.6/4

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

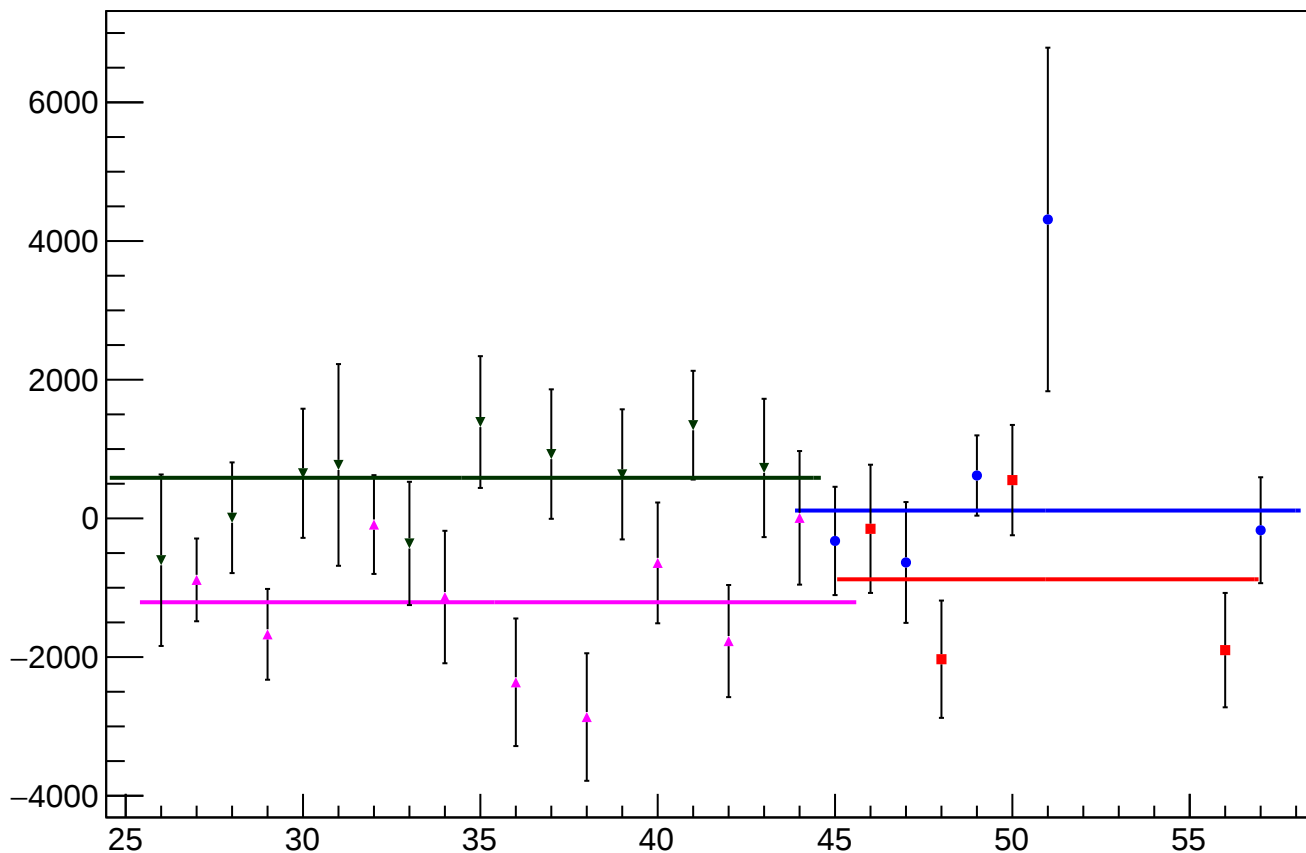
Right Out: 490.067 $\pm$ 0.253 χ^2 /NDF: 10561.0/3

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

497.378 $\pm$ 0.130 χ^2 /NDF: 168060.1/13

500.251 $\pm$ 0.130 χ^2 /NDF: 206108.3/12

asym_dsl_mean vs slug



Right In: 113.335 $\pm$ 357.620 χ^2/NDF : 4.8/4

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

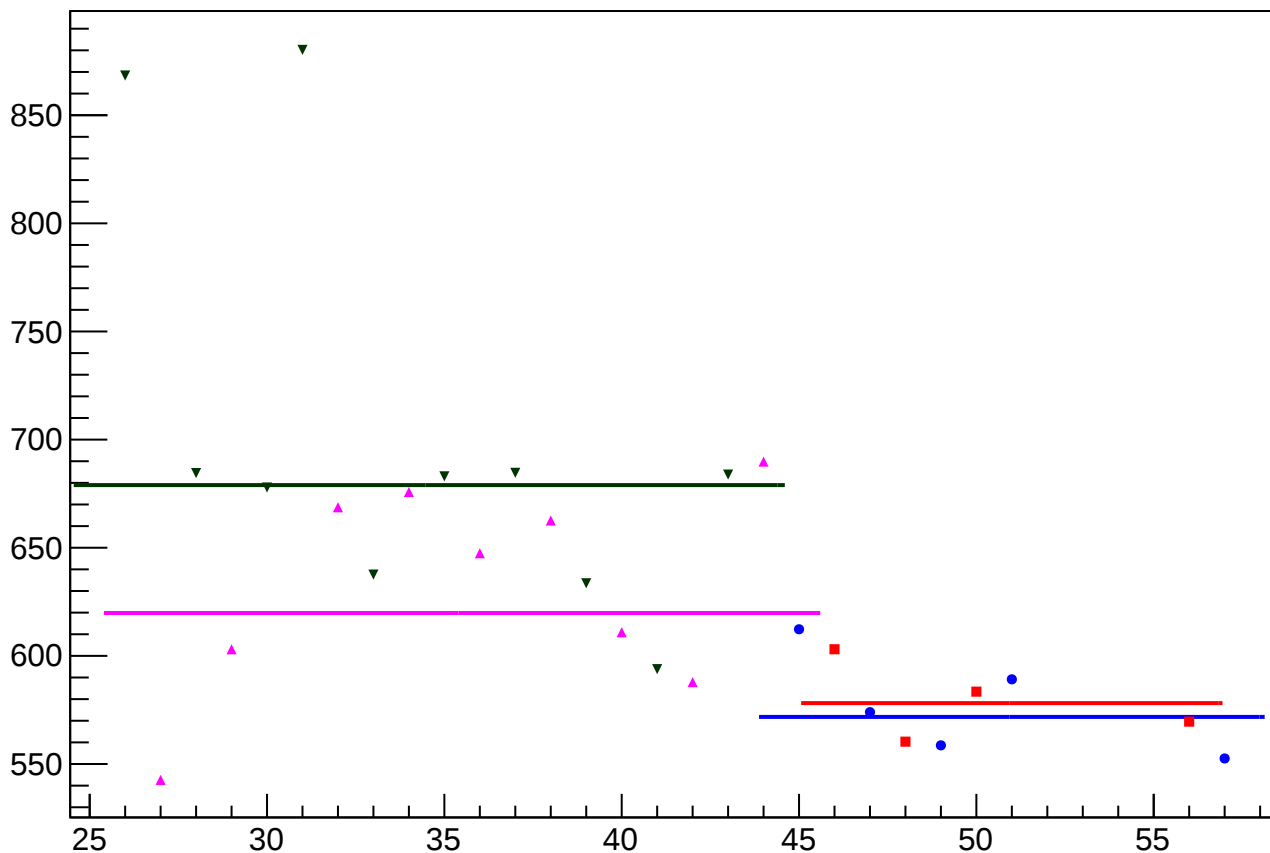
Right Out: -878.398 $\pm$ 421.927 χ^2/NDF : 7.2/3

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

390.684 $\pm$ 229.678 χ^2/NDF : 10.3/14

-1116.849 $\pm$ 222.971 χ^2/NDF : 18.3/12

asym_dsl_rms vs slug



Right In: 571.779+/-0.253 χ^2/NDF : 7796.9/4

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

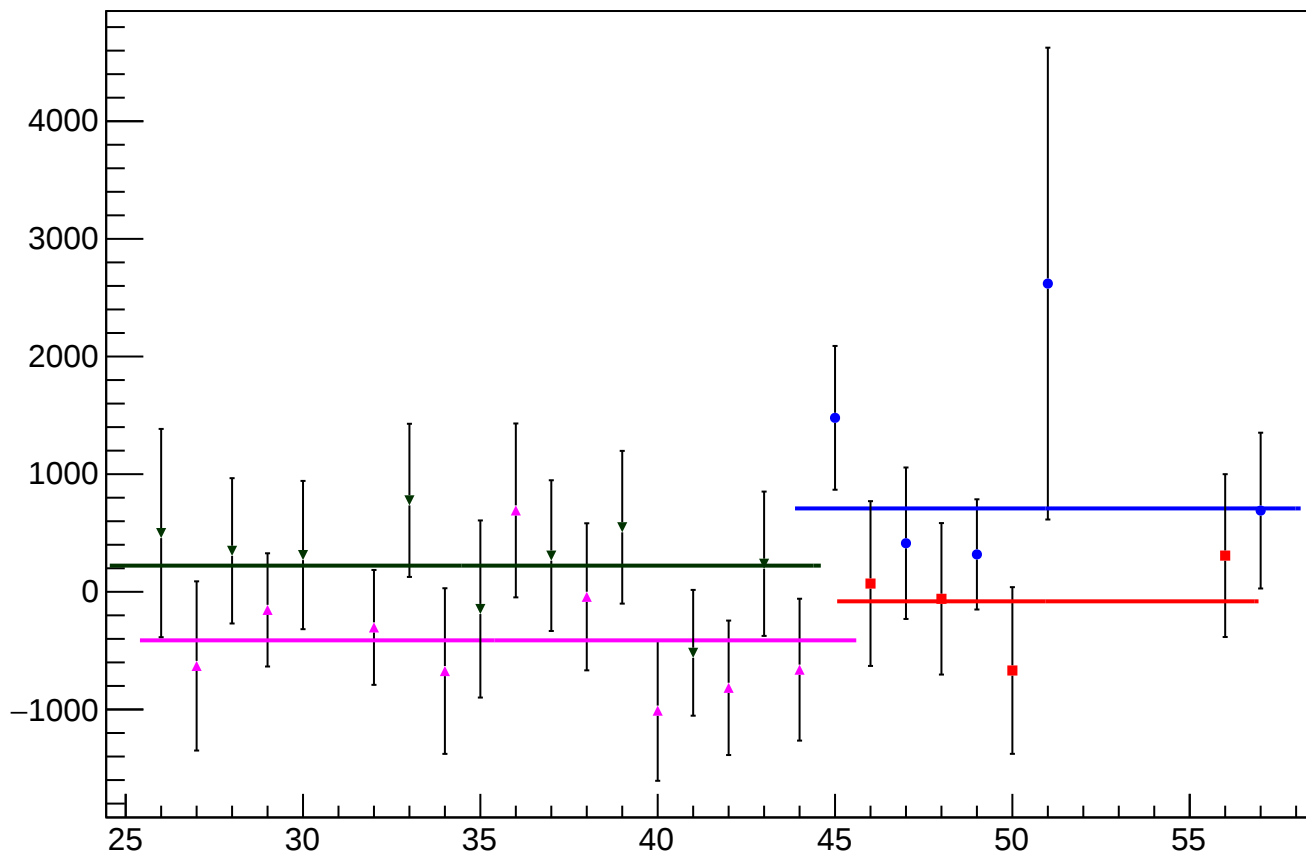
Right Out: 578.160+/-0.298 χ^2/NDF : 2642.5/3

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

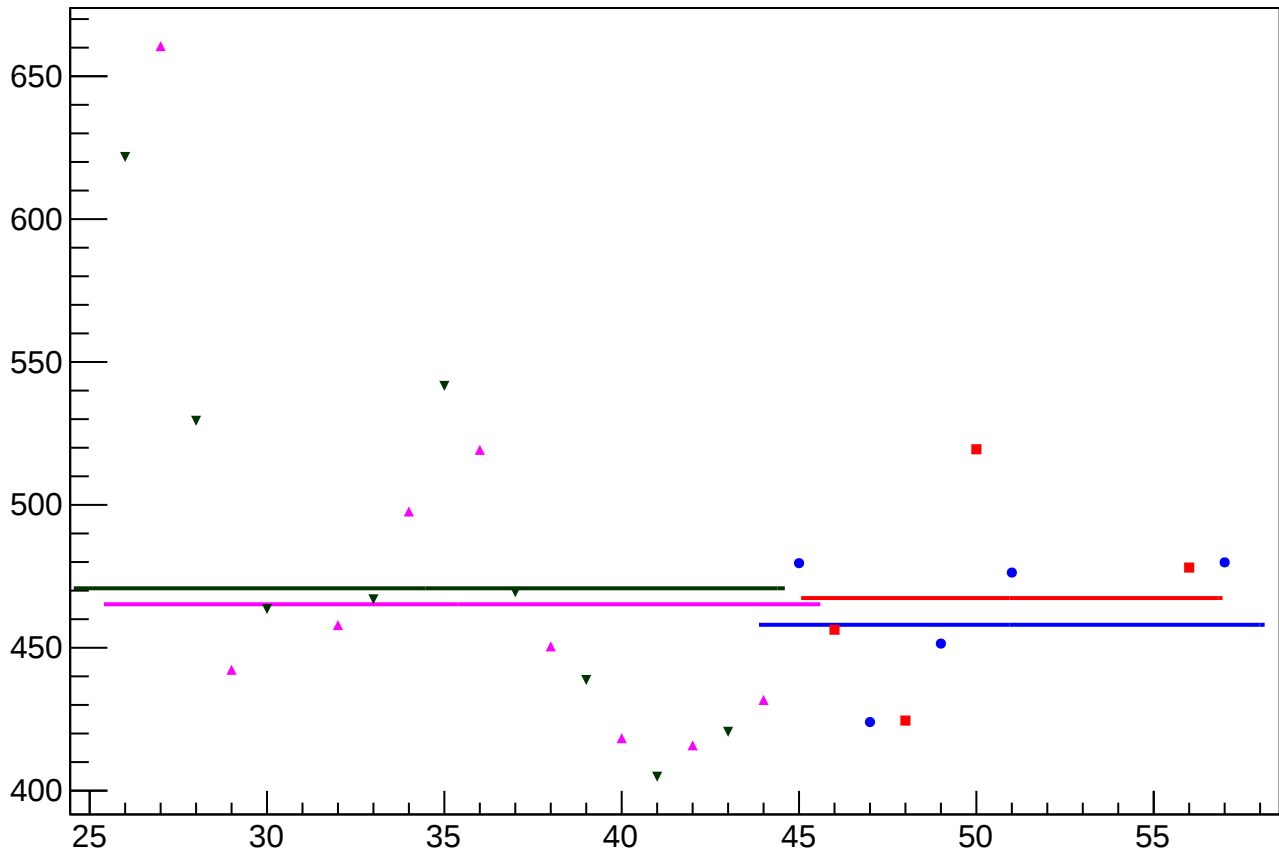
634.752+/-0.162 χ^2/NDF : 231375.8/14

608.186+/-0.158 χ^2/NDF : 87756.6/12

asym_dsr_mean vs slug



asym_dsr_rms vs slug



Right In: 458.047 ± 0.203 χ^2/NDF : 10816.7/4

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

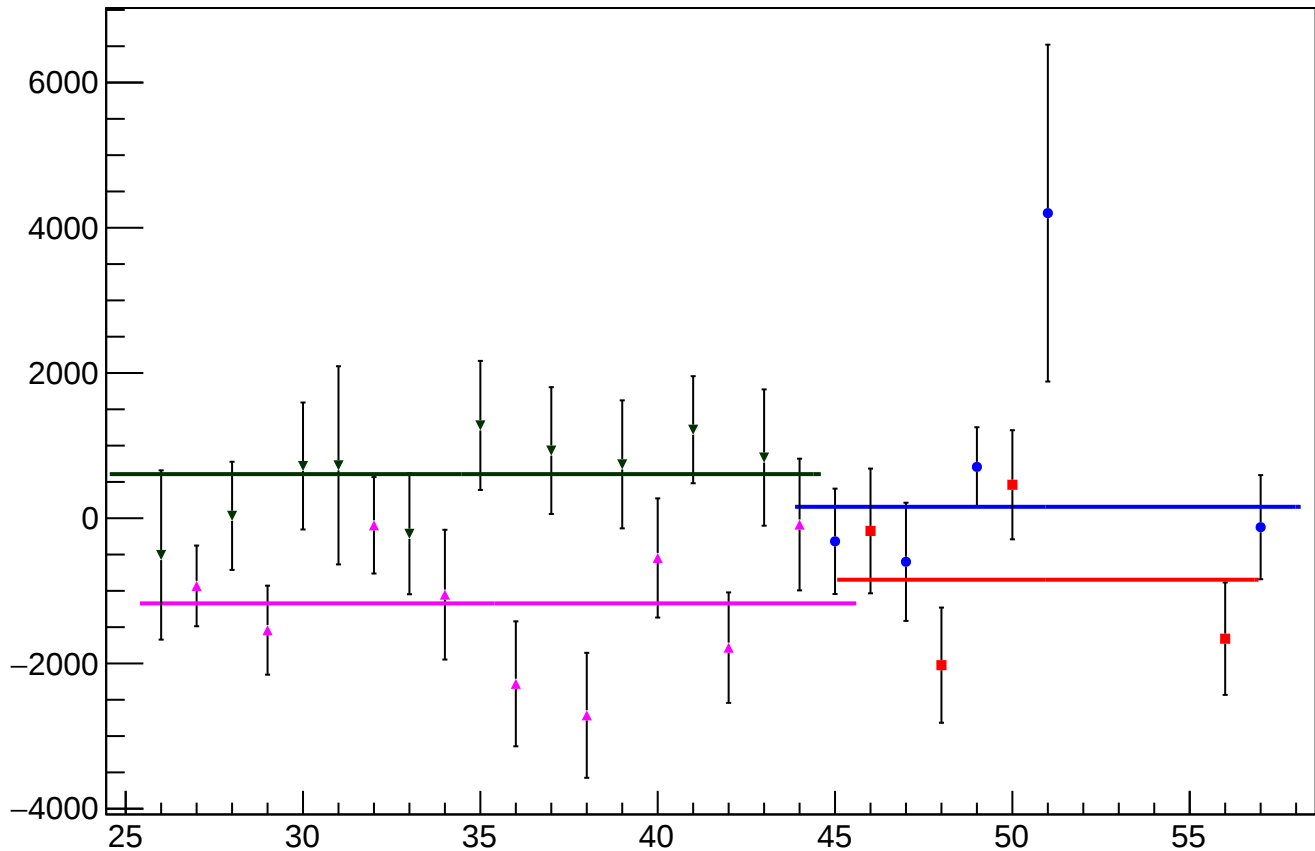
Right Out: 467.401 ± 0.242 χ^2/NDF : 20644.4/3

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

466.201 ± 0.122 χ^2/NDF : 156289.0/13

465.769 ± 0.121 χ^2/NDF : 222729.3/12

cor_usl_mean vs slug



Right In: 157.419+/-335.343 χ^2/NDF : 5.5/4

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

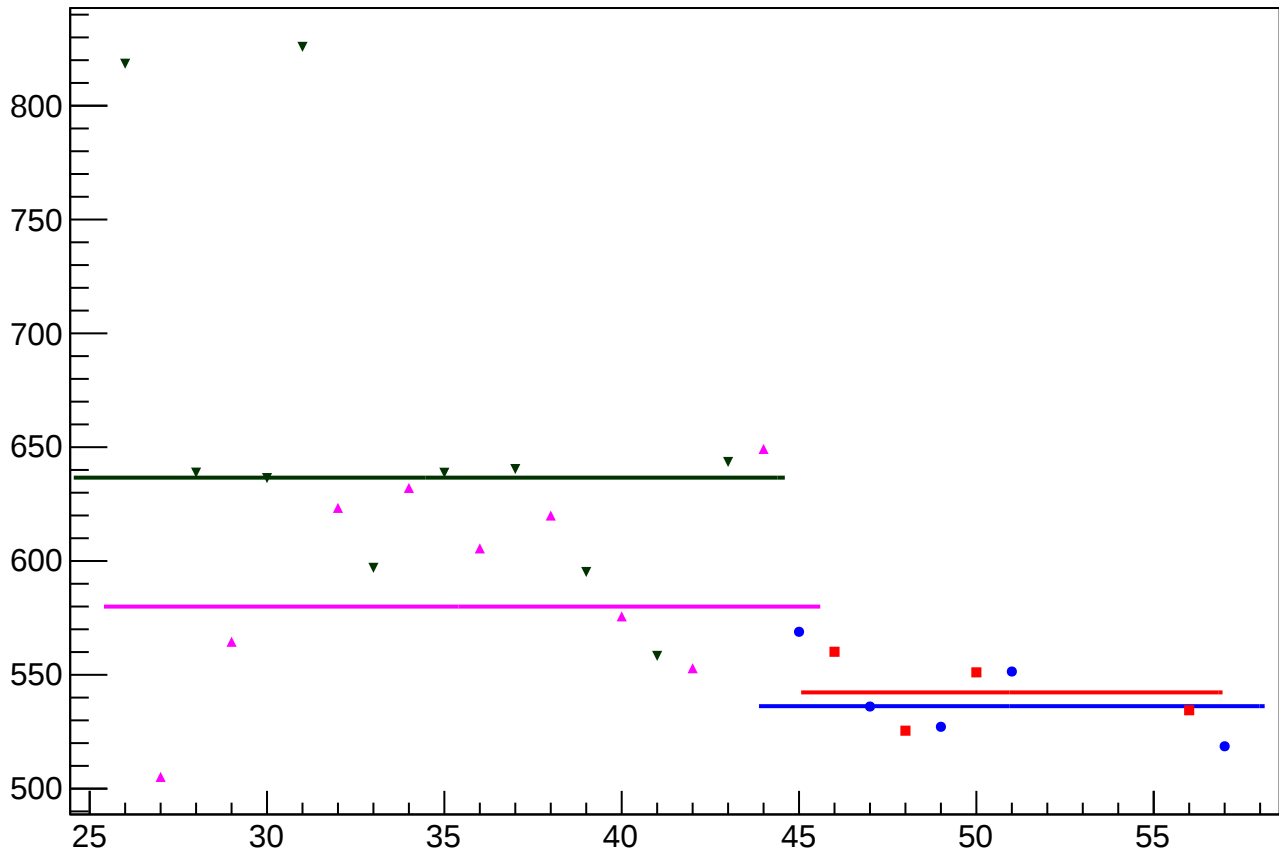
Right Out: -846.689+/-395.732 χ^2/NDF : 6.9/3

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

421.889+/-215.362 χ^2/NDF : 10.5/14

-1081.669+/-208.793 χ^2/NDF : 18.1/12

cor_usl_rms vs slug



Right In: 536.231 ± 0.237 χ^2/NDF : 5898.4/4

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

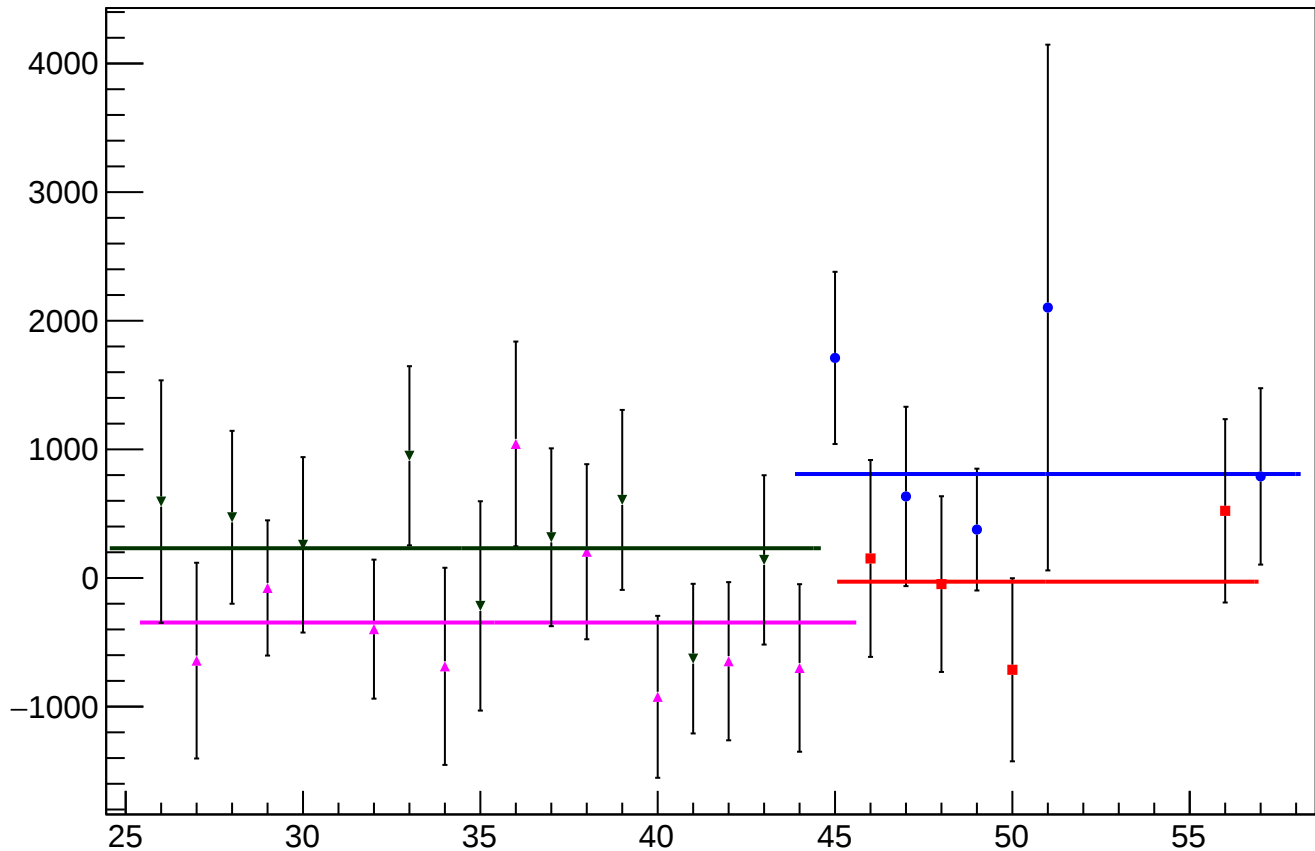
Right Out: 542.279 ± 0.280 χ^2/NDF : 2242.4/3

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

595.215 ± 0.152 χ^2/NDF : 230029.5/14

569.478 ± 0.148 χ^2/NDF : 88541.7/12

cor_usr_mean vs slug



Right In: 808.324 ± 299.966 χ^2/NDF : 3.1/4

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

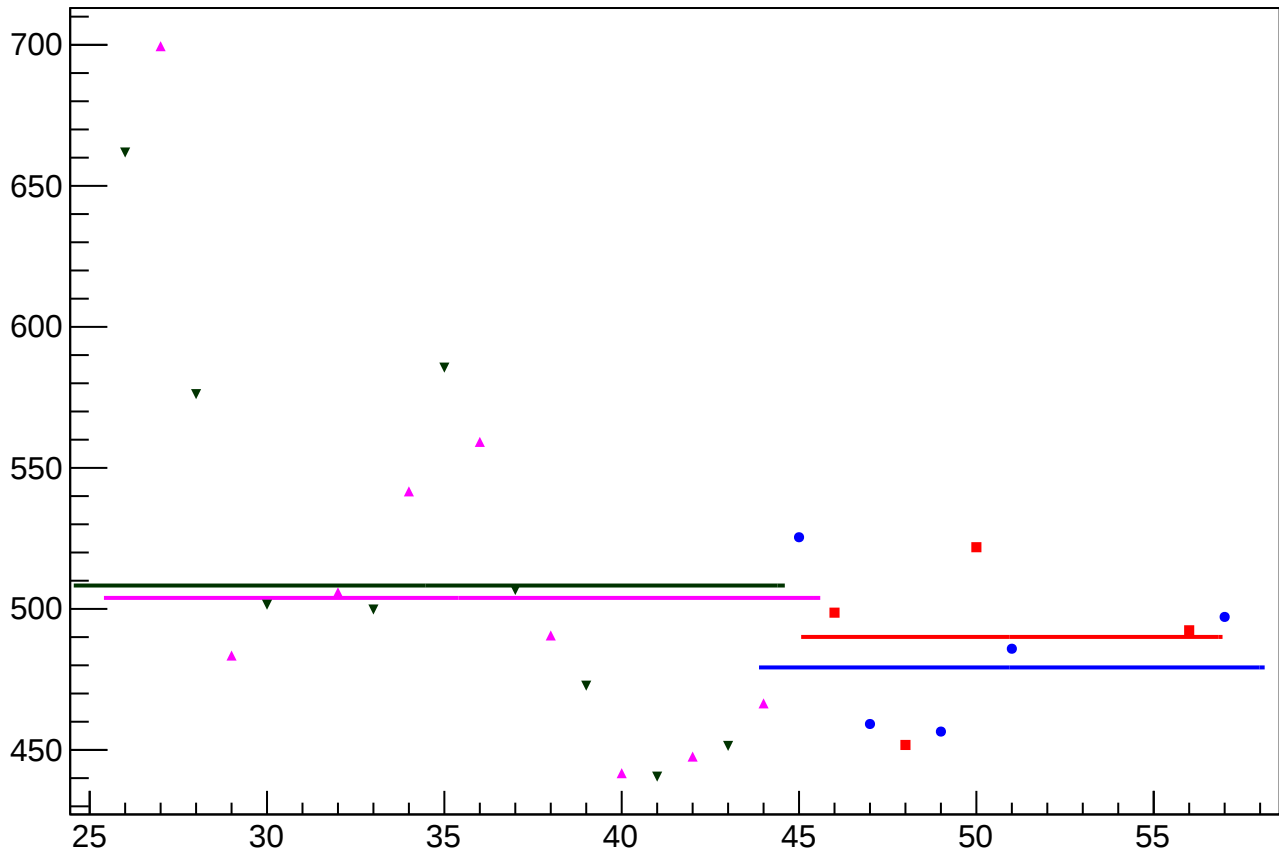
Right Out: -28.660 ± 358.210 χ^2/NDF : 1.6/3

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

448.219 ± 183.889 χ^2/NDF : 9.6/13

-262.428 ± 184.027 χ^2/NDF : 7.9/12

cor_usr_rms vs slug



Right In: 479.250 $\pm$ 0.212 χ^2 /NDF: 17162.6/4

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

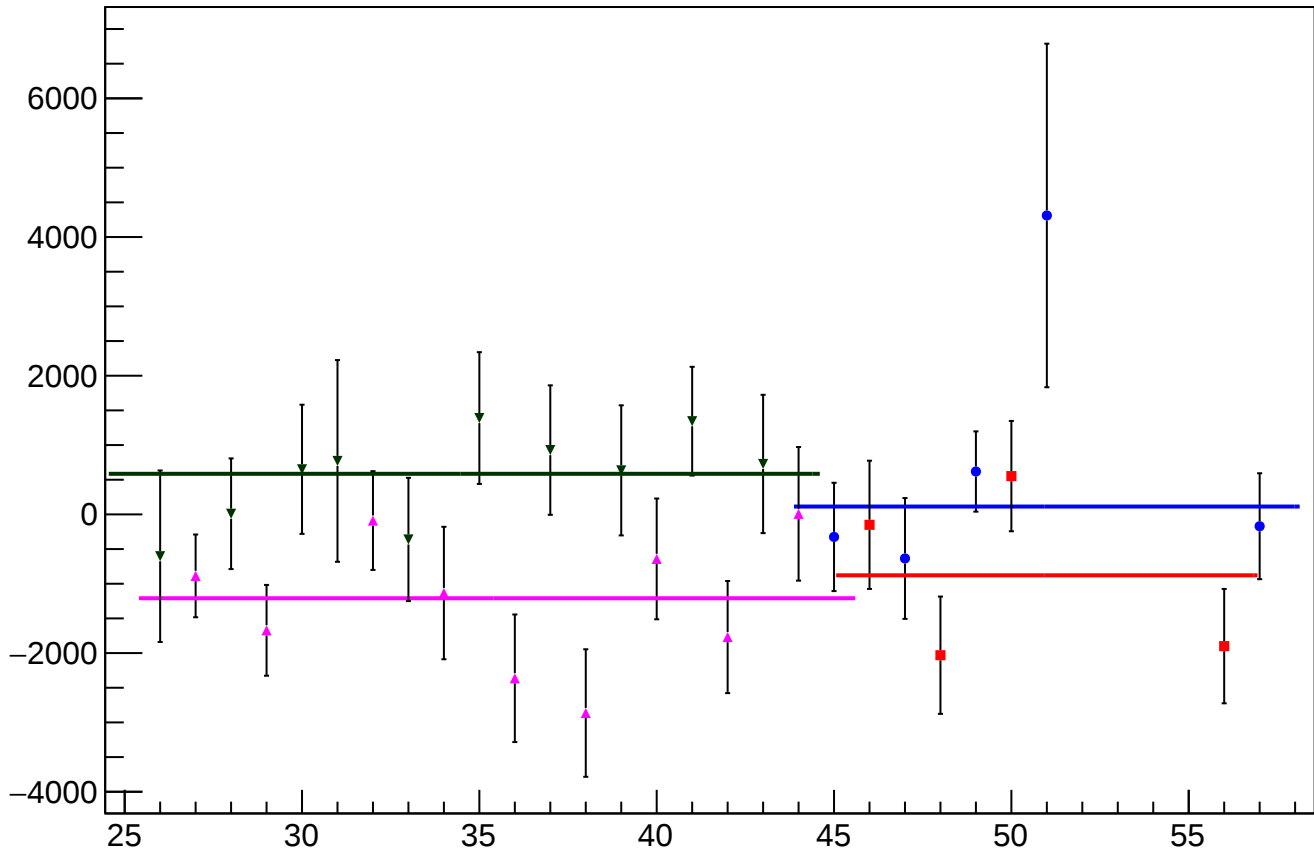
497.378 $\pm$ 0.130 χ^2 /NDF: 168060.1/13

Right Out: 490.067 $\pm$ 0.253 χ^2 /NDF: 10561.0/3

500.251 $\pm$ 0.130 χ^2 /NDF: 206108.3/12

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

cor_dsl_mean vs slug



Right In: 113.335+/-357.620 χ^2/NDF : 4.8/4

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

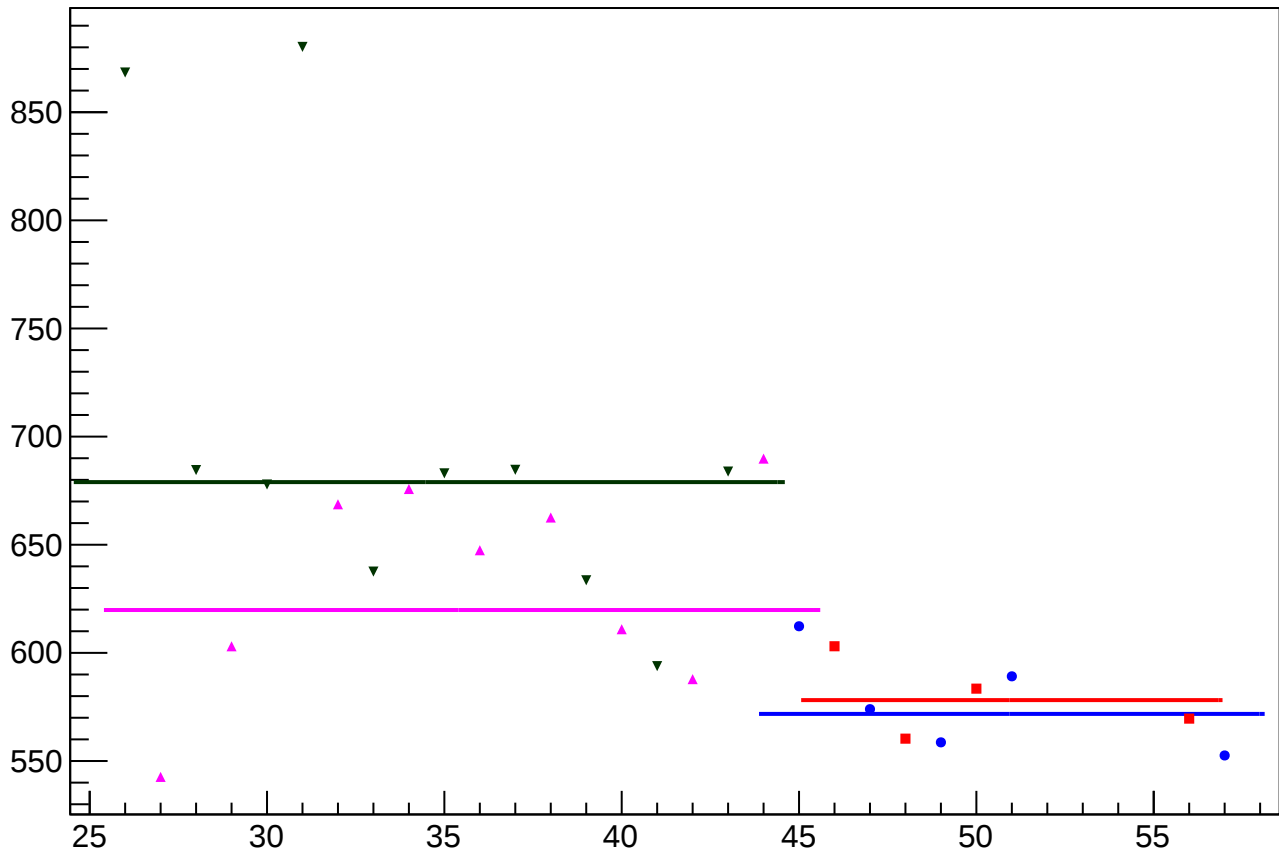
Right Out: -878.398+/-421.927 χ^2/NDF : 7.2/3

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

390.684+/-229.678 χ^2/NDF : 10.3/14

-1116.849+/-222.971 χ^2/NDF : 18.3/12

cor_dsl_rms vs slug



Right In: 571.779+/-0.253 χ^2/NDF : 7796.9/4

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

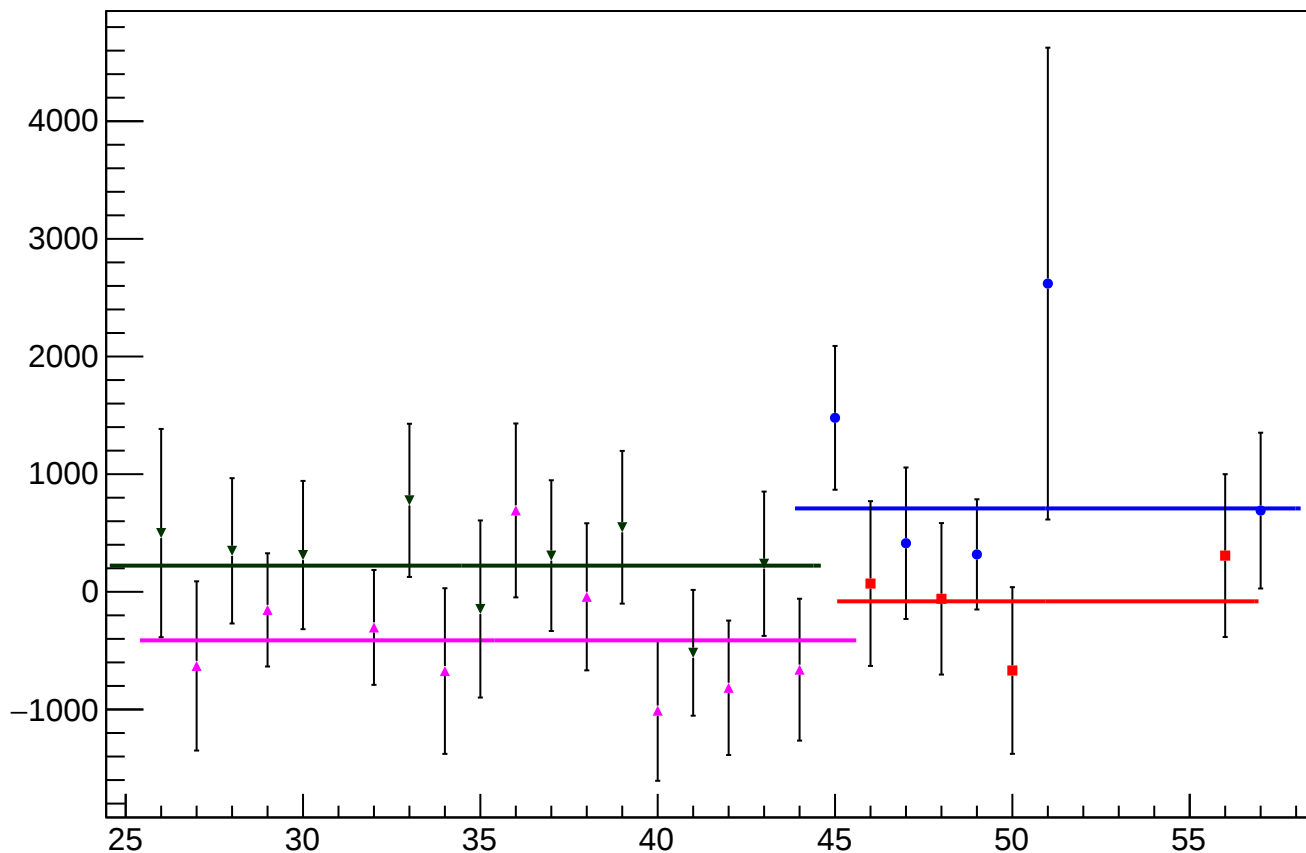
Right Out: 578.160+/-0.298 χ^2/NDF : 2642.5/3

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

634.752+/-0.162 χ^2/NDF : 231375.8/14

608.186+/-0.158 χ^2/NDF : 87756.6/12

cor_dsr_mean vs slug



Right In: 708.856 ± 286.544 χ^2/NDF : 3.4/4

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

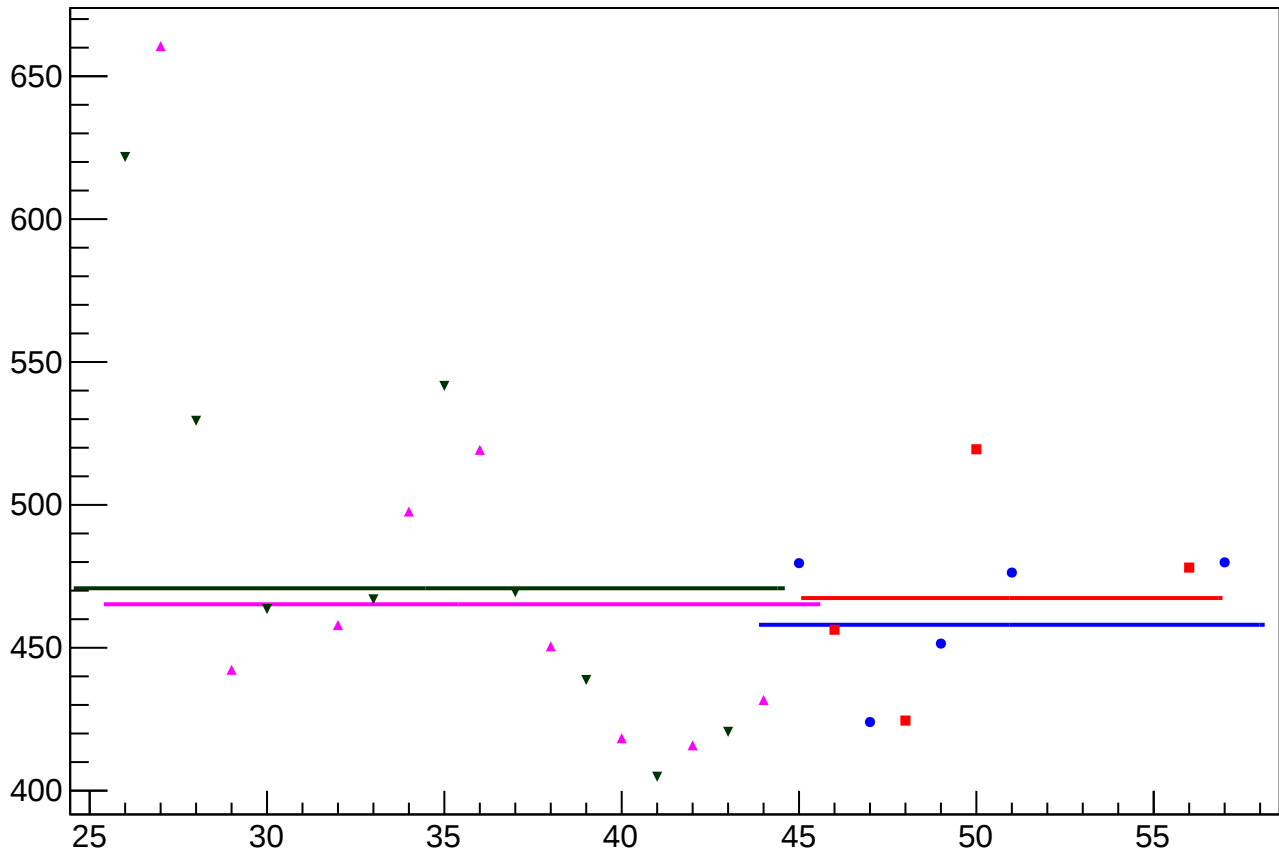
Right Out: -80.852 ± 342.347 χ^2/NDF : 1.1/3

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

398.411 ± 172.287 χ^2/NDF : 8.6/13

-329.307 ± 171.462 χ^2/NDF : 6.6/12

cor_dsr_rms vs slug



Right In: 458.047+/-0.203 χ^2/NDF : 10816.7/4

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

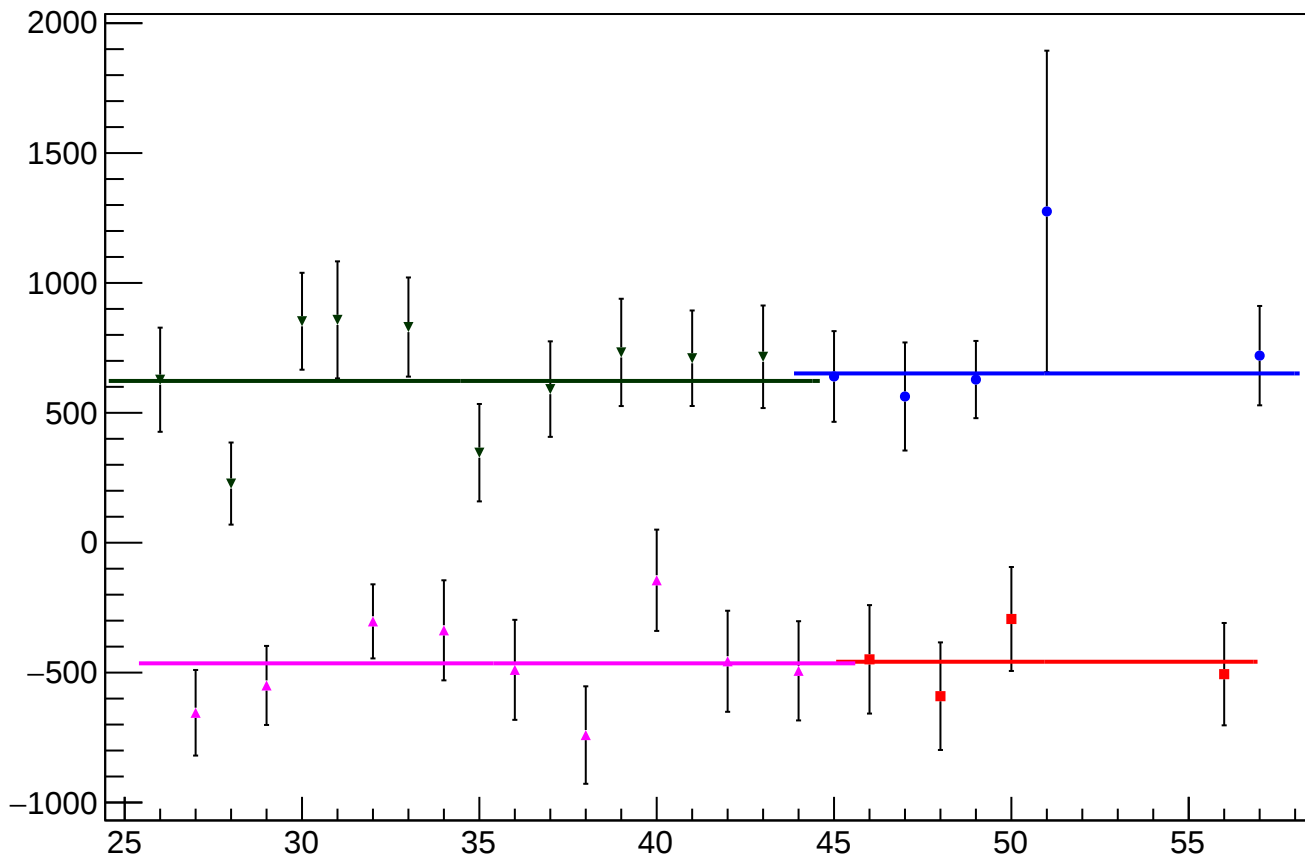
Right Out: 467.401+/-0.242 χ^2/NDF : 20644.4/3

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

466.201+/-0.122 χ^2/NDF : 156289.0/13

465.769+/-0.121 χ^2/NDF : 222729.3/12

reg_asym_usl_mean vs slug



Right In: 651.650 $\pm$ 87.325 χ^2/NDF : 1.4/4

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

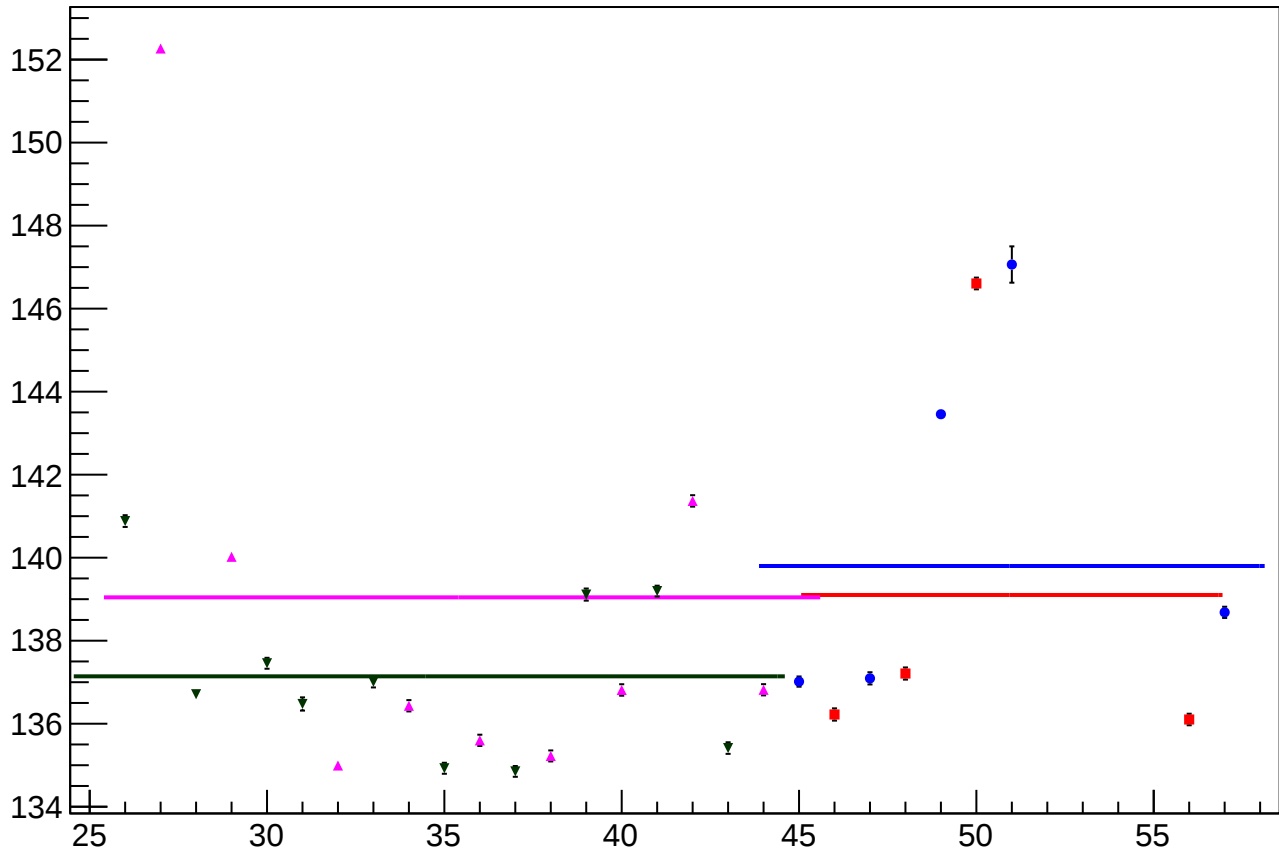
Right Out: -458.182 $\pm$ 101.526 χ^2/NDF : 1.1/3

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

632.007 $\pm$ 49.466 χ^2/NDF : 14.4/14

-462.808 $\pm$ 50.722 χ^2/NDF : 9.4/12

reg_asym_usl_rms vs slug



Right In: 139.800 ± 0.062 χ^2/NDF : 2401.3/4

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

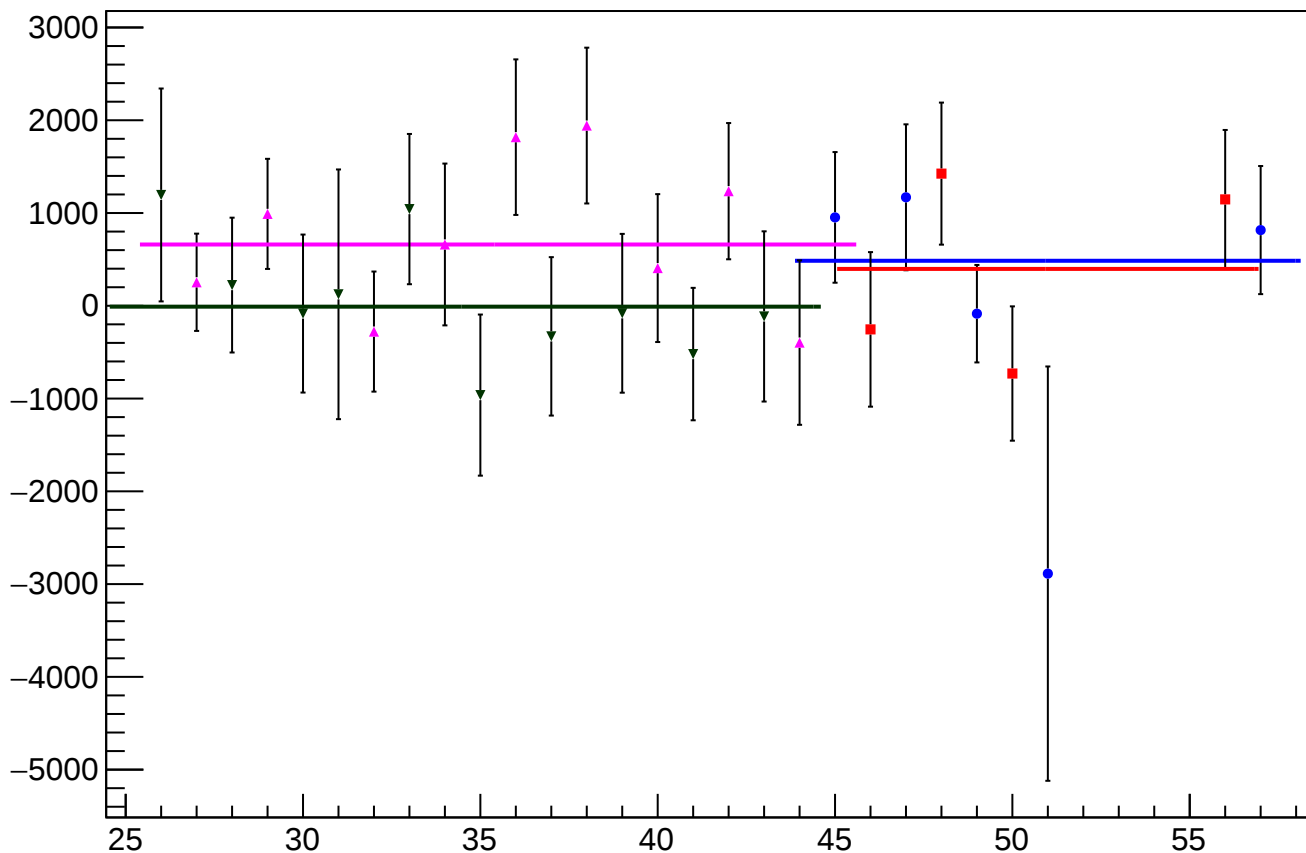
Right Out: 139.101 ± 0.072 χ^2/NDF : 3825.2/3

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

137.994 ± 0.035 χ^2/NDF : 5569.7/14

139.058 ± 0.036 χ^2/NDF : 21058.1/12

asym_usl_correction_mean vs slug



Right In: 485.245 ± 323.507 χ^2/NDF : 4.9/4

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

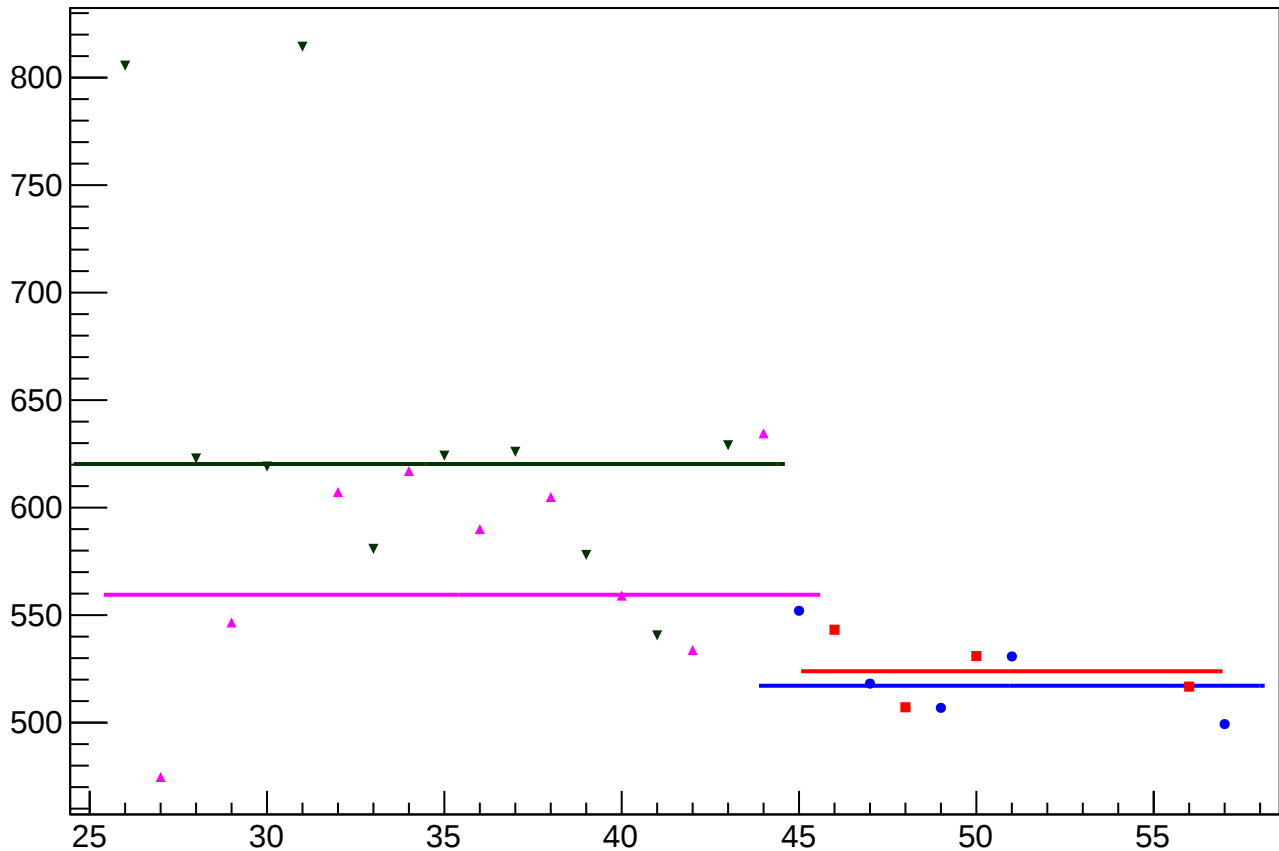
Right Out: 397.481 ± 382.342 χ^2/NDF : 5.8/3

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

197.204 ± 209.070 χ^2/NDF : 11.0/14

587.347 ± 201.782 χ^2/NDF : 15.6/12

asym_usl_correction_rms vs slug



Right In: 517.160 ± 0.229 χ^2/NDF : 7086.9/4

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

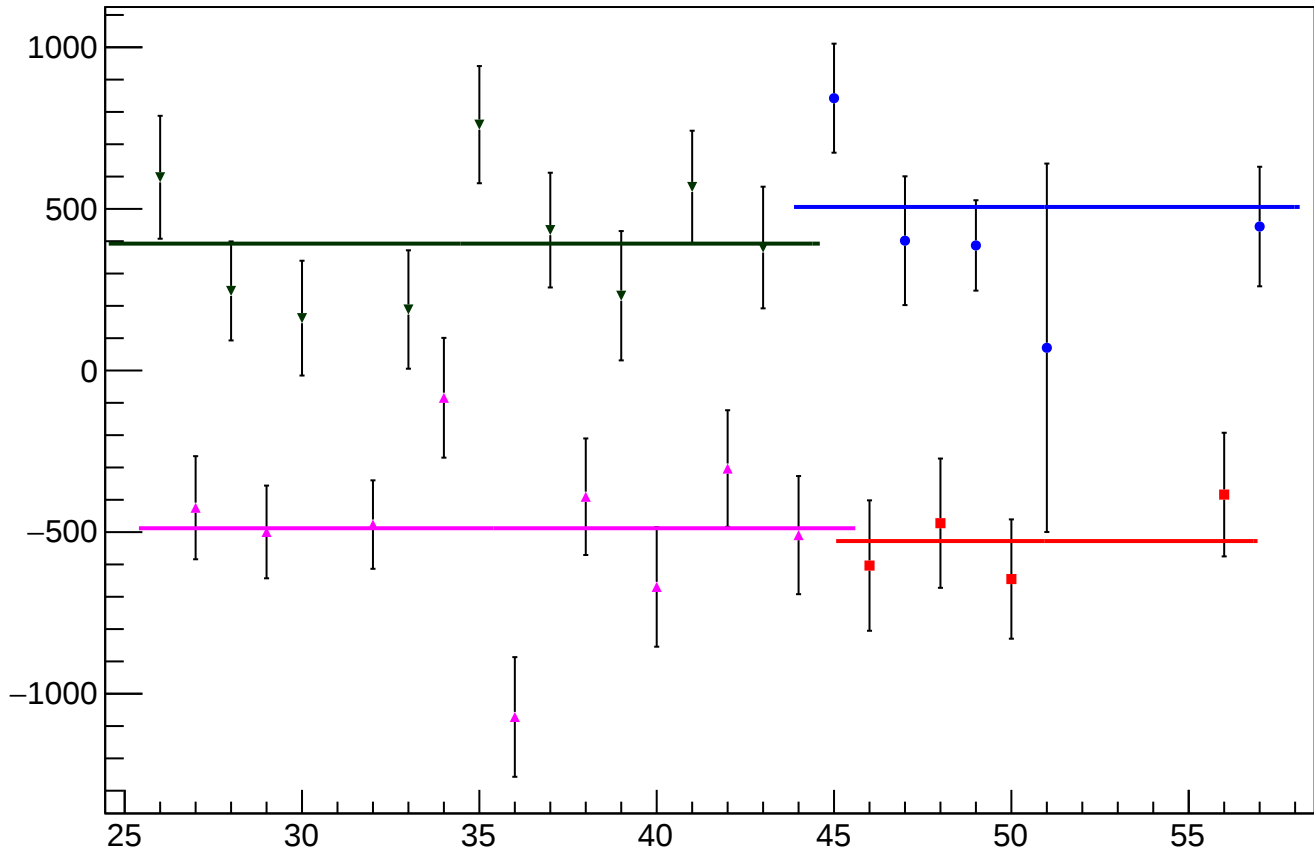
Right Out: 523.892 ± 0.270 χ^2/NDF : 2407.4/3

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

577.219 ± 0.148 χ^2/NDF : 254123.6/14

549.566 ± 0.143 χ^2/NDF : 113042.6/12

reg_asym_usr_mean vs slug



Right In: 505.992 $\pm$ 83.388 χ^2/NDF : 5.7/4

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

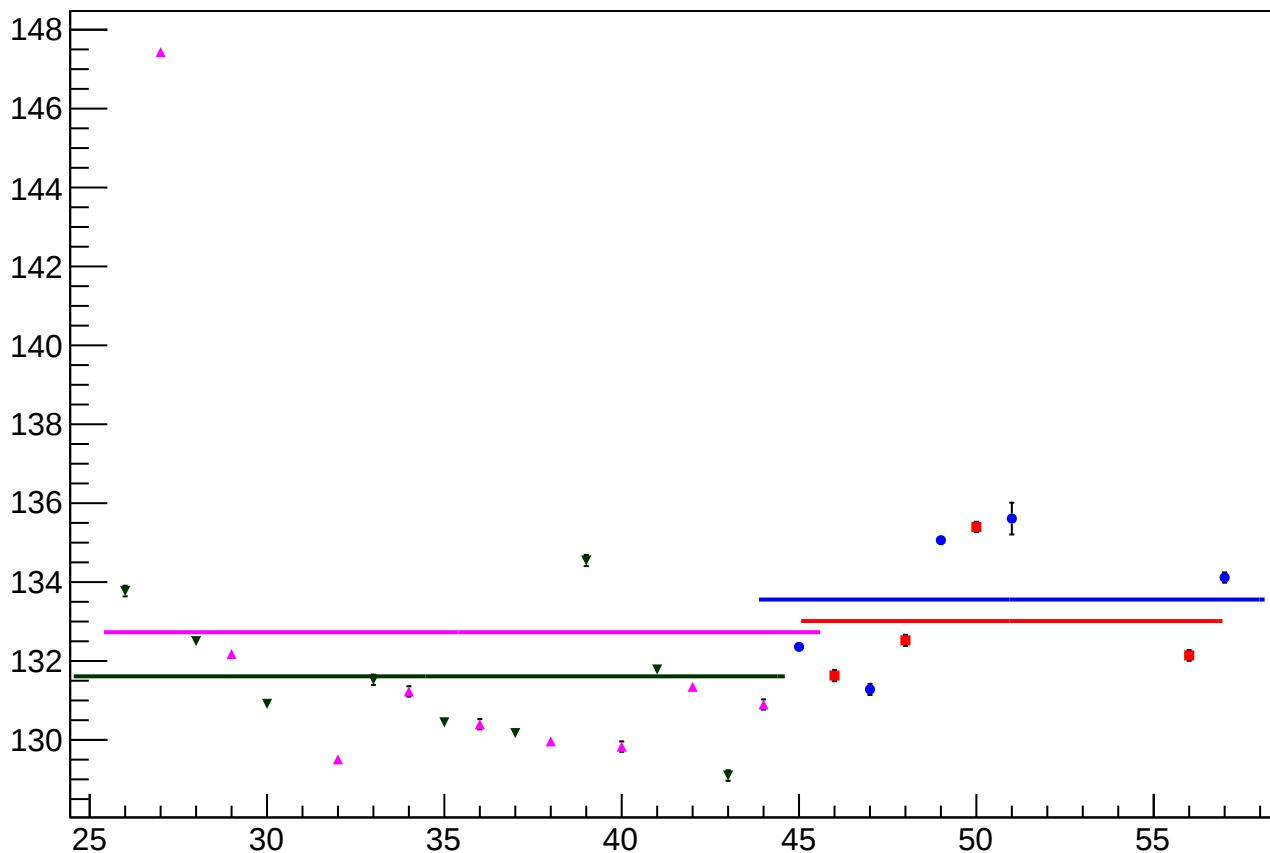
Right Out: -527.639 $\pm$ 97.010 χ^2/NDF : 1.2/3

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

431.033 $\pm$ 48.561 χ^2/NDF : 17.7/13

-497.867 $\pm$ 48.420 χ^2/NDF : 18.5/12

reg_asym_usr_rms vs slug



Right In: 133.558 ± 0.059 χ^2/NDF : 637.8/4

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

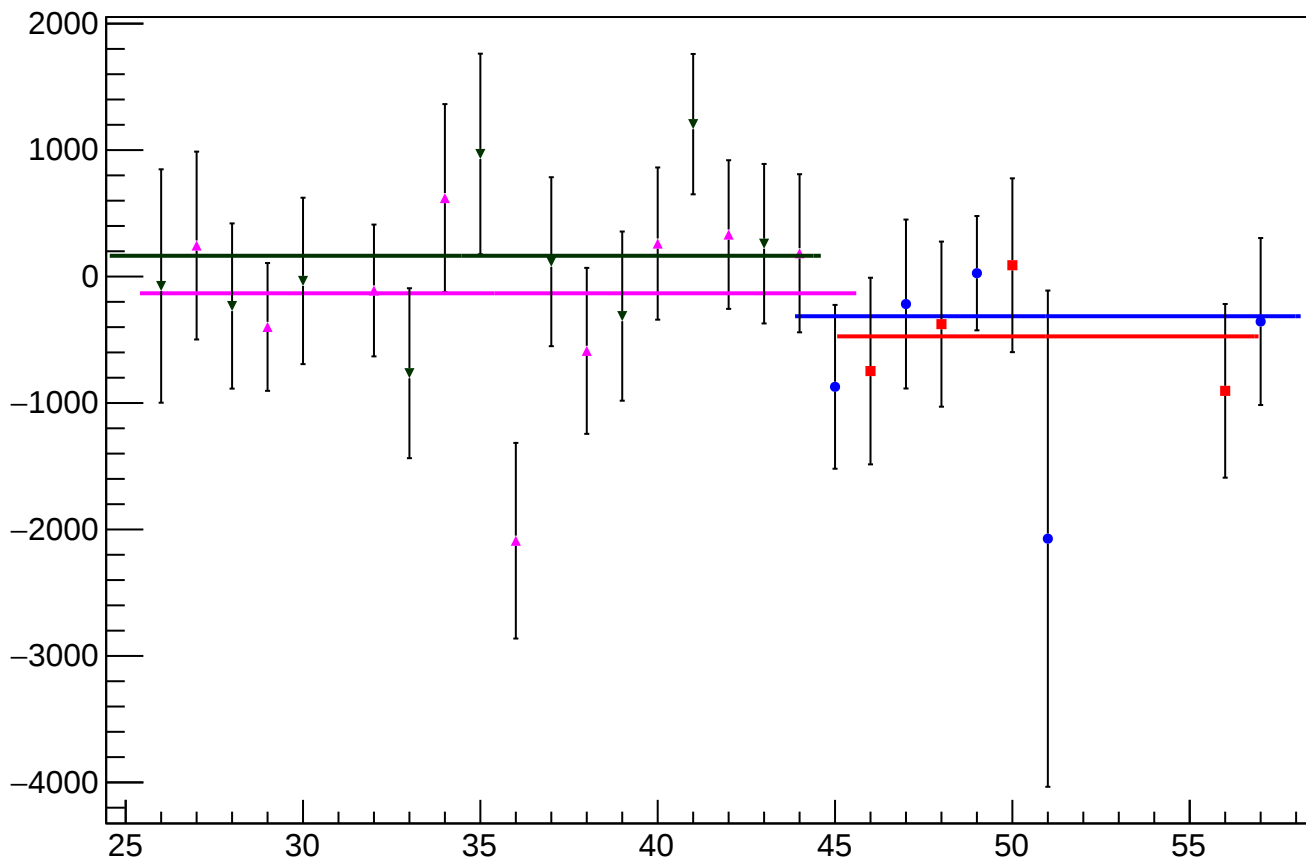
Right Out: 133.013 ± 0.069 χ^2/NDF : 481.4/3

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

132.272 ± 0.034 χ^2/NDF : 2719.4/13

132.801 ± 0.034 χ^2/NDF : 20354.6/12

asym_usr_correction_mean vs slug



Right In: -313.798+/-287.795 χ^2/NDF : 2.1/4

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

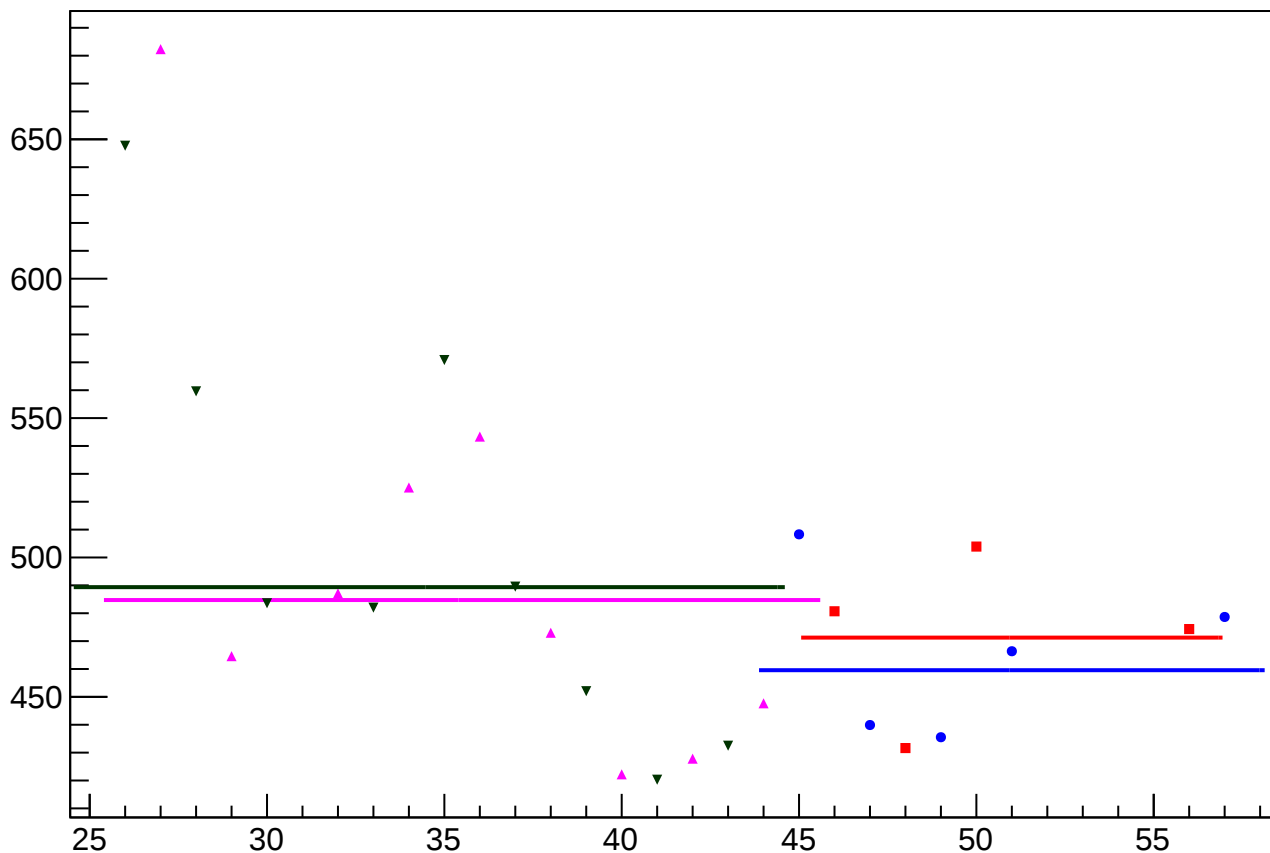
Right Out: -472.963+/-344.588 χ^2/NDF : 1.2/3

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

-16.408+/-176.936 χ^2/NDF : 11.4/13

-222.382+/-177.188 χ^2/NDF : 11.7/12

asym_usr_correction_rms vs slug



Right In: 459.566 ± 0.204 χ^2/NDF : 20413.1/4

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

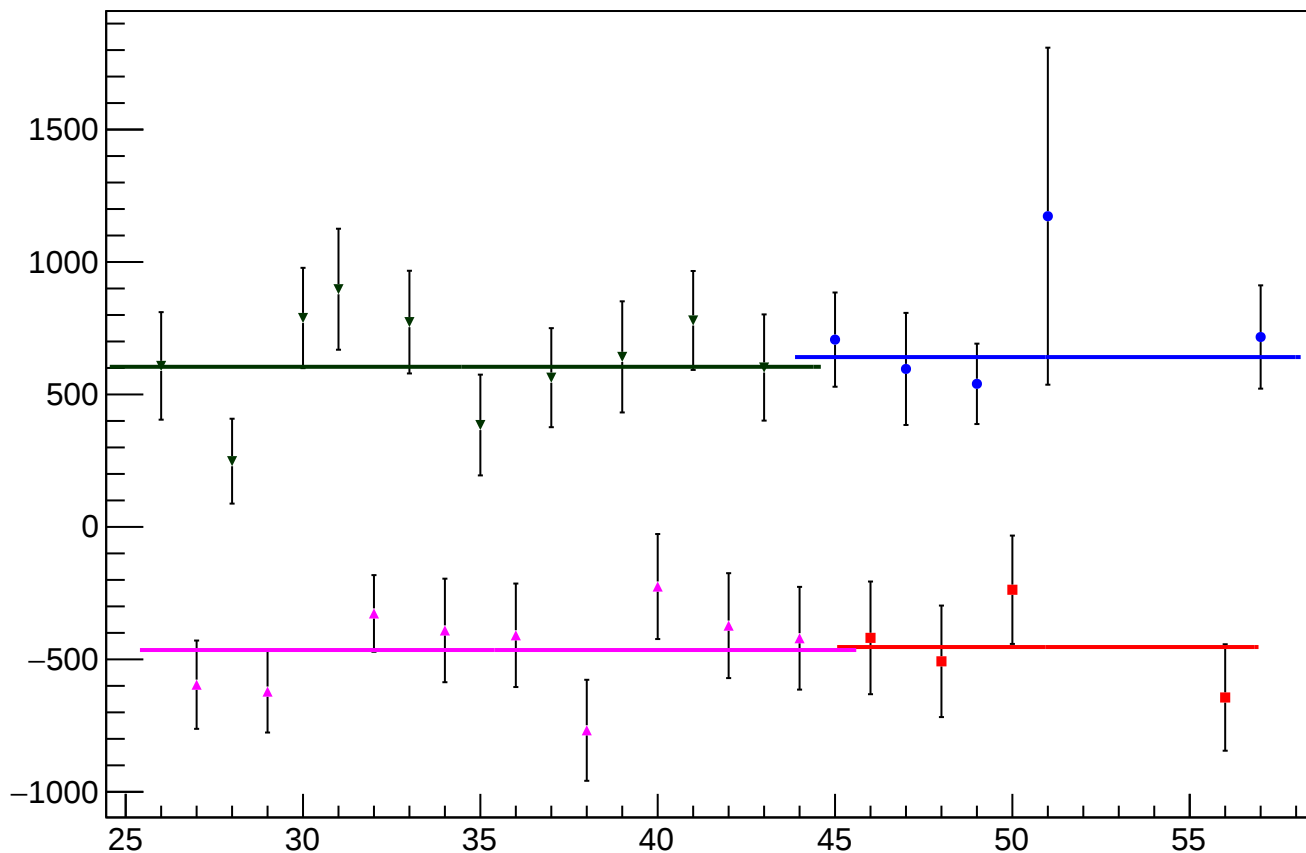
Right Out: 471.260 ± 0.244 χ^2/NDF : 12251.1/3

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

478.099 ± 0.125 χ^2/NDF : 190700.8/13

481.171 ± 0.125 χ^2/NDF : 224659.5/12

reg_asym_dsl_mean vs slug



Right In: 641.126 $\pm$ 89.025 χ^2/NDF : 1.5/4

Left Out: 604.421 $\pm$ 60.916 χ^2/NDF :10.6/9

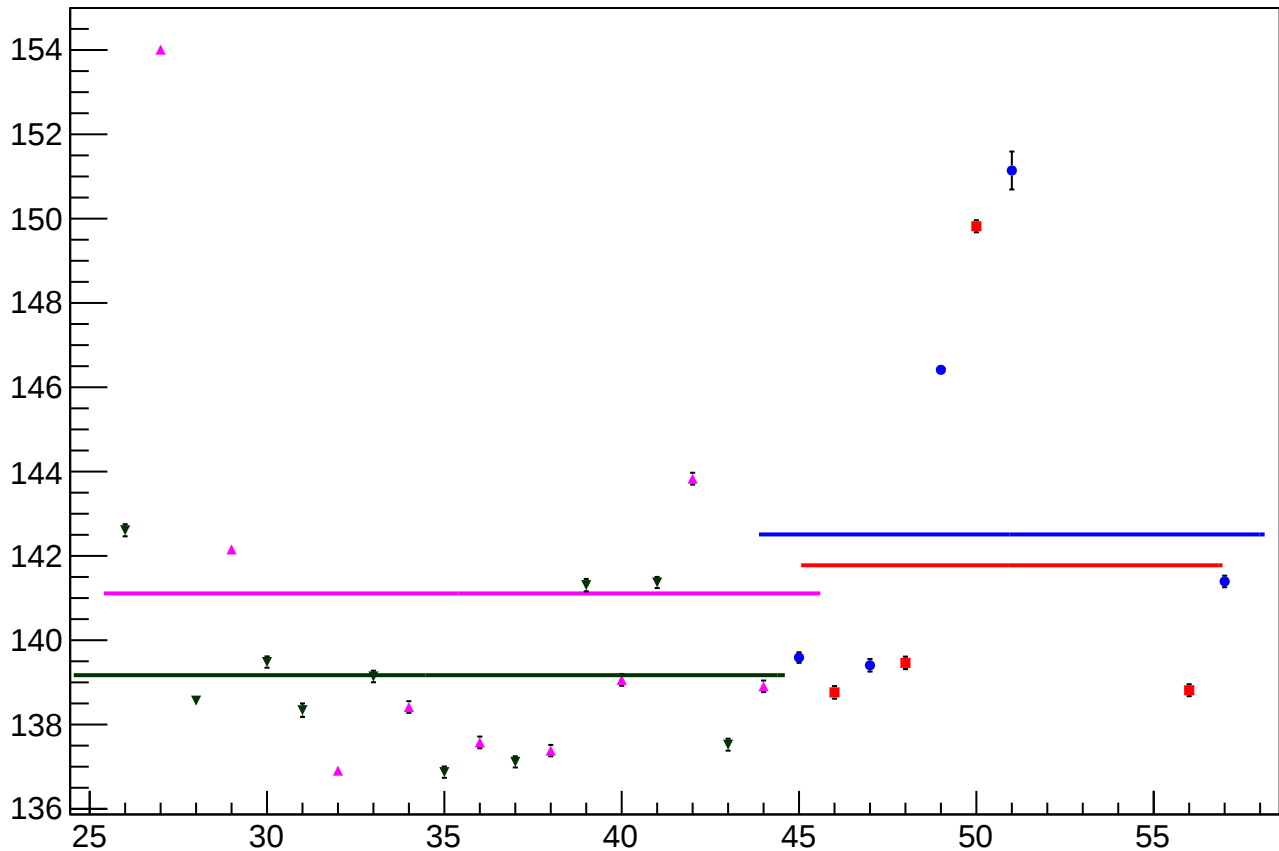
Right Out: -453.409 $\pm$ 103.491 χ^2/NDF : 2.1/3

Left In: -464.676 $\pm$ 59.428 χ^2/NDF :7.0/8

616.126 $\pm$ 50.273 χ^2/NDF : 12.2/14

-461.882 $\pm$ 51.536 χ^2/NDF : 9.2/12

reg_asym_dsl_rms vs slug



Right In: 142.509+/-0.063 χ^2/NDF : 2728.2/4

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

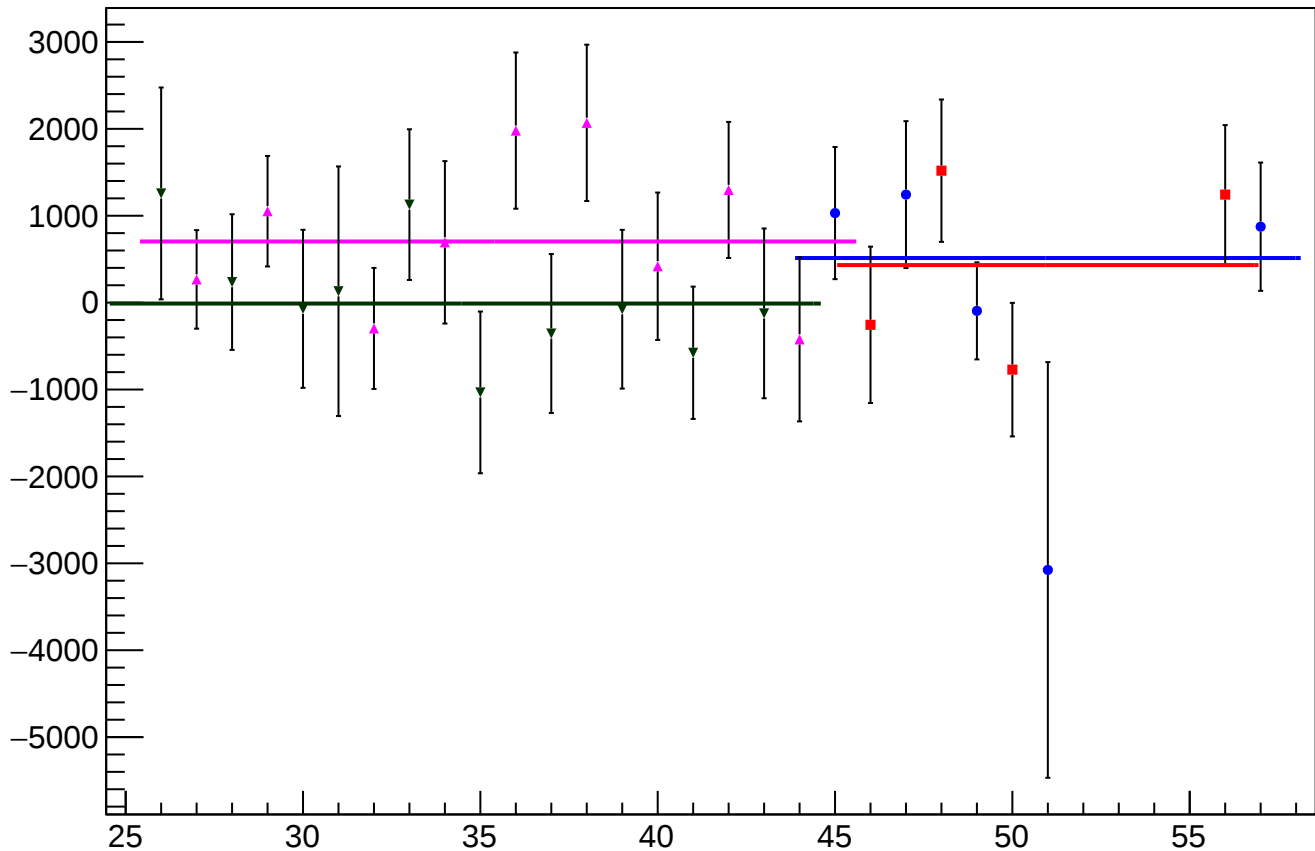
Right Out: 141.777+/-0.073 χ^2/NDF : 4171.7/3

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

140.235+/-0.036 χ^2/NDF : 6432.0/14

141.275+/-0.036 χ^2/NDF : 20643.2/12

asym_dsl_correction_mean vs slug



Right In: 513.372 $\pm$ 346.069 χ^2 /NDF: 4.9/4

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

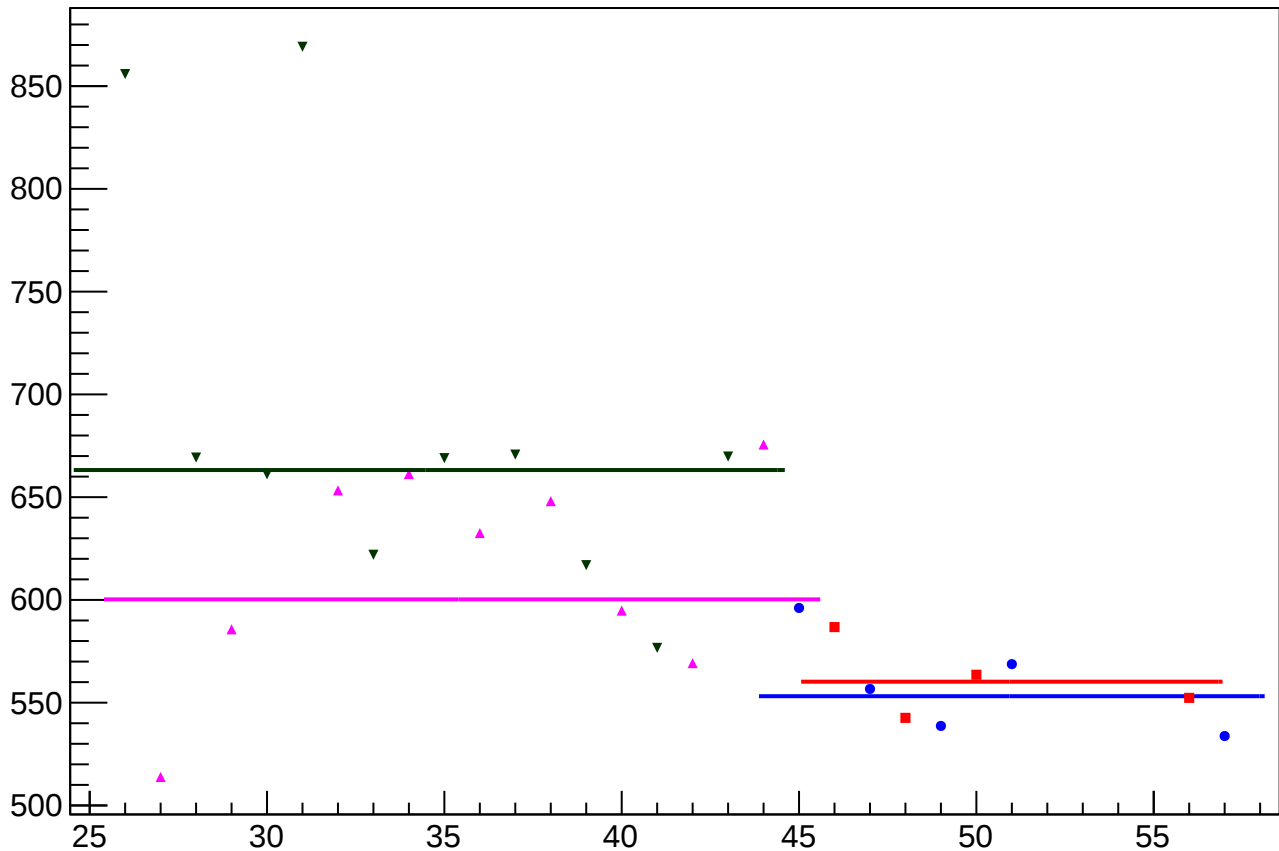
Right Out: 432.214 $\pm$ 408.867 χ^2 /NDF: 5.8/3

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

208.162 $\pm$ 223.571 χ^2 /NDF: 11.1/14

627.917 $\pm$ 216.226 χ^2 /NDF: 15.5/12

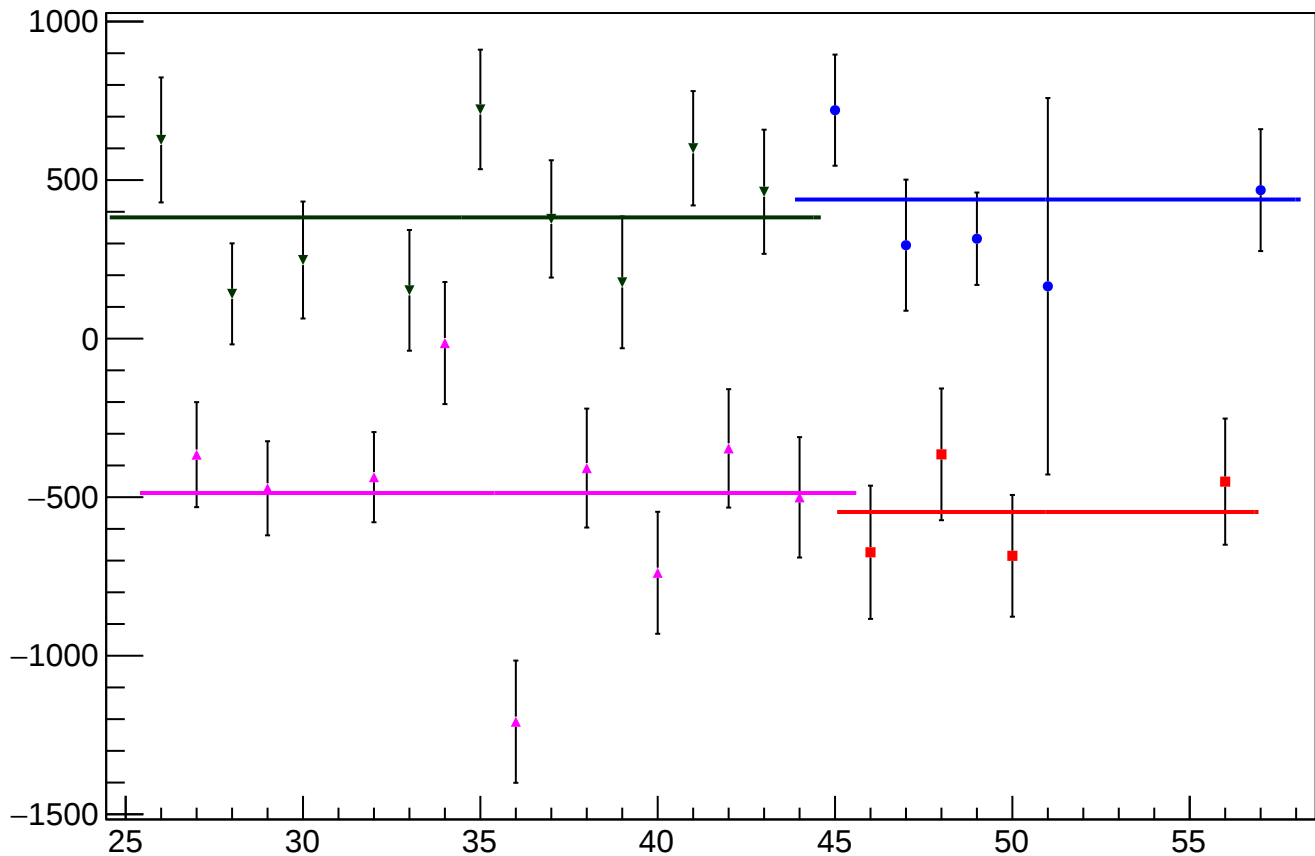
asym_dsl_correction_rms vs slug



Right In: 553.155 ± 0.245 $\chi^2/\text{NDF}: 9218.9/4$
 Left Out: 663.196 ± 0.207 $\chi^2/\text{NDF}: 126991.2/9$
 Right Out: 560.220 ± 0.289 $\chi^2/\text{NDF}: 2898.7/3$
 Left In: 600.267 ± 0.180 $\chi^2/\text{NDF}: 91809.8/8$

617.270 ± 0.158 $\chi^2/\text{NDF}: 254030.6/14$
 589.067 ± 0.153 $\chi^2/\text{NDF}: 108529.1/12$

reg_asym_dsr_mean vs slug



Right In: 438.750 ± 86.721 $\chi^2/\text{NDF}: 4.0/4$

Left Out: 382.318 ± 62.068 $\chi^2/\text{NDF}: 11.7/8$

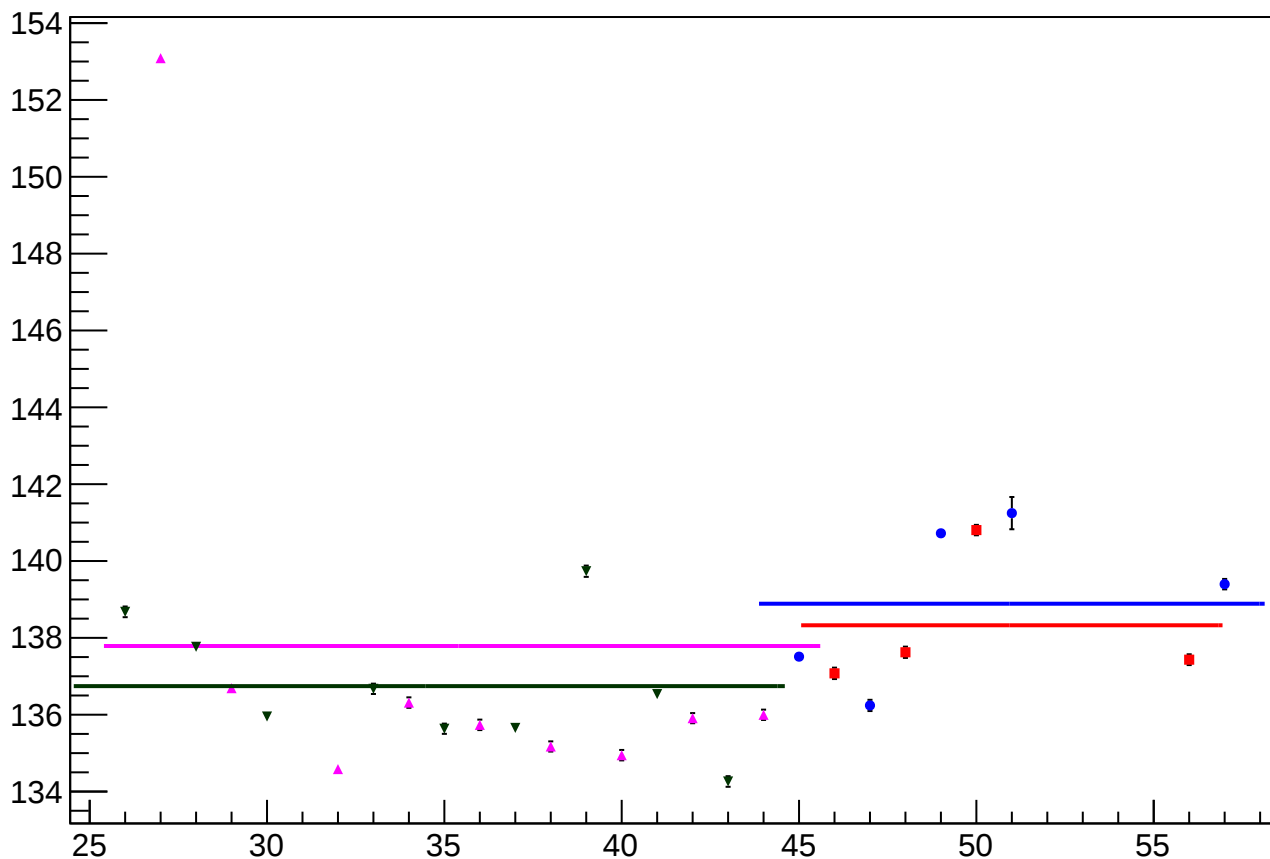
Right Out: -546.696 ± 100.887 $\chi^2/\text{NDF}: 1.9/3$

Left In: -486.864 ± 58.008 $\chi^2/\text{NDF}: 23.2/8$

401.433 ± 50.473 $\chi^2/\text{NDF}: 16.0/13$

-501.730 ± 50.288 $\chi^2/\text{NDF}: 25.3/12$

reg_asym_dsr_rms vs slug



Right In: 138.889+/-0.061 χ^2/NDF : 813.6/4

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

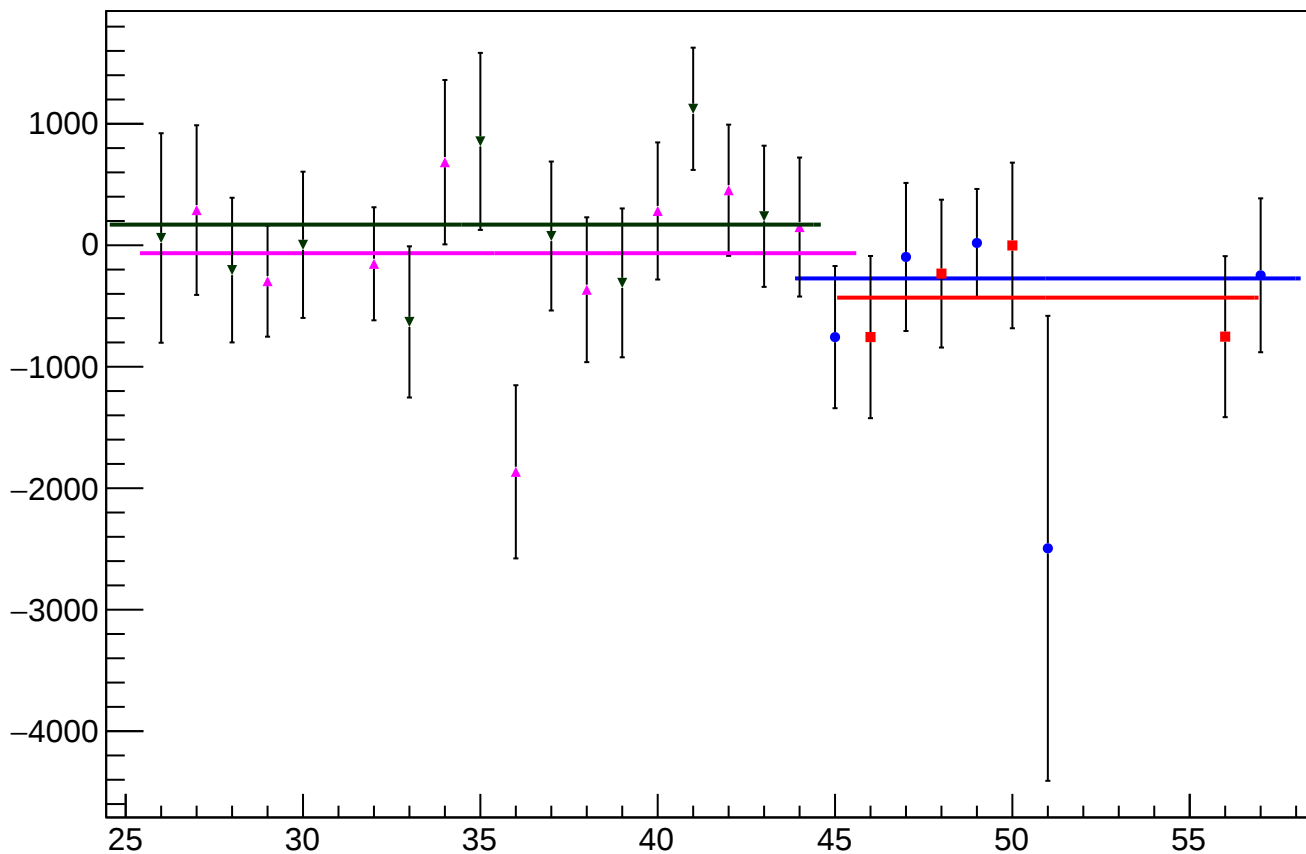
Right Out: 138.327+/-0.071 χ^2/NDF : 467.6/3

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

137.470+/-0.036 χ^2/NDF : 2811.4/13

137.922+/-0.036 χ^2/NDF : 20258.0/12

asym_dsr_correction_mean vs slug



Right In: -272.875+/-272.808 χ^2/NDF : 2.5/4

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

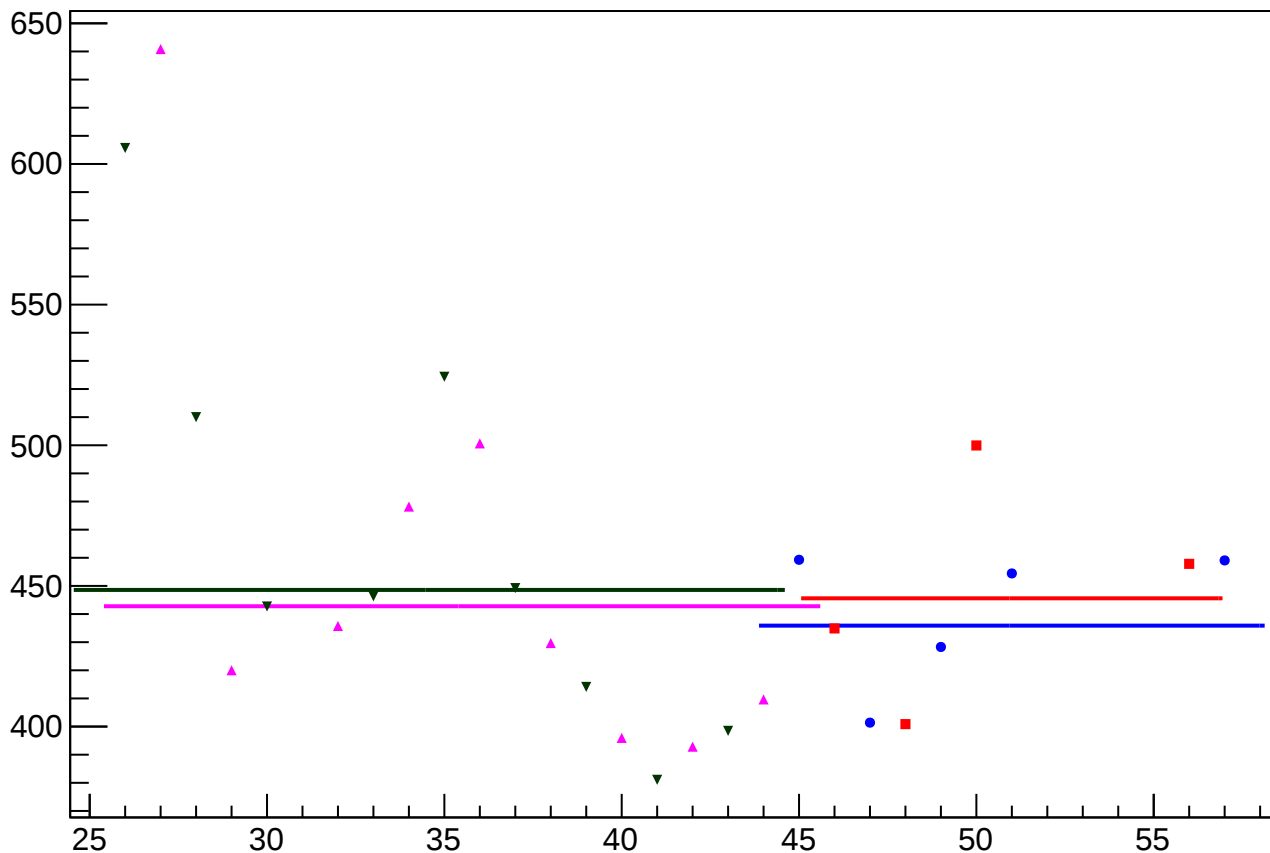
Right Out: -431.146+/-326.644 χ^2/NDF : 1.0/3

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

9.510+/-164.264 χ^2/NDF : 11.5/13

-156.825+/-163.484 χ^2/NDF : 11.8/12

asym_dsr_correction_rms vs slug



Right In: 435.881+/-0.193 χ^2/NDF : 13050.9/4

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

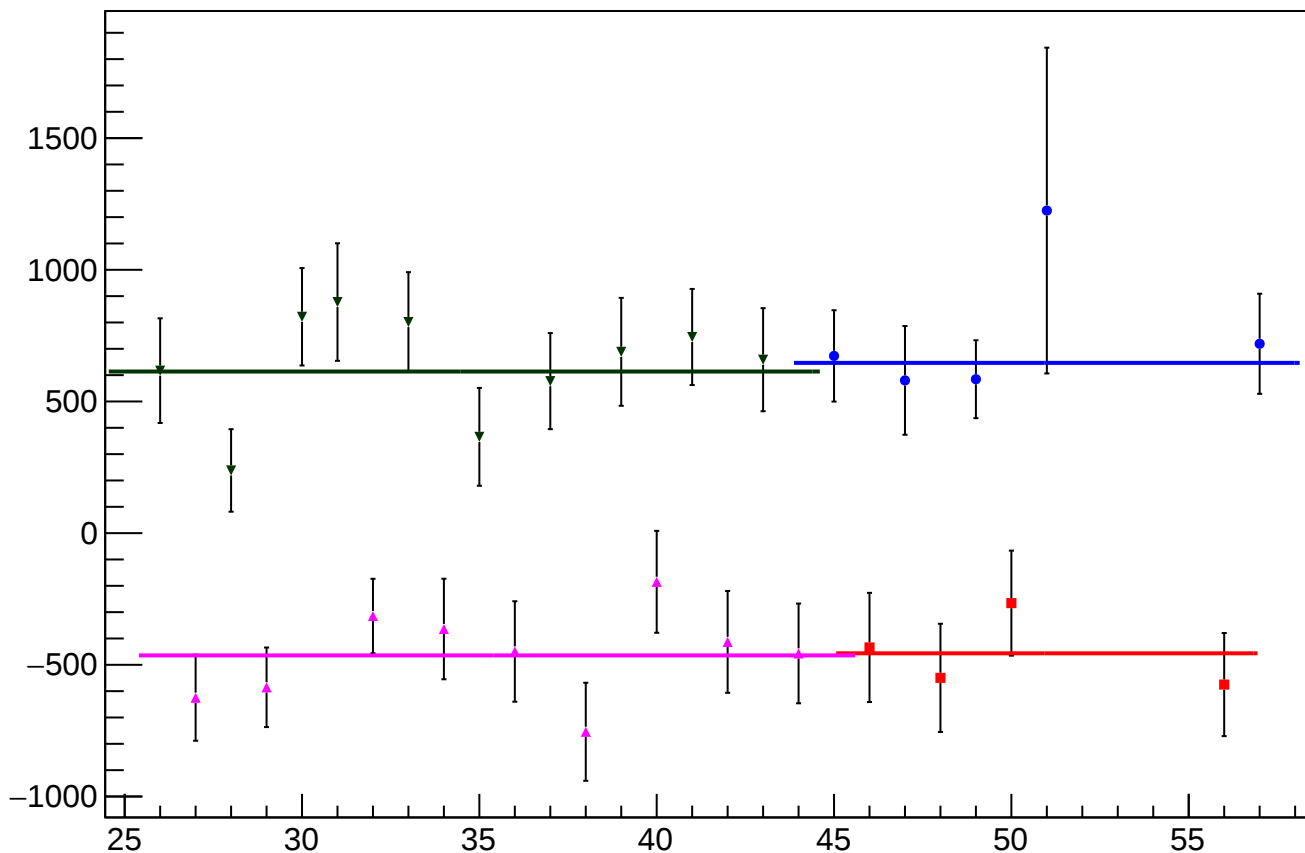
Right Out: 445.590+/-0.231 χ^2/NDF : 24705.4/3

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

443.972+/-0.116 χ^2/NDF : 182494.9/13

443.479+/-0.116 χ^2/NDF : 248322.7/12

reg_asym_left_avg_mean vs slug



Right In: 646.605 $\pm$ 86.799 χ^2 /NDF: 1.3/4

Left Out: 613.726 $\pm$ 59.519 χ^2 /NDF:11.9/9

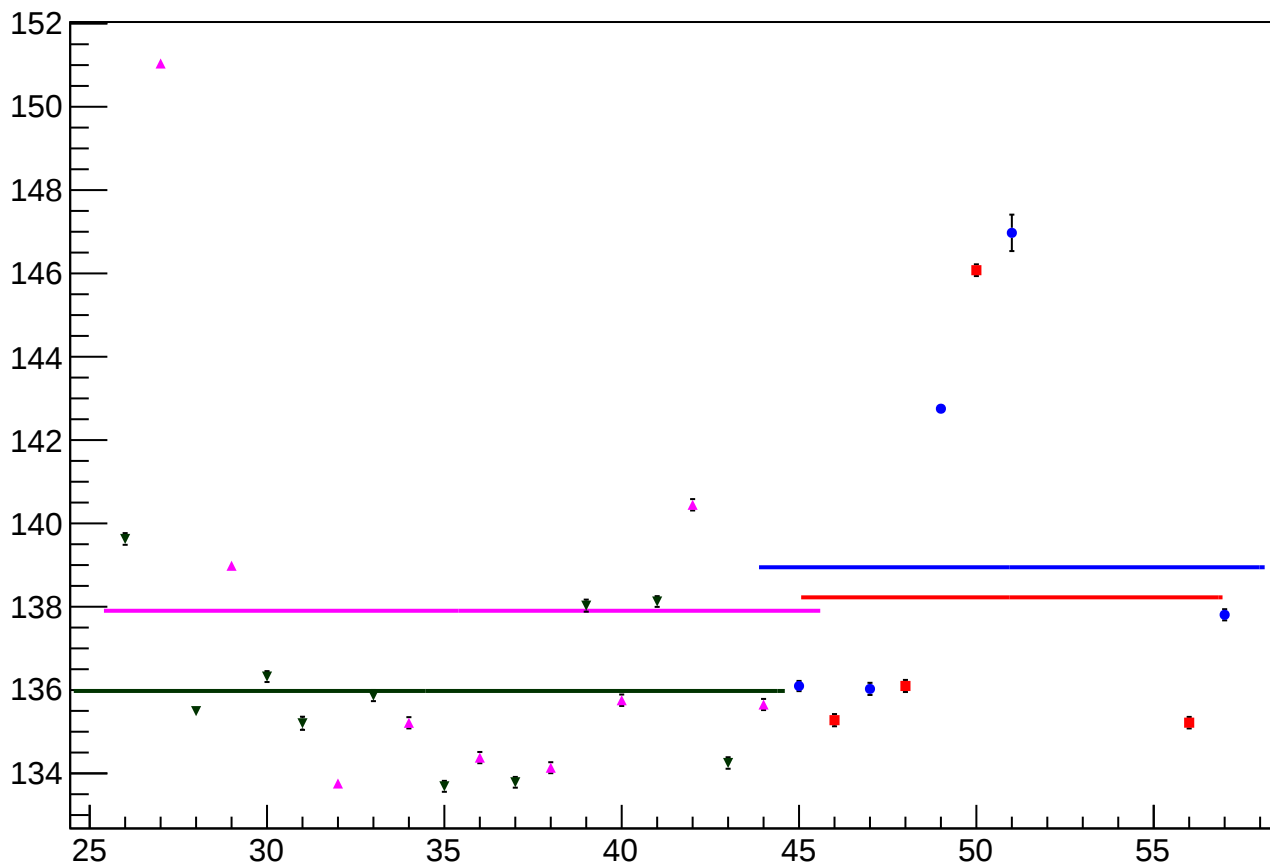
Right Out: -456.263 $\pm$ 100.897 χ^2 /NDF: 1.5/3

Left In: -464.245 $\pm$ 58.079 χ^2 /NDF:7.6/8

624.242 $\pm$ 49.087 χ^2 /NDF: 13.3/14

-462.259 $\pm$ 50.336 χ^2 /NDF: 9.1/12

reg_asym_left_avg_rms vs slug



Right In: 138.947 ± 0.061 χ^2/NDF : 2673.0/4

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

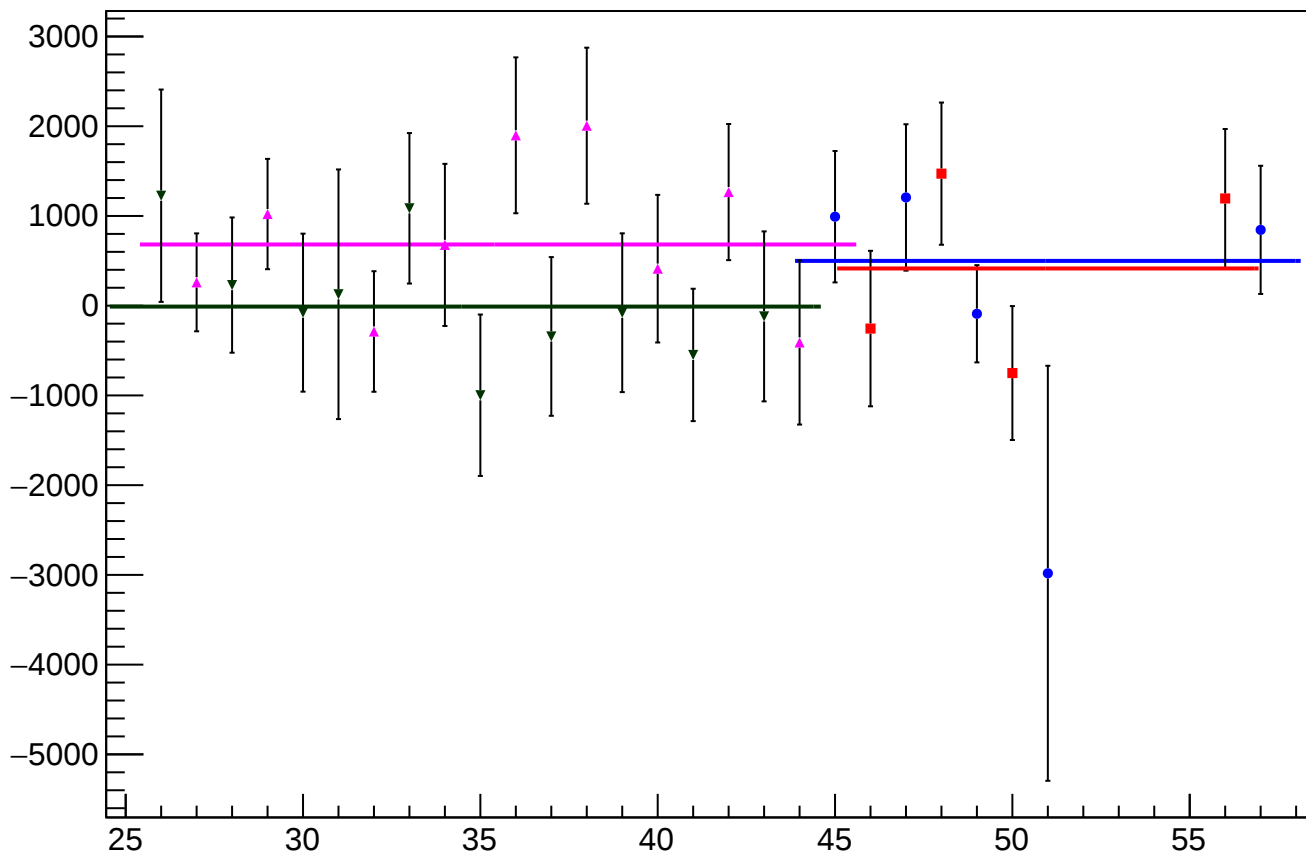
Right Out: 138.225 ± 0.071 χ^2/NDF : 4193.1/3

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

136.928 ± 0.035 χ^2/NDF : 6214.7/14

137.983 ± 0.036 χ^2/NDF : 21719.5/12

asym_left_avg_correction_mean vs slug



Right In: 499.319+/-334.777 χ^2/NDF : 4.9/4

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

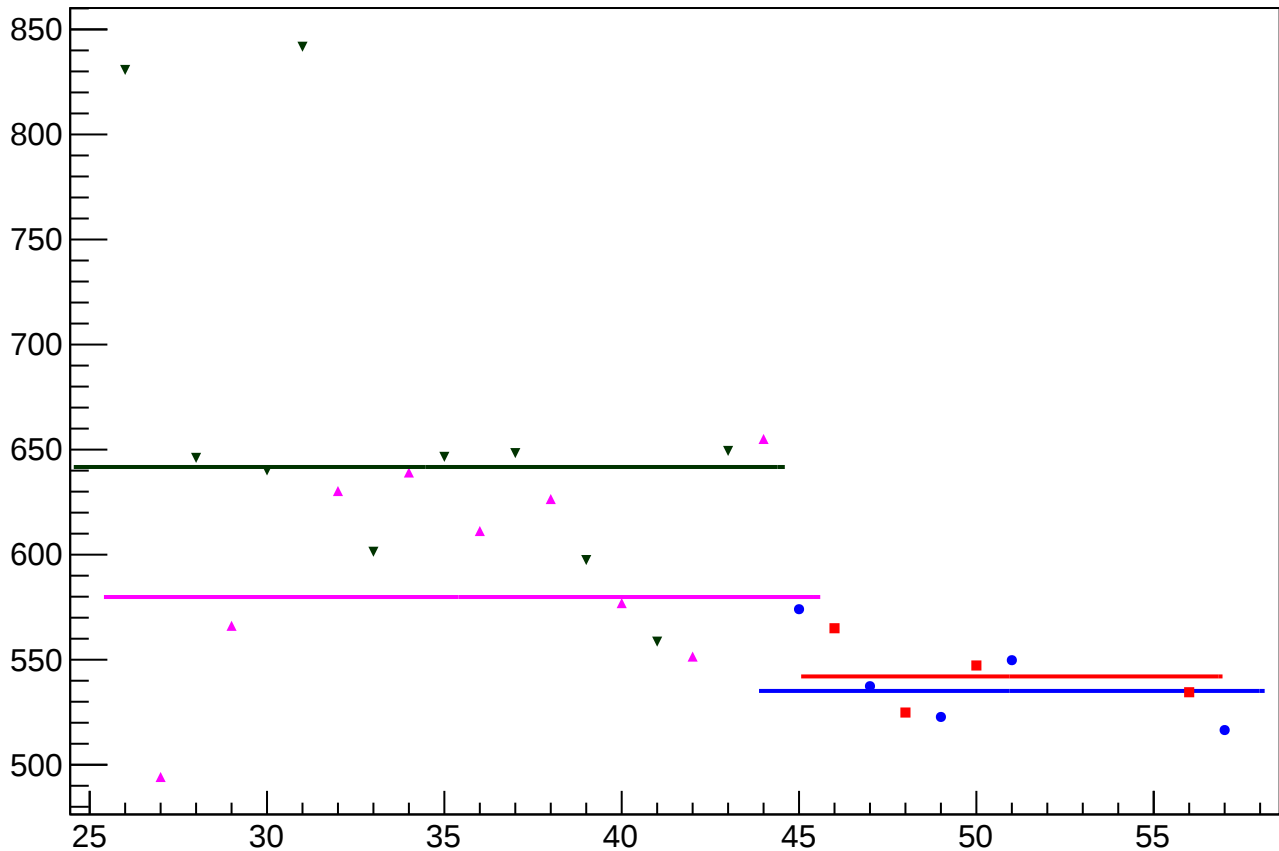
Right Out: 414.873+/-395.592 χ^2/NDF : 5.8/3

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

202.689+/-216.314 χ^2/NDF : 11.0/14

607.627+/-208.995 χ^2/NDF : 15.6/12

asym_left_avg_correction_rms vs slug



Right In: 535.143+/-0.237 χ^2/NDF : 8145.0/4

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

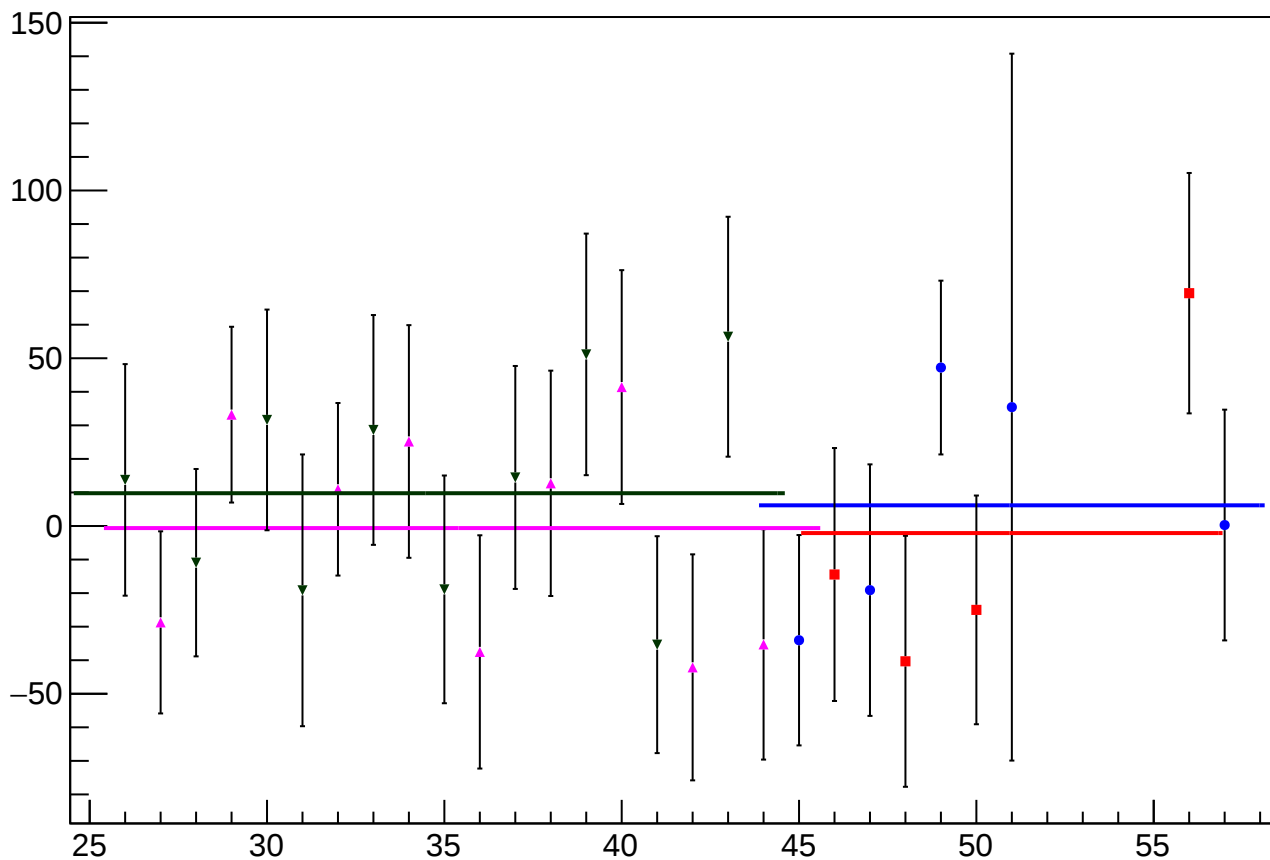
Right Out: 542.041+/-0.280 χ^2/NDF : 2629.2/3

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

597.229+/-0.153 χ^2/NDF : 254027.3/14

569.292+/-0.148 χ^2/NDF : 110677.2/12

reg_asym_left_dd_mean vs slug



Right In: 6.165 $\pm$ 15.511 χ^2 /NDF: 4.7/4

Left Out: 9.773 $\pm$ 10.664 χ^2 /NDF: 7.5/9

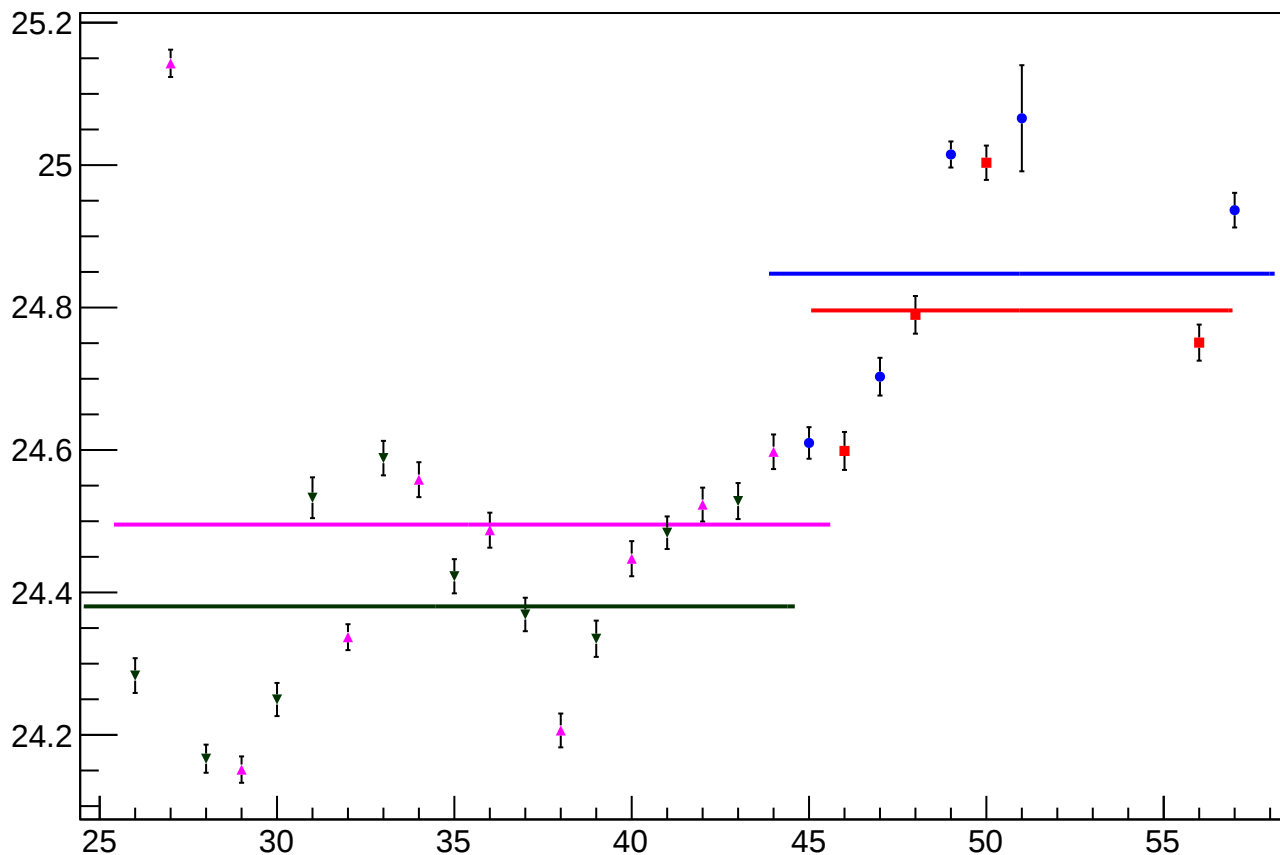
Right Out: -2.105 $\pm$ 18.082 χ^2 /NDF: 5.6/3

Left In: -0.617 $\pm$ 10.300 χ^2 /NDF: 8.8/8

8.615 $\pm$ 8.787 χ^2 /NDF: 12.3/14

-0.982 $\pm$ 8.950 χ^2 /NDF: 14.4/12

reg_asym_left_dd_rms vs slug



Right In: 24.848 ± 0.011 χ^2/NDF : 250.3/4

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

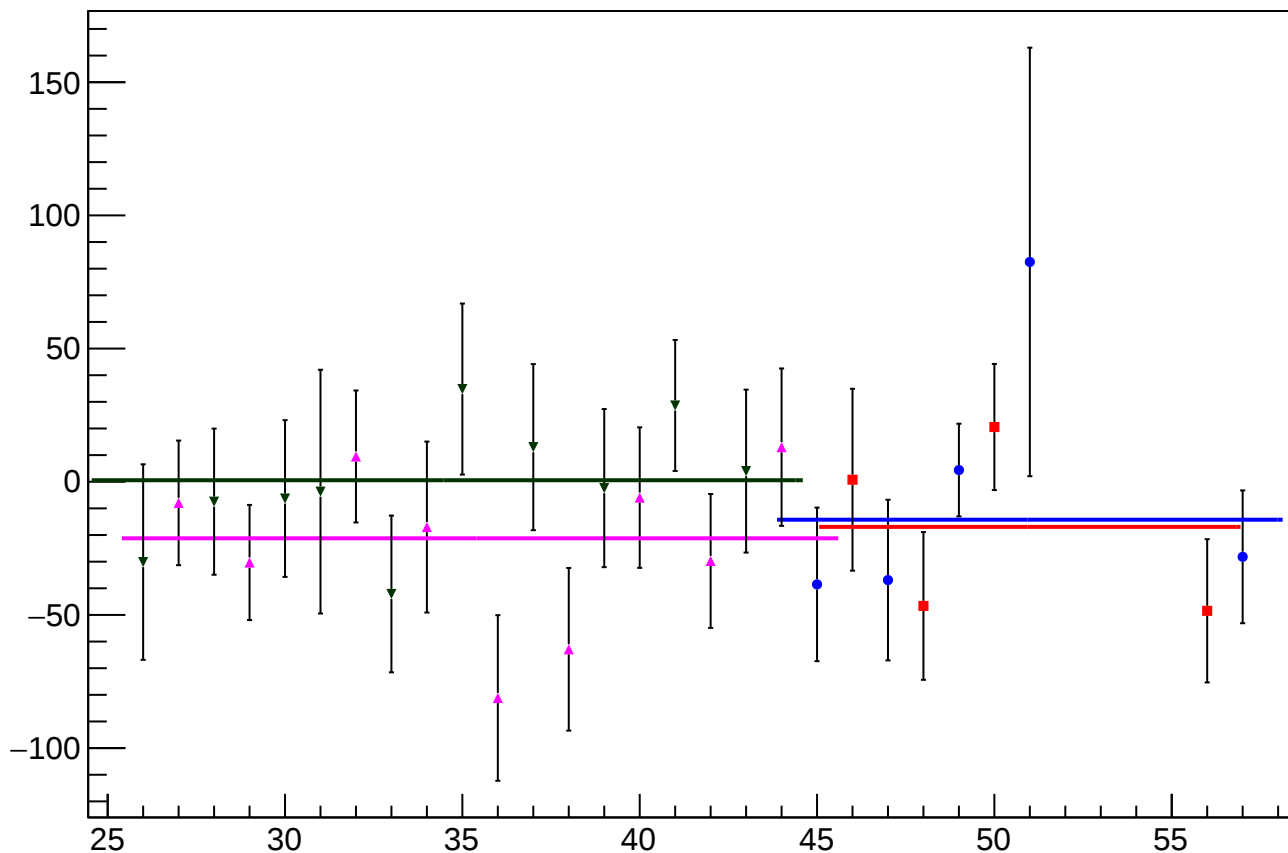
Right Out: 24.796 ± 0.013 χ^2/NDF : 132.0/3

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

24.530 ± 0.006 χ^2/NDF : 1810.2/14

24.569 ± 0.006 χ^2/NDF : 2286.3/12

asym_left_dd_correction_mean vs slug



Right In: -14.248 $\pm$ 11.647 χ^2/NDF : 4.2/4

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

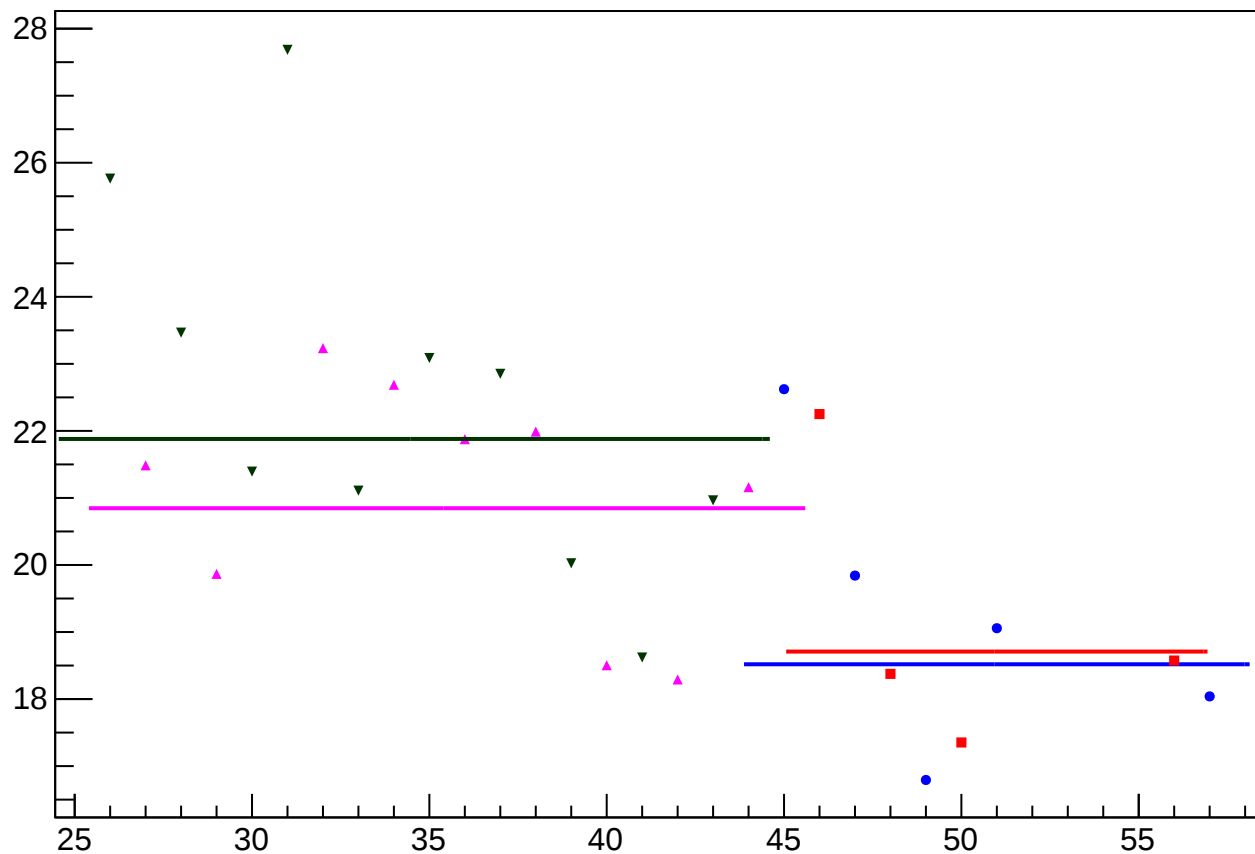
Right Out: -16.945 $\pm$ 13.703 χ^2/NDF : 5.3/3

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

-5.472 $\pm$ 7.435 χ^2/NDF : 10.7/14

-19.973 $\pm$ 7.419 χ^2/NDF : 14.8/12

asym_left_dd_correction_rms vs slug



Right In: 18.519 ± 0.008 χ^2/NDF : 64888.2/4

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

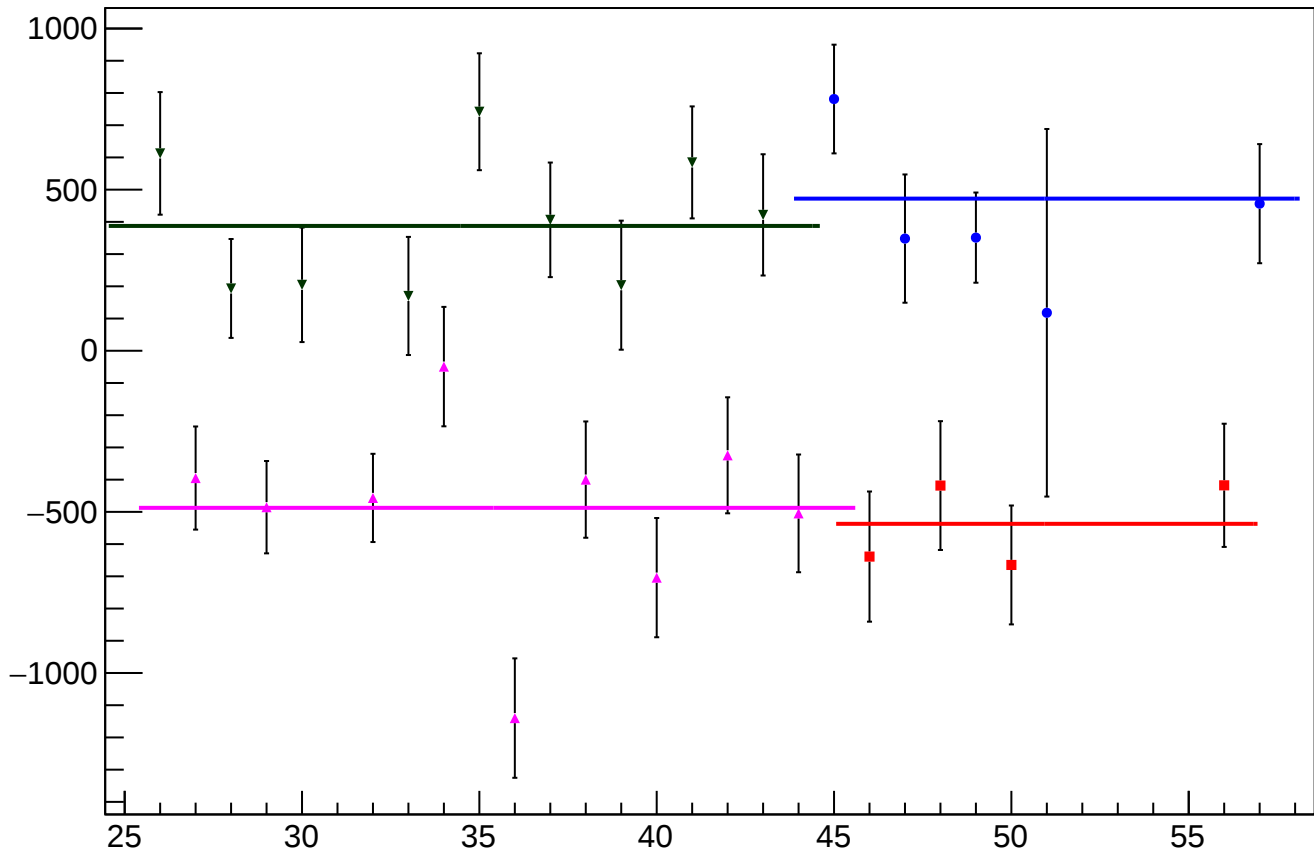
Right Out: 18.709 ± 0.010 χ^2/NDF : 28432.9/3

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

20.510 ± 0.005 χ^2/NDF : 276280.7/14

20.220 ± 0.005 χ^2/NDF : 135260.0/12

reg_asym_right_avg_mean vs slug



Right In: 472.169 $\pm$ 83.396 χ^2/NDF : 4.9/4

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

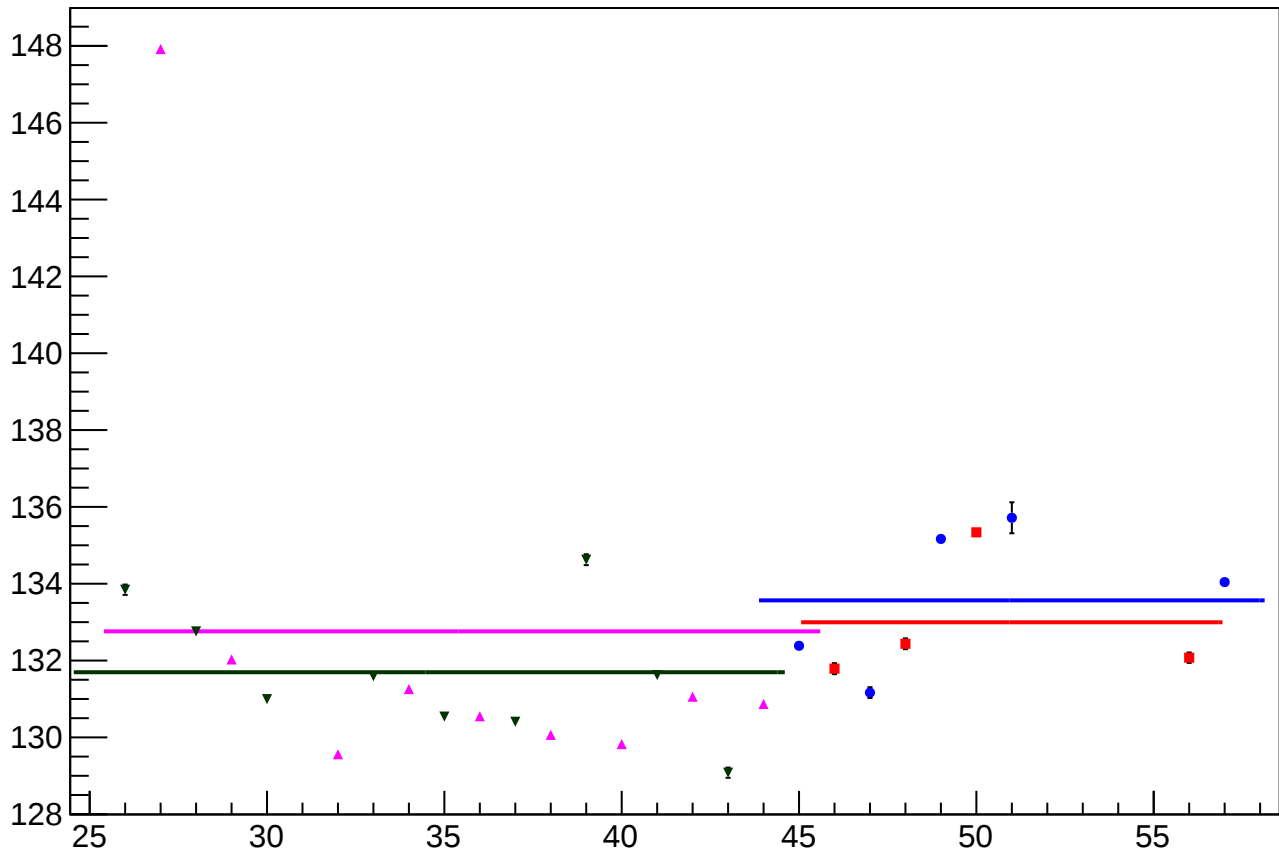
Right Out: -537.088 $\pm$ 96.998 χ^2/NDF : 1.5/3

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

416.181 $\pm$ 48.585 χ^2/NDF : 17.0/13

-499.839 $\pm$ 48.429 χ^2/NDF : 22.5/12

reg_asym_right_avg_rms vs slug



Right In: 133.567 ± 0.059 $\chi^2/\text{NDF}: 692.0/4$

Left Out: 131.696 ± 0.042 $\chi^2/\text{NDF}: 1383.5/8$

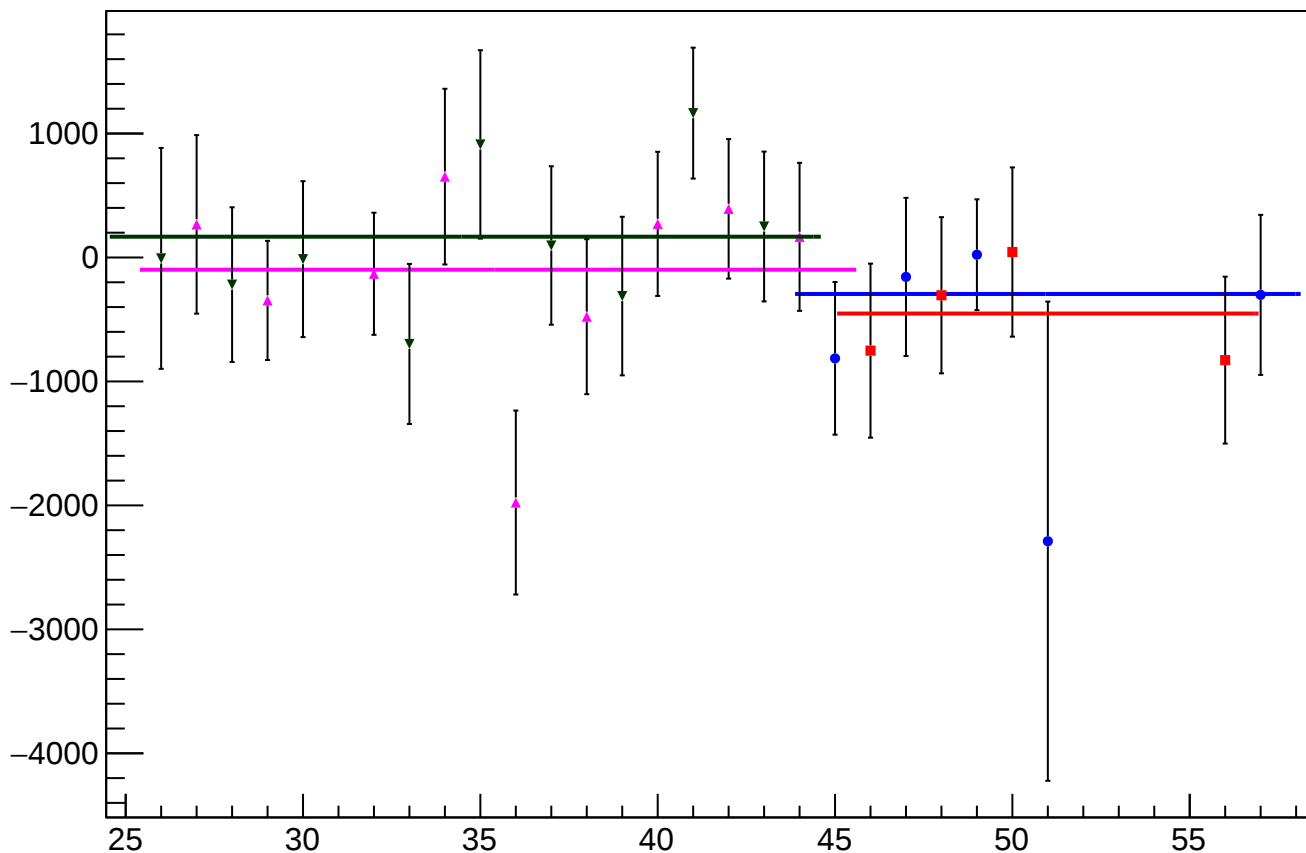
Right Out: 132.996 ± 0.069 $\chi^2/\text{NDF}: 455.7/3$

Left In: 132.760 ± 0.040 $\chi^2/\text{NDF}: 20848.0/8$

132.331 ± 0.034 $\chi^2/\text{NDF}: 2740.2/13$

132.819 ± 0.034 $\chi^2/\text{NDF}: 21312.5/12$

asym_right_avg_correction_mean vs slug



Right In: -294.235 ± 279.887 $\chi^2/\text{NDF}: 2.3/4$

Left Out: 167.658 ± 214.670 $\chi^2/\text{NDF}: 7.4/8$

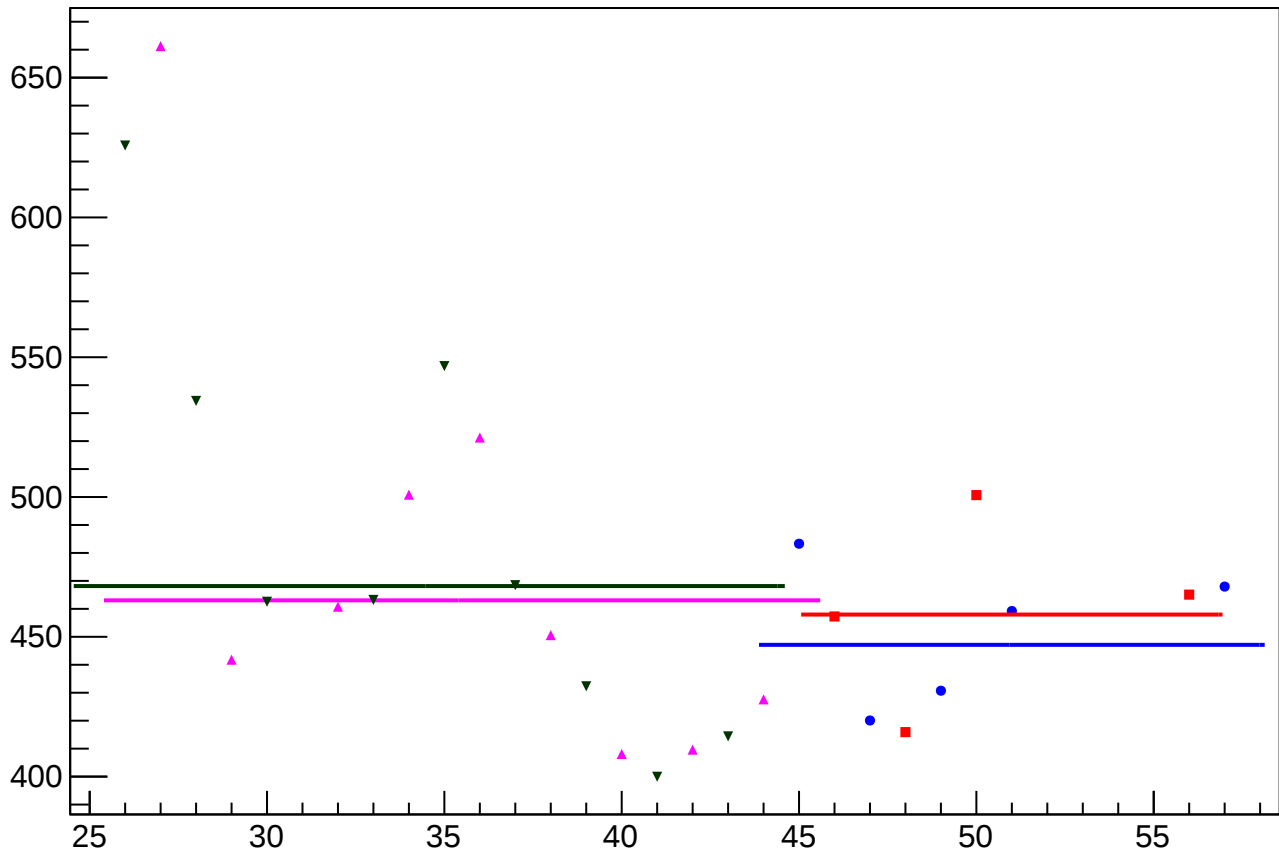
Right Out: -452.270 ± 335.199 $\chi^2/\text{NDF}: 1.1/3$

Left In: -98.634 ± 197.418 $\chi^2/\text{NDF}: 9.8/8$

-3.420 ± 170.337 $\chi^2/\text{NDF}: 11.5/13$

-189.709 ± 170.108 $\chi^2/\text{NDF}: 11.7/12$

asym_right_avg_correction_rms vs slug



Right In: 447.127+/-0.198 χ^2/NDF : 15350.0/4

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

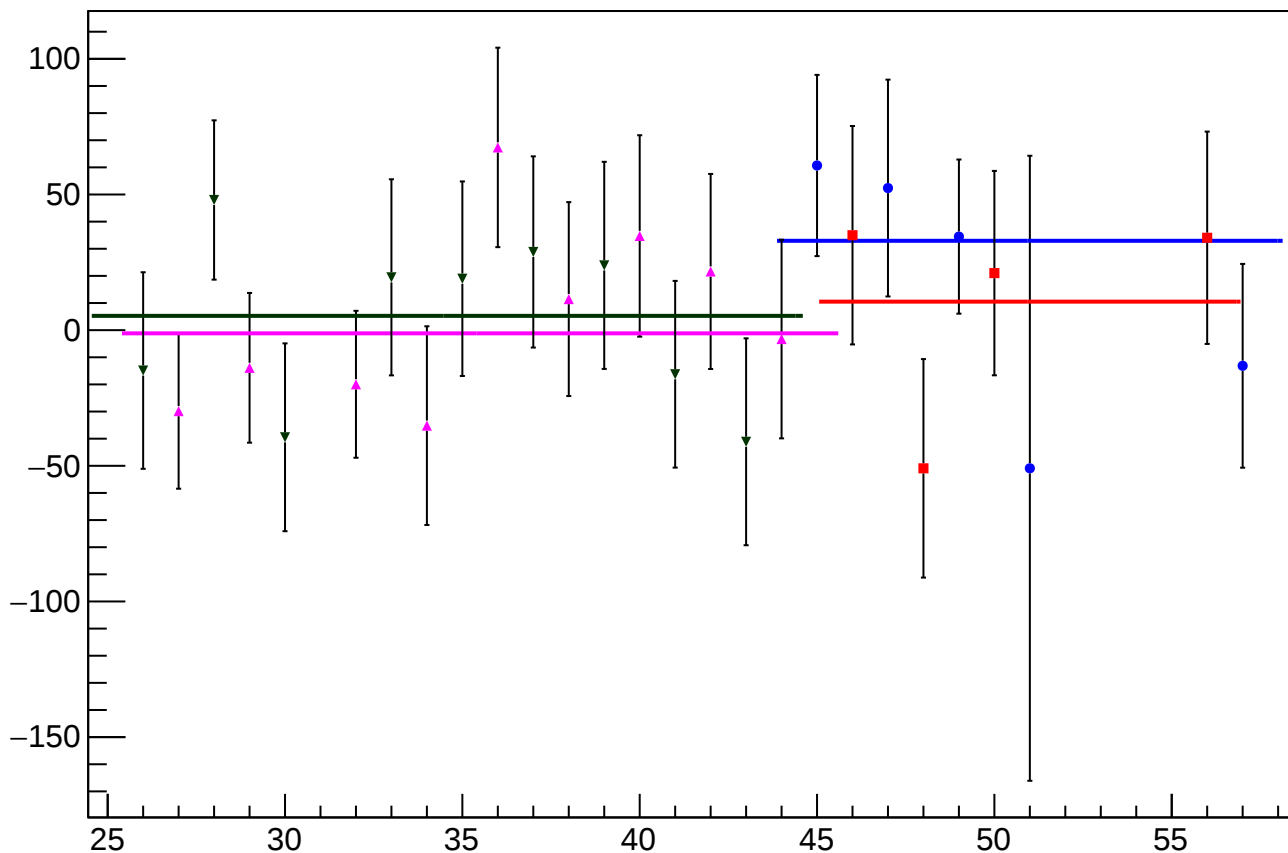
Right Out: 457.961+/-0.237 χ^2/NDF : 16966.1/3

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

460.365+/-0.120 χ^2/NDF : 184687.2/13

461.734+/-0.120 χ^2/NDF : 234455.1/12

reg_asym_right_dd_mean vs slug



Right In: 32.936 $\pm$ 16.792 χ^2 /NDF: 3.0/4

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

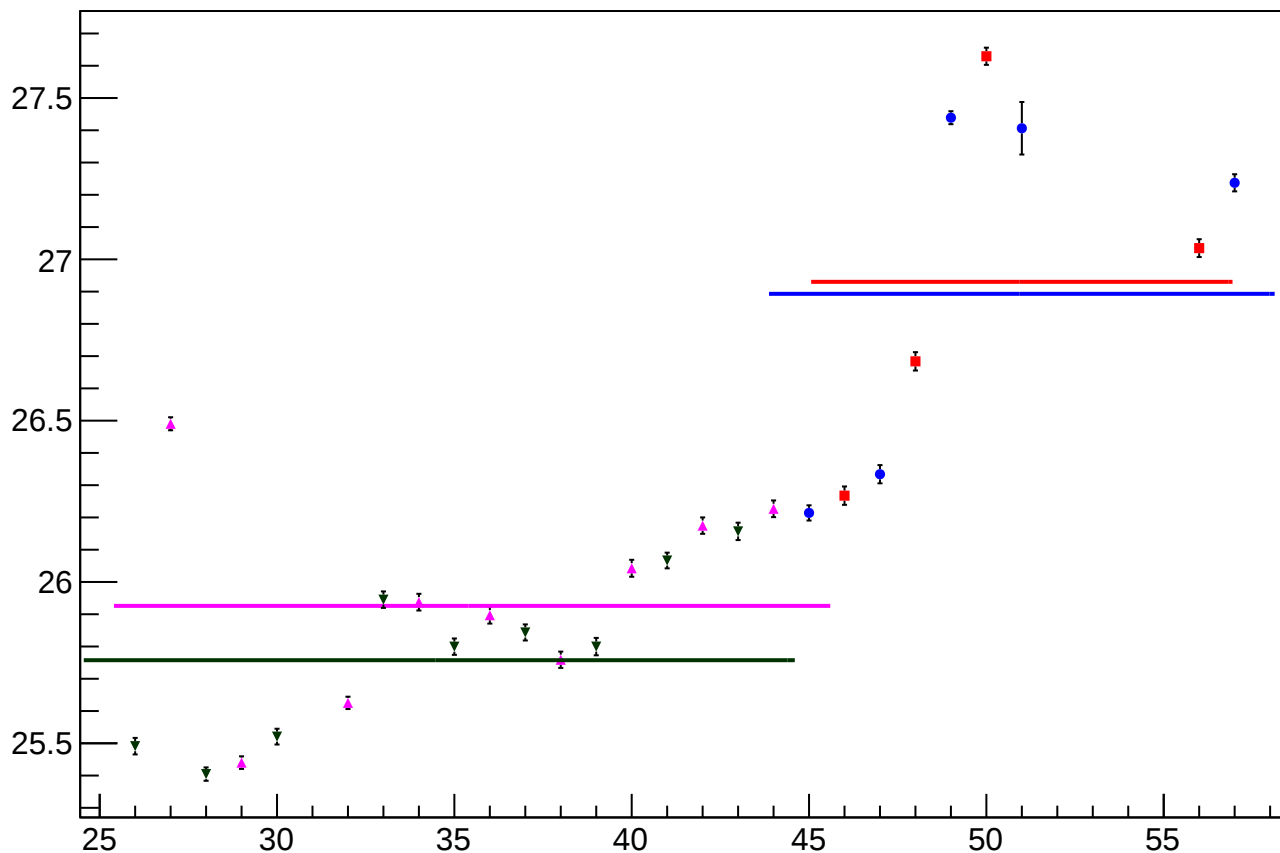
Right Out: 10.511 $\pm$ 19.643 χ^2 /NDF: 3.1/3

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

14.295 $\pm$ 9.591 χ^2 /NDF: 11.7/13

1.579 $\pm$ 9.532 χ^2 /NDF: 10.9/12

reg_asym_right_dd_rms vs slug



Right In: 26.893 $\pm$ 0.012 χ^2 /NDF: 2164.7/4

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

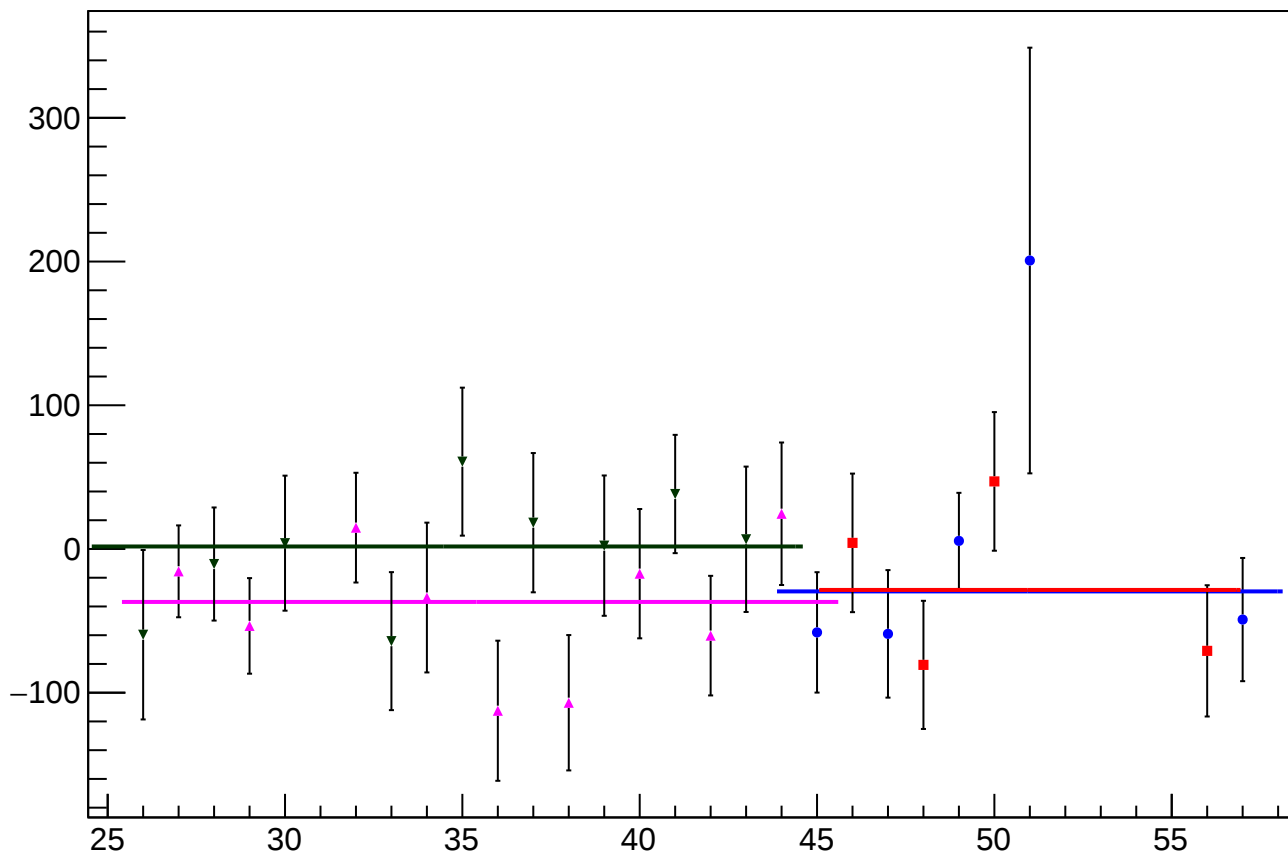
Right Out: 26.930 $\pm$ 0.014 χ^2 /NDF: 1320.3/3

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

26.128 $\pm$ 0.007 χ^2 /NDF: 9270.2/13

26.162 $\pm$ 0.007 χ^2 /NDF: 7258.7/12

asym_right_dd_correction_mean vs slug



Right In: -29.518 ± 19.757 χ^2/NDF : 4.6/4

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

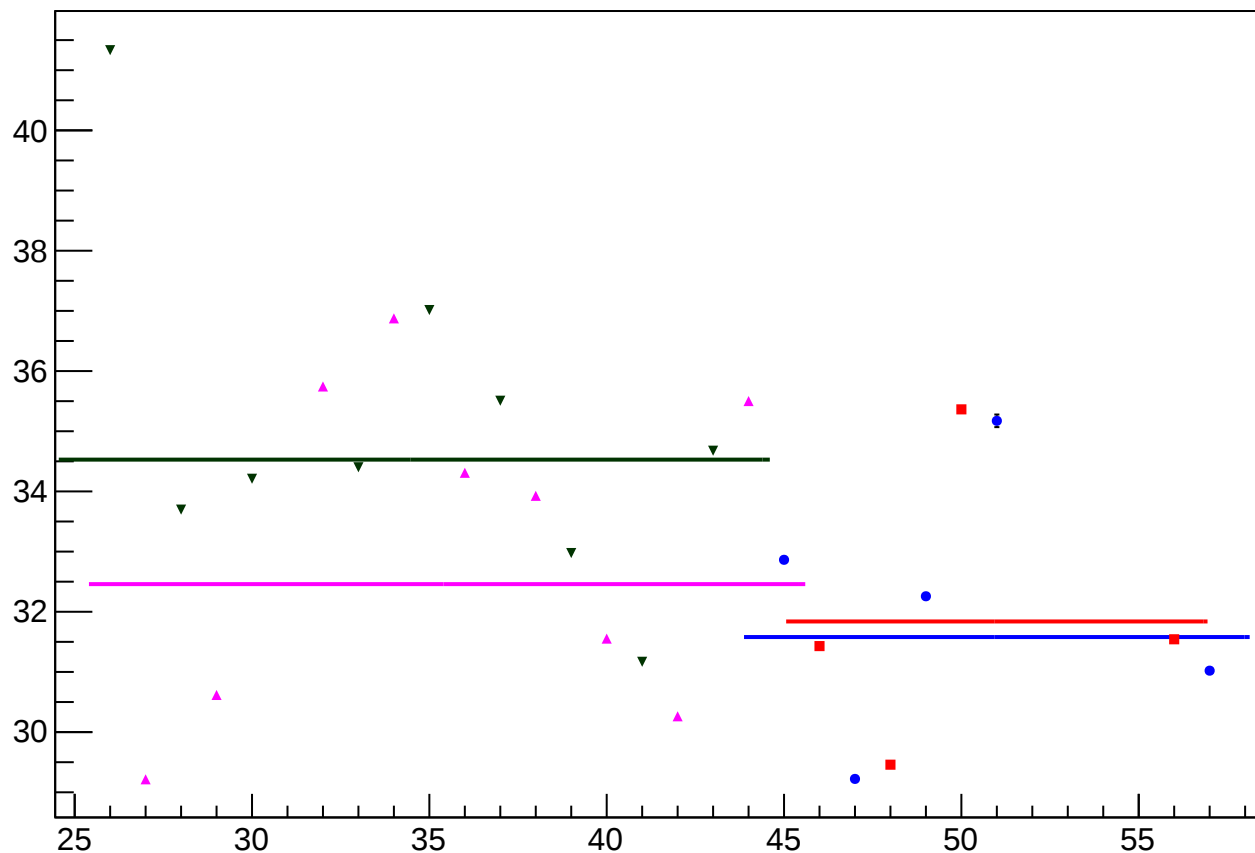
Right Out: -28.501 ± 23.296 χ^2/NDF : 5.1/3

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

-10.418 ± 12.322 χ^2/NDF : 11.5/13

-34.692 ± 11.843 χ^2/NDF : 14.4/12

asym_right_dd_correction_rms vs slug



Right In: 31.580 ± 0.014 $\chi^2/\text{NDF}: 9864.1/4$

Left Out: 34.528 ± 0.011 $\chi^2/\text{NDF}: 48487.1/8$

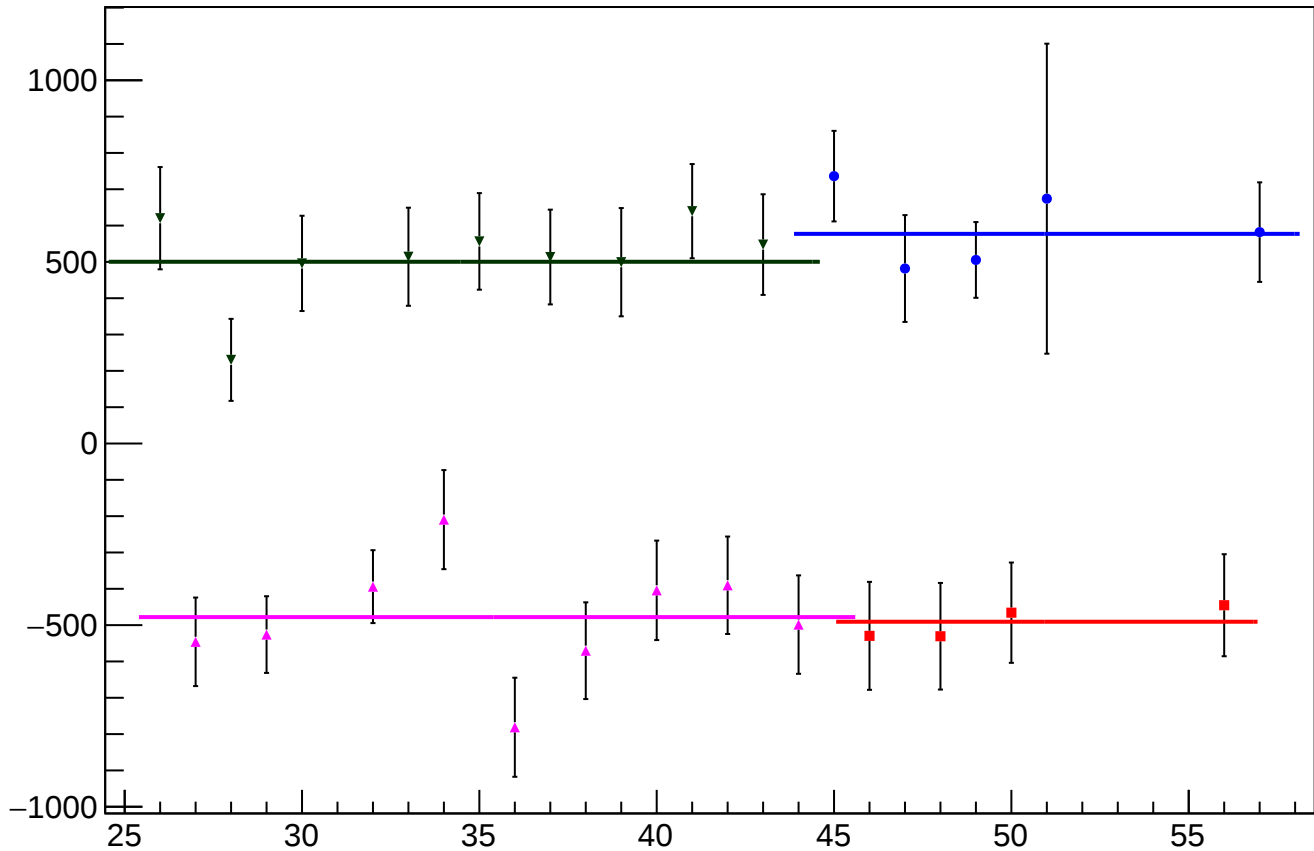
Right Out: 31.839 ± 0.016 $\chi^2/\text{NDF}: 16609.5/3$

Left In: 32.459 ± 0.010 $\chi^2/\text{NDF}: 74635.6/8$

33.382 ± 0.009 $\chi^2/\text{NDF}: 85568.6/13$

32.299 ± 0.008 $\chi^2/\text{NDF}: 92297.5/12$

reg_asym_us_avg_mean vs slug



Right In: 577.188 ± 61.857 $\chi^2/\text{NDF}: 2.6/4$

Left Out: 500.356 ± 44.116 $\chi^2/\text{NDF}: 7.9/8$

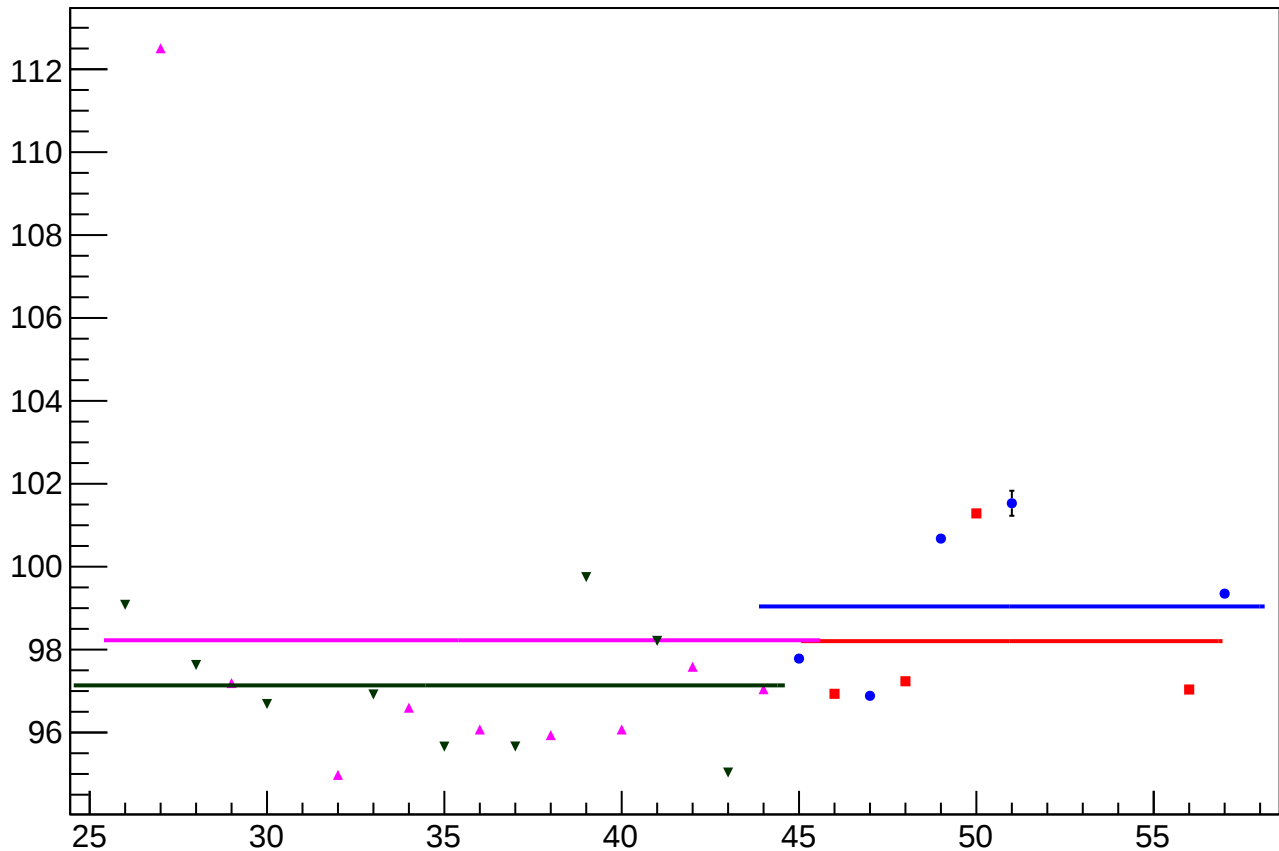
Right Out: -490.662 ± 71.640 $\chi^2/\text{NDF}: 0.3/3$

Left In: -477.865 ± 41.389 $\chi^2/\text{NDF}: 11.3/8$

526.260 ± 35.917 $\chi^2/\text{NDF}: 11.5/13$

-481.067 ± 35.838 $\chi^2/\text{NDF}: 11.6/12$

reg_asym_us_avg_rms vs slug



Right In: 99.041+/-0.044 χ^2 /NDF: 1204.5/4

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

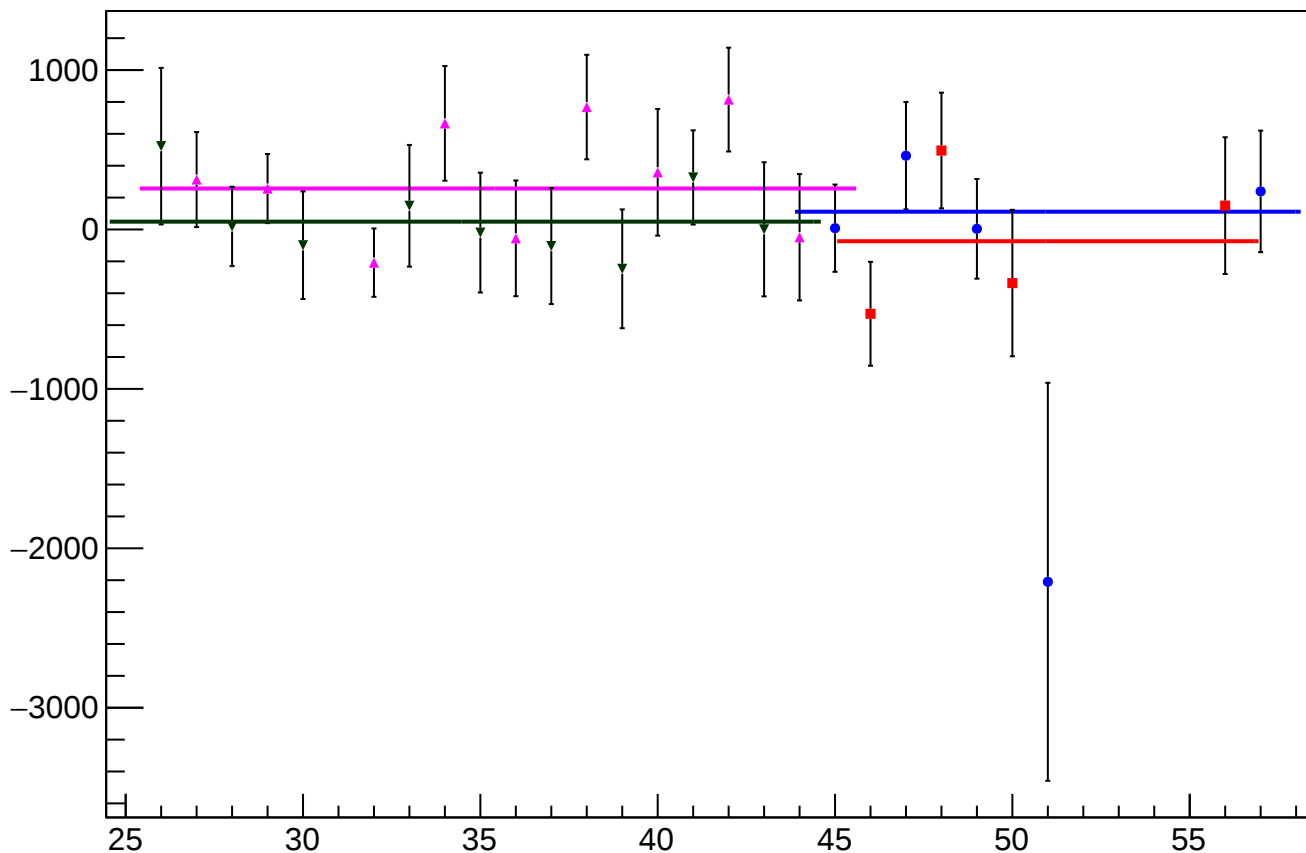
Right Out: 98.204+/-0.051 χ^2 /NDF: 1367.3/3

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

97.779+/-0.025 χ^2 /NDF: 4623.7/13

98.220+/-0.025 χ^2 /NDF: 33184.9/12

asym_us_avg_correction_mean vs slug



Right In: 111.563 $\pm$ 158.262 χ^2 /NDF: 4.9/4

Left Out: 49.096 $\pm$ 115.577 χ^2 /NDF:2.9/8

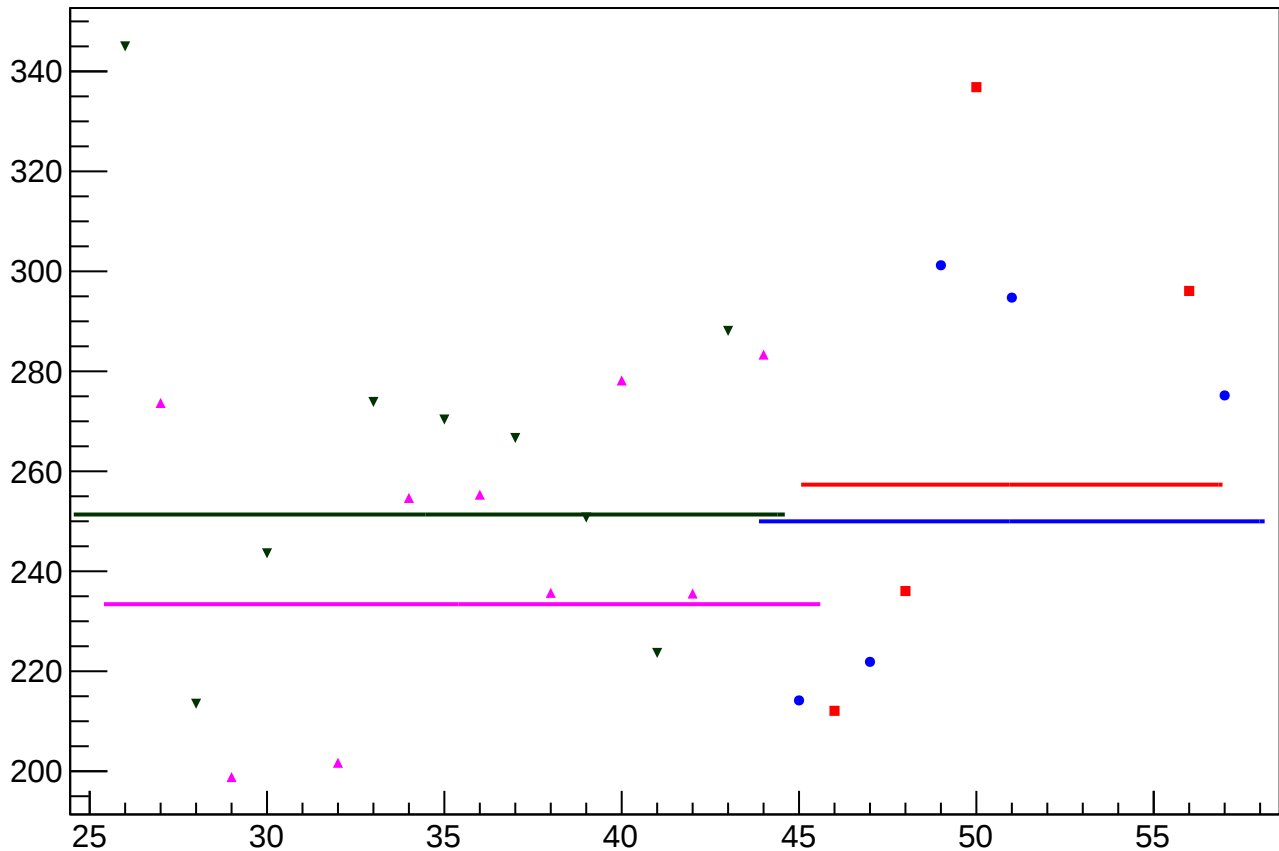
Right Out: -73.569 $\pm$ 191.778 χ^2 /NDF: 5.0/3

Left In: 257.038 $\pm$ 99.480 χ^2 /NDF:12.8/8

70.823 $\pm$ 93.337 χ^2 /NDF: 8.0/13

186.941 $\pm$ 88.306 χ^2 /NDF: 20.1/12

asym_us_avg_correction_rms vs slug



Right In: 249.990+/-0.112 χ^2/NDF : 113198.9/4

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

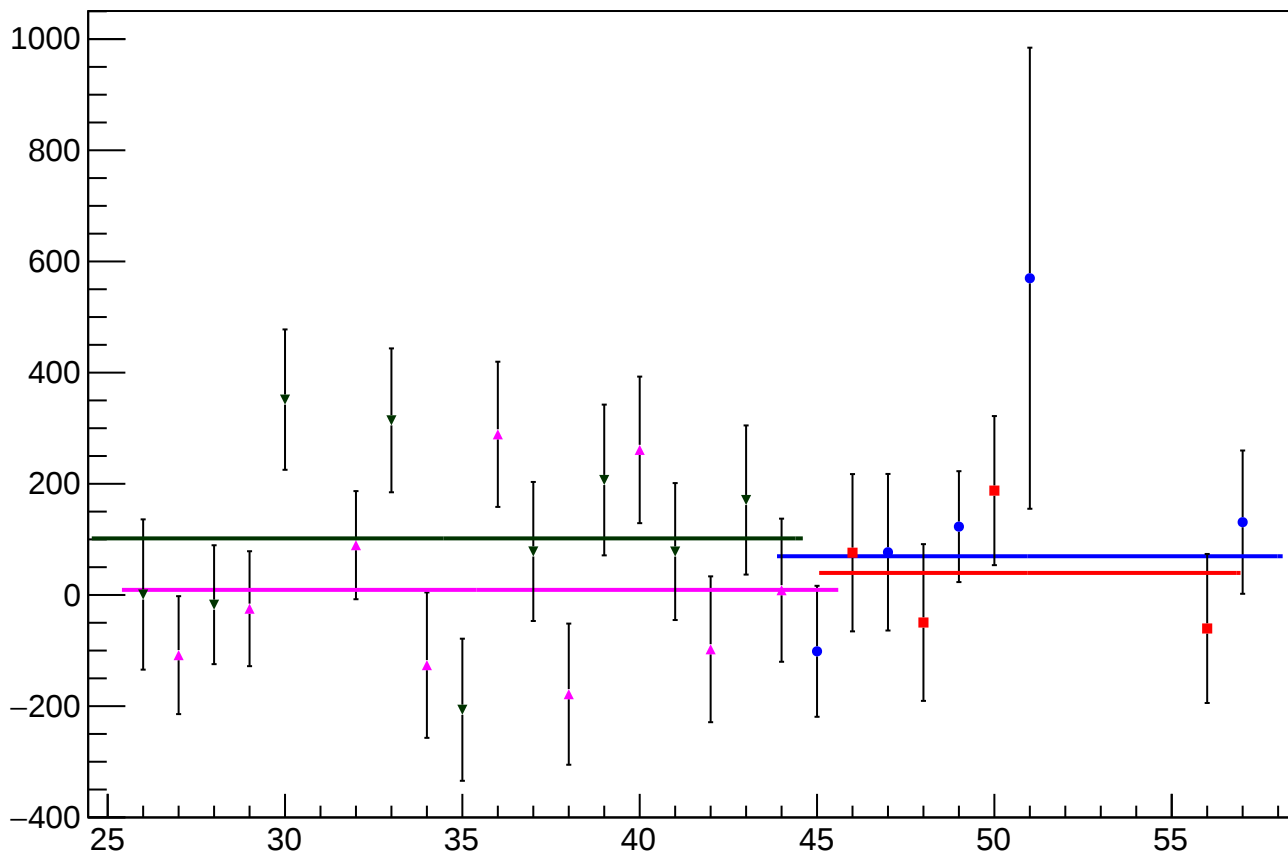
250.881+/-0.066 χ^2/NDF : 281801.6/13

Right Out: 257.328+/-0.136 χ^2/NDF : 121710.2/3

238.486+/-0.062 χ^2/NDF : 348951.4/12

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

reg_asym_us_dd_mean vs slug



Right In: 69.673 ± 58.827 $\chi^2/\text{NDF}: 4.1/4$

Left Out: 101.794 ± 42.049 $\chi^2/\text{NDF}: 15.2/8$

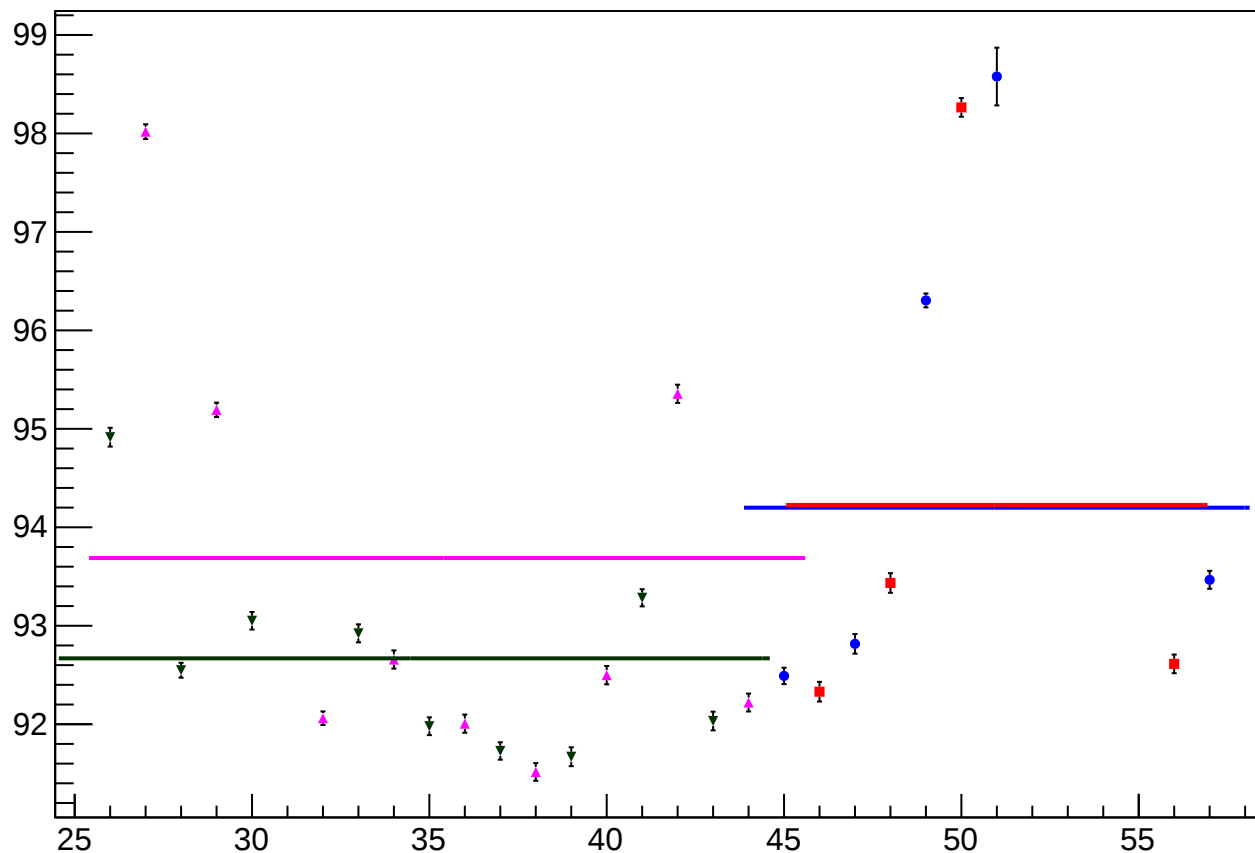
Right Out: 39.670 ± 68.759 $\chi^2/\text{NDF}: 2.2/3$

Left In: 9.181 ± 39.431 $\chi^2/\text{NDF}: 14.2/8$

90.932 ± 34.208 $\chi^2/\text{NDF}: 19.4/13$

16.726 ± 34.206 $\chi^2/\text{NDF}: 16.6/12$

reg_asym_us_dd_rms vs slug



Right In: 94.199+/-0.042 χ^2 /NDF: 1791.4/4

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

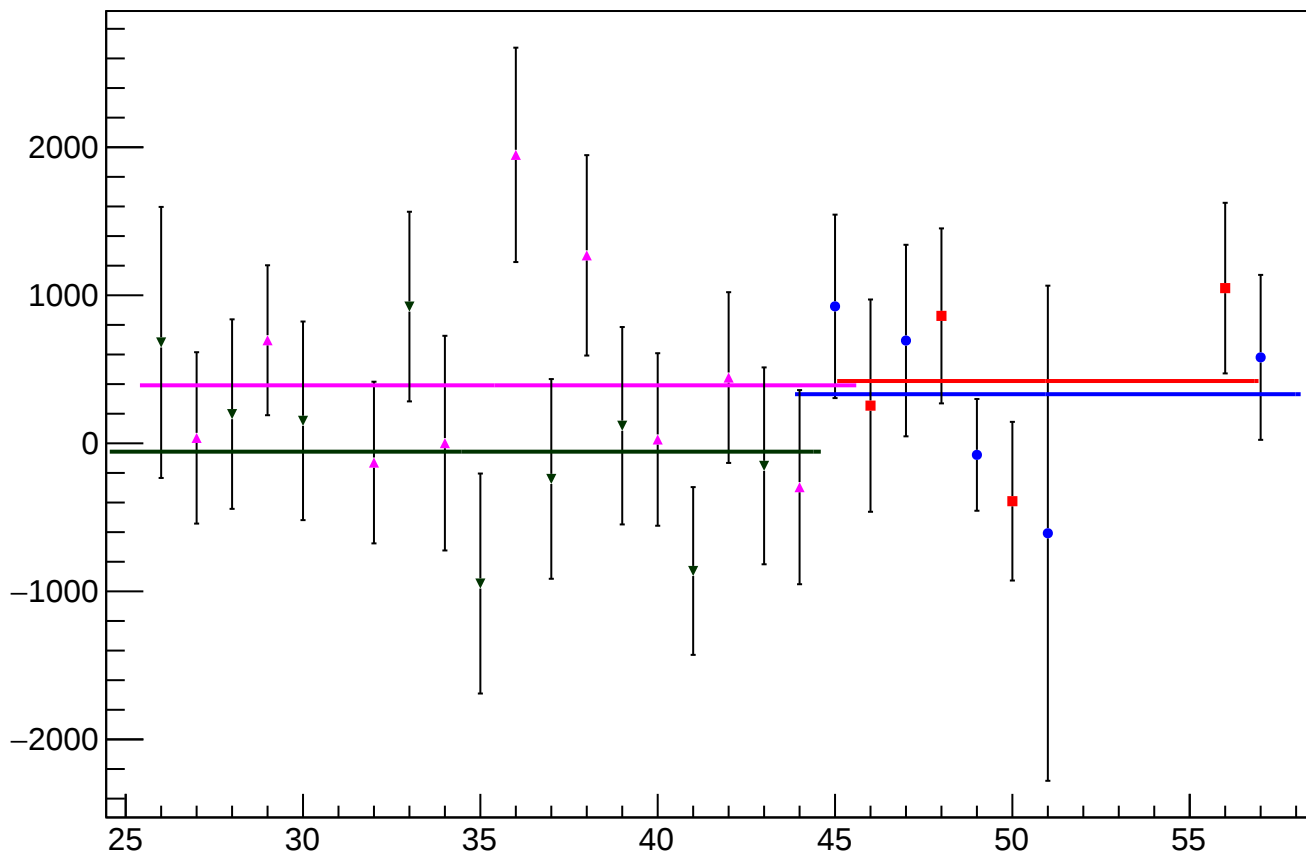
Right Out: 94.227+/-0.049 χ^2 /NDF: 2525.4/3

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

93.187+/-0.024 χ^2 /NDF: 3642.6/13

93.821+/-0.024 χ^2 /NDF: 8720.1/12

asym_us_dd_correction_mean vs slug



Right In: 331.881 $\pm$ 253.244 χ^2 /NDF: 2.9/4

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

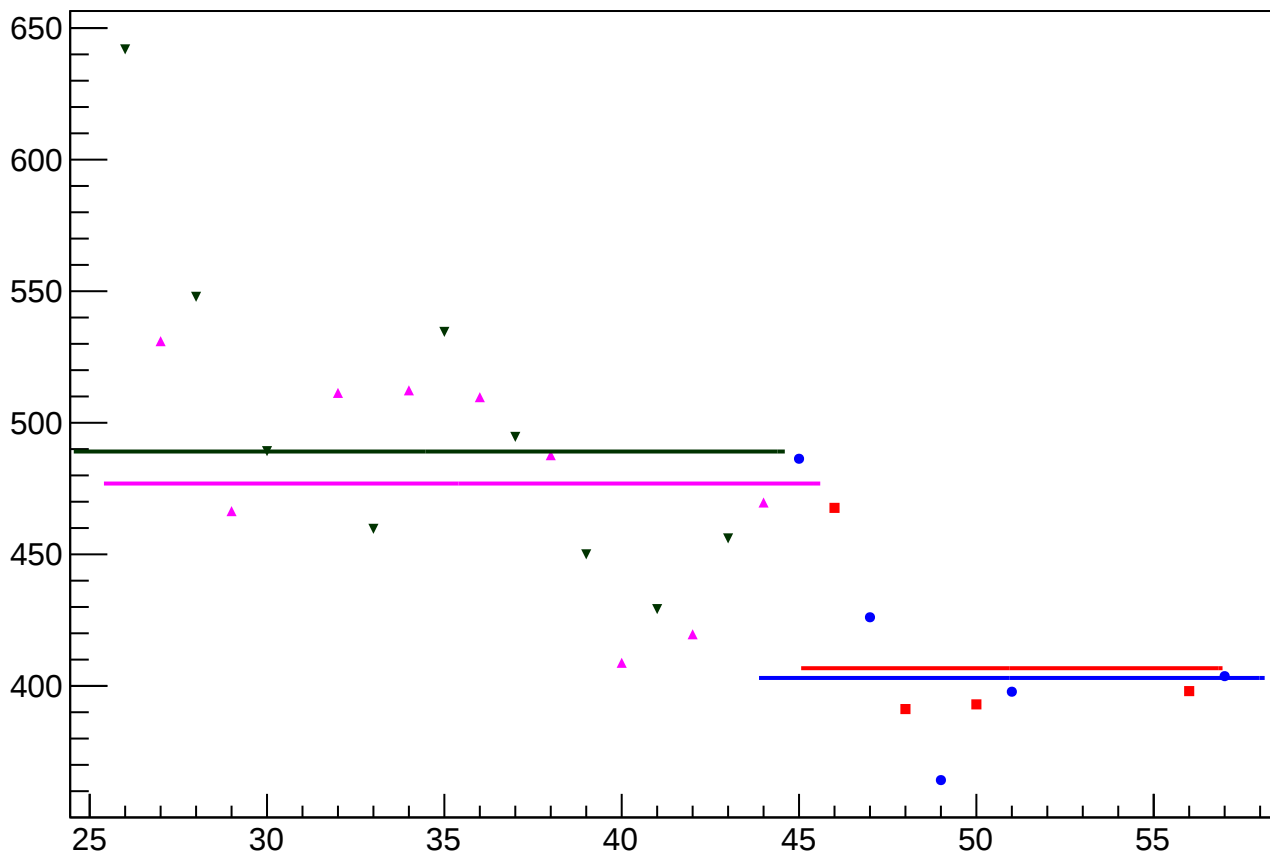
Right Out: 420.894 $\pm$ 297.469 χ^2 /NDF: 4.1/3

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

114.095 $\pm$ 167.789 χ^2 /NDF: 11.1/13

401.015 $\pm$ 167.114 χ^2 /NDF: 13.8/12

asym_us_dd_correction_rms vs slug



Right In: 403.029+/-0.179 χ^2/NDF : 59870.2/4

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

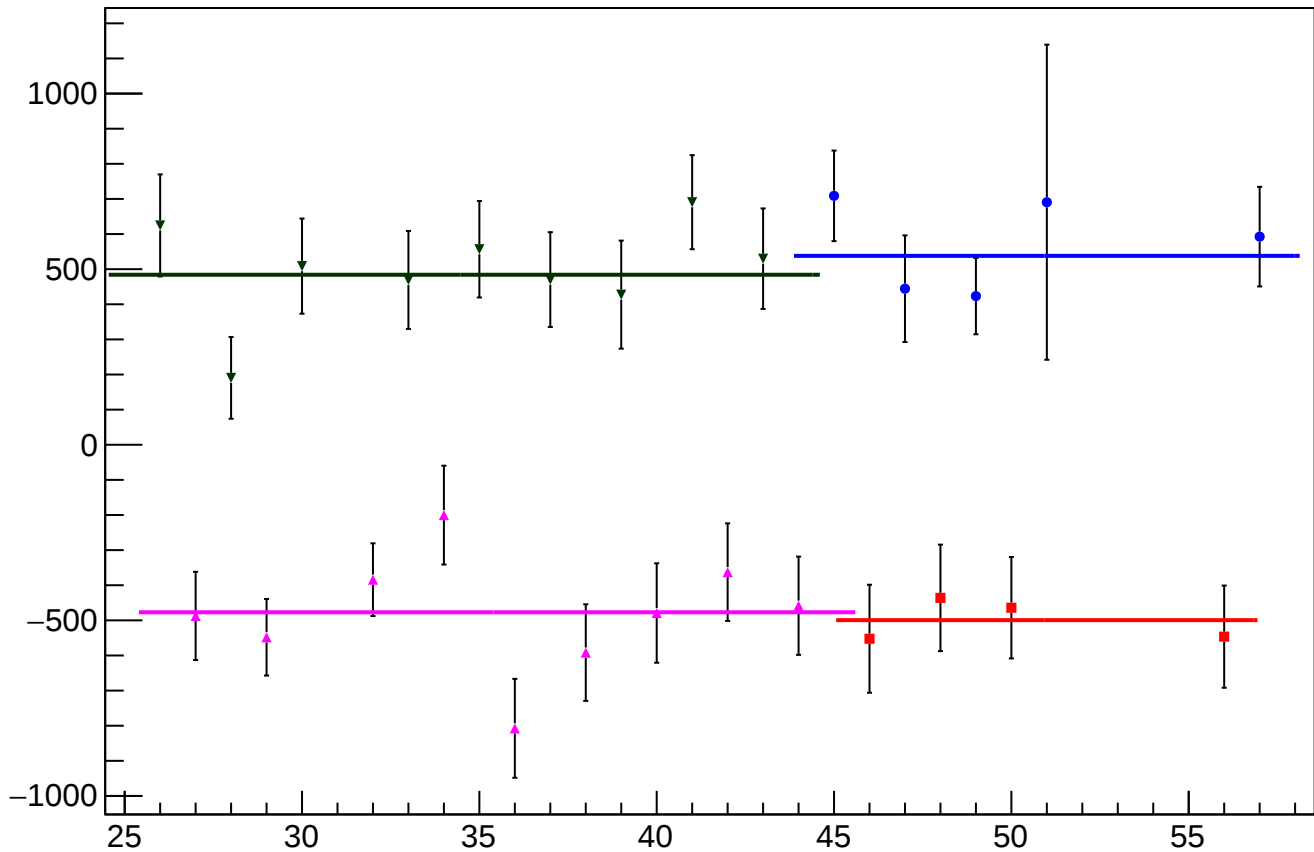
Right Out: 406.734+/-0.210 χ^2/NDF : 17592.6/3

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

451.306+/-0.119 χ^2/NDF : 308001.5/13

454.765+/-0.118 χ^2/NDF : 176756.6/12

reg_asym_ds_avg_mean vs slug



Right In: 537.912 $\pm$ 64.166 χ^2/NDF : 3.5/4

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

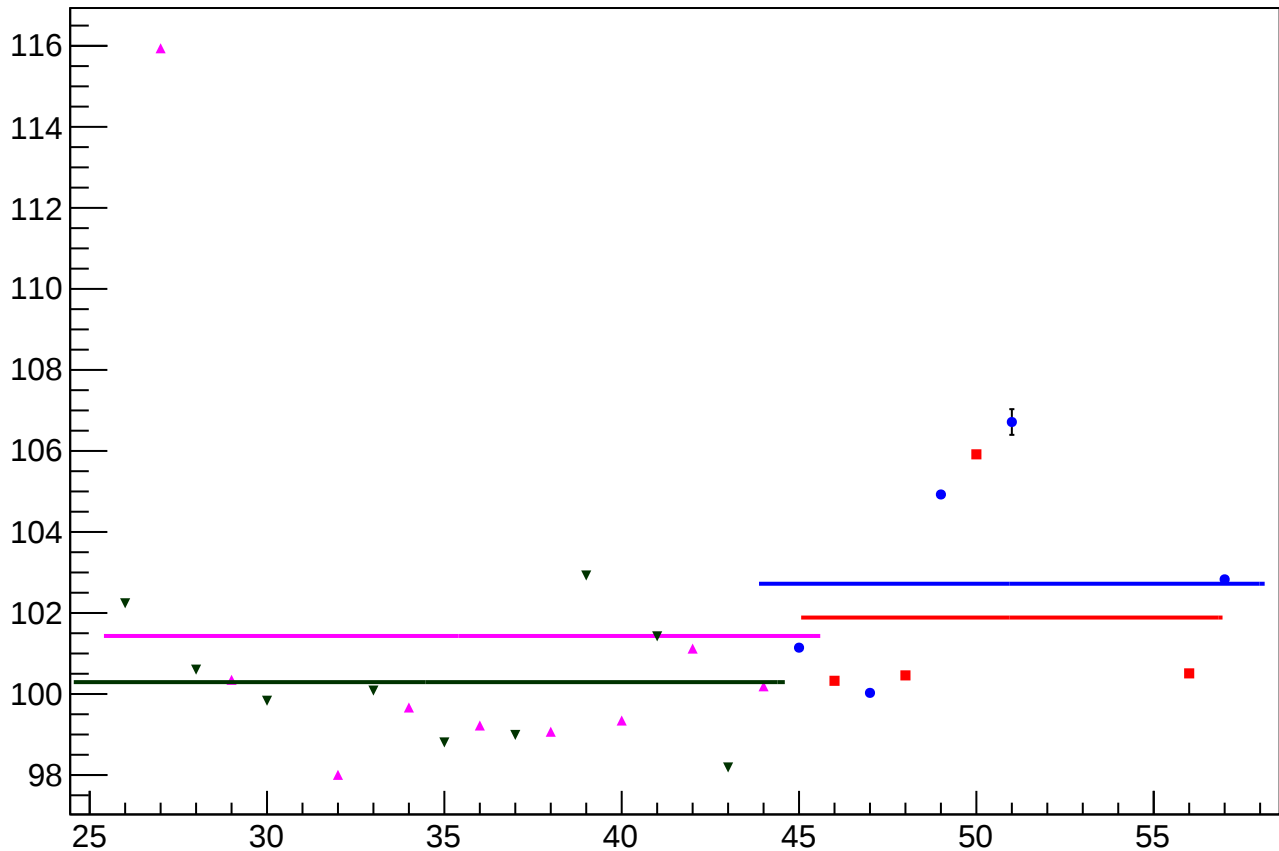
Right Out: -499.454 $\pm$ 74.339 χ^2/NDF : 0.5/3

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

502.143 $\pm$ 37.145 χ^2/NDF : 14.2/13

-482.540 $\pm$ 37.054 χ^2/NDF : 12.5/12

reg_asym_ds_avg_rms vs slug



Right In: 102.722 ± 0.045 χ^2/NDF : 1910.9/4

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

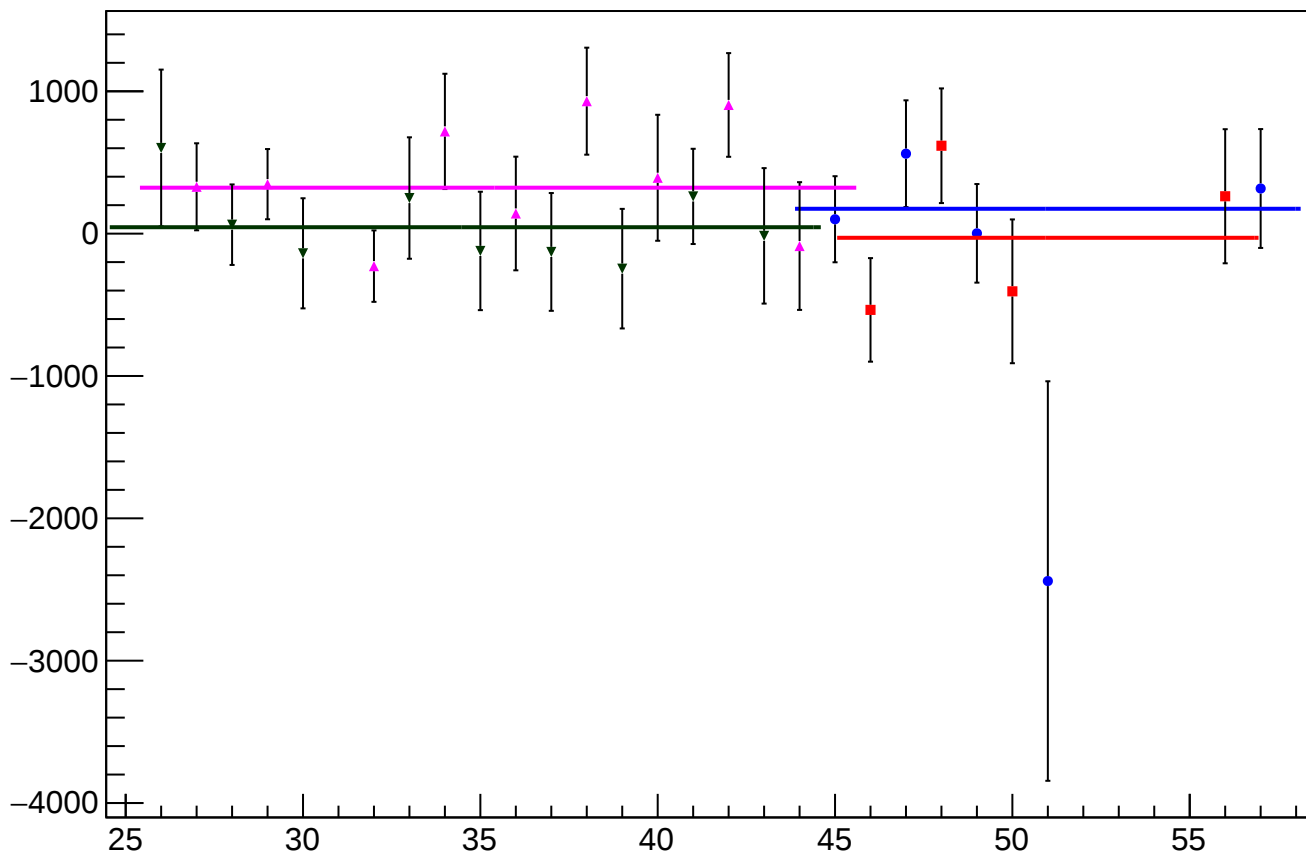
Right Out: 101.887 ± 0.053 χ^2/NDF : 2119.5/3

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

101.107 ± 0.026 χ^2/NDF : 5799.2/13

101.546 ± 0.026 χ^2/NDF : 33258.5/12

asym_ds_avg_correction_mean vs slug



Right In: 174.663+/-175.049 χ^2/NDF : 5.0/4

Left Out: 45.072+/-130.602 χ^2/NDF : 2.7/8

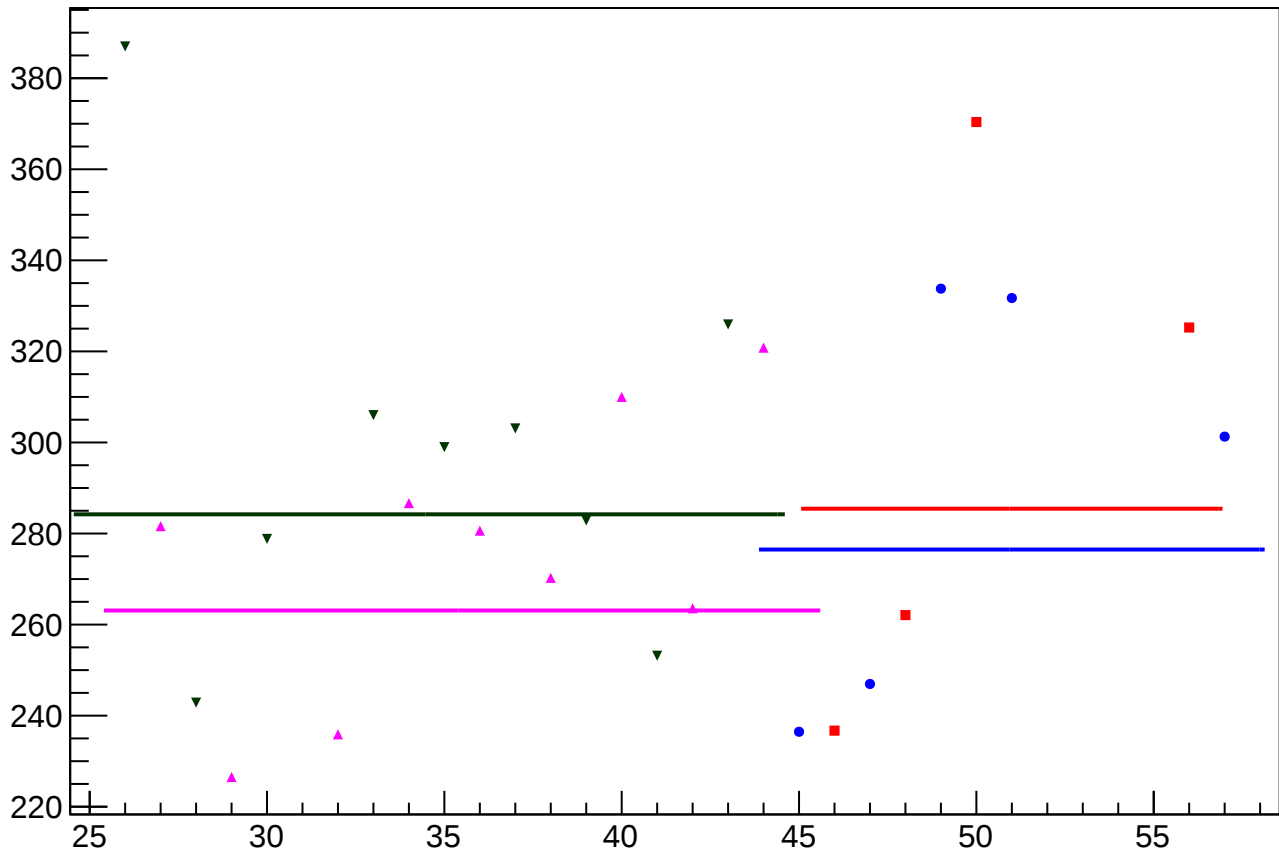
Right Out: -29.194+/-212.487 χ^2/NDF : 5.5/3

Left In: 322.770+/-111.748 χ^2/NDF : 12.0/8

91.413+/-104.678 χ^2/NDF : 8.0/13

246.516+/-98.904 χ^2/NDF : 19.6/12

asym_ds_avg_correction_rms vs slug



Right In: 276.486+/-0.124 χ^2/NDF : 112337.7/4

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

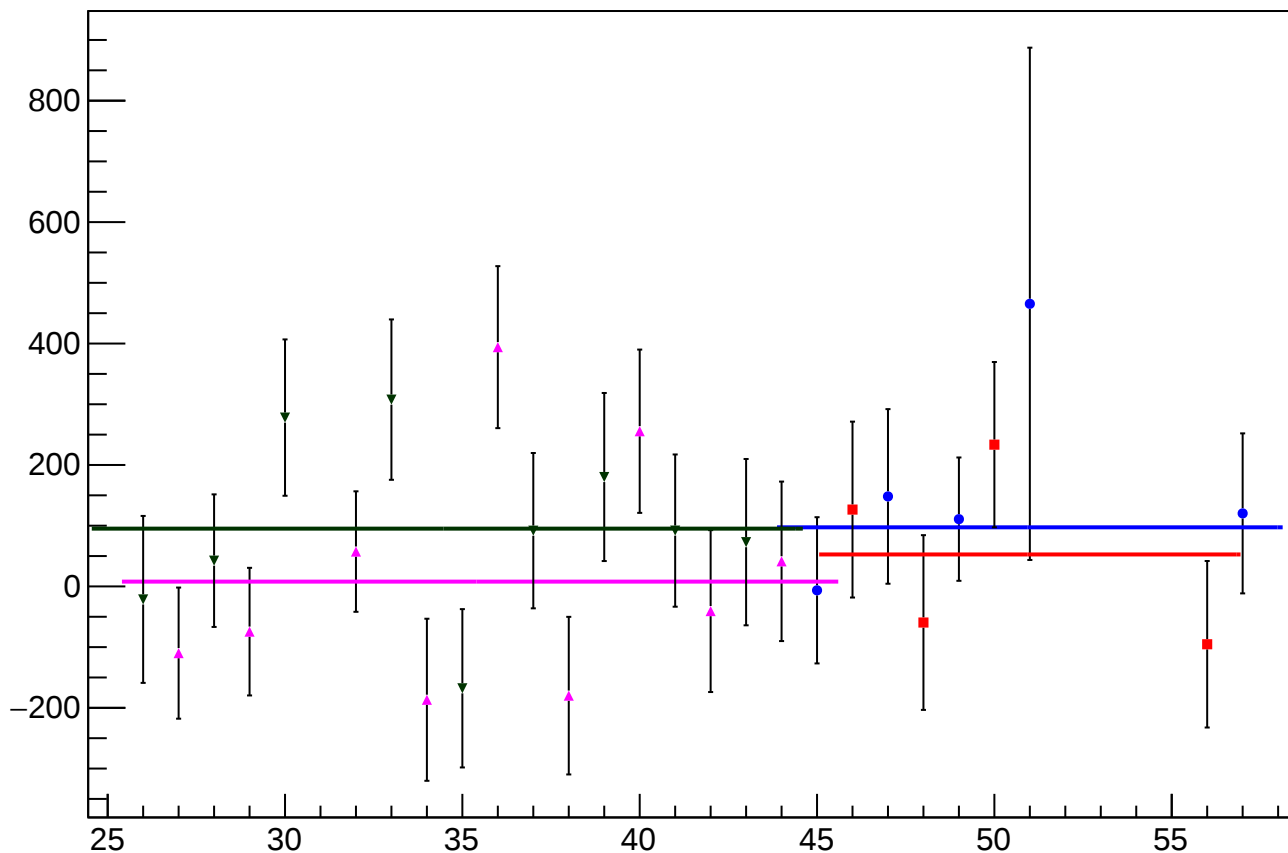
Right Out: 285.449+/-0.150 χ^2/NDF : 113457.3/3

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

281.453+/-0.074 χ^2/NDF : 272182.1/13

267.939+/-0.070 χ^2/NDF : 272549.0/12

reg_asym_ds_dd_mean vs slug



Right In: 97.323 ± 60.033 χ^2/NDF : 1.7/4

Left Out: 95.153 ± 42.894 χ^2/NDF : 10.0/8

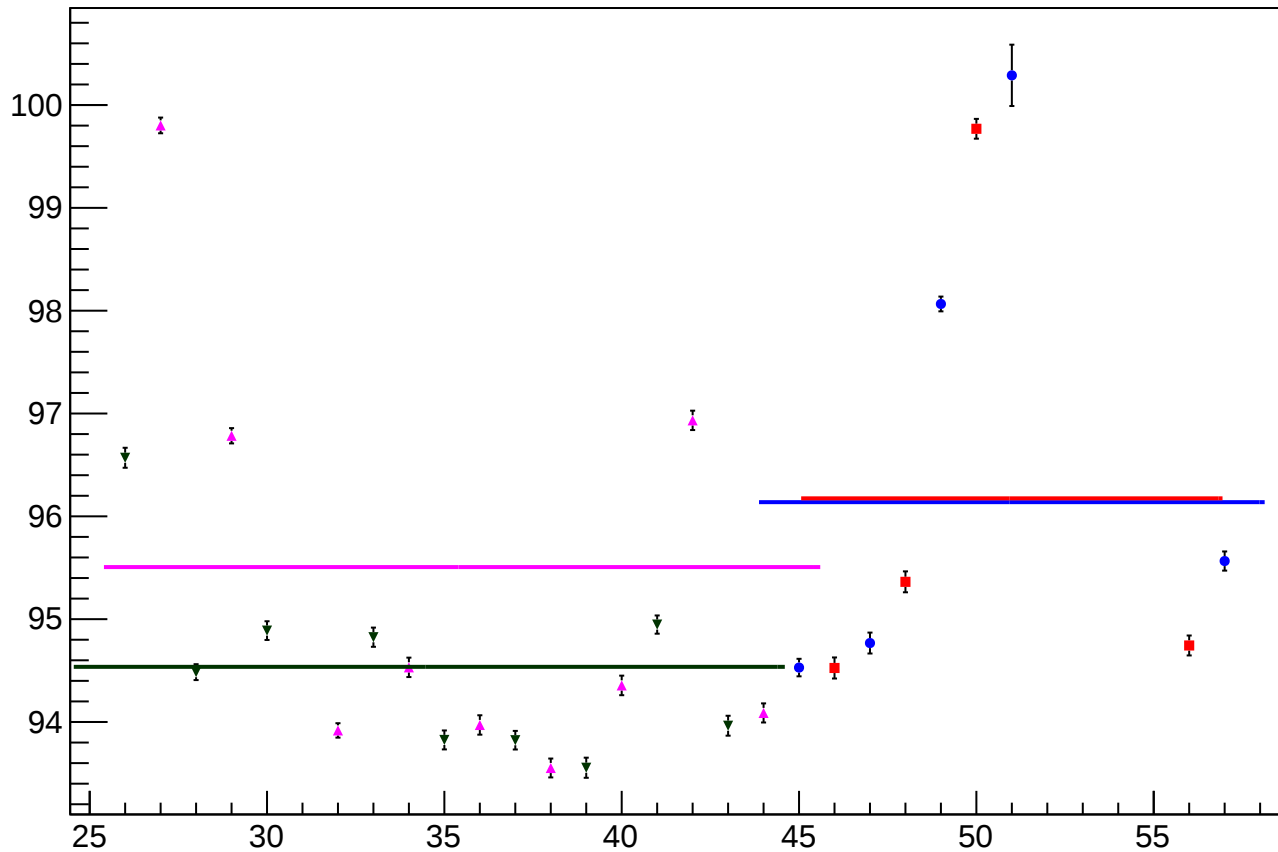
Right Out: 52.633 ± 70.171 χ^2/NDF : 3.8/3

Left In: 7.892 ± 40.192 χ^2/NDF : 18.2/8

95.887 ± 34.900 χ^2/NDF : 11.7/13

18.944 ± 34.876 χ^2/NDF : 22.3/12

reg_asym_ds_dd_rms vs slug



Right In: 96.138 ± 0.042 χ^2/NDF : 1490.3/4

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

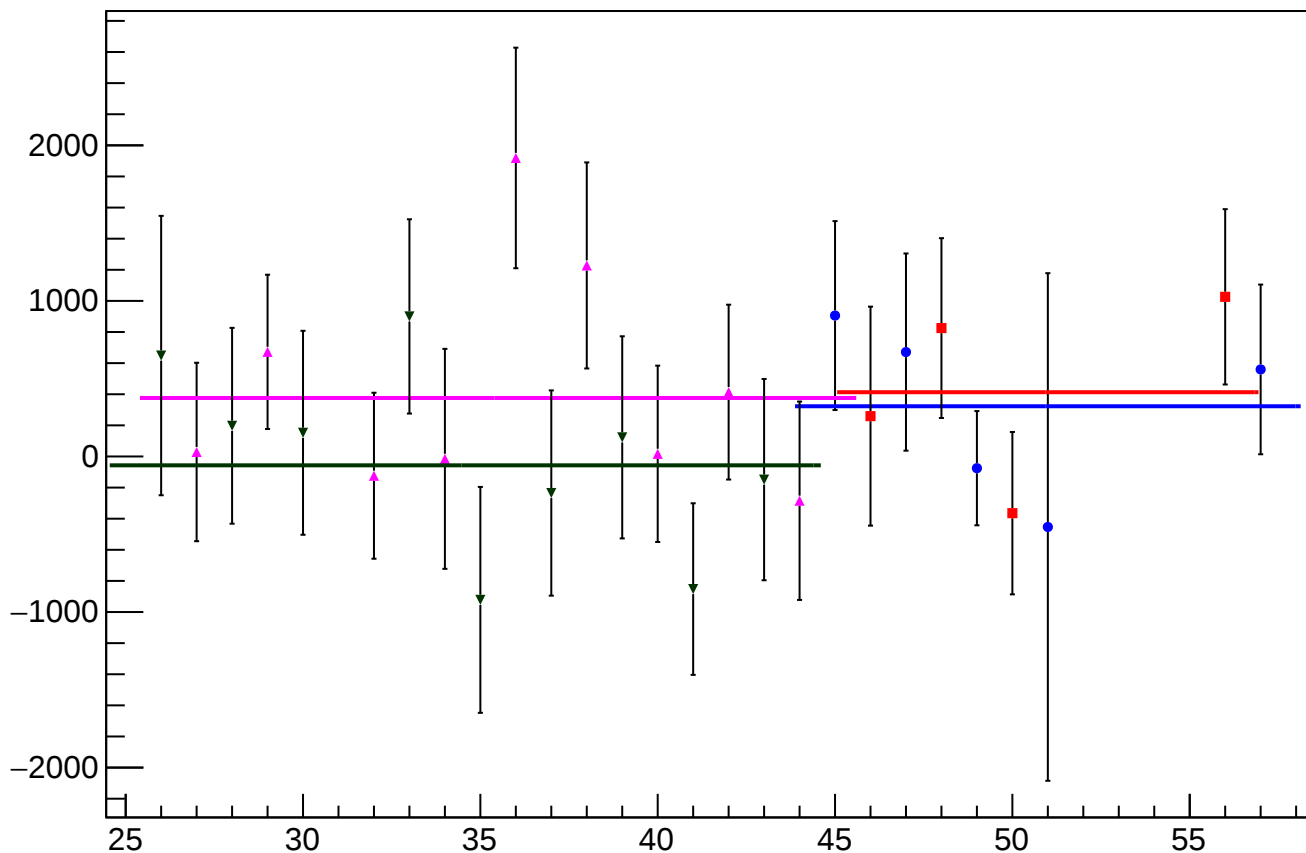
95.078 ± 0.025 χ^2/NDF : 3173.6/13

Right Out: 96.175 ± 0.050 χ^2/NDF : 1935.0/3

95.672 ± 0.025 χ^2/NDF : 7477.3/12

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

asym_ds_dd_correction_mean vs slug



Right In: 322.777 $\pm$ 247.271 χ^2/NDF : 2.8/4

Left Out: -56.903 $\pm$ 218.768 χ^2/NDF : 6.9/8

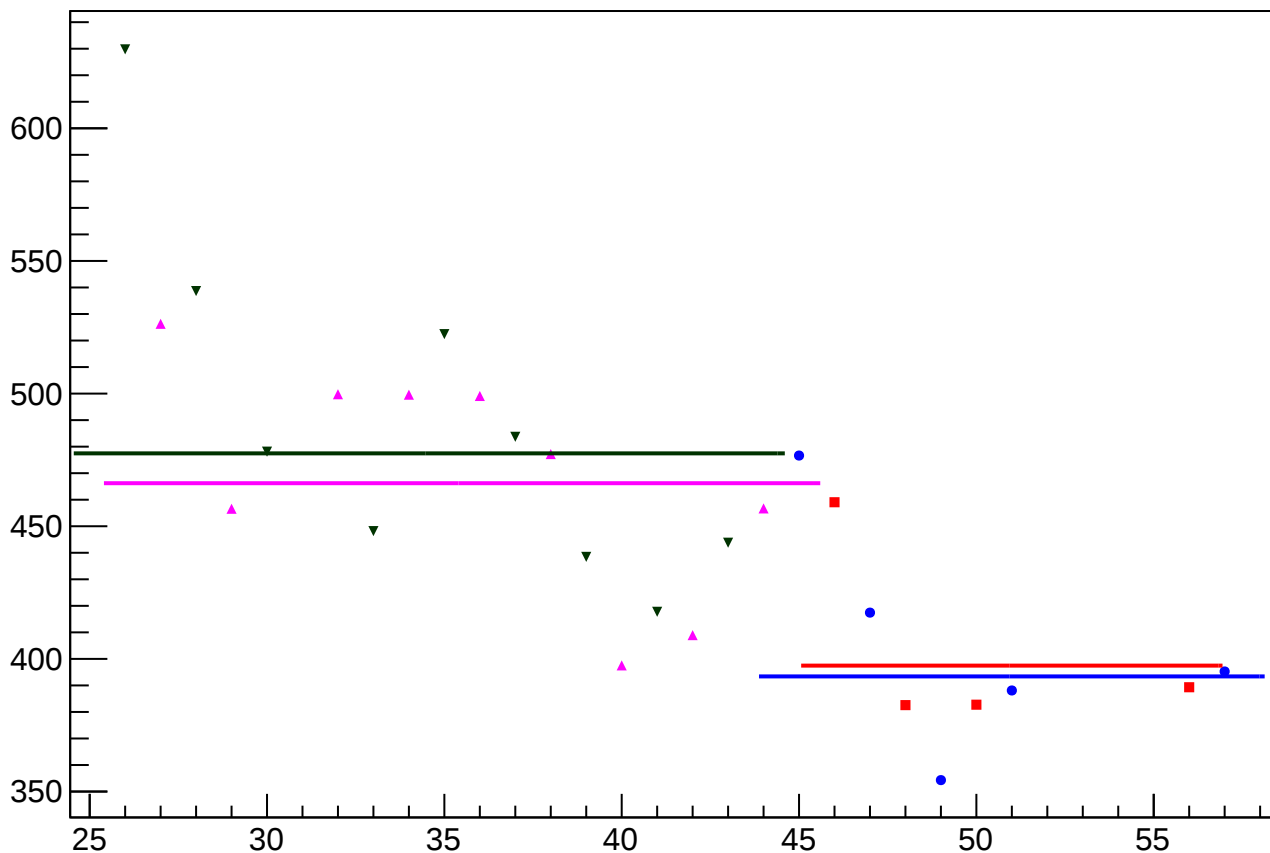
Right Out: 413.080 $\pm$ 290.735 χ^2/NDF : 4.0/3

Left In: 376.012 $\pm$ 197.531 χ^2/NDF : 9.8/8

109.802 $\pm$ 163.847 χ^2/NDF : 11.0/13

387.719 $\pm$ 163.388 χ^2/NDF : 13.7/12

asym_ds_dd_correction_rms vs slug



Right In: 393.397 ± 0.175 χ^2/NDF : 63176.8/4

Left Out: 477.470 ± 0.155 χ^2/NDF : 124730.4/8

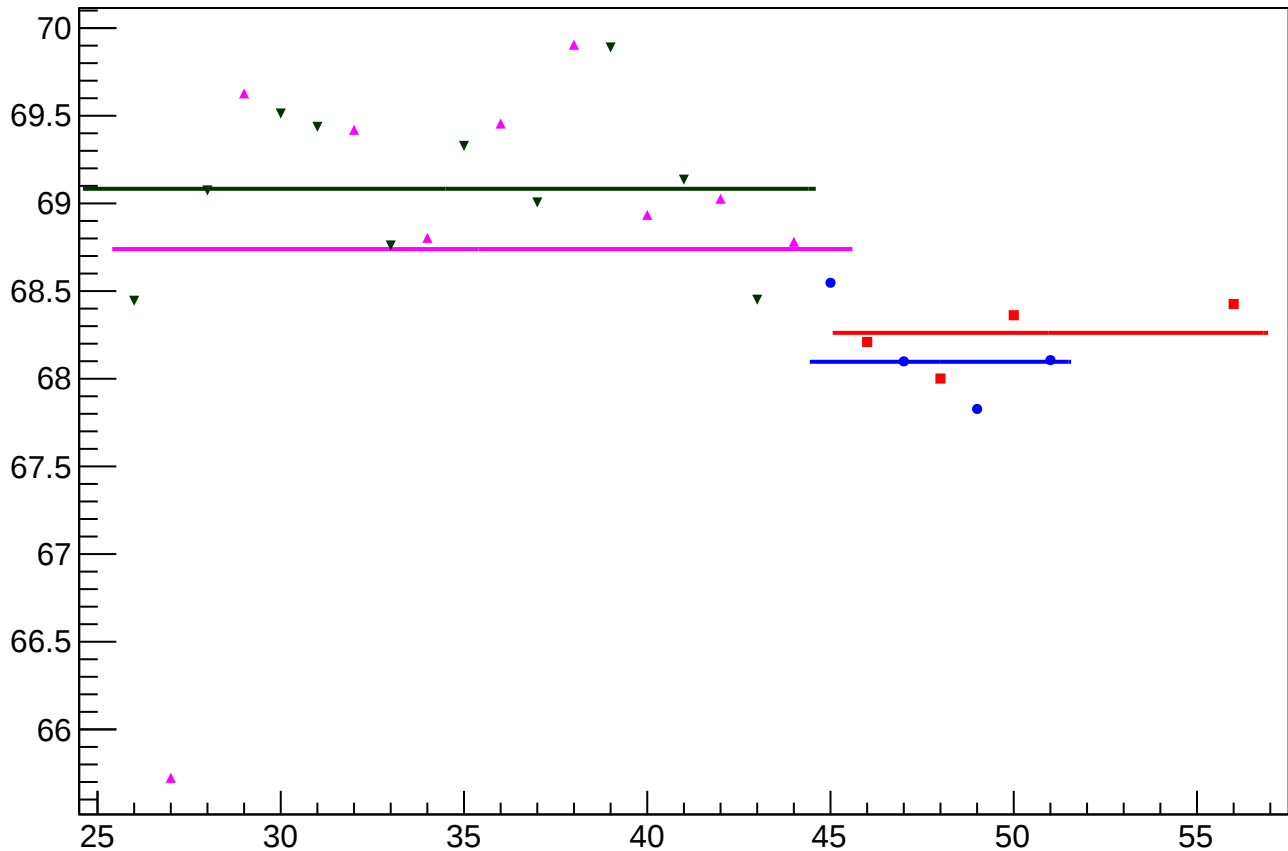
Right Out: 397.467 ± 0.206 χ^2/NDF : 18647.9/3

Left In: 466.224 ± 0.140 χ^2/NDF : 90489.0/8

440.557 ± 0.116 χ^2/NDF : 317599.2/13

444.509 ± 0.116 χ^2/NDF : 185668.3/12

yield_bcm_an_ds_mean vs slug



Right In: 68.097 $\pm$ 0.000 χ^2 /NDF: 4463011.8/3

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

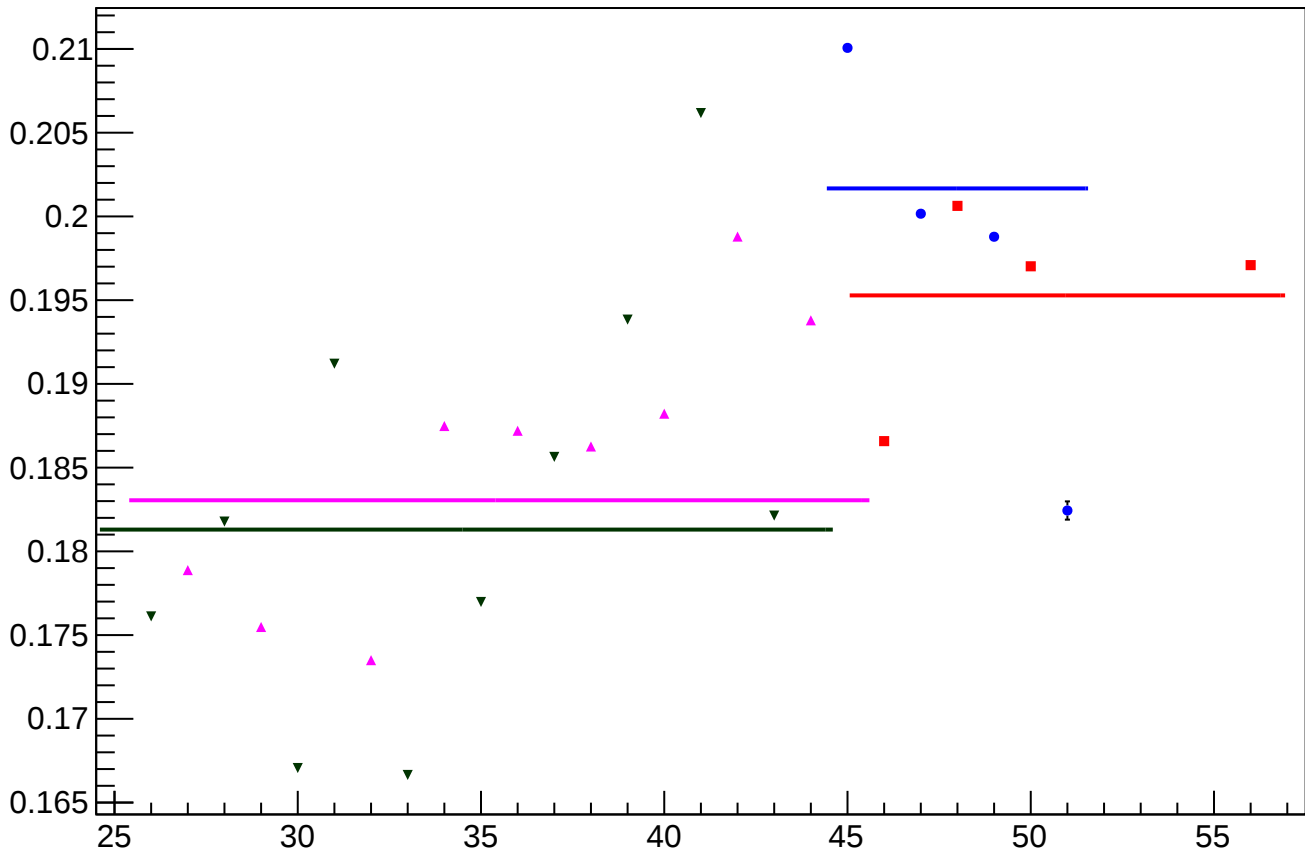
Right Out: 68.262 $\pm$ 0.000 χ^2 /NDF: 1205588.6/3

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

68.842 $\pm$ 0.000 χ^2 /NDF: 67653132.2/13

68.631 $\pm$ 0.000 χ^2 /NDF: 304176153.3/12

yield_bcm_an_ds_rms vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 3612.2/3

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

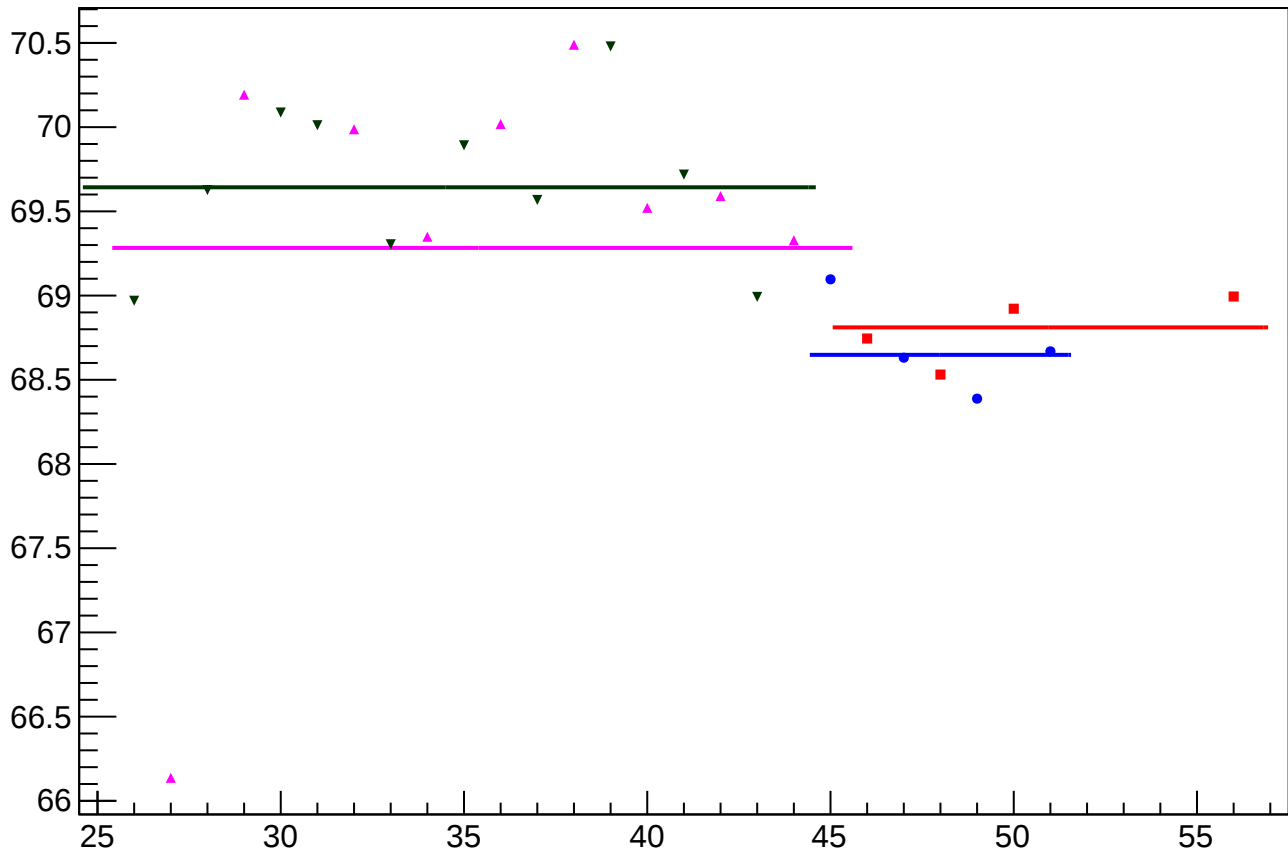
0.186 $\pm$ 0.000 χ^2 /NDF: 73393.9/13

Right Out: 0.195 $\pm$ 0.000 χ^2 /NDF: 2522.3/3

0.186 $\pm$ 0.000 χ^2 /NDF: 34069.7/12

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

yield_bcm_an_ds3_mean vs slug



Right In: 68.648 $\pm$ 0.000 χ^2 /NDF: 4128739.8/3

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

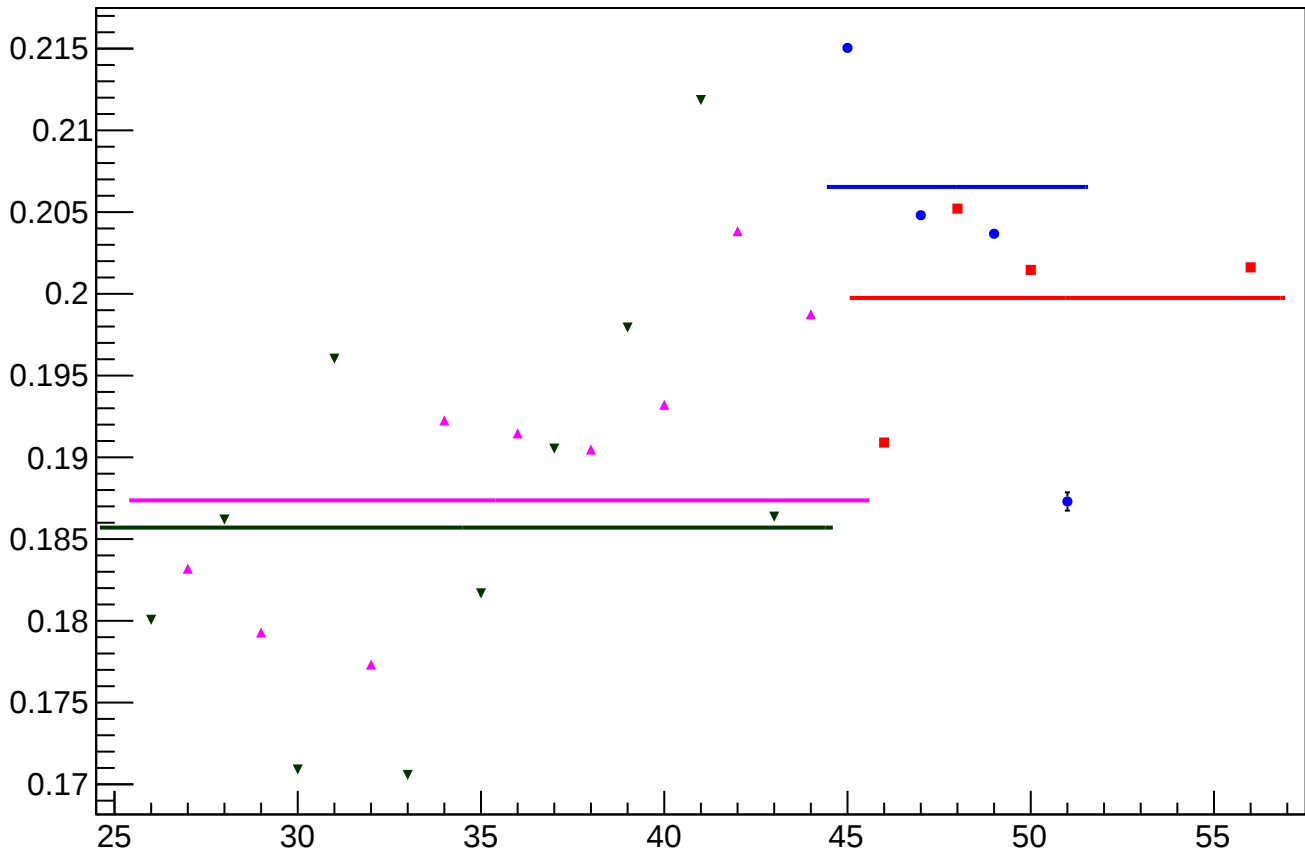
Right Out: 68.811 $\pm$ 0.000 χ^2 /NDF: 1380257.2/3

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

69.400 $\pm$ 0.000 χ^2 /NDF: 67116321.9/13

69.176 $\pm$ 0.000 χ^2 /NDF: 313801396.7/12

yield_bcm_an_ds3_rms vs slug



Right In: 0.207 $\pm$ 0.000 χ^2 /NDF: 3499.4/3

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

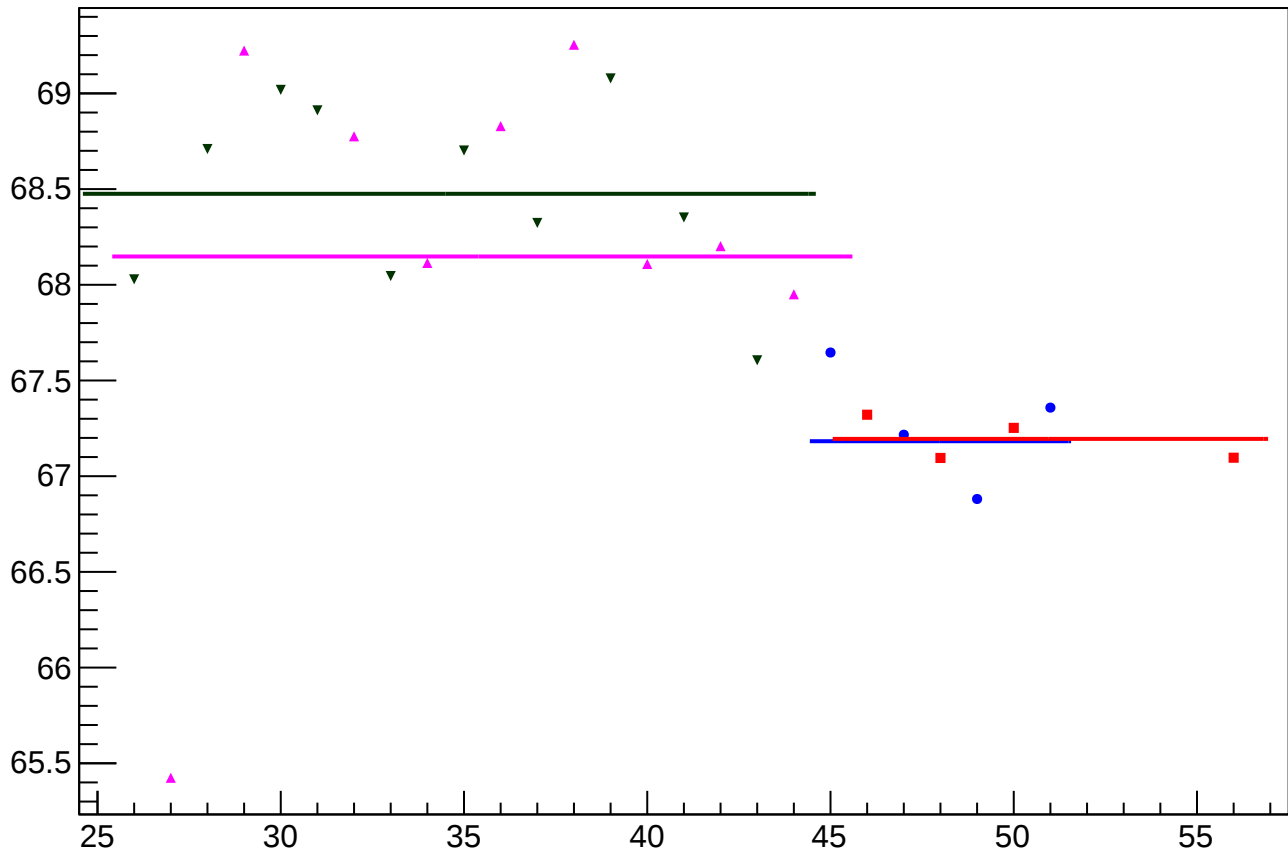
0.191 $\pm$ 0.000 χ^2 /NDF: 74165.1/13

Right Out: 0.200 $\pm$ 0.000 χ^2 /NDF: 2493.9/3

0.190 $\pm$ 0.000 χ^2 /NDF: 34991.3/12

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

yield_bcm_an_us_mean vs slug



Right In: 67.183+/-0.000 χ^2/NDF : 5279859.3/3

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

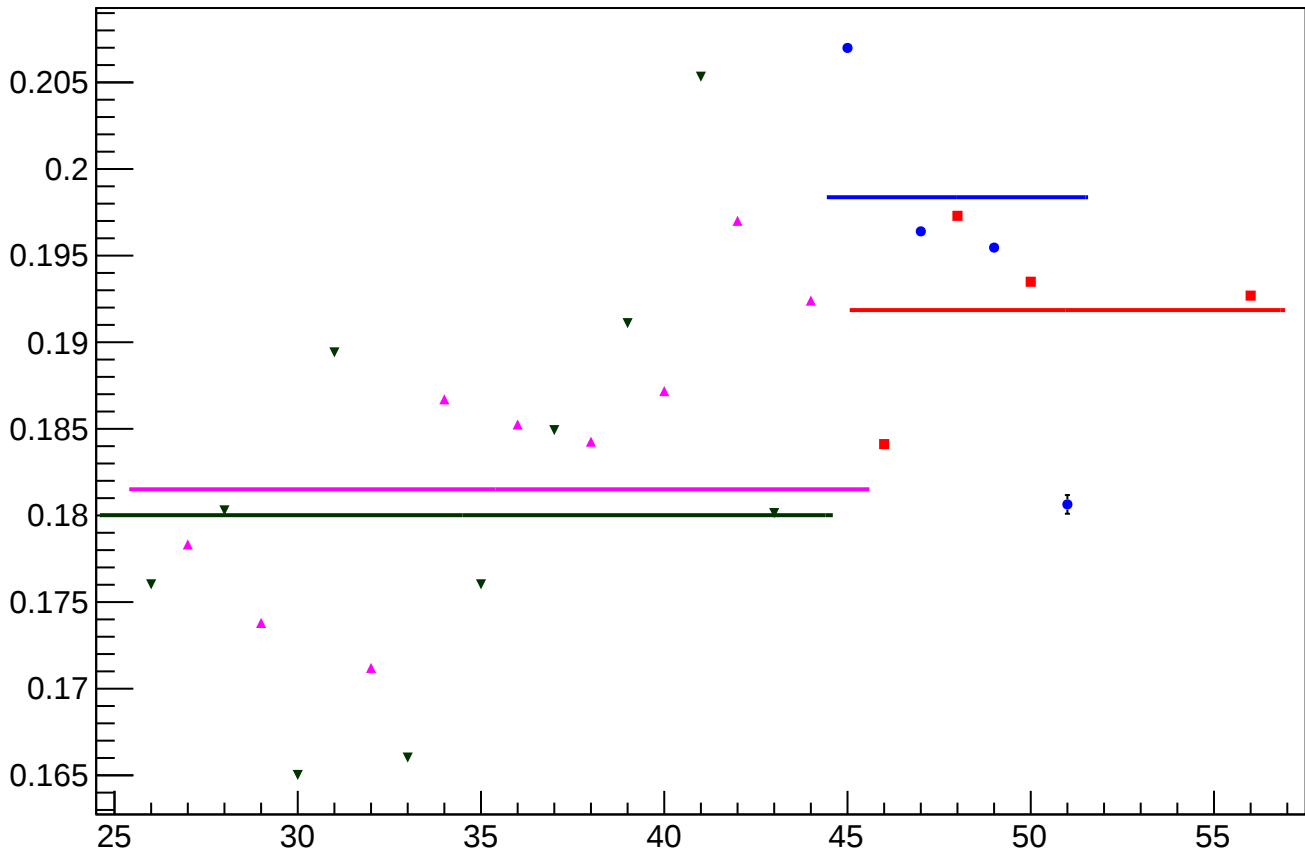
Right Out: 67.195+/-0.000 χ^2/NDF : 466416.3/3

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

68.155+/-0.000 χ^2/NDF : 100537056.1/13

67.928+/-0.000 χ^2/NDF : 293124816.9/12

yield_bcm_an_us_rms vs slug



Right In: 0.198+/-0.000 χ^2/NDF : 3669.4/3

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

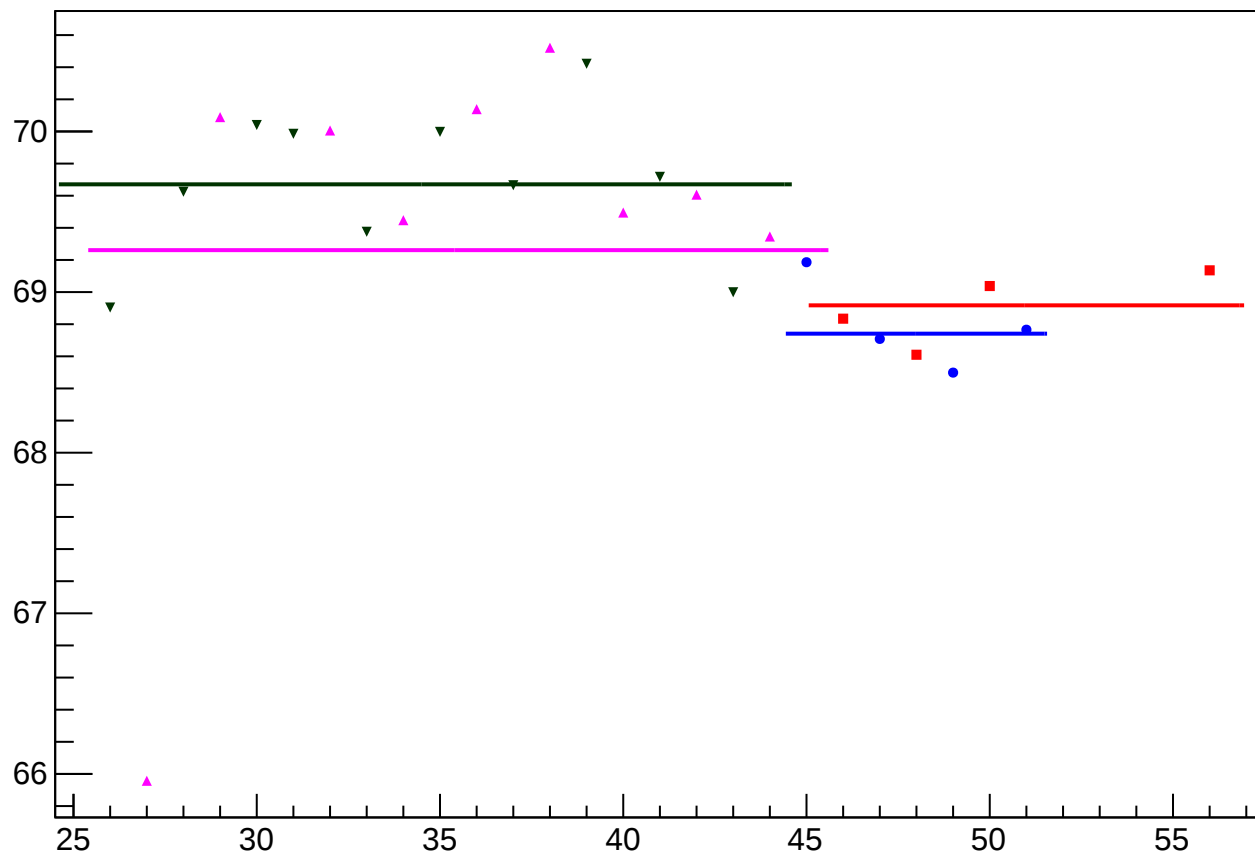
0.185+/-0.000 χ^2/NDF : 68316.5/13

Right Out: 0.192+/-0.000 χ^2/NDF : 2164.5/3

0.184+/-0.000 χ^2/NDF : 31915.1/12

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

yield_bcm_dg_us_mean vs slug



Right In: 68.741 $\pm$ 0.000 χ^2 /NDF: 3565326.4/3

Left Out: 69.671 $\pm$ 0.000 χ^2 /NDF: 26242172.7/9

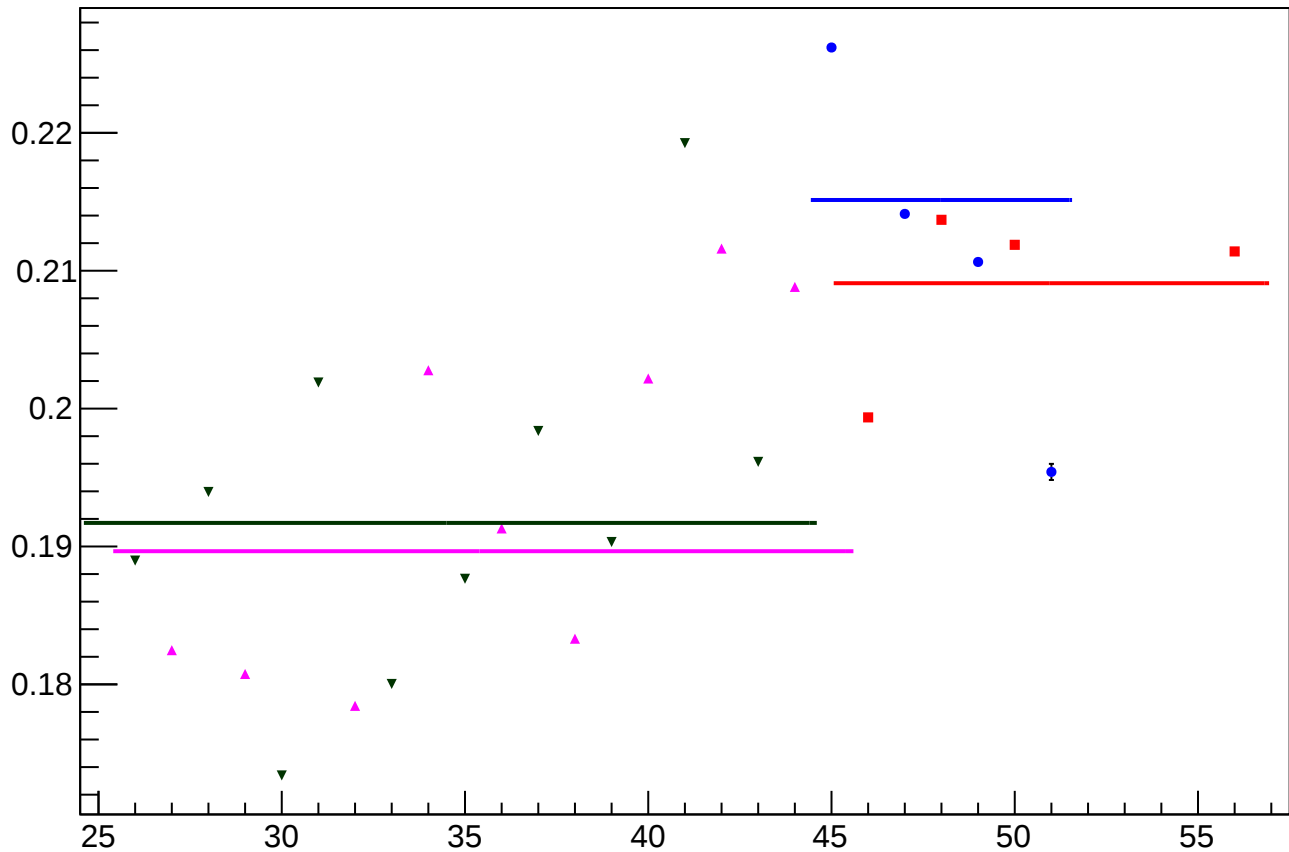
Right Out: 68.917 $\pm$ 0.000 χ^2 /NDF: 1609660.6/3

Left In: 69.261 $\pm$ 0.000 χ^2 /NDF: 334102481.9/8

69.447 $\pm$ 0.000 χ^2 /NDF: 58164474.5/13

69.187 $\pm$ 0.000 χ^2 /NDF: 339558500.8/12

yield_bcm_dg_us_rms vs slug



Right In: 0.215 ± 0.000 χ^2/NDF : 4887.0/3

Left Out: 0.192 ± 0.000 χ^2/NDF : 37598.0/9

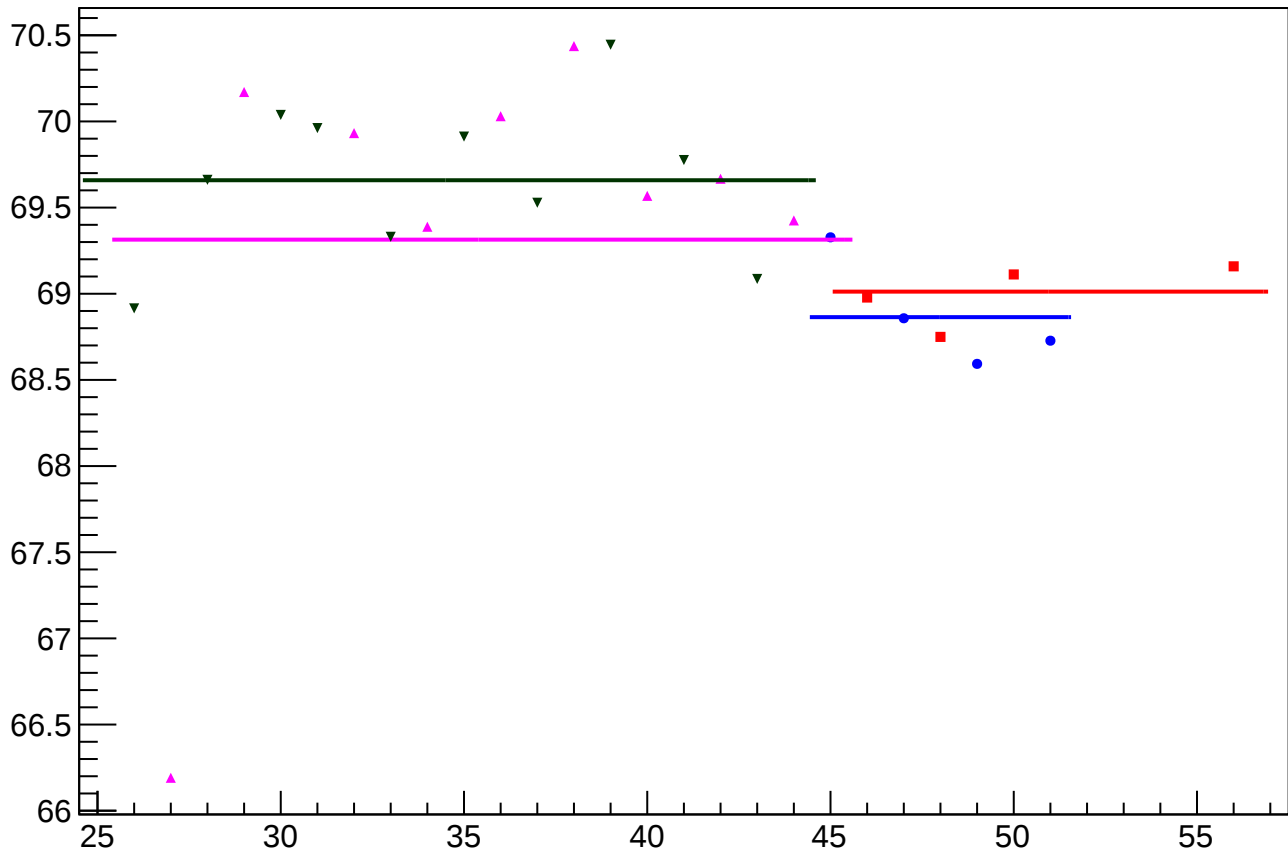
Right Out: 0.209 ± 0.000 χ^2/NDF : 2613.0/3

Left In: 0.190 ± 0.000 χ^2/NDF : 41564.7/8

0.197 ± 0.000 χ^2/NDF : 78474.2/13

0.194 ± 0.000 χ^2/NDF : 68787.4/12

yield_bcm_dg_ds_mean vs slug



Right In: 68.864 $\pm$ 0.000 χ^2 /NDF: 4356560.3/3

Left Out: 69.659 $\pm$ 0.000 χ^2 /NDF: 25938166.8/9

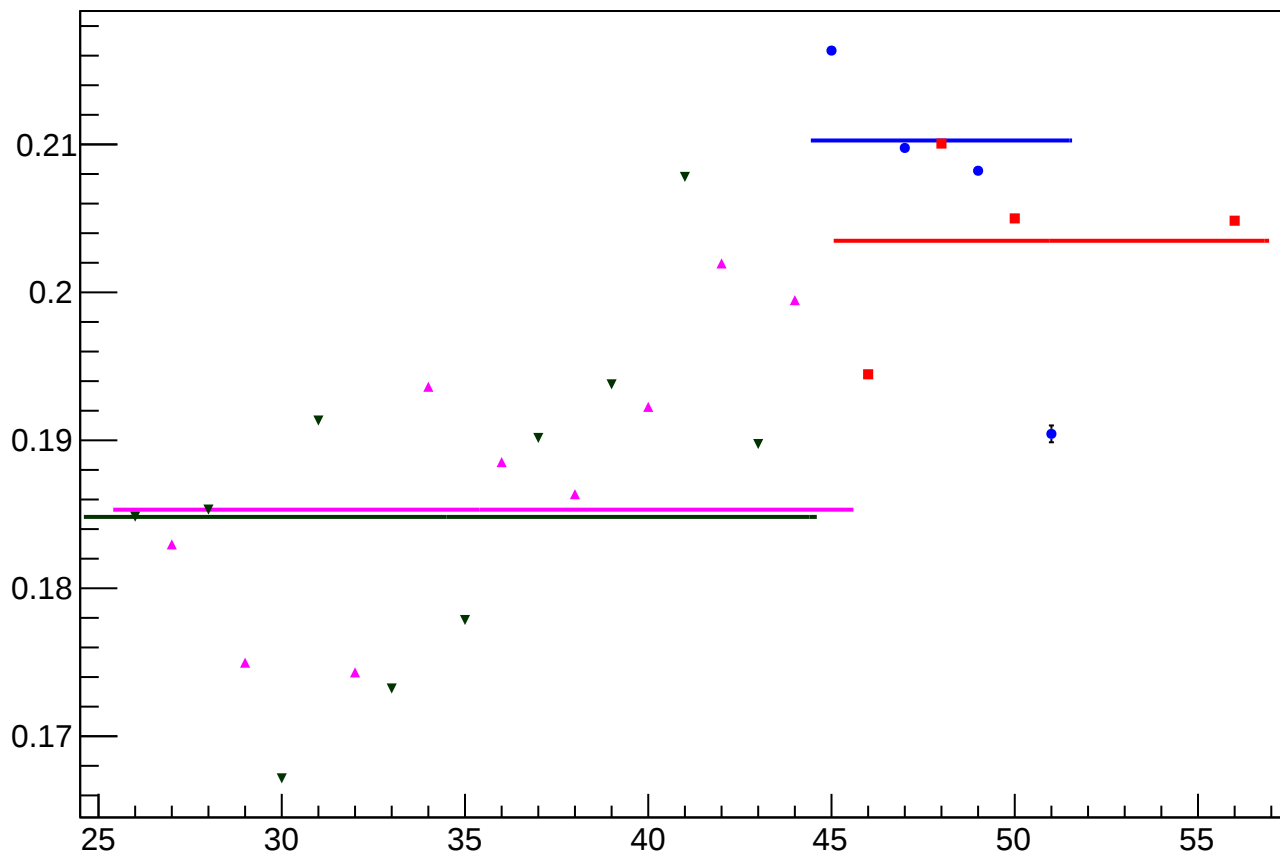
Right Out: 69.012 $\pm$ 0.000 χ^2 /NDF: 1036493.7/3

Left In: 69.314 $\pm$ 0.000 χ^2 /NDF: 295105046.6/8

69.471 $\pm$ 0.000 χ^2 /NDF: 52124324.1/13

69.248 $\pm$ 0.000 χ^2 /NDF: 299268267.5/12

yield_bcm_dg_ds_rms vs slug



Right In: 0.210 $\pm$ 0.000 χ^2 /NDF: 2351.6/3

Left Out: 0.185 $\pm$ 0.000 χ^2 /NDF: 35228.3/9

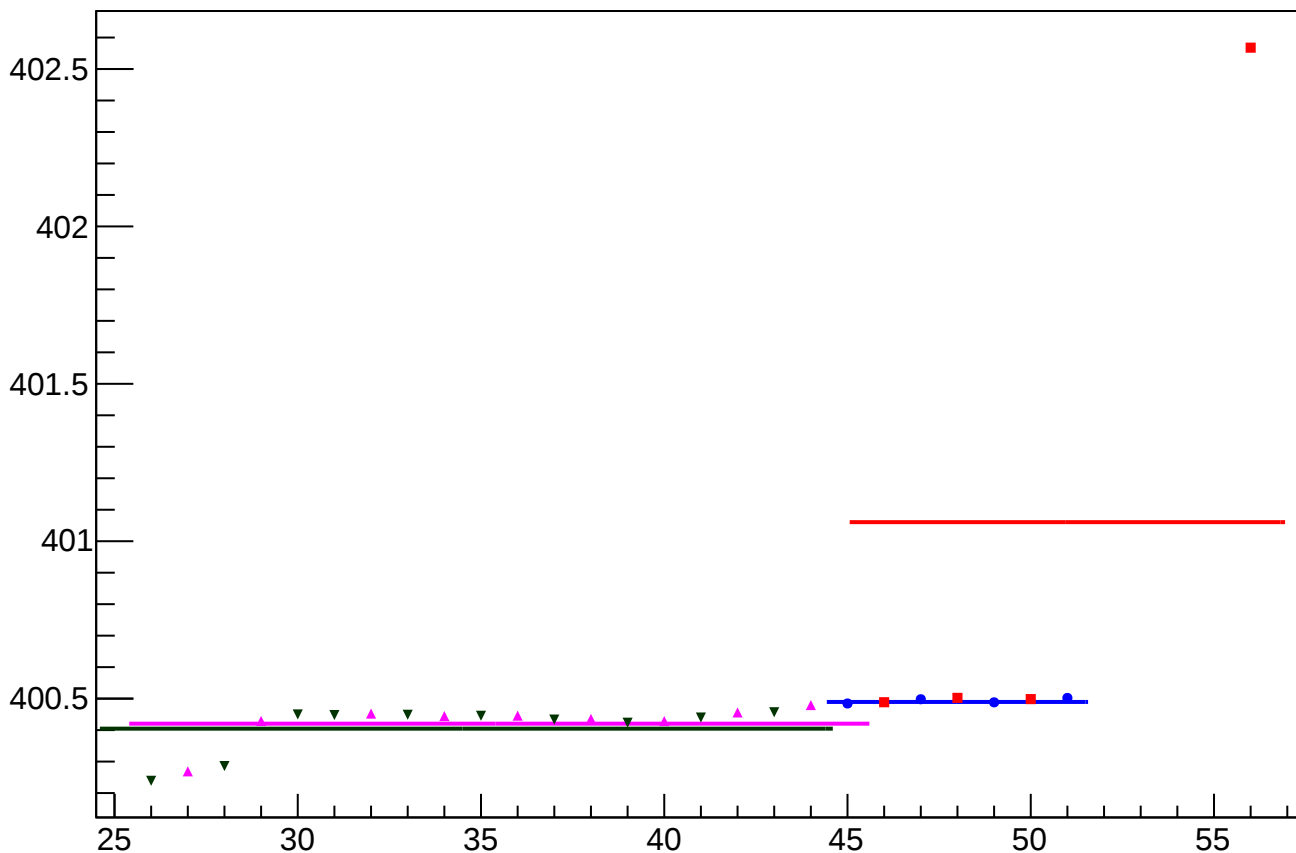
Right Out: 0.203 $\pm$ 0.000 χ^2 /NDF: 2670.1/3

Left In: 0.185 $\pm$ 0.000 χ^2 /NDF: 27999.5/8

0.191 $\pm$ 0.000 χ^2 /NDF: 82352.2/13

0.189 $\pm$ 0.000 χ^2 /NDF: 53371.3/12

yield_cav4bQ_mean vs slug



Right In: 400.489+/-0.000 χ^2/NDF : 1260657.2/3

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

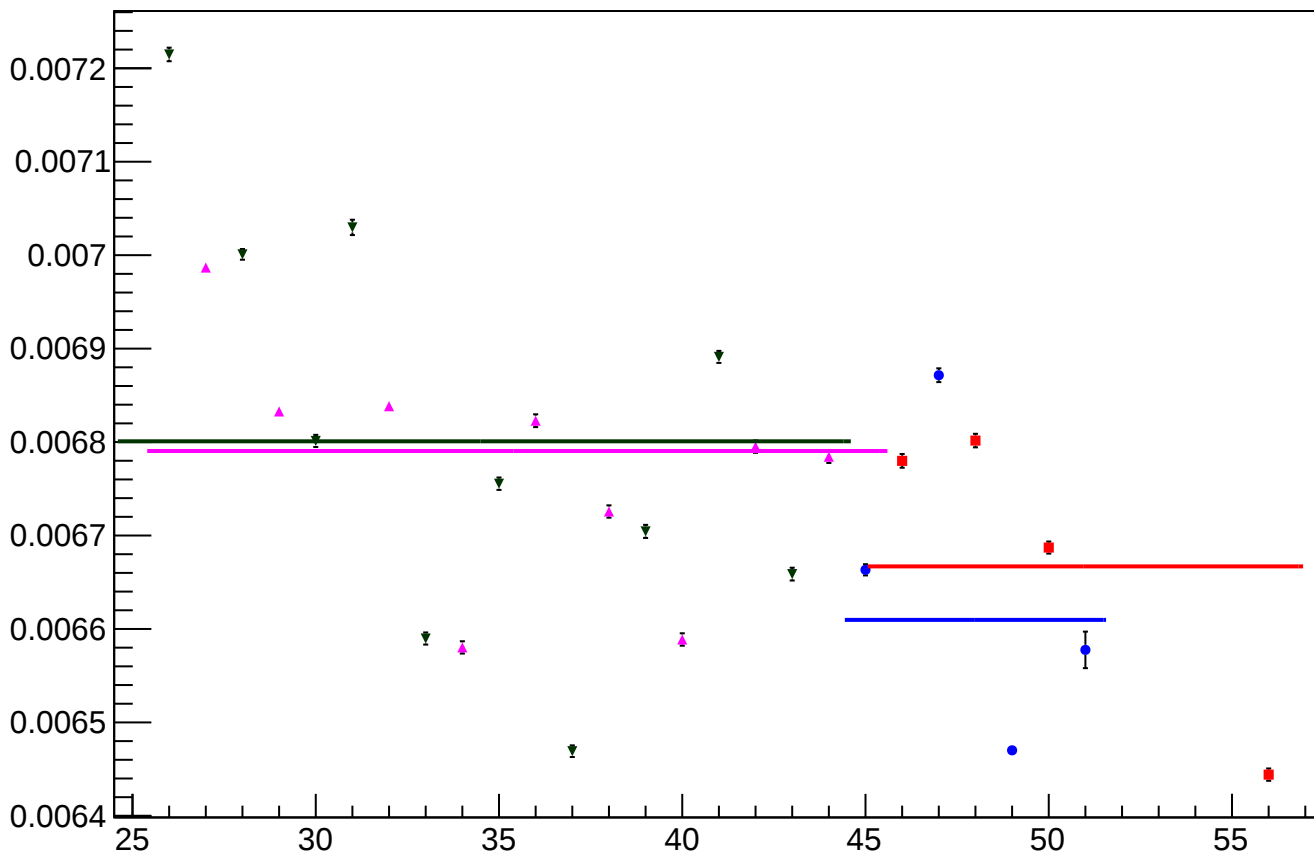
400.429+/-0.000 χ^2/NDF : 851541868.7/13

Right Out: 401.061+/-0.000 χ^2/NDF : 35869233796.7/3

400.584+/-0.000 χ^2/NDF : 49225179337.0/12

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

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2209.3/3

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

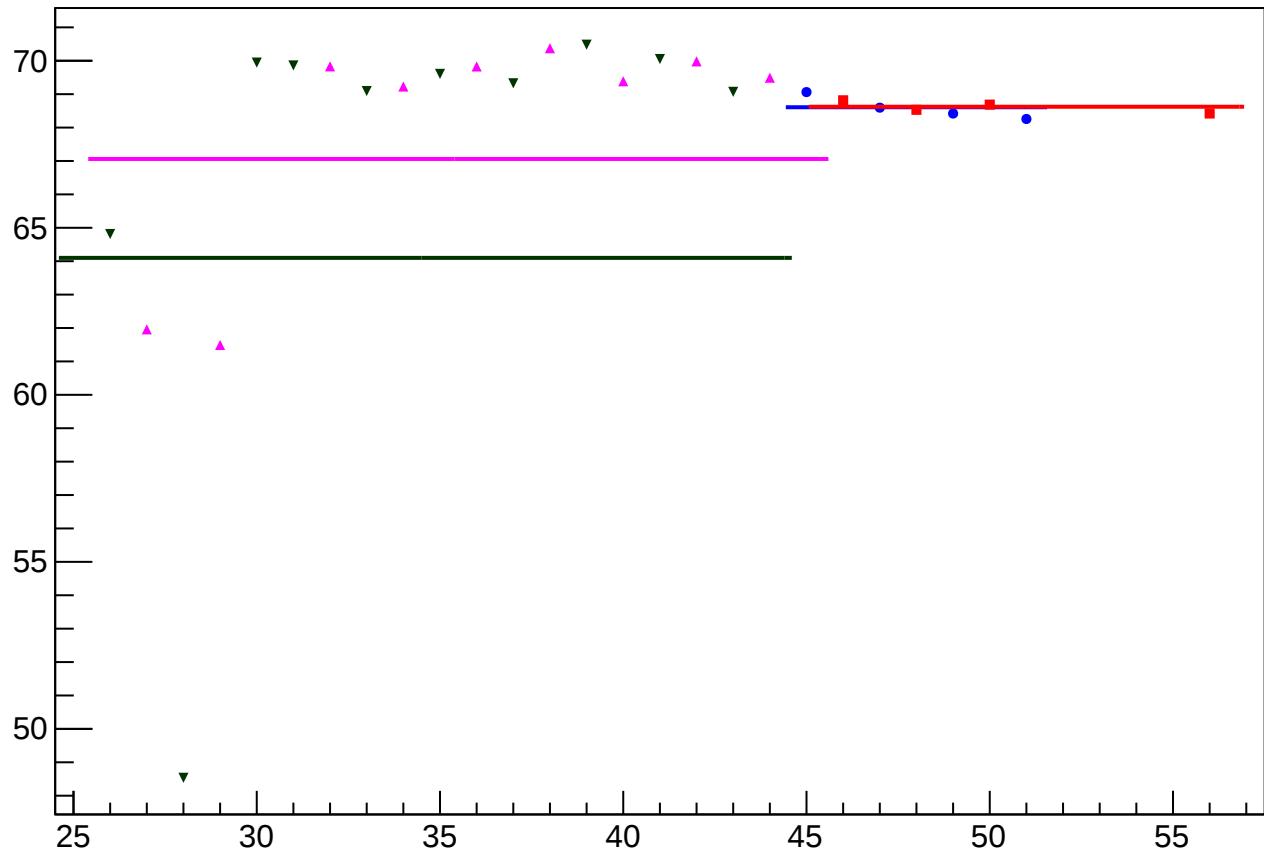
Right Out: 0.007+/-0.000 χ^2/NDF : 1729.9/3

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

0.007+/-0.000 χ^2/NDF : 14602.0/13

0.007+/-0.000 χ^2/NDF : 6255.8/12

yield_cav4cQ_mean vs slug



Right In: 68.609+/-0.000 χ^2/NDF : 2546349.9/3

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

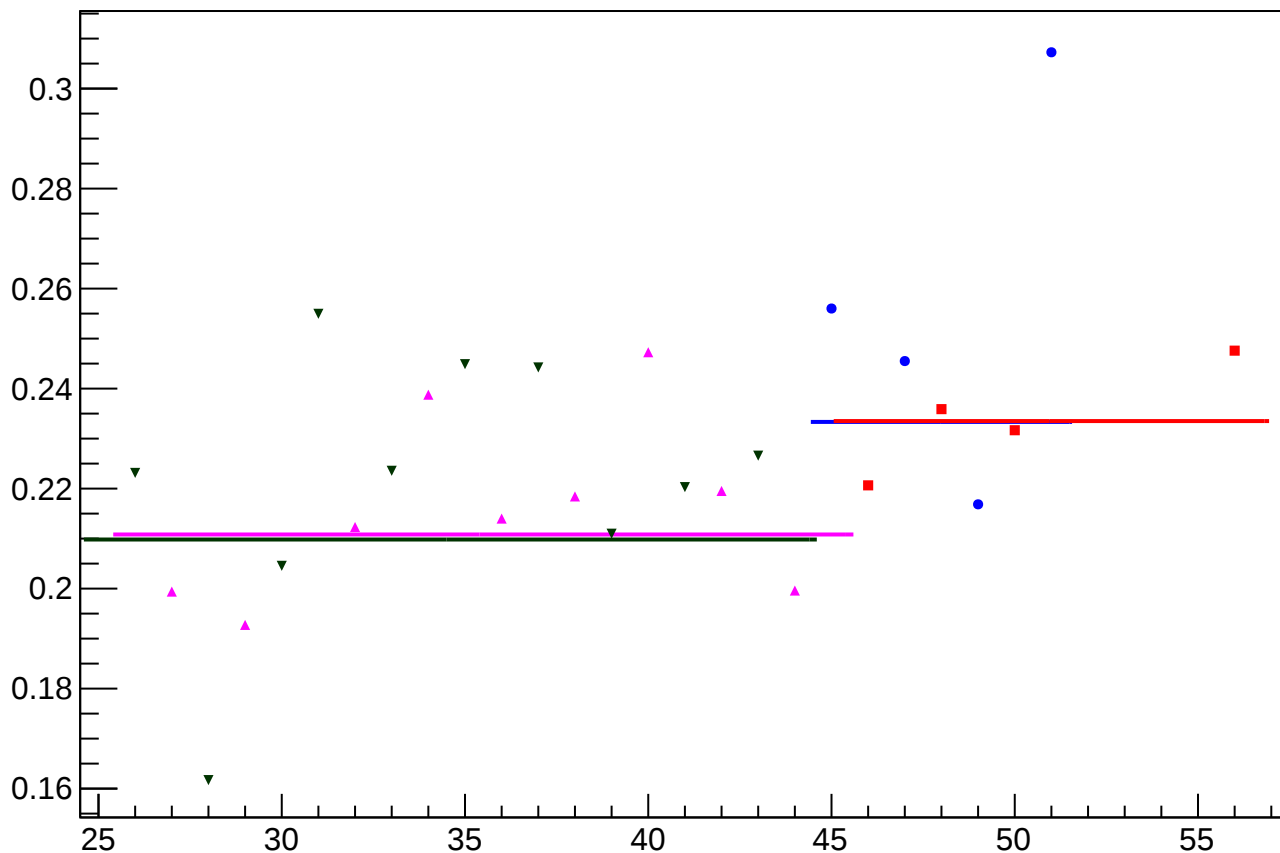
65.224+/-0.000 χ^2/NDF : 9053234038.6/13

Right Out: 68.624+/-0.000 χ^2/NDF : 694867.7/3

67.402+/-0.000 χ^2/NDF : 1714617294.2/12

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

yield_cav4cQ_rms vs slug



Right In: 0.233+/-0.000 χ^2/NDF : 27757.8/3

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

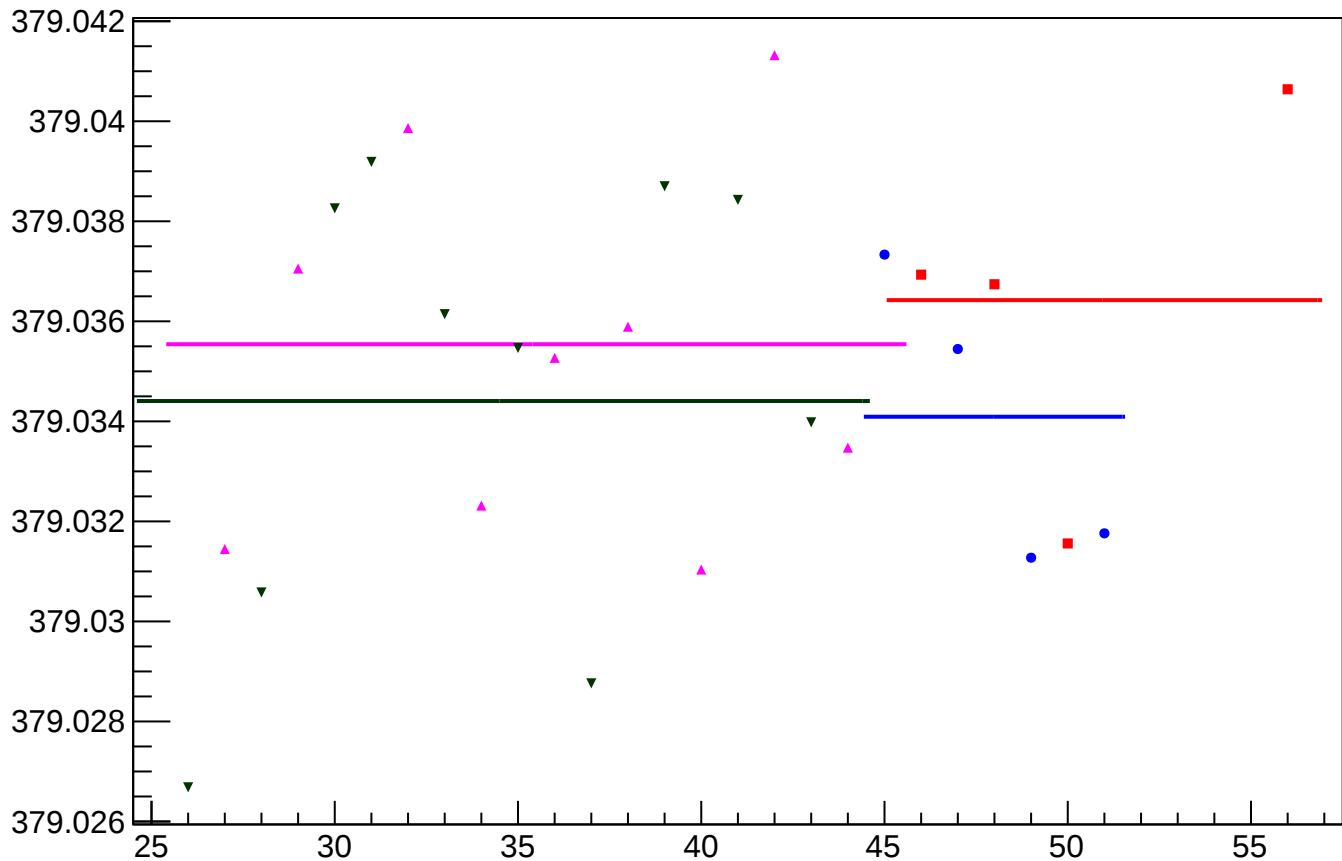
Right Out: 0.234+/-0.000 χ^2/NDF : 5705.4/3

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

0.216+/-0.000 χ^2/NDF : 251239.2/13

0.216+/-0.000 χ^2/NDF : 86775.6/12

yield_cav4dQ_mean vs slug



Right In: 379.034 $\pm$ 0.000 χ^2 /NDF: 305604.9/3

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

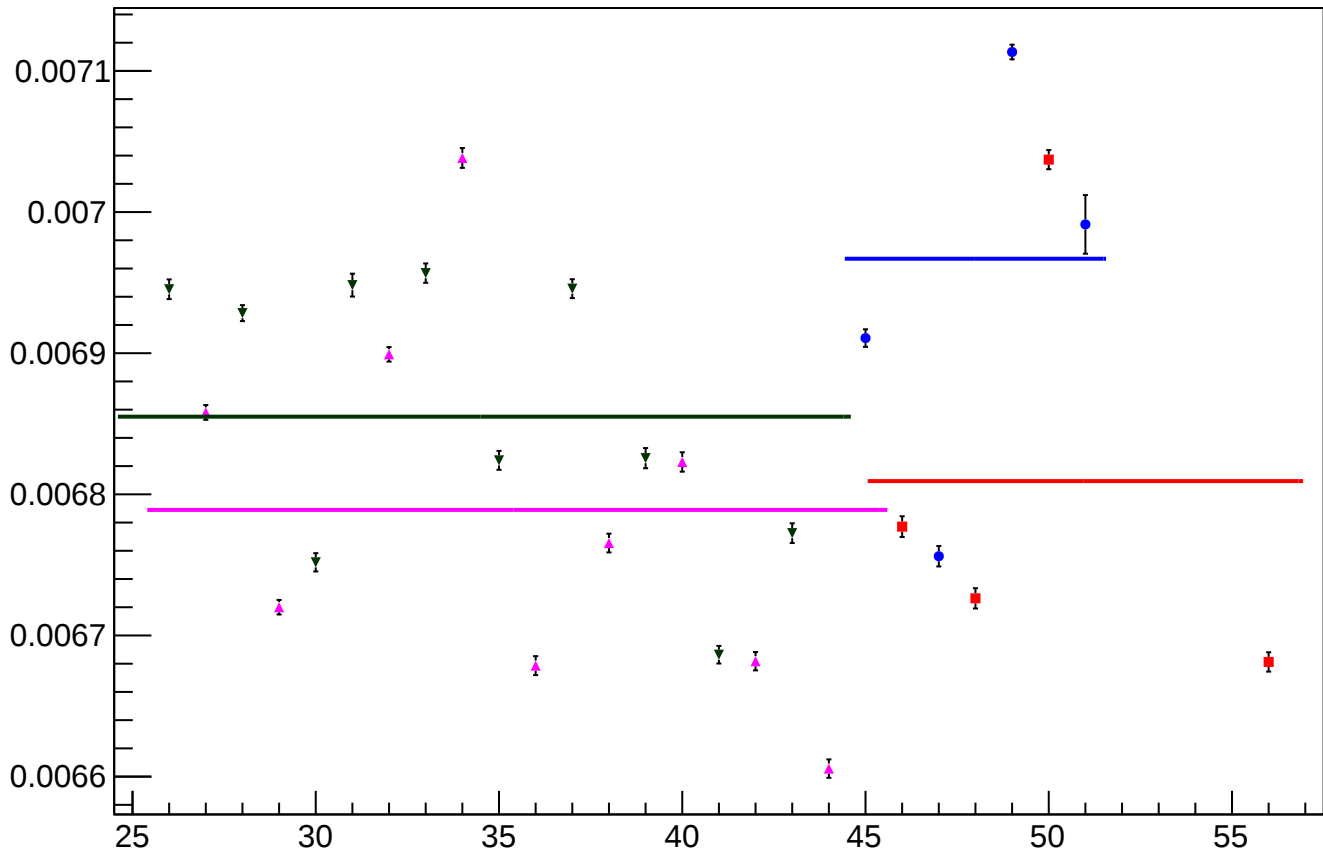
379.034 $\pm$ 0.000 χ^2 /NDF: 2289028.2/13

Right Out: 379.036 $\pm$ 0.000 χ^2 /NDF: 450333.4/3

379.036 $\pm$ 0.000 χ^2 /NDF: 1943102.6/12

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

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1718.2/3

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

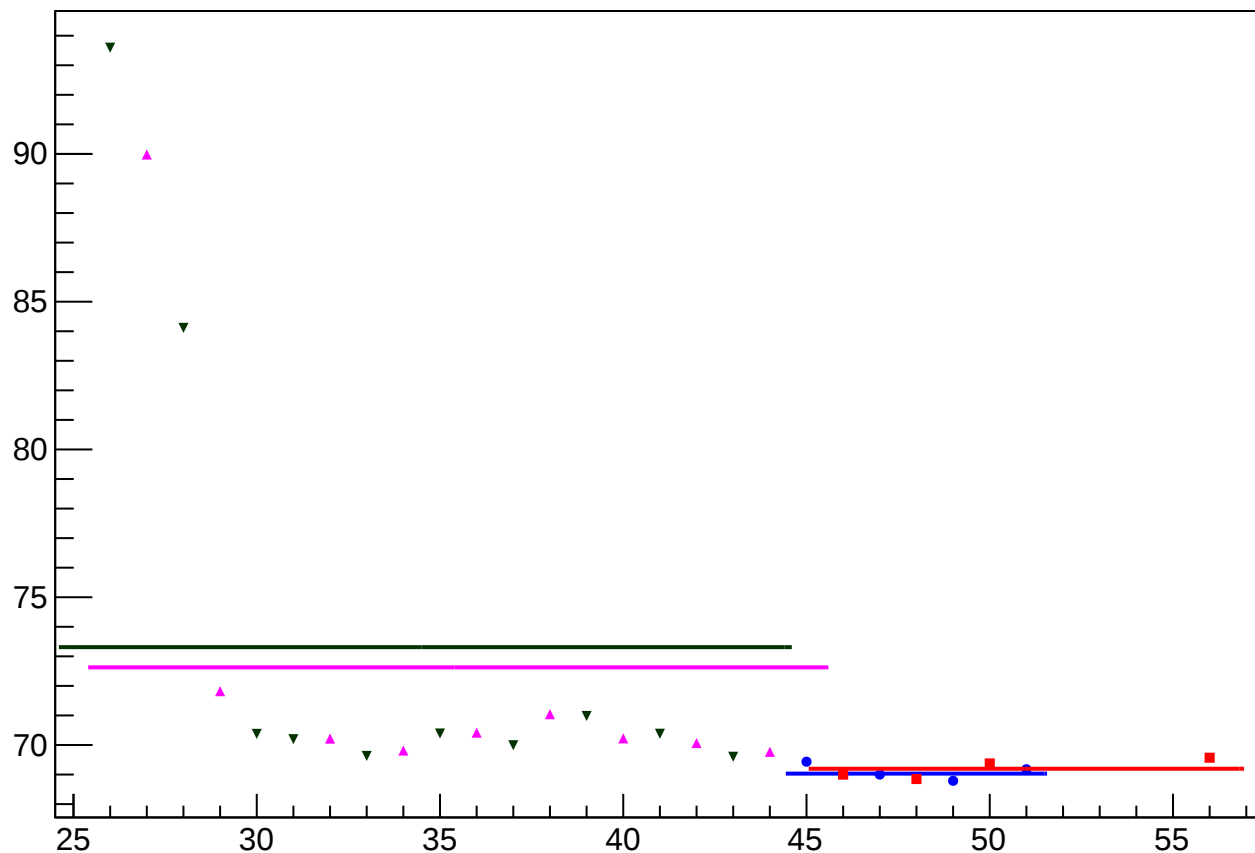
0.007+/-0.000 χ^2/NDF : 4513.7/13

Right Out: 0.007+/-0.000 χ^2/NDF : 1631.0/3

0.007+/-0.000 χ^2/NDF : 5095.9/12

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

yield_bcm0l02_mean vs slug



Right In: 69.032+/-0.000 χ^2/NDF : 1916968.7/3

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

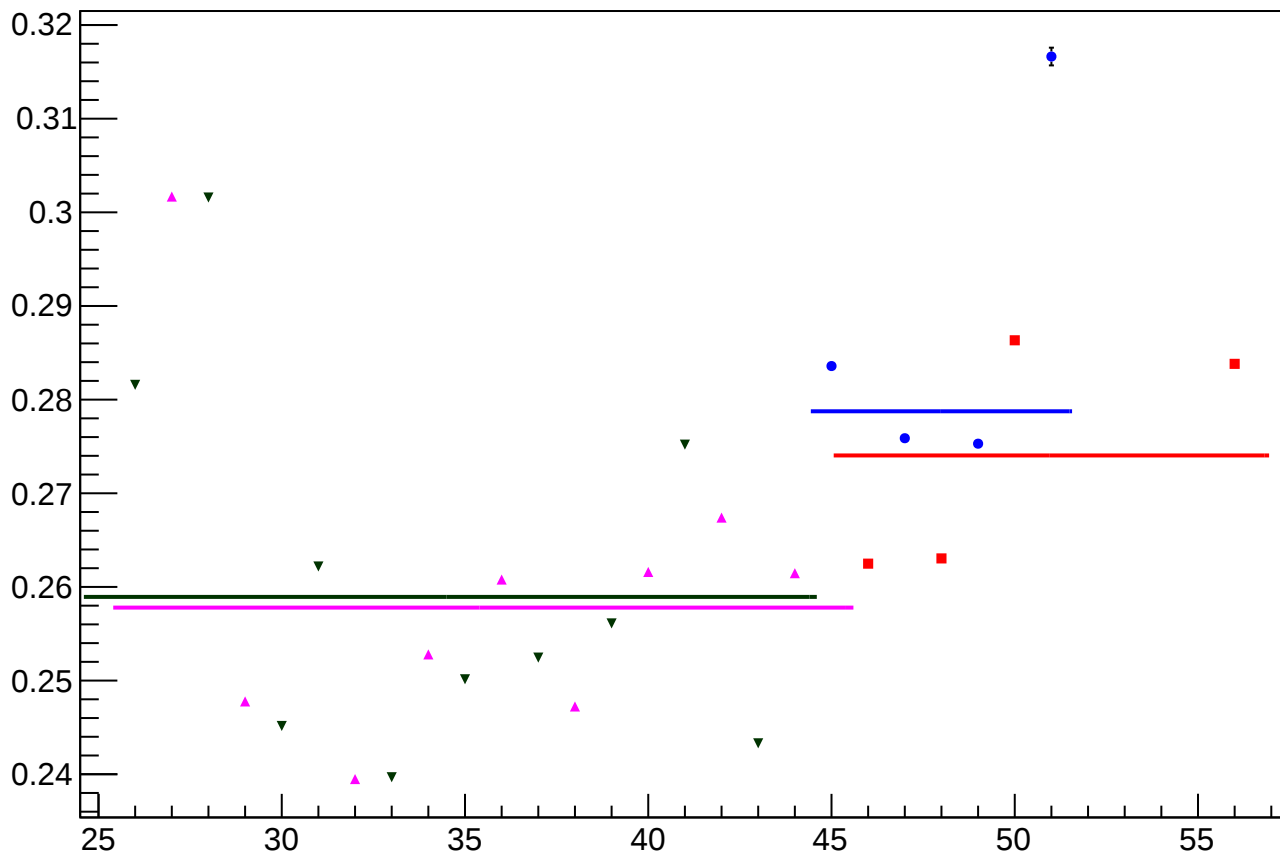
Right Out: 69.197+/-0.000 χ^2/NDF : 1926945.3/3

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

72.190+/-0.000 χ^2/NDF : 4057735279.3/13

71.837+/-0.000 χ^2/NDF : 3145105967.8/12

yield_bcm0l02_rms vs slug



Right In: 0.279+/-0.000 χ^2/NDF : 2319.0/3

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

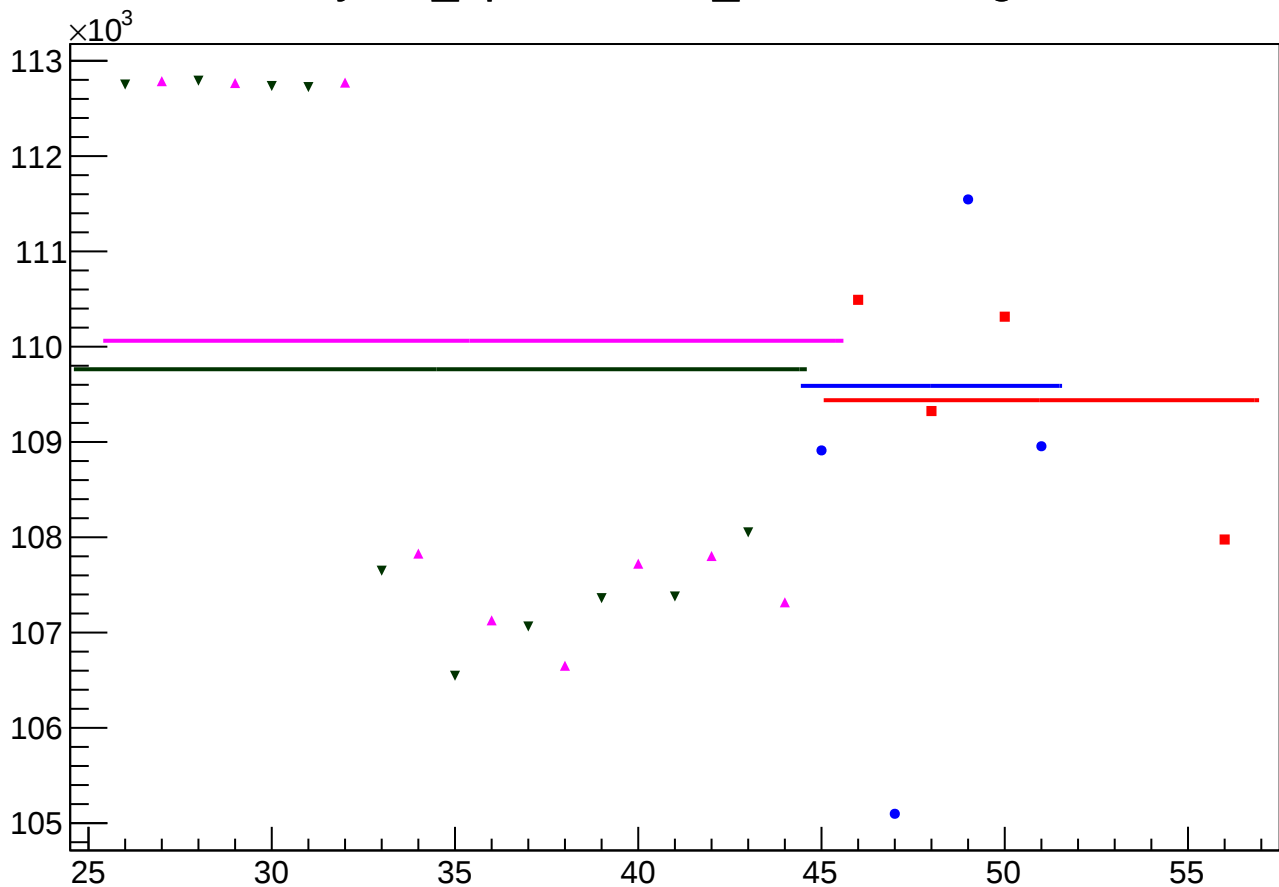
Right Out: 0.274+/-0.000 χ^2/NDF : 5961.5/3

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

0.264+/-0.000 χ^2/NDF : 64738.5/13

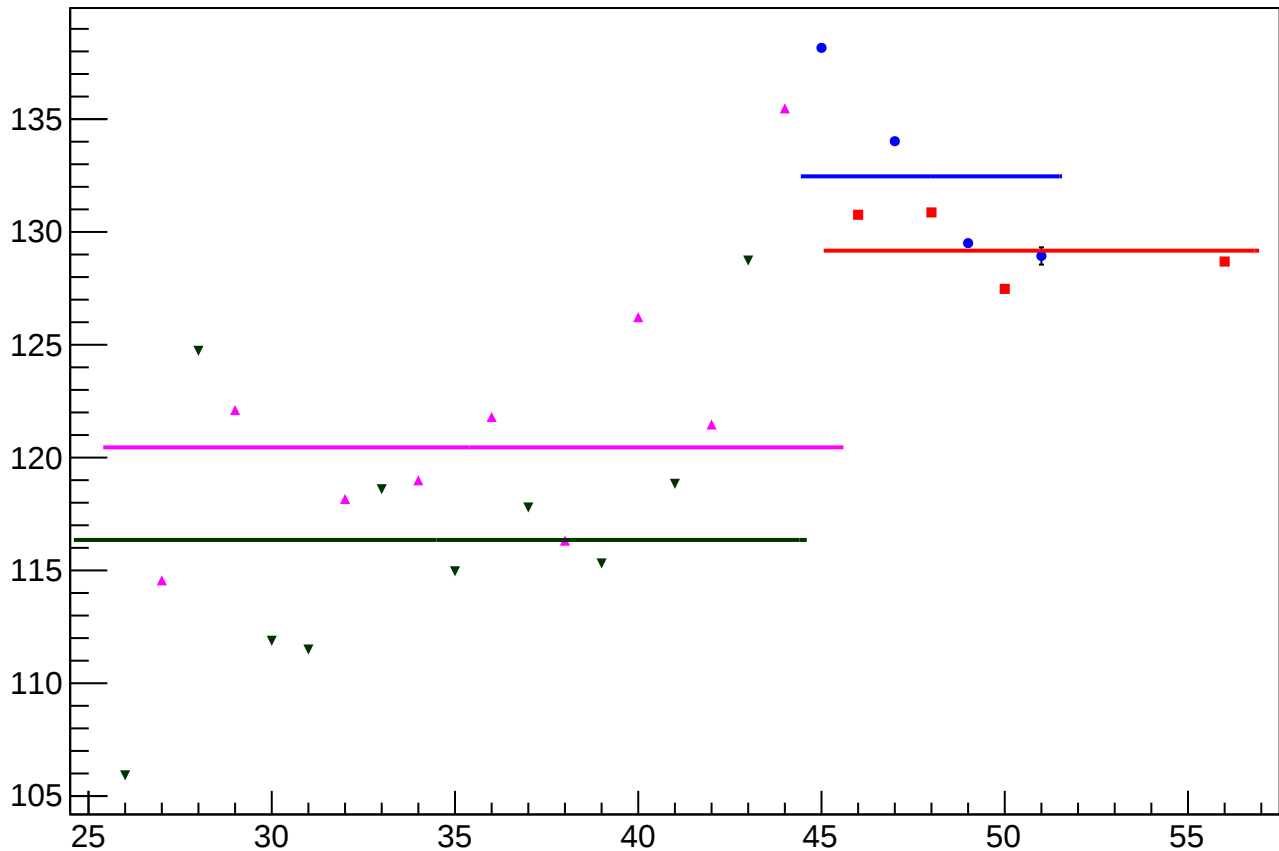
0.262+/-0.000 χ^2/NDF : 64792.0/12

yield_bpm2i01WS_mean vs slug



Right In: 109588.851 $\pm$ 0.099	χ^2 /NDF: 615526435.8/3	109723.333 $\pm$ 0.047	χ^2 /NDF: 3203461767.9/13
Left Out: 109763.312 $\pm$ 0.054	χ^2 /NDF: 2585526424.9/9		
Right Out: 109438.415 $\pm$ 0.100	χ^2 /NDF: 103227223.5/3	109923.678 $\pm$ 0.047	χ^2 /NDF: 2723618444.1/12
Left In: 110062.231 $\pm$ 0.053	χ^2 /NDF: 2589926778.7/8		

yield_bpm2i01WS_rms vs slug



Right In: 132.465+/-0.070 χ^2/NDF : 2766.8/3

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

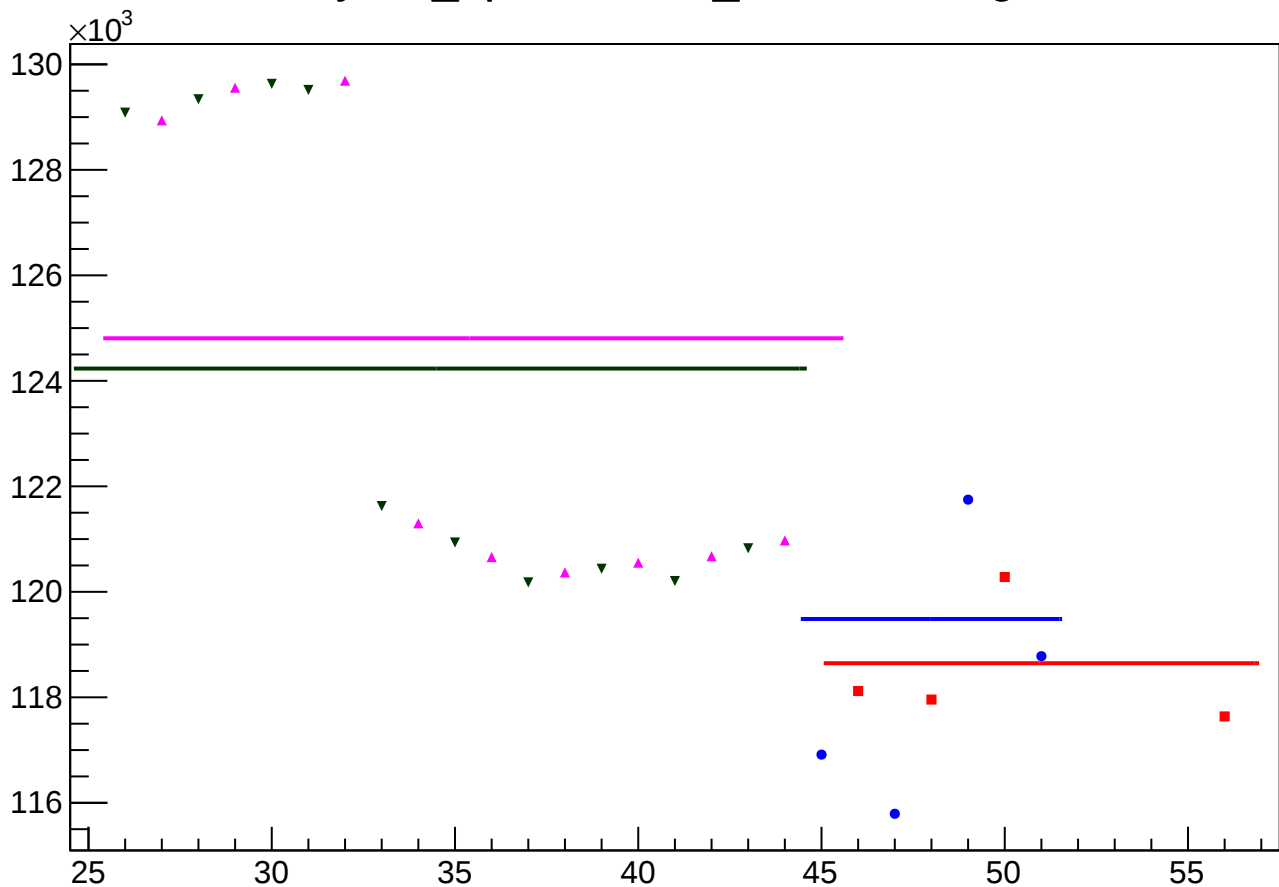
120.043+/-0.033 χ^2/NDF : 70709.7/13

Right Out: 129.171+/-0.070 χ^2/NDF : 416.3/3

122.390+/-0.033 χ^2/NDF : 31408.3/12

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

yield_bpm0i07WS_mean vs slug



Right In: 119484.947 $\pm$ 0.152 χ^2 /NDF: 291809911.8/3

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

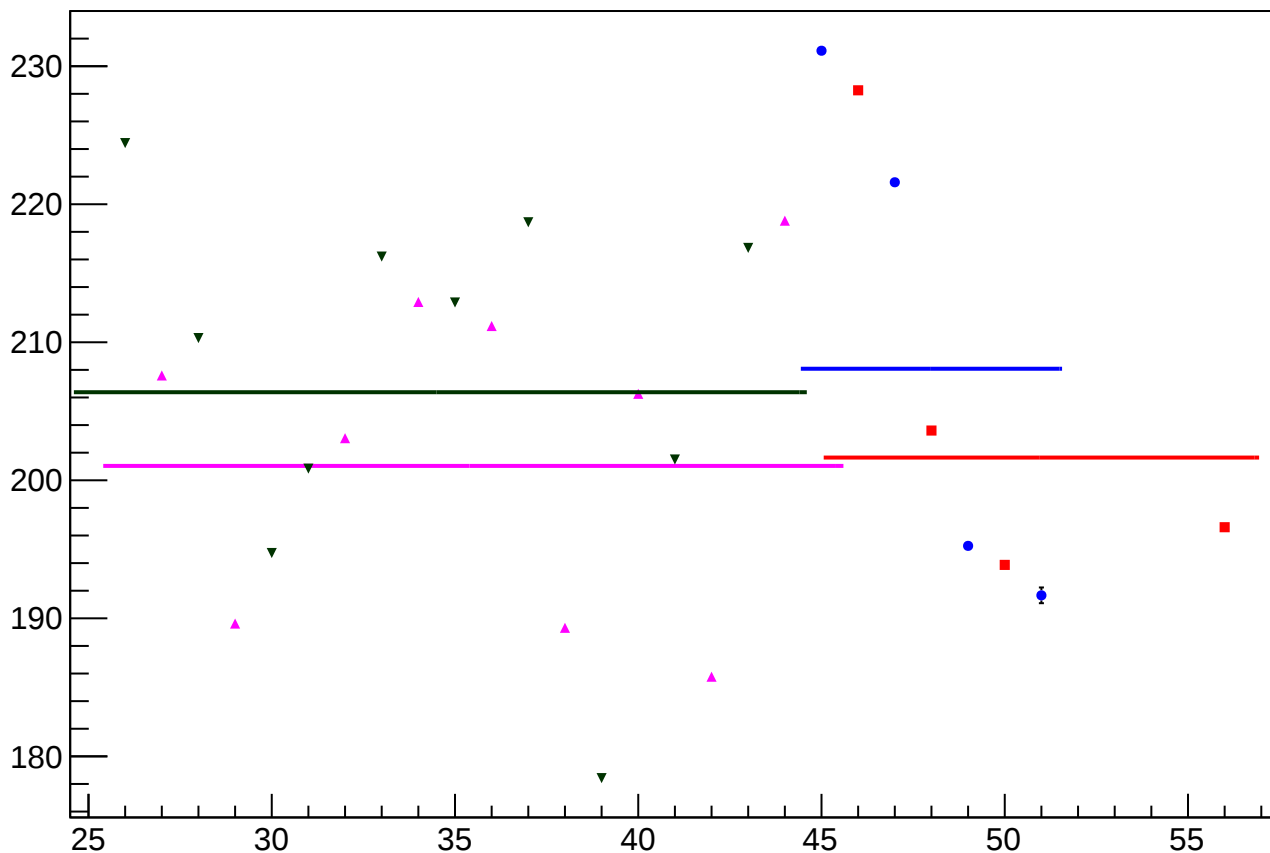
Right Out: 118646.473 $\pm$ 0.155 χ^2 /NDF: 55371950.3/3

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

122968.736 $\pm$ 0.079 χ^2 /NDF: 3222162417.8/13

123379.305 $\pm$ 0.075 χ^2 /NDF: 3881848176.4/12

yield_bpm0i07WS_rms vs slug



Right In: 208.082 ± 0.108 χ^2/NDF : 22269.4/3

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

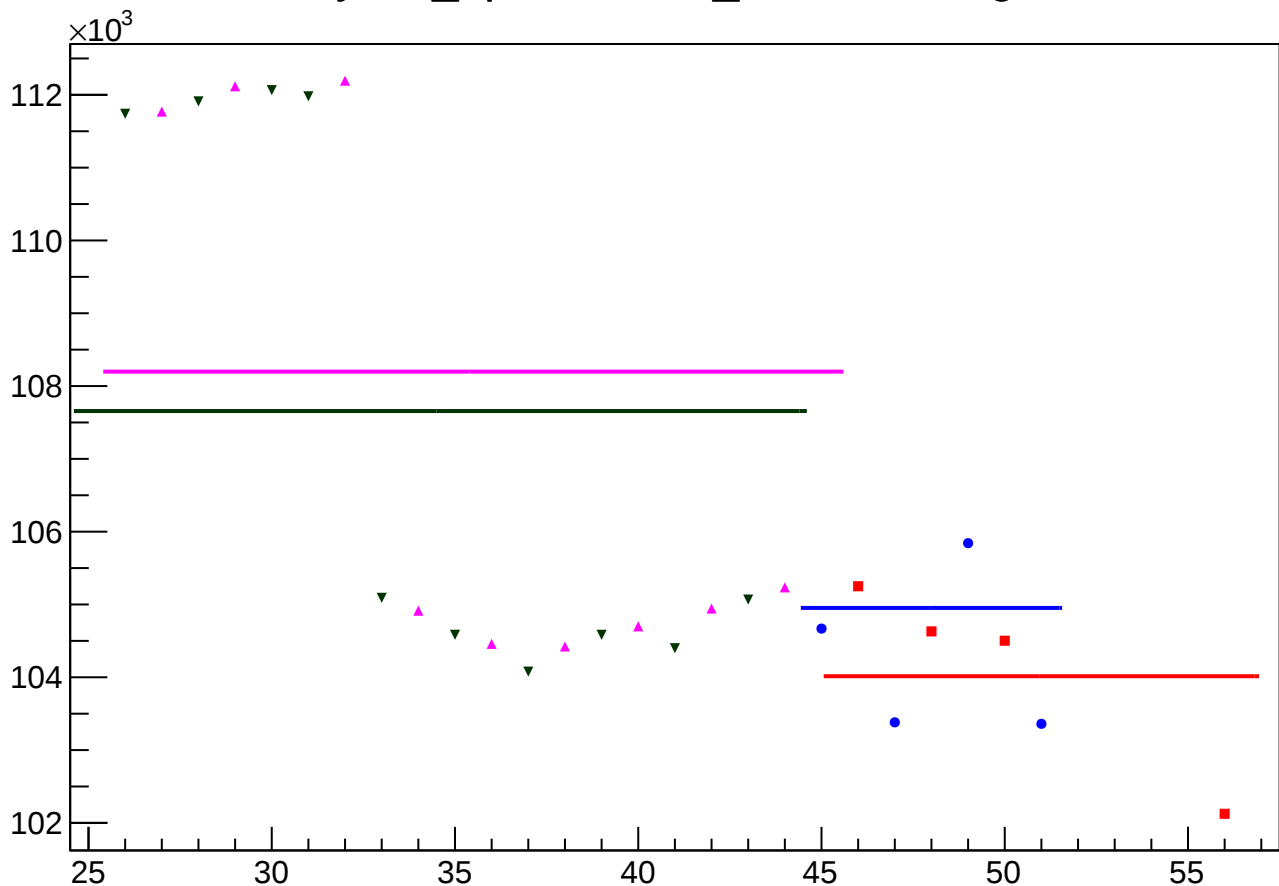
Right Out: 201.647 ± 0.109 χ^2/NDF : 10233.0/3

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

206.834 ± 0.056 χ^2/NDF : 63638.3/13

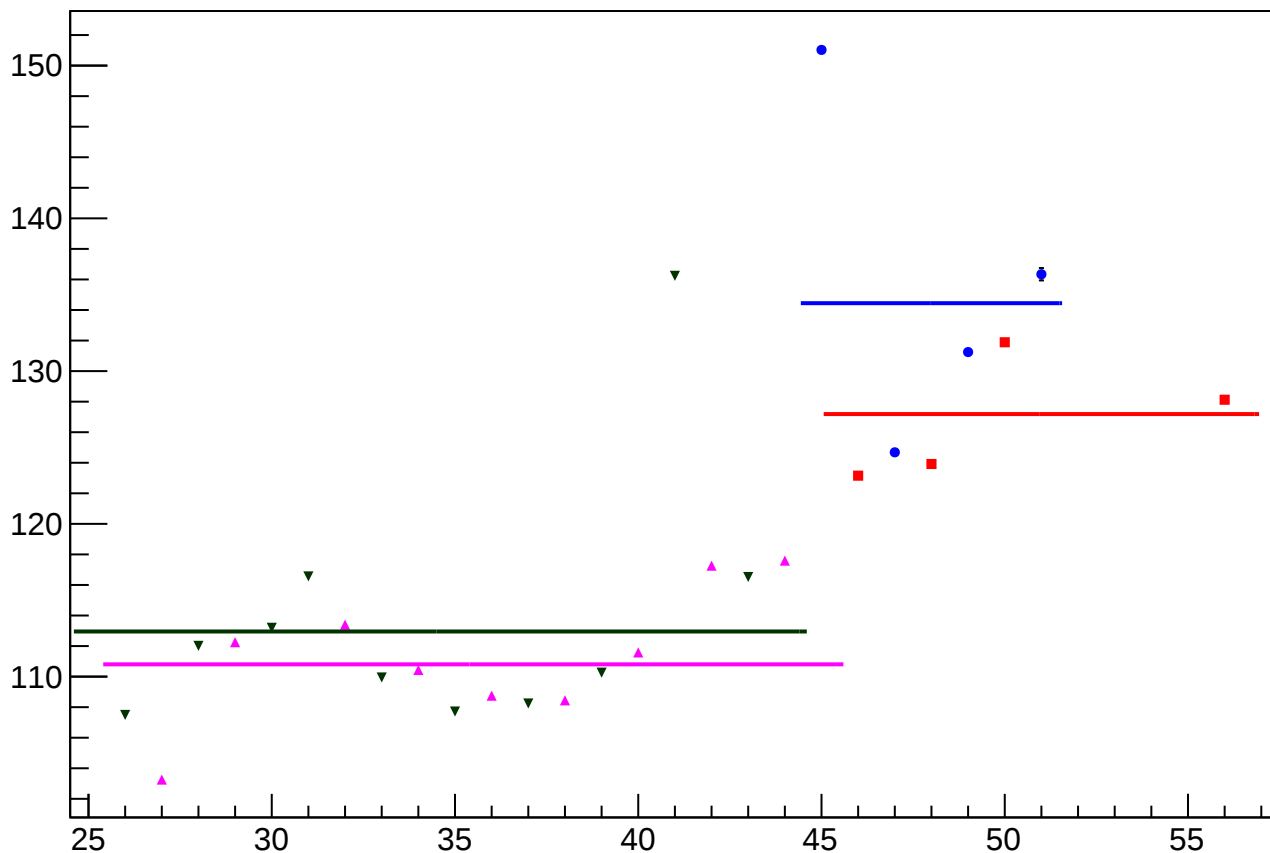
201.183 ± 0.053 χ^2/NDF : 41870.3/12

yield_bpm0l01WS_mean vs slug



Right In: 104952.765 $\pm$ 0.099	χ^2 /NDF: 108094294.2/3	107099.137 $\pm$ 0.045	χ^2 /NDF: 5838452418.0/13
Left Out: 107656.991 $\pm$ 0.050	χ^2 /NDF: 5135639688.0/9		
Right Out: 104014.486 $\pm$ 0.098	χ^2 /NDF: 148471995.9/3	107417.344 $\pm$ 0.042	χ^2 /NDF: 7625183516.4/12
Left In: 108198.580 $\pm$ 0.047	χ^2 /NDF: 5989856583.8/8		

yield_bpm0l01WS_rms vs slug



Right In: 134.446 ± 0.070 χ^2/NDF : 18309.7/3

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

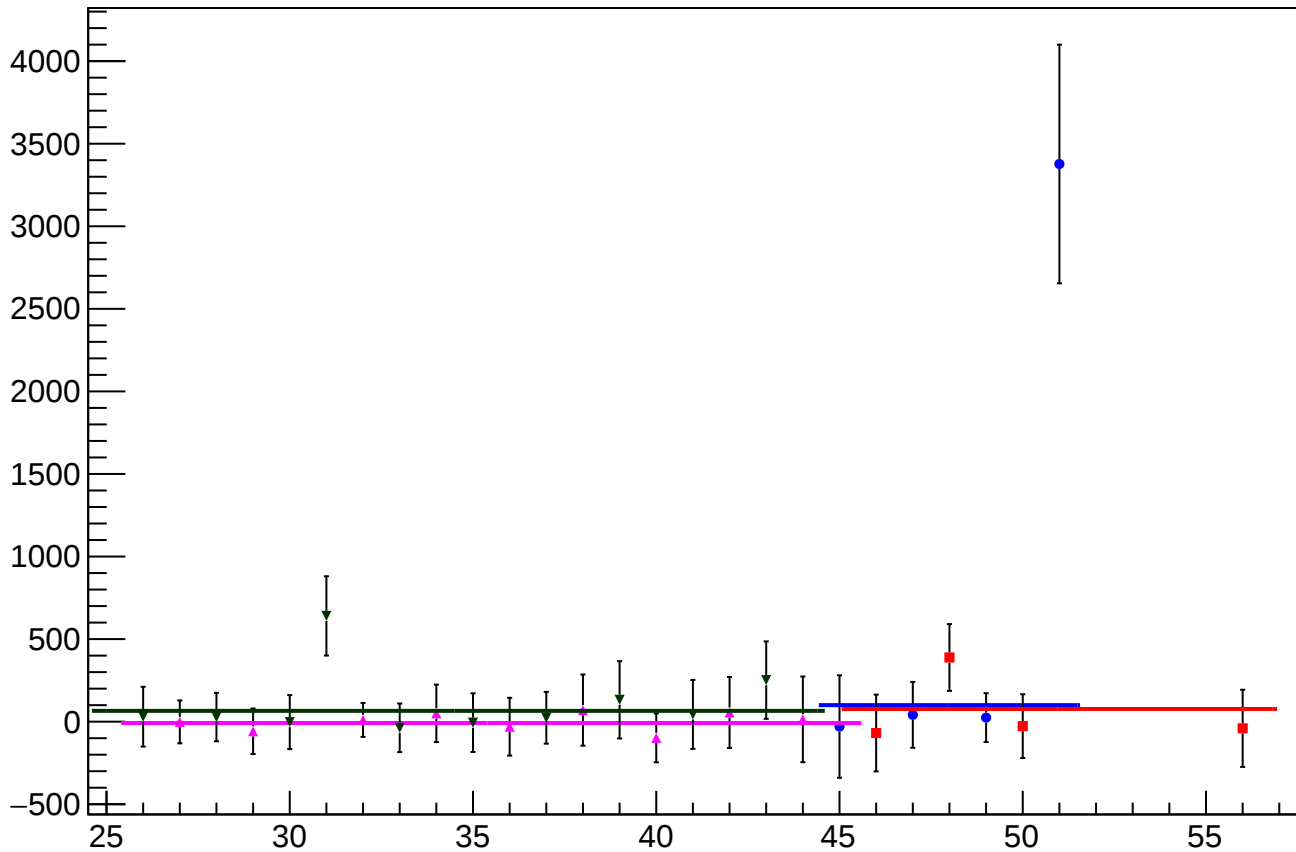
Right Out: 127.188 ± 0.069 χ^2/NDF : 2545.7/3

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

117.388 ± 0.032 χ^2/NDF : 136506.7/13

113.863 ± 0.030 χ^2/NDF : 65682.7/12

asym_bcm_an_ds_mean vs slug



Right In: 100.103+/-109.656 χ^2/NDF : 21.1/3

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

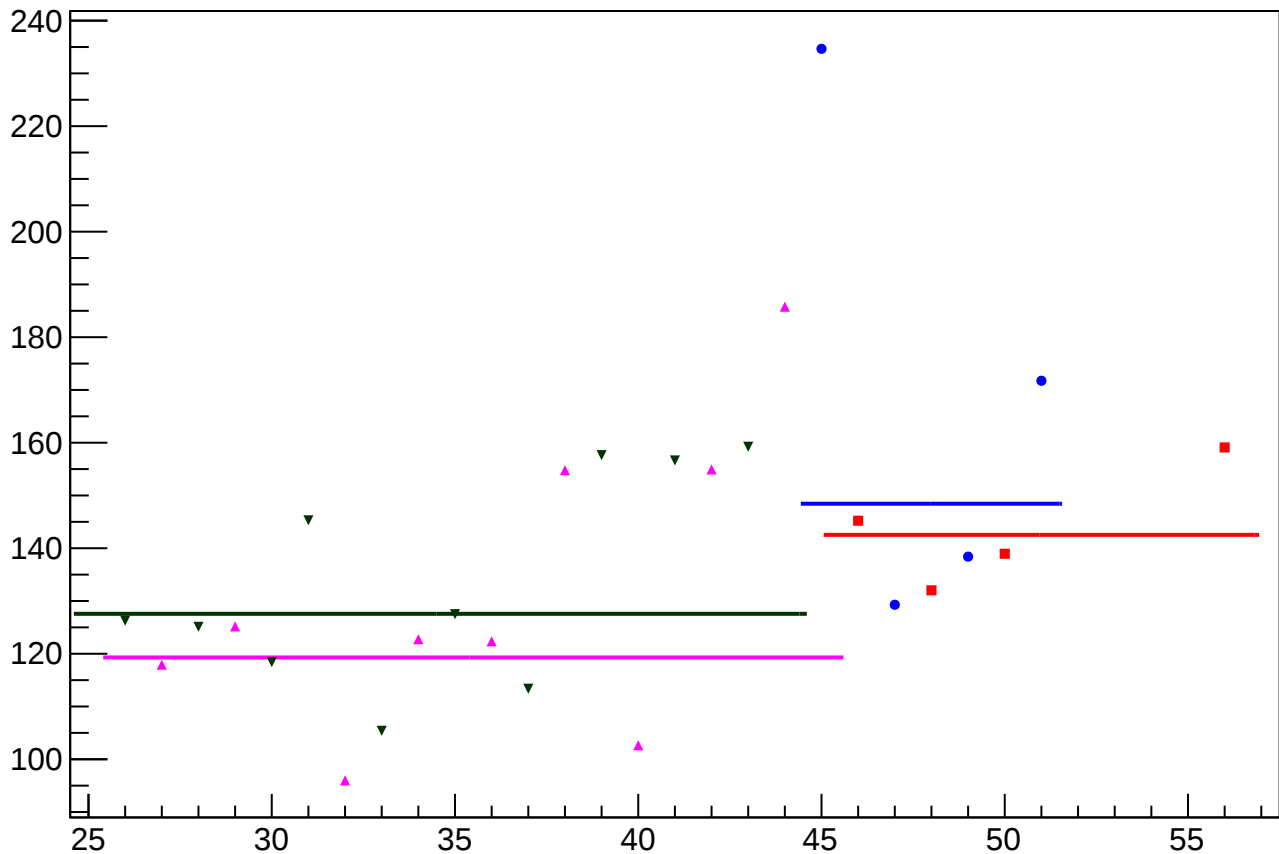
Right Out: 76.977+/-106.534 χ^2/NDF : 3.3/3

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

72.810+/-50.443 χ^2/NDF : 28.6/13

8.167+/-46.428 χ^2/NDF : 4.7/12

asym_bcm_an_ds_rms vs slug



Right In: 148.440 $\pm$ 0.078 χ^2 /NDF: 184143.7/3

Left Out: 127.571 $\pm$ 0.040 χ^2 /NDF:187904.2/9

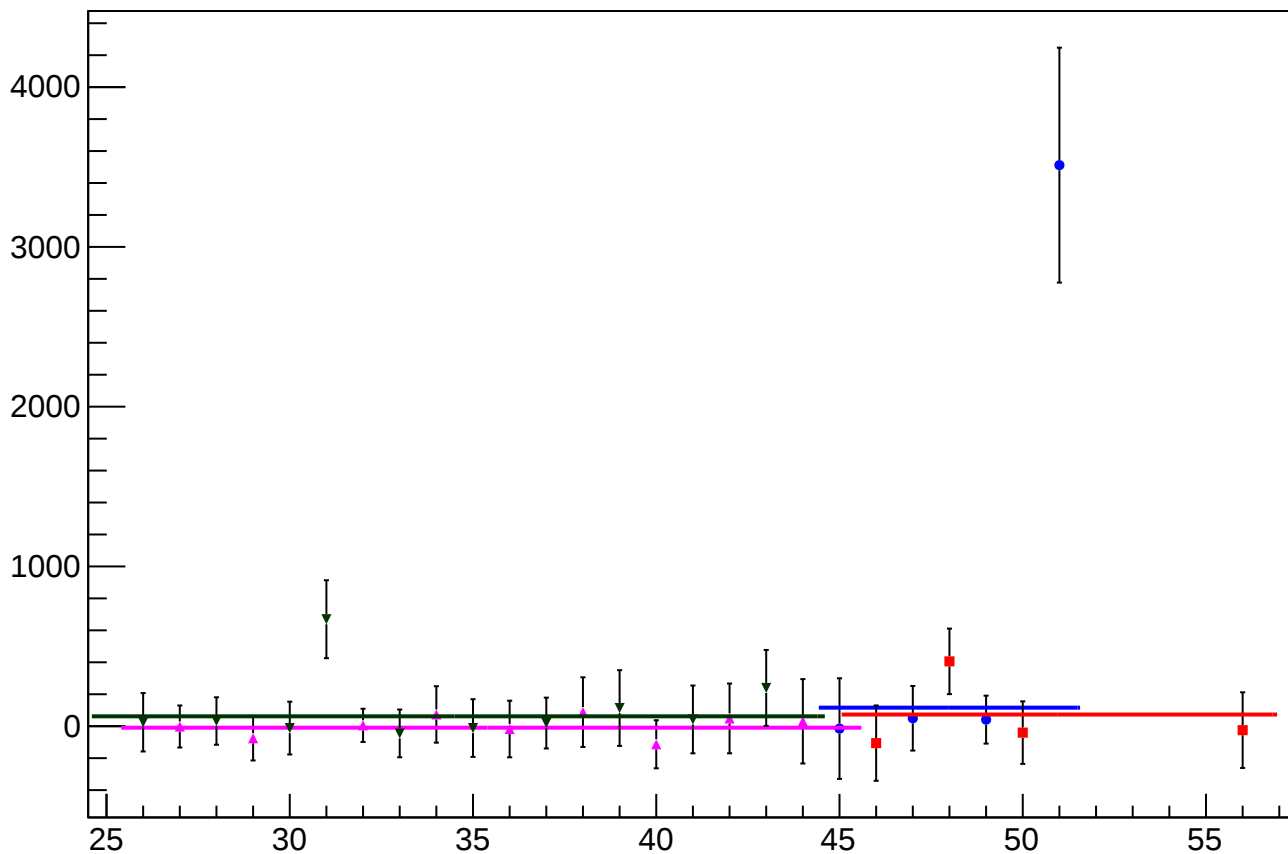
Right Out: 142.532 $\pm$ 0.075 χ^2 /NDF: 16427.2/3

Left In: 119.298 $\pm$ 0.036 χ^2 /NDF:373710.1/8

131.987 $\pm$ 0.036 χ^2 /NDF: 429158.0/13

123.711 $\pm$ 0.033 χ^2 /NDF: 467196.1/12

asym_bcm_an_ds3_mean vs slug



Right In: 116.096 $\pm$ 111.229 χ^2 /NDF: 21.9/3

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

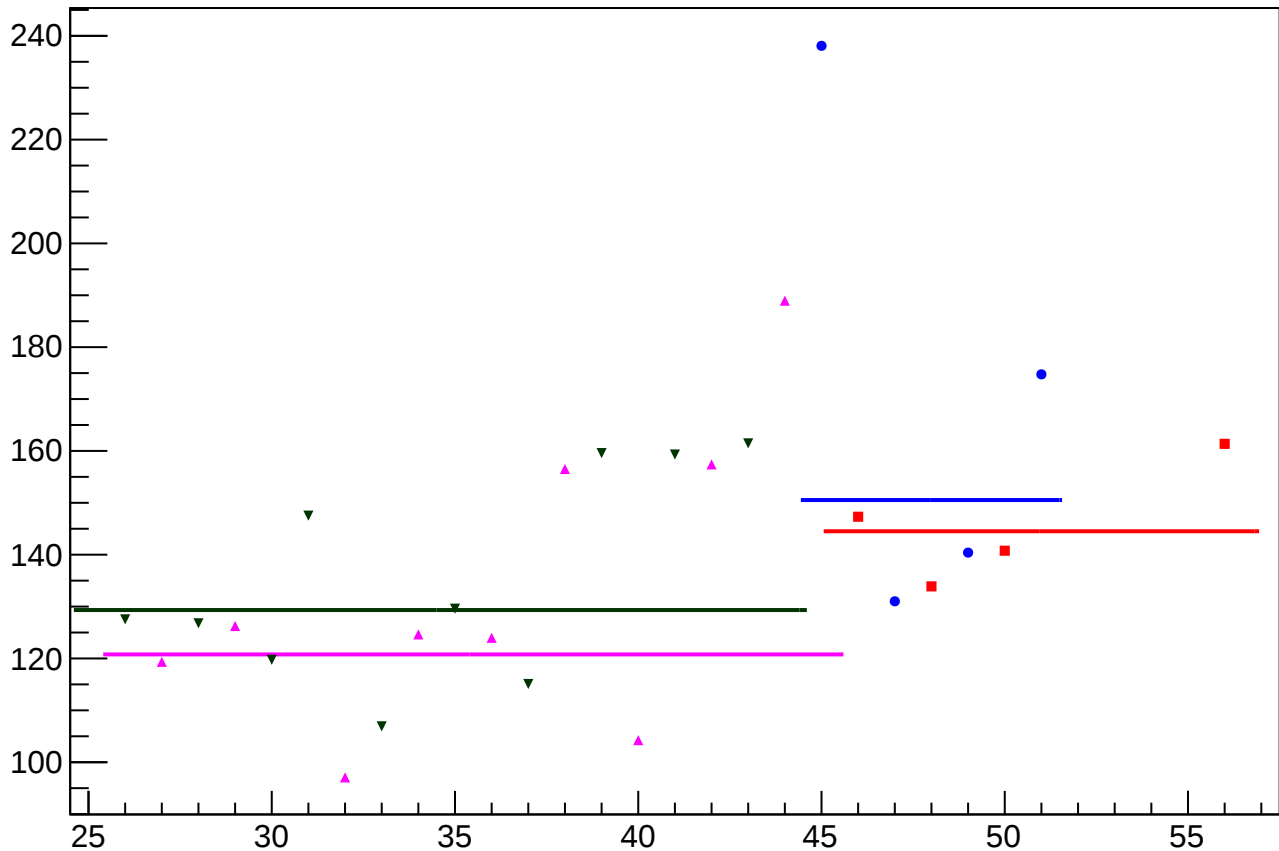
Right Out: 73.035 $\pm$ 108.016 χ^2 /NDF: 3.7/3

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

73.351 $\pm$ 51.149 χ^2 /NDF: 29.9/13

6.337 $\pm$ 47.029 χ^2 /NDF: 5.4/12

asym_bcm_an_ds3_rms vs slug



Right In: 150.532 ± 0.079 χ^2/NDF : 184503.1/3

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

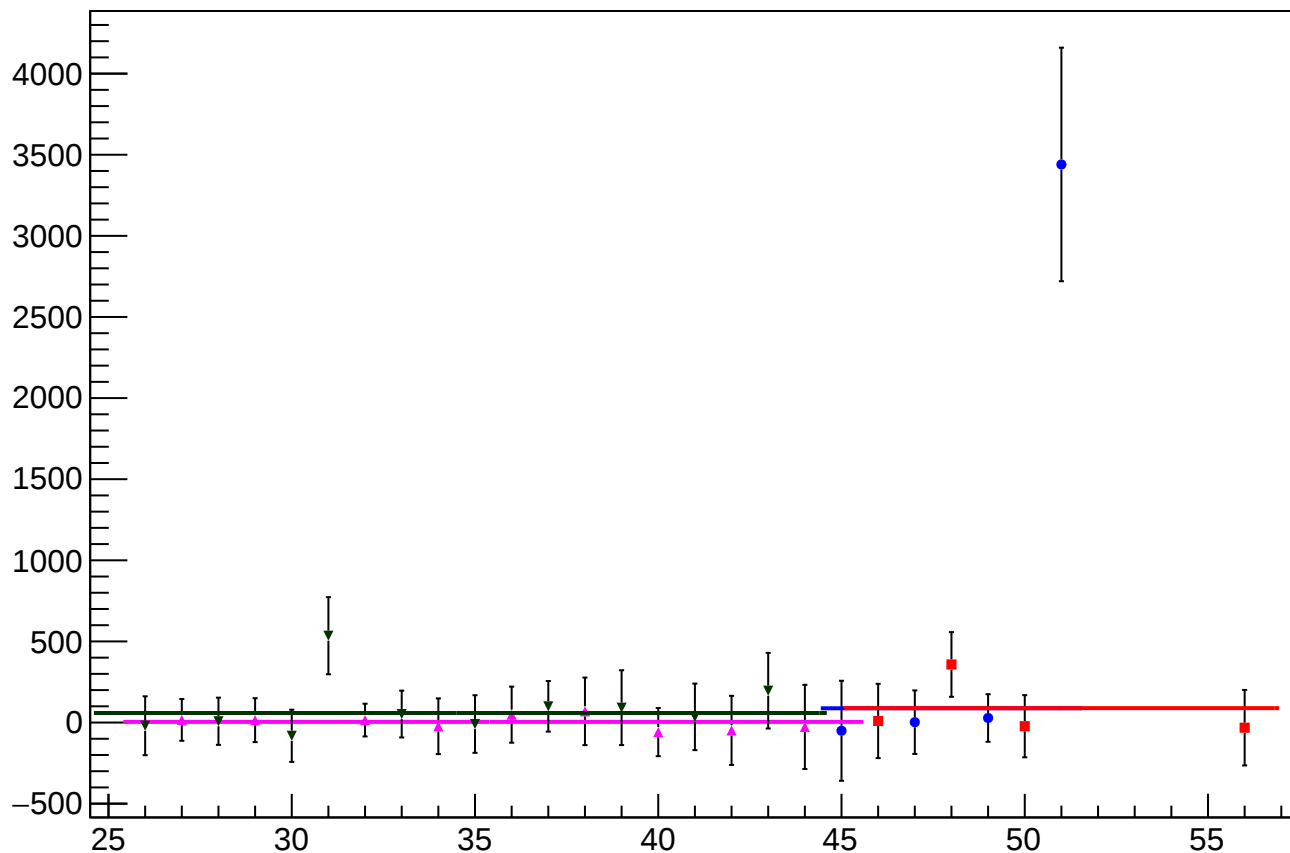
Right Out: 144.514 ± 0.076 χ^2/NDF : 16501.0/3

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

133.814 ± 0.036 χ^2/NDF : 430562.9/13

125.279 ± 0.033 χ^2/NDF : 471175.8/12

asym_bcm_an_us_mean vs slug



Right In: 87.817+/-108.441 χ^2 /NDF: 22.2/3

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

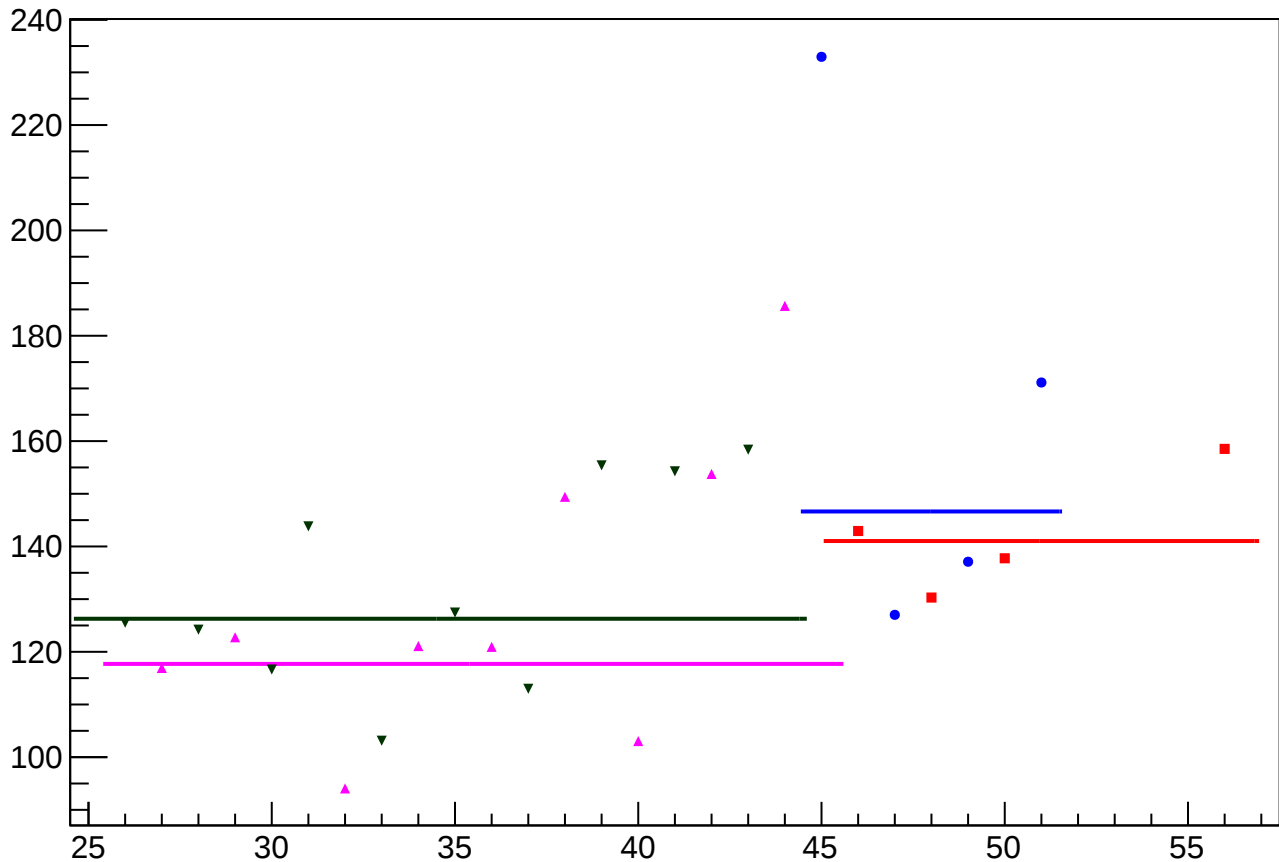
Right Out: 88.821+/-105.448 χ^2 /NDF: 2.5/3

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

64.997+/-49.955 χ^2 /NDF: 28.0/13

20.109+/-45.841 χ^2 /NDF: 3.5/12

asym_bcm_an_us_rms vs slug



Right In: 146.642 ± 0.077 χ^2/NDF : 187605.9/3

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

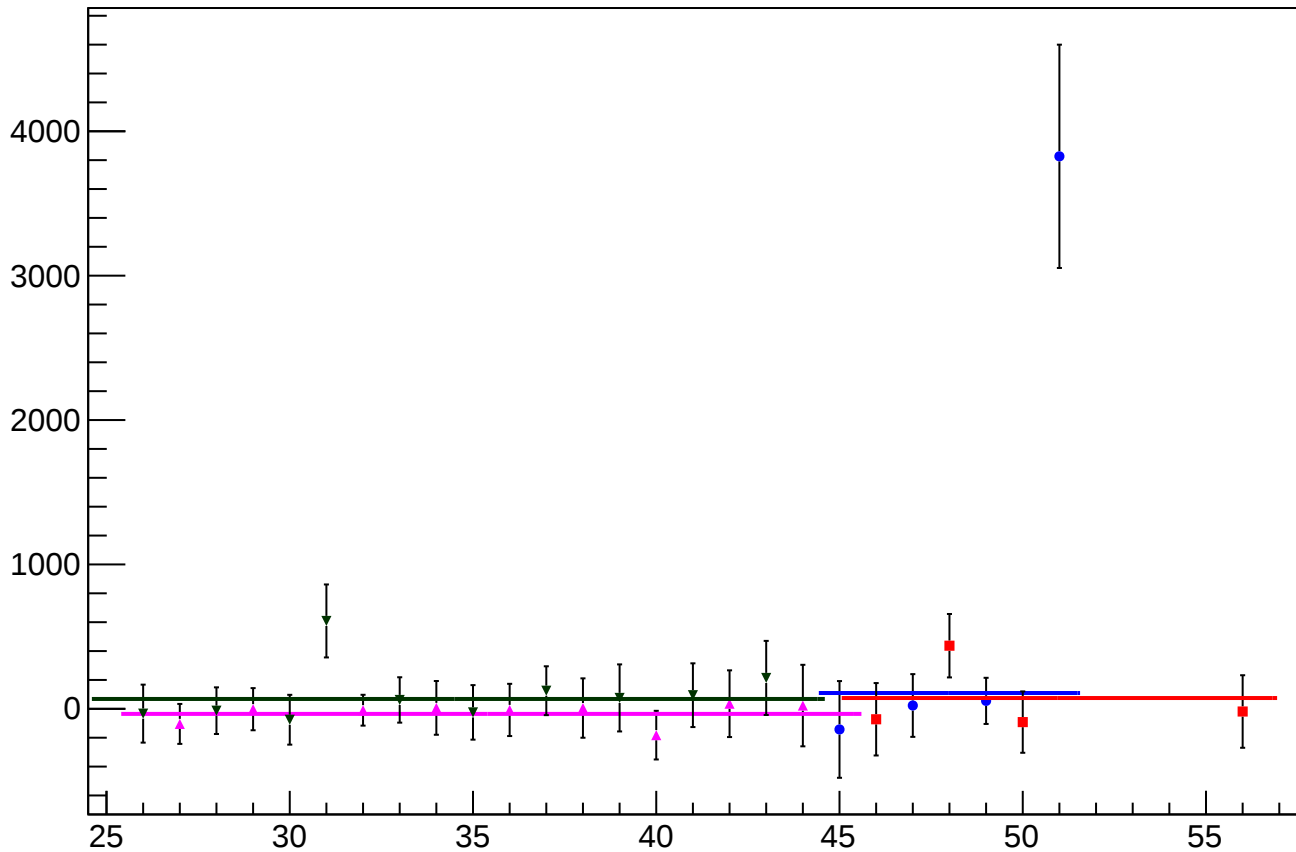
Right Out: 141.032 ± 0.075 χ^2/NDF : 17811.5/3

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

130.598 ± 0.035 χ^2/NDF : 434842.6/13

122.114 ± 0.032 χ^2/NDF : 472061.6/12

asym_bcm_dg_us_mean vs slug



Right In: 109.568+/-118.725 χ^2/NDF : 23.9/3

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

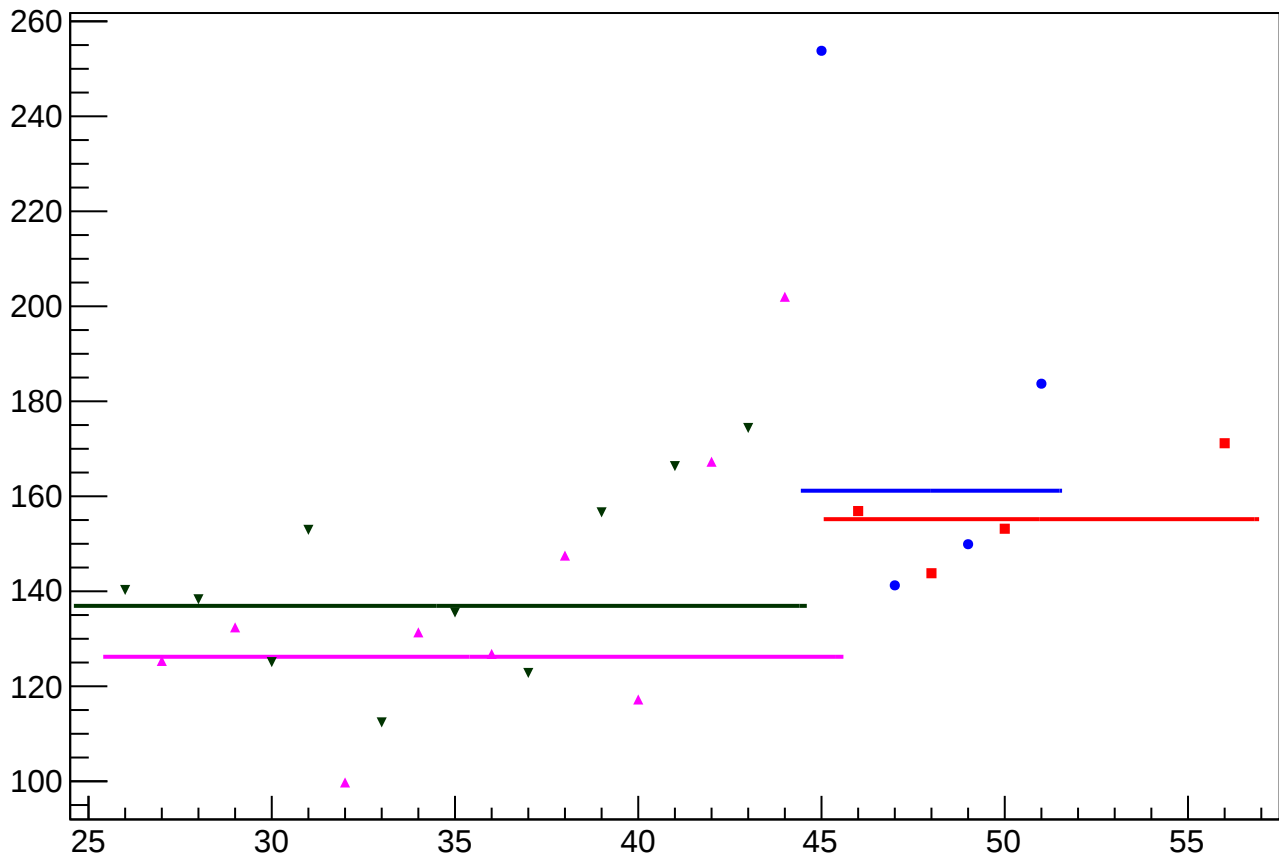
Right Out: 74.798+/-115.764 χ^2/NDF : 3.8/3

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

76.870+/-54.150 χ^2/NDF : 30.5/13

-15.148+/-49.321 χ^2/NDF : 5.9/12

asym_bcm_dg_us_rms vs slug



Right In: 161.174 ± 0.084 χ^2/NDF : 181386.9/3

Left Out: 136.932 ± 0.043 χ^2/NDF : 173473.1/9

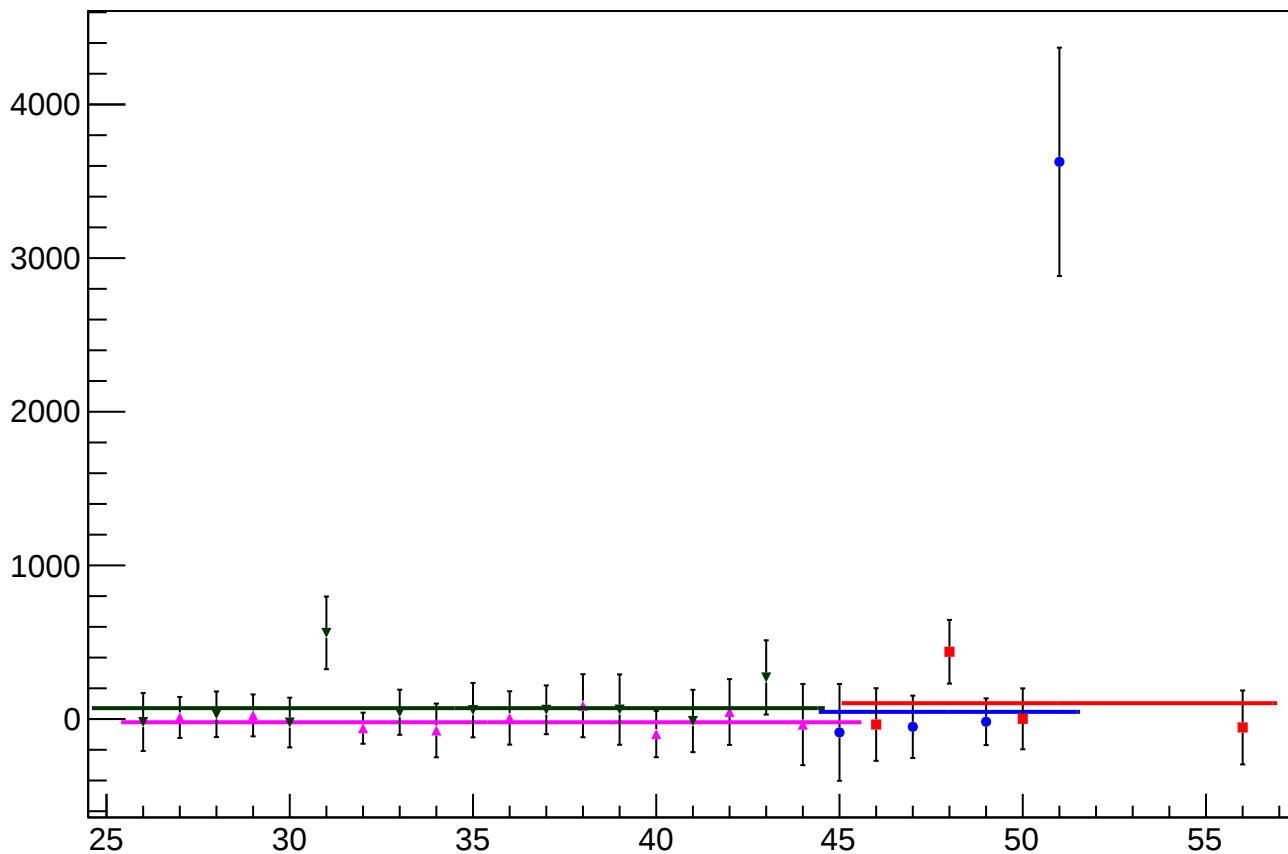
Right Out: 155.184 ± 0.082 χ^2/NDF : 13740.9/3

Left In: 126.213 ± 0.039 χ^2/NDF : 362550.8/8

141.975 ± 0.038 χ^2/NDF : 420898.4/13

131.472 ± 0.035 χ^2/NDF : 478813.6/12

asym_bcm_dg_ds_mean vs slug



Right In: 46.711+/-112.227 χ^2/NDF : 23.8/3

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

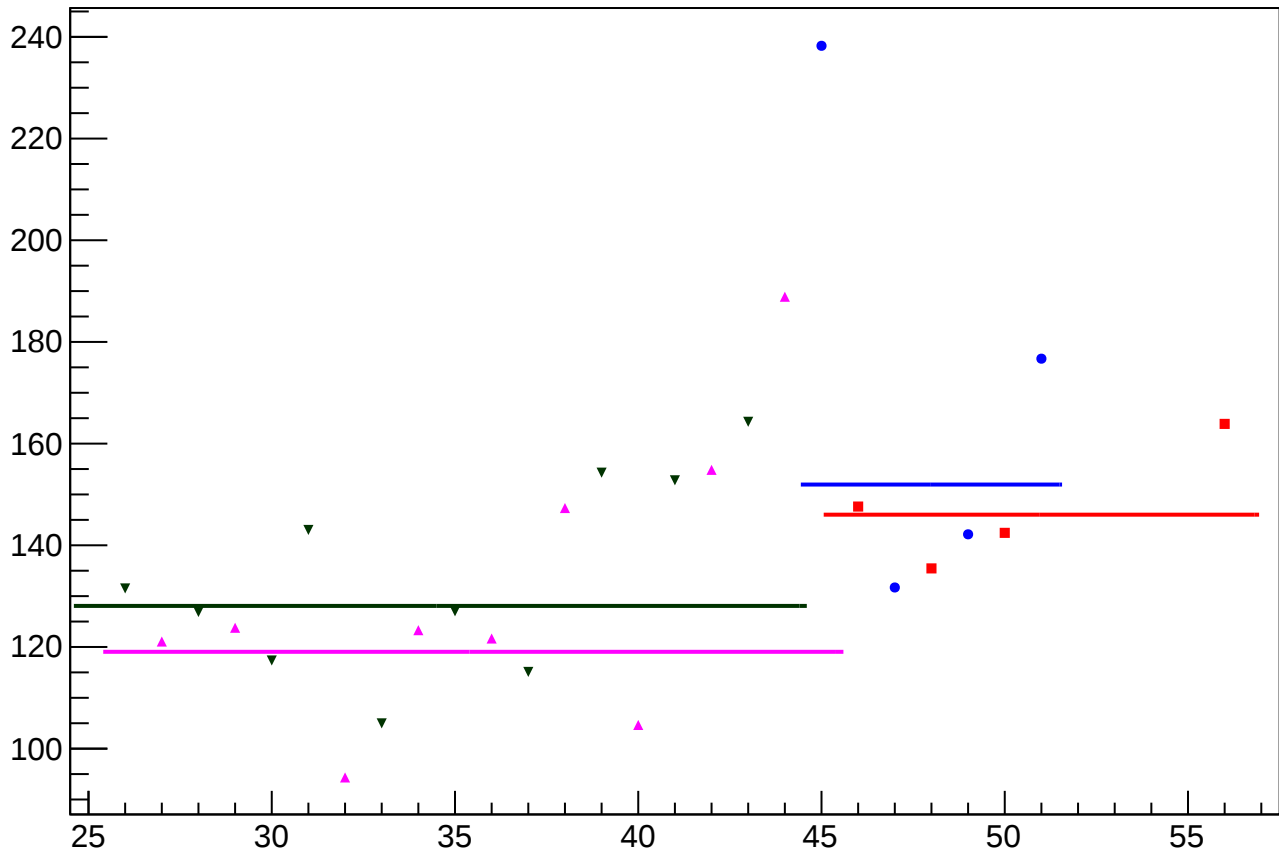
Right Out: 103.101+/-109.164 χ^2/NDF : 3.7/3

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

65.888+/-50.807 χ^2/NDF : 29.7/13

1.577+/-46.544 χ^2/NDF : 5.8/12

asym_bcm_dg_ds_rms vs slug



Right In: 151.948 ± 0.079 χ^2/NDF : 180497.3/3

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

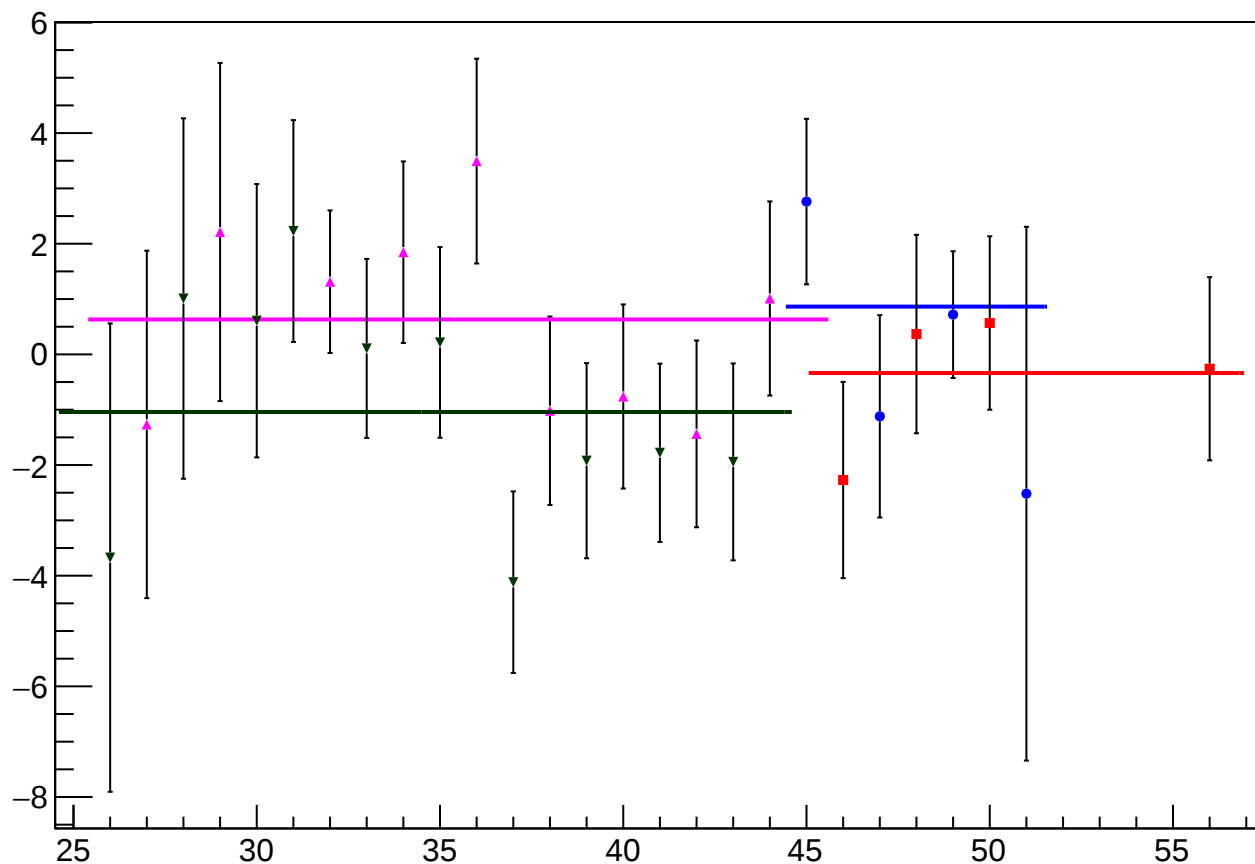
Right Out: 146.022 ± 0.077 χ^2/NDF : 16958.6/3

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

132.970 ± 0.036 χ^2/NDF : 433711.6/13

123.953 ± 0.033 χ^2/NDF : 493035.0/12

asym_cav4bQ_mean vs slug



Right In: 0.863 $\pm$ 0.803 χ^2 /NDF: 3.3/3

Left Out: -1.041 $\pm$ 0.611 χ^2 /NDF: 9.2/9

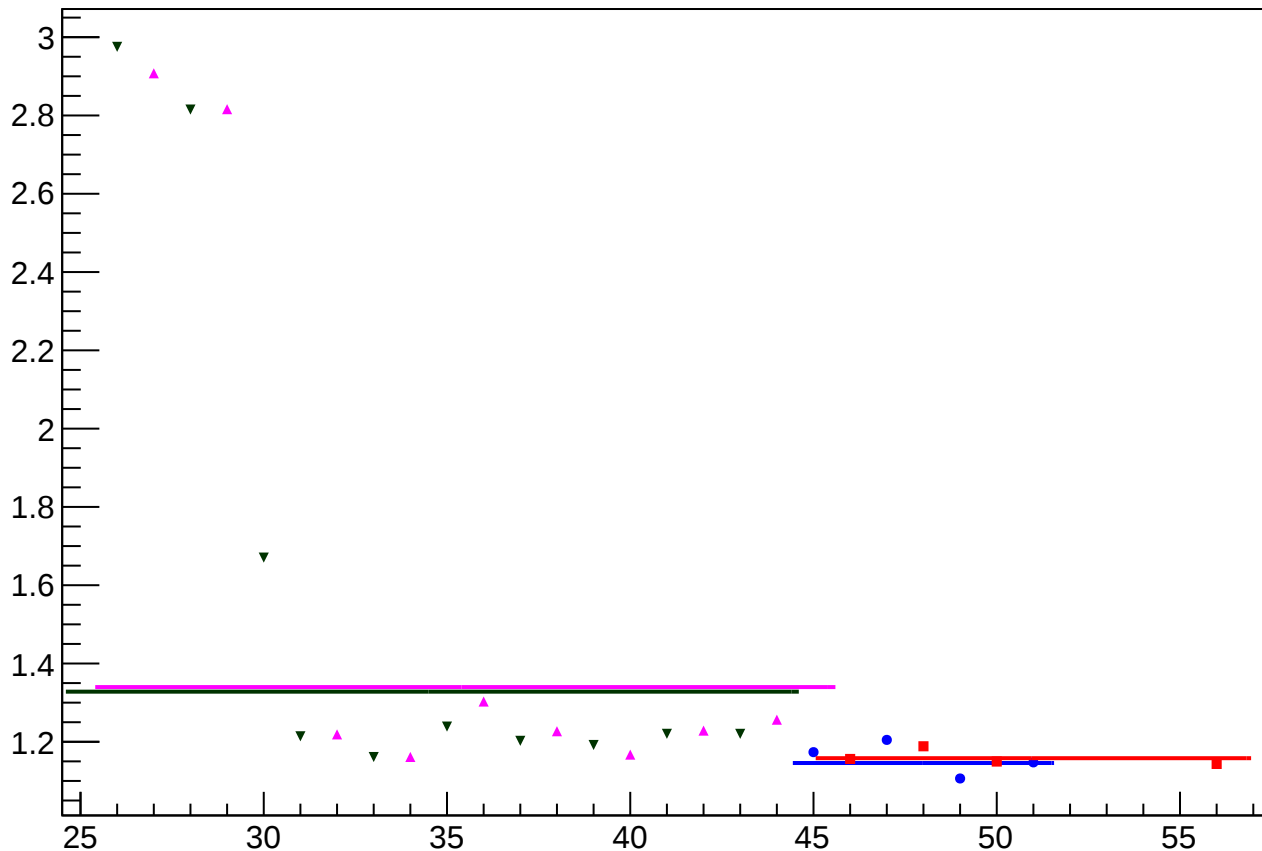
Right Out: -0.337 $\pm$ 0.845 χ^2 /NDF: 1.7/3

Left In: 0.631 $\pm$ 0.592 χ^2 /NDF: 7.0/8

-0.342 $\pm$ 0.486 χ^2 /NDF: 16.0/13

0.313 $\pm$ 0.485 χ^2 /NDF: 9.6/12

asym_cav4bQ_rms vs slug



Right In: 1.146+/-0.001 χ^2/NDF : 5156.0/3

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

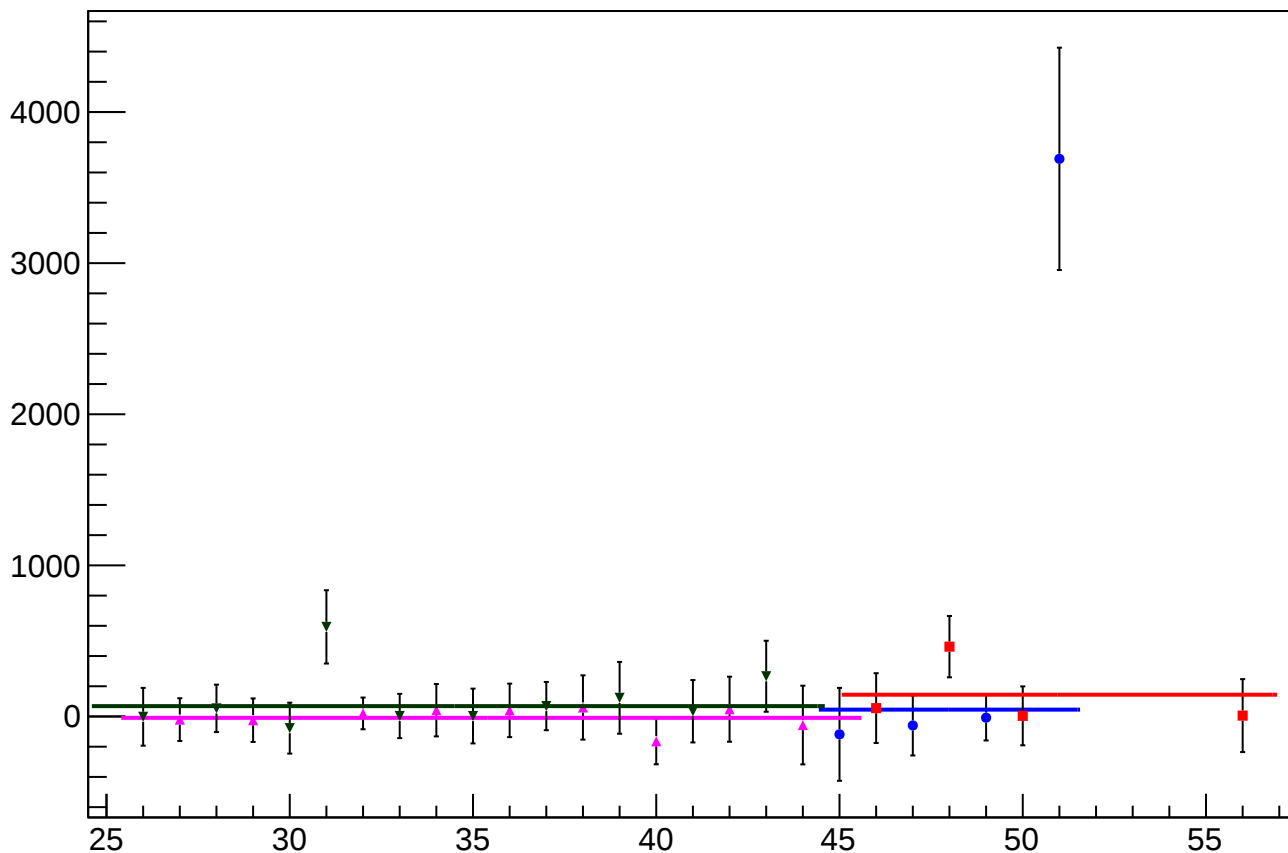
Right Out: 1.158+/-0.001 χ^2/NDF : 795.2/3

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

1.261+/-0.000 χ^2/NDF : 901578.1/13

1.280+/-0.000 χ^2/NDF : 1113755.3/12

asym_cav4cQ_mean vs slug



Right In: 45.294+/-110.548 χ^2/NDF : 25.2/3

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

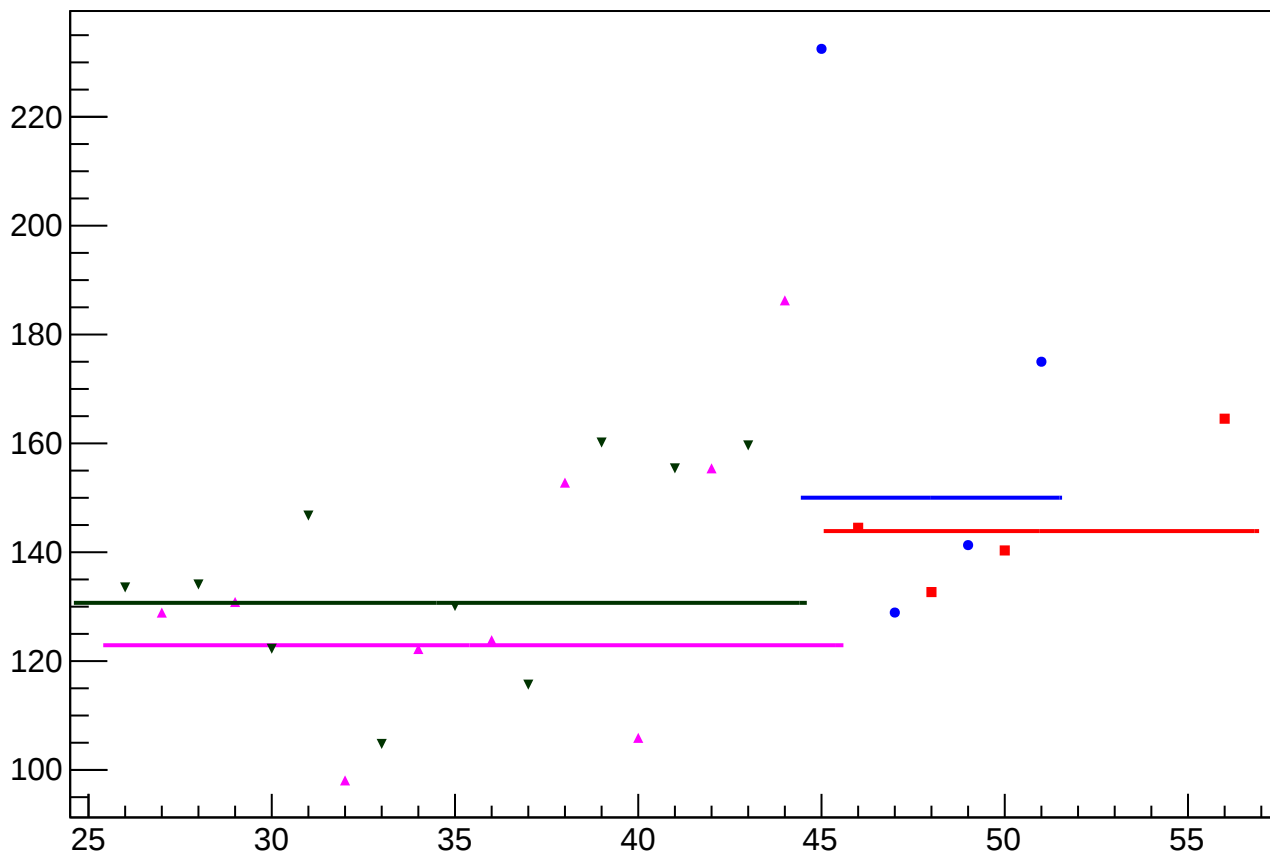
Right Out: 144.116+/-107.510 χ^2/NDF : 3.4/3

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

63.490+/-51.462 χ^2/NDF : 32.0/13

20.915+/-47.550 χ^2/NDF : 6.6/12

asym_cav4cQ_rms vs slug



Right In: 150.022+/-0.078 χ^2/NDF : 175525.7/3

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

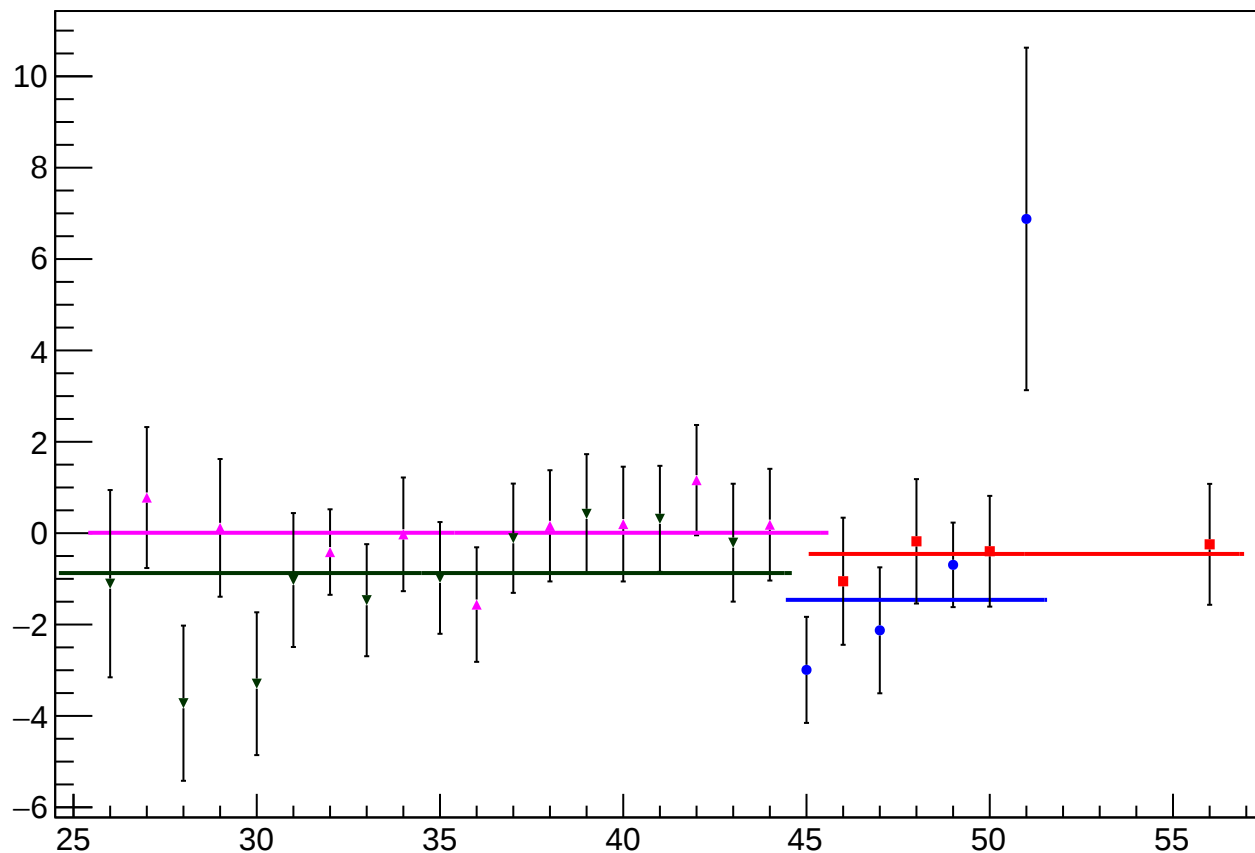
Right Out: 143.888+/-0.076 χ^2/NDF : 21420.2/3

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

134.890+/-0.036 χ^2/NDF : 408566.0/13

127.017+/-0.034 χ^2/NDF : 432932.0/12

asym_cav4dQ_mean vs slug



Right In: -1.459+/-0.631 χ^2/NDF : 7.6/3

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

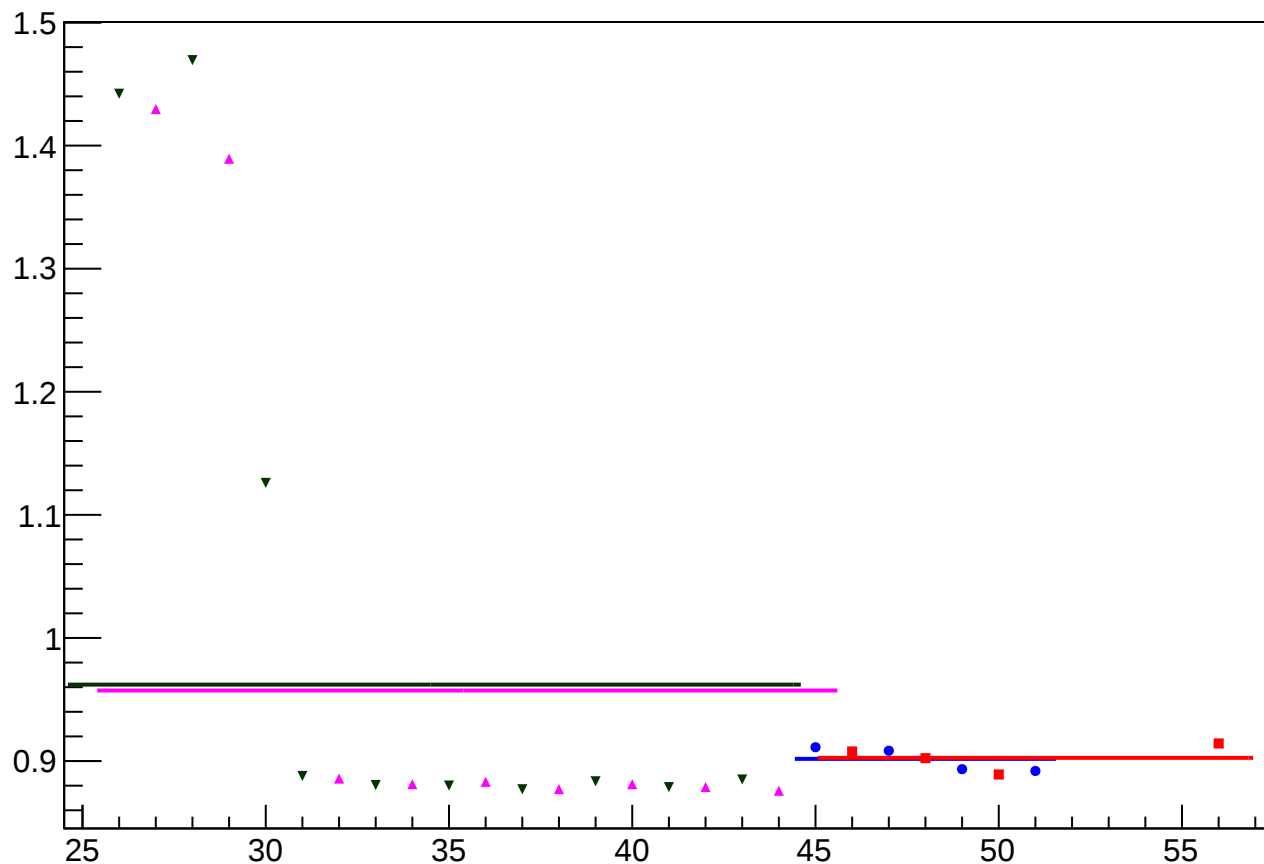
Right Out: -0.455+/-0.658 χ^2/NDF : 0.3/3

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

-1.058+/-0.355 χ^2/NDF : 16.4/13

-0.121+/-0.348 χ^2/NDF : 3.6/12

asym_cav4dQ_rms vs slug



Right In: 0.902+/-0.000 χ^2/NDF : 356.7/3

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

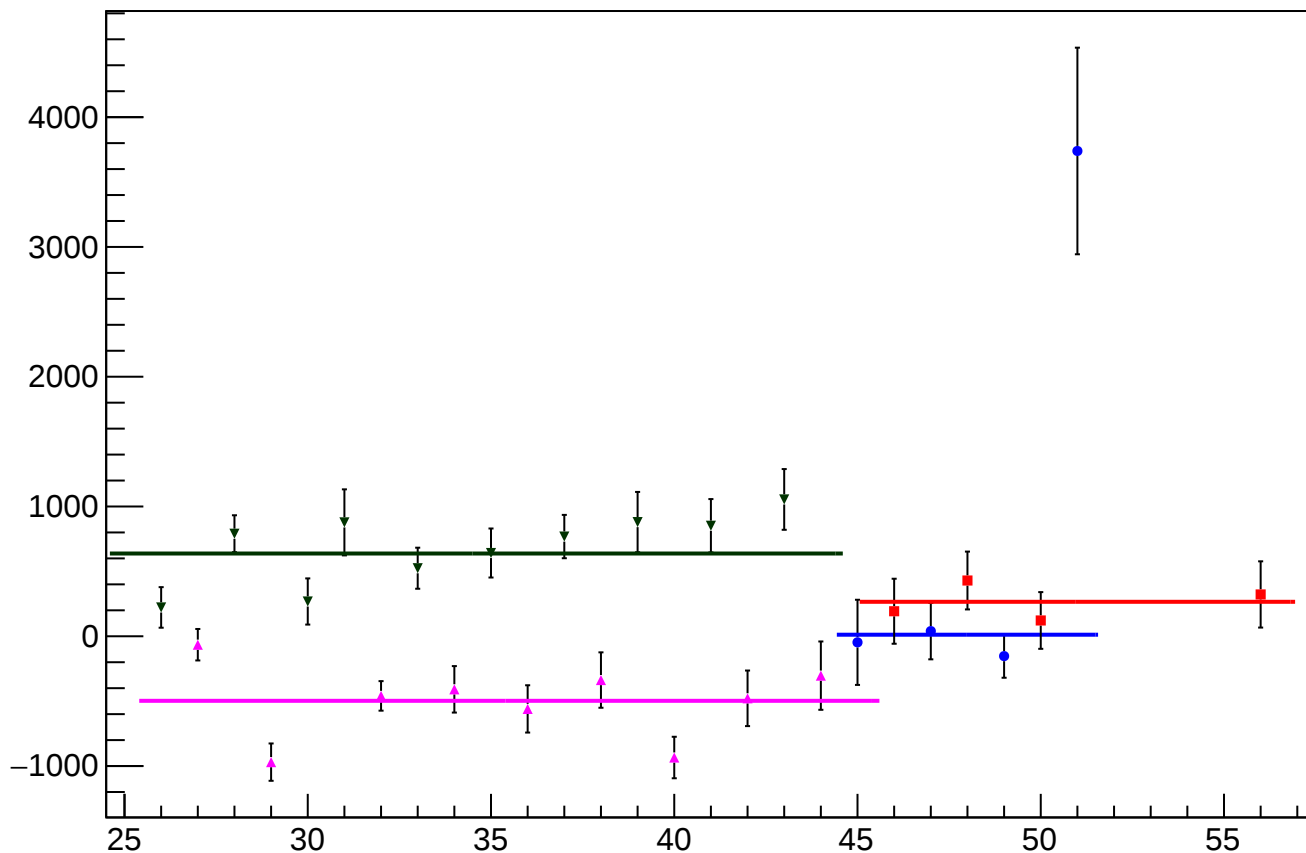
Right Out: 0.903+/-0.000 χ^2/NDF : 432.3/3

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

0.943+/-0.000 χ^2/NDF : 380715.9/13

0.942+/-0.000 χ^2/NDF : 421666.7/12

asym_bcm0l02_mean vs slug



Right In: 12.013+/-121.330 χ^2/NDF : 23.0/3

Left Out: 637.702+/-57.571 χ^2/NDF :19.9/9

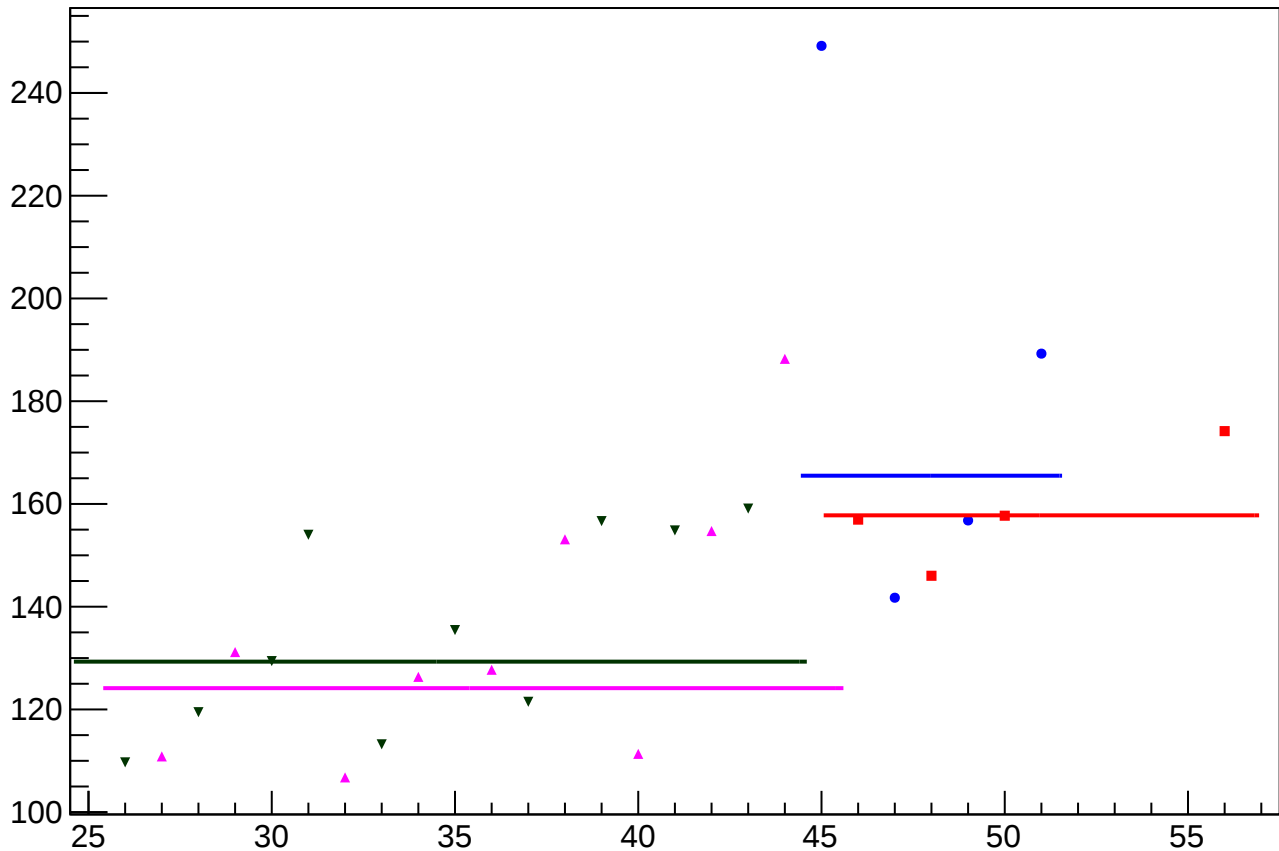
Right Out: 265.626+/-117.553 χ^2/NDF : 1.1/3

Left In: -497.375+/-53.287 χ^2/NDF :32.6/8

522.718+/-52.013 χ^2/NDF : 64.5/13

-367.315+/-48.534 χ^2/NDF : 68.6/12

asym_bcm0l02_rms vs slug



Right In: 165.499 ± 0.086 χ^2/NDF : 161121.5/3

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

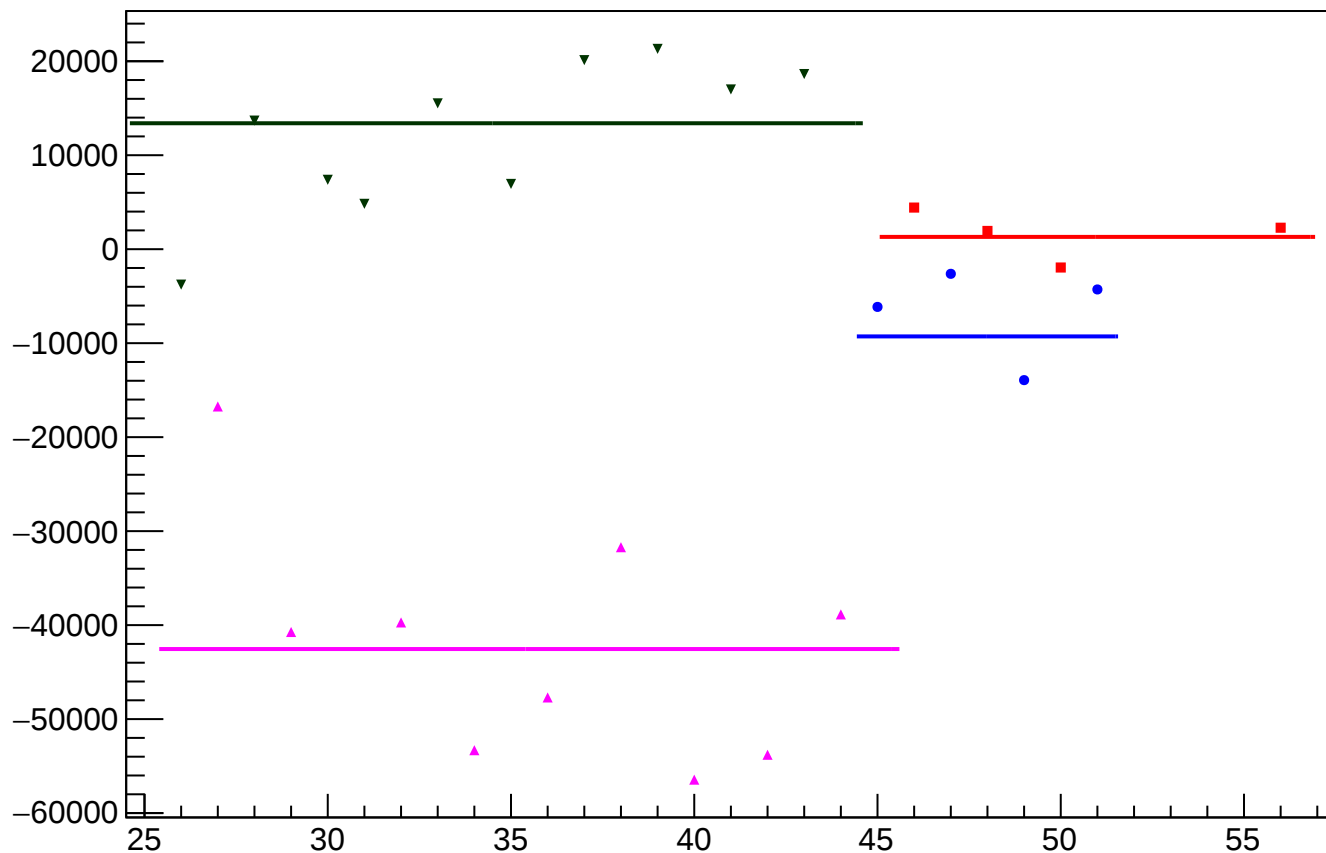
Right Out: 157.784 ± 0.083 χ^2/NDF : 13845.0/3

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

135.957 ± 0.037 χ^2/NDF : 484493.3/13

129.878 ± 0.034 χ^2/NDF : 435202.8/12

asym_bpm2i01WS_mean vs slug



Right In: -9280.829+/-69.244 χ^2/NDF : 4864.1/3

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

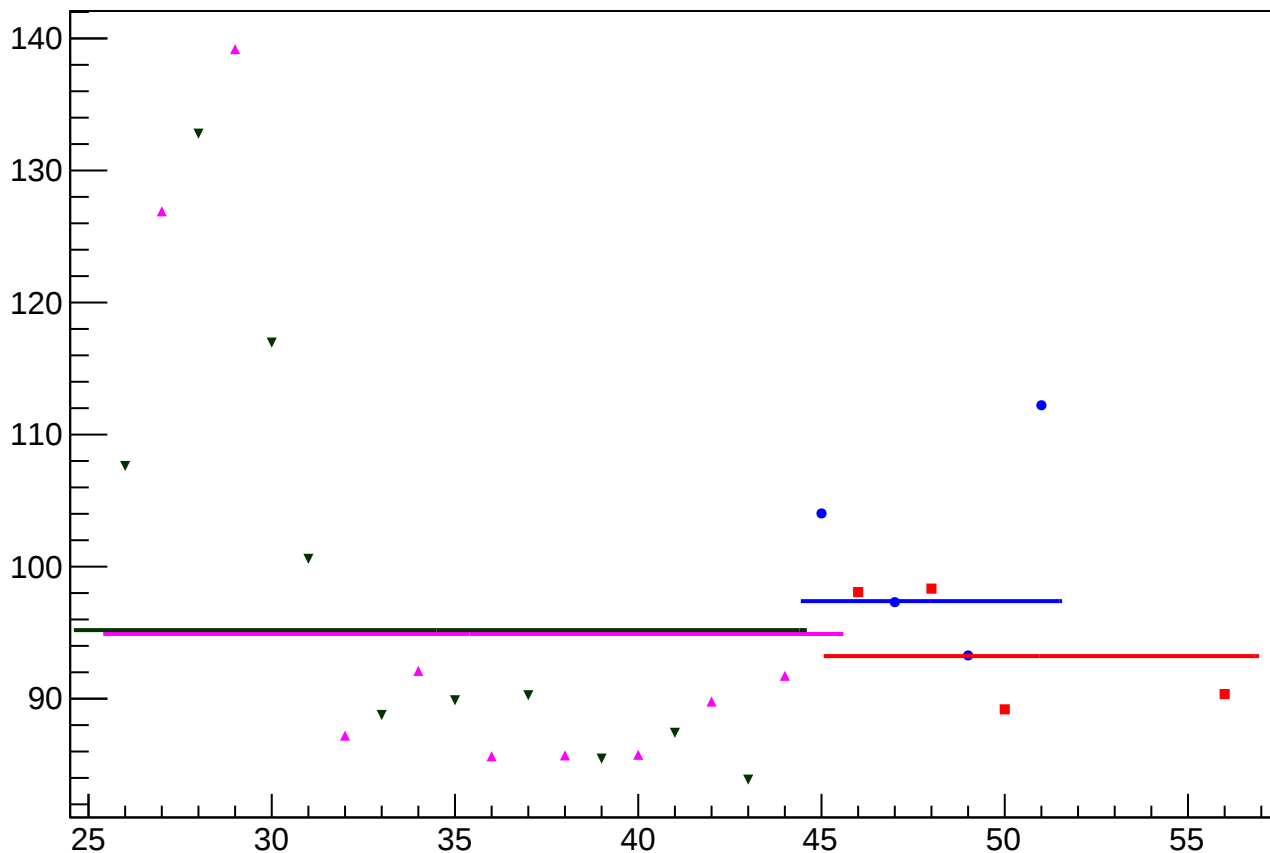
Right Out: 1308.737+/-68.708 χ^2/NDF : 1200.8/3

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

7098.835+/-36.498 χ^2/NDF : 111079.0/13

-30856.267+/-35.472 χ^2/NDF : 371344.0/12

asym_bpm2i01WS_rms vs slug



Right In: 97.388+/-0.049 χ^2/NDF : 10388.5/3

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

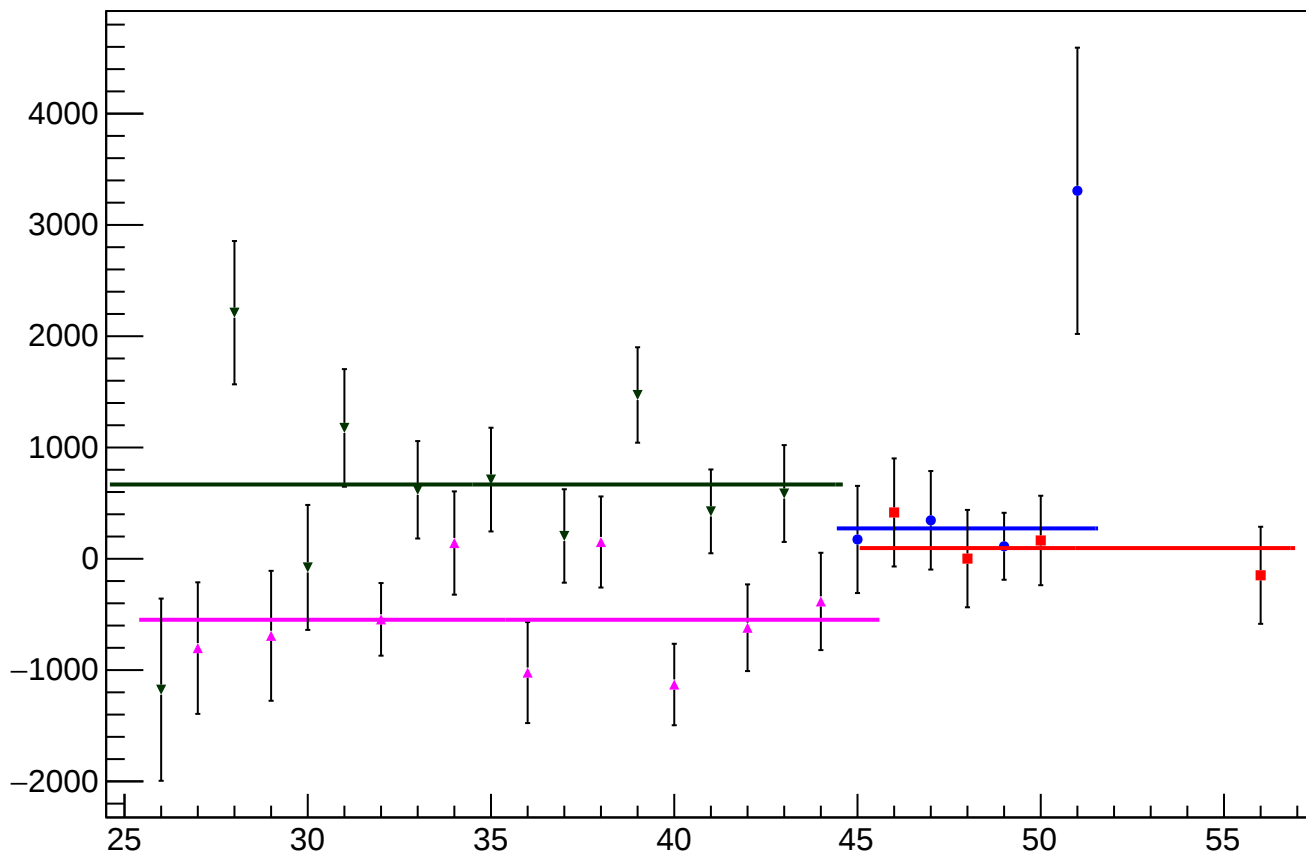
Right Out: 93.226+/-0.049 χ^2/NDF : 7469.0/3

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

95.803+/-0.026 χ^2/NDF : 218429.4/13

94.456+/-0.025 χ^2/NDF : 322619.3/12

asym_bpm0i07WS_mean vs slug



Right In: 273.114 $\pm$ 217.848 χ^2/NDF : 5.9/3

Left Out: 667.747 $\pm$ 150.881 χ^2/NDF :18.7/9

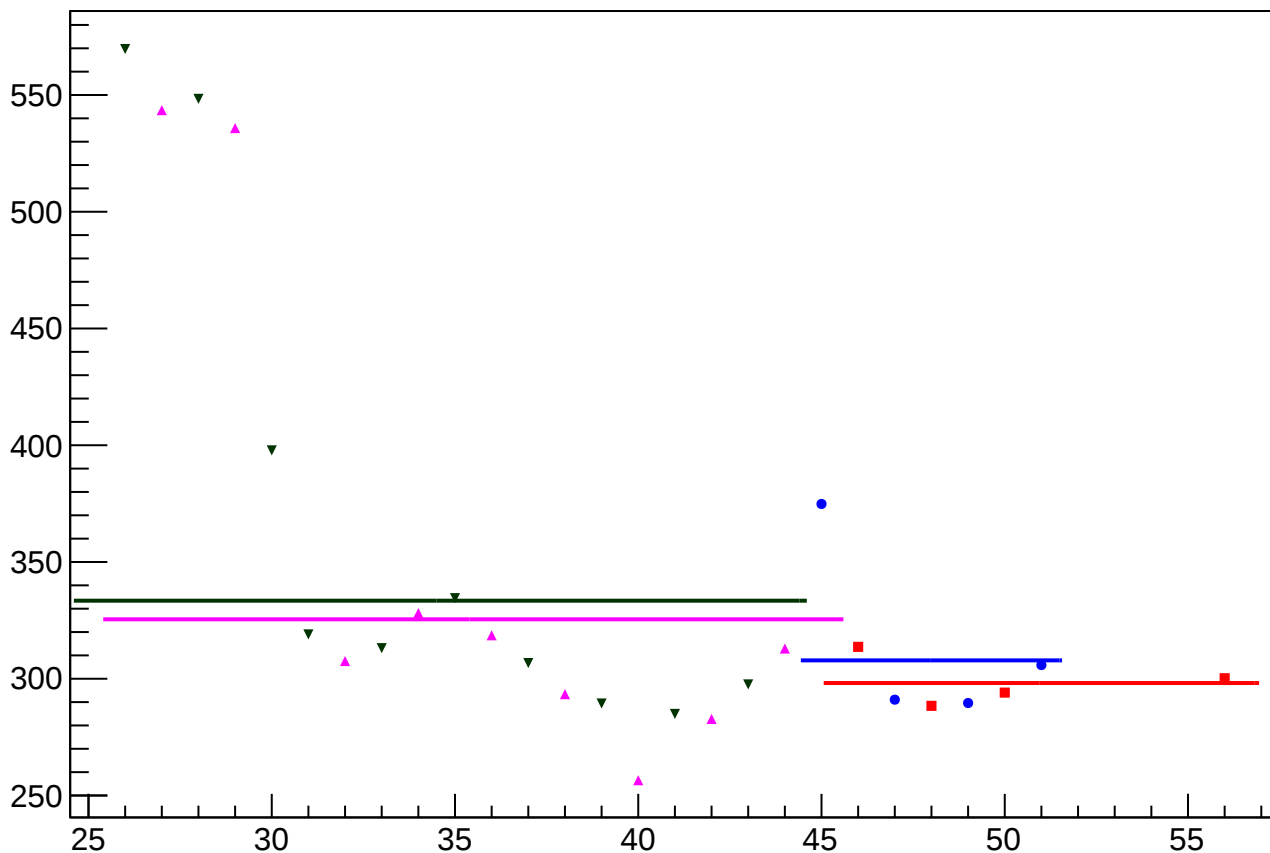
Right Out: 96.299 $\pm$ 218.683 χ^2/NDF : 0.8/3

Left In: -547.894 $\pm$ 141.485 χ^2/NDF :9.2/8

539.813 $\pm$ 124.037 χ^2/NDF : 26.8/13

-357.809 $\pm$ 118.791 χ^2/NDF : 16.1/12

asym_bpm0i07WS_rms vs slug



Right In: 307.865 ± 0.154 χ^2/NDF : 48965.0/3

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

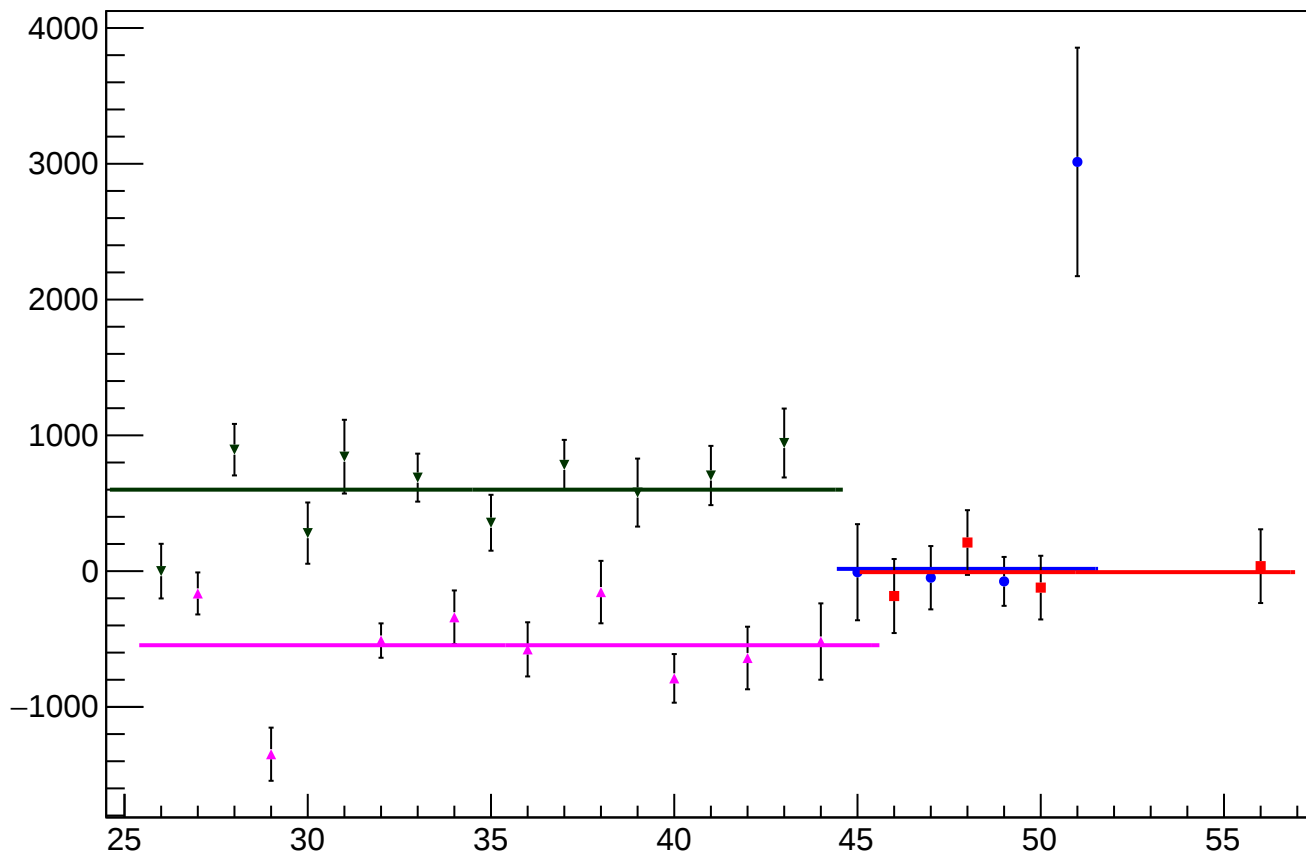
Right Out: 298.170 ± 0.155 χ^2/NDF : 3284.7/3

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

325.141 ± 0.088 χ^2/NDF : 564980.7/13

317.407 ± 0.084 χ^2/NDF : 672465.8/12

asym_bpm0l01WS_mean vs slug



Right In: 16.623+/-130.595 χ^2/NDF : 13.0/3

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

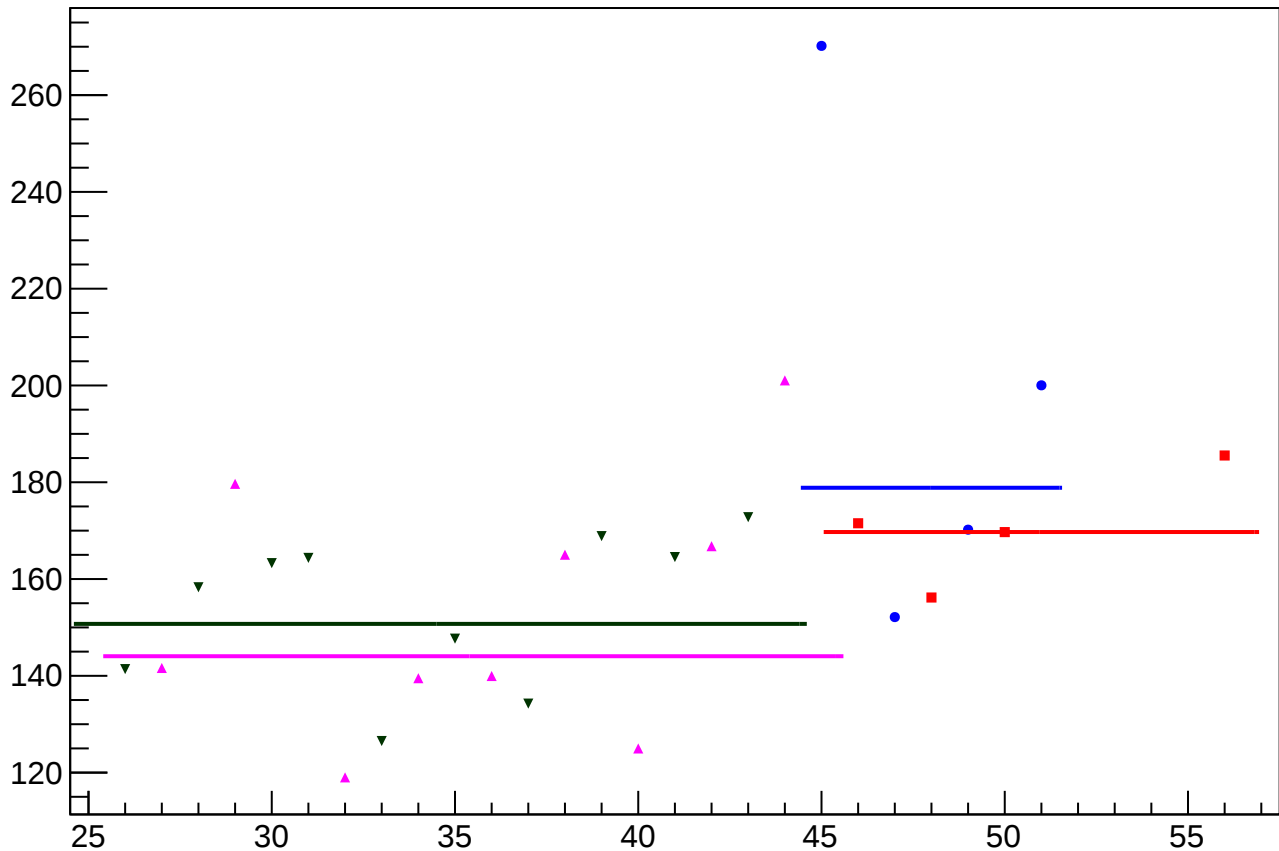
Right Out: -7.370+/-126.178 χ^2/NDF : 1.5/3

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

478.712+/-59.557 χ^2/NDF : 47.7/13

-441.707+/-55.438 χ^2/NDF : 45.2/12

asym_bpm0l01WS_rms vs slug



Right In: 178.863 ± 0.092 χ^2/NDF : 165280.8/3

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

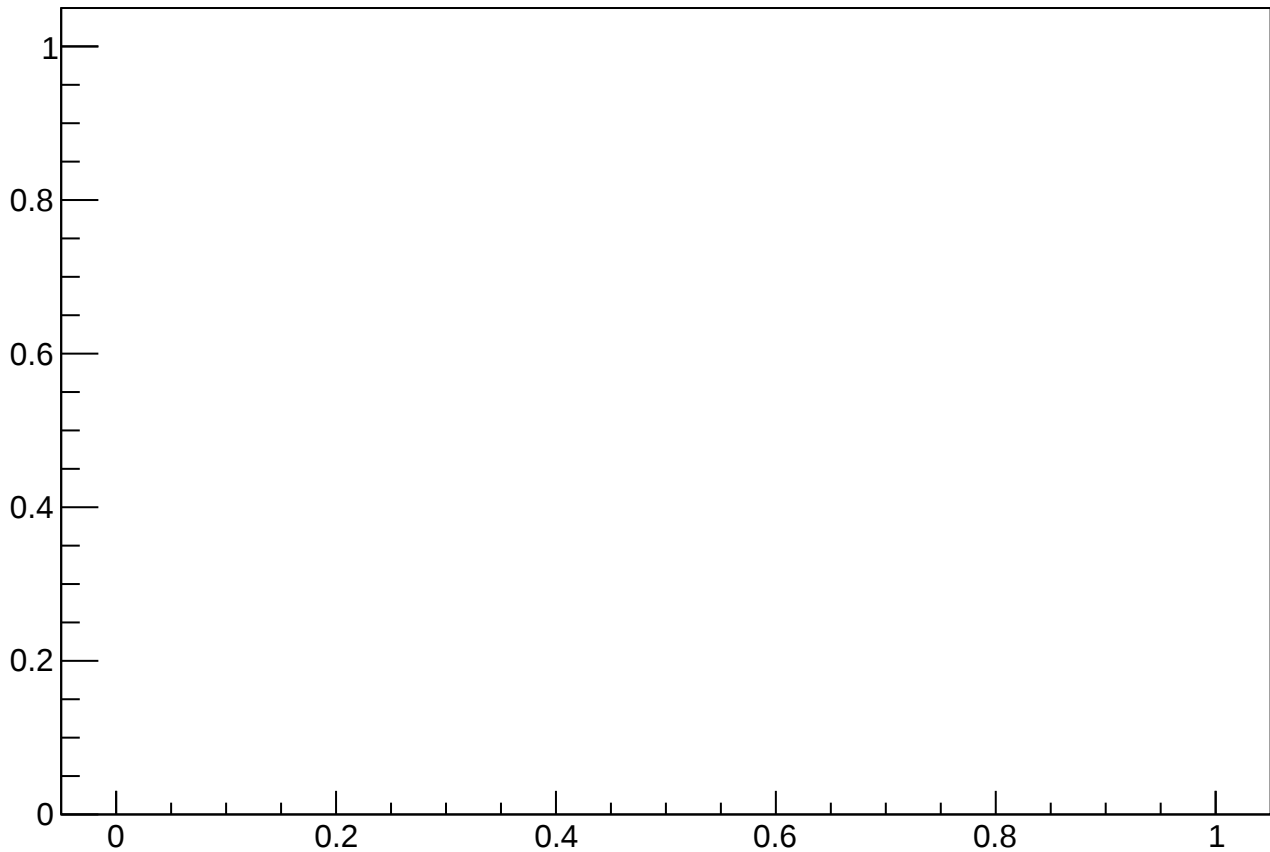
Right Out: 169.716 ± 0.089 χ^2/NDF : 13324.4/3

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

156.583 ± 0.042 χ^2/NDF : 345089.1/13

149.004 ± 0.039 χ^2/NDF : 367883.2/12

bcm_an_us_ds_avg_mean vs slug



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

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

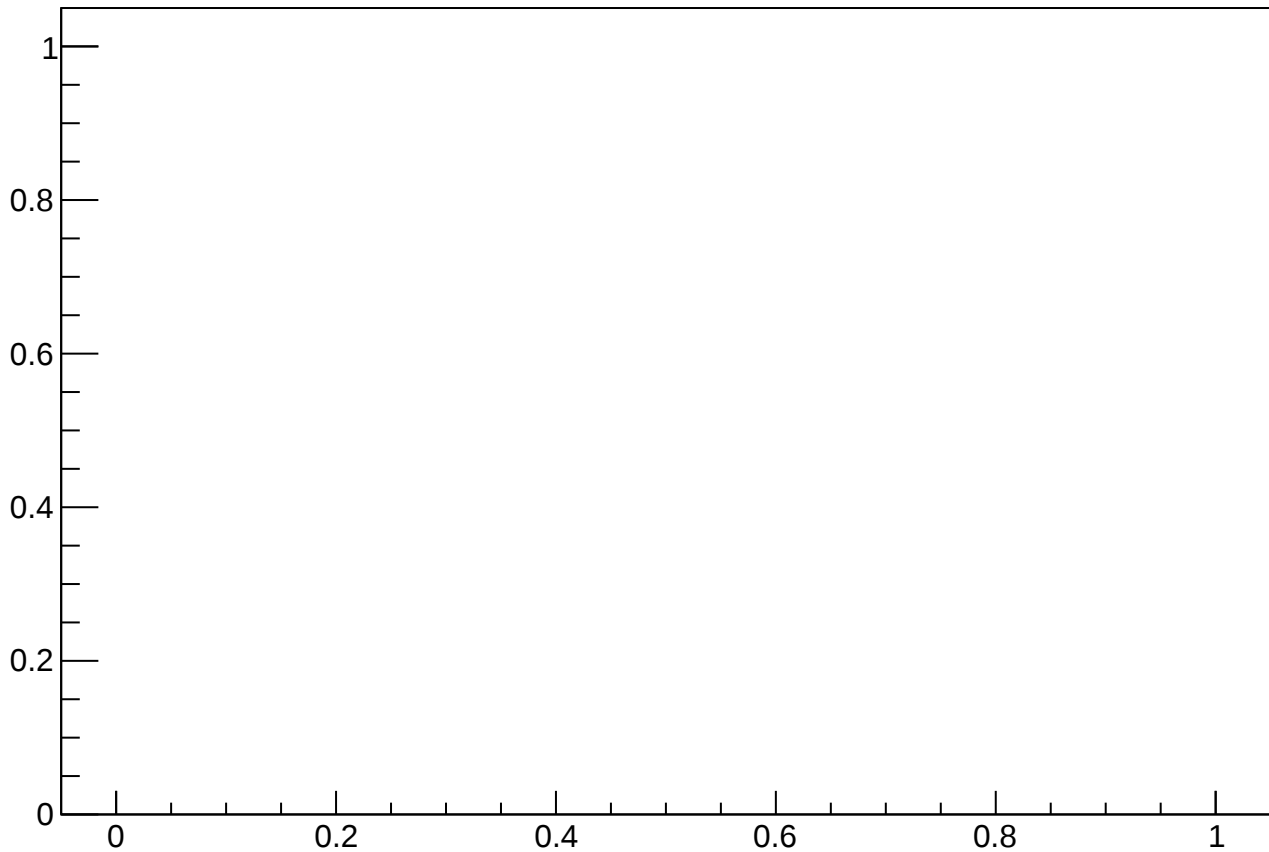
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

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

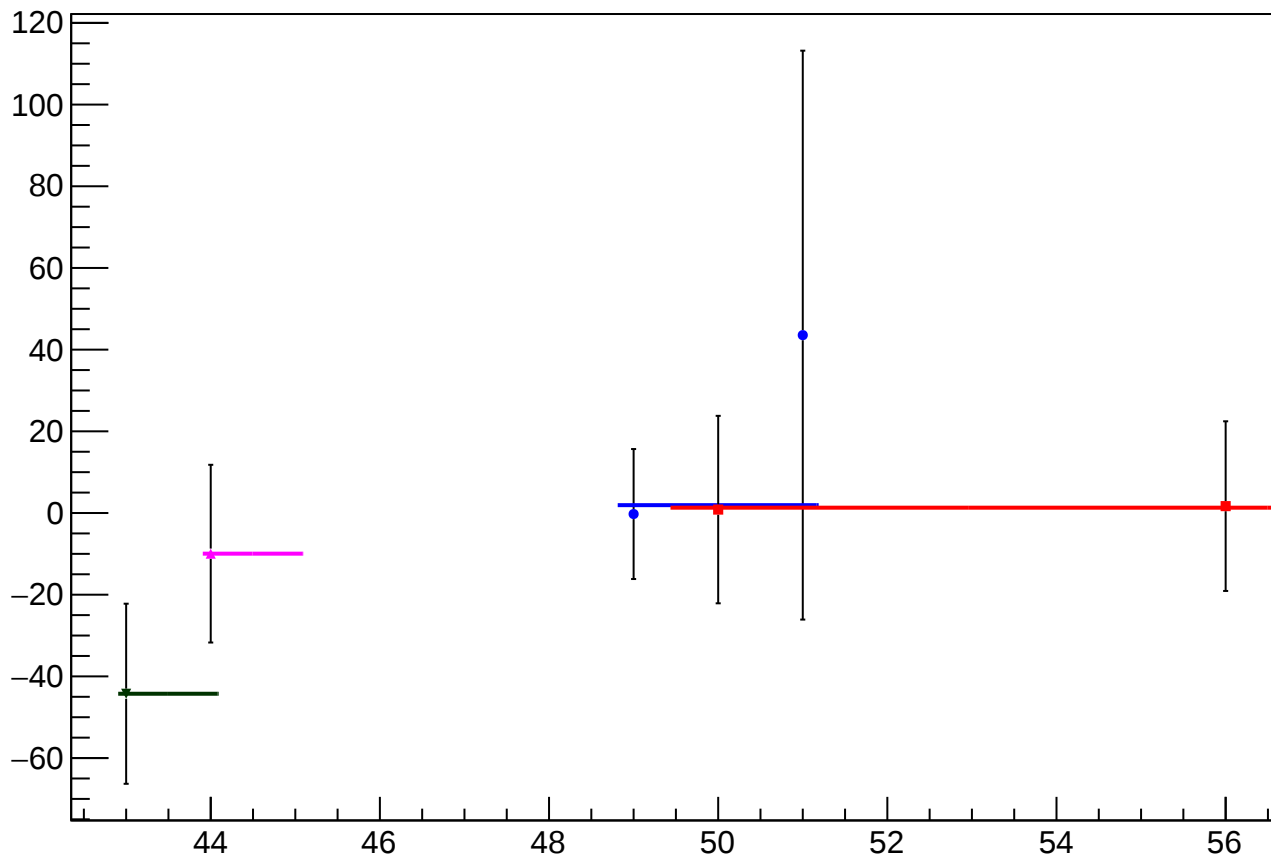
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: 1.924 $\pm$ 15.513 χ^2 /NDF: 0.4/1

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

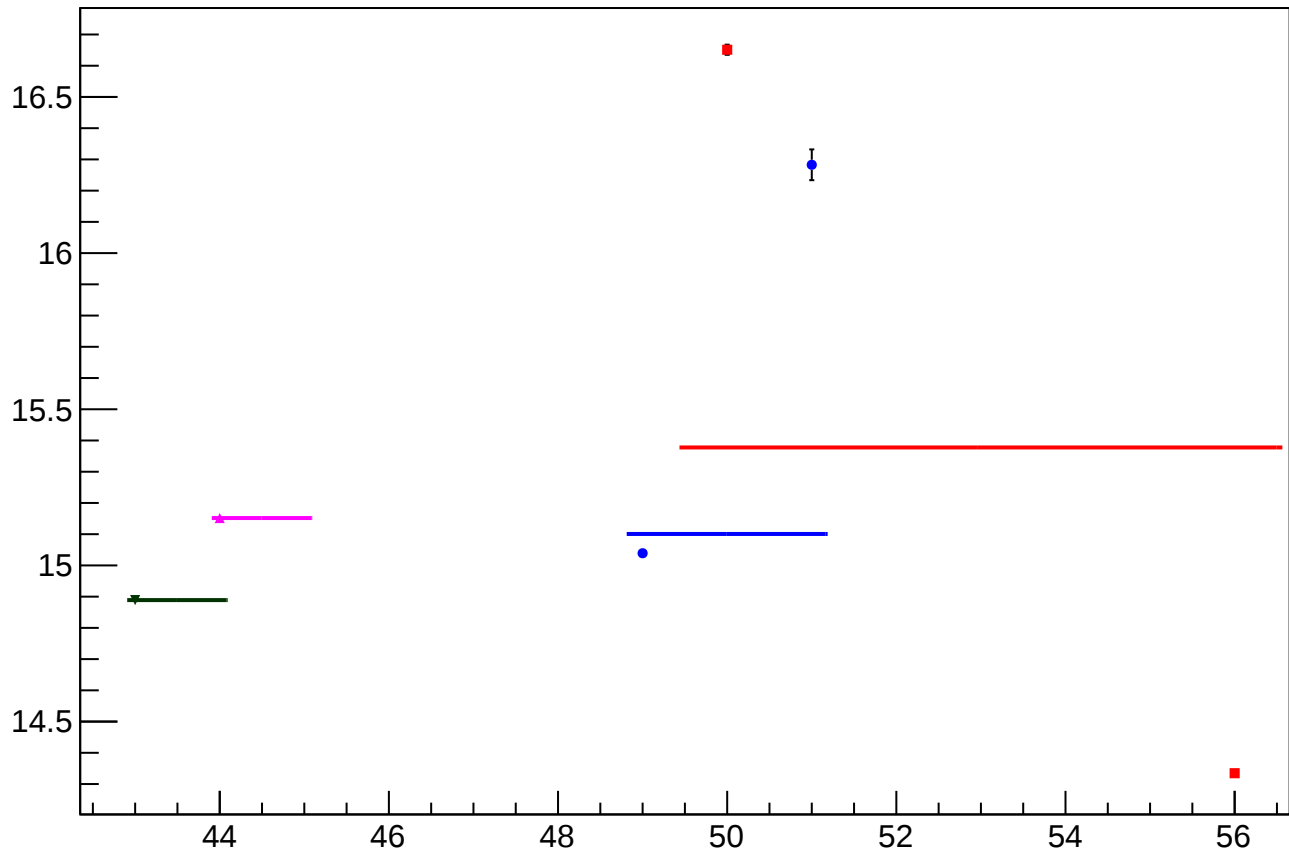
Right Out: 1.305 $\pm$ 15.400 χ^2 /NDF: 0.0/1

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

-13.367 $\pm$ 12.687 χ^2 /NDF: 3.3/2

-2.452 $\pm$ 12.570 χ^2 /NDF: 0.2/2

bcm_an_us_ds_dd _rms vs slug



Right In: 15.101 $\pm$ 0.011 χ^2 /NDF: 606.2/1

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

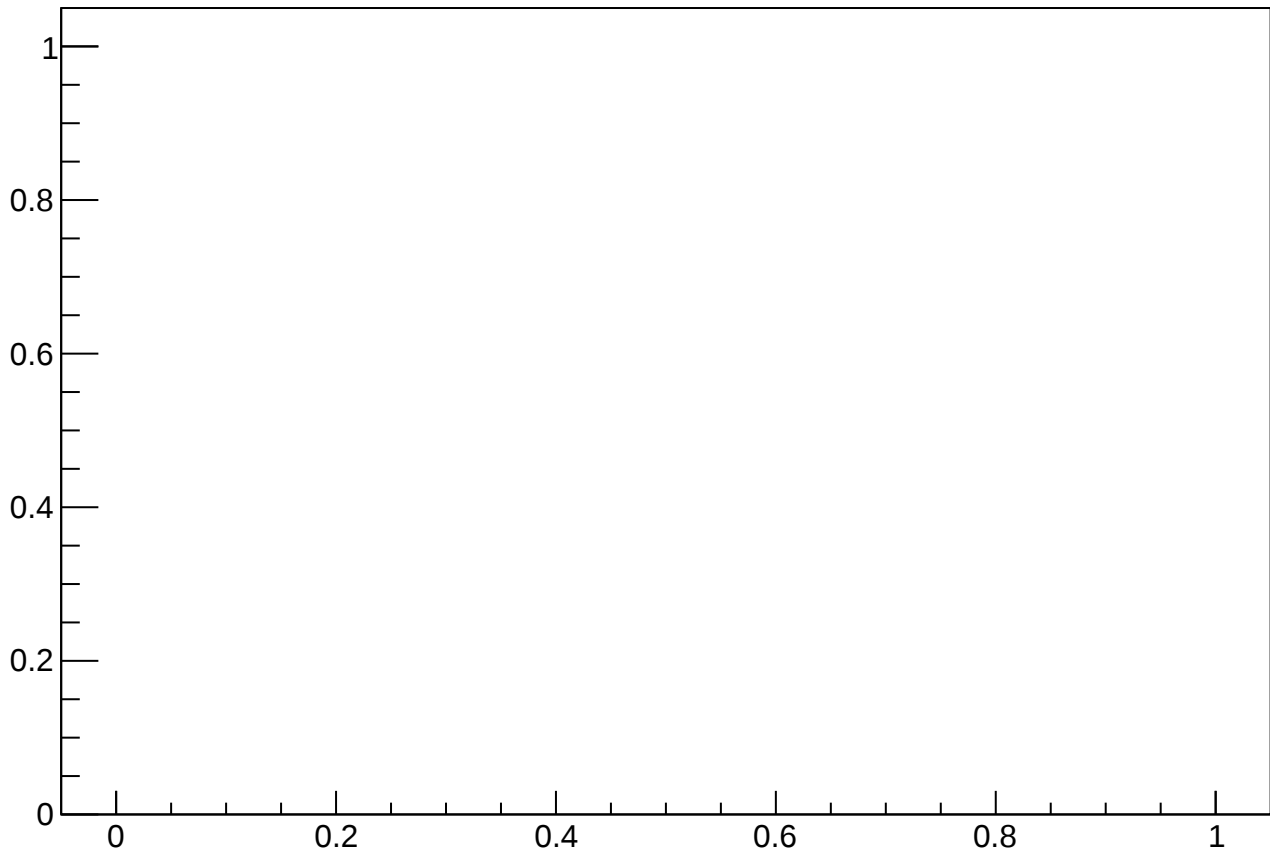
Right Out: 15.378 $\pm$ 0.011 χ^2 /NDF: 11201.9/1

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

15.031 $\pm$ 0.009 χ^2 /NDF: 729.6/2

15.302 $\pm$ 0.009 χ^2 /NDF: 11345.7/2

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

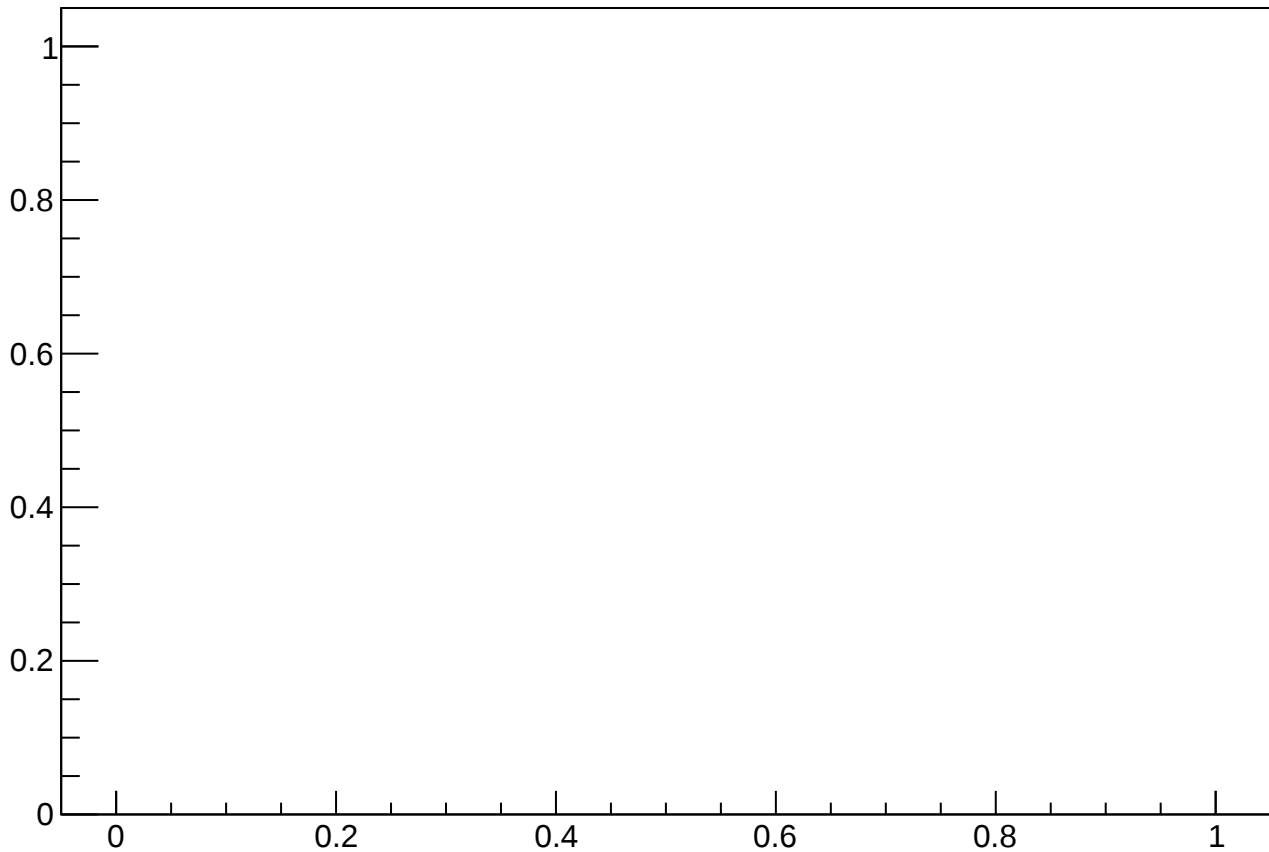
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

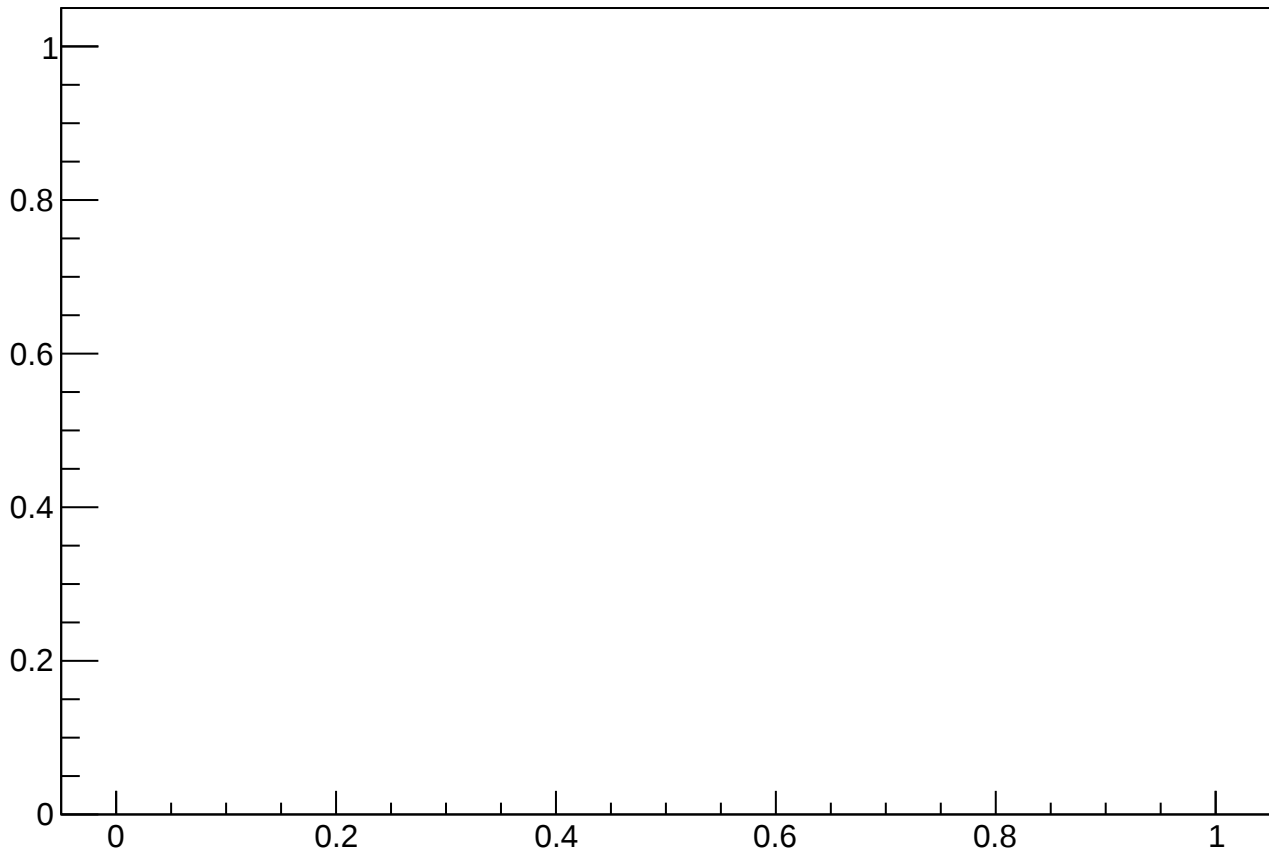
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

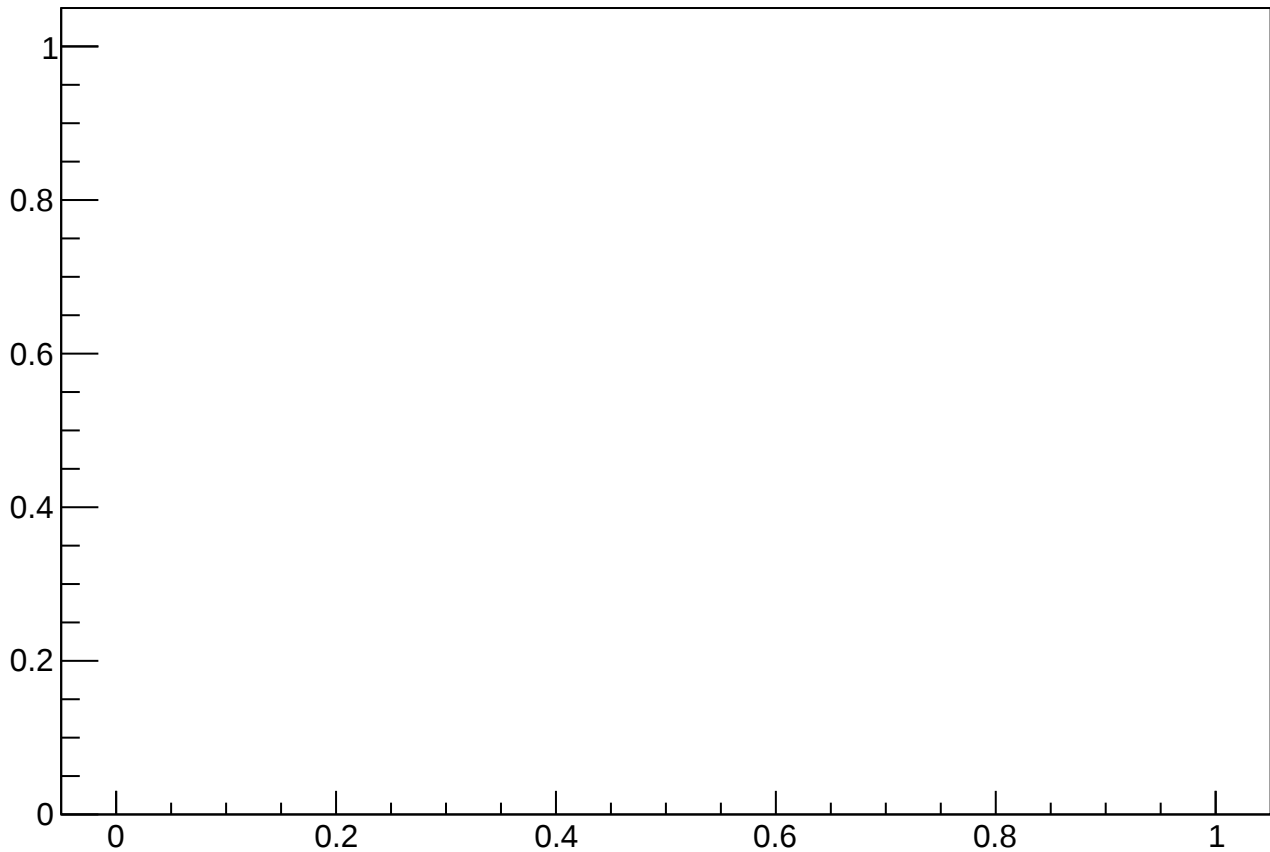
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

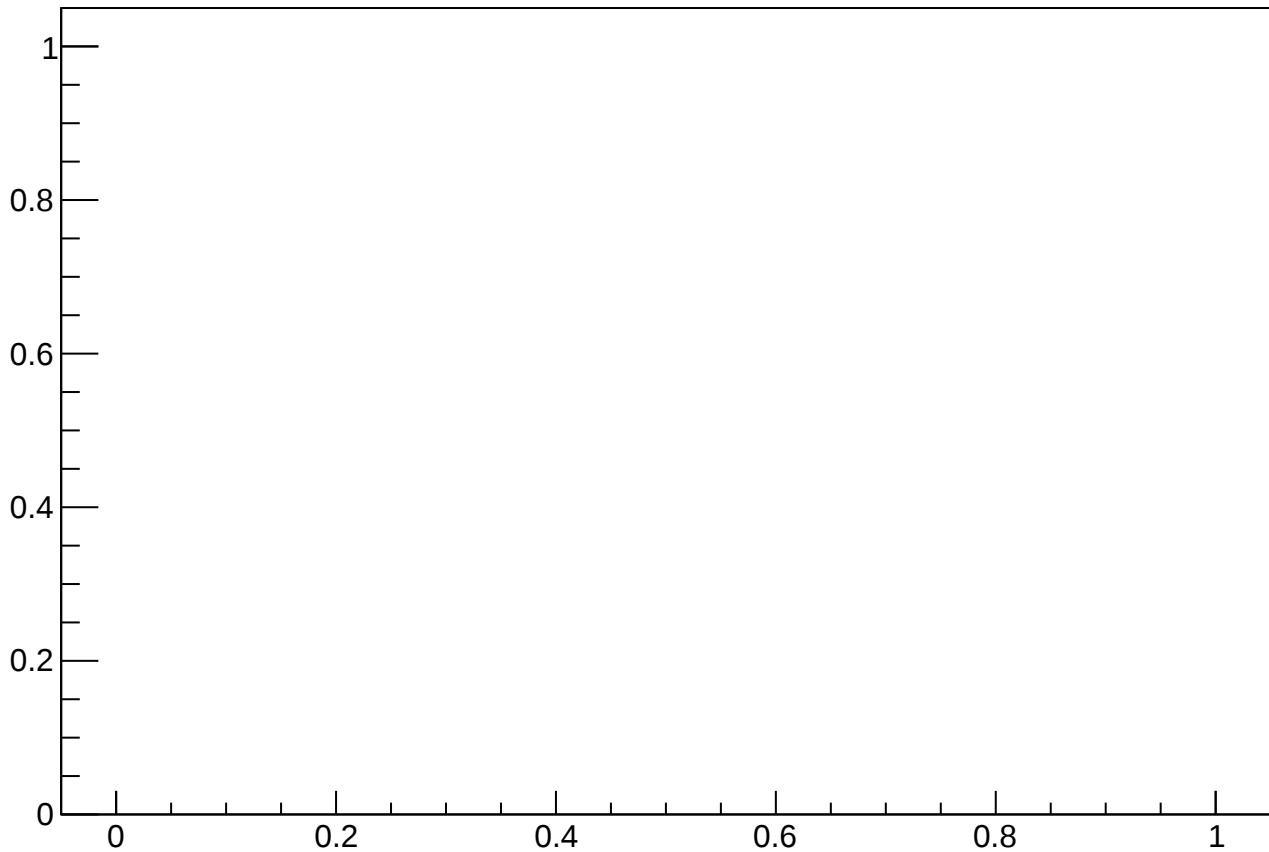
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

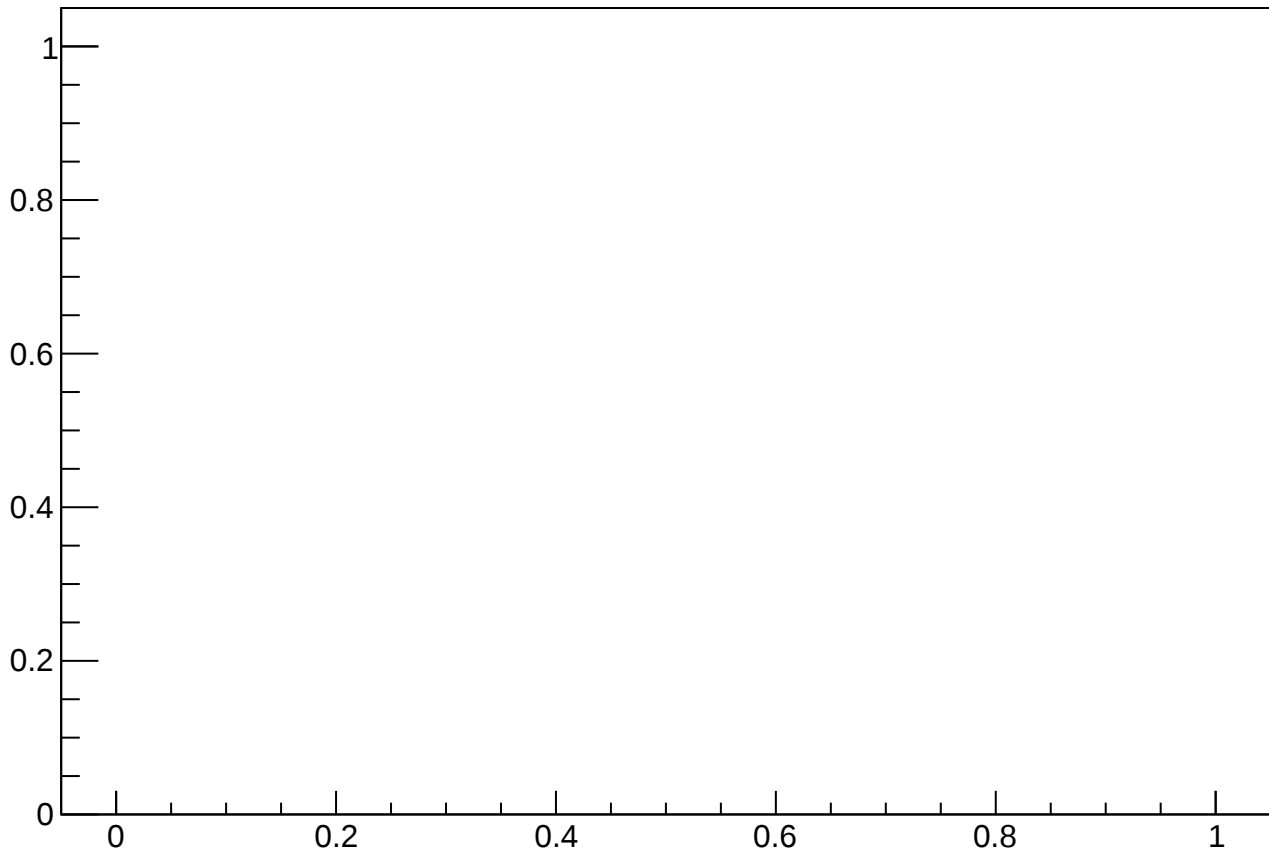
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

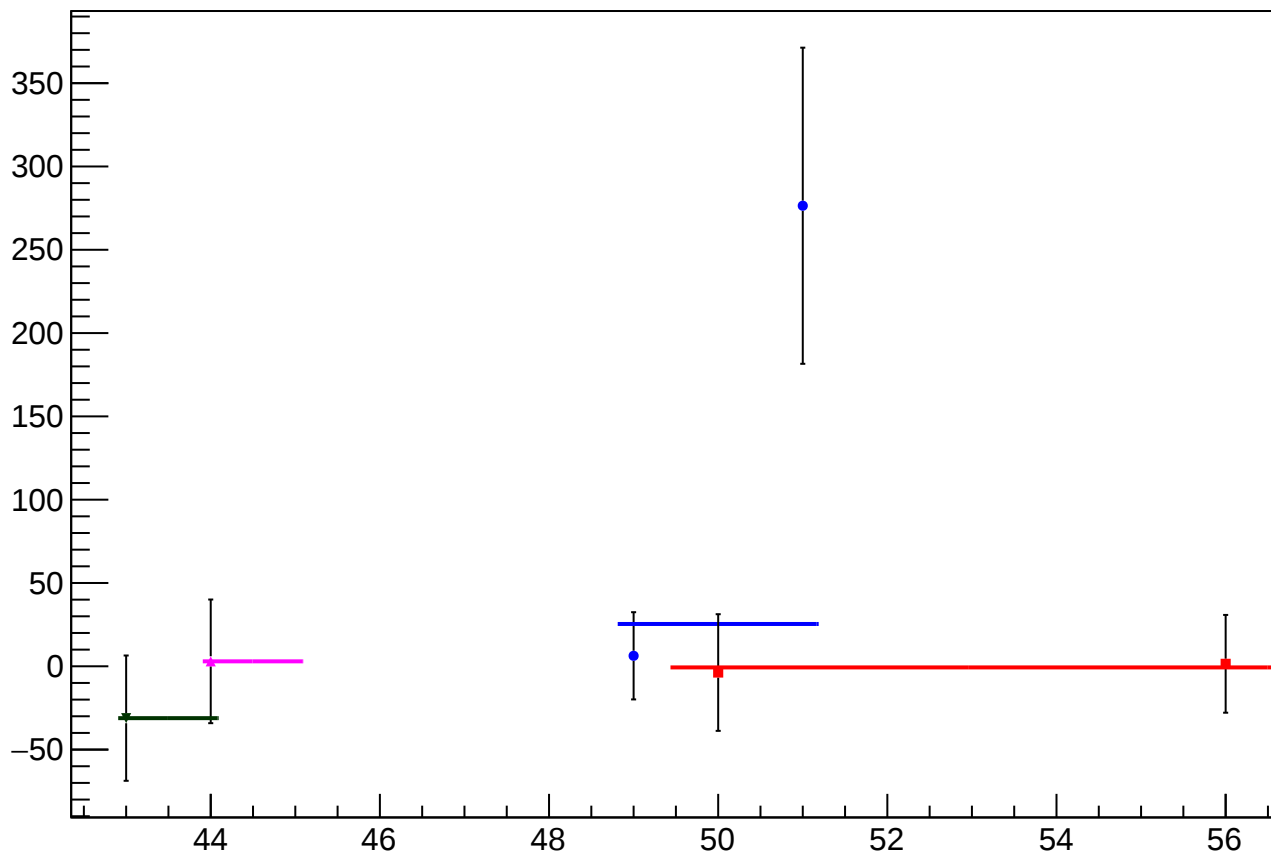
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 25.397 $\pm$ 25.234 χ^2 /NDF: 7.5/1

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

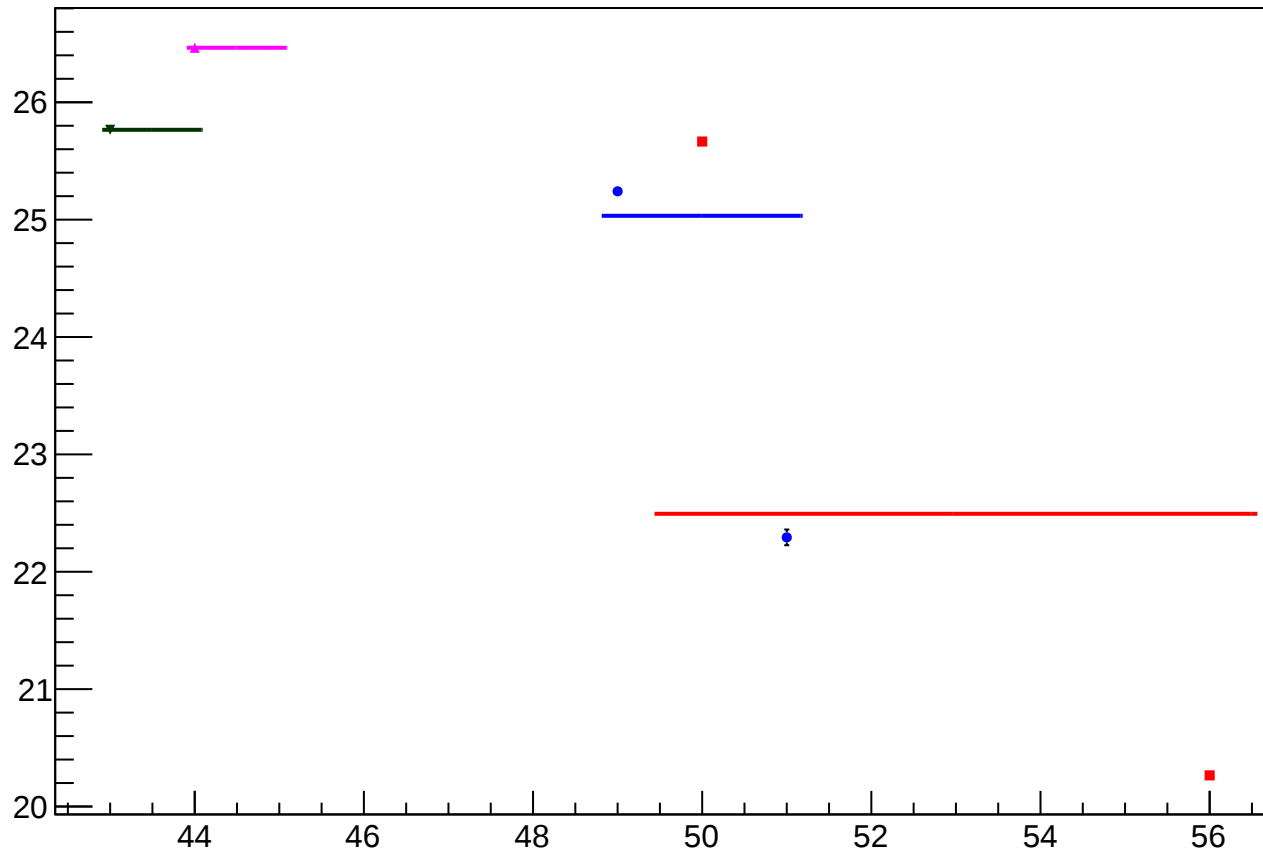
Right Out: -0.677 $\pm$ 22.490 χ^2 /NDF: 0.0/1

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

7.845 $\pm$ 20.953 χ^2 /NDF: 9.1/2

0.301 $\pm$ 19.234 χ^2 /NDF: 0.0/2

bcm_dg_us_ds_dd _rms vs slug



Right In: 25.033 $\pm$ 0.018 χ^2/NDF : 1794.8/1

Left Out: 25.766 $\pm$ 0.027 χ^2/NDF : 0.0/0

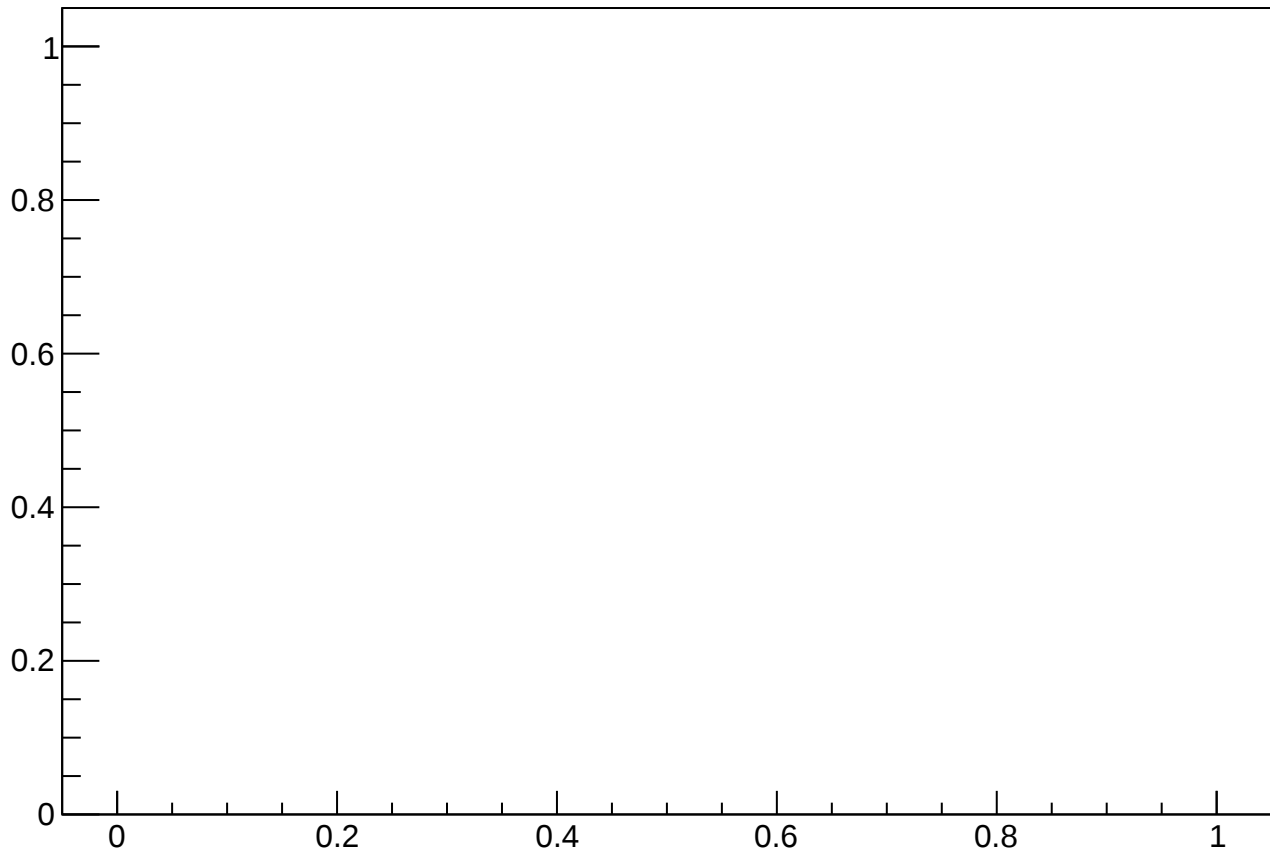
Right Out: 22.494 $\pm$ 0.016 χ^2/NDF : 27948.4/1

Left In: 26.465 $\pm$ 0.026 χ^2/NDF : 0.0/0

25.260 $\pm$ 0.015 χ^2/NDF : 2318.3/2

23.560 $\pm$ 0.014 χ^2/NDF : 44694.3/2

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

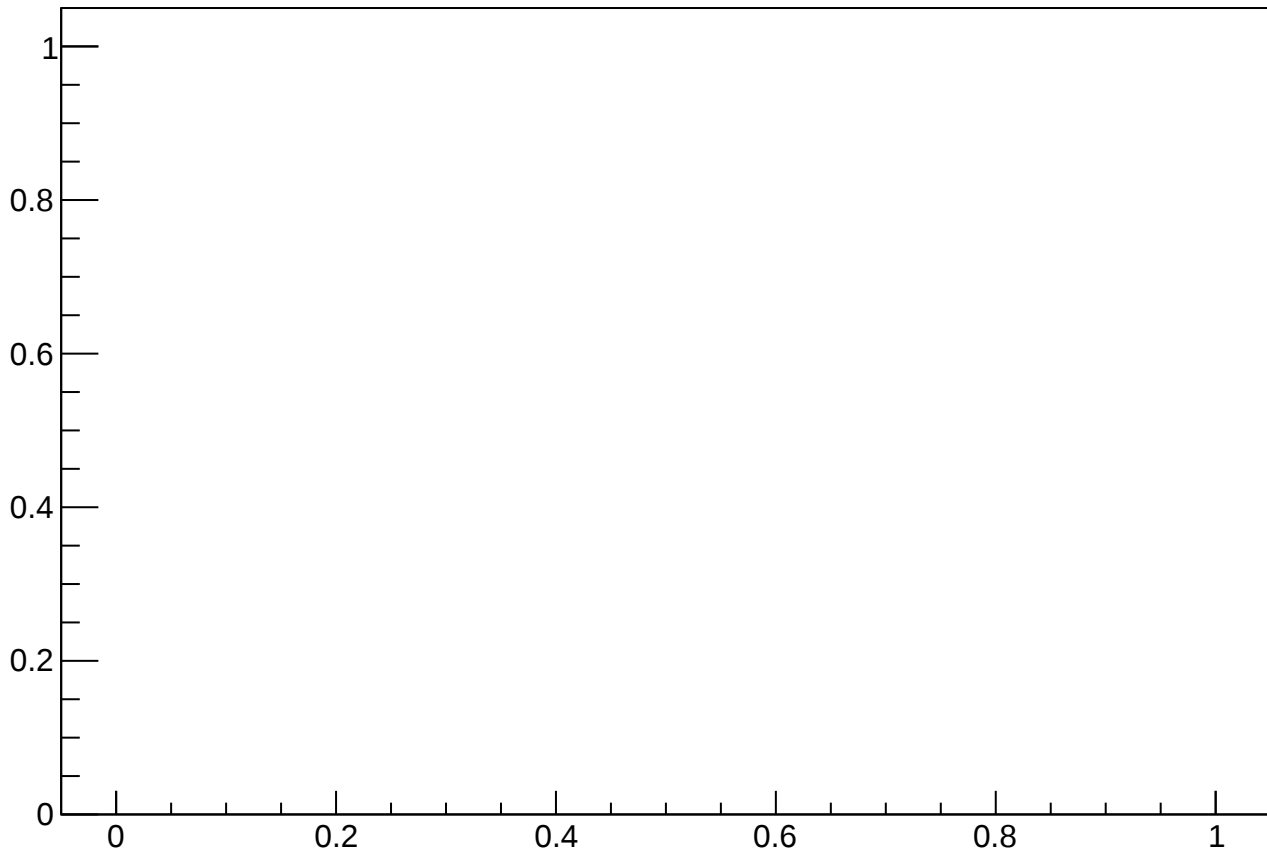
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

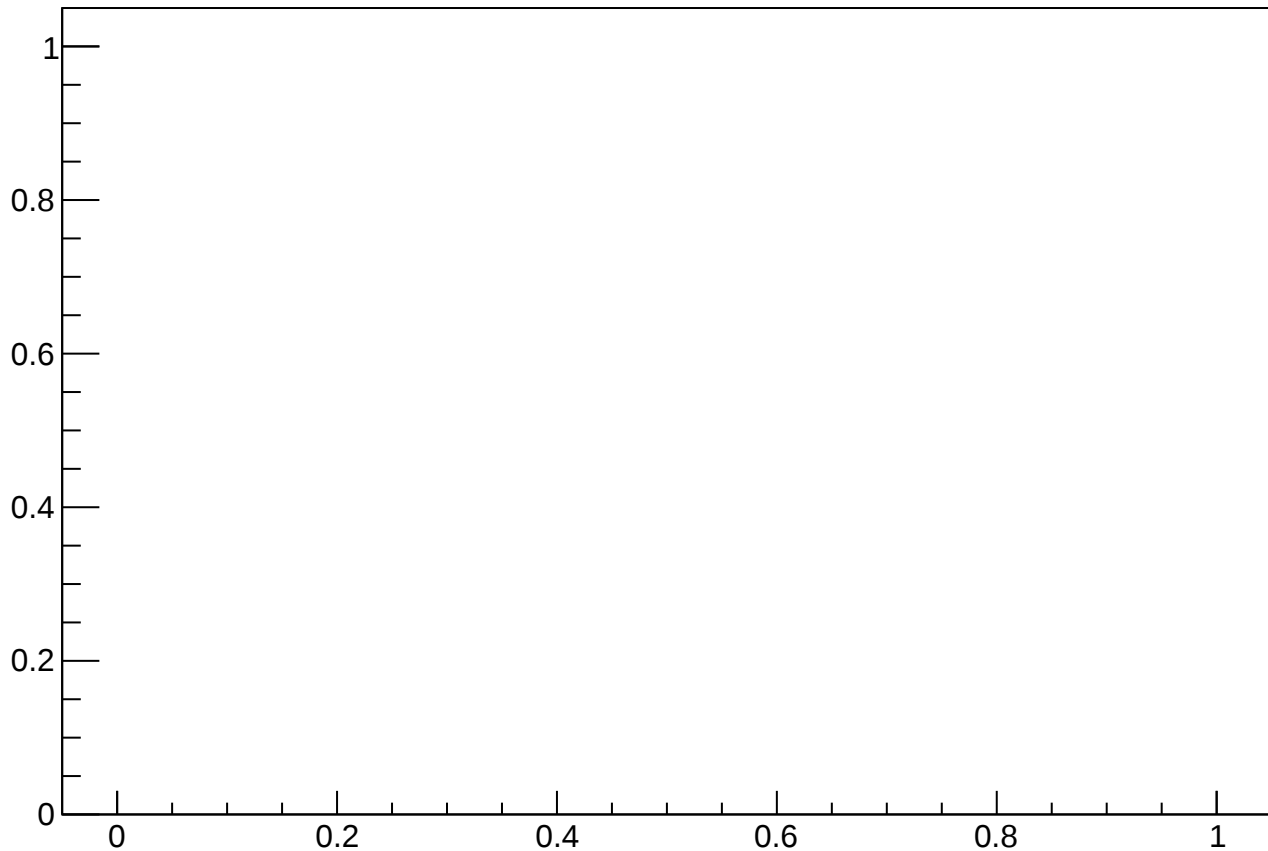
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

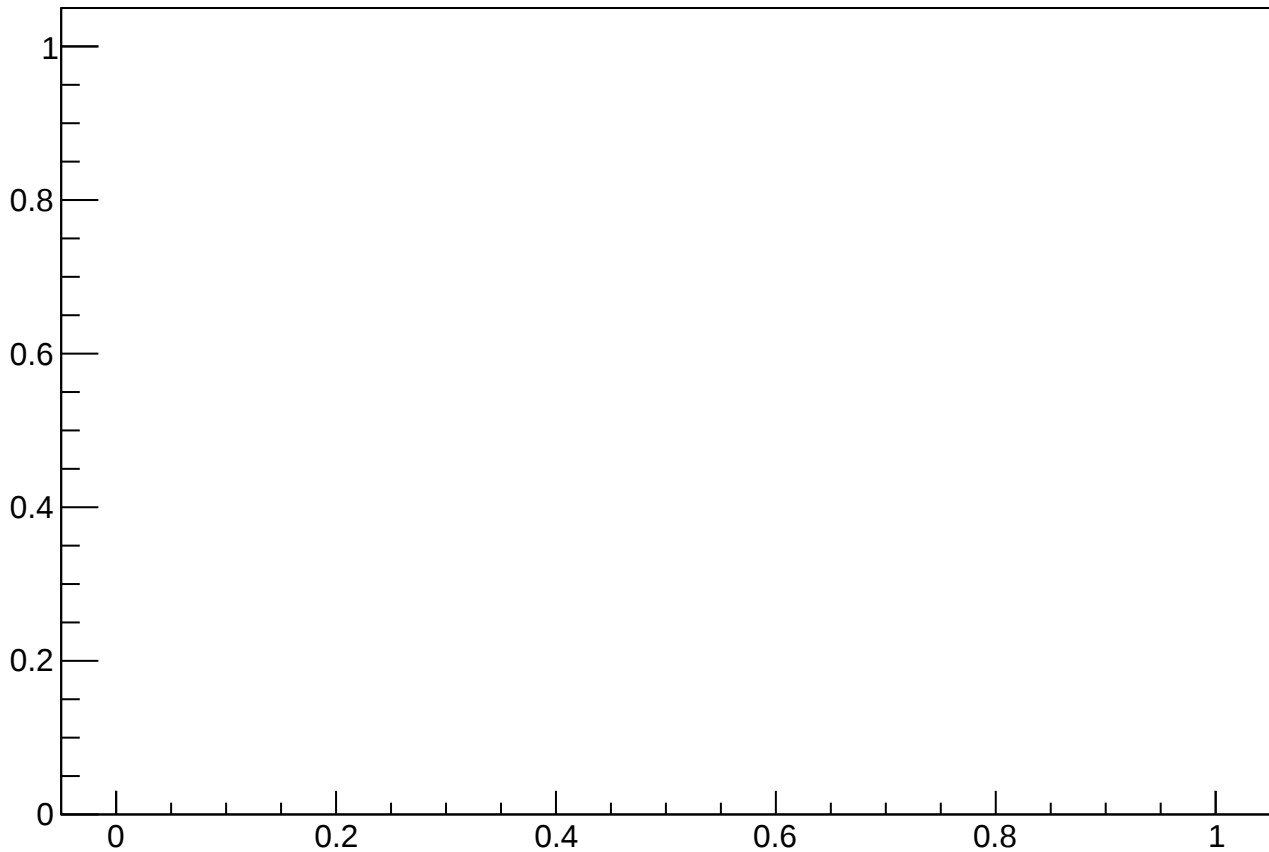
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

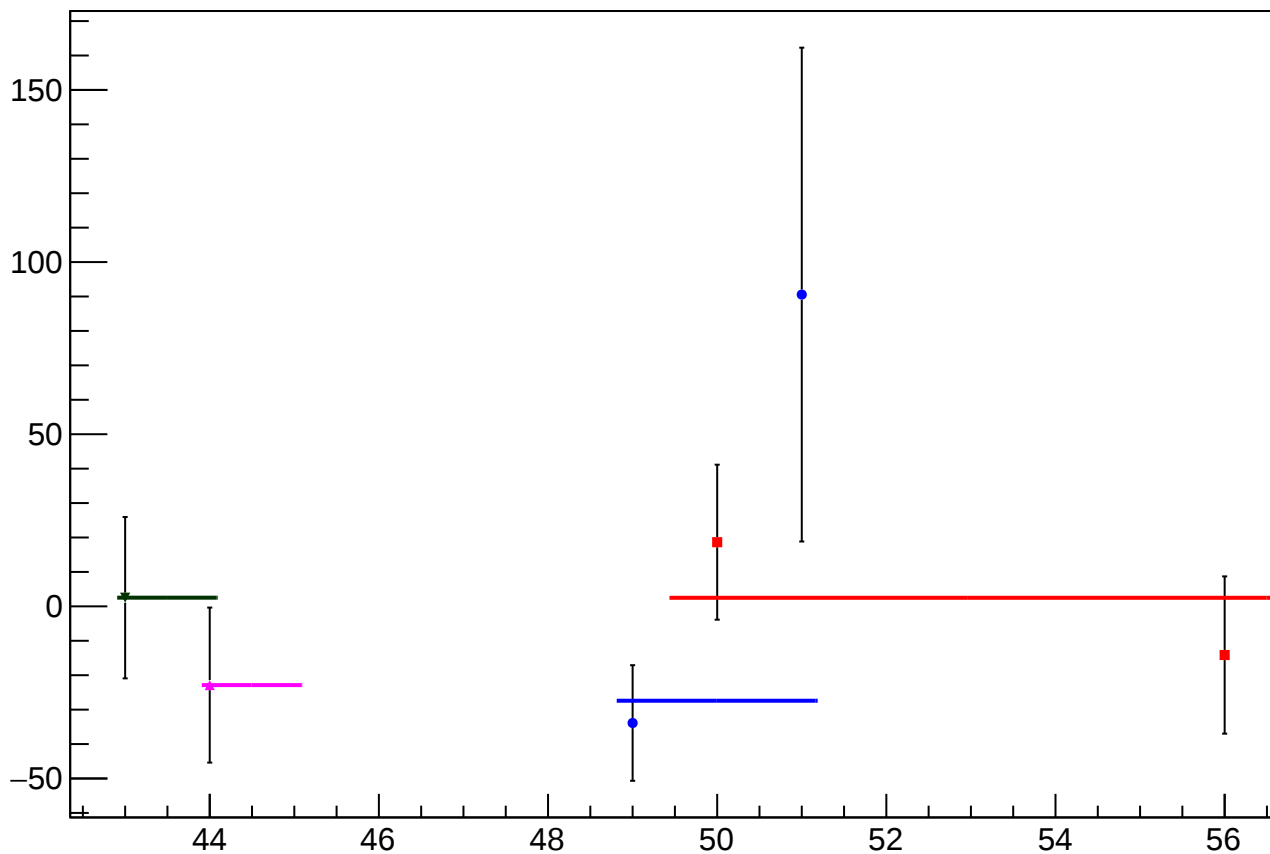
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -27.414 $\pm$ 16.348 χ^2 /NDF: 2.9/1

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

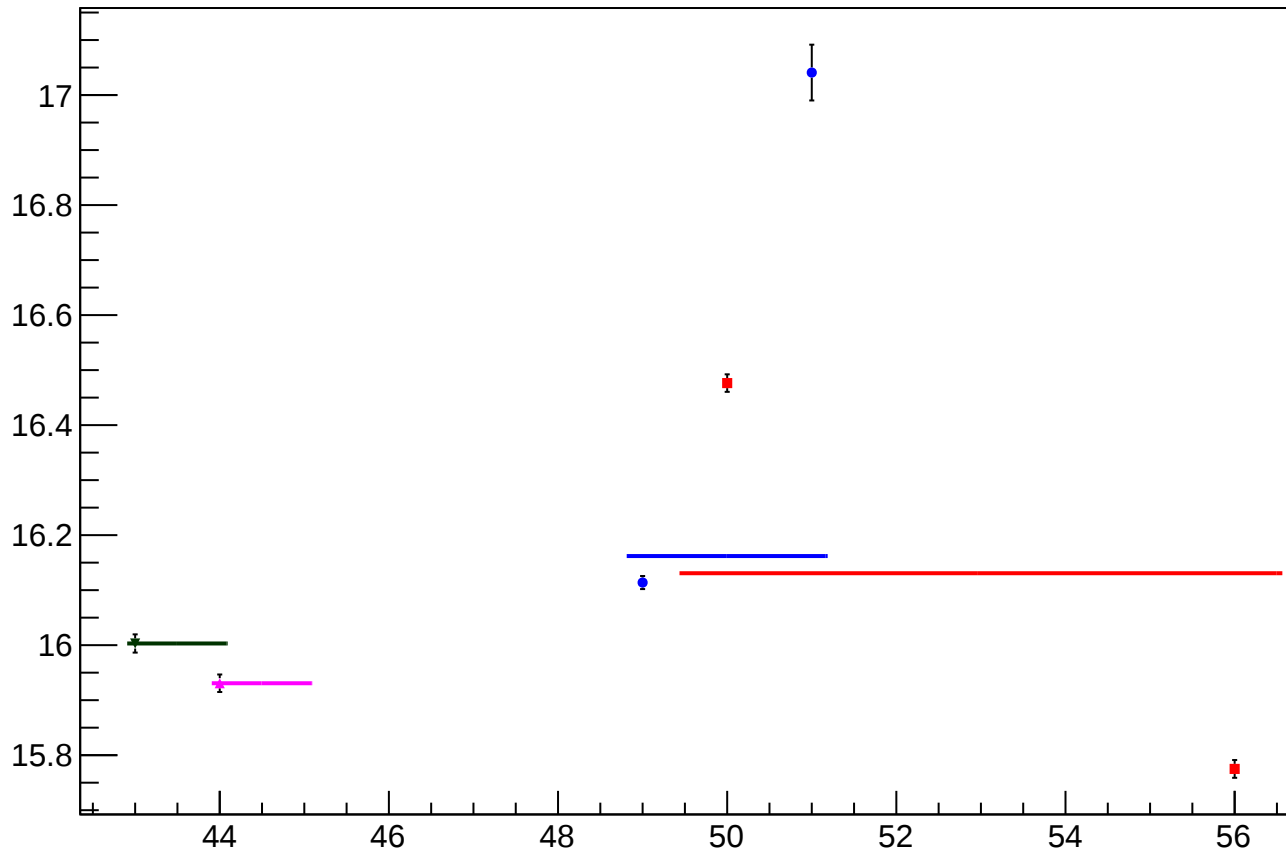
Right Out: 2.486 $\pm$ 16.032 χ^2 /NDF: 1.0/1

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

-17.616 $\pm$ 13.408 χ^2 /NDF: 4.0/2

-6.046 $\pm$ 13.059 χ^2 /NDF: 1.9/2

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.162 $\pm$ 0.012 χ^2 /NDF: 316.8/1

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

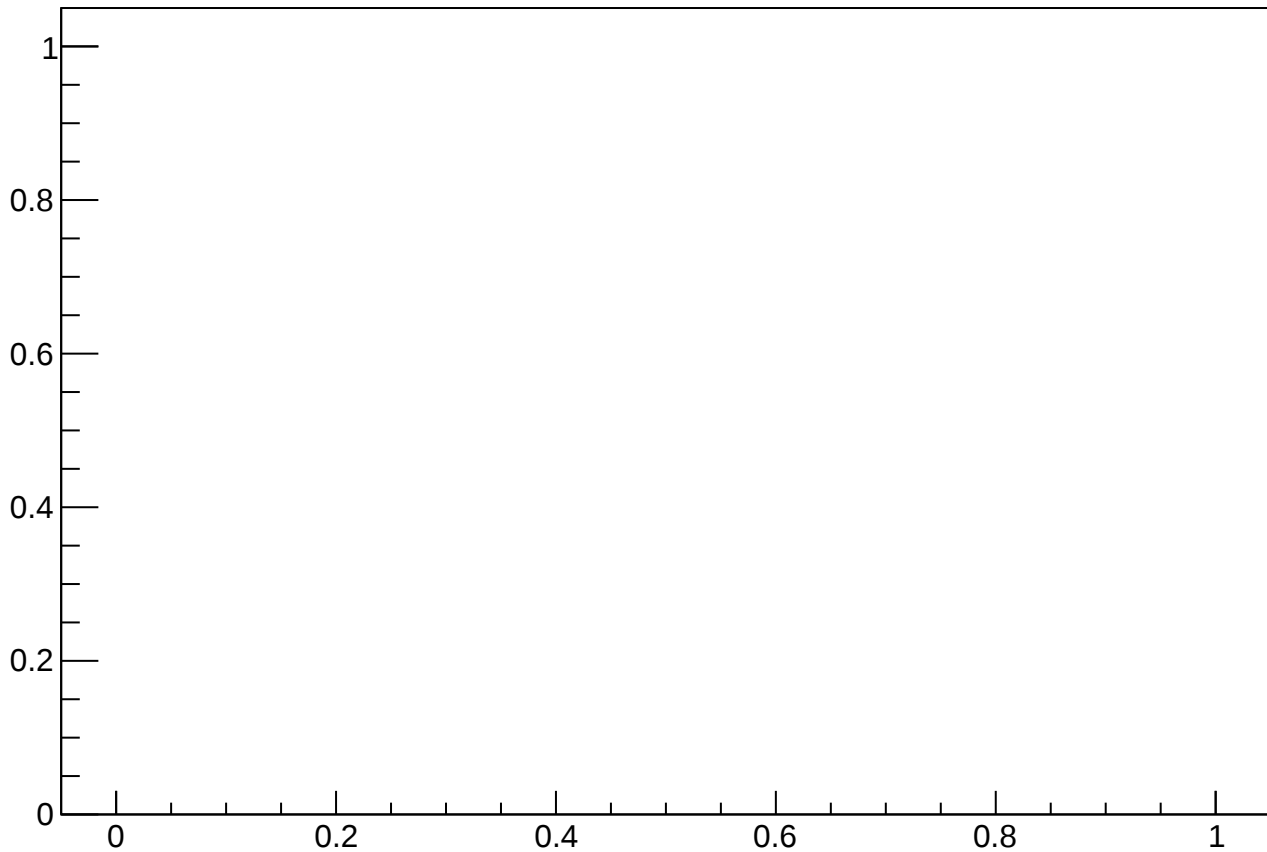
Right Out: 16.131 $\pm$ 0.011 χ^2 /NDF: 956.8/1

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

16.110 $\pm$ 0.009 χ^2 /NDF: 378.7/2

16.063 $\pm$ 0.009 χ^2 /NDF: 1061.5/2

bcm_dg_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

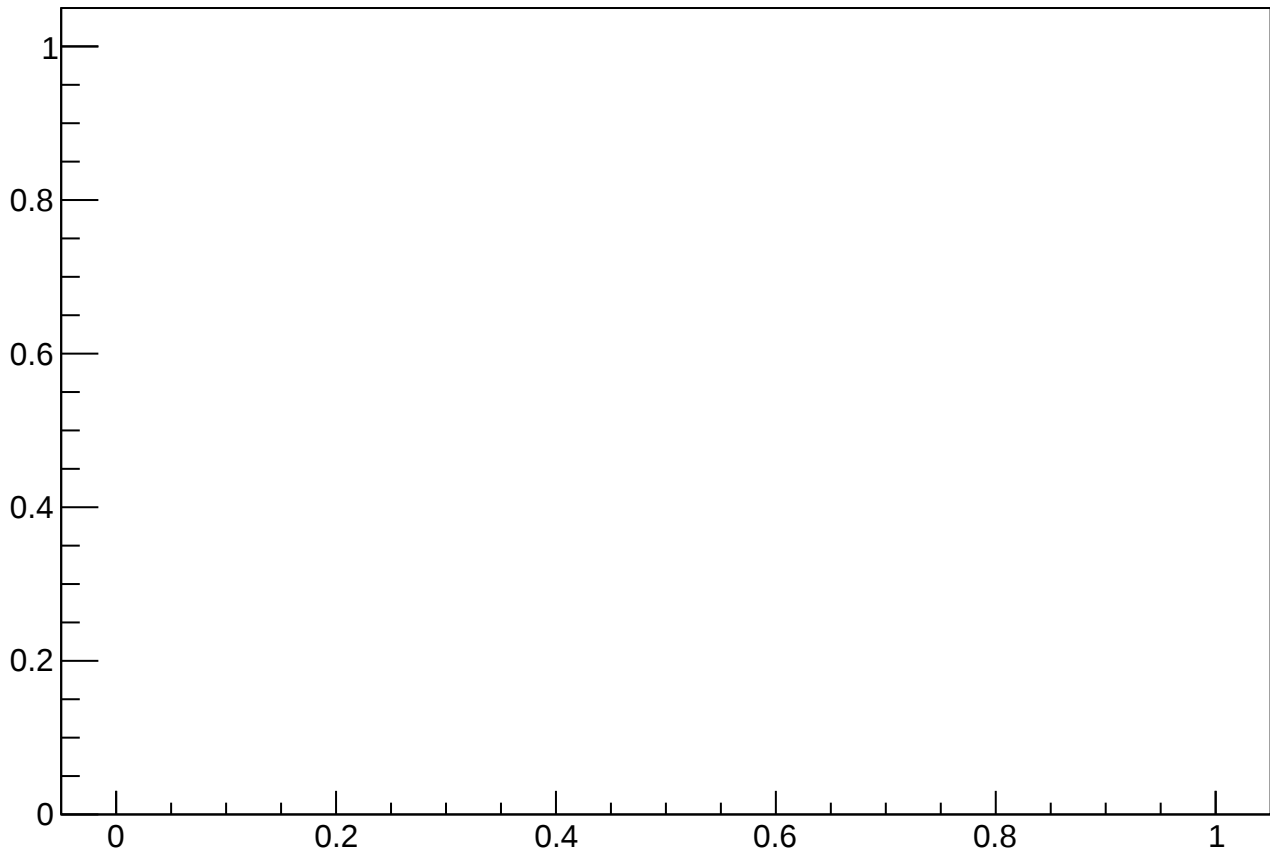
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

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

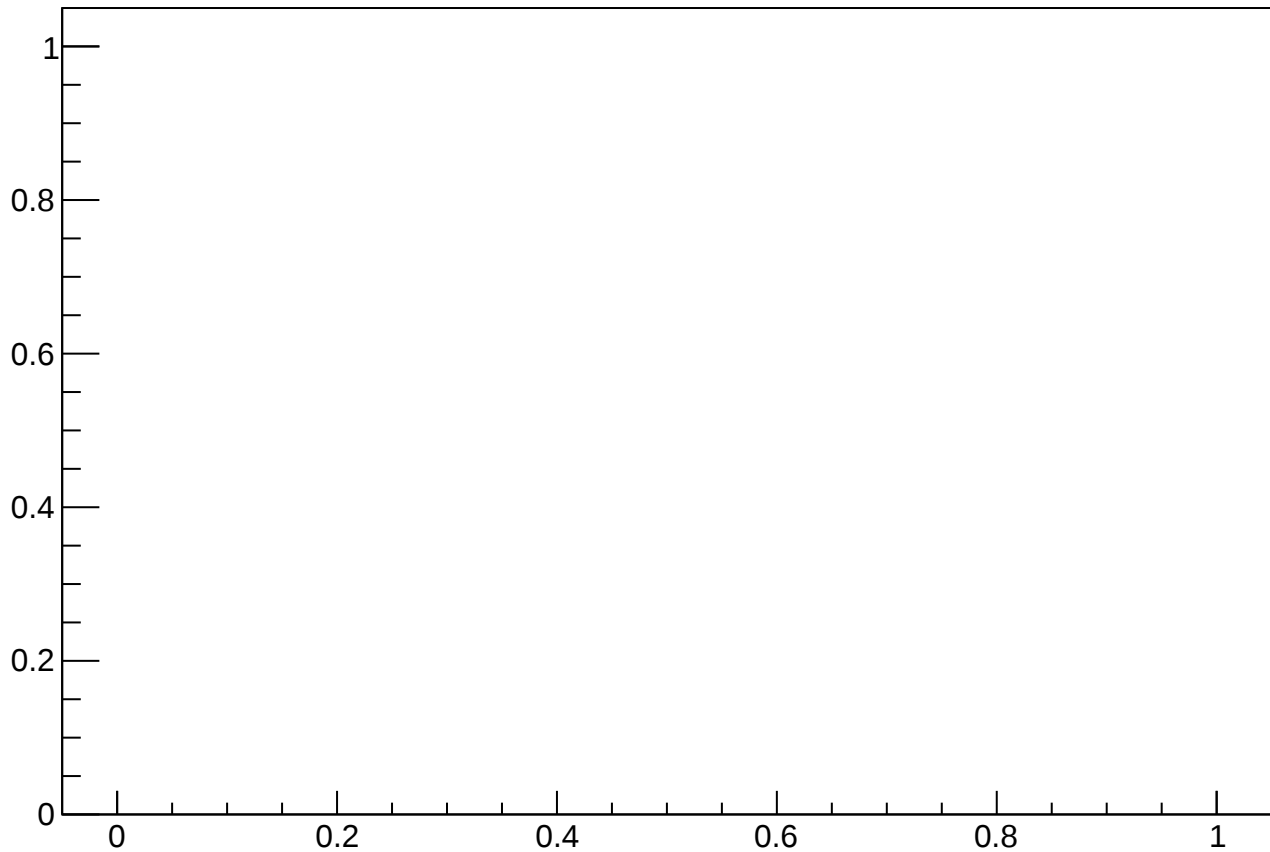
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

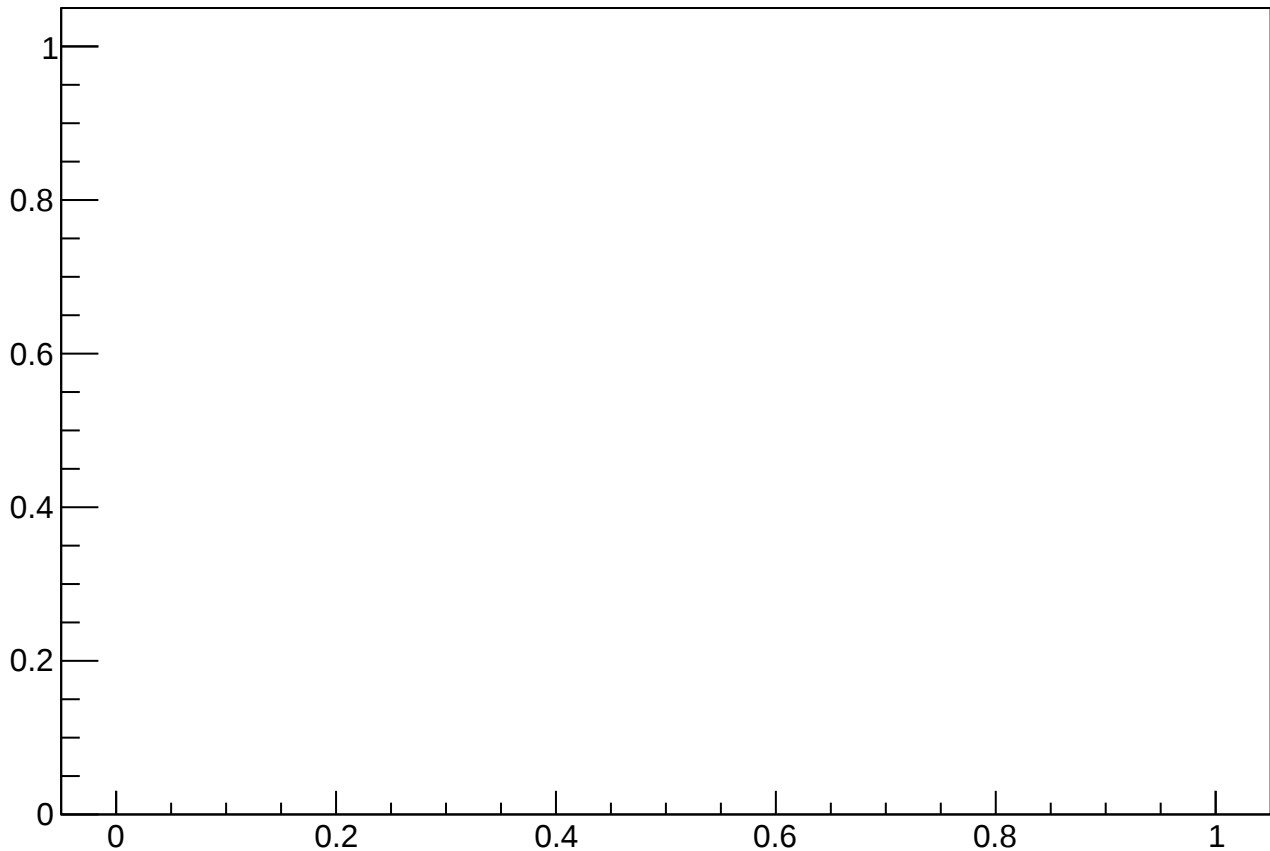
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

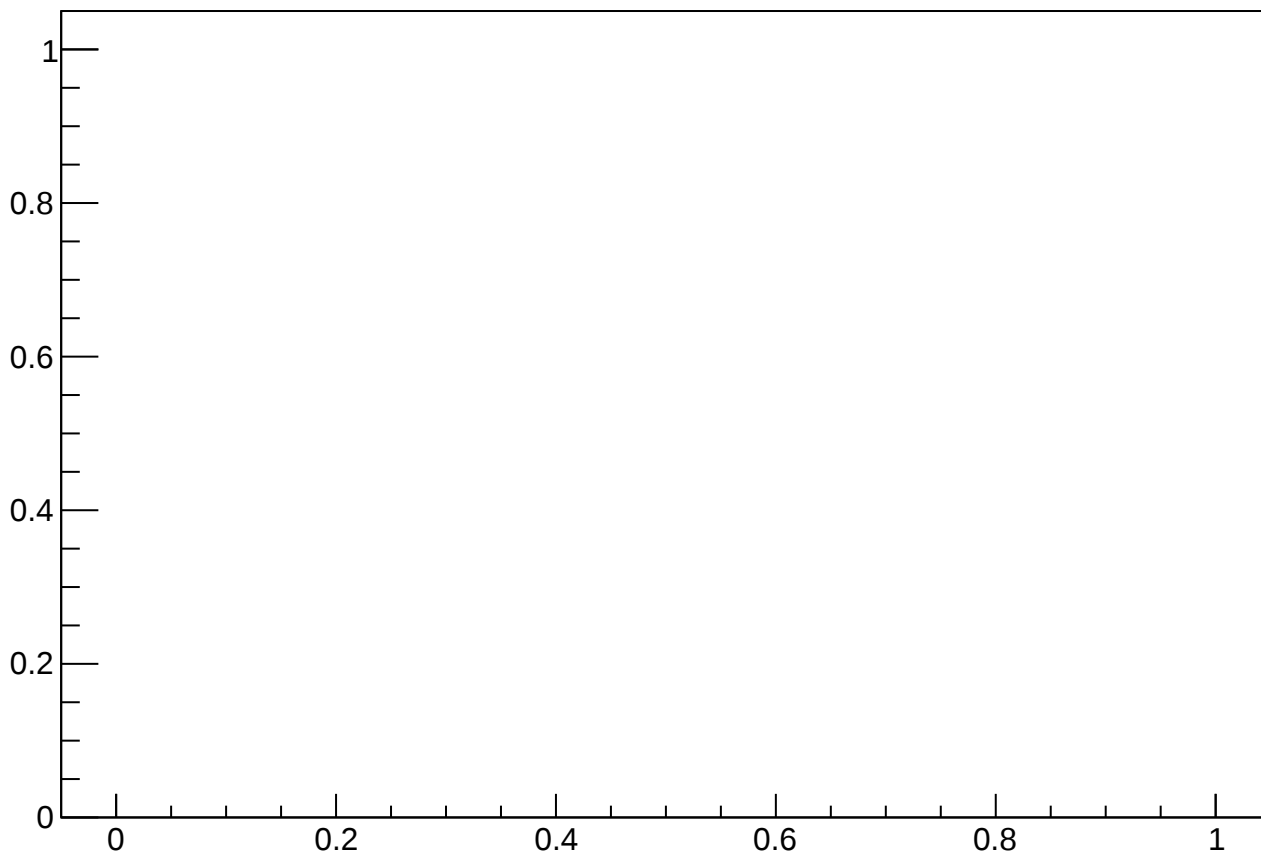
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

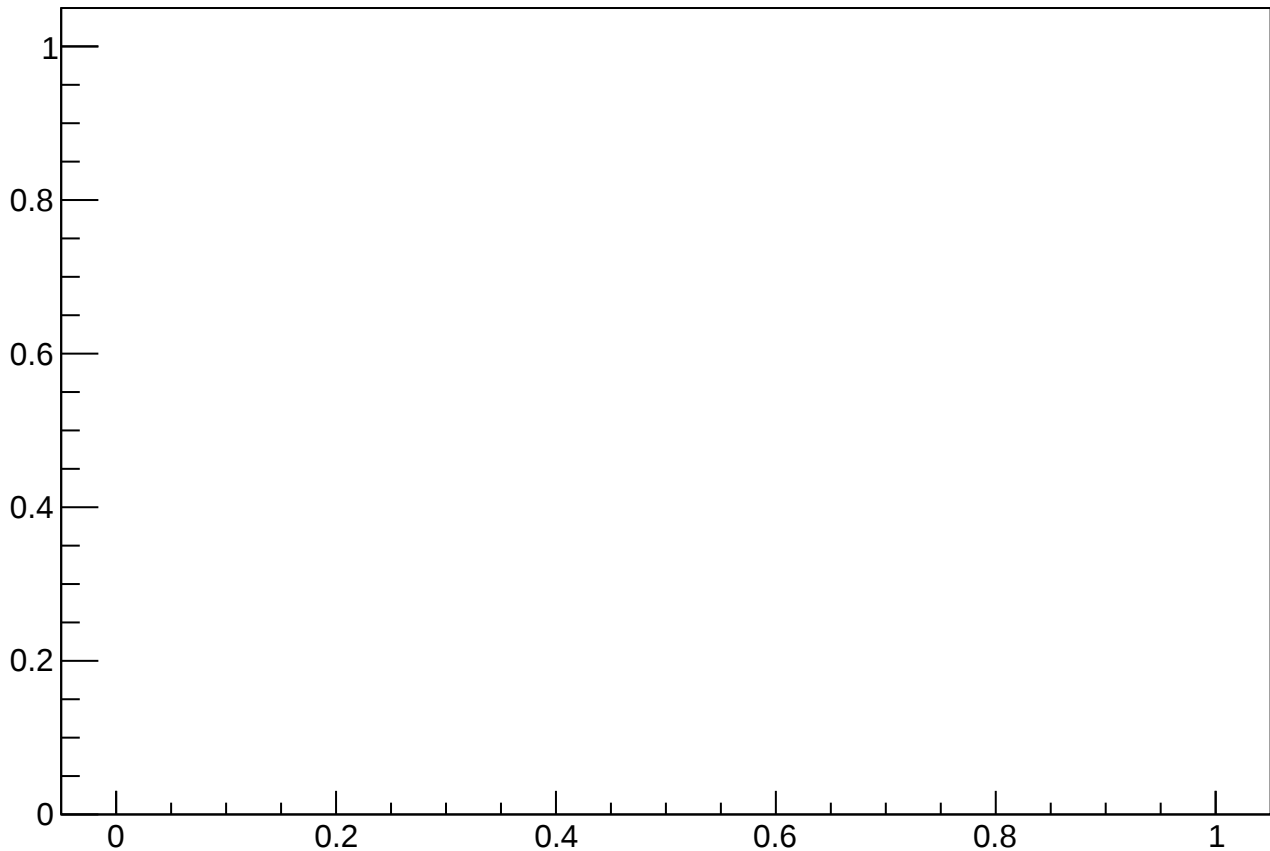
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

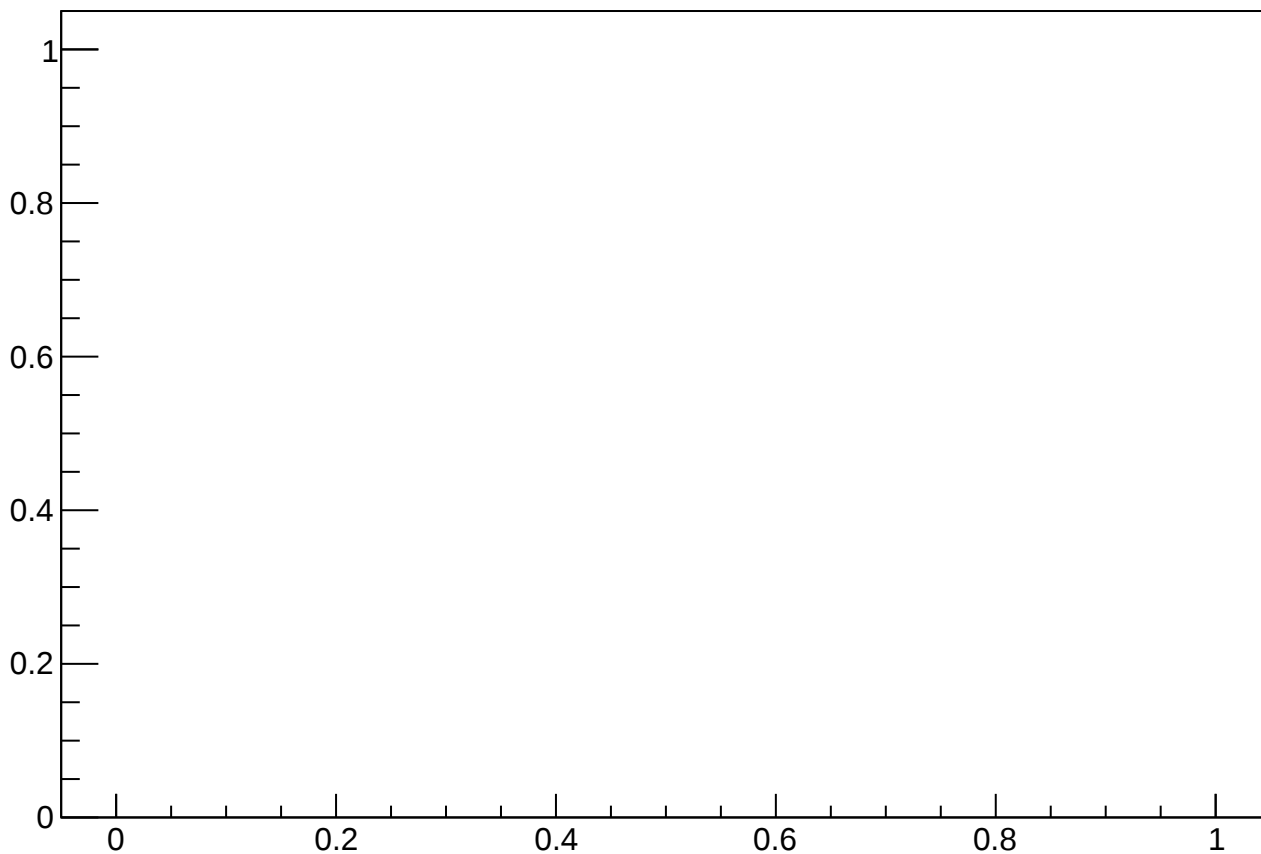
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

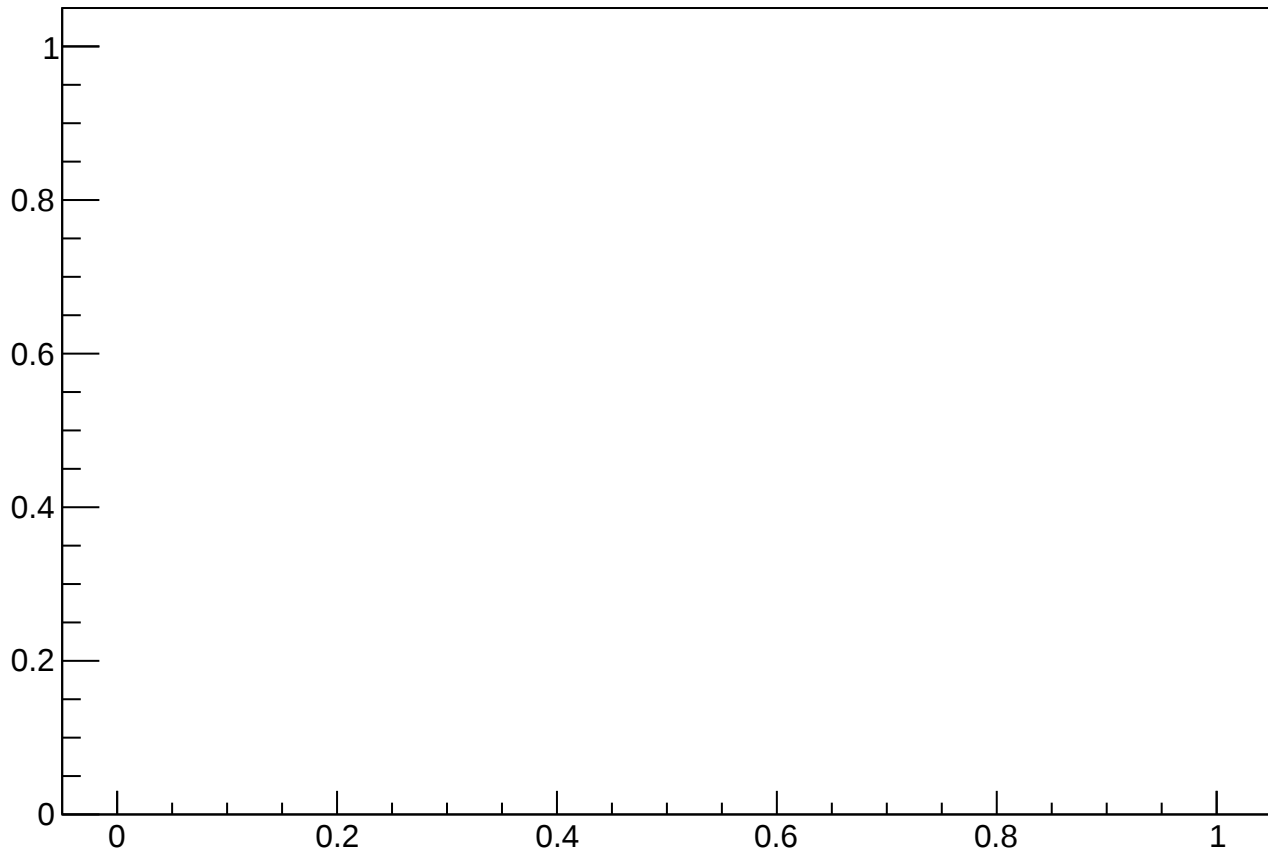
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

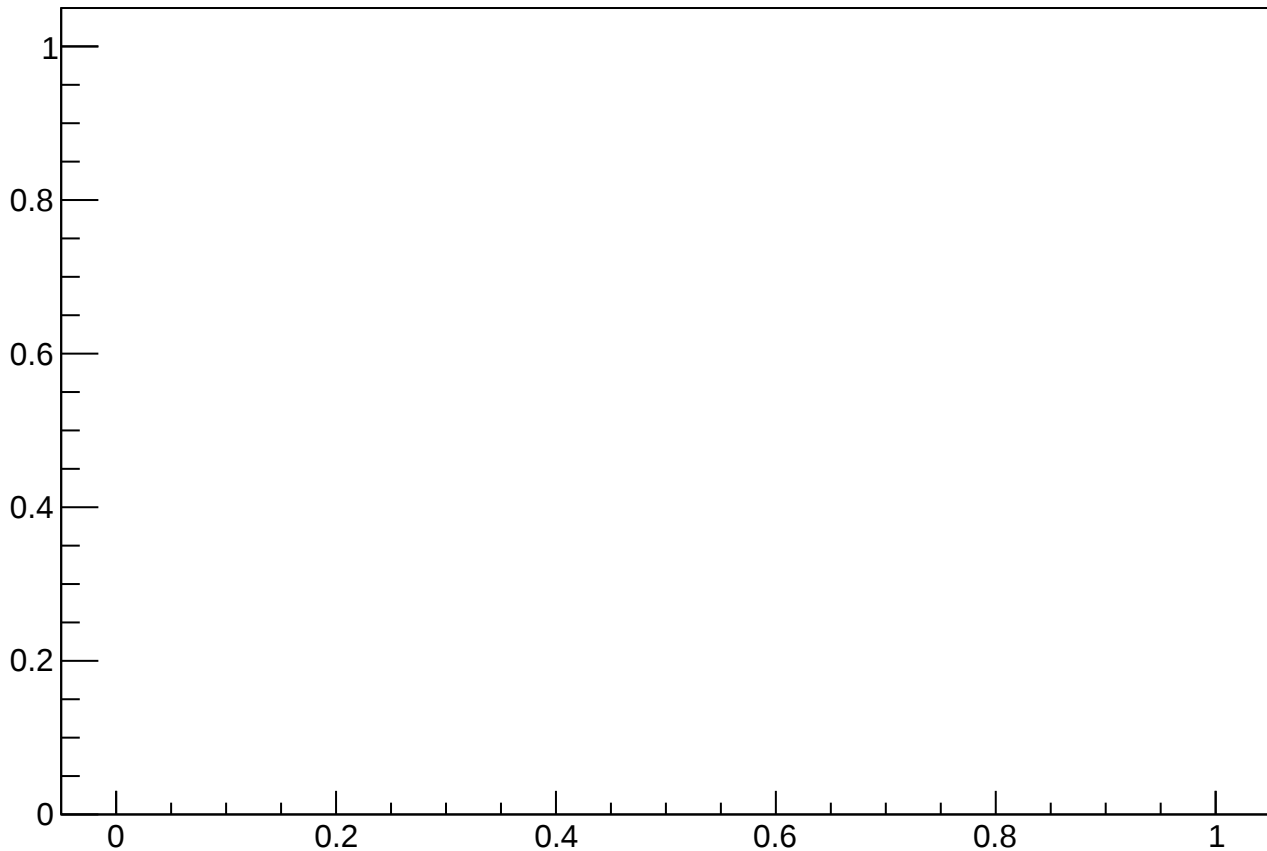
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

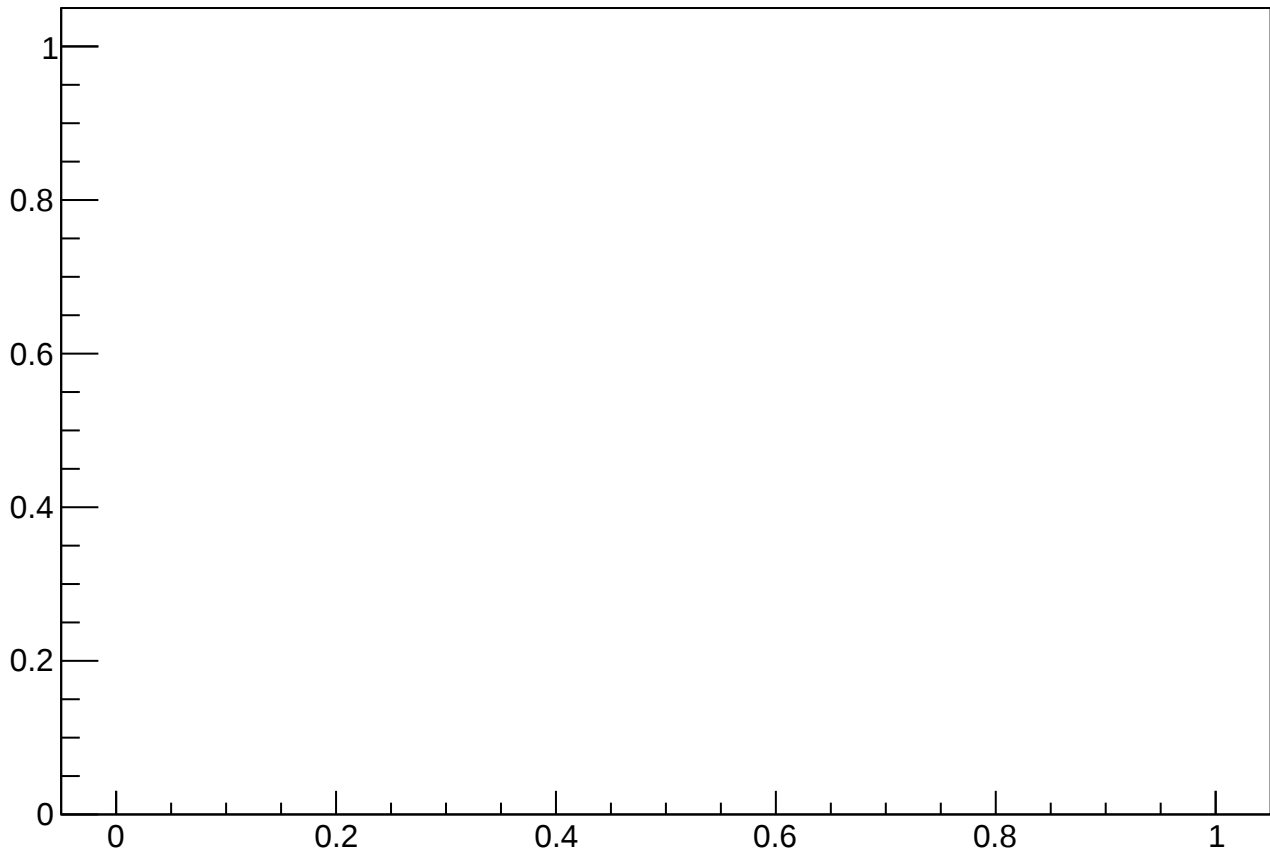
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

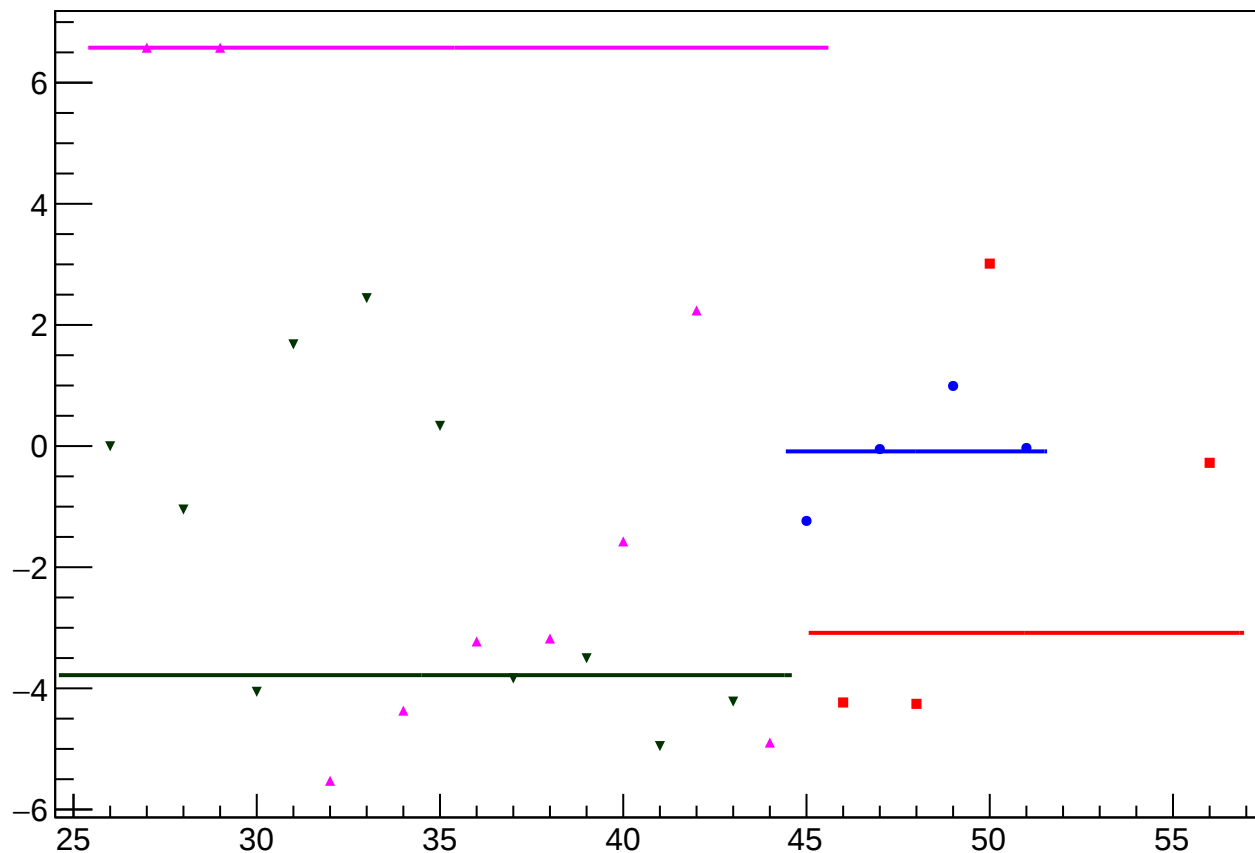
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -0.088 ± 0.002 χ^2/NDF : 278364.1/3

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

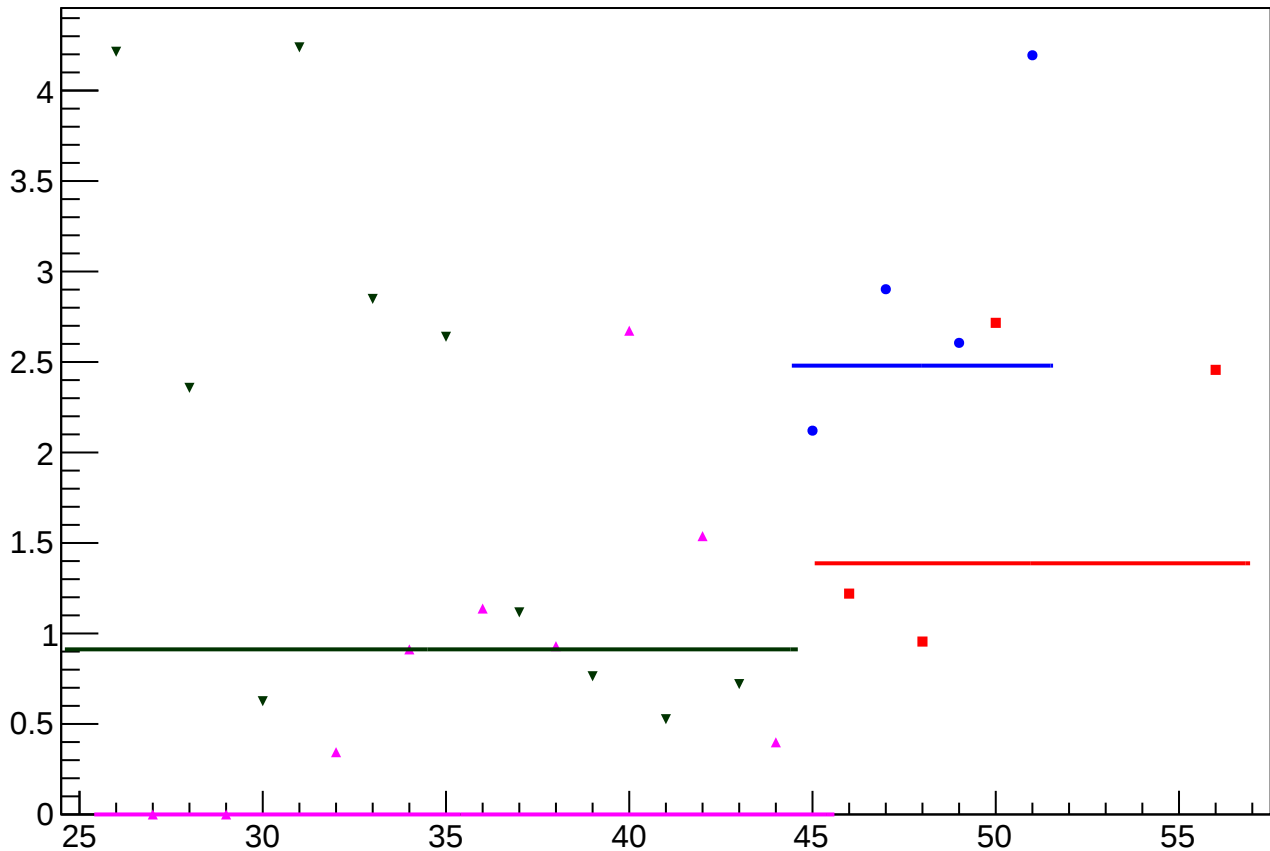
Right Out: -3.084 ± 0.001 χ^2/NDF : 3142061.9/3

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

-3.419 ± 0.001 χ^2/NDF : 9297663.4/13

6.578 ± 0.000 χ^2/NDF : 878321003.6/12

yield_cav4bX_rms vs slug



Right In: 2.480 $\pm$ 0.001 χ^2 /NDF: 67023.2/3

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

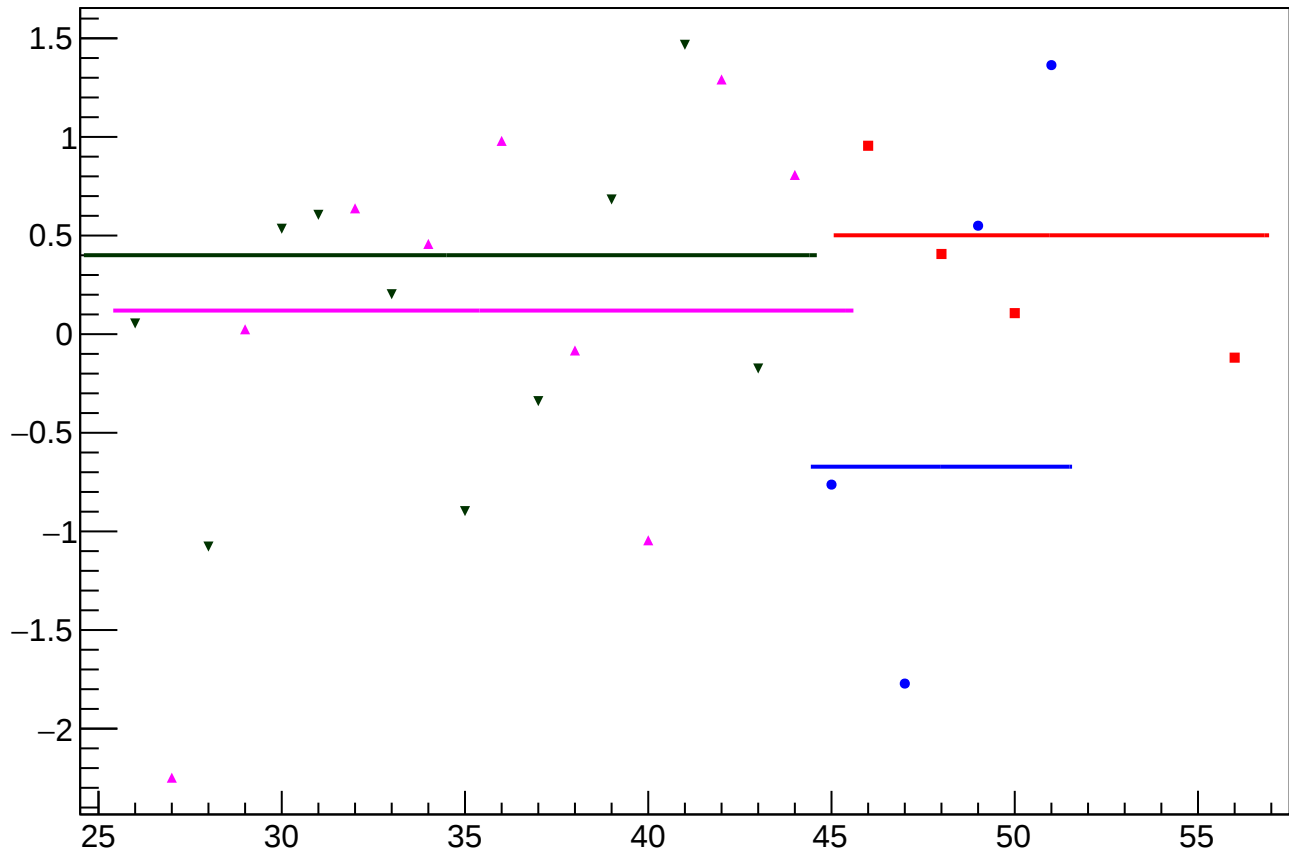
1.067 $\pm$ 0.000 χ^2 /NDF: 3780190.0/13

Right Out: 1.388 $\pm$ 0.001 χ^2 /NDF: 445469.8/3

0.000 $\pm$ 0.000 χ^2 /NDF: 7246062.2/12

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

yield_cav4bY_mean vs slug



Right In: -0.672 ± 0.001 χ^2/NDF : 1377325.4/3

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

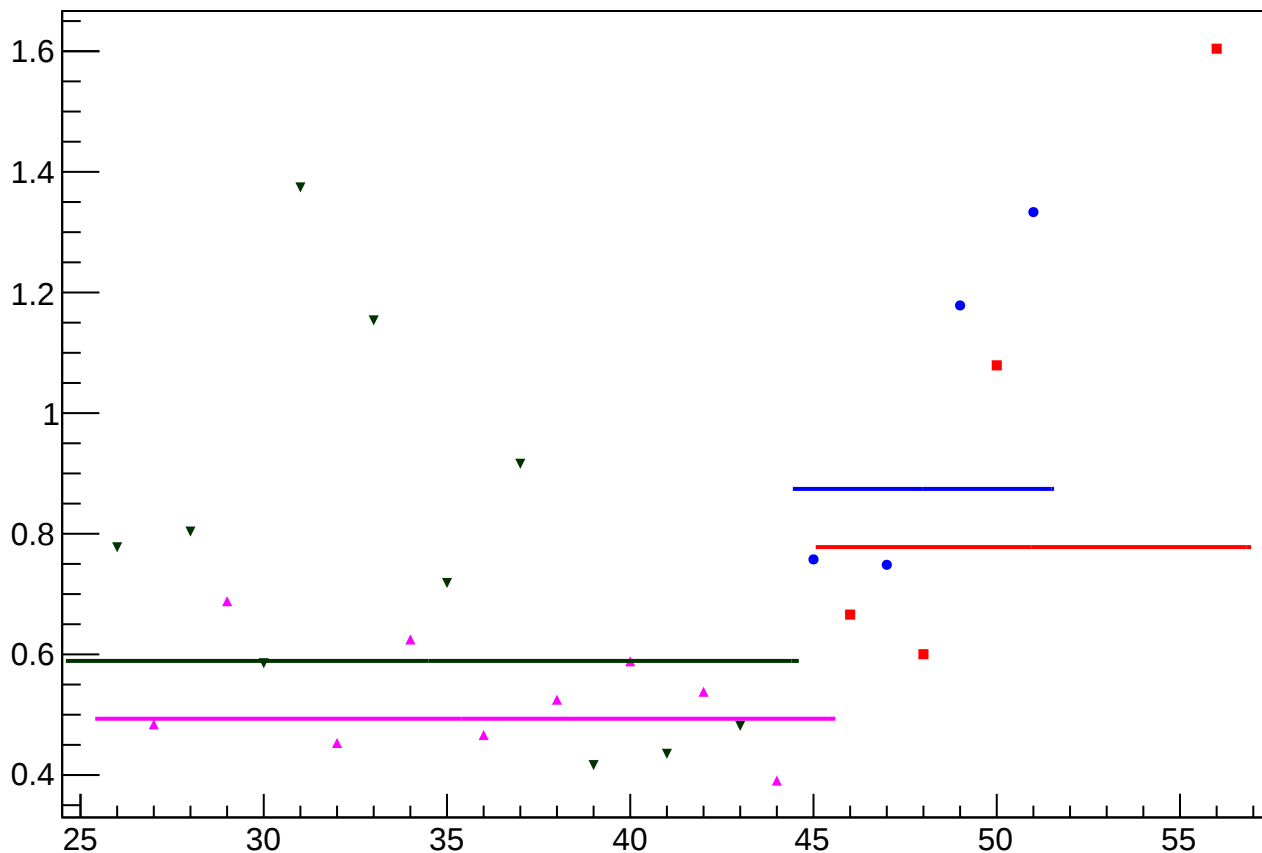
Right Out: 0.501 ± 0.001 χ^2/NDF : 278221.0/3

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

0.240 ± 0.000 χ^2/NDF : 9869626.7/13

0.166 ± 0.000 χ^2/NDF : 20651576.3/12

yield_cav4bY_rms vs slug



Right In: 0.874 ± 0.001 χ^2/NDF : 130297.4/3

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

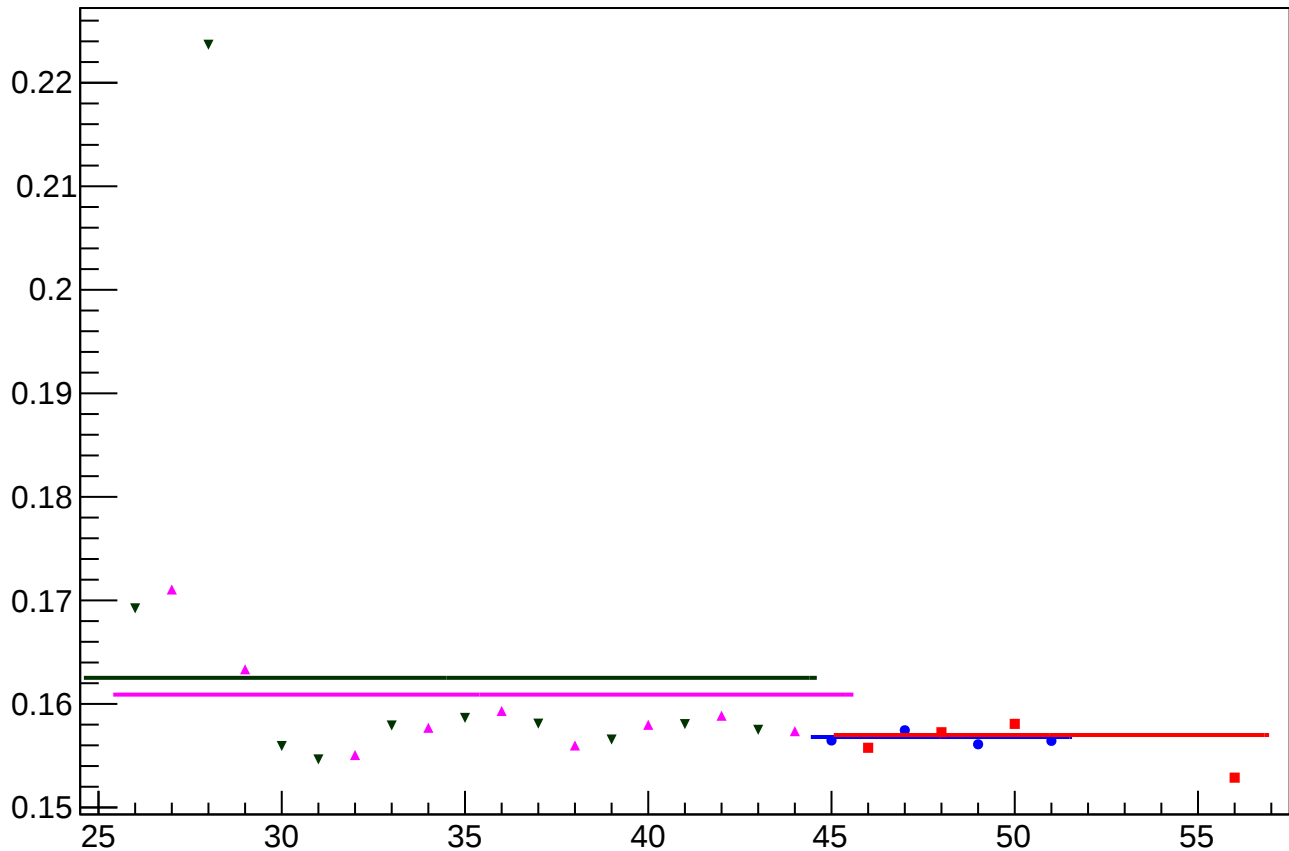
Right Out: 0.778 ± 0.000 χ^2/NDF : 374231.3/3

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

0.632 ± 0.000 χ^2/NDF : 1258627.7/13

0.528 ± 0.000 χ^2/NDF : 898462.9/12

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 66978.5/3

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

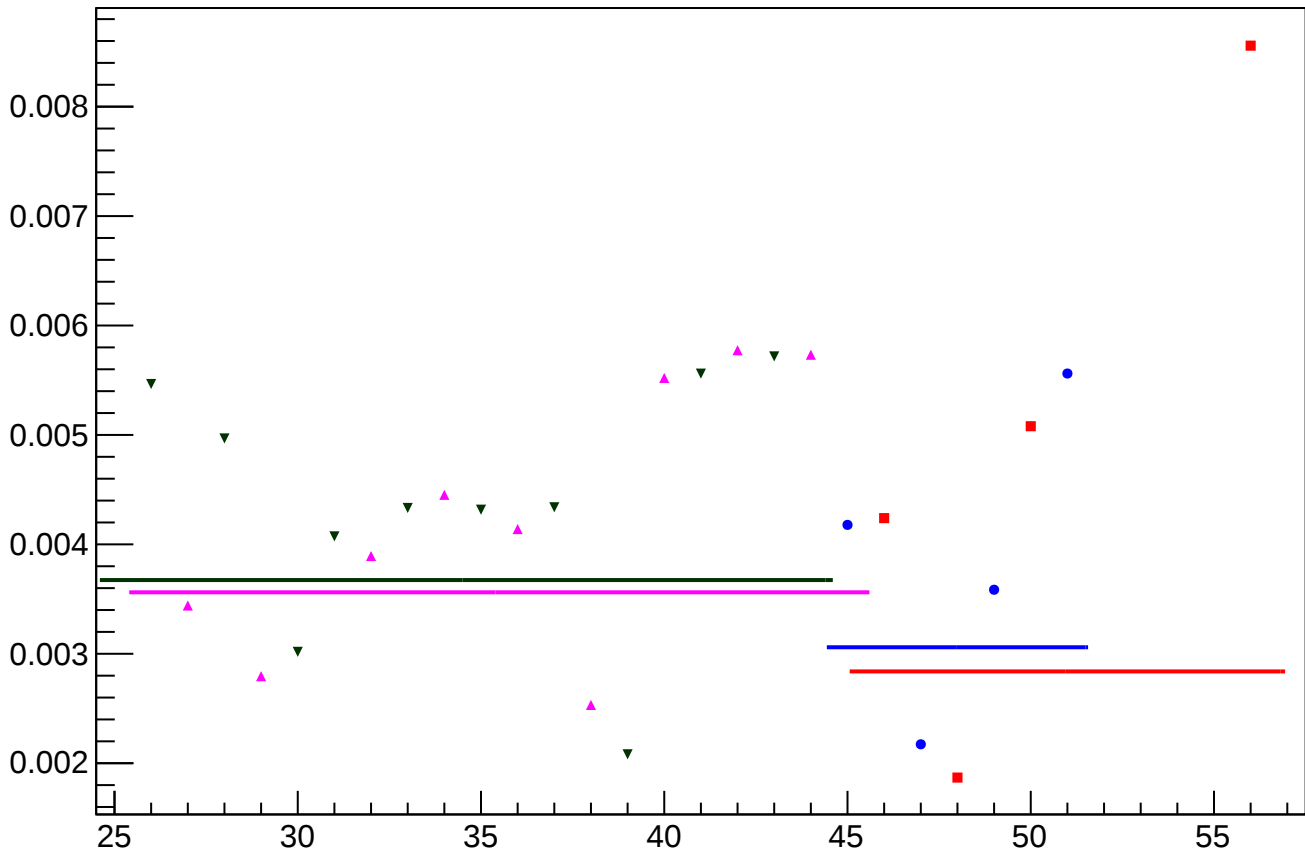
Right Out: 0.157+/-0.000 χ^2/NDF : 170013.8/3

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

0.161+/-0.000 χ^2/NDF : 105599459.9/13

0.160+/-0.000 χ^2/NDF : 13569875.1/12

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 261357.7/3

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

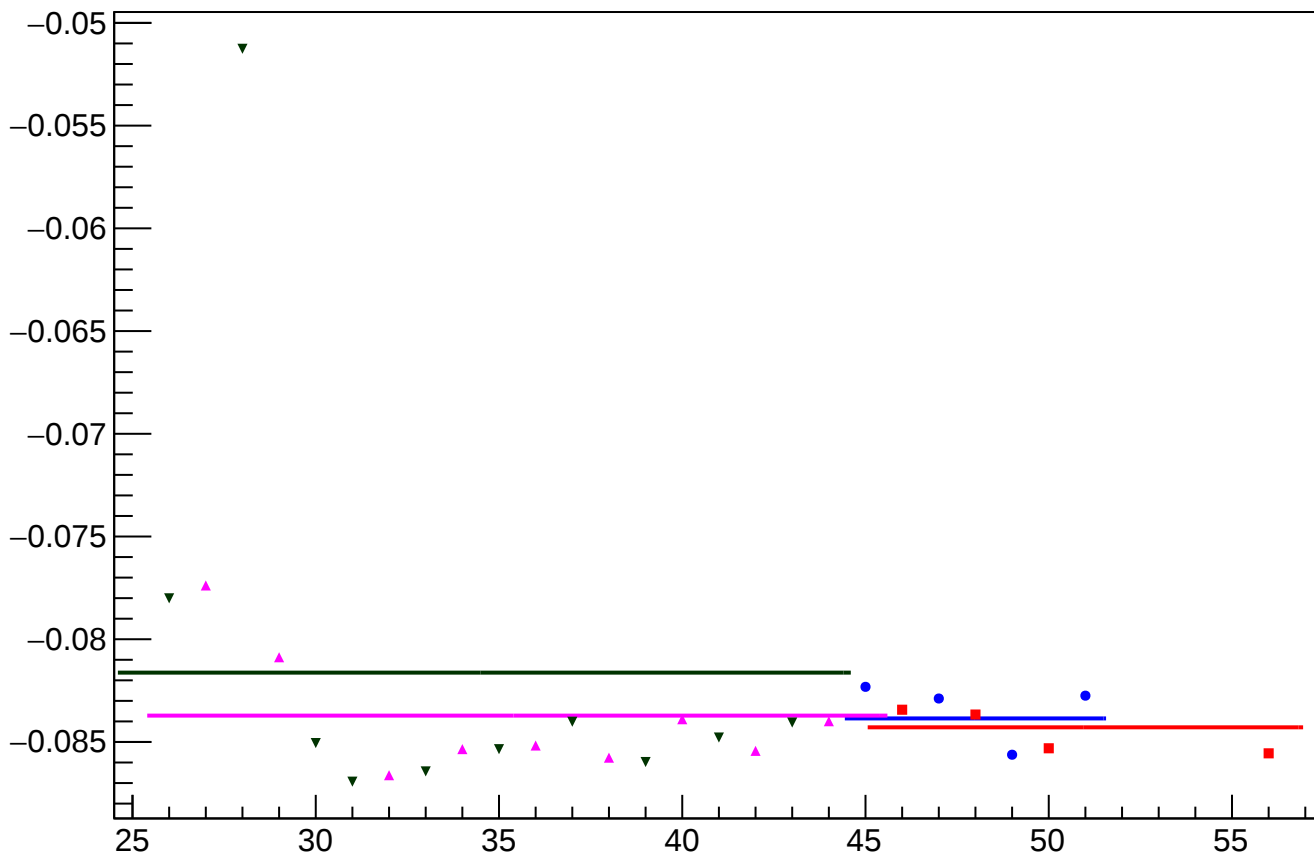
Right Out: 0.003+/-0.000 χ^2/NDF : 908329.3/3

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

0.003+/-0.000 χ^2/NDF : 1388243.2/13

0.003+/-0.000 χ^2/NDF : 1778078.6/12

yield_cav4cY_mean vs slug



Right In: -0.084+/-0.000 χ^2/NDF : 262853.3/3

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

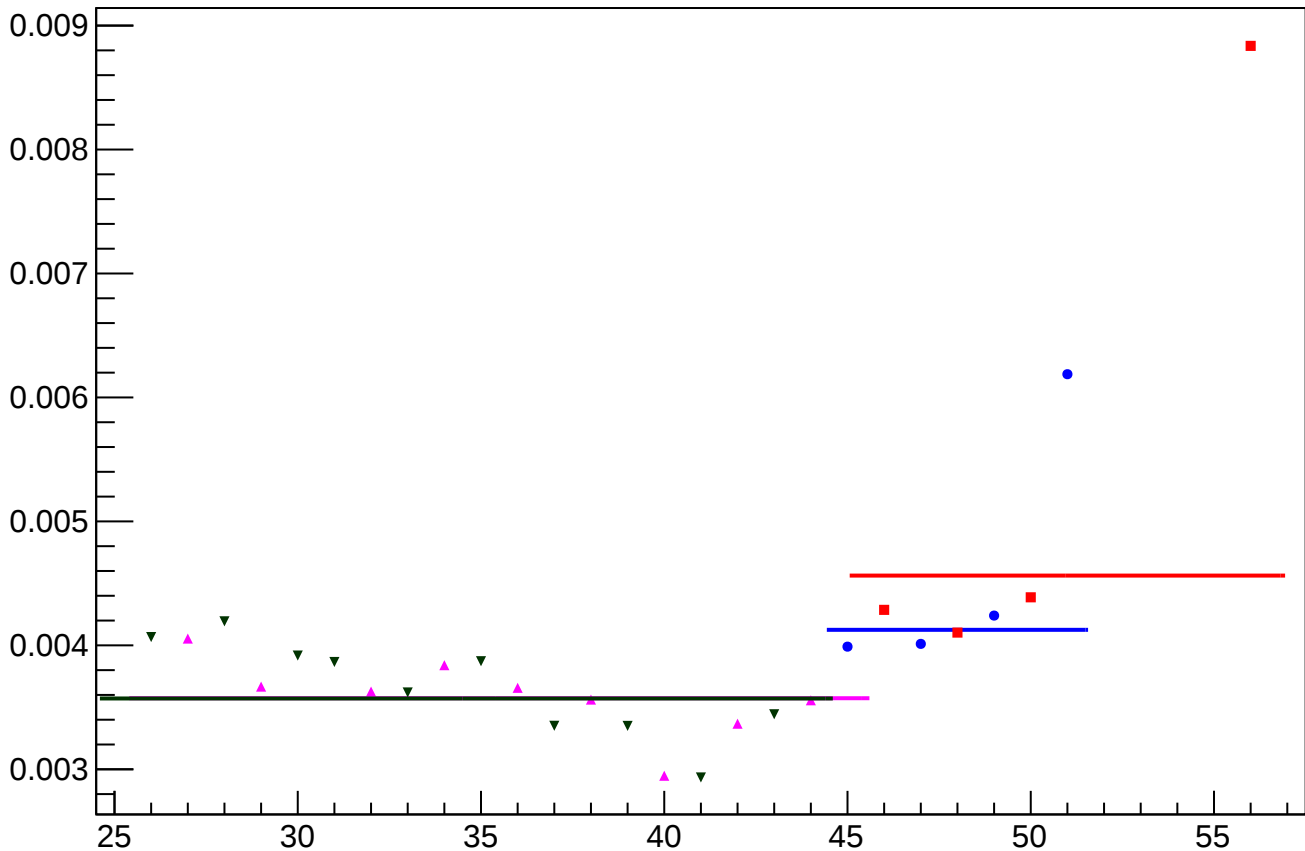
Right Out: -0.084+/-0.000 χ^2/NDF : 62467.1/3

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

-0.082+/-0.000 χ^2/NDF : 36604196.0/13

-0.084+/-0.000 χ^2/NDF : 3604696.2/12

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 13846.5/3

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

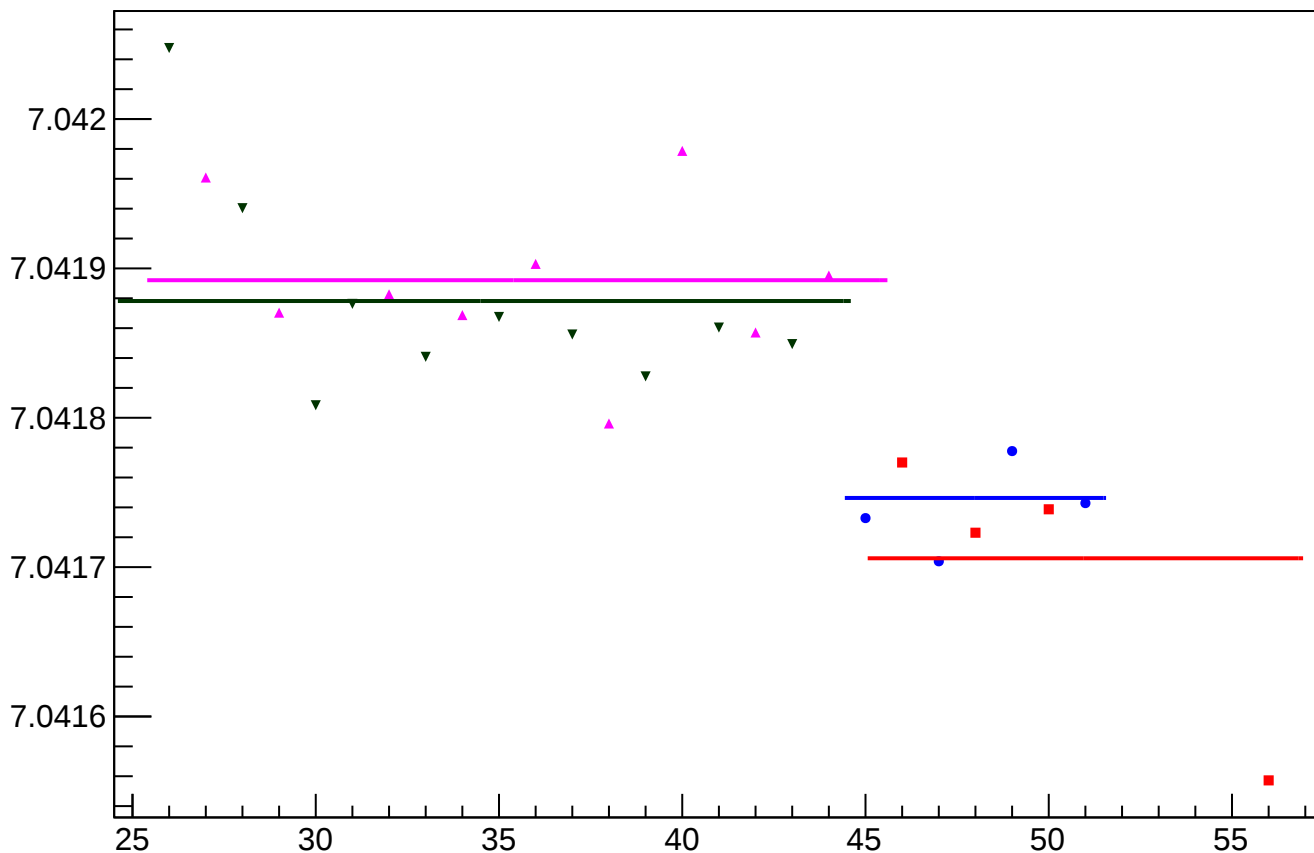
Right Out: 0.005+/-0.000 χ^2/NDF : 207955.4/3

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

0.004+/-0.000 χ^2/NDF : 189096.1/13

0.004+/-0.000 χ^2/NDF : 416787.0/12

yield_cav4dX_mean vs slug



Right In: 7.042 $\pm$ 0.000 χ^2 /NDF: 65522.0/3

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

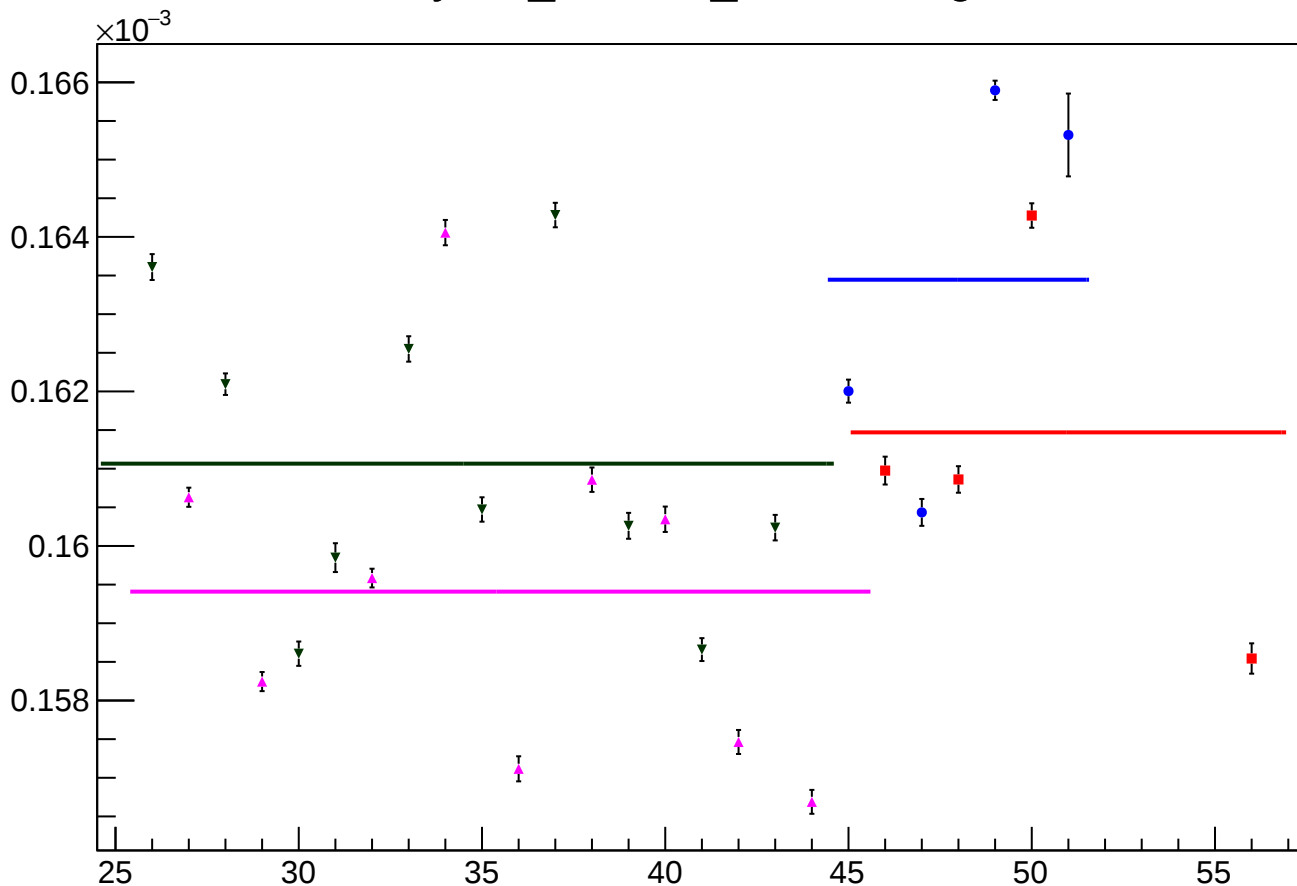
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 376733.3/3

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

7.042 $\pm$ 0.000 χ^2 /NDF: 1803634.3/13

7.042 $\pm$ 0.000 χ^2 /NDF: 2650219.7/12

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 792.1/3

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

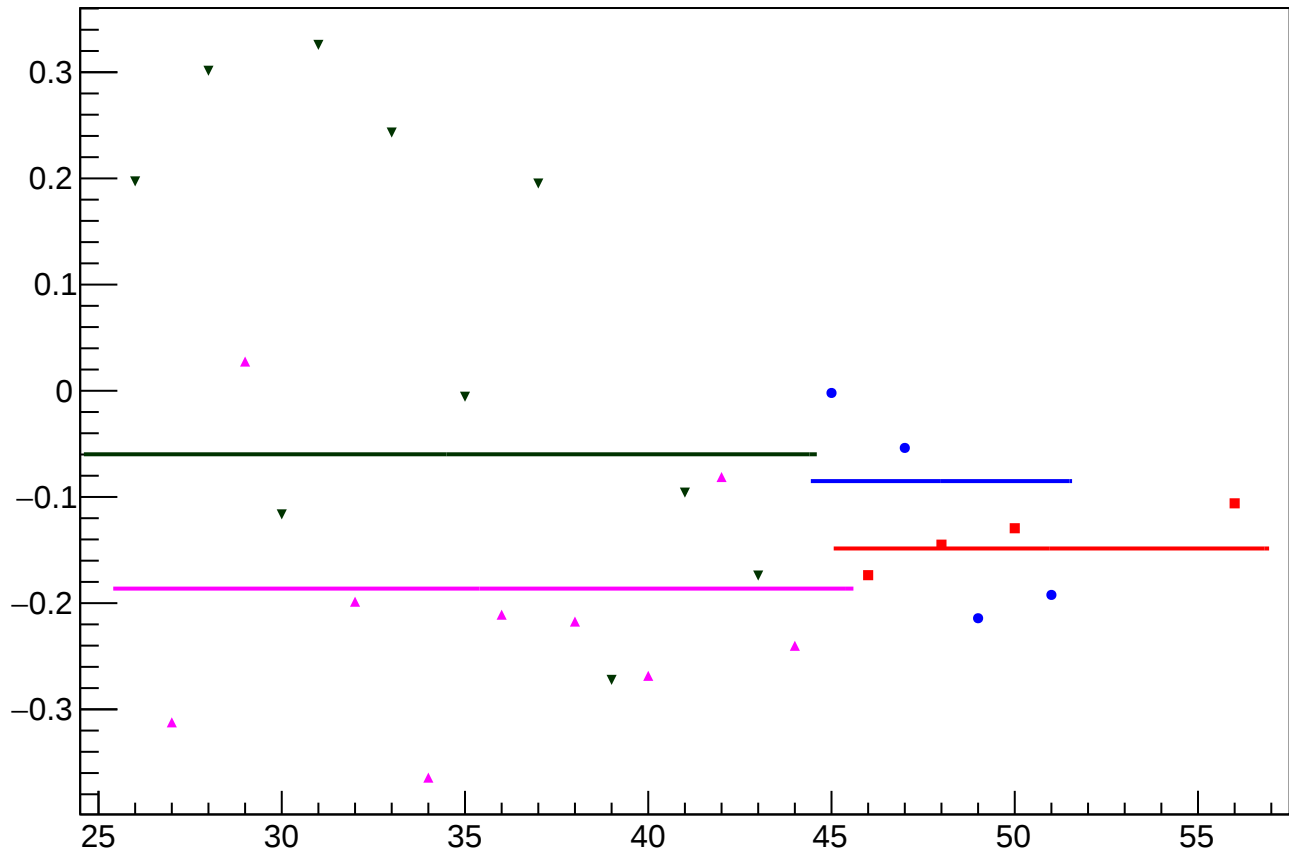
Right Out: 0.000+/-0.000 χ^2/NDF : 556.4/3

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

0.000+/-0.000 χ^2/NDF : 2785.6/13

0.000+/-0.000 χ^2/NDF : 2757.8/12

yield_cav4dY_mean vs slug



Right In: -0.085 ± 0.000 χ^2/NDF : 818523.3/3

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

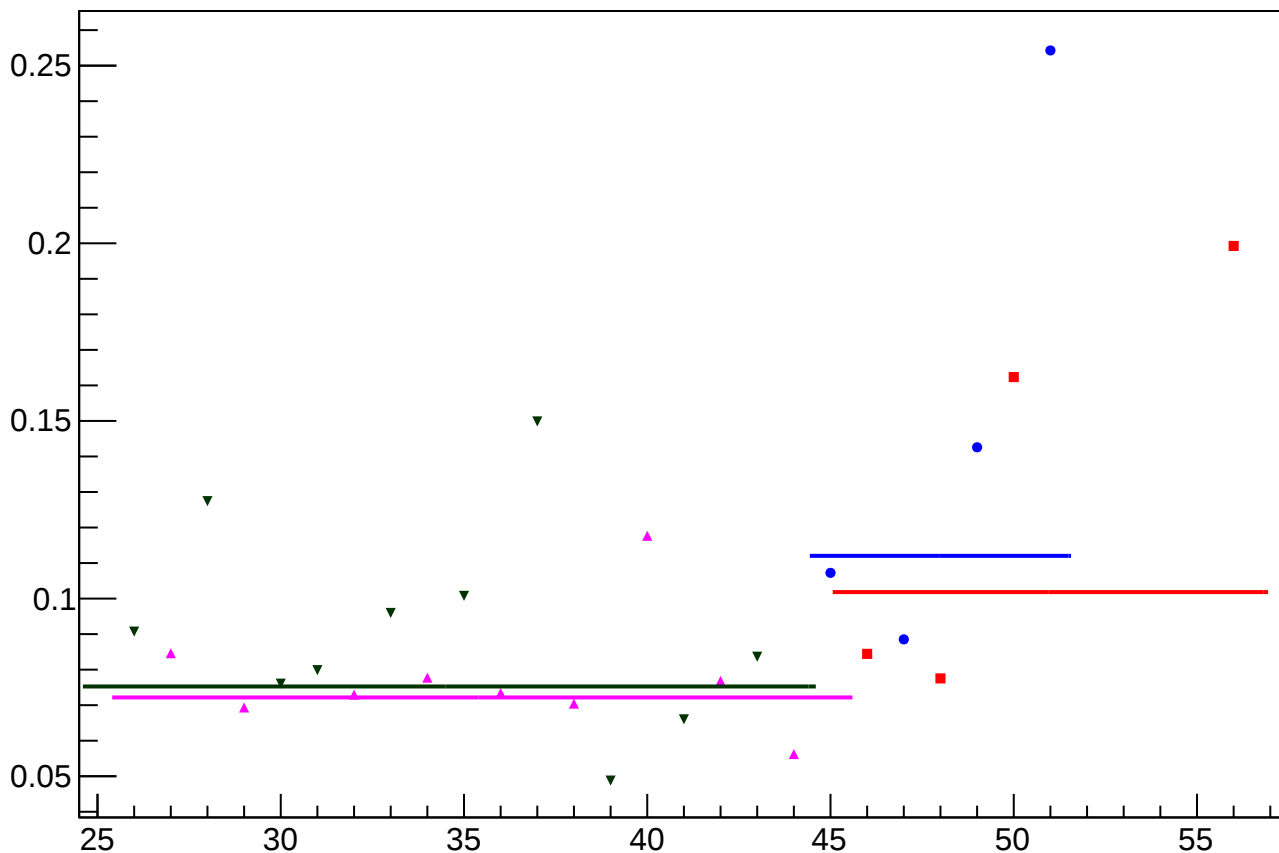
Right Out: -0.149 ± 0.000 χ^2/NDF : 44190.7/3

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

-0.064 ± 0.000 χ^2/NDF : 20376271.5/13

-0.181 ± 0.000 χ^2/NDF : 8535077.9/12

yield_cav4dY_rms vs slug



Right In: 0.112 $\pm$ 0.000 χ^2 /NDF: 136292.1/3

Left Out: 0.075 $\pm$ 0.000 χ^2 /NDF: 580705.7/9

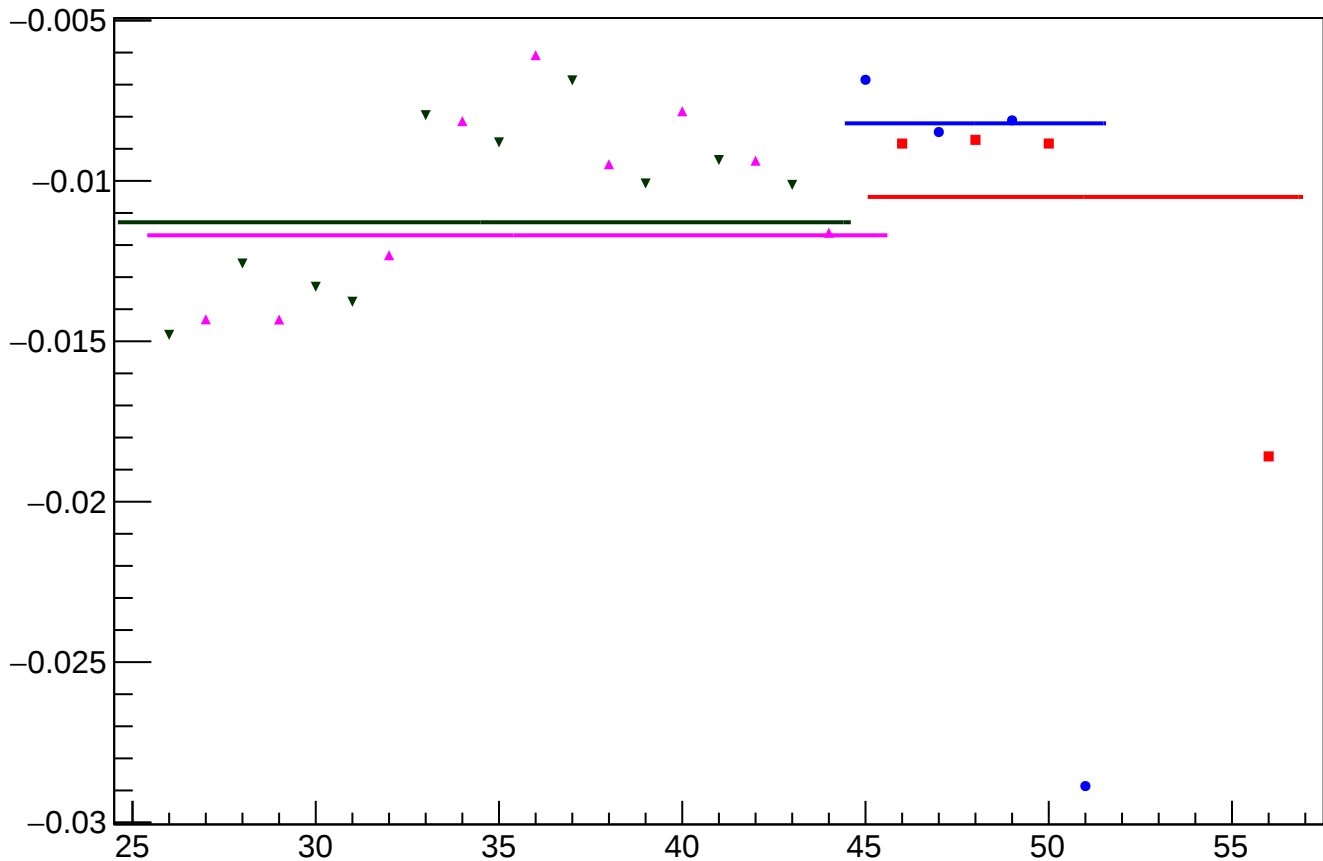
Right Out: 0.102 $\pm$ 0.000 χ^2 /NDF: 360237.7/3

Left In: 0.072 $\pm$ 0.000 χ^2 /NDF: 194281.2/8

0.082 $\pm$ 0.000 χ^2 /NDF: 953647.8/13

0.076 $\pm$ 0.000 χ^2 /NDF: 714326.9/12

yield_bpm4aX_mean vs slug



Right In: -0.008+/-0.000 χ^2/NDF : 160525.0/3

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

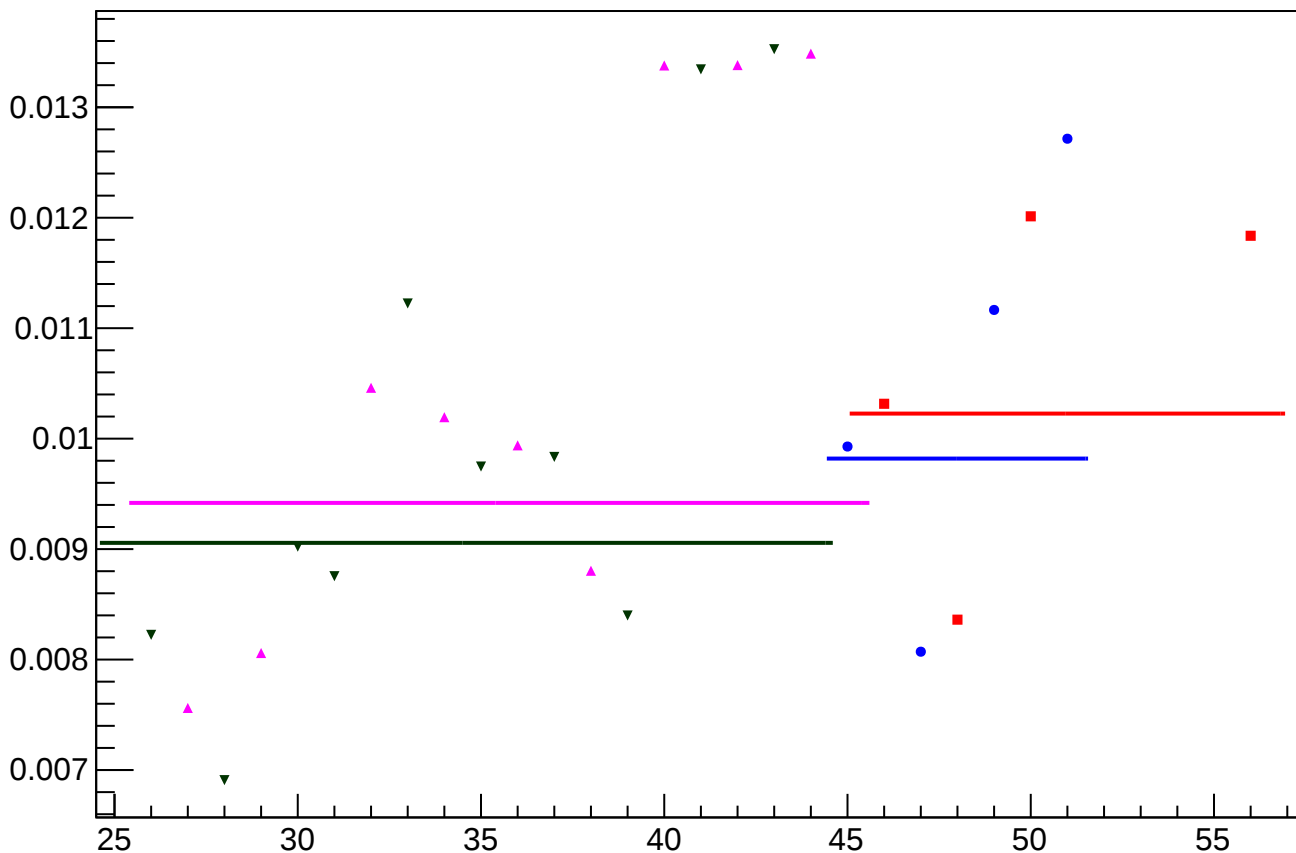
-0.011+/-0.000 χ^2/NDF : 681980.0/13

Right Out: -0.010+/-0.000 χ^2/NDF : 229498.6/3

-0.011+/-0.000 χ^2/NDF : 741274.1/12

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

yield_bpm4aX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 71596.9/3

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

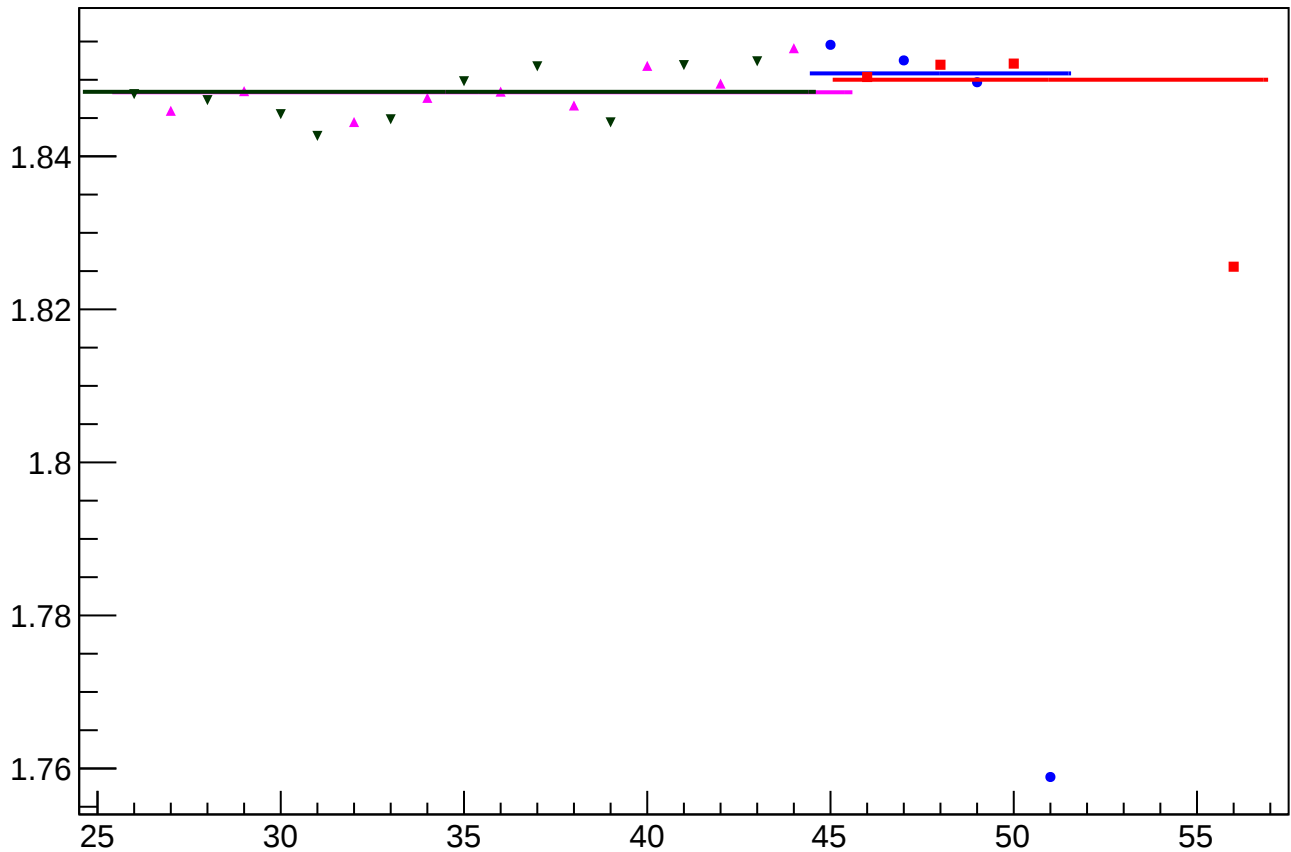
Right Out: 0.010+/-0.000 χ^2/NDF : 81783.0/3

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

0.009+/-0.000 χ^2/NDF : 505239.6/13

0.010+/-0.000 χ^2/NDF : 546833.9/12

yield_bpm4aY_mean vs slug



Right In: 1.851+/-0.000 χ^2/NDF : 817141.8/3

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

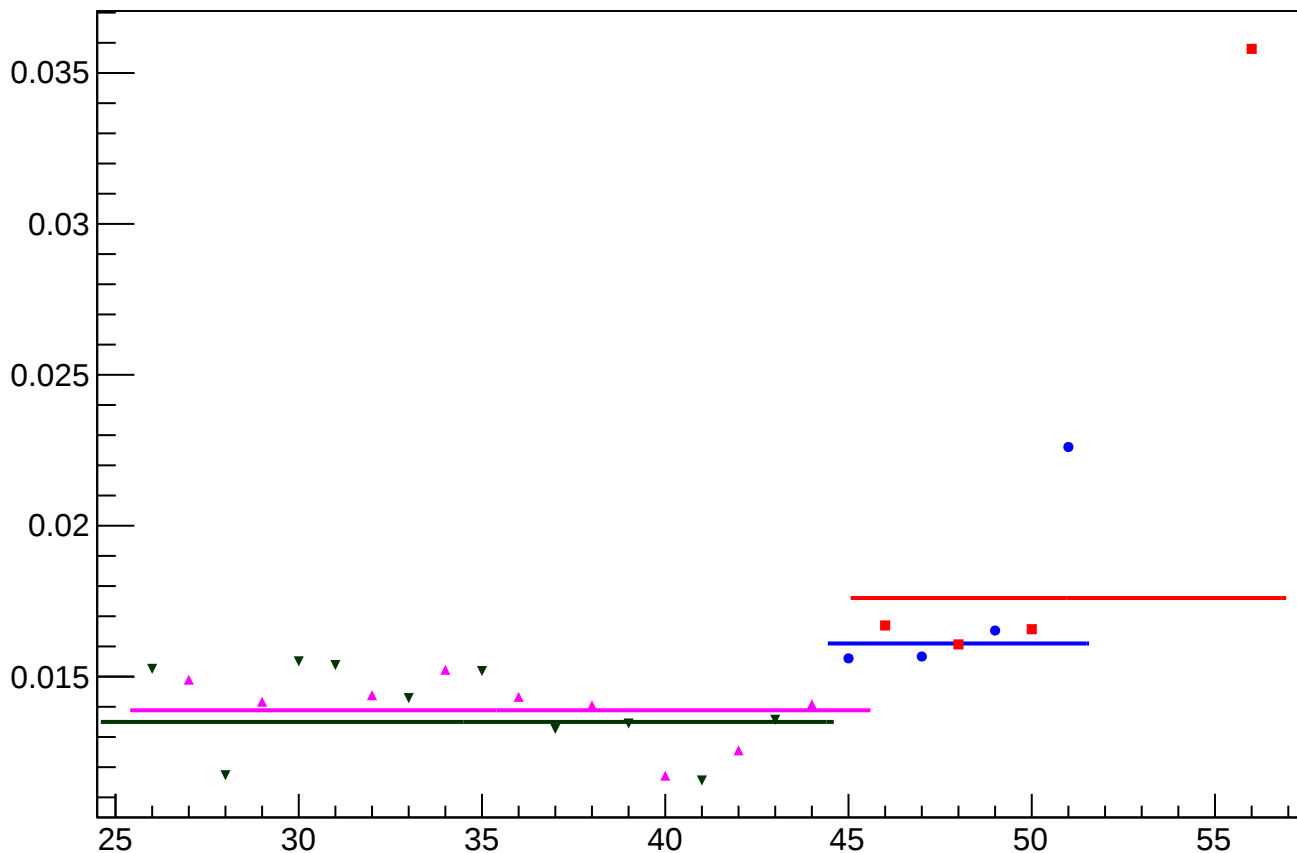
1.849+/-0.000 χ^2/NDF : 1123006.0/13

Right Out: 1.850+/-0.000 χ^2/NDF : 207009.6/3

1.849+/-0.000 χ^2/NDF : 445422.4/12

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

yield_bpm4aY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 10743.2/3

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

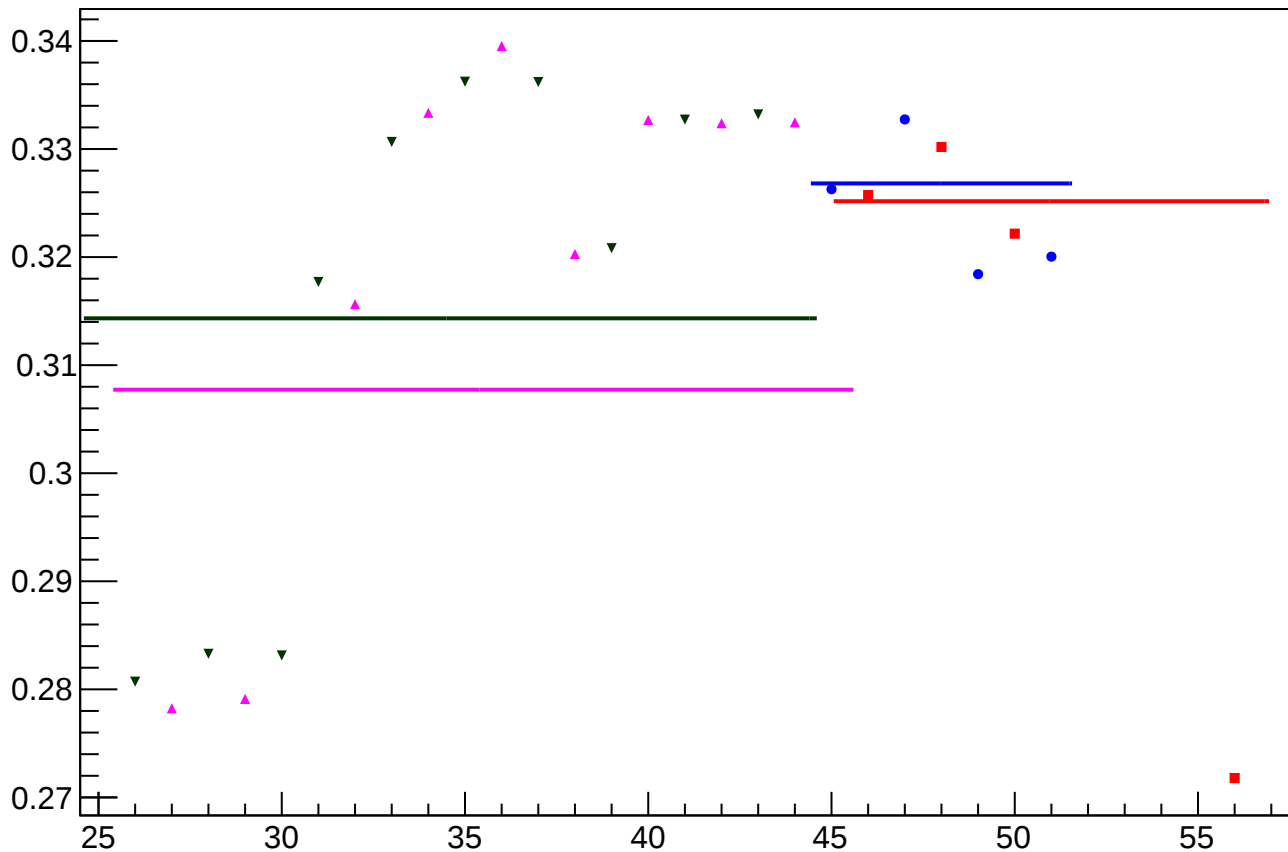
Right Out: 0.018+/-0.000 χ^2/NDF : 227094.2/3

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

0.014+/-0.000 χ^2/NDF : 203952.7/13

0.014+/-0.000 χ^2/NDF : 415226.4/12

yield_bpm4eX_mean vs slug



Right In: 0.327 $\pm$ 0.000 χ^2 /NDF: 161873.0/3

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

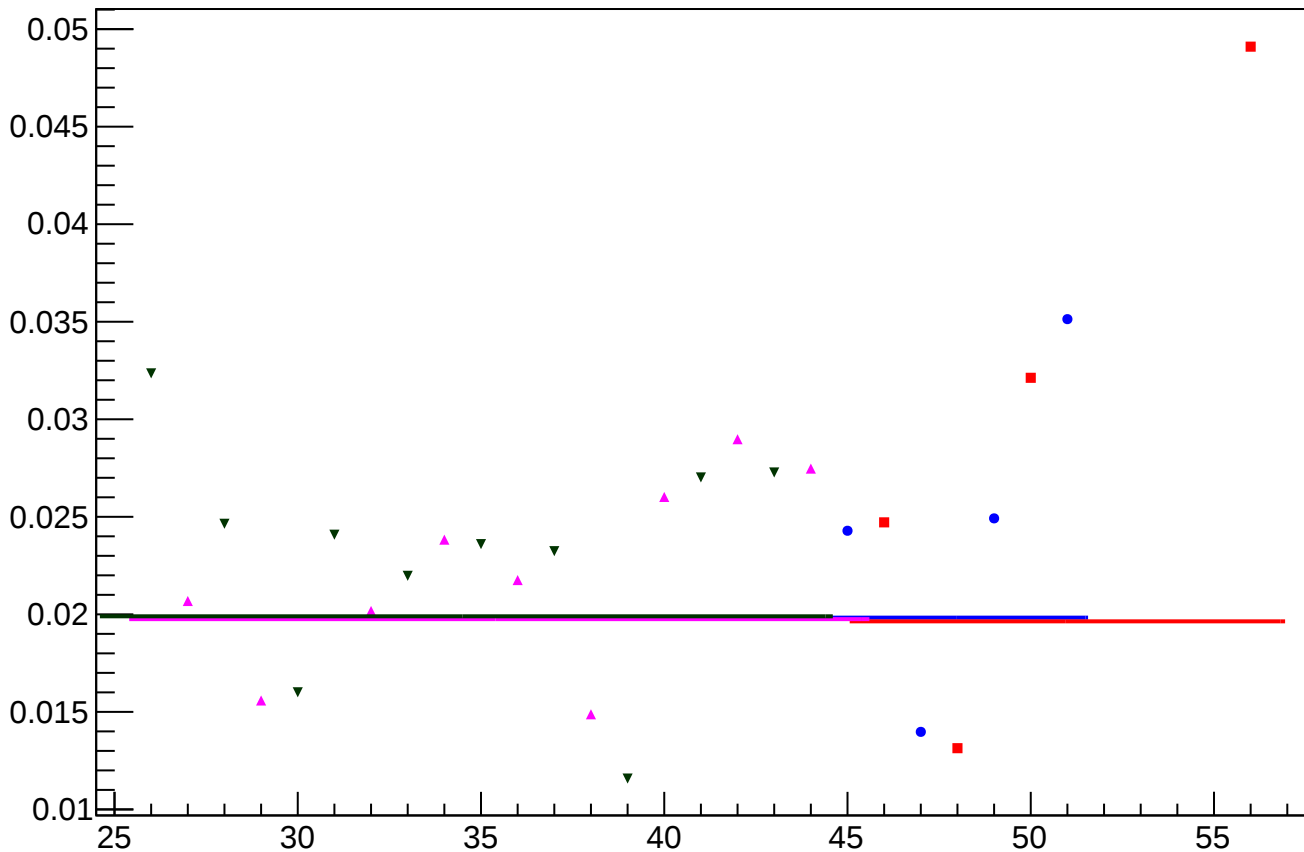
Right Out: 0.325 $\pm$ 0.000 χ^2 /NDF: 616297.8/3

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

0.318 $\pm$ 0.000 χ^2 /NDF: 5775574.6/13

0.312 $\pm$ 0.000 χ^2 /NDF: 8846167.8/12

yield_bpm4eX_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 258117.4/3

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

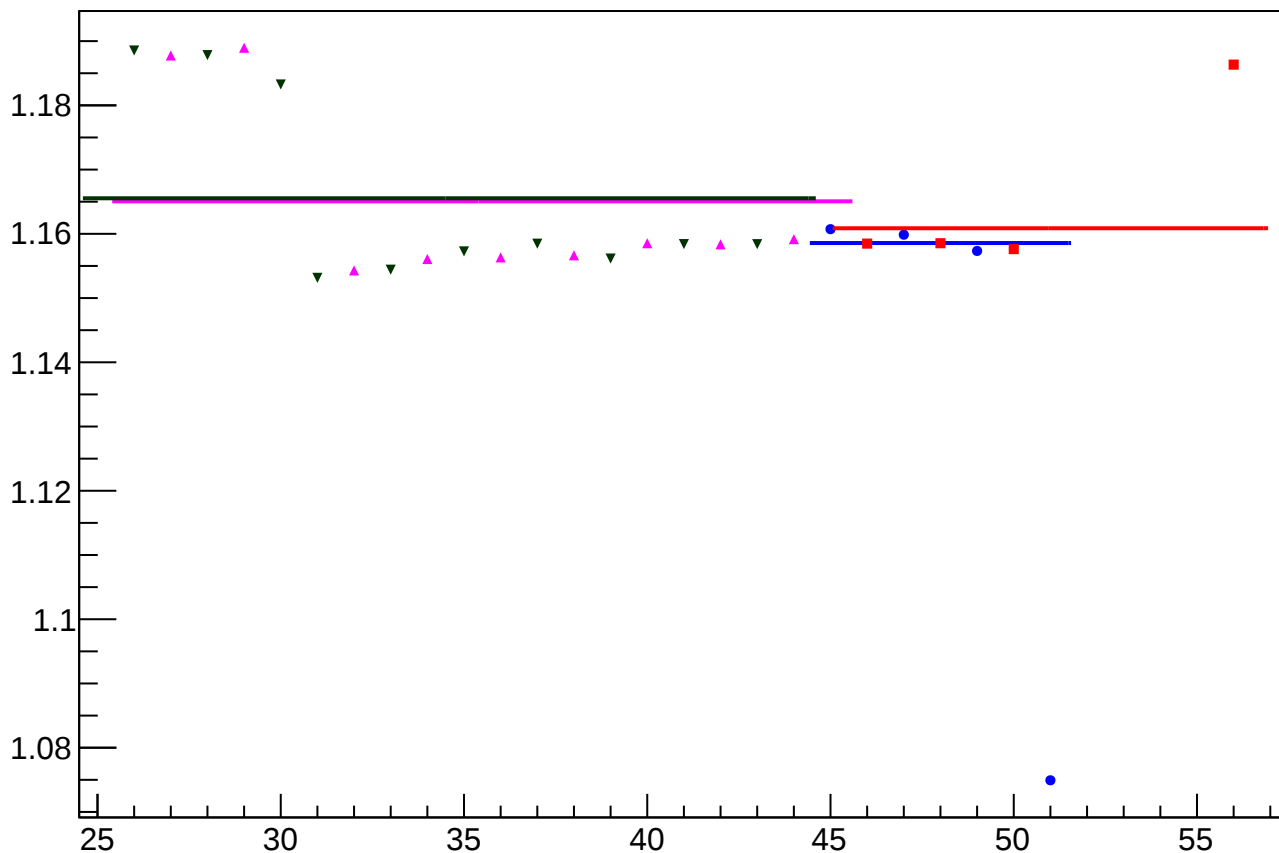
Right Out: 0.020+/-0.000 χ^2/NDF : 713580.0/3

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

0.020+/-0.000 χ^2/NDF : 1142820.7/13

0.020+/-0.000 χ^2/NDF : 1194594.5/12

yield_bpm4eY_mean vs slug



Right In: 1.159 ± 0.000 χ^2/NDF : 1141341.7/3

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

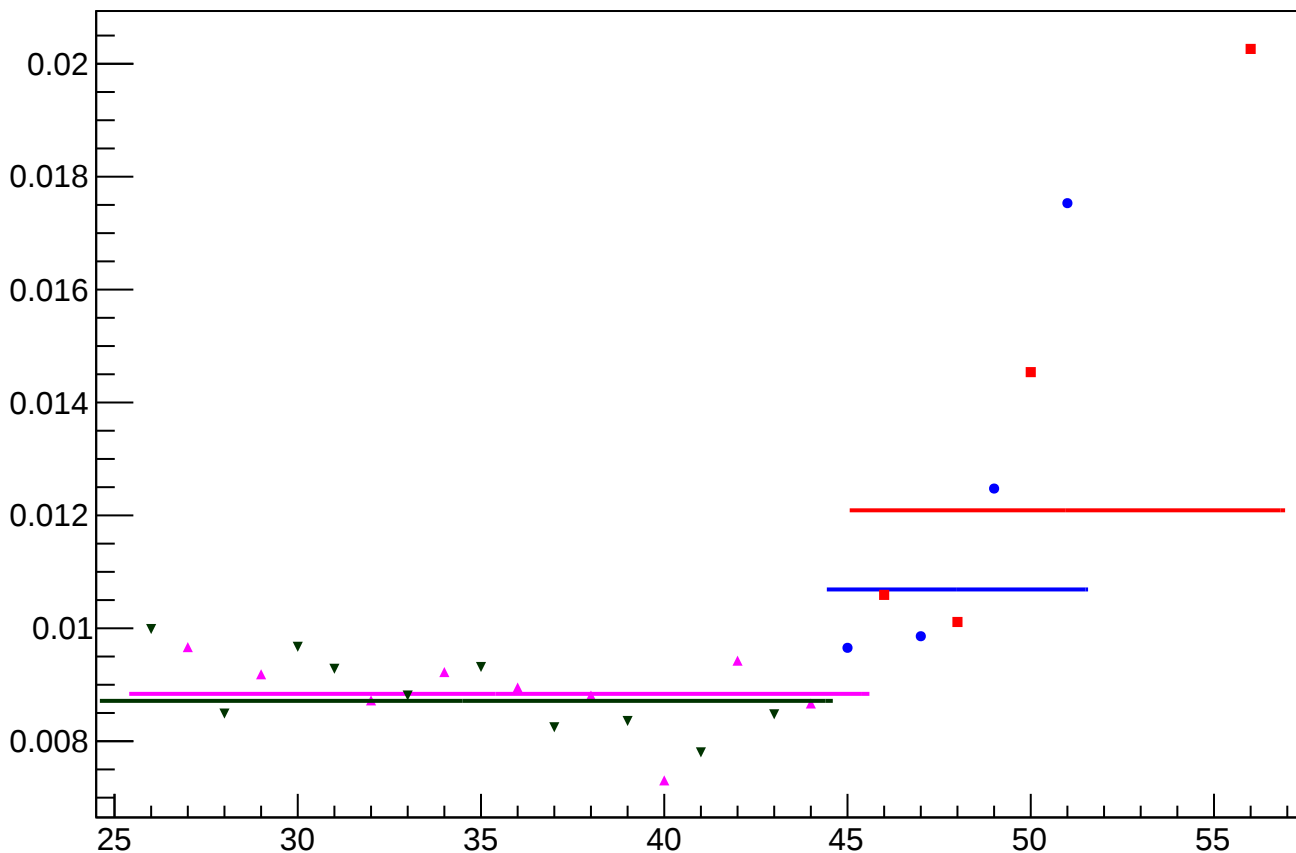
Right Out: 1.161 ± 0.000 χ^2/NDF : 718622.0/3

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

1.164 ± 0.000 χ^2/NDF : 13792573.2/13

1.164 ± 0.000 χ^2/NDF : 14236397.1/12

yield_bpm4eY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 66789.1/3

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

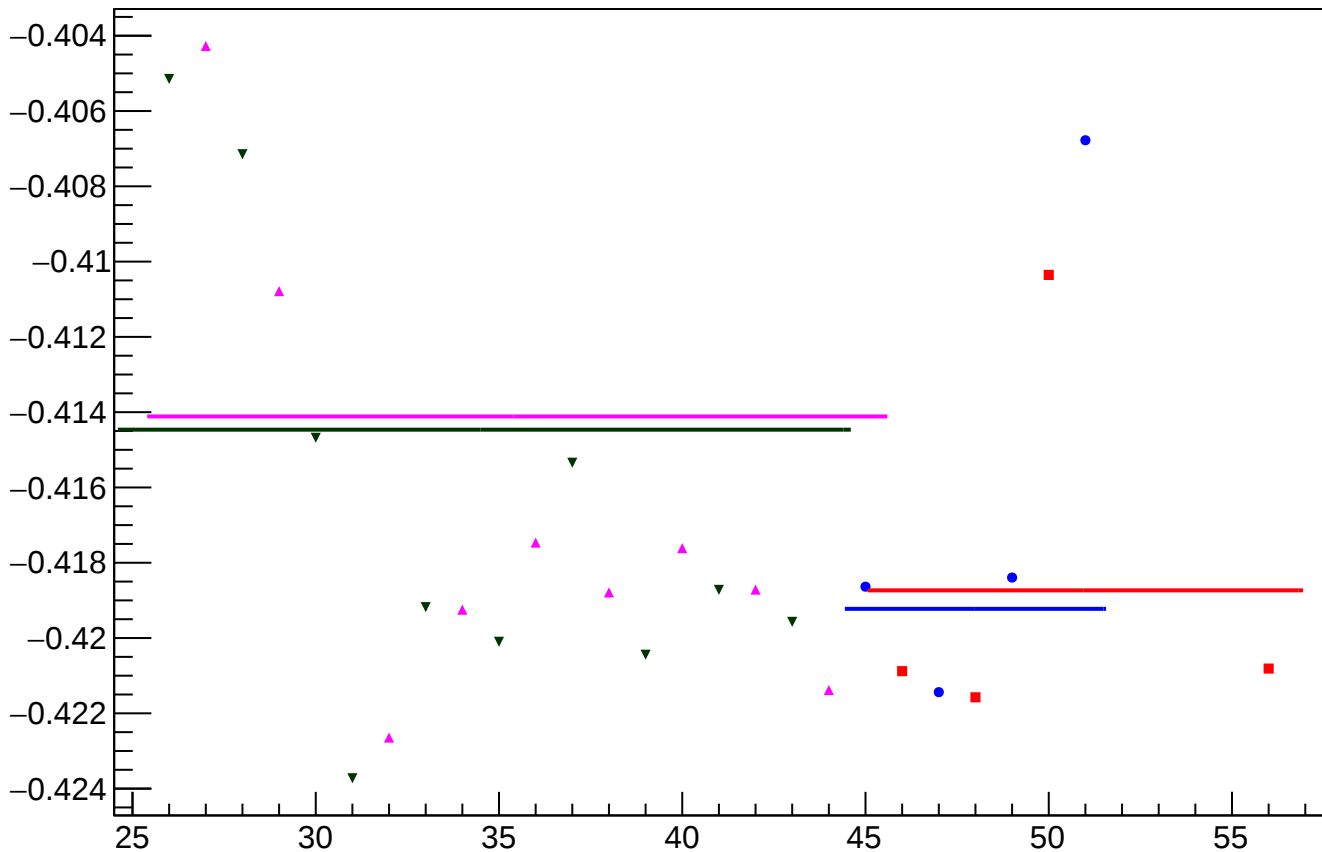
Right Out: 0.012+/-0.000 χ^2/NDF : 209855.8/3

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

0.009+/-0.000 χ^2/NDF : 220469.8/13

0.009+/-0.000 χ^2/NDF : 473603.7/12

yield_bpm4acX_mean vs slug



Right In: -0.419+/-0.000 χ^2/NDF : 92229.1/3

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

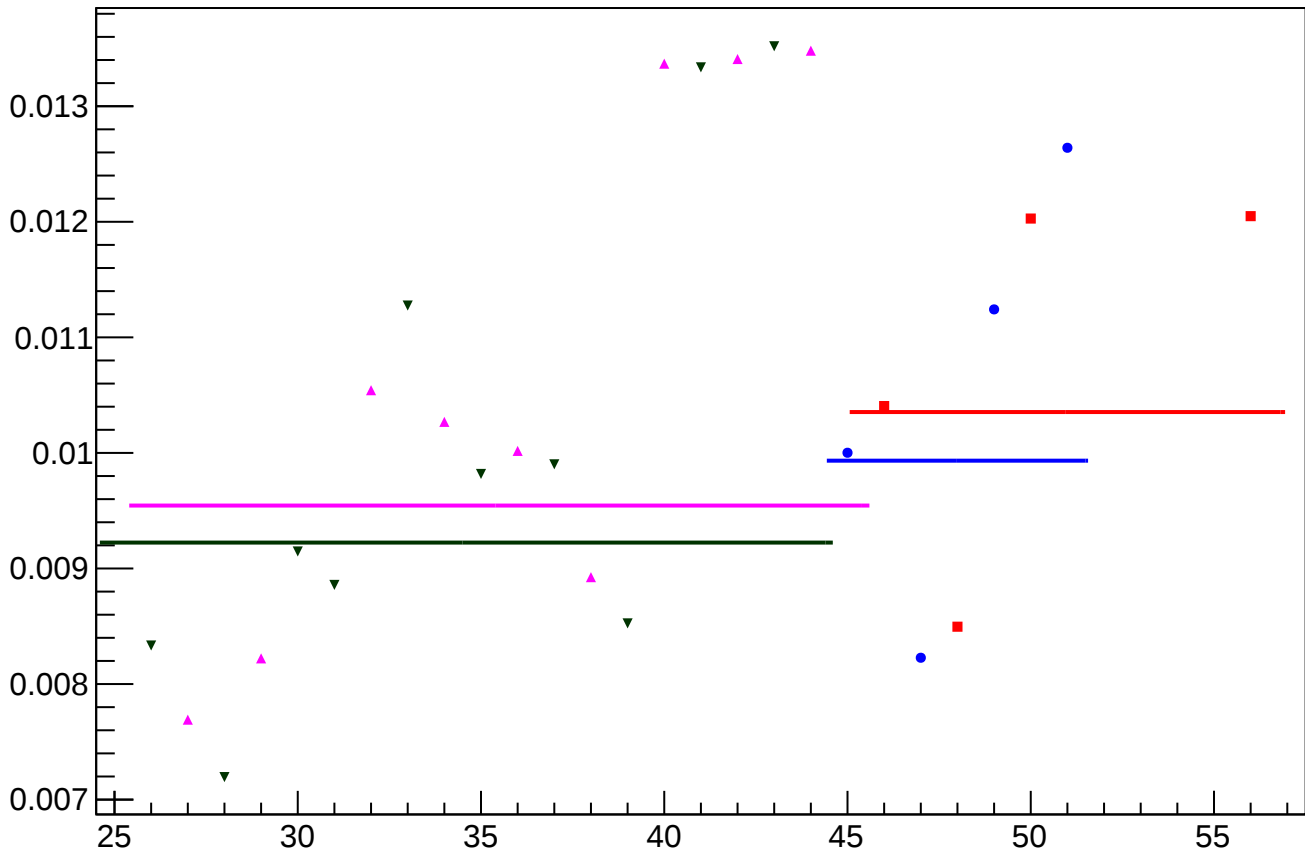
Right Out: -0.419+/-0.000 χ^2/NDF : 335998.9/3

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

-0.416+/-0.000 χ^2/NDF : 2742149.7/13

-0.415+/-0.000 χ^2/NDF : 3259089.5/12

yield_bpm4acX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 65862.9/3

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

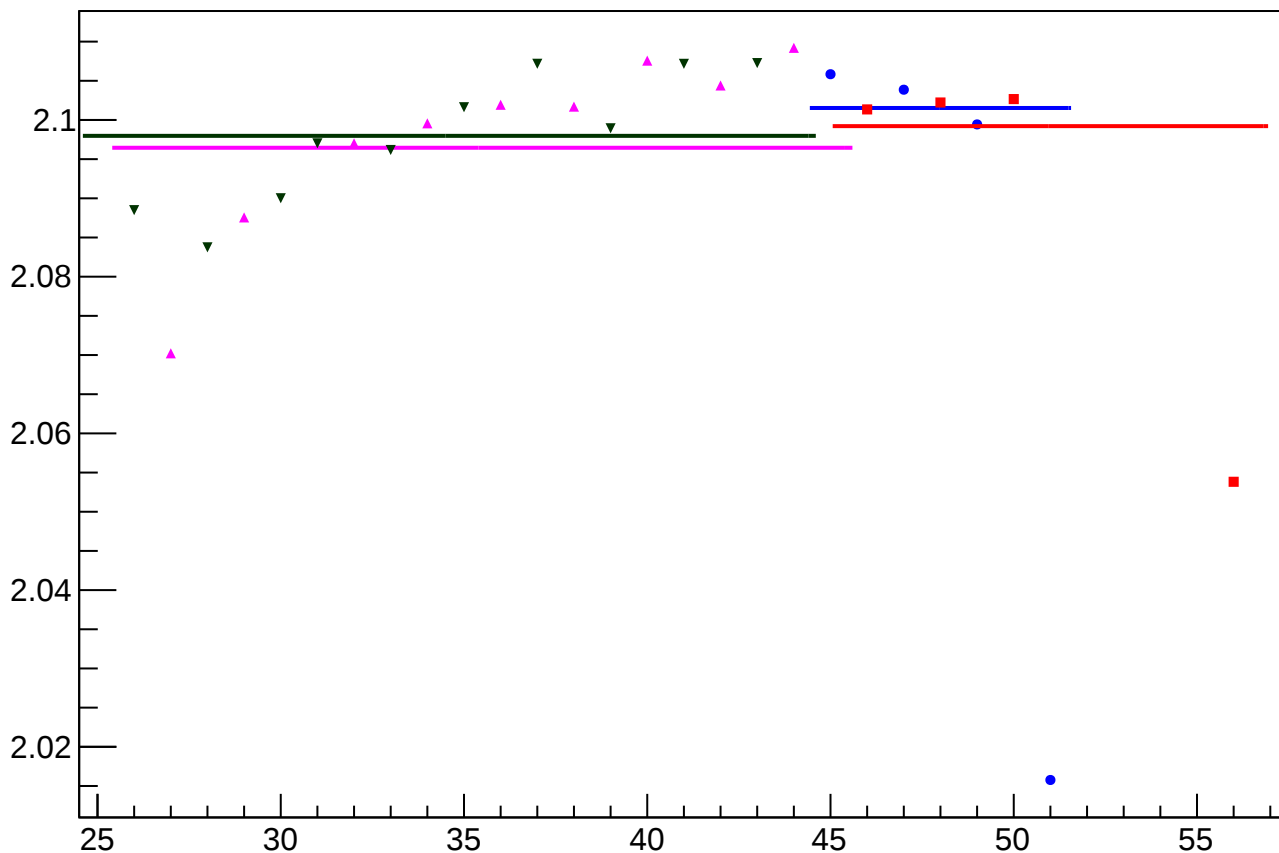
0.009+/-0.000 χ^2/NDF : 452660.3/13

Right Out: 0.010+/-0.000 χ^2/NDF : 78299.4/3

0.010+/-0.000 χ^2/NDF : 515894.6/12

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

yield_bpm4acY_mean vs slug



Right In: 2.102 $\pm$ 0.000 χ^2 /NDF: 733079.7/3

Left Out: 2.098 $\pm$ 0.000 χ^2 /NDF:1974278.7/9

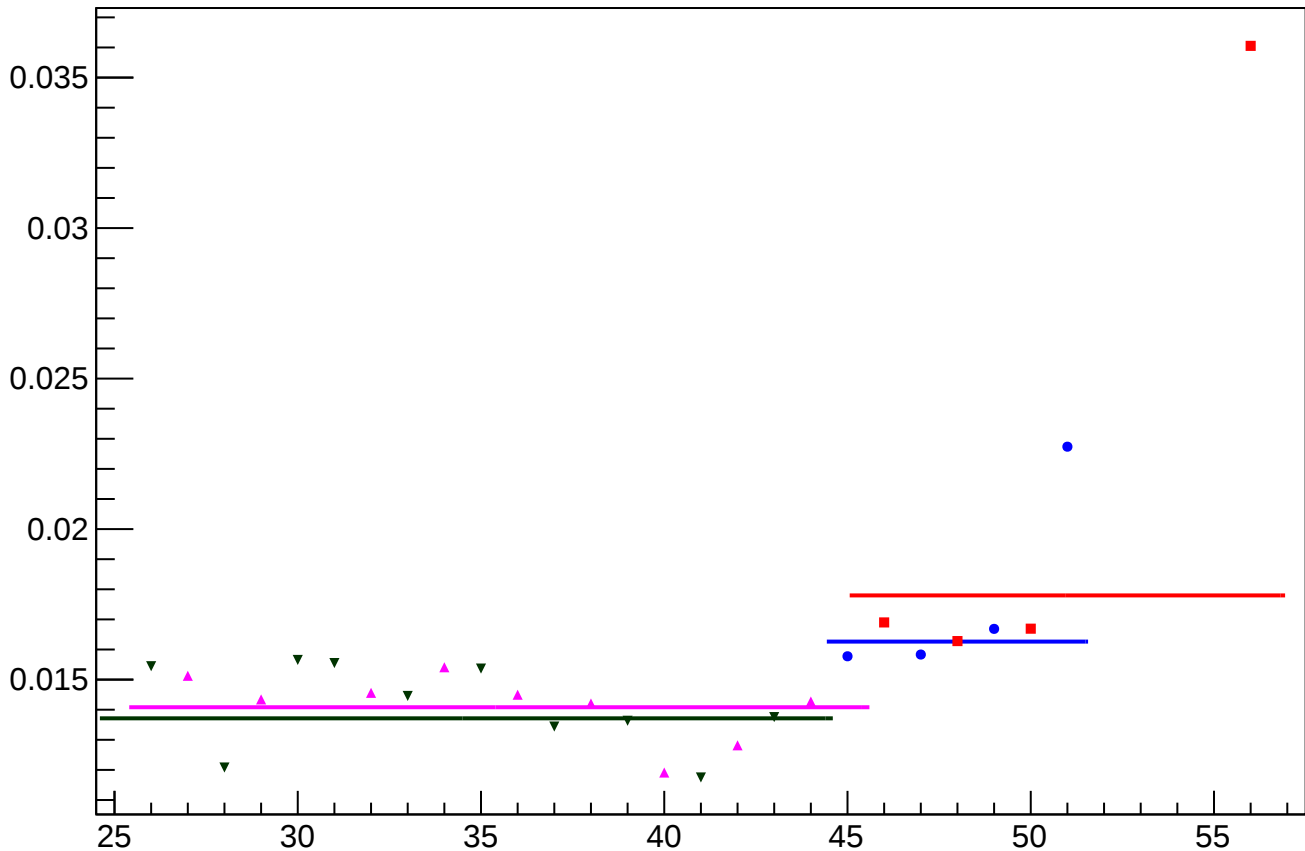
Right Out: 2.099 $\pm$ 0.000 χ^2 /NDF: 696385.0/3

Left In: 2.096 $\pm$ 0.000 χ^2 /NDF:3989569.5/8

2.099 $\pm$ 0.000 χ^2 /NDF: 2778971.7/13

2.097 $\pm$ 0.000 χ^2 /NDF: 4719322.9/12

yield_bpm4acY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 10454.4/3

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

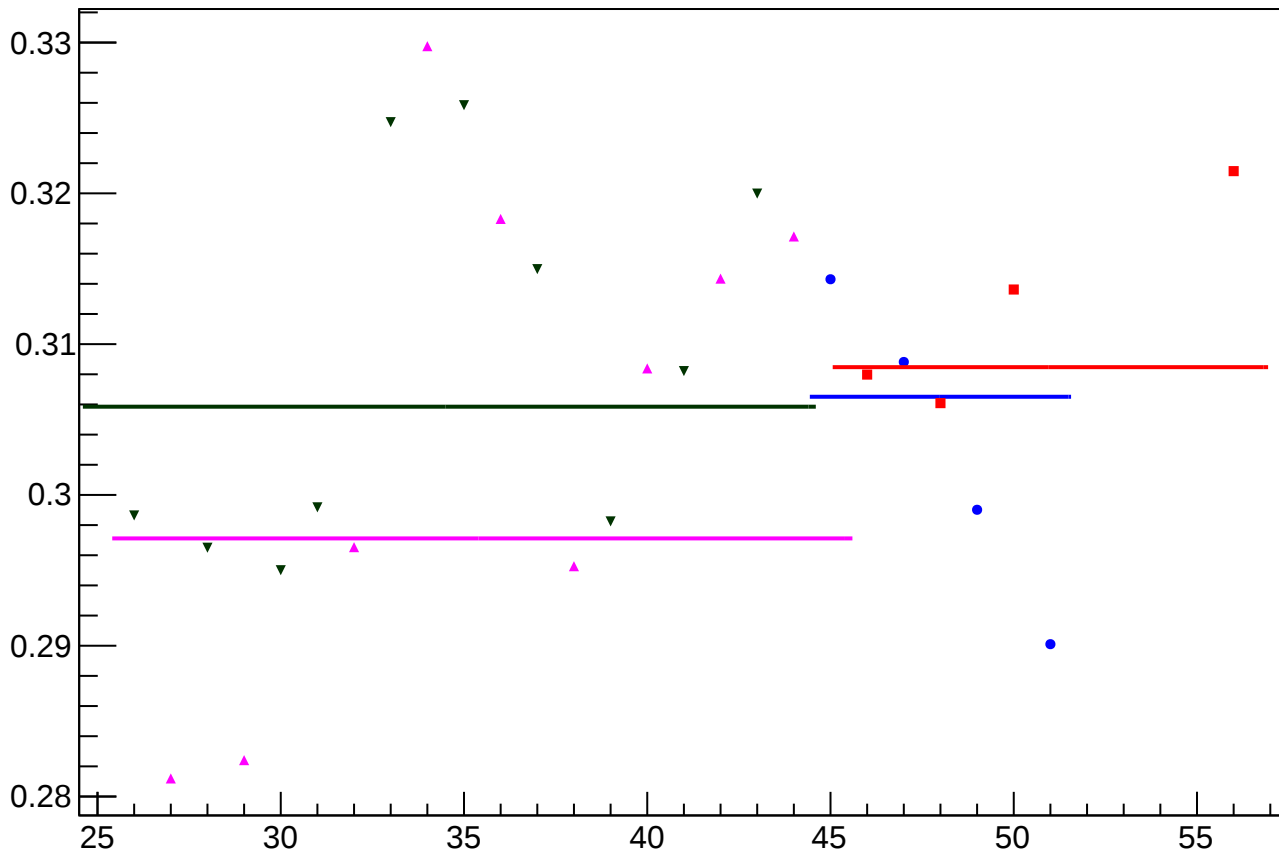
0.014+/-0.000 χ^2/NDF : 189949.5/13

Right Out: 0.018+/-0.000 χ^2/NDF : 225475.4/3

0.015+/-0.000 χ^2/NDF : 407151.4/12

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

yield_bpm4ecX_mean vs slug



Right In: 0.307+/-0.000 χ^2/NDF : 168387.8/3

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

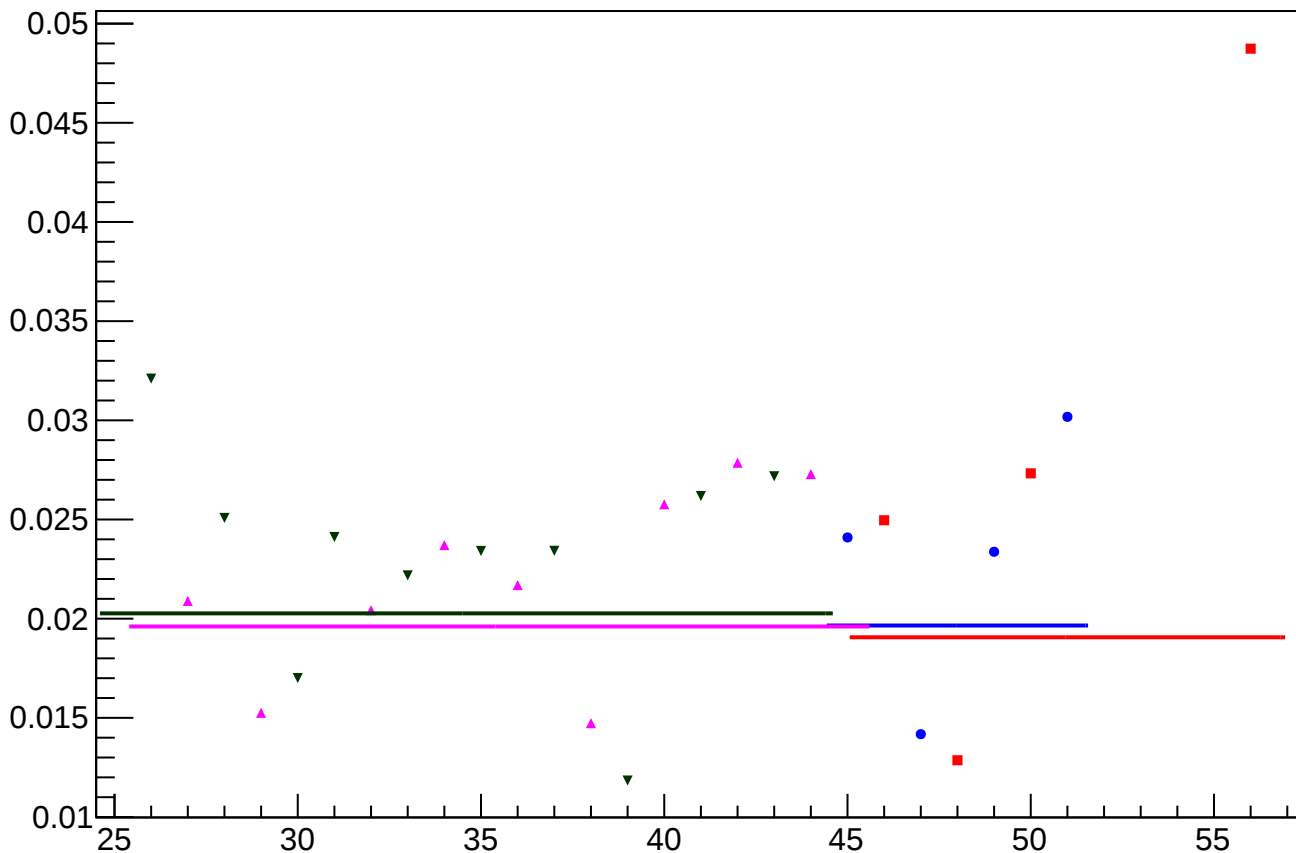
0.306+/-0.000 χ^2/NDF : 1613969.8/13

Right Out: 0.308+/-0.000 χ^2/NDF : 65208.3/3

0.300+/-0.000 χ^2/NDF : 3566485.4/12

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

yield_bpm4ecX_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 206951.2/3

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

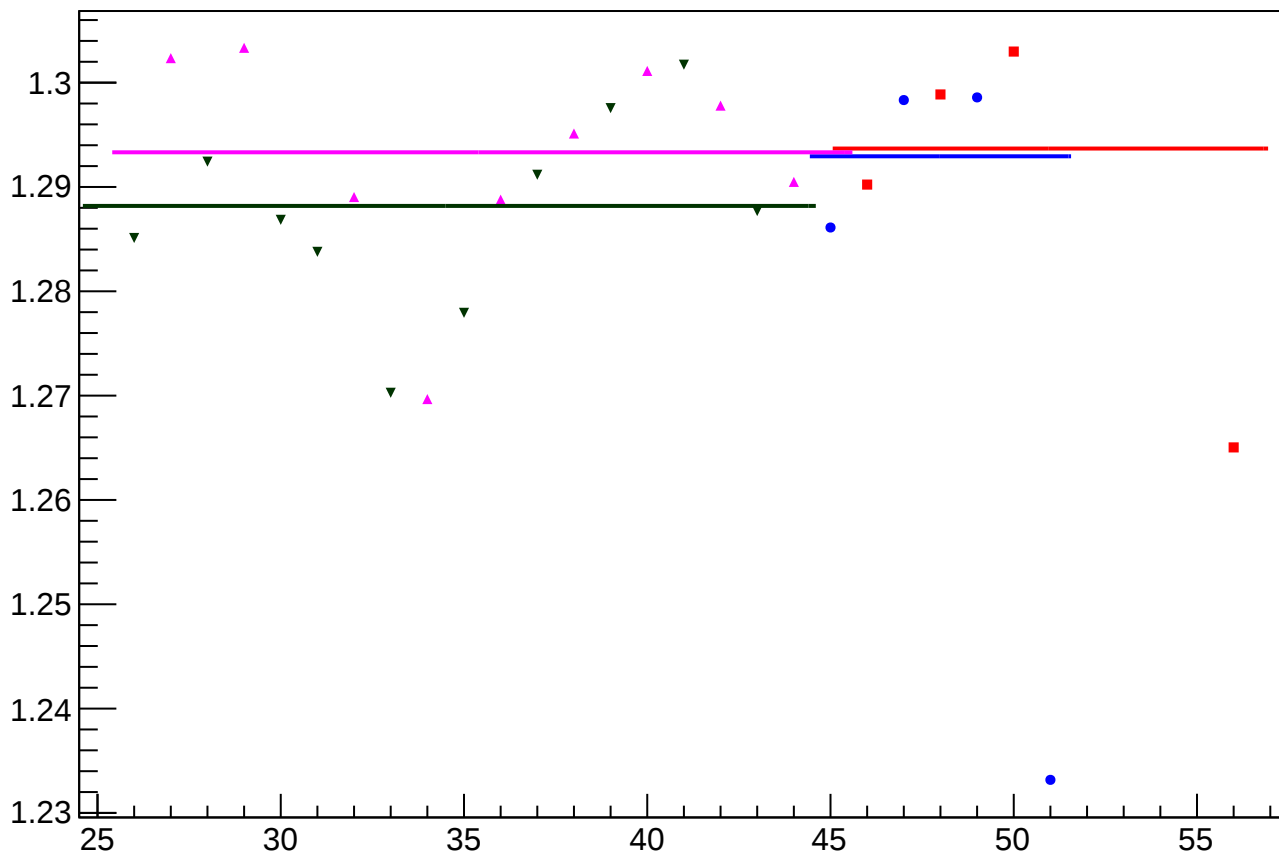
Right Out: 0.019+/-0.000 χ^2/NDF : 667559.9/3

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

0.020+/-0.000 χ^2/NDF : 1015156.1/13

0.019+/-0.000 χ^2/NDF : 1161701.3/12

yield_bpm4ecY_mean vs slug



Right In: 1.293+/-0.000 χ^2/NDF : 913636.8/3

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

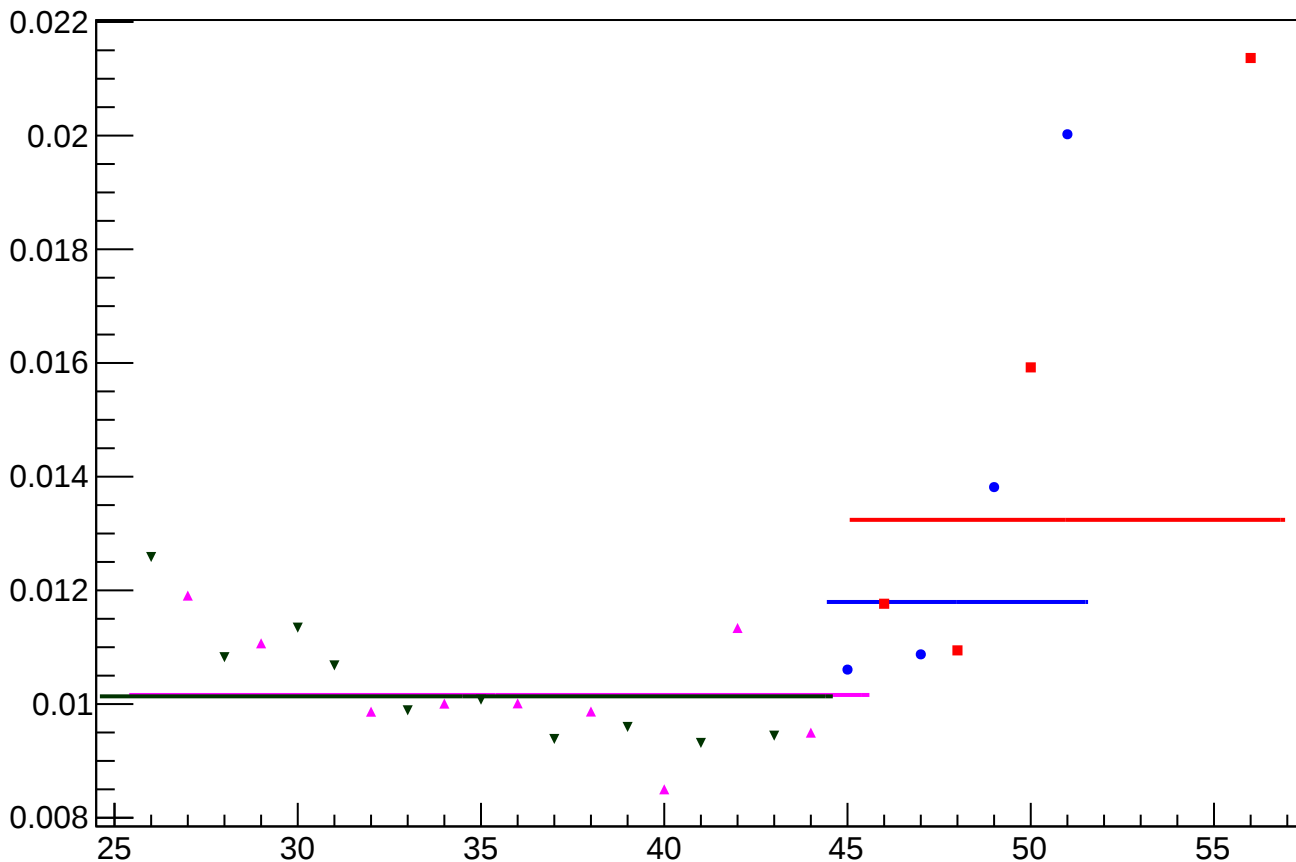
Right Out: 1.294+/-0.000 χ^2/NDF : 1040599.5/3

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

1.289+/-0.000 χ^2/NDF : 5124184.5/13

1.293+/-0.000 χ^2/NDF : 5726167.6/12

yield_bpm4ecY_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 71705.5/3

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 77620.6/9

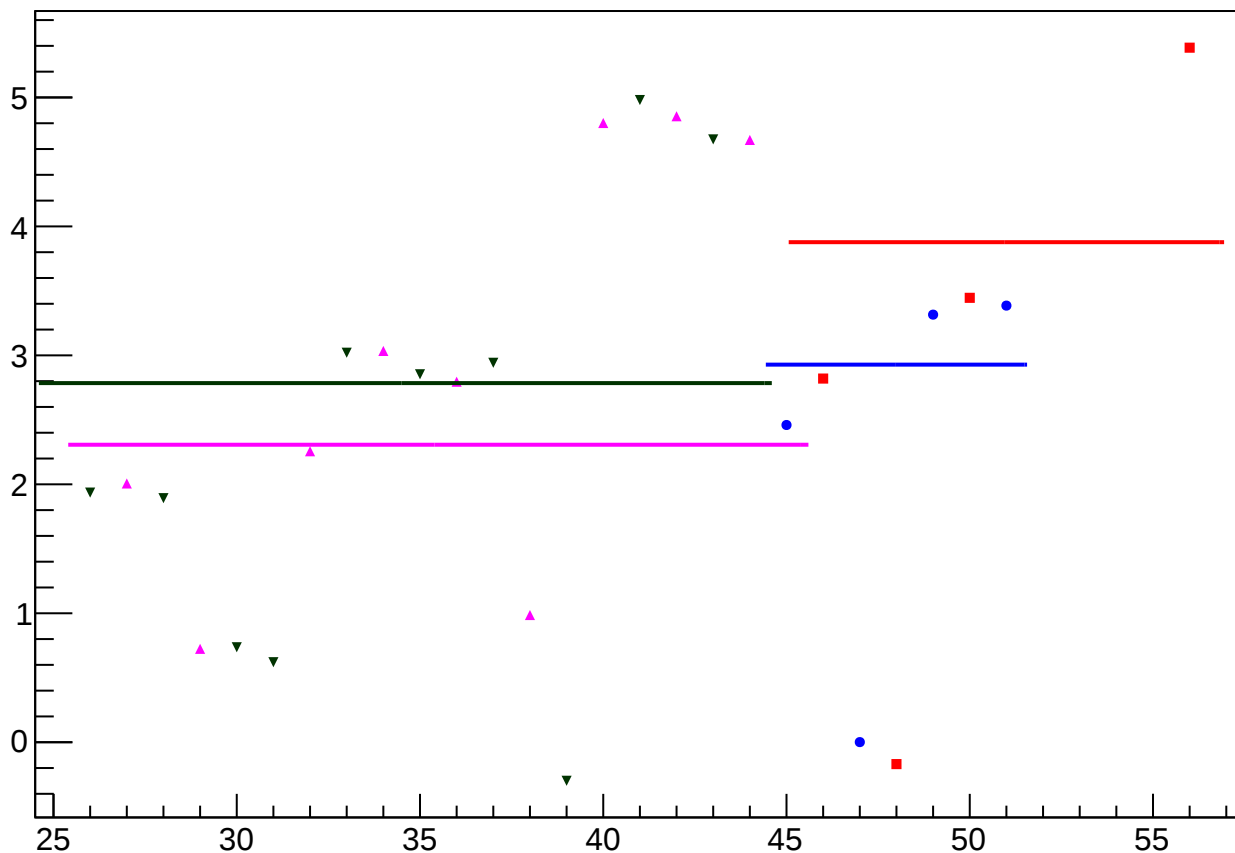
0.010 $\pm$ 0.000 χ^2 /NDF: 206213.5/13

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 197529.9/3

0.011 $\pm$ 0.000 χ^2 /NDF: 446965.0/12

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 100523.1/8

yield_bpm1X_mean vs slug



Right In: 2.928 ± 0.000 χ^2/NDF : 191702419.5/3

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

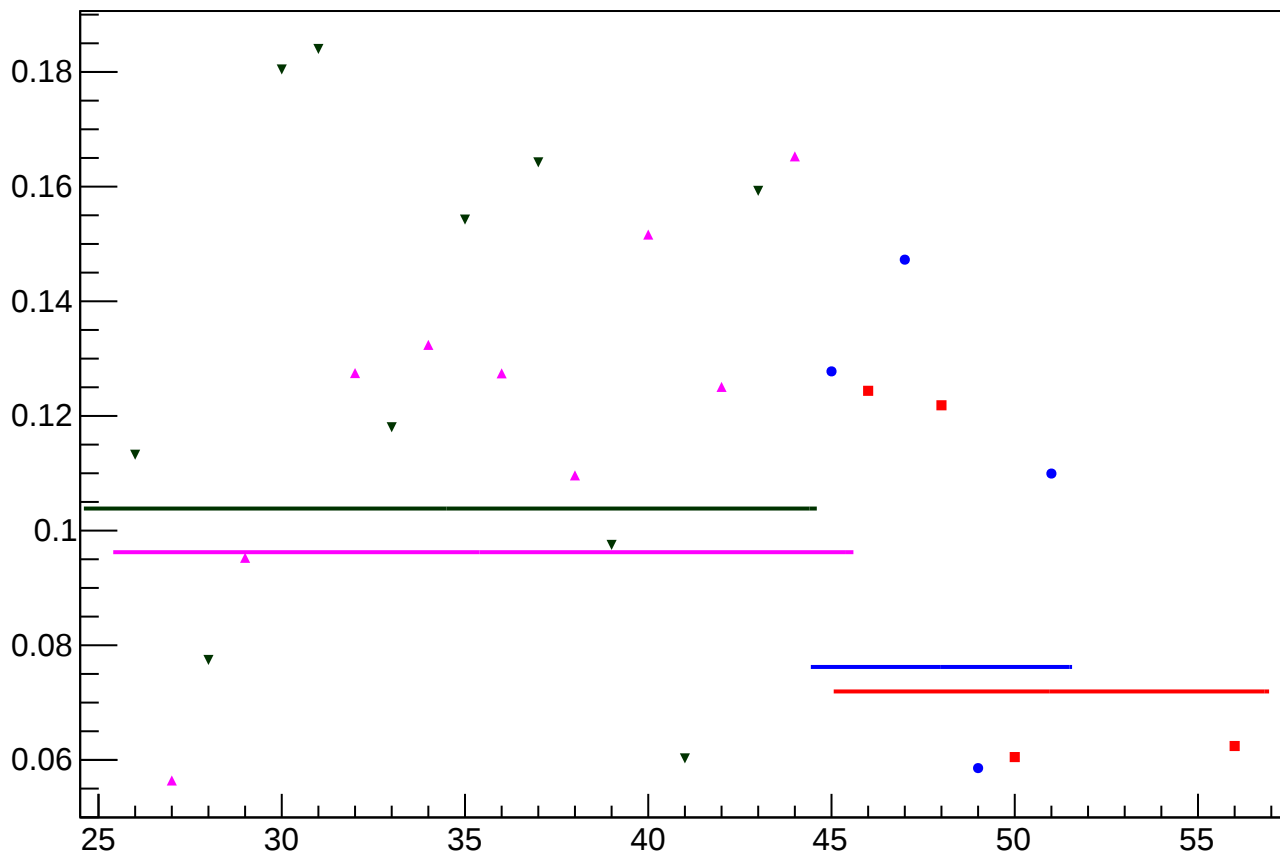
Right Out: 3.878 ± 0.000 χ^2/NDF : 690469027.4/3

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

2.844 ± 0.000 χ^2/NDF : 1131839558.2/13

2.907 ± 0.000 χ^2/NDF : 1719046426.9/12

yield_bpm1X_rms vs slug



Right In: 0.076+/-0.000 χ^2/NDF : 464091.3/3

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

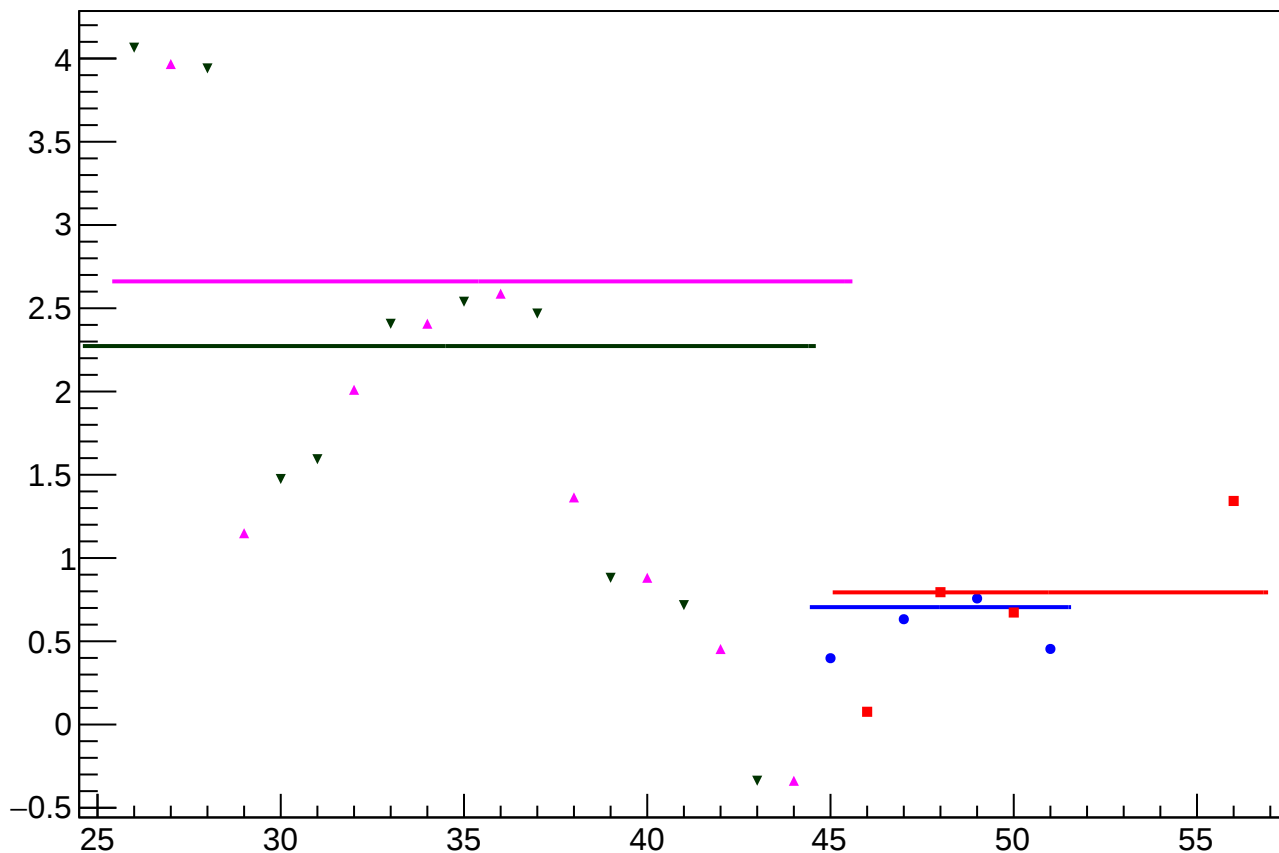
Right Out: 0.072+/-0.000 χ^2/NDF : 274643.4/3

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

0.092+/-0.000 χ^2/NDF : 1734528.9/13

0.087+/-0.000 χ^2/NDF : 1526487.5/12

yield_bpm1Y_mean vs slug



Right In: 0.705 ± 0.000 $\chi^2/\text{NDF}: 6340270.1/3$

Left Out: 2.273 ± 0.000 $\chi^2/\text{NDF}: 1459606873.3/9$

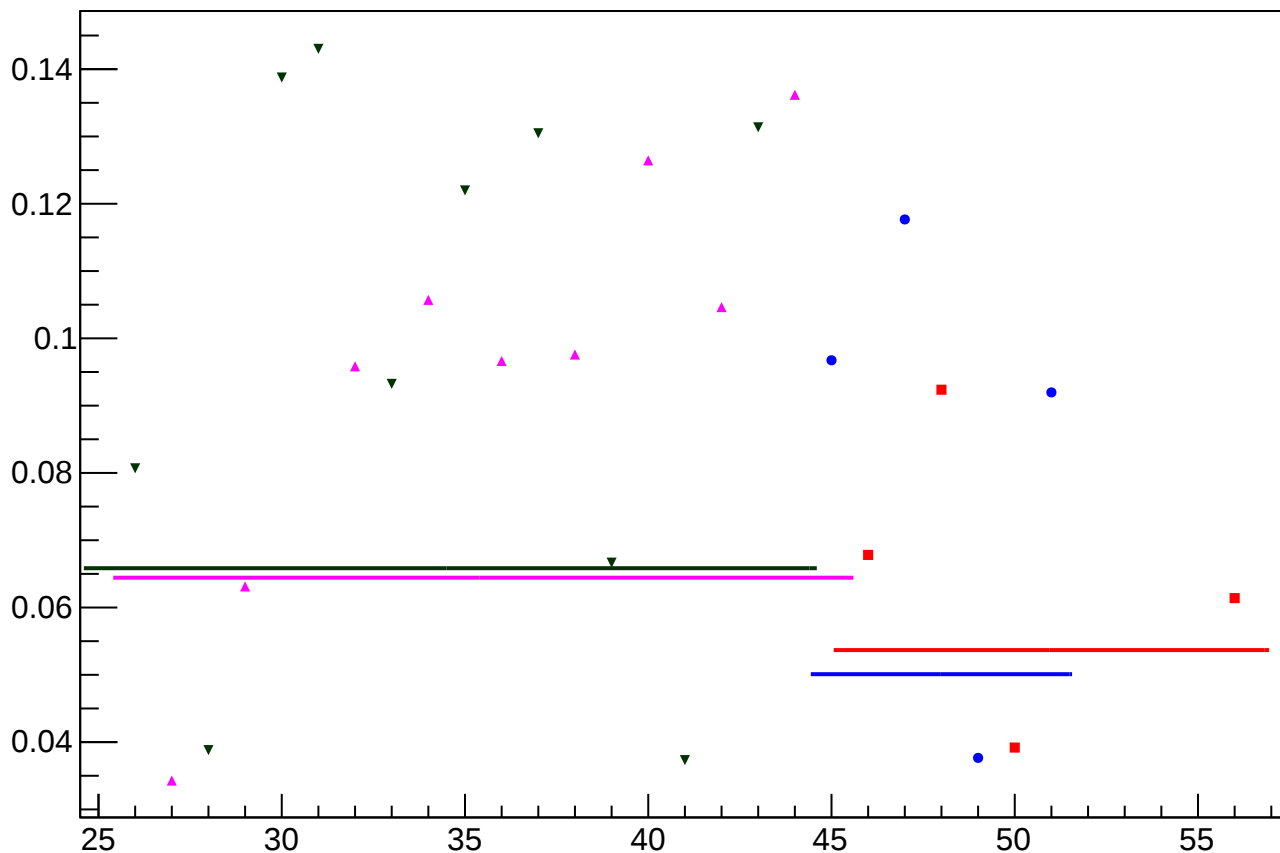
Right Out: 0.794 ± 0.000 $\chi^2/\text{NDF}: 61552268.7/3$

Left In: 2.661 ± 0.000 $\chi^2/\text{NDF}: 1577424597.4/8$

1.631 ± 0.000 $\chi^2/\text{NDF}: 2128071869.7/13$

2.026 ± 0.000 $\chi^2/\text{NDF}: 2603025036.0/12$

yield_bpm1Y_rms vs slug



Right In: 0.050+/-0.000 χ^2/NDF : 623070.4/3

Left Out: 0.066+/-0.000 χ^2/NDF : 1775612.2/9

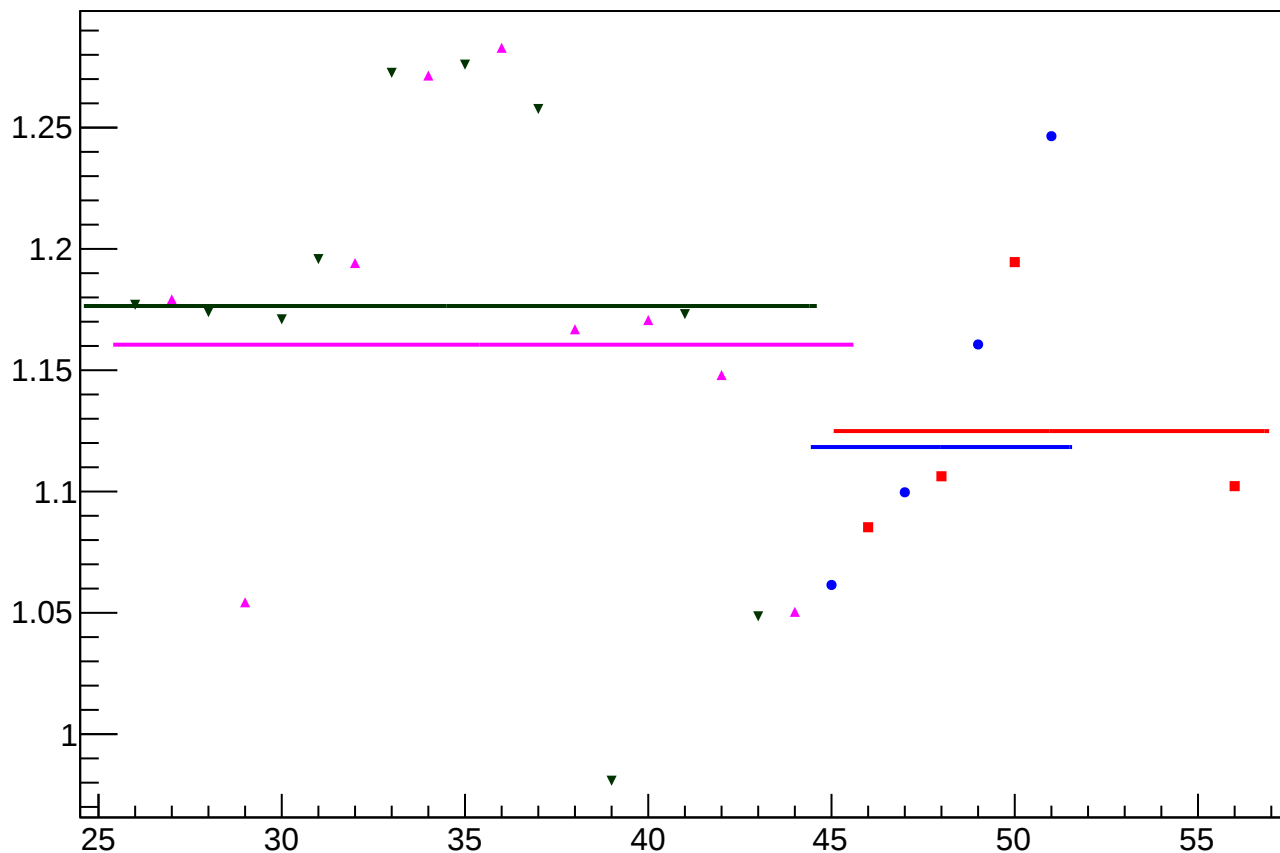
Right Out: 0.054+/-0.000 χ^2/NDF : 248774.8/3

Left In: 0.064+/-0.000 χ^2/NDF : 1803430.9/8

0.059+/-0.000 χ^2/NDF : 2532257.8/13

0.061+/-0.000 χ^2/NDF : 2116158.8/12

yield_bpm11X_mean vs slug



Right In: 1.118 $\pm$ 0.000 χ^2 /NDF: 7142820.4/3

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

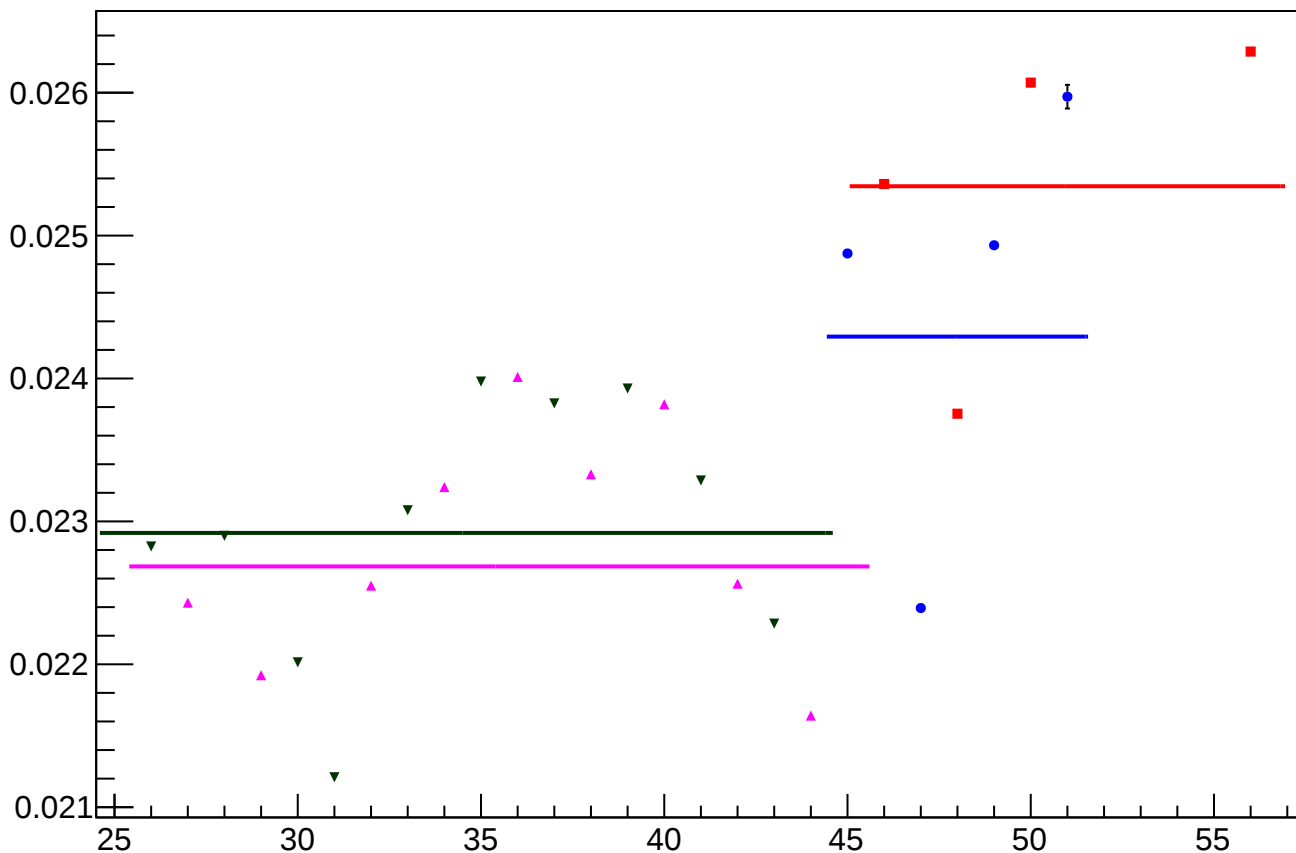
Right Out: 1.125 $\pm$ 0.000 χ^2 /NDF: 5176570.7/3

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

1.161 $\pm$ 0.000 χ^2 /NDF: 81451374.3/13

1.153 $\pm$ 0.000 χ^2 /NDF: 65967392.5/12

yield_bpm11X_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 8292.3/3

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

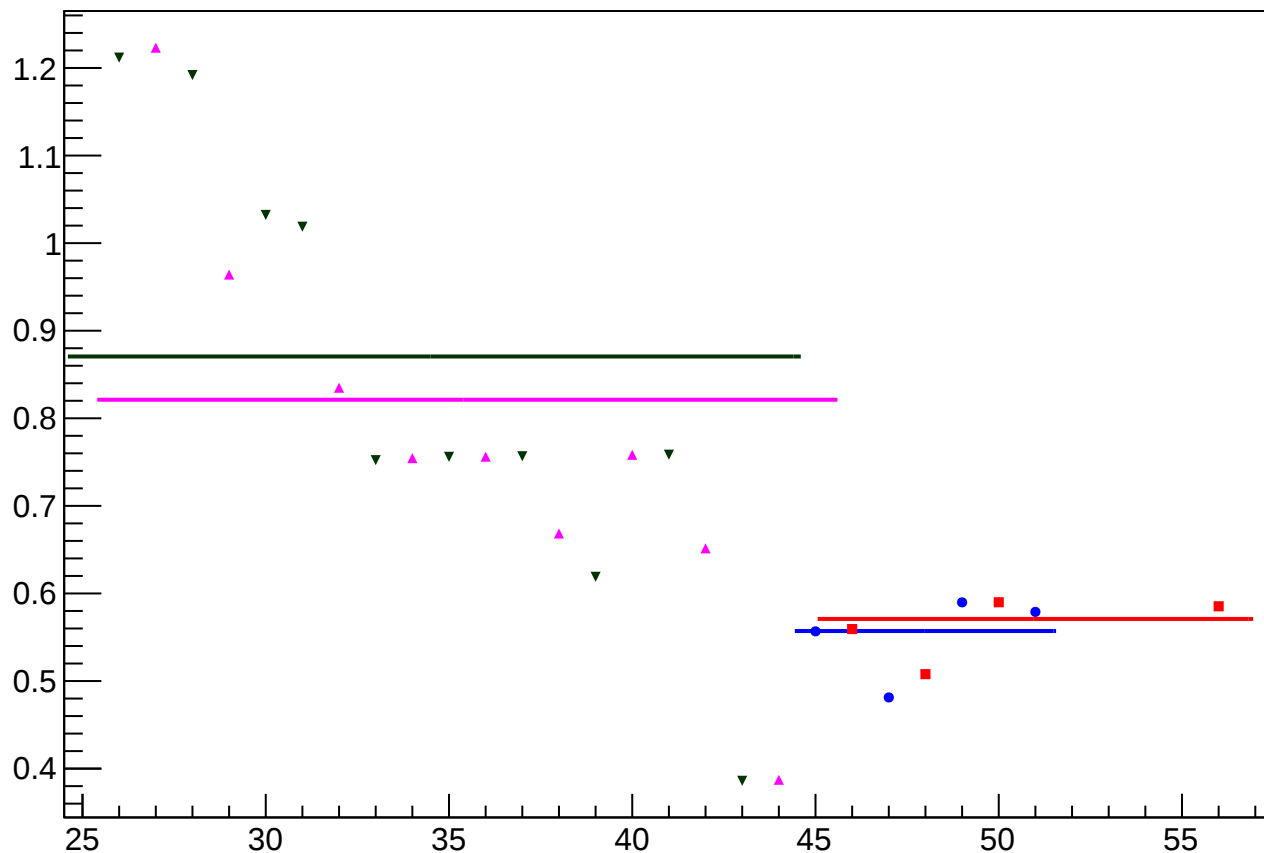
Right Out: 0.025+/-0.000 χ^2/NDF : 5793.3/3

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

0.023+/-0.000 χ^2/NDF : 30019.1/13

0.023+/-0.000 χ^2/NDF : 47762.9/12

yield_bpm11Y_mean vs slug



Right In: 0.557+/-0.000 χ^2/NDF : 173016516.9/3

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

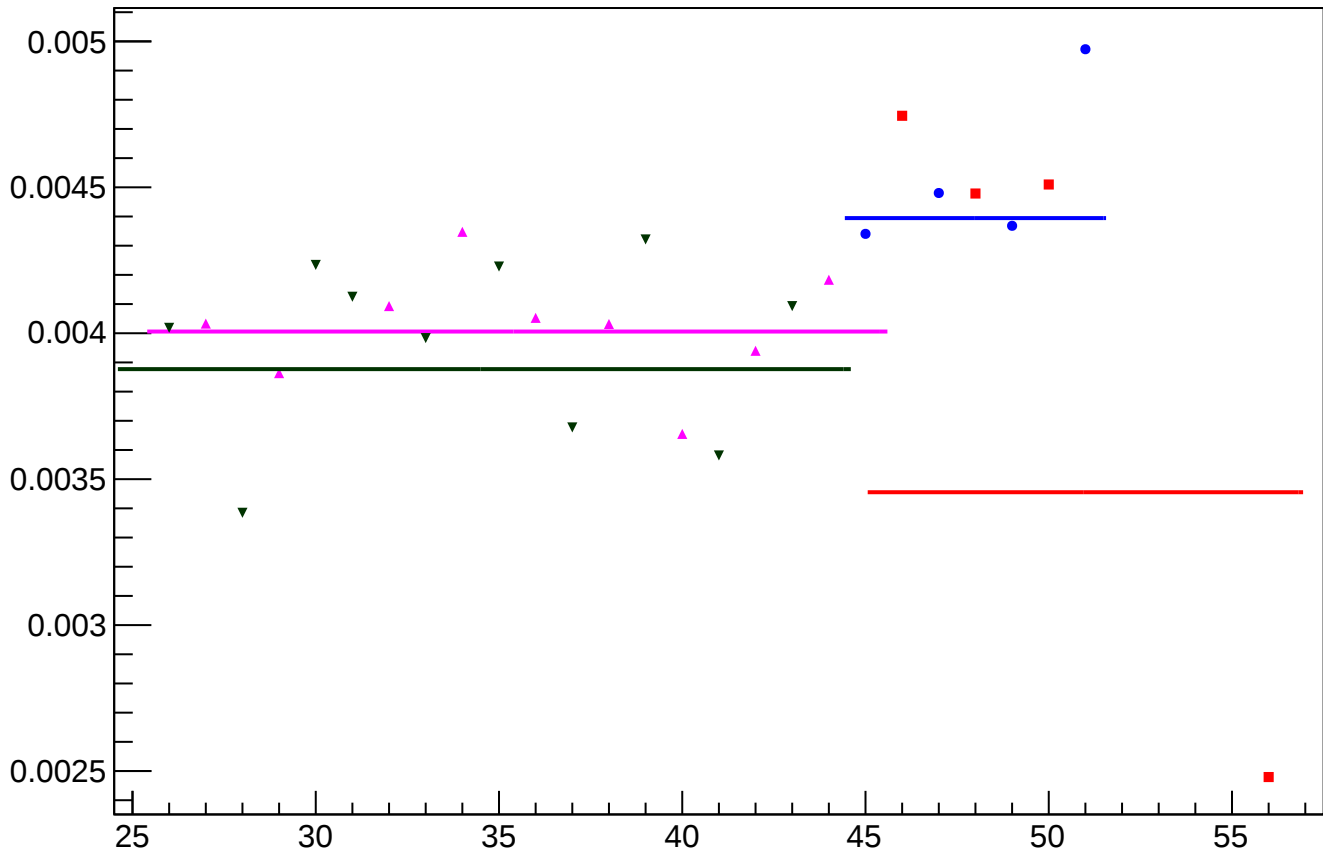
Right Out: 0.571+/-0.000 χ^2/NDF : 114067825.3/3

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

0.795+/-0.000 χ^2/NDF : 27549083051.9/13

0.748+/-0.000 χ^2/NDF : 23279940098.5/12

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 1939.1/3

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

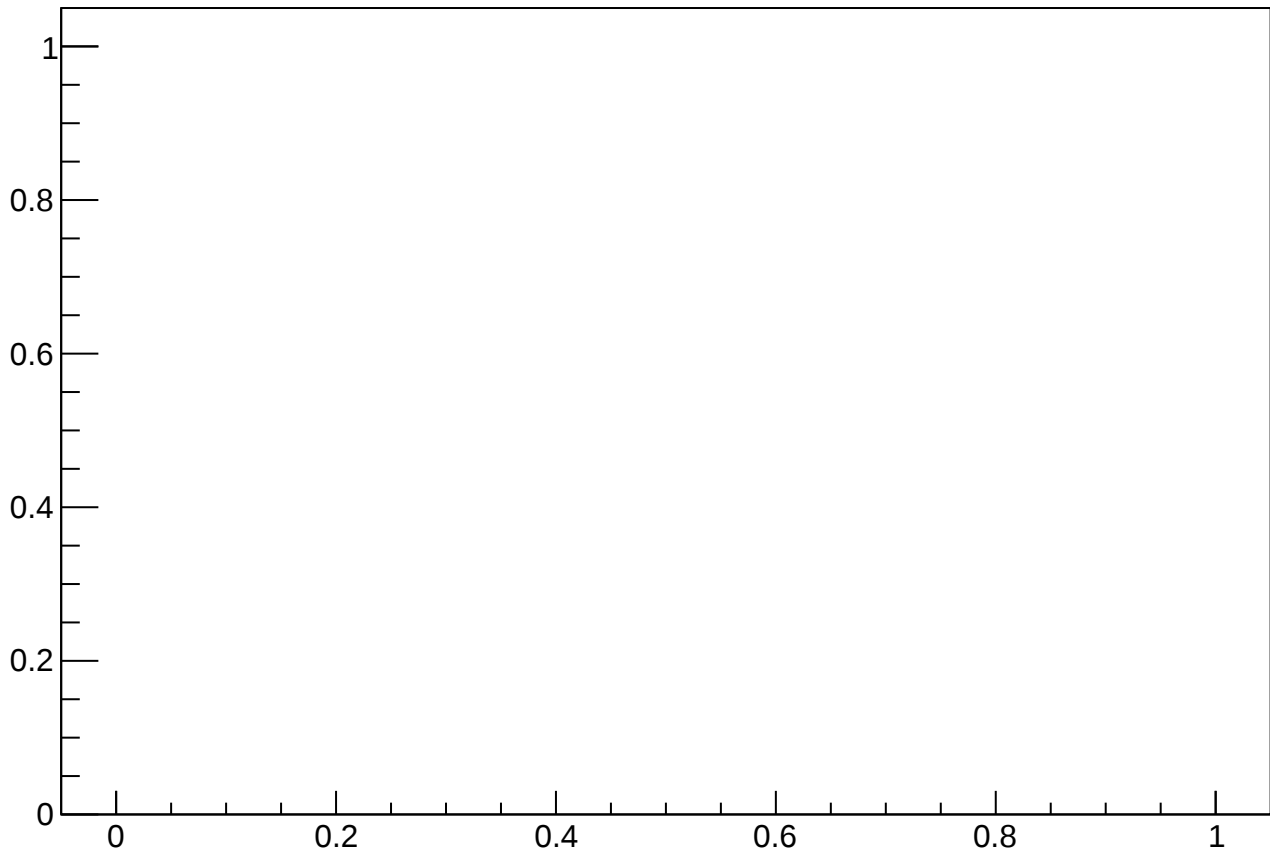
0.004+/-0.000 χ^2/NDF : 109031.5/13

Right Out: 0.003+/-0.000 χ^2/NDF : 305655.4/3

0.004+/-0.000 χ^2/NDF : 386405.7/12

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

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

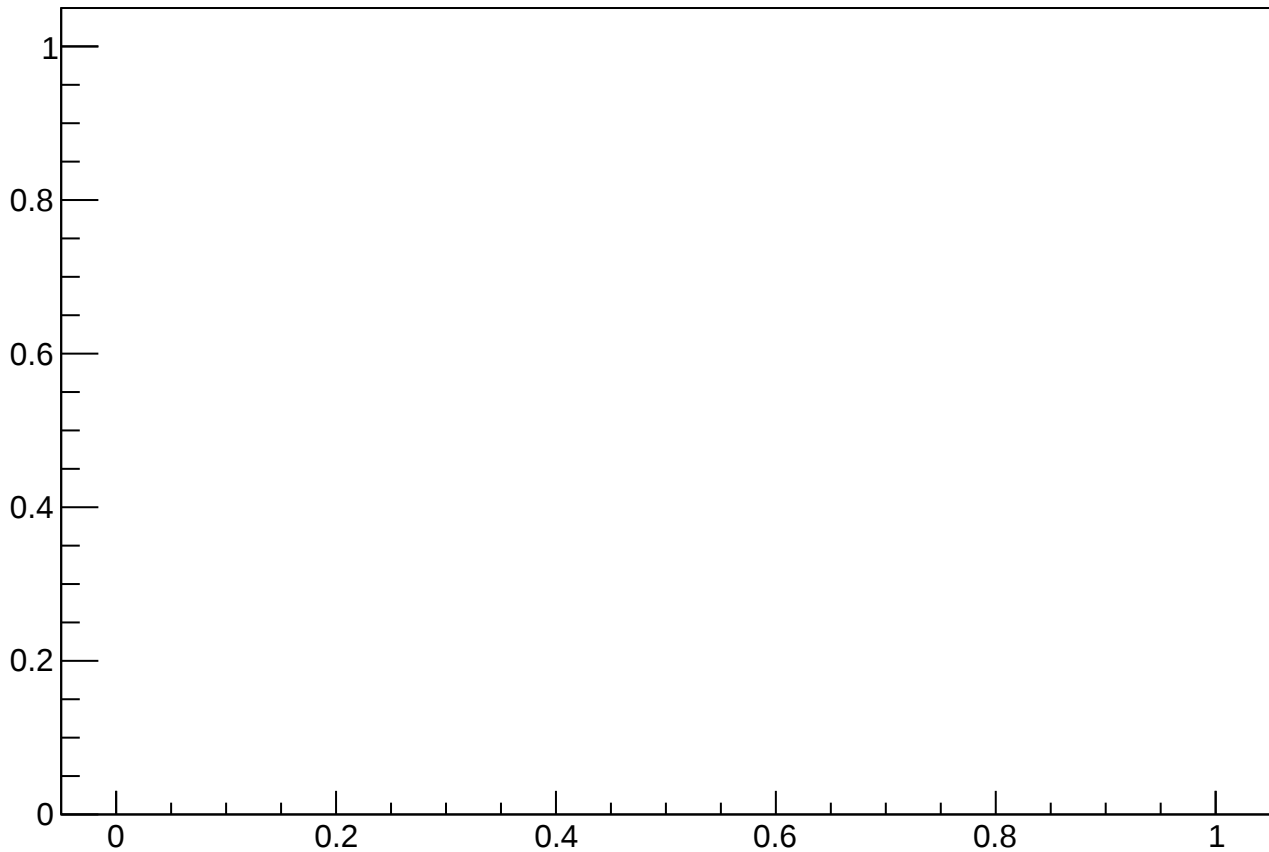
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

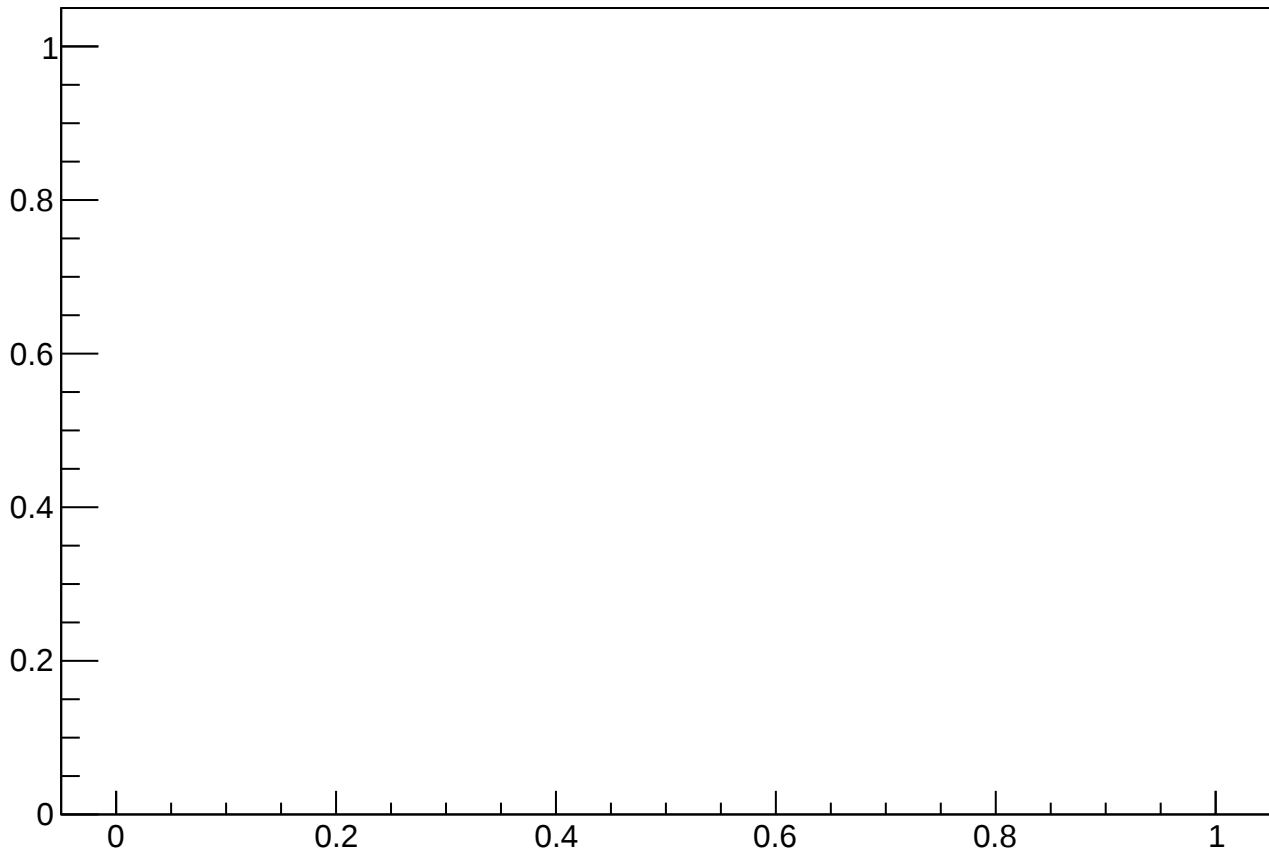
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

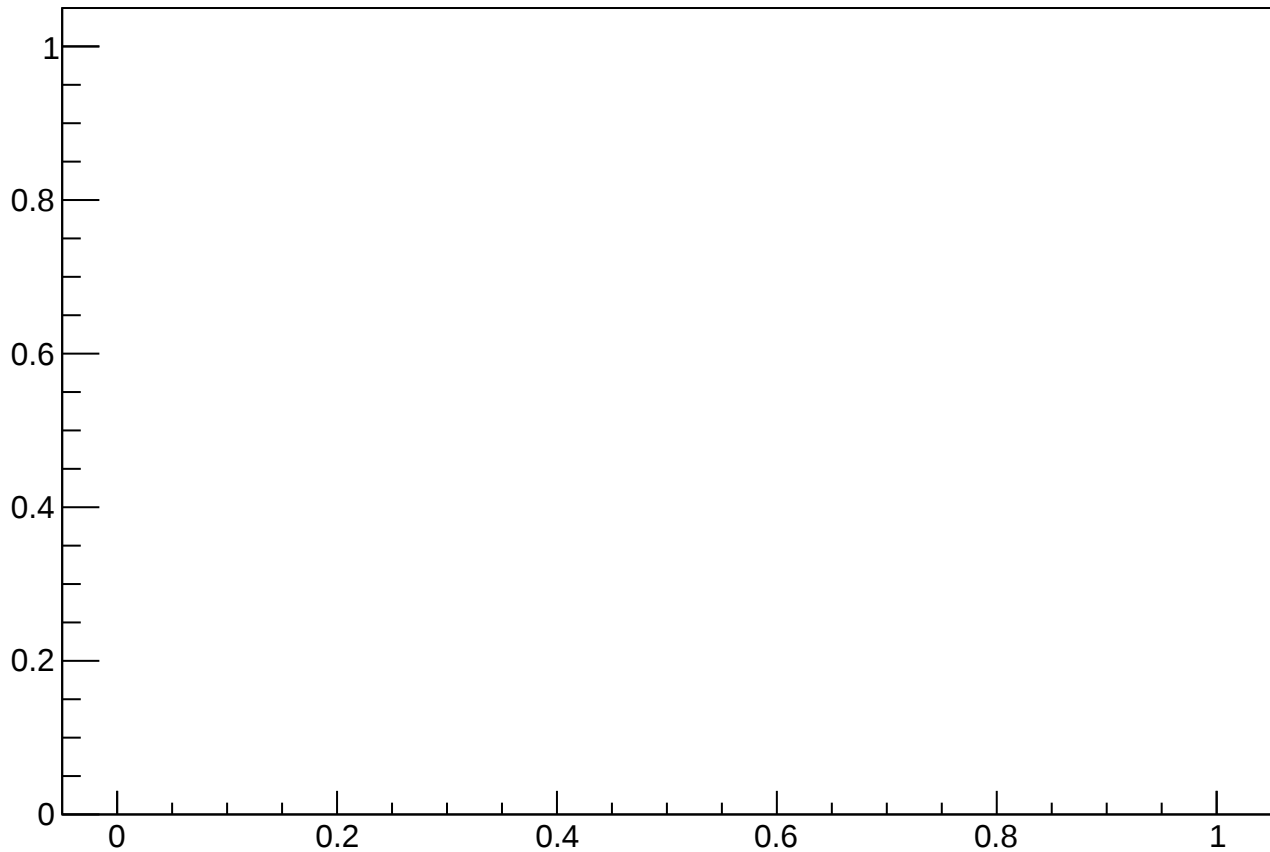
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

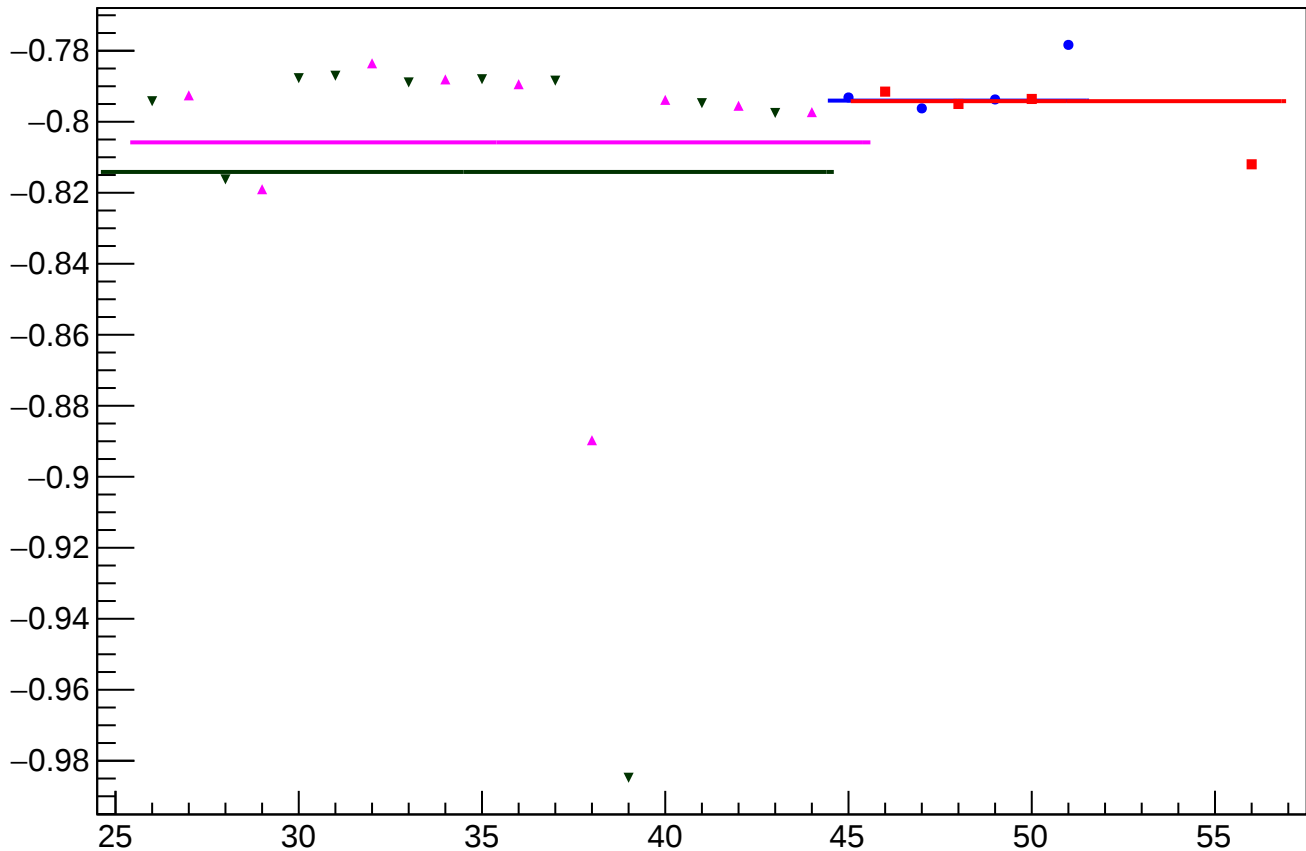
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.794 ± 0.000 χ^2/NDF : 117582.6/3

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

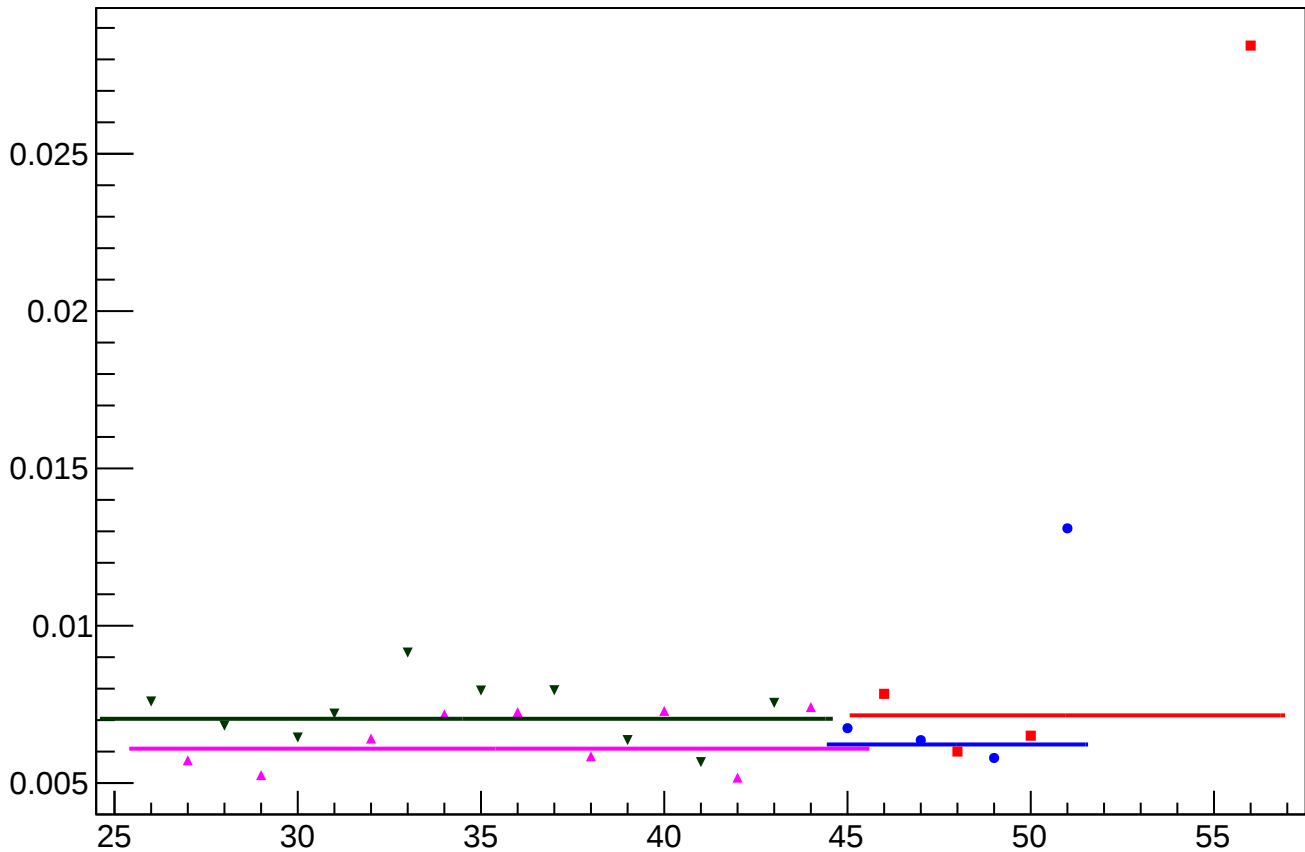
-0.808 ± 0.000 χ^2/NDF : 266401302.1/13

Right Out: -0.794 ± 0.000 χ^2/NDF : 226485.5/3

-0.804 ± 0.000 χ^2/NDF : 98140658.9/12

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

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 38110.4/3

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

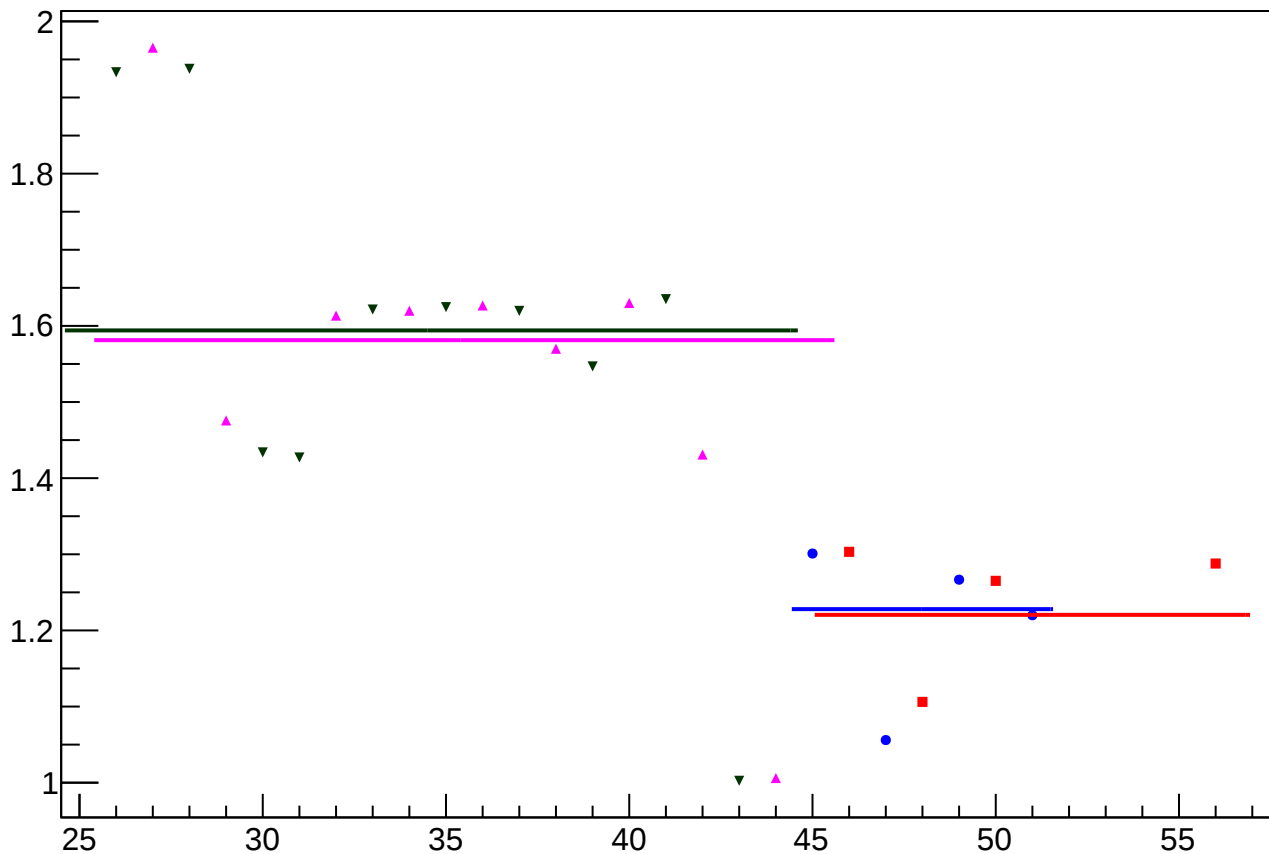
0.007+/-0.000 χ^2/NDF : 205507.7/13

Right Out: 0.007+/-0.000 χ^2/NDF : 563568.4/3

0.006+/-0.000 χ^2/NDF : 747807.4/12

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

yield_bpm12Y_mean vs slug



Right In: 1.228+/-0.000 χ^2/NDF : 378658542.2/3

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

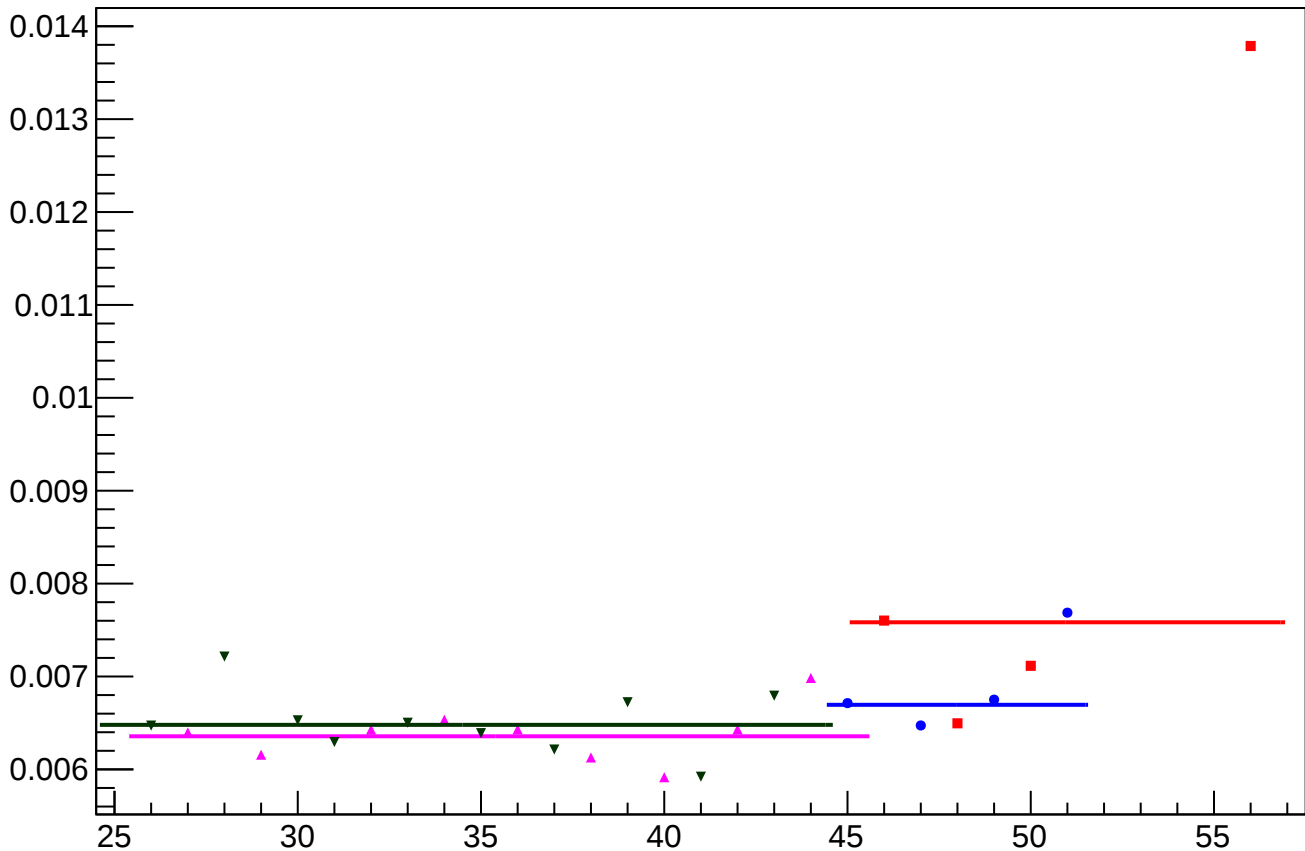
Right Out: 1.220+/-0.000 χ^2/NDF : 202718991.5/3

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

1.495+/-0.000 χ^2/NDF : 11161605020.1/13

1.515+/-0.000 χ^2/NDF : 9991355349.5/12

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2751.0/3

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

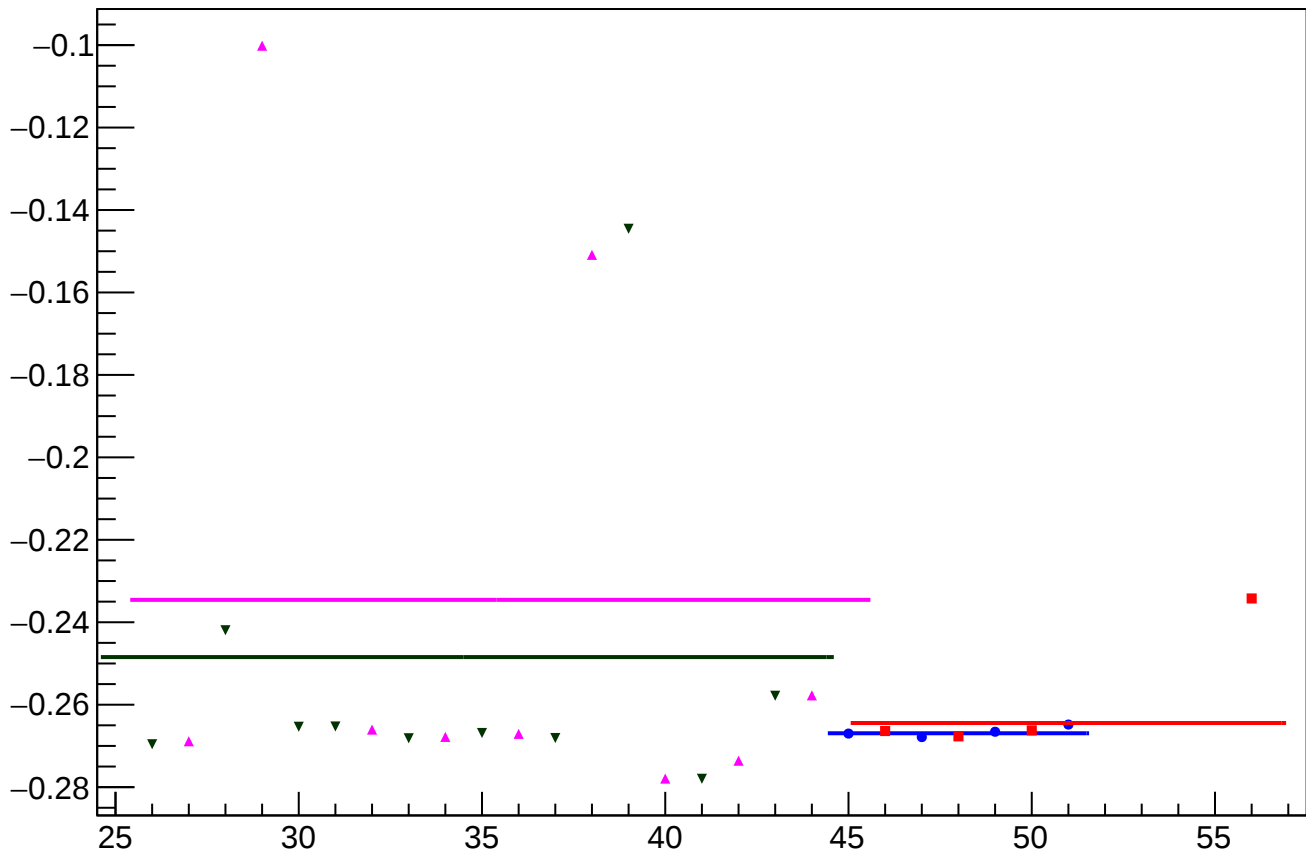
0.007+/-0.000 χ^2/NDF : 33393.9/13

Right Out: 0.008+/-0.000 χ^2/NDF : 216947.3/3

0.007+/-0.000 χ^2/NDF : 304088.7/12

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

yield_bpm16X_mean vs slug



Right In: -0.267+/-0.000 χ^2/NDF : 34502.1/3

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

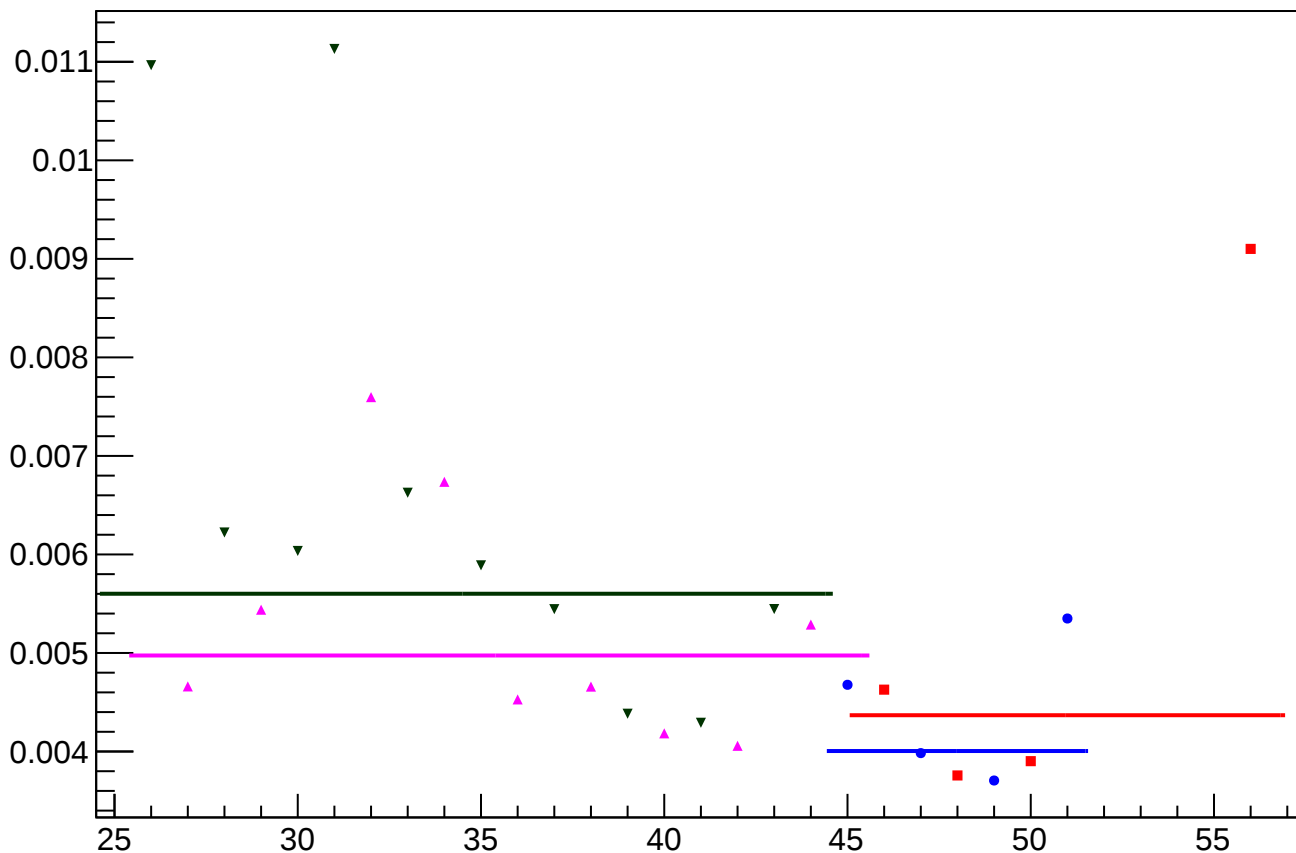
Right Out: -0.264+/-0.000 χ^2/NDF : 5650918.9/3

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

-0.256+/-0.000 χ^2/NDF : 279950015.6/13

-0.243+/-0.000 χ^2/NDF : 842553958.1/12

yield_bpm16X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 36487.3/3

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

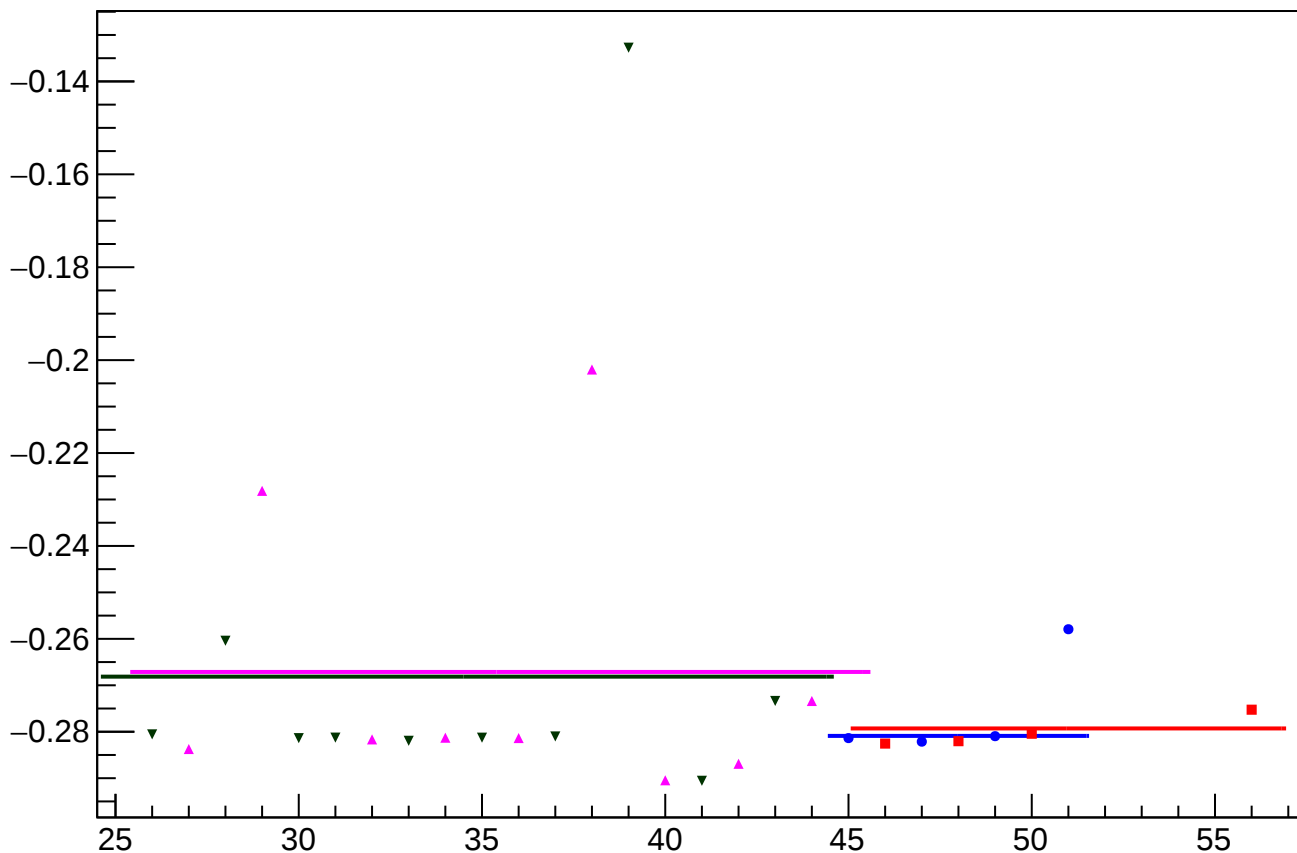
Right Out: 0.004+/-0.000 χ^2/NDF : 291404.6/3

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

0.005+/-0.000 χ^2/NDF : 944415.3/13

0.005+/-0.000 χ^2/NDF : 695871.8/12

yield_bpm16Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 2185971.1/3

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

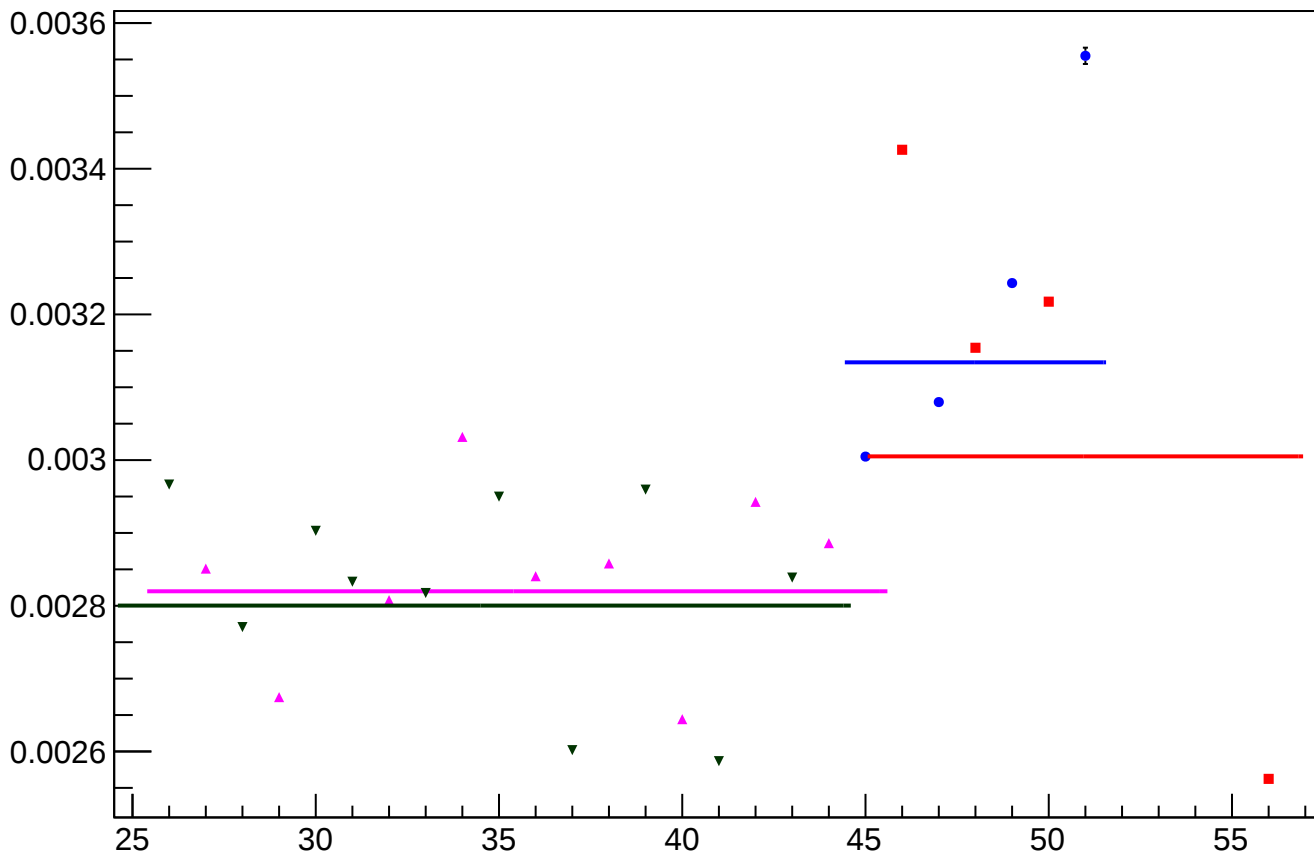
Right Out: -0.279+/-0.000 χ^2/NDF : 1915230.6/3

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

-0.271+/-0.000 χ^2/NDF : 987512404.5/13

-0.270+/-0.000 χ^2/NDF : 578853881.6/12

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 5964.2/3

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

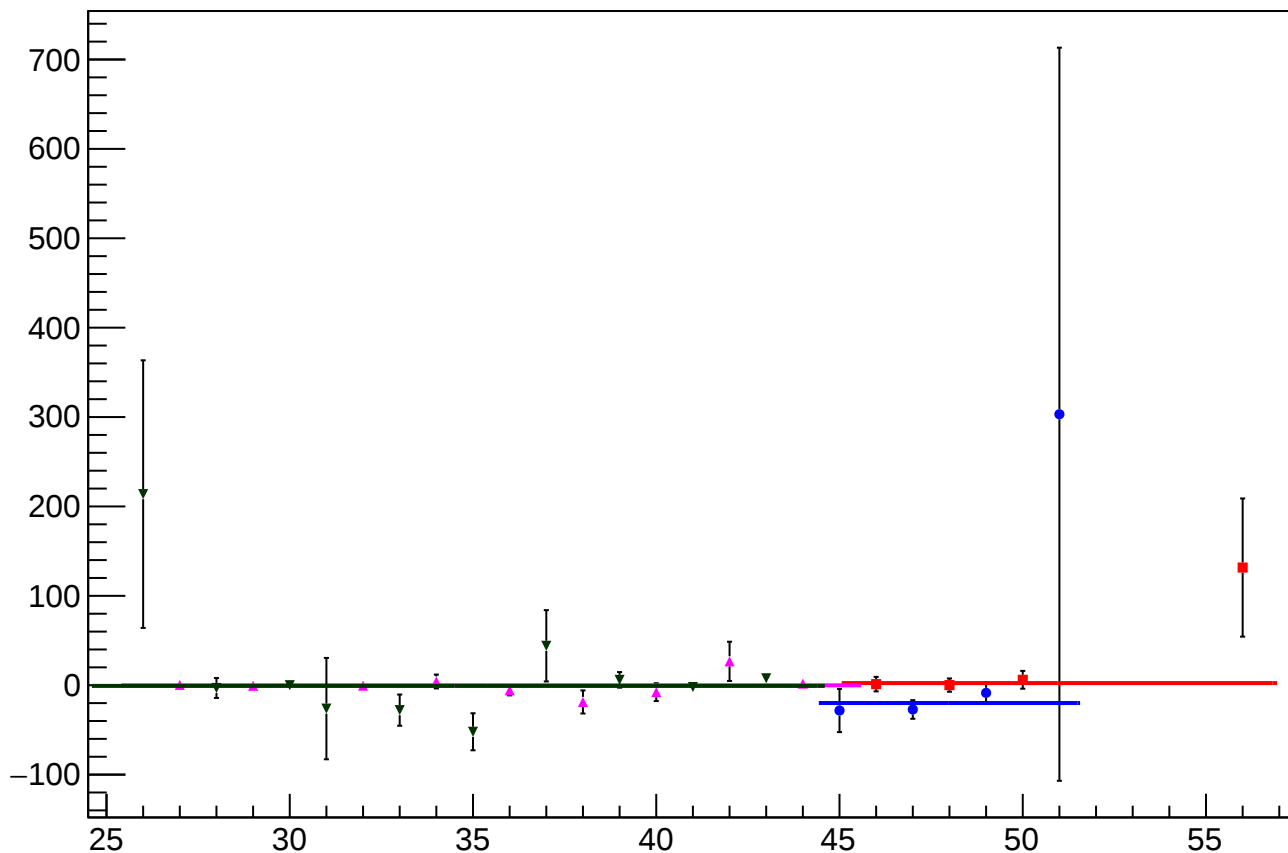
Right Out: 0.003+/-0.000 χ^2/NDF : 46477.4/3

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

0.003+/-0.000 χ^2/NDF : 63772.8/13

0.003+/-0.000 χ^2/NDF : 73503.8/12

diff_cav4bX_mean vs slug



Right In: -19.893+/-7.471 χ^2/NDF : 2.1/3

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

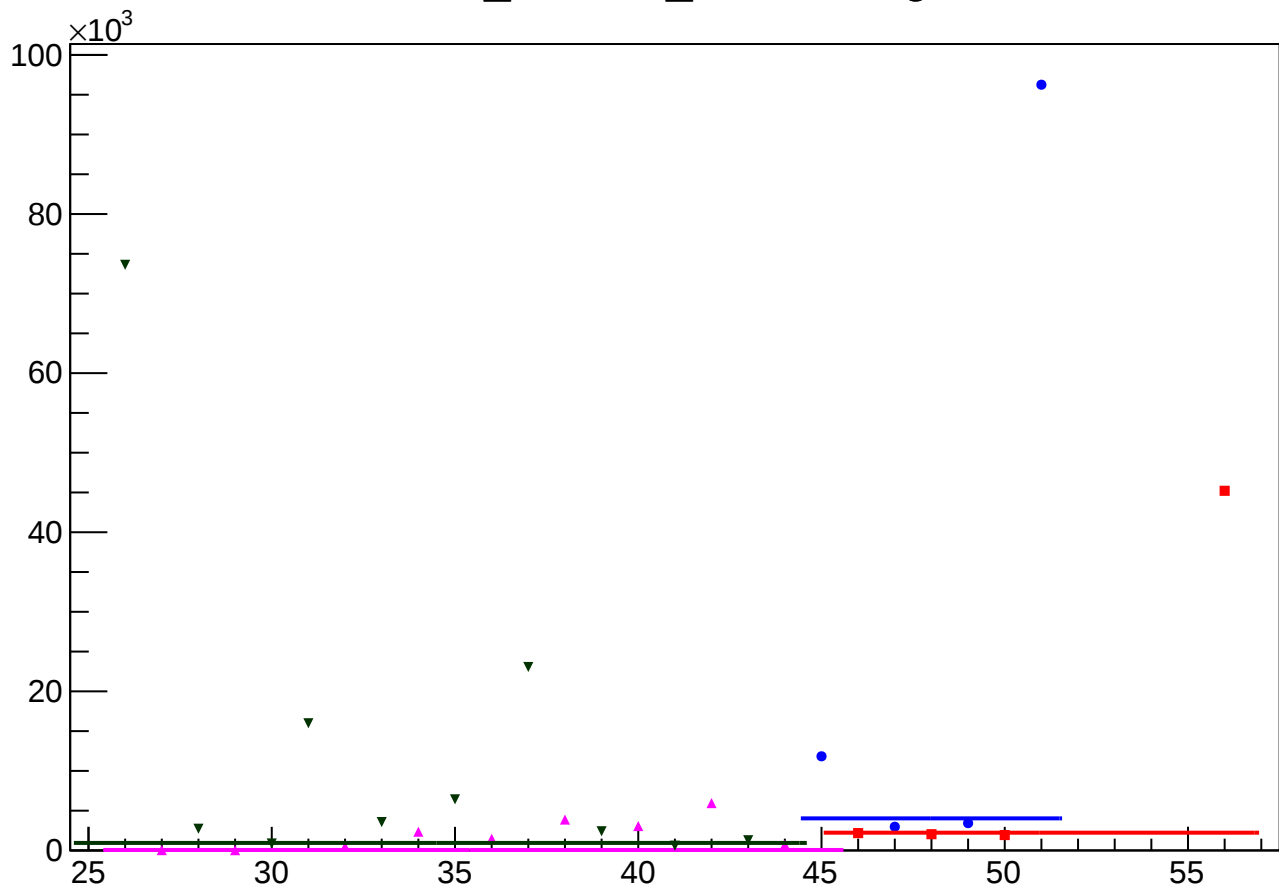
Right Out: 2.420+/-4.799 χ^2/NDF : 3.0/3

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

-1.552+/-1.524 χ^2/NDF : 24.3/13

-0.083+/-0.168 χ^2/NDF : 18.8/12

diff_cav4bX_rms vs slug



Right In: 4032.612 $\pm$ 5.282 χ^2/NDF : 334584.4/3

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

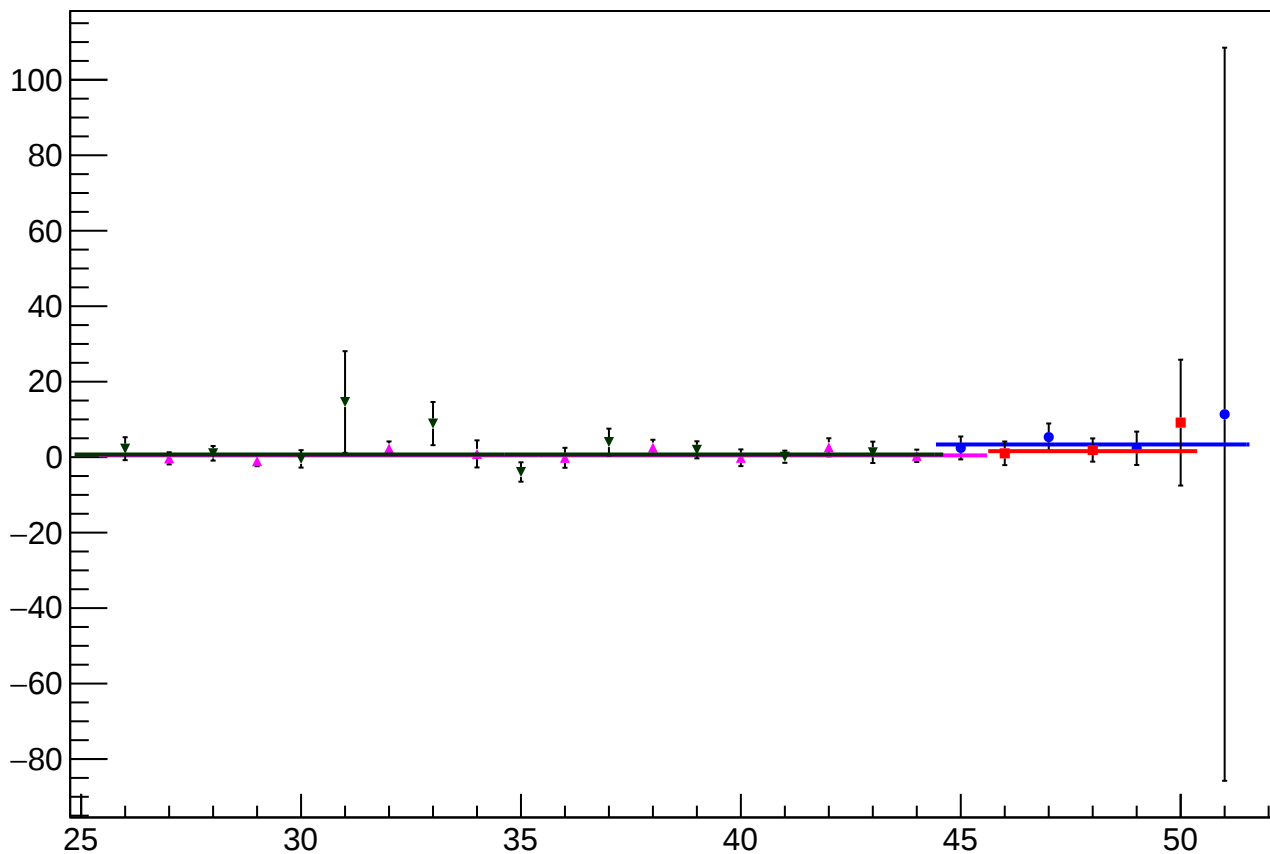
Right Out: 2232.799 $\pm$ 3.393 χ^2/NDF : 621417.9/3

Left In: 61.511 $\pm$ 0.119 χ^2/NDF : 1573172.2/8

1075.246 $\pm$ 1.078 χ^2/NDF : 2247447.7/13

64.175 $\pm$ 0.119 χ^2/NDF : 2603523.4/12

diff_cav4bY_mean vs slug



Right In: 3.363 ± 2.053 χ^2/NDF : 0.4/3

Left Out: 0.707 ± 0.808 χ^2/NDF : 8.2/9

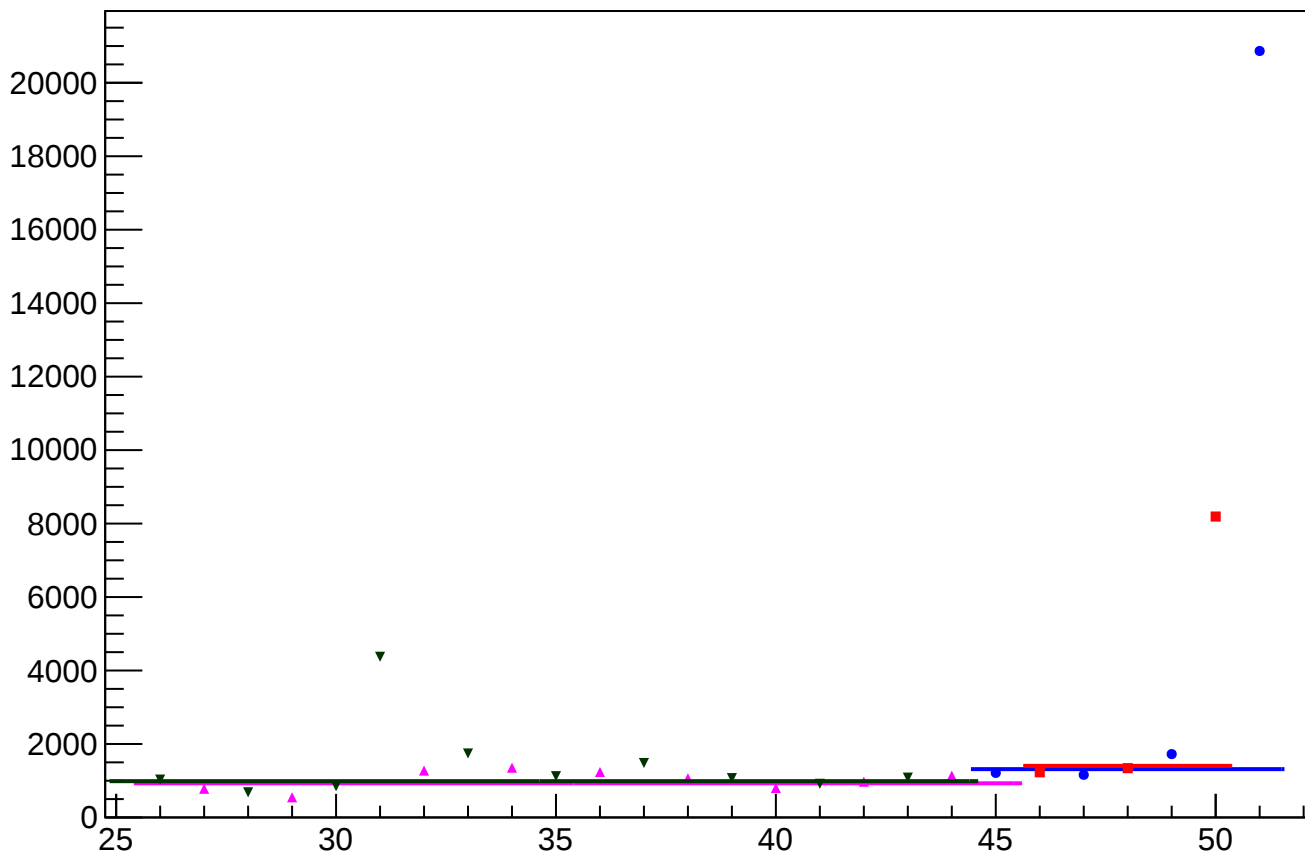
Right Out: 1.589 ± 2.176 χ^2/NDF : 0.2/2

Left In: 0.468 ± 0.642 χ^2/NDF : 4.4/8

1.062 ± 0.752 χ^2/NDF : 10.1/13

0.558 ± 0.616 χ^2/NDF : 4.9/11

diff_cav4bY_rms vs slug



Right In: 1315.143+/-1.452 χ^2/NDF : 104123.1/3

Left Out: 987.900+/-0.571 χ^2/NDF : 270892.3/9

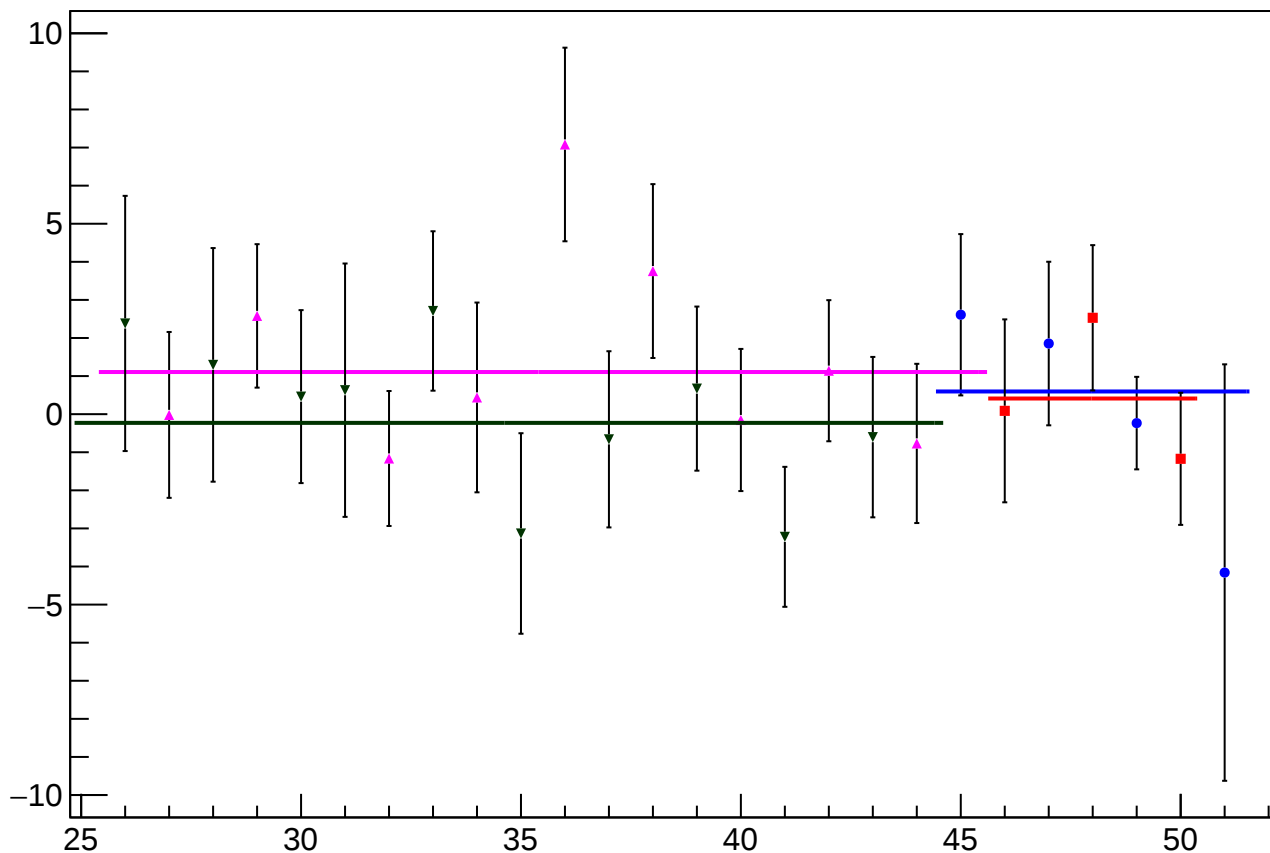
1031.731+/-0.531 χ^2/NDF : 419006.9/13

Right Out: 1404.288+/-1.539 χ^2/NDF : 338476.3/2

968.028+/-0.435 χ^2/NDF : 774727.8/11

Left In: 930.059+/-0.454 χ^2/NDF : 348877.4/8

diff_cav4cX_mean vs slug



Right In: 0.596 ± 0.932 χ^2/NDF : 2.5/3

Left Out: -0.229 ± 0.750 χ^2/NDF : 7.1/9

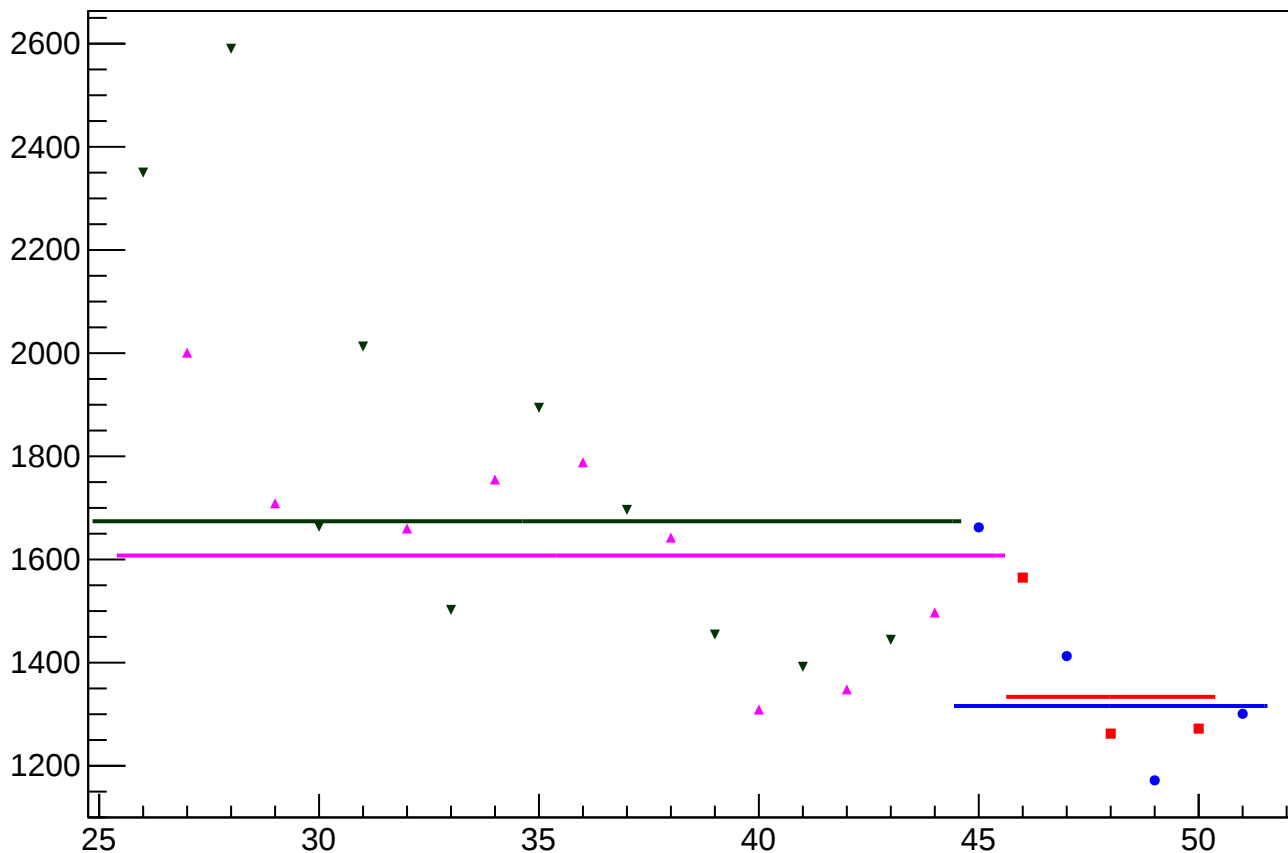
Right Out: 0.411 ± 1.132 χ^2/NDF : 2.1/2

Left In: 1.107 ± 0.686 χ^2/NDF : 10.7/8

0.096 ± 0.584 χ^2/NDF : 10.0/13

0.920 ± 0.587 χ^2/NDF : 13.1/11

diff_cav4cX_rms vs slug



Right In: 1315.947+/-0.659 χ^2/NDF : 85733.9/3

Left Out: 1674.116+/-0.531 χ^2/NDF : 399958.8/9

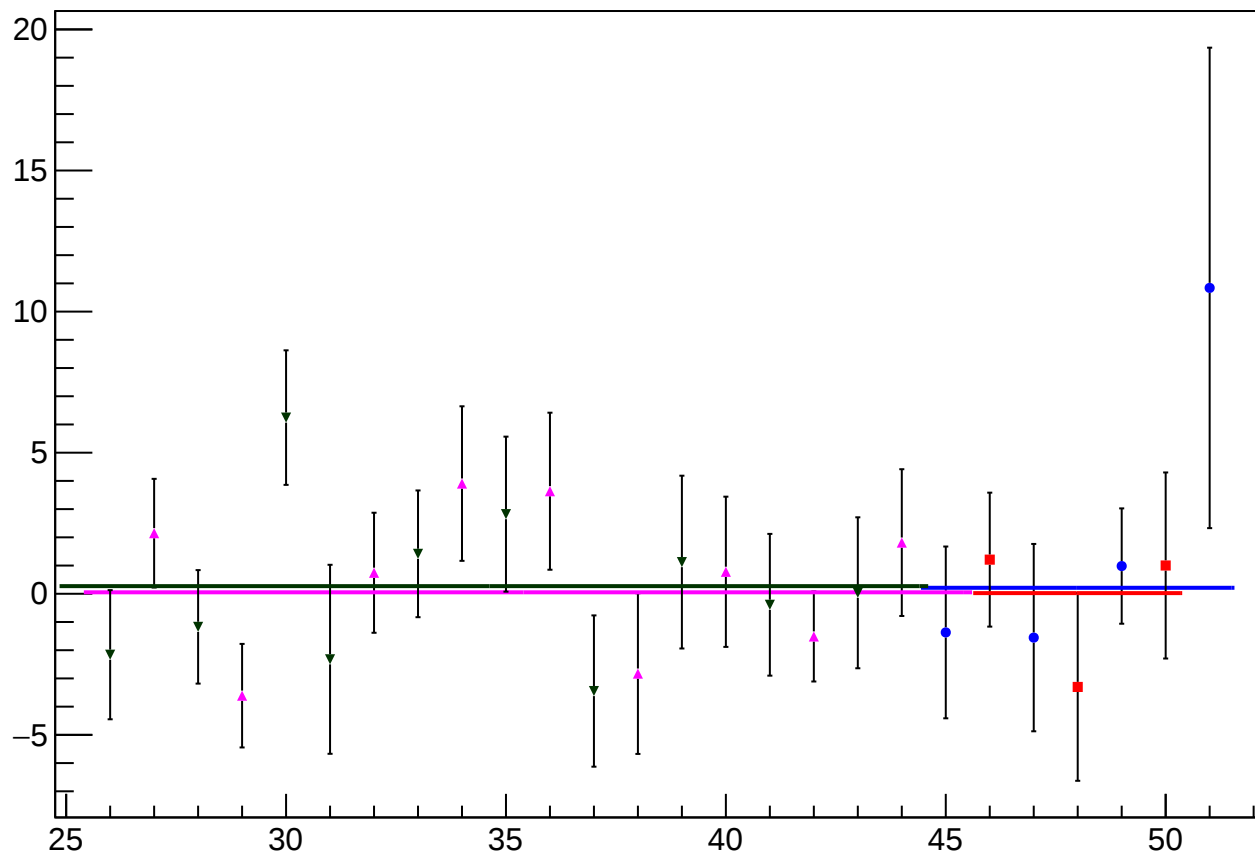
Right Out: 1333.735+/-0.800 χ^2/NDF : 23839.2/2

Left In: 1607.717+/-0.485 χ^2/NDF : 186348.1/8

1533.268+/-0.413 χ^2/NDF : 664913.8/13

1534.168+/-0.415 χ^2/NDF : 295889.5/11

diff_cav4cY_mean vs slug



Right In: 0.212 ± 1.488 χ^2/NDF : 2.3/3

Left Out: 0.271 ± 0.796 χ^2/NDF : 11.7/9

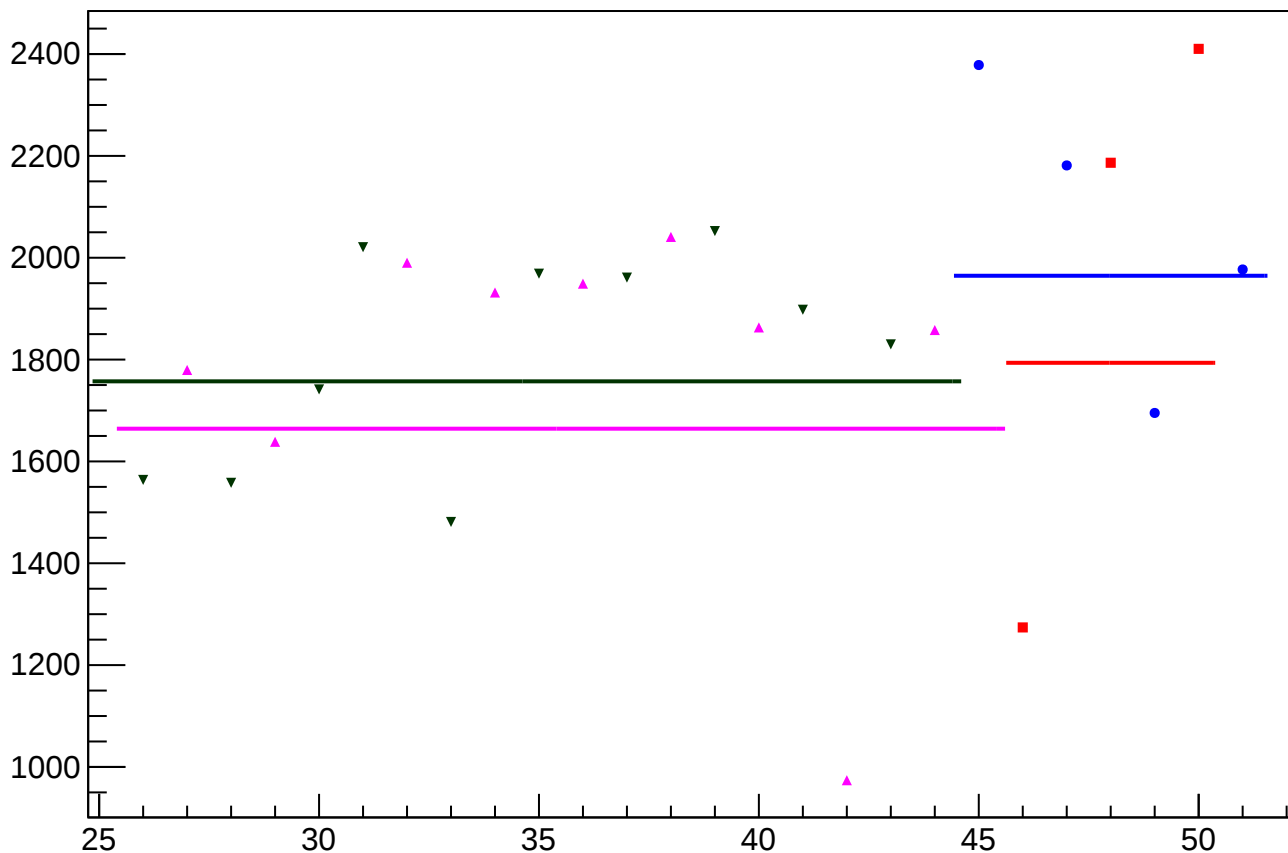
Right Out: 0.023 ± 1.667 χ^2/NDF : 1.3/2

Left In: 0.052 ± 0.734 χ^2/NDF : 11.4/8

0.258 ± 0.702 χ^2/NDF : 14.0/13

0.047 ± 0.672 χ^2/NDF : 12.8/11

diff_cav4cY_rms vs slug



Right In: 1964.618+/-1.052 χ^2/NDF : 80248.1/3

Left Out: 1757.264+/-0.563 χ^2/NDF :126368.6/9

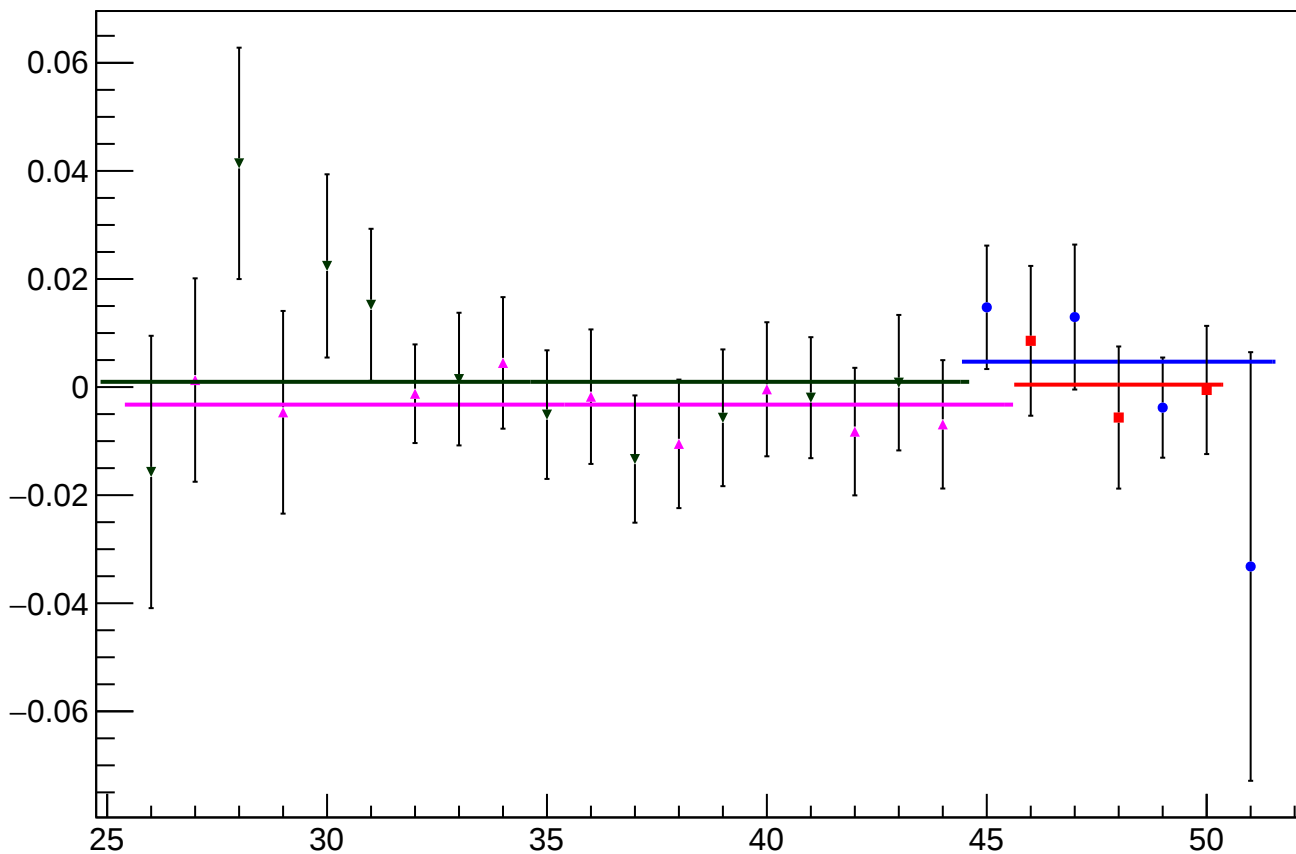
Right Out: 1793.678+/-1.179 χ^2/NDF : 193712.6/2

Left In: 1664.275+/-0.519 χ^2/NDF :526260.0/8

1803.421+/-0.496 χ^2/NDF : 236824.1/13

1685.296+/-0.475 χ^2/NDF : 730066.8/11

diff_cav4dX_mean vs slug



Right In: 0.005 $\pm$ 0.006 χ^2 /NDF: 2.9/3

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.7/9

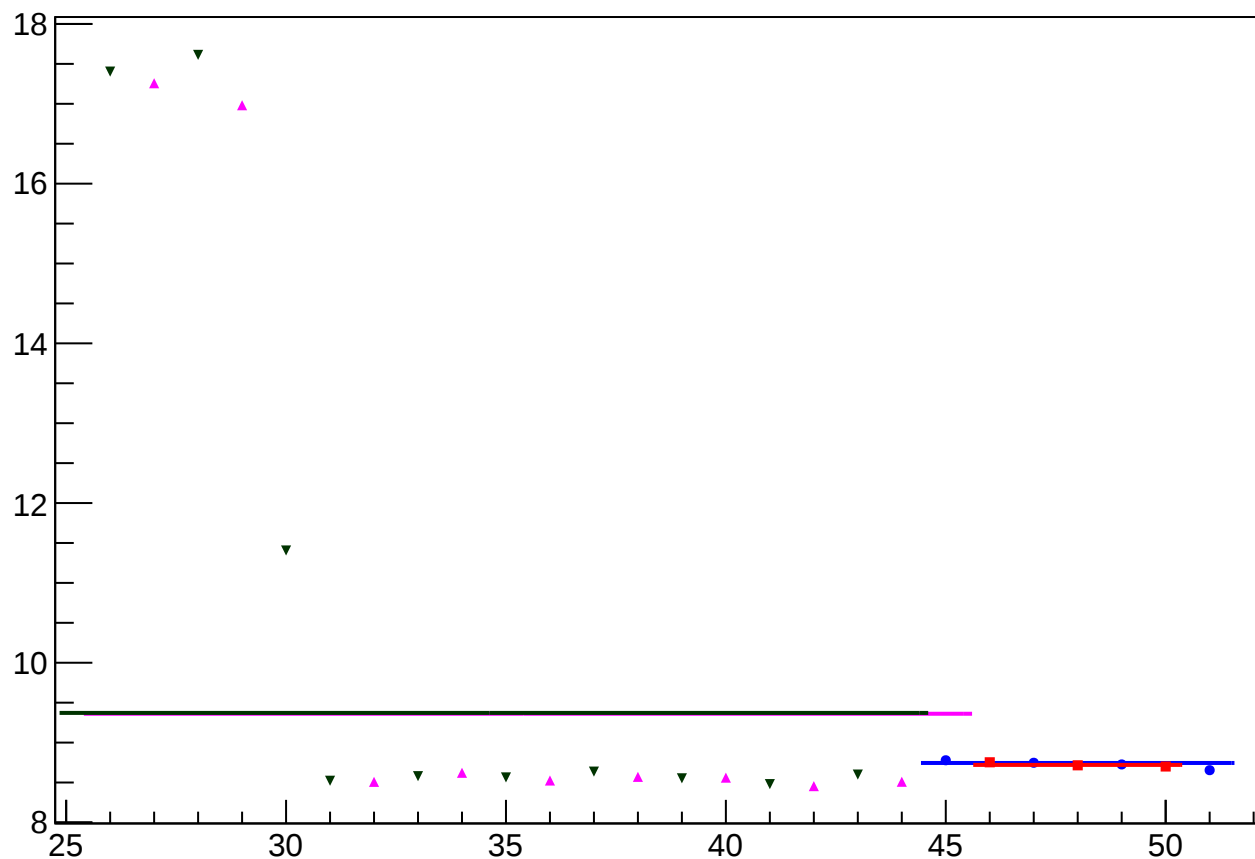
Right Out: 0.000 $\pm$ 0.007 χ^2 /NDF: 0.6/2

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.002 $\pm$ 0.004 χ^2 /NDF: 11.9/13

-0.002 $\pm$ 0.004 χ^2 /NDF: 2.0/11

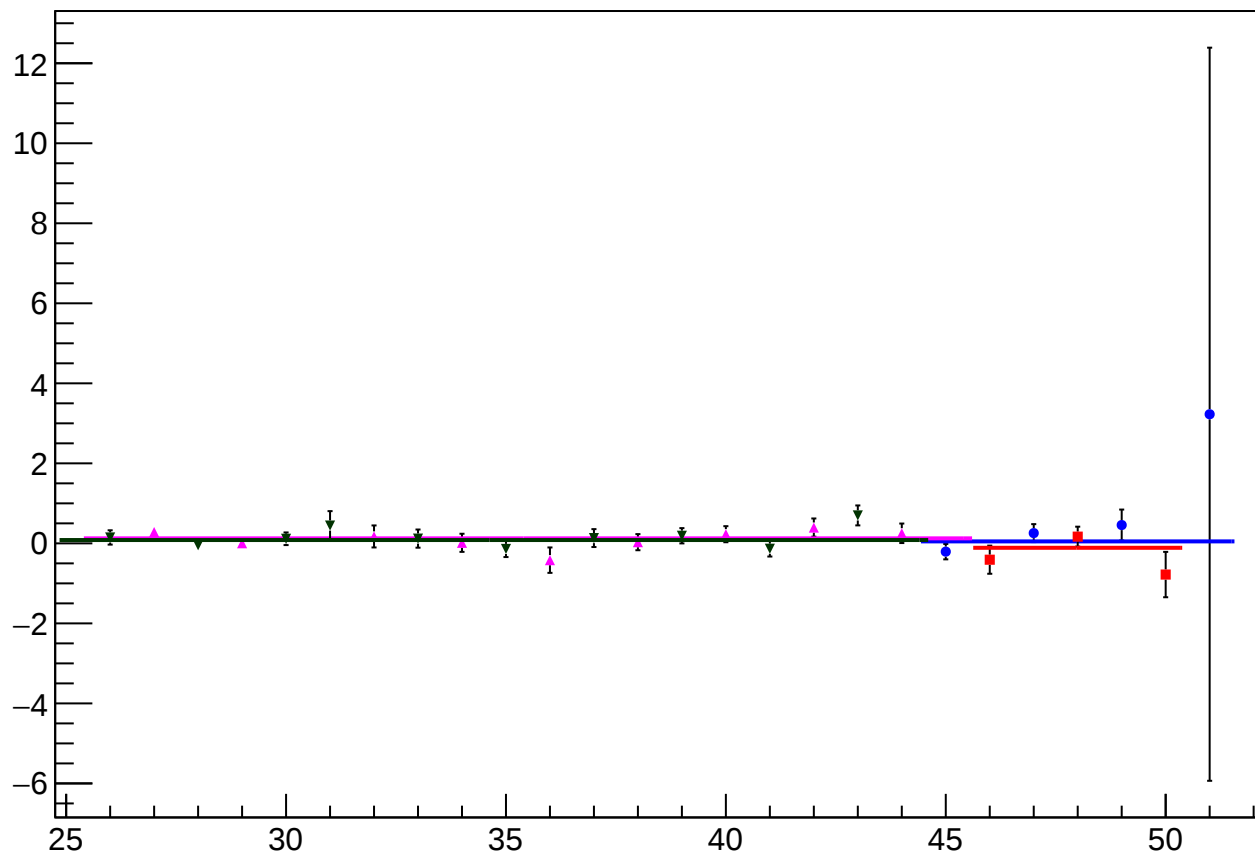
diff_cav4dX_rms vs slug



Right In: 8.745 ± 0.004 χ^2/NDF : 35.8/3
 Left Out: 9.372 ± 0.003 χ^2/NDF : 589618.0/9
 Right Out: 8.720 ± 0.005 χ^2/NDF : 17.2/2
 Left In: 9.361 ± 0.003 χ^2/NDF : 755360.8/8

9.170 ± 0.003 χ^2/NDF : 603249.9/13
 9.210 ± 0.003 χ^2/NDF : 766734.5/11

diff_cav4dY_mean vs slug



Right In: 0.049 ± 0.137 χ^2/NDF : 3.9/3

Left Out: 0.083 ± 0.059 χ^2/NDF : 11.3/9

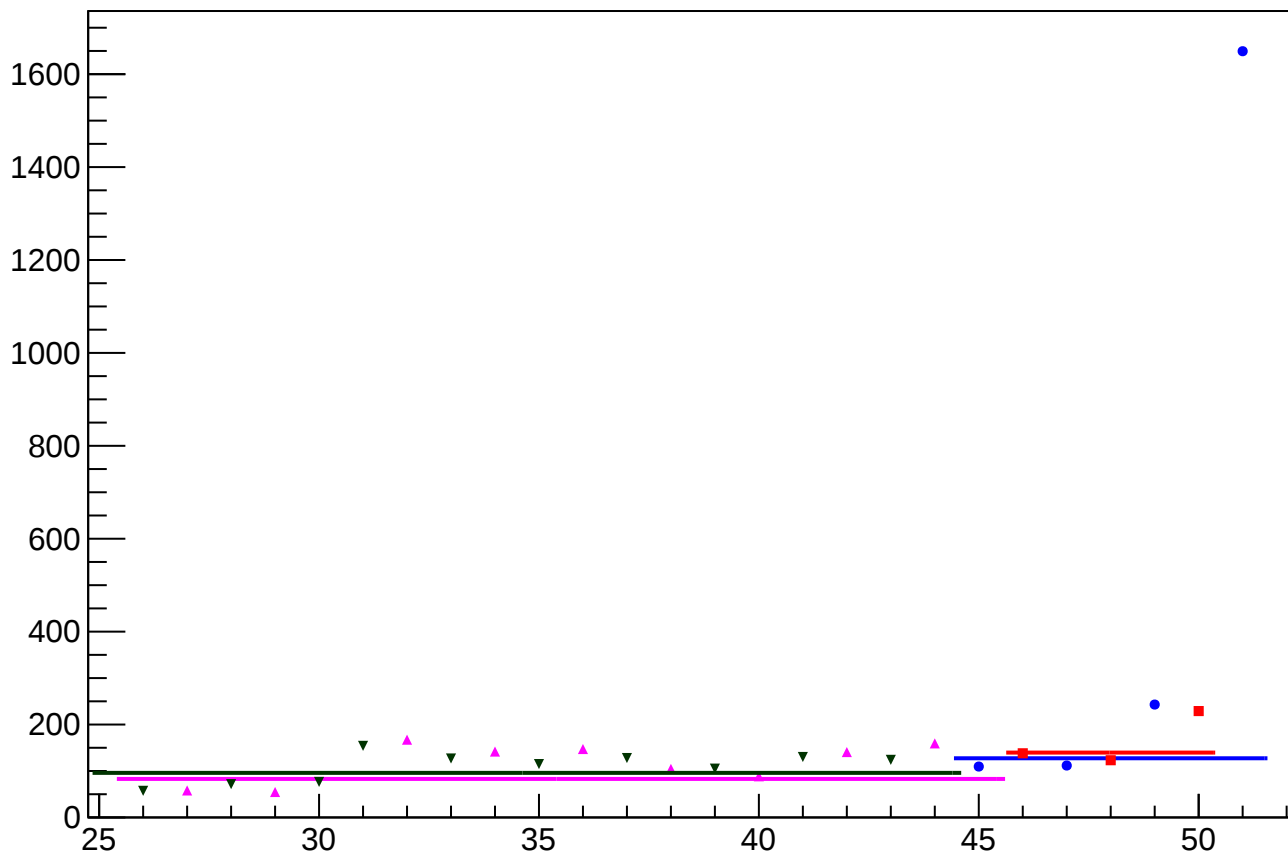
Right Out: -0.111 ± 0.191 χ^2/NDF : 3.4/2

Left In: 0.125 ± 0.053 χ^2/NDF : 9.7/8

0.078 ± 0.054 χ^2/NDF : 15.3/13

0.108 ± 0.051 χ^2/NDF : 14.5/11

diff_cav4dY_rms vs slug



Right In: 127.397 $\pm$ 0.097 χ^2 /NDF: 260686.3/3

Left Out: 95.985 $\pm$ 0.042 χ^2 /NDF: 447225.2/9

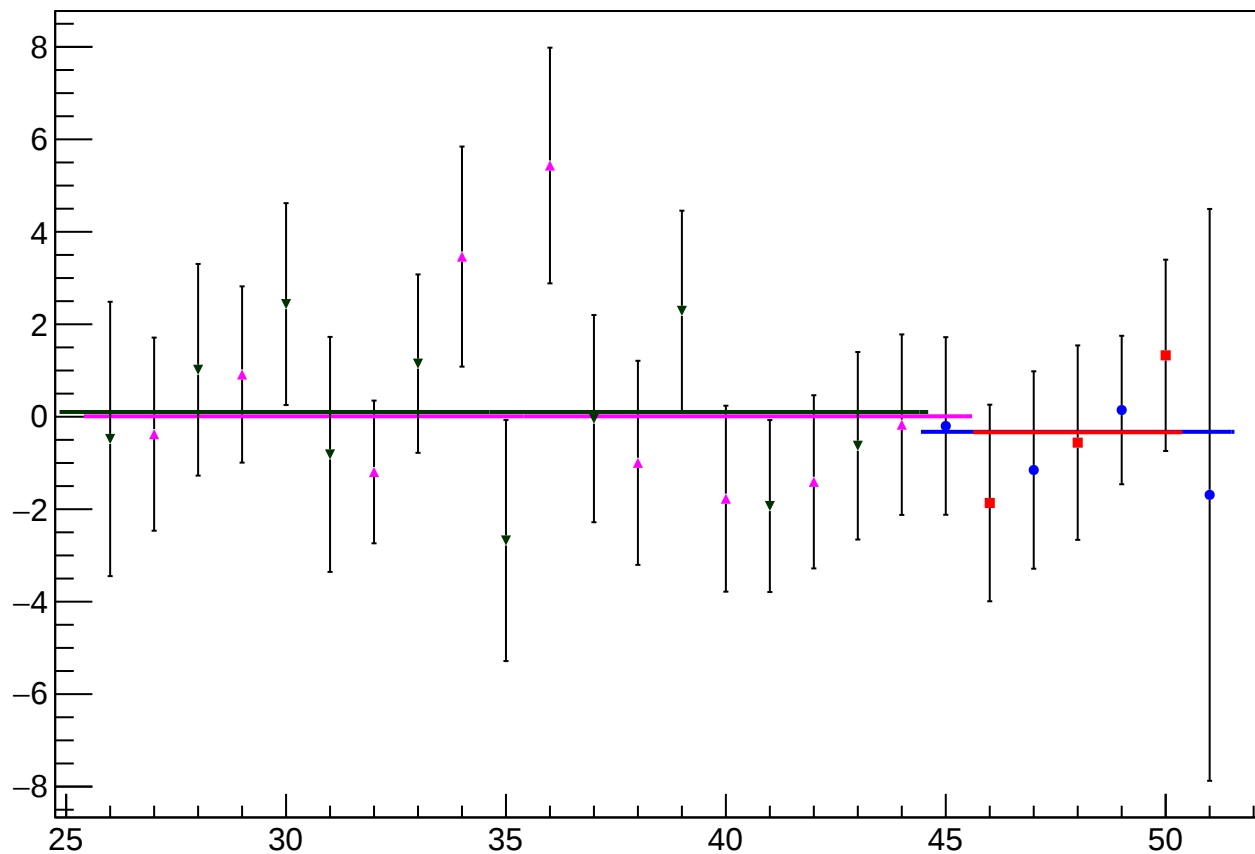
Right Out: 139.644 $\pm$ 0.135 χ^2 /NDF: 58463.5/2

Left In: 82.933 $\pm$ 0.038 χ^2 /NDF: 1079060.0/8

100.957 $\pm$ 0.038 χ^2 /NDF: 796887.1/13

87.016 $\pm$ 0.036 χ^2 /NDF: 1300794.4/11

diff_bpm4aX_mean vs slug



Right In: -0.326 ± 1.052 χ^2/NDF : 0.3/3

Left Out: 0.103 ± 0.702 χ^2/NDF : 5.2/9

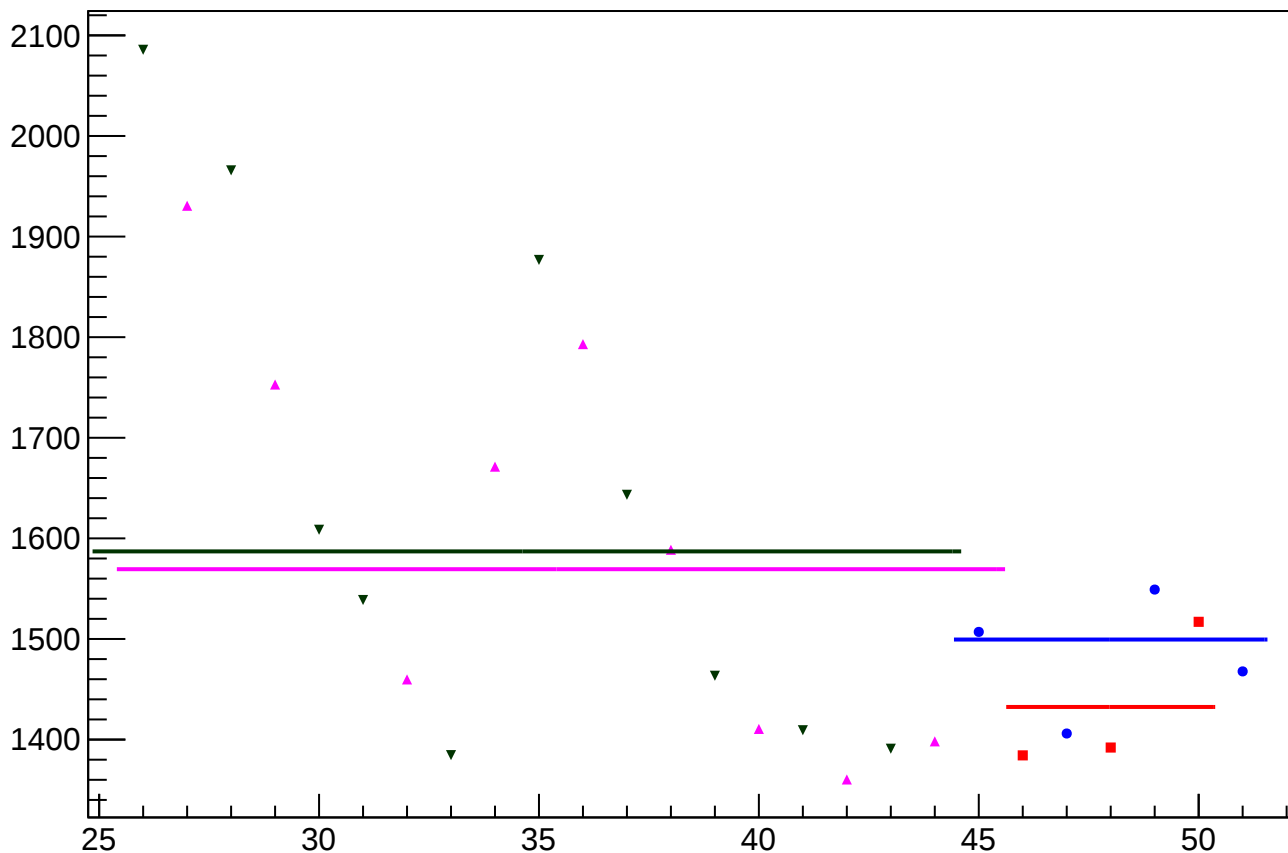
Right Out: -0.336 ± 1.212 χ^2/NDF : 1.2/2

Left In: 0.010 ± 0.666 χ^2/NDF : 9.1/8

-0.029 ± 0.584 χ^2/NDF : 5.7/13

-0.070 ± 0.584 χ^2/NDF : 10.3/11

diff_bpm4aX_rms vs slug



Right In: 1499.441+/-0.744 χ^2/NDF : 5825.6/3

Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

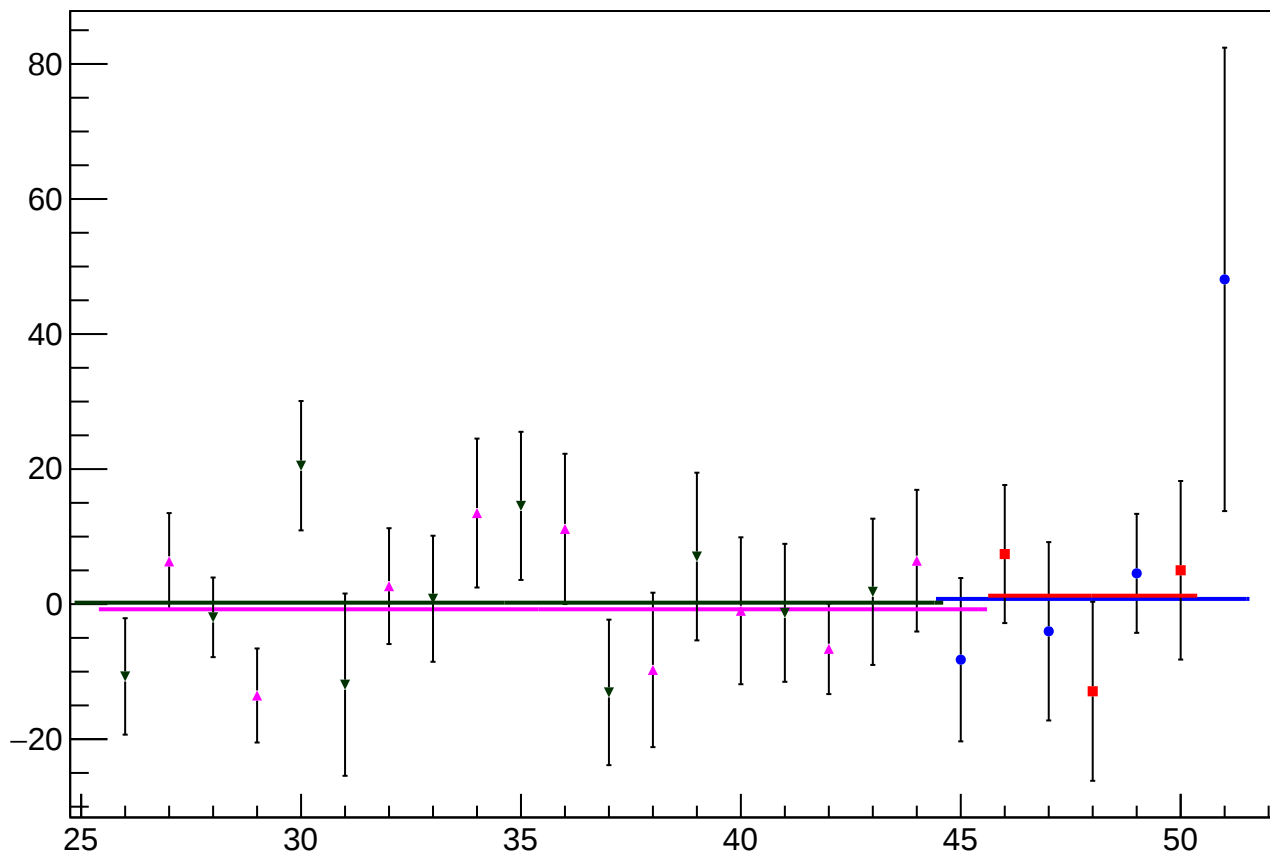
Right Out: 1432.422+/-0.857 χ^2/NDF : 5107.8/2

Left In: 1569.361+/-0.471 χ^2/NDF : 160439.4/8

1560.035+/-0.413 χ^2/NDF : 219013.1/13

1537.592+/-0.413 χ^2/NDF : 185164.3/11

diff_bpm4aY_mean vs slug



Right In: 0.772 ± 6.166 χ^2/NDF : 2.8/3

Left Out: 0.216 ± 2.994 χ^2/NDF : 10.6/9

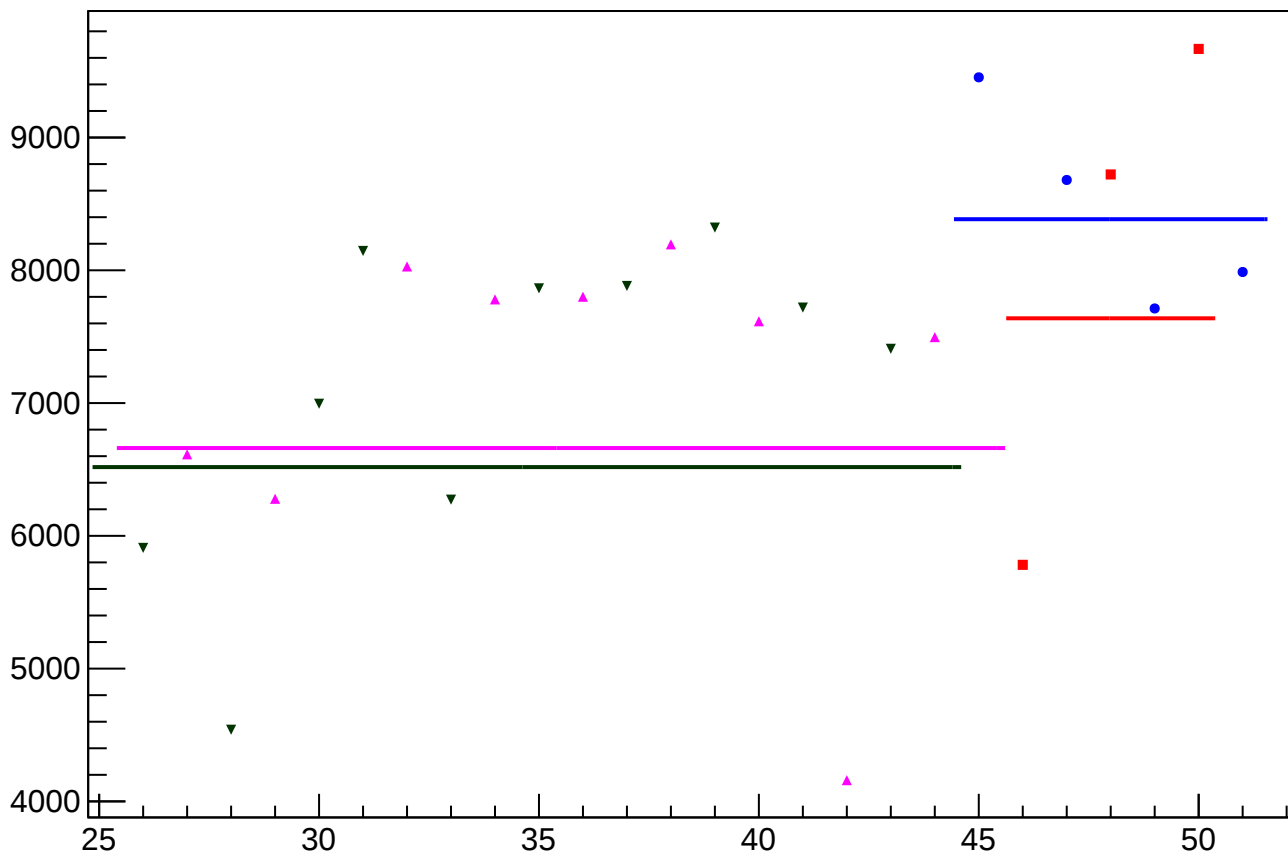
Right Out: 1.250 ± 6.904 χ^2/NDF : 1.6/2

Left In: -0.763 ± 2.918 χ^2/NDF : 9.2/8

0.322 ± 2.693 χ^2/NDF : 13.4/13

-0.458 ± 2.688 χ^2/NDF : 10.8/11

diff_bpm4aY_rms vs slug



Right In: 8384.823+/-4.360 χ^2/NDF : 28520.1/3

Left Out: 6517.791+/-2.117 χ^2/NDF : 416045.1/9

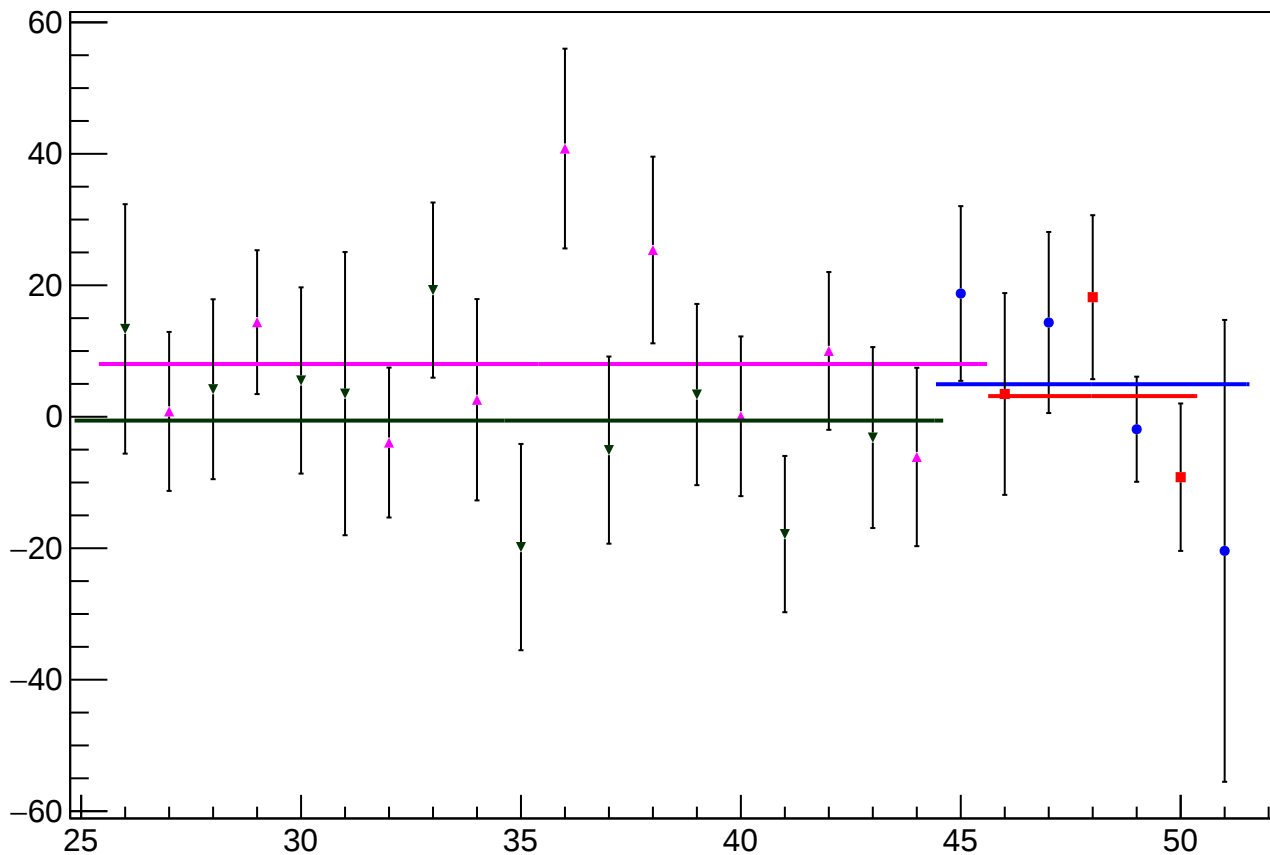
Right Out: 7638.443+/-4.882 χ^2/NDF : 126425.7/2

Left In: 6661.299+/-2.063 χ^2/NDF : 440651.7/8

6873.888+/-1.904 χ^2/NDF : 592947.5/13

6809.394+/-1.901 χ^2/NDF : 601065.0/11

diff_bpm4eX_mean vs slug



Right In: 4.950+/-6.043 χ^2/NDF : 2.8/3

Left Out: -0.581+/-4.588 χ^2/NDF : 6.9/9

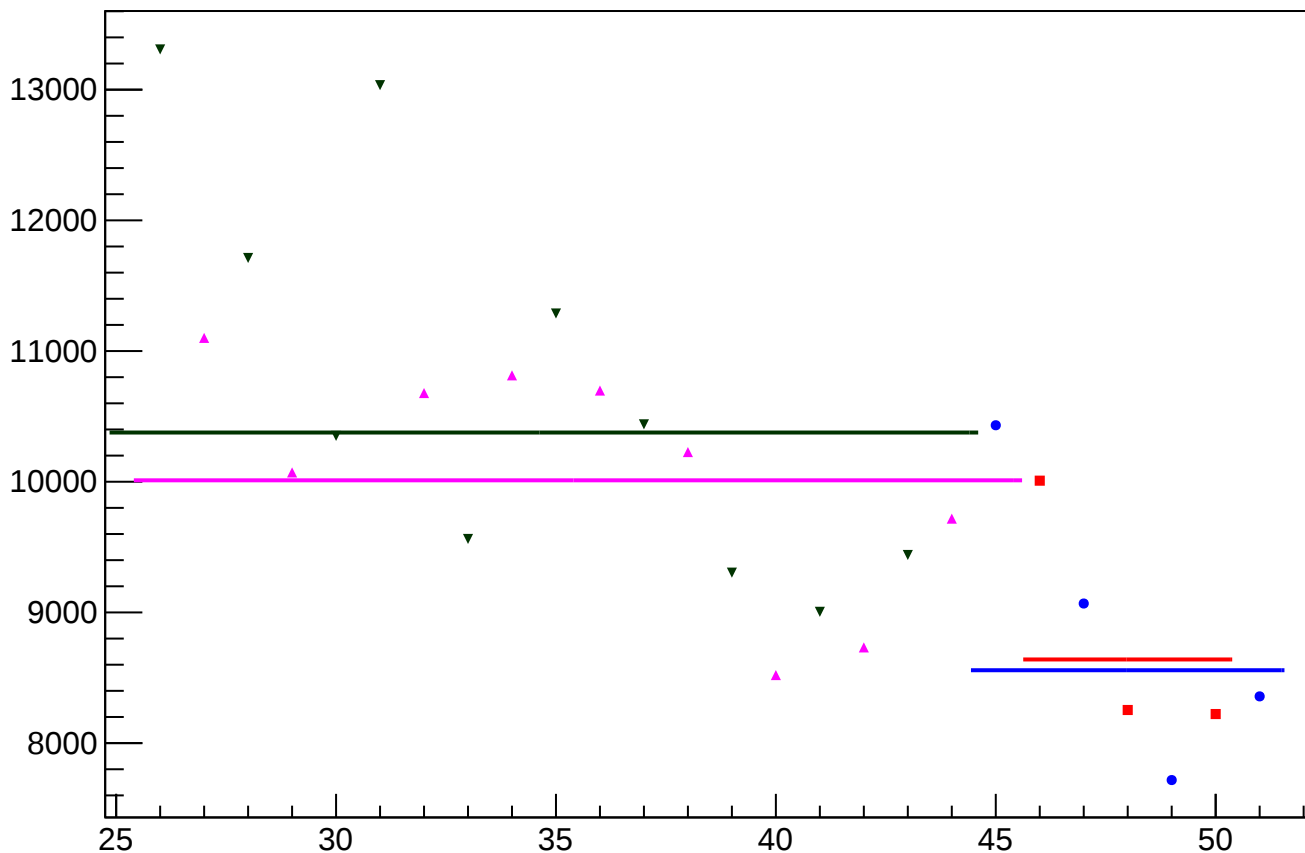
Right Out: 3.144+/-7.327 χ^2/NDF : 2.7/2

Left In: 8.023+/-4.241 χ^2/NDF : 9.6/8

1.442+/-3.654 χ^2/NDF : 10.3/13

6.799+/-3.671 χ^2/NDF : 12.6/11

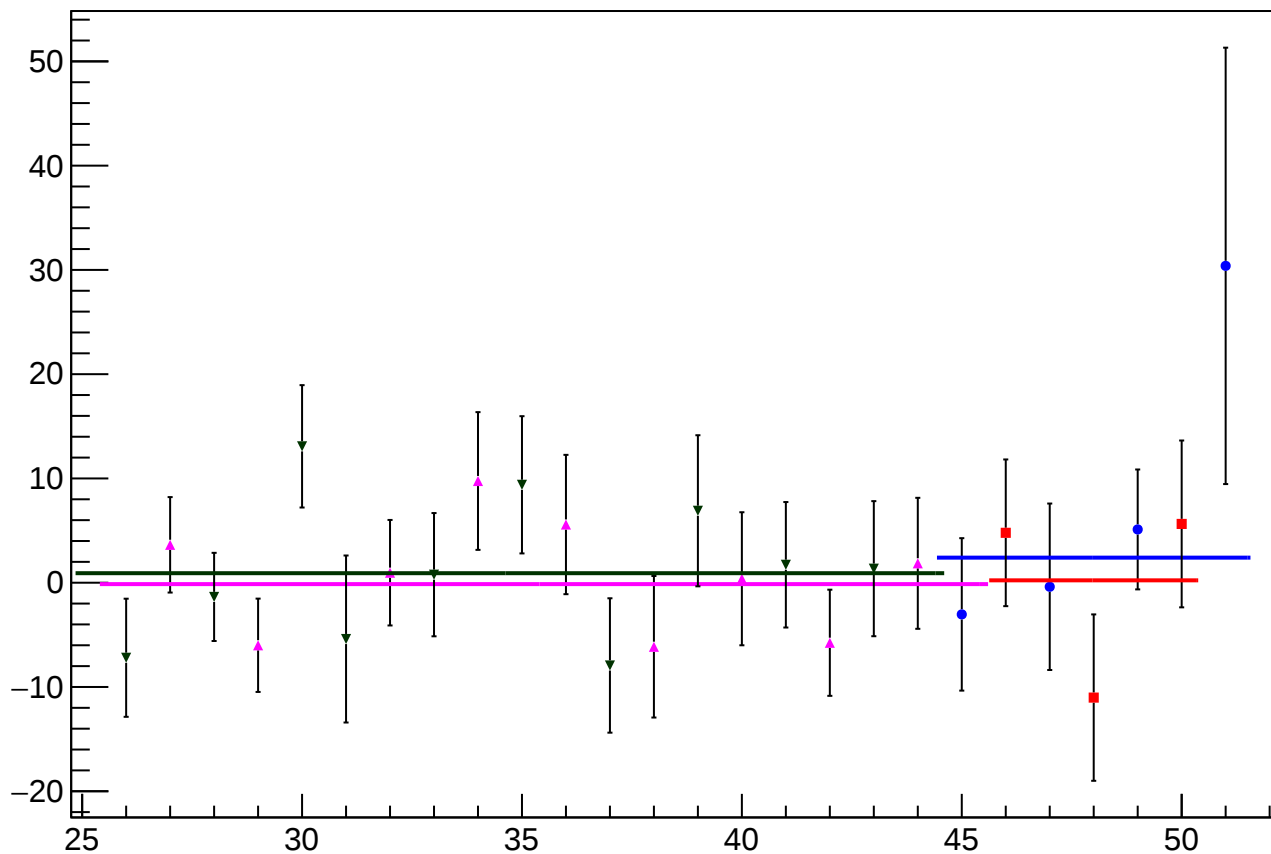
diff_bpm4eX_rms vs slug



Right In: 8557.698+/-4.273 χ^2/NDF : 64693.9/3
 Left Out: 10376.591+/-3.244 χ^2/NDF : 159508.6/9
 Right Out: 8640.124+/-5.181 χ^2/NDF : 20585.7/2
 Left In: 10010.873+/-2.999 χ^2/NDF : 86966.6/8

9711.485+/-2.584 χ^2/NDF : 339143.3/13
 9666.879+/-2.595 χ^2/NDF : 159983.8/11

diff_bpm4eY_mean vs slug



Right In: 2.405 ± 3.865 χ^2/NDF : 2.7/3

Left Out: 0.913 ± 1.896 χ^2/NDF : 11.5/9

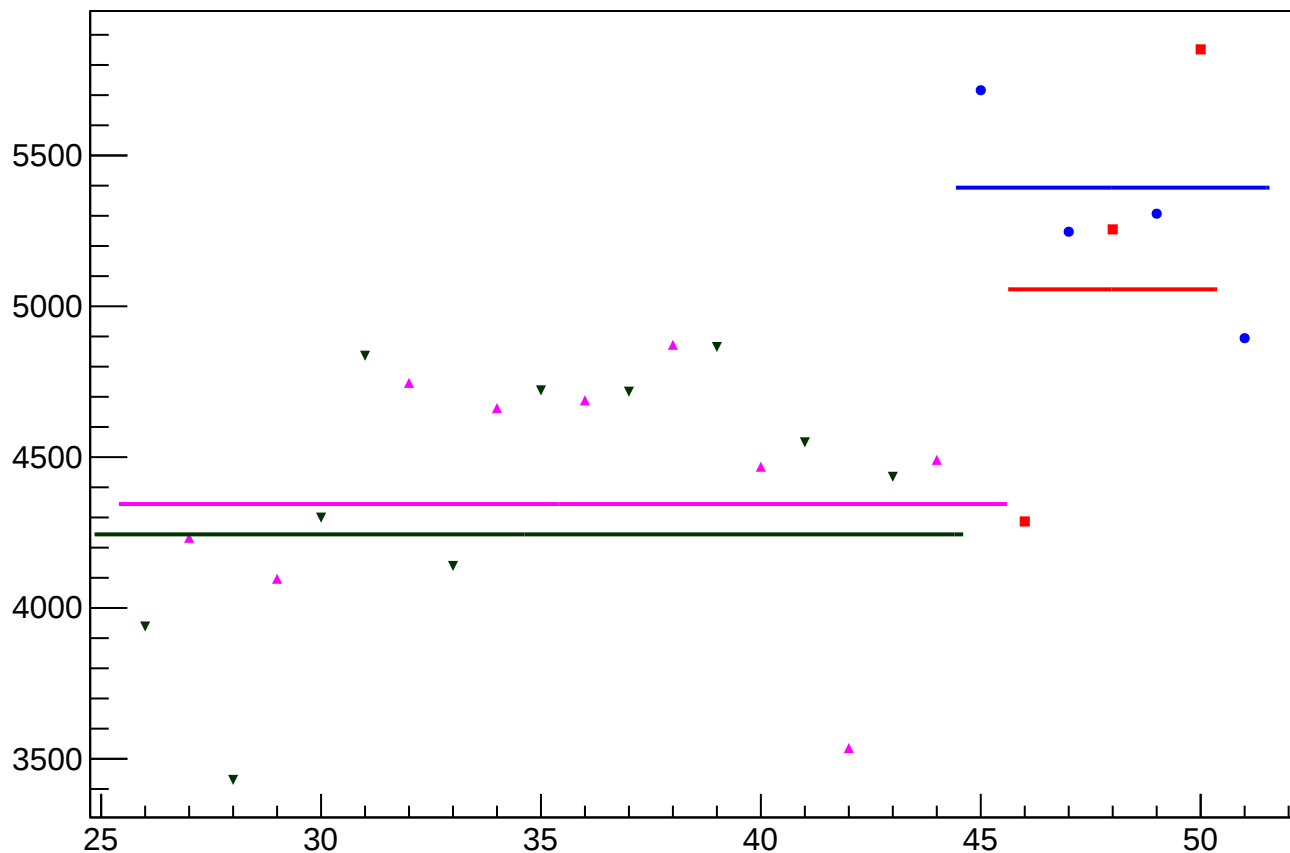
Right Out: 0.228 ± 4.405 χ^2/NDF : 2.9/2

Left In: -0.134 ± 1.850 χ^2/NDF : 7.5/8

1.203 ± 1.703 χ^2/NDF : 14.3/13

-0.080 ± 1.706 χ^2/NDF : 10.4/11

diff_bpm4eY_rms vs slug



Right In: 5393.332+/-2.733 χ^2/NDF : 6160.6/3

Left Out: 4243.997+/-1.341 χ^2/NDF :134537.2/9

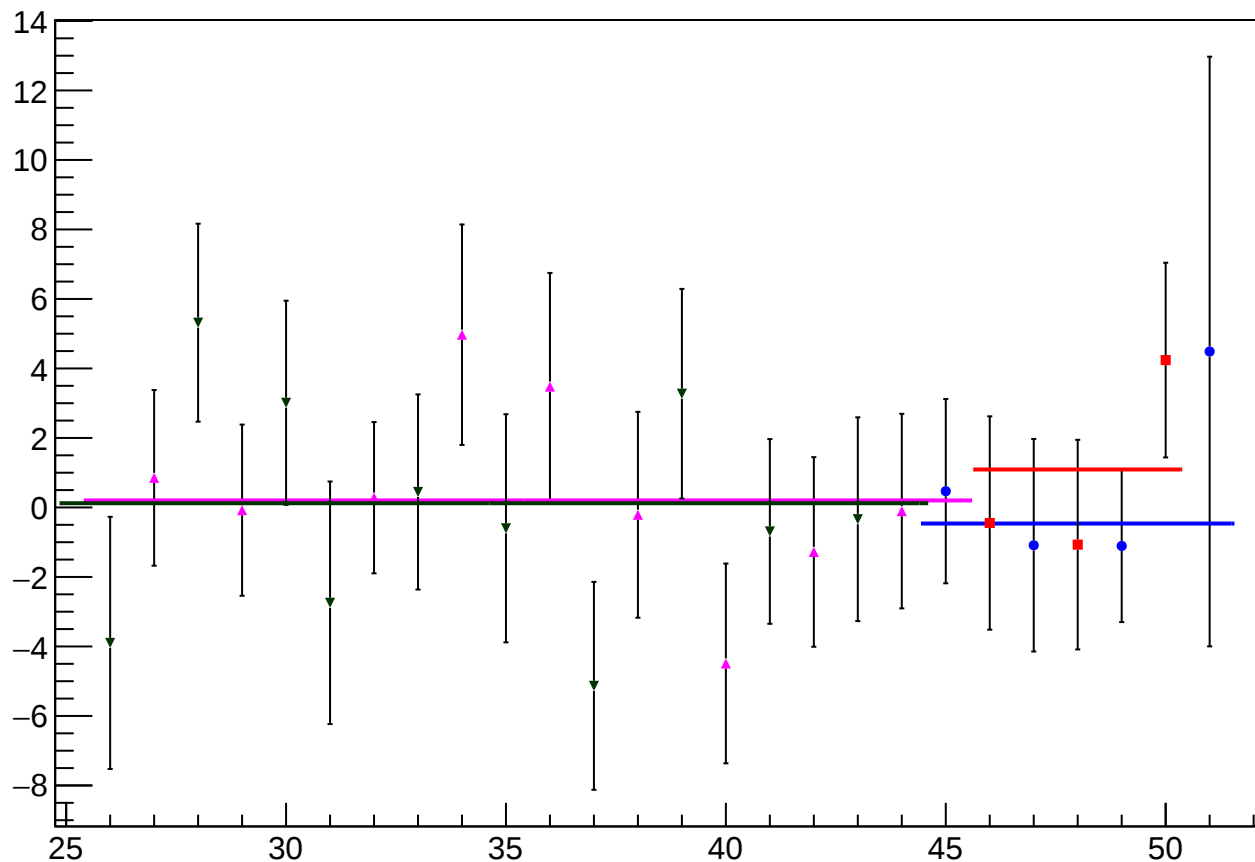
Right Out: 5056.318+/-3.115 χ^2/NDF : 44936.7/2

Left In: 4344.593+/-1.308 χ^2/NDF :94267.5/8

4467.016+/-1.204 χ^2/NDF : 283234.9/13

4451.289+/-1.206 χ^2/NDF : 183588.7/11

diff_bpm4acX_mean vs slug



Right In: -0.463 ± 1.456 $\chi^2/\text{NDF}: 0.6/3$

Left Out: 0.122 ± 0.955 $\chi^2/\text{NDF}: 10.6/9$

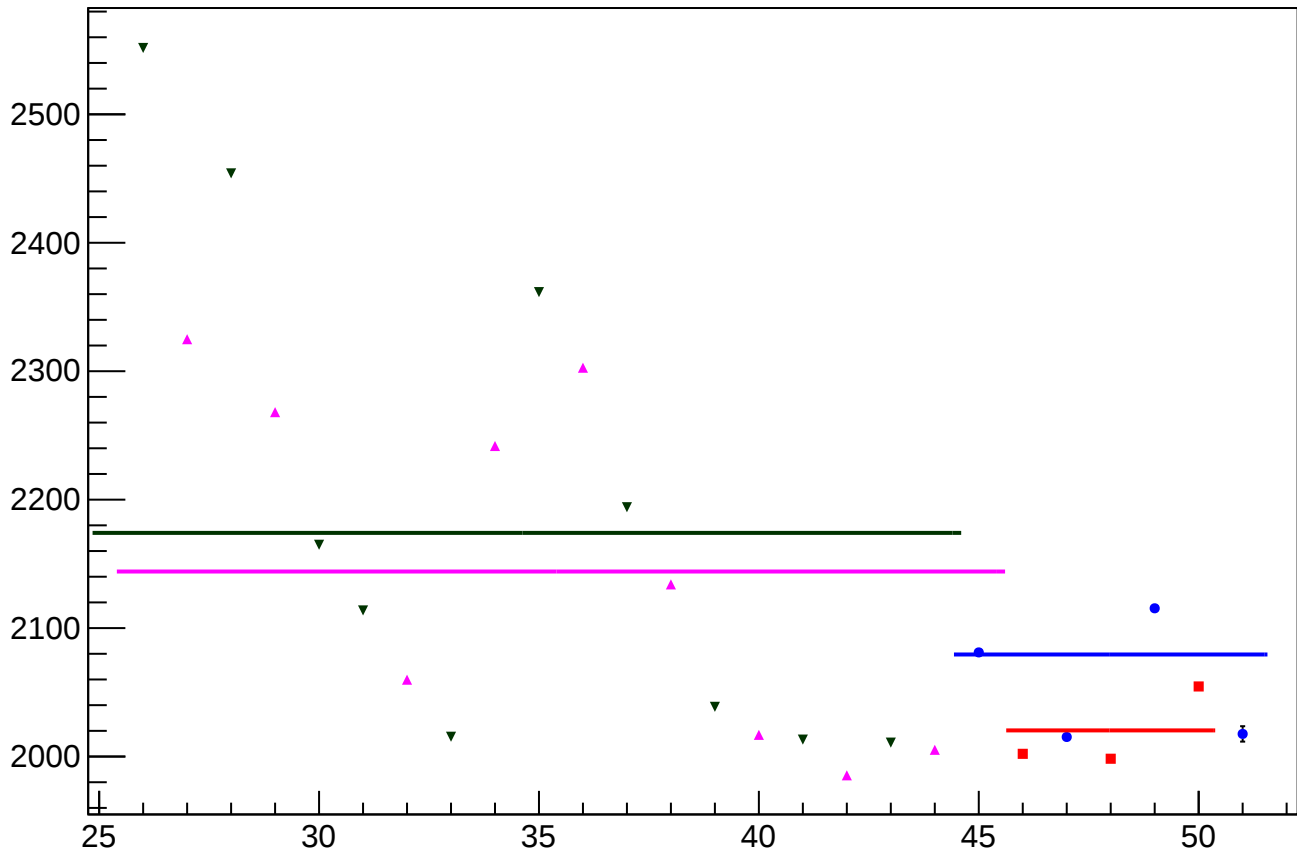
Right Out: 1.093 ± 1.706 $\chi^2/\text{NDF}: 2.0/2$

Left In: 0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

-0.054 ± 0.799 $\chi^2/\text{NDF}: 11.3/13$

0.397 ± 0.799 $\chi^2/\text{NDF}: 8.6/11$

diff_bpm4acX_rms vs slug



Right In: 2079.457+/-1.030 χ^2/NDF : 1527.7/3

Left Out: 2174.130+/-0.675 χ^2/NDF : 72174.6/9

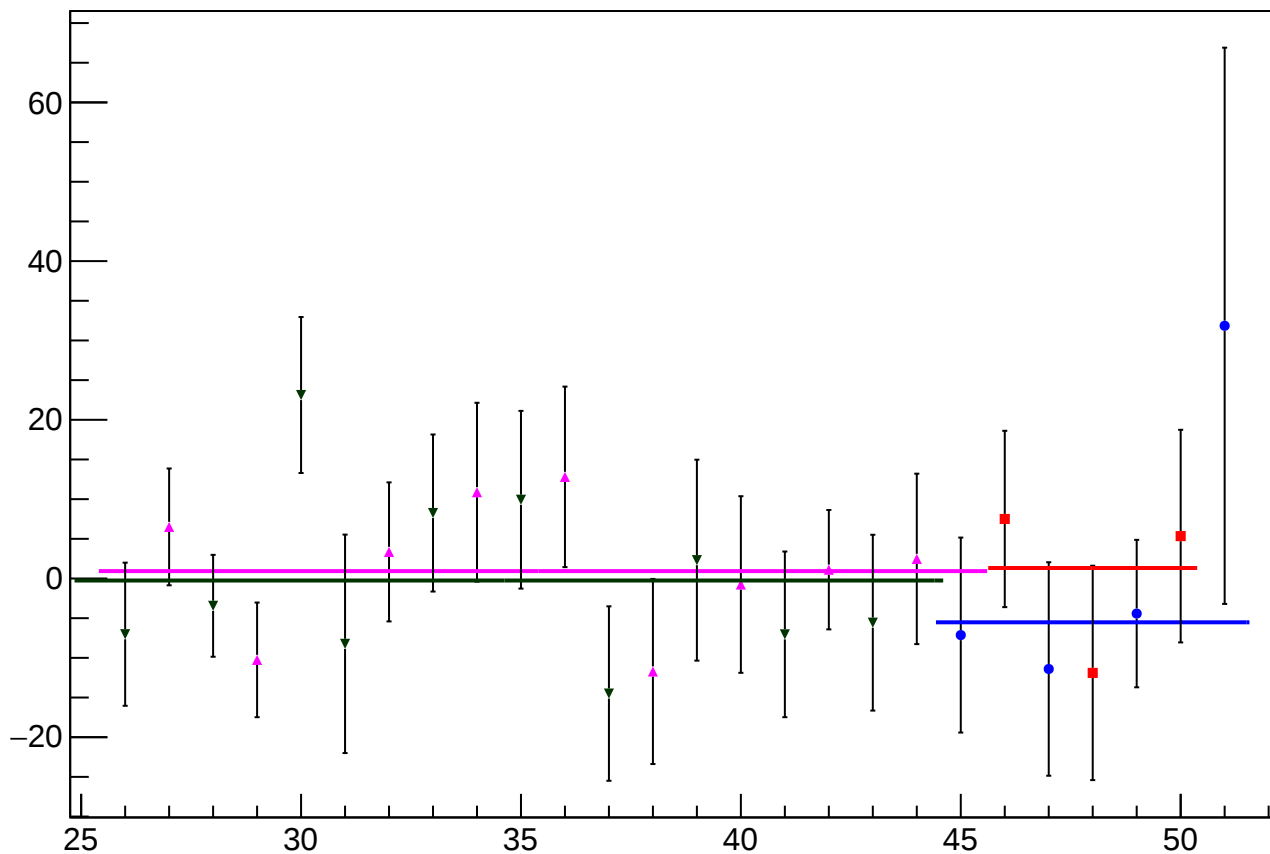
Right Out: 2020.351+/-1.206 χ^2/NDF : 475.9/2

Left In: 2144.053+/-0.640 χ^2/NDF : 40538.6/8

2145.666+/-0.565 χ^2/NDF : 79612.6/13

2116.915+/-0.565 χ^2/NDF : 49221.5/11

diff_bpm4acY_mean vs slug



Right In: -5.520+/-6.383 χ^2/NDF : 1.4/3

Left Out: -0.253+/-3.128 χ^2/NDF :10.7/9

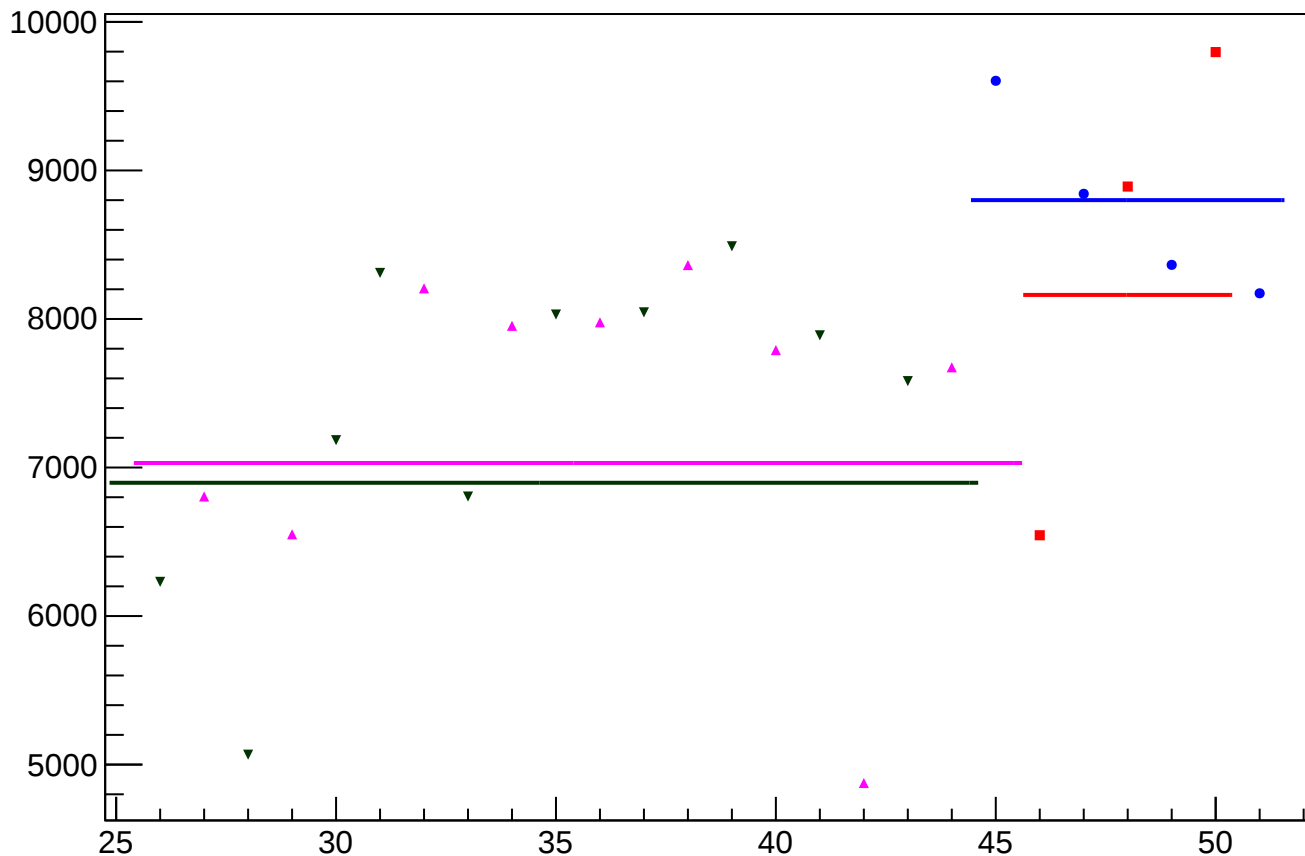
Right Out: 1.325+/-7.226 χ^2/NDF : 1.4/2

Left In: 0.933+/-3.043 χ^2/NDF :6.1/8

-1.273+/-2.809 χ^2/NDF : 12.7/13

0.992+/-2.804 χ^2/NDF : 7.5/11

diff_bpm4acY_rms vs slug



Right In: 8800.198+/-4.513 χ^2/NDF : 13613.7/3

Left Out: 6897.291+/-2.212 χ^2/NDF : 296077.9/9

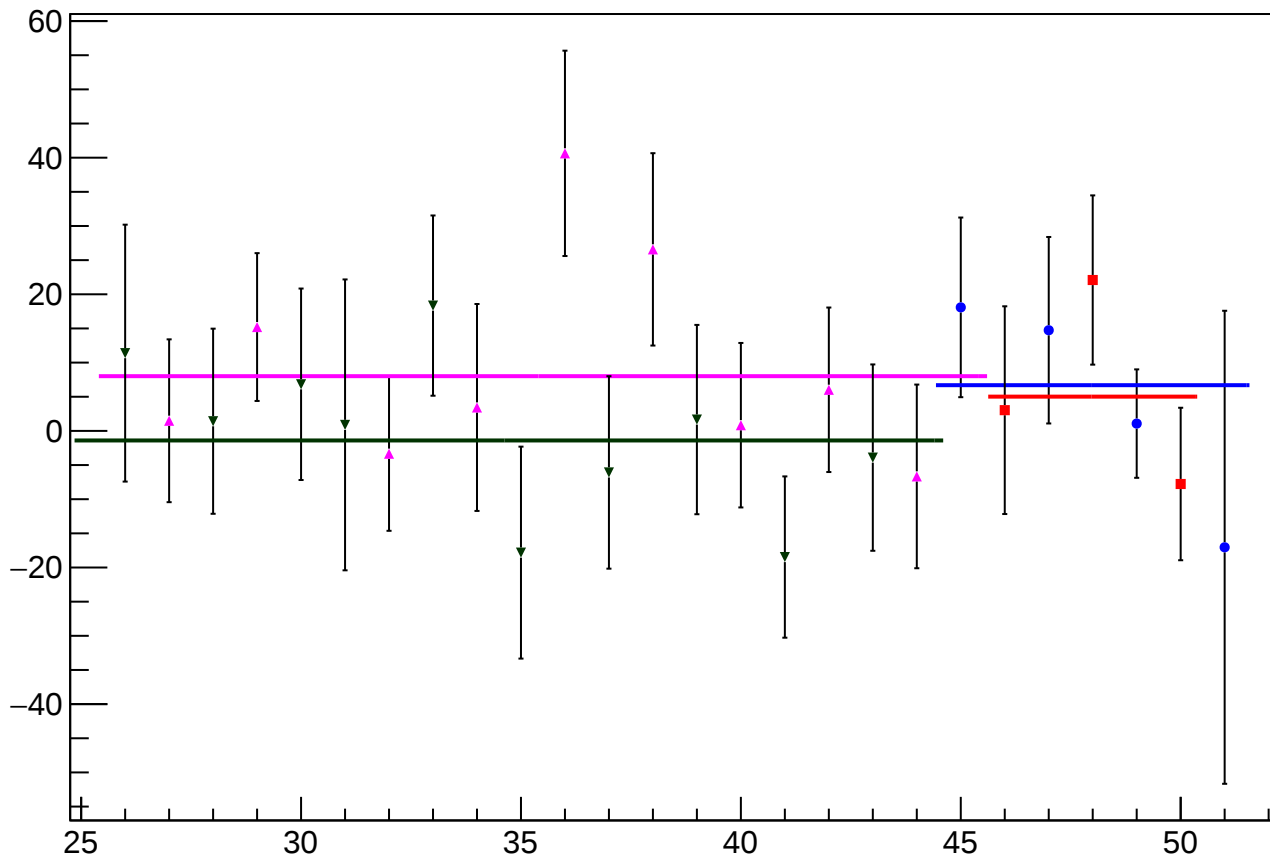
Right Out: 8162.000+/-5.110 χ^2/NDF : 78026.8/2

Left In: 7030.553+/-2.152 χ^2/NDF : 280714.3/8

7265.805+/-1.986 χ^2/NDF : 453024.1/13

7200.942+/-1.983 χ^2/NDF : 400387.4/11

diff_bpm4ecX_mean vs slug



Right In: 6.693+/-5.992 χ^2/NDF : 2.1/3

Left Out: -1.399+/-4.552 χ^2/NDF : 6.5/9

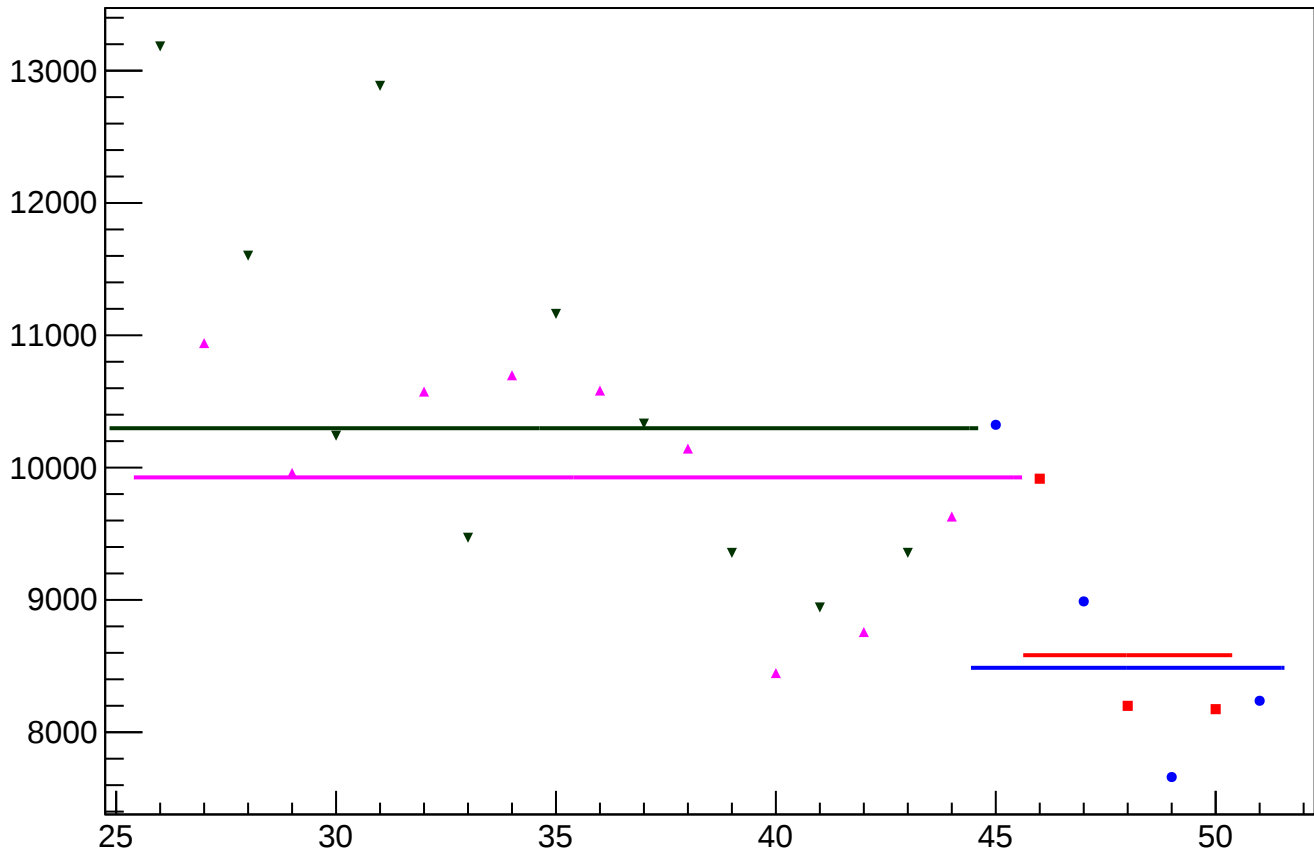
Right Out: 5.018+/-7.281 χ^2/NDF : 3.2/2

Left In: 8.013+/-4.204 χ^2/NDF : 9.9/8

1.562+/-3.625 χ^2/NDF : 9.7/13

7.264+/-3.641 χ^2/NDF : 13.2/11

diff_bpm4ecX_rms vs slug



Right In: 8486.880+/-4.237 χ^2/NDF : 63452.5/3

Left Out: 10297.699+/-3.219 χ^2/NDF :154377.9/9

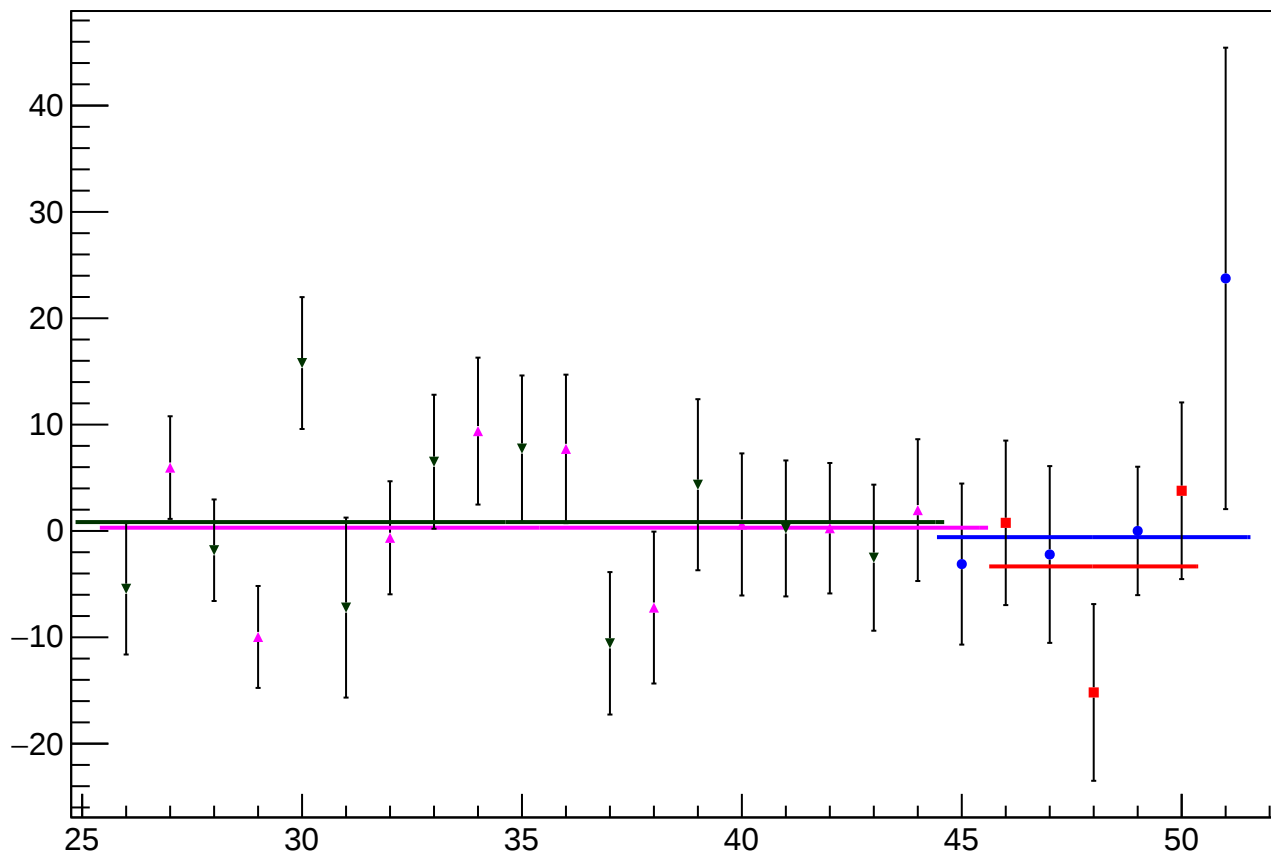
9635.041+/-2.563 χ^2/NDF : 333647.5/13

Right Out: 8582.228+/-5.148 χ^2/NDF : 19968.0/2

9590.049+/-2.574 χ^2/NDF : 151665.2/11

Left In: 9926.075+/-2.973 χ^2/NDF :80597.8/8

diff_bpm4ecY_mean vs slug



Right In: -0.582 ± 4.033 χ^2/NDF : 1.4/3

Left Out: 0.835 ± 2.042 χ^2/NDF : 13.2/9

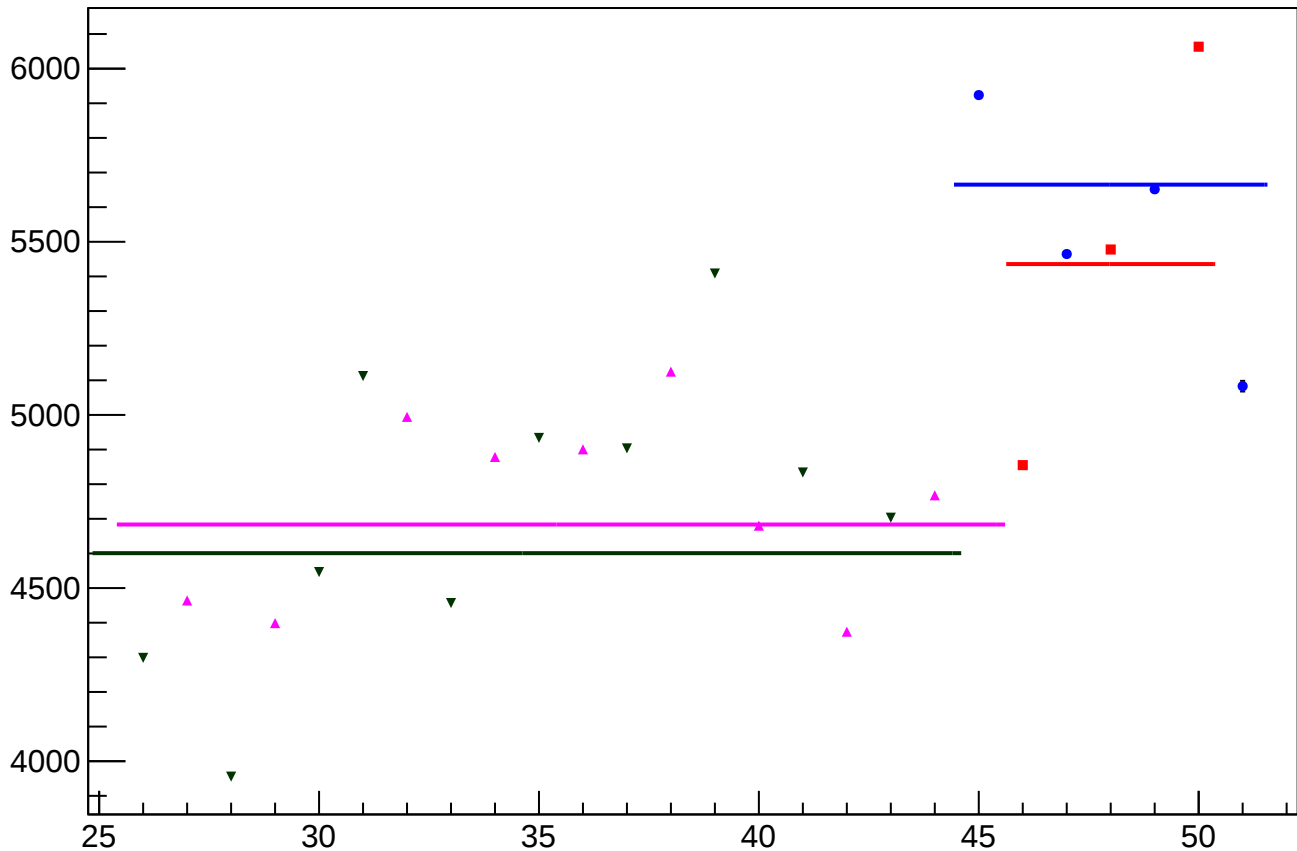
Right Out: -3.335 ± 4.678 χ^2/NDF : 3.0/2

Left In: 0.306 ± 1.982 χ^2/NDF : 10.0/8

0.546 ± 1.822 χ^2/NDF : 14.7/13

-0.248 ± 1.825 χ^2/NDF : 13.6/11

diff_bpm4ecY_rms vs slug



Right In: 5665.100+/-2.852 χ^2/NDF : 4944.5/3

Left Out: 4600.808+/-1.444 χ^2/NDF : 81875.8/9

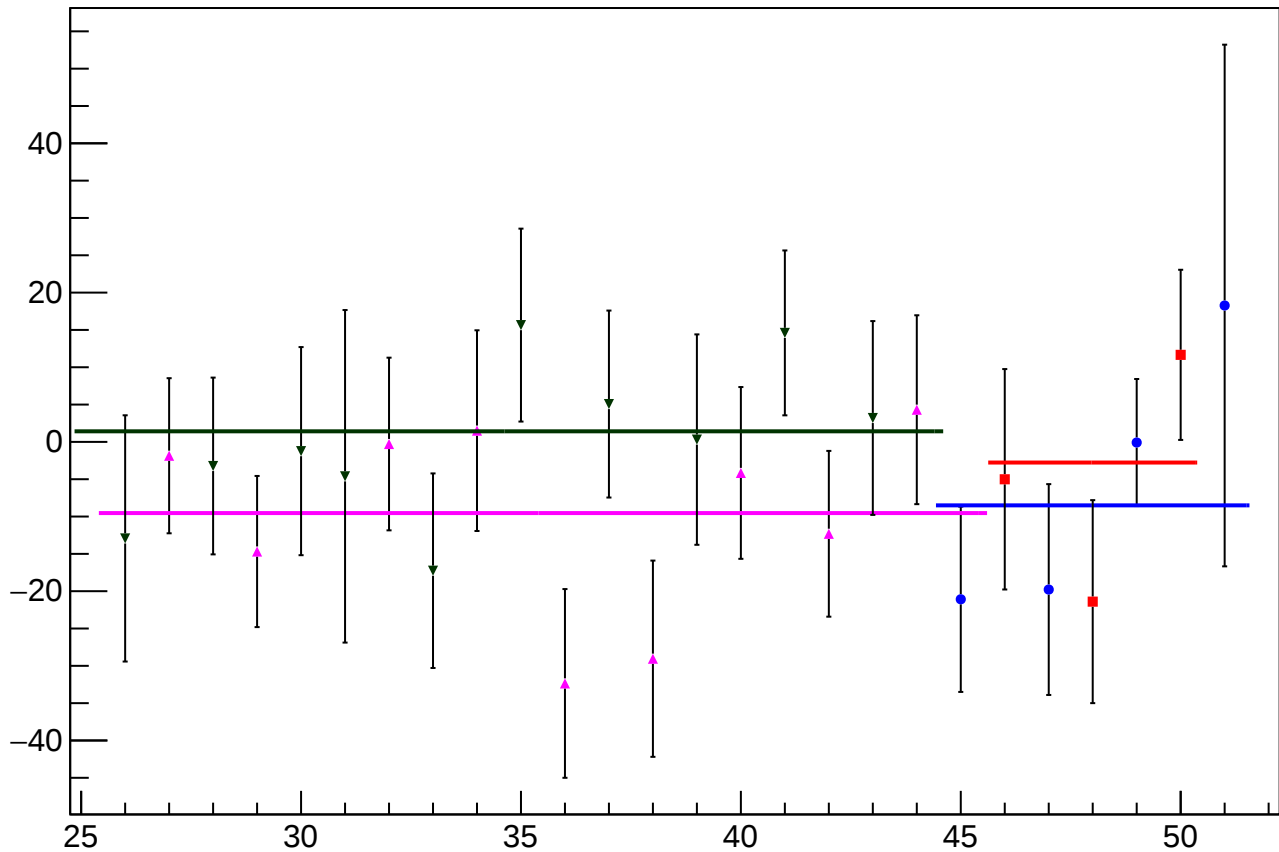
4817.968+/-1.288 χ^2/NDF : 197674.9/13

Right Out: 5435.658+/-3.308 χ^2/NDF : 22747.2/2

4798.057+/-1.291 χ^2/NDF : 101199.2/11

Left In: 4683.543+/-1.402 χ^2/NDF : 34622.6/8

diff_bpm1X_mean vs slug



Right In: -8.502 ± 6.186 χ^2/NDF : 3.2/3

Left Out: 1.417 ± 4.249 χ^2/NDF : 5.8/9

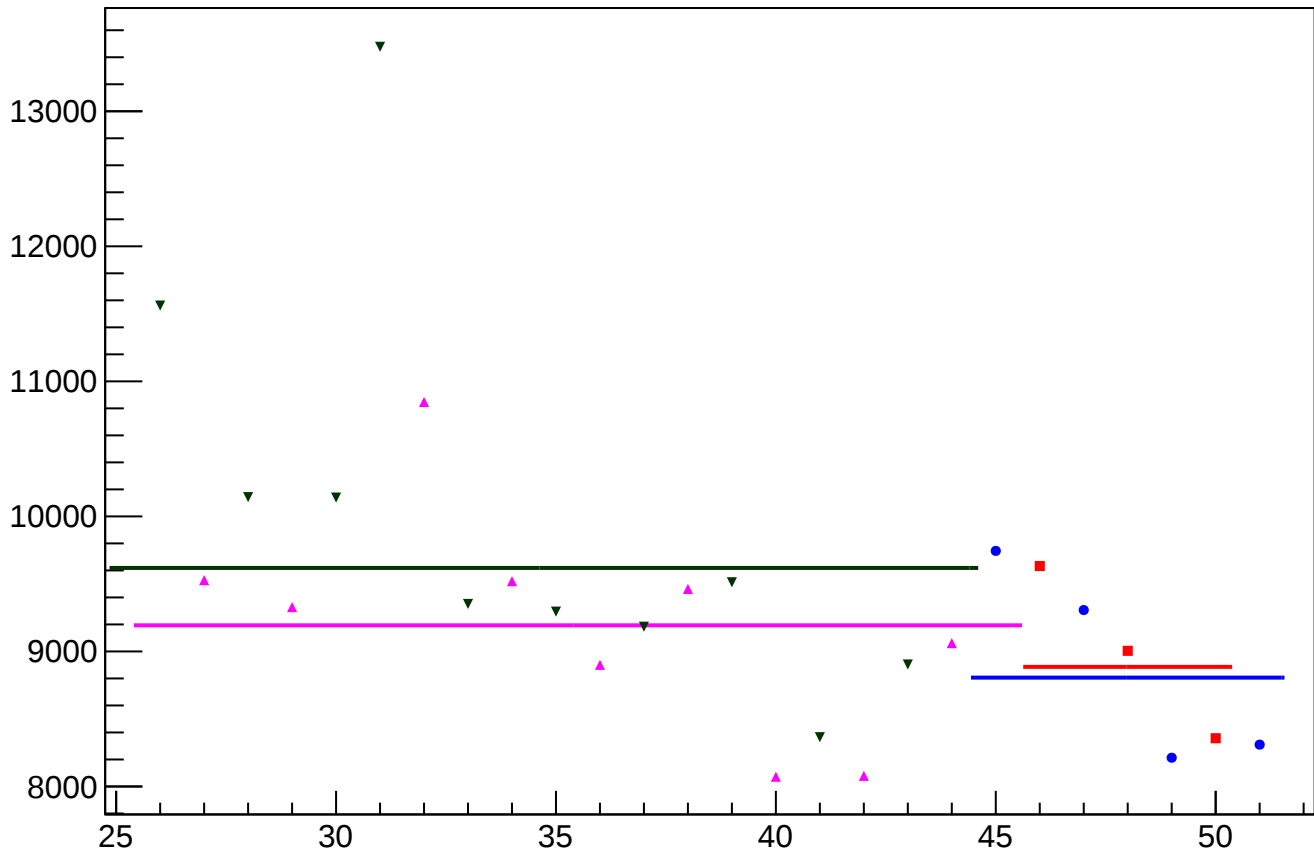
Right Out: -2.765 ± 7.518 χ^2/NDF : 3.5/2

Left In: -9.535 ± 3.893 χ^2/NDF : 9.1/8

-1.763 ± 3.502 χ^2/NDF : 10.8/13

-8.103 ± 3.457 χ^2/NDF : 13.2/11

diff_bpm1X_rms vs slug



Right In: 8806.163+/-4.374 χ^2/NDF : 24062.3/3

Left Out: 9618.418+/-3.005 χ^2/NDF :130935.9/9

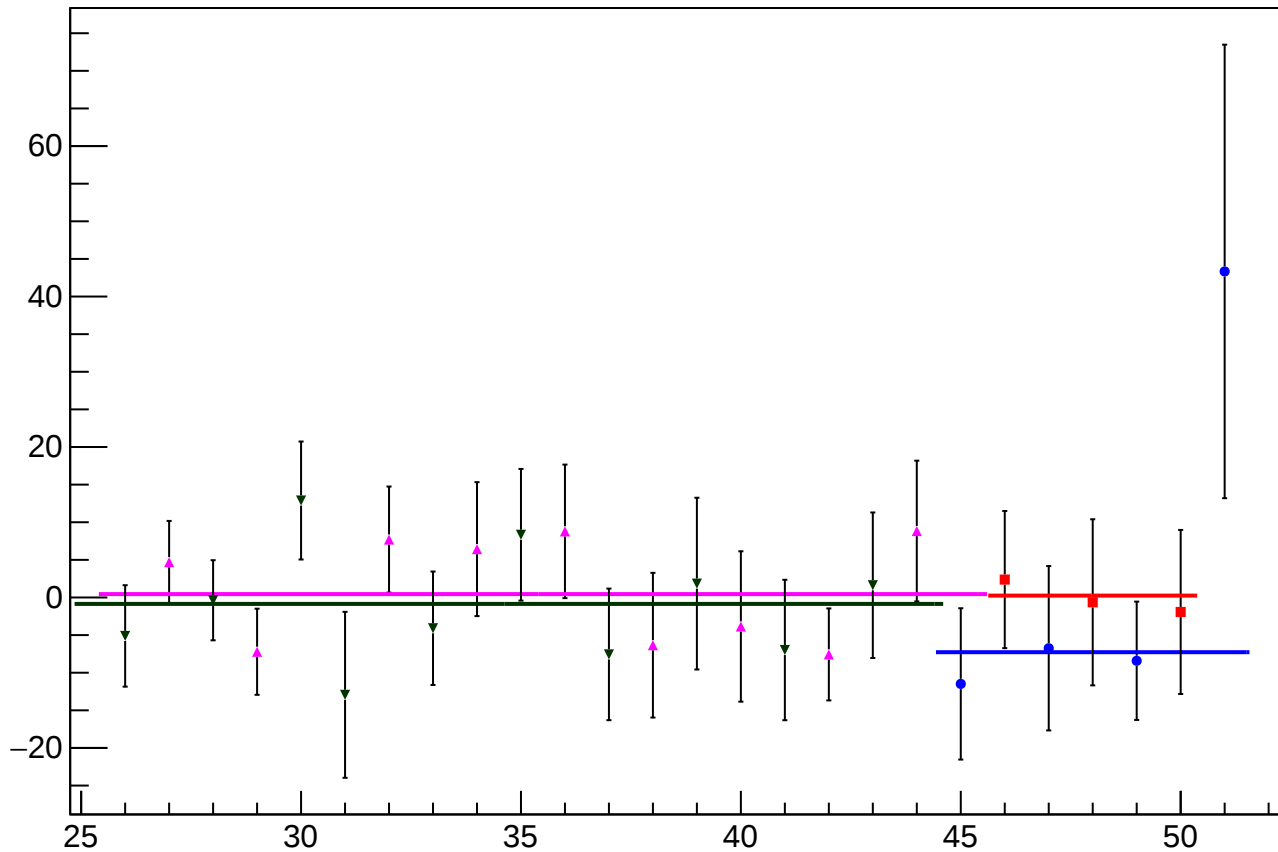
9358.033+/-2.477 χ^2/NDF : 178427.2/13

Right Out: 8885.772+/-5.316 χ^2/NDF : 9570.3/2

9128.347+/-2.444 χ^2/NDF : 97990.6/11

Left In: 9193.401+/-2.753 χ^2/NDF :85779.3/8

diff_bpm1Y_mean vs slug



Right In: -7.274 $\pm$ 5.304 χ^2/NDF : 3.0/3

Left Out: -0.856 $\pm$ 2.537 χ^2/NDF : 7.1/9

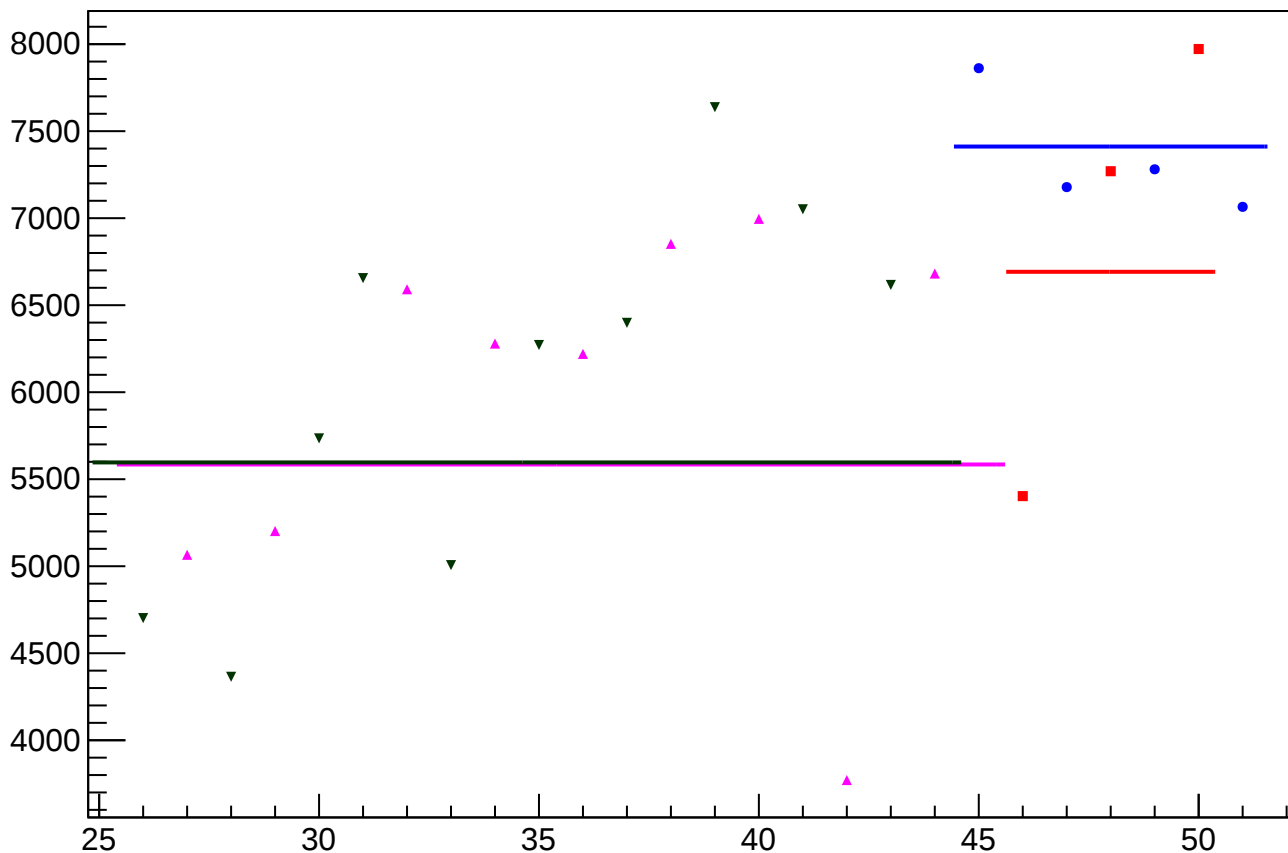
Right Out: 0.250 $\pm$ 5.908 χ^2/NDF : 0.1/2

Left In: 0.448 $\pm$ 2.437 χ^2/NDF : 8.0/8

-2.051 $\pm$ 2.289 χ^2/NDF : 11.3/13

0.419 $\pm$ 2.253 χ^2/NDF : 8.1/11

diff_bpm1Y_rms vs slug



Right In: 7411.690+/-3.750 χ^2/NDF : 5736.7/3

Left Out: 5596.473+/-1.794 χ^2/NDF : 337129.9/9

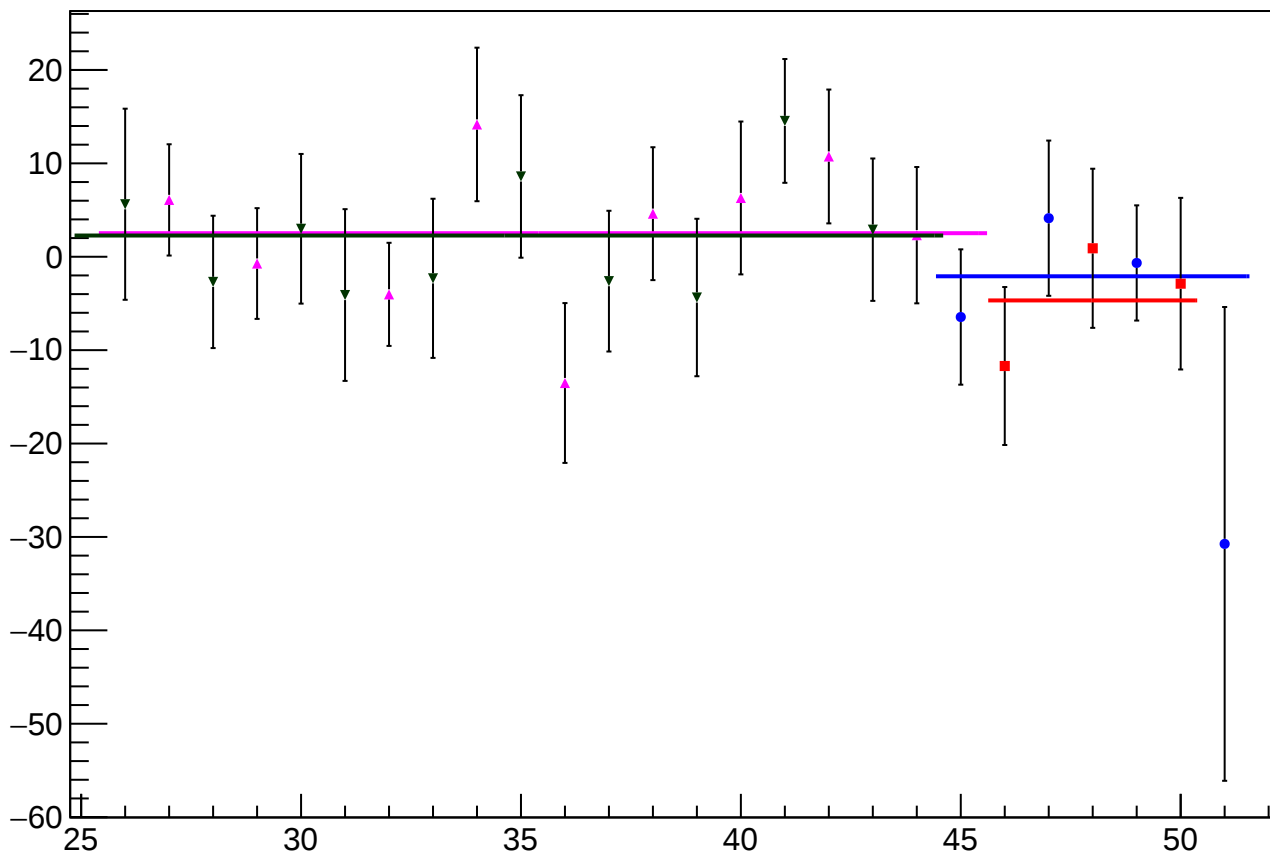
Right Out: 6691.870+/-4.178 χ^2/NDF : 73036.3/2

Left In: 5584.691+/-1.723 χ^2/NDF : 368292.2/8

5934.477+/-1.618 χ^2/NDF : 533501.2/13

5745.714+/-1.593 χ^2/NDF : 501352.7/11

diff_bpm11X_mean vs slug



Right In: -2.092 ± 4.037 χ^2/NDF : 2.3/3

Left Out: 2.274 ± 2.536 χ^2/NDF : 6.4/9

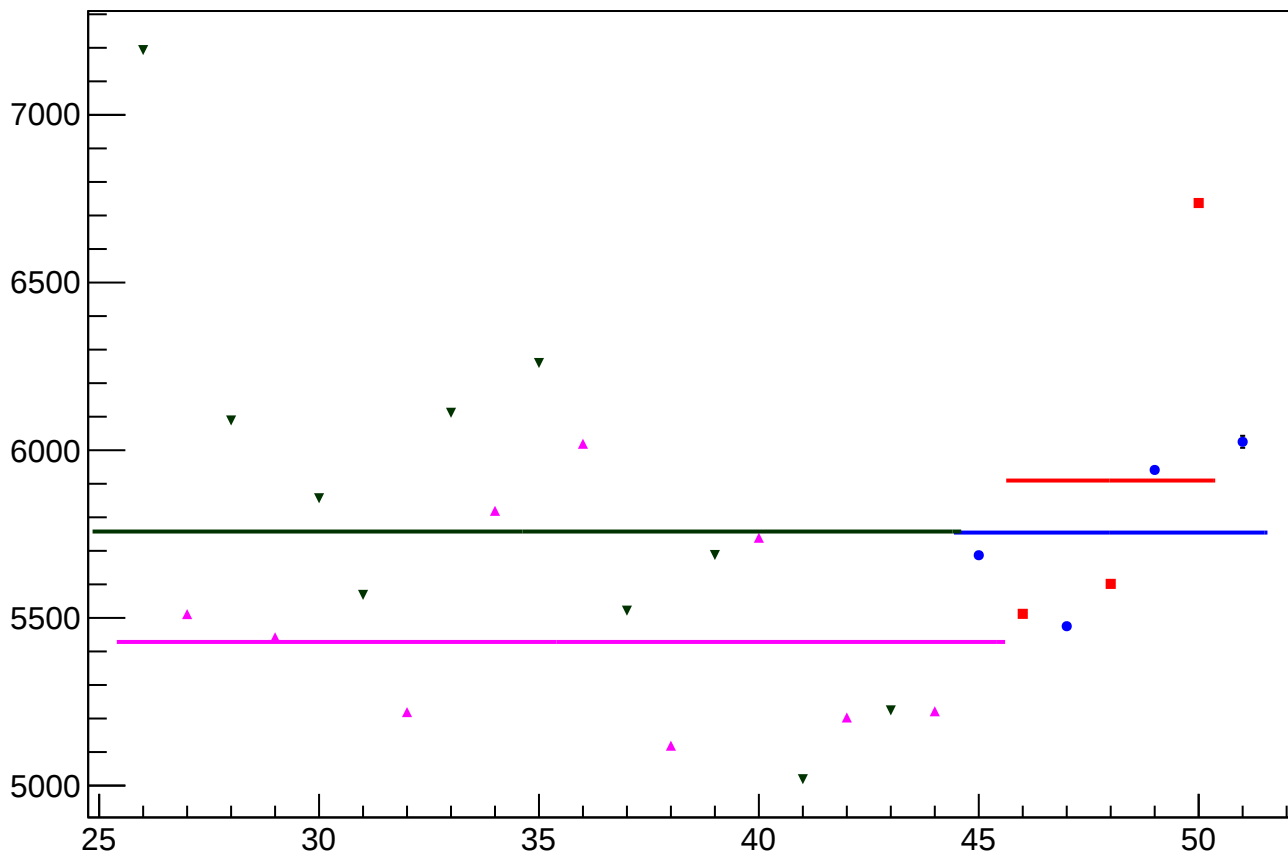
Right Out: -4.676 ± 5.025 χ^2/NDF : 1.2/2

Left In: 2.523 ± 2.289 χ^2/NDF : 9.2/8

1.039 ± 2.147 χ^2/NDF : 9.5/13

1.285 ± 2.083 χ^2/NDF : 12.1/11

diff_bpm11X_rms vs slug



Right In: 5754.480+/-2.854 χ^2/NDF : 4493.3/3

Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

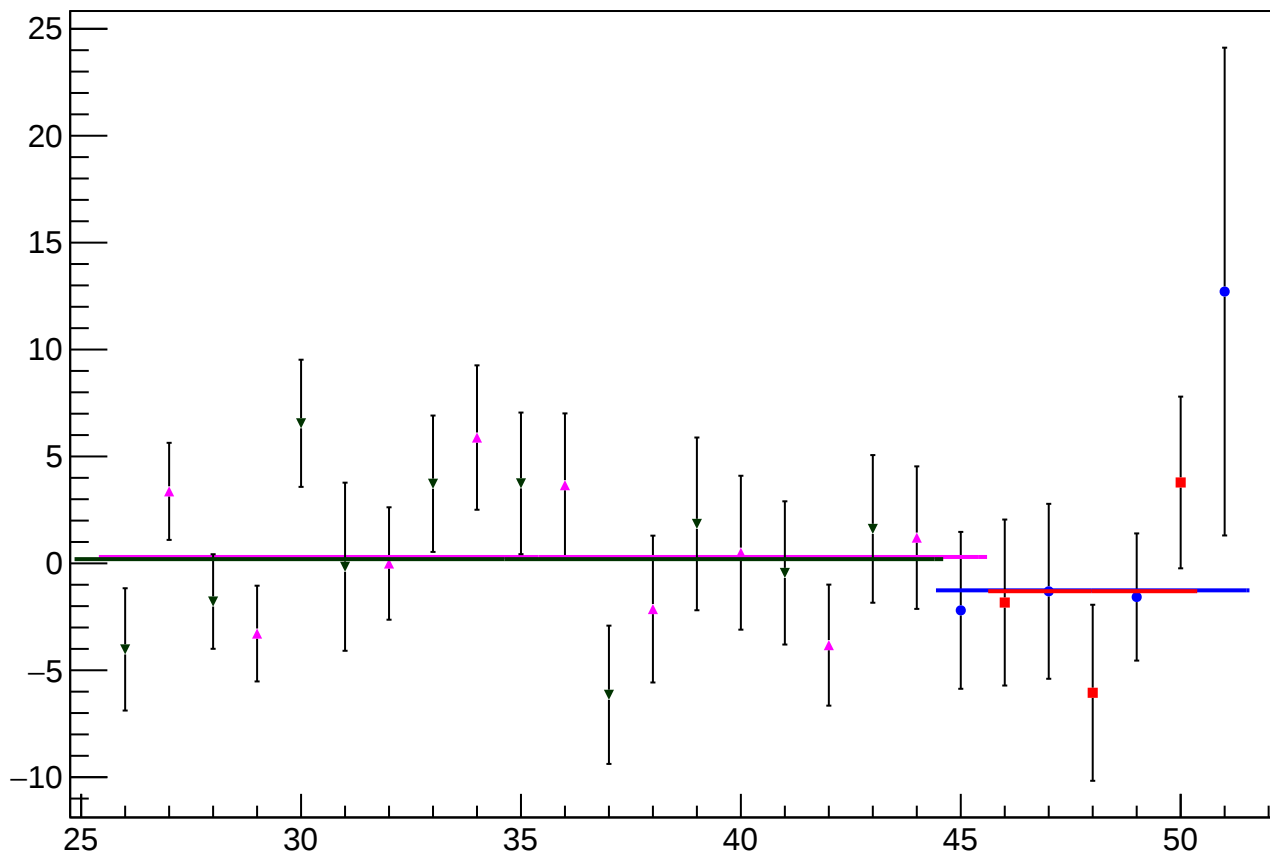
Right Out: 5909.625+/-3.553 χ^2/NDF : 23260.7/2

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5756.712+/-1.518 χ^2/NDF : 96251.5/13

5511.046+/-1.473 χ^2/NDF : 66042.5/11

diff_bpm11Y_mean vs slug



Right In: -1.262 ± 1.981 χ^2/NDF : 1.6/3

Left Out: 0.198 ± 0.988 χ^2/NDF : 14.1/9

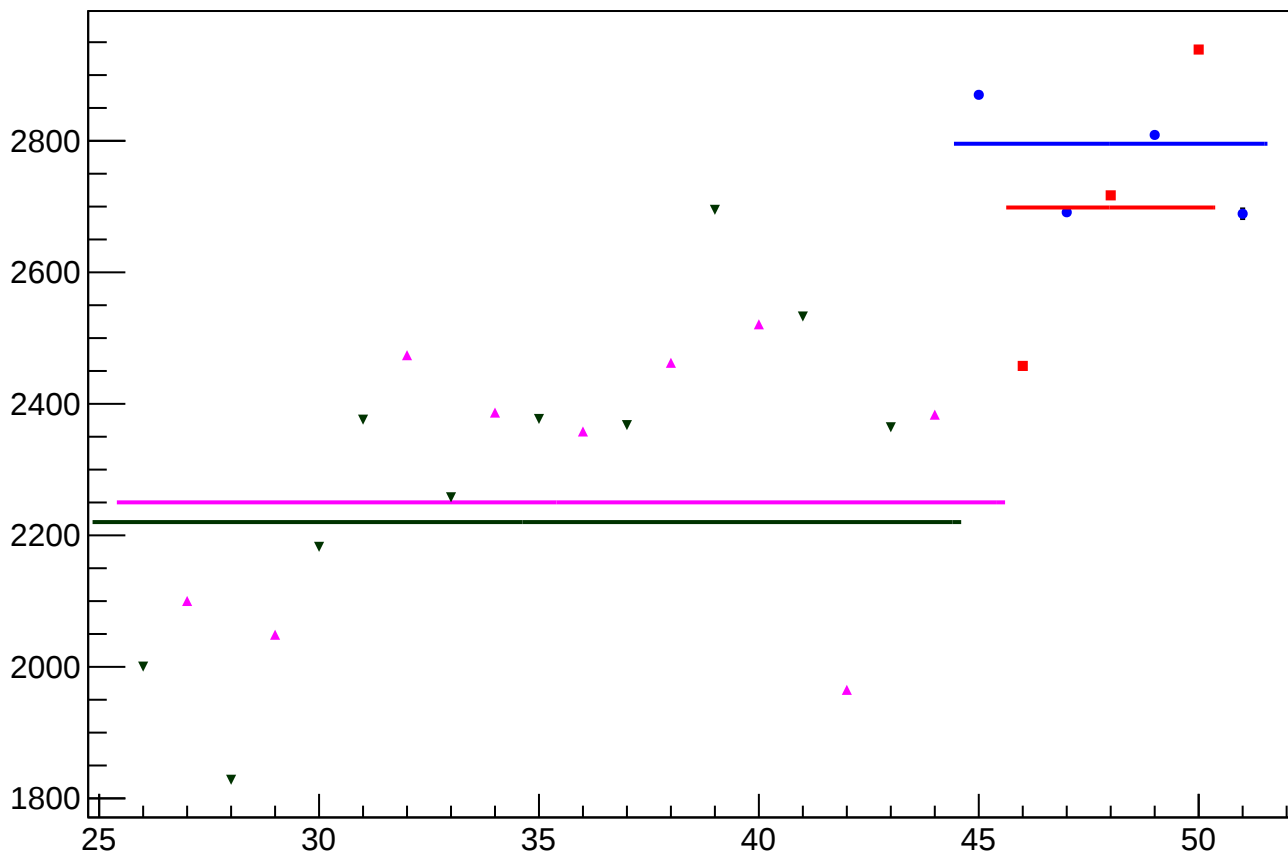
Right Out: -1.302 ± 2.310 χ^2/NDF : 3.0/2

Left In: 0.299 ± 0.957 χ^2/NDF : 10.8/8

-0.093 ± 0.884 χ^2/NDF : 16.2/13

0.064 ± 0.884 χ^2/NDF : 14.2/11

diff_bpm11Y_rms vs slug



Right In: 2795.568+/-1.401 χ^2/NDF : 2335.2/3

Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

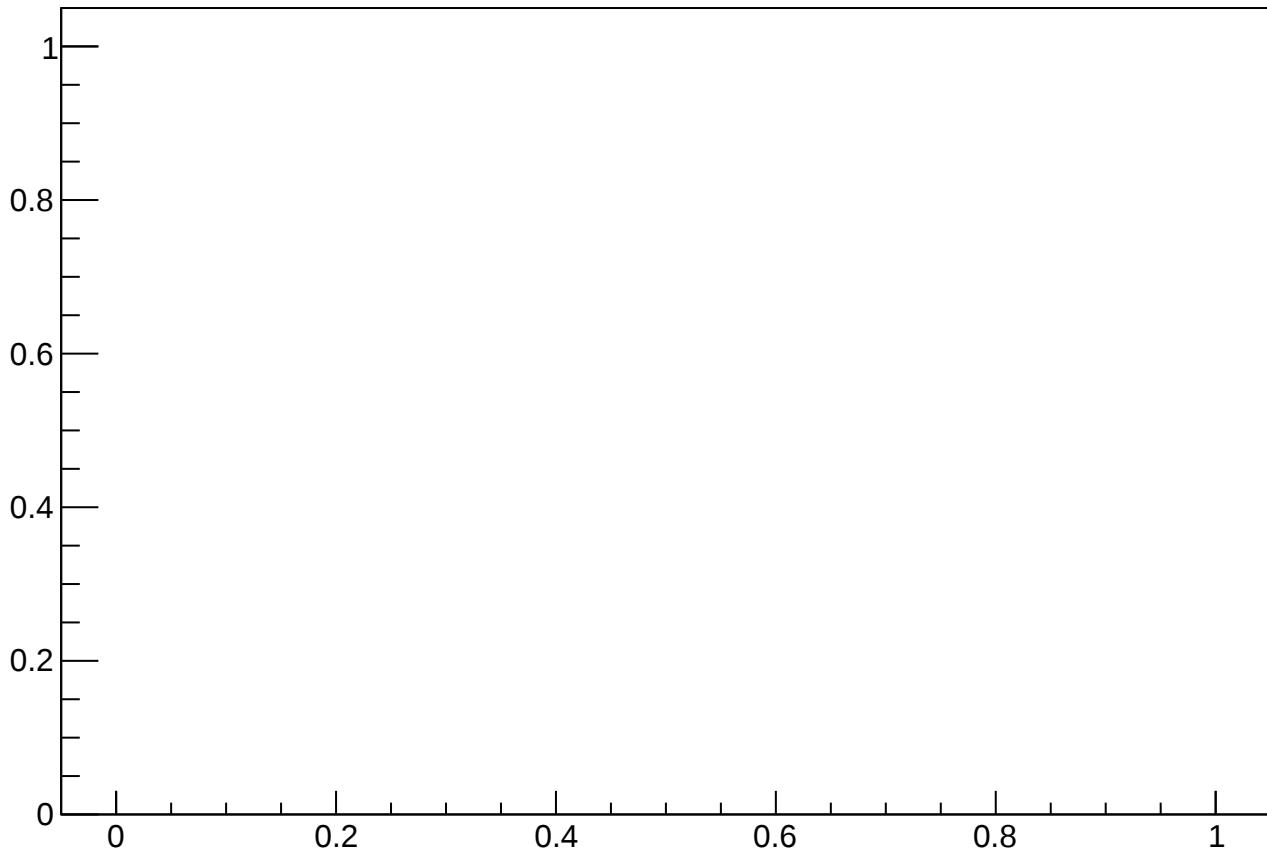
Right Out: 2698.613+/-1.633 χ^2/NDF : 14905.5/2

Left In: 2250.180+/-0.677 χ^2/NDF :87193.5/8

2334.833+/-0.625 χ^2/NDF : 272951.0/13

2315.891+/-0.625 χ^2/NDF : 166426.7/11

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

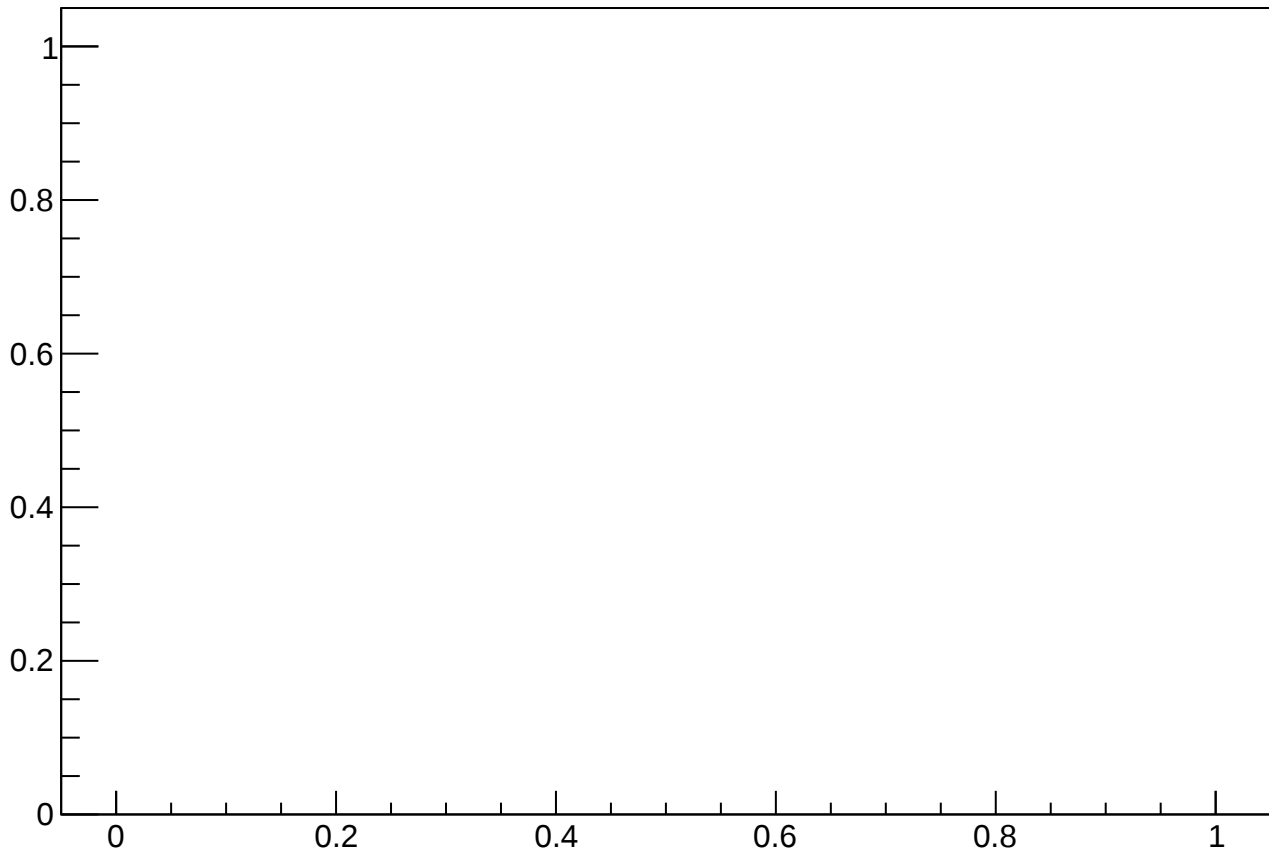
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

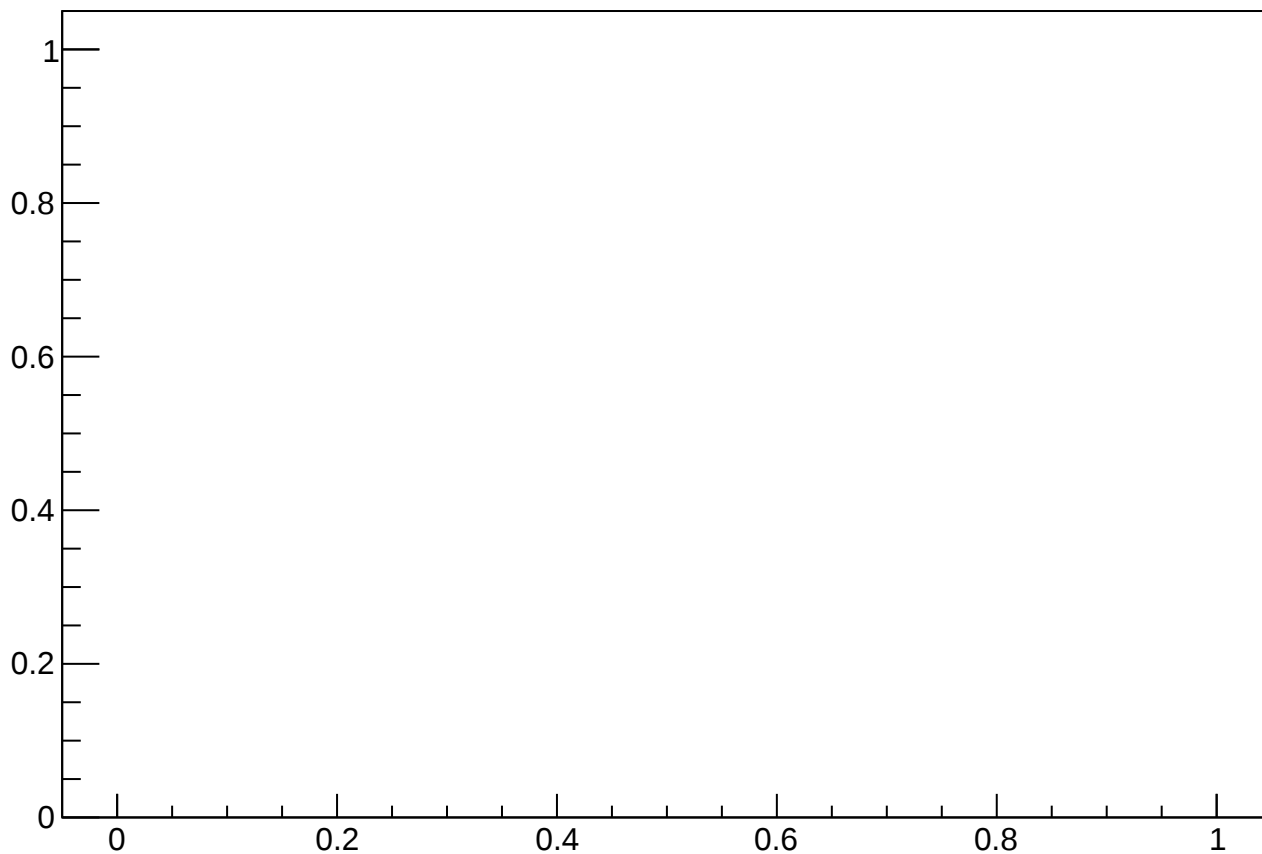
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

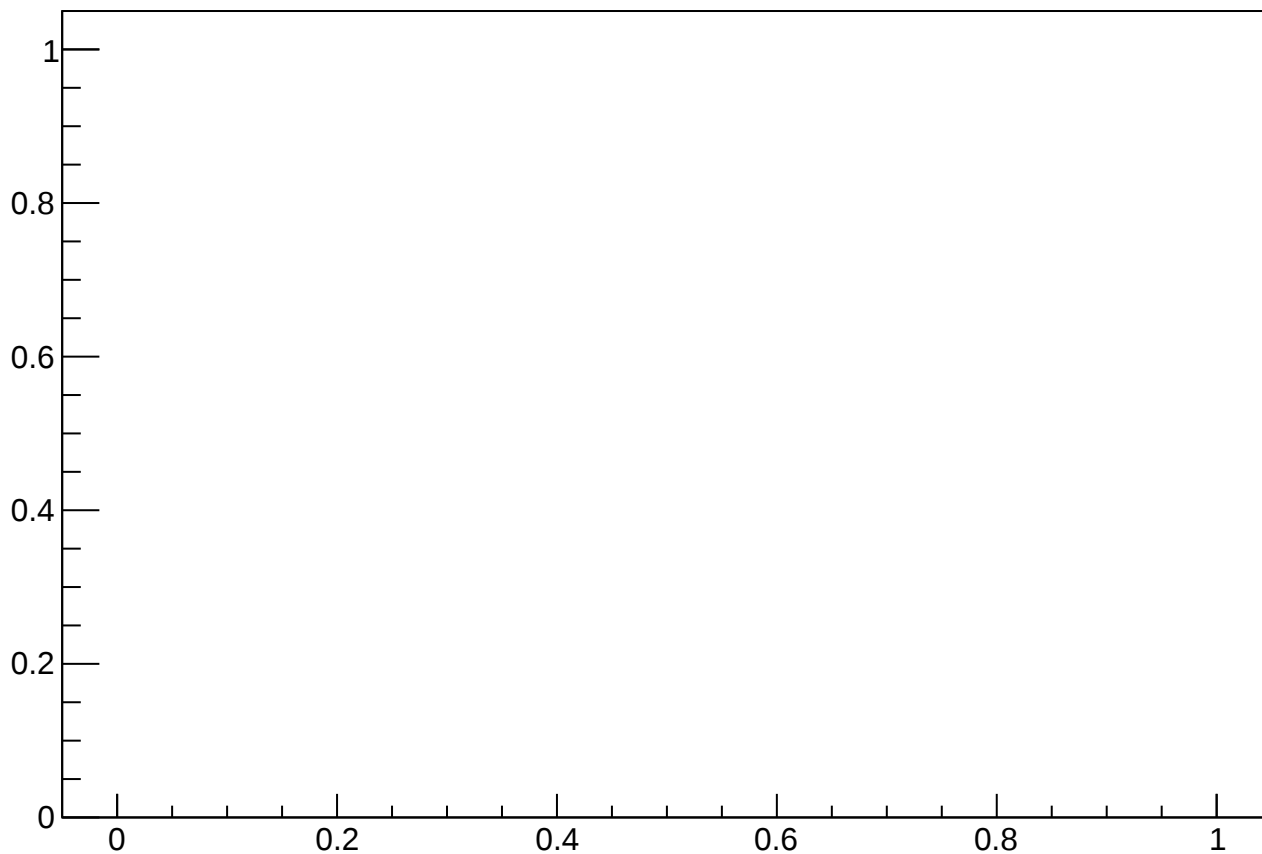
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_rms vs slug



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

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

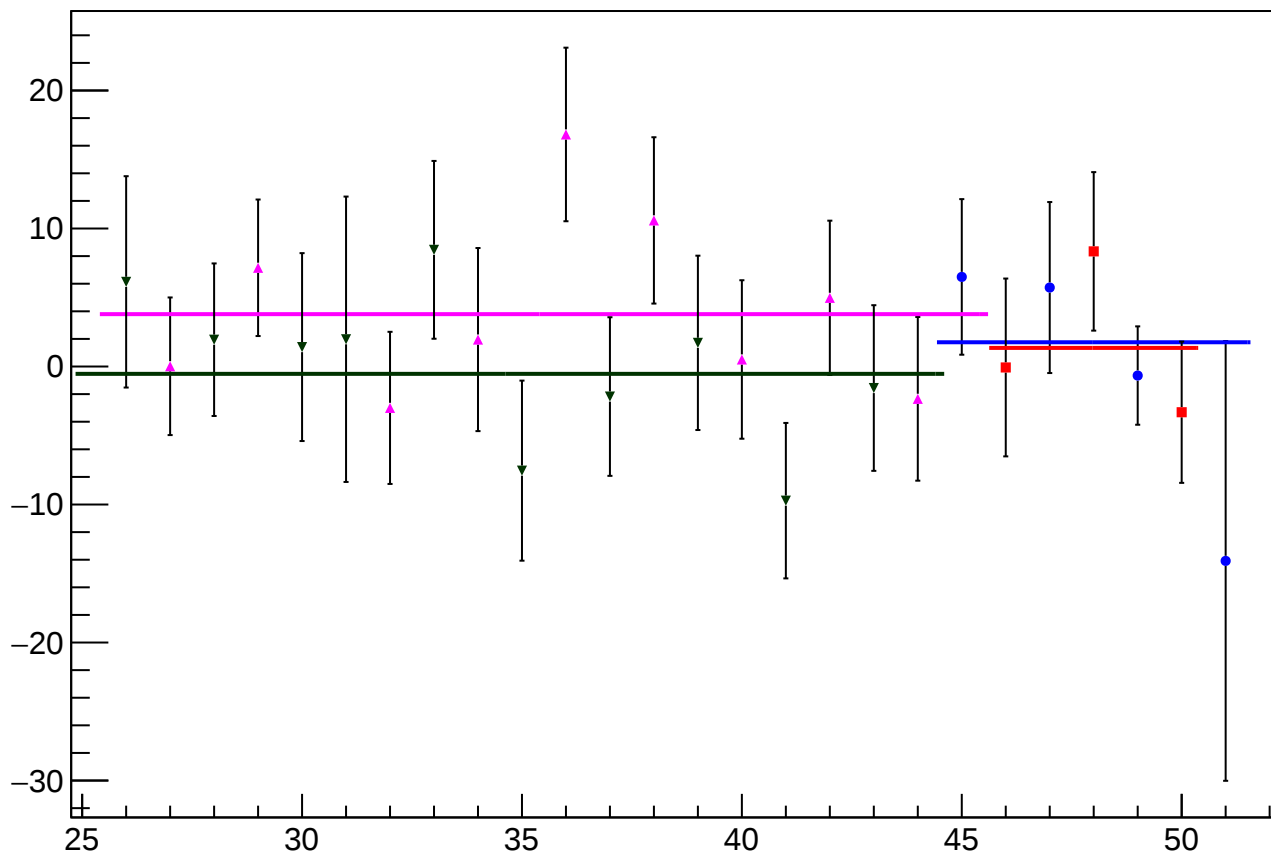
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 1.757 ± 2.671 χ^2/NDF : 2.6/3

Left Out: -0.532 ± 2.029 χ^2/NDF : 7.1/9

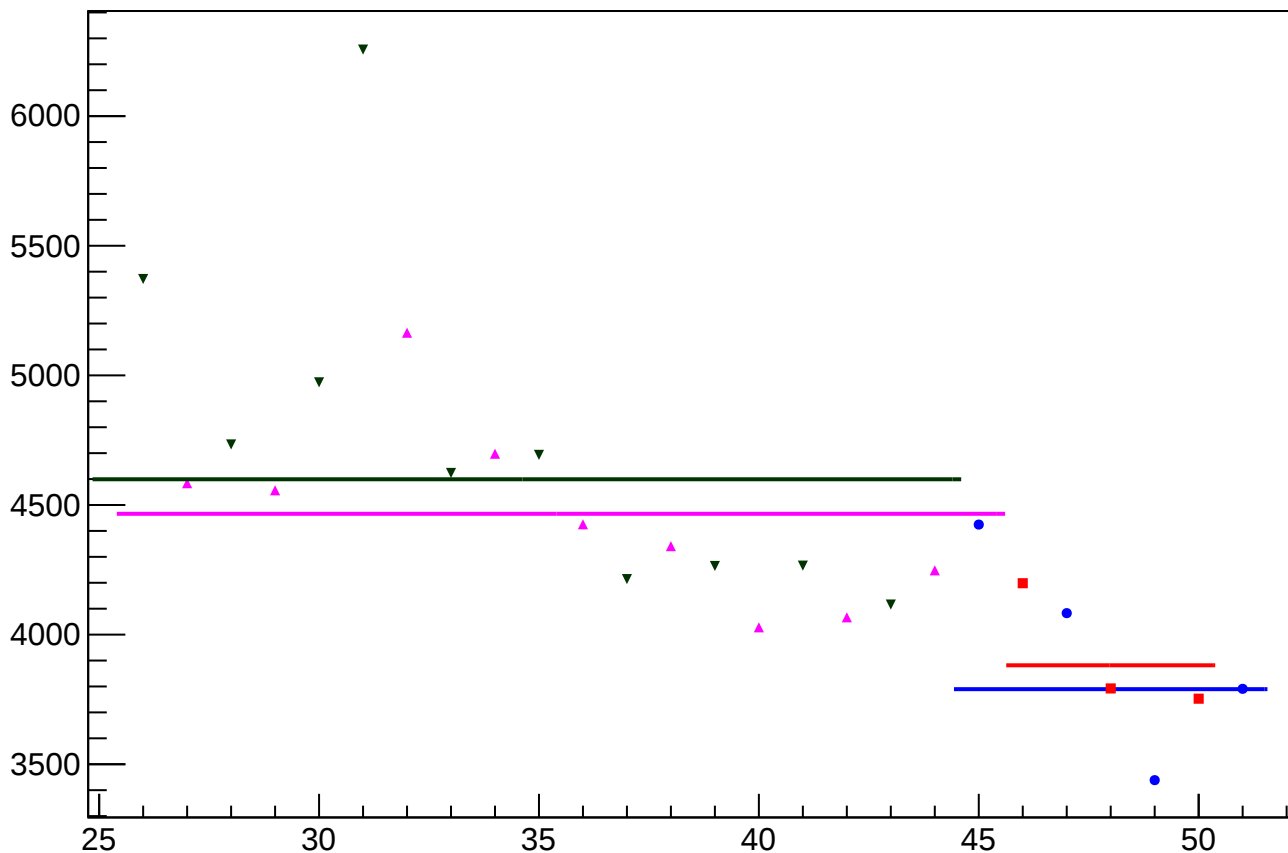
Right Out: 1.348 ± 3.286 χ^2/NDF : 2.4/2

Left In: 3.795 ± 1.889 χ^2/NDF : 9.6/8

0.306 ± 1.616 χ^2/NDF : 10.1/13

3.187 ± 1.638 χ^2/NDF : 12.4/11

diff_bpm16X_rms vs slug



Right In: 3789.604+/-1.889 χ^2/NDF : 49246.2/3

Left Out: 4599.203+/-1.435 χ^2/NDF : 113974.5/9

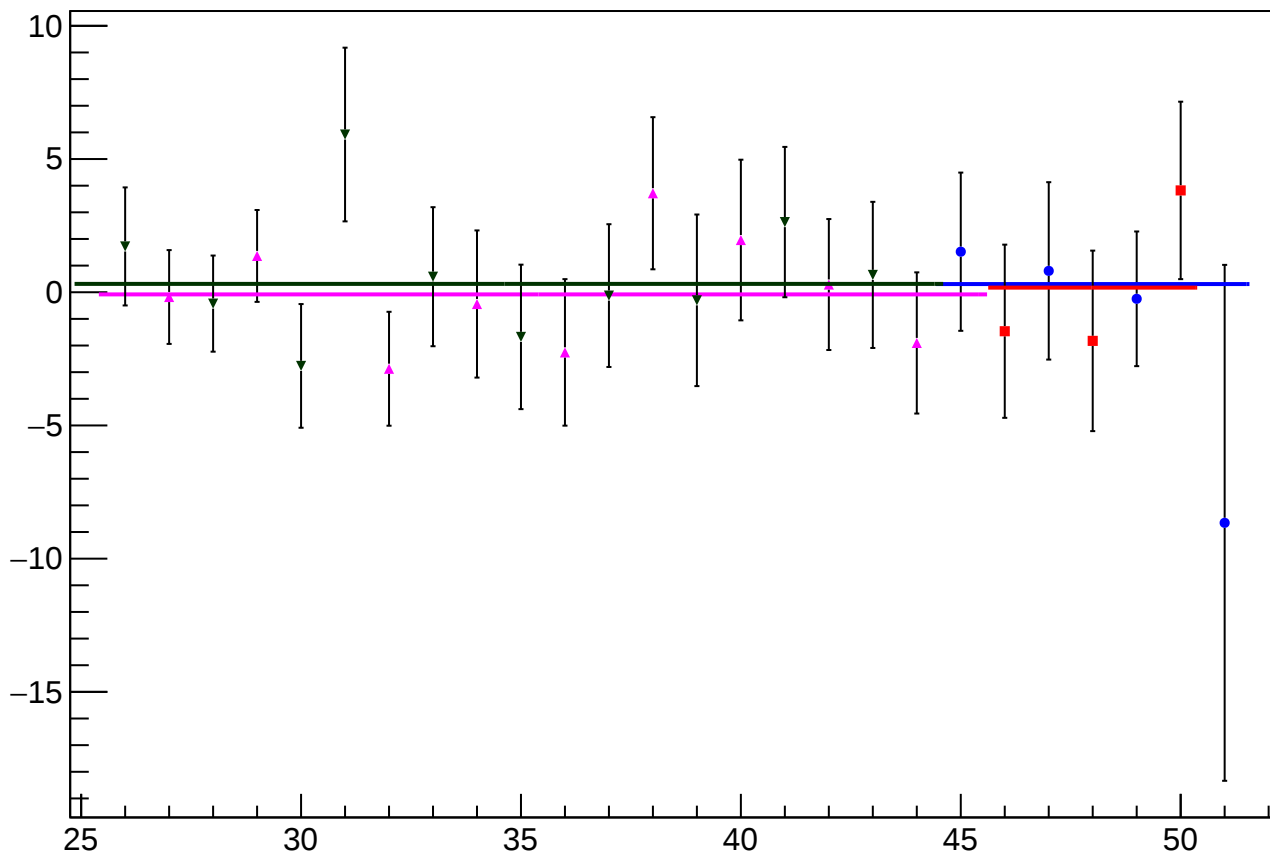
4302.985+/-1.142 χ^2/NDF : 279750.0/13

Right Out: 3881.683+/-2.324 χ^2/NDF : 6579.9/2

4320.978+/-1.158 χ^2/NDF : 115961.2/11

Left In: 4466.079+/-1.336 χ^2/NDF : 61840.0/8

diff_bpm16Y_mean vs slug



Right In: 0.307 ± 1.642 χ^2/NDF : 1.1/3

Left Out: 0.314 ± 0.799 χ^2/NDF : 6.6/9

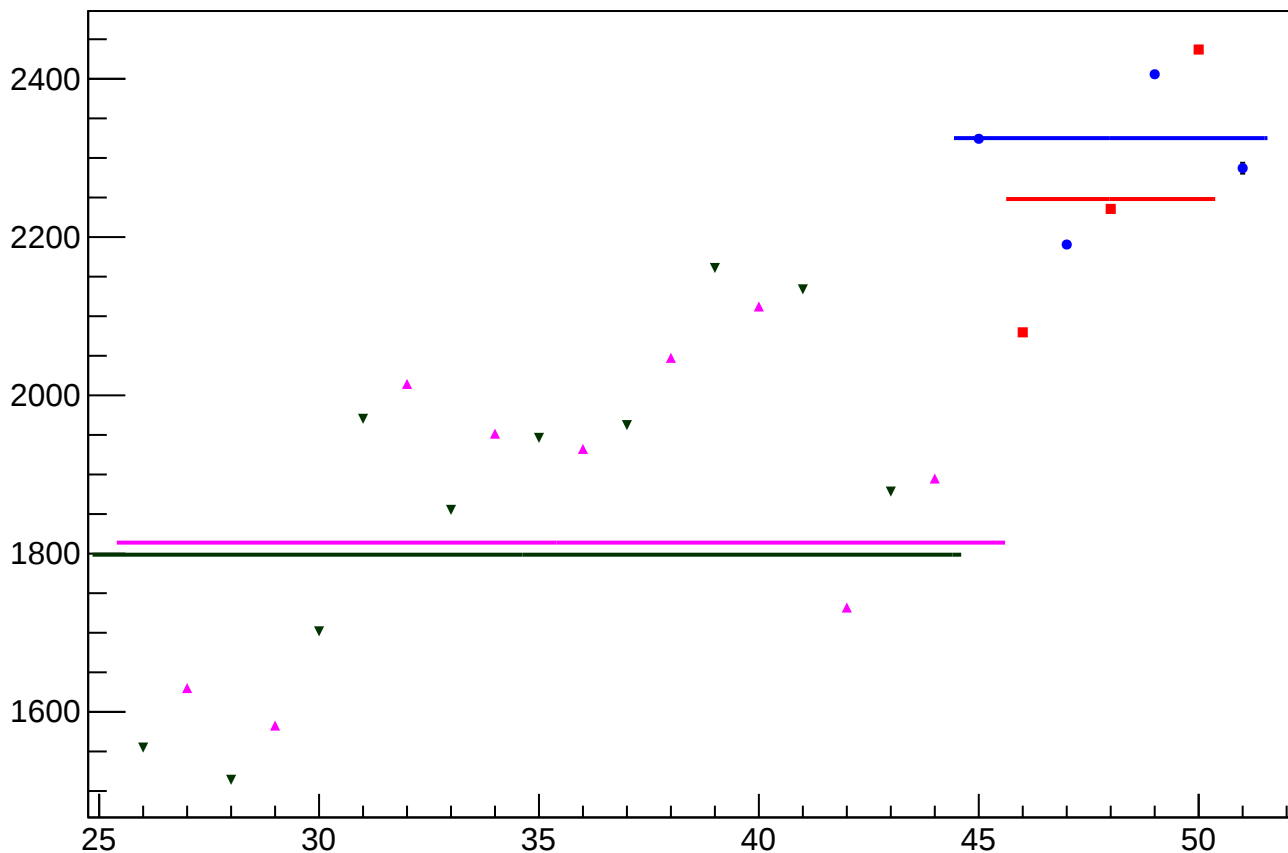
Right Out: 0.173 ± 1.918 χ^2/NDF : 1.8/2

Left In: -0.081 ± 0.771 χ^2/NDF : 5.8/8

0.312 ± 0.718 χ^2/NDF : 7.7/13

-0.045 ± 0.715 χ^2/NDF : 7.6/11

diff_bpm16Y_rms vs slug



Right In: 2325.065+/-1.161 χ^2/NDF : 5332.3/3

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

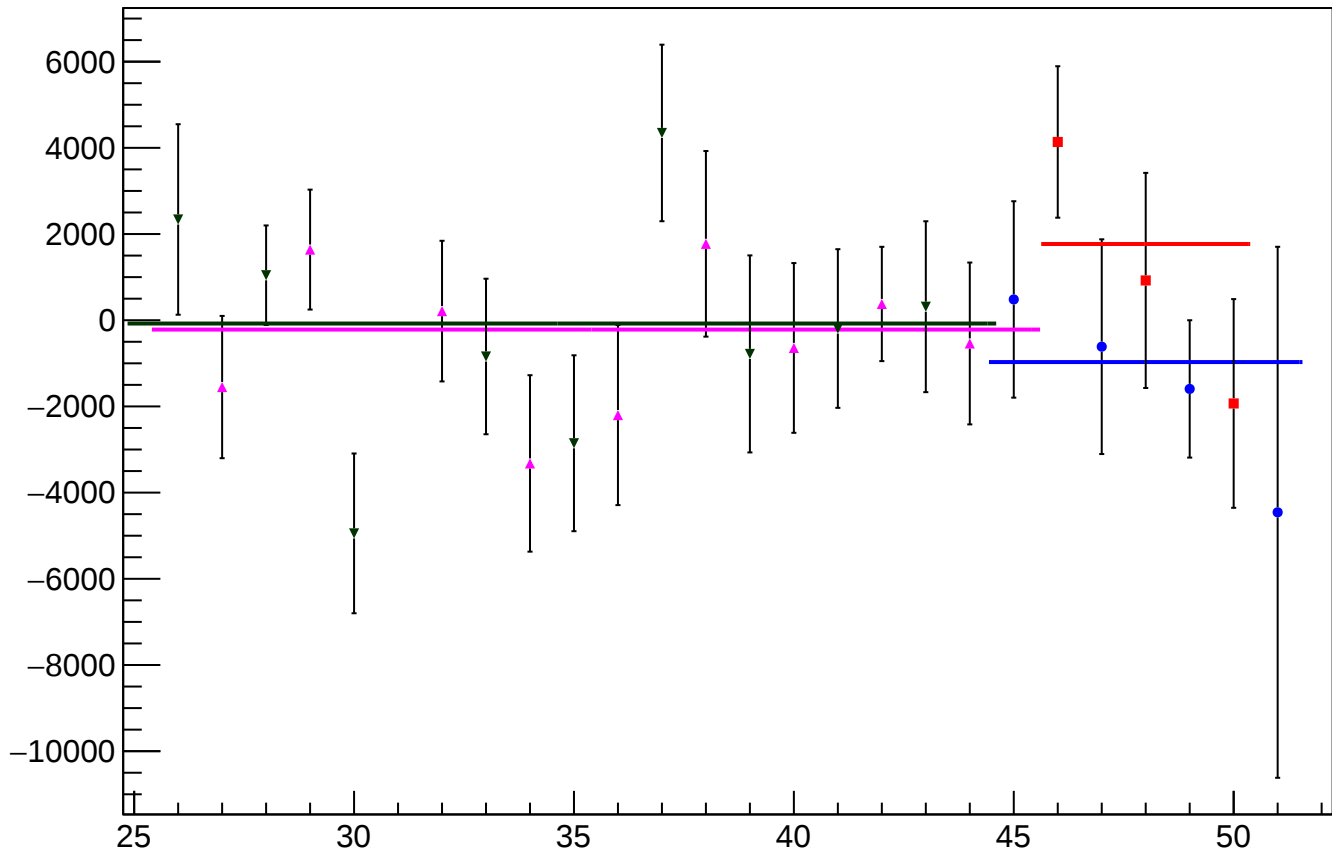
1899.340+/-0.508 χ^2/NDF : 324073.2/13

Right Out: 2248.096+/-1.356 χ^2/NDF : 11834.7/2

1874.354+/-0.506 χ^2/NDF : 221174.5/11

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

asym_sam1_mean vs slug



Right In: -970.636+/-1136.795 χ^2/NDF : 0.9/3

Left Out: -76.487+/-600.613 χ^2/NDF :15.9/8

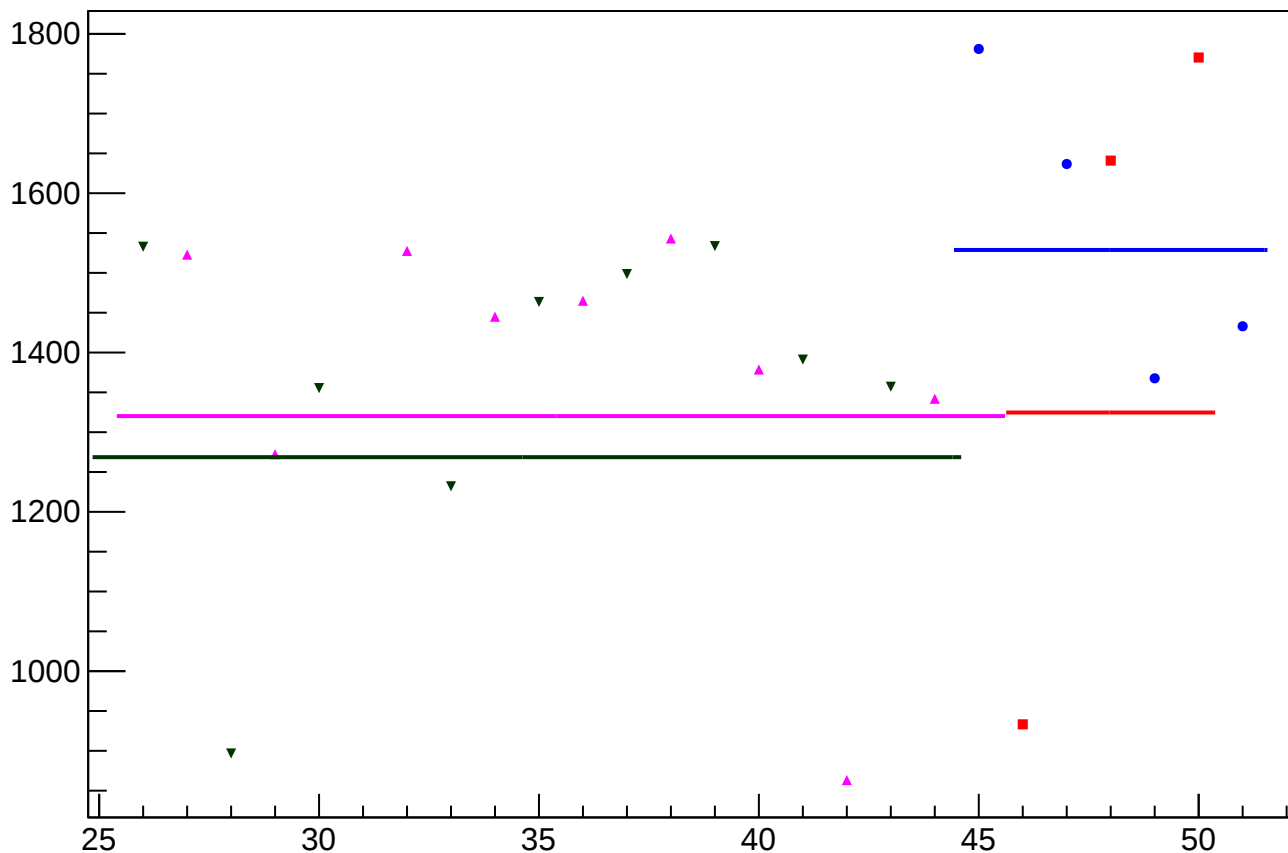
-271.614+/-531.050 χ^2/NDF : 17.3/12

Right Out: 1768.787+/-1235.640 χ^2/NDF : 4.3/2

133.924+/-519.340 χ^2/NDF : 13.2/11

Left In: -216.843+/-572.349 χ^2/NDF :6.8/8

asym_sam1_rms vs slug



Right In: 1528.761+/-0.804 χ^2/NDF : 49209.2/3

Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

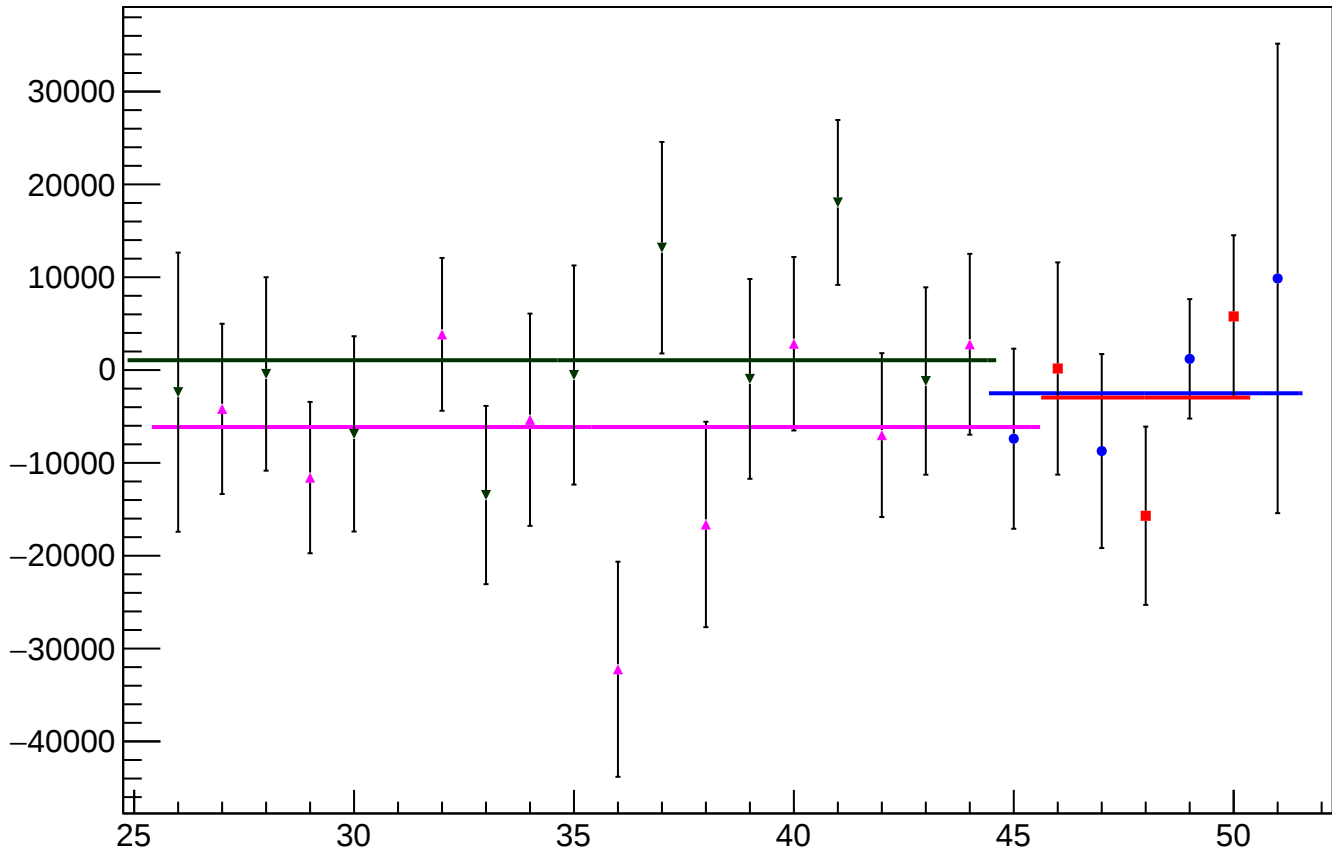
Right Out: 1324.698+/-0.874 χ^2/NDF : 199107.7/2

Left In: 1320.223+/-0.405 χ^2/NDF : 342759.8/8

1325.419+/-0.376 χ^2/NDF : 455462.2/12

1321.013+/-0.367 χ^2/NDF : 541889.1/11

asym_sam2_mean vs slug



Right In: -2500.582 $\pm$ 4686.765 χ^2 /NDF: 1.2/3

Left Out: 1060.376 $\pm$ 3545.636 χ^2 /NDF: 7.8/8

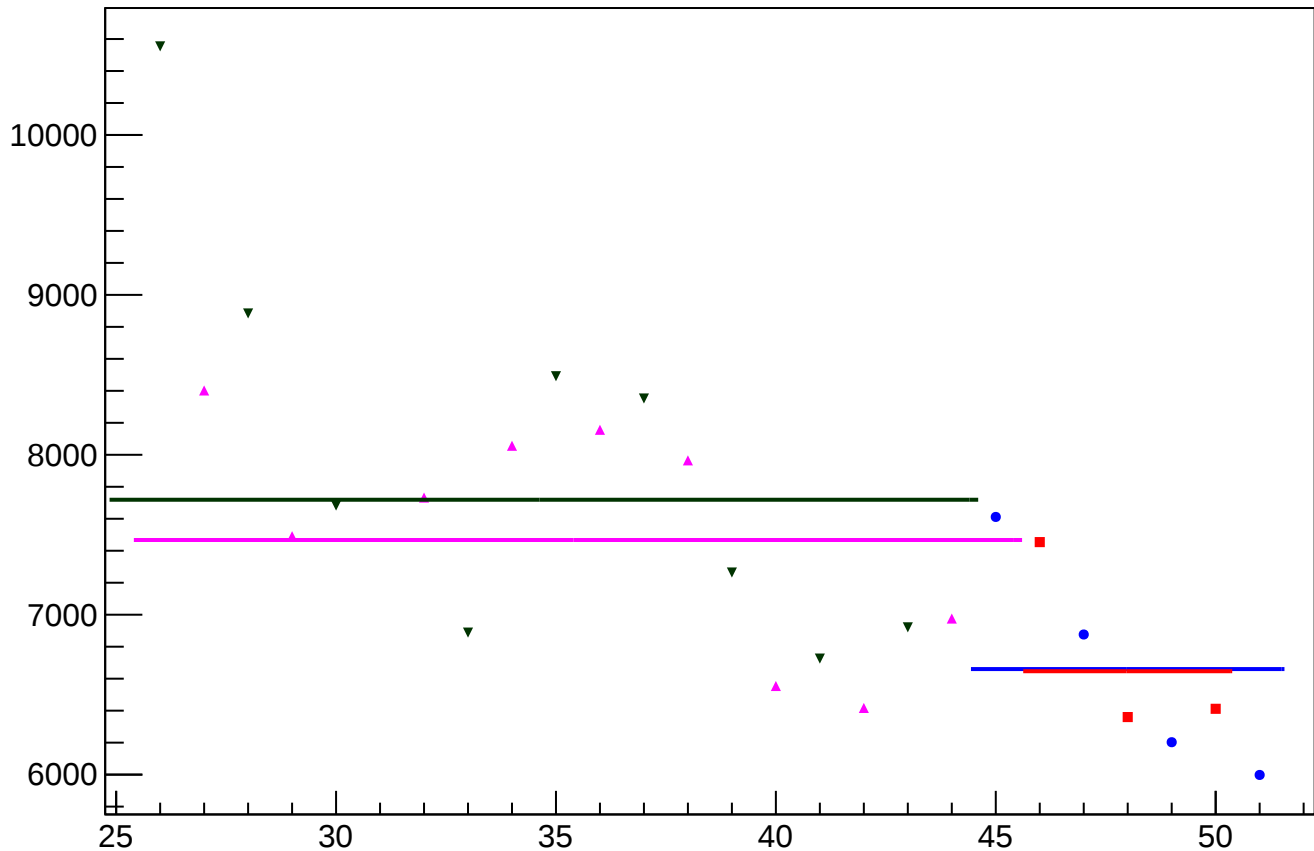
-235.809 $\pm$ 2827.634 χ^2 /NDF: 9.4/12

Right Out: -2956.952 $\pm$ 5627.552 χ^2 /NDF: 2.8/2

-5372.109 $\pm$ 2758.759 χ^2 /NDF: 12.8/11

Left In: -6136.125 $\pm$ 3165.179 χ^2 /NDF: 9.7/8

asym_sam2_rms vs slug



Right In: 6660.061+/-3.314 χ^2/NDF : 31580.0/3

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

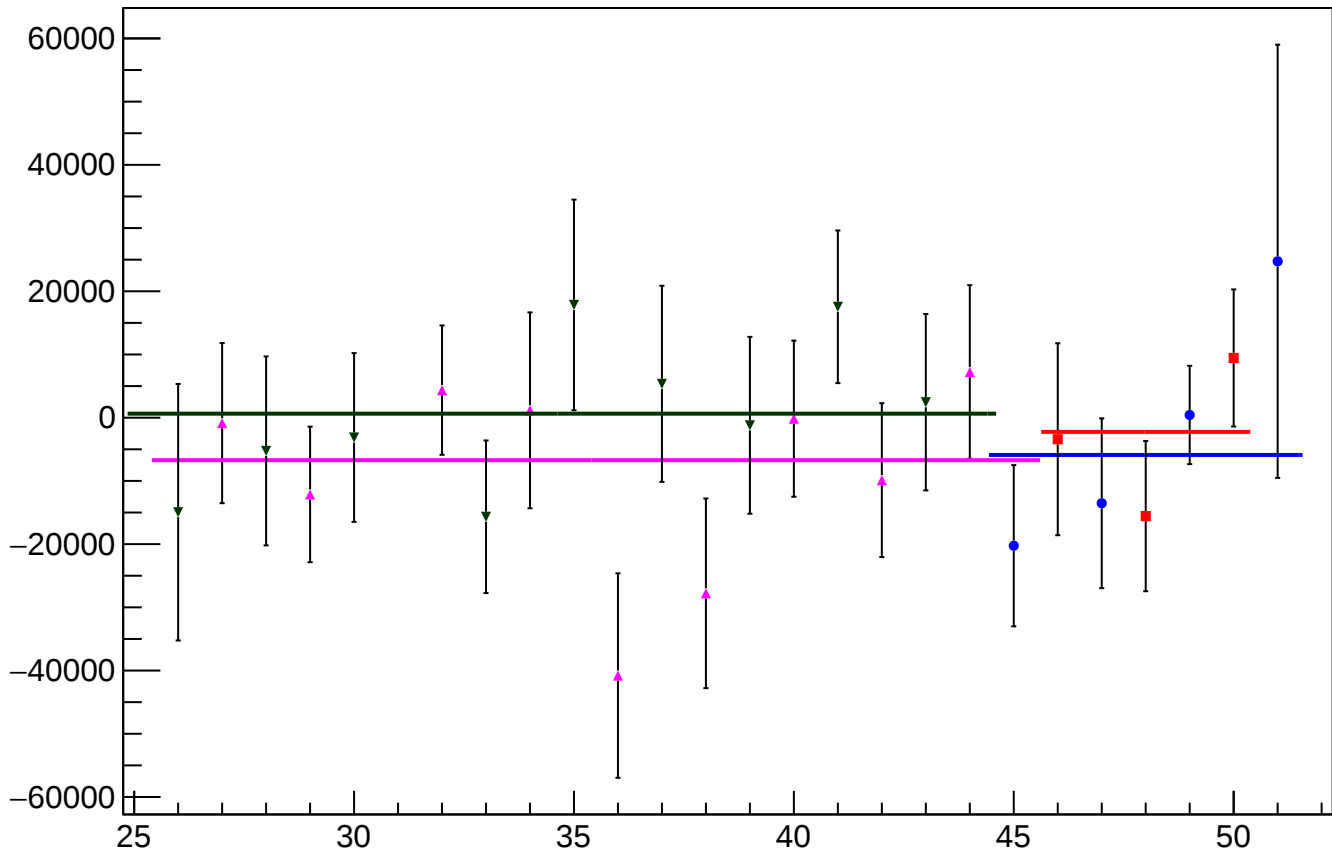
Right Out: 6646.535+/-3.979 χ^2/NDF : 13205.7/2

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7333.490+/-1.999 χ^2/NDF : 263489.8/12

7269.970+/-1.951 χ^2/NDF : 137364.7/11

asym_sam3_mean vs slug



Right In: -5892.419 $\pm$ 5863.593 χ^2/NDF : 3.1/3

Left Out: 639.789 $\pm$ 4753.910 χ^2/NDF : 5.8/8

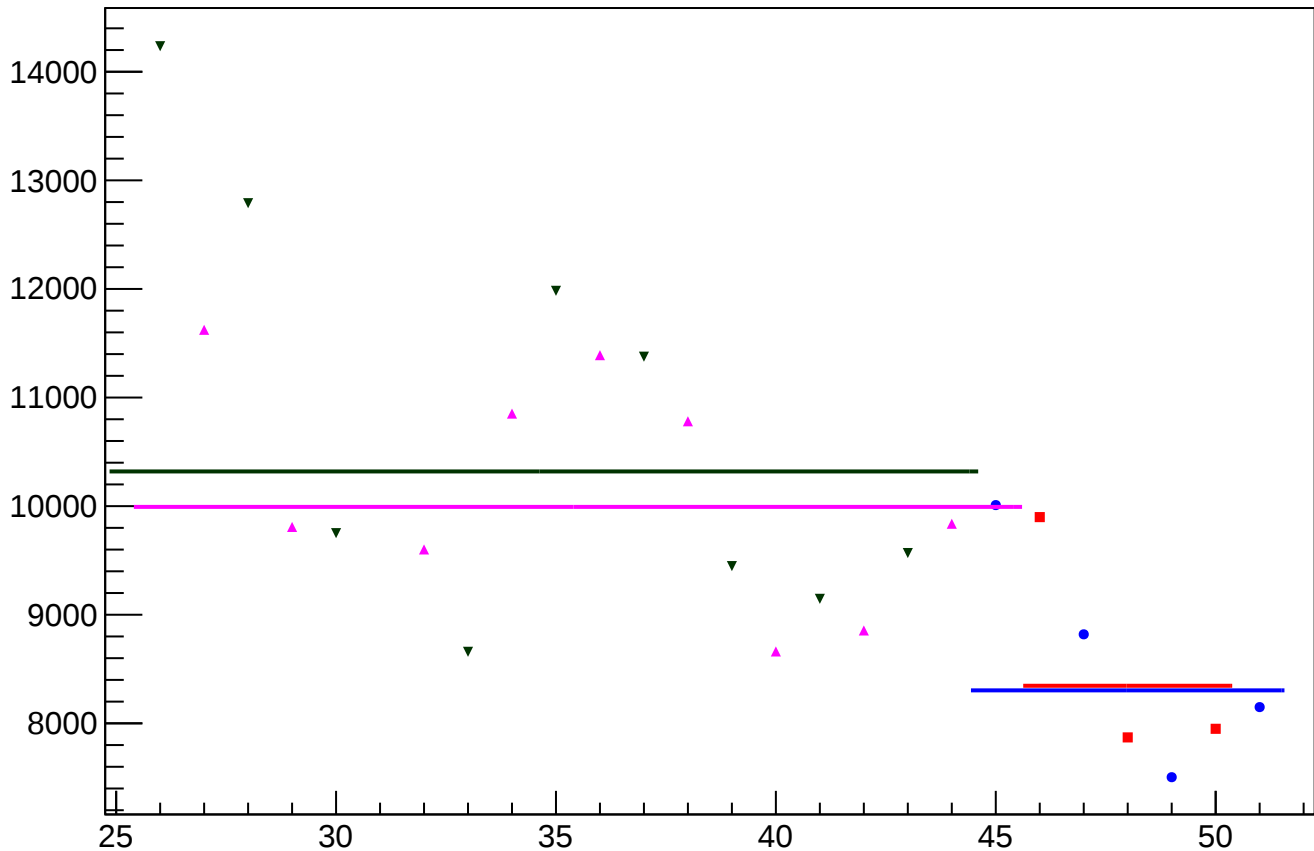
-1950.981 $\pm$ 3692.736 χ^2/NDF : 9.6/12

Right Out: -2239.762 $\pm$ 7084.026 χ^2/NDF : 2.4/2

Left In: -6721.702 $\pm$ 4244.047 χ^2/NDF : 9.7/8

-5537.920 $\pm$ 3640.684 χ^2/NDF : 12.4/11

asym_sam3_rms vs slug



Right In: 8303.604+/-4.146 χ^2/NDF : 59939.7/3

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

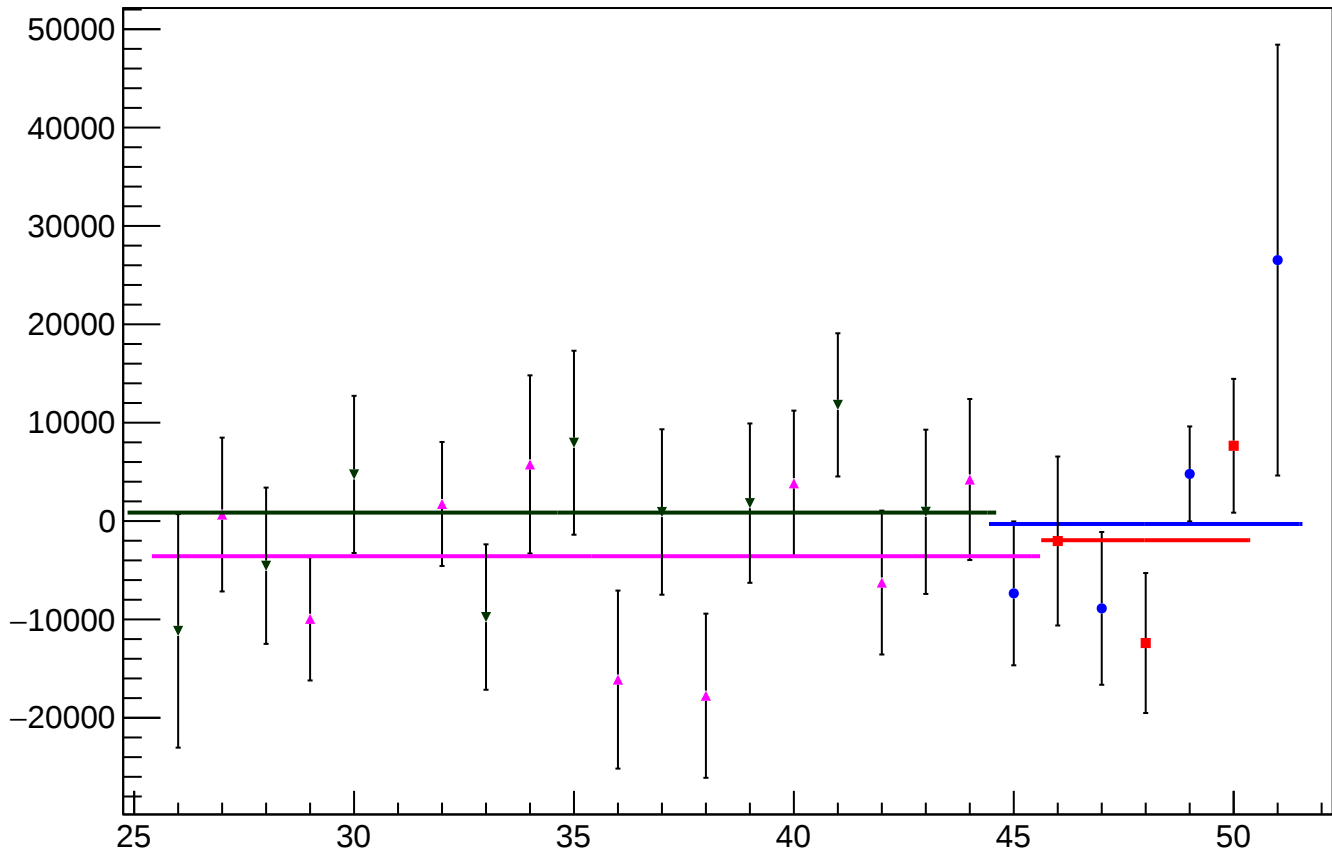
Right Out: 8346.001+/-5.009 χ^2/NDF : 26804.8/2

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

9519.981+/-2.611 χ^2/NDF : 434852.9/12

9558.075+/-2.574 χ^2/NDF : 210581.4/11

asym_sam4_mean vs slug



Right In: -297.955+/-3529.864 χ^2/NDF : 4.8/3

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

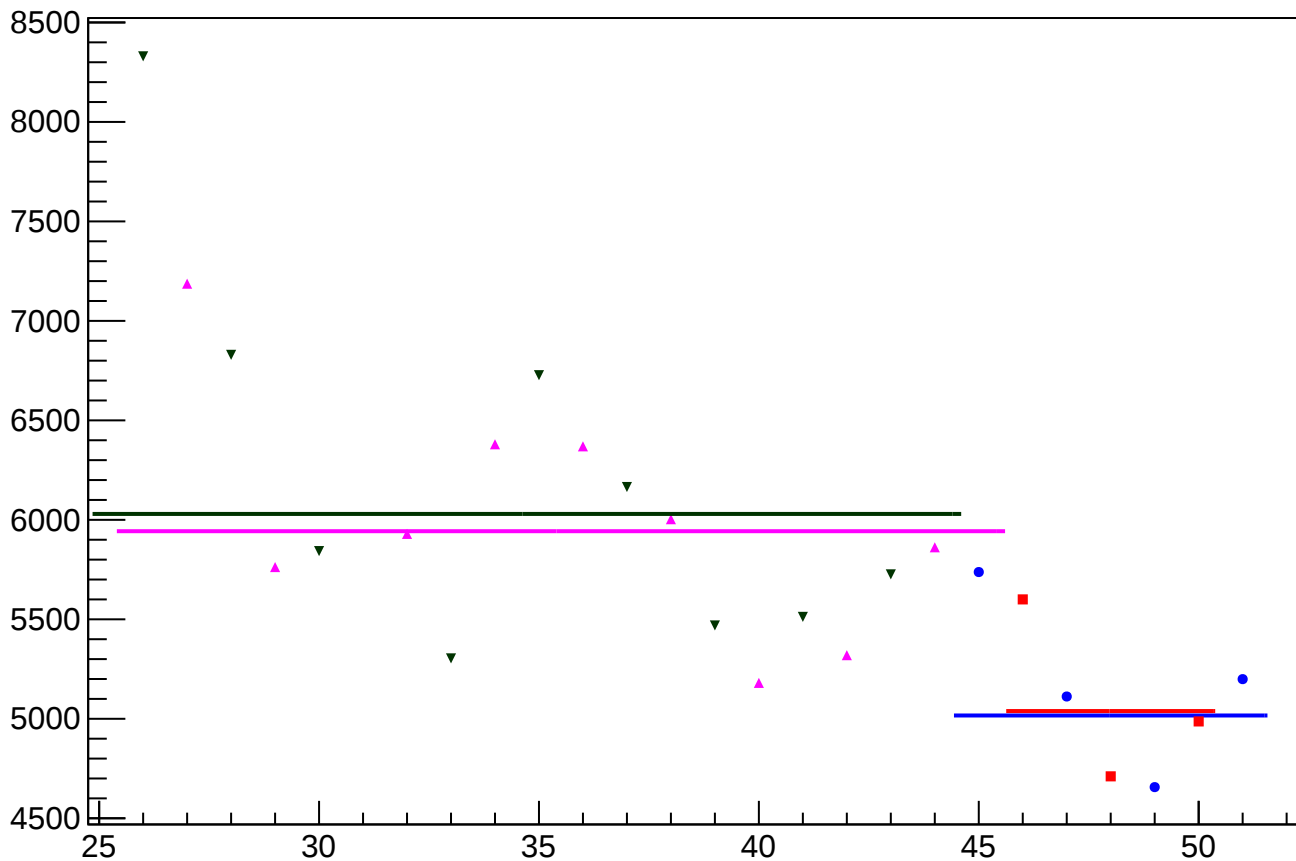
Right Out: -1947.769+/-4266.567 χ^2/NDF : 4.2/2

Left In: -3574.359+/-2517.724 χ^2/NDF : 10.0/8

420.201+/-2175.787 χ^2/NDF : 11.5/12

-3154.237+/-2168.338 χ^2/NDF : 14.2/11

asym_sam4_rms vs slug



Right In: 5016.639+/-2.496 χ^2/NDF : 31002.5/3

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

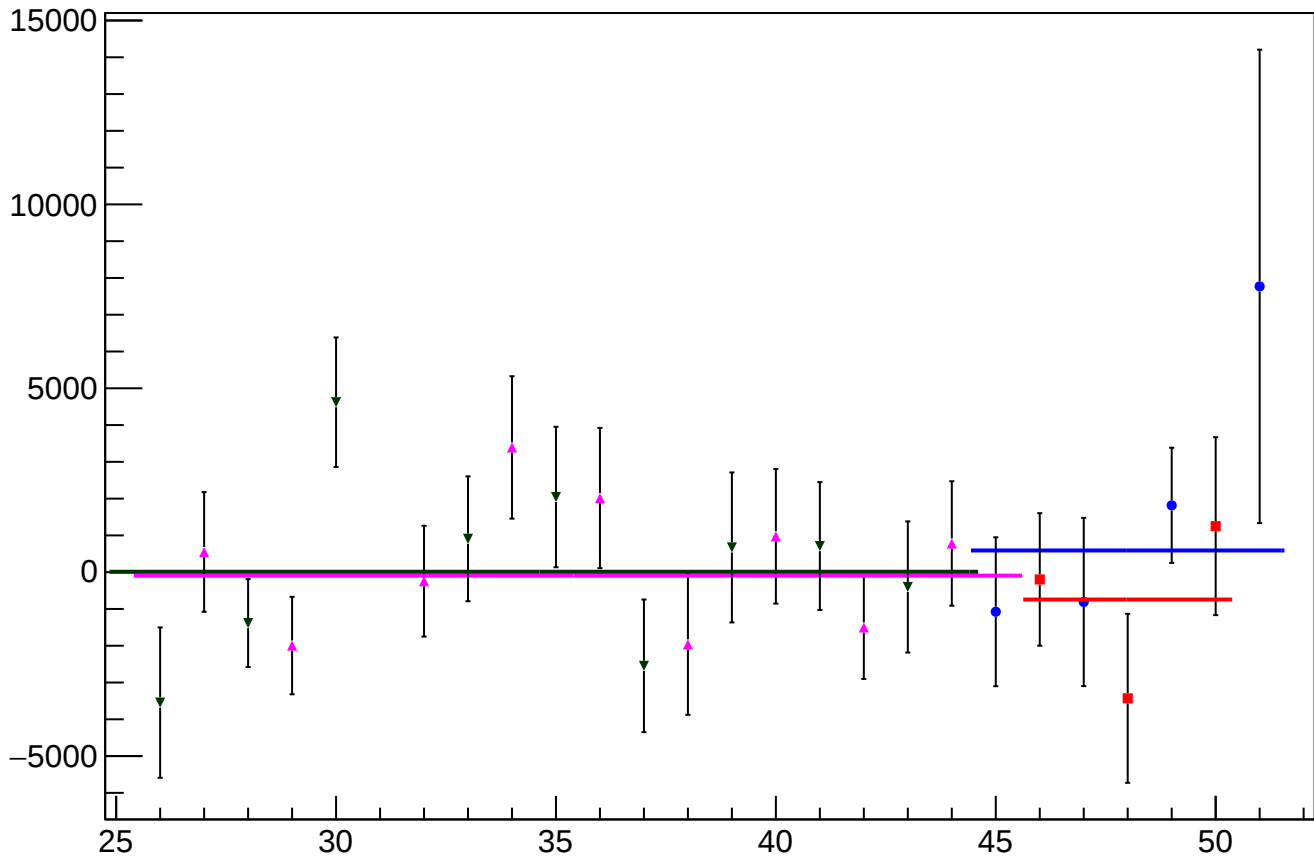
Right Out: 5038.918+/-3.017 χ^2/NDF : 12913.6/2

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5644.798+/-1.539 χ^2/NDF : 282887.3/12

5709.404+/-1.533 χ^2/NDF : 177058.7/11

asym_sam5_mean vs slug



Right In: 590.735+/-1073.310 χ^2/NDF : 2.9/3

Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

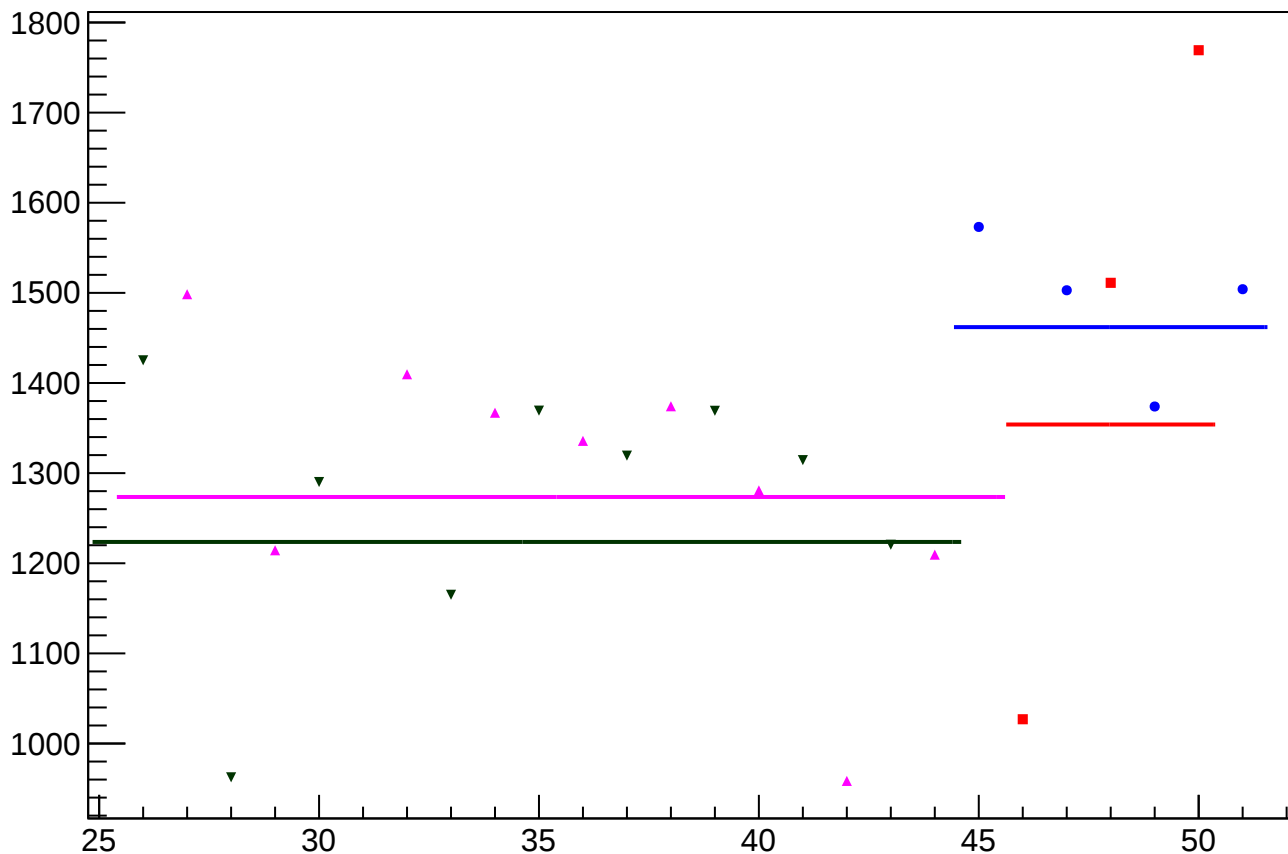
Right Out: -743.303+/-1223.083 χ^2/NDF : 2.1/2

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

138.913+/-503.539 χ^2/NDF : 18.1/12

-201.701+/-498.221 χ^2/NDF : 11.6/11

asym_sam5_rms vs slug



Right In: 1462.002+/-0.759 χ^2/NDF : 13098.1/3

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

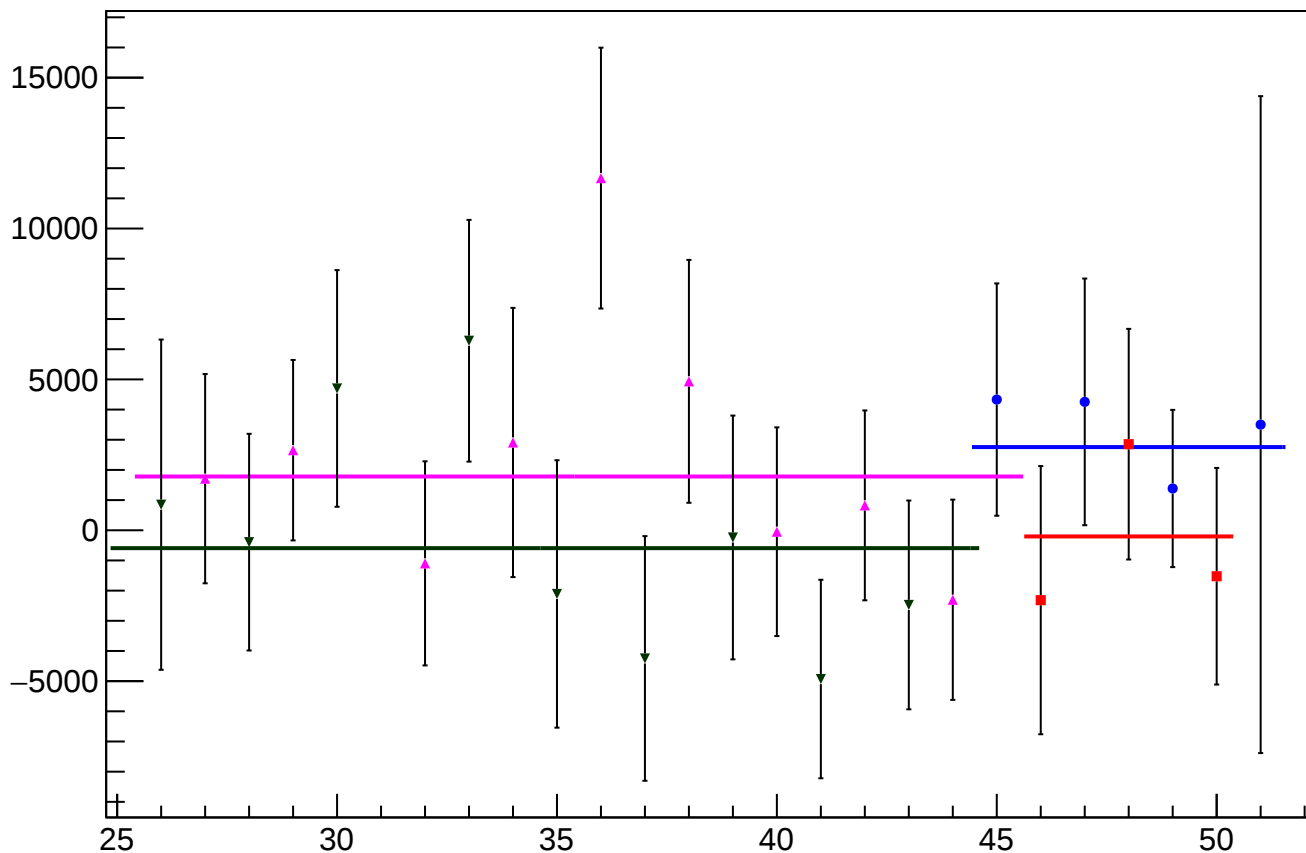
Right Out: 1353.955+/-0.865 χ^2/NDF : 134194.8/2

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1276.117+/-0.356 χ^2/NDF : 243053.0/12

1286.884+/-0.352 χ^2/NDF : 316397.7/11

asym_sam6_mean vs slug



Right In: 2756.959+/-1879.482 χ^2/NDF : 0.6/3

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

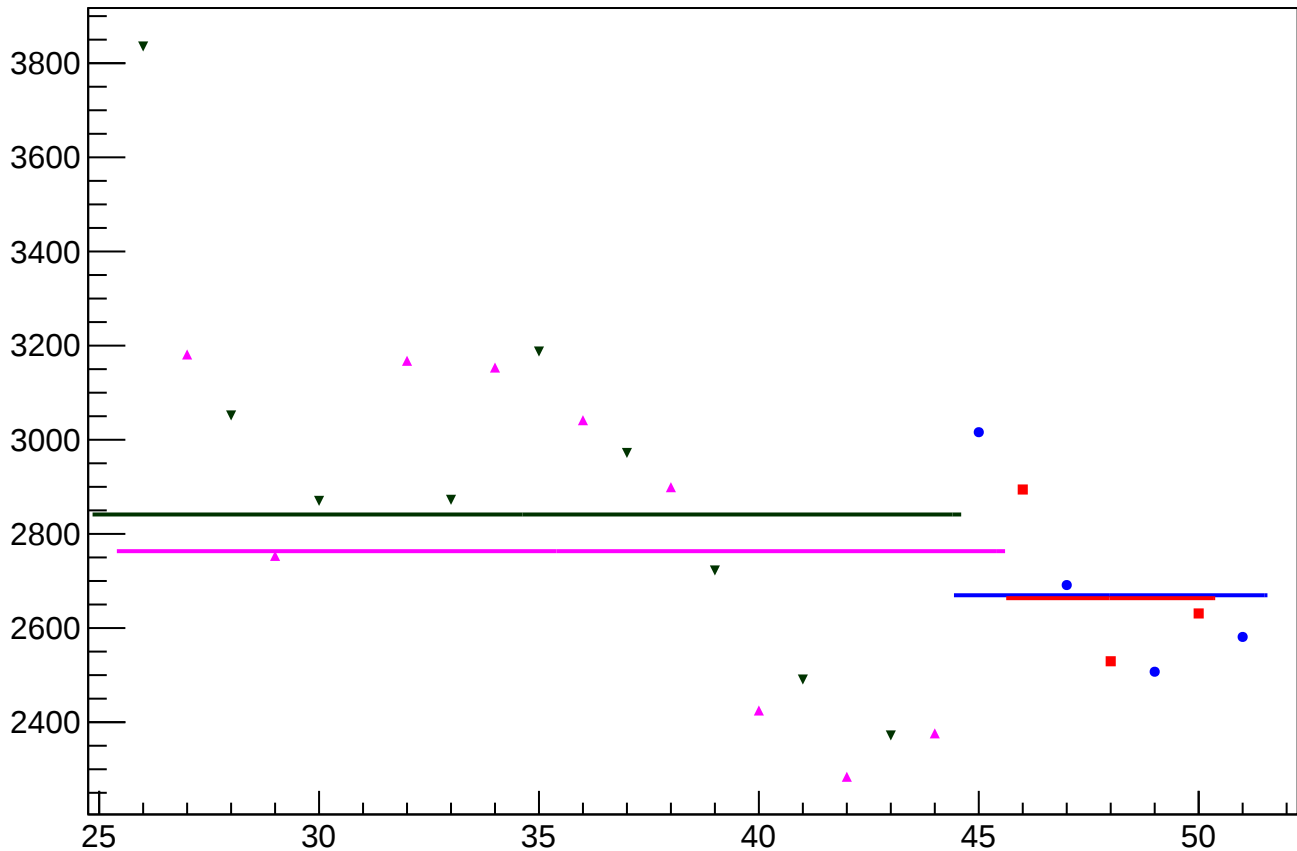
Right Out: -204.389+/-2254.605 χ^2/NDF : 1.0/2

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

496.717+/-1071.800 χ^2/NDF : 10.5/12

1357.338+/-1042.482 χ^2/NDF : 10.2/11

asym_sam6_rms vs slug



Right In: 2669.663+/-1.329 χ^2/NDF : 24159.5/3

Left Out: 2841.264+/-0.923 χ^2/NDF : 148700.6/8

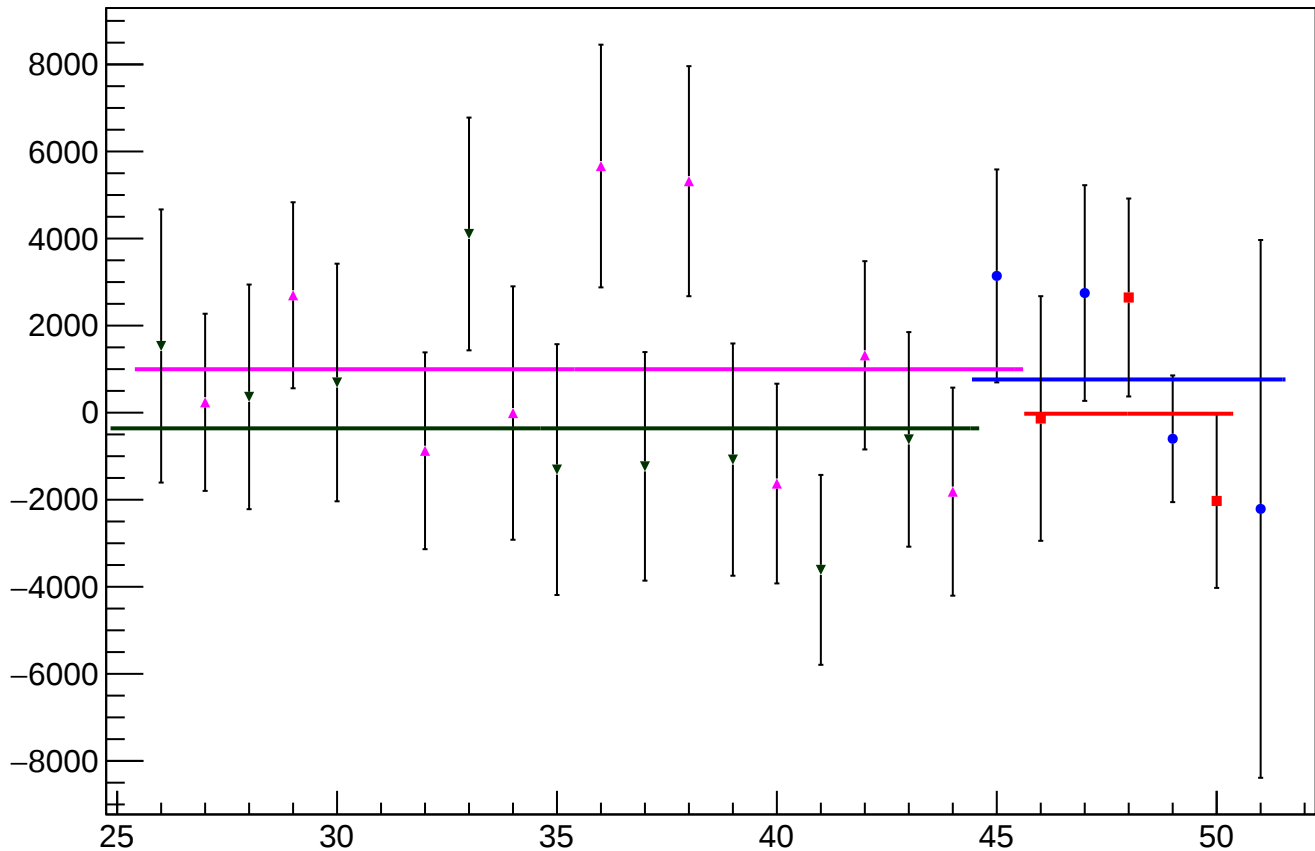
2785.459+/-0.758 χ^2/NDF : 184110.5/12

Right Out: 2663.450+/-1.594 χ^2/NDF : 8021.2/2

2741.978+/-0.737 χ^2/NDF : 187413.1/11

Left In: 2763.332+/-0.831 χ^2/NDF : 176305.8/8

asym_sam7_mean vs slug



Right In: 762.785 ± 1098.688 χ^2/NDF : 2.7/3

Left Out: -360.260 ± 874.765 χ^2/NDF : 5.9/8

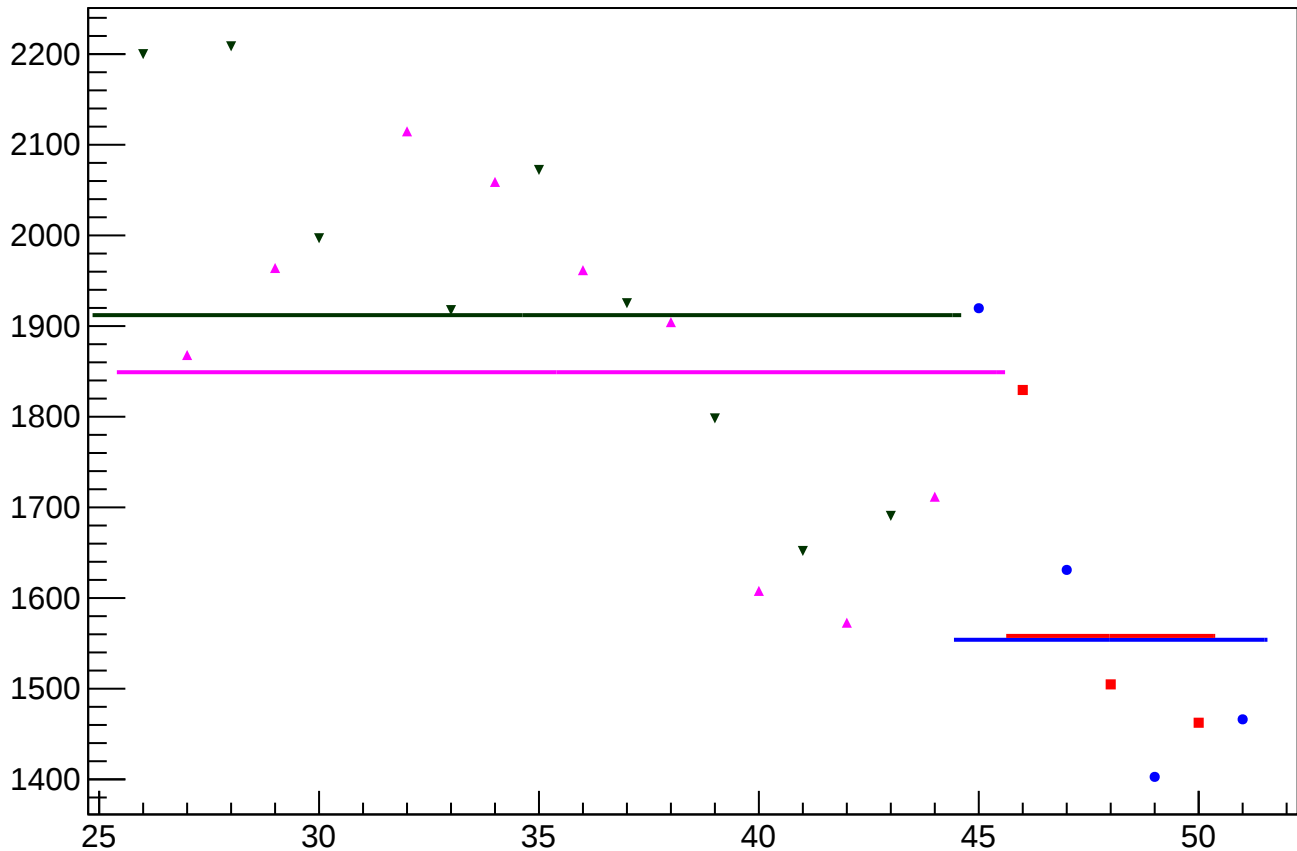
Right Out: -24.184 ± 1323.532 χ^2/NDF : 2.4/2

Left In: 997.468 ± 784.441 χ^2/NDF : 9.8/8

75.453 ± 684.346 χ^2/NDF : 9.2/12

731.879 ± 674.820 χ^2/NDF : 12.6/11

asym_sam7_rms vs slug



Right In: 1553.969+/-0.777 χ^2/NDF : 68651.2/3

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

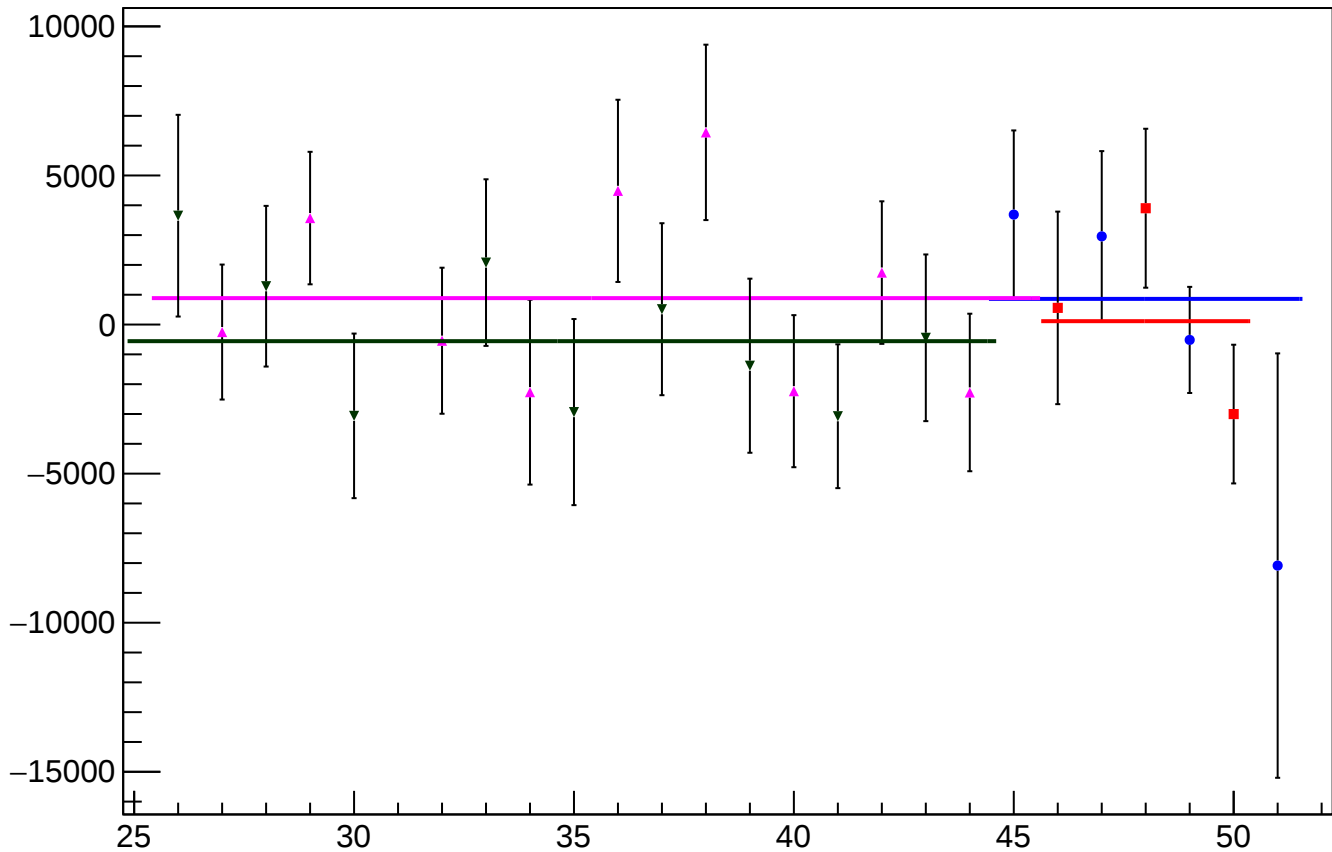
Right Out: 1558.240+/-0.936 χ^2/NDF : 24348.4/2

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1773.131+/-0.484 χ^2/NDF : 298344.5/12

1773.487+/-0.477 χ^2/NDF : 205328.4/11

asym_sam8_mean vs slug



Right In: 860.774 $\pm$ 1309.251 χ^2 /NDF: 3.7/3

Left Out: -557.273 $\pm$ 942.969 χ^2 /NDF: 5.6/8

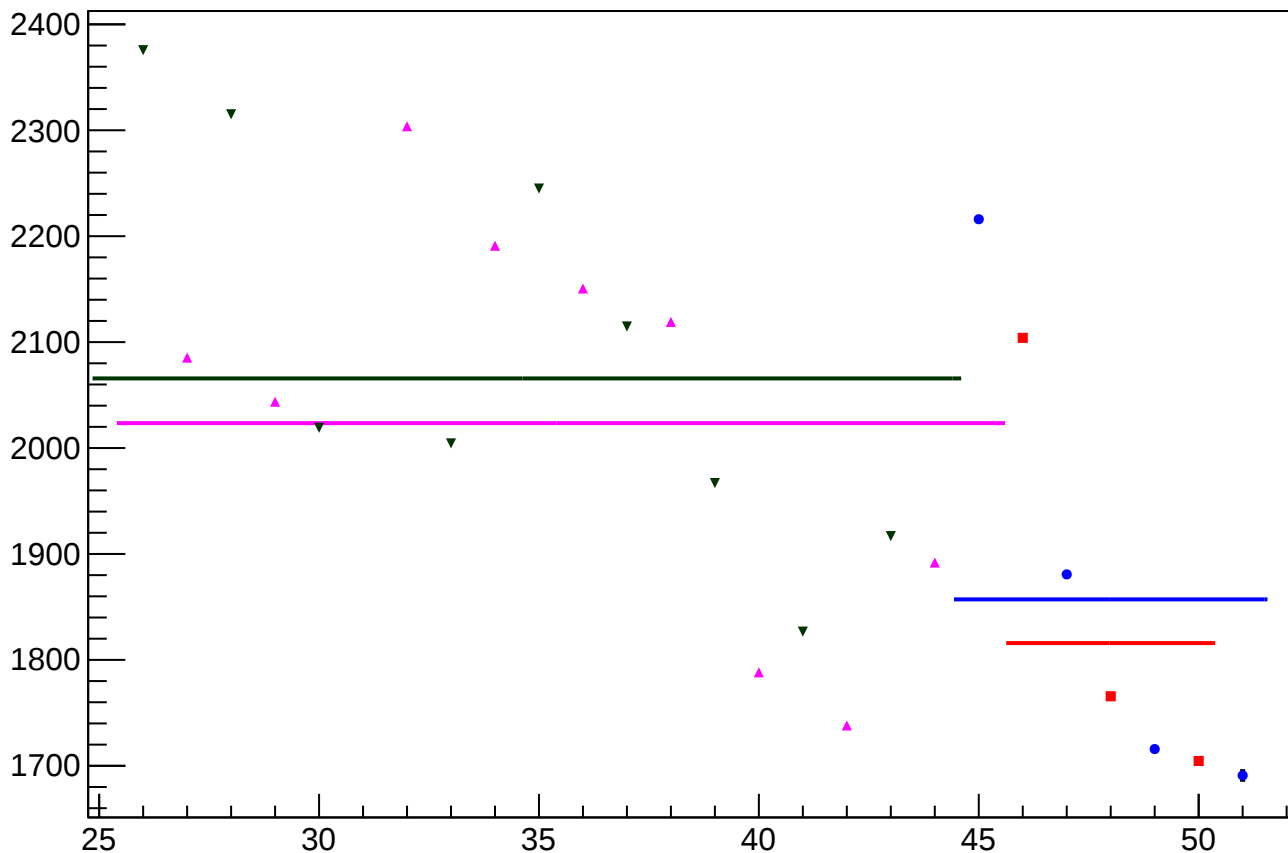
Right Out: 113.153 $\pm$ 1540.283 χ^2 /NDF: 3.8/2

Left In: 886.158 $\pm$ 856.437 χ^2 /NDF: 11.1/8

-72.927 $\pm$ 765.166 χ^2 /NDF: 10.1/12

703.610 $\pm$ 748.511 χ^2 /NDF: 15.1/11

asym_sam8_rms vs slug



Right In: 1857.129+/-0.926 χ^2/NDF : 46160.1/3

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

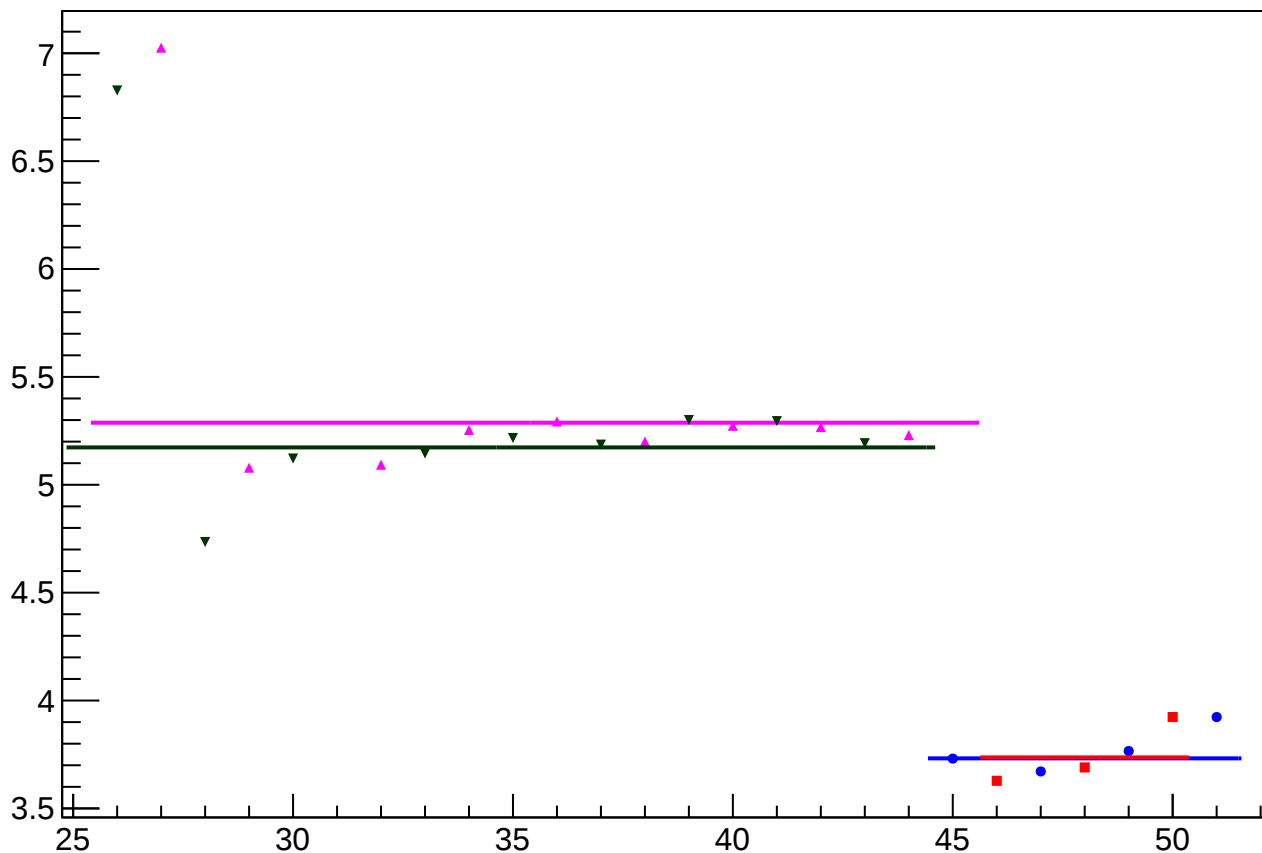
Right Out: 1815.868+/-1.089 χ^2/NDF : 21215.0/2

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1994.480+/-0.541 χ^2/NDF : 149821.8/12

1974.481+/-0.529 χ^2/NDF : 138756.0/11

yield_sam1_mean vs slug



Right In: 3.732 $\pm$ 0.000 χ^2 /NDF: 16367834.9/3

Left Out: 5.173 $\pm$ 0.000 χ^2 /NDF:2171929405.9/8

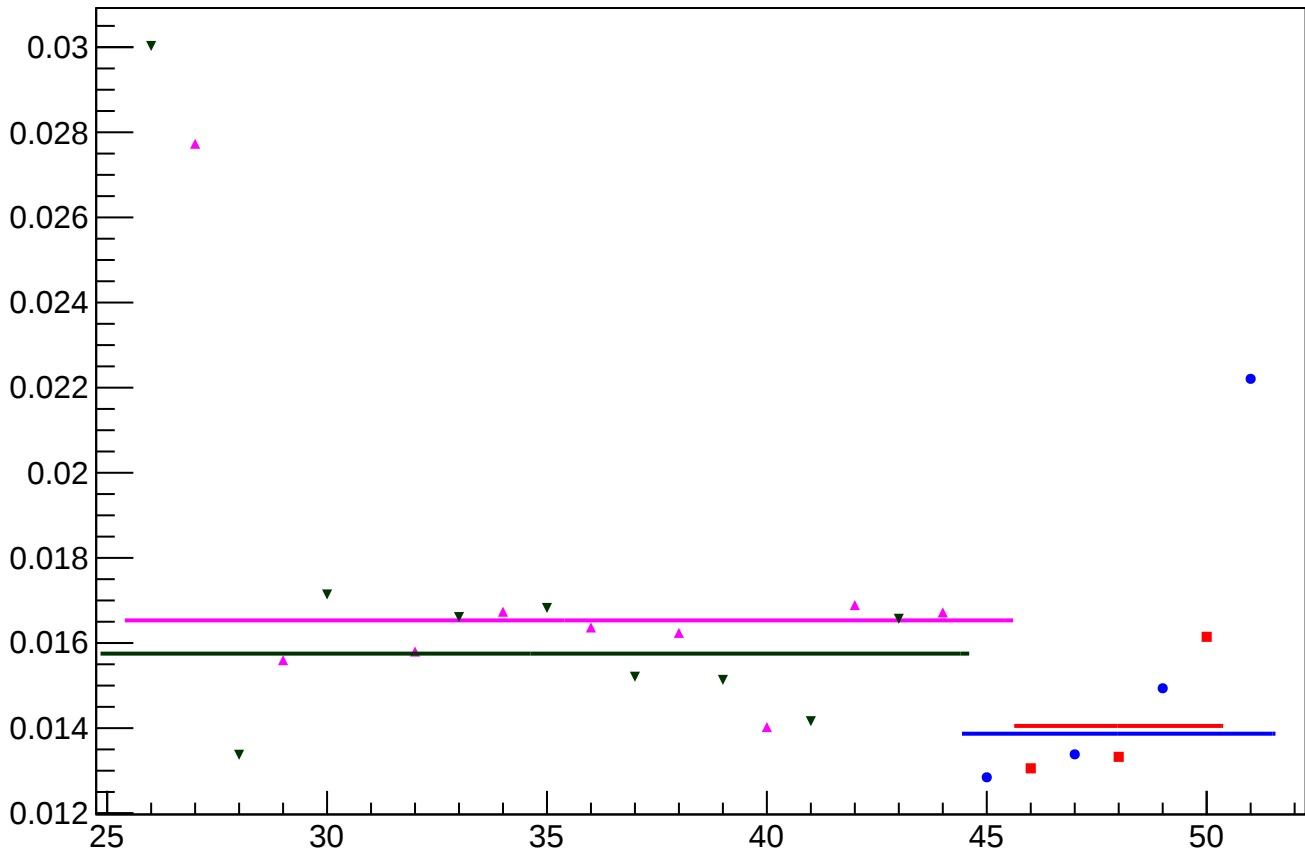
Right Out: 3.736 $\pm$ 0.000 χ^2 /NDF: 99293714.8/2

Left In: 5.287 $\pm$ 0.000 χ^2 /NDF:3281292278.3/8

4.665 $\pm$ 0.000 χ^2 /NDF: 15210505292.4/12

4.889 $\pm$ 0.000 χ^2 /NDF: 15167205352.4/11

yield_sam1_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 30596.9/3

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

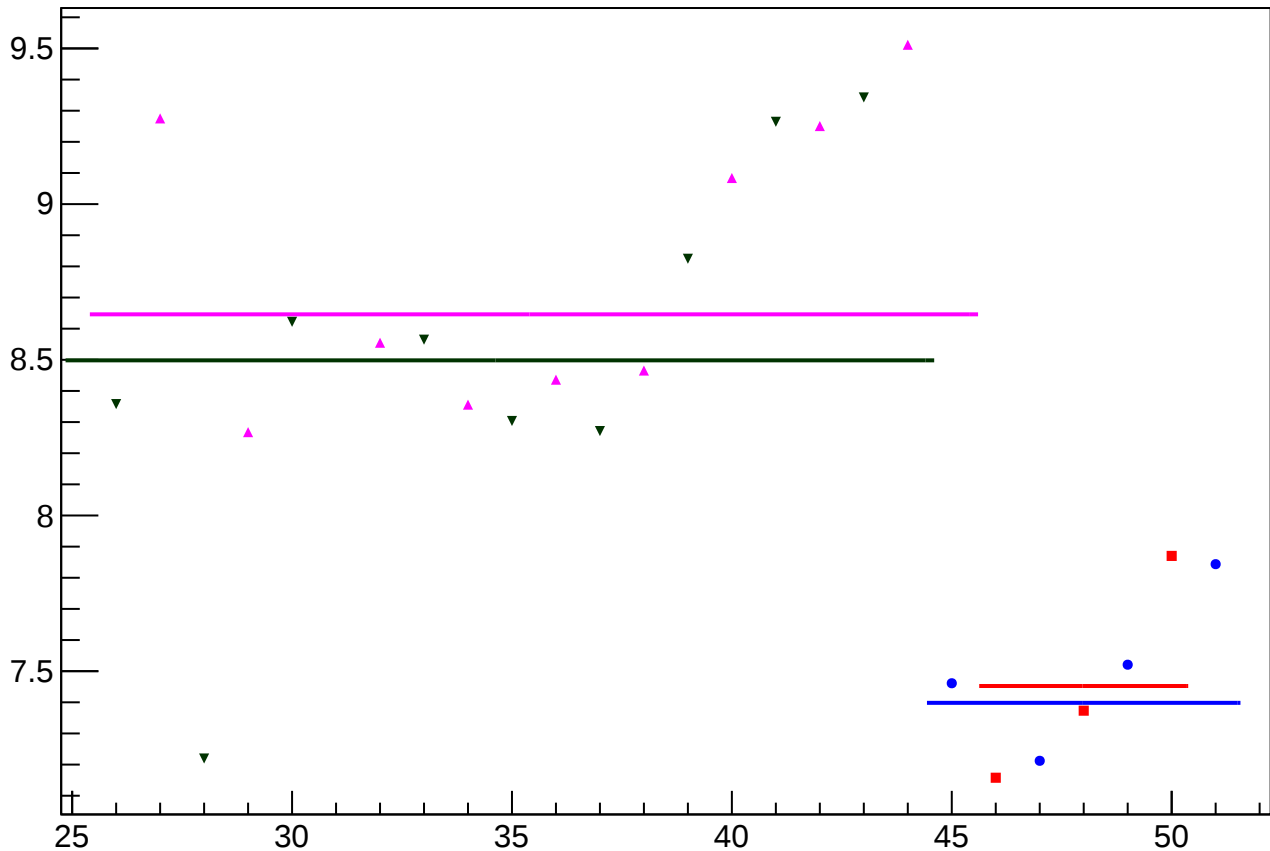
Right Out: 0.014+/-0.000 χ^2/NDF : 23879.9/2

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

0.015+/-0.000 χ^2/NDF : 360993.9/12

0.016+/-0.000 χ^2/NDF : 372931.5/11

yield_sam2_mean vs slug



Right In: 7.398 $\pm$ 0.000 χ^2 /NDF: 3179641.0/3

Left Out: 8.498 $\pm$ 0.000 χ^2 /NDF: 85994294.5/8

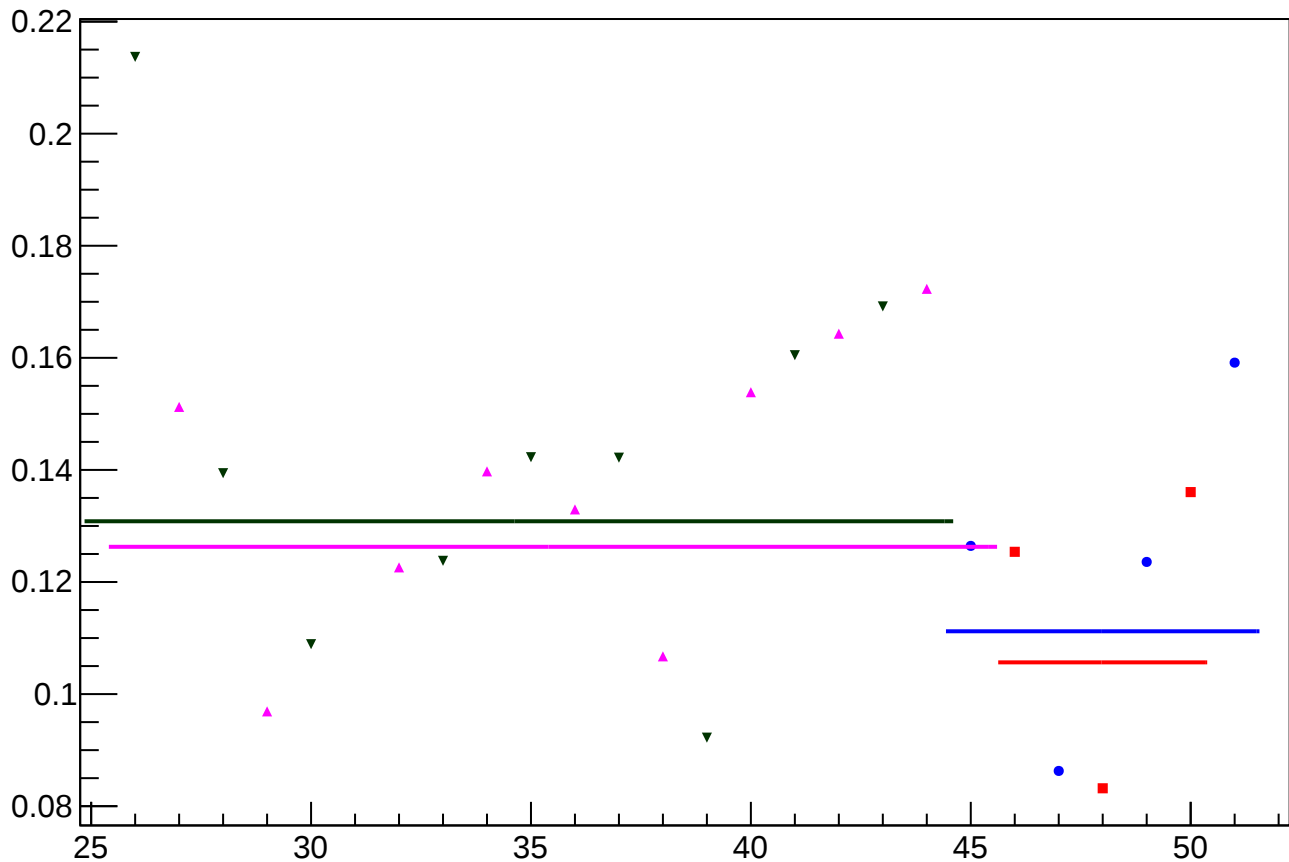
Right Out: 7.452 $\pm$ 0.000 χ^2 /NDF: 7359791.8/2

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53836286.5/8

8.097 $\pm$ 0.000 χ^2 /NDF: 200955448.4/12

8.338 $\pm$ 0.000 χ^2 /NDF: 178752482.9/11

yield_sam2_rms vs slug



Right In: 0.111 $\pm$ 0.000 χ^2 /NDF: 107917.3/3

Left Out: 0.131 $\pm$ 0.000 χ^2 /NDF: 435345.2/8

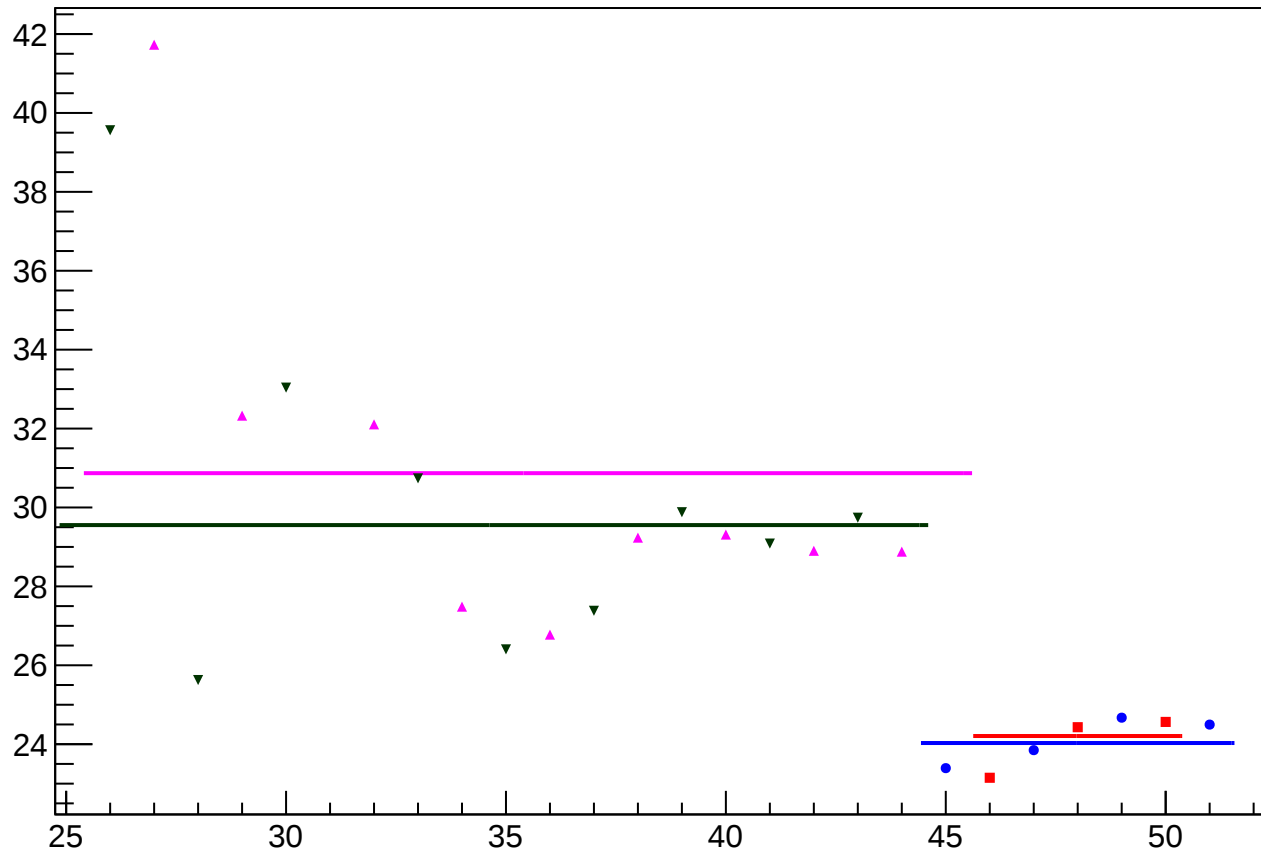
Right Out: 0.106 $\pm$ 0.000 χ^2 /NDF: 130206.8/2

Left In: 0.126 $\pm$ 0.000 χ^2 /NDF: 385323.8/8

0.124 $\pm$ 0.000 χ^2 /NDF: 614466.9/12

0.121 $\pm$ 0.000 χ^2 /NDF: 585688.1/11

yield_sam3_mean vs slug



Right In: 24.030+/-0.000 χ^2/NDF : 2172669.2/3

Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

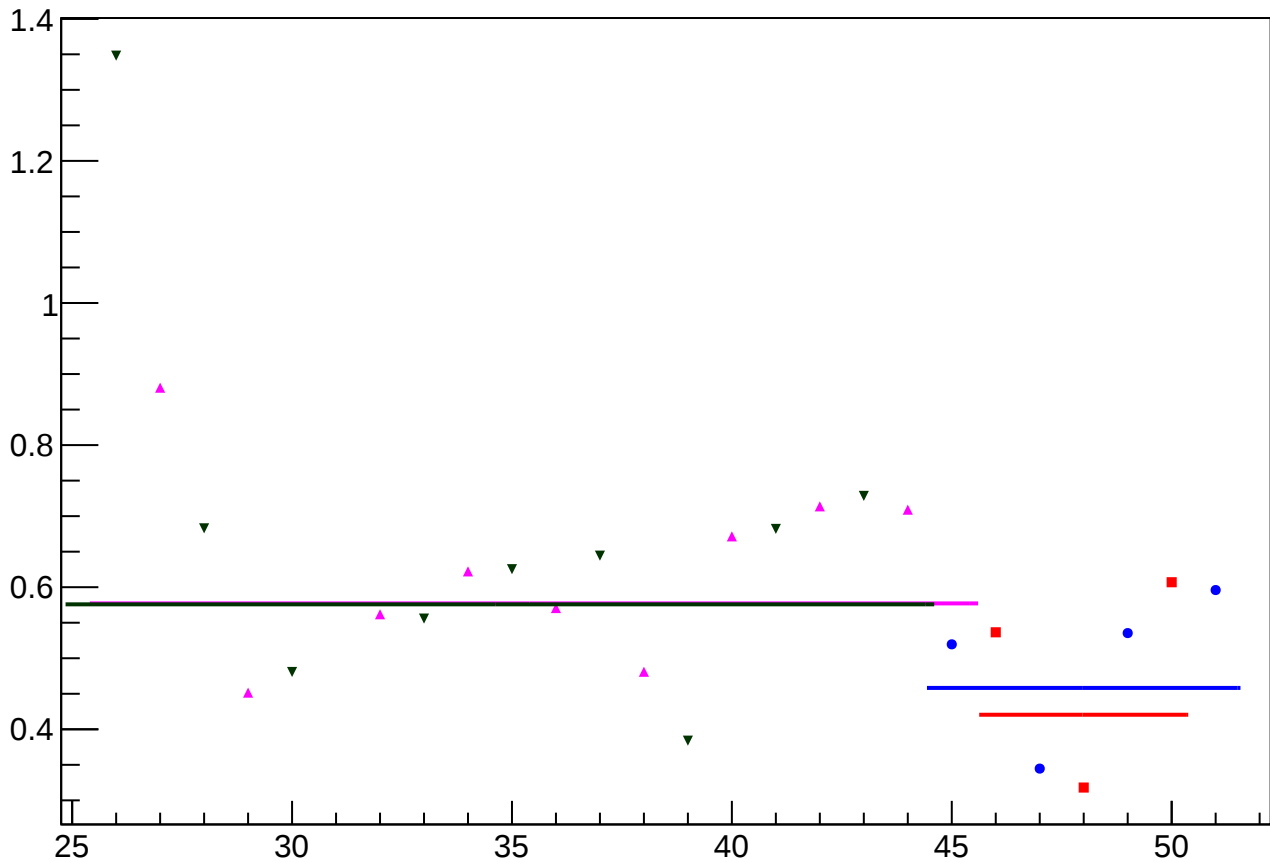
Right Out: 24.207+/-0.000 χ^2/NDF : 1804678.5/2

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

27.357+/-0.000 χ^2/NDF : 248775595.7/12

28.849+/-0.000 χ^2/NDF : 383842313.6/11

yield_sam3_rms vs slug



Right In: 0.458+/-0.000 χ^2/NDF : 138460.8/3

Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

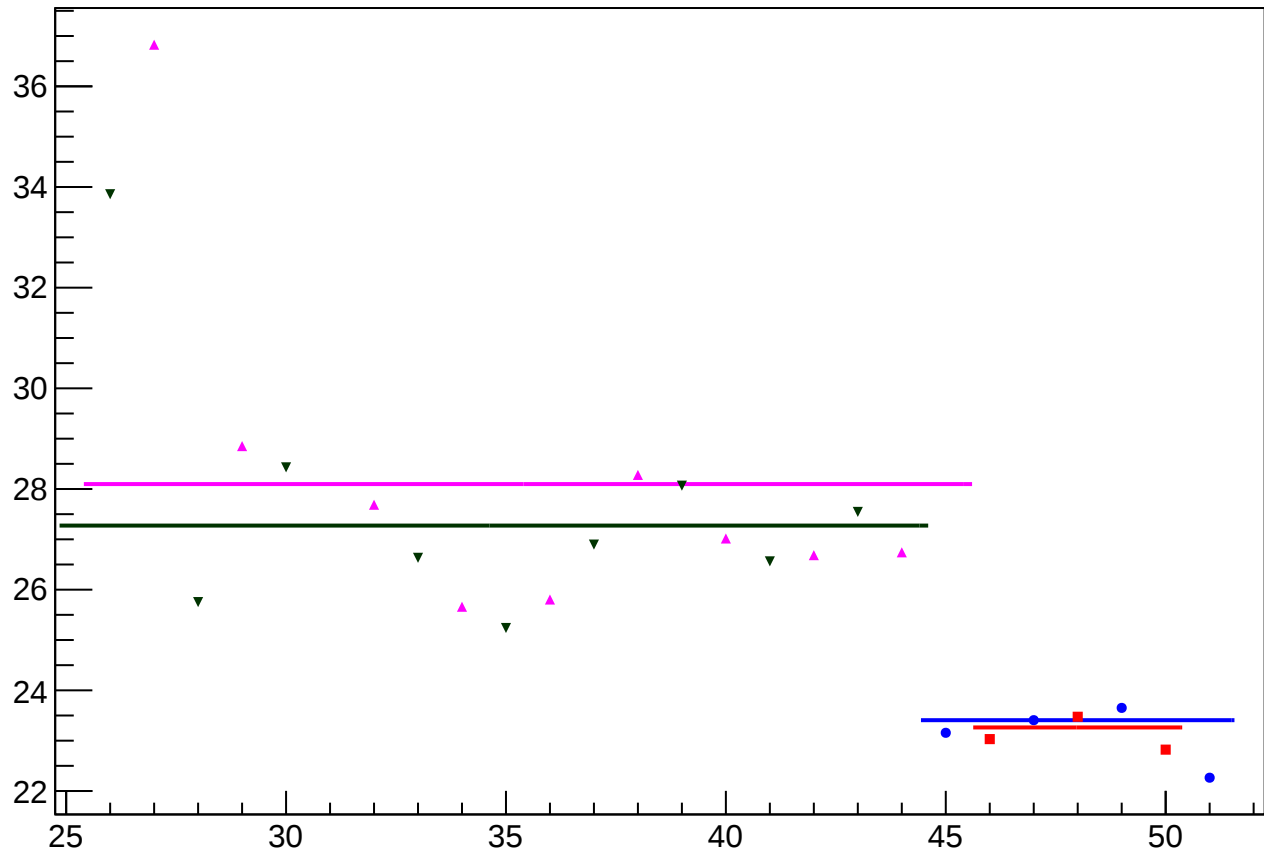
0.529+/-0.000 χ^2/NDF : 949298.4/12

Right Out: 0.420+/-0.000 χ^2/NDF : 210762.1/2

0.530+/-0.000 χ^2/NDF : 863770.3/11

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

yield_sam4_mean vs slug



Right In: 23.407+/-0.000 χ^2/NDF : 1254787.6/3

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

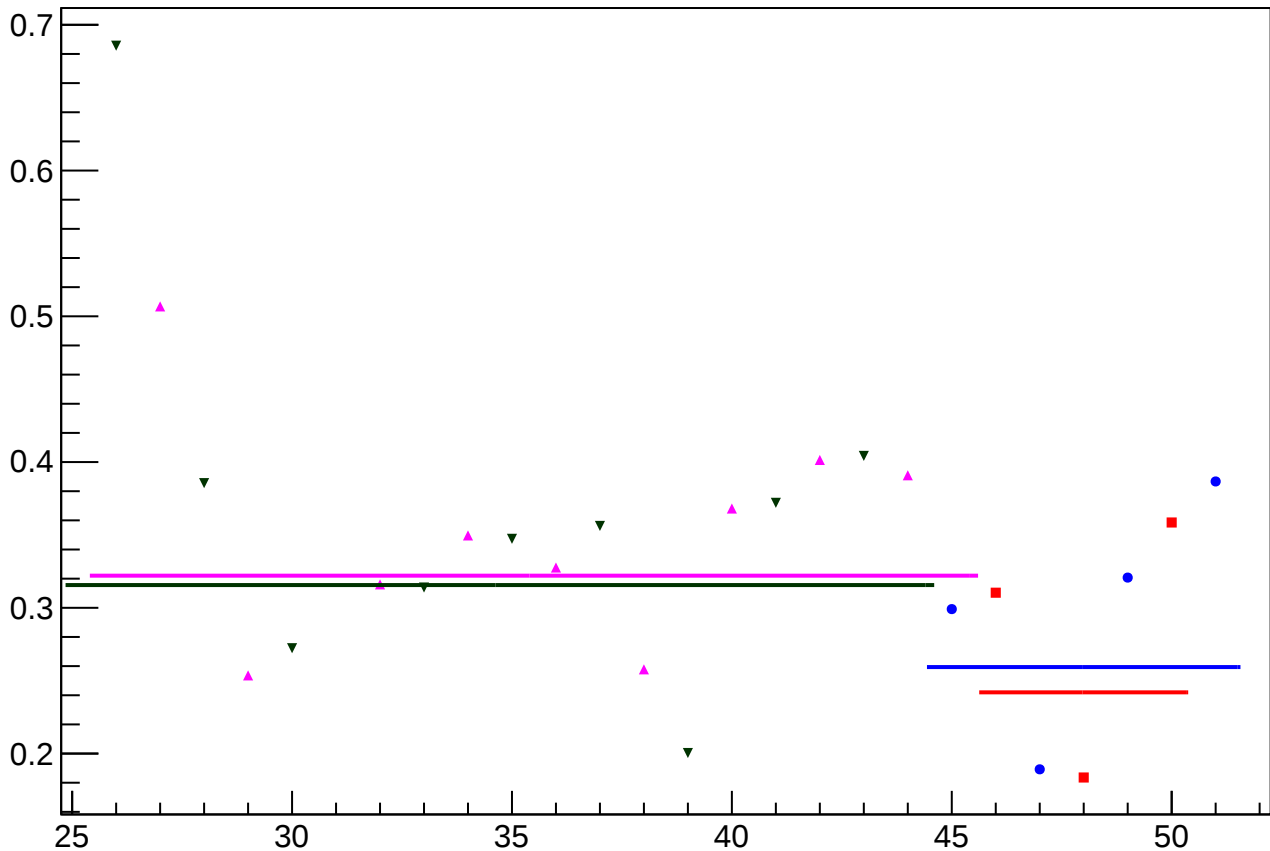
Right Out: 23.263+/-0.000 χ^2/NDF : 1486073.4/2

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

25.822+/-0.000 χ^2/NDF : 331818391.9/12

26.700+/-0.000 χ^2/NDF : 625068008.8/11

yield_sam4_rms vs slug



Right In: 0.259+/-0.000 χ^2/NDF : 197742.9/3

Left Out: 0.316+/-0.000 χ^2/NDF : 711532.8/8

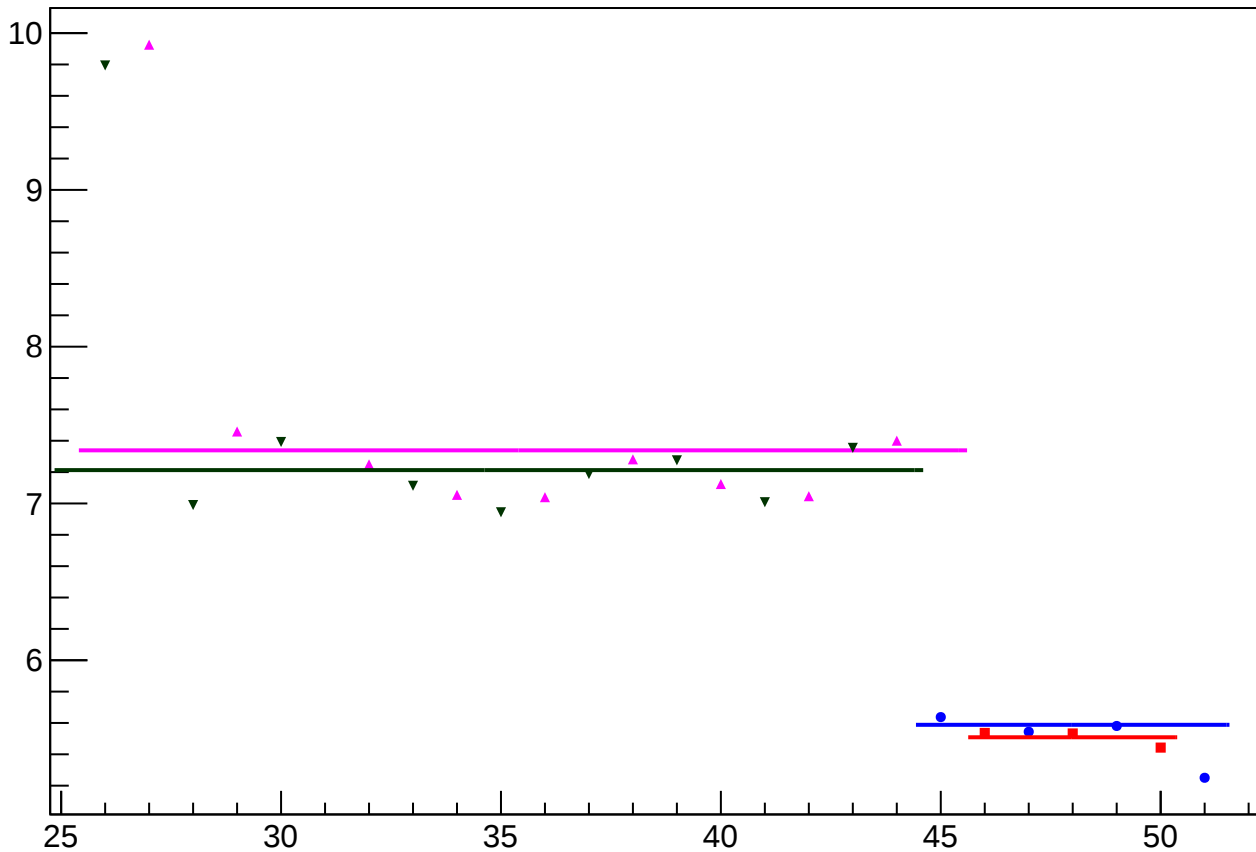
0.294+/-0.000 χ^2/NDF : 1010414.3/12

Right Out: 0.242+/-0.000 χ^2/NDF : 221141.9/2

0.299+/-0.000 χ^2/NDF : 862241.3/11

Left In: 0.322+/-0.000 χ^2/NDF : 461575.4/8

yield_sam5_mean vs slug



Right In: 5.588+/-0.000 χ^2/NDF : 13215185.8/3

Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

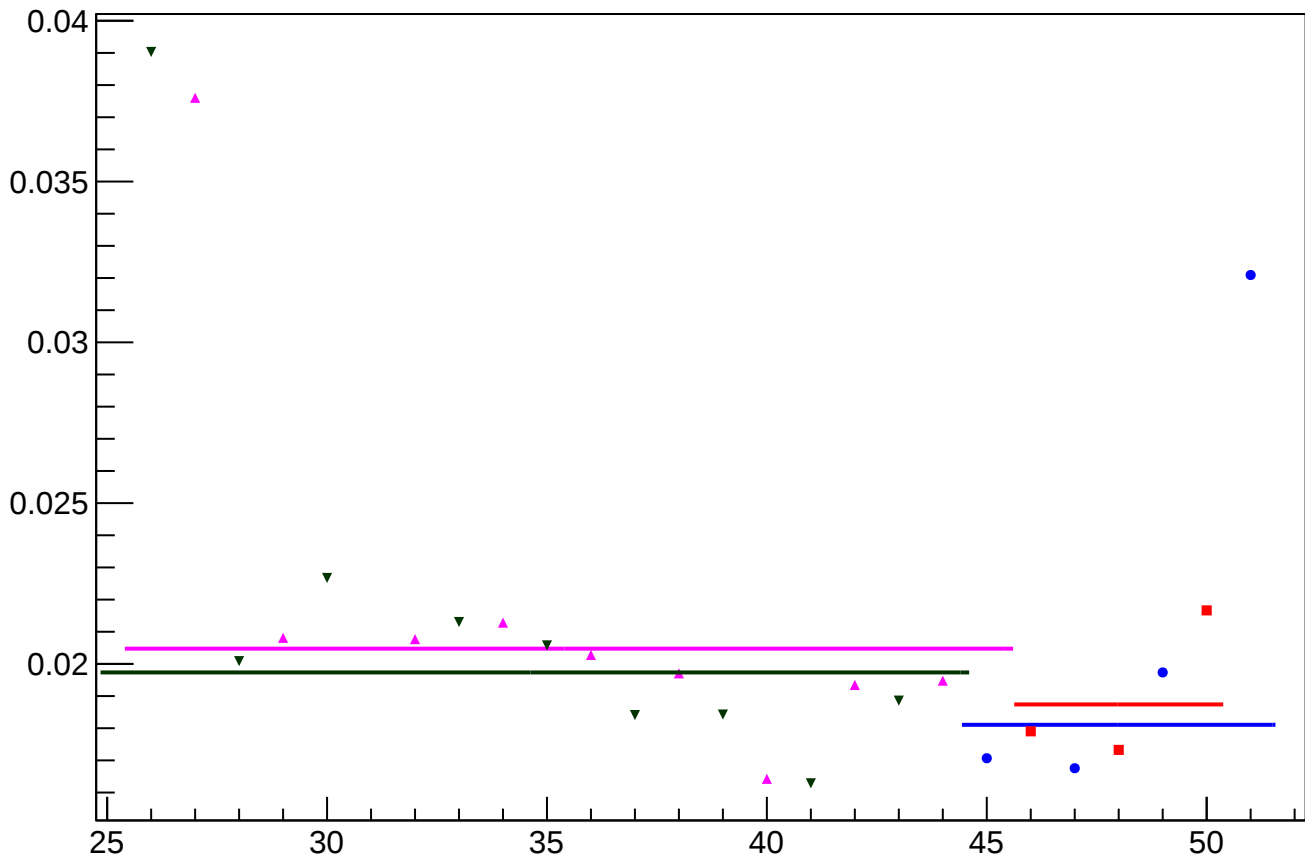
Right Out: 5.509+/-0.000 χ^2/NDF : 6257349.5/2

Left In: 7.339+/-0.000 χ^2/NDF : 4002199265.2/8

6.675+/-0.000 χ^2/NDF : 12379784838.0/12

6.918+/-0.000 χ^2/NDF : 13489944847.2/11

yield_sam5_rms vs slug



Right In: 0.018 ± 0.000 χ^2/NDF : 39283.5/3

Left Out: 0.020 ± 0.000 χ^2/NDF : 320845.5/8

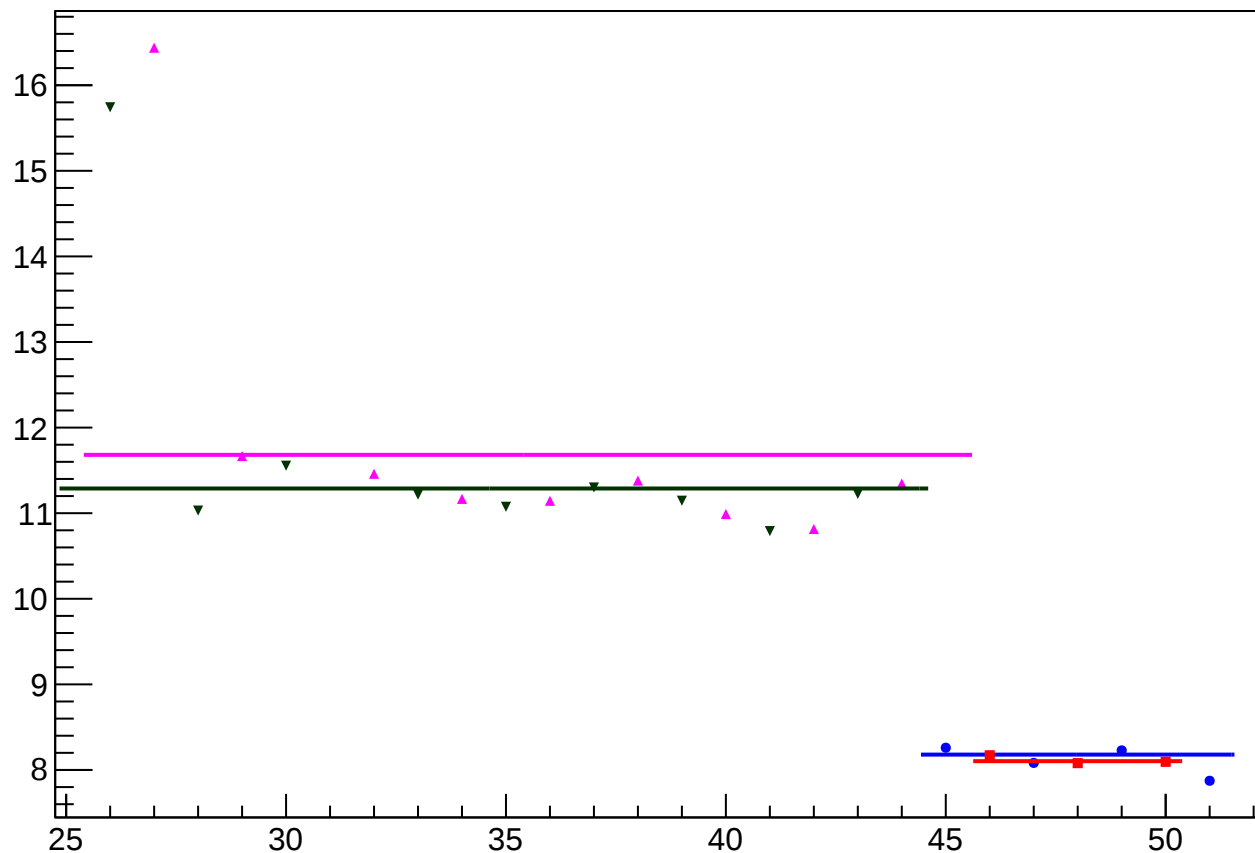
Right Out: 0.019 ± 0.000 χ^2/NDF : 25094.4/2

Left In: 0.020 ± 0.000 χ^2/NDF : 380331.0/8

0.019 ± 0.000 χ^2/NDF : 380106.6/12

0.020 ± 0.000 χ^2/NDF : 422447.6/11

yield_sam6_mean vs slug



Right In: 8.179+/-0.000 χ^2/NDF : 4733559.0/3

Left Out: 11.289+/-0.000 χ^2/NDF :475112866.3/8

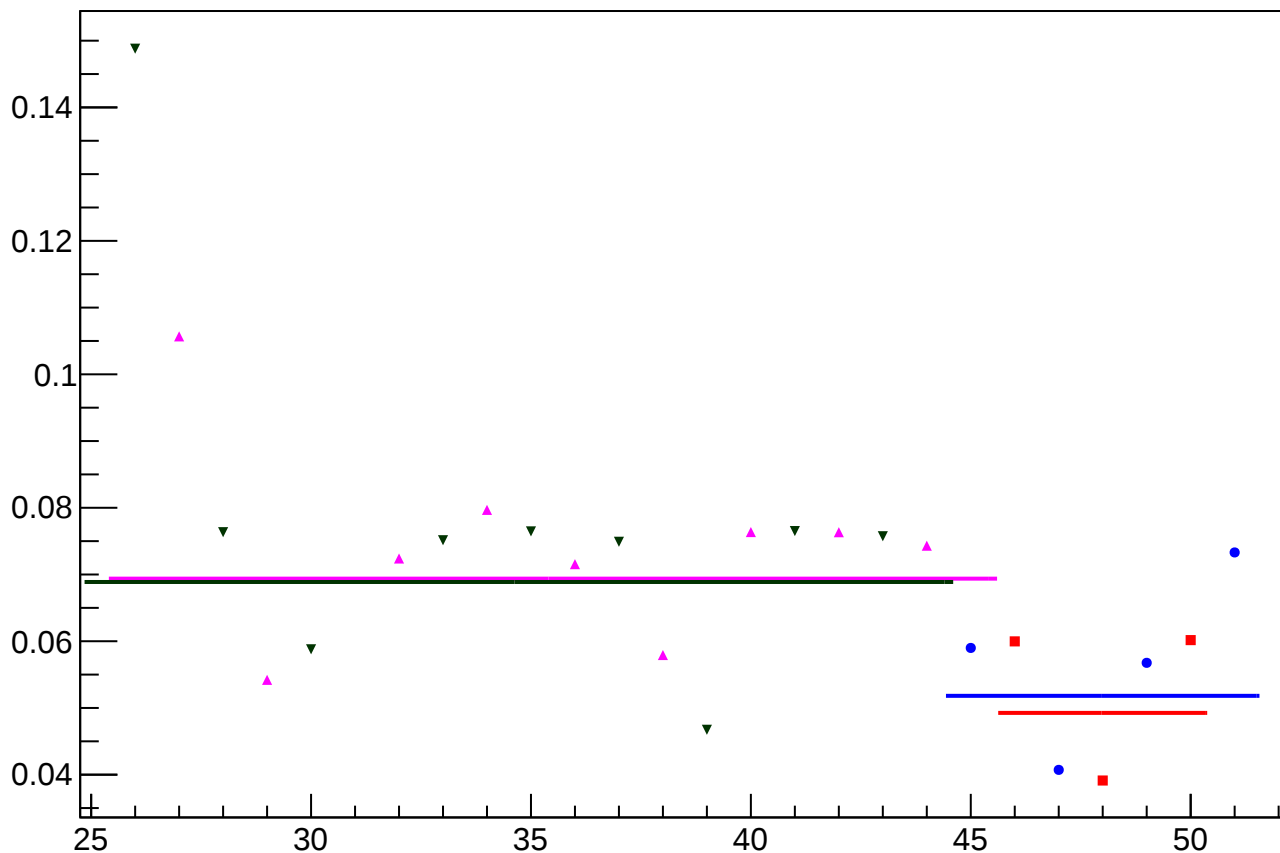
Right Out: 8.103+/-0.000 χ^2/NDF : 646878.0/2

Left In: 11.681+/-0.000 χ^2/NDF :1757981772.9/8

9.963+/-0.000 χ^2/NDF : 4191775254.2/12

10.507+/-0.000 χ^2/NDF : 6209201264.4/11

yield_sam6_rms vs slug



Right In: 0.052 $\pm$ 0.000 χ^2 /NDF: 96236.0/3

Left Out: 0.069 $\pm$ 0.000 χ^2 /NDF: 542333.9/8

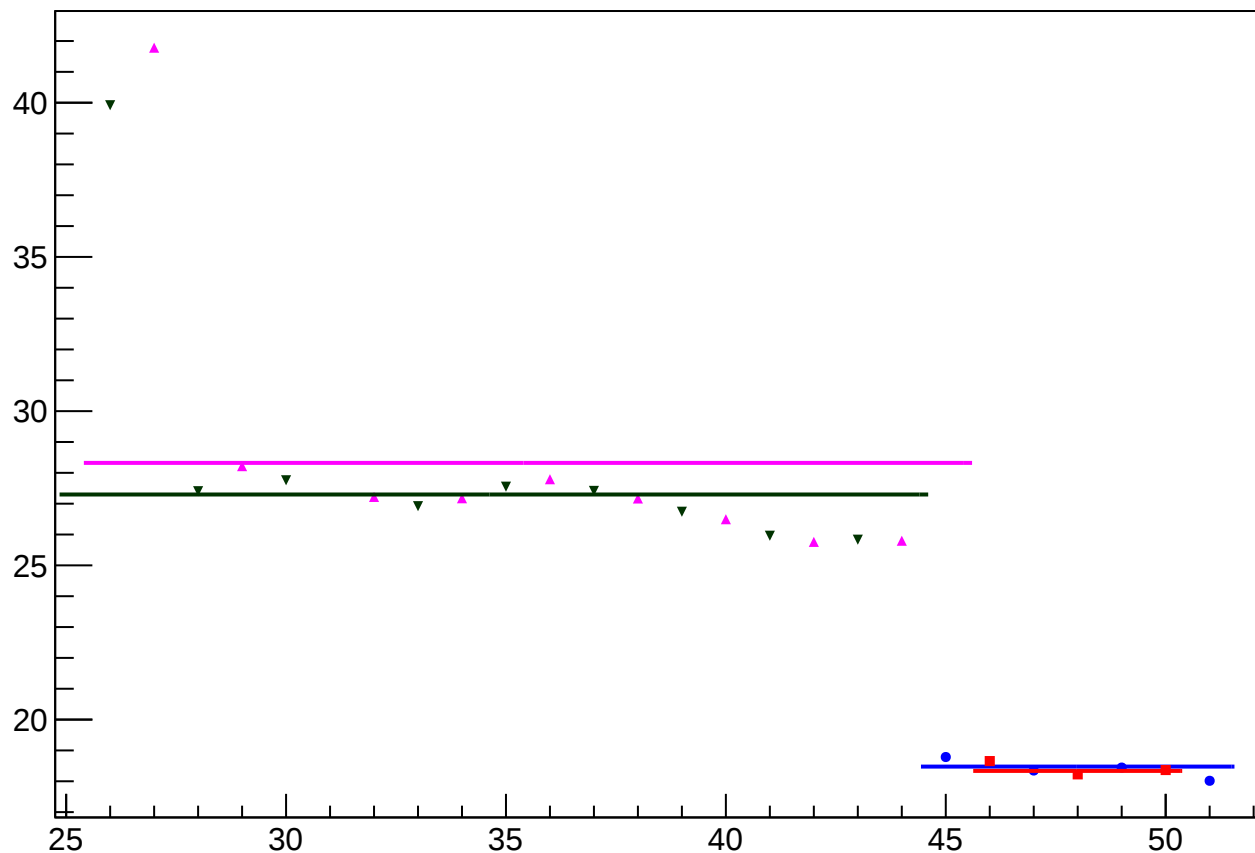
Right Out: 0.049 $\pm$ 0.000 χ^2 /NDF: 113526.0/2

Left In: 0.069 $\pm$ 0.000 χ^2 /NDF: 382716.0/8

0.062 $\pm$ 0.000 χ^2 /NDF: 862128.5/12

0.063 $\pm$ 0.000 χ^2 /NDF: 777584.1/11

yield_sam7_mean vs slug



Right In: 18.476+/-0.000 χ^2/NDF : 12803953.3/3

Left Out: 27.298+/-0.000 χ^2/NDF :1975060613.1/8

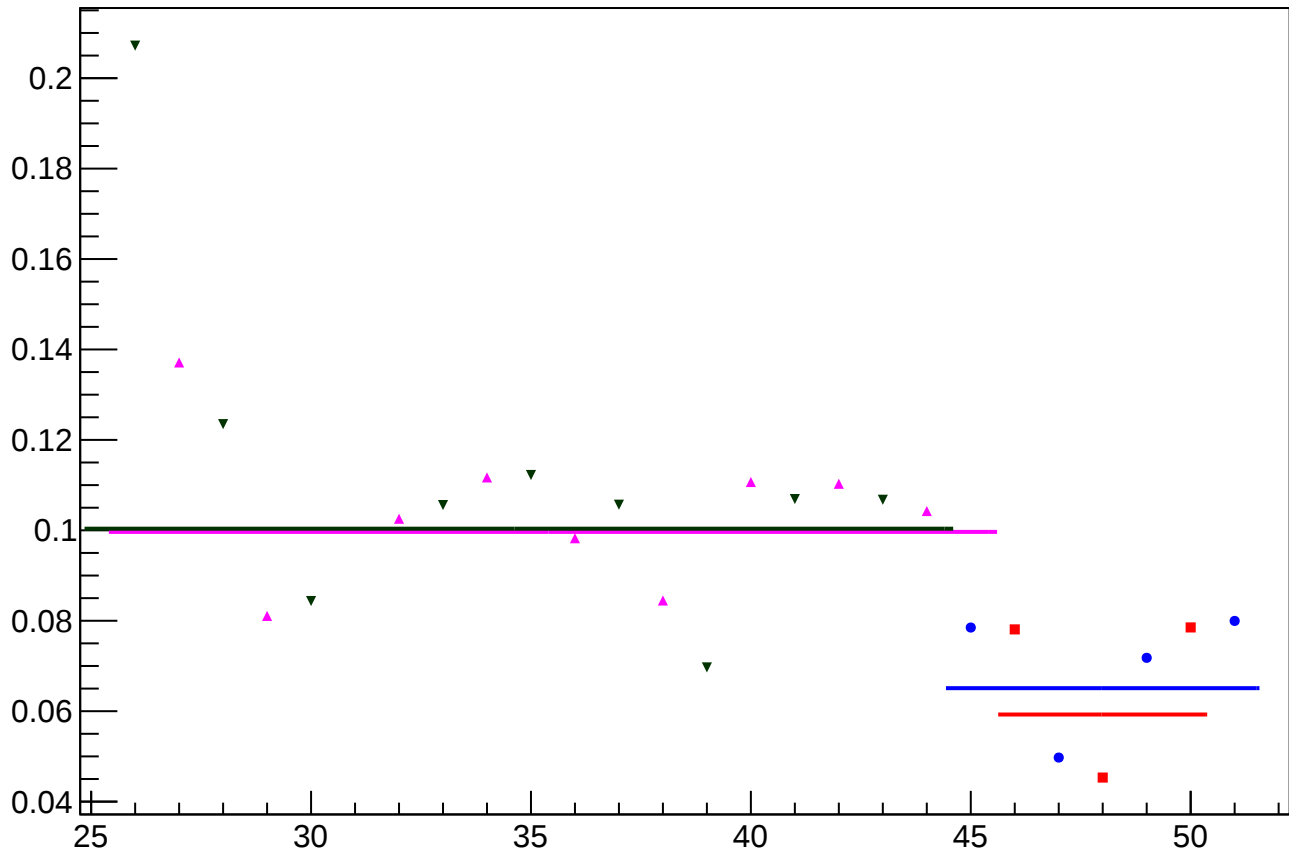
Right Out: 18.336+/-0.000 χ^2/NDF : 8624013.5/2

Left In: 28.322+/-0.000 χ^2/NDF :8116696622.8/8

22.932+/-0.000 χ^2/NDF : 18185026128.5/12

24.378+/-0.000 χ^2/NDF : 28199203462.0/11

yield_sam7_rms vs slug



Right In: 0.065+/-0.000 χ^2/NDF : 122965.9/3

Left Out: 0.100+/-0.000 χ^2/NDF : 509899.4/8

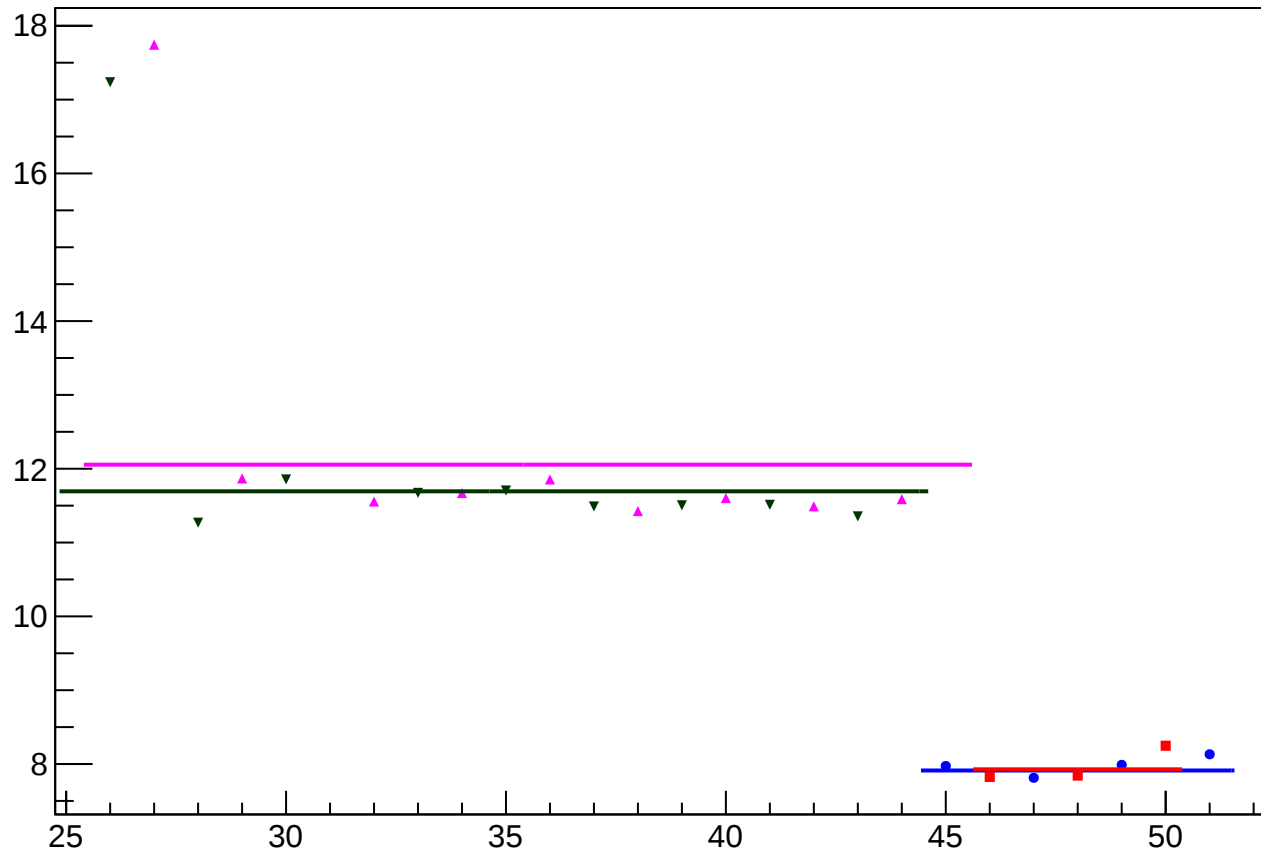
0.083+/-0.000 χ^2/NDF : 1150676.1/12

Right Out: 0.059+/-0.000 χ^2/NDF : 176969.9/2

0.084+/-0.000 χ^2/NDF : 1089053.9/11

Left In: 0.100+/-0.000 χ^2/NDF : 255418.8/8

yield_sam8_mean vs slug



Right In: 7.912+/-0.000 χ^2/NDF : 12968988.9/3

Left Out: 11.694+/-0.000 χ^2/NDF : 1571804703.3/8

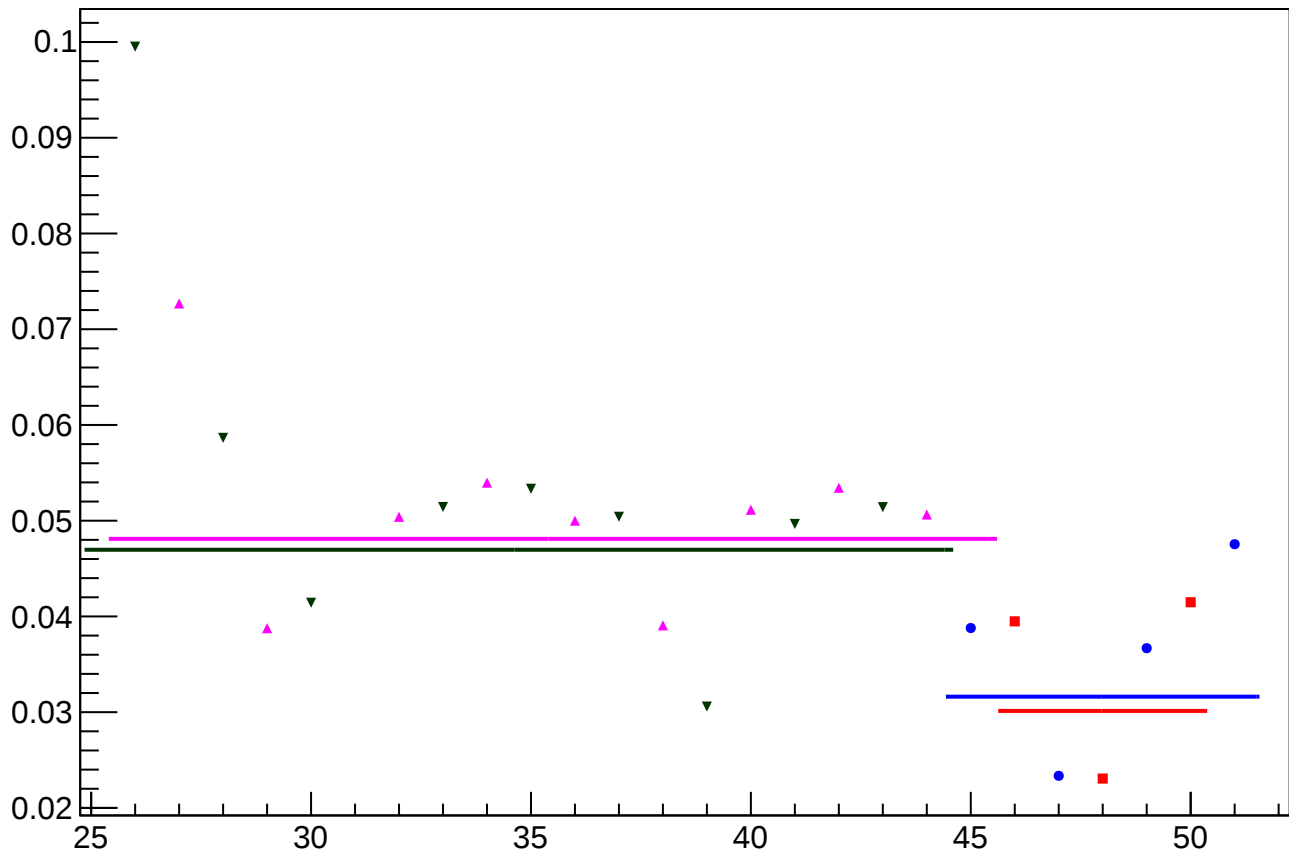
Right Out: 7.928+/-0.000 χ^2/NDF : 36895512.6/2

Left In: 12.055+/-0.000 χ^2/NDF : 5109226136.0/8

9.917+/-0.000 χ^2/NDF : 14702586875.0/12

10.526+/-0.000 χ^2/NDF : 19012863195.0/11

yield_sam8_rms vs slug



Right In: 0.032+/-0.000 χ^2/NDF : 179679.9/3

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

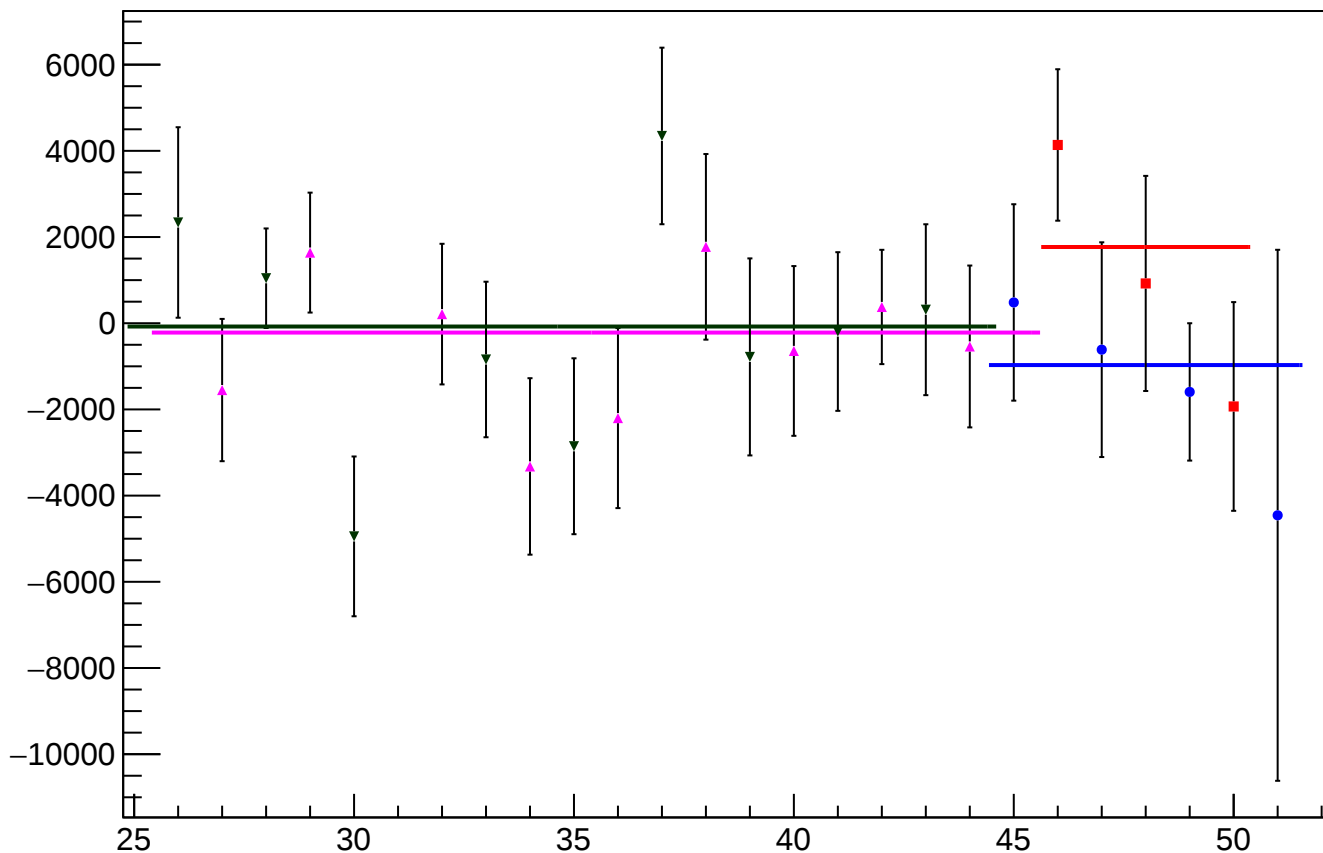
Right Out: 0.030+/-0.000 χ^2/NDF : 191692.6/2

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.040+/-0.000 χ^2/NDF : 1223991.5/12

0.041+/-0.000 χ^2/NDF : 1066501.0/11

cor_sam1_mean vs slug



Right In: -970.636 ± 1136.795 χ^2/NDF : 0.9/3

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

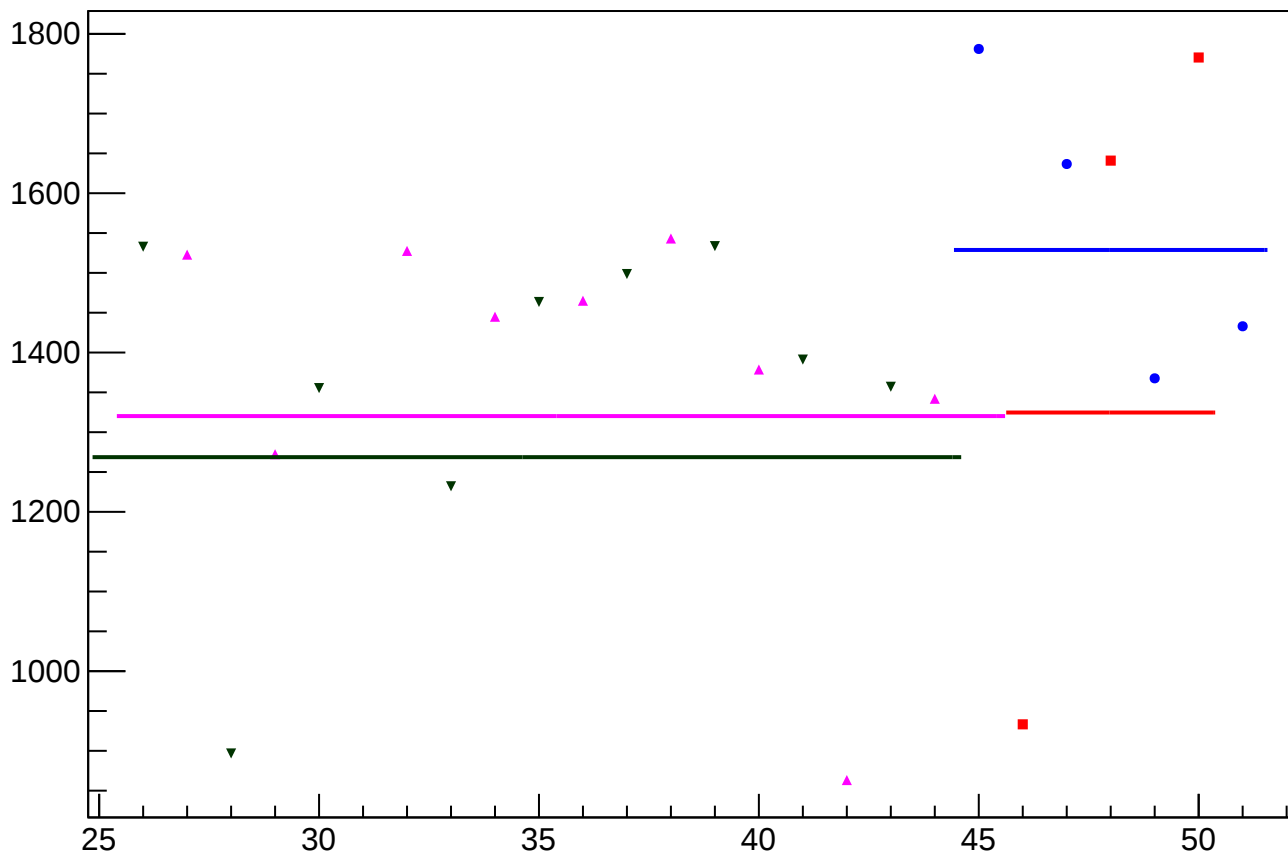
Right Out: 1768.787 ± 1235.640 χ^2/NDF : 4.3/2

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-271.614 ± 531.050 χ^2/NDF : 17.3/12

133.924 ± 519.340 χ^2/NDF : 13.2/11

cor_sam1_rms vs slug



Right In: 1528.761 $\pm$ 0.804 χ^2 /NDF: 49209.2/3

Left Out: 1268.658 $\pm$ 0.425 χ^2 /NDF: 324399.1/8

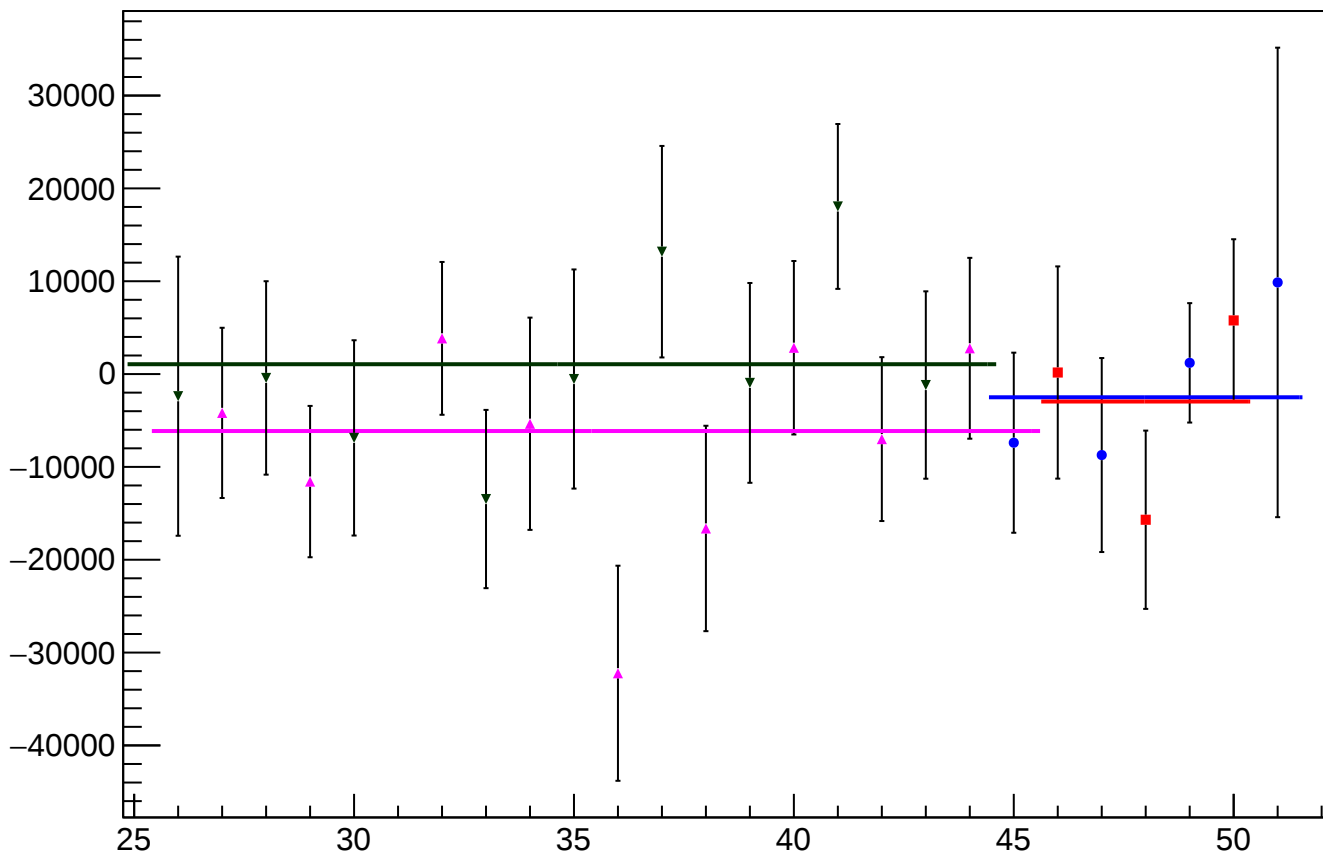
Right Out: 1324.698 $\pm$ 0.874 χ^2 /NDF: 199107.7/2

Left In: 1320.223 $\pm$ 0.405 χ^2 /NDF: 342759.8/8

1325.419 $\pm$ 0.376 χ^2 /NDF: 455462.2/12

1321.013 $\pm$ 0.367 χ^2 /NDF: 541889.1/11

cor_sam2_mean vs slug



Right In: -2500.582+/-4686.765 χ^2/NDF : 1.2/3

Left Out: 1060.376+/-3545.636 χ^2/NDF : 7.8/8

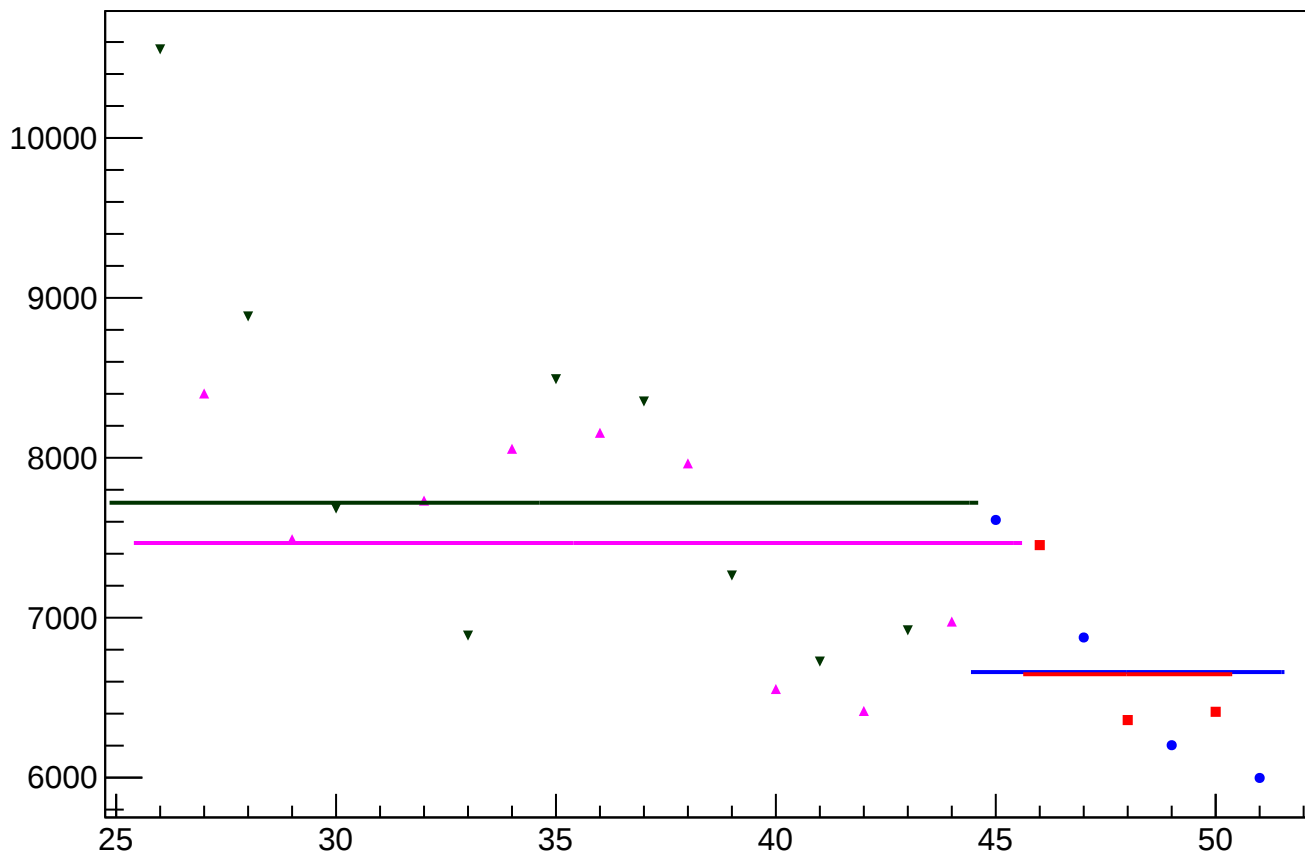
Right Out: -2956.952+/-5627.552 χ^2/NDF : 2.8/2

Left In: -6136.125+/-3165.179 χ^2/NDF : 9.7/8

-235.809+/-2827.634 χ^2/NDF : 9.4/12

-5372.109+/-2758.759 χ^2/NDF : 12.8/11

cor_sam2_rms vs slug



Right In: 6660.061+/-3.314 χ^2/NDF : 31580.0/3

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

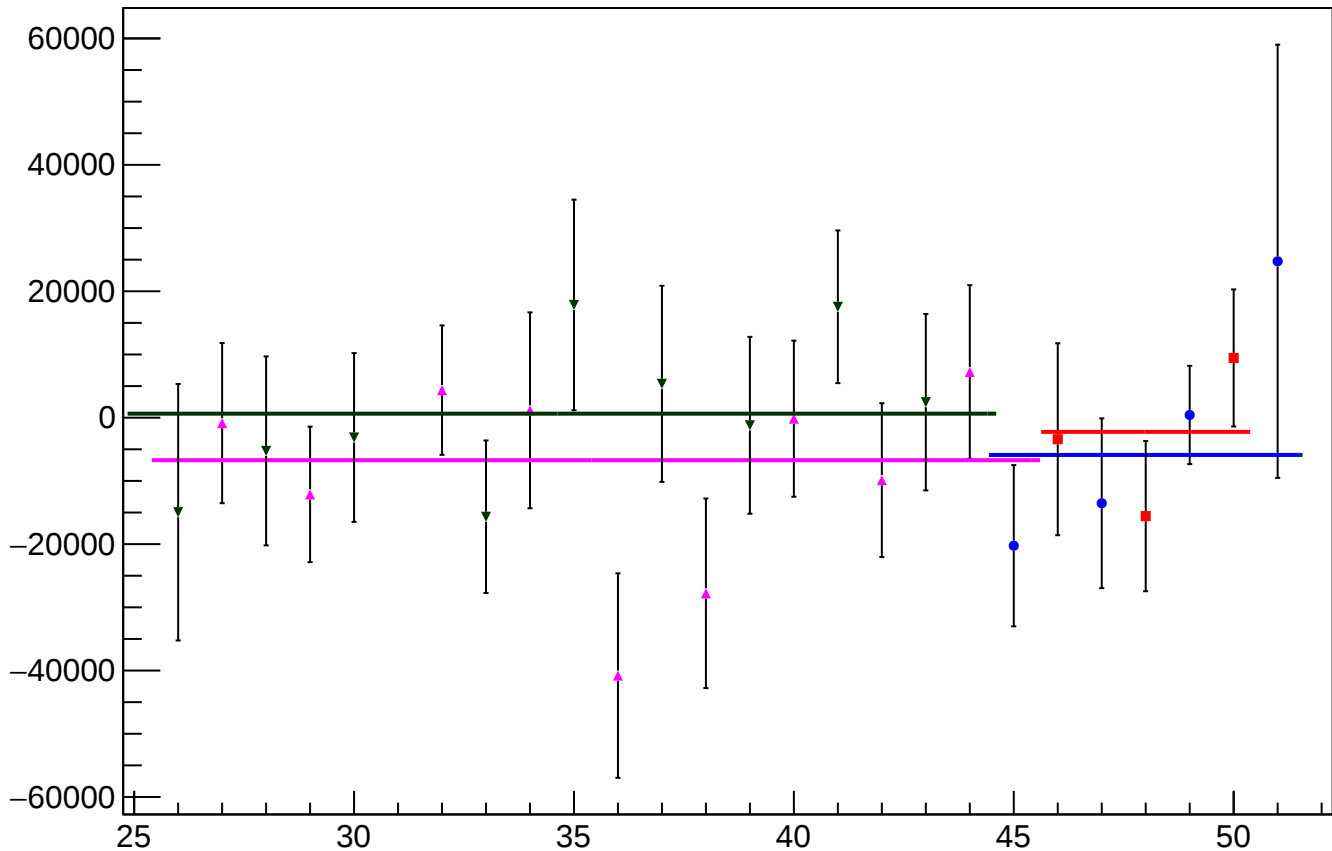
Right Out: 6646.535+/-3.979 χ^2/NDF : 13205.7/2

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7333.490+/-1.999 χ^2/NDF : 263489.8/12

7269.970+/-1.951 χ^2/NDF : 137364.7/11

cor_sam3_mean vs slug



Right In: -5892.419+/-5863.593 χ^2/NDF : 3.1/3

Left Out: 639.789+/-4753.910 χ^2/NDF : 5.8/8

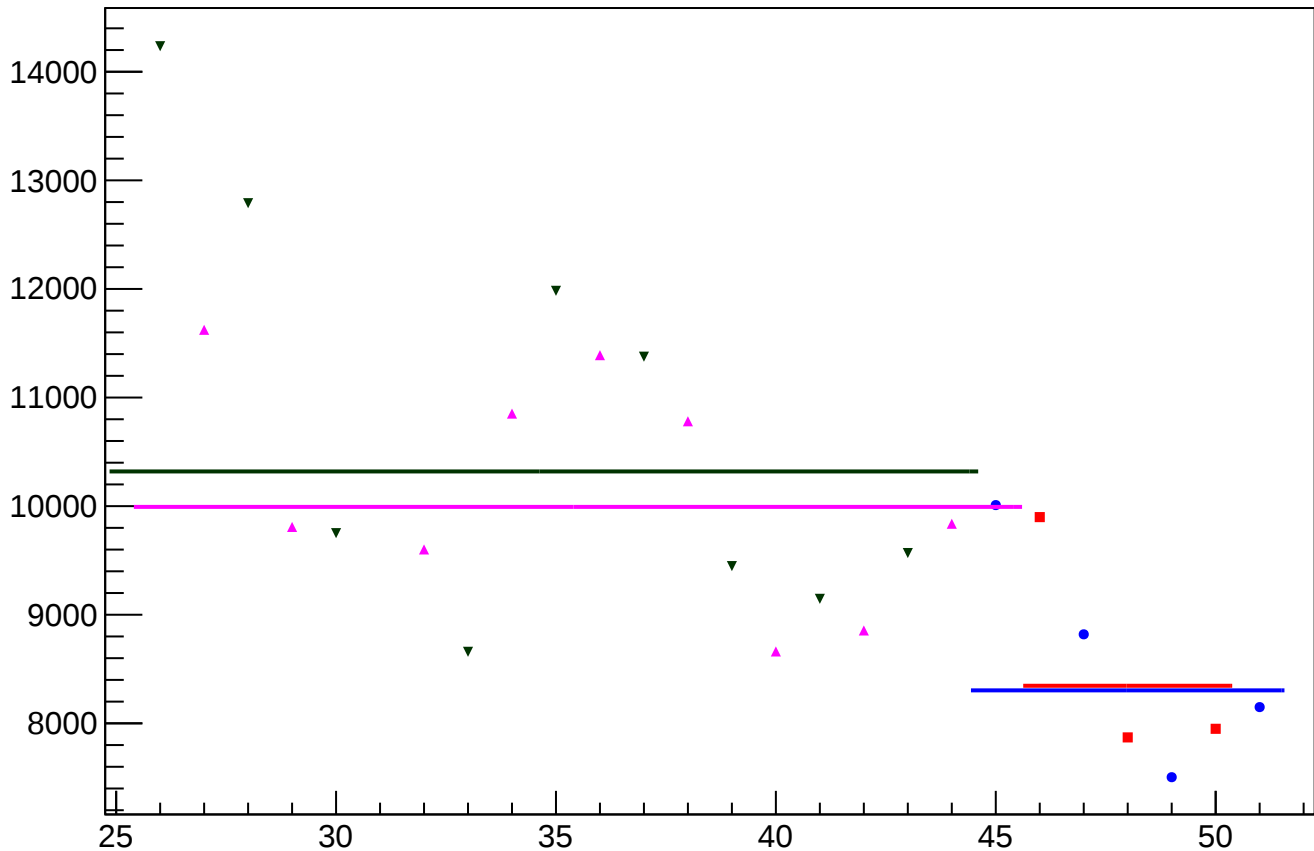
-1950.981+/-3692.736 χ^2/NDF : 9.6/12

Right Out: -2239.762+/-7084.026 χ^2/NDF : 2.4/2

-5537.920+/-3640.684 χ^2/NDF : 12.4/11

Left In: -6721.702+/-4244.047 χ^2/NDF : 9.7/8

cor_sam3_rms vs slug



Right In: 8303.604+/-4.146 χ^2/NDF : 59939.7/3

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

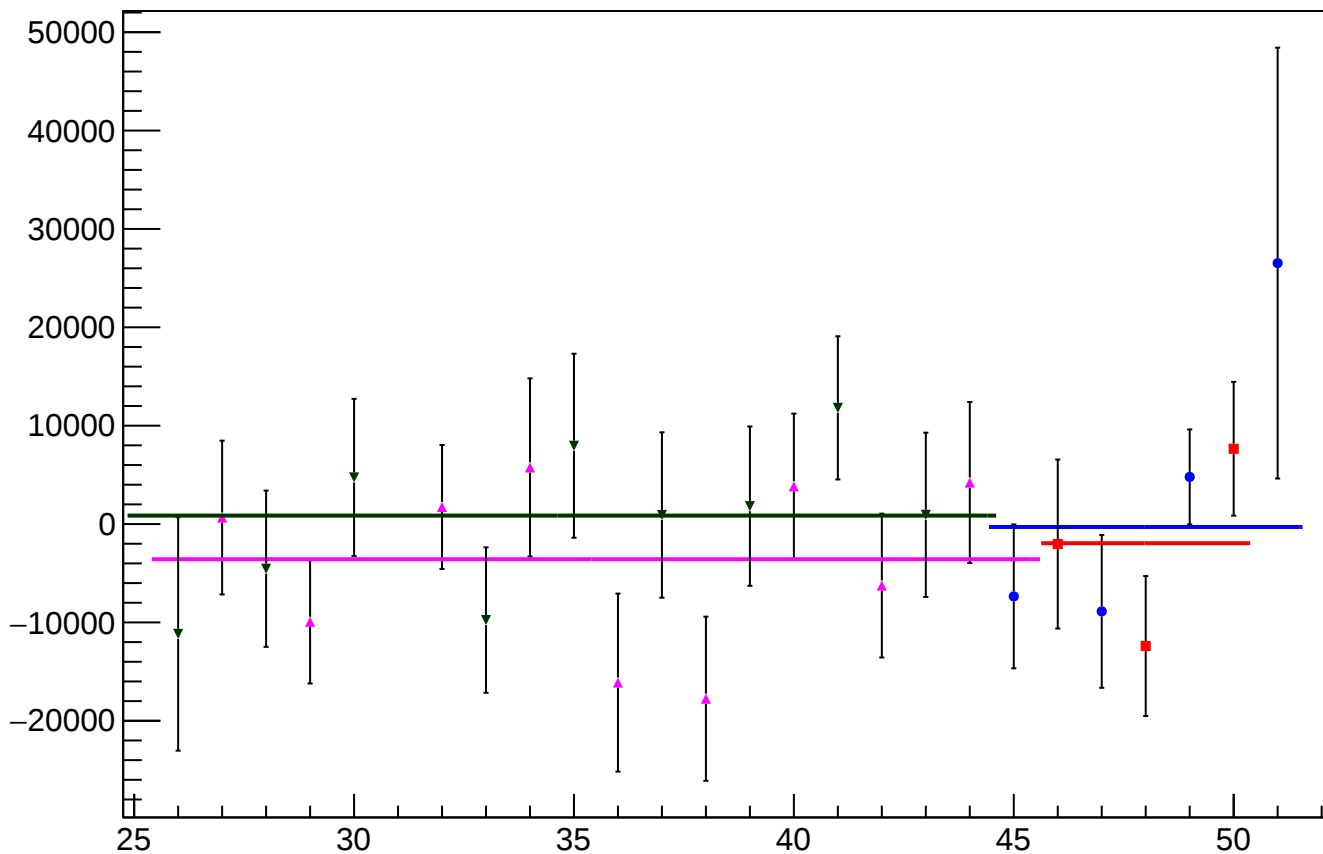
Right Out: 8346.001+/-5.009 χ^2/NDF : 26804.8/2

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

9519.981+/-2.611 χ^2/NDF : 434852.9/12

9558.075+/-2.574 χ^2/NDF : 210581.4/11

cor_sam4_mean vs slug



Right In: -297.955+/-3529.864 χ^2/NDF : 4.8/3

Left Out: 860.253+/-2763.123 χ^2/NDF :6.6/8

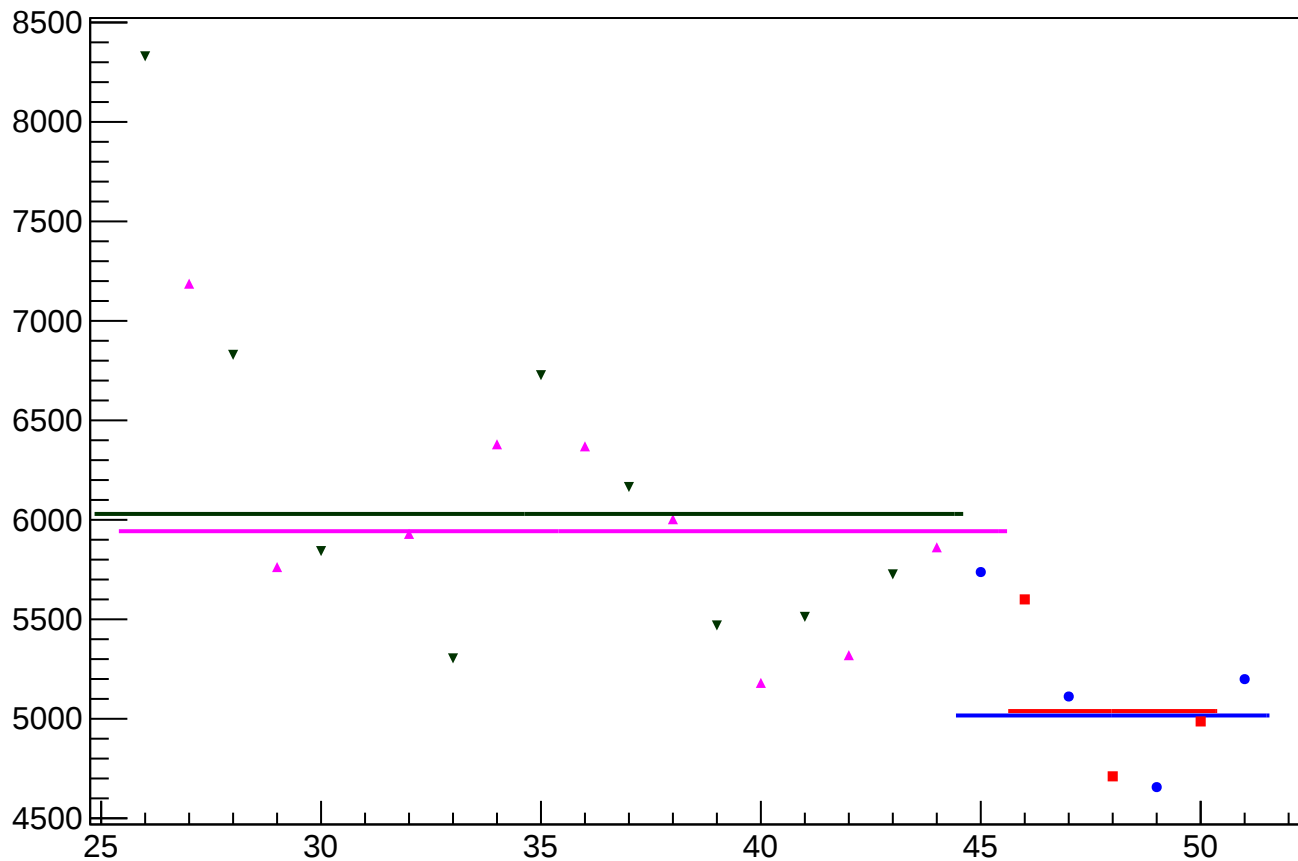
Right Out: -1947.769+/-4266.567 χ^2/NDF : 4.2/2

Left In: -3574.359+/-2517.724 χ^2/NDF :10.0/8

420.201+/-2175.787 χ^2/NDF : 11.5/12

-3154.237+/-2168.338 χ^2/NDF : 14.2/11

cor_sam4_rms vs slug



Right In: 5016.639+/-2.496 χ^2/NDF : 31002.5/3

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

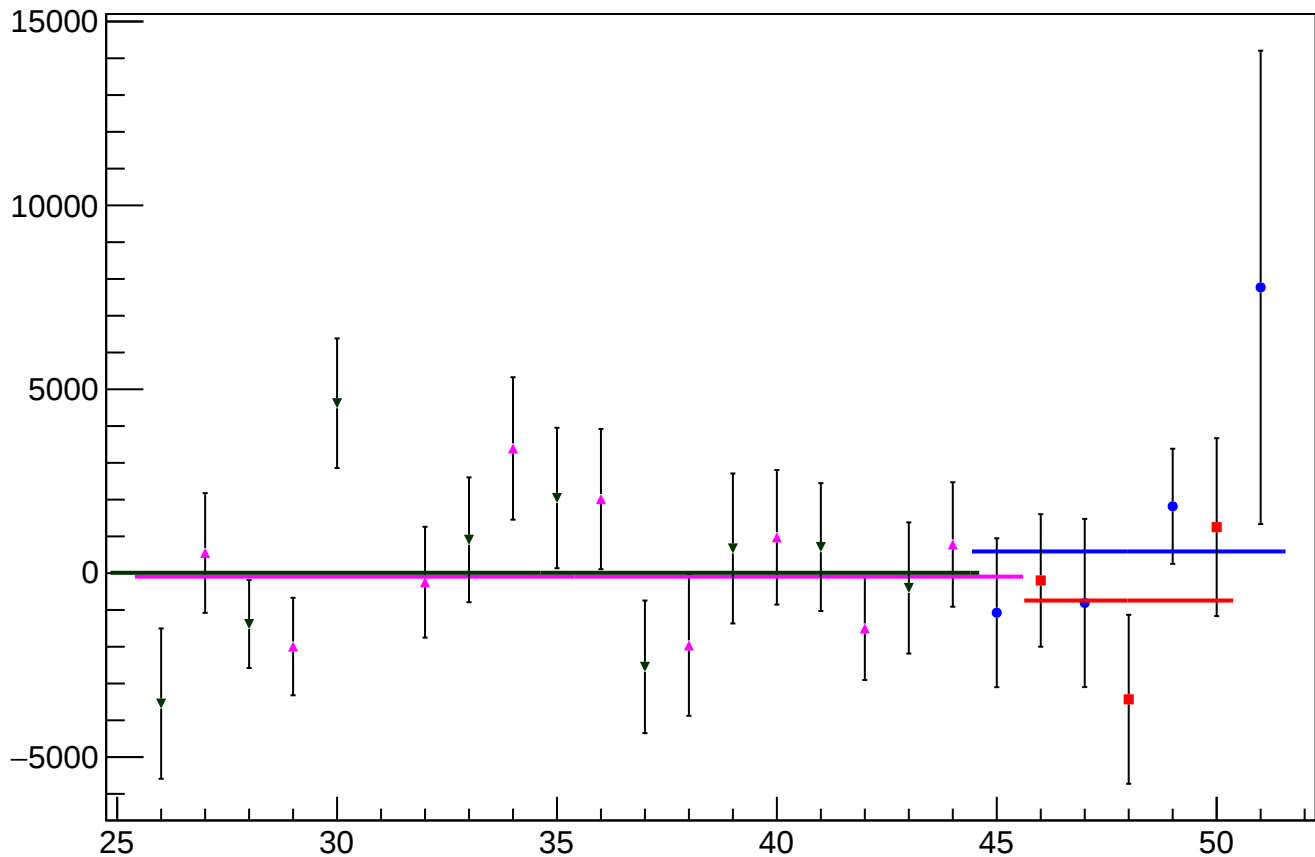
Right Out: 5038.918+/-3.017 χ^2/NDF : 12913.6/2

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5644.798+/-1.539 χ^2/NDF : 282887.3/12

5709.404+/-1.533 χ^2/NDF : 177058.7/11

cor_sam5_mean vs slug



Right In: 590.735 ± 1073.310 χ^2/NDF : 2.9/3

Left Out: 11.403 ± 570.182 χ^2/NDF : 15.0/8

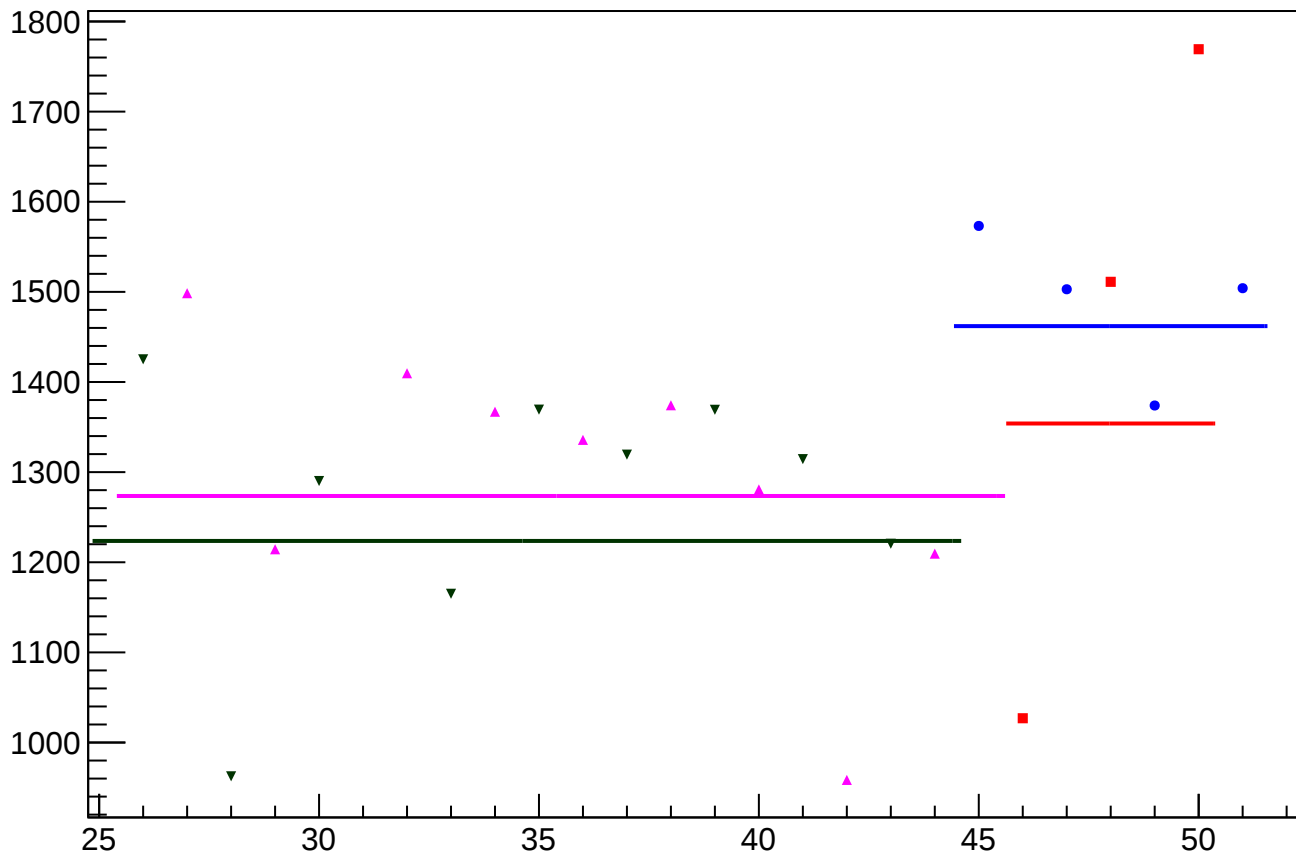
Right Out: -743.303 ± 1223.083 χ^2/NDF : 2.1/2

Left In: -93.953 ± 545.533 χ^2/NDF : 9.3/8

138.913 ± 503.539 χ^2/NDF : 18.1/12

-201.701 ± 498.221 χ^2/NDF : 11.6/11

cor_sam5_rms vs slug



Right In: 1462.002+/-0.759 χ^2/NDF : 13098.1/3

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

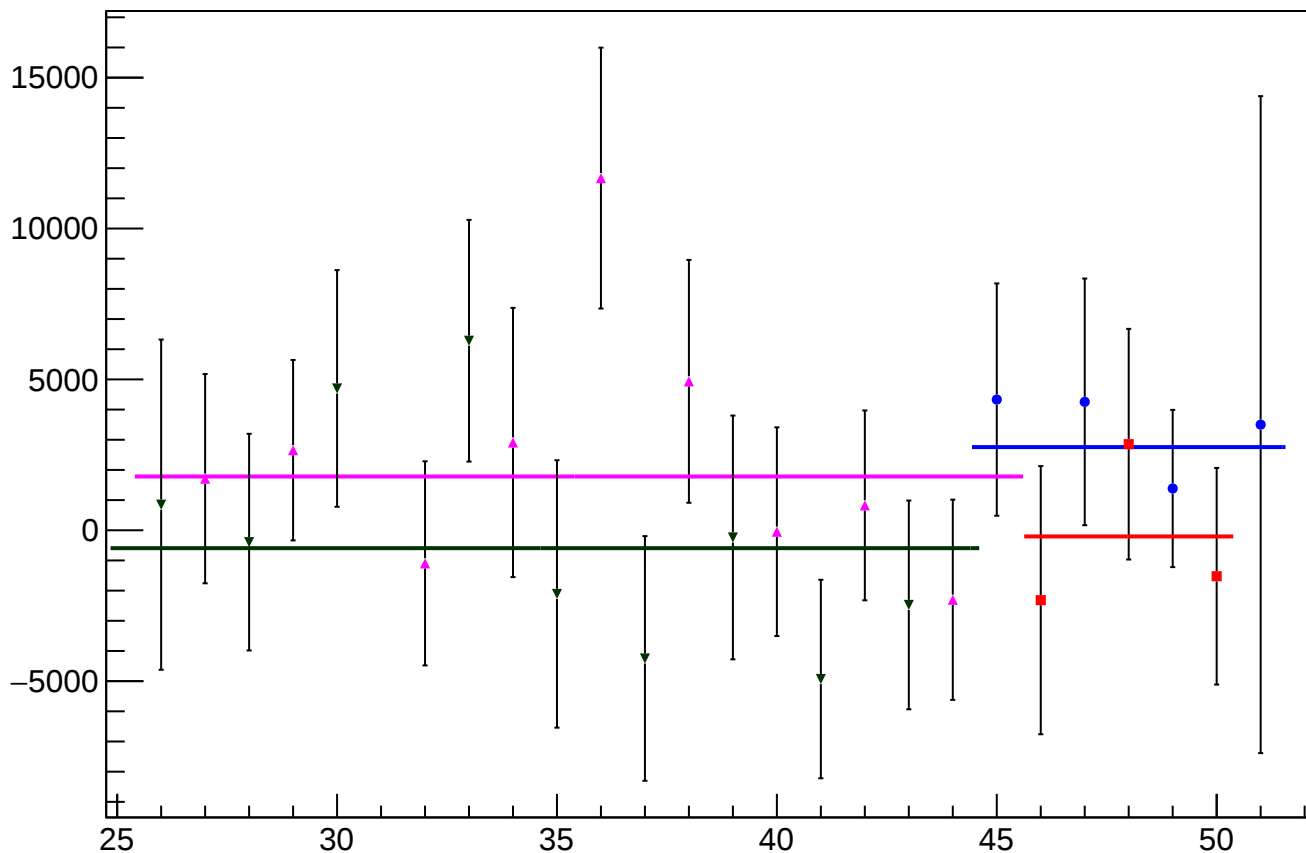
Right Out: 1353.955+/-0.865 χ^2/NDF : 134194.8/2

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1276.117+/-0.356 χ^2/NDF : 243053.0/12

1286.884+/-0.352 χ^2/NDF : 316397.7/11

cor_sam6_mean vs slug



Right In: 2756.959+/-1879.482 χ^2/NDF : 0.6/3

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

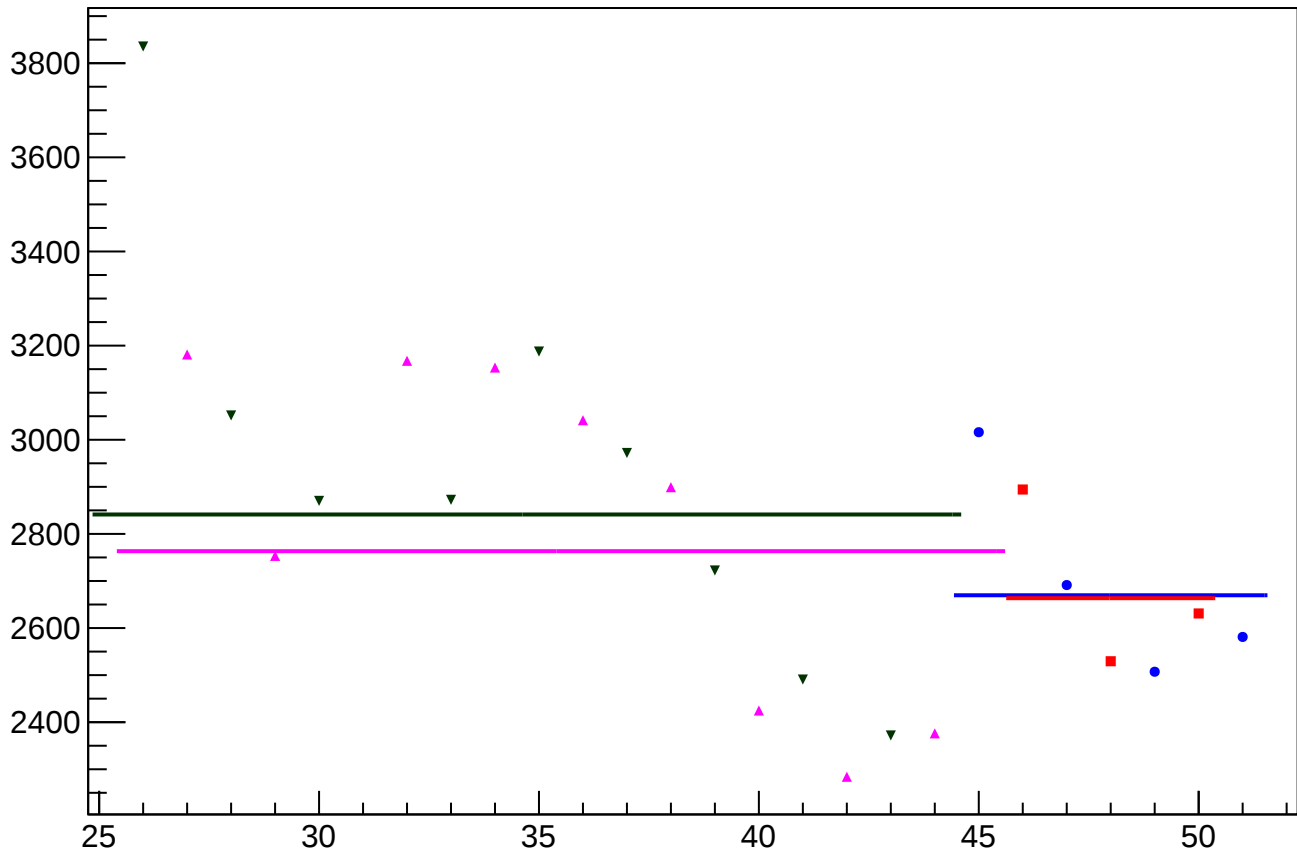
Right Out: -204.389+/-2254.605 χ^2/NDF : 1.0/2

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

496.717+/-1071.800 χ^2/NDF : 10.5/12

1357.338+/-1042.482 χ^2/NDF : 10.2/11

cor_sam6_rms vs slug



Right In: 2669.663+/-1.329 χ^2/NDF : 24159.5/3

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

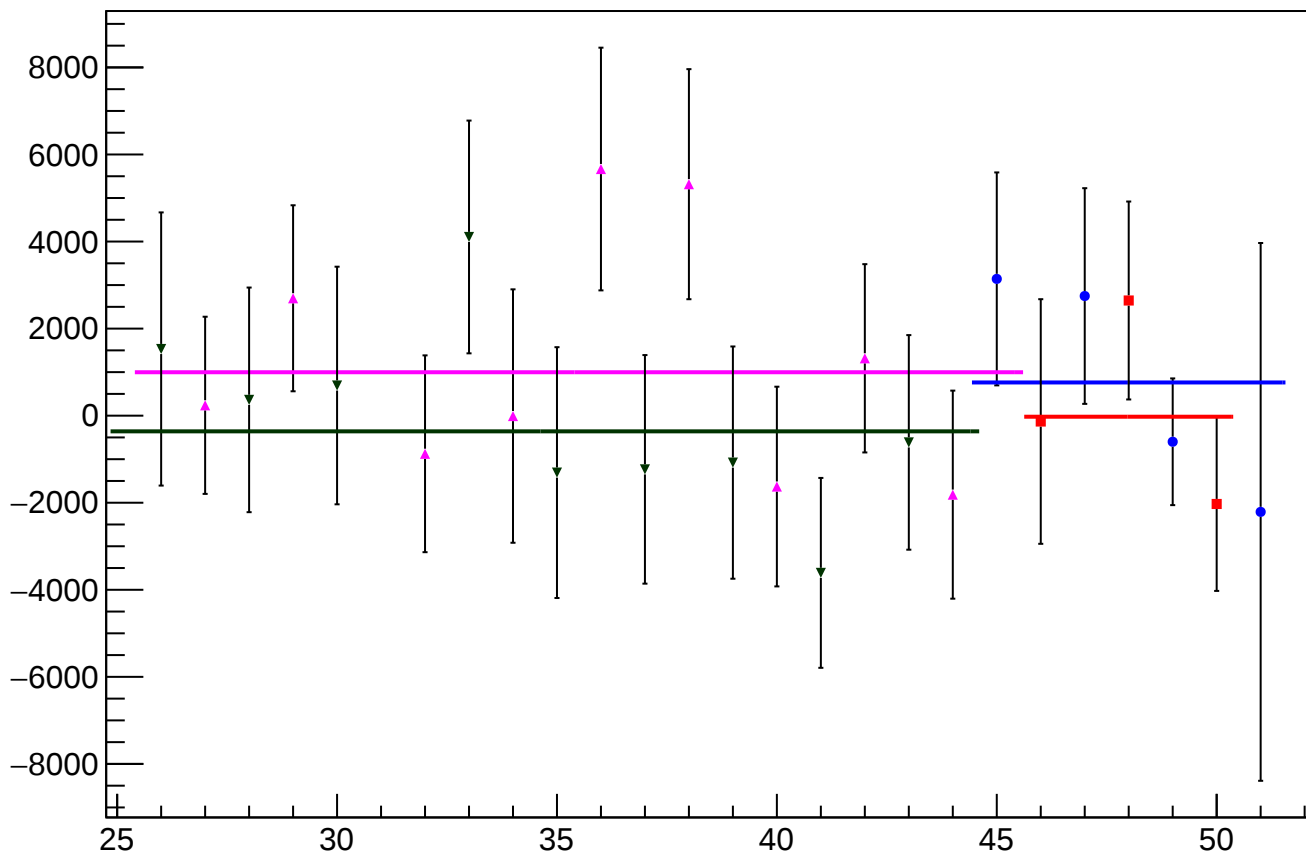
Right Out: 2663.450+/-1.594 χ^2/NDF : 8021.2/2

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

2785.459+/-0.758 χ^2/NDF : 184110.5/12

2741.978+/-0.737 χ^2/NDF : 187413.1/11

cor_sam7_mean vs slug



Right In: 762.785 ± 1098.688 $\chi^2/\text{NDF}: 2.7/3$

Left Out: -360.260 ± 874.765 $\chi^2/\text{NDF}: 5.9/8$

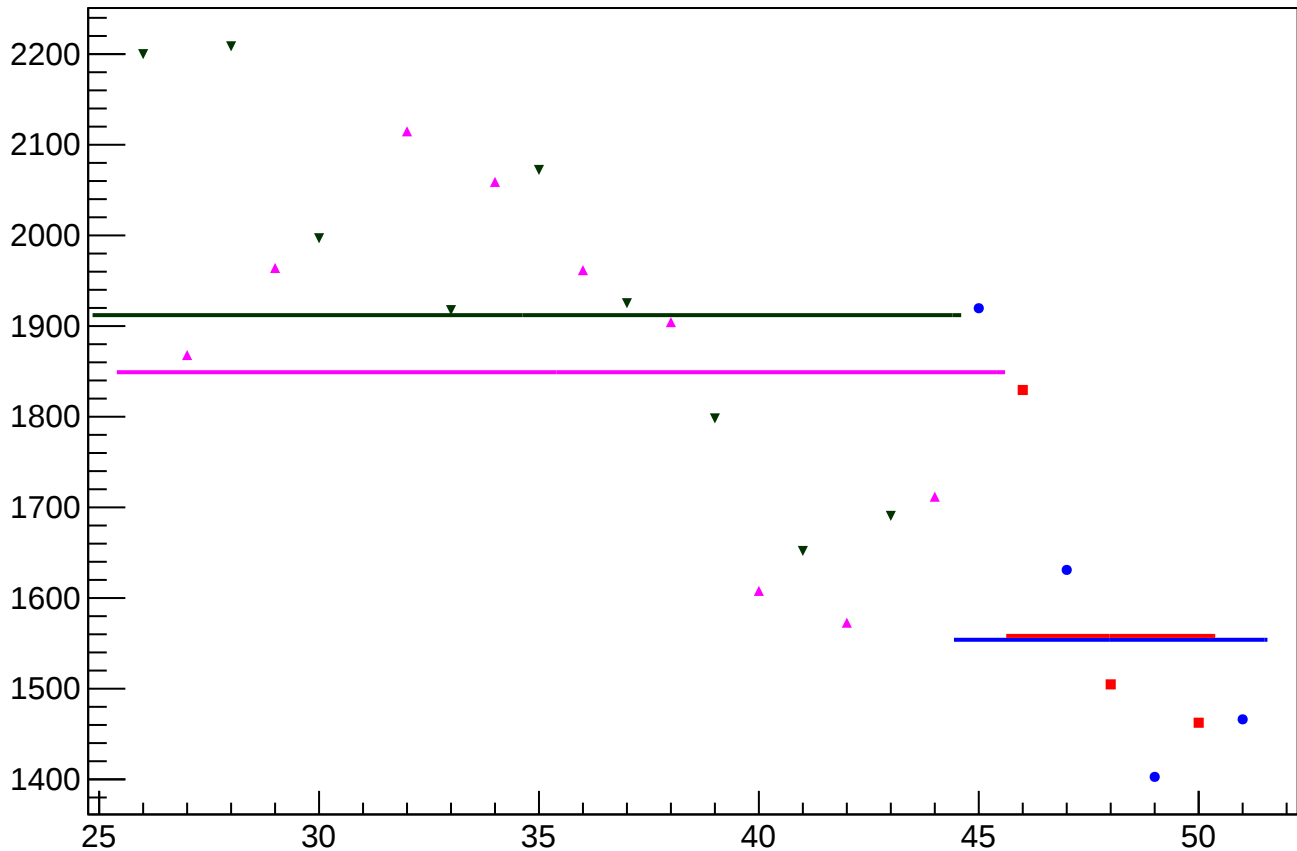
Right Out: -24.184 ± 1323.532 $\chi^2/\text{NDF}: 2.4/2$

Left In: 997.468 ± 784.441 $\chi^2/\text{NDF}: 9.8/8$

75.453 ± 684.346 $\chi^2/\text{NDF}: 9.2/12$

731.879 ± 674.820 $\chi^2/\text{NDF}: 12.6/11$

cor_sam7_rms vs slug



Right In: 1553.969+/-0.777 χ^2/NDF : 68651.2/3

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

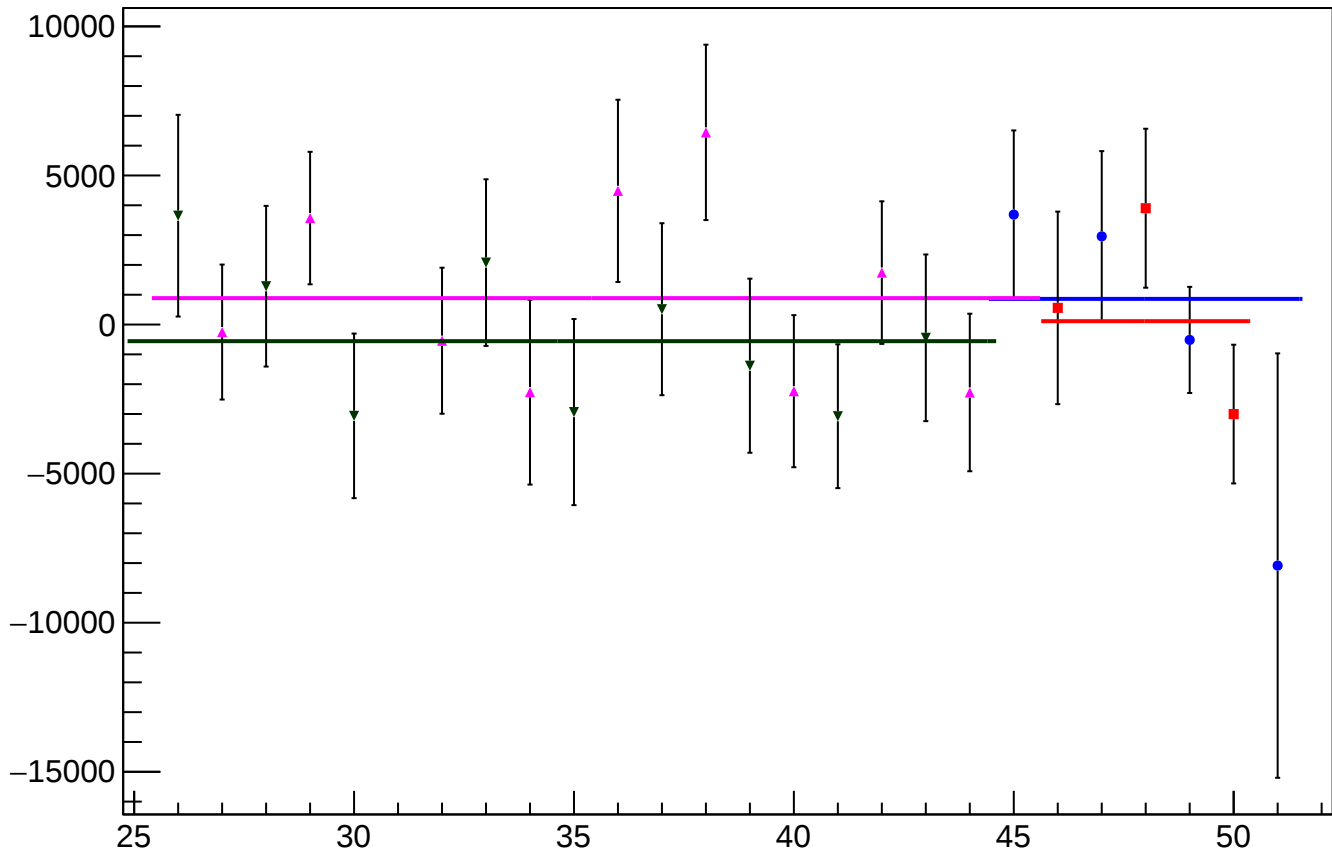
Right Out: 1558.240+/-0.936 χ^2/NDF : 24348.4/2

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1773.131+/-0.484 χ^2/NDF : 298344.5/12

1773.487+/-0.477 χ^2/NDF : 205328.4/11

cor_sam8_mean vs slug



Right In: 860.774 ± 1309.251 χ^2/NDF : 3.7/3

Left Out: -557.273 ± 942.969 χ^2/NDF : 5.6/8

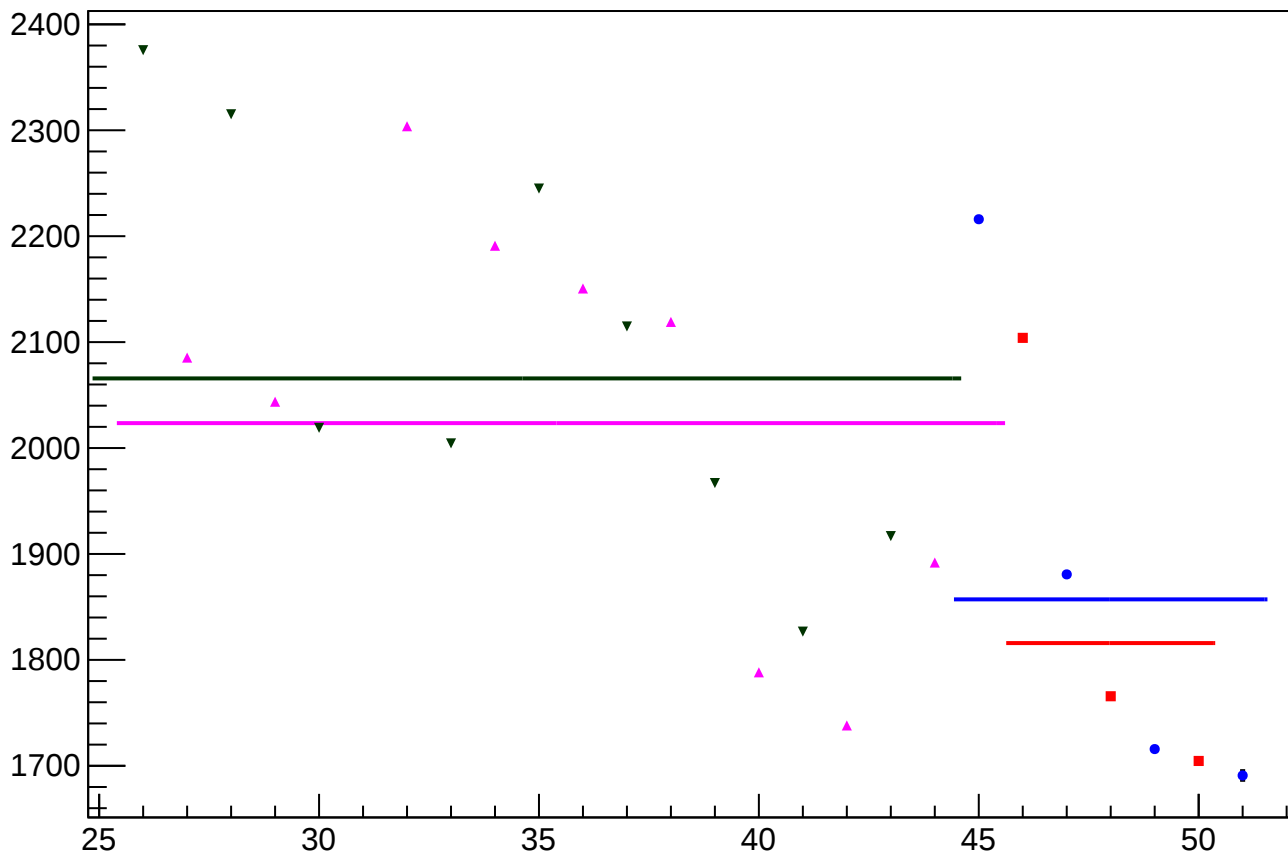
Right Out: 113.153 ± 1540.283 χ^2/NDF : 3.8/2

Left In: 886.158 ± 856.437 χ^2/NDF : 11.1/8

-72.927 ± 765.166 χ^2/NDF : 10.1/12

703.610 ± 748.511 χ^2/NDF : 15.1/11

cor_sam8_rms vs slug



Right In: 1857.129+/-0.926 χ^2/NDF : 46160.1/3

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

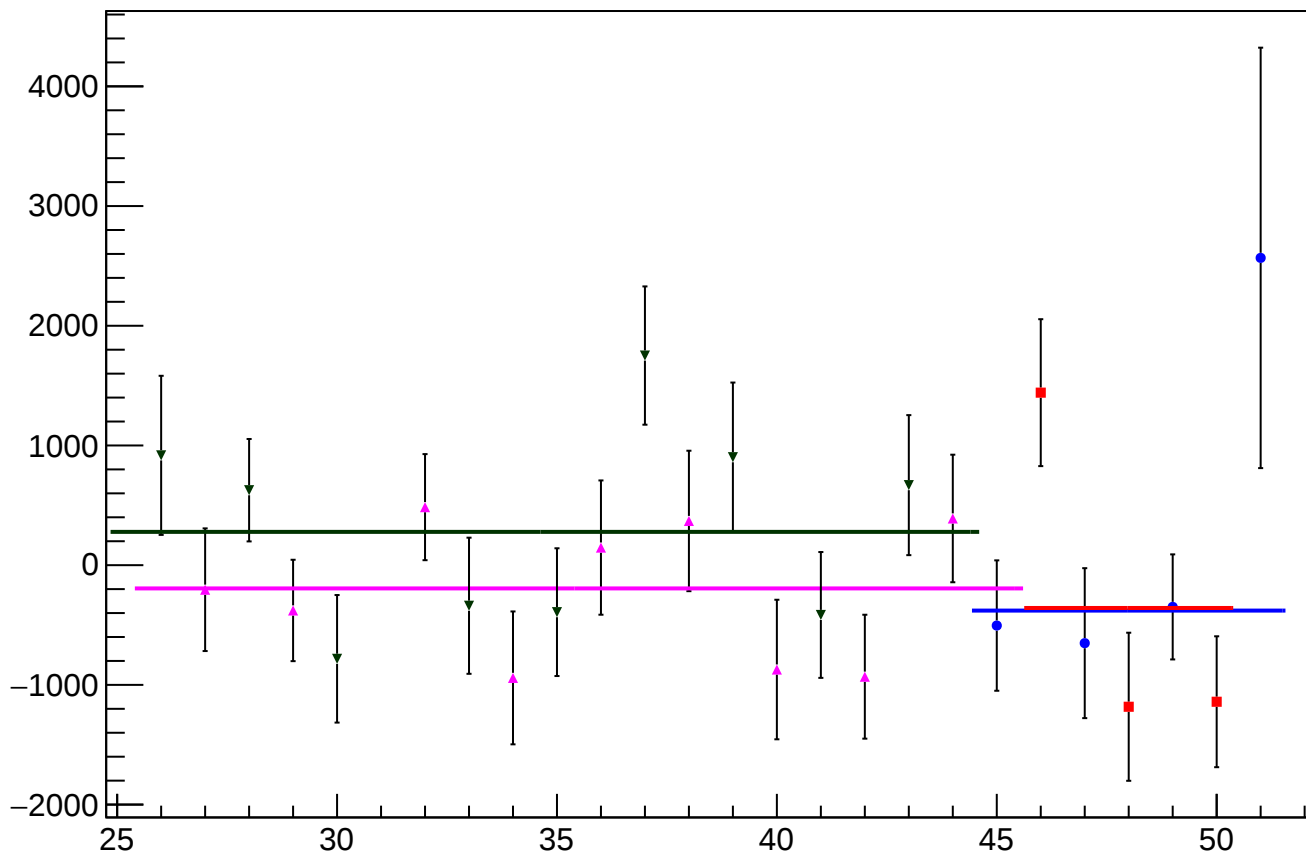
Right Out: 1815.868+/-1.089 χ^2/NDF : 21215.0/2

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1994.480+/-0.541 χ^2/NDF : 149821.8/12

1974.481+/-0.529 χ^2/NDF : 138756.0/11

reg_asym_sam1_mean vs slug



Right In: -379.366+/-295.705 χ^2/NDF : 3.1/3

Left Out: 278.172+/-182.670 χ^2/NDF :18.0/8

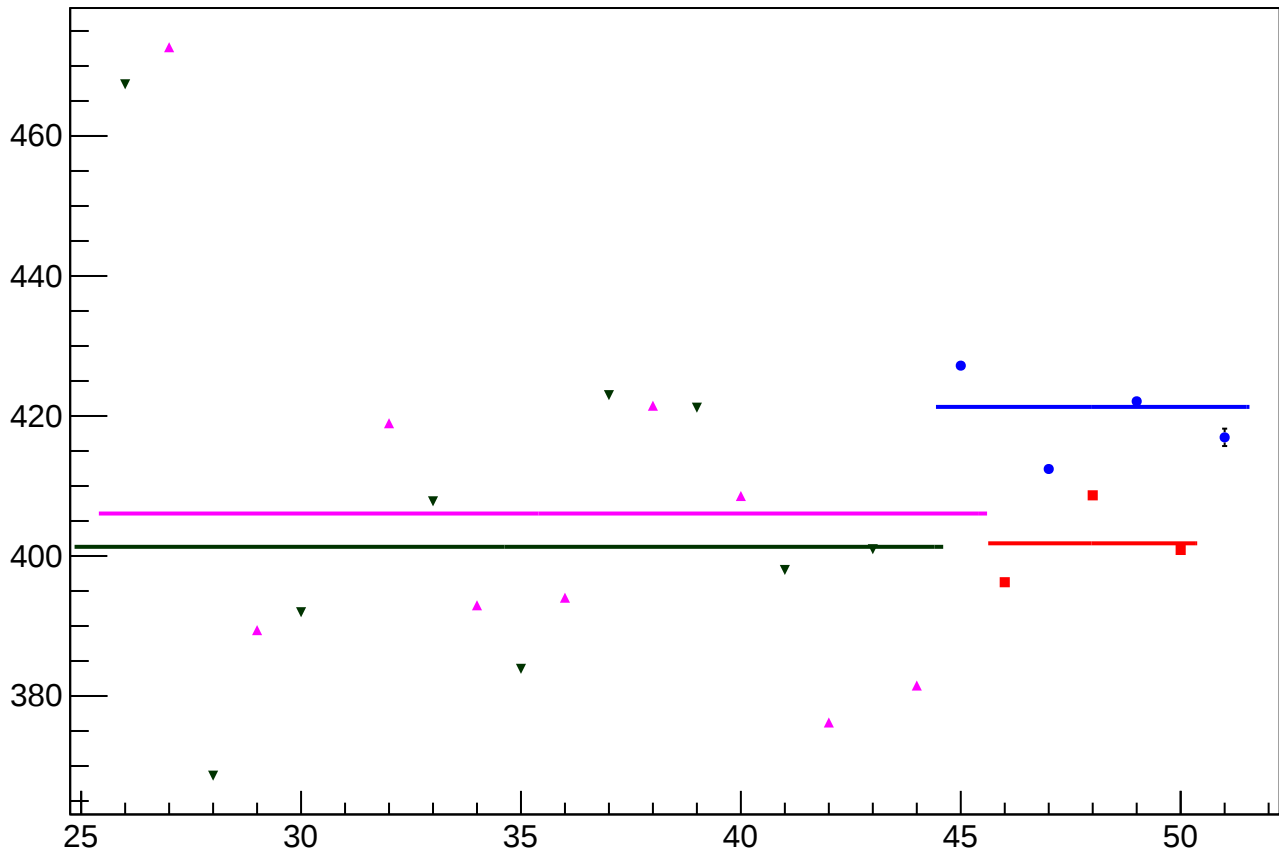
Right Out: -357.578+/-340.714 χ^2/NDF : 12.4/2

Left In: -194.244+/-171.477 χ^2/NDF :10.2/8

96.557+/-155.408 χ^2/NDF : 24.6/12

-227.254+/-153.172 χ^2/NDF : 22.8/11

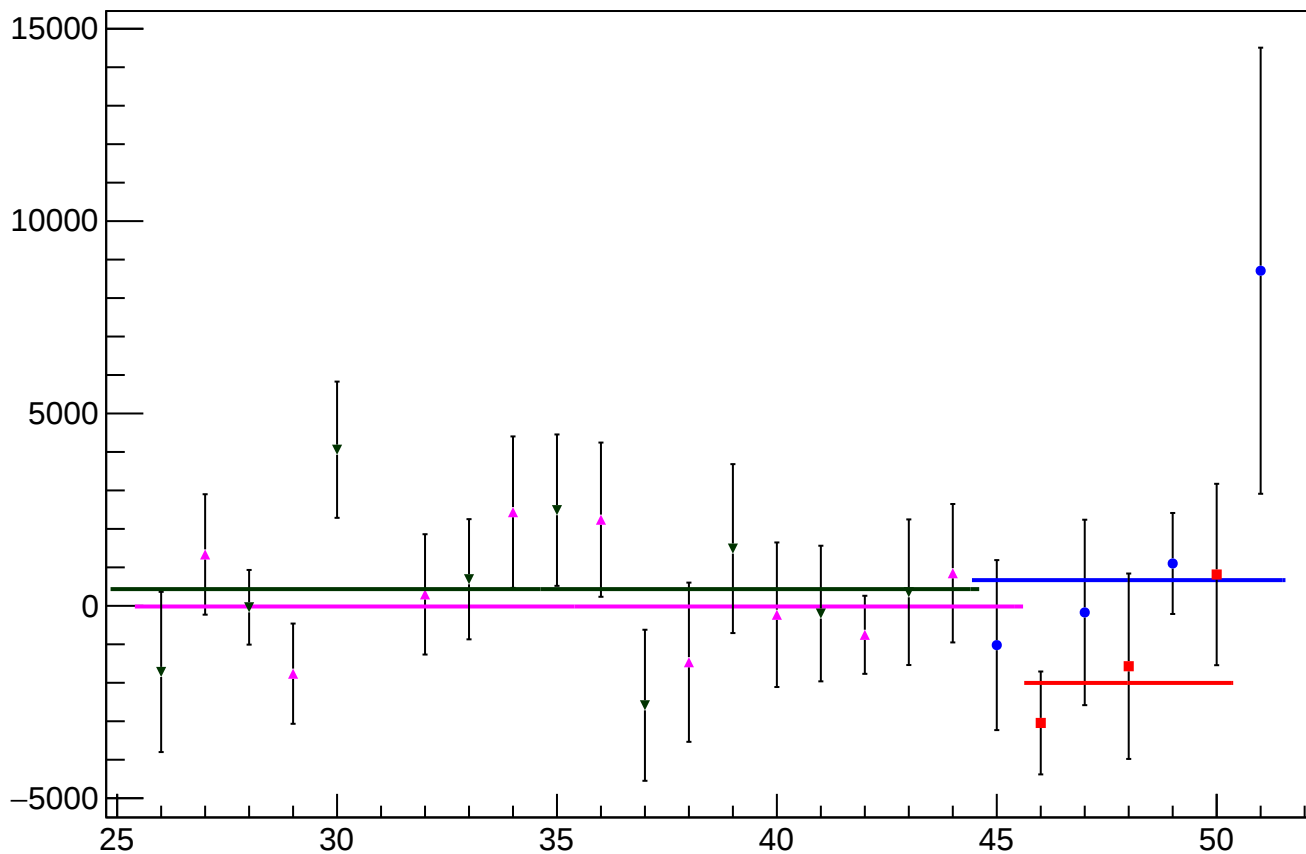
reg_asym_sam1_rms vs slug



Right In: 421.298+/-0.209 χ^2/NDF : 654.2/3
 Left Out: 401.310+/-0.129 χ^2/NDF : 39388.5/8
 Right Out: 401.809+/-0.241 χ^2/NDF : 415.8/2
 Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

406.831+/-0.110 χ^2/NDF : 46656.5/12
 405.206+/-0.108 χ^2/NDF : 53618.1/11

asym_sam1_correction_mean vs slug



Right In: 668.232 ± 1006.491 χ^2/NDF : 2.7/3

Left Out: 434.930 ± 546.579 χ^2/NDF : 9.3/8

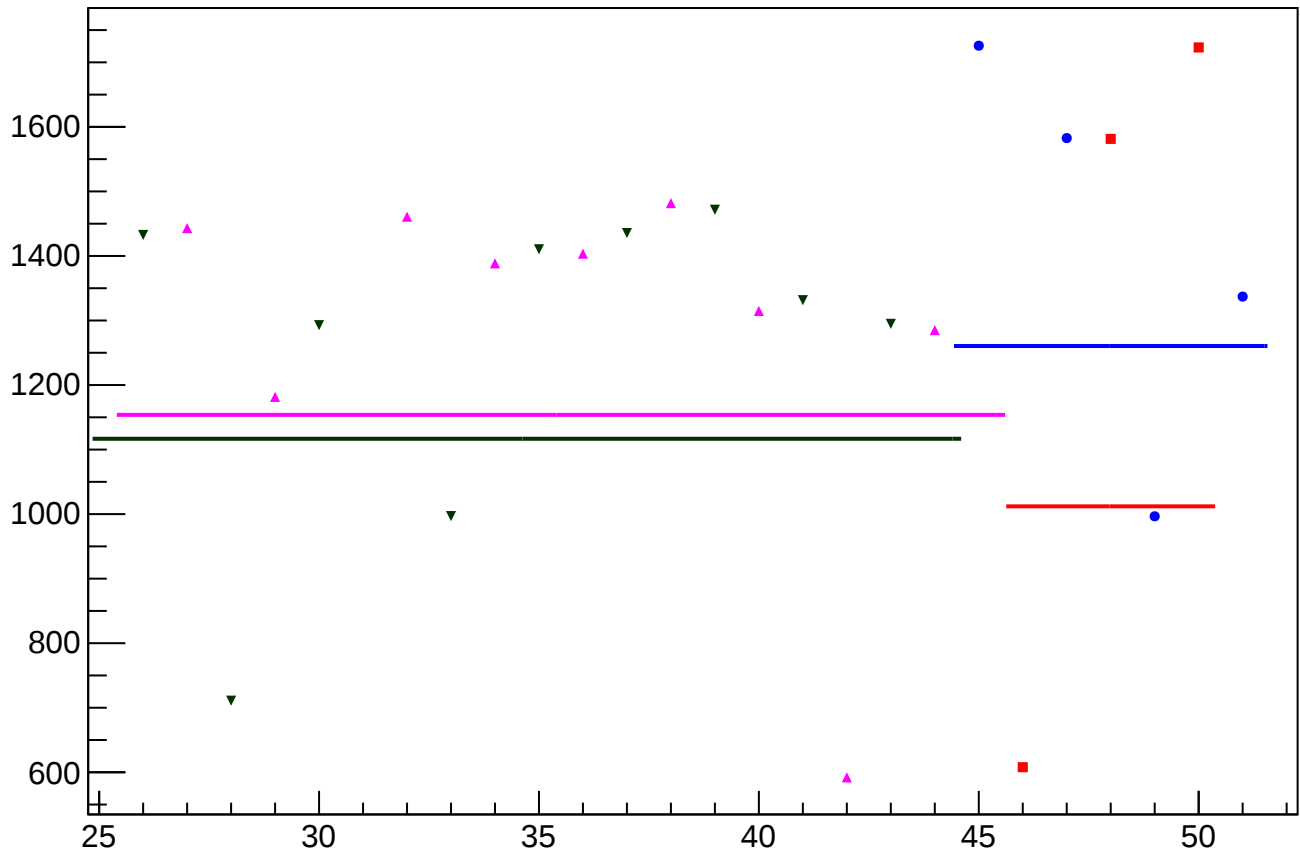
Right Out: -2003.660 ± 1047.532 χ^2/NDF : 2.1/2

Left In: -17.108 ± 519.136 χ^2/NDF : 6.7/8

488.063 ± 480.323 χ^2/NDF : 12.1/12

-408.804 ± 465.149 χ^2/NDF : 11.6/11

asym_sam1_correction_rms vs slug



Right In: 1260.441 $\pm$ 0.712 χ^2/NDF : 205608.5/3

Left Out: 1116.751 $\pm$ 0.386 χ^2/NDF : 624096.5/8

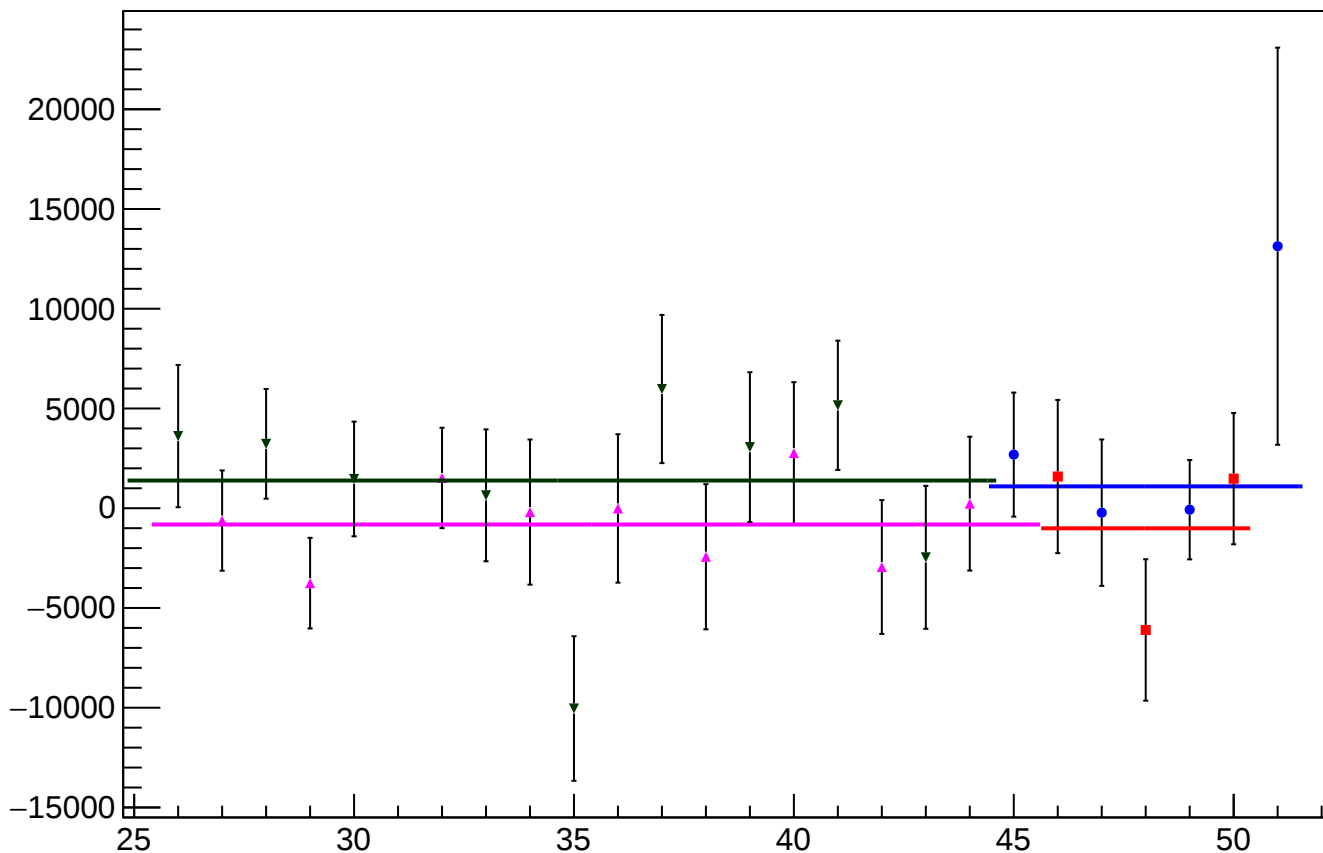
Right Out: 1012.032 $\pm$ 0.741 χ^2/NDF : 476274.0/2

Left In: 1153.785 $\pm$ 0.367 χ^2/NDF : 894420.7/8

1149.475 $\pm$ 0.340 χ^2/NDF : 861184.3/12

1125.835 $\pm$ 0.329 χ^2/NDF : 1400097.1/11

reg_asym_sam2_mean vs slug



Right In: 1095.323+/-1692.750 χ^2/NDF : 2.1/3

Left Out: 1388.791+/-1106.824 χ^2/NDF : 15.1/8

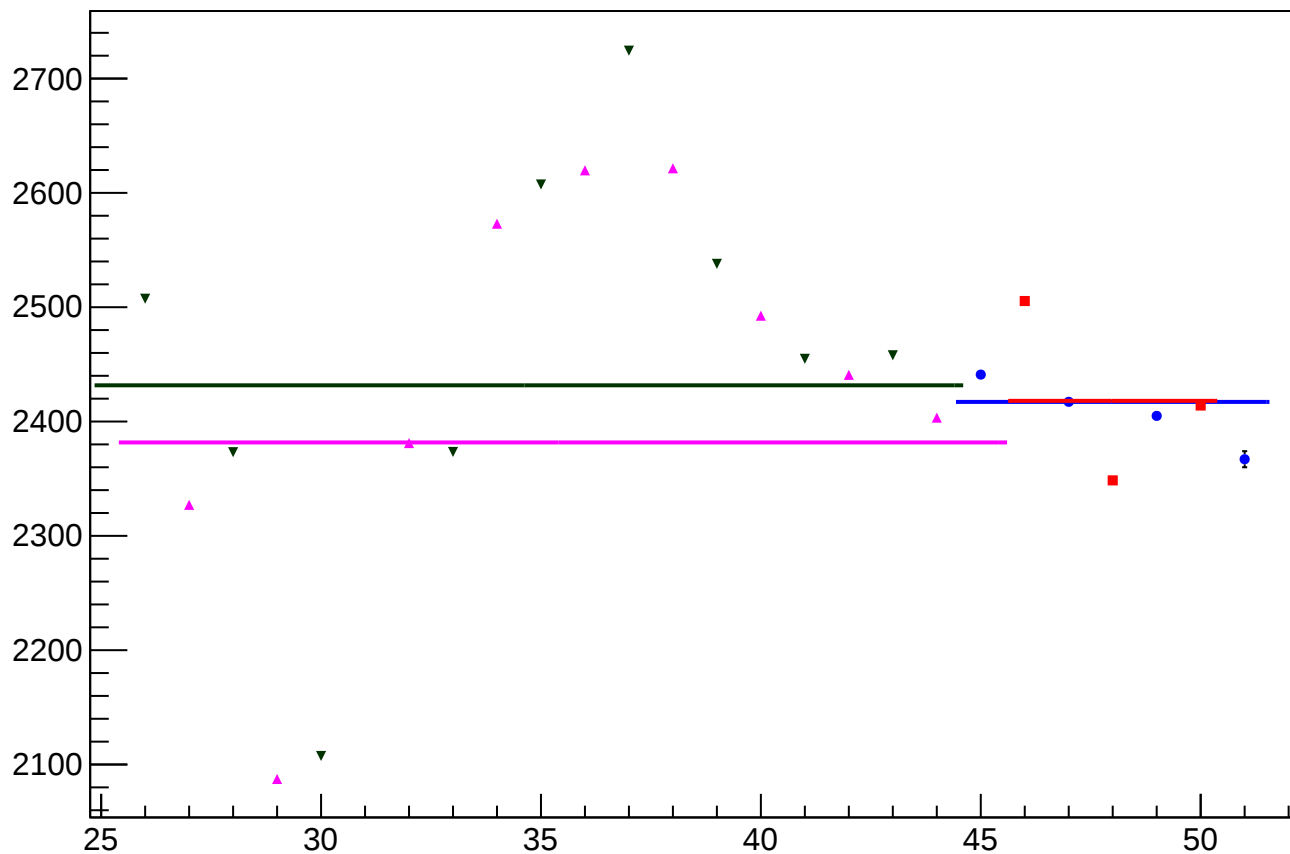
Right Out: -1006.316+/-2042.589 χ^2/NDF : 3.1/2

Left In: -815.233+/-1004.854 χ^2/NDF : 4.3/8

1300.900+/-926.372 χ^2/NDF : 17.2/12

-852.467+/-901.653 χ^2/NDF : 7.4/11

reg_asym_sam2_rms vs slug



Right In: 2417.165+/-1.197 χ^2/NDF : 216.9/3

Left Out: 2431.683+/-0.783 χ^2/NDF : 46819.5/8

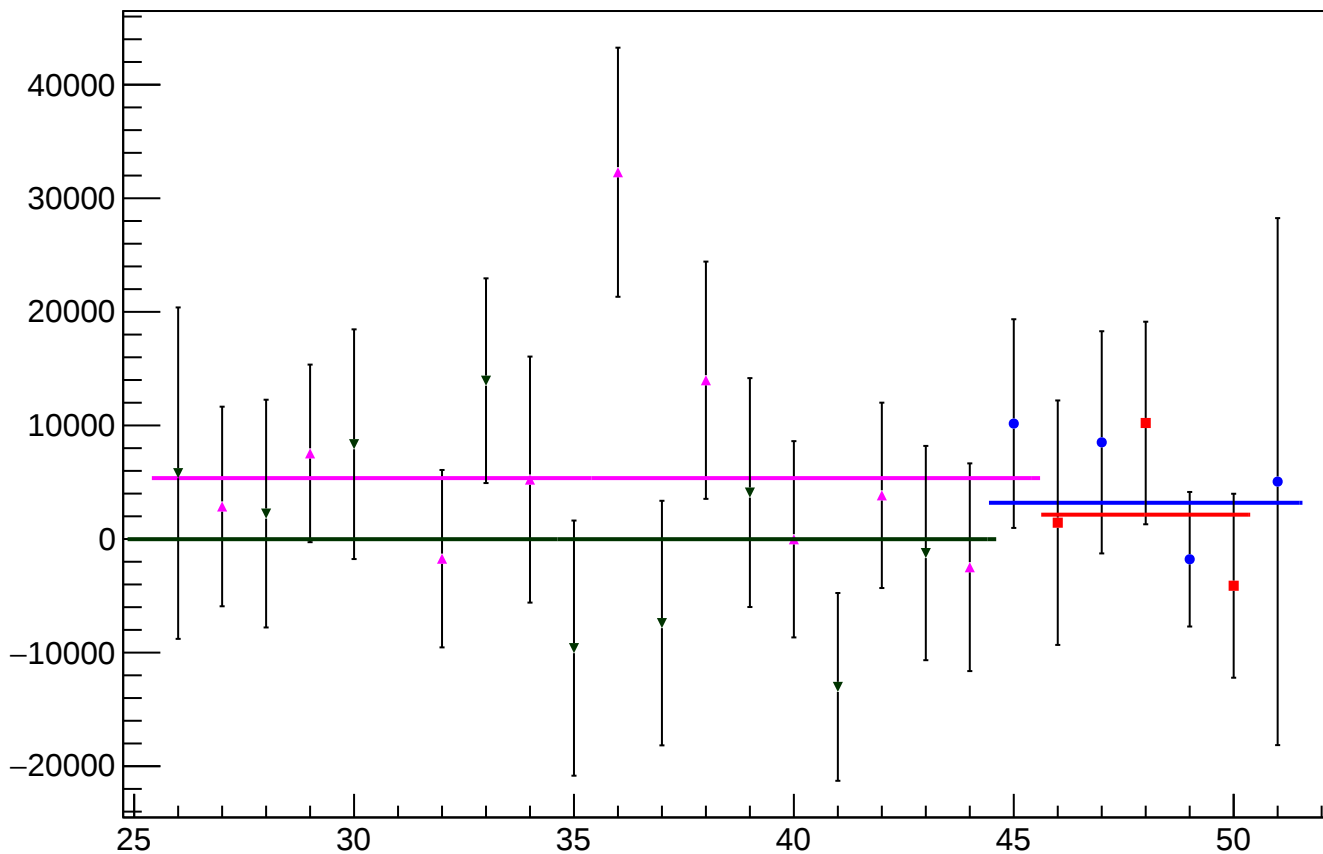
Right Out: 2418.108+/-1.444 χ^2/NDF : 1807.0/2

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

2427.335+/-0.655 χ^2/NDF : 47139.4/12

2388.802+/-0.638 χ^2/NDF : 61907.2/11

asym_sam2_correction_mean vs slug



Right In: 3191.590 ± 4357.477 χ^2/NDF : 1.6/3

Left Out: -13.656 ± 3351.634 χ^2/NDF : 7.1/8

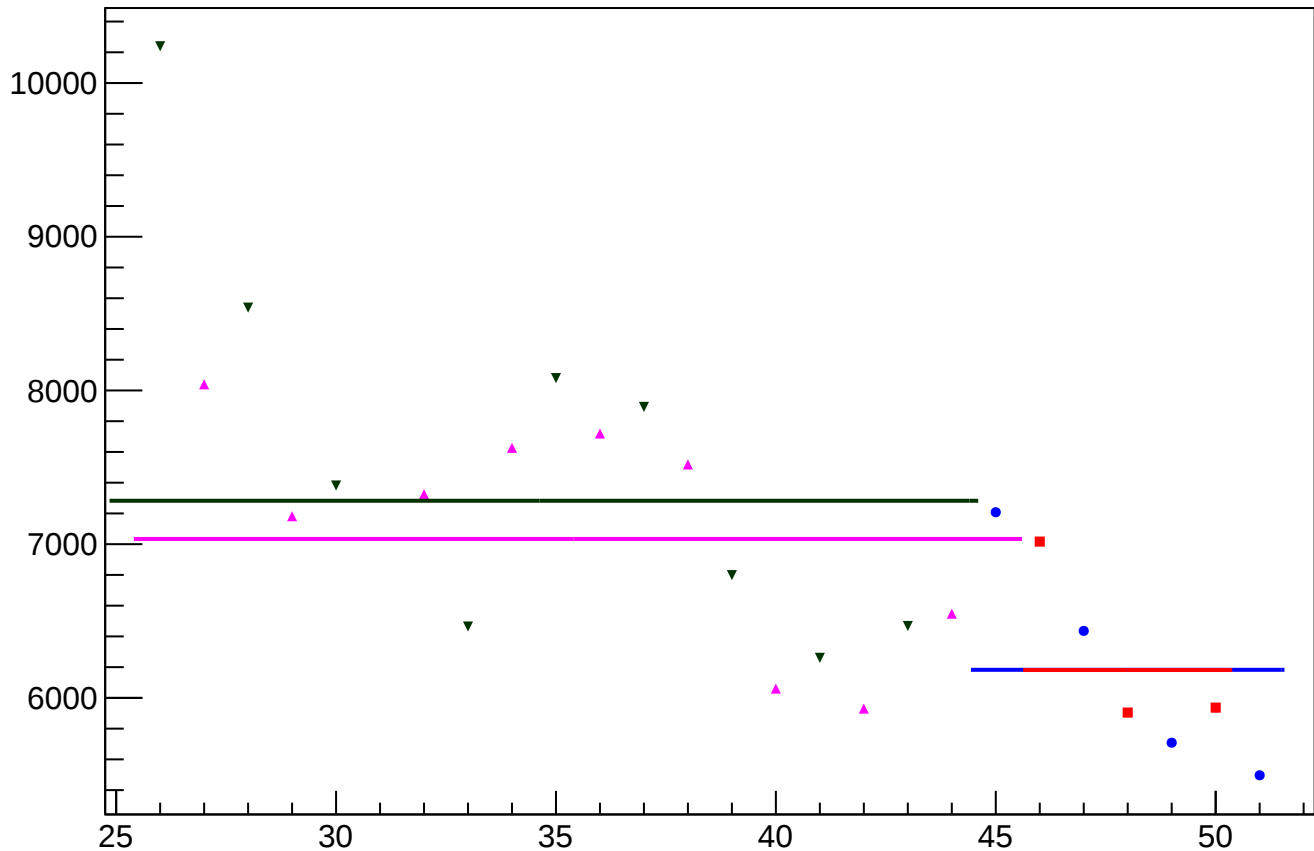
Right Out: 2144.531 ± 5237.118 χ^2/NDF : 1.4/2

Left In: 5363.340 ± 2986.715 χ^2/NDF : 8.9/8

1177.764 ± 2656.665 χ^2/NDF : 9.1/12

4573.382 ± 2594.458 χ^2/NDF : 10.6/11

asym_sam2_correction_rms vs slug



Right In: 6182.722 ± 3.081 χ^2/NDF : 40817.3/3

Left Out: 7282.484 ± 2.370 χ^2/NDF : 196859.8/8

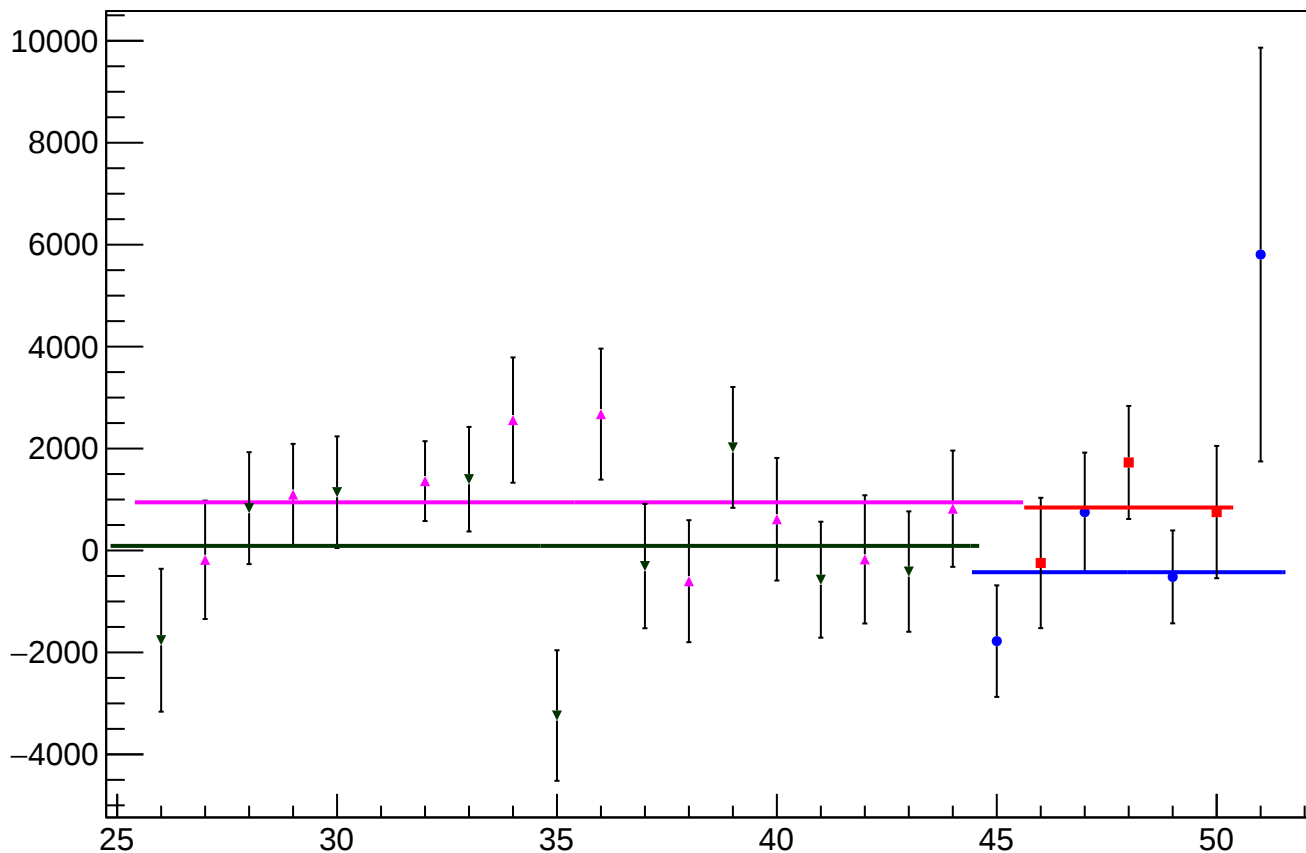
Right Out: 6181.356 ± 3.703 χ^2/NDF : 15808.5/2

Left In: 7034.023 ± 2.112 χ^2/NDF : 115477.2/8

6873.692 ± 1.879 χ^2/NDF : 317719.0/12

6824.762 ± 1.835 χ^2/NDF : 171290.3/11

reg_asym_sam3_mean vs slug



Right In: -425.899+/-594.283 χ^2/NDF : 4.9/3

Left Out: 90.339+/-389.088 χ^2/NDF :14.8/8

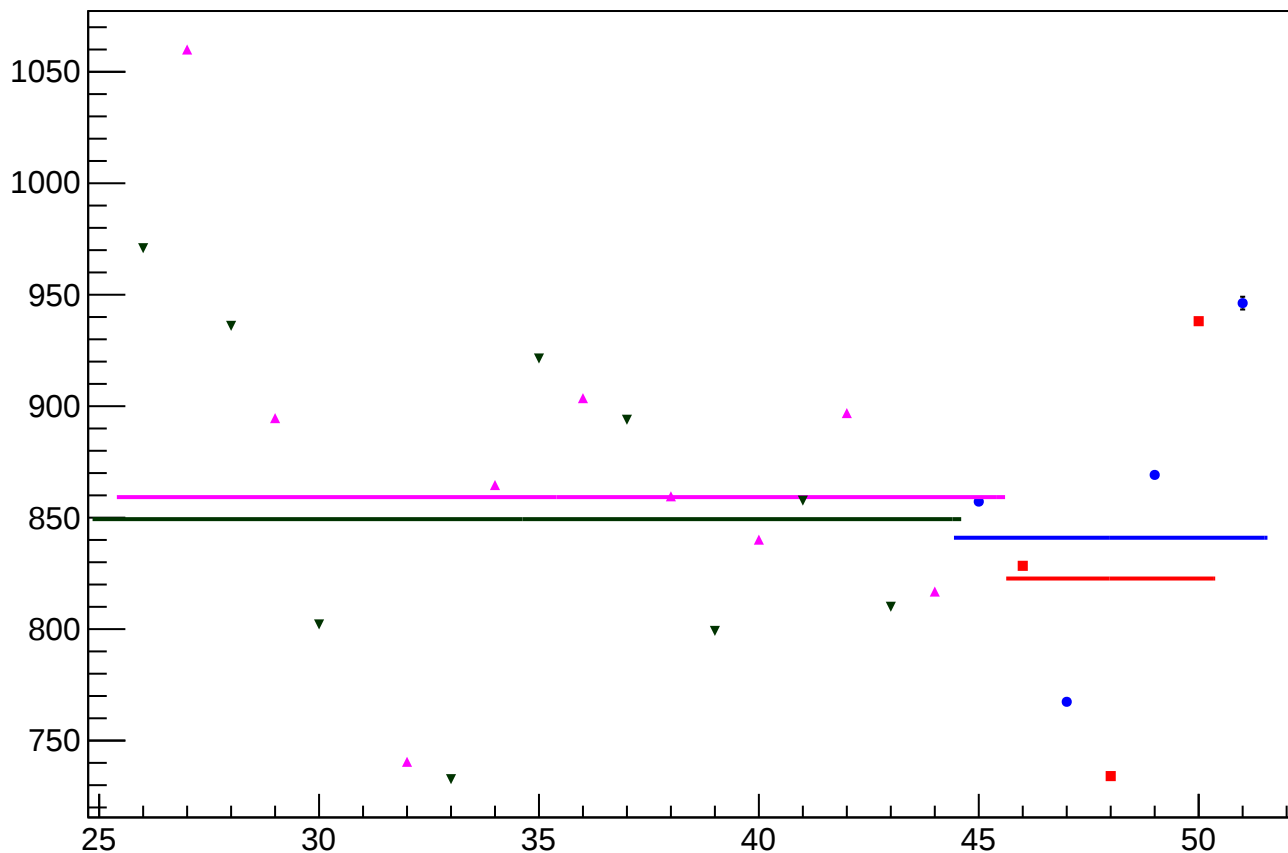
Right Out: 843.080+/-703.871 χ^2/NDF : 1.4/2

Left In: 944.816+/-366.628 χ^2/NDF :7.3/8

-64.554+/-325.525 χ^2/NDF : 20.2/12

923.104+/-325.162 χ^2/NDF : 8.7/11

reg_asym_sam3_rms vs slug



Right In: 840.992 ± 0.420 χ^2/NDF : 11624.0/3

Left Out: 849.335 ± 0.275 χ^2/NDF : 71988.4/8

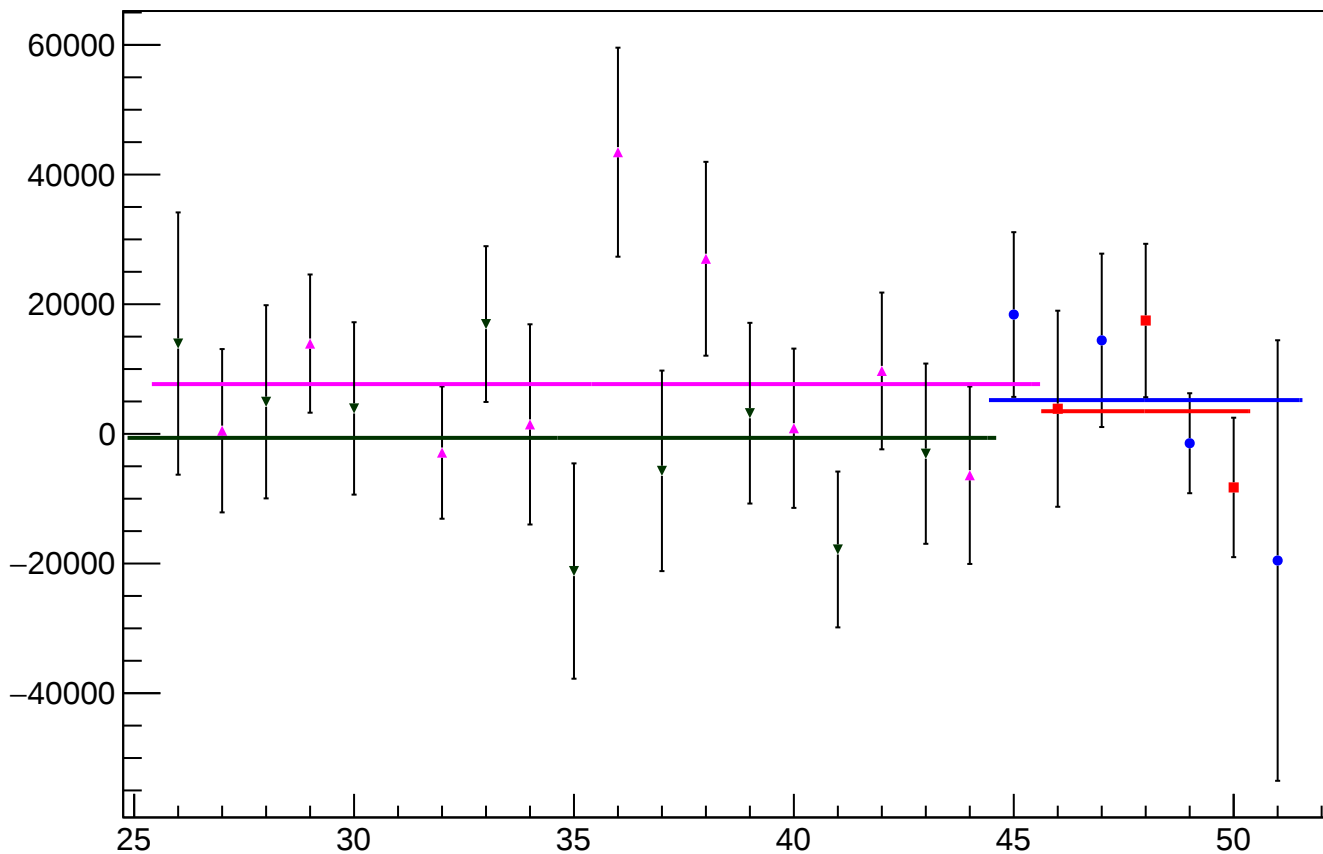
Right Out: 822.693 ± 0.498 χ^2/NDF : 28635.5/2

Left In: 859.215 ± 0.259 χ^2/NDF : 115716.9/8

846.831 ± 0.230 χ^2/NDF : 83888.3/12

851.421 ± 0.230 χ^2/NDF : 148587.9/11

asym_sam3_correction_mean vs slug



Right In: 5209.823+/-5825.016 χ^2/NDF : 2.8/3

Left Out: -616.435+/-4735.998 χ^2/NDF : 6.7/8

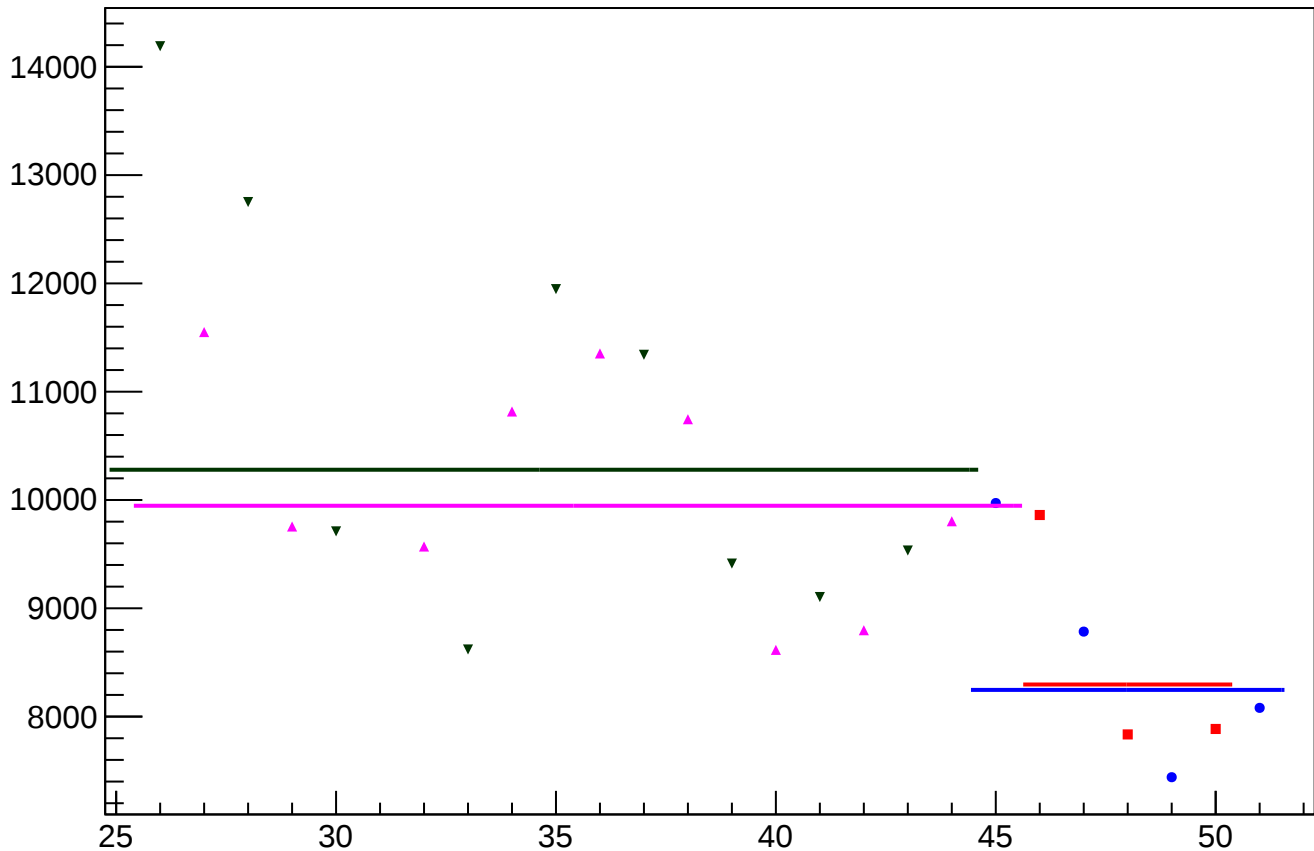
Right Out: 3495.116+/-7042.452 χ^2/NDF : 2.6/2

Left In: 7678.057+/-4224.700 χ^2/NDF : 9.9/8

1702.230+/-3674.695 χ^2/NDF : 10.1/12

6571.105+/-3622.825 χ^2/NDF : 12.7/11

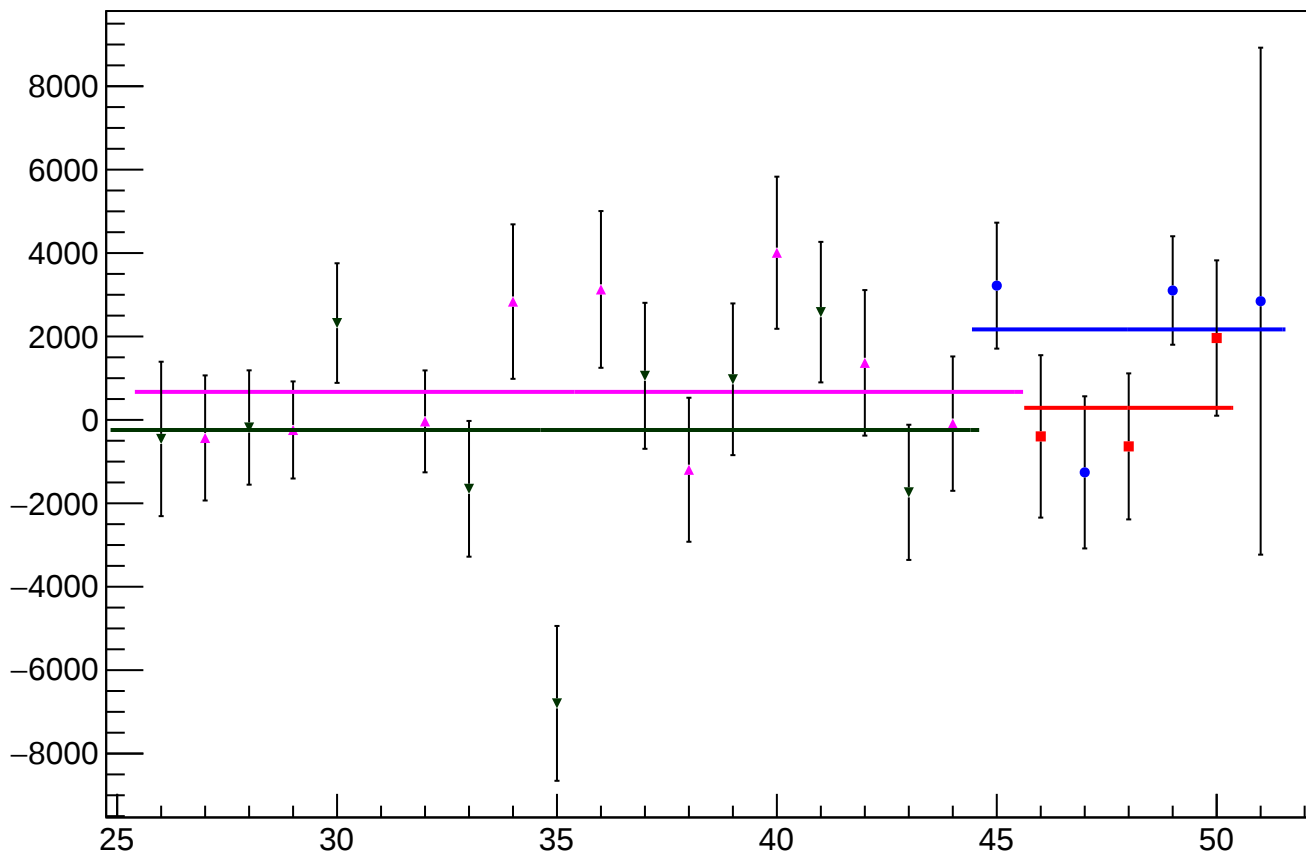
asym_sam3_correction_rms vs slug



Right In: 8246.378 ± 4.119 χ^2/NDF : 62049.0/3
 Left Out: 10279.392 ± 3.349 χ^2/NDF : 233836.0/8
 Right Out: 8296.255 ± 4.980 χ^2/NDF : 27373.2/2
 Left In: 9946.833 ± 2.987 χ^2/NDF : 104837.7/8

9470.318 ± 2.598 χ^2/NDF : 442553.2/12
 9510.032 ± 2.562 χ^2/NDF : 213000.7/11

reg_asym_sam4_mean vs slug



Right In: 2169.519+/-858.268 χ^2/NDF : 4.5/3

Left Out: -242.182+/-547.136 χ^2/NDF : 21.1/8

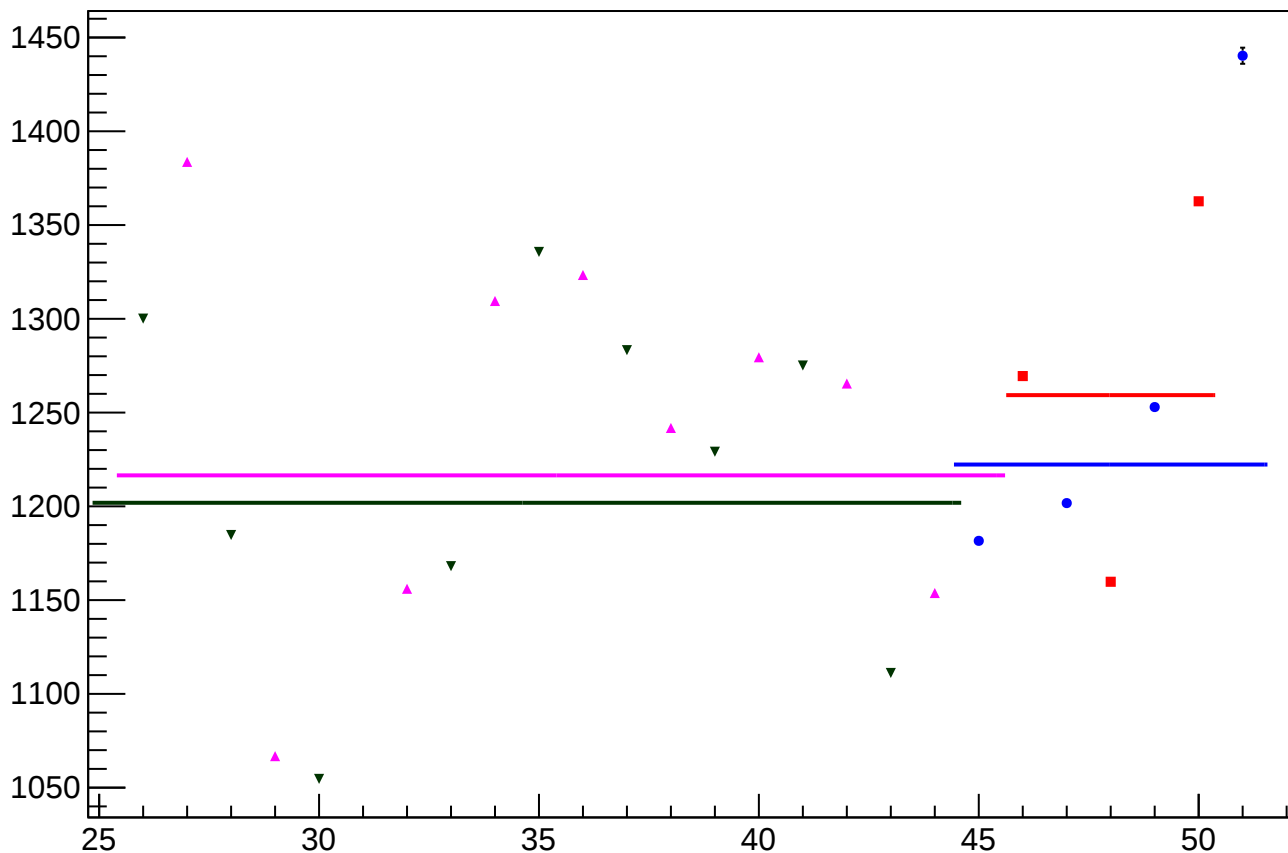
Right Out: 289.271+/-1066.977 χ^2/NDF : 1.2/2

Left In: 671.583+/-514.509 χ^2/NDF : 9.5/8

454.704+/-461.362 χ^2/NDF : 31.2/12

599.456+/-463.441 χ^2/NDF : 10.8/11

reg_asym_sam4_rms vs slug



Right In: 1222.295+/-0.607 χ^2/NDF : 5390.3/3

Left Out: 1201.899+/-0.387 χ^2/NDF : 53101.4/8

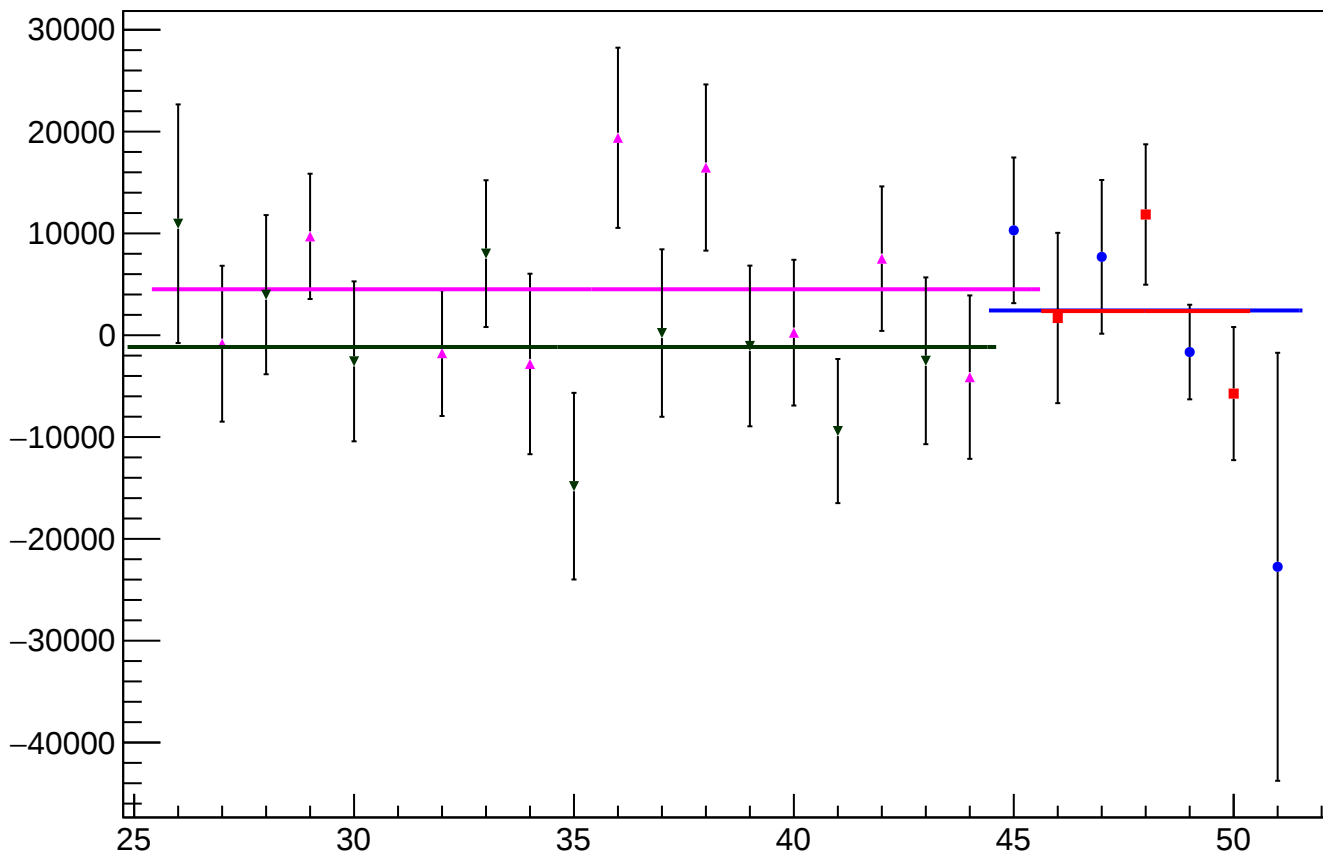
Right Out: 1259.305+/-0.754 χ^2/NDF : 12679.1/2

Left In: 1216.519+/-0.364 χ^2/NDF : 81775.0/8

1207.792+/-0.326 χ^2/NDF : 59294.8/12

1224.591+/-0.328 χ^2/NDF : 97063.4/11

asym_sam4_correction_mean vs slug



Right In: 2432.621 $\pm$ 3416.070 χ^2 /NDF: 3.9/3

Left Out: -1154.532 $\pm$ 2704.371 χ^2 /NDF: 6.8/8

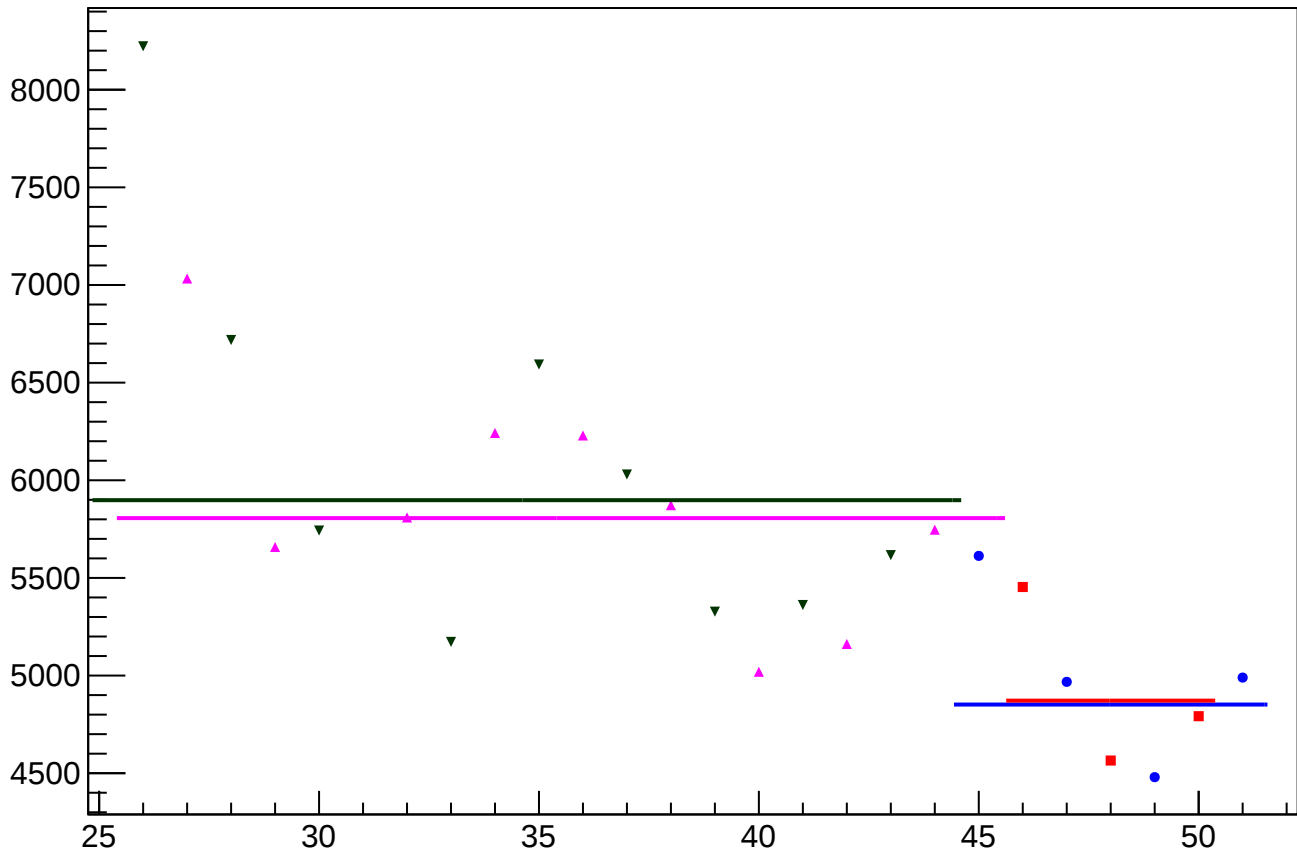
Right Out: 2372.626 $\pm$ 4125.869 χ^2 /NDF: 3.4/2

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

227.487 $\pm$ 2120.356 χ^2 /NDF: 11.4/12

3952.721 $\pm$ 2113.479 χ^2 /NDF: 13.2/11

asym_sam4_correction_rms vs slug



Right In: 4851.606+/-2.416 χ^2/NDF : 36025.8/3

Left Out: 5898.122+/-1.912 χ^2/NDF :158096.1/8

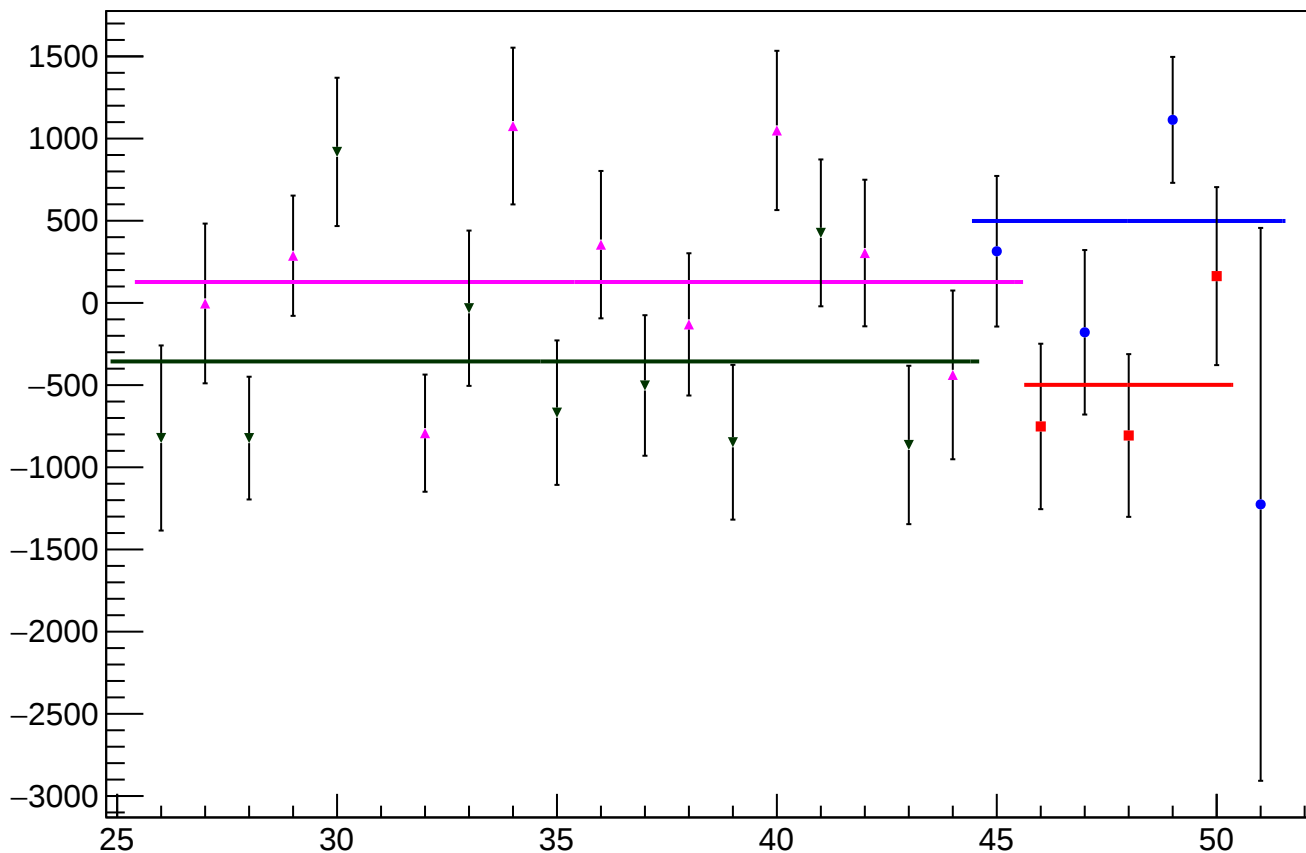
5494.932+/-1.499 χ^2/NDF : 309507.9/12

Right Out: 4871.677+/-2.917 χ^2/NDF : 13935.8/2

5561.013+/-1.494 χ^2/NDF : 192486.1/11

Left In: 5806.244+/-1.740 χ^2/NDF :102859.9/8

reg_asym_sam5_mean vs slug



Right In: 498.580+/-250.599 χ^2/NDF : 5.6/3

Left Out: -356.000+/-150.426 χ^2/NDF : 16.6/8

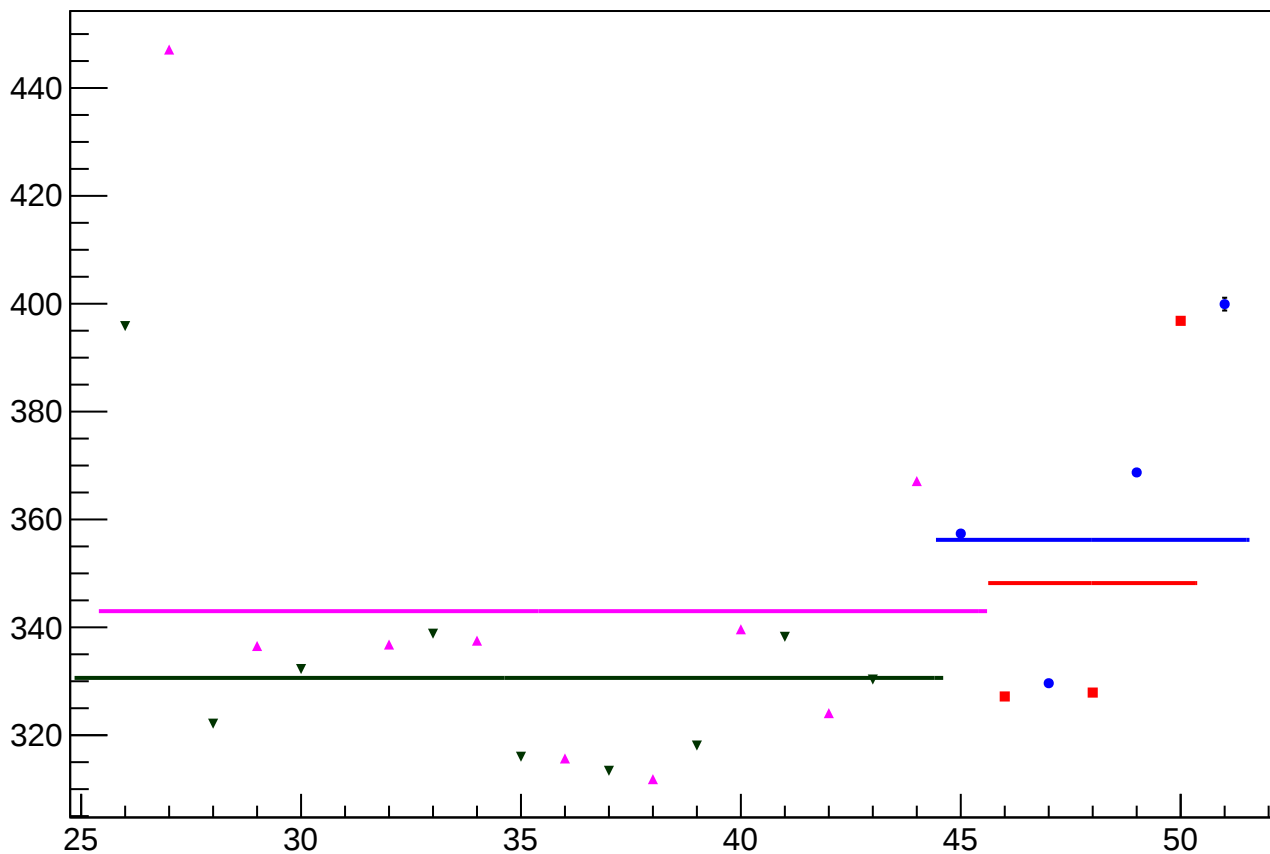
Right Out: -498.454+/-295.669 χ^2/NDF : 2.1/2

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-129.641+/-128.974 χ^2/NDF : 30.8/12

5.590+/-130.394 χ^2/NDF : 22.2/11

reg_asym_sam5_rms vs slug



Right In: 356.221+/-0.177 χ^2/NDF : 9135.2/3

Left Out: 330.623+/-0.106 χ^2/NDF : 35956.4/8

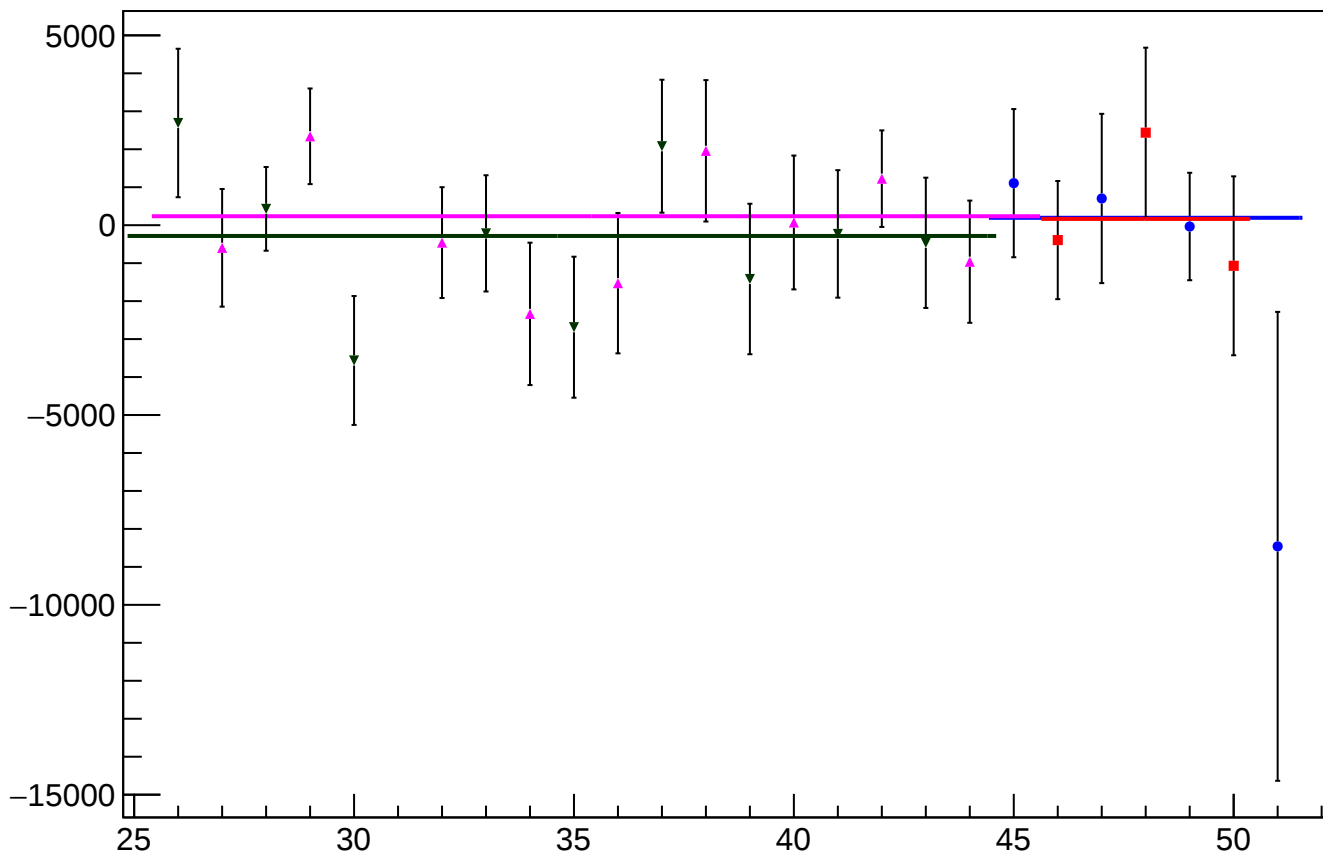
Right Out: 348.203+/-0.209 χ^2/NDF : 22980.9/2

Left In: 342.999+/-0.103 χ^2/NDF : 119222.1/8

337.403+/-0.091 χ^2/NDF : 60432.2/12

344.011+/-0.092 χ^2/NDF : 142702.2/11

asym_sam5_correction_mean vs slug



Right In: 195.009+/-1005.356 χ^2/NDF : 2.3/3

Left Out: -283.767+/-540.454 χ^2/NDF : 10.3/8

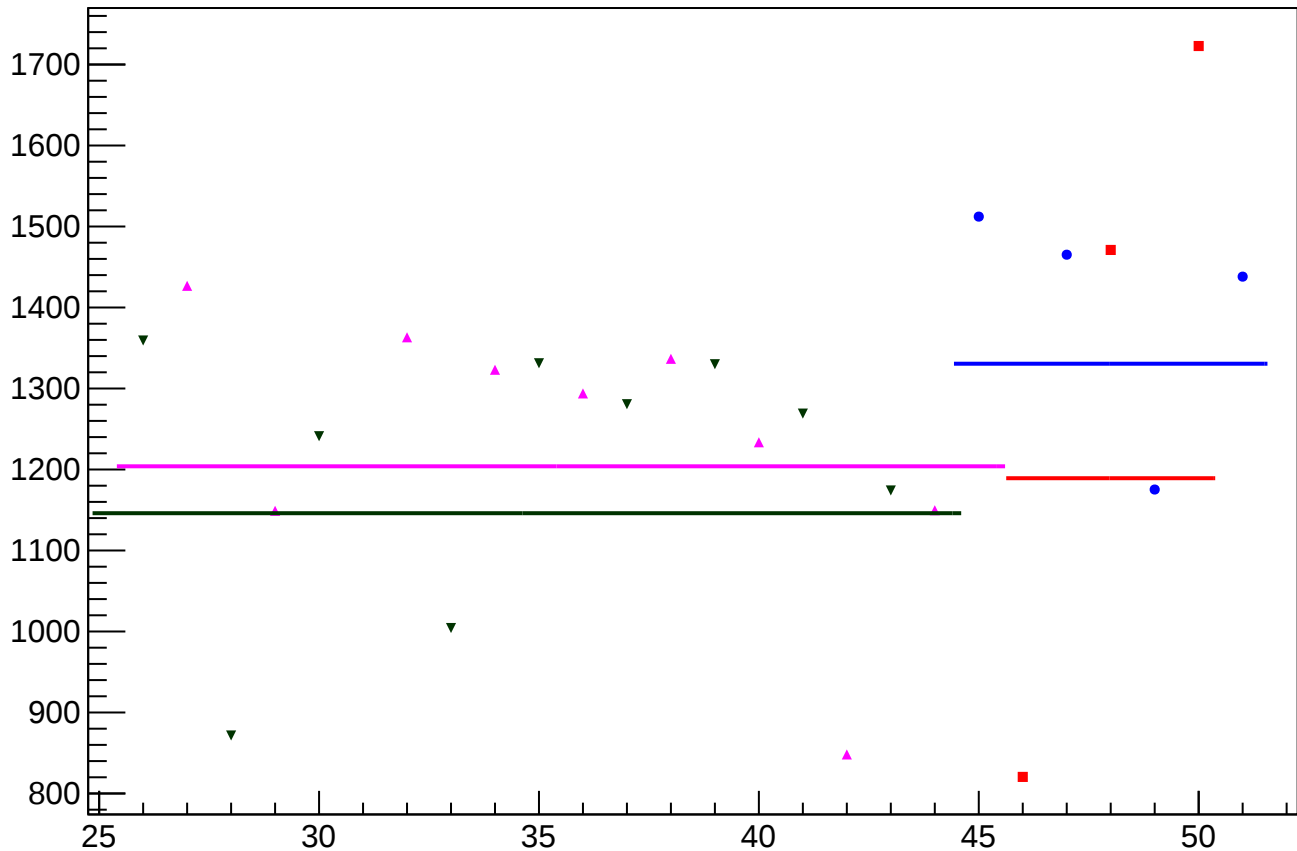
Right Out: 165.762+/-1123.162 χ^2/NDF : 1.4/2

Left In: 235.887+/-519.362 χ^2/NDF : 8.1/8

-176.427+/-476.030 χ^2/NDF : 12.7/12

223.534+/-471.403 χ^2/NDF : 9.6/11

asym_sam5_correction_rms vs slug



Right In: 1330.594+/-0.711 χ^2/NDF : 49314.2/3

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

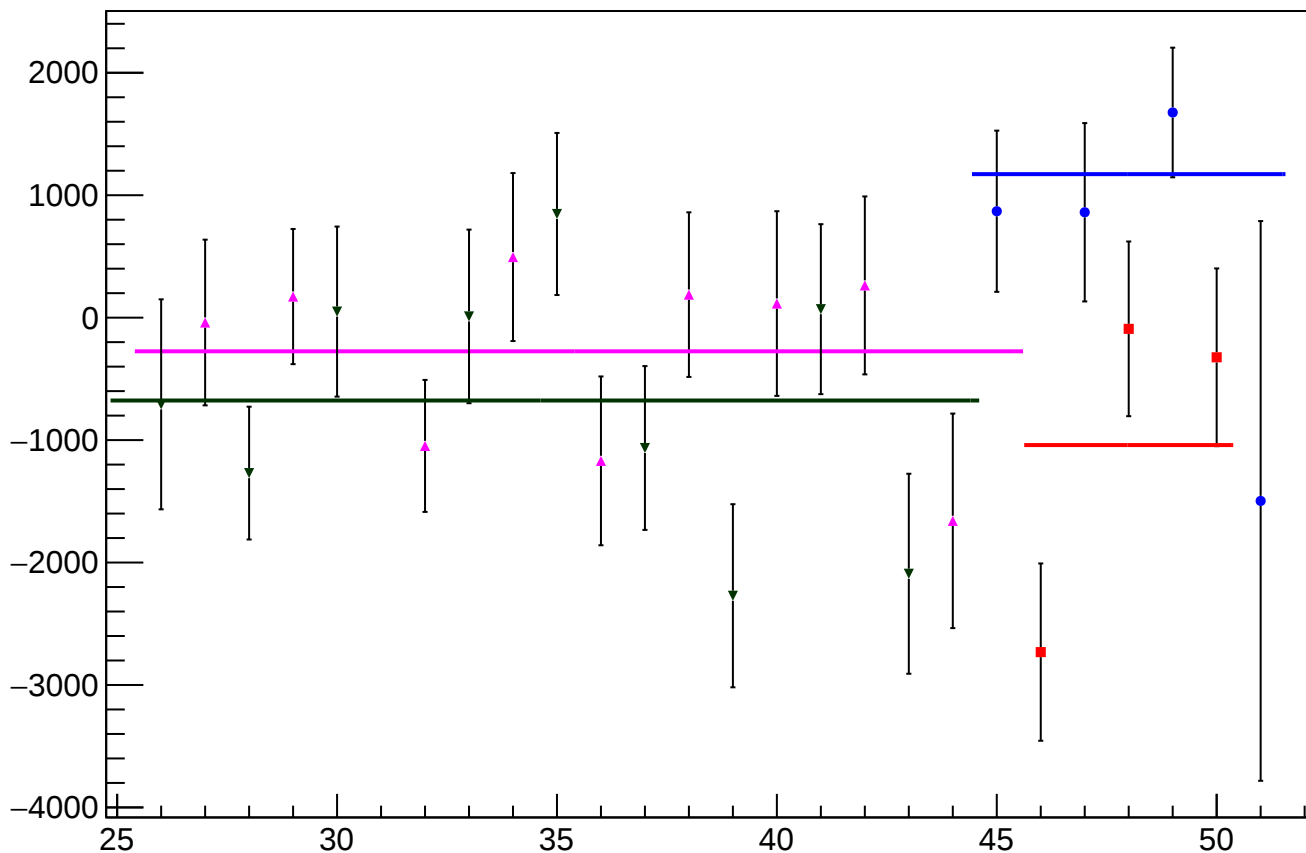
1187.414+/-0.337 χ^2/NDF : 332947.5/12

Right Out: 1189.234+/-0.794 χ^2/NDF : 246606.0/2

1201.356+/-0.333 χ^2/NDF : 498184.5/11

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

reg_asym_sam6_mean vs slug



Right In: 1172.116 $\pm$ 354.590 χ^2 /NDF: 2.7/3

Left Out: -676.628 $\pm$ 231.223 χ^2 /NDF:17.6/8

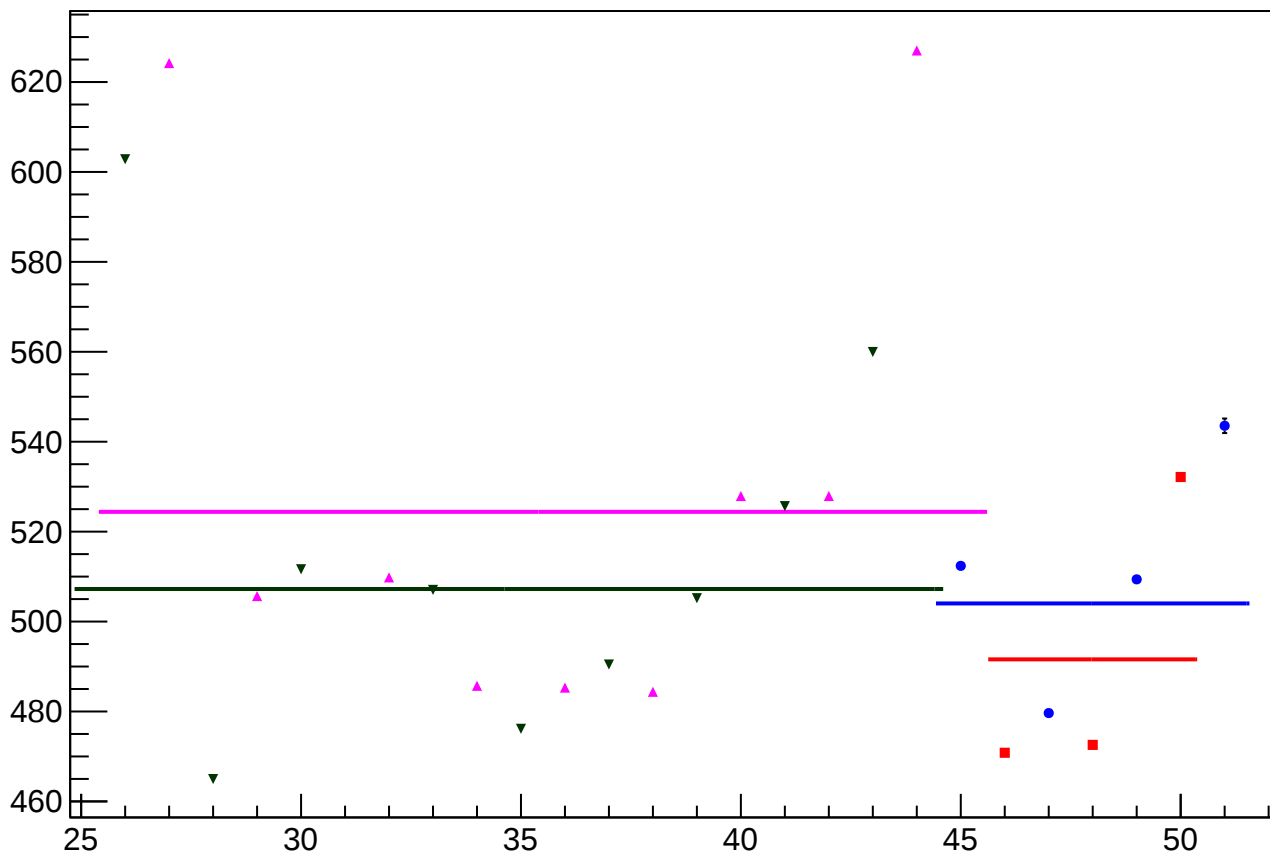
Right Out: -1040.615 $\pm$ 416.266 χ^2 /NDF: 8.2/2

Left In: -274.897 $\pm$ 221.916 χ^2 /NDF:9.6/8

-125.050 $\pm$ 193.683 χ^2 /NDF: 39.3/12

-444.358 $\pm$ 195.826 χ^2 /NDF: 20.4/11

reg_asym_sam6_rms vs slug



Right In: 504.031+/-0.251 χ^2/NDF : 3366.8/3

Left Out: 507.245+/-0.163 χ^2/NDF : 52506.9/8

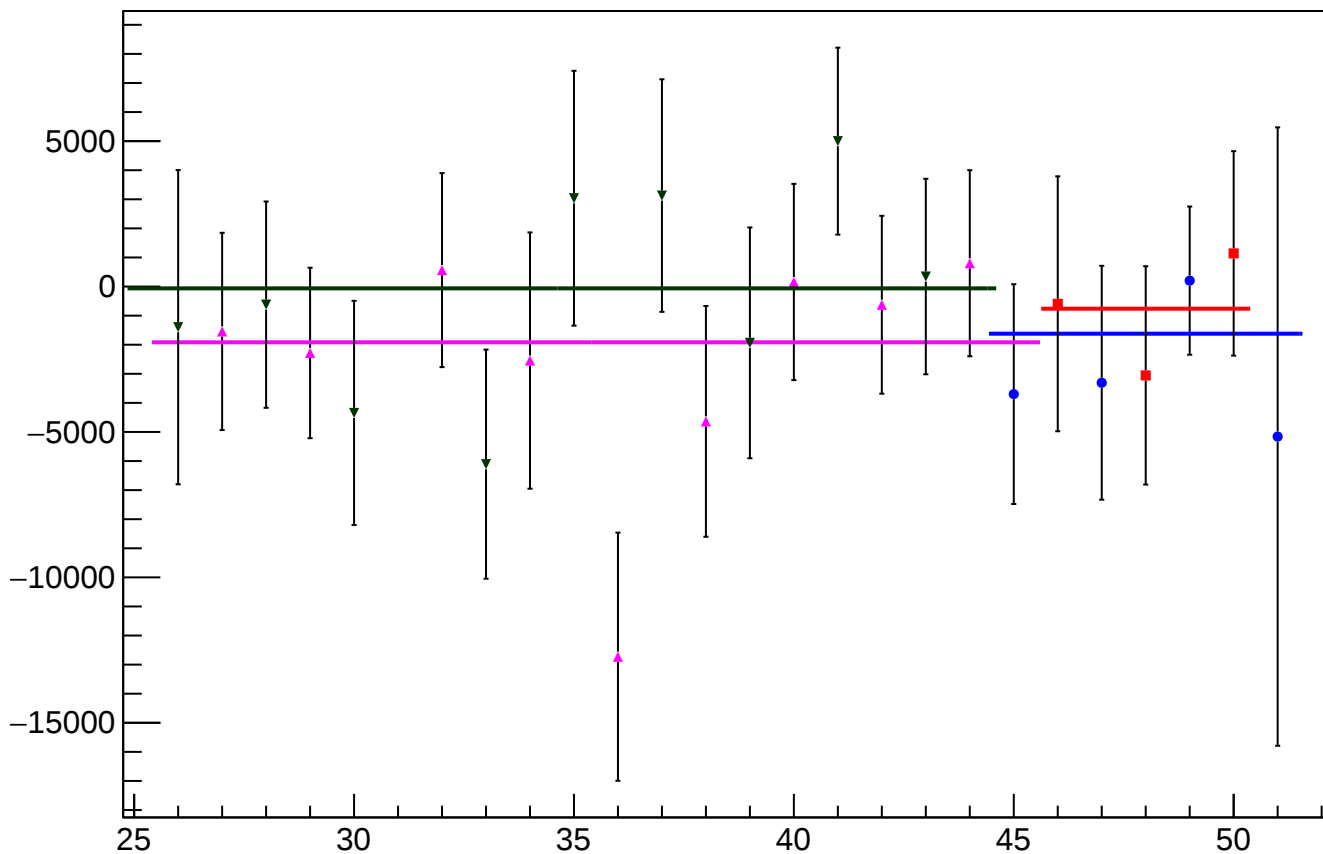
Right Out: 491.594+/-0.294 χ^2/NDF : 9314.2/2

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

506.286+/-0.137 χ^2/NDF : 55988.9/12

517.141+/-0.138 χ^2/NDF : 113697.9/11

asym_sam6_correction_mean vs slug



Right In: -1620.993 $\pm$ 1842.087 χ^2 /NDF: 1.1/3

Left Out: -62.354 $\pm$ 1281.480 χ^2 /NDF: 7.5/8

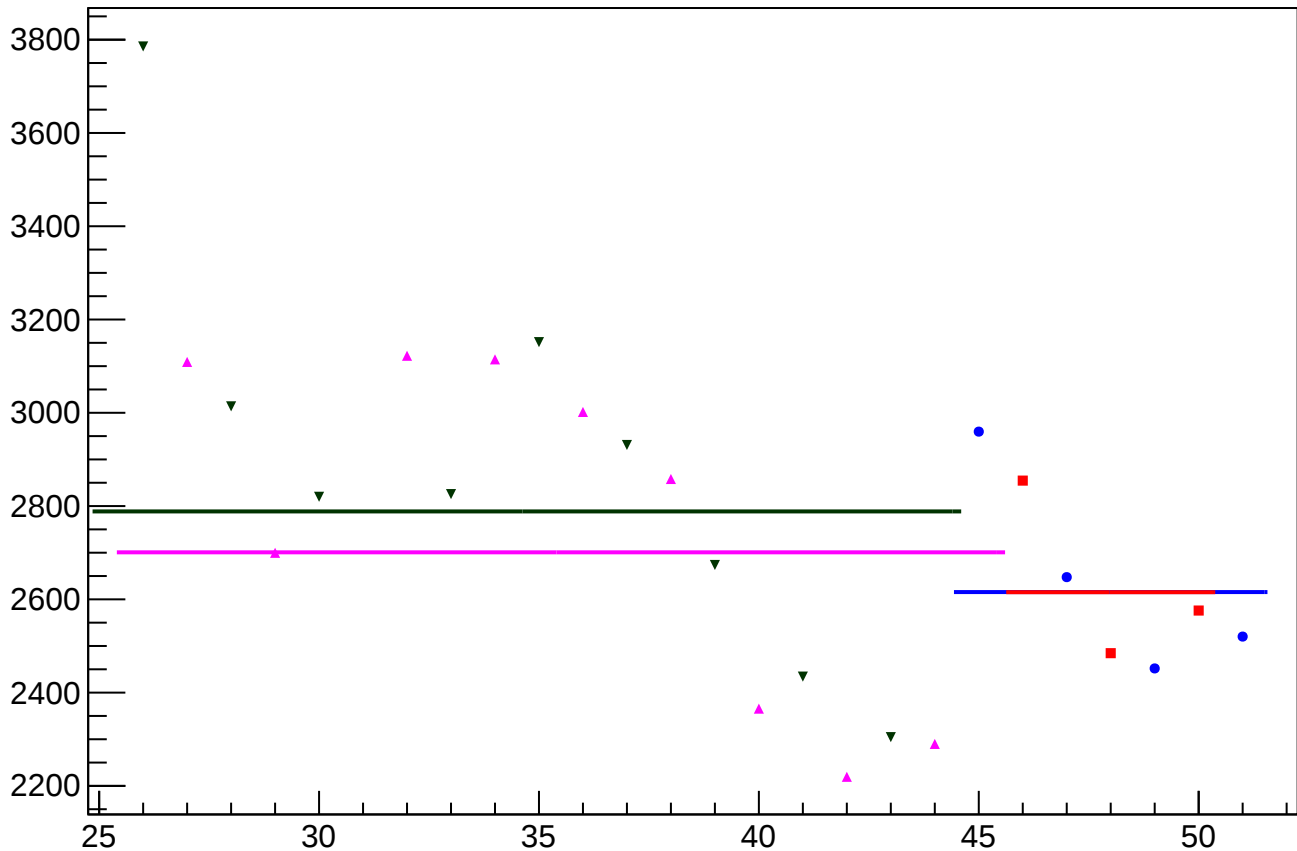
Right Out: -761.682 $\pm$ 2214.206 χ^2 /NDF: 0.7/2

Left In: -1917.139 $\pm$ 1150.328 χ^2 /NDF: 8.8/8

-570.665 $\pm$ 1051.966 χ^2 /NDF: 9.1/12

-1671.560 $\pm$ 1020.790 χ^2 /NDF: 9.7/11

asym_sam6_correction_rms vs slug



Right In: 2615.596 ± 1.303 χ^2/NDF : 25111.0/3

Left Out: 2788.520 ± 0.906 χ^2/NDF : 160197.2/8

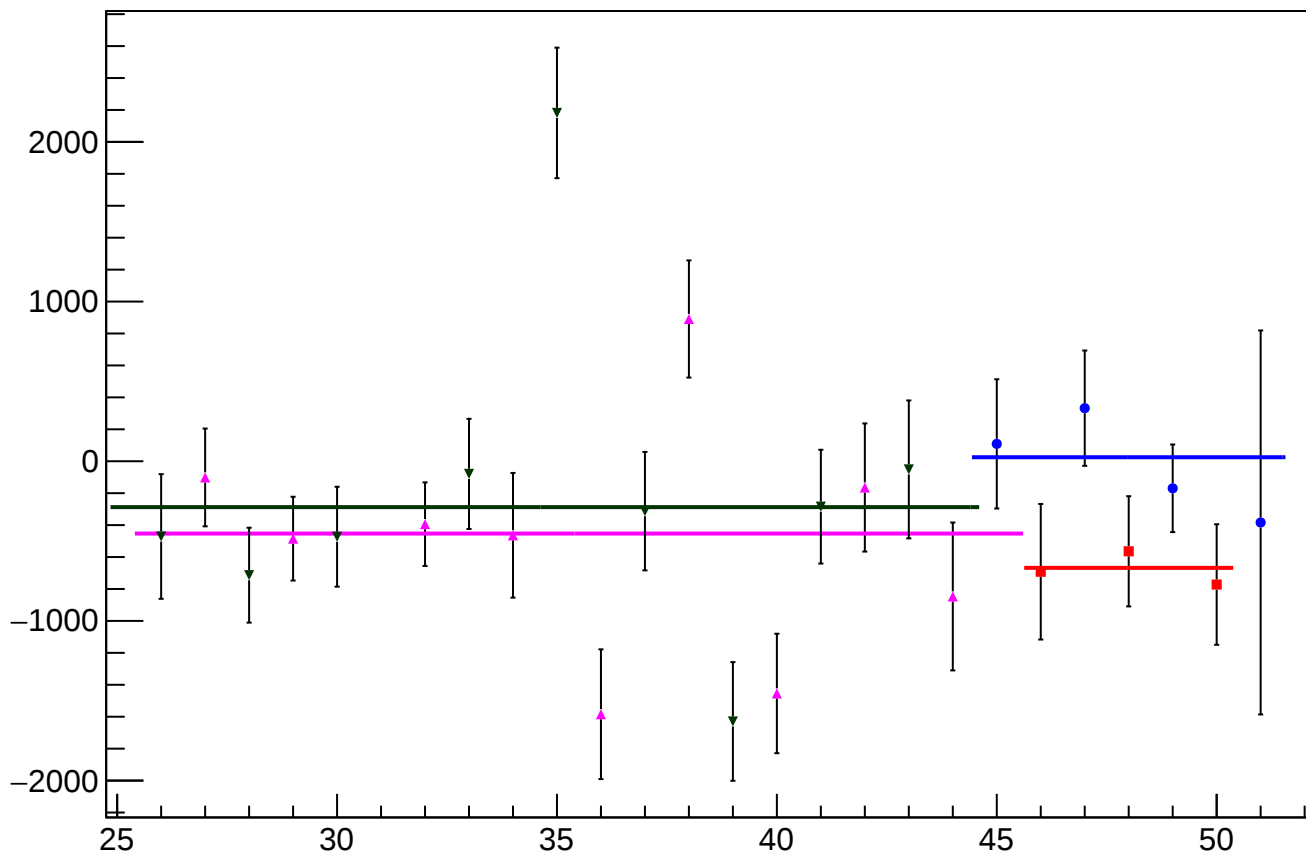
Right Out: 2615.302 ± 1.566 χ^2/NDF : 8637.4/2

Left In: 2700.808 ± 0.813 χ^2/NDF : 193934.1/8

2732.125 ± 0.744 χ^2/NDF : 197185.0/12

2682.636 ± 0.722 χ^2/NDF : 204920.2/11

reg_asym_sam7_mean vs slug



Right In: 25.051+/-189.821 χ^2/NDF : 1.4/3

Left Out: -287.418+/-119.318 χ^2/NDF : 52.8/8

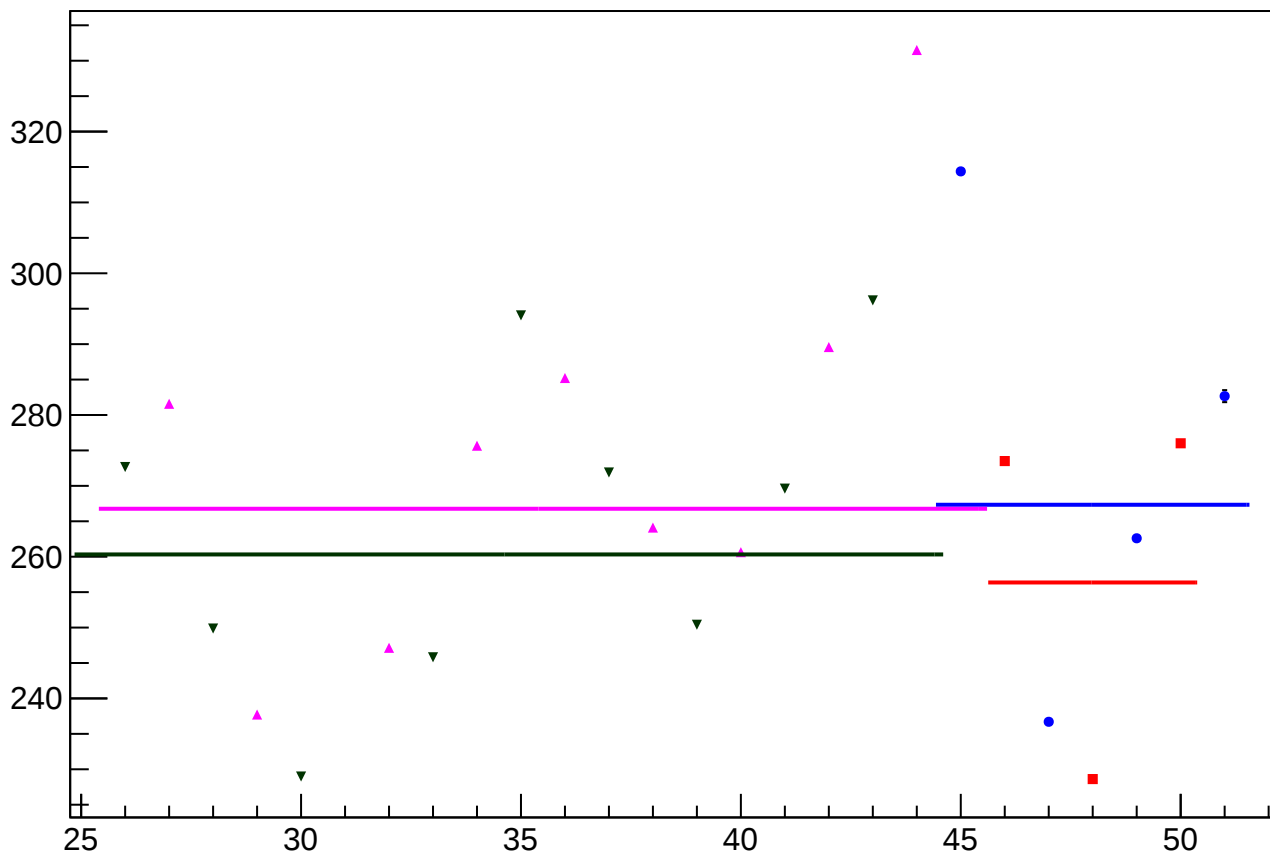
Right Out: -667.633+/-218.422 χ^2/NDF : 0.2/2

Left In: -452.872+/-113.322 χ^2/NDF : 31.0/8

-198.922+/-101.018 χ^2/NDF : 56.2/12

-498.421+/-100.590 χ^2/NDF : 31.9/11

reg_asym_sam7_rms vs slug



Right In: 267.331+/-0.134 χ^2/NDF : 42328.8/3

Left Out: 260.321+/-0.084 χ^2/NDF :60237.4/8

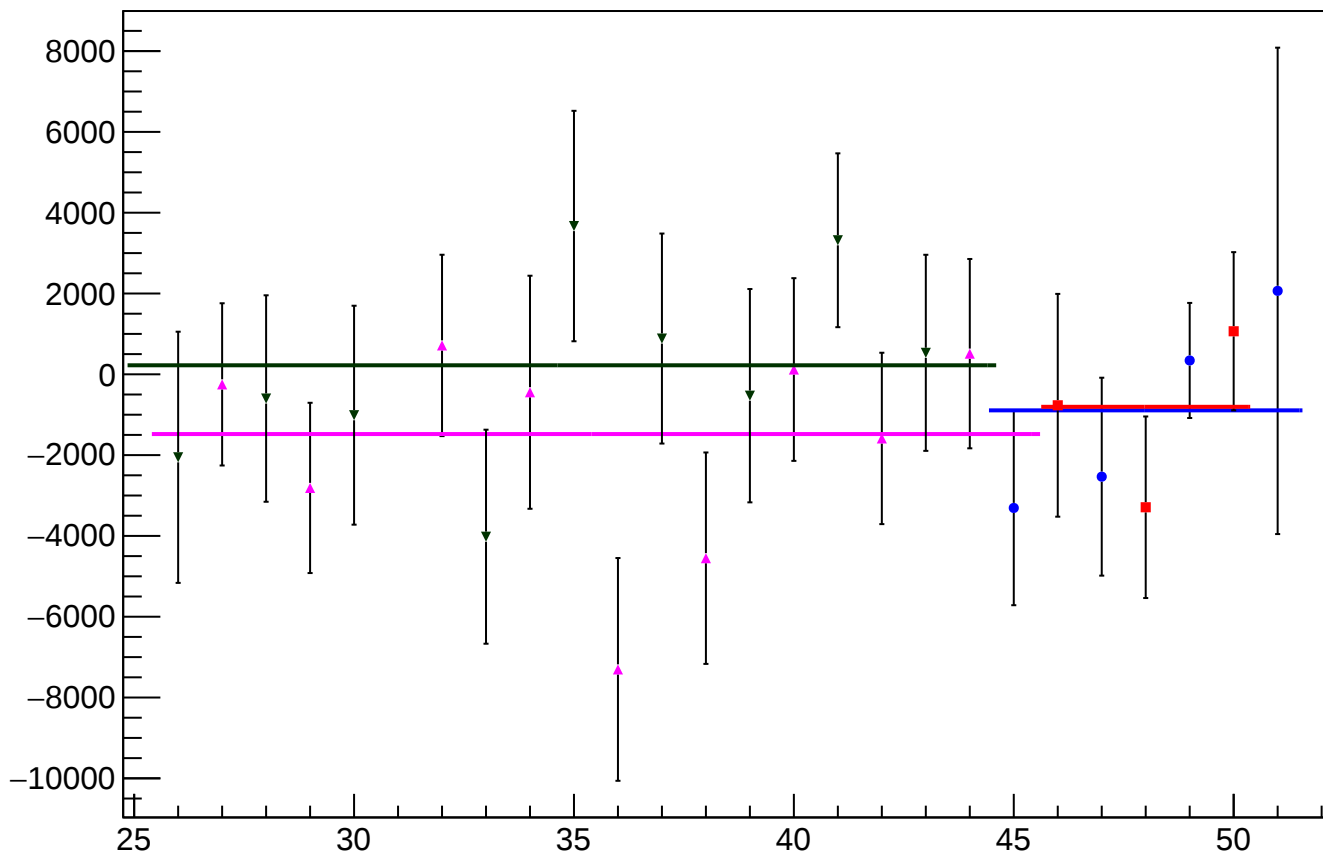
Right Out: 256.364+/-0.154 χ^2/NDF : 21599.2/2

Left In: 266.767+/-0.080 χ^2/NDF :91803.4/8

262.306+/-0.071 χ^2/NDF : 104521.8/12

264.561+/-0.071 χ^2/NDF : 116977.4/11

asym_sam7_correction_mean vs slug



Right In: -892.374 ± 1078.485 χ^2/NDF : 2.4/3

Left Out: 223.347 ± 865.231 χ^2/NDF : 7.1/8

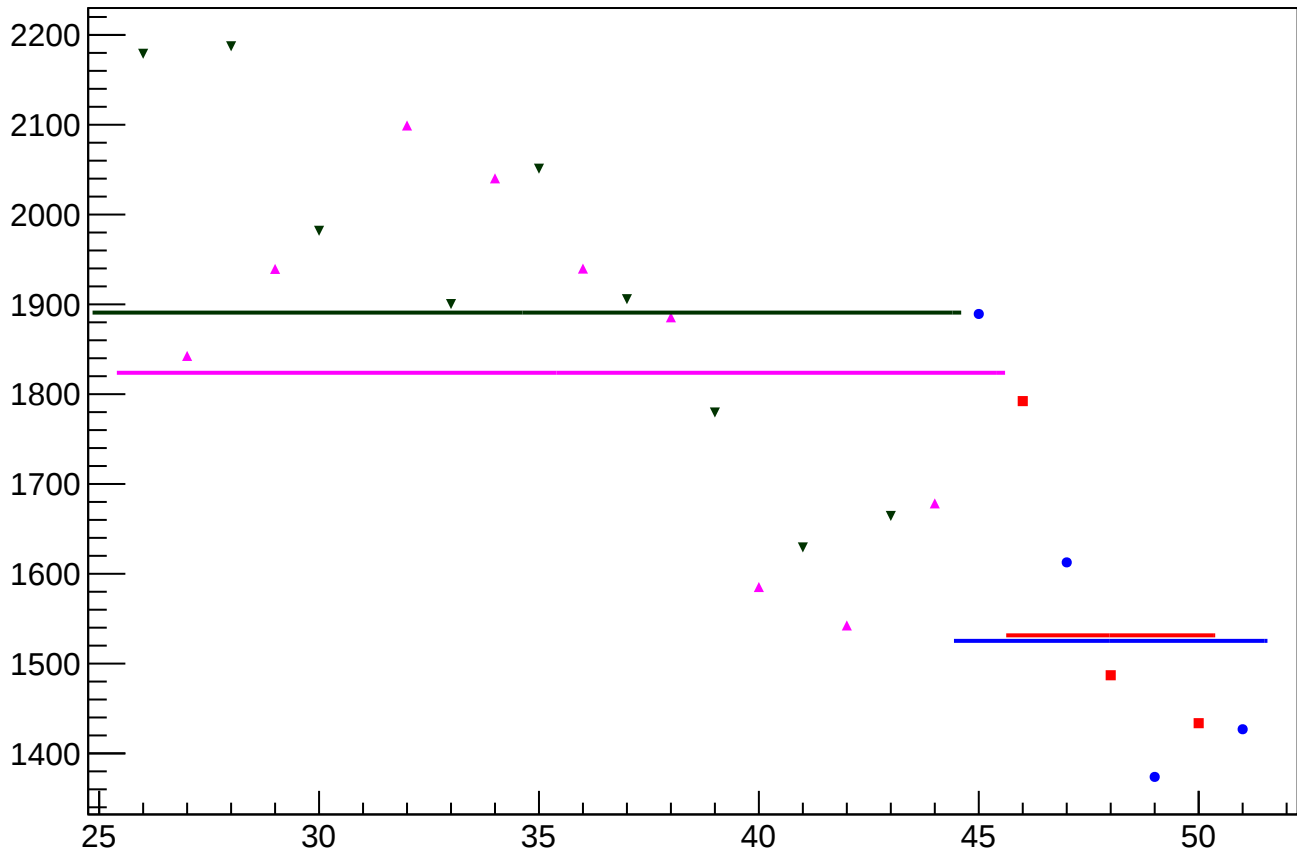
Right Out: -804.482 ± 1301.494 χ^2/NDF : 2.1/2

Left In: -1478.705 ± 773.885 χ^2/NDF : 8.9/8

-213.558 ± 674.885 χ^2/NDF : 10.2/12

-1302.591 ± 665.177 χ^2/NDF : 11.3/11

asym_sam7_correction_rms vs slug



Right In: 1525.317+/-0.763 χ^2/NDF : 71428.1/3

Left Out: 1890.834+/-0.612 χ^2/NDF :103303.6/8

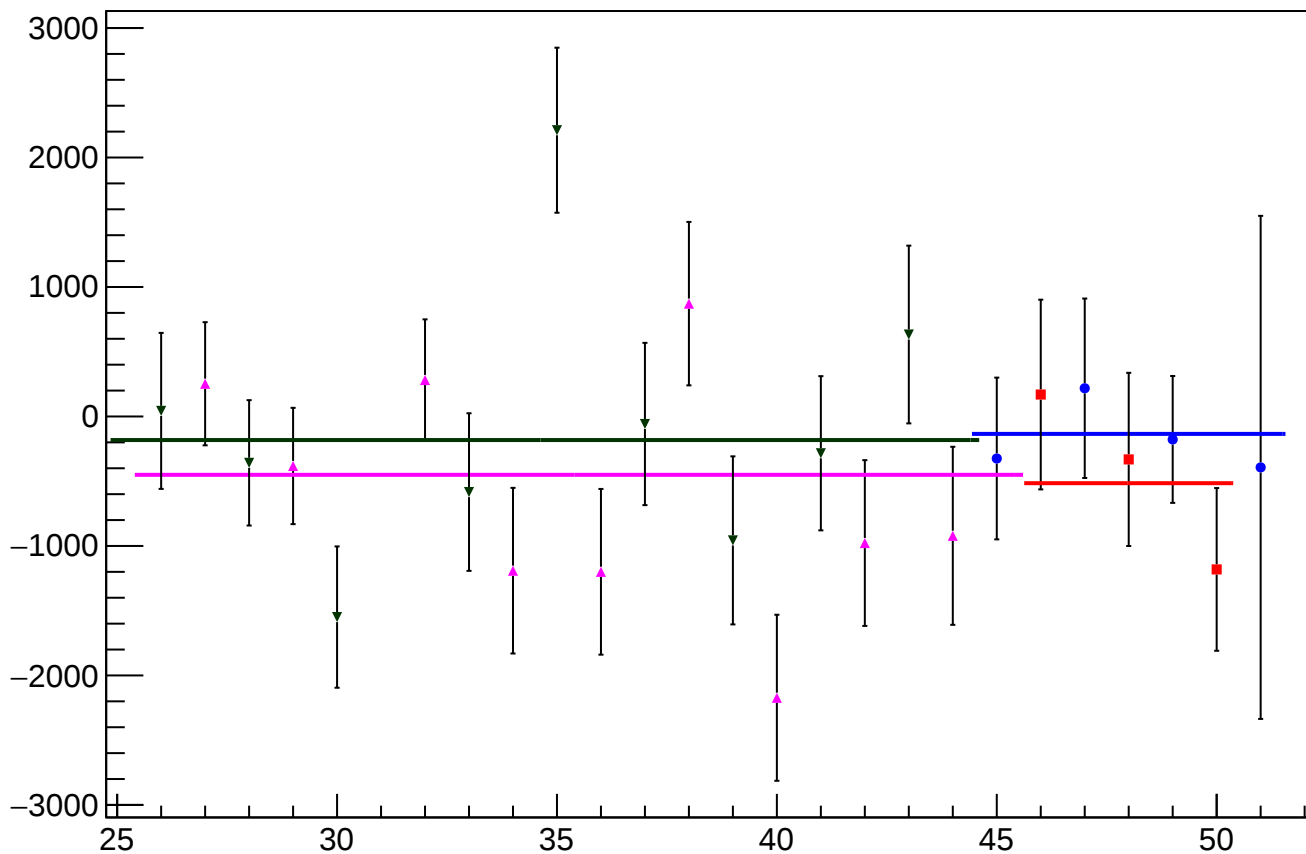
Right Out: 1531.454+/-0.920 χ^2/NDF : 23666.7/2

Left In: 1823.820+/-0.547 χ^2/NDF :117391.1/8

1747.701+/-0.477 χ^2/NDF : 314501.3/12

1747.451+/-0.470 χ^2/NDF : 215620.6/11

reg_asym_sam8_mean vs slug



Right In: -134.501+/-331.917 χ^2/NDF : 0.4/3

Left Out: -181.996+/-198.404 χ^2/NDF :24.0/8

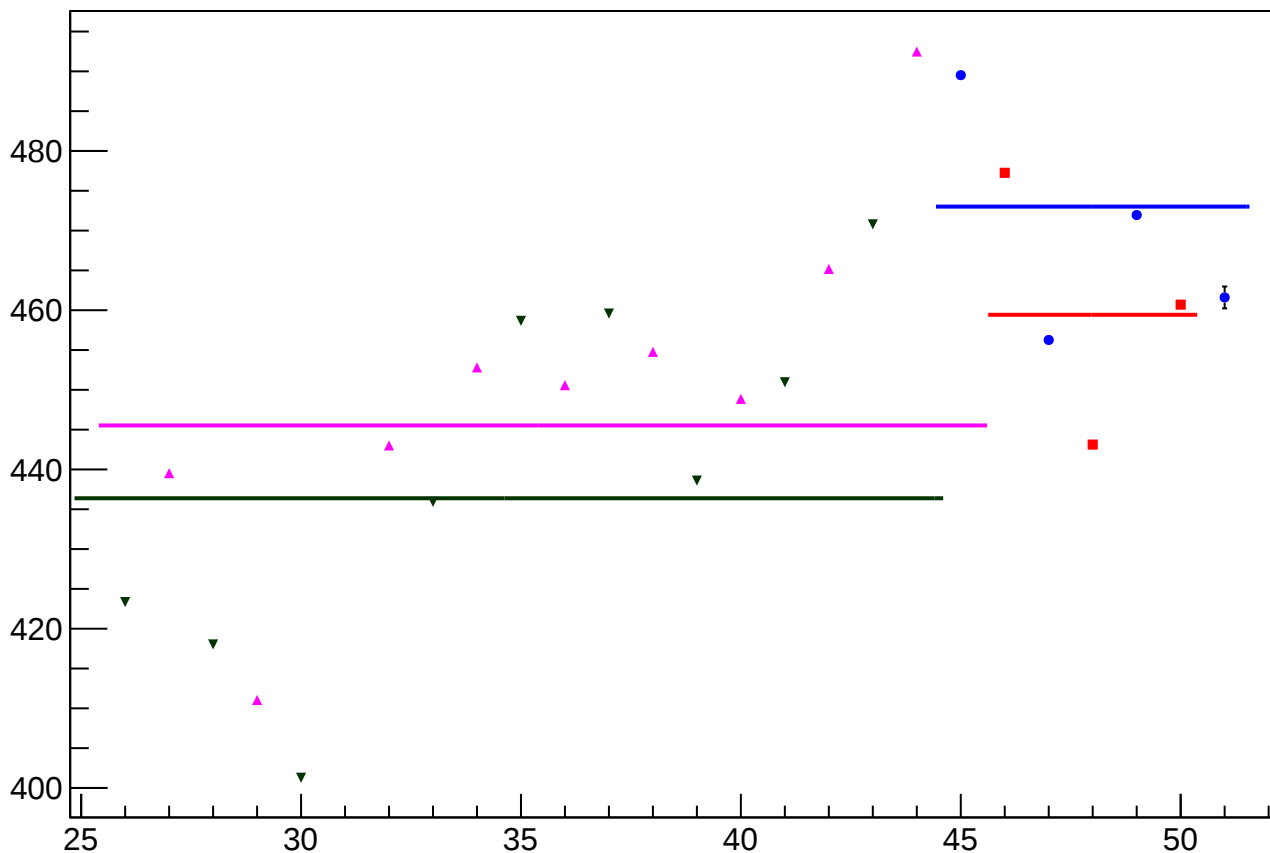
Right Out: -515.296+/-388.283 χ^2/NDF : 2.1/2

Left In: -450.653+/-187.903 χ^2/NDF :20.1/8

-169.493+/-170.299 χ^2/NDF : 24.4/12

-462.919+/-169.139 χ^2/NDF : 22.2/11

reg_asym_sam8_rms vs slug



Right In: 473.013+/-0.235 χ^2/NDF : 2644.0/3

Left Out: 436.383+/-0.140 χ^2/NDF : 23517.4/8

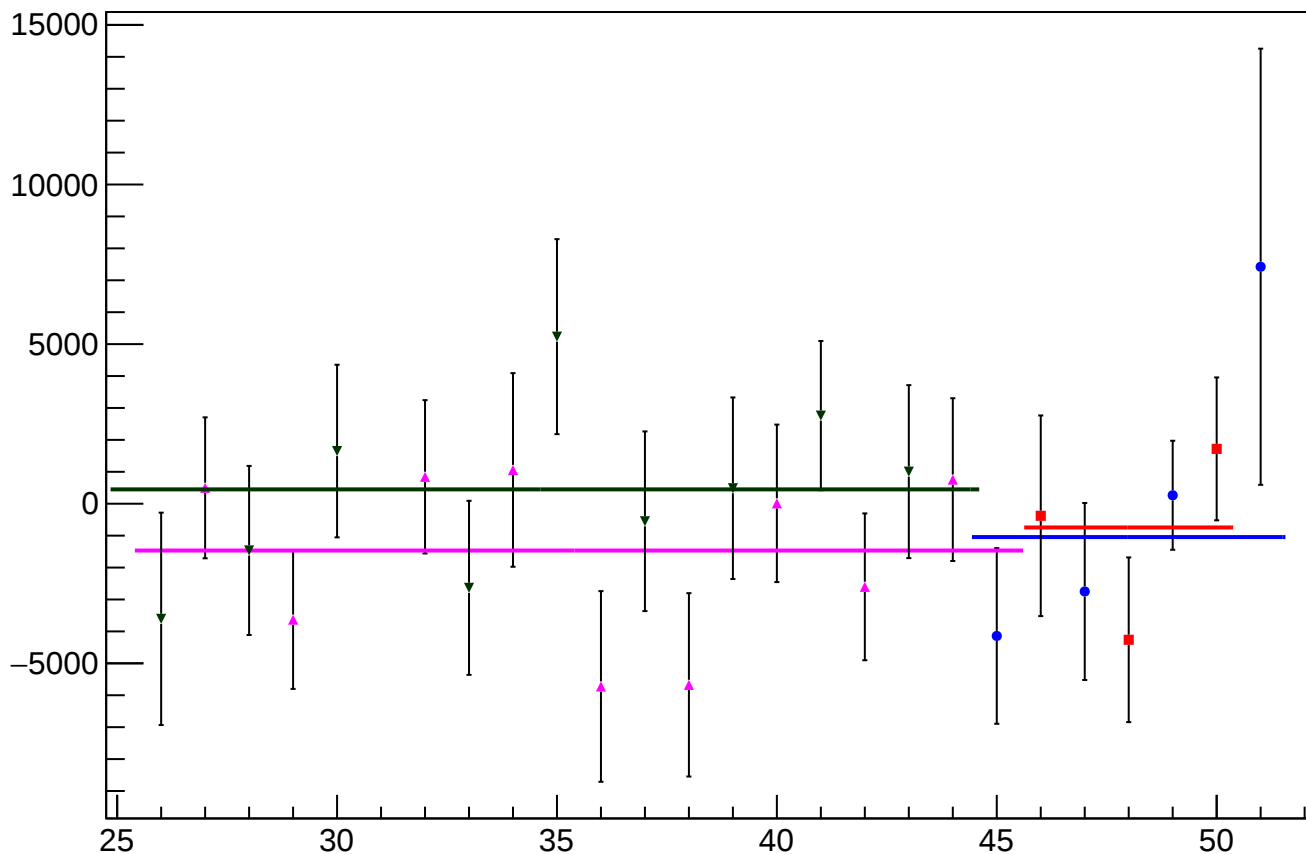
446.026+/-0.120 χ^2/NDF : 44107.7/12

Right Out: 459.425+/-0.275 χ^2/NDF : 2381.6/2

448.165+/-0.120 χ^2/NDF : 28698.9/11

Left In: 445.528+/-0.133 χ^2/NDF : 24241.7/8

asym_sam8_correction_mean vs slug



Right In: -1044.710+/-1263.403 χ^2/NDF : 3.8/3

Left Out: 449.371+/-920.334 χ^2/NDF : 7.1/8

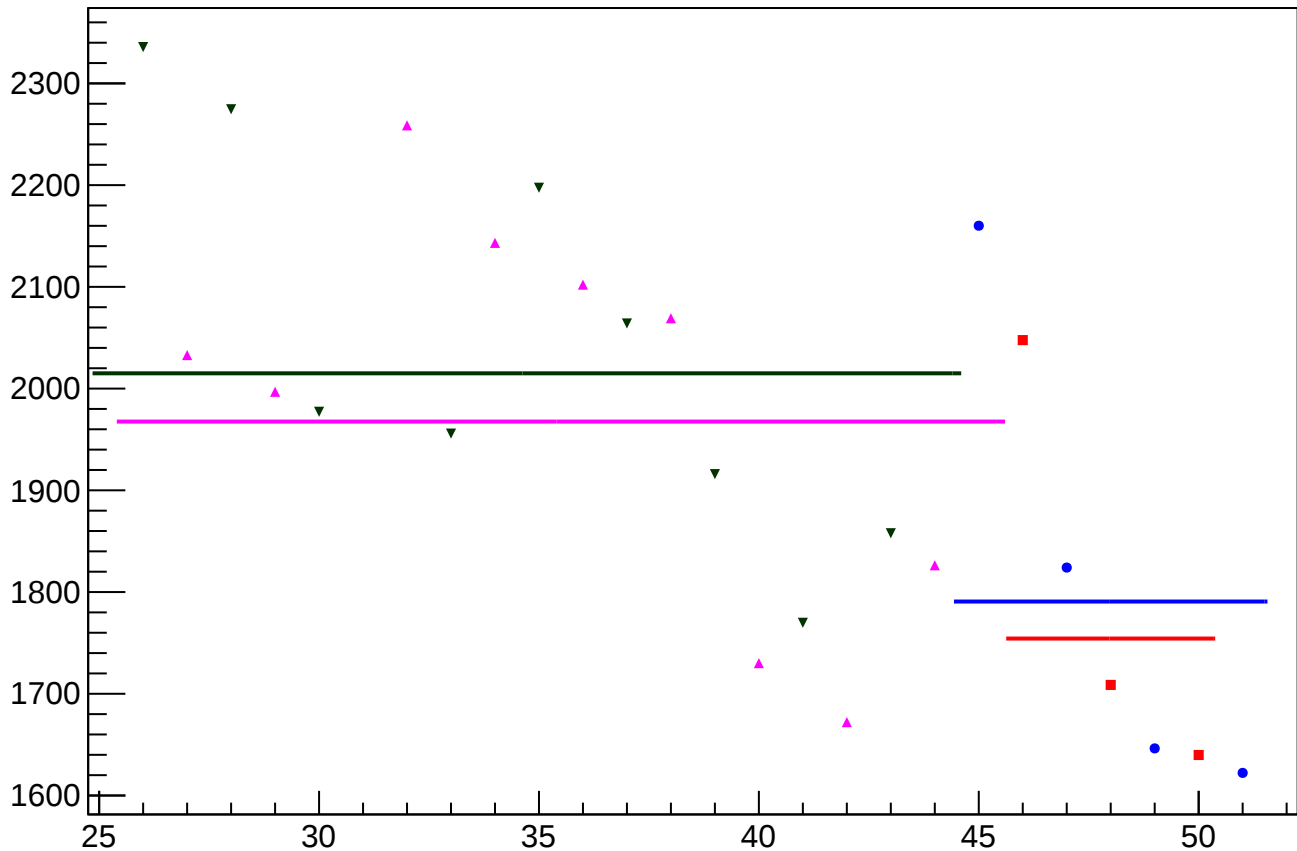
Right Out: -744.084+/-1488.818 χ^2/NDF : 3.1/2

Left In: -1466.179+/-833.373 χ^2/NDF : 8.9/8

-68.601+/-743.888 χ^2/NDF : 11.8/12

-1293.906+/-727.199 χ^2/NDF : 12.2/11

asym_sam8_correction_rms vs slug



Right In: 1790.676 ± 0.893 χ^2/NDF : 51837.9/3

Left Out: 2015.018 ± 0.651 χ^2/NDF : 78061.6/8

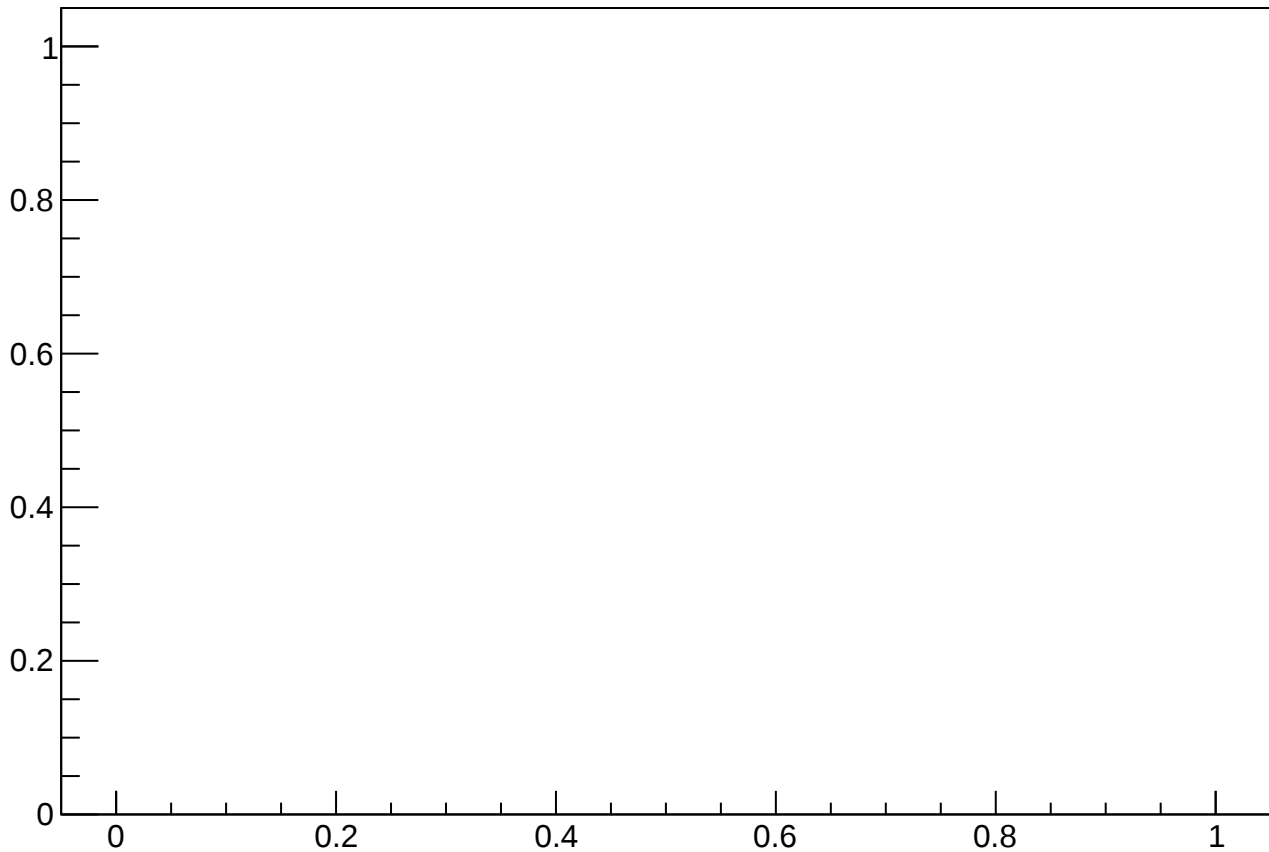
Right Out: 1754.288 ± 1.053 χ^2/NDF : 23282.4/2

Left In: 1967.585 ± 0.589 χ^2/NDF : 102442.6/8

1937.242 ± 0.526 χ^2/NDF : 171099.1/12

1916.698 ± 0.514 χ^2/NDF : 156981.7/11

bcm_an_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_us_ds3_avg_rms vs slug



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

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

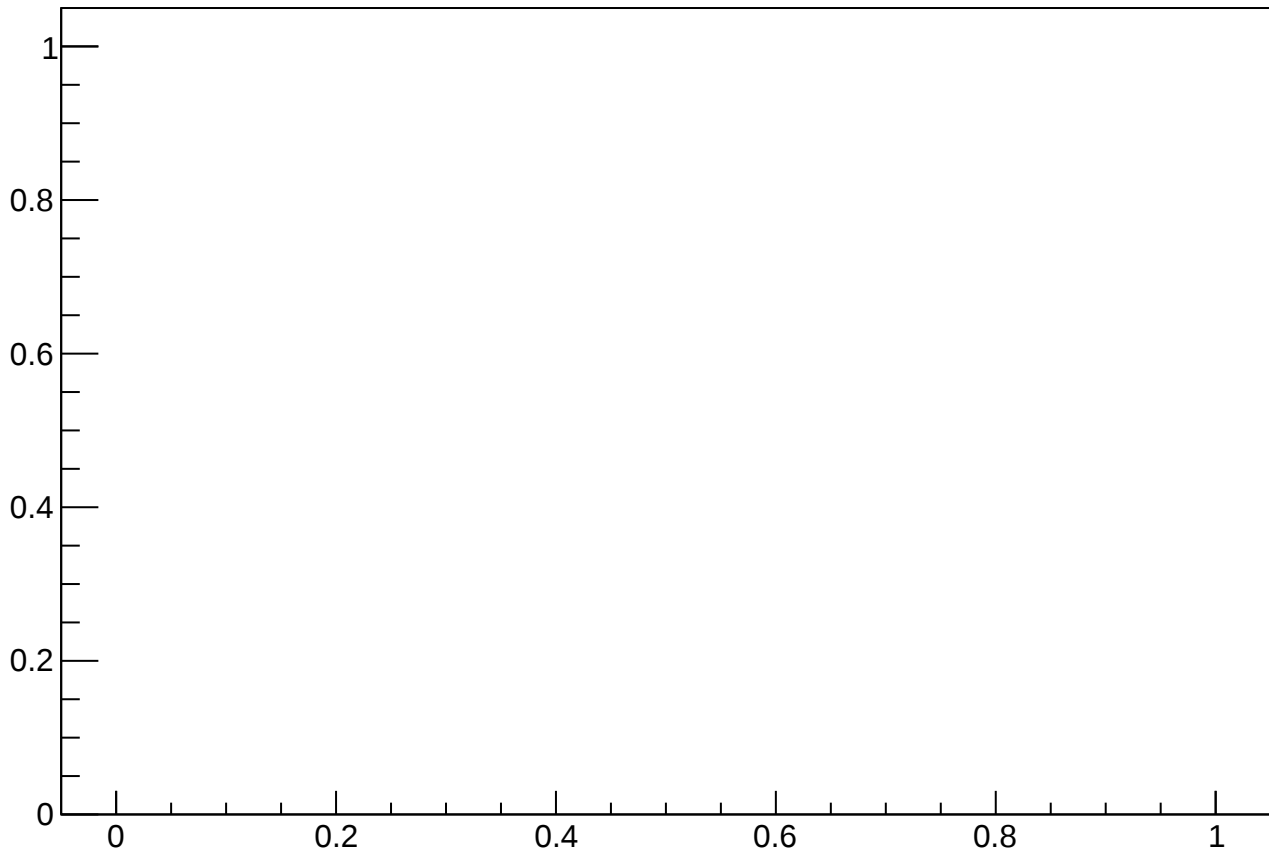
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

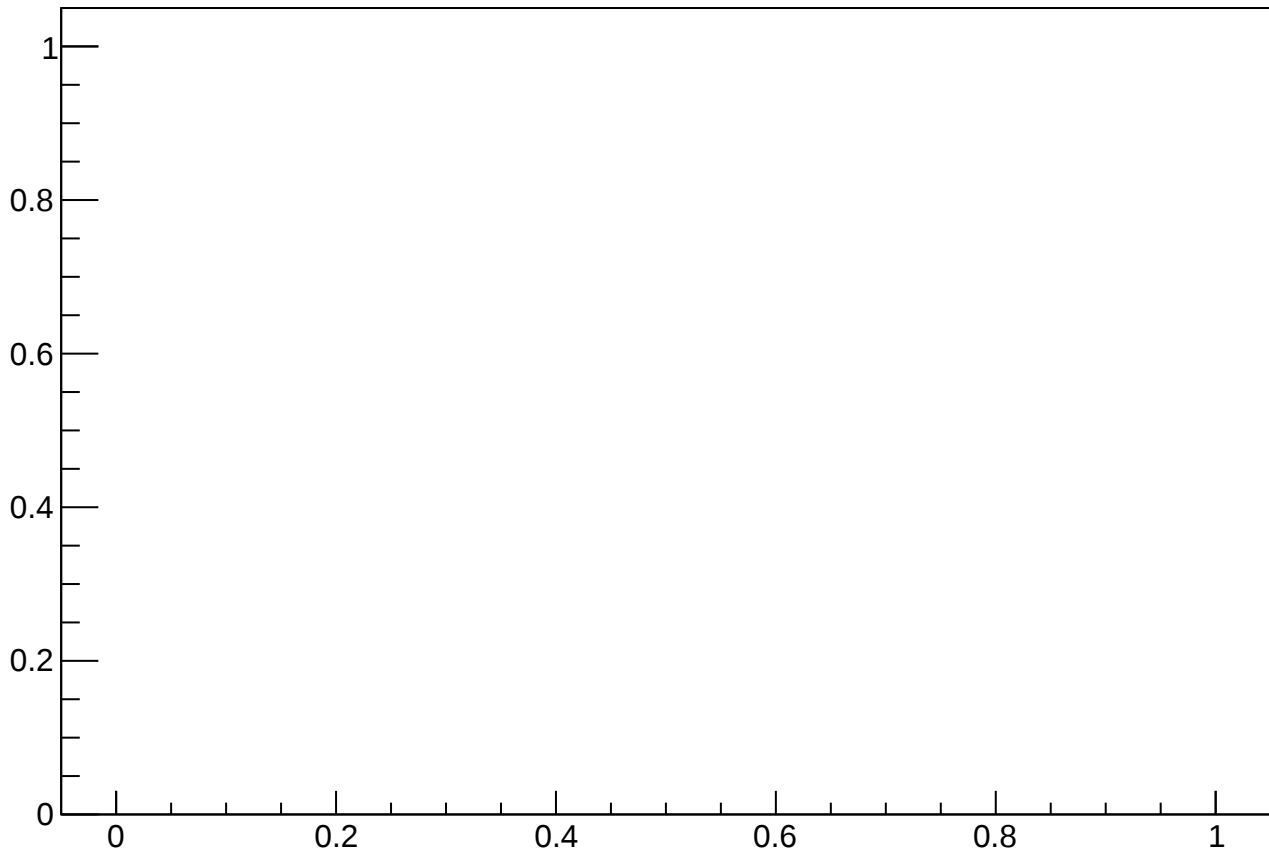
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_ds_ds3_avg_rms vs slug



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

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

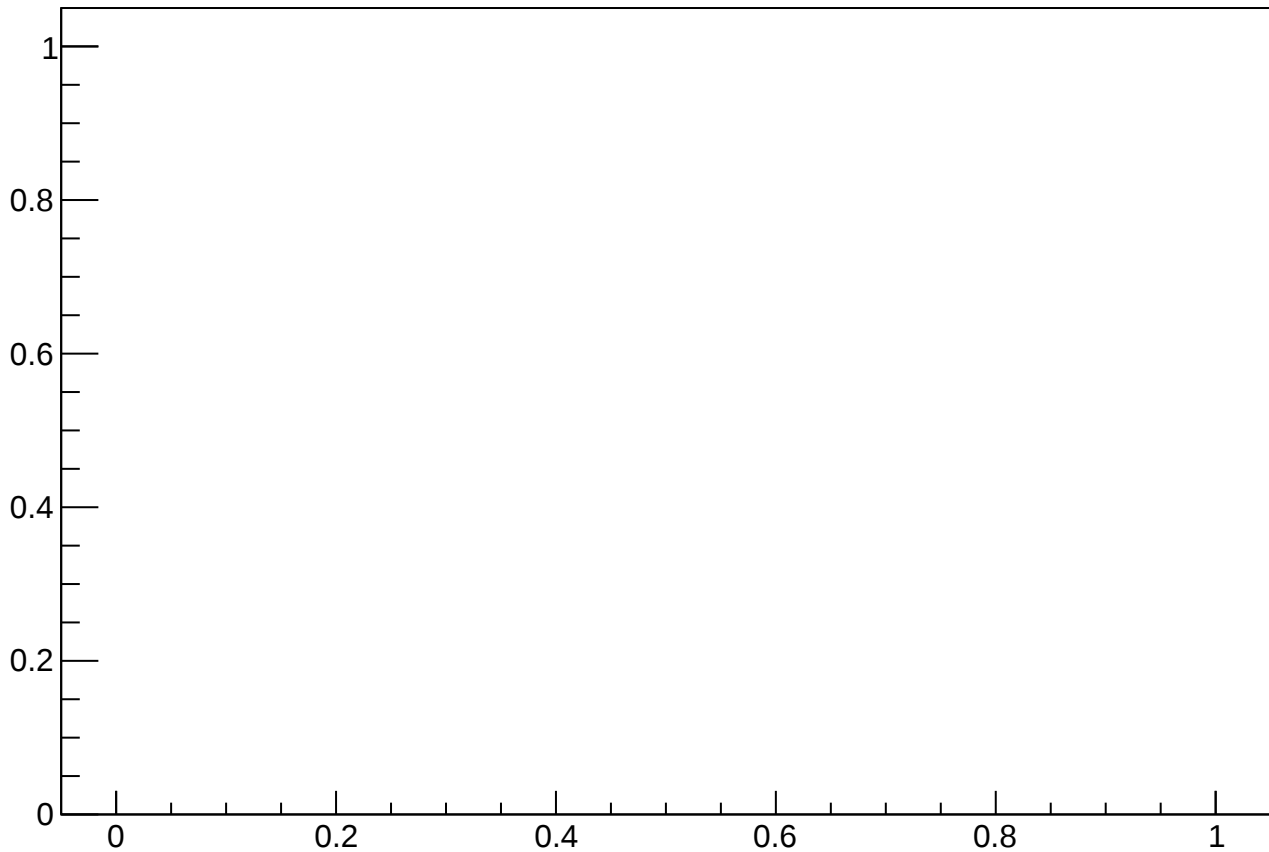
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

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

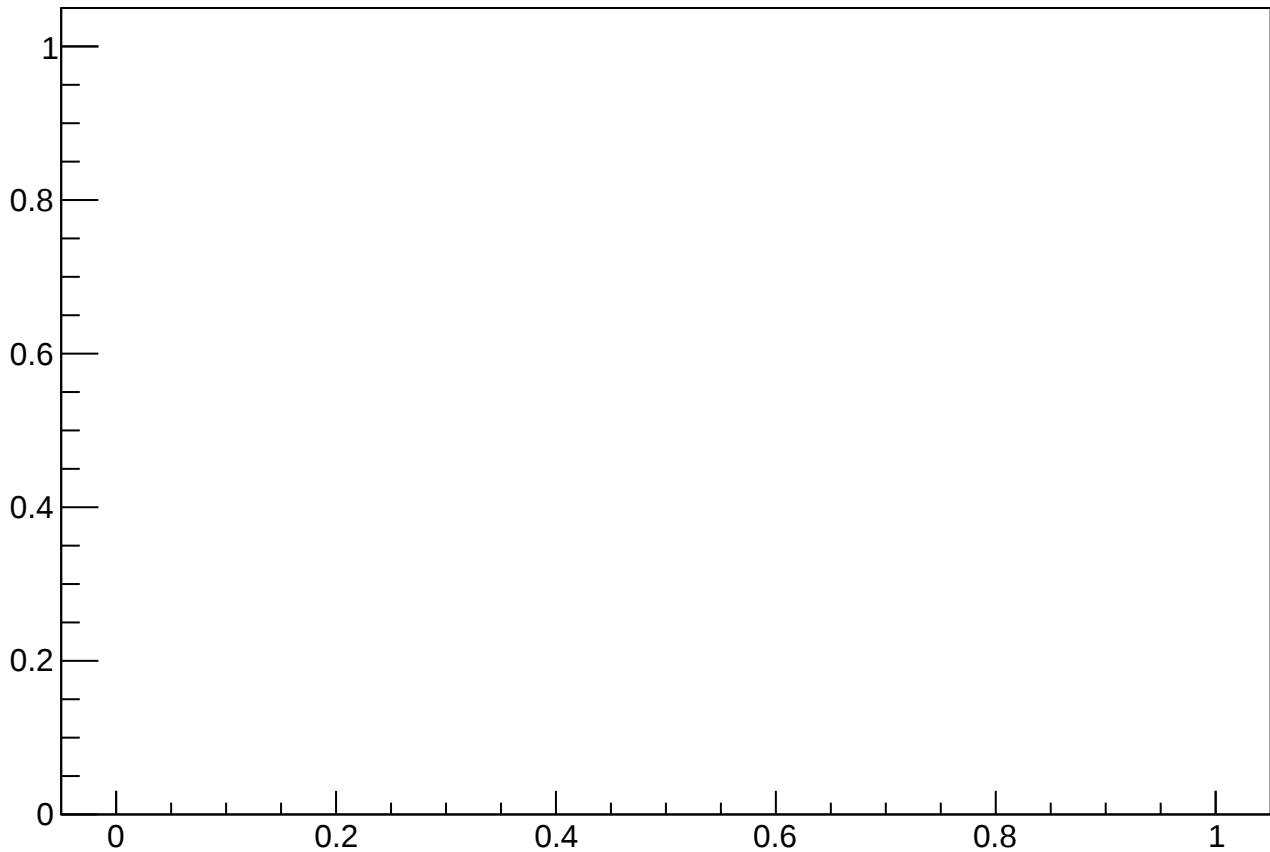
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

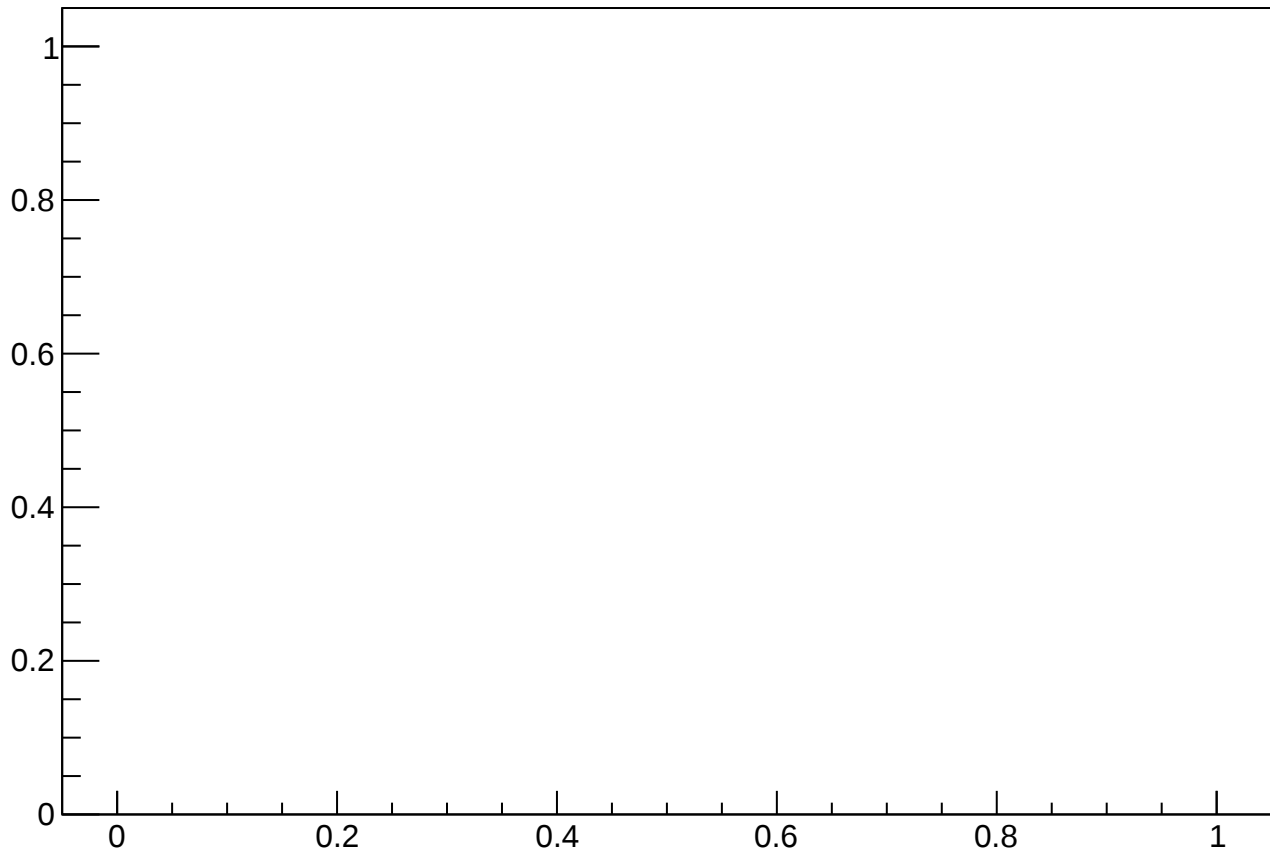
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

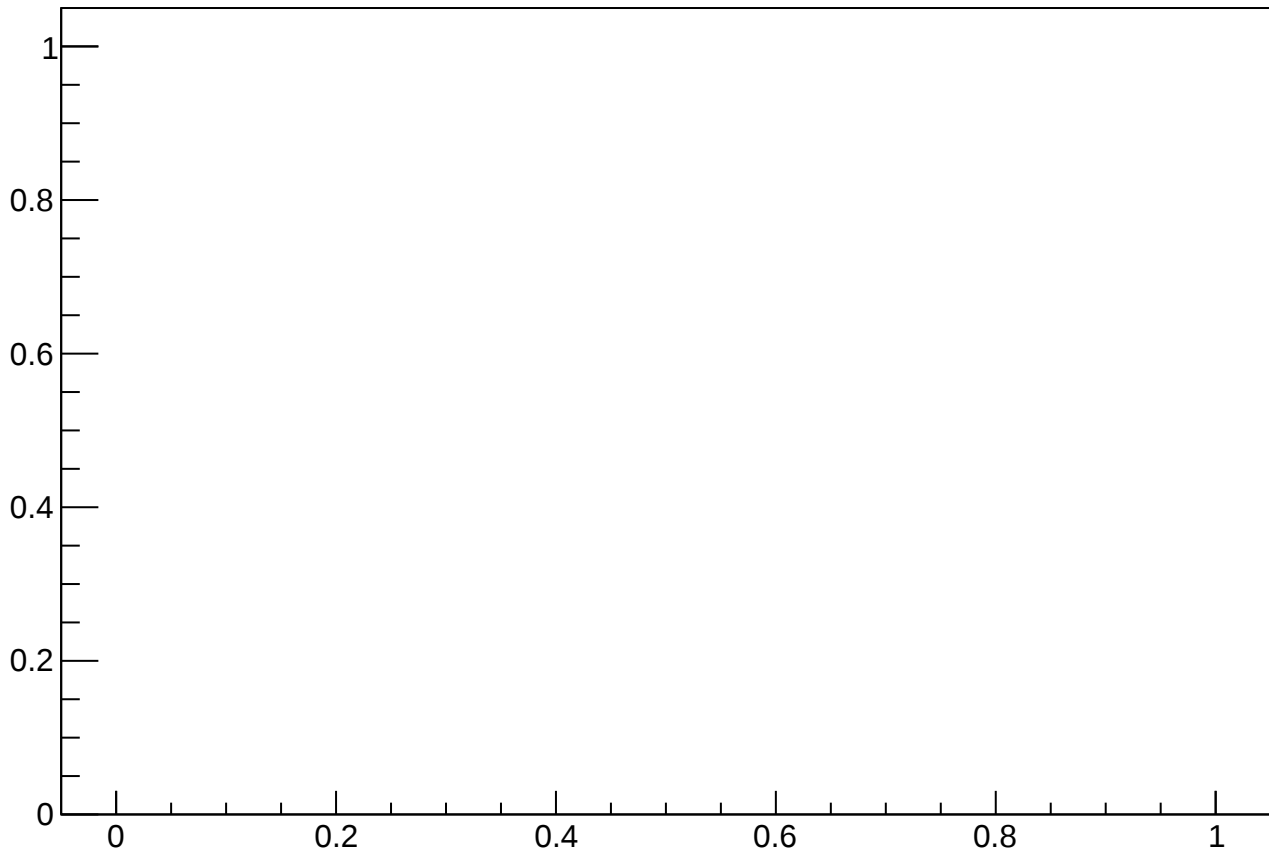
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

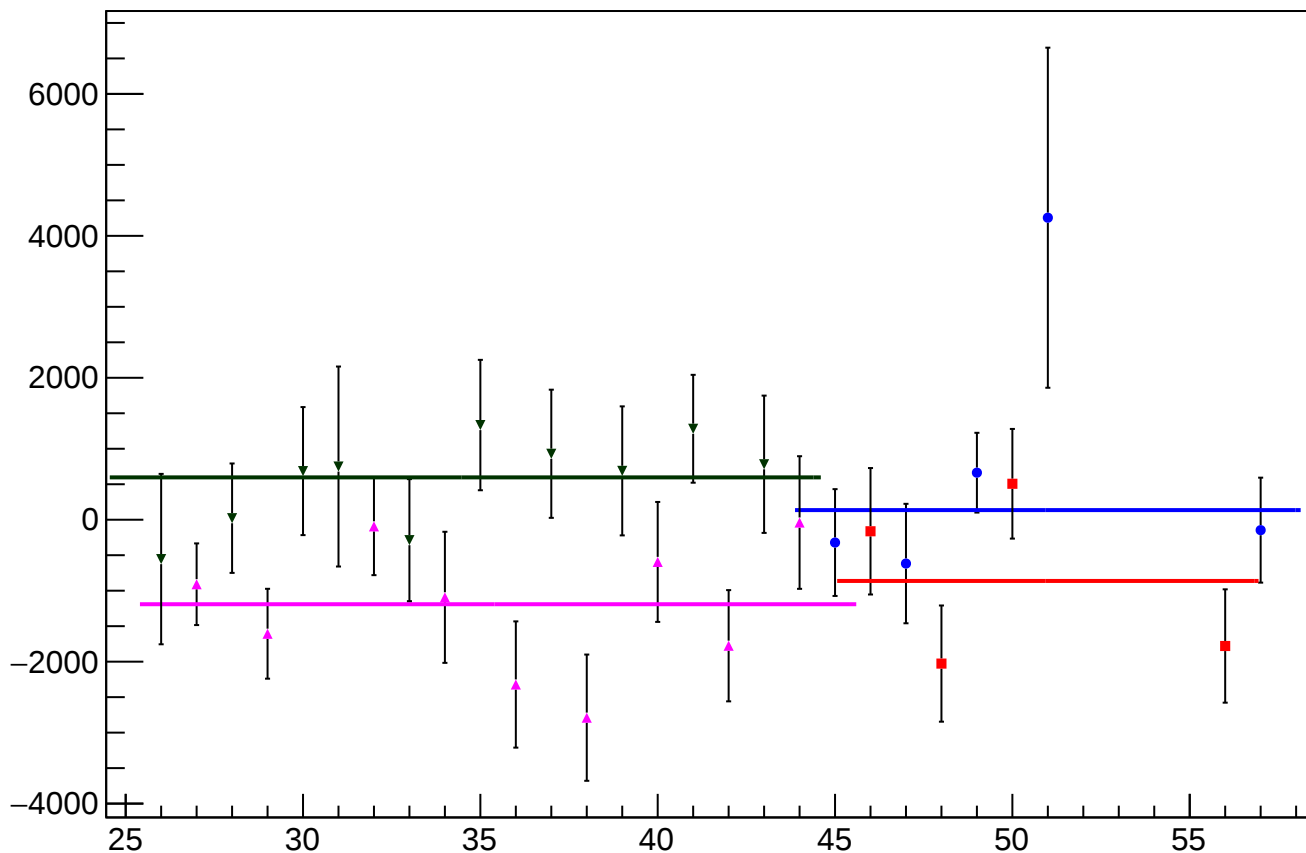
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 135.633+/-346.113 χ^2/NDF : 5.2/4

Left Out: 596.646+/-290.082 χ^2/NDF : 4.2/9

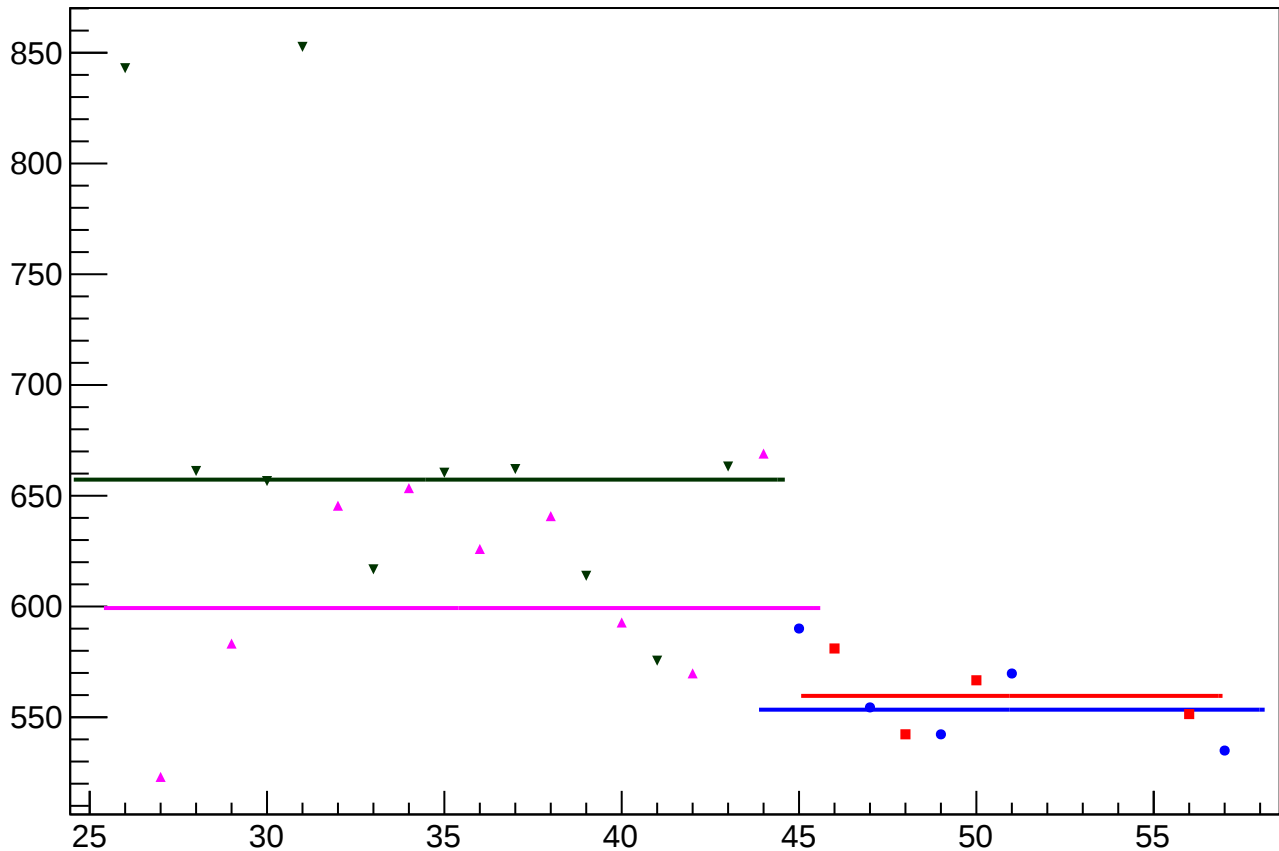
Right Out: -862.662+/-408.408 χ^2/NDF : 7.1/3

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

406.429+/-222.324 χ^2/NDF : 10.4/14

-1099.226+/-215.671 χ^2/NDF : 18.2/12

asym_left_avg_rms vs slug



Right In: 553.414+/-0.245 χ^2/NDF : 6866.2/4

Left Out: 657.280+/-0.205 χ^2/NDF :118673.7/9

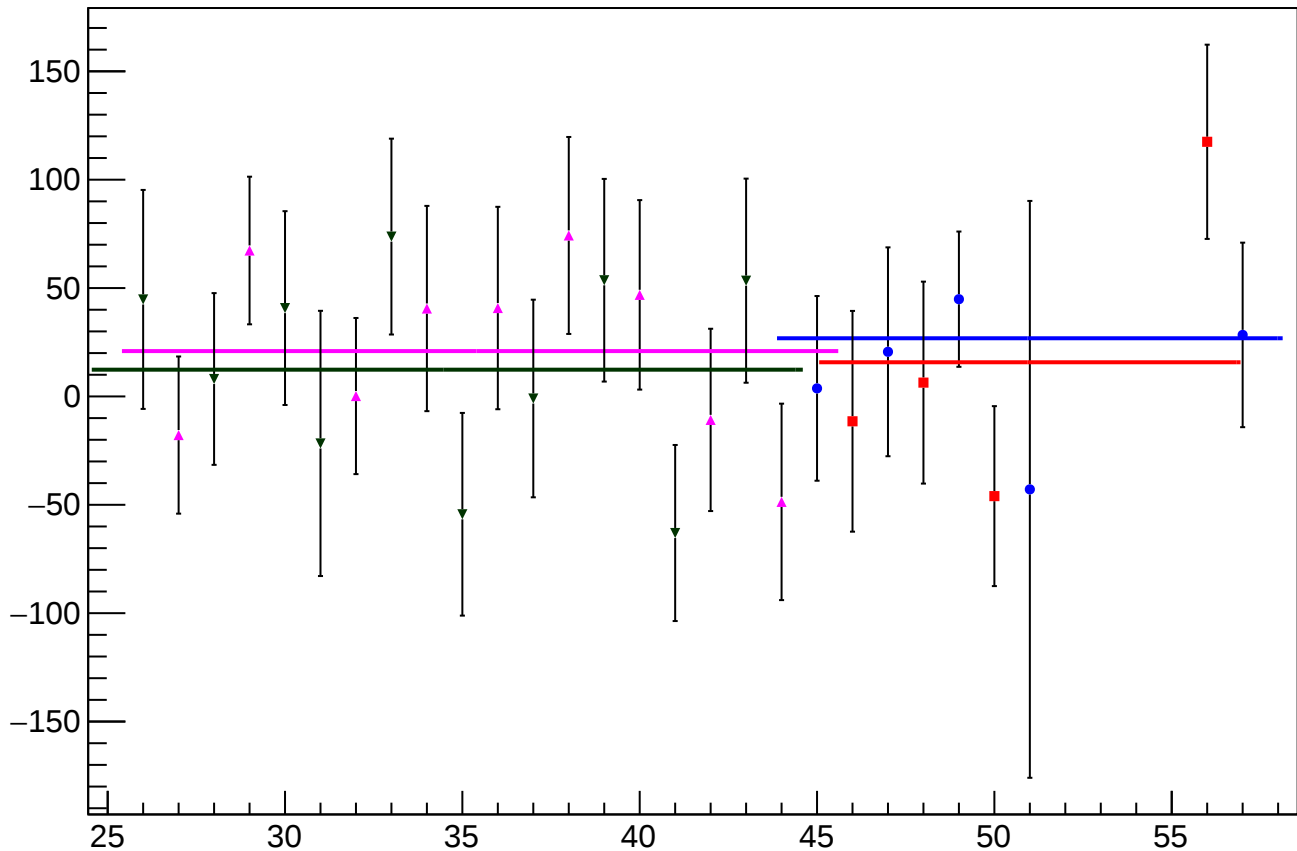
Right Out: 559.643+/-0.289 χ^2/NDF : 2429.1/3

Left In: 599.296+/-0.180 χ^2/NDF :72545.0/8

614.424+/-0.157 χ^2/NDF : 231337.1/14

588.238+/-0.153 χ^2/NDF : 88569.5/12

asym_left_dd_mean vs slug



Right In: 26.838+/-19.550 χ^2/NDF : 0.9/4

Left Out: 12.342+/-14.526 χ^2/NDF :10.1/9

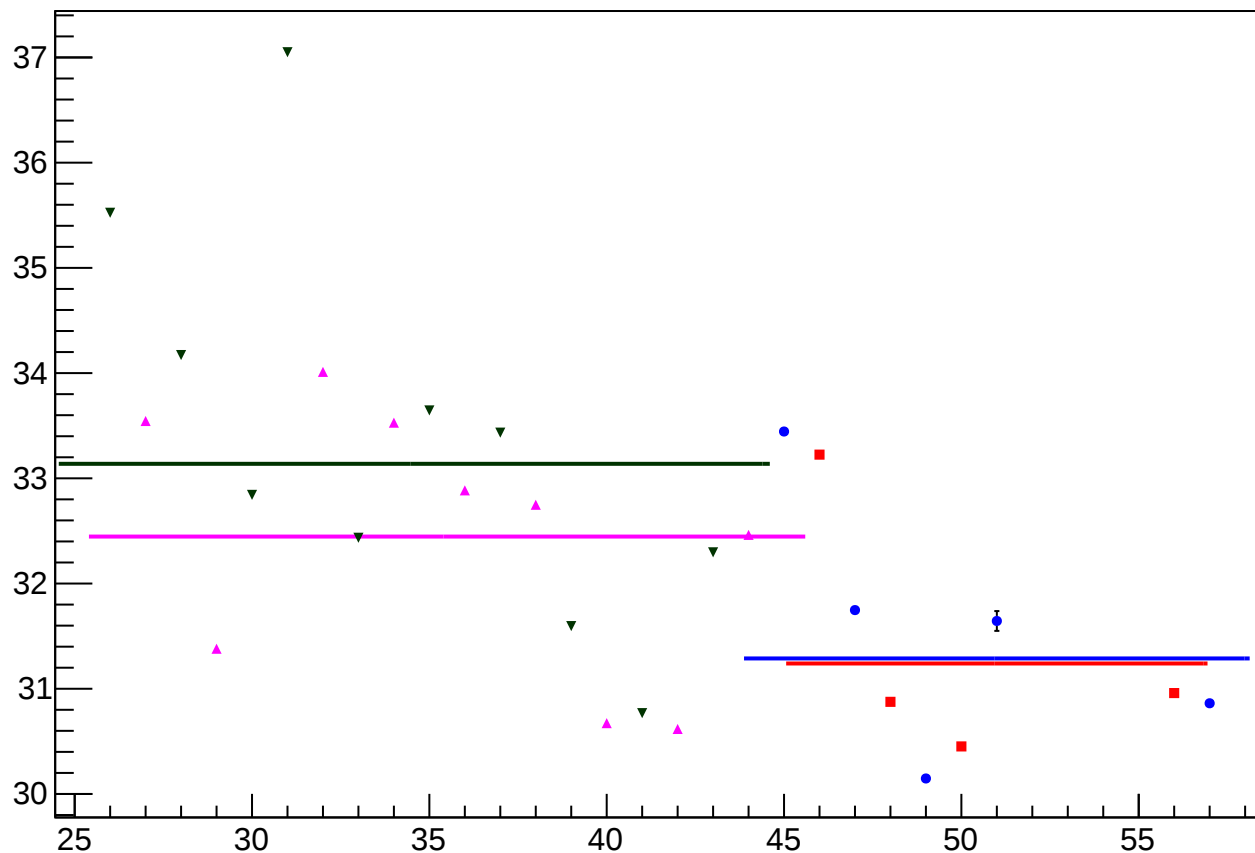
Right Out: 15.762+/-22.795 χ^2/NDF : 7.7/3

Left In: 20.920+/-13.661 χ^2/NDF :8.3/8

17.498+/-11.660 χ^2/NDF : 11.4/14

19.557+/-11.718 χ^2/NDF : 16.1/12

asym_left_dd_rms vs slug



Right In: 31.288 ± 0.014 χ^2/NDF : 8193.7/4

Left Out: 33.138 ± 0.010 χ^2/NDF : 24511.4/9

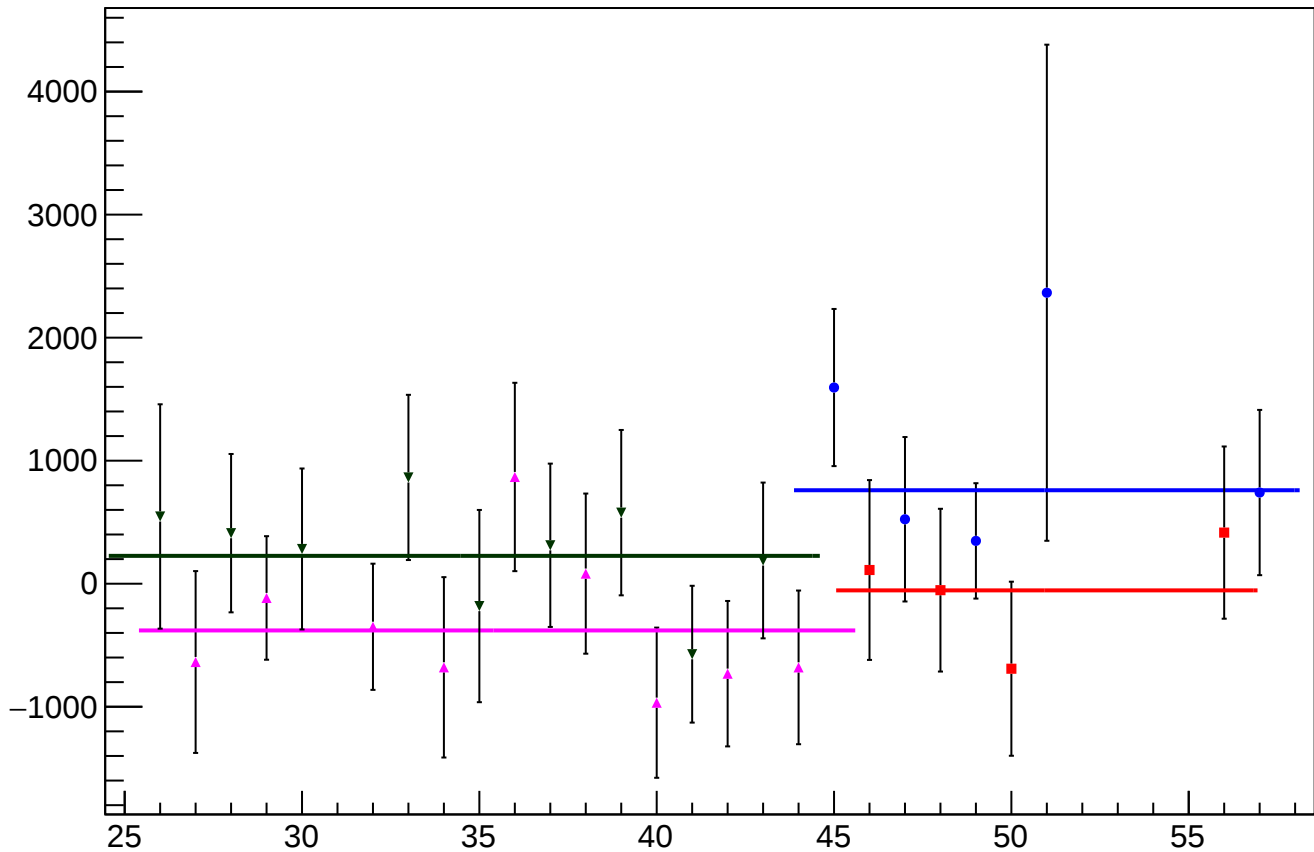
Right Out: 31.240 ± 0.016 χ^2/NDF : 3960.6/3

Left In: 32.446 ± 0.010 χ^2/NDF : 15954.4/8

32.480 ± 0.008 χ^2/NDF : 44241.8/14

32.128 ± 0.008 χ^2/NDF : 24035.7/12

asym_right_avg_mean vs slug



Right In: 759.736 $\pm$ 292.339 χ^2/NDF : 3.2/4

Left Out: 226.455 $\pm$ 223.469 χ^2/NDF : 3.7/8

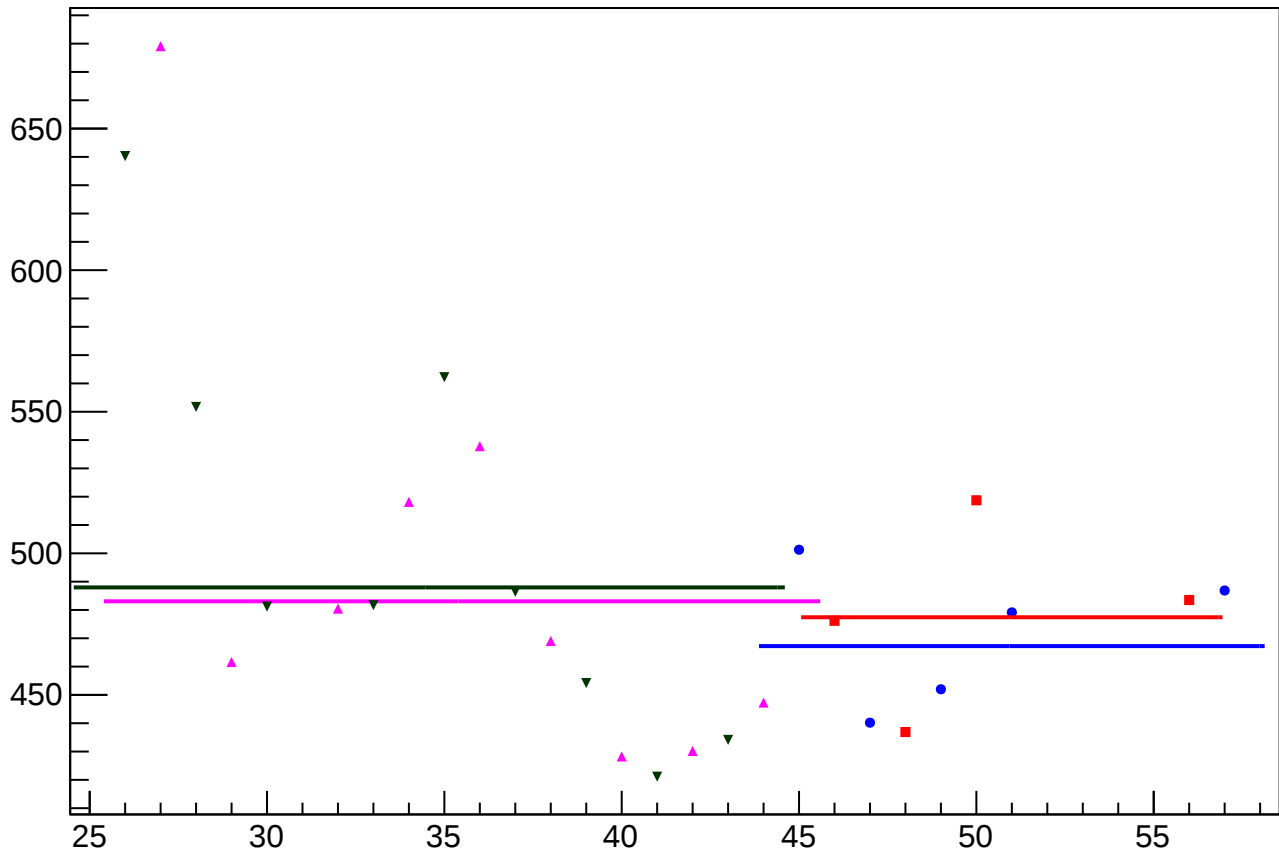
Right Out: -54.139 $\pm$ 349.263 χ^2/NDF : 1.3/3

Left In: -379.789 $\pm$ 205.675 χ^2/NDF : 5.2/8

423.140 $\pm$ 177.539 χ^2/NDF : 9.1/13

-295.937 $\pm$ 177.228 χ^2/NDF : 7.2/12

asym_right_avg_rms vs slug



Right In: 467.237 ± 0.207 χ^2/NDF : 12842.9/4

Left Out: 487.967 ± 0.158 χ^2/NDF : 142313.3/8

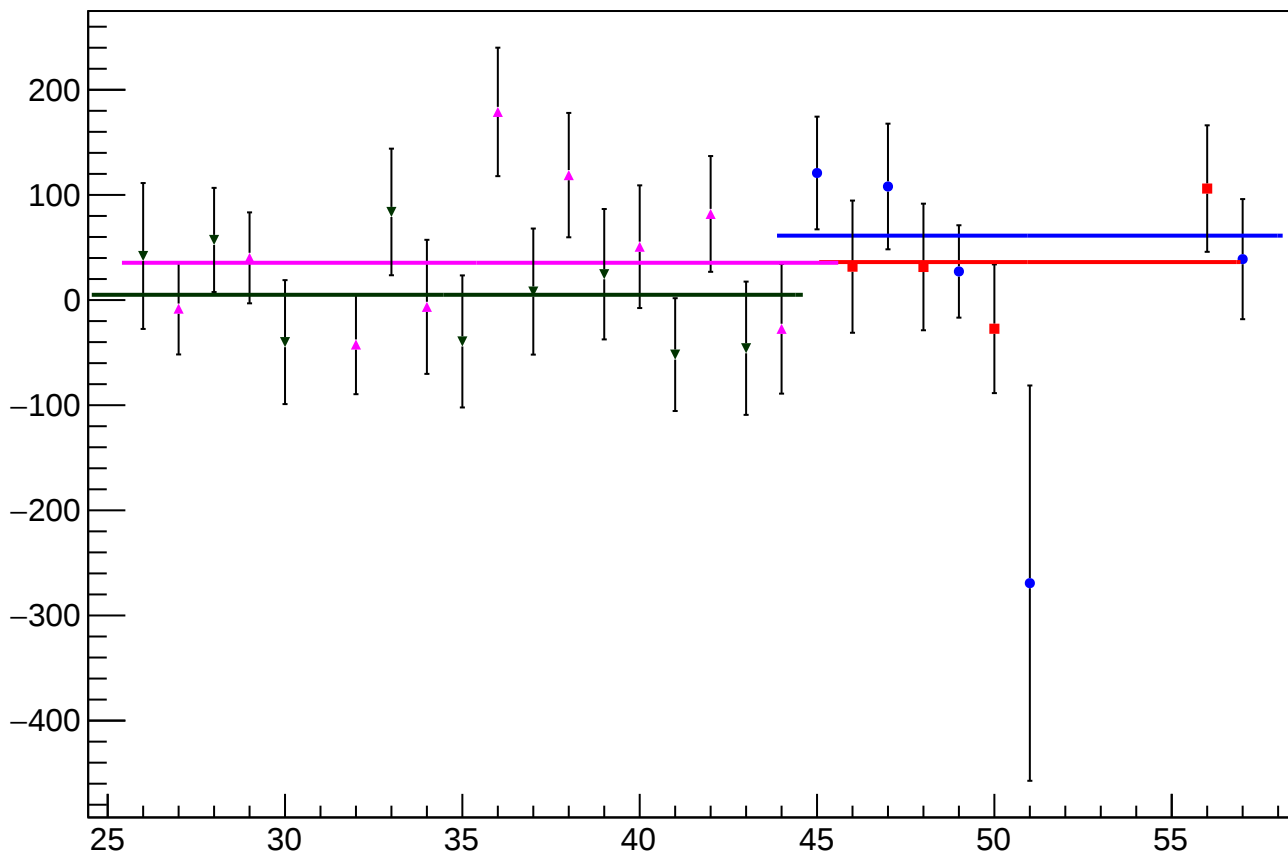
Right Out: 477.425 ± 0.247 χ^2/NDF : 14485.9/3

Left In: 483.059 ± 0.145 χ^2/NDF : 198865.1/8

480.321 ± 0.126 χ^2/NDF : 161503.6/13

481.608 ± 0.125 χ^2/NDF : 213737.4/12

asym_right_dd_mean vs slug



Right In: 61.268 $\pm$ 25.985 χ^2 /NDF: 5.7/4

Left Out: 5.008 $\pm$ 19.738 χ^2 /NDF:6.1/8

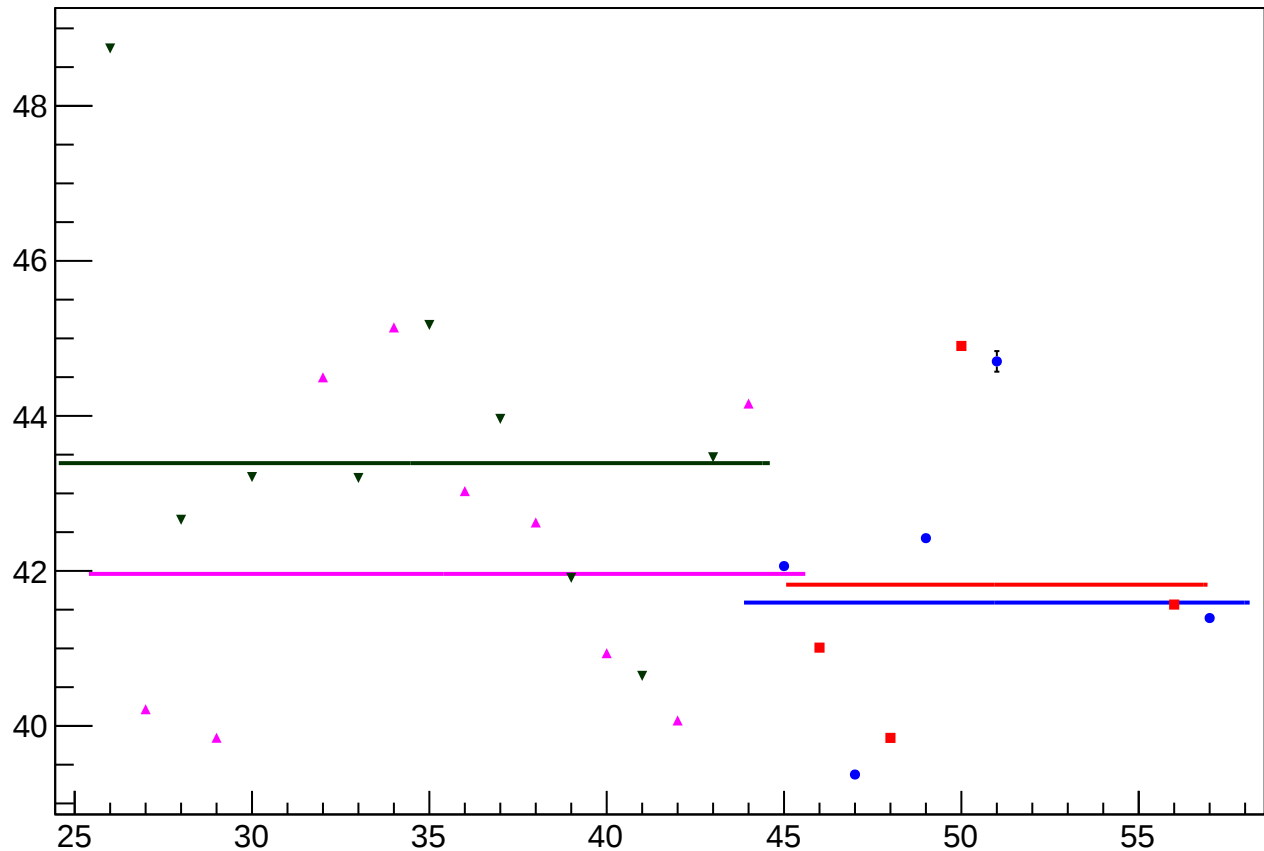
Right Out: 36.135 $\pm$ 30.543 χ^2 /NDF: 2.4/3

Left In: 35.466 $\pm$ 17.692 χ^2 /NDF:13.5/8

25.593 $\pm$ 15.718 χ^2 /NDF: 14.7/13

35.634 $\pm$ 15.309 χ^2 /NDF: 15.9/12

asym_right_dd_rms vs slug



Right In: 41.591+/-0.018 χ^2/NDF : 4199.3/4

Left Out: 43.391+/-0.014 χ^2/NDF : 20529.6/8

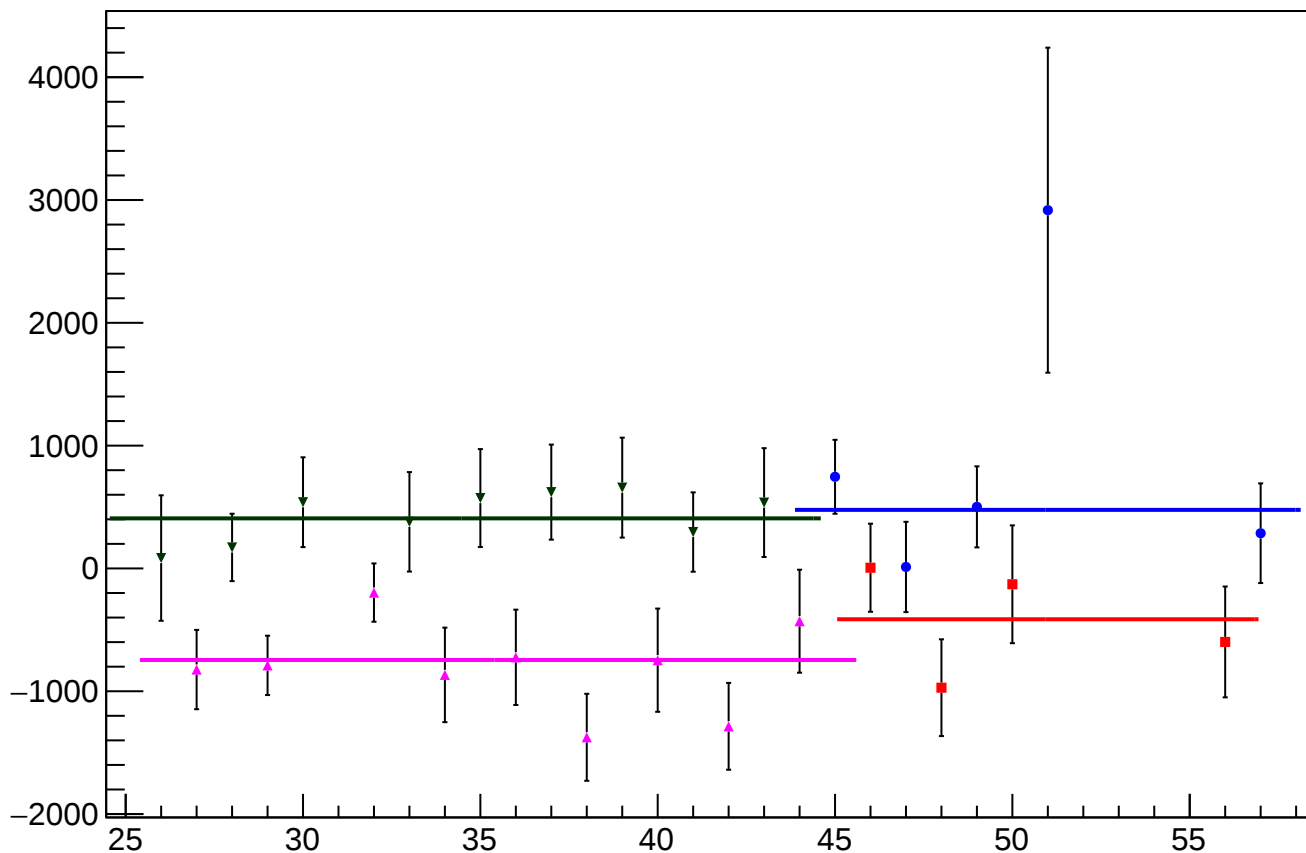
Right Out: 41.822+/-0.022 χ^2/NDF : 7588.6/3

Left In: 41.961+/-0.013 χ^2/NDF : 25099.5/8

42.732+/-0.011 χ^2/NDF : 30808.8/13

41.927+/-0.011 χ^2/NDF : 32719.2/12

asym_us_avg_mean vs slug



Right In: 476.918+/-170.832 χ^2/NDF : 6.0/4

Left Out: 407.654+/-124.646 χ^2/NDF : 2.3/8

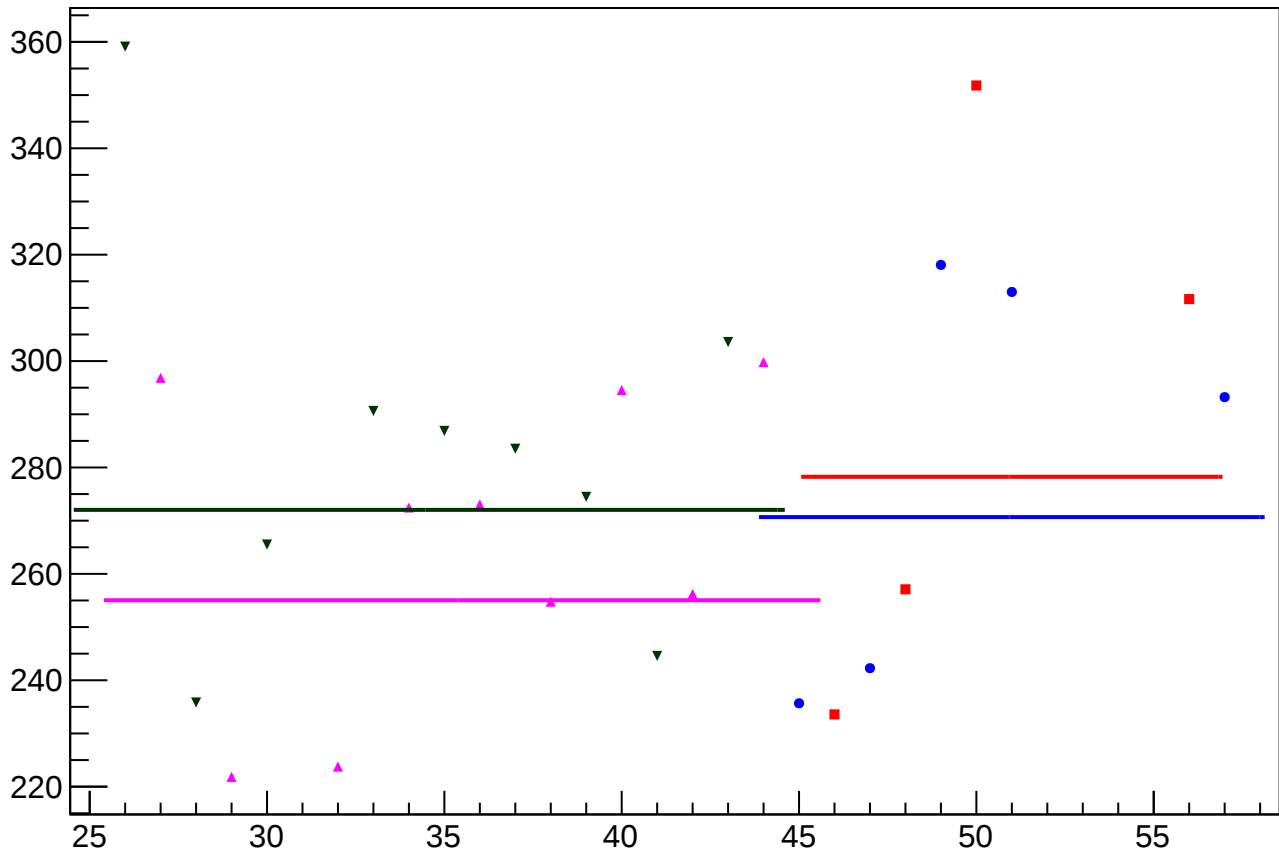
Right Out: -413.692+/-206.391 χ^2/NDF : 3.9/3

Left In: -745.341+/-108.352 χ^2/NDF : 11.6/8

431.718+/-100.692 χ^2/NDF : 8.5/13

-673.684+/-95.935 χ^2/NDF : 17.5/12

asym_us_avg_rms vs slug



Right In: 270.673 ± 0.121 χ^2/NDF : 88496.5/4

Left Out: 272.030 ± 0.088 χ^2/NDF : 126979.0/8

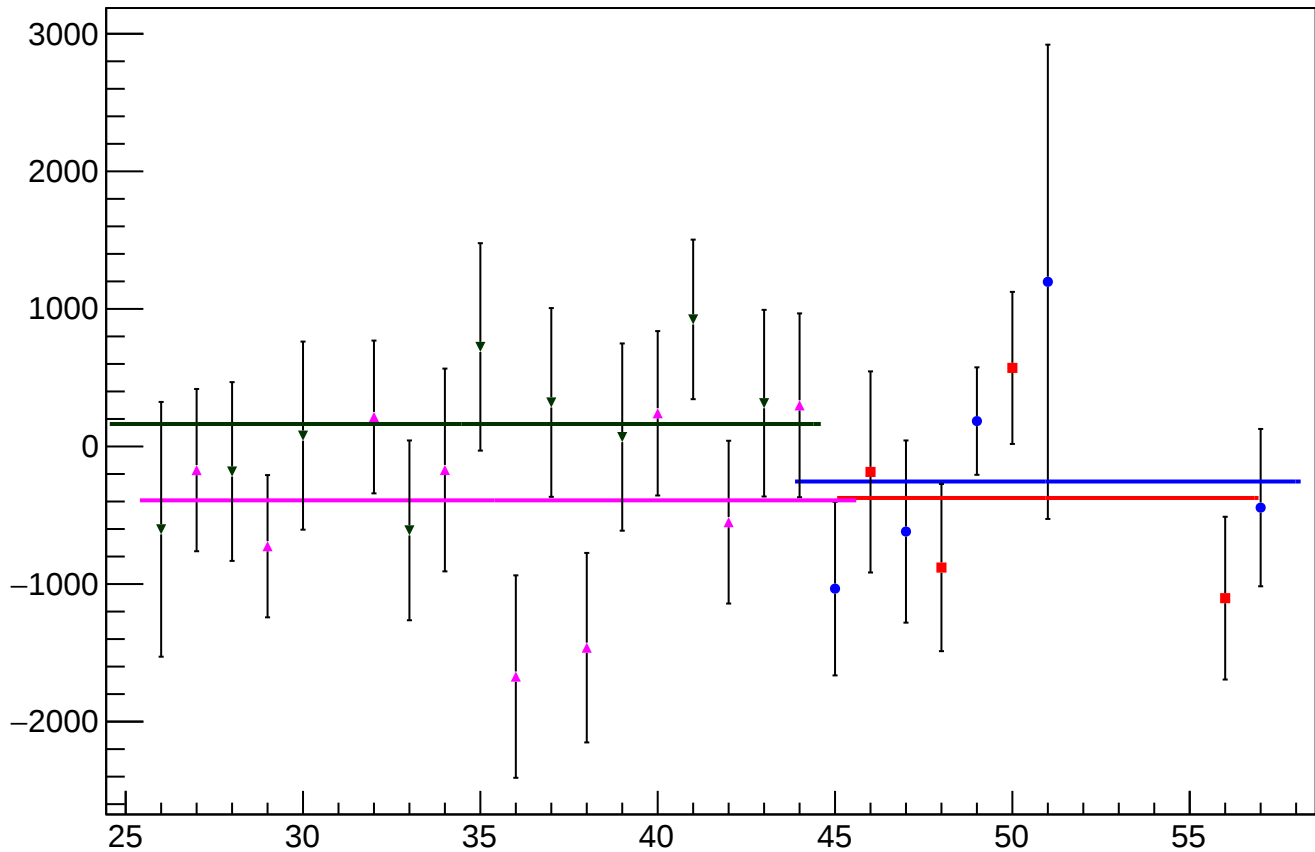
Right Out: 278.245 ± 0.146 χ^2/NDF : 94796.5/3

Left In: 255.044 ± 0.077 χ^2/NDF : 154932.2/8

271.558 ± 0.071 χ^2/NDF : 215557.8/13

260.057 ± 0.068 χ^2/NDF : 269540.2/12

asym_us_dd_mean vs slug



Right In: -254.644 ± 260.442 χ^2/NDF : 3.9/4

Left Out: 163.472 ± 228.189 χ^2/NDF : 4.8/8

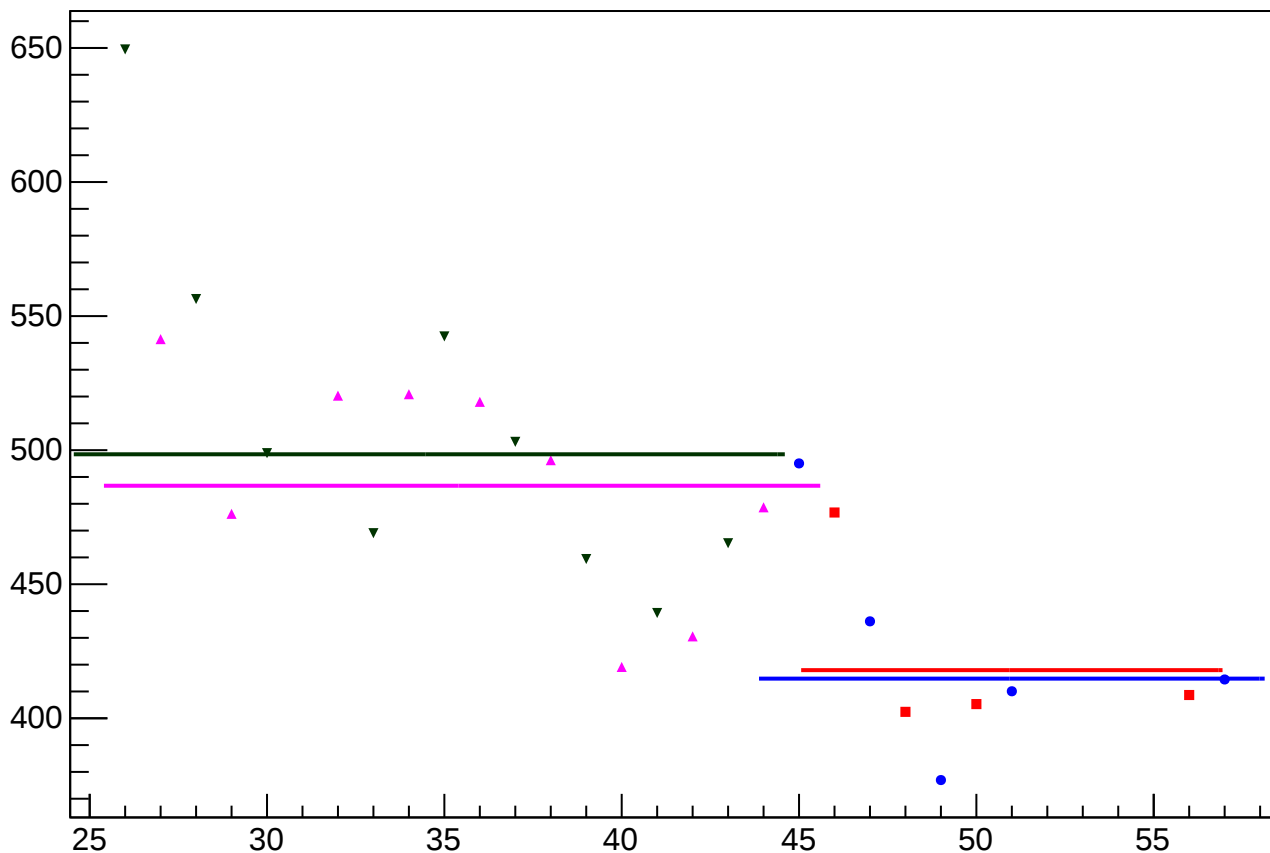
-18.107 ± 171.631 χ^2/NDF : 10.1/13

Right Out: -374.312 ± 305.581 χ^2/NDF : 5.2/3

-386.198 ± 170.848 χ^2/NDF : 14.7/12

Left In: -391.603 ± 206.064 χ^2/NDF : 9.5/8

asym_us_dd_rms vs slug



Right In: 414.792 ± 0.184 χ^2/NDF : 53253.1/4

Left Out: 498.461 ± 0.161 χ^2/NDF : 112214.2/8

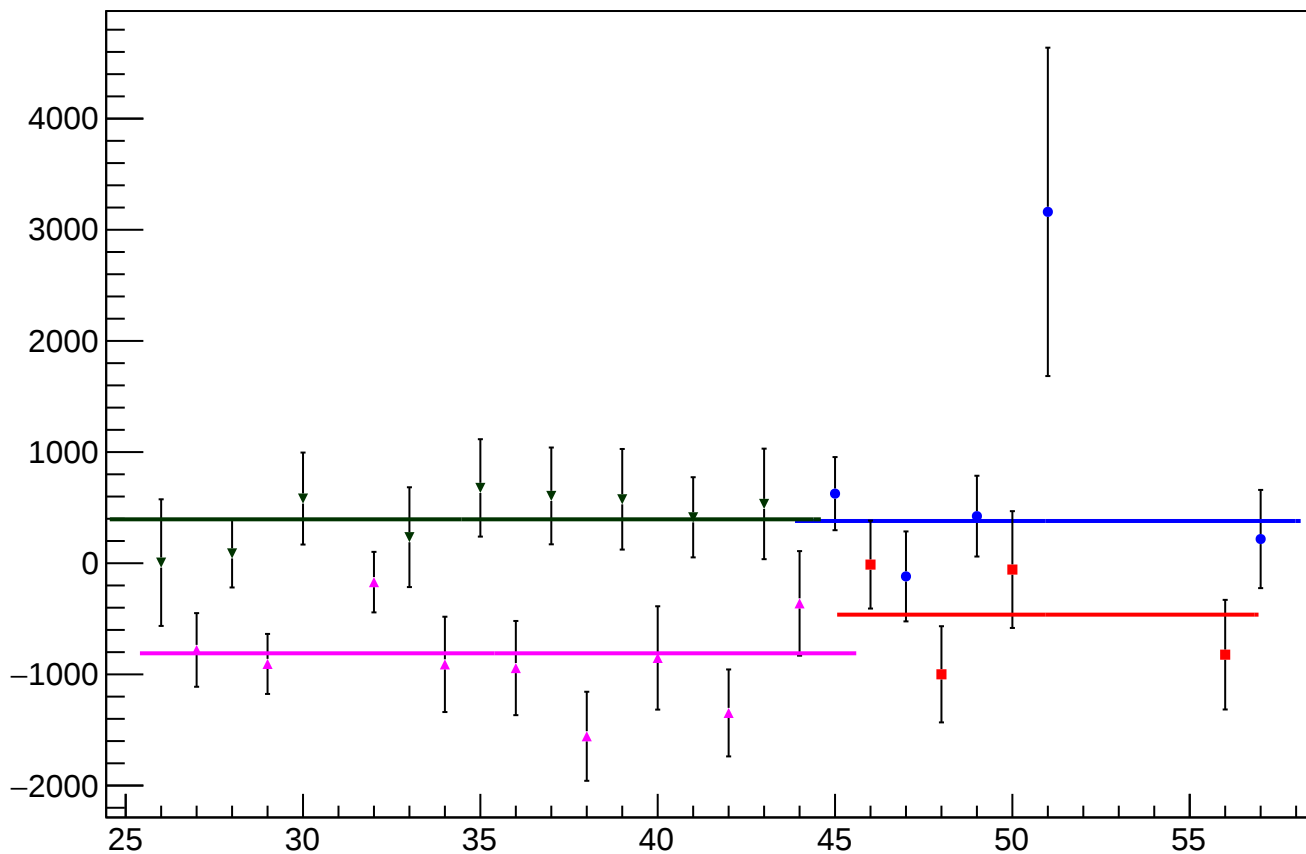
Right Out: 417.955 ± 0.216 χ^2/NDF : 15790.3/3

Left In: 486.730 ± 0.146 χ^2/NDF : 77533.3/8

462.125 ± 0.121 χ^2/NDF : 282238.6/13

465.232 ± 0.121 χ^2/NDF : 162962.5/12

asym_ds_avg_mean vs slug



Right In: 380.103+/-187.314 χ^2/NDF : 5.8/4

Left Out: 395.054+/-139.188 χ^2/NDF : 2.7/8

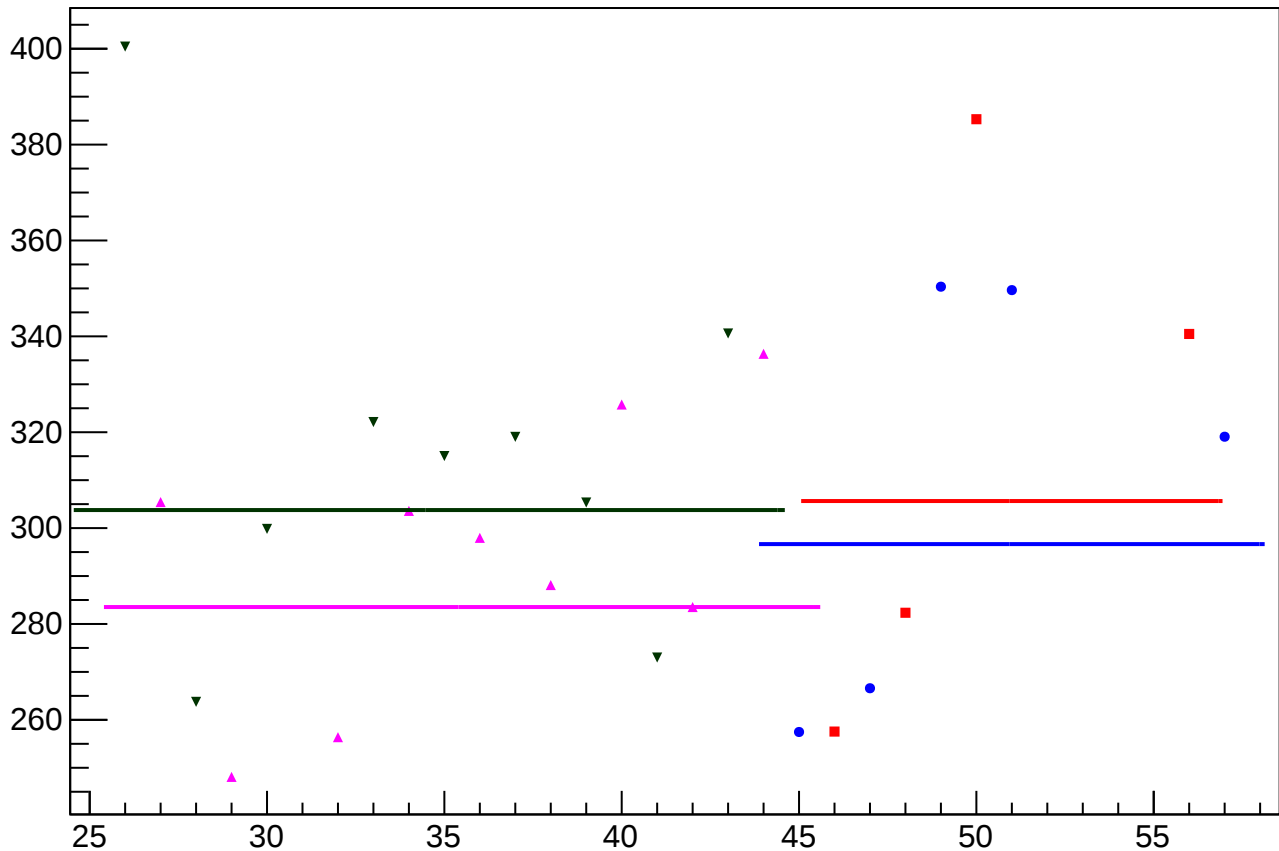
Right Out: -462.579+/-226.628 χ^2/NDF : 4.0/3

Left In: -810.313+/-120.172 χ^2/NDF : 12.1/8

389.735+/-111.721 χ^2/NDF : 8.5/13

-733.996+/-106.169 χ^2/NDF : 17.9/12

asym_ds_avg_rms vs slug



Right In: 296.662+/-0.132 χ^2/NDF : 90814.7/4

Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

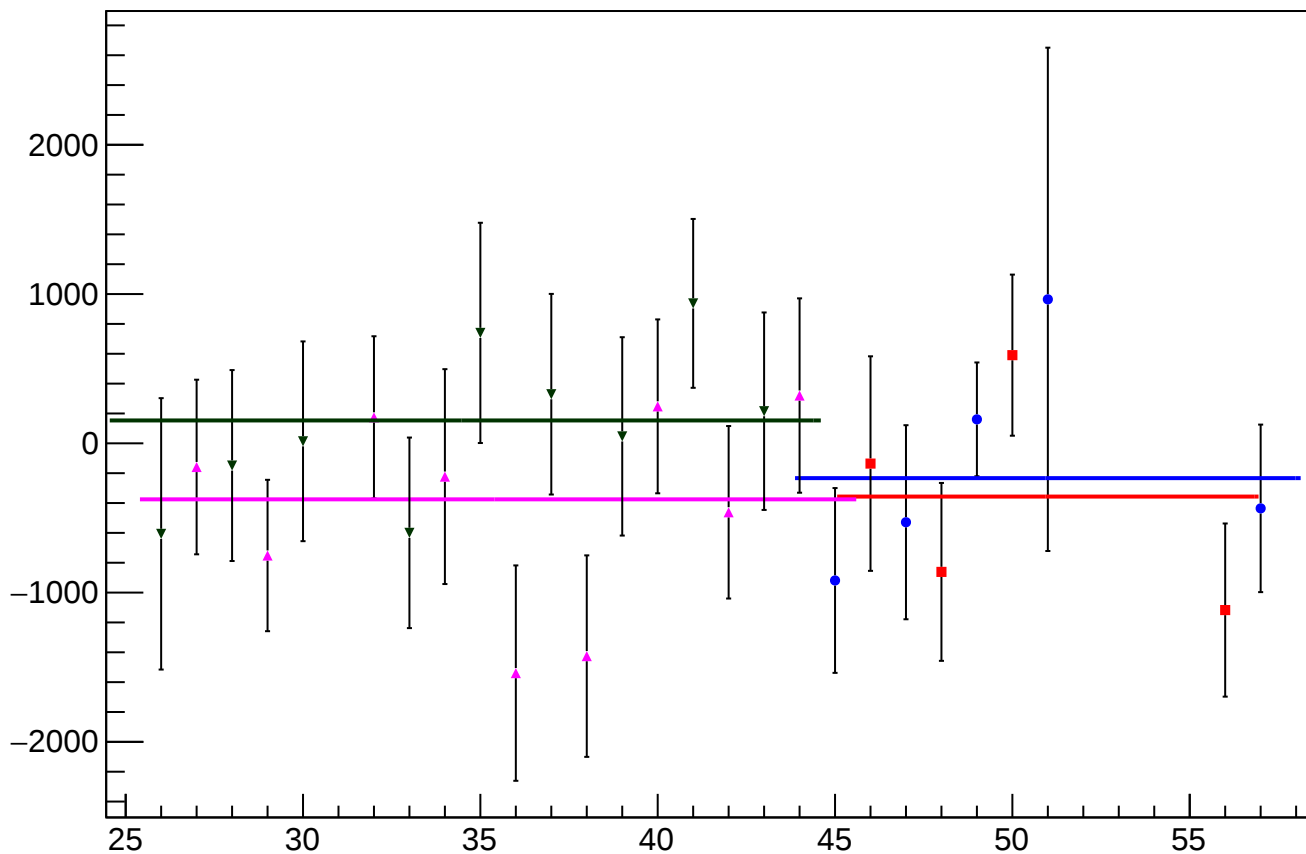
Right Out: 305.646+/-0.160 χ^2/NDF : 91332.2/3

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

301.239+/-0.079 χ^2/NDF : 217180.0/13

288.385+/-0.075 χ^2/NDF : 217973.2/12

asym_ds_dd_mean vs slug



Right In: -233.174 $\pm$ 254.944 χ^2/NDF : 3.1/4

Left Out: 153.259 $\pm$ 223.218 χ^2/NDF : 5.0/8

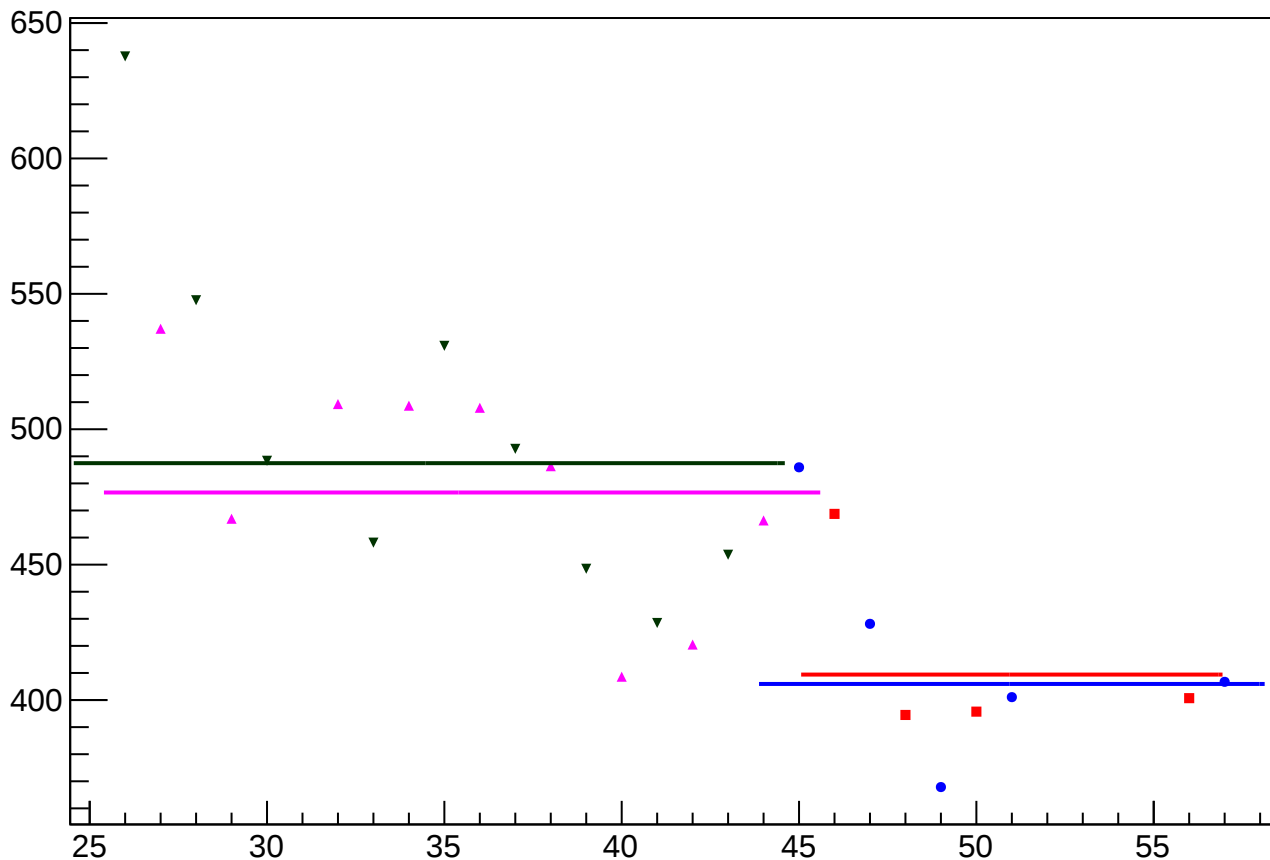
Right Out: -356.719 $\pm$ 299.364 χ^2/NDF : 5.6/3

Left In: -375.323 $\pm$ 201.839 χ^2/NDF : 9.1/8

-14.431 $\pm$ 167.942 χ^2/NDF : 9.4/13

-369.509 $\pm$ 167.354 χ^2/NDF : 14.7/12

asym_ds_dd_rms vs slug



Right In: 405.941+/-0.180 χ^2/NDF : 55710.2/4

Left Out: 487.474+/-0.158 χ^2/NDF : 117424.5/8

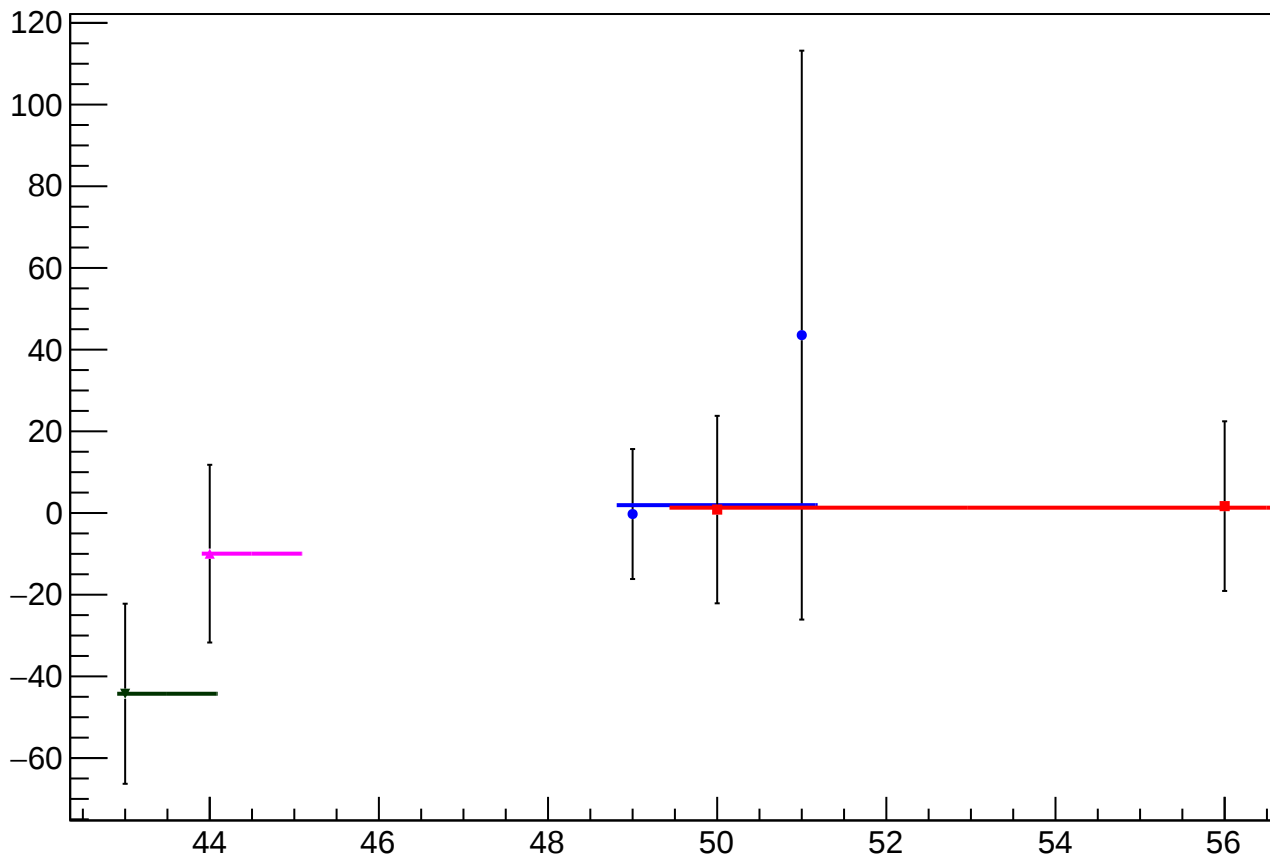
Right Out: 409.405+/-0.212 χ^2/NDF : 16622.5/3

Left In: 476.643+/-0.143 χ^2/NDF : 84134.8/8

452.093+/-0.119 χ^2/NDF : 288923.2/13

455.630+/-0.118 χ^2/NDF : 170119.3/12

bcm_an_us_ds_dd_mean vs slug



Right In: 1.924 $\pm$ 15.513 χ^2 /NDF: 0.4/1

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

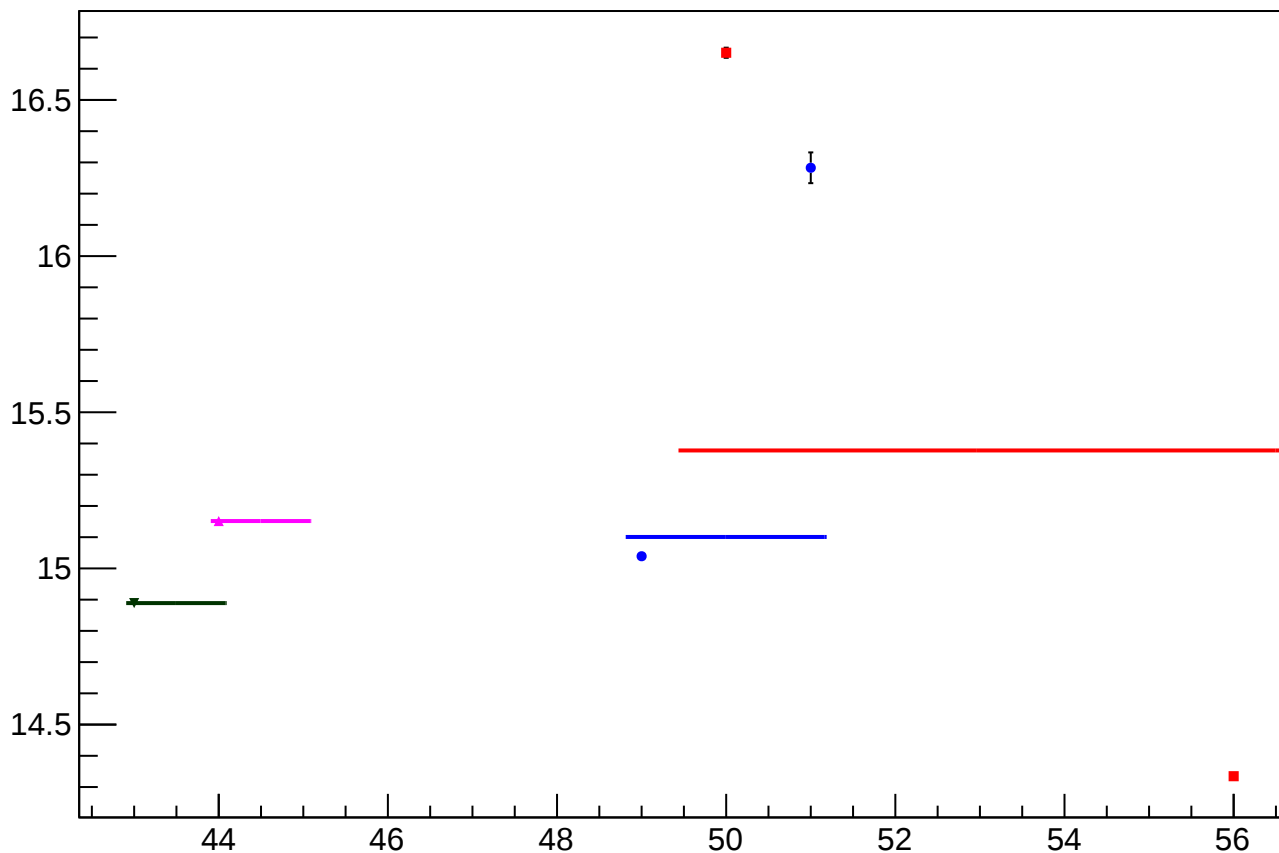
Right Out: 1.305 $\pm$ 15.400 χ^2 /NDF: 0.0/1

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

-13.367 $\pm$ 12.687 χ^2 /NDF: 3.3/2

-2.452 $\pm$ 12.570 χ^2 /NDF: 0.2/2

bcm_an_us_ds_dd_rms vs slug



Right In: 15.101 $\pm$ 0.011 χ^2/NDF : 606.2/1

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

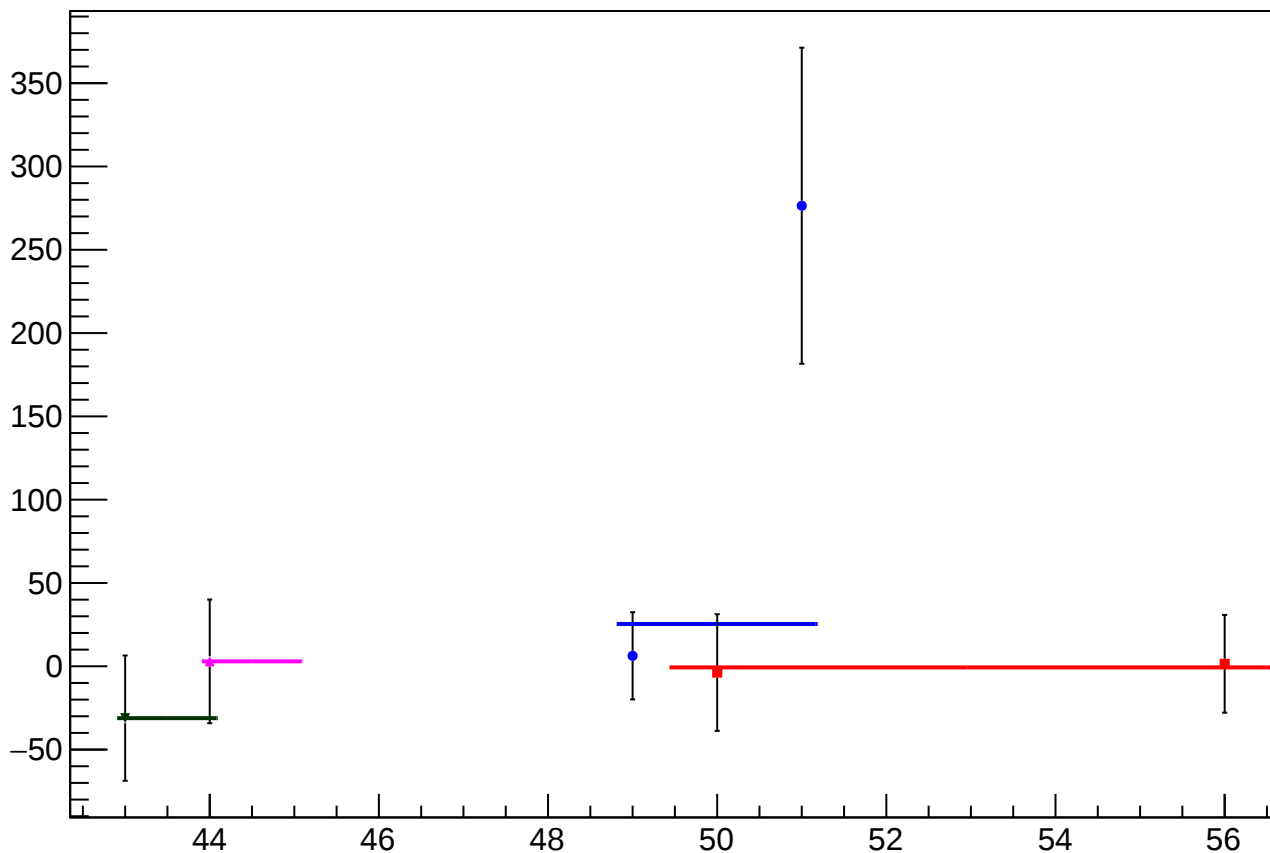
Right Out: 15.378 $\pm$ 0.011 χ^2/NDF : 11201.9/1

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

15.031 $\pm$ 0.009 χ^2/NDF : 729.6/2

15.302 $\pm$ 0.009 χ^2/NDF : 11345.7/2

bcm_dg_us_ds_dd_mean vs slug



Right In: 25.397 $\pm$ 25.234 χ^2 /NDF: 7.5/1

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

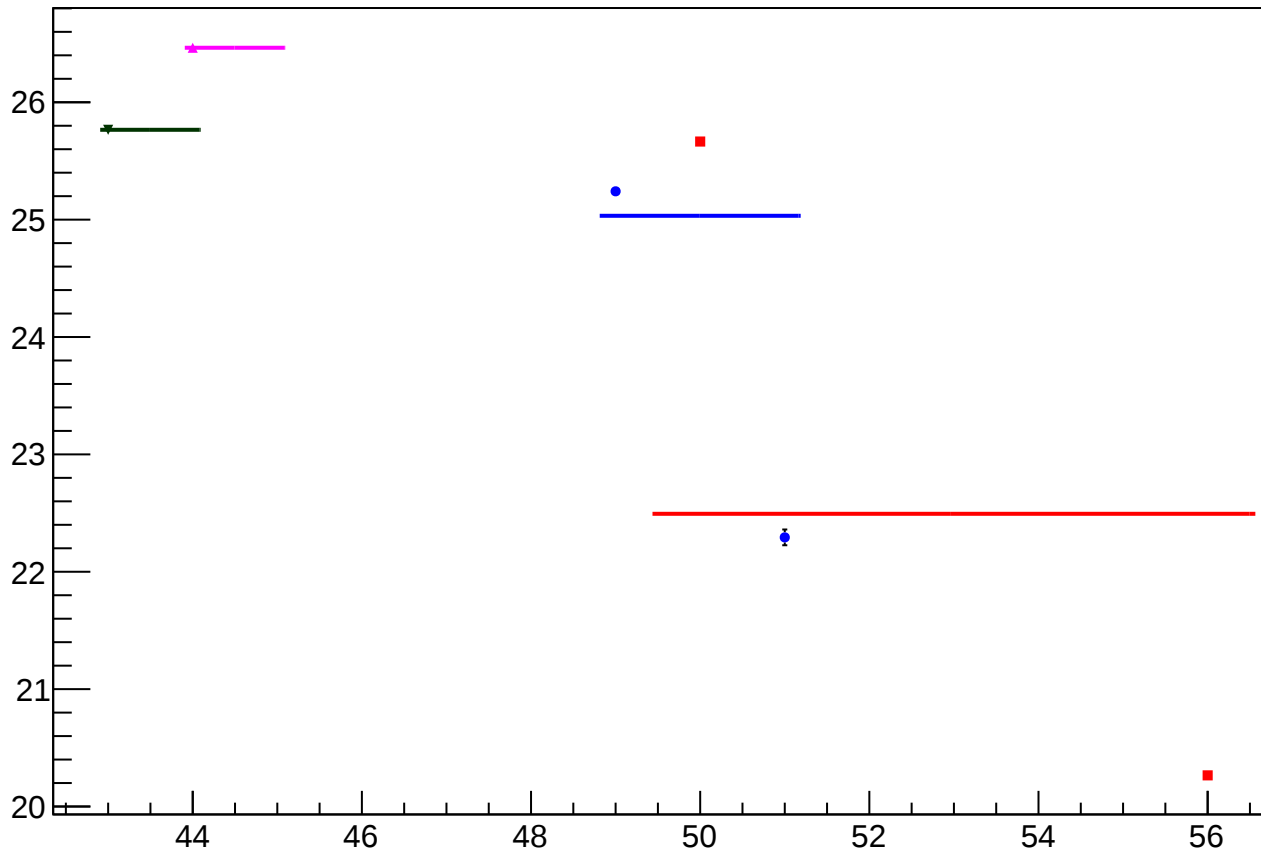
Right Out: -0.677 $\pm$ 22.490 χ^2 /NDF: 0.0/1

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

7.845 $\pm$ 20.953 χ^2 /NDF: 9.1/2

0.301 $\pm$ 19.234 χ^2 /NDF: 0.0/2

bcm_dg_us_ds_dd_rms vs slug



Right In: 25.033+/-0.018 χ^2/NDF : 1794.8/1

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

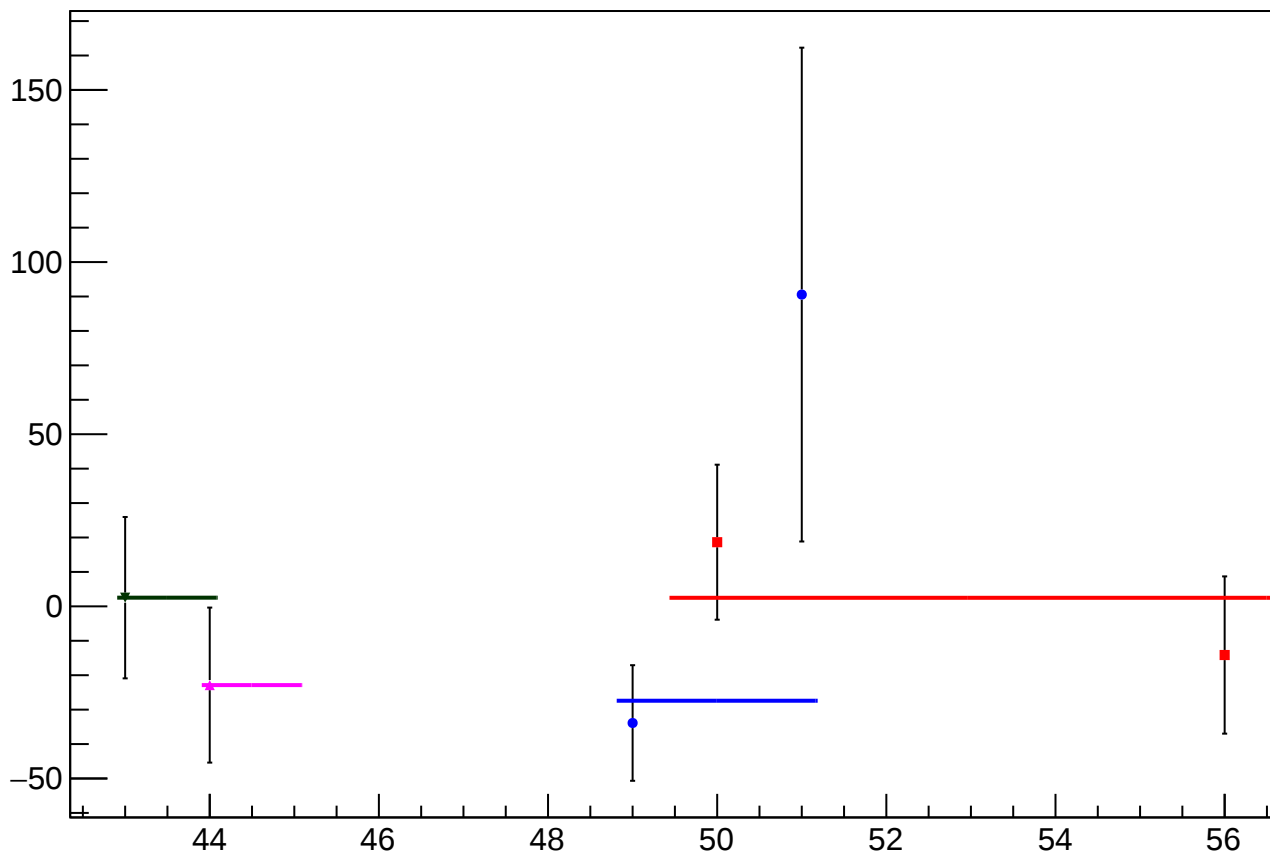
25.260+/-0.015 χ^2/NDF : 2318.3/2

Right Out: 22.494+/-0.016 χ^2/NDF : 27948.4/1

23.560+/-0.014 χ^2/NDF : 44694.3/2

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

bcm_dg_ds_ds_dd_mean vs slug



Right In: -27.414 $\pm$ 16.348 χ^2/NDF : 2.9/1

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

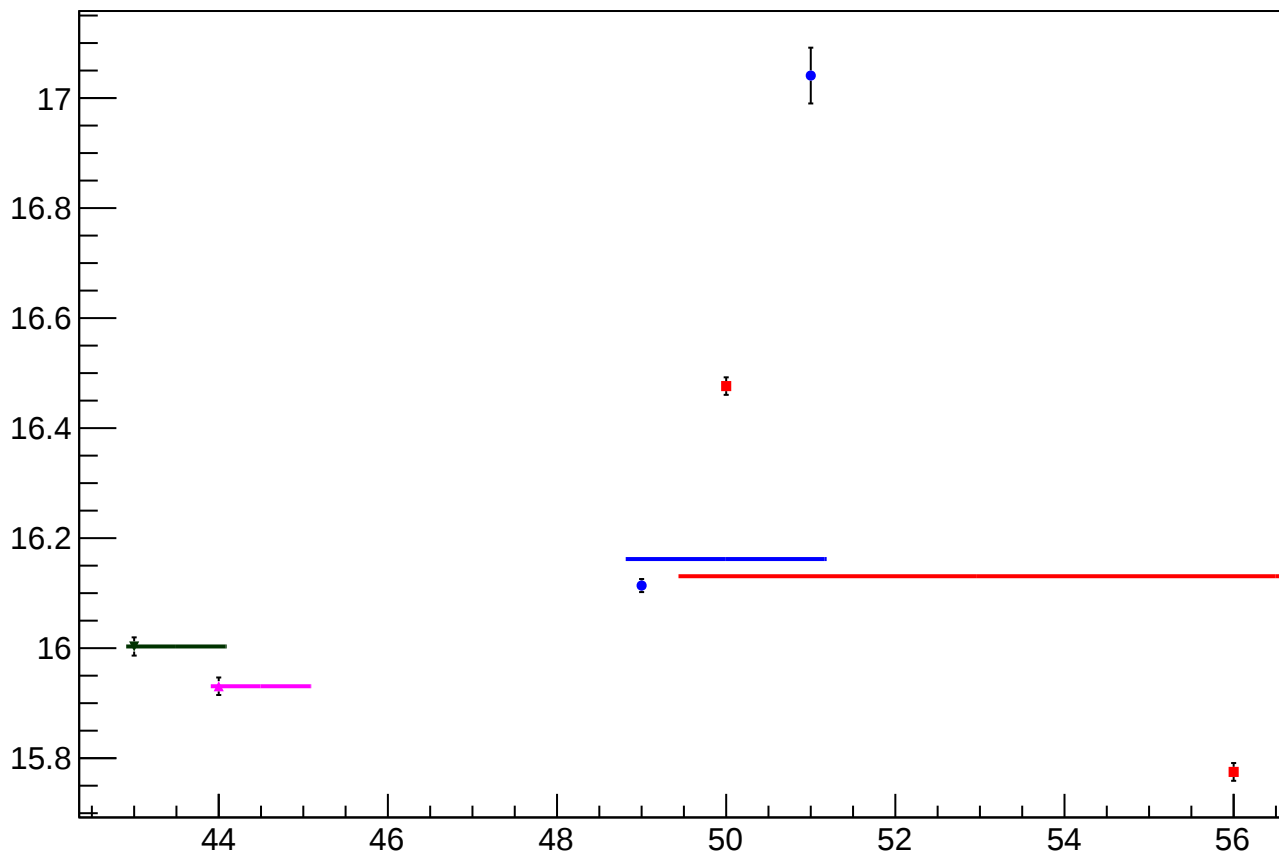
Right Out: 2.486 $\pm$ 16.032 χ^2/NDF : 1.0/1

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

-17.616 $\pm$ 13.408 χ^2/NDF : 4.0/2

-6.046 $\pm$ 13.059 χ^2/NDF : 1.9/2

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.162 $\pm$ 0.012 χ^2 /NDF: 316.8/1

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

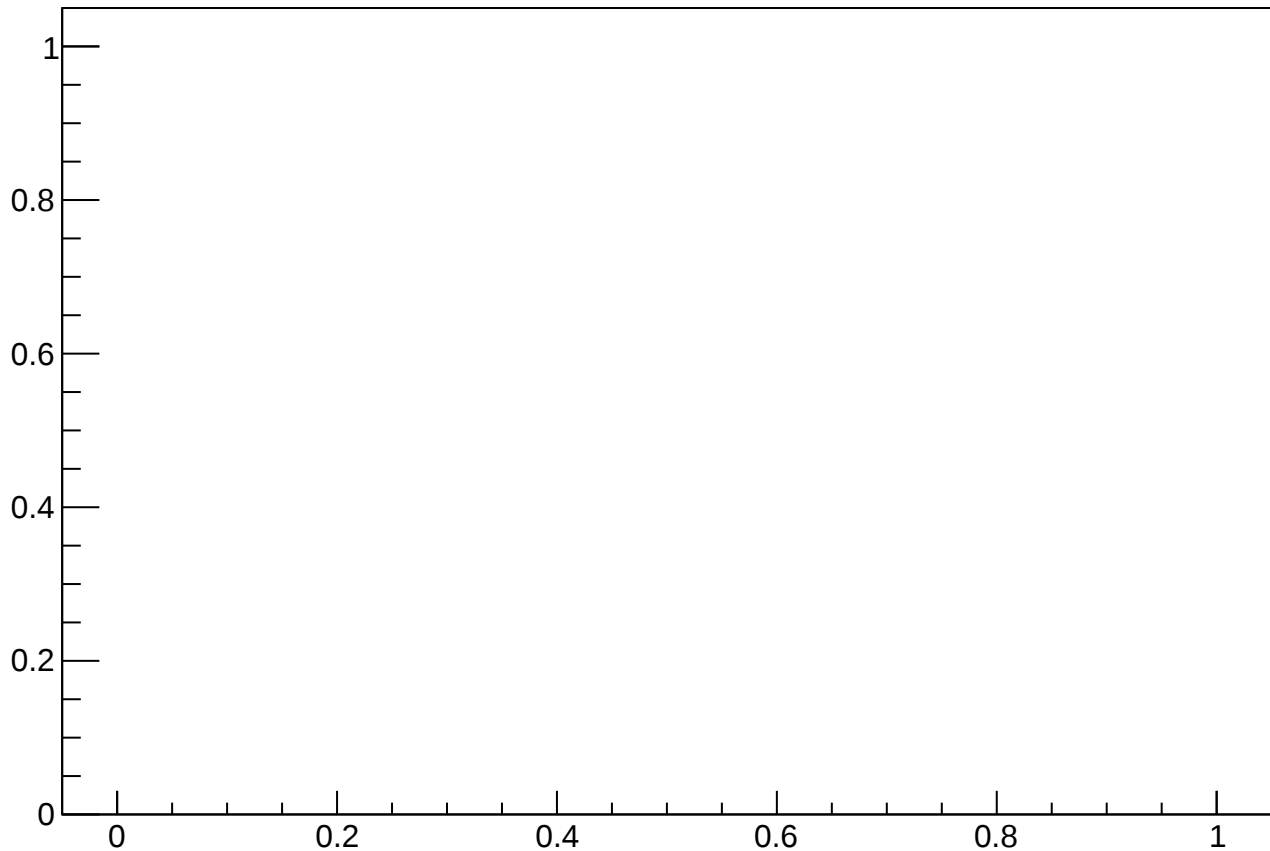
Right Out: 16.131 $\pm$ 0.011 χ^2 /NDF: 956.8/1

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

16.110 $\pm$ 0.009 χ^2 /NDF: 378.7/2

16.063 $\pm$ 0.009 χ^2 /NDF: 1061.5/2

bcm_dg_ds_ds3_dd_mean vs slug



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

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

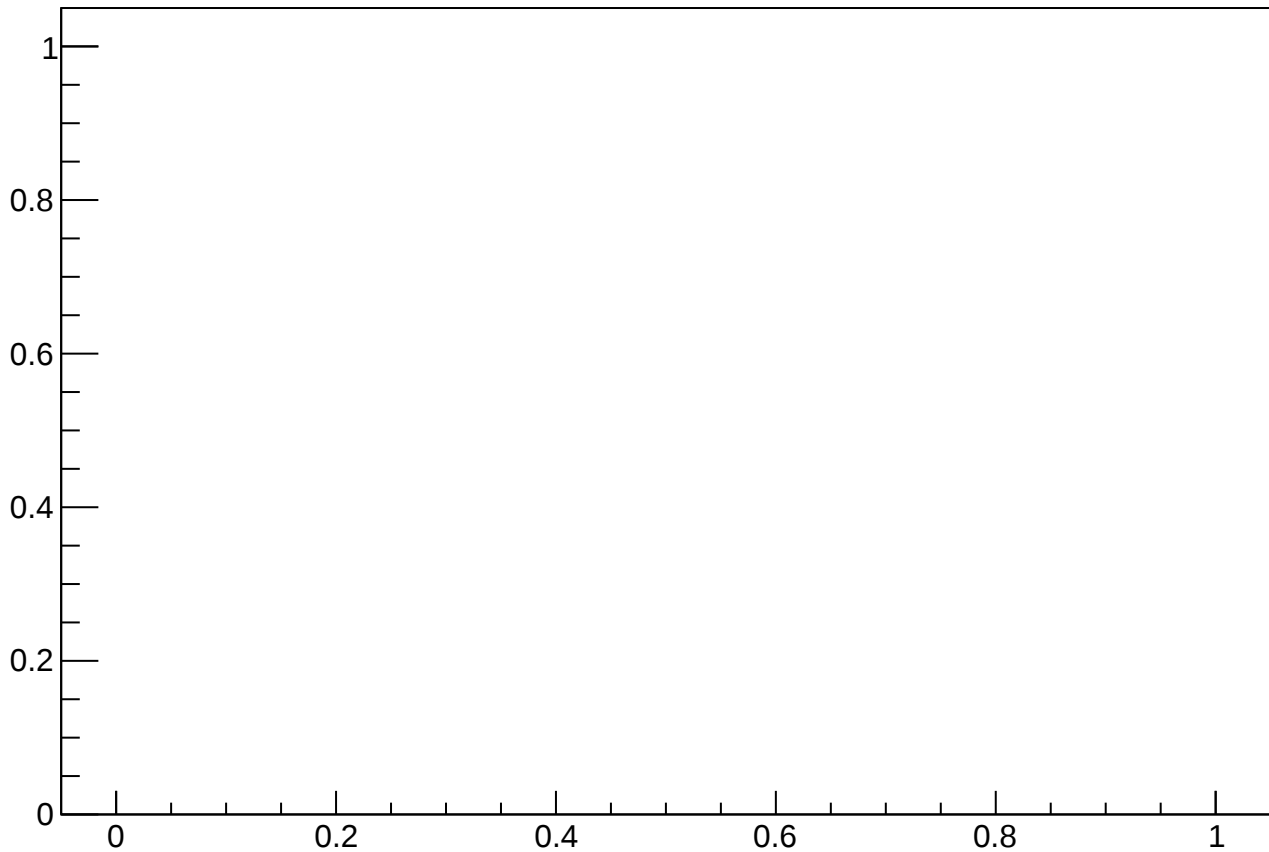
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

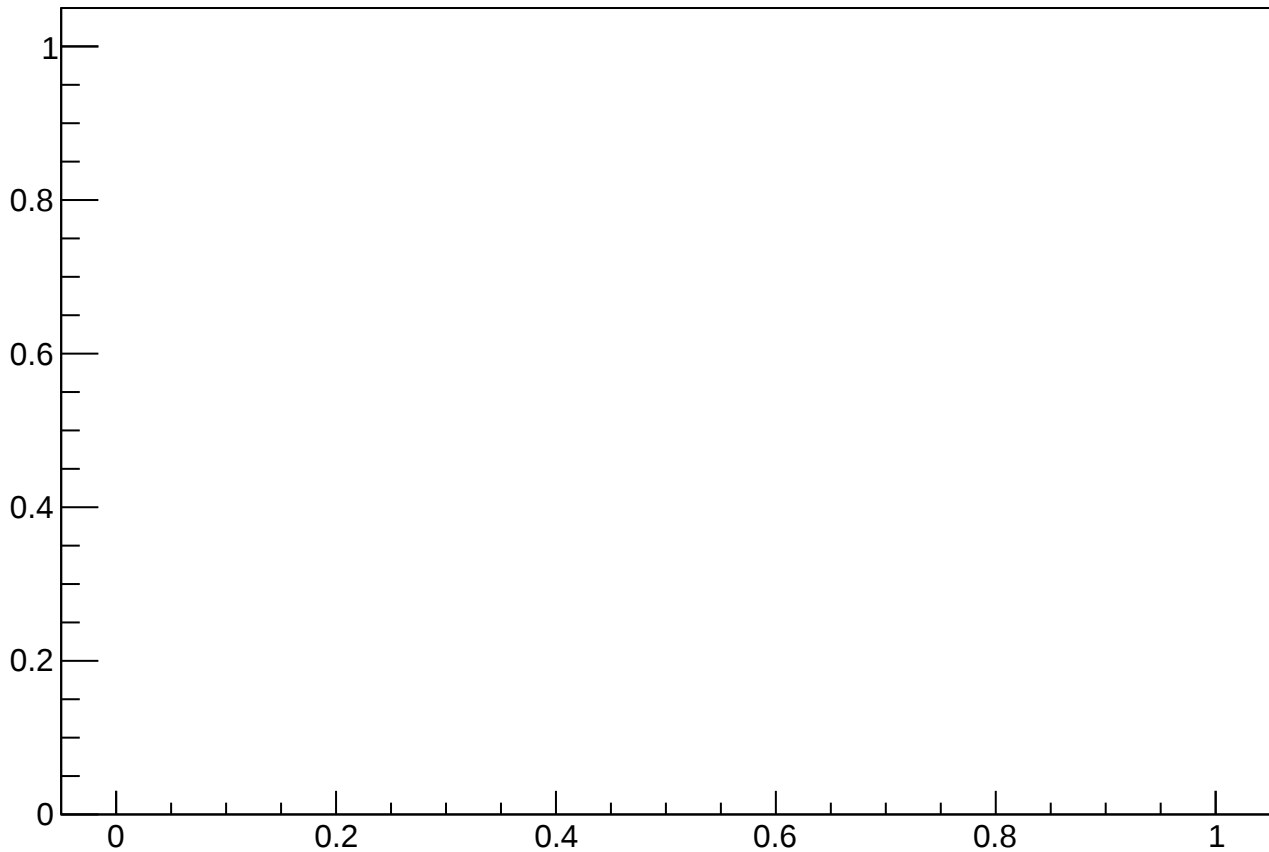
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

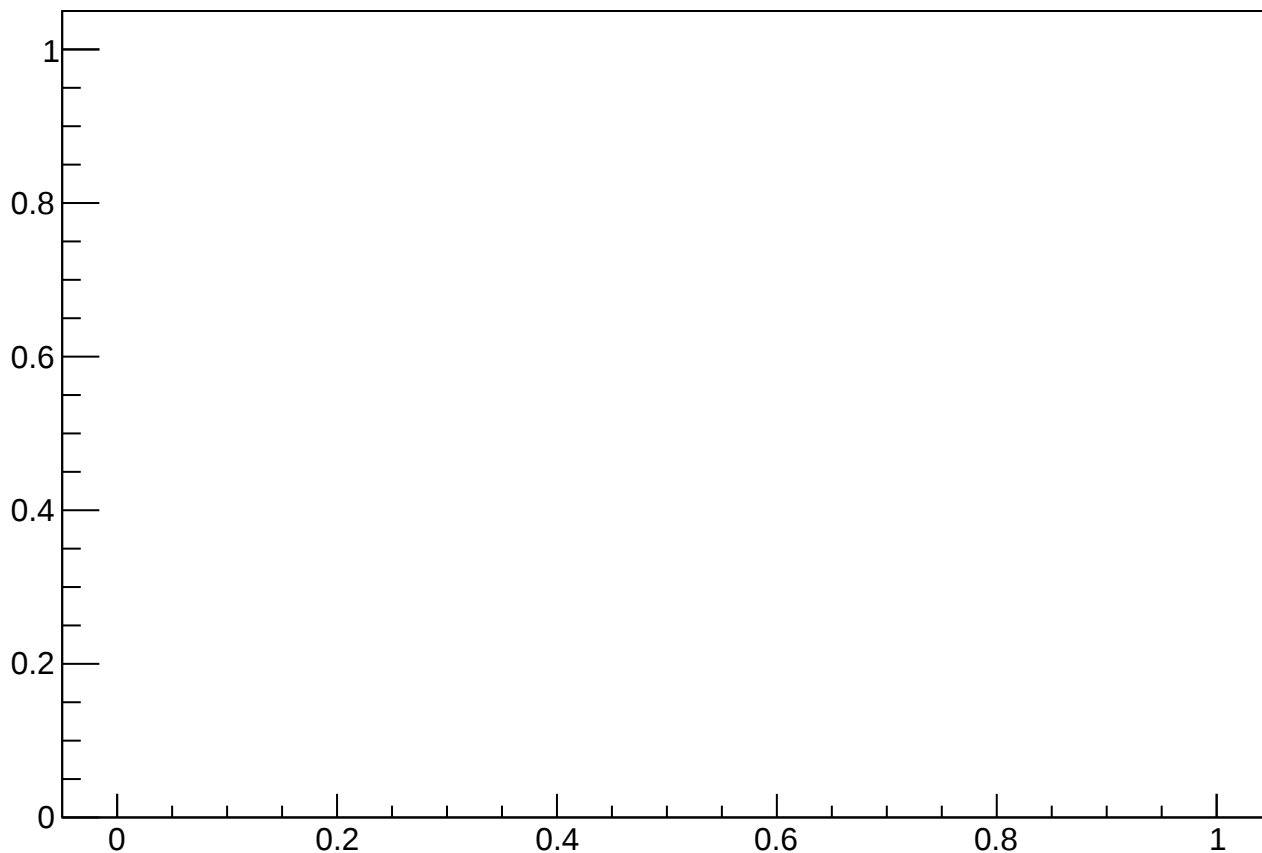
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_rms vs slug



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

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

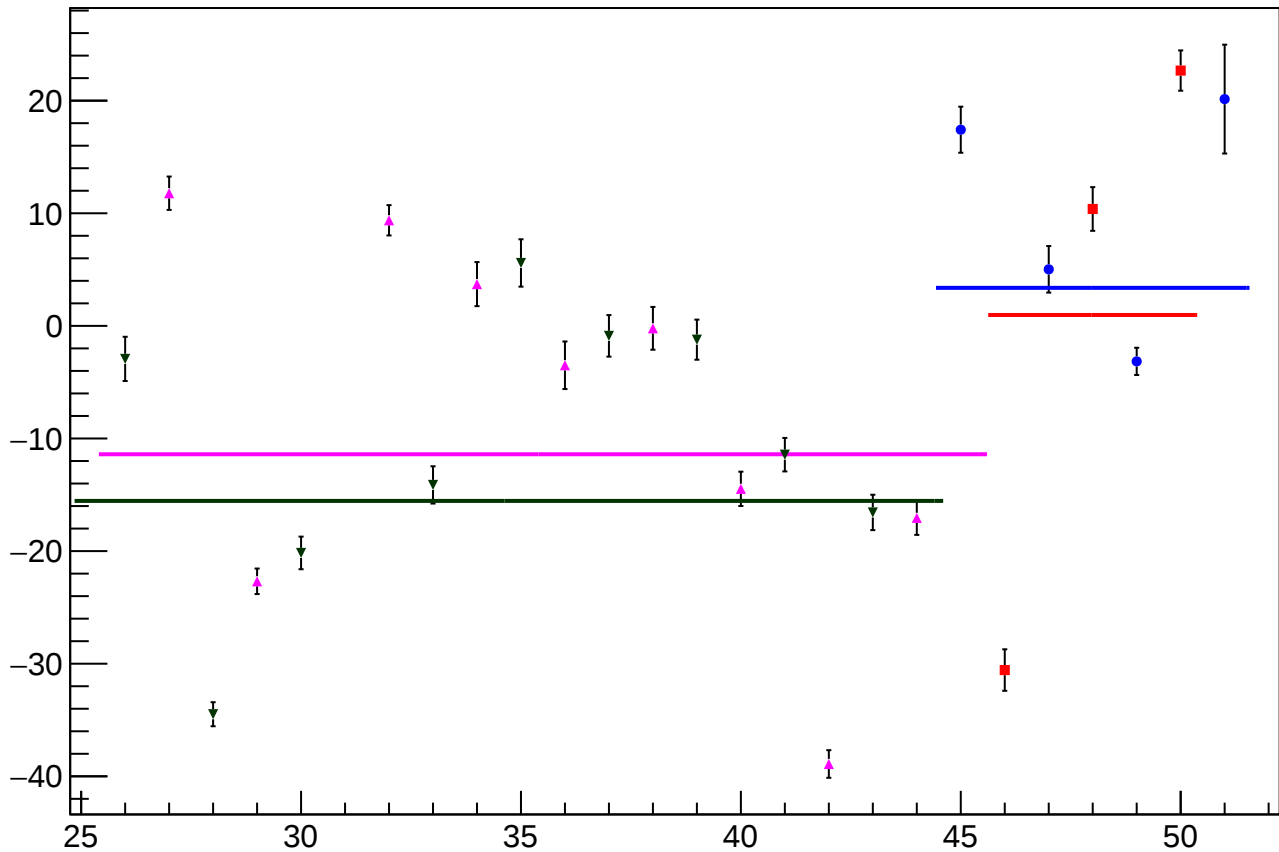
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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_sam1_diff_bpm4aX_slope vs slug



Right In: 3.378 $\pm$ 0.913 χ^2/NDF : 89.0/3

Left Out: -15.543 $\pm$ 0.522 χ^2/NDF : 604.1/8

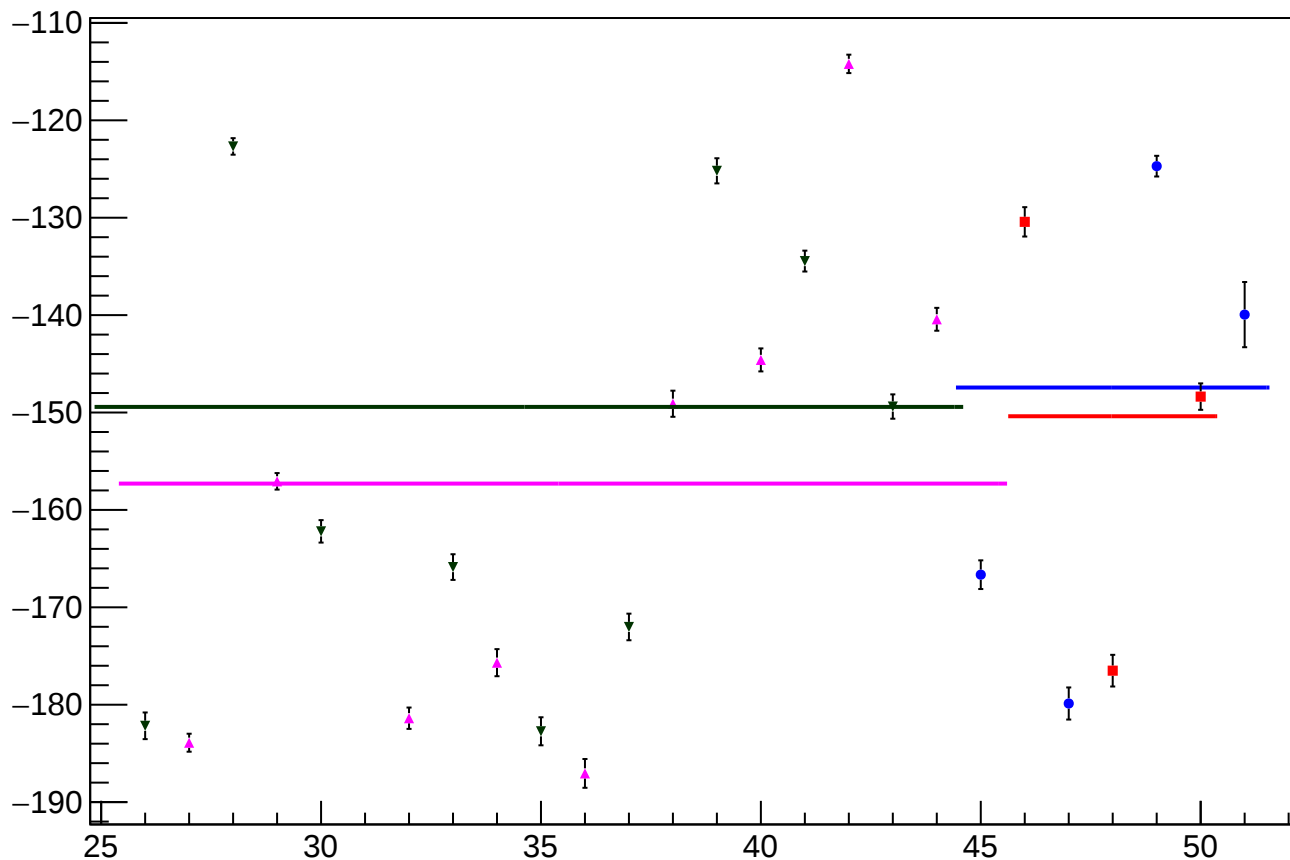
Right Out: 0.969 $\pm$ 1.071 χ^2/NDF : 463.3/2

Left In: -11.401 $\pm$ 0.495 χ^2/NDF : 1211.6/8

-10.886 $\pm$ 0.453 χ^2/NDF : 1016.8/12

-9.223 $\pm$ 0.449 χ^2/NDF : 1784.9/11

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -147.434 $\pm$ 0.744 χ^2/NDF : 1020.6/3

Left Out: -149.424 $\pm$ 0.396 χ^2/NDF : 3200.7/8

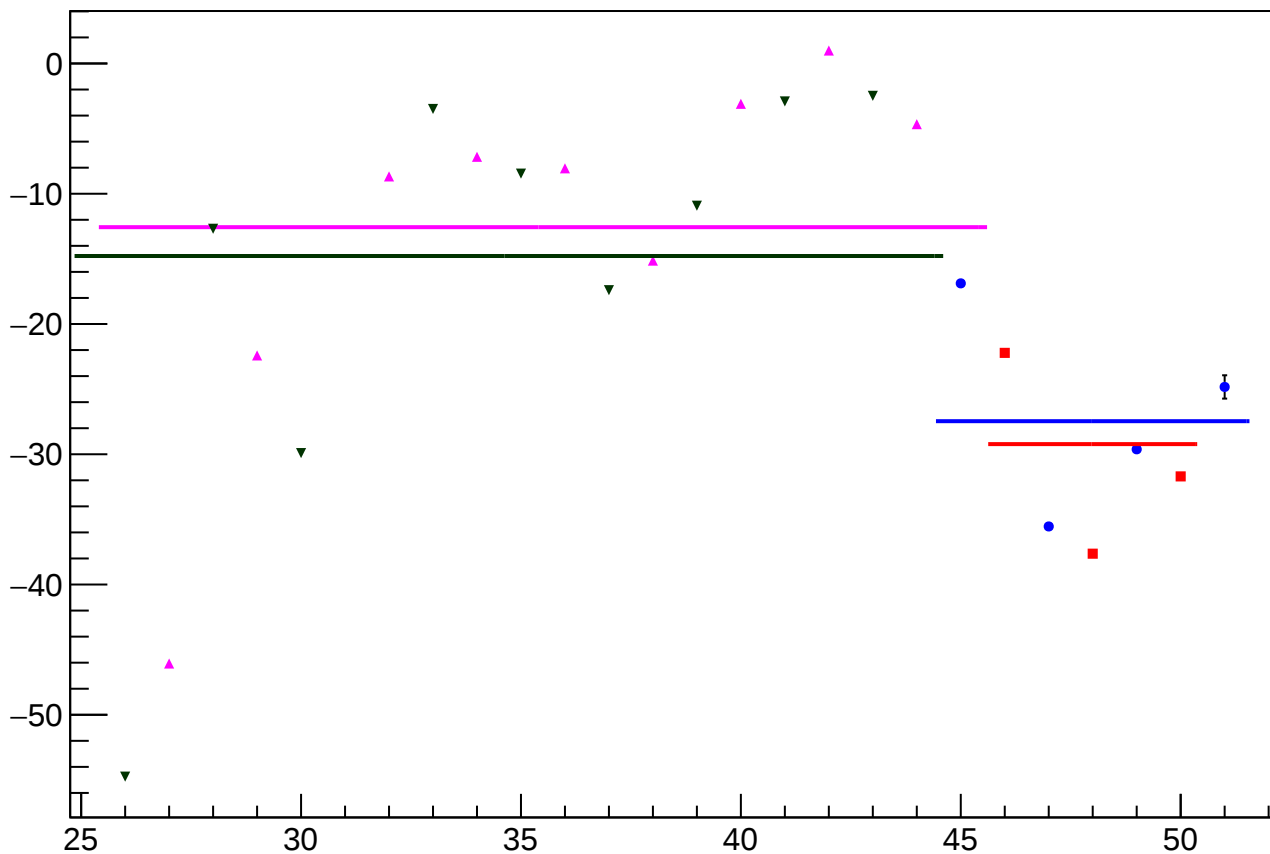
Right Out: -150.384 $\pm$ 0.857 χ^2/NDF : 435.5/2

Left In: -157.298 $\pm$ 0.365 χ^2/NDF : 4330.4/8

-148.985 $\pm$ 0.350 χ^2/NDF : 4226.9/12

-156.234 $\pm$ 0.336 χ^2/NDF : 4820.9/11

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -27.461 ± 0.167 $\chi^2/\text{NDF}: 1685.7/3$

Left Out: -14.780 ± 0.088 $\chi^2/\text{NDF}: 26305.9/8$

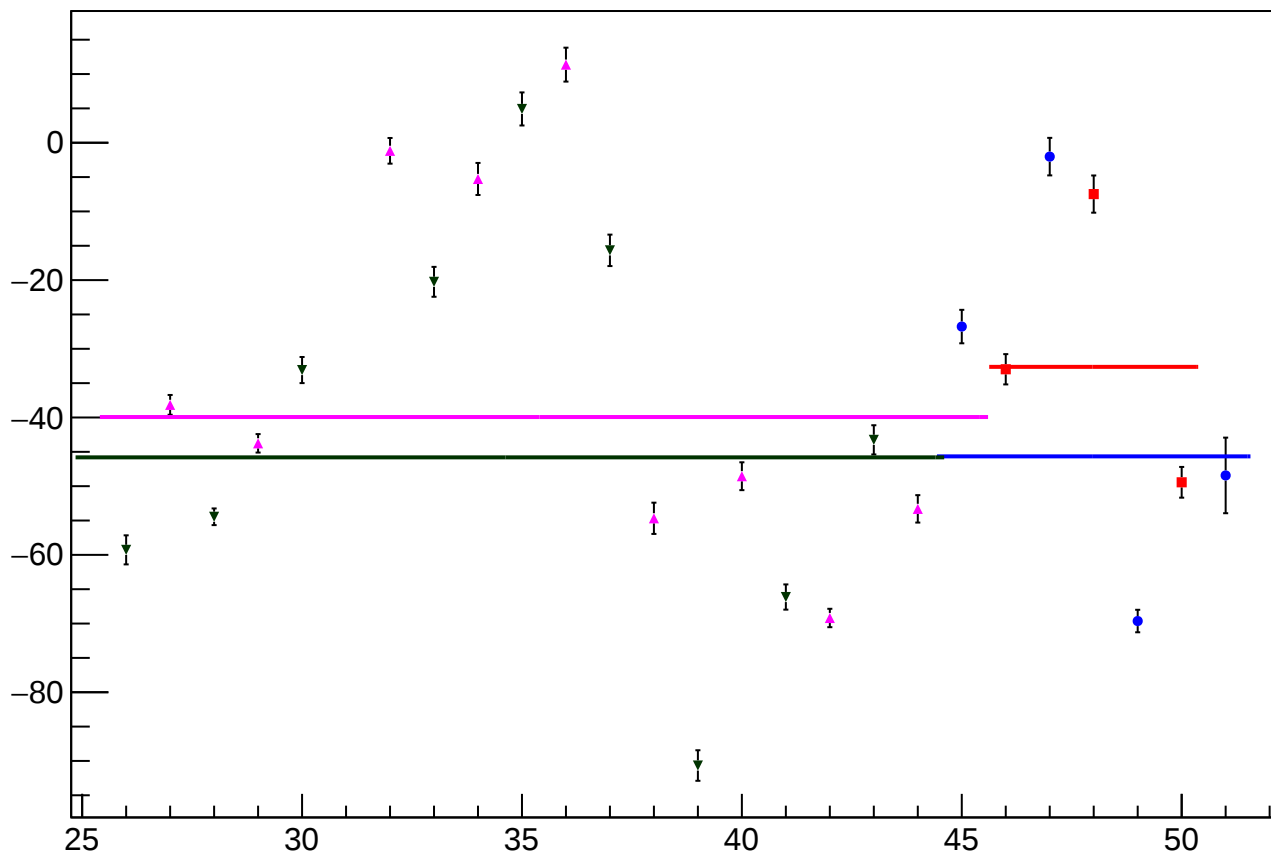
Right Out: -29.221 ± 0.185 $\chi^2/\text{NDF}: 1246.3/2$

Left In: -12.566 ± 0.085 $\chi^2/\text{NDF}: 25284.3/8$

-17.552 ± 0.078 $\chi^2/\text{NDF}: 32493.2/12$

-15.484 ± 0.077 $\chi^2/\text{NDF}: 33225.2/11$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -45.660 +/- 1.188 χ^2/NDF : 530.0/3

Left Out: -45.805 +/- 0.636 χ^2/NDF : 1422.6/8

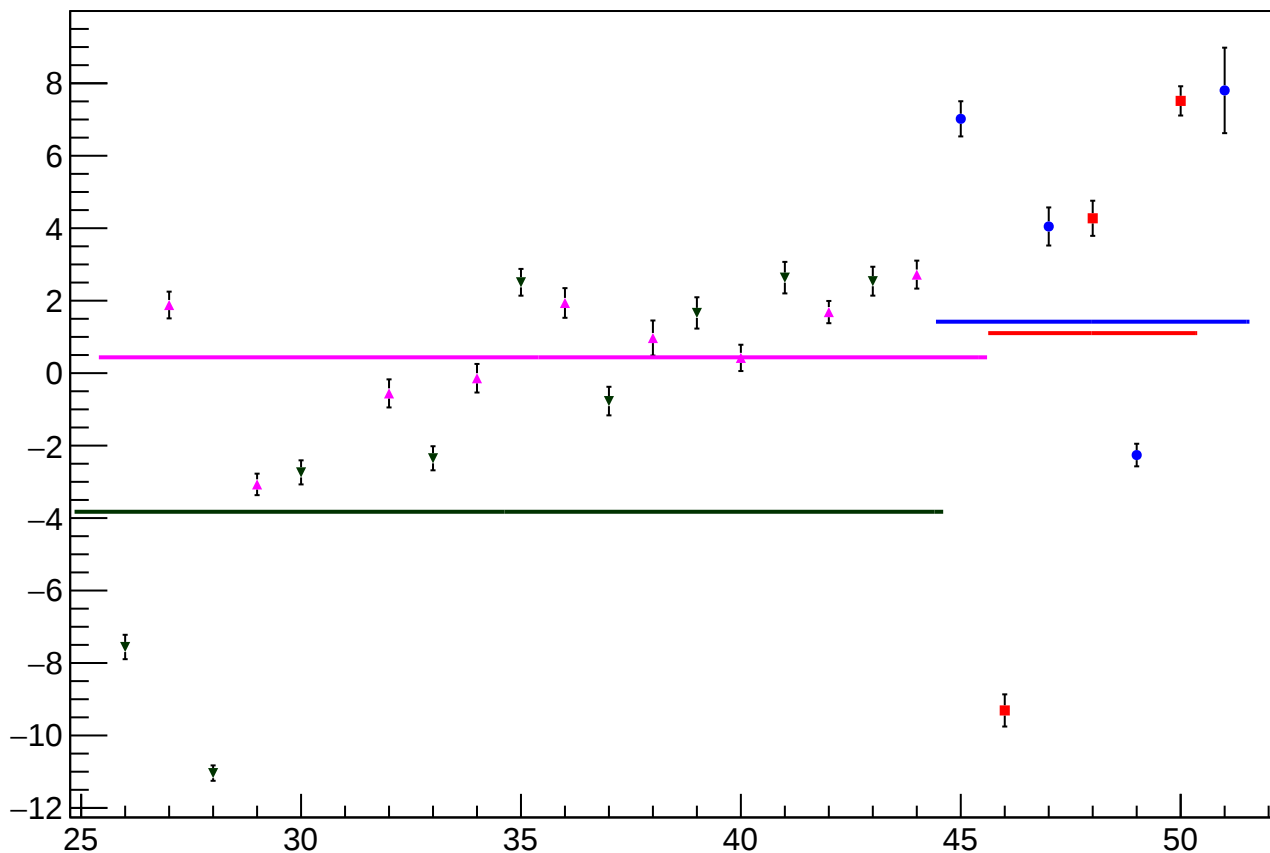
Right Out: -32.629 +/- 1.359 χ^2/NDF : 142.7/2

Left In: -39.933 +/- 0.586 χ^2/NDF : 1674.5/8

-45.773 +/- 0.561 χ^2/NDF : 1952.5/12

-38.788 +/- 0.538 χ^2/NDF : 1841.5/11

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 1.420 $\pm$ 0.230 χ^2 /NDF: 326.7/3

Left Out: -3.826 $\pm$ 0.112 χ^2 /NDF: 2297.6/8

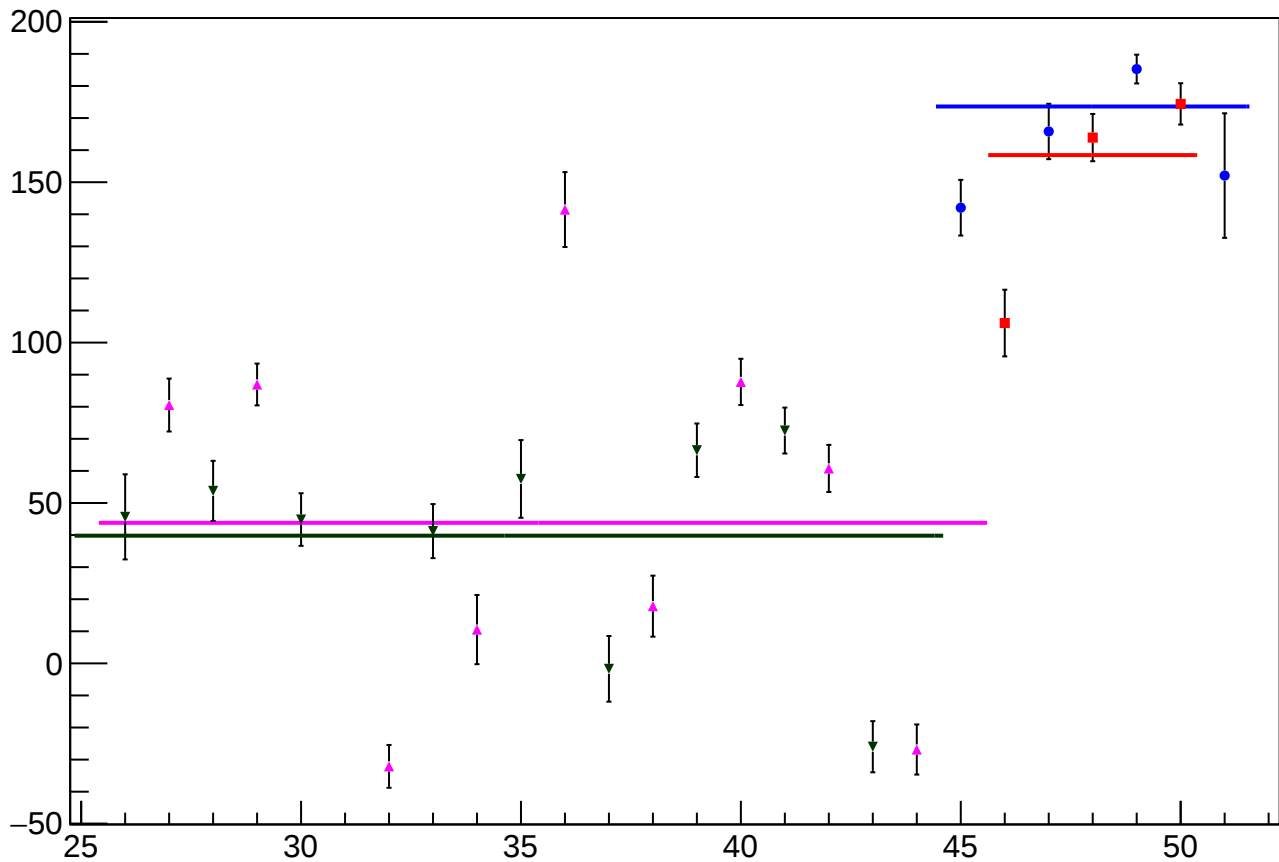
Right Out: 1.104 $\pm$ 0.254 χ^2 /NDF: 844.7/2

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-2.823 $\pm$ 0.101 χ^2 /NDF: 3044.2/12

0.562 $\pm$ 0.110 χ^2 /NDF: 1080.5/11

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 173.603 $\pm$ 3.556 χ^2 /NDF: 22.0/3

Left Out: 39.807 $\pm$ 2.987 χ^2 /NDF:120.7/8

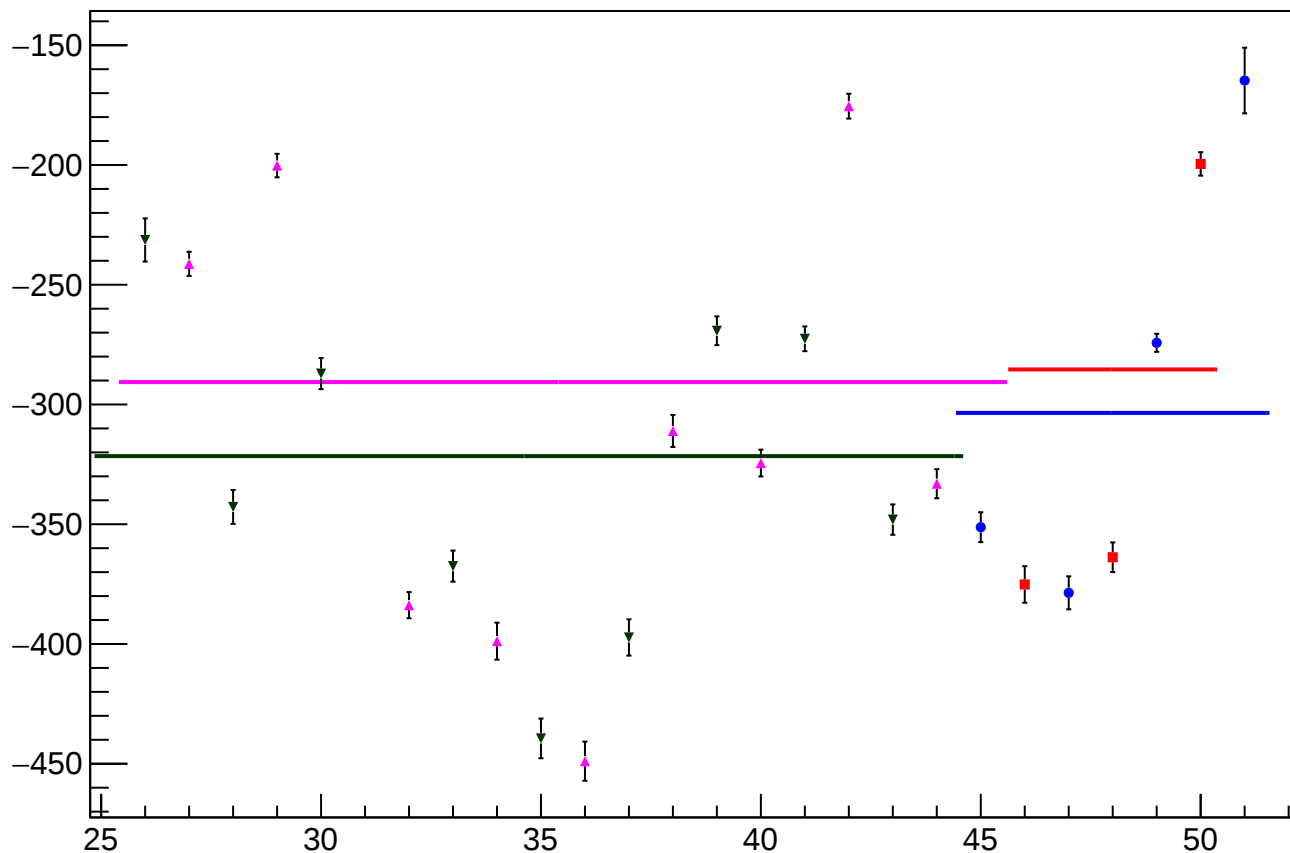
Right Out: 158.451 $\pm$ 4.395 χ^2 /NDF: 32.1/2

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

95.167 $\pm$ 2.287 χ^2 /NDF: 972.8/12

74.475 $\pm$ 2.273 χ^2 /NDF: 934.5/11

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -303.514+/-2.855 χ^2/NDF : 340.1/3

Left Out: -321.559+/-2.226 χ^2/NDF : 672.6/8

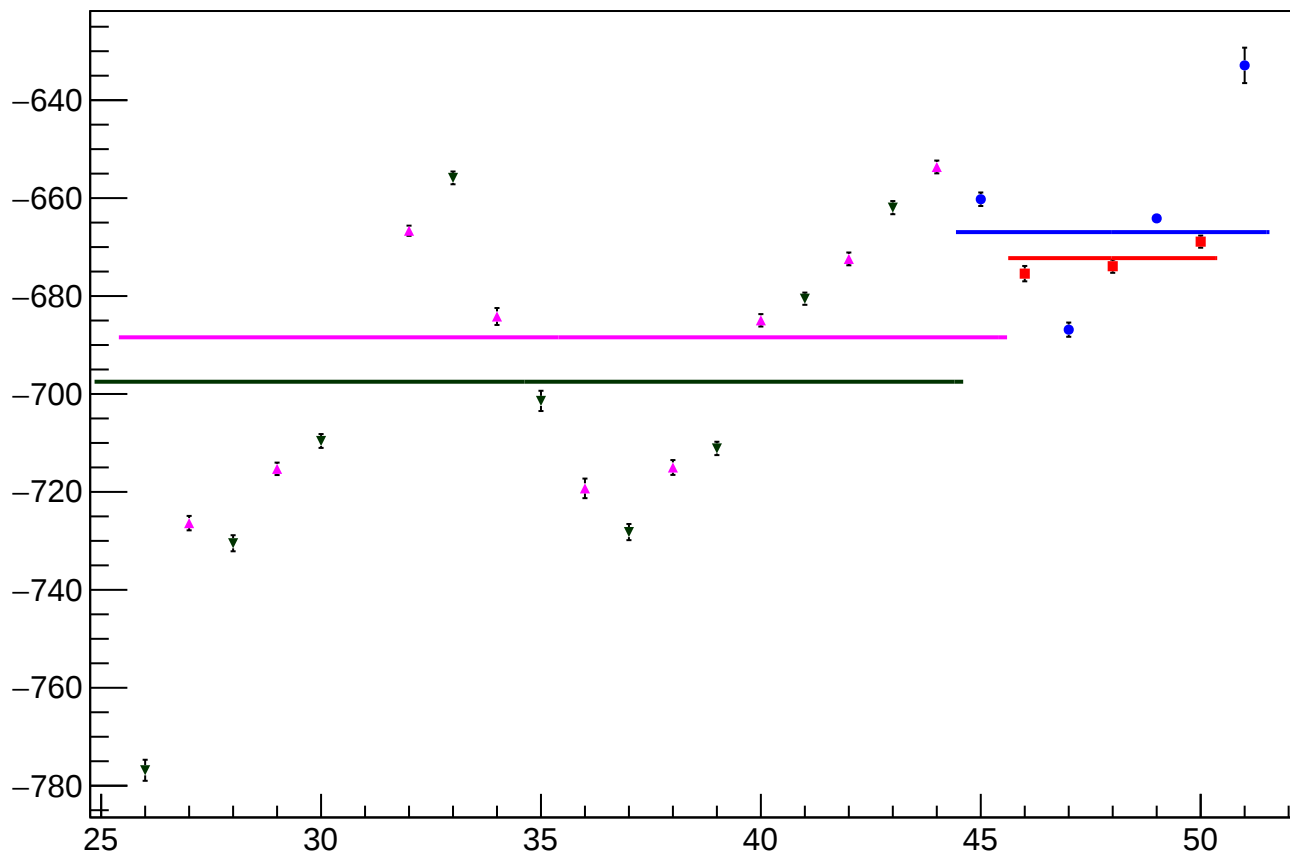
Right Out: -285.365+/-3.427 χ^2/NDF : 607.2/2

Left In: -290.636+/-1.943 χ^2/NDF : 1886.8/8

-314.736+/-1.756 χ^2/NDF : 1037.5/12

-289.353+/-1.690 χ^2/NDF : 2495.8/11

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -666.944+/-0.666 χ^2 /NDF: 309.4/3

Left Out: -697.498+/-0.500 χ^2 /NDF:4190.1/8

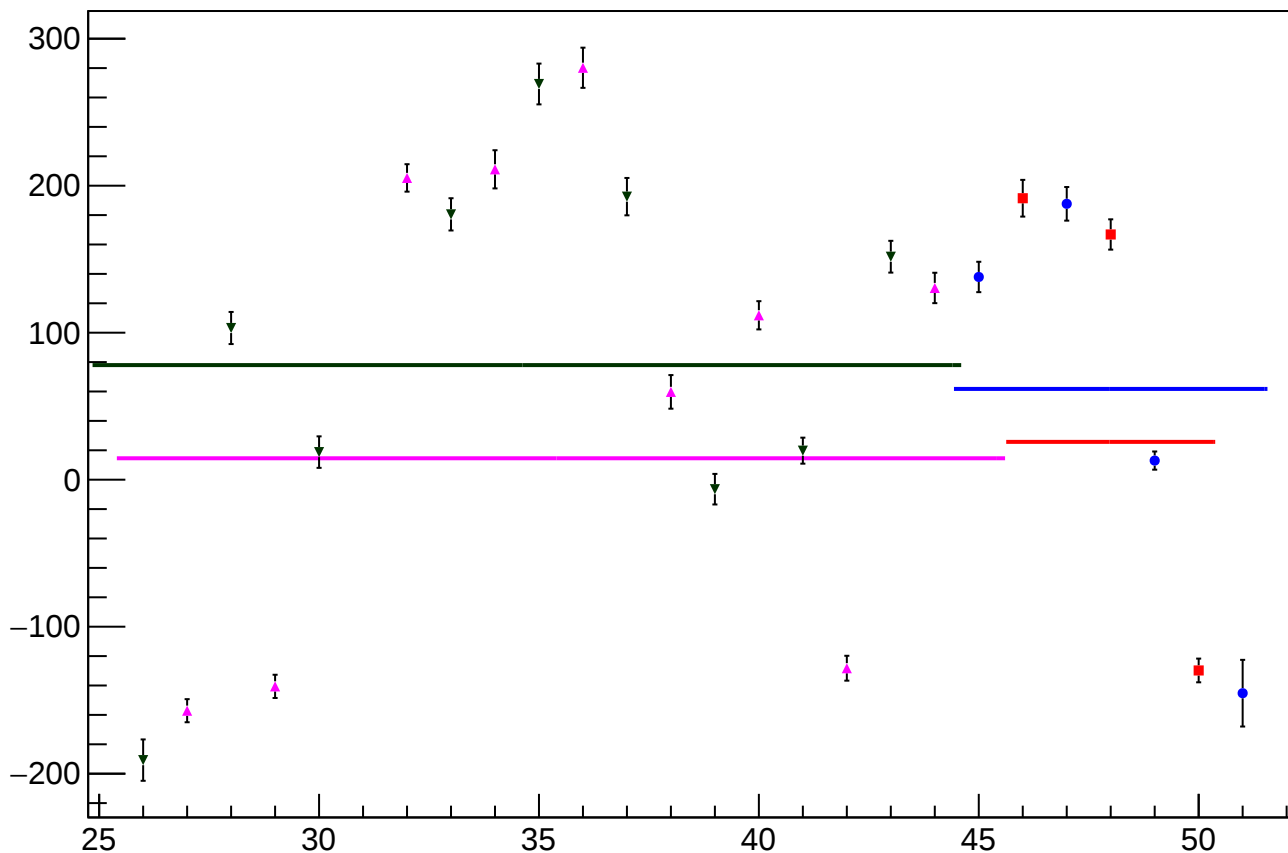
Right Out: -672.256+/-0.788 χ^2 /NDF: 13.0/2

Left In: -688.429+/-0.456 χ^2 /NDF:2965.5/8

-686.500+/-0.400 χ^2 /NDF: 5845.9/12

-684.372+/-0.394 χ^2 /NDF: 3294.4/11

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 61.748 ± 4.709 χ^2/NDF : 321.0/3

Left Out: 77.958 ± 3.716 χ^2/NDF : 915.0/8

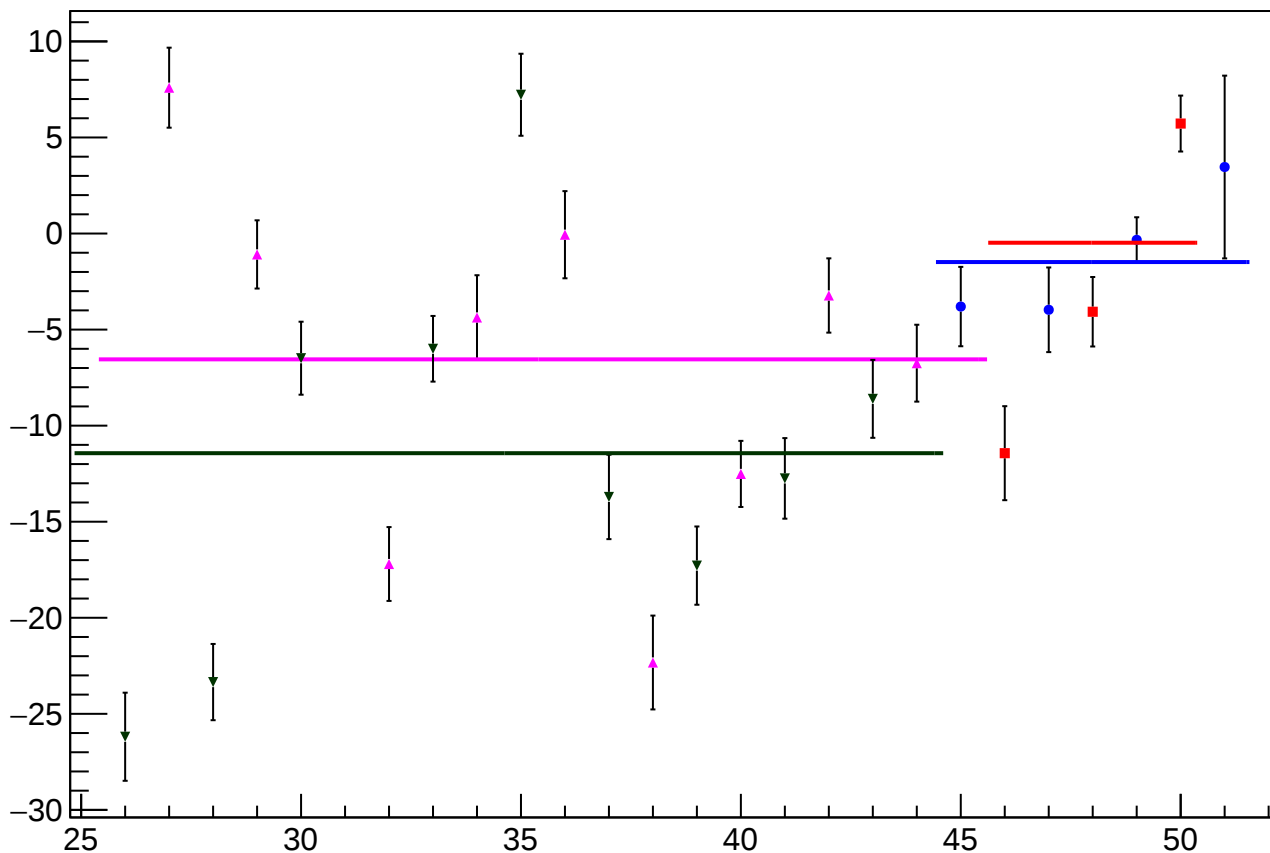
Right Out: 25.727 ± 5.661 χ^2/NDF : 735.3/2

Left In: 14.568 ± 3.215 χ^2/NDF : 2415.4/8

71.738 ± 2.917 χ^2/NDF : 1243.3/12

17.289 ± 2.795 χ^2/NDF : 3153.6/11

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -1.484 ± 0.910 χ^2/NDF : 4.6/3

Left Out: -11.434 ± 0.674 χ^2/NDF : 182.4/8

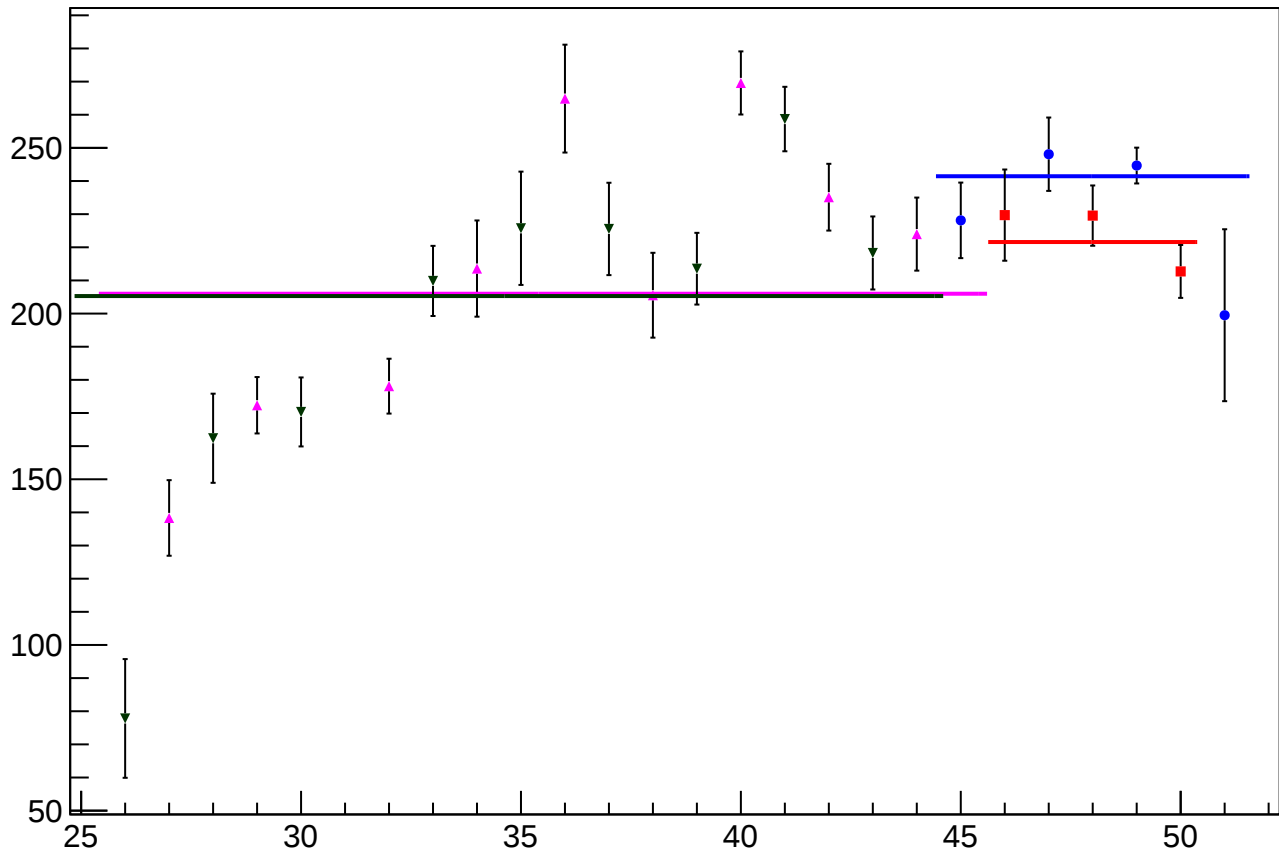
Right Out: -0.479 ± 1.029 χ^2/NDF : 42.2/2

Left In: -6.549 ± 0.668 χ^2/NDF : 152.2/8

-7.908 ± 0.542 χ^2/NDF : 264.2/12

-4.750 ± 0.560 χ^2/NDF : 218.8/11

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 241.442 $\pm$ 4.402 χ^2 /NDF: 4.7/3

Left Out: 205.287 $\pm$ 3.993 χ^2 /NDF:108.0/8

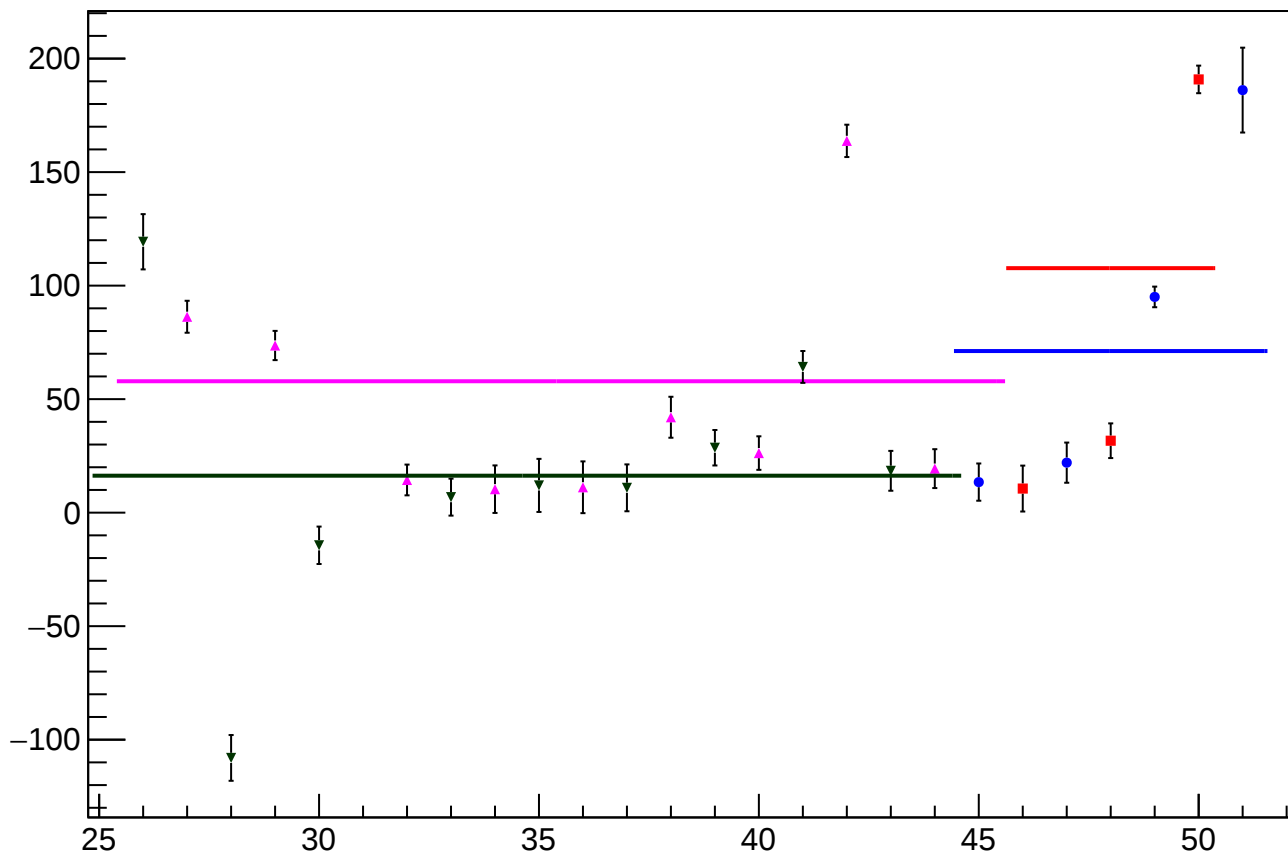
Right Out: 221.591 $\pm$ 5.500 χ^2 /NDF: 2.4/2

Left In: 205.988 $\pm$ 3.539 χ^2 /NDF:131.2/8

221.607 $\pm$ 2.957 χ^2 /NDF: 149.7/12

210.556 $\pm$ 2.976 χ^2 /NDF: 139.2/11

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 71.184 $\pm$ 3.557 χ^2/NDF : 145.8/3

Left Out: 16.279 $\pm$ 2.978 χ^2/NDF : 288.5/8

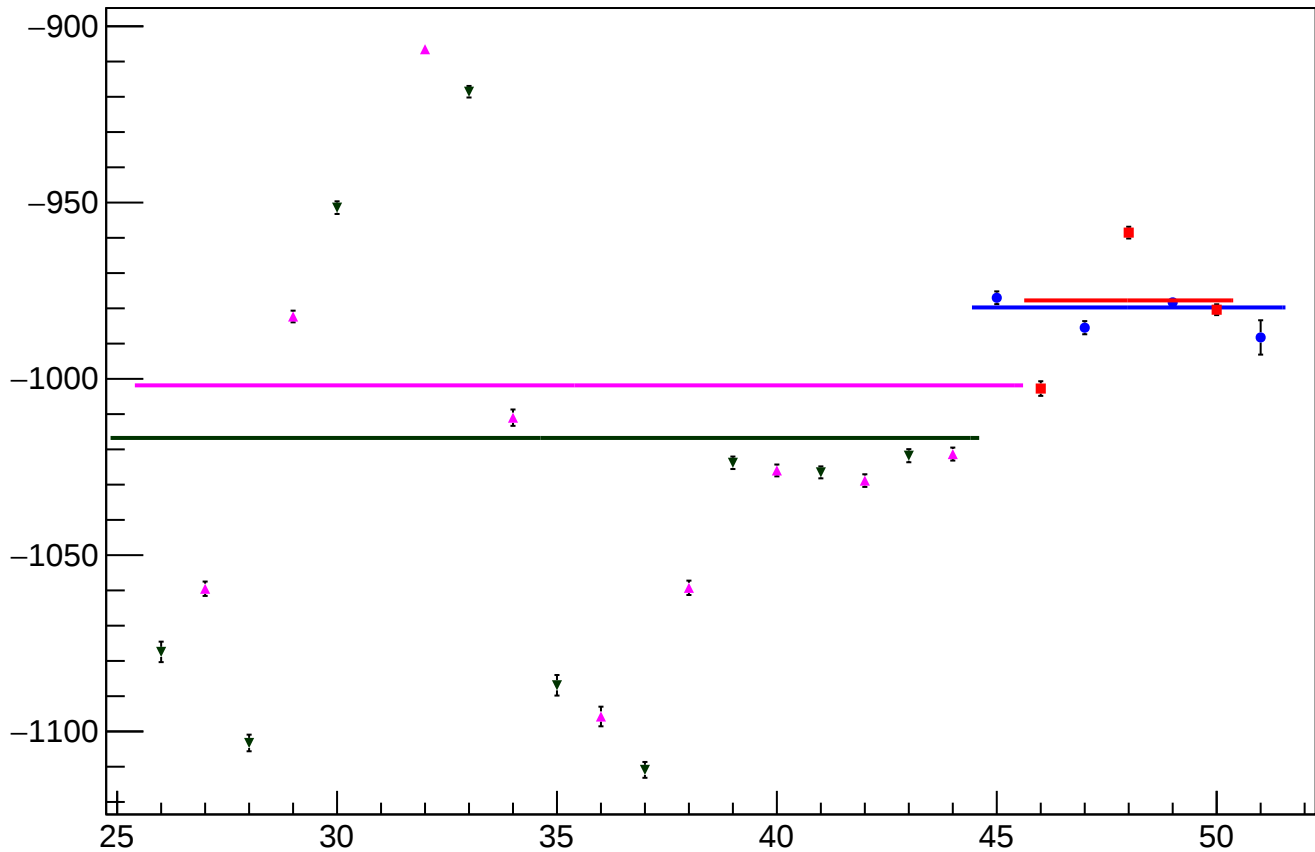
Right Out: 107.697 $\pm$ 4.303 χ^2/NDF : 378.5/2

Left In: 57.880 $\pm$ 2.609 χ^2/NDF : 363.5/8

38.899 $\pm$ 2.283 χ^2/NDF : 574.4/12

71.274 $\pm$ 2.231 χ^2/NDF : 840.0/11

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -979.744 ± 0.833 $\chi^2/\text{NDF}: 16.5/3$

Left Out: -1016.757 ± 0.666 $\chi^2/\text{NDF}: 9085.0/8$

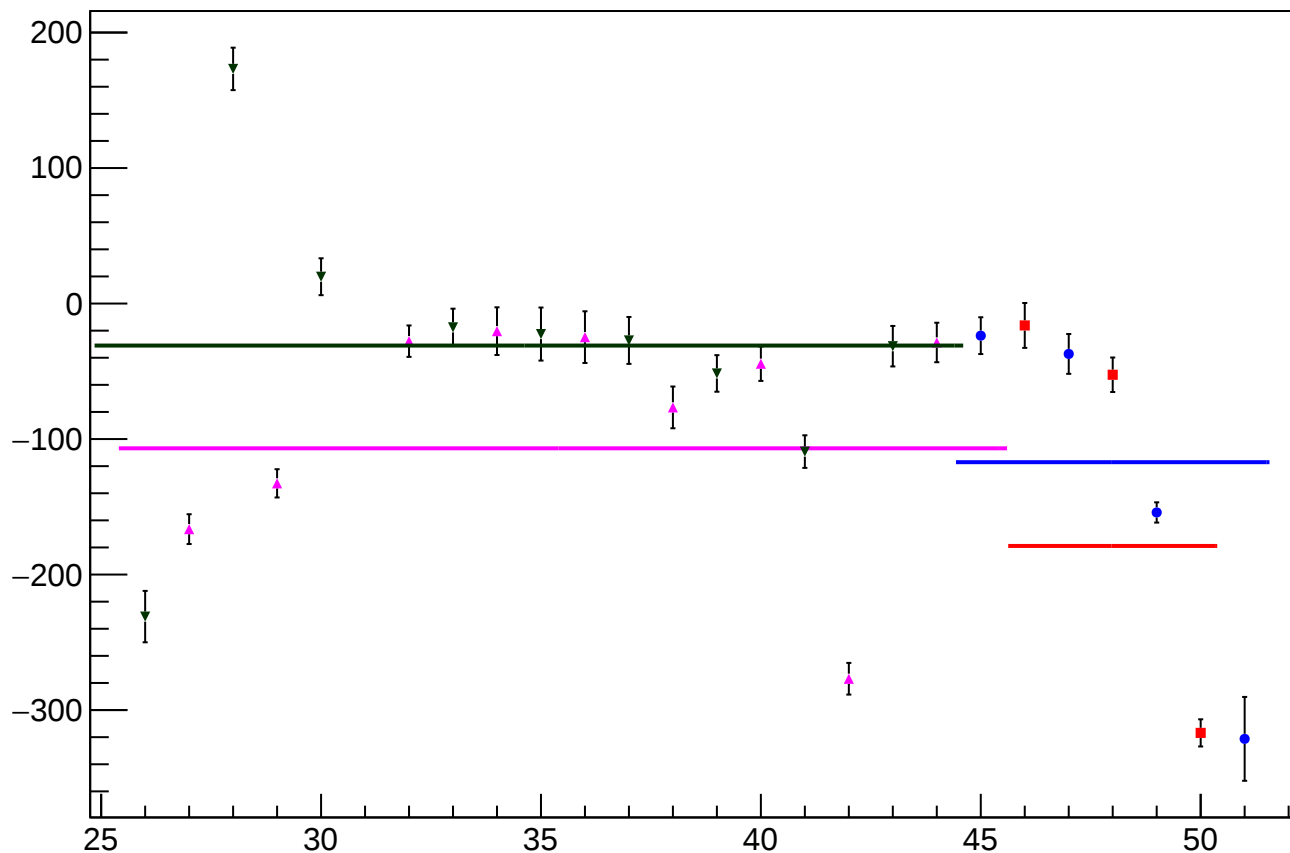
Right Out: -977.750 ± 0.991 $\chi^2/\text{NDF}: 281.4/2$

Left In: -1001.844 ± 0.607 $\chi^2/\text{NDF}: 8875.1/8$

-1002.309 ± 0.520 $\chi^2/\text{NDF}: 10306.2/12$

-995.275 ± 0.517 $\chi^2/\text{NDF}: 9586.7/11$

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -117.069 ± 5.873 $\chi^2/\text{NDF}: 145.0/3$

Left Out: -31.002 ± 4.978 $\chi^2/\text{NDF}: 340.9/8$

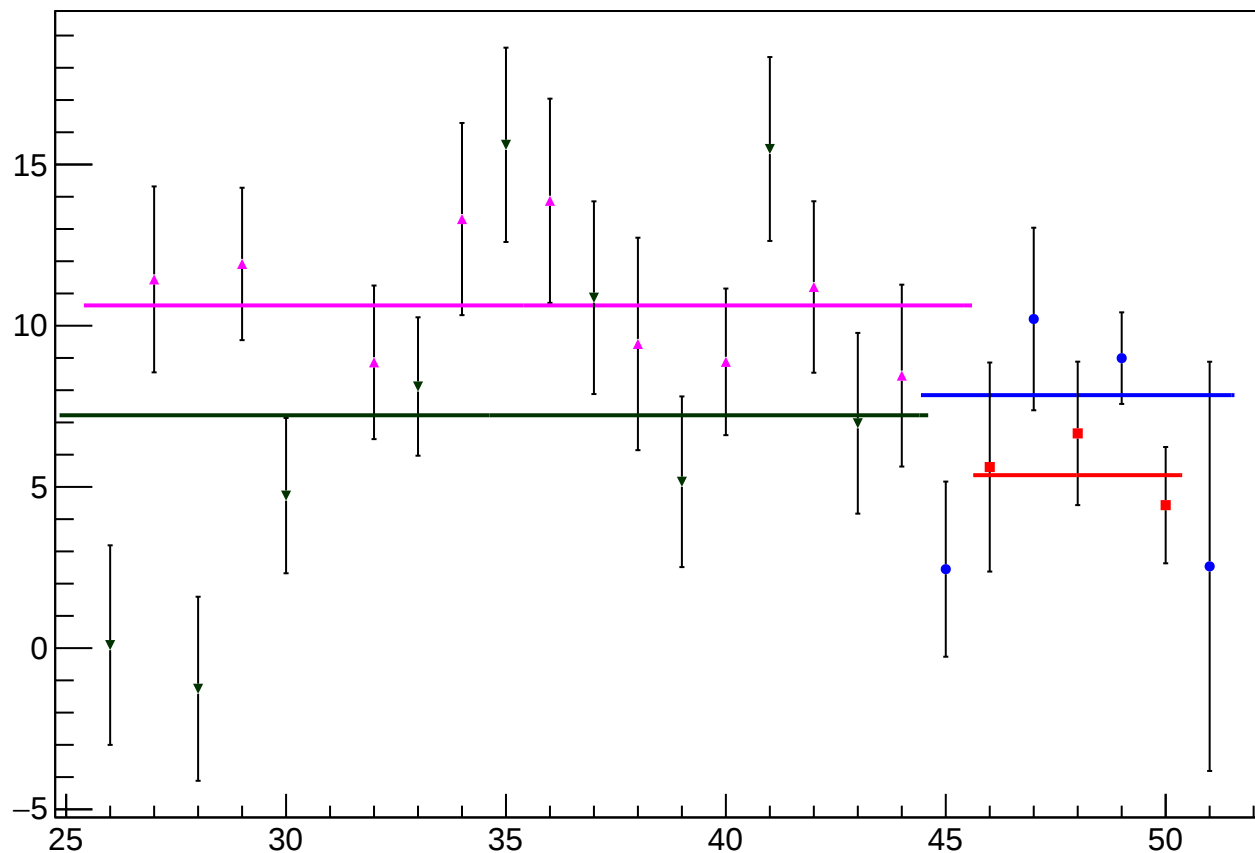
Right Out: -178.886 ± 7.112 $\chi^2/\text{NDF}: 384.4/2$

Left In: -106.838 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

-66.986 ± 3.797 $\chi^2/\text{NDF}: 611.0/12$

-126.319 ± 3.698 $\chi^2/\text{NDF}: 852.5/11$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 7.847 ± 1.132 χ^2/NDF : 6.0/3

Left Out: 7.222 ± 0.901 χ^2/NDF : 33.6/8

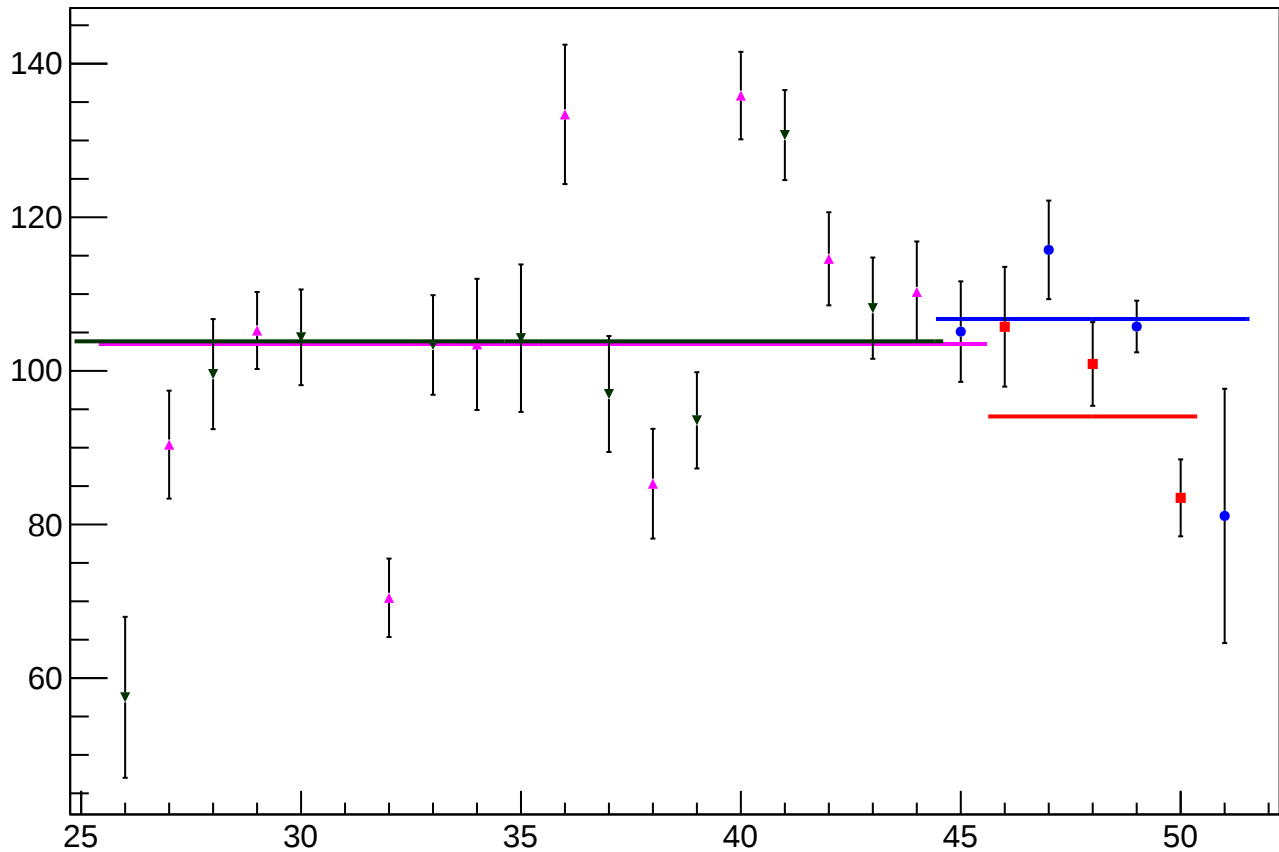
Right Out: 5.365 ± 1.286 χ^2/NDF : 0.6/2

Left In: 10.629 ± 0.898 χ^2/NDF : 4.1/8

7.465 ± 0.705 χ^2/NDF : 39.8/12

8.905 ± 0.736 χ^2/NDF : 16.0/11

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 106.756 $\pm$ 2.674 χ^2/NDF : 4.5/3

Left Out: 103.848 $\pm$ 2.331 χ^2/NDF : 44.9/8

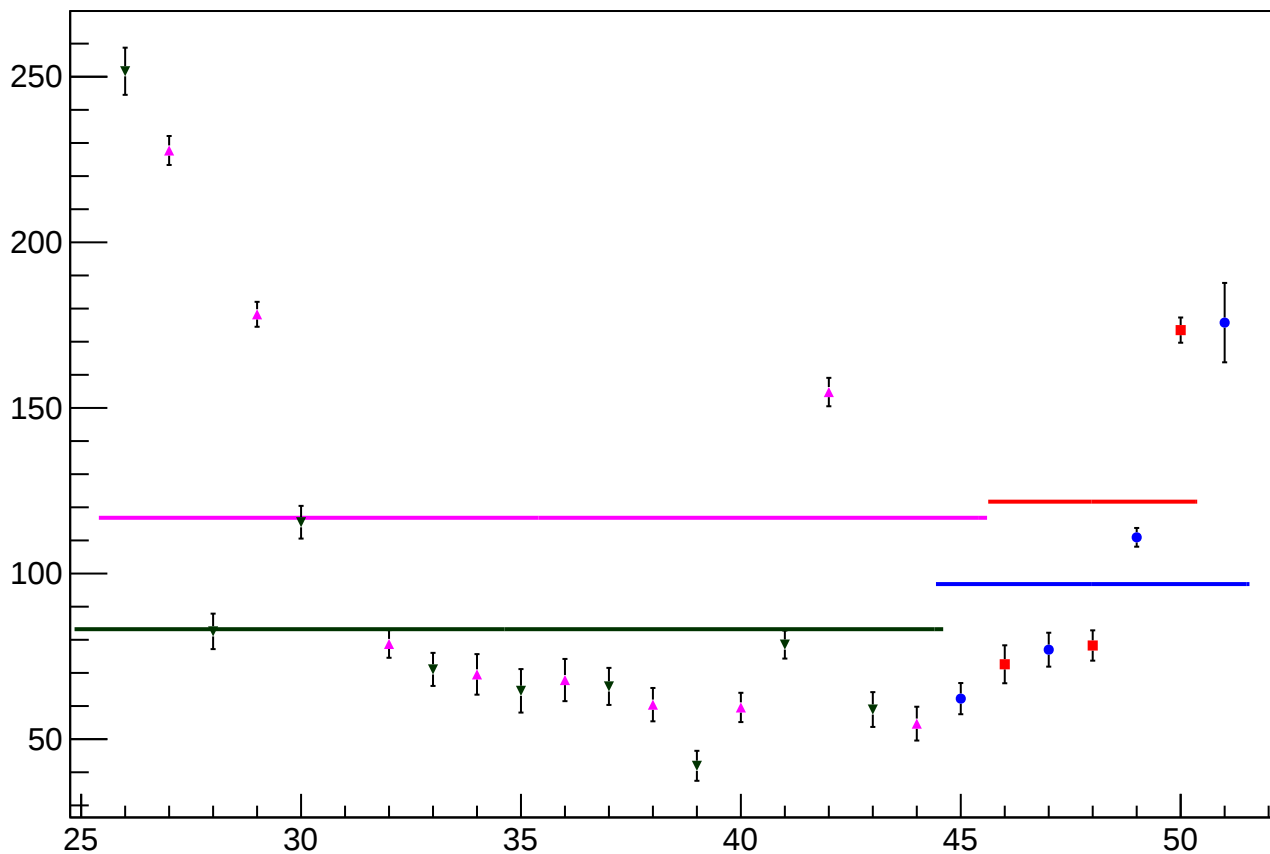
Right Out: 94.067 $\pm$ 3.334 χ^2/NDF : 8.3/2

Left In: 103.503 $\pm$ 2.108 χ^2/NDF : 99.4/8

105.104 $\pm$ 1.757 χ^2/NDF : 50.1/12

100.807 $\pm$ 1.782 χ^2/NDF : 113.5/11

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 96.821 $\pm$ 2.155 χ^2 /NDF: 137.2/3

Left Out: 83.201 $\pm$ 1.736 χ^2 /NDF: 731.5/8

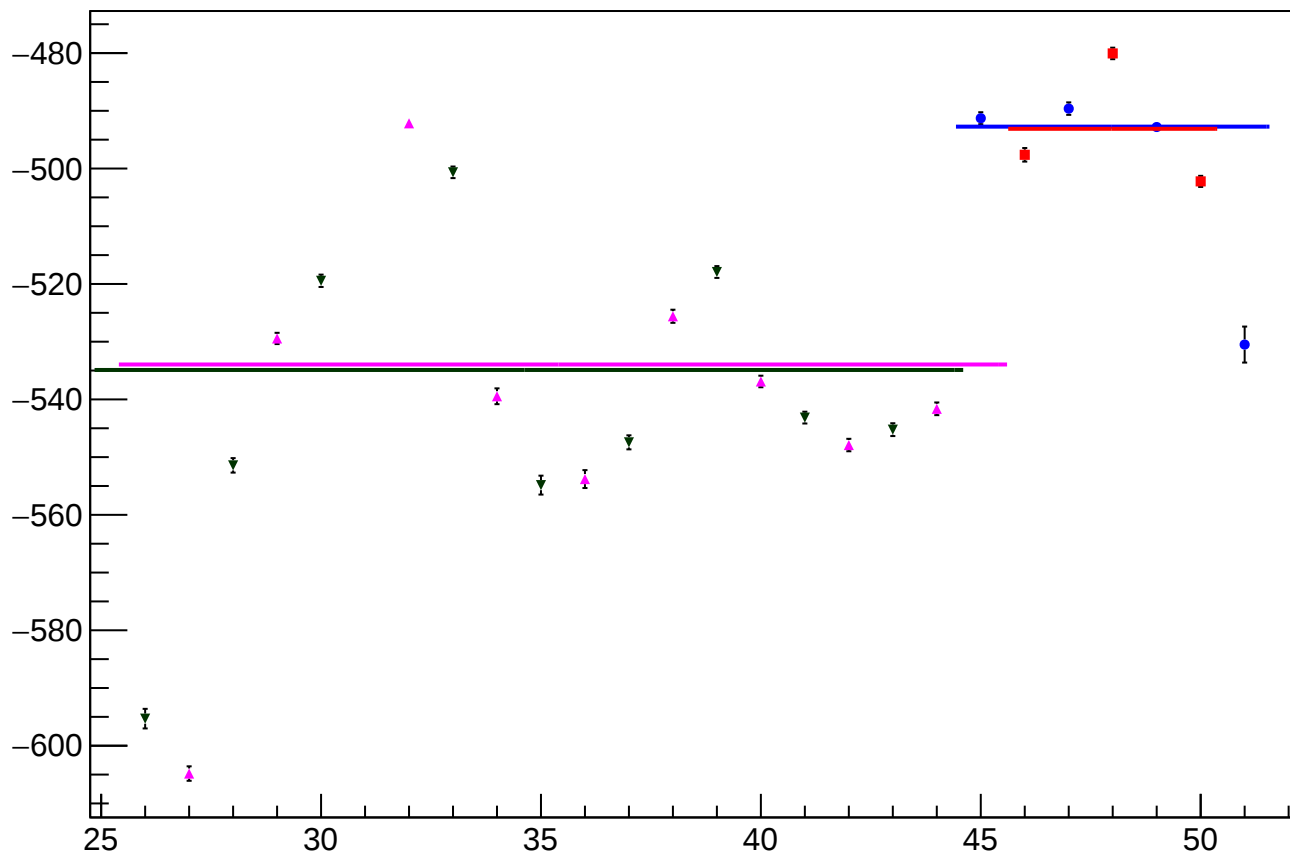
Right Out: 121.705 $\pm$ 2.607 χ^2 /NDF: 348.4/2

Left In: 116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

88.560 $\pm$ 1.352 χ^2 /NDF: 893.0/12

118.112 $\pm$ 1.334 χ^2 /NDF: 1981.8/11

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -492.742+/-0.501 χ^2/NDF : 156.9/3

Left Out: -534.901+/-0.389 χ^2/NDF : 3490.3/8

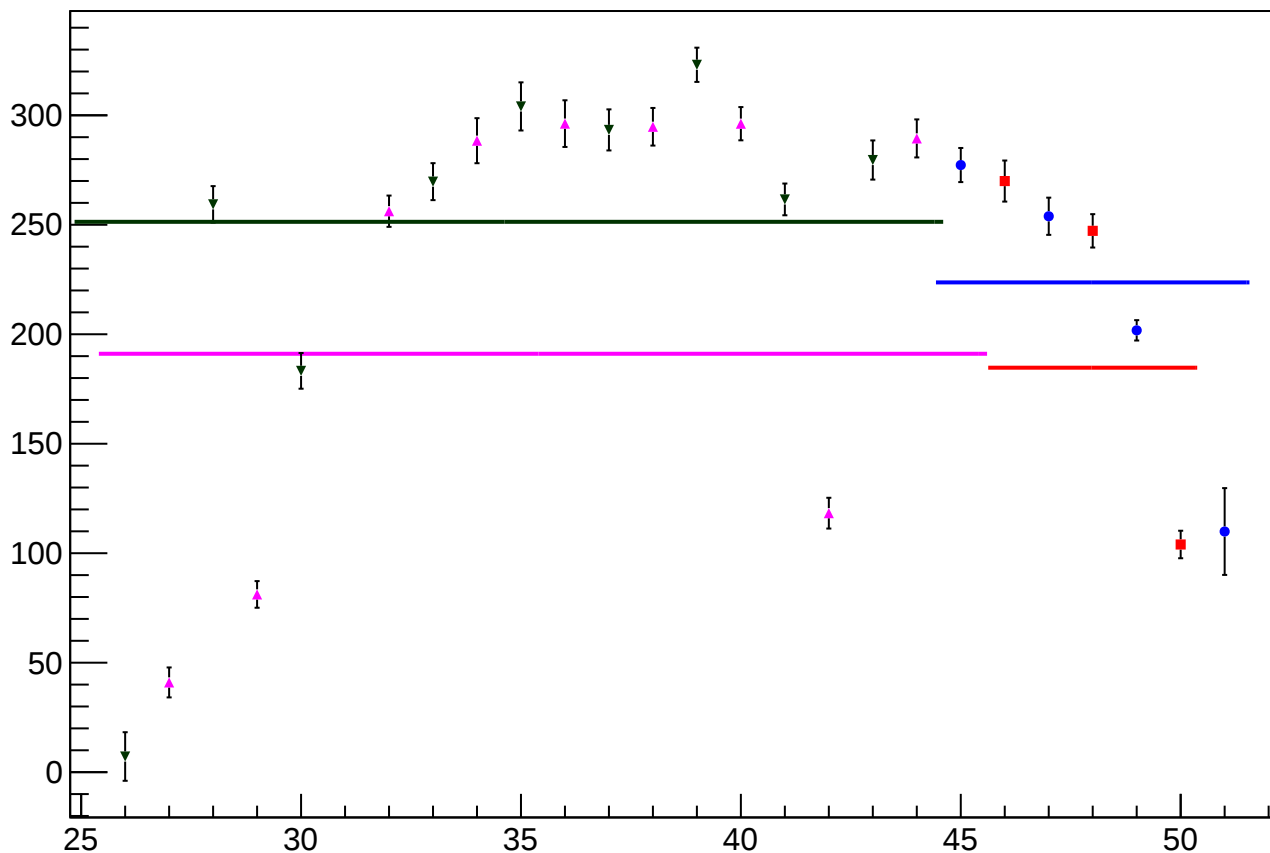
Right Out: -493.117+/-0.597 χ^2/NDF : 275.8/2

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-519.059+/-0.307 χ^2/NDF : 8061.1/12

-523.005+/-0.309 χ^2/NDF : 10147.6/11

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 223.679 $\pm$ 3.556 χ^2 /NDF: 115.1/3

Left Out: 251.350 $\pm$ 2.897 χ^2 /NDF: 698.7/8

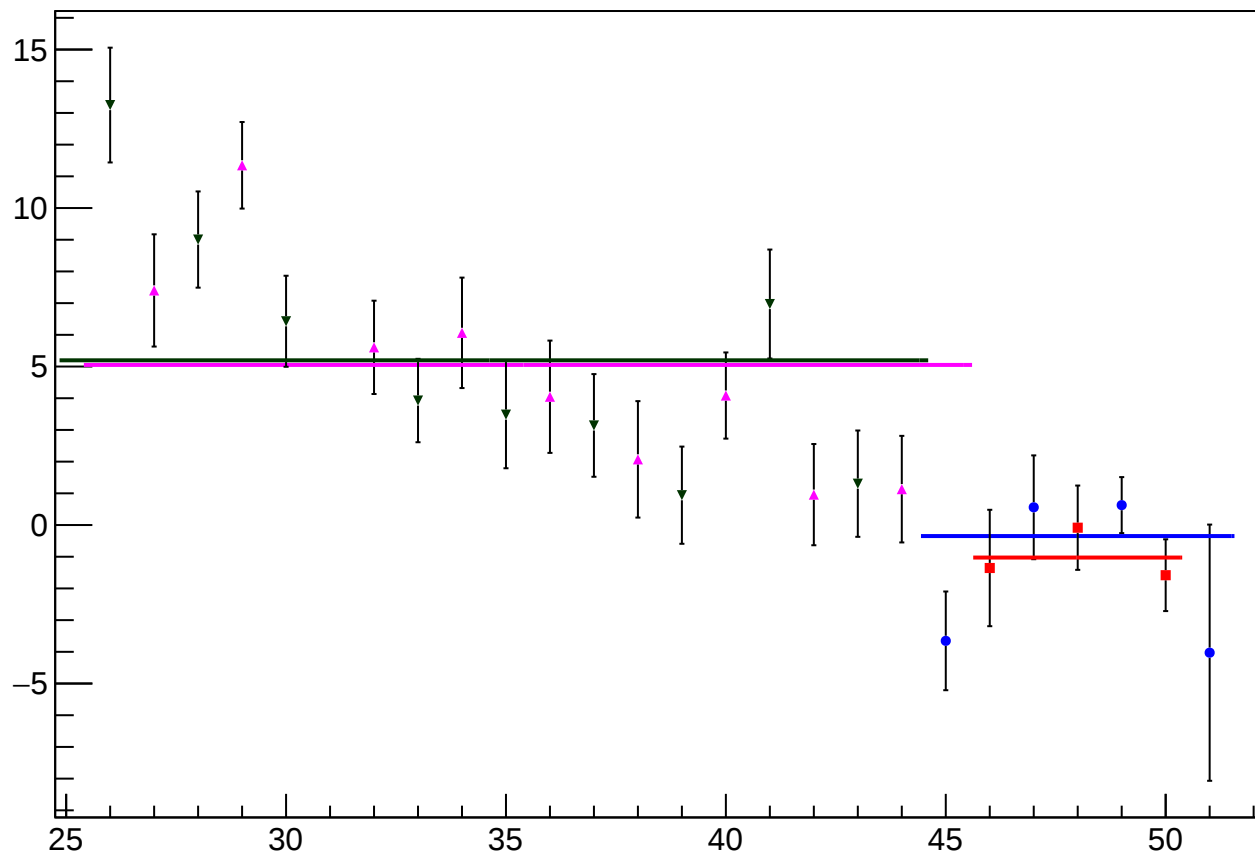
Right Out: 184.728 $\pm$ 4.307 χ^2 /NDF: 314.9/2

Left In: 191.089 $\pm$ 2.577 χ^2 /NDF: 1650.2/8

240.311 $\pm$ 2.246 χ^2 /NDF: 850.2/12

189.412 $\pm$ 2.211 χ^2 /NDF: 1966.7/11

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -0.348 ± 0.686 $\chi^2/\text{NDF}: 6.9/3$

Left Out: 5.196 ± 0.523 $\chi^2/\text{NDF}: 44.5/8$

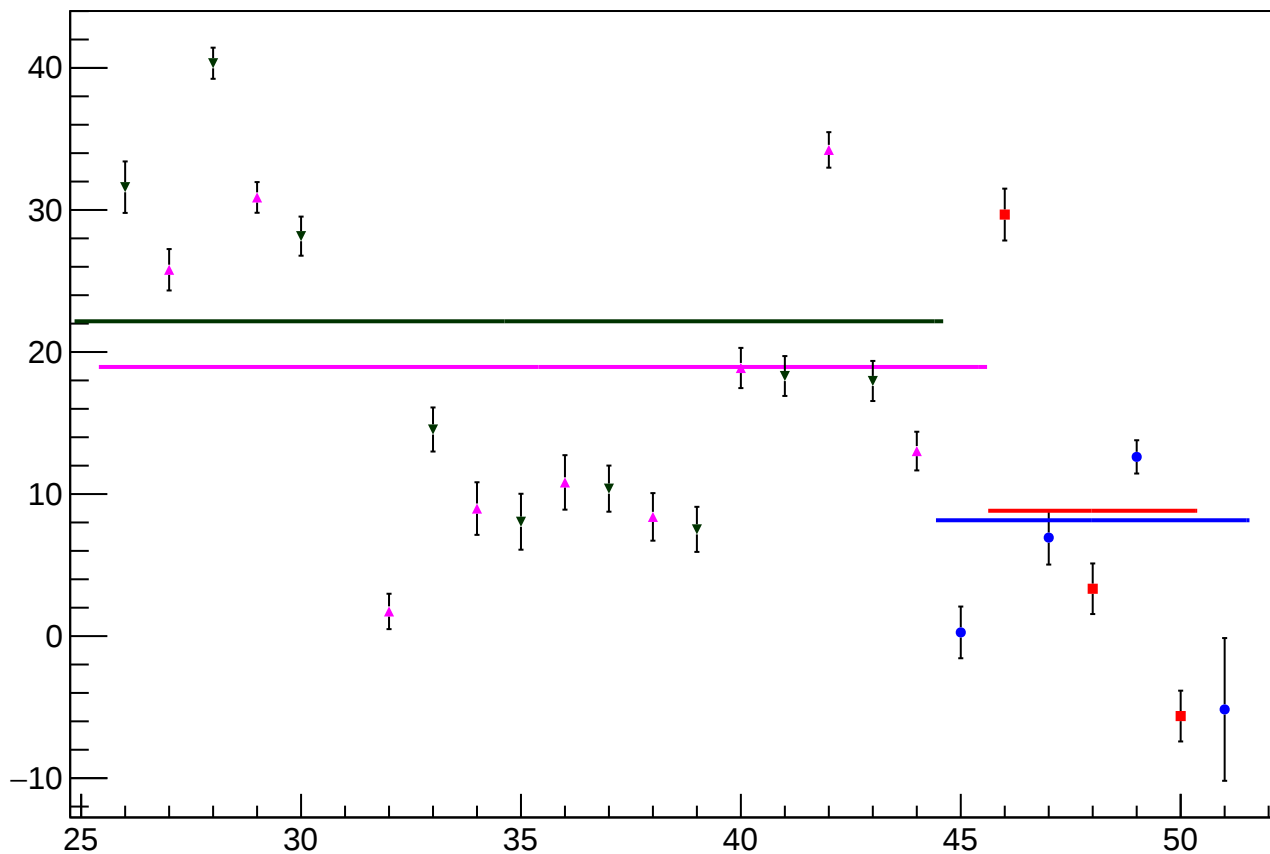
Right Out: -1.026 ± 0.780 $\chi^2/\text{NDF}: 0.8/2$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

3.155 ± 0.416 $\chi^2/\text{NDF}: 92.7/12$

3.128 ± 0.439 $\chi^2/\text{NDF}: 81.2/11$

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 8.155+/-0.861 χ^2/NDF : 40.8/3

Left Out: 22.164+/-0.492 χ^2/NDF : 550.6/8

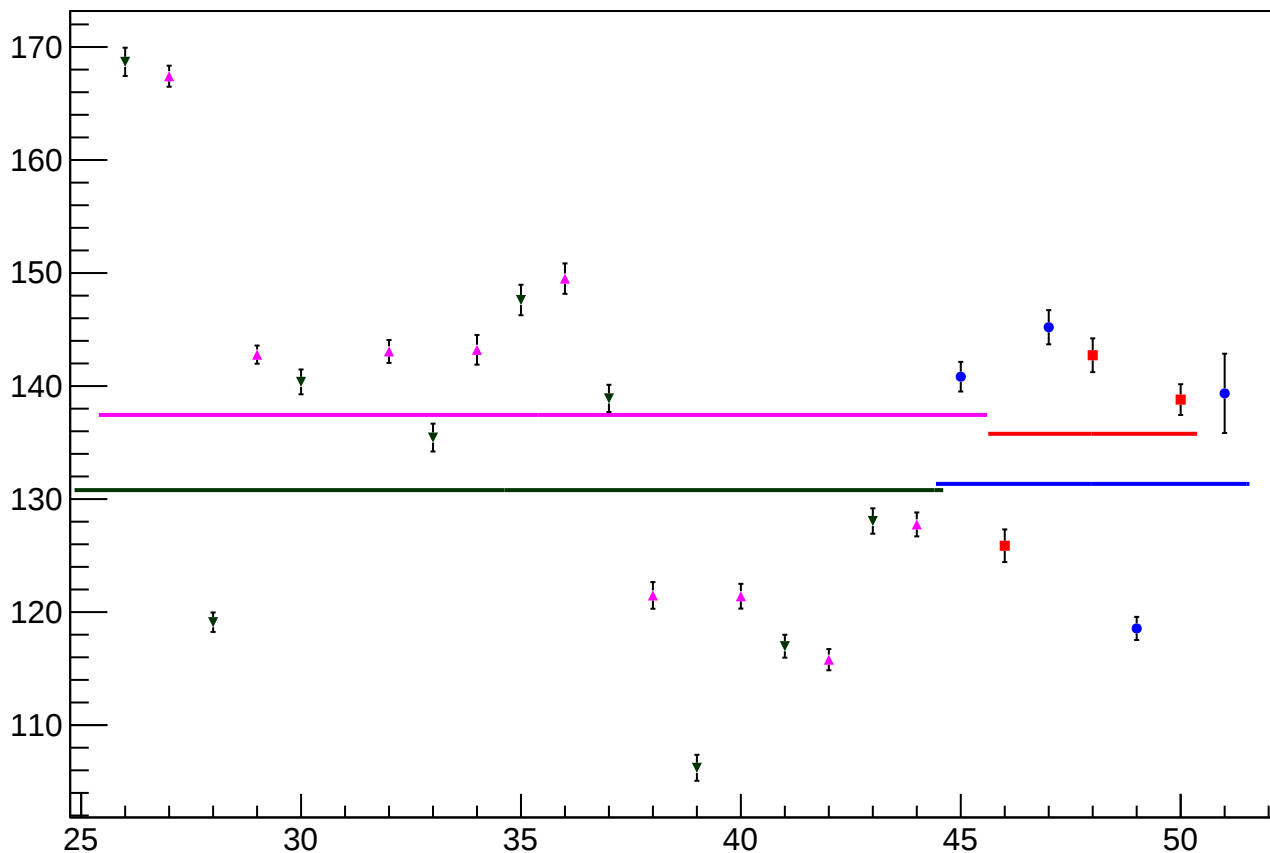
Right Out: 8.825+/-1.038 χ^2/NDF : 205.3/2

Left In: 18.948+/-0.468 χ^2/NDF : 590.1/8

18.713+/-0.427 χ^2/NDF : 790.7/12

17.239+/-0.426 χ^2/NDF : 874.4/11

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 131.344+/-0.697 χ^2/NDF : 298.1/3

Left Out: 130.793+/-0.372 χ^2/NDF :2039.0/8

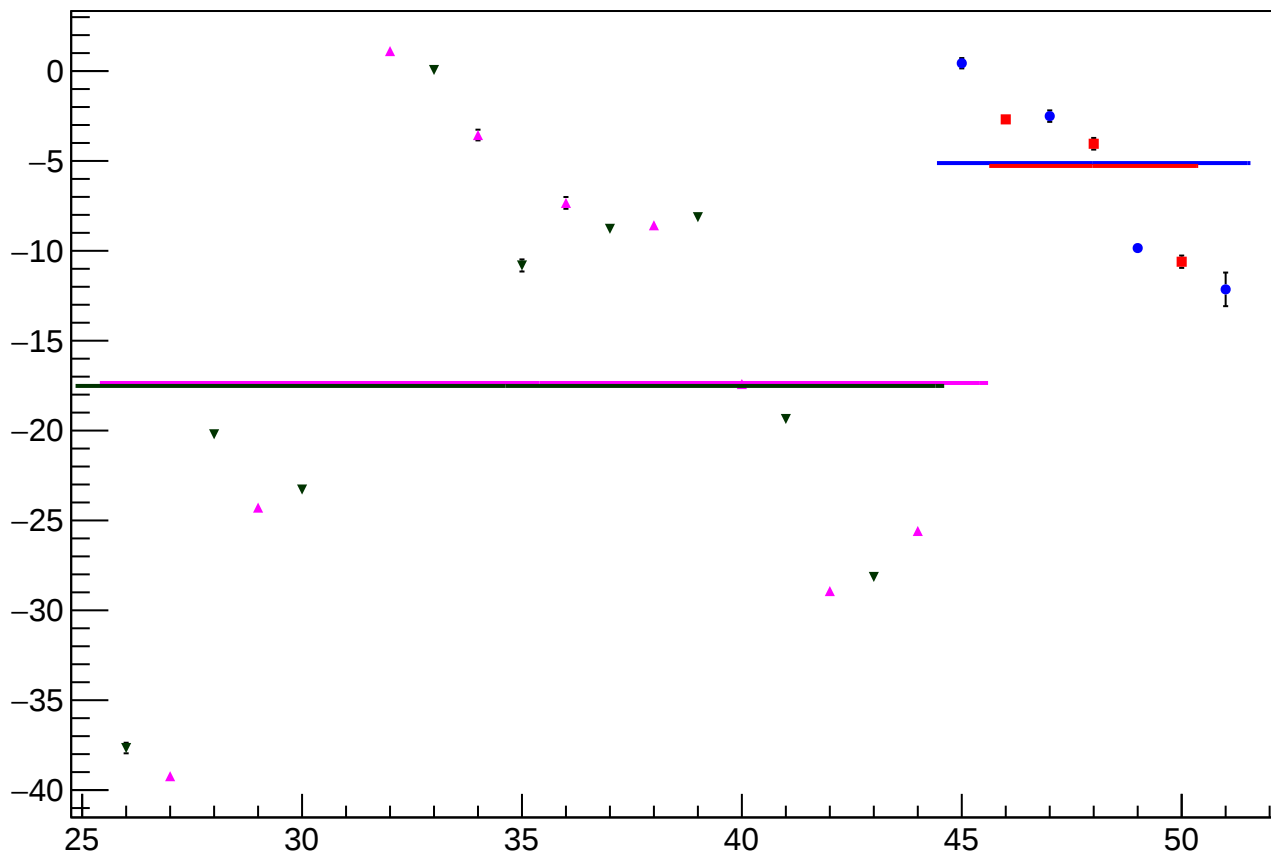
Right Out: 135.777+/-0.825 χ^2/NDF : 73.6/2

Left In: 137.444+/-0.345 χ^2/NDF :2221.9/8

130.915+/-0.328 χ^2/NDF : 2337.5/12

137.196+/-0.319 χ^2/NDF : 2299.0/11

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -5.118 ± 0.156 χ^2/NDF : 894.5/3

Left Out: -17.516 ± 0.083 χ^2/NDF : 15652.4/8

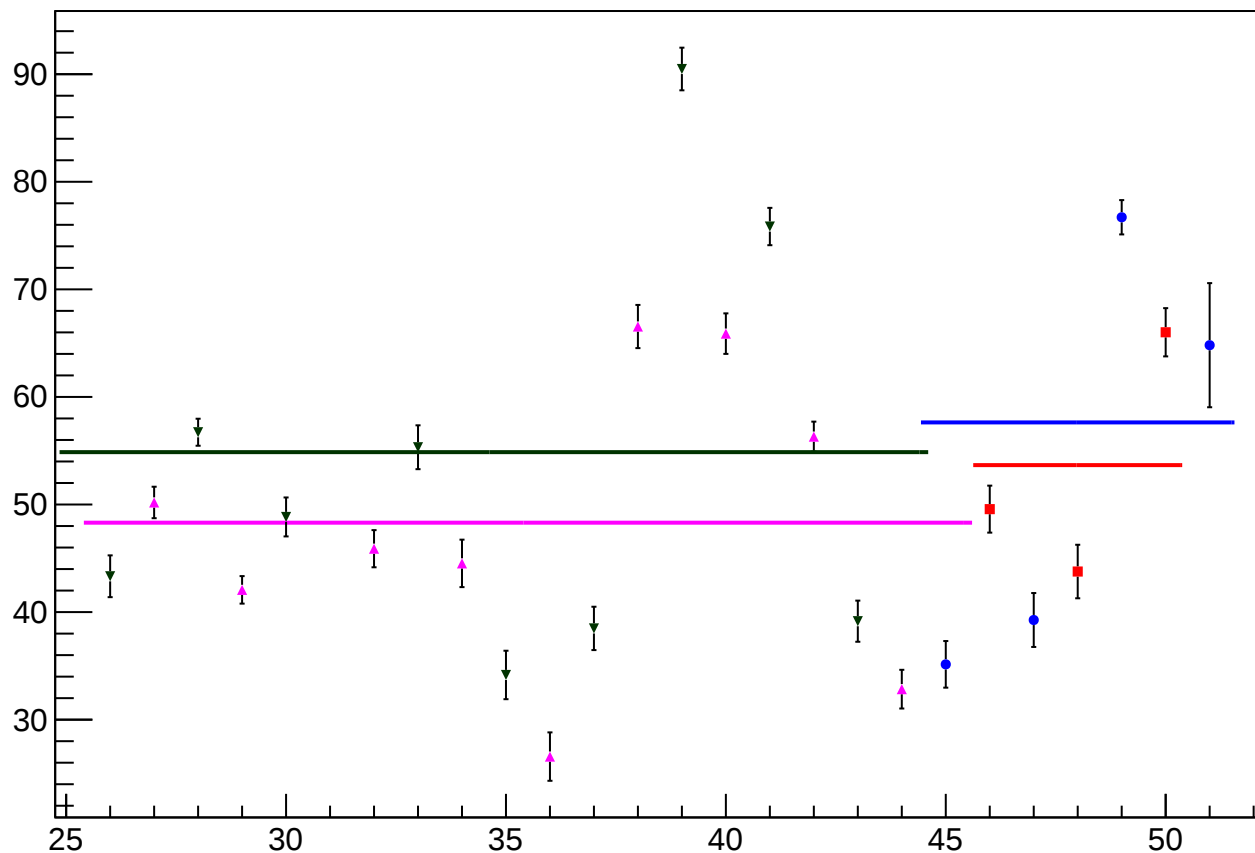
Right Out: -5.278 ± 0.180 χ^2/NDF : 343.5/2

Left In: -17.353 ± 0.080 χ^2/NDF : 25925.9/8

-14.798 ± 0.073 χ^2/NDF : 21453.5/12

-15.343 ± 0.073 χ^2/NDF : 30039.3/11

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 57.631+/-1.121 χ^2 /NDF: 305.9/3

Left Out: 54.868+/-0.603 χ^2 /NDF: 735.8/8

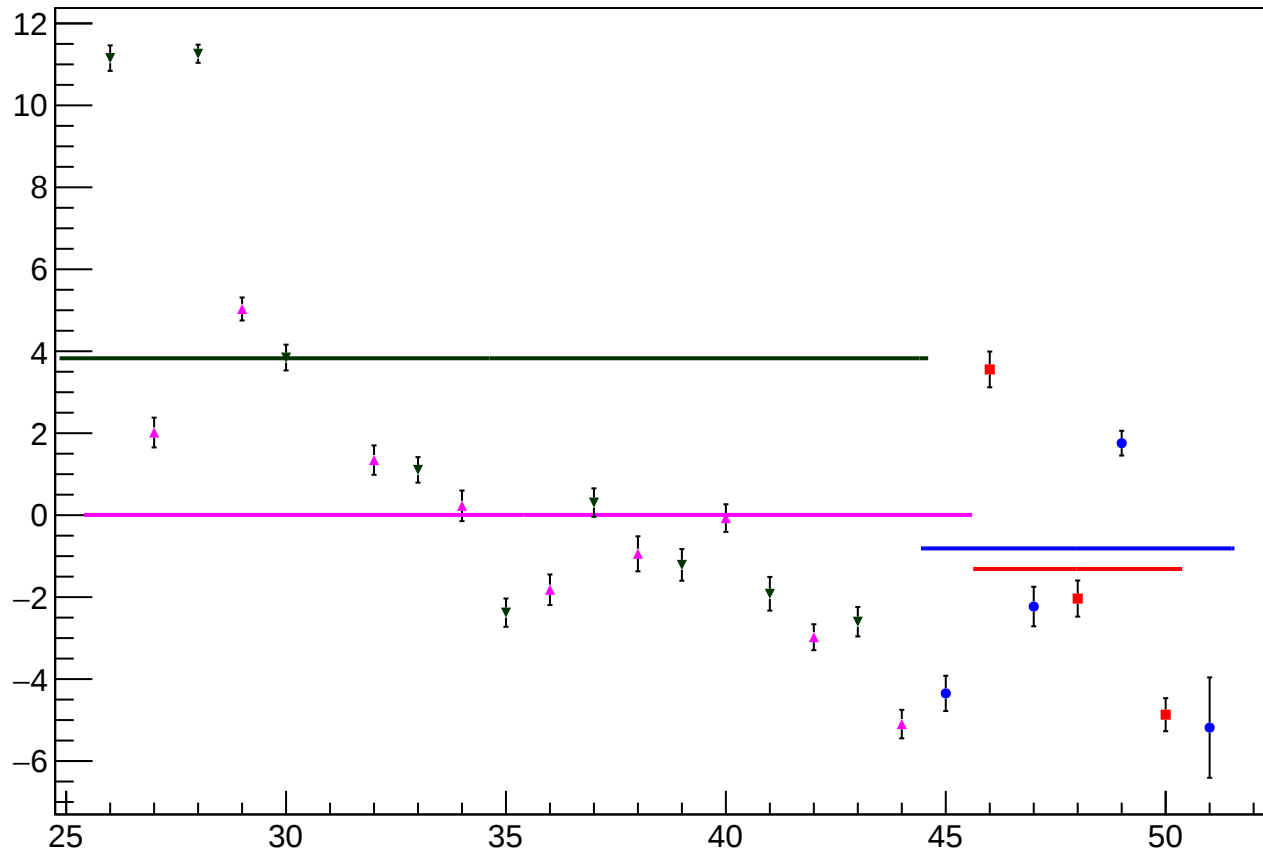
Right Out: 53.662+/-1.324 χ^2 /NDF: 49.7/2

Left In: 48.311+/-0.562 χ^2 /NDF: 400.4/8

55.488+/-0.531 χ^2 /NDF: 1046.4/12

49.127+/-0.517 χ^2 /NDF: 463.8/11

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -0.812 ± 0.217 $\chi^2/\text{NDF}: 161.1/3$

Left Out: 3.828 ± 0.107 $\chi^2/\text{NDF}: 2866.4/8$

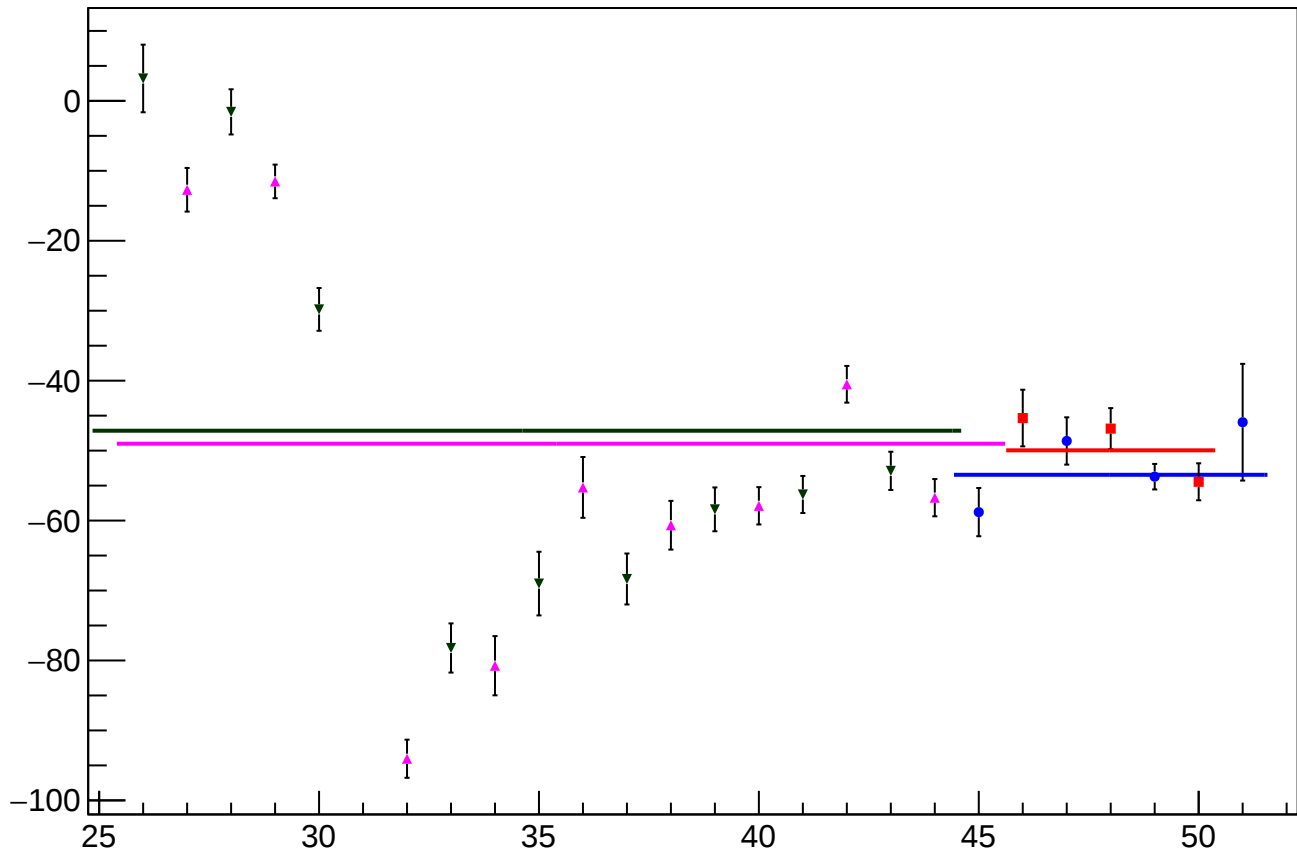
Right Out: -1.313 ± 0.246 $\chi^2/\text{NDF}: 205.0/2$

Left In: 0.006 ± 0.116 $\chi^2/\text{NDF}: 698.4/8$

2.925 ± 0.096 $\chi^2/\text{NDF}: 3396.7/12$

-0.233 ± 0.105 $\chi^2/\text{NDF}: 927.1/11$

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -53.453 ± 1.434 $\chi^2/\text{NDF}: 5.3/3$

Left Out: -47.154 ± 1.099 $\chi^2/\text{NDF}: 504.0/8$

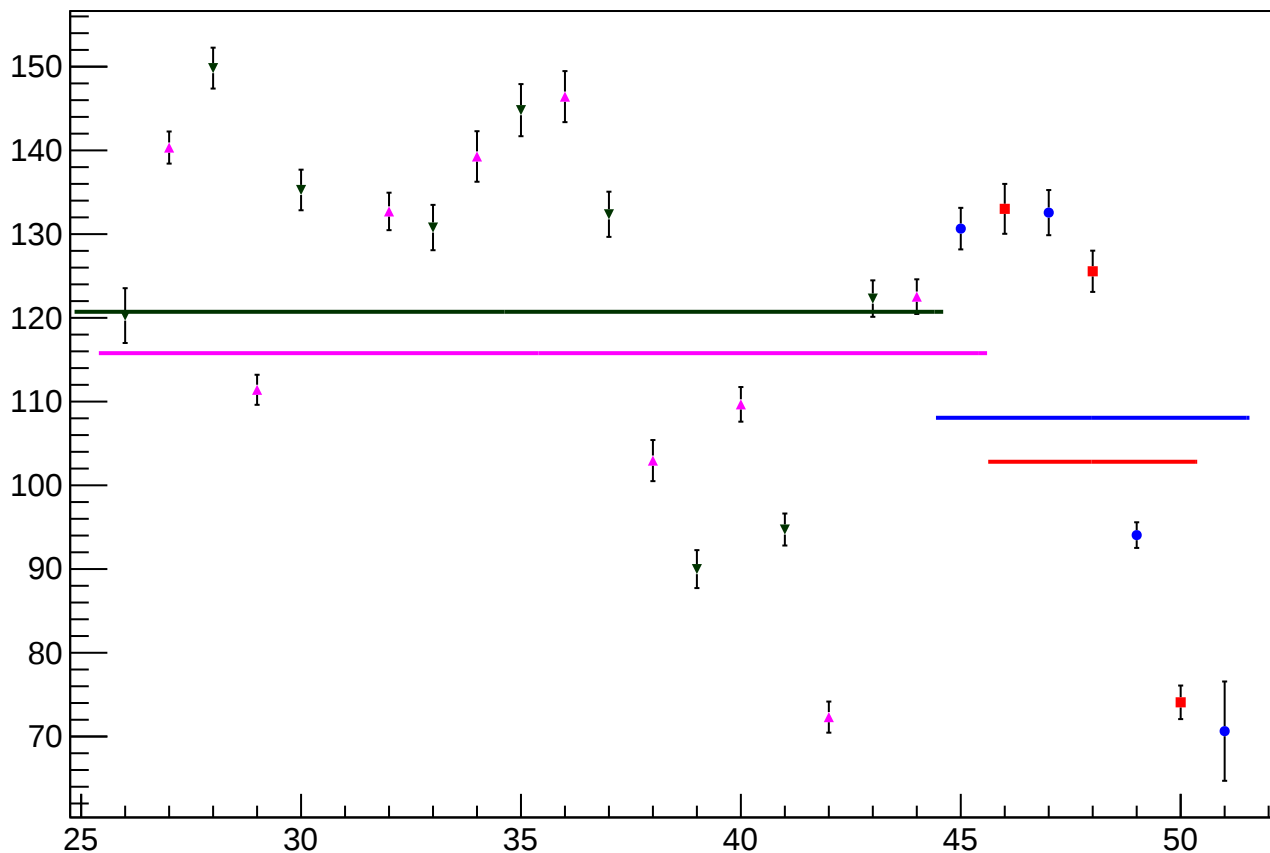
Right Out: -49.958 ± 1.767 $\chi^2/\text{NDF}: 5.3/2$

Left In: -49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-49.485 ± 0.872 $\chi^2/\text{NDF}: 521.4/12$

-49.235 ± 0.861 $\chi^2/\text{NDF}: 756.6/11$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 108.065 $\pm$ 1.151 χ^2 /NDF: 288.9/3

Left Out: 120.724 $\pm$ 0.820 χ^2 /NDF: 639.8/8

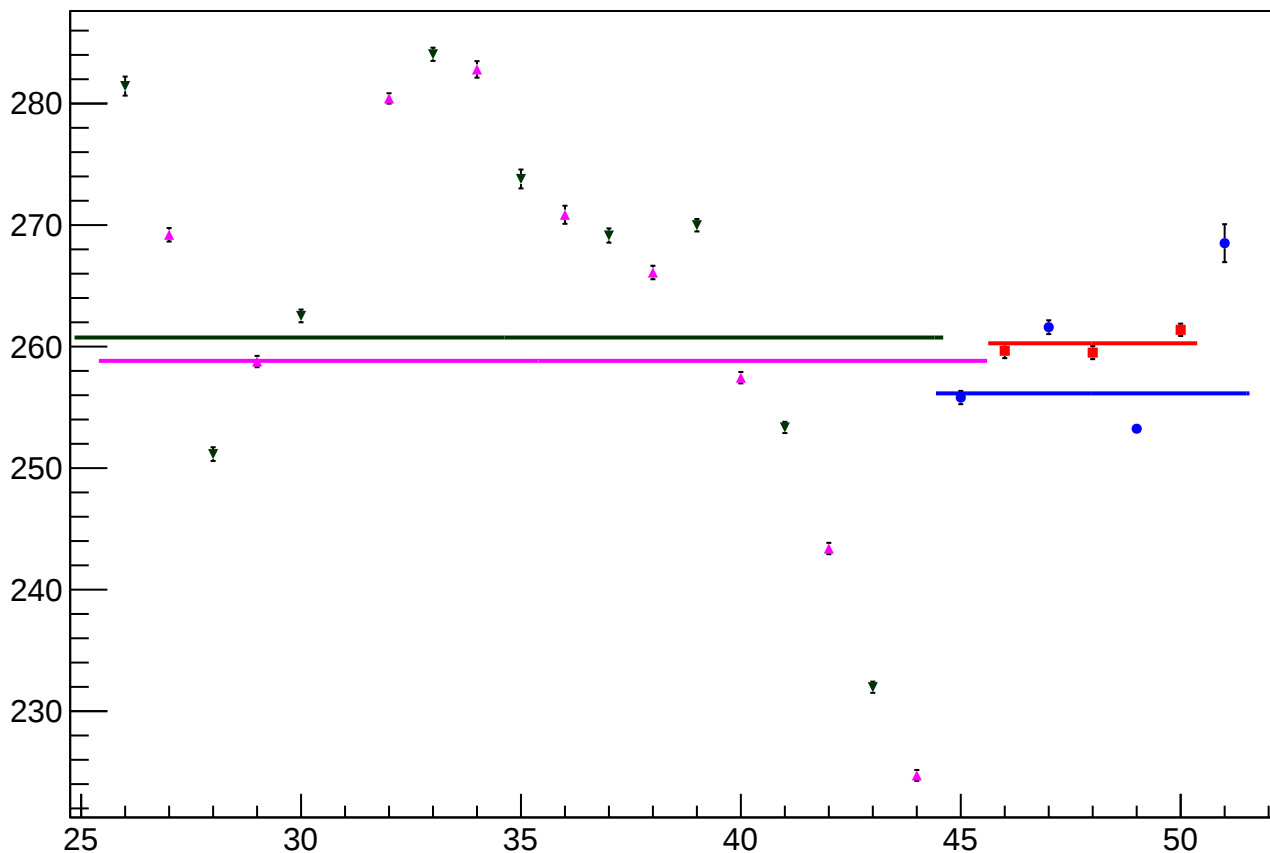
Right Out: 102.814 $\pm$ 1.378 χ^2 /NDF: 393.6/2

Left In: 115.784 $\pm$ 0.721 χ^2 /NDF: 983.2/8

116.464 $\pm$ 0.668 χ^2 /NDF: 1009.0/12

112.995 $\pm$ 0.639 χ^2 /NDF: 1446.3/11

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 256.150+/-0.267 χ^2/NDF : 215.0/3

Left Out: 260.747+/-0.184 χ^2/NDF : 7794.0/8

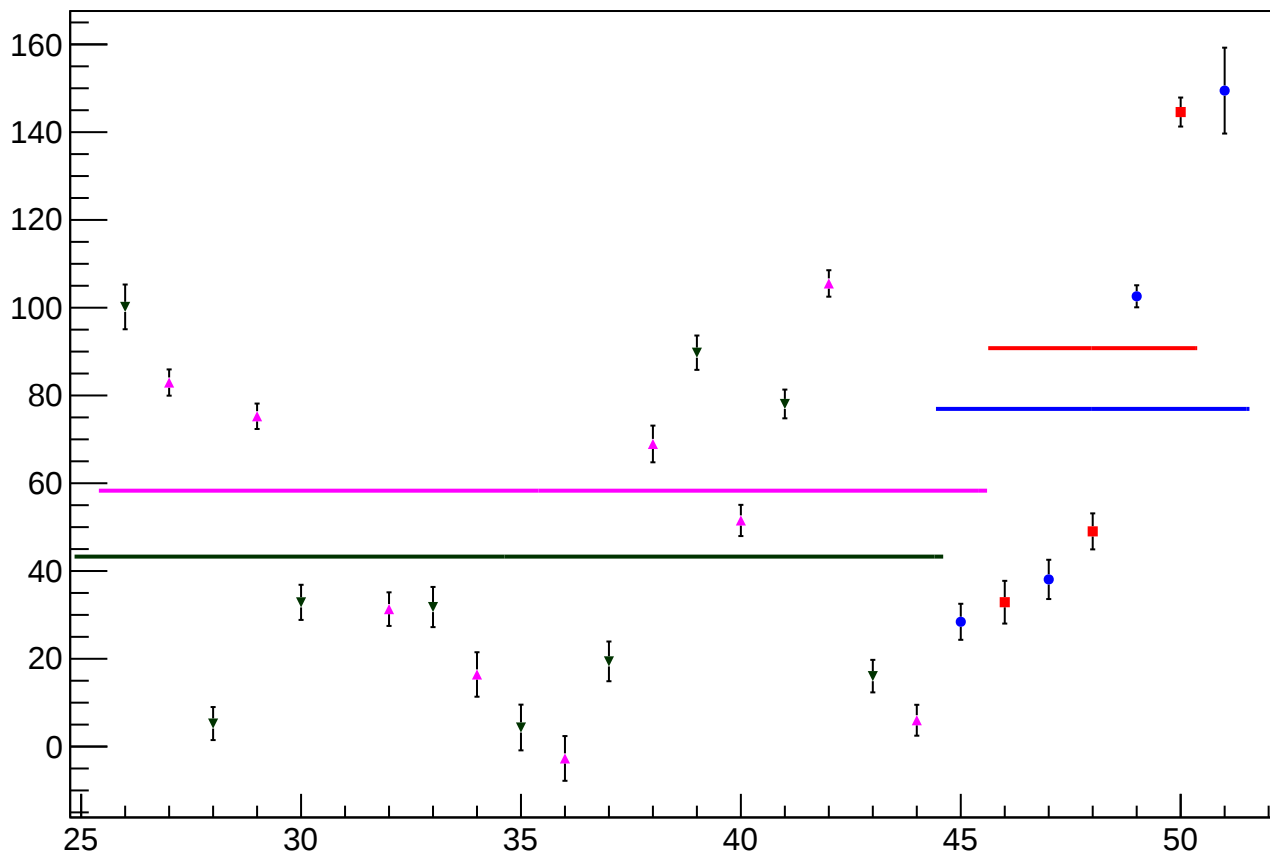
Right Out: 260.271+/-0.316 χ^2/NDF : 7.8/2

Left In: 258.828+/-0.170 χ^2/NDF : 11545.2/8

259.268+/-0.152 χ^2/NDF : 8209.4/12

259.152+/-0.150 χ^2/NDF : 11569.2/11

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 76.941+/-1.896 χ^2 /NDF: 374.2/3

Left Out: 43.284+/-1.366 χ^2 /NDF:631.4/8

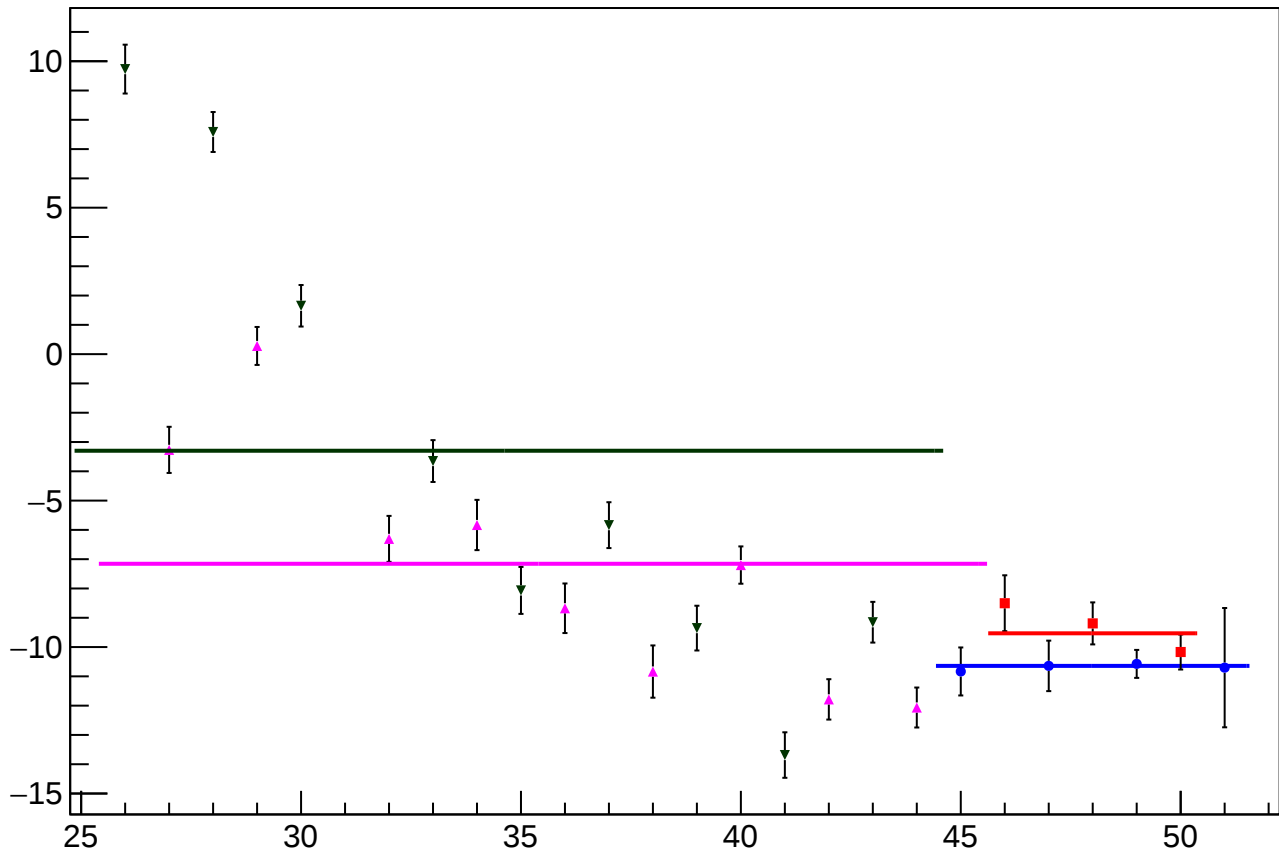
Right Out: 90.781+/-2.275 χ^2 /NDF: 509.9/2

Left In: 58.307+/-1.192 χ^2 /NDF:839.3/8

54.777+/-1.108 χ^2 /NDF: 1213.0/12

65.301+/-1.056 χ^2 /NDF: 1509.0/11

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.643 $\pm$ 0.366 χ^2 /NDF: 0.1/3

Left Out: -3.298 $\pm$ 0.249 χ^2 /NDF: 906.1/8

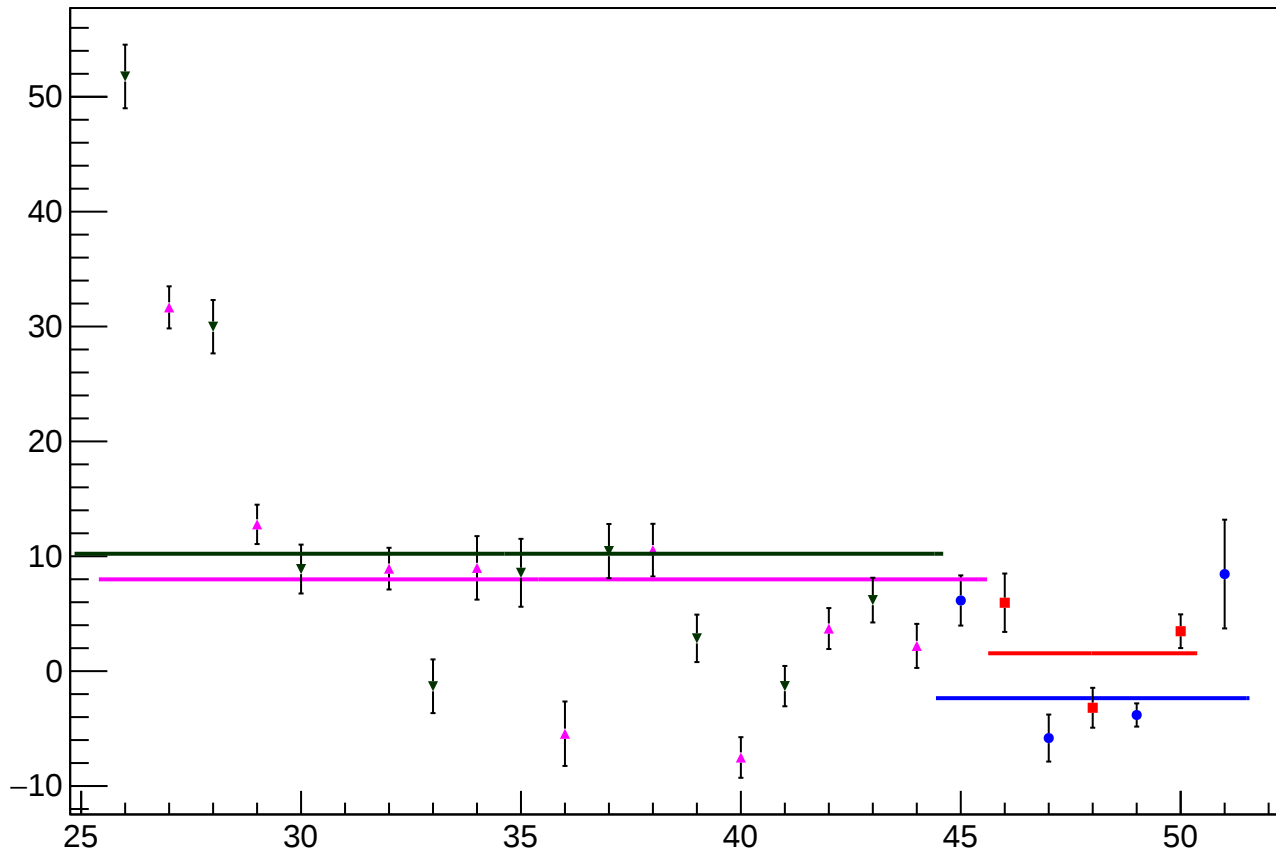
Right Out: -9.531 $\pm$ 0.414 χ^2 /NDF: 2.5/2

Left In: -7.157 $\pm$ 0.247 χ^2 /NDF: 276.7/8

-5.618 $\pm$ 0.206 χ^2 /NDF: 1181.6/12

-7.782 $\pm$ 0.212 χ^2 /NDF: 303.4/11

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -2.352 ± 0.824 $\chi^2/\text{NDF}: 25.3/3$

Left Out: 10.220 ± 0.738 $\chi^2/\text{NDF}: 382.7/8$

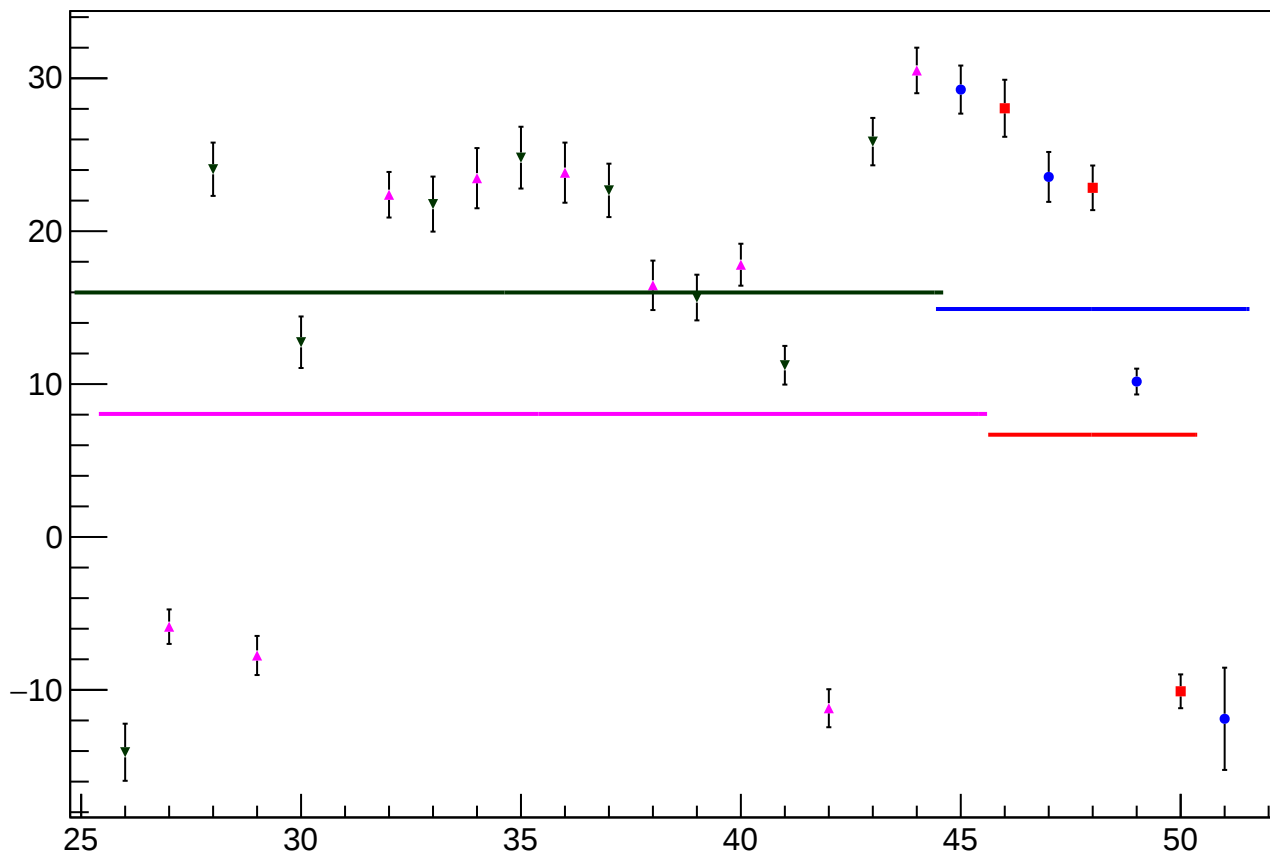
Right Out: 1.554 ± 1.026 $\chi^2/\text{NDF}: 12.2/2$

Left In: 7.990 ± 0.660 $\chi^2/\text{NDF}: 291.3/8$

4.627 ± 0.550 $\chi^2/\text{NDF}: 537.2/12$

6.107 ± 0.555 $\chi^2/\text{NDF}: 331.3/11$

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 14.910 $\pm$ 0.664 χ^2/NDF : 207.2/3

Left Out: 15.992 $\pm$ 0.547 χ^2/NDF : 383.0/8

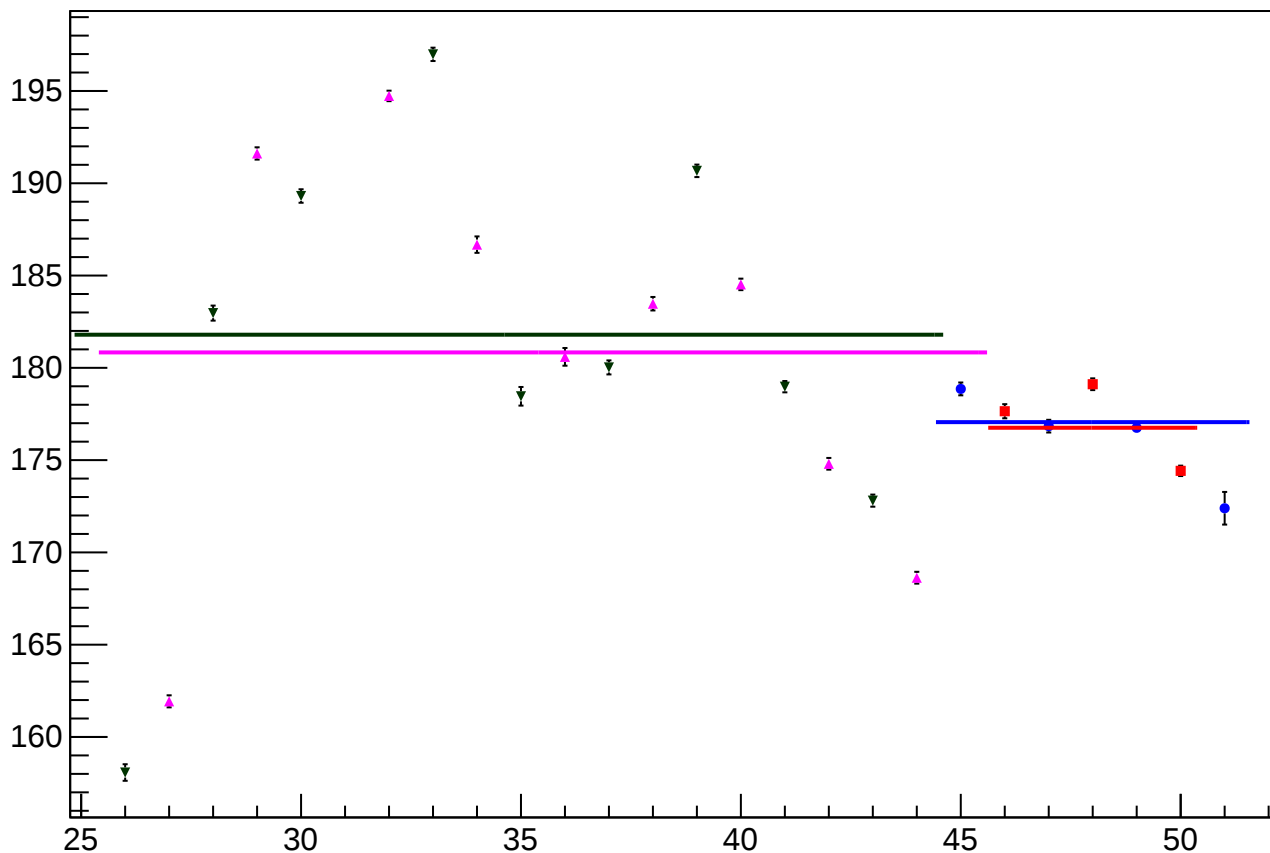
Right Out: 6.689 $\pm$ 0.797 χ^2/NDF : 483.9/2

Left In: 8.048 $\pm$ 0.478 χ^2/NDF : 1067.9/8

15.554 $\pm$ 0.422 χ^2/NDF : 591.8/12

7.688 $\pm$ 0.410 χ^2/NDF : 1554.0/11

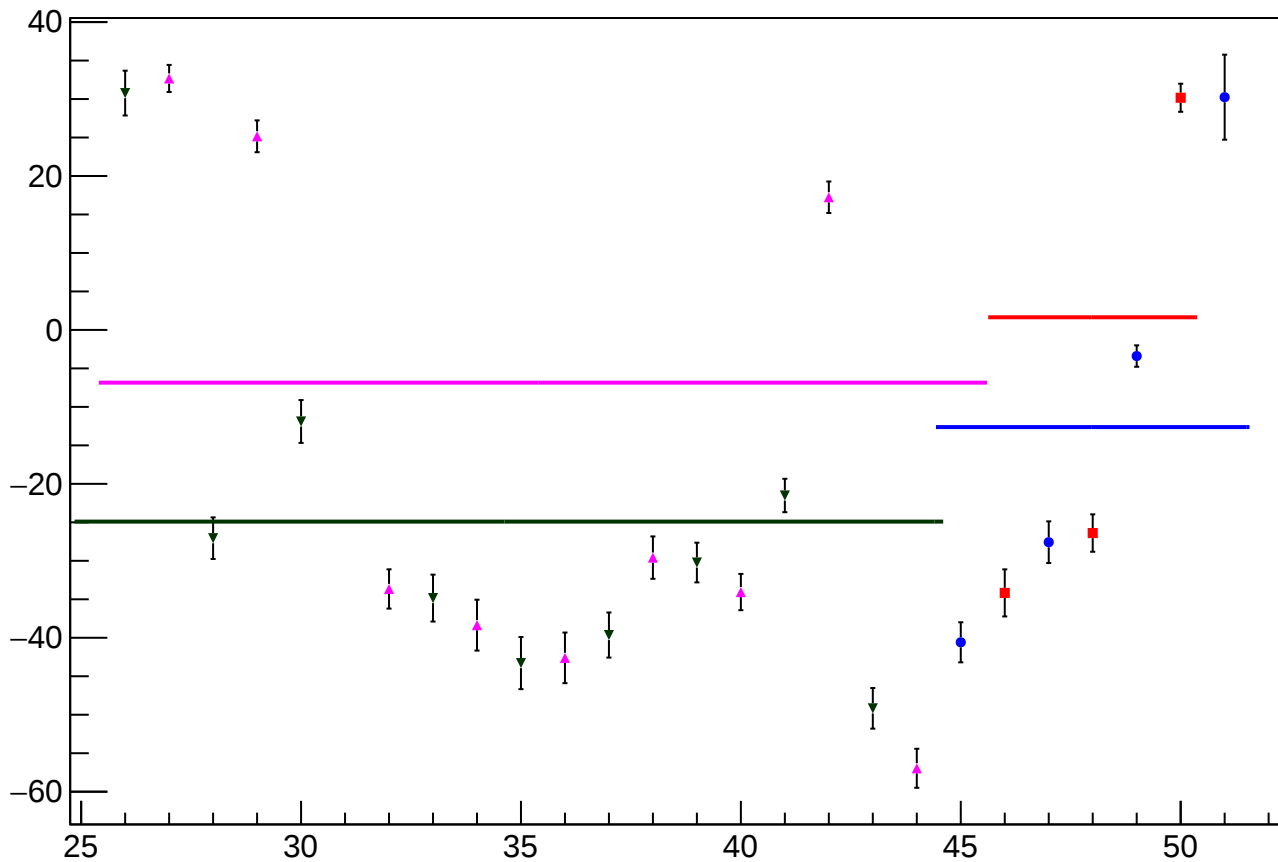
reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.058 +/- 0.156 χ^2/NDF : 57.2/3
 Left Out: 181.795 +/- 0.123 χ^2/NDF : 6577.2/8
 Right Out: 176.754 +/- 0.185 χ^2/NDF : 128.8/2
 Left In: 180.835 +/- 0.114 χ^2/NDF : 8962.2/8

179.970 +/- 0.097 χ^2/NDF : 7201.9/12
 179.717 +/- 0.097 χ^2/NDF : 9445.0/11

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -12.624+/-1.096 χ^2/NDF : 250.2/3

Left Out: -24.905+/-0.912 χ^2/NDF : 545.2/8

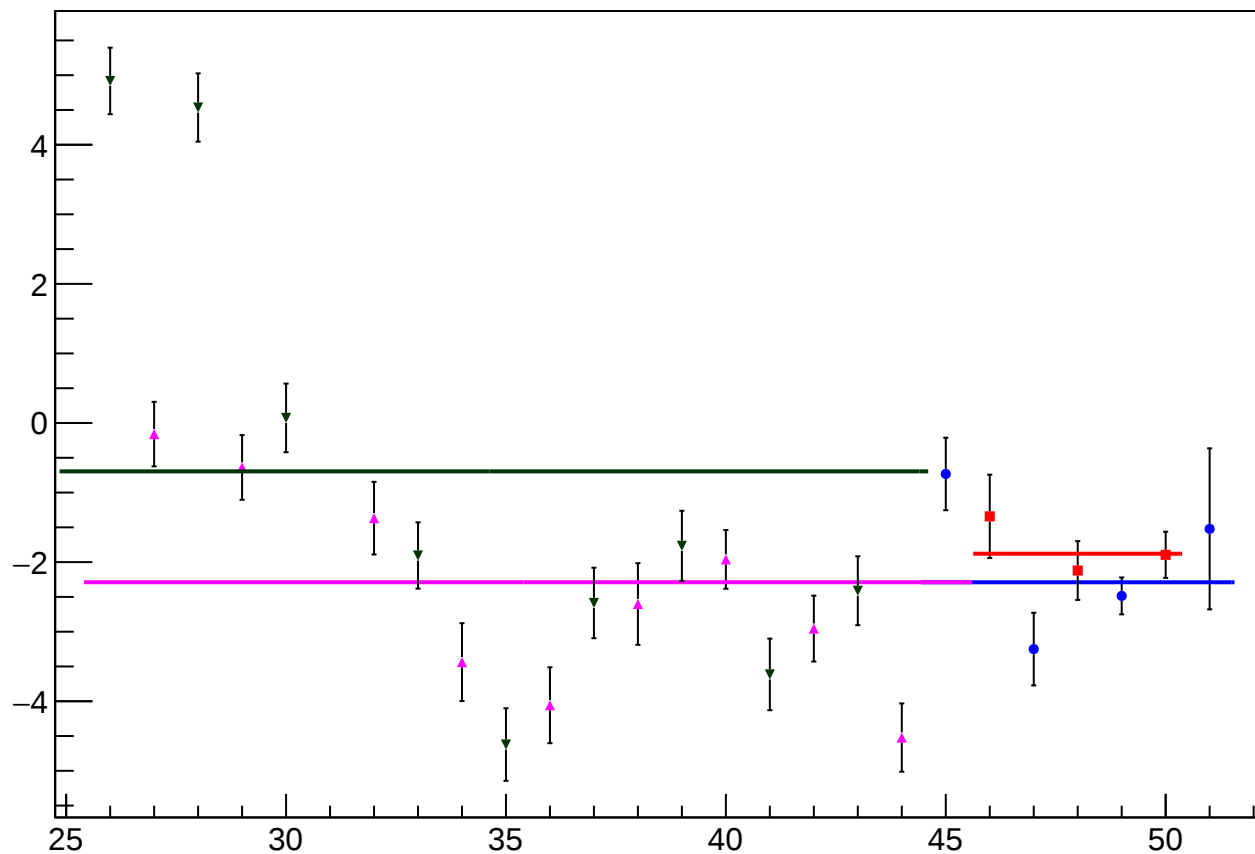
Right Out: 1.643+/-1.317 χ^2/NDF : 514.6/2

Left In: -6.851+/-0.790 χ^2/NDF : 1794.2/8

-19.877+/-0.701 χ^2/NDF : 869.5/12

-4.602+/-0.678 χ^2/NDF : 2339.4/11

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.290 ± 0.212 $\chi^2/\text{NDF}: 13.3/3$

Left Out: -0.695 ± 0.166 $\chi^2/\text{NDF}: 379.5/8$

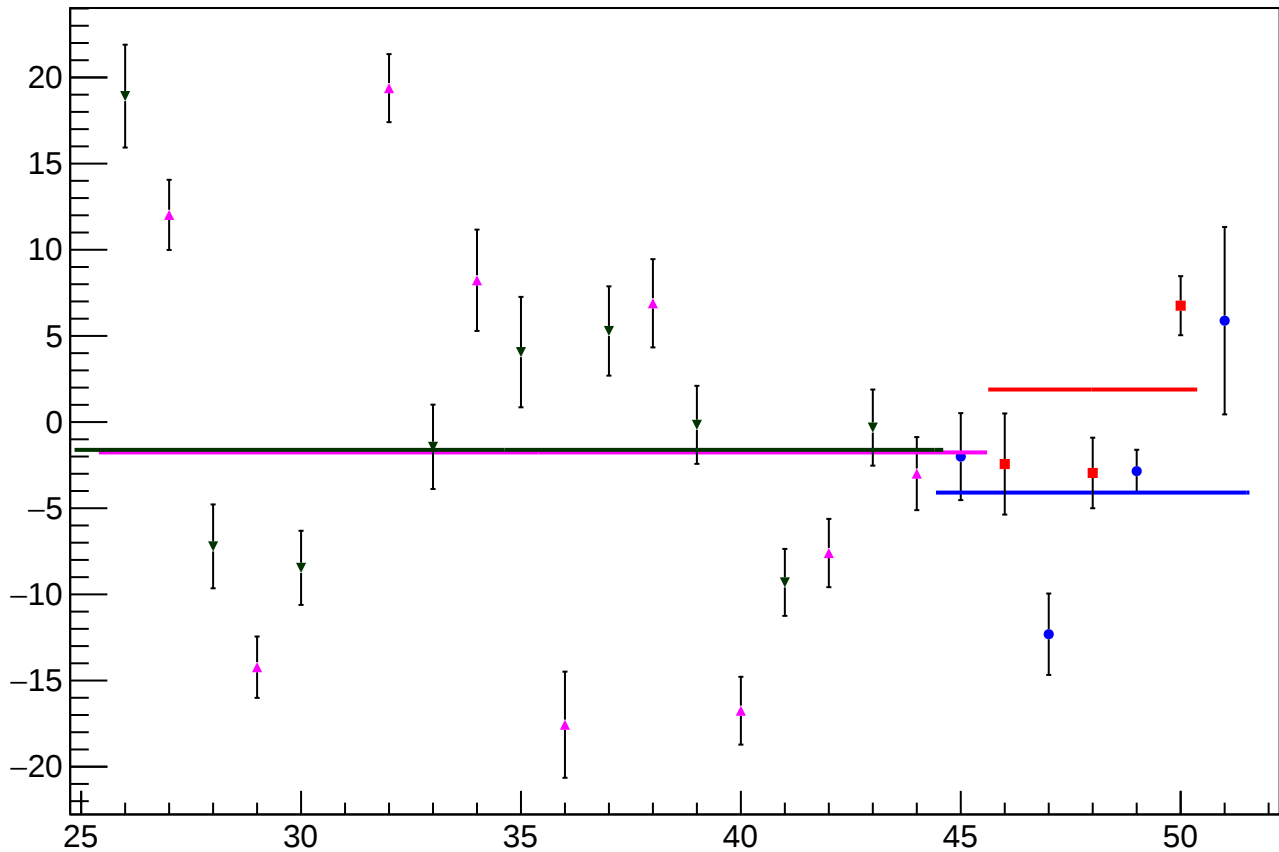
Right Out: -1.879 ± 0.239 $\chi^2/\text{NDF}: 1.1/2$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.301 ± 0.131 $\chi^2/\text{NDF}: 427.9/12$

-2.157 ± 0.136 $\chi^2/\text{NDF}: 78.2/11$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -4.092 ± 0.990 $\chi^2/\text{NDF}: 17.2/3$

Left Out: -1.613 ± 0.797 $\chi^2/\text{NDF}: 89.4/8$

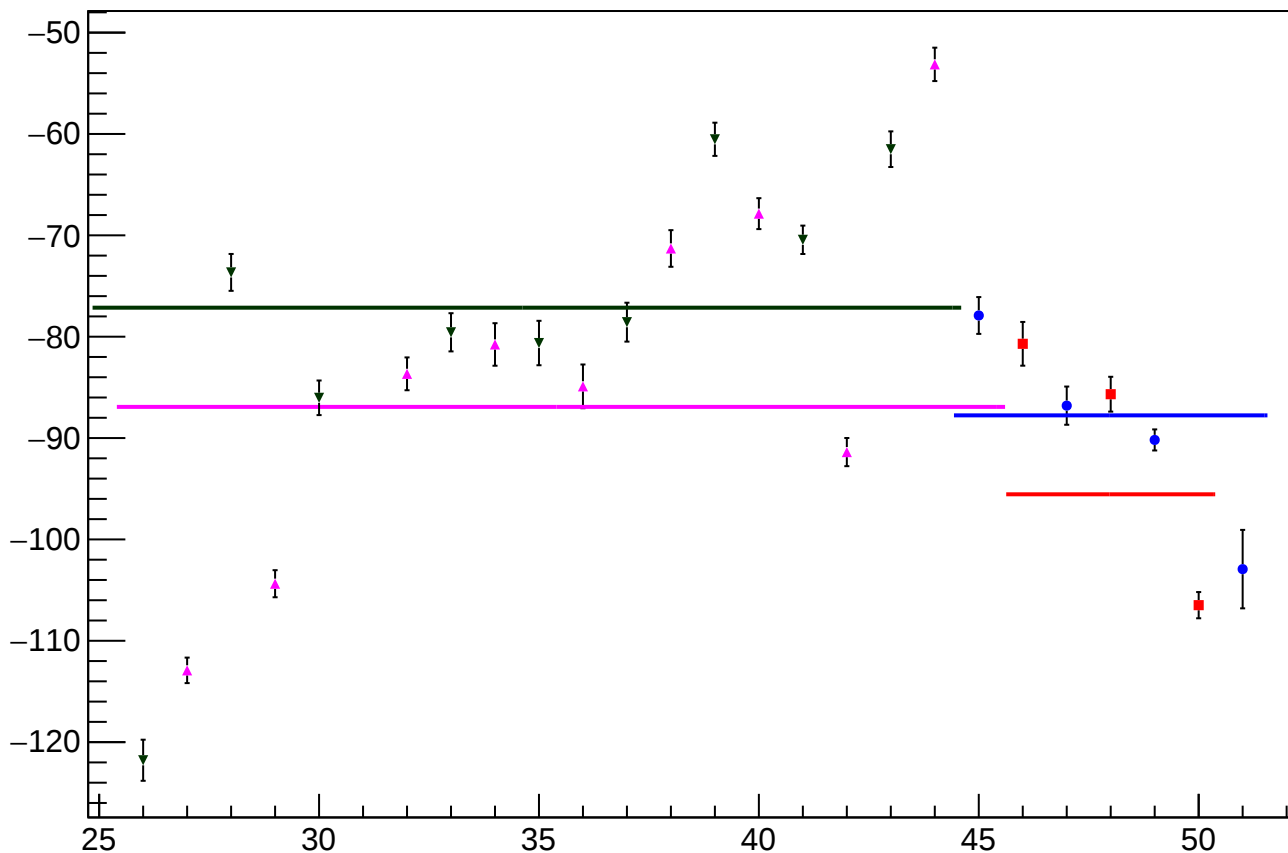
Right Out: 1.889 ± 1.199 $\chi^2/\text{NDF}: 15.8/2$

Left In: -1.762 ± 0.721 $\chi^2/\text{NDF}: 326.0/8$

-2.587 ± 0.621 $\chi^2/\text{NDF}: 110.3/12$

-0.792 ± 0.618 $\chi^2/\text{NDF}: 348.6/11$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -87.761 $\pm$ 0.796 χ^2 /NDF: 50.5/3

Left Out: -77.138 $\pm$ 0.592 χ^2 /NDF: 725.4/8

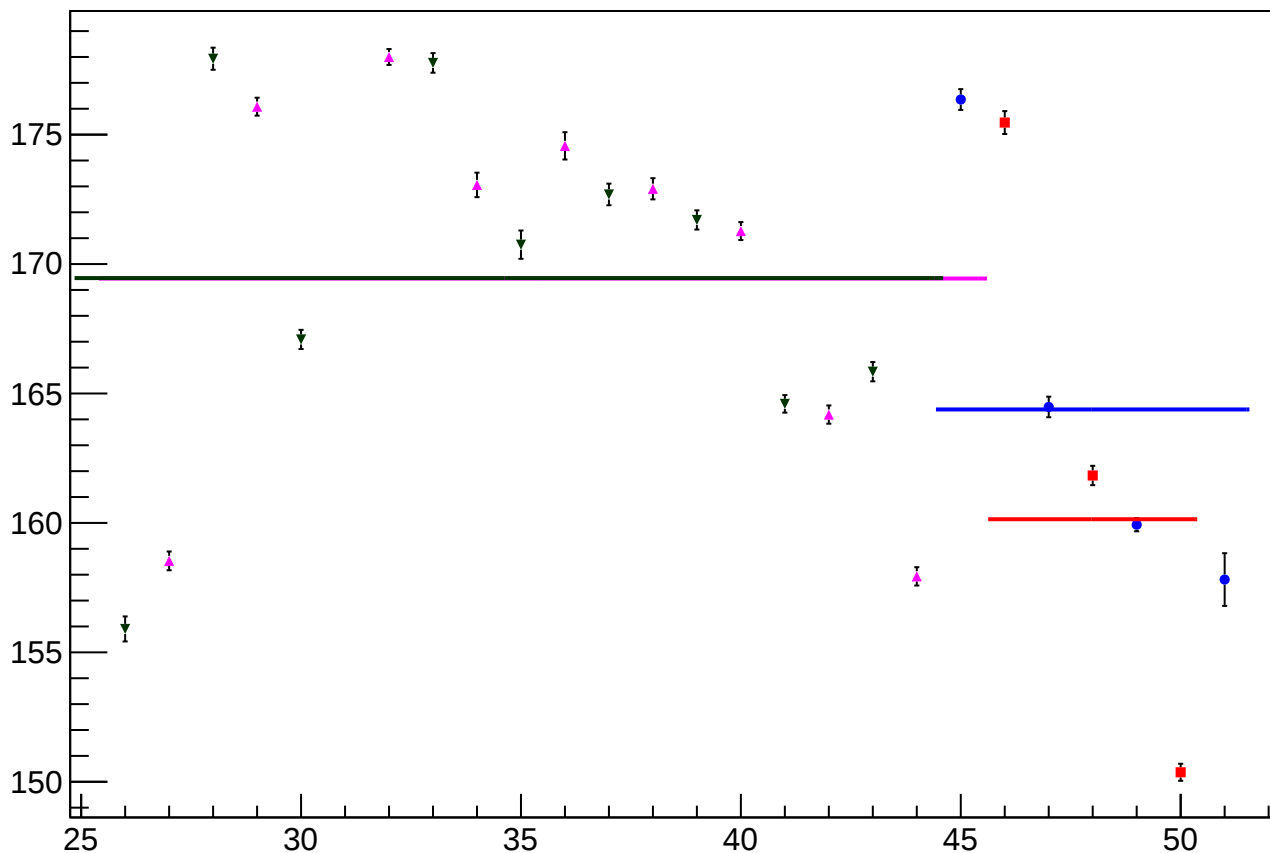
Right Out: -95.549 $\pm$ 0.932 χ^2 /NDF: 151.8/2

Left In: -86.925 $\pm$ 0.524 χ^2 /NDF: 1273.0/8

-80.917 $\pm$ 0.475 χ^2 /NDF: 890.5/12

-88.997 $\pm$ 0.457 χ^2 /NDF: 1489.8/11

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 164.383 $\pm$ 0.186 χ^2/NDF : 1235.6/3

Left Out: 169.458 $\pm$ 0.133 χ^2/NDF : 2105.9/8

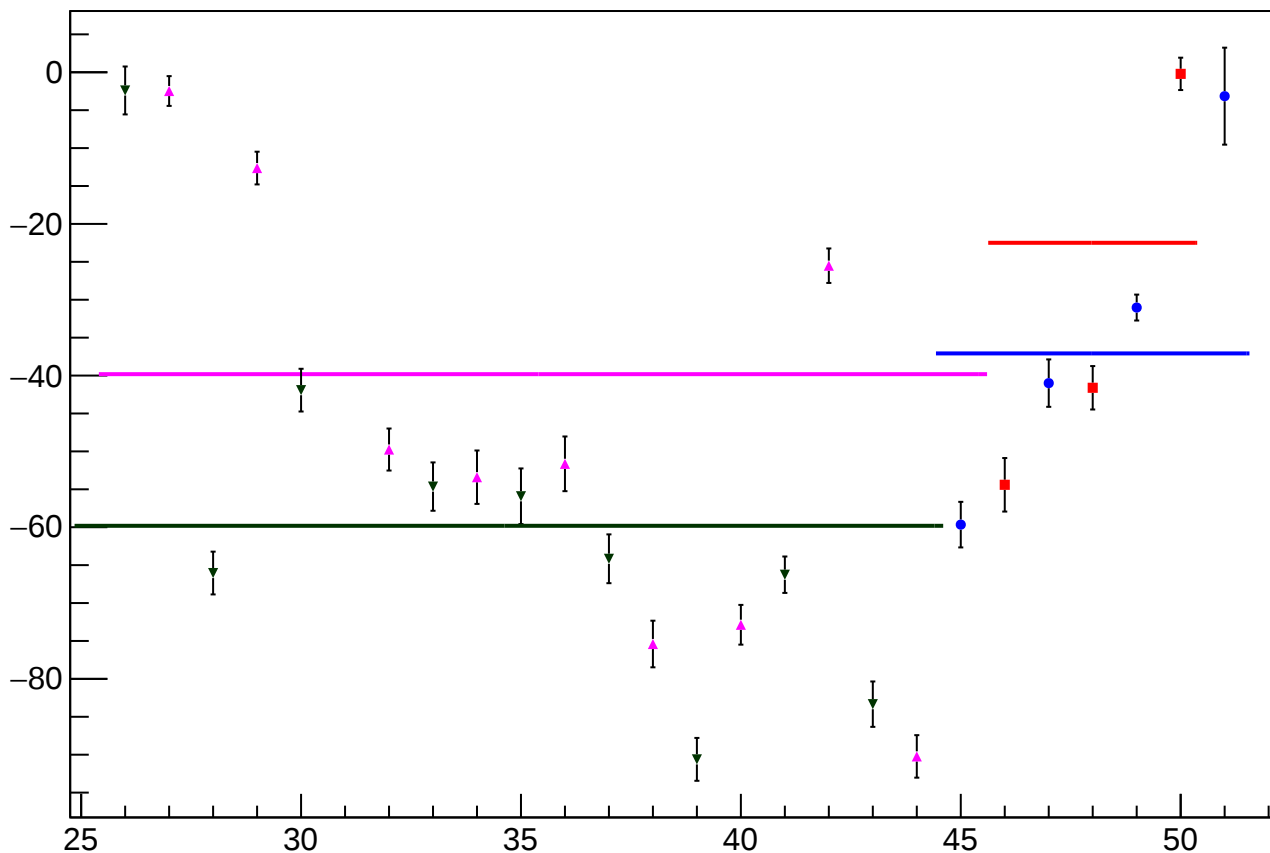
Right Out: 160.142 $\pm$ 0.216 χ^2/NDF : 2104.4/2

Left In: 169.441 $\pm$ 0.124 χ^2/NDF : 3580.5/8

167.738 $\pm$ 0.108 χ^2/NDF : 3833.2/12

167.127 $\pm$ 0.108 χ^2/NDF : 7082.2/11

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -37.078+/-1.313 χ^2/NDF : 98.7/3

Left Out: -59.812+/-0.985 χ^2/NDF : 568.6/8

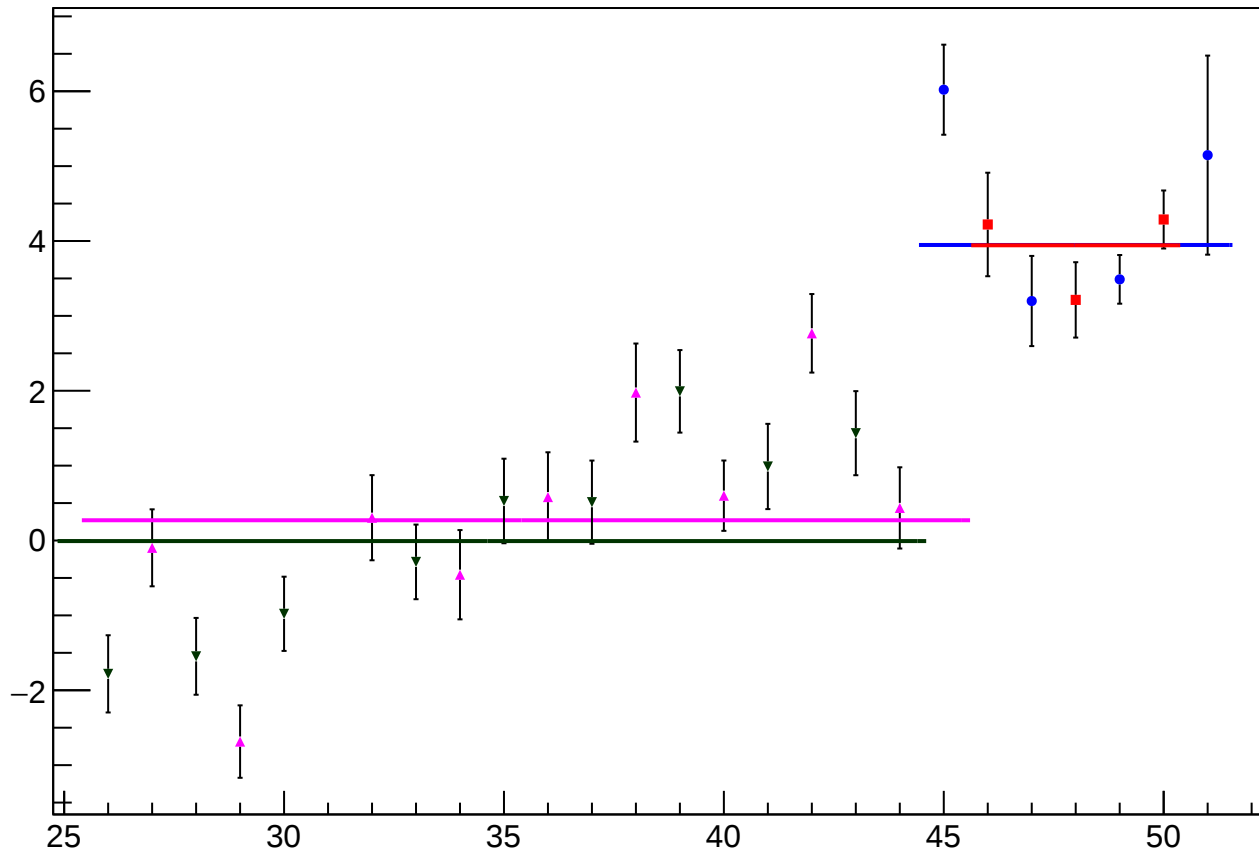
-51.632+/-0.788 χ^2/NDF : 859.1/12

Right Out: -22.490+/-1.540 χ^2/NDF : 235.3/2

-35.653+/-0.755 χ^2/NDF : 1546.4/11

Left In: -39.815+/-0.866 χ^2/NDF : 1214.9/8

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 3.947 ± 0.254 $\chi^2/\text{NDF}: 16.2/3$

Left Out: -0.008 ± 0.178 $\chi^2/\text{NDF}: 49.6/8$

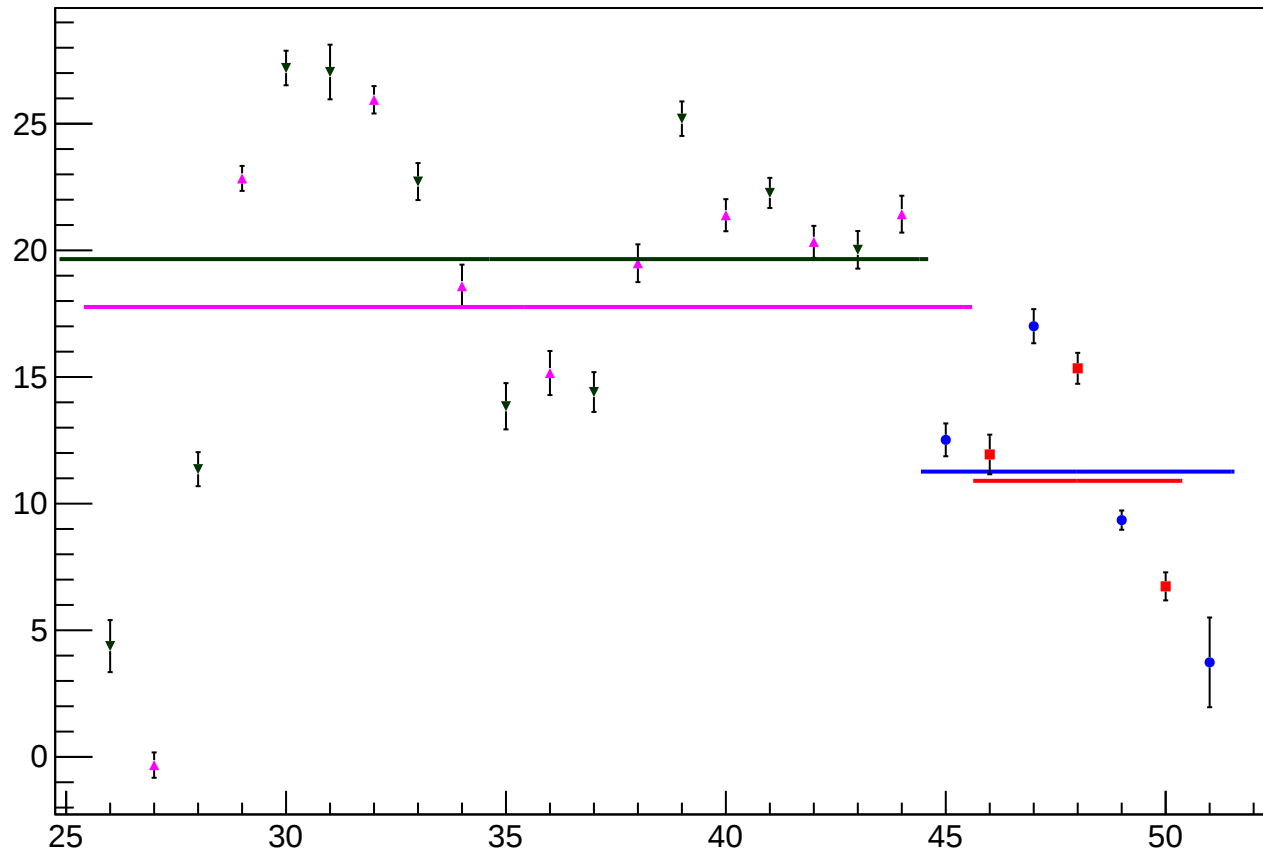
Right Out: 3.943 ± 0.281 $\chi^2/\text{NDF}: 3.1/2$

Left In: 0.270 ± 0.181 $\chi^2/\text{NDF}: 69.6/8$

1.297 ± 0.146 $\chi^2/\text{NDF}: 228.8/12$

1.347 ± 0.152 $\chi^2/\text{NDF}: 193.8/11$

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 11.265 ± 0.291 χ^2/NDF : 119.9/3

Left Out: 19.654 ± 0.238 χ^2/NDF : 731.5/9

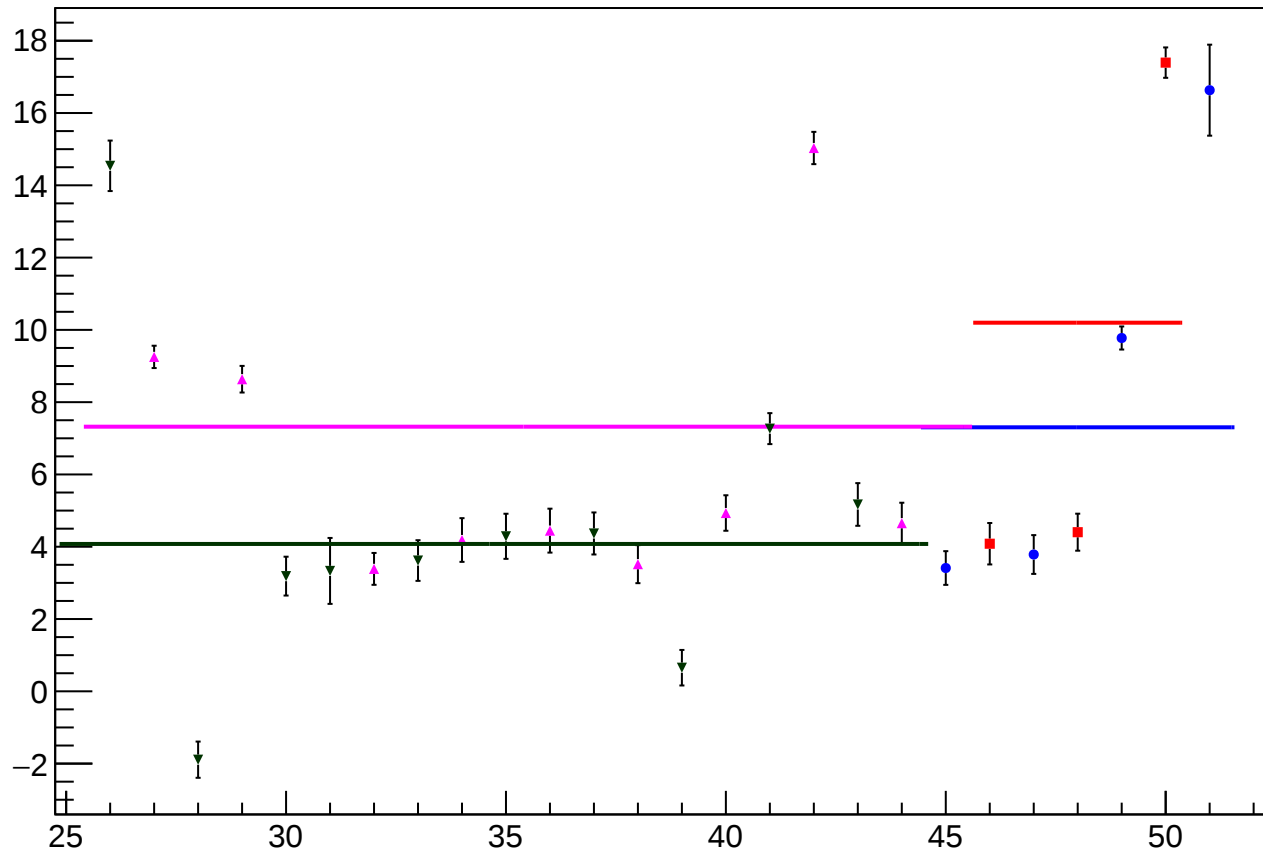
Right Out: 10.901 ± 0.363 χ^2/NDF : 111.3/2

Left In: 17.765 ± 0.209 χ^2/NDF : 1728.2/8

16.292 ± 0.184 χ^2/NDF : 1349.8/13

16.058 ± 0.181 χ^2/NDF : 2107.9/11

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 7.304 $\pm$ 0.232 χ^2 /NDF: 227.5/3

Left Out: 4.077 $\pm$ 0.177 χ^2 /NDF: 478.1/9

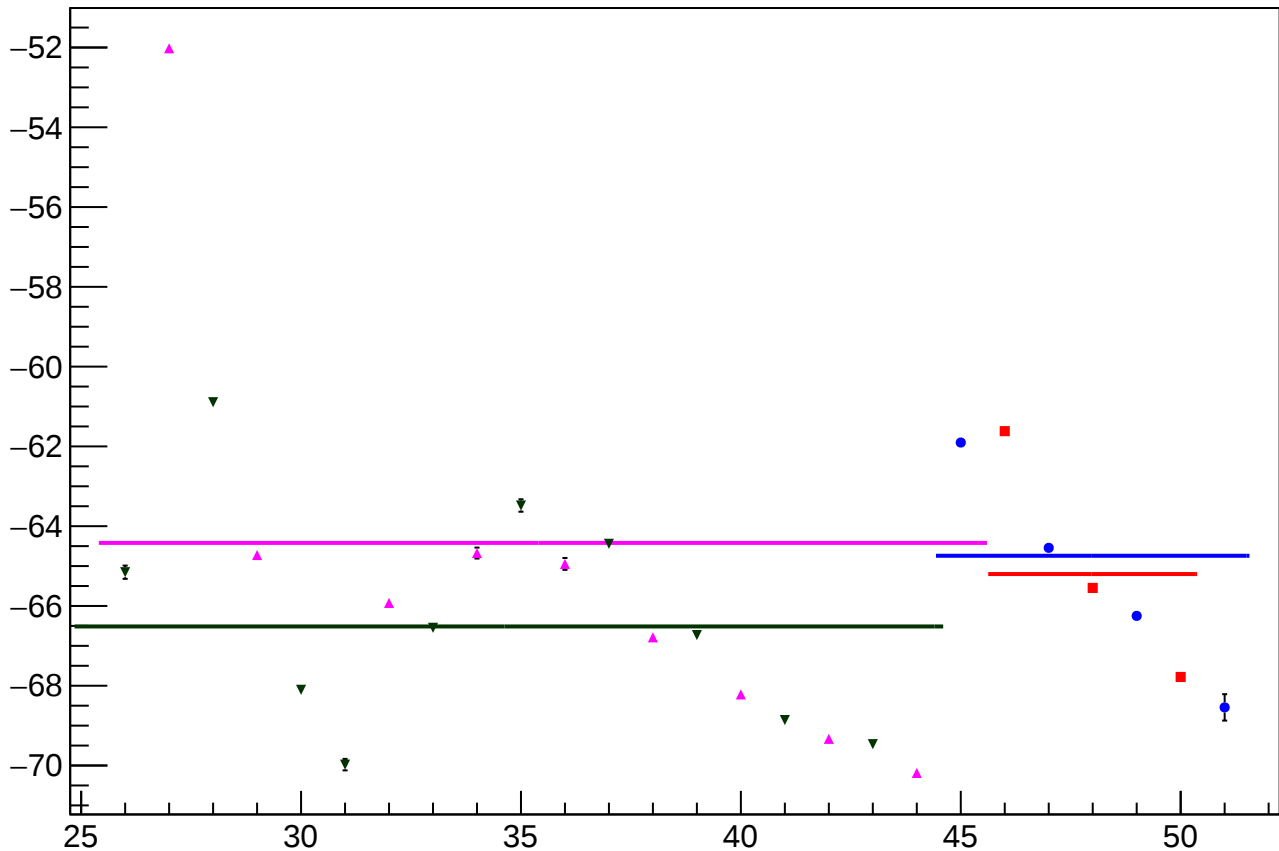
5.264 $\pm$ 0.141 χ^2 /NDF: 827.5/13

Right Out: 10.199 $\pm$ 0.283 χ^2 /NDF: 535.0/2

7.955 $\pm$ 0.133 χ^2 /NDF: 1193.0/11

Left In: 7.322 $\pm$ 0.150 χ^2 /NDF: 577.2/8

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.742 $\pm$ 0.054 χ^2 /NDF: 1261.1/3

Left Out: -66.514 $\pm$ 0.039 χ^2 /NDF: 4814.8/9

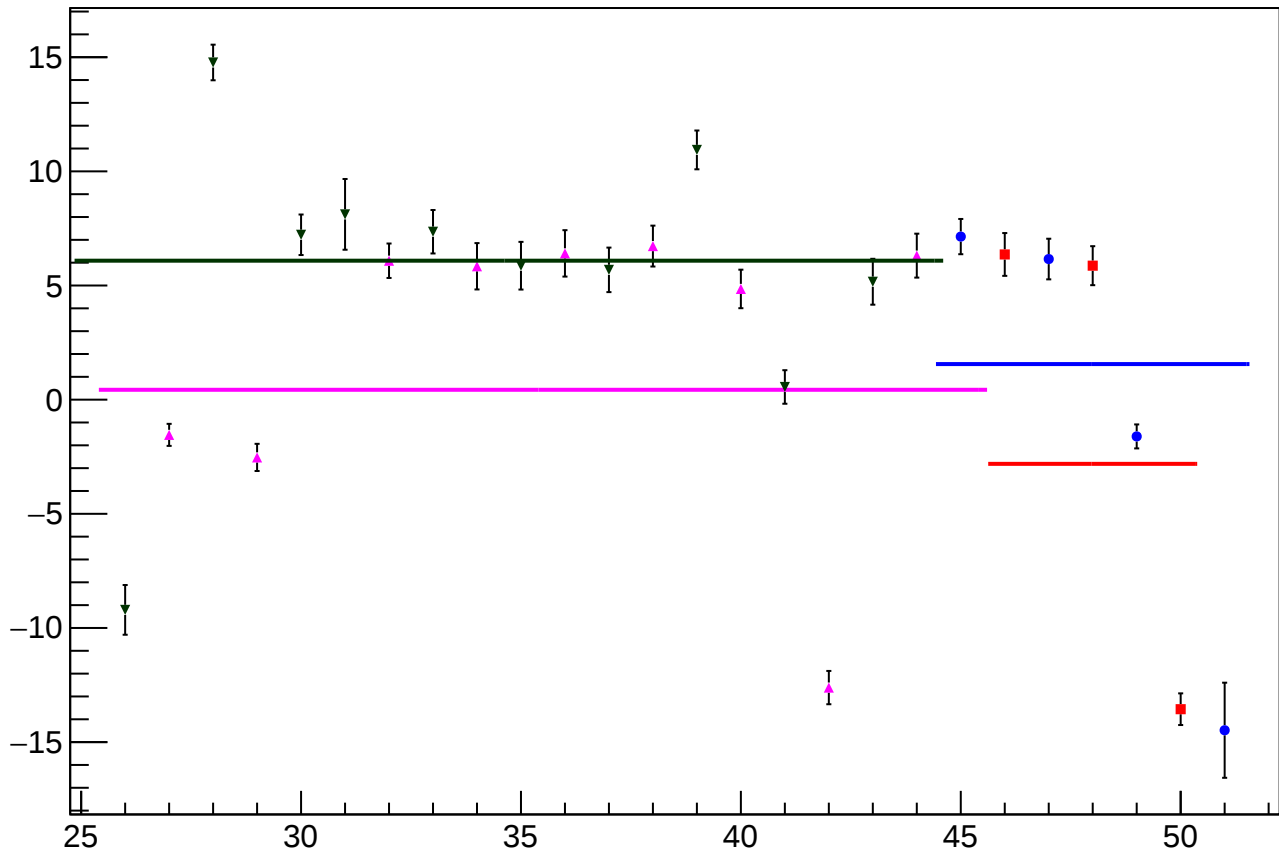
-65.898 $\pm$ 0.032 χ^2 /NDF: 6781.9/13

Right Out: -65.200 $\pm$ 0.064 χ^2 /NDF: 1521.1/2

-64.606 $\pm$ 0.031 χ^2 /NDF: 26655.4/11

Left In: -64.419 $\pm$ 0.036 χ^2 /NDF: 25022.3/8

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 1.559 ± 0.384 χ^2/NDF : 174.7/3

Left Out: 6.087 ± 0.295 χ^2/NDF : 416.6/9

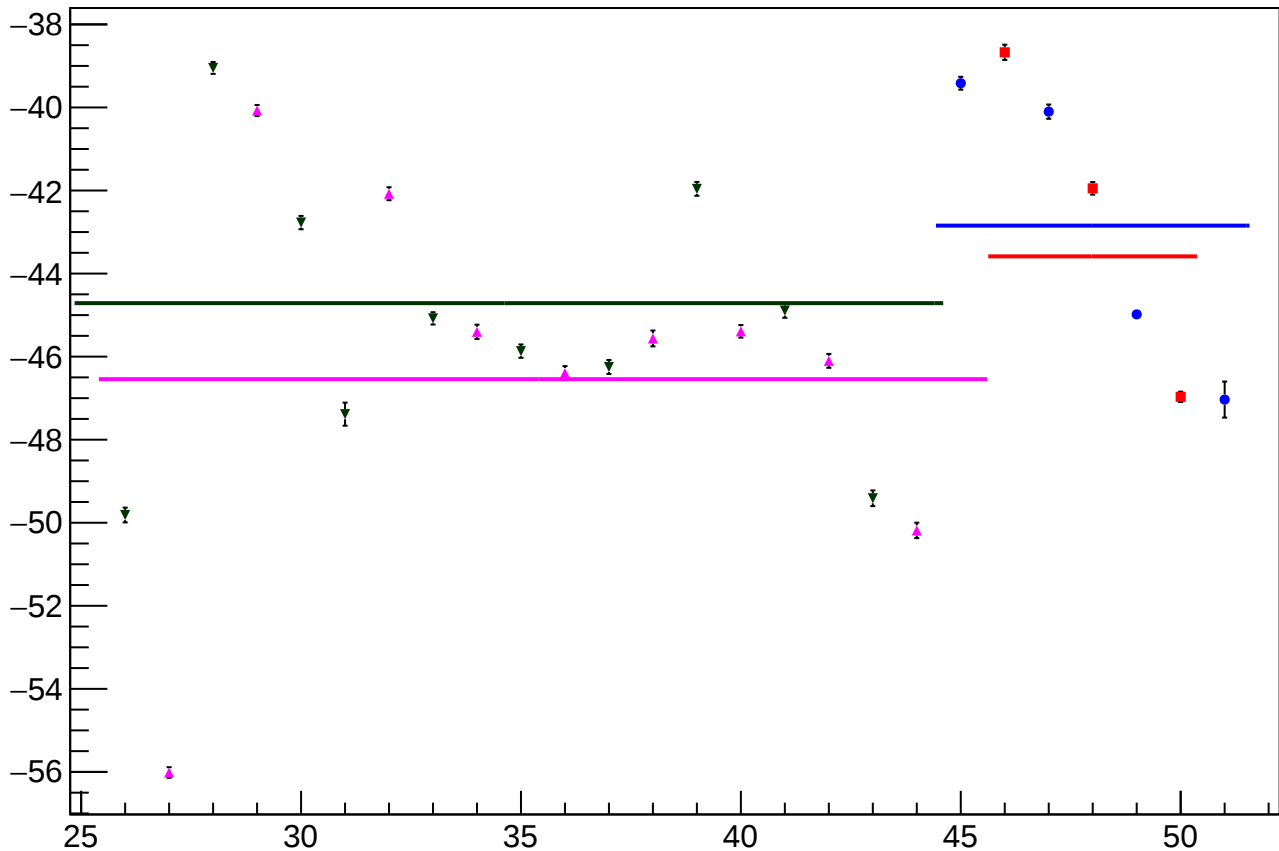
Right Out: -2.812 ± 0.467 χ^2/NDF : 439.1/2

Left In: 0.433 ± 0.247 χ^2/NDF : 594.7/8

4.403 ± 0.234 χ^2/NDF : 678.9/13

-0.276 ± 0.218 χ^2/NDF : 1071.6/11

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.845 $\pm$ 0.074 χ^2/NDF : 1299.0/3

Left Out: -44.712 $\pm$ 0.054 χ^2/NDF : 3648.7/9

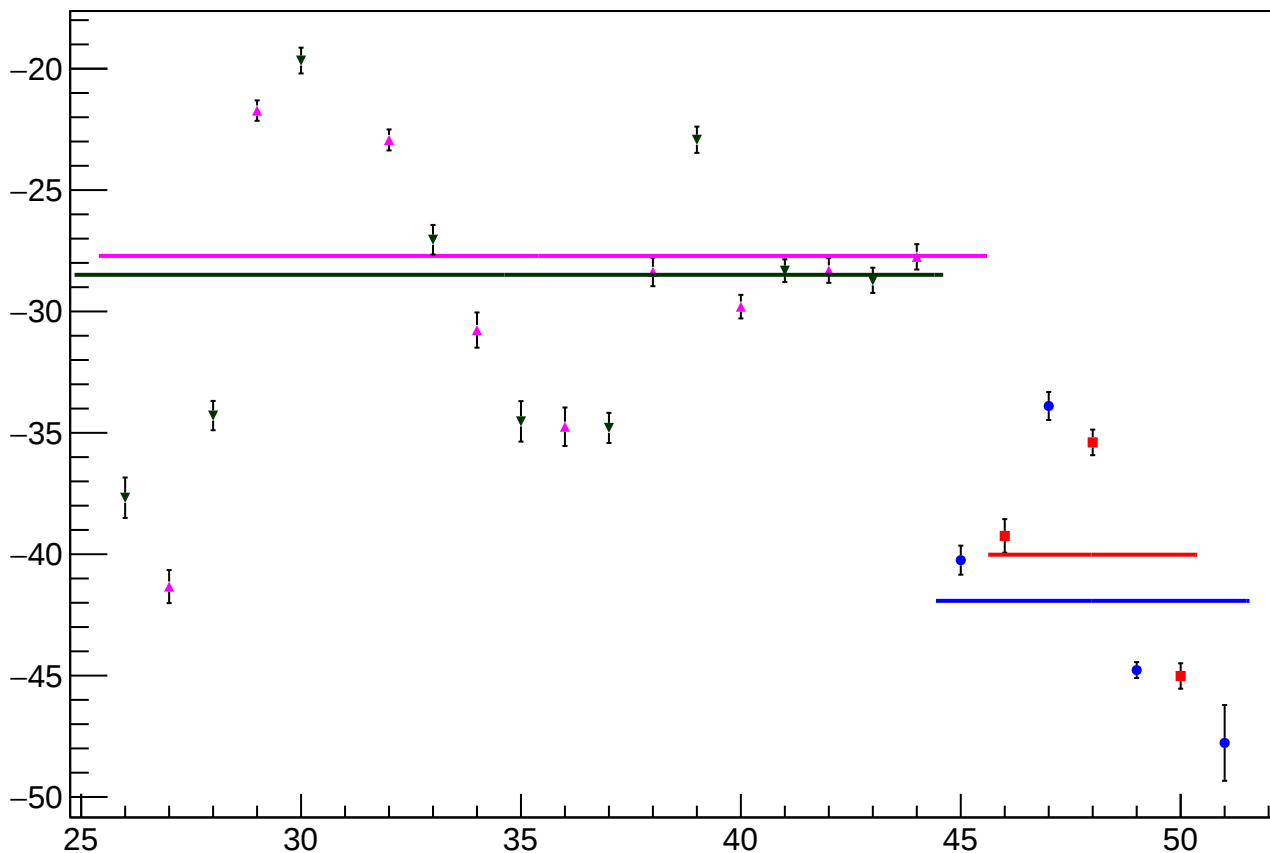
Right Out: -43.586 $\pm$ 0.085 χ^2/NDF : 1562.1/2

Left In: -46.543 $\pm$ 0.052 χ^2/NDF : 9214.1/8

-44.072 $\pm$ 0.043 χ^2/NDF : 5363.4/13

-45.734 $\pm$ 0.045 χ^2/NDF : 11645.2/11

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -41.921 $\pm$ 0.254 χ^2 /NDF: 291.5/3

Left Out: -28.490 $\pm$ 0.195 χ^2 /NDF: 758.4/8

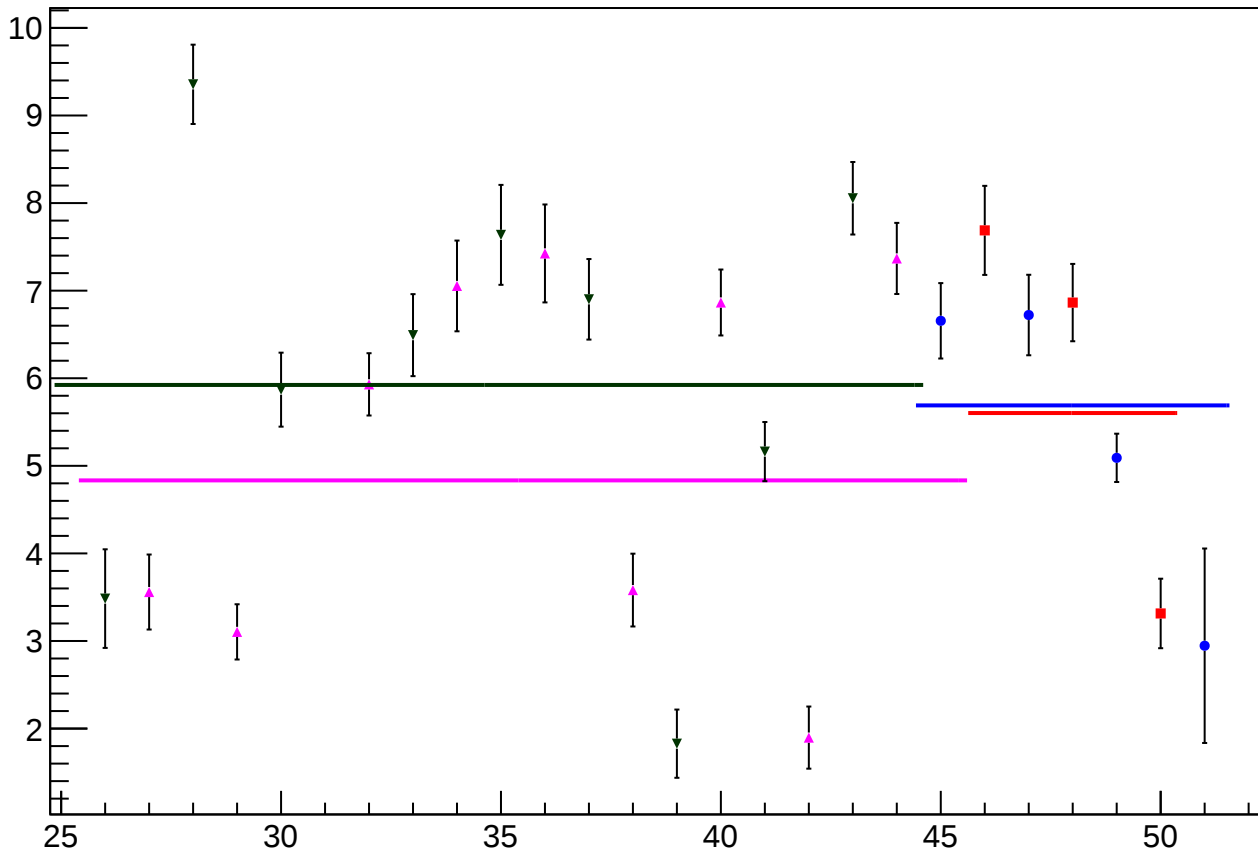
Right Out: -40.019 $\pm$ 0.327 χ^2 /NDF: 169.3/2

Left In: -27.713 $\pm$ 0.179 χ^2 /NDF: 841.0/8

-33.485 $\pm$ 0.155 χ^2 /NDF: 2805.5/12

-30.537 $\pm$ 0.157 χ^2 /NDF: 2099.5/11

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.690 $\pm$ 0.204 χ^2 /NDF: 20.9/3

Left Out: 5.923 $\pm$ 0.146 χ^2 /NDF: 233.4/8

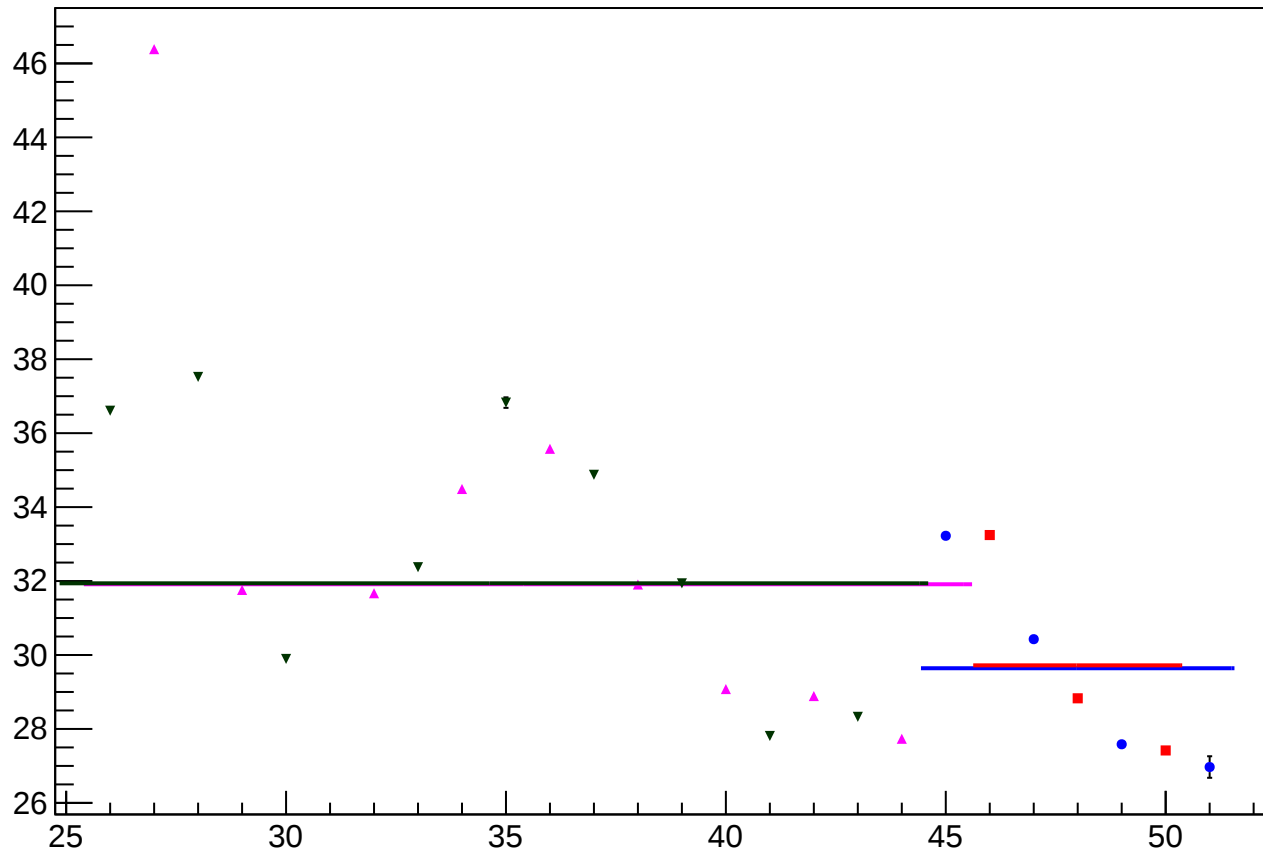
Right Out: 5.603 $\pm$ 0.255 χ^2 /NDF: 58.2/2

Left In: 4.834 $\pm$ 0.132 χ^2 /NDF: 234.0/8

5.844 $\pm$ 0.118 χ^2 /NDF: 255.1/12

4.996 $\pm$ 0.117 χ^2 /NDF: 299.4/11

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.642+/-0.047 χ^2/NDF : 2492.3/3

Left Out: 31.939+/-0.033 χ^2/NDF : 10847.9/8

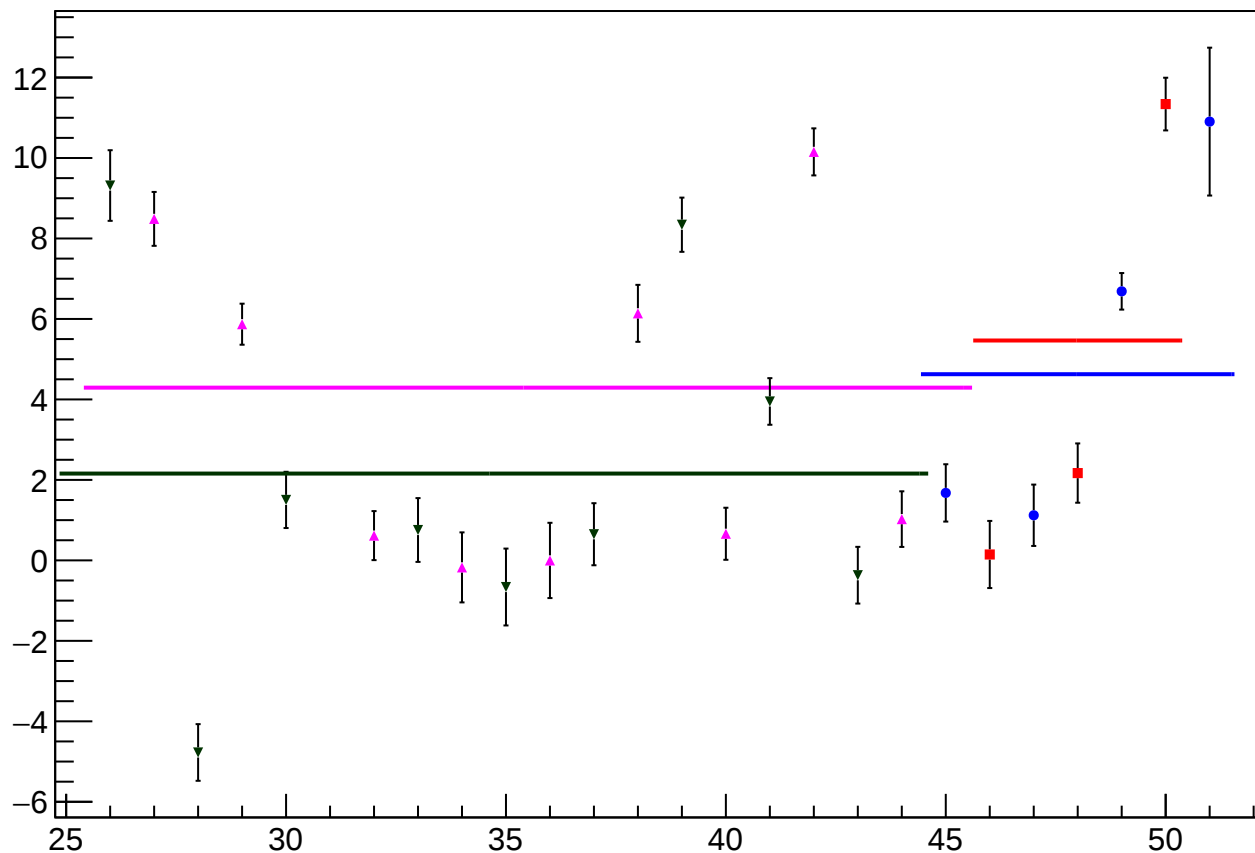
Right Out: 29.720+/-0.058 χ^2/NDF : 1757.7/2

Left In: 31.913+/-0.031 χ^2/NDF : 20133.4/8

31.199+/-0.027 χ^2/NDF : 14939.0/12

31.433+/-0.027 χ^2/NDF : 23019.1/11

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 4.627 $\pm$ 0.336 χ^2/NDF : 70.5/3

Left Out: 2.158 $\pm$ 0.243 χ^2/NDF : 286.7/8

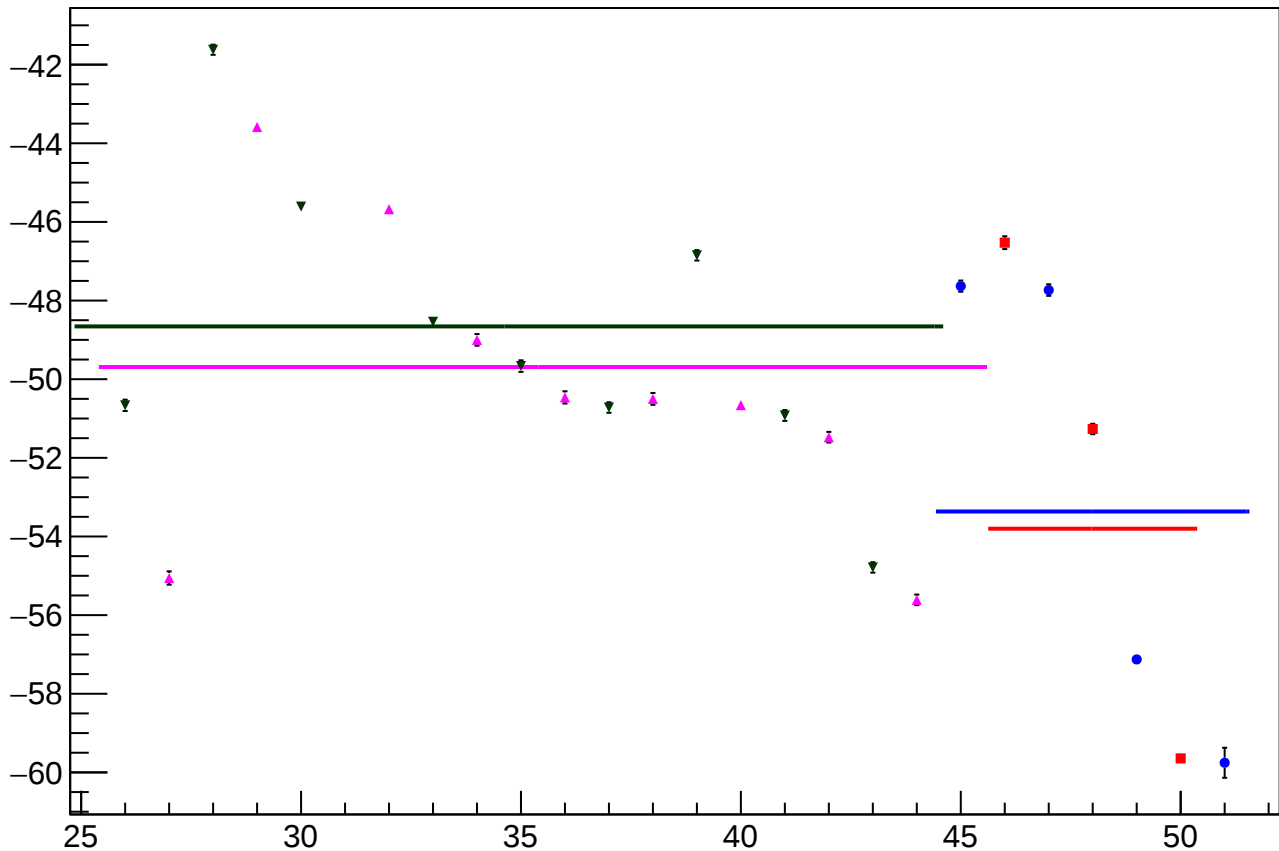
Right Out: 5.465 $\pm$ 0.422 χ^2/NDF : 141.2/2

Left In: 4.293 $\pm$ 0.220 χ^2/NDF : 293.8/8

3.004 $\pm$ 0.197 χ^2/NDF : 392.6/12

4.543 $\pm$ 0.195 χ^2/NDF : 441.0/11

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -53.365+/-0.065 χ^2/NDF : 5241.2/3

Left Out: -48.657+/-0.044 χ^2/NDF : 6659.9/8

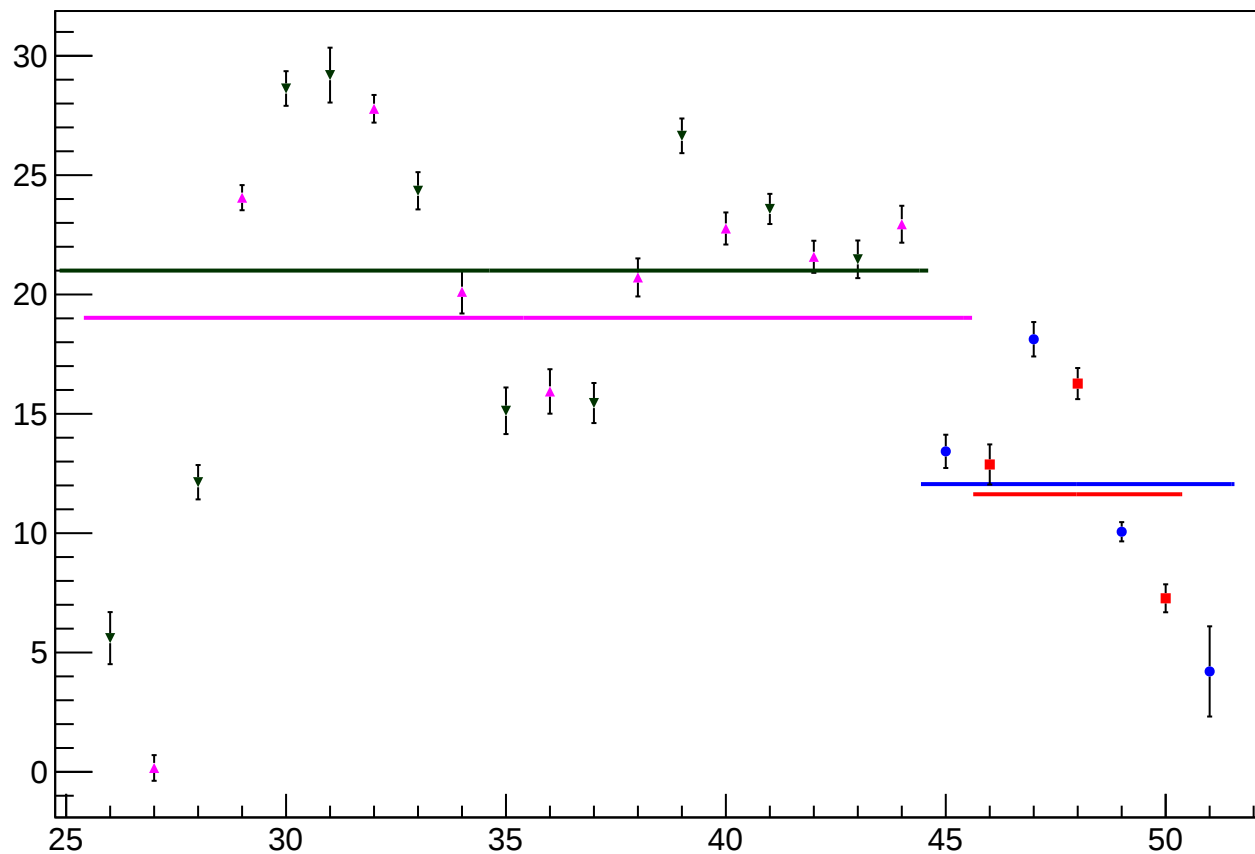
Right Out: -53.802+/-0.078 χ^2/NDF : 4784.6/2

Left In: -49.690+/-0.045 χ^2/NDF : 7146.4/8

-50.147+/-0.037 χ^2/NDF : 15459.5/12

-50.726+/-0.039 χ^2/NDF : 14024.6/11

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 12.056+/-0.310 χ^2/NDF : 116.5/3

Left Out: 21.002+/-0.254 χ^2/NDF : 688.1/9

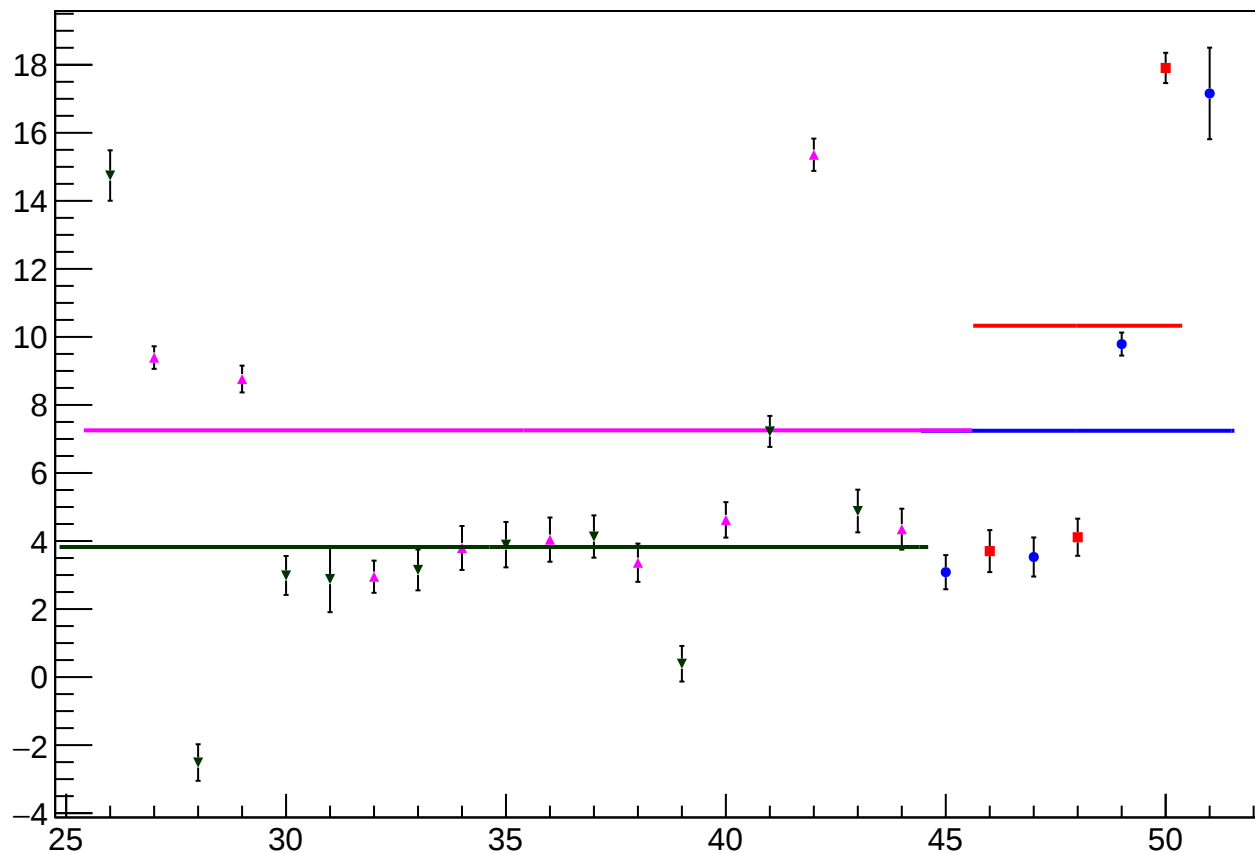
Right Out: 11.631+/-0.387 χ^2/NDF : 108.2/2

Left In: 19.023+/-0.223 χ^2/NDF : 1636.4/8

17.413+/-0.196 χ^2/NDF : 1303.9/13

17.177+/-0.193 χ^2/NDF : 2018.7/11

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 7.241 ± 0.248 χ^2/NDF : 221.4/3

Left Out: 3.824 ± 0.189 χ^2/NDF : 462.2/9

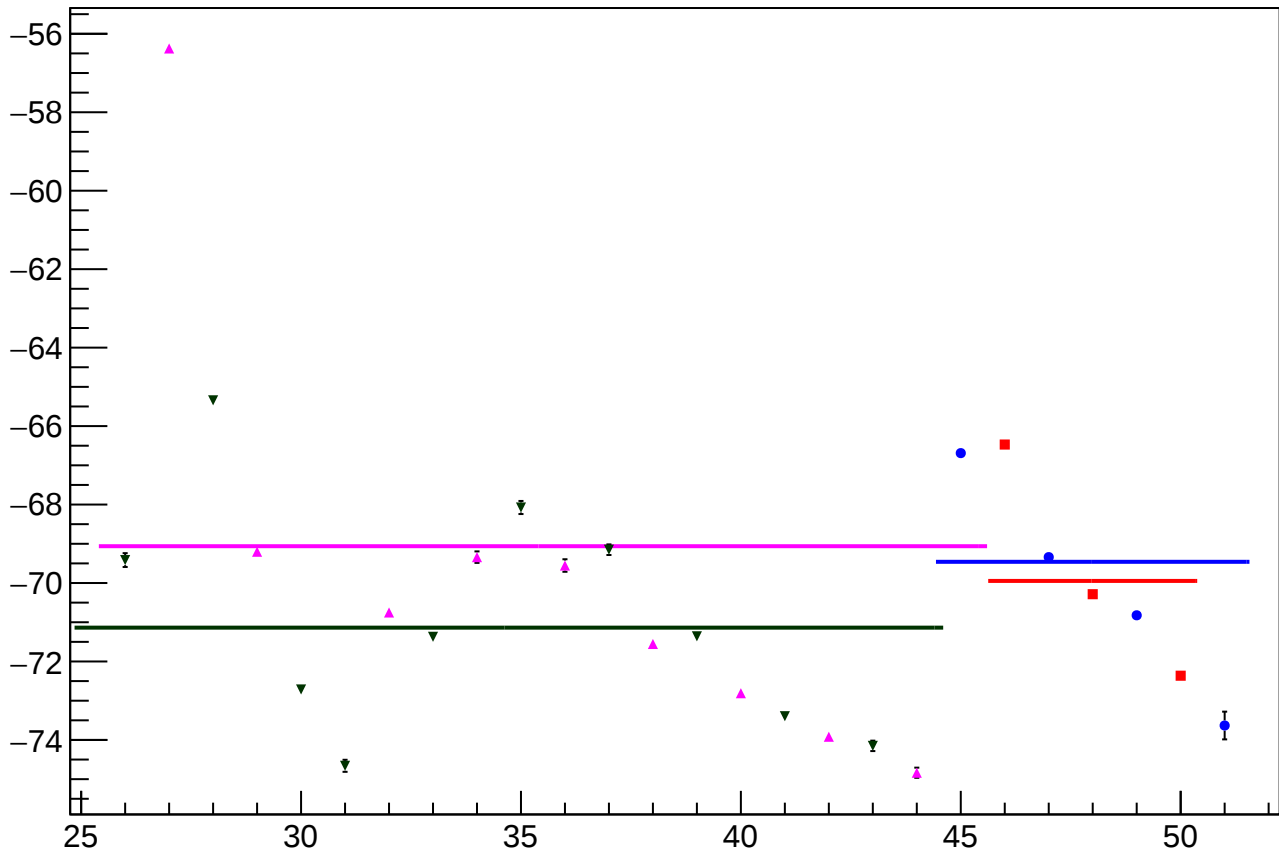
Right Out: 10.329 ± 0.301 χ^2/NDF : 535.0/2

Left In: 7.254 ± 0.160 χ^2/NDF : 580.6/8

5.081 ± 0.150 χ^2/NDF : 804.0/13

7.934 ± 0.142 χ^2/NDF : 1196.9/11

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.459+/-0.057 χ^2/NDF : 1032.0/3

Left Out: -71.138+/-0.042 χ^2/NDF : 4371.0/9

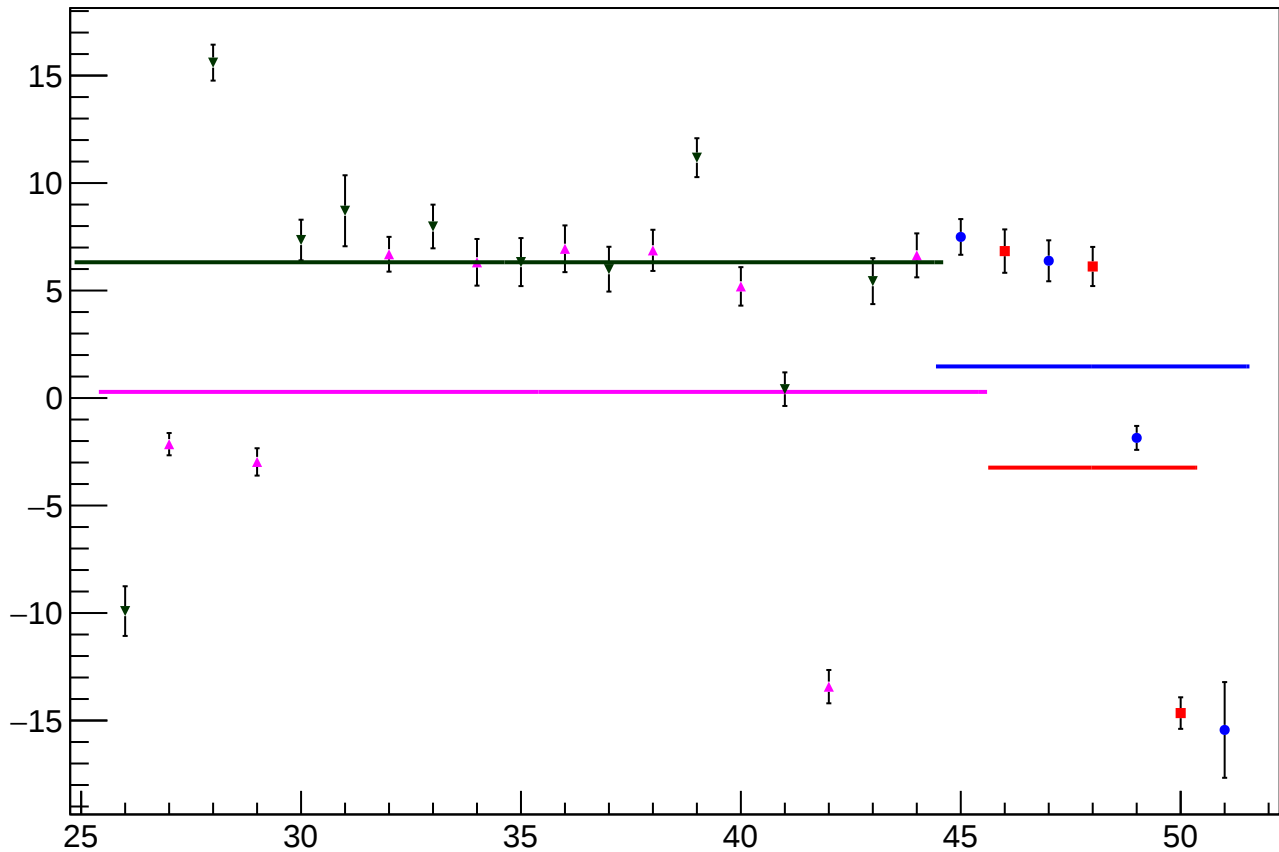
Right Out: -69.947+/-0.069 χ^2/NDF : 1219.0/2

Left In: -69.062+/-0.039 χ^2/NDF : 22618.3/8

-70.555+/-0.034 χ^2/NDF : 5959.3/13

-69.274+/-0.034 χ^2/NDF : 23963.6/11

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 1.470 ± 0.409 $\chi^2/\text{NDF}: 172.5/3$

Left Out: 6.316 ± 0.315 $\chi^2/\text{NDF}: 413.3/9$

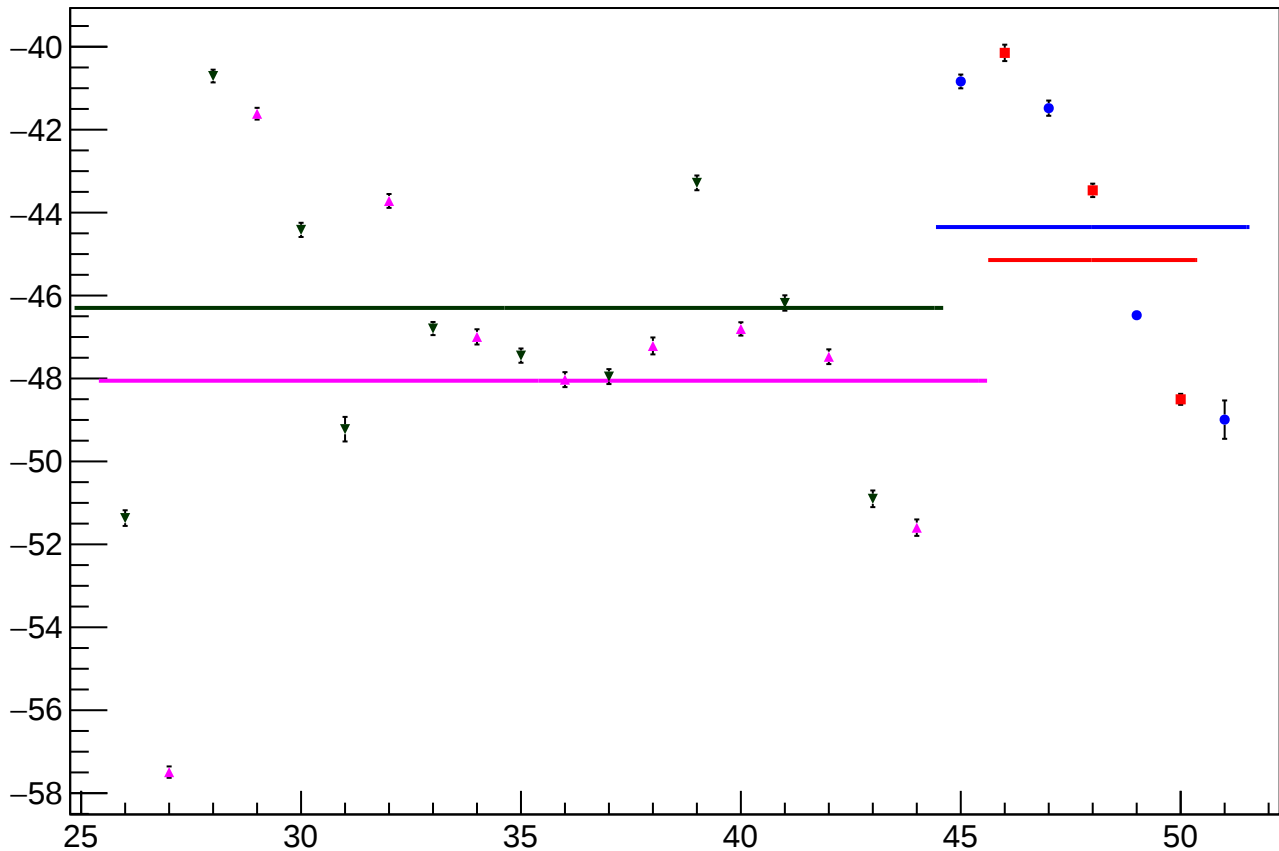
Right Out: -3.237 ± 0.497 $\chi^2/\text{NDF}: 447.0/2$

Left In: 0.285 ± 0.264 $\chi^2/\text{NDF}: 608.0/8$

4.513 ± 0.249 $\chi^2/\text{NDF}: 674.0/13$

-0.488 ± 0.233 $\chi^2/\text{NDF}: 1094.2/11$

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.348 ± 0.079 χ^2/NDF : 1193.7/3

Left Out: -46.298 ± 0.057 χ^2/NDF : 3214.3/9

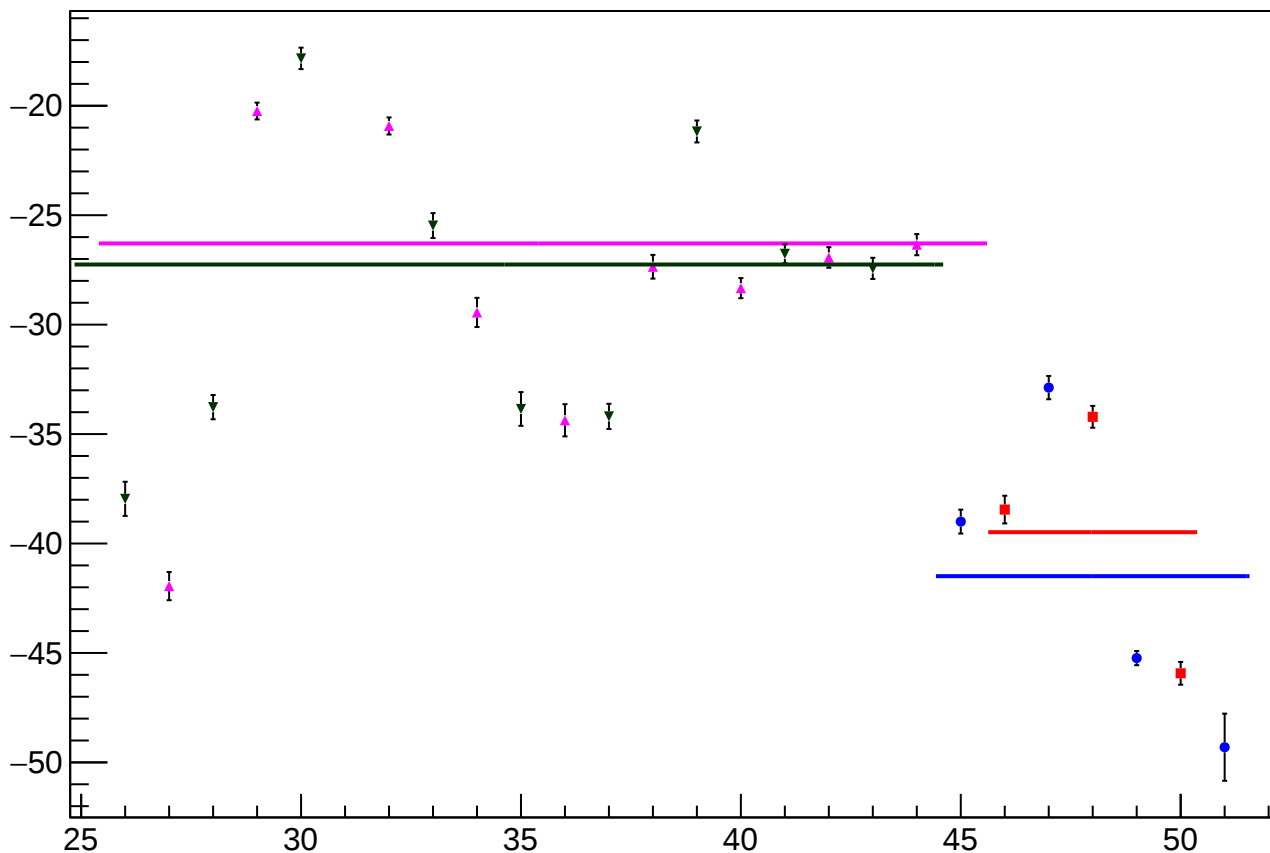
Right Out: -45.144 ± 0.091 χ^2/NDF : 1388.8/2

Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-45.629 ± 0.046 χ^2/NDF : 4807.1/13

-47.254 ± 0.048 χ^2/NDF : 10043.2/11

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -41.492 ± 0.244 $\chi^2/\text{NDF}: 441.9/3$

Left Out: -27.253 ± 0.181 $\chi^2/\text{NDF}: 1073.0/8$

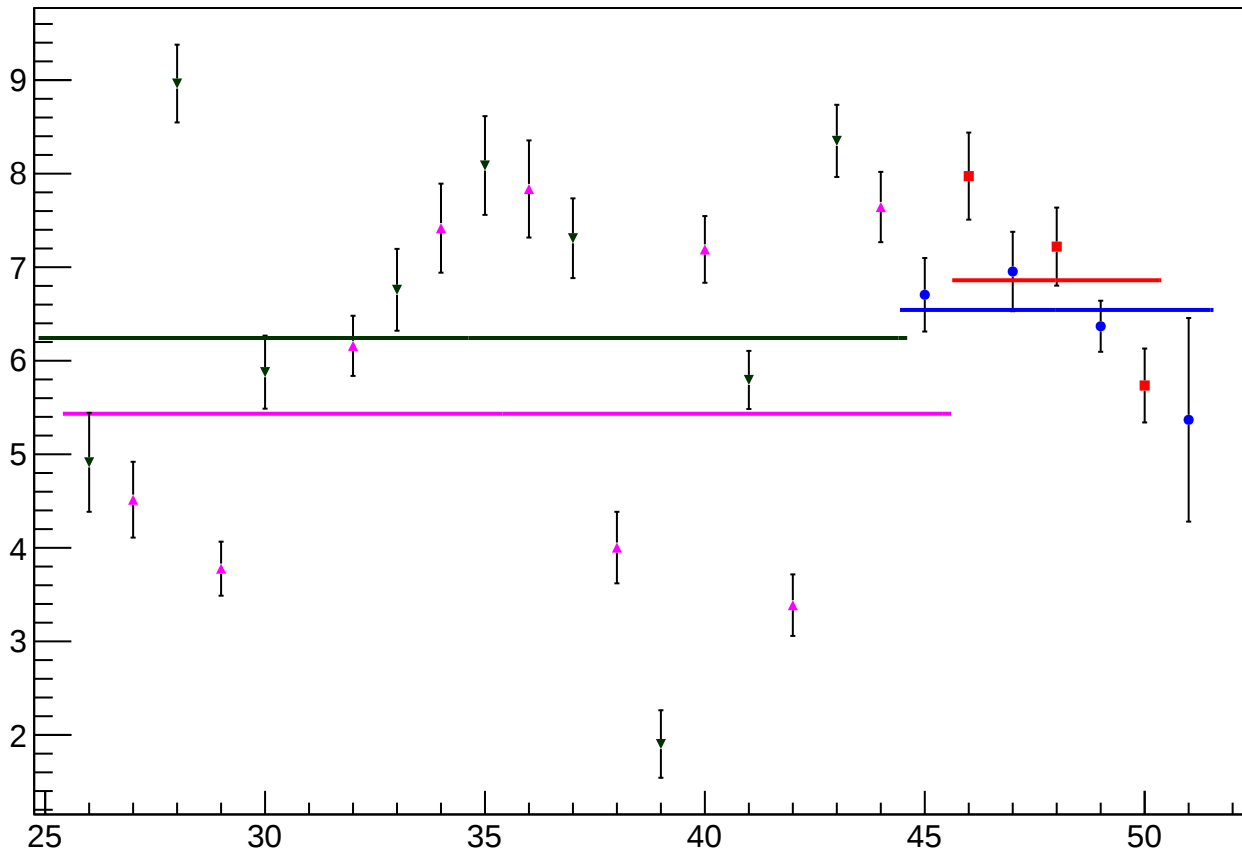
Right Out: -39.482 ± 0.313 $\chi^2/\text{NDF}: 267.5/2$

Left In: -26.289 ± 0.165 $\chi^2/\text{NDF}: 1194.5/8$

-32.307 ± 0.145 $\chi^2/\text{NDF}: 3711.1/12$

-29.155 ± 0.146 $\chi^2/\text{NDF}: 2851.5/11$

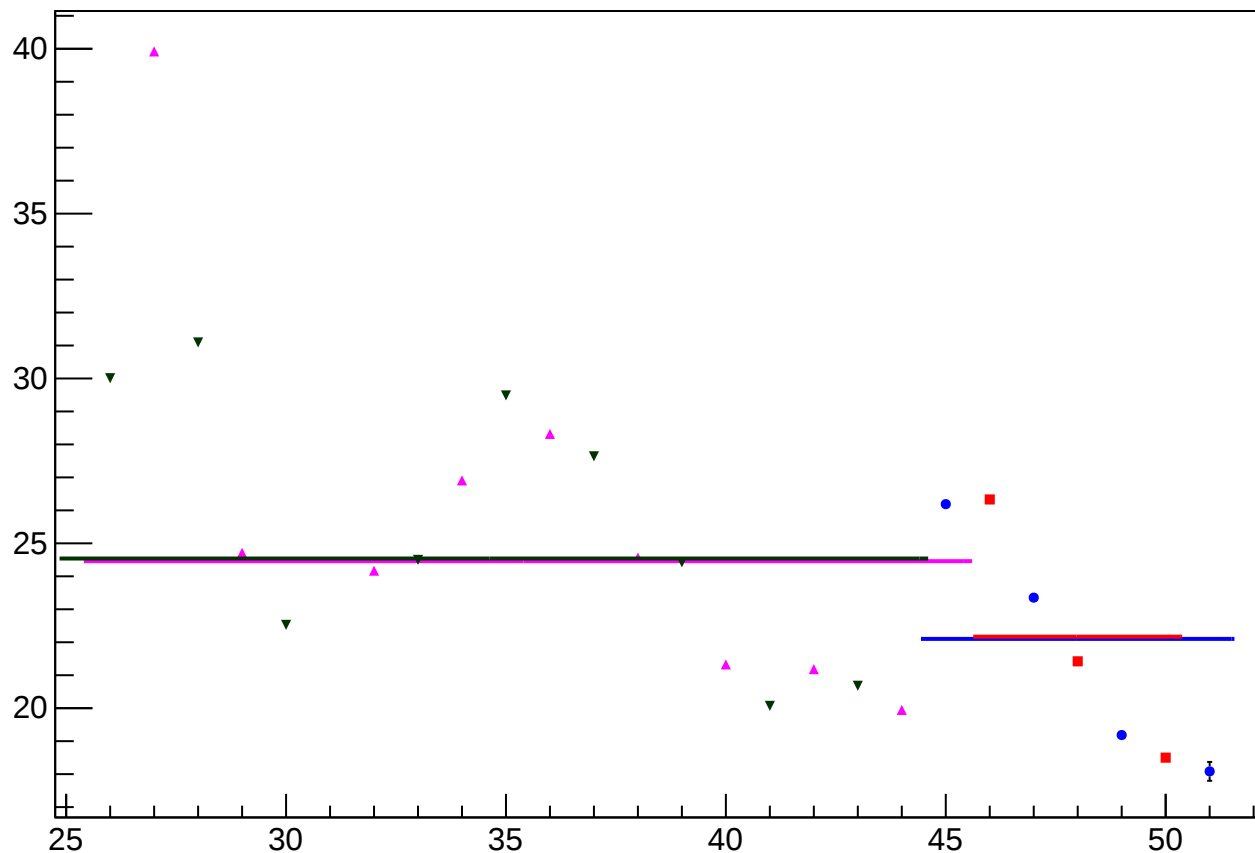
reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.543 $\pm$ 0.195 χ^2/NDF : 2.7/3
 Left Out: 6.243 $\pm$ 0.135 χ^2/NDF :246.4/8
 Right Out: 6.860 $\pm$ 0.244 χ^2/NDF : 14.6/2
 Left In: 5.433 $\pm$ 0.122 χ^2/NDF :193.5/8

6.340 $\pm$ 0.111 χ^2/NDF : 250.6/12
 5.719 $\pm$ 0.109 χ^2/NDF : 235.4/11

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 22.102 ± 0.045 $\chi^2/\text{NDF}: 4505.8/3$

Left Out: 24.539 ± 0.030 $\chi^2/\text{NDF}: 15395.0/8$

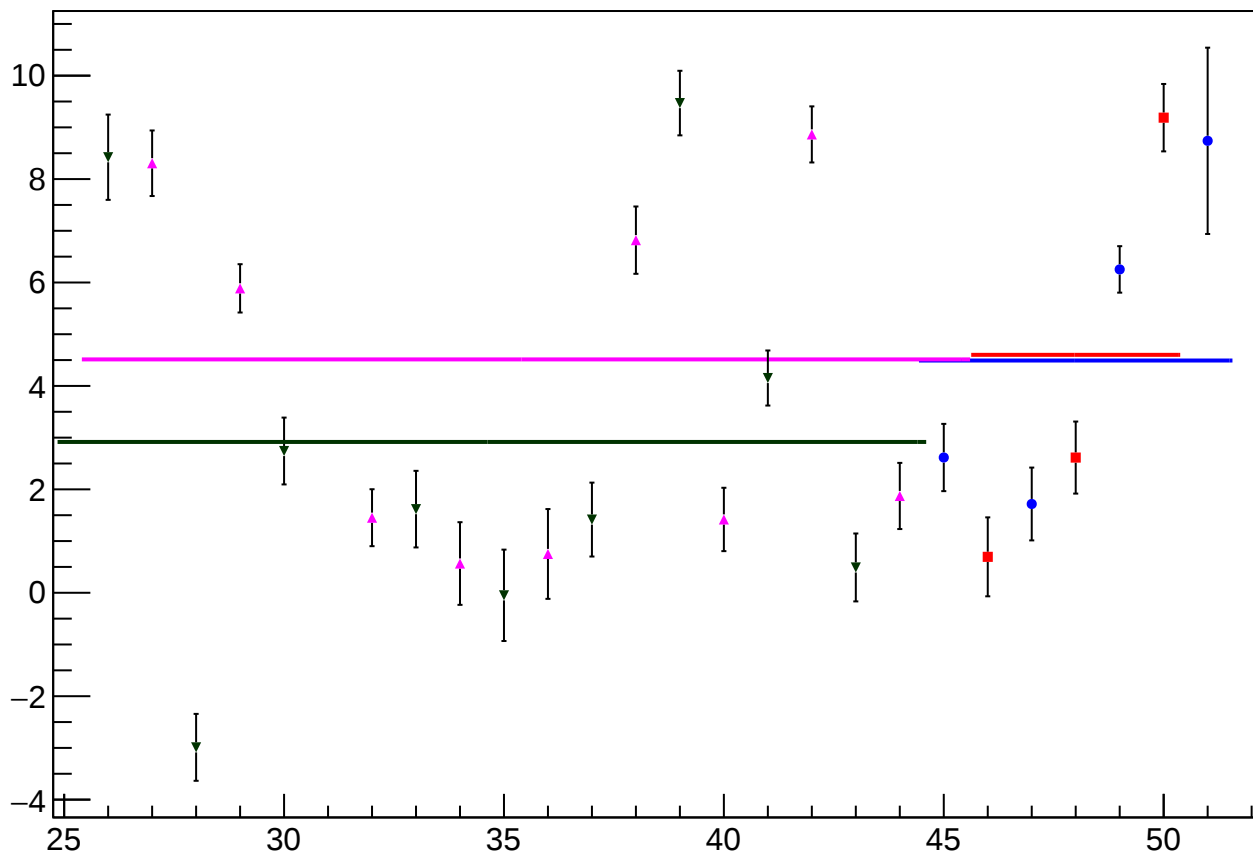
Right Out: 22.169 ± 0.055 $\chi^2/\text{NDF}: 3324.5/2$

Left In: 24.459 ± 0.028 $\chi^2/\text{NDF}: 26092.7/8$

23.785 ± 0.025 $\chi^2/\text{NDF}: 21922.6/12$

23.980 ± 0.025 $\chi^2/\text{NDF}: 30798.3/11$

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 4.491+/-0.322 χ^2/NDF : 44.8/3

Left Out: 2.917+/-0.225 χ^2/NDF :276.0/8

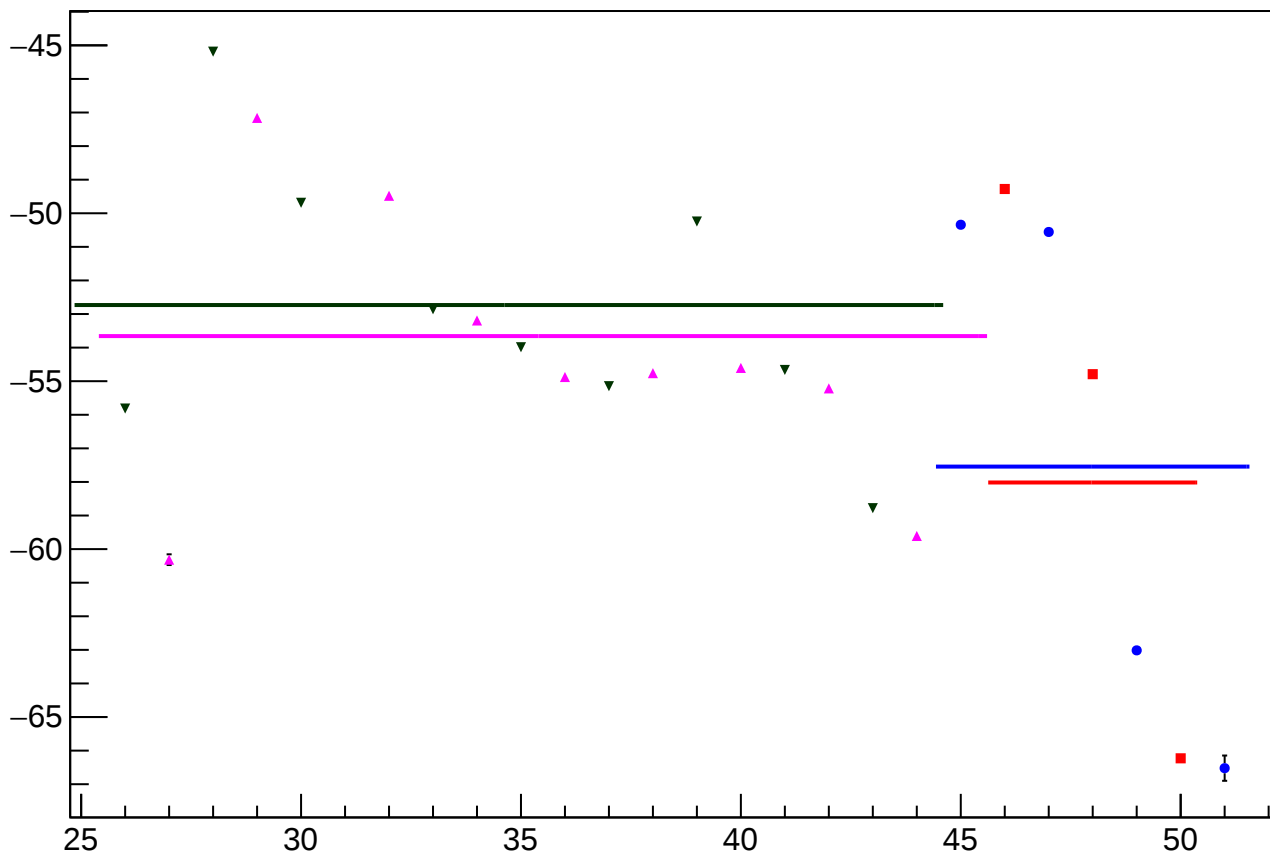
Right Out: 4.601+/-0.404 χ^2/NDF : 83.8/2

Left In: 4.513+/-0.204 χ^2/NDF :238.0/8

3.434+/-0.185 χ^2/NDF : 336.8/12

4.531+/-0.182 χ^2/NDF : 321.9/11

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.543 ± 0.063 χ^2/NDF : 10337.1/3

Left Out: -52.733 ± 0.041 χ^2/NDF : 8744.9/8

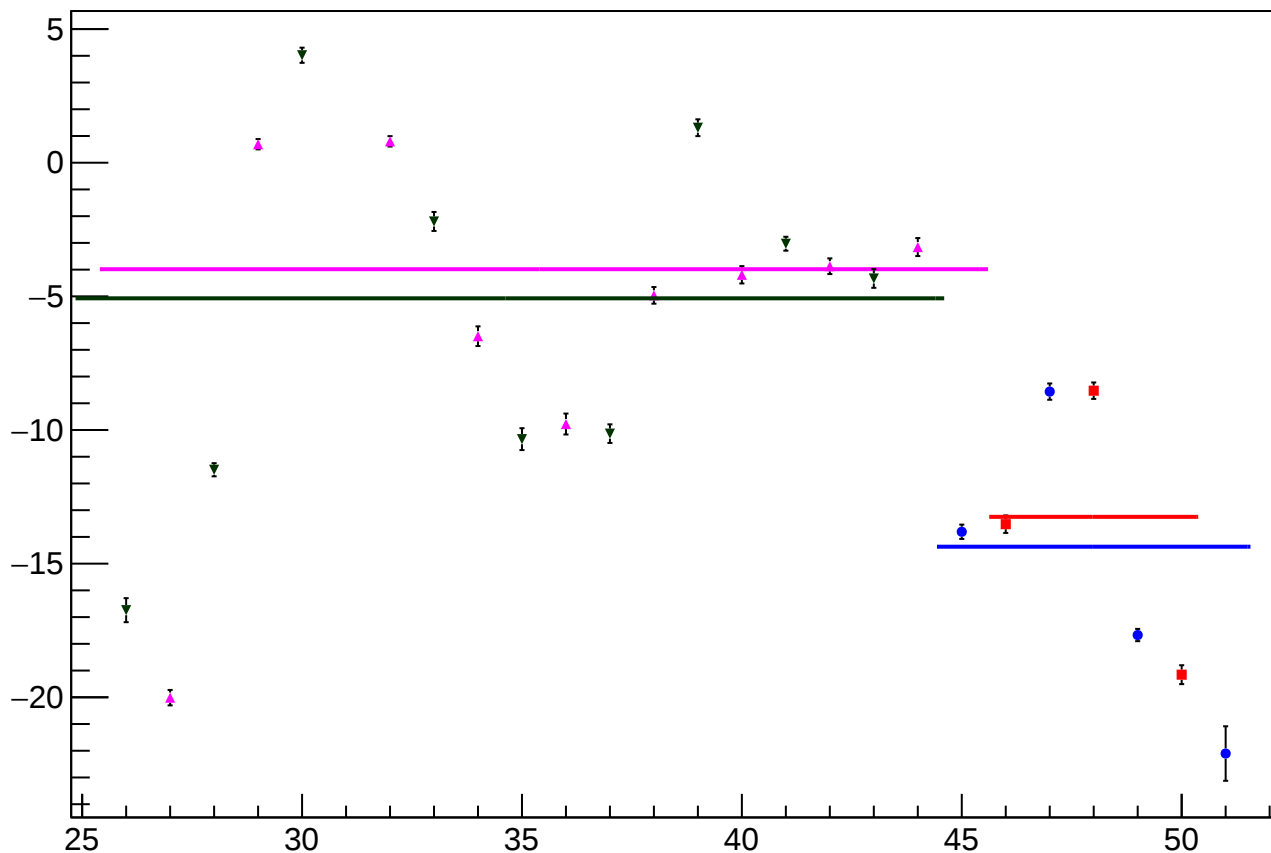
Right Out: -58.016 ± 0.075 χ^2/NDF : 8922.4/2

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-54.191 ± 0.034 χ^2/NDF : 23207.0/12

-54.693 ± 0.036 χ^2/NDF : 21099.6/11

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -14.366±/0.150 χ^2/NDF : 631.8/3

Left Out: -5.073±/0.106 χ^2/NDF :3297.3/8

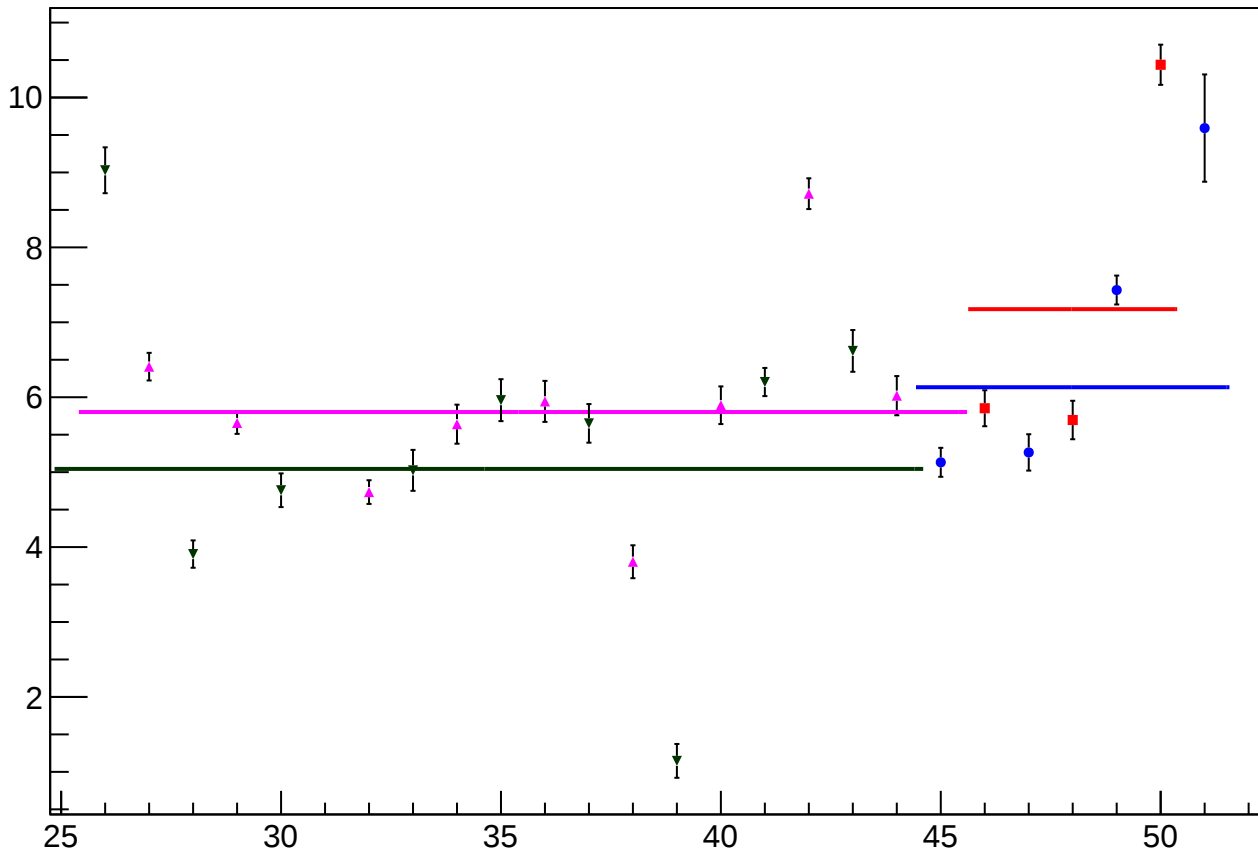
Right Out: -13.249±/0.189 χ^2/NDF : 515.7/2

Left In: -3.984±/0.091 χ^2/NDF :4557.3/8

-8.175±/0.087 χ^2/NDF : 6493.5/12

-5.740±/0.082 χ^2/NDF : 7016.2/11

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 6.133 ± 0.117 χ^2/NDF : 108.3/3

Left Out: 5.043 ± 0.078 χ^2/NDF : 594.0/8

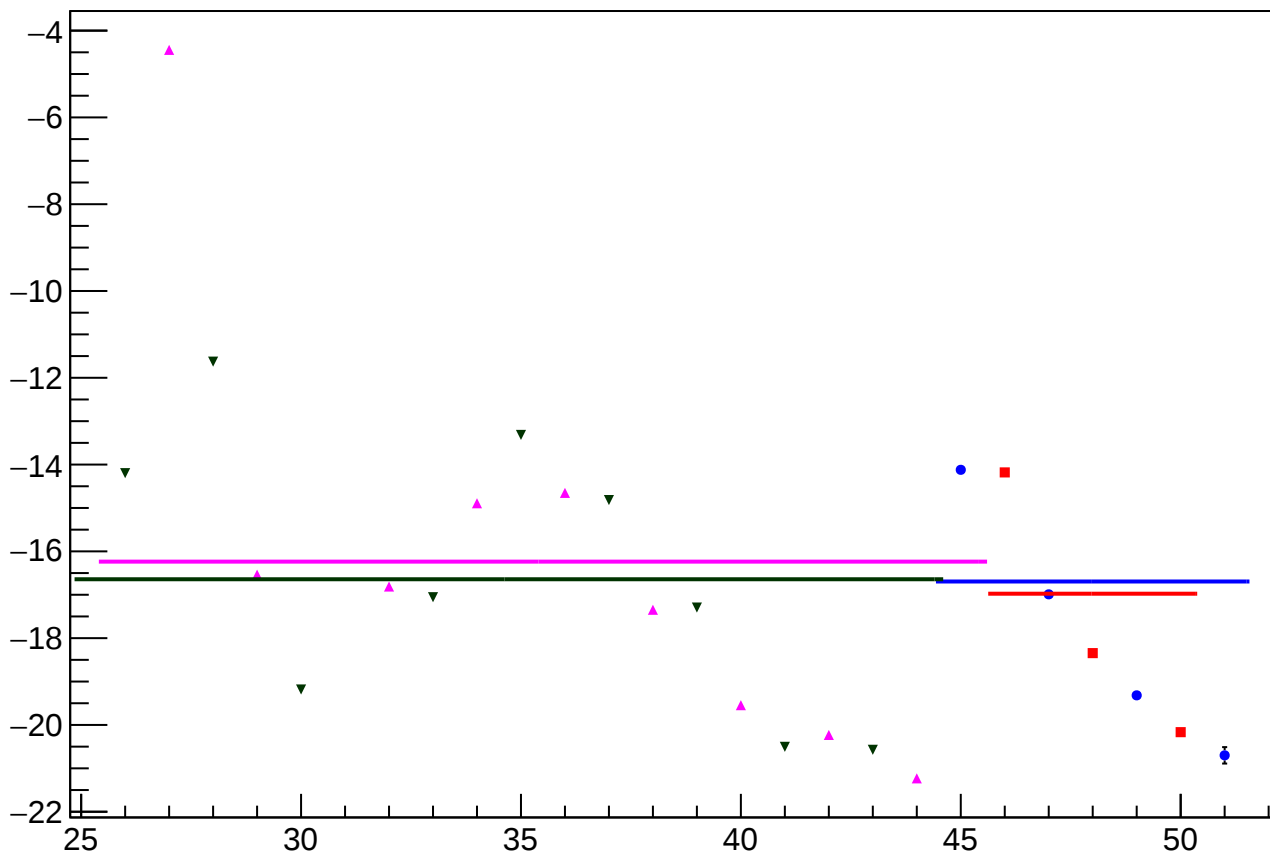
Right Out: 7.175 ± 0.147 χ^2/NDF : 211.6/2

Left In: 5.803 ± 0.067 χ^2/NDF : 343.0/8

5.380 ± 0.065 χ^2/NDF : 761.9/12

6.042 ± 0.061 χ^2/NDF : 626.8/11

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -16.694 ± 0.027 χ^2/NDF : 7168.0/3

Left Out: -16.643 ± 0.018 χ^2/NDF : 32975.5/8

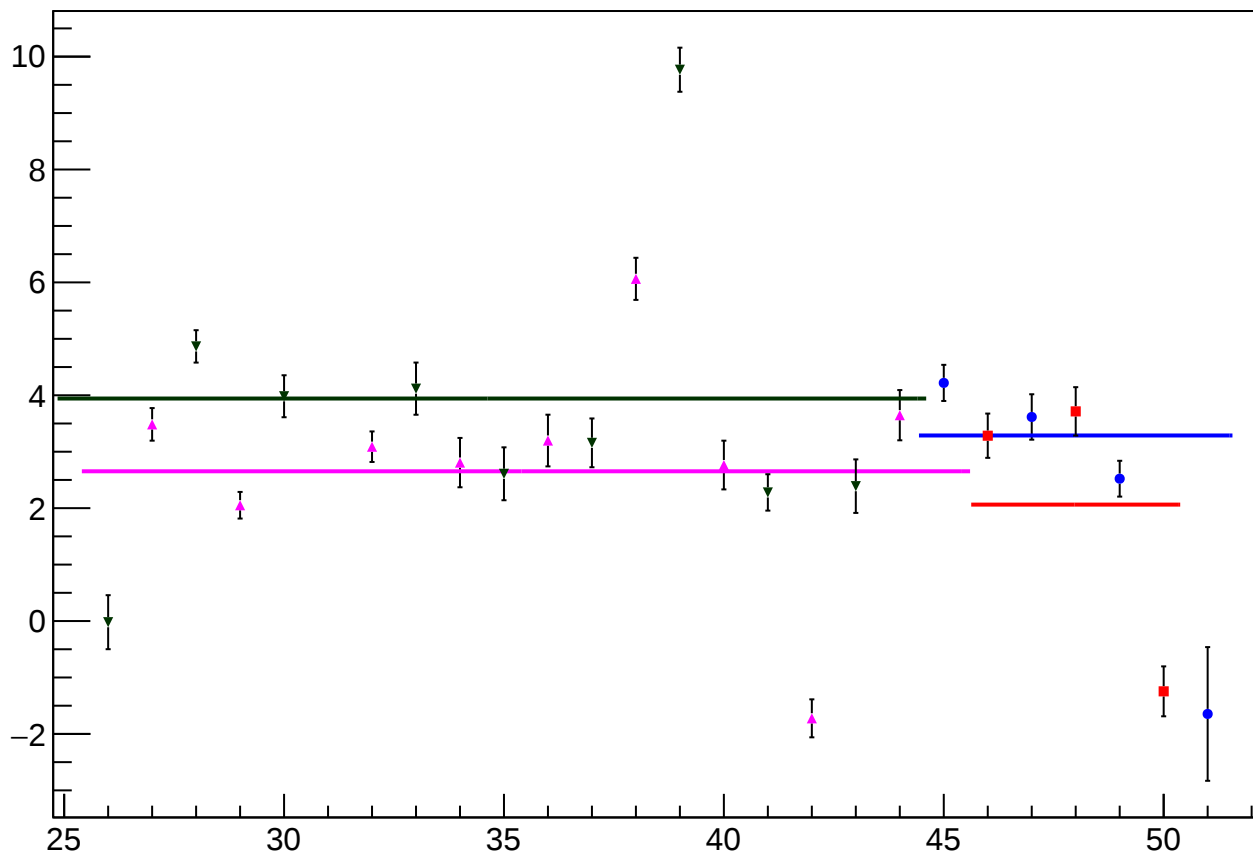
Right Out: -16.976 ± 0.032 χ^2/NDF : 6025.0/2

Left In: -16.237 ± 0.016 χ^2/NDF : 73670.4/8

-16.659 ± 0.015 χ^2/NDF : 40146.1/12

-16.375 ± 0.014 χ^2/NDF : 80118.9/11

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.288+/-0.194 χ^2/NDF : 32.3/3

Left Out: 3.942+/-0.130 χ^2/NDF : 350.2/8

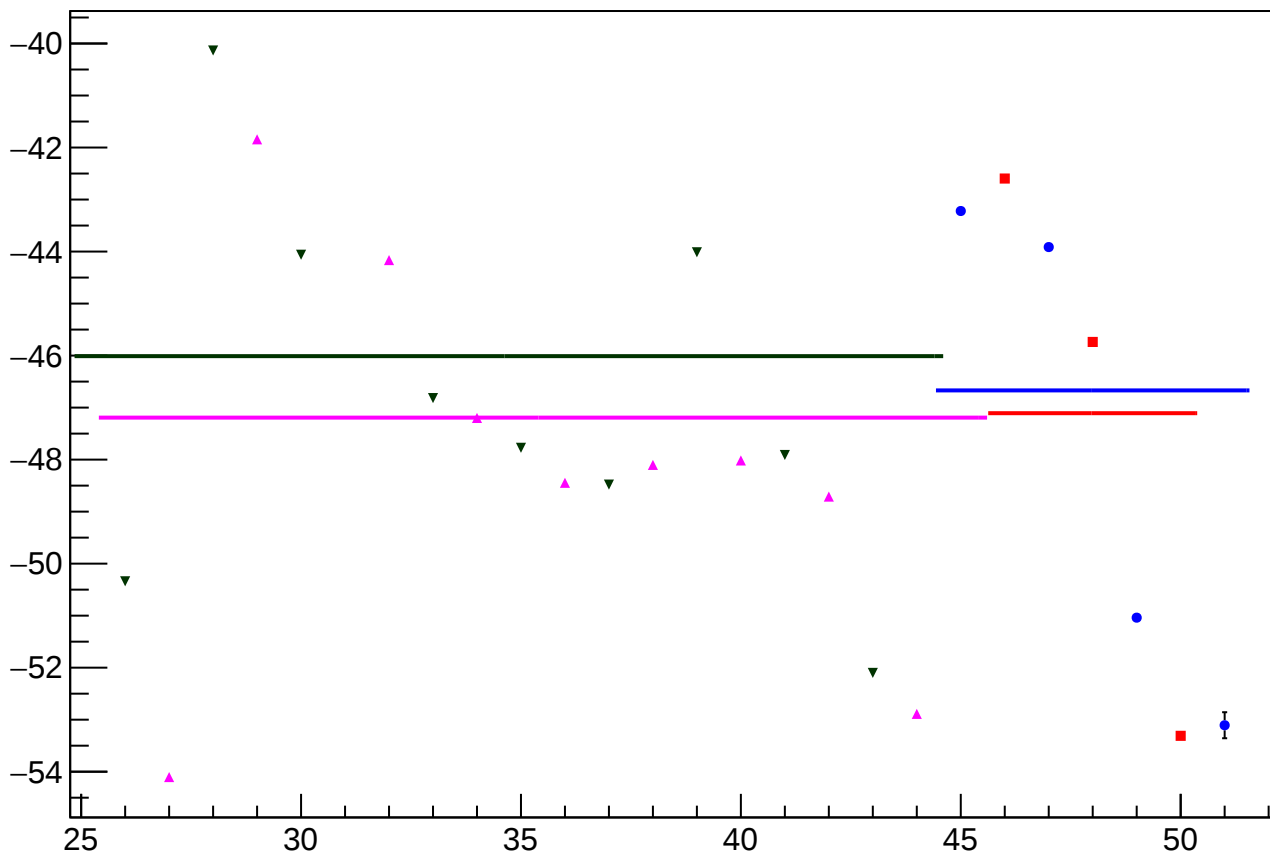
Right Out: 2.063+/-0.242 χ^2/NDF : 80.5/2

Left In: 2.653+/-0.112 χ^2/NDF : 276.7/8

3.739+/-0.108 χ^2/NDF : 390.4/12

2.550+/-0.101 χ^2/NDF : 362.1/11

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -46.669+/-0.038 χ^2/NDF : 10025.1/3

Left Out: -46.011+/-0.024 χ^2/NDF : 23317.4/8

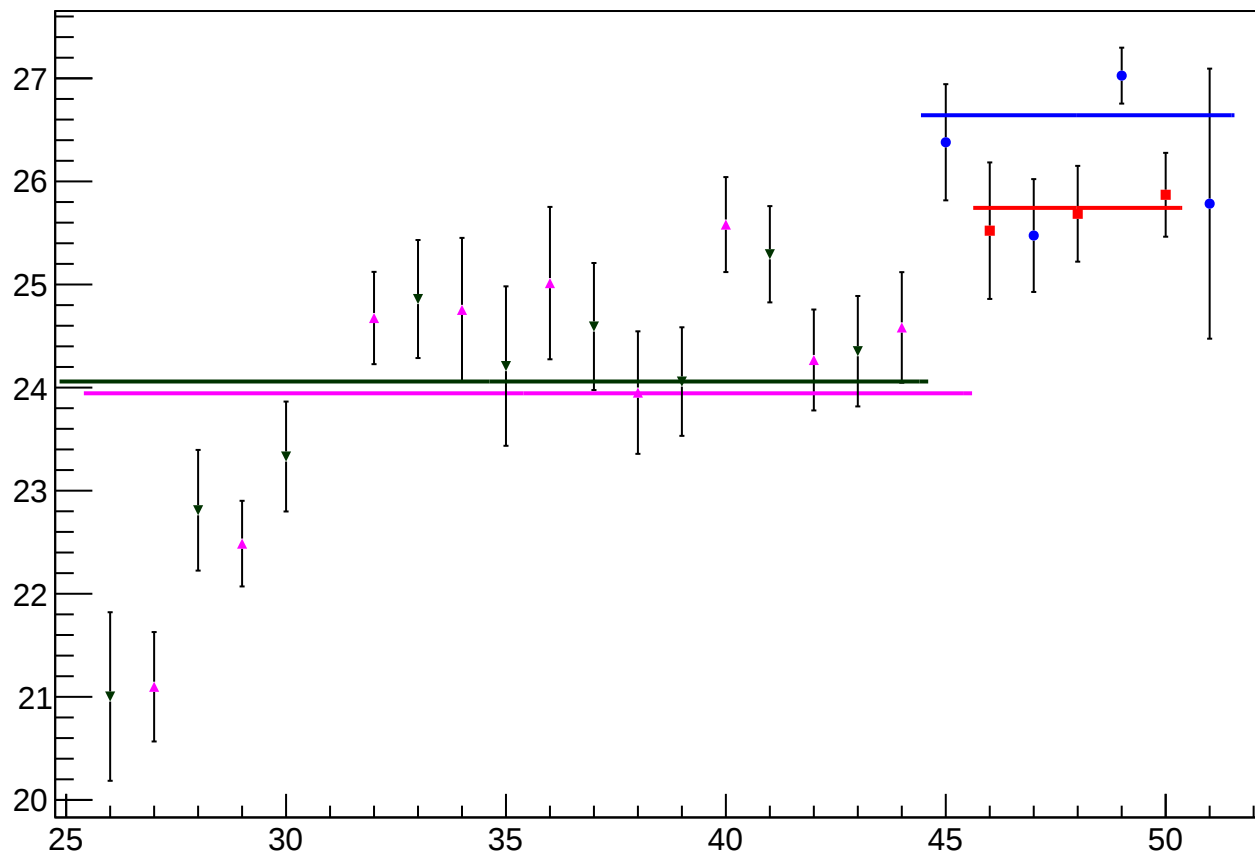
Right Out: -47.107+/-0.046 χ^2/NDF : 9750.0/2

Left In: -47.193+/-0.023 χ^2/NDF : 27380.9/8

-46.200+/-0.020 χ^2/NDF : 33558.2/12

-47.175+/-0.021 χ^2/NDF : 37133.7/11

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.642 $\pm$ 0.220 χ^2 /NDF: 7.2/3

Left Out: 24.059 $\pm$ 0.193 χ^2 /NDF:30.4/8

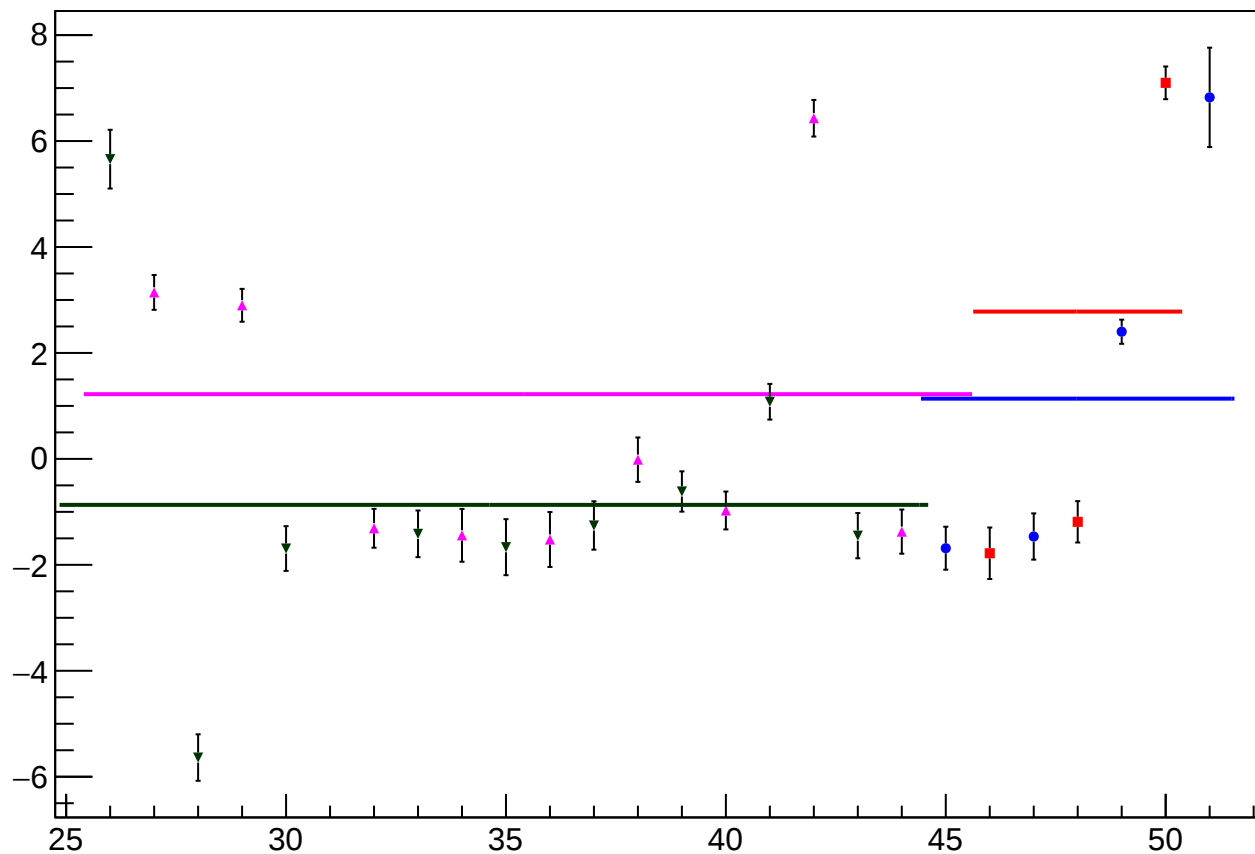
Right Out: 25.743 $\pm$ 0.278 χ^2 /NDF: 0.2/2

Left In: 23.945 $\pm$ 0.173 χ^2 /NDF:61.7/8

25.179 $\pm$ 0.145 χ^2 /NDF: 115.6/12

24.447 $\pm$ 0.147 χ^2 /NDF: 92.1/11

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 1.137 ± 0.177 $\chi^2/\text{NDF}: 151.6/3$

Left Out: -0.868 ± 0.143 $\chi^2/\text{NDF}: 300.9/8$

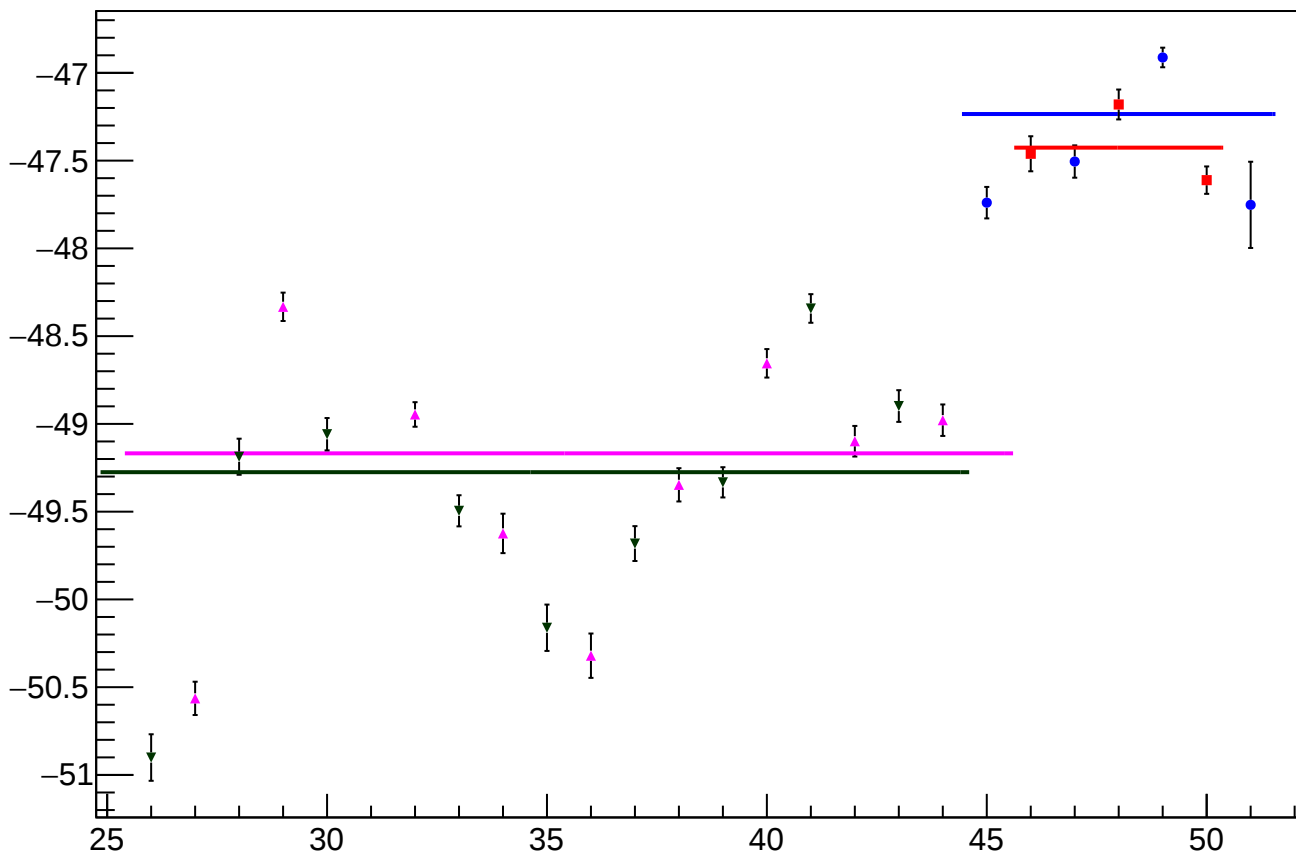
Right Out: 2.780 ± 0.217 $\chi^2/\text{NDF}: 387.2/2$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

-0.078 ± 0.111 $\chi^2/\text{NDF}: 529.8/12$

1.618 ± 0.109 $\chi^2/\text{NDF}: 906.1/11$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.235 $\pm$ 0.042 χ^2/NDF : 78.1/3

Left Out: -49.275 $\pm$ 0.032 χ^2/NDF : 373.5/8

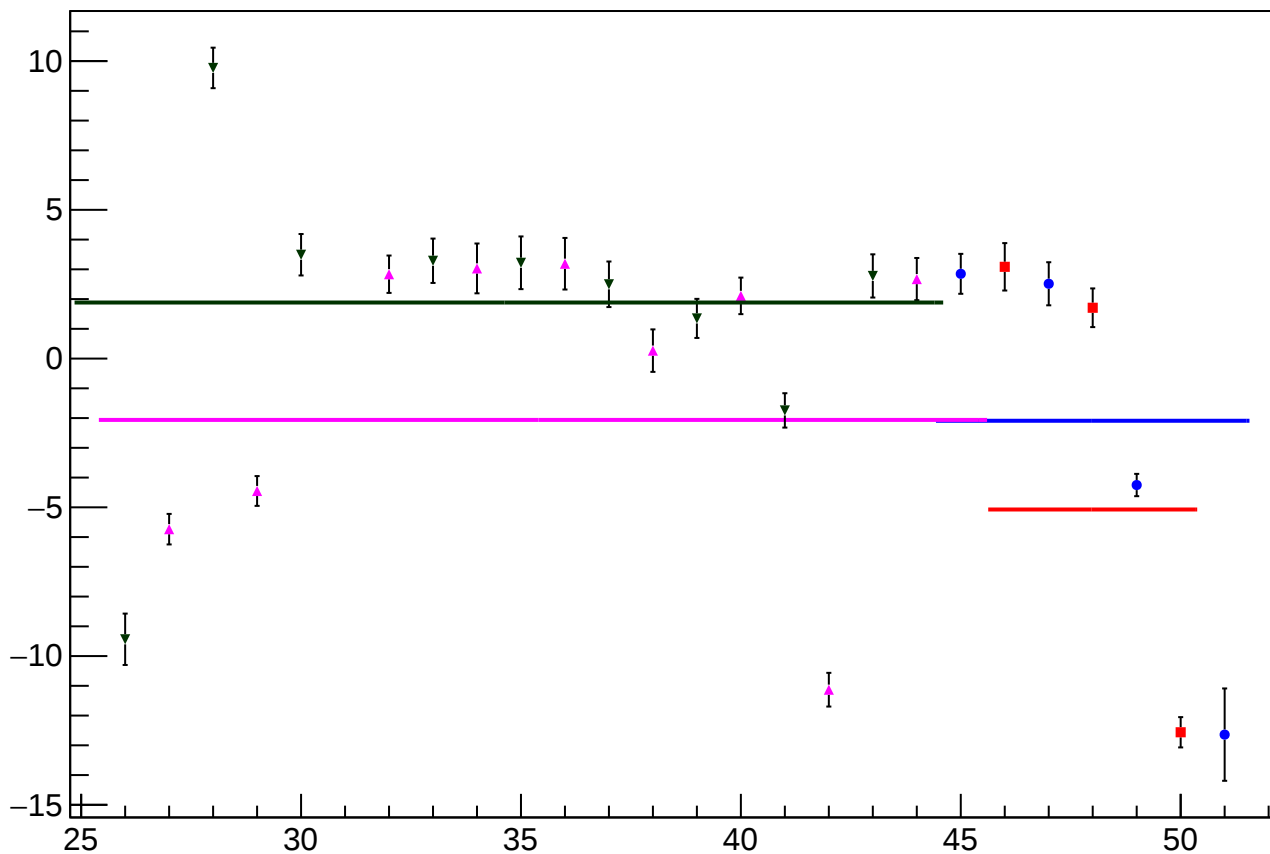
Right Out: -47.426 $\pm$ 0.050 χ^2/NDF : 14.1/2

Left In: -49.168 $\pm$ 0.030 χ^2/NDF : 481.7/8

-48.508 $\pm$ 0.025 χ^2/NDF : 1958.2/12

-48.710 $\pm$ 0.026 χ^2/NDF : 1395.6/11

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -2.090 ± 0.293 χ^2/NDF : 174.0/3

Left Out: 1.884 ± 0.239 χ^2/NDF : 359.4/8

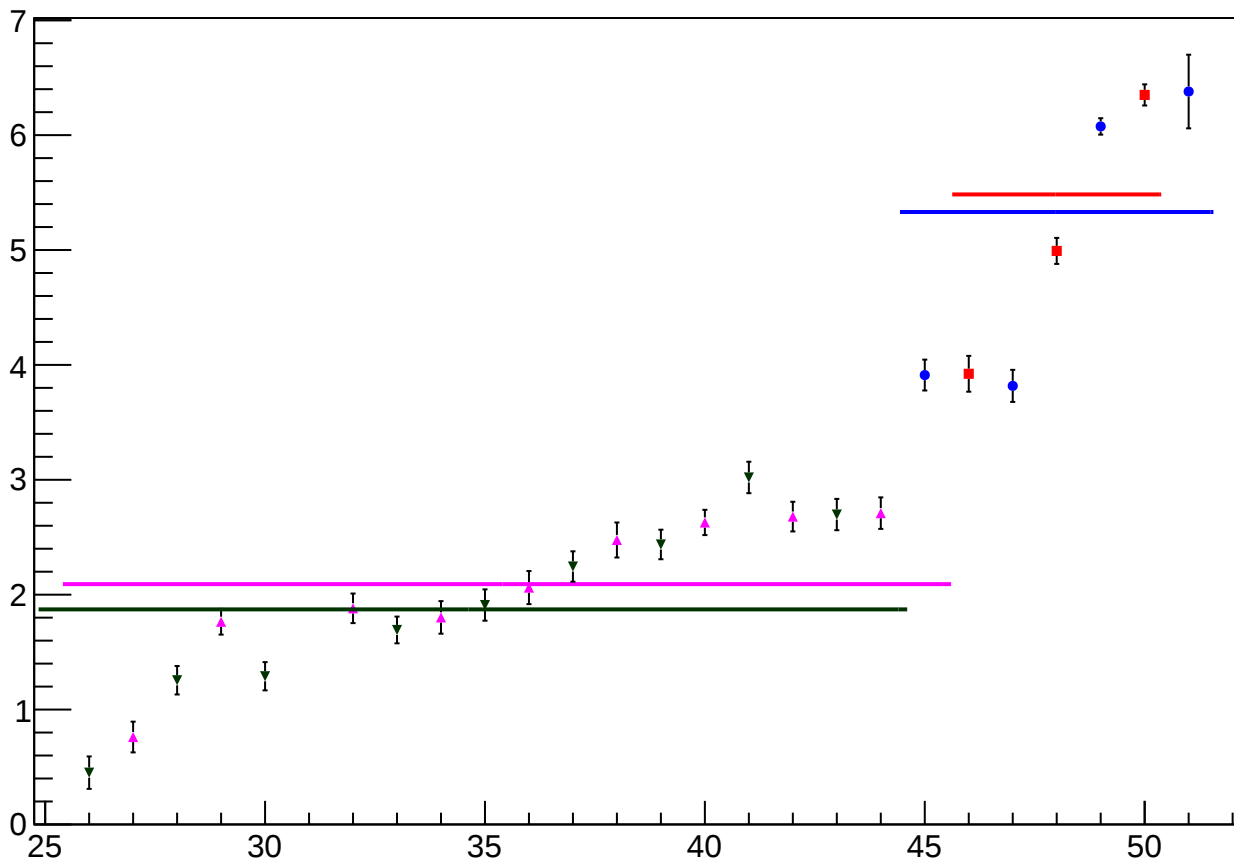
Right Out: -5.073 ± 0.358 χ^2/NDF : 429.8/2

Left In: -2.062 ± 0.209 χ^2/NDF : 565.9/8

0.298 ± 0.185 χ^2/NDF : 644.1/12

-2.829 ± 0.181 χ^2/NDF : 1048.3/11

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.331 ± 0.057 $\chi^2/\text{NDF}: 348.8/3$

Left Out: 1.872 ± 0.043 $\chi^2/\text{NDF}: 285.3/8$

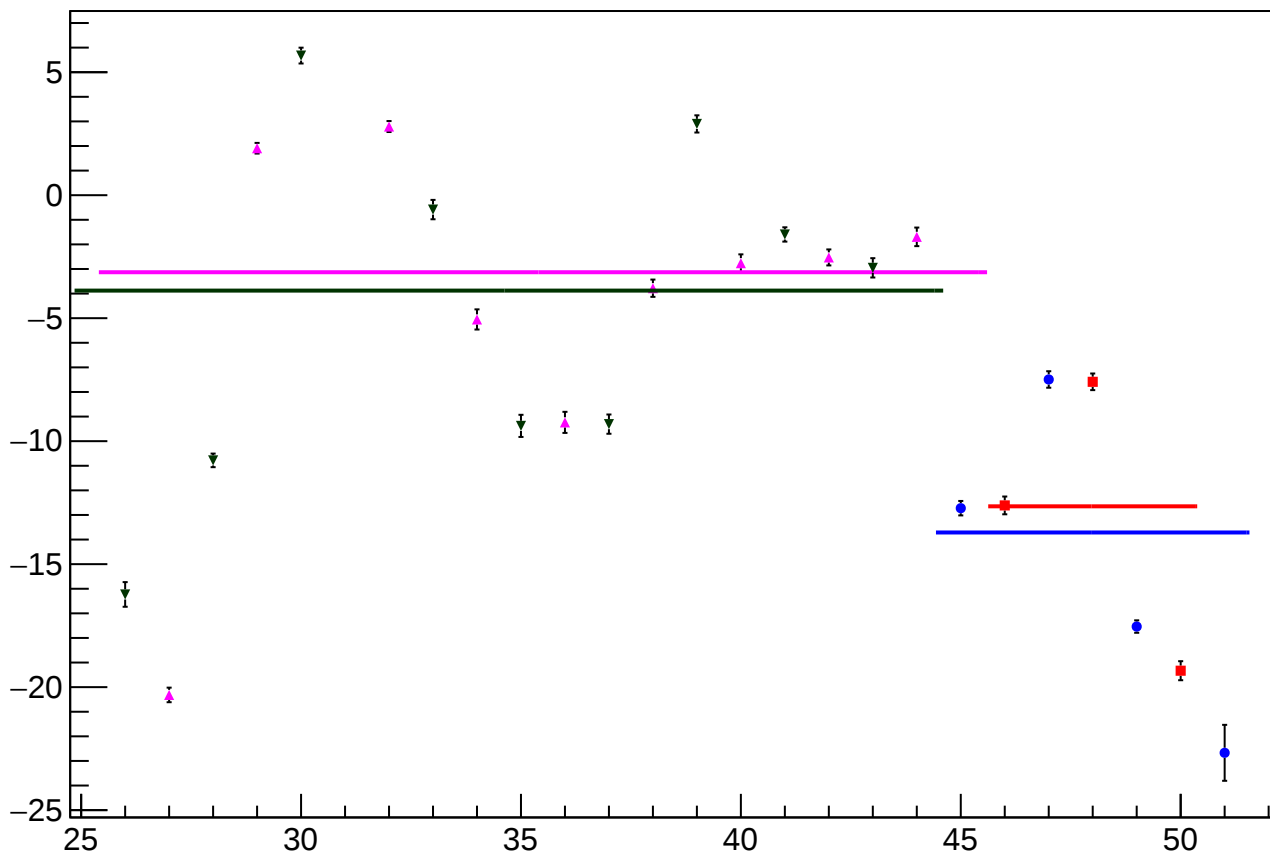
3.149 ± 0.034 $\chi^2/\text{NDF}: 2993.9/12$

Right Out: 5.484 ± 0.065 $\chi^2/\text{NDF}: 207.8/2$

3.137 ± 0.036 $\chi^2/\text{NDF}: 2283.1/11$

Left In: 2.092 ± 0.043 $\chi^2/\text{NDF}: 185.6/8$

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -13.712 ± 0.165 $\chi^2/\text{NDF}: 646.2/3$

Left Out: -3.879 ± 0.119 $\chi^2/\text{NDF}: 2969.1/8$

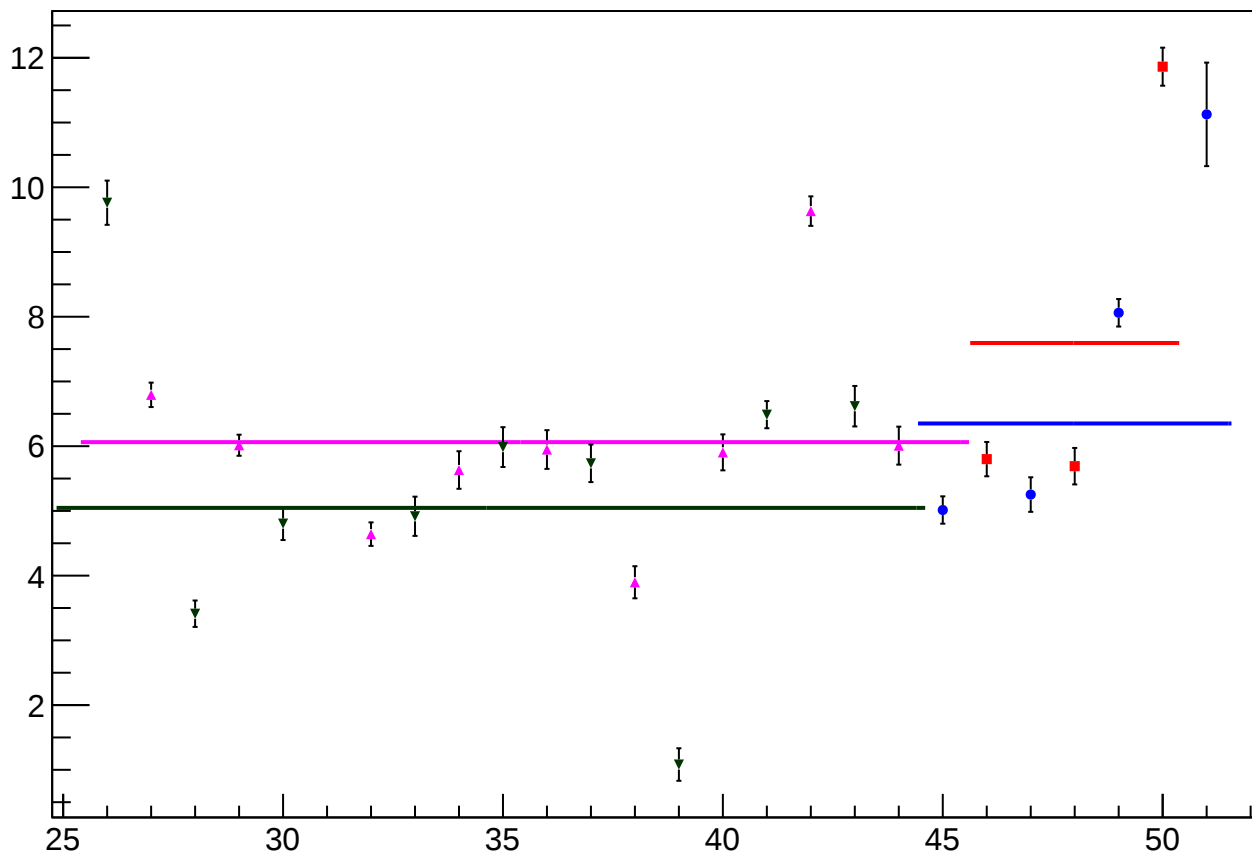
Right Out: -12.649 ± 0.208 $\chi^2/\text{NDF}: 523.1/2$

Left In: -3.132 ± 0.102 $\chi^2/\text{NDF}: 4858.7/8$

-7.237 ± 0.096 $\chi^2/\text{NDF}: 5965.1/12$

-4.969 ± 0.091 $\chi^2/\text{NDF}: 7070.9/11$

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 6.351 ± 0.129 χ^2/NDF : 157.4/3

Left Out: 5.047 ± 0.088 χ^2/NDF : 592.2/8

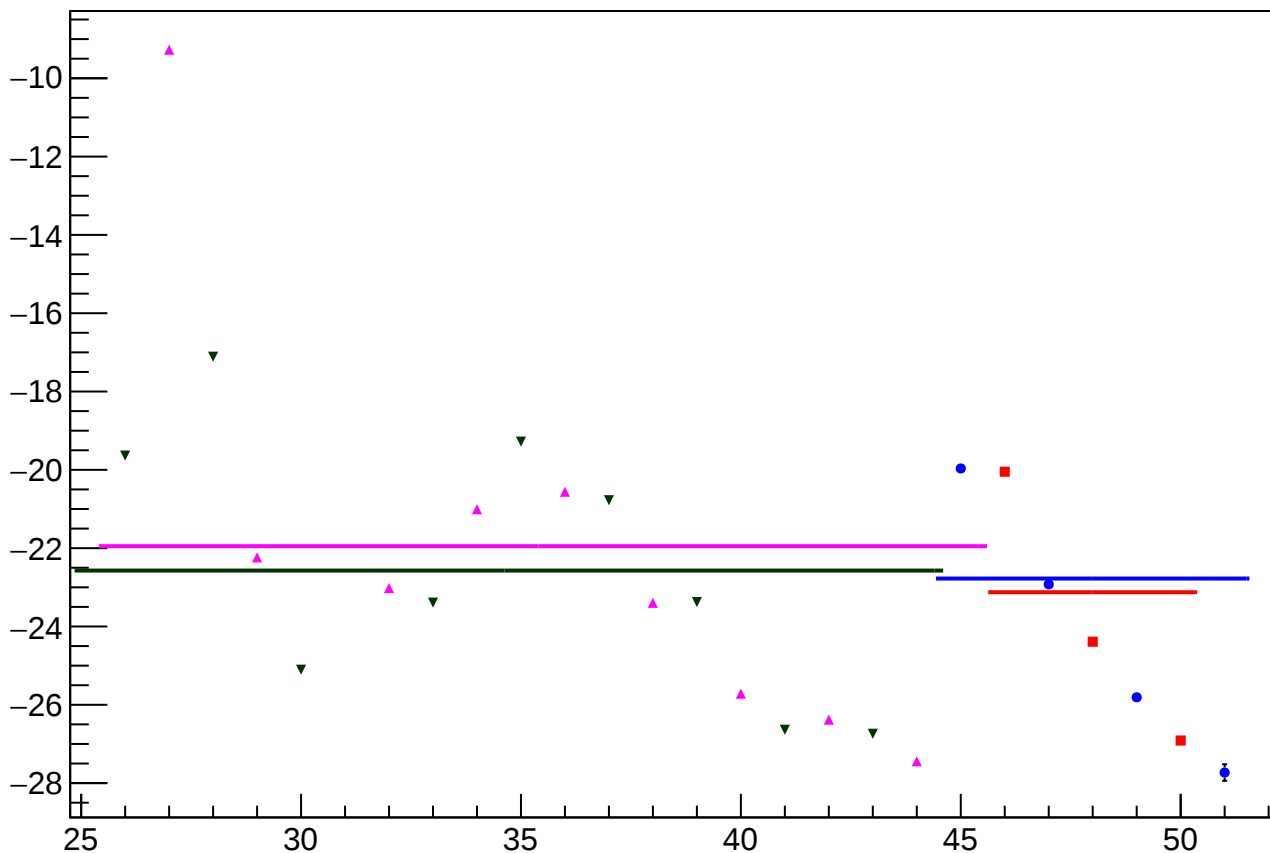
Right Out: 7.594 ± 0.161 χ^2/NDF : 302.6/2

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.459 ± 0.072 χ^2/NDF : 819.5/12

6.333 ± 0.068 χ^2/NDF : 777.4/11

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -22.775 +/- 0.029 χ^2/NDF : 7546.8/3

Left Out: -22.572 +/- 0.020 χ^2/NDF : 29848.4/8

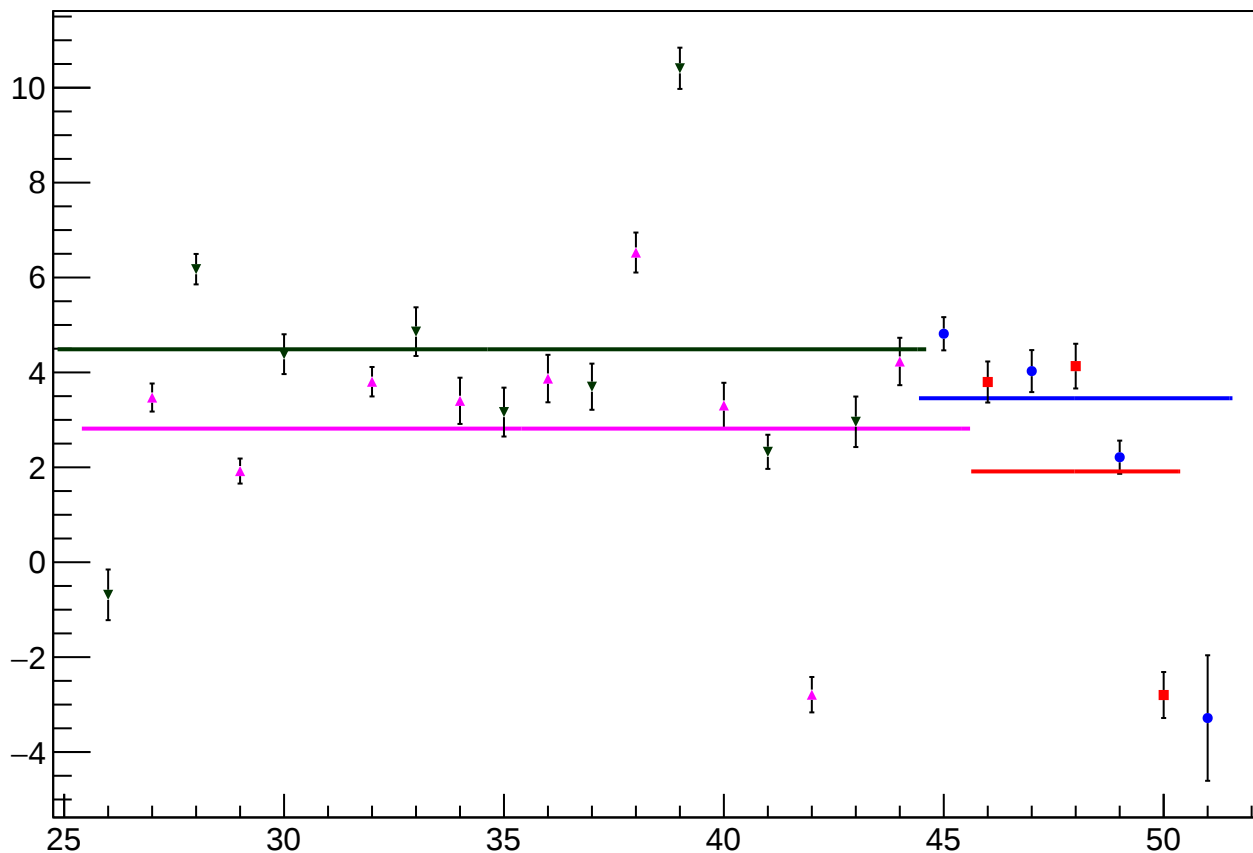
Right Out: -23.125 +/- 0.036 χ^2/NDF : 6211.5/2

Left In: -21.949 +/- 0.017 χ^2/NDF : 78862.5/8

-22.636 +/- 0.016 χ^2/NDF : 37428.2/12

-22.174 +/- 0.016 χ^2/NDF : 85954.2/11

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.456 ± 0.213 χ^2/NDF : 55.4/3

Left Out: 4.488 ± 0.145 χ^2/NDF : 361.4/8

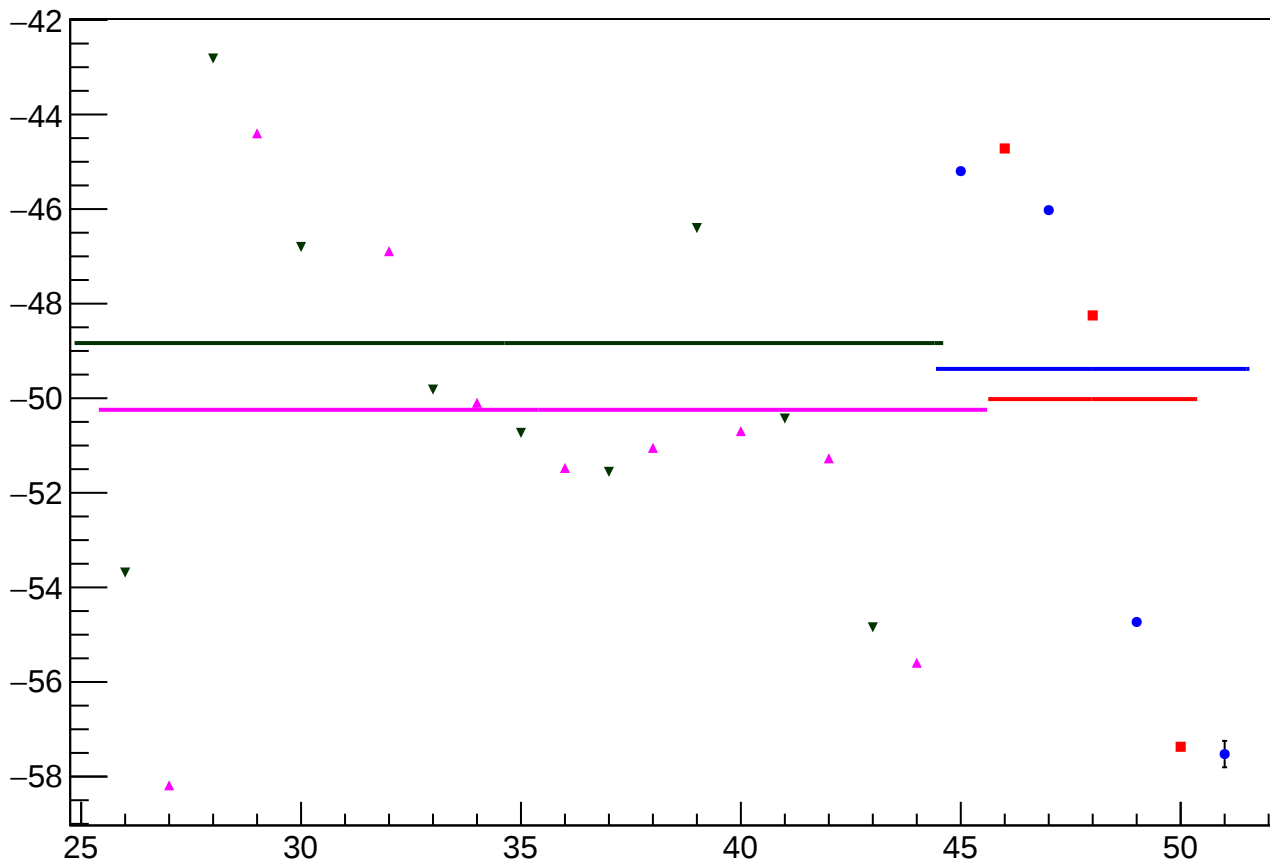
Right Out: 1.914 ± 0.266 χ^2/NDF : 135.7/2

Left In: 2.816 ± 0.123 χ^2/NDF : 345.0/8

4.160 ± 0.120 χ^2/NDF : 432.8/12

2.656 ± 0.112 χ^2/NDF : 490.2/11

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.380 ± 0.042 χ^2/NDF : 12404.6/3

Left Out: -48.833 ± 0.027 χ^2/NDF : 20149.2/8

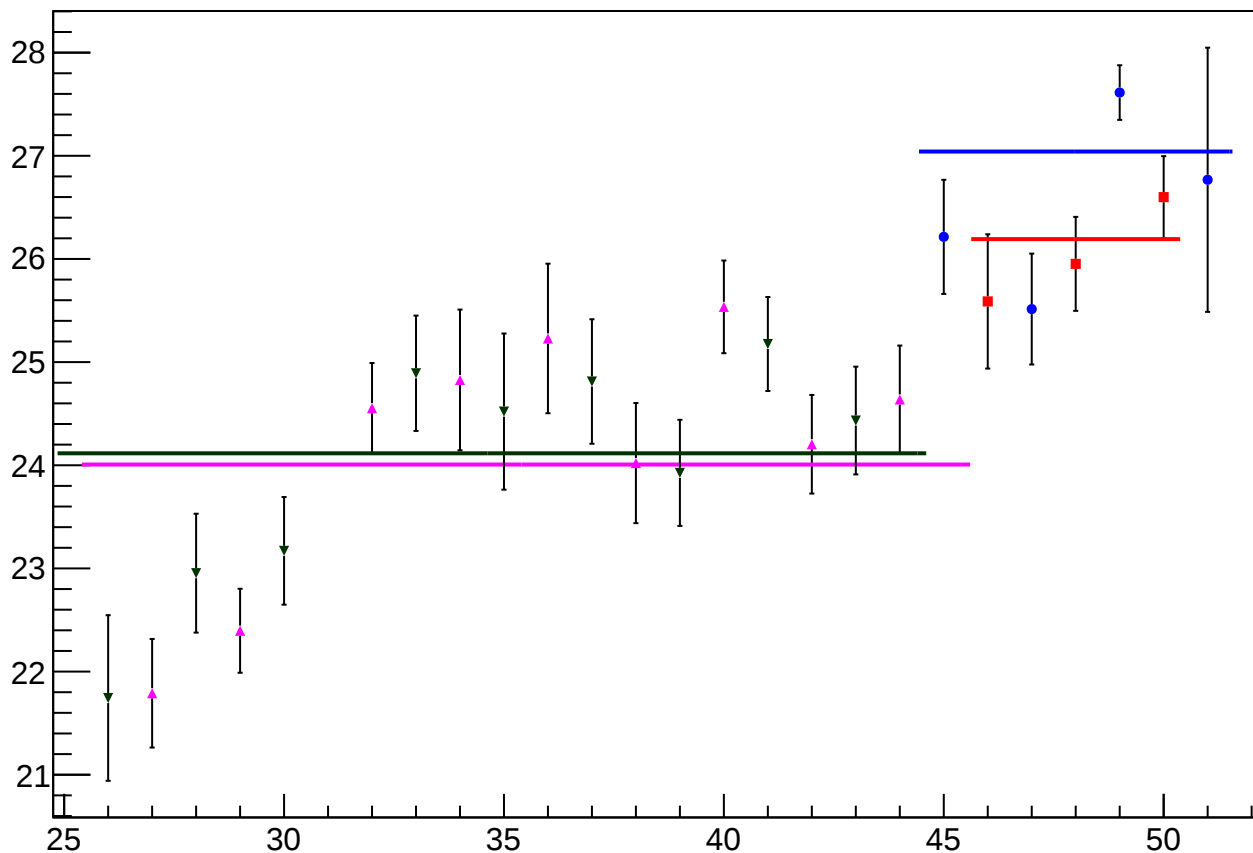
-48.994 ± 0.023 χ^2/NDF : 32675.8/12

Right Out: -50.018 ± 0.050 χ^2/NDF : 11352.3/2

-50.196 ± 0.023 χ^2/NDF : 38618.2/11

Left In: -50.244 ± 0.026 χ^2/NDF : 27249.9/8

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.041 $\pm$ 0.215 χ^2 /NDF: 15.0/3

Left Out: 24.116 $\pm$ 0.188 χ^2 /NDF: 25.5/8

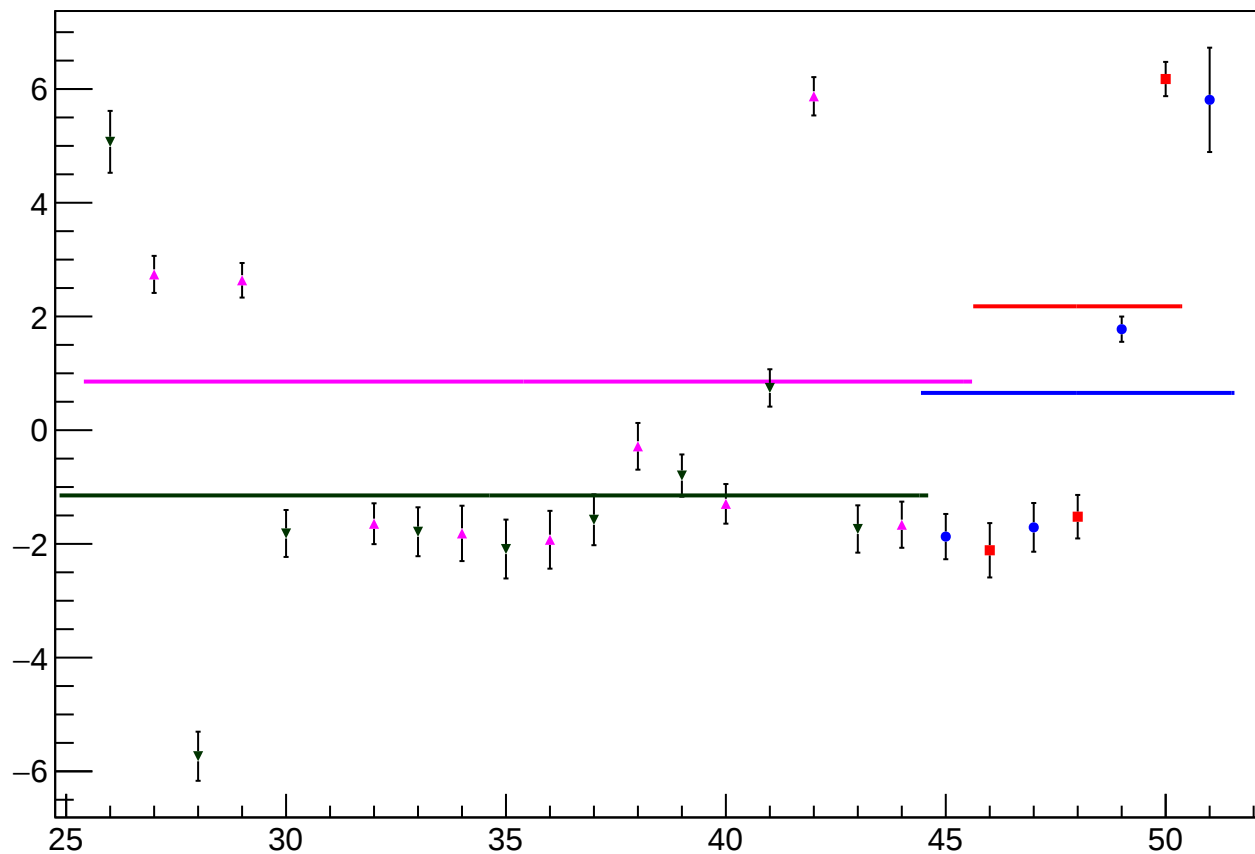
Right Out: 26.192 $\pm$ 0.272 χ^2 /NDF: 2.2/2

Left In: 24.007 $\pm$ 0.169 χ^2 /NDF: 52.5/8

25.385 $\pm$ 0.142 χ^2 /NDF: 145.3/12

24.618 $\pm$ 0.144 χ^2 /NDF: 101.2/11

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.655 ± 0.174 χ^2/NDF : 127.8/3

Left Out: -1.148 ± 0.140 χ^2/NDF : 288.4/8

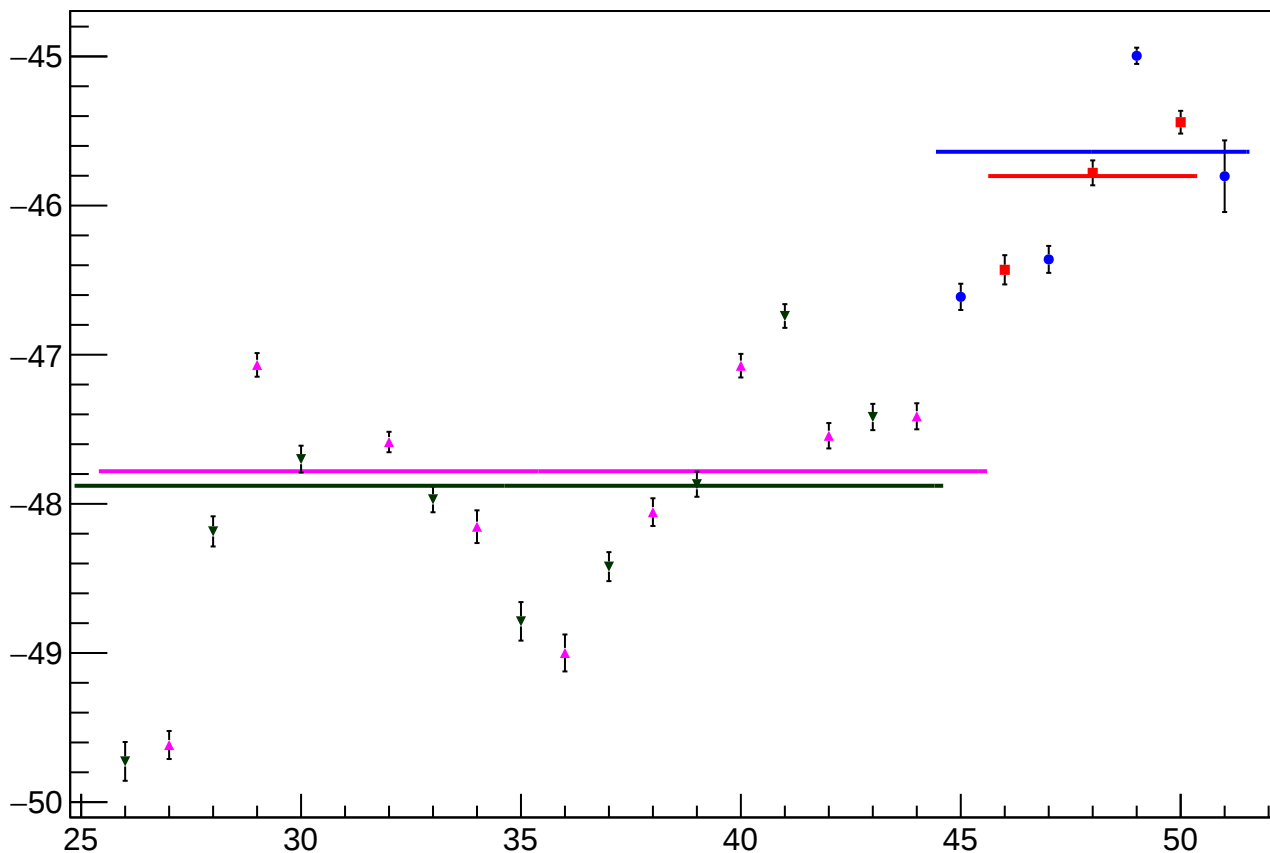
Right Out: 2.178 ± 0.212 χ^2/NDF : 350.2/2

Left In: 0.855 ± 0.124 χ^2/NDF : 482.1/8

-0.437 ± 0.109 χ^2/NDF : 481.6/12

1.192 ± 0.107 χ^2/NDF : 861.3/11

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.639 $\pm$ 0.041 χ^2/NDF : 325.8/3

Left Out: -47.879 $\pm$ 0.032 χ^2/NDF : 529.0/8

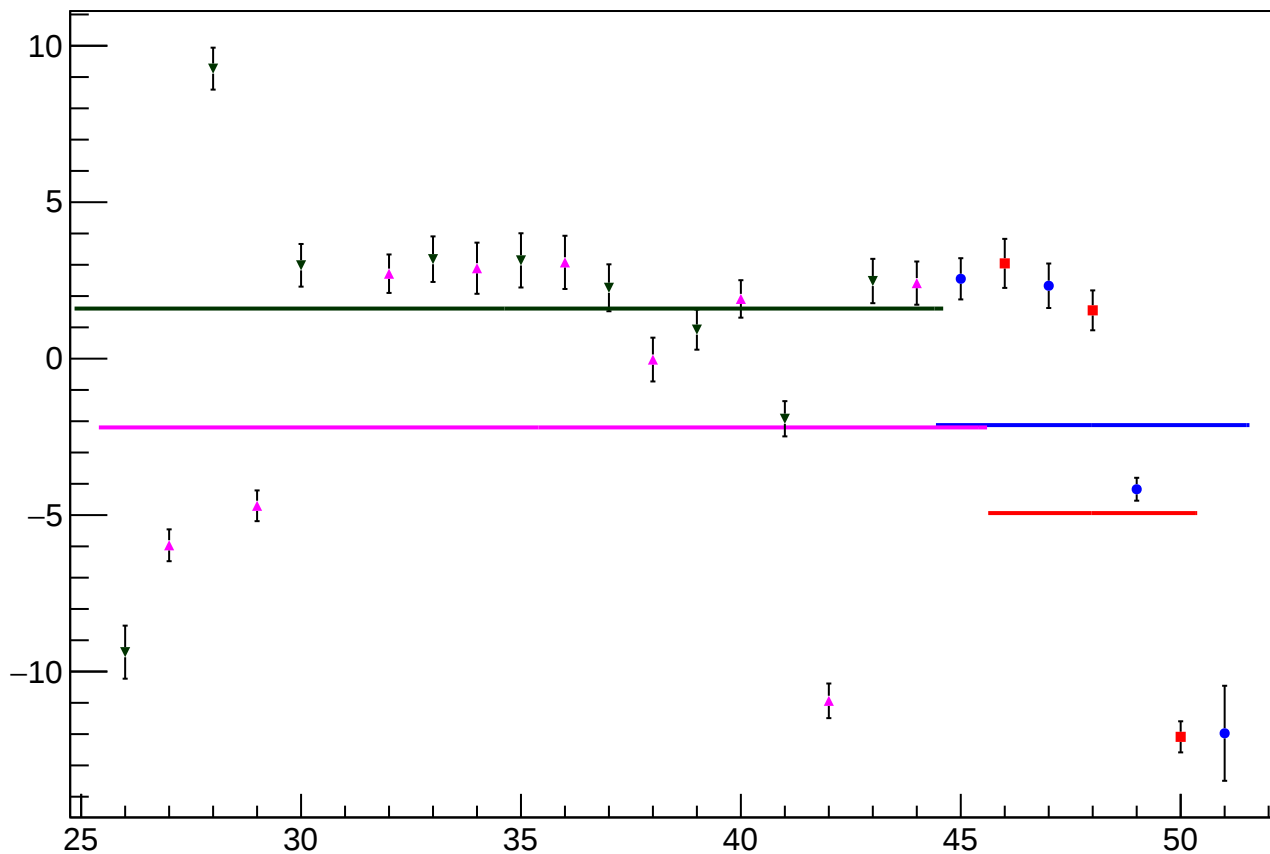
Right Out: -45.802 $\pm$ 0.049 χ^2/NDF : 63.6/2

Left In: -47.781 $\pm$ 0.029 χ^2/NDF : 692.9/8

-47.038 $\pm$ 0.025 χ^2/NDF : 2751.8/12

-47.262 $\pm$ 0.025 χ^2/NDF : 1968.3/11

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -2.124 $\pm$ 0.286 χ^2 /NDF: 163.1/3

Left Out: 1.601 $\pm$ 0.233 χ^2 /NDF:353.2/8

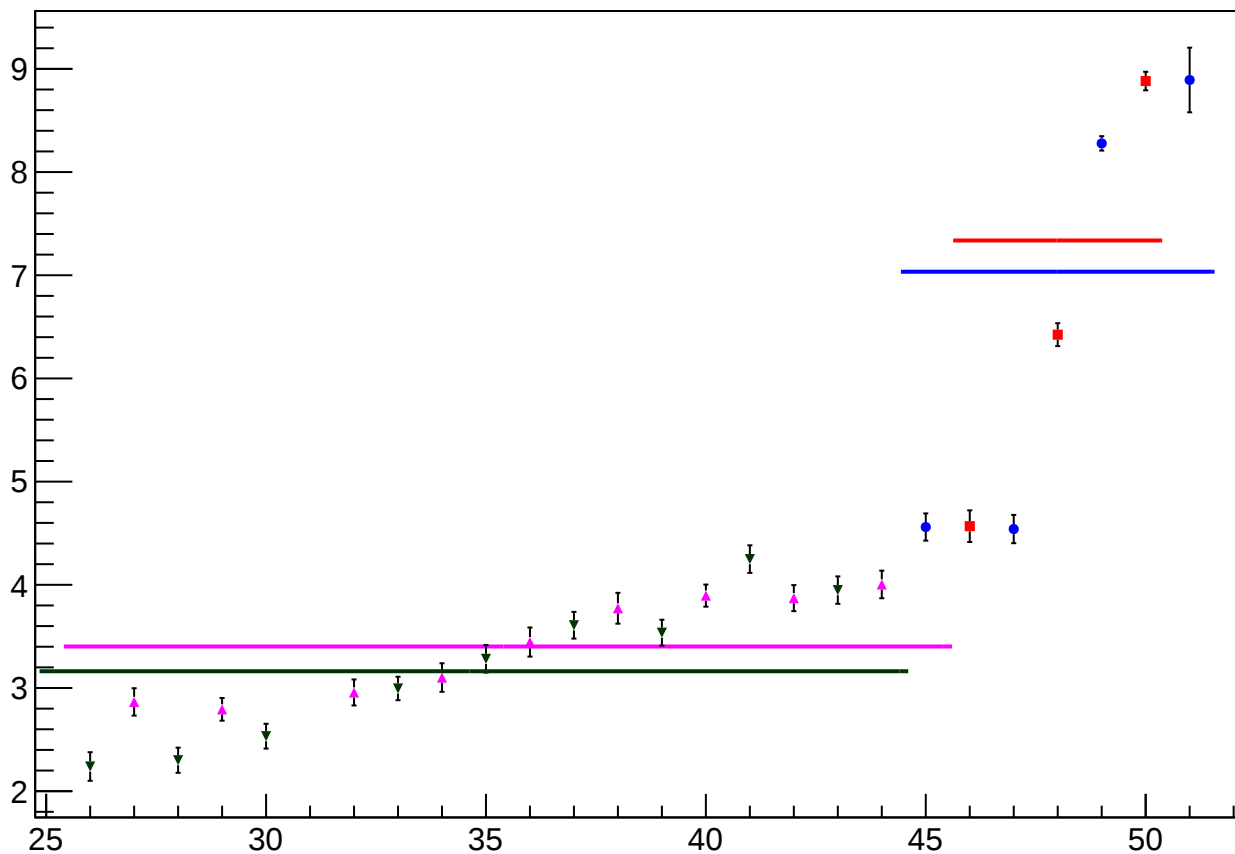
Right Out: -4.936 $\pm$ 0.351 χ^2 /NDF: 414.0/2

Left In: -2.198 $\pm$ 0.205 χ^2 /NDF:572.6/8

0.114 $\pm$ 0.181 χ^2 /NDF: 617.8/12

-2.897 $\pm$ 0.177 χ^2 /NDF: 1032.0/11

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 7.034 $\pm$ 0.055 χ^2 /NDF: 1037.3/3

Left Out: 3.162 $\pm$ 0.042 χ^2 /NDF:246.8/8

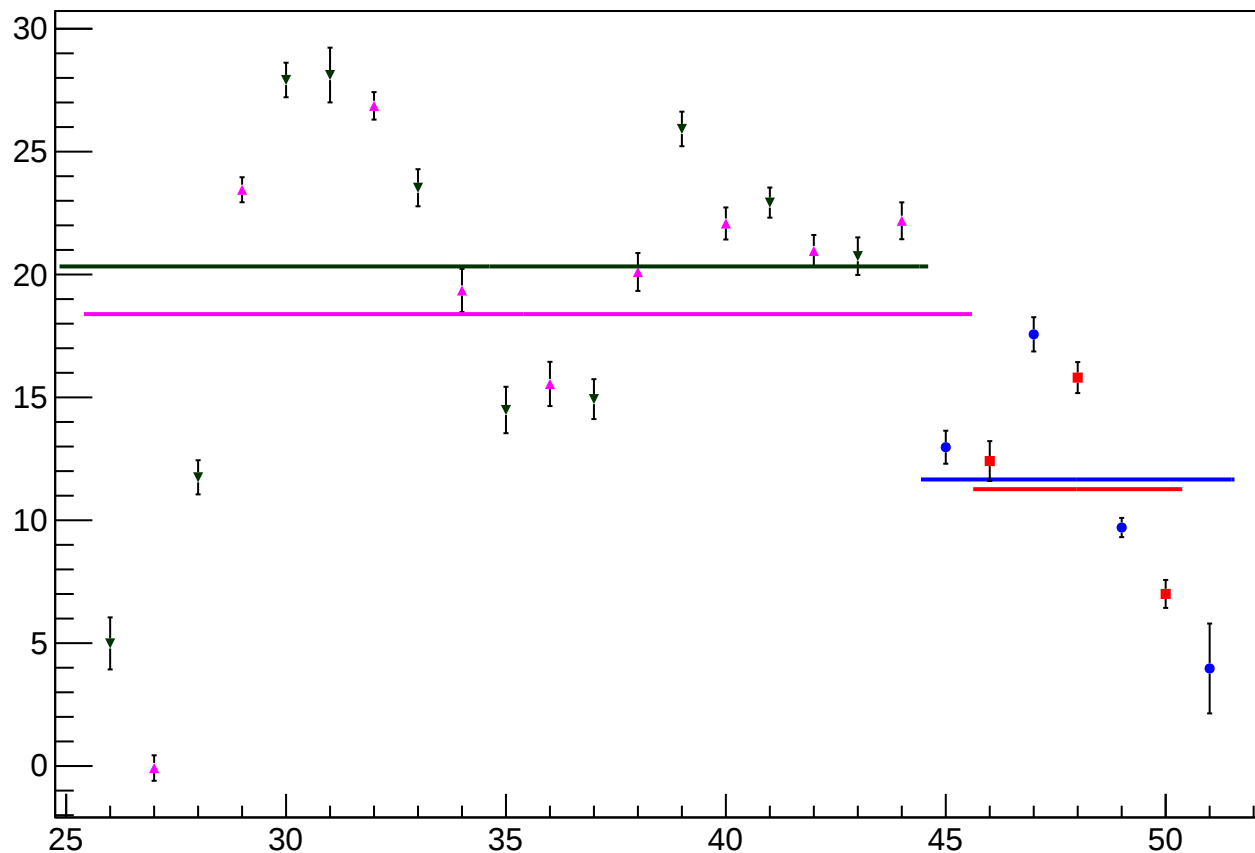
Right Out: 7.337 $\pm$ 0.064 χ^2 /NDF: 689.9/2

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF:125.8/8

4.593 $\pm$ 0.034 χ^2 /NDF: 4375.5/12

4.615 $\pm$ 0.035 χ^2 /NDF: 3468.9/11

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 11.660±/0.300 χ^2/NDF : 118.4/3

Left Out: 20.329±/0.246 χ^2/NDF : 709.7/9

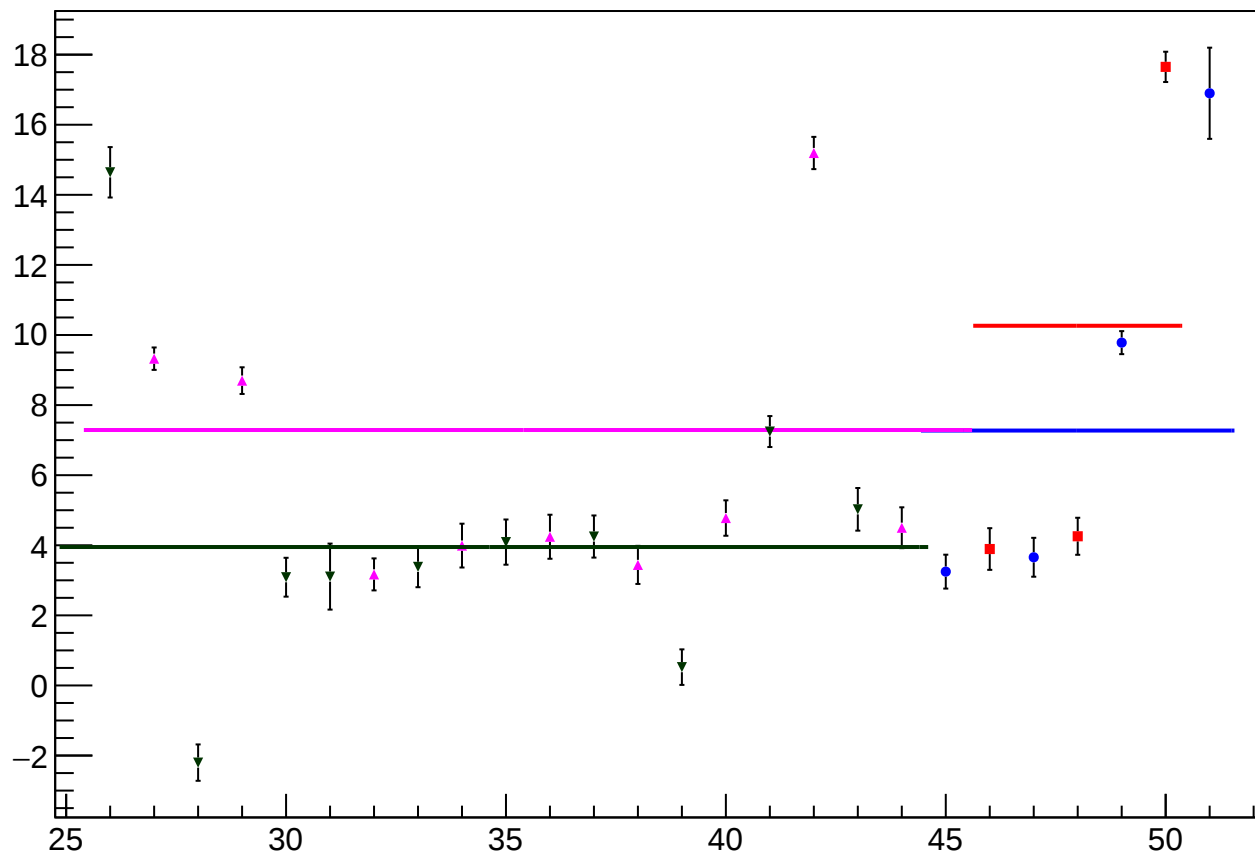
Right Out: 11.266±/0.375 χ^2/NDF : 109.9/2

Left In: 18.390±/0.216 χ^2/NDF : 1685.1/8

16.852±/0.190 χ^2/NDF : 1328.0/13

16.614±/0.187 χ^2/NDF : 2066.5/11

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 7.273 ± 0.240 χ^2/NDF : 224.8/3

Left Out: 3.950 ± 0.183 χ^2/NDF : 470.4/9

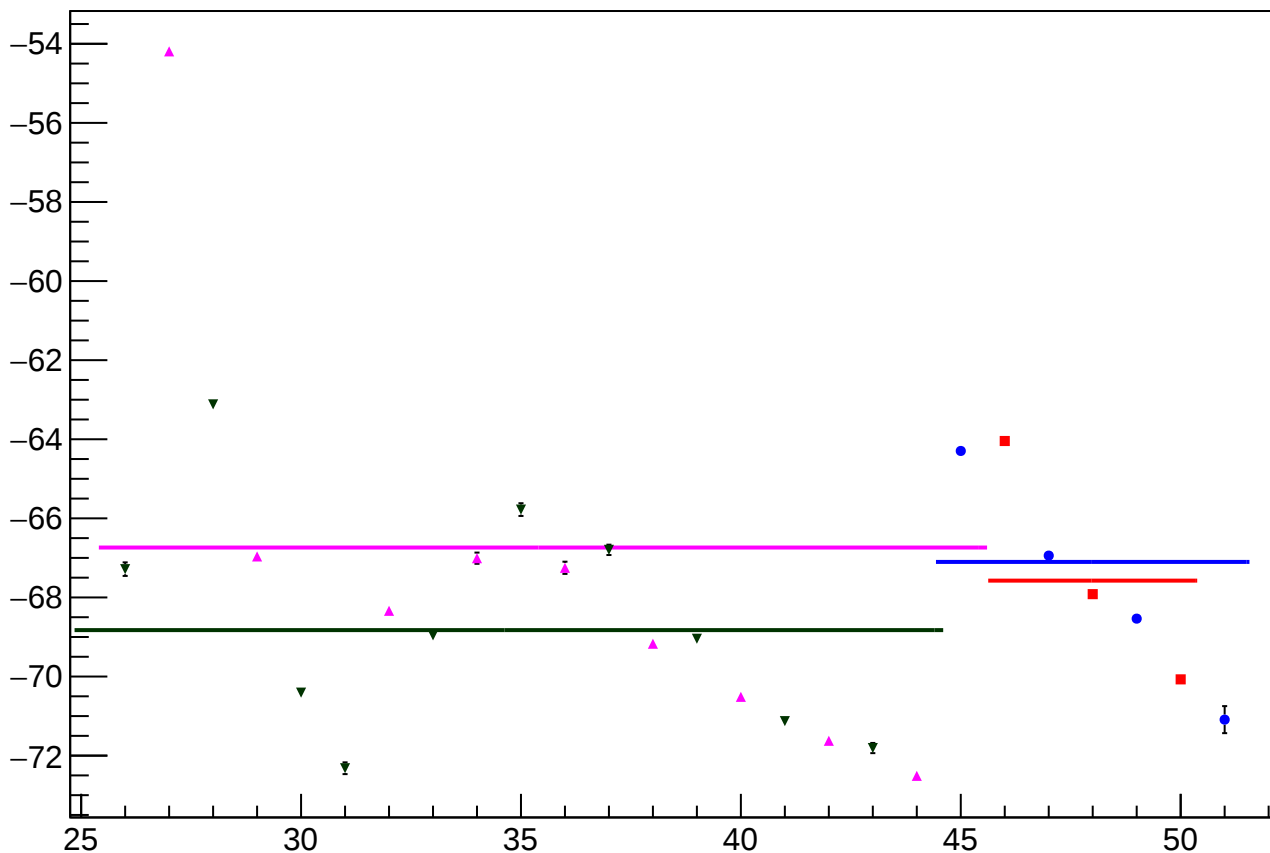
Right Out: 10.264 ± 0.292 χ^2/NDF : 536.1/2

Left In: 7.289 ± 0.155 χ^2/NDF : 579.9/8

5.173 ± 0.145 χ^2/NDF : 816.6/13

7.946 ± 0.137 χ^2/NDF : 1197.2/11

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -67.102 $\pm$ 0.056 χ^2 /NDF: 1141.5/3

Left Out: -68.826 $\pm$ 0.041 χ^2 /NDF: 4587.0/9

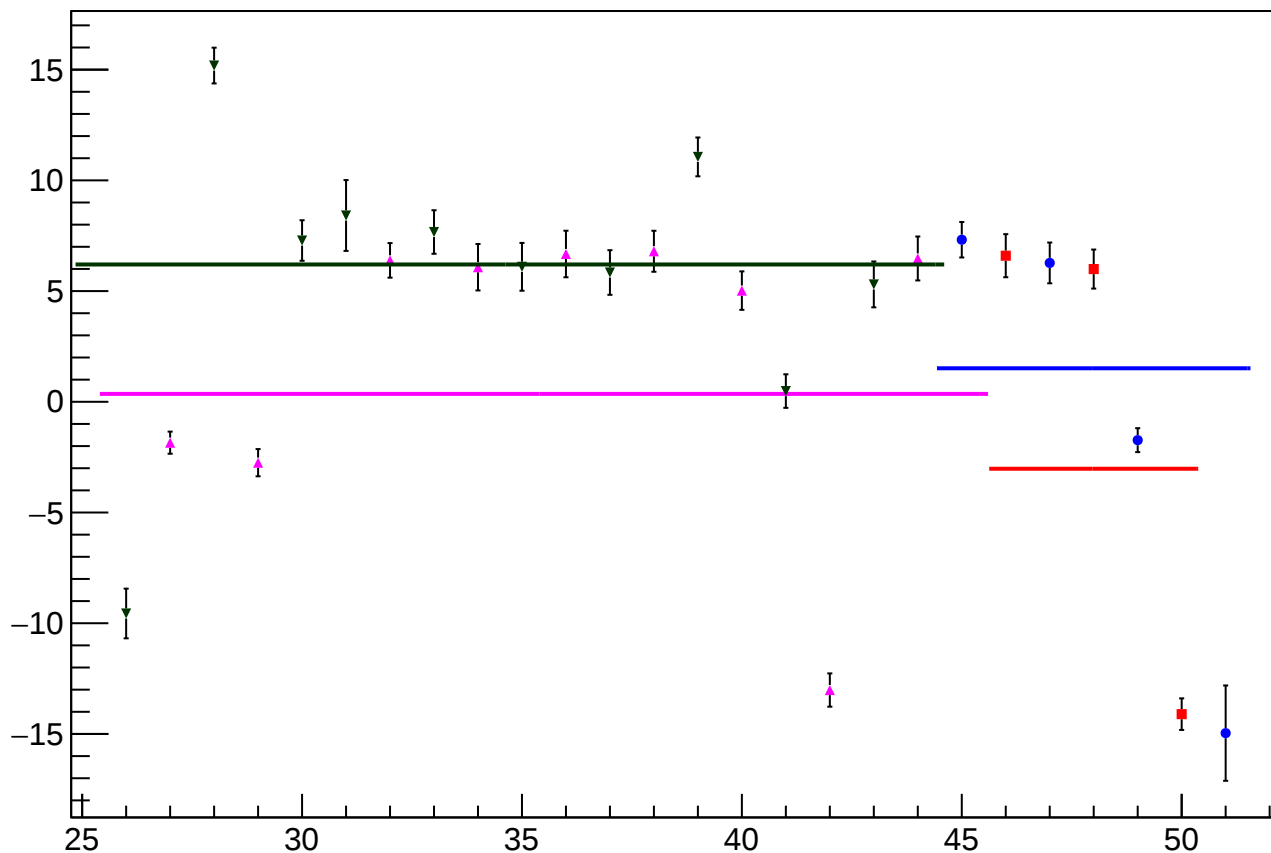
Right Out: -67.575 $\pm$ 0.066 χ^2 /NDF: 1363.4/2

Left In: -66.738 $\pm$ 0.037 χ^2 /NDF: 23839.7/8

-68.227 $\pm$ 0.033 χ^2 /NDF: 6355.7/13

-66.938 $\pm$ 0.033 χ^2 /NDF: 25323.7/11

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 1.514 $\pm$ 0.396 χ^2 /NDF: 174.0/3

Left Out: 6.202 $\pm$ 0.305 χ^2 /NDF: 415.4/9

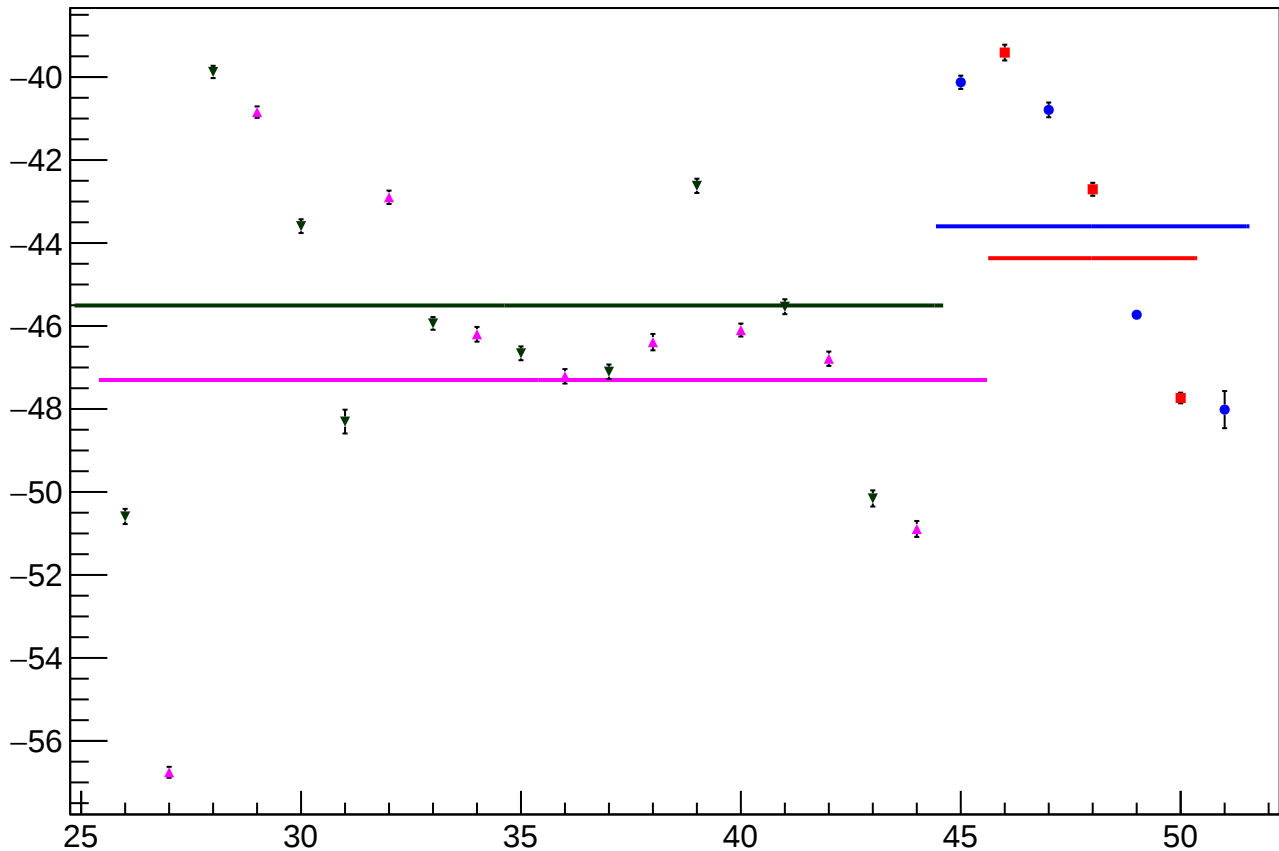
Right Out: -3.024 $\pm$ 0.482 χ^2 /NDF: 444.1/2

Left In: 0.357 $\pm$ 0.255 χ^2 /NDF: 602.5/8

4.457 $\pm$ 0.241 χ^2 /NDF: 677.4/13

-0.383 $\pm$ 0.225 χ^2 /NDF: 1085.1/11

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -43.598+/-0.077 χ^2/NDF : 1246.5/3

Left Out: -45.505+/-0.055 χ^2/NDF : 3423.9/9

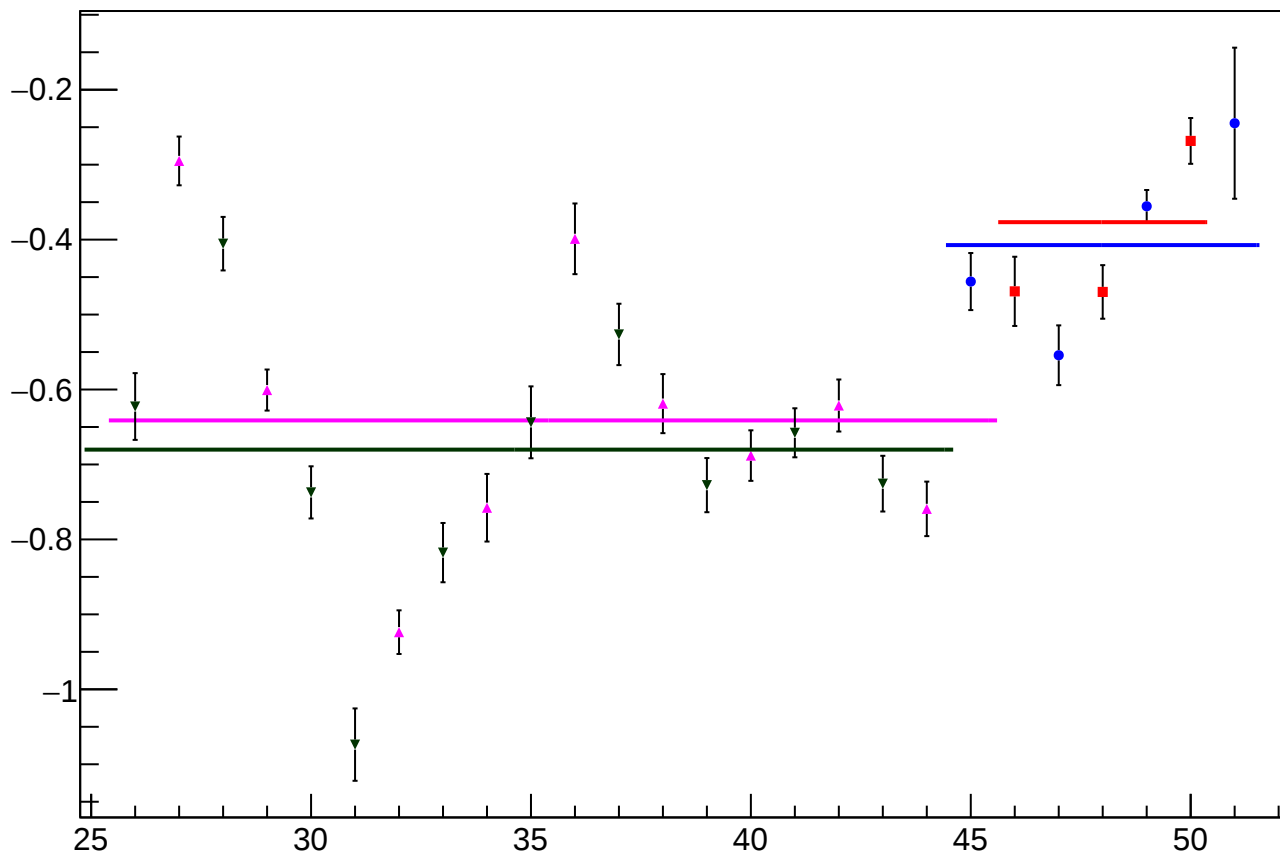
Right Out: -44.366+/-0.088 χ^2/NDF : 1474.3/2

Left In: -47.301+/-0.054 χ^2/NDF : 8552.3/8

-44.851+/-0.045 χ^2/NDF : 5077.8/13

-46.496+/-0.046 χ^2/NDF : 10831.0/11

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.407 ± 0.017 $\chi^2/\text{NDF}: 23.5/3$

Left Out: -0.680 ± 0.012 $\chi^2/\text{NDF}: 160.4/9$

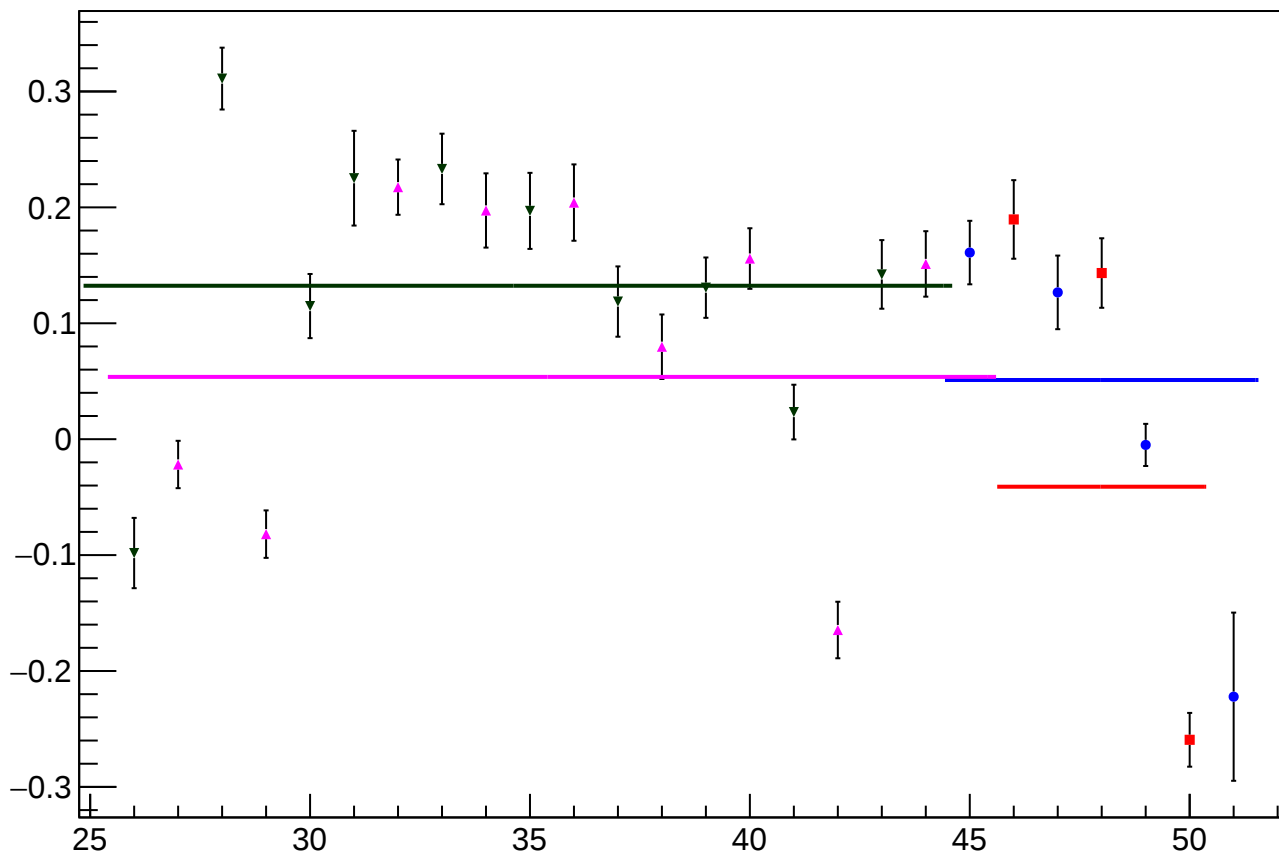
Right Out: -0.377 ± 0.021 $\chi^2/\text{NDF}: 23.4/2$

Left In: -0.641 ± 0.012 $\chi^2/\text{NDF}: 255.8/8$

-0.585 ± 0.010 $\chi^2/\text{NDF}: 356.0/13$

-0.579 ± 0.010 $\chi^2/\text{NDF}: 403.3/11$

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.051 ± 0.013 χ^2/NDF : 45.5/3

Left Out: 0.132 ± 0.009 χ^2/NDF : 144.8/9

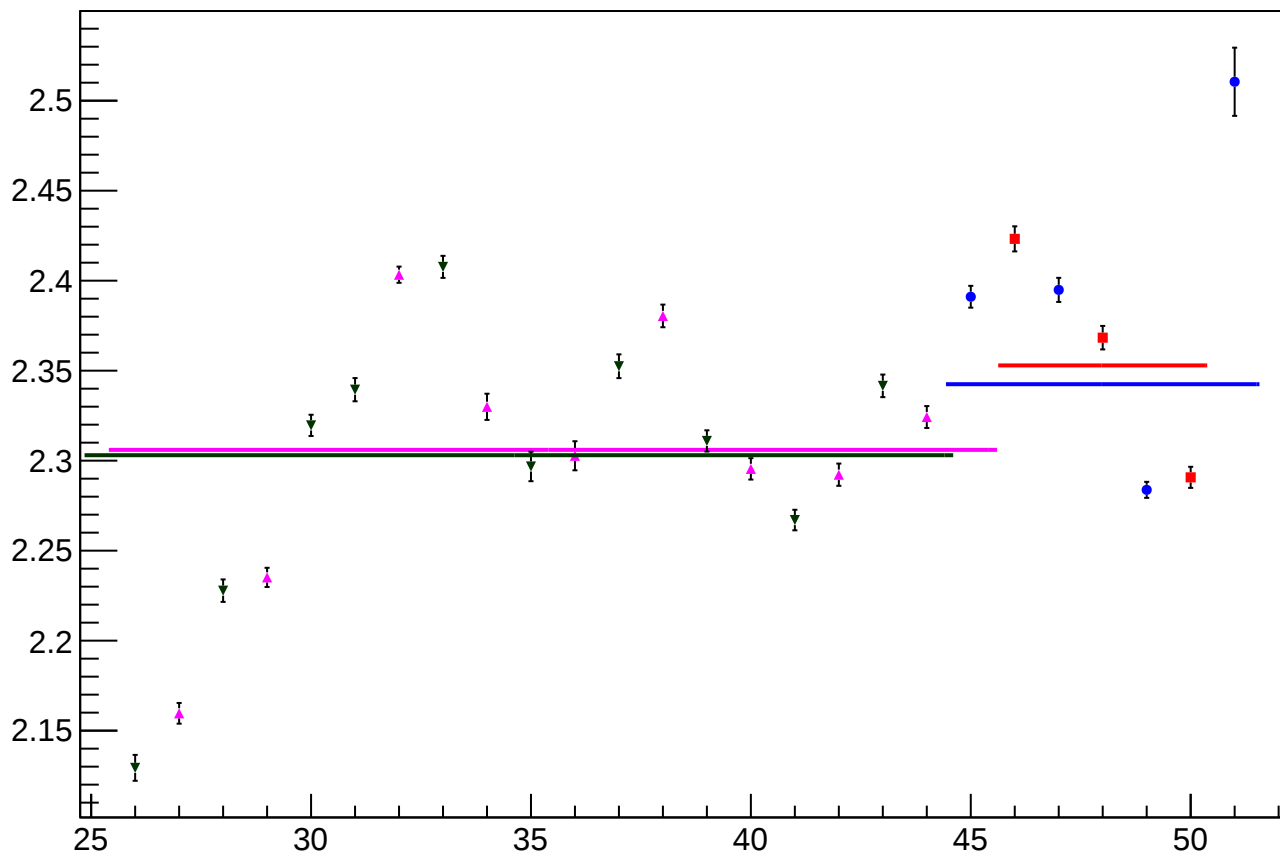
Right Out: -0.041 ± 0.016 χ^2/NDF : 172.6/2

Left In: 0.054 ± 0.008 χ^2/NDF : 253.9/8

0.107 ± 0.008 χ^2/NDF : 215.2/13

0.033 ± 0.007 χ^2/NDF : 453.6/11

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.342 $\pm$ 0.003 χ^2 /NDF: 378.0/3

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF:1196.0/9

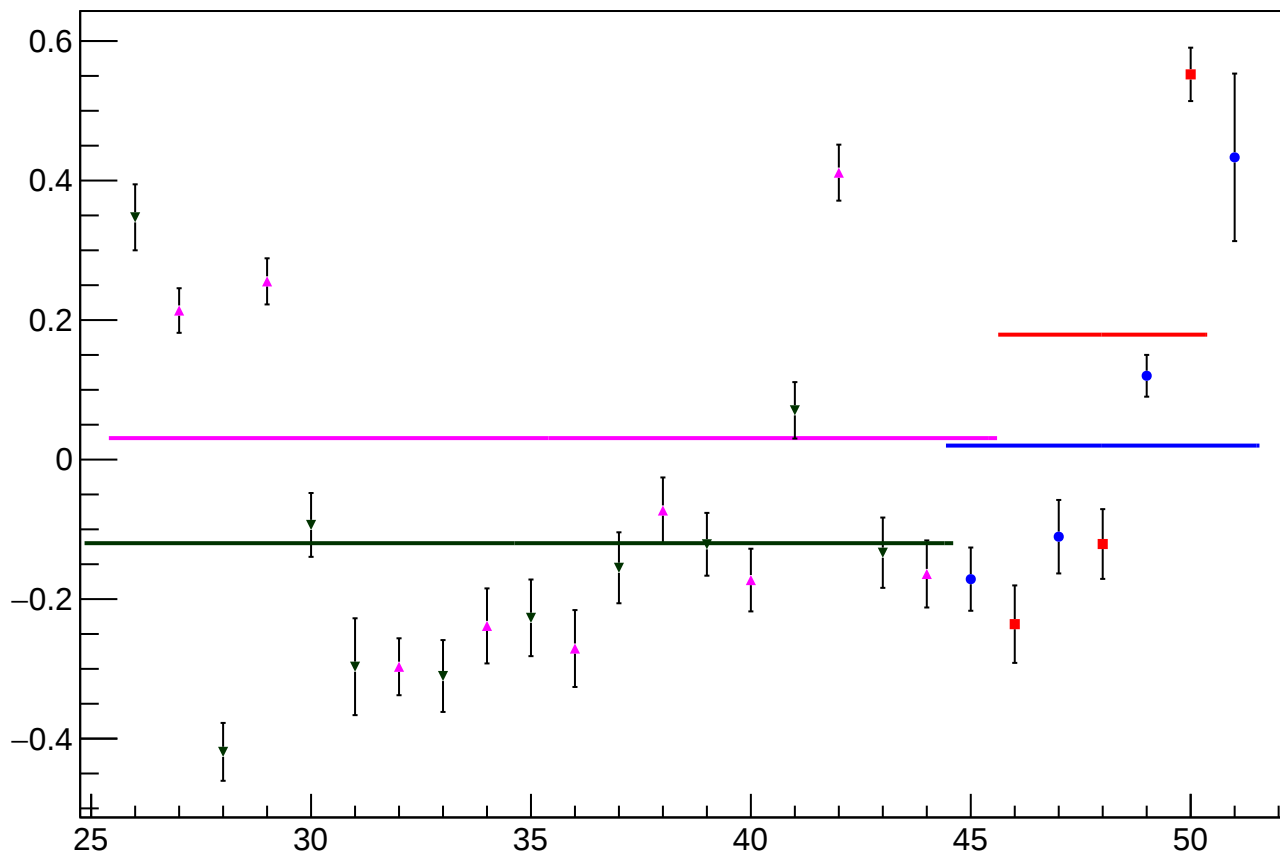
Right Out: 2.353 $\pm$ 0.004 χ^2 /NDF: 220.0/2

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF:1460.1/8

2.315 $\pm$ 0.002 χ^2 /NDF: 1686.9/13

2.316 $\pm$ 0.002 χ^2 /NDF: 1805.4/11

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 0.020 ± 0.022 χ^2/NDF : 47.0/3

Left Out: -0.120 ± 0.015 χ^2/NDF : 196.6/9

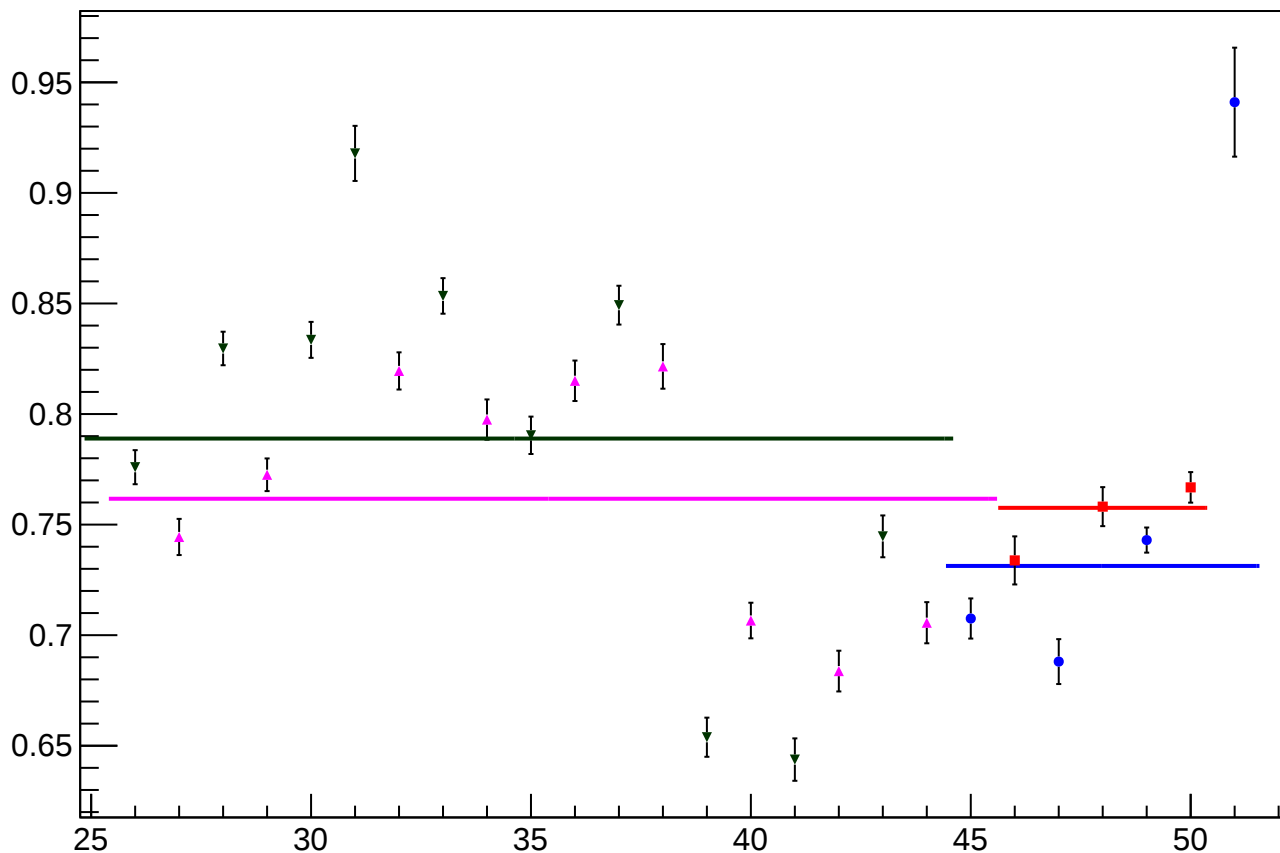
Right Out: 0.179 ± 0.027 χ^2/NDF : 186.9/2

Left In: 0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.075 ± 0.013 χ^2/NDF : 270.5/13

0.063 ± 0.012 χ^2/NDF : 541.3/11

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.731 $\pm$ 0.004 χ^2 /NDF: 101.7/3

Left Out: 0.789 $\pm$ 0.003 χ^2 /NDF: 764.3/9

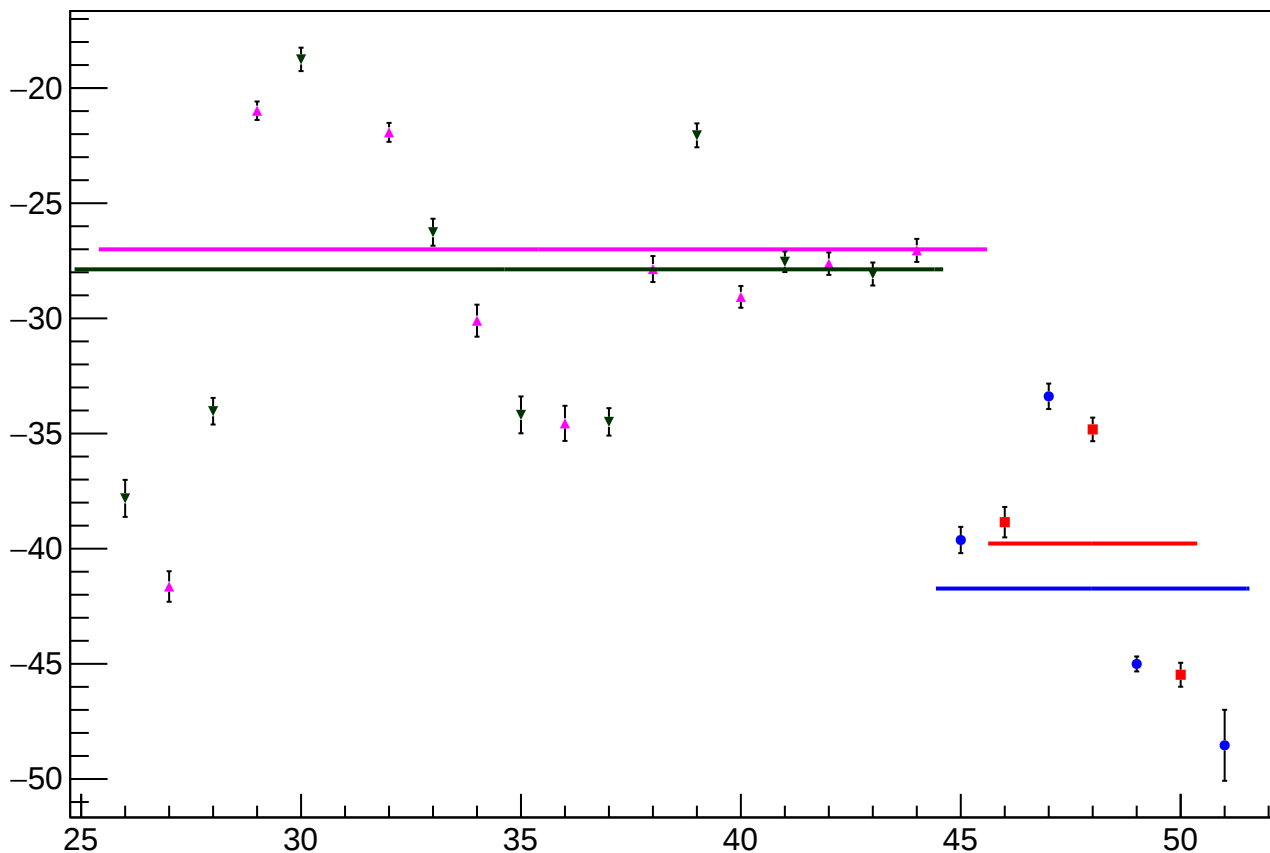
Right Out: 0.758 $\pm$ 0.005 χ^2 /NDF: 6.6/2

Left In: 0.762 $\pm$ 0.003 χ^2 /NDF: 293.2/8

0.772 $\pm$ 0.002 χ^2 /NDF: 994.3/13

0.761 $\pm$ 0.002 χ^2 /NDF: 300.3/11

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -41.731 $\pm$ 0.248 χ^2 /NDF: 363.0/3

Left Out: -27.871 $\pm$ 0.188 χ^2 /NDF: 907.3/8

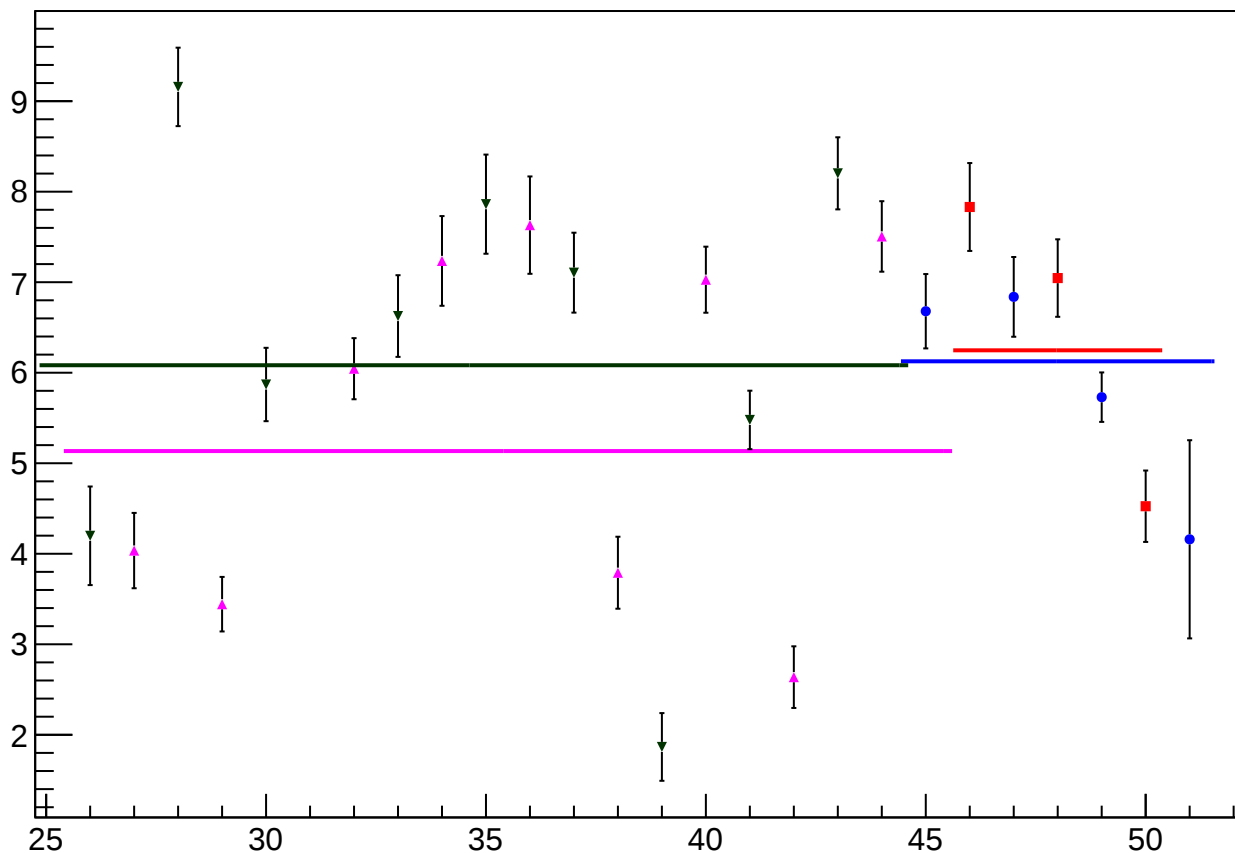
Right Out: -39.776 $\pm$ 0.319 χ^2 /NDF: 215.7/2

Left In: -27.003 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-32.911 $\pm$ 0.150 χ^2 /NDF: 3254.5/12

-29.855 $\pm$ 0.151 χ^2 /NDF: 2466.0/11

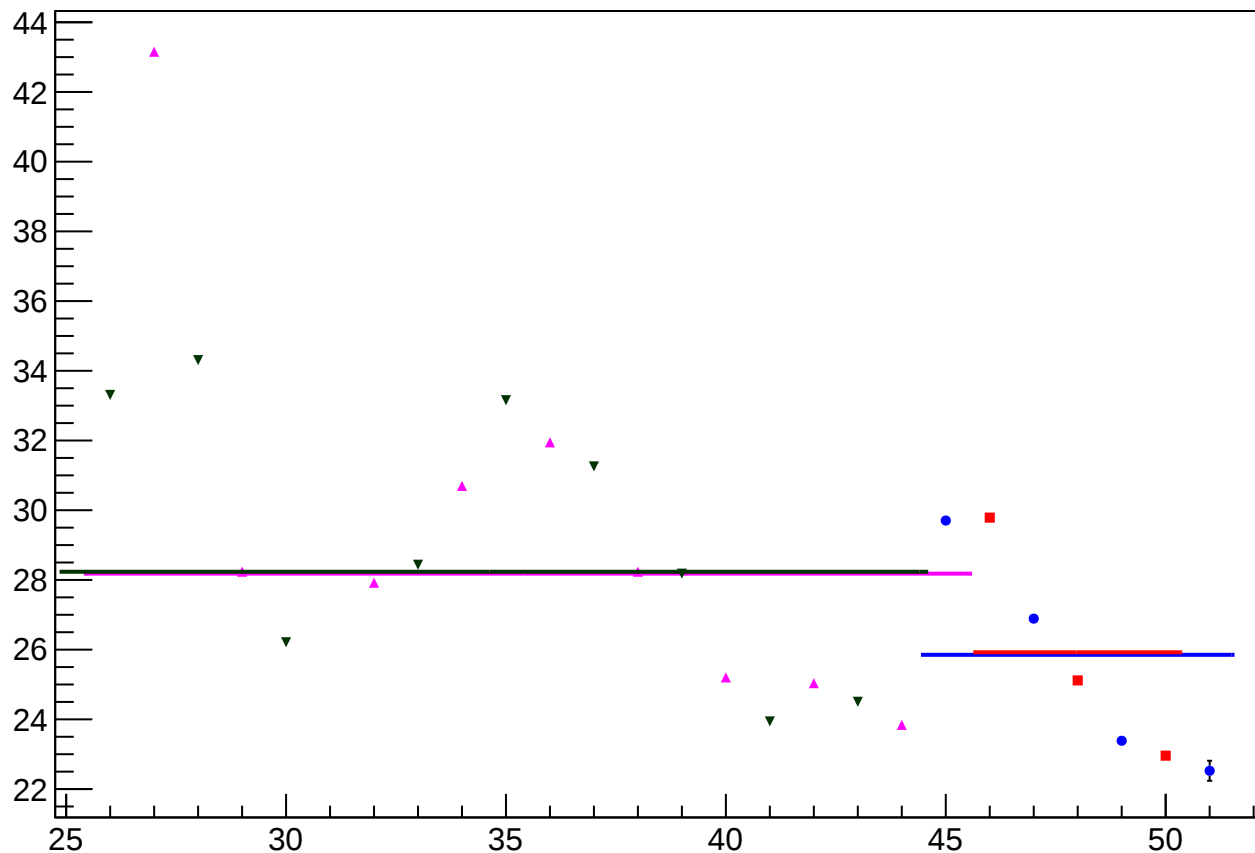
reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.126 ± 0.199 $\chi^2/\text{NDF}: 9.8/3$
 Left Out: 6.083 ± 0.140 $\chi^2/\text{NDF}: 238.9/8$
 Right Out: 6.247 ± 0.249 $\chi^2/\text{NDF}: 33.2/2$
 Left In: 5.135 ± 0.127 $\chi^2/\text{NDF}: 214.5/8$

6.097 ± 0.114 $\chi^2/\text{NDF}: 248.7/12$
 5.364 ± 0.113 $\chi^2/\text{NDF}: 263.5/11$

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.851+/-0.046 χ^2/NDF : 3415.7/3

Left Out: 28.235+/-0.031 χ^2/NDF :12988.2/8

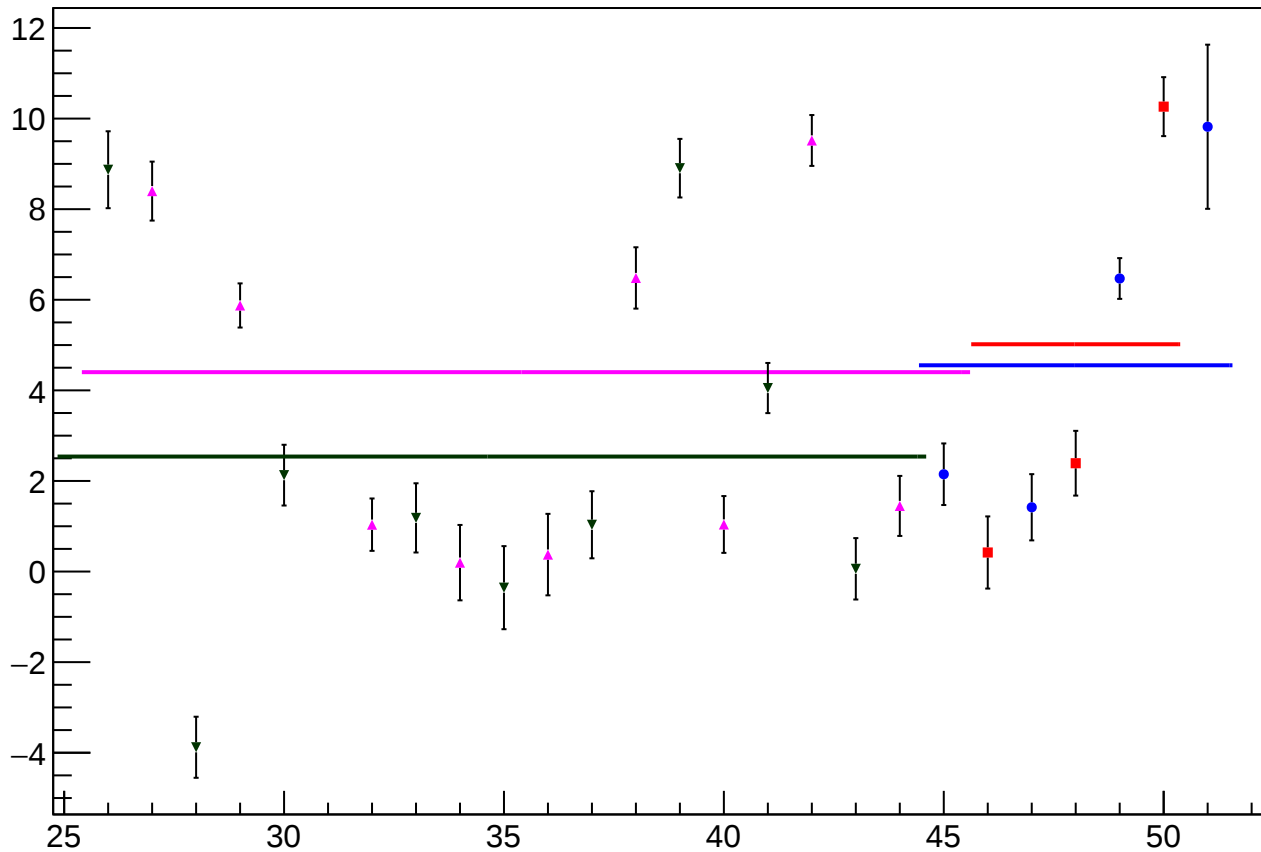
Right Out: 25.924+/-0.056 χ^2/NDF : 2468.5/2

Left In: 28.180+/-0.029 χ^2/NDF :23006.5/8

27.482+/-0.026 χ^2/NDF : 18237.7/12

27.697+/-0.026 χ^2/NDF : 26746.5/11

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 4.554 ± 0.328 χ^2/NDF : 57.5/3

Left Out: 3.215 ± 0.190 χ^2/NDF : 364.1/12

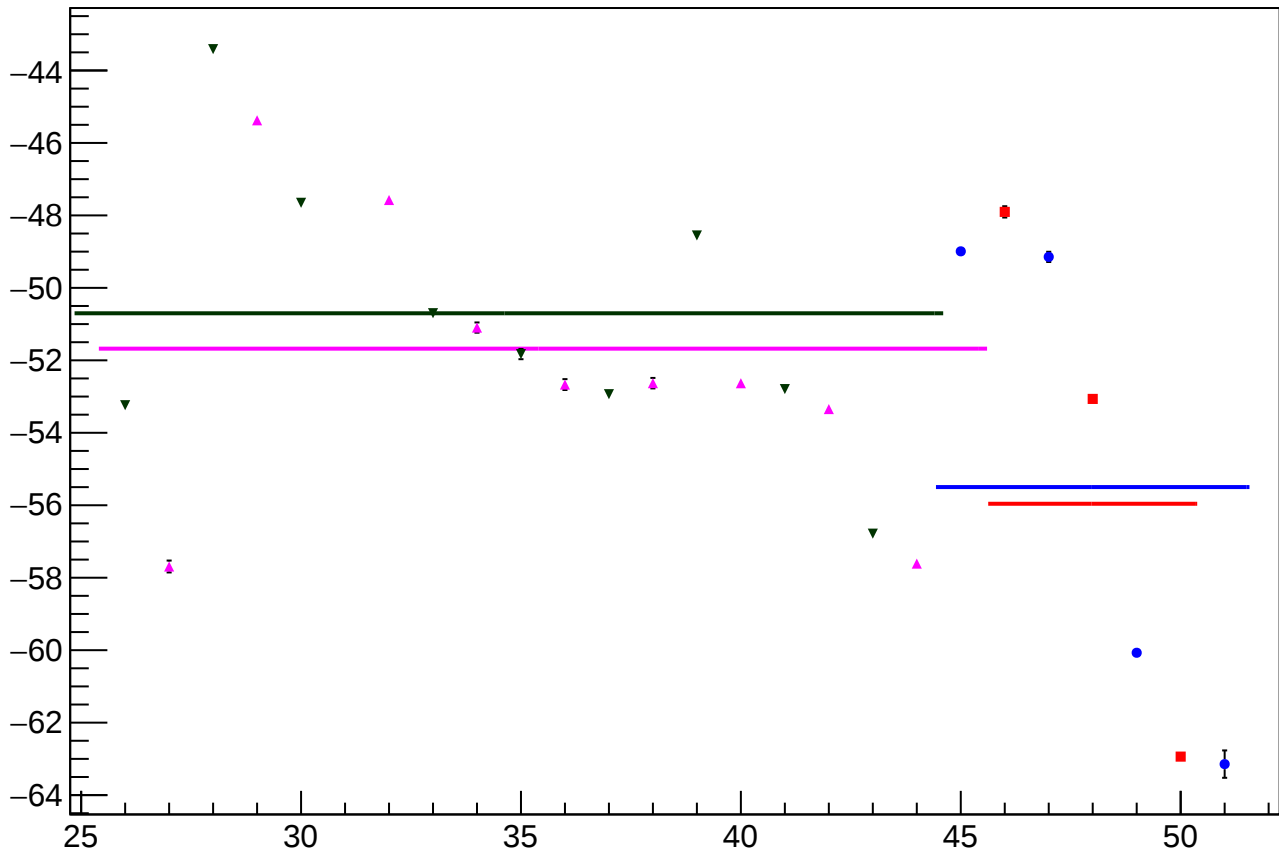
3.215 $\pm$ 0.190 χ^2/NDF : 364.1/12

Right Out: 5.018 ± 0.412 χ^2/NDF : 111.8/2

Left In: 4.402 ± 0.211 χ^2/NDF : 267.4/8

4.530 $\pm$ 0.188 χ^2/NDF : 380.9/11

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.498 ± 0.064 χ^2/NDF : 7558.8/3

Left Out: -50.702 ± 0.043 χ^2/NDF : 7639.1/8

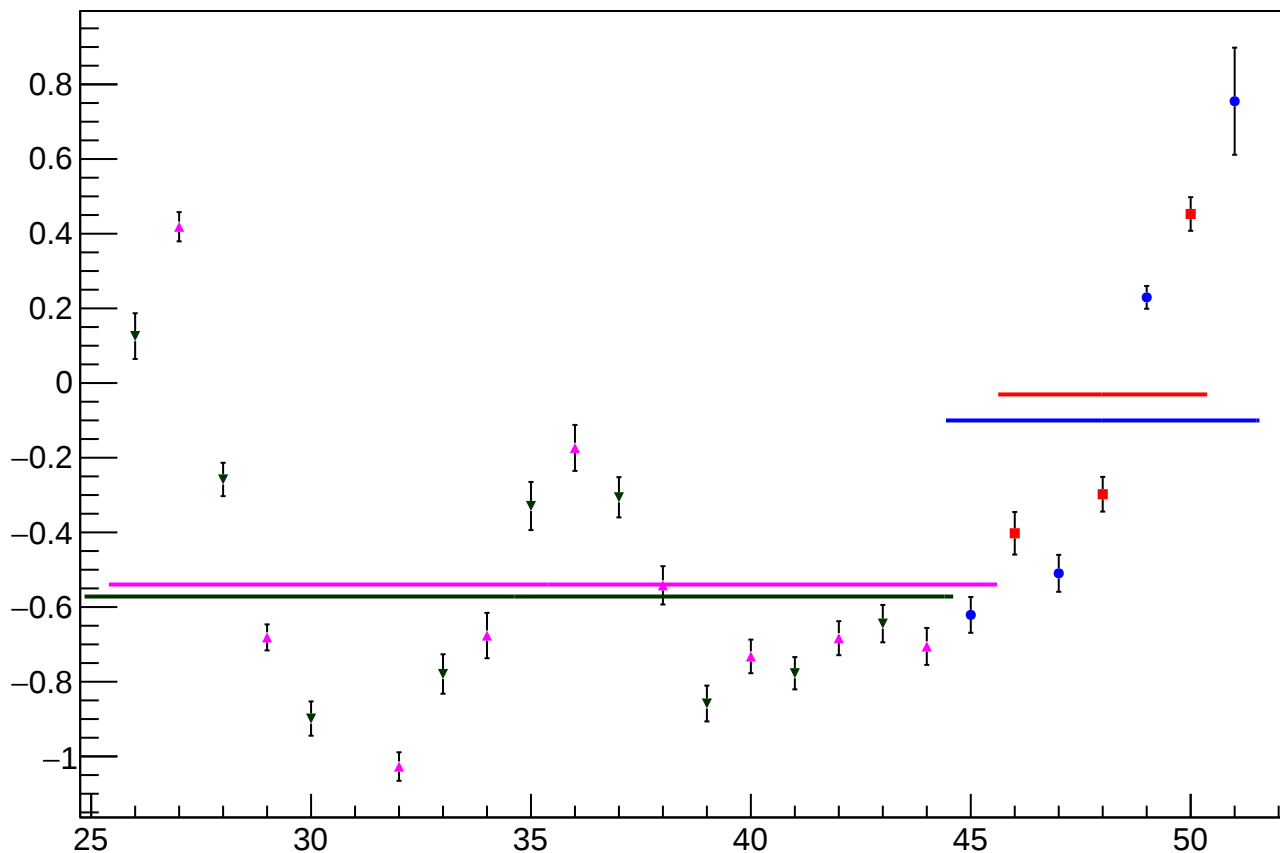
Right Out: -55.959 ± 0.076 χ^2/NDF : 6685.5/2

Left In: -51.678 ± 0.043 χ^2/NDF : 8312.3/8

-52.189 ± 0.035 χ^2/NDF : 19112.5/12

-52.726 ± 0.038 χ^2/NDF : 17391.3/11

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.100+/-0.023 χ^2/NDF : 338.8/3

Left Out: -0.572+/-0.017 χ^2/NDF : 344.3/8

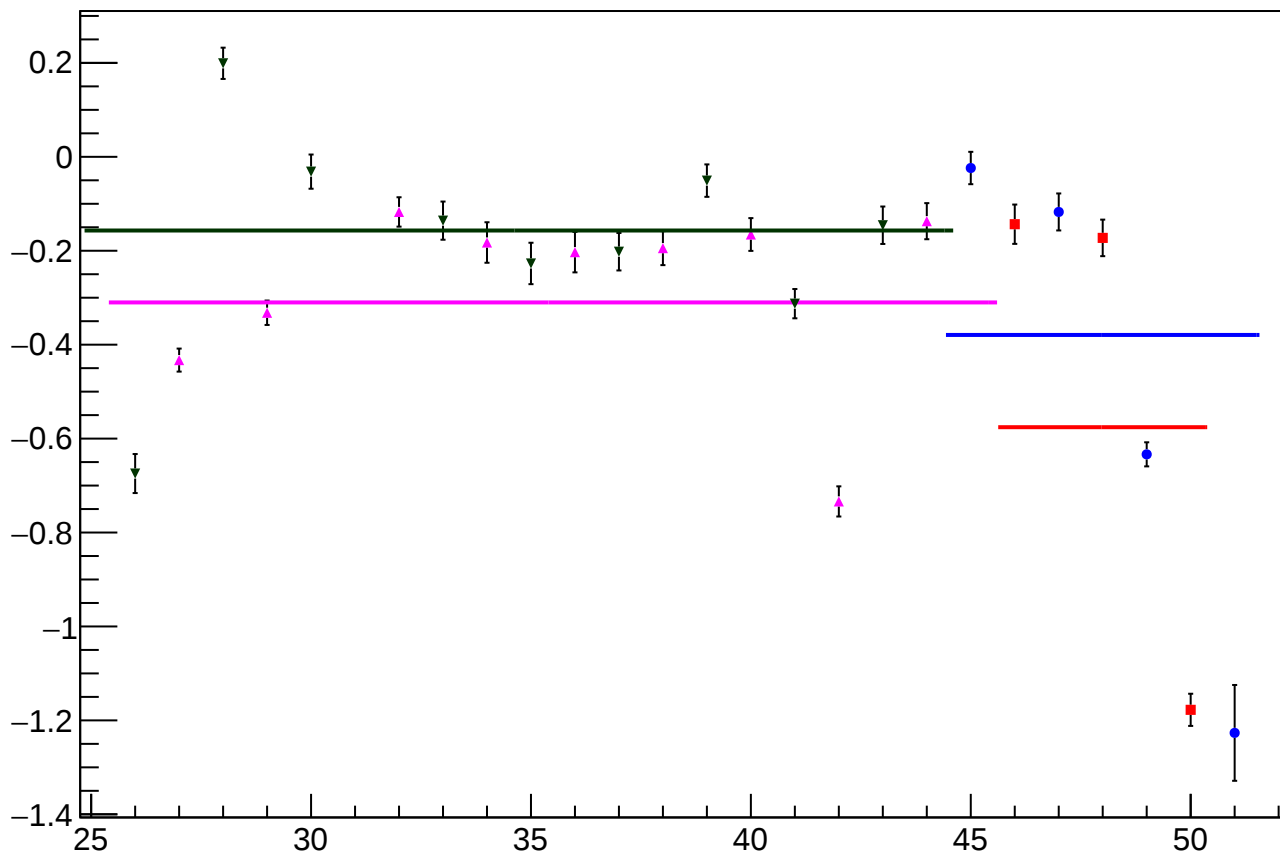
Right Out: -0.031+/-0.028 χ^2/NDF : 190.6/2

Left In: -0.540+/-0.015 χ^2/NDF : 857.8/8

-0.404+/-0.013 χ^2/NDF : 964.5/12

-0.427+/-0.013 χ^2/NDF : 1303.4/11

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.379 ± 0.018 χ^2/NDF : 318.0/3

Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

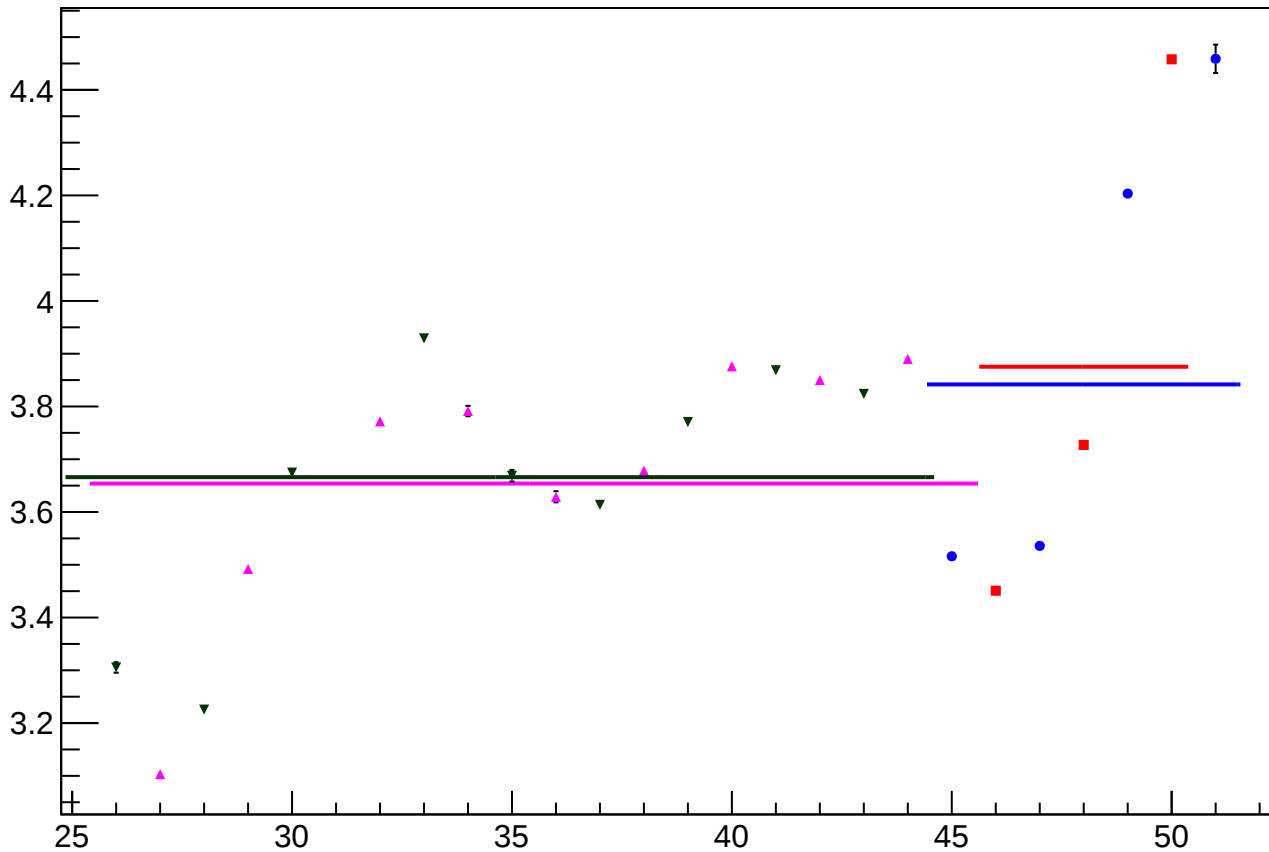
Right Out: -0.576 ± 0.022 χ^2/NDF : 522.7/2

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.229 ± 0.010 χ^2/NDF : 741.6/12

-0.362 ± 0.010 χ^2/NDF : 941.1/11

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.842 ± 0.004 $\chi^2/\text{NDF}: 7030.4/3$

Left Out: 3.666 ± 0.003 $\chi^2/\text{NDF}: 6817.2/8$

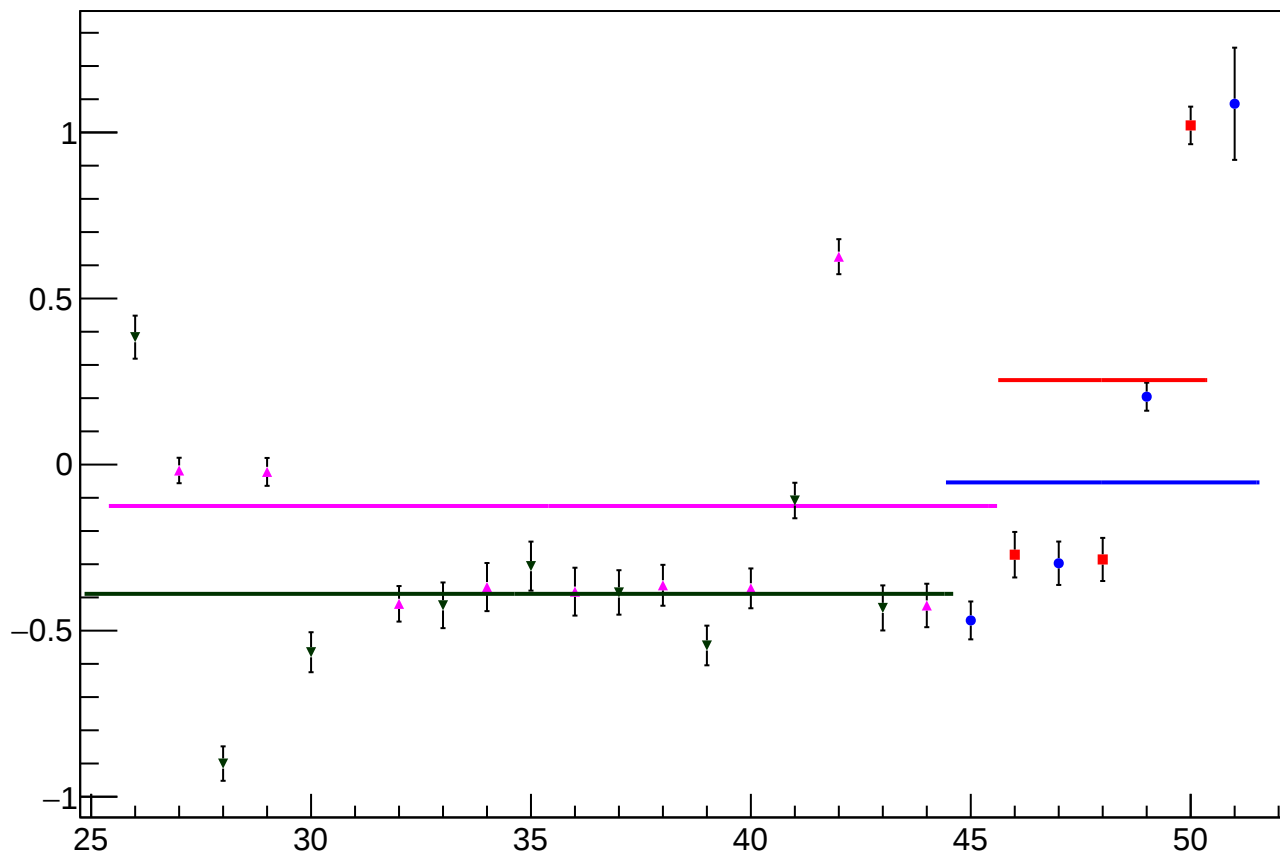
Right Out: 3.875 ± 0.005 $\chi^2/\text{NDF}: 7282.4/2$

Left In: 3.654 ± 0.003 $\chi^2/\text{NDF}: 9613.6/8$

3.721 ± 0.002 $\chi^2/\text{NDF}: 15084.8/12$

3.701 ± 0.002 $\chi^2/\text{NDF}: 18473.4/11$

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.054±/0.030 χ^2/NDF : 149.9/3

Left Out: -0.389±/0.021 χ^2/NDF :284.2/8

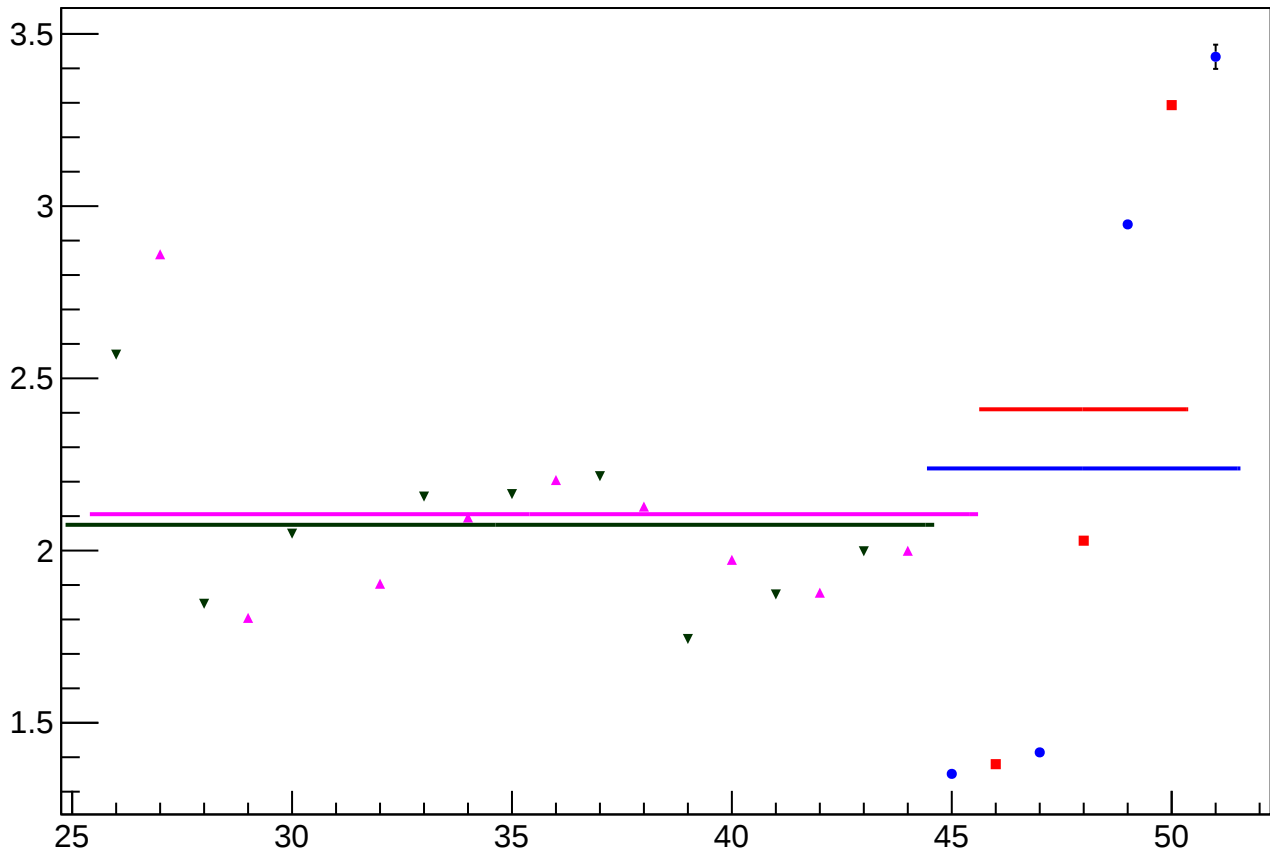
Right Out: 0.254±/0.036 χ^2/NDF : 312.1/2

Left In: -0.125±/0.018 χ^2/NDF :324.0/8

-0.280±/0.017 χ^2/NDF : 520.5/12

-0.050±/0.016 χ^2/NDF : 724.1/11

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.238 ± 0.006 χ^2/NDF : 19286.3/3

Left Out: 2.075 ± 0.004 χ^2/NDF : 4111.6/8

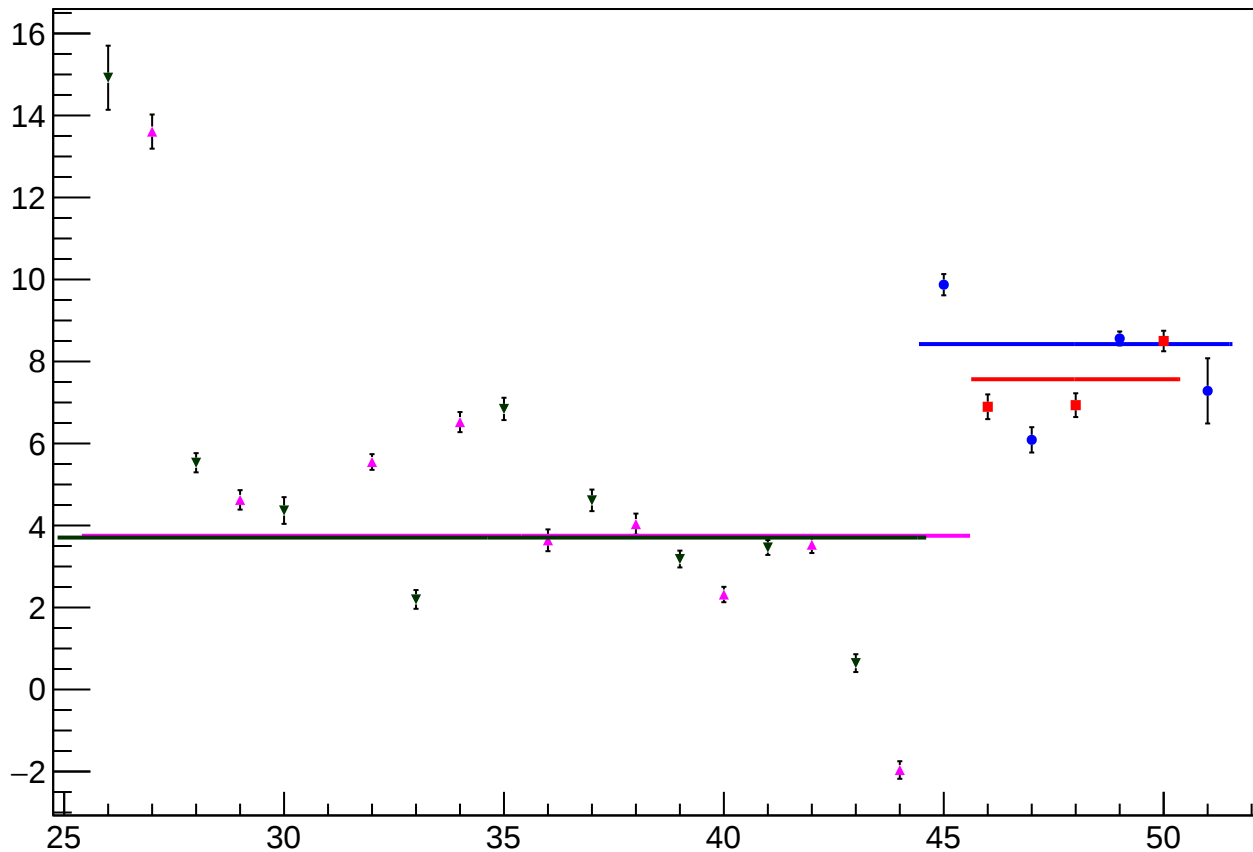
Right Out: 2.410 ± 0.007 χ^2/NDF : 14486.6/2

Left In: 2.106 ± 0.004 χ^2/NDF : 7840.1/8

2.123 ± 0.003 χ^2/NDF : 23969.8/12

2.179 ± 0.003 χ^2/NDF : 23914.7/11

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.425 $\pm$ 0.128 χ^2 /NDF: 91.0/3

Left Out: 3.706 $\pm$ 0.081 χ^2 /NDF: 665.5/8

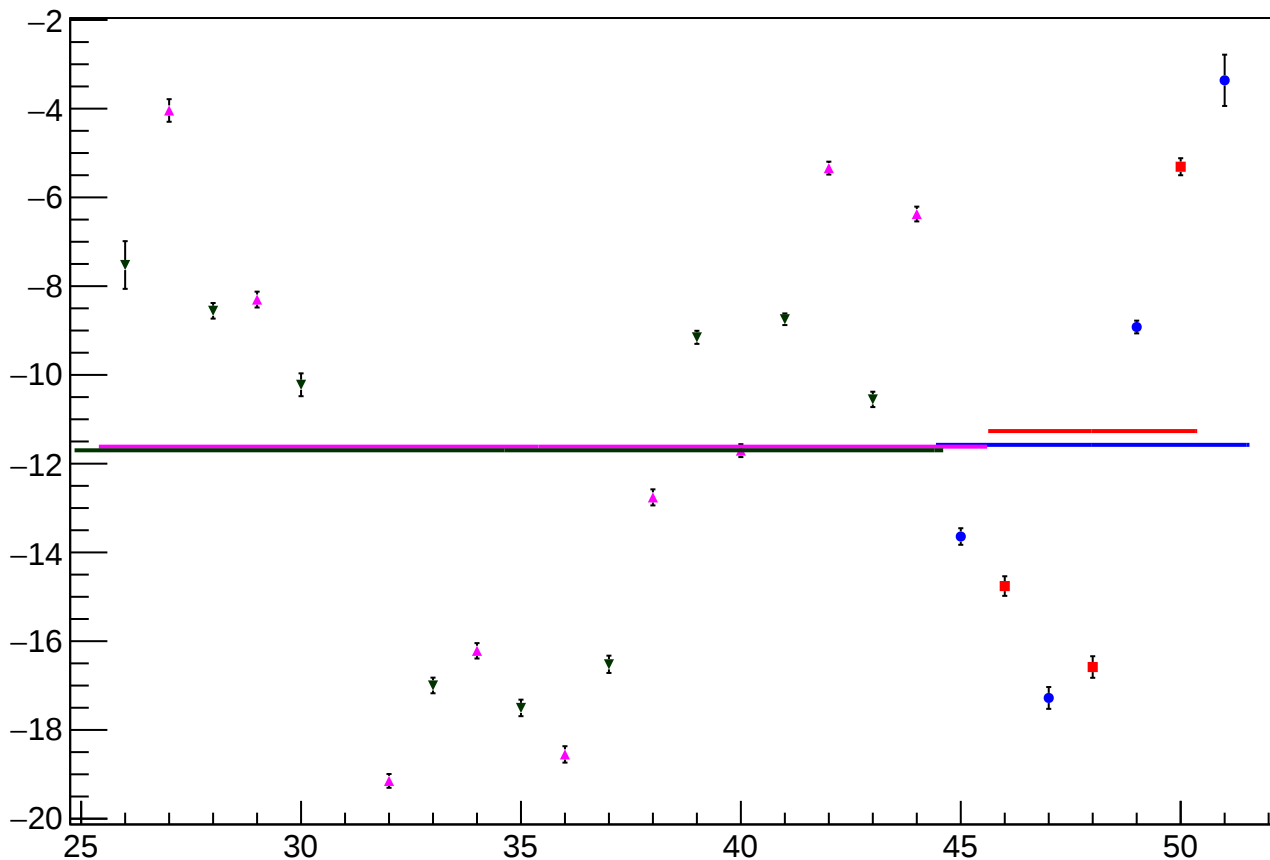
Right Out: 7.567 $\pm$ 0.160 χ^2 /NDF: 23.6/2

Left In: 3.750 $\pm$ 0.076 χ^2 /NDF: 1560.3/8

5.066 $\pm$ 0.069 χ^2 /NDF: 1730.1/12

4.456 $\pm$ 0.069 χ^2 /NDF: 2045.5/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -11.576 $\pm$ 0.102 χ^2 /NDF: 1203.8/3

Left Out: -11.699 $\pm$ 0.060 χ^2 /NDF: 3753.7/8

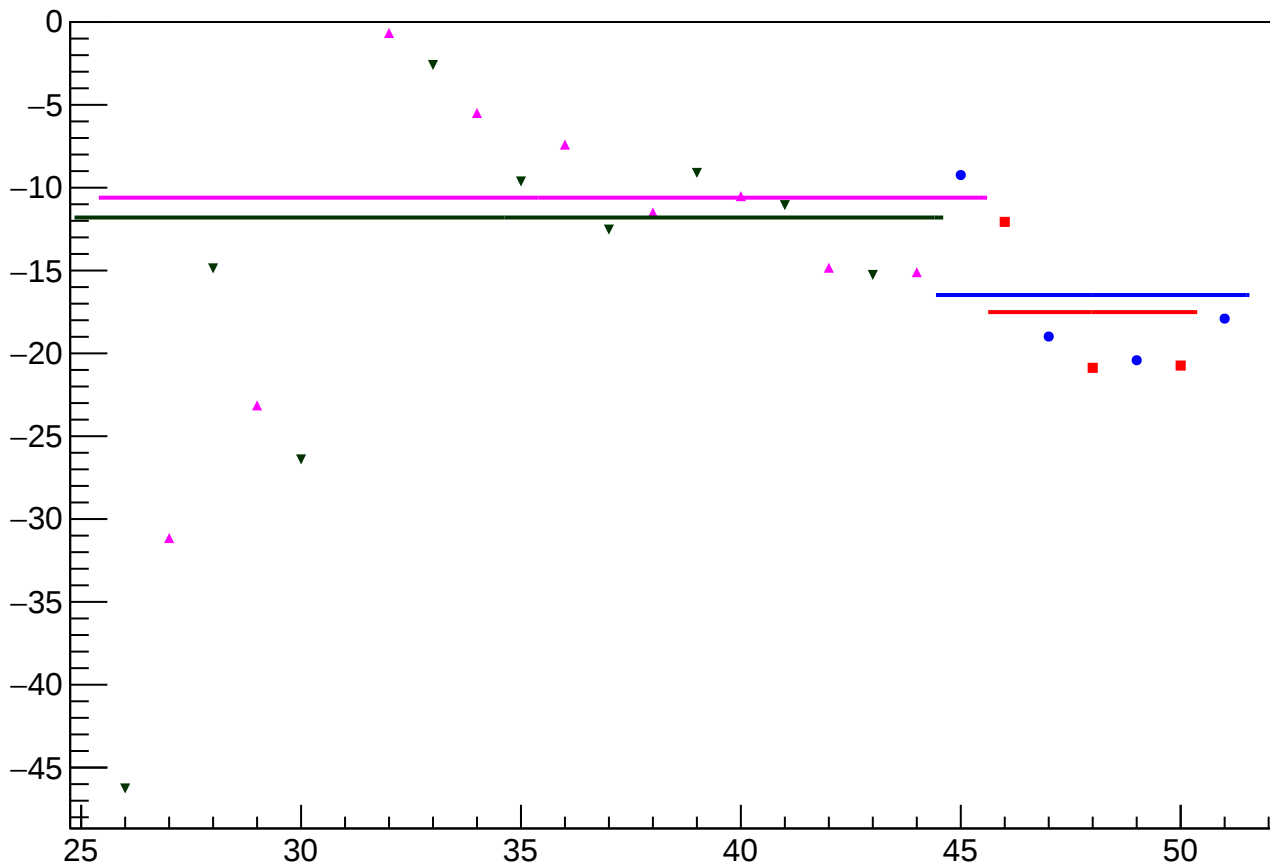
Right Out: -11.266 $\pm$ 0.124 χ^2 /NDF: 1693.2/2

Left In: -11.617 $\pm$ 0.057 χ^2 /NDF: 8593.1/8

-11.667 $\pm$ 0.052 χ^2 /NDF: 4958.5/12

-11.556 $\pm$ 0.052 χ^2 /NDF: 10292.9/11

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -16.477 $\pm$ 0.023 χ^2 /NDF: 45736.8/3

Left Out: -11.800 $\pm$ 0.014 χ^2 /NDF: 232573.7/8

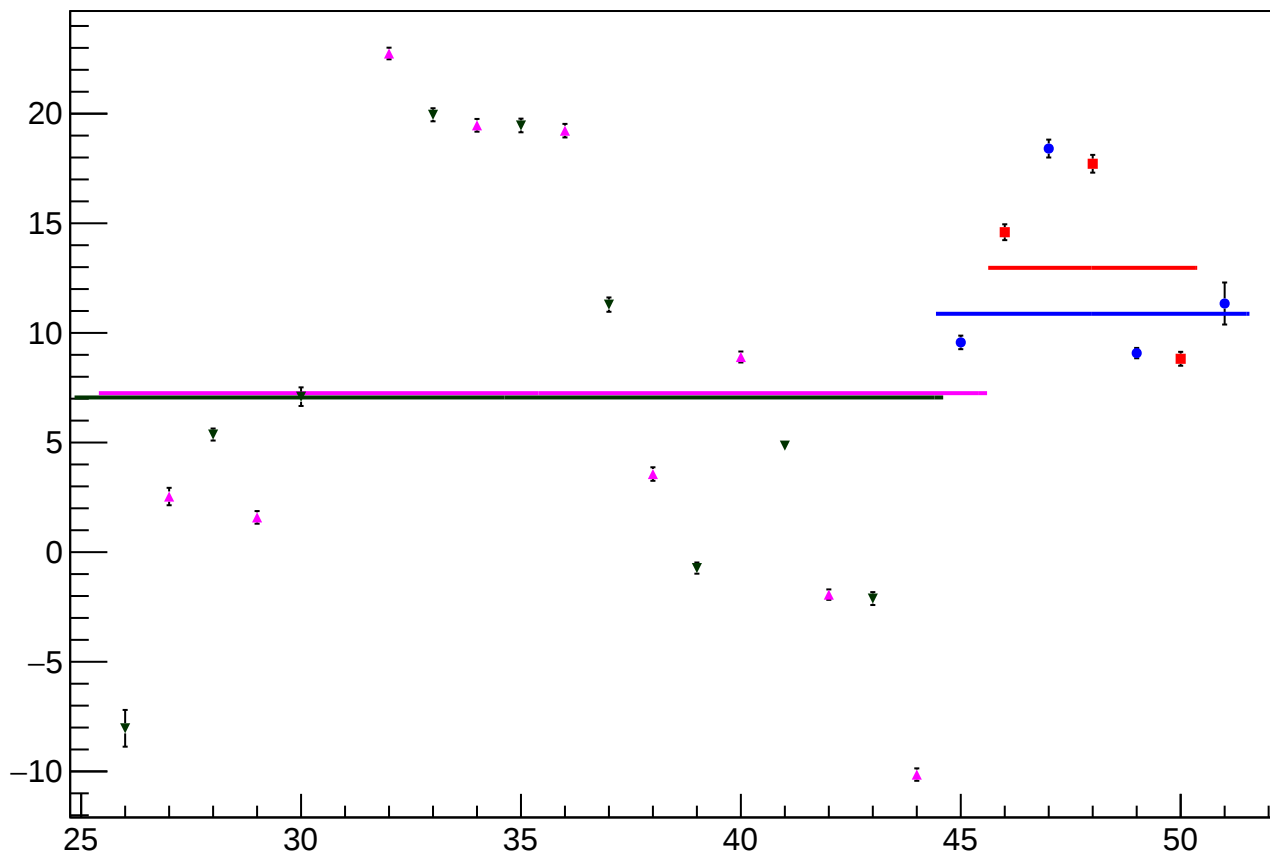
Right Out: -17.509 $\pm$ 0.028 χ^2 /NDF: 22852.6/2

Left In: -10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-12.973 $\pm$ 0.012 χ^2 /NDF: 308141.6/12

-11.808 $\pm$ 0.012 χ^2 /NDF: 393581.6/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 10.872 $\pm$ 0.168 χ^2 /NDF: 416.8/3

Left Out: 7.056 $\pm$ 0.101 χ^2 /NDF: 5984.3/8

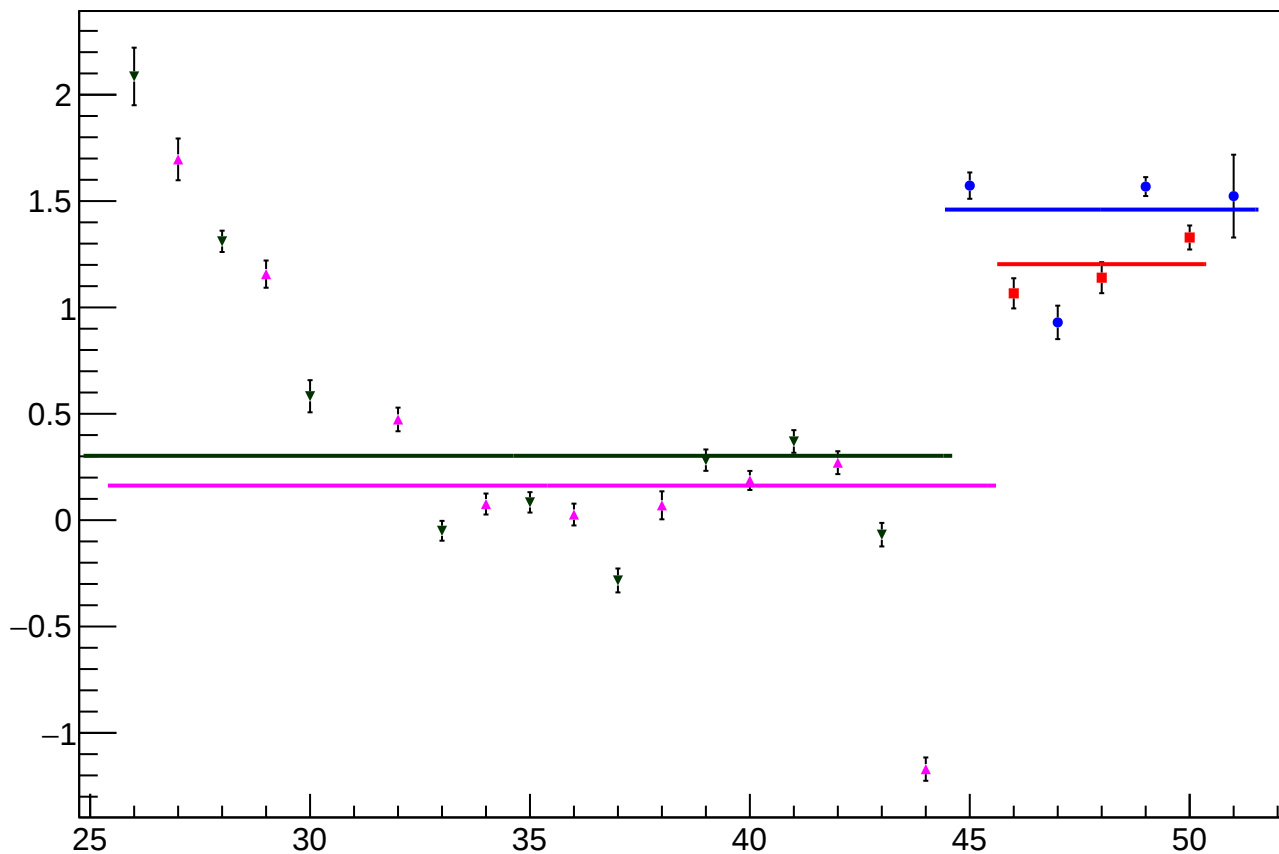
Right Out: 12.968 $\pm$ 0.205 χ^2 /NDF: 329.0/2

Left In: 7.252 $\pm$ 0.095 χ^2 /NDF: 12651.2/8

8.071 $\pm$ 0.087 χ^2 /NDF: 6780.4/12

8.254 $\pm$ 0.086 χ^2 /NDF: 13619.2/11

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.460 $\pm$ 0.032 χ^2/NDF : 54.8/3

Left Out: 0.303 $\pm$ 0.019 χ^2/NDF : 825.4/8

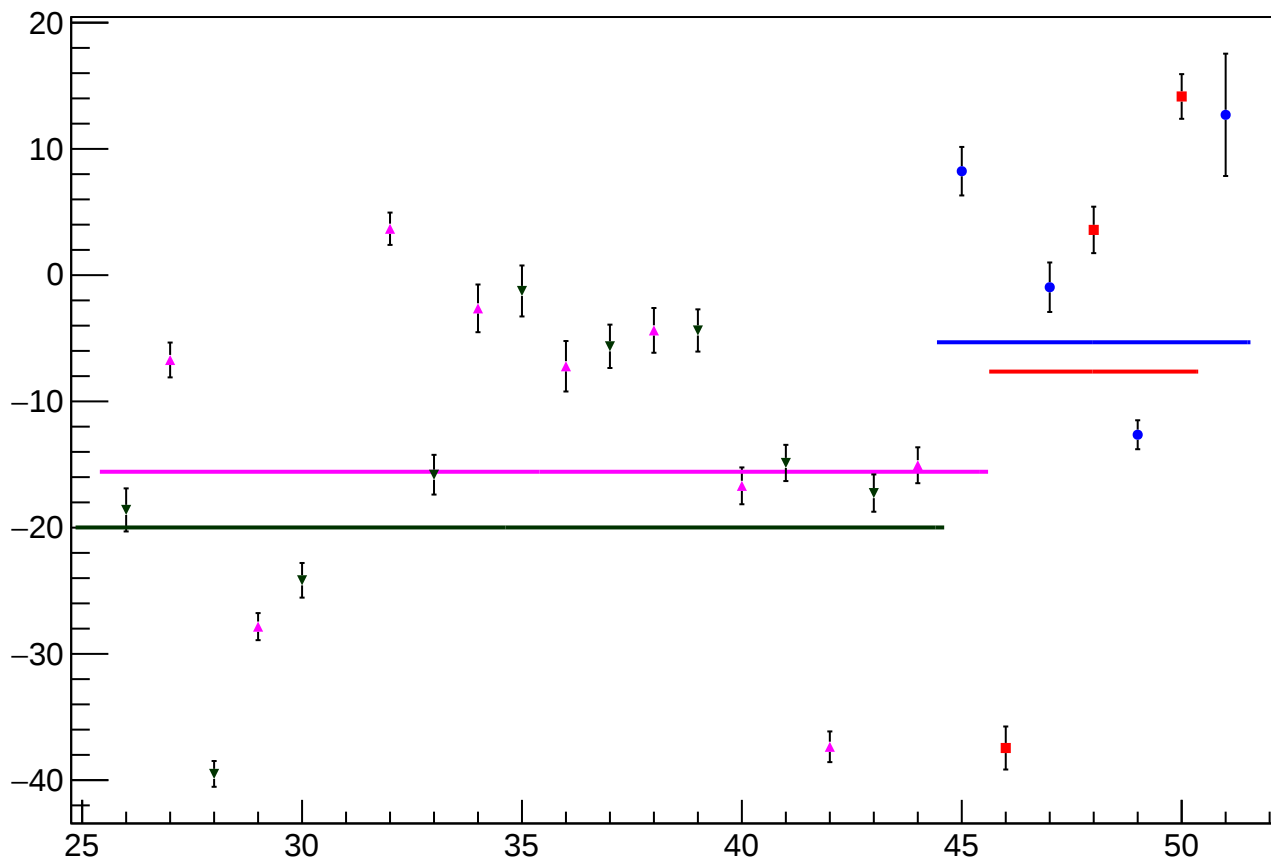
Right Out: 1.203 $\pm$ 0.038 χ^2/NDF : 9.4/2

Left In: 0.162 $\pm$ 0.019 χ^2/NDF : 1123.7/8

0.588 $\pm$ 0.016 χ^2/NDF : 1843.8/12

0.367 $\pm$ 0.017 χ^2/NDF : 1743.9/11

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -5.316+/-0.866 χ^2/NDF : 109.3/3

Left Out: -19.986+/-0.492 χ^2/NDF : 641.4/8

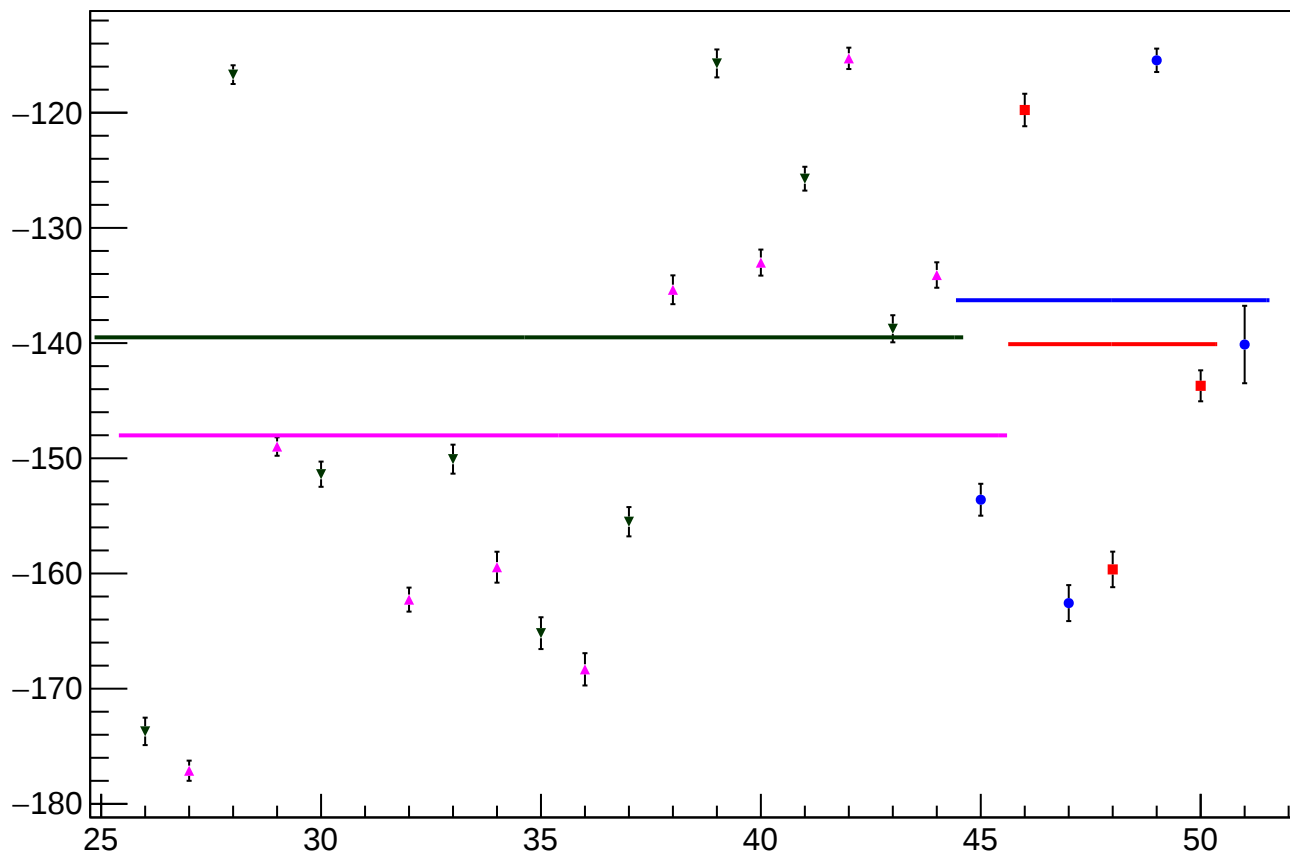
Right Out: -7.639+/-1.021 χ^2/NDF : 495.0/2

Left In: -15.574+/-0.472 χ^2/NDF : 824.1/8

-16.399+/-0.428 χ^2/NDF : 967.6/12

-14.178+/-0.428 χ^2/NDF : 1368.9/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -136.279+/-0.709 χ^2 /NDF: 860.9/3

Left Out: -139.501+/-0.374 χ^2 /NDF:2866.7/8

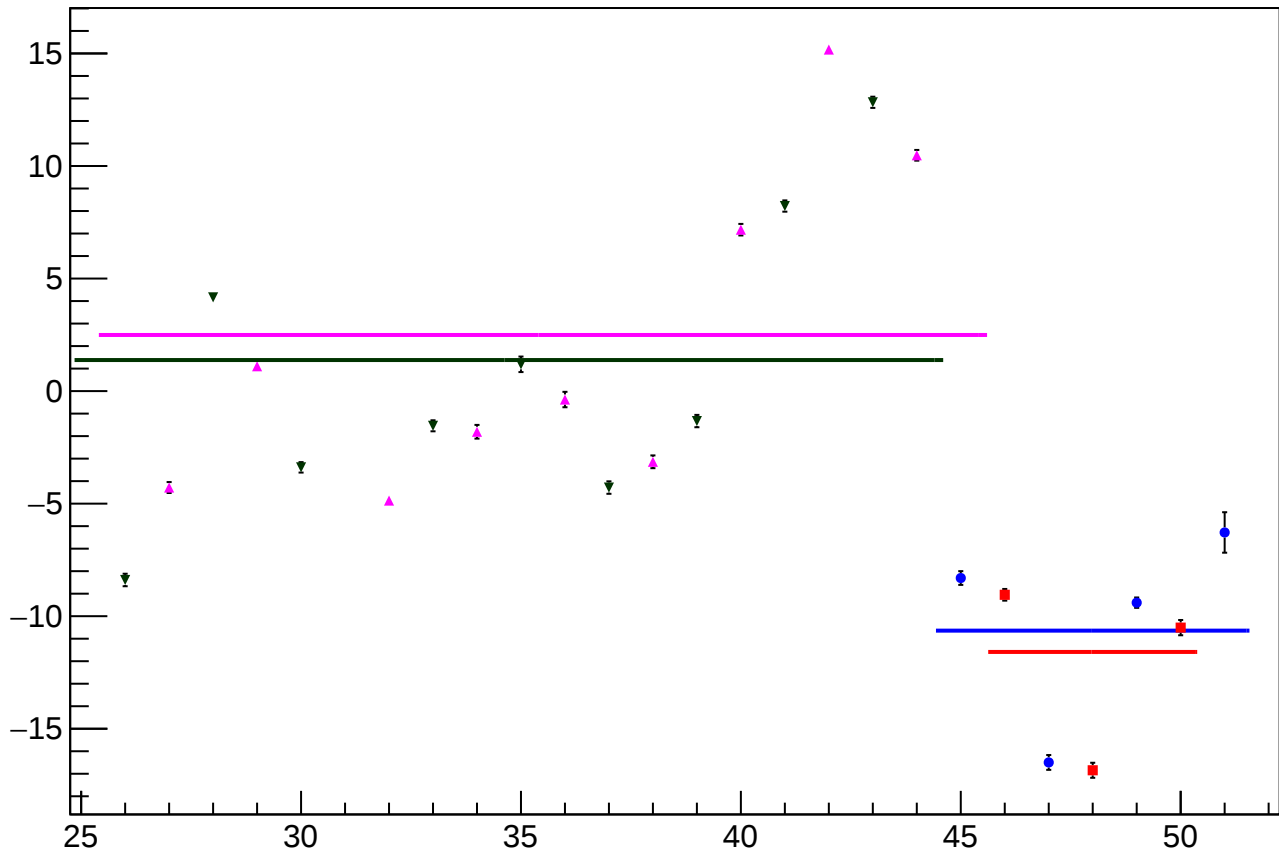
Right Out: -140.093+/-0.823 χ^2 /NDF: 375.6/2

Left In: -148.011+/-0.348 χ^2 /NDF:3260.7/8

-138.801+/-0.331 χ^2 /NDF: 3743.7/12

-146.810+/-0.321 χ^2 /NDF: 3714.8/11

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -10.642+/-0.158 χ^2/NDF : 427.2/3

Left Out: 1.380+/-0.083 χ^2/NDF : 5402.0/8

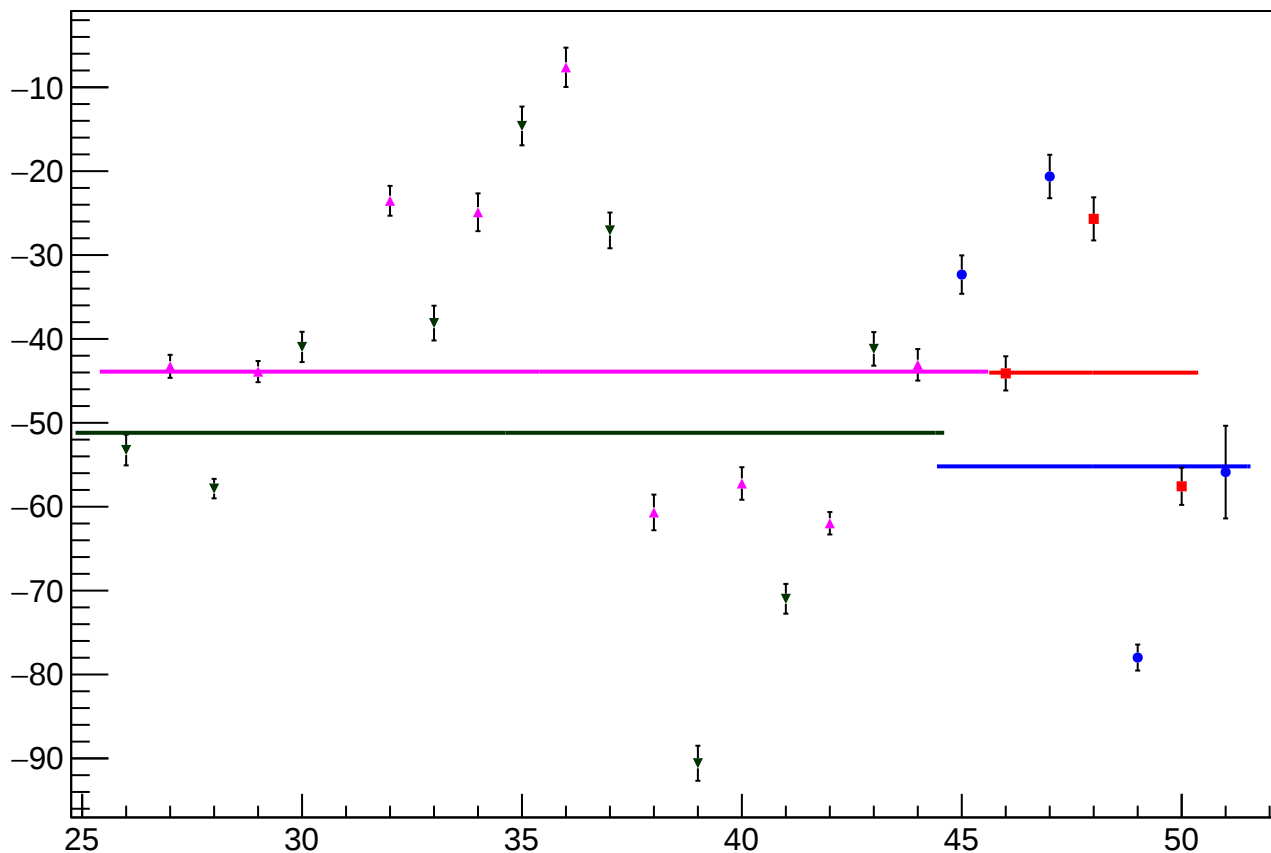
Right Out: -11.588+/-0.175 χ^2/NDF : 353.3/2

Left In: 2.493+/-0.081 χ^2/NDF : 7773.1/8

-1.235+/-0.074 χ^2/NDF : 10359.4/12

0.012+/-0.074 χ^2/NDF : 13432.8/11

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -55.190 $\pm$ 1.126 χ^2 /NDF: 494.2/3

Left Out: -51.187 $\pm$ 0.599 χ^2 /NDF: 989.9/8

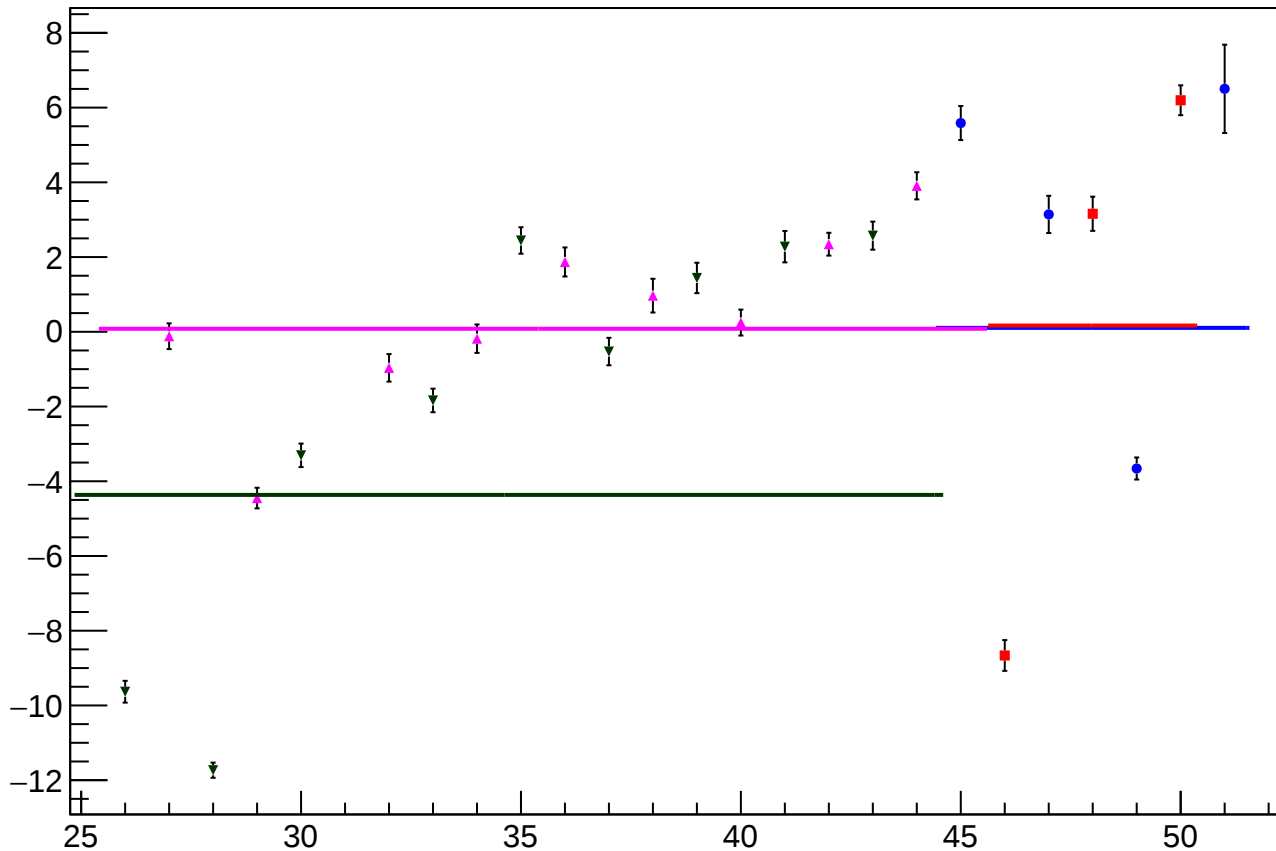
Right Out: -44.016 $\pm$ 1.296 χ^2 /NDF: 88.3/2

Left In: -43.897 $\pm$ 0.560 χ^2 /NDF: 735.5/8

-52.071 $\pm$ 0.529 χ^2 /NDF: 1494.0/12

-43.915 $\pm$ 0.514 χ^2 /NDF: 823.8/11

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 0.105+/-0.218 χ^2/NDF : 373.9/3

Left Out: -4.365+/-0.105 χ^2/NDF : 2995.2/8

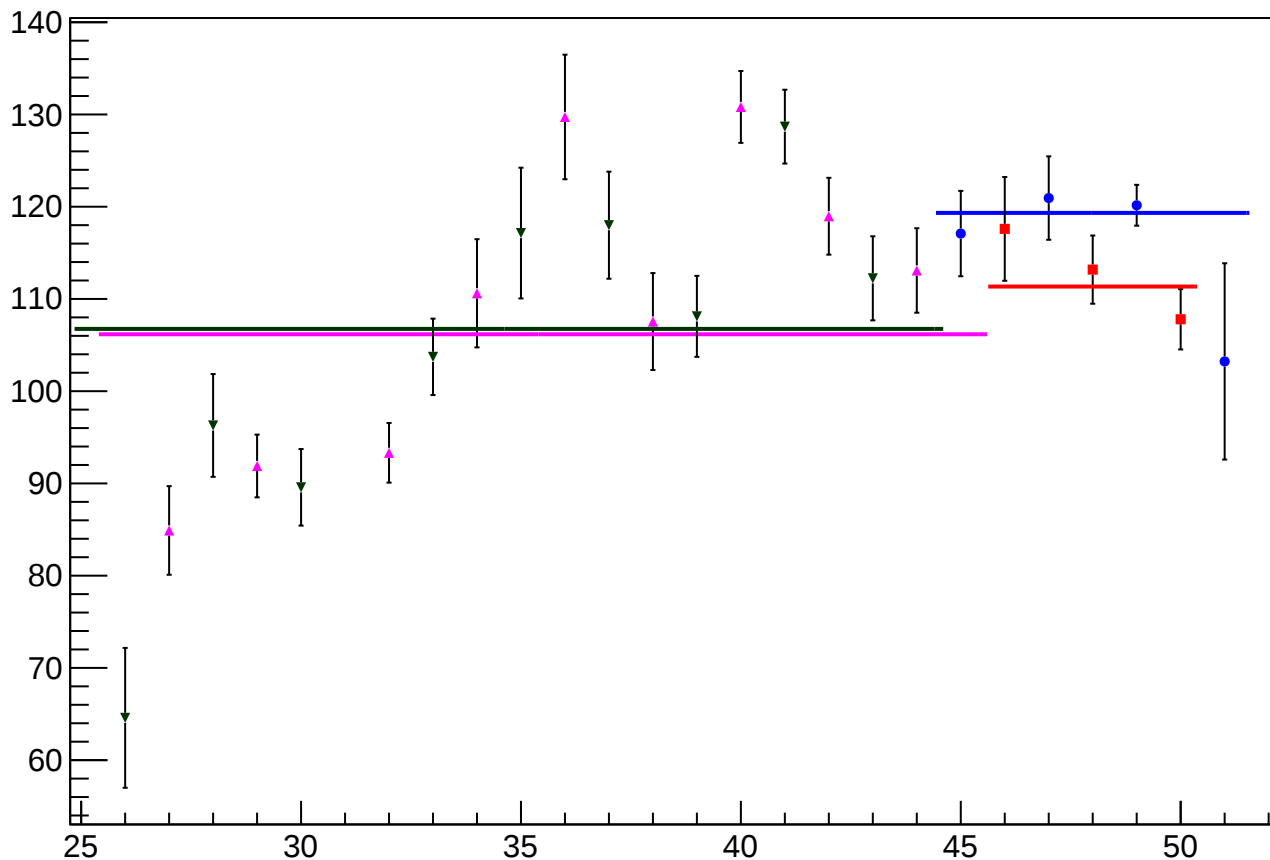
Right Out: 0.167+/-0.243 χ^2/NDF : 730.6/2

Left In: 0.082+/-0.116 χ^2/NDF : 470.0/8

-3.521+/-0.095 χ^2/NDF : 3710.3/12

0.098+/-0.105 χ^2/NDF : 1200.7/11

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 119.330 $\pm$ 1.801 χ^2 /NDF: 2.8/3

Left Out: 106.753 $\pm$ 1.626 χ^2 /NDF: 89.6/8

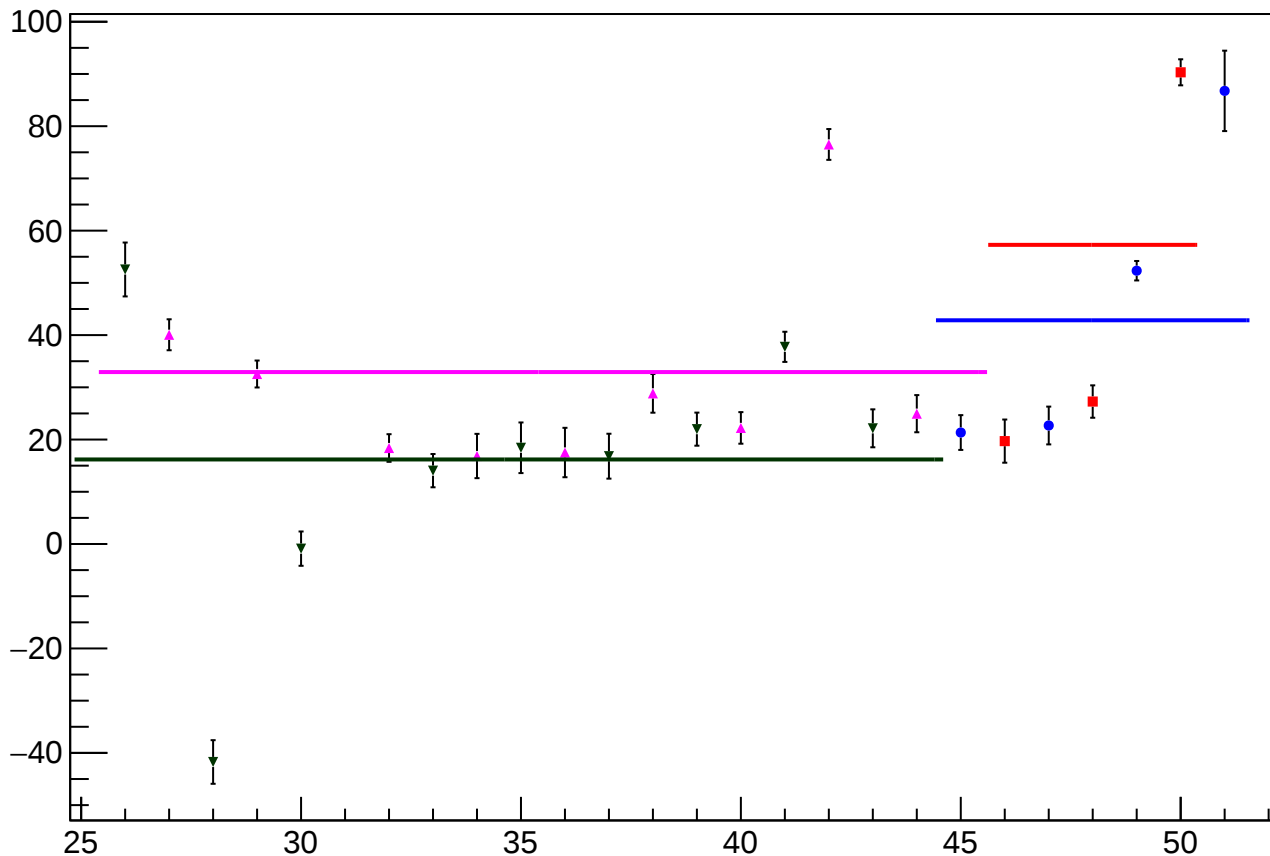
Right Out: 111.344 $\pm$ 2.245 χ^2 /NDF: 2.7/2

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF: 117.6/8

112.404 $\pm$ 1.207 χ^2 /NDF: 119.2/12

107.675 $\pm$ 1.211 χ^2 /NDF: 124.0/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 42.836+/-1.456 χ^2/NDF : 131.2/3

Left Out: 16.187+/-1.214 χ^2/NDF : 331.6/8

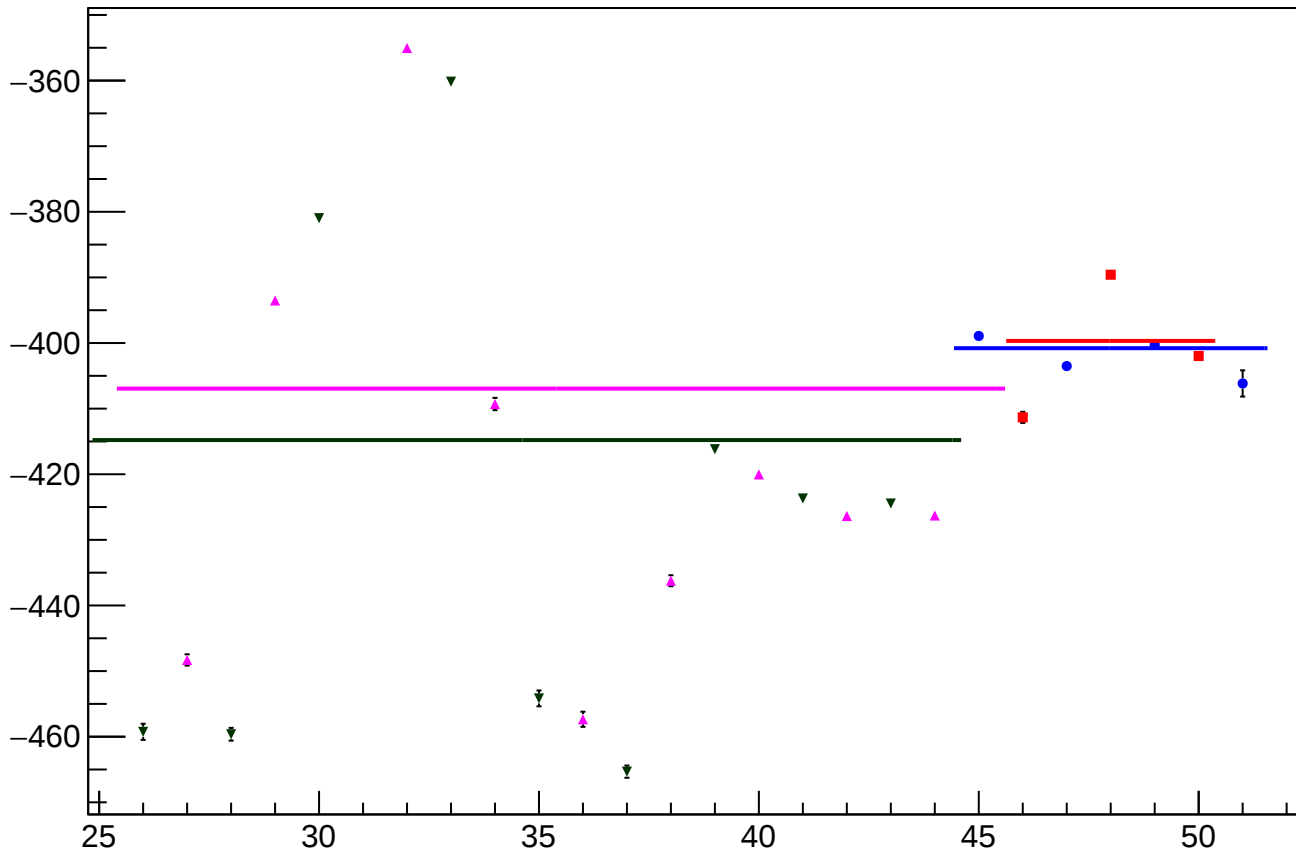
Right Out: 57.280+/-1.759 χ^2/NDF : 351.8/2

Left In: 32.922+/-1.064 χ^2/NDF : 297.8/8

27.118+/-0.933 χ^2/NDF : 660.4/12

39.449+/-0.910 χ^2/NDF : 790.1/11

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -400.787+/-0.340 χ^2/NDF : 27.7/3

Left Out: -414.789+/-0.271 χ^2/NDF : 17193.7/8

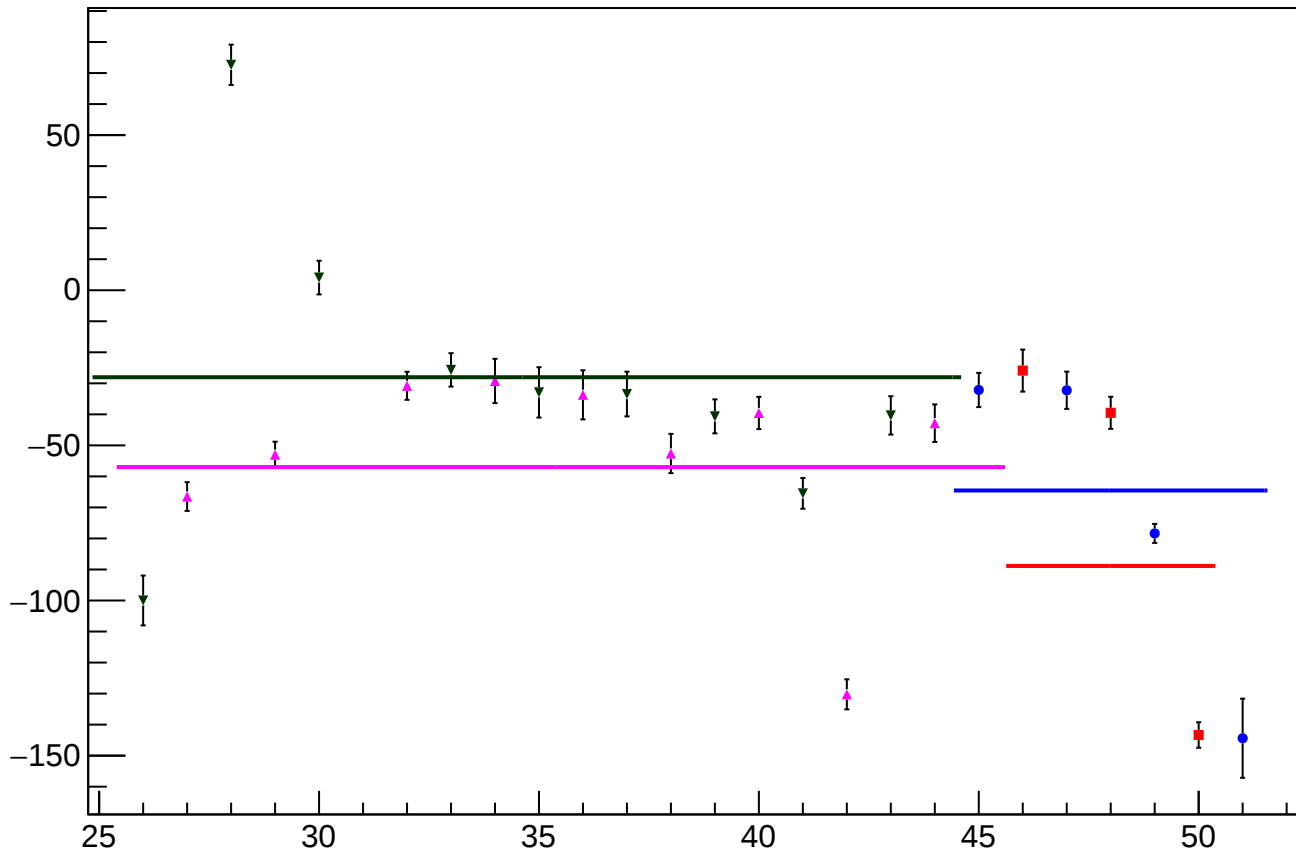
Right Out: -399.676+/-0.404 χ^2/NDF : 424.7/2

Left In: -406.947+/-0.246 χ^2/NDF : 18132.7/8

-409.353+/-0.212 χ^2/NDF : 18256.6/12

-404.982+/-0.210 χ^2/NDF : 18793.4/11

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -64.537 ± 2.404 $\chi^2/\text{NDF}: 123.0/3$

Left Out: -28.036 ± 2.031 $\chi^2/\text{NDF}: 423.4/8$

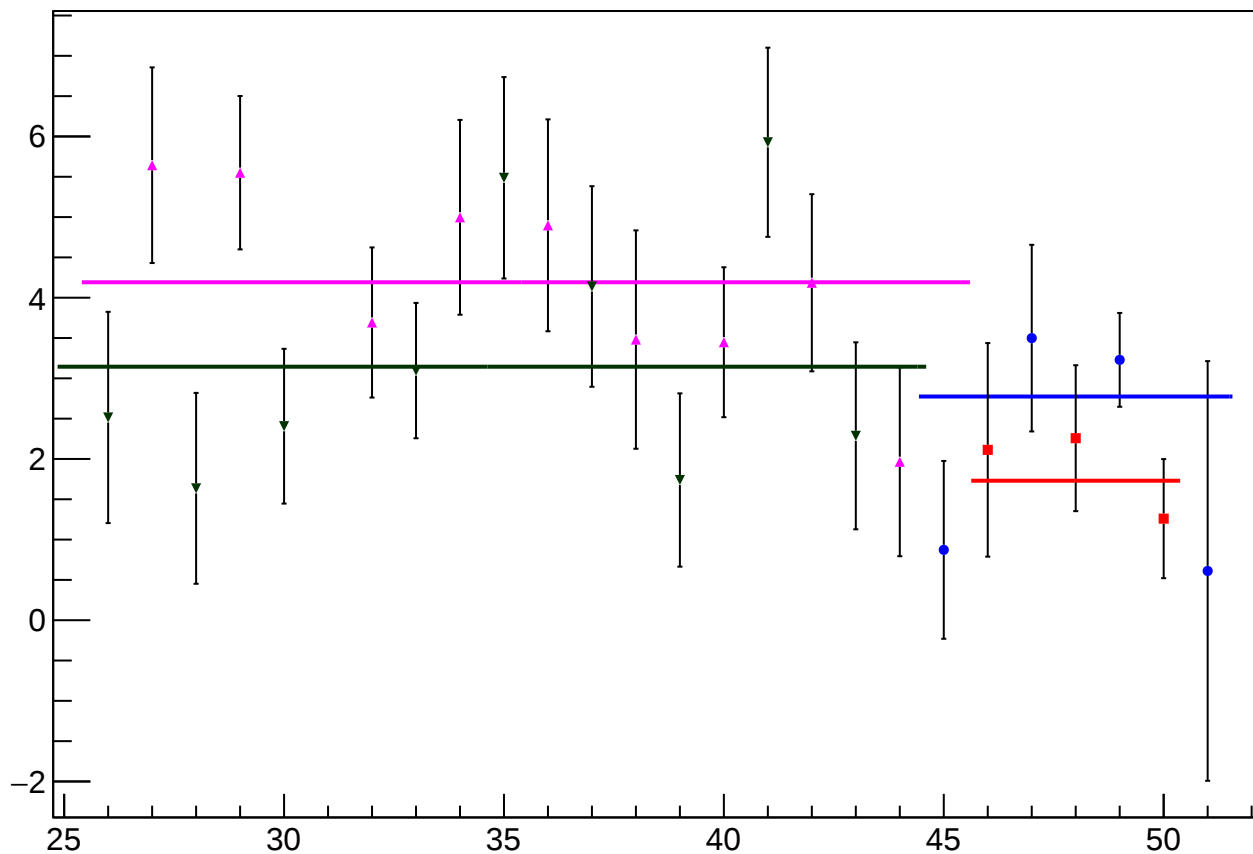
Right Out: -88.857 ± 2.907 $\chi^2/\text{NDF}: 353.1/2$

Left In: -56.994 ± 1.767 $\chi^2/\text{NDF}: 308.6/8$

-43.241 ± 1.551 $\chi^2/\text{NDF}: 680.9/12$

-65.592 ± 1.510 $\chi^2/\text{NDF}: 749.3/11$

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 2.774 ± 0.463 χ^2/NDF : 4.7/3

Left Out: 3.144 ± 0.367 χ^2/NDF : 14.5/8

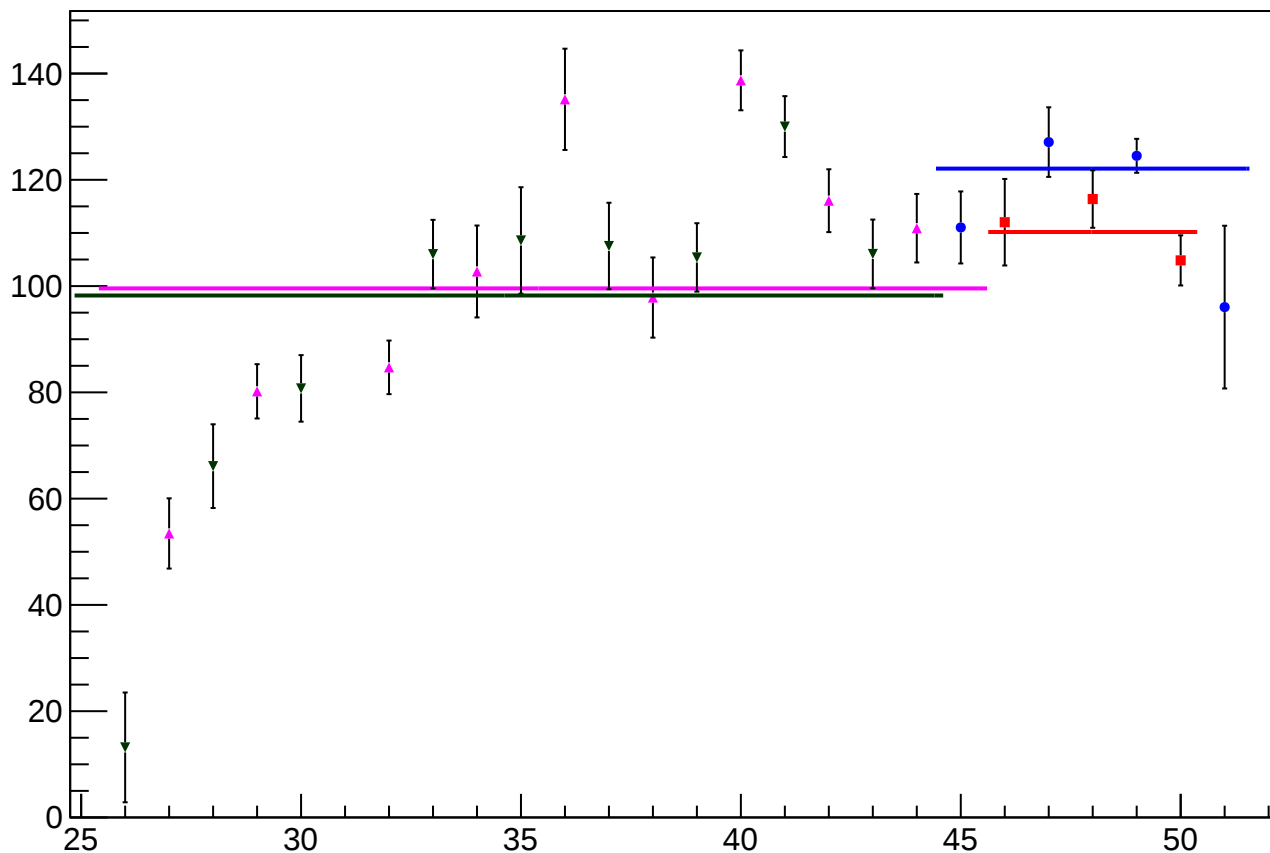
Right Out: 1.730 ± 0.525 χ^2/NDF : 0.8/2

Left In: 4.191 ± 0.366 χ^2/NDF : 9.0/8

3.002 ± 0.288 χ^2/NDF : 19.6/12

3.387 ± 0.300 χ^2/NDF : 24.6/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 122.108 ± 2.606 χ^2/NDF : 6.7/3

Left Out: 98.229 ± 2.366 χ^2/NDF : 129.5/8

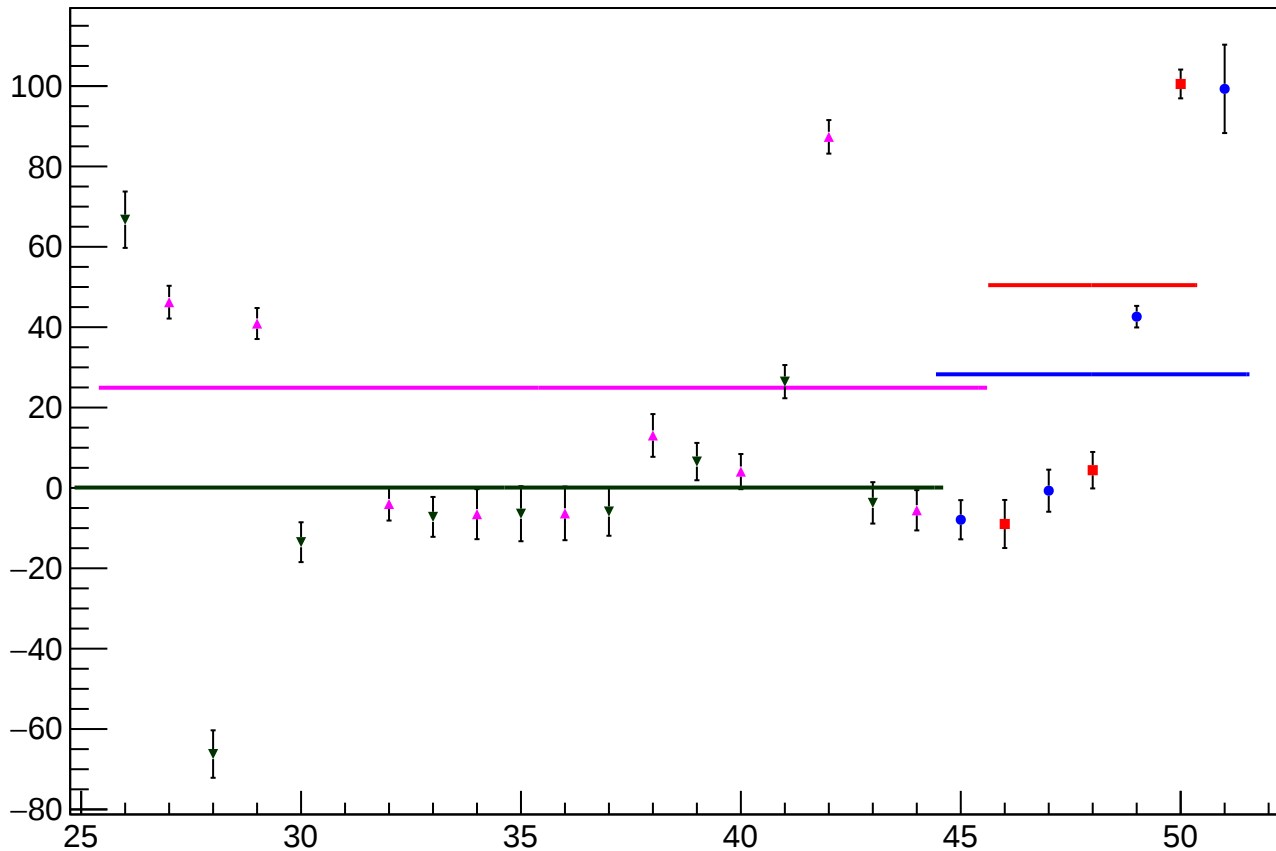
Right Out: 110.178 ± 3.258 χ^2/NDF : 2.6/2

Left In: 99.563 ± 2.101 χ^2/NDF : 145.0/8

109.019 ± 1.752 χ^2/NDF : 182.2/12

102.681 ± 1.766 χ^2/NDF : 155.2/11

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 28.274+/-2.105 χ^2/NDF : 156.0/3

Left Out: 0.093+/-1.763 χ^2/NDF : 271.1/8

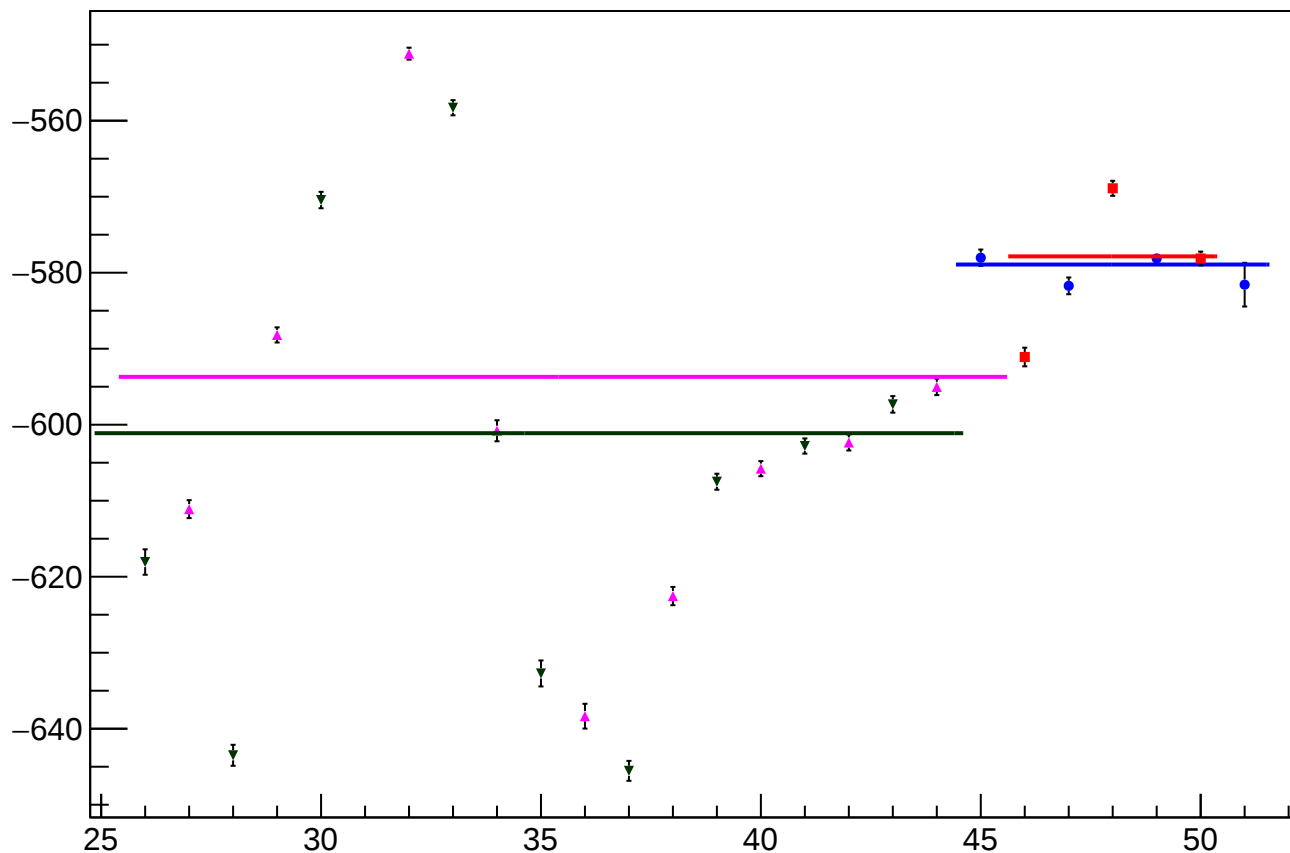
Right Out: 50.457+/-2.546 χ^2/NDF : 396.7/2

Left In: 24.935+/-1.545 χ^2/NDF : 429.4/8

11.713+/-1.352 χ^2/NDF : 532.4/12

31.802+/-1.321 χ^2/NDF : 899.5/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -578.925+/-0.493 χ^2 /NDF: 9.5/3

Left Out: -601.116+/-0.395 χ^2 /NDF: 5229.3/8

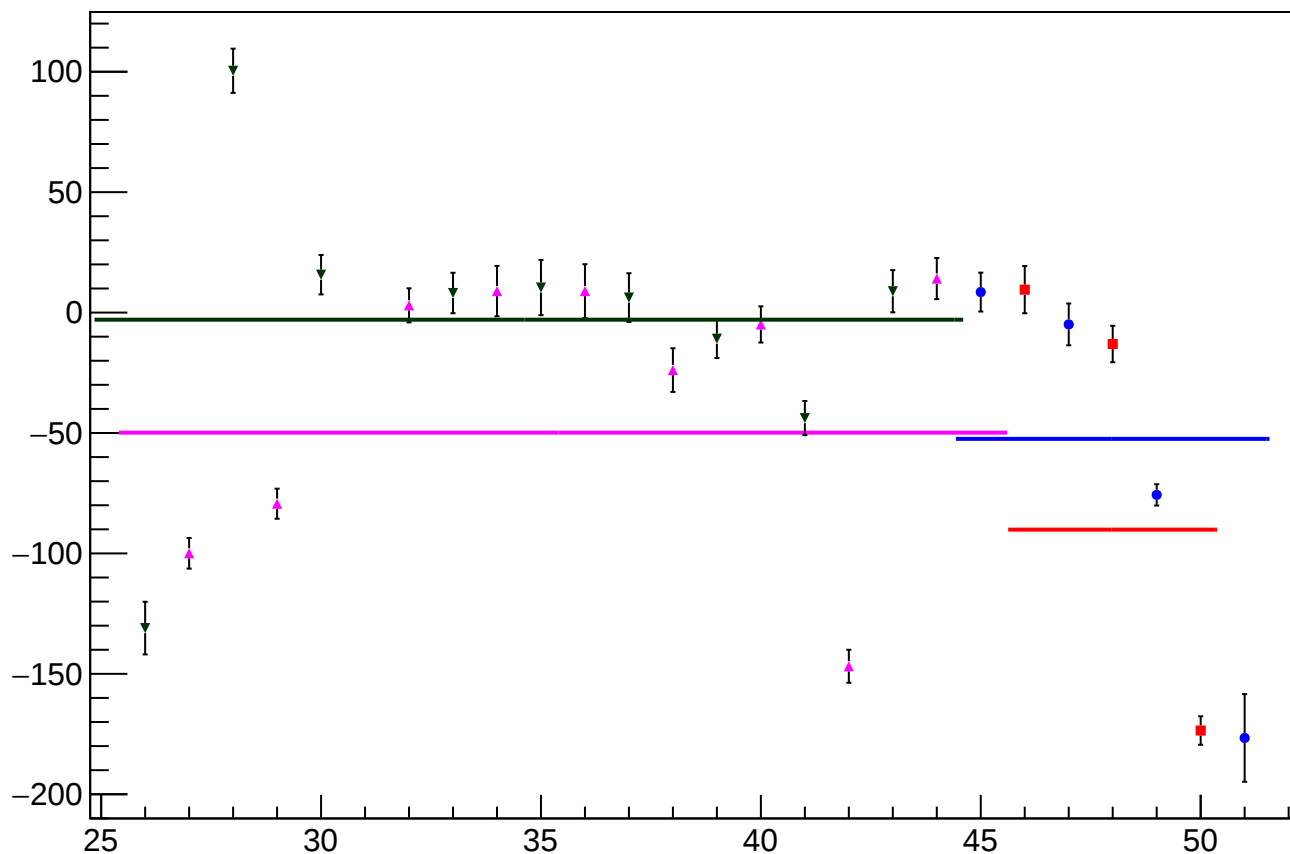
Right Out: -577.852+/-0.587 χ^2 /NDF: 198.4/2

Left In: -593.704+/-0.360 χ^2 /NDF: 4731.8/8

-592.440+/-0.308 χ^2 /NDF: 6472.6/12

-589.364+/-0.307 χ^2 /NDF: 5460.1/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -52.434 ± 3.475 $\chi^2/\text{NDF}: 161.2/3$

Left Out: -2.951 ± 2.946 $\chi^2/\text{NDF}: 309.3/8$

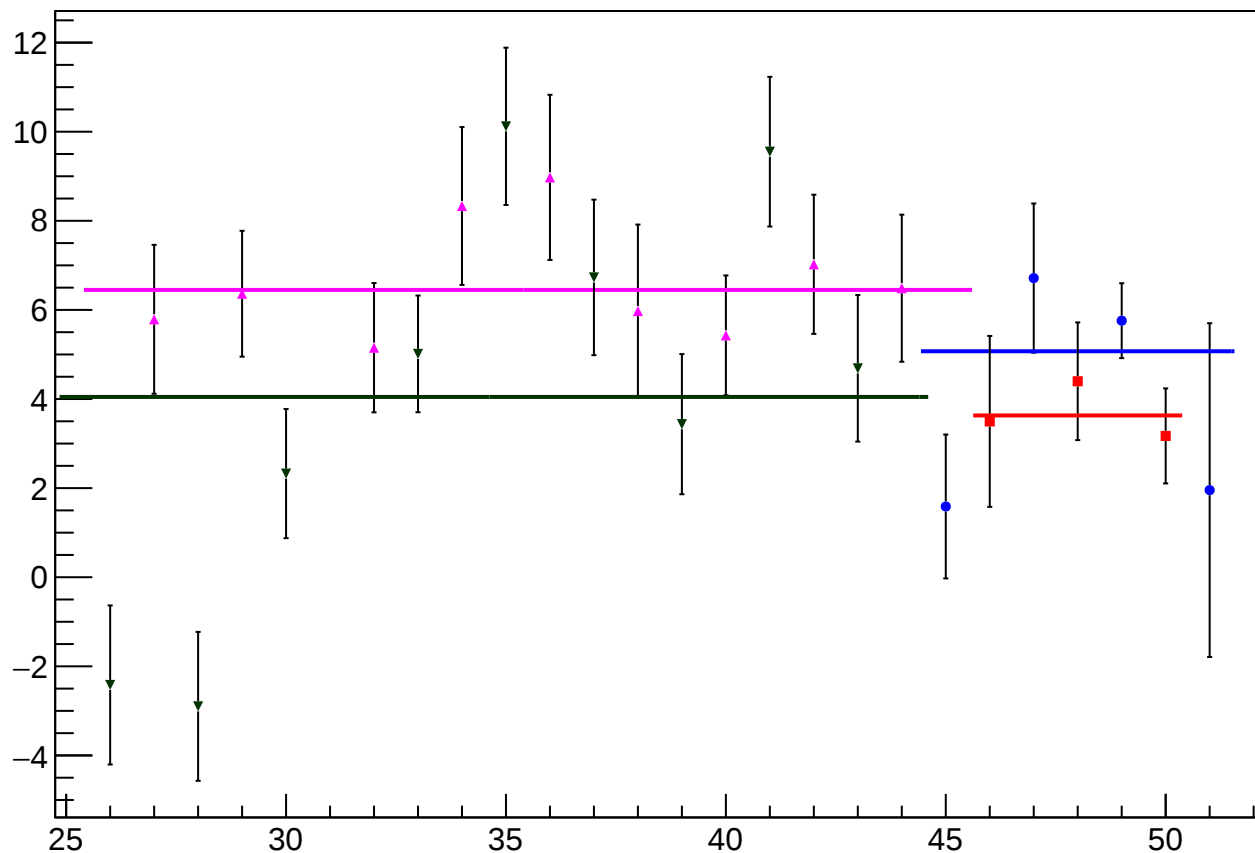
Right Out: -90.123 ± 4.208 $\chi^2/\text{NDF}: 406.0/2$

Left In: -49.855 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

-23.646 ± 2.247 $\chi^2/\text{NDF}: 588.5/12$

-60.741 ± 2.188 $\chi^2/\text{NDF}: 972.9/11$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 5.072 $\pm$ 0.670 χ^2 /NDF: 7.0/3

Left Out: 4.047 $\pm$ 0.534 χ^2 /NDF: 57.6/8

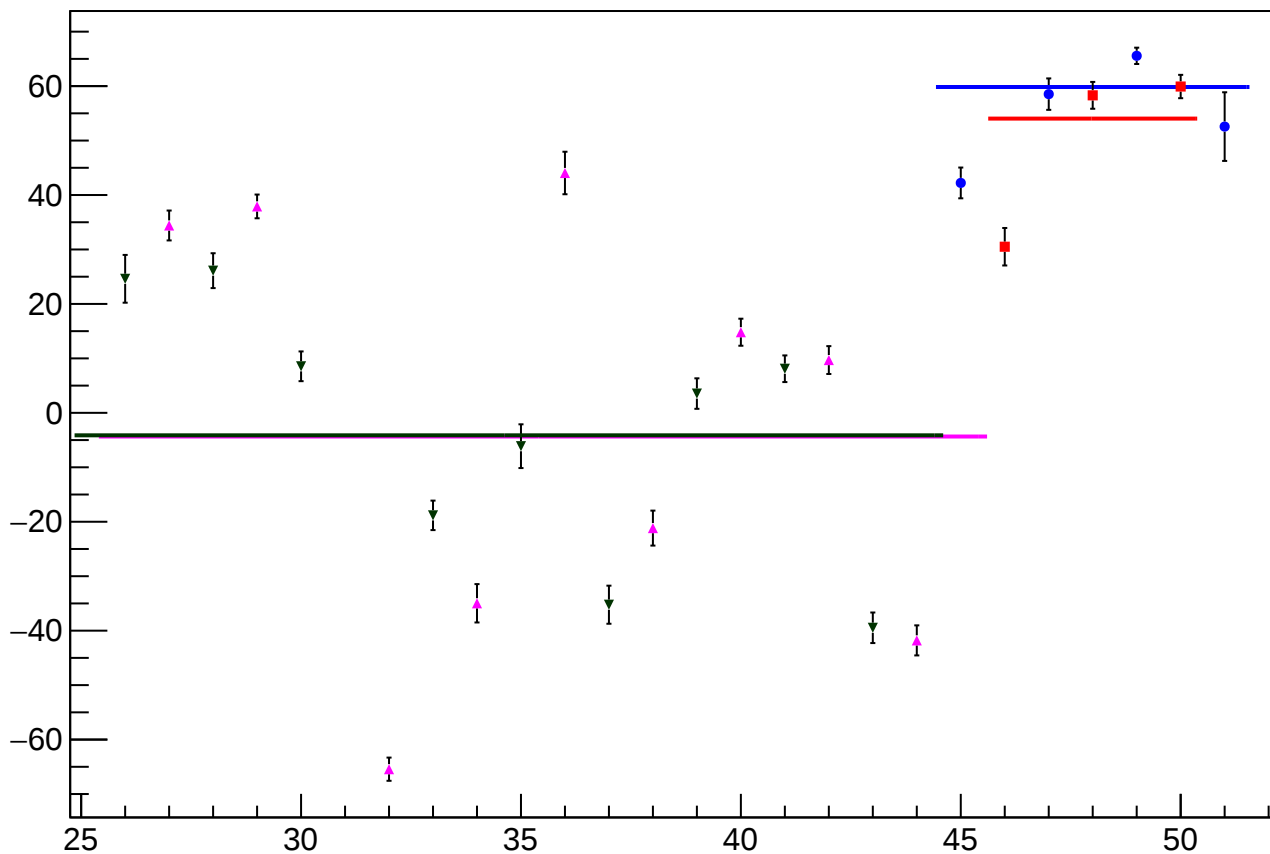
Right Out: 3.631 $\pm$ 0.762 χ^2 /NDF: 0.5/2

Left In: 6.449 $\pm$ 0.532 χ^2 /NDF: 4.7/8

4.445 $\pm$ 0.418 χ^2 /NDF: 66.0/12

5.526 $\pm$ 0.436 χ^2 /NDF: 14.5/11

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 59.836+/-1.182 χ^2 /NDF: 55.0/3

Left Out: -4.129+/-1.007 χ^2 /NDF: 453.7/8

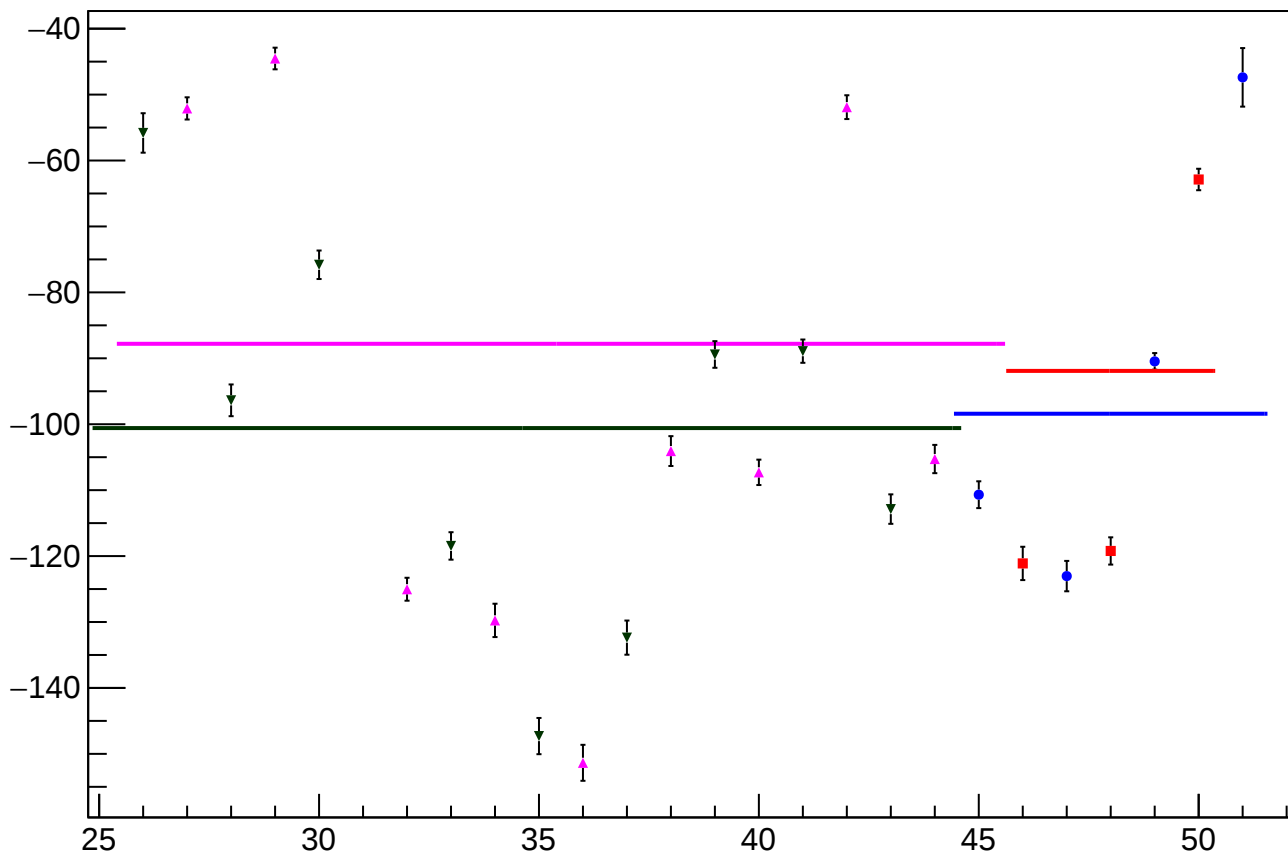
Right Out: 54.035+/-1.464 χ^2 /NDF: 57.3/2

Left In: -4.348+/-0.893 χ^2 /NDF: 1927.7/8

22.774+/-0.767 χ^2 /NDF: 2204.6/12

11.496+/-0.763 χ^2 /NDF: 3144.1/11

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -98.407+/-0.948 χ^2/NDF : 322.6/3

Left Out: -100.583+/-0.750 χ^2/NDF : 975.8/8

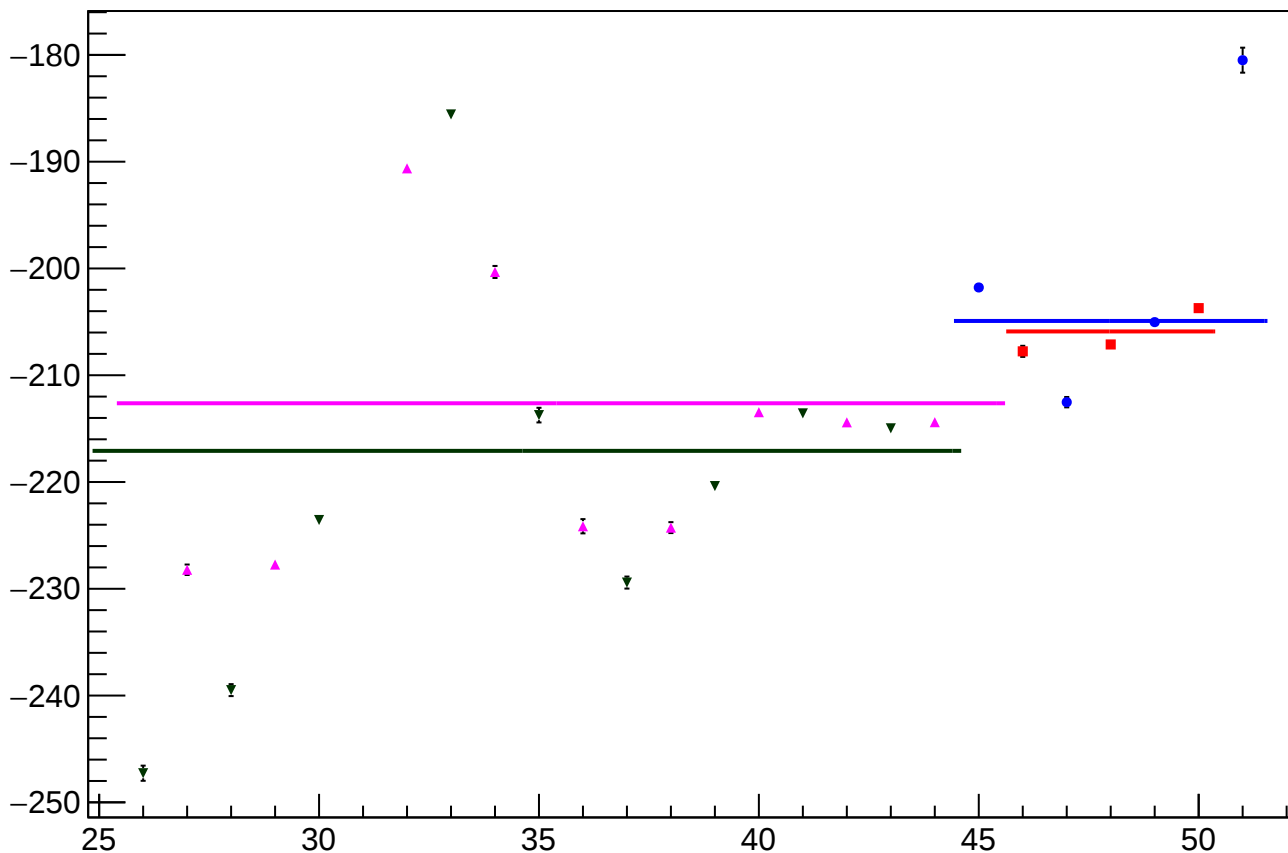
Right Out: -91.910+/-1.141 χ^2/NDF : 626.1/2

Left In: -87.800+/-0.654 χ^2/NDF : 3036.8/8

-99.745+/-0.588 χ^2/NDF : 1301.7/12

-88.817+/-0.568 χ^2/NDF : 3672.7/11

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -204.916+/-0.221 χ^2/NDF : 728.8/3

Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

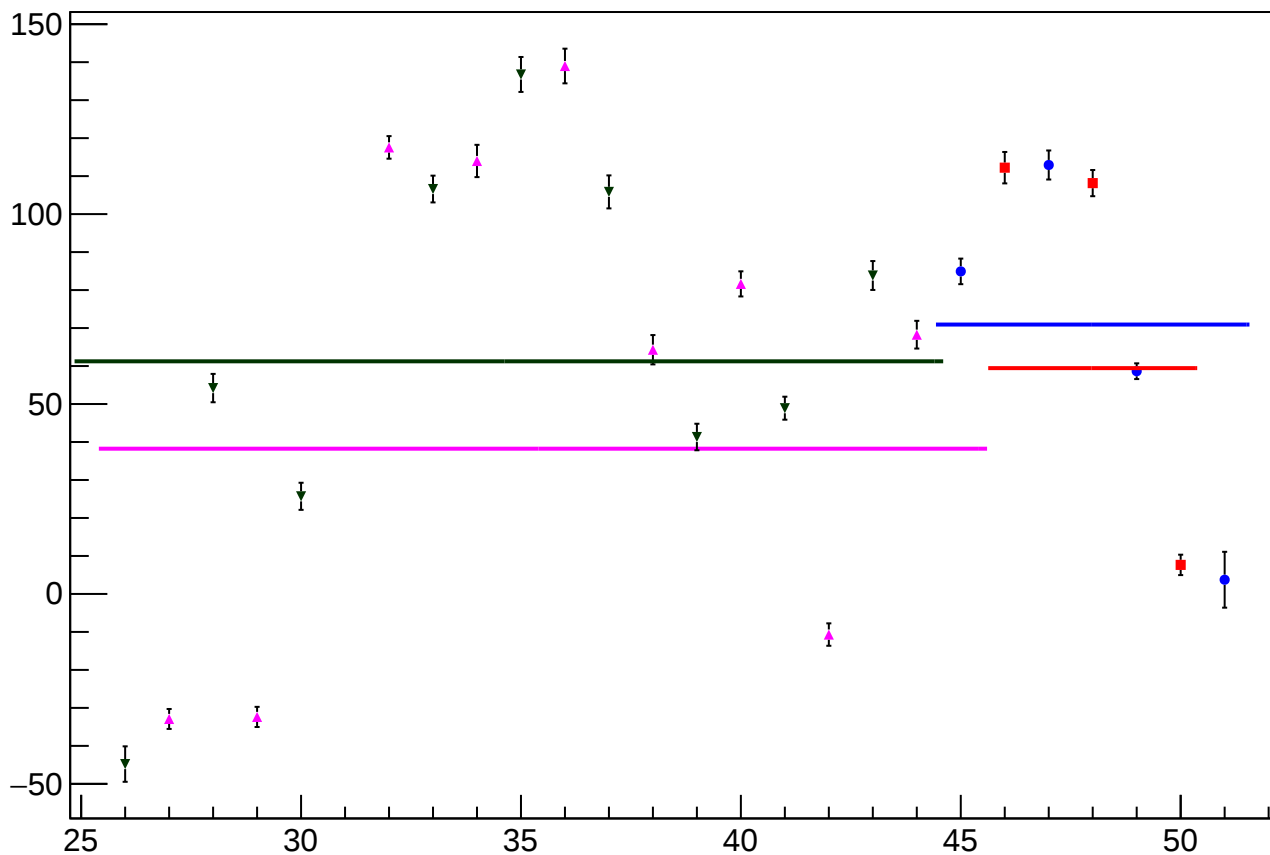
Right Out: -205.898+/-0.262 χ^2/NDF : 48.4/2

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-212.625+/-0.134 χ^2/NDF : 12529.2/12

-210.920+/-0.132 χ^2/NDF : 8583.7/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 70.923+/-1.564 χ^2/NDF : 256.7/3

Left Out: 61.242+/-1.253 χ^2/NDF : 1243.9/8

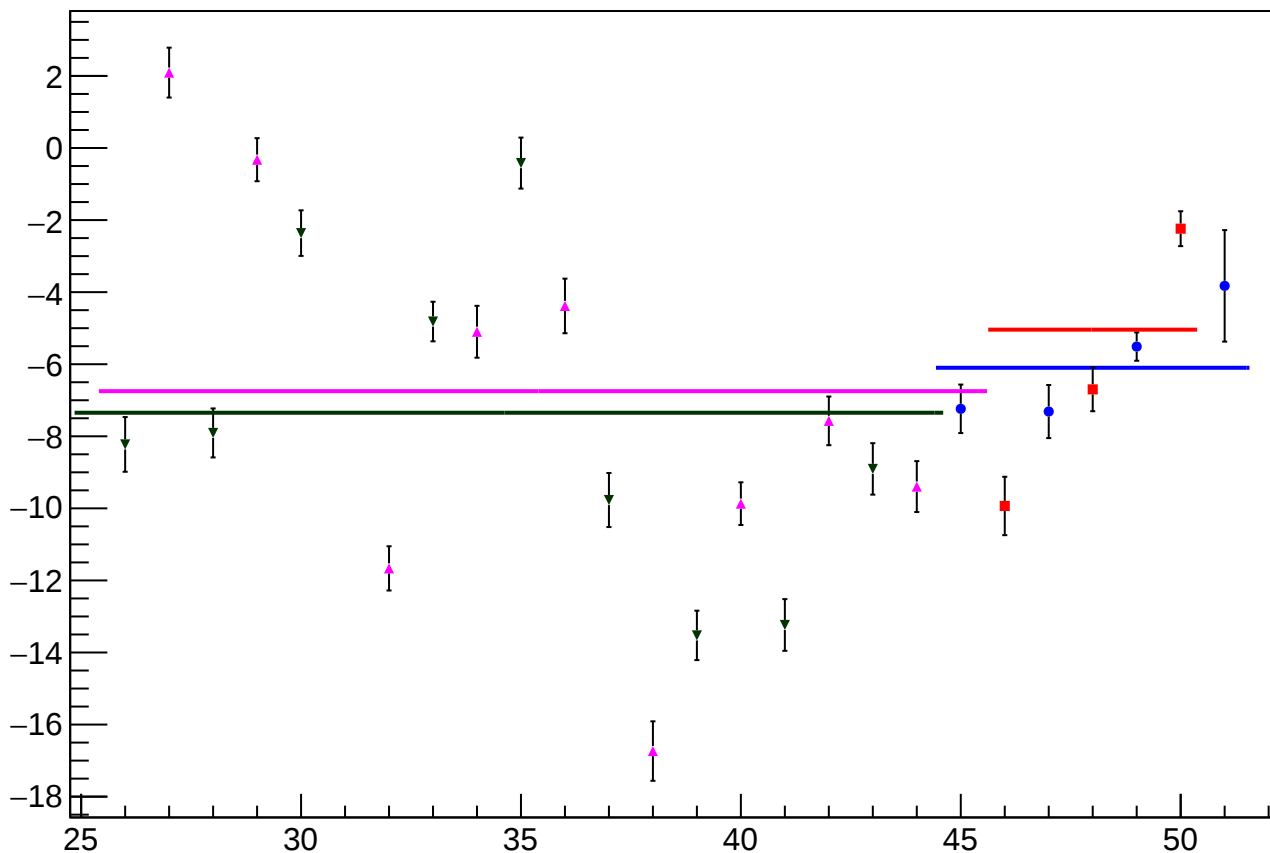
Right Out: 59.449+/-1.886 χ^2/NDF : 734.5/2

Left In: 38.240+/-1.083 χ^2/NDF : 3520.6/8

65.023+/-0.978 χ^2/NDF : 1523.9/12

43.503+/-0.939 χ^2/NDF : 4350.2/11

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -6.098+/-0.302 χ^2/NDF : 10.0/3

Left Out: -7.346+/-0.226 χ^2/NDF : 345.0/8

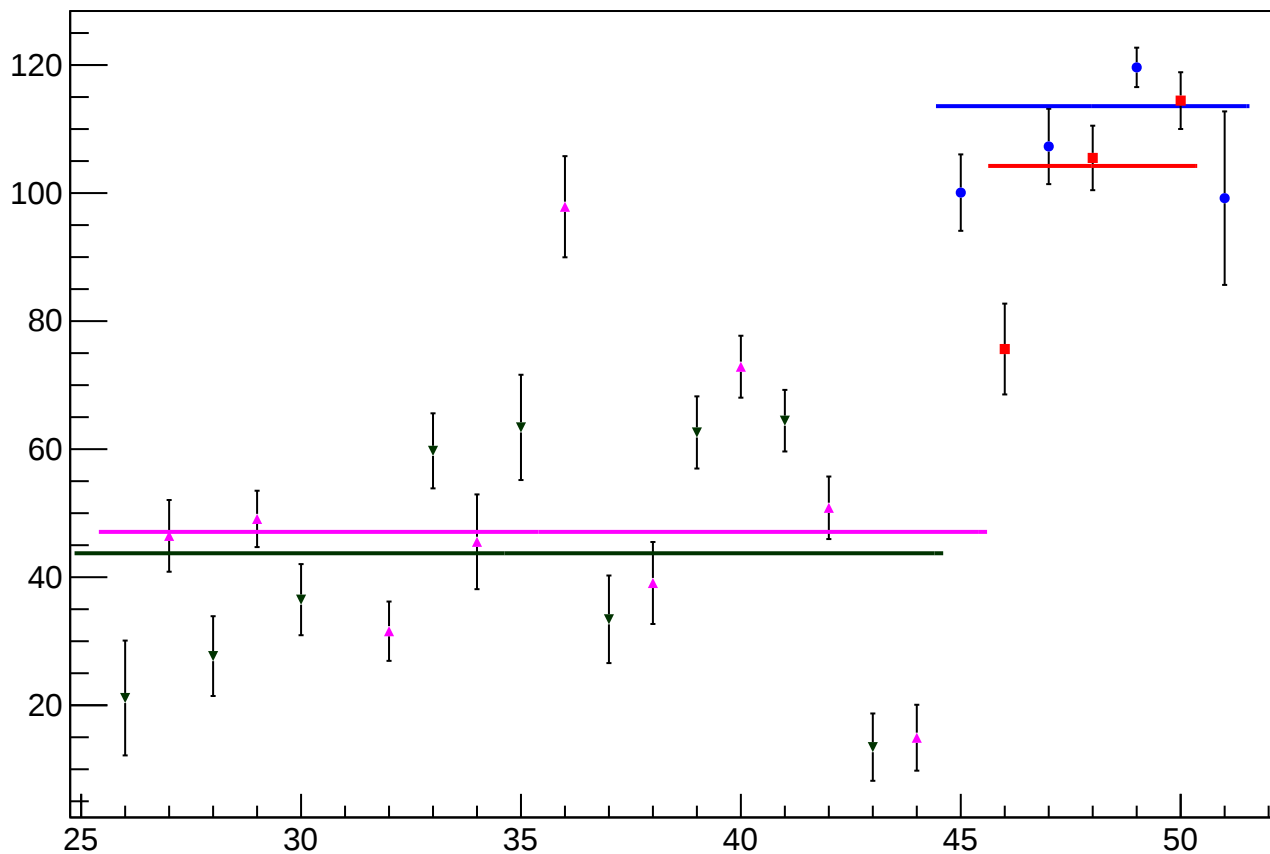
Right Out: -5.041+/-0.343 χ^2/NDF : 77.4/2

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-6.898+/-0.181 χ^2/NDF : 365.9/12

-6.233+/-0.188 χ^2/NDF : 642.3/11

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 113.577 $\pm$ 2.441 χ^2 /NDF: 11.3/3

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

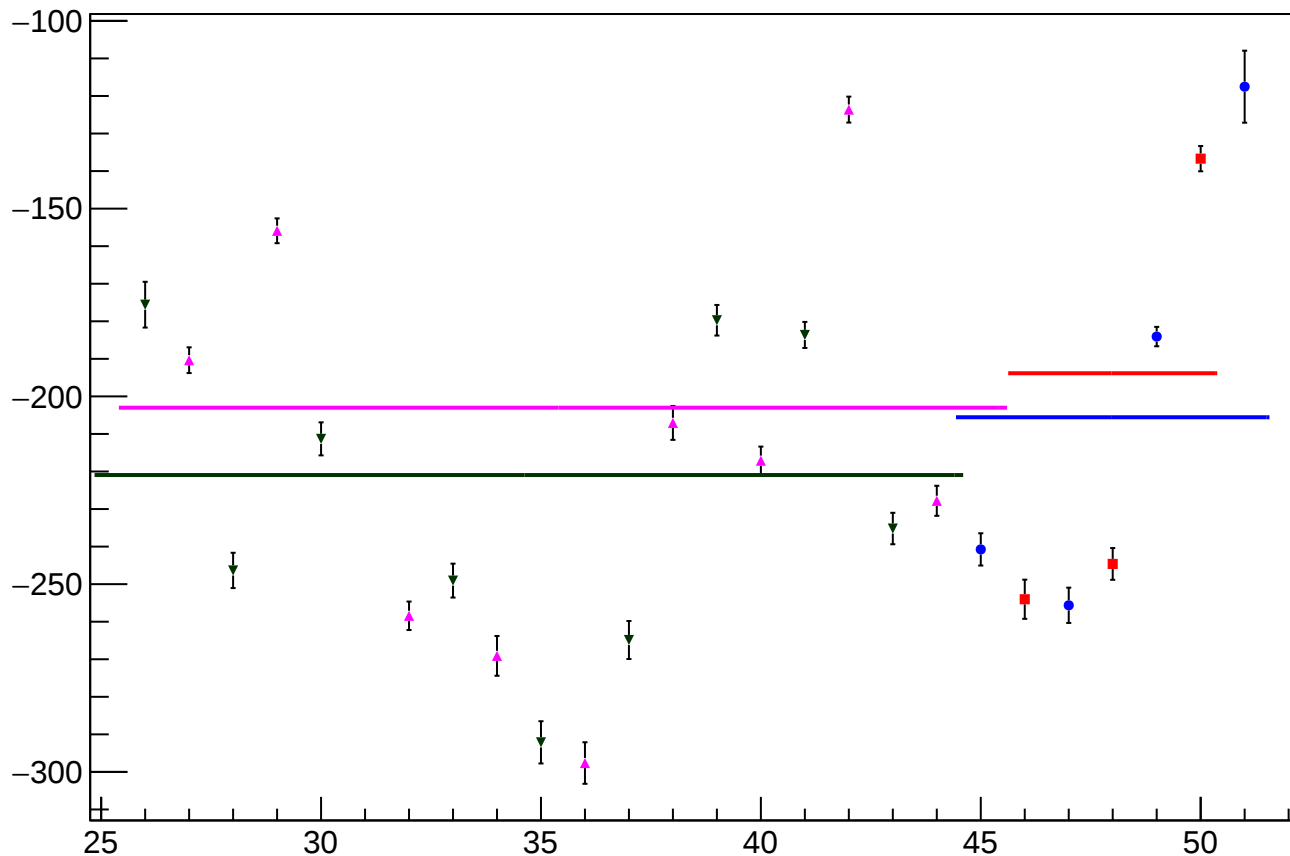
Right Out: 104.239 $\pm$ 3.013 χ^2 /NDF: 21.6/2

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

72.016 $\pm$ 1.553 χ^2 /NDF: 591.6/12

62.026 $\pm$ 1.541 χ^2 /NDF: 409.9/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -205.556+/-1.961 χ^2/NDF : 334.1/3

Left Out: -220.942+/-1.501 χ^2/NDF : 593.2/8

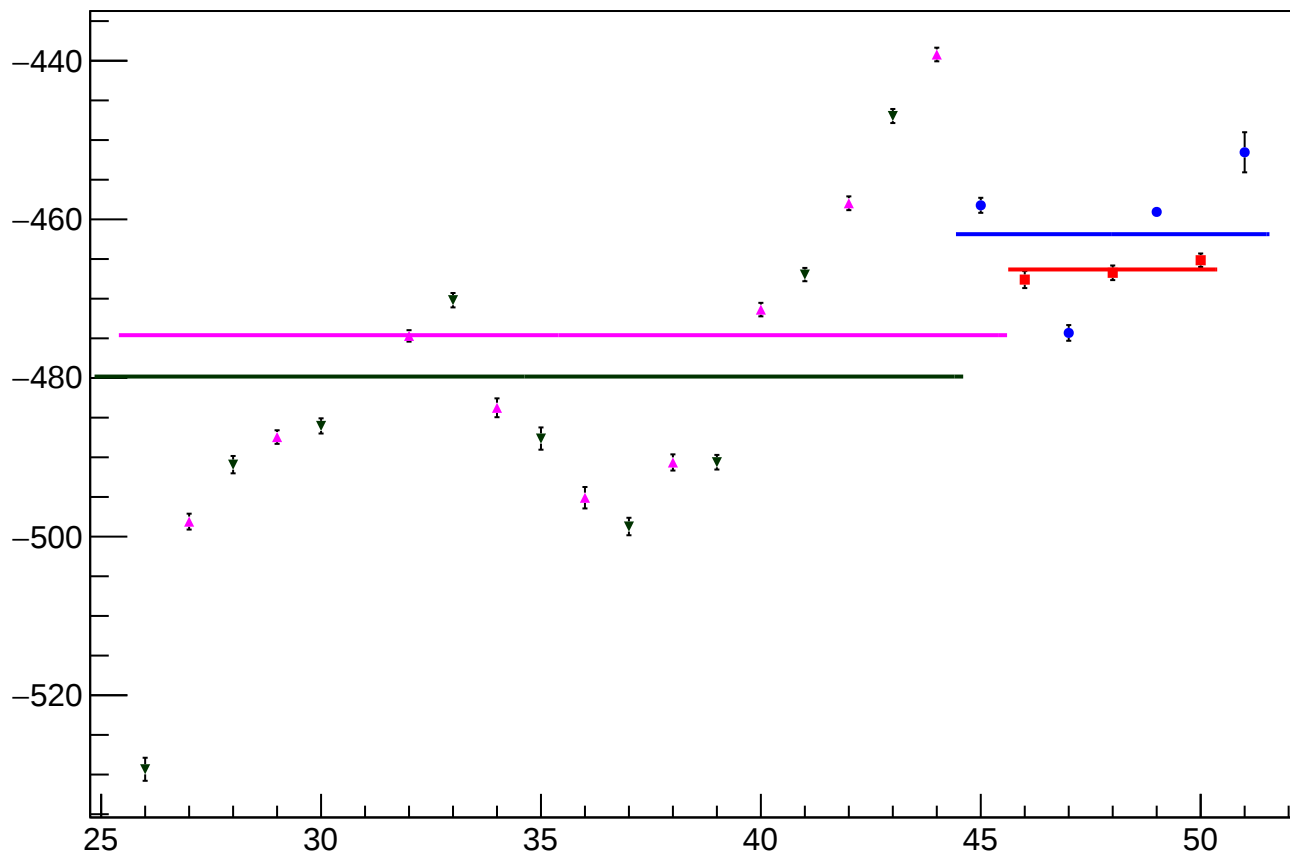
Right Out: -193.836+/-2.350 χ^2/NDF : 566.2/2

Left In: -203.009+/-1.312 χ^2/NDF : 1461.1/8

-215.257+/-1.192 χ^2/NDF : 966.2/12

-200.830+/-1.145 χ^2/NDF : 2038.9/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -461.867+/-0.457 χ^2/NDF : 209.0/3

Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

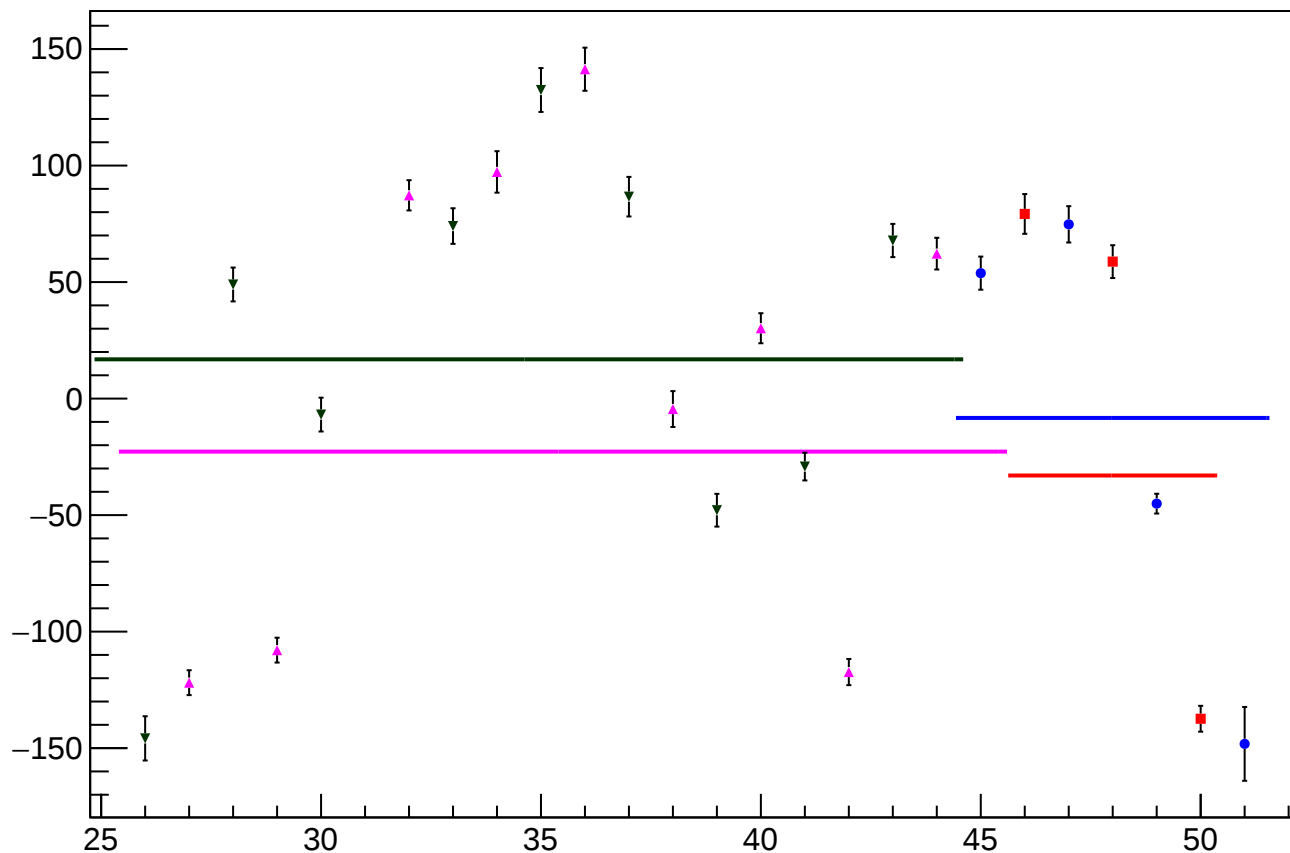
Right Out: -466.317+/-0.540 χ^2/NDF : 3.5/2

Left In: -474.602+/-0.308 χ^2/NDF : 3381.8/8

-473.497+/-0.271 χ^2/NDF : 4697.0/12

-472.566+/-0.268 χ^2/NDF : 3563.1/11

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -8.298 $\pm$ 3.233 χ^2 /NDF: 343.0/3

Left Out: 16.850 $\pm$ 2.504 χ^2 /NDF:793.7/8

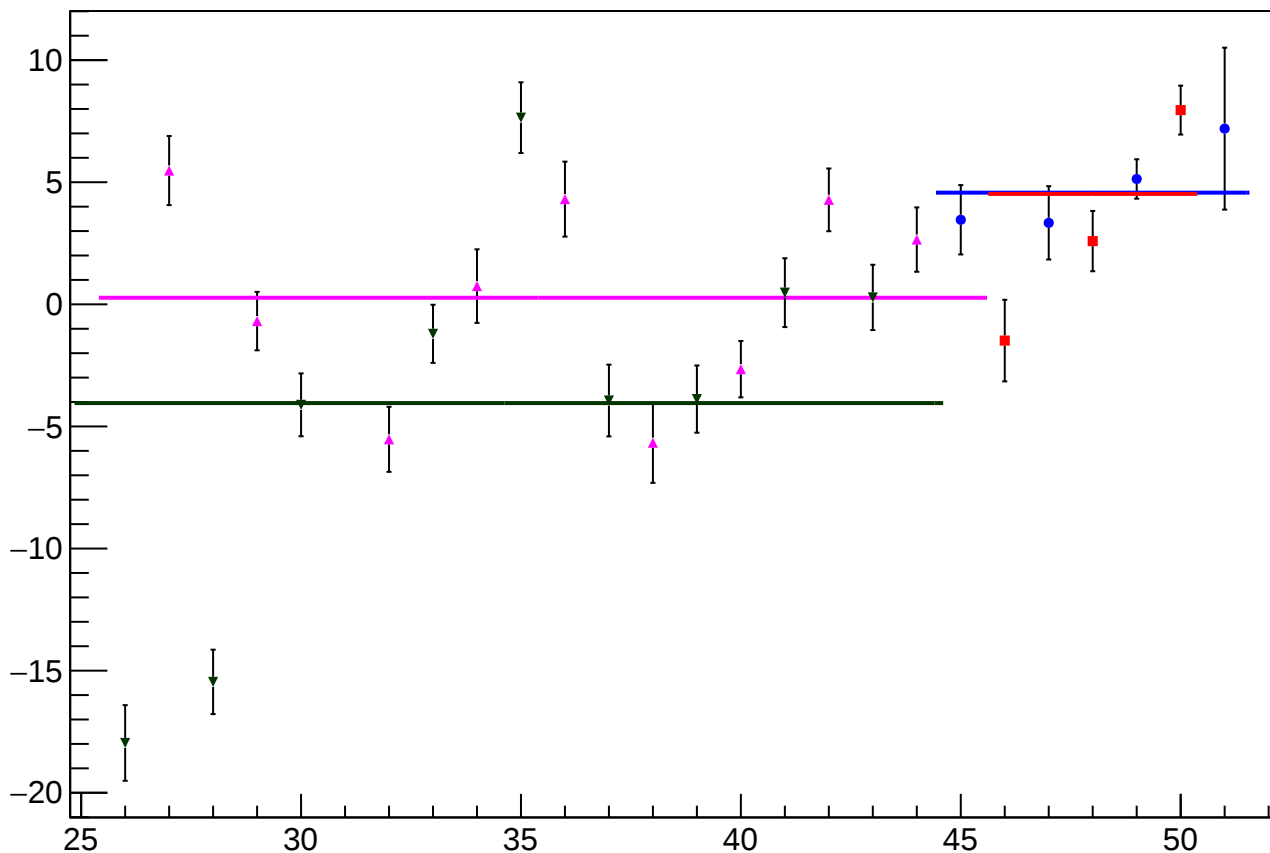
Right Out: -33.005 $\pm$ 3.881 χ^2 /NDF: 697.0/2

Left In: -22.758 $\pm$ 2.169 χ^2 /NDF:1896.5/8

7.419 $\pm$ 1.980 χ^2 /NDF: 1174.5/12

-25.197 $\pm$ 1.893 χ^2 /NDF: 2598.8/11

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 4.573 ± 0.624 $\chi^2/\text{NDF}: 2.4/3$

Left Out: -4.043 ± 0.455 $\chi^2/\text{NDF}: 247.2/8$

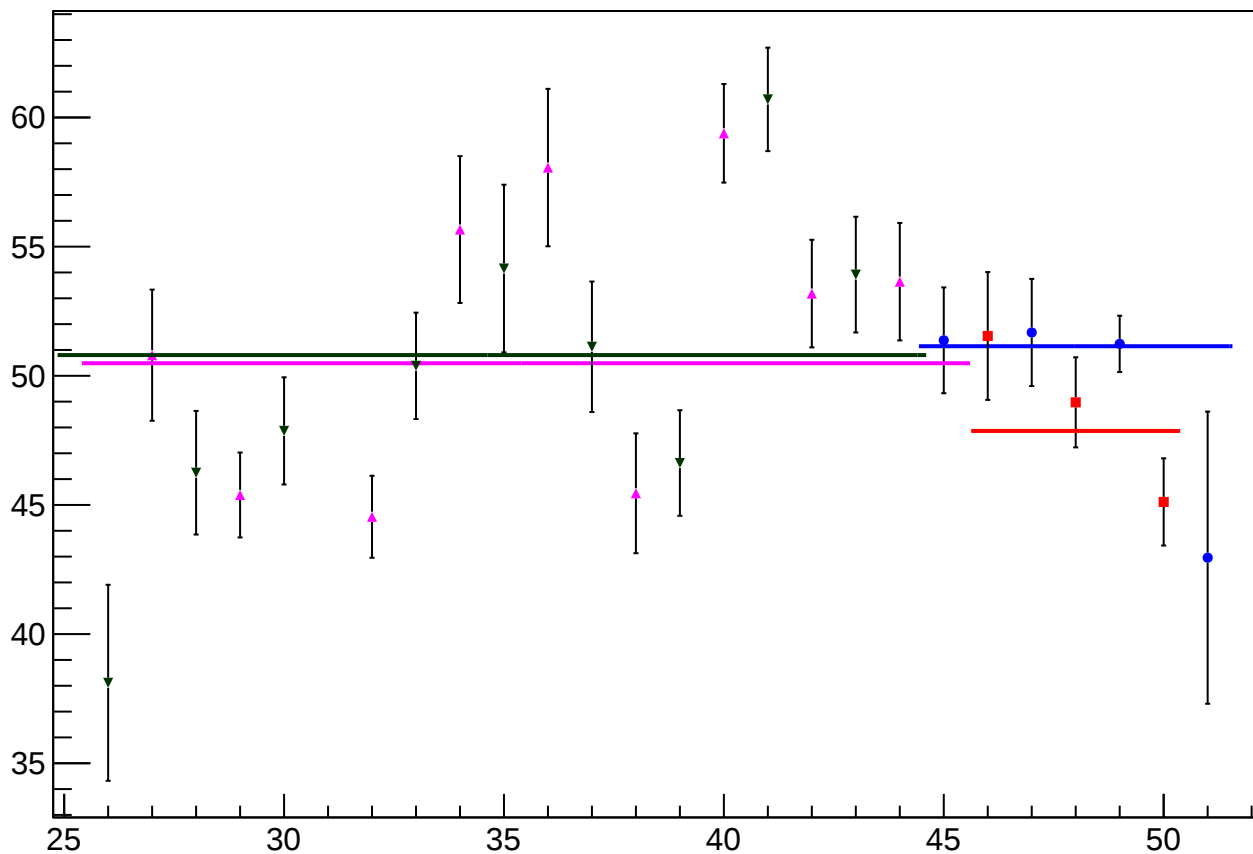
Right Out: 4.522 ± 0.705 $\chi^2/\text{NDF}: 27.1/2$

Left In: 0.270 ± 0.450 $\chi^2/\text{NDF}: 72.6/8$

-1.054 ± 0.368 $\chi^2/\text{NDF}: 374.0/12$

1.502 ± 0.380 $\chi^2/\text{NDF}: 125.5/11$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 51.145 $\pm$ 0.863 χ^2/NDF : 2.2/3

Left Out: 50.802 $\pm$ 0.778 χ^2/NDF : 48.5/8

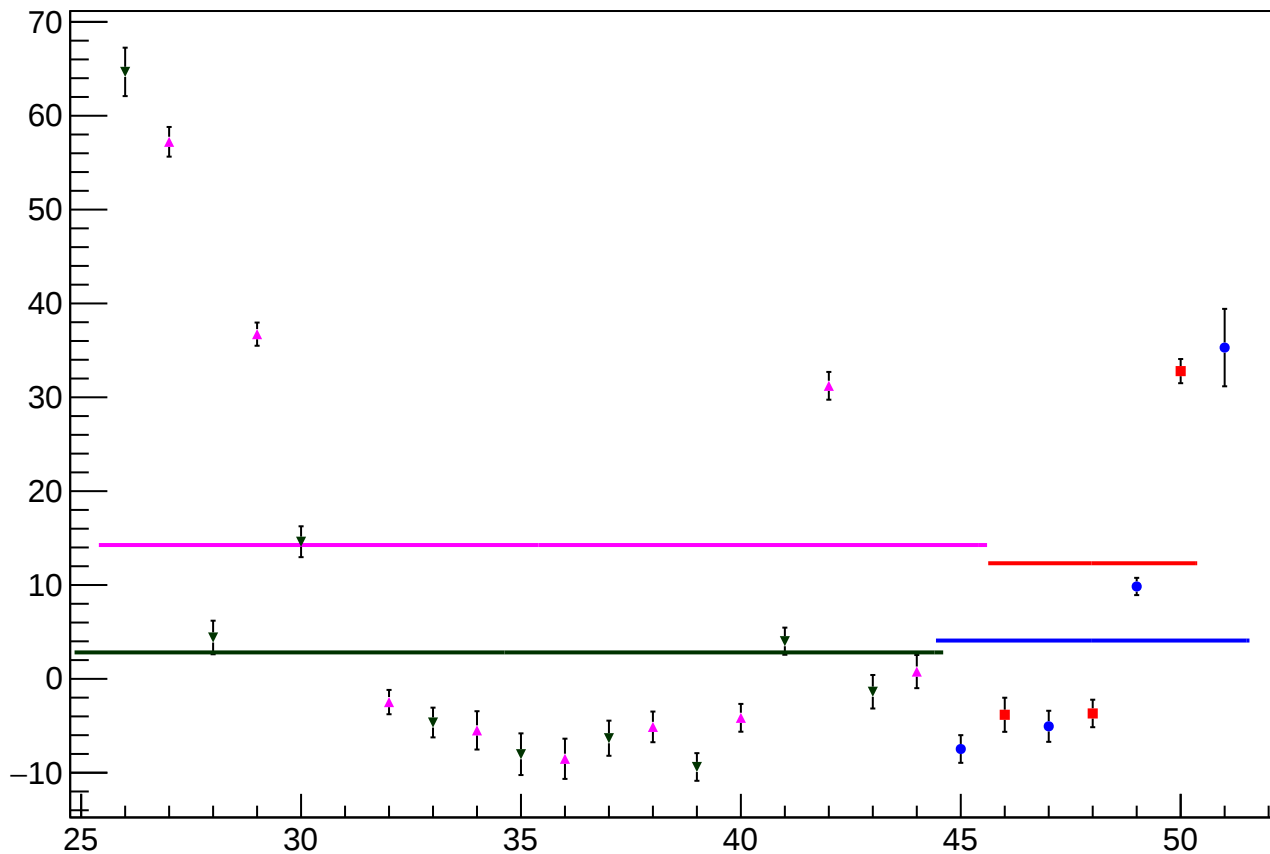
Right Out: 47.865 $\pm$ 1.089 χ^2/NDF : 5.3/2

Left In: 50.487 $\pm$ 0.701 χ^2/NDF : 63.2/8

50.956 $\pm$ 0.578 χ^2/NDF : 50.7/12

49.720 $\pm$ 0.589 χ^2/NDF : 72.6/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 4.083 $\pm$ 0.696 χ^2 /NDF: 188.4/3

Left Out: 2.819 $\pm$ 0.580 χ^2 /NDF: 771.6/8

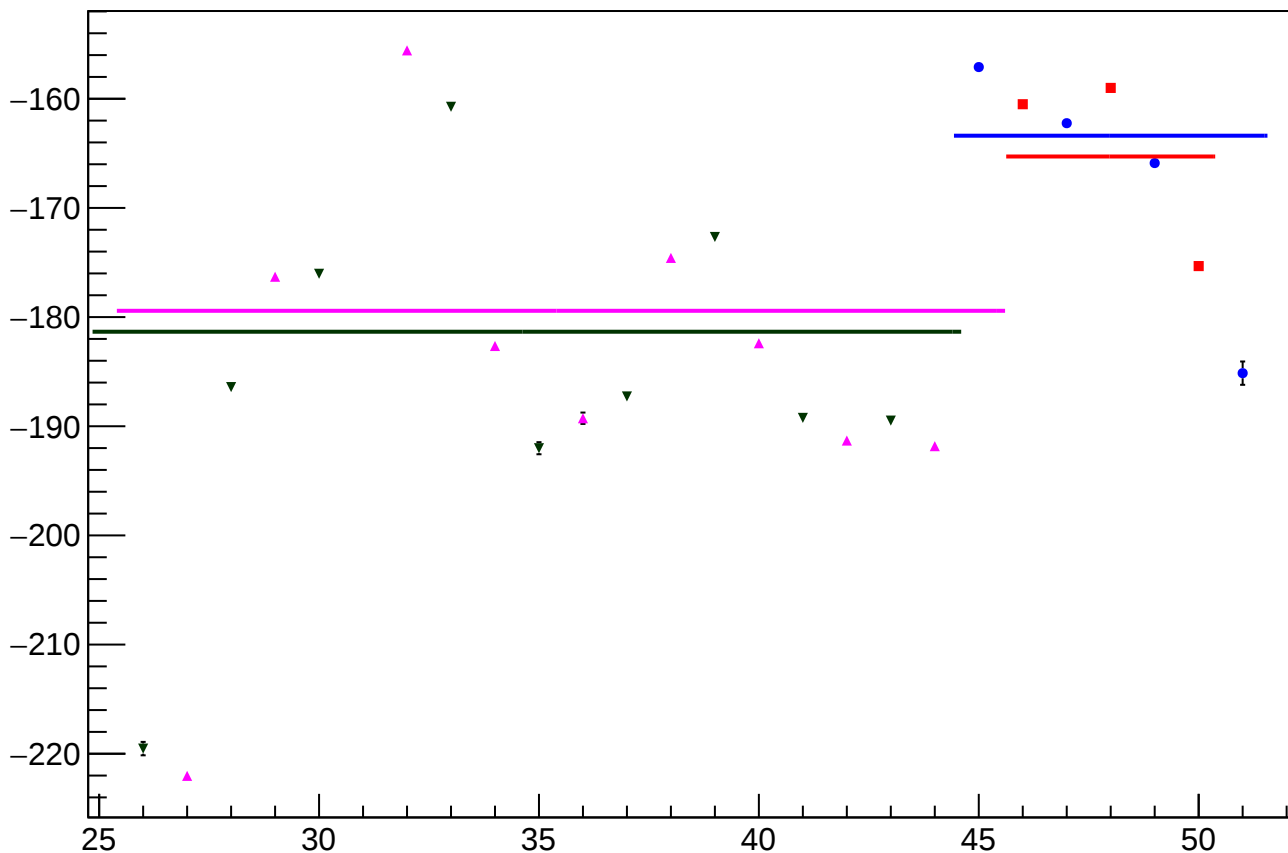
Right Out: 12.318 $\pm$ 0.854 χ^2 /NDF: 450.9/2

Left In: 14.260 $\pm$ 0.519 χ^2 /NDF: 1925.9/8

3.337 $\pm$ 0.445 χ^2 /NDF: 962.0/12

13.736 $\pm$ 0.443 χ^2 /NDF: 2380.5/11

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -163.383+/-0.161 χ^2/NDF : 924.2/3

Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

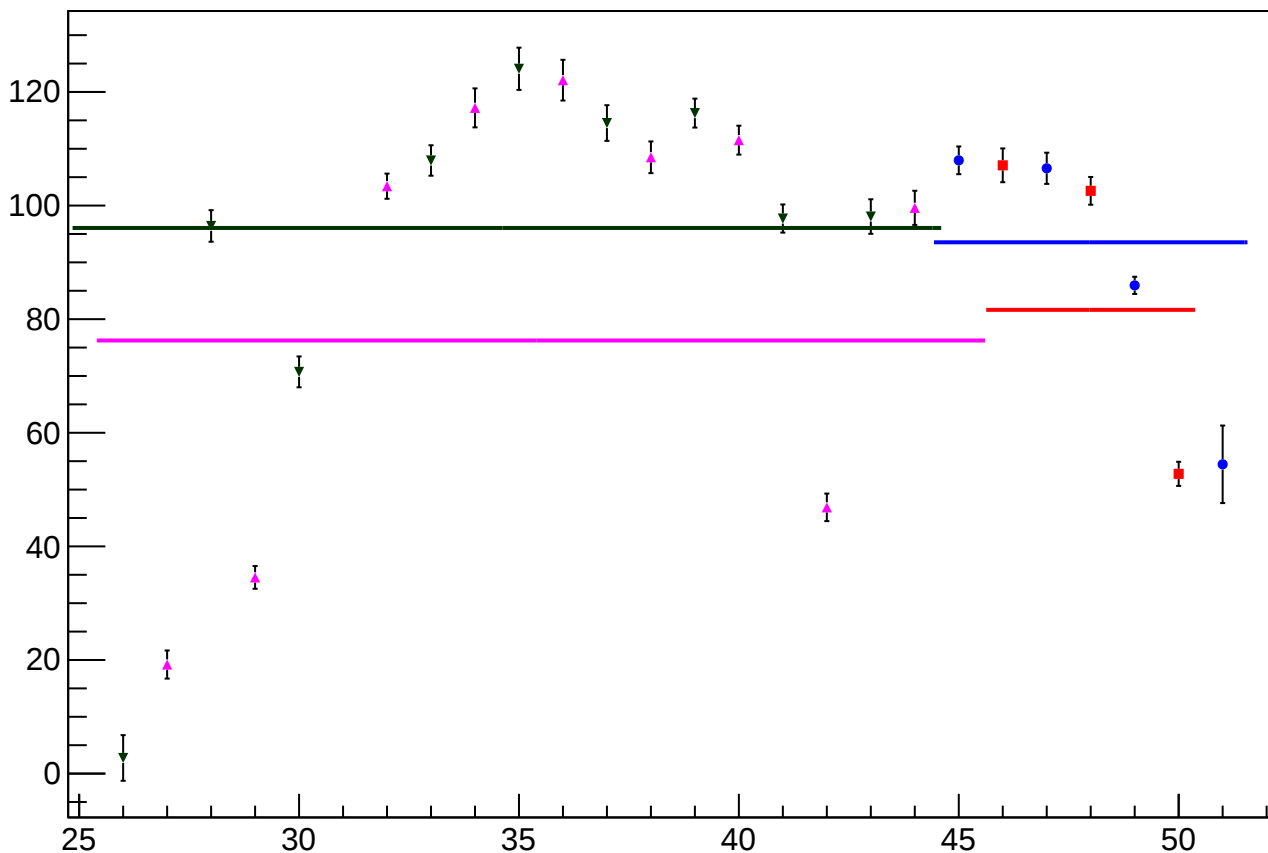
Right Out: -165.288+/-0.194 χ^2/NDF : 1511.2/2

Left In: -179.424+/-0.120 χ^2/NDF : 21031.4/8

-174.296+/-0.101 χ^2/NDF : 19079.6/12

-175.541+/-0.102 χ^2/NDF : 26380.5/11

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 93.533+/-1.148 χ^2 /NDF: 115.4/3

Left Out: 96.058+/-0.969 χ^2 /NDF:800.7/8

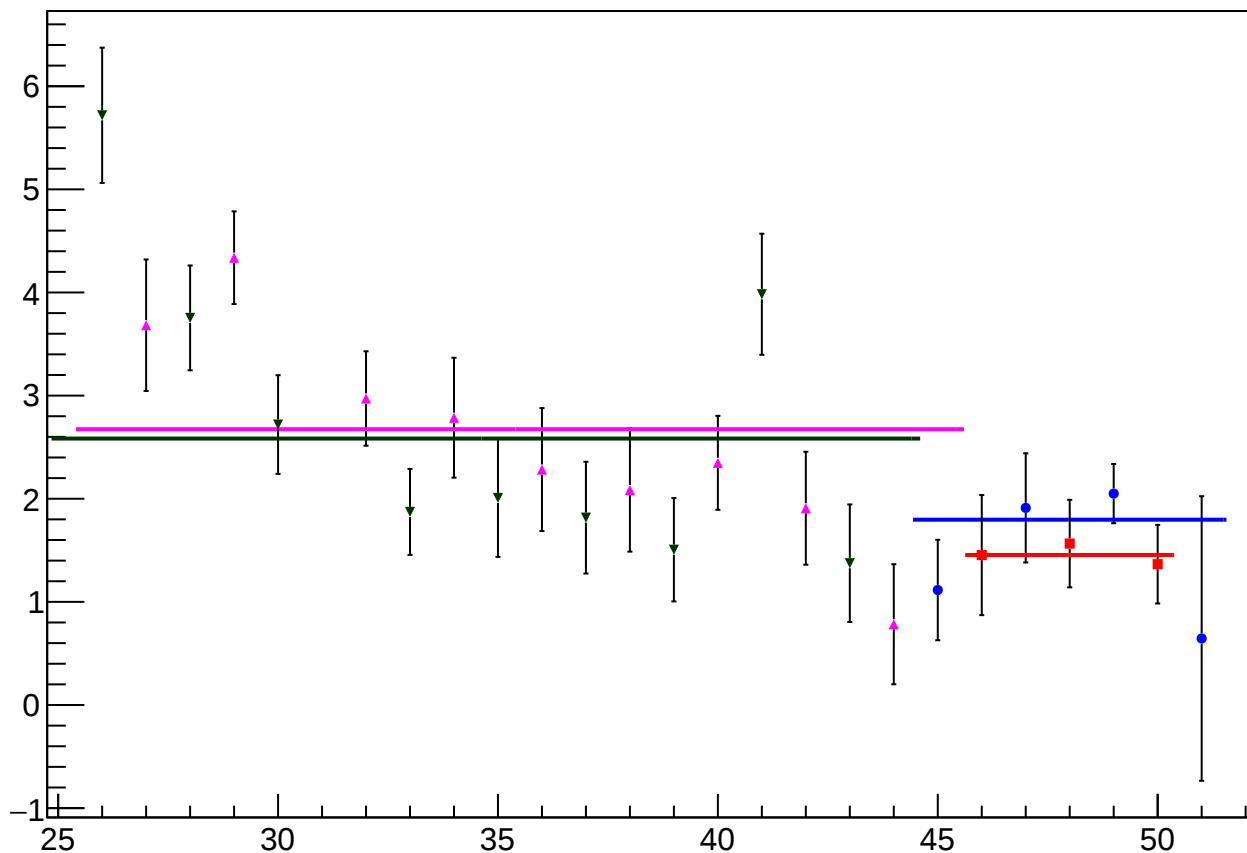
Right Out: 81.642+/-1.411 χ^2 /NDF: 331.4/2

Left In: 76.247+/-0.863 χ^2 /NDF:1954.9/8

95.007+/-0.740 χ^2 /NDF: 919.0/12

77.716+/-0.736 χ^2 /NDF: 2296.9/11

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.797 ± 0.221 $\chi^2/\text{NDF}: 3.5/3$

Left Out: 2.583 ± 0.175 $\chi^2/\text{NDF}: 49.0/8$

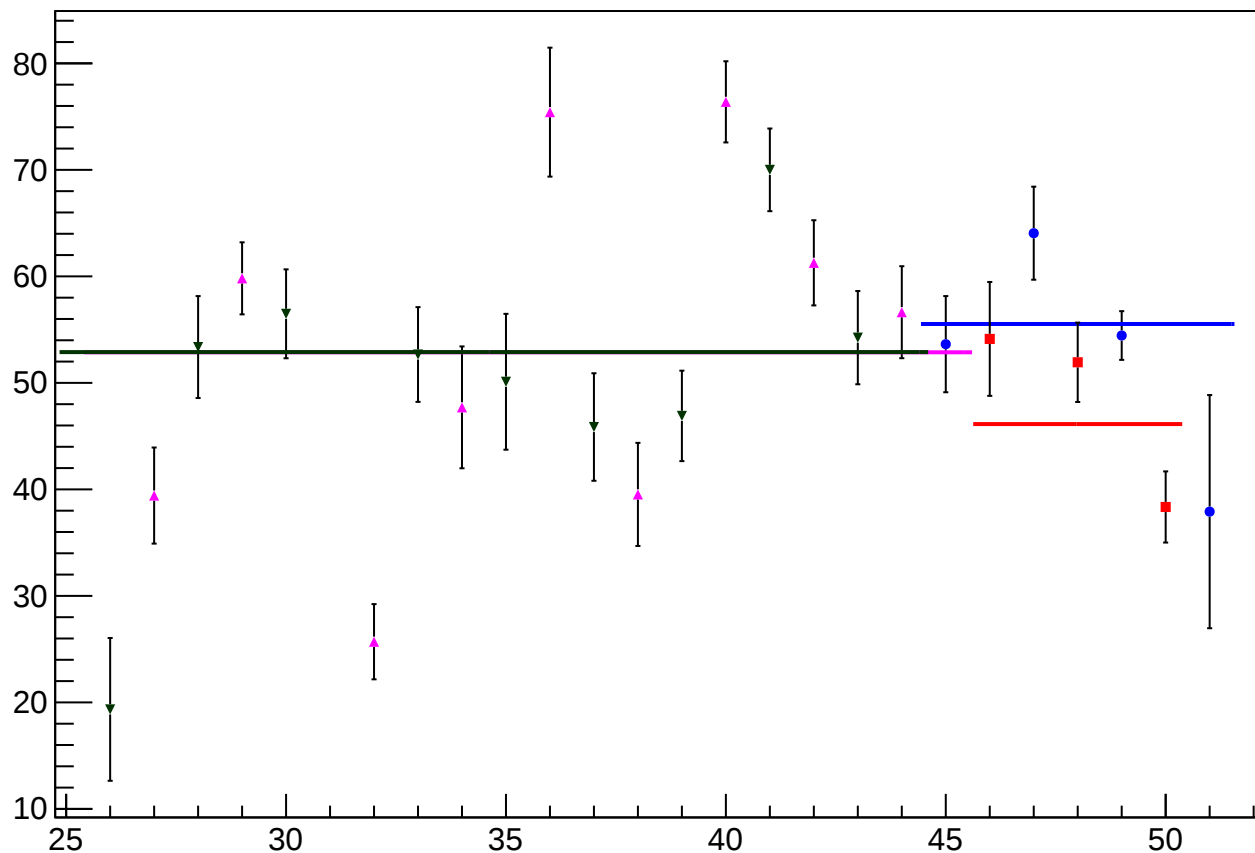
Right Out: 1.455 ± 0.255 $\chi^2/\text{NDF}: 0.1/2$

Left In: 2.675 ± 0.177 $\chi^2/\text{NDF}: 31.1/8$

2.281 ± 0.137 $\chi^2/\text{NDF}: 60.2/12$

2.277 ± 0.145 $\chi^2/\text{NDF}: 46.6/11$

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 55.529+/-1.822 χ^2 /NDF: 6.8/3

Left Out: 52.889+/-1.558 χ^2 /NDF: 49.5/8

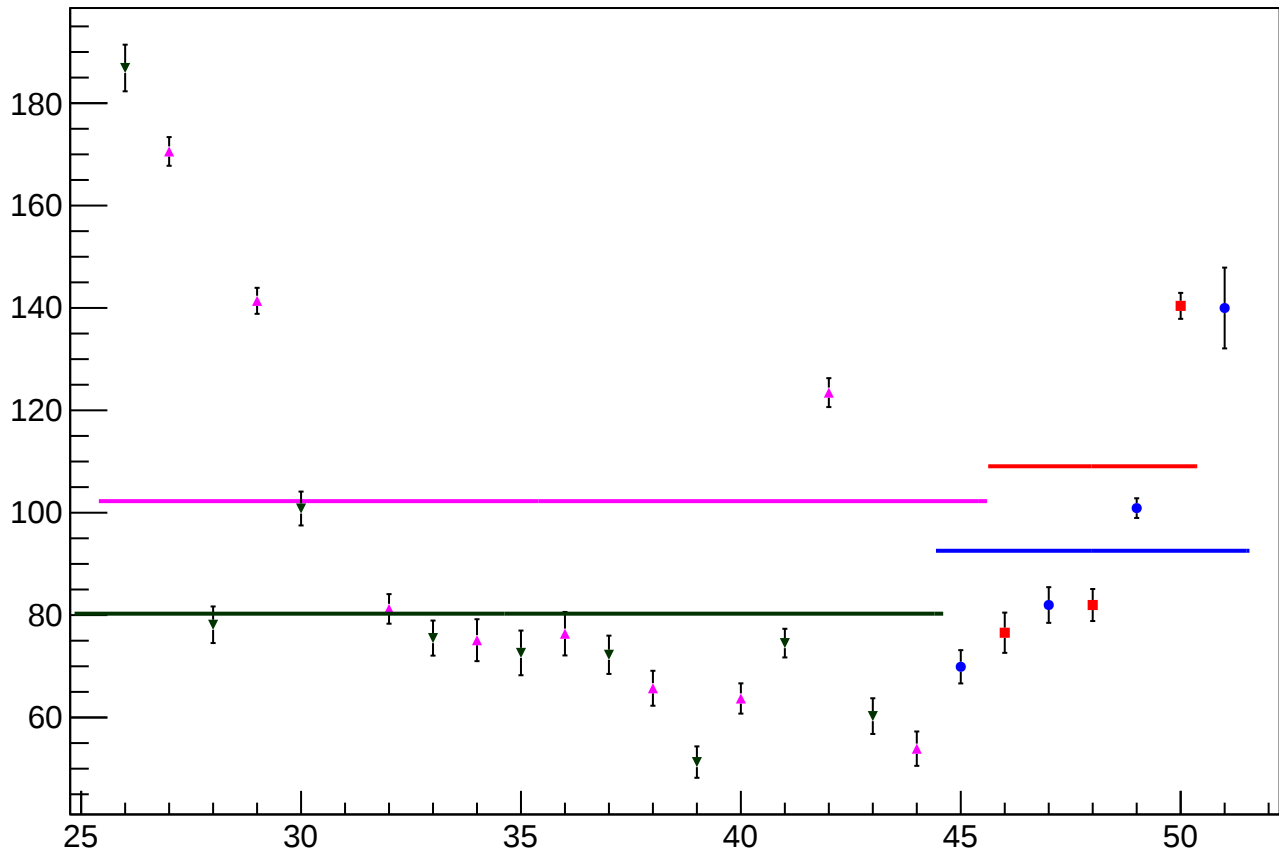
Right Out: 46.132+/-2.256 χ^2 /NDF: 10.1/2

Left In: 52.872+/-1.411 χ^2 /NDF: 137.9/8

54.004+/-1.184 χ^2 /NDF: 57.5/12

50.977+/-1.196 χ^2 /NDF: 154.4/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 92.567+/-1.468 χ^2 /NDF: 112.8/3

Left Out: 80.279+/-1.160 χ^2 /NDF: 722.6/8

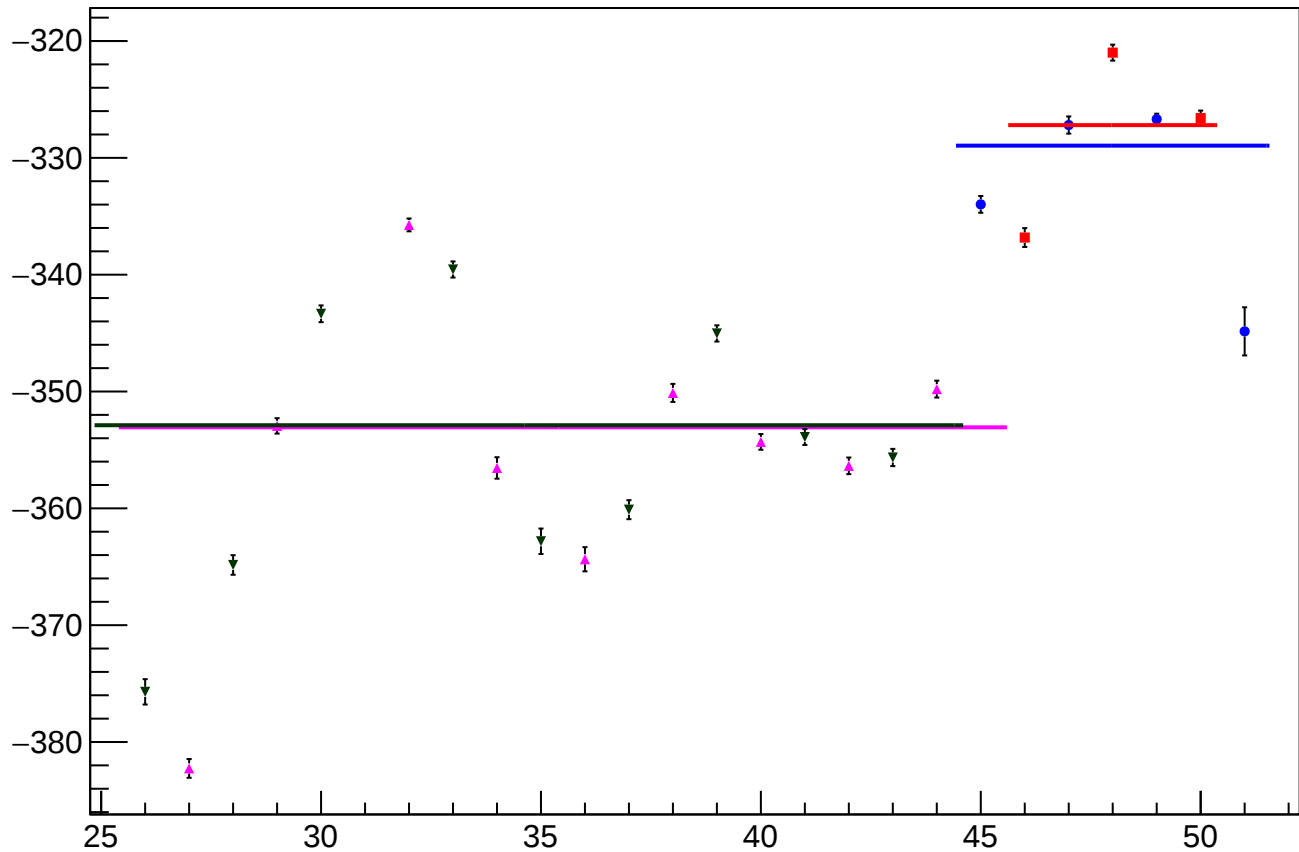
Right Out: 109.071+/-1.761 χ^2 /NDF: 296.1/2

Left In: 102.261+/-1.036 χ^2 /NDF: 1514.4/8

85.001+/-0.910 χ^2 /NDF: 878.5/12

104.011+/-0.893 χ^2 /NDF: 1821.6/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -328.955+/-0.342 χ^2/NDF : 137.6/3

Left Out: -352.885+/-0.260 χ^2/NDF : 1502.5/8

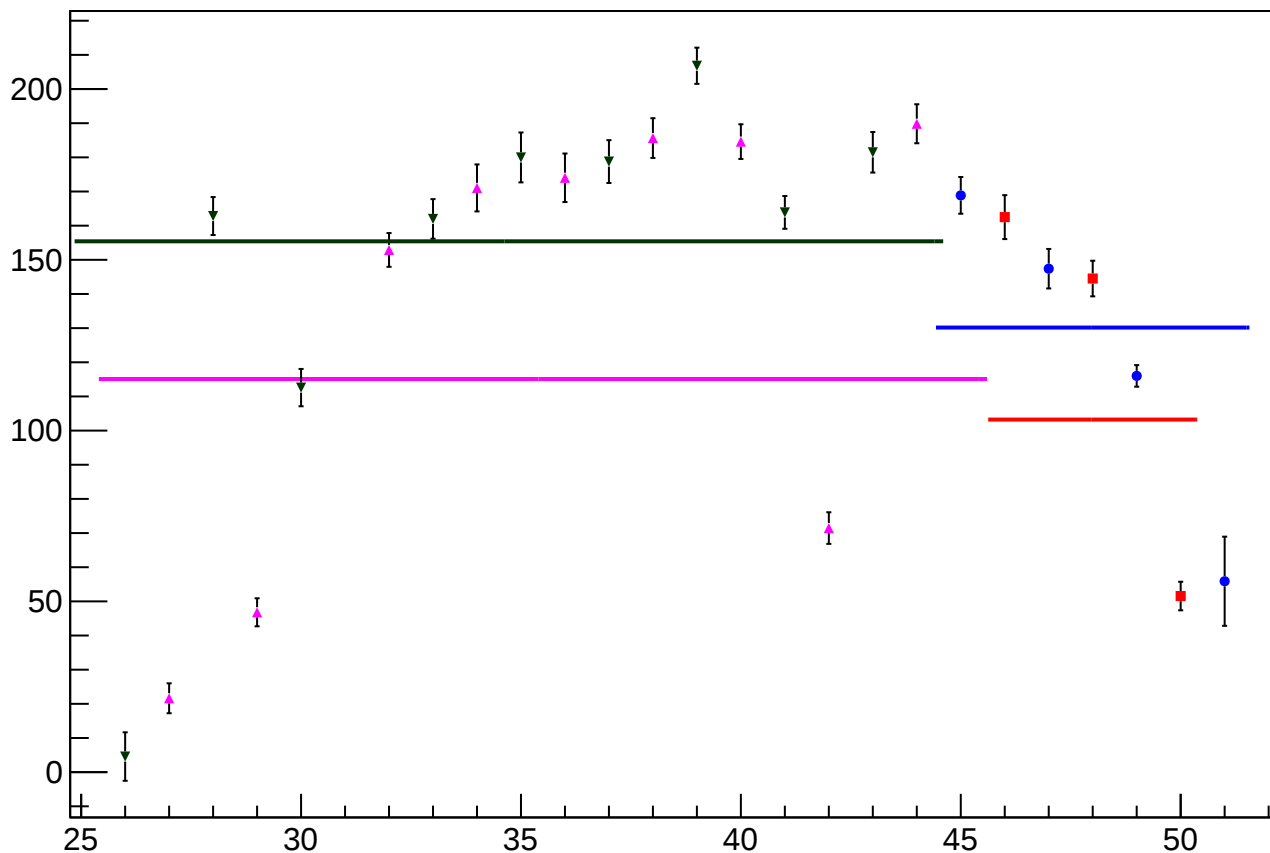
Right Out: -327.199+/-0.404 χ^2/NDF : 226.0/2

Left In: -353.066+/-0.242 χ^2/NDF : 2507.5/8

-344.108+/-0.207 χ^2/NDF : 4740.8/12

-346.243+/-0.208 χ^2/NDF : 5748.1/11

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 130.170 $\pm$ 2.422 χ^2 /NDF: 113.1/3

Left Out: 155.417 $\pm$ 1.935 χ^2 /NDF:657.8/8

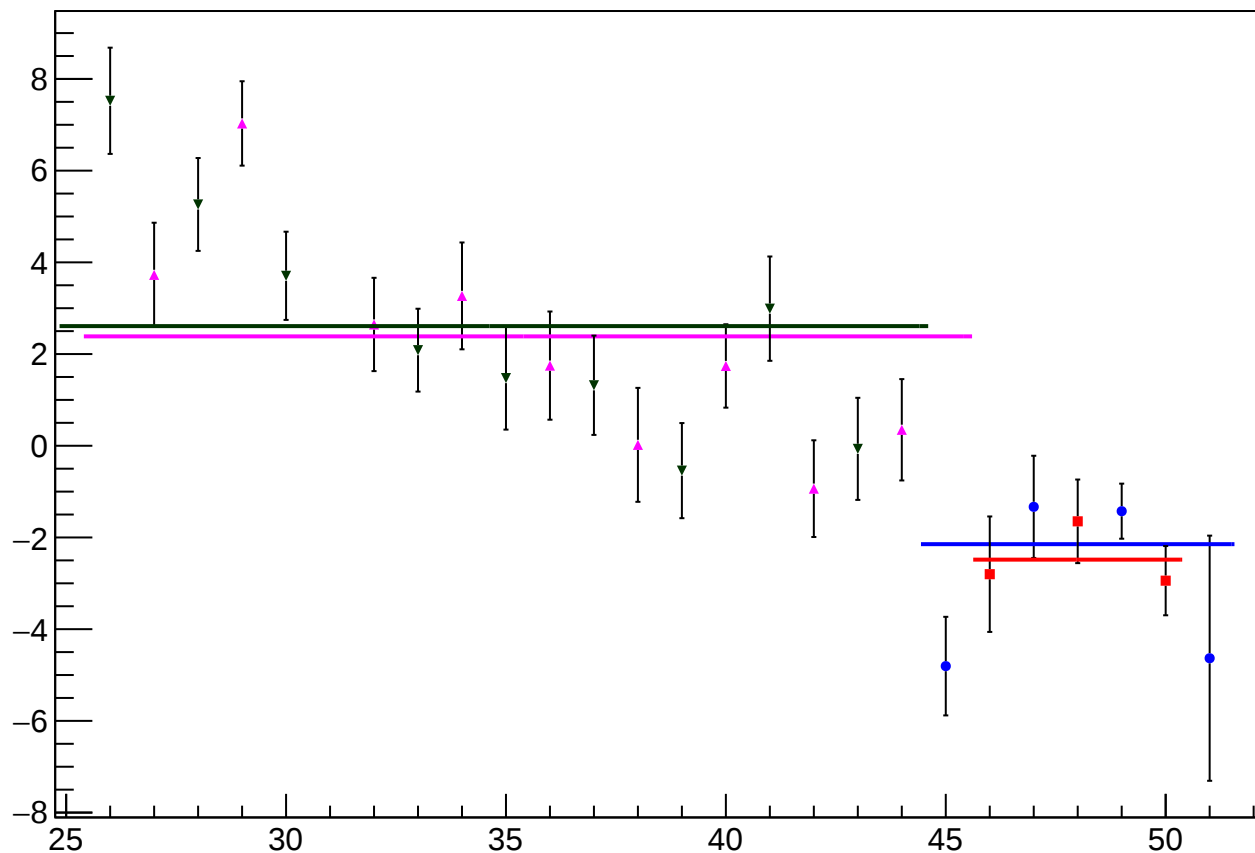
Right Out: 103.227 $\pm$ 2.910 χ^2 /NDF: 300.1/2

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF:1520.3/8

145.584 $\pm$ 1.512 χ^2 /NDF: 837.2/12

112.036 $\pm$ 1.479 χ^2 /NDF: 1832.7/11

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -2.146 ± 0.467 $\chi^2/\text{NDF}: 9.0/3$

Left Out: 2.609 ± 0.350 $\chi^2/\text{NDF}: 44.1/8$

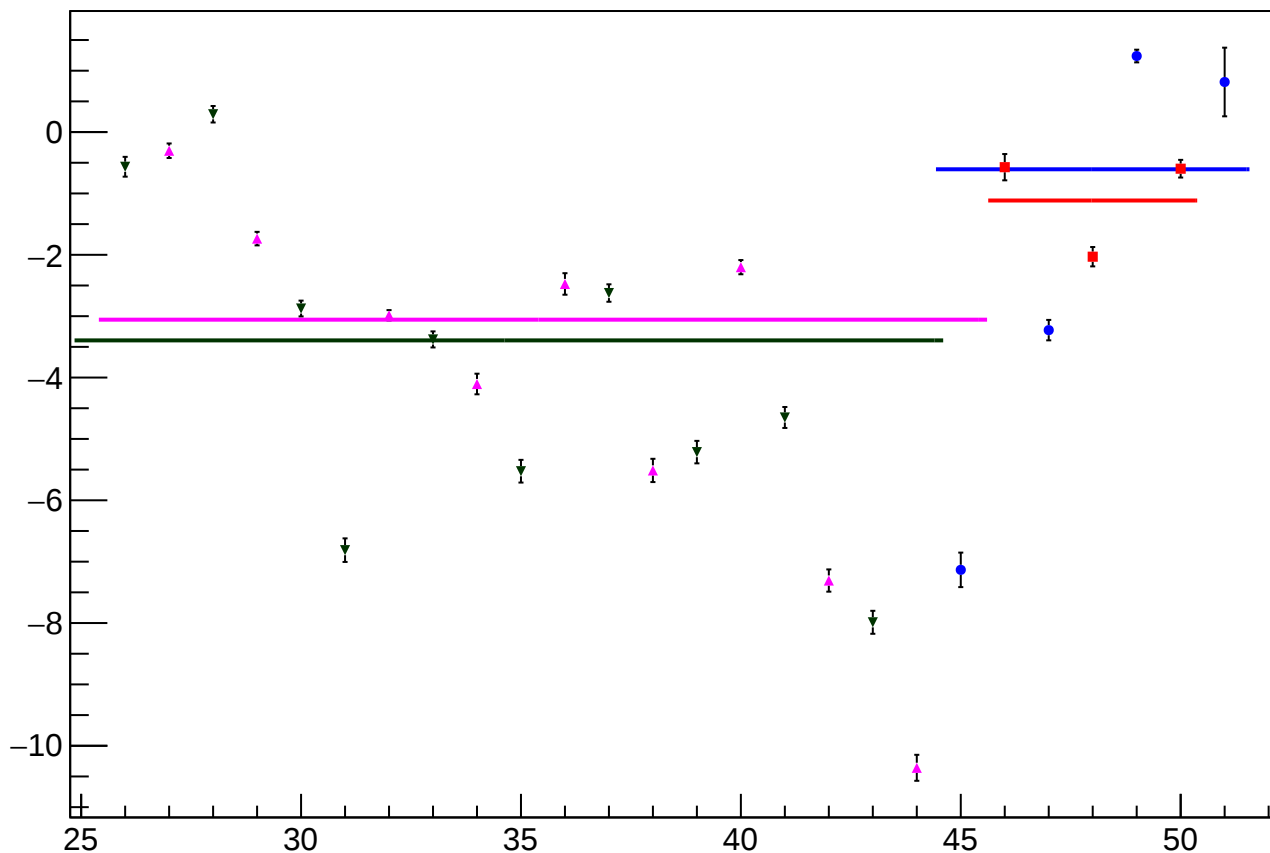
Right Out: -2.483 ± 0.528 $\chi^2/\text{NDF}: 1.3/2$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

0.902 ± 0.280 $\chi^2/\text{NDF}: 119.4/12$

0.871 ± 0.294 $\chi^2/\text{NDF}: 105.1/11$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.606 ± 0.083 $\chi^2/\text{NDF}: 1111.9/3$

Left Out: -3.394 ± 0.049 $\chi^2/\text{NDF}: 2310.5/9$

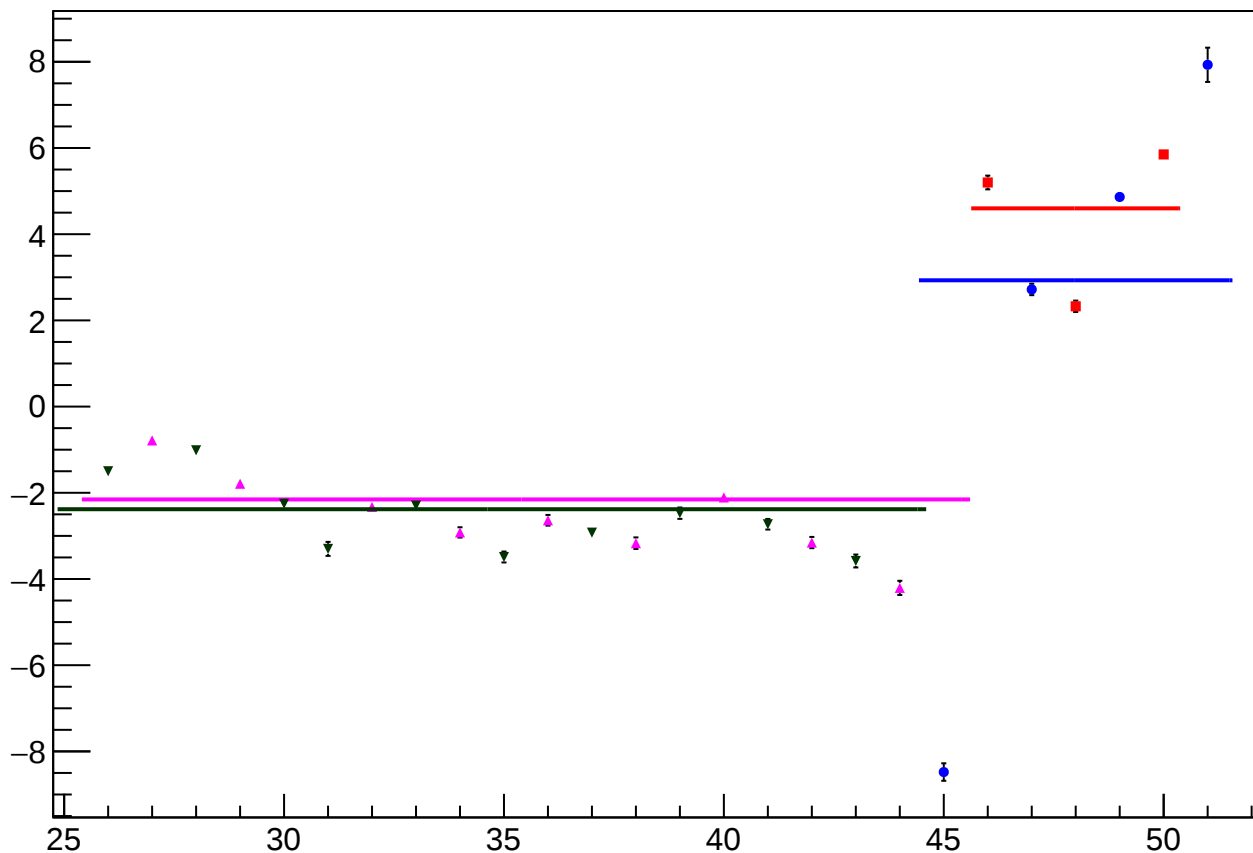
Right Out: -1.115 ± 0.095 $\chi^2/\text{NDF}: 53.1/2$

Left In: -3.057 ± 0.044 $\chi^2/\text{NDF}: 2696.4/8$

-2.666 ± 0.042 $\chi^2/\text{NDF}: 4257.6/13$

-2.715 ± 0.040 $\chi^2/\text{NDF}: 3092.1/11$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 2.930 $\pm$ 0.067 χ^2 /NDF: 3813.9/3

Left Out: -2.381 $\pm$ 0.037 χ^2 /NDF: 466.1/9

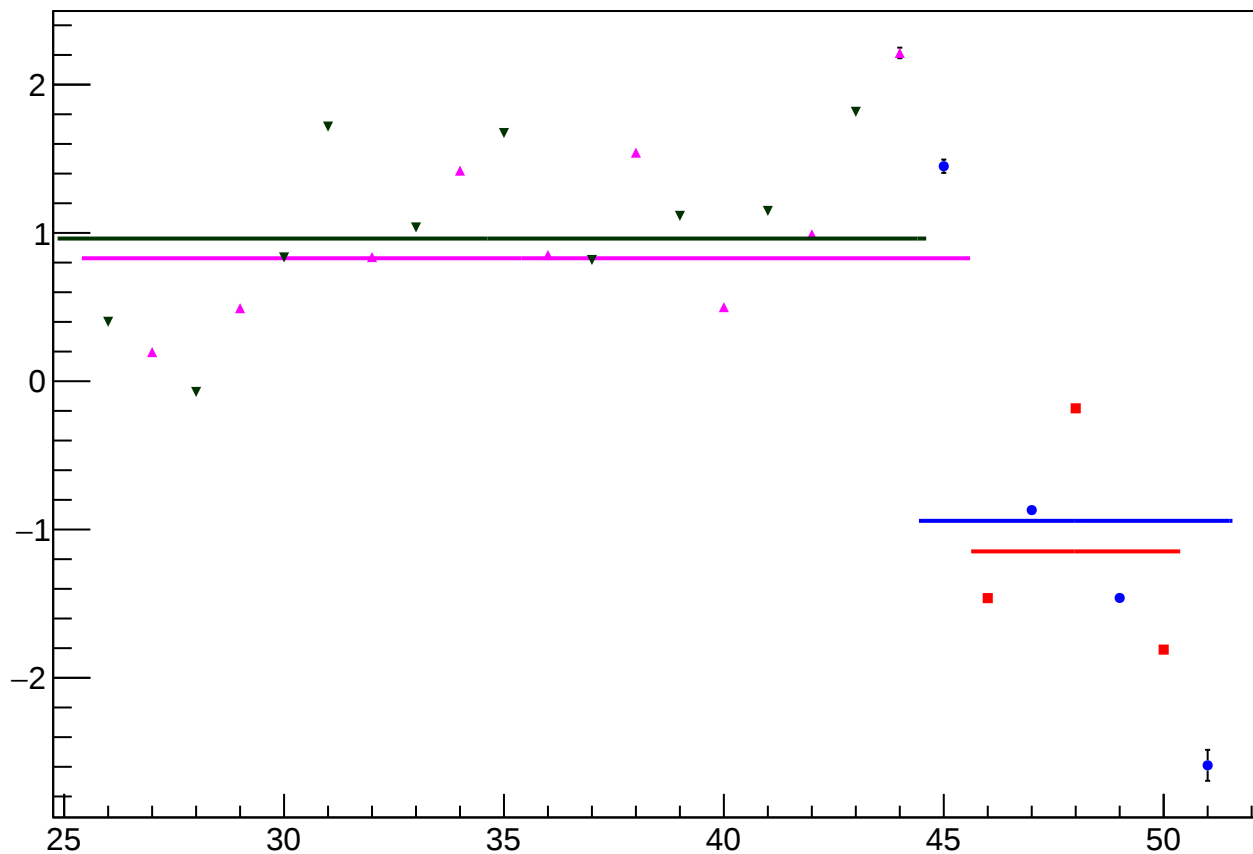
Right Out: 4.599 $\pm$ 0.074 χ^2 /NDF: 439.6/2

Left In: -2.154 $\pm$ 0.032 χ^2 /NDF: 703.0/8

-1.162 $\pm$ 0.032 χ^2 /NDF: 9057.2/13

-1.074 $\pm$ 0.030 χ^2 /NDF: 8057.3/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.941 ± 0.016 χ^2/NDF : 3696.7/3

Left Out: 0.962 ± 0.008 χ^2/NDF : 4690.6/9

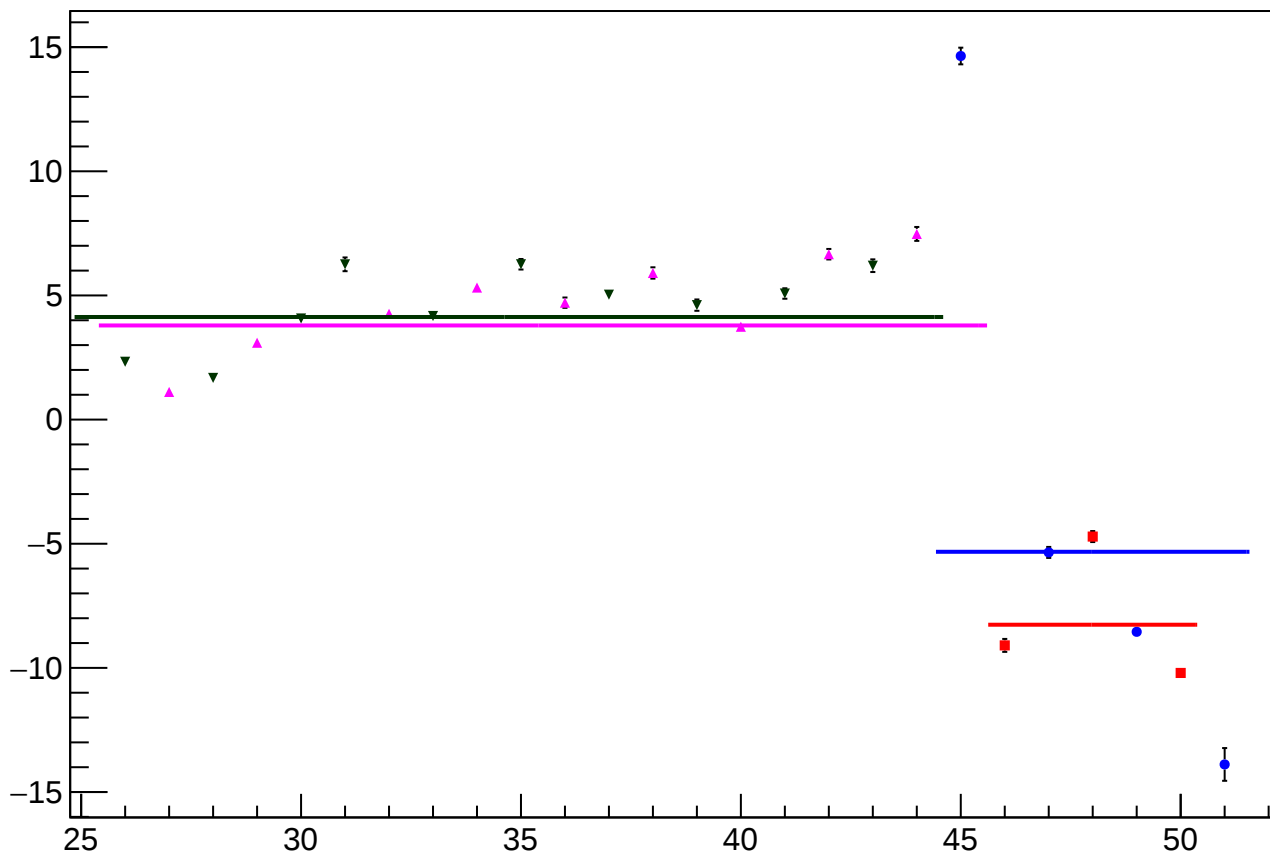
Right Out: -1.147 ± 0.017 χ^2/NDF : 1797.7/2

Left In: 0.829 ± 0.007 χ^2/NDF : 3974.9/8

0.573 ± 0.007 χ^2/NDF : 20017.7/13

0.508 ± 0.007 χ^2/NDF : 17204.4/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.324+/-0.112 χ^2/NDF : 4209.5/3

Left Out: 4.132+/-0.061 χ^2/NDF : 639.2/9

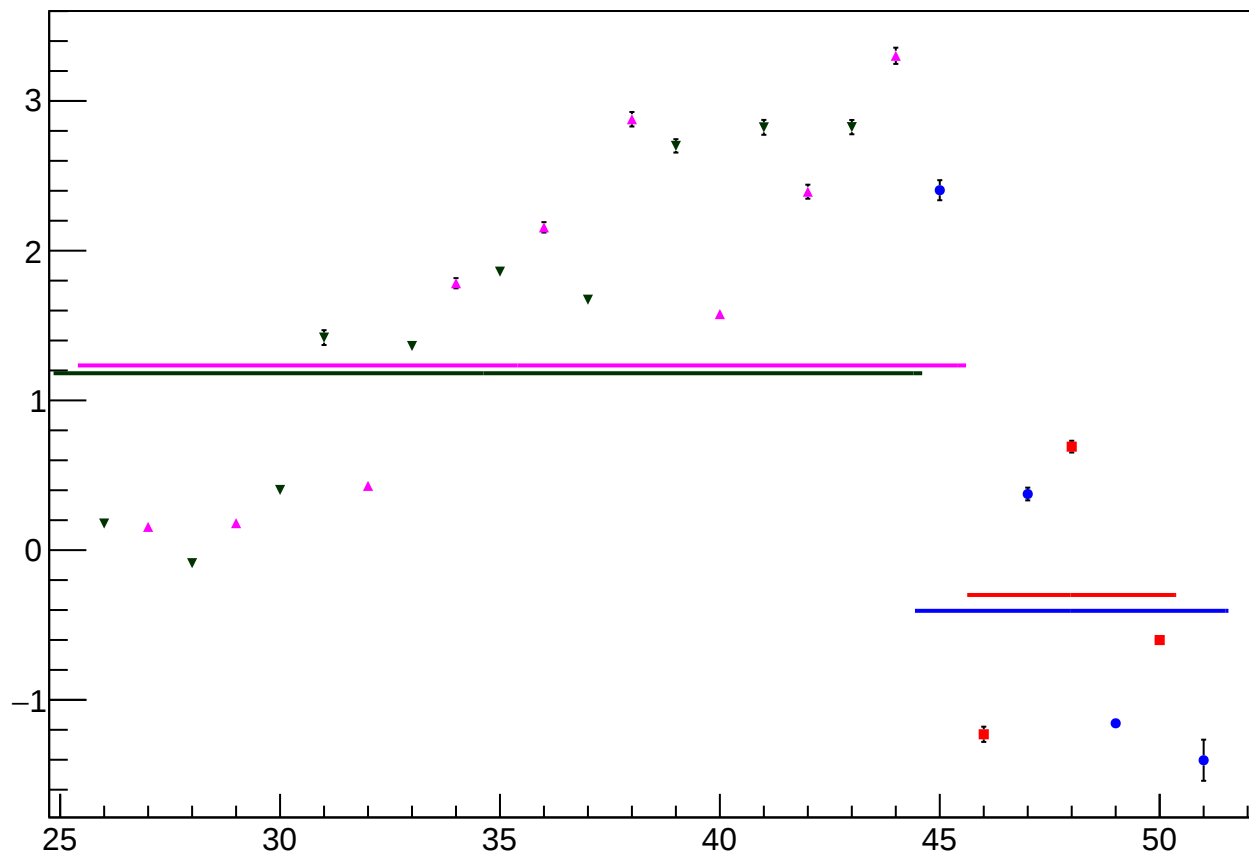
Right Out: -8.261+/-0.123 χ^2/NDF : 384.5/2

Left In: 3.791+/-0.054 χ^2/NDF : 1110.0/8

1.964+/-0.053 χ^2/NDF : 10380.6/13

1.860+/-0.049 χ^2/NDF : 9561.2/11

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.405 ± 0.022 χ^2/NDF : 2901.7/3

Left Out: 1.181 ± 0.011 χ^2/NDF : 8123.1/9

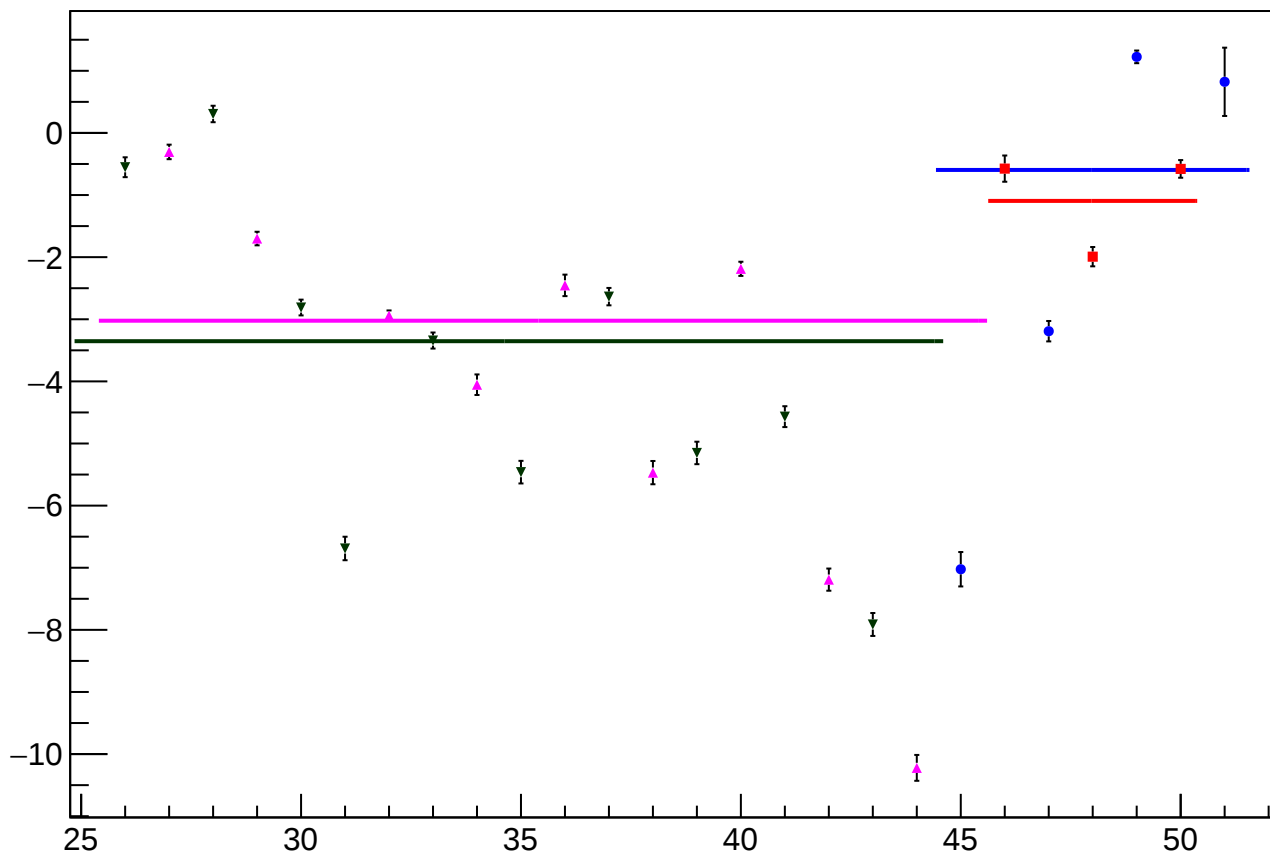
Right Out: -0.299 ± 0.022 χ^2/NDF : 1056.7/2

Left In: 1.234 ± 0.011 χ^2/NDF : 7862.9/8

0.867 ± 0.010 χ^2/NDF : 15390.7/13

0.931 ± 0.010 χ^2/NDF : 12647.2/11

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -0.596 ± 0.082 χ^2/NDF : 1114.0/3

Left Out: -3.353 ± 0.049 χ^2/NDF : 2320.8/9

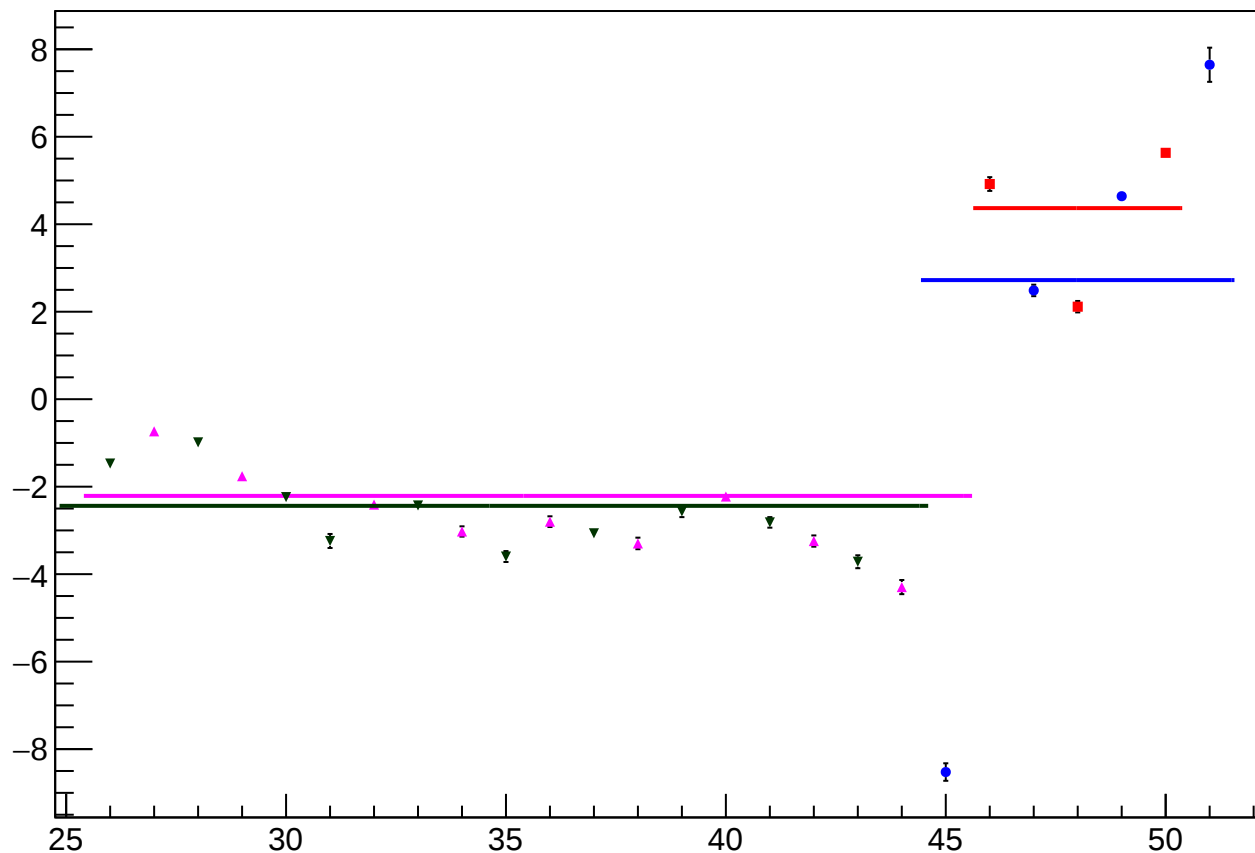
Right Out: -1.094 ± 0.094 χ^2/NDF : 52.6/2

Left In: -3.023 ± 0.043 χ^2/NDF : 2702.0/8

-2.632 ± 0.042 χ^2/NDF : 4274.9/13

-2.683 ± 0.039 χ^2/NDF : 3101.9/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 2.723+/-0.066 χ^2/NDF : 3824.8/3

Left Out: -2.438+/-0.036 χ^2/NDF : 538.5/9

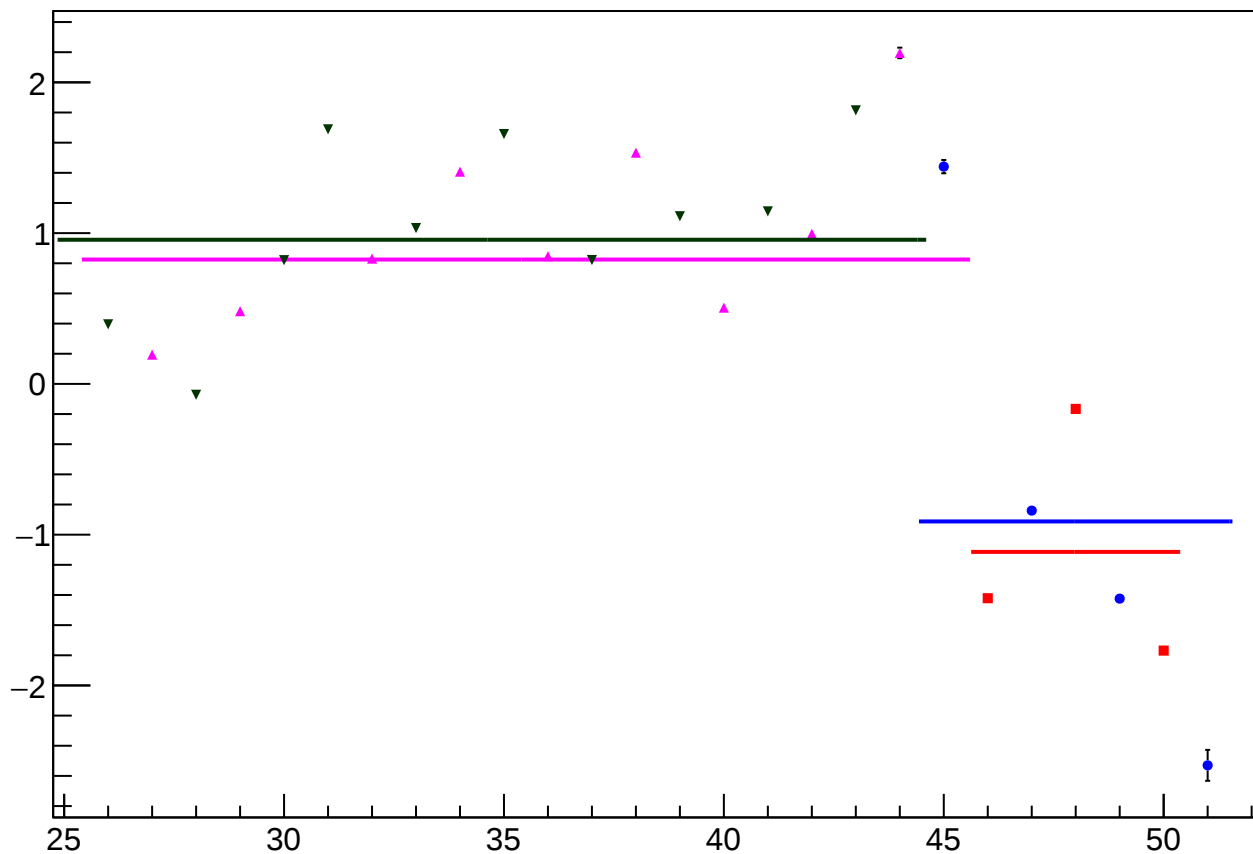
Right Out: 4.368+/-0.073 χ^2/NDF : 447.4/2

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

-1.253+/-0.032 χ^2/NDF : 9003.2/13

-1.157+/-0.029 χ^2/NDF : 8011.7/11

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.912 ± 0.016 χ^2/NDF : 3688.9/3

Left Out: 0.956 ± 0.008 χ^2/NDF : 4739.0/9

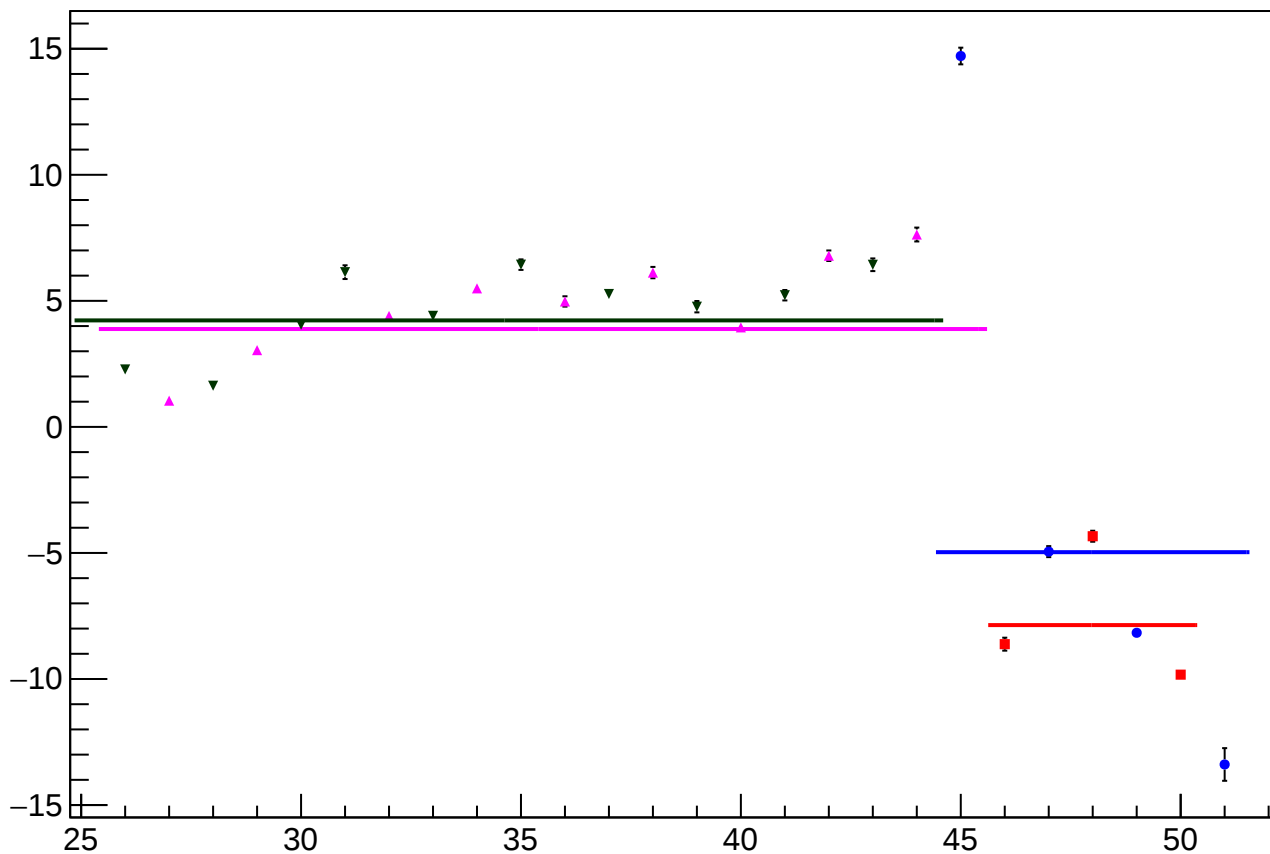
Right Out: -1.114 ± 0.017 χ^2/NDF : 1790.7/2

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.574 ± 0.007 χ^2/NDF : 19953.8/13

0.509 ± 0.007 χ^2/NDF : 17126.4/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -4.969+/-0.110 χ^2/NDF : 4219.3/3

Left Out: 4.225+/-0.060 χ^2/NDF : 727.8/9

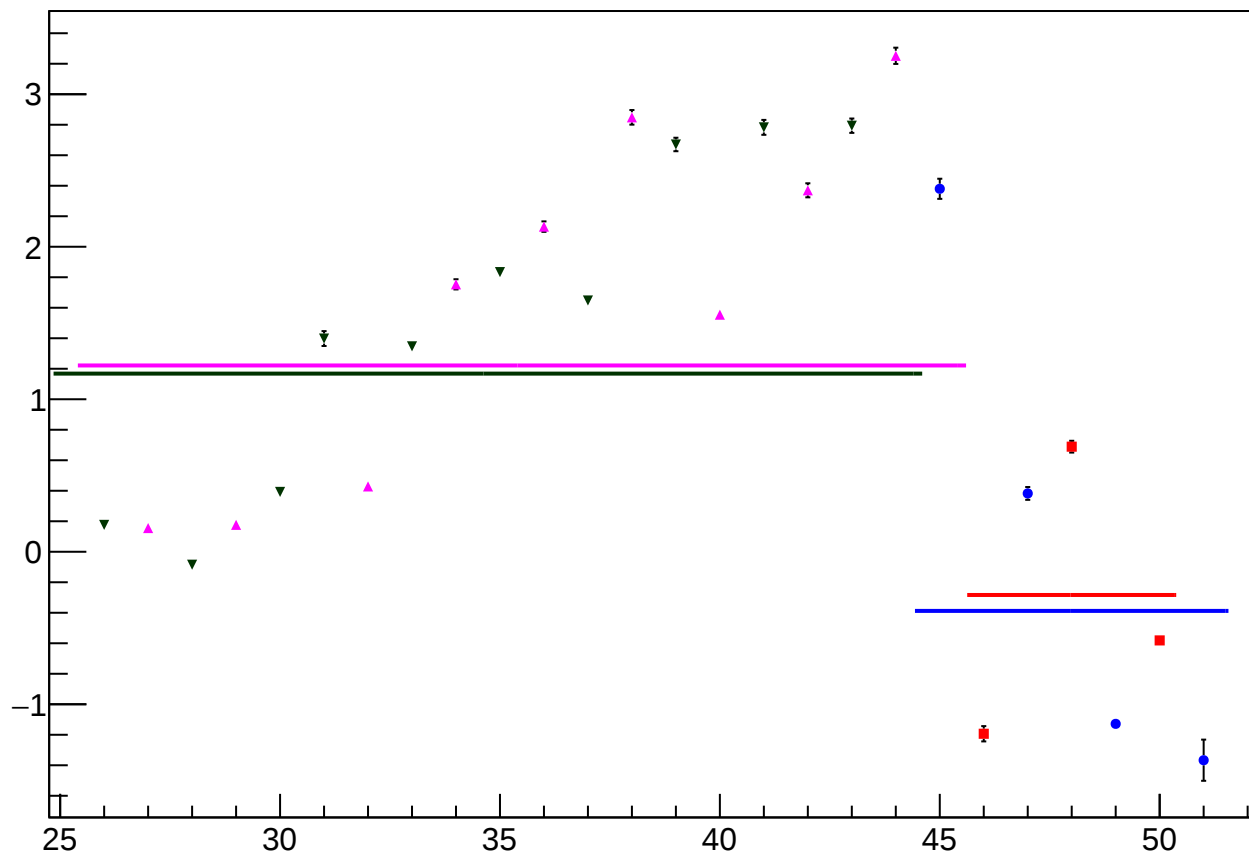
Right Out: -7.862+/-0.121 χ^2/NDF : 392.6/2

Left In: 3.882+/-0.053 χ^2/NDF : 1263.9/8

2.114+/-0.053 χ^2/NDF : 10326.1/13

1.997+/-0.049 χ^2/NDF : 9524.8/11

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.388 ± 0.021 χ^2/NDF : 2901.9/3

Left Out: 1.168 ± 0.011 χ^2/NDF : 8132.7/9

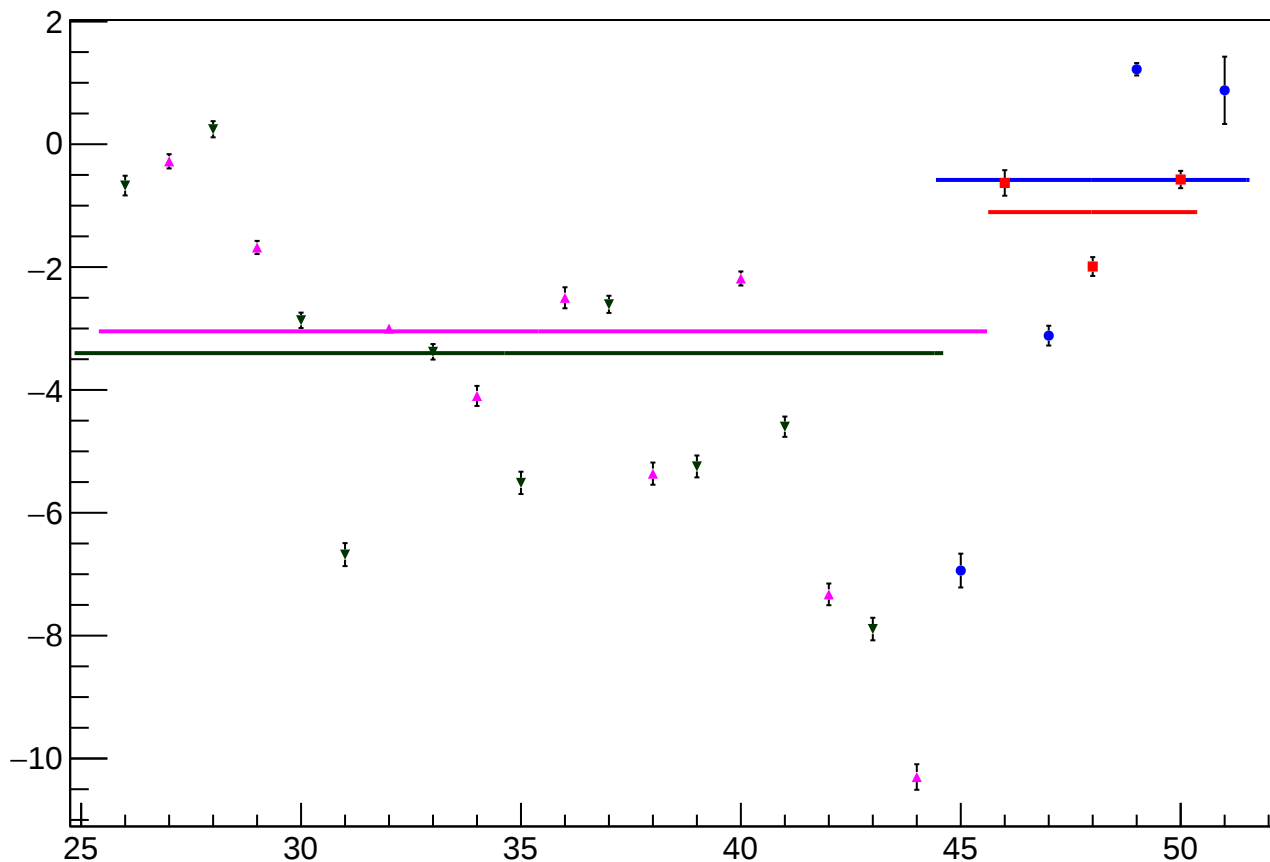
Right Out: -0.283 ± 0.022 χ^2/NDF : 1046.3/2

Left In: 1.222 ± 0.011 χ^2/NDF : 7856.1/8

0.859 ± 0.009 χ^2/NDF : 15353.1/13

0.925 ± 0.010 χ^2/NDF : 12593.5/11

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -0.581 ± 0.081 $\chi^2/\text{NDF}: 1106.0/3$

Left Out: -3.401 ± 0.048 $\chi^2/\text{NDF}: 2306.6/9$

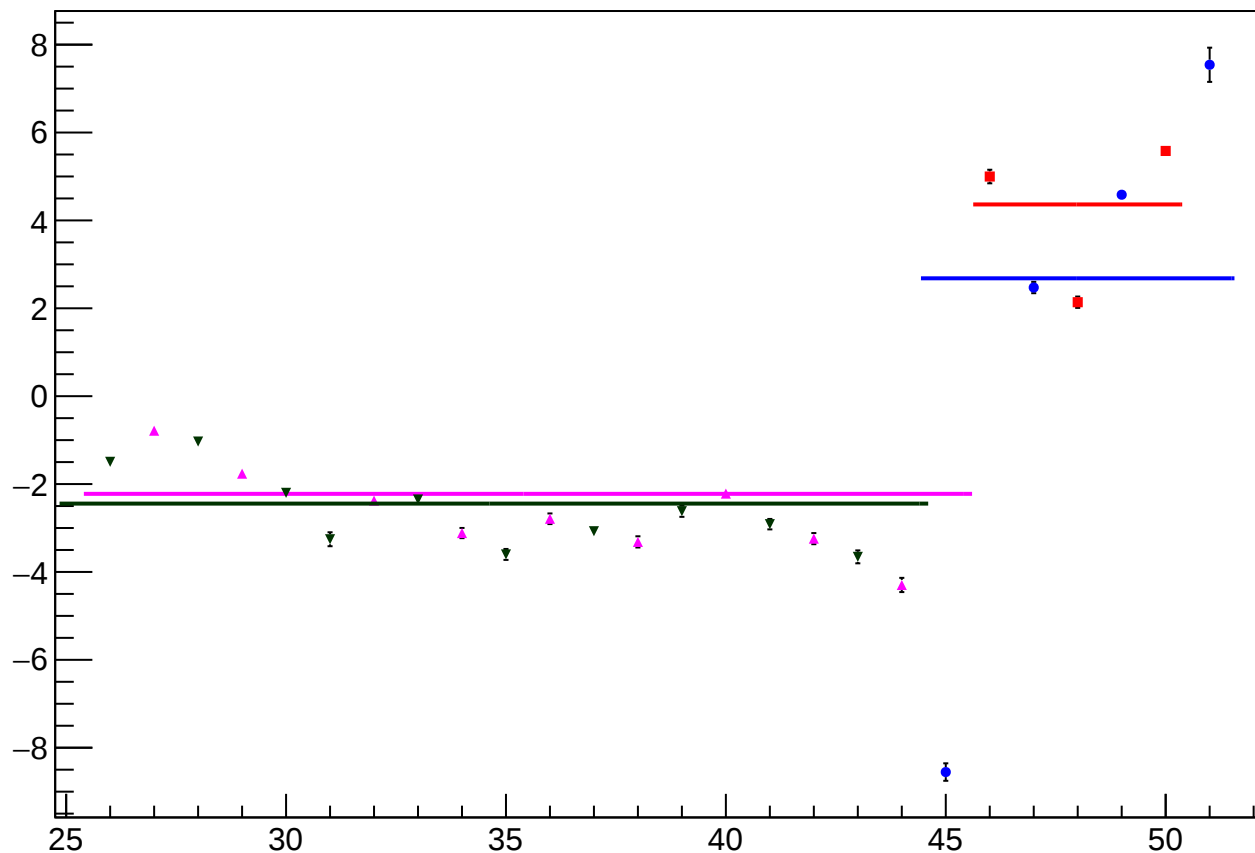
Right Out: -1.105 ± 0.093 $\chi^2/\text{NDF}: 52.8/2$

Left In: -3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.9/8$

-2.663 ± 0.041 $\chi^2/\text{NDF}: 4310.2/13$

-2.705 ± 0.039 $\chi^2/\text{NDF}: 3221.1/11$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 2.682 $\pm$ 0.066 χ^2 /NDF: 3854.7/3

Left Out: -2.445 $\pm$ 0.036 χ^2 /NDF: 529.3/9

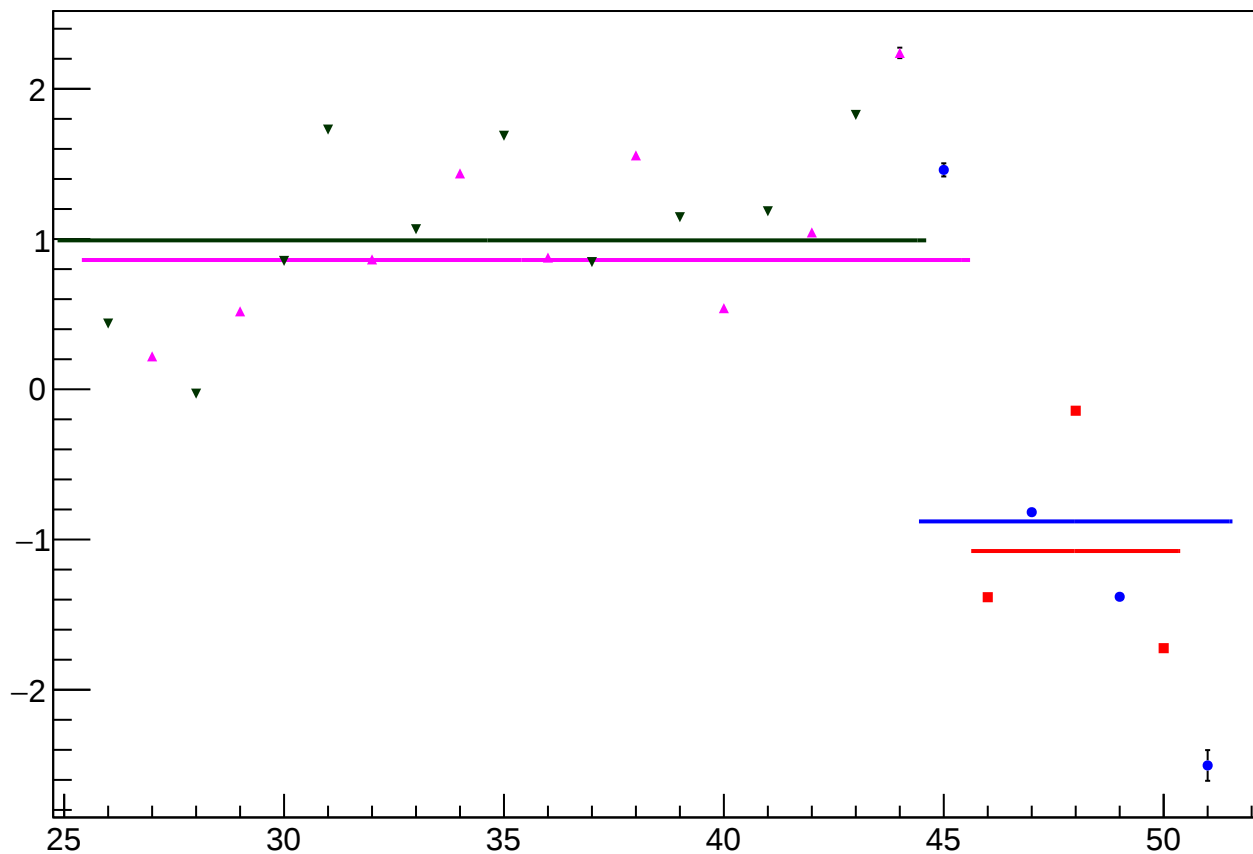
Right Out: 4.364 $\pm$ 0.073 χ^2 /NDF: 444.9/2

Left In: -2.223 $\pm$ 0.032 χ^2 /NDF: 822.2/8

-1.264 $\pm$ 0.032 χ^2 /NDF: 9058.1/13

-1.170 $\pm$ 0.029 χ^2 /NDF: 8191.9/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.879 ± 0.015 χ^2/NDF : 3679.9/3

Left Out: 0.991 ± 0.008 χ^2/NDF : 4720.4/9

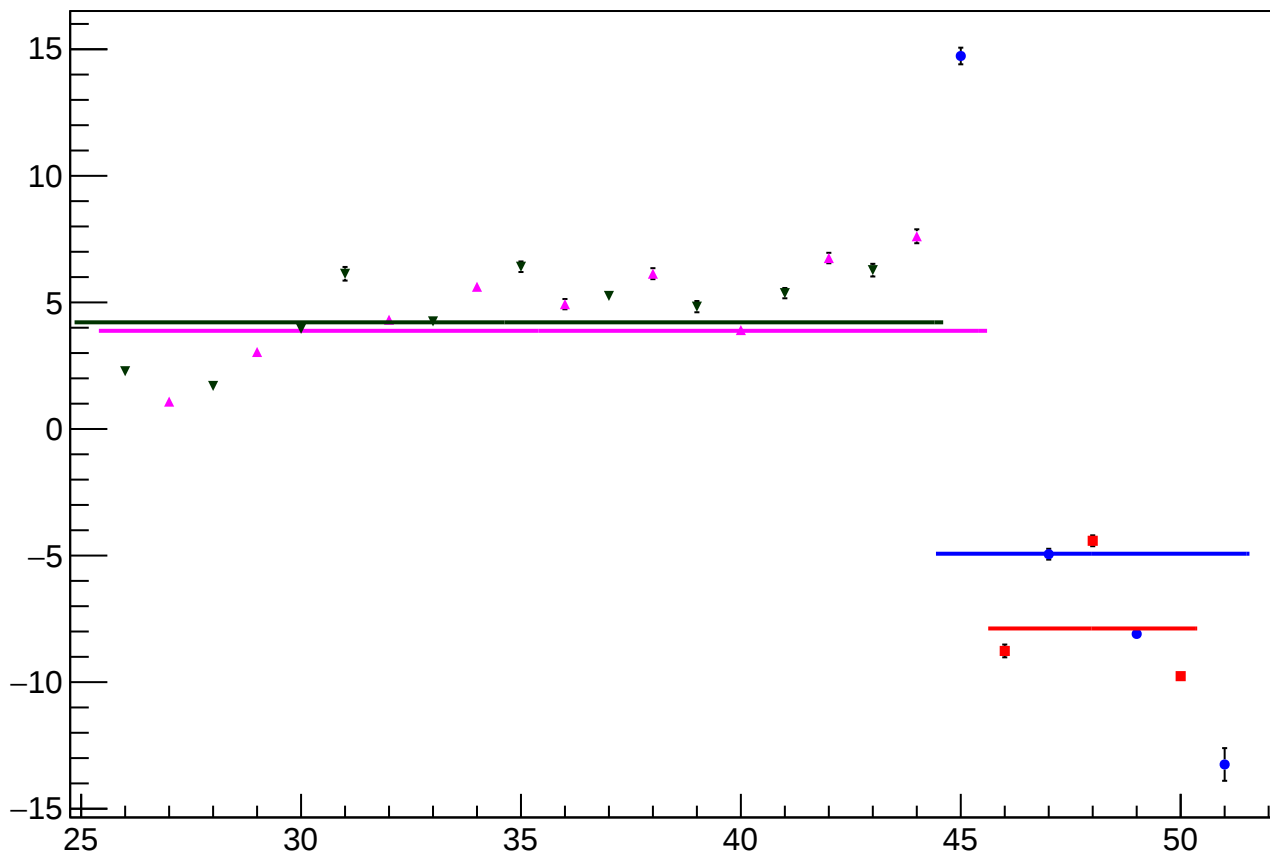
Right Out: -1.077 ± 0.016 χ^2/NDF : 1784.5/2

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.4/8

0.608 ± 0.007 χ^2/NDF : 20211.4/13

0.546 ± 0.007 χ^2/NDF : 17483.0/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -4.927+/-0.109 χ^2/NDF : 4253.2/3

Left Out: 4.214+/-0.060 χ^2/NDF : 711.6/9

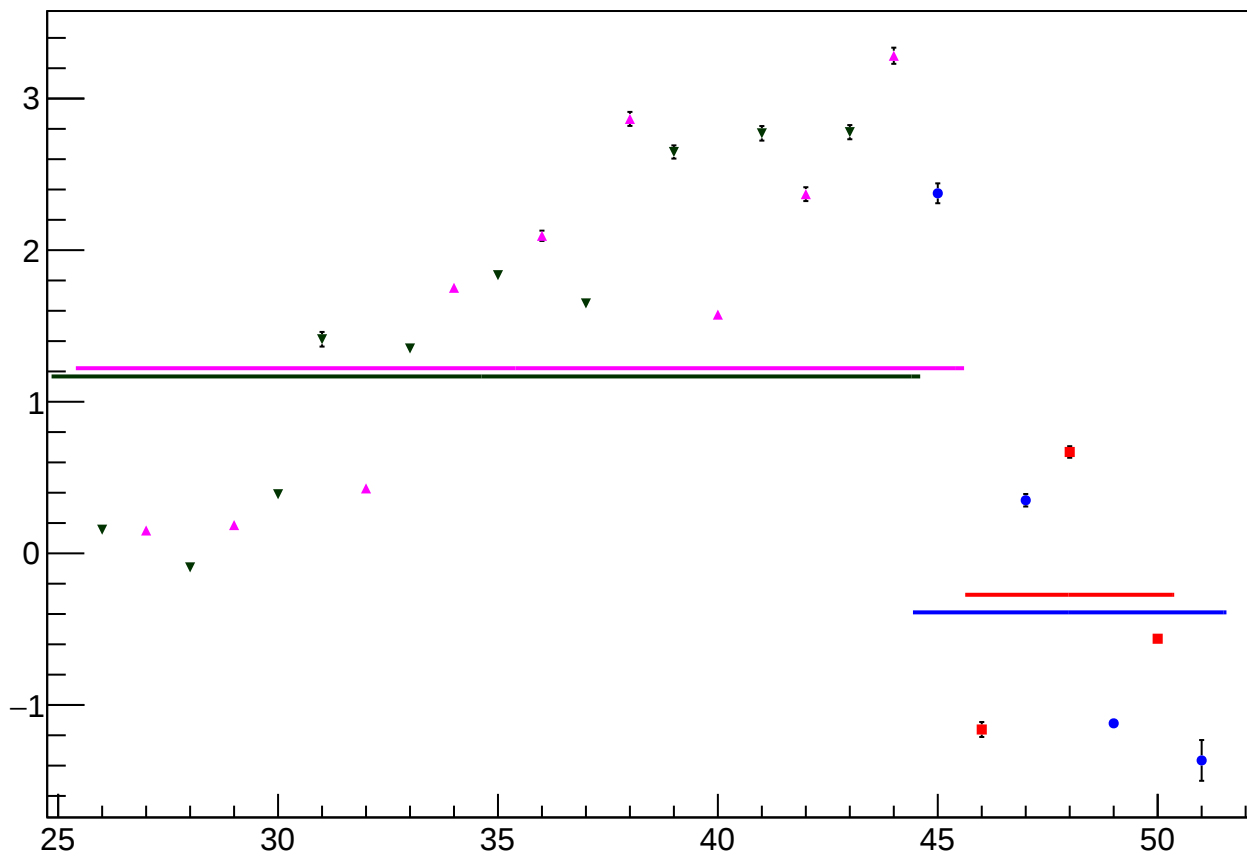
Right Out: -7.880+/-0.120 χ^2/NDF : 386.3/2

Left In: 3.878+/-0.052 χ^2/NDF : 1270.8/8

2.108+/-0.052 χ^2/NDF : 10390.9/13

1.994+/-0.048 χ^2/NDF : 9739.6/11

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.389 ± 0.021 χ^2/NDF : 2900.4/3

Left Out: 1.167 ± 0.010 χ^2/NDF : 8267.0/9

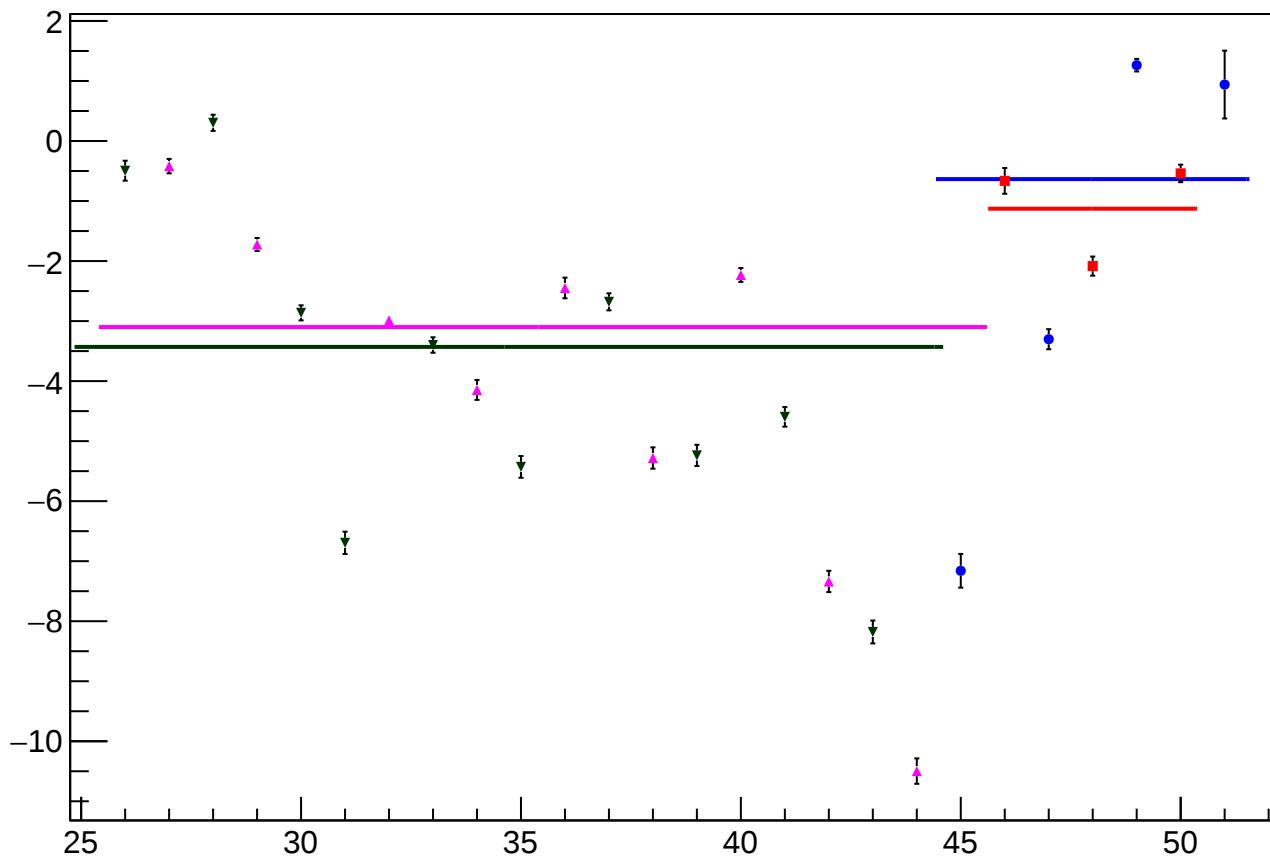
Right Out: -0.273 ± 0.022 χ^2/NDF : 1017.5/2

Left In: 1.221 ± 0.011 χ^2/NDF : 8098.5/8

0.857 ± 0.009 χ^2/NDF : 15575.2/13

0.926 ± 0.010 χ^2/NDF : 12844.8/11

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -0.635+/-0.084 χ^2/NDF : 1129.3/3

Left Out: -3.430+/-0.049 χ^2/NDF : 2337.3/9

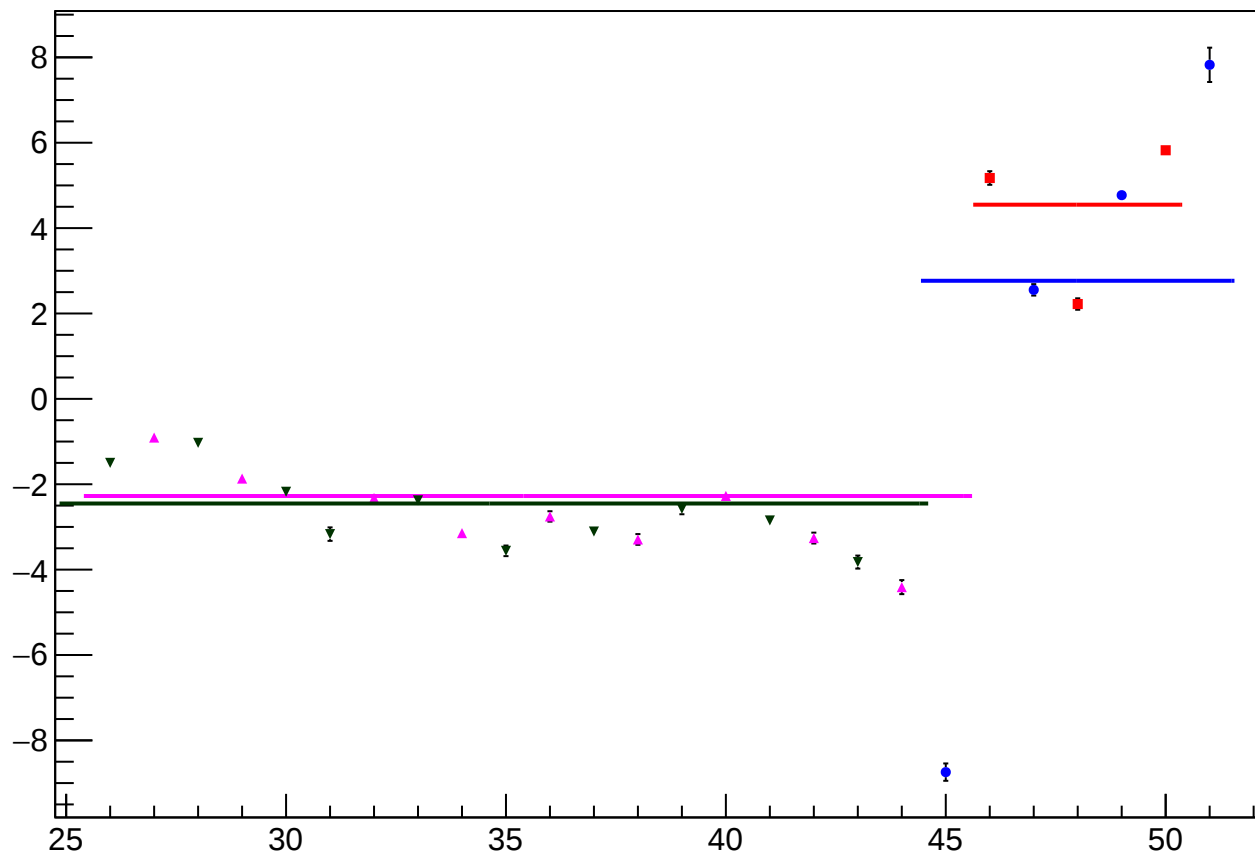
Right Out: -1.128+/-0.096 χ^2/NDF : 57.0/2

Left In: -3.099+/-0.043 χ^2/NDF : 2714.1/8

-2.723+/-0.042 χ^2/NDF : 4299.3/13

-2.767+/-0.040 χ^2/NDF : 3120.7/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 2.766 $\pm$ 0.068 χ^2 /NDF: 3891.0/3

Left Out: -2.451 $\pm$ 0.036 χ^2 /NDF: 518.0/9

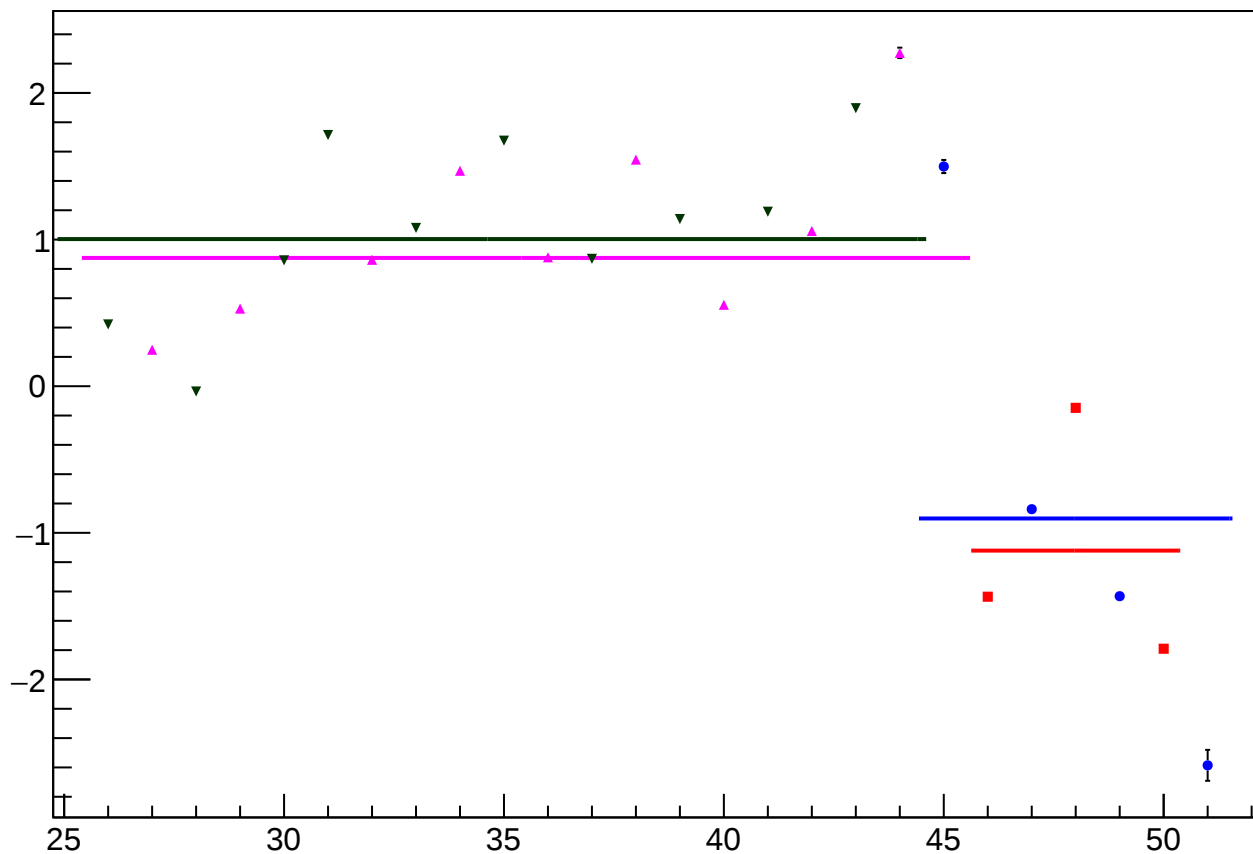
Right Out: 4.549 $\pm$ 0.075 χ^2 /NDF: 450.8/2

Left In: -2.276 $\pm$ 0.032 χ^2 /NDF: 728.6/8

-1.292 $\pm$ 0.032 χ^2 /NDF: 8974.5/13

-1.225 $\pm$ 0.029 χ^2 /NDF: 8170.7/11

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.902 ± 0.016 χ^2/NDF : 3724.8/3

Left Out: 1.003 ± 0.008 χ^2/NDF : 4667.5/9

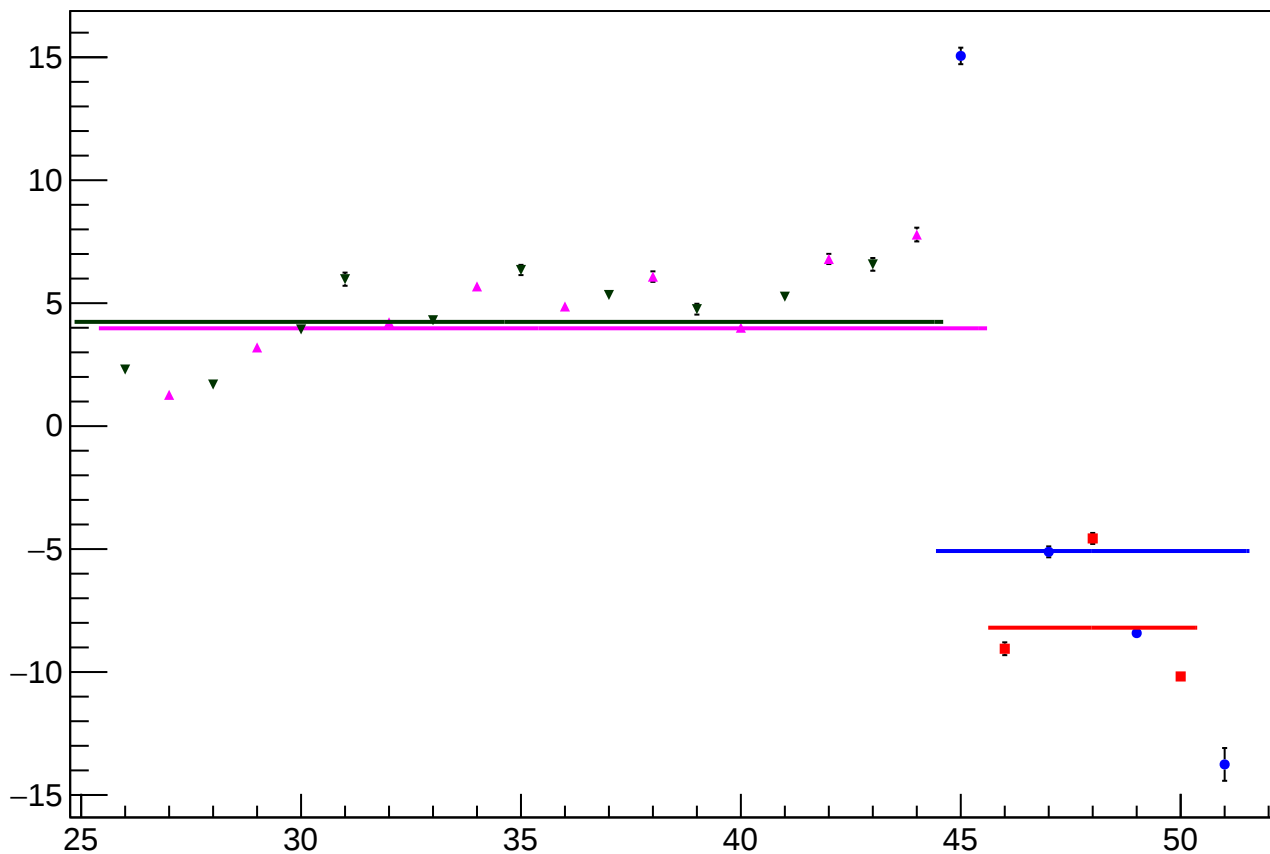
Right Out: -1.121 ± 0.017 χ^2/NDF : 1789.5/2

Left In: 0.875 ± 0.007 χ^2/NDF : 3999.7/8

0.627 ± 0.007 χ^2/NDF : 19936.5/13

0.565 ± 0.007 χ^2/NDF : 17326.3/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -5.079+/-0.113 χ^2 /NDF: 4289.6/3

Left Out: 4.240+/-0.060 χ^2 /NDF:692.9/9

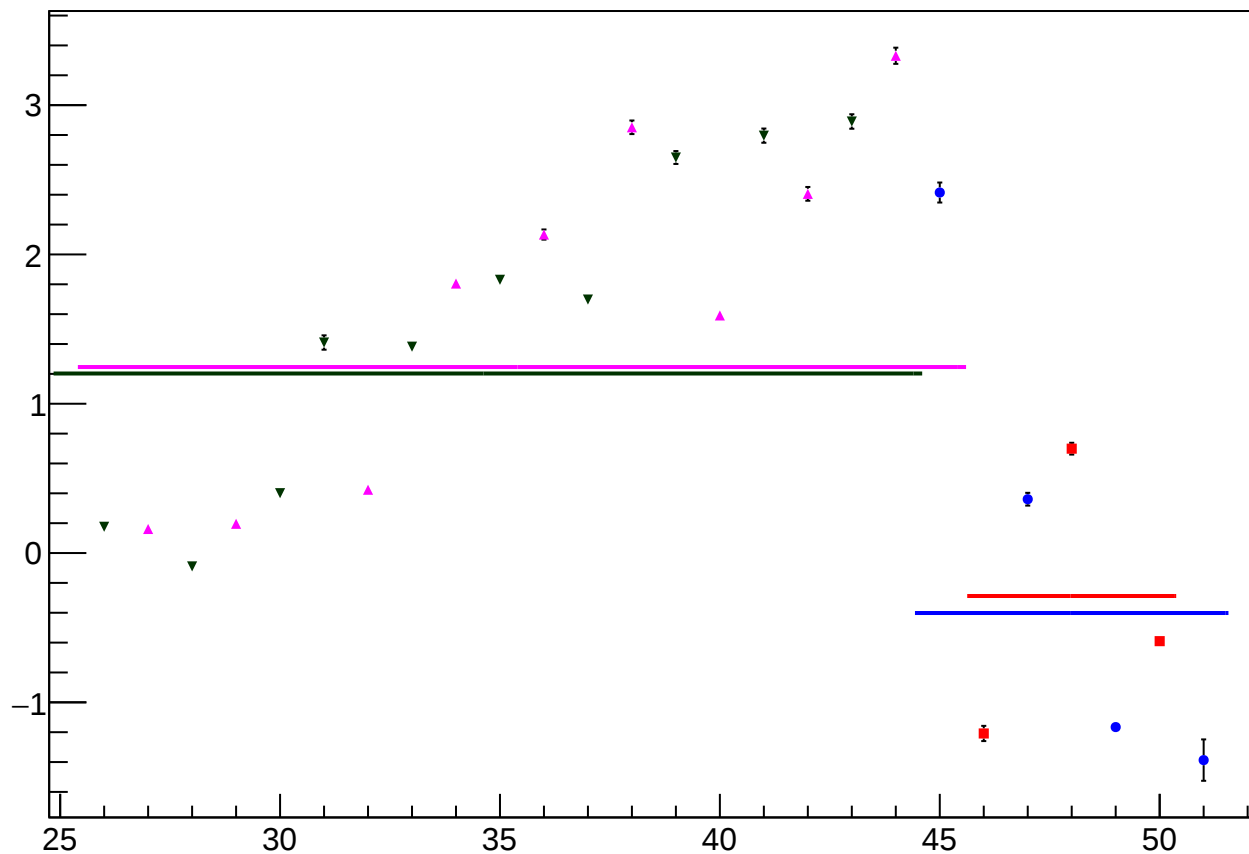
Right Out: -8.197+/-0.124 χ^2 /NDF: 393.5/2

Left In: 3.978+/-0.053 χ^2 /NDF:1142.5/8

2.167+/-0.053 χ^2 /NDF: 10300.1/13

2.096+/-0.049 χ^2 /NDF: 9682.7/11

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.402 ± 0.022 χ^2/NDF : 2892.9/3

Left Out: 1.203 ± 0.011 χ^2/NDF : 8206.3/9

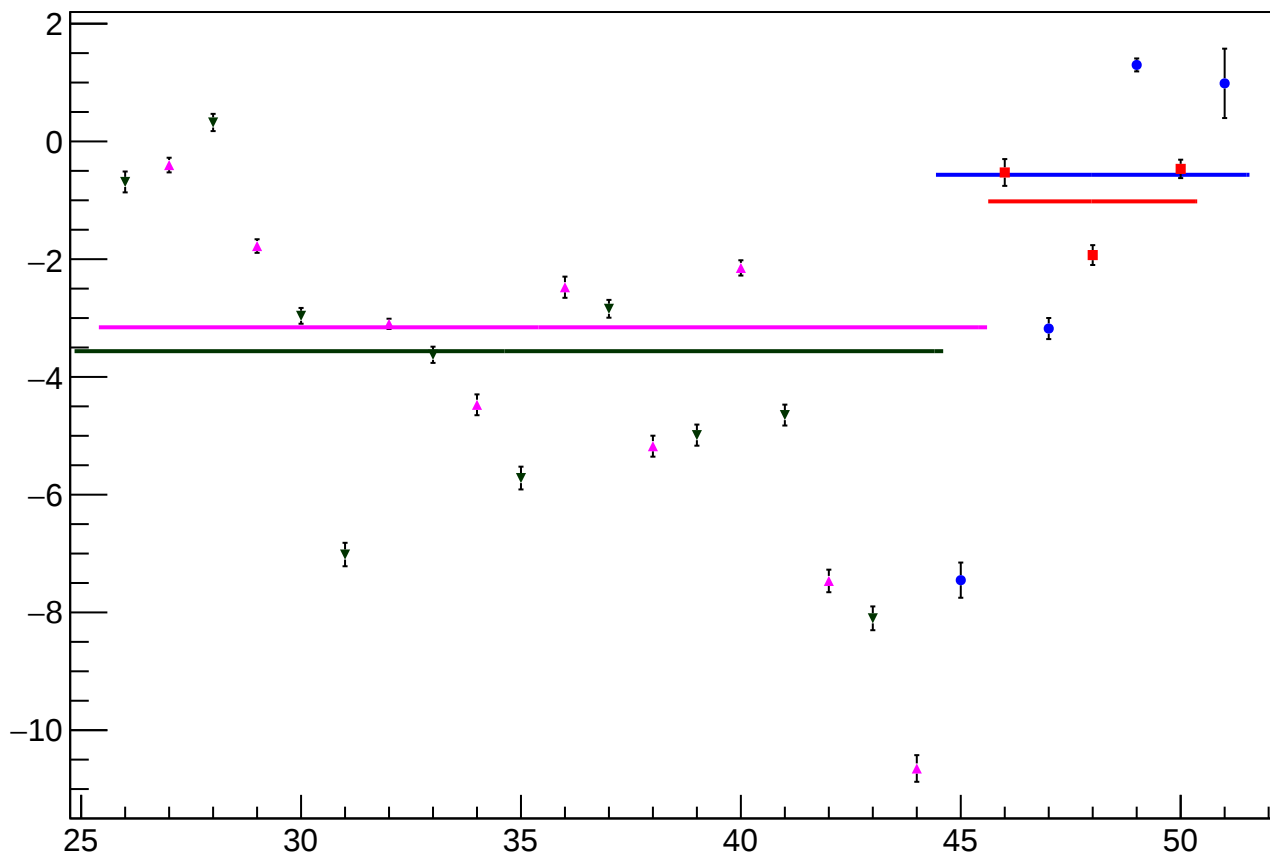
Right Out: -0.288 ± 0.023 χ^2/NDF : 1033.6/2

Left In: 1.246 ± 0.011 χ^2/NDF : 8115.6/8

0.893 ± 0.010 χ^2/NDF : 15503.7/13

0.954 ± 0.010 χ^2/NDF : 12847.0/11

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -0.567+/-0.088 χ^2/NDF : 1037.4/3

Left Out: -3.563+/-0.052 χ^2/NDF : 2041.0/9

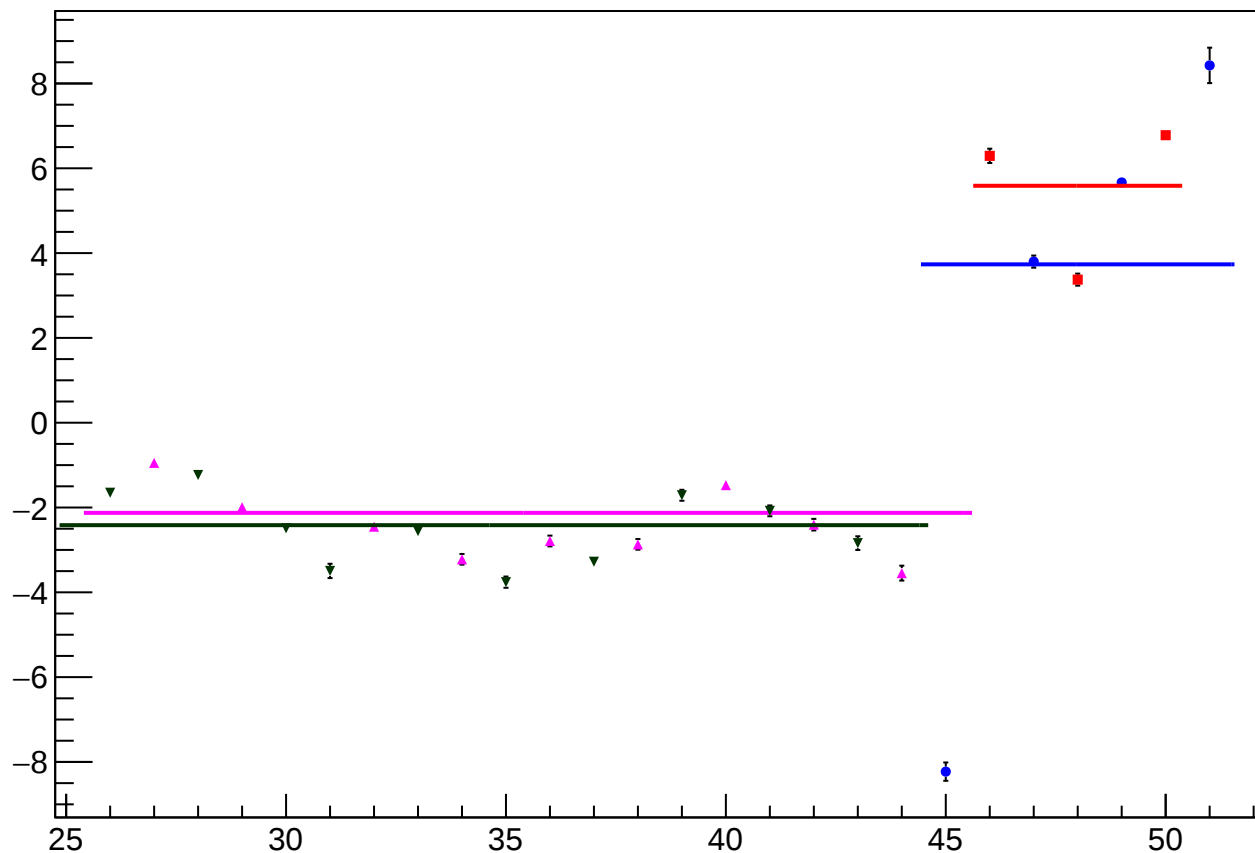
Right Out: -1.018+/-0.102 χ^2/NDF : 46.4/2

Left In: -3.157+/-0.046 χ^2/NDF : 2492.0/8

-2.793+/-0.045 χ^2/NDF : 3930.9/13

-2.797+/-0.042 χ^2/NDF : 2901.4/11

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 3.734+/-0.072 χ^2/NDF : 3629.0/3

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

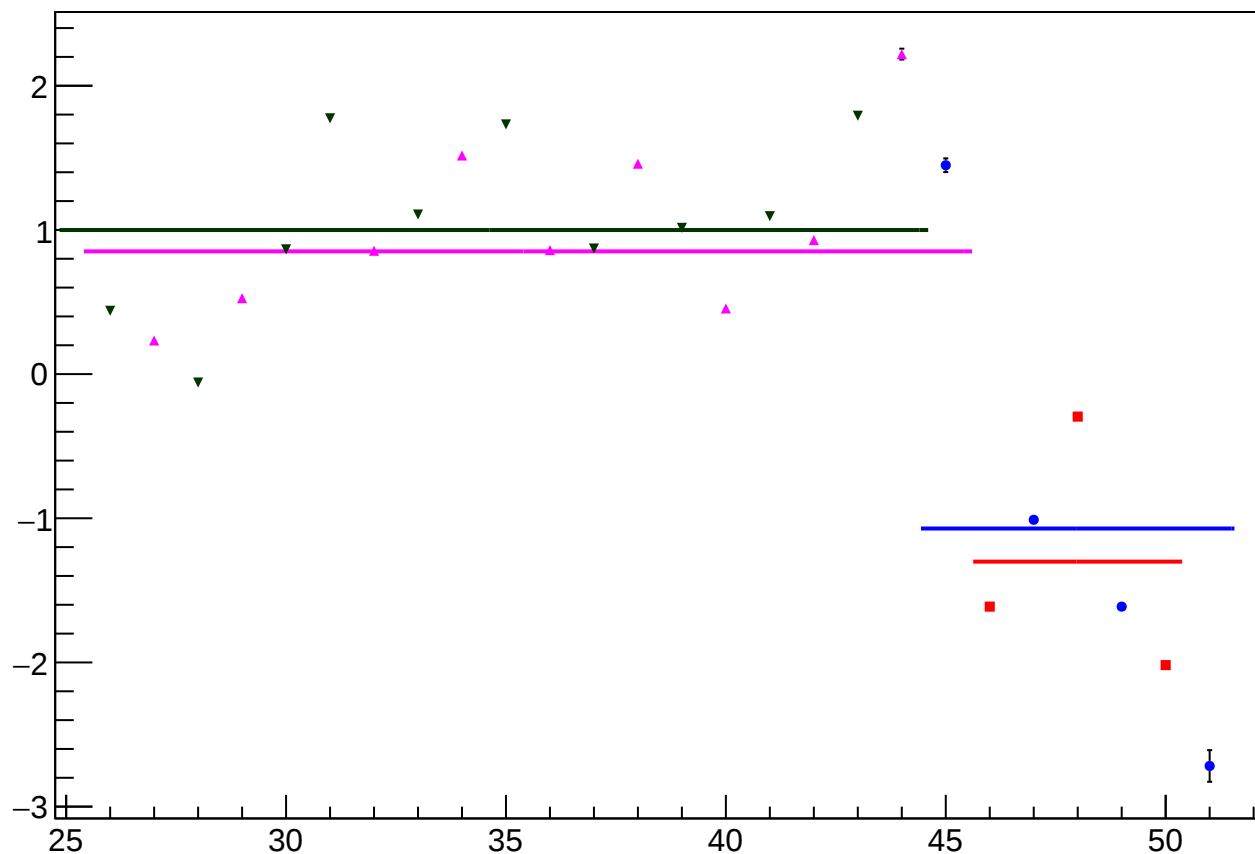
Right Out: 5.588+/-0.080 χ^2/NDF : 362.5/2

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-1.029+/-0.034 χ^2/NDF : 9695.5/13

-0.952+/-0.031 χ^2/NDF : 8753.6/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.071 ± 0.017 χ^2/NDF : 3591.8/3

Left Out: 0.999 ± 0.008 χ^2/NDF : 4096.0/9

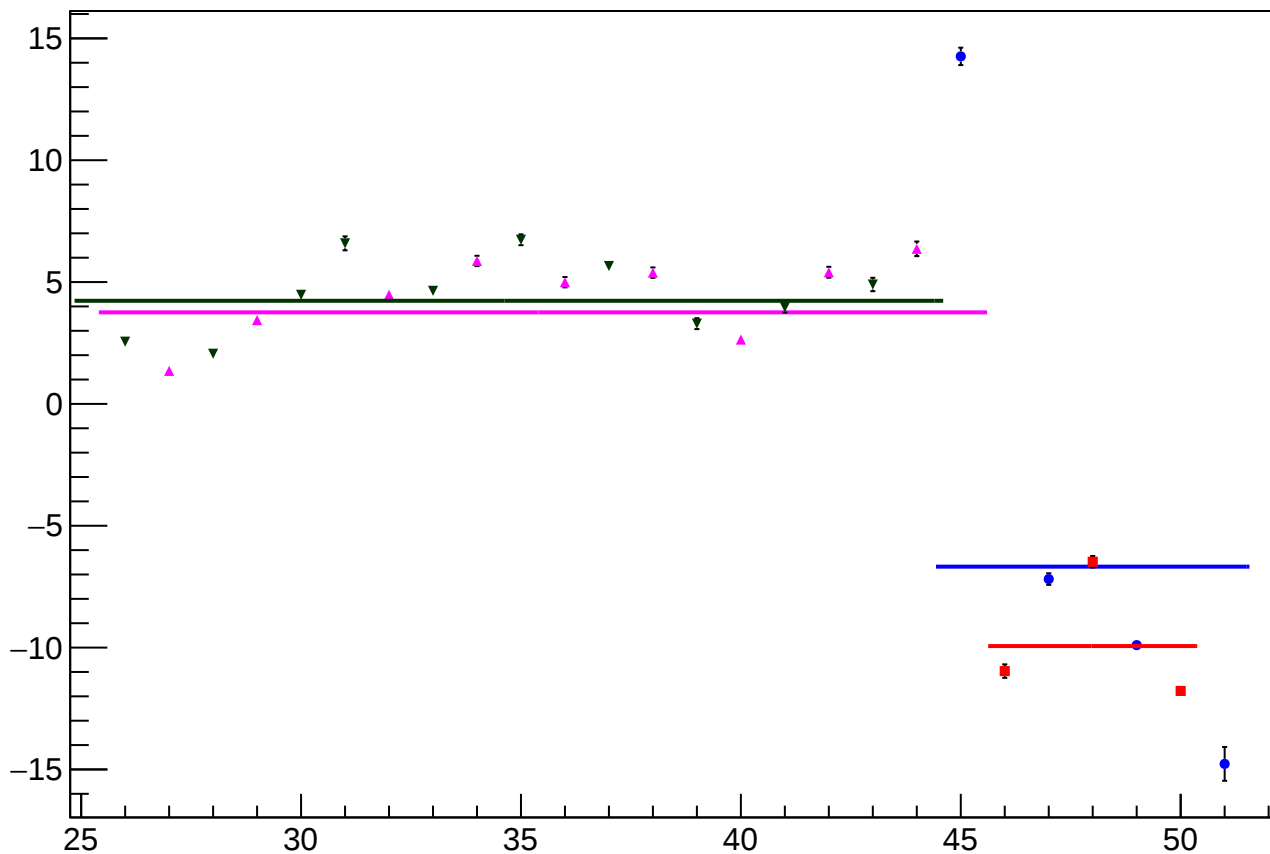
Right Out: -1.301 ± 0.018 χ^2/NDF : 1722.9/2

Left In: 0.851 ± 0.008 χ^2/NDF : 3579.4/8

0.584 ± 0.008 χ^2/NDF : 19820.2/13

0.519 ± 0.007 χ^2/NDF : 17156.7/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -6.678 ± 0.119 $\chi^2/\text{NDF}: 4021.0/3$

Left Out: 4.232 ± 0.064 $\chi^2/\text{NDF}: 531.4/9$

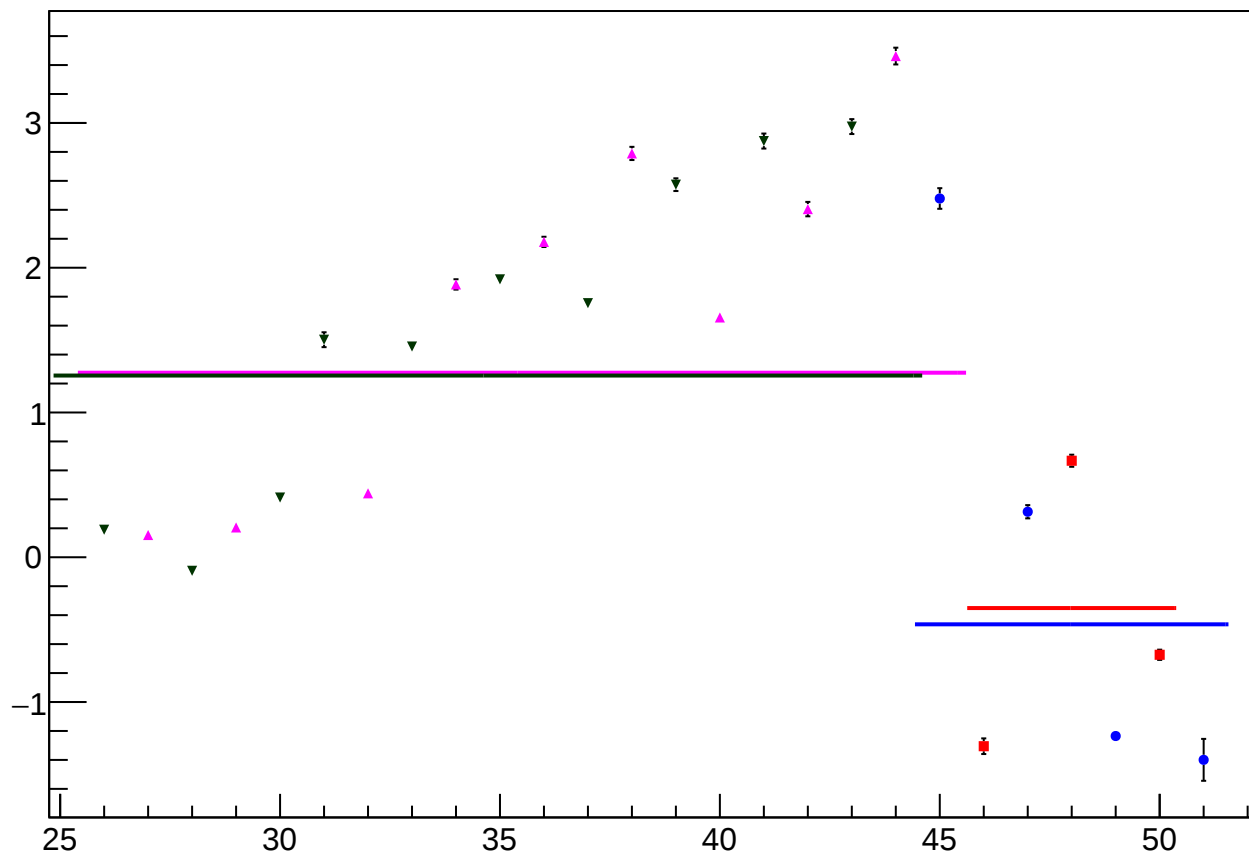
Right Out: -9.937 ± 0.132 $\chi^2/\text{NDF}: 316.8/2$

Left In: 3.757 ± 0.056 $\chi^2/\text{NDF}: 807.8/8$

1.767 ± 0.057 $\chi^2/\text{NDF}: 11051.1/13$

1.669 ± 0.052 $\chi^2/\text{NDF}: 10219.9/11$

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.463 ± 0.023 χ^2/NDF : 2735.0/3

Left Out: 1.255 ± 0.011 χ^2/NDF : 7468.2/9

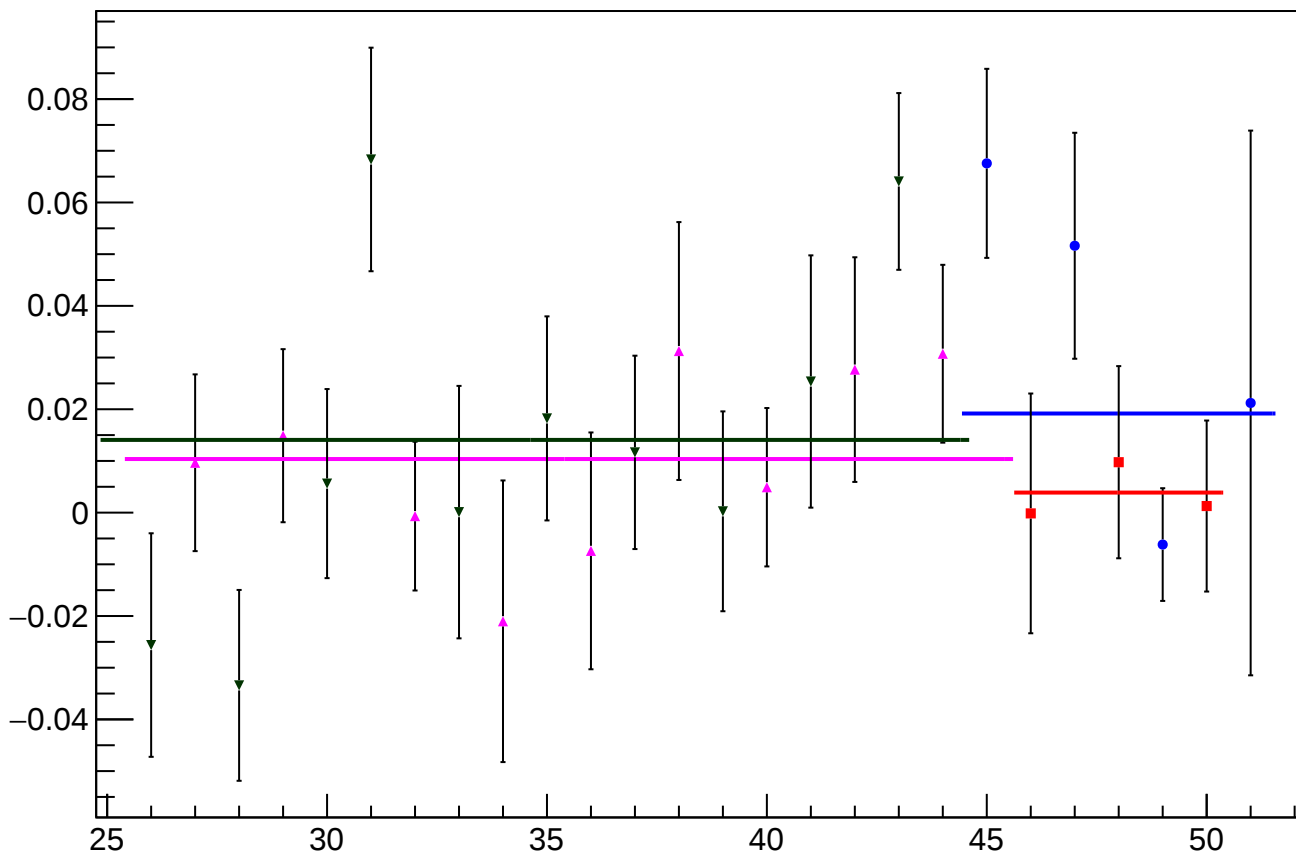
Right Out: -0.351 ± 0.024 χ^2/NDF : 989.3/2

Left In: 1.275 ± 0.012 χ^2/NDF : 7555.8/8

0.918 ± 0.010 χ^2/NDF : 14707.3/13

0.966 ± 0.011 χ^2/NDF : 12216.1/11

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.019 $\pm$ 0.008 χ^2 /NDF: 14.6/3

Left Out: 0.014 $\pm$ 0.006 χ^2 /NDF: 26.2/9

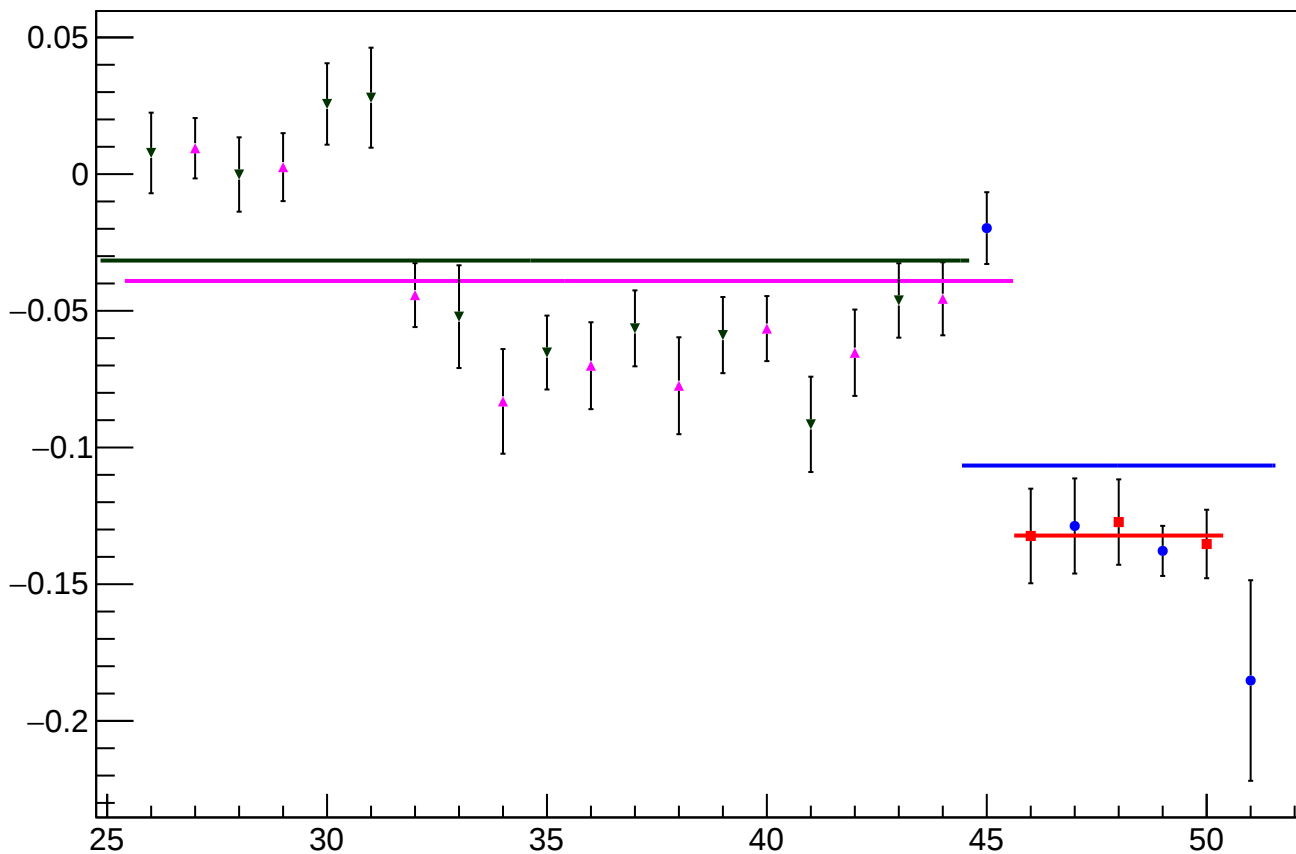
Right Out: 0.004 $\pm$ 0.011 χ^2 /NDF: 0.2/2

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF: 5.5/8

0.016 $\pm$ 0.005 χ^2 /NDF: 41.0/13

0.009 $\pm$ 0.005 χ^2 /NDF: 5.9/11

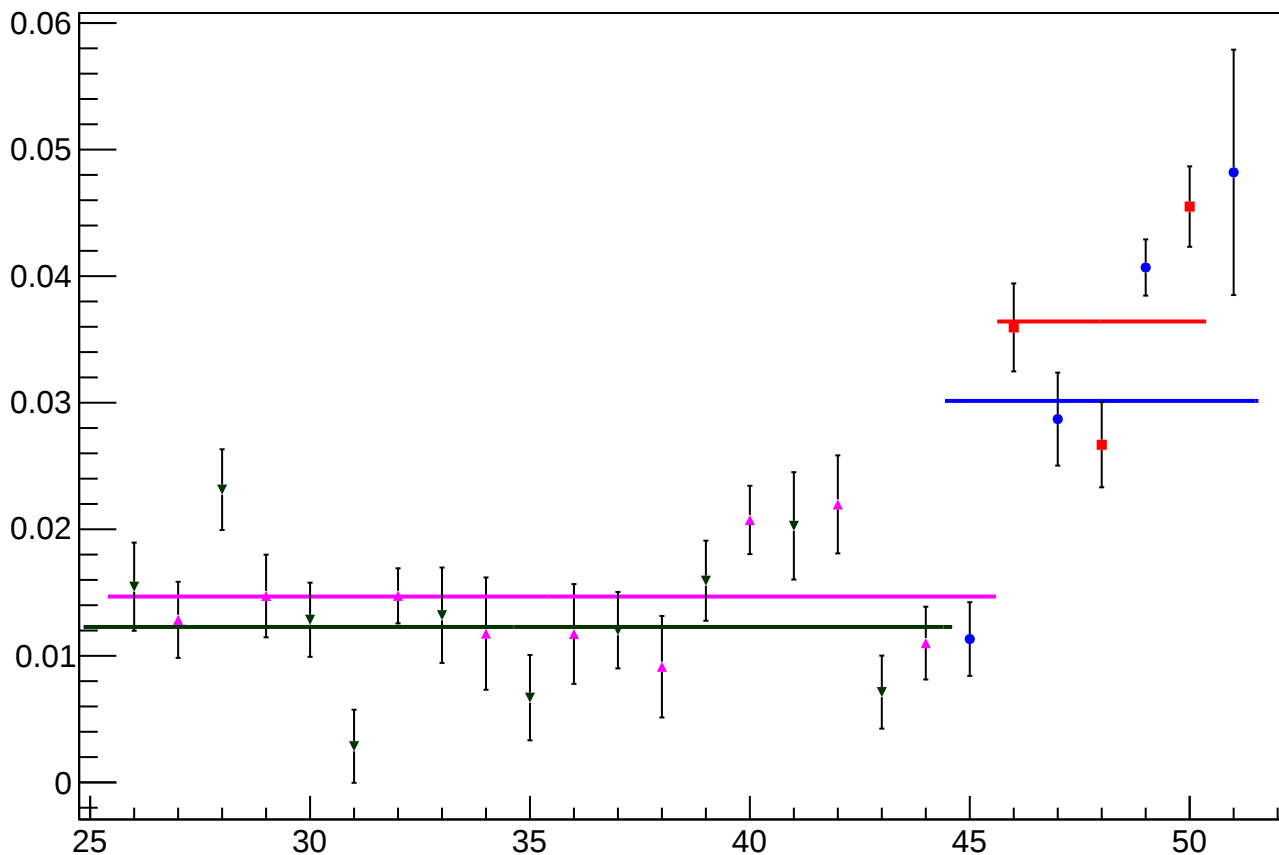
reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



-0.056 ± 0.004 $\chi^2/\text{NDF}: 209.2/13$

-0.060 ± 0.004 $\chi^2/\text{NDF}: 143.1/11$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.030 $\pm$ 0.002 χ^2 /NDF: 68.0/3

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

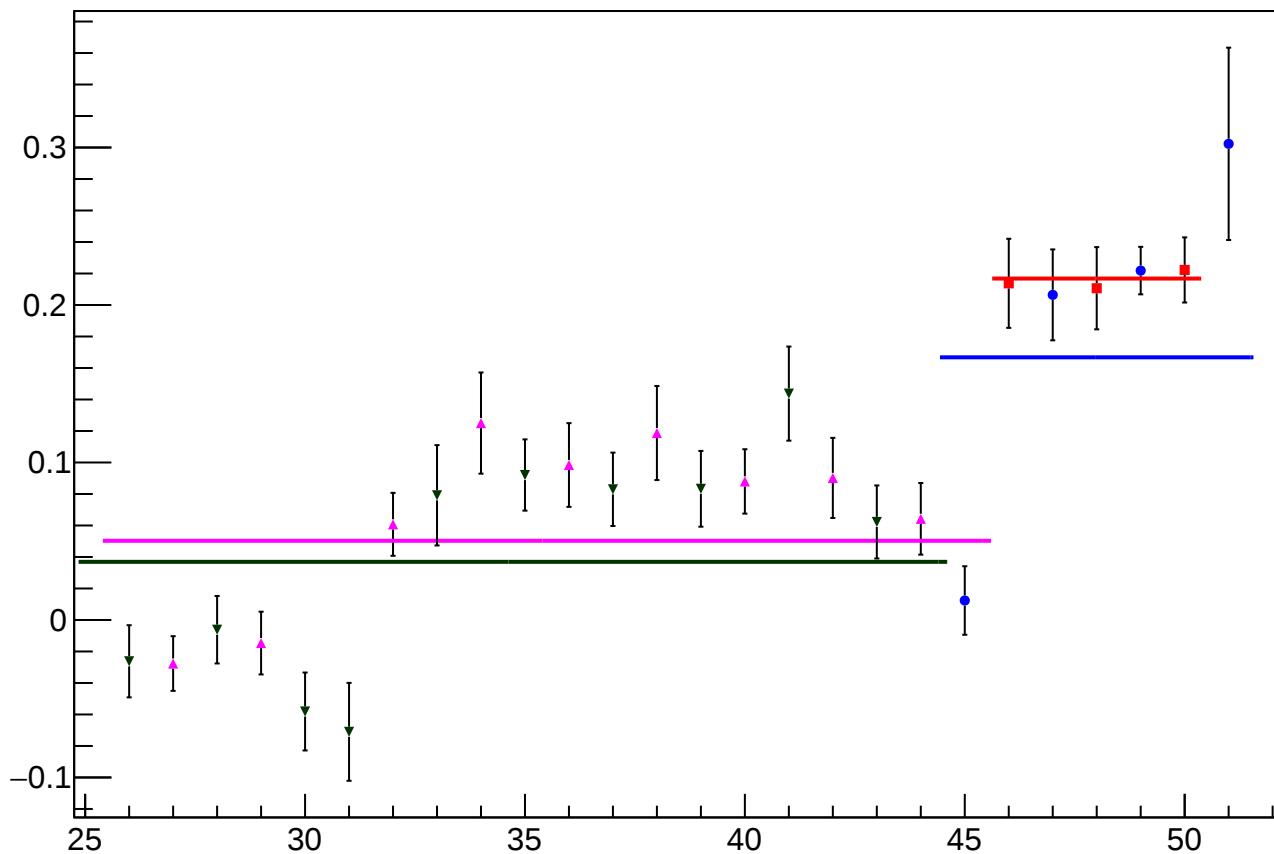
Right Out: 0.036 $\pm$ 0.002 χ^2 /NDF: 16.6/2

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.018 $\pm$ 0.001 χ^2 /NDF: 193.0/13

0.020 $\pm$ 0.001 χ^2 /NDF: 128.7/11

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.167 $\pm$ 0.011 χ^2 /NDF: 70.5/3

Left Out: 0.037 $\pm$ 0.008 χ^2 /NDF: 67.8/9

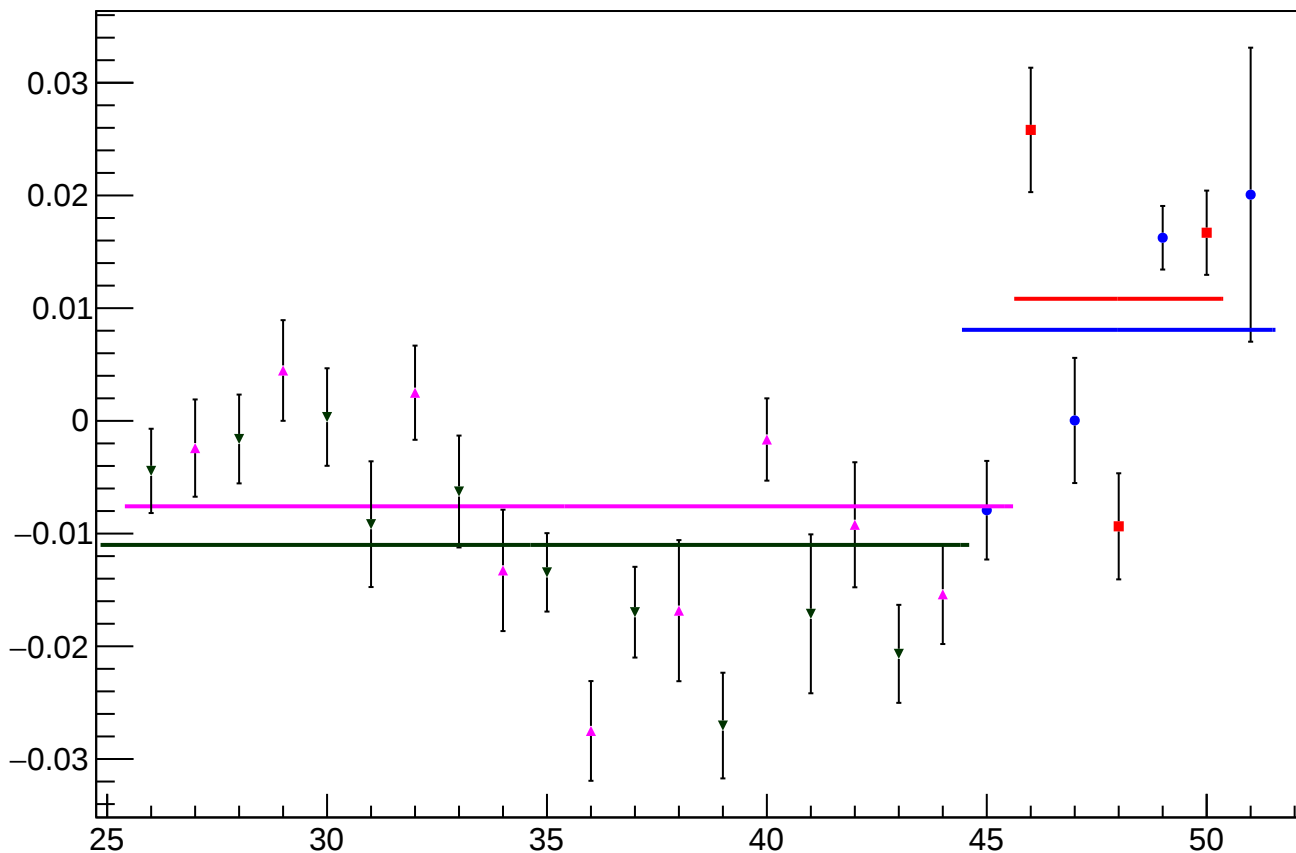
Right Out: 0.217 $\pm$ 0.014 χ^2 /NDF: 0.1/2

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.2/8

0.080 $\pm$ 0.006 χ^2 /NDF: 228.5/13

0.087 $\pm$ 0.007 χ^2 /NDF: 160.5/11

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.008 $\pm$ 0.002 χ^2 /NDF: 24.7/3

Left Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 36.7/9

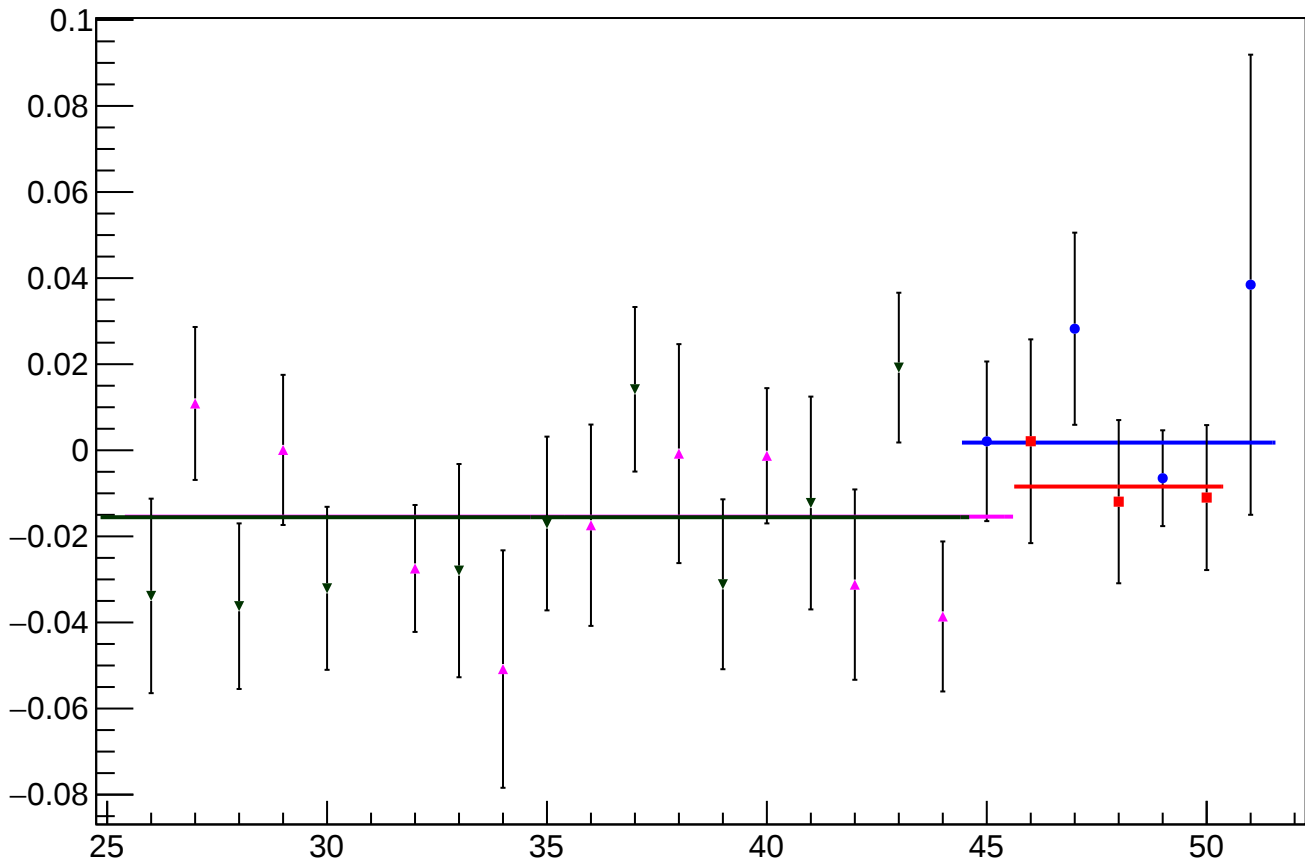
Right Out: 0.011 $\pm$ 0.003 χ^2 /NDF: 28.2/2

Left In: -0.008 $\pm$ 0.002 χ^2 /NDF: 44.0/8

-0.005 $\pm$ 0.001 χ^2 /NDF: 117.2/13

-0.003 $\pm$ 0.001 χ^2 /NDF: 109.9/11

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 2.4/3

Left Out: -0.016 $\pm$ 0.007 χ^2 /NDF: 9.9/8

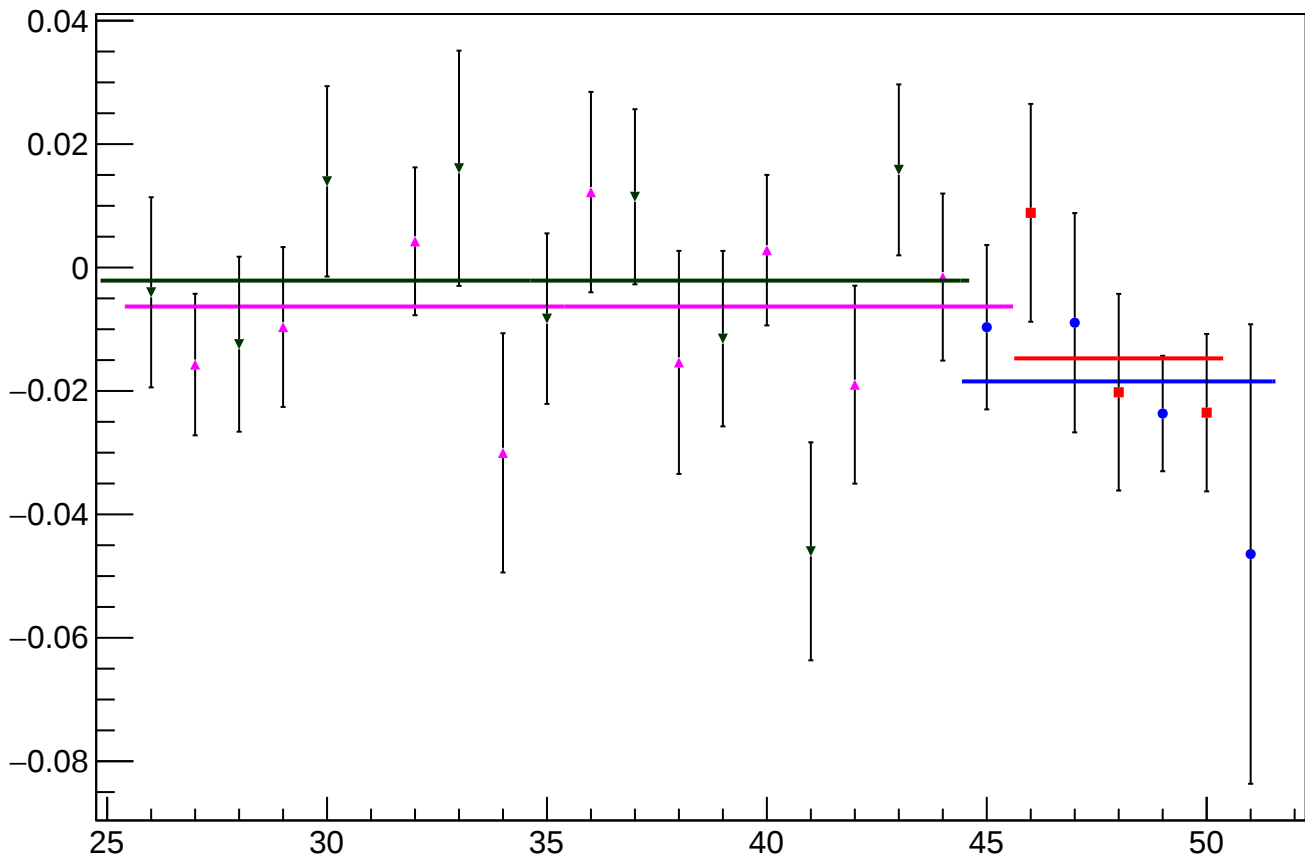
Right Out: -0.008 $\pm$ 0.011 χ^2 /NDF: 0.3/2

Left In: -0.015 $\pm$ 0.006 χ^2 /NDF: 8.7/8

-0.009 $\pm$ 0.005 χ^2 /NDF: 14.8/12

-0.014 $\pm$ 0.005 χ^2 /NDF: 9.3/11

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.018 ± 0.007 $\chi^2/\text{NDF}: 1.6/3$

Left Out: -0.002 ± 0.005 $\chi^2/\text{NDF}: 11.9/8$

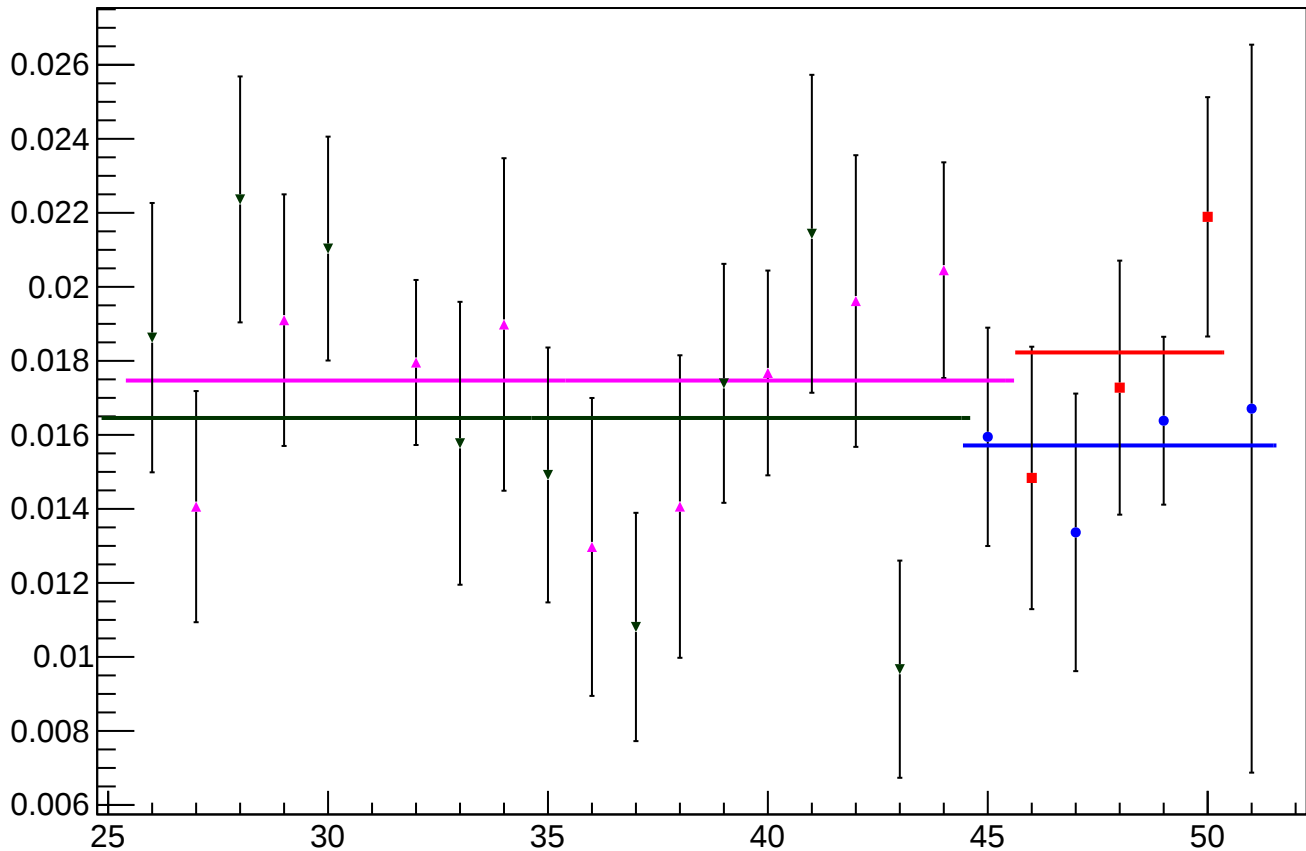
Right Out: -0.015 ± 0.009 $\chi^2/\text{NDF}: 2.4/2$

Left In: -0.006 ± 0.005 $\chi^2/\text{NDF}: 5.9/8$

-0.008 ± 0.004 $\chi^2/\text{NDF}: 17.2/12$

-0.008 ± 0.004 $\chi^2/\text{NDF}: 9.0/11$

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016+/-0.002 χ^2/NDF : 0.5/3

Left Out: 0.016+/-0.001 χ^2/NDF : 16.2/8

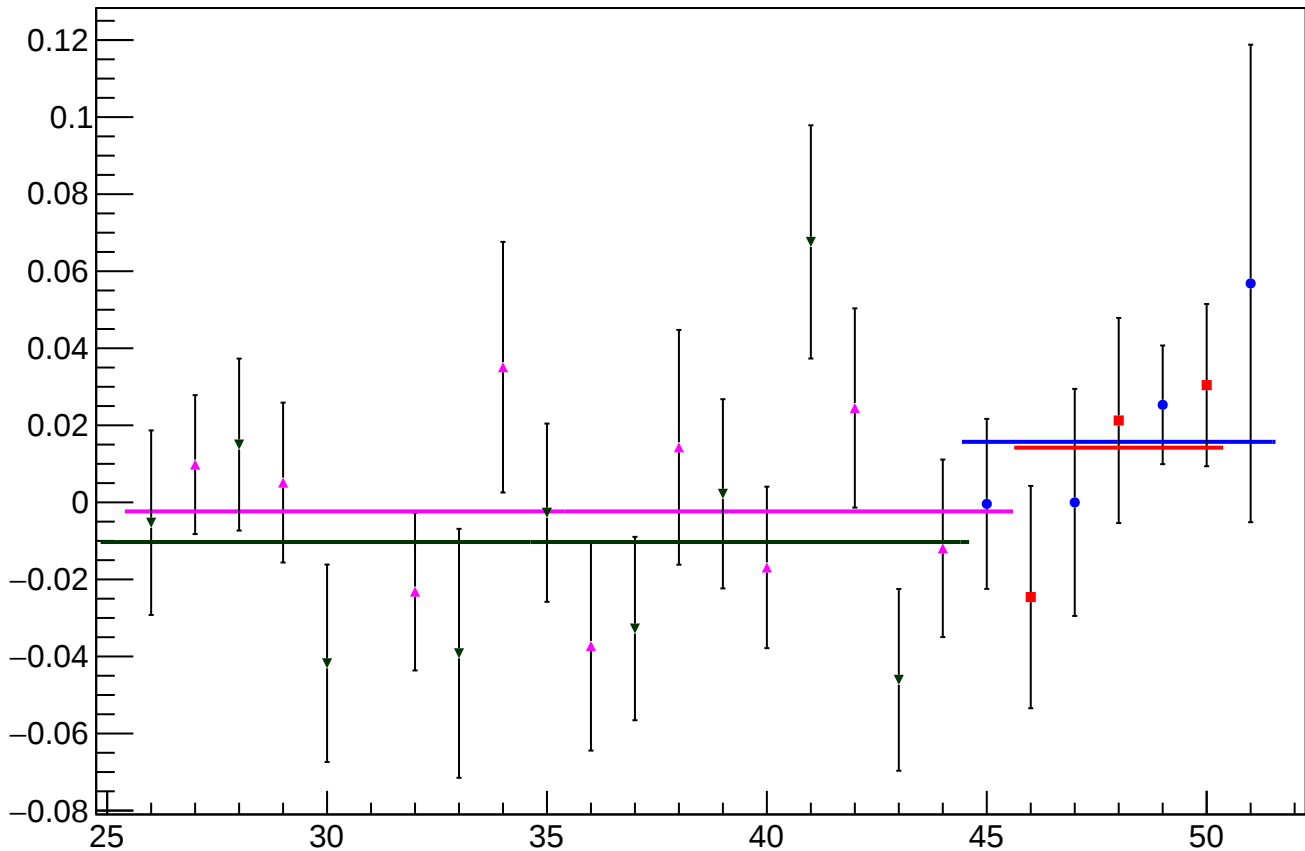
Right Out: 0.018+/-0.002 χ^2/NDF : 2.3/2

Left In: 0.017+/-0.001 χ^2/NDF : 4.9/8

0.016+/-0.001 χ^2/NDF : 16.8/12

0.018+/-0.001 χ^2/NDF : 7.3/11

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.016 $\pm$ 0.011 χ^2 /NDF: 1.6/3

Left Out: -0.010 $\pm$ 0.008 χ^2 /NDF:13.8/8

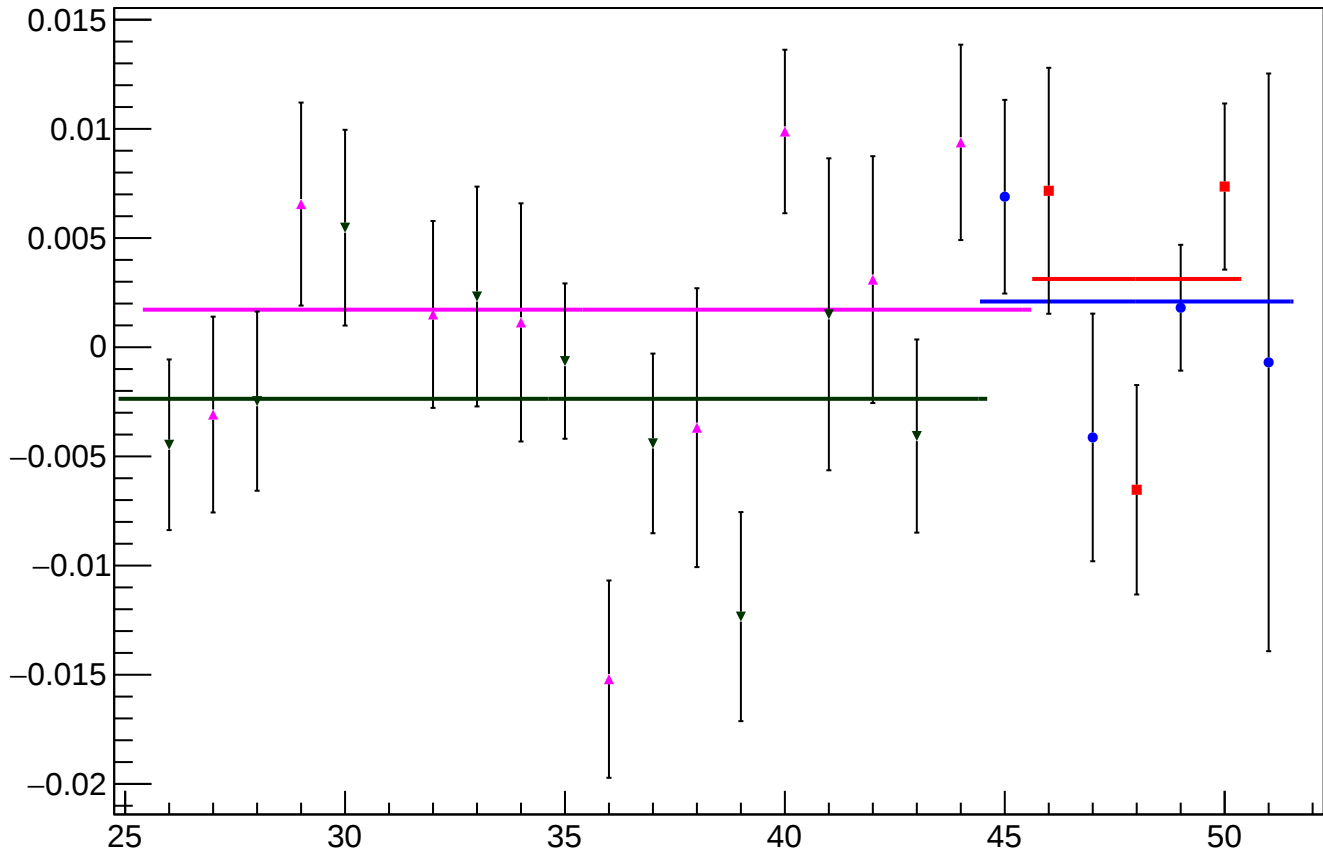
Right Out: 0.014 $\pm$ 0.014 χ^2 /NDF: 2.5/2

Left In: -0.002 $\pm$ 0.008 χ^2 /NDF:6.6/8

-0.001 $\pm$ 0.007 χ^2 /NDF: 18.9/12

0.001 $\pm$ 0.007 χ^2 /NDF: 10.1/11

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002 ± 0.002 χ^2/NDF : 2.4/3

Left Out: -0.002 ± 0.001 χ^2/NDF : 9.5/8

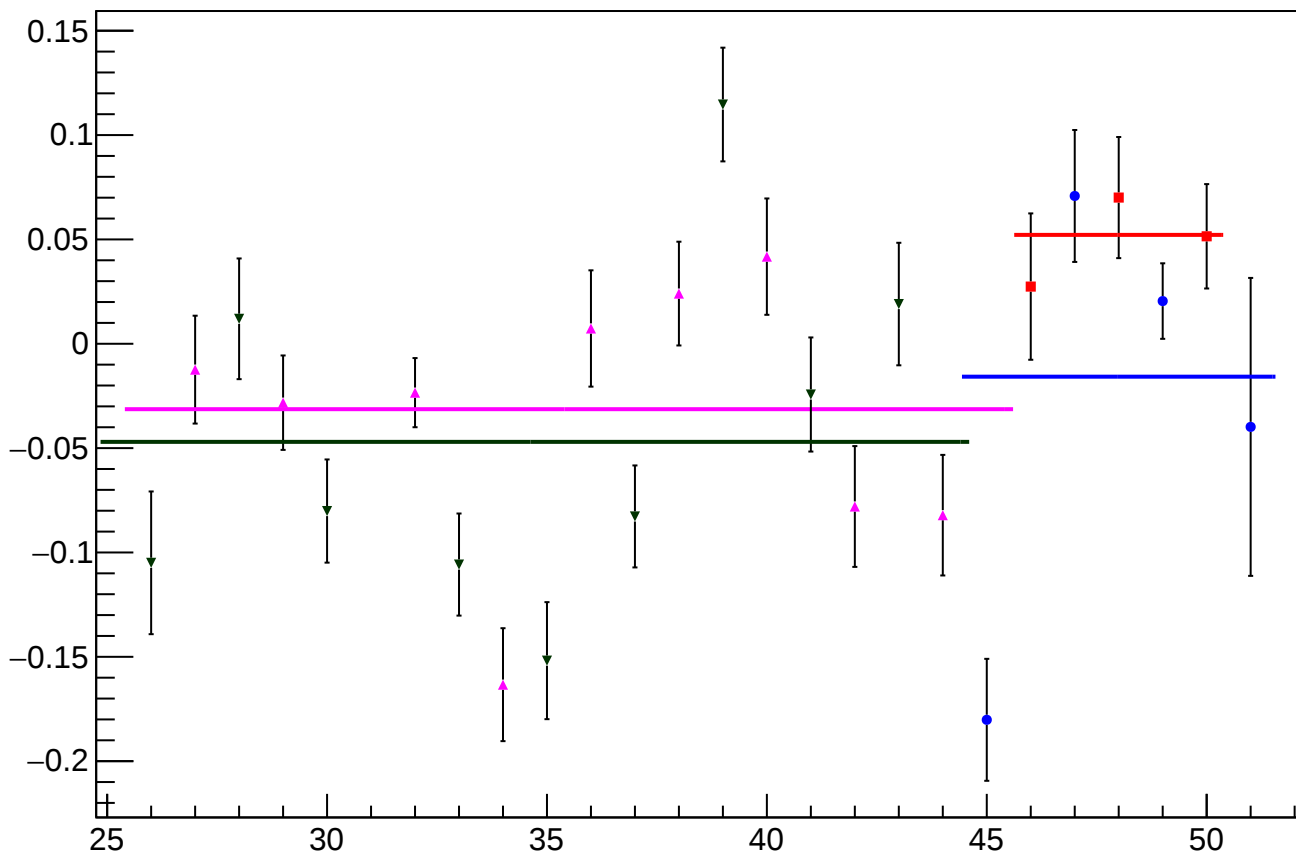
Right Out: 0.003 ± 0.003 χ^2/NDF : 5.8/2

Left In: 0.002 ± 0.002 χ^2/NDF : 24.7/8

-0.001 ± 0.001 χ^2/NDF : 14.8/12

0.002 ± 0.001 χ^2/NDF : 30.7/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.016 ± 0.014 χ^2/NDF : 43.3/3

Left Out: -0.047 ± 0.009 χ^2/NDF : 71.7/8

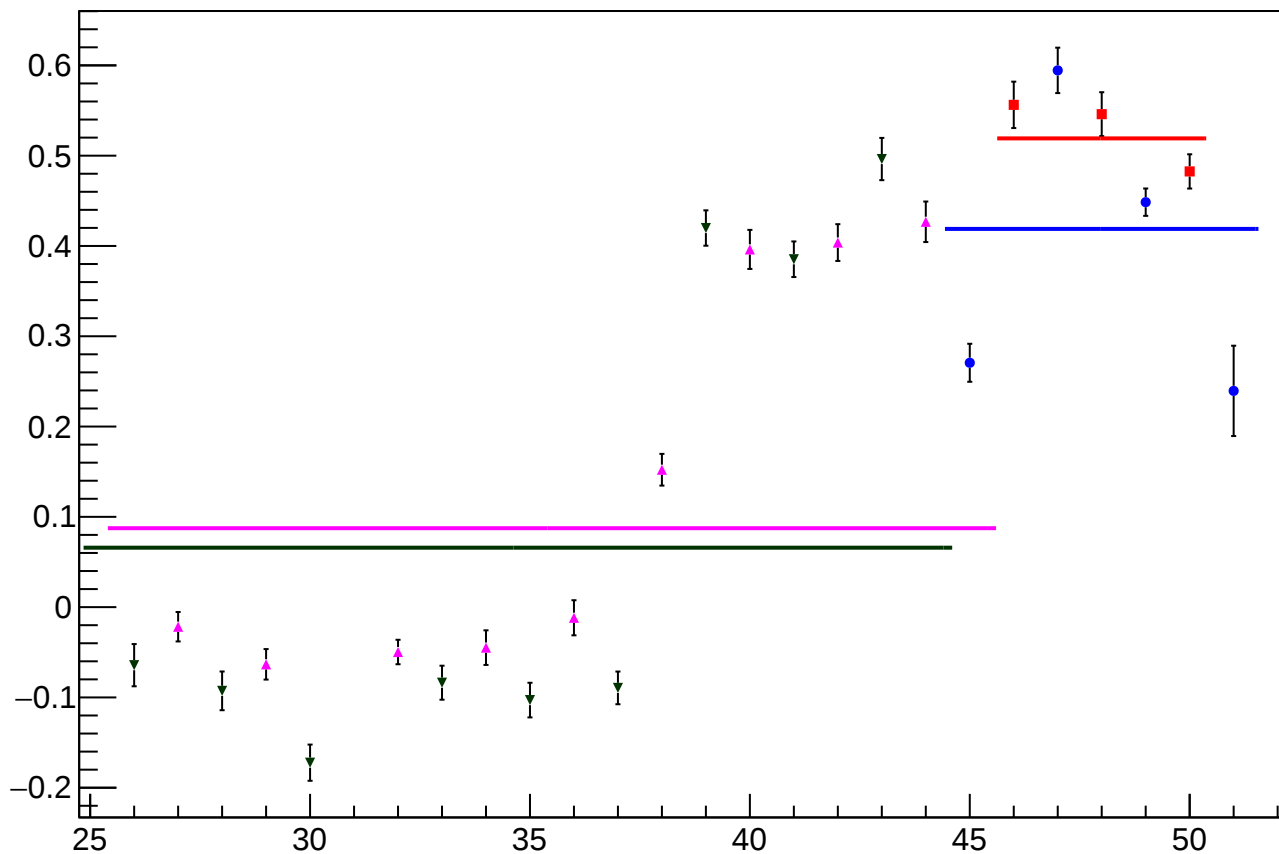
Right Out: 0.052 ± 0.017 χ^2/NDF : 0.9/2

Left In: -0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.037 ± 0.008 χ^2/NDF : 118.6/12

-0.015 ± 0.007 χ^2/NDF : 65.2/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.419 $\pm$ 0.011 χ^2 /NDF: 115.1/3

Left Out: 0.066 $\pm$ 0.007 χ^2 /NDF:1368.1/8

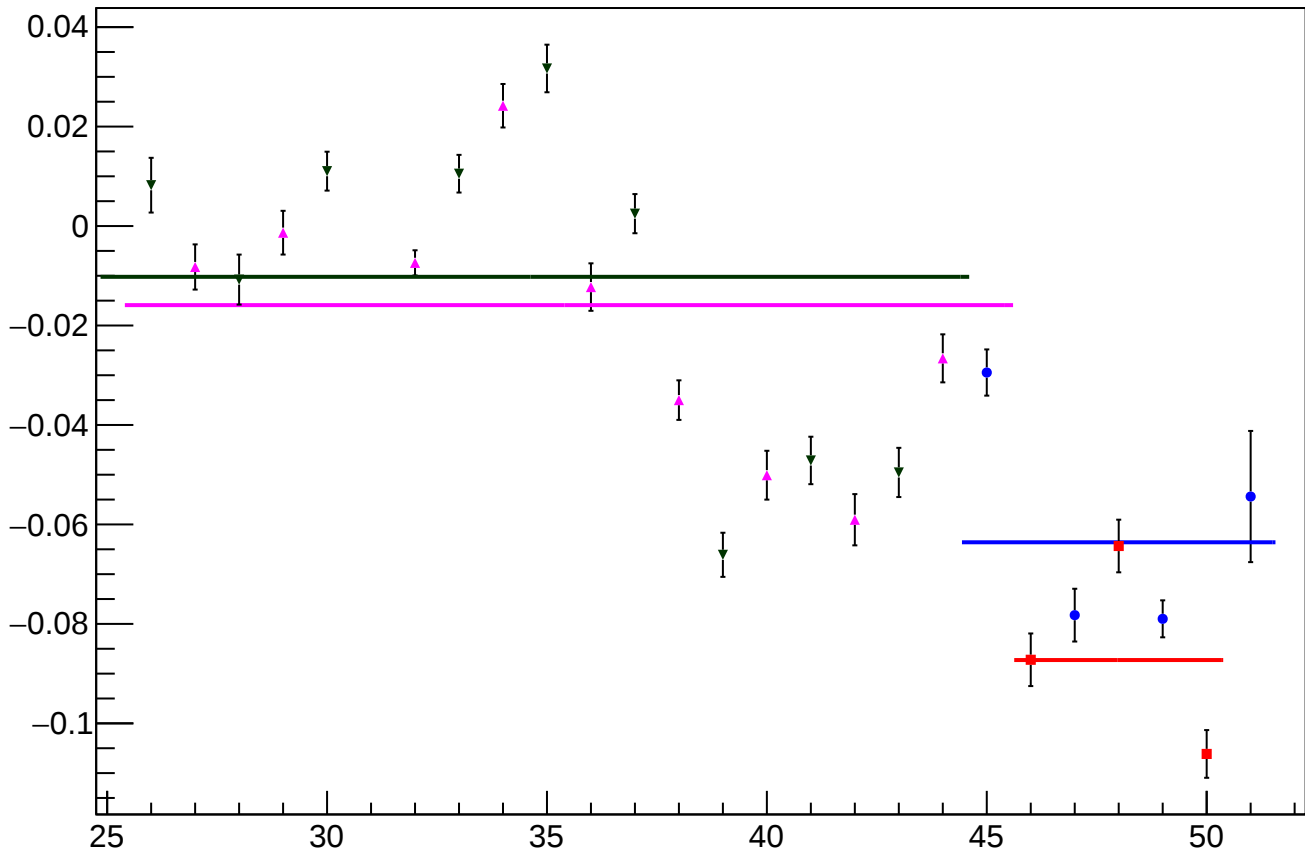
Right Out: 0.519 $\pm$ 0.013 χ^2 /NDF: 7.0/2

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF:988.4/8

0.165 $\pm$ 0.006 χ^2 /NDF: 2254.4/12

0.164 $\pm$ 0.005 χ^2 /NDF: 1913.2/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.064 $\pm$ 0.003 χ^2/NDF : 79.2/3

Left Out: -0.010 $\pm$ 0.001 χ^2/NDF : 439.6/8

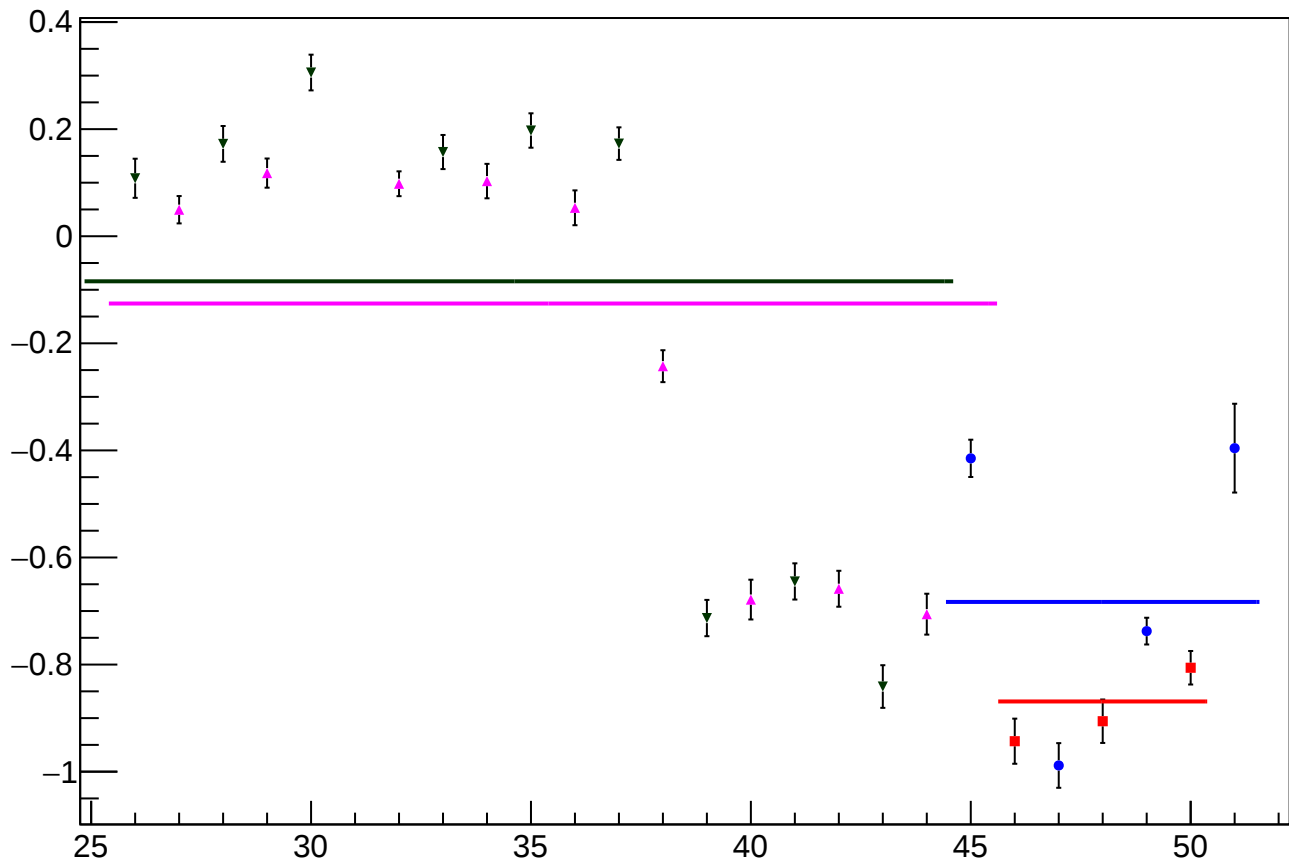
Right Out: -0.087 $\pm$ 0.003 χ^2/NDF : 34.3/2

Left In: -0.016 $\pm$ 0.001 χ^2/NDF : 256.4/8

-0.024 $\pm$ 0.001 χ^2/NDF : 855.4/12

-0.028 $\pm$ 0.001 χ^2/NDF : 772.9/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.683+/-0.018 χ^2/NDF : 129.7/3

Left Out: -0.084+/-0.011 χ^2/NDF :1409.4/8

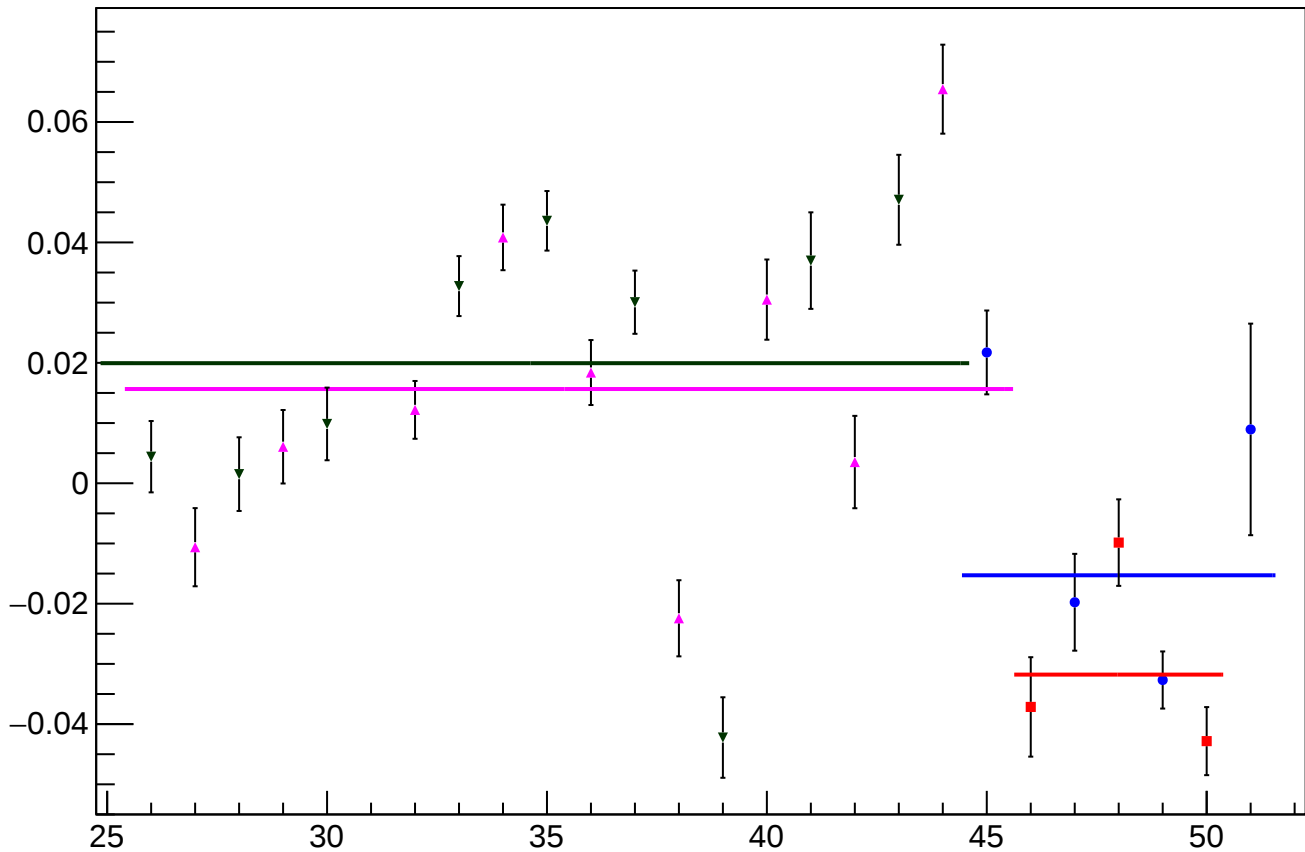
Right Out: -0.869+/-0.021 χ^2/NDF : 8.0/2

Left In: -0.126+/-0.010 χ^2/NDF :1020.3/8

-0.254+/-0.009 χ^2/NDF : 2348.0/12

-0.258+/-0.009 χ^2/NDF : 2022.5/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.015 $\pm$ 0.003 χ^2 /NDF: 43.9/3

Left Out: 0.020 $\pm$ 0.002 χ^2 /NDF:156.1/8

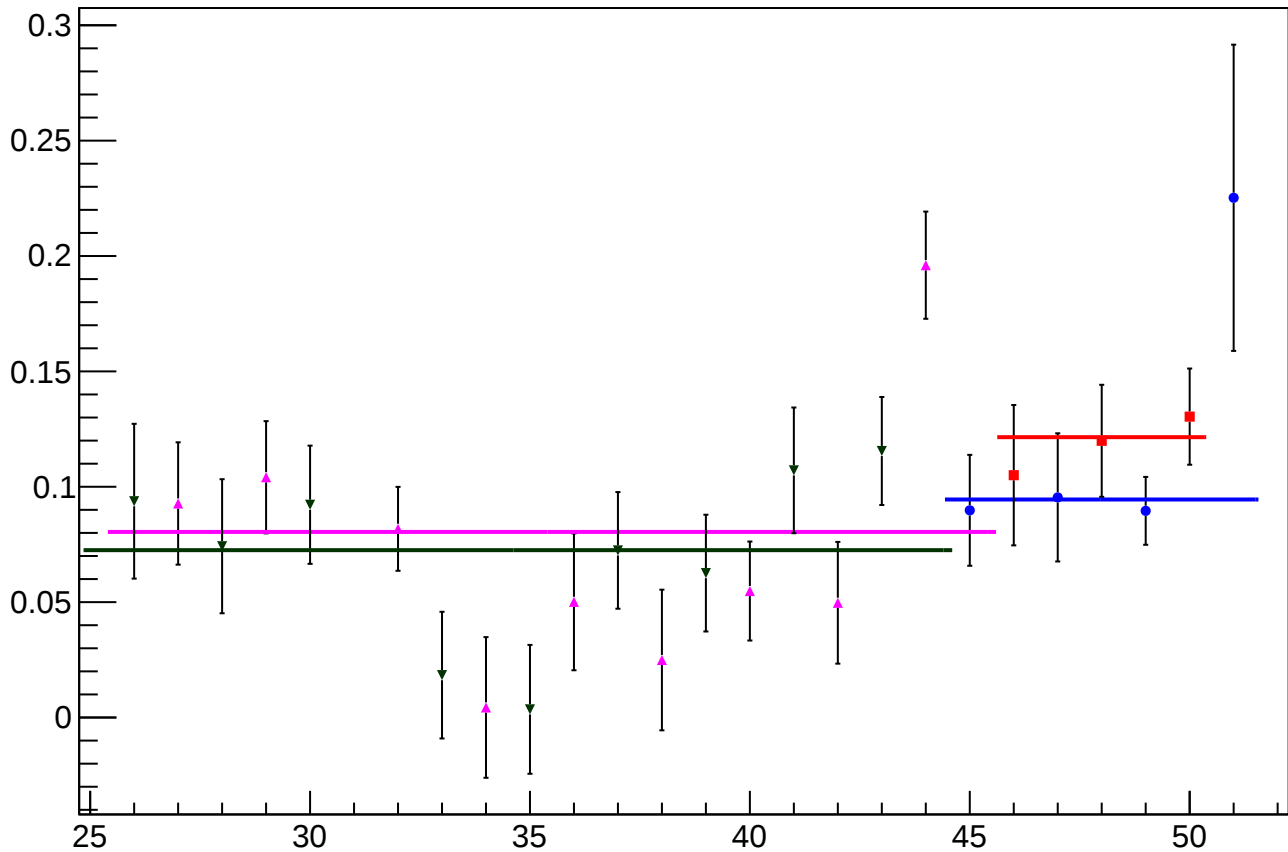
Right Out: -0.032 $\pm$ 0.004 χ^2 /NDF: 13.6/2

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF:130.2/8

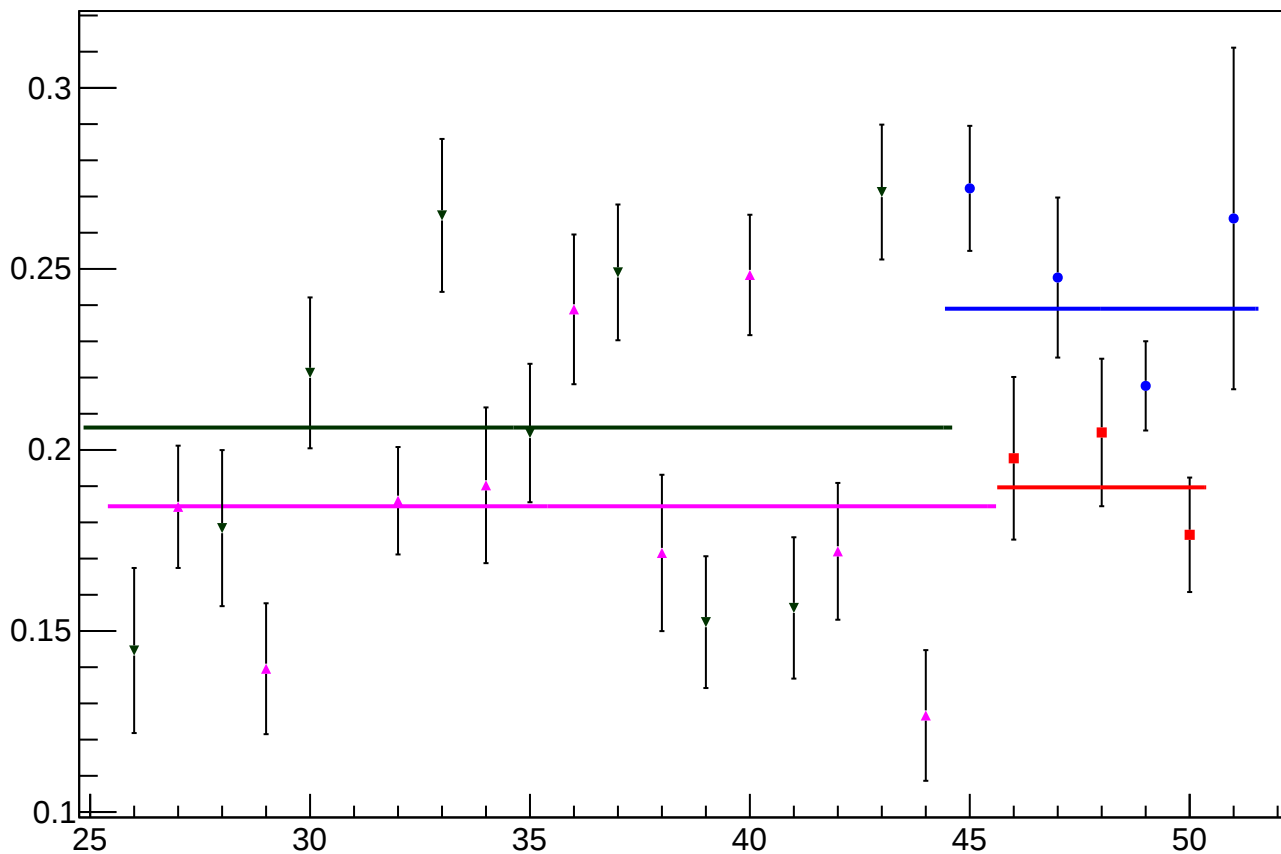
0.011 $\pm$ 0.002 χ^2 /NDF: 278.3/12

0.006 $\pm$ 0.002 χ^2 /NDF: 259.8/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.239 $\pm$ 0.009 χ^2 /NDF: 7.1/3

Left Out: 0.206 $\pm$ 0.007 χ^2 /NDF: 49.8/8

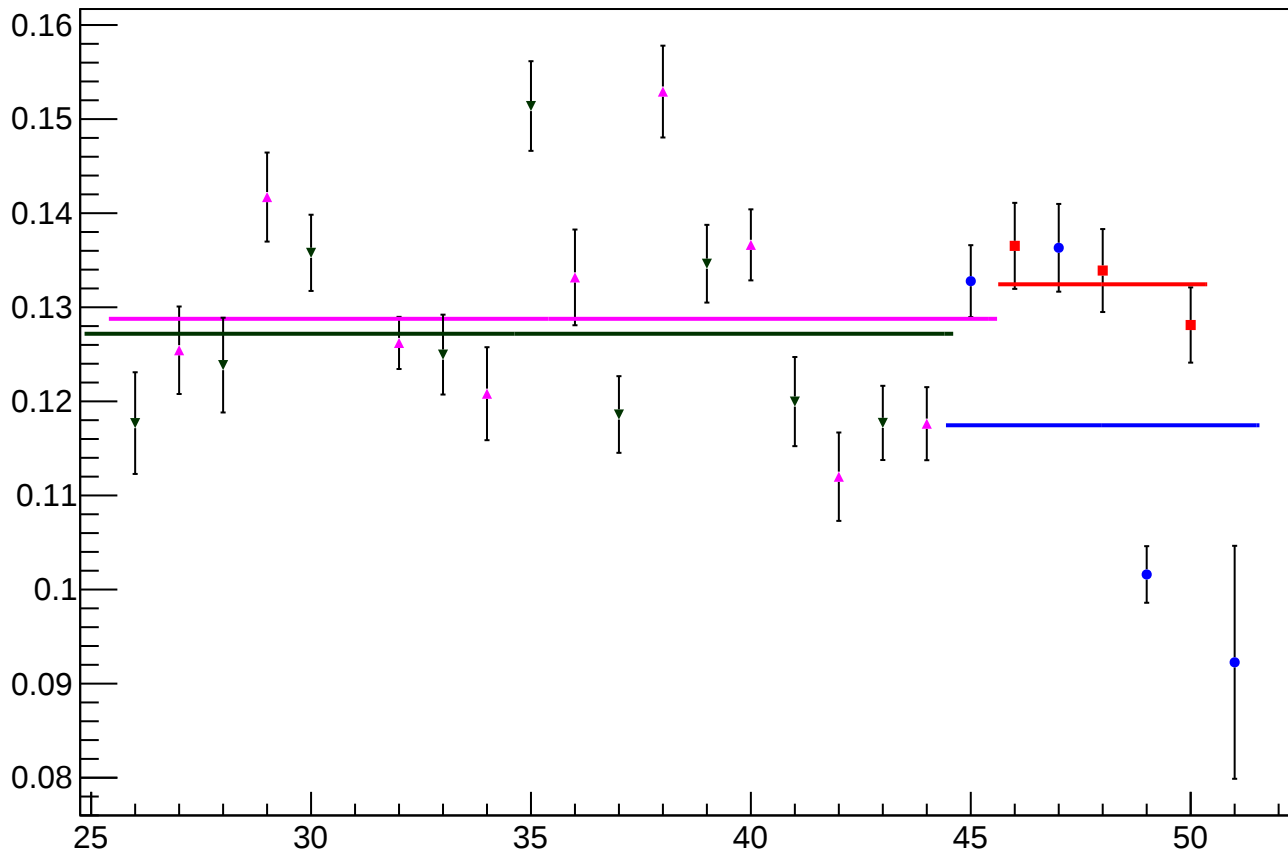
Right Out: 0.190 $\pm$ 0.011 χ^2 /NDF: 1.4/2

Left In: 0.184 $\pm$ 0.006 χ^2 /NDF: 39.0/8

0.218 $\pm$ 0.005 χ^2 /NDF: 65.6/12

0.186 $\pm$ 0.005 χ^2 /NDF: 40.5/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.117 $\pm$ 0.002 χ^2/NDF : 64.4/3

Left Out: 0.127 $\pm$ 0.001 χ^2/NDF : 49.9/8

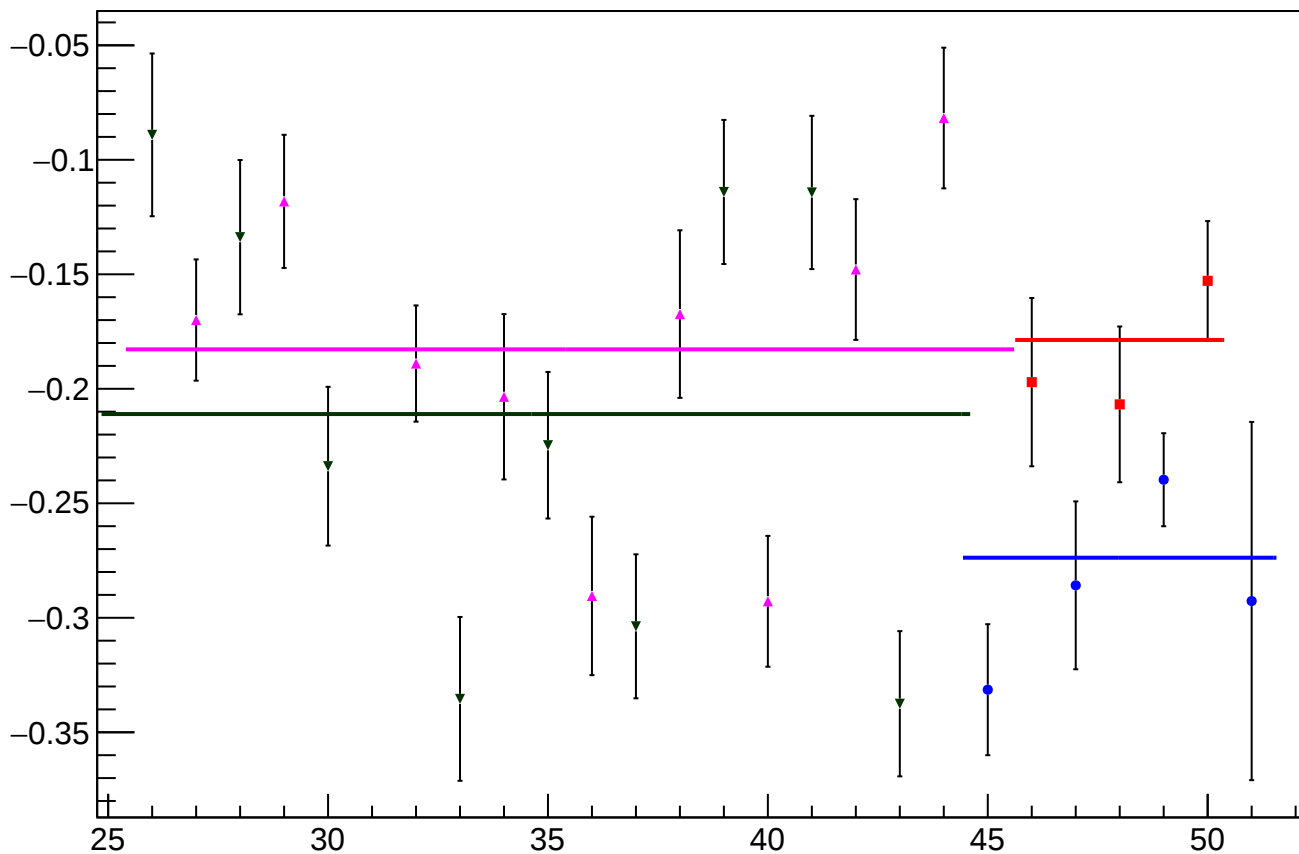
Right Out: 0.132 $\pm$ 0.002 χ^2/NDF : 2.1/2

Left In: 0.129 $\pm$ 0.001 χ^2/NDF : 62.0/8

0.124 $\pm$ 0.001 χ^2/NDF : 128.9/12

0.130 $\pm$ 0.001 χ^2/NDF : 65.8/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.274 $\pm$ 0.015 χ^2 /NDF: 7.0/3

Left Out: -0.211 $\pm$ 0.011 χ^2 /NDF: 72.2/8

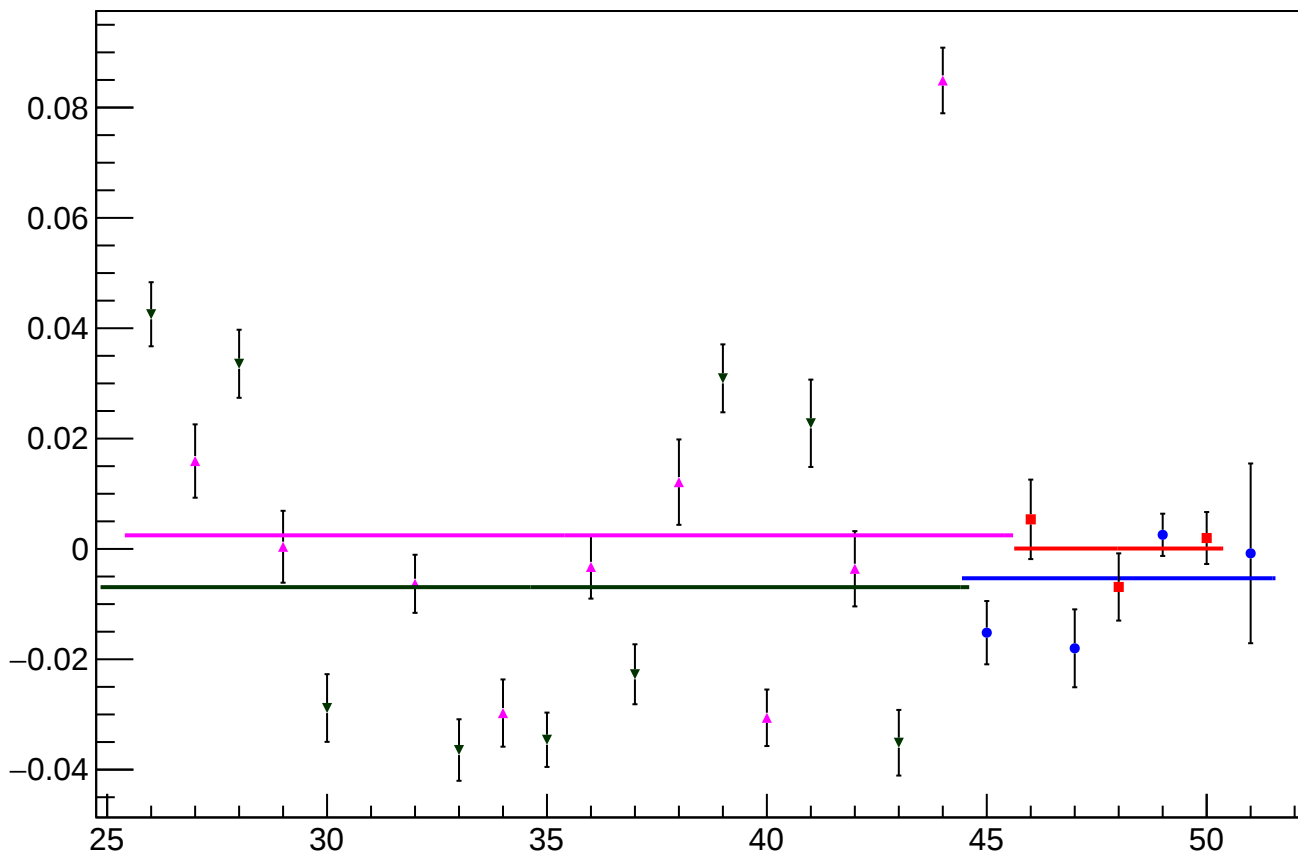
Right Out: -0.179 $\pm$ 0.018 χ^2 /NDF: 1.9/2

Left In: -0.183 $\pm$ 0.010 χ^2 /NDF: 42.4/8

-0.233 $\pm$ 0.009 χ^2 /NDF: 90.7/12

-0.182 $\pm$ 0.009 χ^2 /NDF: 44.3/11

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005+/-0.003 χ^2/NDF : 10.5/3

Left Out: -0.007+/-0.002 χ^2/NDF :270.8/8

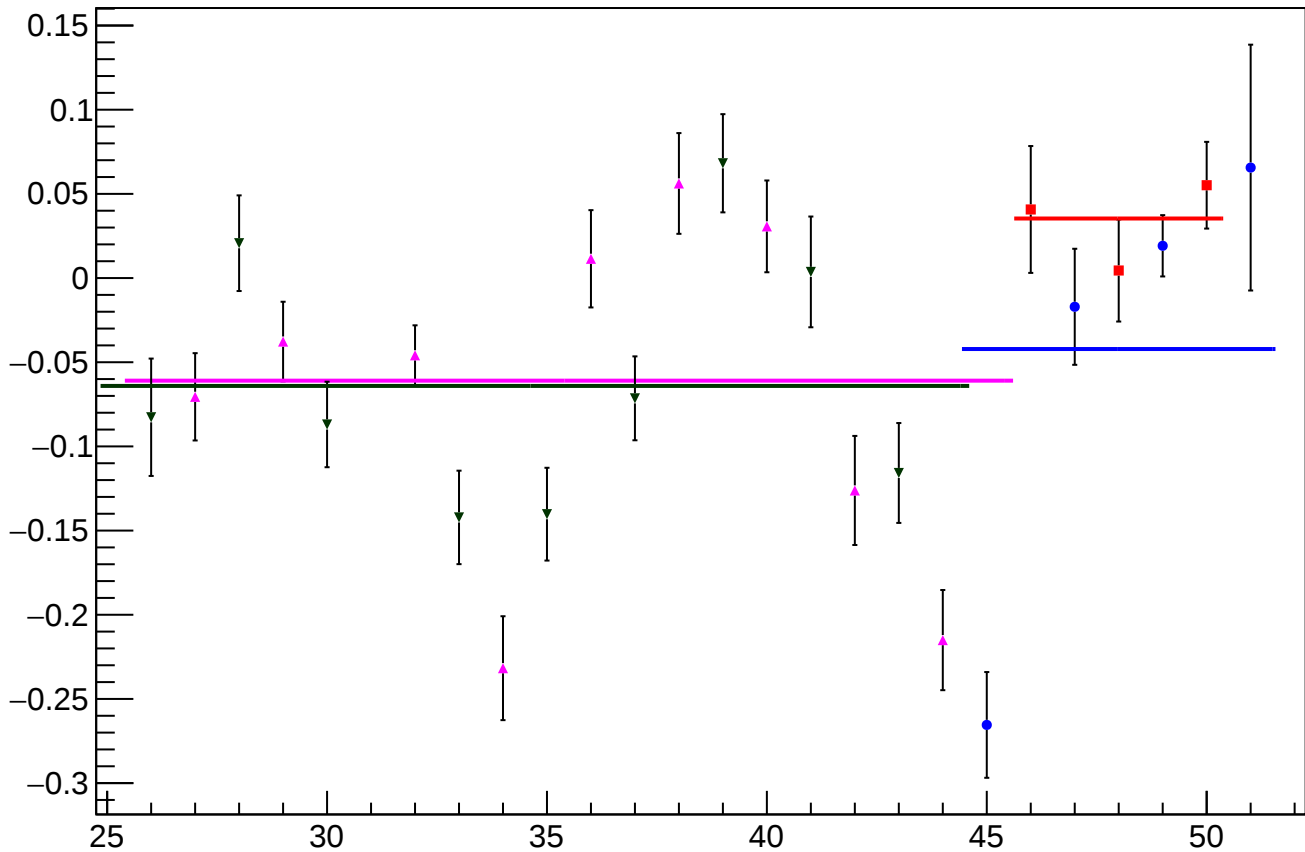
Right Out: 0.000+/-0.003 χ^2/NDF : 2.0/2

Left In: 0.002+/-0.002 χ^2/NDF :272.2/8

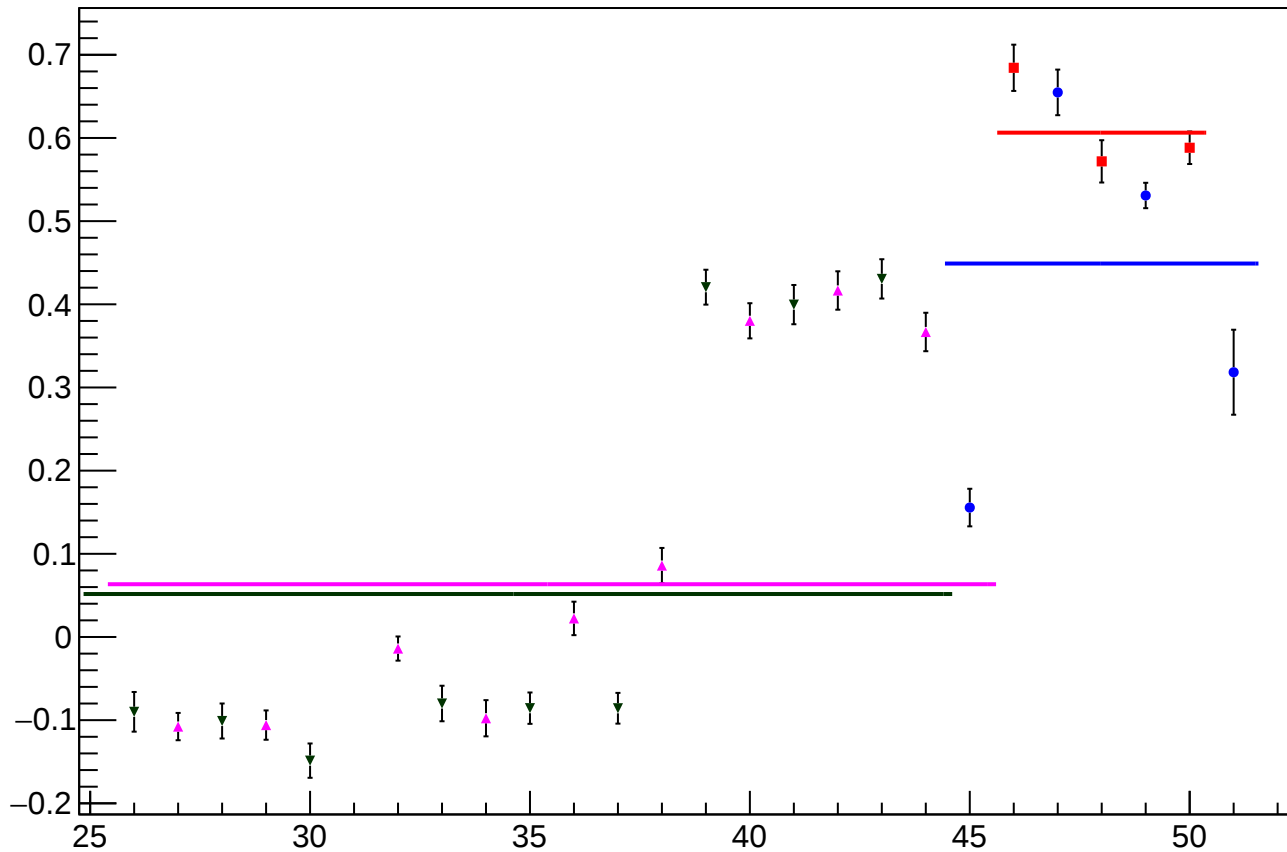
-0.006+/-0.002 χ^2/NDF : 281.5/12

0.002+/-0.002 χ^2/NDF : 274.6/11

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.449 $\pm$ 0.011 χ^2 /NDF: 260.3/3

Left Out: 0.052 $\pm$ 0.007 χ^2 /NDF:1112.2/8

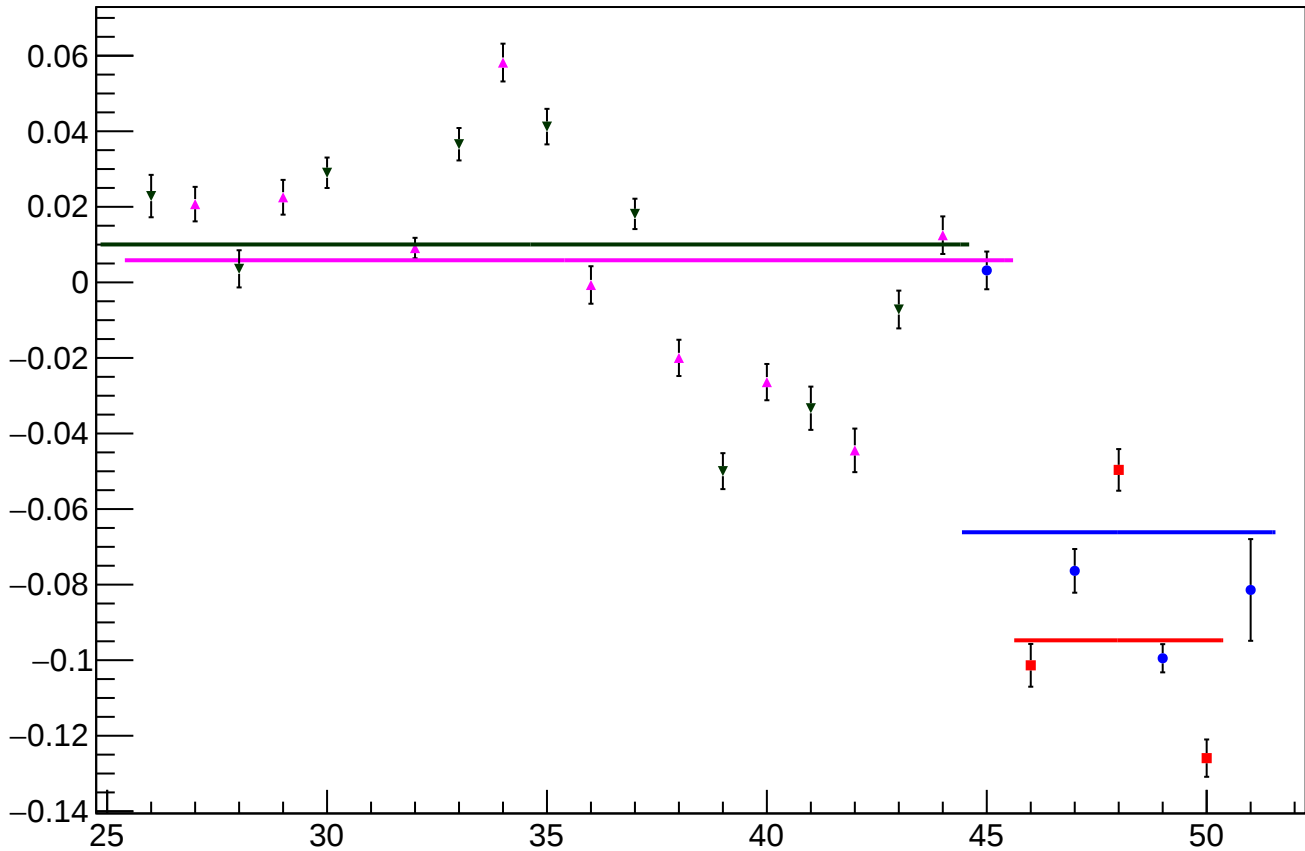
Right Out: 0.606 $\pm$ 0.014 χ^2 /NDF: 10.6/2

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:919.9/8

0.164 $\pm$ 0.006 χ^2 /NDF: 2273.9/12

0.162 $\pm$ 0.006 χ^2 /NDF: 2245.1/11

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.066 ± 0.003 χ^2/NDF : 277.1/3

Left Out: 0.010 ± 0.002 χ^2/NDF : 343.5/8

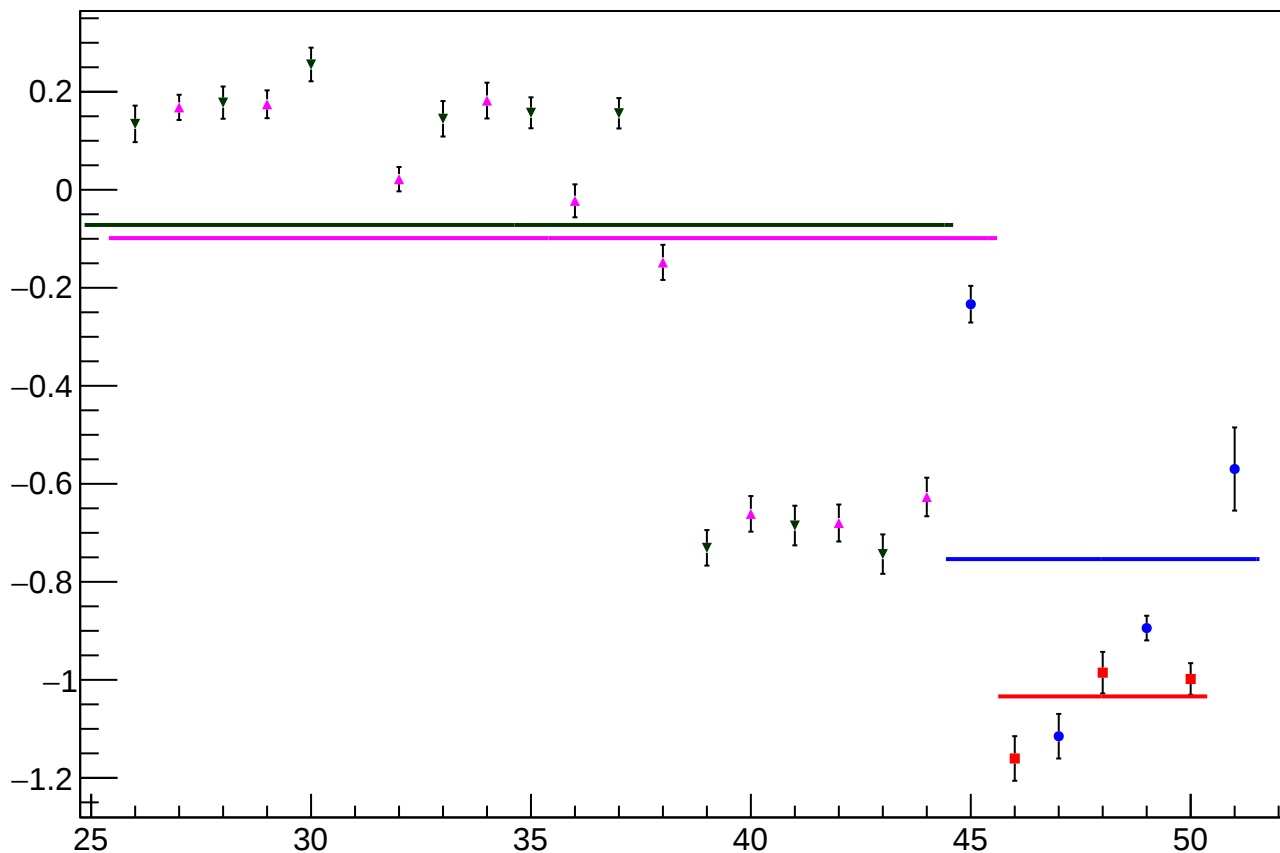
Right Out: -0.095 ± 0.003 χ^2/NDF : 108.2/2

Left In: 0.006 ± 0.001 χ^2/NDF : 288.4/8

-0.010 ± 0.001 χ^2/NDF : 1249.9/12

-0.013 ± 0.001 χ^2/NDF : 1265.4/11

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.754+/-0.019 χ^2/NDF : 292.5/3

Left Out: -0.072+/-0.012 χ^2/NDF : 1160.0/8

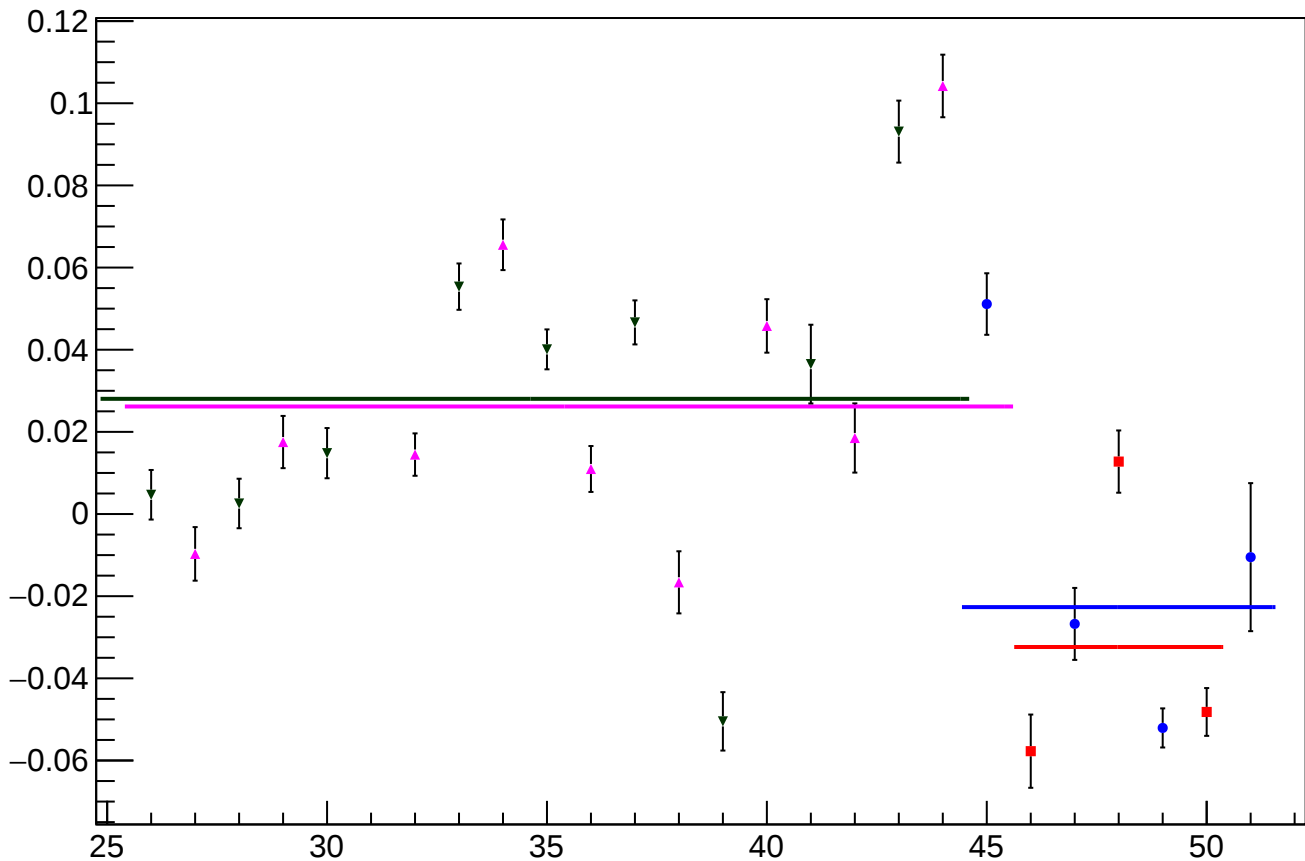
Right Out: -1.034+/-0.022 χ^2/NDF : 10.3/2

Left In: -0.099+/-0.011 χ^2/NDF : 947.3/8

-0.267+/-0.010 χ^2/NDF : 2421.4/12

-0.270+/-0.010 χ^2/NDF : 2384.4/11

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.023 ± 0.004 χ^2/NDF : 135.9/3

Left Out: 0.028 ± 0.002 χ^2/NDF : 276.2/8

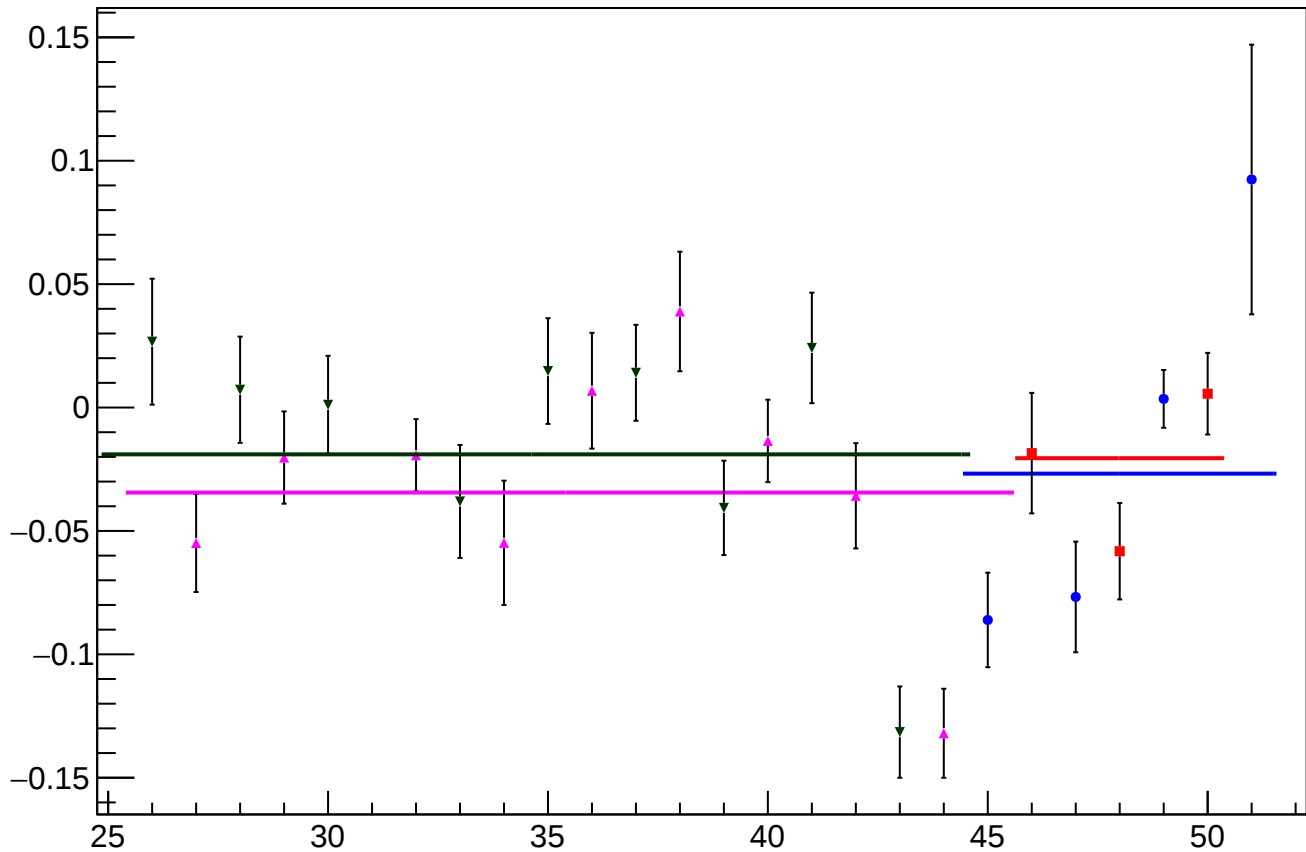
Right Out: -0.032 ± 0.004 χ^2/NDF : 51.0/2

Left In: 0.026 ± 0.002 χ^2/NDF : 232.3/8

0.016 ± 0.002 χ^2/NDF : 563.4/12

0.014 ± 0.002 χ^2/NDF : 443.3/11

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.027 ± 0.009 $\chi^2/\text{NDF}: 26.0/3$

Left Out: -0.019 ± 0.007 $\chi^2/\text{NDF}: 53.8/8$

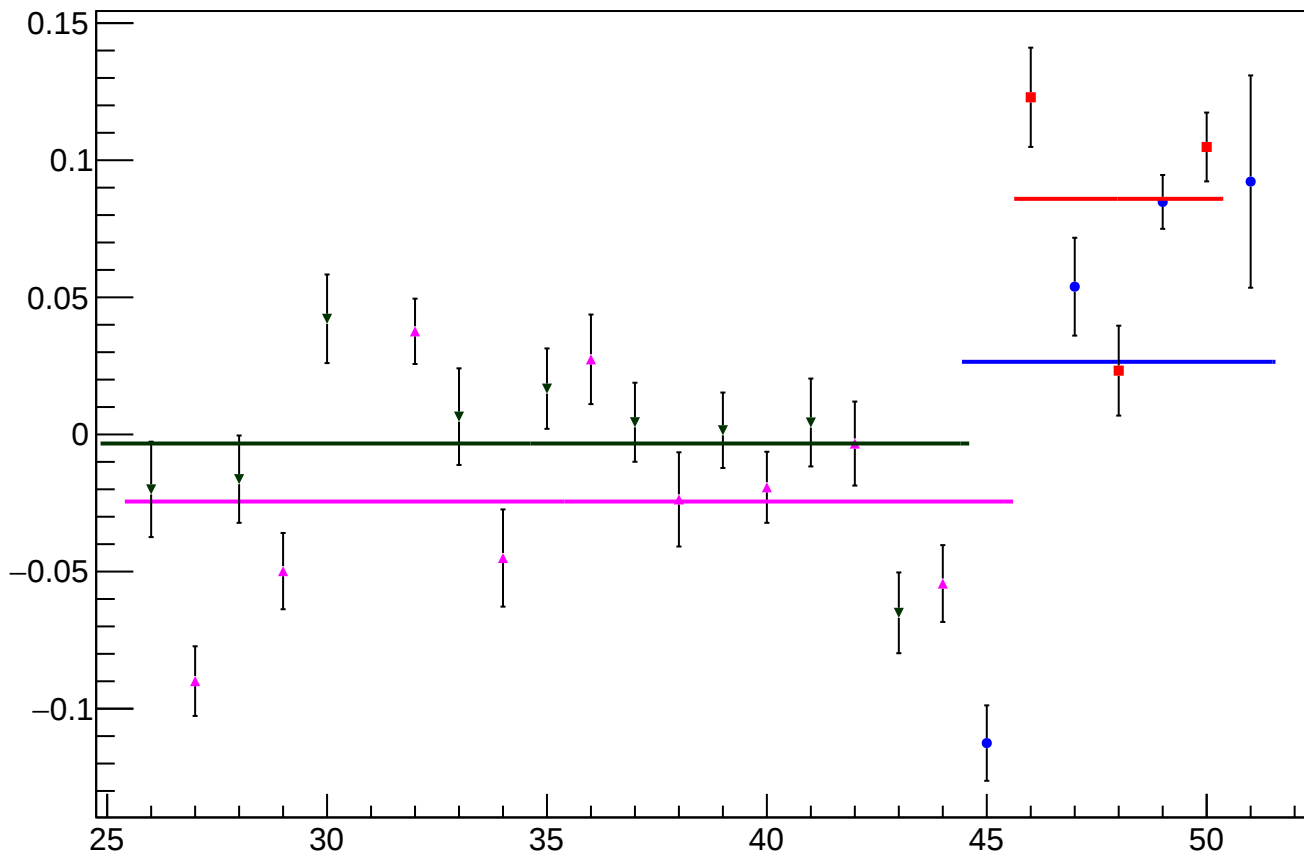
Right Out: -0.021 ± 0.011 $\chi^2/\text{NDF}: 6.2/2$

Left In: -0.034 ± 0.006 $\chi^2/\text{NDF}: 46.4/8$

-0.022 ± 0.006 $\chi^2/\text{NDF}: 80.3/12$

-0.031 ± 0.006 $\chi^2/\text{NDF}: 53.8/11$

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.026 ± 0.007 $\chi^2/\text{NDF}: 142.7/3$

Left Out: -0.003 ± 0.005 $\chi^2/\text{NDF}: 29.9/8$

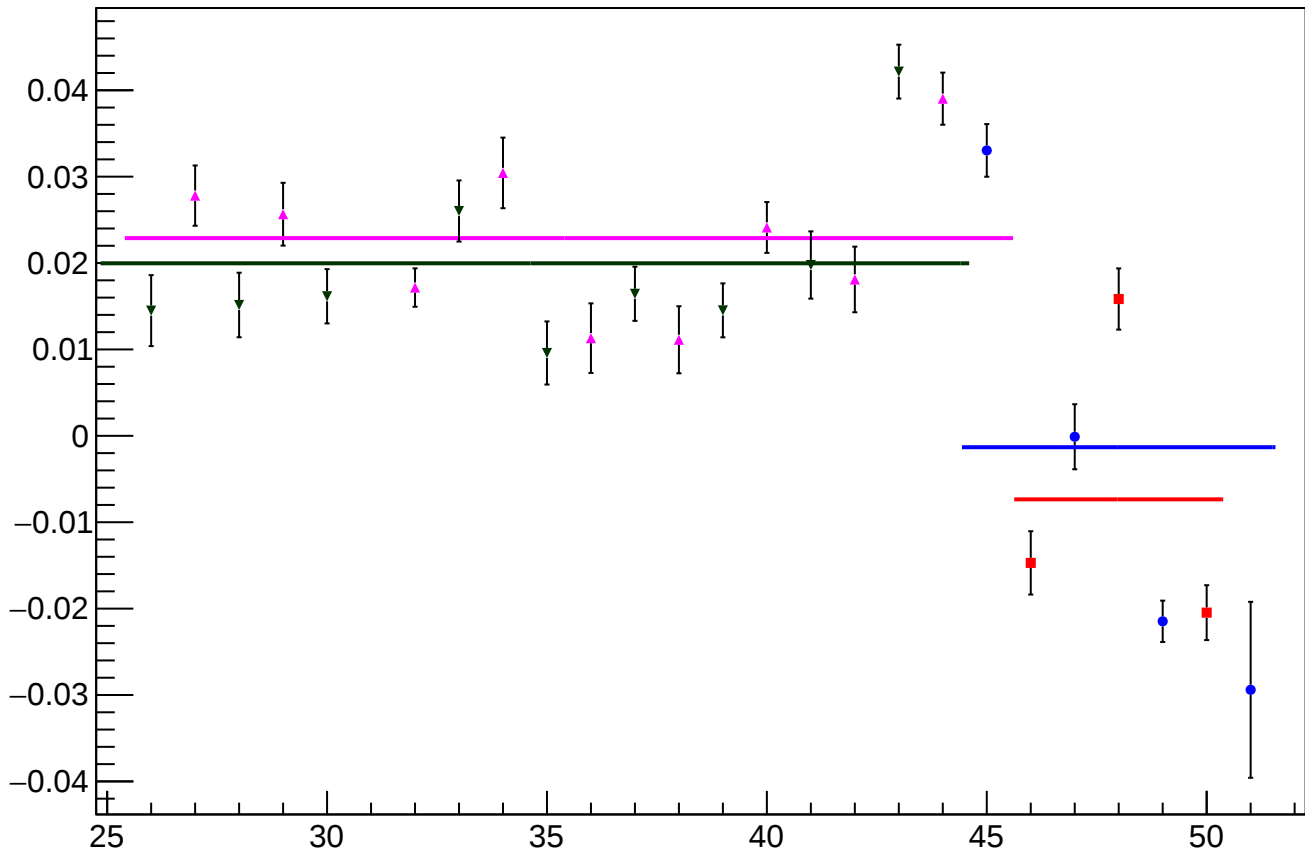
Right Out: 0.086 ± 0.009 $\chi^2/\text{NDF}: 21.1/2$

Left In: -0.024 ± 0.005 $\chi^2/\text{NDF}: 75.1/8$

0.007 ± 0.004 $\chi^2/\text{NDF}: 184.0/12$

0.001 ± 0.004 $\chi^2/\text{NDF}: 219.4/11$

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001 ± 0.002 χ^2/NDF : 205.8/3

Left Out: 0.020 ± 0.001 χ^2/NDF : 70.9/8

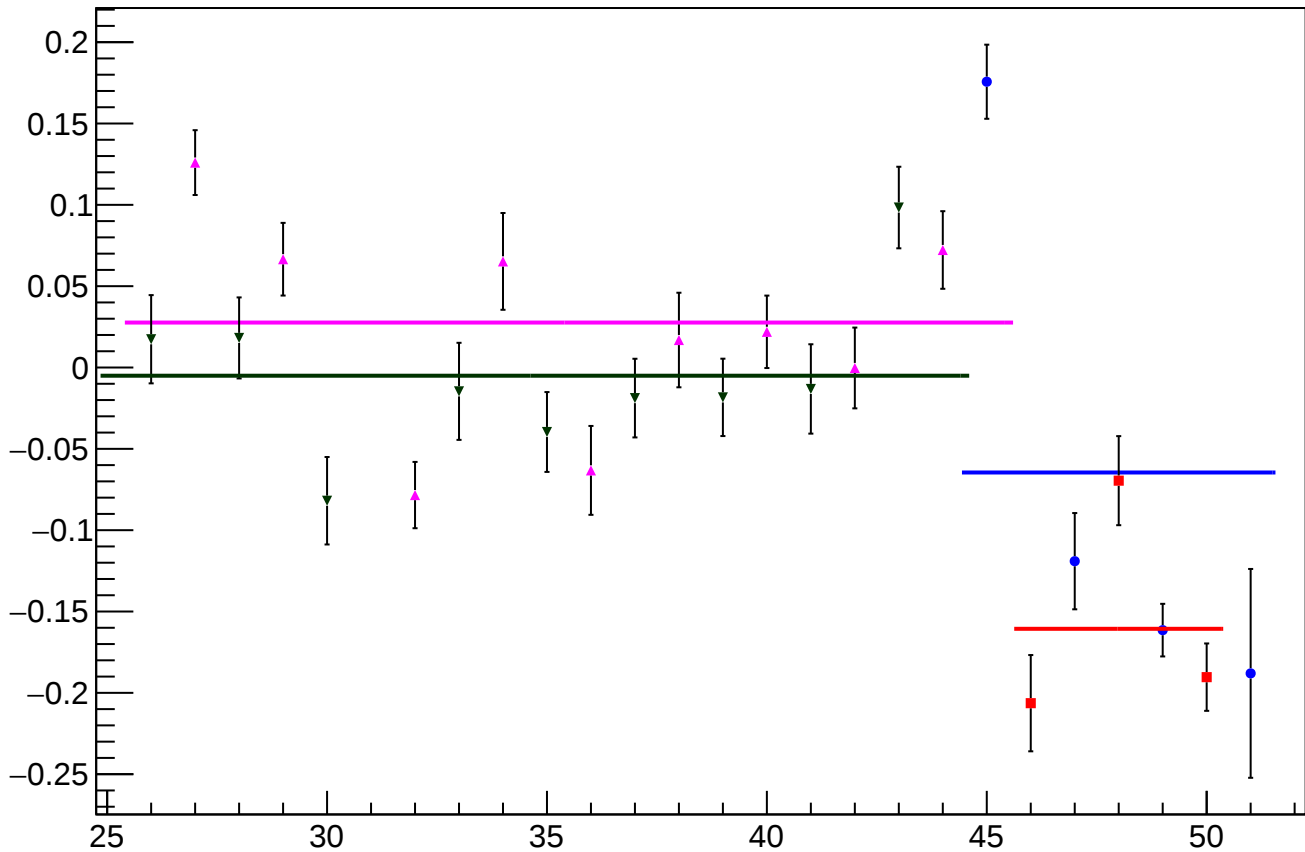
Right Out: -0.007 ± 0.002 χ^2/NDF : 63.9/2

Left In: 0.023 ± 0.001 χ^2/NDF : 60.5/8

0.013 ± 0.001 χ^2/NDF : 387.9/12

0.016 ± 0.001 χ^2/NDF : 302.5/11

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.065 $\pm$ 0.012 χ^2 /NDF: 154.2/3

Left Out: -0.005 $\pm$ 0.009 χ^2 /NDF: 29.5/8

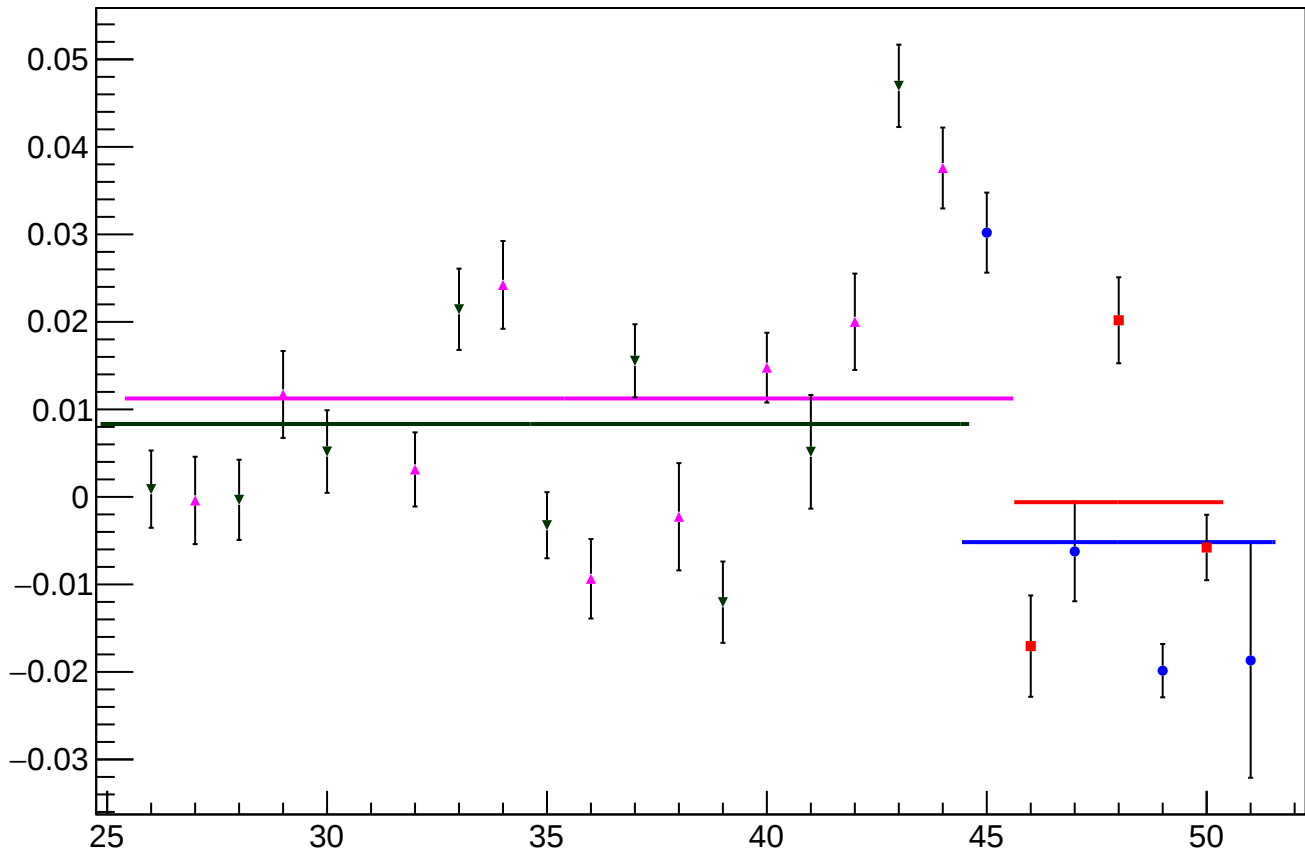
Right Out: -0.161 $\pm$ 0.014 χ^2 /NDF: 15.5/2

Left In: 0.028 $\pm$ 0.008 χ^2 /NDF: 72.1/8

-0.026 $\pm$ 0.007 χ^2 /NDF: 200.3/12

-0.016 $\pm$ 0.007 χ^2 /NDF: 218.6/11

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005 ± 0.002 $\chi^2/\text{NDF}: 84.1/3$

Left Out: 0.008 ± 0.002 $\chi^2/\text{NDF}: 114.0/8$

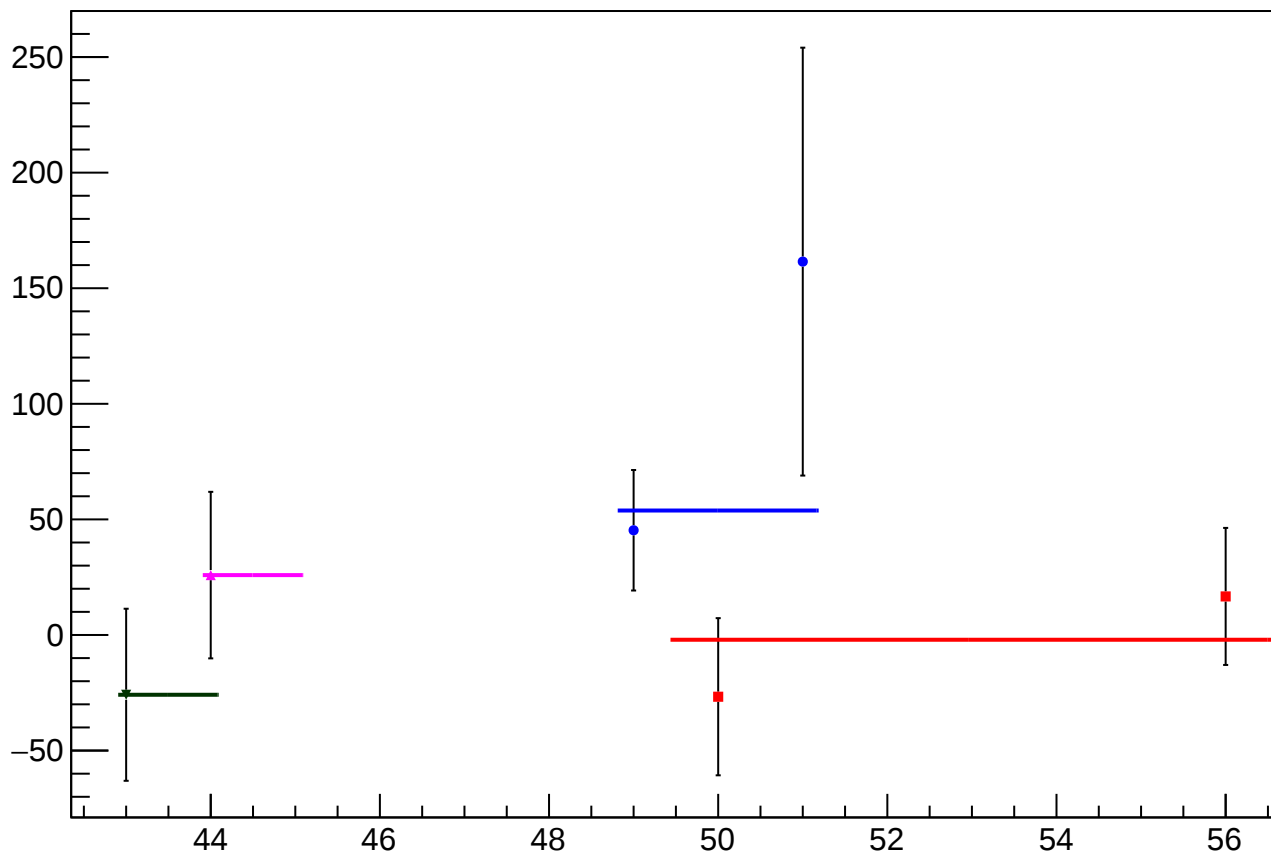
Right Out: -0.001 ± 0.003 $\chi^2/\text{NDF}: 27.9/2$

Left In: 0.011 ± 0.002 $\chi^2/\text{NDF}: 77.1/8$

0.004 ± 0.001 $\chi^2/\text{NDF}: 222.3/12$

0.008 ± 0.001 $\chi^2/\text{NDF}: 119.7/11$

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 53.839 $\pm$ 25.089 χ^2 /NDF: 1.5/1

Left Out: -25.864 $\pm$ 37.215 χ^2 /NDF: 0.0/0

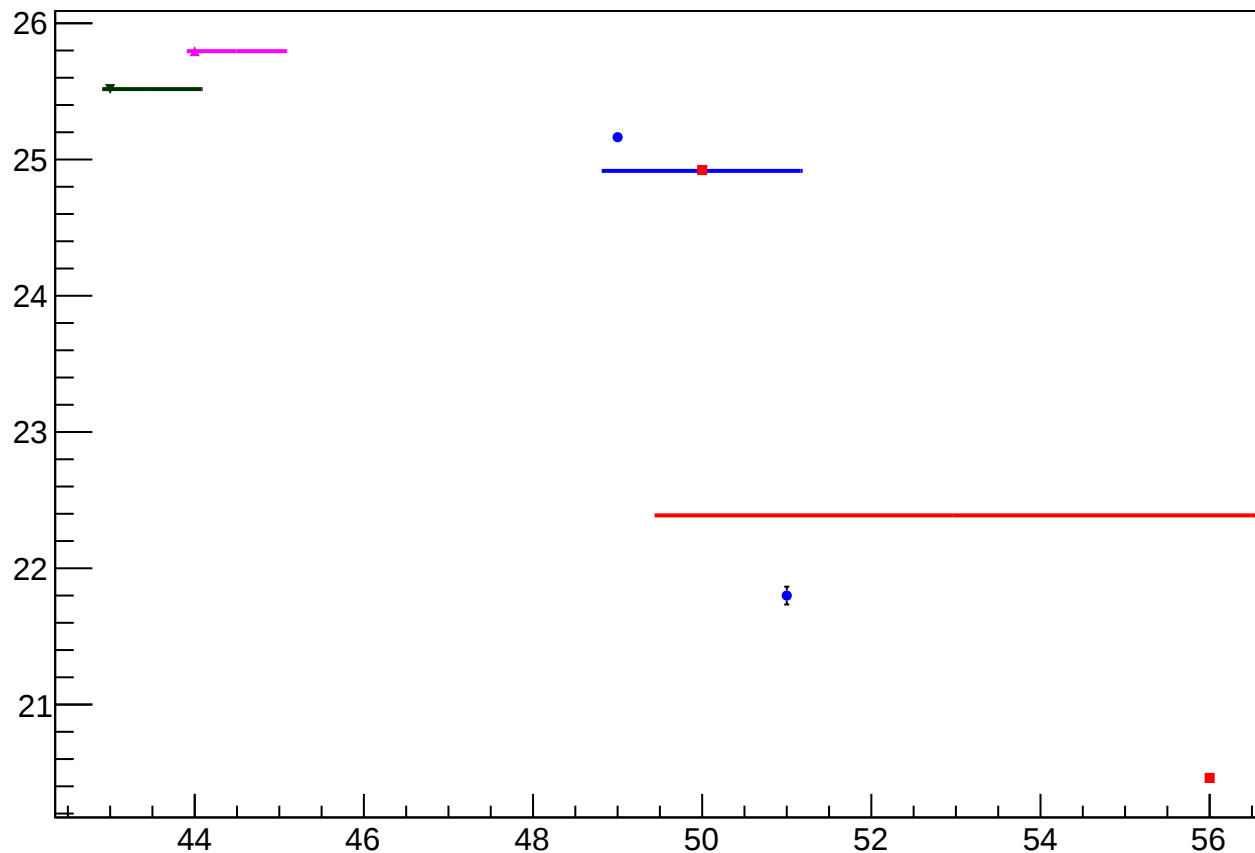
Right Out: -2.065 $\pm$ 22.341 χ^2 /NDF: 0.9/1

Left In: 25.900 $\pm$ 36.022 χ^2 /NDF: 0.0/0

28.934 $\pm$ 20.803 χ^2 /NDF: 4.6/2

5.703 $\pm$ 18.986 χ^2 /NDF: 1.4/2

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 24.917 $\pm$ 0.018 χ^2/NDF : 2448.3/1

Left Out: 25.517 $\pm$ 0.026 χ^2/NDF : 0.0/0

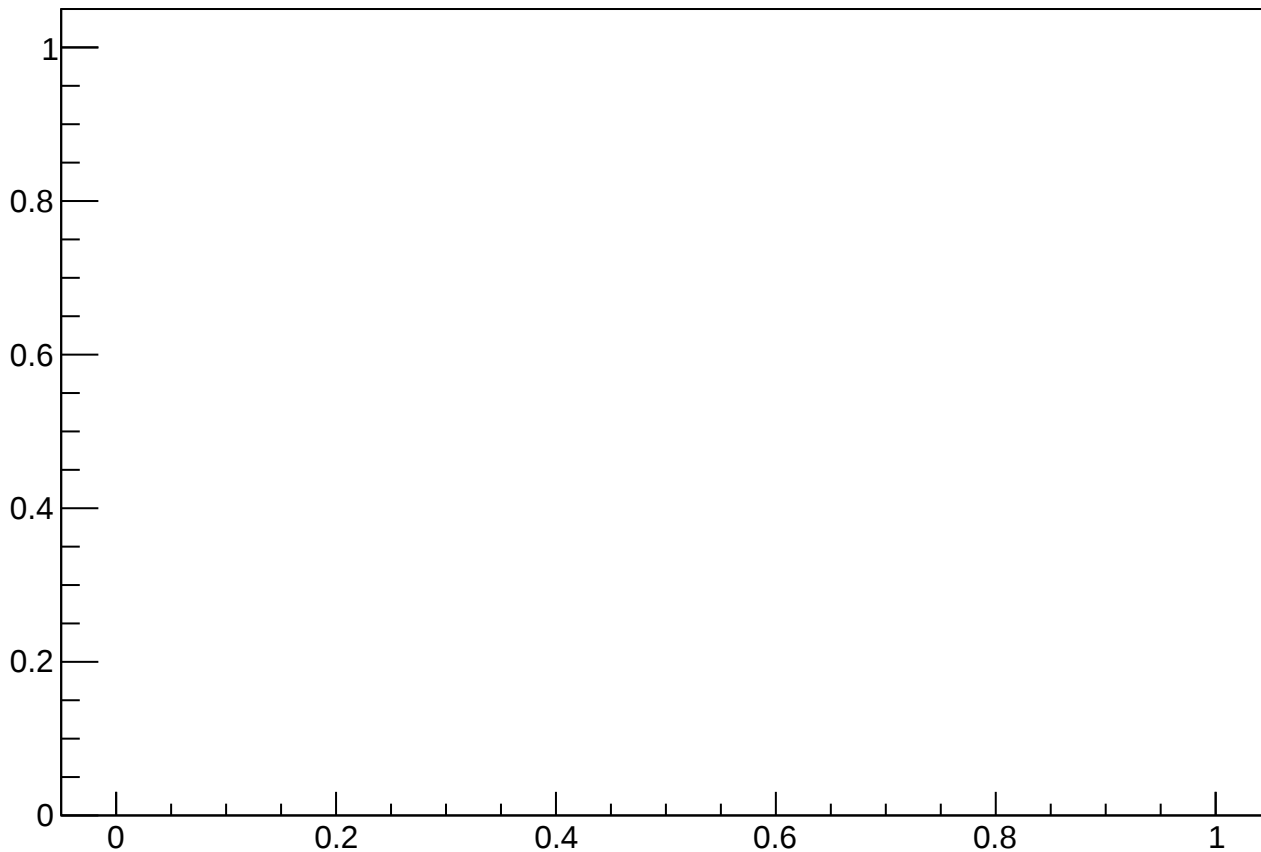
Right Out: 22.388 $\pm$ 0.016 χ^2/NDF : 19571.5/1

Left In: 25.795 $\pm$ 0.025 χ^2/NDF : 0.0/0

25.104 $\pm$ 0.015 χ^2/NDF : 2805.9/2

23.335 $\pm$ 0.013 χ^2/NDF : 32491.4/2

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

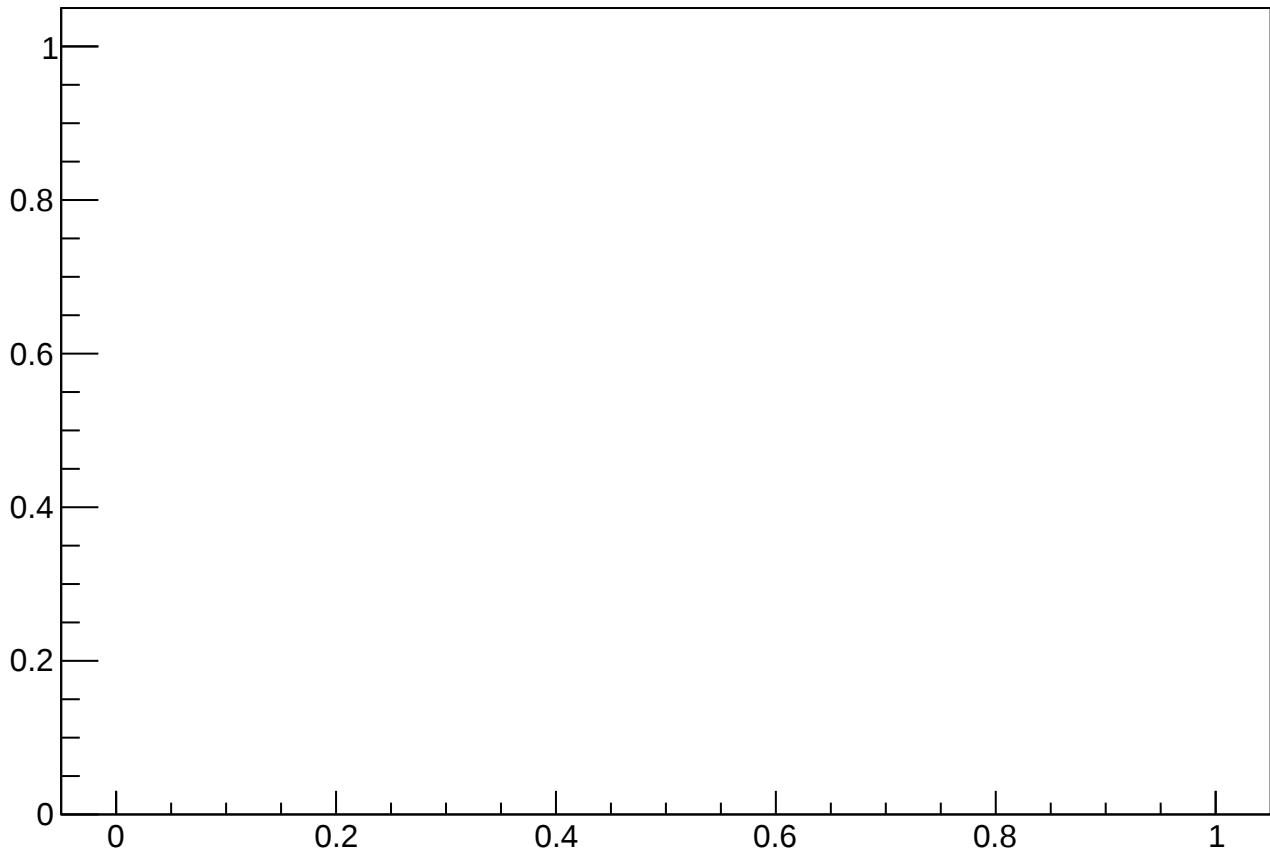
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

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

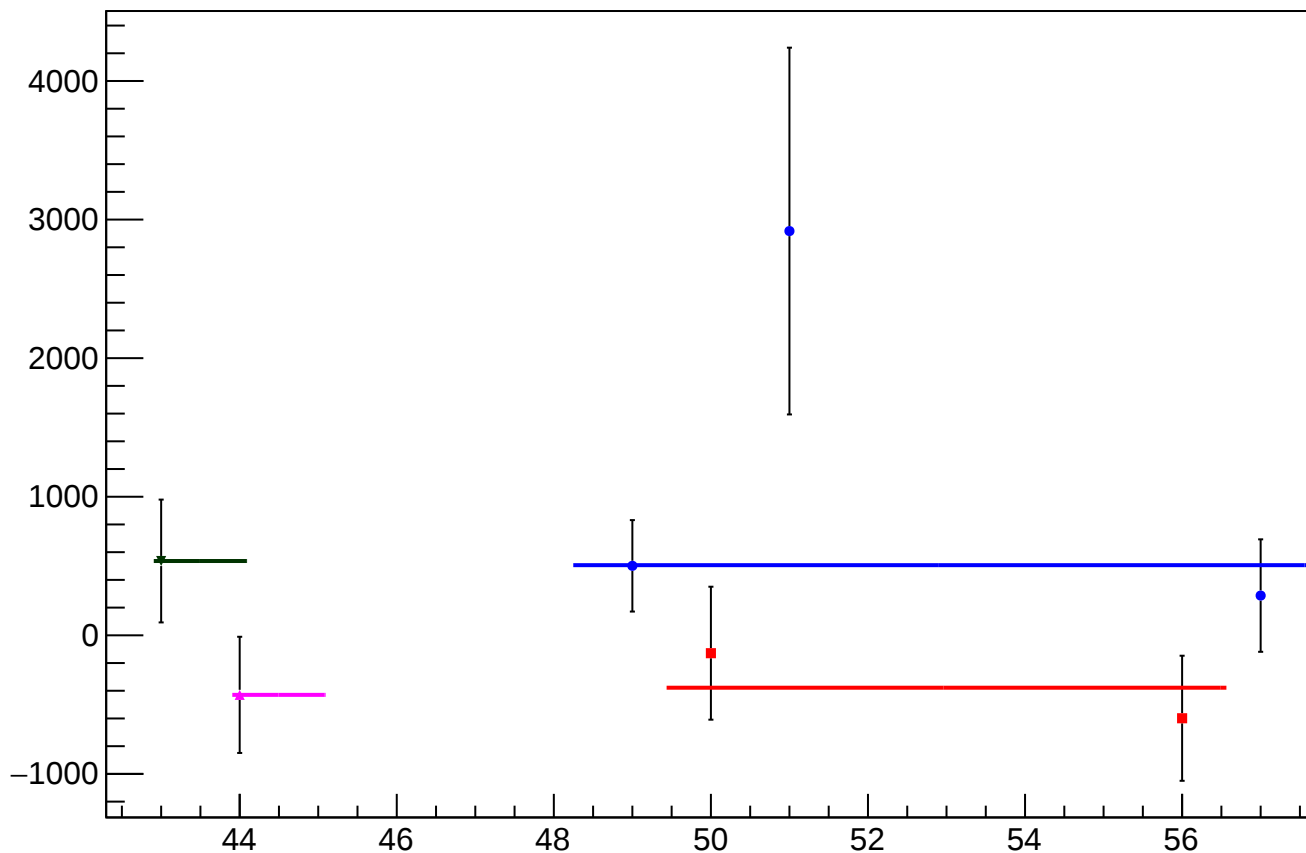
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 506.248+/-251.350 χ^2/NDF : 3.6/2

Left Out: 536.234+/-443.159 χ^2/NDF : 0.0/0

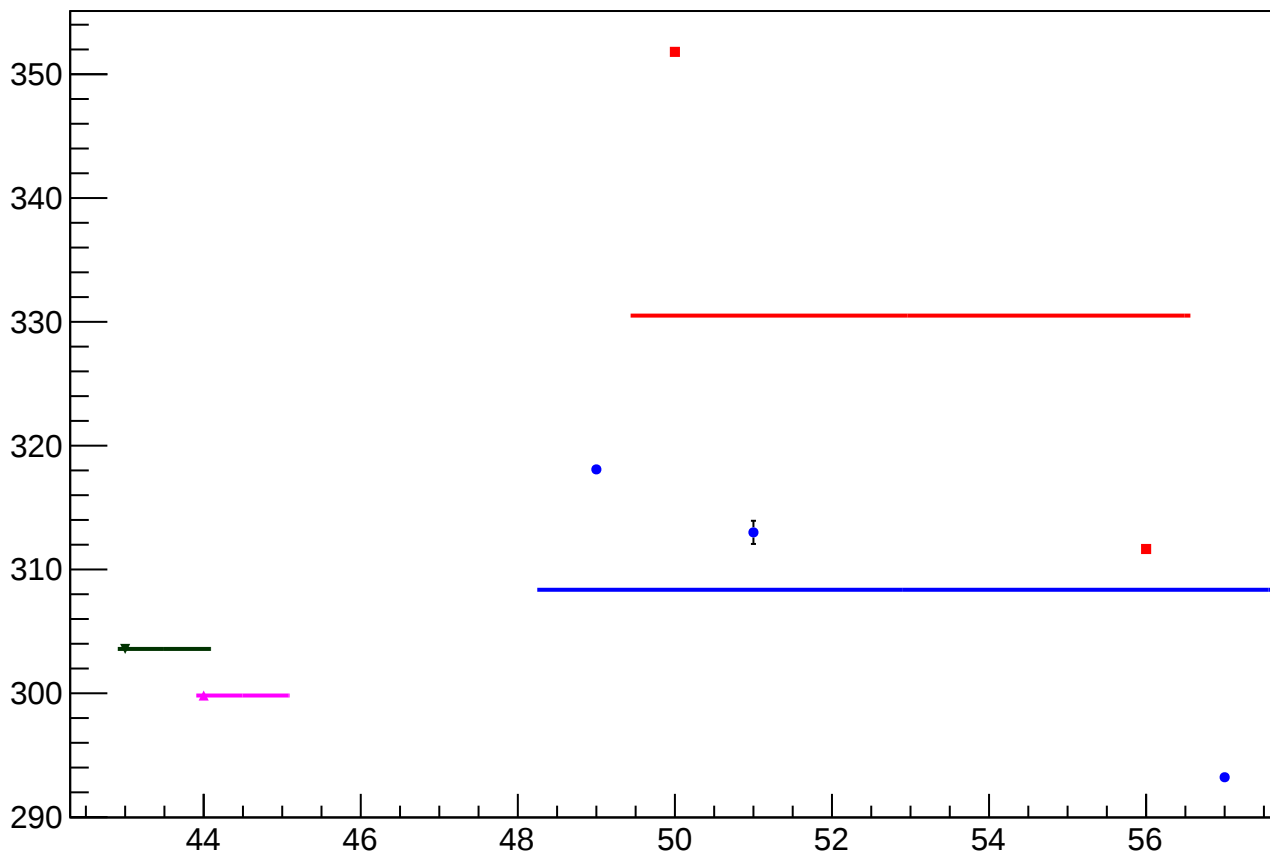
Right Out: -378.067+/-328.695 χ^2/NDF : 0.5/1

Left In: -429.667+/-419.215 χ^2/NDF : 0.0/0

513.546+/-218.632 χ^2/NDF : 3.6/3

-397.712+/-258.665 χ^2/NDF : 0.5/2

asym_us_agg_avg_rms vs slug



Right In: 308.360 $\pm$ 0.178 χ^2 /NDF: 4546.1/2

Left Out: 303.582 $\pm$ 0.313 χ^2 /NDF: 0.0/0

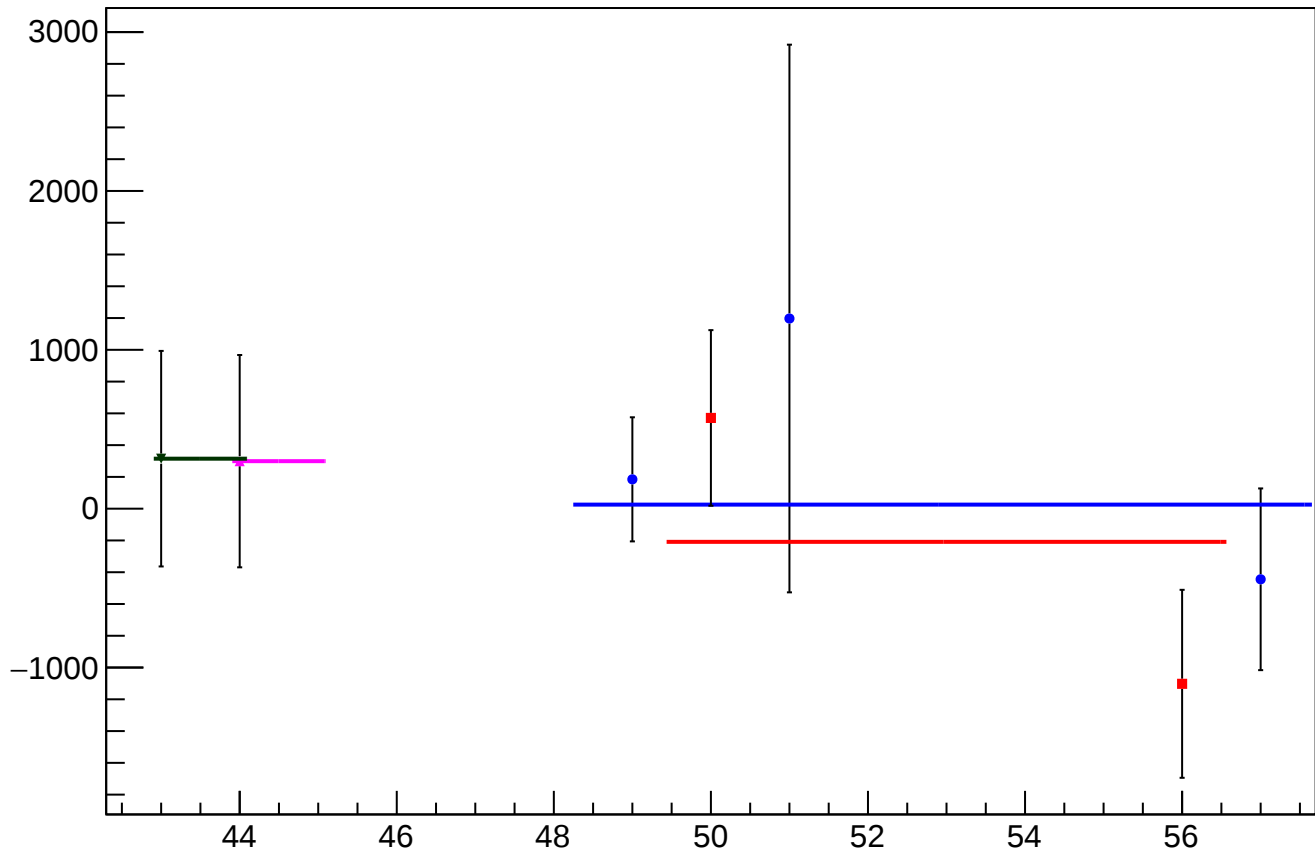
Right Out: 330.505 $\pm$ 0.232 χ^2 /NDF: 7433.4/1

Left In: 299.820 $\pm$ 0.296 χ^2 /NDF: 0.0/0

307.197 $\pm$ 0.155 χ^2 /NDF: 4722.0/3

318.823 $\pm$ 0.183 χ^2 /NDF: 14069.3/2

asym_us_agg_dd_mean vs slug



Right In: 25.563+/-317.051 χ^2/NDF : 1.3/2

Left Out: 314.697+/-678.402 χ^2/NDF : 0.0/0

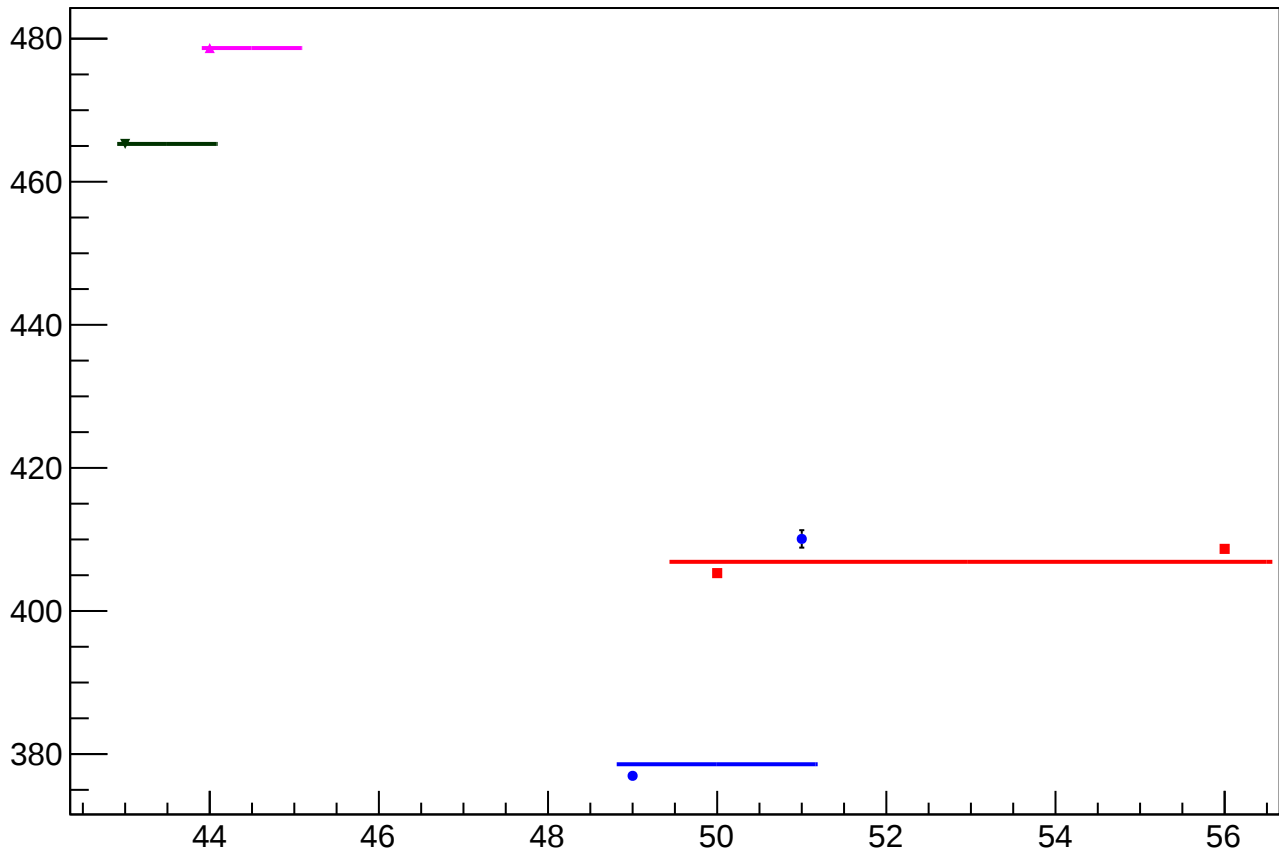
Right Out: -208.787+/-403.874 χ^2/NDF : 4.3/1

Left In: 299.068+/-668.301 χ^2/NDF : 0.0/0

77.394+/-287.231 χ^2/NDF : 1.5/3

-72.929+/-345.657 χ^2/NDF : 4.7/2

asym_us_agg_dd_rms vs slug



Right In: 378.578 ± 0.269 χ^2/NDF : 702.1/1

Left Out: 465.287 ± 0.480 χ^2/NDF : 0.0/0

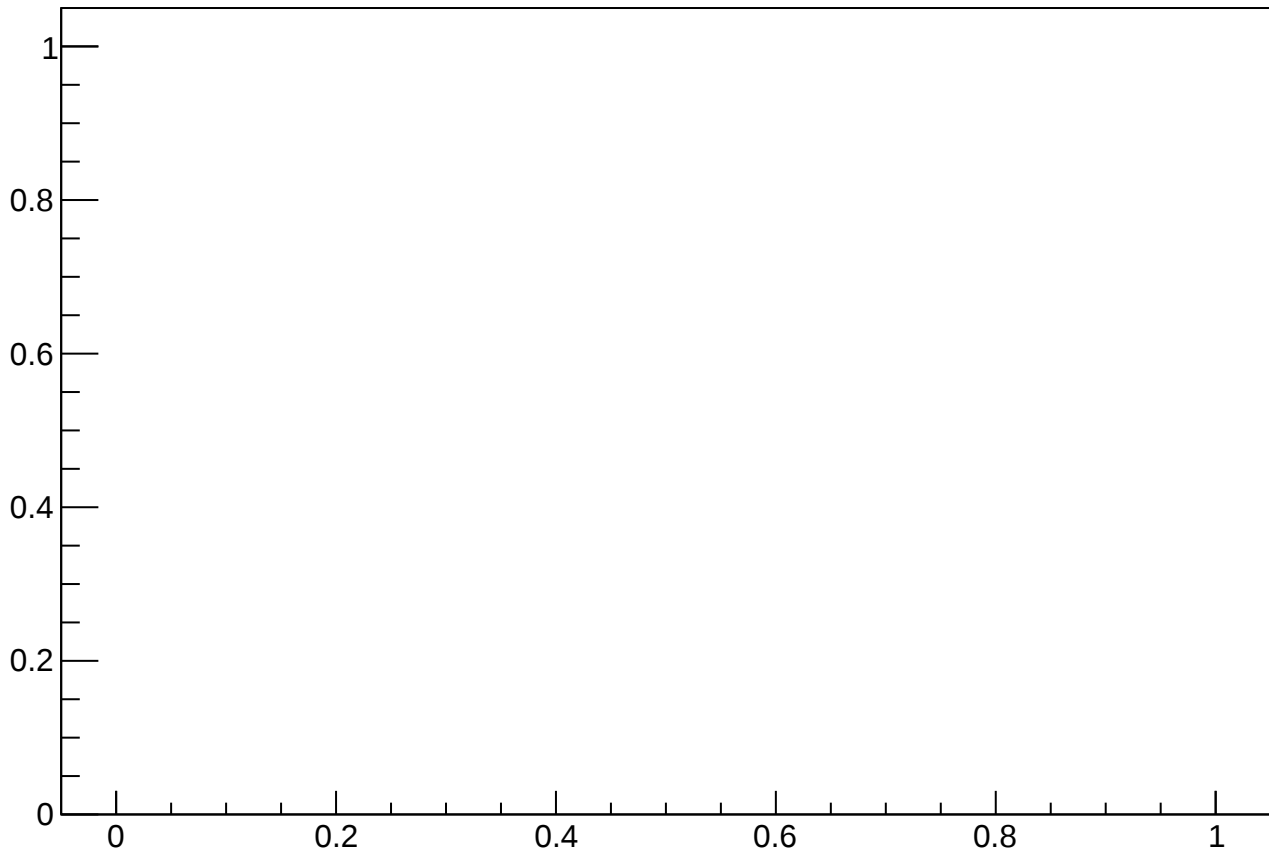
Right Out: 406.873 ± 0.286 χ^2/NDF : 35.0/1

Left In: 478.688 ± 0.473 χ^2/NDF : 0.0/0

399.365 ± 0.235 χ^2/NDF : 25542.2/2

426.085 ± 0.244 χ^2/NDF : 16951.3/2

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

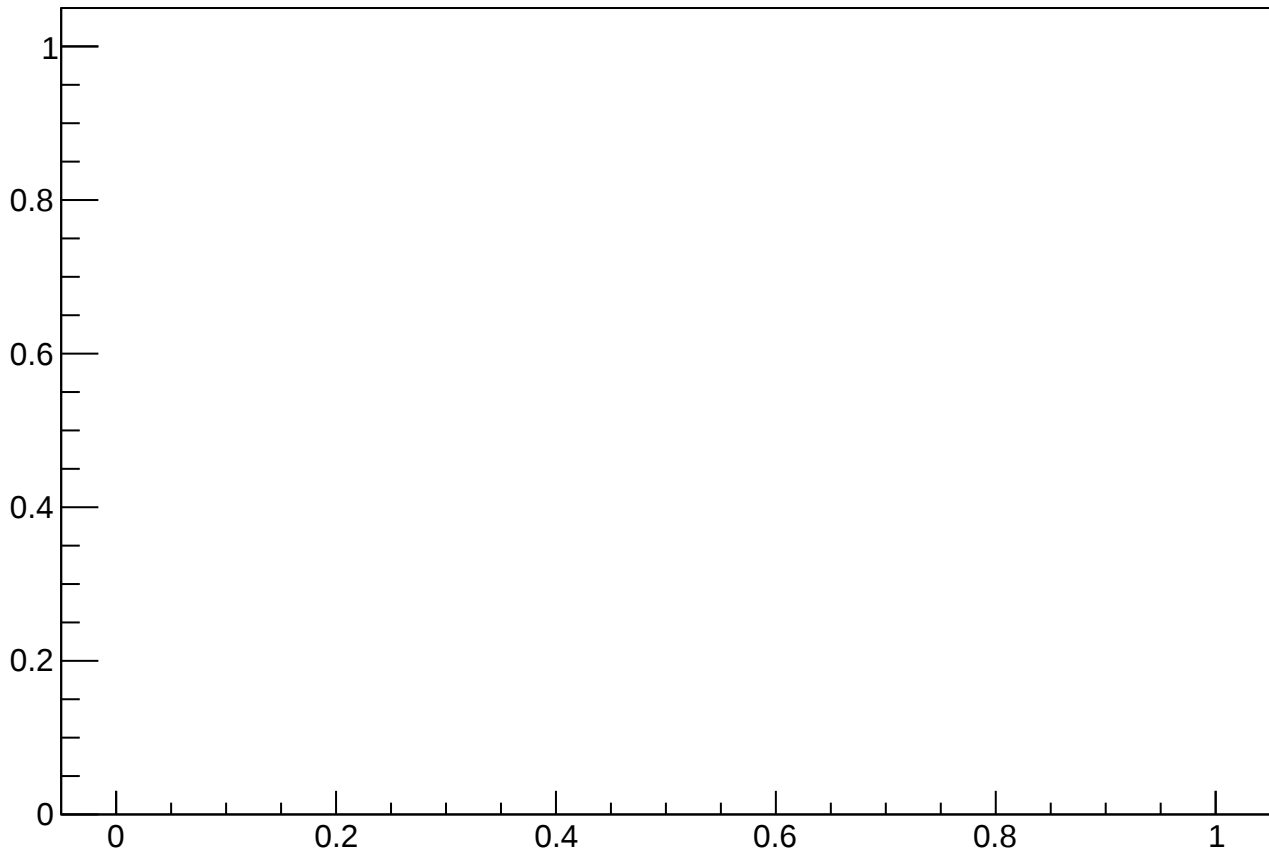
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

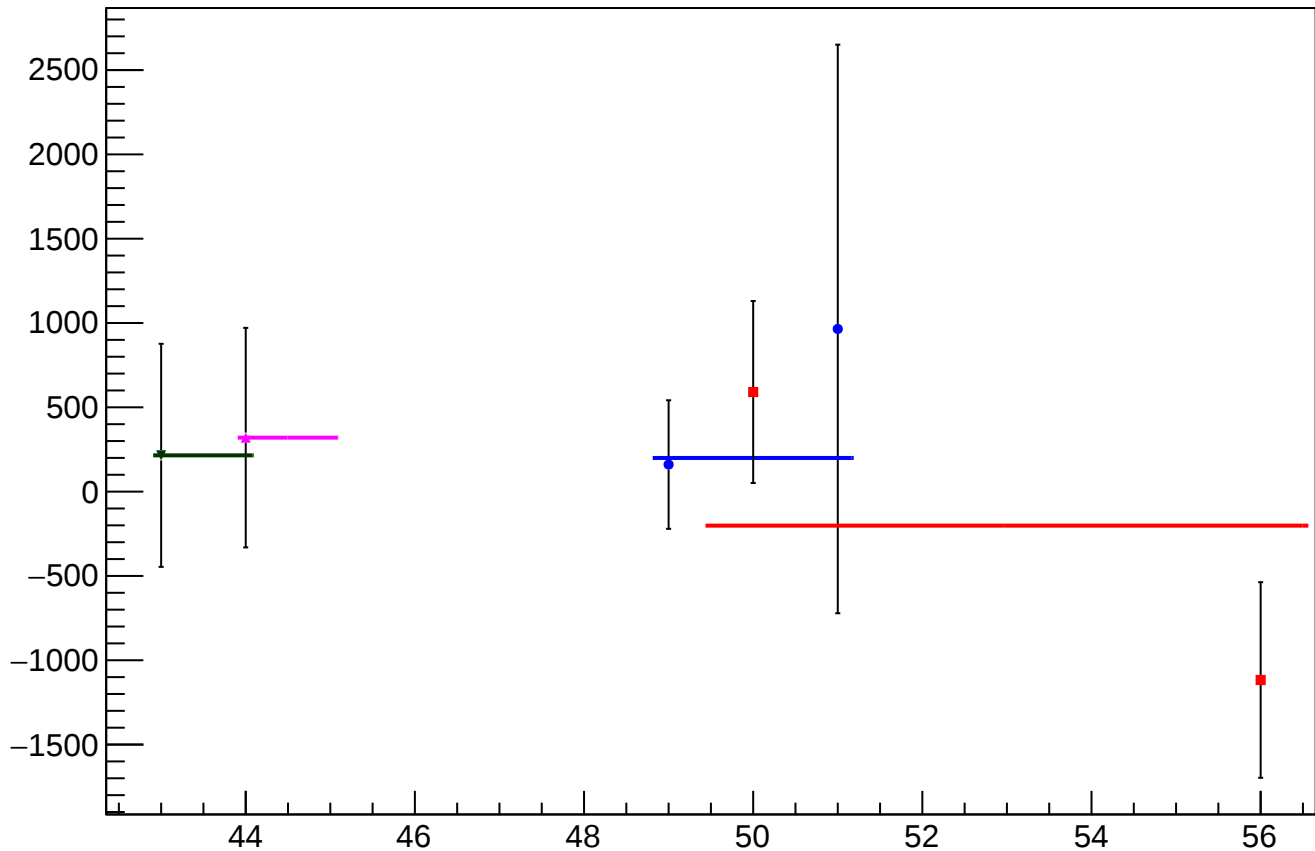
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 199.659+/-371.792 χ^2/NDF : 0.2/1

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

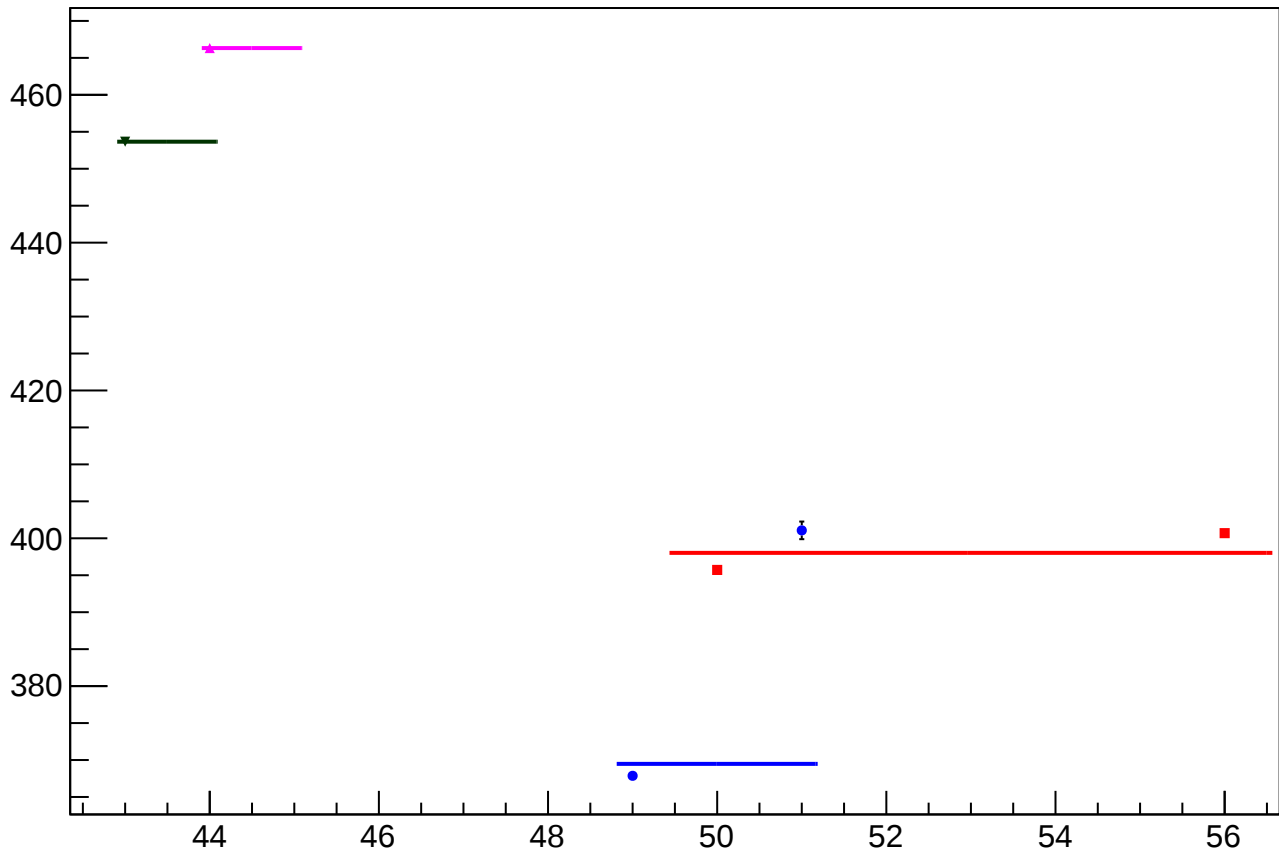
Right Out: -201.649+/-395.100 χ^2/NDF : 4.6/1

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

203.396+/-324.101 χ^2/NDF : 0.2/2

-61.196+/-337.767 χ^2/NDF : 5.1/2

asym_ds_agg_dd_rms vs slug



Right In: 369.479 $\pm$ 0.263 χ^2 /NDF: 738.1/1

Left Out: 453.660 $\pm$ 0.468 χ^2 /NDF: 0.0/0

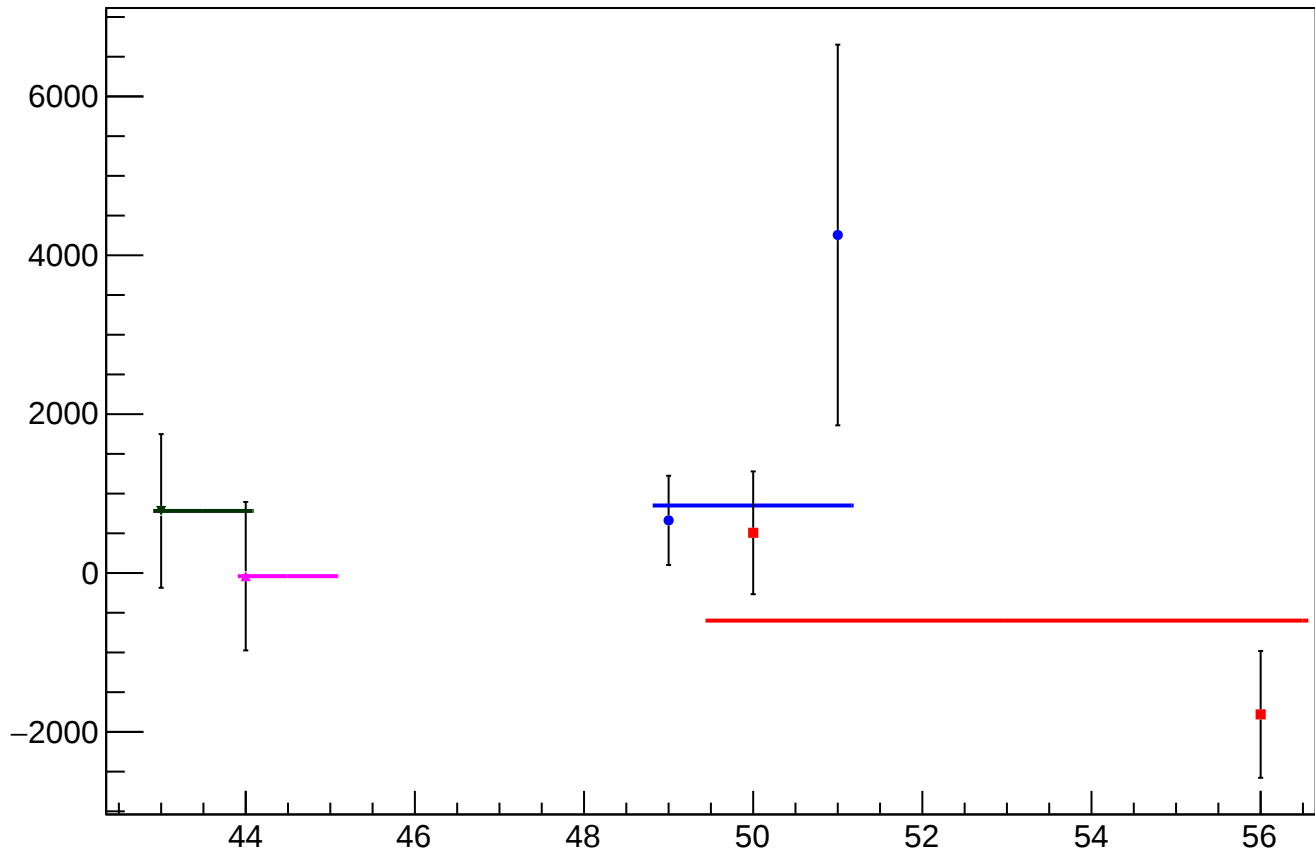
Right Out: 398.028 $\pm$ 0.279 χ^2 /NDF: 78.9/1

Left In: 466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

389.690 $\pm$ 0.229 χ^2 /NDF: 25355.4/2

416.412 $\pm$ 0.239 χ^2 /NDF: 16165.3/2

asym_left_agg_avg_mean vs slug



Right In: 850.098 $\pm$ 547.072 χ^2 /NDF: 2.1/1

Left Out: 781.614 $\pm$ 967.286 χ^2 /NDF: 0.0/0

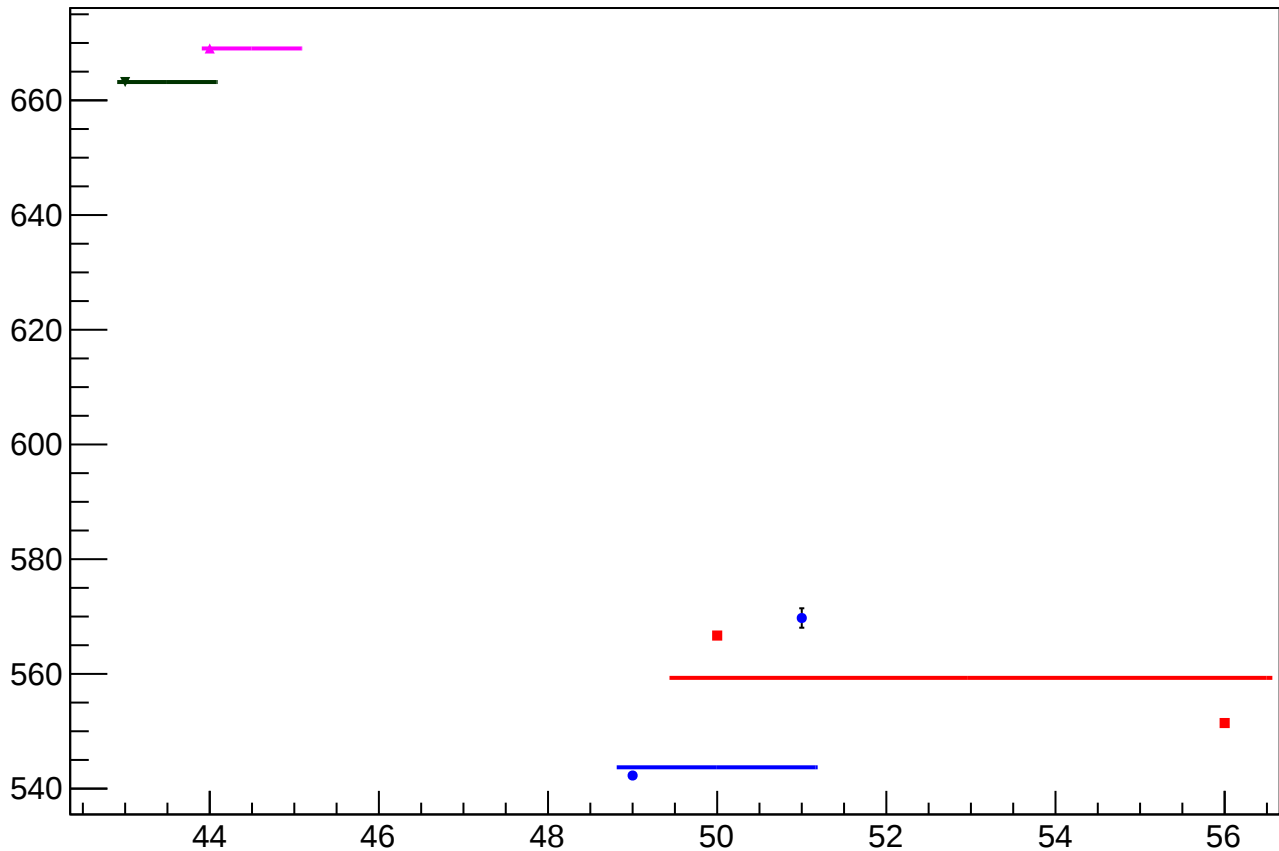
Right Out: -598.839 $\pm$ 555.271 χ^2 /NDF: 4.2/1

Left In: -39.508 $\pm$ 934.410 χ^2 /NDF: 0.0/0

833.501 $\pm$ 476.188 χ^2 /NDF: 2.1/2

-452.869 $\pm$ 477.348 χ^2 /NDF: 4.5/2

asym_left_agg_avg_rms vs slug



Right In: 543.715 $\pm$ 0.387 χ^2 /NDF: 249.0/1

Left Out: 663.190 $\pm$ 0.684 χ^2 /NDF: 0.0/0

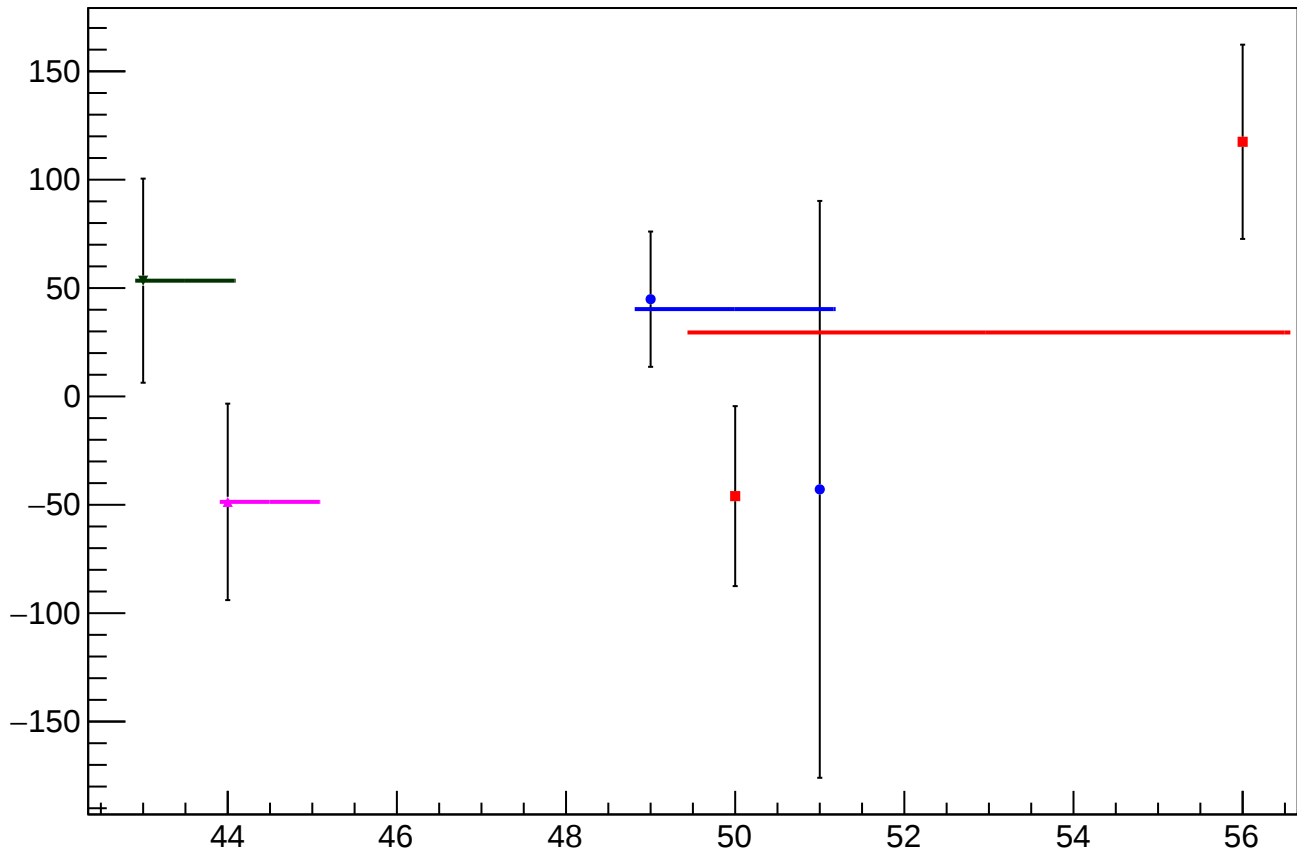
Right Out: 559.310 $\pm$ 0.393 χ^2 /NDF: 376.8/1

Left In: 669.043 $\pm$ 0.661 χ^2 /NDF: 0.0/0

572.670 $\pm$ 0.337 χ^2 /NDF: 23366.6/2

587.947 $\pm$ 0.338 χ^2 /NDF: 20761.0/2

asym_left_agg_dd_mean vs slug



Right In: 40.293+/-30.386 χ^2/NDF : 0.4/1

Left Out: 53.407+/-47.084 χ^2/NDF : 0.0/0

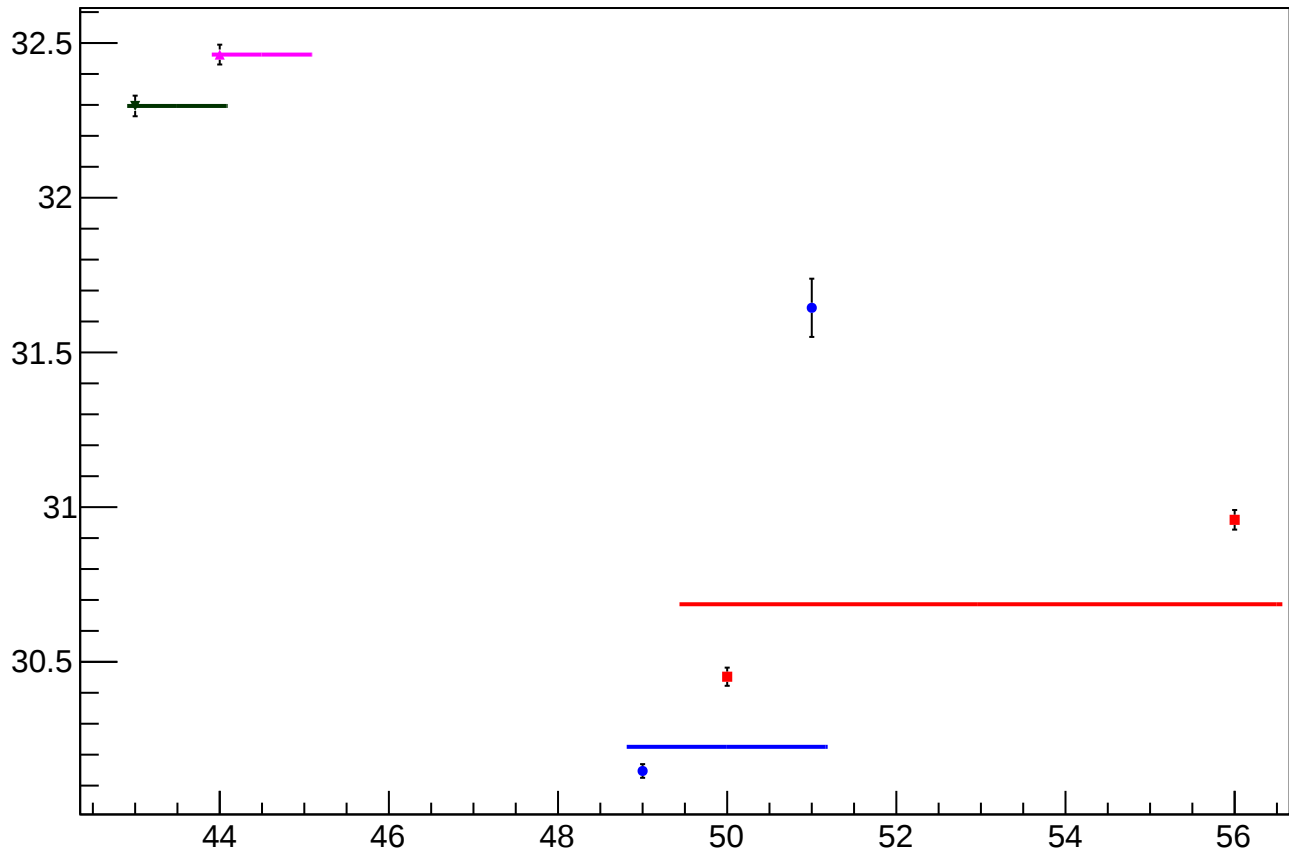
Right Out: 29.511+/-30.454 χ^2/NDF : 7.2/1

Left In: -48.651+/-45.318 χ^2/NDF : 0.0/0

44.149+/-25.531 χ^2/NDF : 0.5/2

5.195+/-25.277 χ^2/NDF : 9.2/2

asym_left_agg_dd_rms vs slug



Right In: 30.225 ± 0.021 $\chi^2/\text{NDF}: 239.9/1$

Left Out: 32.297 ± 0.033 $\chi^2/\text{NDF}: 0.0/0$

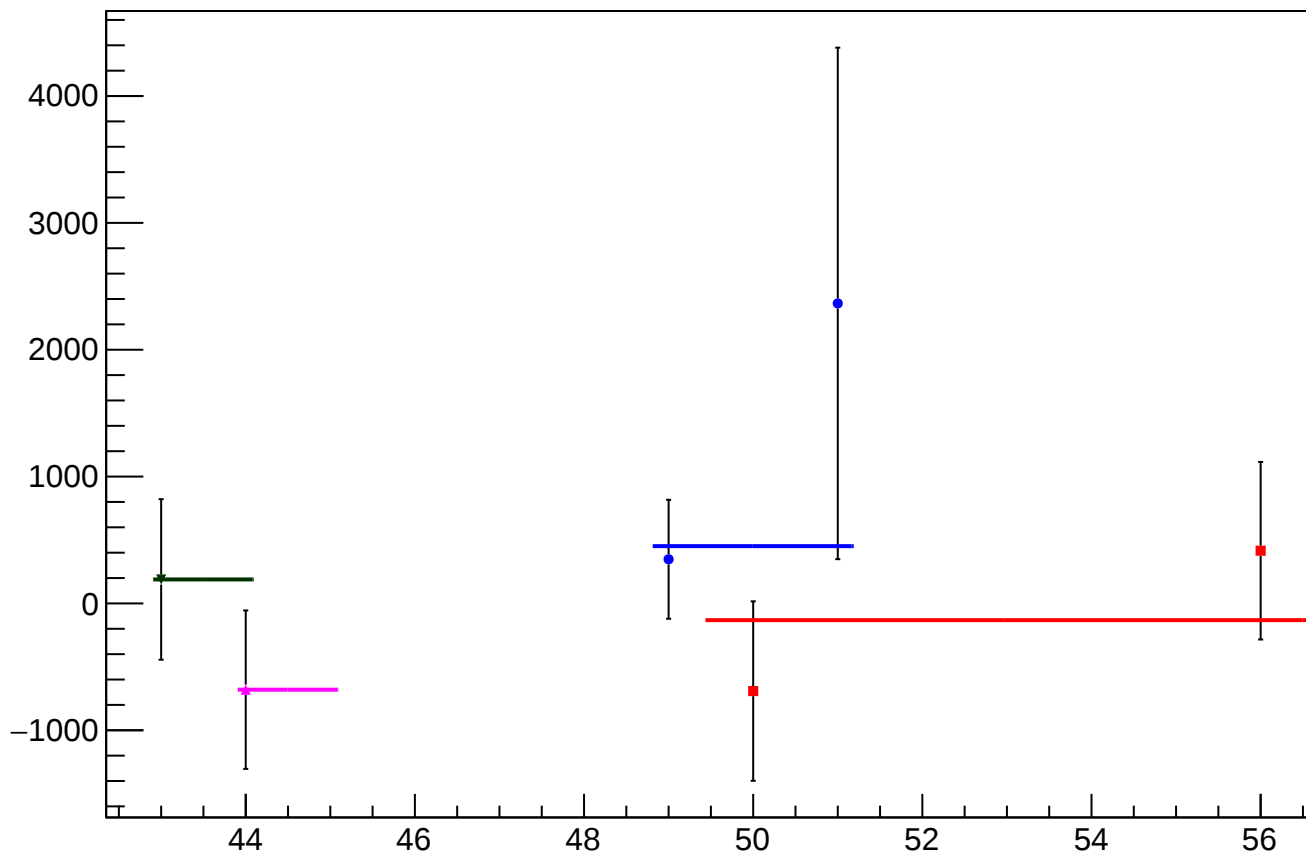
Right Out: 30.686 ± 0.022 $\chi^2/\text{NDF}: 137.8/1$

Left In: 32.463 ± 0.032 $\chi^2/\text{NDF}: 0.0/0$

30.834 ± 0.018 $\chi^2/\text{NDF}: 2972.3/2$

31.239 ± 0.018 $\chi^2/\text{NDF}: 2255.0/2$

asym_right_agg_avg_mean vs slug



Right In: 451.571+/-456.726 χ^2/NDF : 0.9/1

Left Out: 188.983+/-633.036 χ^2/NDF : 0.0/0

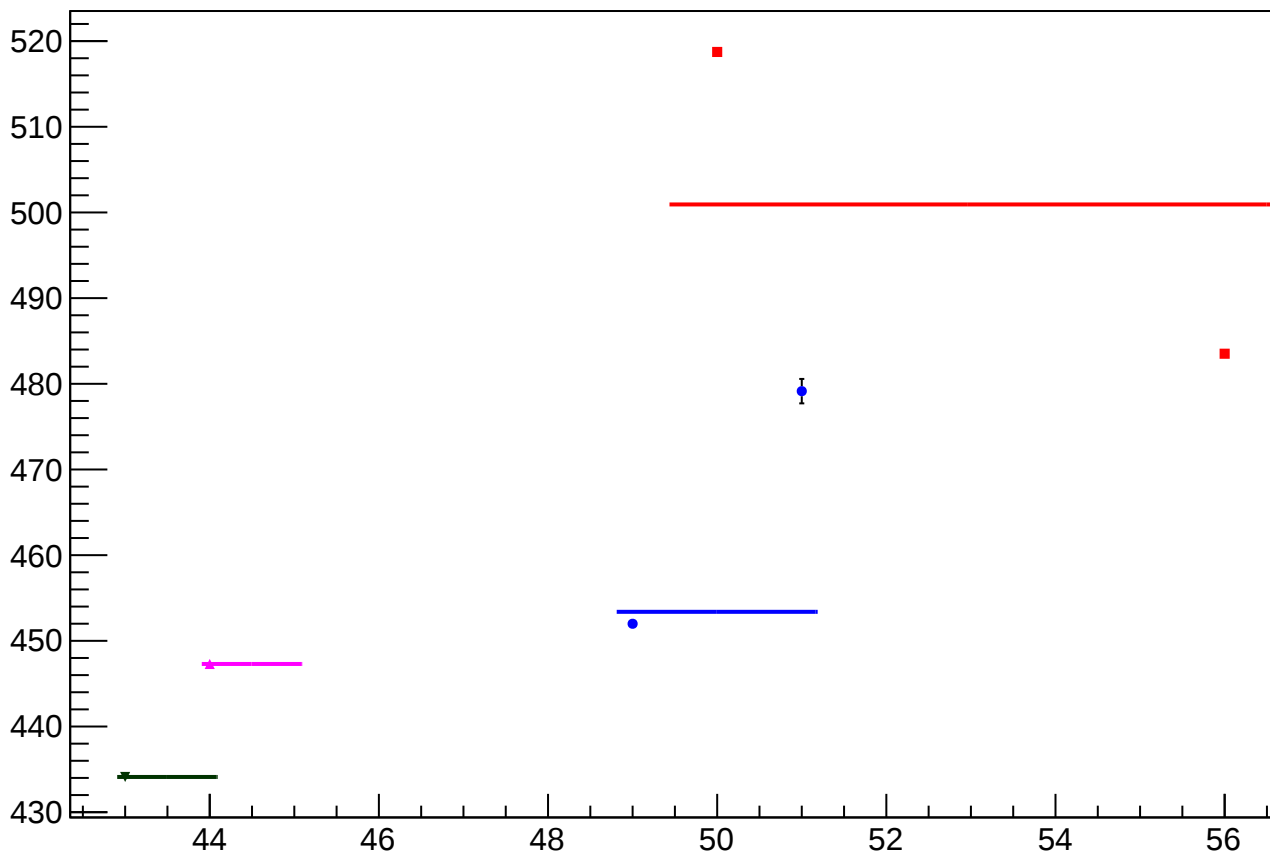
Right Out: -131.843+/-497.547 χ^2/NDF : 1.2/1

Left In: -680.012+/-624.573 χ^2/NDF : 0.0/0

361.677+/-370.388 χ^2/NDF : 1.1/2

-344.659+/-389.160 χ^2/NDF : 1.7/2

asym_right_agg_avg_rms vs slug



Right In: 453.387 $\pm$ 0.323 χ^2 /NDF: 344.0/1

Left Out: 434.112 $\pm$ 0.448 χ^2 /NDF: 0.0/0

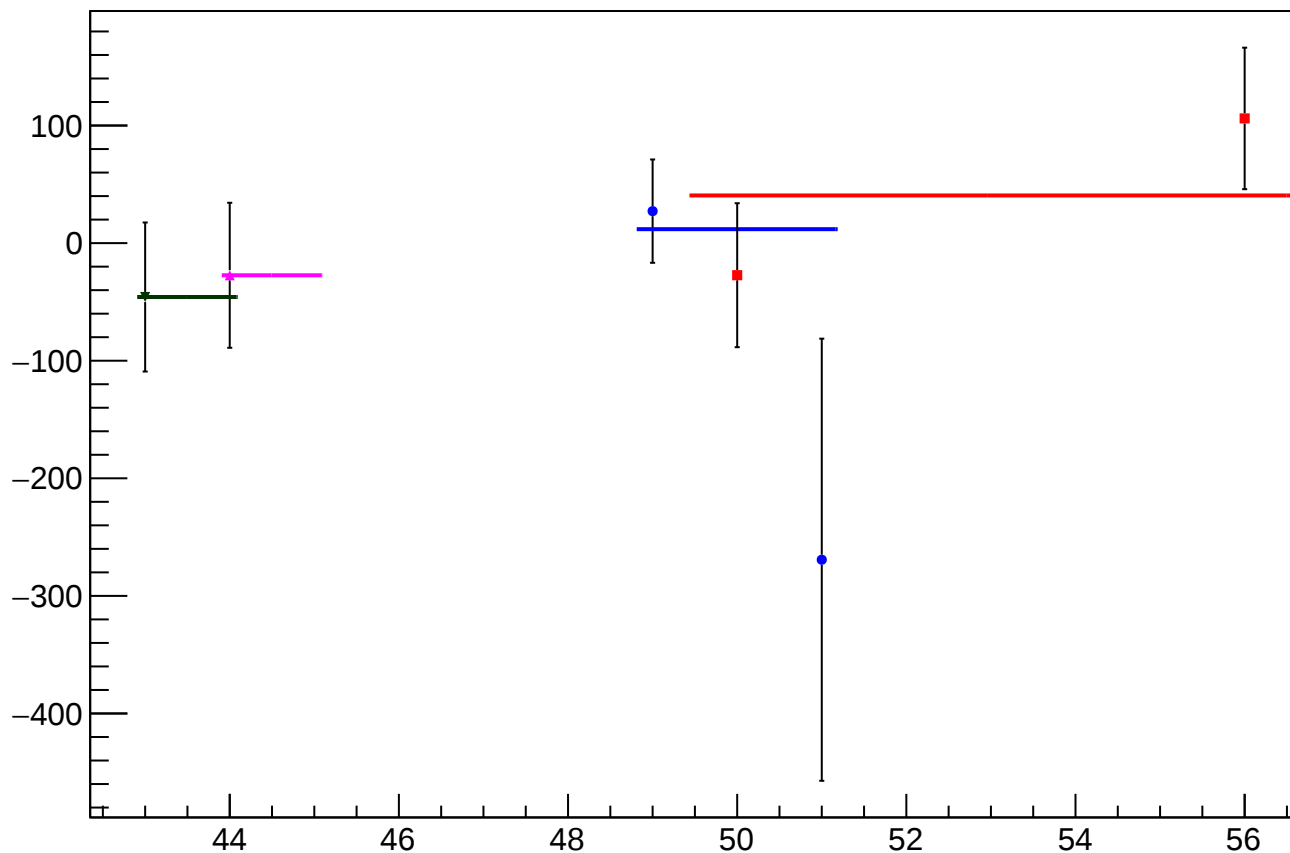
Right Out: 500.935 $\pm$ 0.352 χ^2 /NDF: 2505.3/1

Left In: 447.301 $\pm$ 0.442 χ^2 /NDF: 0.0/0

446.788 $\pm$ 0.262 χ^2 /NDF: 1563.5/2

480.112 $\pm$ 0.275 χ^2 /NDF: 11527.9/2

asym_right_agg_dd_mean vs slug



Right In: 11.861+/-42.783 χ^2/NDF : 2.4/1

Left Out: -45.823+/-63.374 χ^2/NDF : 0.0/0

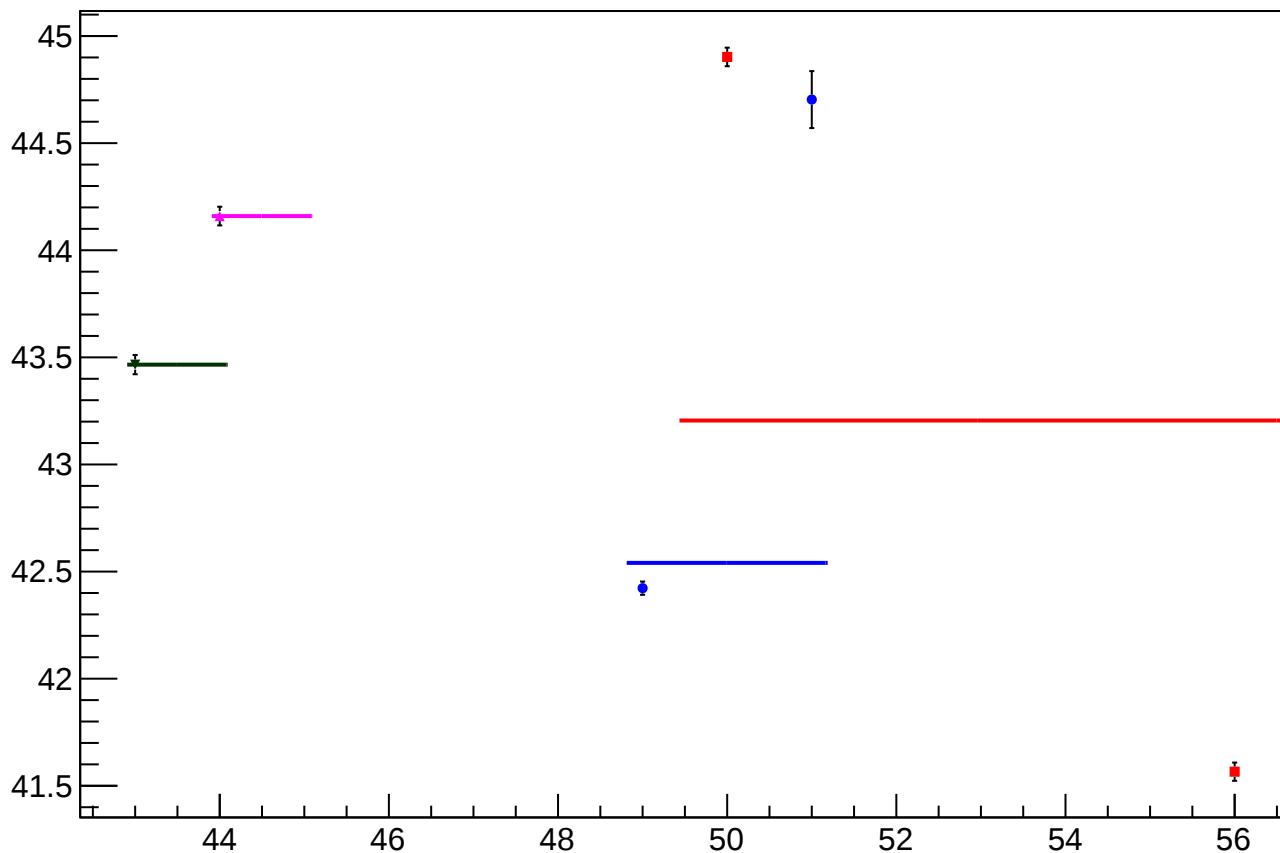
Right Out: 40.540+/-42.914 χ^2/NDF : 2.4/1

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

-6.198+/-35.459 χ^2/NDF : 2.9/2

18.385+/-35.222 χ^2/NDF : 3.2/2

asym_right_agg_dd_rms vs slug



Right In: 42.541 $\pm$ 0.030 χ^2 /NDF: 279.1/1

Left Out: 43.466 $\pm$ 0.045 χ^2 /NDF: 0.0/0

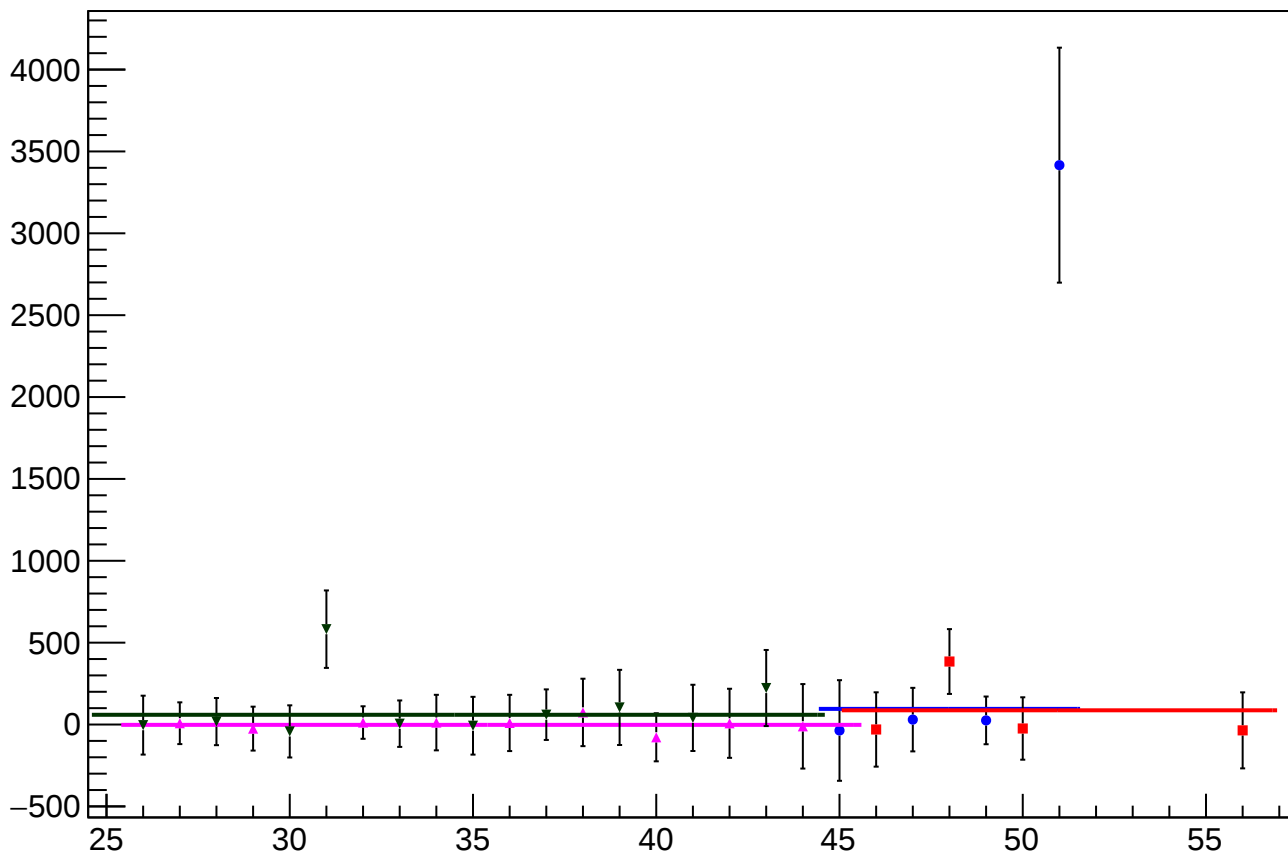
Right Out: 43.205 $\pm$ 0.030 χ^2 /NDF: 3021.7/1

Left In: 44.160 $\pm$ 0.044 χ^2 /NDF: 0.0/0

42.830 $\pm$ 0.025 χ^2 /NDF: 572.1/2

43.517 $\pm$ 0.025 χ^2 /NDF: 3344.5/2

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 95.586+/-107.702 χ^2 /NDF: 21.9/3

Left Out: 59.489+/-55.719 χ^2 /NDF:6.3/9

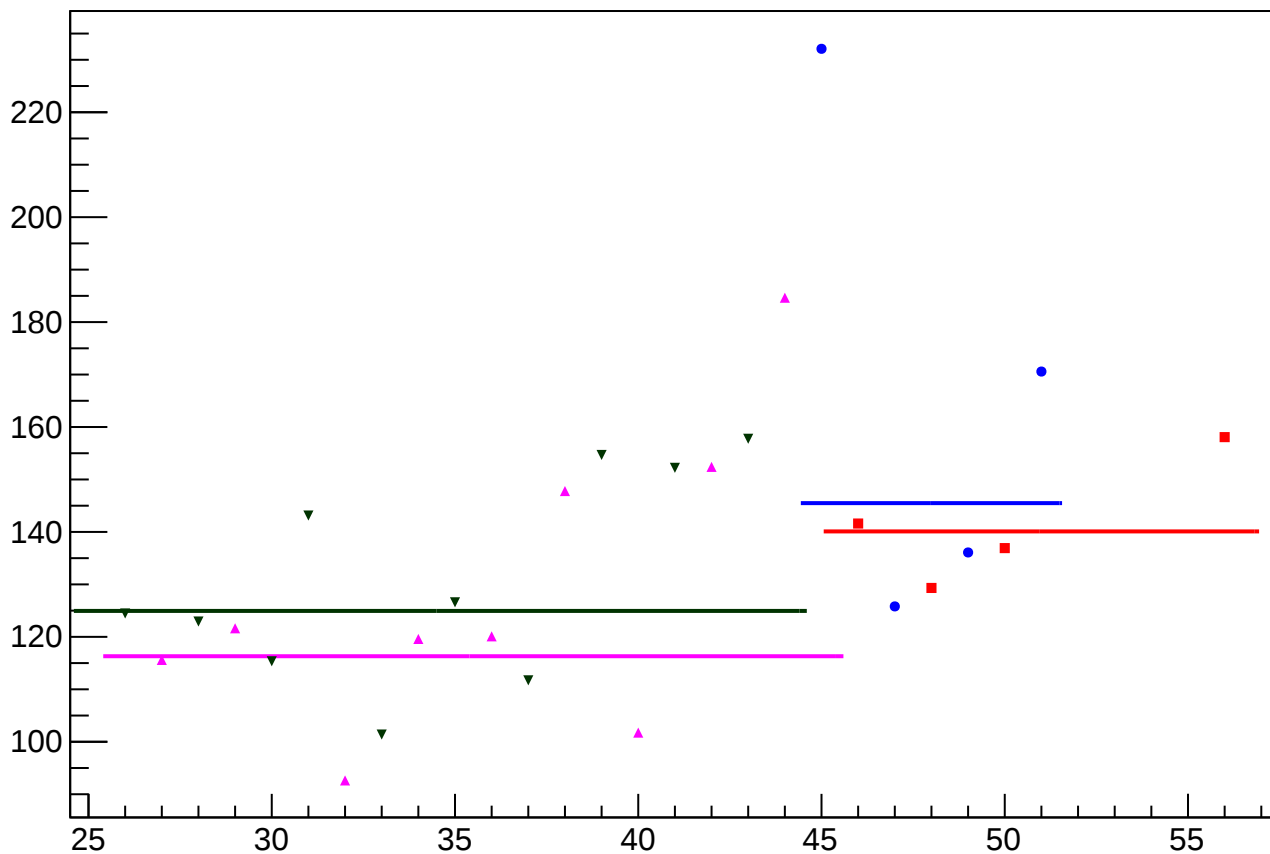
Right Out: 86.871+/-104.817 χ^2 /NDF: 3.1/3

Left In: -2.017+/-50.338 χ^2 /NDF:0.5/8

67.110+/-49.488 χ^2 /NDF: 28.4/13

14.642+/-45.377 χ^2 /NDF: 4.2/12

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 145.492 ± 0.076 χ^2/NDF : 190239.6/3

Left Out: 124.943 ± 0.039 χ^2/NDF : 199383.4/9

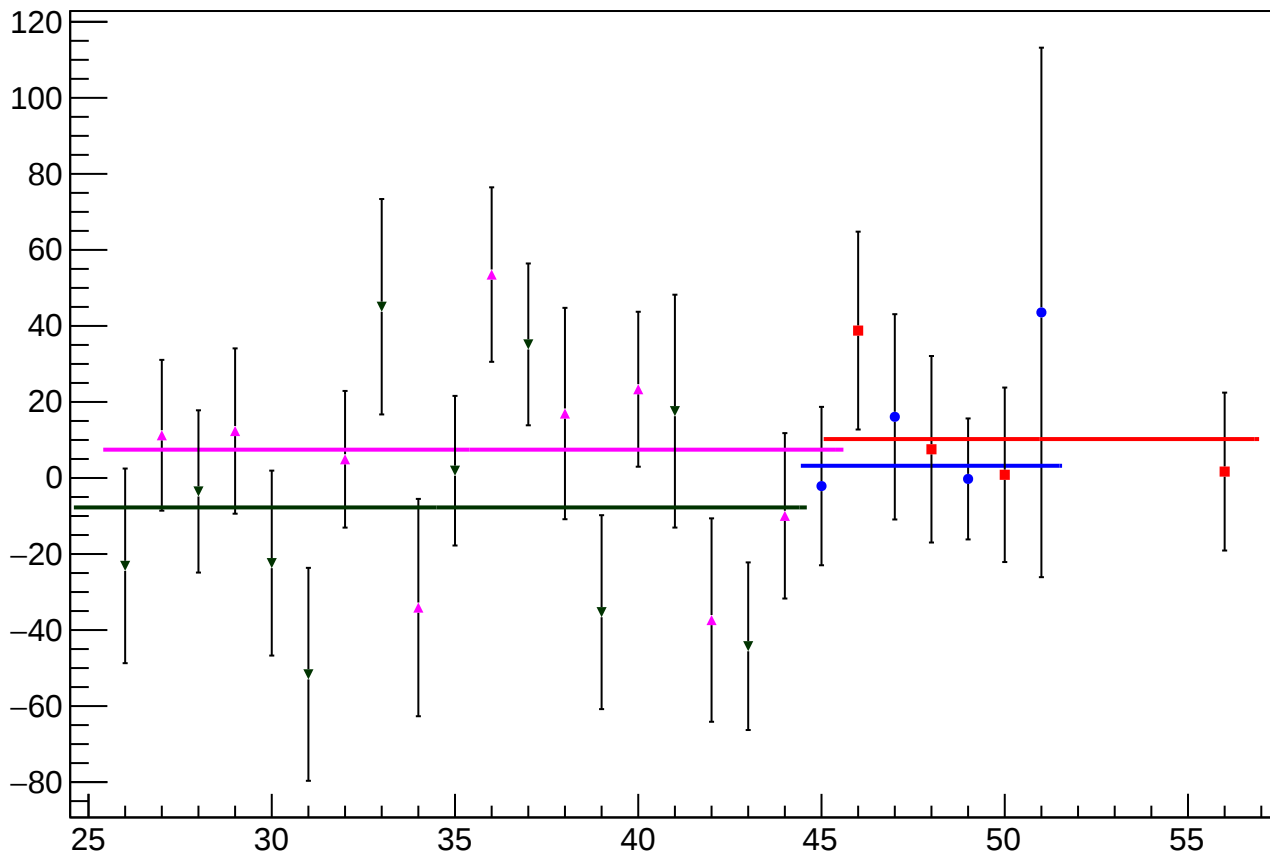
Right Out: 140.099 ± 0.074 χ^2/NDF : 18562.0/3

Left In: 116.307 ± 0.036 χ^2/NDF : 383885.3/8

129.282 ± 0.035 χ^2/NDF : 447051.8/13

120.766 ± 0.032 χ^2/NDF : 486178.5/12

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 3.213+/-11.301 χ^2/NDF : 0.7/3

Left Out: -7.744+/-7.585 χ^2/NDF :15.6/9

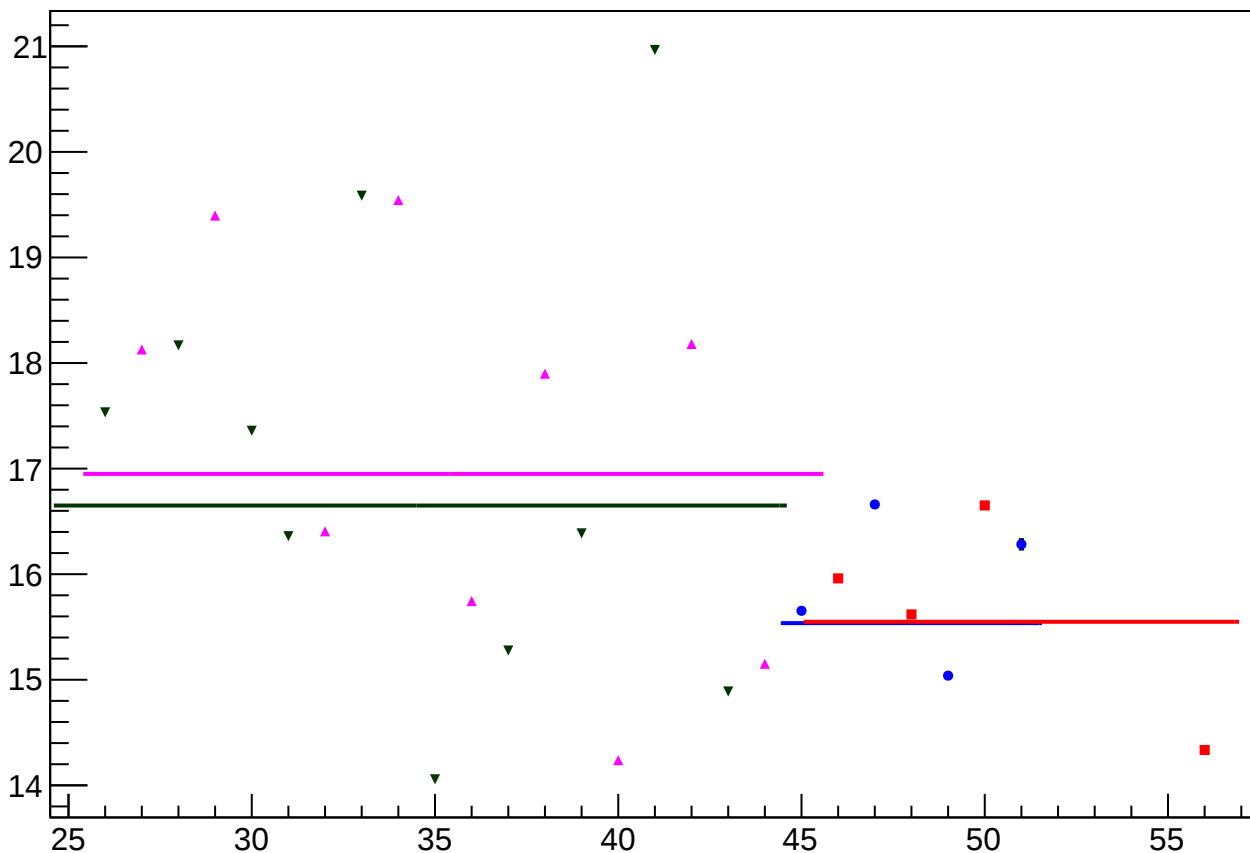
-4.341+/-6.298 χ^2/NDF : 16.9/13

Right Out: 10.240+/-11.660 χ^2/NDF : 1.6/3

8.256+/-6.270 χ^2/NDF : 12.0/12

Left In: 7.449+/-7.436 χ^2/NDF :10.4/8

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.536+/-0.008 χ^2/NDF : 5714.5/3

Left Out: 16.650+/-0.005 χ^2/NDF :131585.8/9

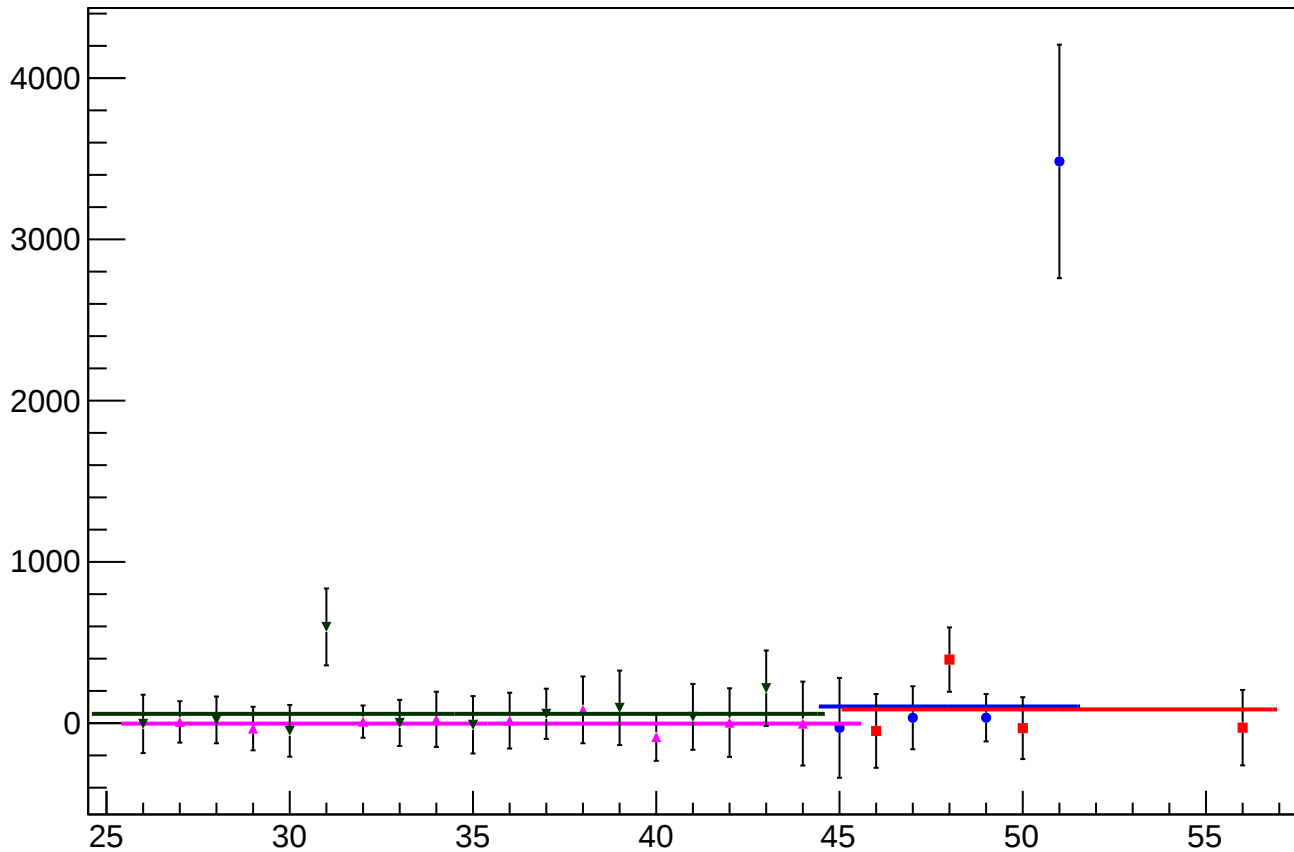
16.304+/-0.004 χ^2/NDF : 150697.6/13

Right Out: 15.549+/-0.008 χ^2/NDF : 11965.0/3

16.545+/-0.004 χ^2/NDF : 144326.9/12

Left In: 16.950+/-0.005 χ^2/NDF :111842.2/8

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 103.463+/-108.528 χ^2/NDF : 22.3/3

Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

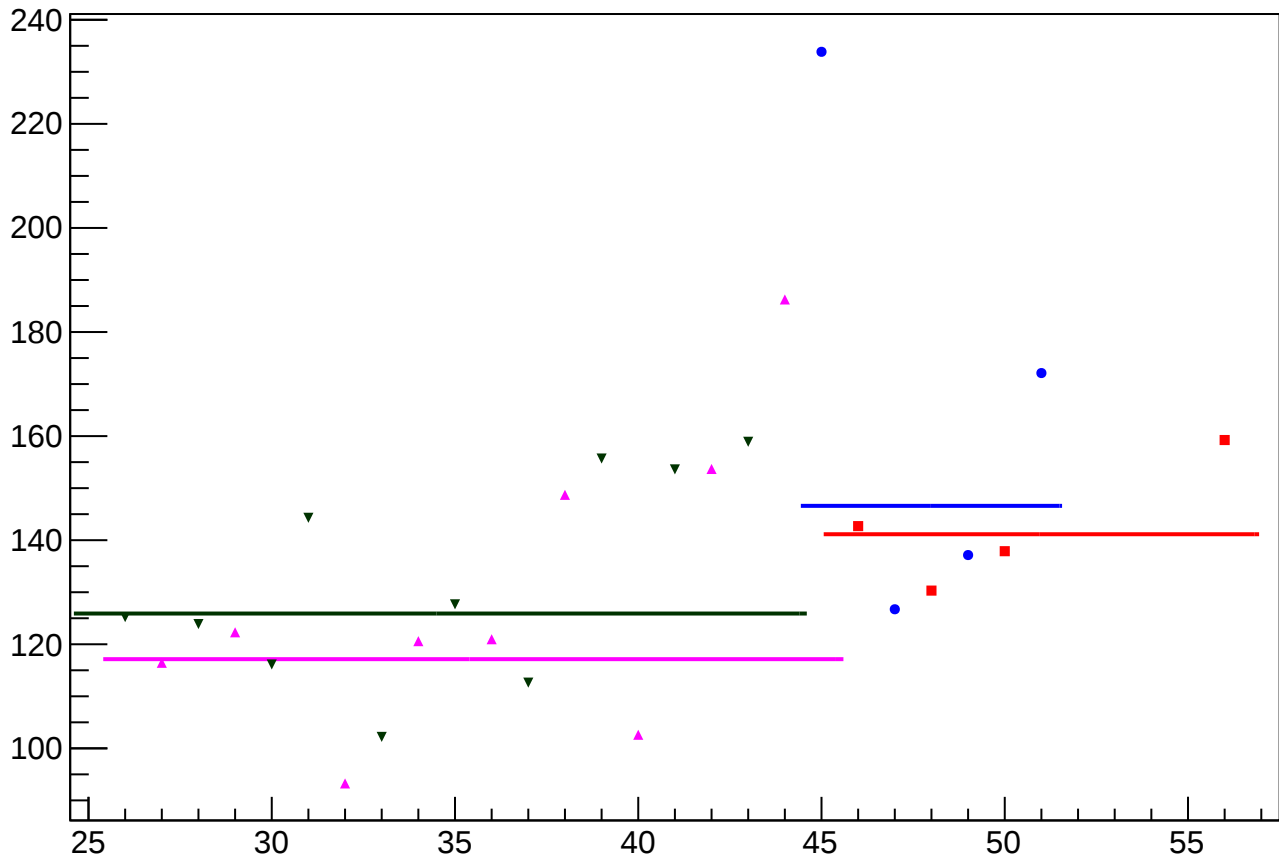
Right Out: 85.249+/-105.596 χ^2/NDF : 3.3/3

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

67.391+/-49.870 χ^2/NDF : 29.0/13

13.855+/-45.707 χ^2/NDF : 4.5/12

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 146.598+/-0.077 χ^2/NDF : 190252.6/3

Left Out: 125.907+/-0.040 χ^2/NDF :199353.5/9

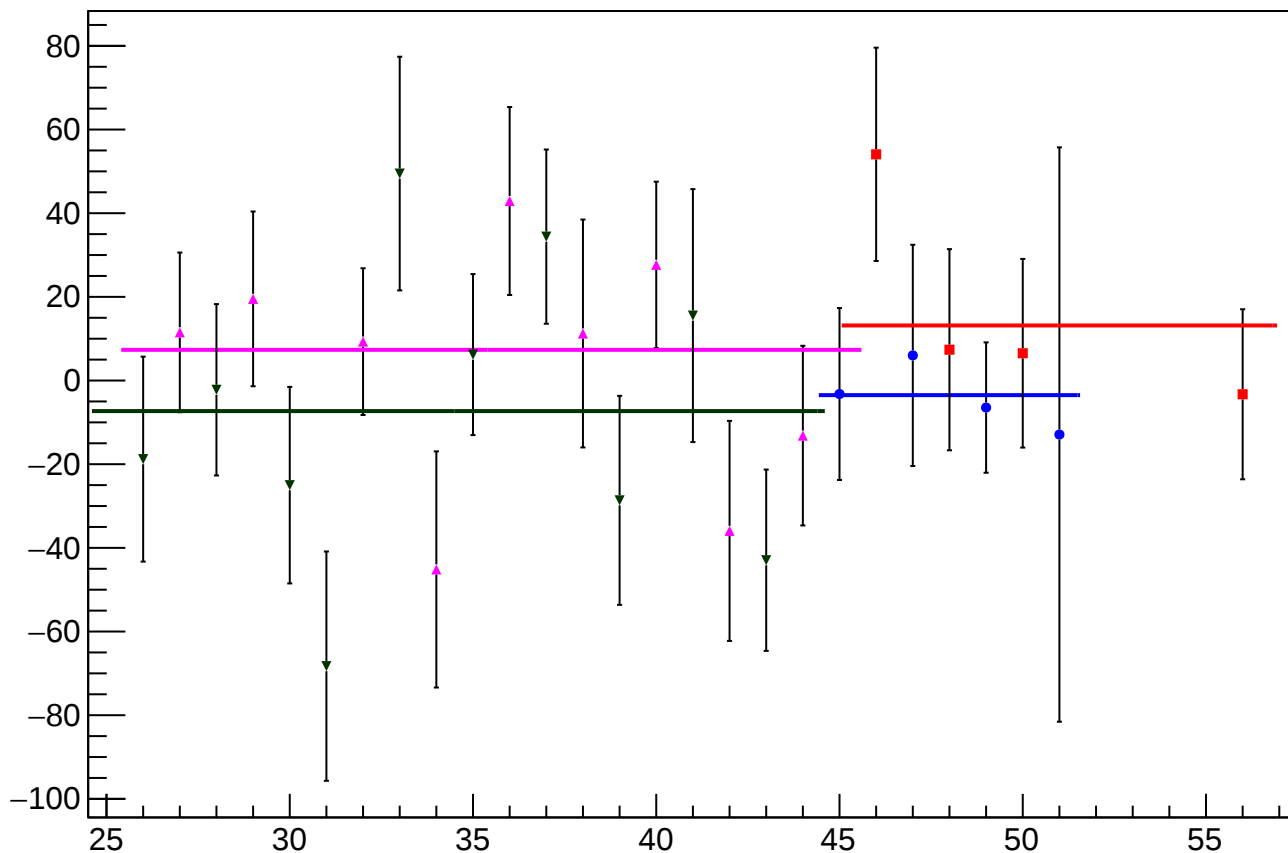
Right Out: 141.145+/-0.075 χ^2/NDF : 18549.8/3

Left In: 117.138+/-0.036 χ^2/NDF :384637.6/8

130.276+/-0.035 χ^2/NDF : 446955.7/13

121.636+/-0.032 χ^2/NDF : 487188.9/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.490+/-11.092 χ^2/NDF : 0.2/3

Left Out: -7.303+/-7.391 χ^2/NDF : 18.4/9

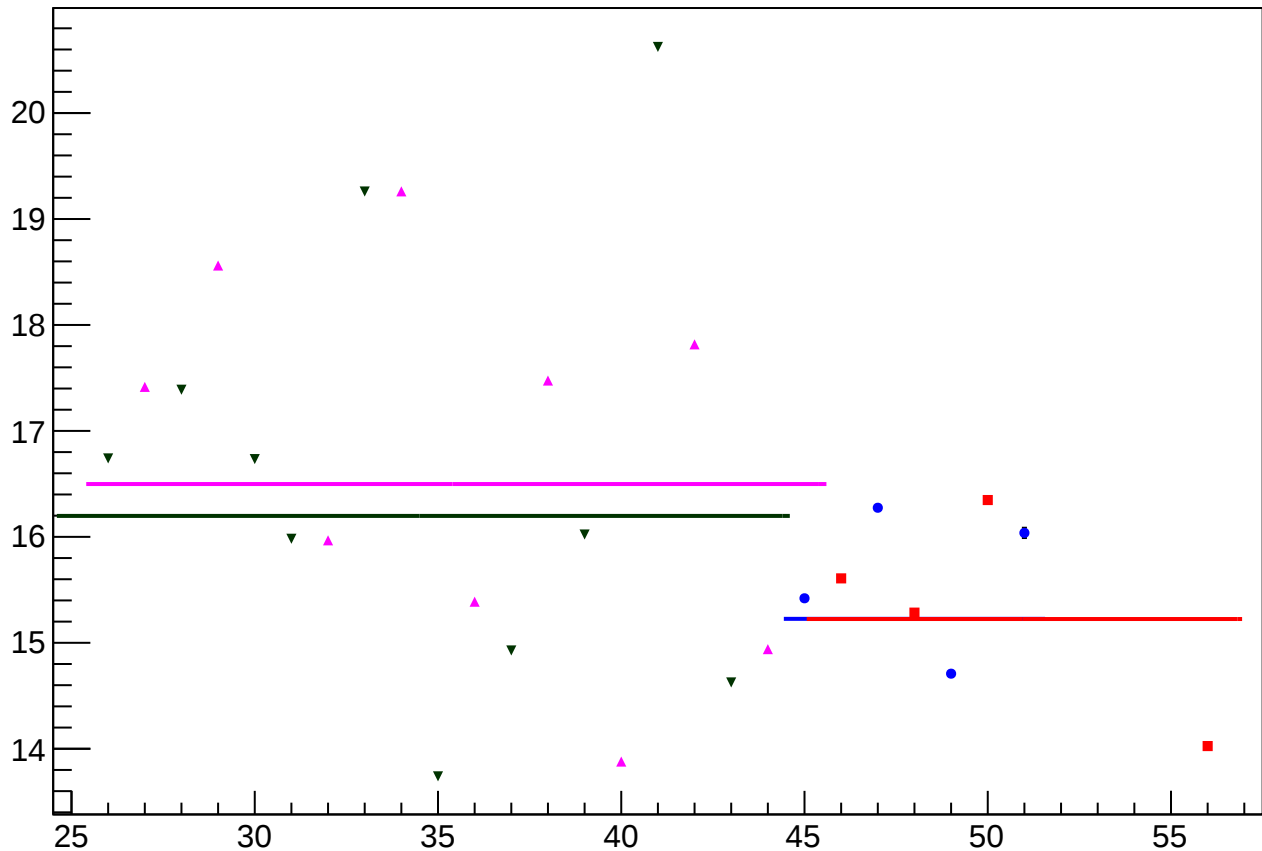
Right Out: 13.165+/-11.429 χ^2/NDF : 3.4/3

Left In: 7.338+/-7.251 χ^2/NDF : 11.1/8

-6.130+/-6.151 χ^2/NDF : 18.7/13

9.011+/-6.123 χ^2/NDF : 14.6/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.226+/-0.008 χ^2/NDF : 5808.0/3

Left Out: 16.198+/-0.005 χ^2/NDF : 126492.9/9

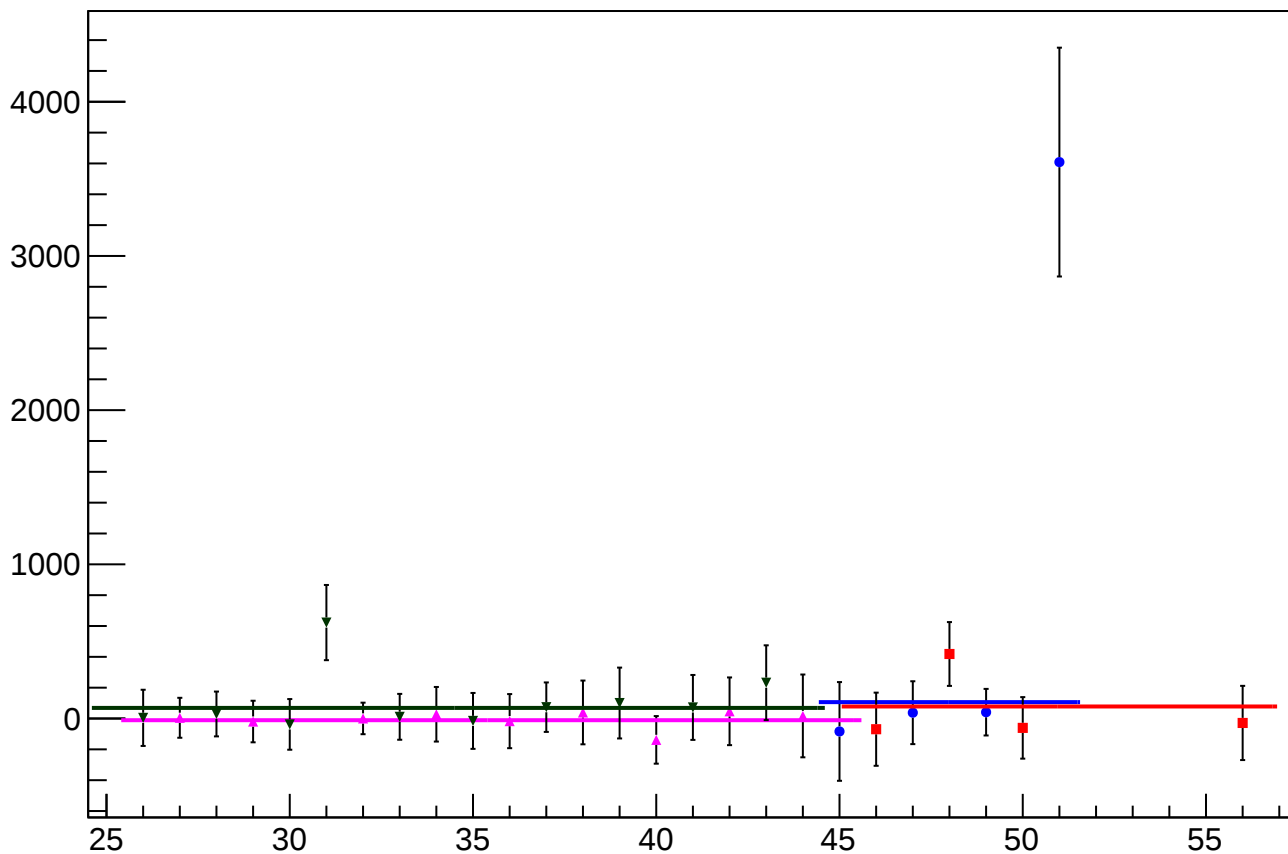
15.899+/-0.004 χ^2/NDF : 142926.7/13

Right Out: 15.225+/-0.008 χ^2/NDF : 12388.7/3

16.133+/-0.004 χ^2/NDF : 132967.1/12

Left In: 16.499+/-0.005 χ^2/NDF : 102858.3/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 106.280+/-112.177 χ^2/NDF : 22.9/3

Left Out: 68.786+/-57.328 χ^2/NDF : 6.6/9

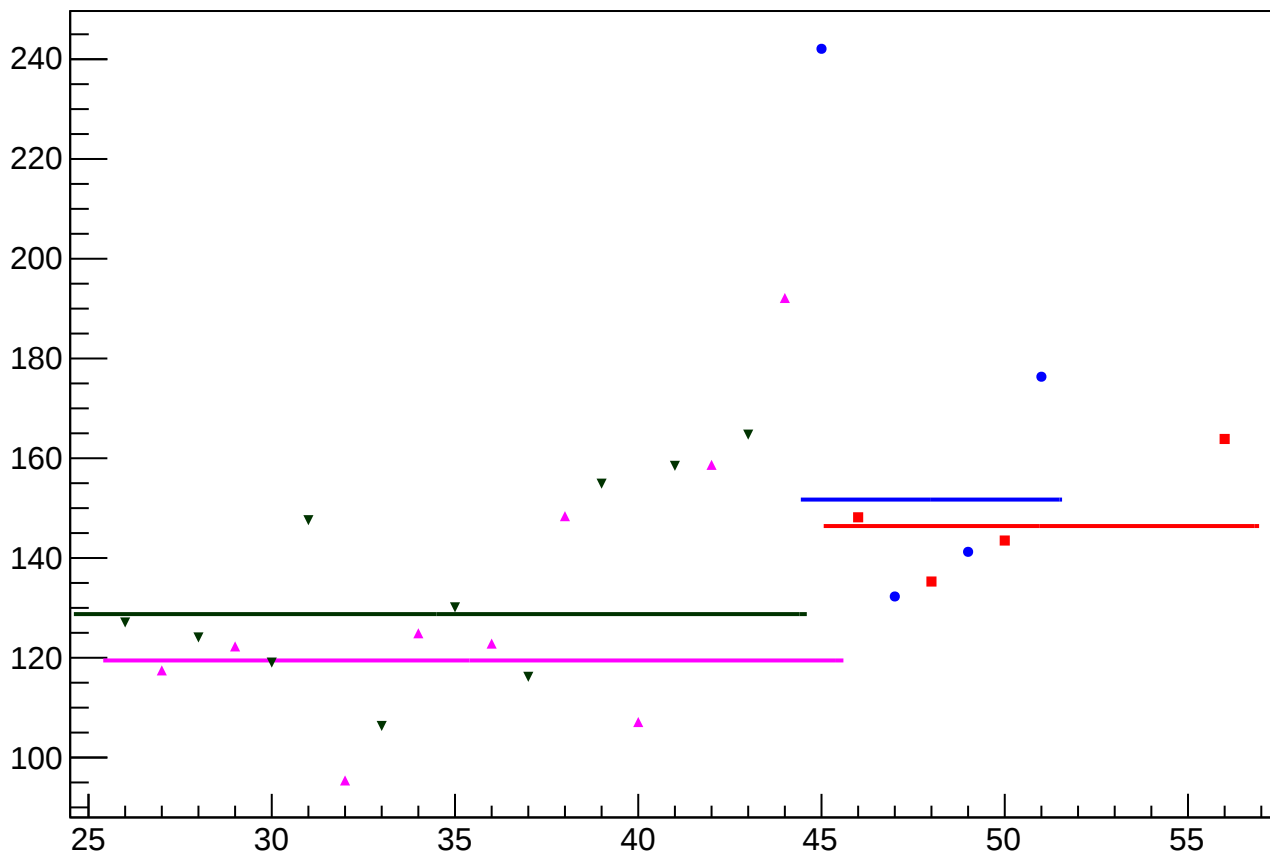
Right Out: 78.048+/-109.435 χ^2/NDF : 3.8/3

Left In: -10.941+/-51.660 χ^2/NDF : 0.9/8

76.550+/-51.048 χ^2/NDF : 29.6/13

5.275+/-46.717 χ^2/NDF : 5.2/12

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 151.715 ± 0.079 χ^2/NDF : 189385.9/3

Left Out: 128.755 ± 0.041 χ^2/NDF : 188808.0/9

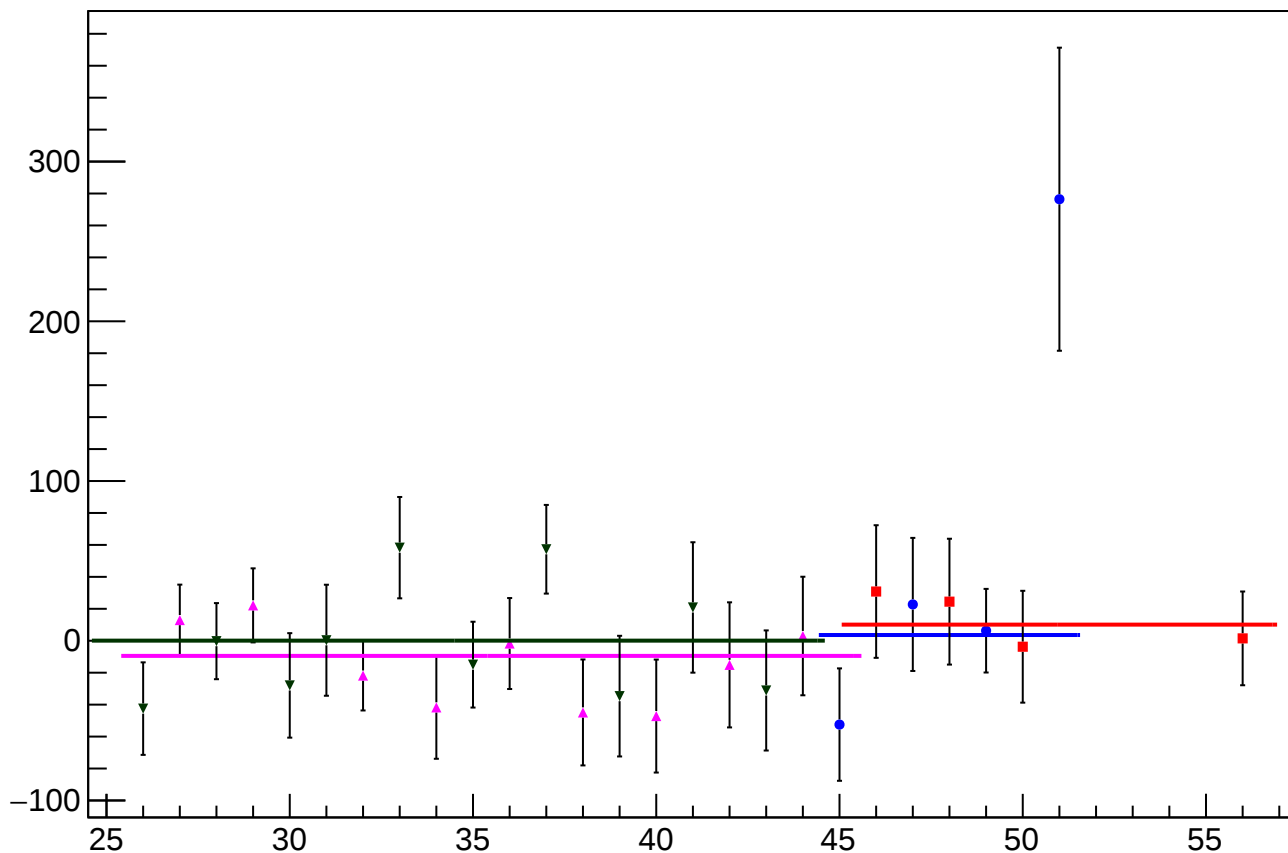
Right Out: 146.408 ± 0.077 χ^2/NDF : 16836.1/3

Left In: 119.459 ± 0.037 χ^2/NDF : 377012.5/8

133.510 ± 0.036 χ^2/NDF : 444623.5/13

124.370 ± 0.033 χ^2/NDF : 493030.1/12

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 3.587 ± 18.398 $\chi^2/\text{NDF}: 11.0/3$

Left Out: 0.067 ± 9.805 $\chi^2/\text{NDF}: 12.6/9$

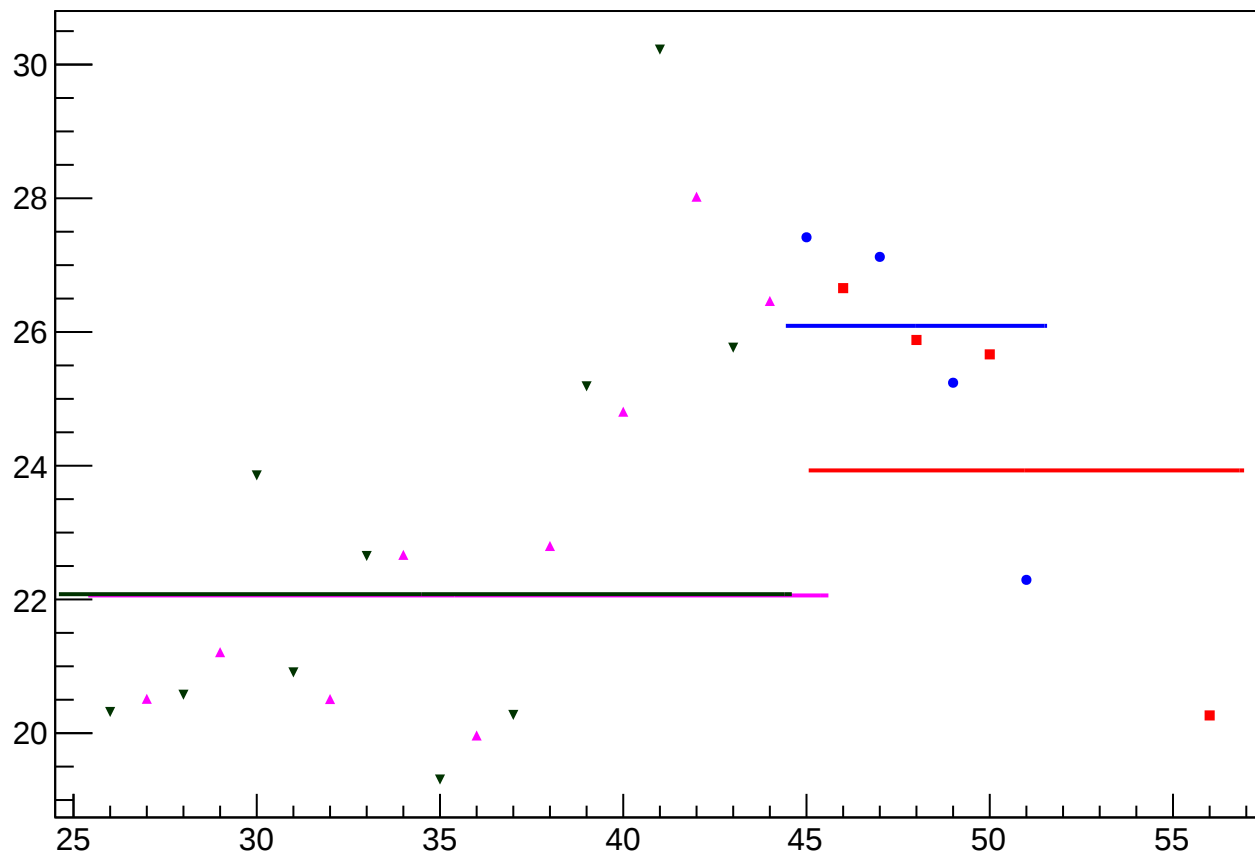
Right Out: 10.090 ± 17.673 $\chi^2/\text{NDF}: 0.6/3$

Left In: -9.482 ± 9.418 $\chi^2/\text{NDF}: 6.7/8$

0.845 ± 8.653 $\chi^2/\text{NDF}: 23.7/13$

-5.152 ± 8.312 $\chi^2/\text{NDF}: 8.3/12$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.092 $\pm$ 0.013 χ^2/NDF : 9378.4/3

Left Out: 22.079 $\pm$ 0.007 χ^2/NDF : 166332.3/9

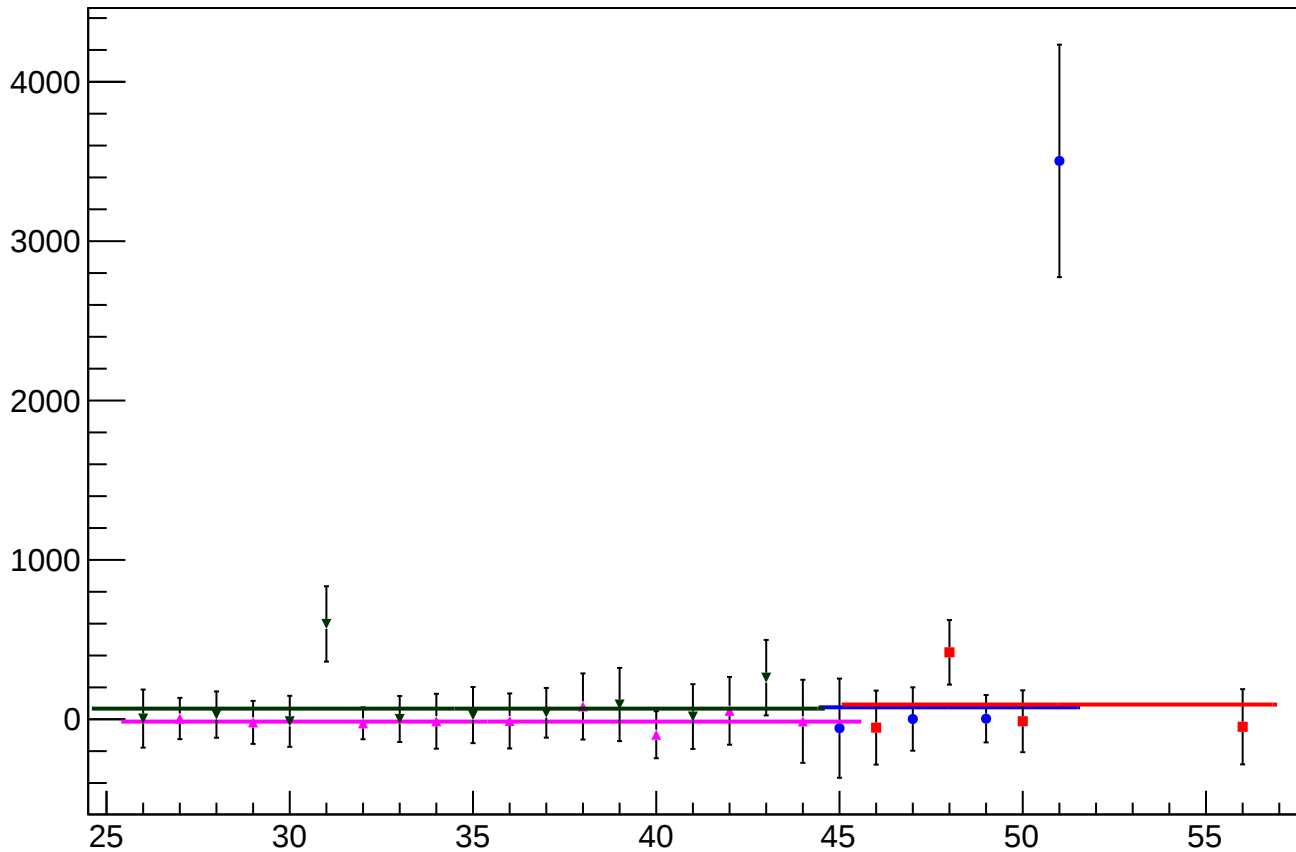
Right Out: 23.930 $\pm$ 0.012 χ^2/NDF : 49635.0/3

Left In: 22.060 $\pm$ 0.007 χ^2/NDF : 121609.5/8

22.966 $\pm$ 0.006 χ^2/NDF : 249834.1/13

22.473 $\pm$ 0.006 χ^2/NDF : 188683.8/12

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 75.027+/-109.945 χ^2/NDF : 22.6/3

Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

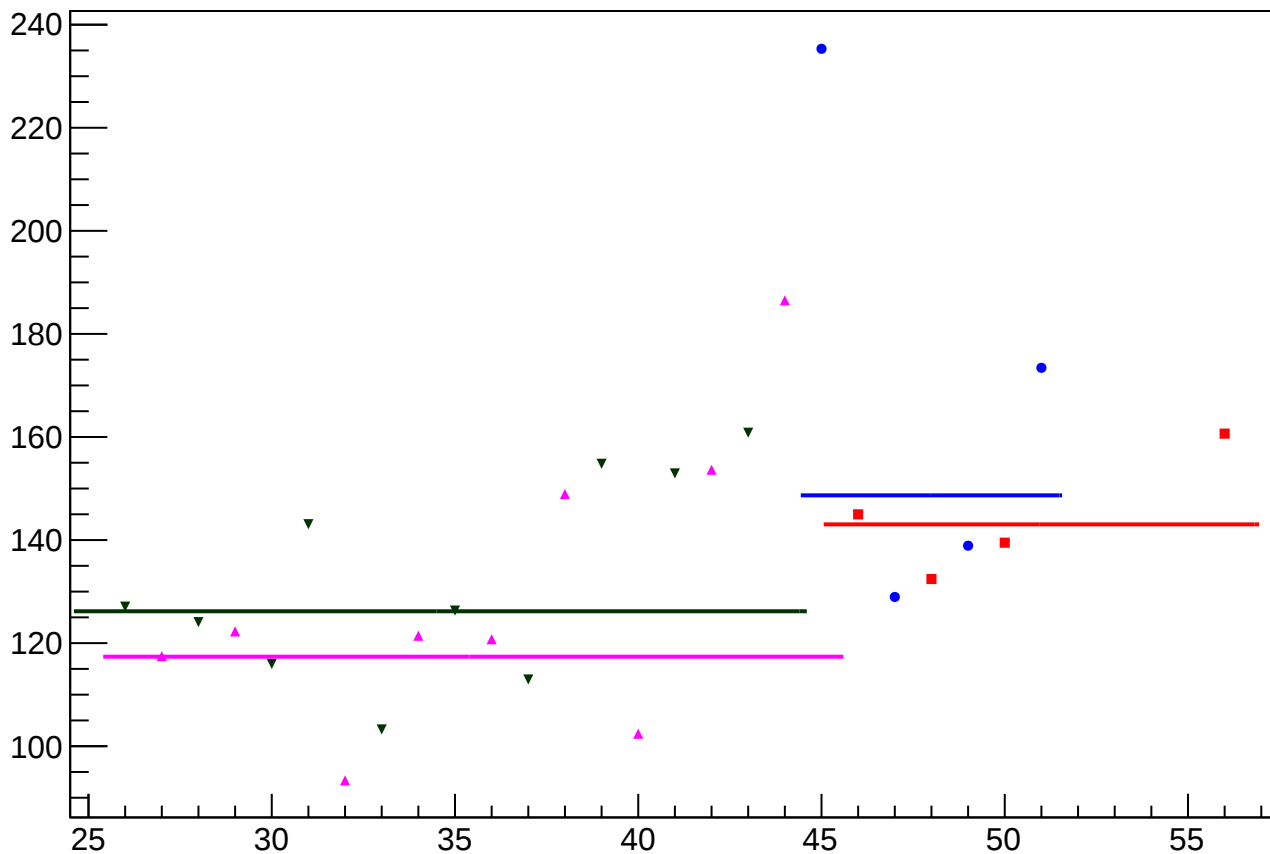
Right Out: 92.428+/-106.975 χ^2/NDF : 3.6/3

Left In: -14.653+/-50.783 χ^2/NDF : 0.7/8

68.494+/-50.041 χ^2/NDF : 29.2/13

5.040+/-45.876 χ^2/NDF : 5.1/12

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 148.675 ± 0.078 χ^2/NDF : 185522.5/3

Left Out: 126.184 ± 0.040 χ^2/NDF : 192128.0/9

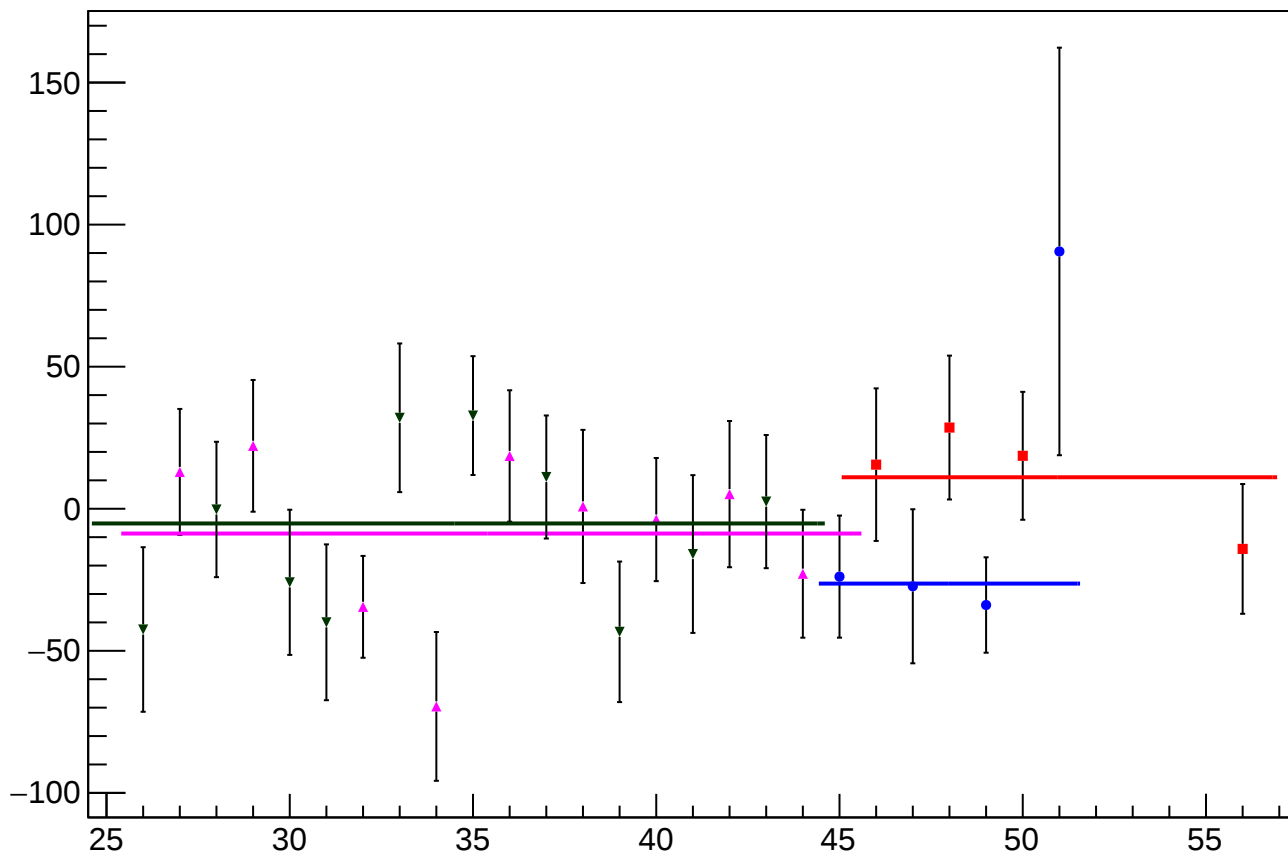
Right Out: 143.043 ± 0.076 χ^2/NDF : 17422.1/3

Left In: 117.367 ± 0.036 χ^2/NDF : 385462.1/8

130.843 ± 0.035 χ^2/NDF : 444009.8/13

122.089 ± 0.032 χ^2/NDF : 496915.0/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -26.337 ± 11.729 χ^2/NDF : 2.9/3

Left Out: -5.176 ± 7.796 χ^2/NDF : 12.5/9

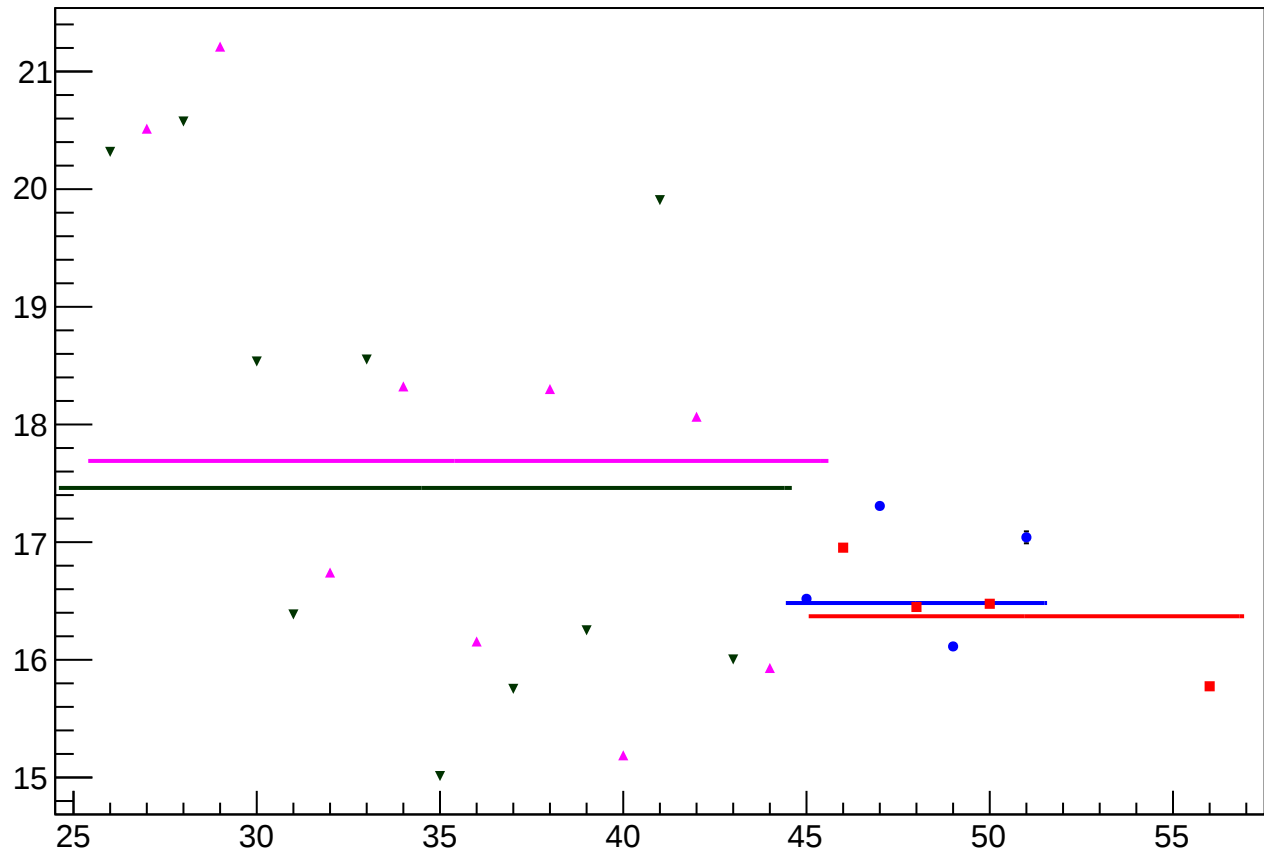
Right Out: 11.084 ± 12.093 χ^2/NDF : 1.8/3

Left In: -8.720 ± 7.598 χ^2/NDF : 12.5/8

-11.660 ± 6.493 χ^2/NDF : 17.6/13

-3.115 ± 6.433 χ^2/NDF : 16.2/12

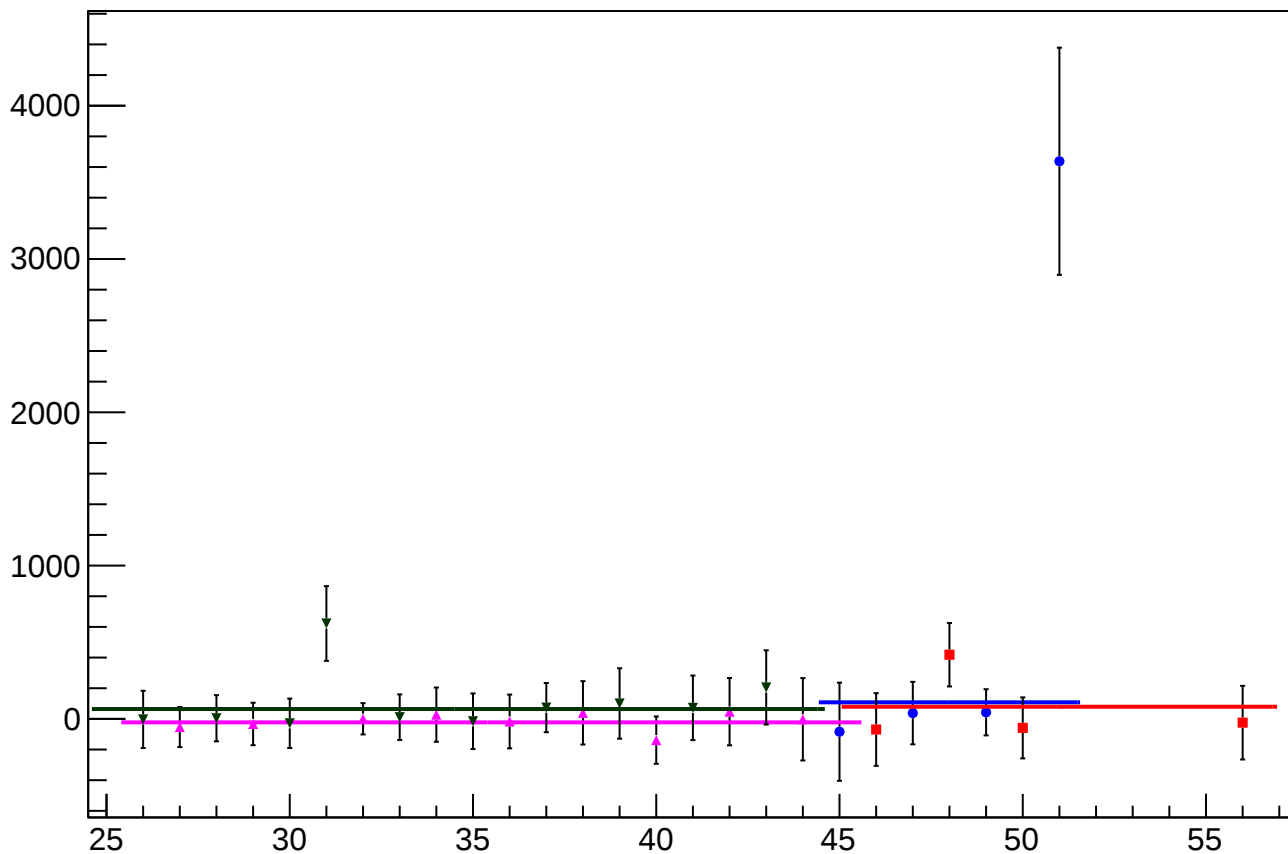
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.483 $\pm$ 0.008 χ^2 /NDF: 2944.3/3
 Left Out: 17.461 $\pm$ 0.006 χ^2 /NDF:131638.1/9
 Right Out: 16.370 $\pm$ 0.009 χ^2 /NDF: 2365.1/3
 Left In: 17.690 $\pm$ 0.005 χ^2 /NDF:134444.8/8

17.161 $\pm$ 0.005 χ^2 /NDF: 144227.8/13
 17.317 $\pm$ 0.005 χ^2 /NDF: 153897.7/12

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 107.968 ± 112.009 $\chi^2/\text{NDF}: 23.4/3$

Left Out: 64.255 ± 57.630 $\chi^2/\text{NDF}: 6.5/9$

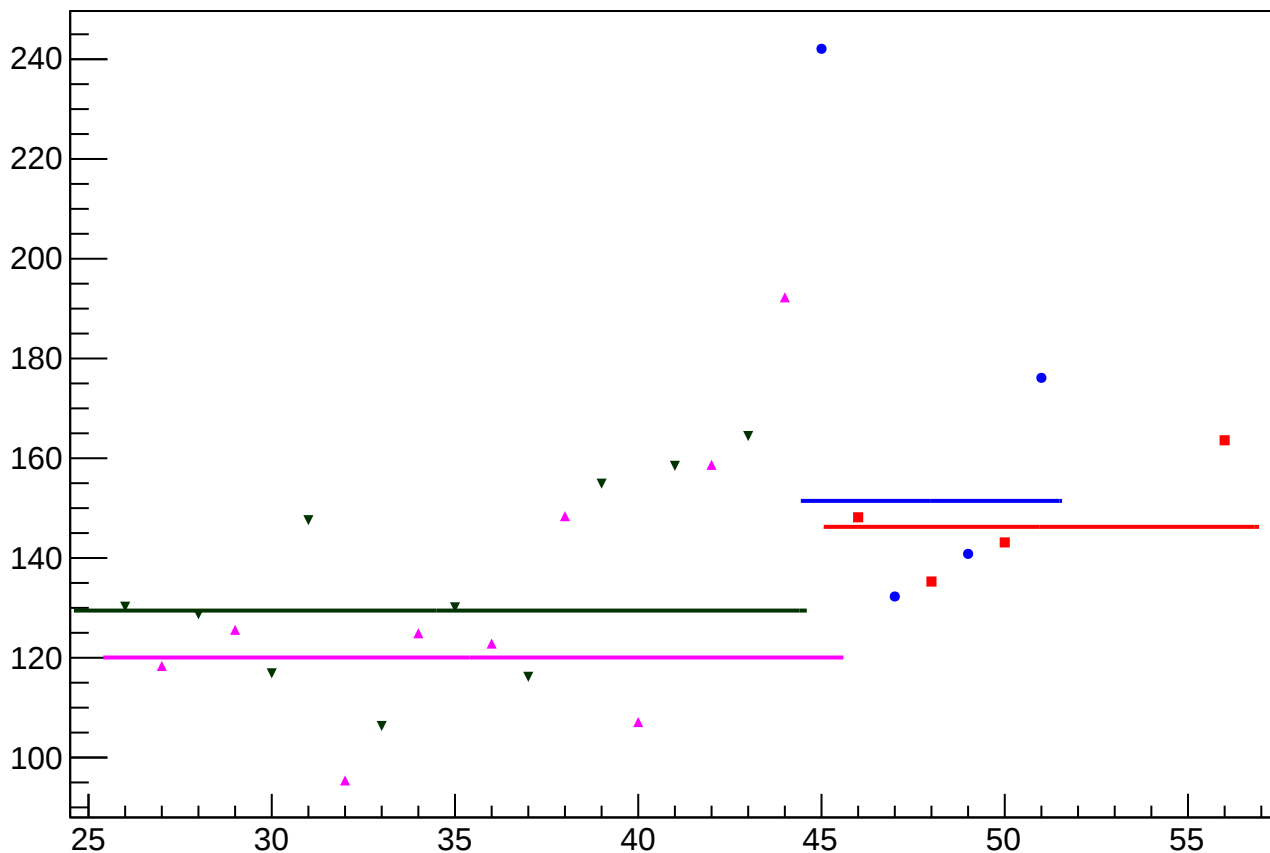
Right Out: 79.195 ± 109.312 $\chi^2/\text{NDF}: 3.7/3$

Left In: -22.721 ± 51.941 $\chi^2/\text{NDF}: 1.0/8$

73.405 ± 51.245 $\chi^2/\text{NDF}: 30.0/13$

-3.949 ± 46.914 $\chi^2/\text{NDF}: 5.4/12$

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 151.453+/-0.079 χ^2/NDF : 190165.6/3

Left Out: 129.462+/-0.041 χ^2/NDF : 189687.2/9

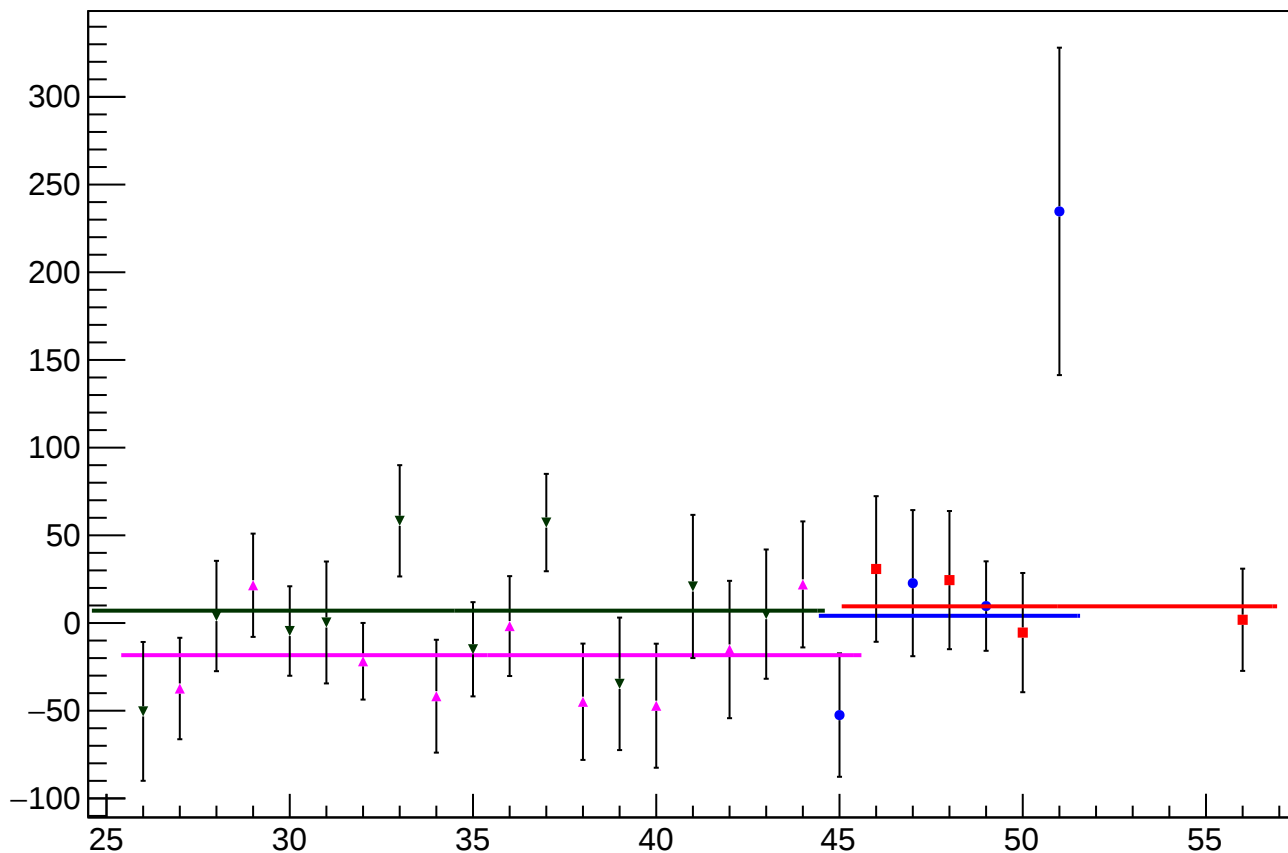
Right Out: 146.247+/-0.077 χ^2/NDF : 16674.7/3

Left In: 120.052+/-0.037 χ^2/NDF : 379795.5/8

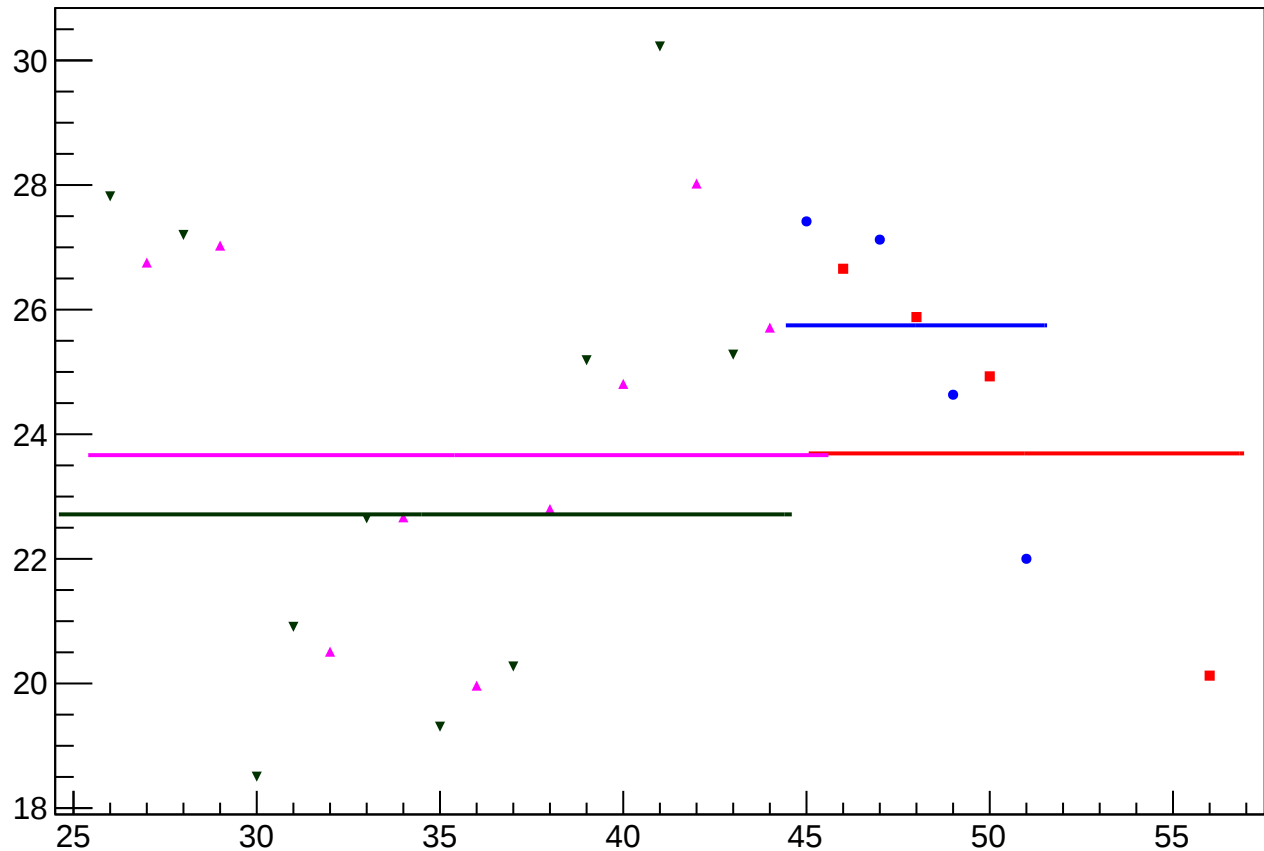
134.065+/-0.036 χ^2/NDF : 440810.1/13

124.877+/-0.033 χ^2/NDF : 490164.7/12

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.748 $\pm$ 0.013 χ^2 /NDF: 13709.5/3

Left Out: 22.714 $\pm$ 0.007 χ^2 /NDF: 267334.5/9

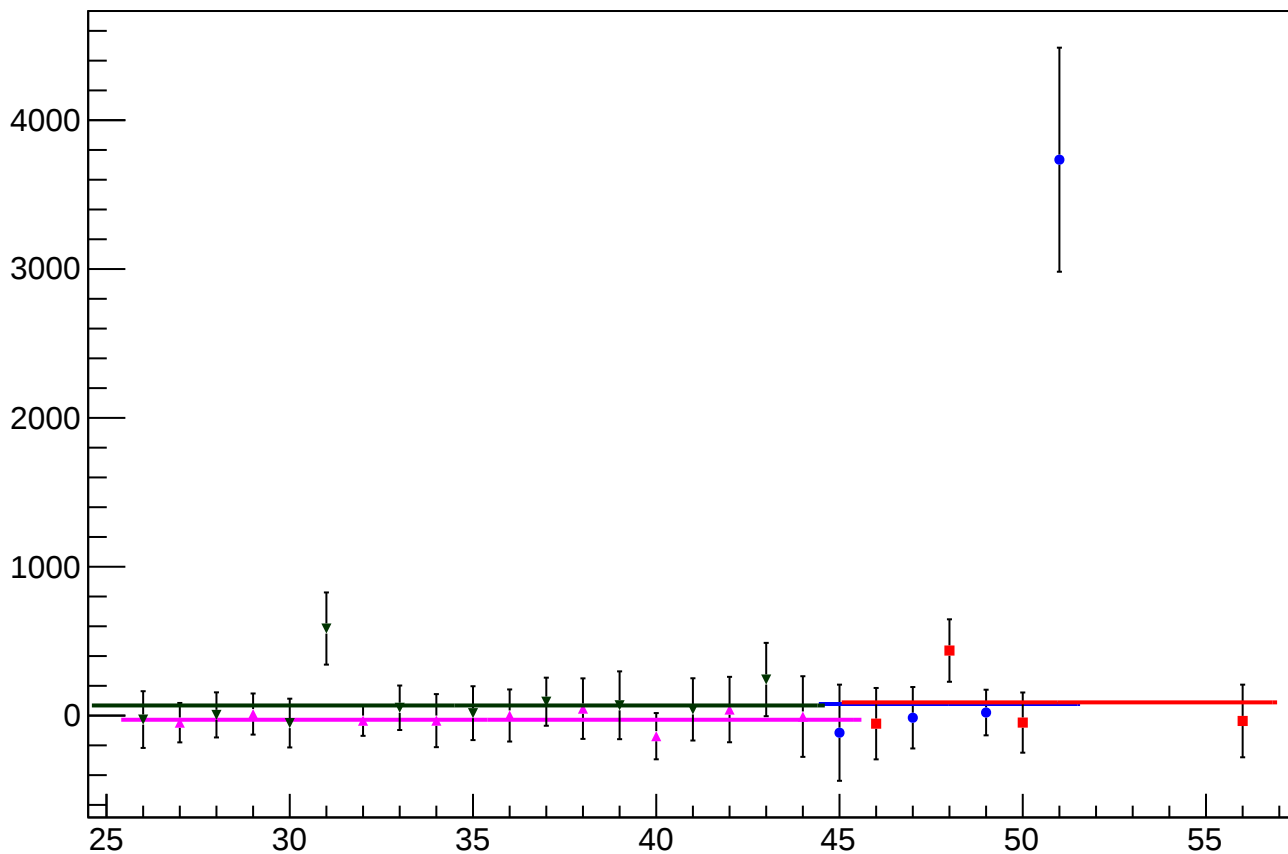
Right Out: 23.693 $\pm$ 0.012 χ^2 /NDF: 48971.4/3

Left In: 23.665 $\pm$ 0.007 χ^2 /NDF: 161021.9/8

23.436 $\pm$ 0.006 χ^2 /NDF: 323619.6/13

23.672 $\pm$ 0.006 χ^2 /NDF: 209997.1/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 77.863+/-113.641 χ^2/NDF : 24.3/3

Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

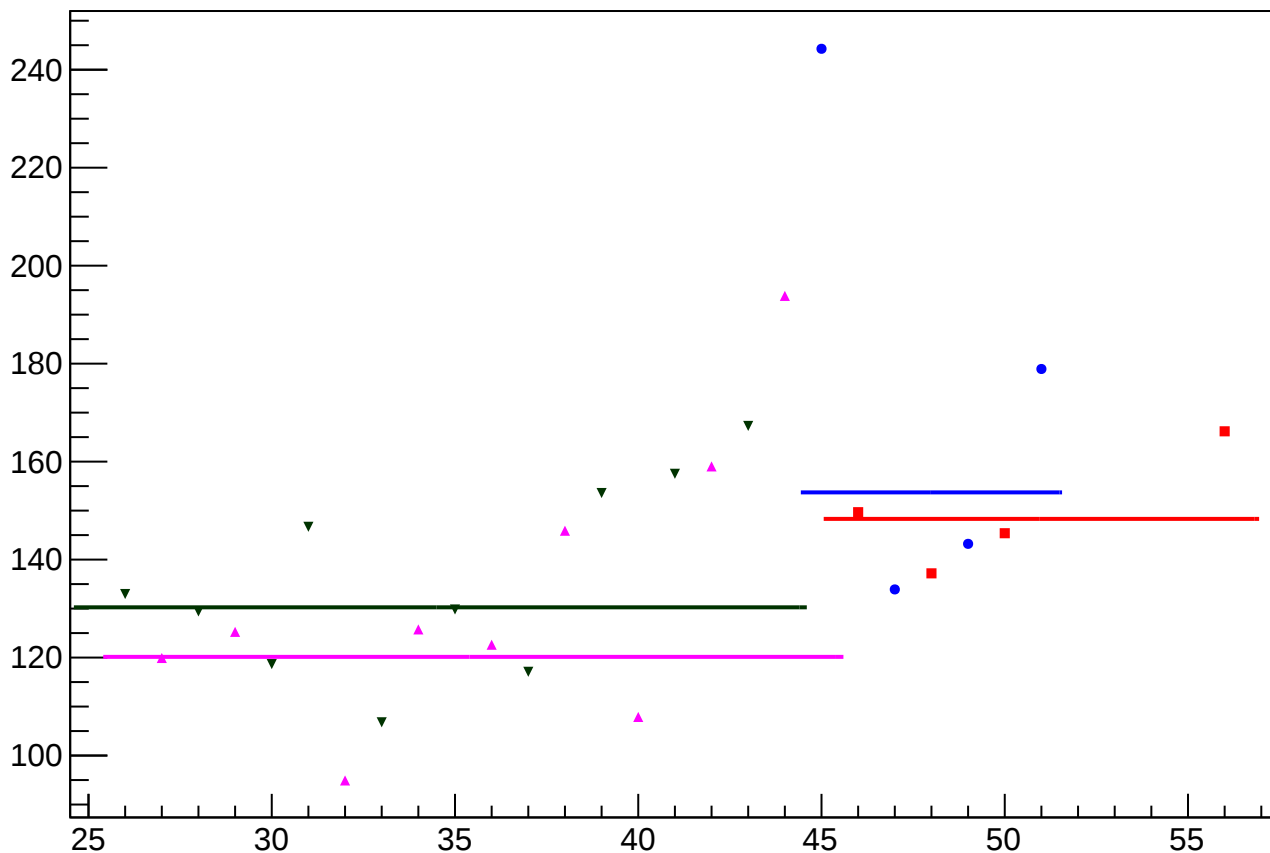
Right Out: 88.823+/-110.872 χ^2/NDF : 3.8/3

Left In: -27.981+/-51.982 χ^2/NDF : 0.9/8

70.083+/-51.631 χ^2/NDF : 30.4/13

-6.933+/-47.066 χ^2/NDF : 5.6/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 153.719 $\pm$ 0.080 χ^2 /NDF: 187279.9/3

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF:182492.6/9

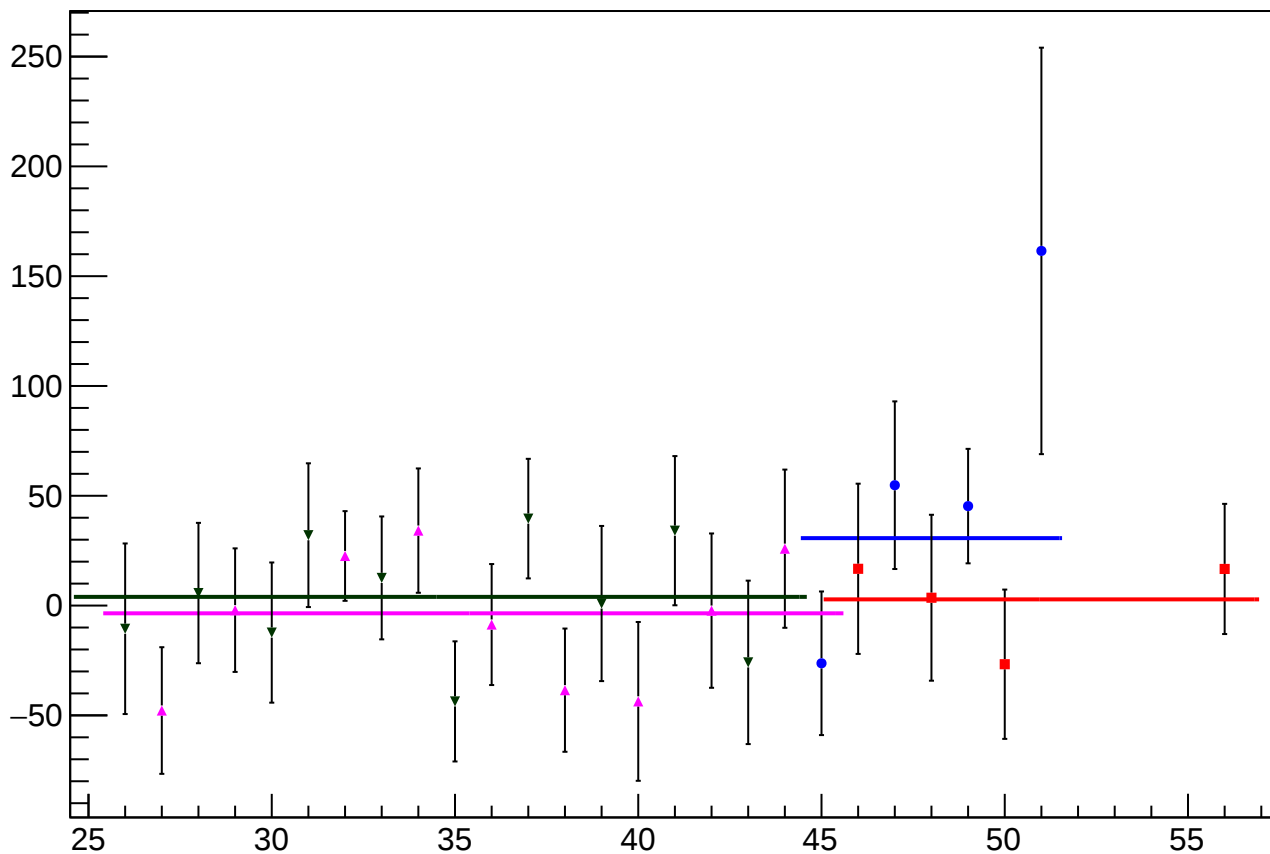
Right Out: 148.310 $\pm$ 0.078 χ^2 /NDF: 16829.4/3

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF:383181.0/8

135.100 $\pm$ 0.037 χ^2 /NDF: 437424.7/13

125.220 $\pm$ 0.033 χ^2 /NDF: 505818.0/12

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 30.708 $\pm$ 17.649 χ^2 /NDF: 5.7/3

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

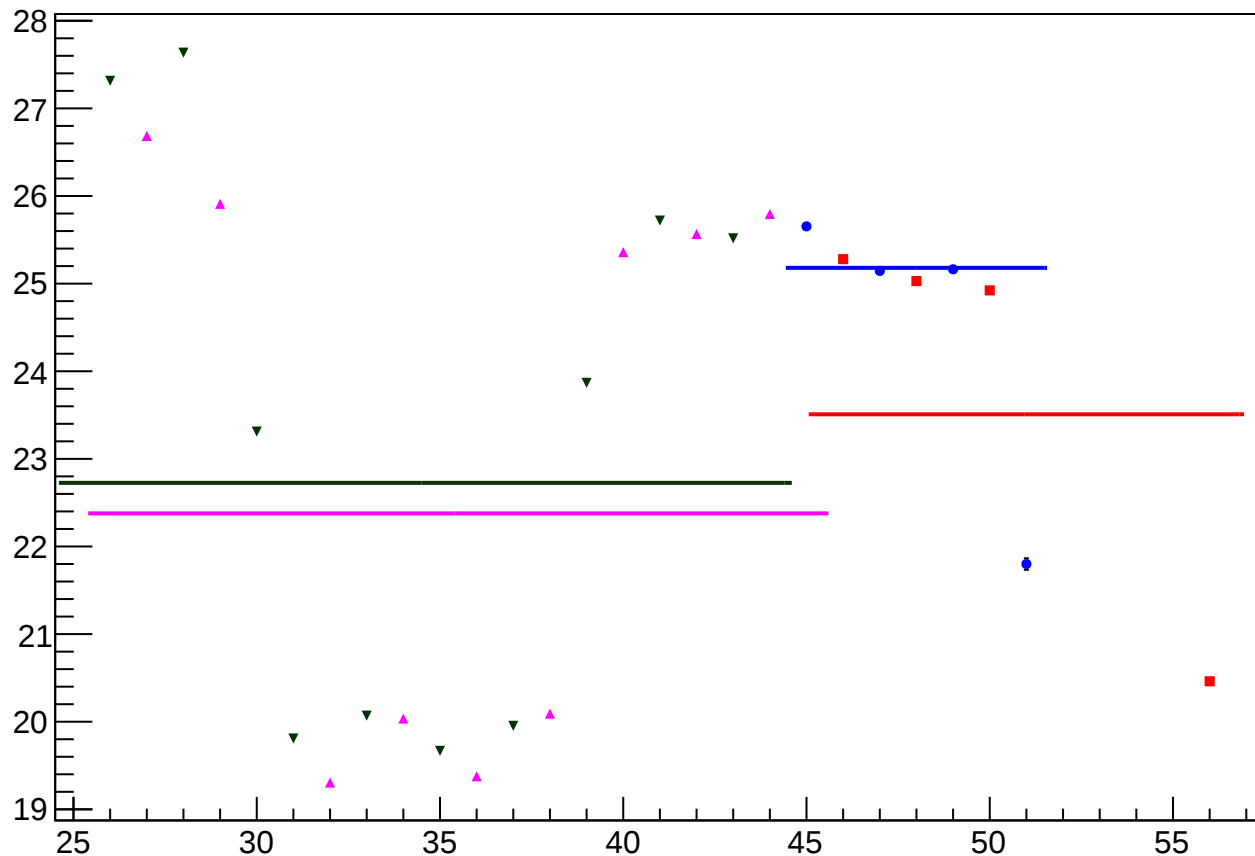
Right Out: 2.821 $\pm$ 17.227 χ^2 /NDF: 1.1/3

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

10.506 $\pm$ 8.731 χ^2 /NDF: 14.9/13

-2.044 $\pm$ 8.329 χ^2 /NDF: 10.5/12

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.180 $\pm$ 0.012 χ^2/NDF : 3089.7/3

Left Out: 22.726 $\pm$ 0.007 χ^2/NDF : 184323.0/9

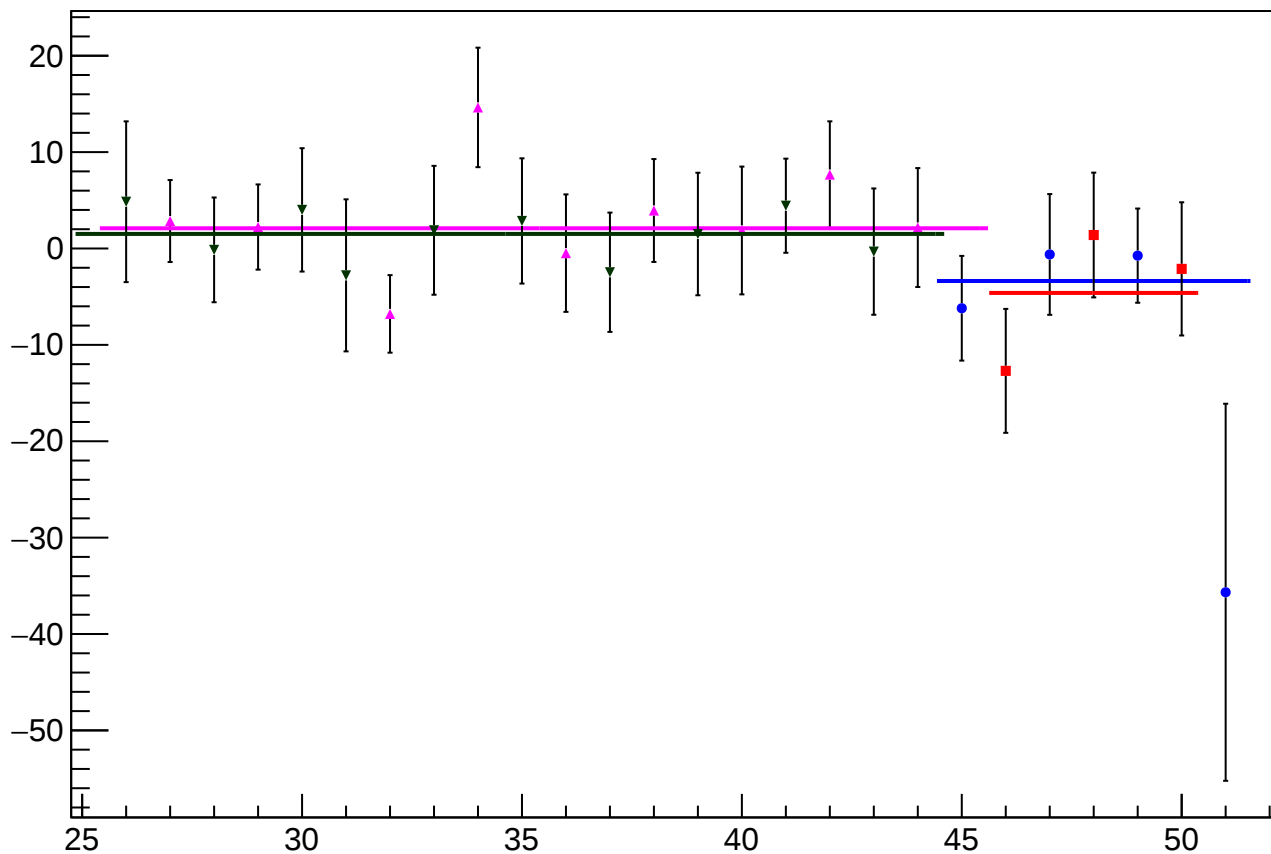
Right Out: 23.509 $\pm$ 0.012 χ^2/NDF : 32016.3/3

Left In: 22.378 $\pm$ 0.007 χ^2/NDF : 220187.8/8

23.327 $\pm$ 0.006 χ^2/NDF : 216612.2/13

22.642 $\pm$ 0.006 χ^2/NDF : 258808.4/12

diff_bpm12X_mean vs slug



Right In: -3.372 ± 3.103 χ^2/NDF : 3.5/3

Left Out: 1.512 ± 1.997 χ^2/NDF : 1.6/9

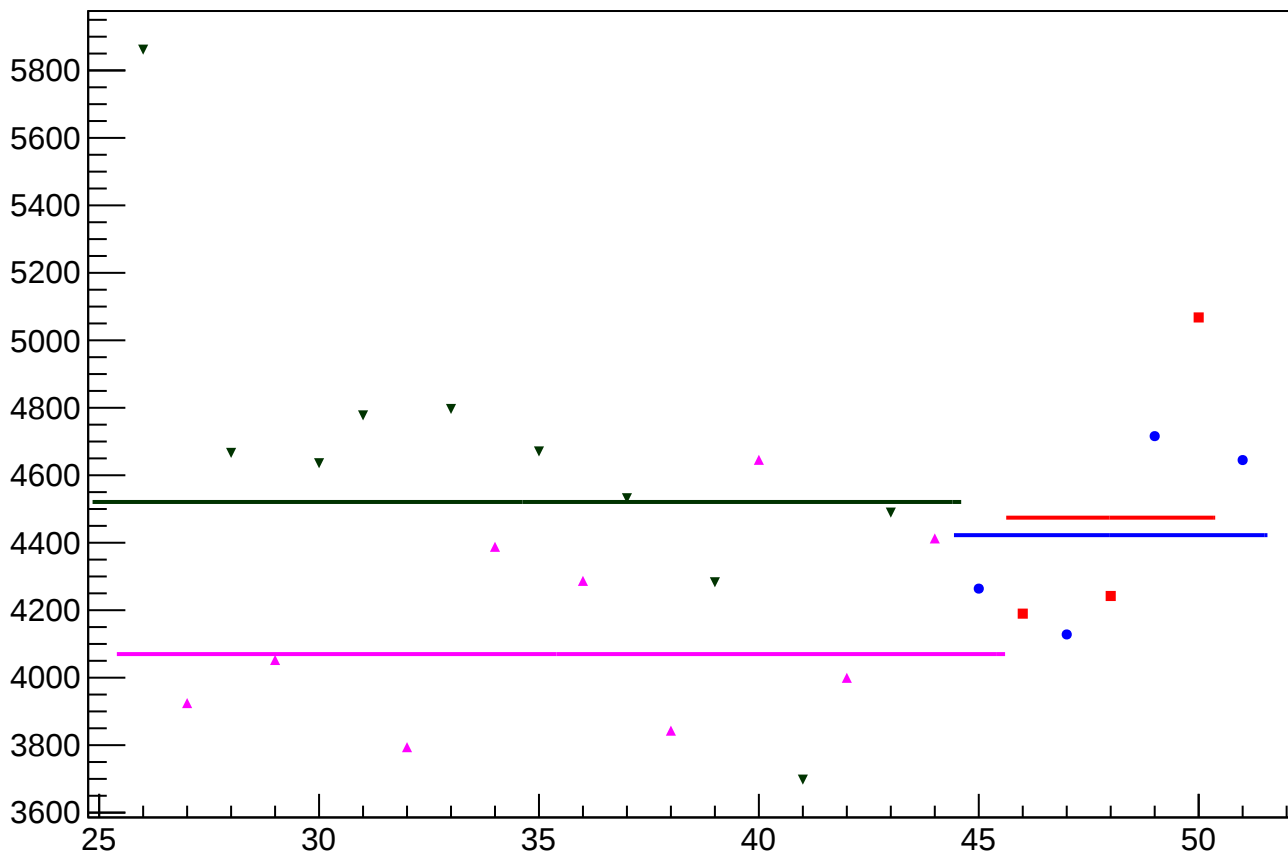
Right Out: -4.611 ± 3.807 χ^2/NDF : 2.6/2

Left In: 2.097 ± 1.720 χ^2/NDF : 10.3/8

0.082 ± 1.679 χ^2/NDF : 6.8/13

0.960 ± 1.567 χ^2/NDF : 15.5/11

diff_bpm12X_rms vs slug



Right In: 4422.466+/-2.194 χ^2/NDF : 13586.8/3

Left Out: 4520.844+/-1.412 χ^2/NDF : 119990.0/9

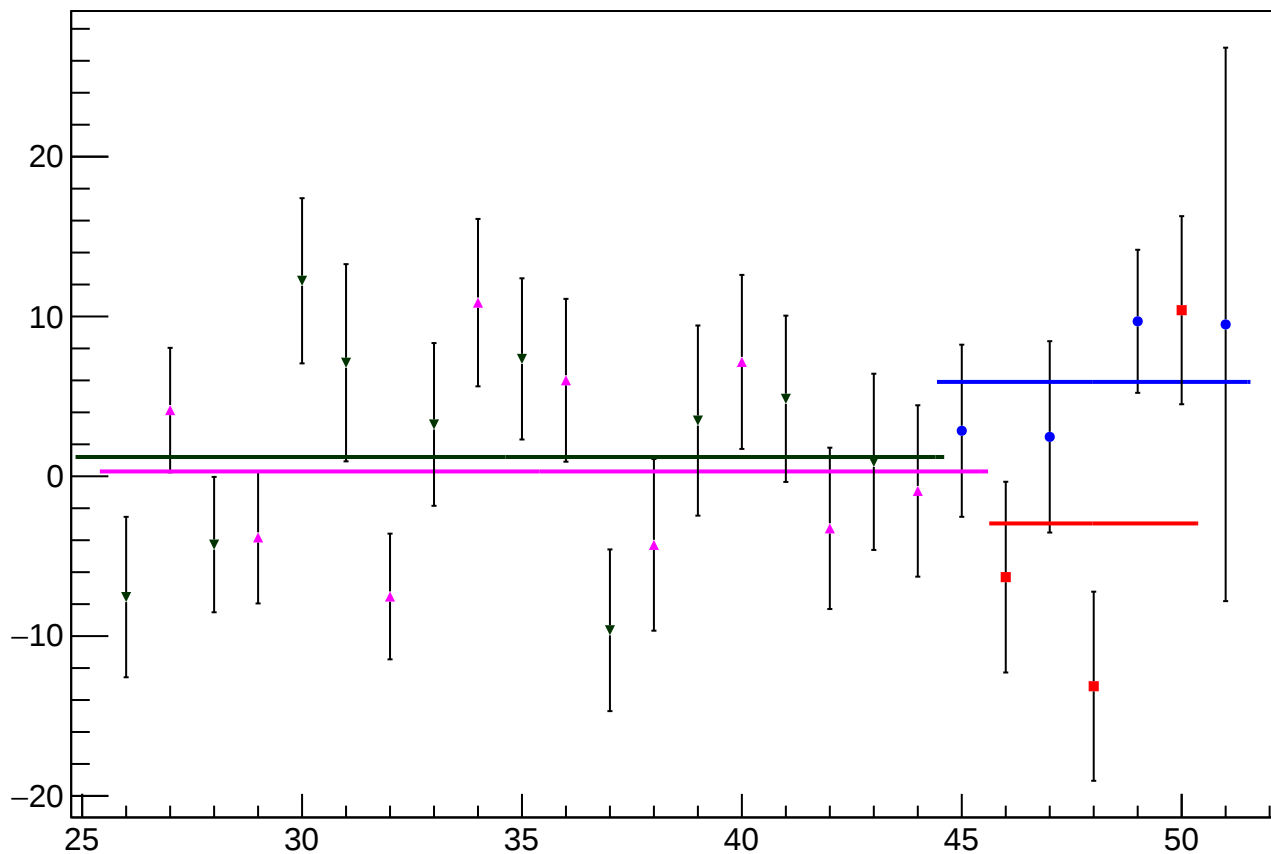
Right Out: 4474.335+/-2.692 χ^2/NDF : 21240.8/2

Left In: 4069.946+/-1.216 χ^2/NDF : 44773.6/8

4492.044+/-1.187 χ^2/NDF : 134998.3/13

4138.502+/-1.108 χ^2/NDF : 84757.3/11

diff_bpm12Y_mean vs slug



Right In: 5.906 ± 2.941 χ^2/NDF : 1.4/3

Left Out: 1.206 ± 1.635 χ^2/NDF : 17.1/9

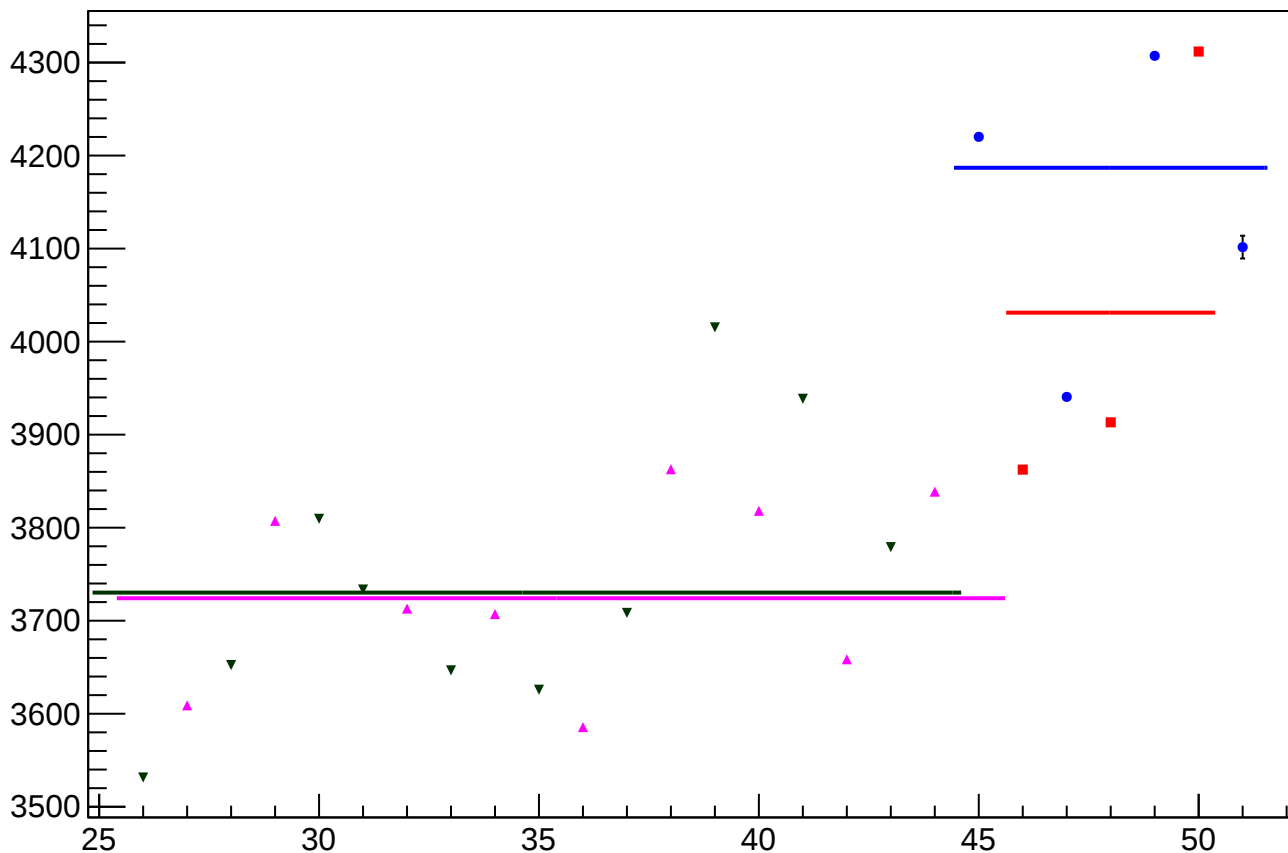
Right Out: -2.951 ± 3.420 χ^2/NDF : 8.4/2

Left In: 0.303 ± 1.568 χ^2/NDF : 14.1/8

2.316 ± 1.429 χ^2/NDF : 20.4/13

-0.263 ± 1.426 χ^2/NDF : 23.3/11

diff_bpm12Y_rms vs slug



Right In: 4186.883+/-2.079 χ^2/NDF : 4955.8/3

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

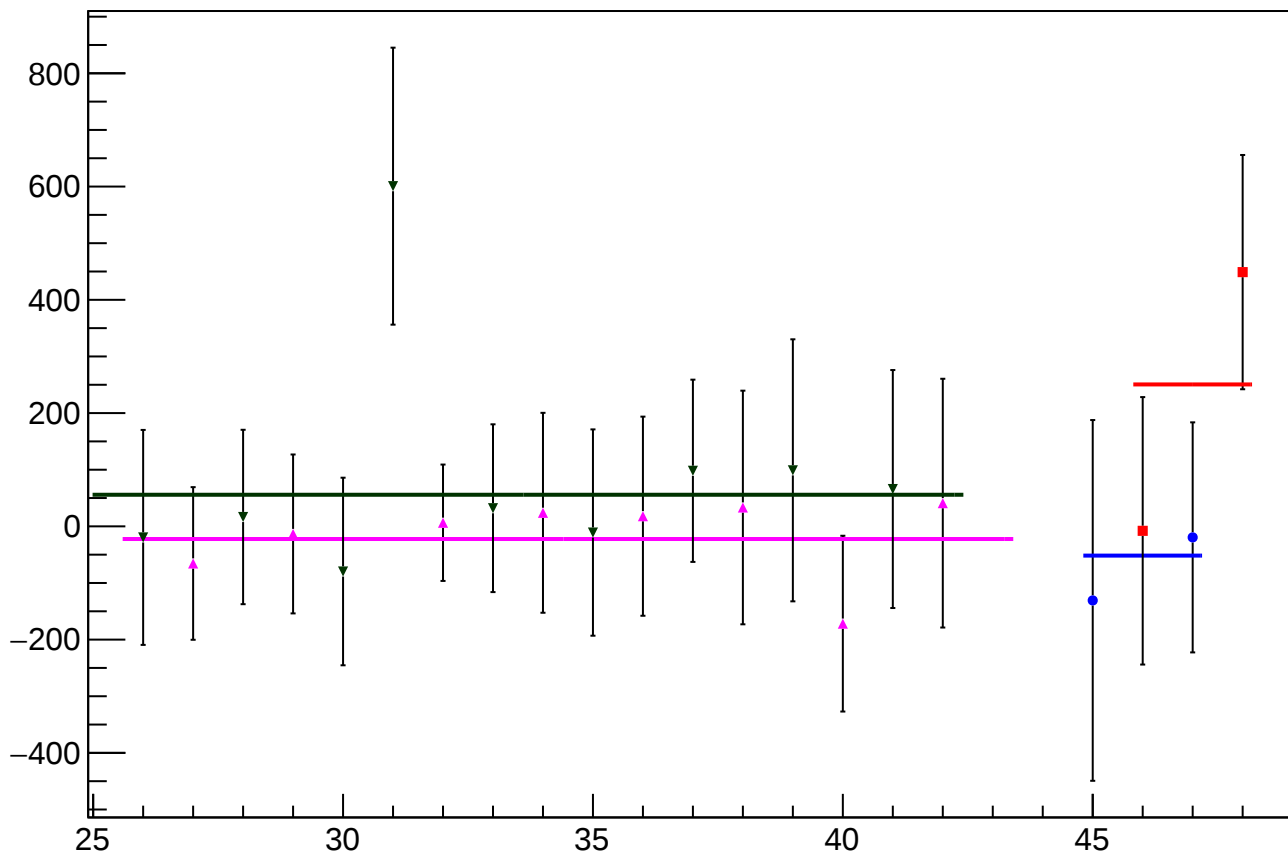
Right Out: 4031.129+/-2.418 χ^2/NDF : 6941.7/2

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3838.041+/-1.010 χ^2/NDF : 55470.7/13

3777.516+/-1.008 χ^2/NDF : 27508.7/11

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659+/-171.258 χ^2/NDF : 0.1/1

Left Out: 55.788+/-59.892 χ^2/NDF : 6.1/8

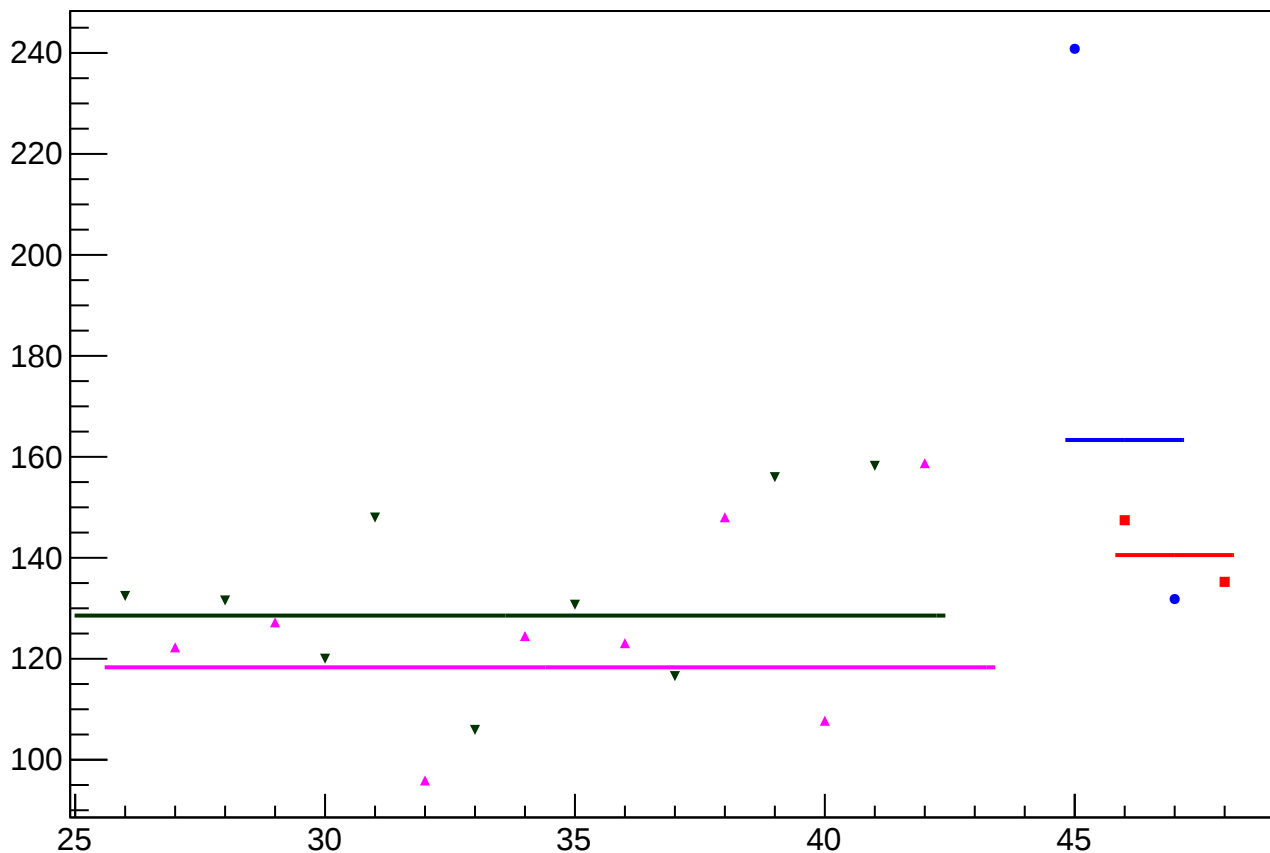
Right Out: 250.594+/-155.594 χ^2/NDF : 2.1/1

Left In: -22.351+/-53.393 χ^2/NDF : 1.4/7

44.079+/-56.535 χ^2/NDF : 6.6/10

6.403+/-50.502 χ^2/NDF : 6.3/9

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340 $\pm$ 0.121 χ^2 /NDF: 166487.1/1

Left Out: 128.560 $\pm$ 0.042 χ^2 /NDF: 145575.3/8

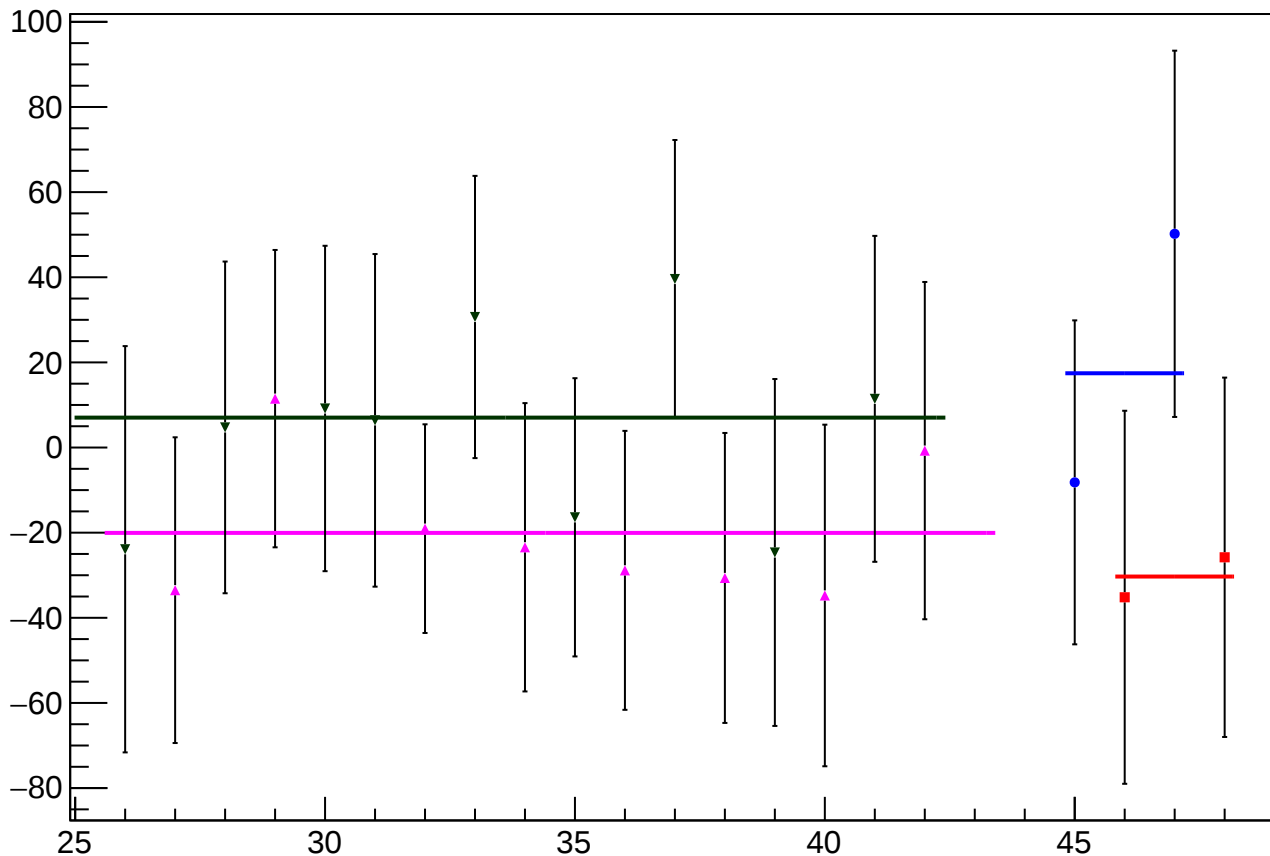
Right Out: 140.541 $\pm$ 0.110 χ^2 /NDF: 3022.7/1

Left In: 118.311 $\pm$ 0.038 χ^2 /NDF: 227483.3/7

132.350 $\pm$ 0.040 χ^2 /NDF: 385559.7/10

120.652 $\pm$ 0.036 χ^2 /NDF: 267030.1/9

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

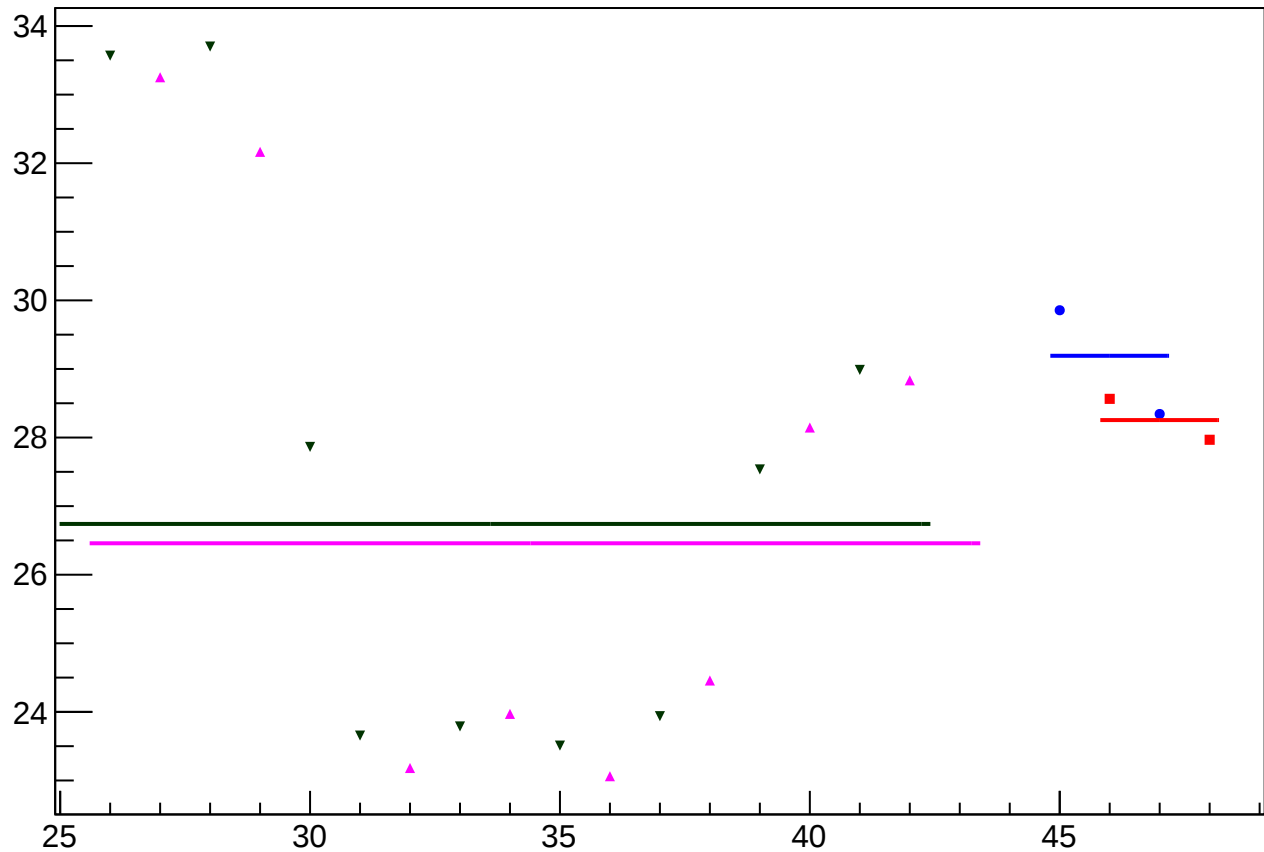
Right Out: -30.306 $\pm$ 30.400 χ^2/NDF : 0.0/1

Left In: -20.053 $\pm$ 11.799 χ^2/NDF : 1.5/7

8.686 $\pm$ 11.369 χ^2/NDF : 4.2/10

-21.395 $\pm$ 10.999 χ^2/NDF : 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

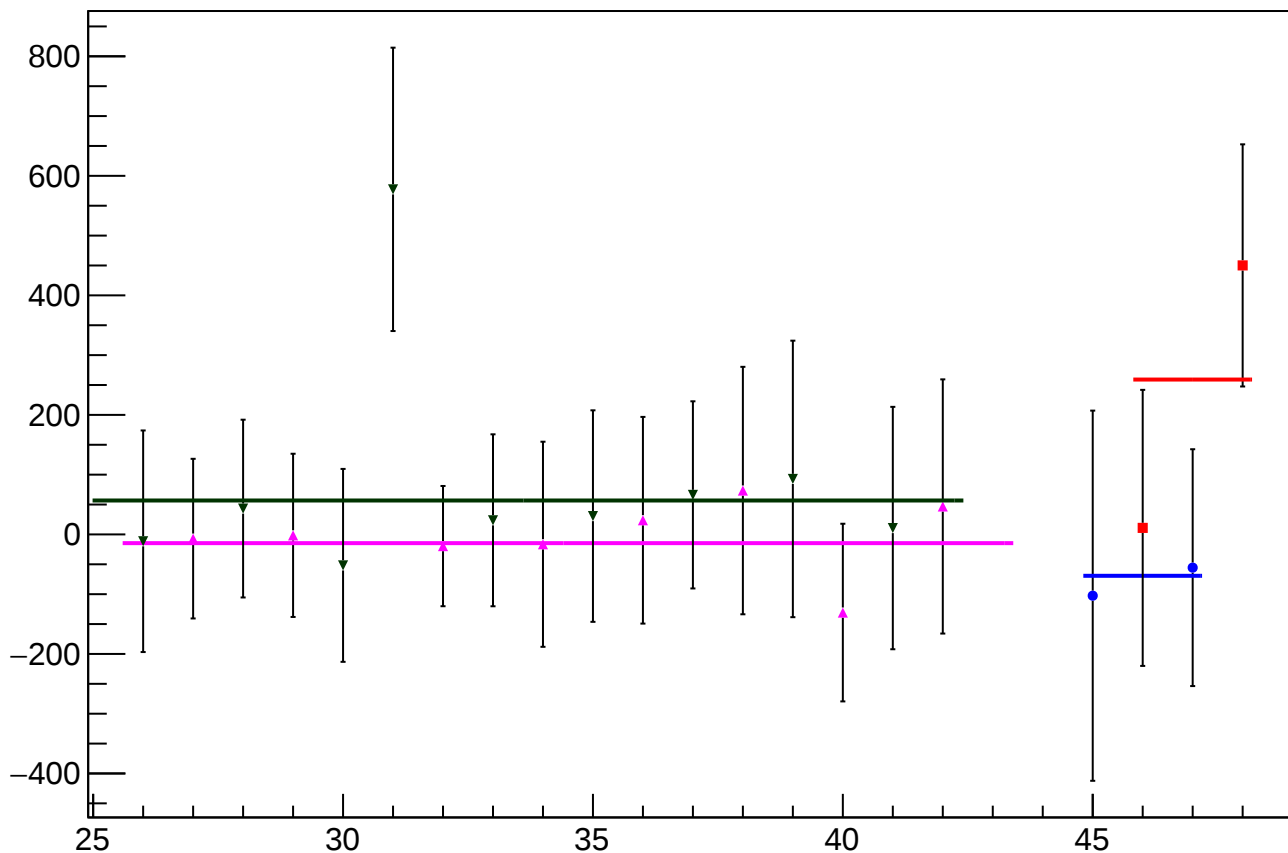
Right Out: 28.255 $\pm$ 0.021 χ^2/NDF : 192.3/1

Left In: 26.458 $\pm$ 0.008 χ^2/NDF : 210657.2/7

27.130 $\pm$ 0.008 χ^2/NDF : 190601.8/10

26.693 $\pm$ 0.008 χ^2/NDF : 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

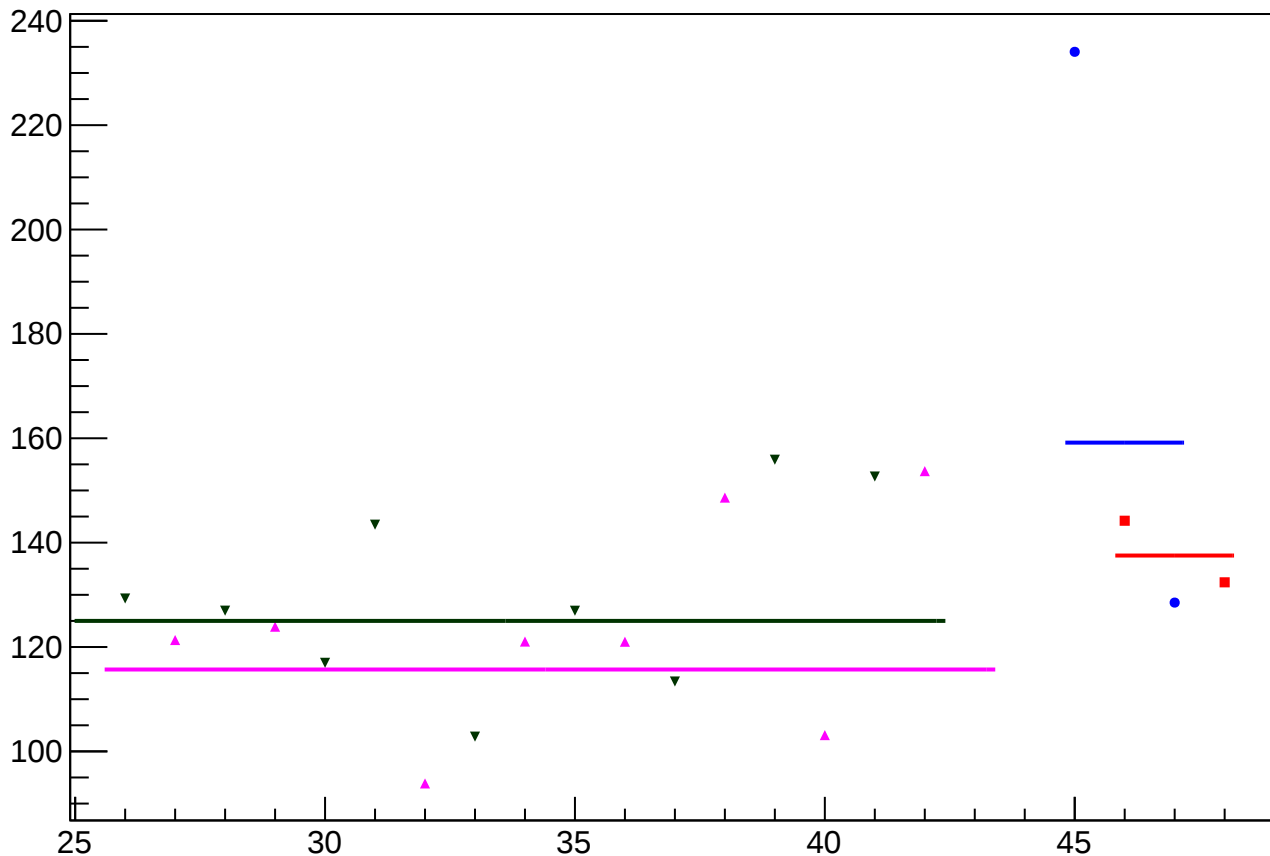
Right Out: 259.134 $\pm$ 152.302 χ^2/NDF : 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2/NDF : 0.9/7

43.074 $\pm$ 55.012 χ^2/NDF : 6.1/10

14.199 $\pm$ 49.403 χ^2/NDF : 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167 $\pm$ 0.118 χ^2 /NDF: 164807.4/1

Left Out: 125.005 $\pm$ 0.041 χ^2 /NDF: 150125.6/8

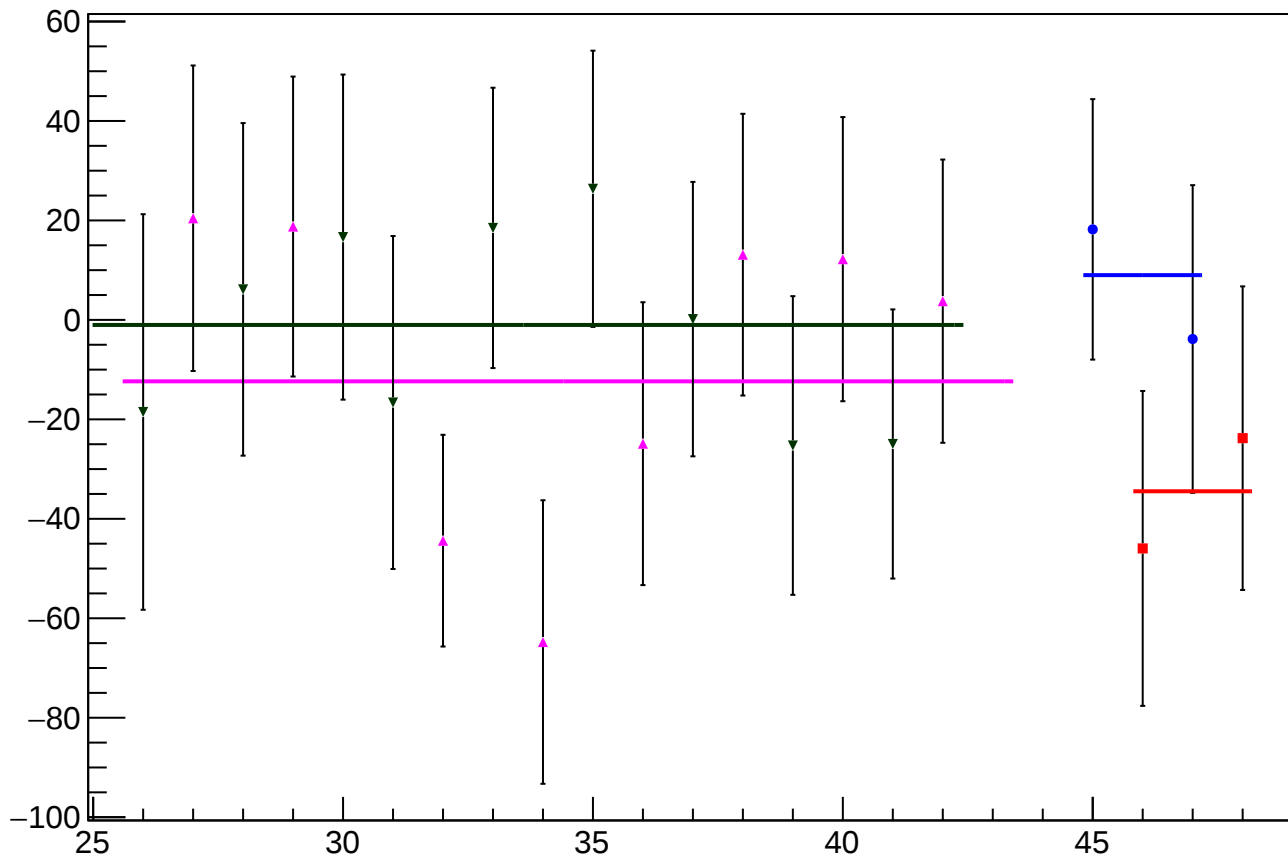
Right Out: 137.529 $\pm$ 0.108 χ^2 /NDF: 2951.2/1

Left In: 115.690 $\pm$ 0.037 χ^2 /NDF: 237670.3/7

128.716 $\pm$ 0.039 χ^2 /NDF: 389614.7/10

117.988 $\pm$ 0.035 χ^2 /NDF: 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

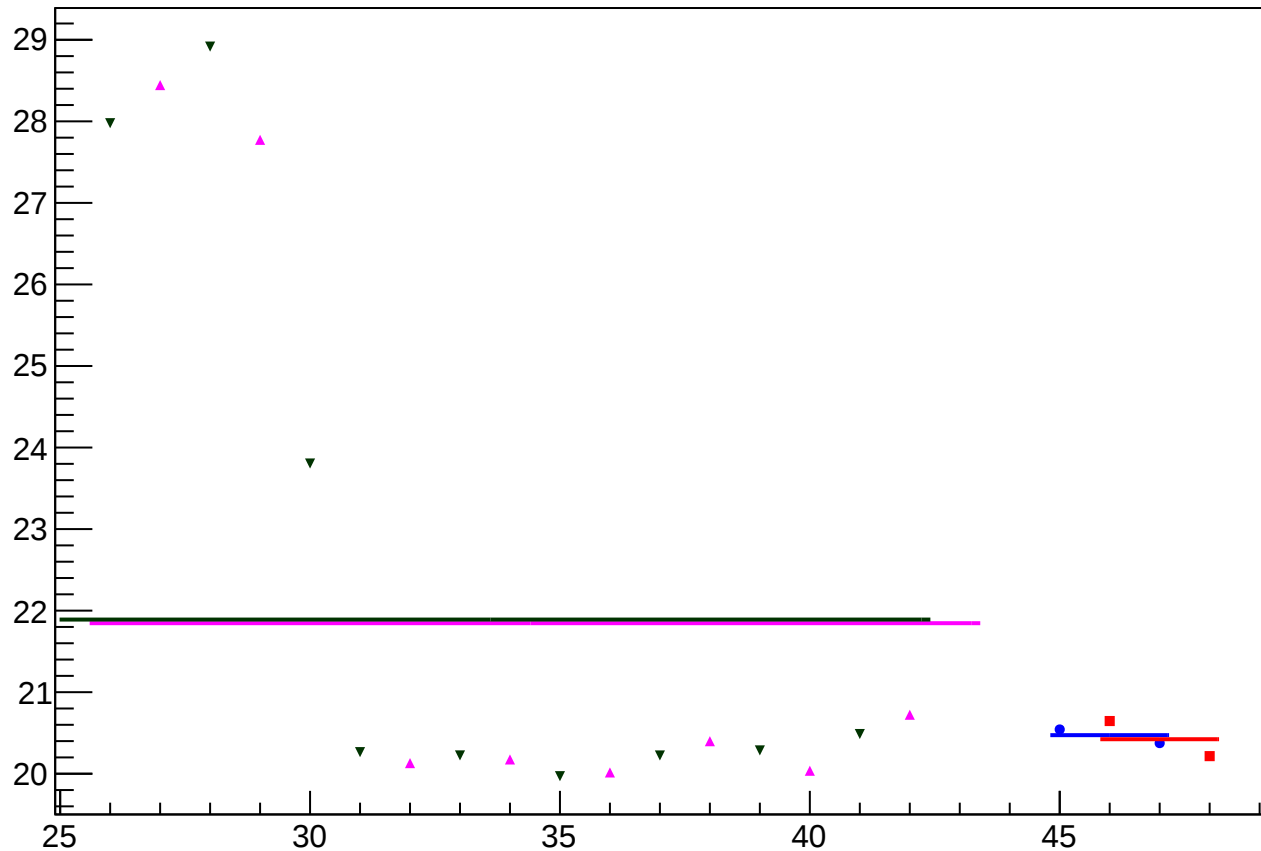
Right Out: -34.463 $\pm$ 21.974 χ^2 /NDF: 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2 /NDF: 9.9/7

1.038 $\pm$ 9.053 χ^2 /NDF: 4.1/10

-15.987 $\pm$ 8.906 χ^2 /NDF: 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

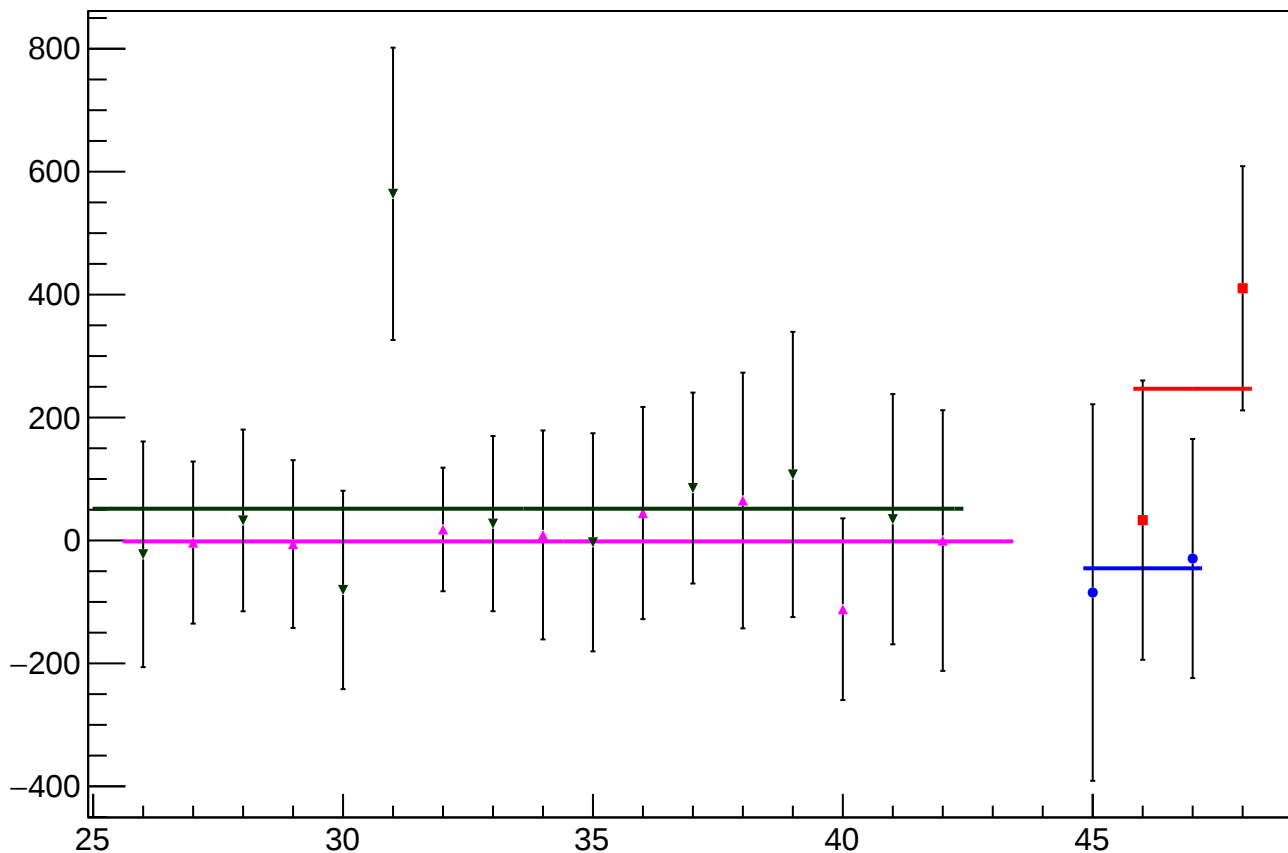
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

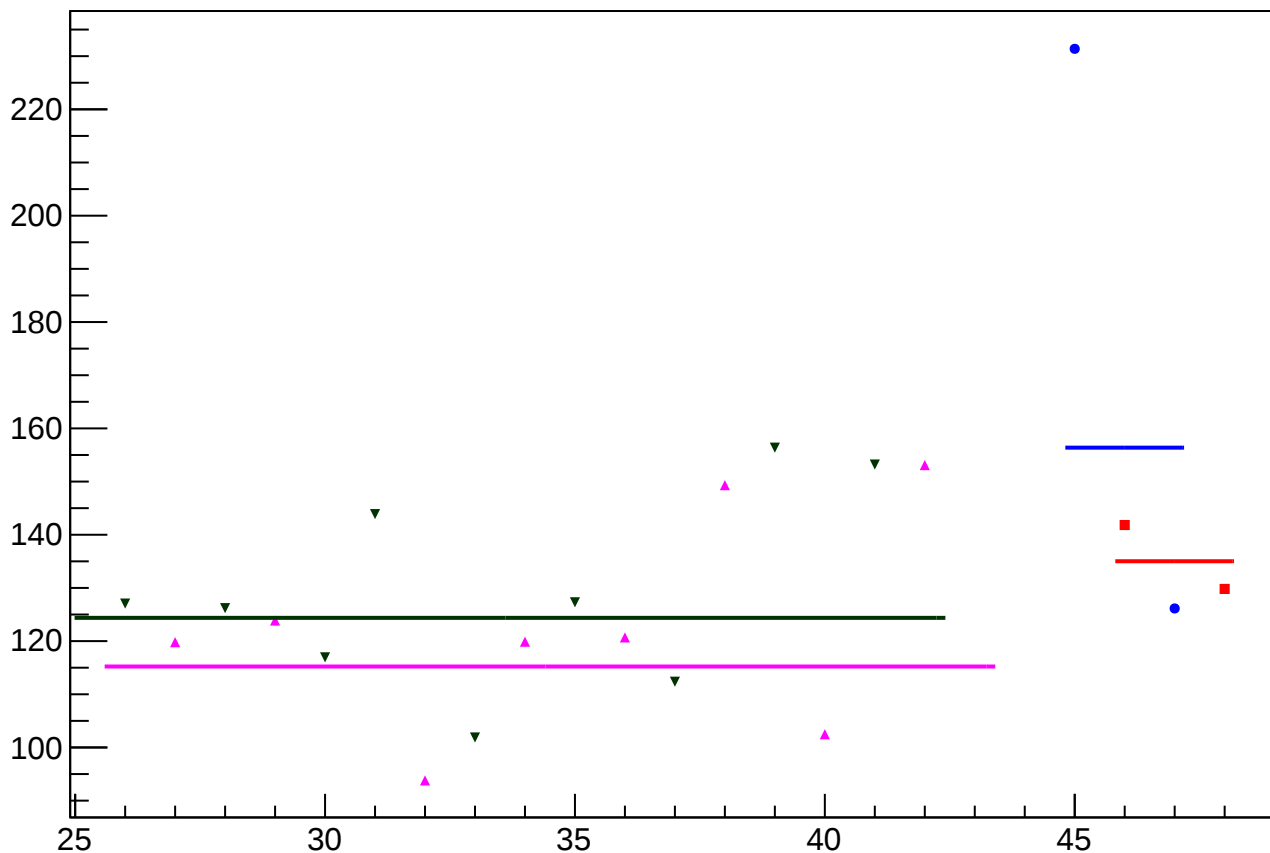
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF: 0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

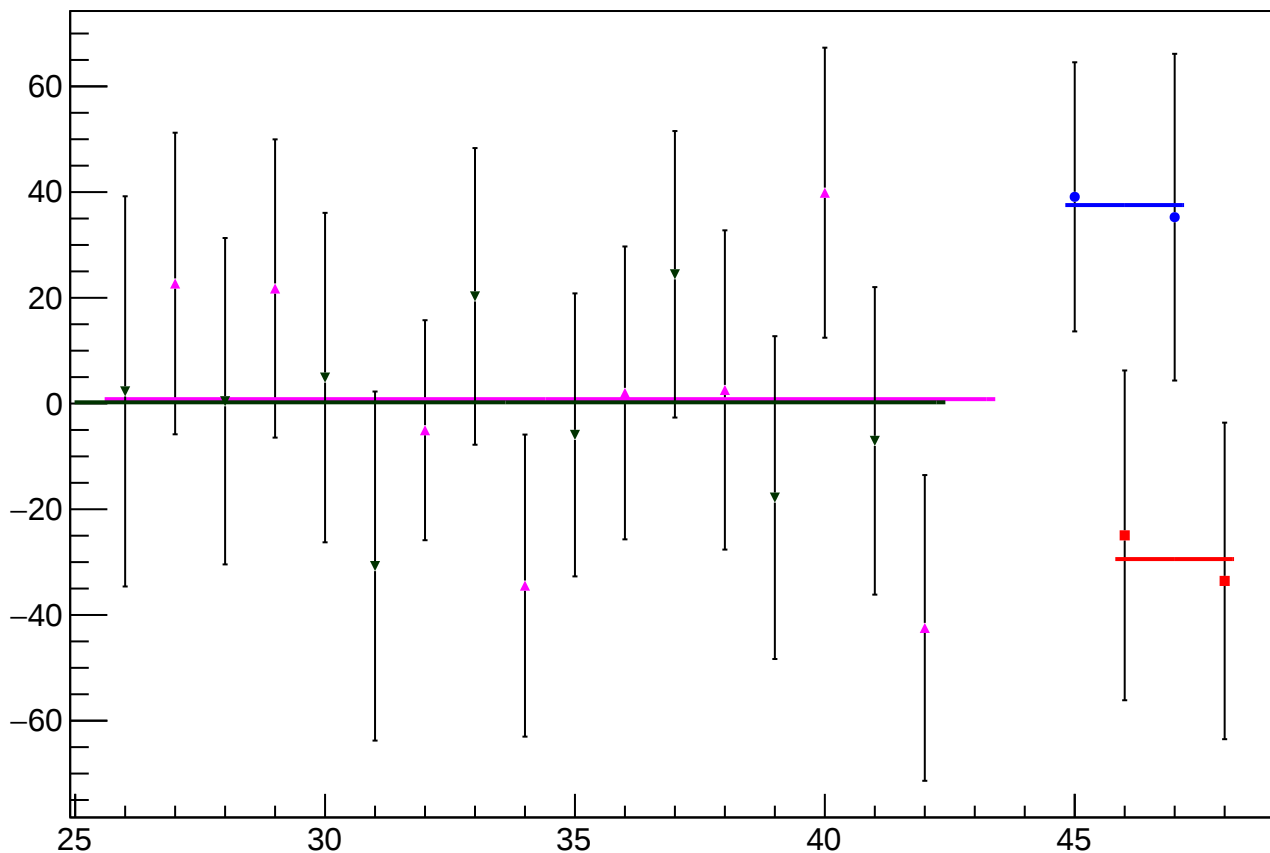
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

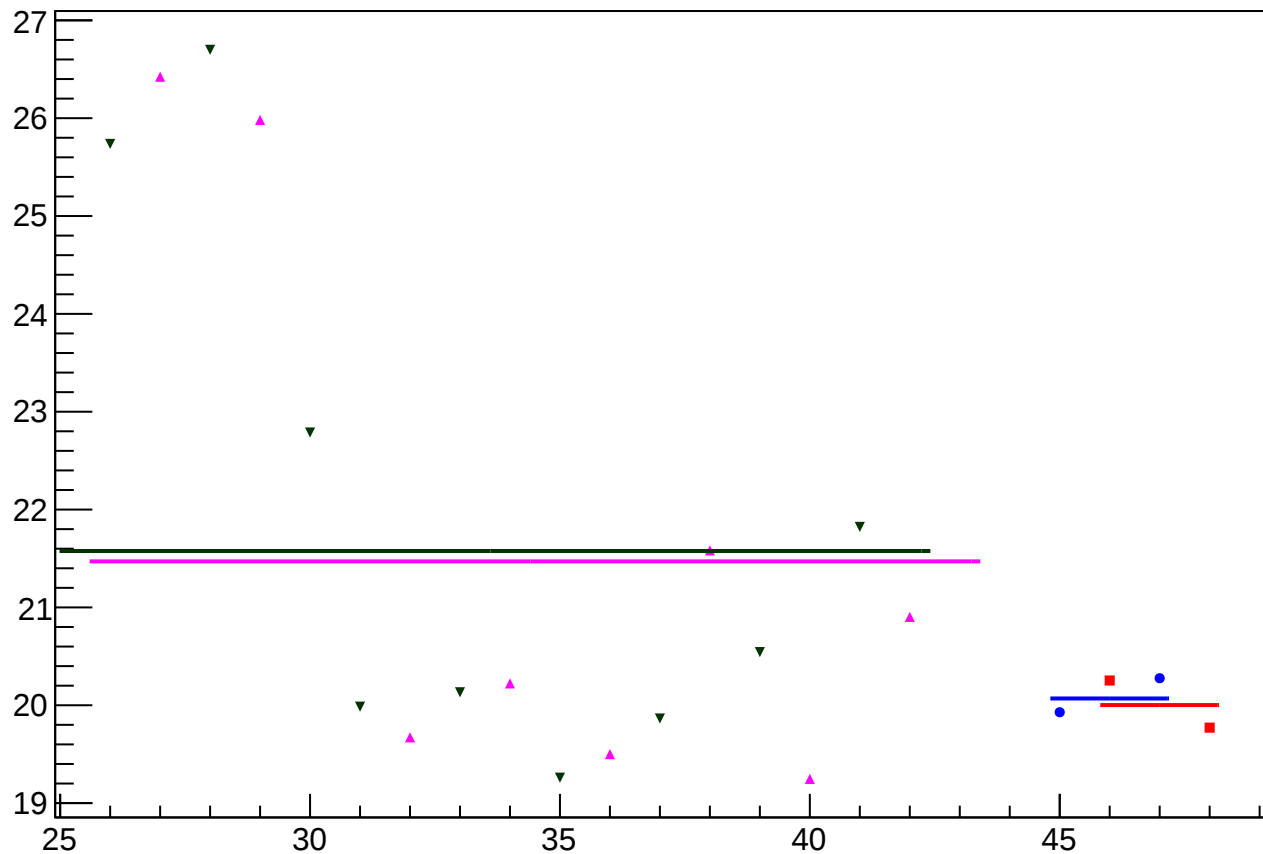
Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

7.902+/-8.908 χ^2/NDF : 5.6/10

-4.125+/-8.742 χ^2/NDF : 8.7/9

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 $\pm$ 0.014 χ^2 /NDF: 150.7/1

Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF: 118812.1/8

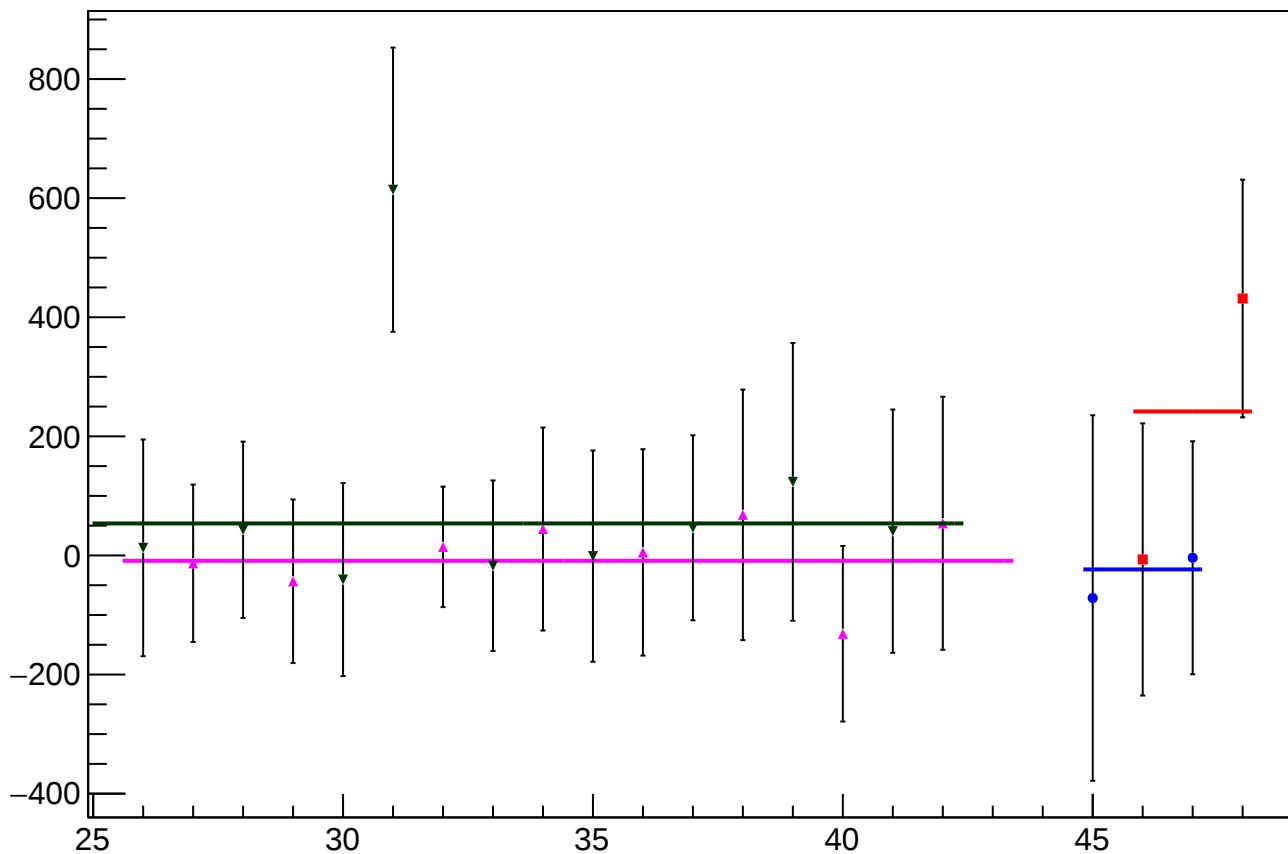
Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 248.4/1

Left In: 21.471 $\pm$ 0.007 χ^2 /NDF: 154241.5/7

21.267 $\pm$ 0.006 χ^2 /NDF: 128313.3/10

21.230 $\pm$ 0.006 χ^2 /NDF: 162220.1/9

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2 /NDF: 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF: 6.3/8

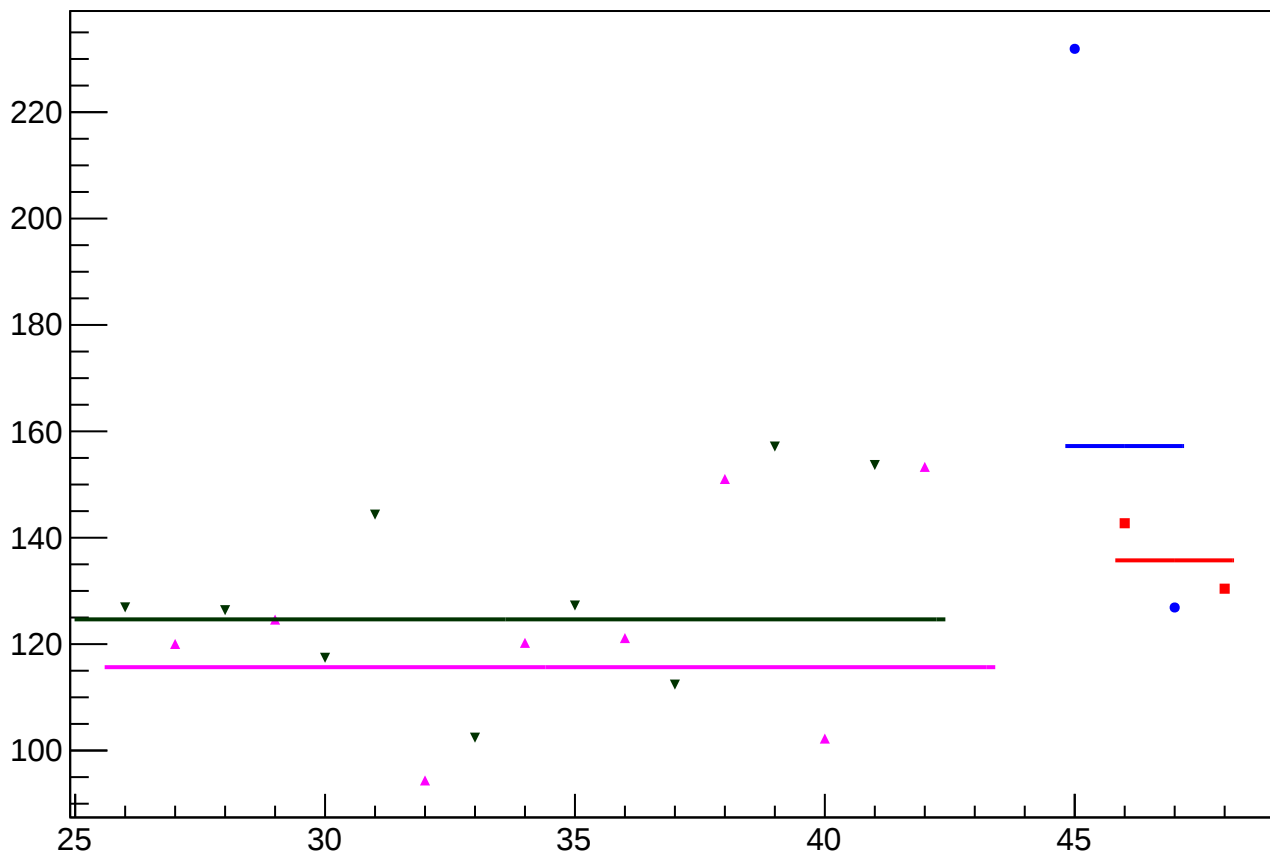
Right Out: 241.812 $\pm$ 150.311 χ^2 /NDF: 2.1/1

Left In: -8.870 $\pm$ 52.228 χ^2 /NDF: 1.1/7

45.213 $\pm$ 54.837 χ^2 /NDF: 6.6/10

18.134 $\pm$ 49.334 χ^2 /NDF: 5.7/9

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236+/-0.117 χ^2/NDF : 166522.0/1

Left Out: 124.654+/-0.041 χ^2/NDF :158453.5/8

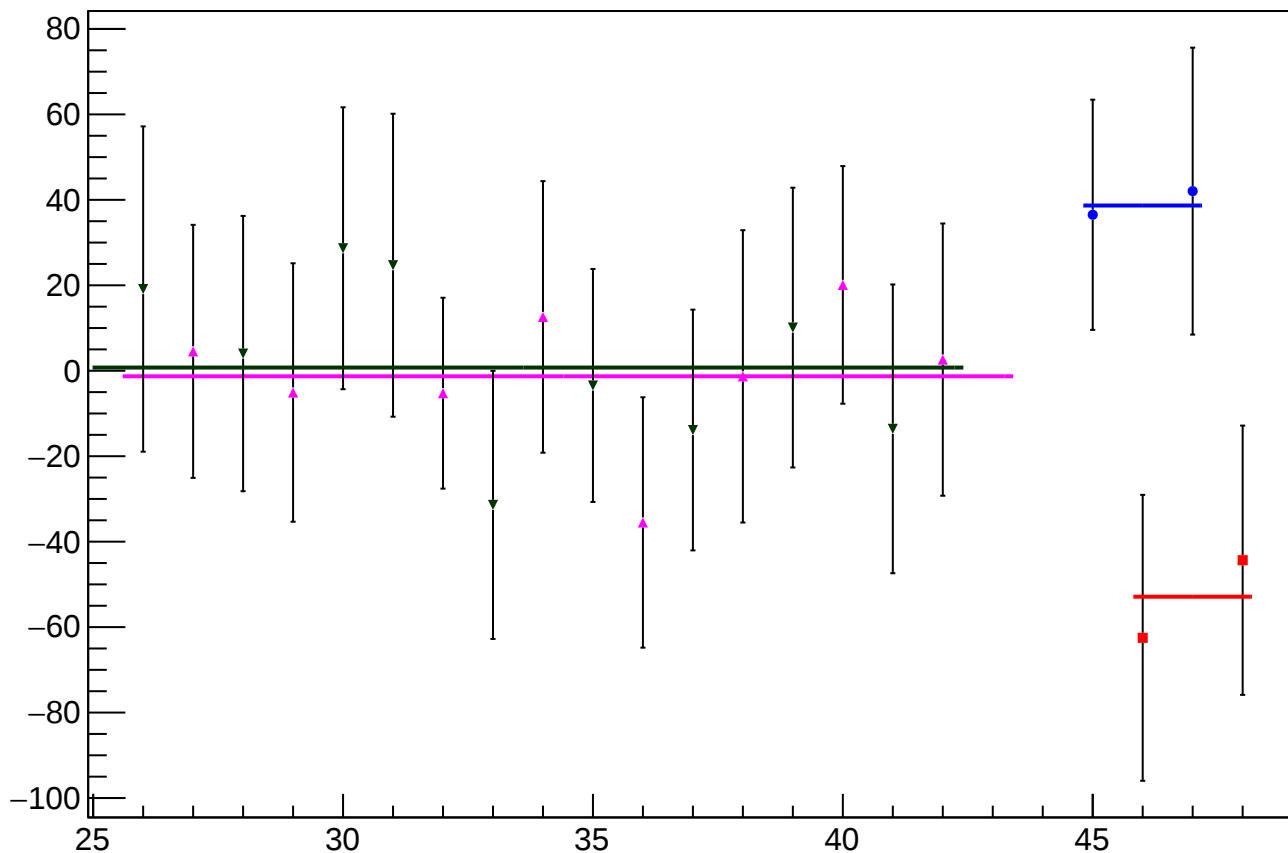
Right Out: 135.746+/-0.106 χ^2/NDF : 3289.9/1

Left In: 115.666+/-0.037 χ^2/NDF :238759.2/7

128.254+/-0.039 χ^2/NDF : 394359.2/10

117.829+/-0.035 χ^2/NDF : 273895.5/9

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675 $\pm$ 21.011 χ^2 /NDF: 0.0/1

Left Out: 0.747 $\pm$ 10.661 χ^2 /NDF:3.0/8

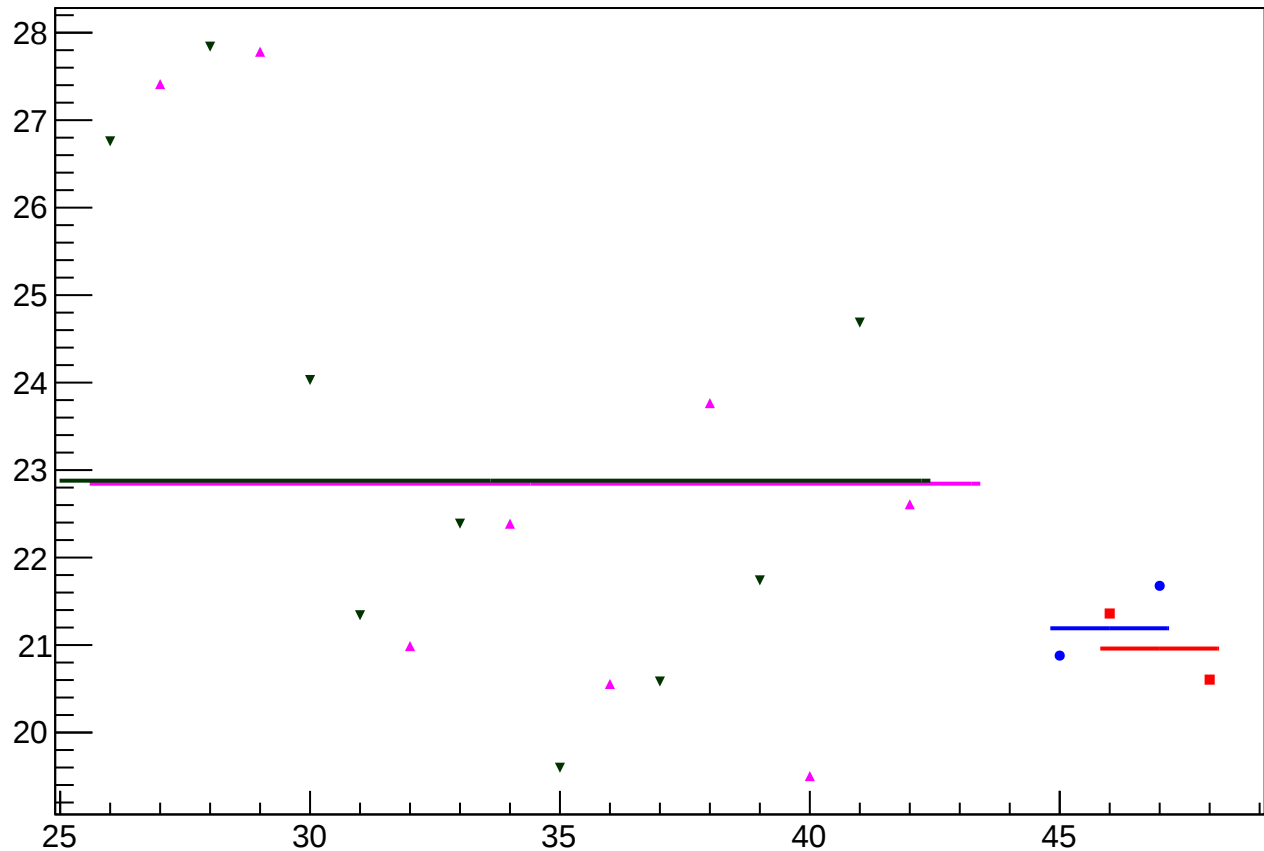
Right Out: -52.882 $\pm$ 22.940 χ^2 /NDF: 0.2/1

Left In: -1.298 $\pm$ 10.246 χ^2 /NDF:2.2/7

8.513 $\pm$ 9.507 χ^2 /NDF: 5.6/10

-9.877 $\pm$ 9.355 χ^2 /NDF: 6.6/9

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 $\pm$ 0.015 χ^2 /NDF: 687.1/1

Left Out: 22.879 $\pm$ 0.008 χ^2 /NDF:125279.7/8

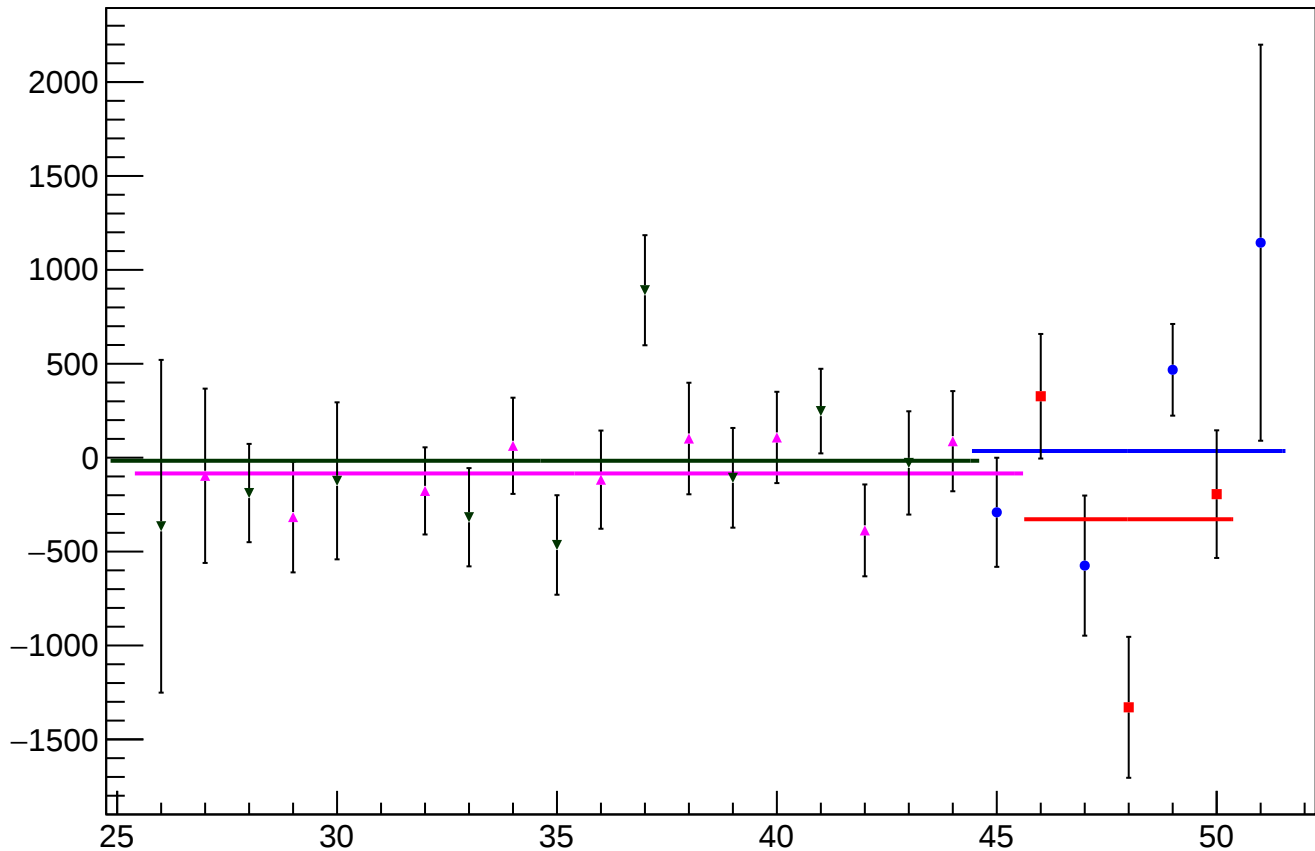
Right Out: 20.960 $\pm$ 0.016 χ^2 /NDF: 540.7/1

Left In: 22.845 $\pm$ 0.007 χ^2 /NDF:157790.8/7

22.533 $\pm$ 0.007 χ^2 /NDF: 136226.3/10

22.531 $\pm$ 0.007 χ^2 /NDF: 169585.5/9

asym_sam_15_avg_mean vs slug



Right In: 35.519+/-165.017 χ^2/NDF : 8.2/3

Left Out: -16.498+/-95.684 χ^2/NDF :15.9/8

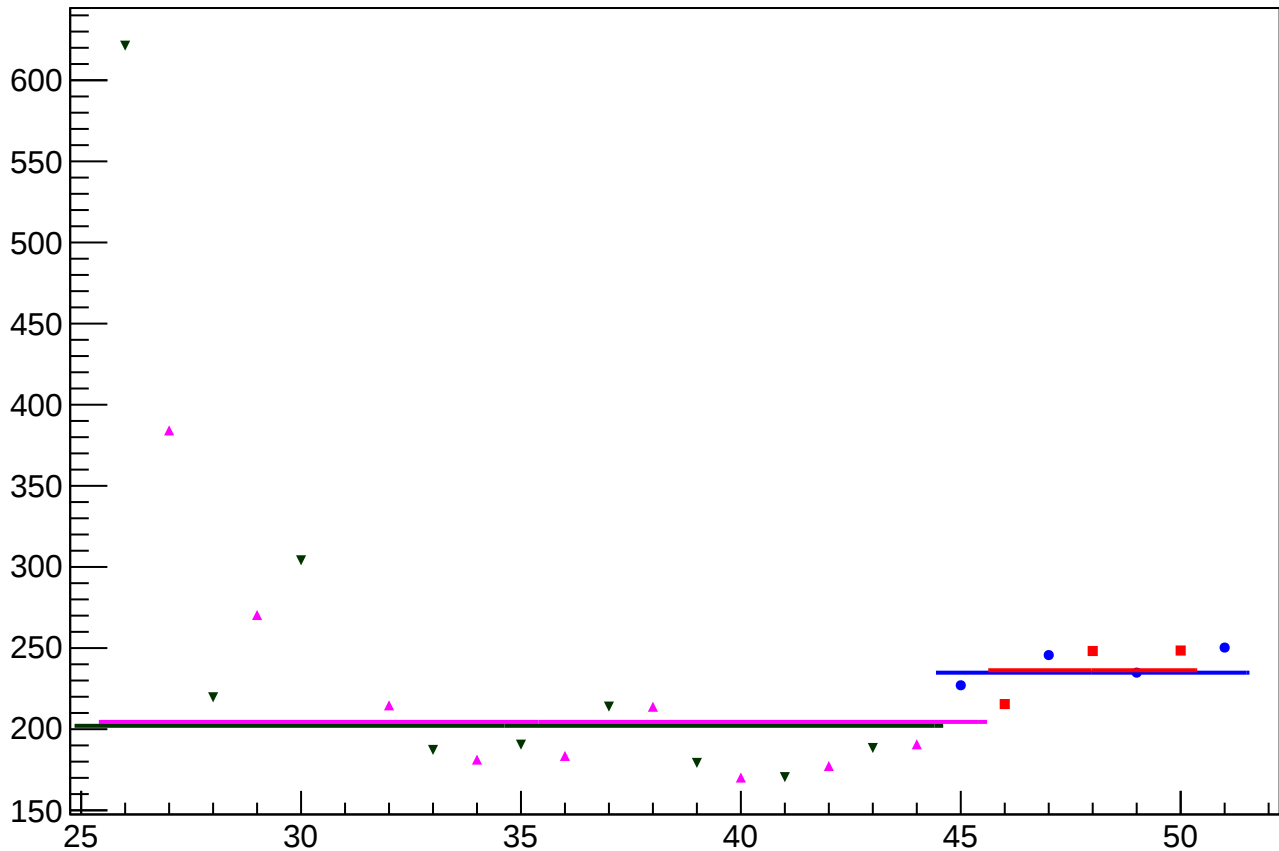
-3.409+/-82.775 χ^2/NDF : 24.2/12

Right Out: -327.874+/-200.617 χ^2/NDF : 11.2/2

-124.789+/-82.061 χ^2/NDF : 16.5/11

Left In: -83.982+/-89.928 χ^2/NDF :4.1/8

asym_sam_15_avg_rms vs slug



Right In: 234.840 ± 0.117 χ^2/NDF : 3553.3/3

Left Out: 202.088 ± 0.068 χ^2/NDF : 648842.0/8

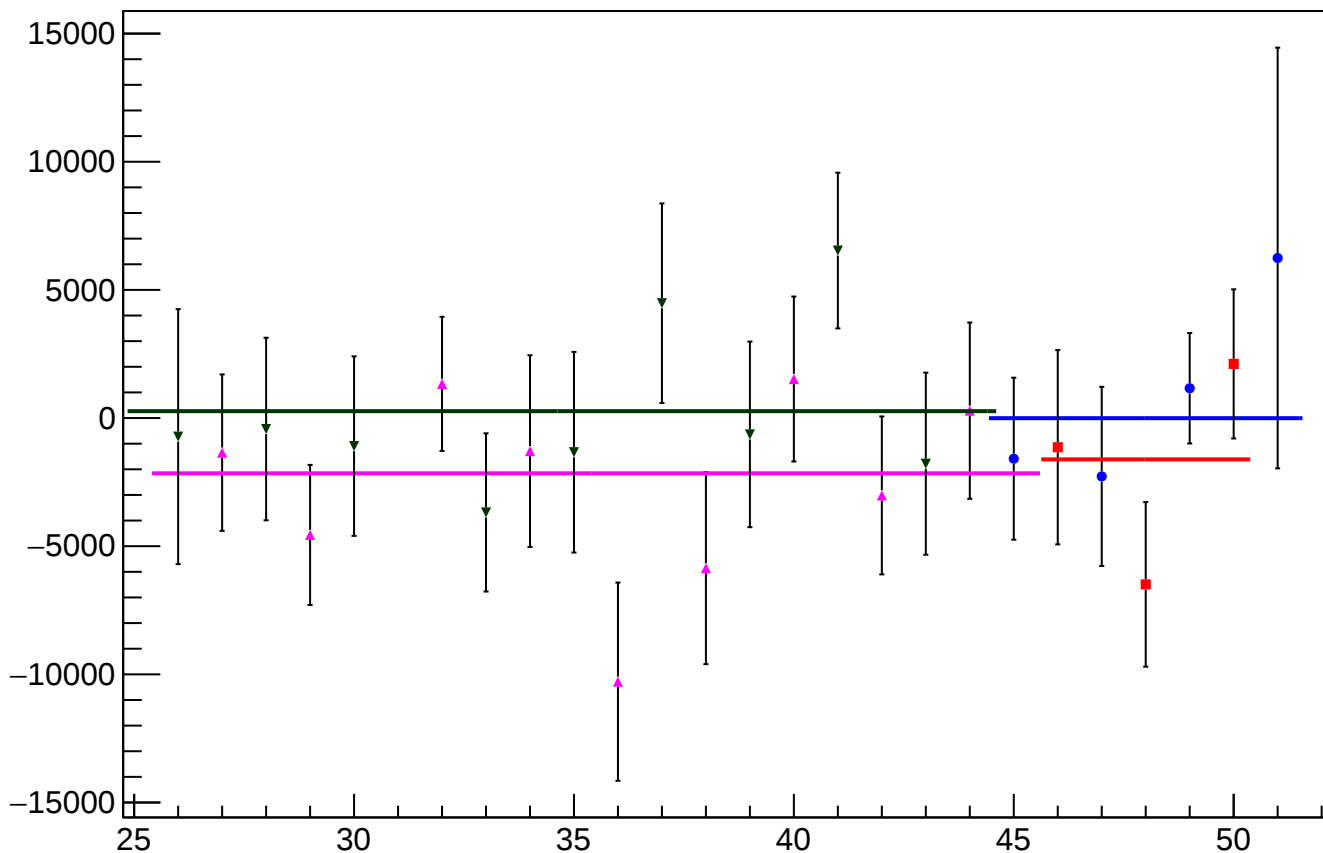
Right Out: 236.332 ± 0.142 χ^2/NDF : 12458.2/2

Left In: 204.496 ± 0.064 χ^2/NDF : 504865.3/8

210.329 ± 0.059 χ^2/NDF : 711355.7/12

209.823 ± 0.058 χ^2/NDF : 559260.8/11

asym_sam_26_avg_mean vs slug



Right In: -5.225+/-1557.386 χ^2/NDF : 1.5/3

Left Out: 267.989+/-1194.389 χ^2/NDF : 7.9/8

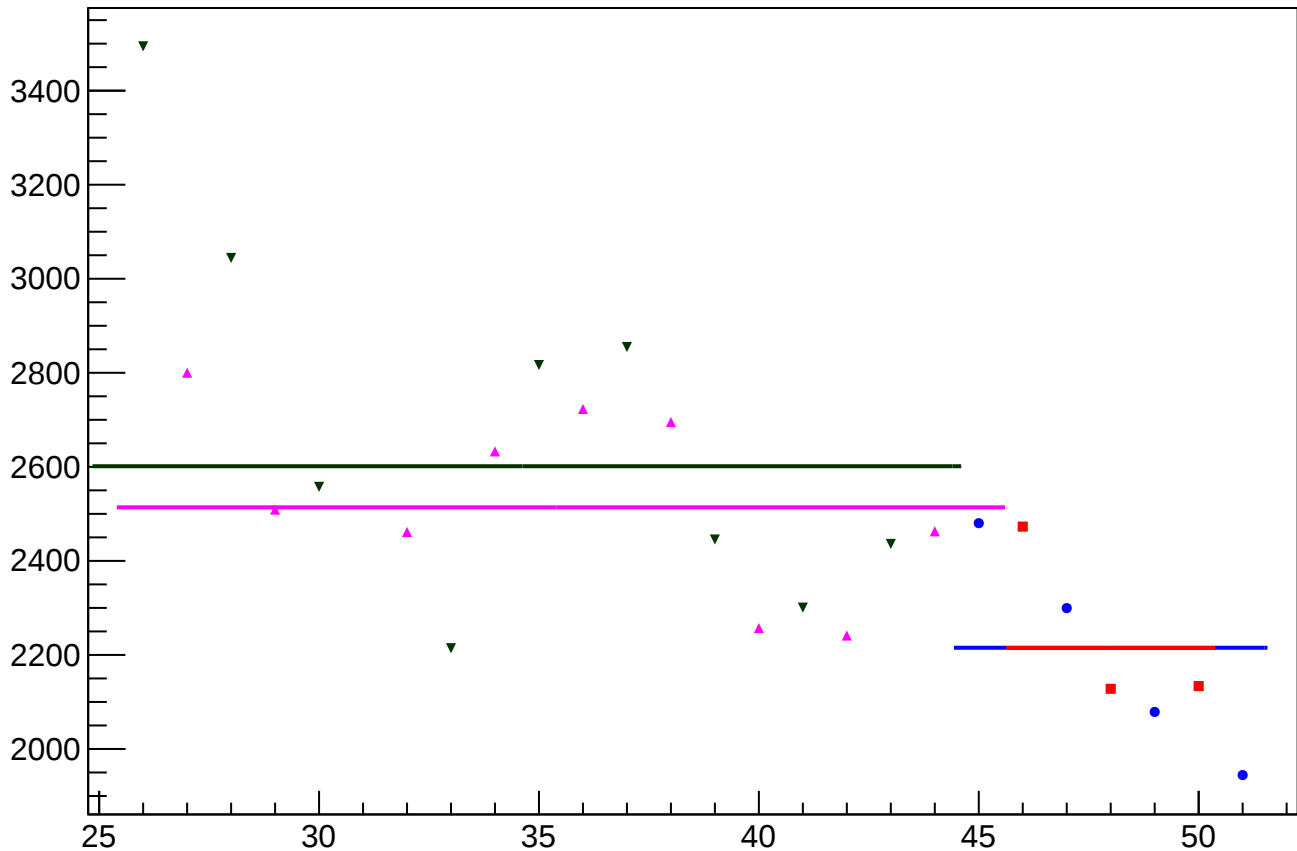
Right Out: -1612.136+/-1874.313 χ^2/NDF : 4.0/2

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

166.806+/-947.759 χ^2/NDF : 9.4/12

-2023.683+/-925.275 χ^2/NDF : 14.0/11

asym_sam_26_avg_rms vs slug



Right In: 2215.303 ± 1.101 χ^2/NDF : 25428.2/3

Left Out: 2601.288 ± 0.845 χ^2/NDF : 169348.6/8

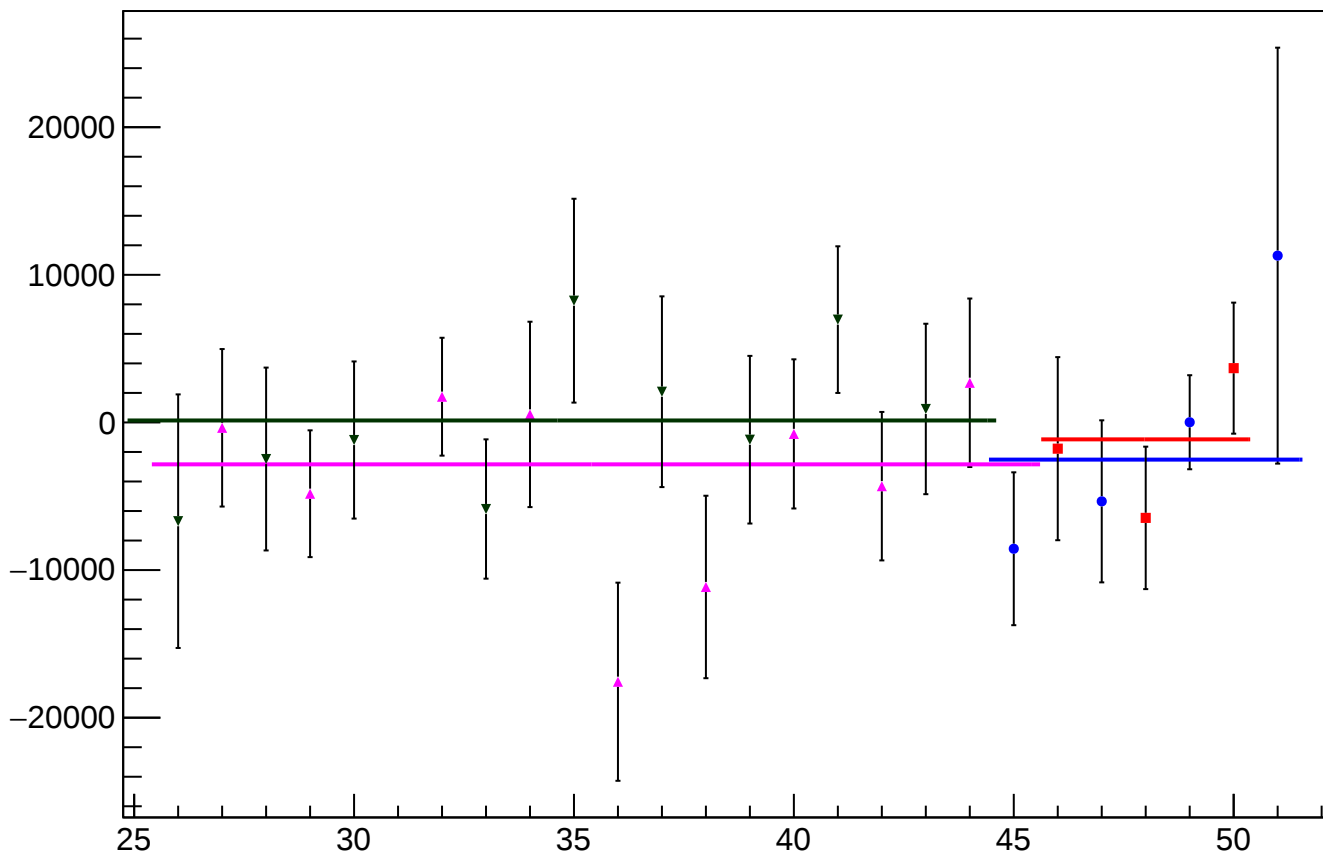
2458.341 ± 0.670 χ^2/NDF : 272131.0/12

Right Out: 2214.689 ± 1.325 χ^2/NDF : 12284.1/2

2441.013 ± 0.654 χ^2/NDF : 110658.2/11

Left In: 2513.941 ± 0.752 χ^2/NDF : 59816.2/8

asym_sam_37_avg_mean vs slug



Right In: -2517.489+/-2396.653 χ^2/NDF : 3.2/3

Left Out: 134.076+/-1937.759 χ^2/NDF : 5.9/8

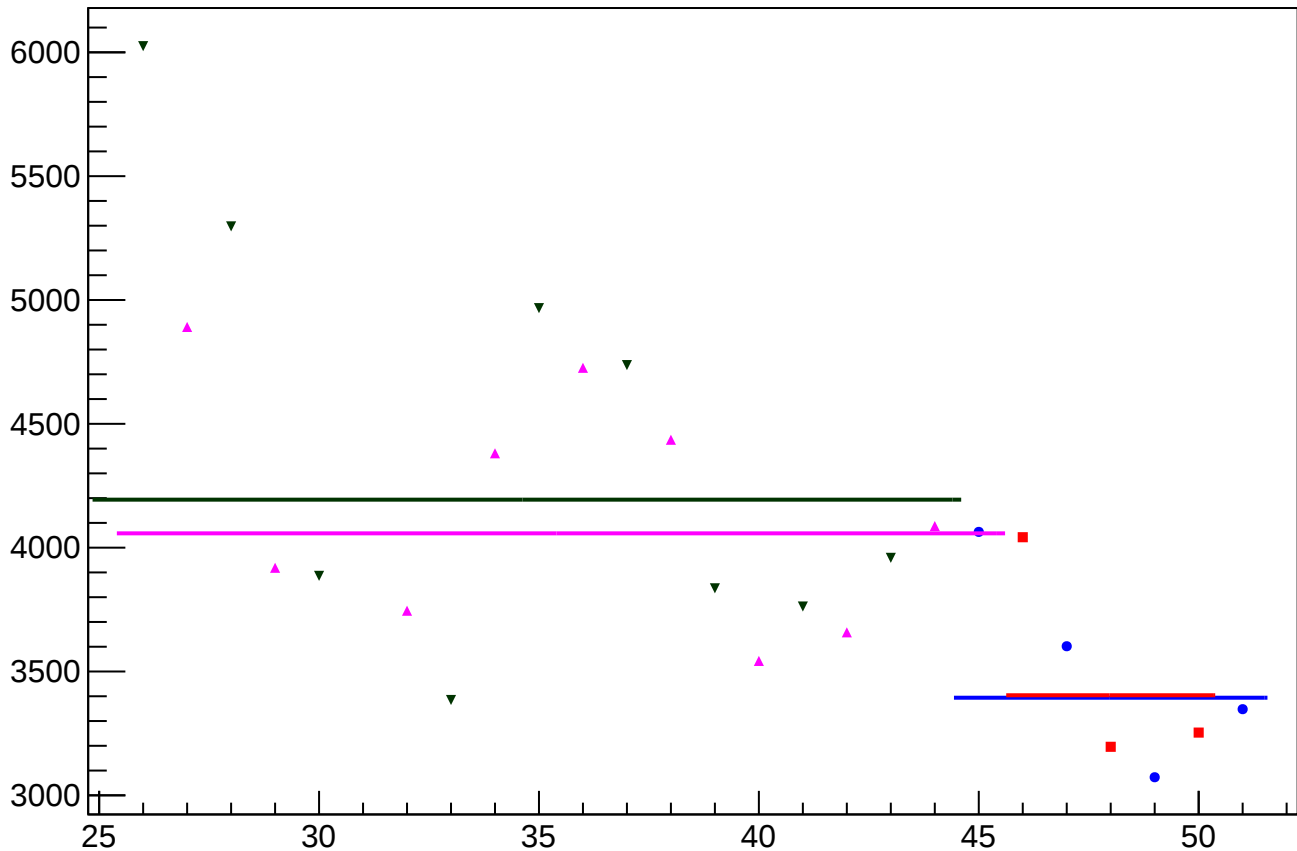
Right Out: -1146.109+/-2890.195 χ^2/NDF : 2.4/2

Left In: -2838.252+/-1727.002 χ^2/NDF : 9.8/8

-914.091+/-1506.847 χ^2/NDF : 9.9/12

-2393.035+/-1482.500 χ^2/NDF : 12.5/11

asym_sam_37_avg_rms vs slug



Right In: 3394.121+/-1.695 χ^2/NDF : 56661.9/3

Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

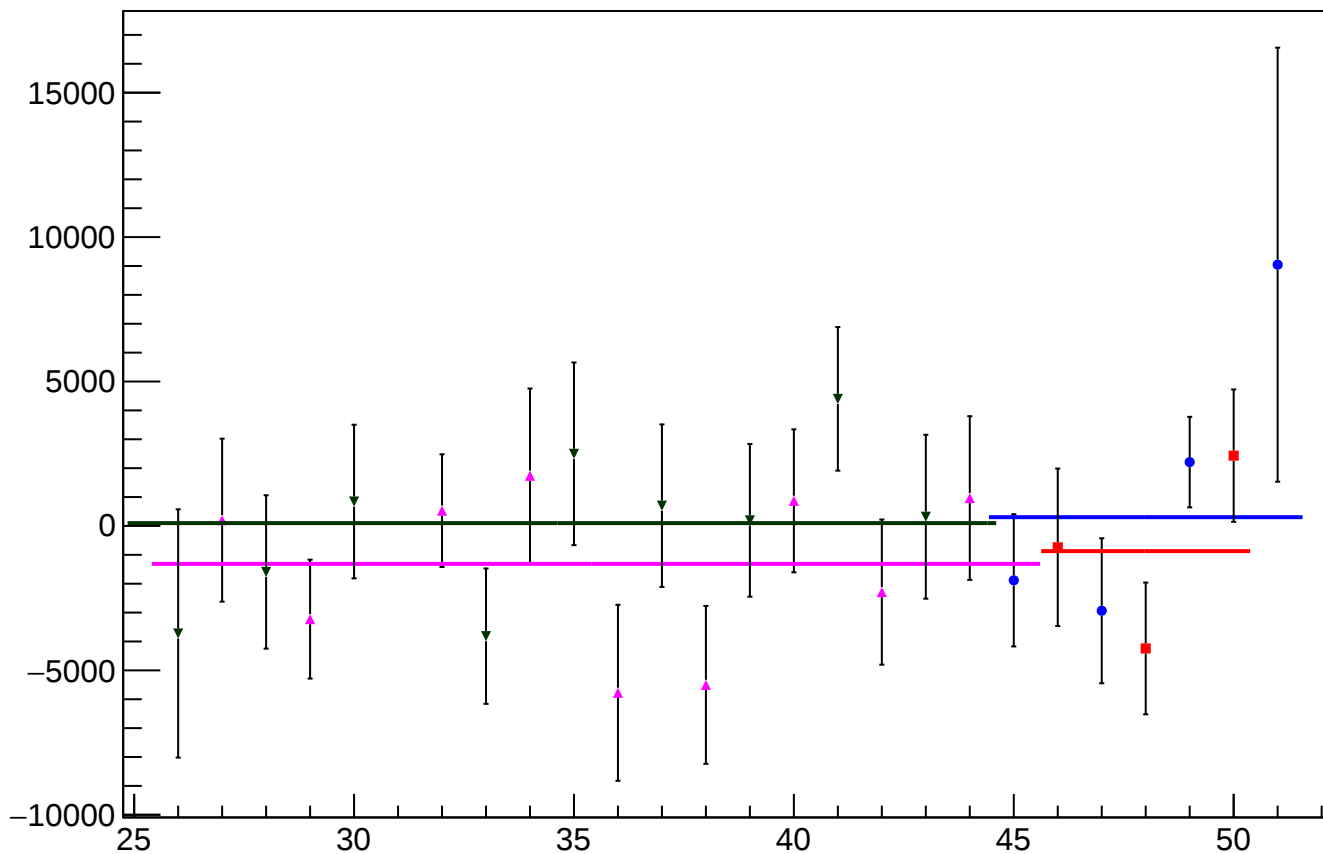
Right Out: 3404.071+/-2.044 χ^2/NDF : 27201.5/2

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

3877.701+/-1.066 χ^2/NDF : 476716.4/12

3885.812+/-1.048 χ^2/NDF : 231859.4/11

asym_sam_48_avg_mean vs slug



Right In: 303.436+/-1136.222 χ^2/NDF : 5.4/3

Left Out: 98.183+/-922.560 χ^2/NDF : 7.7/8

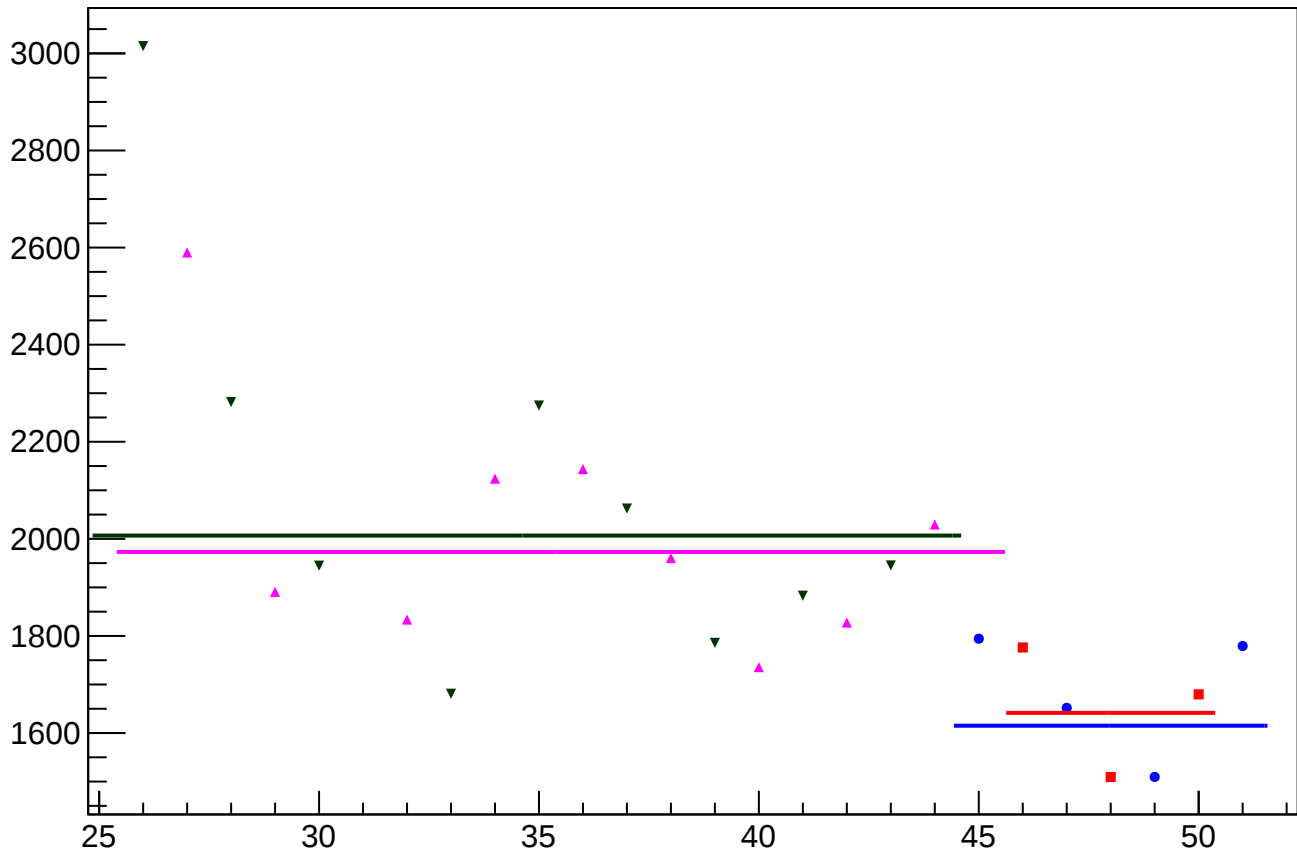
Right Out: -871.908+/-1390.510 χ^2/NDF : 4.3/2

Left In: -1313.019+/-838.748 χ^2/NDF : 9.1/8

179.735+/-716.203 χ^2/NDF : 13.1/12

-1195.340+/-718.206 χ^2/NDF : 13.5/11

asym_sam_48_avg_rms vs slug



Right In: 1615.069+/-0.803 χ^2/NDF : 22706.6/3

Left Out: 2006.811+/-0.652 χ^2/NDF : 206242.3/8

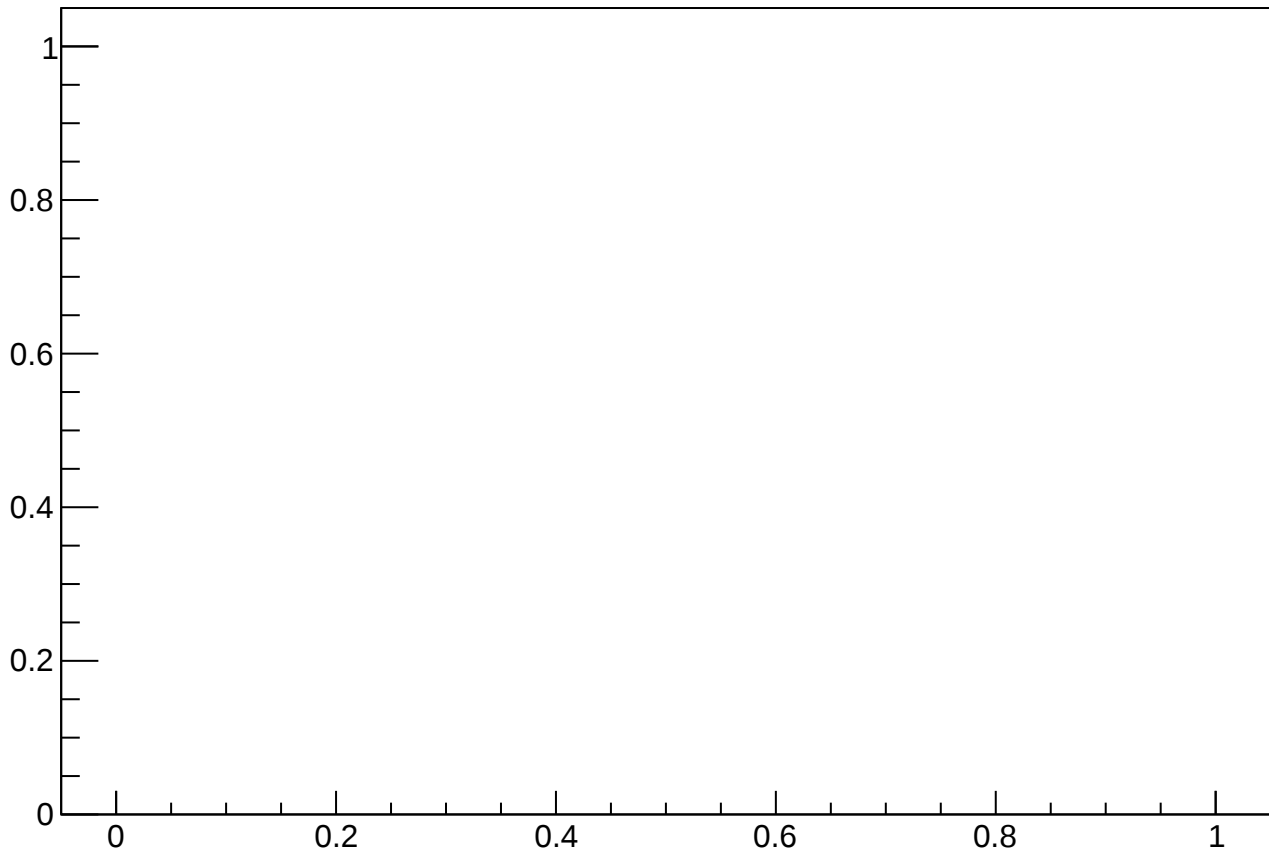
Right Out: 1641.571+/-0.983 χ^2/NDF : 12152.1/2

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

1851.162+/-0.506 χ^2/NDF : 372228.8/12

1884.640+/-0.508 χ^2/NDF : 241658.2/11

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

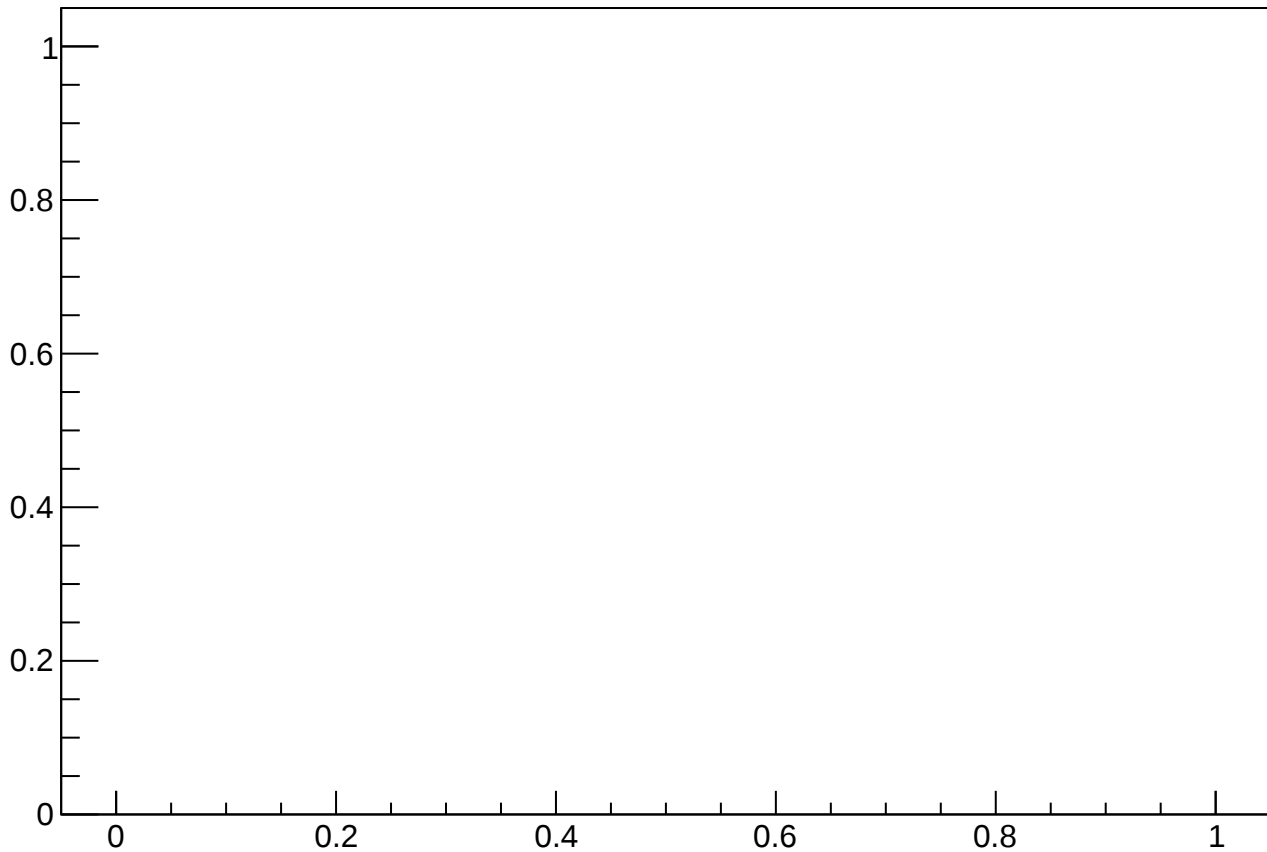
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

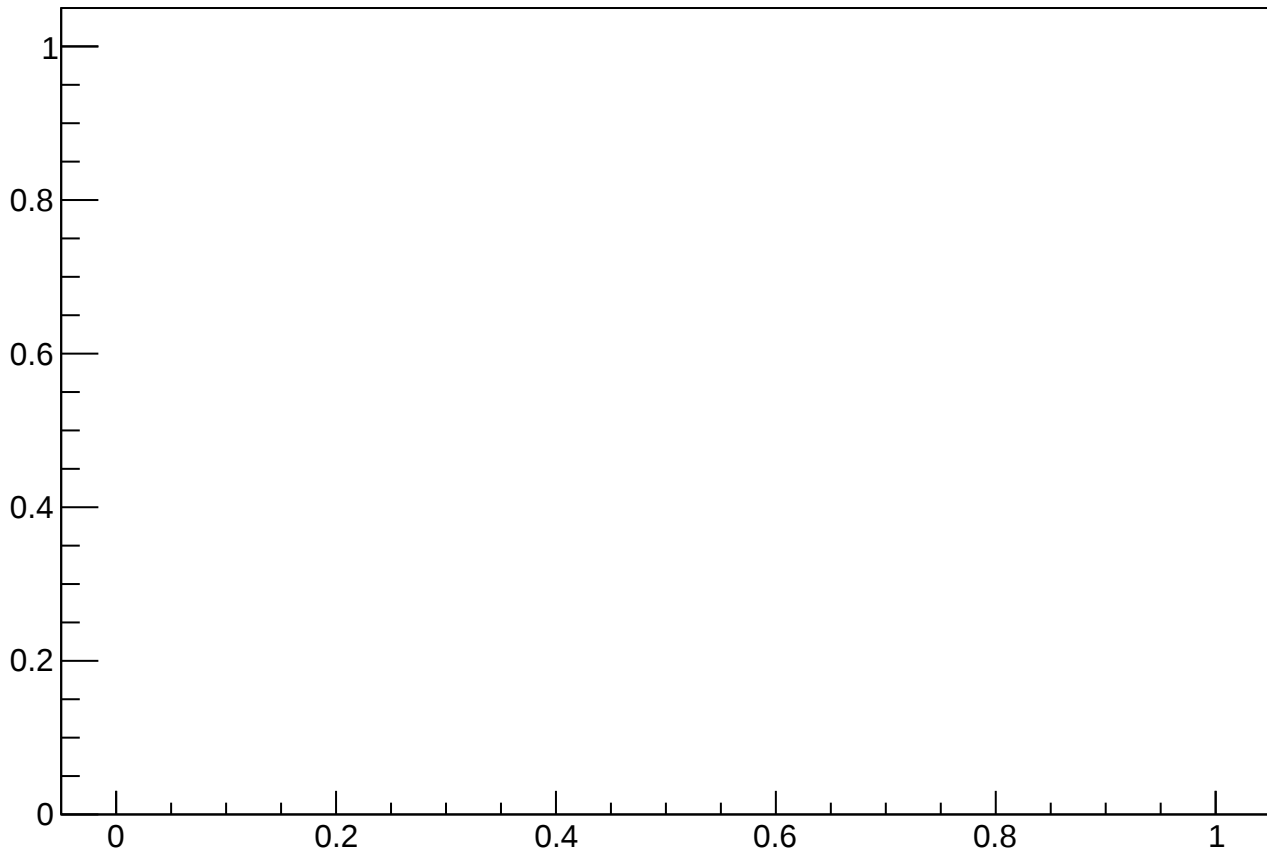
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

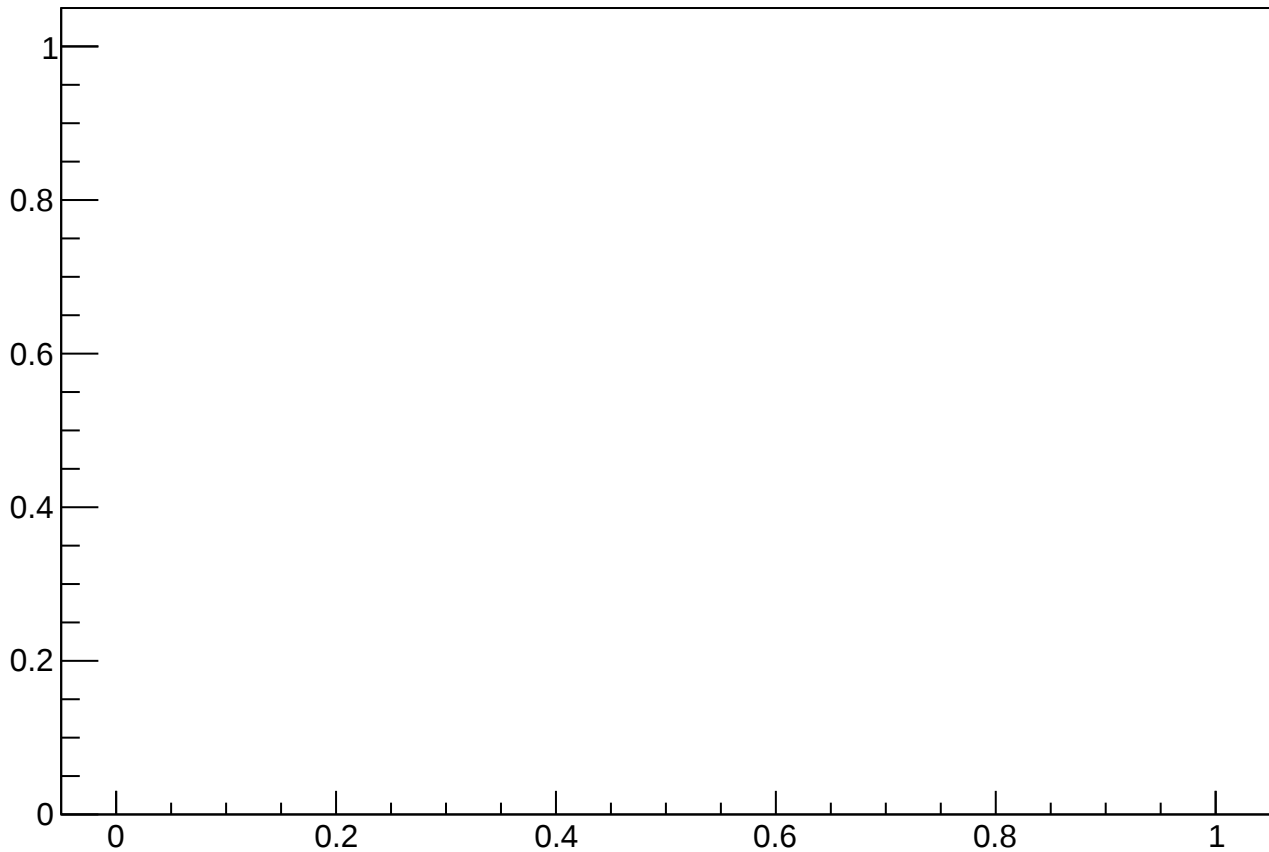
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

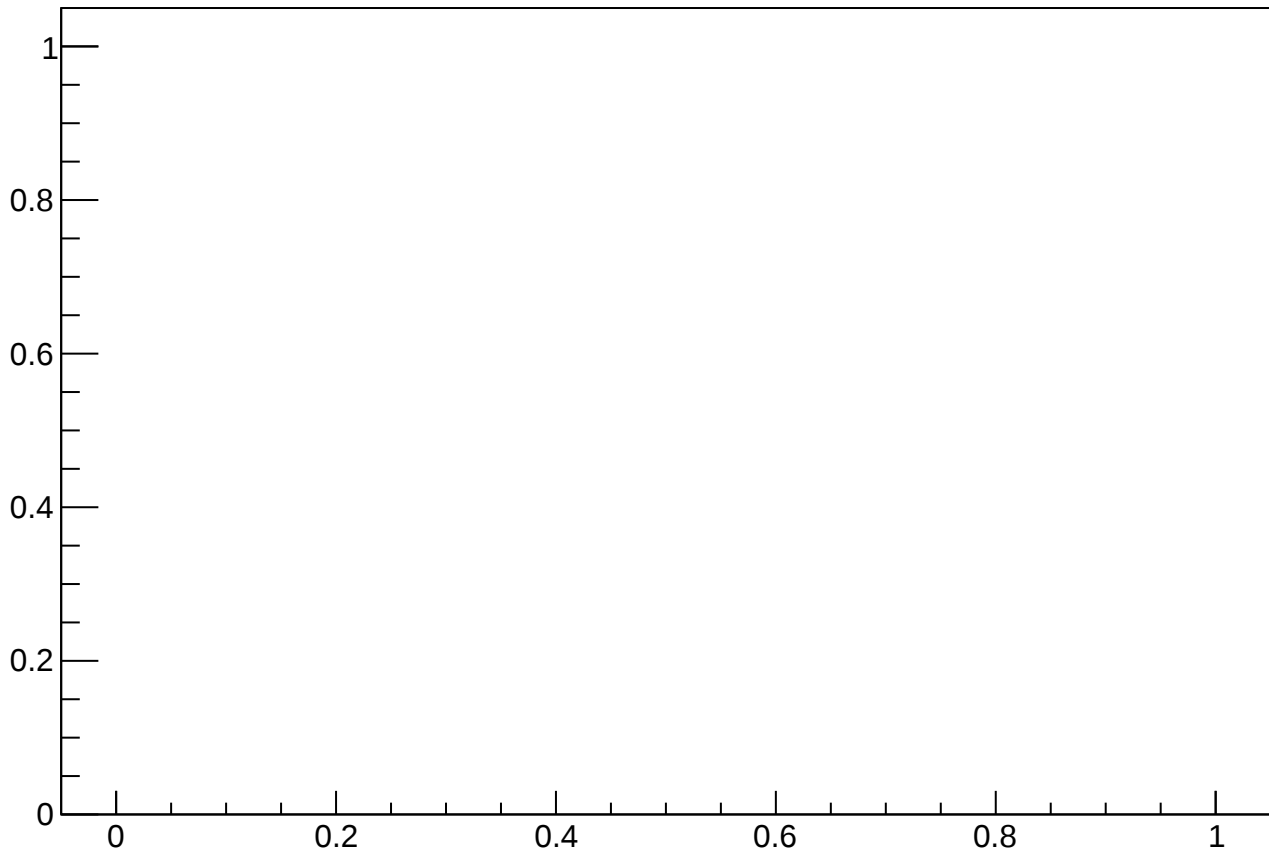
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

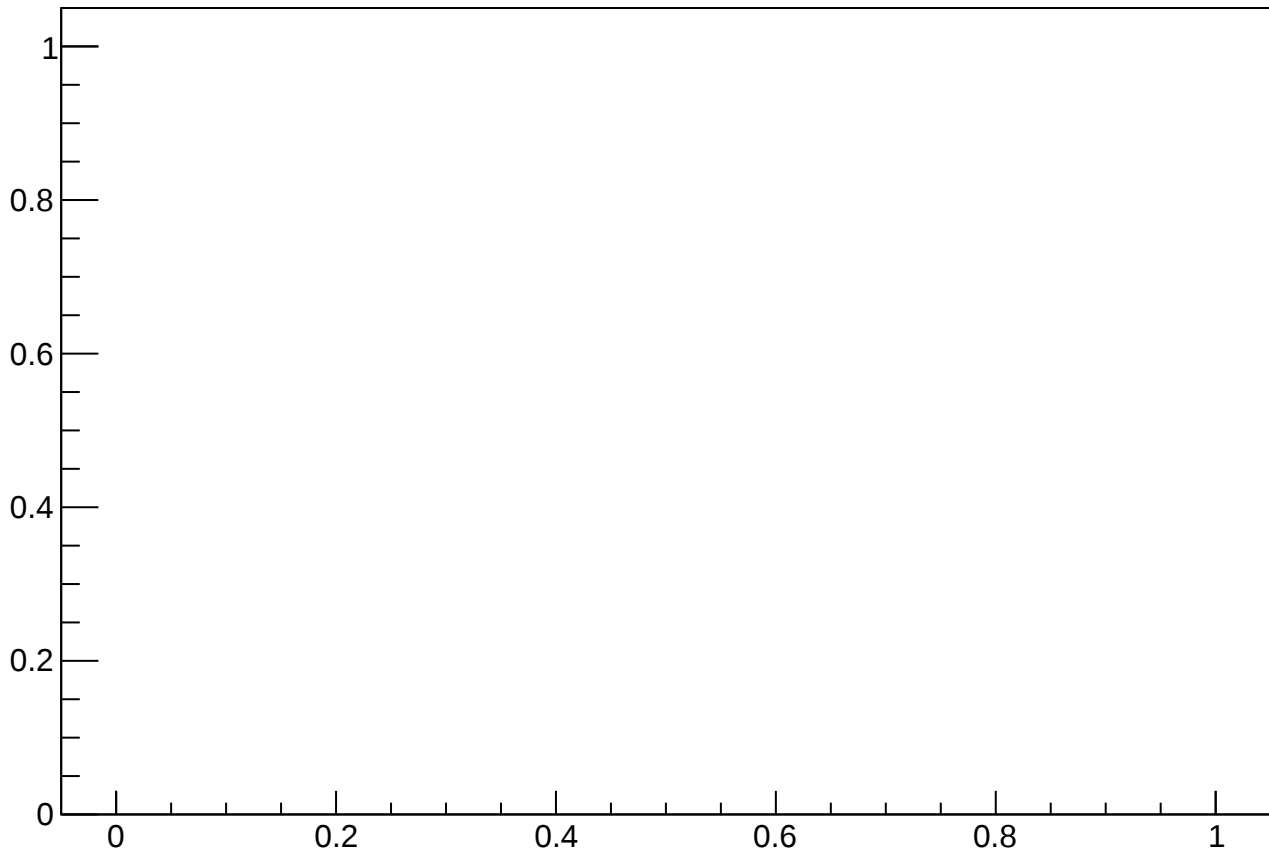
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

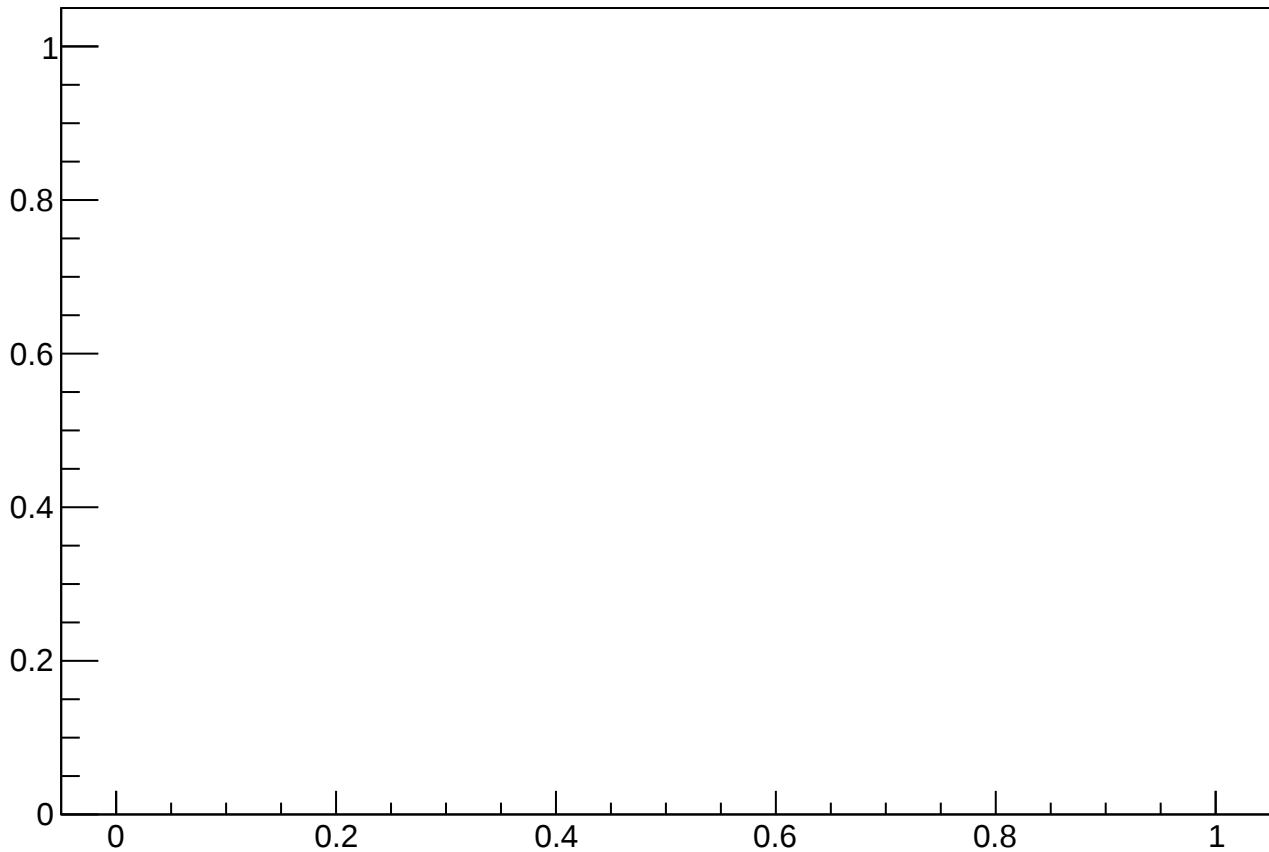
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

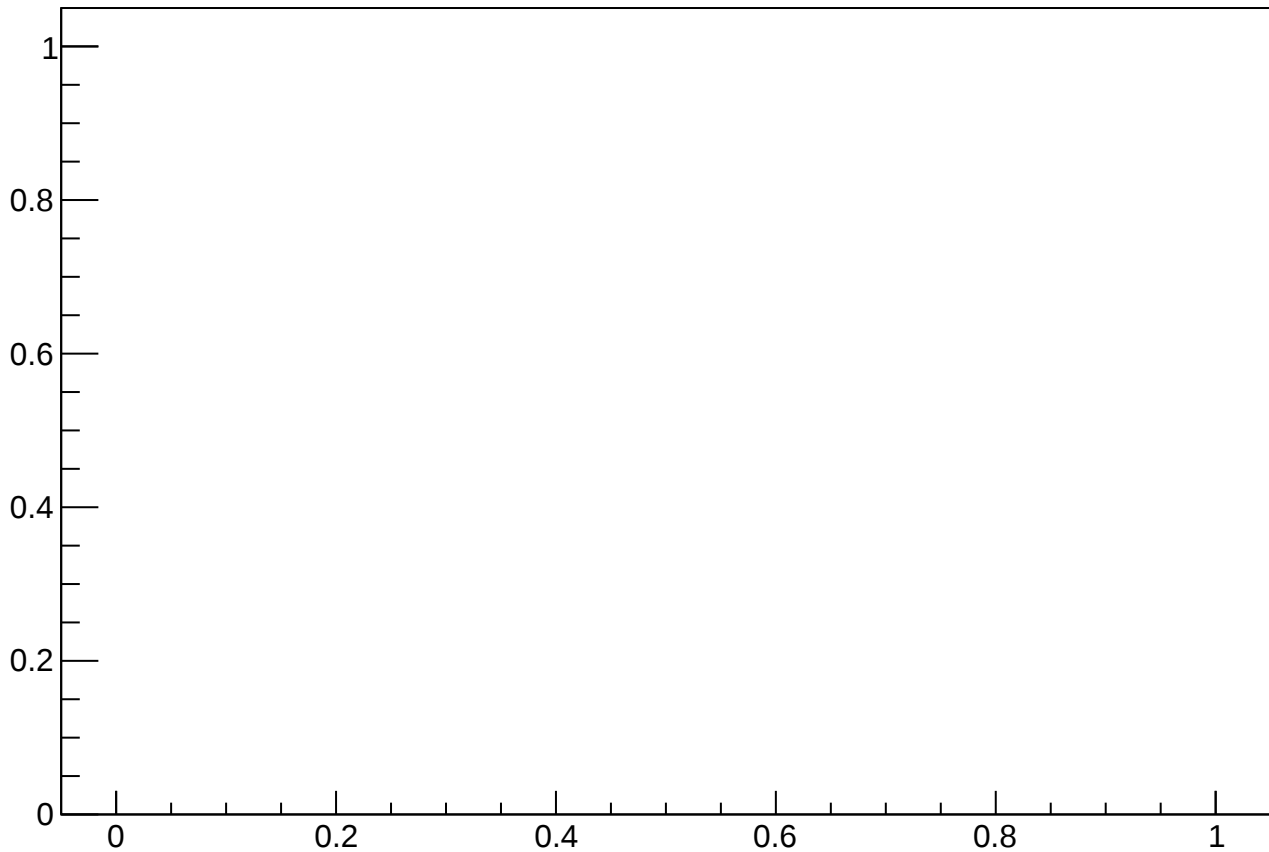
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

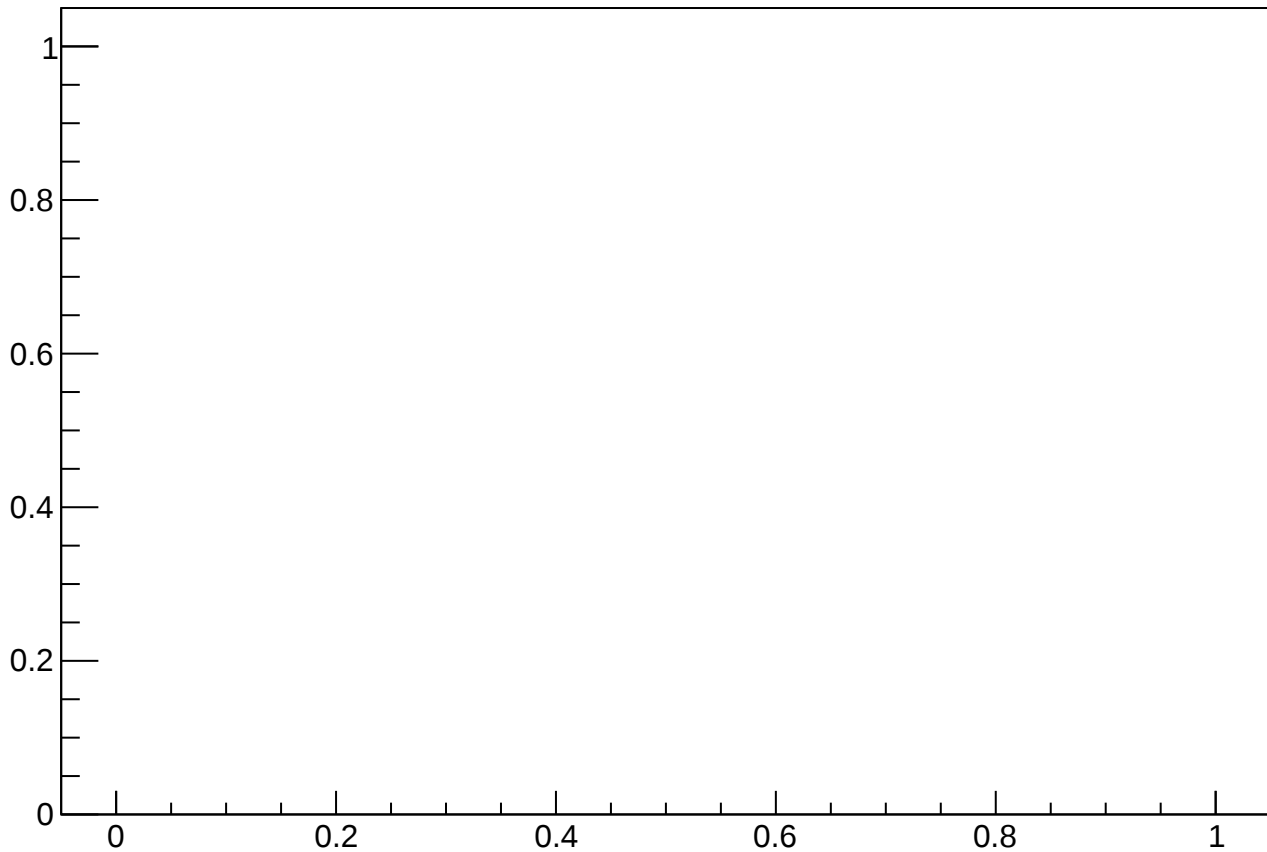
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

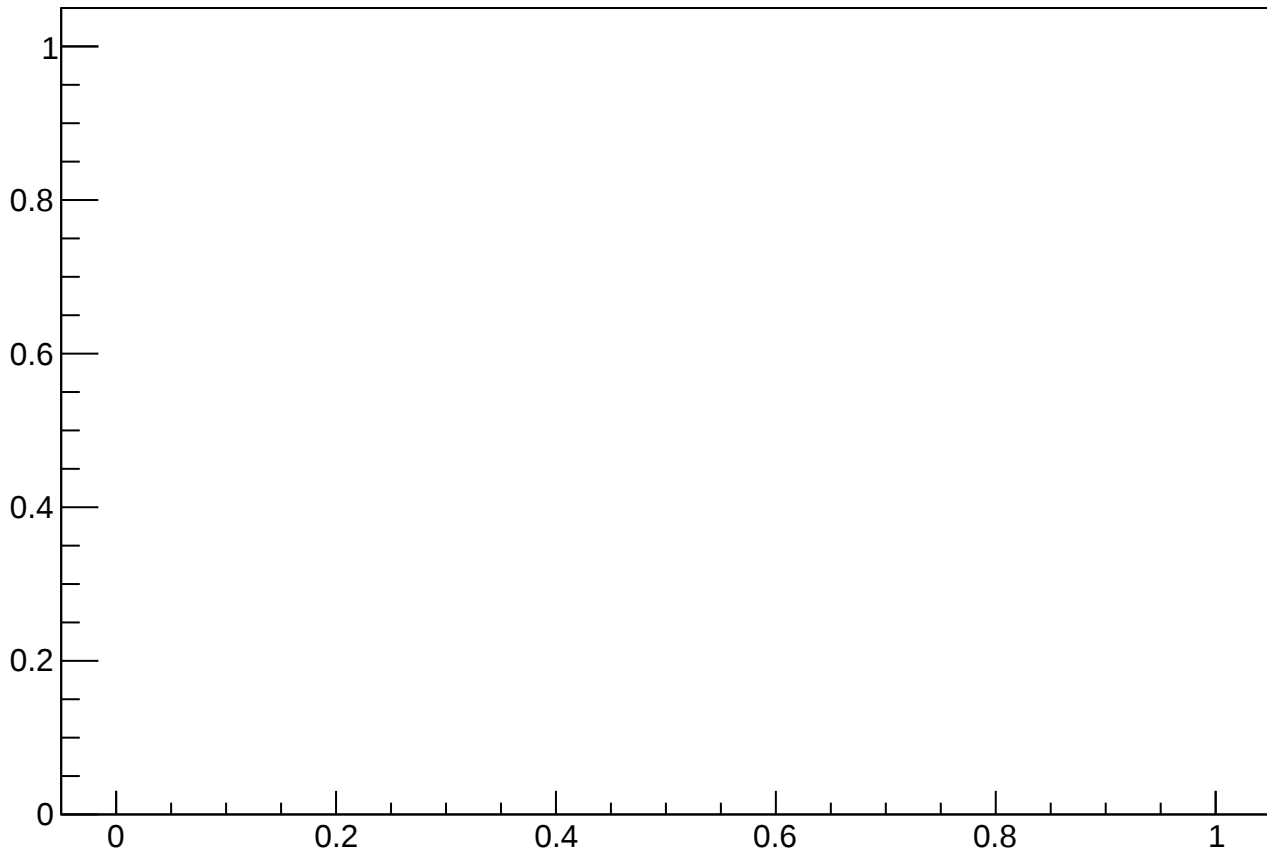
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

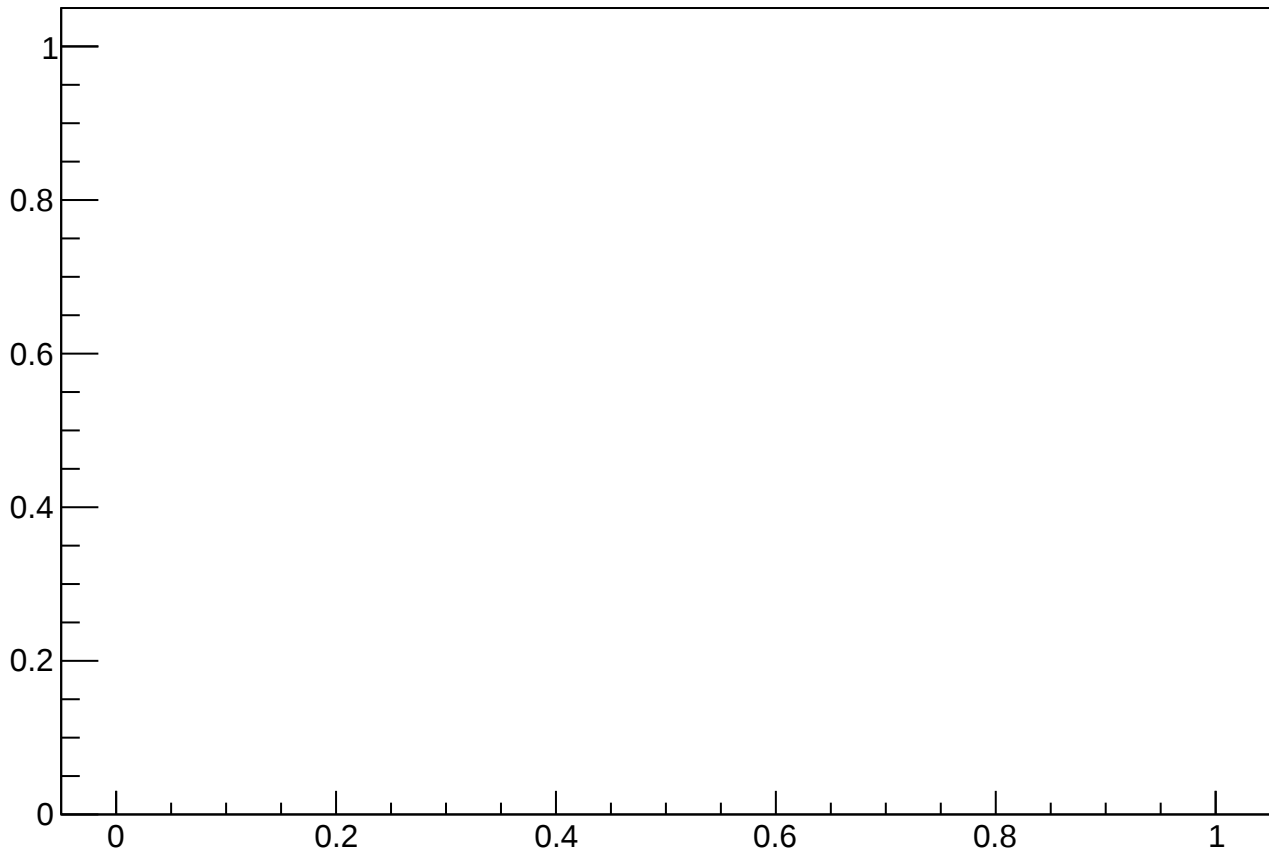
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

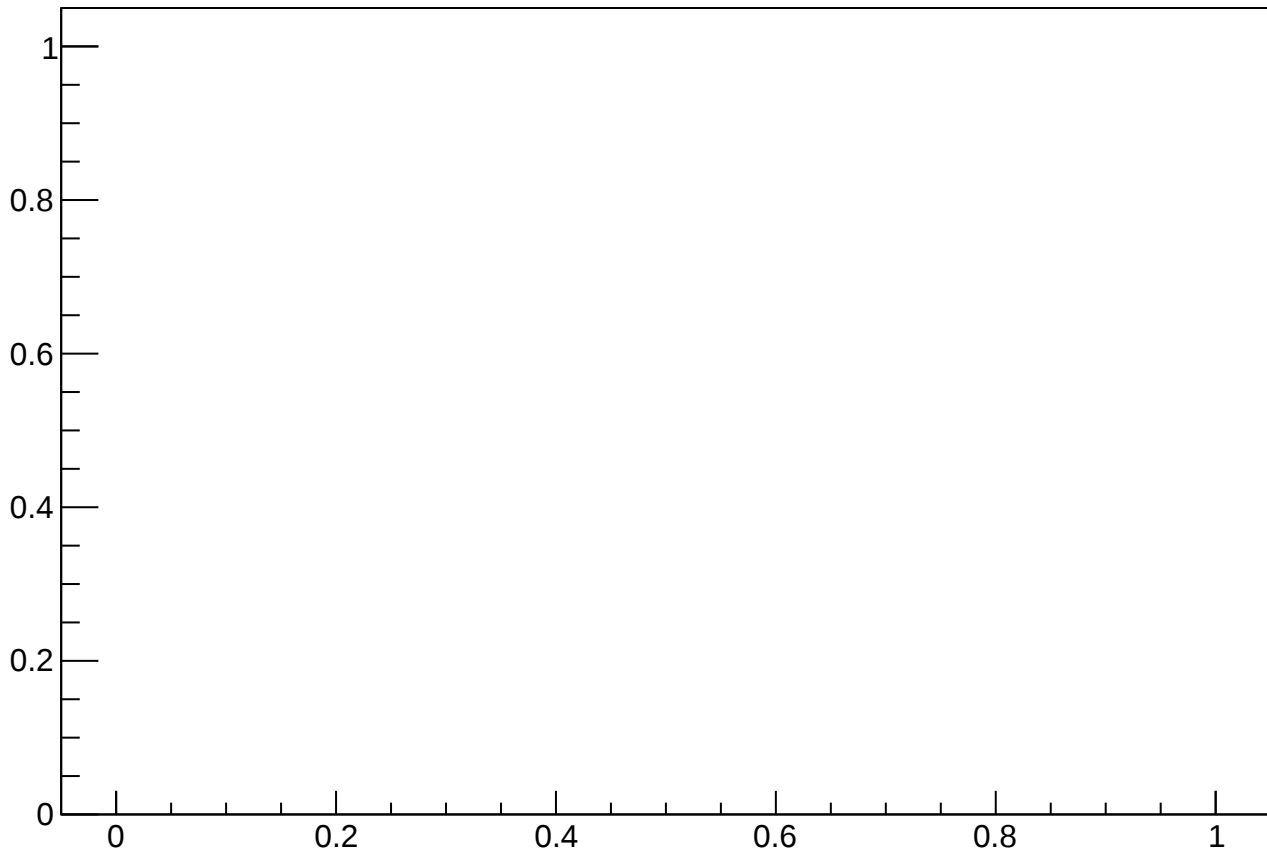
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

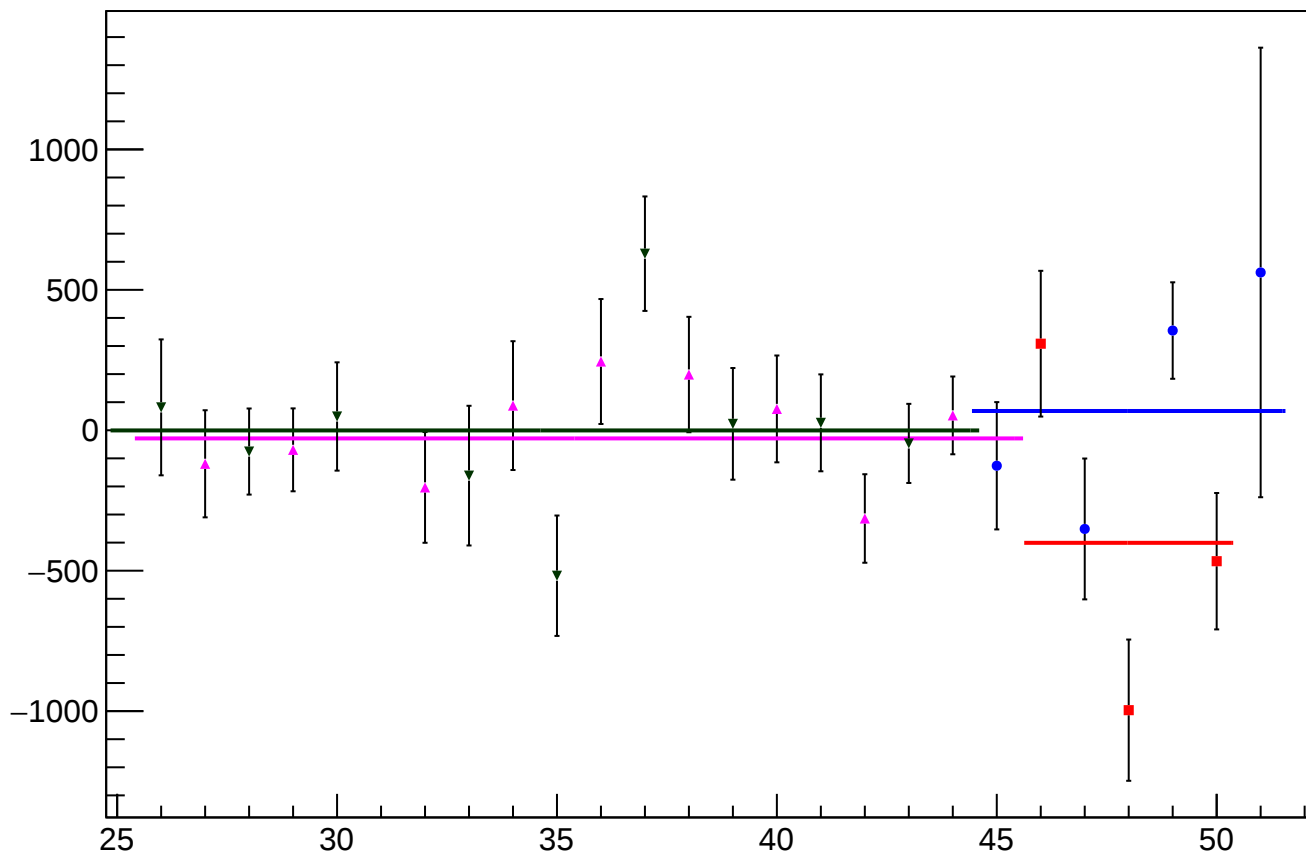
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: 68.647+/-118.828 χ^2/NDF : 6.7/3

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

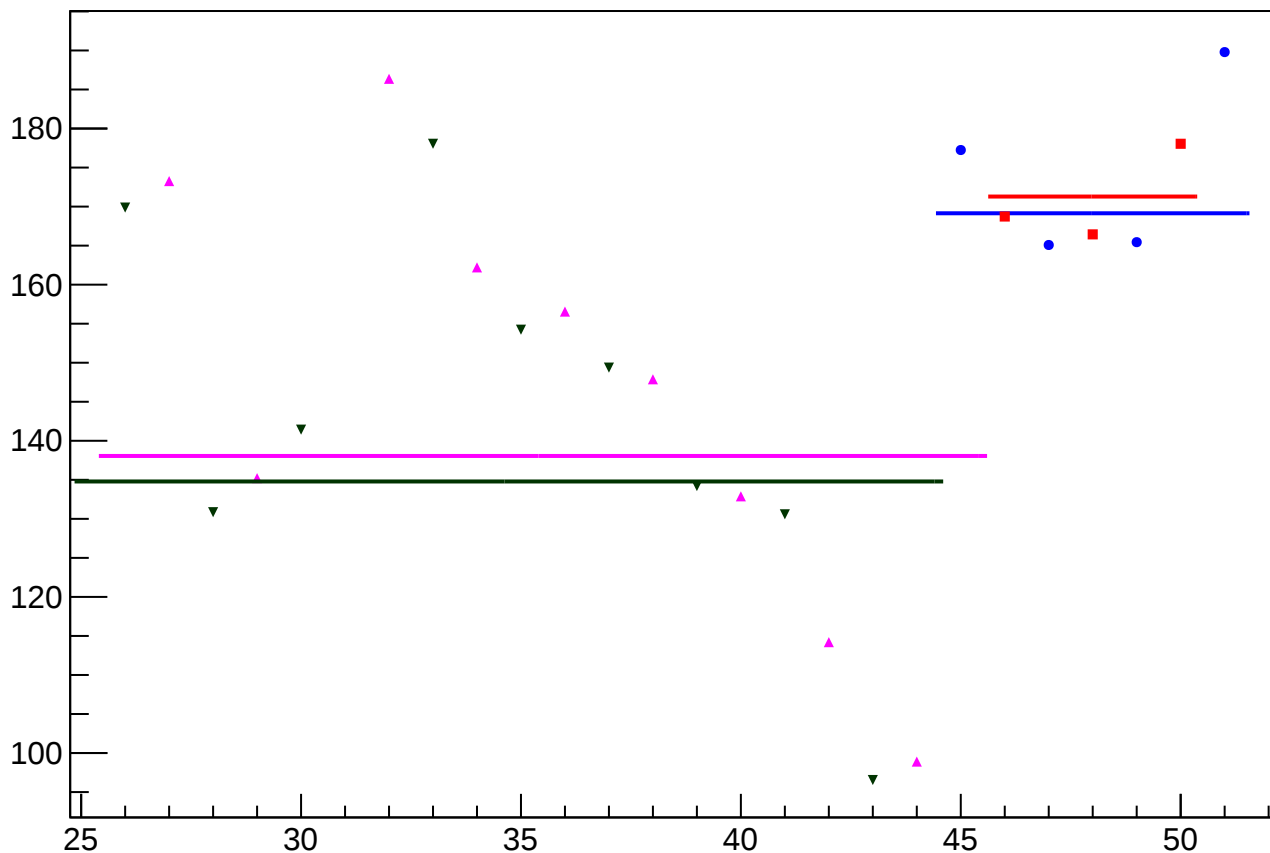
Right Out: -400.771+/-144.913 χ^2/NDF : 13.2/2

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

14.361+/-55.159 χ^2/NDF : 23.3/12

-82.682+/-55.070 χ^2/NDF : 26.8/11

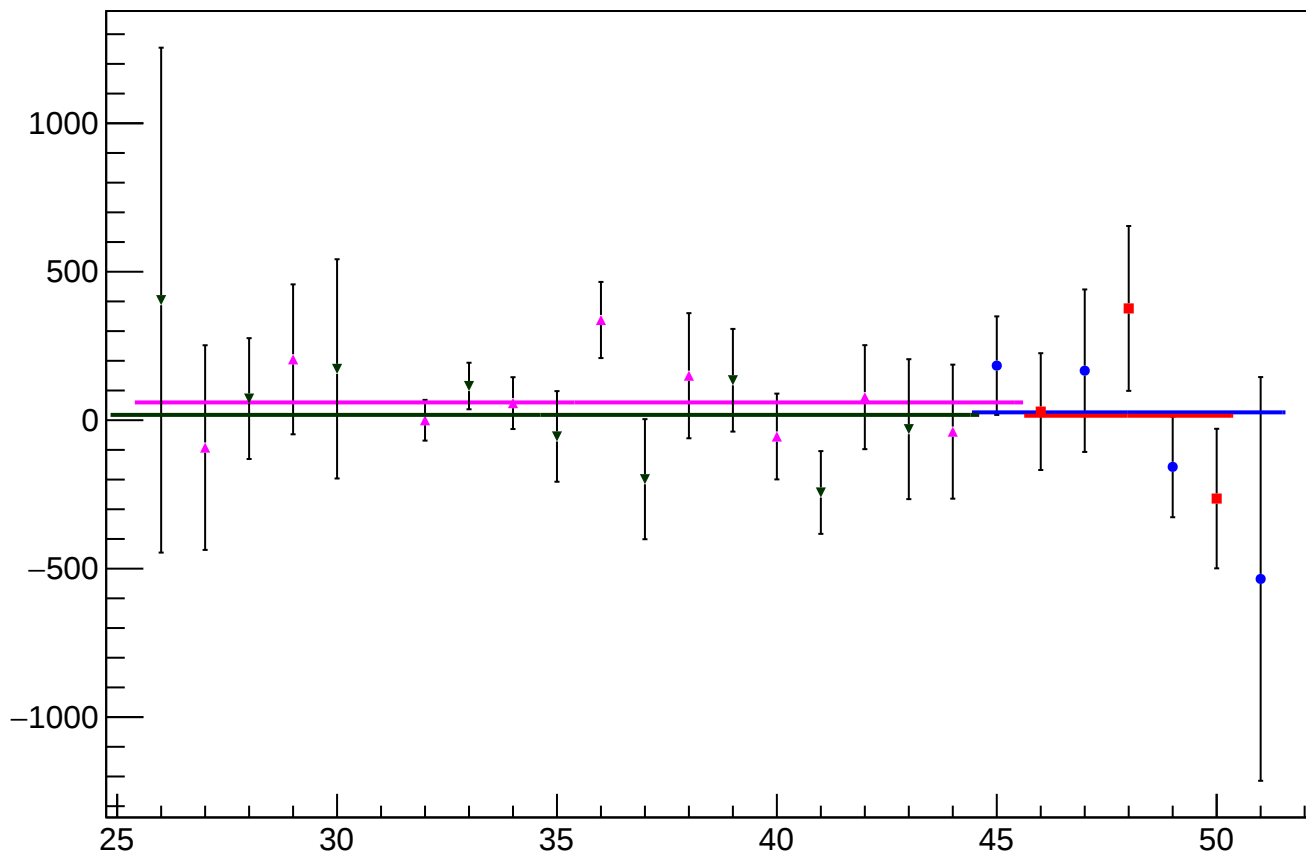
reg_asym_sam_15_avg_rms vs slug



Right In: 169.145 $\pm$ 0.084 χ^2 /NDF: 5340.6/3
 Left Out: 134.788 $\pm$ 0.044 χ^2 /NDF: 281610.1/8
 Right Out: 171.288 $\pm$ 0.102 χ^2 /NDF: 2486.8/2
 Left In: 138.057 $\pm$ 0.042 χ^2 /NDF: 437023.6/8

142.191 $\pm$ 0.039 χ^2 /NDF: 418118.8/12
 142.855 $\pm$ 0.039 χ^2 /NDF: 529496.6/11

asym_sam_15_avg_correction_mean vs slug



Right In: 26.365 ± 107.469 $\chi^2/\text{NDF}: 3.0/3$

Left Out: 17.872 ± 52.271 $\chi^2/\text{NDF}: 7.4/8$

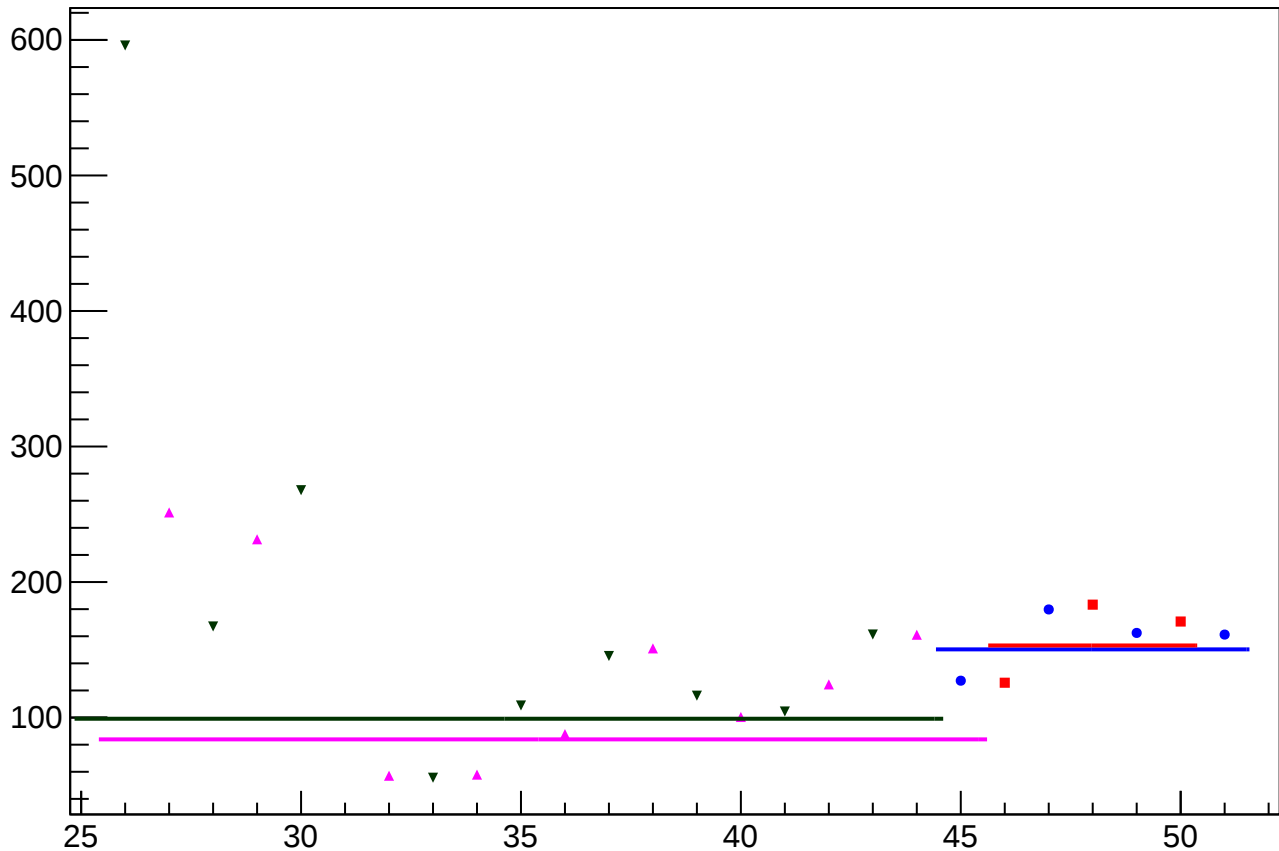
Right Out: 14.992 ± 132.534 $\chi^2/\text{NDF}: 3.1/2$

Left In: 59.828 ± 42.594 $\chi^2/\text{NDF}: 7.0/8$

19.497 ± 47.006 $\chi^2/\text{NDF}: 10.4/12$

55.631 ± 40.551 $\chi^2/\text{NDF}: 10.2/11$

asym_sam_15_avg_correction_rms vs slug



Right In: 150.319+/-0.076 χ^2/NDF : 72722.6/3

Left Out: 99.138+/-0.037 χ^2/NDF : 2215033.7/8

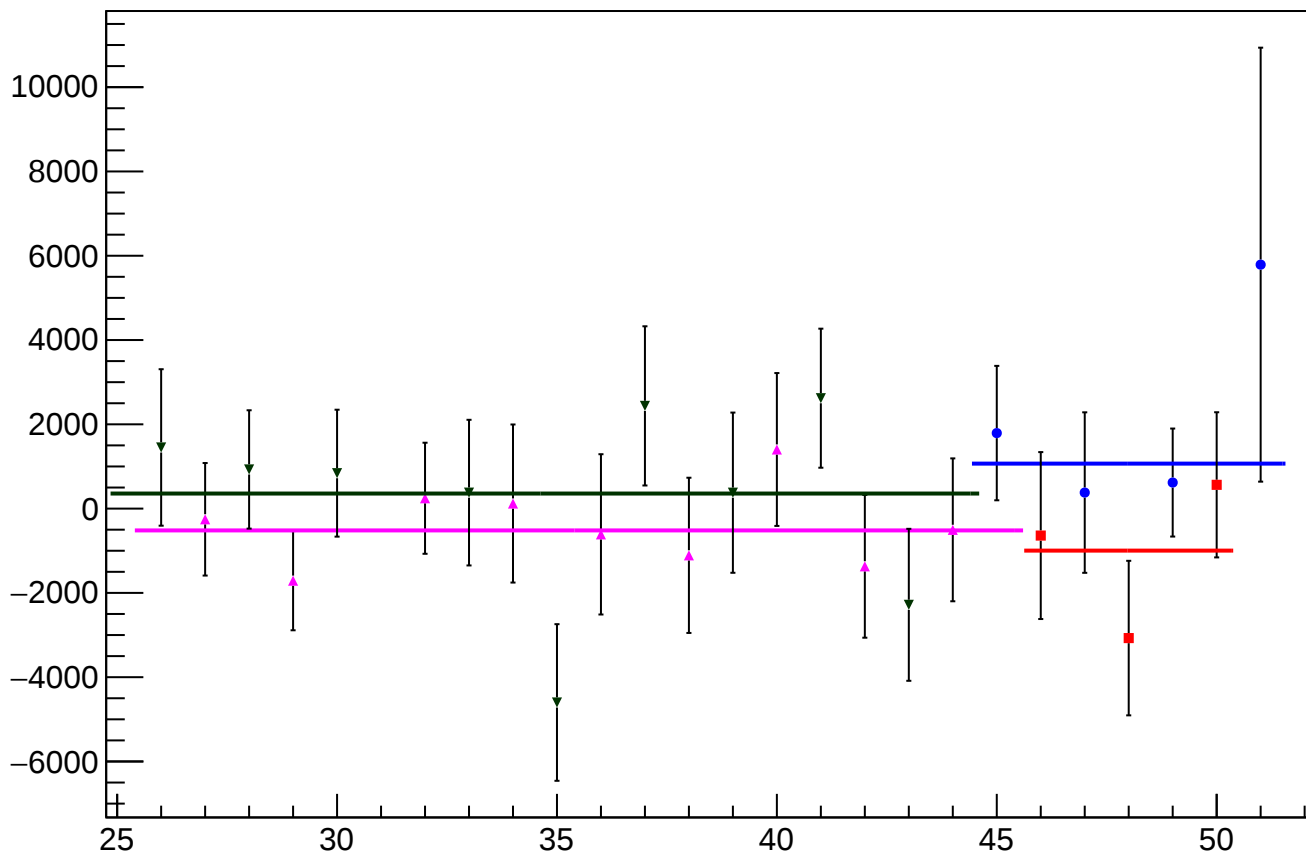
Right Out: 153.204+/-0.094 χ^2/NDF : 73909.4/2

Left In: 83.913+/-0.030 χ^2/NDF : 2211357.4/8

108.929+/-0.033 χ^2/NDF : 2654591.4/12

90.399+/-0.029 χ^2/NDF : 2780772.9/11

reg_asym_sam_26_avg_mean vs slug



Right In: 1067.456 $\pm$ 871.783 χ^2 /NDF: 1.3/3

Left Out: 357.559 $\pm$ 568.392 χ^2 /NDF:13.0/8

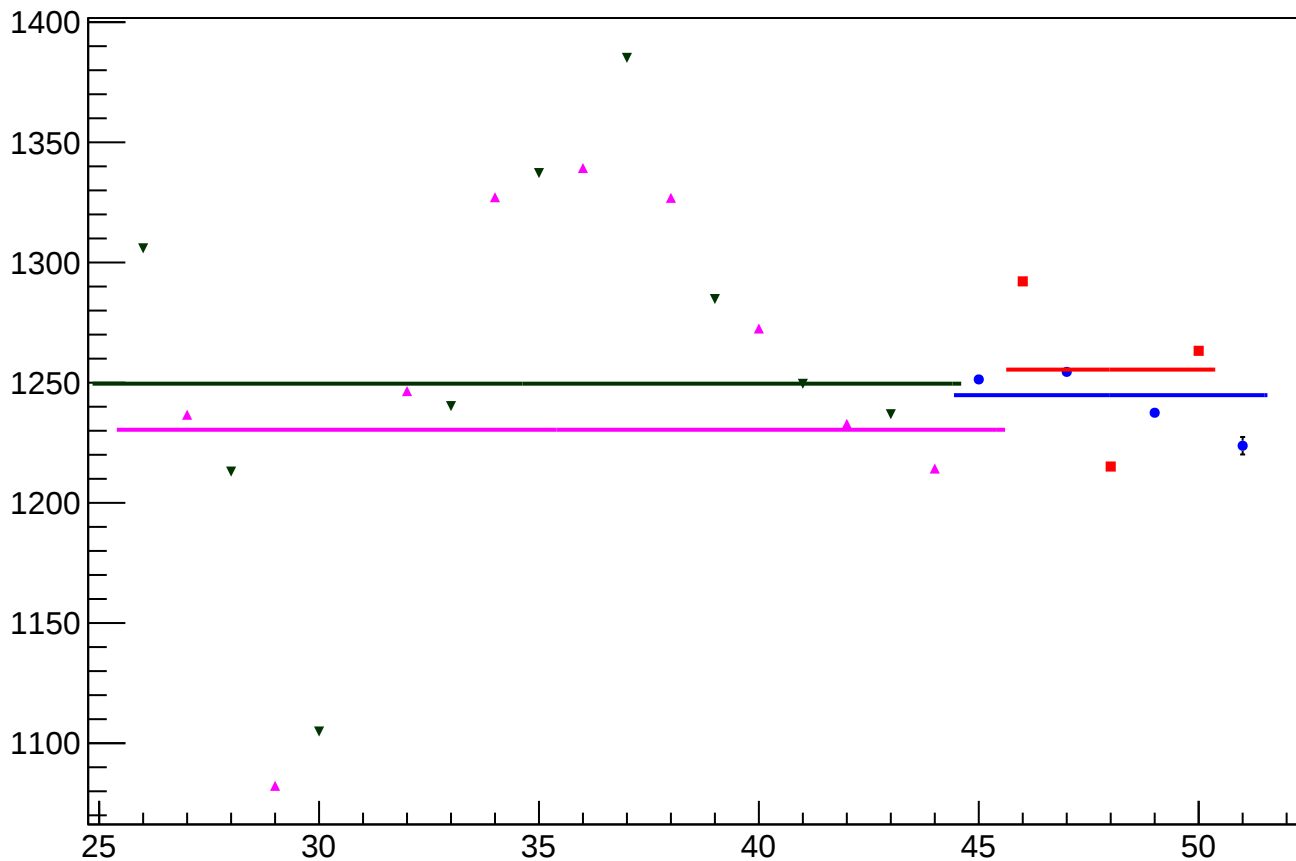
Right Out: -996.722 $\pm$ 1060.262 χ^2 /NDF: 2.1/2

Left In: -517.544 $\pm$ 518.830 χ^2 /NDF:3.0/8

569.313 $\pm$ 476.131 χ^2 /NDF: 14.7/12

-610.118 $\pm$ 466.026 χ^2 /NDF: 5.3/11

reg_asym_sam_26_avg_rms vs slug



Right In: 1244.807+/-0.616 χ^2/NDF : 184.0/3

Left Out: 1249.590+/-0.402 χ^2/NDF : 37264.3/8

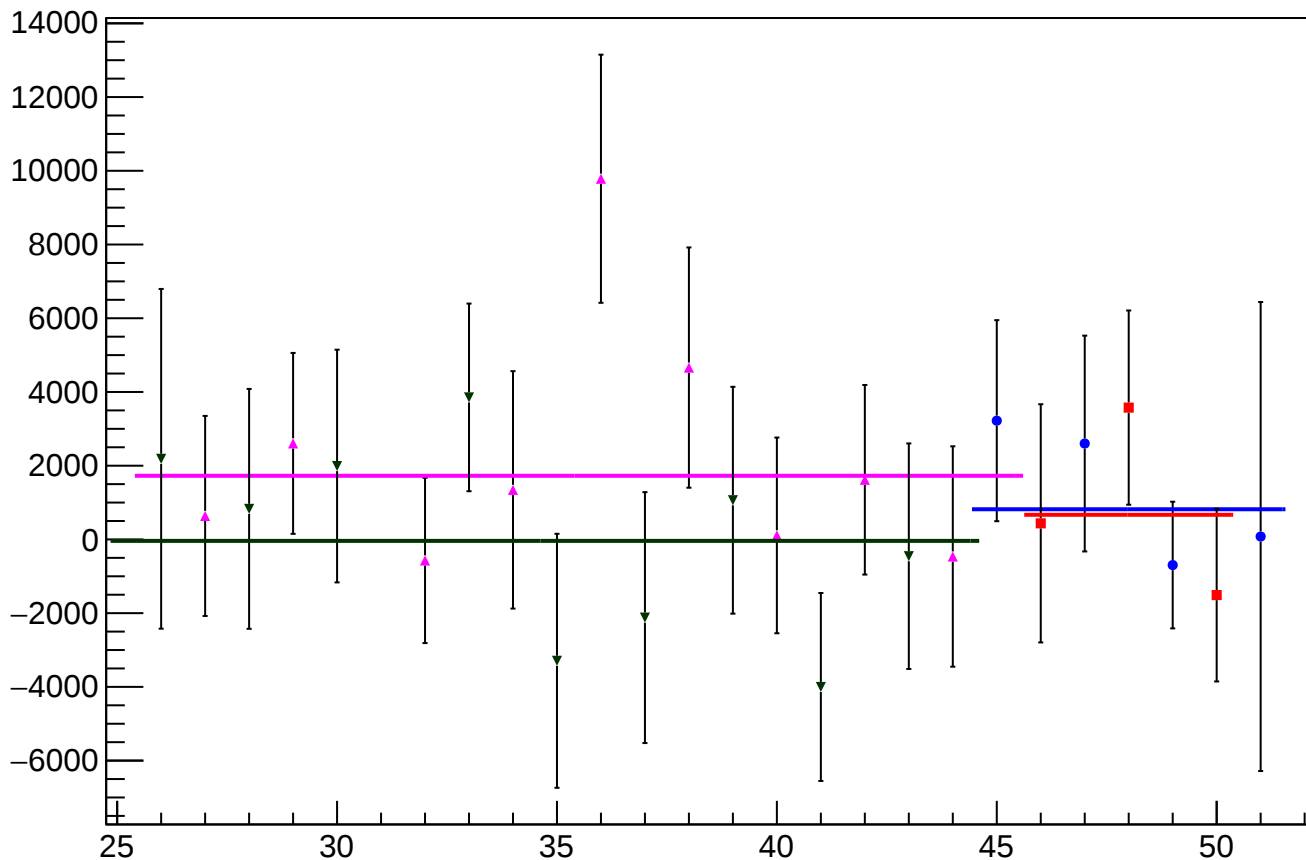
Right Out: 1255.441+/-0.750 χ^2/NDF : 1695.7/2

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.2/8

1248.163+/-0.337 χ^2/NDF : 37490.6/12

1235.249+/-0.330 χ^2/NDF : 53251.0/11

asym_sam_26_avg_correction_mean vs slug



Right In: 818.262 $\pm$ 1275.441 χ^2 /NDF: 1.9/3

Left Out: -39.269 $\pm$ 1035.135 χ^2 /NDF: 6.9/8

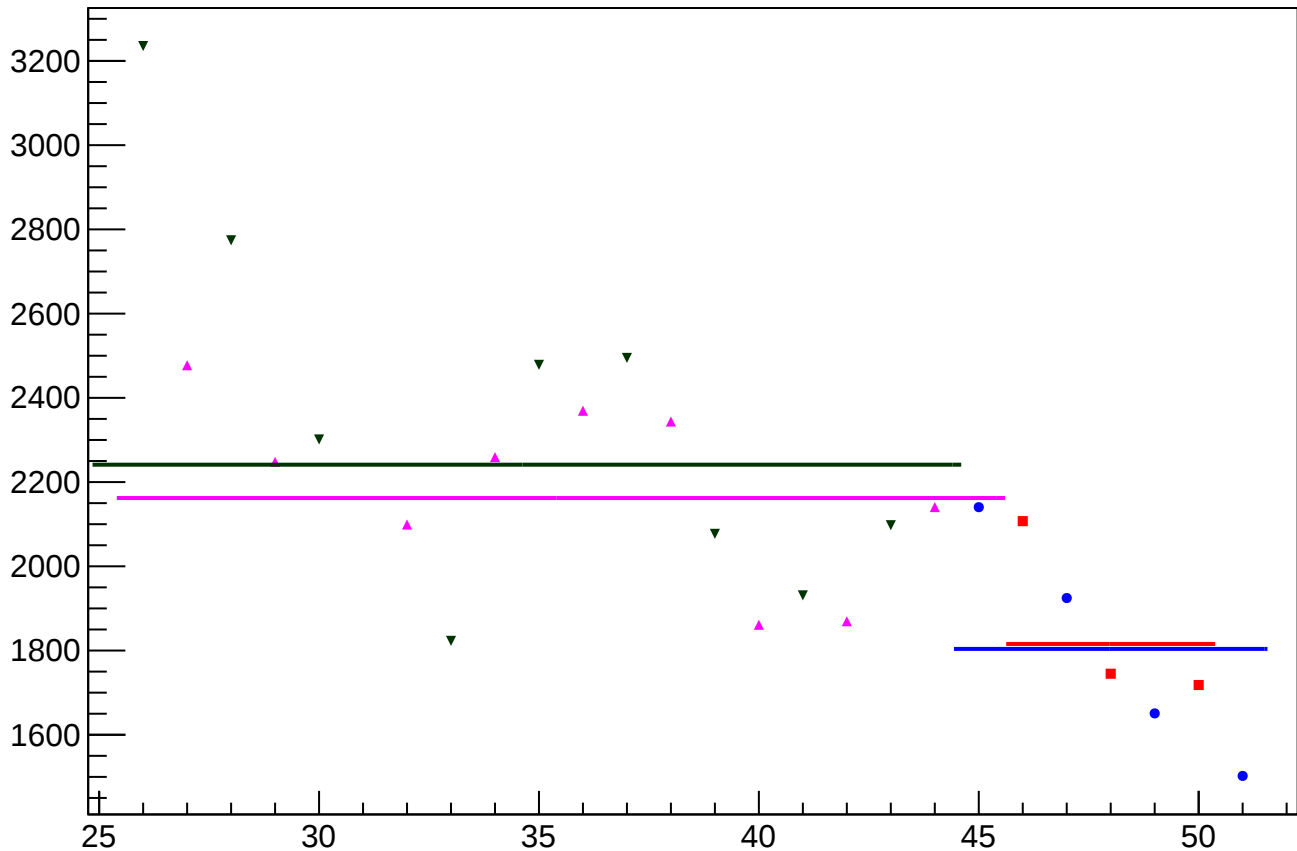
Right Out: 668.599 $\pm$ 1539.478 χ^2 /NDF: 2.1/2

Left In: 1726.912 $\pm$ 918.632 χ^2 /NDF: 8.8/8

301.266 $\pm$ 803.741 χ^2 /NDF: 9.1/12

1449.025 $\pm$ 788.861 χ^2 /NDF: 11.2/11

asym_sam_26_avg_correction_rms vs slug



Right In: 1803.886 ± 0.902 χ^2/NDF : 54253.5/3

Left Out: 2241.302 ± 0.732 χ^2/NDF : 261773.6/8

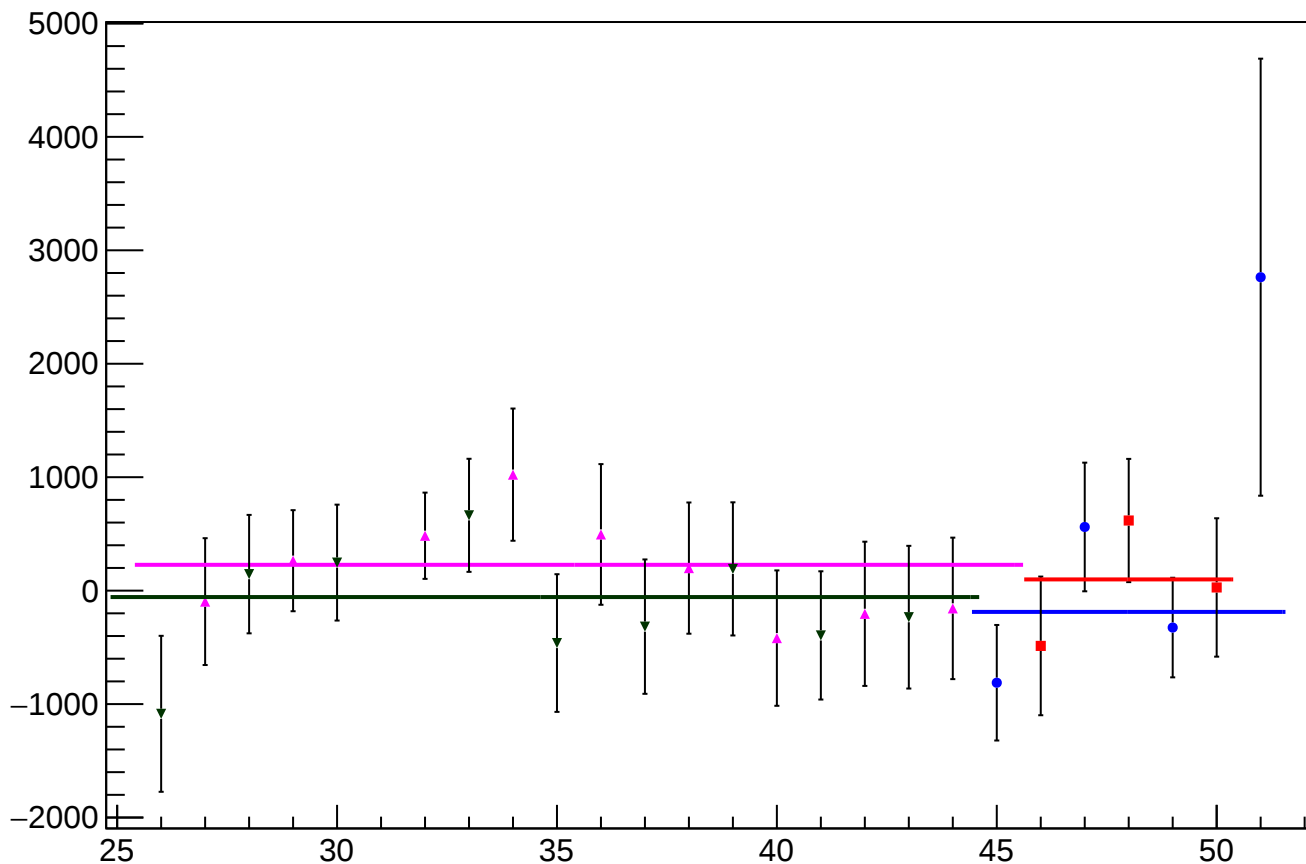
Right Out: 1815.642 ± 1.089 χ^2/NDF : 21191.6/2

Left In: 2162.148 ± 0.650 χ^2/NDF : 98343.3/8

2067.600 ± 0.568 χ^2/NDF : 457847.1/12

2071.164 ± 0.558 χ^2/NDF : 194252.6/11

reg_asym_sam_37_avg_mean vs slug



Right In: -187.403 ± 283.685 $\chi^2/\text{NDF}: 5.7/3$

Left Out: -56.564 ± 189.750 $\chi^2/\text{NDF}: 6.1/8$

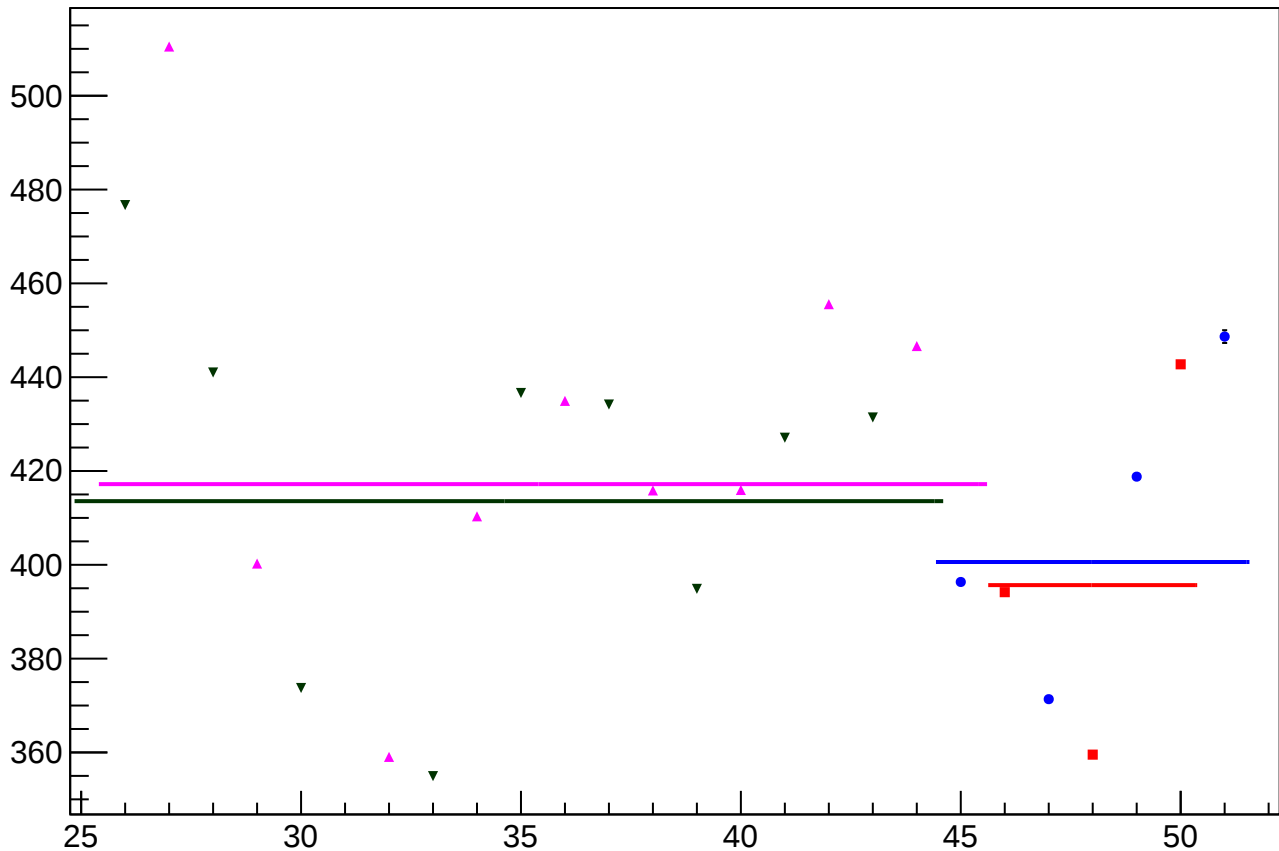
Right Out: 98.962 ± 337.962 $\chi^2/\text{NDF}: 1.8/2$

Left In: 227.618 ± 178.031 $\chi^2/\text{NDF}: 4.9/8$

-97.007 ± 157.720 $\chi^2/\text{NDF}: 11.9/12$

199.671 ± 157.513 $\chi^2/\text{NDF}: 6.8/11$

reg_asym_sam_37_avg_rms vs slug



Right In: 400.599 ± 0.201 $\chi^2/\text{NDF}: 10140.9/3$

Left Out: 413.572 ± 0.134 $\chi^2/\text{NDF}: 72321.2/8$

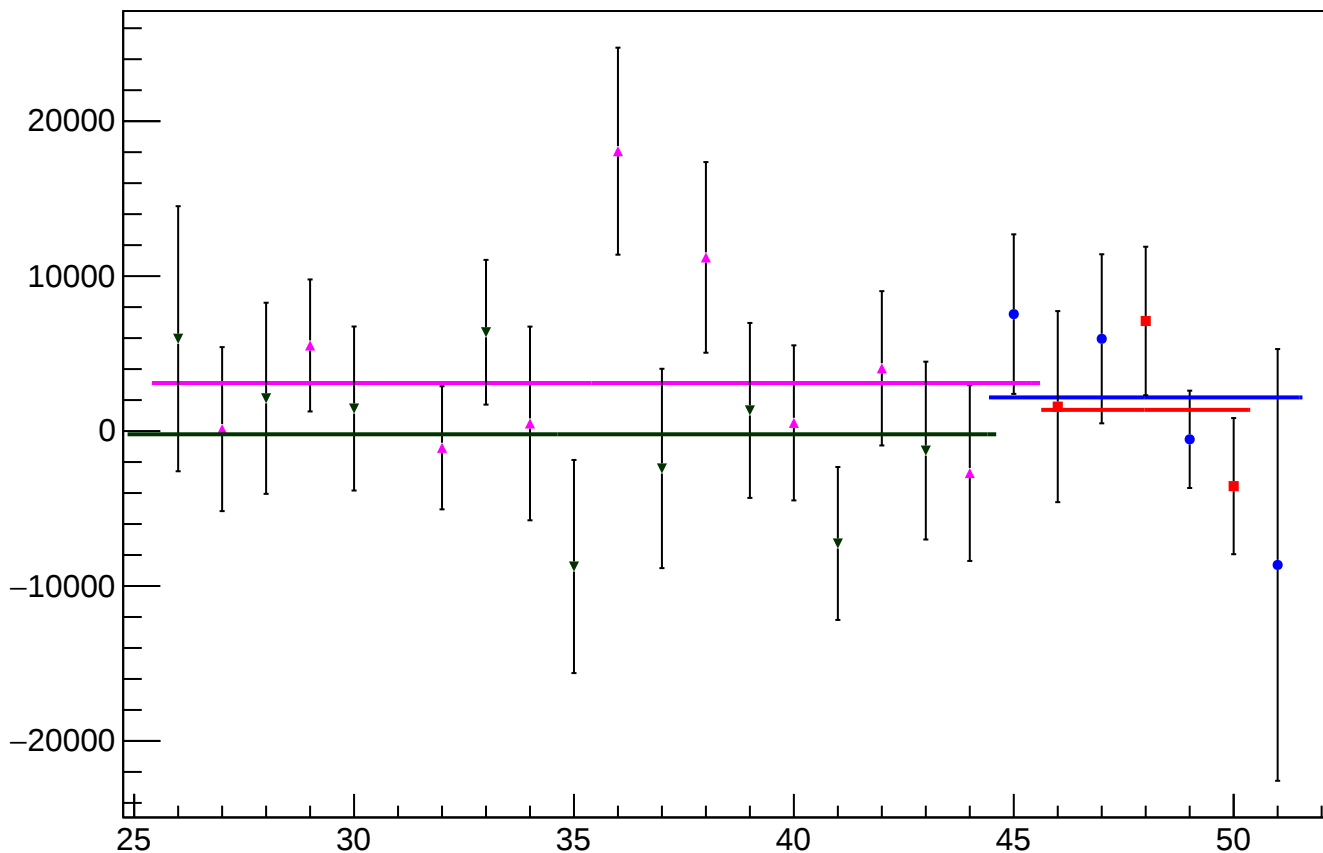
Right Out: 395.671 ± 0.239 $\chi^2/\text{NDF}: 20778.2/2$

Left In: 417.201 ± 0.126 $\chi^2/\text{NDF}: 119064.3/8$

409.562 ± 0.112 $\chi^2/\text{NDF}: 85351.8/12$

412.524 ± 0.111 $\chi^2/\text{NDF}: 146196.2/11$

asym_sam_37_avg_correction_mean vs slug



Right In: 2171.512 $\pm$ 2371.497 χ^2 /NDF: 2.9/3

Left Out: -208.829 $\pm$ 1925.930 χ^2 /NDF:6.6/8

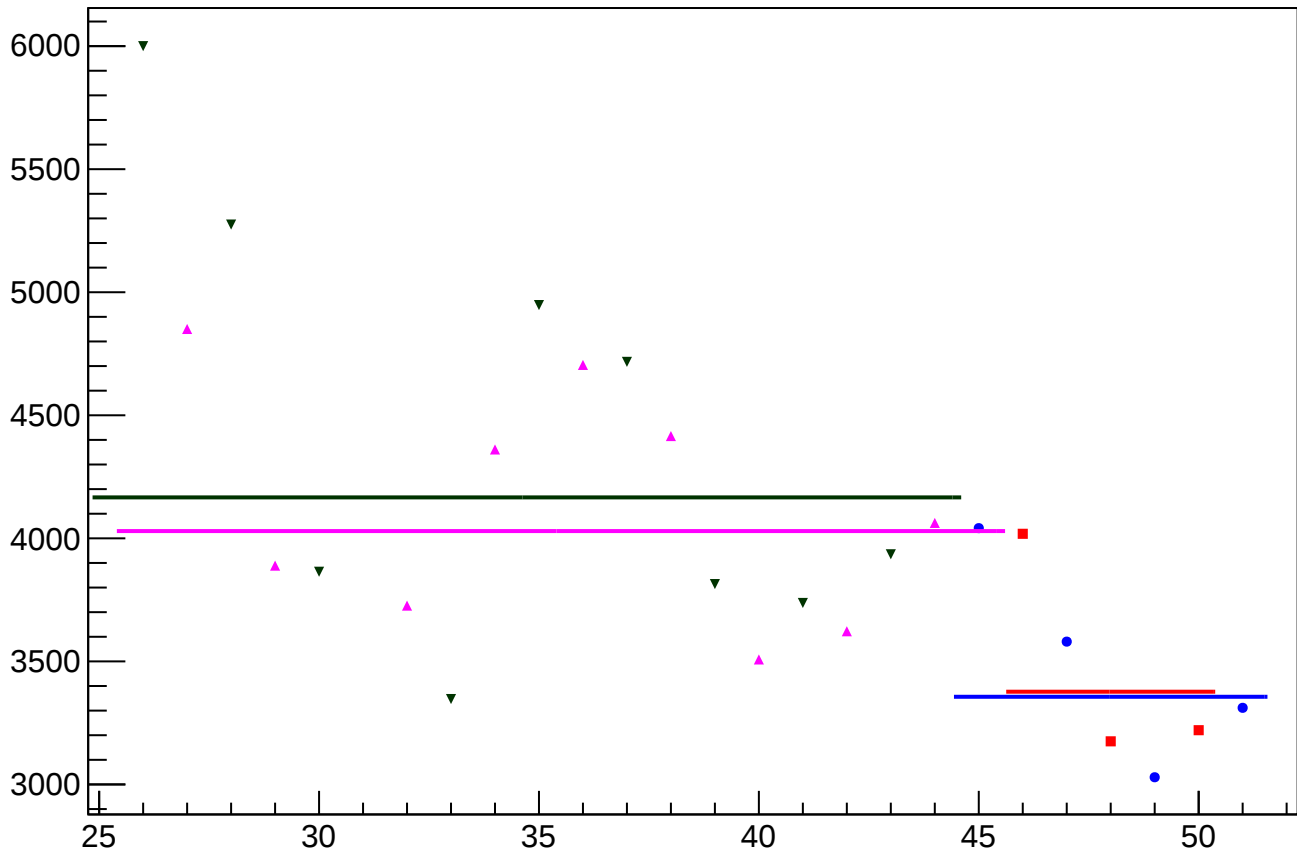
Right Out: 1368.533 $\pm$ 2867.317 χ^2 /NDF: 2.7/2

Left In: 3100.951 $\pm$ 1715.208 χ^2 /NDF:10.0/8

737.167 $\pm$ 1495.022 χ^2 /NDF: 10.1/12

2644.401 $\pm$ 1471.951 χ^2 /NDF: 13.0/11

asym_sam_37_avg_correction_rms vs slug



Right In: 3356.218+/-1.677 χ^2/NDF : 60491.7/3

Left Out: 4166.379+/-1.362 χ^2/NDF : 291206.4/8

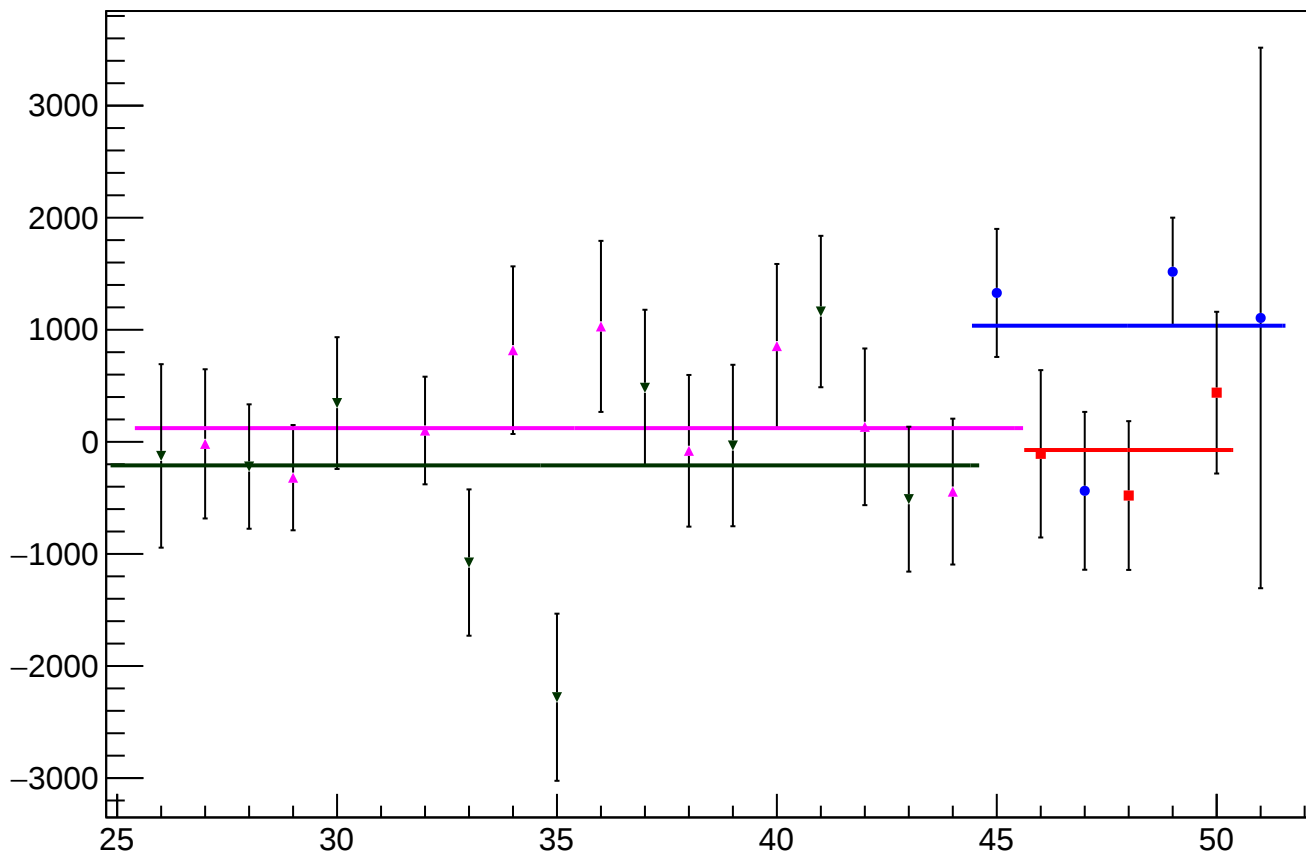
3844.405+/-1.057 χ^2/NDF : 492348.9/12

Right Out: 3376.824+/-2.027 χ^2/NDF : 27736.9/2

3857.506+/-1.041 χ^2/NDF : 235108.7/11

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

reg_asym_sam_48_avg_mean vs slug



Right In: 1036.427 $\pm$ 323.746 χ^2/NDF : 5.6/3

Left Out: -209.900 $\pm$ 221.674 χ^2/NDF : 15.8/8

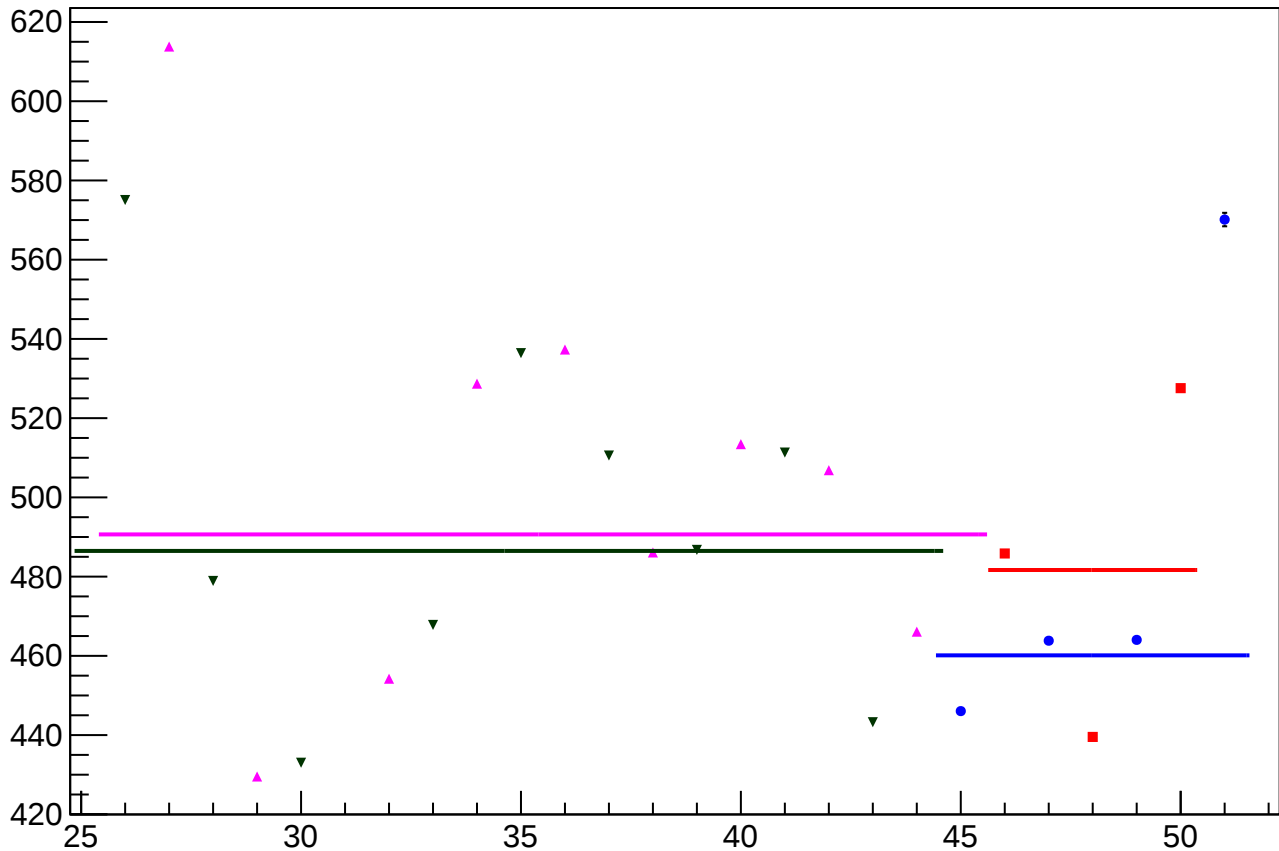
Right Out: -72.765 $\pm$ 408.772 χ^2/NDF : 0.9/2

Left In: 122.495 $\pm$ 208.120 χ^2/NDF : 5.1/8

187.913 $\pm$ 182.906 χ^2/NDF : 31.5/12

82.299 $\pm$ 185.466 χ^2/NDF : 6.1/11

reg_asym_sam_48_avg_rms vs slug



Right In: 460.126+/-0.229 χ^2/NDF : 5561.2/3

Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

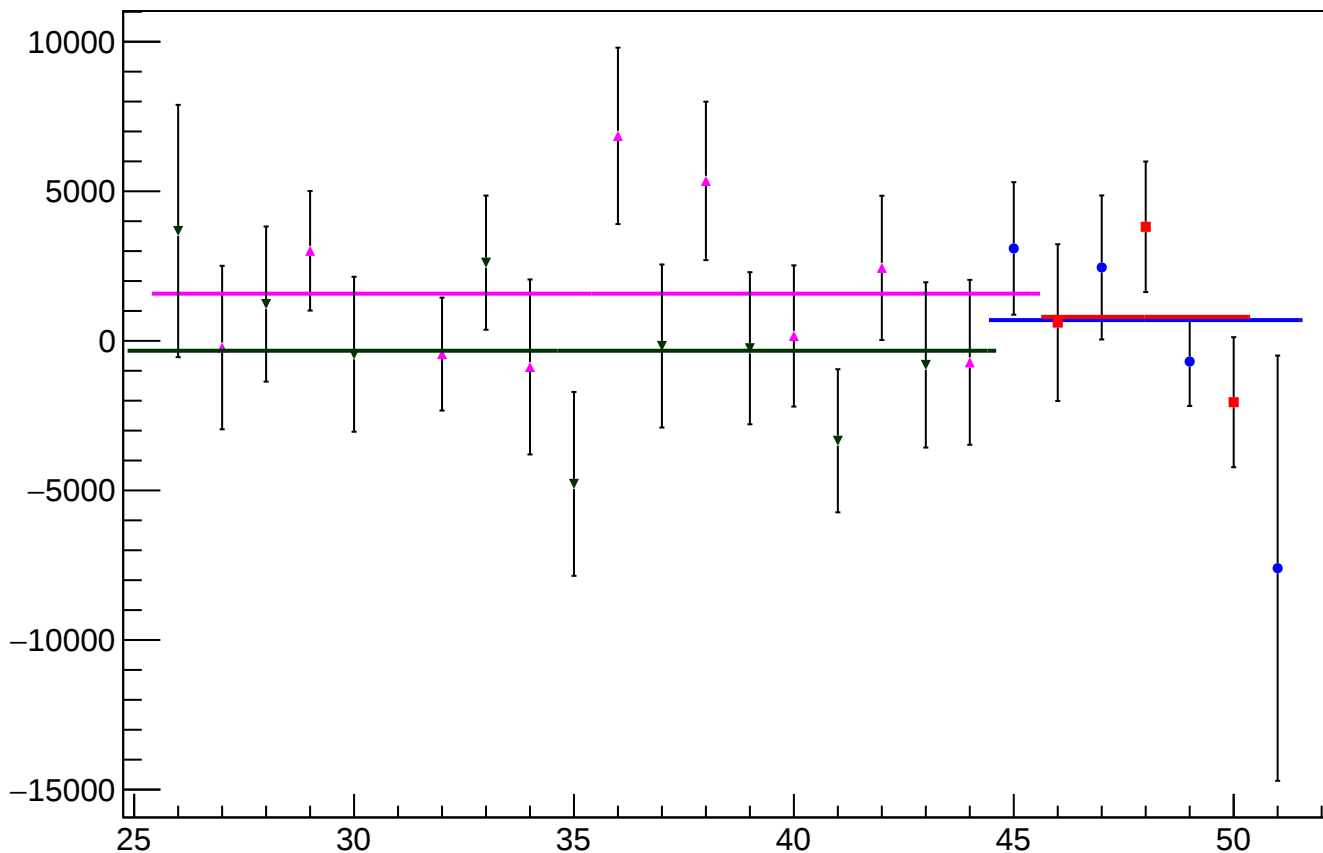
478.072+/-0.129 χ^2/NDF : 79558.2/12

Right Out: 481.670+/-0.289 χ^2/NDF : 16216.6/2

488.801+/-0.131 χ^2/NDF : 149351.0/11

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

asym_sam_48_avg_correction_mean vs slug



Right In: 694.599+/-1085.287 χ^2/NDF : 3.9/3

Left Out: -330.295+/-892.971 χ^2/NDF : 6.7/8

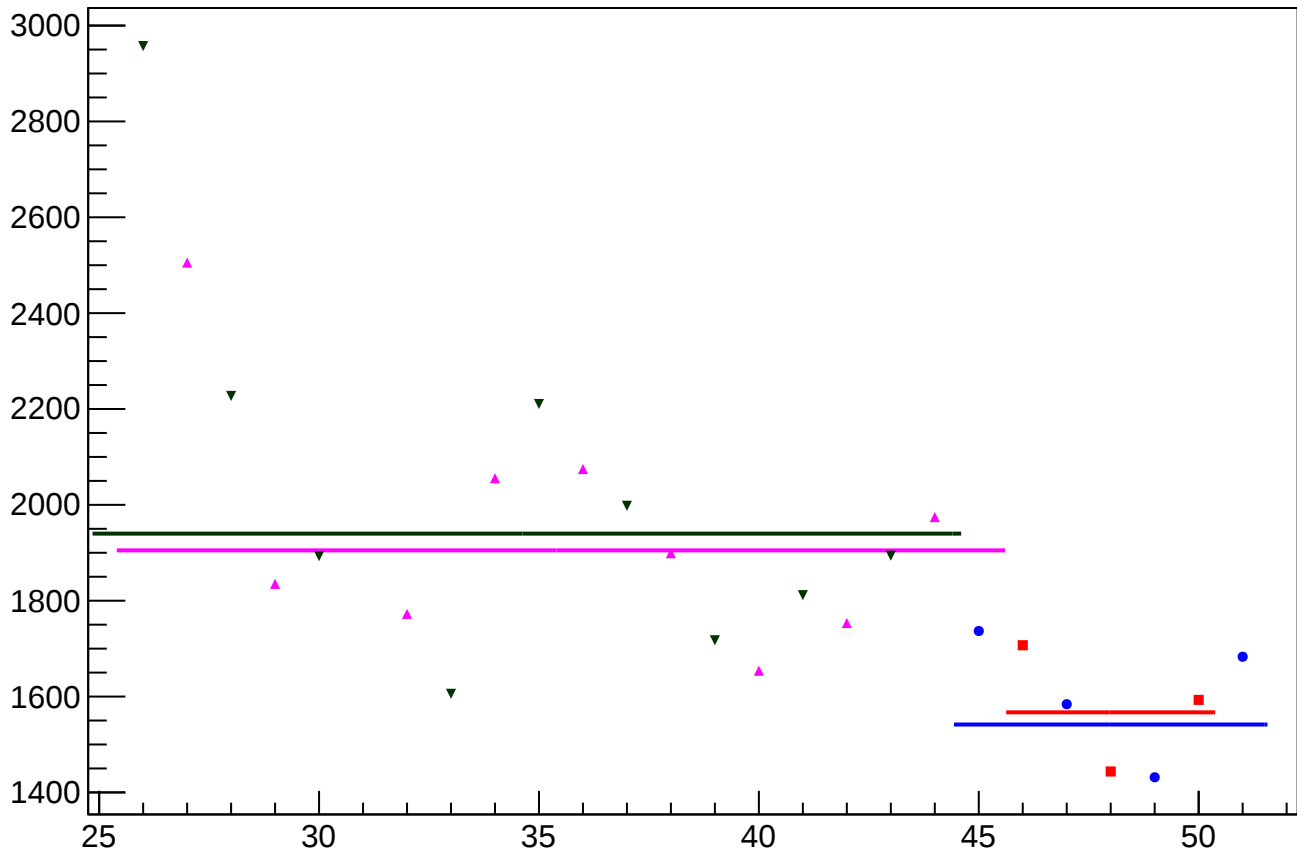
Right Out: 803.100+/-1327.483 χ^2/NDF : 3.6/2

Left In: 1578.556+/-810.363 χ^2/NDF : 9.2/8

83.450+/-689.559 χ^2/NDF : 11.2/12

1368.034+/-691.671 χ^2/NDF : 13.1/11

asym_sam_48_avg_correction_rms vs slug



Right In: 1541.658 ± 0.767 χ^2/NDF : 27906.3/3

Left Out: 1939.983 ± 0.631 χ^2/NDF : 224092.6/8

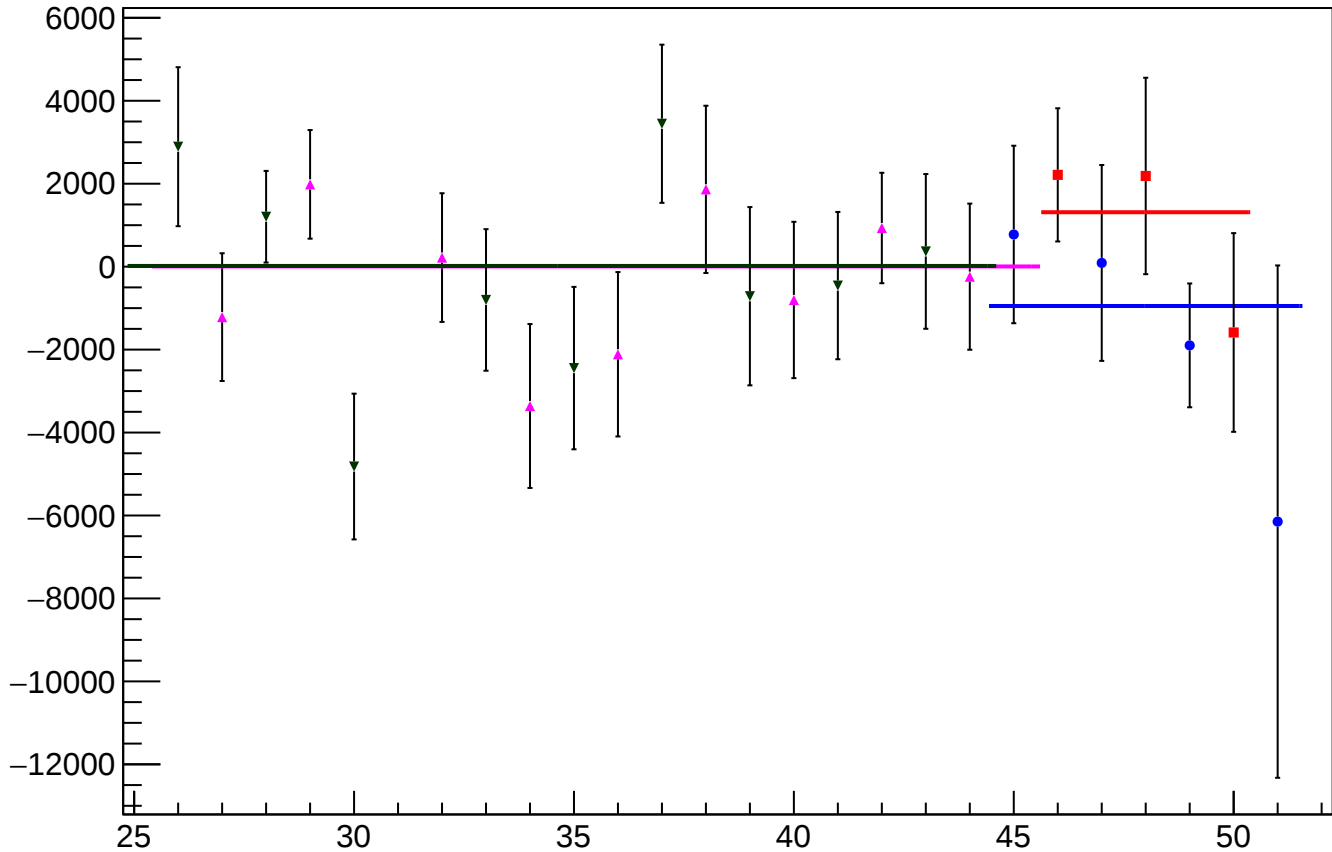
Right Out: 1567.077 ± 0.939 χ^2/NDF : 12400.0/2

Left In: 1905.010 ± 0.573 χ^2/NDF : 152614.4/8

1779.181 ± 0.488 χ^2/NDF : 412649.8/12

1813.267 ± 0.489 χ^2/NDF : 259436.5/11

asym_sam_15_dd_mean vs slug



Right In: -948.402+/-1070.371 χ^2/NDF : 2.0/3

Left Out: 17.049+/-566.564 χ^2/NDF :16.2/8

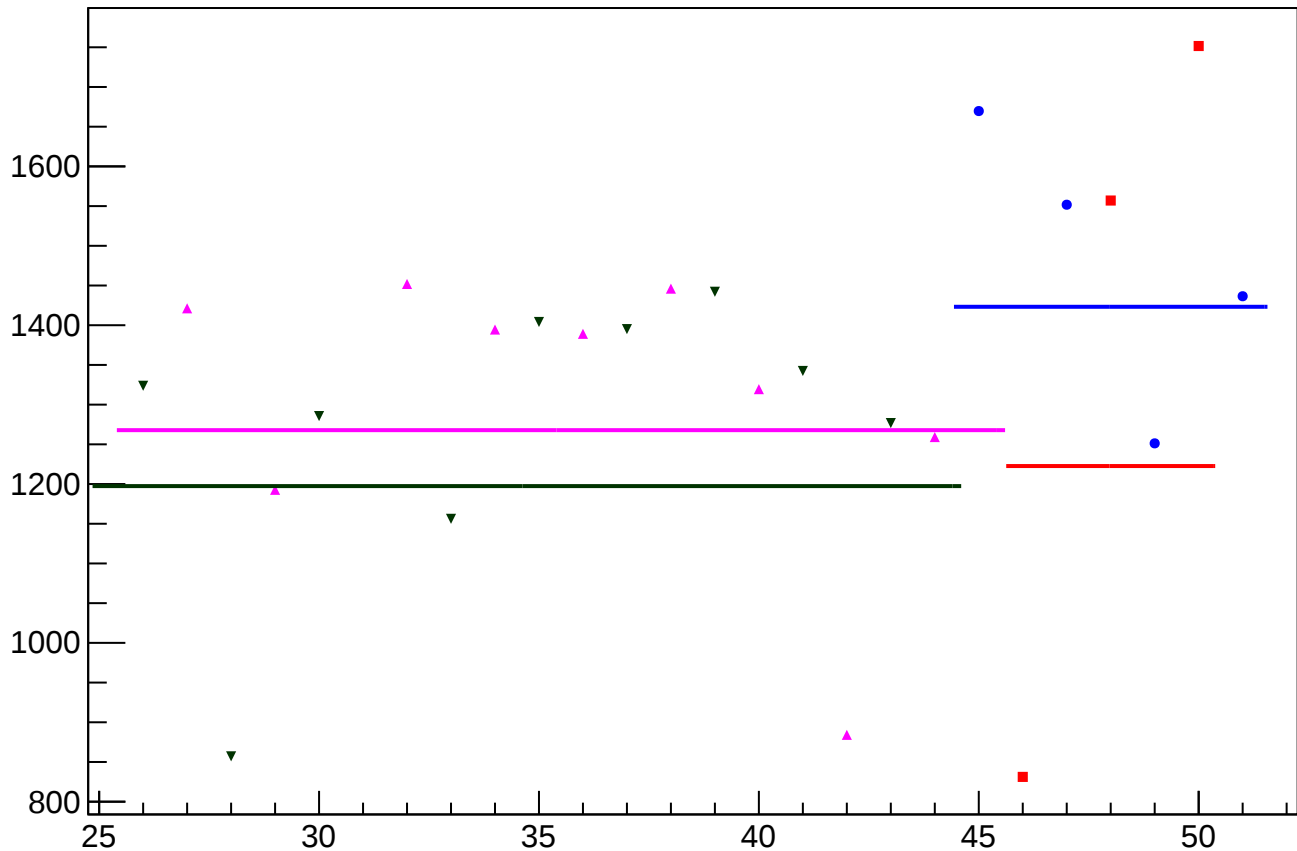
Right Out: 1312.357+/-1162.274 χ^2/NDF : 1.9/2

Left In: 4.879+/-546.821 χ^2/NDF :8.5/8

-194.246+/-500.742 χ^2/NDF : 18.8/12

241.836+/-494.796 χ^2/NDF : 11.5/11

asym_sam_15_dd_rms vs slug



Right In: 1423.217+/-0.757 χ^2/NDF : 59020.9/3

Left Out: 1197.414+/-0.401 χ^2/NDF :291303.5/8

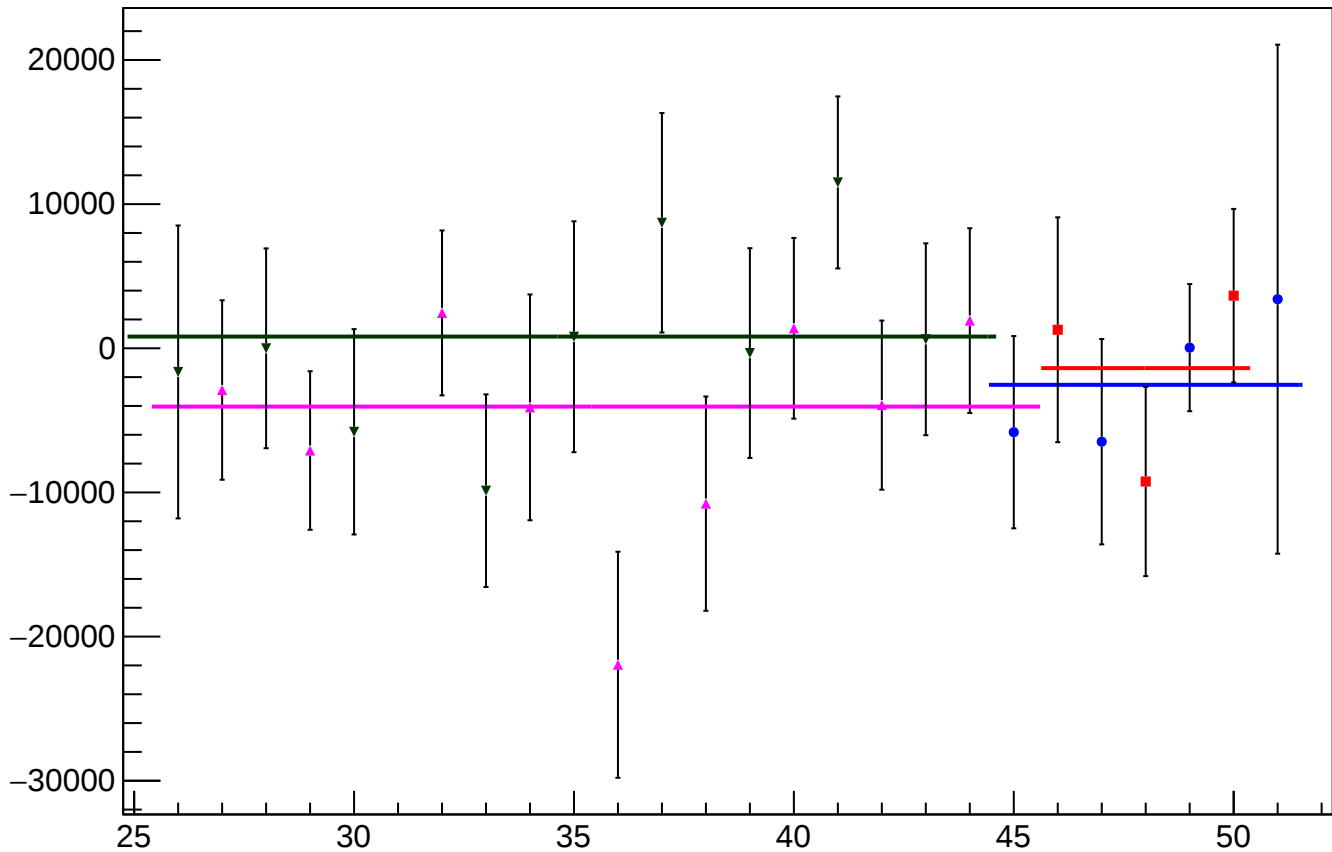
Right Out: 1222.659+/-0.822 χ^2/NDF : 256182.0/2

Left In: 1267.855+/-0.387 χ^2/NDF :253536.2/8

1246.832+/-0.354 χ^2/NDF : 419851.5/12

1259.664+/-0.350 χ^2/NDF : 512194.4/11

asym_sam_26_dd_mean vs slug



Right In: -2534.876+/-3214.162 χ^2/NDF : 1.0/3

Left Out: 812.648+/-2390.317 χ^2/NDF : 7.8/8

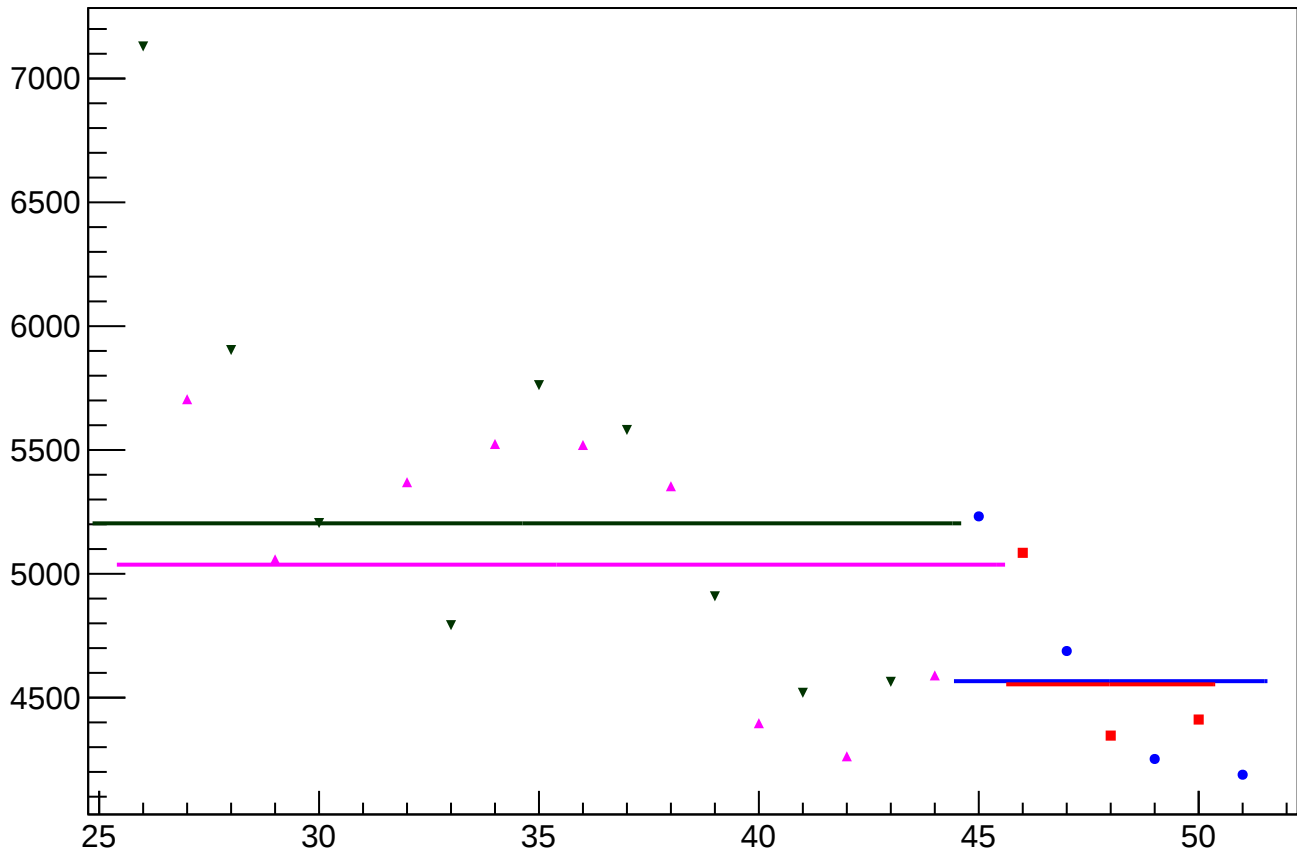
-379.444+/-1918.054 χ^2/NDF : 9.5/12

Right Out: -1376.261+/-3855.722 χ^2/NDF : 2.2/2

-3417.491+/-1869.211 χ^2/NDF : 11.9/11

Left In: -4044.605+/-2137.141 χ^2/NDF : 9.3/8

asym_sam_26_dd_rms vs slug



Right In: 4566.513+/-2.273 χ^2/NDF : 31556.1/3

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

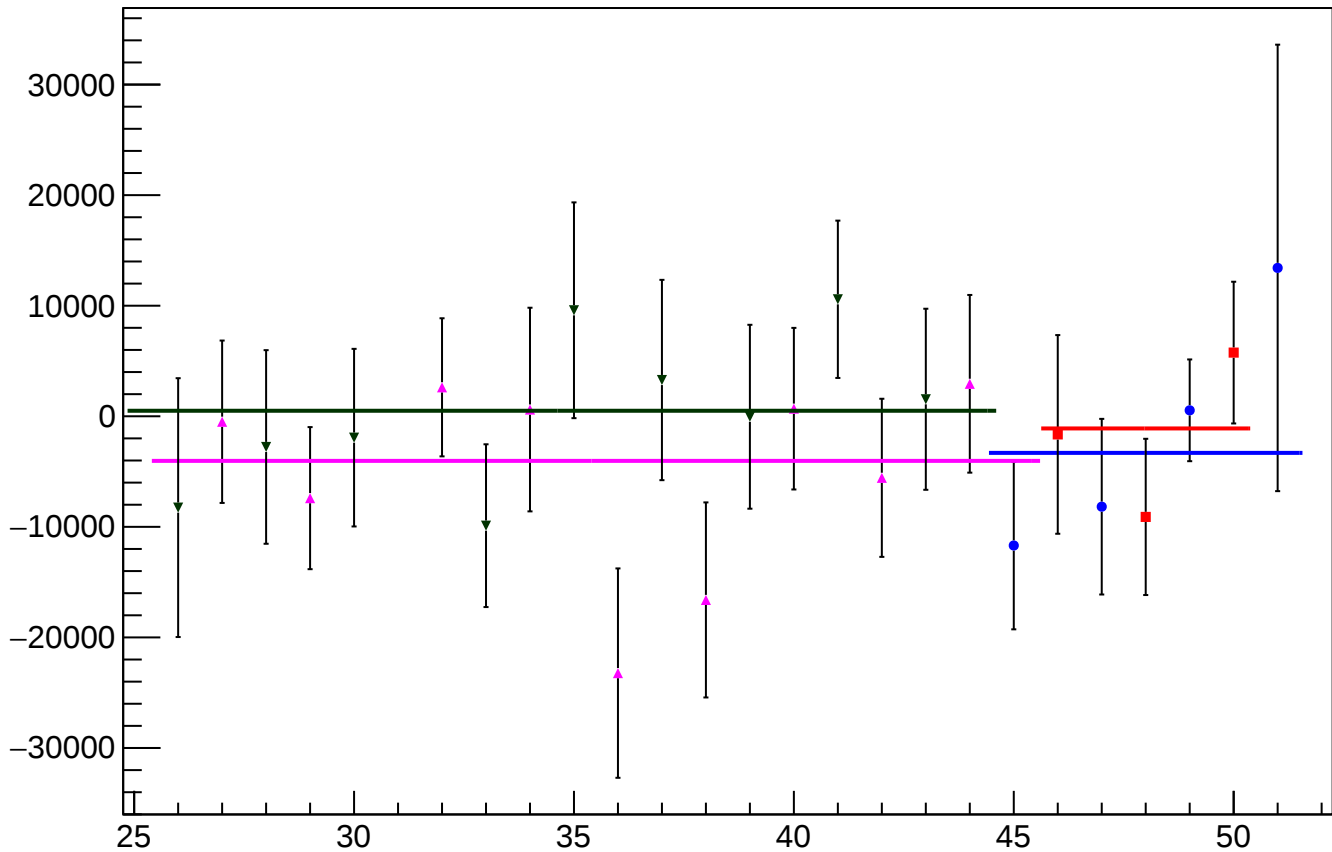
Right Out: 4553.696+/-2.726 χ^2/NDF : 12376.7/2

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

4976.875+/-1.356 χ^2/NDF : 244697.2/12

4923.391+/-1.322 χ^2/NDF : 150635.1/11

asym_sam_37_dd_mean vs slug



Right In: -3310.025+/-3472.424 χ^2/NDF : 3.0/3

Left Out: 499.140+/-2815.711 χ^2/NDF : 5.8/8

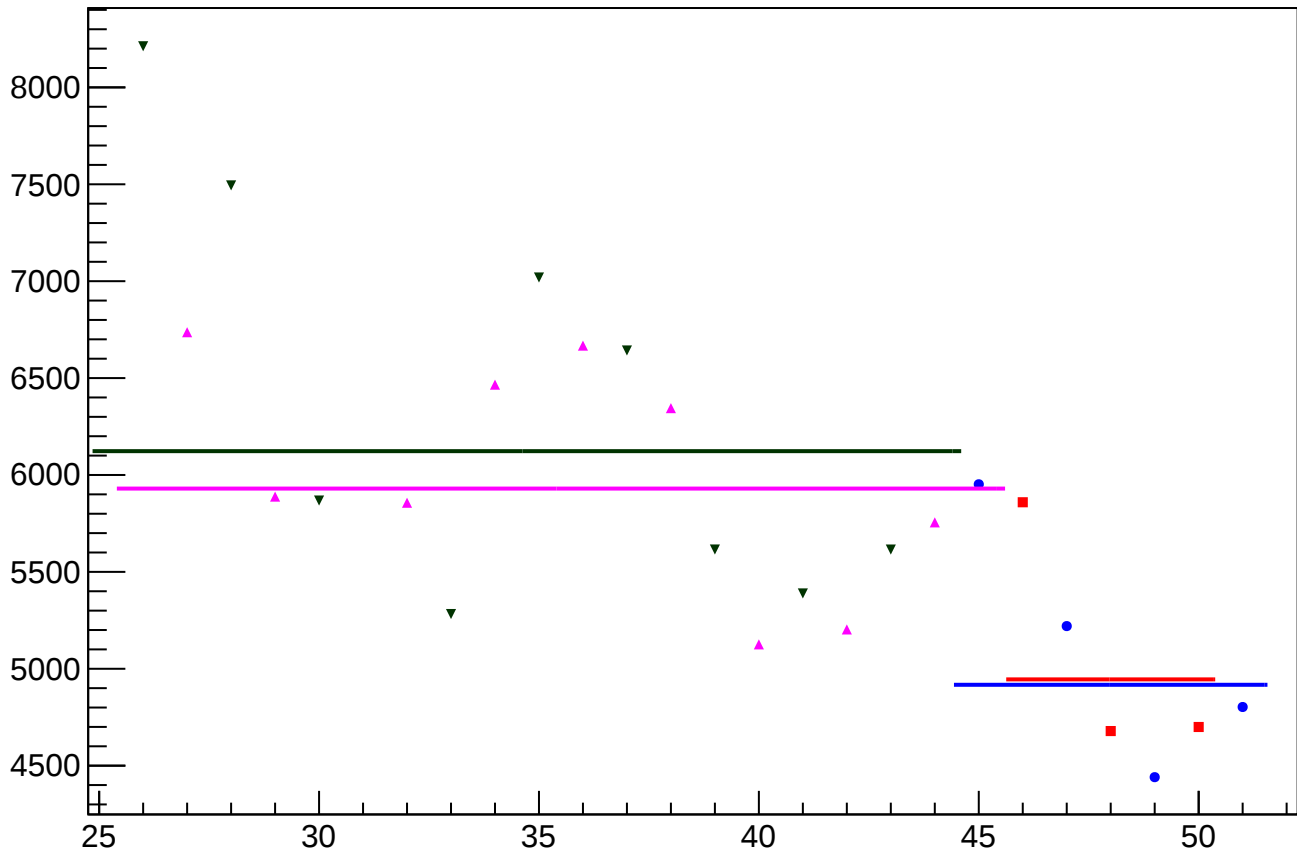
-1011.917+/-2187.048 χ^2/NDF : 9.5/12

Right Out: -1100.649+/-4197.000 χ^2/NDF : 2.4/2

-3258.403+/-2157.851 χ^2/NDF : 12.0/11

Left In: -4033.740+/-2515.841 χ^2/NDF : 9.3/8

asym_sam_37_dd_rms vs slug



Right In: 4917.356+/-2.455 χ^2/NDF : 61674.4/3

Left Out: 6122.948+/-1.991 χ^2/NDF :200766.5/8

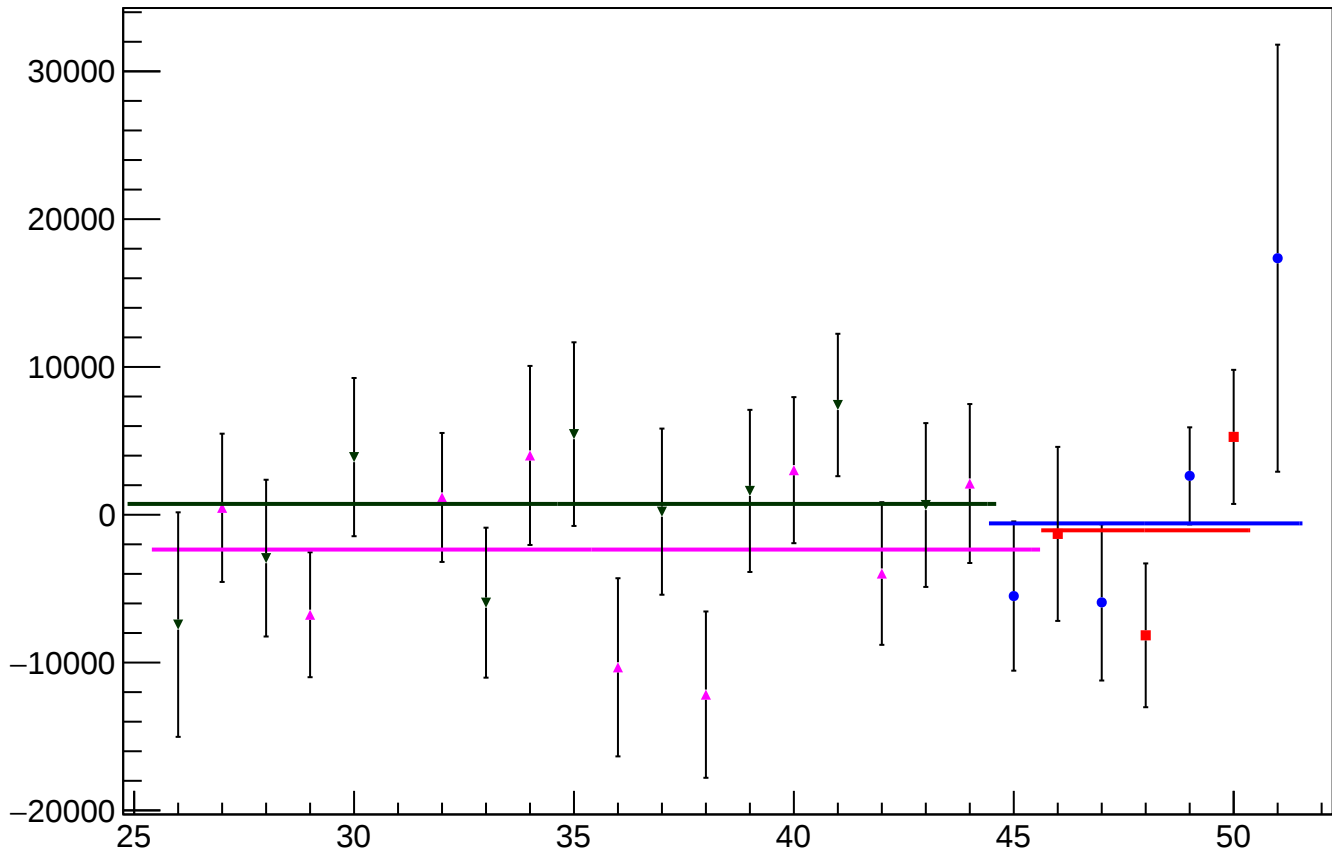
Right Out: 4945.266+/-2.968 χ^2/NDF : 26484.0/2

Left In: 5929.846+/-1.779 χ^2/NDF :93668.6/8

5644.702+/-1.546 χ^2/NDF : 407888.1/12

5669.581+/-1.526 χ^2/NDF : 201123.8/11

asym_sam_48_dd_mean vs slug



Right In: -584.098+/-2407.494 χ^2/NDF : 4.5/3

Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

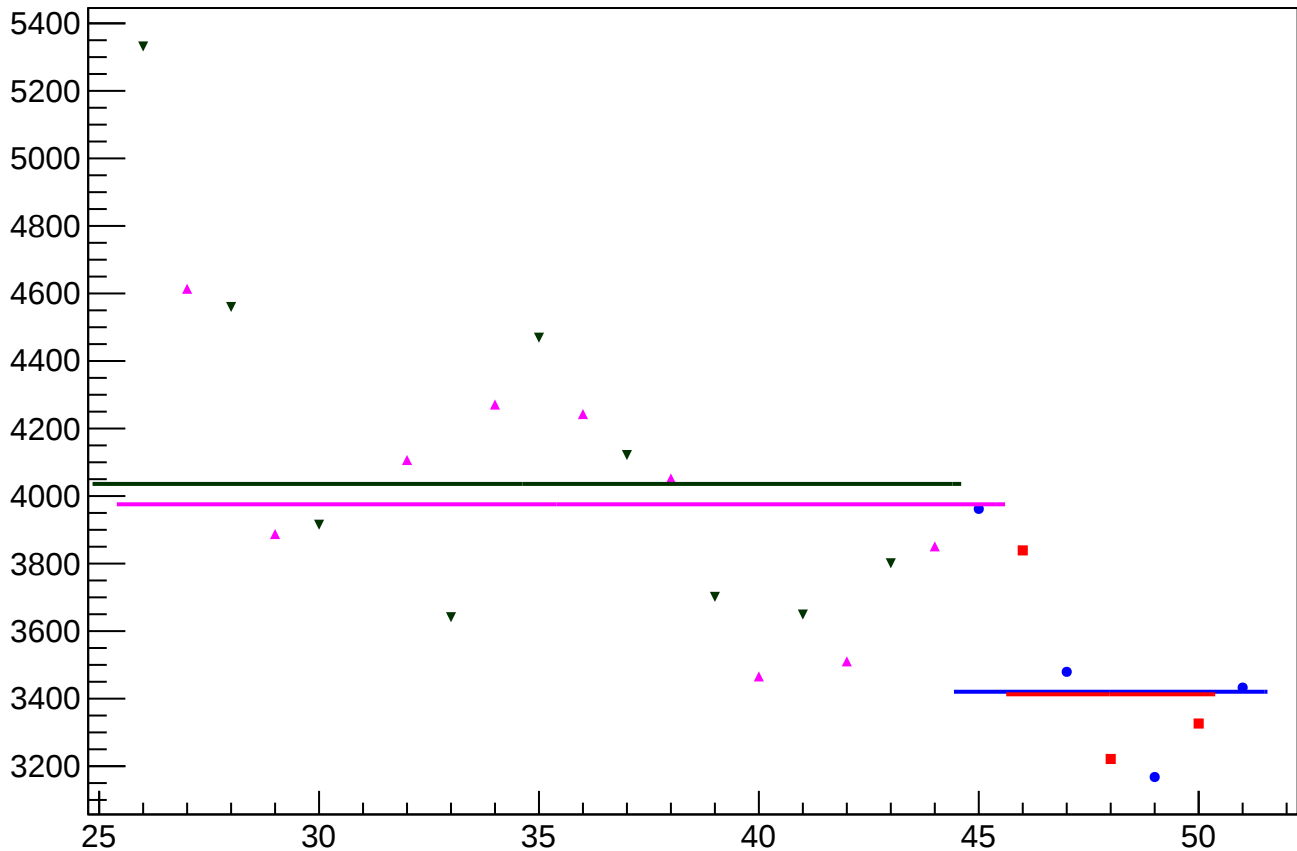
245.378+/-1465.450 χ^2/NDF : 10.9/12

Right Out: -1052.597+/-2890.203 χ^2/NDF : 4.1/2

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

-2025.136+/-1454.200 χ^2/NDF : 14.2/11

asym_sam_48_dd_rms vs slug



Right In: 3420.455+/-1.702 χ^2/NDF : 35085.6/3

Left Out: 4035.979+/-1.306 χ^2/NDF :124959.6/8

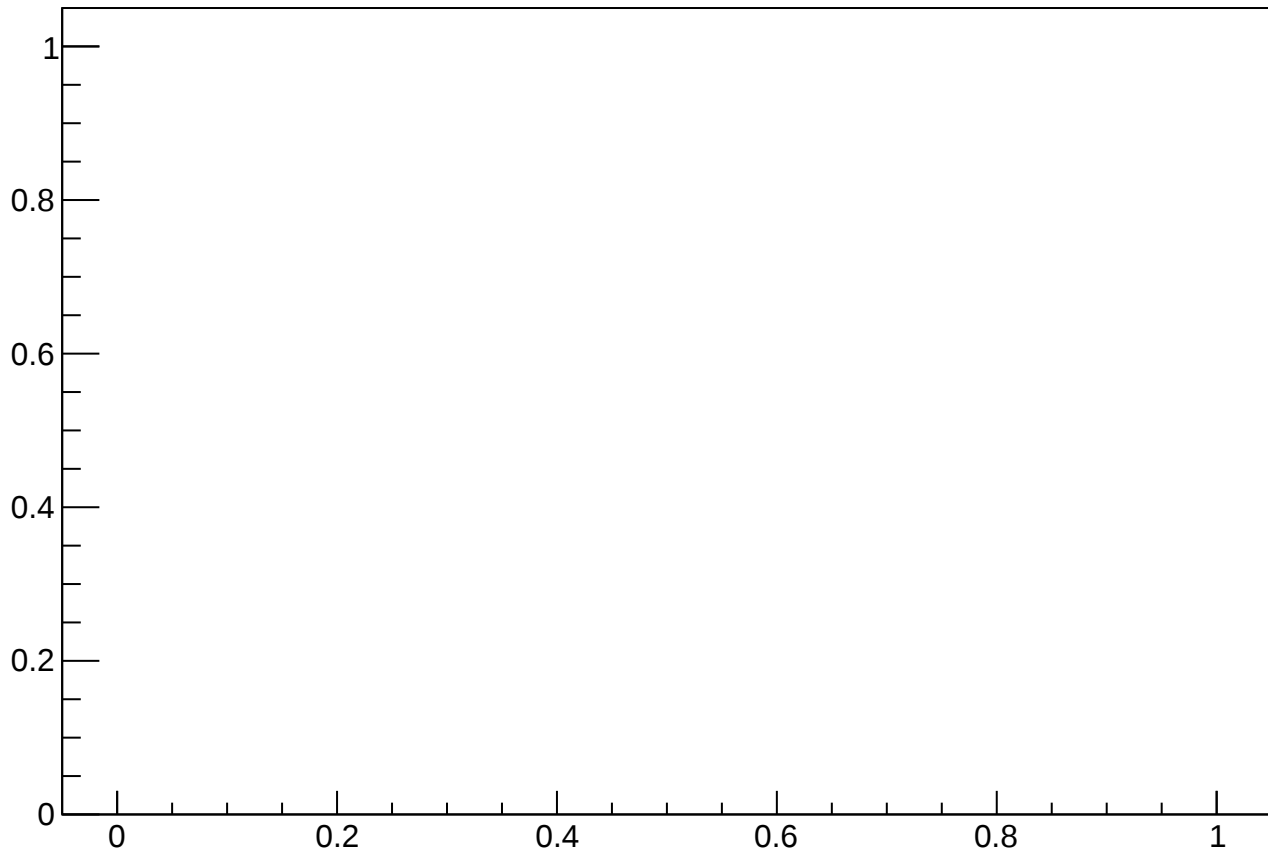
Right Out: 3412.844+/-2.044 χ^2/NDF : 14310.5/2

Left In: 3975.604+/-1.190 χ^2/NDF :85088.4/8

3807.915+/-1.036 χ^2/NDF : 242339.7/12

3833.137+/-1.028 χ^2/NDF : 156029.3/11

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

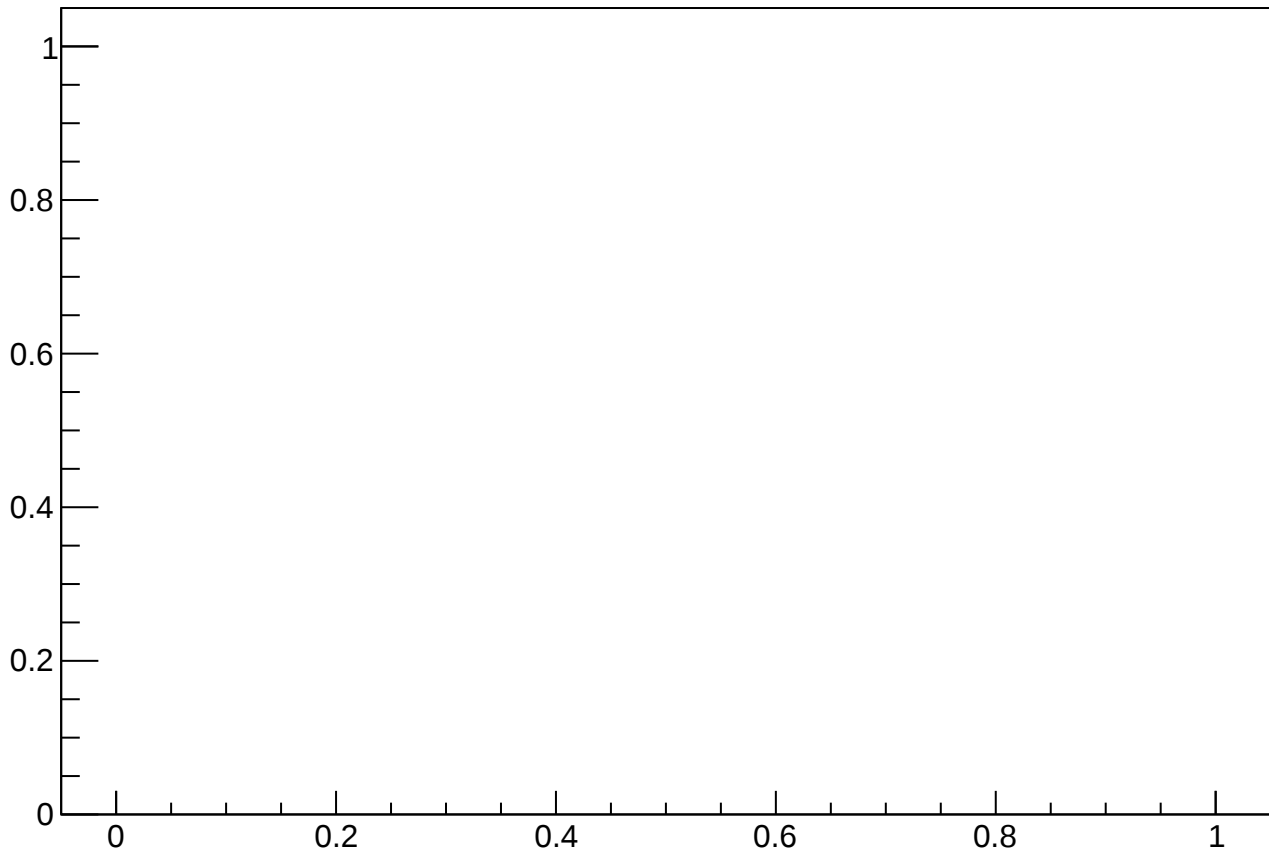
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

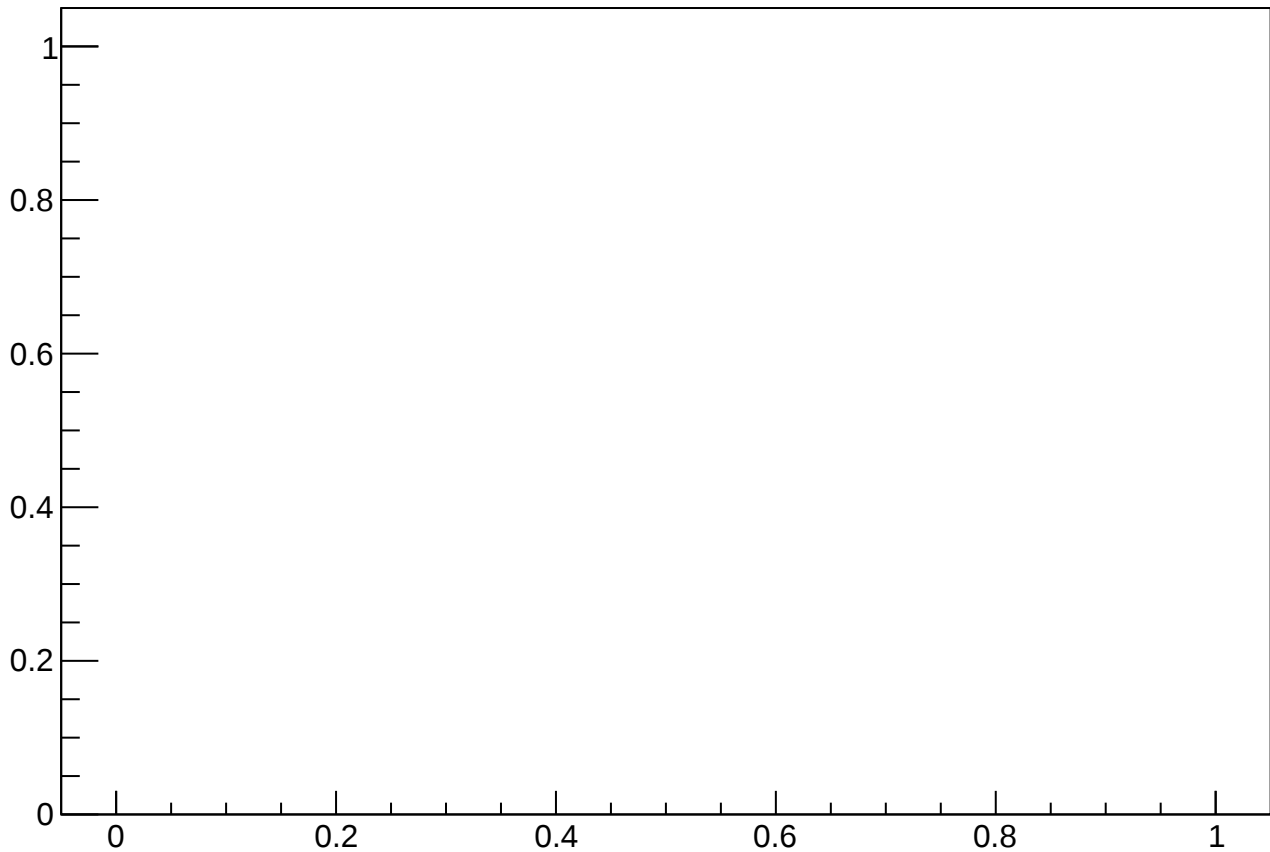
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

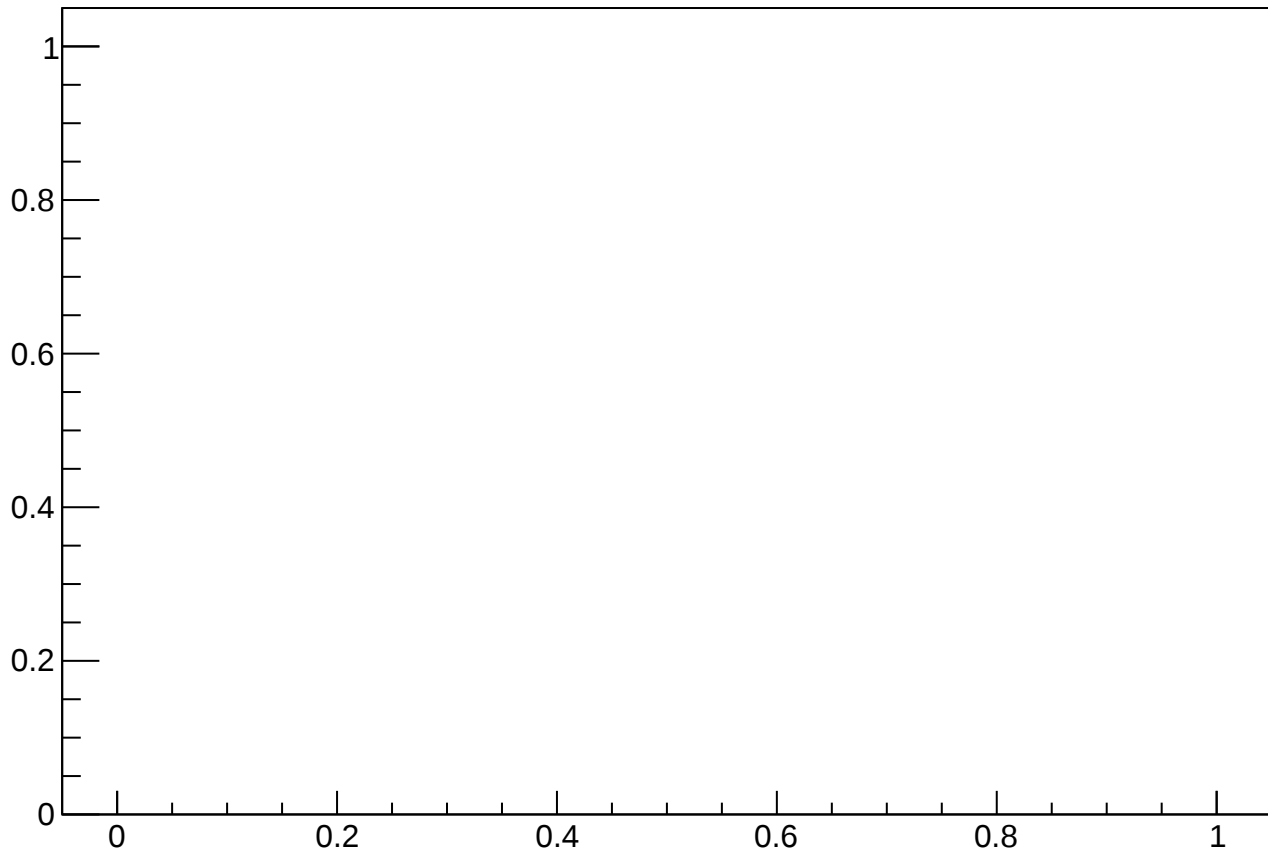
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

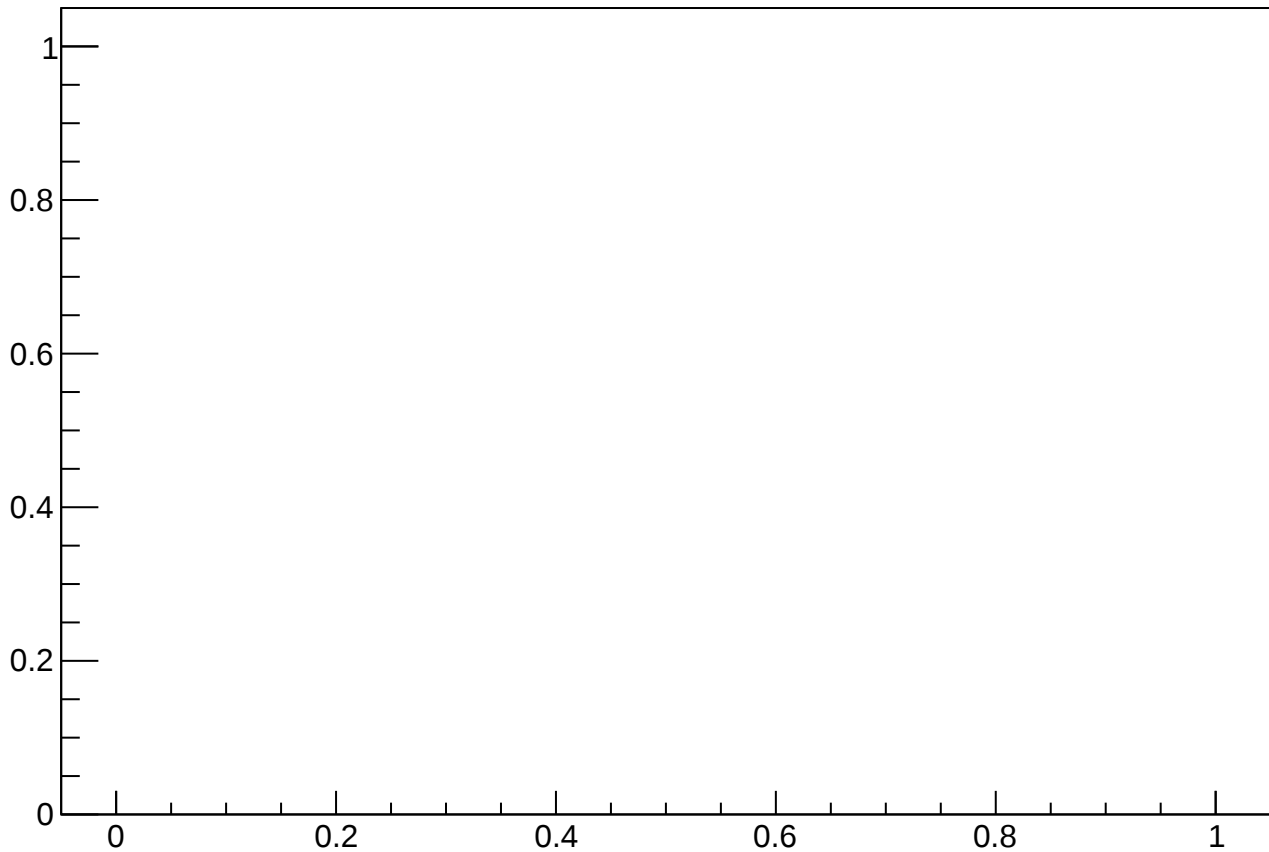
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

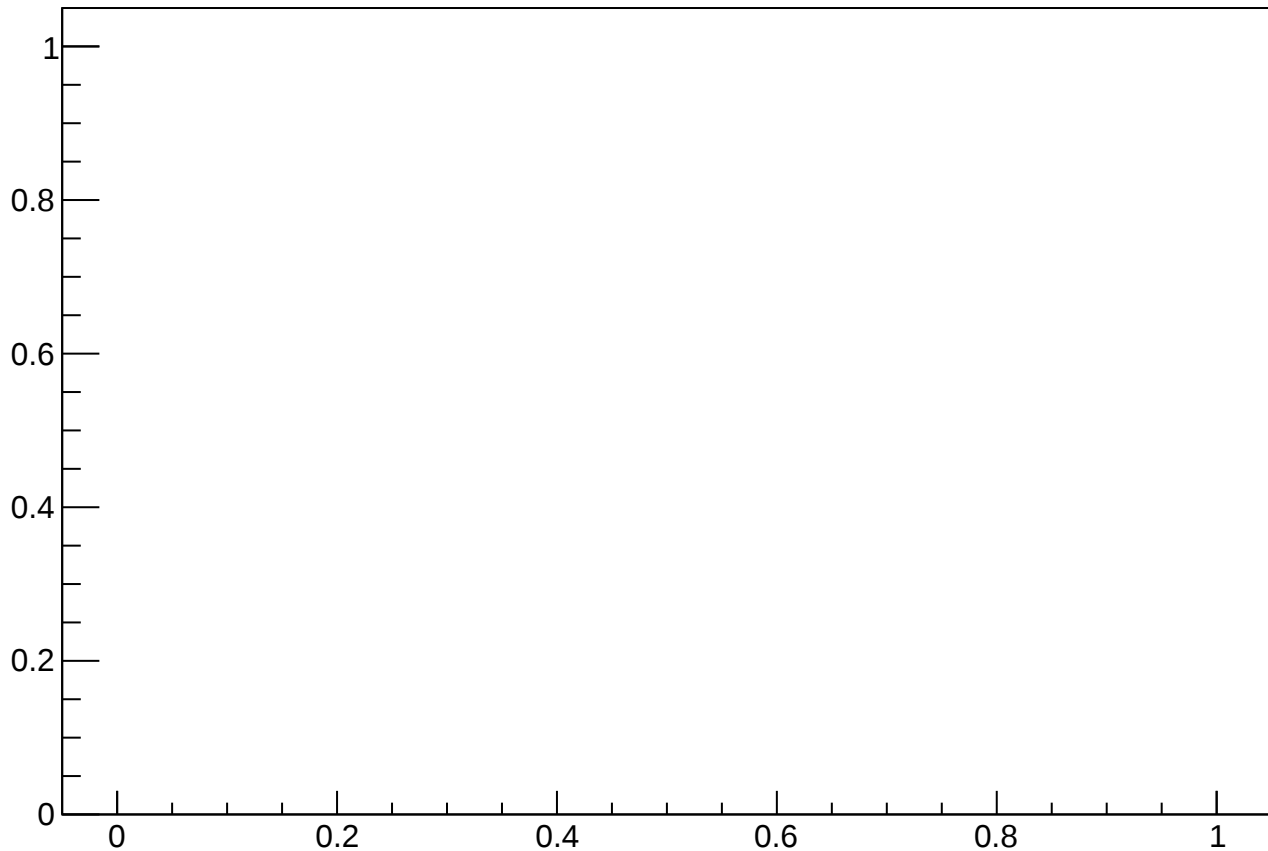
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

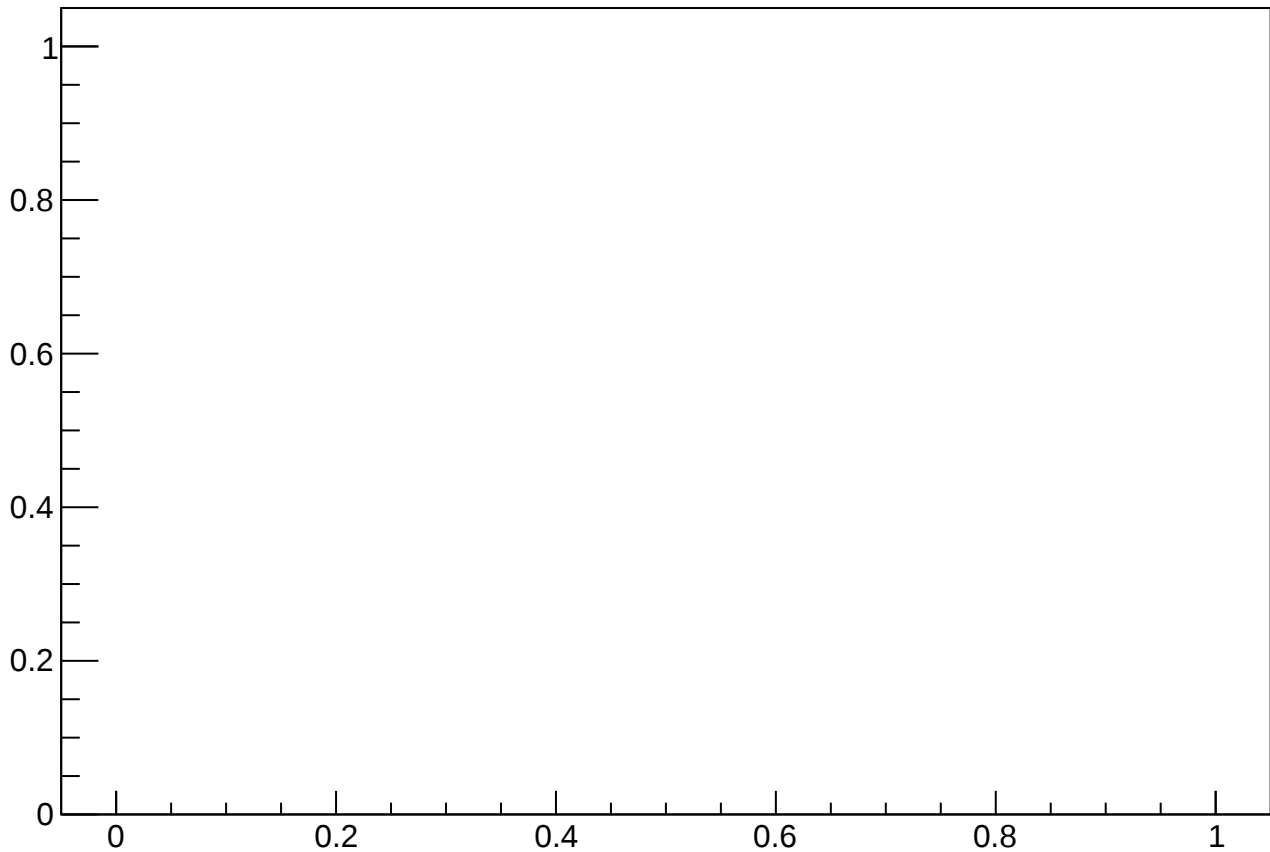
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

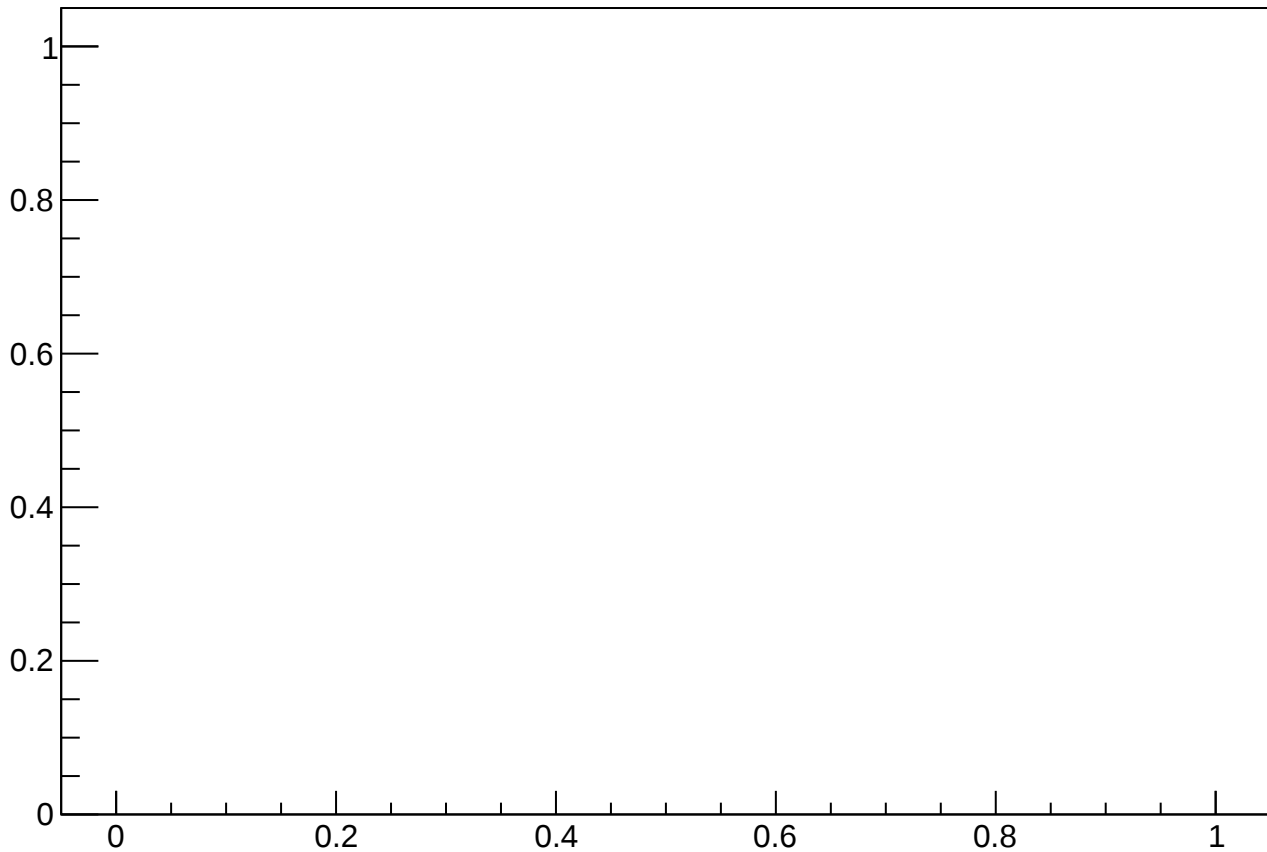
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

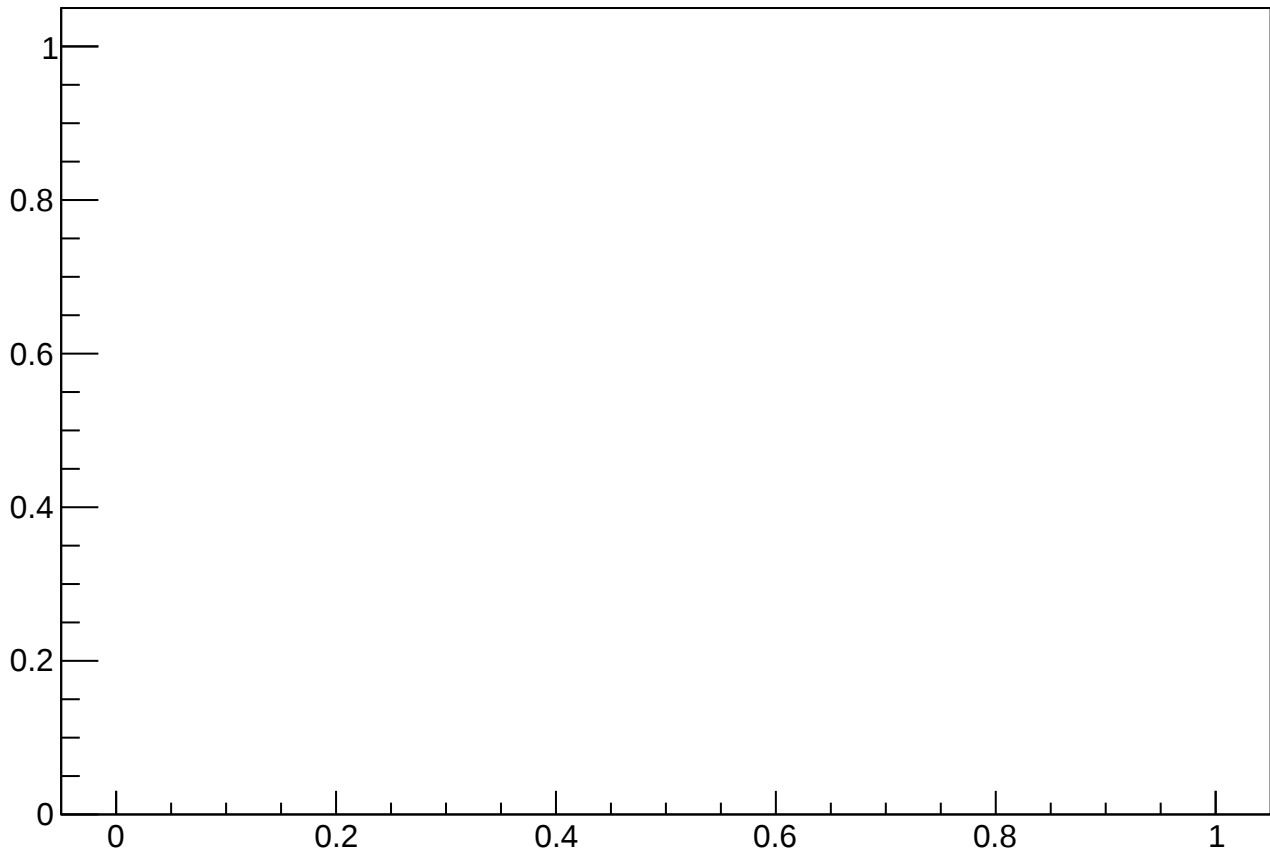
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

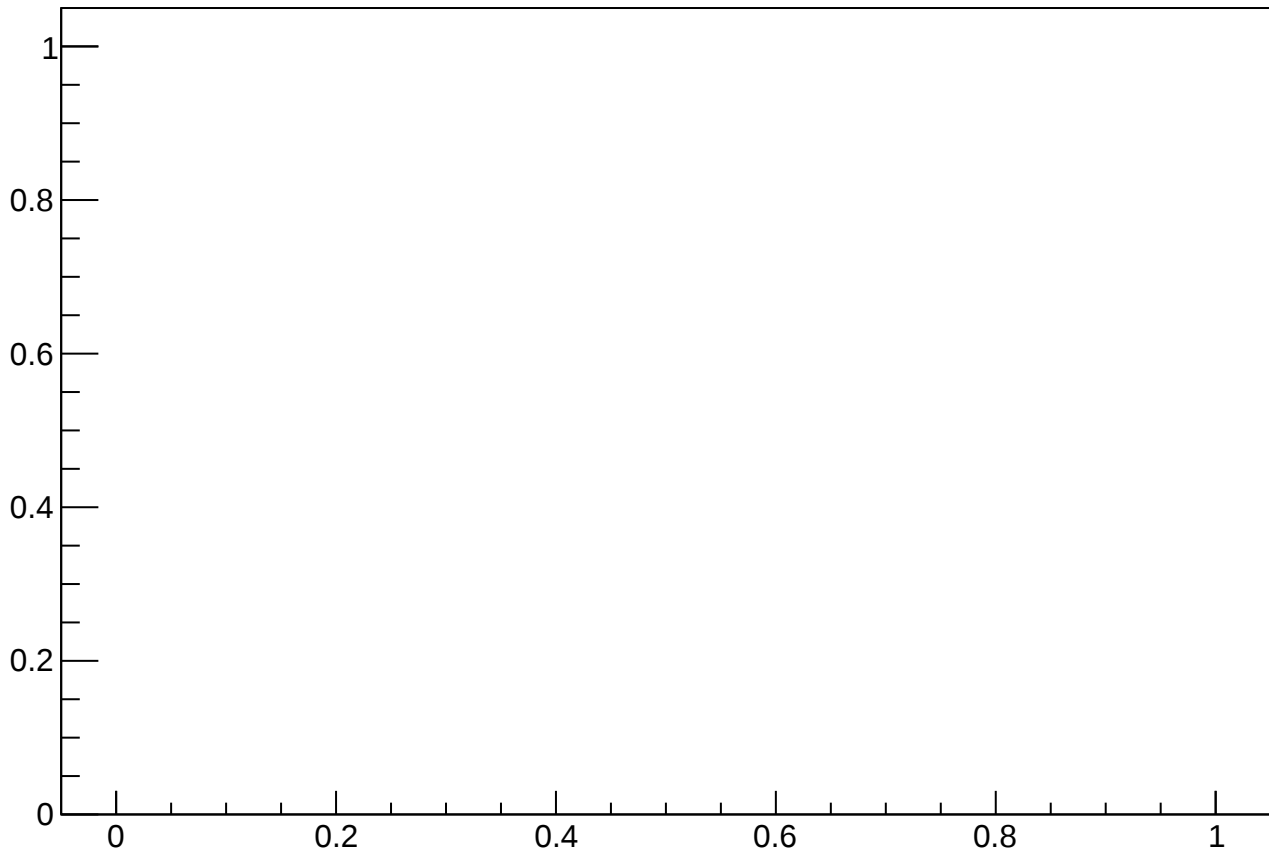
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

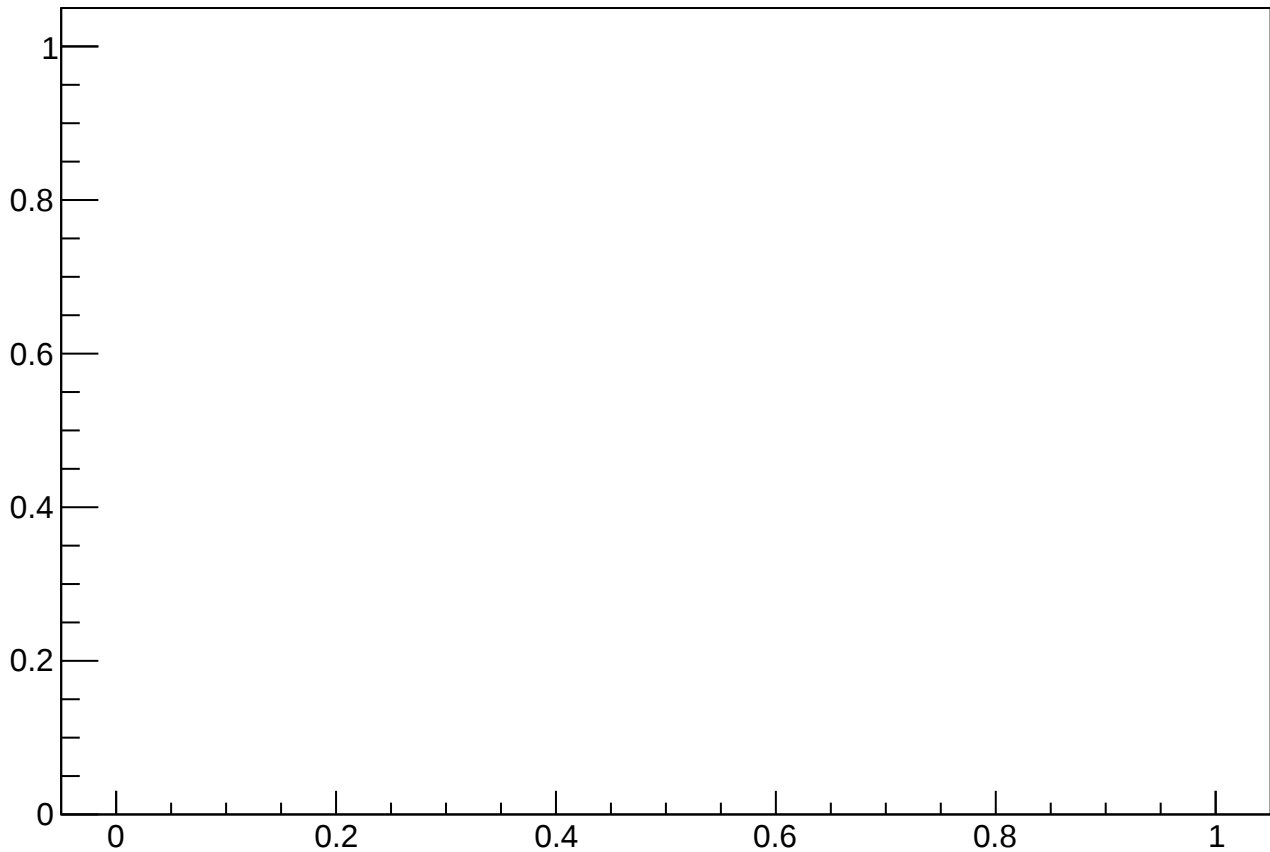
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_dd_rms vs slug



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

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

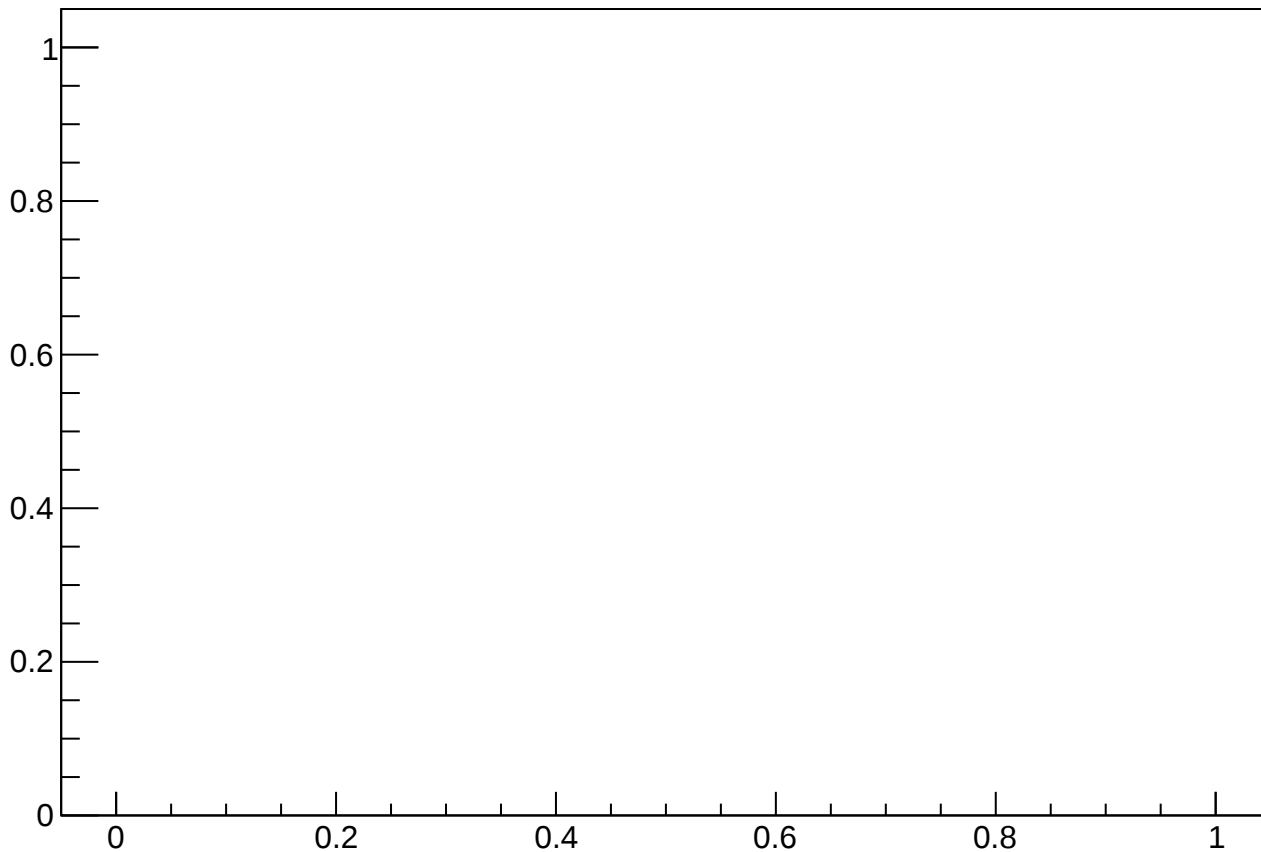
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

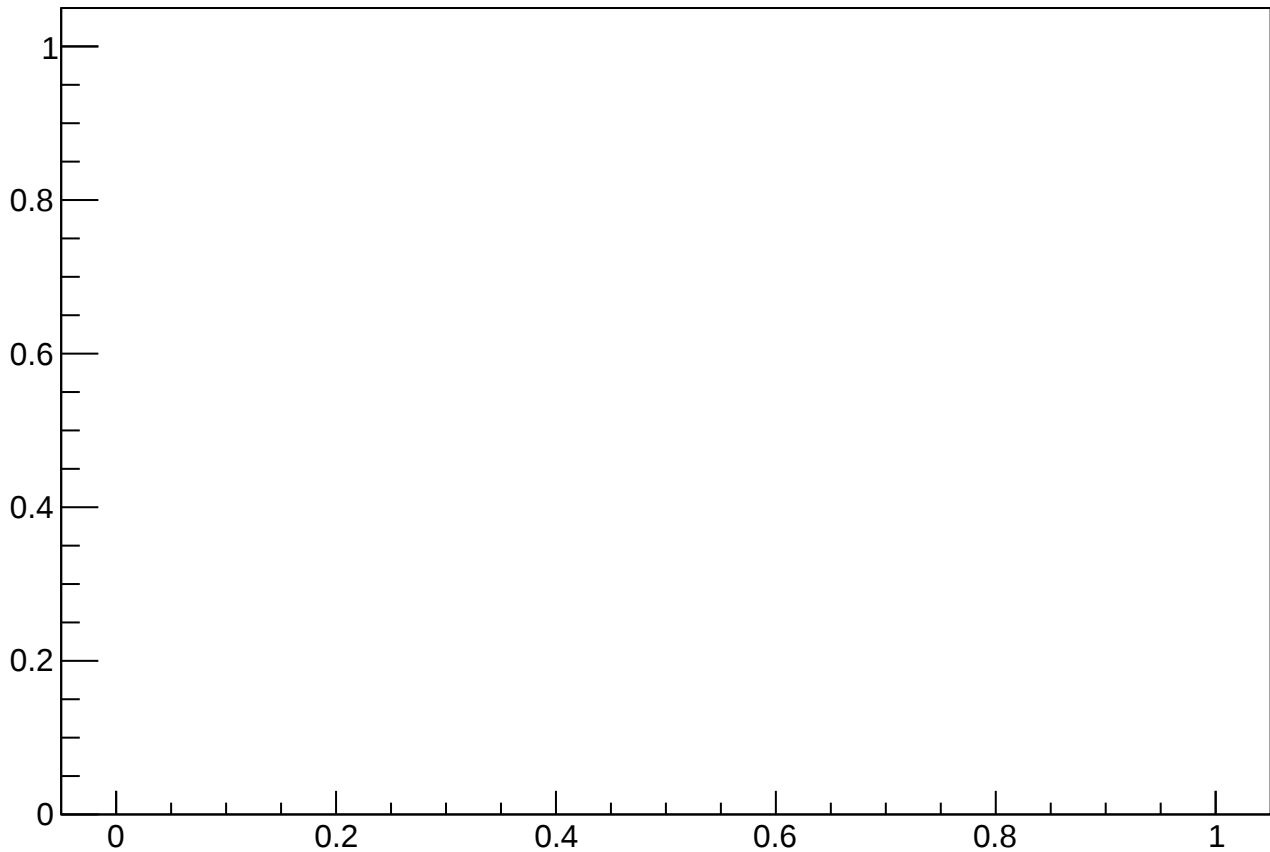
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_rms vs slug



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

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

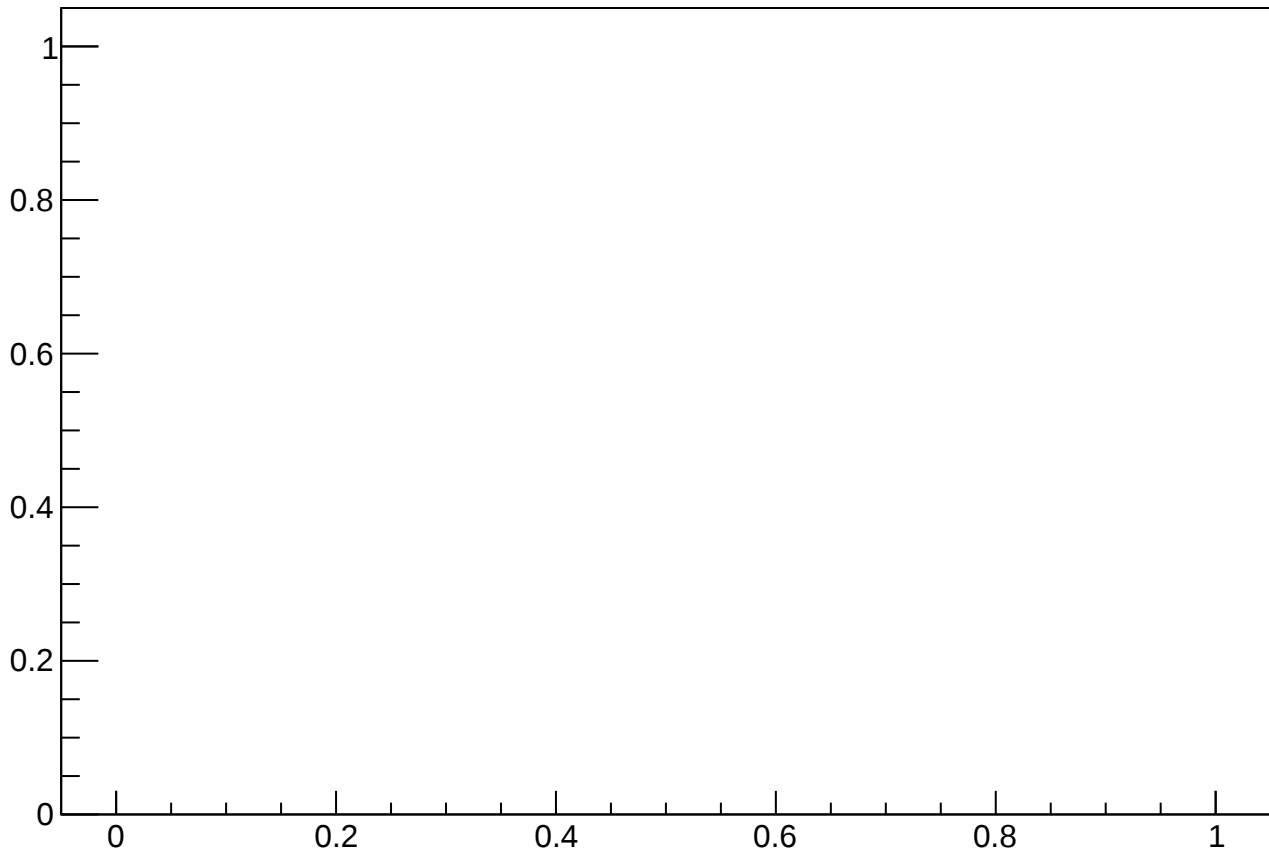
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

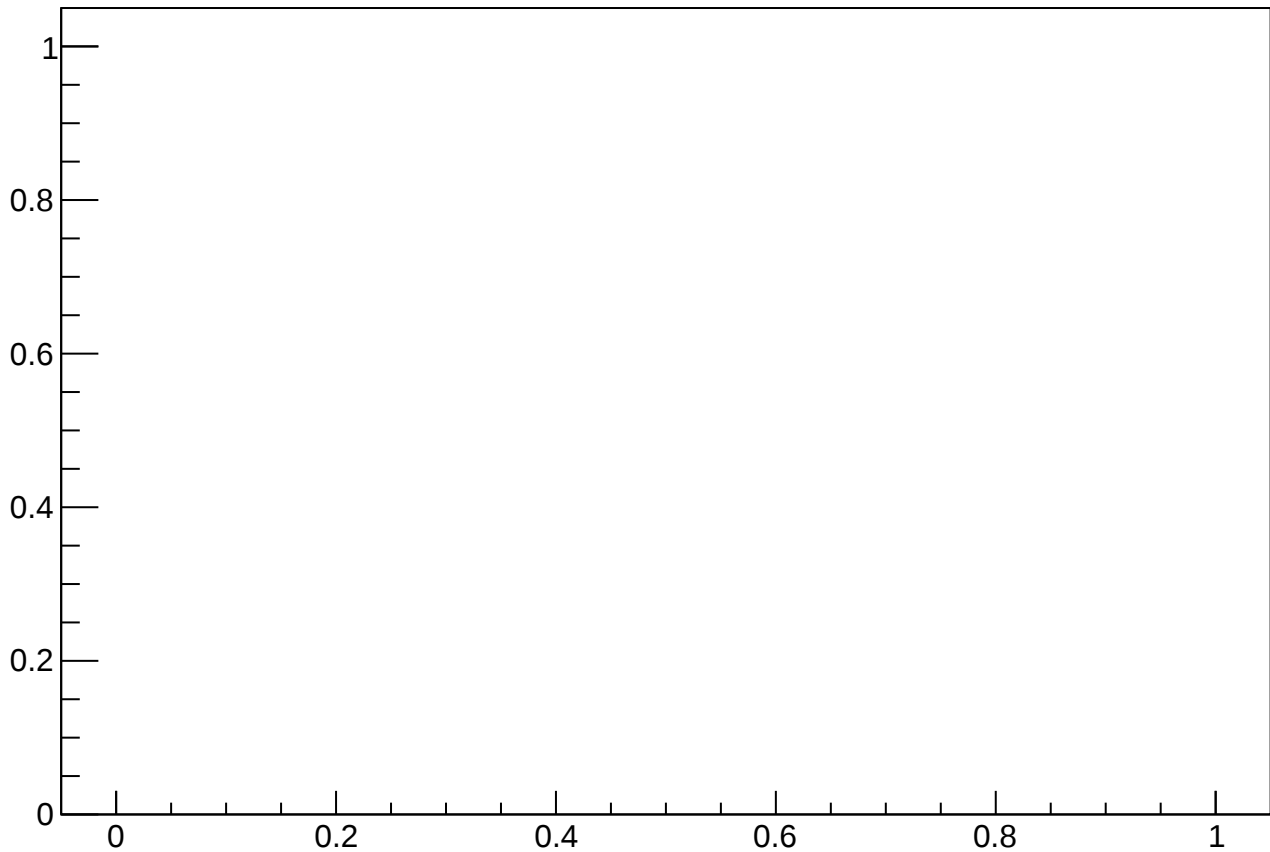
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

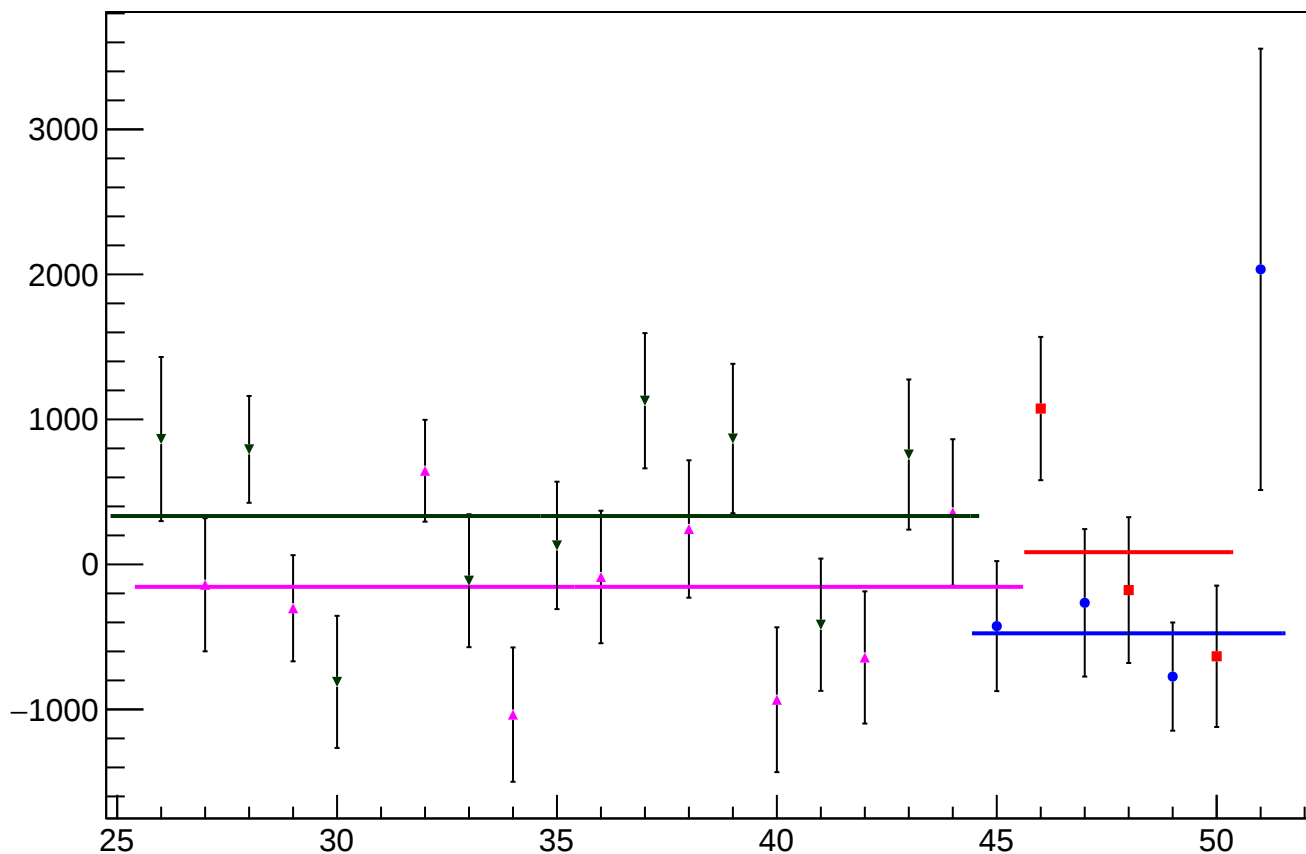
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -475.195 $\pm$ 246.468 χ^2 /NDF: 3.5/3

Left Out: 333.723 $\pm$ 154.013 χ^2 /NDF: 17.3/8

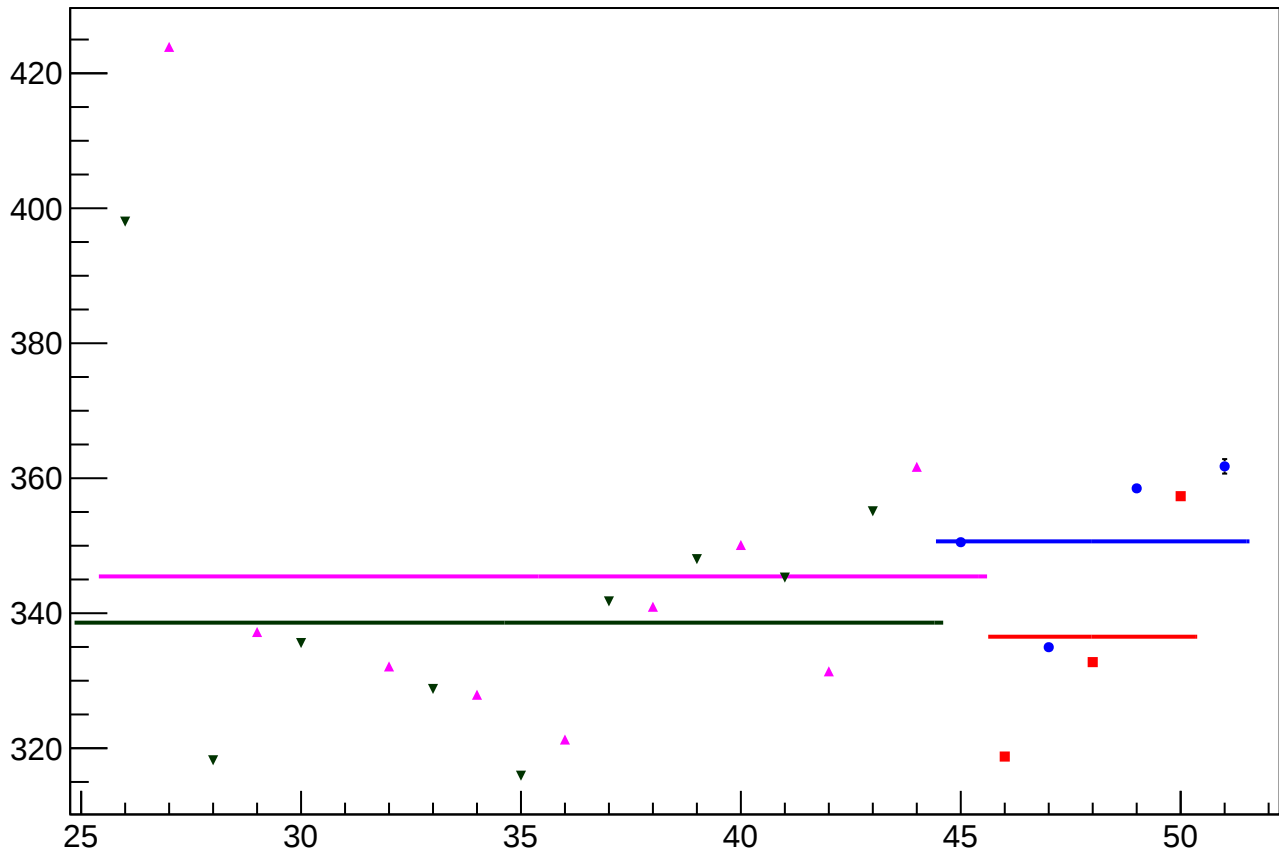
Right Out: 84.489 $\pm$ 285.576 χ^2 /NDF: 6.5/2

Left In: -154.649 $\pm$ 145.928 χ^2 /NDF: 14.3/8

106.562 $\pm$ 130.610 χ^2 /NDF: 28.6/12

-105.135 $\pm$ 129.946 χ^2 /NDF: 21.3/11

reg_asym_sam_15_dd_rms vs slug



Right In: 350.647+/-0.174 χ^2/NDF : 2895.2/3

Left Out: 338.603+/-0.109 χ^2/NDF : 37731.2/8

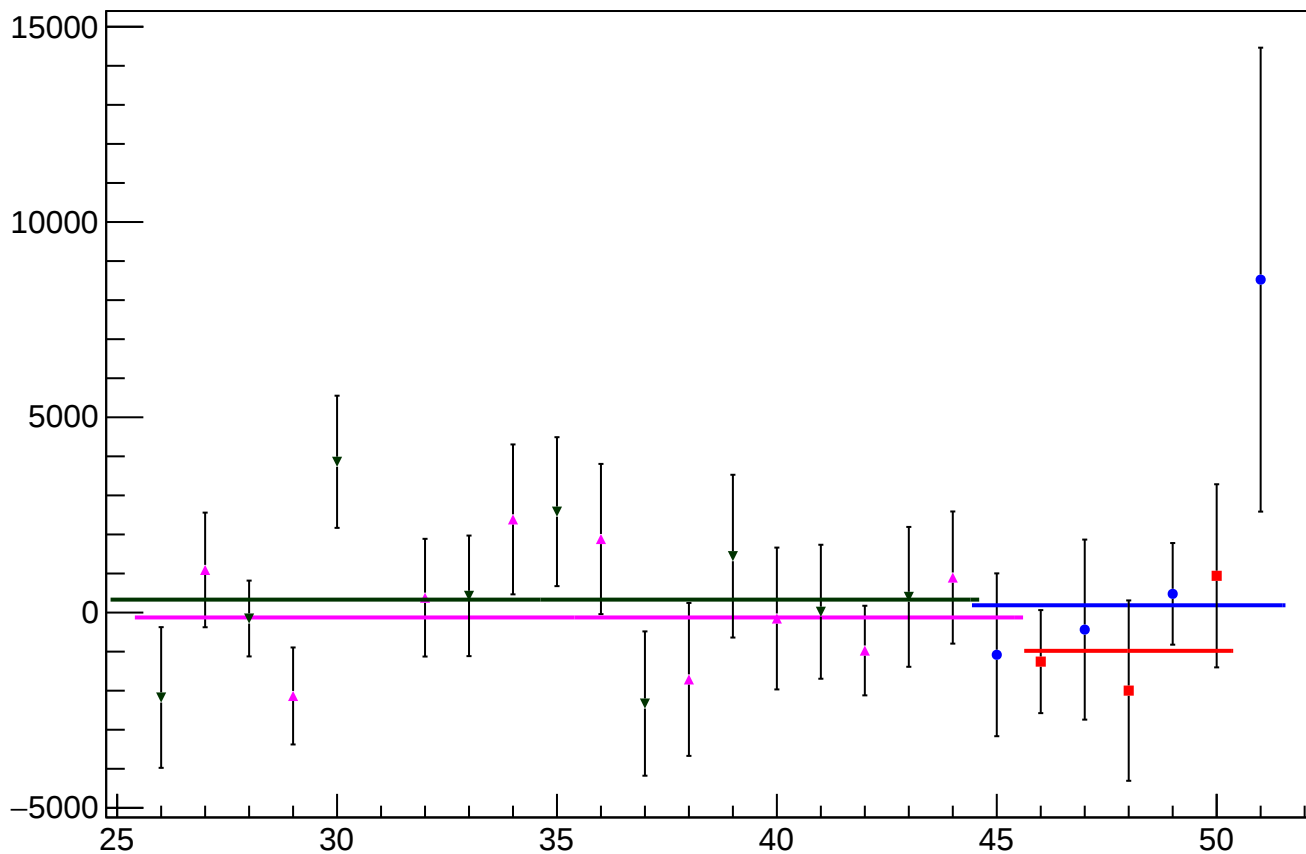
Right Out: 336.521+/-0.202 χ^2/NDF : 6344.9/2

Left In: 345.453+/-0.103 χ^2/NDF : 75102.1/8

341.985+/-0.092 χ^2/NDF : 44061.2/12

343.604+/-0.092 χ^2/NDF : 82998.6/11

asym_sam_15_dd_correction_mean vs slug



Right In: 186.748 ± 981.913 χ^2/NDF : 2.5/3

Left Out: 331.481 ± 527.893 χ^2/NDF : 10.3/8

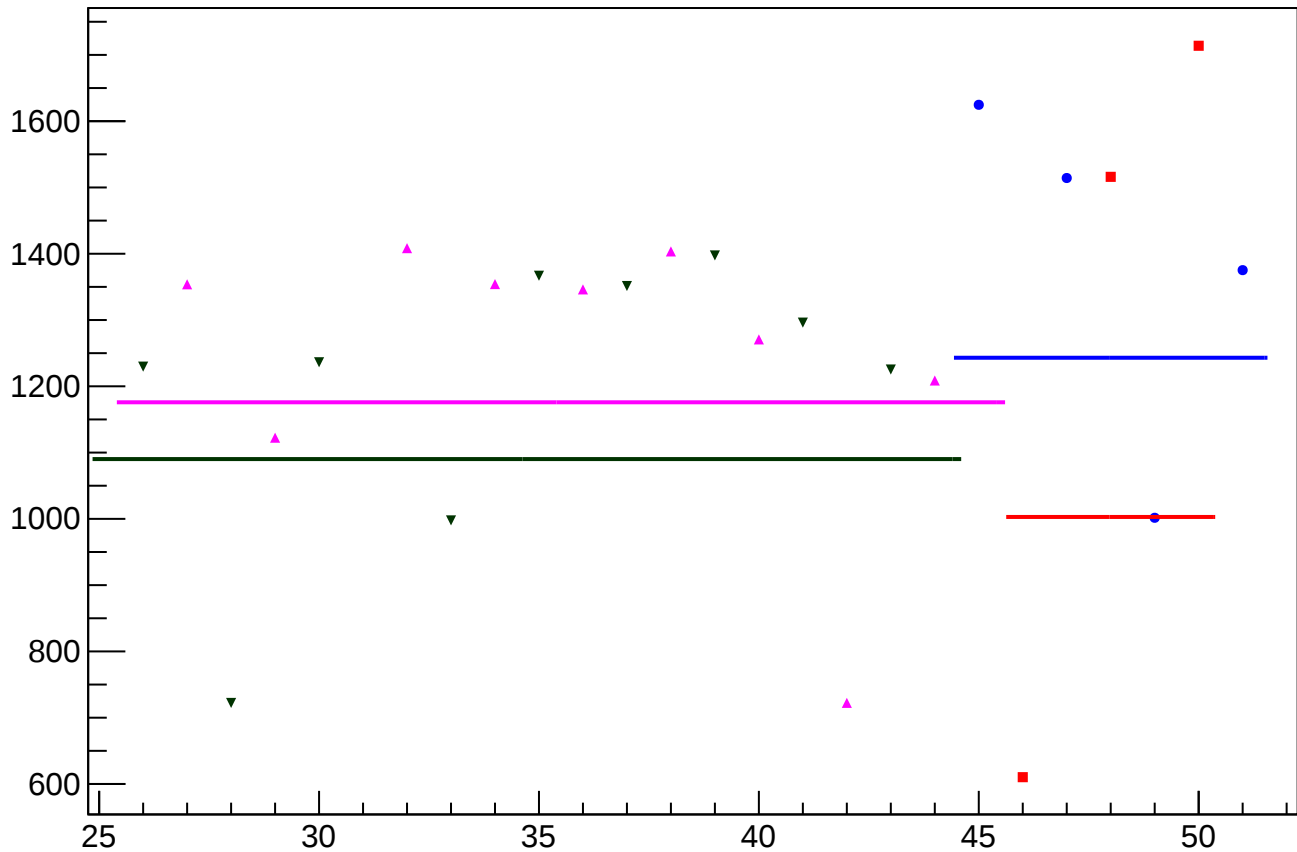
Right Out: -979.874 ± 1029.232 χ^2/NDF : 0.9/2

Left In: -125.241 ± 515.151 χ^2/NDF : 7.8/8

299.028 ± 464.958 χ^2/NDF : 12.8/12

-296.452 ± 460.669 χ^2/NDF : 9.3/11

asym_sam_15_dd_correction_rms vs slug



Right In: 1243.089 ± 0.694 χ^2/NDF : 164550.0/3

Left Out: 1090.209 ± 0.373 χ^2/NDF : 487169.4/8

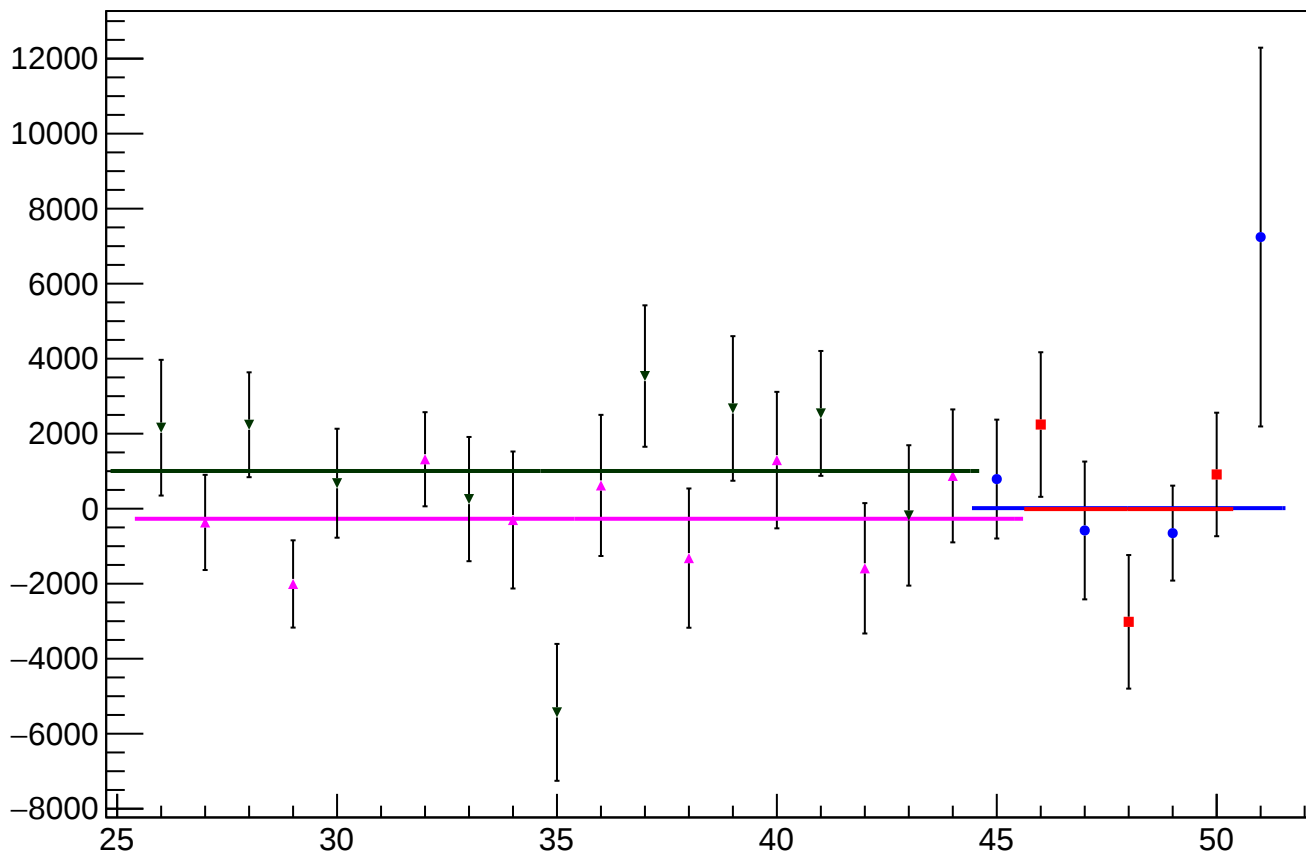
Right Out: 1002.873 ± 0.728 χ^2/NDF : 459793.4/2

Left In: 1175.873 ± 0.364 χ^2/NDF : 459475.9/8

1124.488 ± 0.329 χ^2/NDF : 689331.0/12

1141.215 ± 0.326 χ^2/NDF : 964455.2/11

reg_asym_sam_26_dd_mean vs slug



Right In: 14.543 ± 858.198 $\chi^2/\text{NDF}: 2.7/3$

Left Out: 1004.954 ± 563.215 $\chi^2/\text{NDF}: 17.7/8$

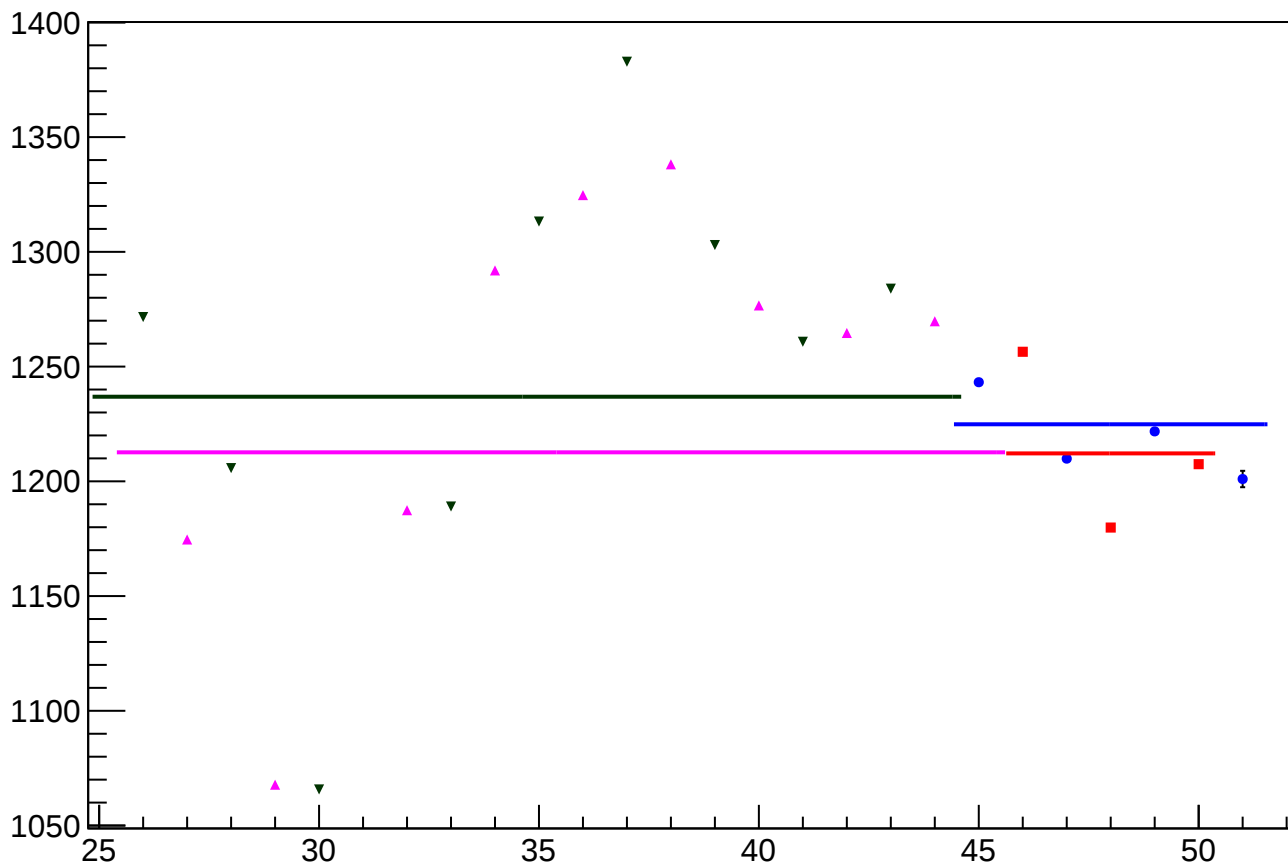
Right Out: -11.307 ± 1024.263 $\chi^2/\text{NDF}: 4.5/2$

Left In: -269.126 ± 511.768 $\chi^2/\text{NDF}: 6.1/8$

706.800 ± 470.869 $\chi^2/\text{NDF}: 21.3/12$

-217.620 ± 457.805 $\chi^2/\text{NDF}: 10.7/11$

reg_asym_sam_26_dd_rms vs slug



Right In: 1224.858+/-0.607 χ^2 /NDF: 457.0/3

Left Out: 1236.870+/-0.398 χ^2 /NDF:50666.9/8

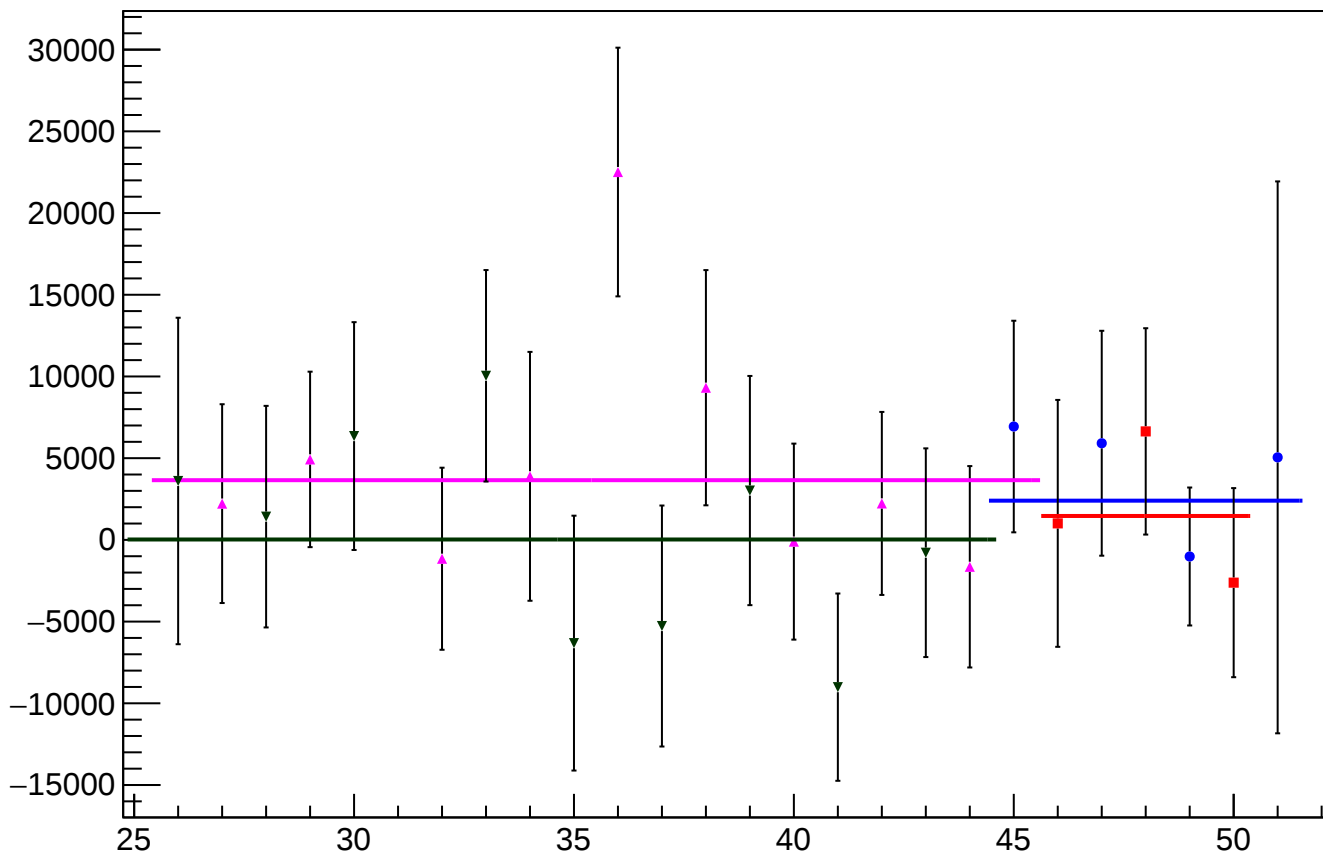
Right Out: 1212.172+/-0.724 χ^2 /NDF: 1730.5/2

Left In: 1212.638+/-0.362 χ^2 /NDF:59937.7/8

1233.254+/-0.333 χ^2 /NDF: 51397.8/12

1212.545+/-0.324 χ^2 /NDF: 61668.6/11

asym_sam_26_dd_correction_mean vs slug



Right In: 2399.700 ± 3091.854 χ^2/NDF : 1.4/3

Left Out: 23.937 ± 2316.200 χ^2/NDF : 7.3/8

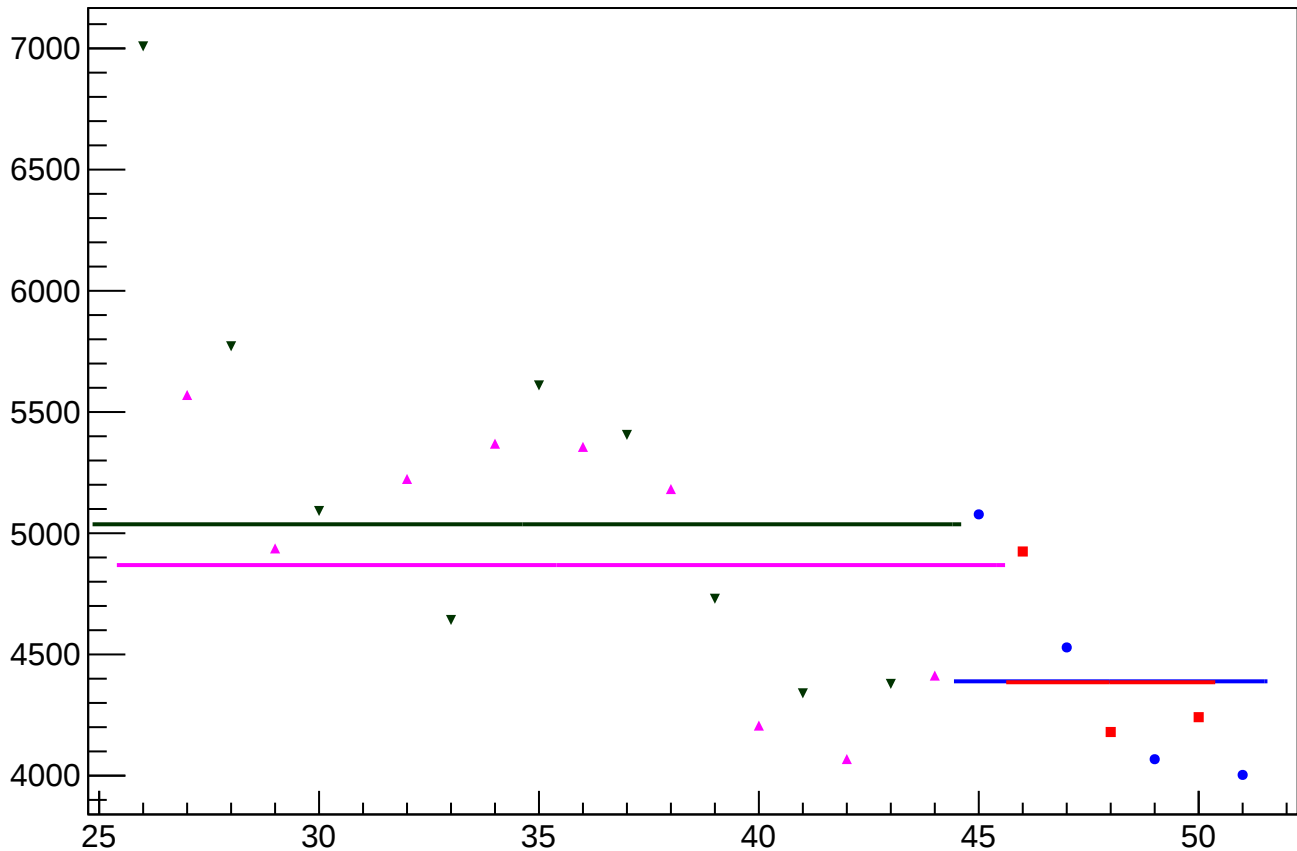
Right Out: 1463.068 ± 3714.381 χ^2/NDF : 1.2/2

Left In: 3653.038 ± 2068.097 χ^2/NDF : 8.8/8

877.941 ± 1853.734 χ^2/NDF : 9.1/12

3134.795 ± 1806.901 χ^2/NDF : 10.3/11

asym_sam_26_dd_correction_rms vs slug



Right In: 4389.137+/-2.186 χ^2/NDF : 36091.6/3

Left Out: 5036.928+/-1.638 χ^2/NDF :179439.1/8

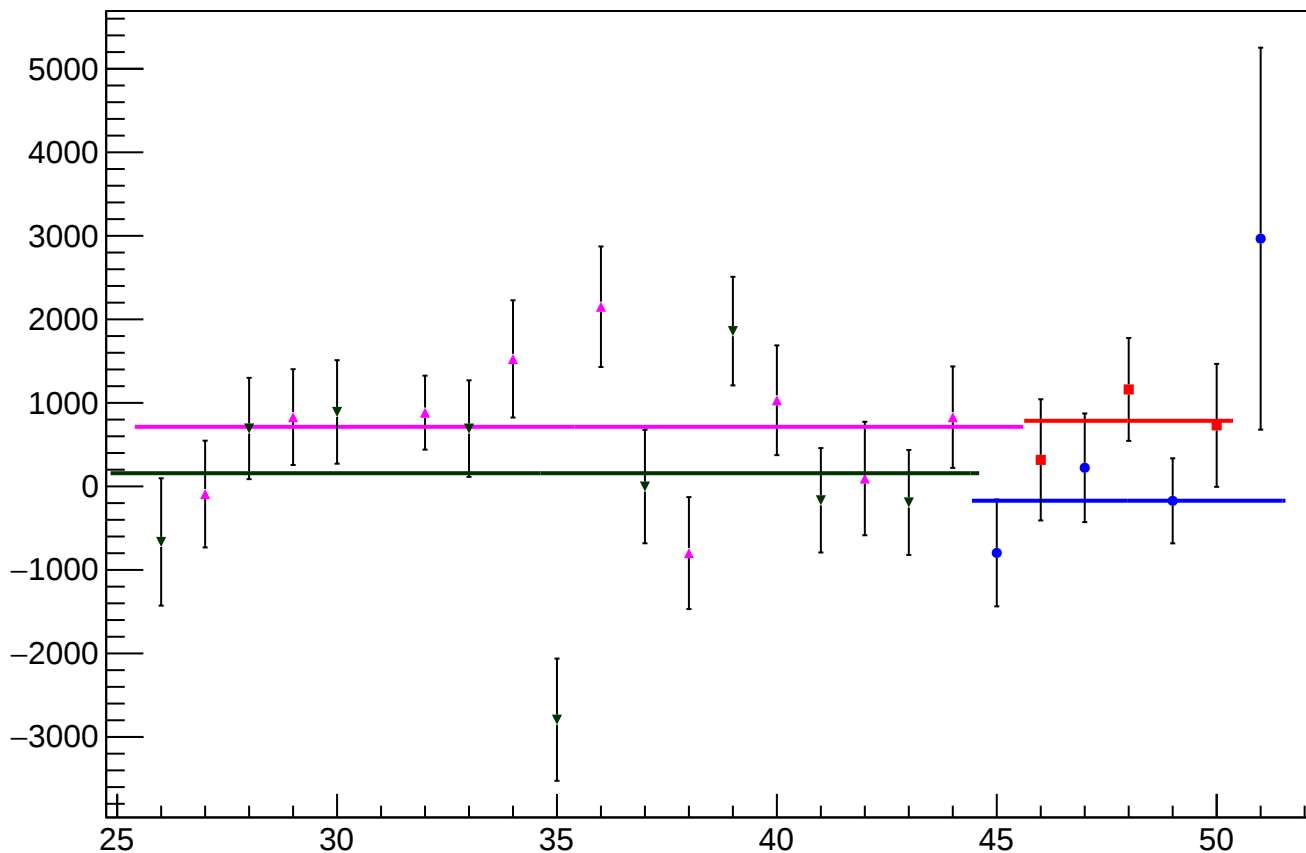
Right Out: 4385.280+/-2.626 χ^2/NDF : 13548.7/2

Left In: 4868.644+/-1.462 χ^2/NDF :131901.5/8

4804.070+/-1.311 χ^2/NDF : 271765.6/12

4754.259+/-1.278 χ^2/NDF : 171304.5/11

reg_asym_sam_37_dd_mean vs slug



Right In: -171.388+/-336.034 χ^2/NDF : 3.2/3

Left Out: 157.928+/-215.506 χ^2/NDF : 28.0/8

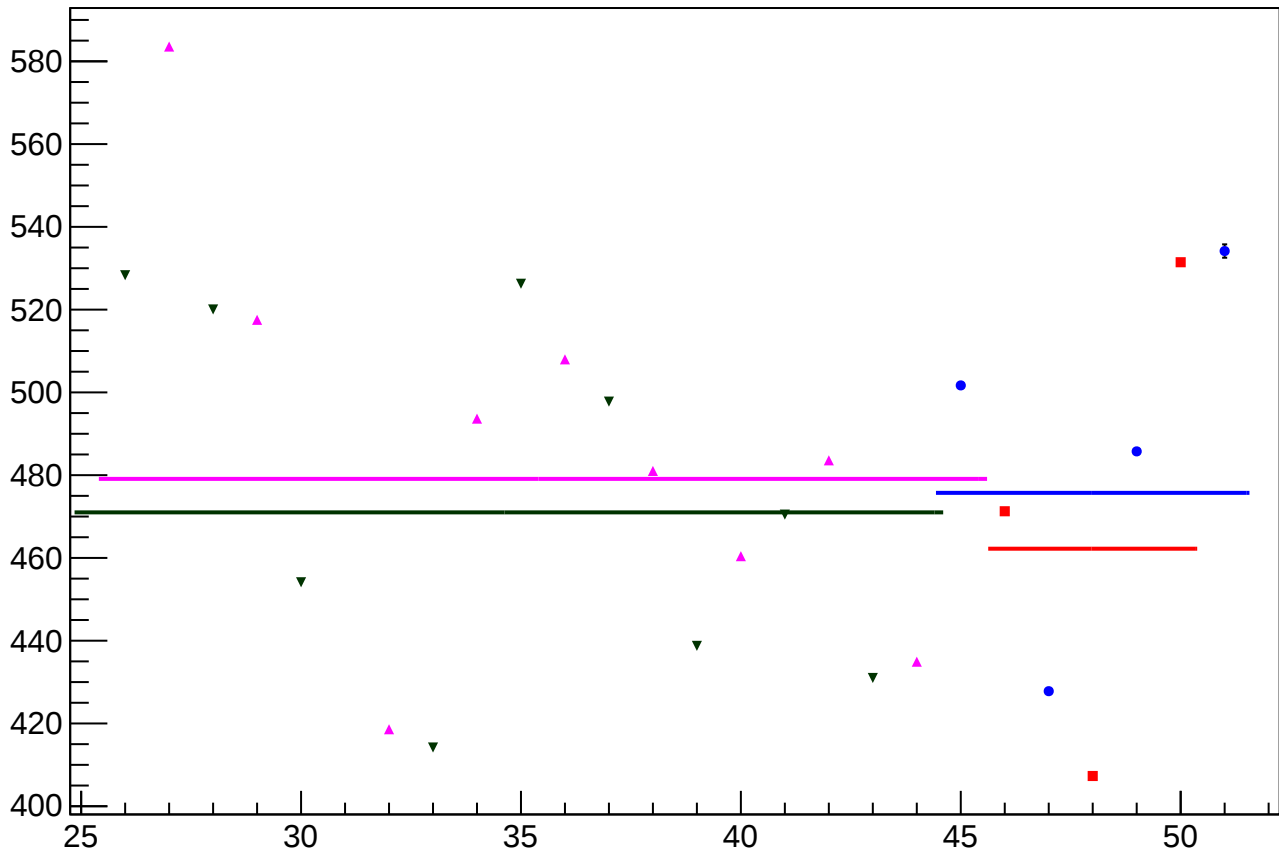
Right Out: 785.645+/-395.764 χ^2/NDF : 0.8/2

Left In: 713.441+/-204.299 χ^2/NDF : 13.3/8

61.955+/-181.406 χ^2/NDF : 31.8/12

728.633+/-181.538 χ^2/NDF : 14.1/11

reg_asym_sam_37_dd_rms vs slug



Right In: 475.725+/-0.238 χ^2/NDF : 16227.5/3

Left Out: 471.009+/-0.152 χ^2/NDF : 72737.7/8

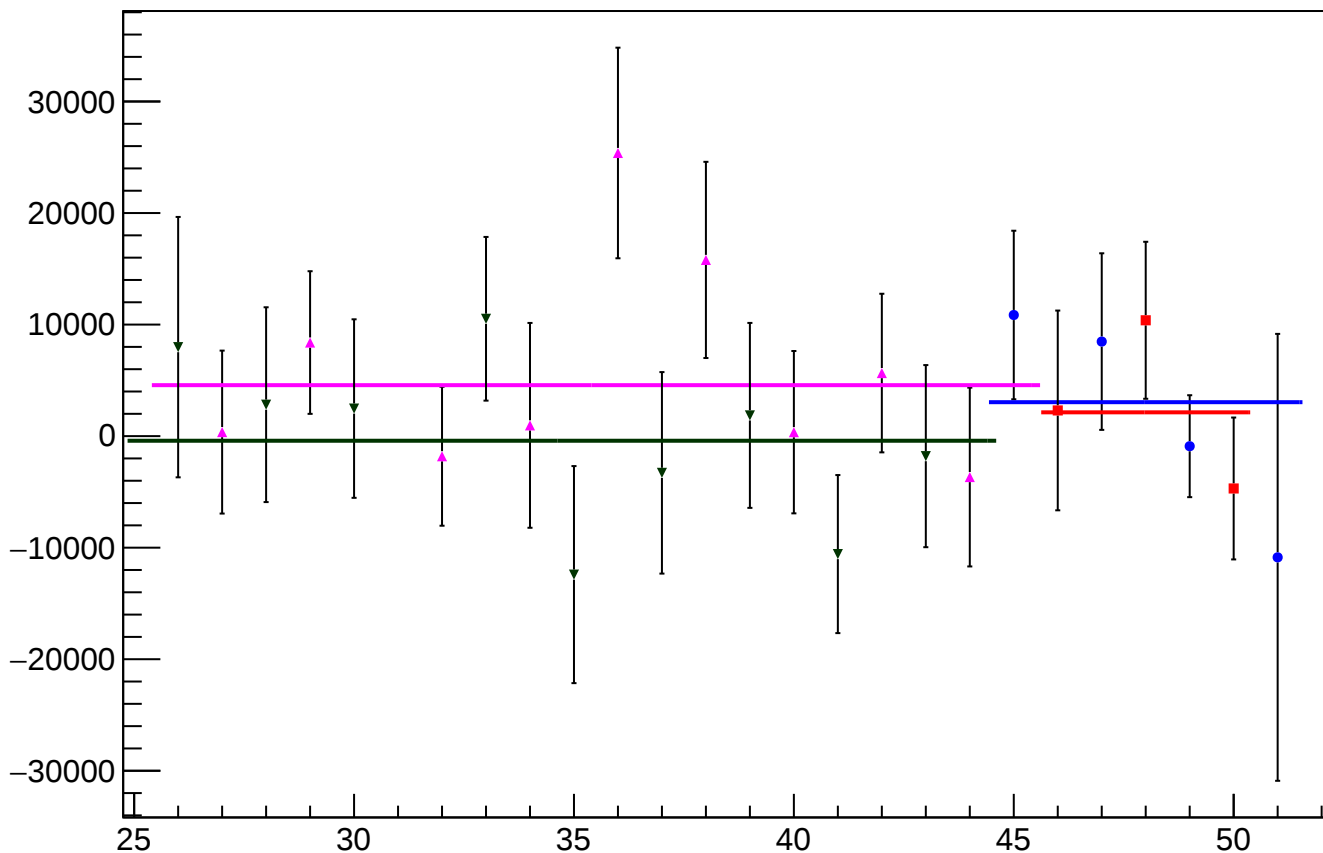
Right Out: 462.230+/-0.280 χ^2/NDF : 33920.2/2

Left In: 479.100+/-0.144 χ^2/NDF : 116130.5/8

472.383+/-0.128 χ^2/NDF : 89244.4/12

475.551+/-0.128 χ^2/NDF : 152920.2/11

asym_sam_37_dd_correction_mean vs slug



Right In: 3042.813+/-3452.903 χ^2/NDF : 2.8/3

Left Out: -413.785+/-2806.714 χ^2/NDF : 6.8/8

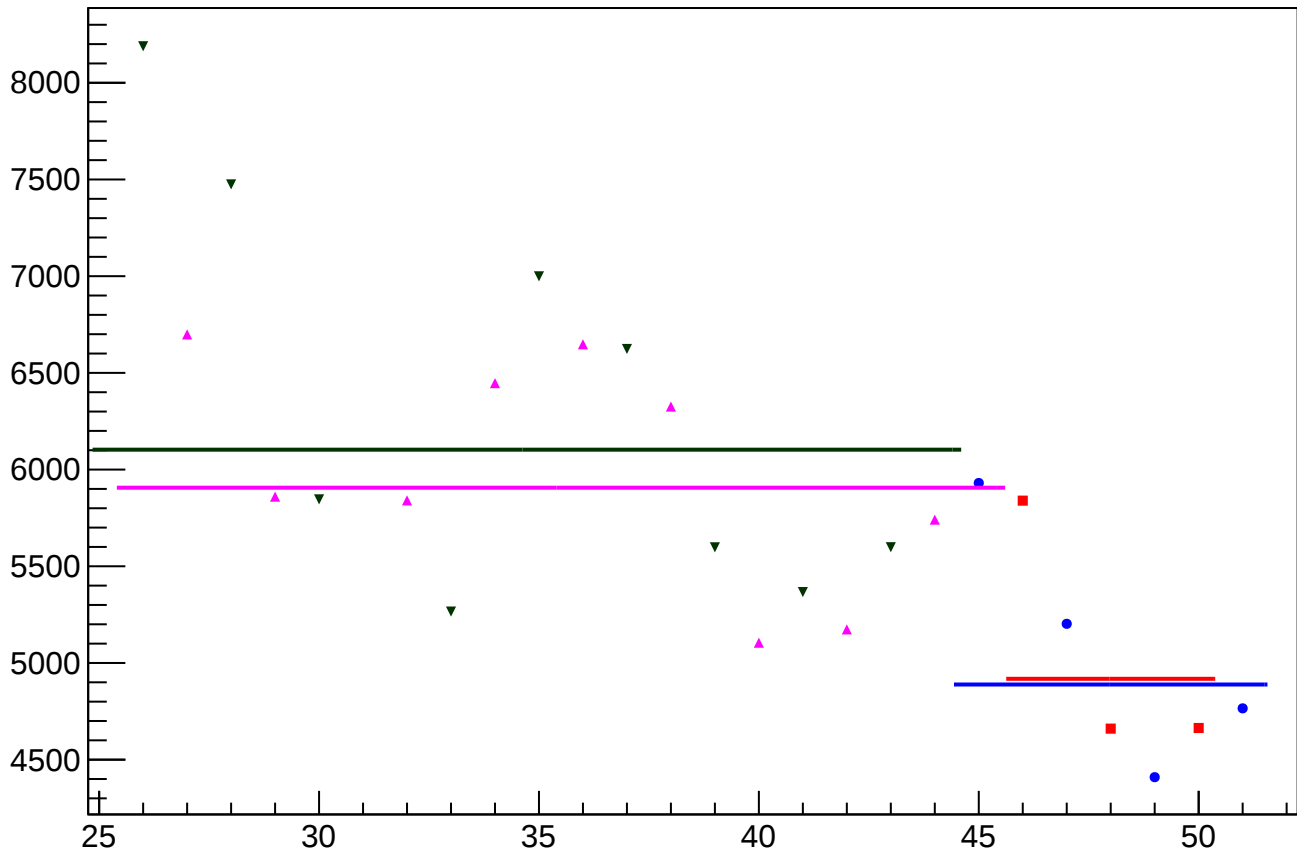
Right Out: 2132.814+/-4174.414 χ^2/NDF : 2.5/2

Left In: 4568.925+/-2506.004 χ^2/NDF : 9.8/8

961.447+/-2177.950 χ^2/NDF : 10.2/12

3923.559+/-2148.573 χ^2/NDF : 12.6/11

asym_sam_37_dd_correction_rms vs slug



Right In: 4888.671+/-2.442 χ^2/NDF : 63254.6/3

Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

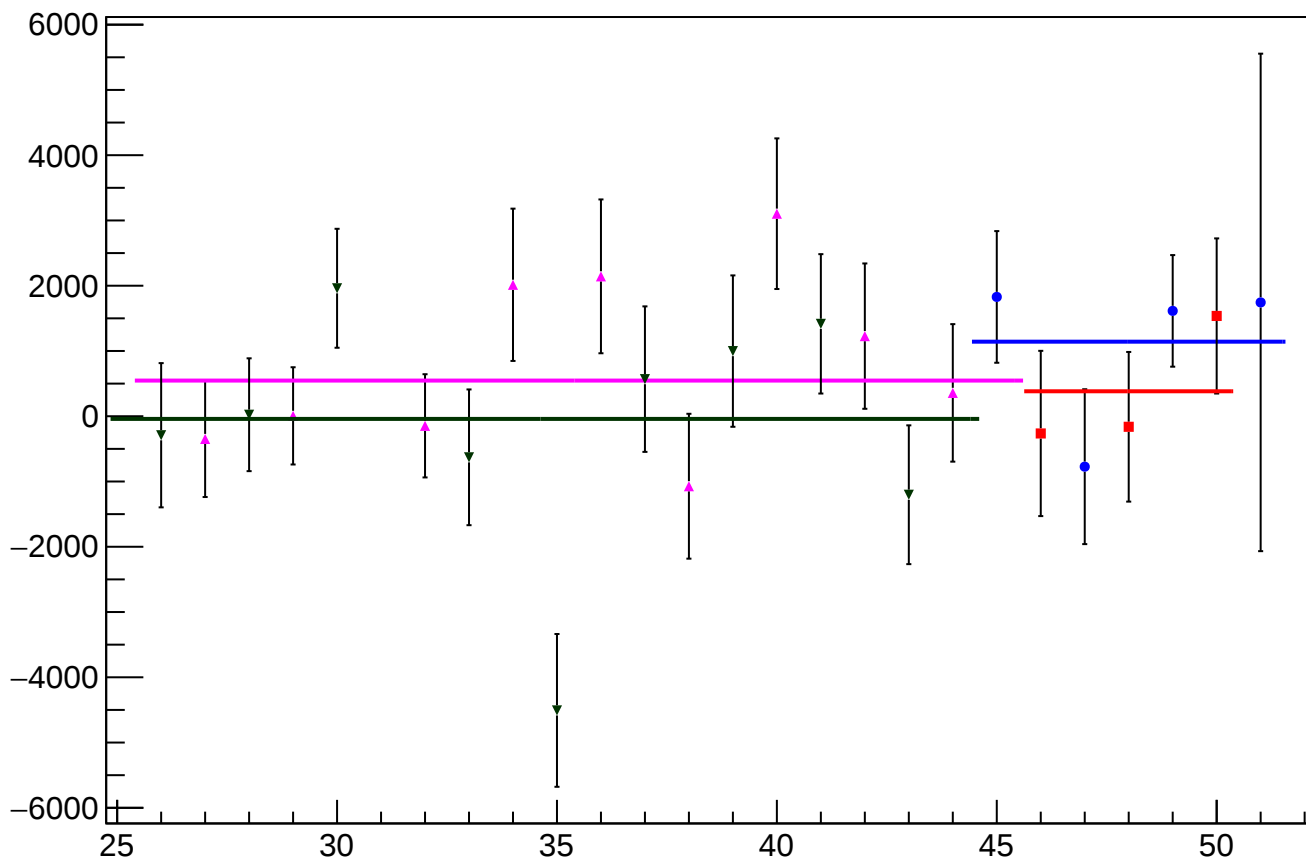
5619.834+/-1.540 χ^2/NDF : 413785.2/12

Right Out: 4918.156+/-2.952 χ^2/NDF : 27049.4/2

5644.517+/-1.519 χ^2/NDF : 203494.5/11

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

reg_asym_sam_48_dd_mean vs slug



Right In: 1142.541 $\pm$ 565.257 χ^2 /NDF: 3.4/3

Left Out: -40.923 $\pm$ 346.578 χ^2 /NDF: 23.9/8

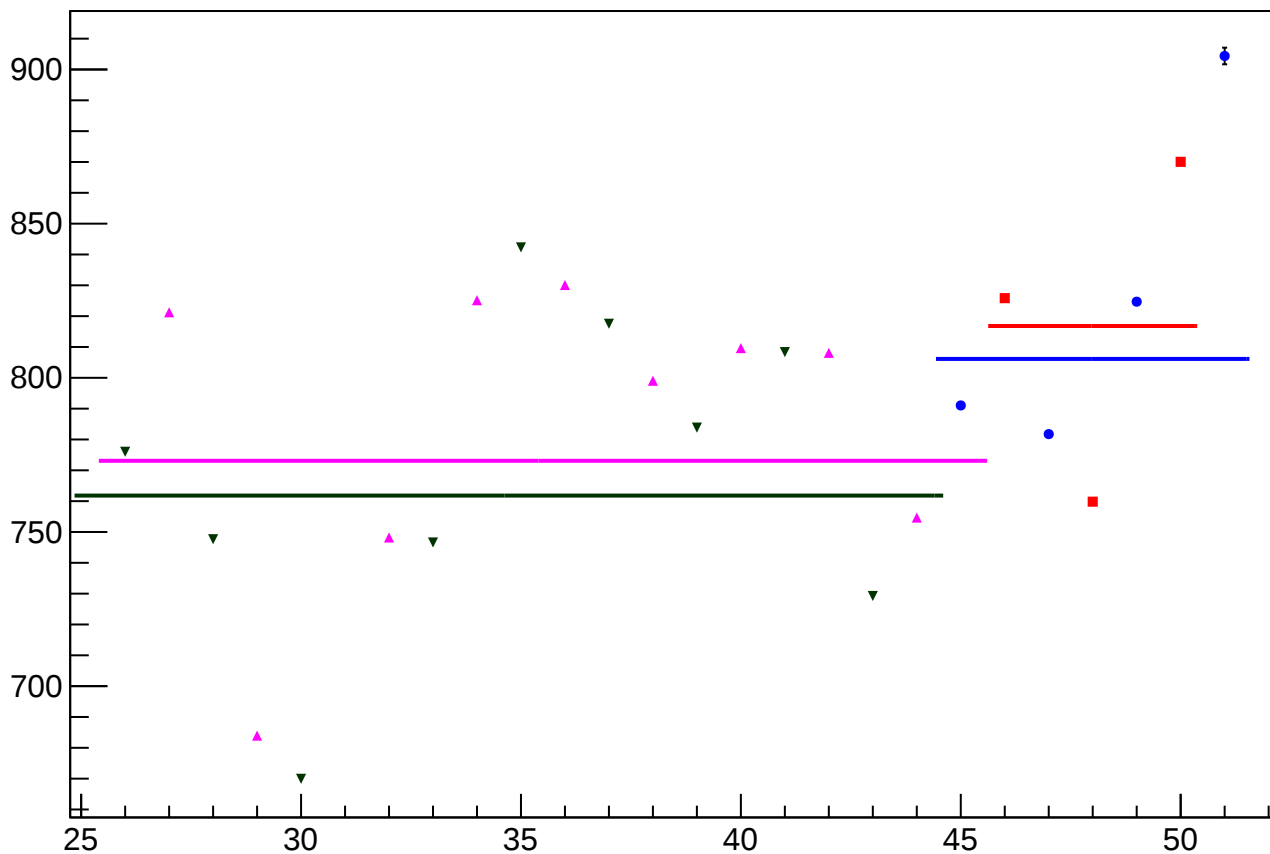
Right Out: 382.489 $\pm$ 691.296 χ^2 /NDF: 1.4/2

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF: 13.2/8

282.423 $\pm$ 295.462 χ^2 /NDF: 30.5/12

516.635 $\pm$ 295.134 χ^2 /NDF: 14.6/11

reg_asym_sam_48_dd_rms vs slug



Right In: 806.128+/-0.400 χ^2/NDF : 3564.5/3

Left Out: 761.807+/-0.245 χ^2/NDF : 42466.1/8

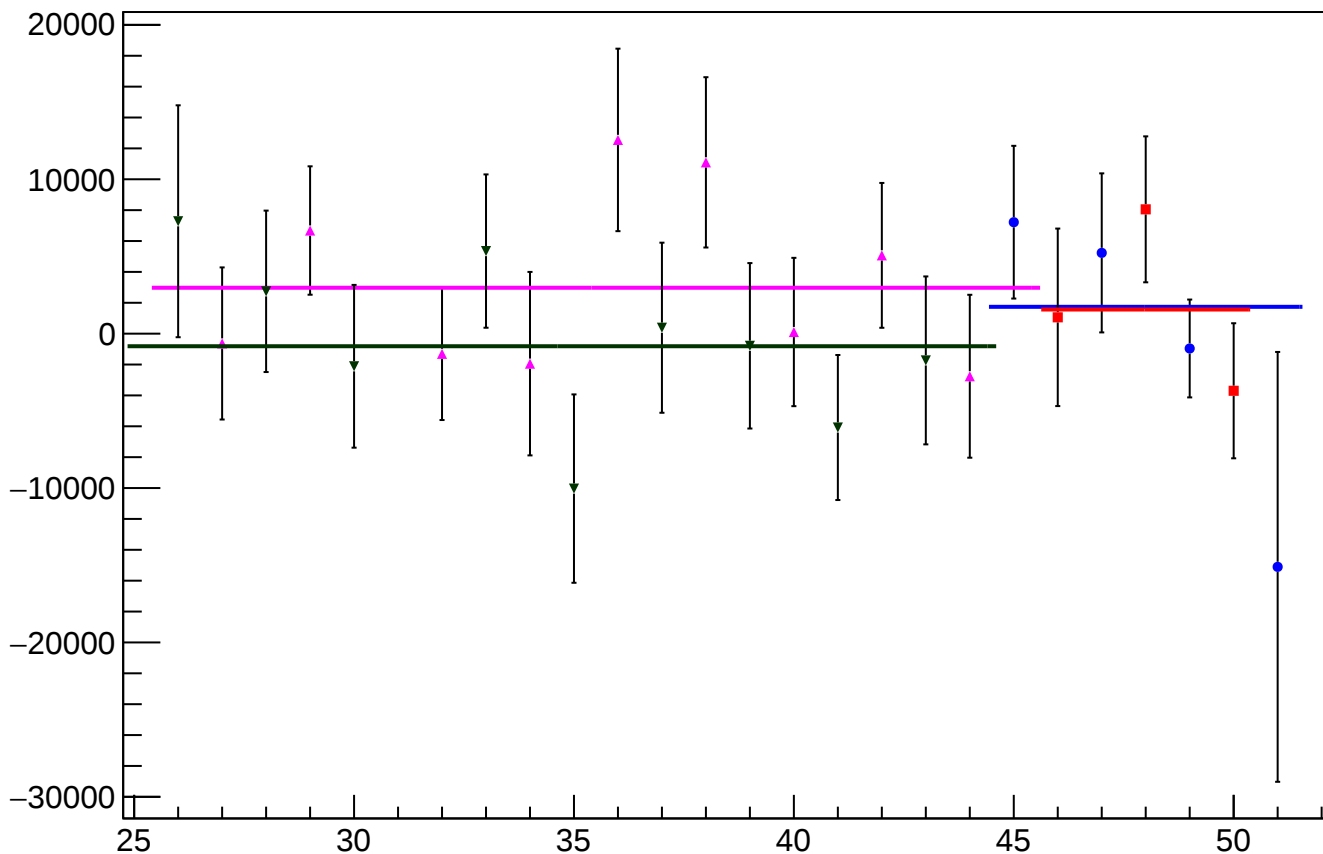
Right Out: 816.804+/-0.489 χ^2/NDF : 9053.4/2

Left In: 773.088+/-0.231 χ^2/NDF : 50809.2/8

773.916+/-0.209 χ^2/NDF : 54967.0/12

781.056+/-0.209 χ^2/NDF : 66402.7/11

asym_sam_48_dd_correction_mean vs slug



Right In: 1738.718 ± 2335.574 $\chi^2/\text{NDF}: 3.9/3$

Left Out: -814.730 ± 1811.752 $\chi^2/\text{NDF}: 6.8/8$

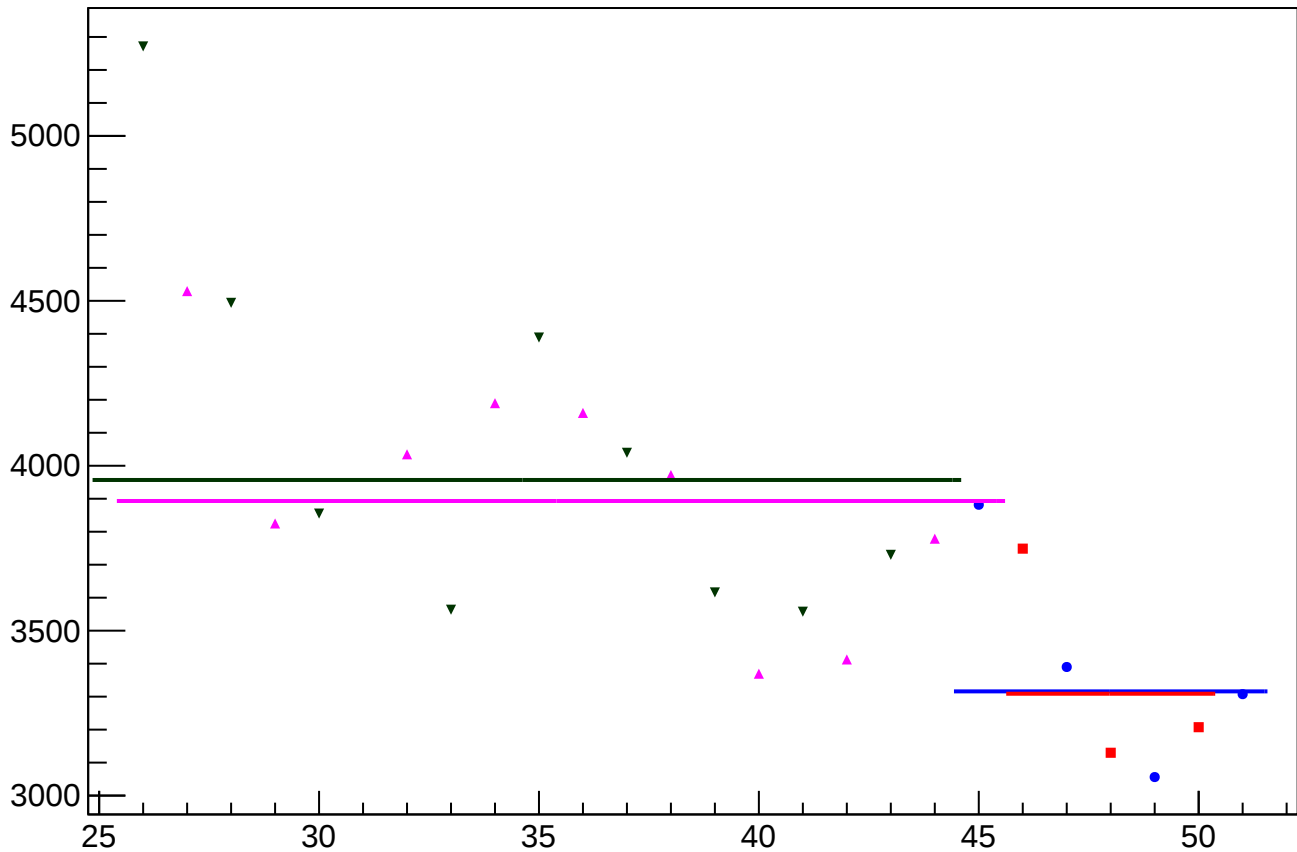
Right Out: 1564.005 ± 2802.937 $\chi^2/\text{NDF}: 3.3/2$

Left In: 2973.562 ± 1648.529 $\chi^2/\text{NDF}: 9.5/8$

144.549 ± 1431.536 $\chi^2/\text{NDF}: 11.5/12$

2611.292 ± 1420.981 $\chi^2/\text{NDF}: 13.1/11$

asym_sam_48_dd_correction_rms vs slug



Right In: 3315.947 ± 1.651 χ^2/NDF : 40024.5/3

Left Out: 3956.868 ± 1.281 χ^2/NDF : 132161.2/8

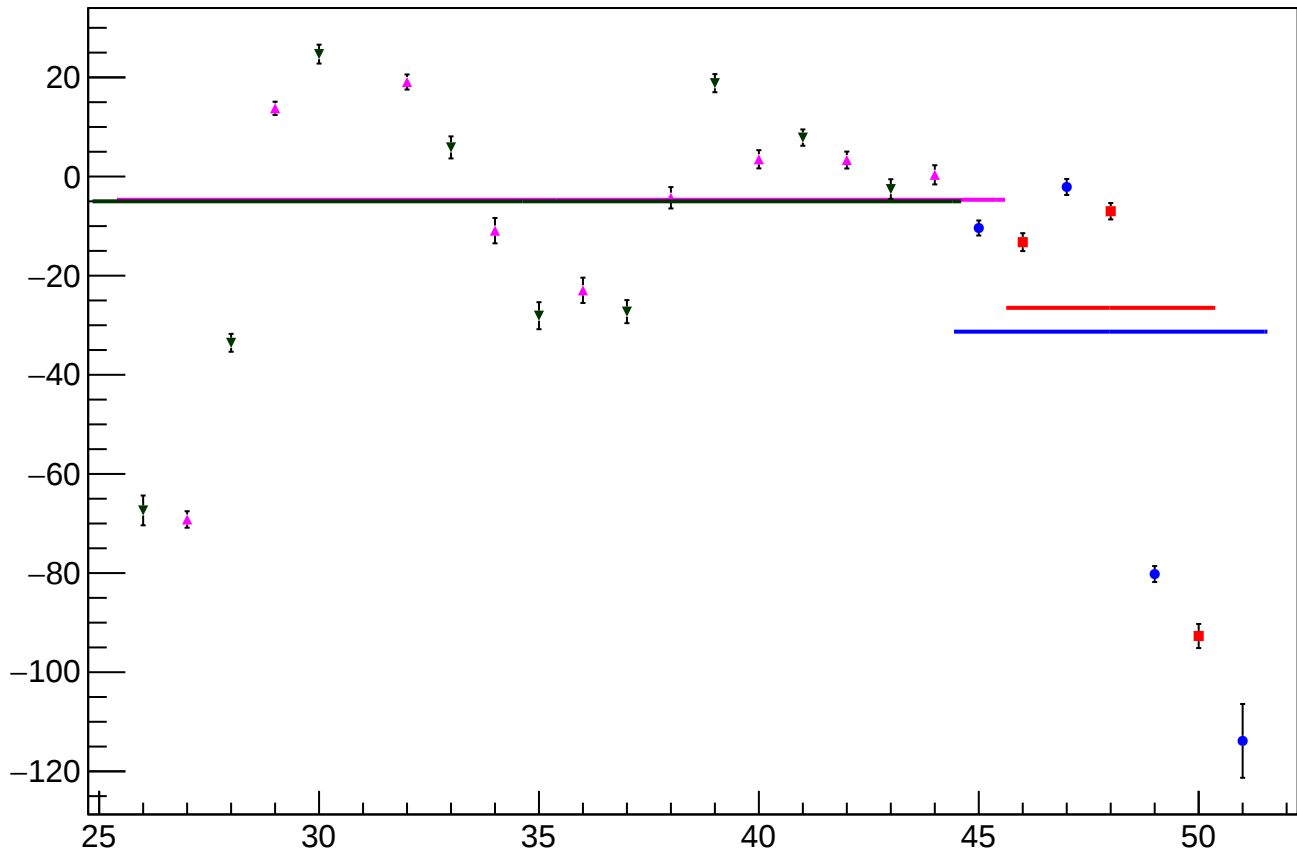
Right Out: 3308.794 ± 1.982 χ^2/NDF : 15652.6/2

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.6/8

3716.087 ± 1.012 χ^2/NDF : 266214.3/12

3742.963 ± 1.005 χ^2/NDF : 171485.2/11

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -31.296 ± 0.906 χ^2/NDF : 1554.7/3

Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

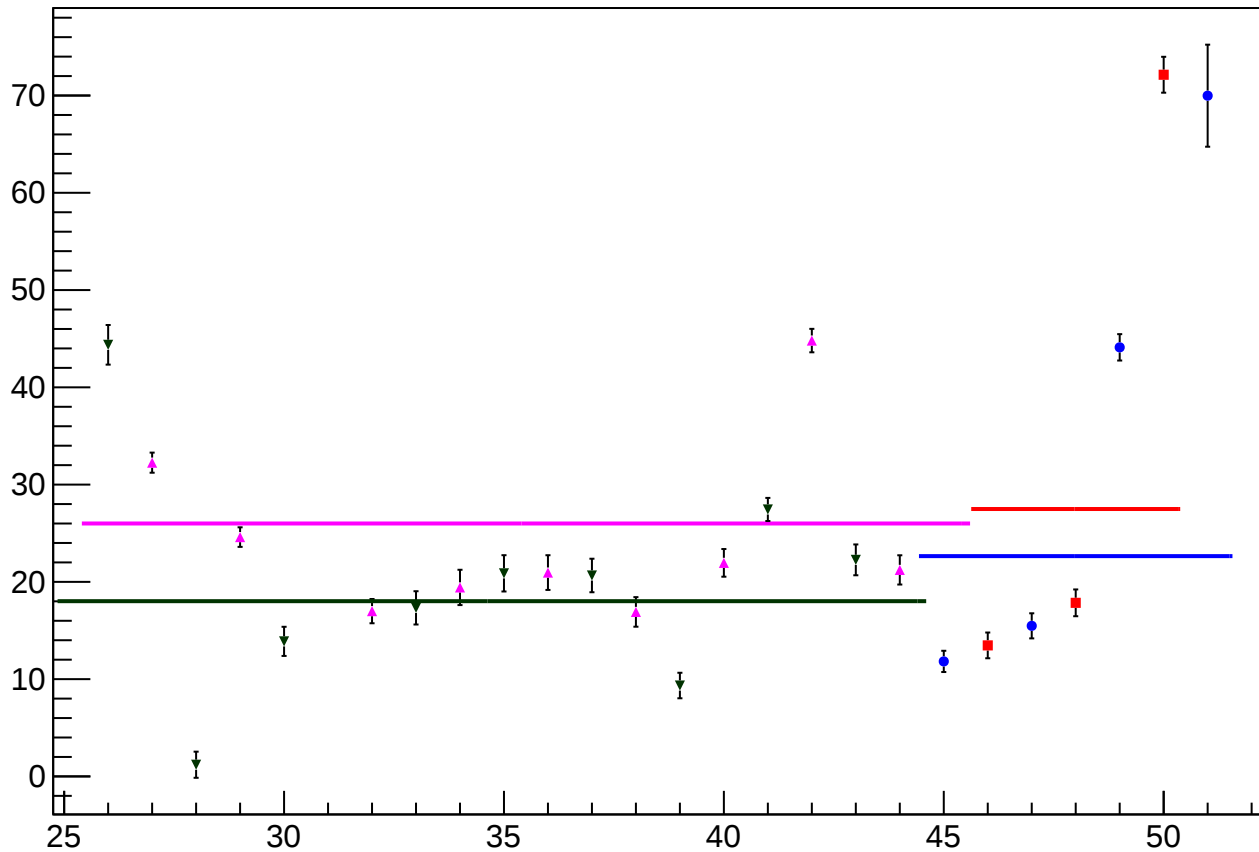
Right Out: -26.488 ± 1.089 χ^2/NDF : 935.0/2

Left In: -4.688 ± 0.600 χ^2/NDF : 2042.2/8

-14.550 ± 0.546 χ^2/NDF : 3433.9/12

-9.765 ± 0.526 χ^2/NDF : 3284.3/11

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 22.647 ± 0.704 χ^2/NDF : 461.1/3

Left Out: 18.015 ± 0.507 χ^2/NDF : 450.4/8

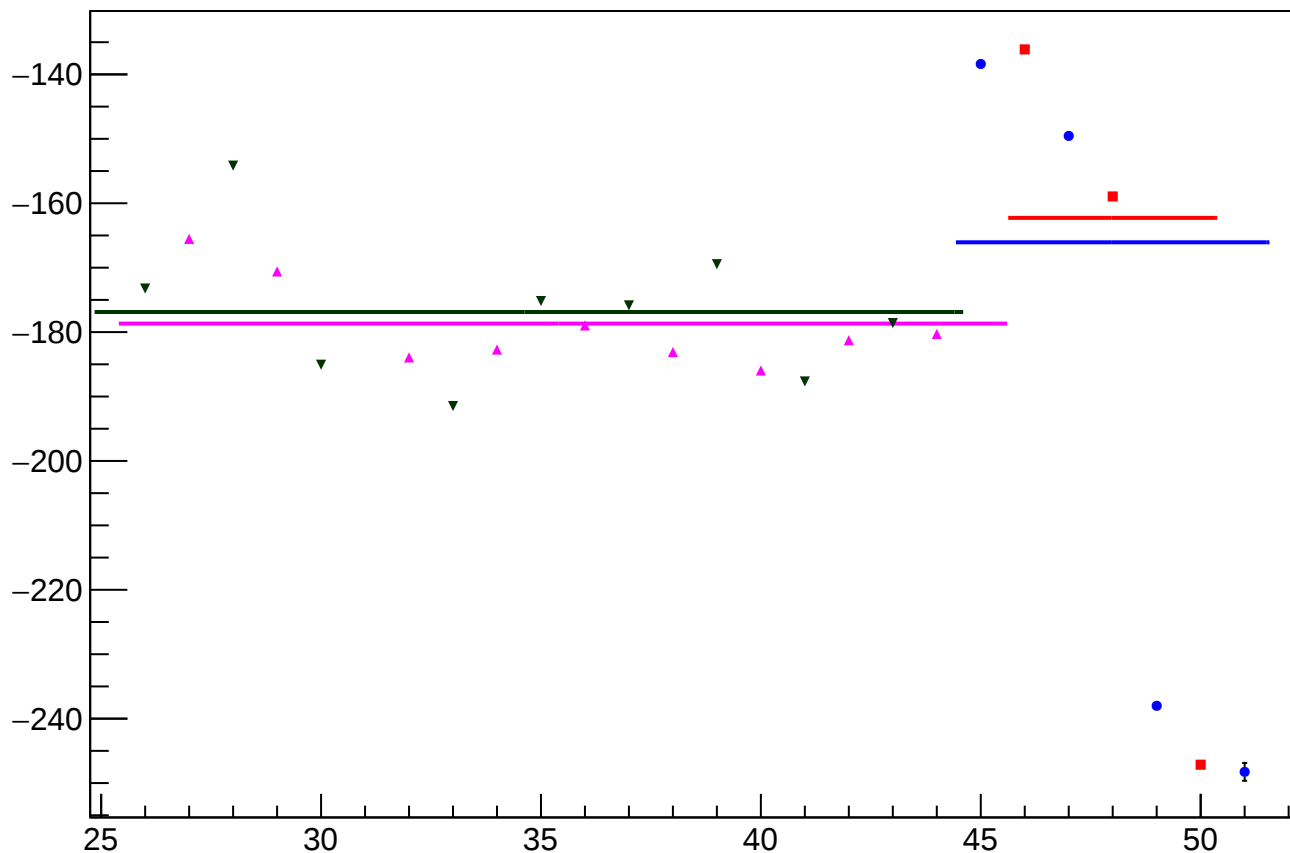
Right Out: 27.491 ± 0.847 χ^2/NDF : 746.6/2

Left In: 26.003 ± 0.437 χ^2/NDF : 409.3/8

19.597 ± 0.411 χ^2/NDF : 940.1/12

26.315 ± 0.388 χ^2/NDF : 1158.4/11

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -166.062 $\pm$ 0.158 χ^2 /NDF: 67173.8/3

Left Out: -176.881 $\pm$ 0.115 χ^2 /NDF:9699.1/8

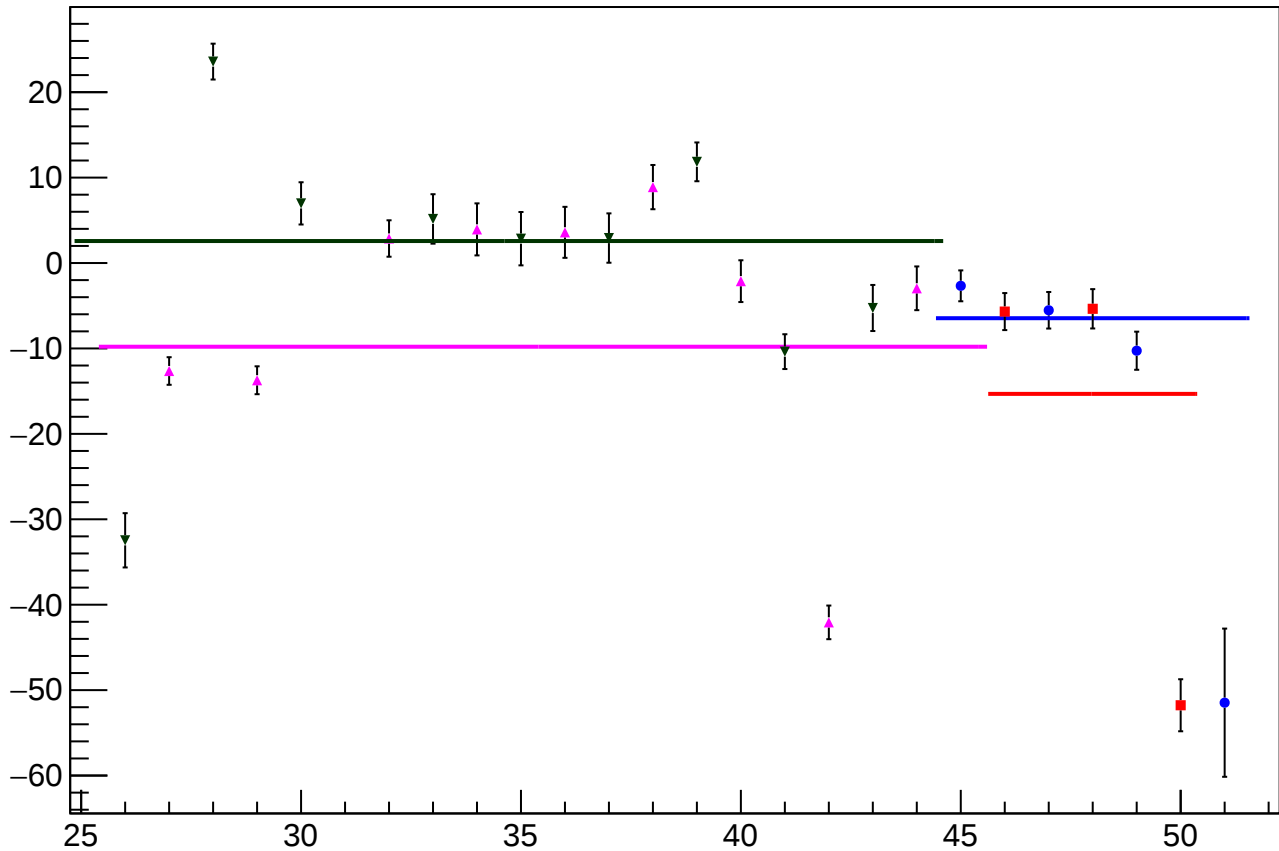
Right Out: -162.267 $\pm$ 0.184 χ^2 /NDF: 42510.8/2

Left In: -178.678 $\pm$ 0.104 χ^2 /NDF:4273.5/8

-173.131 $\pm$ 0.093 χ^2 /NDF: 79942.3/12

-174.724 $\pm$ 0.090 χ^2 /NDF: 52824.3/11

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -6.460 ± 1.163 $\chi^2/\text{NDF}: 34.4/3$

Left Out: 2.574 ± 0.844 $\chi^2/\text{NDF}: 291.3/8$

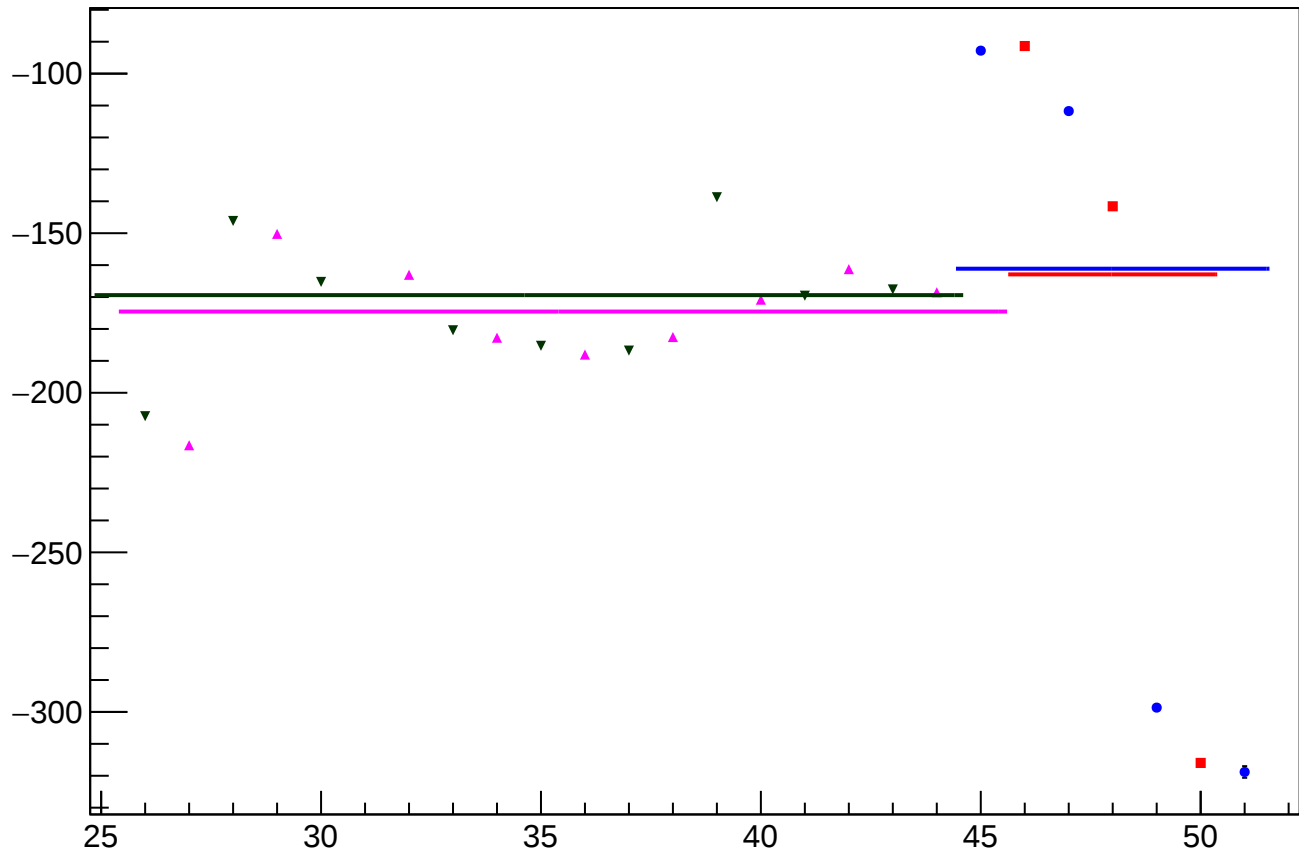
Right Out: -15.319 ± 1.401 $\chi^2/\text{NDF}: 181.8/2$

Left In: -9.798 ± 0.721 $\chi^2/\text{NDF}: 422.2/8$

-0.541 ± 0.683 $\chi^2/\text{NDF}: 365.2/12$

-10.953 ± 0.641 $\chi^2/\text{NDF}: 616.3/11$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -161.123+/-0.227 χ^2/NDF : 162202.4/3

Left Out: -169.406+/-0.155 χ^2/NDF : 16565.2/8

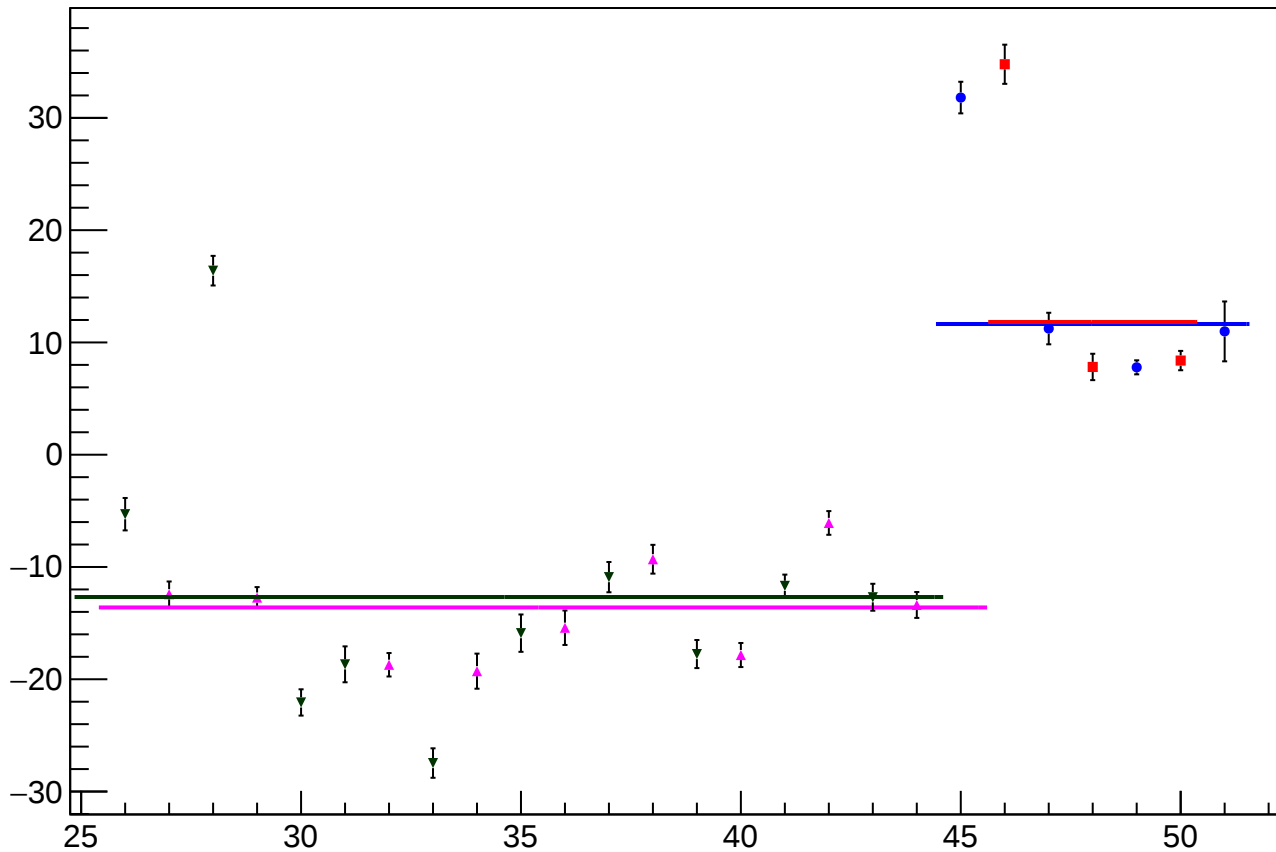
Right Out: -162.905+/-0.267 χ^2/NDF : 108379.1/2

Left In: -174.554+/-0.152 χ^2/NDF : 17338.0/8

-166.773+/-0.128 χ^2/NDF : 179672.1/12

-171.708+/-0.132 χ^2/NDF : 127158.2/11

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.642 ± 0.519 χ^2/NDF : 243.6/3

Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

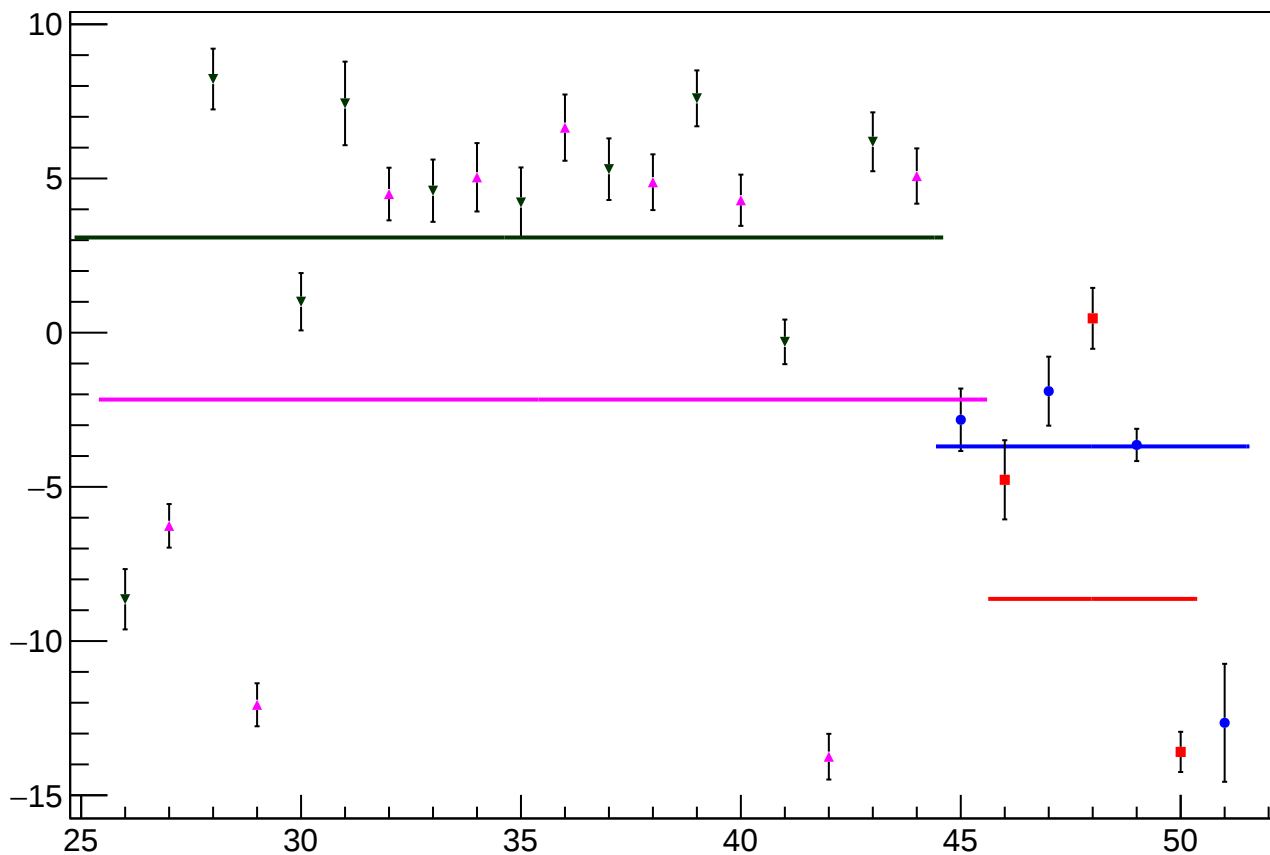
Right Out: 11.823 ± 0.645 χ^2/NDF : 200.7/2

Left In: -13.605 ± 0.383 χ^2/NDF : 118.1/8

-3.375 ± 0.321 χ^2/NDF : 2339.2/13

-6.967 ± 0.330 χ^2/NDF : 1466.8/11

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -3.689 ± 0.419 $\chi^2/\text{NDF}: 25.3/3$

Left Out: 3.086 ± 0.305 $\chi^2/\text{NDF}: 251.9/9$

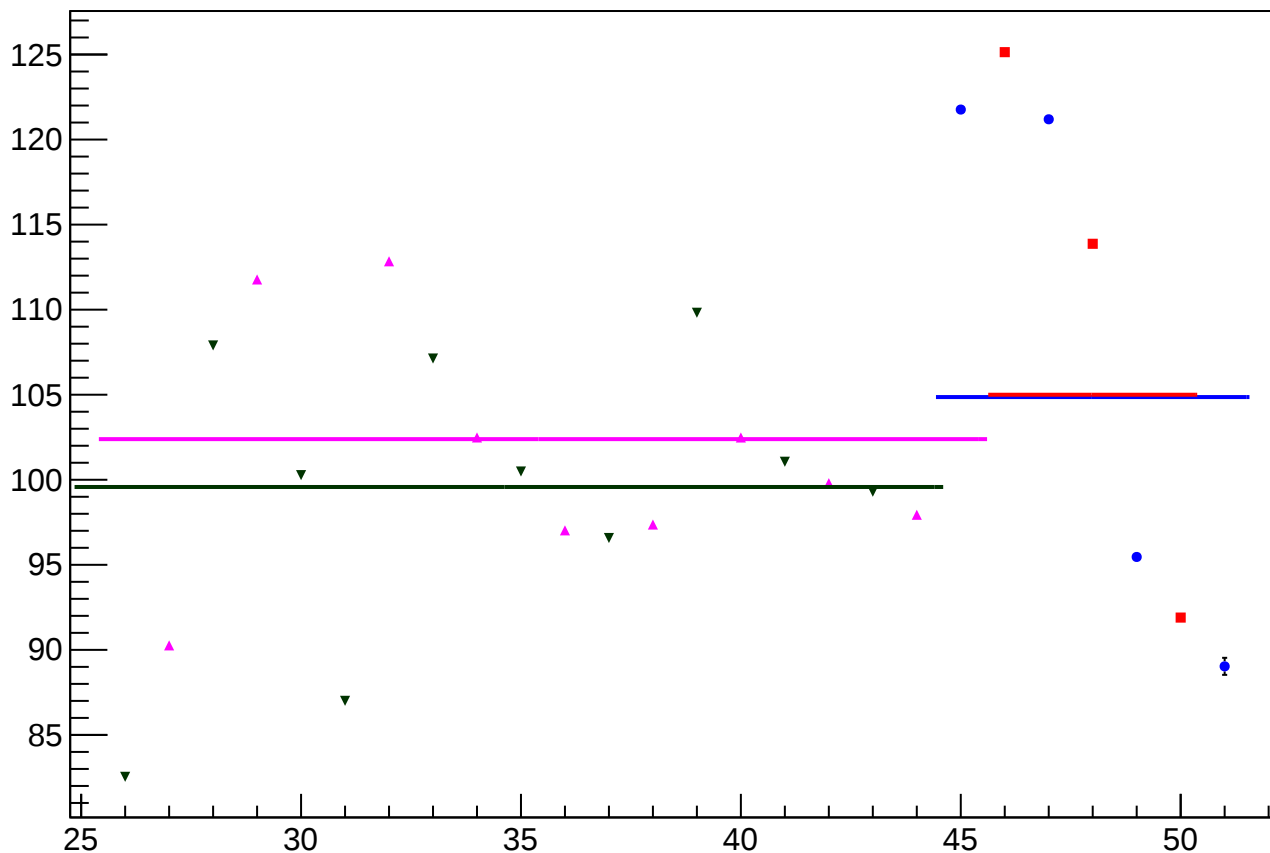
Right Out: -8.632 ± 0.501 $\chi^2/\text{NDF}: 151.8/2$

Left In: -2.169 ± 0.279 $\chi^2/\text{NDF}: 836.6/8$

0.741 ± 0.246 $\chi^2/\text{NDF}: 448.2/13$

-3.698 ± 0.244 $\chi^2/\text{NDF}: 1115.4/11$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 104.862 ± 0.099 $\chi^2/\text{NDF}: 16887.5/3$

Left Out: 99.576 ± 0.067 $\chi^2/\text{NDF}: 14210.5/9$

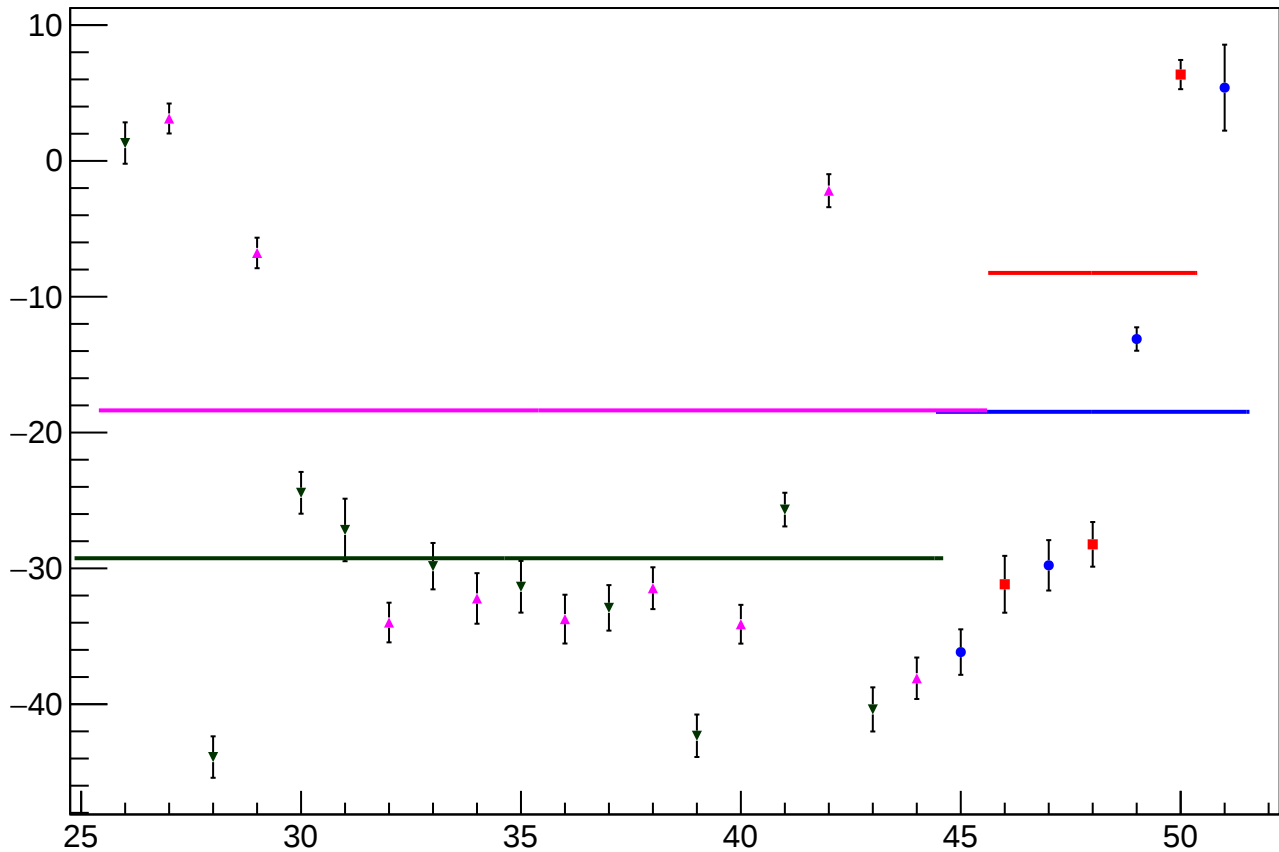
Right Out: 104.999 ± 0.118 $\chi^2/\text{NDF}: 13806.0/2$

Left In: 102.389 ± 0.066 $\chi^2/\text{NDF}: 12190.9/8$

101.243 ± 0.055 $\chi^2/\text{NDF}: 33062.3/13$

103.013 ± 0.057 $\chi^2/\text{NDF}: 26372.0/11$

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -18.473 ± 0.692 $\chi^2/\text{NDF}: 244.1/3$

Left Out: -29.254 ± 0.507 $\chi^2/\text{NDF}: 636.3/9$

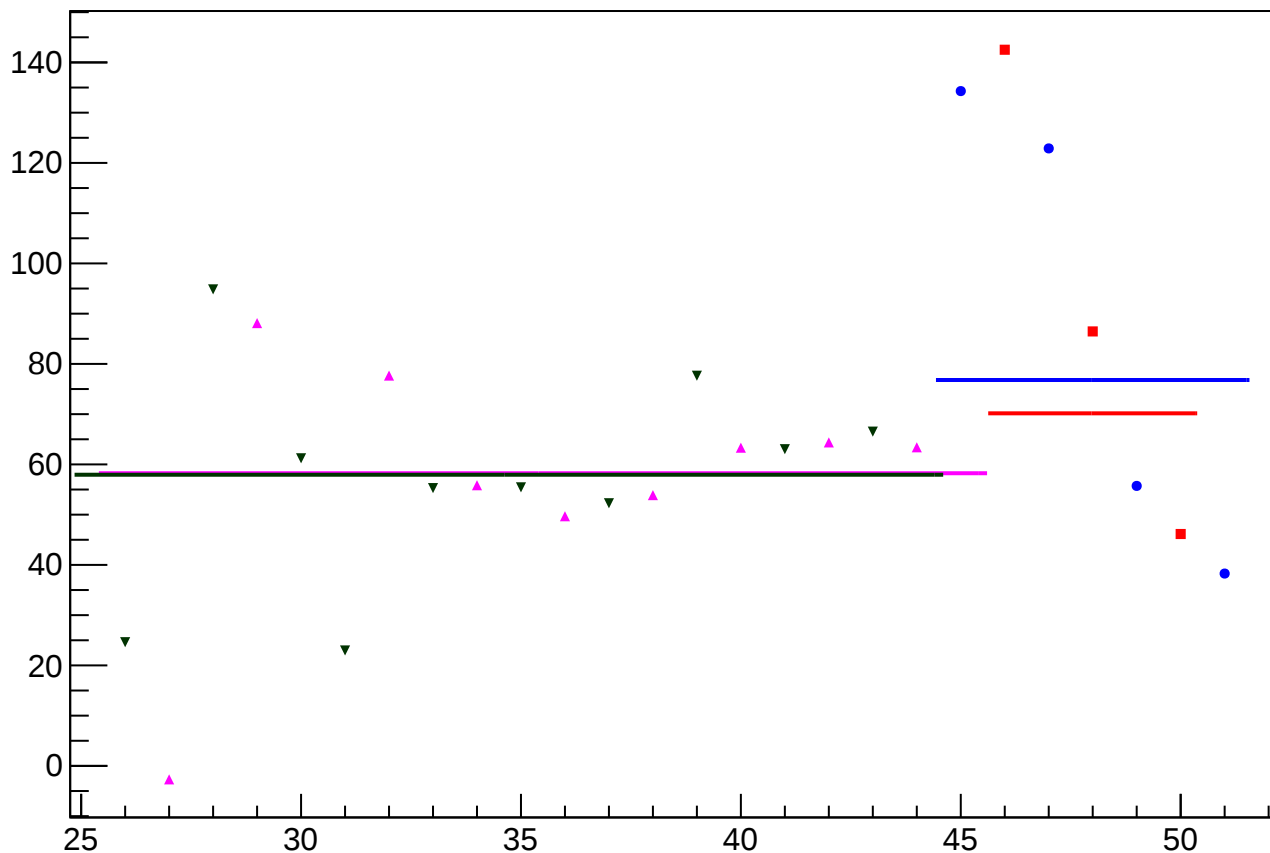
Right Out: -8.246 ± 0.827 $\chi^2/\text{NDF}: 452.0/2$

Left In: -18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

-25.482 ± 0.409 $\chi^2/\text{NDF}: 1038.3/13$

-15.966 ± 0.403 $\chi^2/\text{NDF}: 1833.6/11$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 76.797 $\pm$ 0.133 χ^2/NDF : 66231.5/3

Left Out: 57.944 $\pm$ 0.092 χ^2/NDF : 48321.4/9

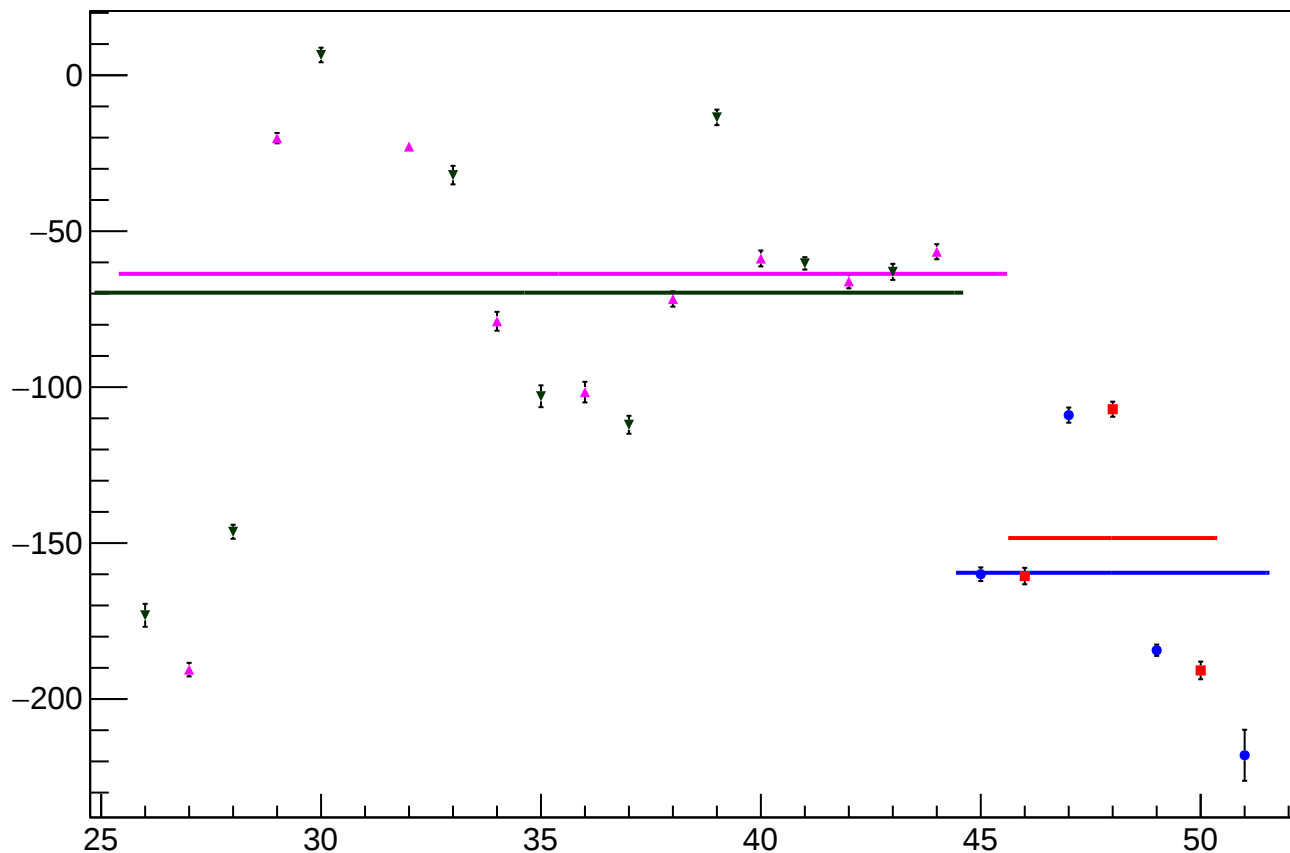
Right Out: 70.165 $\pm$ 0.149 χ^2/NDF : 49570.1/2

Left In: 58.243 $\pm$ 0.096 χ^2/NDF : 65783.5/8

64.021 $\pm$ 0.076 χ^2/NDF : 128125.5/13

61.719 $\pm$ 0.081 χ^2/NDF : 119867.2/11

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -159.518+/-1.198 χ^2/NDF : 670.4/3

Left Out: -69.710+/-0.865 χ^2/NDF : 4019.0/8

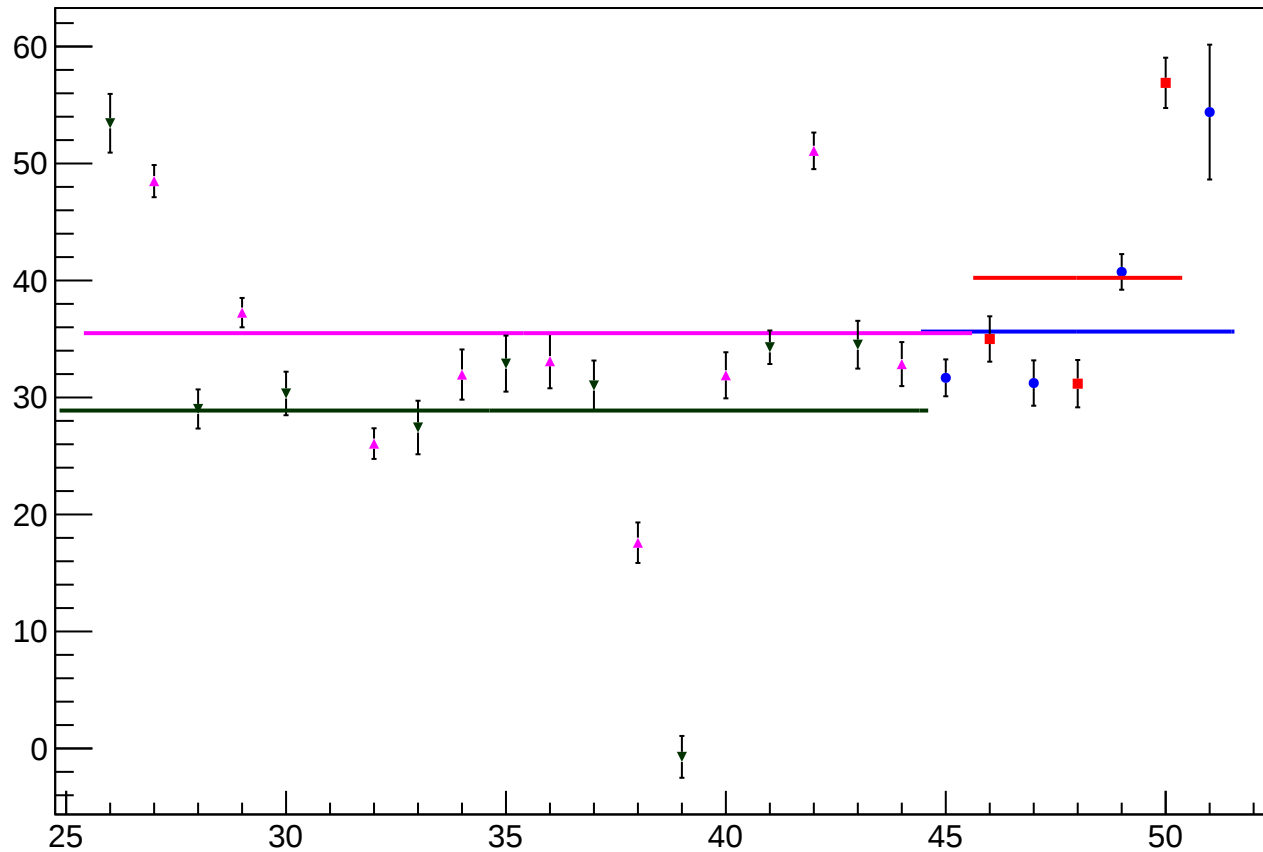
Right Out: -148.388+/-1.511 χ^2/NDF : 535.5/2

Left In: -63.663+/-0.734 χ^2/NDF : 4921.5/8

-100.477+/-0.701 χ^2/NDF : 8383.9/12

-79.825+/-0.660 χ^2/NDF : 8000.2/11

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 35.635 ± 0.941 $\chi^2/\text{NDF}: 33.2/3$

Left Out: 28.884 ± 0.641 $\chi^2/\text{NDF}: 396.4/8$

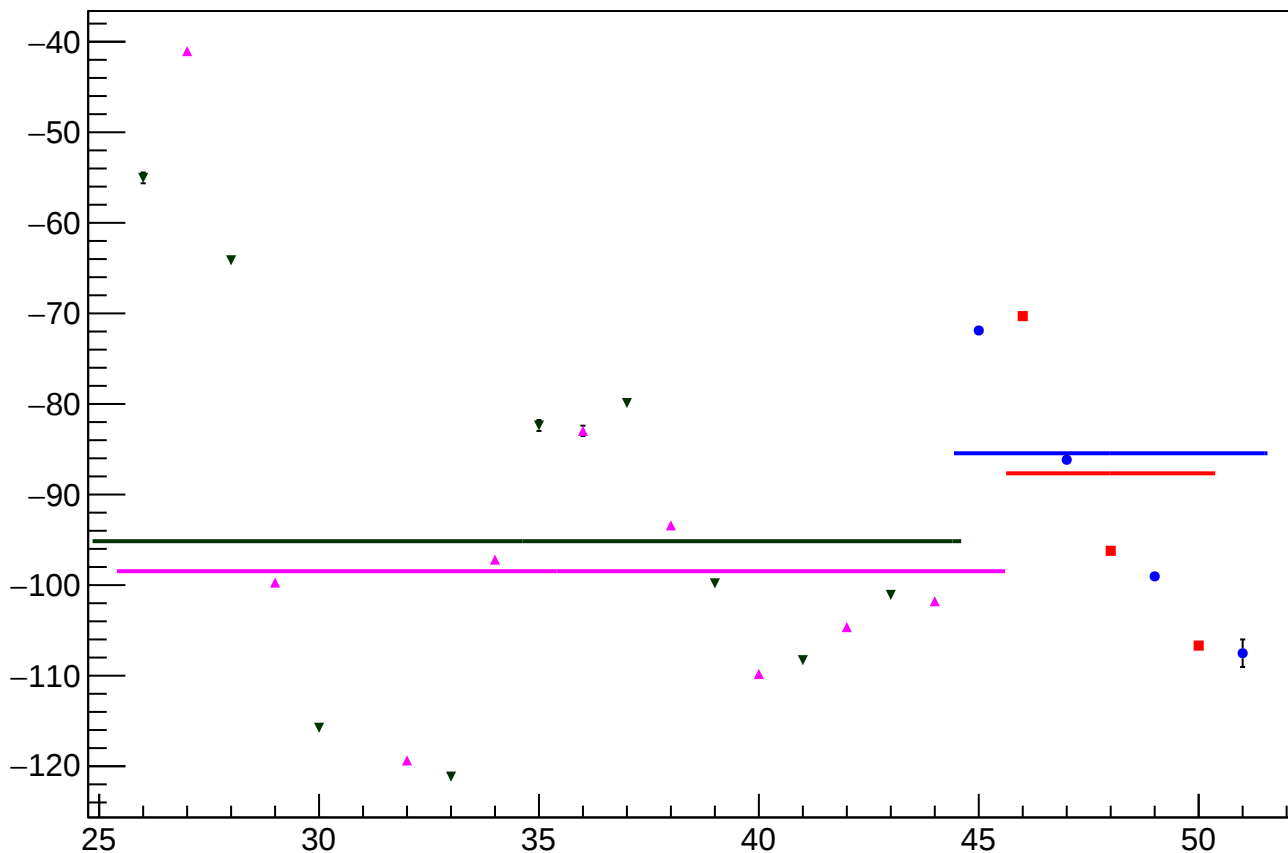
Right Out: 40.227 ± 1.173 $\chi^2/\text{NDF}: 87.3/2$

Left In: 35.499 ± 0.540 $\chi^2/\text{NDF}: 358.9/8$

31.025 ± 0.530 $\chi^2/\text{NDF}: 464.7/12$

36.324 ± 0.490 $\chi^2/\text{NDF}: 459.6/11$

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -85.444 ± 0.214 χ^2/NDF : 3048.6/3

Left Out: -95.151 ± 0.144 χ^2/NDF : 20300.2/8

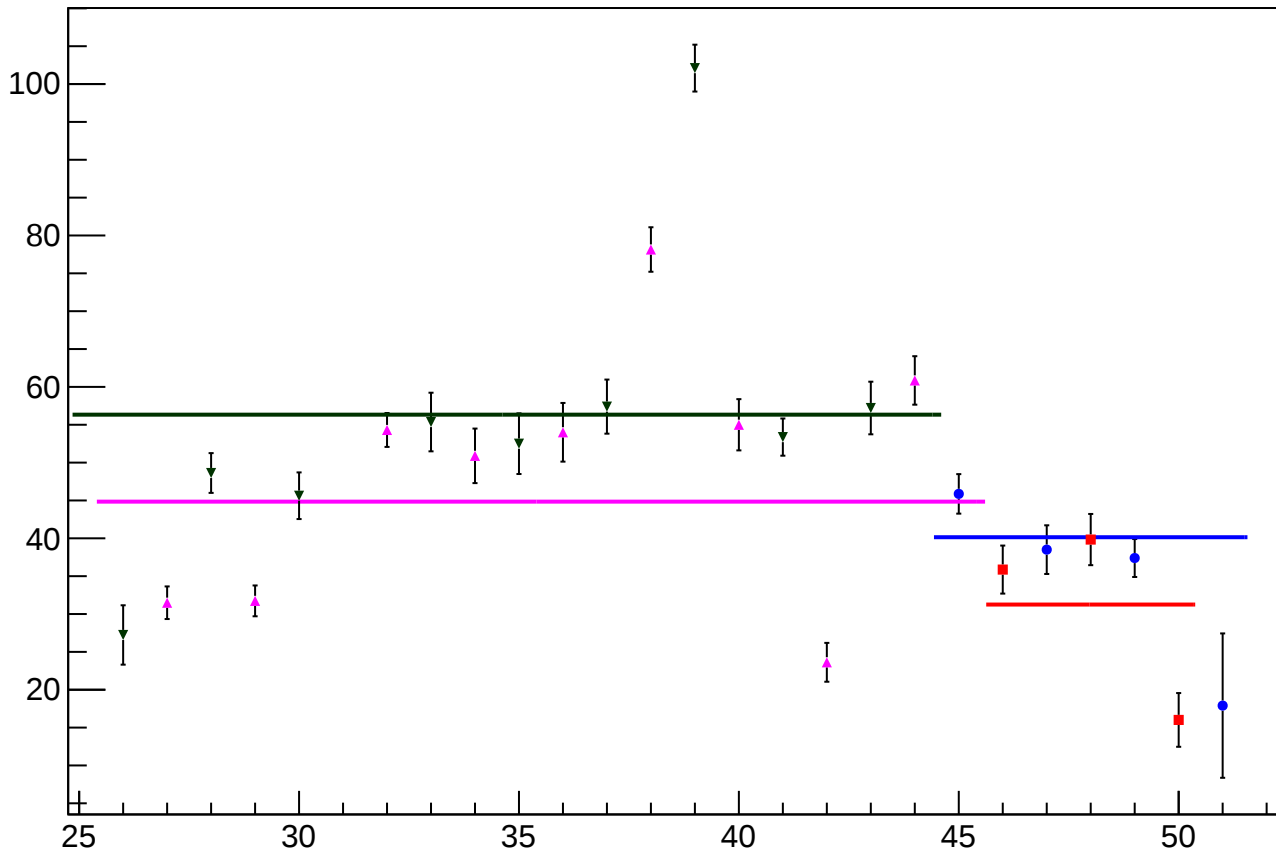
Right Out: -87.659 ± 0.259 χ^2/NDF : 3506.0/2

Left In: -98.464 ± 0.125 χ^2/NDF : 31724.1/8

-92.122 ± 0.120 χ^2/NDF : 24762.0/12

-96.430 ± 0.112 χ^2/NDF : 36646.1/11

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 40.144 ± 1.554 χ^2/NDF : 11.7/3

Left Out: 56.333 ± 1.069 χ^2/NDF : 296.9/8

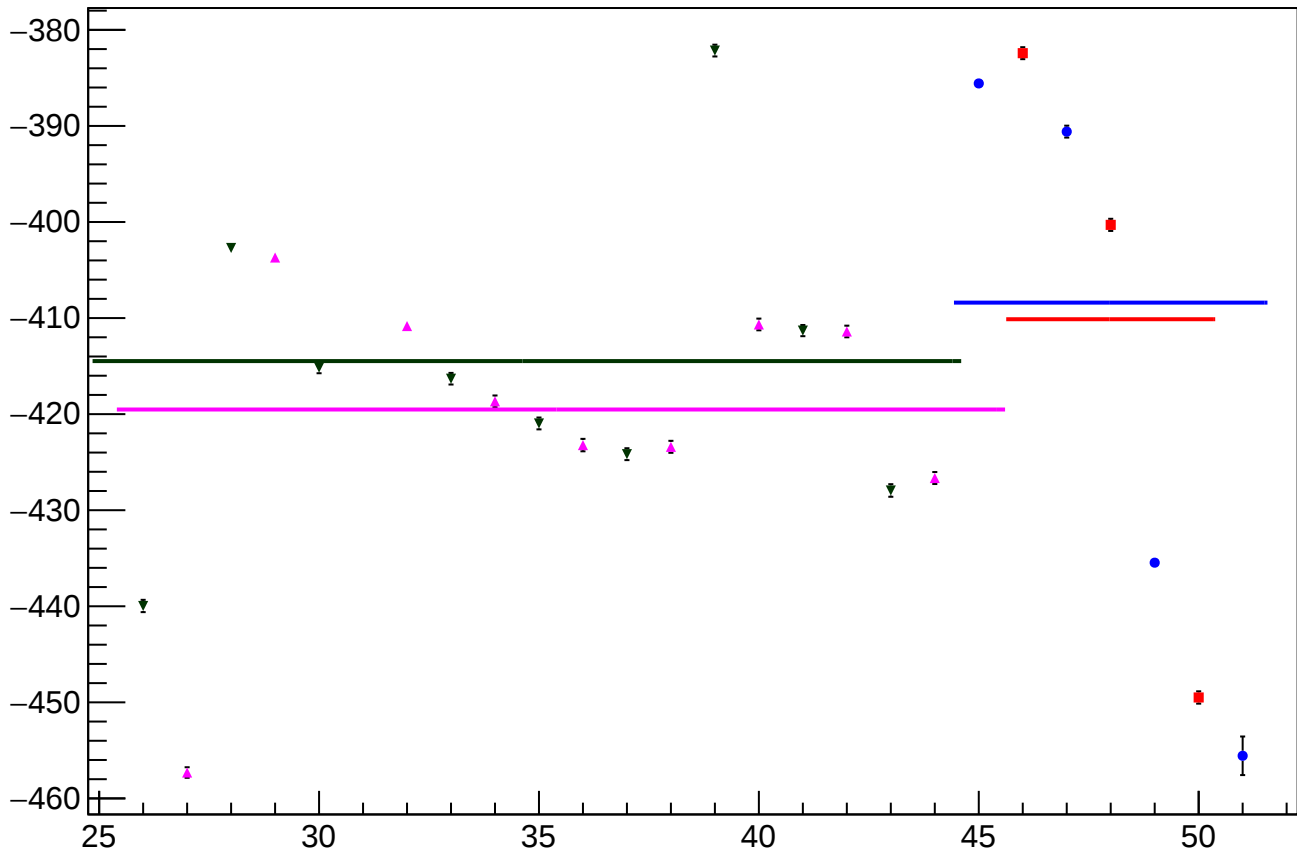
Right Out: 31.251 ± 1.938 χ^2/NDF : 27.0/2

Left In: 44.845 ± 0.893 χ^2/NDF : 337.0/8

51.137 ± 0.881 χ^2/NDF : 382.3/12

42.463 ± 0.811 χ^2/NDF : 404.6/11

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -408.391+/-0.303 χ^2/NDF : 6477.4/3

Left Out: -414.478+/-0.199 χ^2/NDF : 5731.0/8

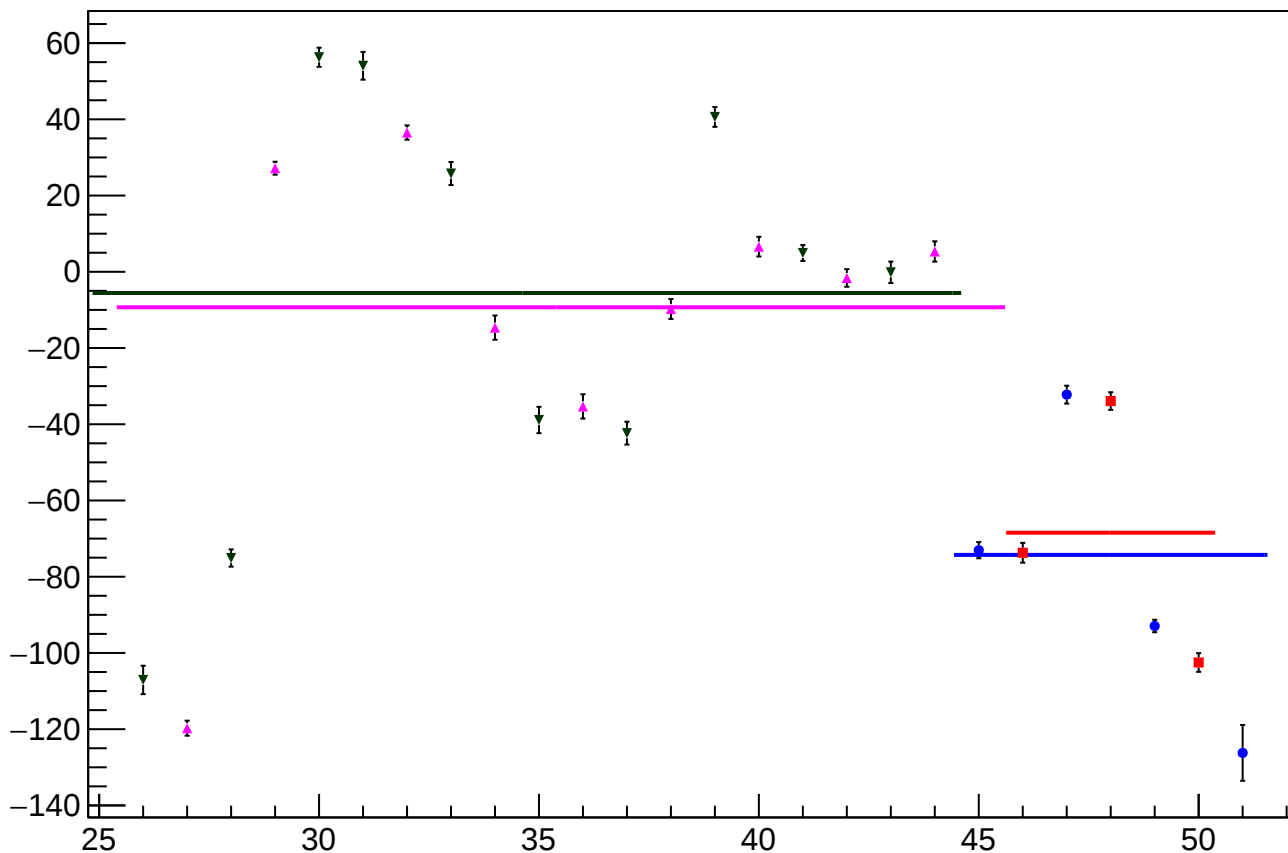
Right Out: -410.120+/-0.365 χ^2/NDF : 5983.8/2

Left In: -419.518+/-0.188 χ^2/NDF : 6841.3/8

-412.646+/-0.166 χ^2/NDF : 12489.9/12

-417.542+/-0.167 χ^2/NDF : 13348.2/11

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -74.272 $\pm$ 1.121 χ^2 /NDF: 501.9/3

Left Out: -5.557 $\pm$ 0.874 χ^2 /NDF:3249.1/9

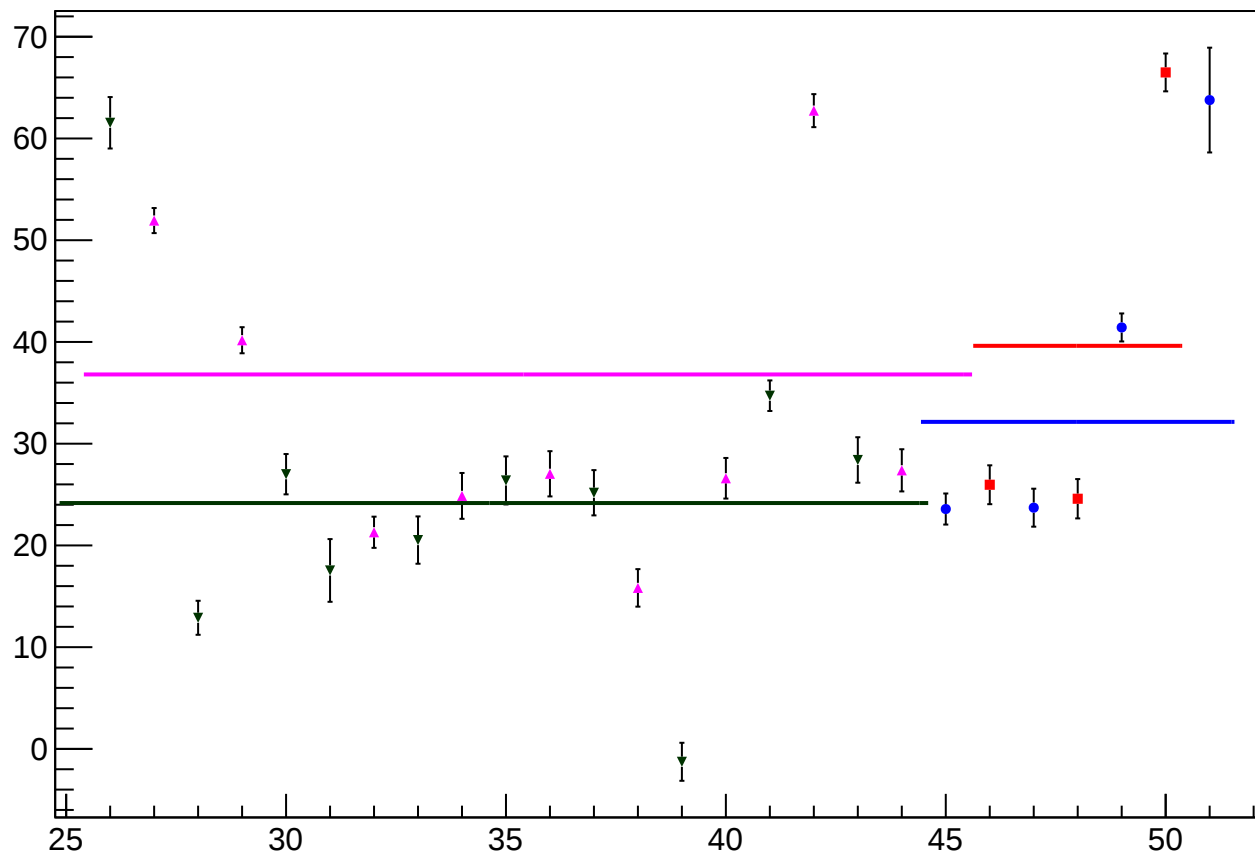
Right Out: -68.445 $\pm$ 1.413 χ^2 /NDF: 419.6/2

Left In: -9.304 $\pm$ 0.765 χ^2 /NDF:4334.5/8

-31.519 $\pm$ 0.689 χ^2 /NDF: 6087.2/13

-22.712 $\pm$ 0.673 χ^2 /NDF: 6108.4/11

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 32.145+/-0.883 χ^2/NDF : 135.1/3

Left Out: 24.167+/-0.649 χ^2/NDF : 512.5/9

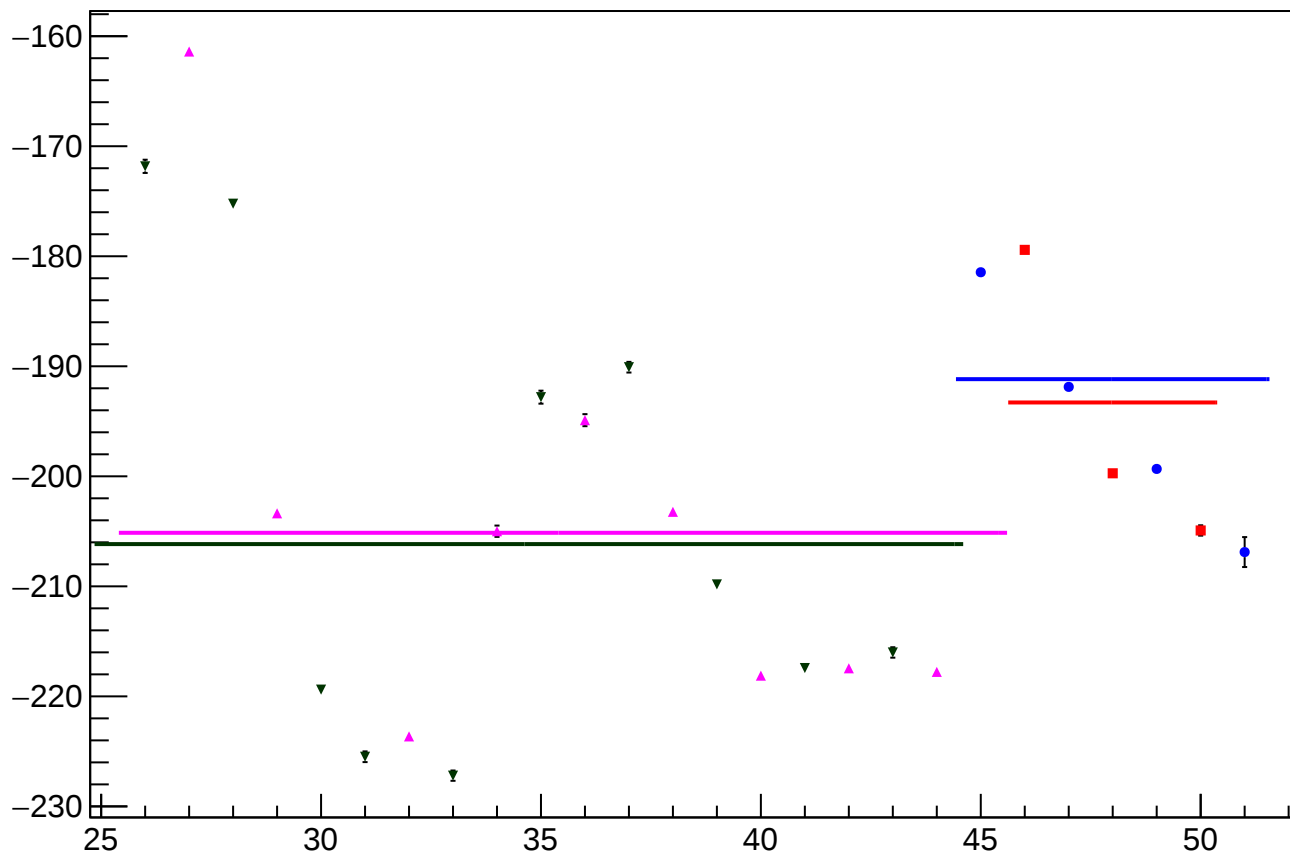
Right Out: 39.619+/-1.097 χ^2/NDF : 320.3/2

Left In: 36.806+/-0.555 χ^2/NDF : 738.7/8

26.967+/-0.523 χ^2/NDF : 700.6/13

37.379+/-0.495 χ^2/NDF : 1064.2/11

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -191.170 ± 0.202 χ^2/NDF : 1546.5/3

Left Out: -206.161 ± 0.144 χ^2/NDF : 16990.9/9

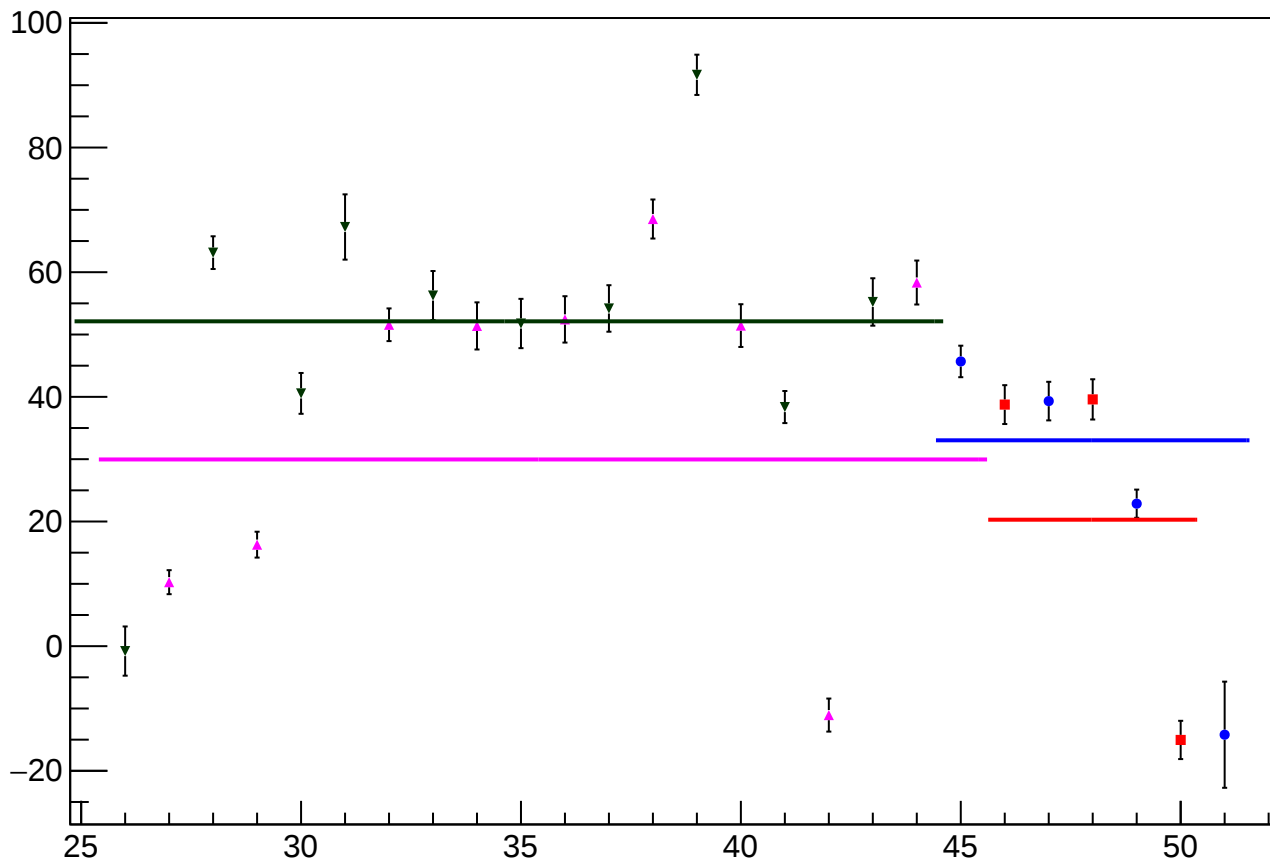
Right Out: -193.289 ± 0.244 χ^2/NDF : 2093.2/2

Left In: -205.134 ± 0.132 χ^2/NDF : 22564.1/8

-201.098 ± 0.117 χ^2/NDF : 22186.6/13

-202.474 ± 0.116 χ^2/NDF : 26477.5/11

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 33.028 $\pm$ 1.459 χ^2 /NDF: 80.2/3

Left Out: 52.118 $\pm$ 1.081 χ^2 /NDF:398.5/9

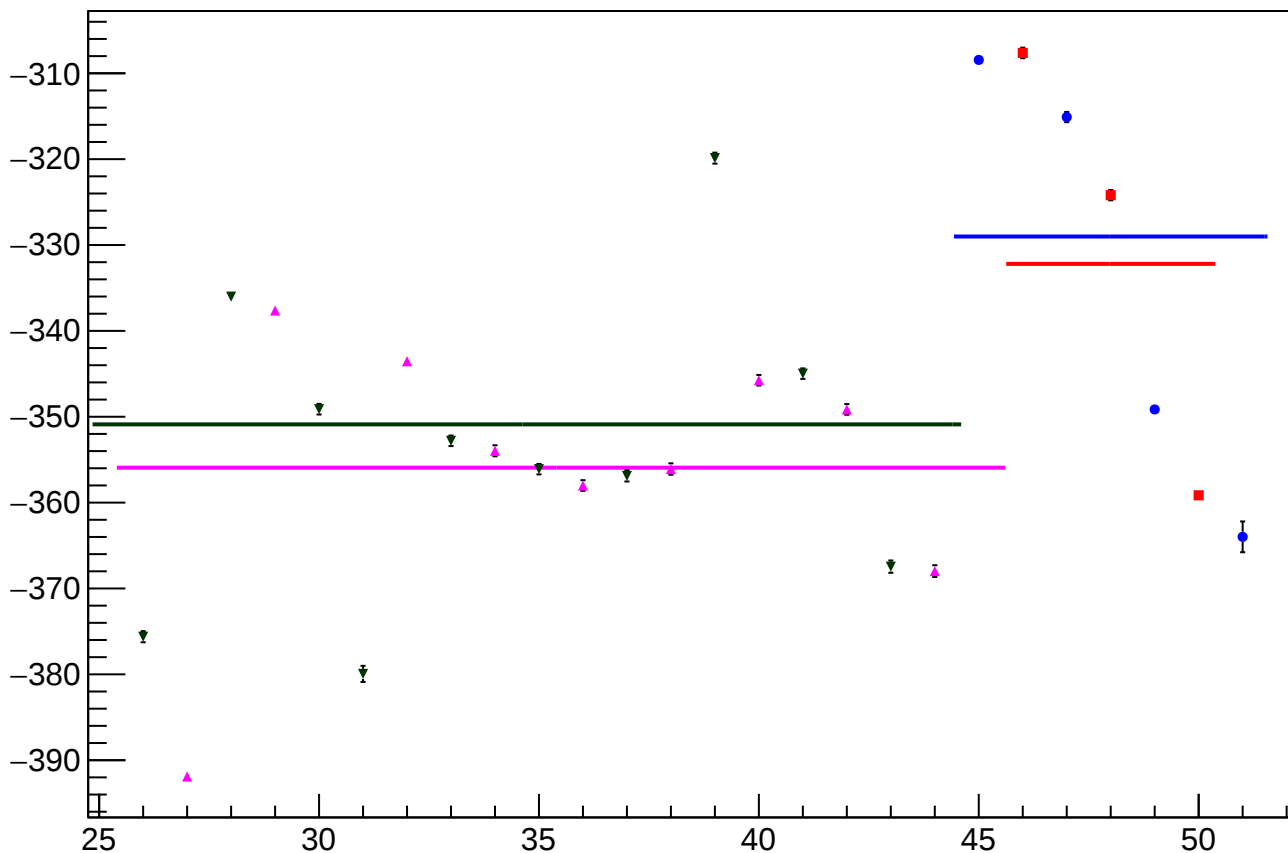
Right Out: 20.290 $\pm$ 1.811 χ^2 /NDF: 203.4/2

Left In: 29.956 $\pm$ 0.913 χ^2 /NDF:779.4/8

45.348 $\pm$ 0.869 χ^2 /NDF: 589.2/13

27.995 $\pm$ 0.815 χ^2 /NDF: 1005.5/11

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -329.008 ± 0.284 χ^2/NDF : 4754.5/3

Left Out: -350.887 ± 0.200 χ^2/NDF : 6484.7/9

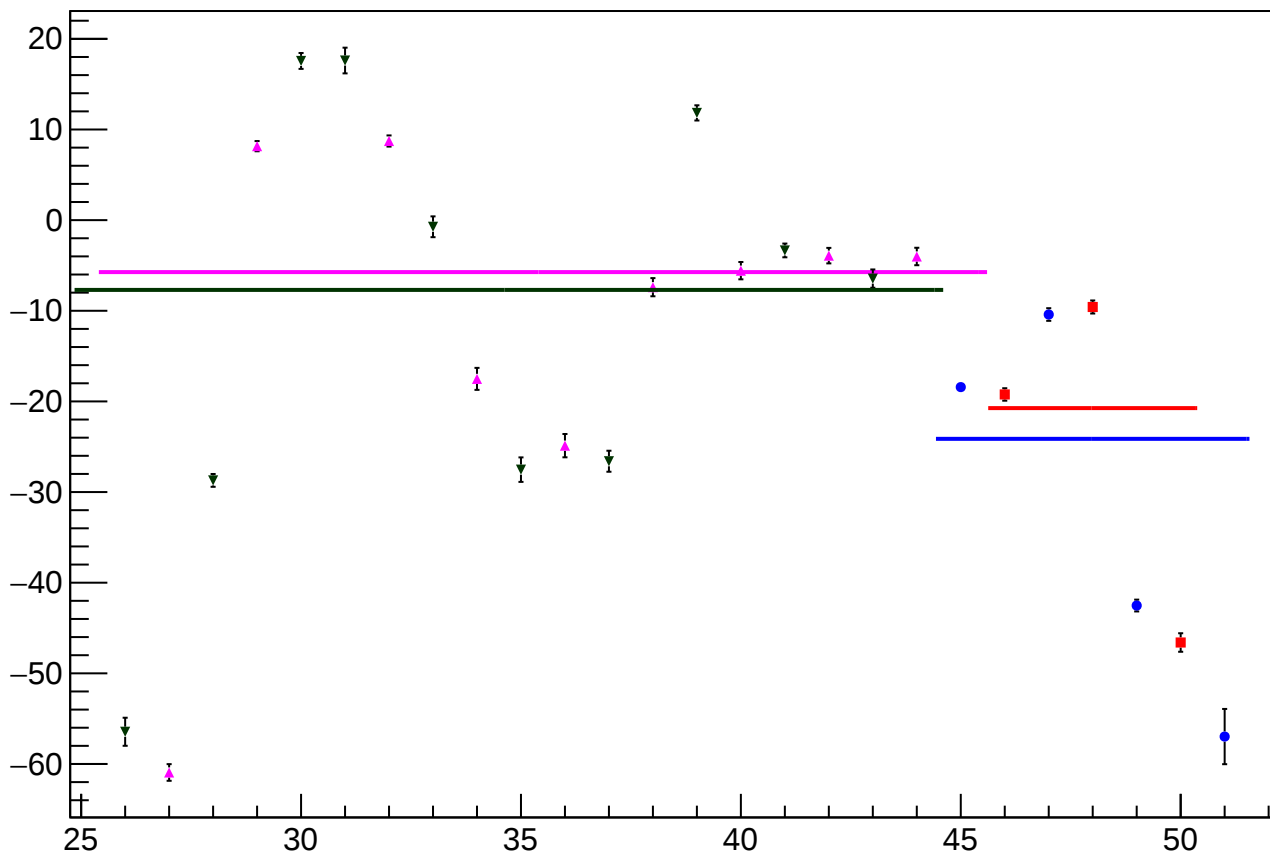
Right Out: -332.196 ± 0.339 χ^2/NDF : 4150.8/2

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.4/8

-343.640 ± 0.163 χ^2/NDF : 15207.4/13

-350.070 ± 0.168 χ^2/NDF : 15781.8/11

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -24.129 $\pm$ 0.359 χ^2 /NDF: 1404.8/3

Left Out: -7.698 $\pm$ 0.310 χ^2 /NDF: 4119.4/9

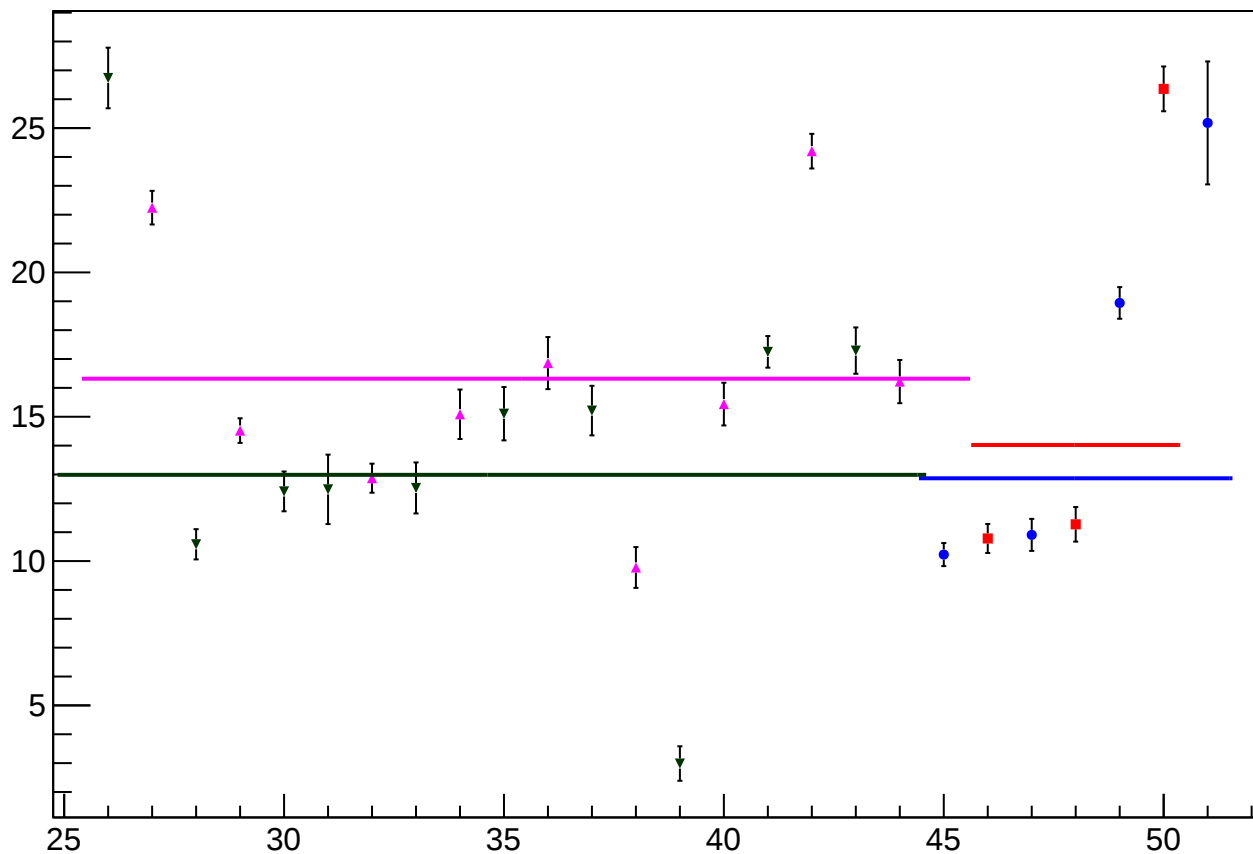
Right Out: -20.738 $\pm$ 0.447 χ^2 /NDF: 886.3/2

Left In: -5.733 $\pm$ 0.279 χ^2 /NDF: 5095.9/8

-14.716 $\pm$ 0.235 χ^2 /NDF: 6725.1/13

-9.953 $\pm$ 0.237 χ^2 /NDF: 6793.0/11

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.868 $\pm$ 0.277 χ^2 /NDF: 212.5/3

Left Out: 12.987 $\pm$ 0.230 χ^2 /NDF: 575.0/9

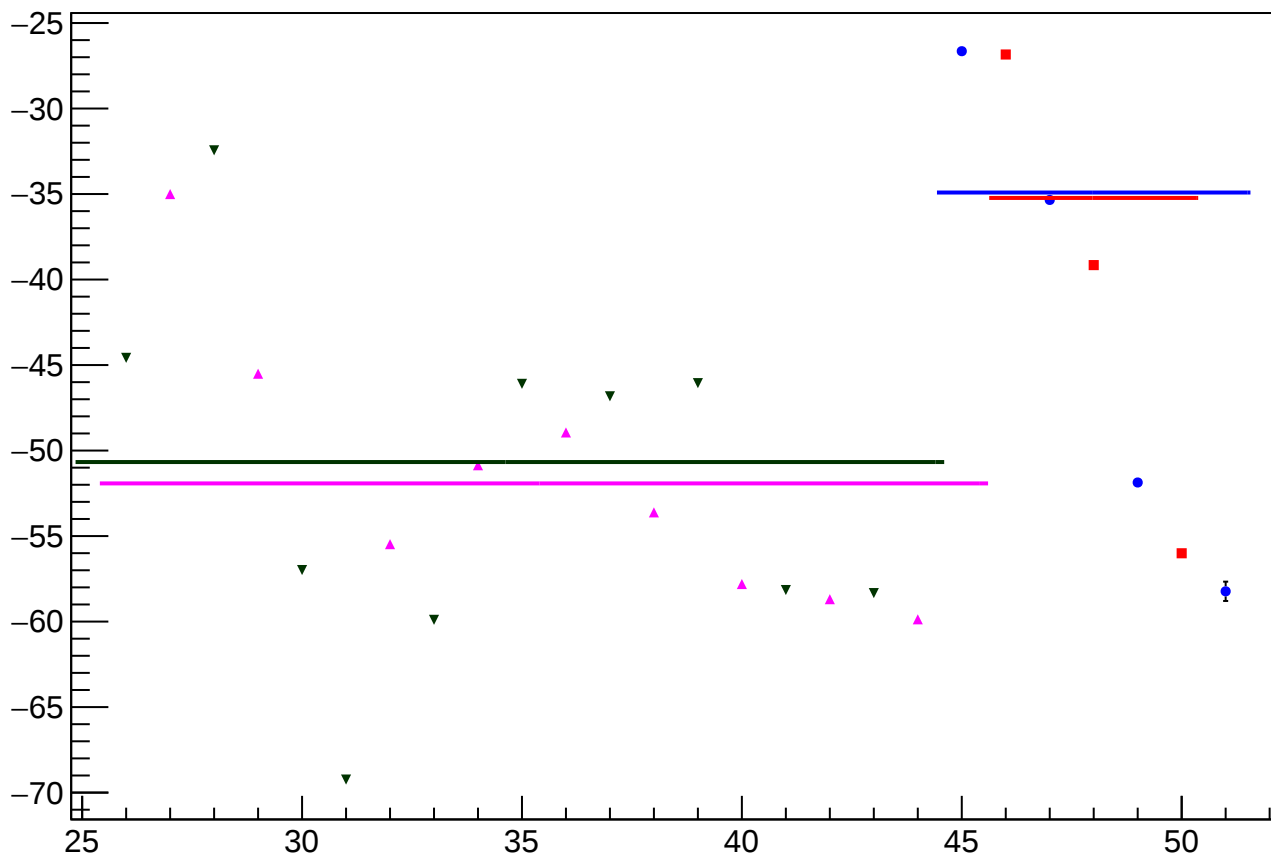
Right Out: 14.021 $\pm$ 0.345 χ^2 /NDF: 315.3/2

Left In: 16.318 $\pm$ 0.207 χ^2 /NDF: 430.3/8

12.939 $\pm$ 0.177 χ^2 /NDF: 787.6/13

15.710 $\pm$ 0.177 χ^2 /NDF: 778.2/11

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.912+/-0.062 χ^2/NDF : 26339.5/3

Left Out: -50.671+/-0.051 χ^2/NDF : 44323.0/9

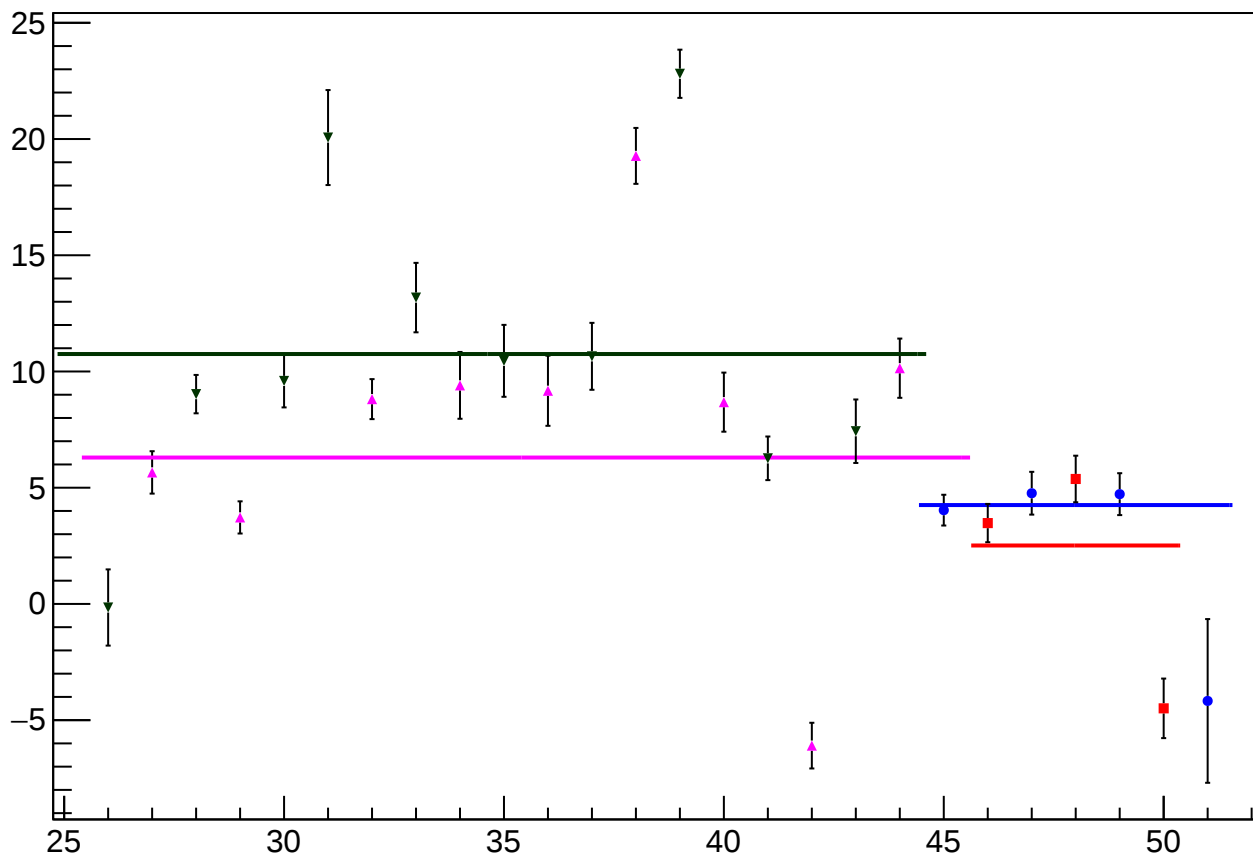
Right Out: -35.228+/-0.075 χ^2/NDF : 18715.3/2

Left In: -51.920+/-0.048 χ^2/NDF : 21764.1/8

-44.295+/-0.040 χ^2/NDF : 108869.8/13

-47.061+/-0.040 χ^2/NDF : 75905.0/11

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.254 $\pm$ 0.458 χ^2 /NDF: 6.4/3

Left Out: 10.751 $\pm$ 0.383 χ^2 /NDF: 237.1/9

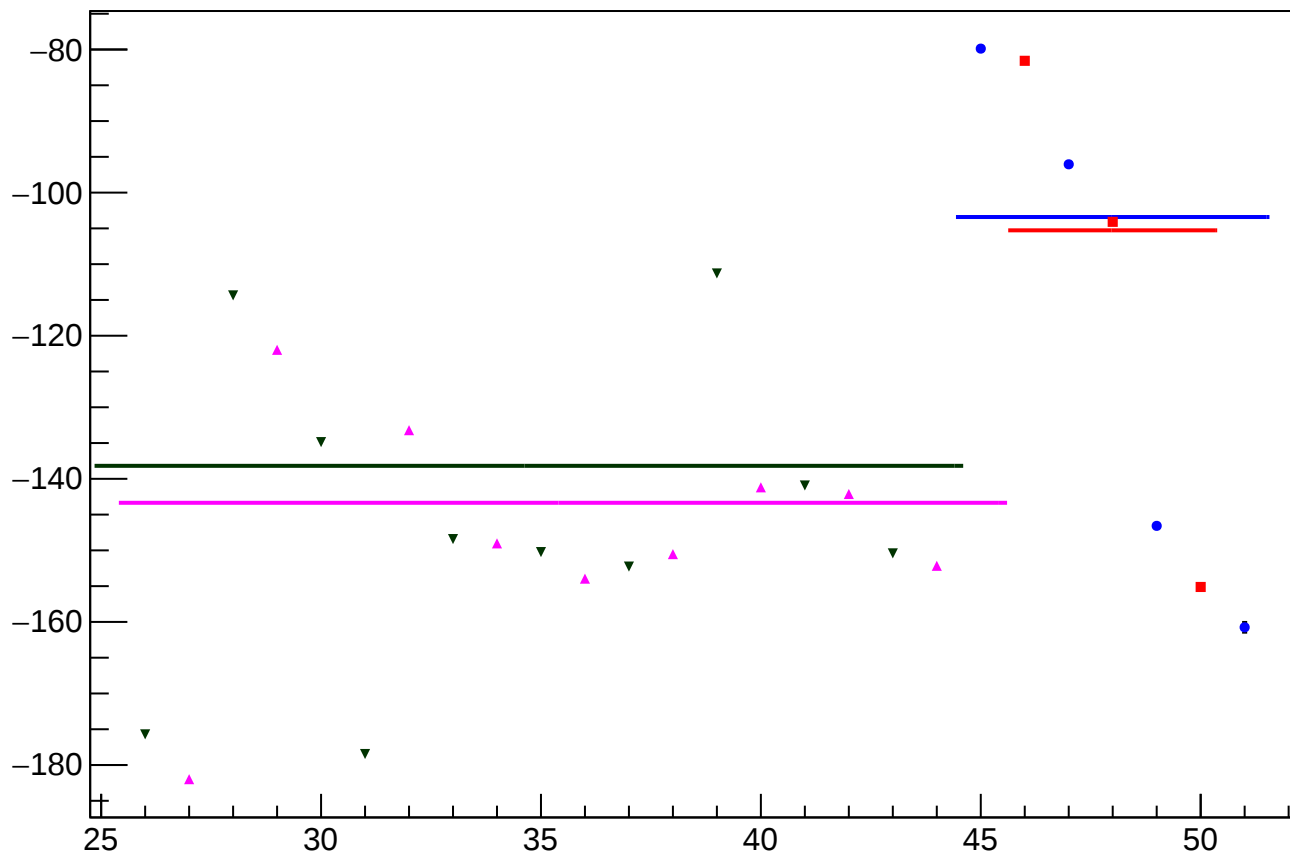
Right Out: 2.514 $\pm$ 0.570 χ^2 /NDF: 39.4/2

Left In: 6.298 $\pm$ 0.343 χ^2 /NDF: 319.2/8

8.070 $\pm$ 0.294 χ^2 /NDF: 361.9/13

5.294 $\pm$ 0.294 χ^2 /NDF: 391.0/11

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -103.411+/-0.090 χ^2/NDF : 102061.5/3

Left Out: -138.184+/-0.072 χ^2/NDF : 82180.0/9

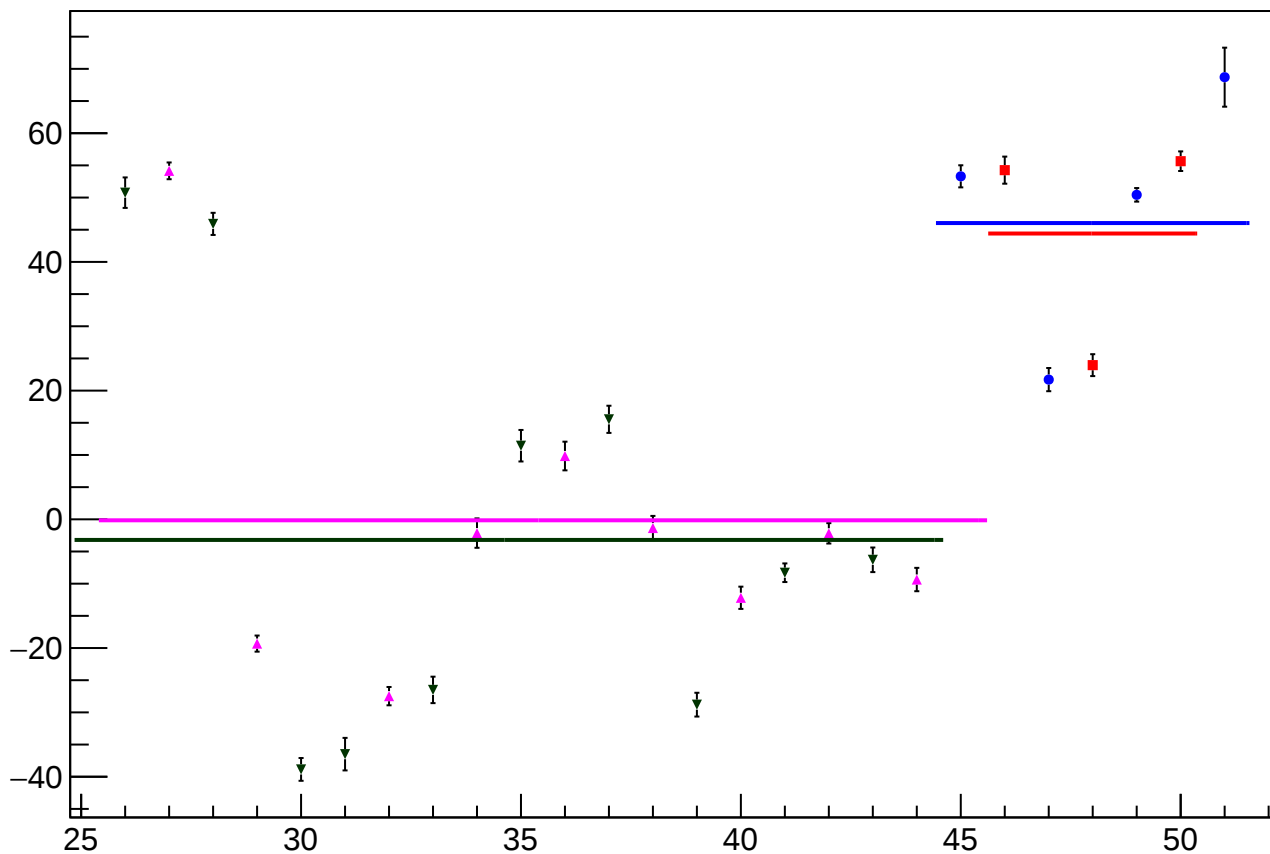
Right Out: -105.272+/-0.109 χ^2/NDF : 68027.2/2

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-124.640+/-0.056 χ^2/NDF : 275769.5/13

-131.776+/-0.060 χ^2/NDF : 208225.3/11

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 46.039+/-0.792 χ^2/NDF : 241.6/3

Left Out: -3.202+/-0.613 χ^2/NDF : 2363.4/9

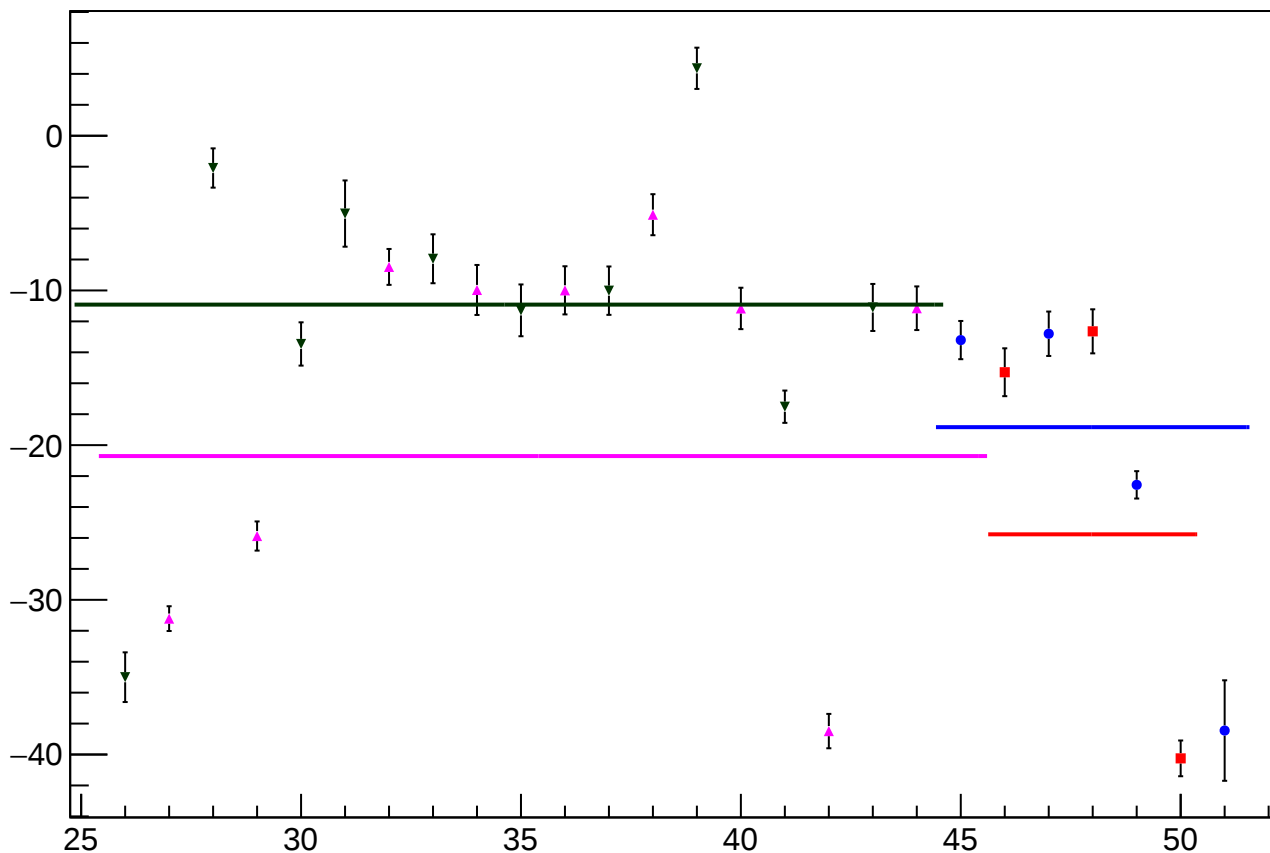
Right Out: 44.412+/-0.999 χ^2/NDF : 220.8/2

Left In: -0.152+/-0.540 χ^2/NDF : 2441.2/8

15.228+/-0.485 χ^2/NDF : 5022.5/13

9.910+/-0.475 χ^2/NDF : 4202.4/11

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -18.838 $\pm$ 0.631 χ^2/NDF : 92.7/3

Left Out: -10.916 $\pm$ 0.456 χ^2/NDF : 459.2/9

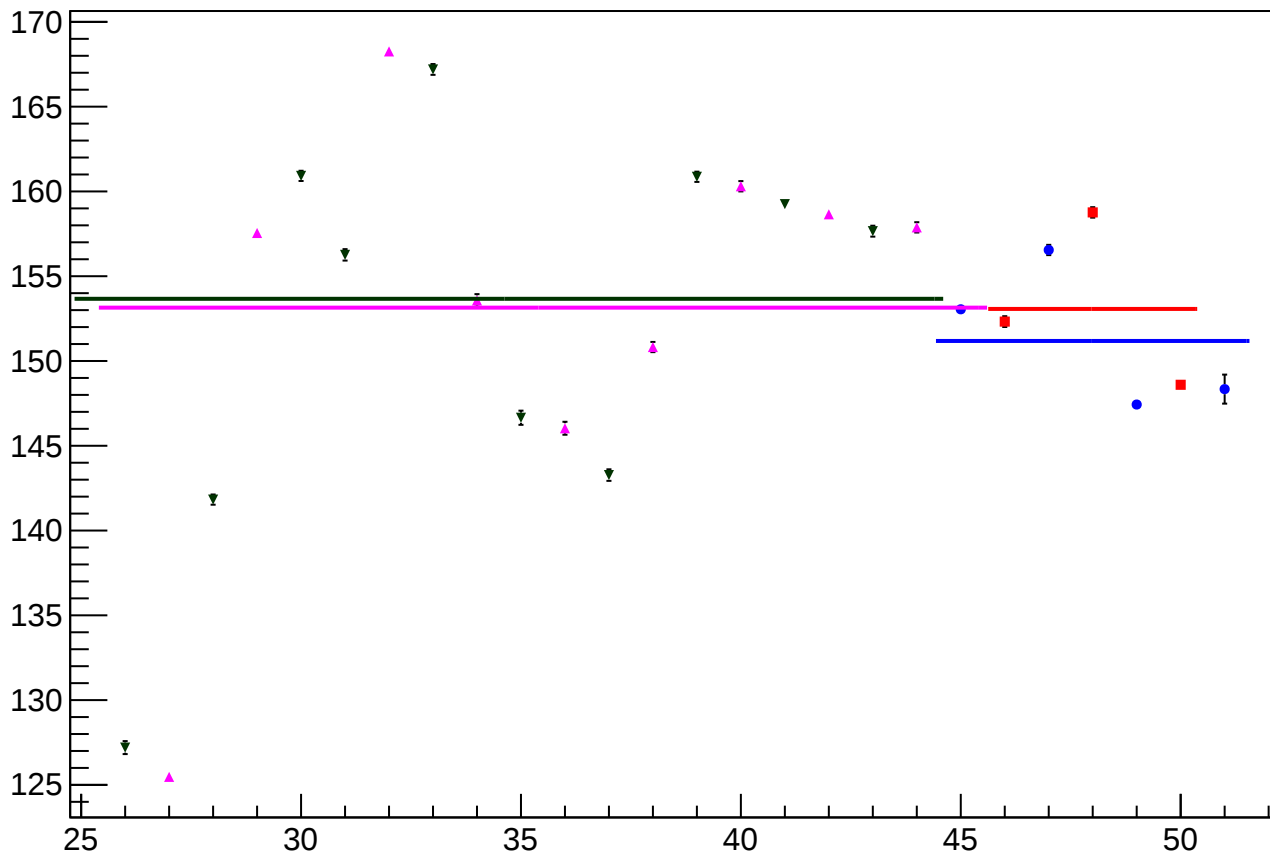
Right Out: -25.766 $\pm$ 0.776 χ^2/NDF : 288.0/2

Left In: -20.706 $\pm$ 0.387 χ^2/NDF : 896.2/8

-13.632 $\pm$ 0.369 χ^2/NDF : 655.5/13

-21.715 $\pm$ 0.347 χ^2/NDF : 1218.2/11

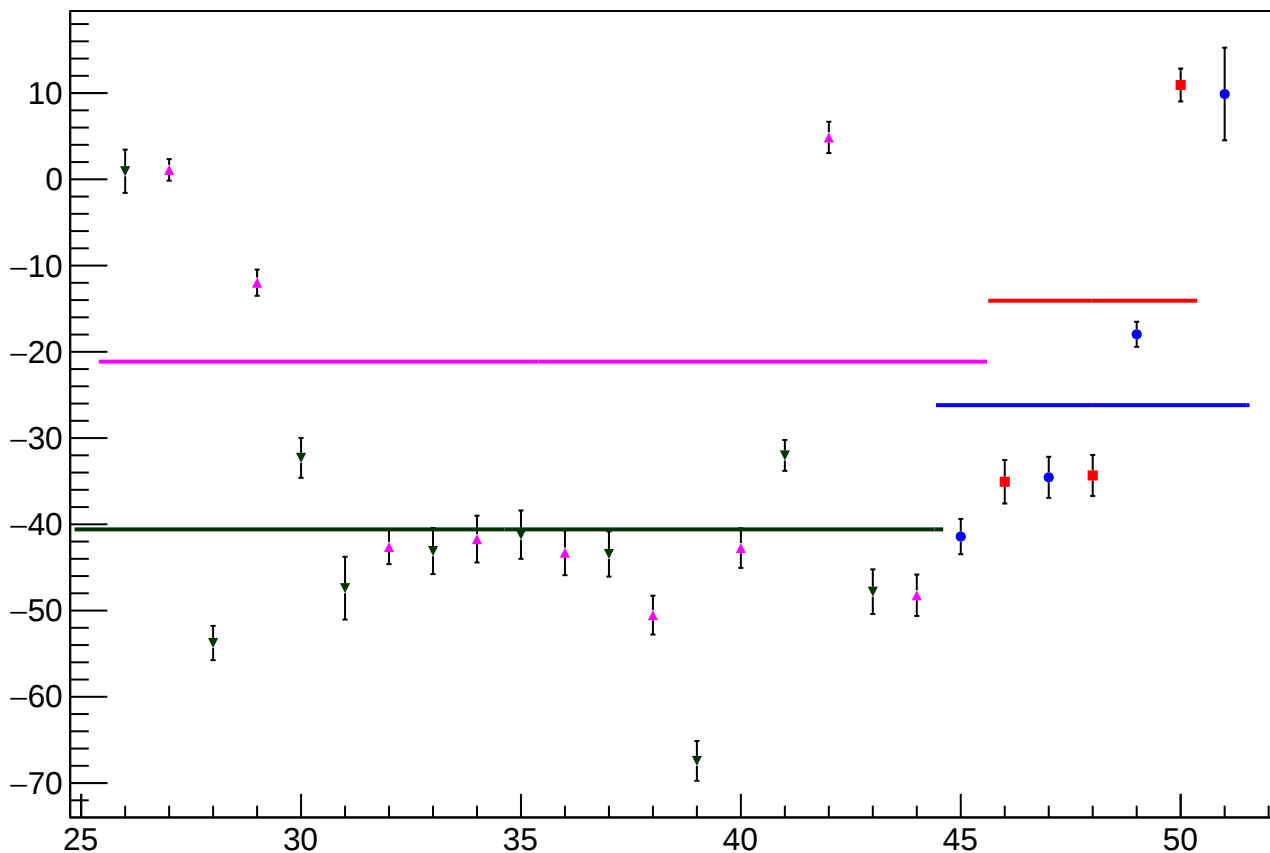
reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 151.181 ± 0.146 χ^2/NDF : 670.4/3
 Left Out: 153.668 ± 0.101 χ^2/NDF : 11181.3/9
 Right Out: 153.070 ± 0.177 χ^2/NDF : 579.8/2
 Left In: 153.146 ± 0.093 χ^2/NDF : 20805.5/8

152.863 ± 0.083 χ^2/NDF : 12047.8/13
 153.130 ± 0.082 χ^2/NDF : 21385.5/11

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -26.185 $\pm$ 1.042 χ^2 /NDF: 144.8/3

Left Out: -40.588 $\pm$ 0.759 χ^2 /NDF: 503.5/9

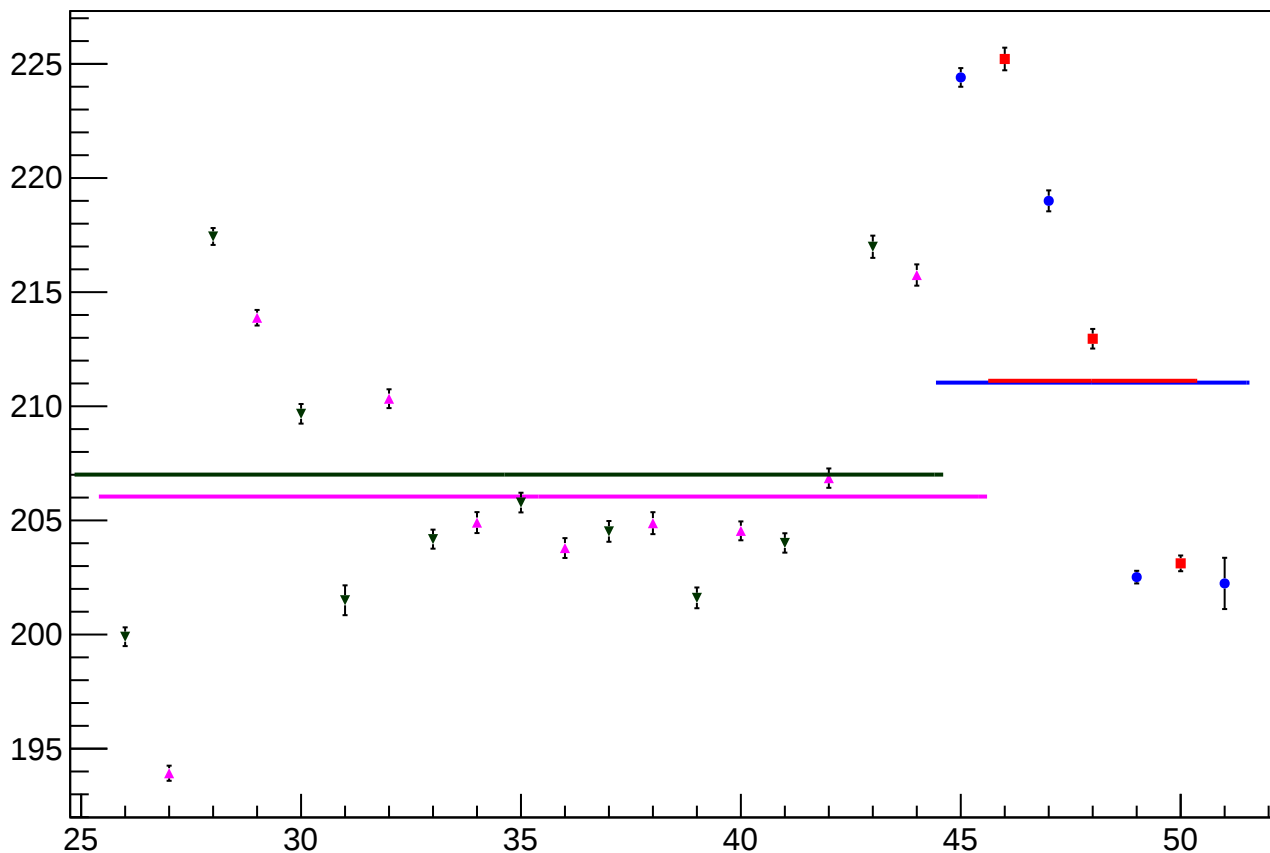
Right Out: -14.077 $\pm$ 1.281 χ^2 /NDF: 314.2/2

Left In: -21.140 $\pm$ 0.636 χ^2 /NDF: 1191.2/8

-35.597 $\pm$ 0.613 χ^2 /NDF: 773.3/13

-19.743 $\pm$ 0.570 χ^2 /NDF: 1529.8/11

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 211.037 ± 0.202 χ^2/NDF : 2376.1/3

Left Out: 207.007 ± 0.139 χ^2/NDF : 1896.8/9

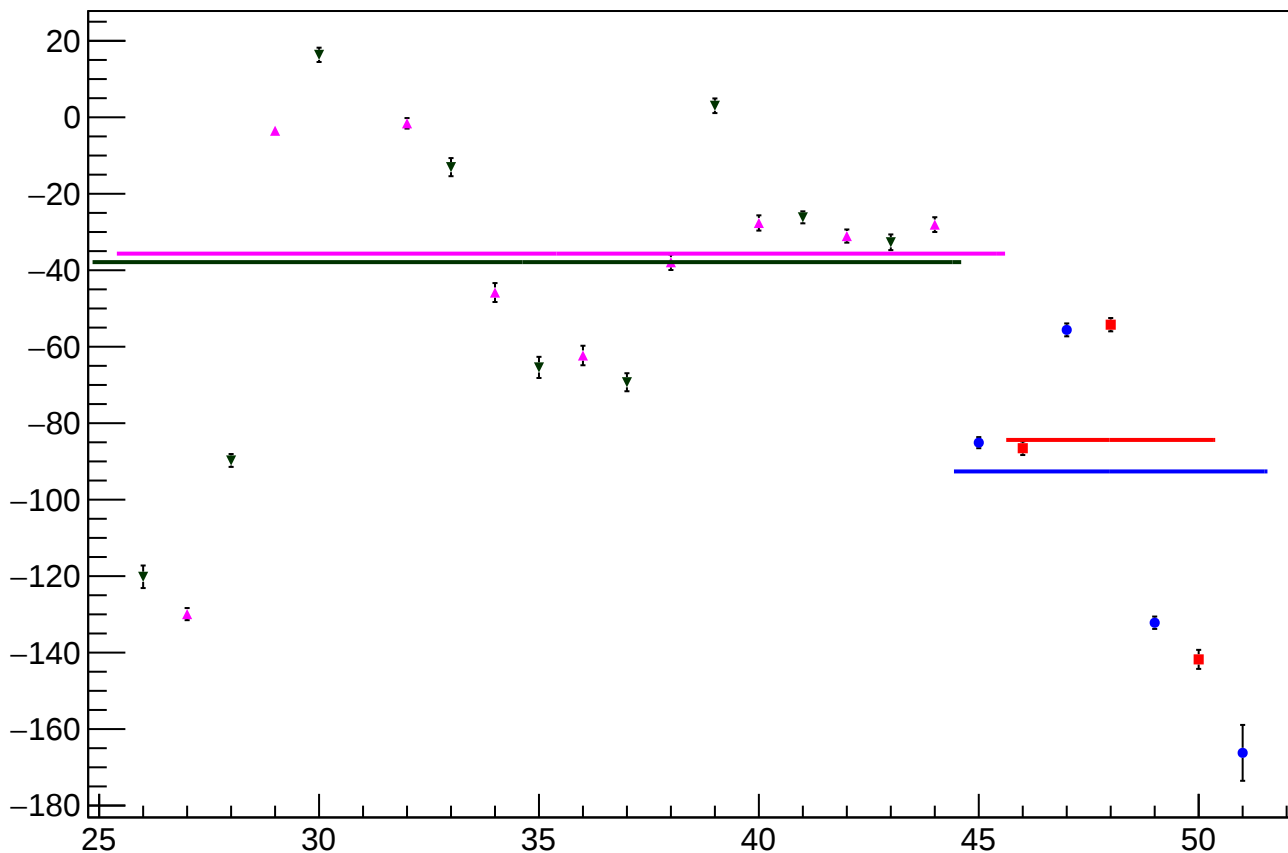
Right Out: 211.117 ± 0.236 χ^2/NDF : 1366.4/2

Left In: 206.045 ± 0.136 χ^2/NDF : 2460.3/8

208.307 ± 0.115 χ^2/NDF : 4542.8/13

207.310 ± 0.118 χ^2/NDF : 4172.7/11

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -92.618 $\pm$ 0.904 χ^2 /NDF: 1207.3/3

Left Out: -37.875 $\pm$ 0.681 χ^2 /NDF: 3472.1/8

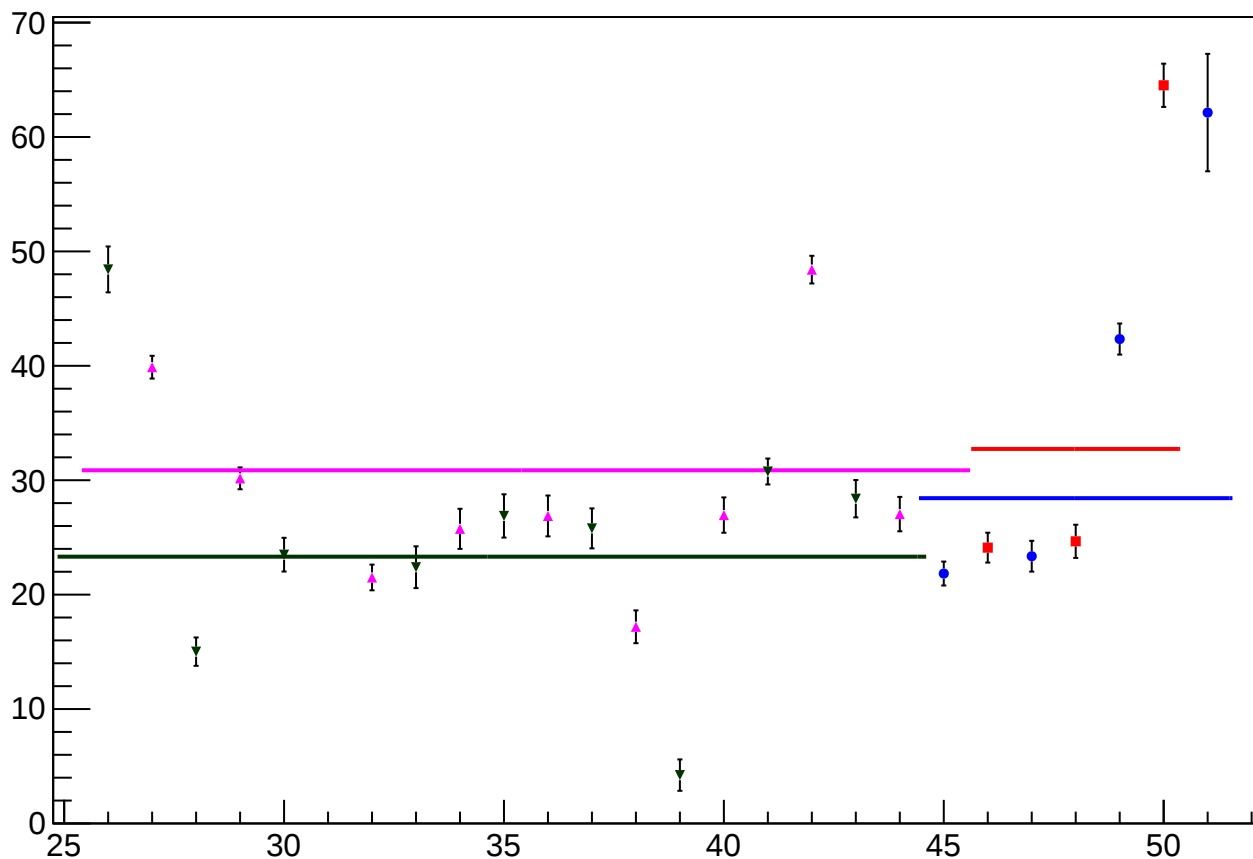
Right Out: -84.377 $\pm$ 1.114 χ^2 /NDF: 832.6/2

Left In: -35.653 $\pm$ 0.581 χ^2 /NDF: 4958.4/8

-57.692 $\pm$ 0.544 χ^2 /NDF: 7020.6/12

-46.068 $\pm$ 0.515 χ^2 /NDF: 7296.0/11

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 28.431 $\pm$ 0.699 χ^2 /NDF: 201.8/3

Left Out: 23.318 $\pm$ 0.503 χ^2 /NDF:453.6/8

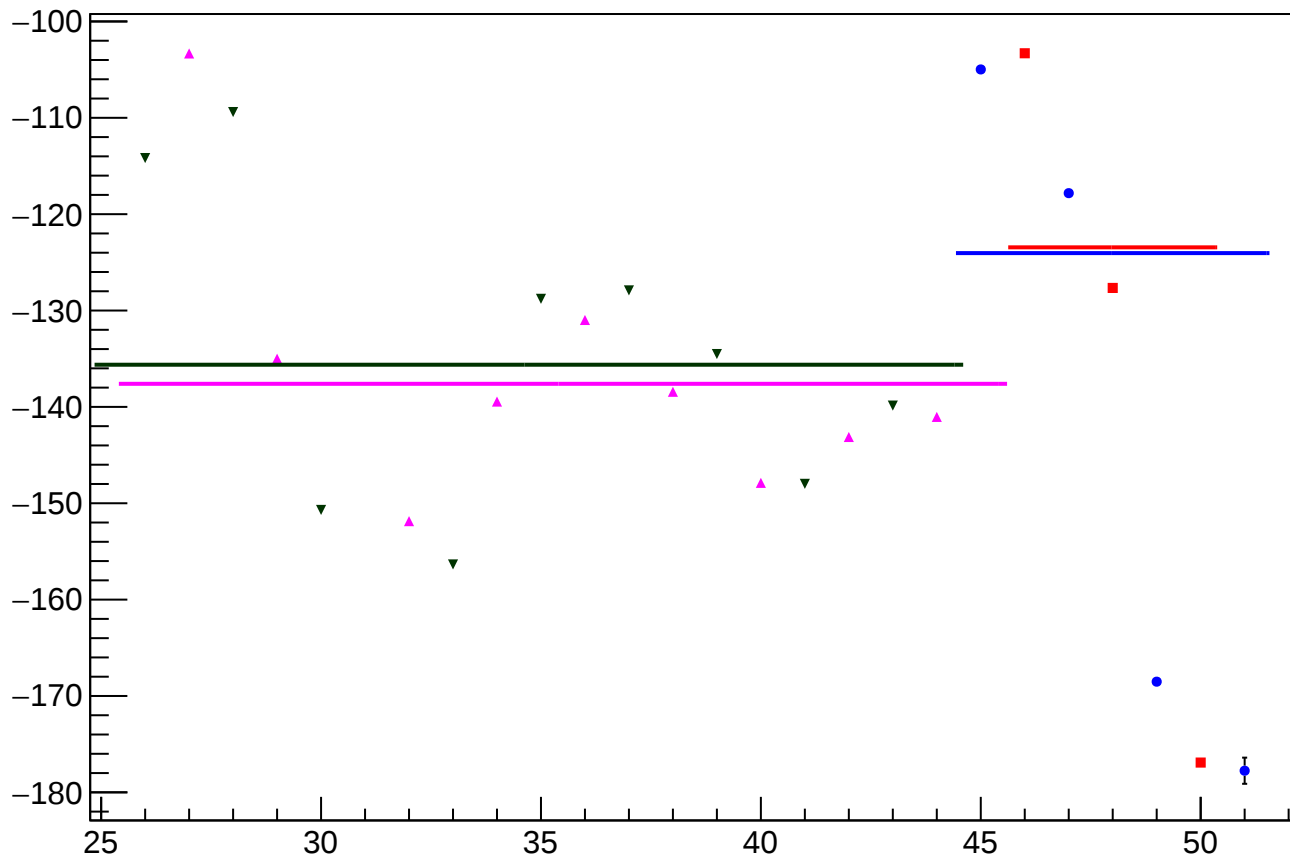
Right Out: 32.735 $\pm$ 0.863 χ^2 /NDF: 357.5/2

Left In: 30.868 $\pm$ 0.424 χ^2 /NDF:480.3/8

25.062 $\pm$ 0.408 χ^2 /NDF: 690.7/12

31.231 $\pm$ 0.380 χ^2 /NDF: 841.6/11

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -124.040 $\pm$ 0.157 χ^2 /NDF: 26652.6/3

Left Out: -135.624 $\pm$ 0.114 χ^2 /NDF: 18316.3/8

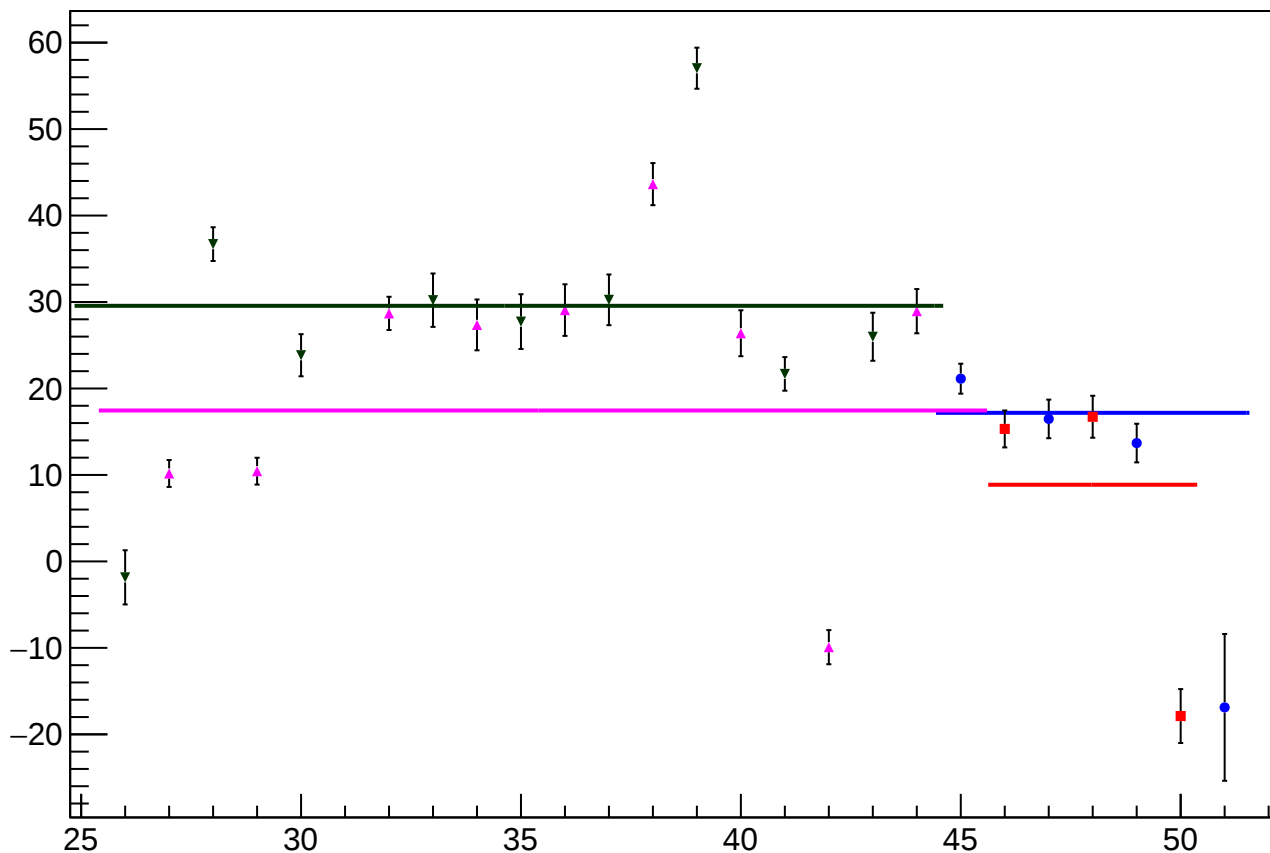
Right Out: -123.442 $\pm$ 0.187 χ^2 /NDF: 18324.2/2

Left In: -137.605 $\pm$ 0.100 χ^2 /NDF: 21119.1/8

-131.616 $\pm$ 0.092 χ^2 /NDF: 48526.3/12

-134.481 $\pm$ 0.088 χ^2 /NDF: 43899.0/11

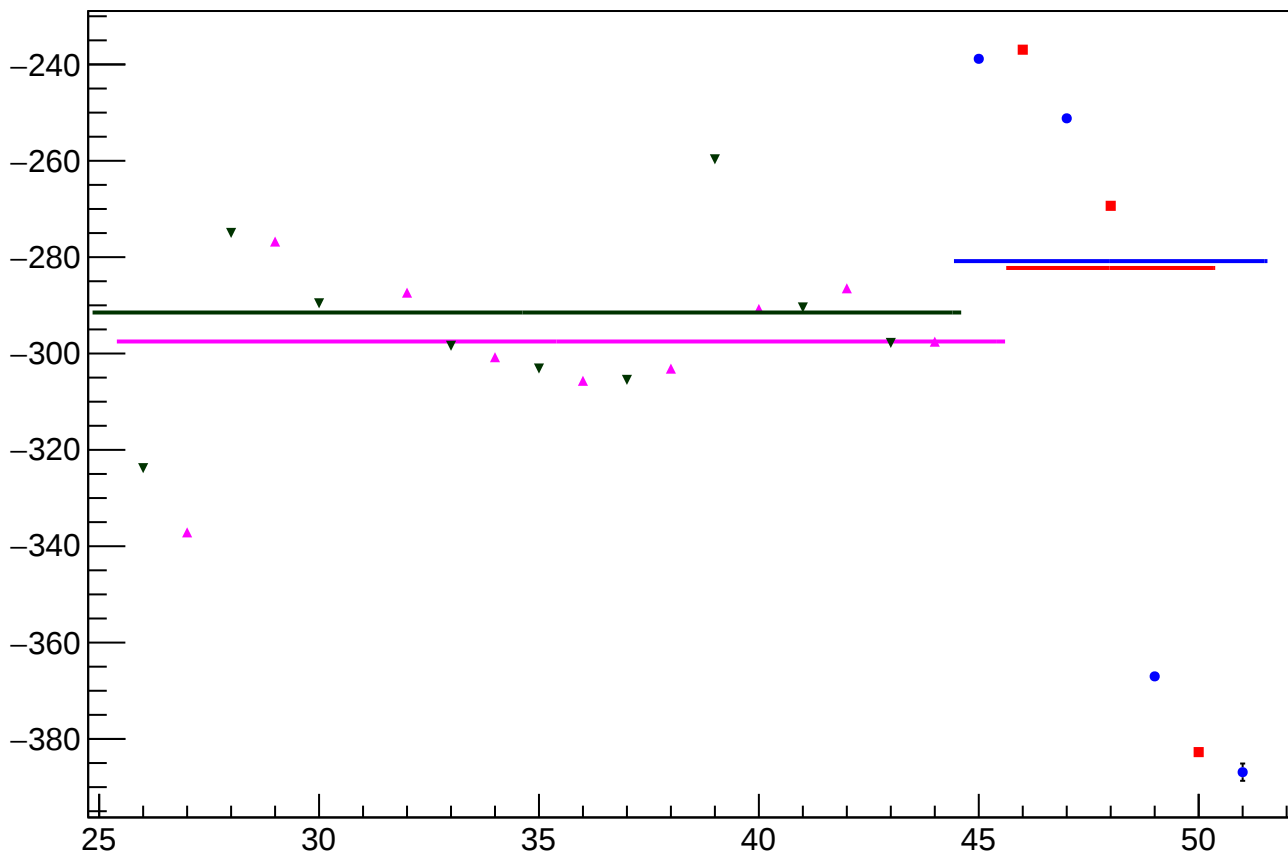
reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 17.184 ± 1.156 $\chi^2/\text{NDF}: 23.8/3$
 Left Out: 29.561 ± 0.838 $\chi^2/\text{NDF}: 271.6/8$
 Right Out: 8.866 ± 1.426 $\chi^2/\text{NDF}: 93.2/2$
 Left In: 17.454 ± 0.699 $\chi^2/\text{NDF}: 441.9/8$

25.301 ± 0.678 $\chi^2/\text{NDF}: 370.6/12$
 15.789 ± 0.628 $\chi^2/\text{NDF}: 564.4/11$

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -280.820+/-0.226 χ^2/NDF : 63749.7/3

Left Out: -291.489+/-0.156 χ^2/NDF : 12241.2/8

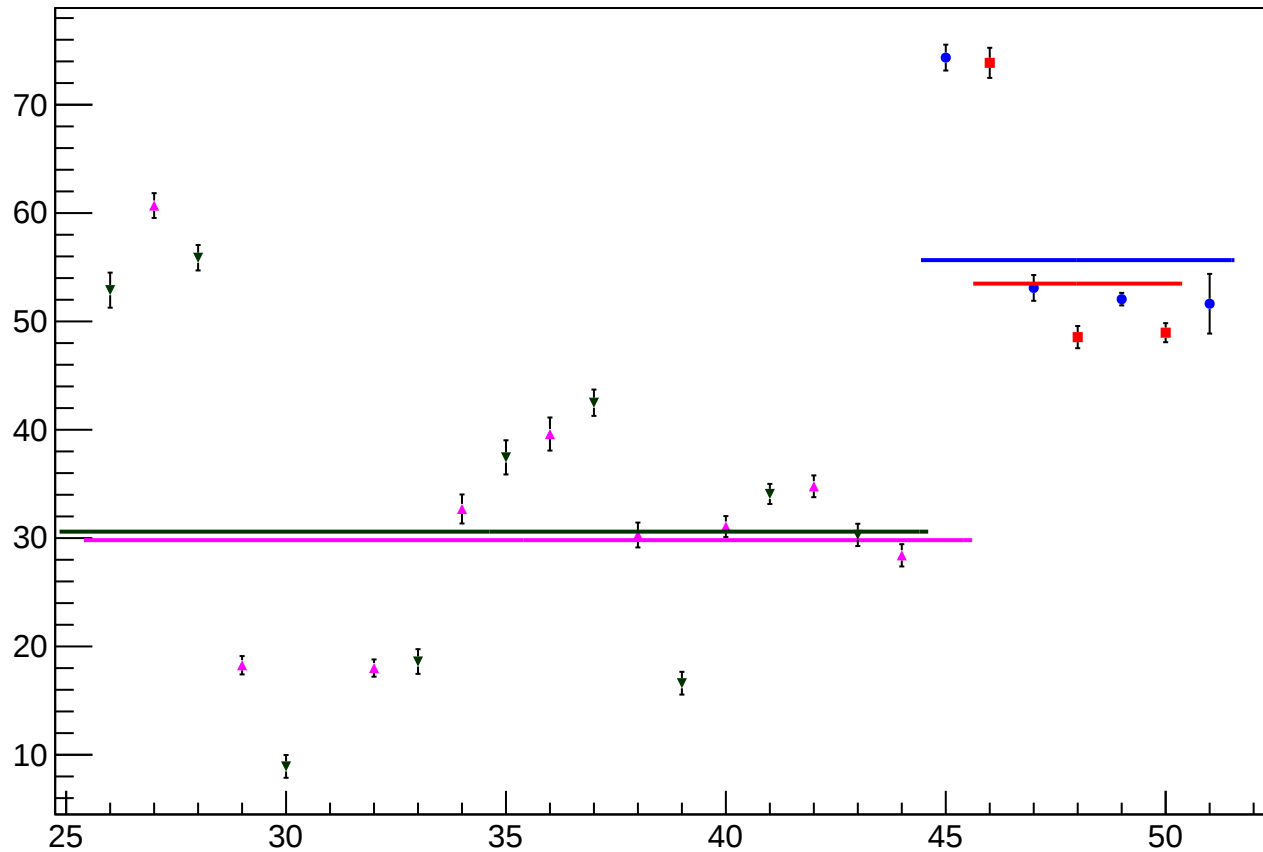
Right Out: -282.246+/-0.272 χ^2/NDF : 44287.9/2

Left In: -297.505+/-0.148 χ^2/NDF : 15085.1/8

-288.050+/-0.129 χ^2/NDF : 77494.6/12

-294.008+/-0.130 χ^2/NDF : 61796.0/11

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.658 $\pm$ 0.470 χ^2/NDF : 291.2/3

Left Out: 30.597 $\pm$ 0.381 χ^2/NDF :1496.6/8

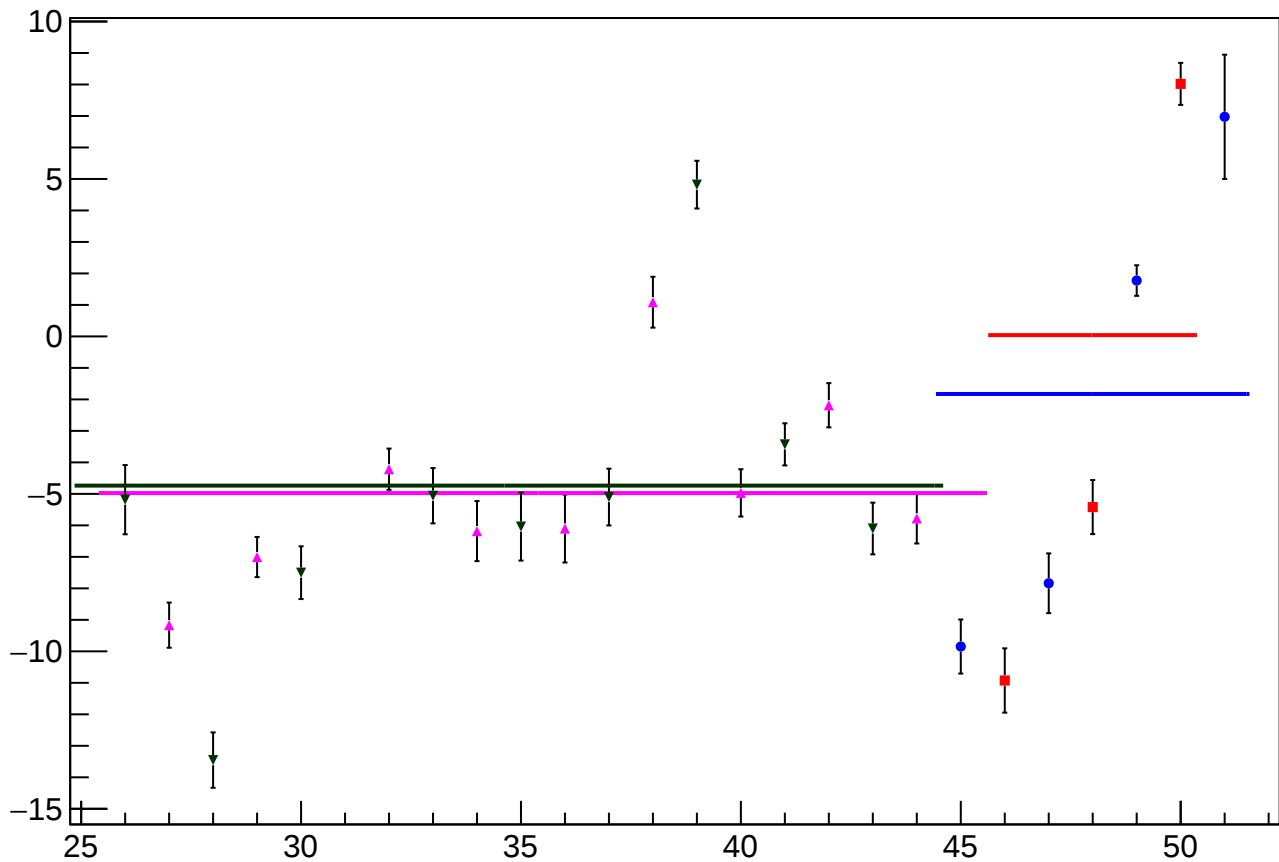
Right Out: 53.488 $\pm$ 0.601 χ^2/NDF : 265.2/2

Left In: 29.811 $\pm$ 0.343 χ^2/NDF :1208.1/8

40.558 $\pm$ 0.296 χ^2/NDF : 3504.0/12

35.634 $\pm$ 0.298 χ^2/NDF : 2642.9/11

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -1.828 ± 0.379 $\chi^2/\text{NDF}: 202.4/3$

Left Out: -4.737 ± 0.284 $\chi^2/\text{NDF}: 276.8/8$

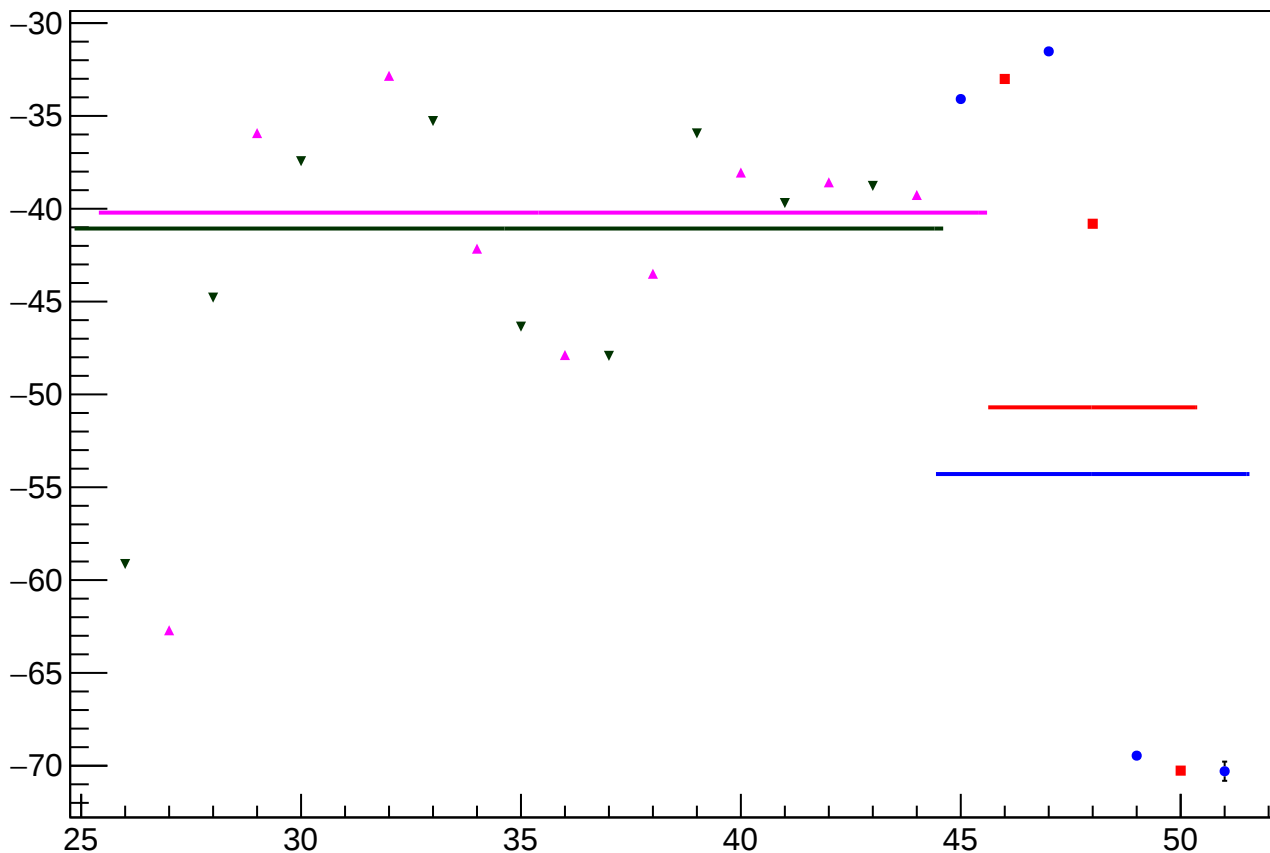
Right Out: 0.041 ± 0.468 $\chi^2/\text{NDF}: 298.9/2$

Left In: -4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

-3.690 ± 0.227 $\chi^2/\text{NDF}: 517.0/12$

-3.838 ± 0.223 $\chi^2/\text{NDF}: 509.1/11$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -54.289+/-0.089 χ^2/NDF : 41477.7/3

Left Out: -41.066+/-0.063 χ^2/NDF : 9369.8/8

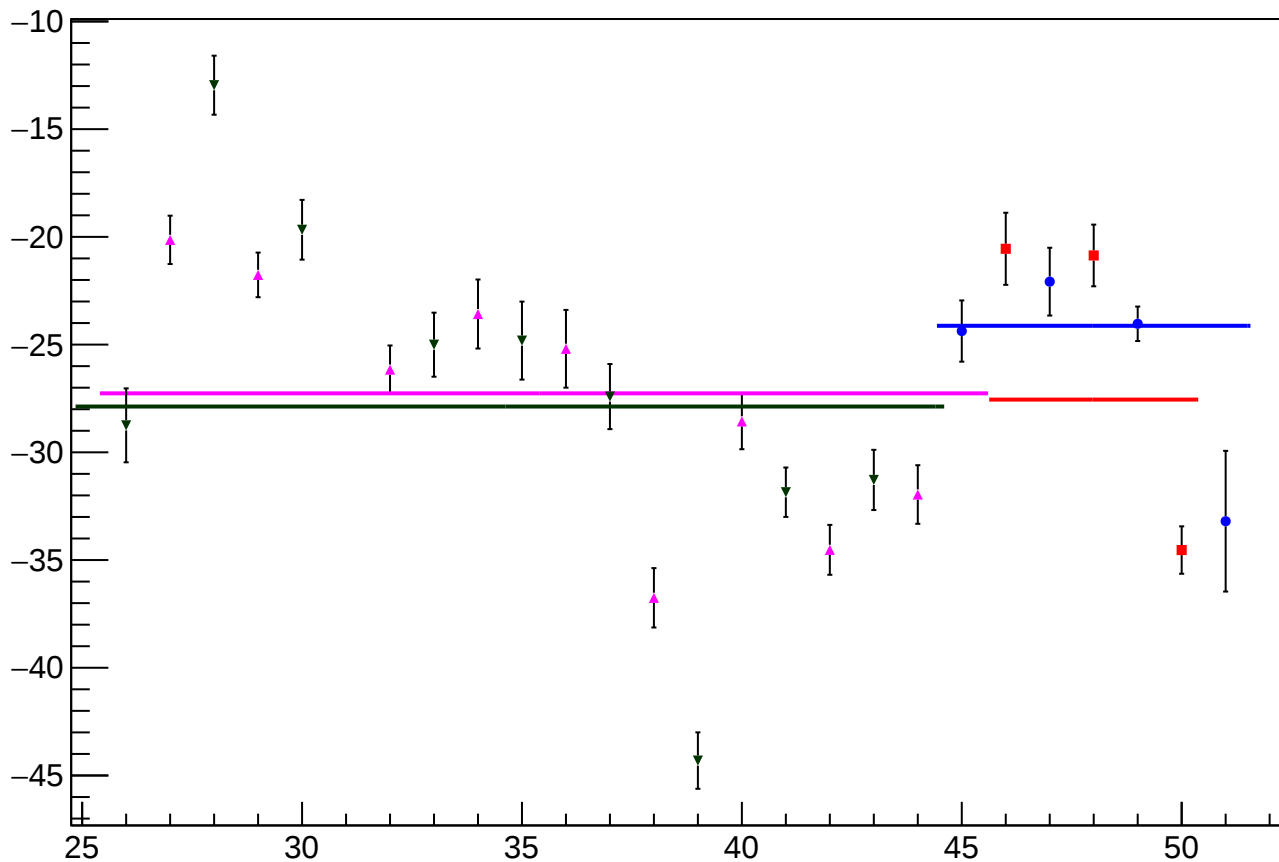
Right Out: -50.697+/-0.108 χ^2/NDF : 23361.4/2

Left In: -40.210+/-0.058 χ^2/NDF : 18072.5/8

-45.536+/-0.052 χ^2/NDF : 65556.7/12

-42.601+/-0.051 χ^2/NDF : 48770.2/11

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.127 $\pm$ 0.625 χ^2 /NDF: 9.5/3

Left Out: -27.875 $\pm$ 0.474 χ^2 /NDF:335.8/8

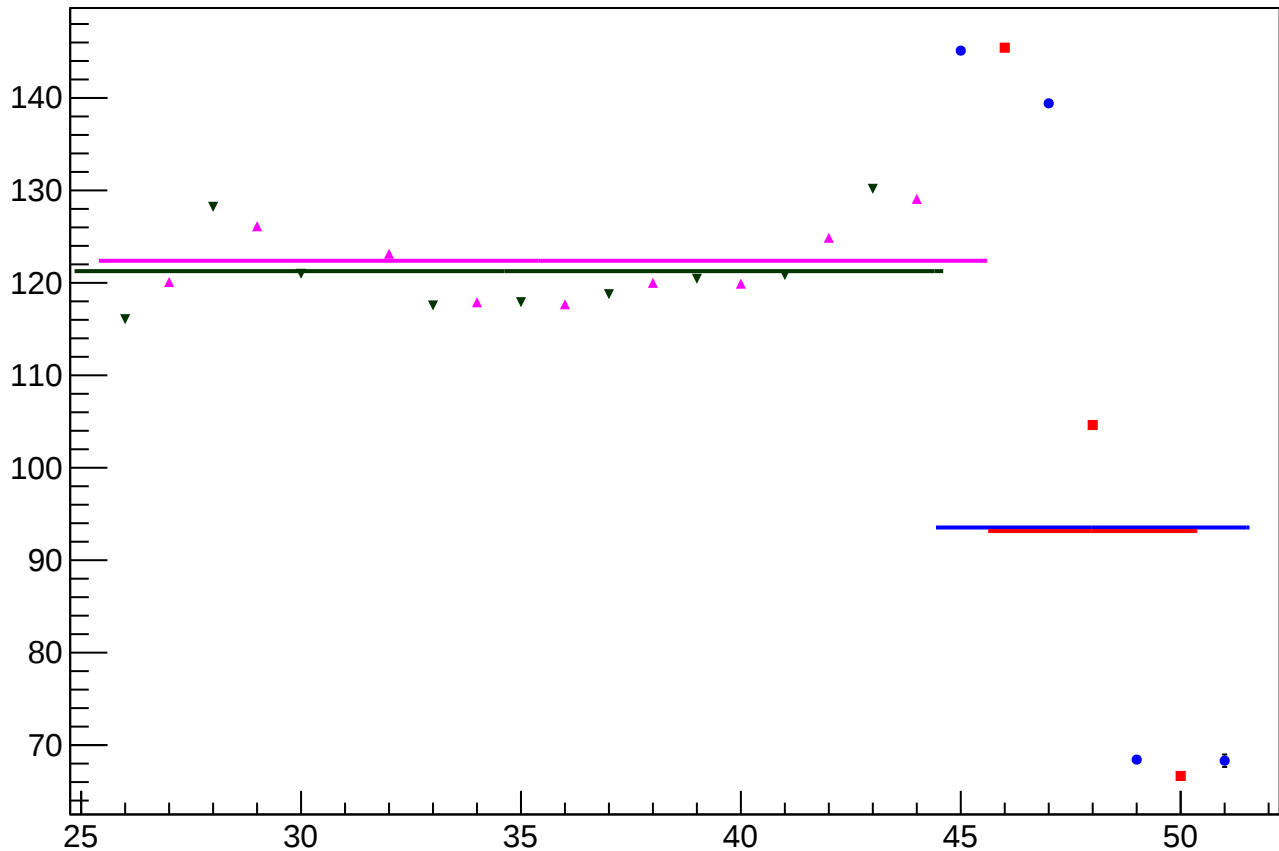
Right Out: -27.552 $\pm$ 0.774 χ^2 /NDF: 79.6/2

Left In: -27.262 $\pm$ 0.421 χ^2 /NDF:175.8/8

-26.505 $\pm$ 0.378 χ^2 /NDF: 368.0/12

-27.329 $\pm$ 0.370 χ^2 /NDF: 255.5/11

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 93.539 ± 0.121 $\chi^2/\text{NDF}: 84305.5/3$

Left Out: 121.269 ± 0.087 $\chi^2/\text{NDF}: 2757.8/8$

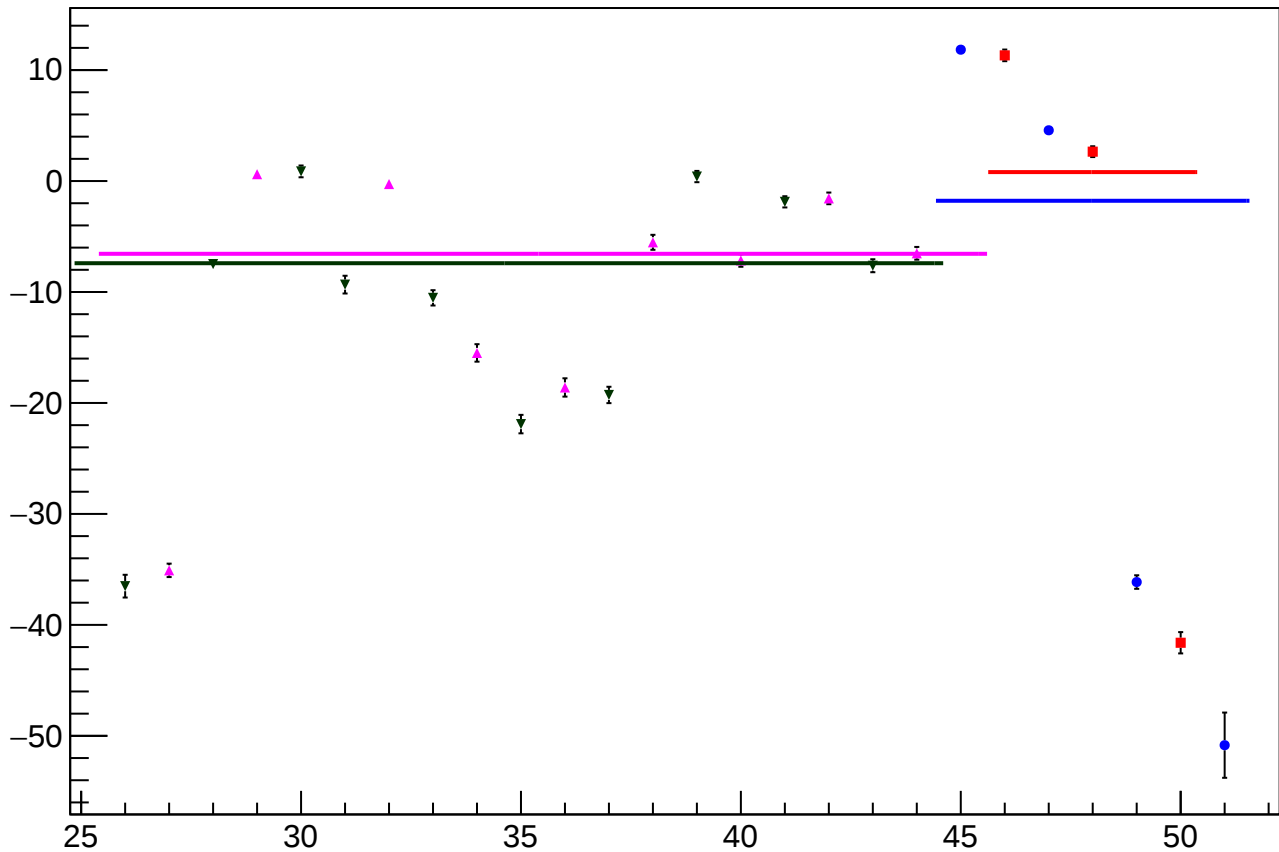
Right Out: 93.156 ± 0.141 $\chi^2/\text{NDF}: 45269.7/2$

Left In: 122.391 ± 0.087 $\chi^2/\text{NDF}: 1757.6/8$

111.861 ± 0.070 $\chi^2/\text{NDF}: 121856.3/12$

114.311 ± 0.074 $\chi^2/\text{NDF}: 78275.8/11$

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -1.779 ± 0.282 χ^2/NDF : 4552.2/3

Left Out: -7.406 ± 0.192 χ^2/NDF : 1994.4/9

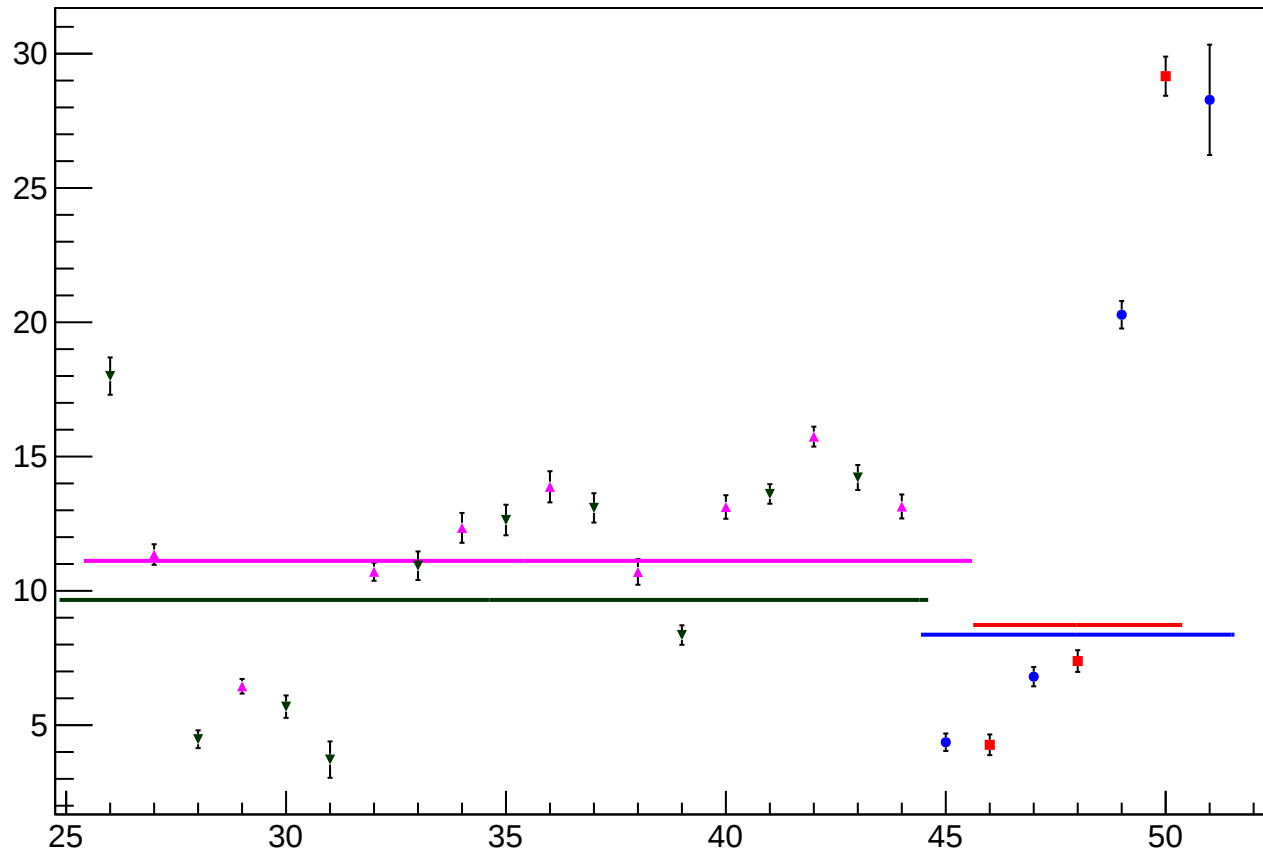
Right Out: 0.806 ± 0.334 χ^2/NDF : 2370.6/2

Left In: -6.558 ± 0.179 χ^2/NDF : 3282.1/8

-5.624 ± 0.158 χ^2/NDF : 6819.3/13

-4.920 ± 0.158 χ^2/NDF : 6029.6/11

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.369+/-0.217 χ^2/NDF : 803.6/3

Left Out: 9.662+/-0.143 χ^2/NDF : 856.3/9

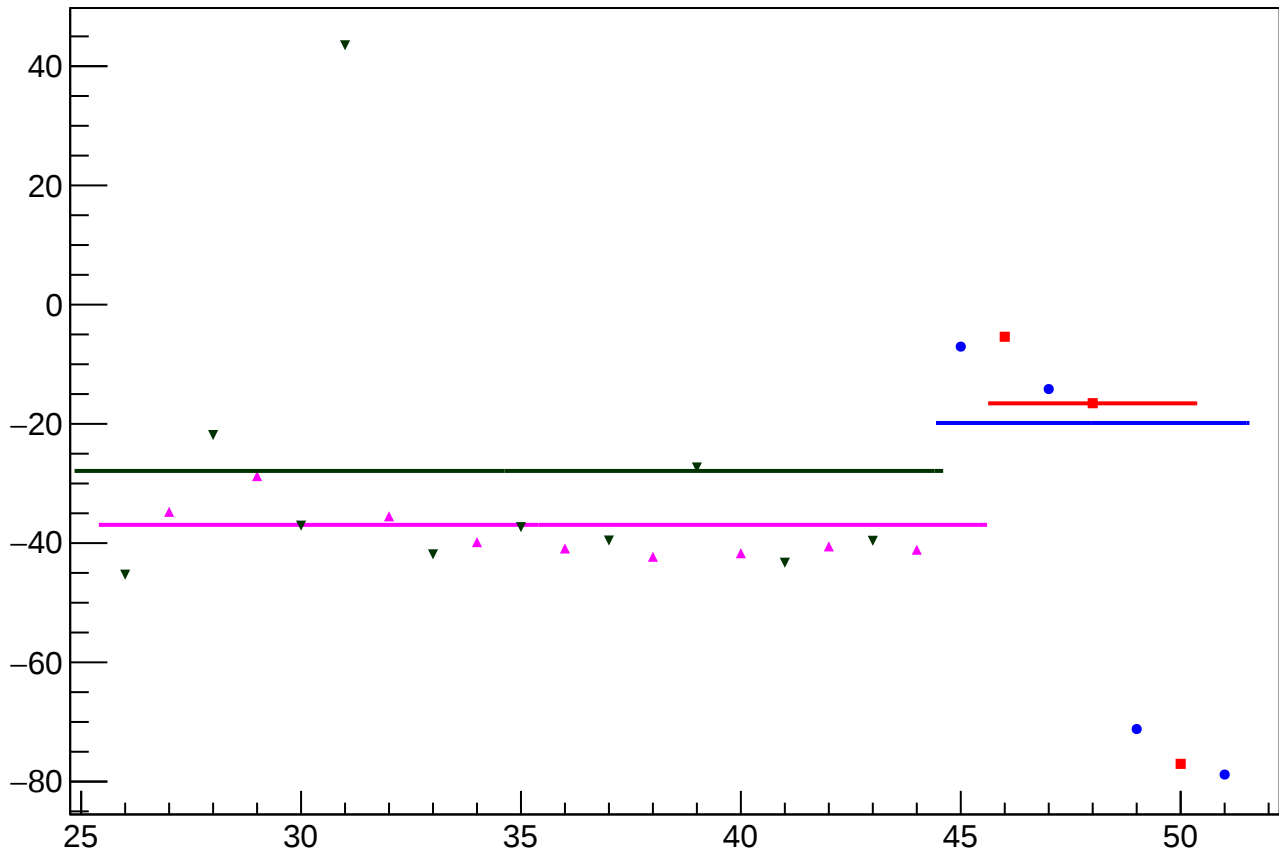
Right Out: 8.729+/-0.260 χ^2/NDF : 929.7/2

Left In: 11.116+/-0.132 χ^2/NDF : 518.9/8

9.270+/-0.119 χ^2/NDF : 1684.7/13

10.627+/-0.118 χ^2/NDF : 1515.4/11

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -19.849 $\pm$ 0.048 χ^2 /NDF: 216218.4/3

Left Out: -27.892 $\pm$ 0.032 χ^2 /NDF: 549678.9/9

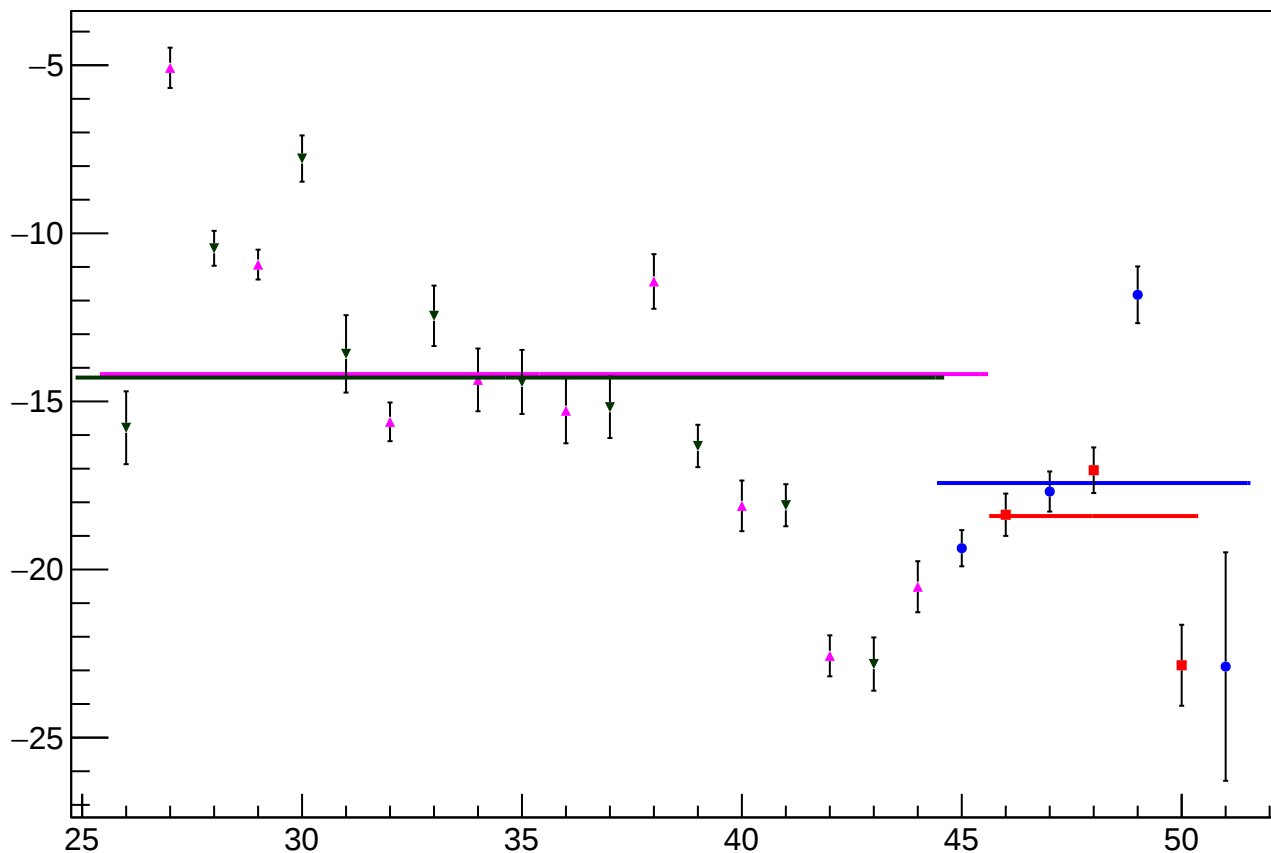
Right Out: -16.556 $\pm$ 0.056 χ^2 /NDF: 127973.4/2

Left In: -36.937 $\pm$ 0.031 χ^2 /NDF: 23653.1/8

-25.447 $\pm$ 0.026 χ^2 /NDF: 785415.8/13

-32.172 $\pm$ 0.027 χ^2 /NDF: 254175.0/11

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -17.427 $\pm$ 0.359 χ^2/NDF : 59.8/3

Left Out: -14.291 $\pm$ 0.238 χ^2/NDF : 314.9/9

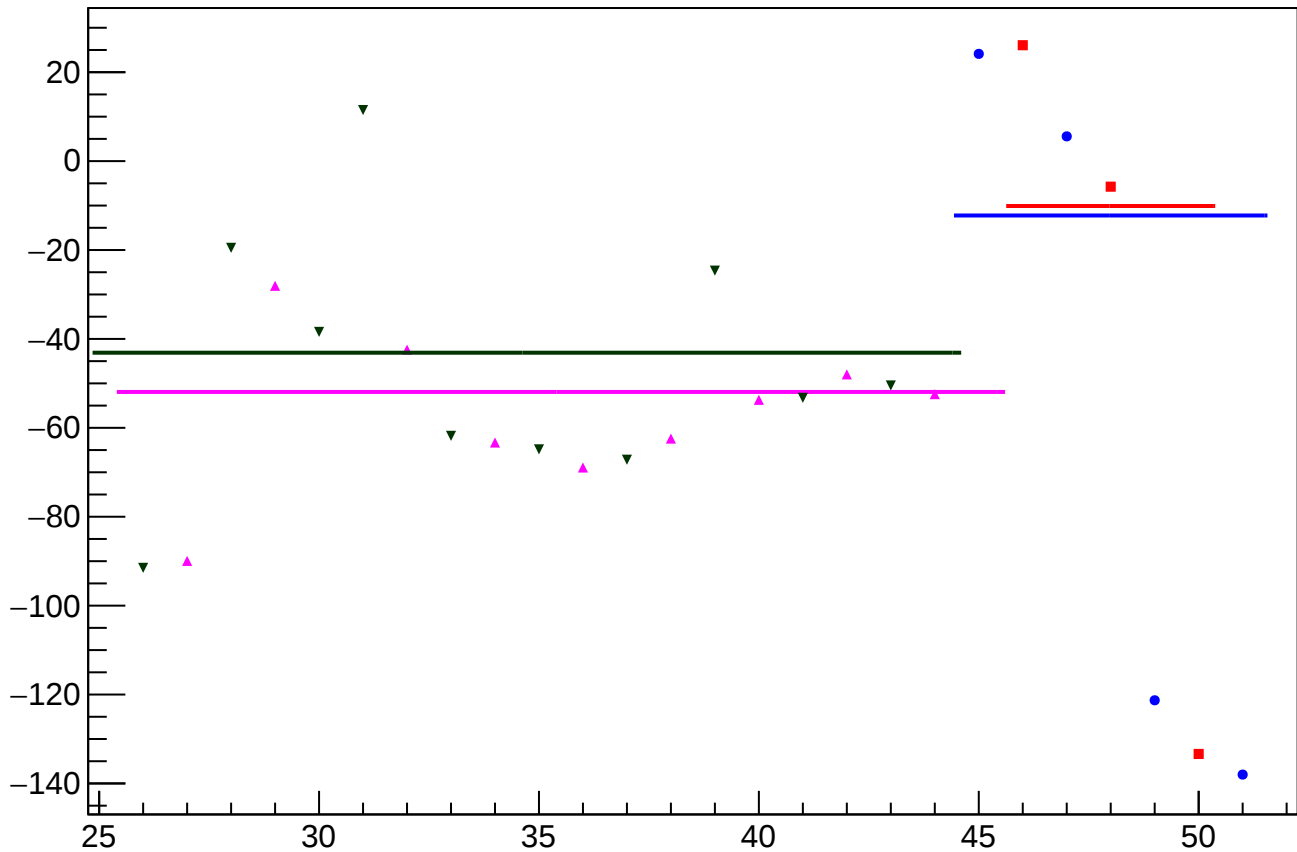
Right Out: -18.409 $\pm$ 0.431 χ^2/NDF : 17.6/2

Left In: -14.187 $\pm$ 0.219 χ^2/NDF : 589.2/8

-15.249 $\pm$ 0.198 χ^2/NDF : 427.7/13

-15.056 $\pm$ 0.195 χ^2/NDF : 683.1/11

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -12.233+/-0.070 χ^2/NDF : 629240.1/3

Left Out: -43.100+/-0.044 χ^2/NDF : 296352.7/9

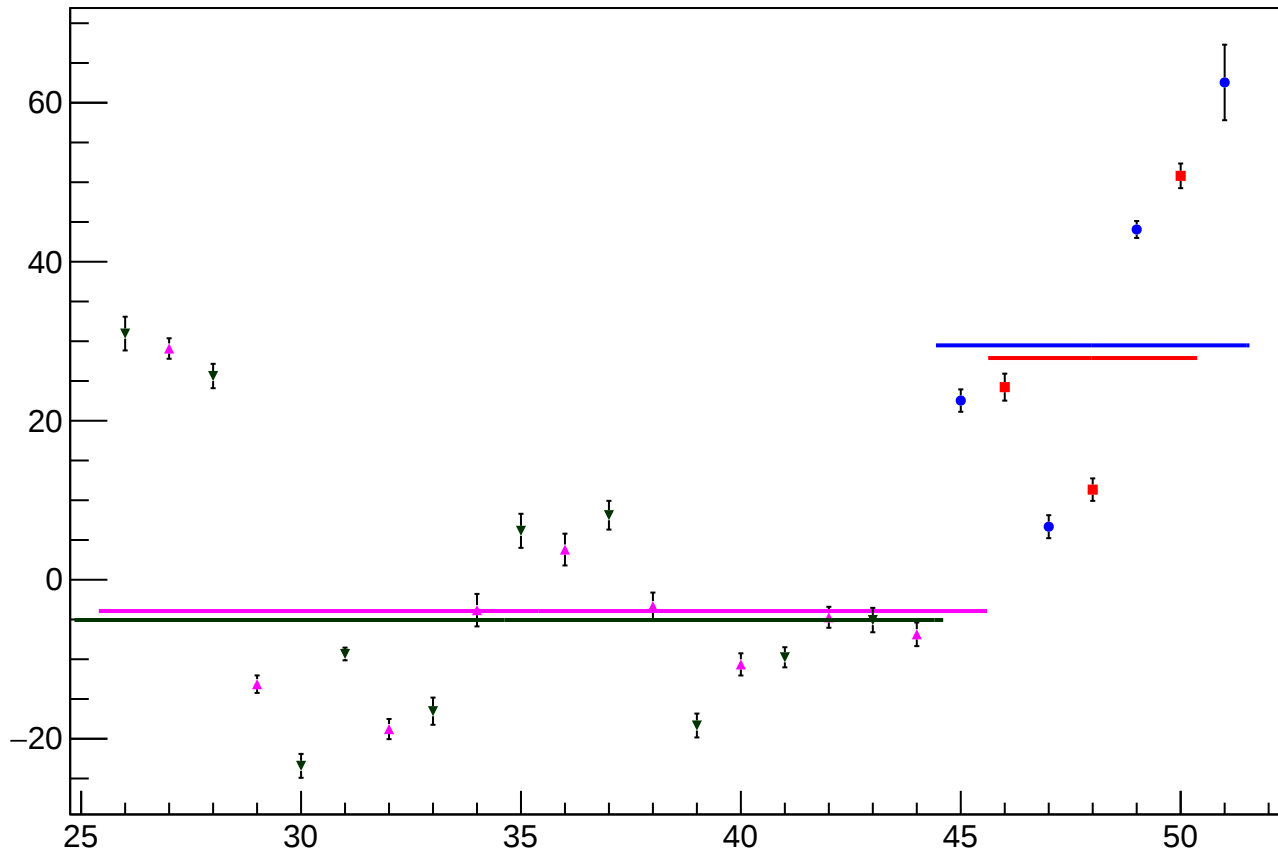
Right Out: -10.097+/-0.083 χ^2/NDF : 410120.1/2

Left In: -51.929+/-0.046 χ^2/NDF : 149071.1/8

-34.405+/-0.037 χ^2/NDF : 1064092.3/13

-42.210+/-0.040 χ^2/NDF : 753870.0/11

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 29.480 ± 0.723 χ^2/NDF : 509.6/3

Left Out: -5.063 ± 0.447 χ^2/NDF : 1084.1/9

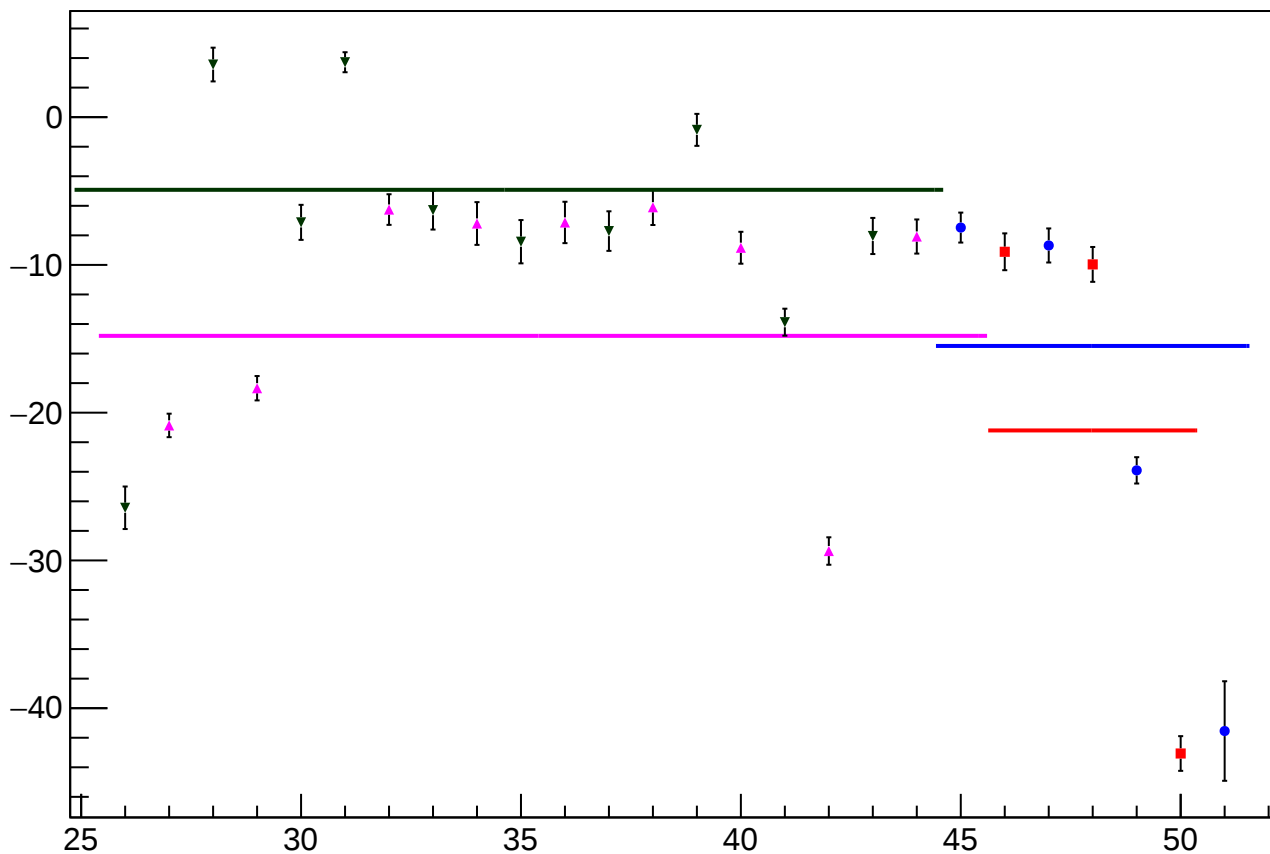
Right Out: 27.889 ± 0.889 χ^2/NDF : 361.1/2

Left In: -3.935 ± 0.475 χ^2/NDF : 906.7/8

4.478 ± 0.380 χ^2/NDF : 3245.3/13

3.142 ± 0.419 χ^2/NDF : 2264.3/11

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -15.484 $\pm$ 0.570 χ^2 /NDF: 246.4/3

Left Out: -4.917 $\pm$ 0.344 χ^2 /NDF: 572.7/9

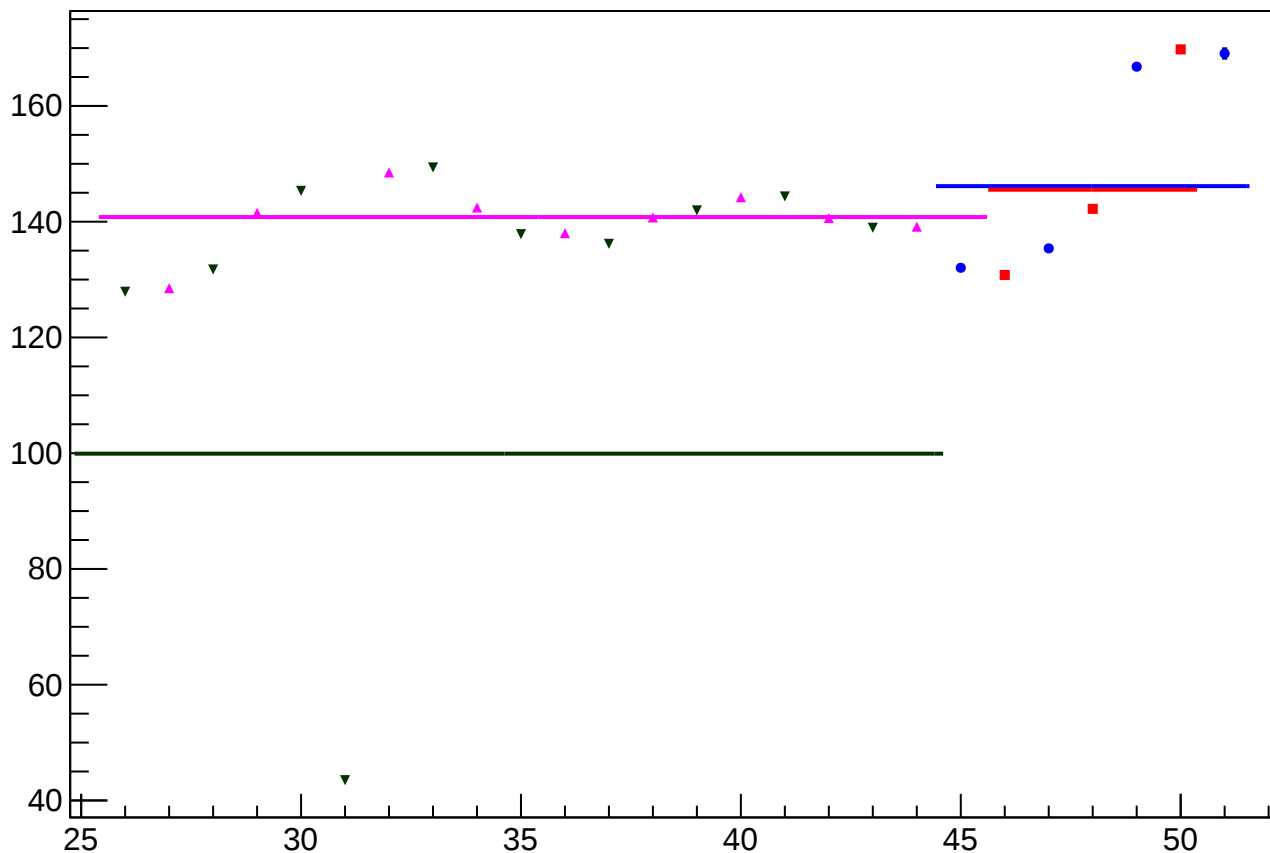
Right Out: -21.202 $\pm$ 0.692 χ^2 /NDF: 531.6/2

Left In: -14.801 $\pm$ 0.344 χ^2 /NDF: 564.9/8

-7.732 $\pm$ 0.294 χ^2 /NDF: 1070.8/13

-16.071 $\pm$ 0.308 χ^2 /NDF: 1165.1/11

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 146.145 $\pm$ 0.130 χ^2 /NDF: 15510.4/3

Left Out: 99.920 $\pm$ 0.069 χ^2 /NDF: 483835.4/9

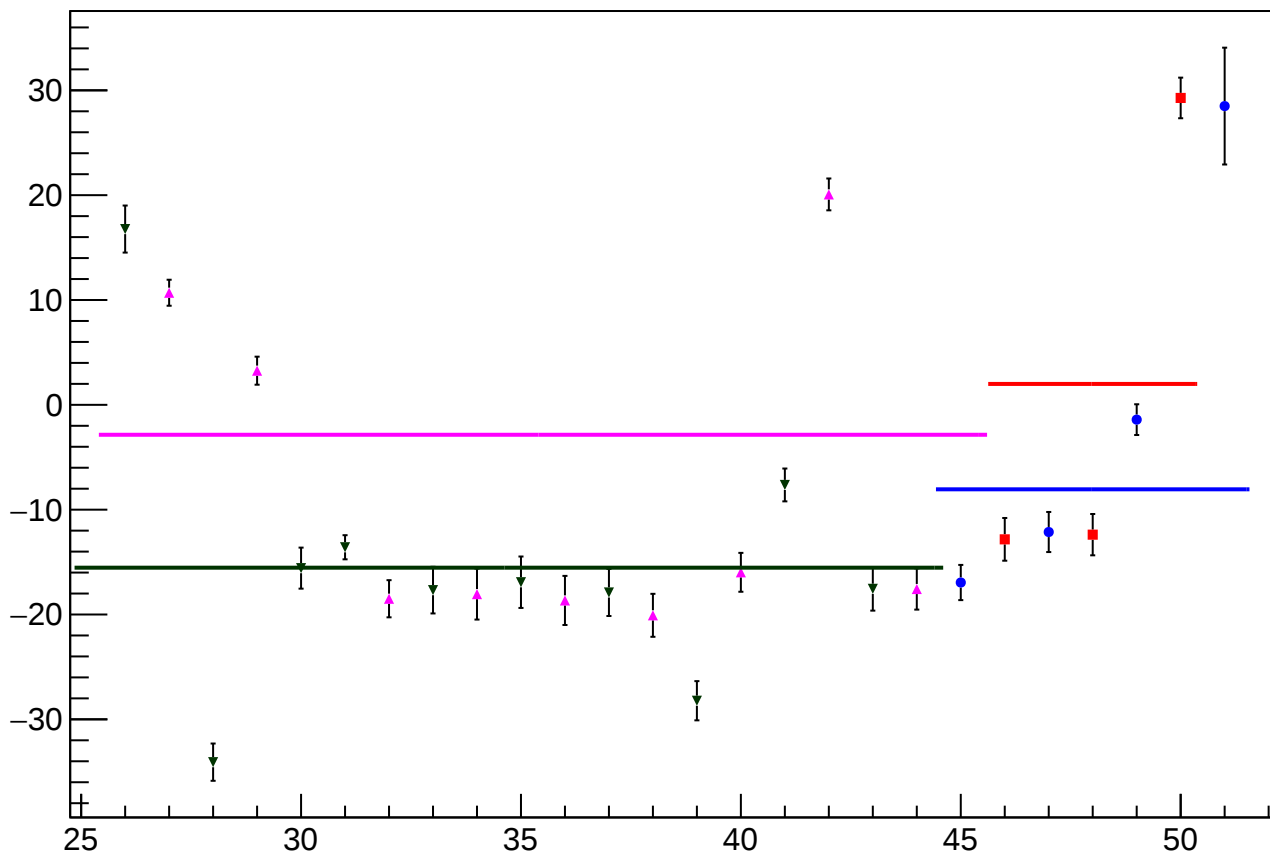
Right Out: 145.519 $\pm$ 0.154 χ^2 /NDF: 10143.3/2

Left In: 140.804 $\pm$ 0.082 χ^2 /NDF: 4715.7/8

110.051 $\pm$ 0.061 χ^2 /NDF: 597806.6/13

141.845 $\pm$ 0.072 χ^2 /NDF: 15586.6/11

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -8.059 ± 0.942 $\chi^2/\text{NDF}: 96.2/3$

Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$

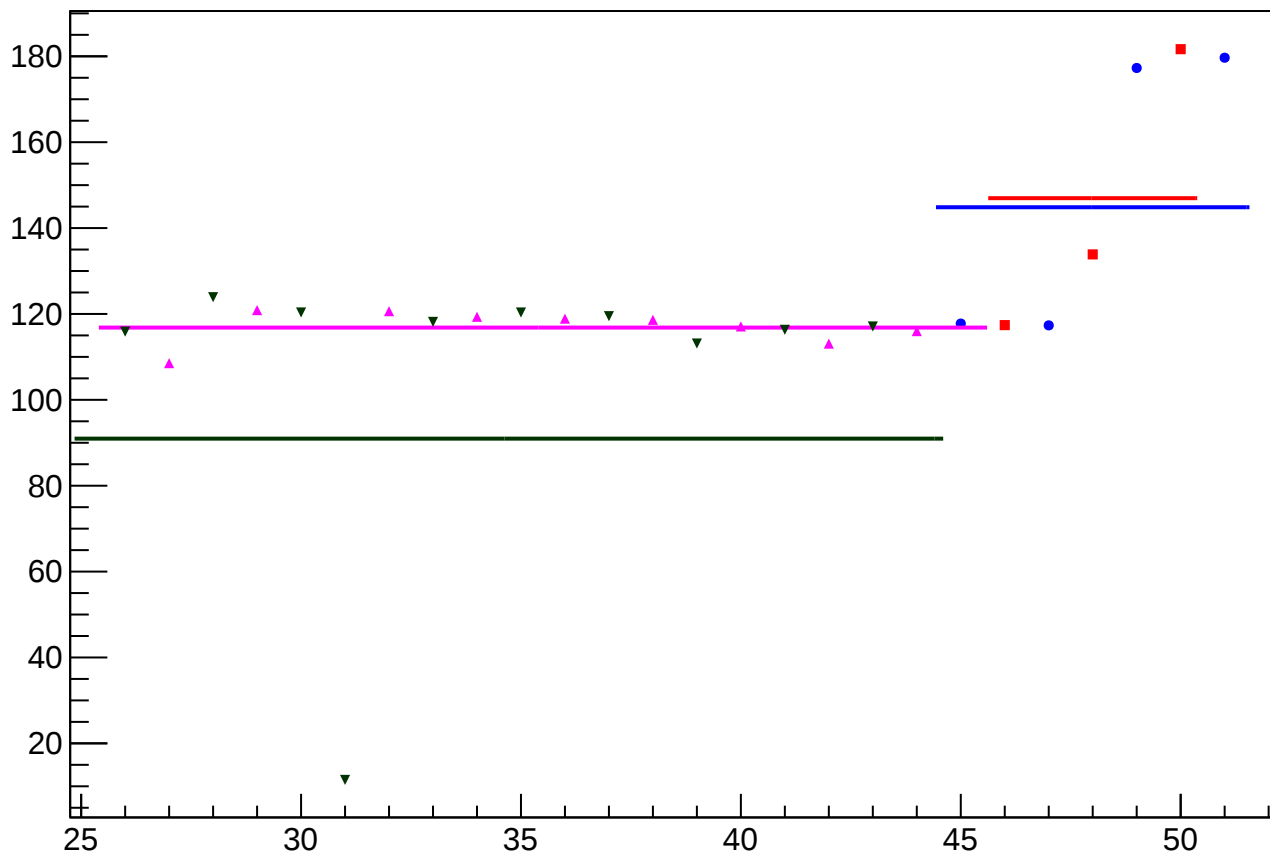
Right Out: 1.994 ± 1.143 $\chi^2/\text{NDF}: 304.5/2$

Left In: -2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-13.505 ± 0.491 $\chi^2/\text{NDF}: 535.8/13$

-1.896 ± 0.509 $\chi^2/\text{NDF}: 1026.4/11$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 144.849 $\pm$ 0.183 χ^2 /NDF: 26481.5/3

Left Out: 90.964 $\pm$ 0.105 χ^2 /NDF:199649.1/9

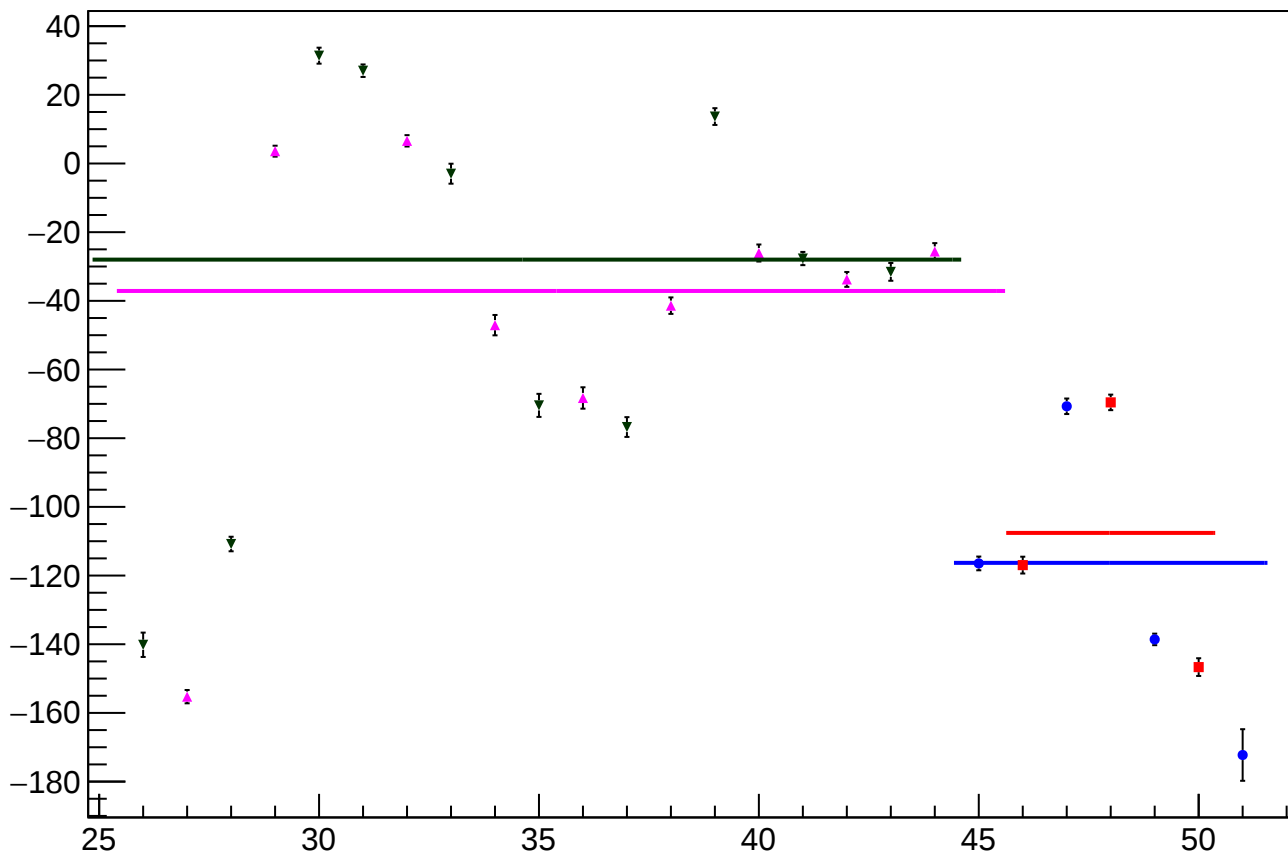
Right Out: 146.961 $\pm$ 0.213 χ^2 /NDF: 16593.8/2

Left In: 116.827 $\pm$ 0.120 χ^2 /NDF:1139.4/8

104.249 $\pm$ 0.091 χ^2 /NDF: 291333.1/13

124.041 $\pm$ 0.104 χ^2 /NDF: 32888.8/11

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -116.302+/-1.106 χ^2/NDF : 638.5/3

Left Out: -27.991+/-0.766 χ^2/NDF : 4906.9/9

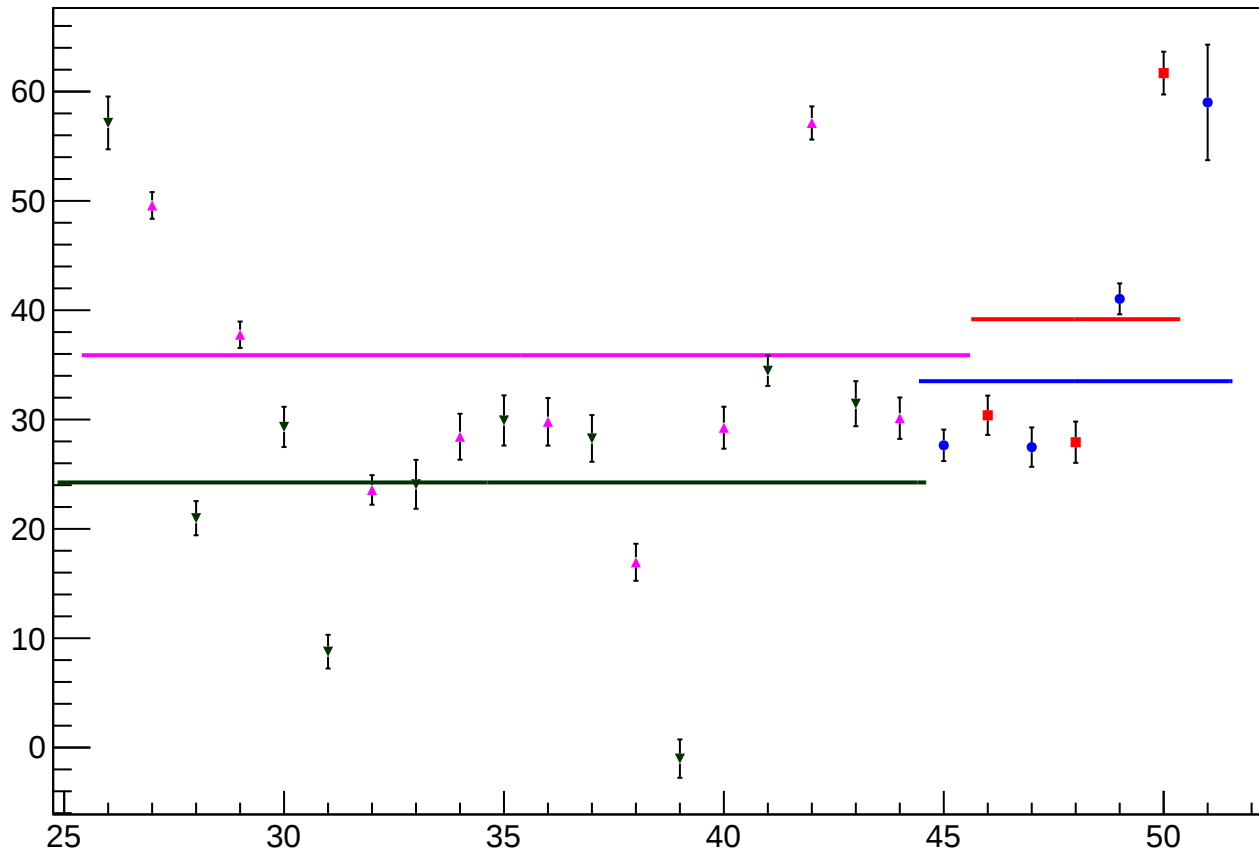
Right Out: -107.581+/-1.397 χ^2/NDF : 527.0/2

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-56.630+/-0.630 χ^2/NDF : 9851.6/13

-51.732+/-0.636 χ^2/NDF : 7764.3/11

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 33.508 $\pm$ 0.868 χ^2 /NDF: 79.5/3

Left Out: 24.247 $\pm$ 0.579 χ^2 /NDF: 582.0/9

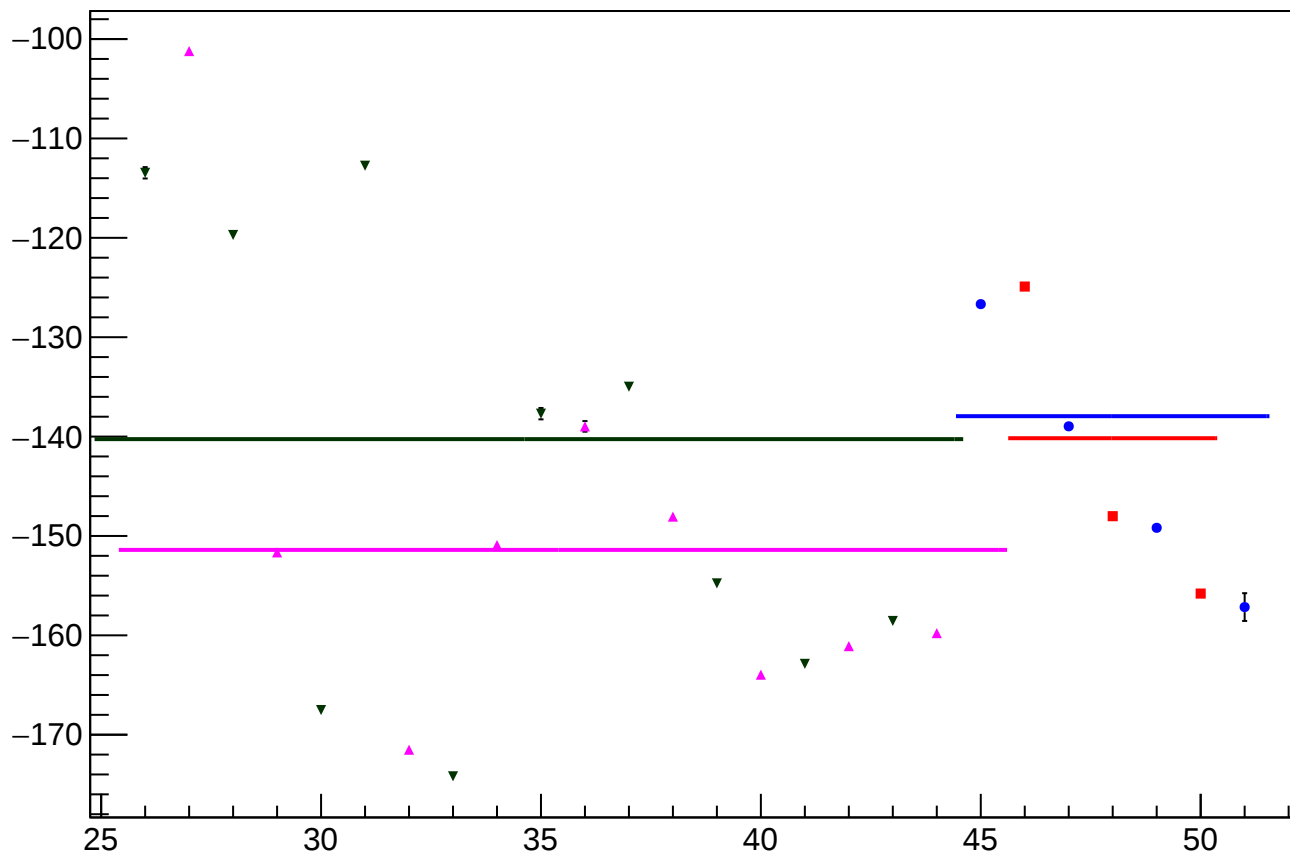
Right Out: 39.178 $\pm$ 1.084 χ^2 /NDF: 191.8/2

Left In: 35.888 $\pm$ 0.522 χ^2 /NDF: 574.5/8

27.099 $\pm$ 0.482 χ^2 /NDF: 740.3/13

36.507 $\pm$ 0.470 χ^2 /NDF: 773.8/11

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -137.947+/-0.198 χ^2/NDF : 2498.9/3

Left Out: -140.257+/-0.122 χ^2/NDF : 36380.6/9

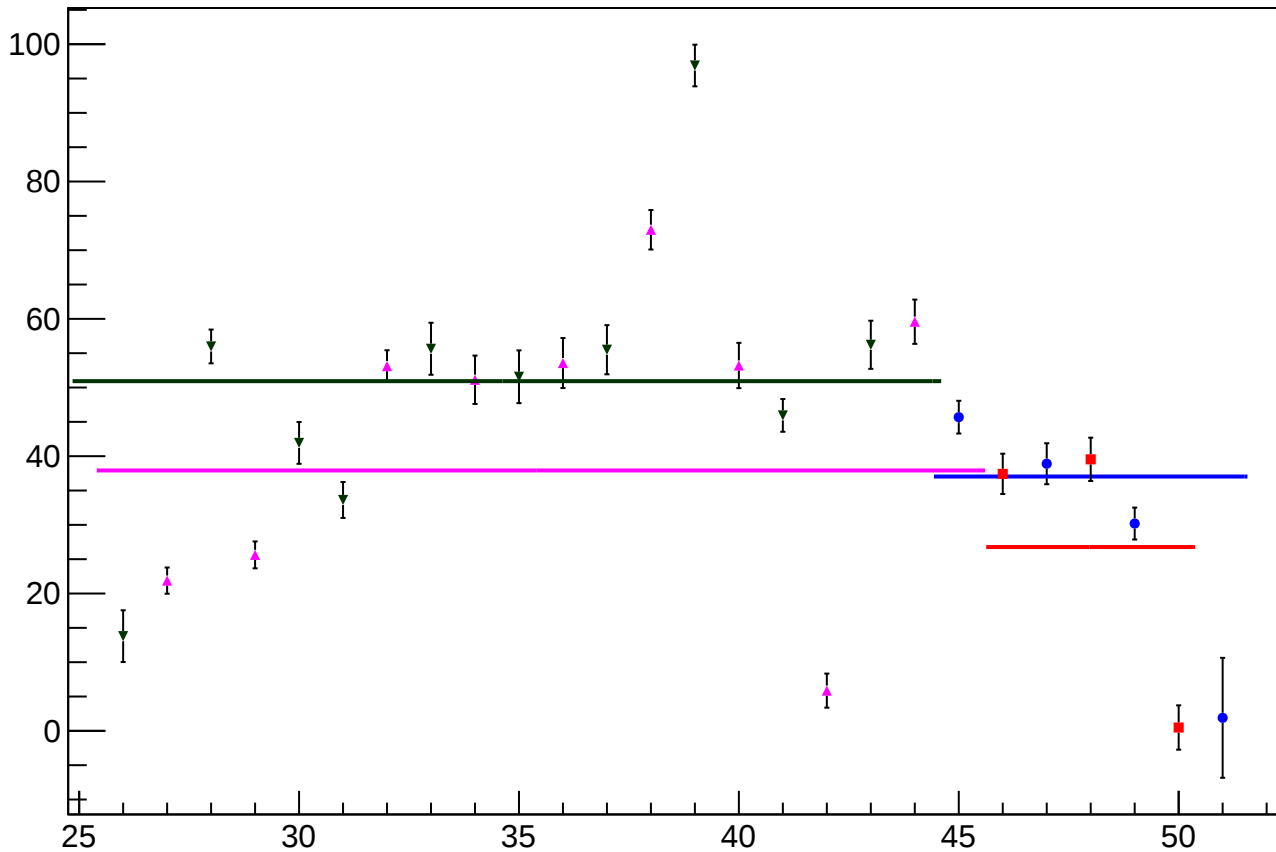
Right Out: -140.164+/-0.239 χ^2/NDF : 3071.2/2

Left In: -151.403+/-0.122 χ^2/NDF : 30317.9/8

-139.617+/-0.104 χ^2/NDF : 38978.4/13

-149.086+/-0.109 χ^2/NDF : 35137.3/11

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 37.039+/-1.434 χ^2/NDF : 38.4/3

Left Out: 50.929+/-0.966 χ^2/NDF : 393.0/9

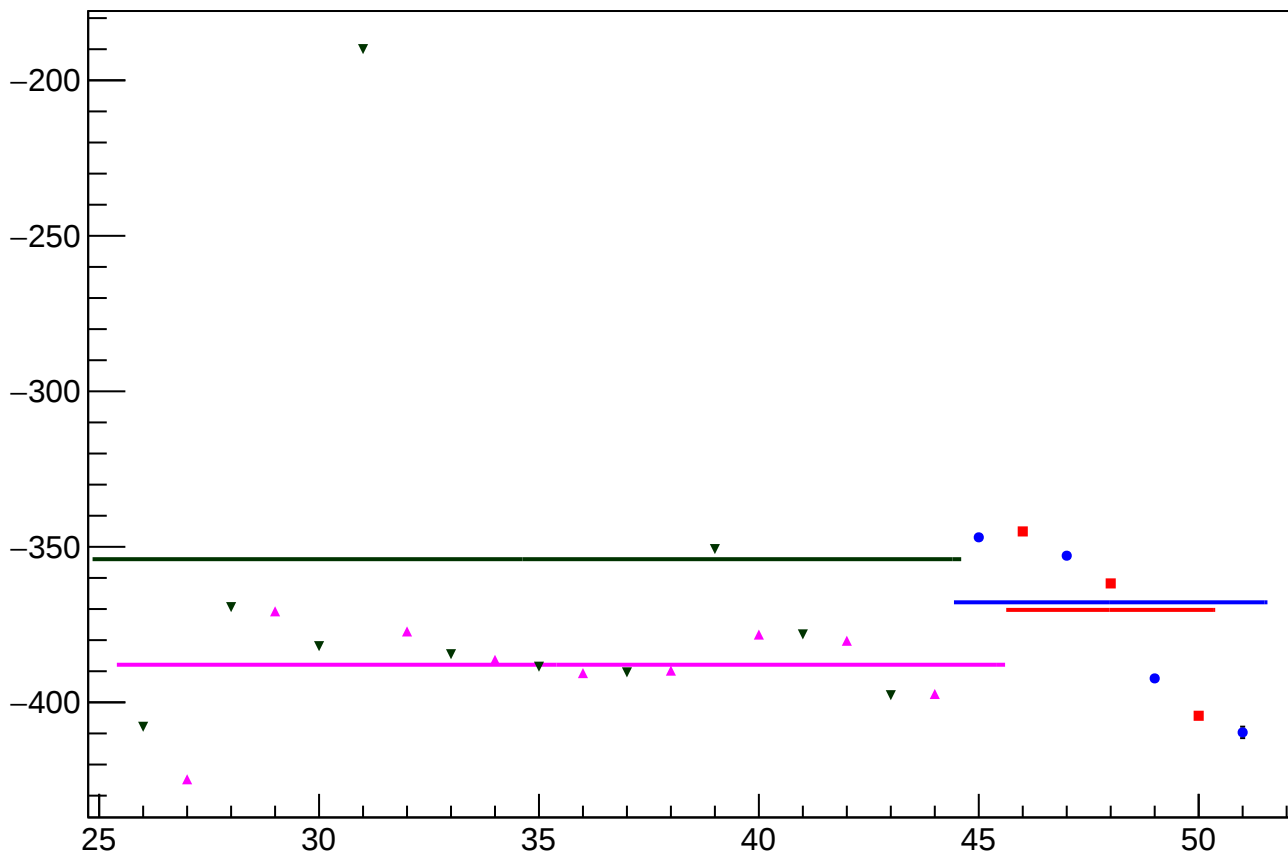
Right Out: 26.768+/-1.789 χ^2/NDF : 95.9/2

Left In: 37.924+/-0.861 χ^2/NDF : 567.9/8

46.590+/-0.801 χ^2/NDF : 496.0/13

35.826+/-0.776 χ^2/NDF : 695.3/11

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -367.838+/-0.280 χ^2/NDF : 6150.9/3

Left Out: -353.970+/-0.179 χ^2/NDF : 148485.8/9

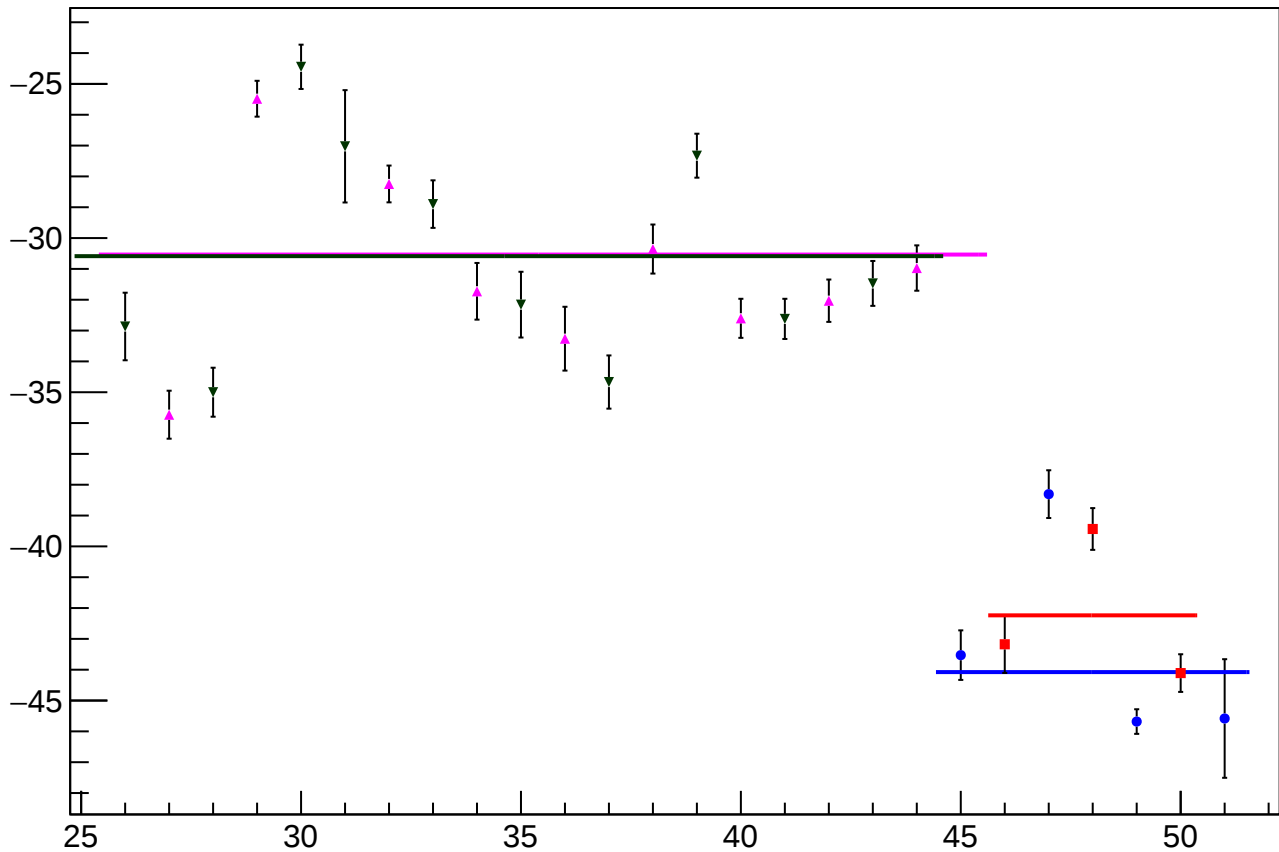
Right Out: -370.277+/-0.337 χ^2/NDF : 5523.6/2

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-358.000+/-0.151 χ^2/NDF : 156380.9/13

-383.907+/-0.160 χ^2/NDF : 15954.6/11

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.077 ± 0.320 $\chi^2/\text{NDF}: 72.8/3$

Left Out: -30.587 ± 0.260 $\chi^2/\text{NDF}: 173.5/9$

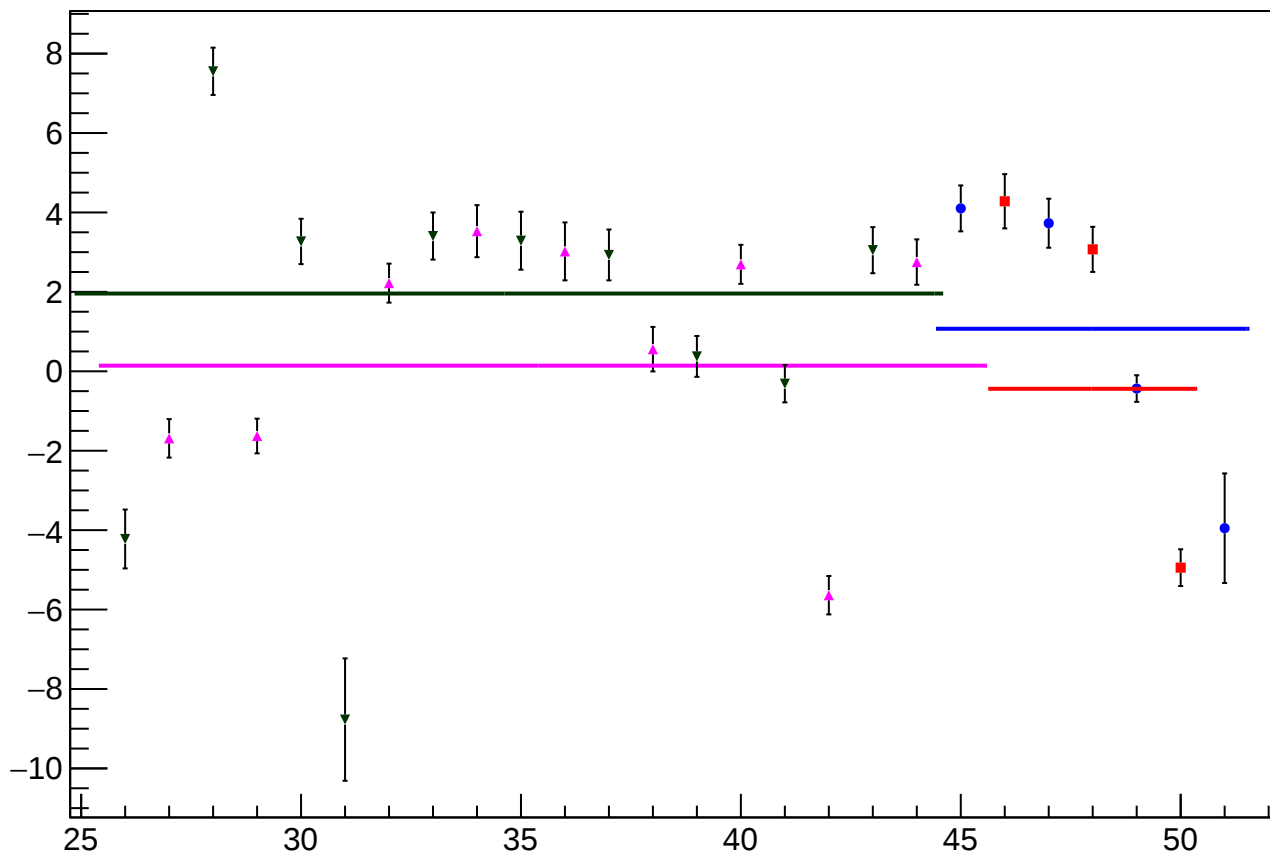
Right Out: -42.237 ± 0.408 $\chi^2/\text{NDF}: 27.5/2$

Left In: -30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-35.955 ± 0.202 $\chi^2/\text{NDF}: 1315.9/13$

-33.520 ± 0.206 $\chi^2/\text{NDF}: 800.7/11$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.071 ± 0.258 $\chi^2/\text{NDF}: 79.4/3$

Left Out: 1.958 ± 0.194 $\chi^2/\text{NDF}: 259.6/9$

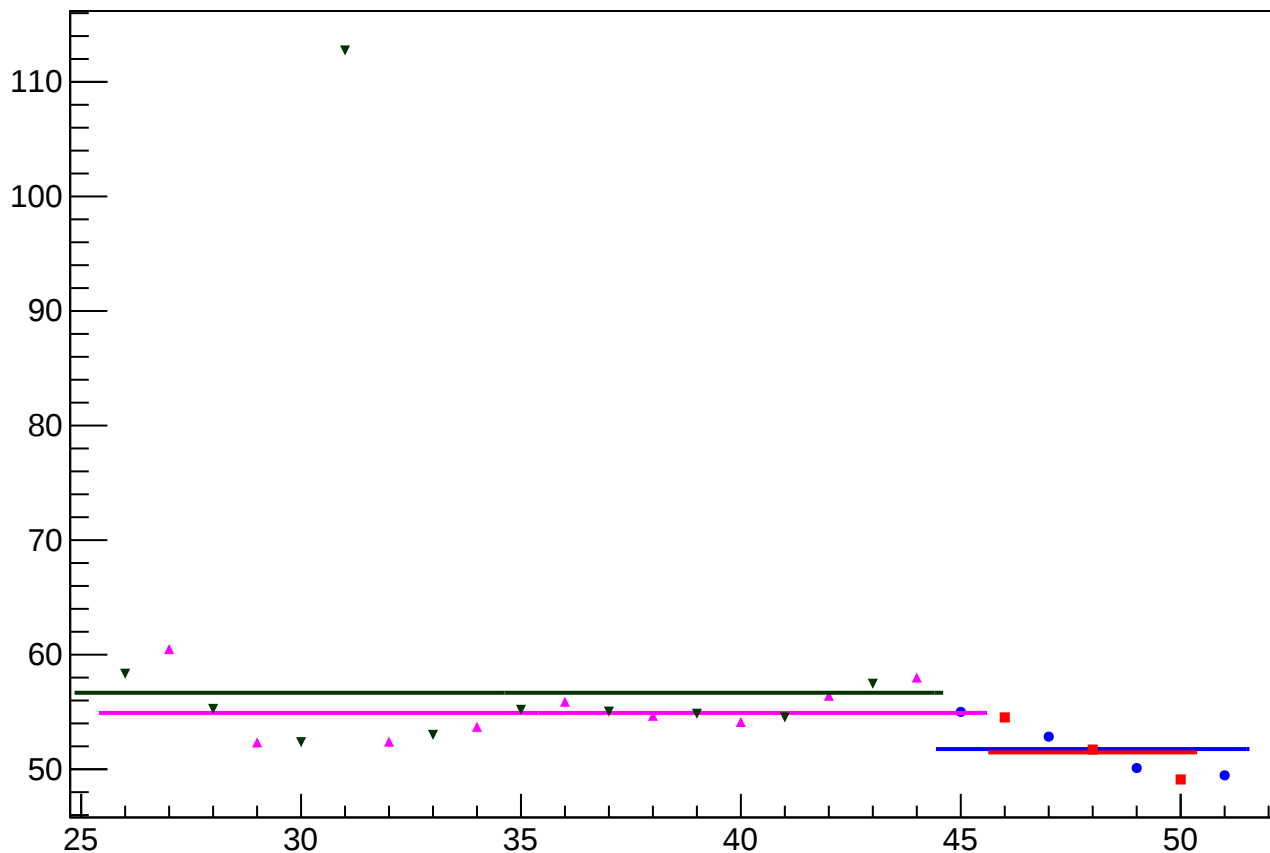
Right Out: -0.440 ± 0.318 $\chi^2/\text{NDF}: 180.5/2$

Left In: 0.142 ± 0.175 $\chi^2/\text{NDF}: 282.1/8$

1.638 ± 0.155 $\chi^2/\text{NDF}: 346.6/13$

0.006 ± 0.154 $\chi^2/\text{NDF}: 465.2/11$

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.761+/-0.060 χ^2/NDF : 1157.2/3

Left Out: 56.677+/-0.043 χ^2/NDF : 56330.1/9

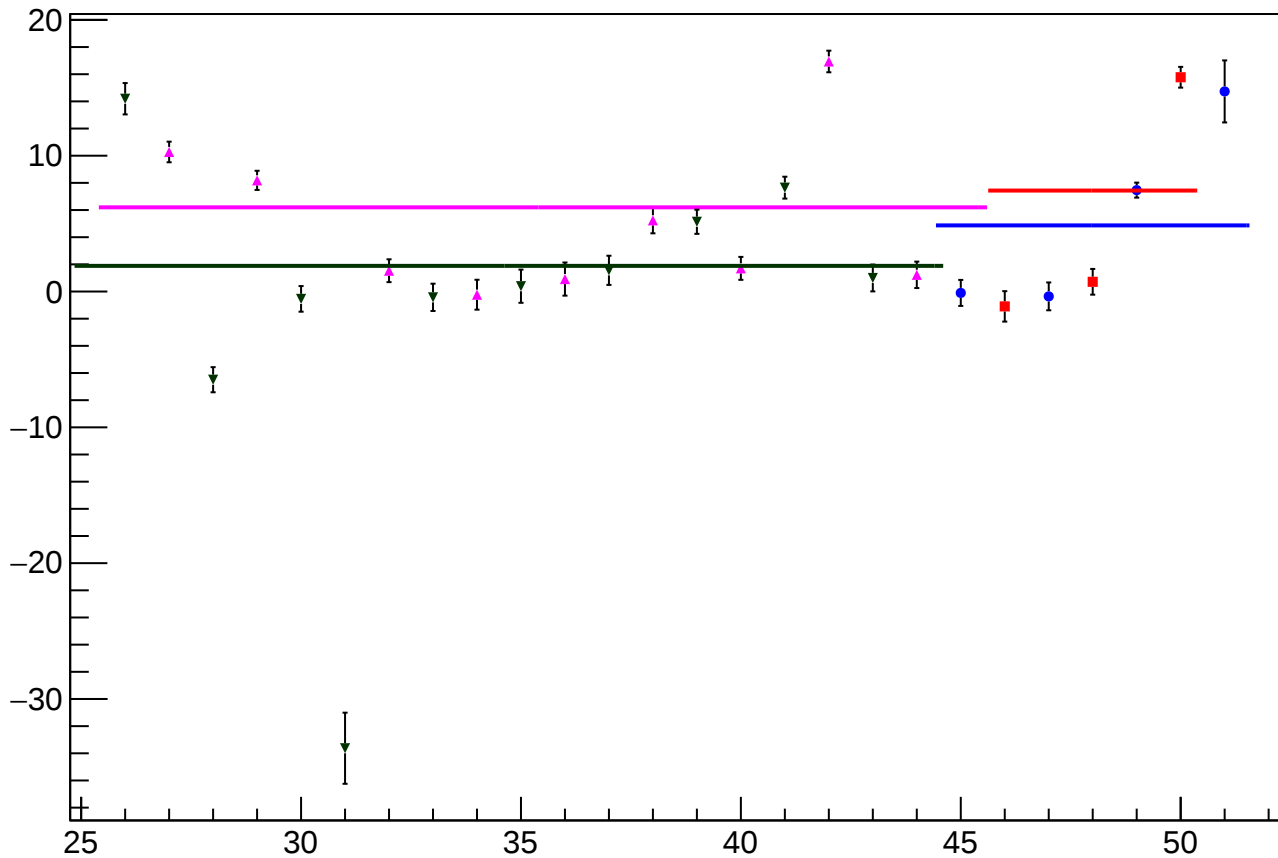
Right Out: 51.468+/-0.073 χ^2/NDF : 884.6/2

Left In: 54.917+/-0.041 χ^2/NDF : 3795.7/8

55.009+/-0.035 χ^2/NDF : 61887.8/13

54.090+/-0.036 χ^2/NDF : 6389.5/11

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.869 $\pm$ 0.426 χ^2 /NDF: 93.8/3

Left Out: 1.889 $\pm$ 0.324 χ^2 /NDF: 458.6/9

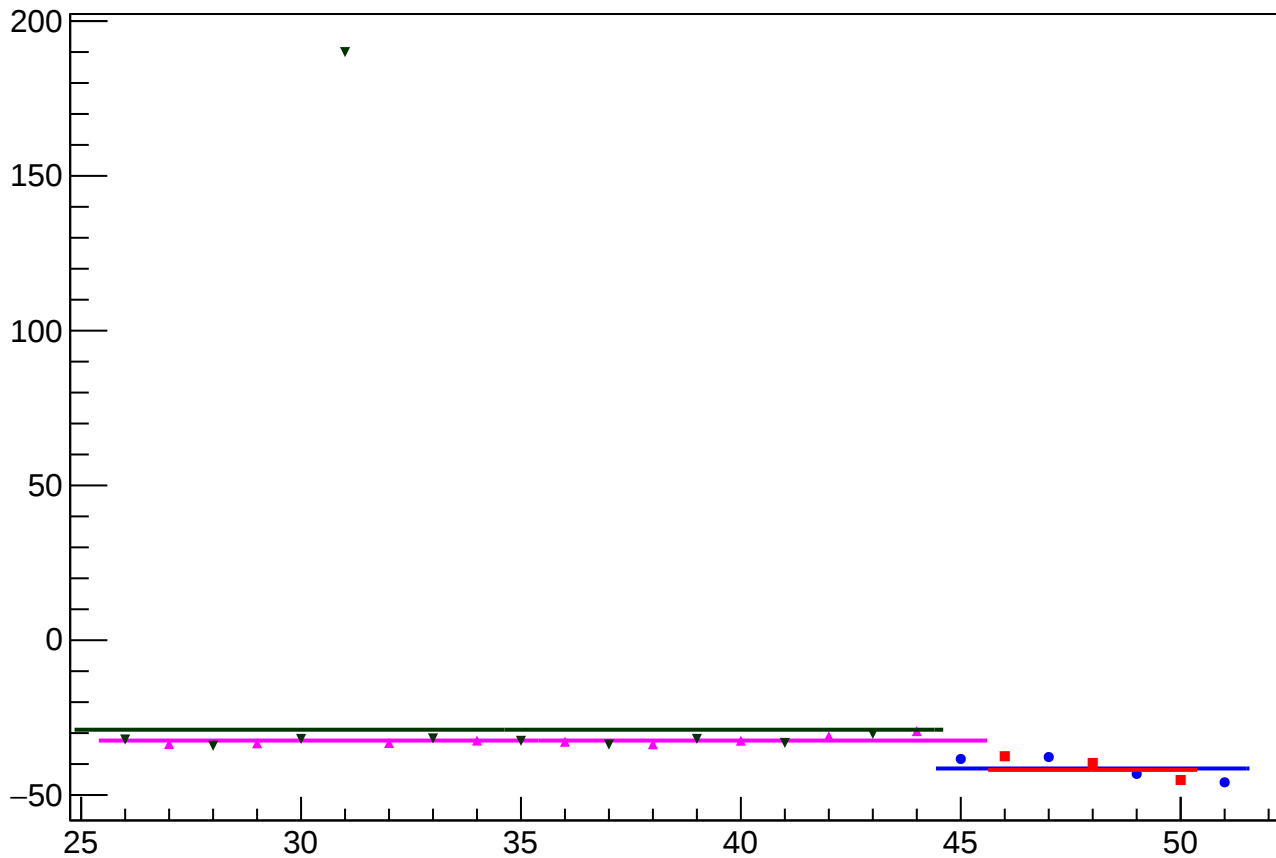
Right Out: 7.434 $\pm$ 0.525 χ^2 /NDF: 227.4/2

Left In: 6.198 $\pm$ 0.291 χ^2 /NDF: 358.2/8

2.980 $\pm$ 0.258 χ^2 /NDF: 583.4/13

6.488 $\pm$ 0.255 χ^2 /NDF: 589.8/11

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.432 $\pm$ 0.082 χ^2 /NDF: 976.2/3

Left Out: -28.904 $\pm$ 0.059 χ^2 /NDF: 220574.6/9

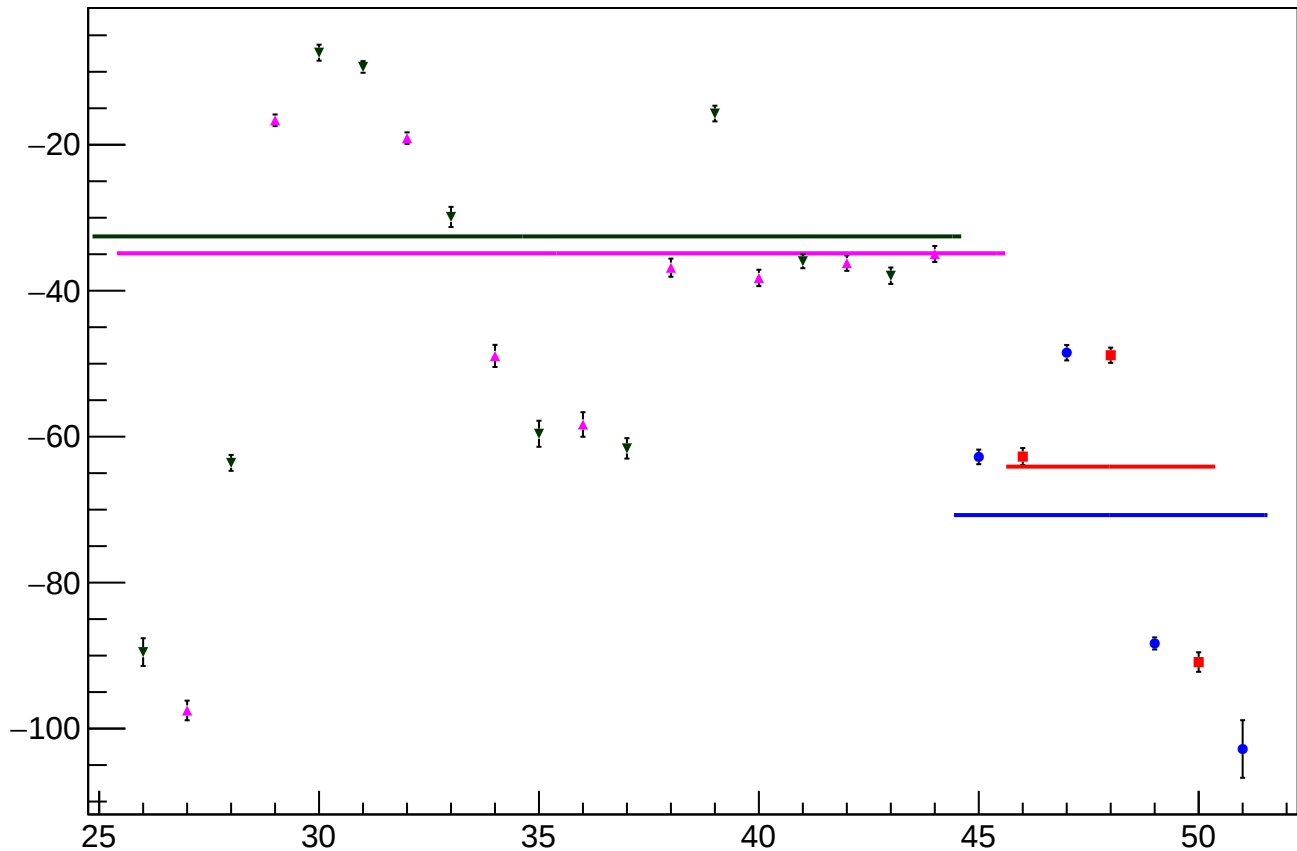
Right Out: -41.884 $\pm$ 0.096 χ^2 /NDF: 1144.7/2

Left In: -32.407 $\pm$ 0.060 χ^2 /NDF: 448.7/8

-33.113 $\pm$ 0.048 χ^2 /NDF: 236924.7/13

-35.066 $\pm$ 0.051 χ^2 /NDF: 8645.0/11

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -70.742 $\pm$ 0.541 χ^2 /NDF: 1022.1/3

Left Out: -32.557 $\pm$ 0.362 χ^2 /NDF:4020.8/9

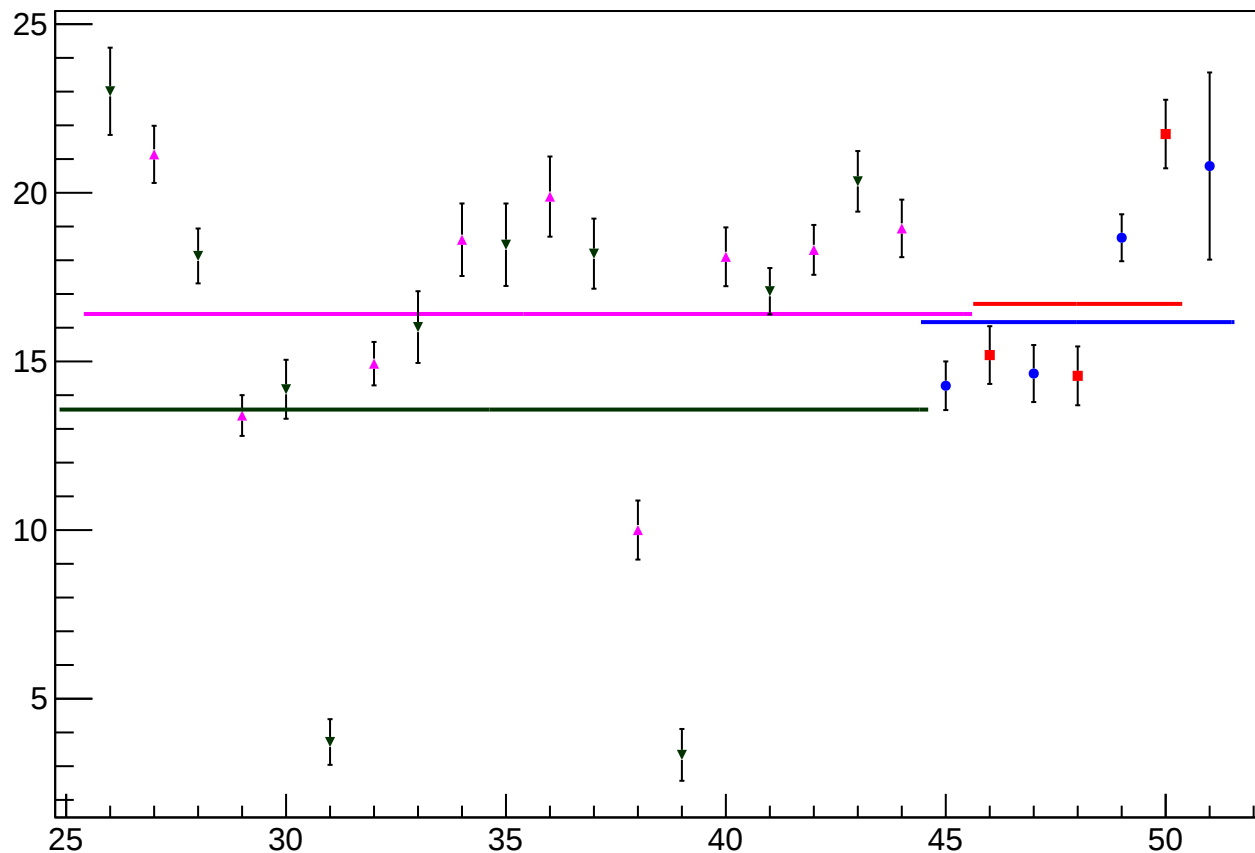
Right Out: -64.099 $\pm$ 0.673 χ^2 /NDF: 614.6/2

Left In: -34.865 $\pm$ 0.360 χ^2 /NDF:3392.2/8

-44.370 $\pm$ 0.301 χ^2 /NDF: 8478.1/13

-41.379 $\pm$ 0.318 χ^2 /NDF: 5473.6/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.166 $\pm$ 0.426 χ^2/NDF : 25.8/3

Left Out: 13.573 $\pm$ 0.276 χ^2/NDF : 598.2/9

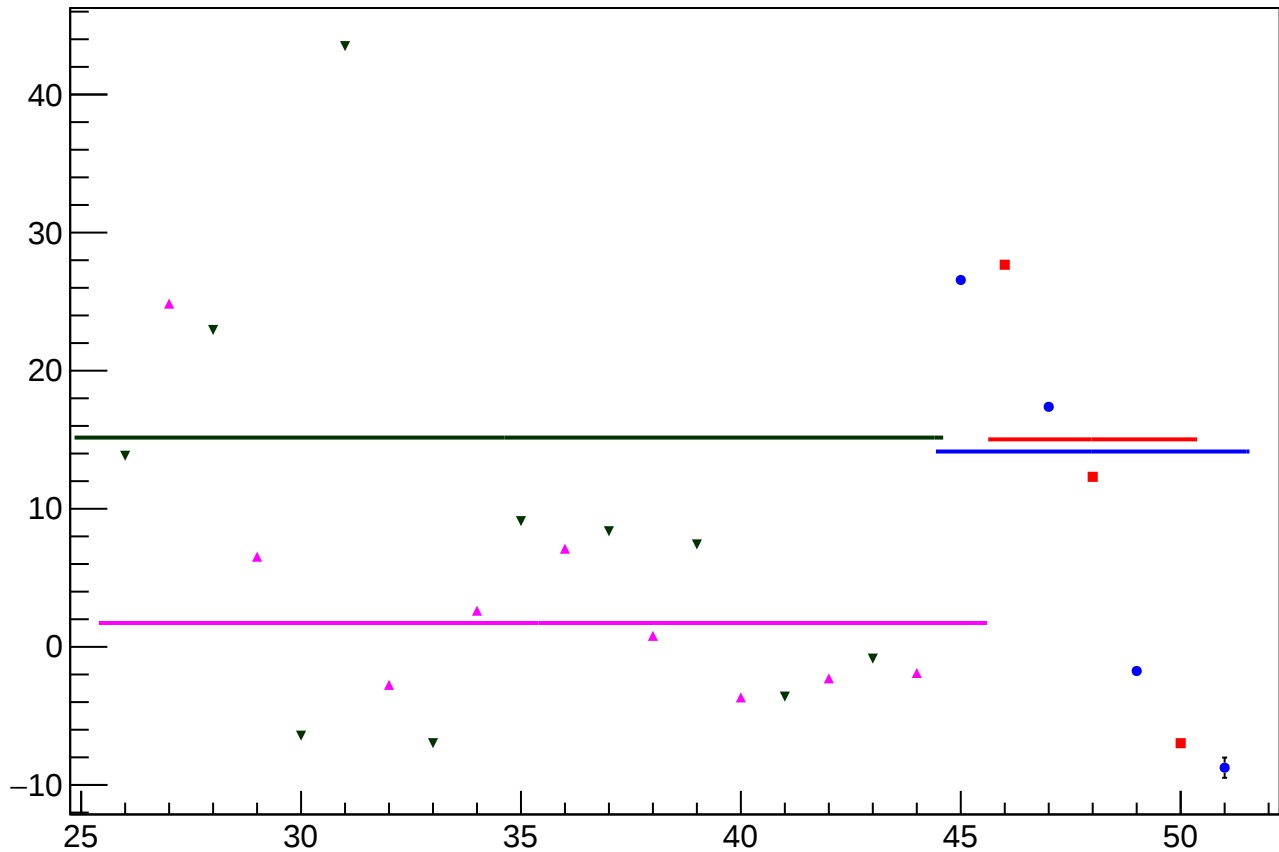
Right Out: 16.706 $\pm$ 0.523 χ^2/NDF : 33.7/2

Left In: 16.407 $\pm$ 0.268 χ^2/NDF : 146.8/8

14.341 $\pm$ 0.232 χ^2/NDF : 650.1/13

16.469 $\pm$ 0.238 χ^2/NDF : 180.7/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 14.147±/0.097 χ^2/NDF : 16039.9/3

Left Out: 15.156±/0.057 χ^2/NDF :119762.0/9

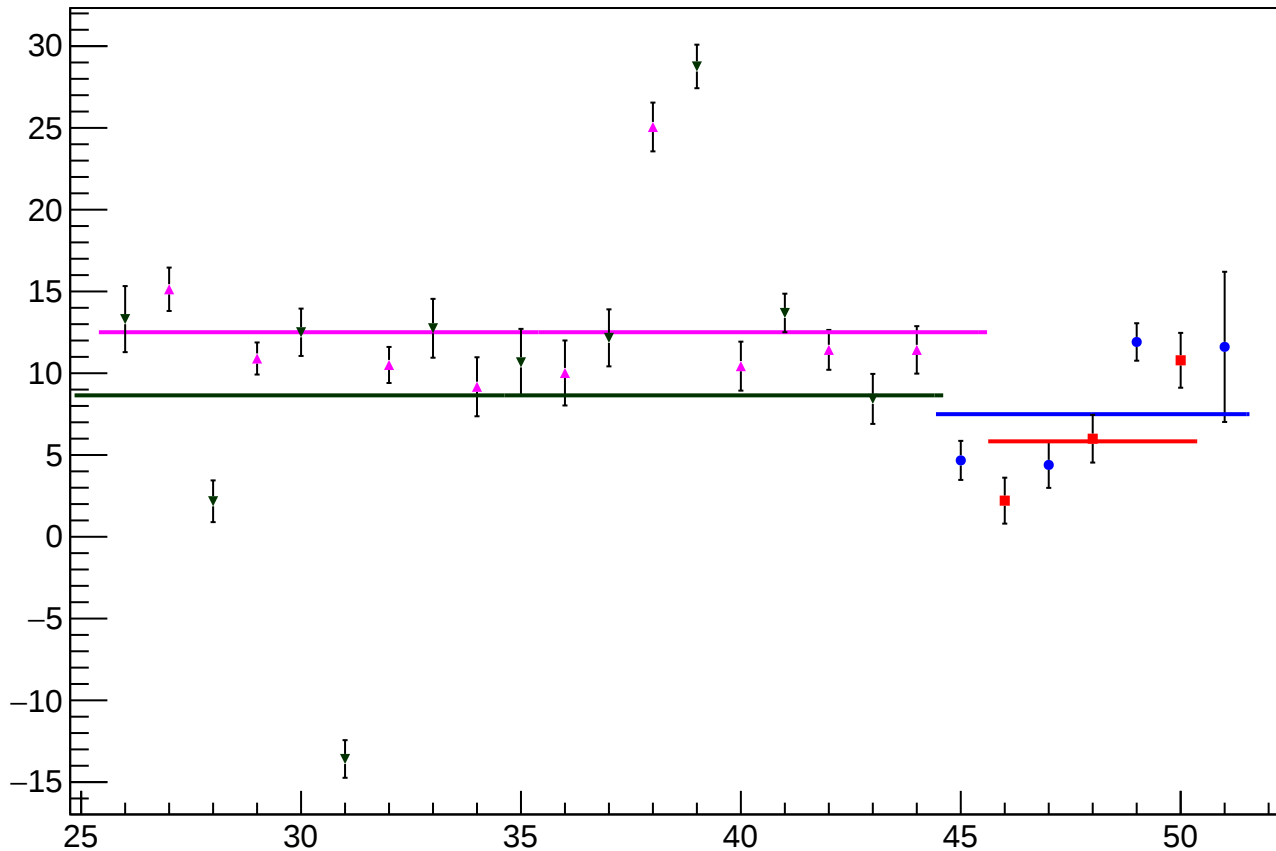
Right Out: 15.026±/0.115 χ^2/NDF : 12746.2/2

Left In: 1.730±/0.061 χ^2/NDF :13843.5/8

14.894±/0.049 χ^2/NDF : 135882.4/13

4.685±/0.054 χ^2/NDF : 37044.1/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 7.497+/-0.704 χ^2/NDF : 26.2/3

Left Out: 8.647+/-0.462 χ^2/NDF : 668.1/9

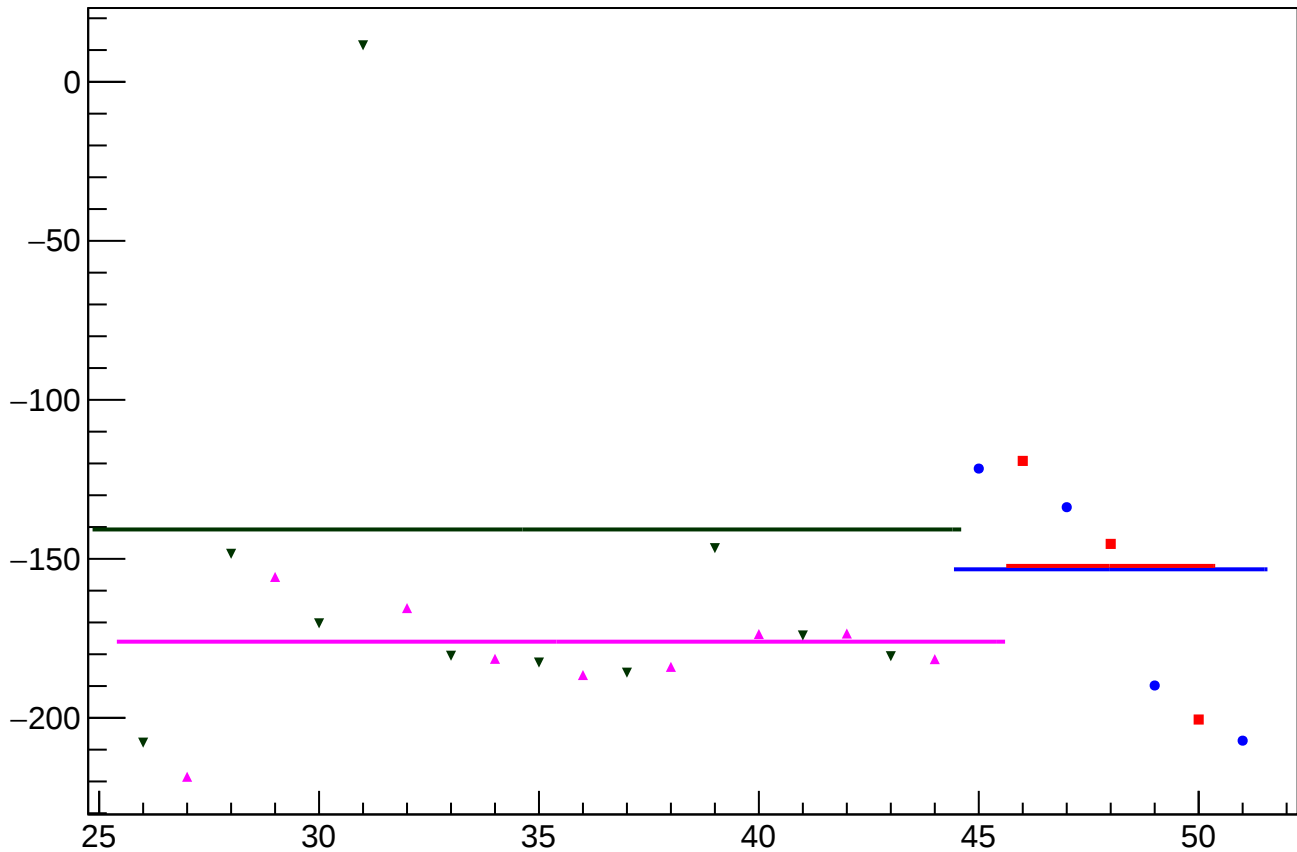
Right Out: 5.835+/-0.866 χ^2/NDF : 15.4/2

Left In: 12.508+/-0.446 χ^2/NDF : 89.0/8

8.300+/-0.386 χ^2/NDF : 696.2/13

11.111+/-0.396 χ^2/NDF : 151.3/11

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -153.290+/-0.137 χ^2/NDF : 53704.5/3

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

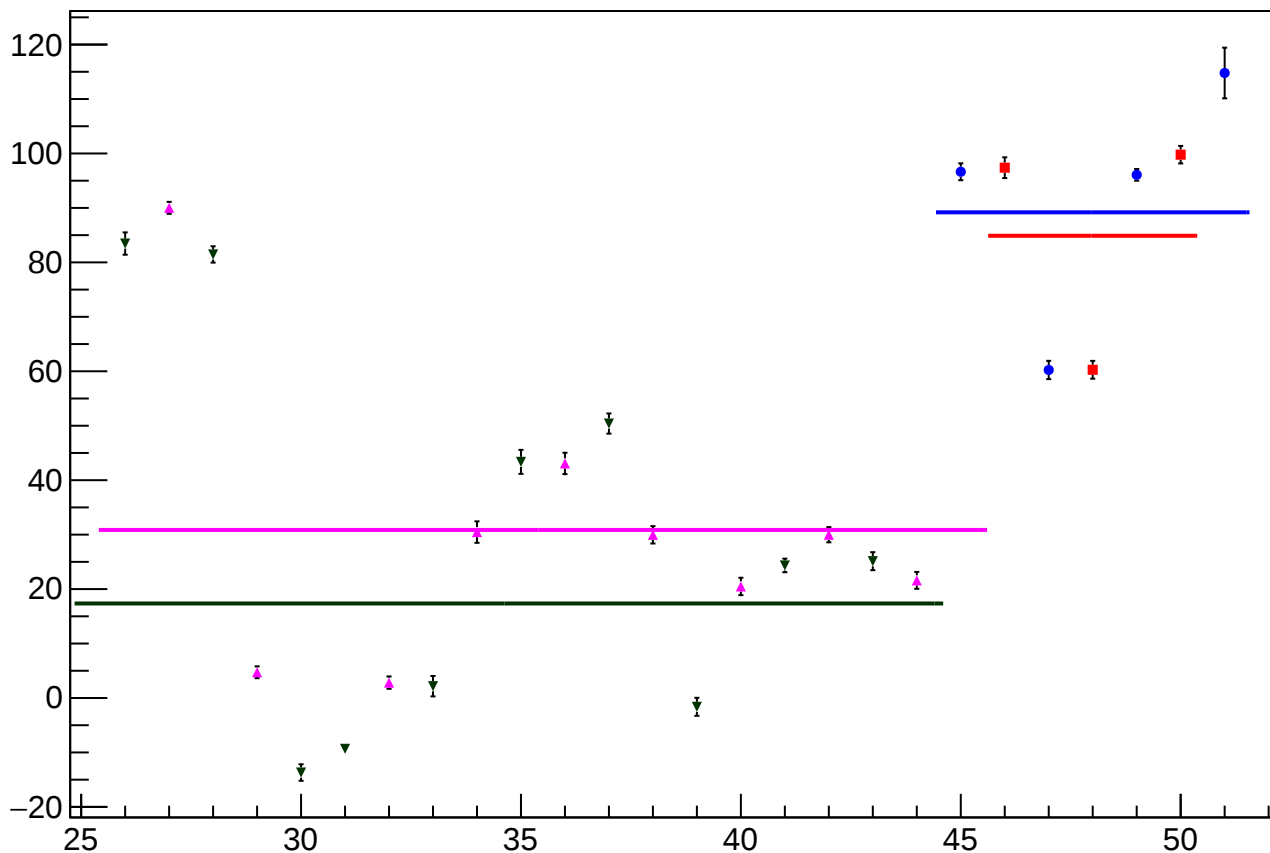
Right Out: -152.219+/-0.163 χ^2/NDF : 40499.7/2

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-144.264+/-0.073 χ^2/NDF : 750221.2/13

-170.259+/-0.081 χ^2/NDF : 85751.5/11

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 89.192 $\pm$ 0.771 χ^2 /NDF: 391.3/3

Left Out: 17.356 $\pm$ 0.455 χ^2 /NDF: 5107.4/9

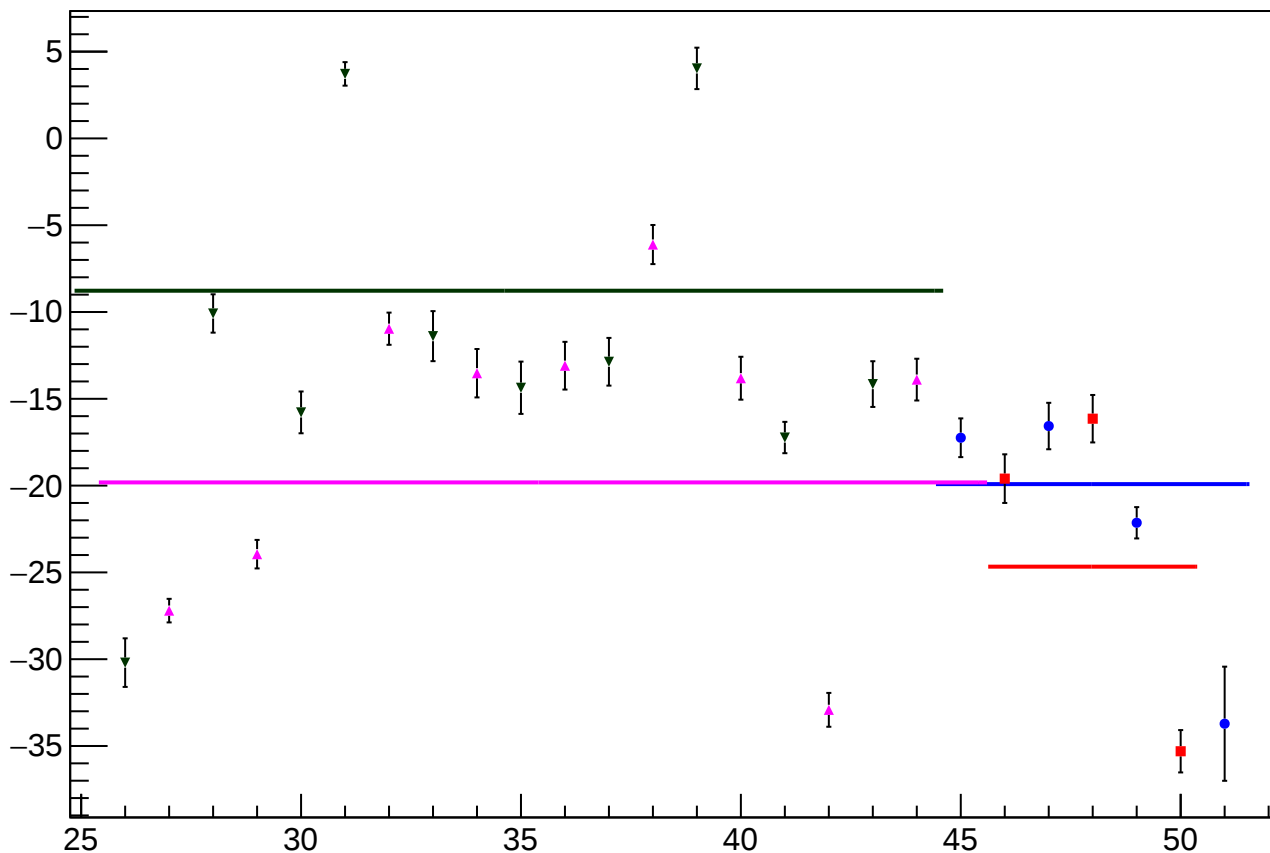
Right Out: 84.887 $\pm$ 0.983 χ^2 /NDF: 355.1/2

Left In: 30.865 $\pm$ 0.462 χ^2 /NDF: 4236.0/8

35.913 $\pm$ 0.392 χ^2 /NDF: 11941.7/13

40.637 $\pm$ 0.418 χ^2 /NDF: 7066.2/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.914 ± 0.610 χ^2/NDF : 35.7/3

Left Out: -8.774 ± 0.350 χ^2/NDF : 855.1/9

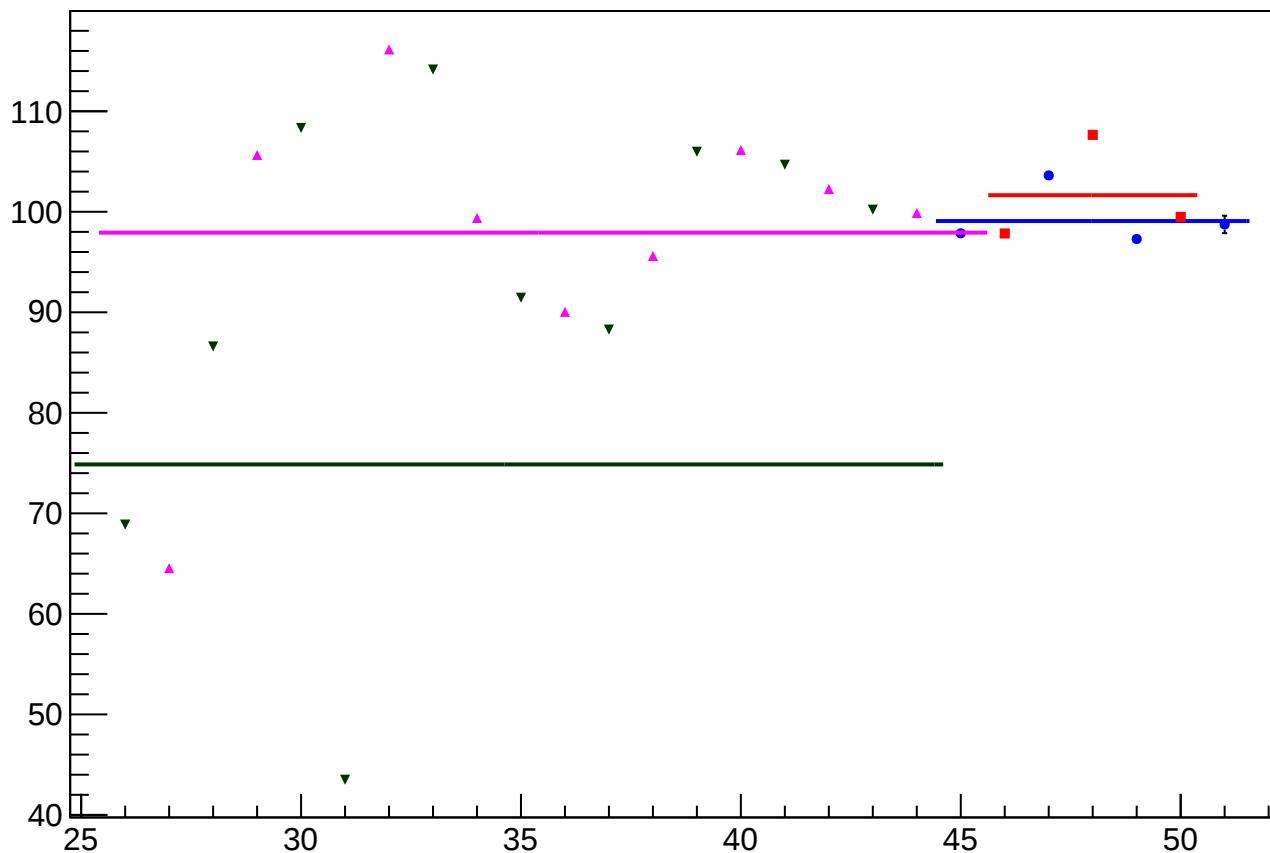
-11.532 ± 0.304 χ^2/NDF : 1141.4/13

Right Out: -24.669 ± 0.763 χ^2/NDF : 127.9/2

-20.591 ± 0.305 χ^2/NDF : 817.2/11

Left In: -19.816 ± 0.333 χ^2/NDF : 655.3/8

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 99.077 $\pm$ 0.140 χ^2 /NDF: 348.5/3

Left Out: 74.867 $\pm$ 0.070 χ^2 /NDF:168612.2/9

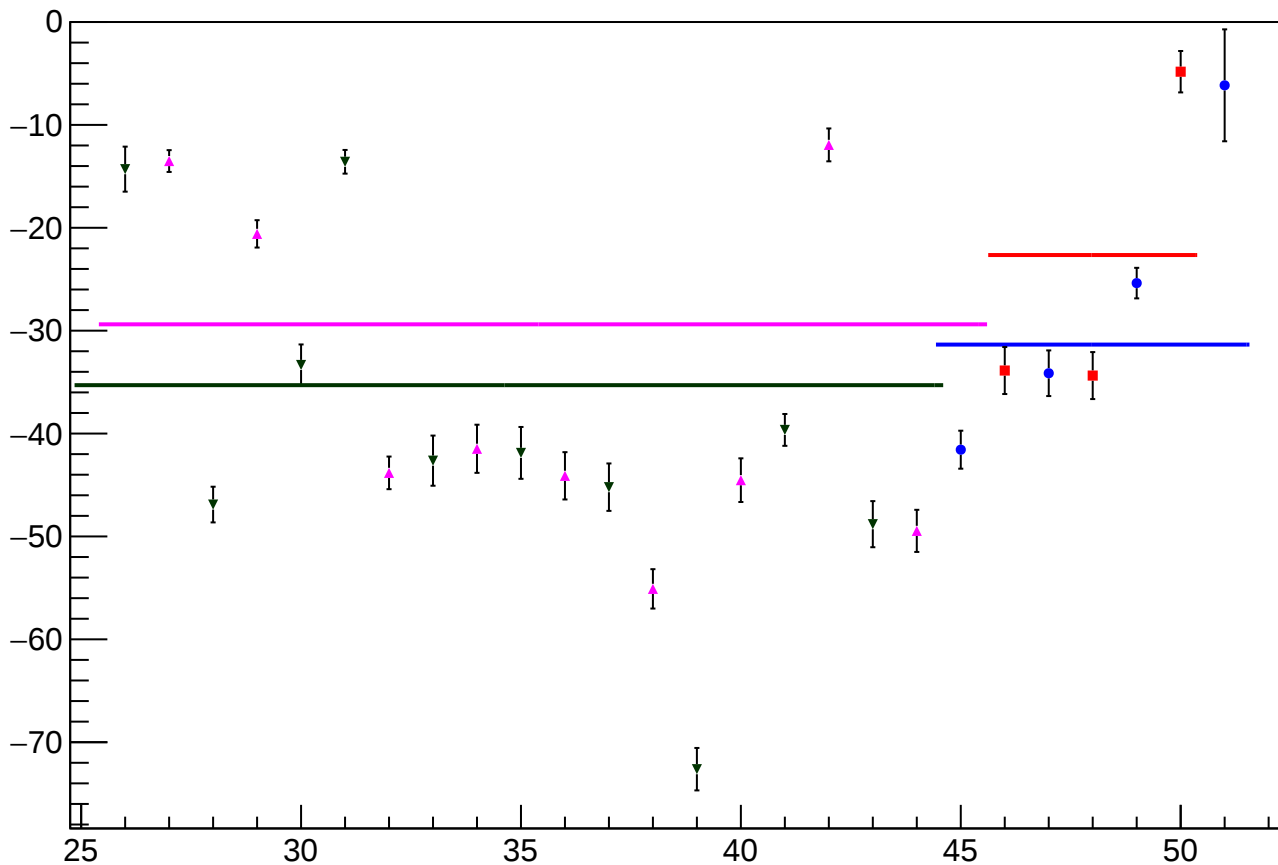
Right Out: 101.651 $\pm$ 0.171 χ^2 /NDF: 636.2/2

Left In: 97.925 $\pm$ 0.079 χ^2 /NDF:43942.4/8

79.677 $\pm$ 0.063 χ^2 /NDF: 192821.1/13

98.579 $\pm$ 0.072 χ^2 /NDF: 44967.9/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -31.352 ± 1.008 $\chi^2/\text{NDF}: 69.9/3$

Left Out: -35.297 ± 0.586 $\chi^2/\text{NDF}: 899.8/9$

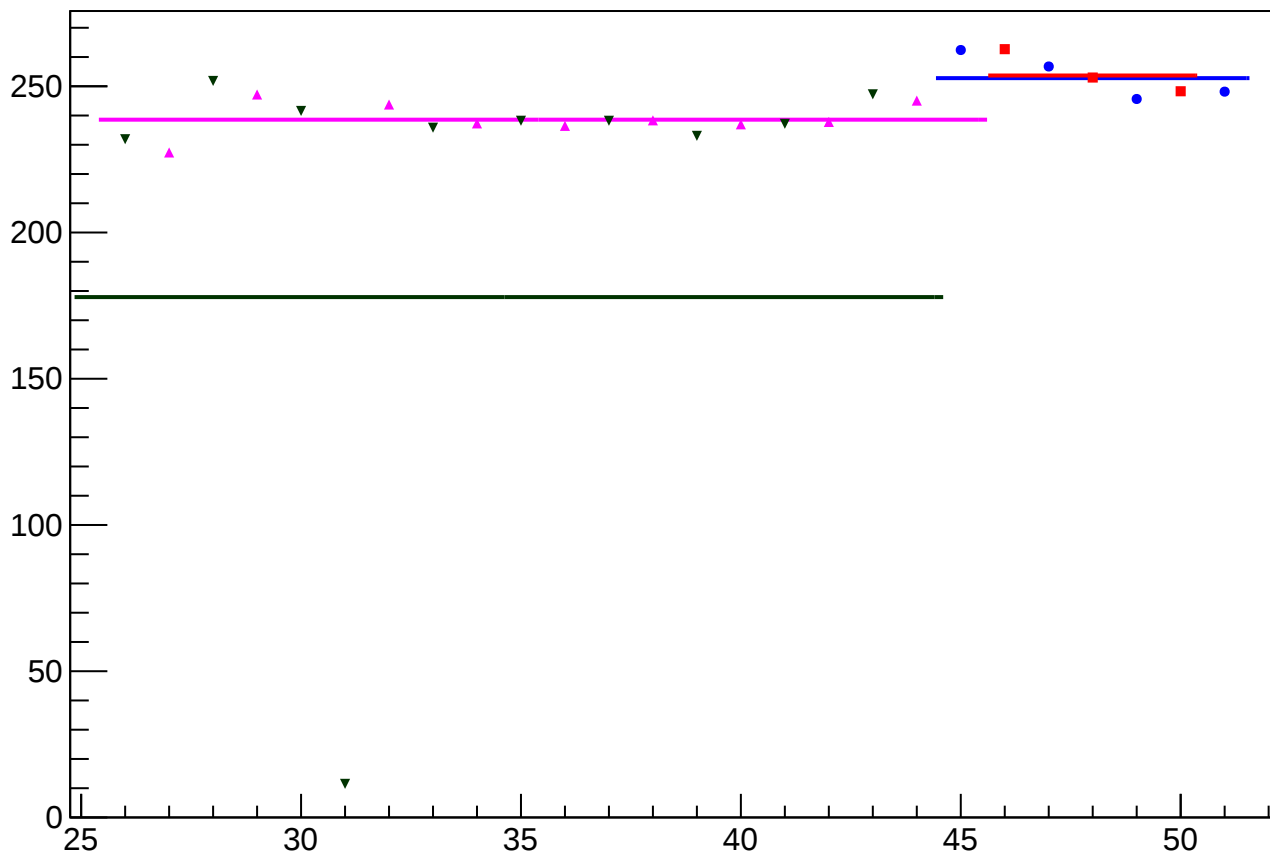
Right Out: -22.649 ± 1.259 $\chi^2/\text{NDF}: 128.9/2$

Left In: -29.383 ± 0.546 $\chi^2/\text{NDF}: 865.1/8$

-34.301 ± 0.507 $\chi^2/\text{NDF}: 981.1/13$

-28.317 ± 0.501 $\chi^2/\text{NDF}: 1018.1/11$

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 252.781 $\pm$ 0.196 χ^2 /NDF: 1414.1/3

Left Out: 177.919 $\pm$ 0.108 χ^2 /NDF: 891925.7/9

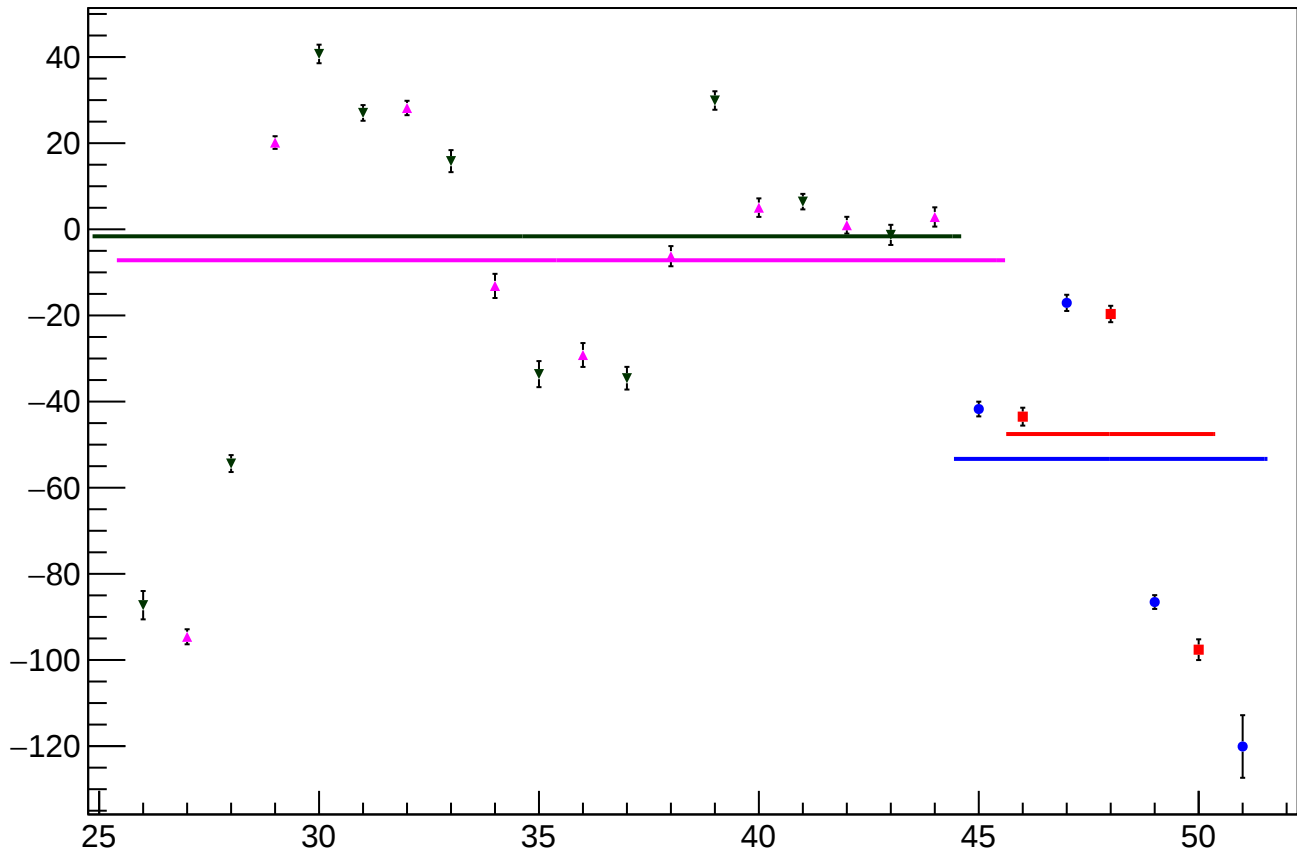
Right Out: 253.683 $\pm$ 0.234 χ^2 /NDF: 624.0/2

Left In: 238.578 $\pm$ 0.118 χ^2 /NDF: 3012.9/8

195.250 $\pm$ 0.094 χ^2 /NDF: 1005461.3/13

241.611 $\pm$ 0.105 χ^2 /NDF: 6953.1/11

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -53.309 ± 0.984 χ^2/NDF : 931.3/3

Left Out: -1.625 ± 0.710 χ^2/NDF : 2580.3/9

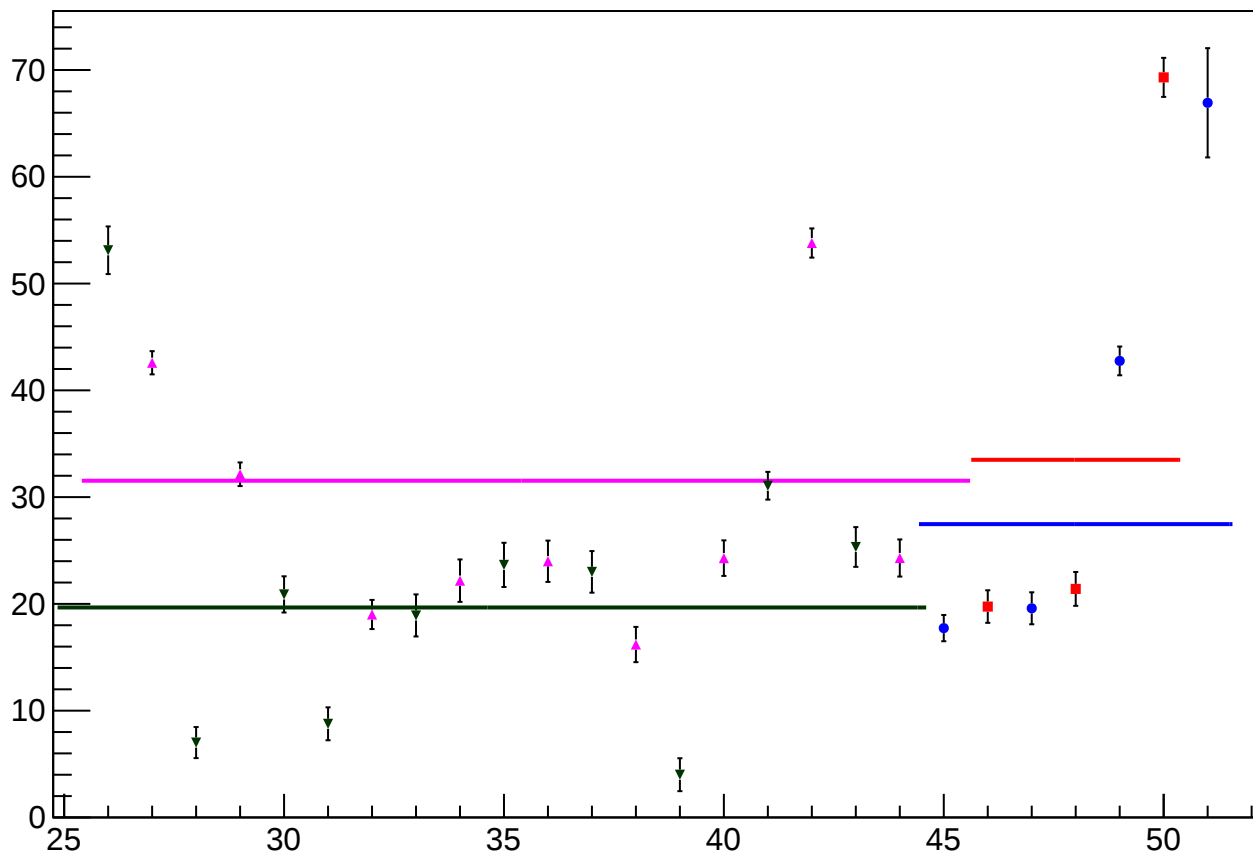
Right Out: -47.536 ± 1.212 χ^2/NDF : 650.9/2

Left In: -7.188 ± 0.664 χ^2/NDF : 3435.6/8

-19.335 ± 0.576 χ^2/NDF : 5325.3/13

-16.496 ± 0.582 χ^2/NDF : 4938.3/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 27.470 $\pm$ 0.768 χ^2 /NDF: 278.8/3

Left Out: 19.664 $\pm$ 0.535 χ^2 /NDF: 547.2/9

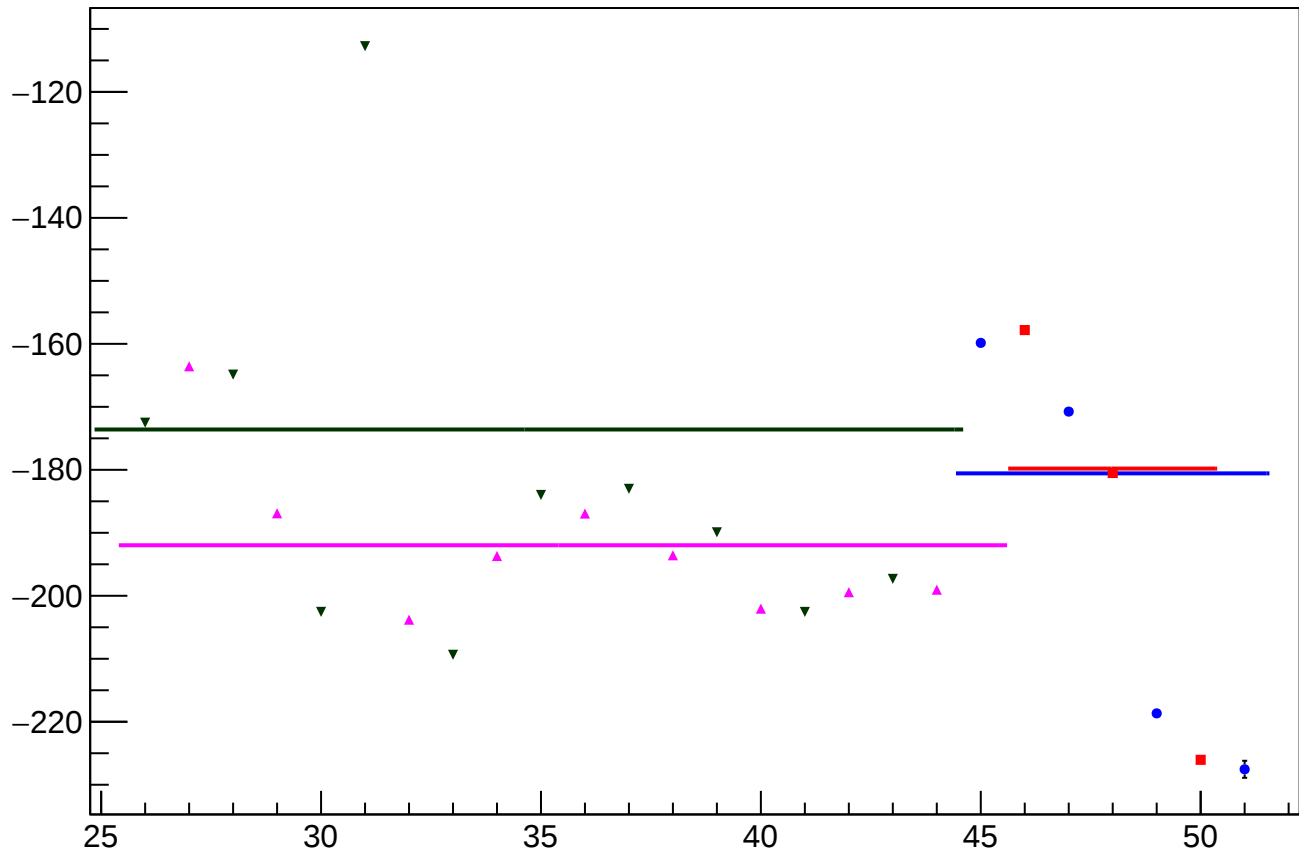
Right Out: 33.494 $\pm$ 0.942 χ^2 /NDF: 523.4/2

Left In: 31.534 $\pm$ 0.481 χ^2 /NDF: 612.9/8

22.213 $\pm$ 0.439 χ^2 /NDF: 895.6/13

31.940 $\pm$ 0.429 χ^2 /NDF: 1139.7/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -180.565+/-0.174 χ^2/NDF : 21291.9/3

Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

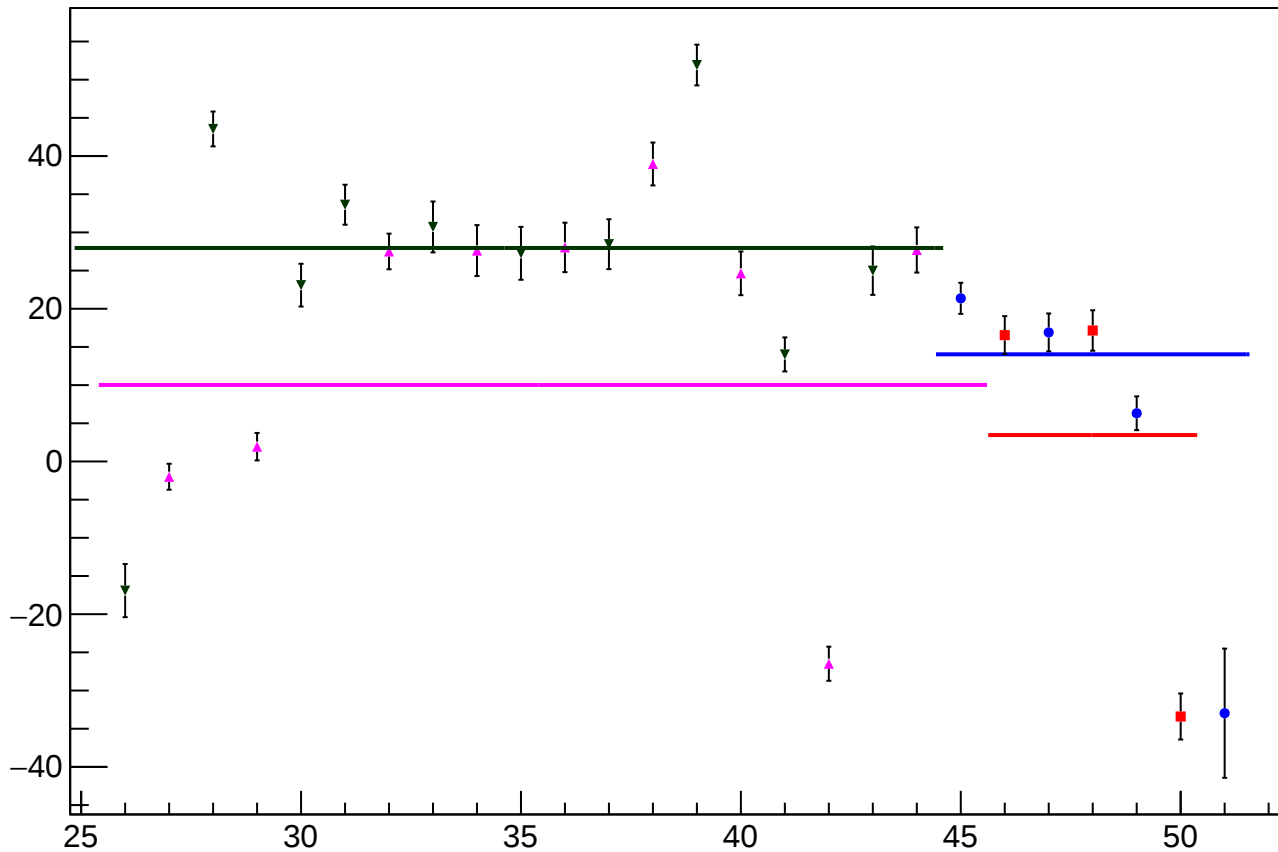
Right Out: -179.803+/-0.207 χ^2/NDF : 14933.2/2

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-175.707+/-0.096 χ^2/NDF : 114937.5/13

-189.115+/-0.100 χ^2/NDF : 29980.4/11

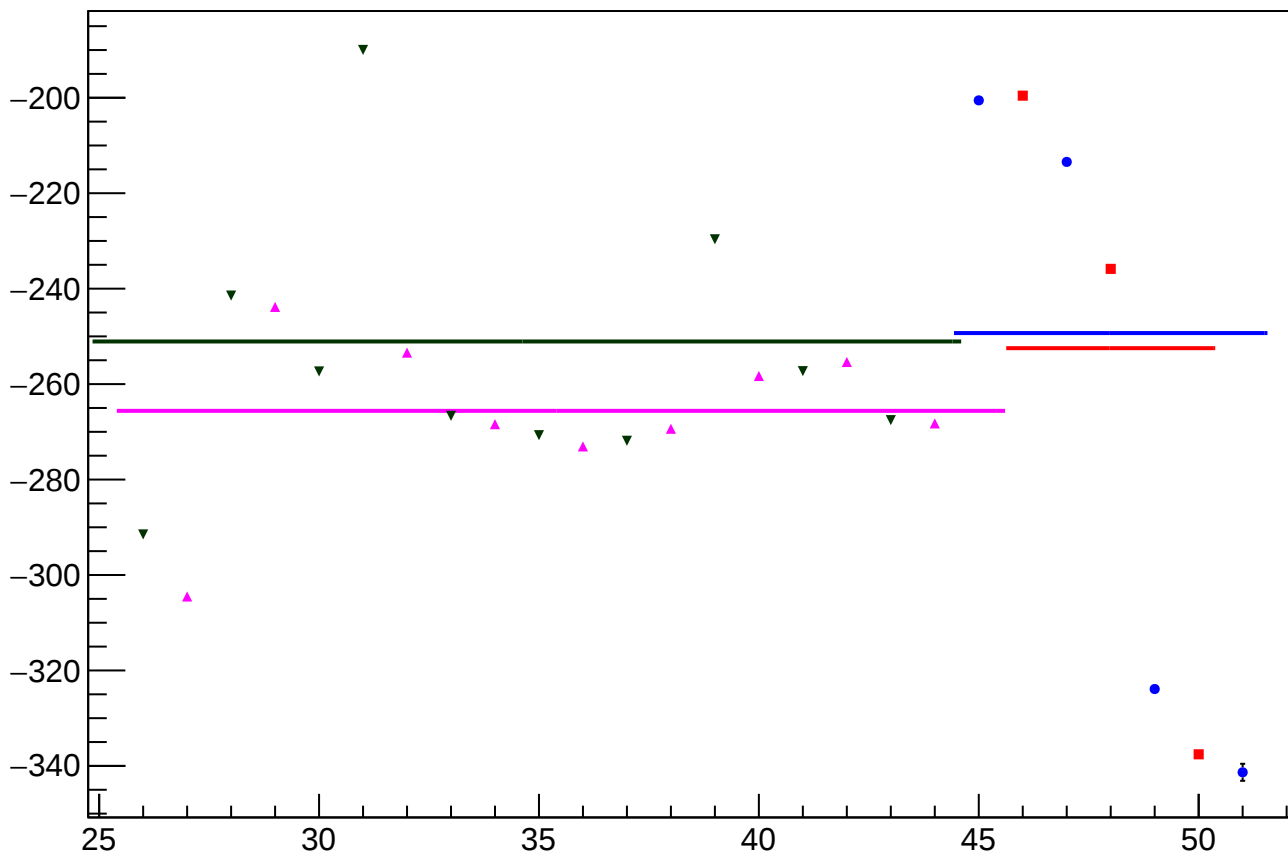
reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 14.035 +/- 1.269 χ^2/NDF : 57.3/3
 Left Out: 27.961 +/- 0.892 χ^2/NDF : 342.1/9
 Right Out: 3.461 +/- 1.556 χ^2/NDF : 203.6/2
 Left In: 10.019 +/- 0.793 χ^2/NDF : 620.9/8

23.356 +/- 0.730 χ^2/NDF : 480.0/13
 8.666 +/- 0.707 χ^2/NDF : 838.6/11

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -249.305+/-0.248 χ^2/NDF : 53822.7/3

Left Out: -251.066+/-0.164 χ^2/NDF : 28709.1/9

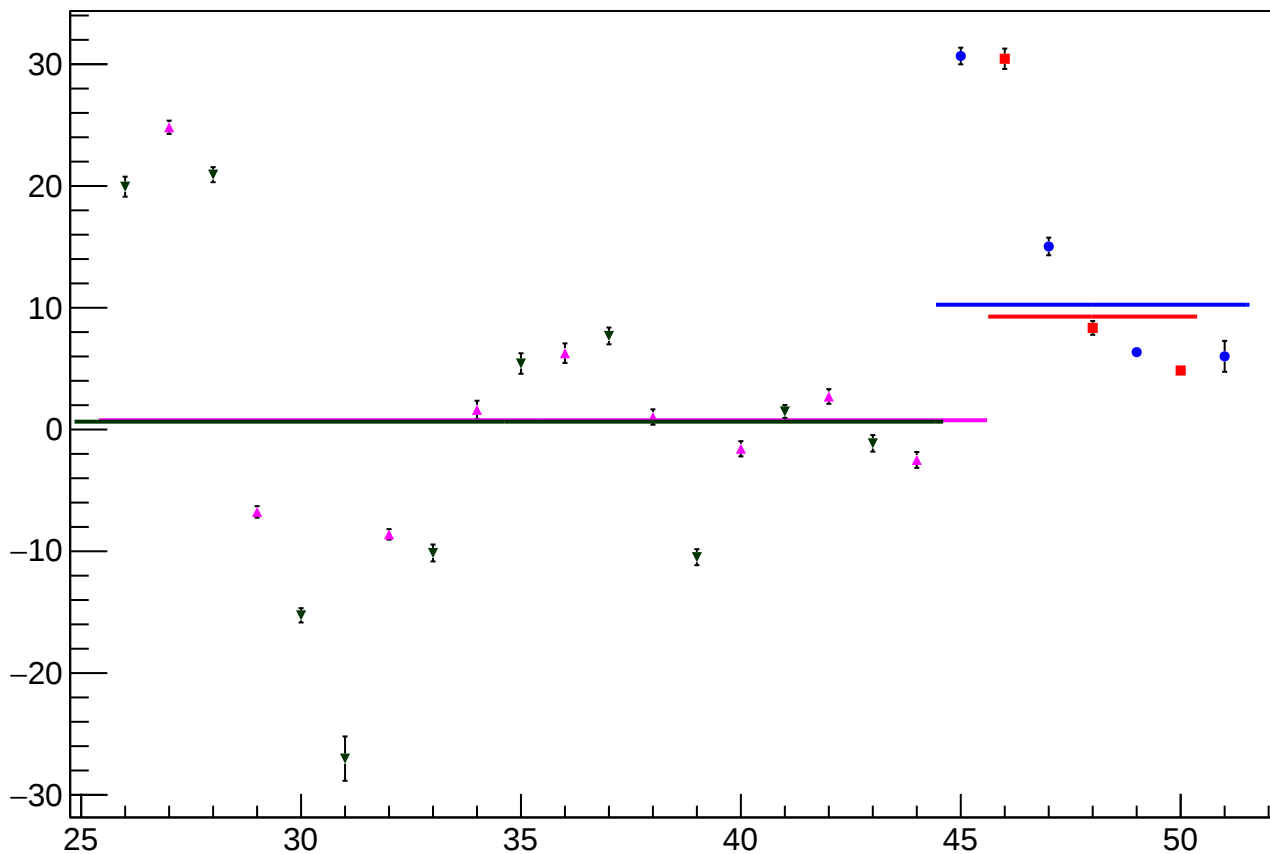
Right Out: -252.469+/-0.294 χ^2/NDF : 37236.8/2

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-250.528+/-0.137 χ^2/NDF : 82566.9/13

-262.372+/-0.146 χ^2/NDF : 50892.0/11

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 10.249 $\pm$ 0.239 χ^2 /NDF: 1140.0/3

Left Out: 0.647 $\pm$ 0.219 χ^2 /NDF: 3257.1/9

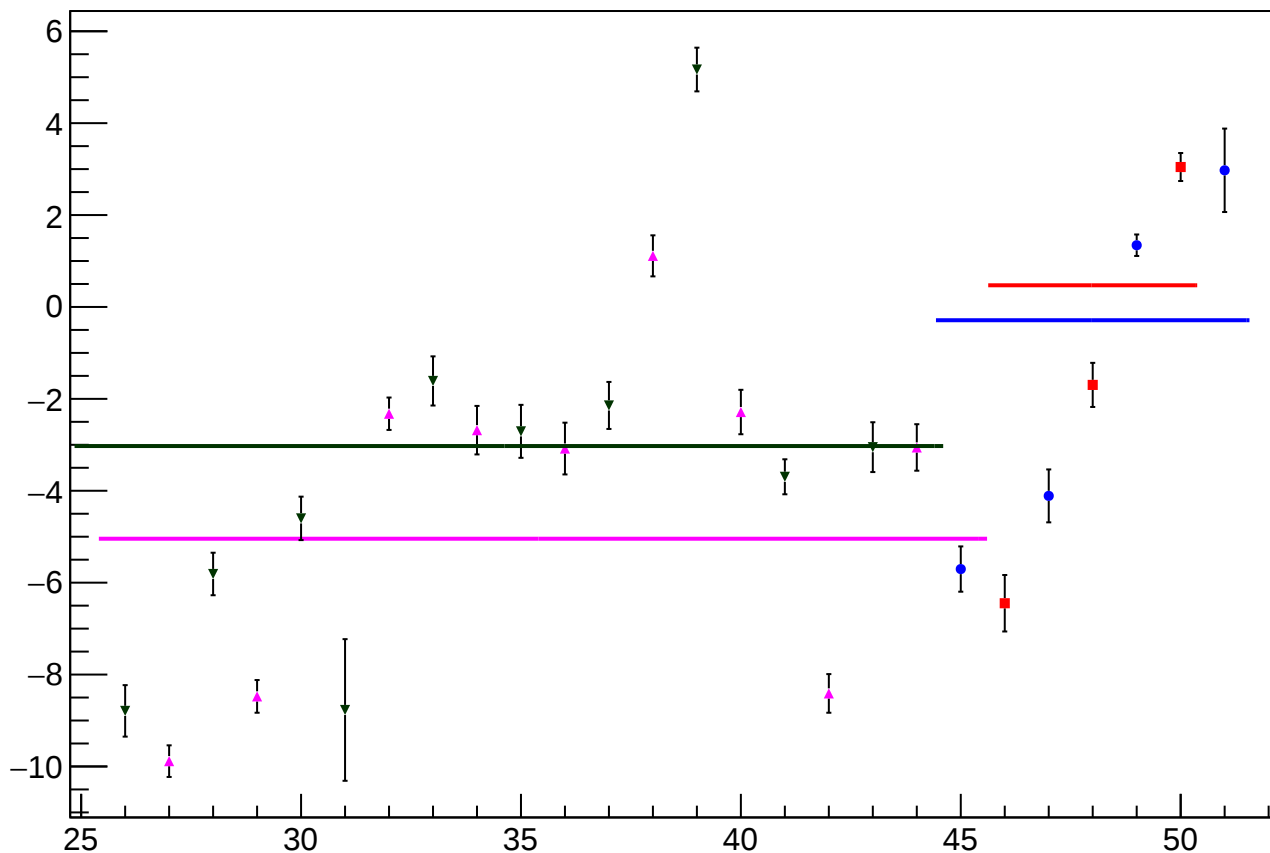
Right Out: 9.274 $\pm$ 0.305 χ^2 /NDF: 766.0/2

Left In: 0.760 $\pm$ 0.193 χ^2 /NDF: 2789.0/8

5.027 $\pm$ 0.161 χ^2 /NDF: 5276.1/13

3.195 $\pm$ 0.163 χ^2 /NDF: 4110.0/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -0.289 ± 0.194 χ^2/NDF : 226.5/3

Left Out: -3.027 ± 0.163 χ^2/NDF : 477.3/9

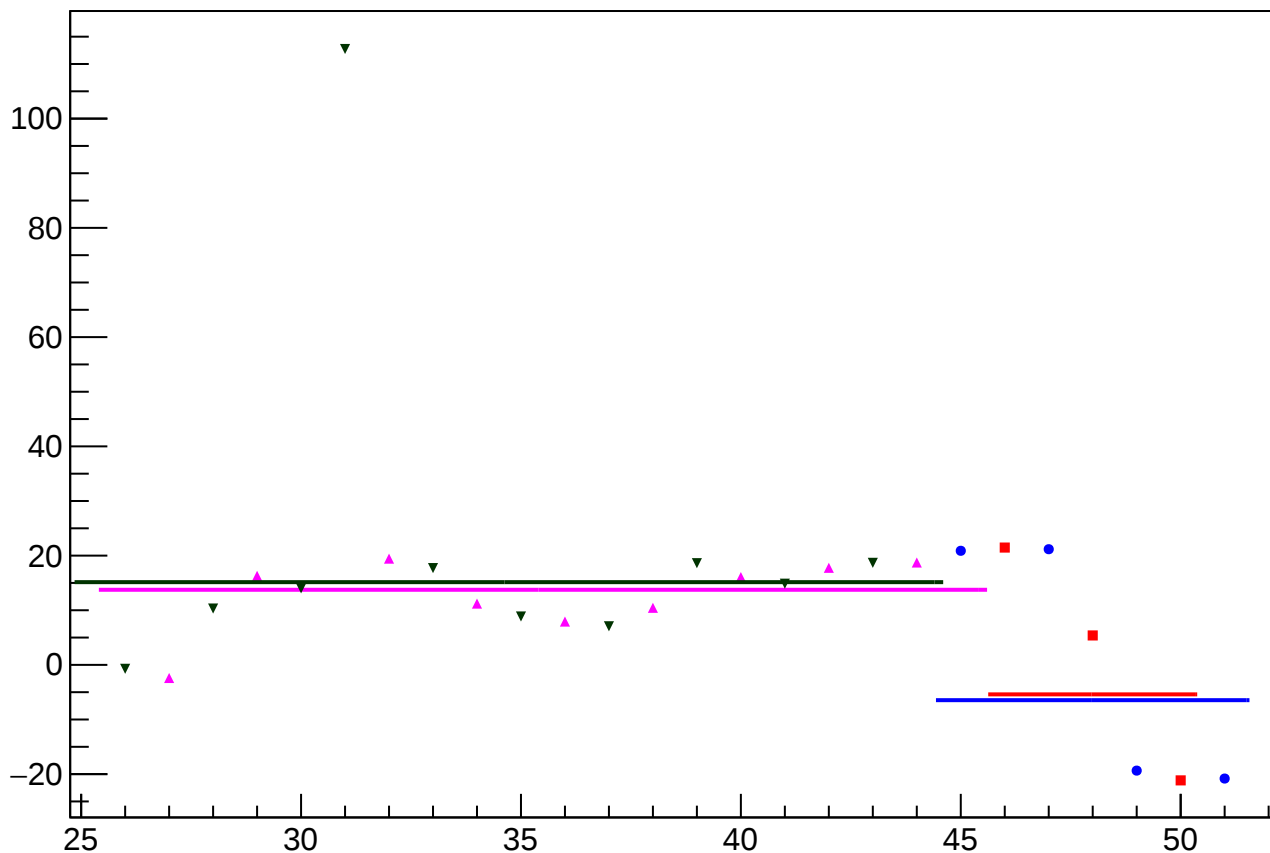
Right Out: 0.472 ± 0.237 χ^2/NDF : 218.6/2

Left In: -5.044 ± 0.141 χ^2/NDF : 684.5/8

-1.895 ± 0.125 χ^2/NDF : 821.0/13

-3.598 ± 0.121 χ^2/NDF : 1301.8/11

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -6.462+/-0.046 χ^2/NDF : 169254.7/3

Left Out: 15.143+/-0.036 χ^2/NDF :187125.6/9

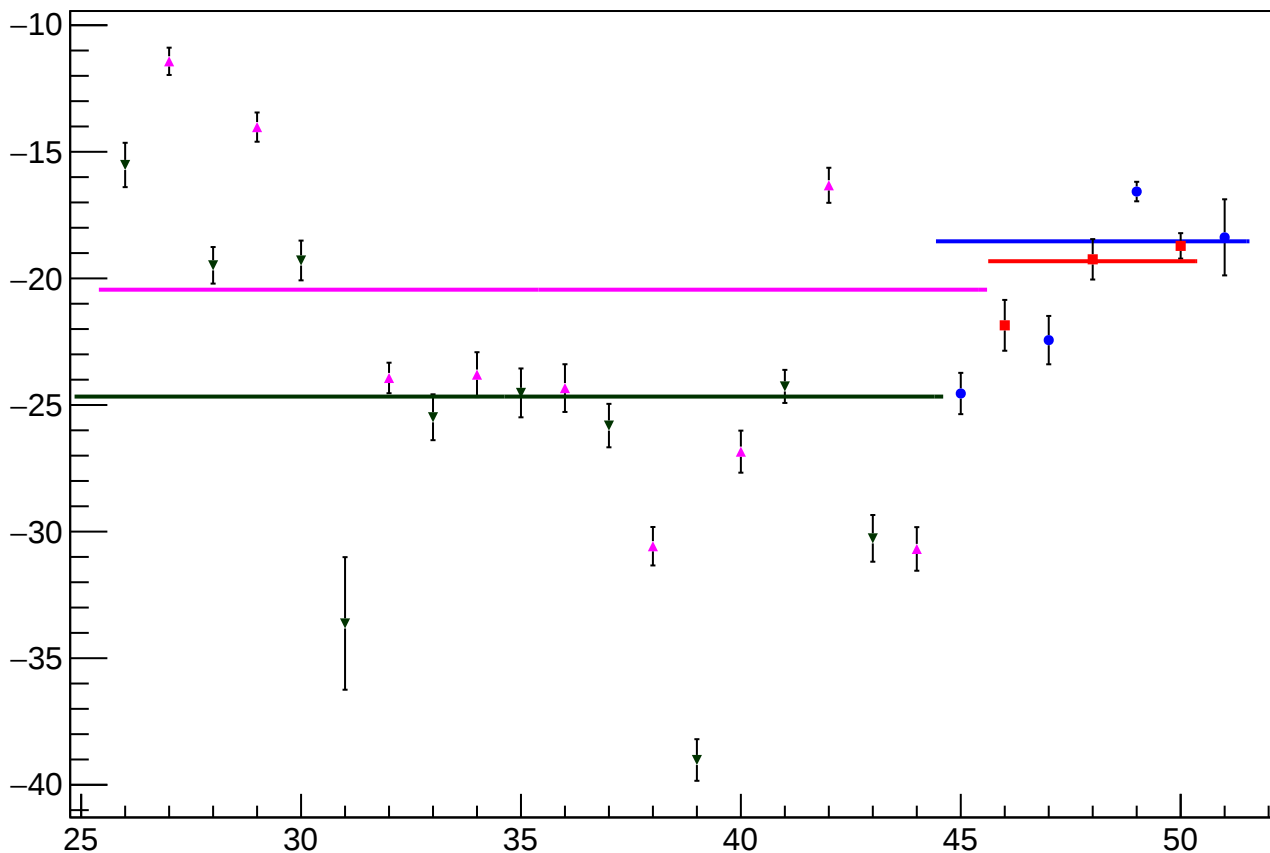
Right Out: -5.400+/-0.056 χ^2/NDF : 97532.4/2

Left In: 13.747+/-0.033 χ^2/NDF :44234.1/8

6.887+/-0.028 χ^2/NDF : 493290.7/13

8.851+/-0.028 χ^2/NDF : 229308.5/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.535 $\pm$ 0.320 χ^2 /NDF: 97.1/3

Left Out: -24.667 $\pm$ 0.271 χ^2 /NDF: 564.2/9

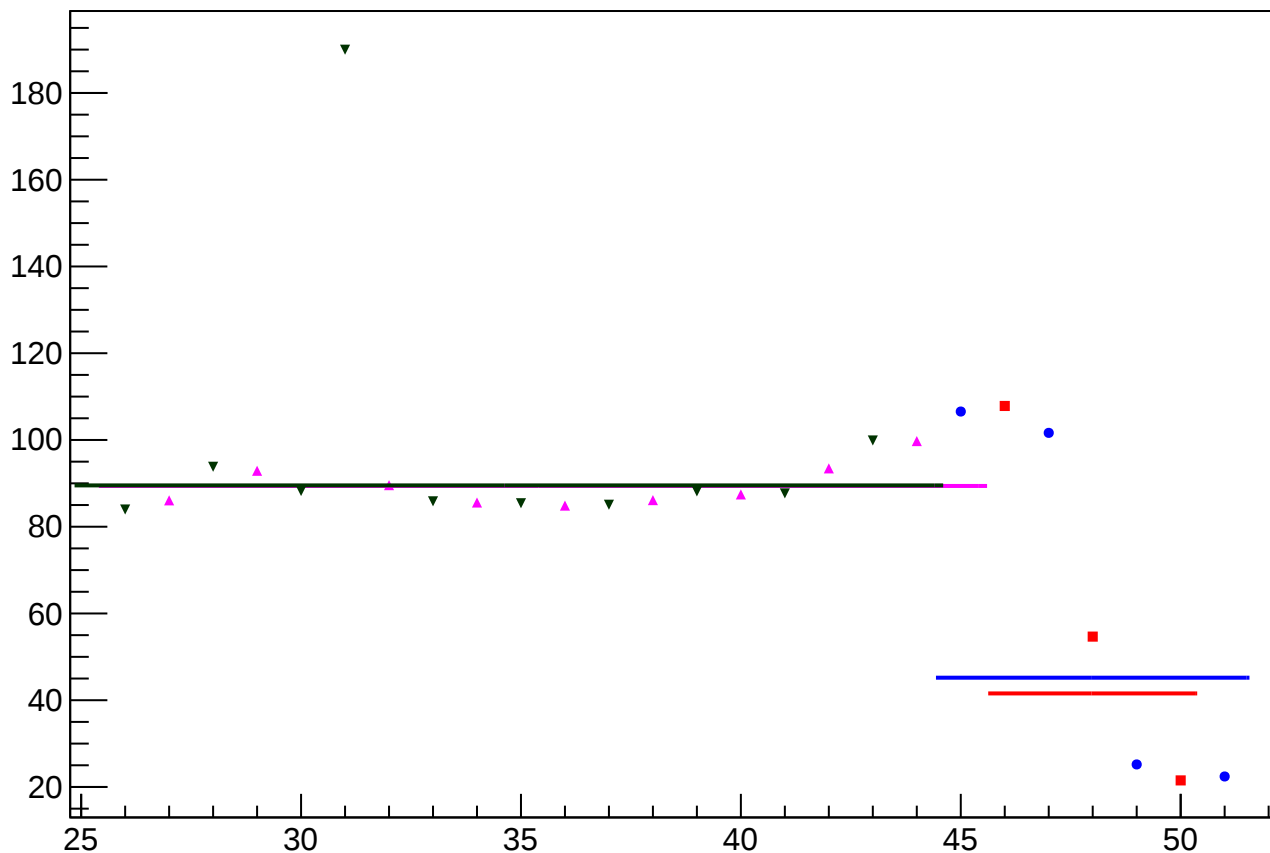
Right Out: -19.321 $\pm$ 0.392 χ^2 /NDF: 7.8/2

Left In: -20.446 $\pm$ 0.234 χ^2 /NDF: 882.7/8

-22.106 $\pm$ 0.207 χ^2 /NDF: 875.6/13

-20.149 $\pm$ 0.201 χ^2 /NDF: 896.6/11

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 45.193+/-0.061 χ^2/NDF : 315874.1/3

Left Out: 89.526+/-0.049 χ^2/NDF :54366.7/9

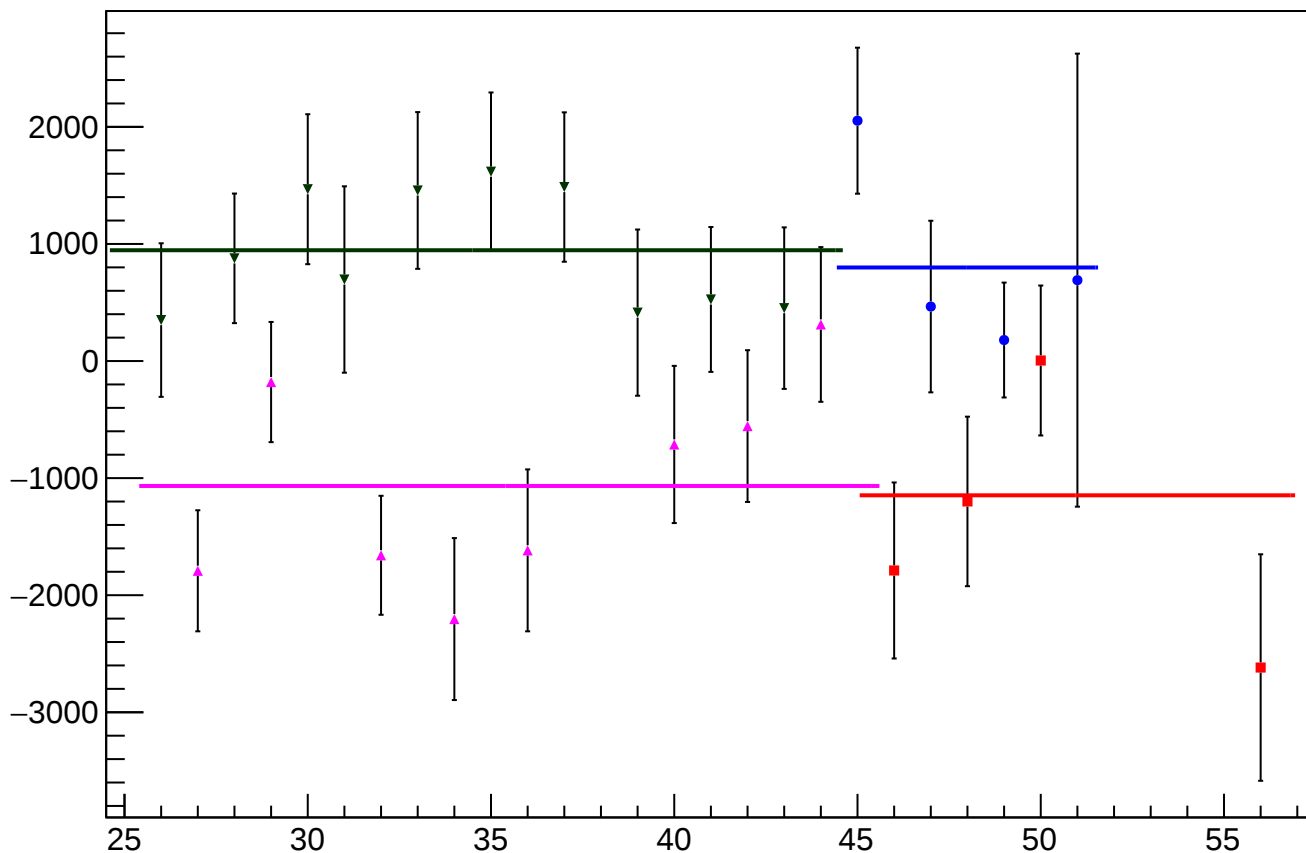
Right Out: 41.565+/-0.070 χ^2/NDF : 171417.1/2

Left In: 89.397+/-0.049 χ^2/NDF :7802.3/8

72.101+/-0.039 χ^2/NDF : 685722.5/13

73.751+/-0.040 χ^2/NDF : 491343.1/11

reg_asym_atl1_mean vs slug



Right In: 799.058 ± 336.053 χ^2/NDF : 5.8/3

Left Out: 946.354 ± 207.711 χ^2/NDF : 5.4/9

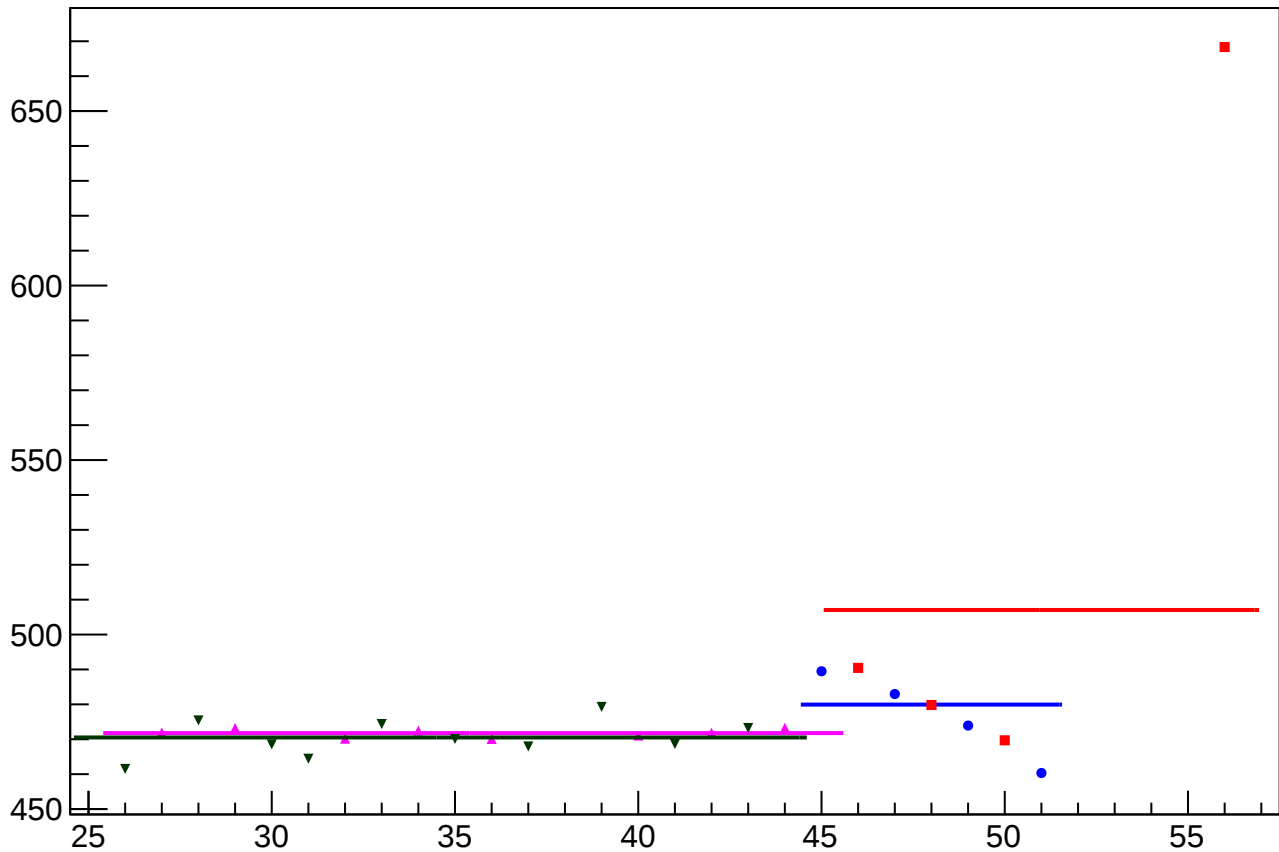
Right Out: -1146.832 ± 373.068 χ^2/NDF : 6.3/3

Left In: -1066.964 ± 210.912 χ^2/NDF : 14.9/7

905.637 ± 176.685 χ^2/NDF : 11.4/13

-1086.308 ± 183.602 χ^2/NDF : 21.2/11

reg_asym_atl1_rms vs slug



Right In: 479.933 ± 0.238 χ^2/NDF : 1008.1/3

Left Out: 470.514 ± 0.147 χ^2/NDF : 1122.3/9

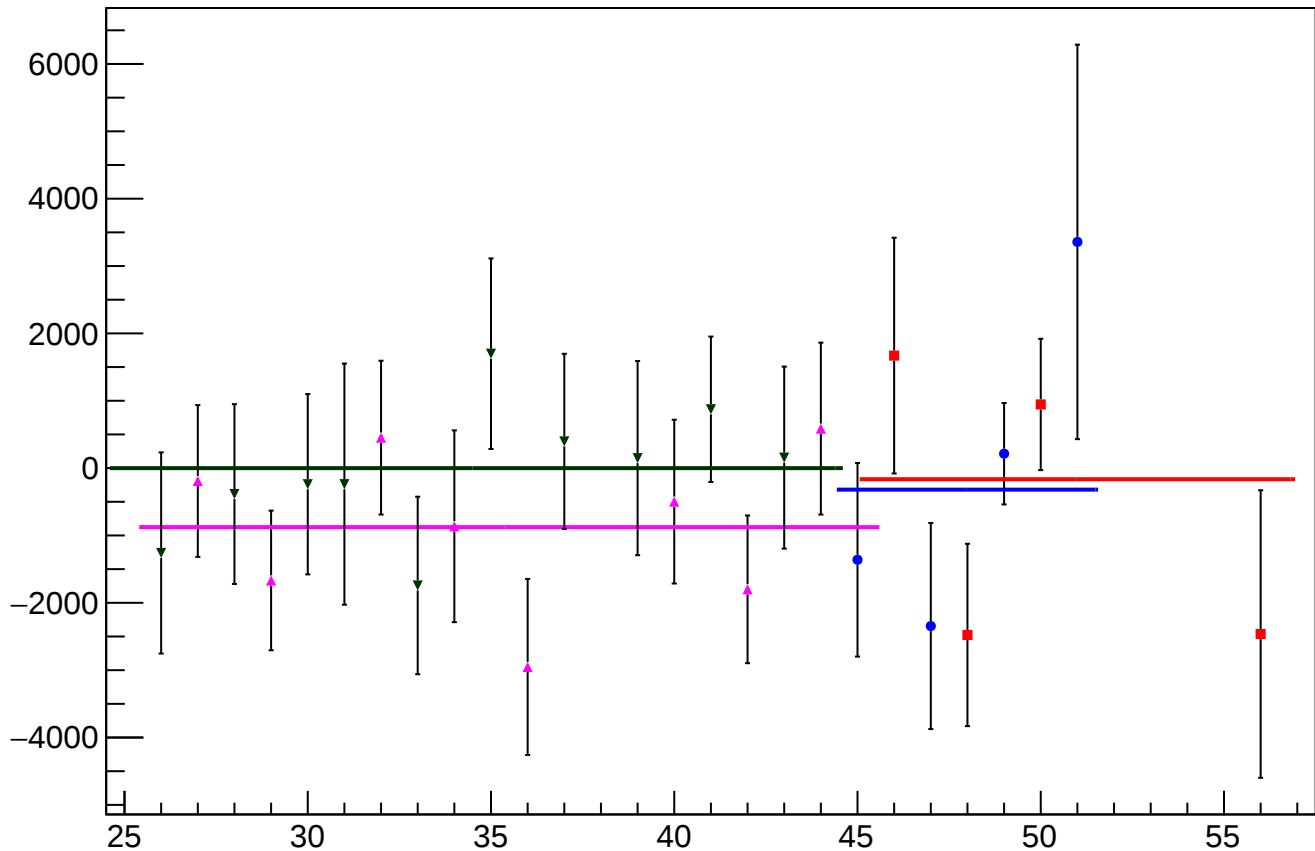
Right Out: 507.044 ± 0.264 χ^2/NDF : 66204.7/3

Left In: 471.772 ± 0.149 χ^2/NDF : 62.3/7

473.118 ± 0.125 χ^2/NDF : 3267.1/13

480.315 ± 0.130 χ^2/NDF : 79814.4/11

asym_atl1_correction_mean vs slug



Right In: -319.623 ± 598.519 χ^2/NDF : 4.4/3

Left Out: -0.504 ± 428.990 χ^2/NDF : 4.8/9

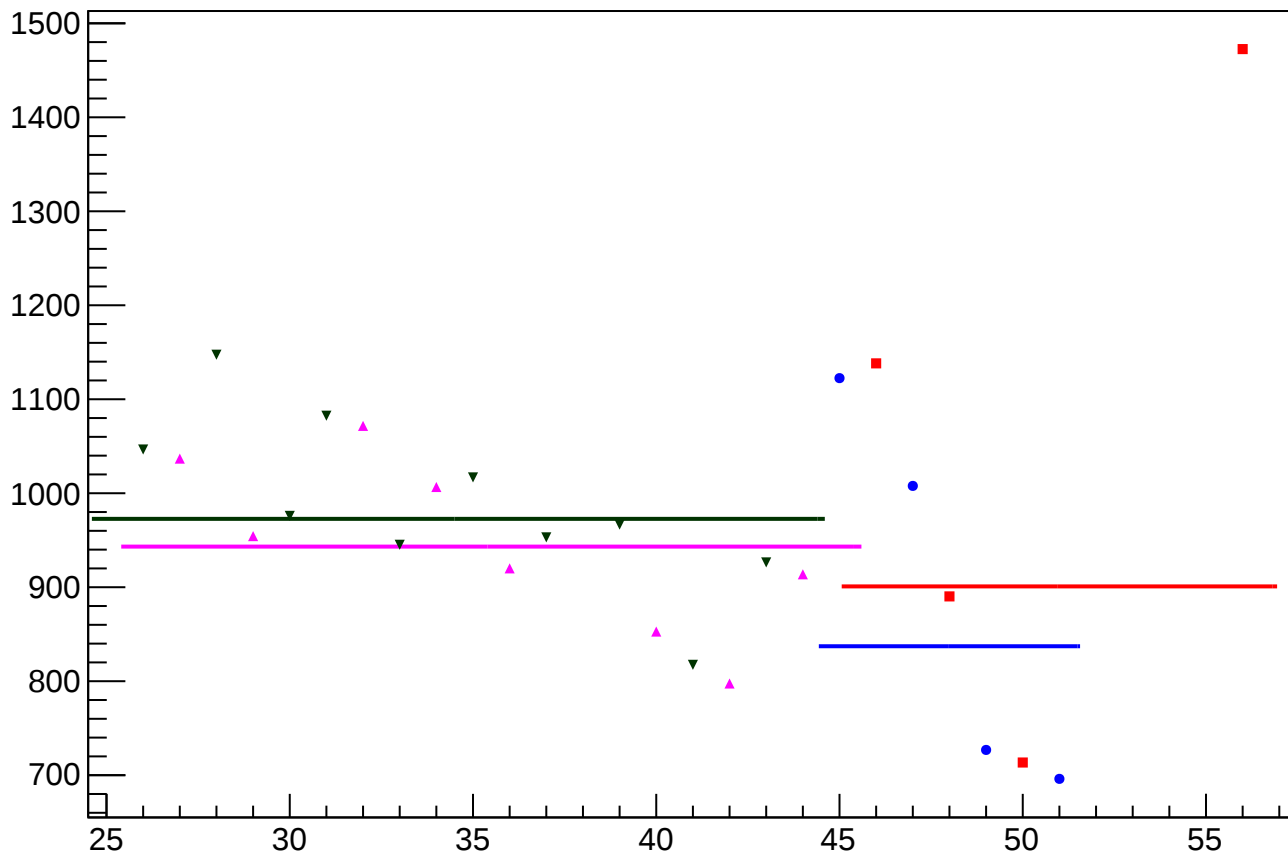
Right Out: -164.747 ± 682.914 χ^2/NDF : 6.5/3

Left In: -876.325 ± 419.386 χ^2/NDF : 6.9/7

-108.807 ± 348.676 χ^2/NDF : 9.4/13

-681.456 ± 357.376 χ^2/NDF : 14.2/11

asym_atl1_correction_rms vs slug



Right In: 837.197 ± 0.423 χ^2/NDF : 151230.0/3

Left Out: 972.740 ± 0.303 χ^2/NDF : 93722.9/9

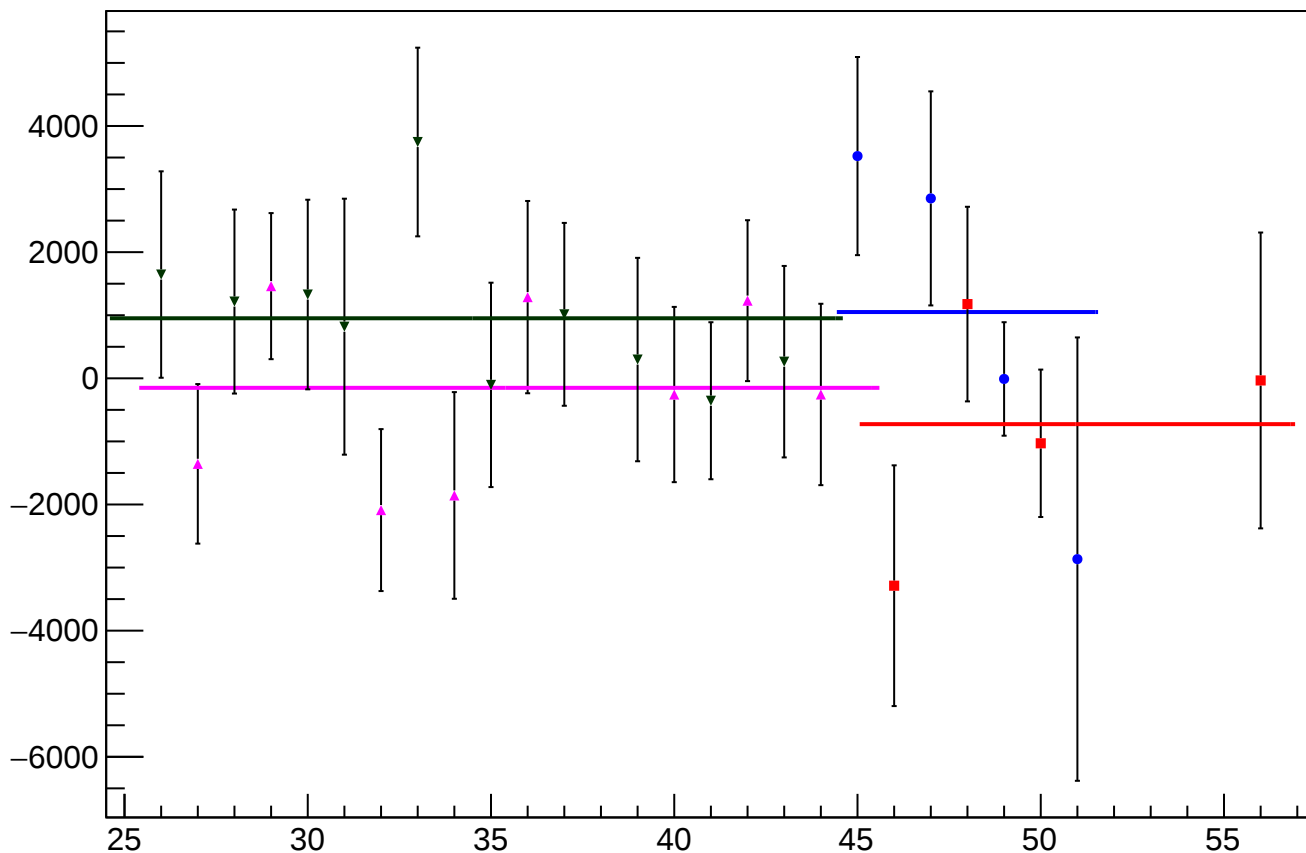
Right Out: 900.871 ± 0.483 χ^2/NDF : 254277.1/3

Left In: 943.222 ± 0.297 χ^2/NDF : 91364.0/7

926.739 ± 0.247 χ^2/NDF : 312713.6/13

931.624 ± 0.253 χ^2/NDF : 351226.7/11

asym_atl1_mean vs slug



Right In: 1050.793+/-695.098 χ^2/NDF : 6.2/3

Left Out: 951.884+/-482.337 χ^2/NDF : 5.7/9

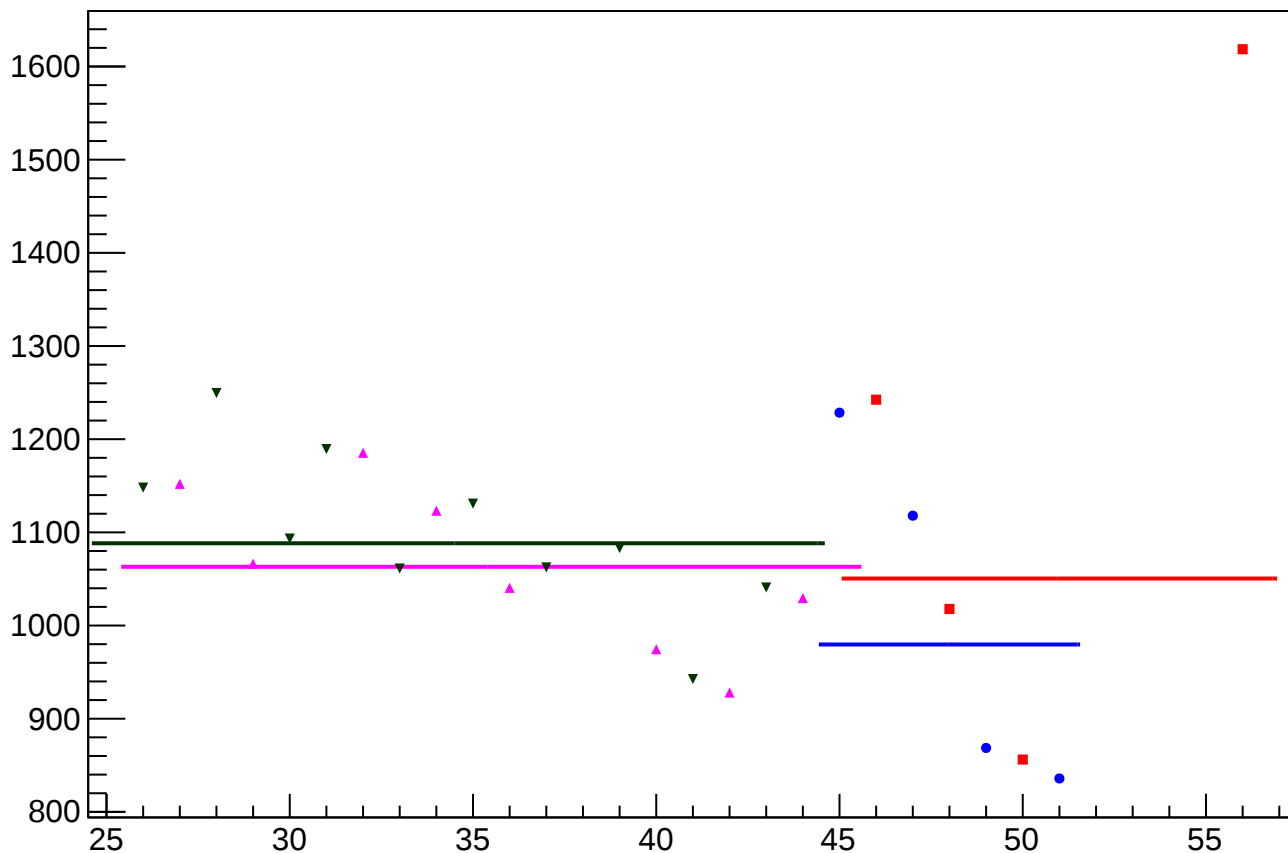
Right Out: -726.373+/-788.320 χ^2/NDF : 3.5/3

Left In: -150.701+/-476.838 χ^2/NDF : 8.3/7

984.031+/-396.276 χ^2/NDF : 11.9/13

-304.906+/-408.004 χ^2/NDF : 12.2/11

asym_atl1_rms vs slug



Right In: 979.668+/-0.492 χ^2/NDF : 97294.4/3

Left Out: 1088.294+/-0.341 χ^2/NDF : 64214.9/9

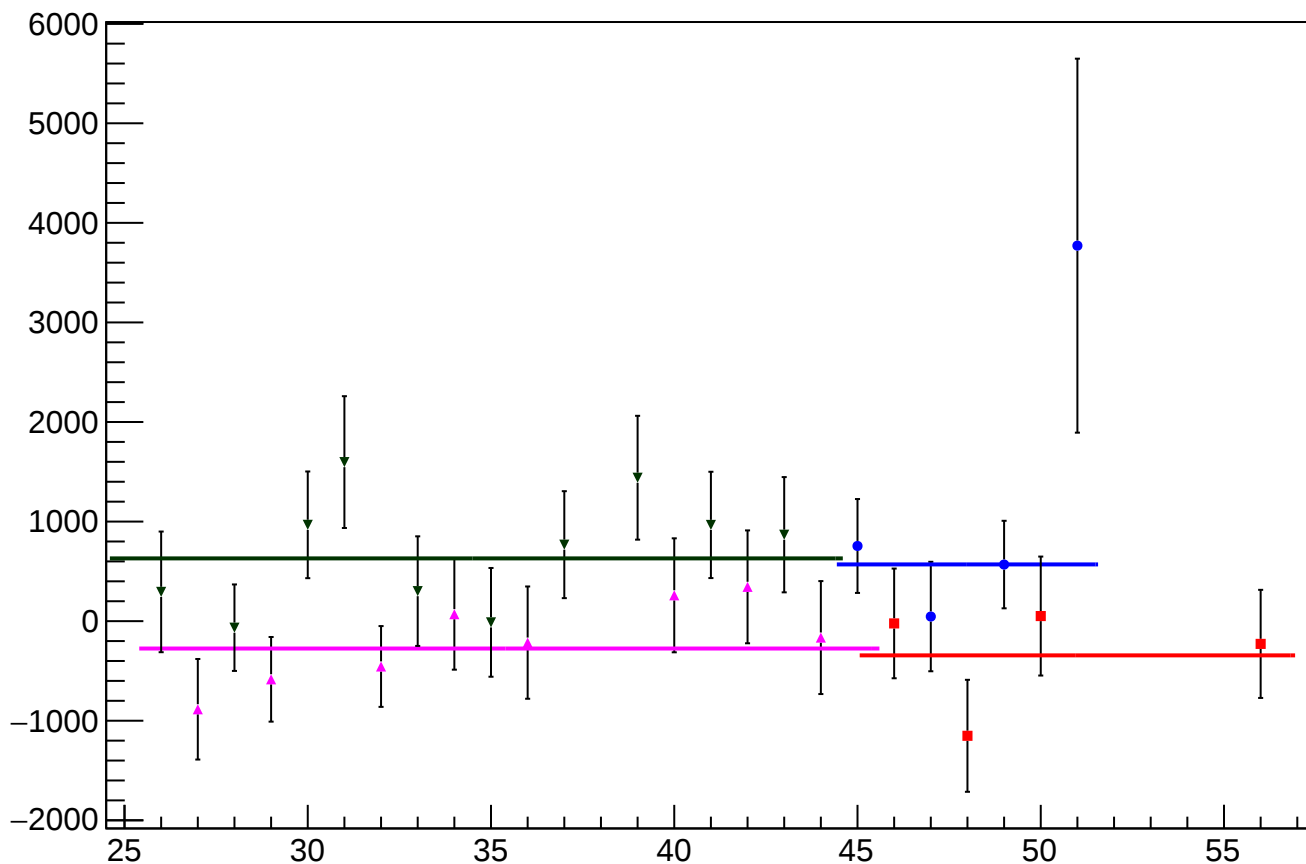
Right Out: 1050.467+/-0.557 χ^2/NDF : 193786.0/3

Left In: 1063.060+/-0.337 χ^2/NDF : 62842.0/7

1052.989+/-0.280 χ^2/NDF : 194478.1/13

1059.687+/-0.289 χ^2/NDF : 257001.7/11

reg_asym_atl2_mean vs slug



Right In: 569.804 $\pm$ 274.505 χ^2 /NDF: 4.0/3

Left Out: 630.254 $\pm$ 174.091 χ^2 /NDF: 9.5/9

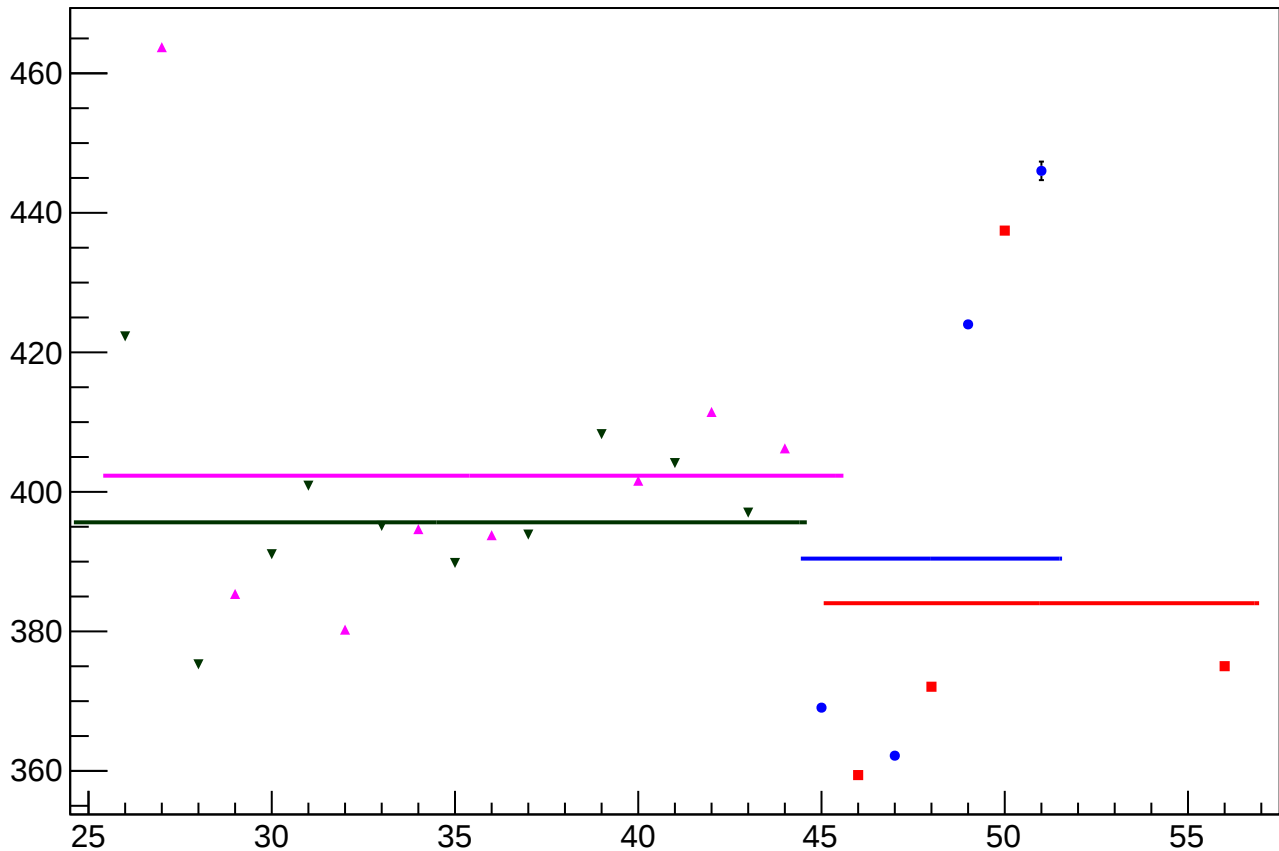
Right Out: -343.650 $\pm$ 281.114 χ^2 /NDF: 2.9/3

Left In: -274.945 $\pm$ 179.112 χ^2 /NDF: 4.7/7

612.914 $\pm$ 147.018 χ^2 /NDF: 13.5/13

-294.783 $\pm$ 151.056 χ^2 /NDF: 7.6/11

reg_asym_atl2_rms vs slug



Right In: 390.435+/-0.194 χ^2/NDF : 22818.1/3

Left Out: 395.636+/-0.123 χ^2/NDF : 10131.9/9

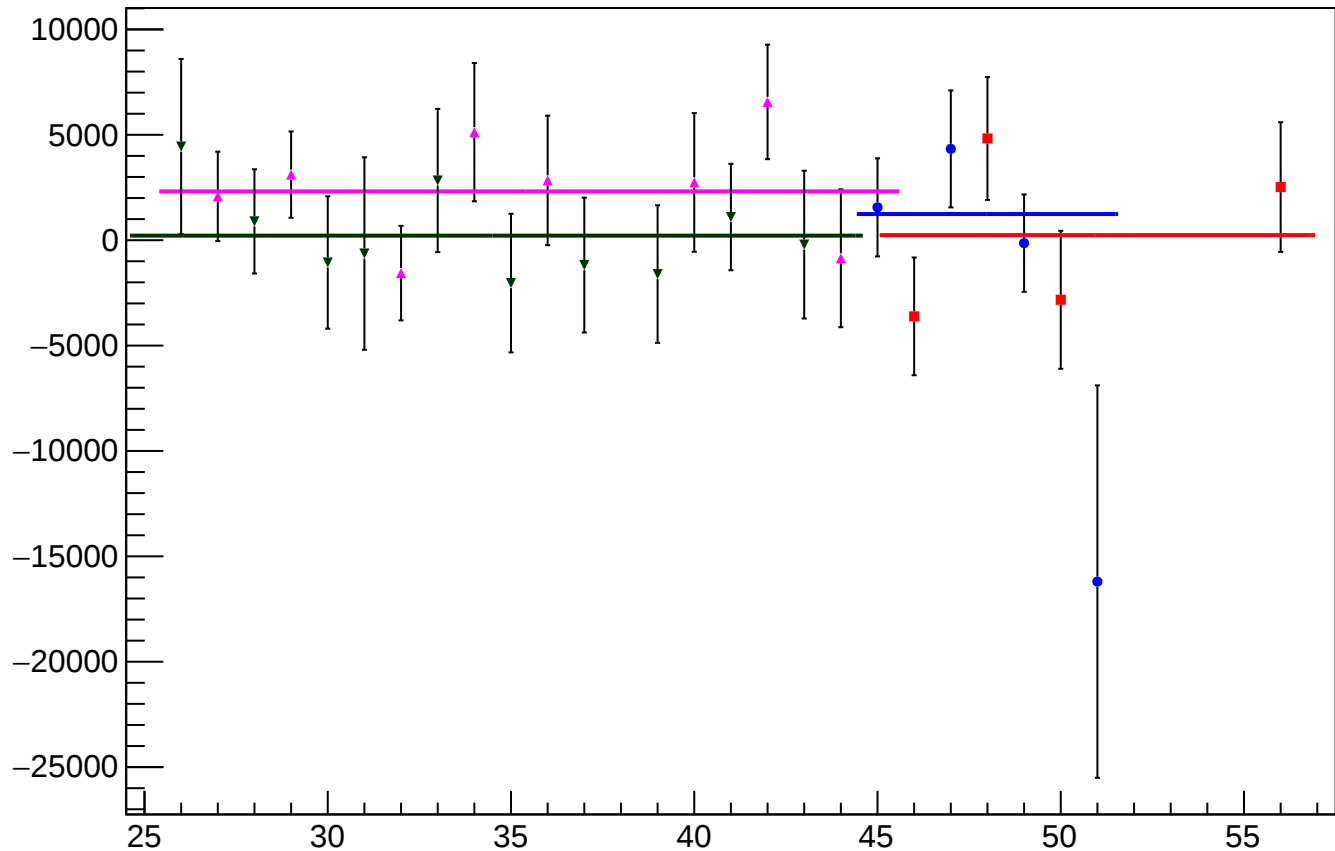
394.144+/-0.104 χ^2/NDF : 33462.1/13

Right Out: 384.041+/-0.199 χ^2/NDF : 21450.1/3

397.042+/-0.107 χ^2/NDF : 67611.8/11

Left In: 402.320+/-0.127 χ^2/NDF : 40146.8/7

asym_atl2_correction_mean vs slug



Right In: 1241.164+/-1396.171 χ^2/NDF : 5.1/3

Left Out: 216.258+/-1010.244 χ^2/NDF : 3.0/9

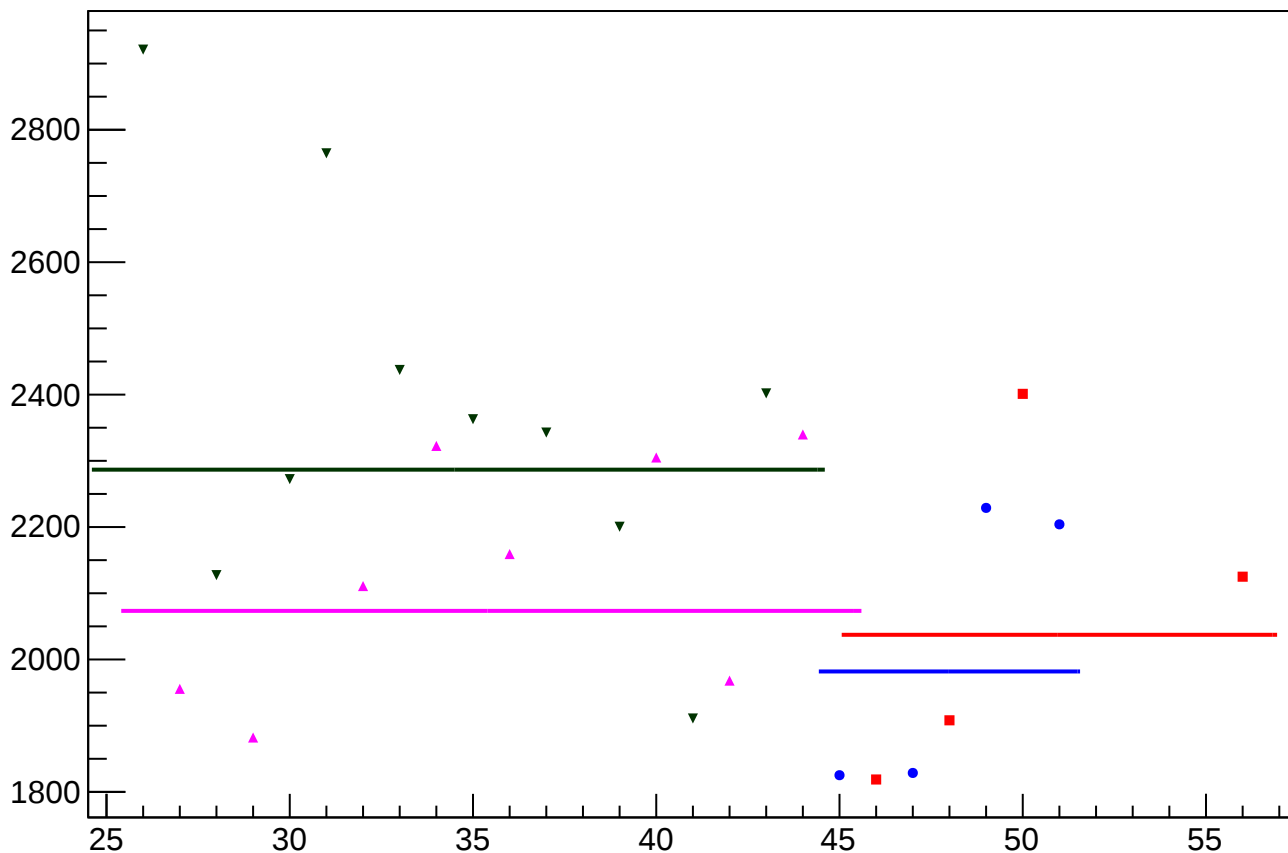
Right Out: 241.006+/-1499.483 χ^2/NDF : 5.8/3

Left In: 2315.339+/-920.569 χ^2/NDF : 7.3/7

568.464+/-818.455 χ^2/NDF : 8.5/13

1747.526+/-784.521 χ^2/NDF : 14.5/11

asym_atl2_correction_rms vs slug



Right In: 1981.899+/-0.987 χ^2/NDF : 39142.2/3

Left Out: 2286.677+/-0.714 χ^2/NDF : 130336.9/9

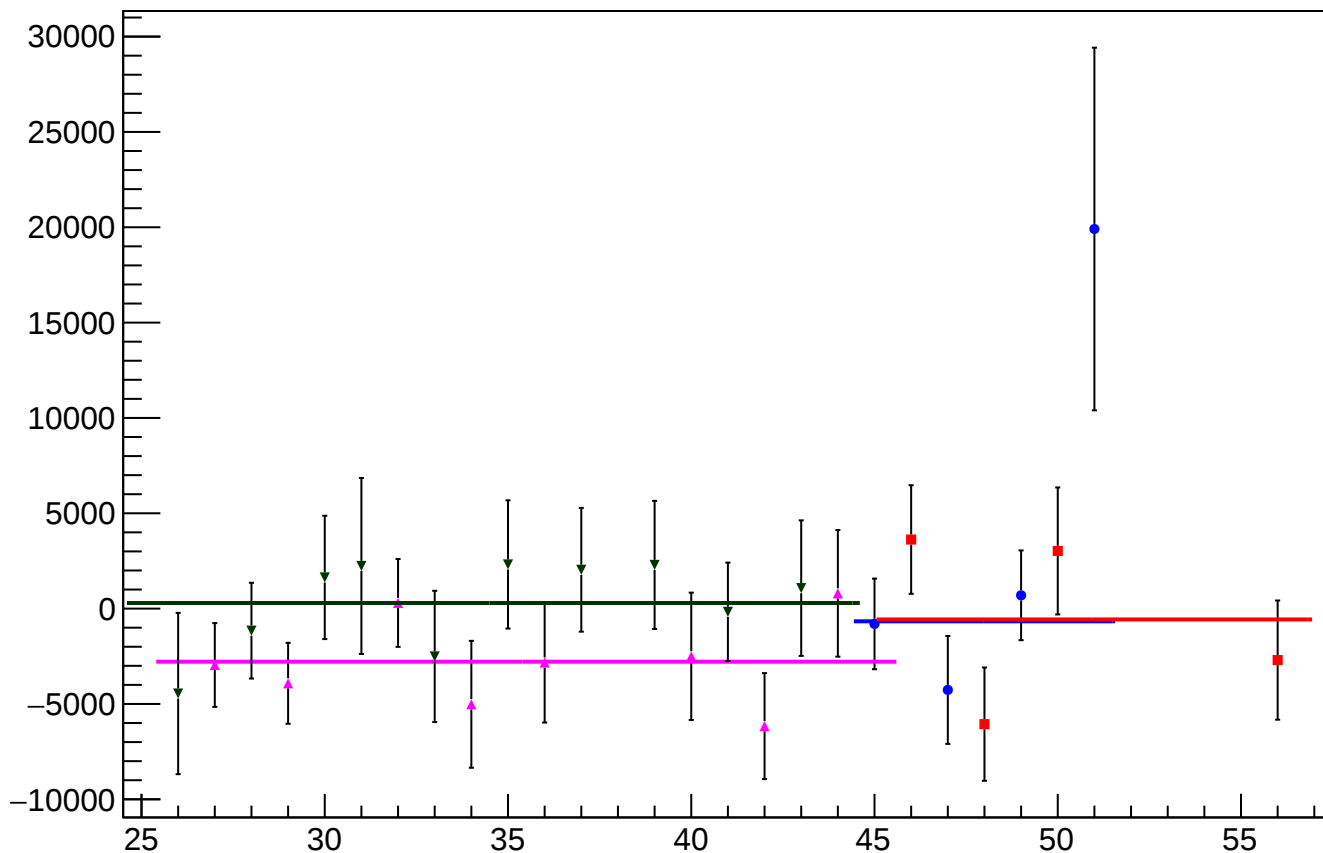
Right Out: 2037.266+/-1.060 χ^2/NDF : 42497.8/3

Left In: 2073.386+/-0.651 χ^2/NDF : 63457.3/7

2181.941+/-0.579 χ^2/NDF : 232033.6/13

2063.499+/-0.555 χ^2/NDF : 106797.9/11

asym_atl2_mean vs slug



Right In: -665.616+/-1423.301 χ^2/NDF : 6.6/3

Left Out: 296.079+/-1029.874 χ^2/NDF : 3.7/9

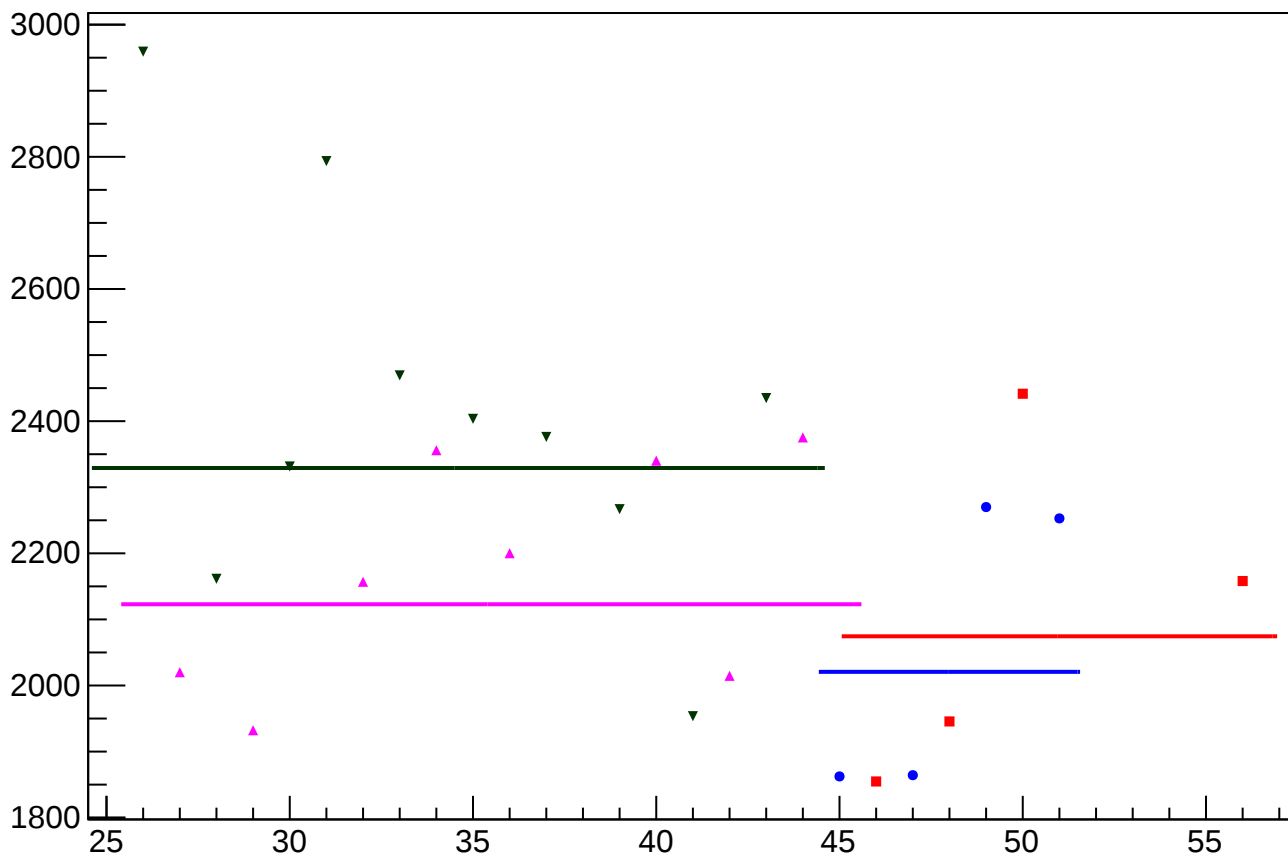
Right Out: -567.366+/-1526.367 χ^2/NDF : 7.2/3

Left In: -2784.125+/-945.556 χ^2/NDF : 5.2/7

-34.404+/-834.359 χ^2/NDF : 10.6/13

-2169.352+/-803.817 χ^2/NDF : 13.9/11

asym_atl2_rms vs slug



Right In: 2020.672+/-1.006 χ^2/NDF : 38621.2/3

Left Out: 2329.125+/-0.728 χ^2/NDF :123081.1/9

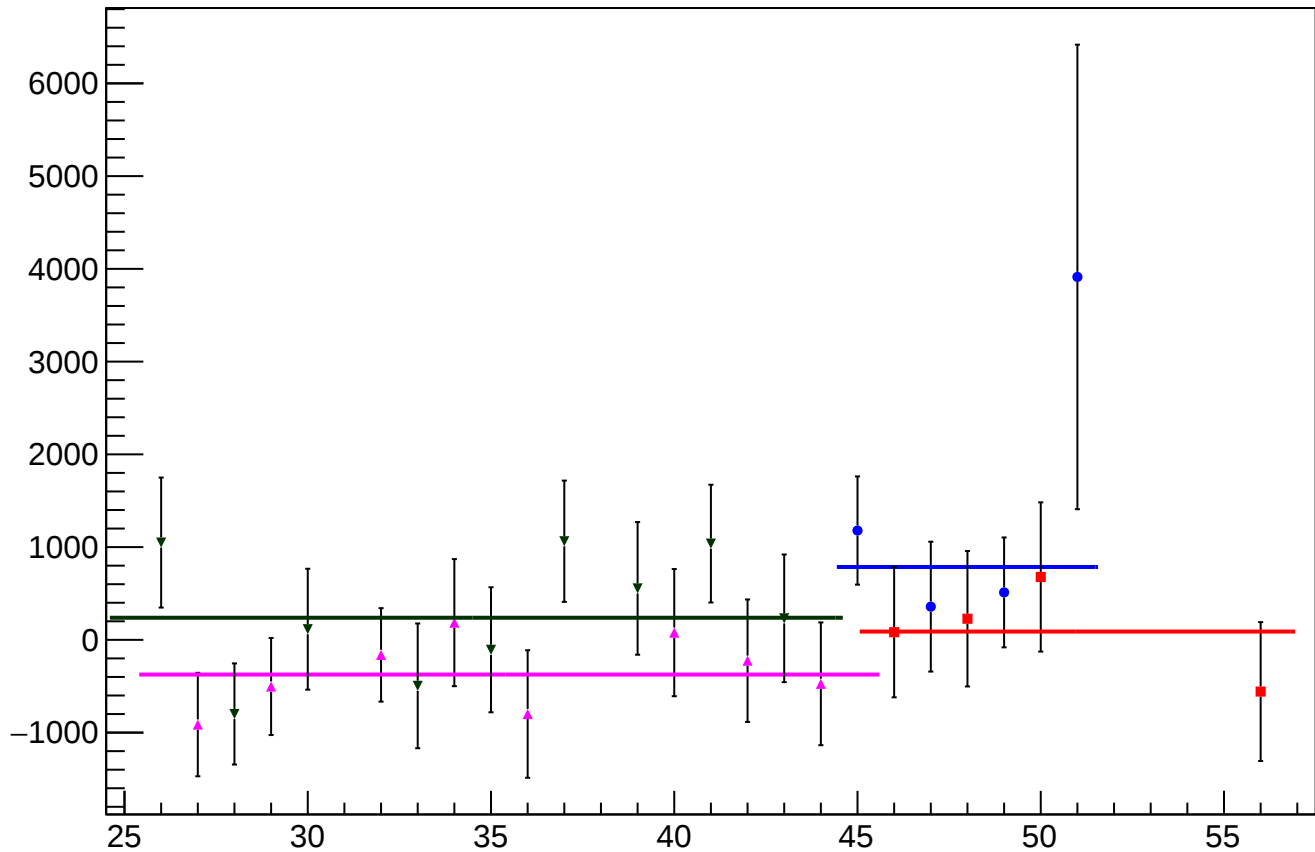
Right Out: 2074.451+/-1.079 χ^2/NDF : 41406.6/3

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2223.126+/-0.590 χ^2/NDF : 223355.0/13

2109.495+/-0.568 χ^2/NDF : 97902.5/11

reg_asym_atr1_mean vs slug



Right In: 785.727 ± 353.836 χ^2/NDF : 2.6/3

Left Out: 238.372 ± 217.936 χ^2/NDF : 9.8/8

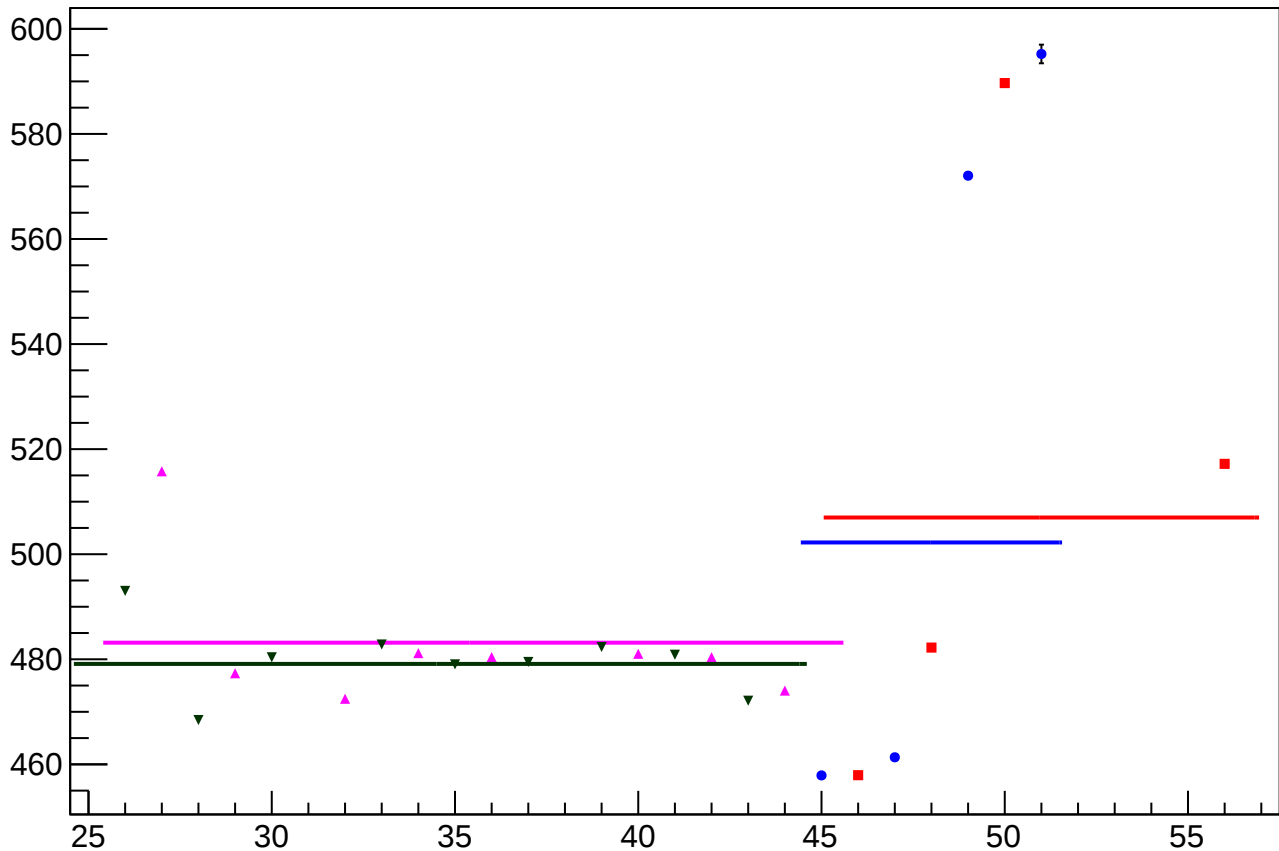
Right Out: 89.438 ± 371.796 χ^2/NDF : 1.3/3

Left In: -374.119 ± 214.392 χ^2/NDF : 2.7/7

388.910 ± 185.562 χ^2/NDF : 14.2/12

-258.444 ± 185.726 χ^2/NDF : 5.2/11

reg_asym_atr1_rms vs slug



Right In: 502.237 $\pm$ 0.250 χ^2 /NDF: 48909.3/3

Left Out: 479.120 $\pm$ 0.154 χ^2 /NDF:1886.5/8

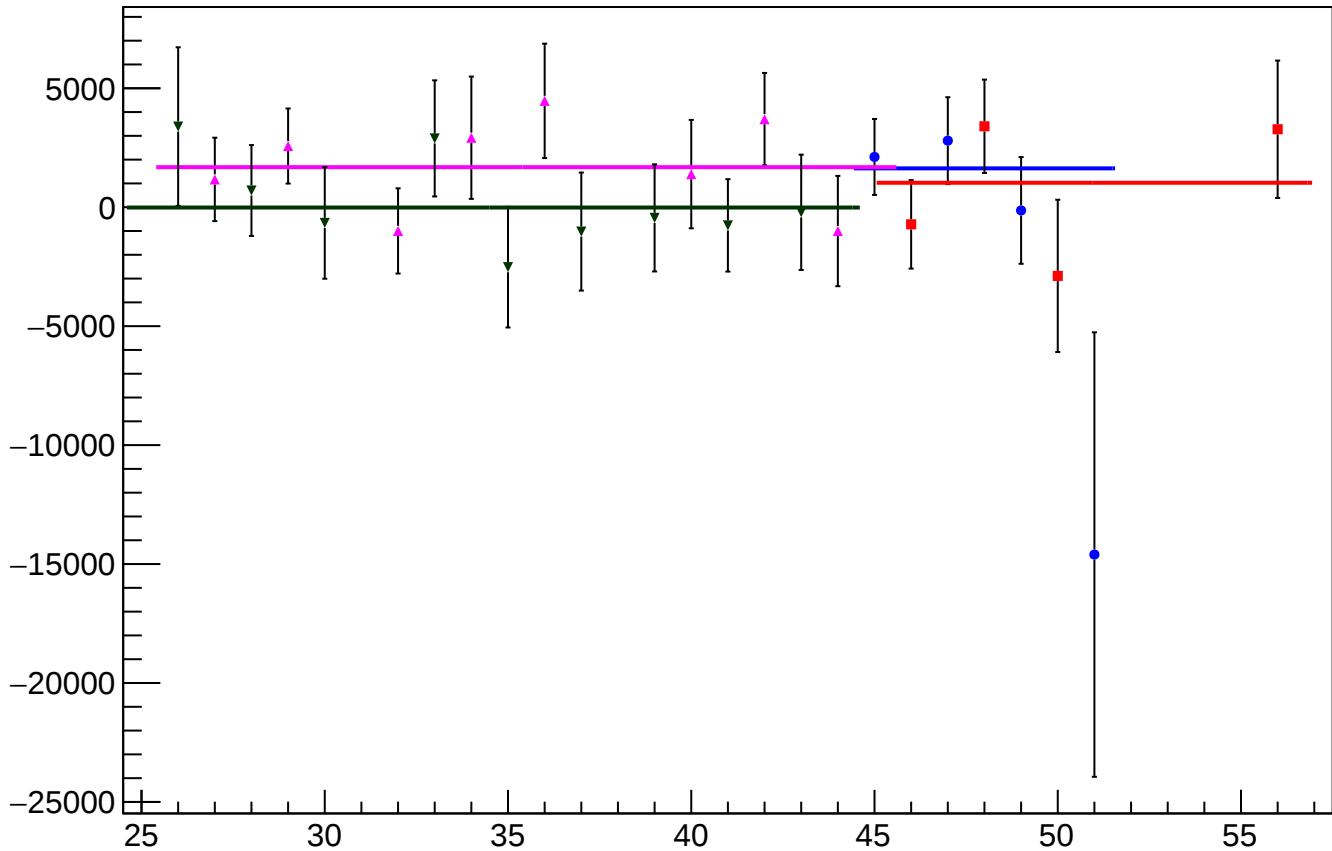
Right Out: 506.985 $\pm$ 0.263 χ^2 /NDF: 33560.7/3

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF:8470.0/7

485.477 $\pm$ 0.131 χ^2 /NDF: 56985.0/12

489.105 $\pm$ 0.131 χ^2 /NDF: 48193.9/11

asym_atr1_correction_mean vs slug



Right In: 1632.698 ± 1052.403 χ^2/NDF : 4.1/3

Left Out: -13.564 ± 775.077 χ^2/NDF : 4.0/8

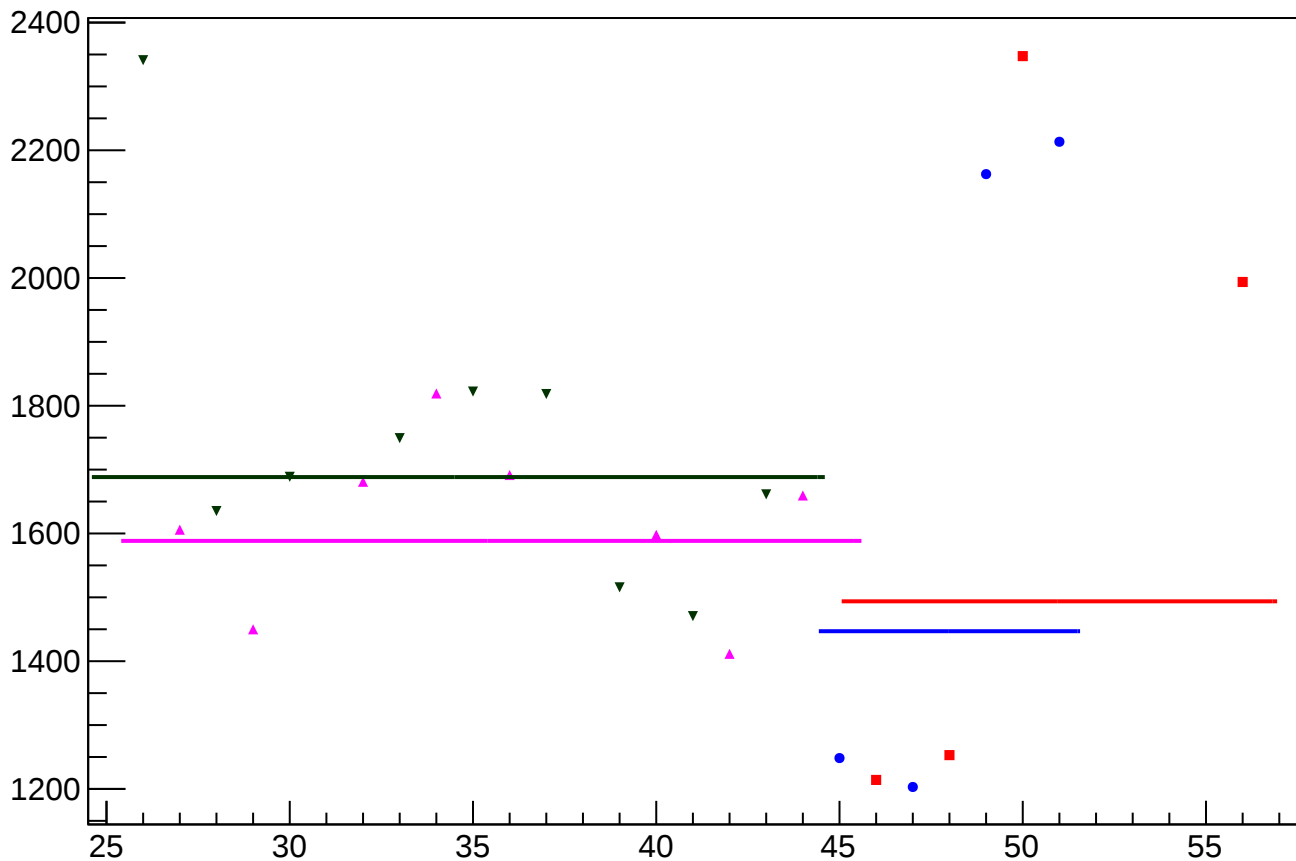
Right Out: 1027.872 ± 1142.446 χ^2/NDF : 4.4/3

Left In: 1683.939 ± 705.940 χ^2/NDF : 6.7/7

565.365 ± 624.087 χ^2/NDF : 9.7/12

1502.655 ± 600.539 χ^2/NDF : 11.3/11

asym_atr1_correction_rms vs slug



Right In: 1446.956+/-0.744 χ^2/NDF : 283891.1/3

Left Out: 1688.324+/-0.548 χ^2/NDF :127706.3/8

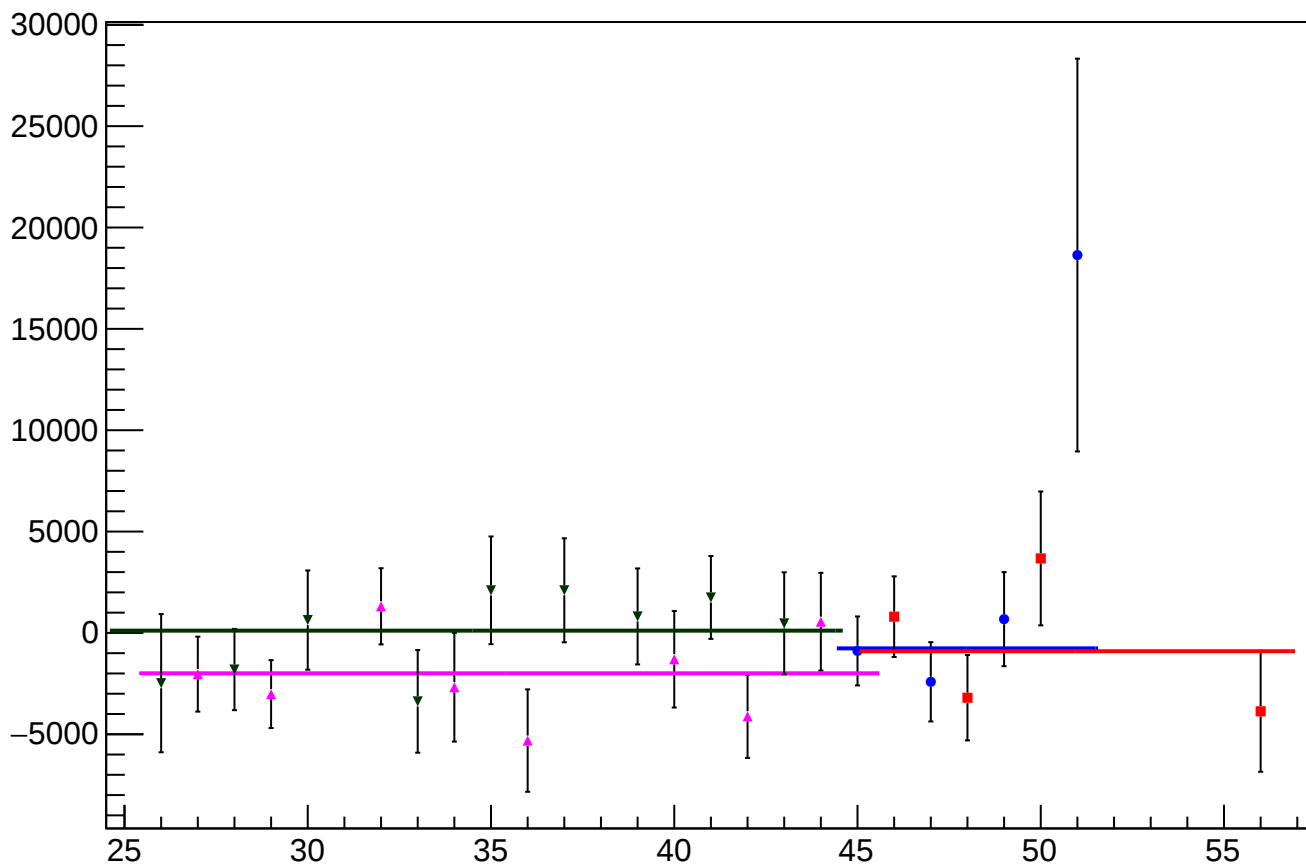
1603.444+/-0.441 χ^2/NDF : 479804.3/12

Right Out: 1493.749+/-0.808 χ^2/NDF : 277580.6/3

1562.240+/-0.425 χ^2/NDF : 346741.2/11

Left In: 1588.391+/-0.499 χ^2/NDF :59227.6/7

asym_atr1_mean vs slug



Right In: -762.550 ± 1115.594 χ^2/NDF : 5.1/3

Left Out: 112.152 ± 809.295 χ^2/NDF : 5.4/8

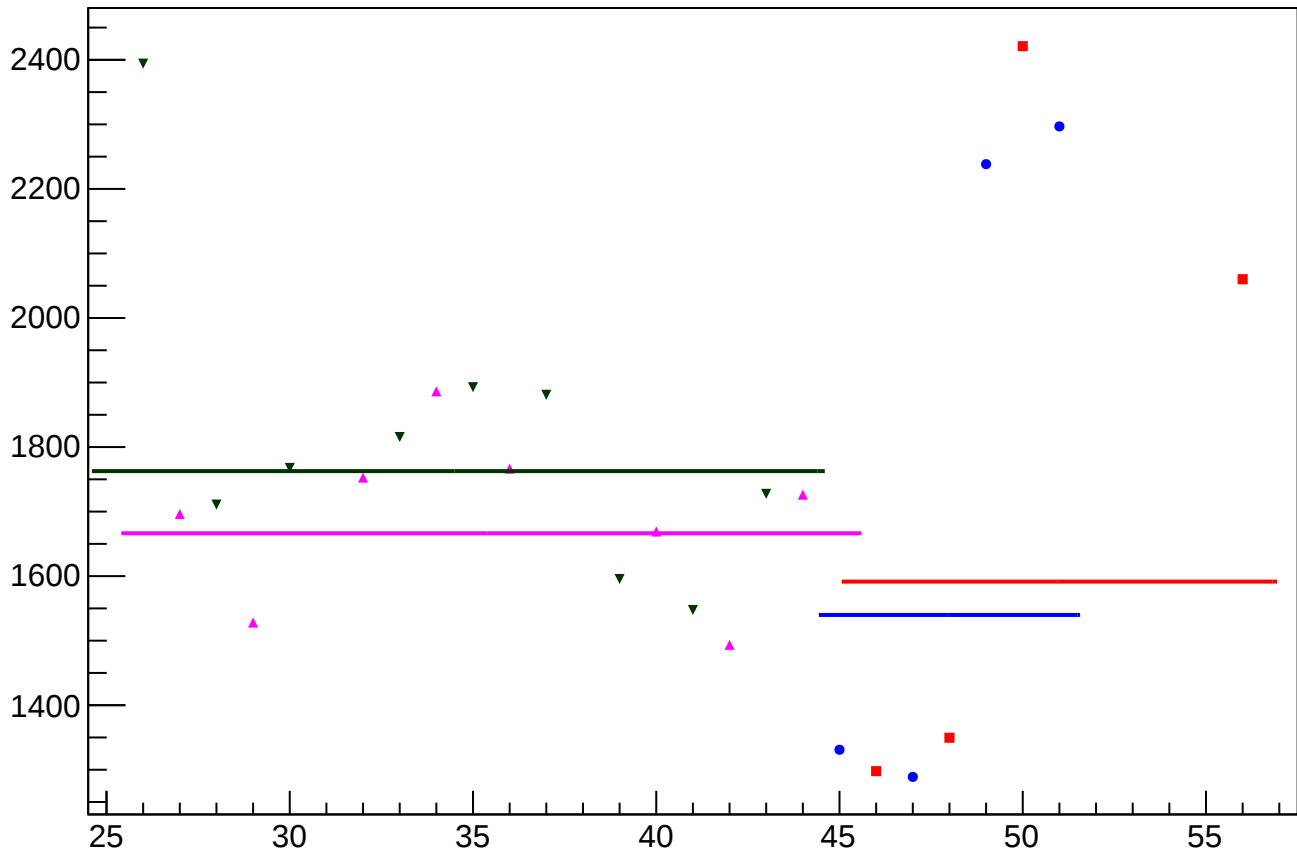
Right Out: -903.341 ± 1210.491 χ^2/NDF : 4.8/3

Left In: -1991.664 ± 742.563 χ^2/NDF : 7.5/7

-189.449 ± 655.077 χ^2/NDF : 10.9/12

-1694.096 ± 632.959 χ^2/NDF : 12.9/11

asym_atr1_rms vs slug



Right In: 1539.861+/-0.789 χ^2/NDF : 256555.5/3

Left Out: 1762.716+/-0.572 χ^2/NDF :112433.4/8

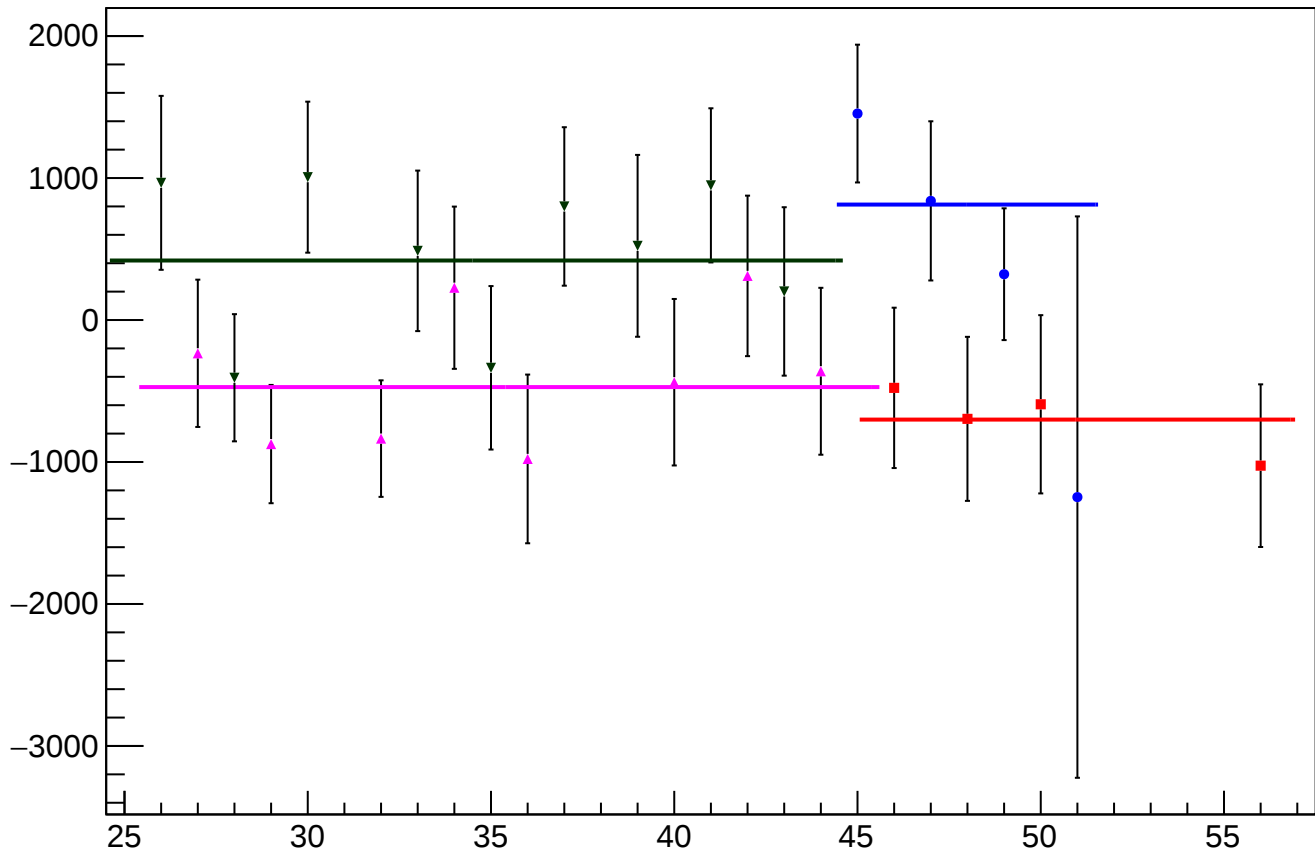
1685.875+/-0.463 χ^2/NDF : 421280.7/12

Right Out: 1591.515+/-0.856 χ^2/NDF : 245674.7/3

1645.951+/-0.448 χ^2/NDF : 301599.8/11

Left In: 1666.436+/-0.525 χ^2/NDF :50358.5/7

reg_asym_atr2_mean vs slug



Right In: 813.117 $\pm$ 284.794 χ^2/NDF : 3.9/3

Left Out: 419.150 $\pm$ 185.000 χ^2/NDF : 8.7/8

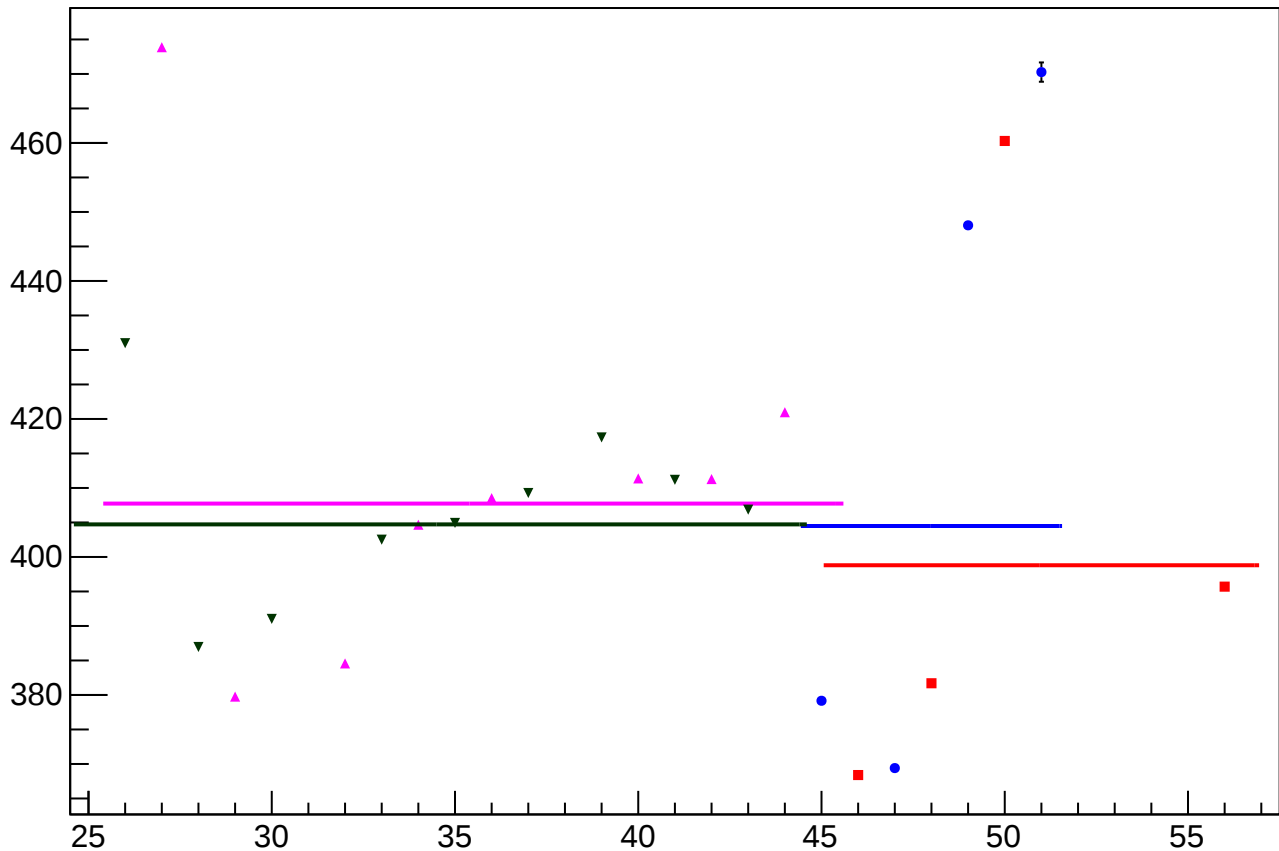
Right Out: -701.271 $\pm$ 292.125 χ^2/NDF : 0.5/3

Left In: -472.383 $\pm$ 181.829 χ^2/NDF : 6.1/7

536.060 $\pm$ 155.141 χ^2/NDF : 14.0/12

-536.299 $\pm$ 154.369 χ^2/NDF : 7.1/11

reg_asym_atr2_rms vs slug



Right In: 404.488 ± 0.201 χ^2/NDF : 33134.2/3

Left Out: 404.722 ± 0.131 χ^2/NDF : 9396.7/8

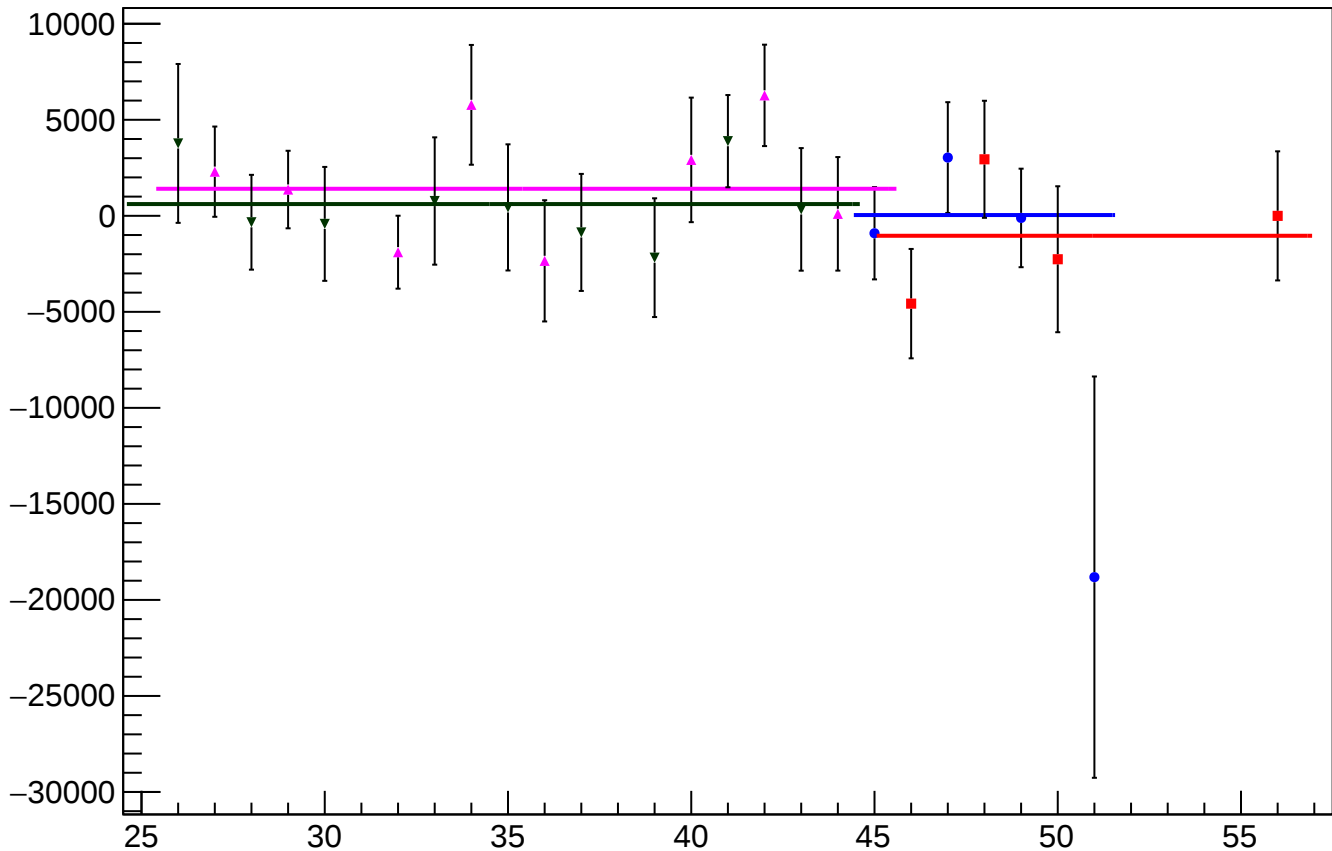
Right Out: 398.800 ± 0.207 χ^2/NDF : 26799.6/3

Left In: 407.737 ± 0.129 χ^2/NDF : 49136.5/7

404.652 ± 0.110 χ^2/NDF : 42531.9/12

405.241 ± 0.109 χ^2/NDF : 77285.3/11

asym_atr2_correction_mean vs slug



Right In: 40.318 $\pm$ 1483.274 χ^2 /NDF: 4.5/3

Left Out: 611.983 $\pm$ 998.079 χ^2 /NDF: 3.8/8

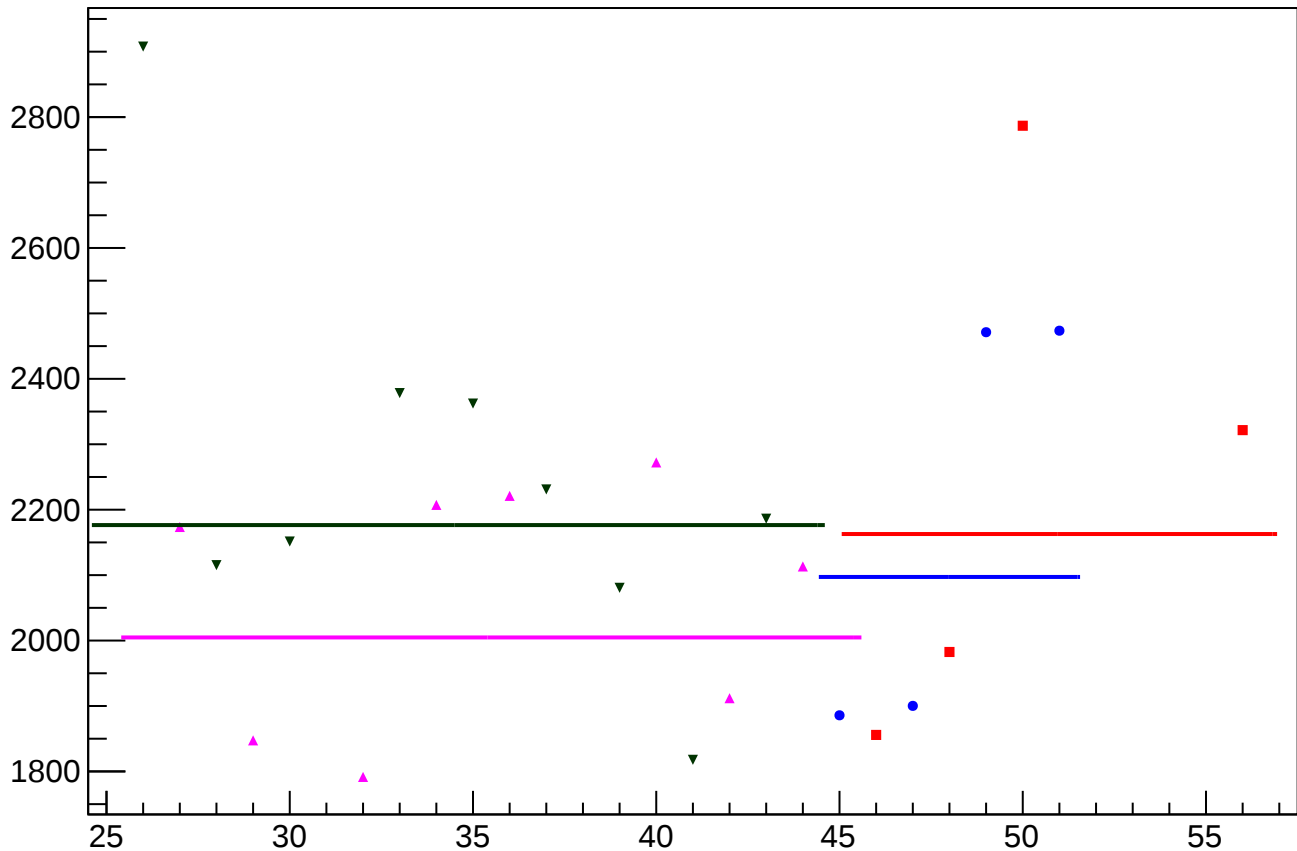
433.815 $\pm$ 828.066 χ^2 /NDF: 8.4/12

Right Out: -1038.953 $\pm$ 1603.918 χ^2 /NDF: 3.4/3

831.122 $\pm$ 778.809 χ^2 /NDF: 15.6/11

Left In: 1408.067 $\pm$ 890.882 χ^2 /NDF: 10.3/7

asym_atr2_correction_rms vs slug



Right In: 2097.215+/-1.049 χ^2/NDF : 69940.6/3

Left Out: 2176.497+/-0.706 χ^2/NDF :124899.3/8

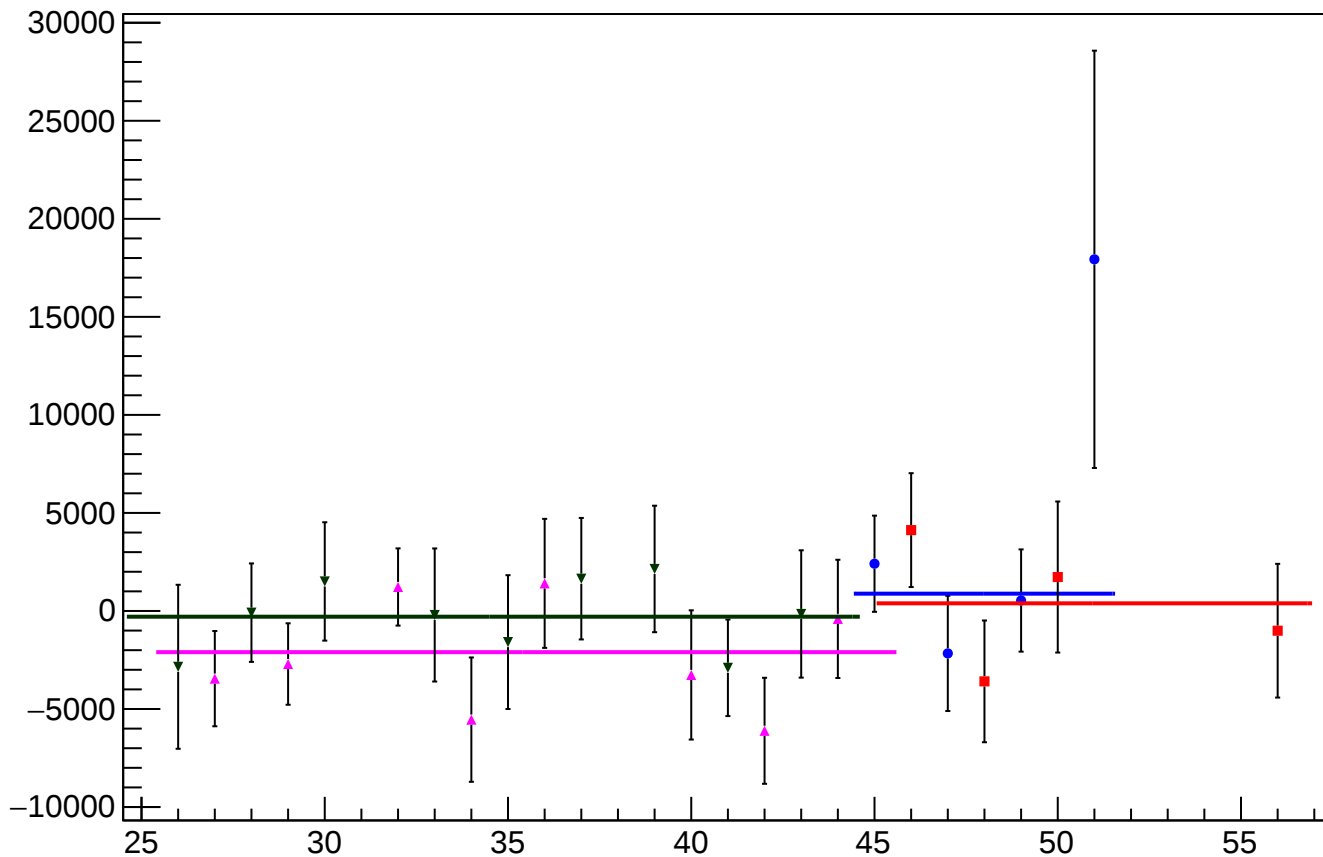
Right Out: 2162.817+/-1.134 χ^2/NDF : 88633.6/3

Left In: 2004.754+/-0.630 χ^2/NDF :84278.5/7

2151.787+/-0.586 χ^2/NDF : 198772.9/12

2042.021+/-0.551 χ^2/NDF : 187756.0/11

asym_atr2_mean vs slug



Right In: 882.435+/-1511.128 χ^2/NDF : 4.0/3

Left Out: -292.554+/-1021.514 χ^2/NDF : 3.0/8

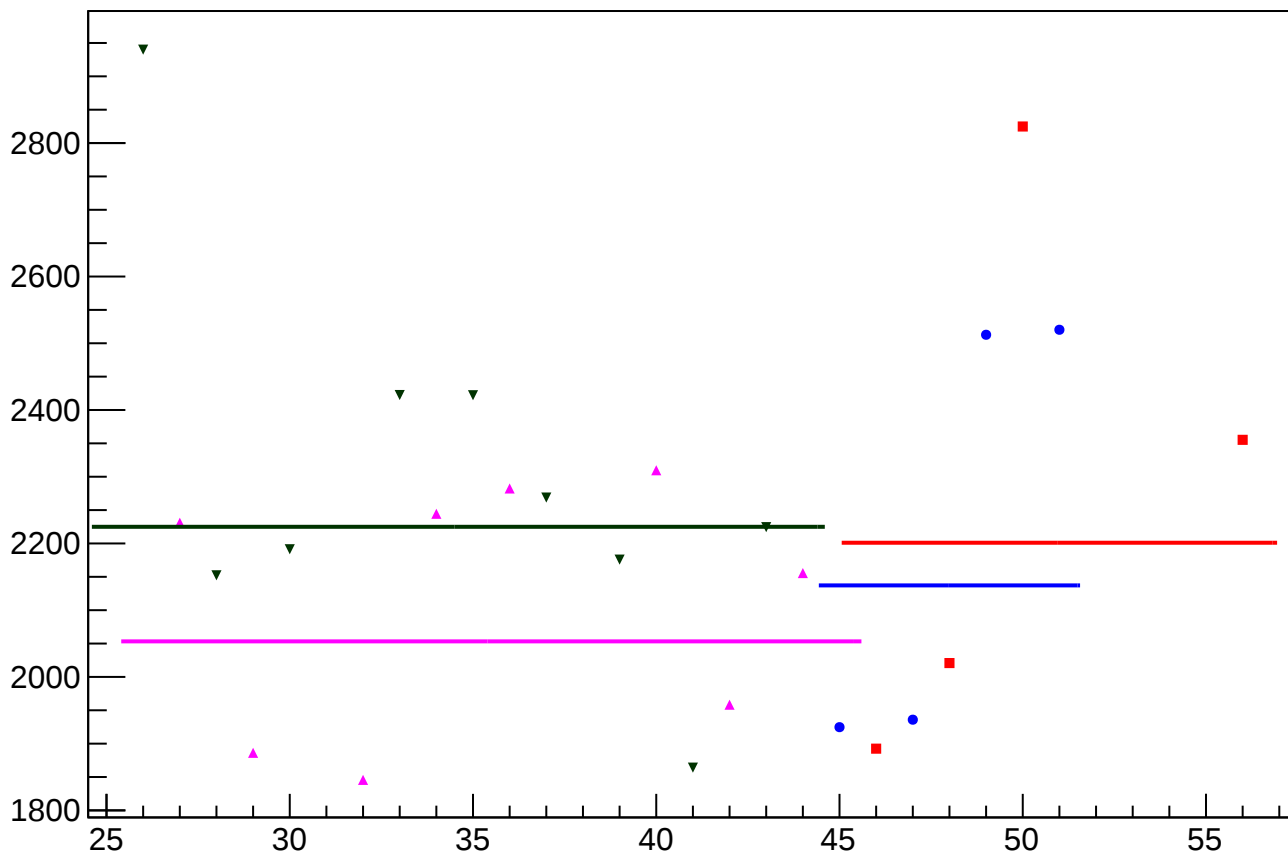
Right Out: 389.907+/-1631.382 χ^2/NDF : 3.6/3

Left In: -2100.632+/-916.751 χ^2/NDF : 8.2/7

75.974+/-846.290 χ^2/NDF : 7.4/12

-1502.909+/-799.206 χ^2/NDF : 13.6/11

asym_atr2_rms vs slug



Right In: 2137.142+/-1.069 χ^2/NDF : 68467.7/3

Left Out: 2224.962+/-0.722 χ^2/NDF :117664.9/8

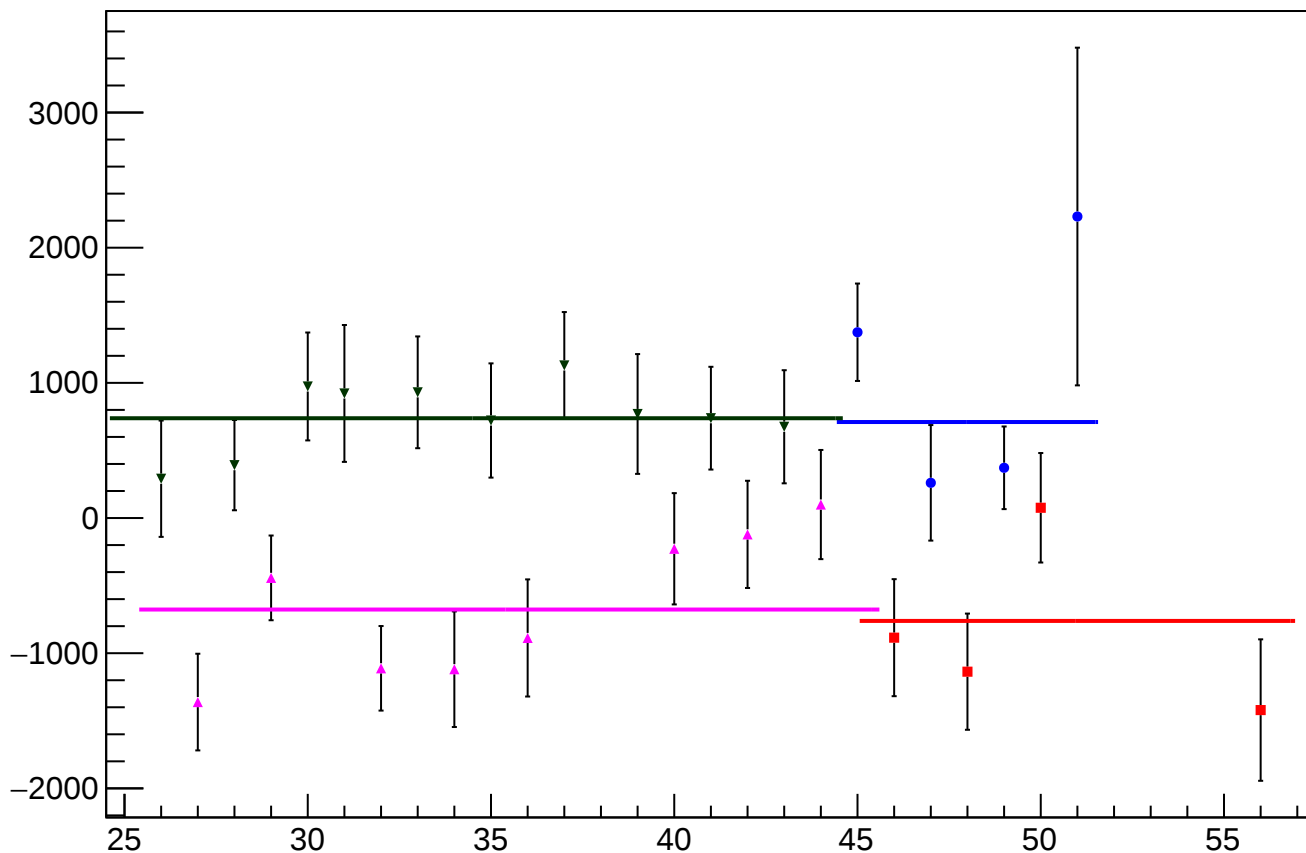
Right Out: 2201.075+/-1.154 χ^2/NDF : 85870.8/3

Left In: 2053.263+/-0.648 χ^2/NDF :79708.2/7

2197.418+/-0.598 χ^2/NDF : 190768.7/12

2088.737+/-0.565 χ^2/NDF : 178057.3/11

reg_asym_atl_avg_mean vs slug



Right In: 710.321+/-201.938 χ^2/NDF : 7.2/3

Left Out: 738.316+/-128.954 χ^2/NDF : 3.9/9

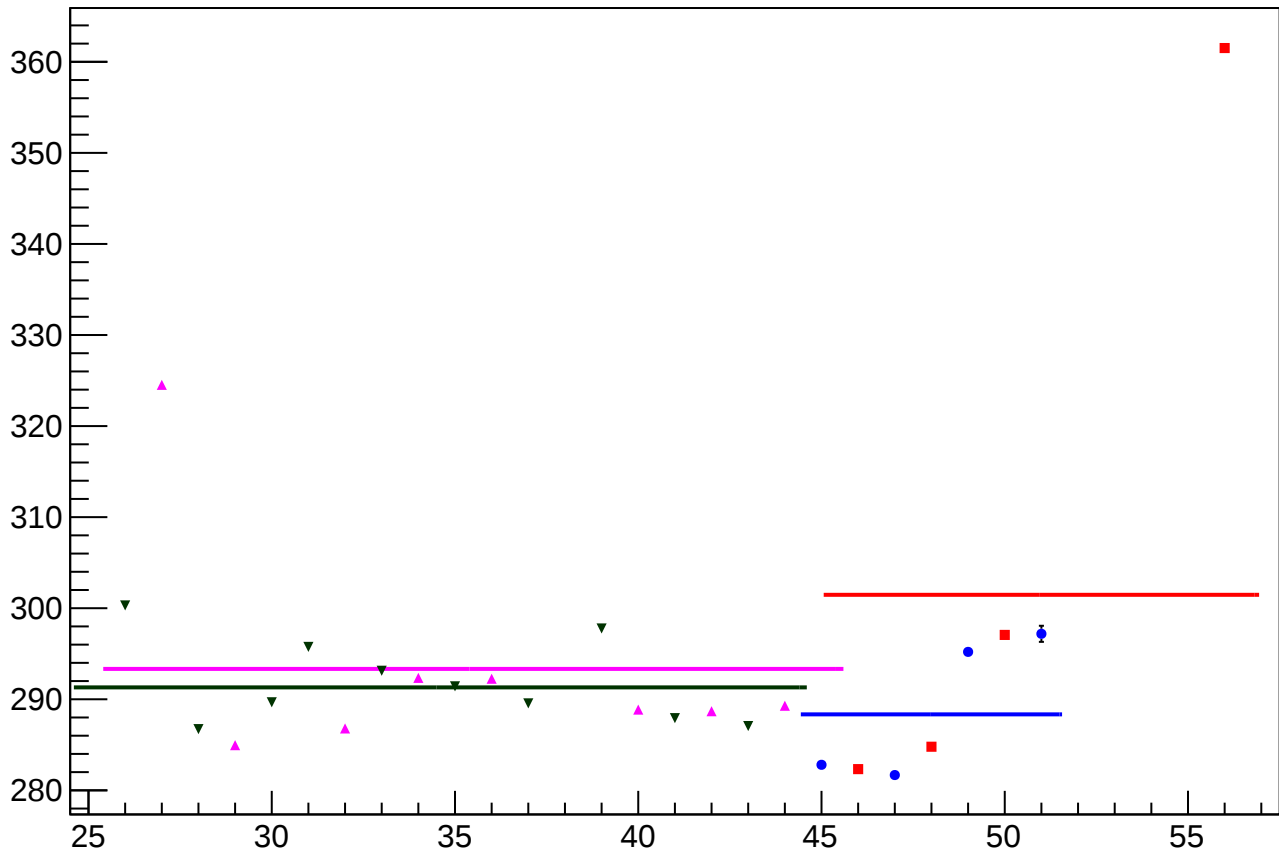
Right Out: -761.200+/-220.873 χ^2/NDF : 6.7/3

Left In: -676.938+/-131.978 χ^2/NDF : 14.3/7

730.207+/-108.684 χ^2/NDF : 11.1/13

-699.108+/-113.293 χ^2/NDF : 21.1/11

reg_asym_atl_avg_rms vs slug



Right In: 288.343 ± 0.143 χ^2/NDF : 2067.1/3

Left Out: 291.305 ± 0.091 χ^2/NDF : 2308.5/9

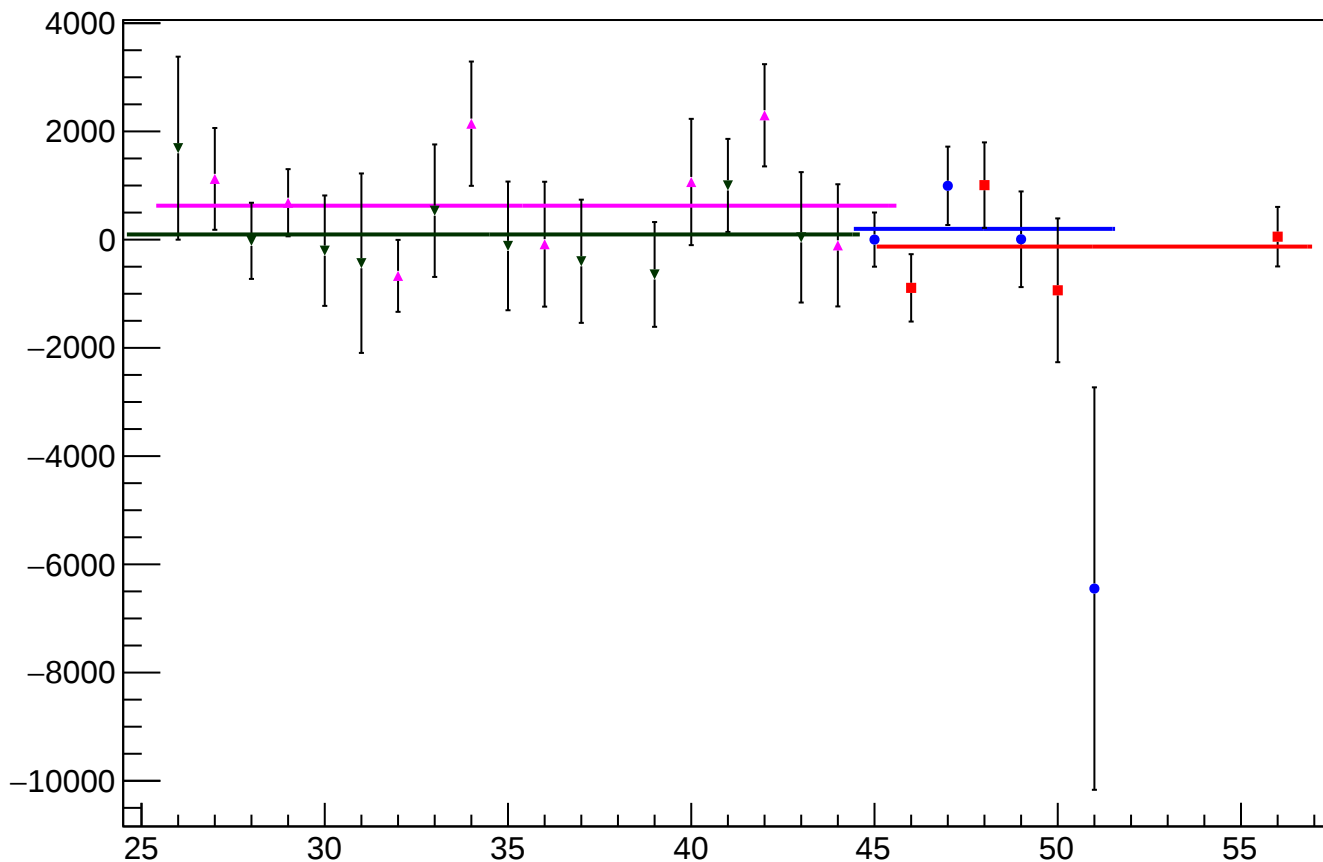
Right Out: 301.471 ± 0.156 χ^2/NDF : 33493.6/3

Left In: 293.335 ± 0.093 χ^2/NDF : 18255.8/7

290.447 ± 0.077 χ^2/NDF : 4681.3/13

295.476 ± 0.080 χ^2/NDF : 53749.0/11

asym_atl_avg_correction_mean vs slug



Right In: 199.019+/-371.379 χ^2/NDF : 4.6/3

Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

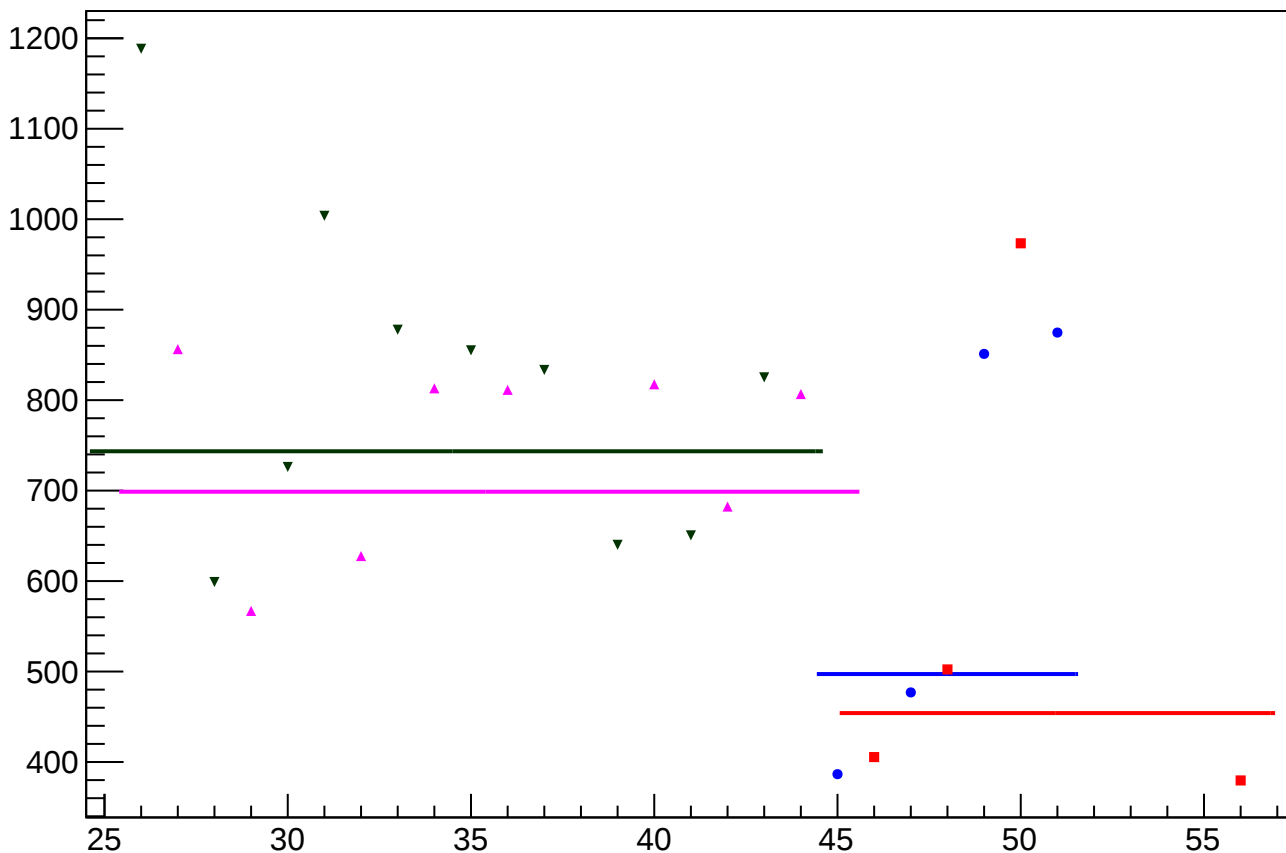
Right Out: -128.351+/-352.347 χ^2/NDF : 4.1/3

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

142.086+/-248.458 χ^2/NDF : 7.8/13

292.796+/-234.443 χ^2/NDF : 16.5/11

asym_atl_avg_correction_rms vs slug



Right In: 497.226+/-0.263 χ^2/NDF : 440610.1/3

Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

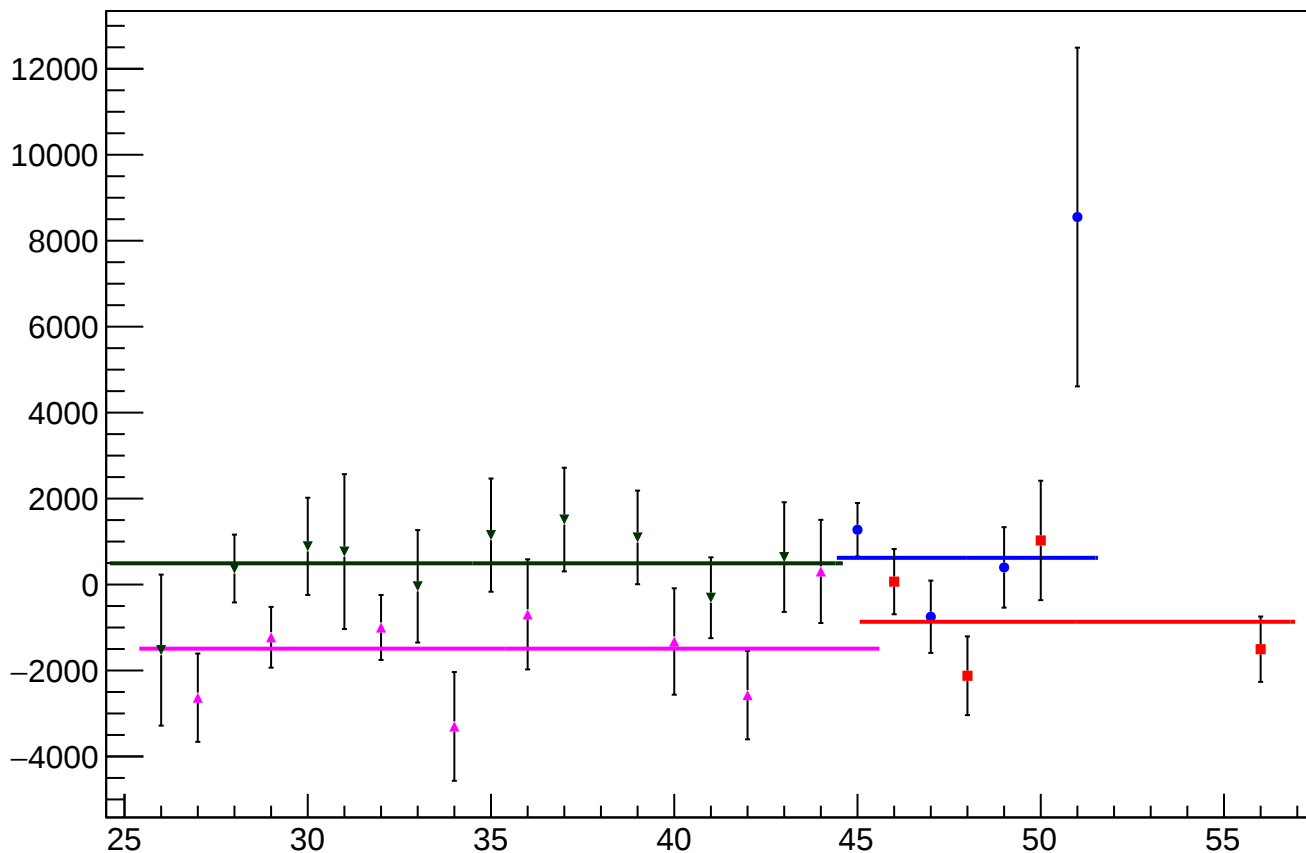
Right Out: 454.078+/-0.249 χ^2/NDF : 361904.1/3

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

633.261+/-0.176 χ^2/NDF : 1308664.1/13

590.438+/-0.166 χ^2/NDF : 1147086.3/11

asym_atl_avg_mean vs slug



Right In: 621.500 $\pm$ 438.812 χ^2 /NDF: 7.9/3

Left Out: 494.045 $\pm$ 366.212 χ^2 /NDF: 3.7/9

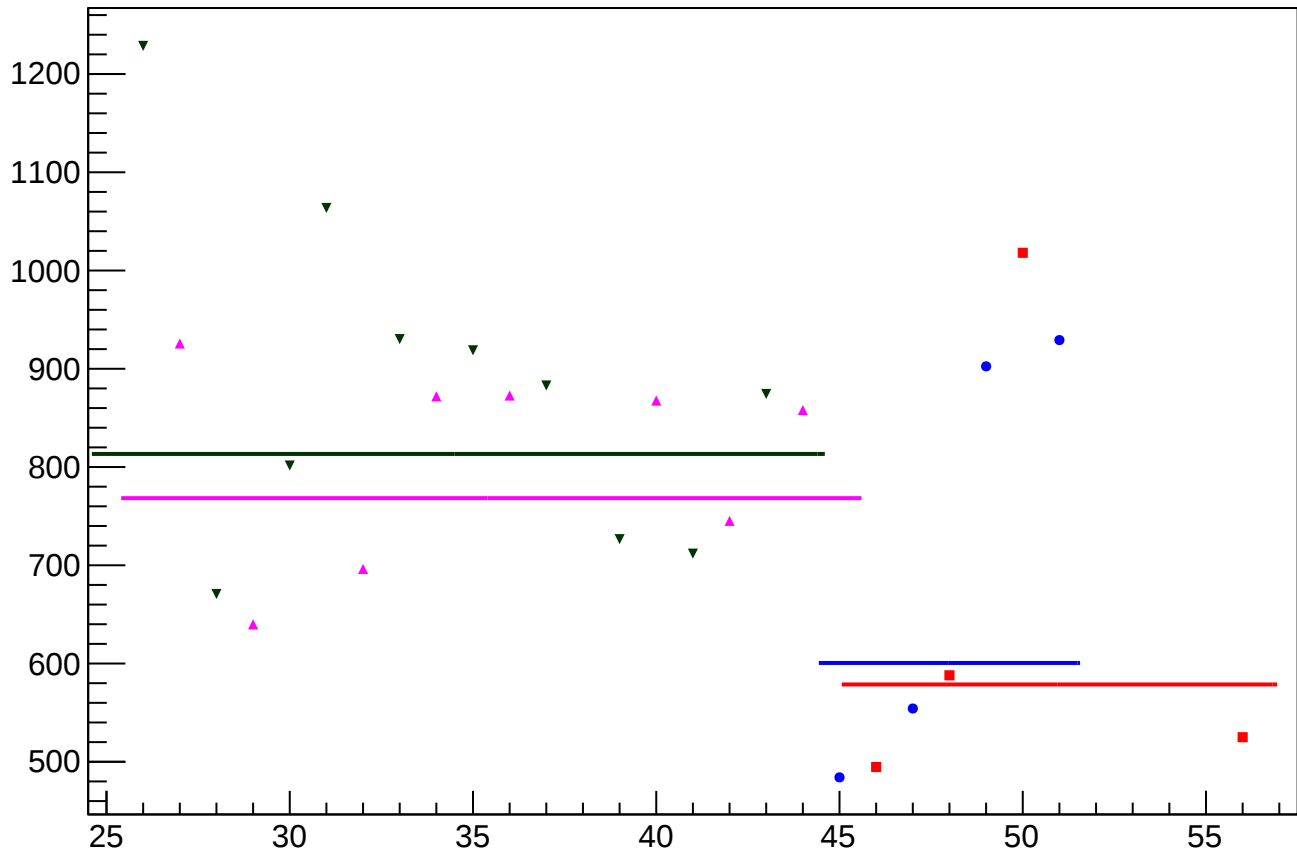
Right Out: -866.177 $\pm$ 439.531 χ^2 /NDF: 6.0/3

Left In: -1491.627 $\pm$ 348.747 χ^2 /NDF: 7.6/7

546.371 $\pm$ 281.163 χ^2 /NDF: 11.6/13

-1249.991 $\pm$ 273.196 χ^2 /NDF: 14.8/11

asym_atl_avg_rms vs slug



Right In: 600.592+/-0.310 χ^2/NDF : 297704.1/3

Left Out: 813.323+/-0.259 χ^2/NDF : 291804.3/9

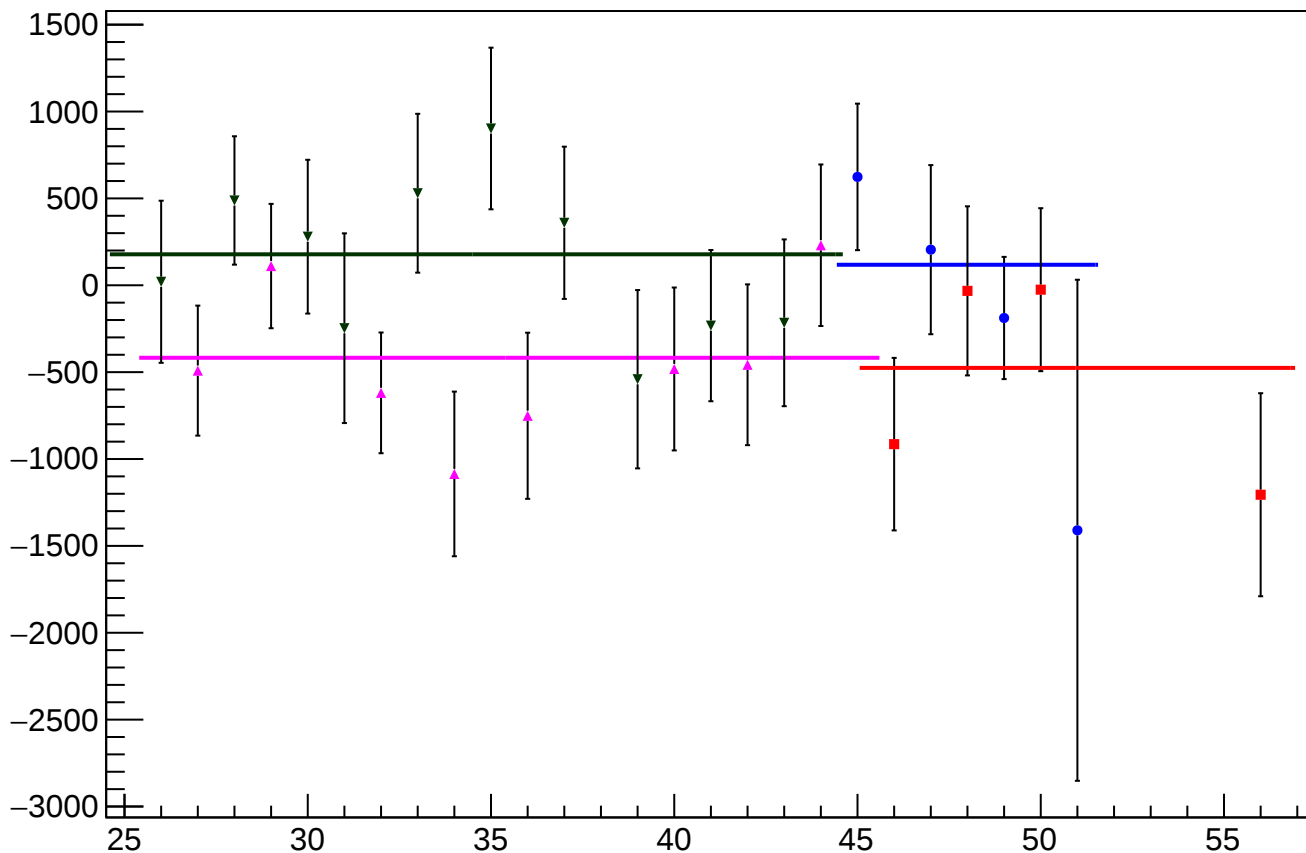
Right Out: 578.692+/-0.311 χ^2/NDF : 234708.8/3

Left In: 768.326+/-0.247 χ^2/NDF : 182845.3/7

725.987+/-0.199 χ^2/NDF : 866576.7/13

695.063+/-0.193 χ^2/NDF : 646014.9/11

reg_asym_atl_dd_mean vs slug



Right In: 118.043 $\pm$ 233.057 χ^2 /NDF: 3.4/3

Left Out: 178.217 $\pm$ 143.718 χ^2 /NDF:8.2/9

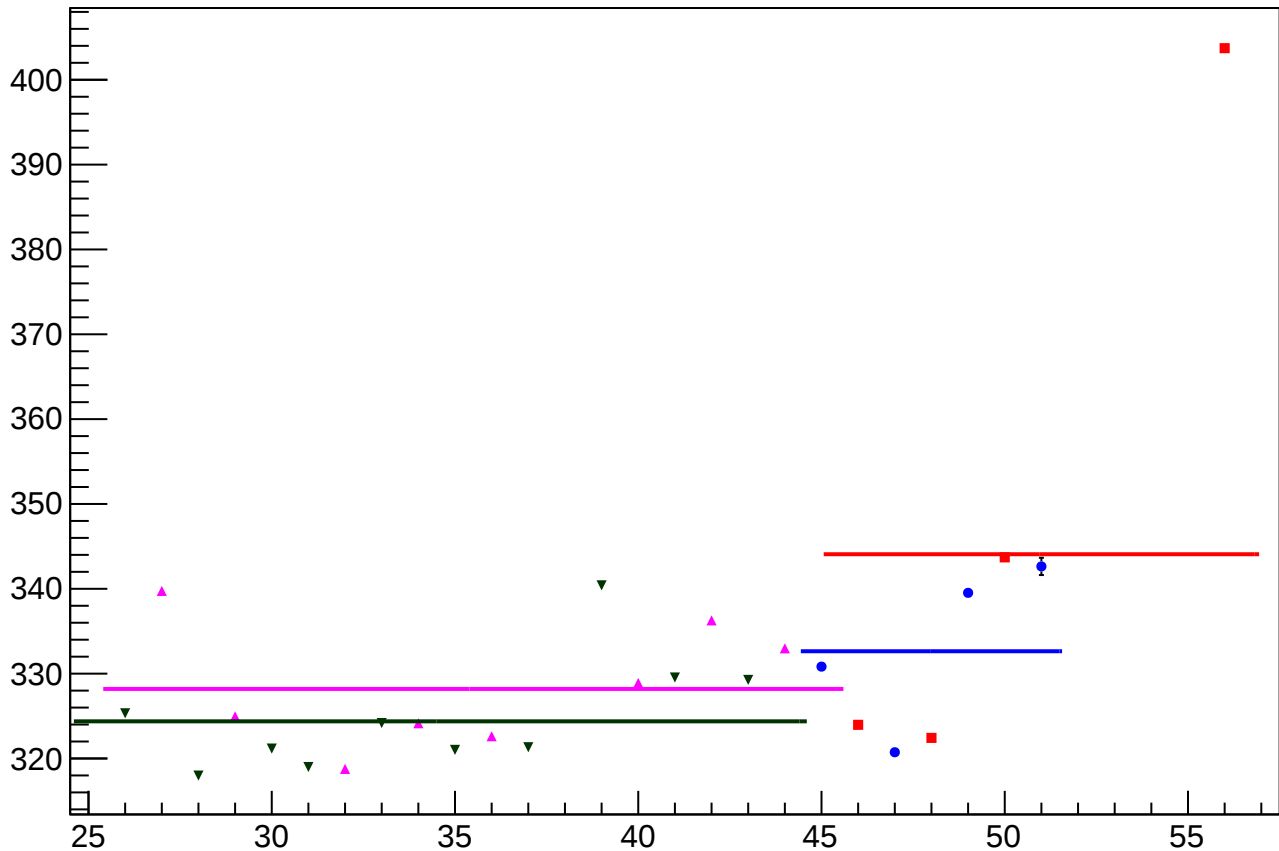
Right Out: -475.506 $\pm$ 251.941 χ^2 /NDF: 4.1/3

Left In: -417.319 $\pm$ 147.577 χ^2 /NDF:7.0/7

161.638 $\pm$ 122.329 χ^2 /NDF: 11.6/13

-432.184 $\pm$ 127.339 χ^2 /NDF: 11.1/11

reg_asym_atl_dd_rms vs slug



Right In: 332.640 ± 0.165 χ^2/NDF : 2096.1/3

Left Out: 324.377 ± 0.102 χ^2/NDF : 3549.0/9

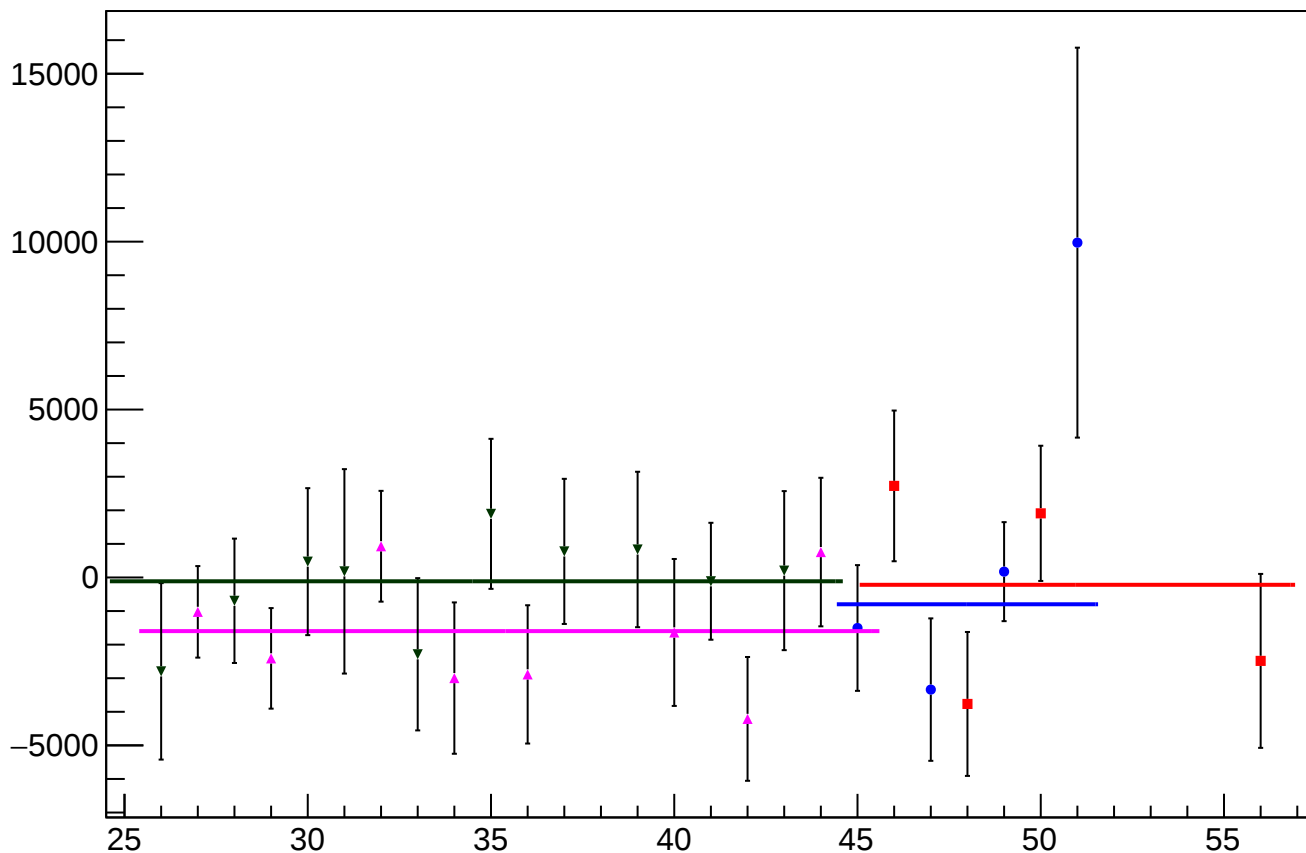
Right Out: 344.075 ± 0.178 χ^2/NDF : 28080.3/3

Left In: 328.197 ± 0.104 χ^2/NDF : 4786.7/7

326.654 ± 0.086 χ^2/NDF : 7466.5/13

332.253 ± 0.090 χ^2/NDF : 38781.3/11

asym_atl_dd_correction_mean vs slug



Right In: -798.123+/-1001.259 χ^2/NDF : 5.5/3

Left Out: -113.667+/-697.189 χ^2/NDF : 3.3/9

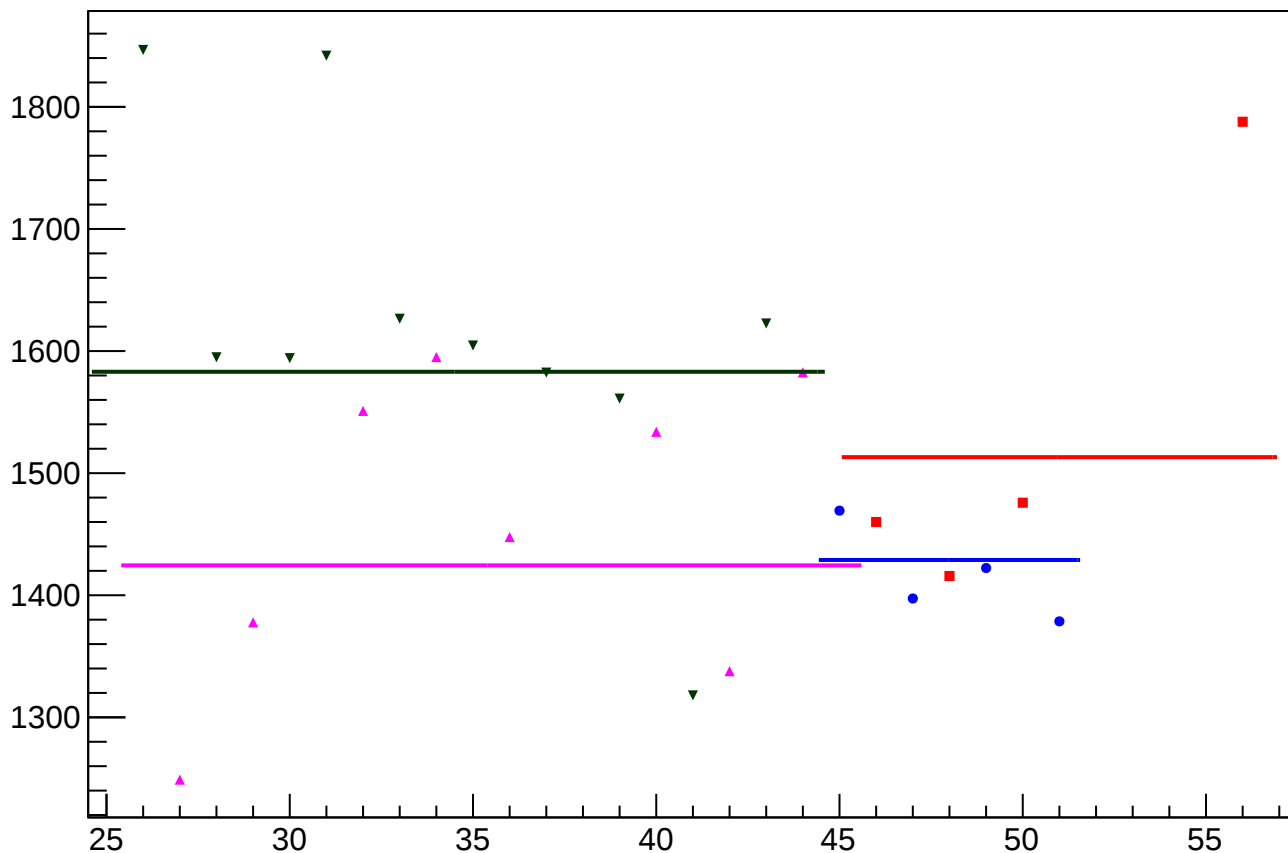
Right Out: -218.429+/-1109.639 χ^2/NDF : 6.3/3

Left In: -1597.547+/-633.459 χ^2/NDF : 6.7/7

-337.163+/-572.149 χ^2/NDF : 9.1/13

-1258.572+/-550.129 χ^2/NDF : 14.2/11

asym_atl_dd_correction_rms vs slug



Right In: 1428.892+/-0.708 χ^2/NDF : 1564.1/3

Left Out: 1583.049+/-0.493 χ^2/NDF : 82755.6/9

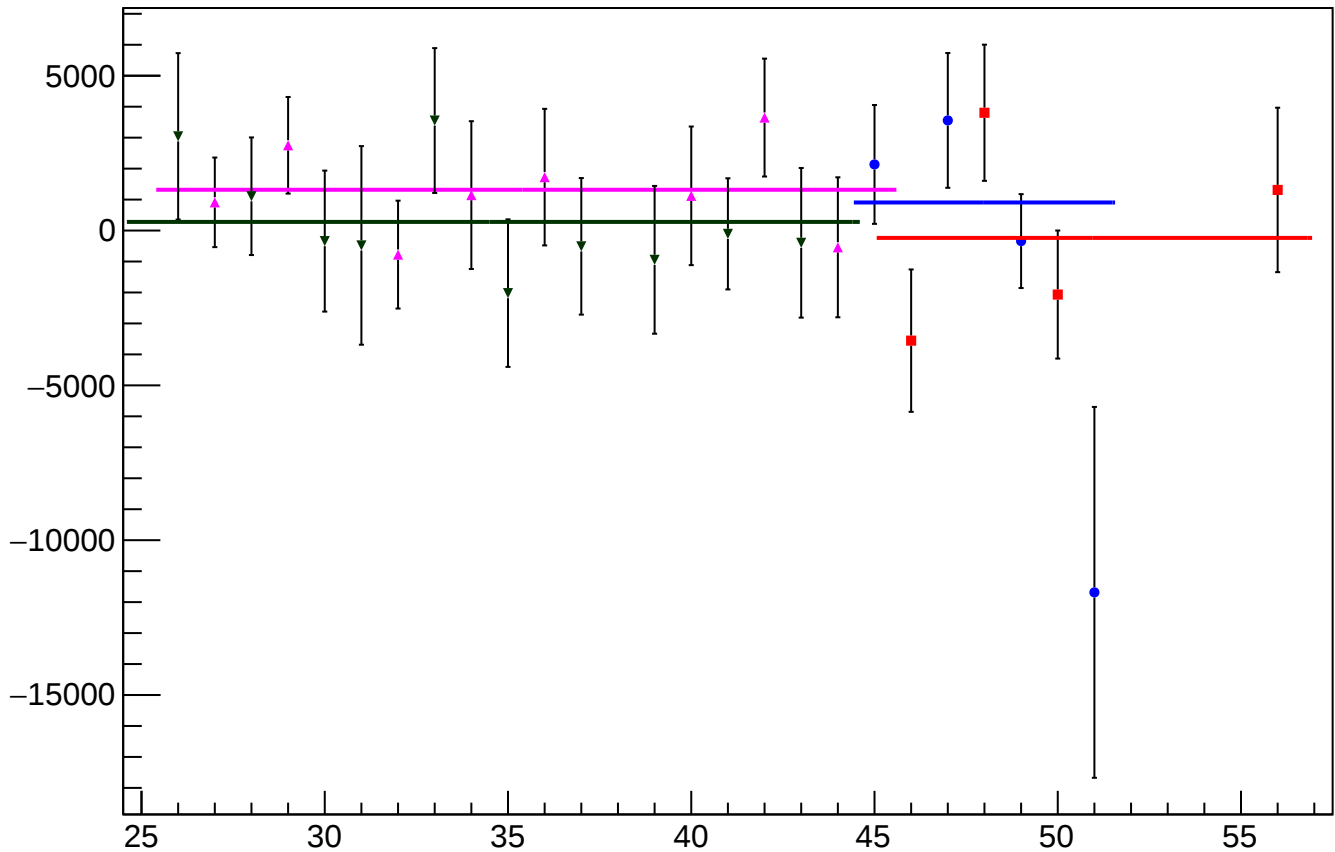
Right Out: 1513.125+/-0.785 χ^2/NDF : 28434.0/3

Left In: 1424.479+/-0.448 χ^2/NDF : 78214.9/7

1532.712+/-0.405 χ^2/NDF : 116248.3/13

1446.267+/-0.389 χ^2/NDF : 116275.6/11

asym_atl_dd_mean vs slug



Right In: 906.420 $\pm$ 1028.410 χ^2/NDF : 7.0/3

Left Out: 278.907 $\pm$ 720.229 χ^2/NDF : 4.8/9

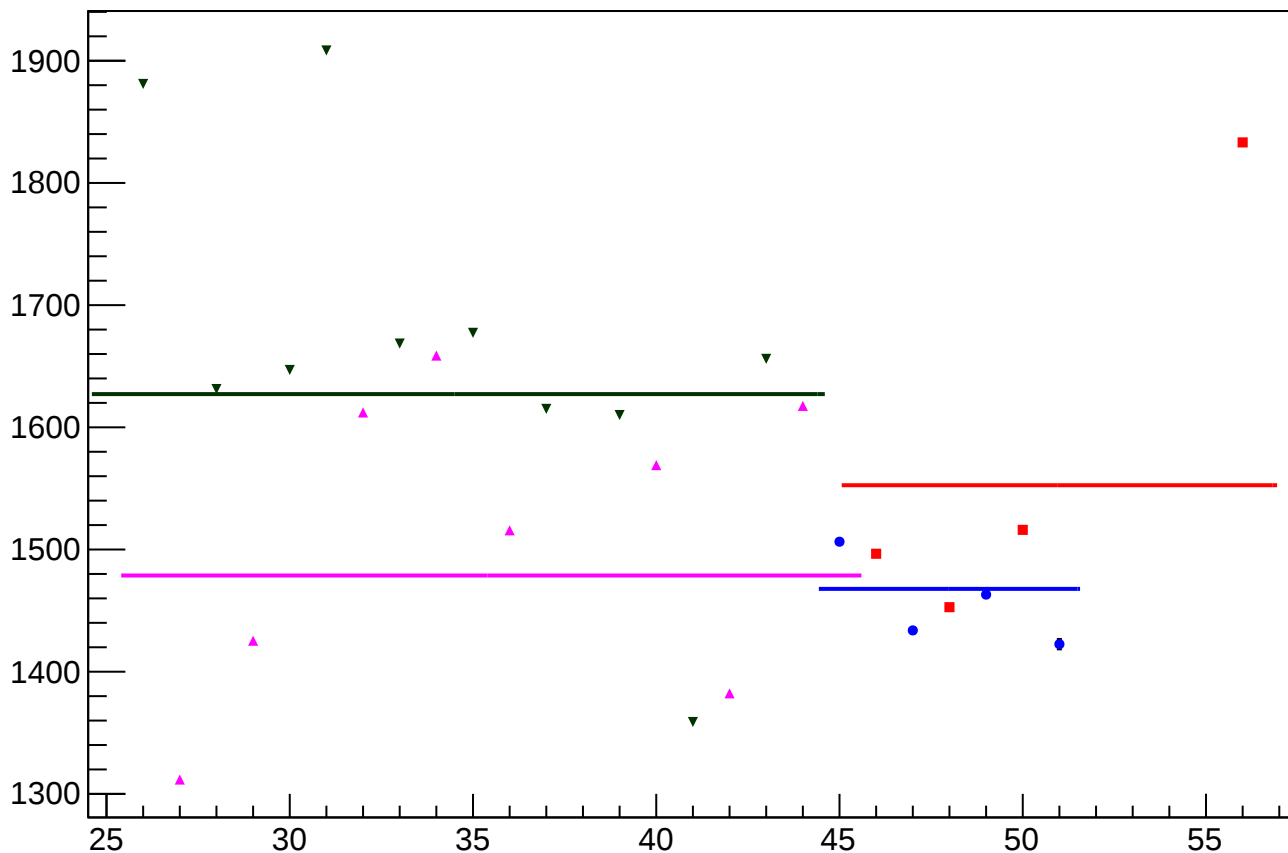
Right Out: -237.402 $\pm$ 1138.375 χ^2/NDF : 6.6/3

Left In: 1317.055 $\pm$ 663.629 χ^2/NDF : 4.6/7

485.402 $\pm$ 589.942 χ^2/NDF : 12.0/13

922.776 $\pm$ 573.321 χ^2/NDF : 12.6/11

asym_atl_dd_rms vs slug



Right In: 1467.792 ± 0.727 χ^2/NDF : 1430.3/3

Left Out: 1627.194 ± 0.509 χ^2/NDF : 80064.9/9

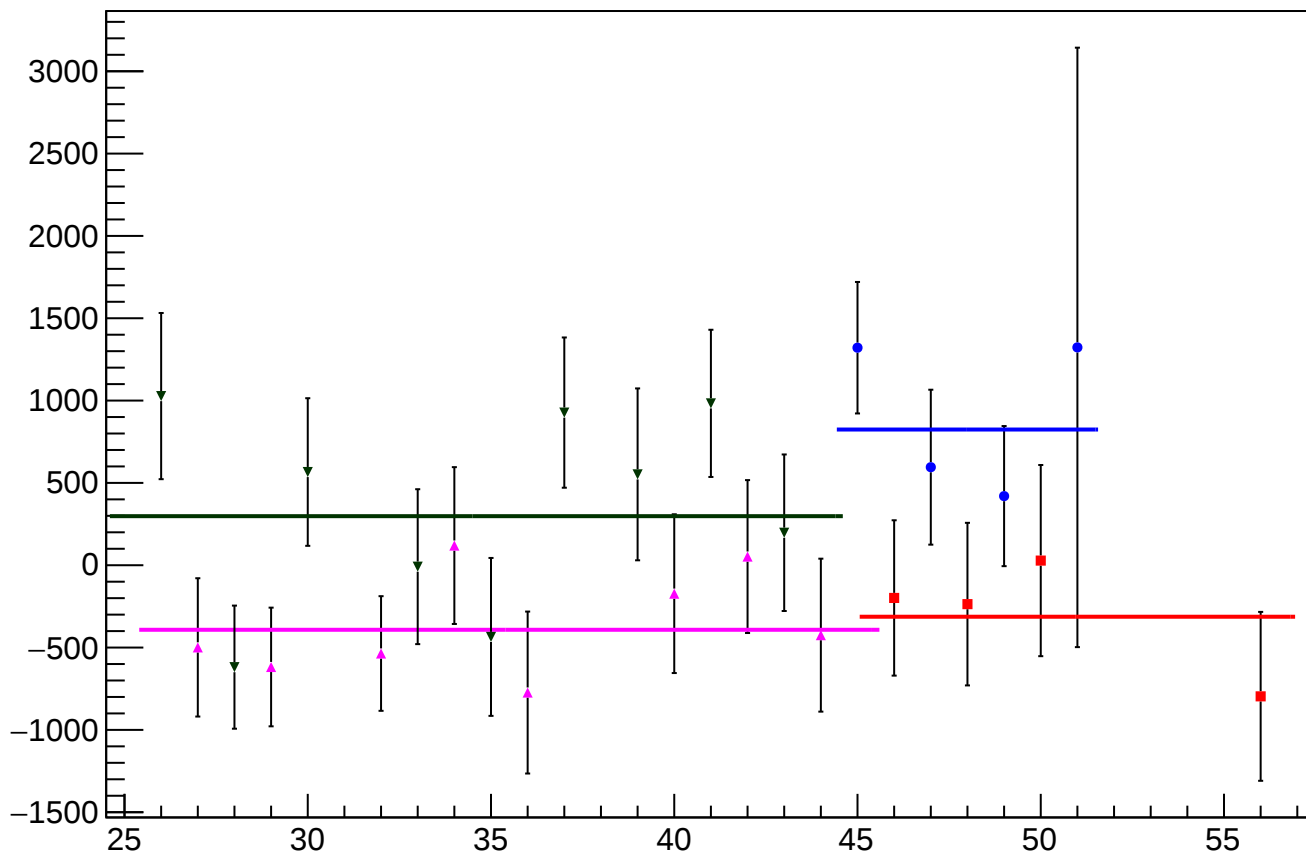
Right Out: 1552.610 ± 0.805 χ^2/NDF : 28262.7/3

Left In: 1478.747 ± 0.469 χ^2/NDF : 68597.0/7

1574.740 ± 0.417 χ^2/NDF : 113733.0/13

1497.482 ± 0.405 χ^2/NDF : 103144.1/11

reg_asym_atr_avg_mean vs slug



Right In: 824.171+/-245.323 χ^2/NDF : 2.8/3

Left Out: 297.955+/-152.800 χ^2/NDF : 15.8/8

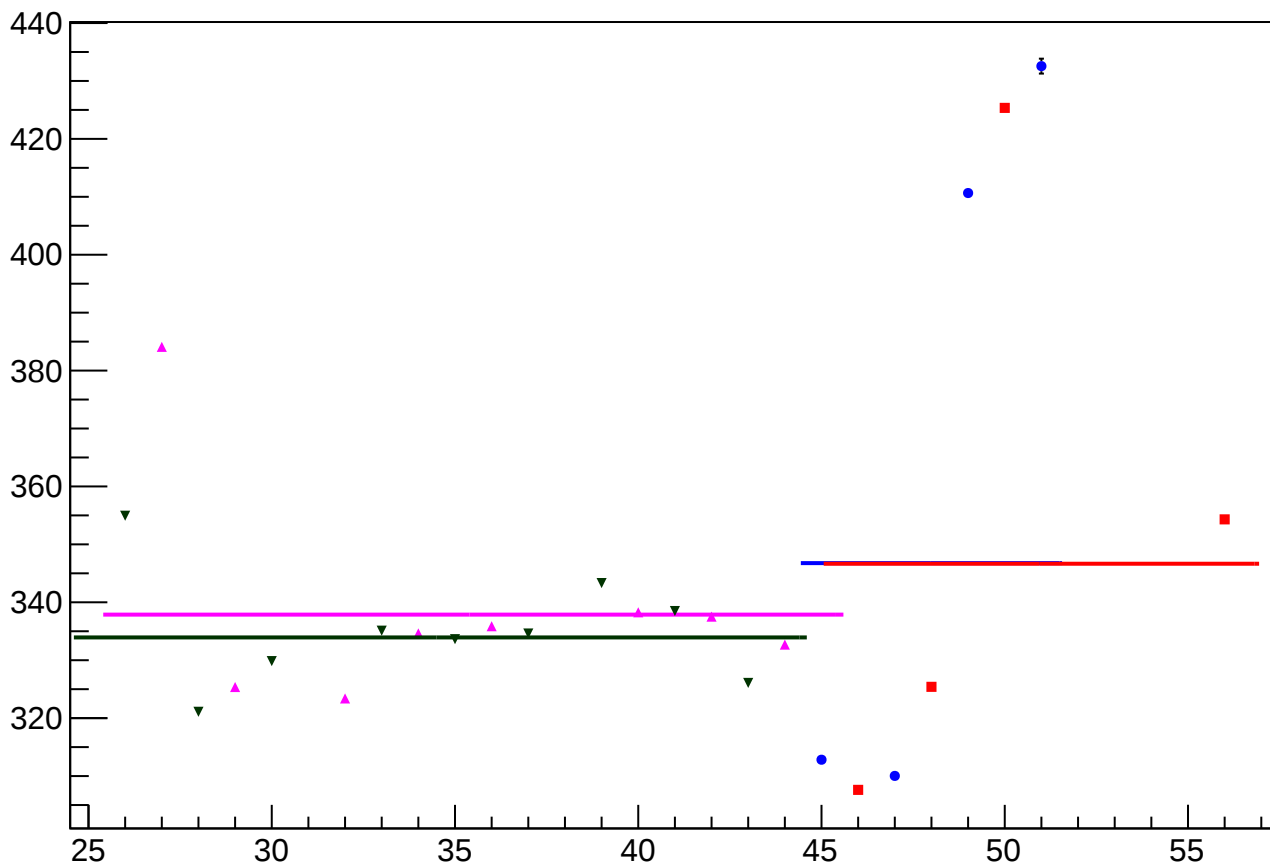
Right Out: -312.762+/-255.112 χ^2/NDF : 1.3/3

Left In: -392.029+/-151.208 χ^2/NDF : 3.5/7

445.038+/-129.699 χ^2/NDF : 21.8/12

-371.421+/-130.076 χ^2/NDF : 4.9/11

reg_asym_atr_avg_rms vs slug



Right In: 346.762 ± 0.173 χ^2/NDF : 76182.0/3

Left Out: 333.934 ± 0.108 χ^2/NDF : 7408.6/8

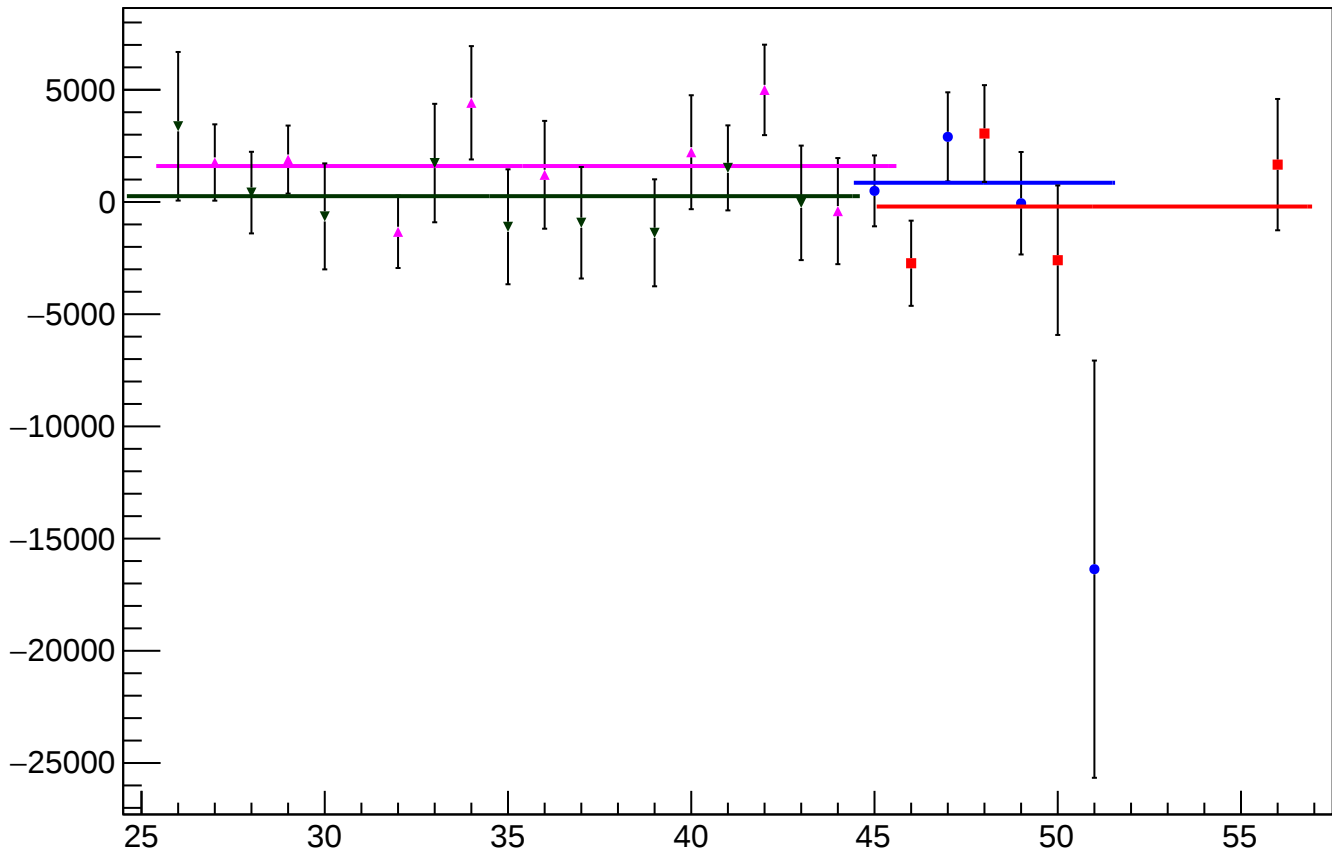
Right Out: 346.655 ± 0.180 χ^2/NDF : 54598.3/3

Left In: 337.870 ± 0.107 χ^2/NDF : 30461.2/7

337.519 ± 0.092 χ^2/NDF : 87531.0/12

340.154 ± 0.092 χ^2/NDF : 86814.5/11

asym_atr_avg_correction_mean vs slug



Right In: 857.329 ± 1079.644 χ^2/NDF : 4.7/3

Left Out: 260.094 ± 781.083 χ^2/NDF : 2.8/8

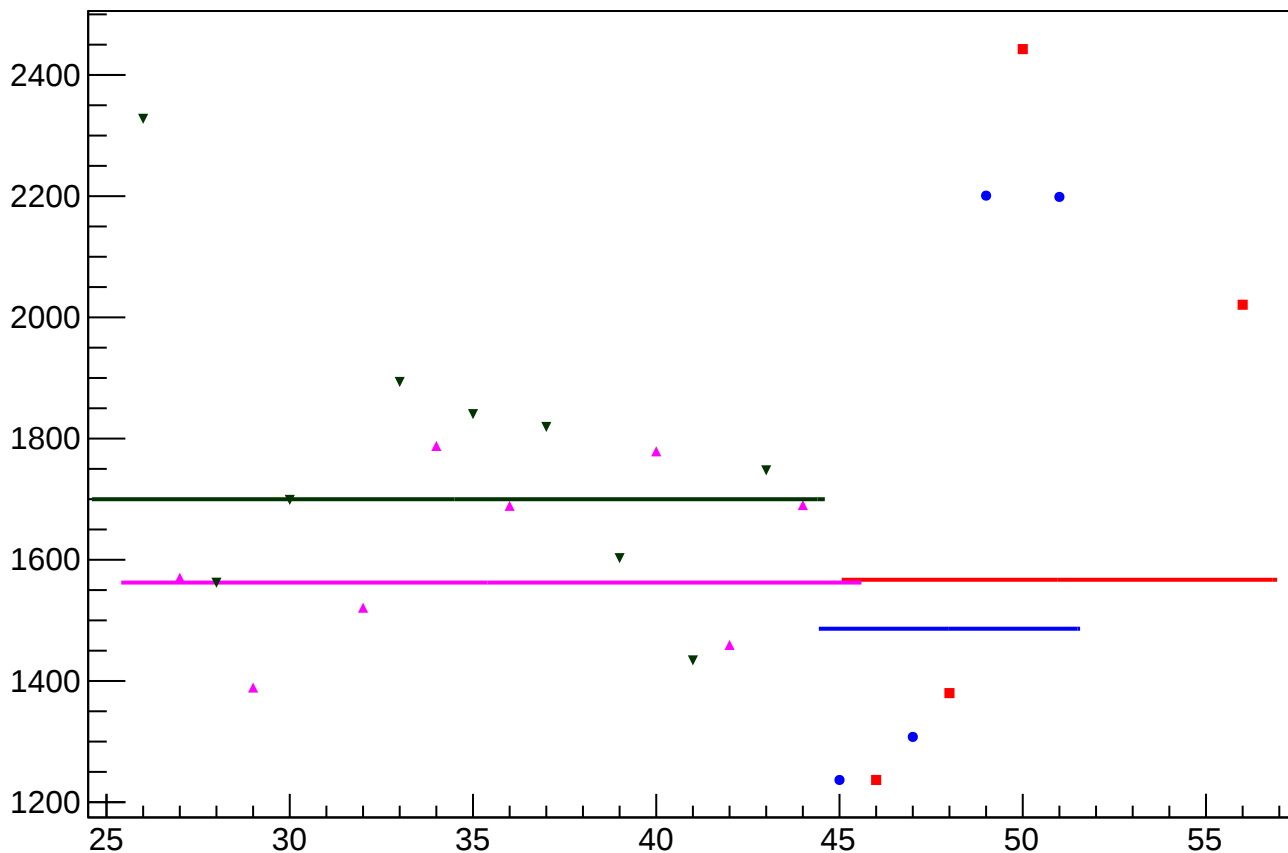
Right Out: -202.009 ± 1195.671 χ^2/NDF : 5.0/3

Left In: 1602.732 ± 694.176 χ^2/NDF : 8.2/7

465.288 ± 632.835 χ^2/NDF : 7.7/12

1147.767 ± 600.334 χ^2/NDF : 14.9/11

asym_atr_avg_correction_rms vs slug



Right In: 1486.232+/-0.763 χ^2/NDF : 273739.7/3

Left Out: 1699.916+/-0.552 χ^2/NDF :148167.9/8

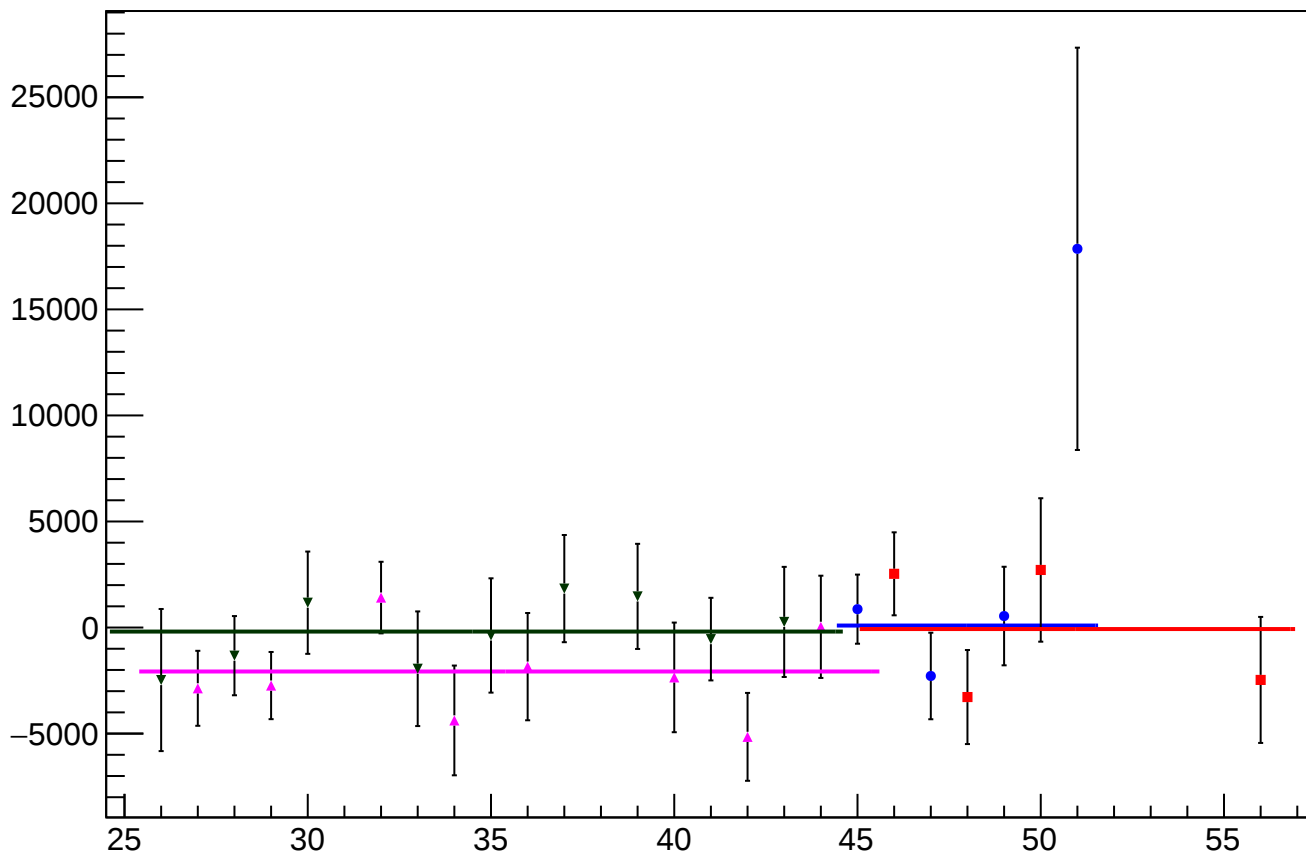
Right Out: 1567.029+/-0.845 χ^2/NDF : 261983.8/3

Left In: 1562.377+/-0.491 χ^2/NDF :74597.0/7

1626.500+/-0.447 χ^2/NDF : 473335.5/12

1563.550+/-0.425 χ^2/NDF : 336603.4/11

asym_atr_avg_mean vs slug



Right In: 94.155+/-1108.933 χ^2/NDF : 5.1/3

Left Out: -189.957+/-802.163 χ^2/NDF : 2.7/8

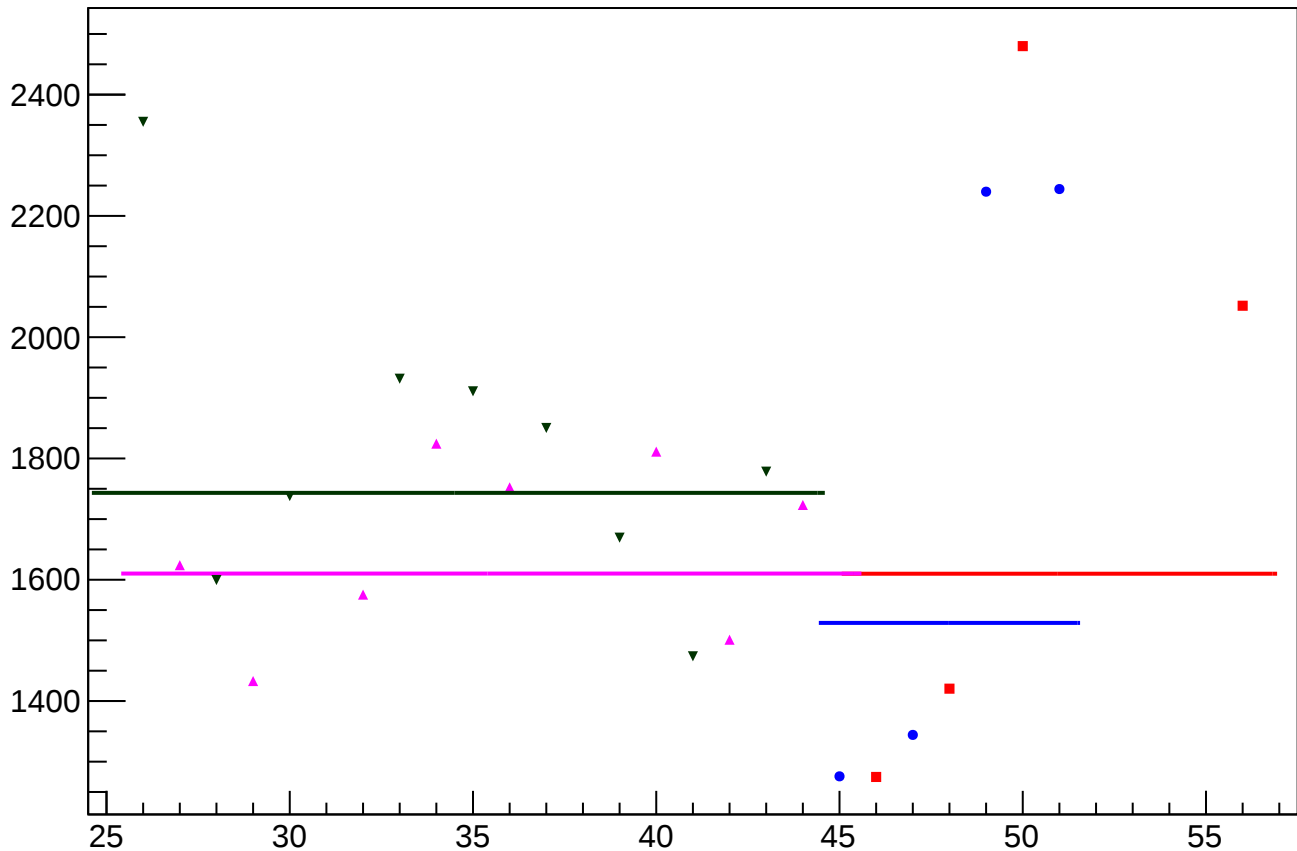
Right Out: -71.042+/-1225.812 χ^2/NDF : 5.2/3

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

-92.361+/-649.944 χ^2/NDF : 7.9/12

-1559.450+/-620.667 χ^2/NDF : 15.6/11

asym_atr_avg_rms vs slug



Right In: 1528.827+/-0.784 χ^2/NDF : 263314.3/3

Left Out: 1743.280+/-0.567 χ^2/NDF :140061.2/8

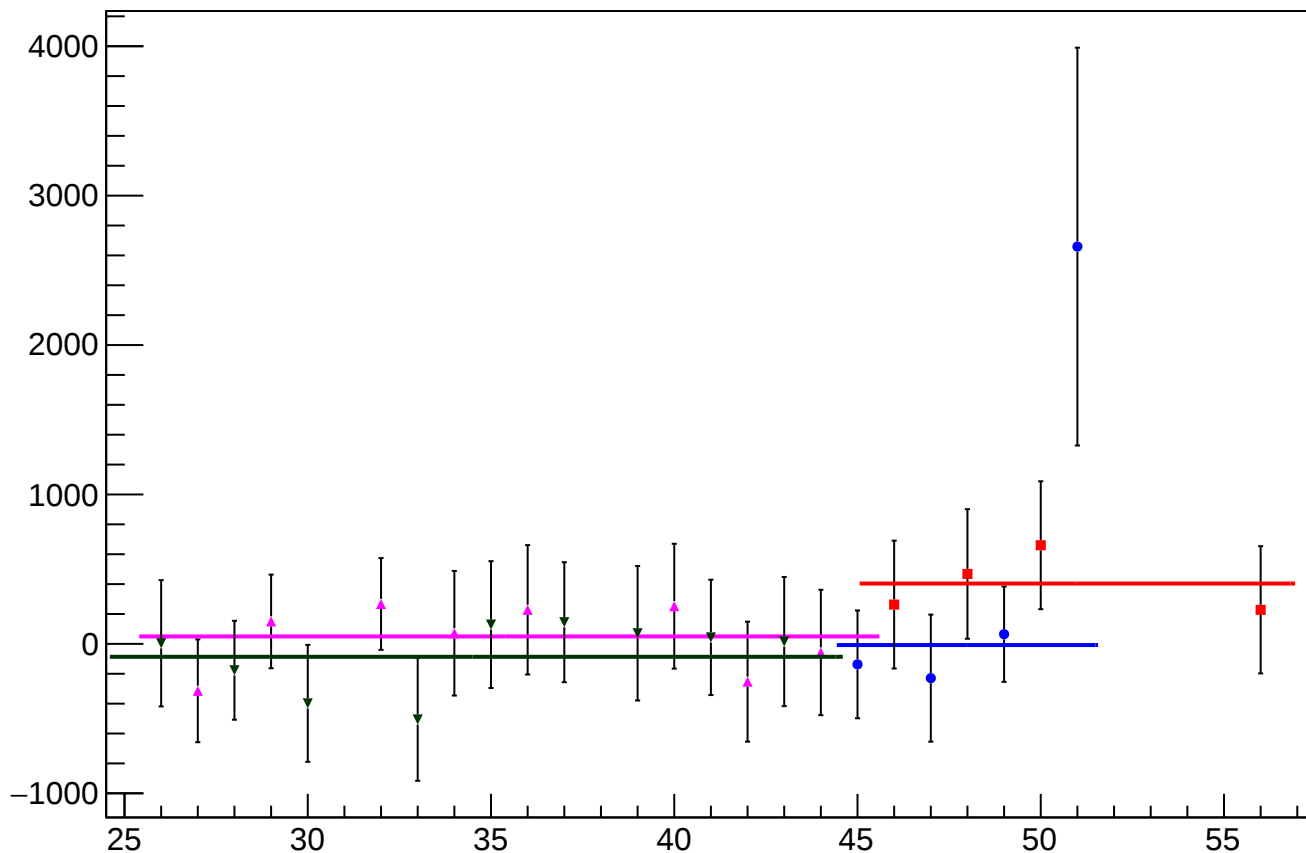
Right Out: 1609.933+/-0.867 χ^2/NDF : 249975.3/3

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1669.613+/-0.460 χ^2/NDF : 452478.5/12

1610.129+/-0.439 χ^2/NDF : 318081.4/11

reg_asym_atr_dd_mean vs slug



Right In: -7.837+/-205.859 χ^2/NDF : 4.5/3

Left Out: -86.539+/-133.704 χ^2/NDF : 2.7/8

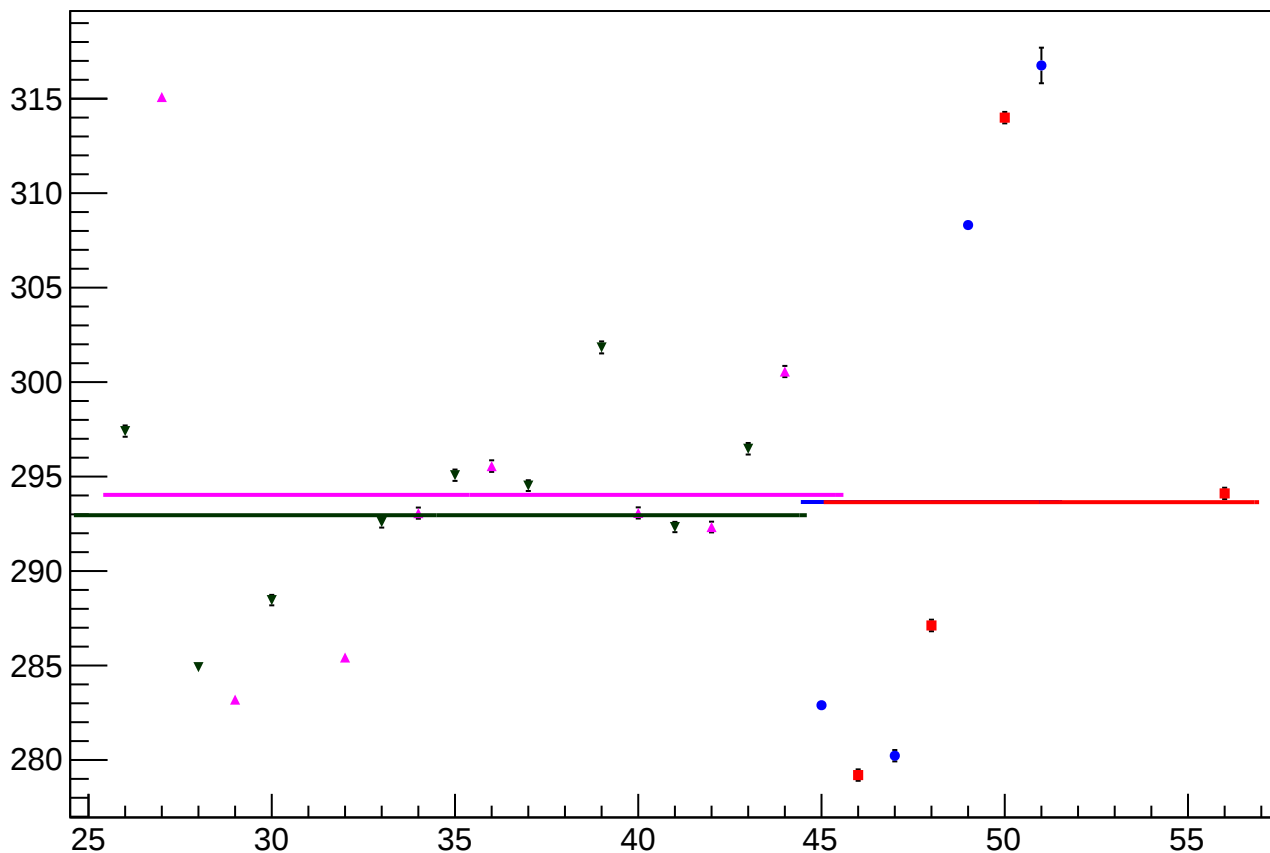
Right Out: 403.889+/-214.399 χ^2/NDF : 0.7/3

Left In: 49.768+/-131.388 χ^2/NDF : 2.8/7

-63.189+/-112.129 χ^2/NDF : 7.2/12

146.449+/-112.026 χ^2/NDF : 5.4/11

reg_asym_atr_dd_rms vs slug



Right In: 293.654+/-0.146 χ^2/NDF : 8593.3/3

Left Out: 292.955+/-0.095 χ^2/NDF : 2664.1/8

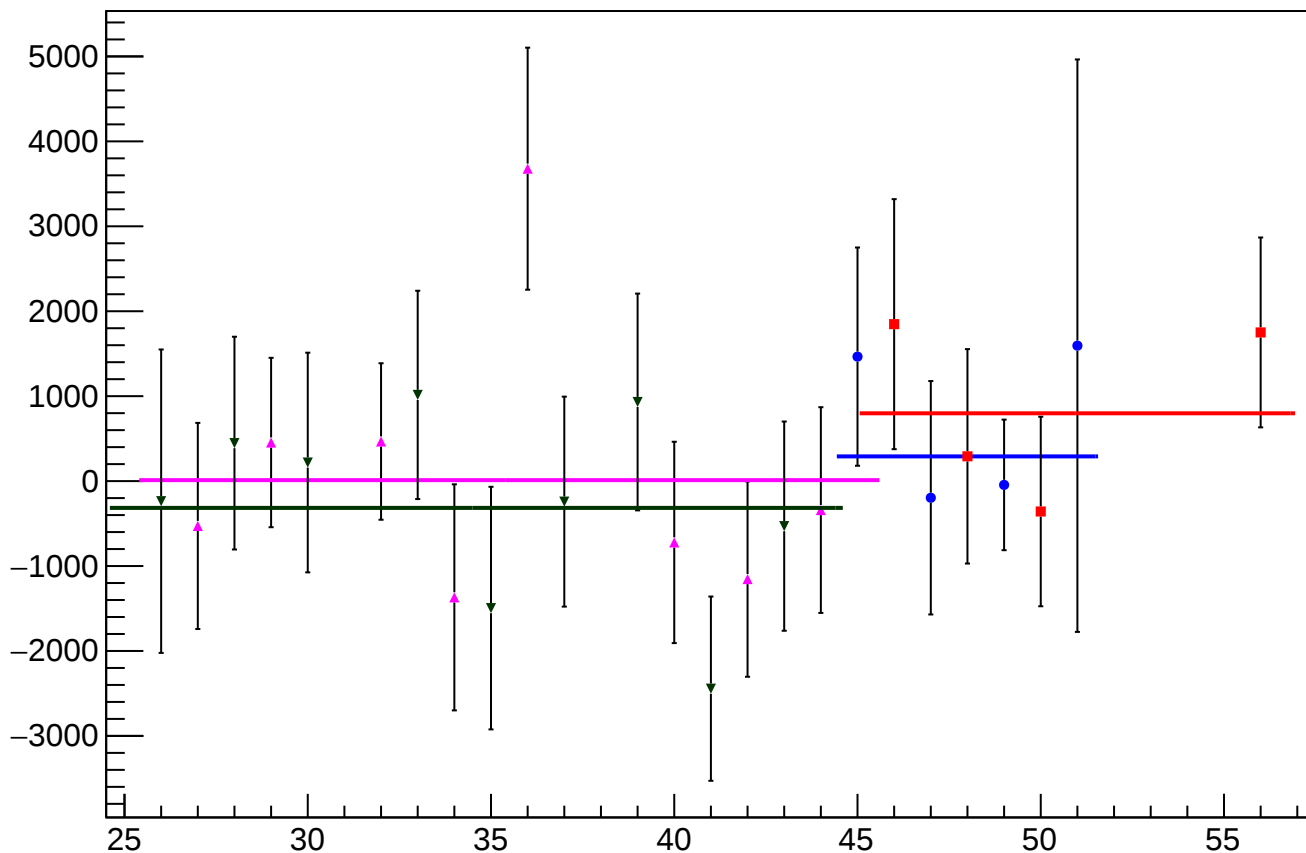
Right Out: 293.646+/-0.152 χ^2/NDF : 7254.8/3

Left In: 294.031+/-0.093 χ^2/NDF : 12021.3/7

293.162+/-0.079 χ^2/NDF : 11273.6/12

293.926+/-0.079 χ^2/NDF : 19280.8/11

asym_atr_dd_correction_mean vs slug



Right In: 290.878+/-585.574 χ^2/NDF : 1.3/3

Left Out: -315.415+/-427.109 χ^2/NDF : 7.2/8

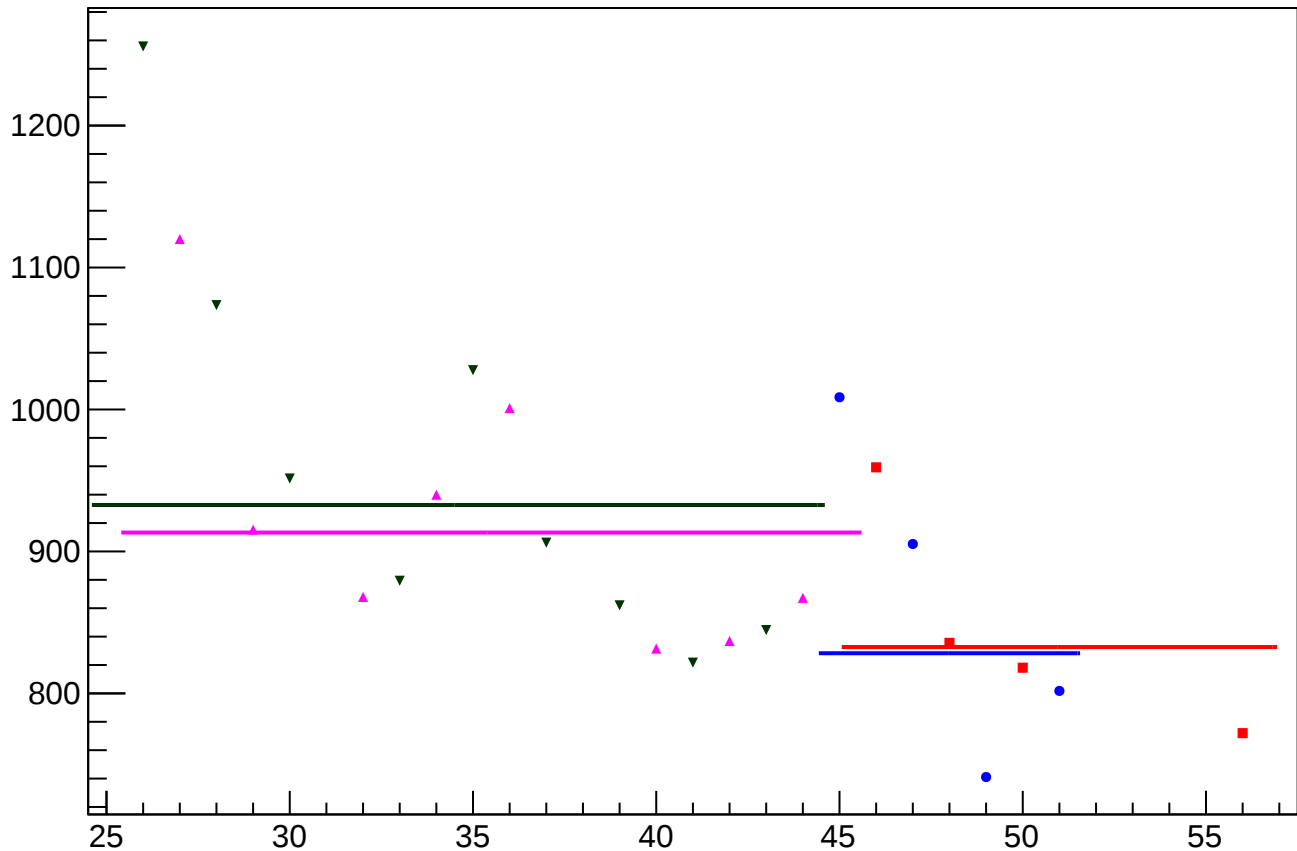
Right Out: 798.318+/-609.391 χ^2/NDF : 2.5/3

Left In: 11.284+/-405.892 χ^2/NDF : 9.8/7

-104.874+/-345.071 χ^2/NDF : 9.2/12

253.143+/-337.817 χ^2/NDF : 13.5/11

asym_atr_dd_correction_rms vs slug



Right In: 828.290 ± 0.414 χ^2/NDF : 71530.3/3

Left Out: 932.717 ± 0.302 χ^2/NDF : 141975.4/8

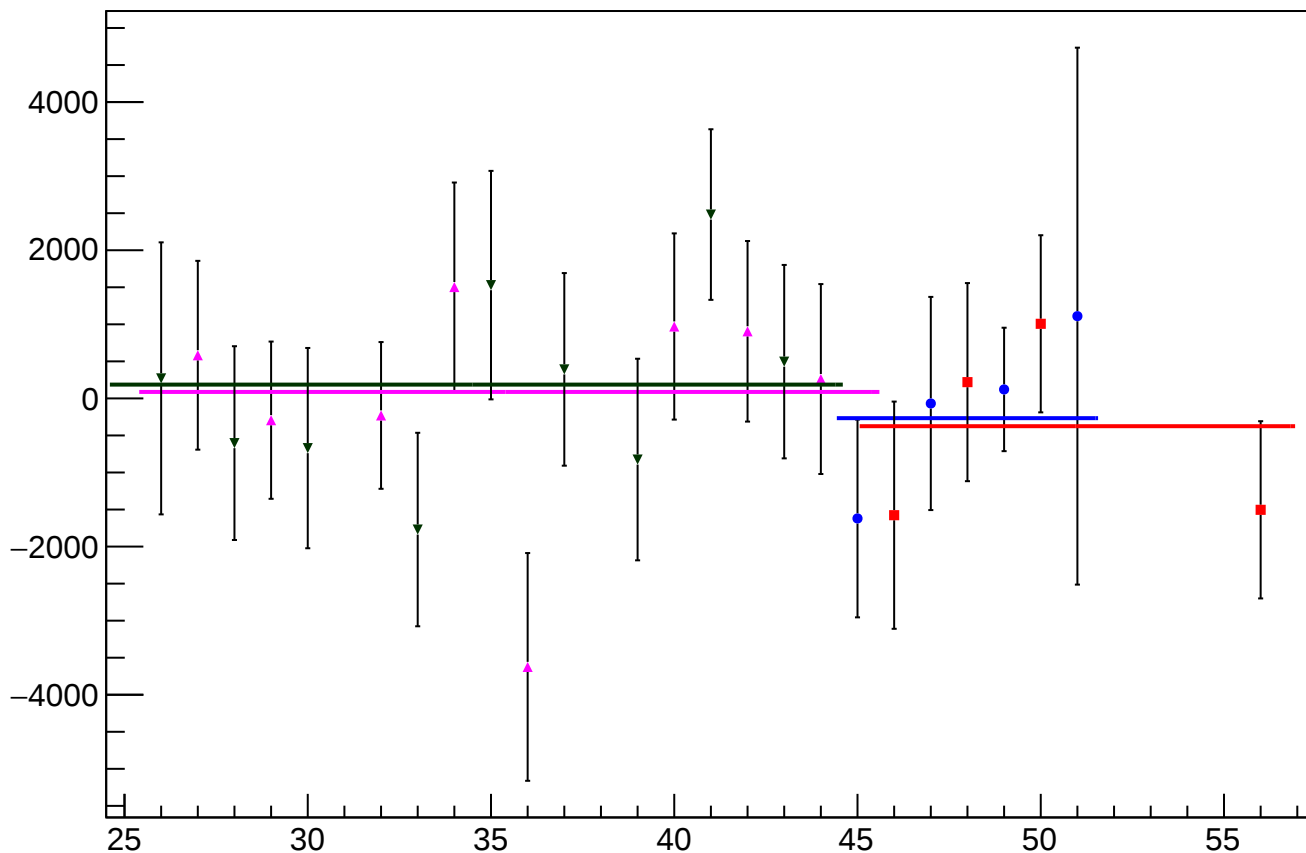
Right Out: 832.664 ± 0.431 χ^2/NDF : 21033.2/3

Left In: 913.320 ± 0.287 χ^2/NDF : 92513.4/7

896.454 ± 0.244 χ^2/NDF : 255023.9/12

888.534 ± 0.239 χ^2/NDF : 137815.5/11

asym_atr_dd_mean vs slug



Right In: -266.634+/-624.814 χ^2/NDF : 1.4/3

Left Out: 186.357+/-451.355 χ^2/NDF :8.4/8

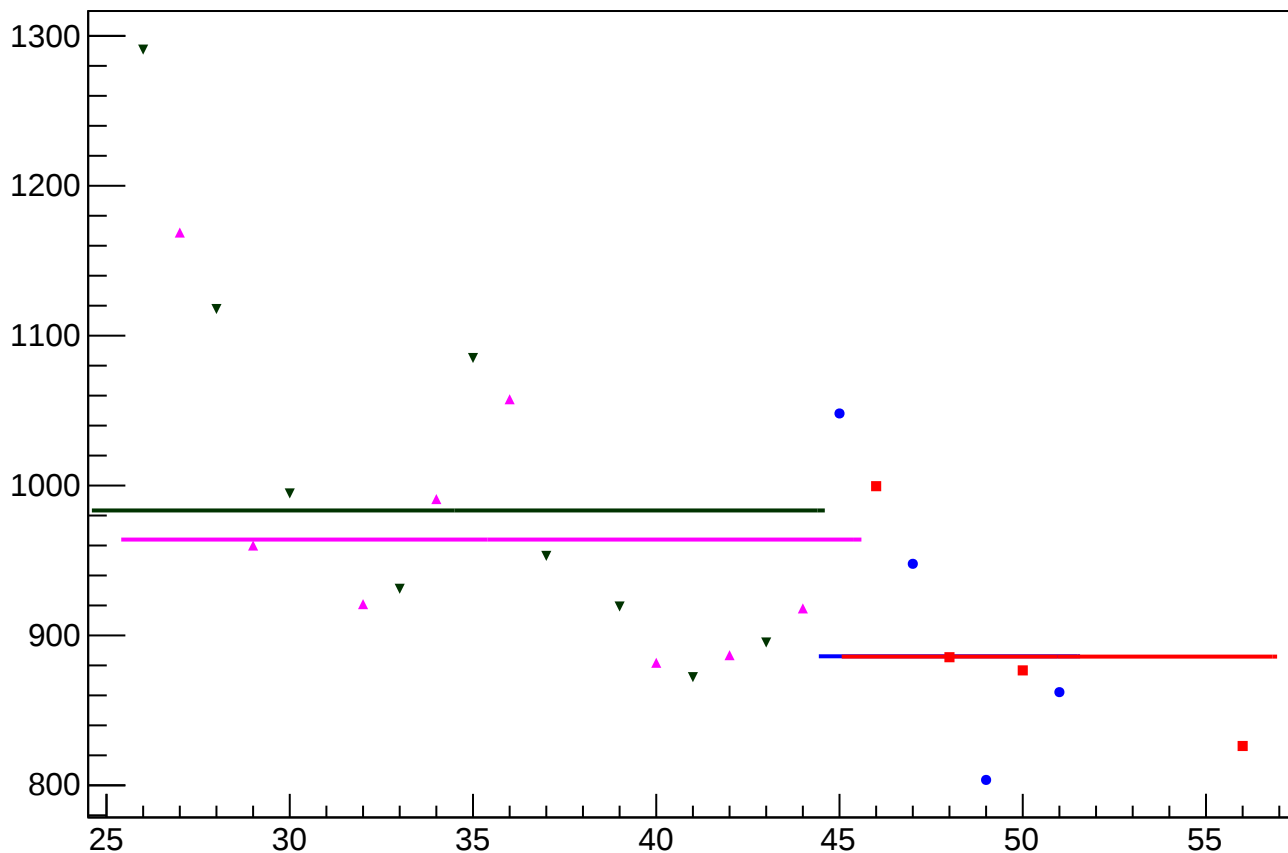
Right Out: -375.062+/-647.769 χ^2/NDF : 3.0/3

Left In: 87.303+/-431.781 χ^2/NDF :8.2/7

31.027+/-365.876 χ^2/NDF : 10.1/12

-54.934+/-359.280 χ^2/NDF : 11.6/11

asym_atr_dd_rms vs slug



Right In: 886.083 ± 0.442 χ^2/NDF : 52820.6/3

Left Out: 983.379 ± 0.319 χ^2/NDF : 122542.6/8

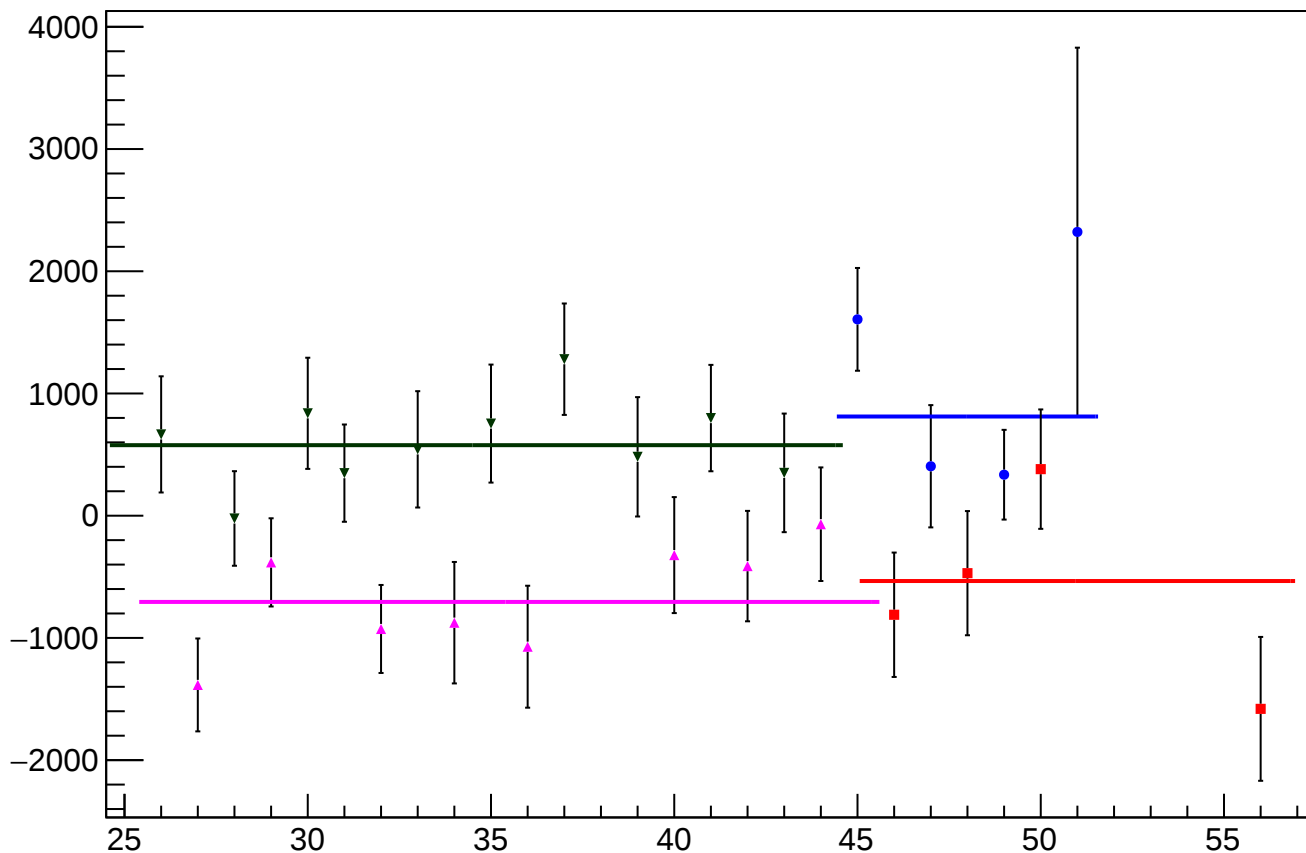
Right Out: 885.874 ± 0.458 χ^2/NDF : 16084.7/3

Left In: 963.960 ± 0.305 χ^2/NDF : 82775.1/7

950.016 ± 0.259 χ^2/NDF : 207230.6/12

939.939 ± 0.254 χ^2/NDF : 118982.0/11

reg_asym_at1_avg_mean vs slug



Right In: 811.538 ± 238.952 χ^2/NDF : 6.9/3

Left Out: 577.064 ± 142.141 χ^2/NDF : 6.1/9

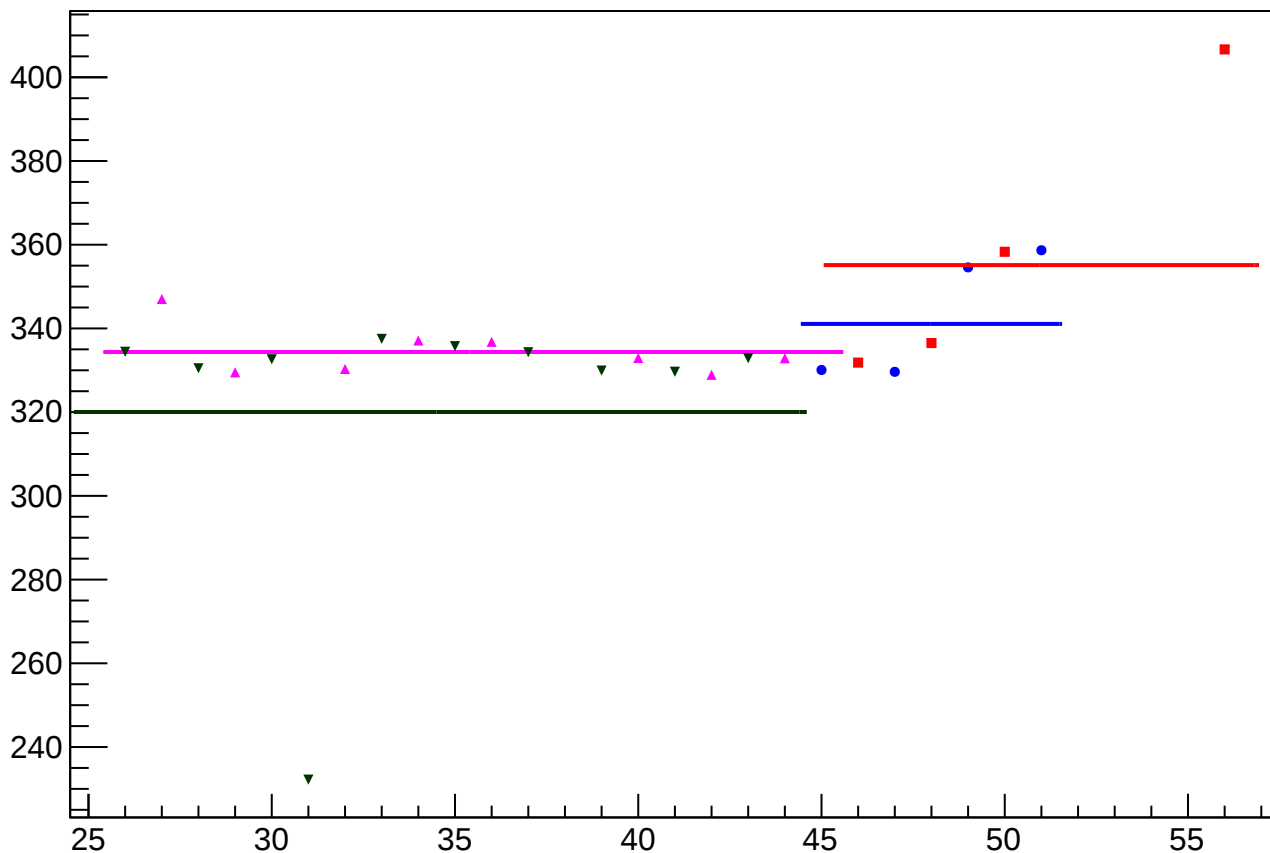
Right Out: -534.480 ± 259.828 χ^2/NDF : 7.0/3

Left In: -705.542 ± 150.152 χ^2/NDF : 8.0/7

638.348 ± 122.161 χ^2/NDF : 13.8/13

-662.717 ± 130.005 χ^2/NDF : 15.3/11

reg_asym_at1_avg_rms vs slug



Right In: 341.078 ± 0.169 χ^2/NDF : 5395.3/3

Left Out: 320.038 ± 0.101 χ^2/NDF : 112209.4/9

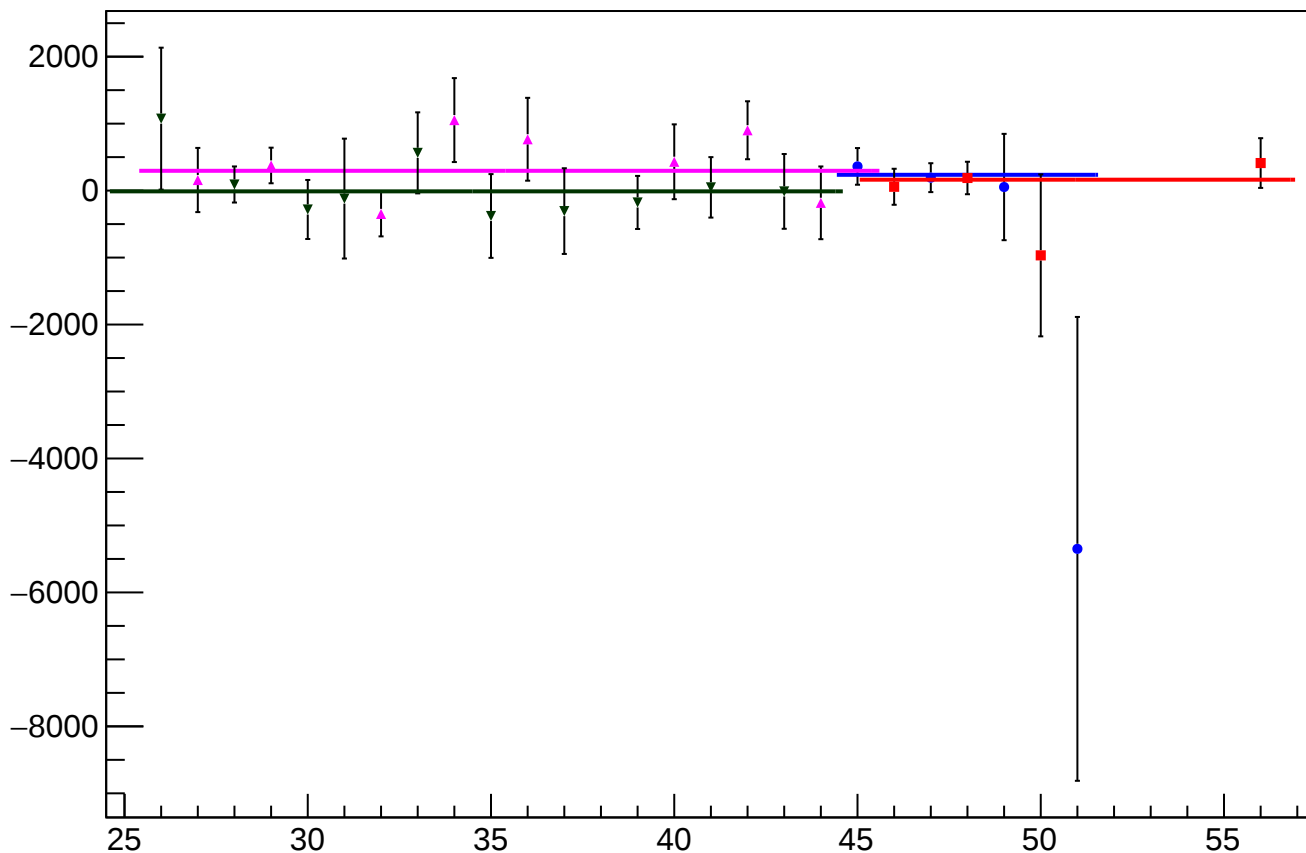
Right Out: 355.128 ± 0.184 χ^2/NDF : 22288.7/3

Left In: 334.371 ± 0.106 χ^2/NDF : 3274.0/7

325.537 ± 0.086 χ^2/NDF : 129058.2/13

339.568 ± 0.092 χ^2/NDF : 35131.8/11

asym_at1_avg_correction_mean vs slug



Right In: 236.024+/-165.533 χ^2/NDF : 2.9/3

Left Out: -11.187+/-151.999 χ^2/NDF : 3.2/9

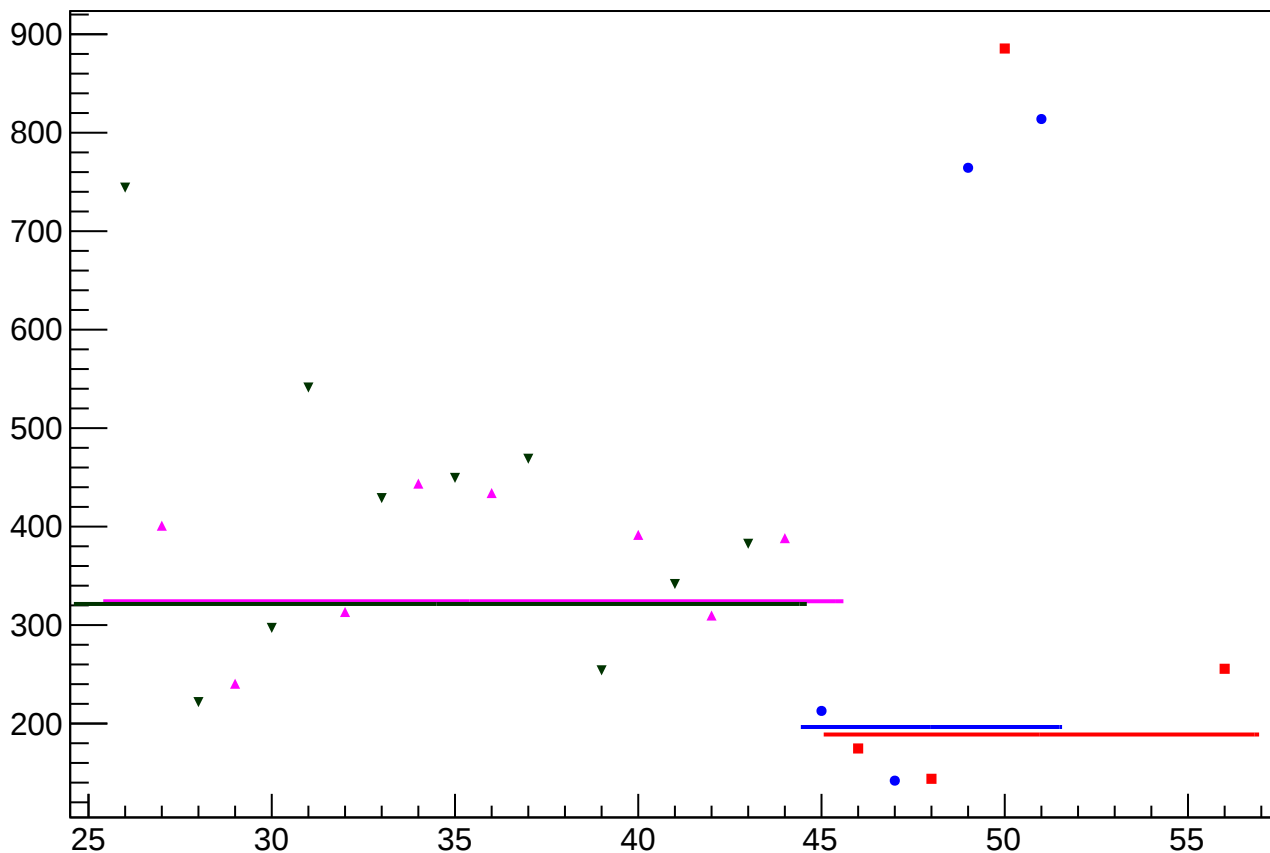
Right Out: 163.031+/-160.593 χ^2/NDF : 1.5/3

Left In: 295.759+/-149.916 χ^2/NDF : 8.7/7

101.901+/-111.959 χ^2/NDF : 7.4/13

233.953+/-109.587 χ^2/NDF : 10.5/11

asym_at1_avg_correction_rms vs slug



Right In: 196.490 $\pm$ 0.117 χ^2 /NDF: 1221855.0/3

Left Out: 321.436 $\pm$ 0.107 χ^2 /NDF:1057868.5/9

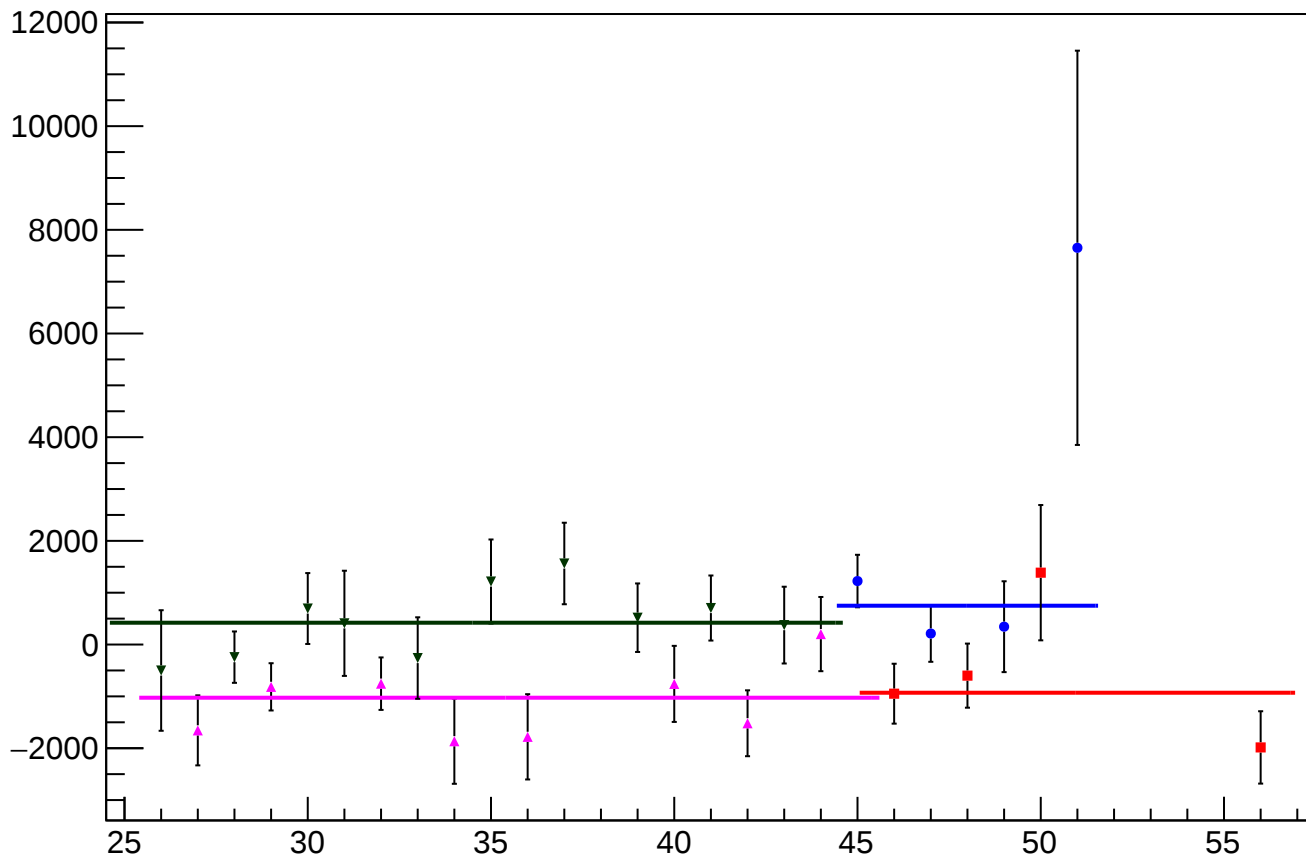
Right Out: 188.867 $\pm$ 0.114 χ^2 /NDF: 802732.9/3

Left In: 324.185 $\pm$ 0.106 χ^2 /NDF:446845.3/7

264.279 $\pm$ 0.079 χ^2 /NDF: 2897943.2/13

261.173 $\pm$ 0.077 χ^2 /NDF: 2008340.1/11

asym_at1_avg_mean vs slug



Right In: 748.904+/-340.232 χ^2/NDF : 5.4/3

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

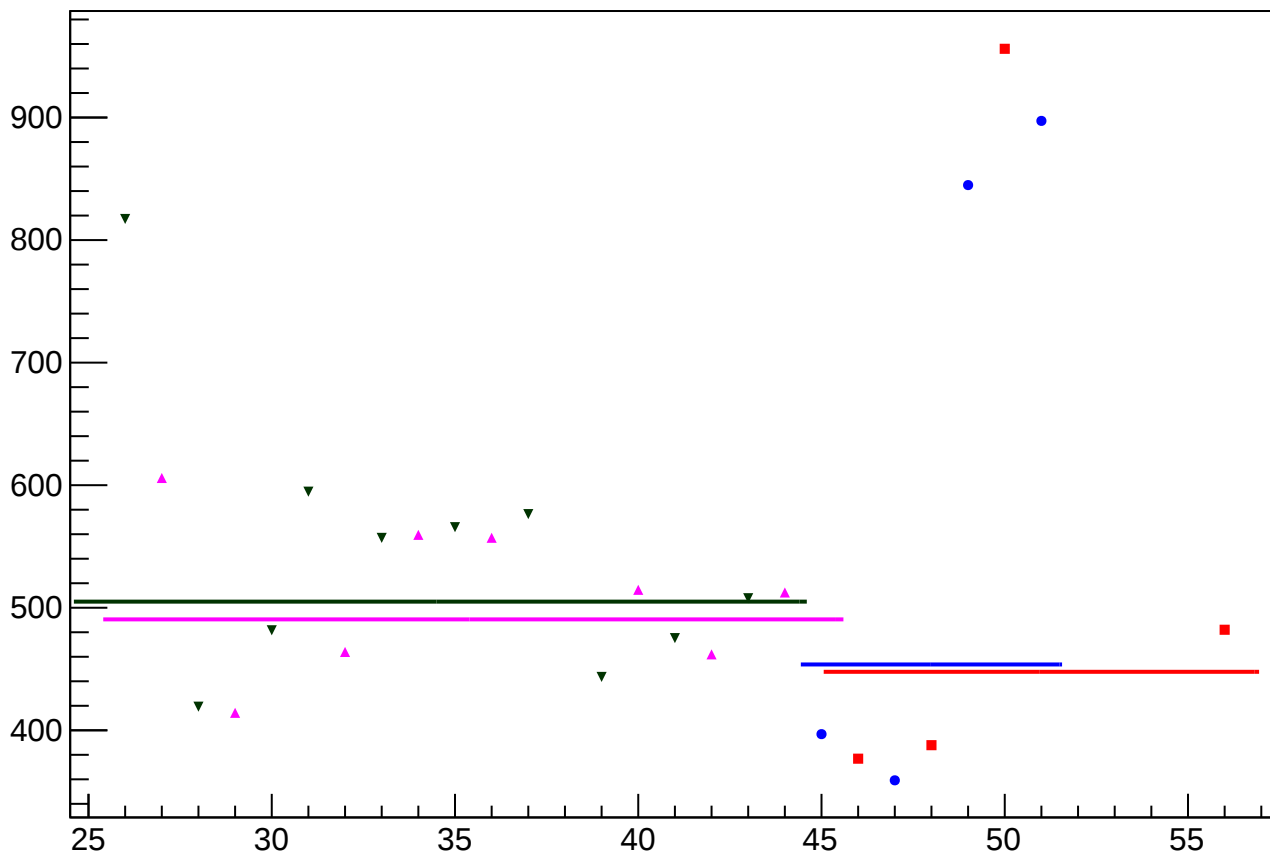
Right Out: -929.637+/-348.132 χ^2/NDF : 5.7/3

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

522.198+/-189.084 χ^2/NDF : 12.6/13

-997.930+/-187.625 χ^2/NDF : 12.7/11

asym_at1_avg_rms vs slug



Right In: 453.723+/-0.241 χ^2/NDF : 511064.6/3

Left Out: 504.992+/-0.161 χ^2/NDF : 280293.6/9

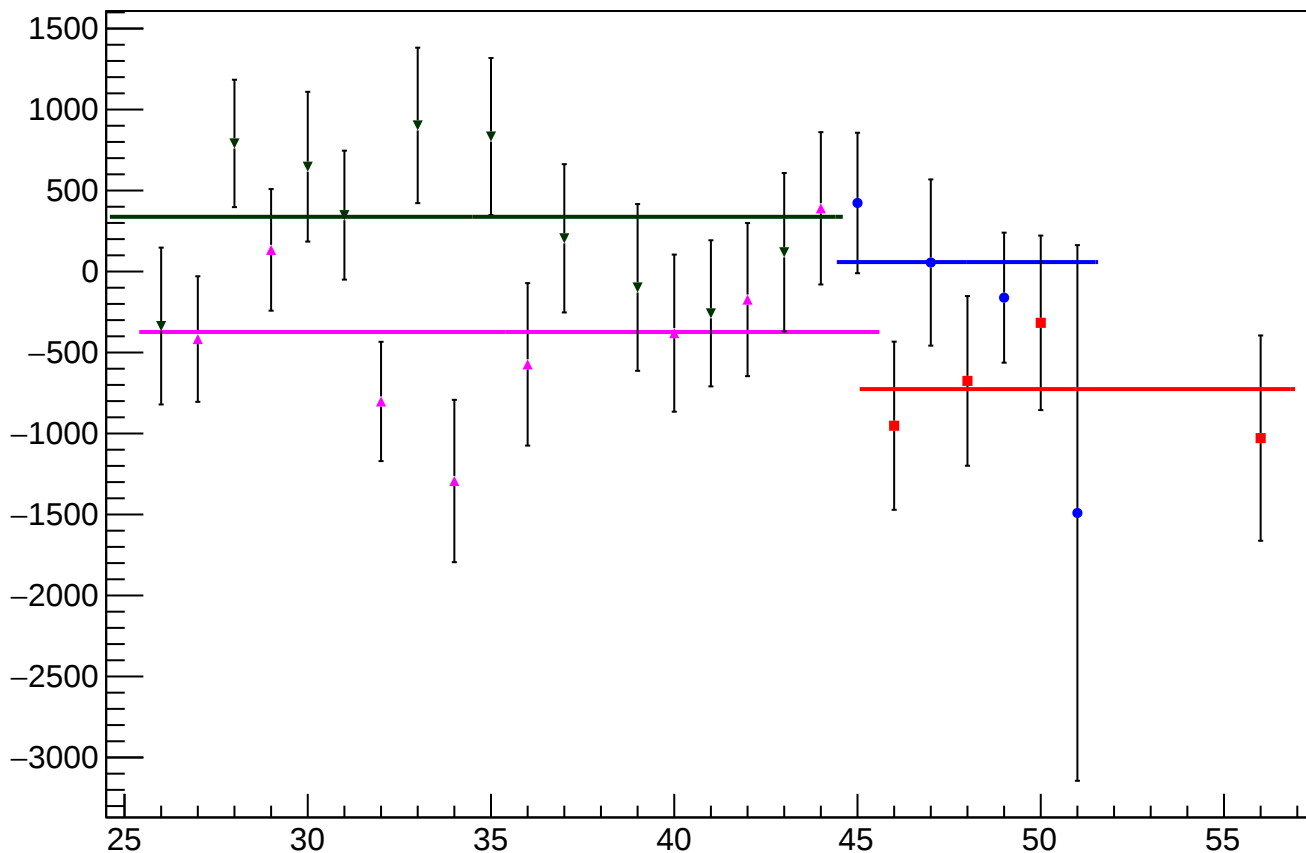
Right Out: 447.729+/-0.246 χ^2/NDF : 357111.9/3

Left In: 490.502+/-0.158 χ^2/NDF : 155145.4/7

489.157+/-0.134 χ^2/NDF : 822745.6/13

478.078+/-0.133 χ^2/NDF : 533679.3/11

reg_asym_at1_dd_mean vs slug



Right In: 58.301 ± 252.457 χ^2/NDF : 1.9/3

Left Out: 337.826 ± 144.392 χ^2/NDF : 8.9/9

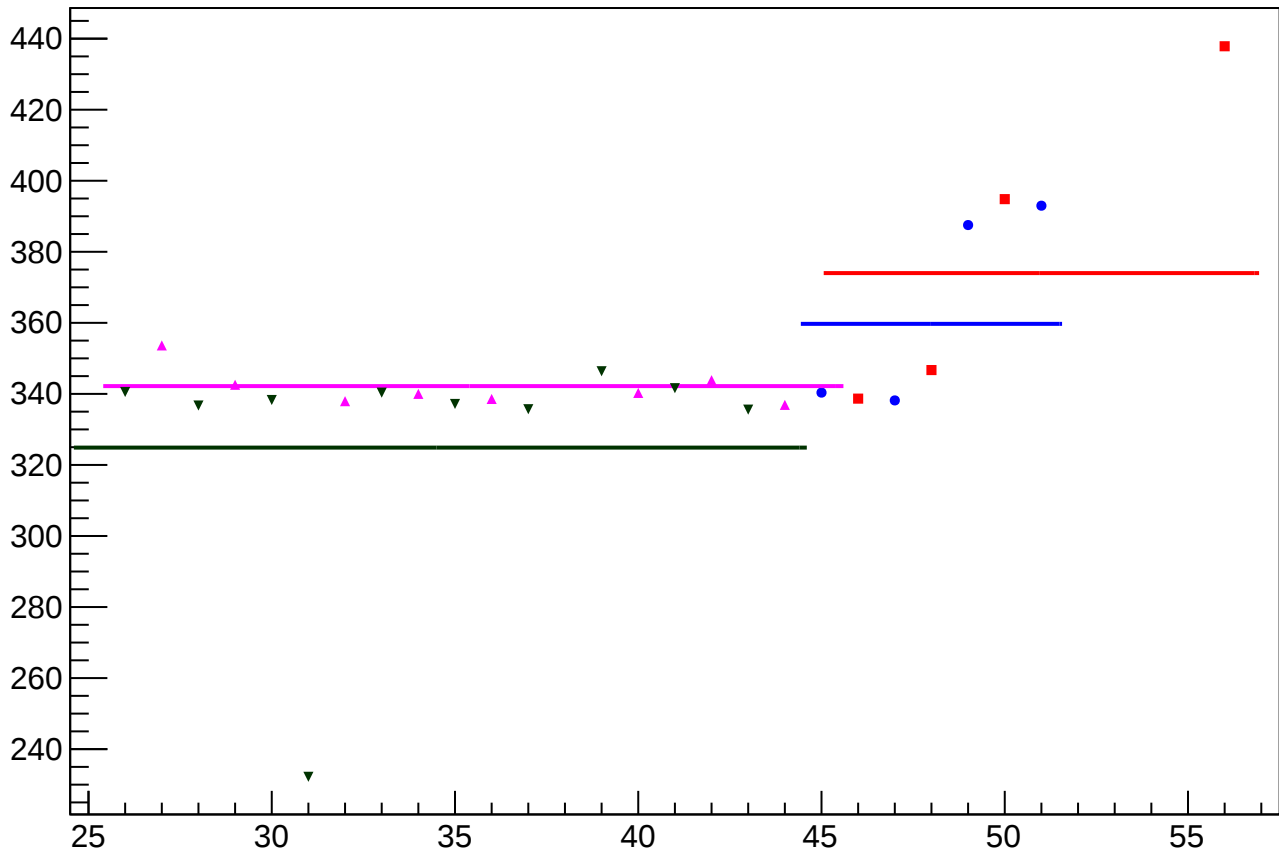
Right Out: -725.782 ± 274.275 χ^2/NDF : 1.0/3

Left In: -373.235 ± 153.688 χ^2/NDF : 9.5/7

268.926 ± 125.339 χ^2/NDF : 11.7/13

-457.478 ± 134.074 χ^2/NDF : 11.8/11

reg_asym_at1_dd_rms vs slug



Right In: 359.716+/-0.179 χ^2/NDF : 17927.3/3

Left Out: 324.881+/-0.102 χ^2/NDF :125698.7/9

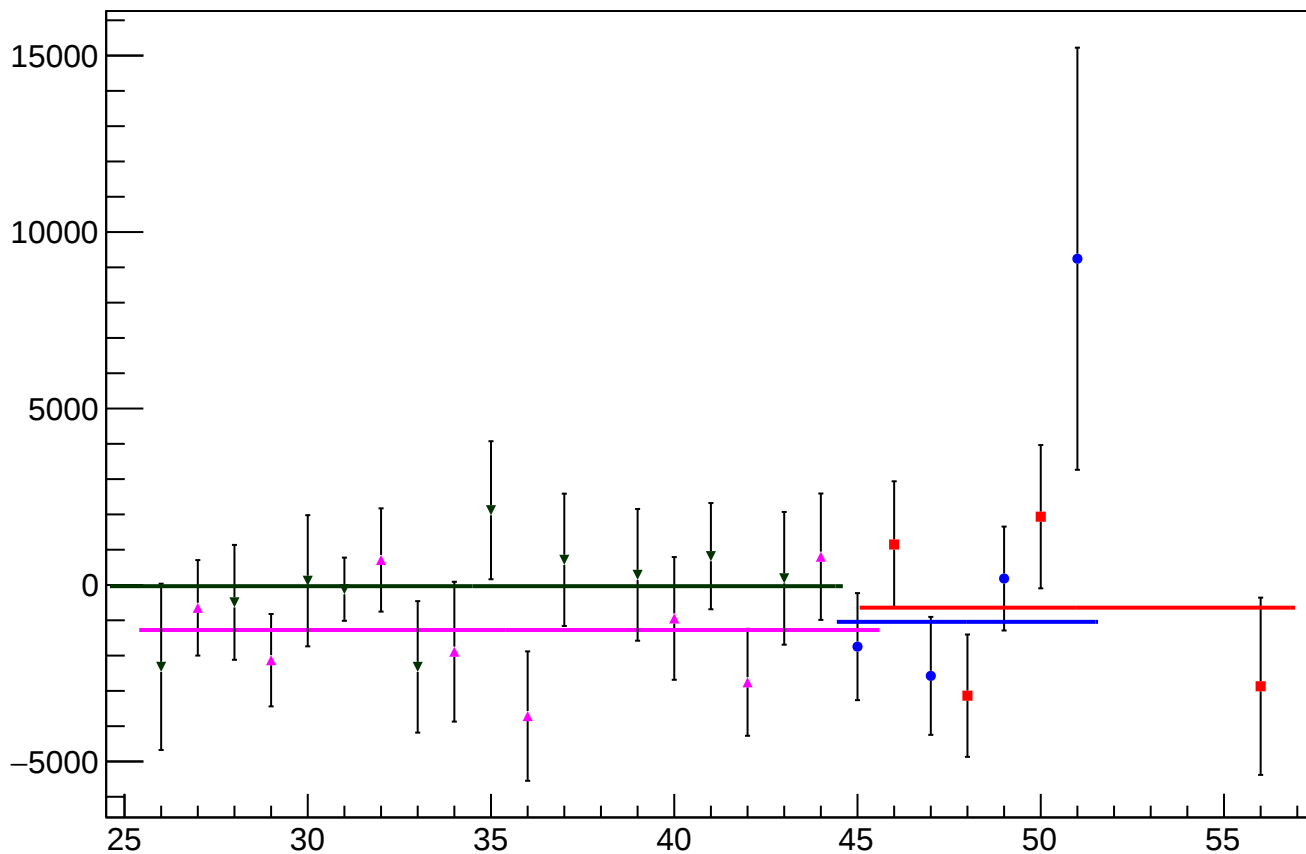
Right Out: 374.006+/-0.194 χ^2/NDF : 37993.6/3

Left In: 342.194+/-0.109 χ^2/NDF :2464.7/7

333.467+/-0.089 χ^2/NDF : 172319.7/13

349.795+/-0.095 χ^2/NDF : 60935.3/11

asym_at1_dd_correction_mean vs slug



Right In: -1043.706 $\pm$ 882.945 χ^2 /NDF: 4.7/3

Left Out: -33.360 $\pm$ 503.702 χ^2 /NDF: 4.3/9

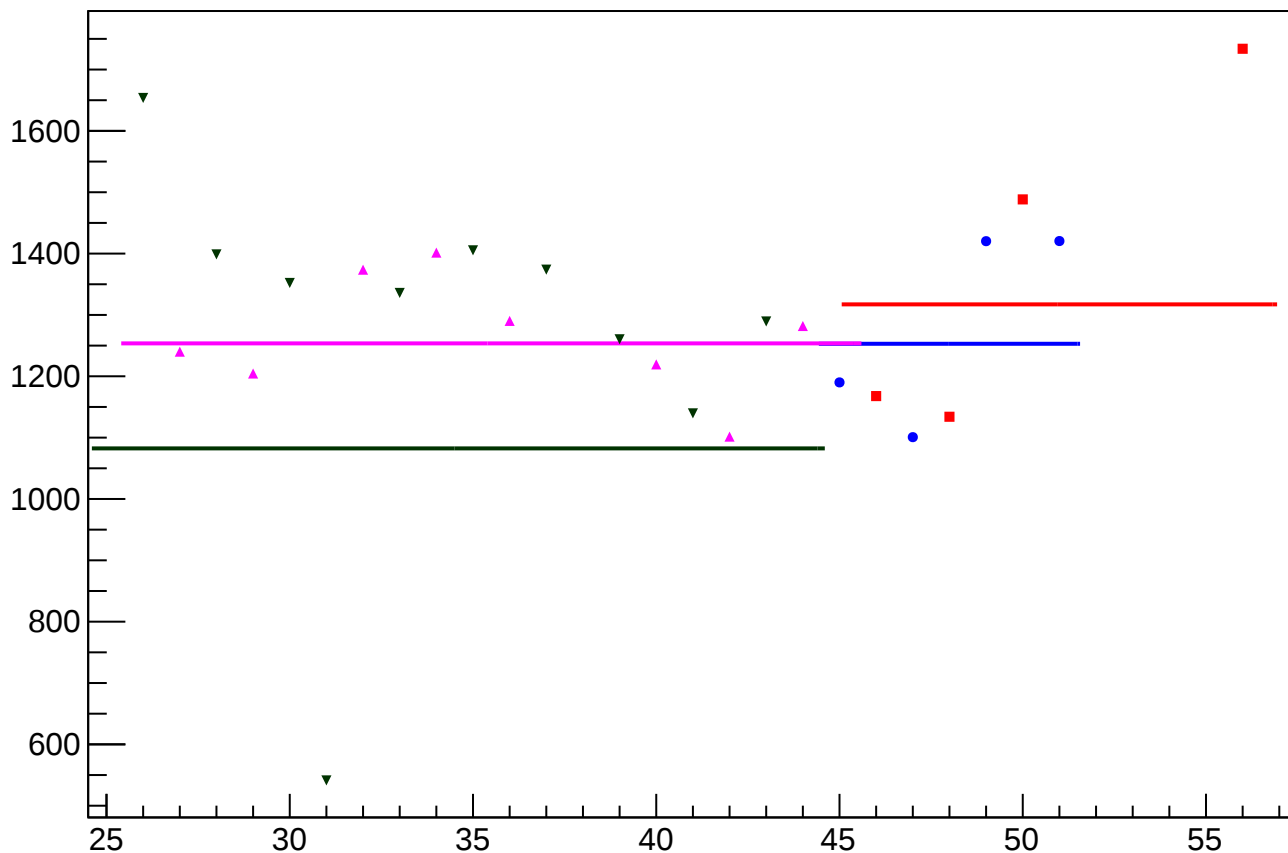
Right Out: -641.860 $\pm$ 977.765 χ^2 /NDF: 5.5/3

Left In: -1275.228 $\pm$ 556.624 χ^2 /NDF: 6.7/7

-281.438 $\pm$ 437.514 χ^2 /NDF: 10.0/13

-1120.205 $\pm$ 483.732 χ^2 /NDF: 12.5/11

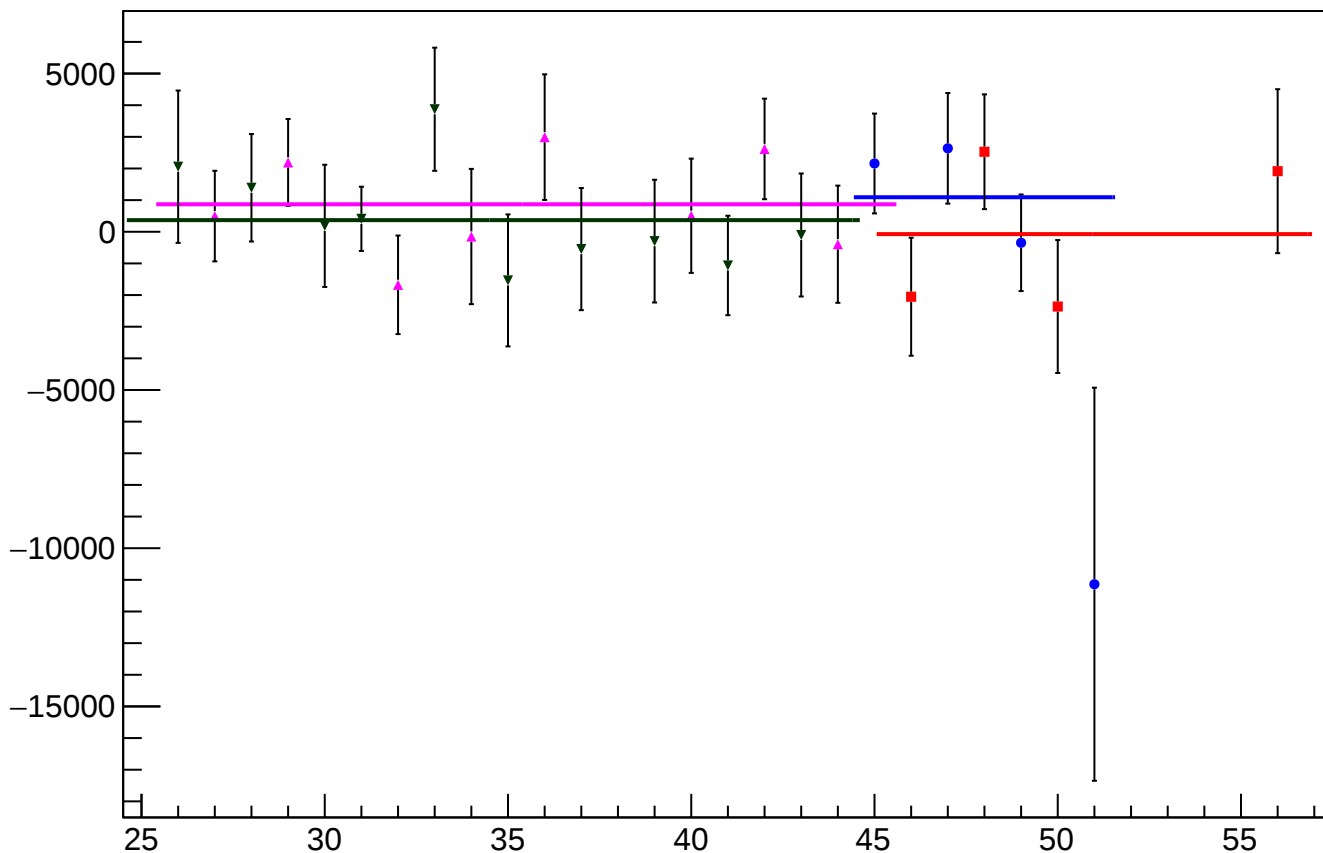
asym_at1_dd_correction_rms vs slug



Right In: 1252.979+/-0.624 χ^2/NDF : 47438.3/3
 Left Out: 1082.447+/-0.356 χ^2/NDF :1151669.7/9
 Right Out: 1317.219+/-0.691 χ^2/NDF : 105549.8/3
 Left In: 1253.630+/-0.394 χ^2/NDF :49852.6/7

1124.319+/-0.309 χ^2/NDF : 1255395.1/13
 1269.194+/-0.342 χ^2/NDF : 161791.0/11

asym_at1_dd_mean vs slug



Right In: 1091.108+/-918.844 χ^2/NDF : 6.0/3

Left Out: 367.665+/-537.785 χ^2/NDF : 6.2/9

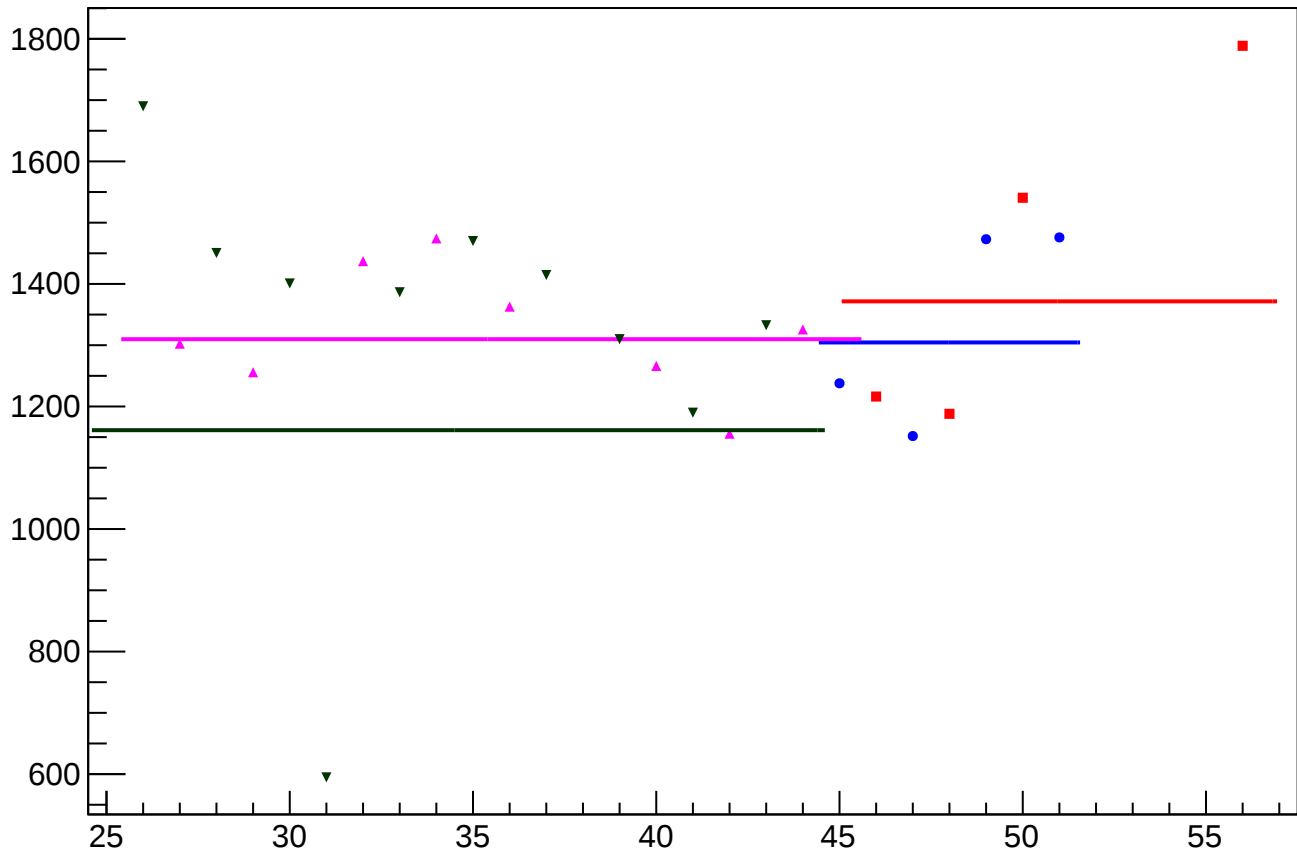
Right Out: -73.659+/-1016.859 χ^2/NDF : 5.0/3

Left In: 868.425+/-587.420 χ^2/NDF : 6.8/7

552.254+/-464.132 χ^2/NDF : 12.6/13

632.702+/-508.648 χ^2/NDF : 12.4/11

asym_at1_dd_rms vs slug



Right In: 1304.495 ± 0.650 χ^2/NDF : 44734.4/3

Left Out: 1161.322 ± 0.380 χ^2/NDF : 942121.1/9

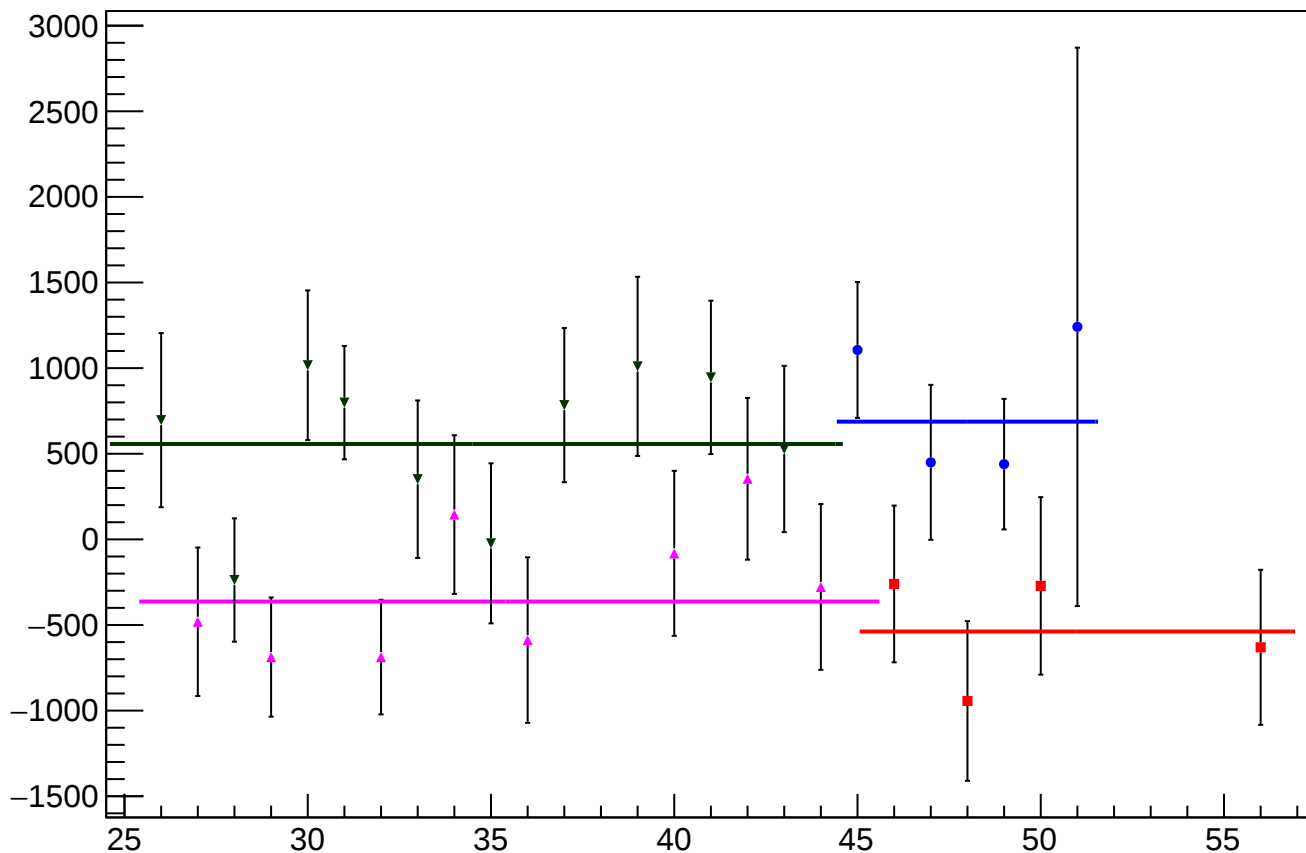
Right Out: 1371.564 ± 0.719 χ^2/NDF : 99158.2/3

Left In: 1309.822 ± 0.415 χ^2/NDF : 49968.8/7

1197.853 ± 0.328 χ^2/NDF : 1023024.2/13

1325.271 ± 0.360 χ^2/NDF : 154655.6/11

reg_asym_at2_avg_mean vs slug



Right In: 687.458 $\pm$ 232.495 χ^2 /NDF: 1.9/3

Left Out: 556.863 $\pm$ 137.272 χ^2 /NDF: 10.1/9

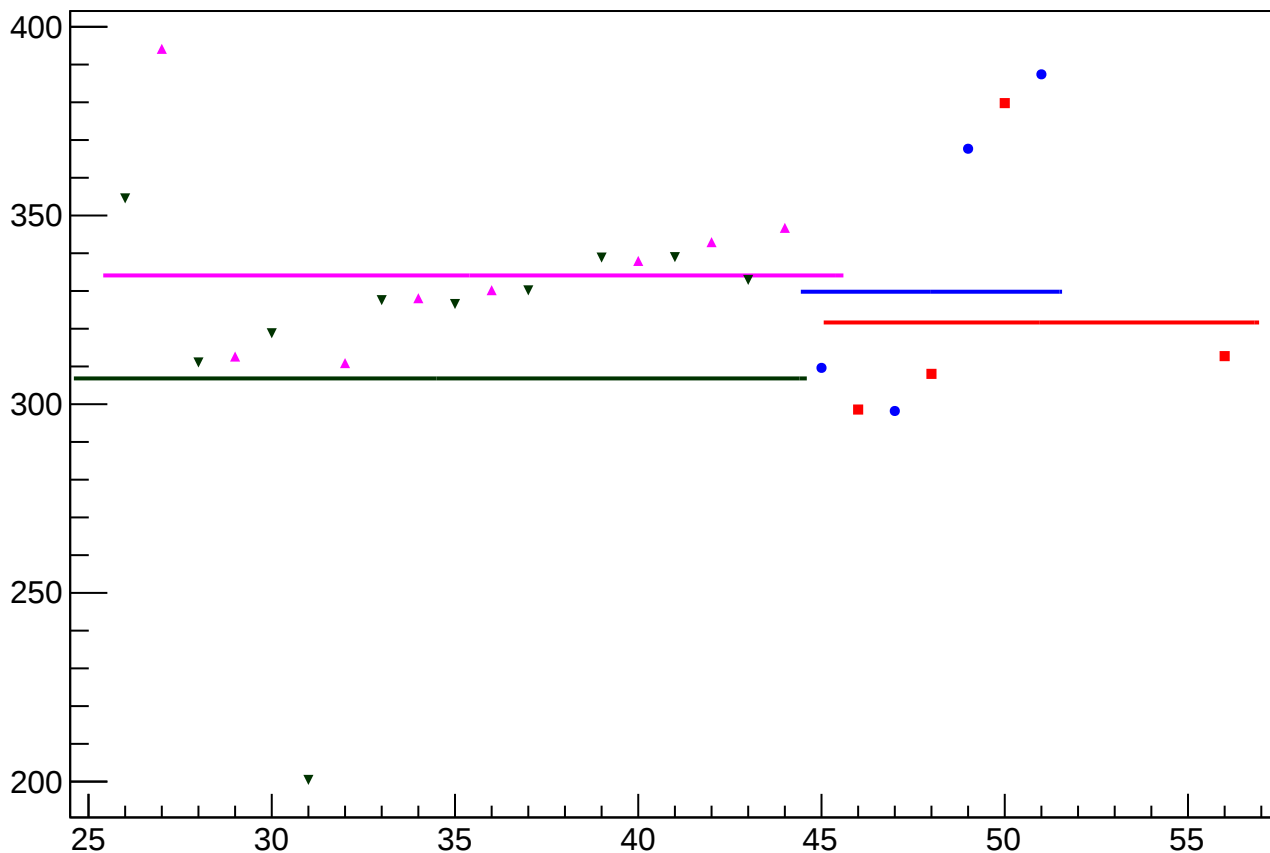
Right Out: -538.098 $\pm$ 235.882 χ^2 /NDF: 1.4/3

Left In: -363.206 $\pm$ 149.925 χ^2 /NDF: 6.0/7

590.621 $\pm$ 118.206 χ^2 /NDF: 12.2/13

-413.529 $\pm$ 126.530 χ^2 /NDF: 7.8/11

reg_asym_at2_avg_rms vs slug



Right In: 329.805+/-0.164 χ^2/NDF : 37191.2/3

Left Out: 306.830+/-0.097 χ^2/NDF :262678.8/9

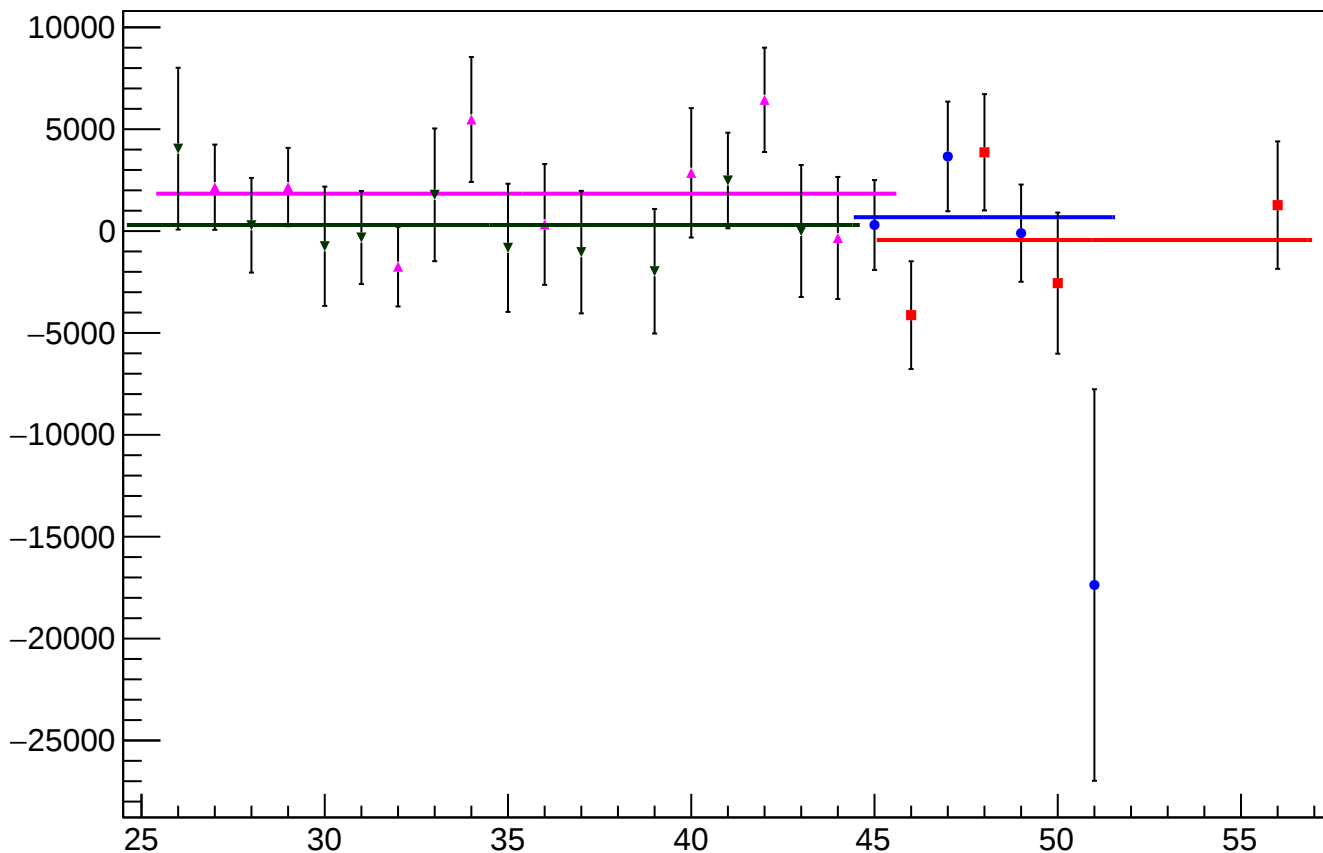
Right Out: 321.655+/-0.167 χ^2/NDF : 32702.3/3

Left In: 334.120+/-0.106 χ^2/NDF :58261.7/7

312.769+/-0.084 χ^2/NDF : 314351.6/13

330.533+/-0.089 χ^2/NDF : 94941.6/11

asym_at2_avg_correction_mean vs slug



Right In: 682.164+/-1372.875 χ^2/NDF : 4.9/3

Left Out: 298.949+/-895.409 χ^2/NDF : 3.0/9

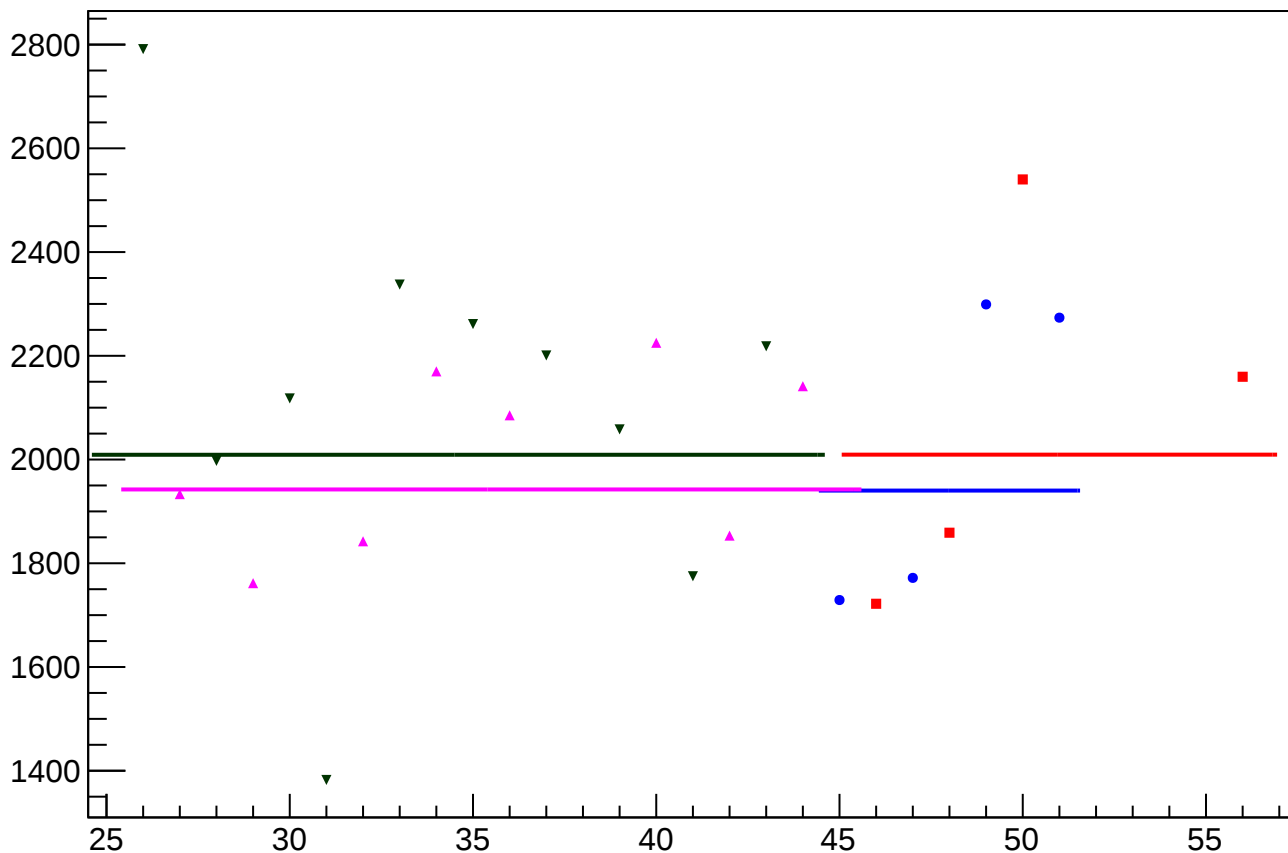
Right Out: -438.799+/-1488.475 χ^2/NDF : 4.9/3

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

413.314+/-749.990 χ^2/NDF : 8.0/13

1264.752+/-746.199 χ^2/NDF : 15.6/11

asym_at2_avg_correction_rms vs slug



Right In: 1940.158 ± 0.971 χ^2/NDF : 73847.9/3

Left Out: 2009.181 ± 0.633 χ^2/NDF : 301244.6/9

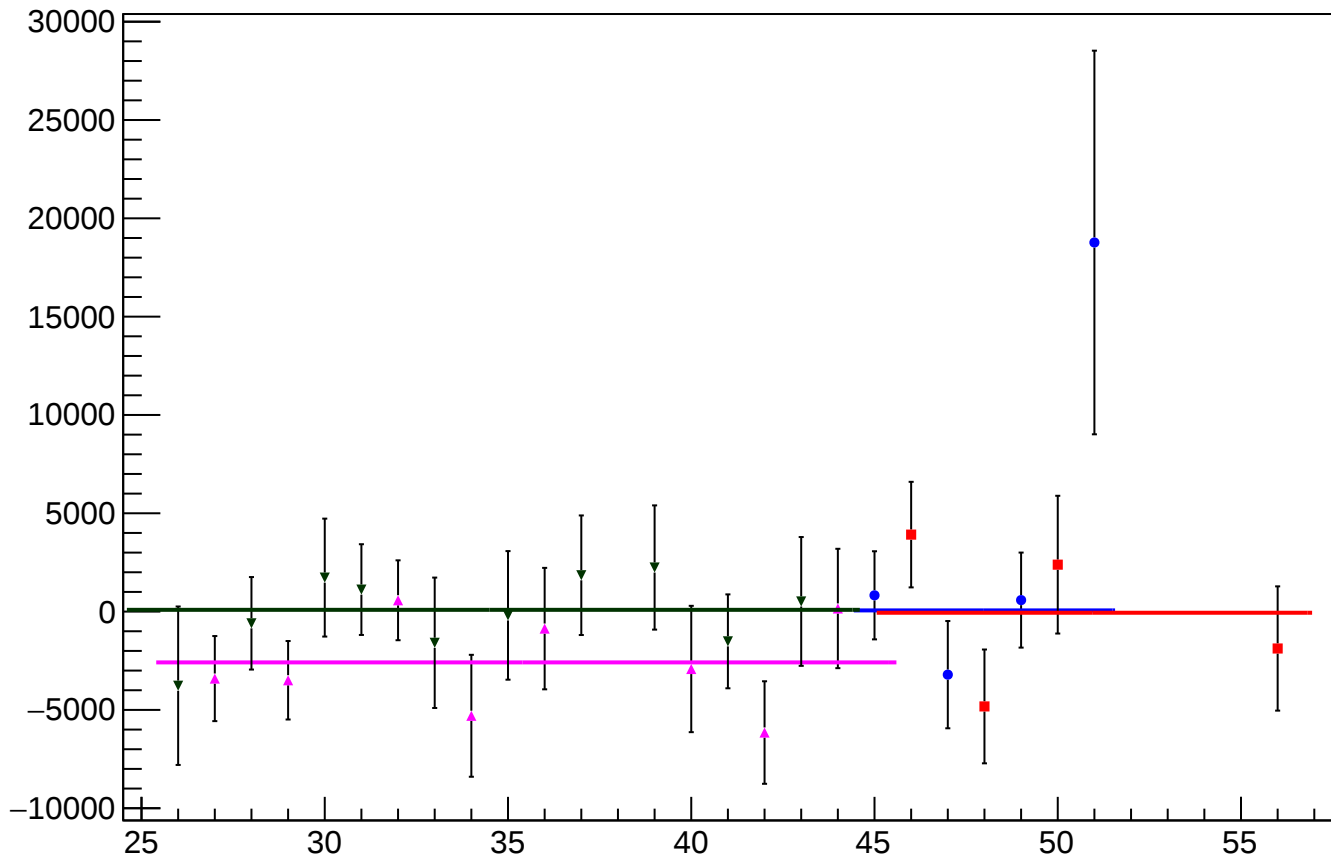
Right Out: 2009.425 ± 1.053 χ^2/NDF : 80749.7/3

Left In: 1942.327 ± 0.610 χ^2/NDF : 65743.5/7

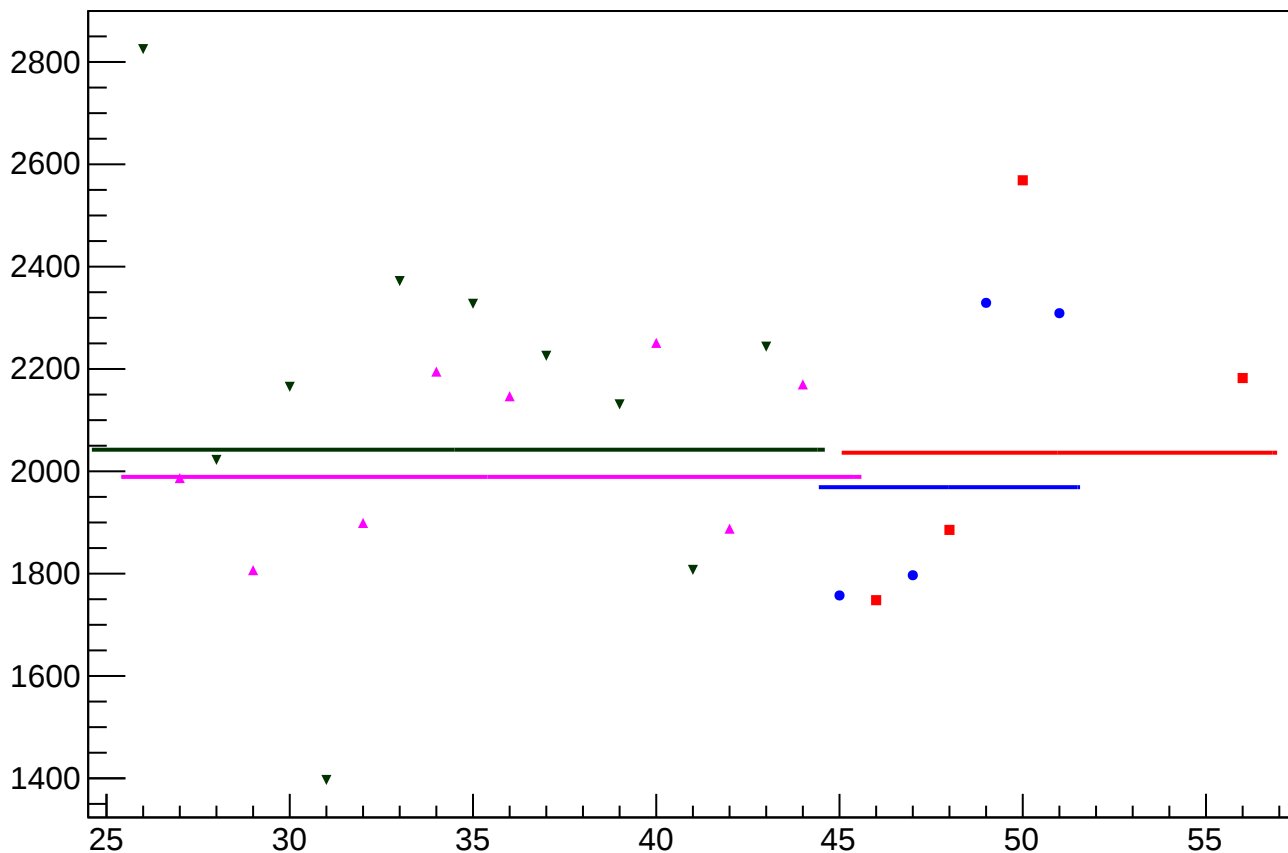
1988.582 ± 0.530 χ^2/NDF : 378639.3/13

1959.190 ± 0.528 χ^2/NDF : 149536.0/11

asym_at2_avg_mean vs slug



asym_at2_avg_rms vs slug



Right In: 1968.986+/-0.985 χ^2/NDF : 72686.0/3

Left Out: 2042.242+/-0.645 χ^2/NDF : 306288.1/9

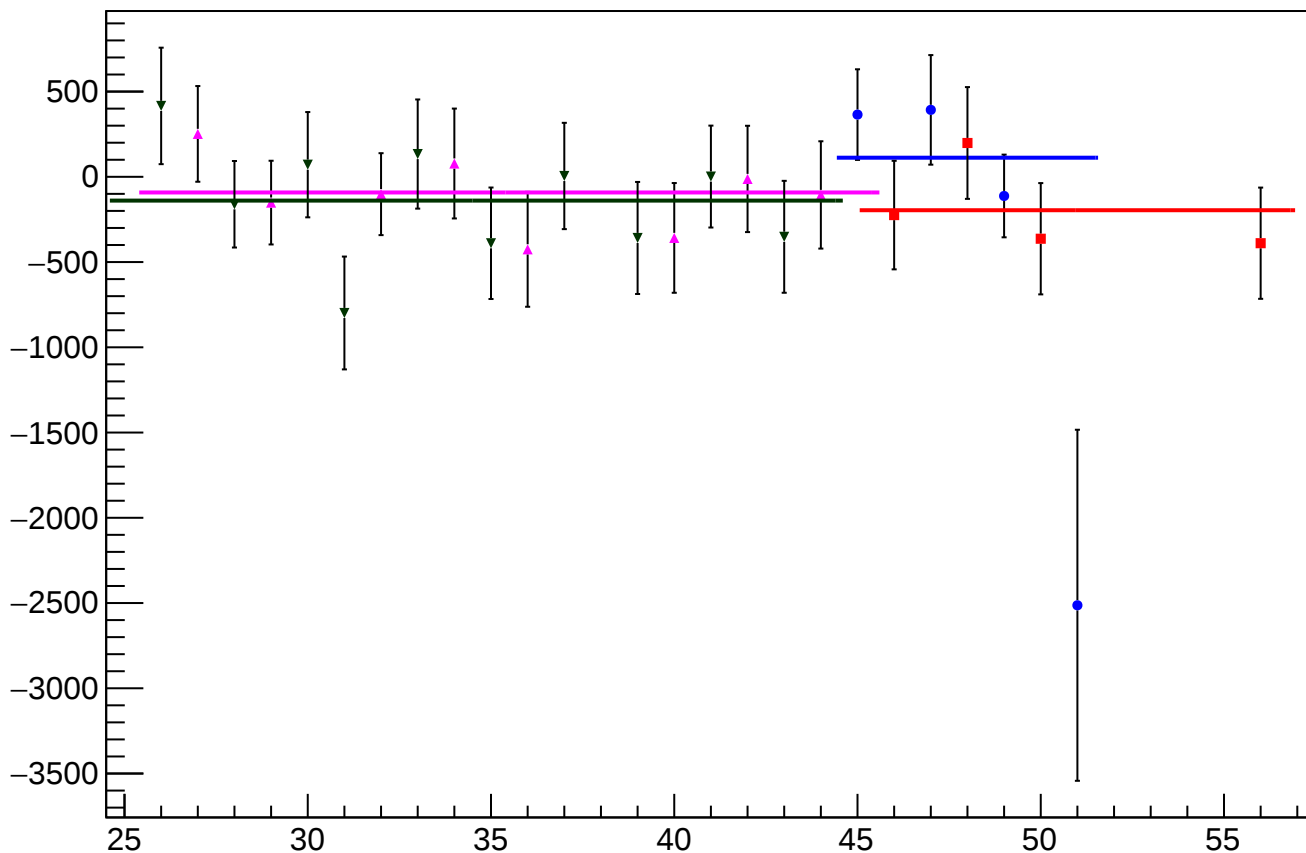
Right Out: 2036.354+/-1.066 χ^2/NDF : 78963.8/3

Left In: 1989.107+/-0.628 χ^2/NDF : 58031.4/7

2020.270+/-0.539 χ^2/NDF : 382846.1/13

2001.271+/-0.541 χ^2/NDF : 138453.2/11

reg_asym_at2_dd_mean vs slug



Right In: 112.122 $\pm$ 154.690 χ^2 /NDF: 9.0/3

Left Out: -139.503 $\pm$ 98.600 χ^2 /NDF: 9.7/9

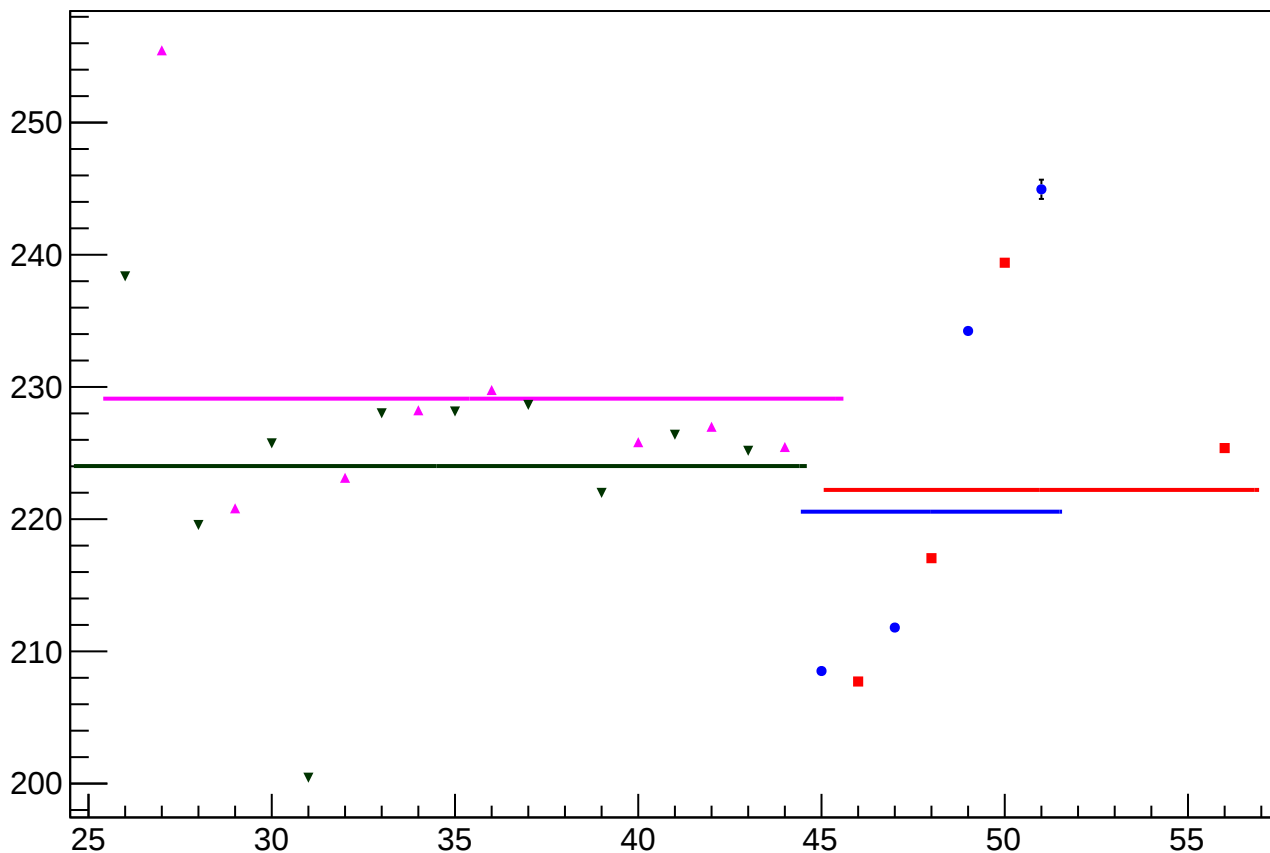
Right Out: -195.962 $\pm$ 162.318 χ^2 /NDF: 2.1/3

Left In: -91.824 $\pm$ 102.556 χ^2 /NDF: 3.6/7

-66.807 $\pm$ 83.146 χ^2 /NDF: 20.6/13

-121.535 $\pm$ 86.700 χ^2 /NDF: 5.9/11

reg_asym_at2_dd_rms vs slug



Right In: 220.566 $\pm$ 0.109 χ^2 /NDF: 13079.6/3

Left Out: 224.018 $\pm$ 0.070 χ^2 /NDF:15653.5/9

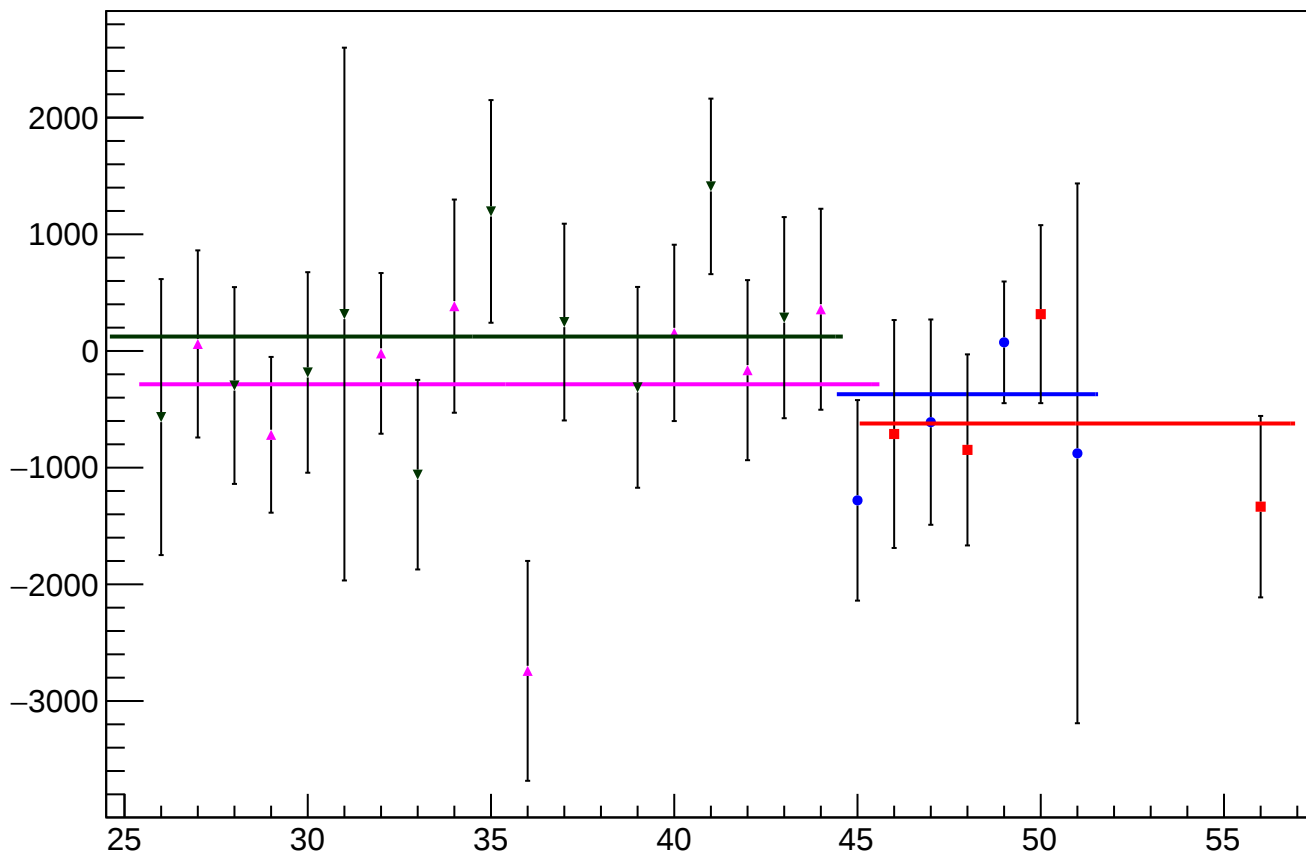
Right Out: 222.213 $\pm$ 0.115 χ^2 /NDF: 10373.2/3

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF:21746.8/7

223.020 $\pm$ 0.059 χ^2 /NDF: 29441.2/13

227.146 $\pm$ 0.061 χ^2 /NDF: 34705.4/11

asym_at2_dd_correction_mean vs slug



Right In: -370.546 ± 391.910 $\chi^2/\text{NDF}: 2.0/3$

Left Out: 123.706 ± 286.884 $\chi^2/\text{NDF}: 7.4/9$

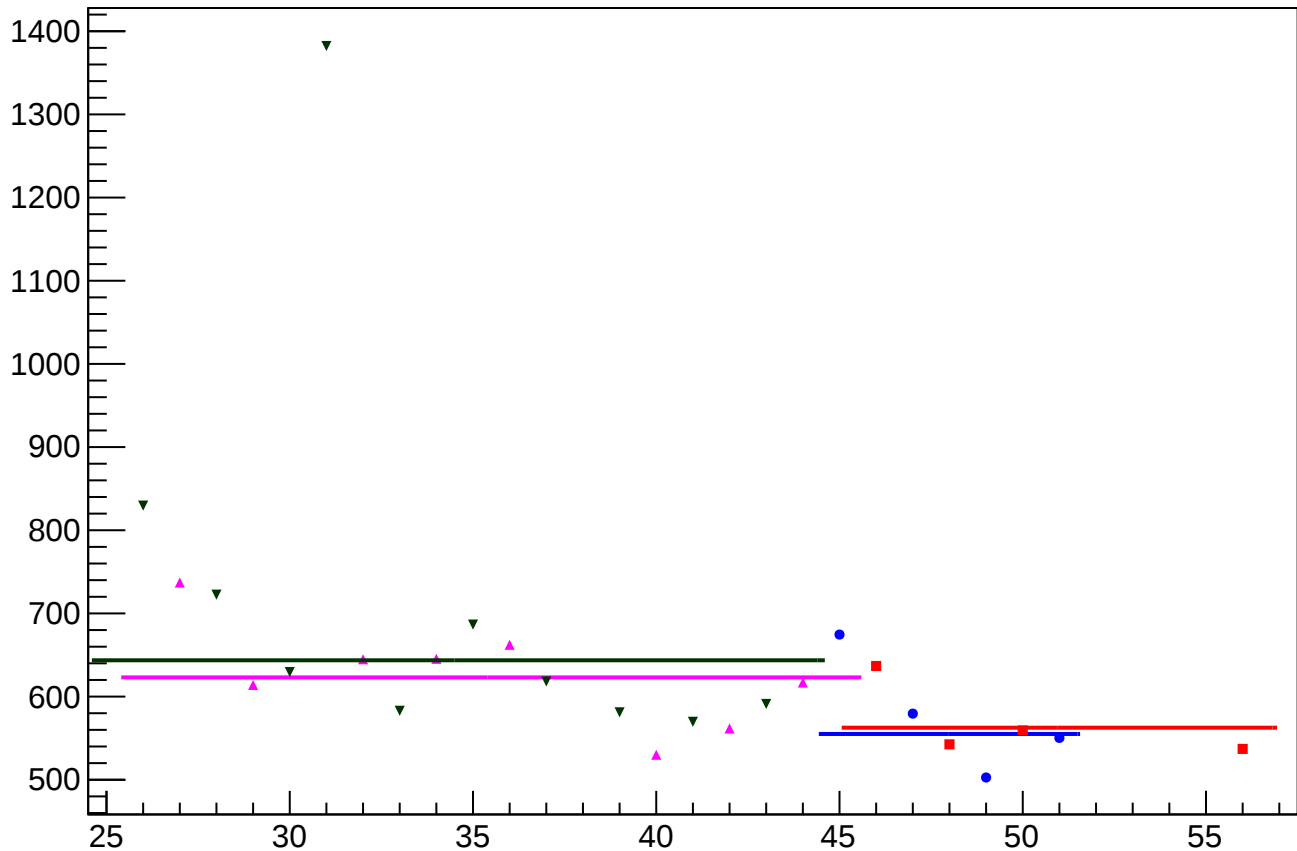
Right Out: -621.585 ± 411.280 $\chi^2/\text{NDF}: 2.4/3$

Left In: -285.318 ± 277.235 $\chi^2/\text{NDF}: 9.0/7$

-48.735 ± 231.490 $\chi^2/\text{NDF}: 10.4/13$

-390.375 ± 229.884 $\chi^2/\text{NDF}: 11.9/11$

asym_at2_dd_correction_rms vs slug



Right In: 555.062 ± 0.277 χ^2/NDF : 60368.3/3

Left Out: 643.644 ± 0.203 χ^2/NDF : 331127.9/9

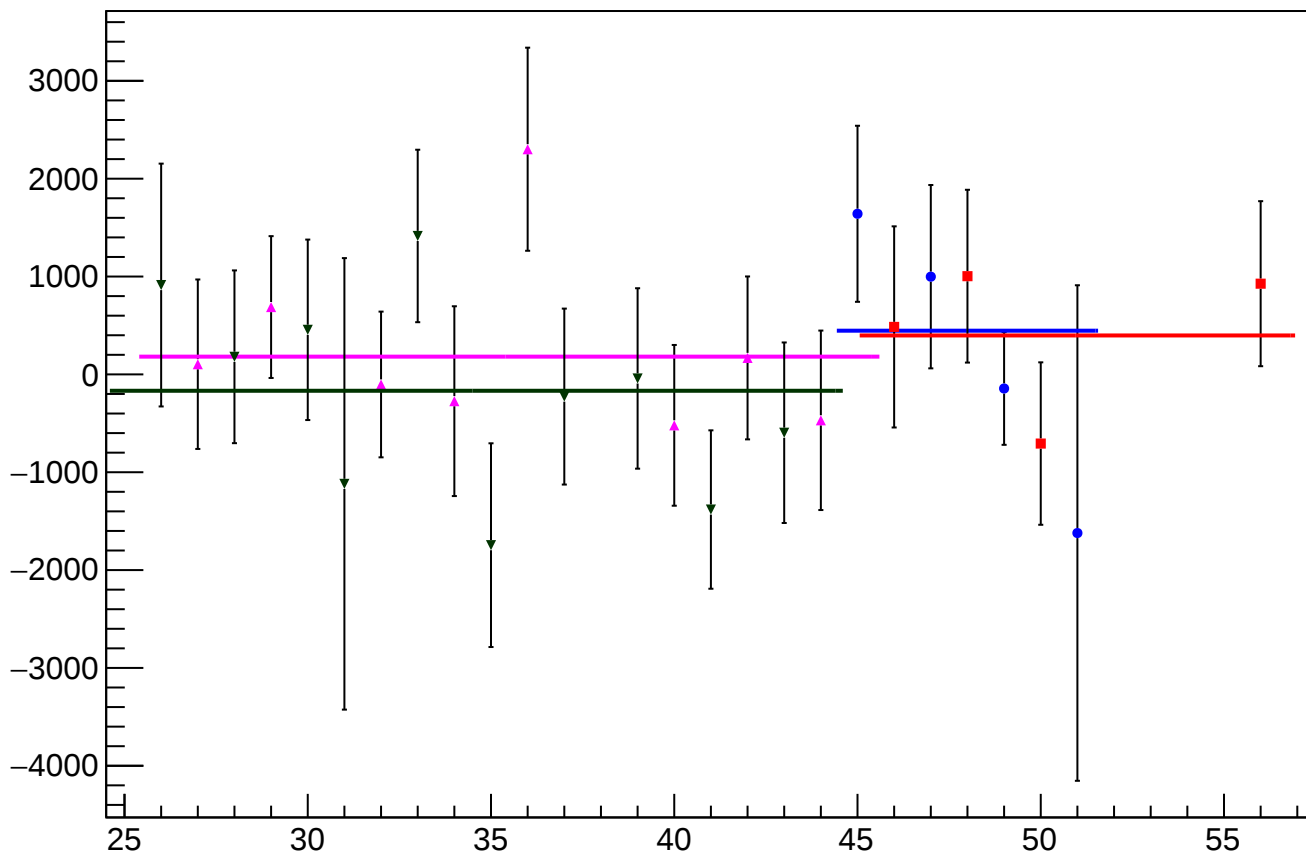
Right Out: 562.607 ± 0.291 χ^2/NDF : 14916.9/3

Left In: 623.079 ± 0.196 χ^2/NDF : 90546.5/7

612.738 ± 0.164 χ^2/NDF : 458024.1/13

604.186 ± 0.163 χ^2/NDF : 135192.2/11

asym_at2_dd_mean vs slug



Right In: 446.576 ± 424.573 χ^2/NDF : 3.8/3

Left Out: -167.454 ± 306.843 χ^2/NDF : 9.5/9

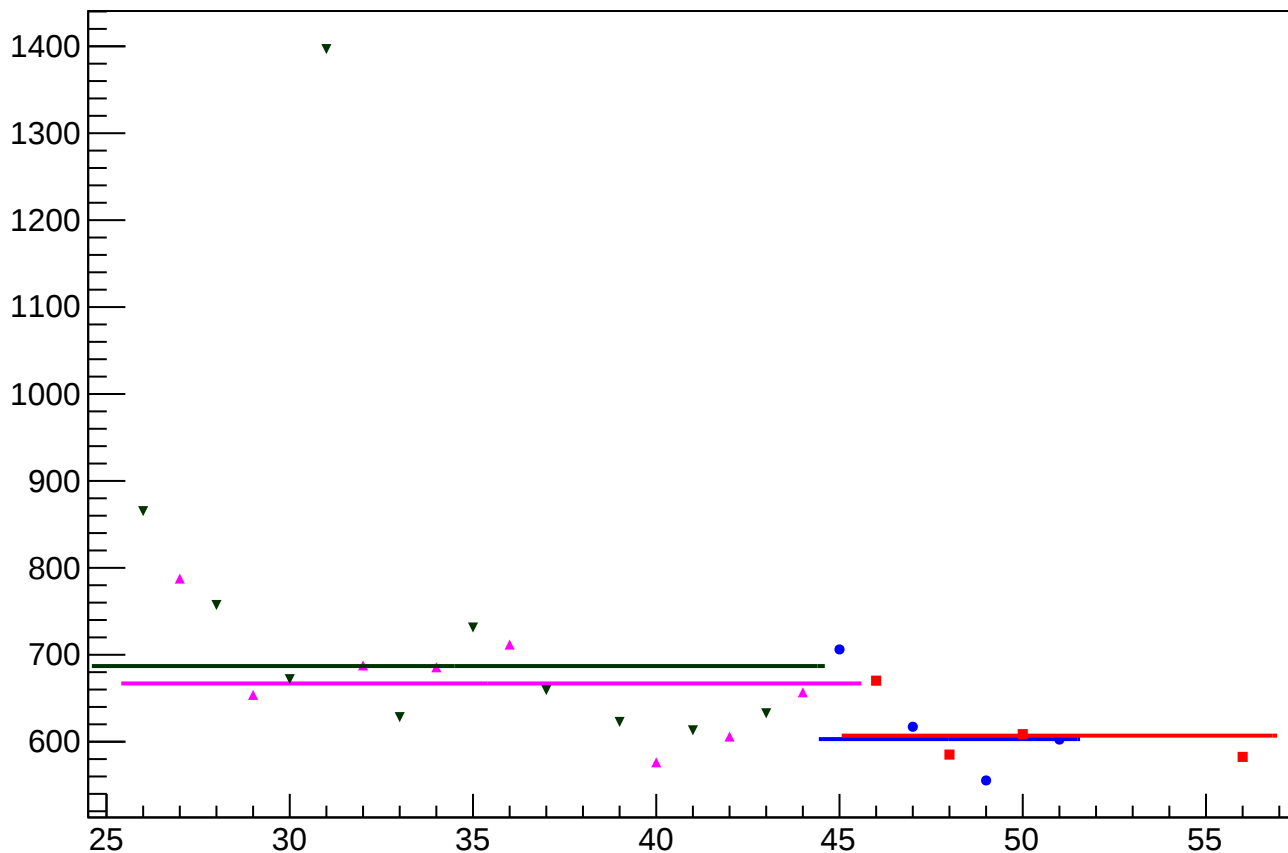
Right Out: 397.886 ± 443.398 χ^2/NDF : 2.6/3

Left In: 181.369 ± 299.524 χ^2/NDF : 6.3/7

43.222 ± 248.694 χ^2/NDF : 14.8/13

249.212 ± 248.200 χ^2/NDF : 9.1/11

asym_at2_dd_rms vs slug



Right In: 603.006 ± 0.300 χ^2/NDF : 40396.6/3

Left Out: 687.034 ± 0.217 χ^2/NDF : 291456.1/9

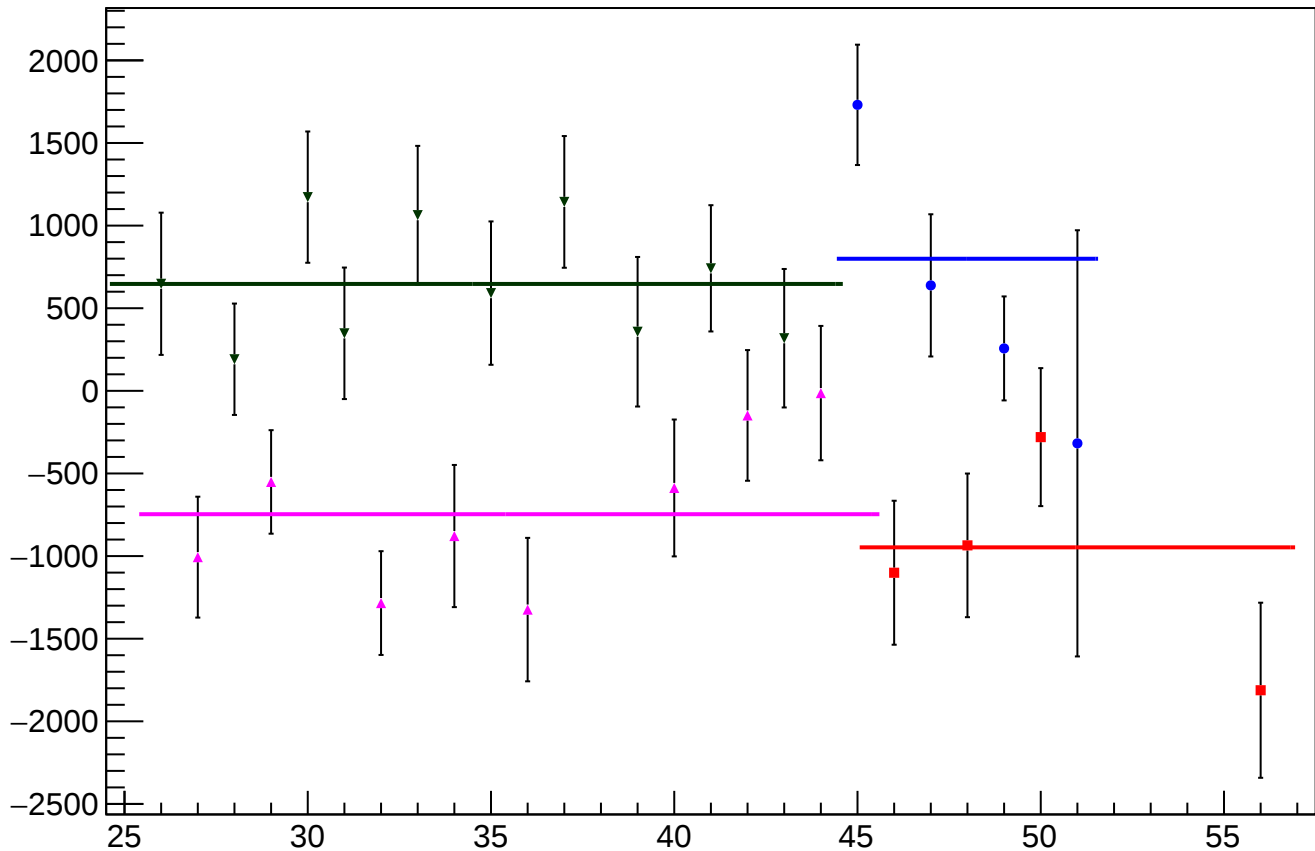
Right Out: 606.990 ± 0.314 χ^2/NDF : 10476.9/3

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

658.204 ± 0.176 χ^2/NDF : 383312.6/13

648.209 ± 0.176 χ^2/NDF : 116520.0/11

reg_asym_atl1r2_avg_mean vs slug



Right In: 799.375 ± 205.670 χ^2/NDF : 10.4/3

Left Out: 646.945 ± 127.436 χ^2/NDF : 7.8/9

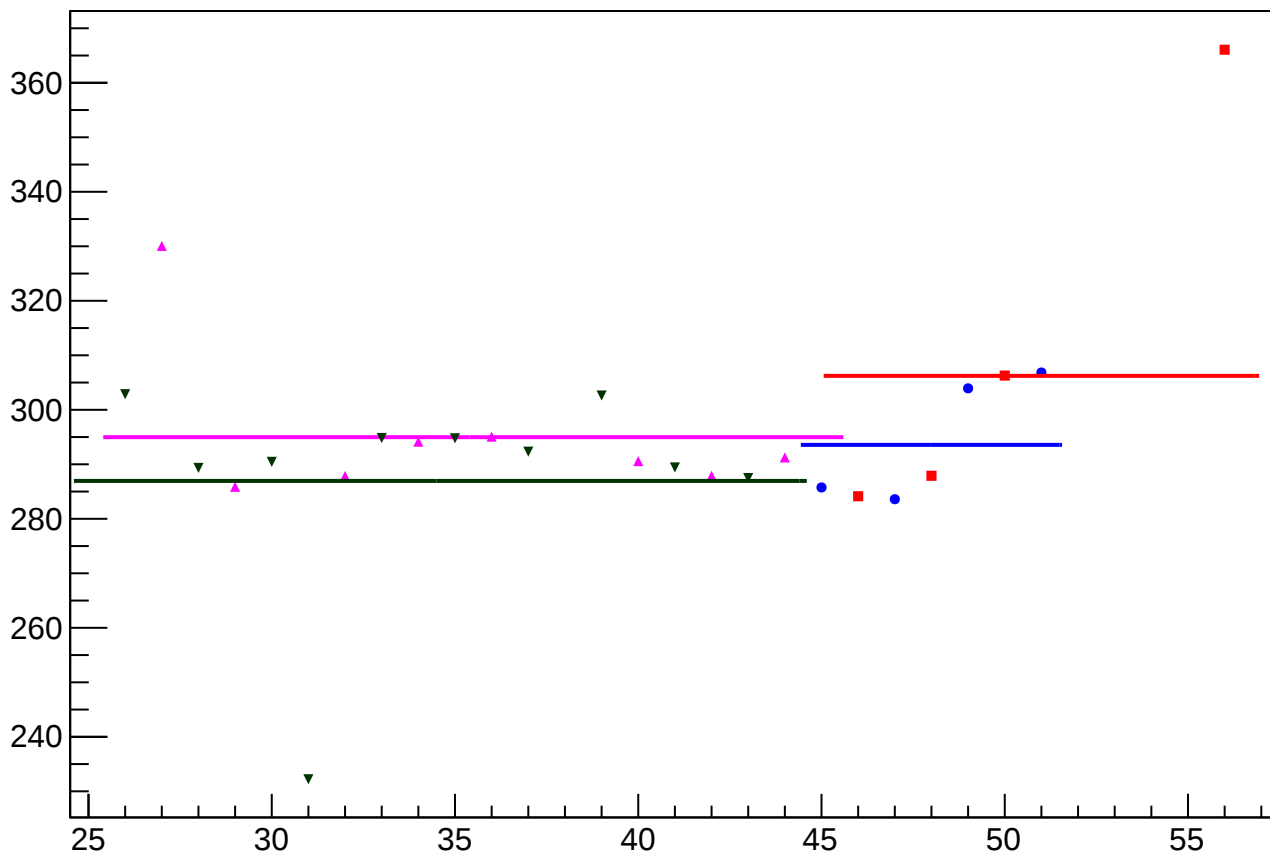
Right Out: -947.158 ± 224.404 χ^2/NDF : 5.3/3

Left In: -746.580 ± 132.693 χ^2/NDF : 11.4/7

689.231 ± 108.327 χ^2/NDF : 18.6/13

-798.544 ± 114.219 χ^2/NDF : 17.3/11

reg_asym_atl1r2_avg_rms vs slug



Right In: 293.566 ± 0.145 χ^2/NDF : 4379.7/3

Left Out: 286.953 ± 0.090 χ^2/NDF : 45031.7/9

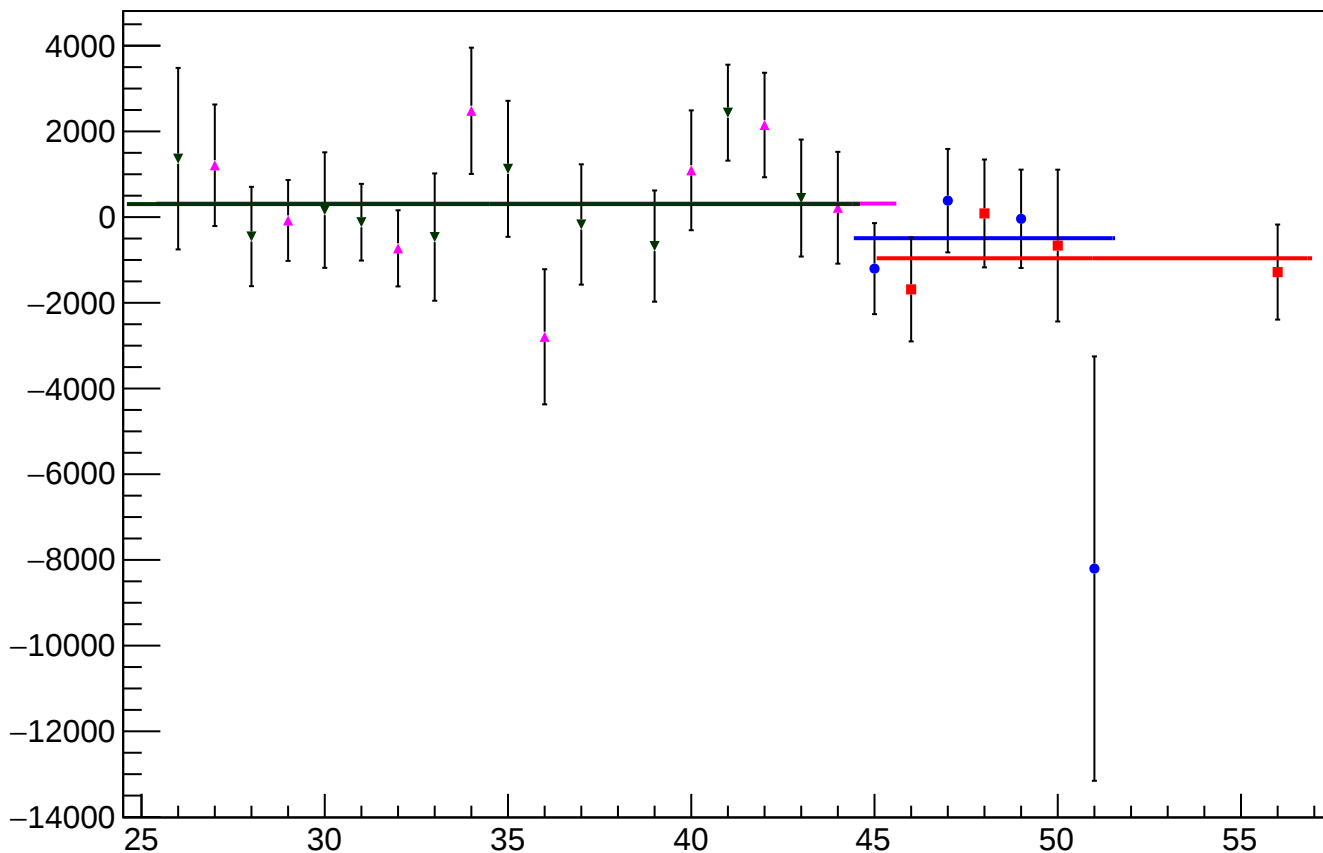
Right Out: 306.231 ± 0.159 χ^2/NDF : 34207.2/3

Left In: 294.977 ± 0.094 χ^2/NDF : 22175.8/7

288.787 ± 0.077 χ^2/NDF : 50905.7/13

297.892 ± 0.081 χ^2/NDF : 60109.9/11

asym_atl1r2_avg_correction_mean vs slug



Right In: -492.036 ± 649.308 χ^2/NDF : 3.6/3

Left Out: 303.959 ± 406.510 χ^2/NDF : 5.8/9

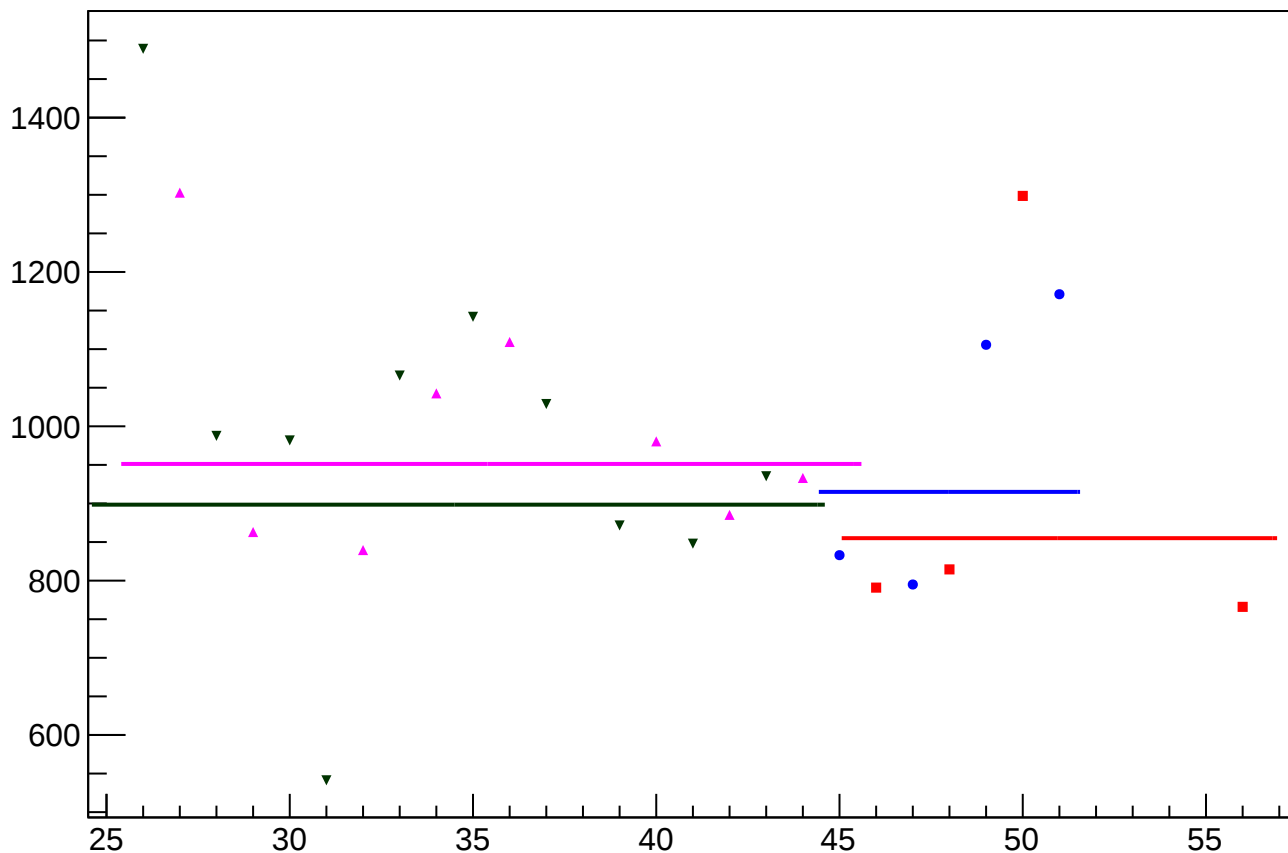
Right Out: -960.218 ± 640.067 χ^2/NDF : 1.2/3

Left In: 315.709 ± 425.643 χ^2/NDF : 10.6/7

79.816 ± 344.554 χ^2/NDF : 10.4/13

-75.522 ± 354.429 χ^2/NDF : 14.5/11

asym_atl1r2_avg_correction_rms vs slug



Right In: 915.022+/-0.459 χ^2/NDF : 92182.0/3

Left Out: 898.453+/-0.287 χ^2/NDF : 589701.9/9

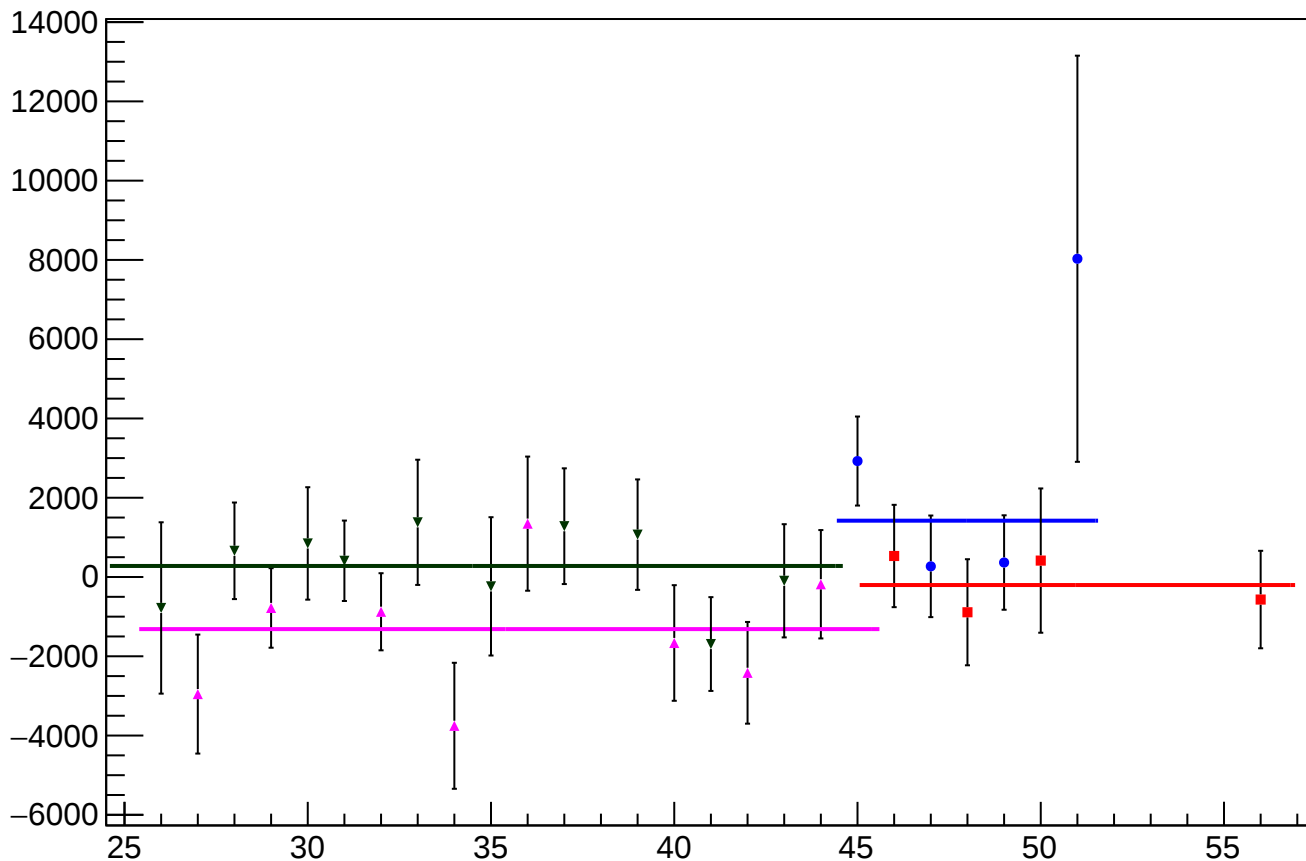
Right Out: 855.036+/-0.453 χ^2/NDF : 145908.9/3

Left In: 951.224+/-0.301 χ^2/NDF : 206752.8/7

903.119+/-0.244 χ^2/NDF : 682819.5/13

921.731+/-0.251 χ^2/NDF : 383979.8/11

asym_atl1r2_avg_mean vs slug



Right In: 1421.120+/-682.955 $\chi^2/\text{NDF}: 5.1/3$

Left Out: 278.652+/-435.403 $\chi^2/\text{NDF}: 4.7/9$

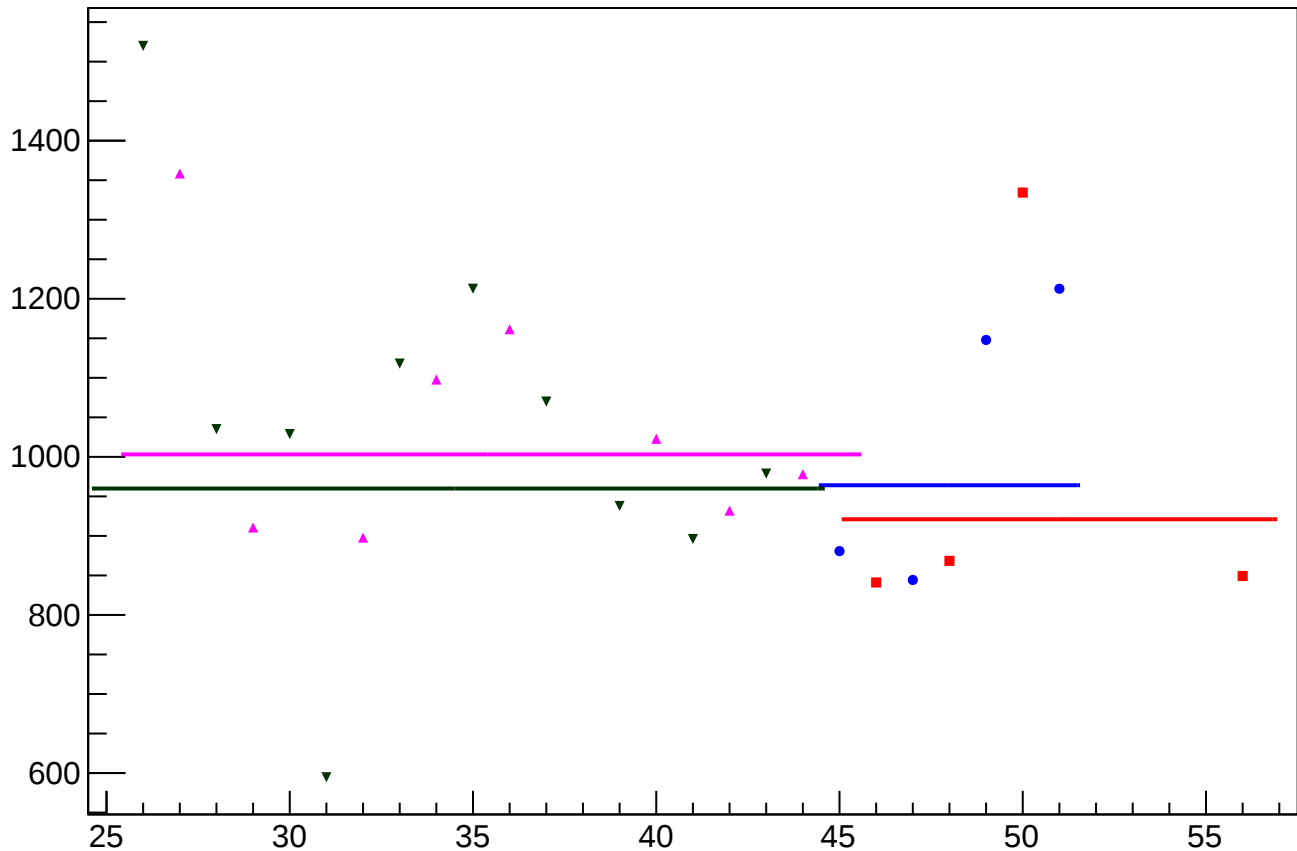
Right Out: -202.502+/-686.531 $\chi^2/\text{NDF}: 0.8/3$

Left In: -1314.458+/-454.003 $\chi^2/\text{NDF}: 8.0/7$

608.810+/-367.139 $\chi^2/\text{NDF}: 11.8/13$

-976.135+/-378.688 $\chi^2/\text{NDF}: 10.6/11$

asym_atl1r2_avg_rms vs slug



Right In: 964.089 $\pm$ 0.483 χ^2/NDF : 80801.6/3

Left Out: 959.970 $\pm$ 0.308 χ^2/NDF : 485856.9/9

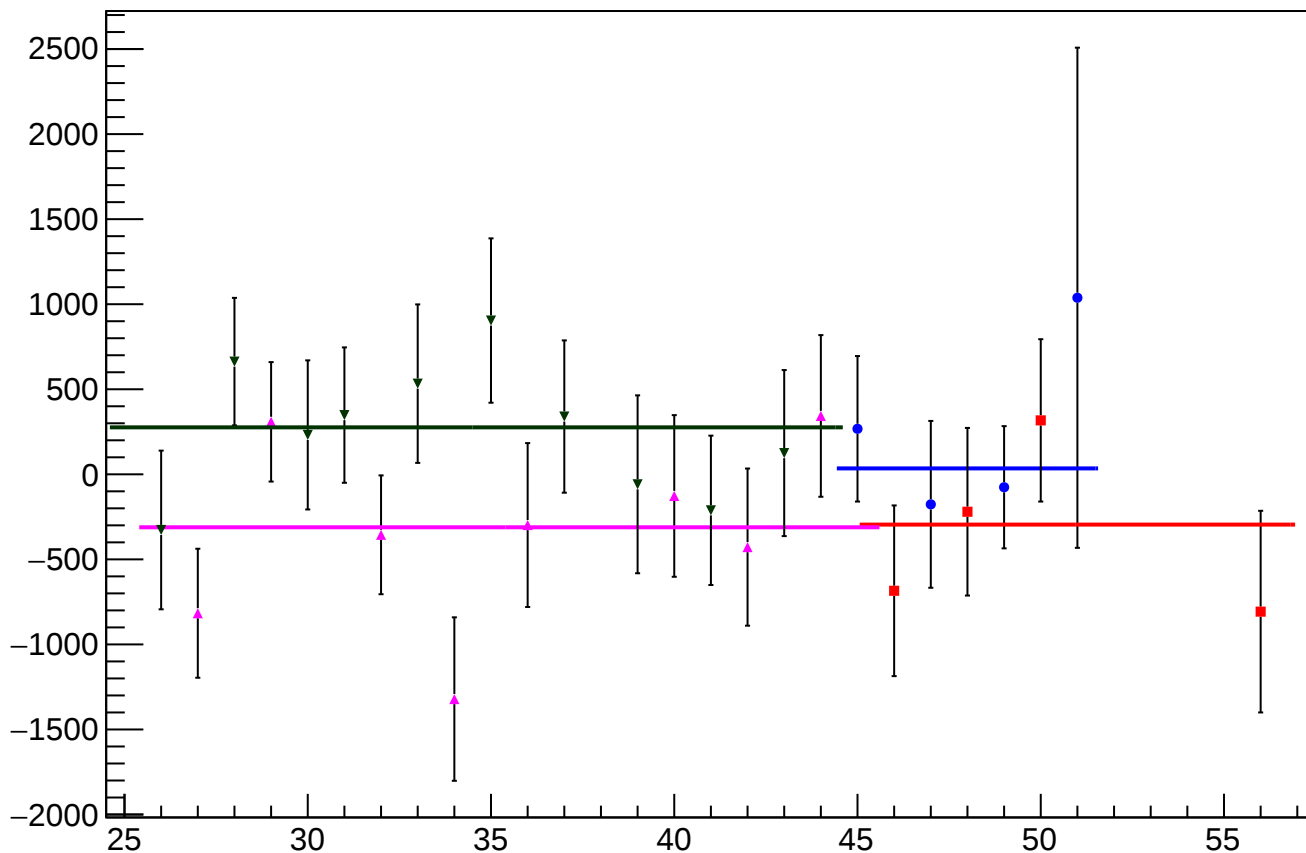
Right Out: 921.050 $\pm$ 0.485 χ^2/NDF : 120686.0/3

Left In: 1003.146 $\pm$ 0.321 χ^2/NDF : 184277.9/7

961.161 $\pm$ 0.260 χ^2/NDF : 566710.1/13

978.168 $\pm$ 0.268 χ^2/NDF : 324861.7/11

reg_asym_atl1r2_dd_mean vs slug



Right In: 34.753 $\pm$ 236.782 χ^2/NDF : 1.0/3

Left Out: 276.090 $\pm$ 141.202 χ^2/NDF : 6.5/9

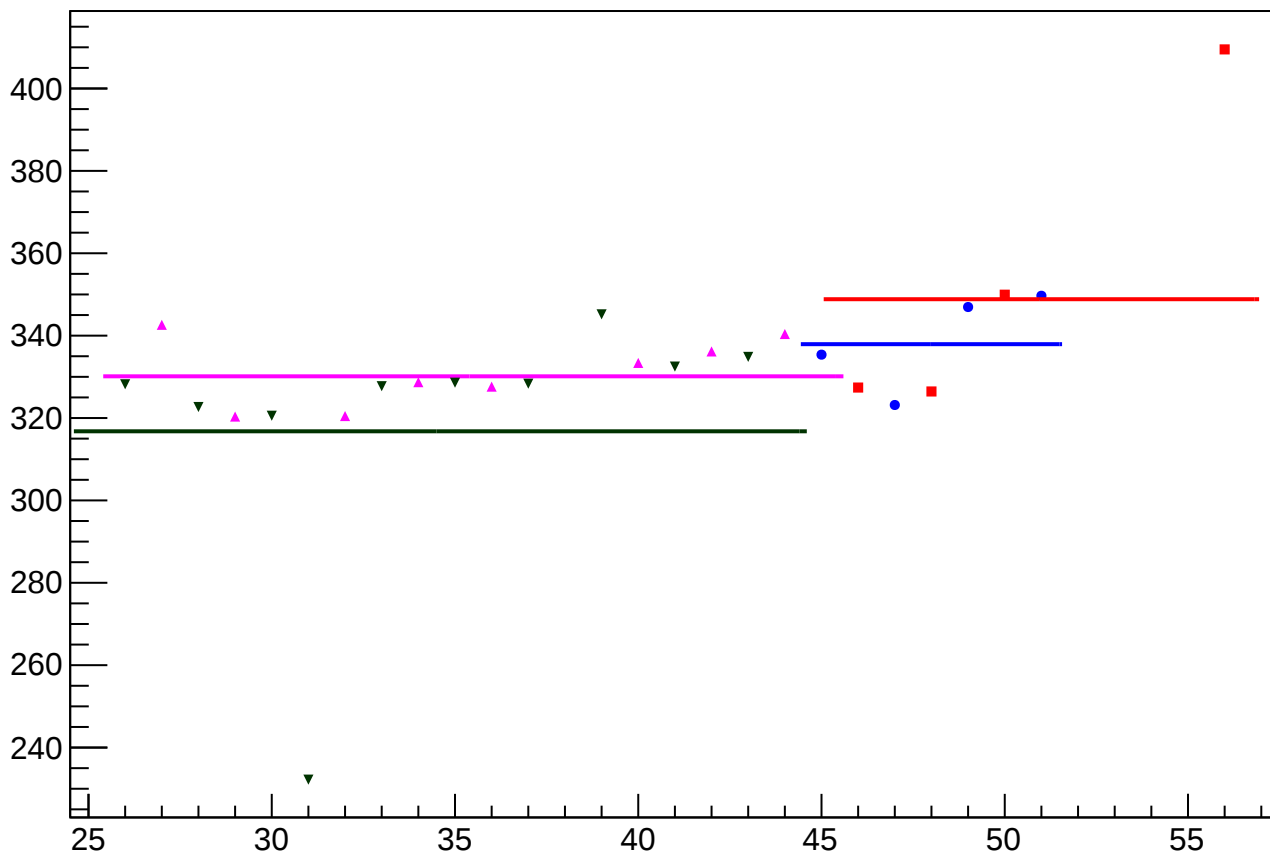
Right Out: -295.590 $\pm$ 255.411 χ^2/NDF : 3.0/3

Left In: -311.389 $\pm$ 148.343 χ^2/NDF : 11.4/7

212.780 $\pm$ 121.275 χ^2/NDF : 8.3/13

-307.404 $\pm$ 128.276 χ^2/NDF : 14.5/11

reg_asym_atl1r2_dd_rms vs slug



Right In: 337.930 ± 0.167 χ^2/NDF : 3272.2/3

Left Out: 316.778 ± 0.100 χ^2/NDF : 106979.2/9

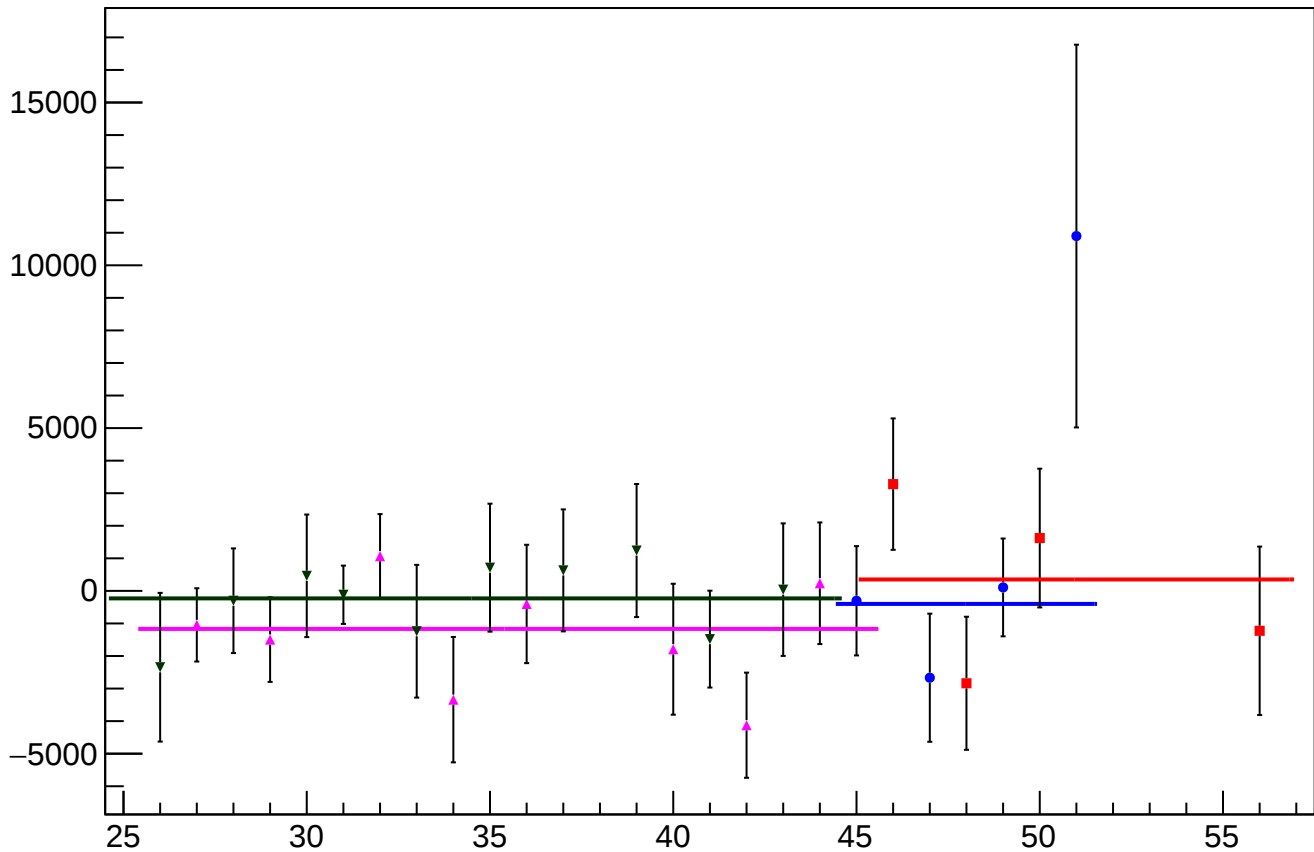
Right Out: 348.845 ± 0.181 χ^2/NDF : 28737.2/3

Left In: 330.127 ± 0.105 χ^2/NDF : 6690.1/7

322.327 ± 0.086 χ^2/NDF : 122024.1/13

334.848 ± 0.091 χ^2/NDF : 43460.0/11

asym_atl1r2_dd_correction_mean vs slug



Right In: -400.049 ± 959.830 χ^2/NDF : 5.1/3

Left Out: -230.495 ± 511.193 χ^2/NDF : 2.9/9

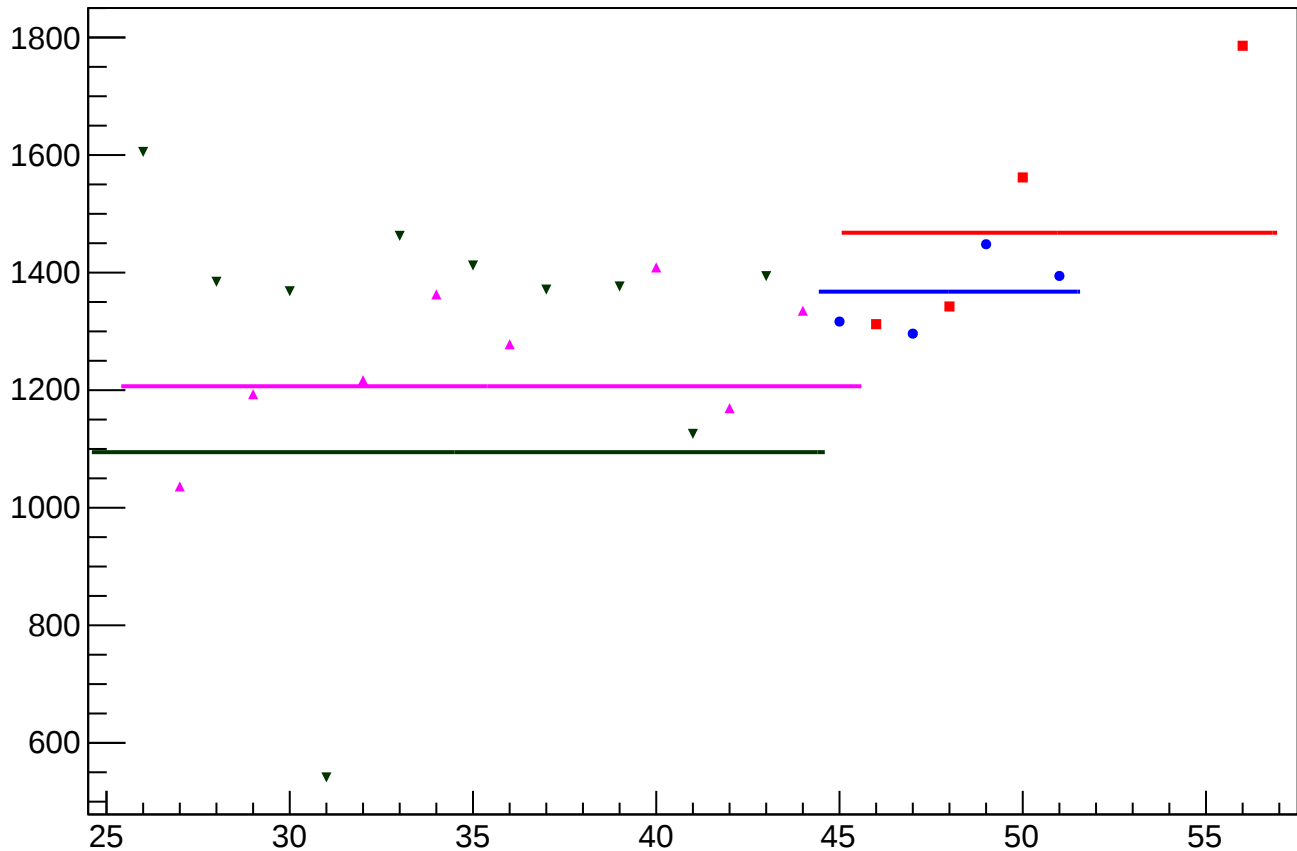
Right Out: 350.993 ± 1081.654 χ^2/NDF : 5.3/3

Left In: -1168.061 ± 536.955 χ^2/NDF : 8.5/7

-267.961 ± 451.192 χ^2/NDF : 8.1/13

-867.728 ± 480.954 χ^2/NDF : 15.4/11

asym_atl1r2_dd_correction_rms vs slug



Right In: 1367.612+/-0.679 χ^2/NDF : 10283.6/3

Left Out: 1094.559+/-0.361 χ^2/NDF :1214879.1/9

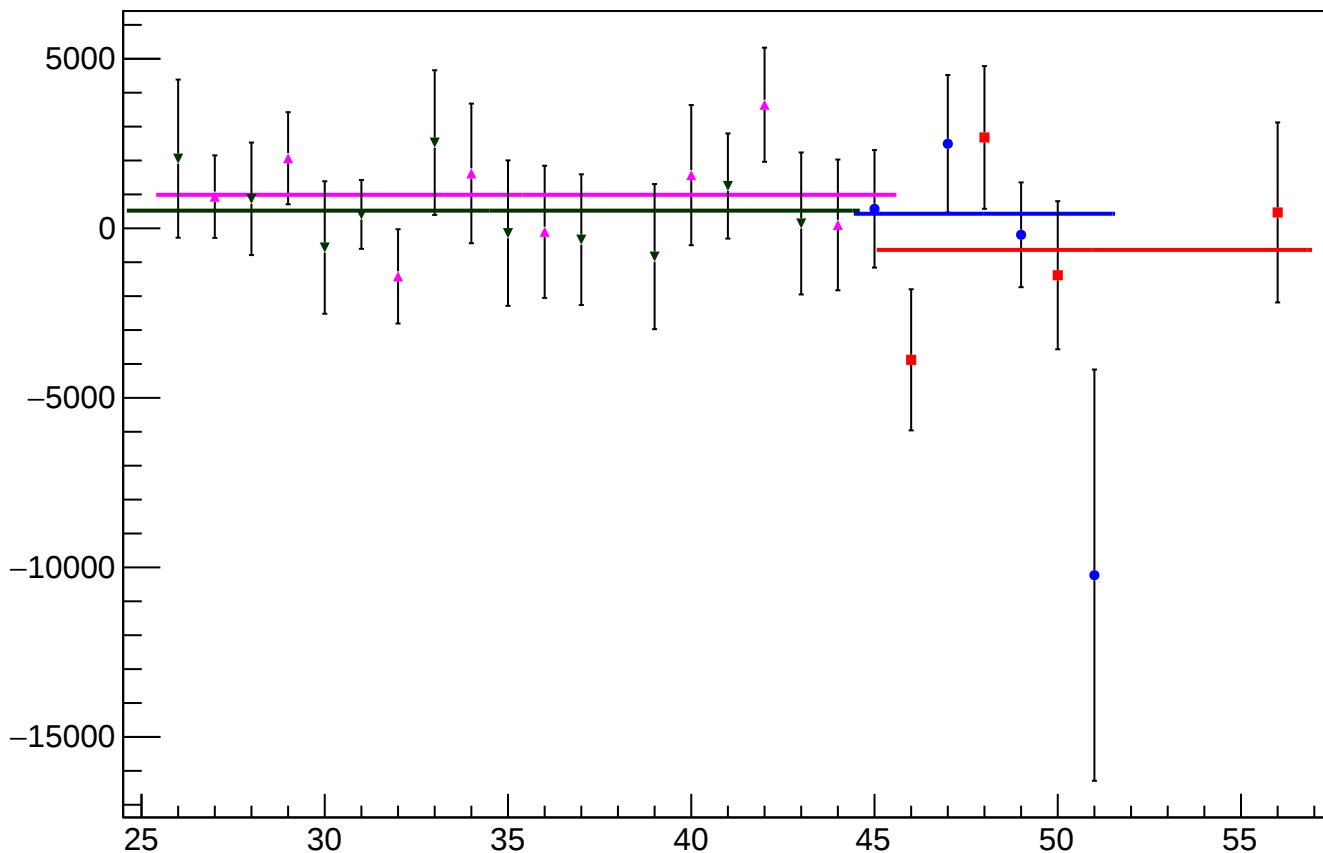
Right Out: 1467.850+/-0.765 χ^2/NDF : 53557.3/3

Left In: 1206.686+/-0.380 χ^2/NDF :93225.4/7

1154.896+/-0.319 χ^2/NDF : 1351254.8/13

1258.321+/-0.340 χ^2/NDF : 240325.7/11

asym_atl1r2_dd_mean vs slug



Right In: 430.325+/-989.162 χ^2/NDF : 4.3/3

Left Out: 521.878+/-546.444 χ^2/NDF : 2.6/9

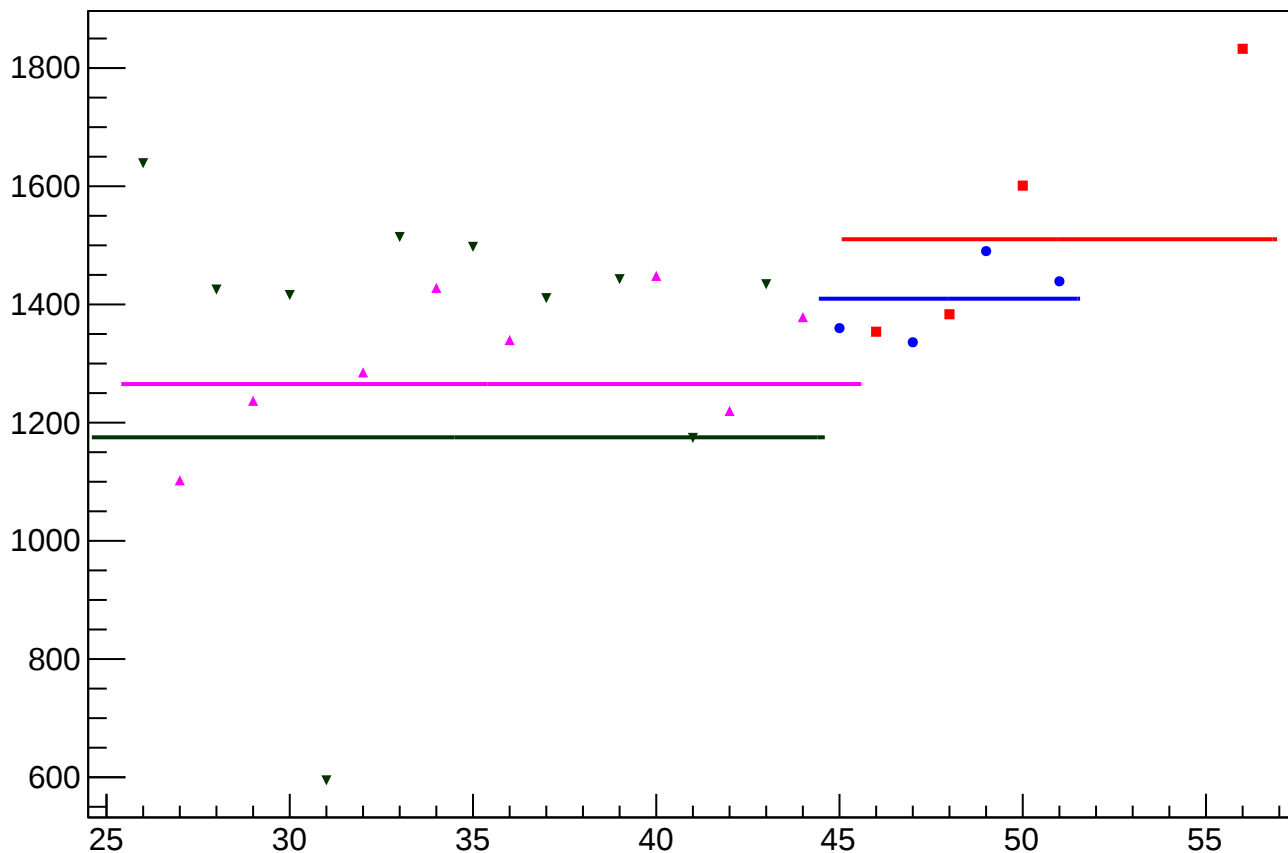
Right Out: -635.891+/-1112.300 χ^2/NDF : 5.2/3

Left In: 988.467+/-568.860 χ^2/NDF : 6.8/7

500.471+/-478.311 χ^2/NDF : 6.9/13

651.691+/-506.468 χ^2/NDF : 13.7/11

asym_atl1r2_dd_rms vs slug



Right In: 1409.730+/-0.699 χ^2/NDF : 9768.6/3

Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

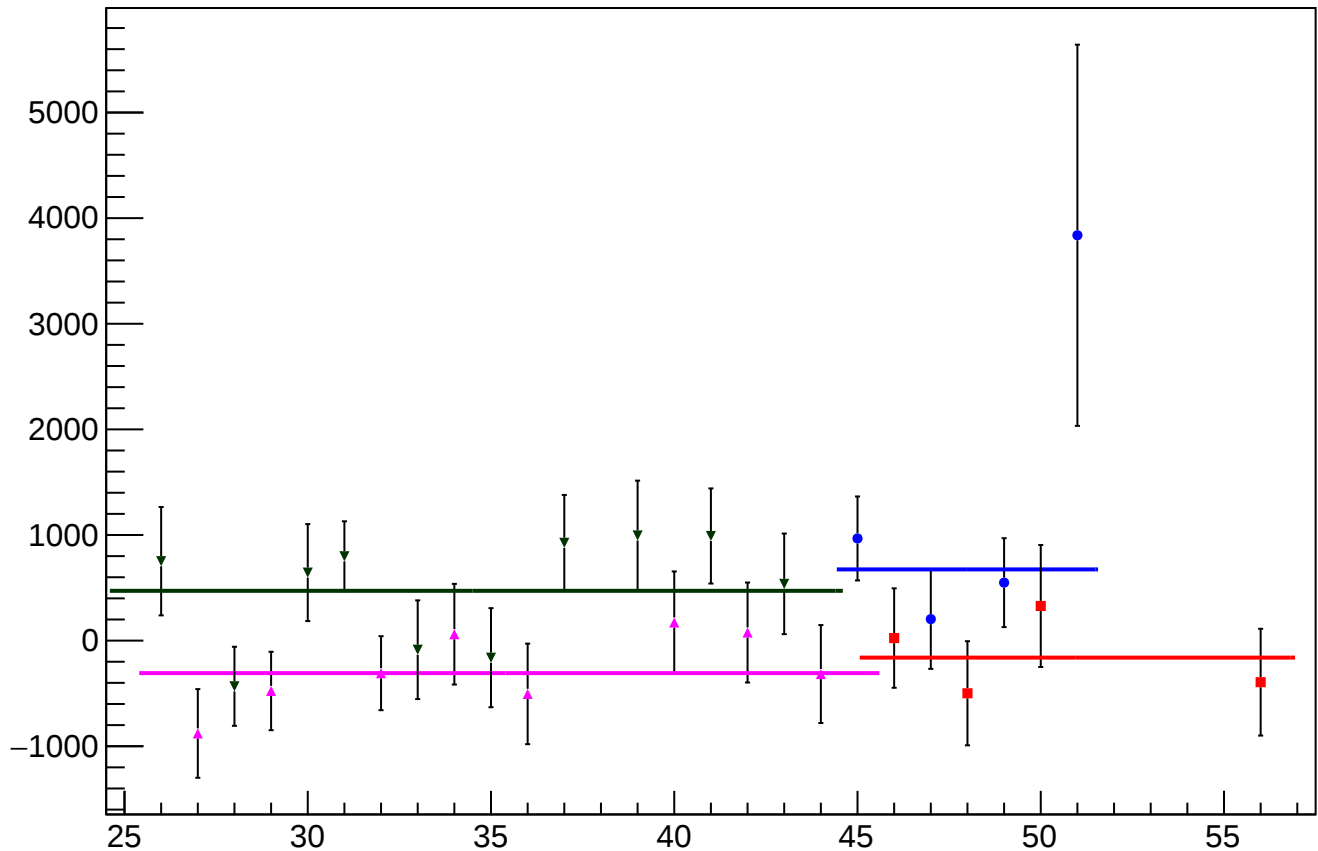
Right Out: 1510.316+/-0.787 χ^2/NDF : 51513.8/3

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1230.039+/-0.338 χ^2/NDF : 1092988.1/13

1316.105+/-0.358 χ^2/NDF : 204996.9/11

reg_asym_atr1l2_avg_mean vs slug



Right In: 674.197+/-244.120 χ^2/NDF : 4.7/3

Left Out: 471.416+/-138.869 χ^2/NDF :13.9/9

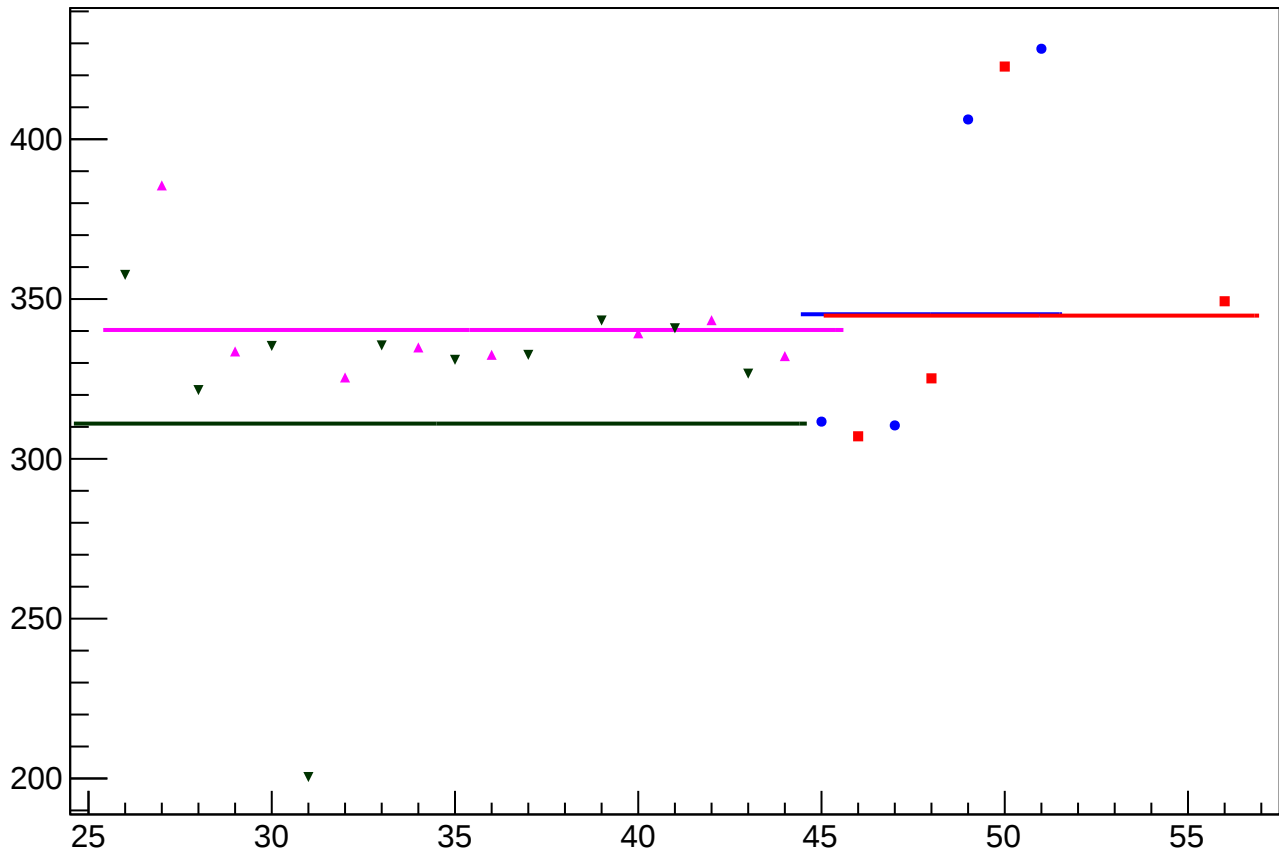
Right Out: -160.908+/-253.720 χ^2/NDF : 1.6/3

Left In: -307.654+/-151.998 χ^2/NDF :4.5/7

520.993+/-120.706 χ^2/NDF : 19.1/13

-268.897+/-130.390 χ^2/NDF : 6.3/11

reg_asym_atr1l2_avg_rms vs slug



Right In: 345.239 $\pm$ 0.173 χ^2 /NDF: 71313.4/3

Left Out: 311.029 $\pm$ 0.098 χ^2 /NDF: 279202.9/9

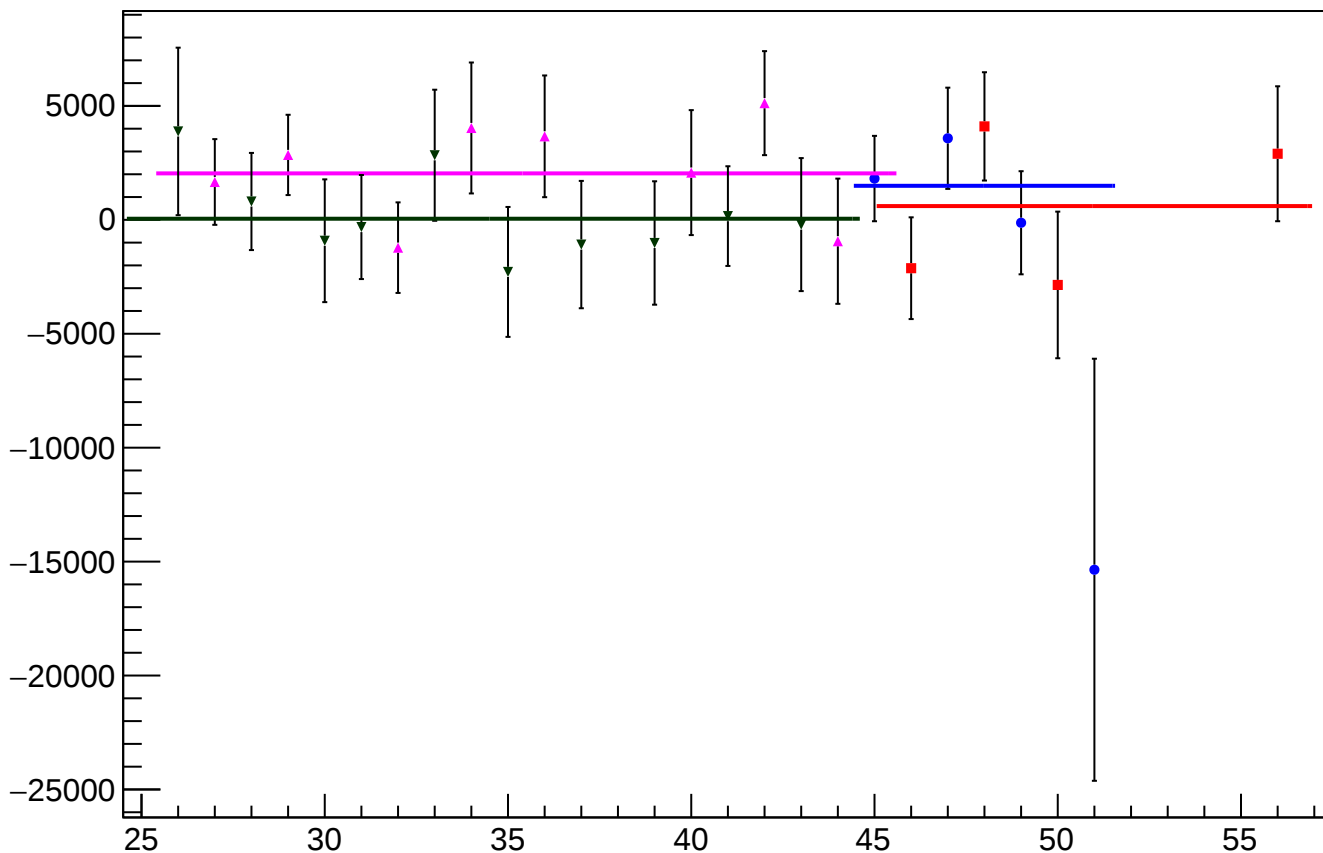
Right Out: 344.816 $\pm$ 0.179 χ^2 /NDF: 52590.2/3

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.3/7

319.393 $\pm$ 0.085 χ^2 /NDF: 380189.6/13

341.510 $\pm$ 0.092 χ^2 /NDF: 82029.9/11

asym_atr1l2_avg_correction_mean vs slug



Right In: 1493.435 $\pm$ 1199.975 χ^2 /NDF: 4.7/3

Left Out: 48.343 $\pm$ 828.109 χ^2 /NDF: 3.3/9

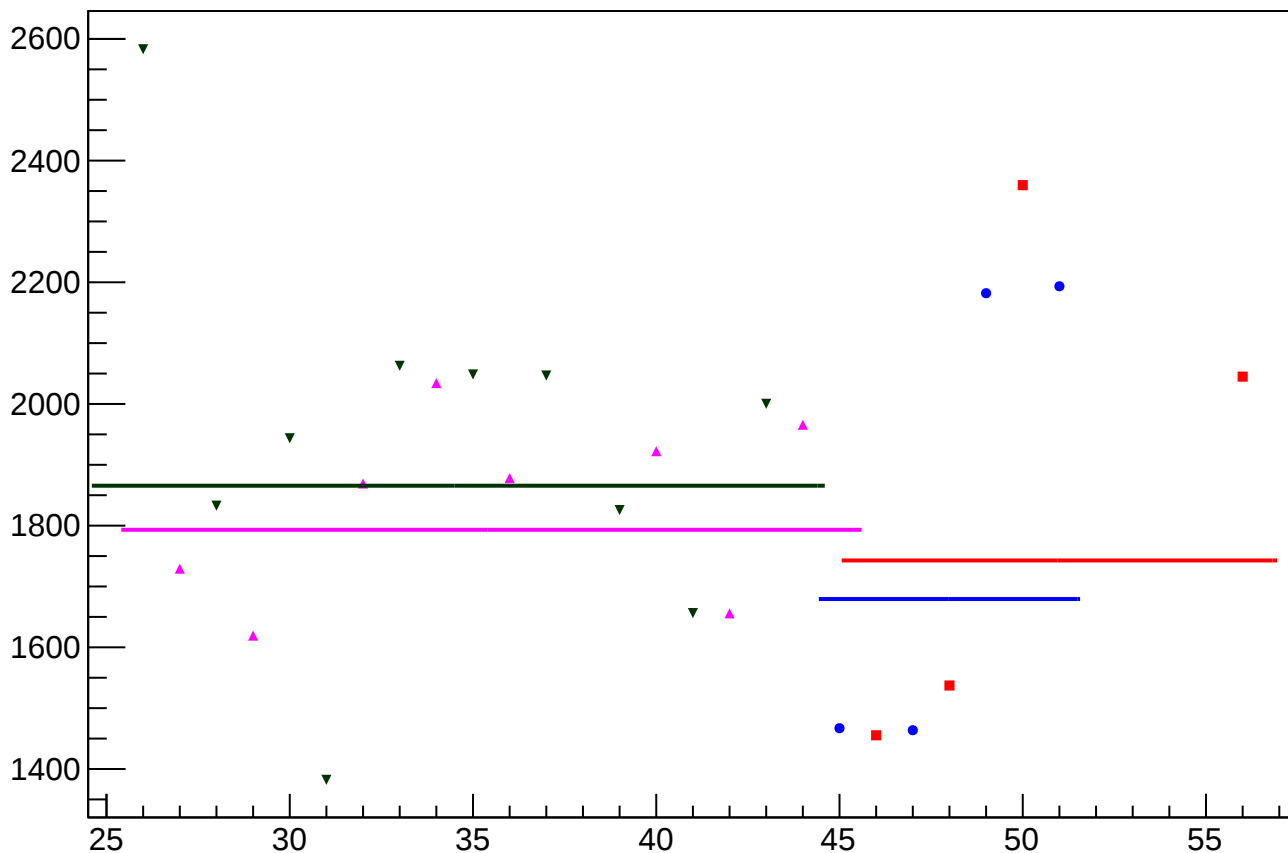
Right Out: 603.607 $\pm$ 1303.722 χ^2 /NDF: 5.4/3

Left In: 2038.696 $\pm$ 796.385 χ^2 /NDF: 6.8/7

514.538 $\pm$ 681.566 χ^2 /NDF: 9.0/13

1648.719 $\pm$ 679.619 χ^2 /NDF: 13.1/11

asym_atr1l2_avg_correction_rms vs slug



Right In: 1679.382 $\pm$ 0.849 χ^2 /NDF: 149410.4/3

Left Out: 1865.656 $\pm$ 0.586 χ^2 /NDF: 217022.9/9

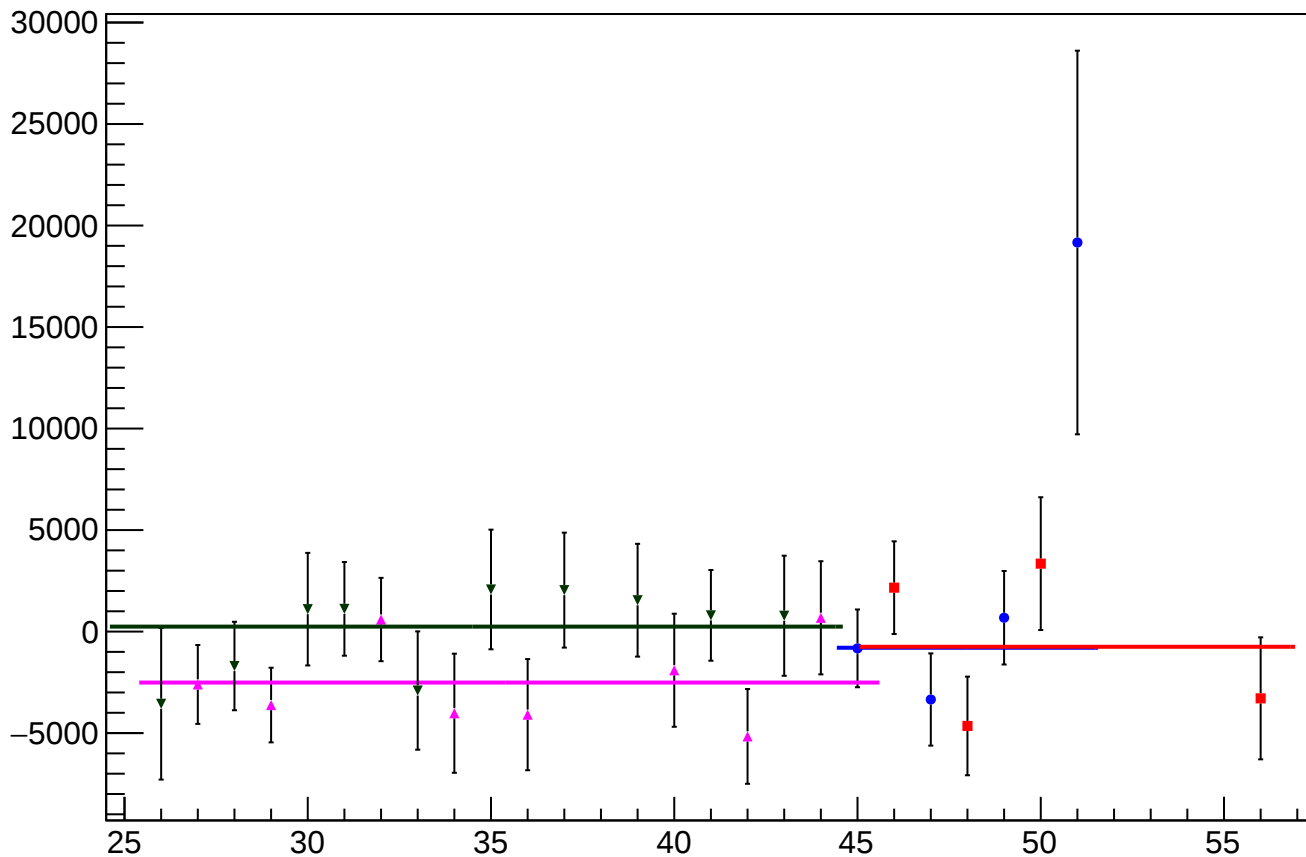
Right Out: 1742.777 $\pm$ 0.922 χ^2 /NDF: 142435.9/3

Left In: 1793.191 $\pm$ 0.563 χ^2 /NDF: 60429.1/7

1805.563 $\pm$ 0.482 χ^2 /NDF: 399079.3/13

1779.491 $\pm$ 0.481 χ^2 /NDF: 205043.0/11

asym_atr1l2_avg_mean vs slug



Right In: -796.539+/-1225.107 χ^2/NDF : 6.1/3

Left Out: 244.304+/-844.452 χ^2/NDF : 4.3/9

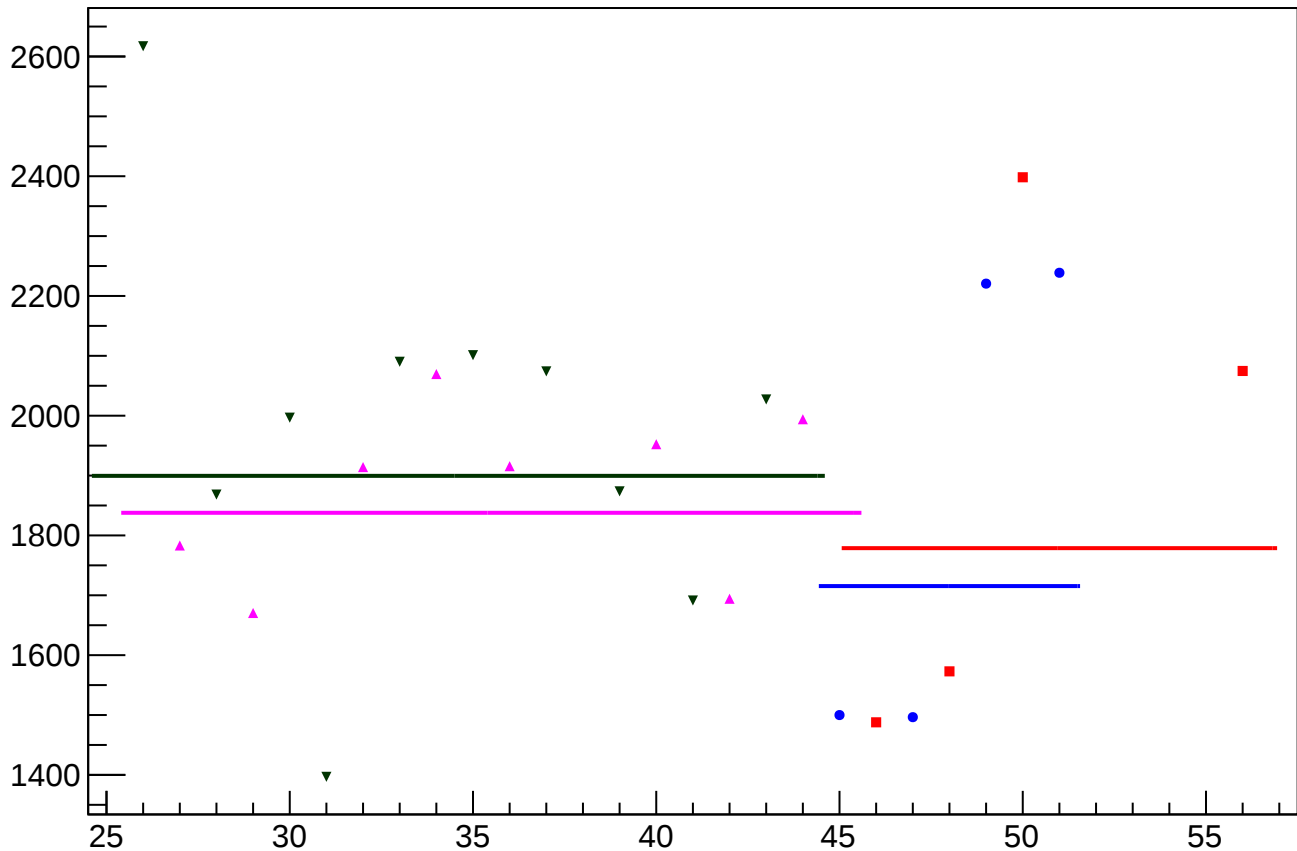
Right Out: -748.950+/-1329.513 χ^2/NDF : 6.5/3

Left In: -2510.541+/-819.482 χ^2/NDF : 5.9/7

-90.940+/-695.283 χ^2/NDF : 11.0/13

-2025.538+/-697.609 χ^2/NDF : 13.7/11

asym_atr1l2_avg_rms vs slug



Right In: 1715.383+/-0.866 χ^2/NDF : 146331.7/3

Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

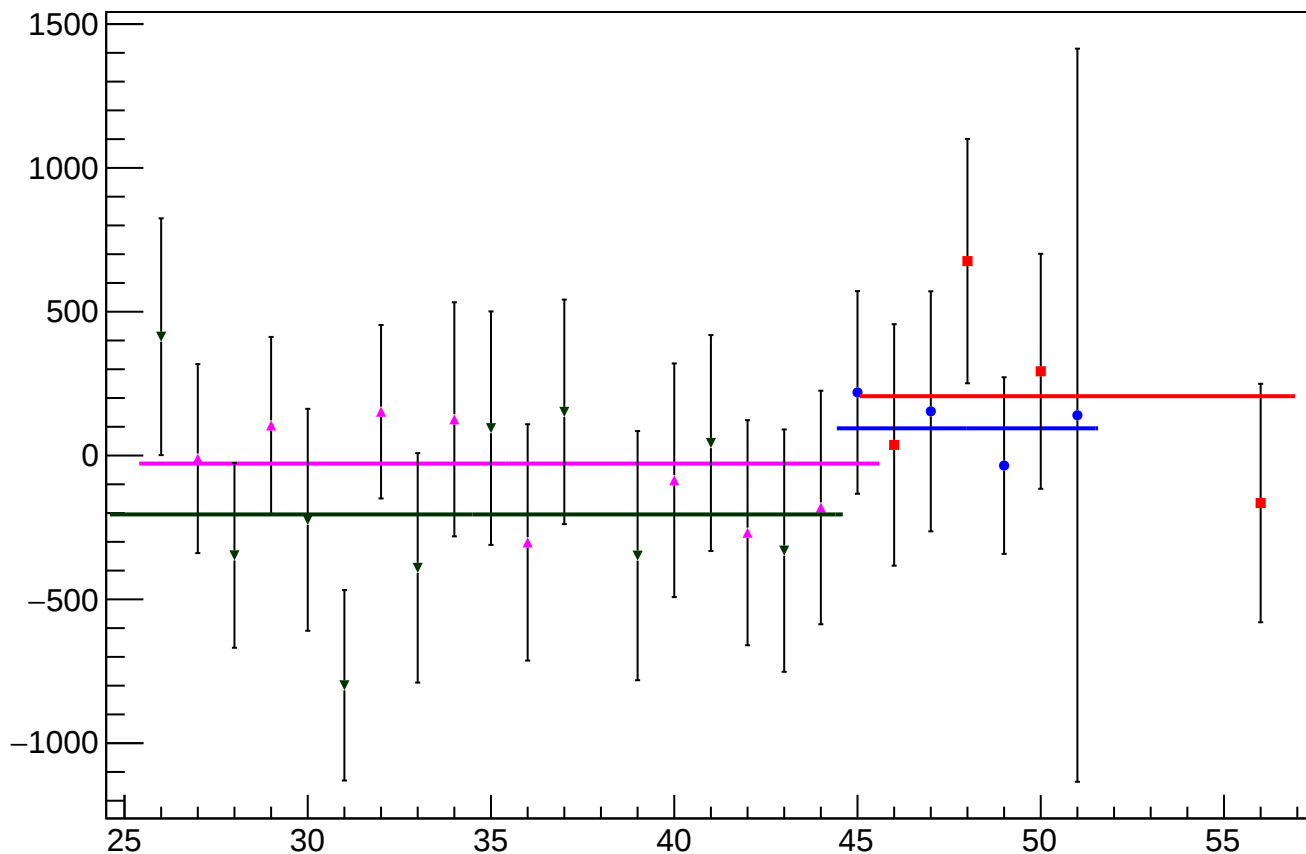
Right Out: 1778.740+/-0.940 χ^2/NDF : 138042.4/3

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1840.210+/-0.492 χ^2/NDF : 395408.5/13

1821.545+/-0.493 χ^2/NDF : 193171.5/11

reg_asym_atr1l2_dd_mean vs slug



Right In: 94.619+/-199.871 χ^2/NDF : 0.3/3

Left Out: -204.705+/-120.898 χ^2/NDF : 7.9/9

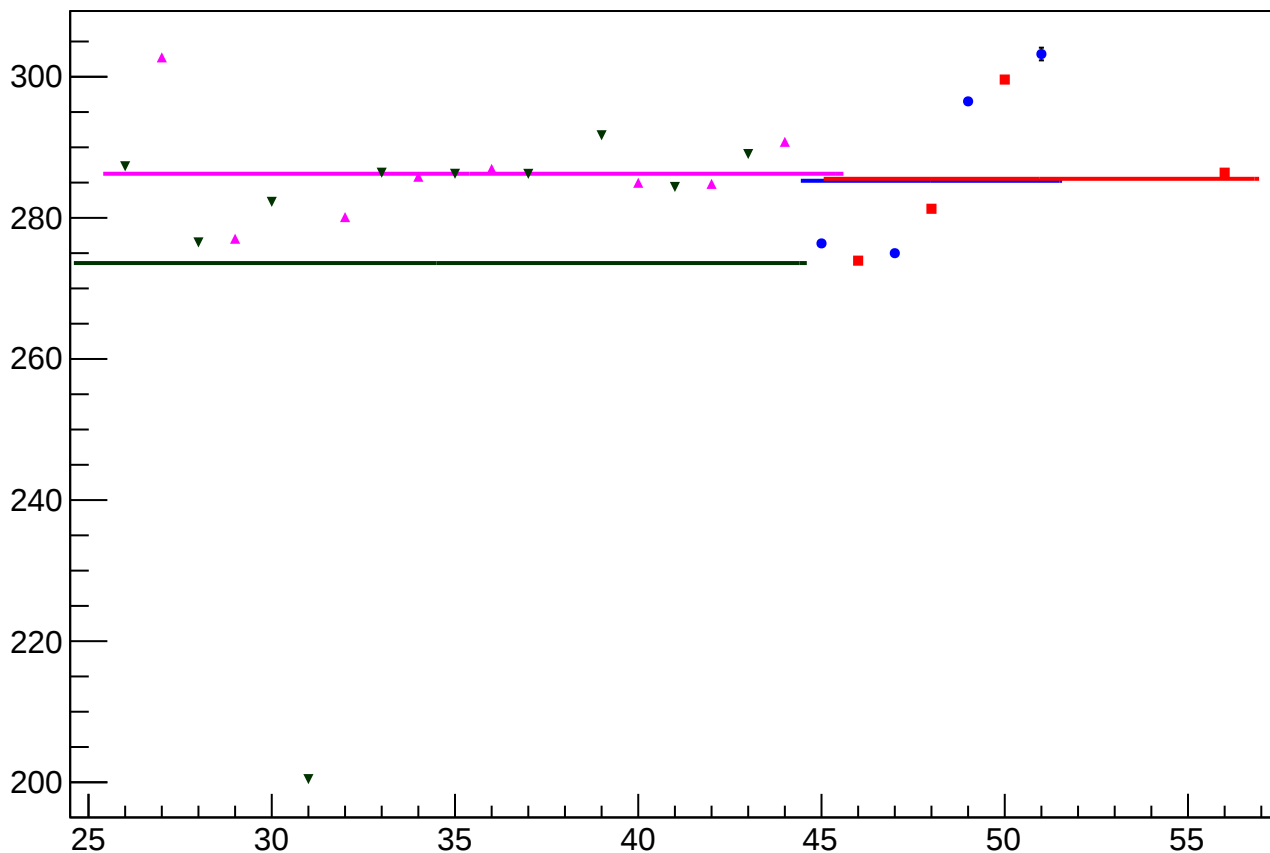
Right Out: 206.341+/-208.370 χ^2/NDF : 2.2/3

Left In: -27.916+/-127.552 χ^2/NDF : 1.7/7

-124.525+/-103.446 χ^2/NDF : 9.9/13

35.937+/-108.788 χ^2/NDF : 4.8/11

reg_asym_atr1l2_dd_rms vs slug



Right In: 285.260 $\pm$ 0.141 χ^2/NDF : 5566.7/3

Left Out: 273.595 $\pm$ 0.085 χ^2/NDF : 115068.4/9

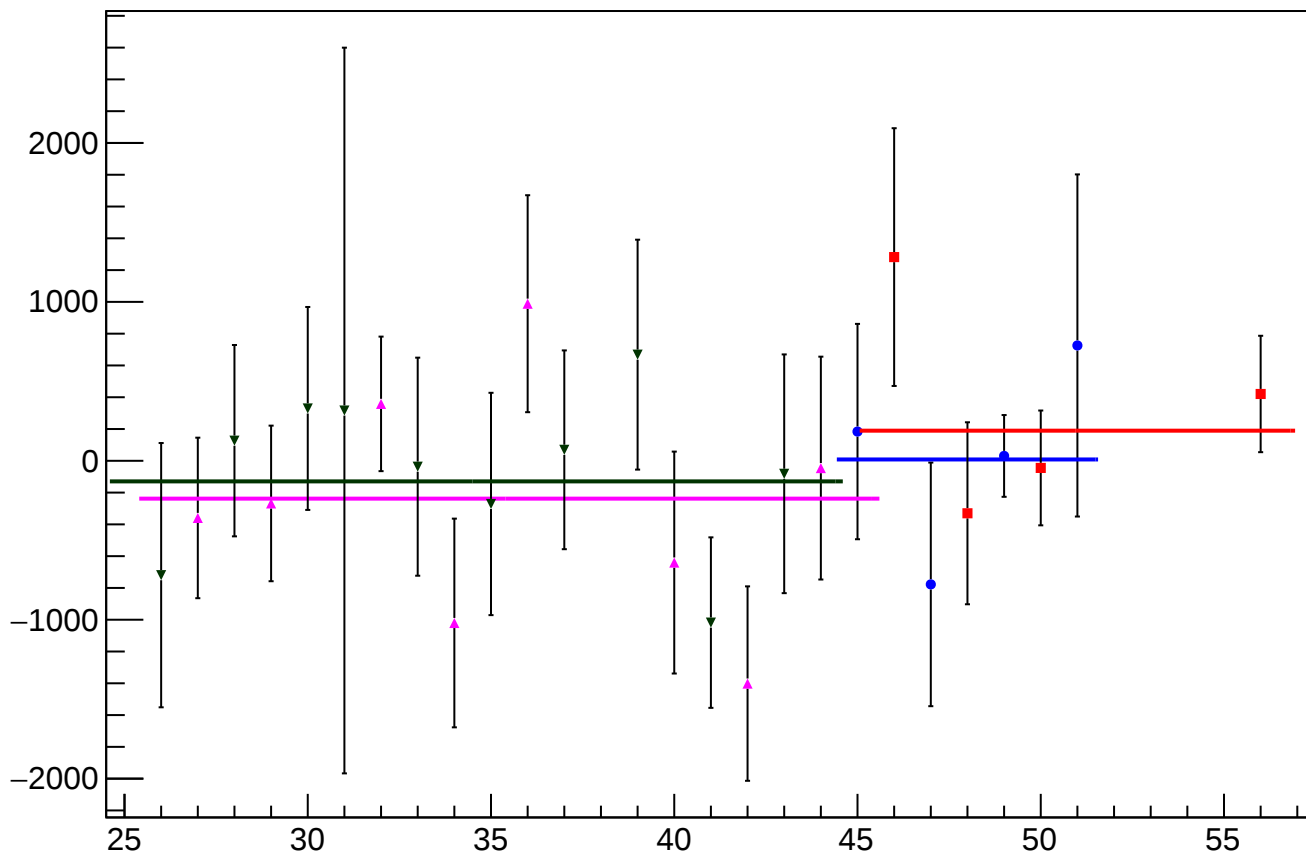
Right Out: 285.538 $\pm$ 0.147 χ^2/NDF : 4109.0/3

Left In: 286.255 $\pm$ 0.090 χ^2/NDF : 7968.8/7

276.720 $\pm$ 0.073 χ^2/NDF : 125622.7/13

286.059 $\pm$ 0.077 χ^2/NDF : 12095.0/11

asym_atr1l2_dd_correction_mean vs slug



Right In: 8.434 ± 224.444 $\chi^2/\text{NDF}: 1.6/3$

Left Out: -129.532 ± 219.616 $\chi^2/\text{NDF}: 5.4/9$

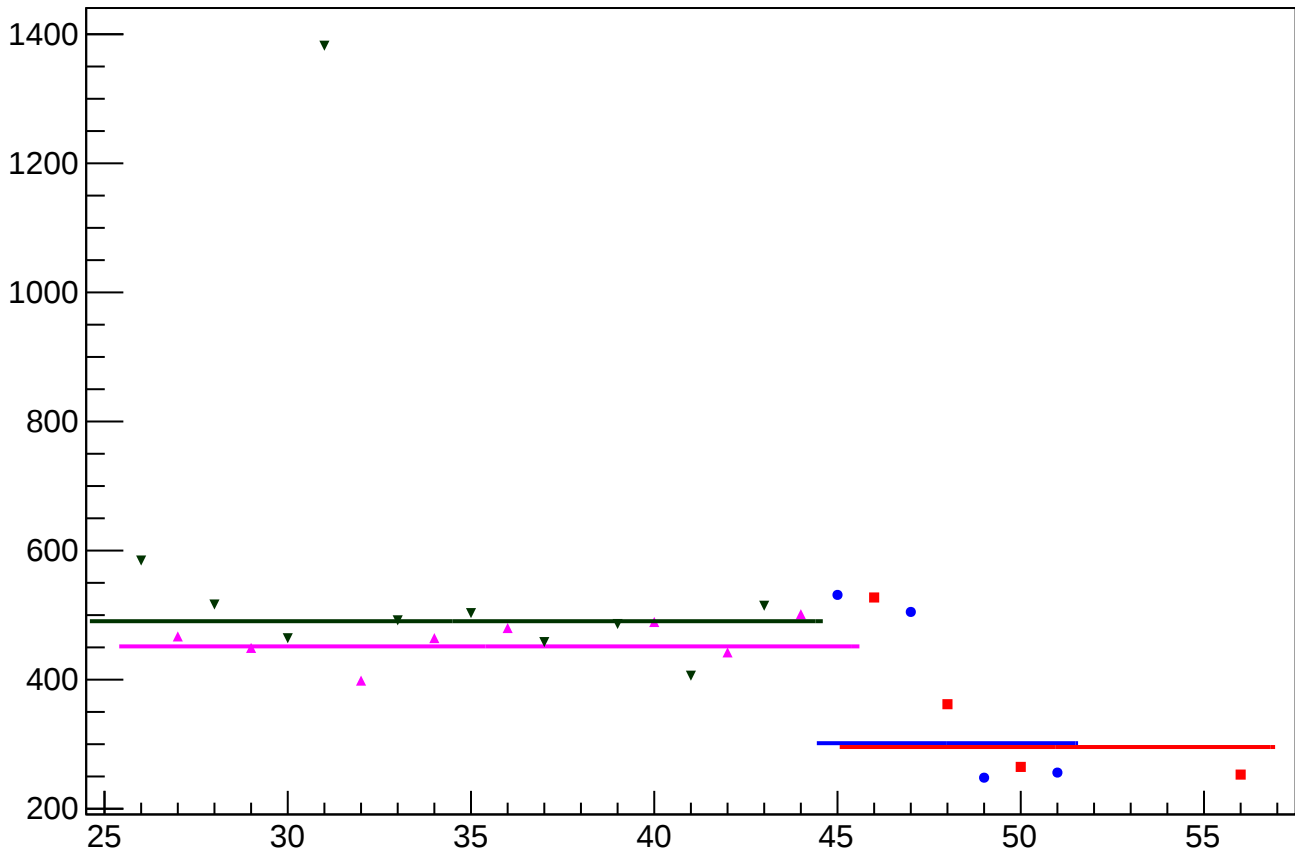
Right Out: 189.599 ± 225.356 $\chi^2/\text{NDF}: 3.5/3$

Left In: -238.069 ± 200.408 $\chi^2/\text{NDF}: 10.7/7$

-62.049 ± 156.971 $\chi^2/\text{NDF}: 7.1/13$

-49.209 ± 149.757 $\chi^2/\text{NDF}: 16.2/11$

asym_atr1l2_dd_correction_rms vs slug



Right In: 301.572 ± 0.159 χ^2/NDF : 460669.9/3

Left Out: 490.574 ± 0.155 χ^2/NDF : 395329.3/9

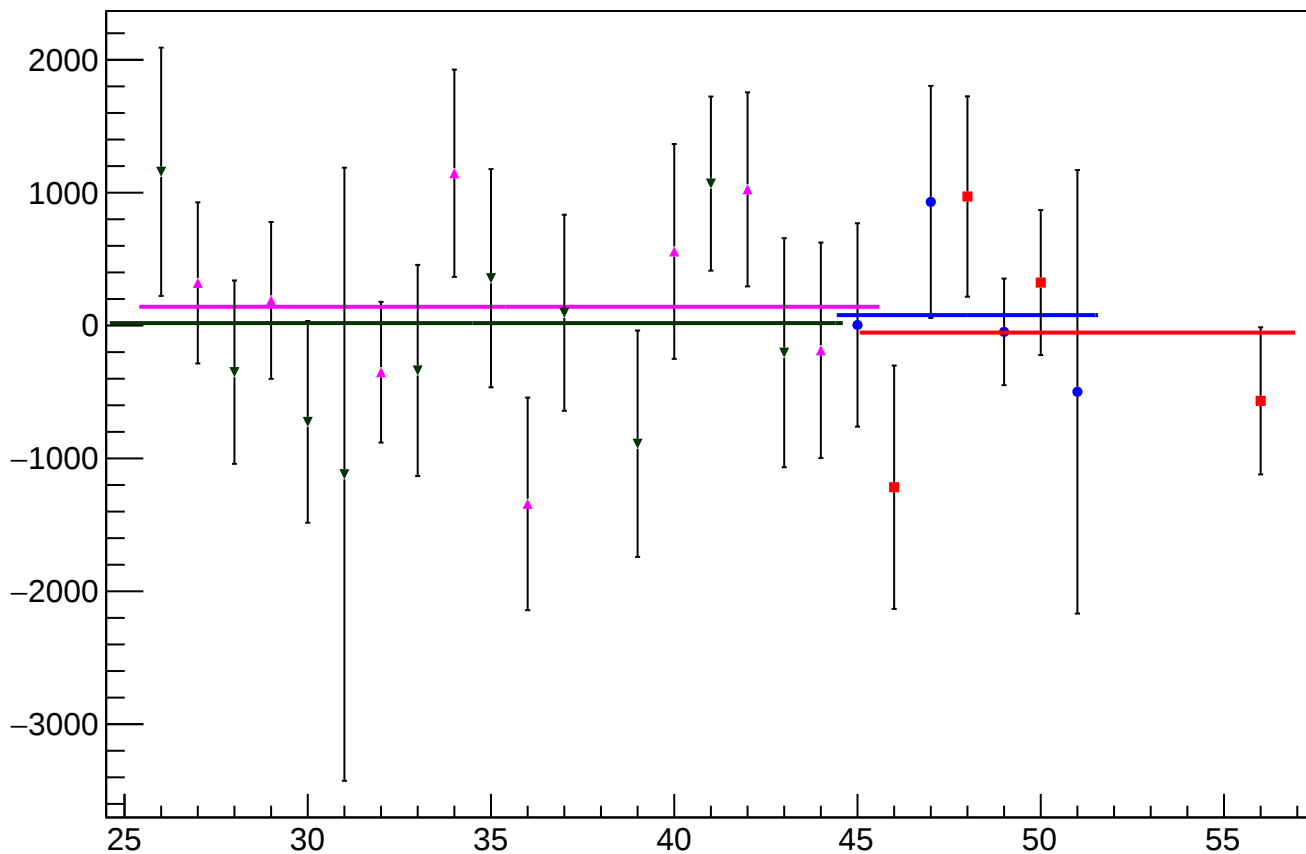
Right Out: 295.633 ± 0.159 χ^2/NDF : 231854.3/3

Left In: 451.550 ± 0.142 χ^2/NDF : 53983.7/7

398.128 ± 0.111 χ^2/NDF : 1580525.7/13

382.696 ± 0.106 χ^2/NDF : 820423.7/11

asym_atr1l2_dd_mean vs slug



Right In: 78.594+/-322.872 χ^2/NDF : 1.2/3

Left Out: 18.643+/-257.116 χ^2/NDF : 7.1/9

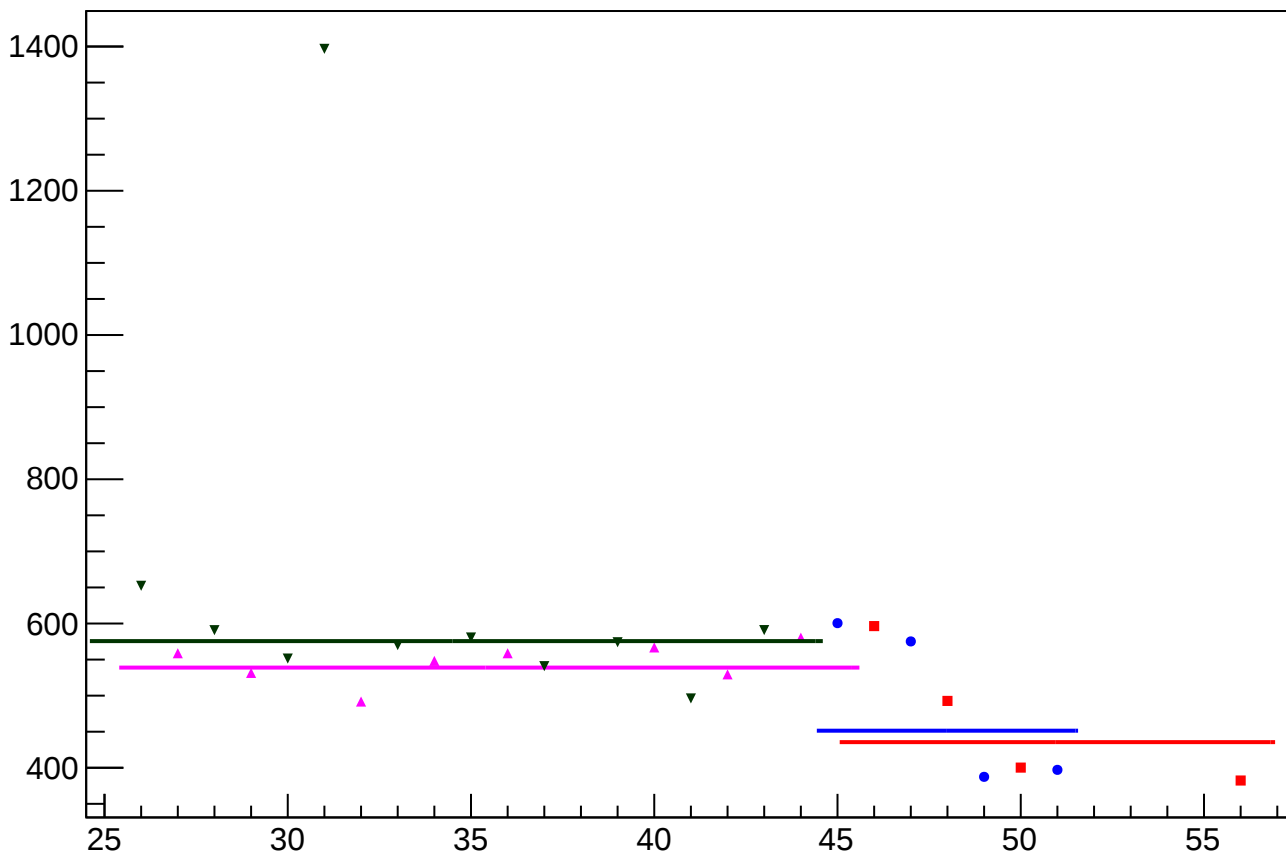
Right Out: -52.850+/-323.166 χ^2/NDF : 4.8/3

Left In: 141.414+/-240.490 χ^2/NDF : 8.0/7

41.908+/-201.132 χ^2/NDF : 8.3/13

72.176+/-192.931 χ^2/NDF : 13.0/11

asym_atr1l2_dd_rms vs slug



Right In: 451.400 ± 0.228 χ^2/NDF : 169141.5/3

Left Out: 575.614 ± 0.182 χ^2/NDF : 304506.5/9

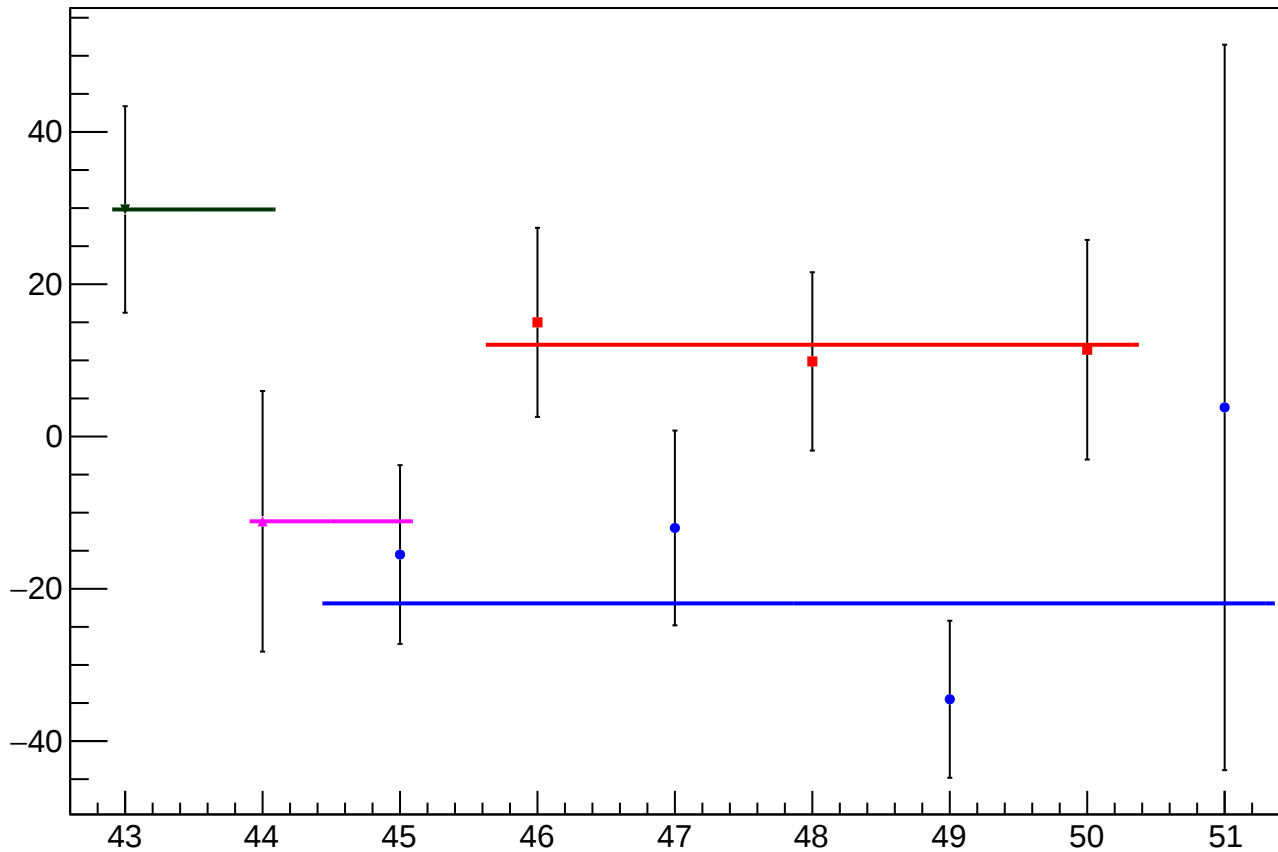
Right Out: 435.542 ± 0.229 χ^2/NDF : 100095.2/3

Left In: 538.892 ± 0.170 χ^2/NDF : 27749.5/7

527.411 ± 0.142 χ^2/NDF : 654788.1/13

502.057 ± 0.136 χ^2/NDF : 259490.4/11

diff_bpm0l01X_mean vs slug



Right In: -21.915+/-6.564 χ^2/NDF : 2.7/3

Left Out: 29.821+/-13.561 χ^2/NDF : 0.0/0

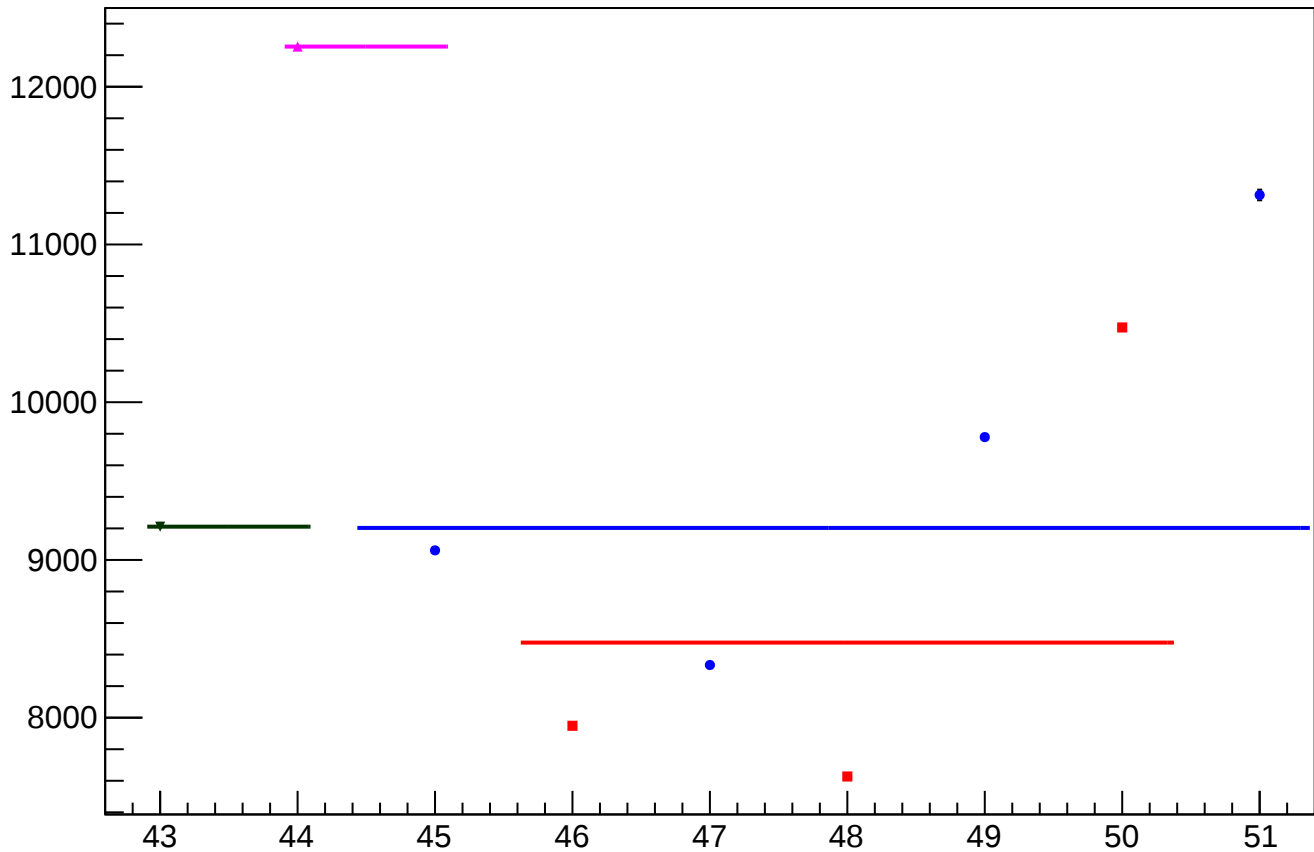
Right Out: 12.051+/-7.335 χ^2/NDF : 0.1/2

Left In: -11.136+/-17.113 χ^2/NDF : 0.0/0

-12.095+/-5.908 χ^2/NDF : 14.5/4

8.453+/-6.742 χ^2/NDF : 1.6/3

diff_bpm0l01X_rms vs slug



Right In: 9203.058 $\pm$ 4.641 χ^2 /NDF: 19691.3/3

Left Out: 9211.048 $\pm$ 9.589 χ^2 /NDF: 0.0/0

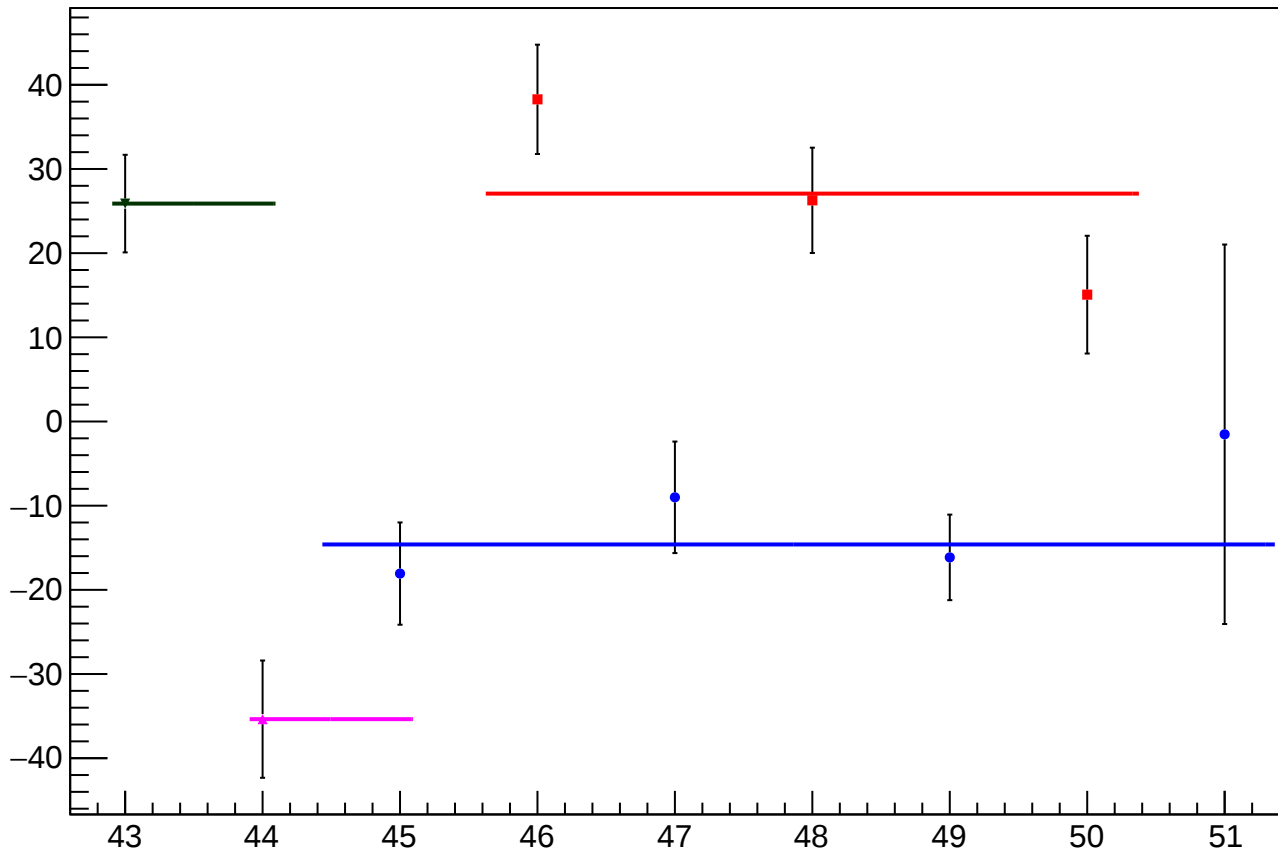
Right Out: 8476.059 $\pm$ 5.187 χ^2 /NDF: 52515.0/2

Left In: 12254.628 $\pm$ 12.101 χ^2 /NDF: 0.0/0

9204.575 $\pm$ 4.178 χ^2 /NDF: 19691.8/4

9062.481 $\pm$ 4.767 χ^2 /NDF: 134888.5/3

diff_bpm0l01Y_mean vs slug



Right In: -14.607 ± 3.322 $\chi^2/\text{NDF}: 1.5/3$

Left Out: 25.888 ± 5.797 $\chi^2/\text{NDF}: 0.0/0$

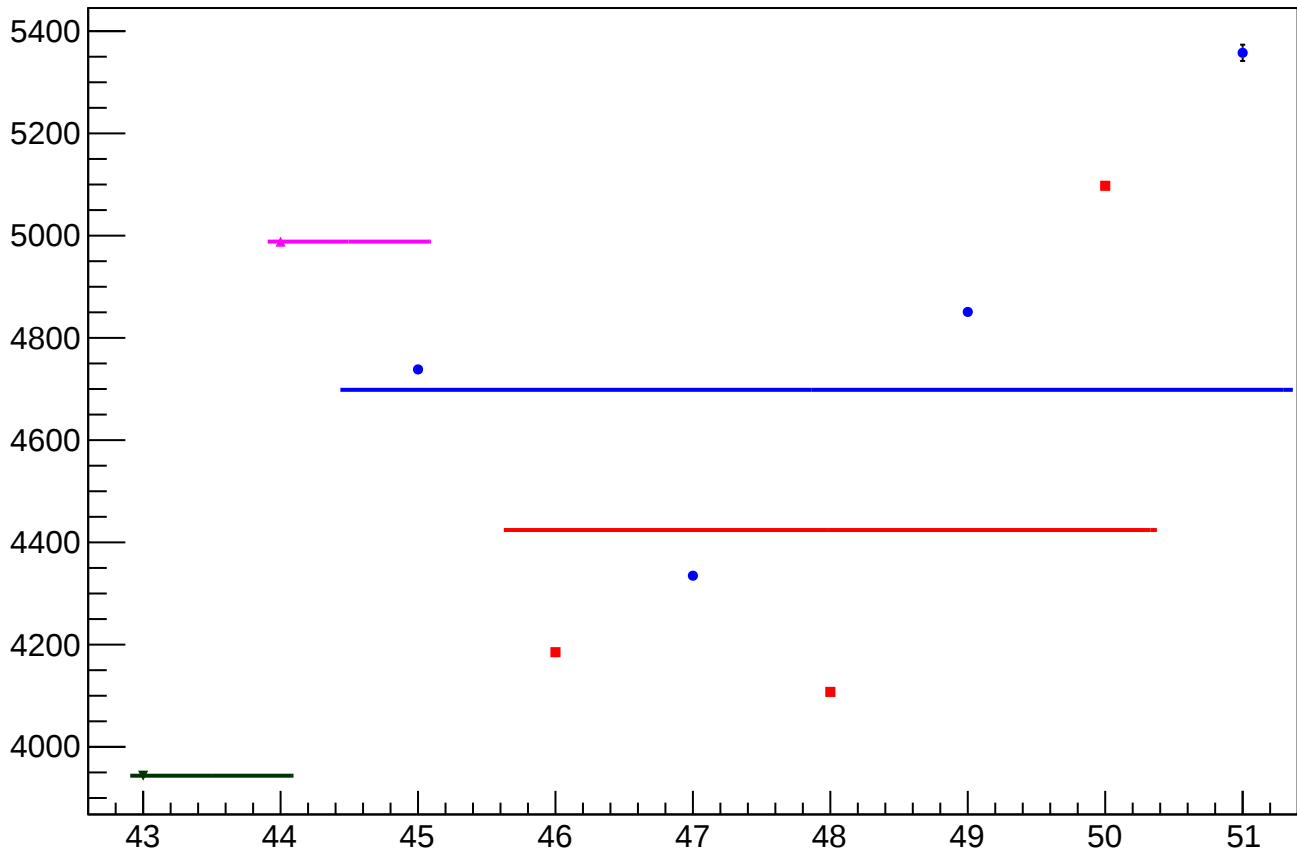
Right Out: 27.073 ± 3.788 $\chi^2/\text{NDF}: 5.9/2$

Left In: -35.362 ± 6.967 $\chi^2/\text{NDF}: 0.0/0$

-4.594 ± 2.883 $\chi^2/\text{NDF}: 38.2/4$

12.827 ± 3.328 $\chi^2/\text{NDF}: 67.9/3$

diff_bpm0l01Y_rms vs slug



Right In: 4698.410+/-2.349 χ^2/NDF : 9618.0/3

Left Out: 3943.608+/-4.099 χ^2/NDF : 0.0/0

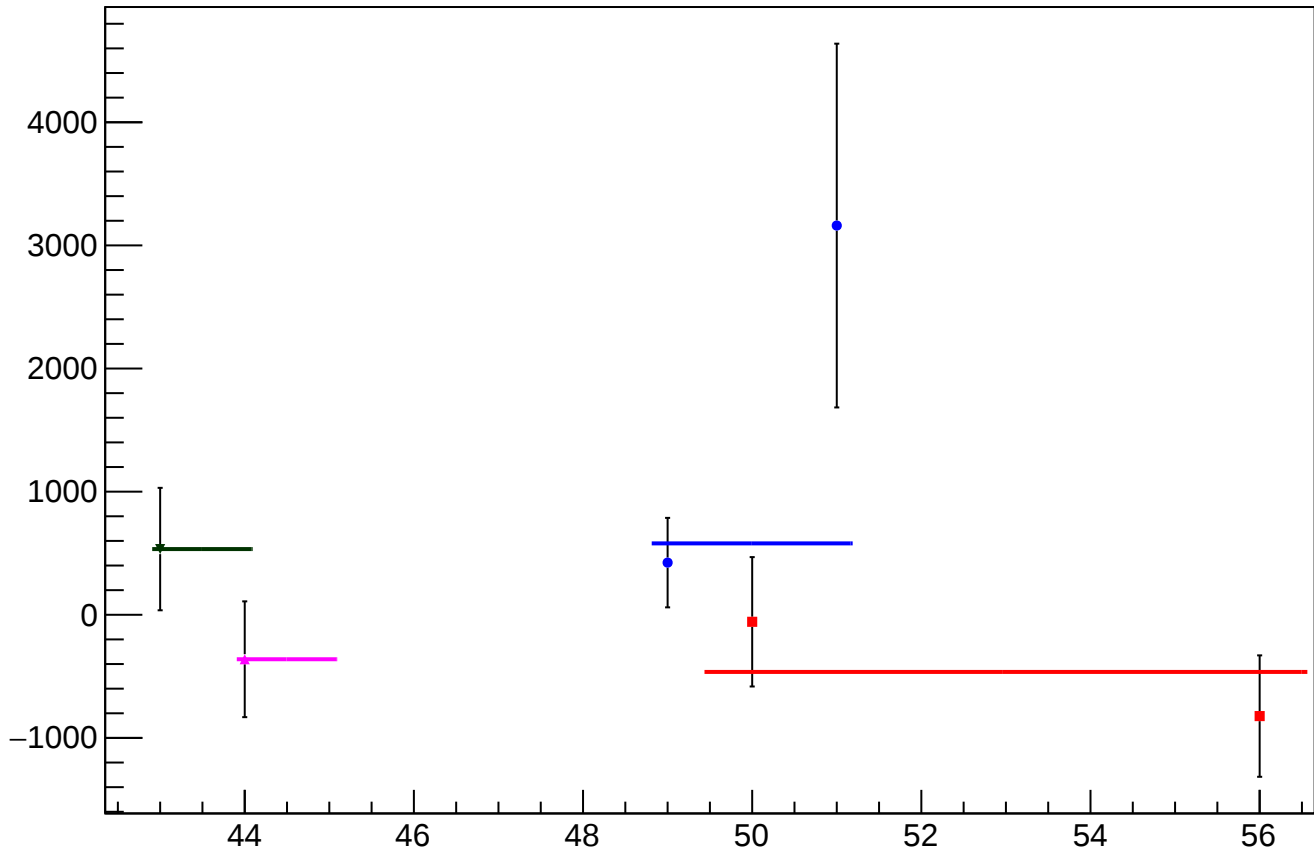
4511.782+/-2.038 χ^2/NDF : 35140.9/4

Right Out: 4424.160+/-2.678 χ^2/NDF : 26359.5/2

4552.891+/-2.353 χ^2/NDF : 36484.0/3

Left In: 4988.357+/-4.926 χ^2/NDF : 0.0/0

asym_ds_agg_av_mean vs slug



Right In: 579.862+/-352.869 χ^2/NDF : 3.2/1

Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

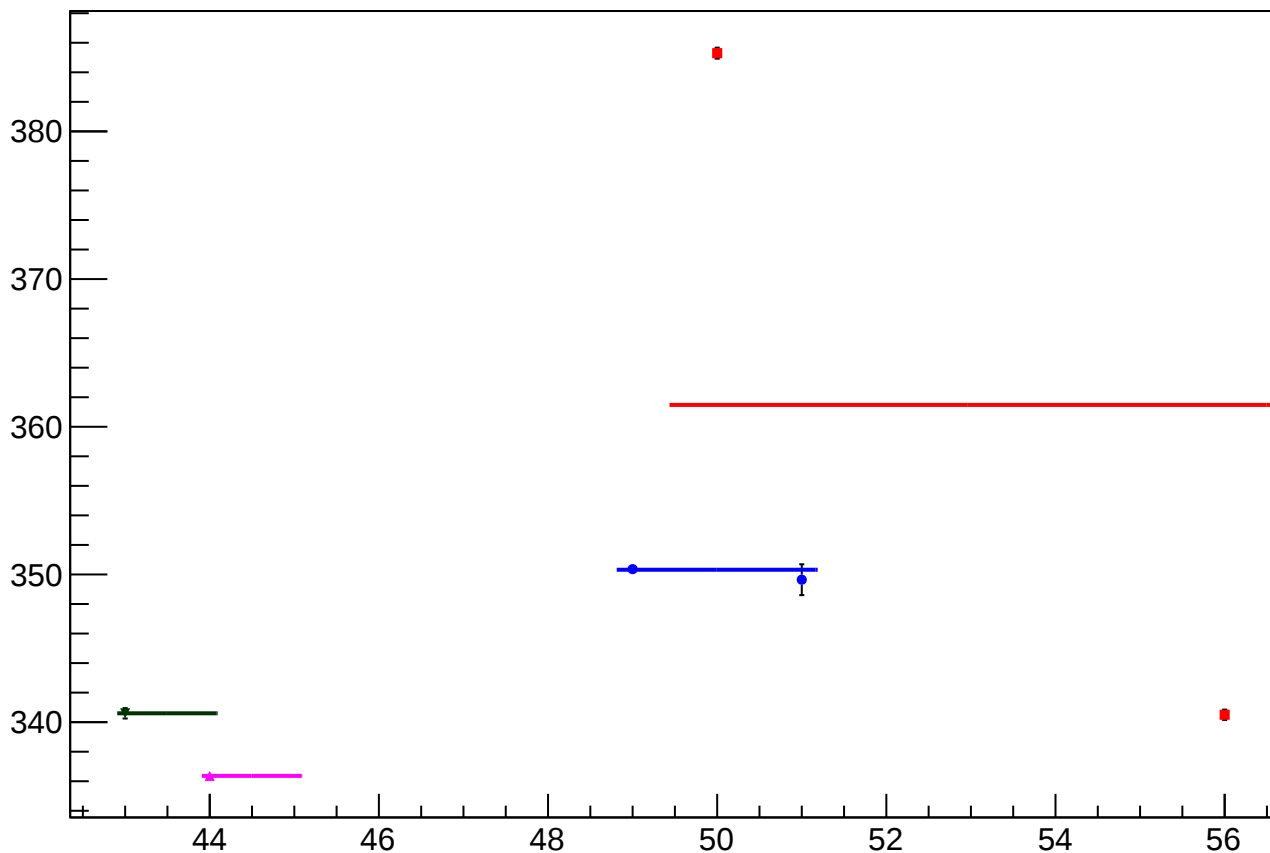
Right Out: -464.093+/-359.539 χ^2/NDF : 1.1/1

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

564.400+/-287.760 χ^2/NDF : 3.2/2

-426.107+/-285.623 χ^2/NDF : 1.2/2

asym_ds_agg_av_rms vs slug



Right In: 350.320 $\pm$ 0.250 χ^2/NDF : 0.4/1

Left Out: 340.600 $\pm$ 0.352 χ^2/NDF : 0.0/0

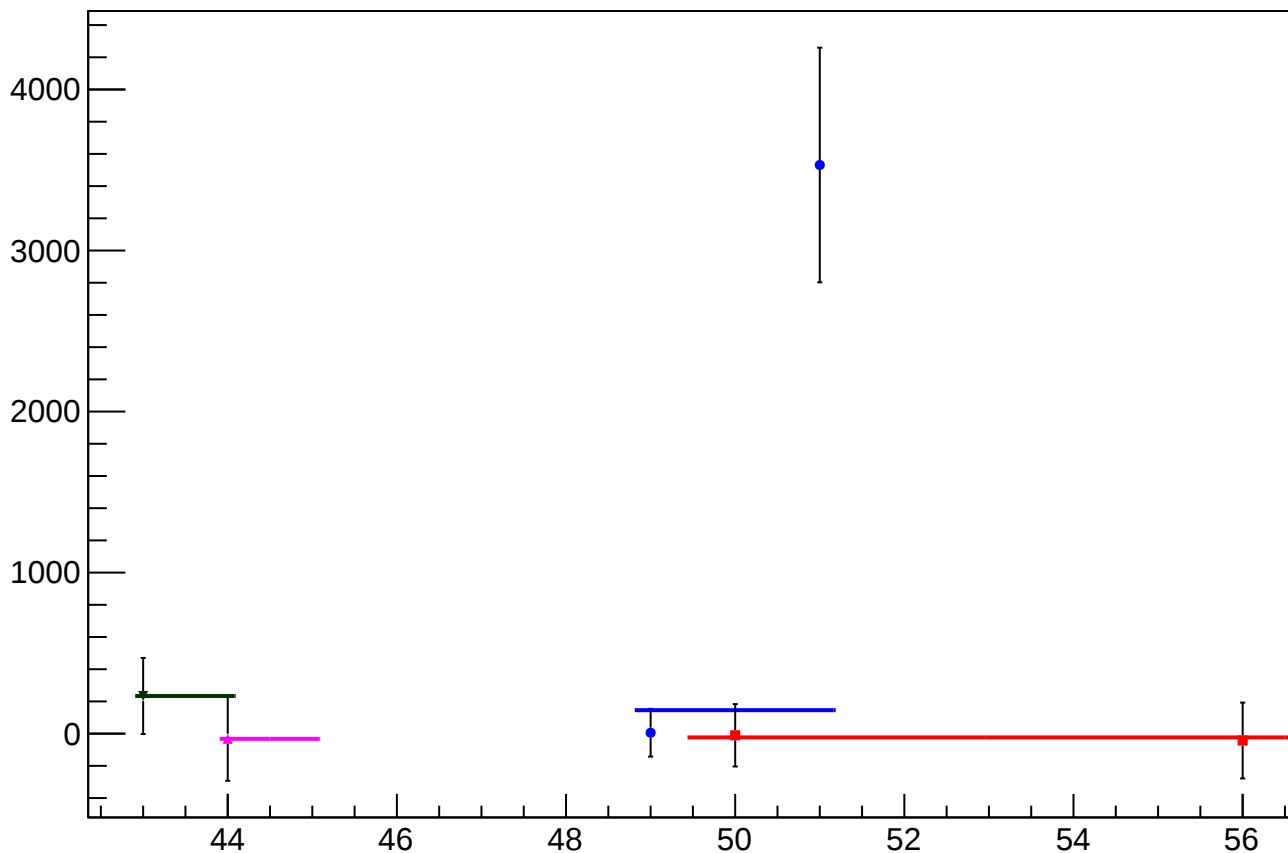
Right Out: 361.479 $\pm$ 0.254 χ^2/NDF : 7730.1/1

Left In: 336.363 $\pm$ 0.333 χ^2/NDF : 0.0/0

347.064 $\pm$ 0.203 χ^2/NDF : 508.8/2

352.214 $\pm$ 0.202 χ^2/NDF : 11330.8/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 145.792 $\pm$ 145.269 χ^2 /NDF: 22.5/1

Left Out: 233.776 $\pm$ 236.364 χ^2 /NDF: 0.0/0

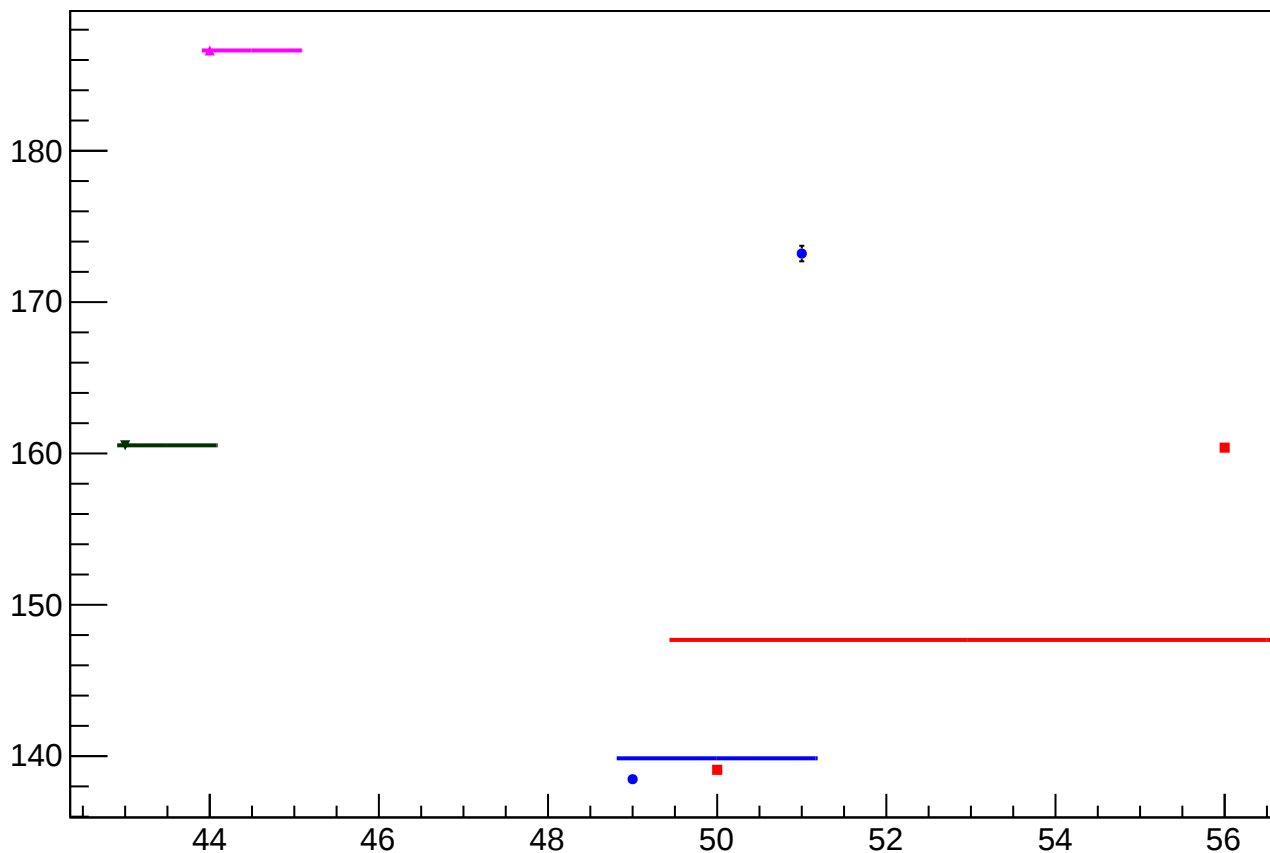
Right Out: -23.357 $\pm$ 149.566 χ^2 /NDF: 0.0/1

Left In: -32.051 $\pm$ 260.803 χ^2 /NDF: 0.0/0

169.915 $\pm$ 123.763 χ^2 /NDF: 22.6/2

-25.508 $\pm$ 129.745 χ^2 /NDF: 0.0/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 139.856 $\pm$ 0.103 χ^2 /NDF: 4365.9/1

Left Out: 160.536 $\pm$ 0.167 χ^2 /NDF: 0.0/0

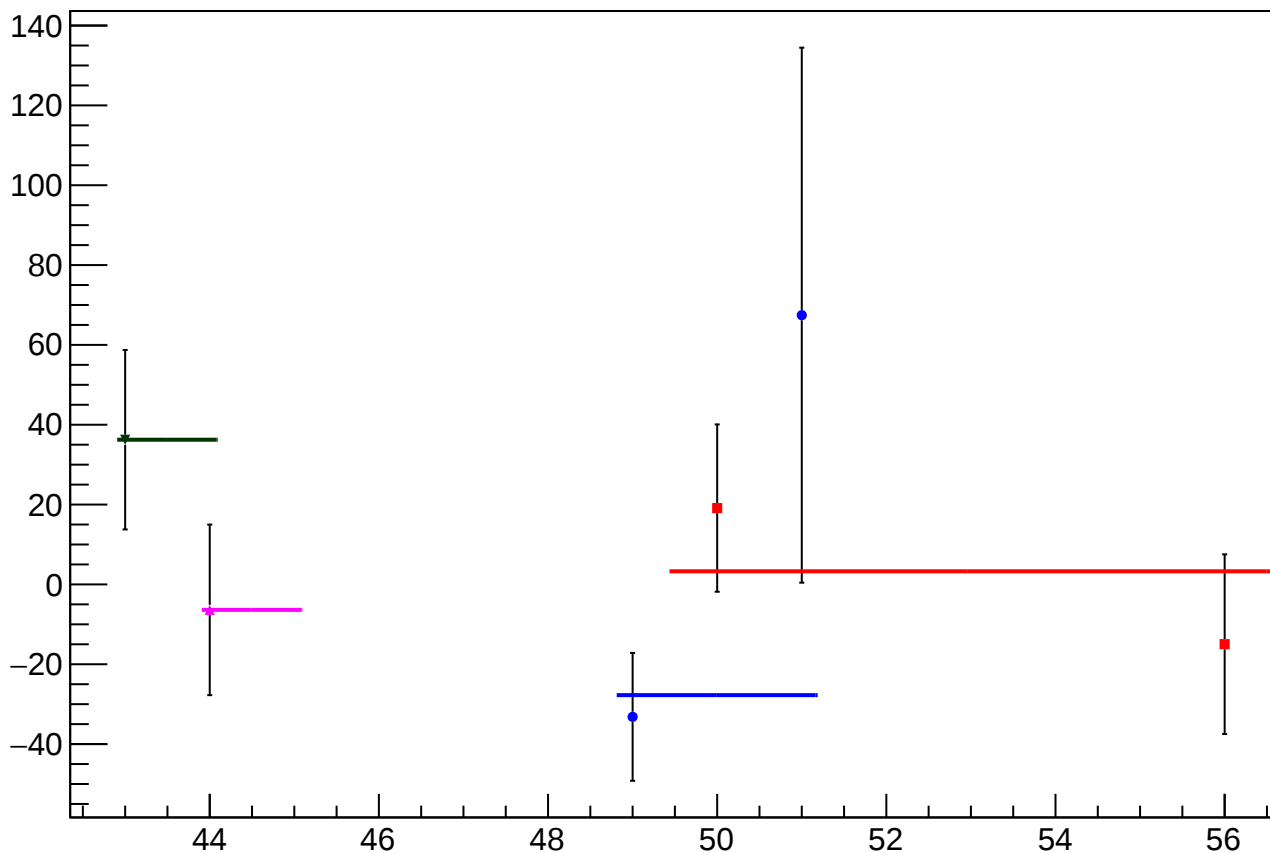
Right Out: 147.679 $\pm$ 0.106 χ^2 /NDF: 9750.7/1

Left In: 186.629 $\pm$ 0.184 χ^2 /NDF: 0.0/0

145.526 $\pm$ 0.088 χ^2 /NDF: 15478.7/2

157.319 $\pm$ 0.092 χ^2 /NDF: 43318.6/2

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -27.737 ± 15.581 $\chi^2/\text{NDF}: 2.1/1$

Left Out: 36.249 ± 22.481 $\chi^2/\text{NDF}: 0.0/0$

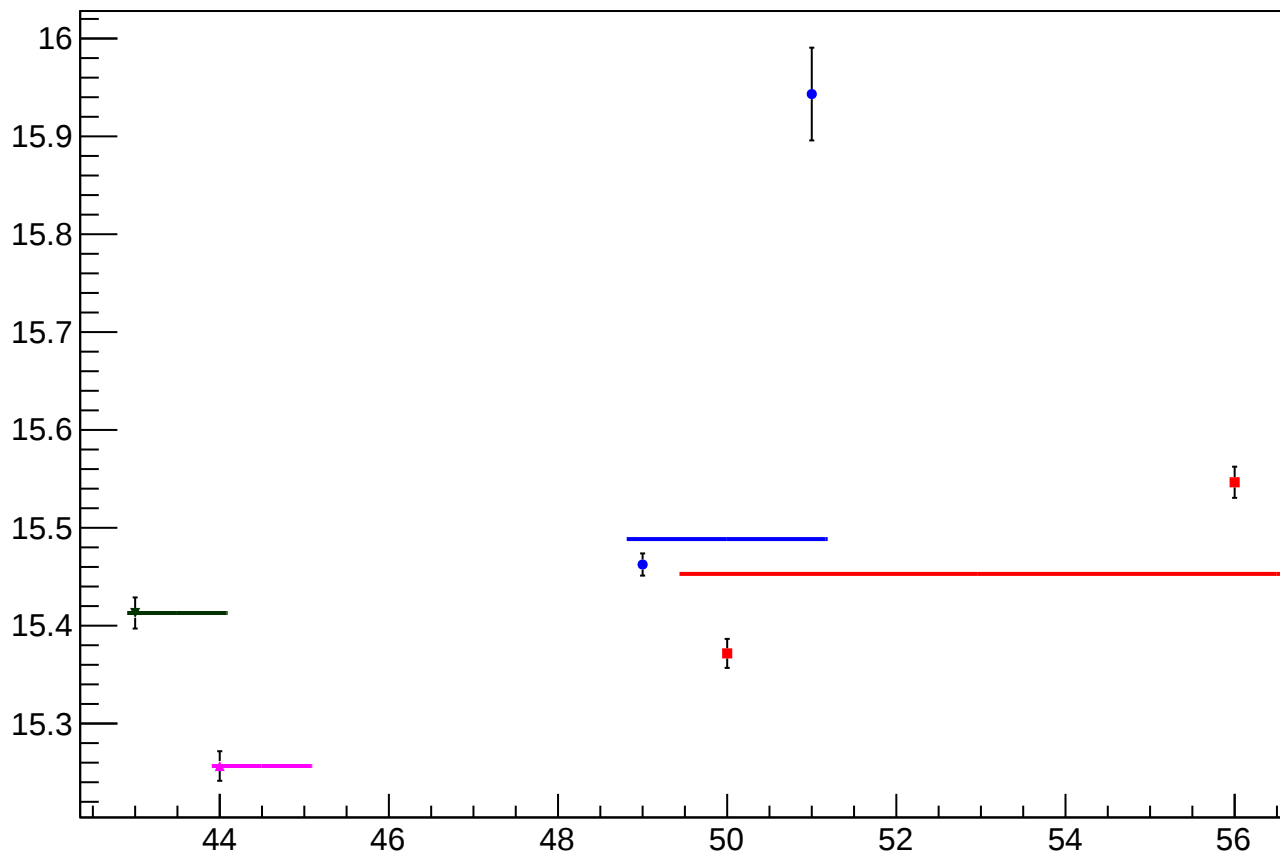
Right Out: 3.285 ± 15.338 $\chi^2/\text{NDF}: 1.2/1$

Left In: -6.377 ± 21.365 $\chi^2/\text{NDF}: 0.0/0$

-6.974 ± 12.806 $\chi^2/\text{NDF}: 7.6/2$

-0.001 ± 12.459 $\chi^2/\text{NDF}: 1.4/2$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.488 $\pm$ 0.011 χ^2 /NDF: 97.4/1

Left Out: 15.413 $\pm$ 0.016 χ^2 /NDF: 0.0/0

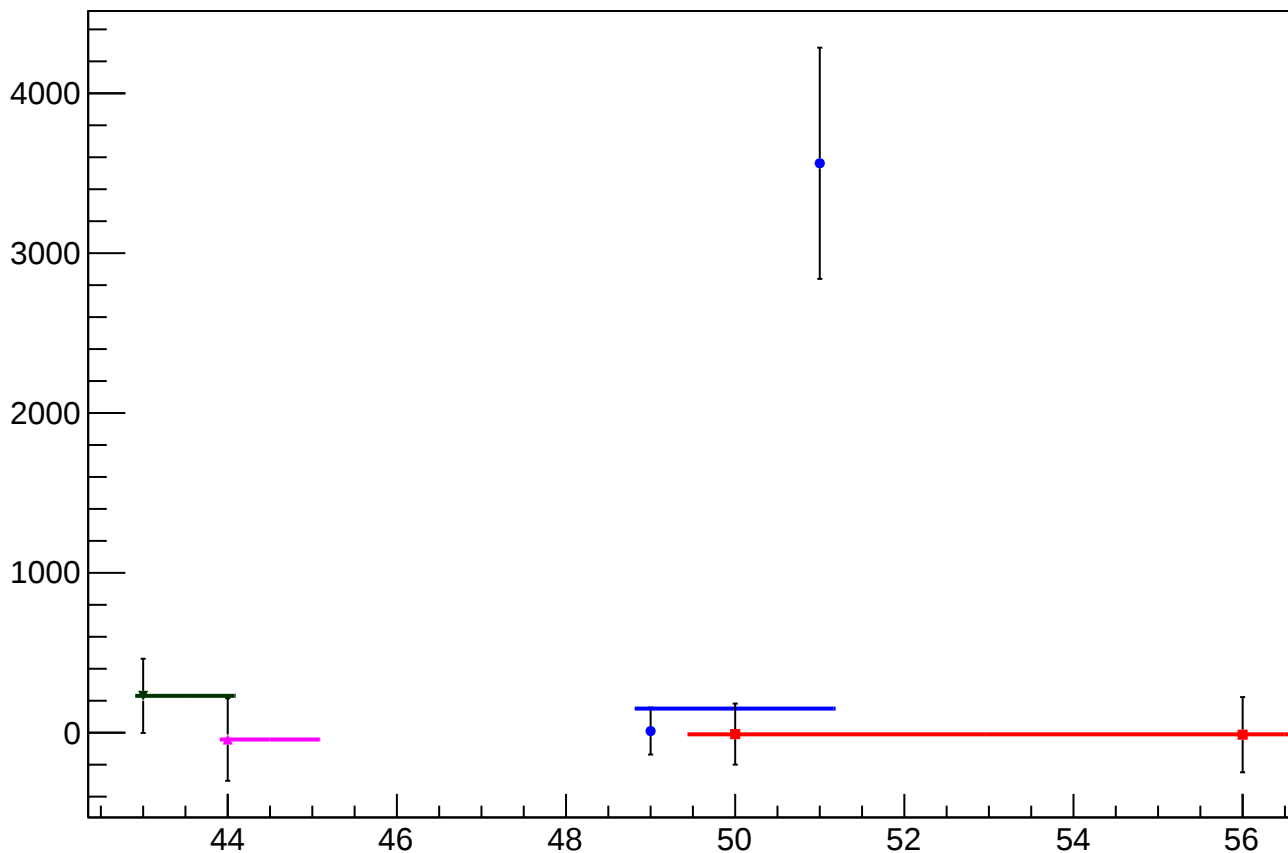
Right Out: 15.453 $\pm$ 0.011 χ^2 /NDF: 64.7/1

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.464 $\pm$ 0.009 χ^2 /NDF: 112.6/2

15.386 $\pm$ 0.009 χ^2 /NDF: 176.1/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 150.876+/-143.919 χ^2 /NDF: 23.2/1

Left Out: 230.569+/-232.106 χ^2 /NDF: 0.0/0

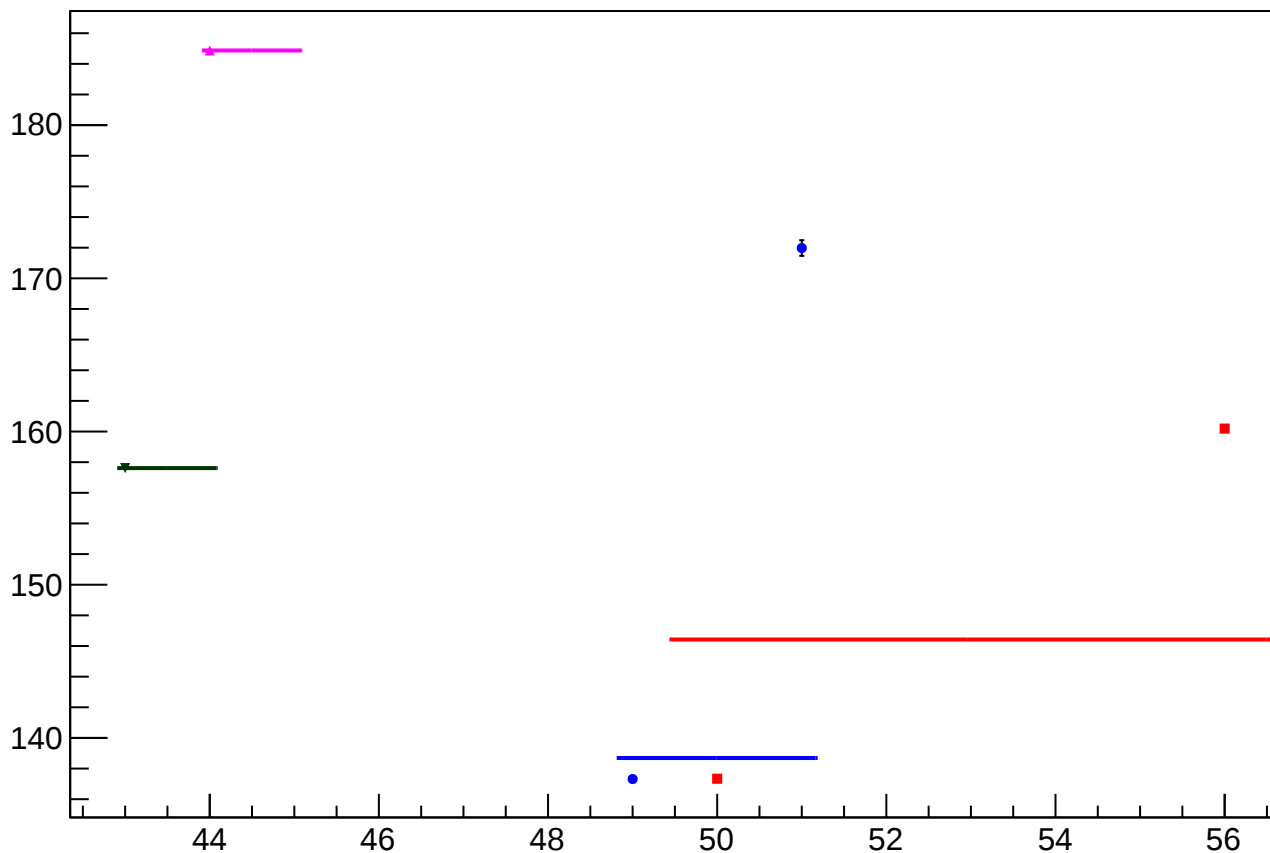
Right Out: -10.272+/-148.293 χ^2 /NDF: 0.0/1

Left In: -42.573+/-258.353 χ^2 /NDF: 0.0/0

173.007+/-122.314 χ^2 /NDF: 23.3/2

-18.277+/-128.612 χ^2 /NDF: 0.0/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 138.688 ± 0.102 $\chi^2/\text{NDF}: 4412.7/1$

Left Out: 157.613 ± 0.164 $\chi^2/\text{NDF}: 0.0/0$

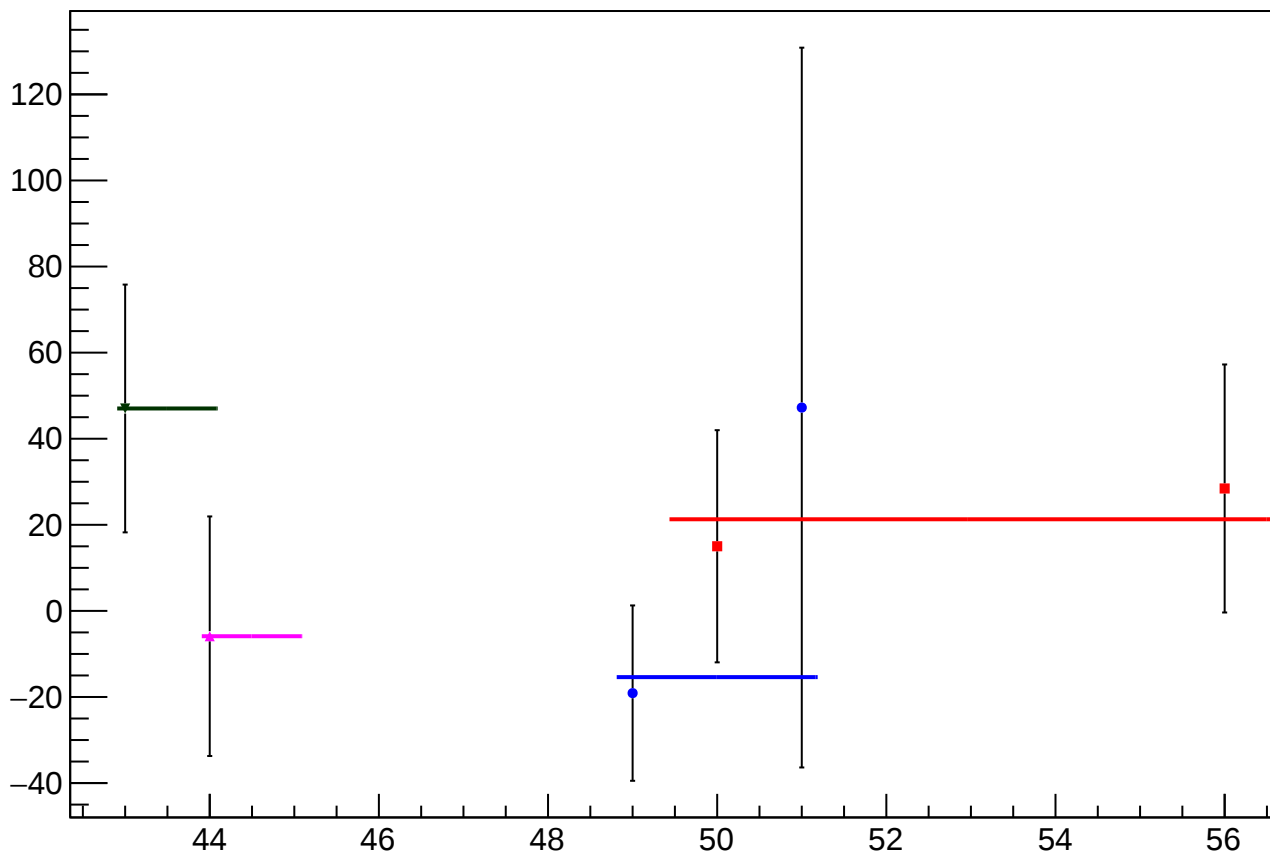
Right Out: 146.424 ± 0.105 $\chi^2/\text{NDF}: 11378.4/1$

Left In: 184.874 ± 0.183 $\chi^2/\text{NDF}: 0.0/0$

143.944 ± 0.086 $\chi^2/\text{NDF}: 14016.1/2$

155.953 ± 0.091 $\chi^2/\text{NDF}: 44699.4/2$

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -15.385 $\pm$ 19.791 χ^2/NDF : 0.6/1

Left Out: 47.028 $\pm$ 28.784 χ^2/NDF : 0.0/0

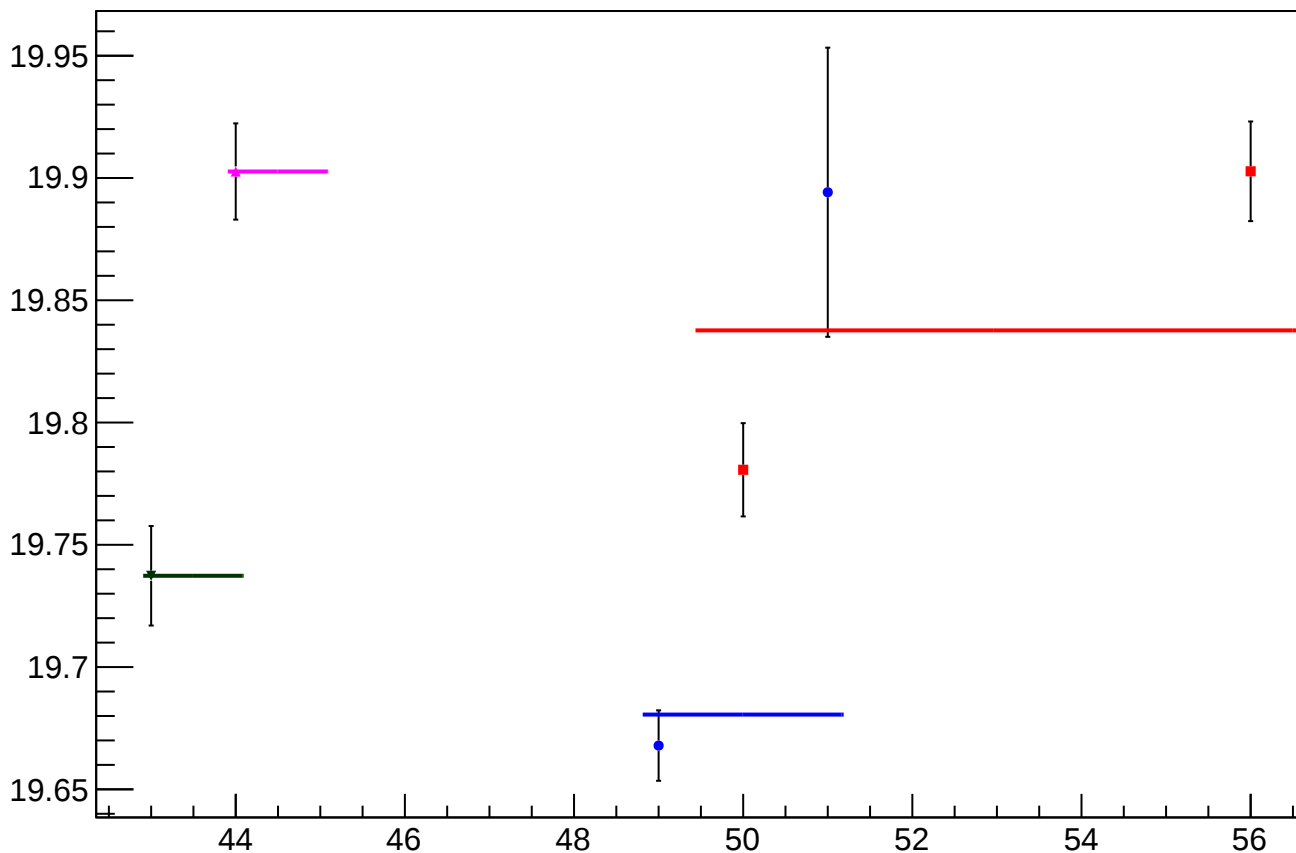
Right Out: 21.286 $\pm$ 19.690 χ^2/NDF : 0.1/1

Left In: -5.884 $\pm$ 27.829 χ^2/NDF : 0.0/0

4.650 $\pm$ 16.308 χ^2/NDF : 3.8/2

12.222 $\pm$ 16.073 χ^2/NDF : 0.8/2

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.681 $\pm$ 0.014 χ^2/NDF : 13.8/1

Left Out: 19.737 $\pm$ 0.020 χ^2/NDF : 0.0/0

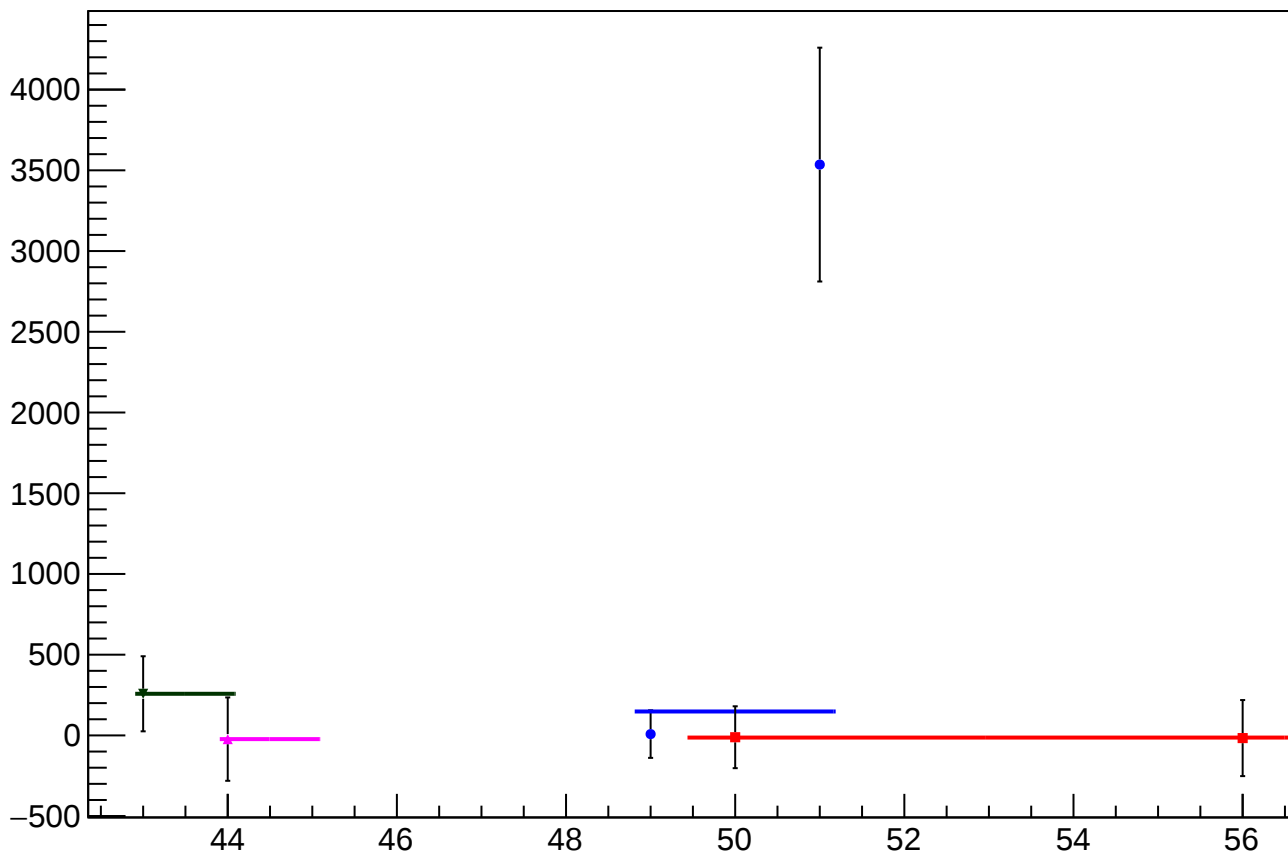
Right Out: 19.838 $\pm$ 0.014 χ^2/NDF : 19.1/1

Left In: 19.903 $\pm$ 0.020 χ^2/NDF : 0.0/0

19.699 $\pm$ 0.012 χ^2/NDF : 19.1/2

19.859 $\pm$ 0.011 χ^2/NDF : 26.4/2

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 148.222±/-144.308 χ^2 /NDF: 22.8/1

Left Out: 257.793±/-232.498 χ^2 /NDF: 0.0/0

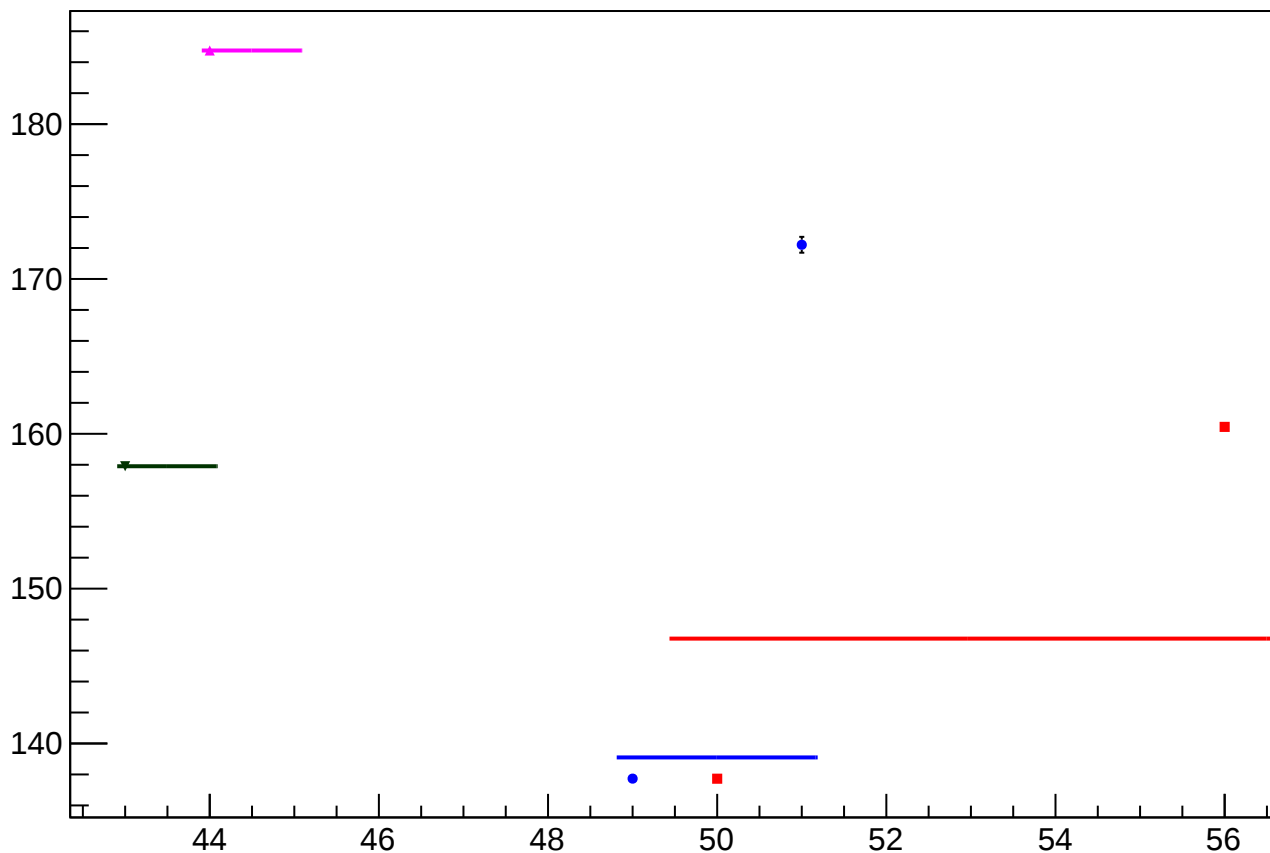
Right Out: -13.369±/-148.641 χ^2 /NDF: 0.0/1

Left In: -22.928±/-258.180 χ^2 /NDF: 0.0/0

178.694±/-122.610 χ^2 /NDF: 22.9/2

-15.748±/-128.817 χ^2 /NDF: 0.0/2

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 139.099 $\pm$ 0.102 χ^2 /NDF: 4353.4/1

Left Out: 157.905 $\pm$ 0.164 χ^2 /NDF: 0.0/0

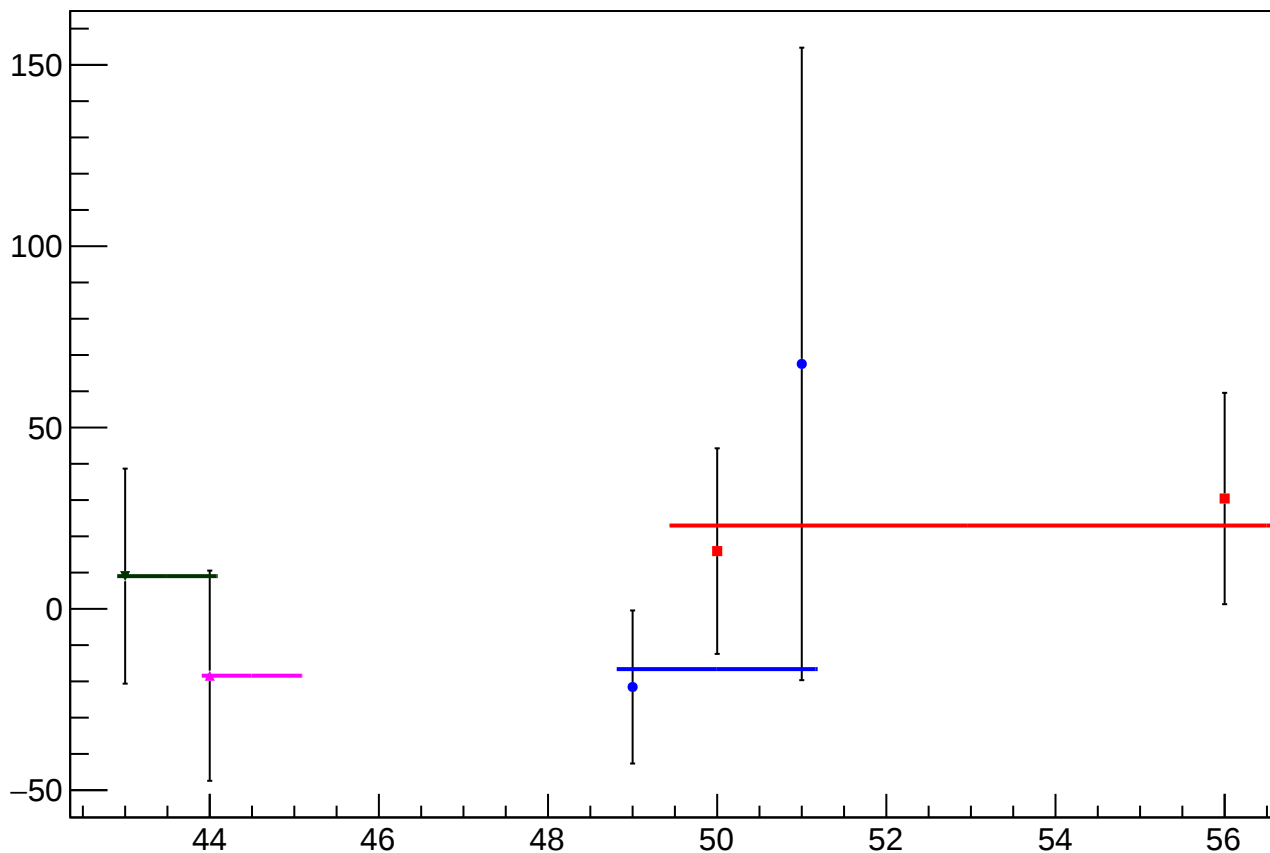
144.330 $\pm$ 0.087 χ^2 /NDF: 13799.5/2

Right Out: 146.773 $\pm$ 0.105 χ^2 /NDF: 11198.9/1

156.229 $\pm$ 0.091 χ^2 /NDF: 43708.9/2

Left In: 184.755 $\pm$ 0.183 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -16.616 $\pm$ 20.514 χ^2 /NDF: 1.0/1

Left Out: 9.023 $\pm$ 29.646 χ^2 /NDF: 0.0/0

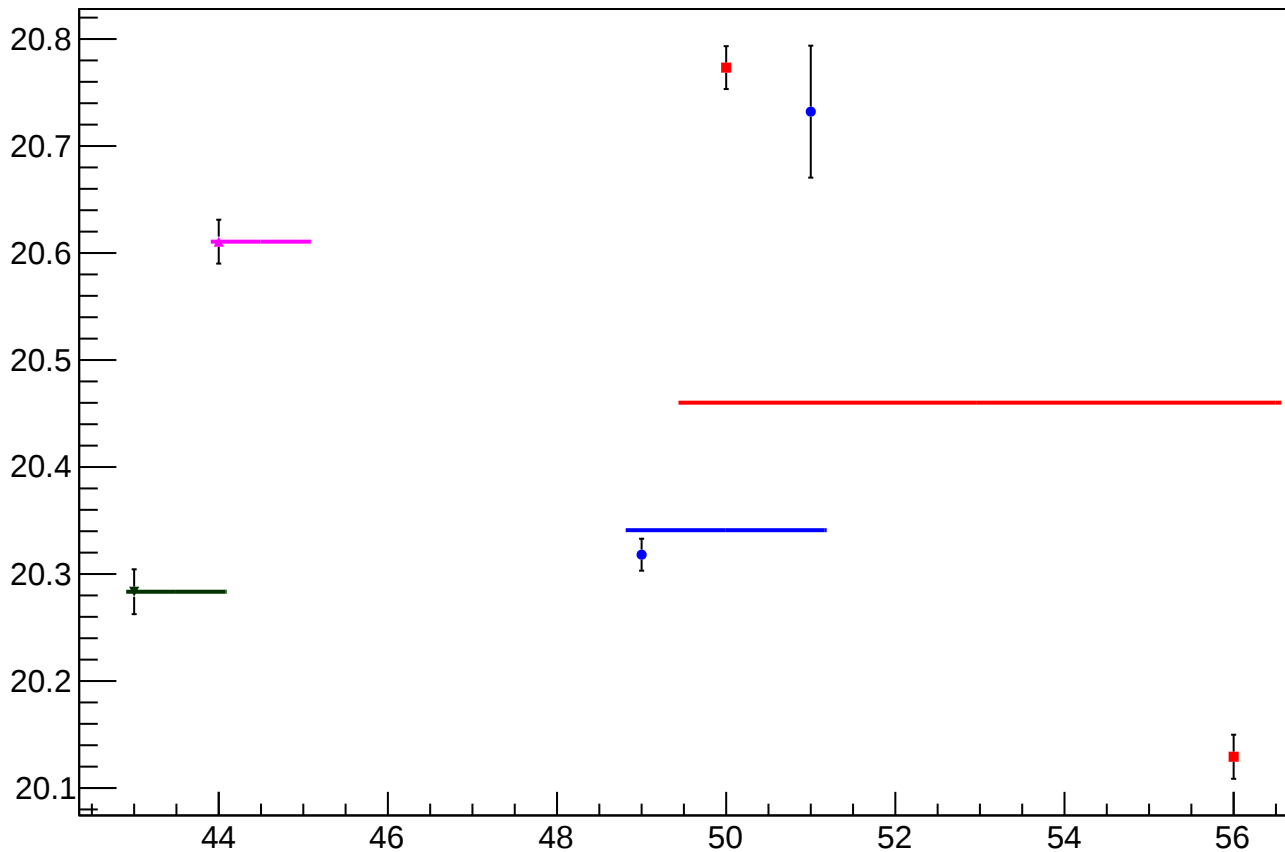
Right Out: 22.976 $\pm$ 20.319 χ^2 /NDF: 0.1/1

Left In: -18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

-8.315 $\pm$ 16.869 χ^2 /NDF: 1.5/2

9.331 $\pm$ 16.637 χ^2 /NDF: 1.5/2

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.341 $\pm$ 0.015 χ^2/NDF : 42.6/1

Left Out: 20.283 $\pm$ 0.021 χ^2/NDF : 0.0/0

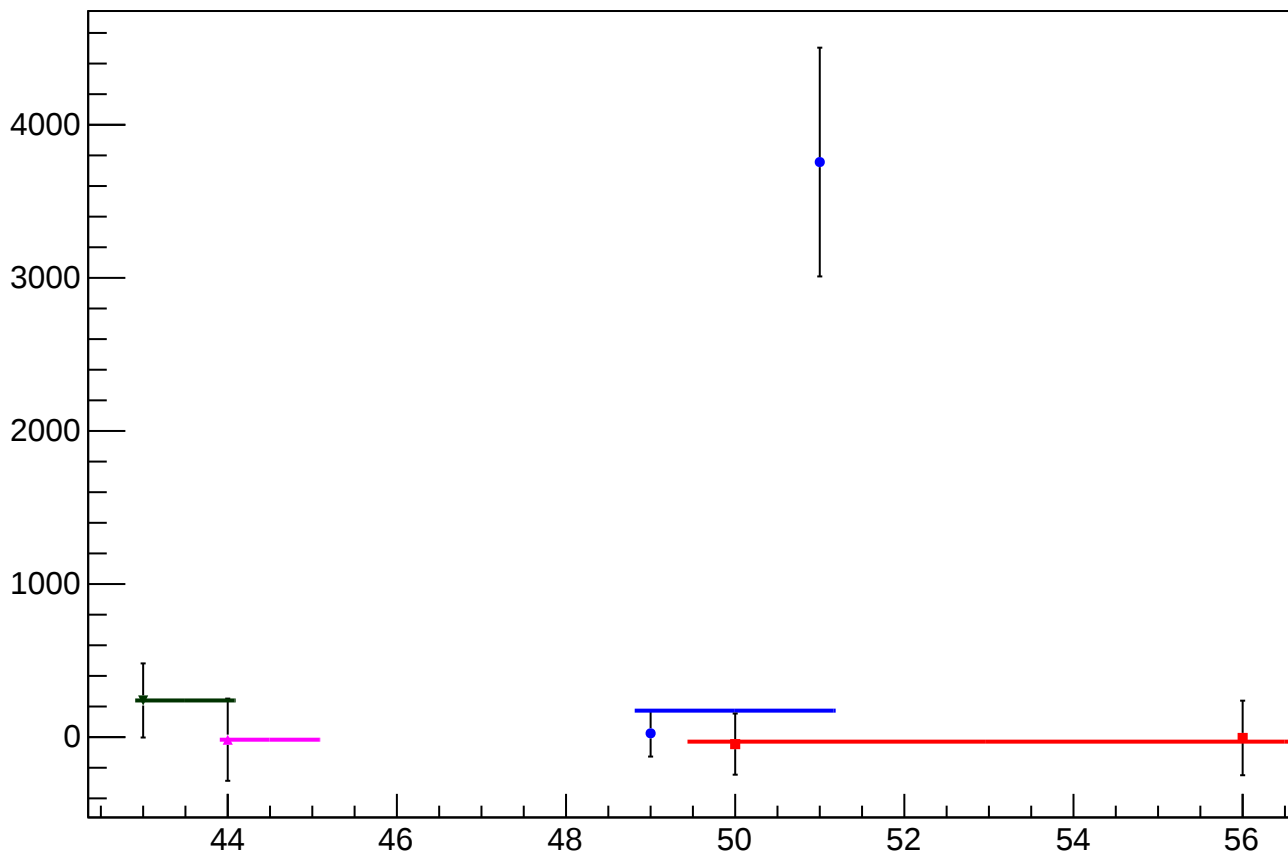
Right Out: 20.460 $\pm$ 0.014 χ^2/NDF : 502.0/1

Left In: 20.611 $\pm$ 0.020 χ^2/NDF : 0.0/0

20.322 $\pm$ 0.012 χ^2/NDF : 47.7/2

20.510 $\pm$ 0.012 χ^2/NDF : 538.1/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 173.039 $\pm$ 148.855 χ^2/NDF : 24.0/1

Left Out: 239.549 $\pm$ 242.055 χ^2/NDF : 0.0/0

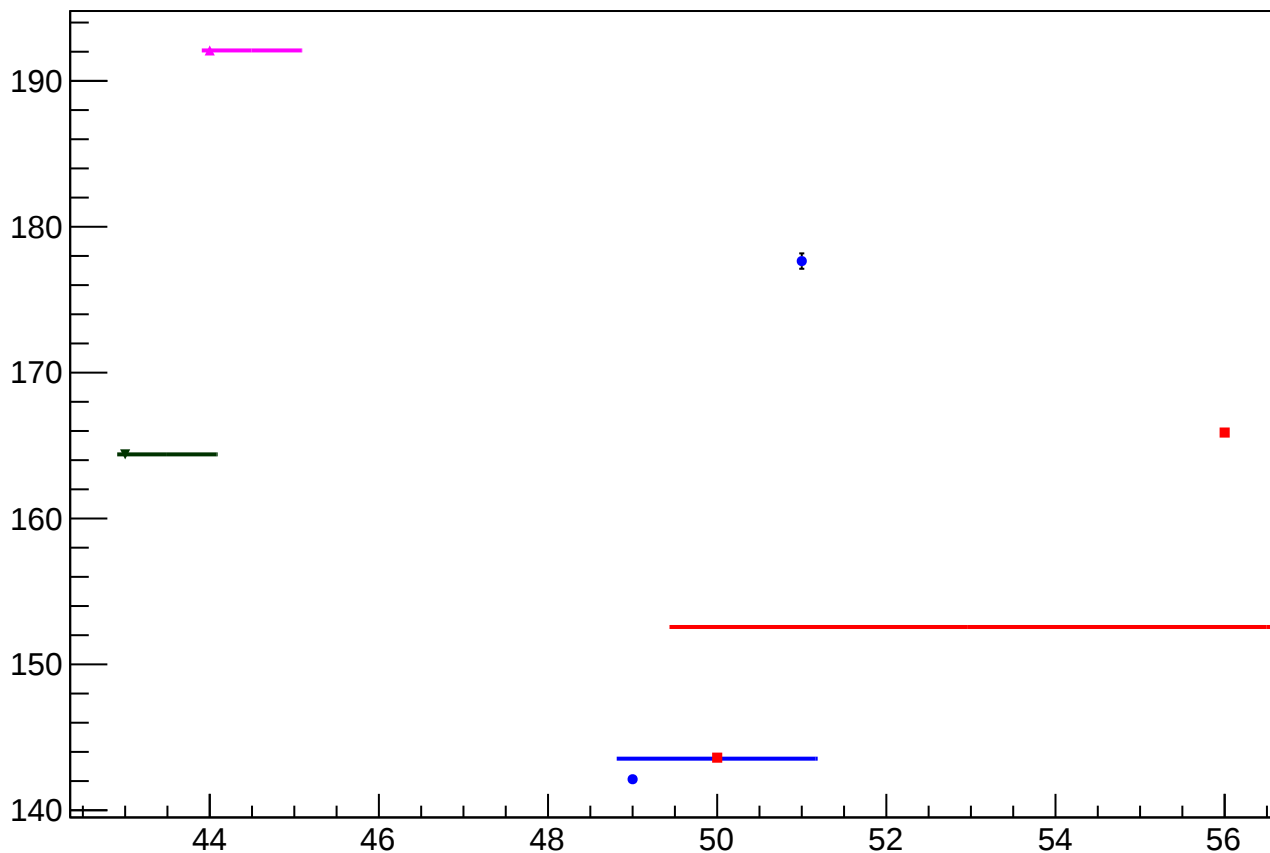
Right Out: -29.468 $\pm$ 154.390 χ^2/NDF : 0.0/1

Left In: -16.805 $\pm$ 268.428 χ^2/NDF : 0.0/0

191.290 $\pm$ 126.798 χ^2/NDF : 24.0/2

-26.321 $\pm$ 133.832 χ^2/NDF : 0.0/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 143.536 $\pm$ 0.105 χ^2 /NDF: 4341.1/1

Left Out: 164.396 $\pm$ 0.171 χ^2 /NDF: 0.0/0

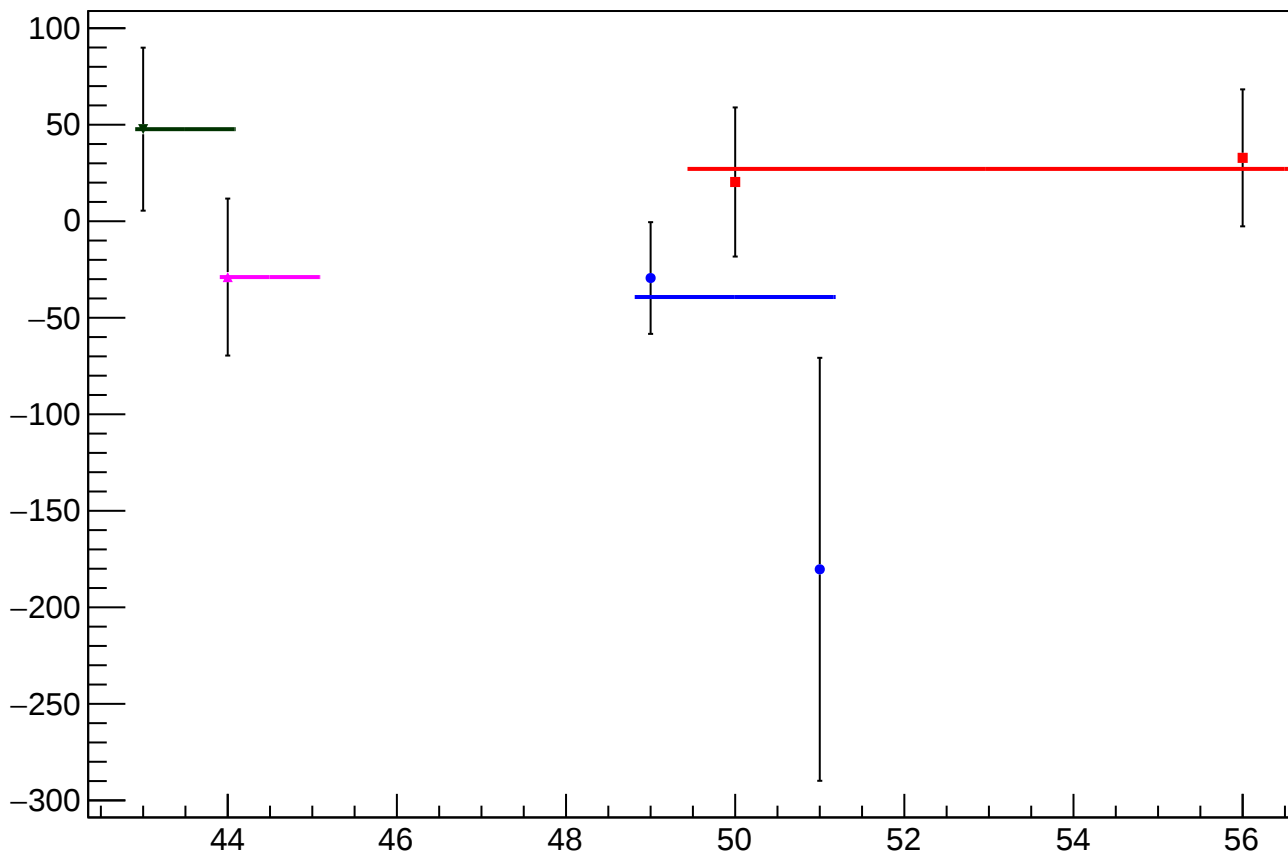
Right Out: 152.563 $\pm$ 0.109 χ^2 /NDF: 10019.0/1

Left In: 192.088 $\pm$ 0.190 χ^2 /NDF: 0.0/0

149.260 $\pm$ 0.090 χ^2 /NDF: 15119.0/2

162.388 $\pm$ 0.095 χ^2 /NDF: 42602.8/2

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -39.251 $\pm$ 27.976 χ^2 /NDF: 1.8/1

Left Out: 47.694 $\pm$ 42.218 χ^2 /NDF: 0.0/0

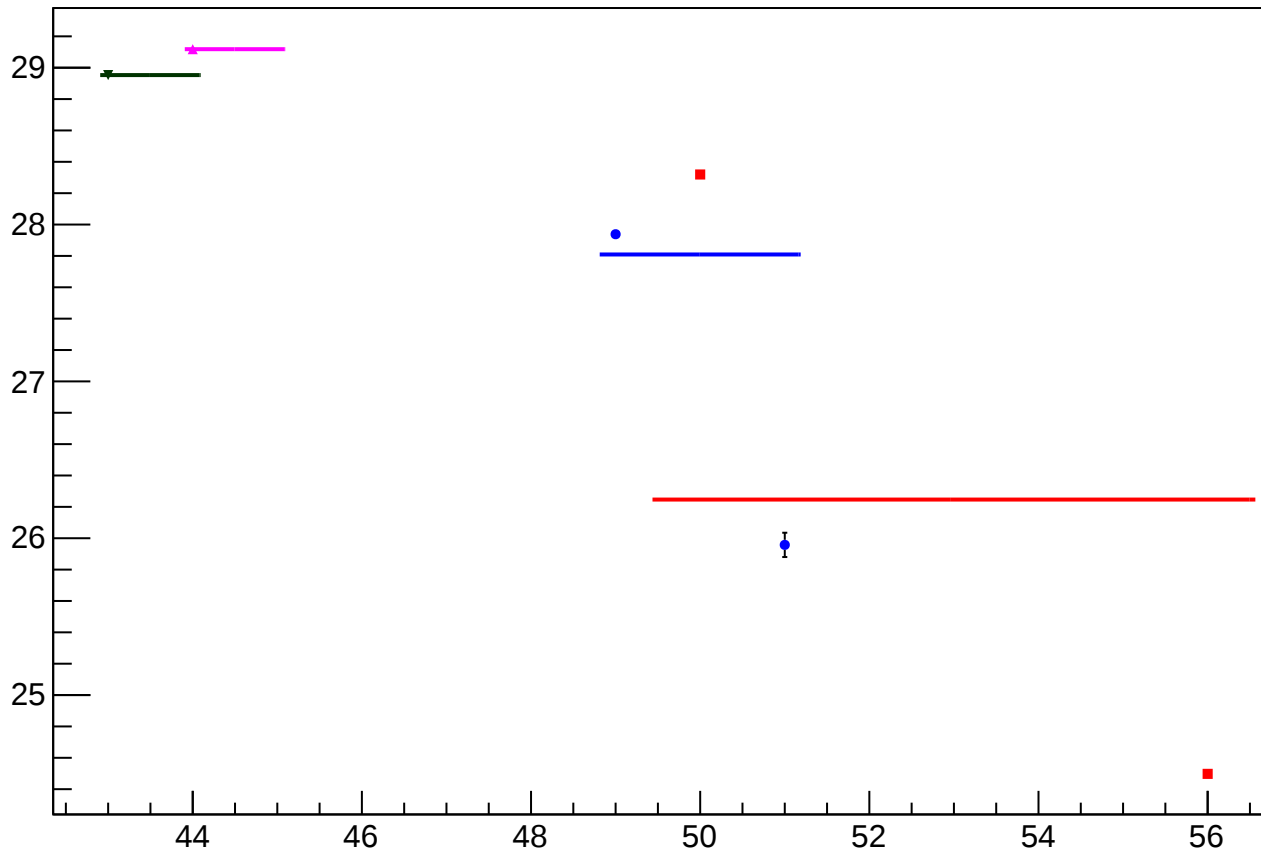
Right Out: 27.111 $\pm$ 26.129 χ^2 /NDF: 0.1/1

Left In: -28.921 $\pm$ 40.658 χ^2 /NDF: 0.0/0

-12.722 $\pm$ 23.320 χ^2 /NDF: 4.7/2

10.734 $\pm$ 21.981 χ^2 /NDF: 1.4/2

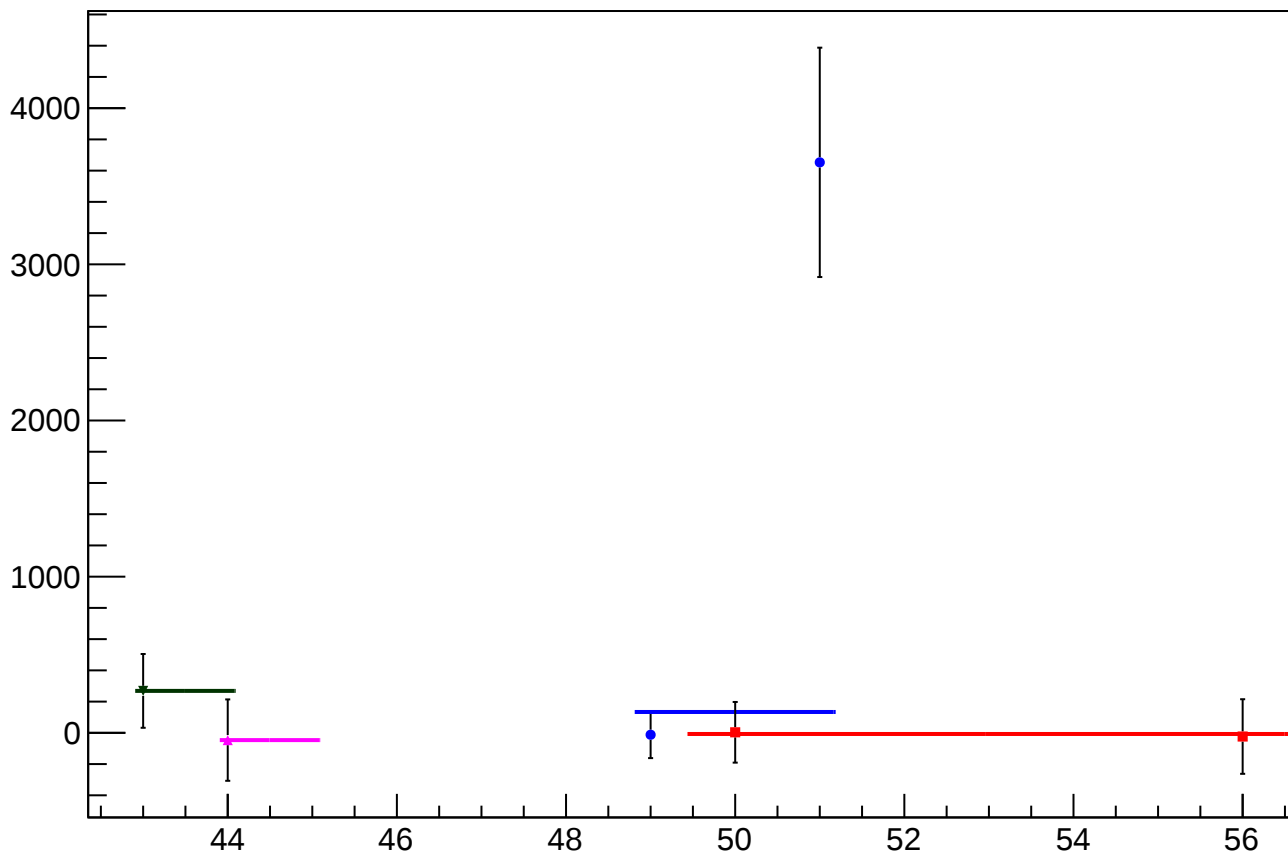
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 27.809 $\pm$ 0.020 χ^2 /NDF: 611.1/1
 Left Out: 28.953 $\pm$ 0.030 χ^2 /NDF: 0.0/0
 Right Out: 26.247 $\pm$ 0.018 χ^2 /NDF: 10619.2/1
 Left In: 29.118 $\pm$ 0.029 χ^2 /NDF: 0.0/0

28.158 $\pm$ 0.016 χ^2 /NDF: 1631.3/2
 27.086 $\pm$ 0.016 χ^2 /NDF: 17679.7/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 133.563+/-146.494 χ^2/NDF : 23.9/1

Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

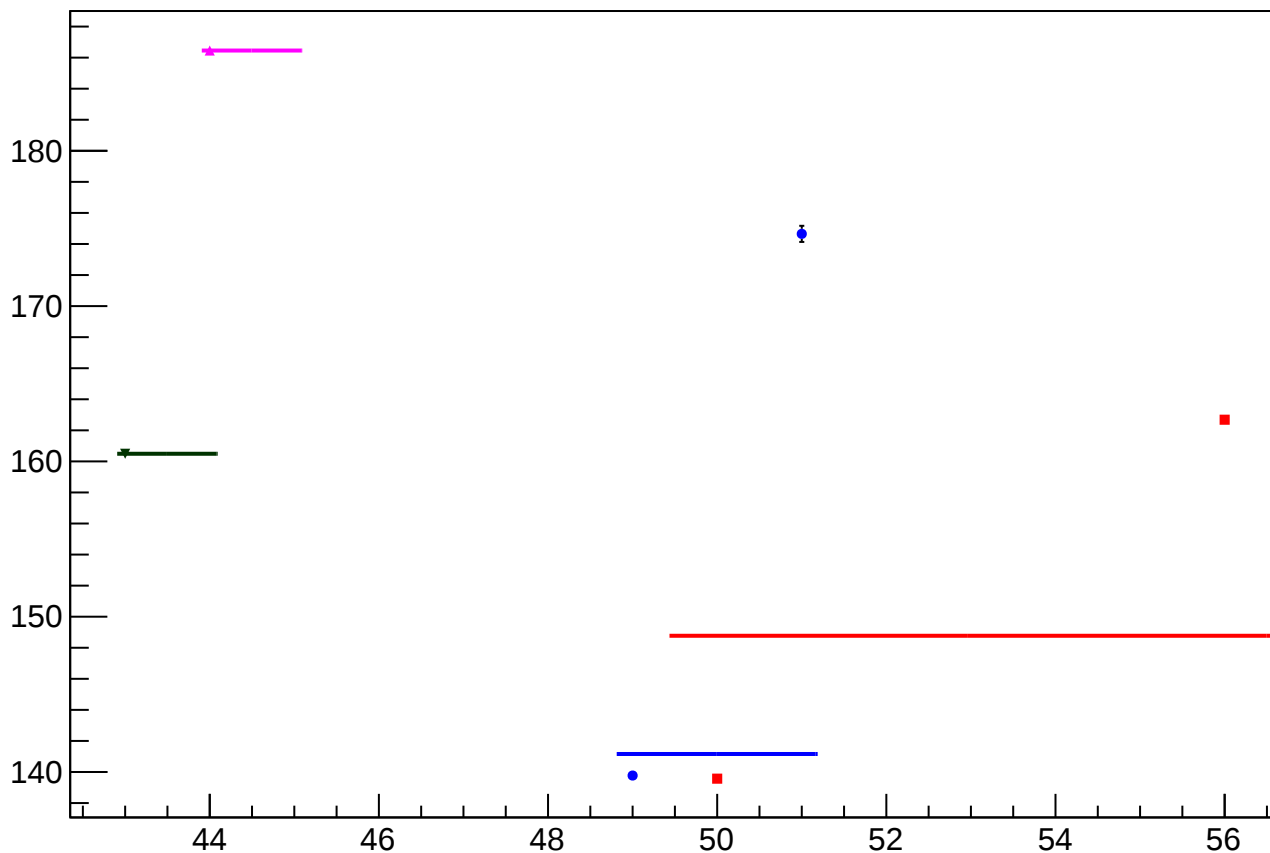
Right Out: -7.326+/-150.690 χ^2/NDF : 0.0/1

Left In: -46.555+/-260.560 χ^2/NDF : 0.0/0

171.059+/-124.501 χ^2/NDF : 24.2/2

-17.158+/-130.446 χ^2/NDF : 0.0/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 141.159 ± 0.104 $\chi^2/\text{NDF}: 4332.6/1$

Left Out: 160.492 ± 0.167 $\chi^2/\text{NDF}: 0.0/0$

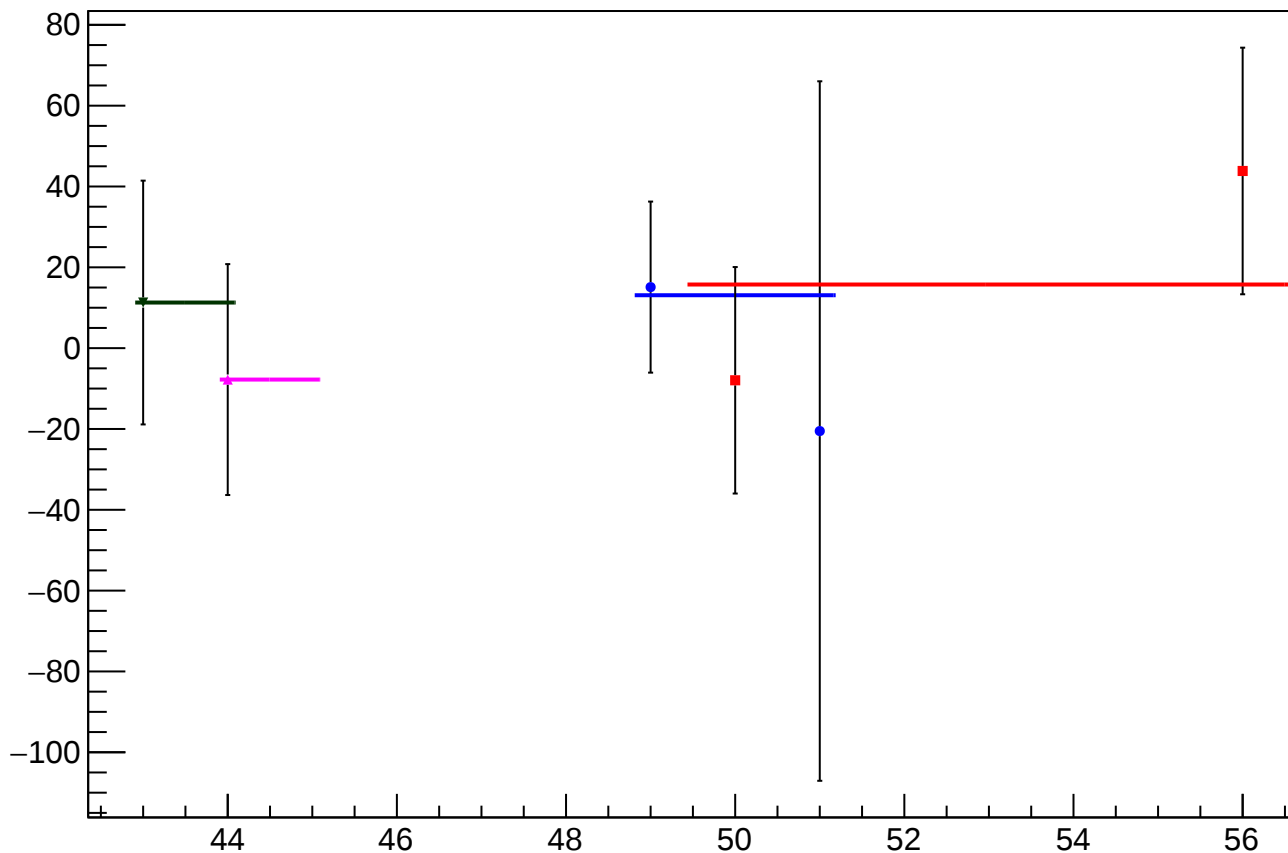
146.528 ± 0.088 $\chi^2/\text{NDF}: 14005.7/2$

Right Out: 148.772 ± 0.107 $\chi^2/\text{NDF}: 11275.0/1$

158.217 ± 0.092 $\chi^2/\text{NDF}: 42625.5/2$

Left In: 186.457 ± 0.184 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 13.095+/-20.559 χ^2/NDF : 0.2/1

Left Out: 11.285+/-30.163 χ^2/NDF : 0.0/0

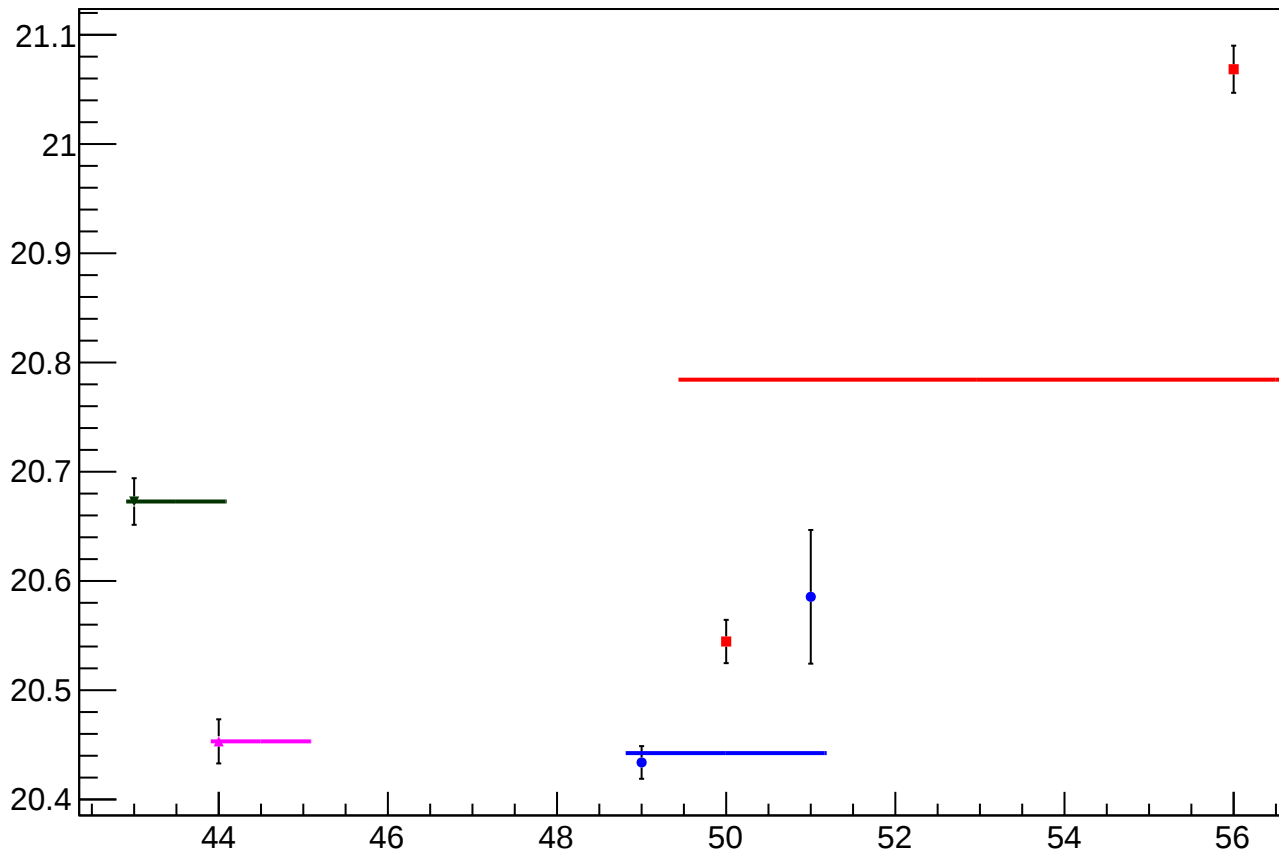
Right Out: 15.745+/-20.639 χ^2/NDF : 1.6/1

Left In: -7.775+/-28.568 χ^2/NDF : 0.0/0

12.521+/-16.988 χ^2/NDF : 0.2/2

7.679+/-16.730 χ^2/NDF : 2.0/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.442 $\pm$ 0.015 χ^2 /NDF: 5.8/1

Left Out: 20.673 $\pm$ 0.021 χ^2 /NDF: 0.0/0

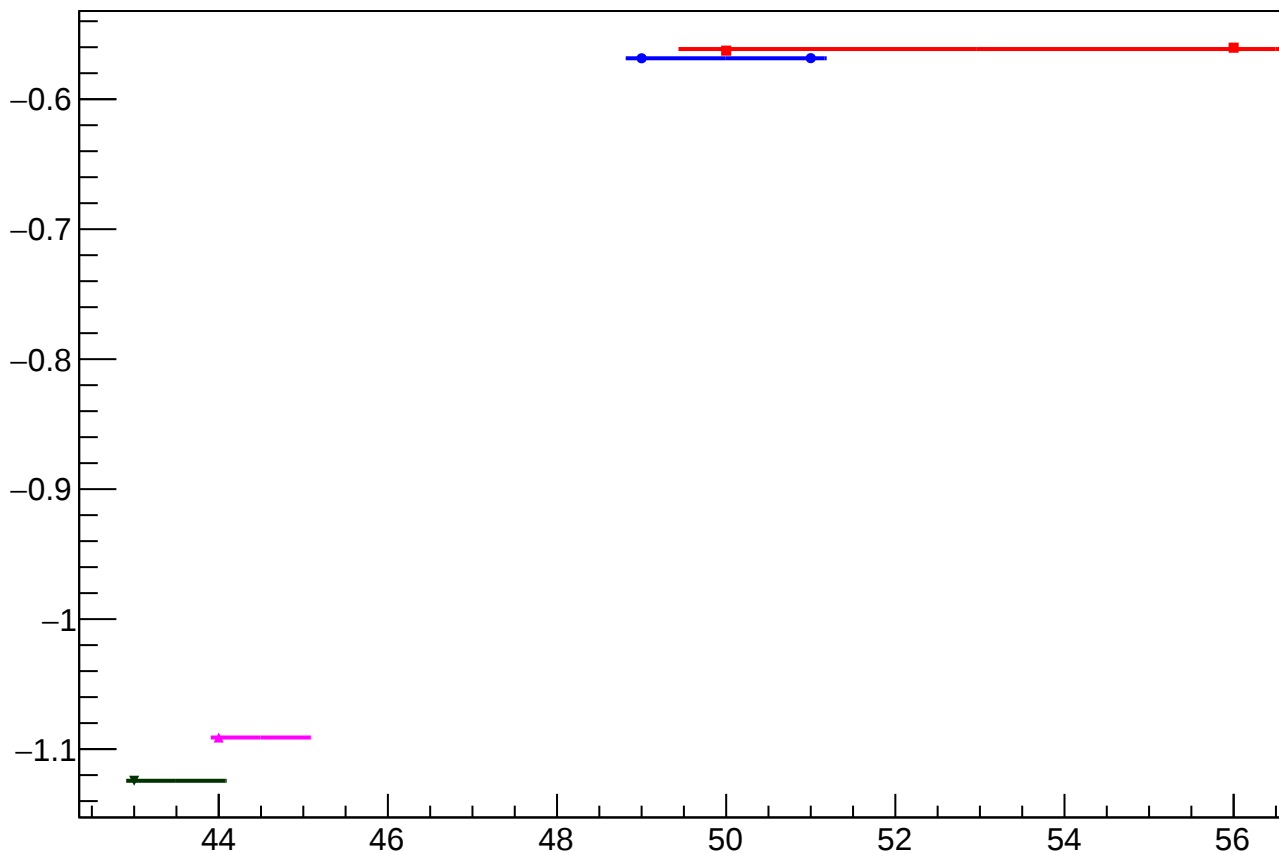
20.515 $\pm$ 0.012 χ^2 /NDF: 85.4/2

Right Out: 20.784 $\pm$ 0.015 χ^2 /NDF: 319.8/1

20.671 $\pm$ 0.012 χ^2 /NDF: 496.4/2

Left In: 20.453 $\pm$ 0.020 χ^2 /NDF: 0.0/0

yield_bpm0l01X_mean vs slug



Right In: -0.569+/-0.000 χ^2/NDF : 3.2/1

Left Out: -1.124+/-0.000 χ^2/NDF : 0.0/0

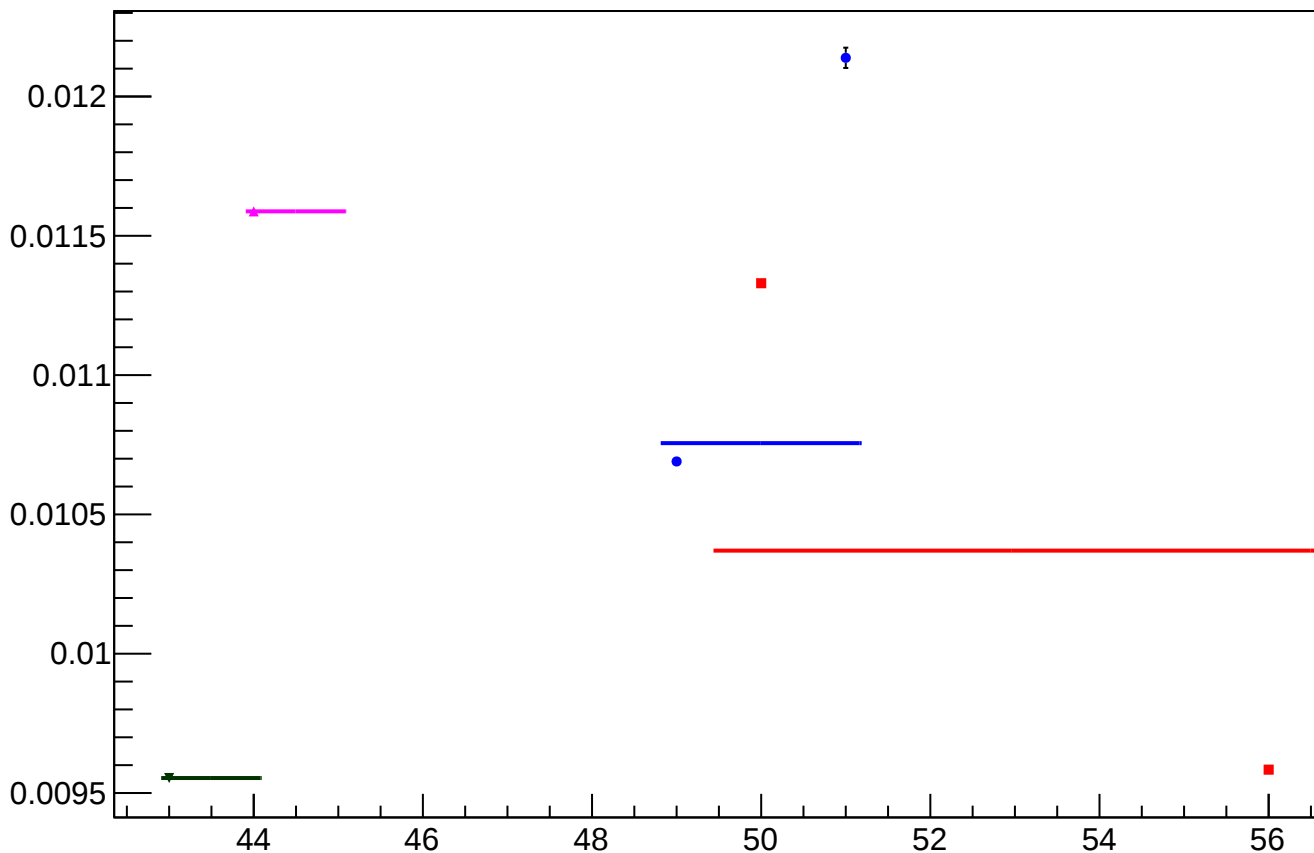
Right Out: -0.561+/-0.000 χ^2/NDF : 11762.0/1

Left In: -1.091+/-0.000 χ^2/NDF : 0.0/0

-0.779+/-0.000 χ^2/NDF : 969763600.4/2

-0.716+/-0.000 χ^2/NDF : 750878698.7/2

yield_bpm0l01X_rms vs slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 1508.5/1

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

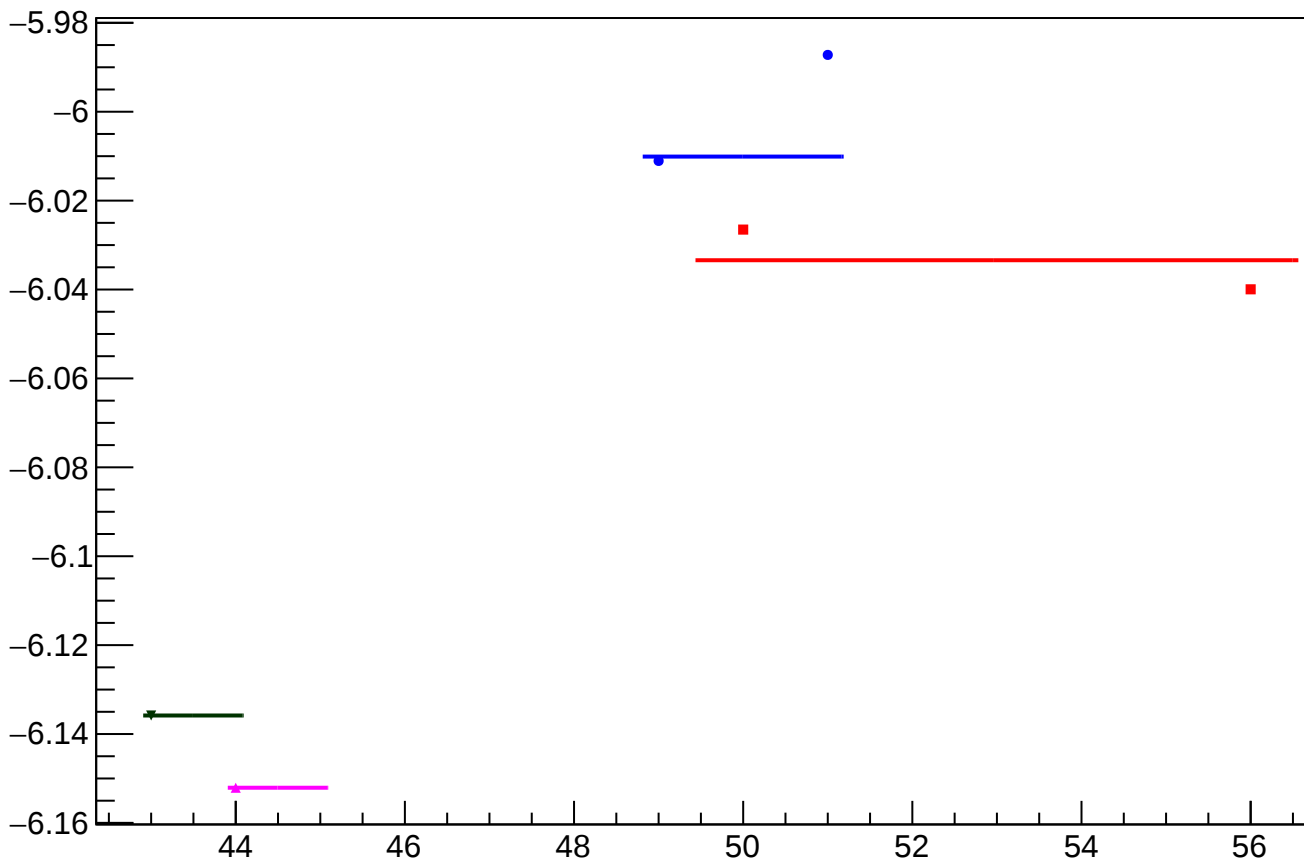
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 13803.2/1

Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 10578.2/2

0.011 $\pm$ 0.000 χ^2 /NDF: 21740.4/2

yield_bpm0l01Y_mean vs slug



Right In: -6.010+/-0.000 χ^2 /NDF: 203616.0/1

Left Out: -6.136+/-0.000 χ^2 /NDF: 0.0/0

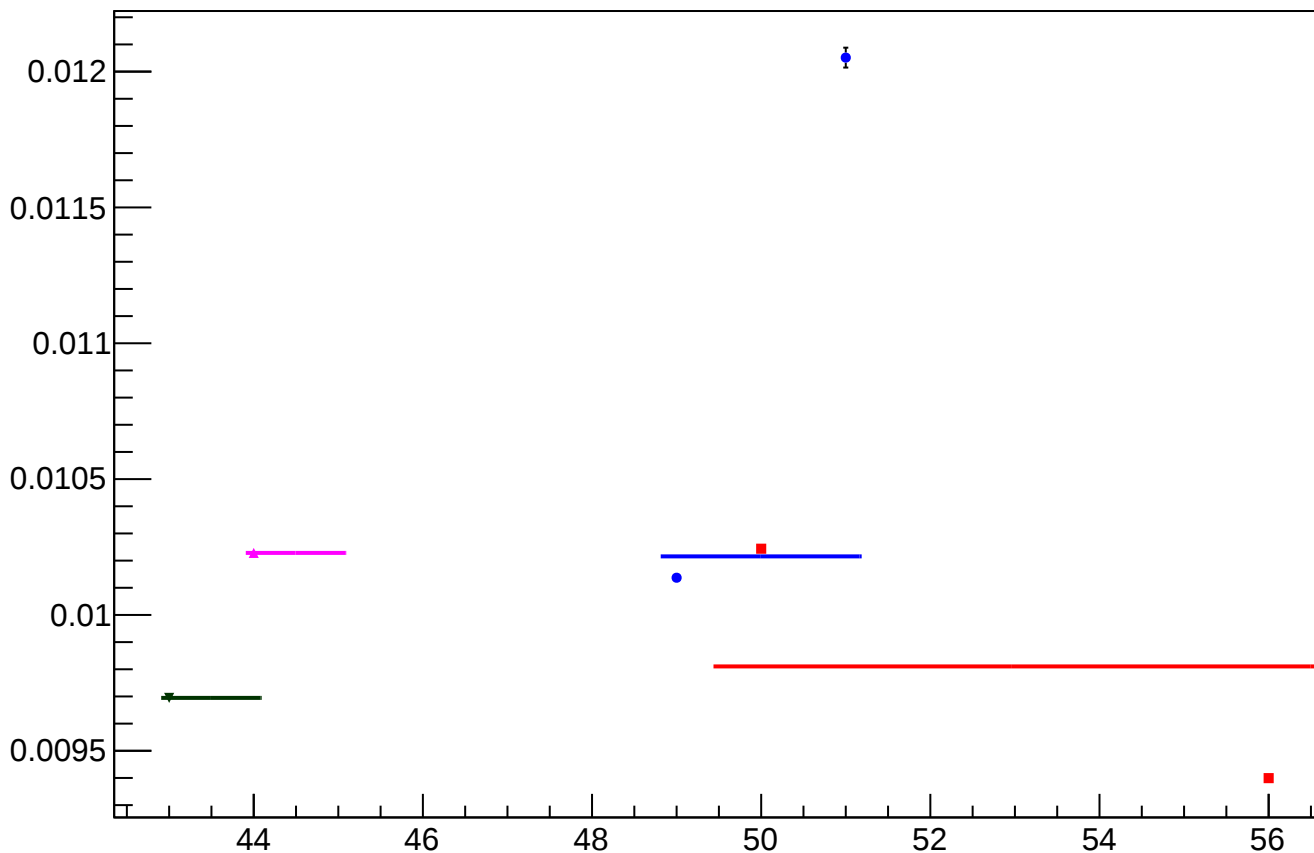
Right Out: -6.033+/-0.000 χ^2 /NDF: 455917.3/1

Left In: -6.152+/-0.000 χ^2 /NDF: 0.0/0

-6.054+/-0.000 χ^2 /NDF: 50328856.2/2

-6.072+/-0.000 χ^2 /NDF: 46181586.0/2

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 2623.0/1

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

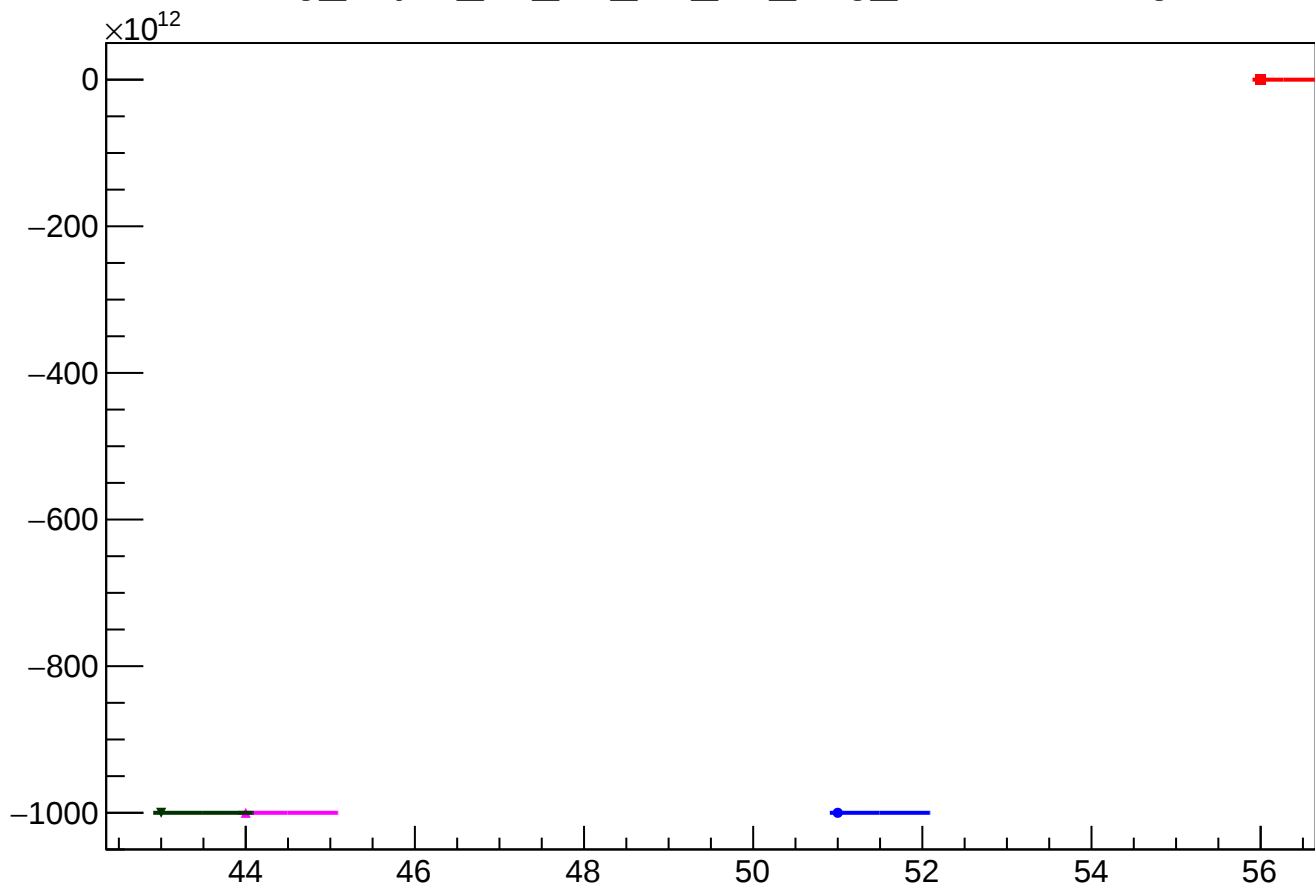
Right Out: 0.010+/-0.000 χ^2/NDF : 3602.6/1

Left In: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 4343.3/2

0.010+/-0.000 χ^2/NDF : 4736.3/2

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: -9999999999999999.875 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: -10000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

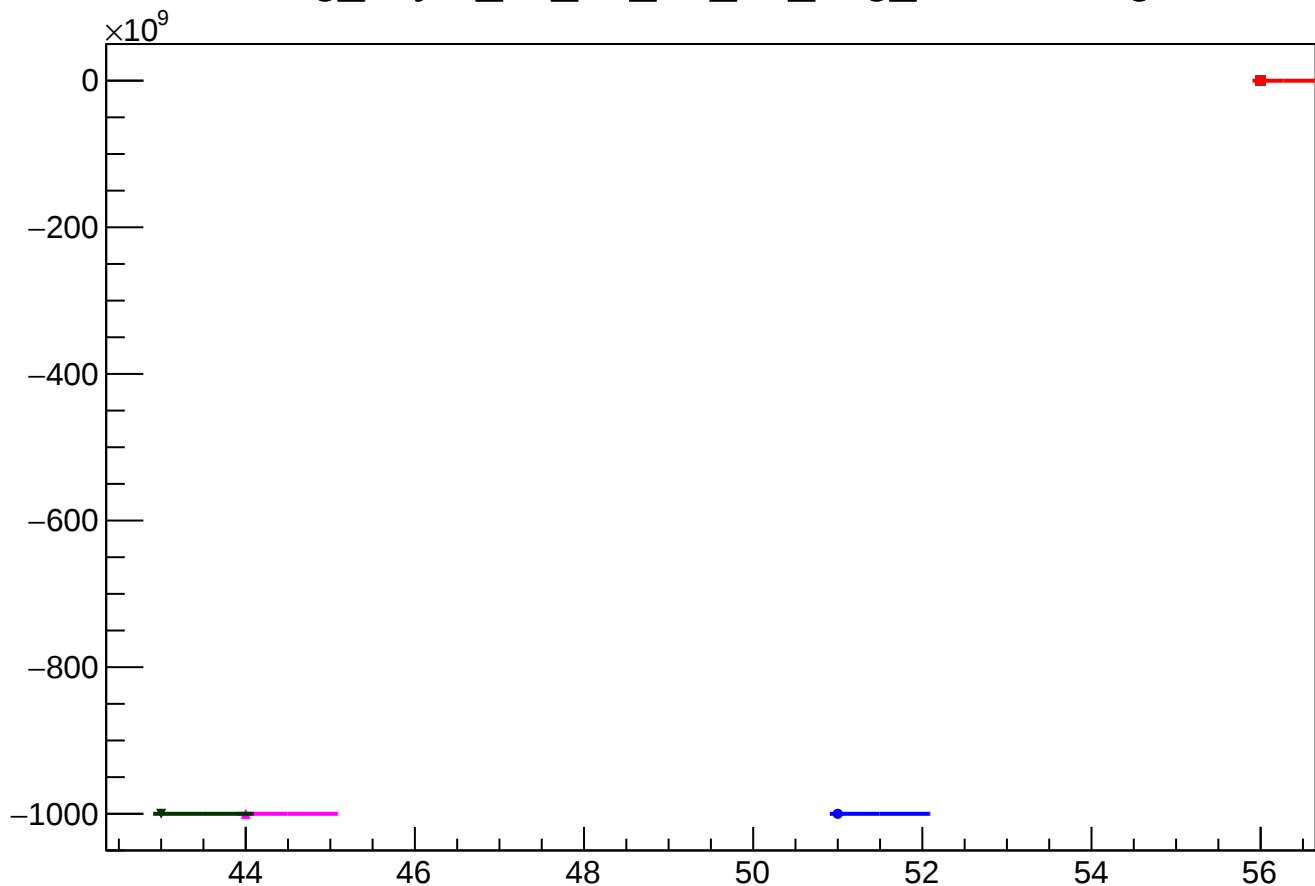
Right Out: -75.920 $\pm$ 1450.832 χ^2 /NDF: 0.0/0

Left In: -10000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

-10000000000000000.125 $\pm$ 0.018 χ^2 /NDF: 16.0/0

-999999990684726.500 $\pm$ 0.140 χ^2 /NDF: 4750/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

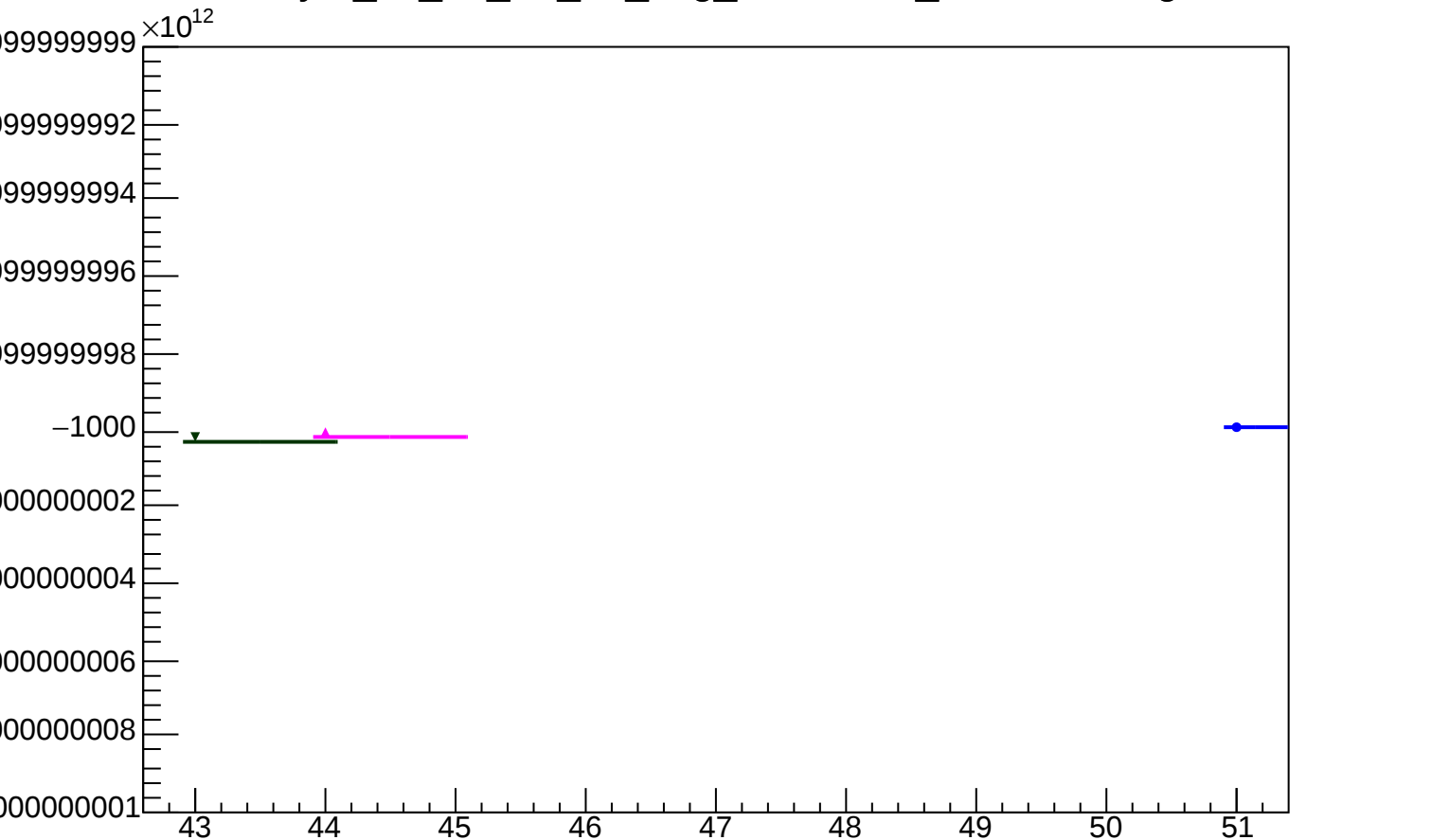
Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

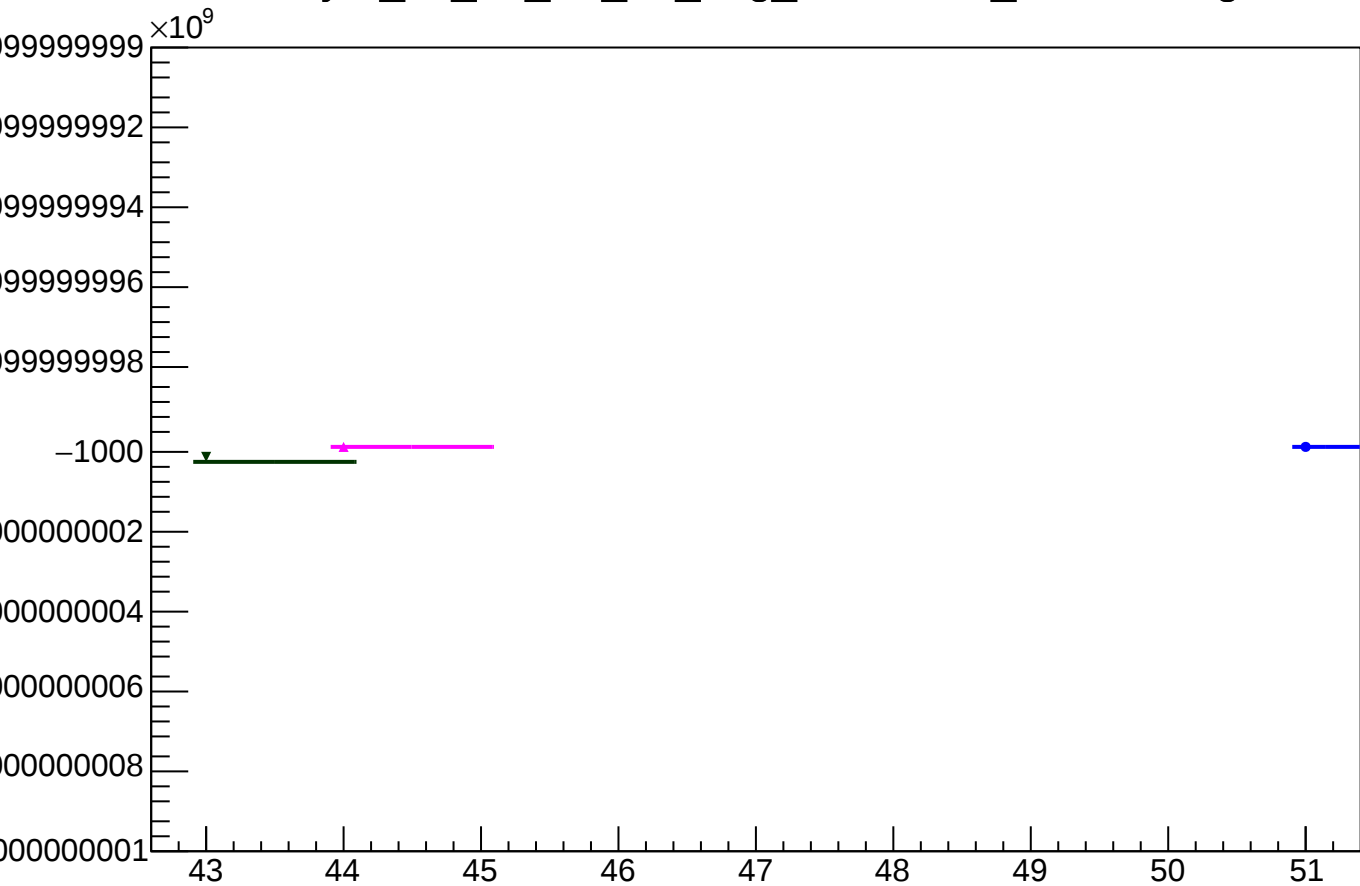
-999999999716.831+/-0.000 χ^2/NDF : 9501578

asym_atl_dd_atr_dd_avg_correction_mean vs slug



Right In: $-9999999999999999.875 \pm 0.062$ $\chi^2/\text{NDF}: 0.0/0$
 Left Out: $-10000000000000000.250 \pm 0.018$ $\chi^2/\text{NDF}: 47.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: $-10000000000000000.125 \pm 0.140$ $\chi^2/\text{NDF}: 0.8/0$

asym_atl_dd_atr_dd_avg_correction_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

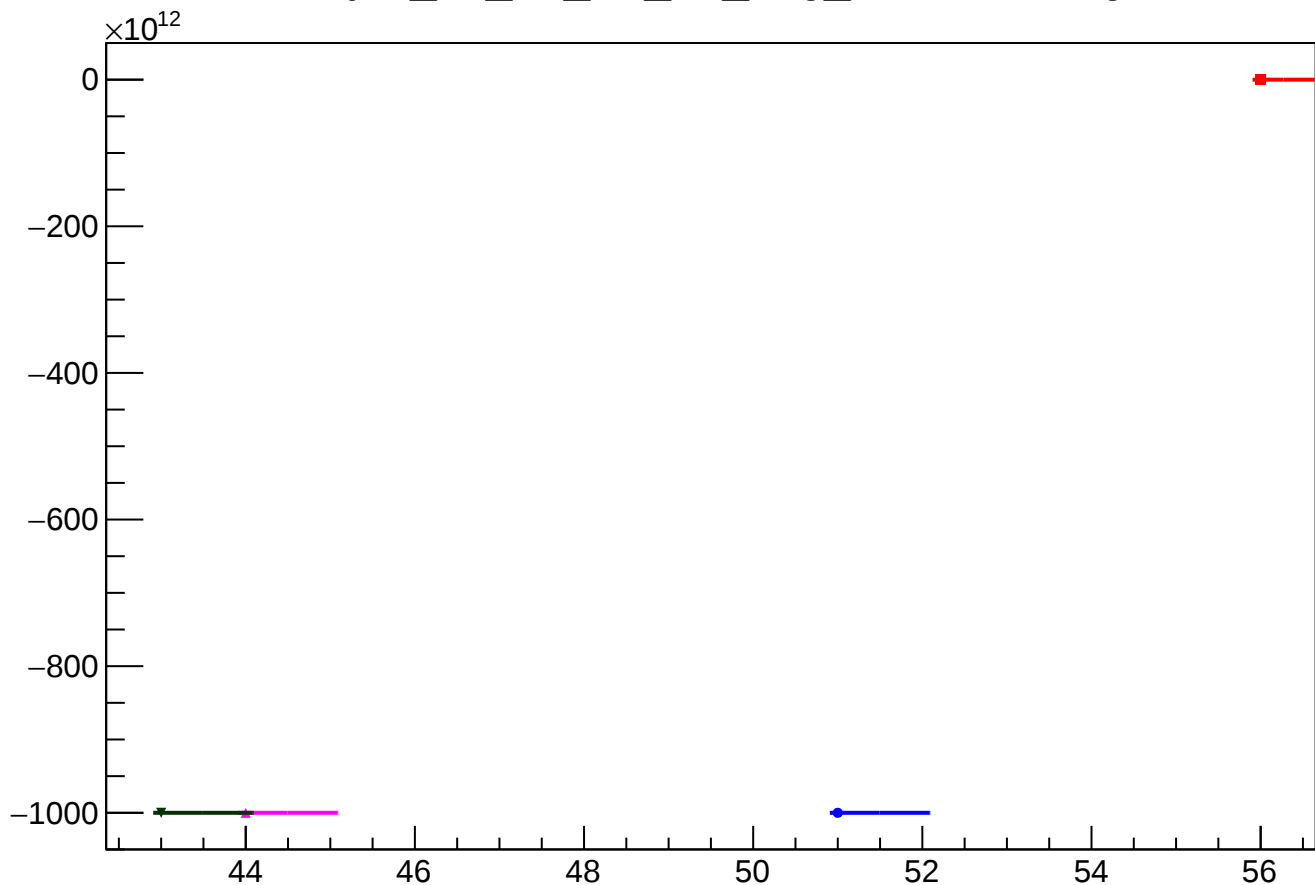
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: -9999999999999999.875+/-0.062 χ^2/NDF : 0.0/0

Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

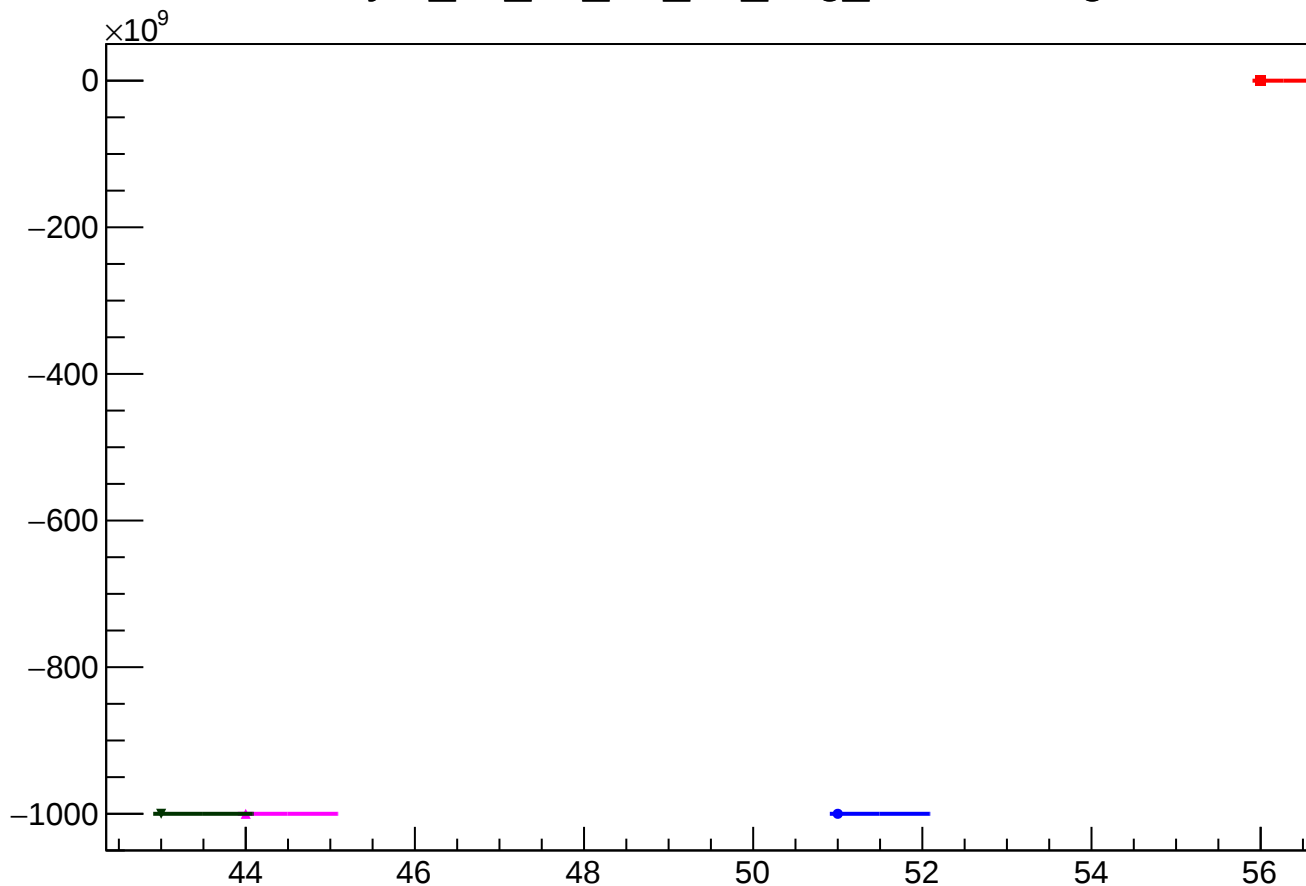
Right Out: -75.920+/-1450.832 χ^2/NDF : 0.0/0

Left In: -10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

-10000000000000000.125+/-0.018 χ^2/NDF : 16.0/0

-999999990684726.500+/-0.140 χ^2/NDF : 4750/0

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 0.0/0$

Left Out: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 47.0/0$

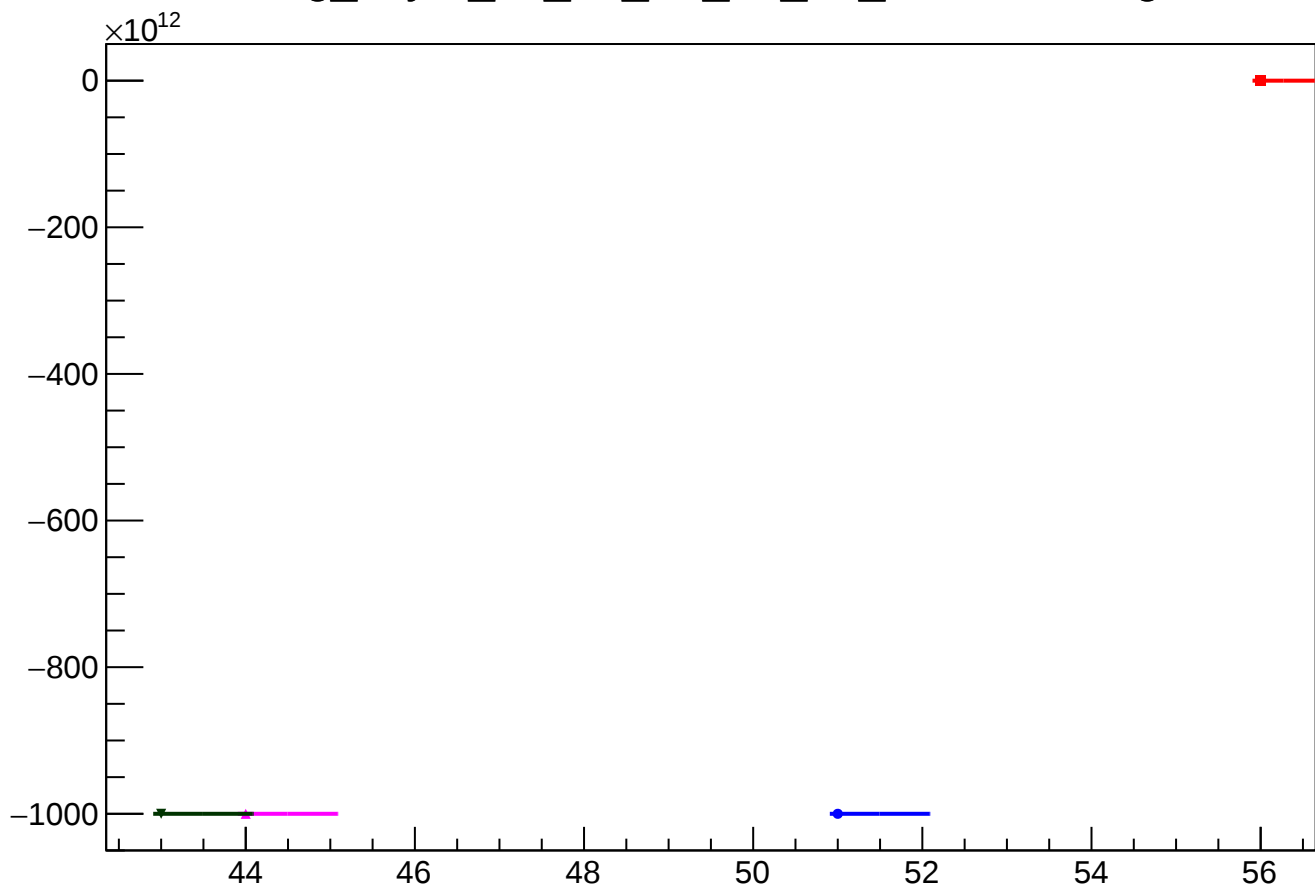
Right Out: 1001.709 ± 1.026 $\chi^2/\text{NDF}: 0.0/0$

Left In: $-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 0.0/0$

$-1000000000000.000 \pm 0.000$ $\chi^2/\text{NDF}: 51.0/1$

$-999999999716.831 \pm 0.000$ $\chi^2/\text{NDF}: 9501578$

reg_asym_atl_dd_atr_dd_dd_mean vs slug



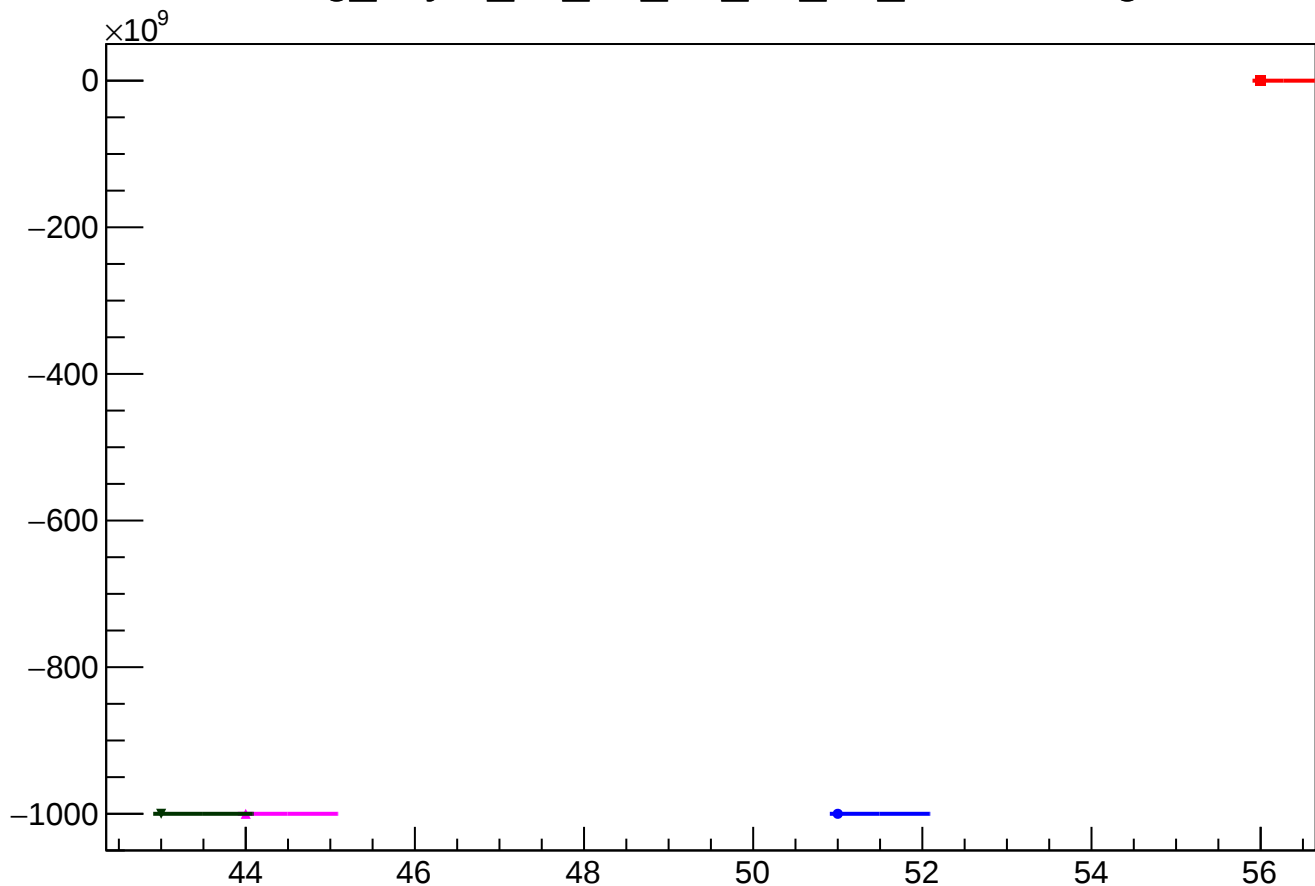
Right In: -9999999999999999.875+/-0.062 χ^2/NDF : 0.0/0

Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

Right Out: 1378.277+/-1463.134 χ^2/NDF : 0.0/0

Left In: -10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

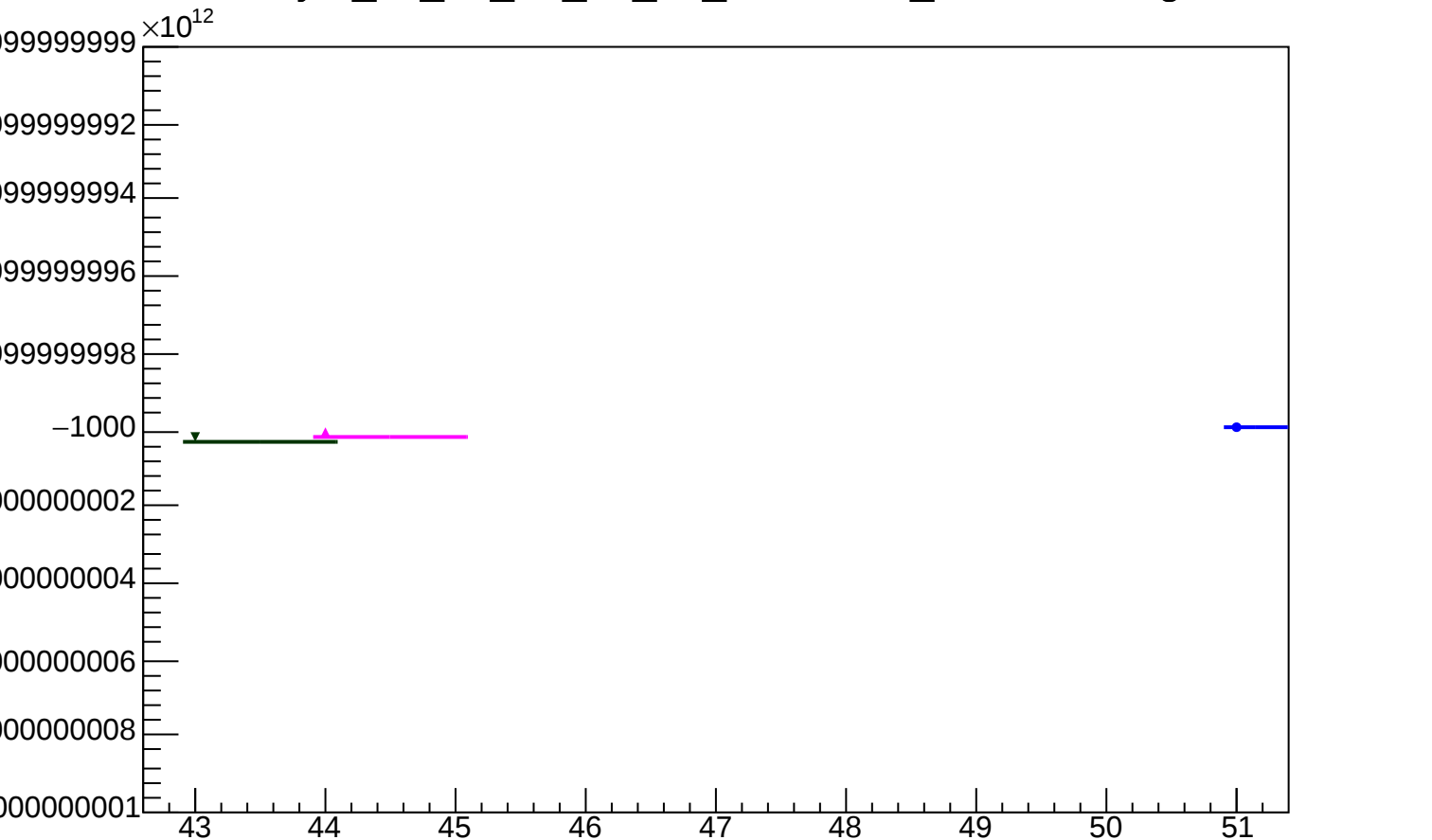
Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

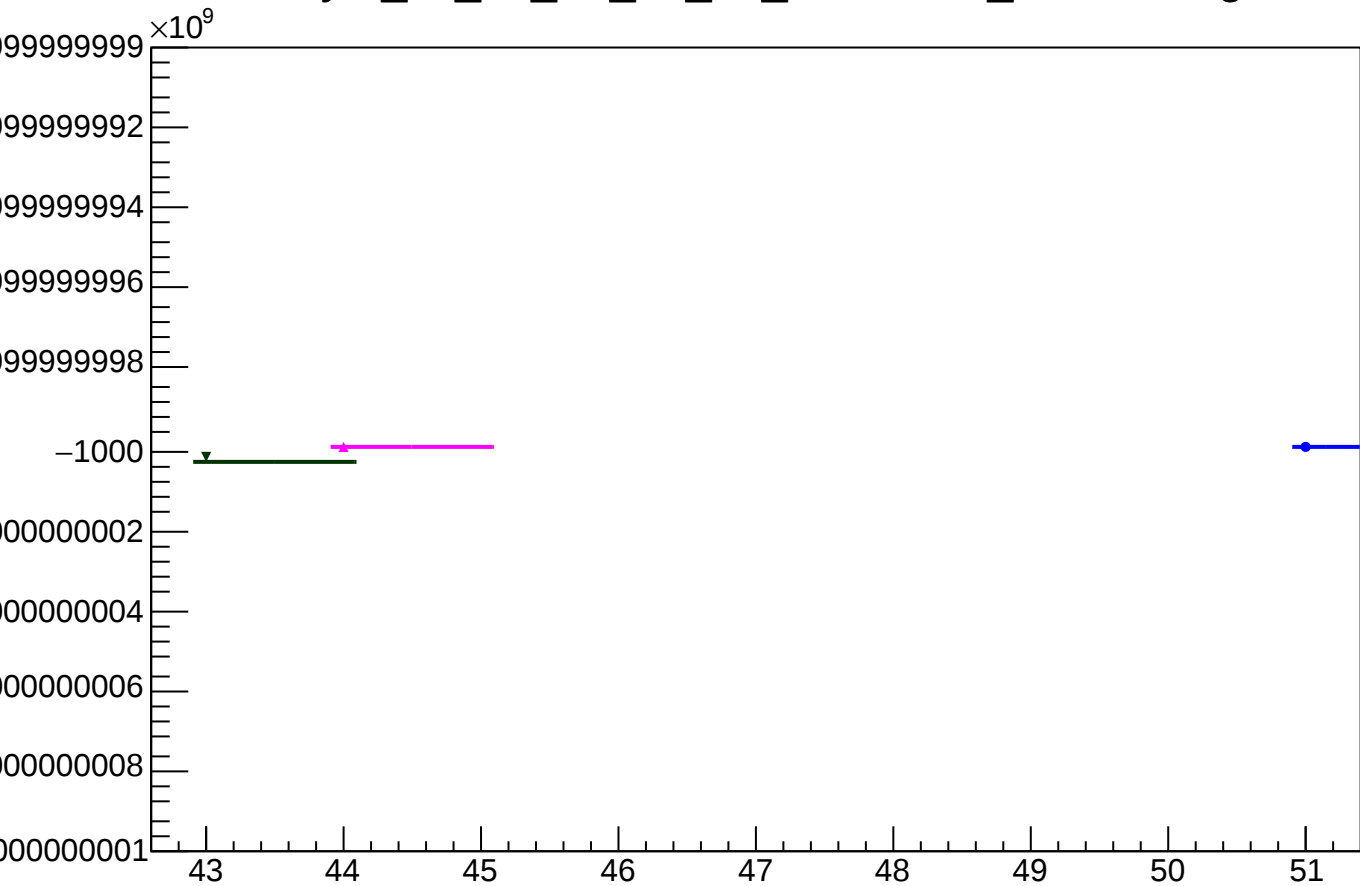
-999999999721.573+/-0.000 χ^2/NDF : 9342465

asym_atl_dd_atr_dd_dd_correction_mean vs slug



Right In: $-9999999999999999.875 \pm 0.062$ $\chi^2/\text{NDF}: 0.0/0$
 Left Out: $-10000000000000000.250 \pm 0.018$ $\chi^2/\text{NDF}: 47.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: $-10000000000000000.125 \pm 0.140$ $\chi^2/\text{NDF}: 0.8/0$

asym_atl_dd_atr_dd_dd_correction_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2 /NDF:47.0/0

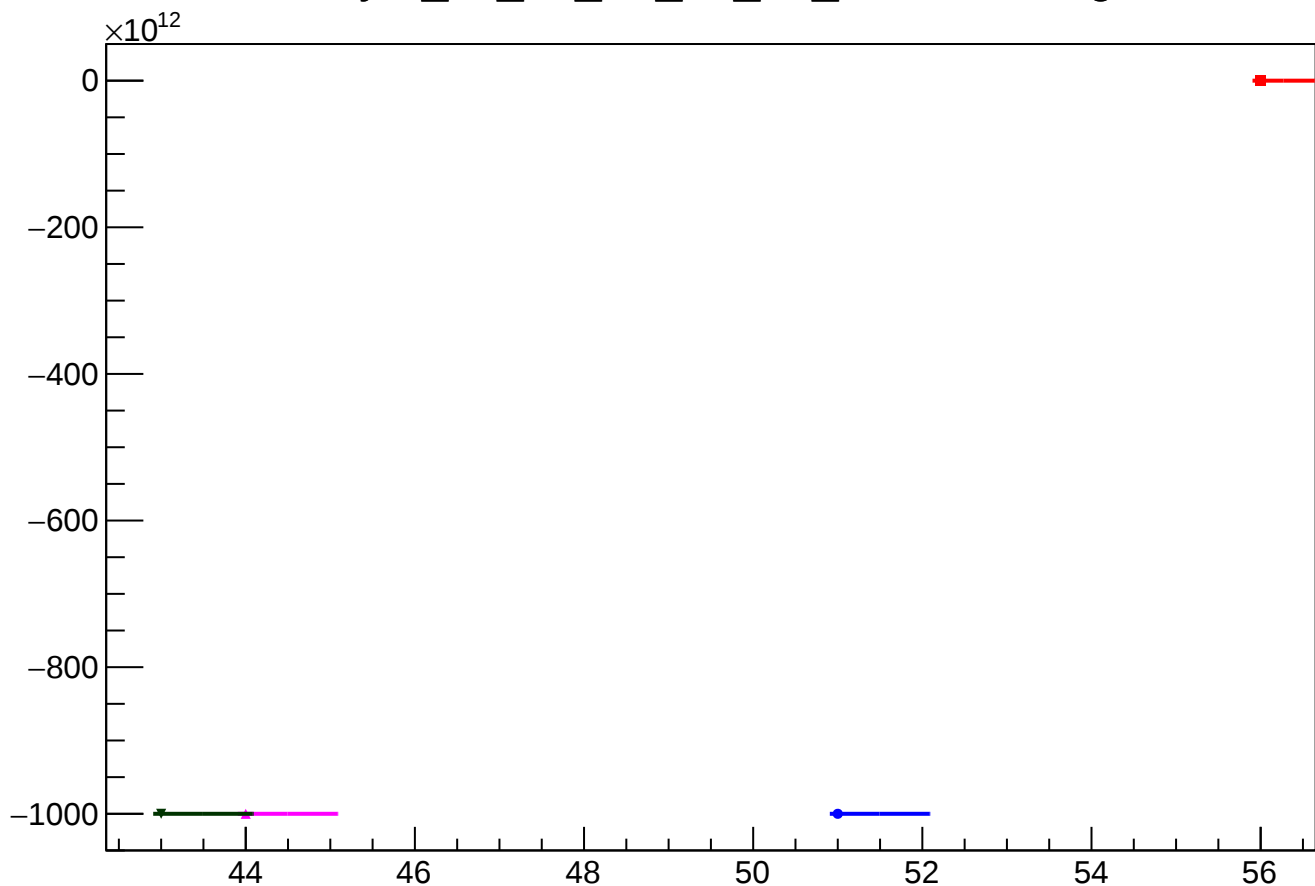
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2 /NDF:0.0/0

-1000000000000.000+/-0.000 χ^2 /NDF: 51.0/1

-1000000000000.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



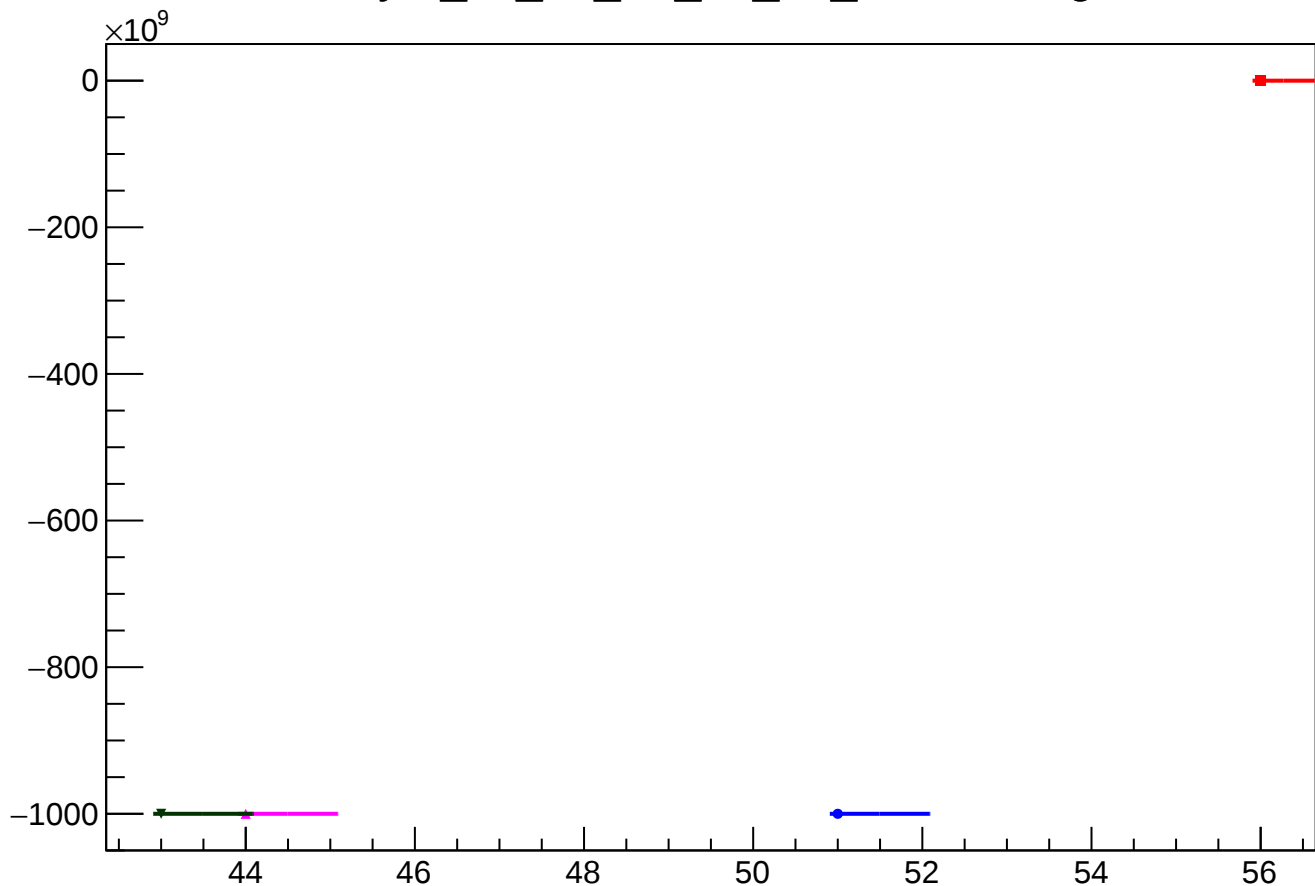
Right In: -9999999999999999.875 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: -10000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

Right Out: 1378.277 $\pm$ 1463.134 χ^2 /NDF: 0.0/0

Left In: -10000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

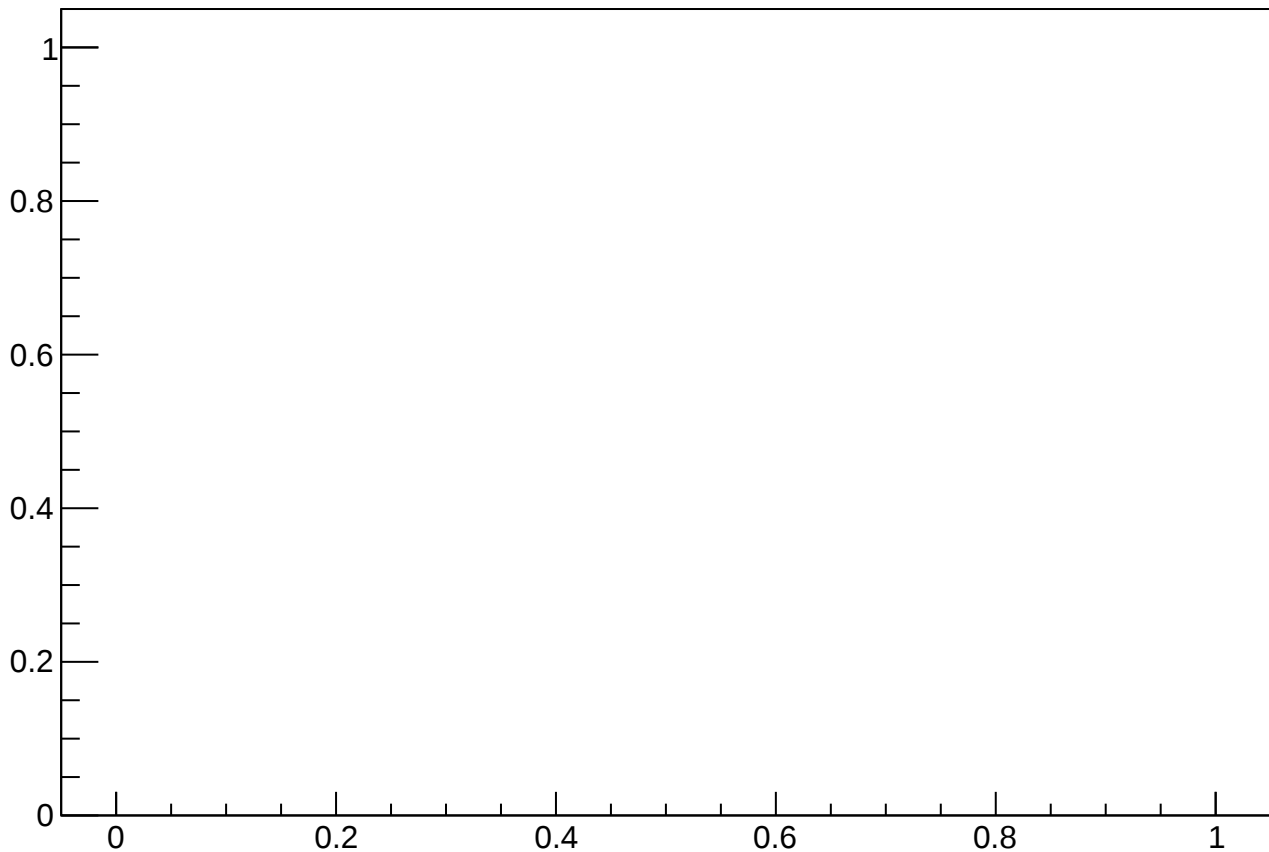
Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

-999999999721.573+/-0.000 χ^2/NDF : 9342465

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



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

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

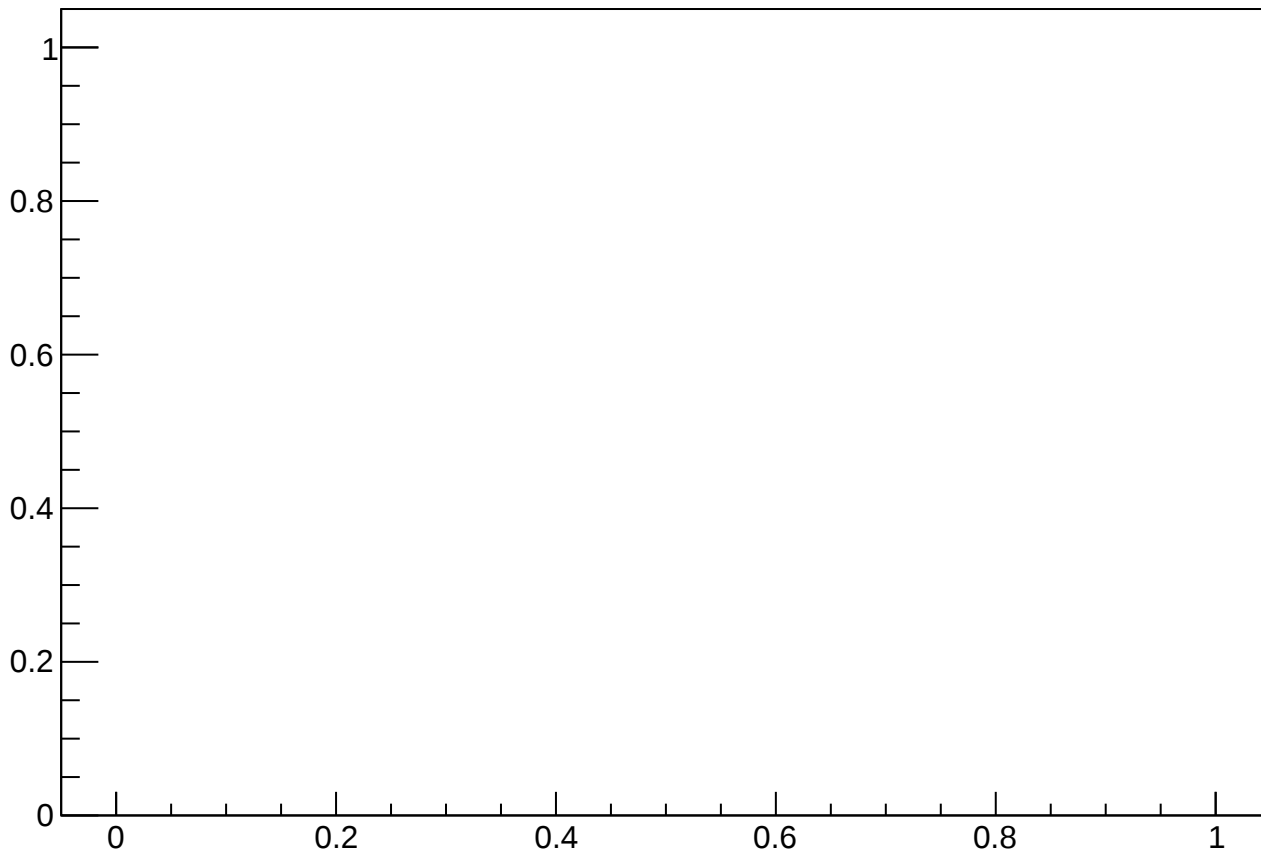
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



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

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

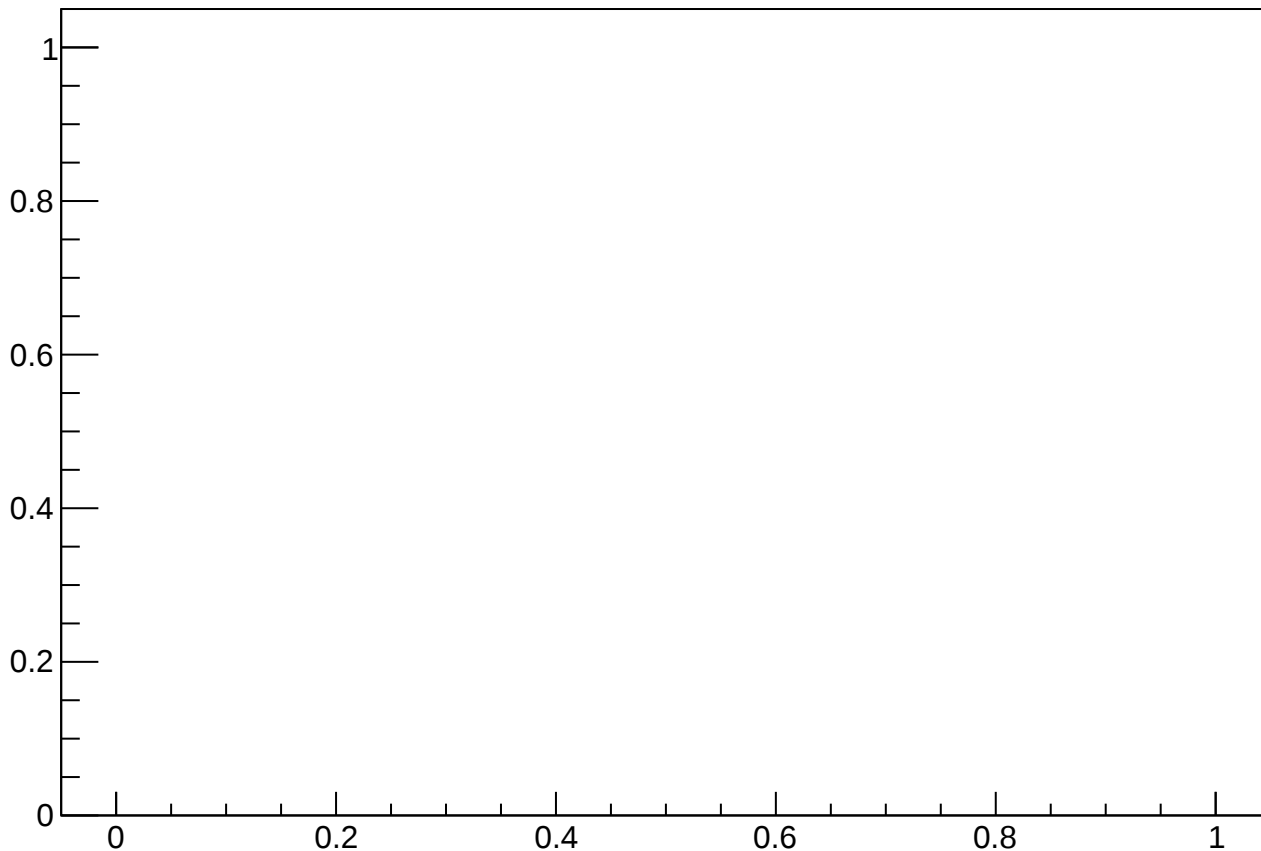
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



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

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

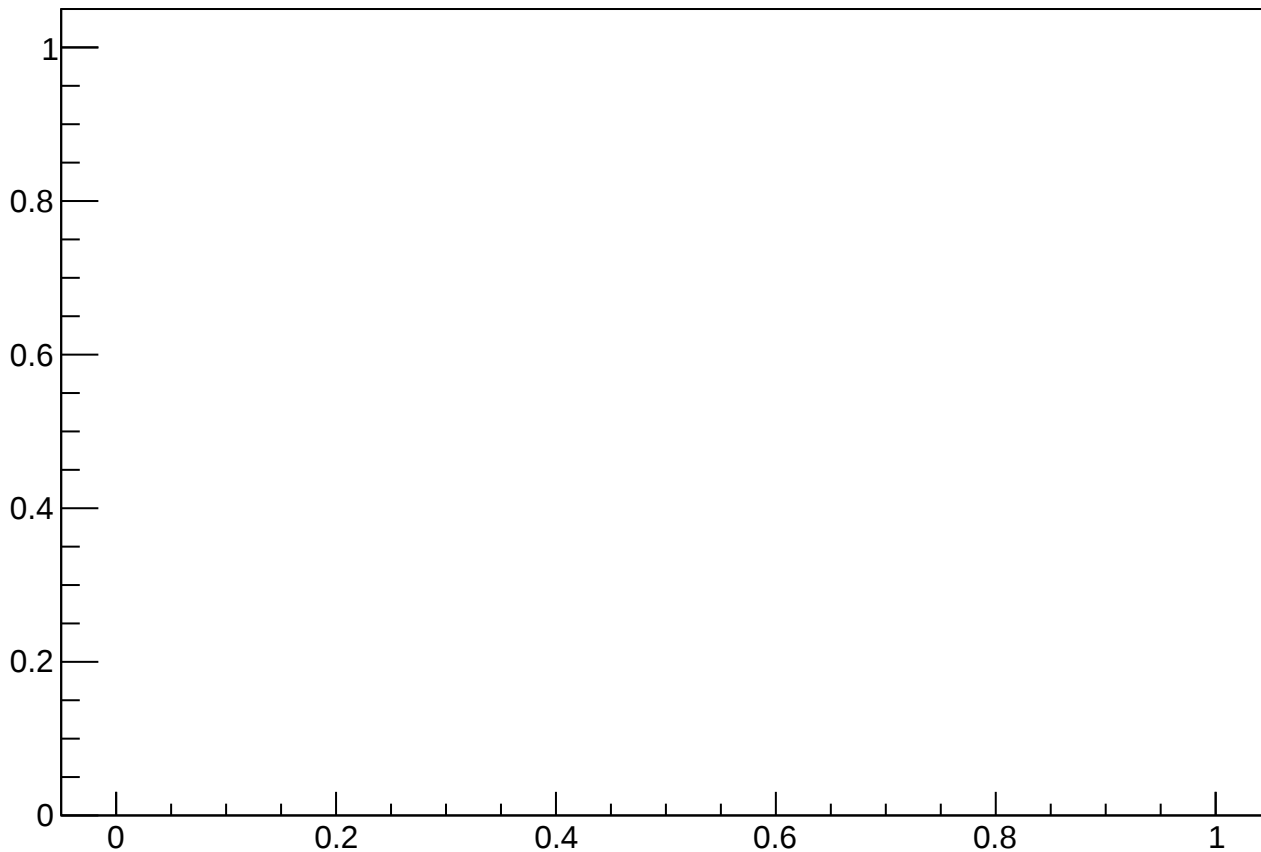
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



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

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

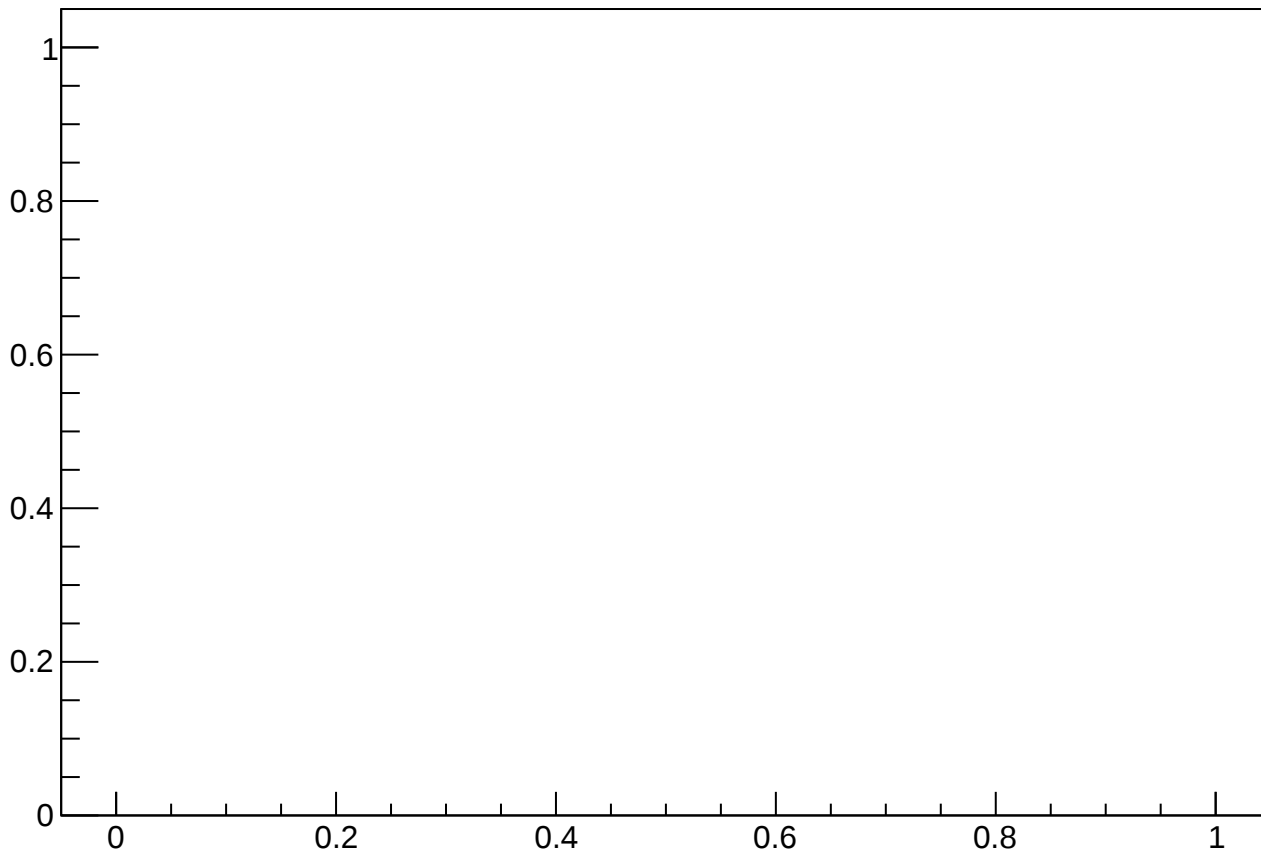
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



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

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

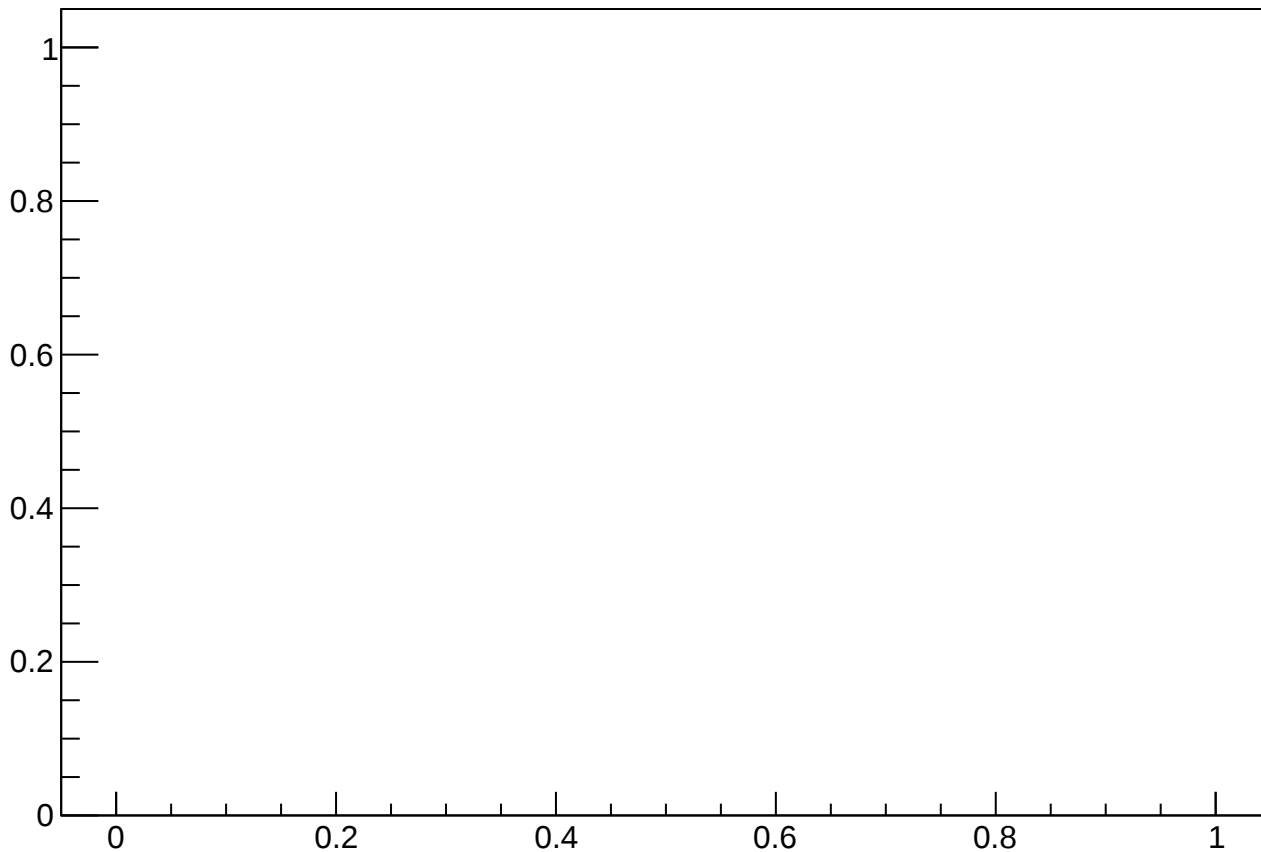
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



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

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

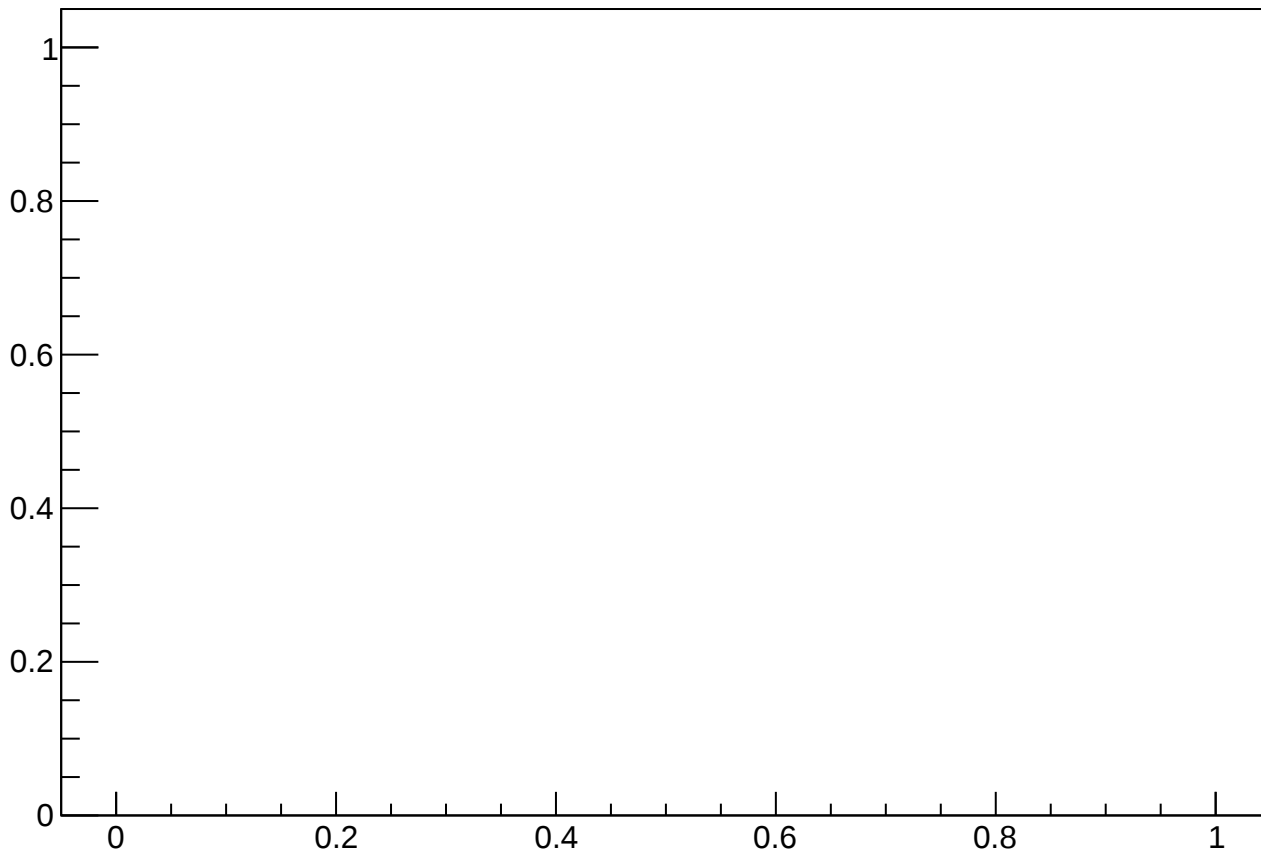
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



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

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

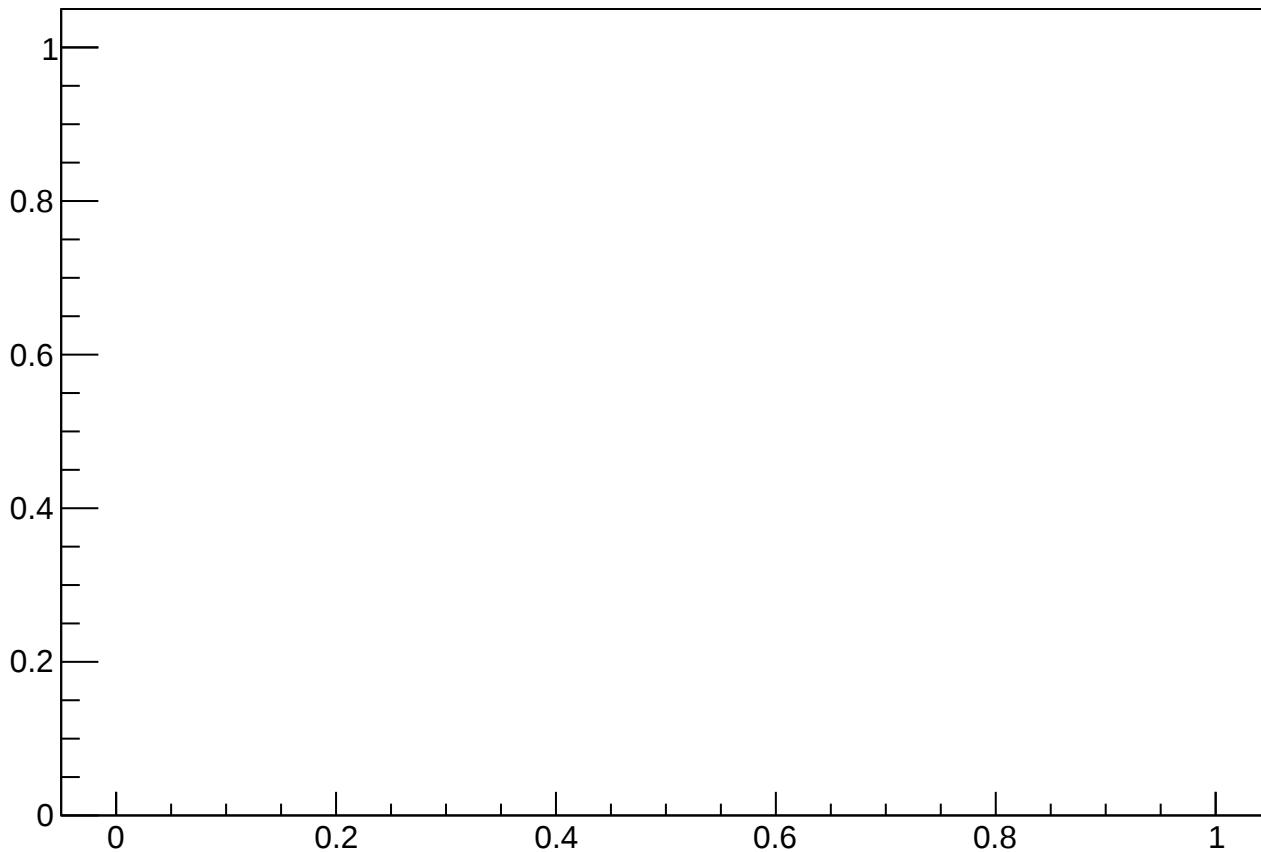
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



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

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

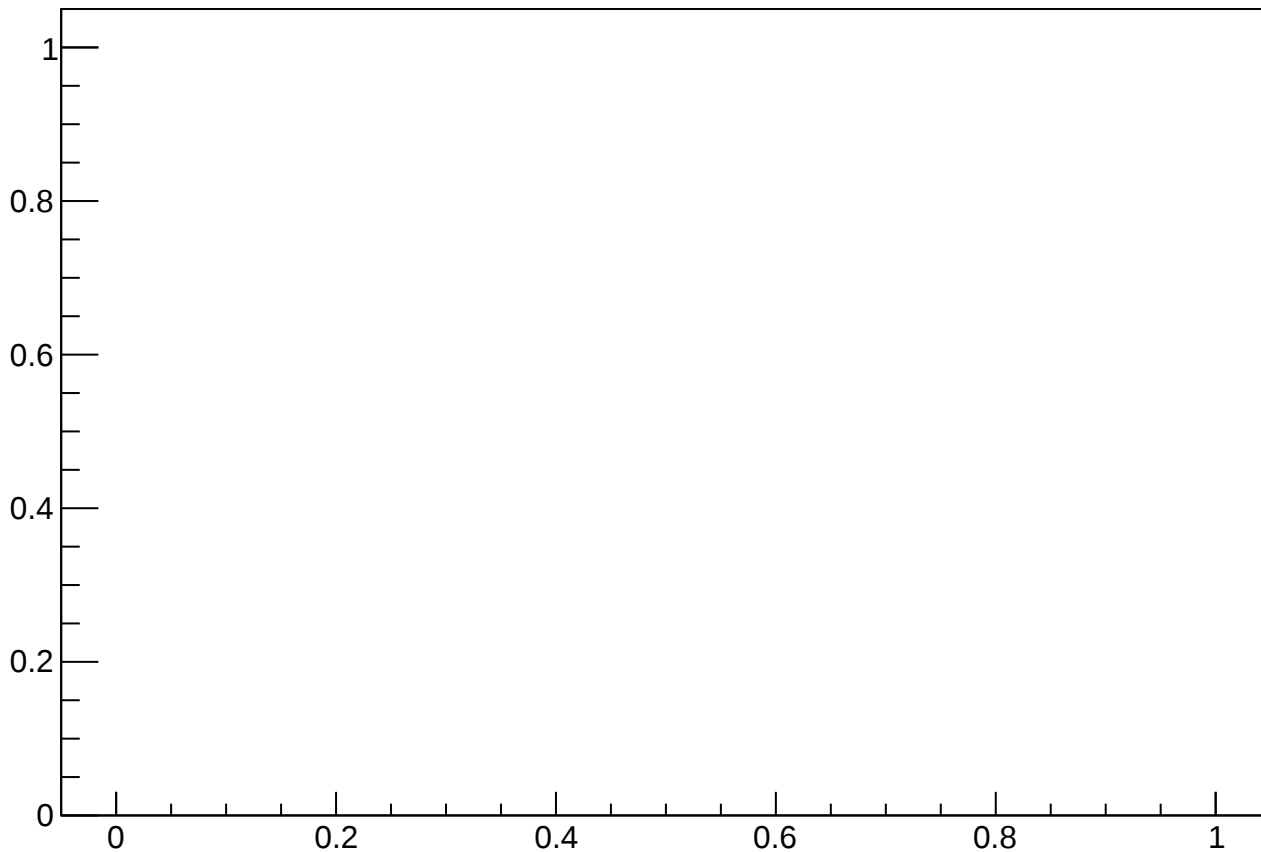
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



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

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

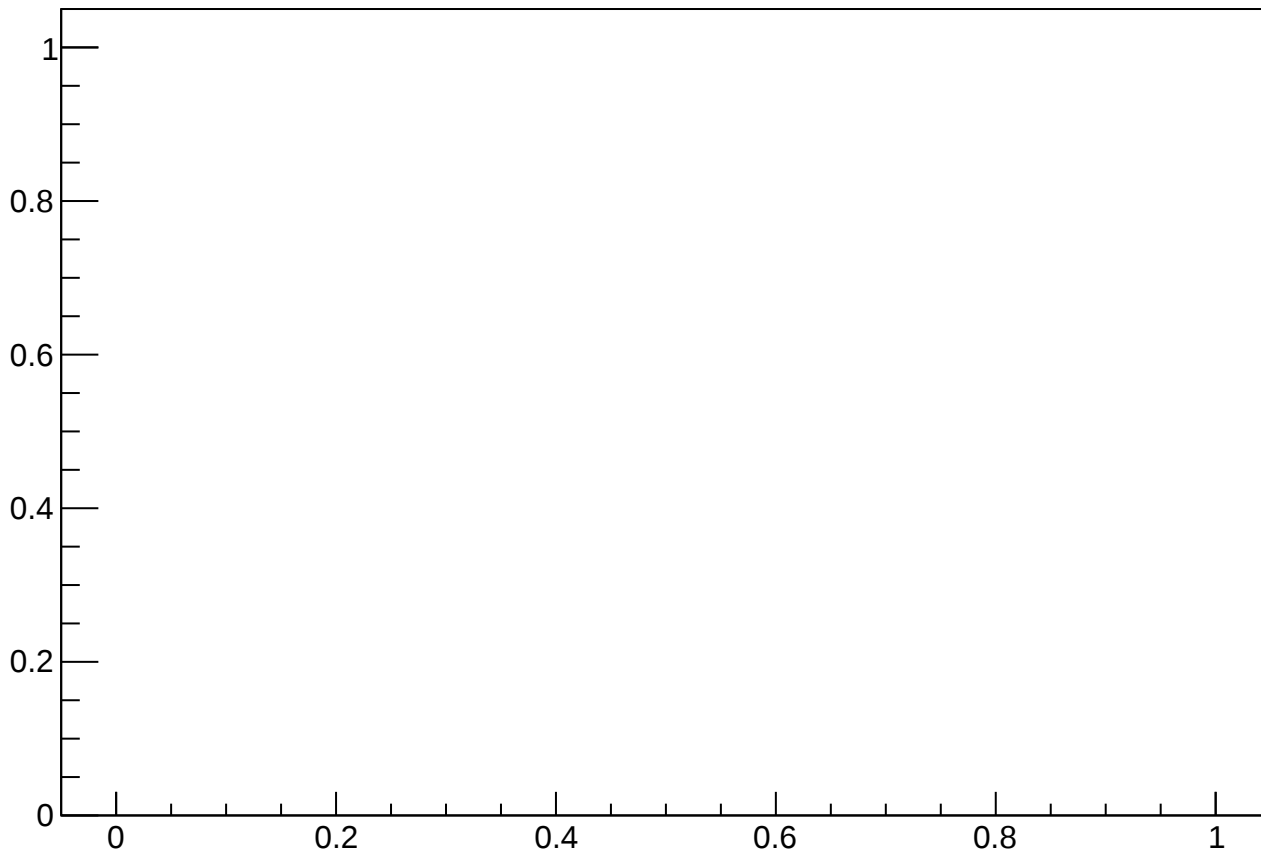
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0