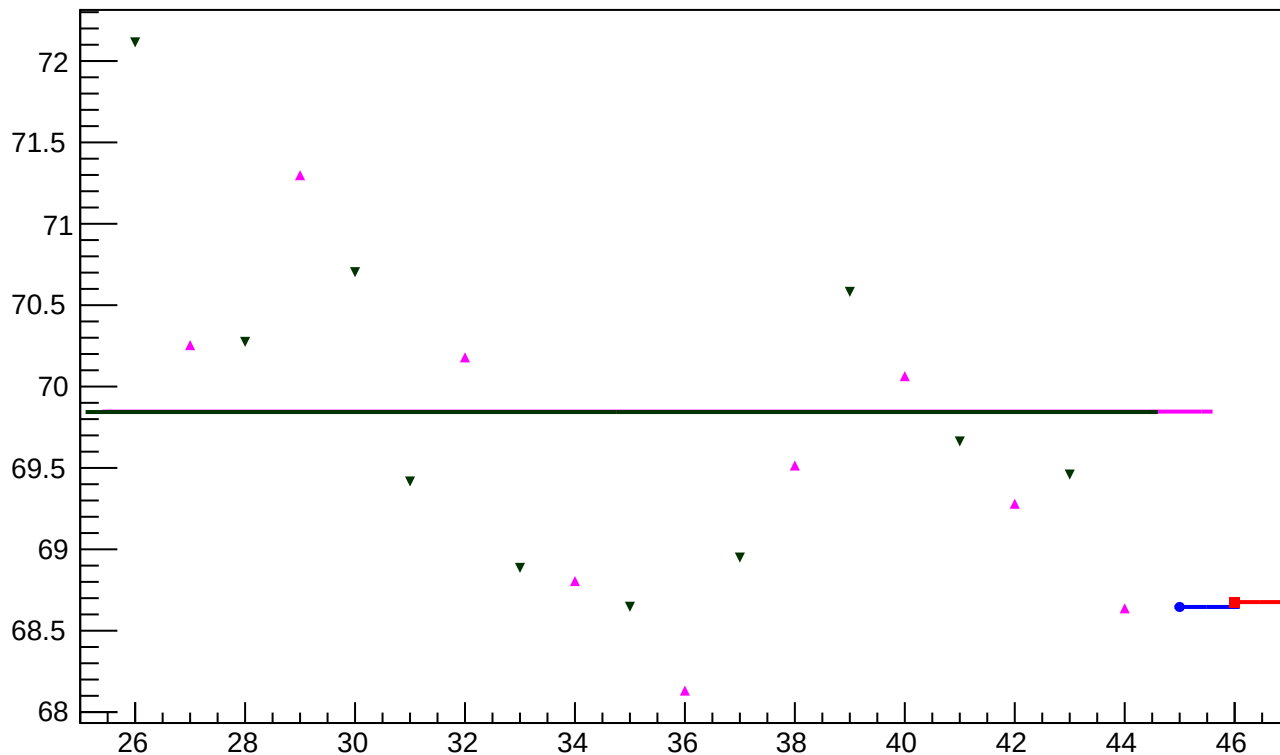


yield_usl_mean vs slug



Right In: 68.646+/-0.000

χ^2/NDF : 0.0/0

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 68.676+/-0.000

χ^2/NDF : 0.0/0

69.719+/-0.000

χ^2/NDF : 254532289.5/10

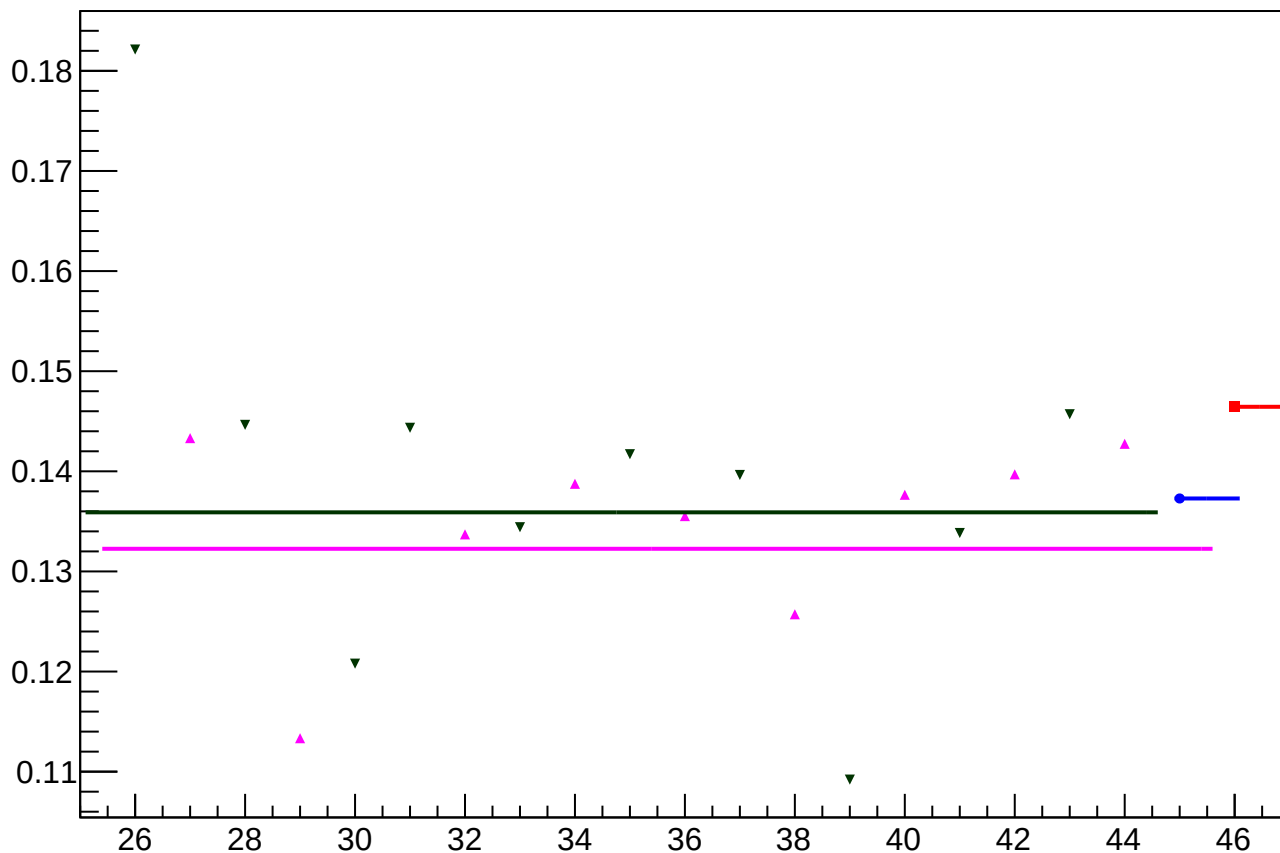
Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

69.784+/-0.000

χ^2/NDF : 313723283.2/9

yield_usl_rms vs slug



Right In: 0.137+/-0.000 χ^2/NDF : 0.0/0

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

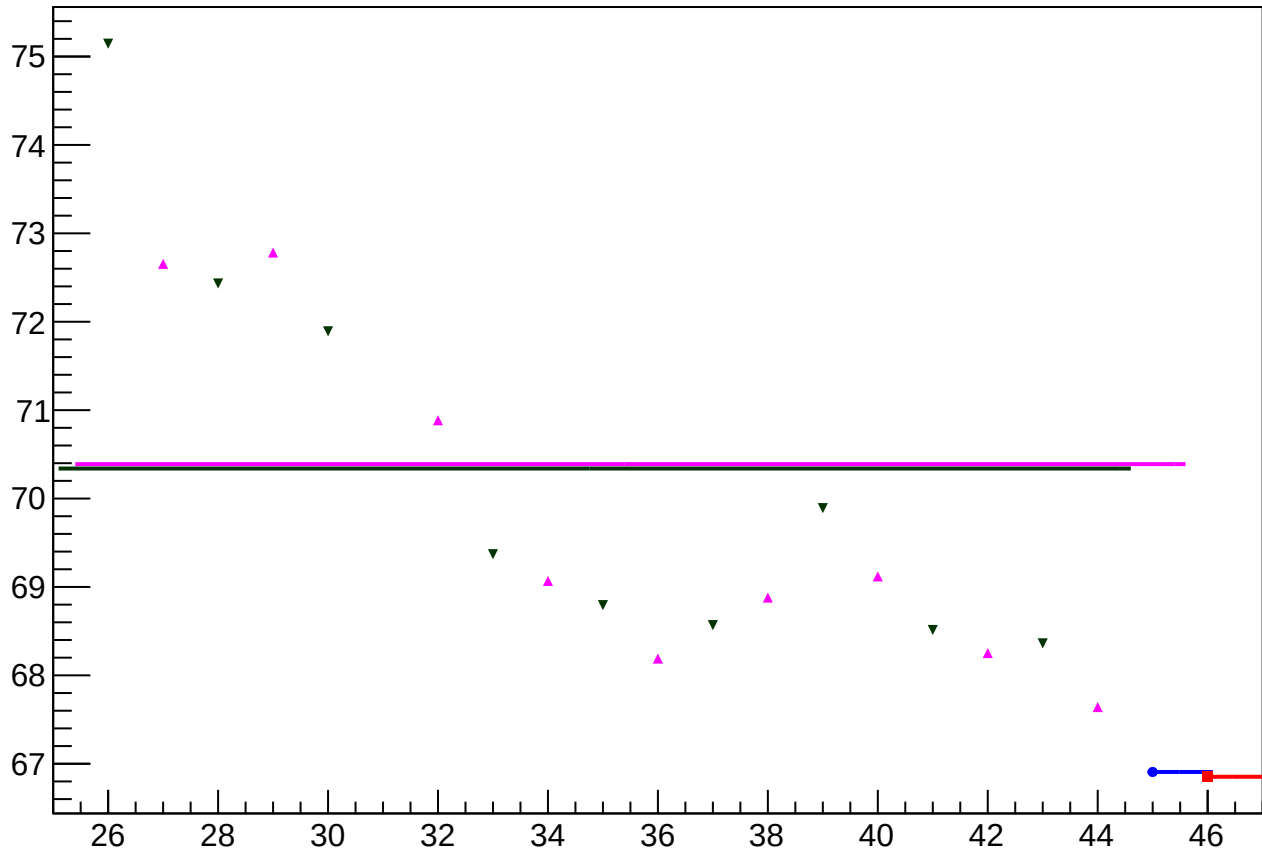
Right Out: 0.146+/-0.000 χ^2/NDF : 0.0/0

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

0.136+/-0.000 χ^2/NDF : 142146.7/10

0.133+/-0.000 χ^2/NDF : 74731.2/9

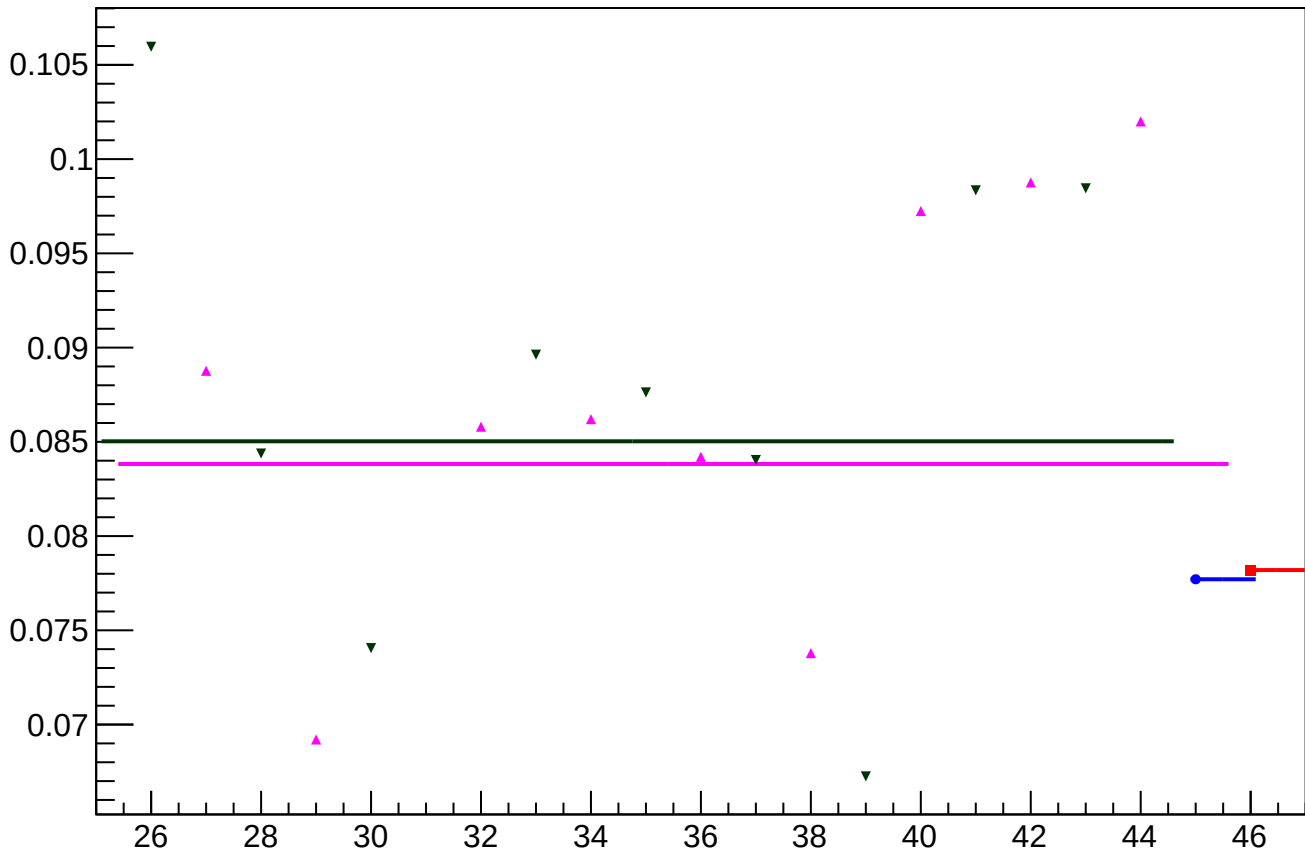
yield_usr_mean vs slug



Right In: 66.907 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 70.340 $\pm$ 0.000 χ^2 /NDF: 2358099133.7/8
Right Out: 66.853 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 70.389 $\pm$ 0.000 χ^2 /NDF: 2703371735.7/8

69.913 $\pm$ 0.000 χ^2 /NDF: 3238945248.6/9
70.137 $\pm$ 0.000 χ^2 /NDF: 3351334207.1/9

yield_usr_rms vs slug



Right In: 0.078+/-0.000 χ^2/NDF : 0.0/0

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

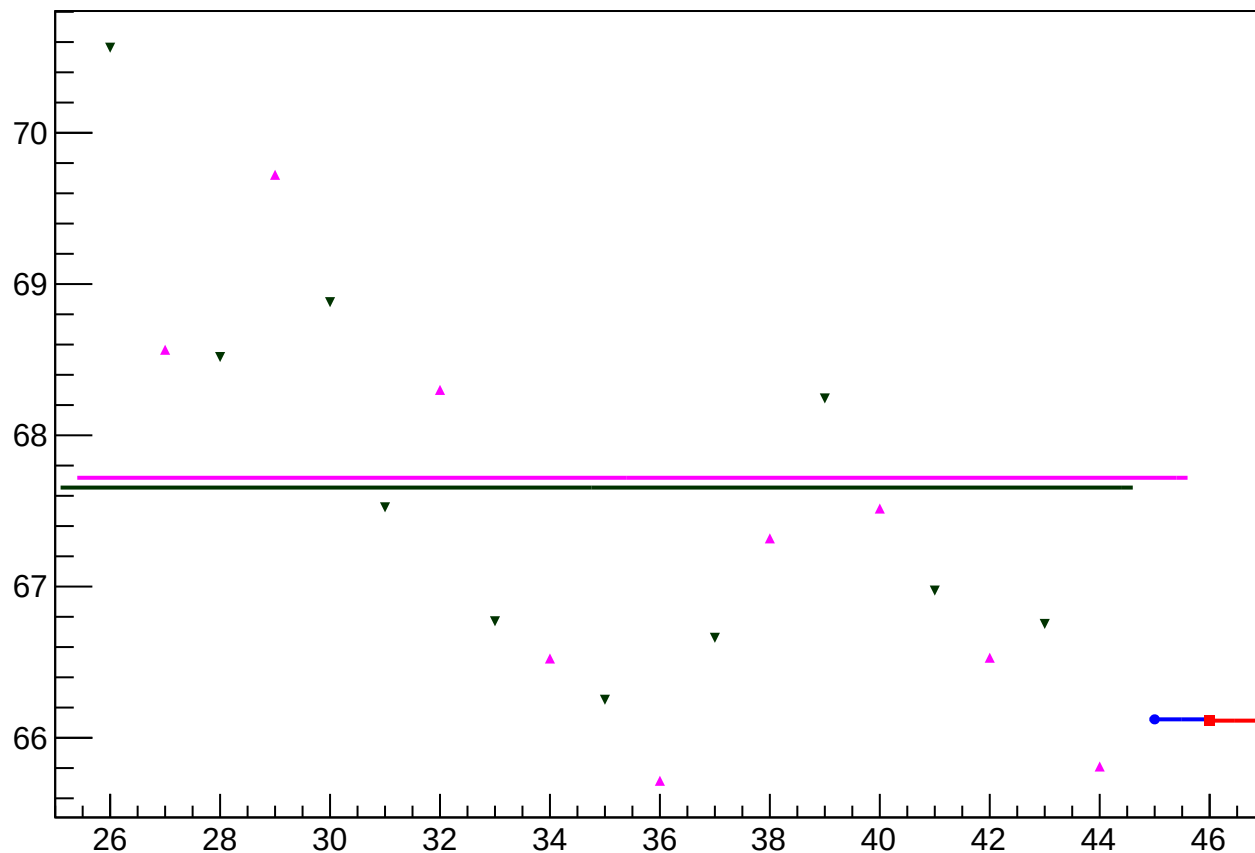
0.084+/-0.000 χ^2/NDF : 162535.3/9

Right Out: 0.078+/-0.000 χ^2/NDF : 0.0/0

0.083+/-0.000 χ^2/NDF : 165461.1/9

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

yield_dsl_mean vs slug



Right In: 66.122+/-0.000 χ^2/NDF : 0.0/0

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

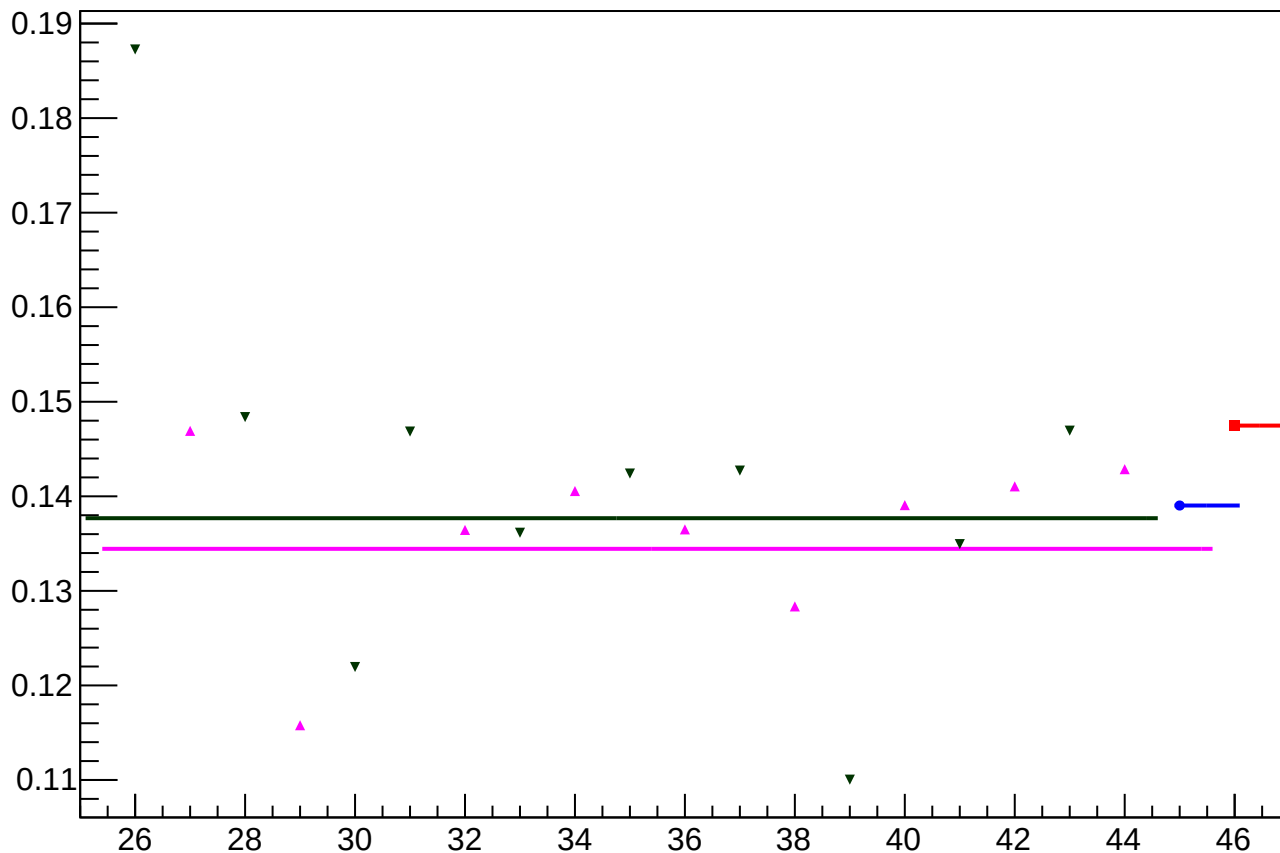
Right Out: 66.114+/-0.000 χ^2/NDF : 0.0/0

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

67.494+/-0.000 χ^2/NDF : 391970633.5/10

67.632+/-0.000 χ^2/NDF : 585567814.4/9

yield_dsl_rms vs slug



Right In: 0.139+/-0.000 χ^2/NDF : 0.0/0

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

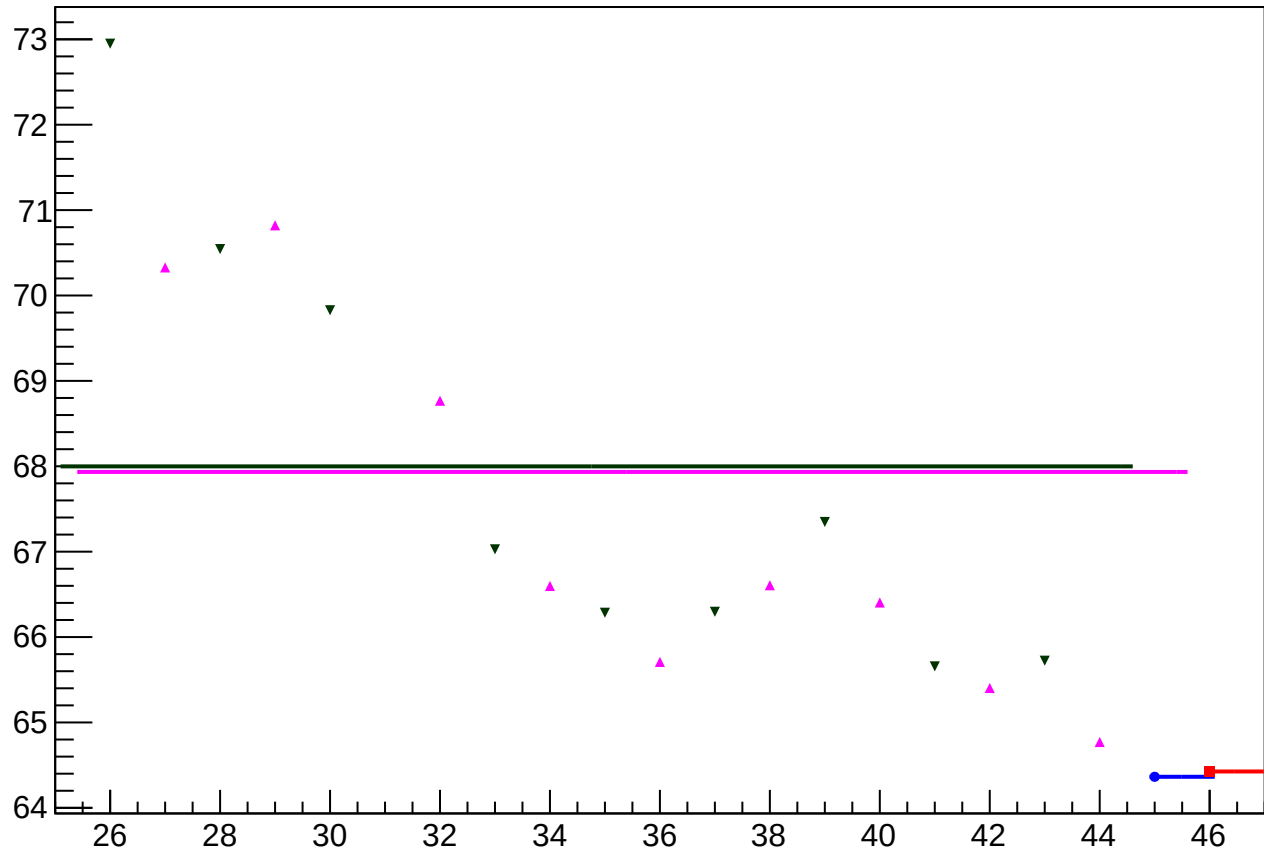
Right Out: 0.147+/-0.000 χ^2/NDF : 0.0/0

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

0.138+/-0.000 χ^2/NDF : 153590.9/10

0.135+/-0.000 χ^2/NDF : 68959.8/9

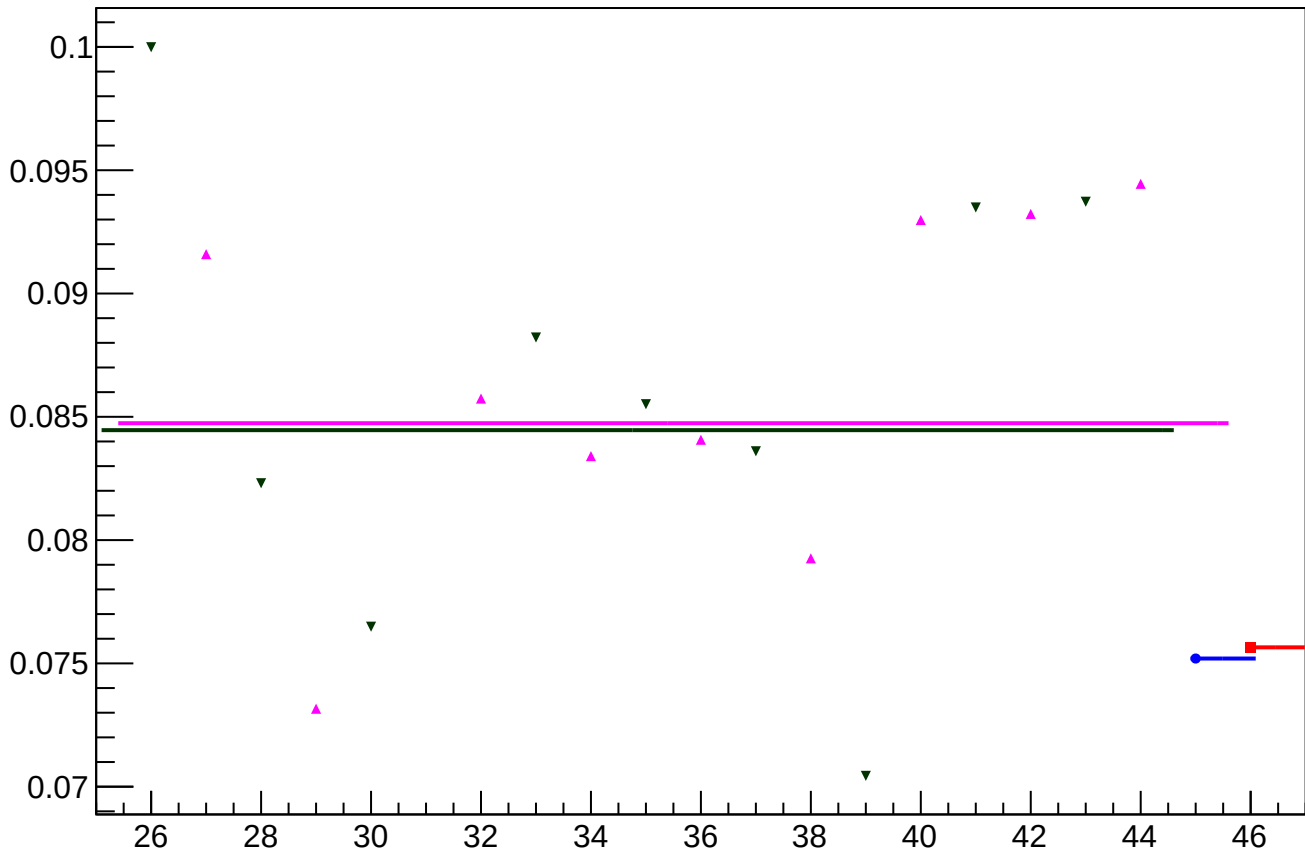
yield_dsr_mean vs slug



Right In: 64.364 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 67.999 $\pm$ 0.000 χ^2 /NDF: 3088835100.9/8
Right Out: 64.426 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 67.934 $\pm$ 0.000 χ^2 /NDF: 3365476193.8/8

67.529 $\pm$ 0.000 χ^2 /NDF: 4134406592.7/9
67.662 $\pm$ 0.000 χ^2 /NDF: 4046707626.3/9

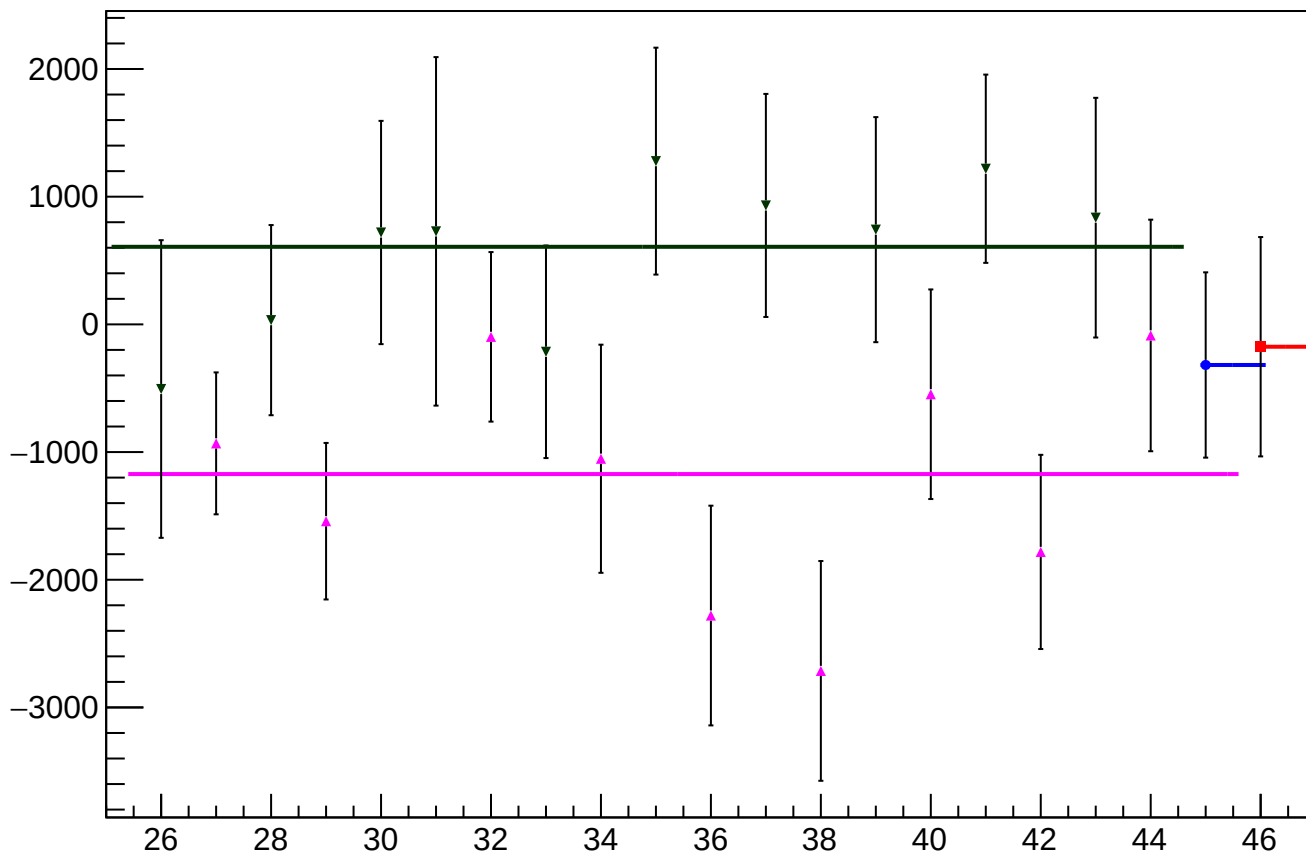
yield_dsr_rms vs slug



Right In: 0.075+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.084+/-0.000 χ^2/NDF : 86764.0/8
 Right Out: 0.076+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.085+/-0.000 χ^2/NDF : 76721.4/8

0.083+/-0.000 χ^2/NDF : 100337.7/9
 0.084+/-0.000 χ^2/NDF : 85869.5/9

asym_usl_mean vs slug



Right In: -318.039+/-725.589 χ^2/NDF : 0.0/0

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

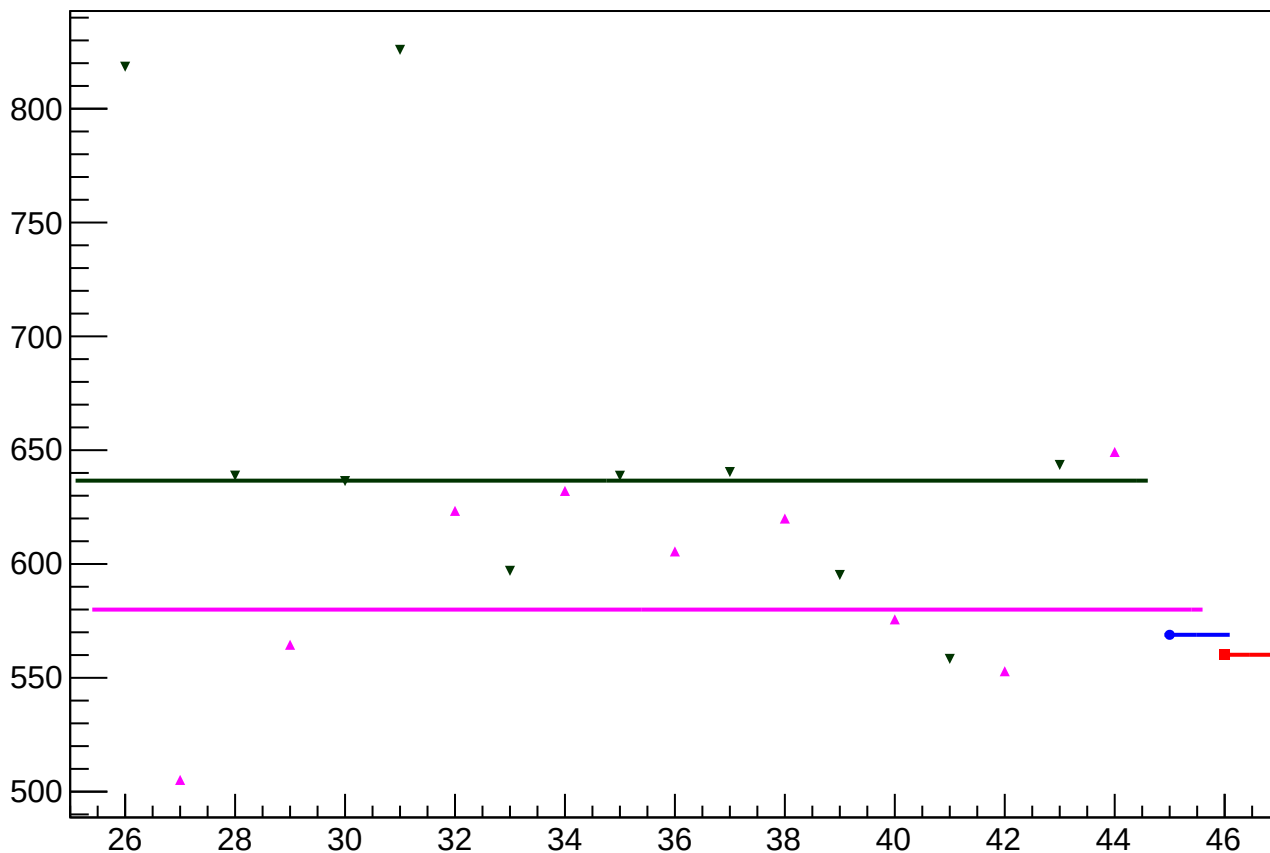
Right Out: -175.123+/-858.856 χ^2/NDF : 0.0/0

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

486.853+/-262.003 χ^2/NDF : 5.4/10

-1096.828+/-236.302 χ^2/NDF : 12.0/9

asym_usl_rms vs slug



Right In: 568.900 $\pm$ 0.513 χ^2 /NDF: 0.0/0

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

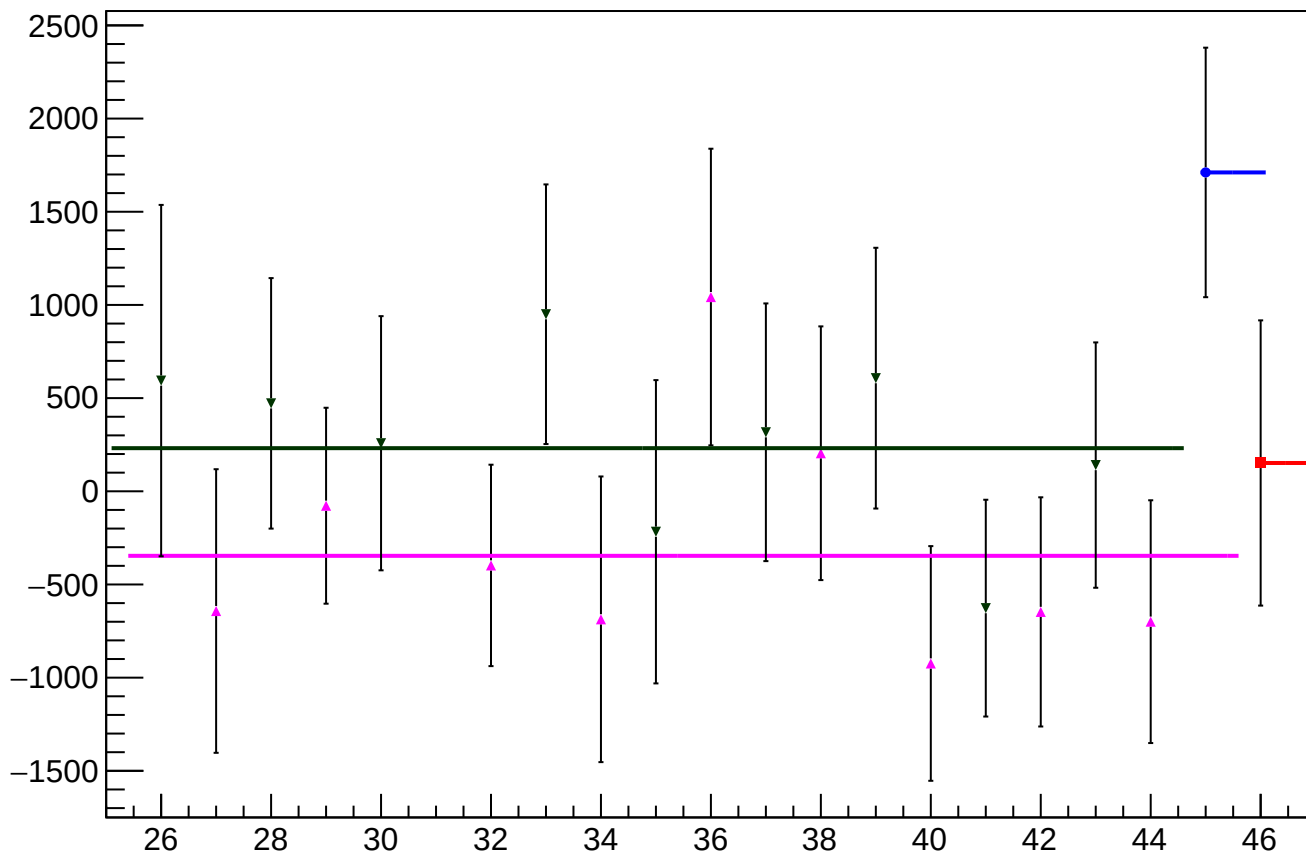
Right Out: 560.131 $\pm$ 0.607 χ^2 /NDF: 0.0/0

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

627.789 $\pm$ 0.185 χ^2 /NDF: 133971.6/10

578.469 $\pm$ 0.167 χ^2 /NDF: 74193.0/9

asym_usr_mean vs slug



Right In: 1710.979+/-669.452 χ^2/NDF : 0.0/0

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

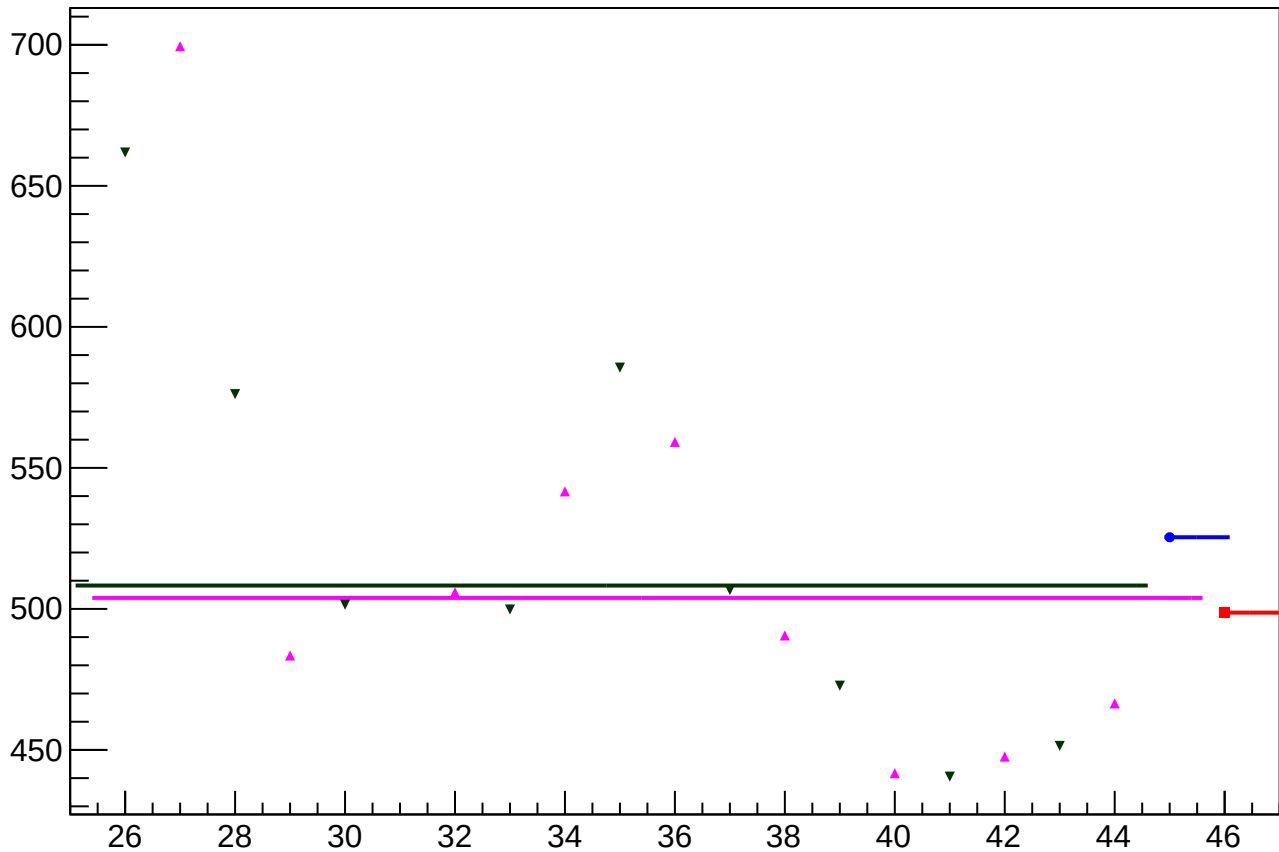
Right Out: 151.896+/-765.269 χ^2/NDF : 0.0/0

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

390.972+/-219.845 χ^2/NDF : 8.5/9

-309.965+/-206.538 χ^2/NDF : 6.1/9

asym_usr_rms vs slug



Right In: 525.413 $\pm$ 0.473 χ^2/NDF : 0.0/0

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

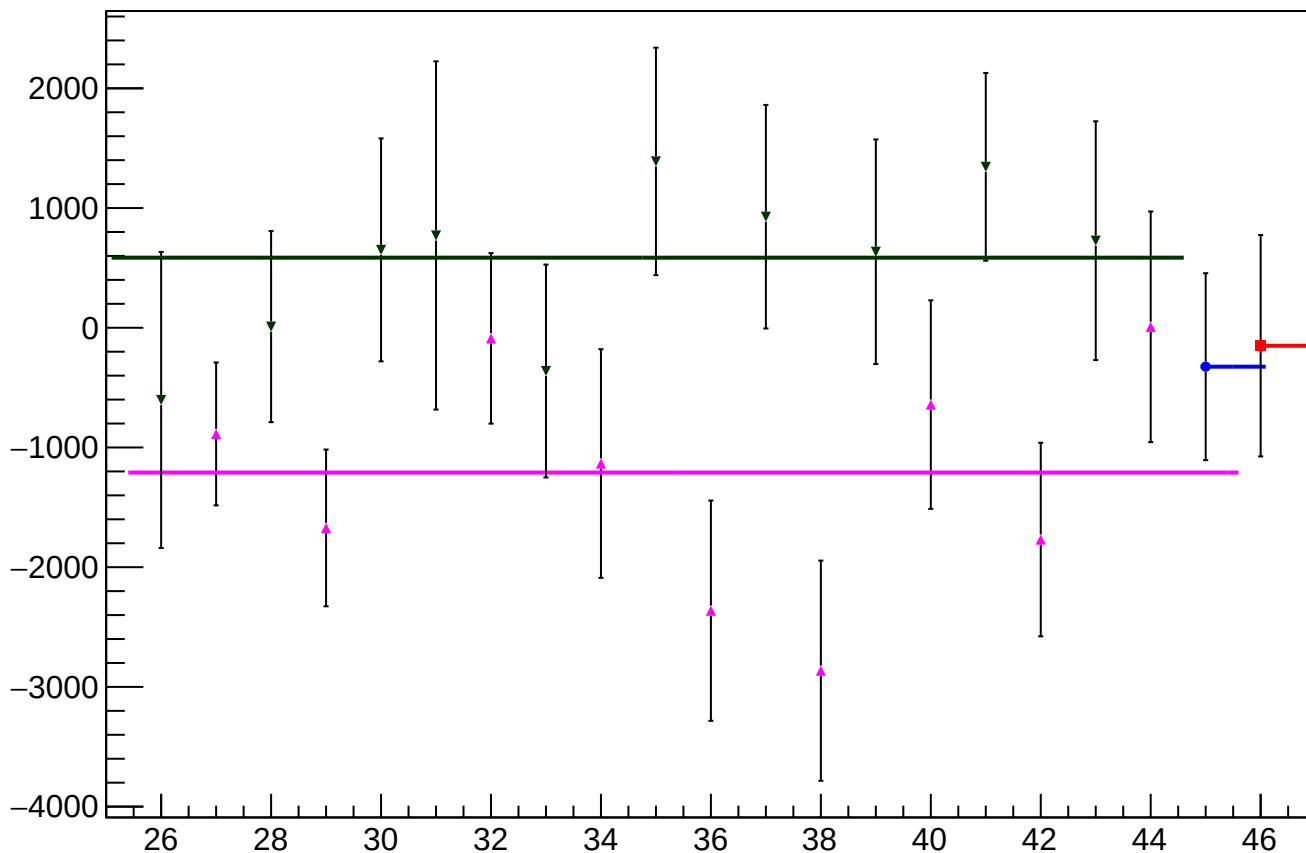
Right Out: 498.668 $\pm$ 0.541 χ^2/NDF : 0.0/0

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

510.138 $\pm$ 0.155 χ^2/NDF : 140362.7/9

503.521 $\pm$ 0.146 χ^2/NDF : 193438.1/9

asym_dsl_mean vs slug



Right In: -325.006+/-780.887 χ^2/NDF : 0.0/0

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

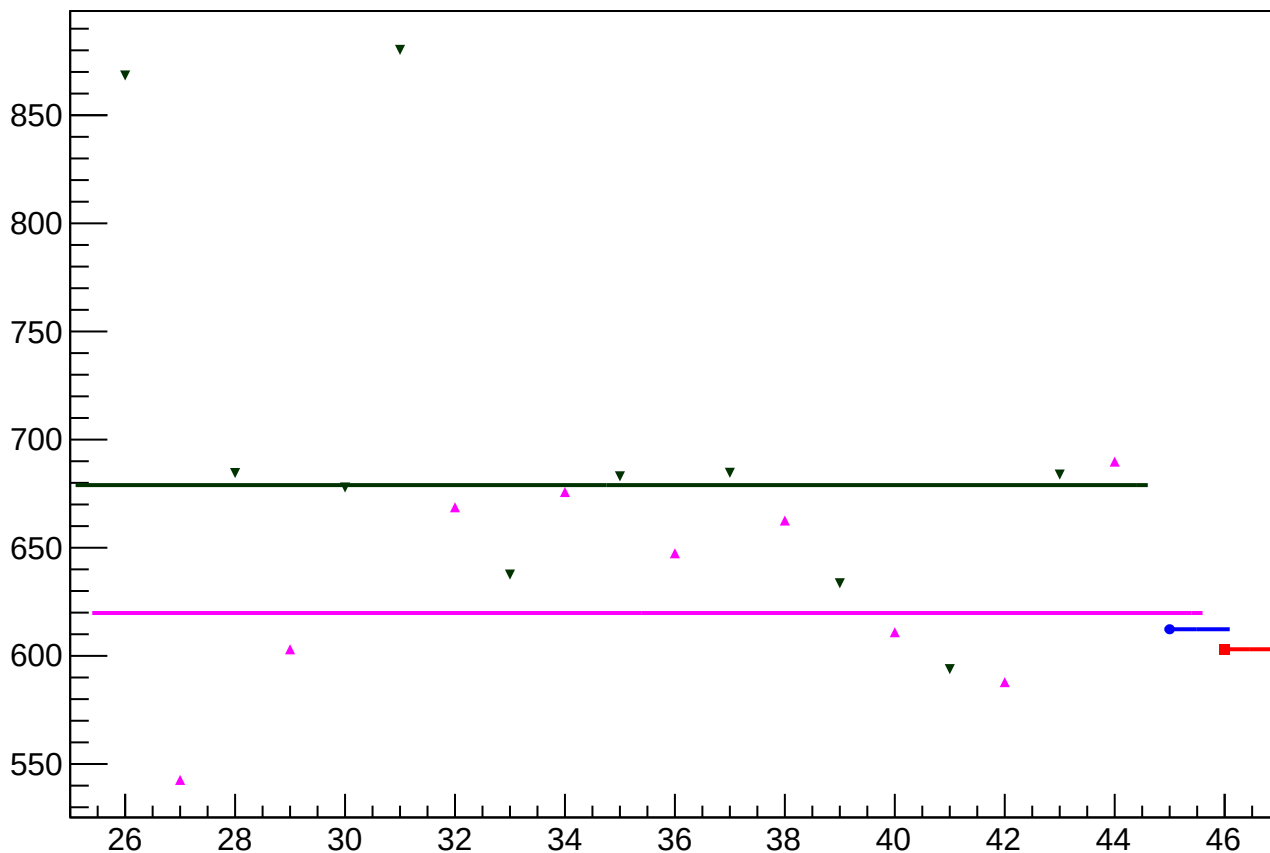
Right Out: -150.301+/-924.657 χ^2/NDF : 0.0/0

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

468.551+/-279.755 χ^2/NDF : 5.6/10

-1130.187+/-252.646 χ^2/NDF : 11.8/9

asym_dsl_rms vs slug



Right In: 612.308+/-0.552 χ^2/NDF : 0.0/0

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

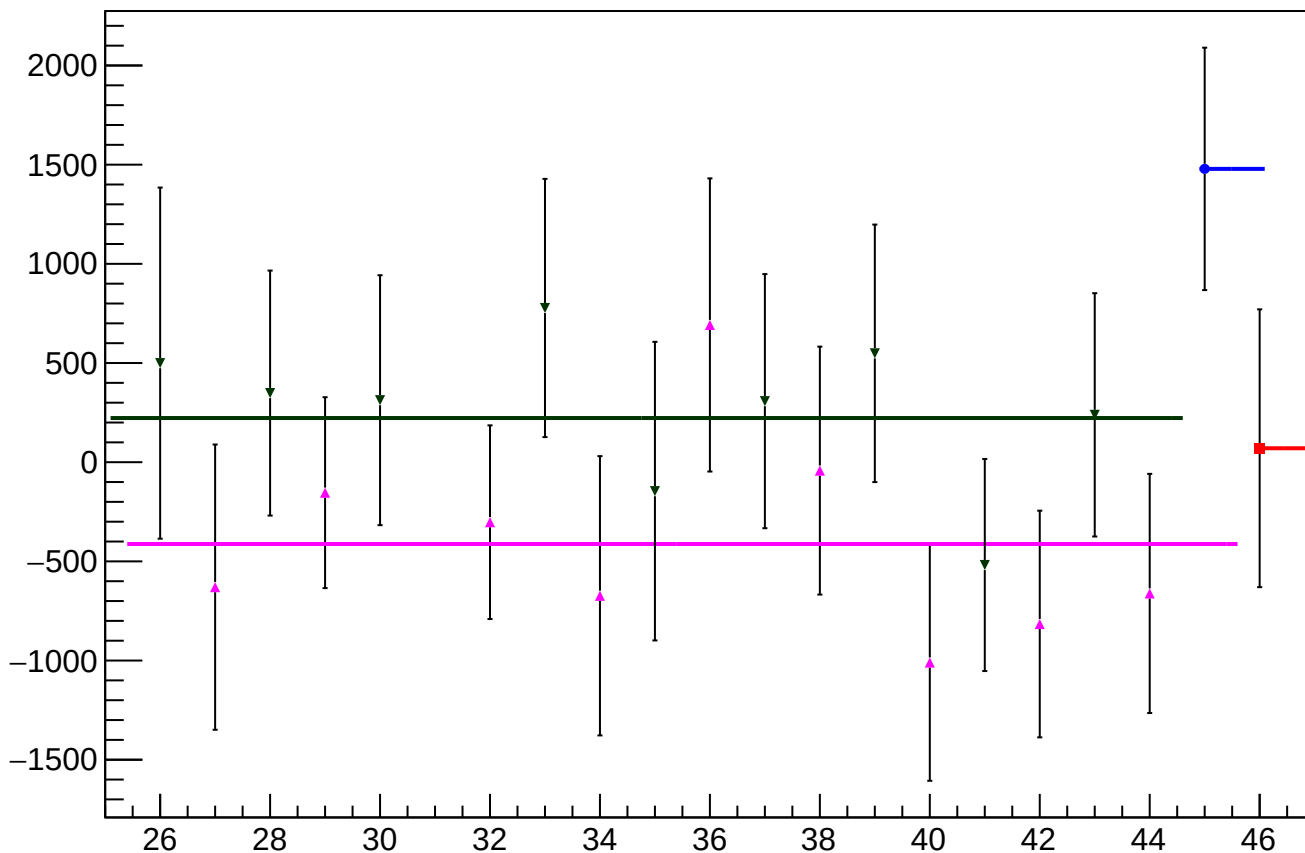
Right Out: 603.060+/-0.654 χ^2/NDF : 0.0/0

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

670.407+/-0.198 χ^2/NDF : 130728.8/10

618.569+/-0.179 χ^2/NDF : 71669.2/9

asym_dsr_mean vs slug



Right In: 1478.773 $\pm$ 611.062 χ^2/NDF : 0.0/0

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

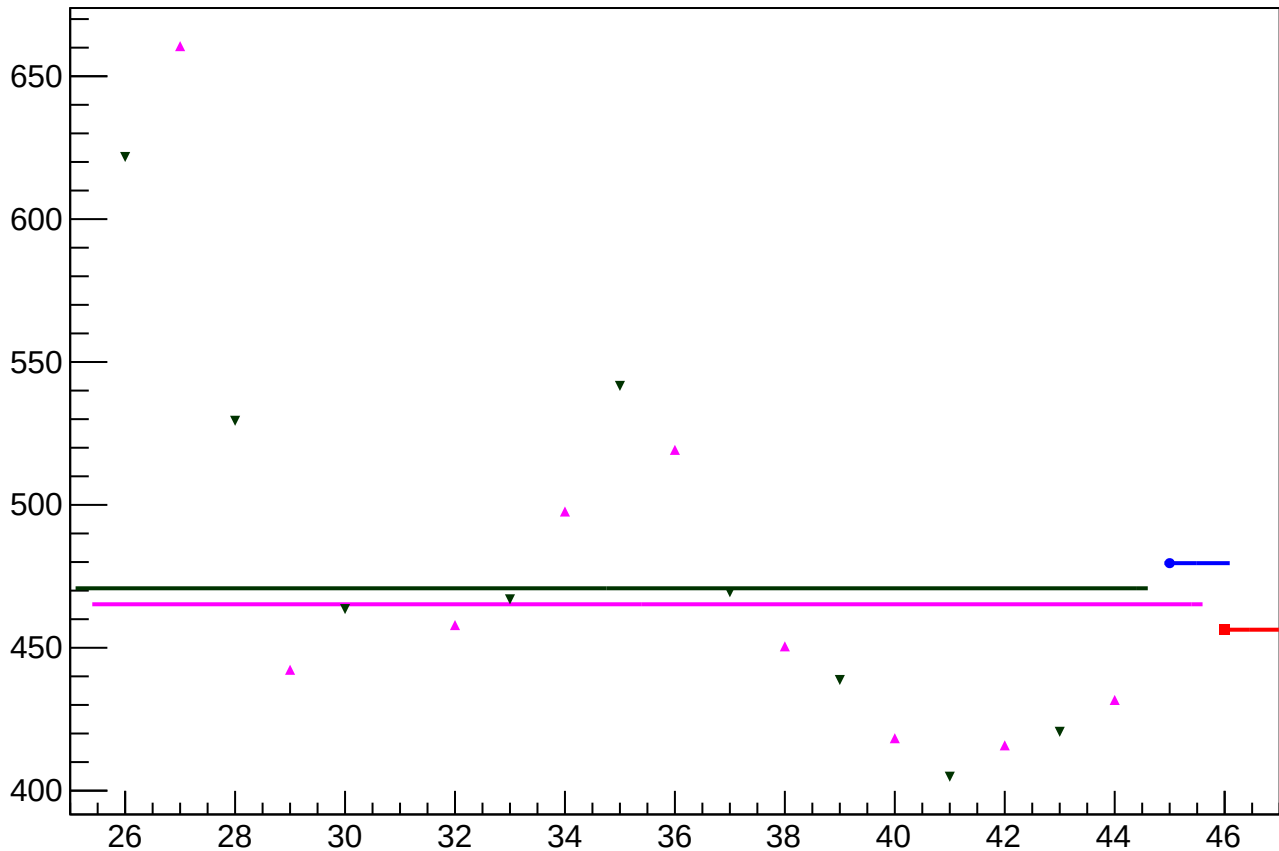
Right Out: 70.278 $\pm$ 700.322 χ^2/NDF : 0.0/0

Left In: -412.499 $\pm$ 198.099 χ^2/NDF : 4.8/8

361.714 $\pm$ 203.328 χ^2/NDF : 7.1/9

-376.732 $\pm$ 190.620 χ^2/NDF : 5.3/9

asym_dsr_rms vs slug



Right In: 479.612+/-0.432 χ^2/NDF : 0.0/0

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

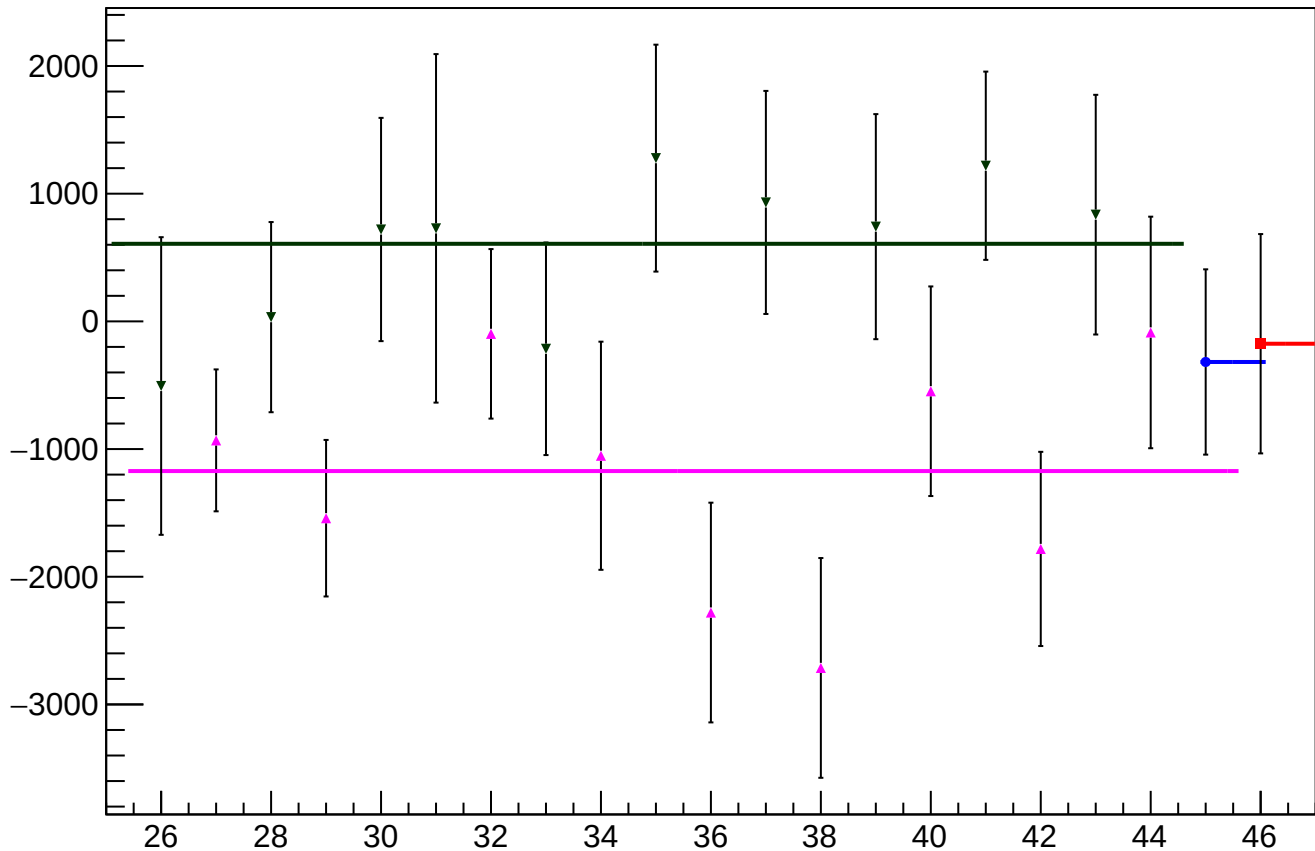
471.791+/-0.144 χ^2/NDF : 143304.3/9

Right Out: 456.325+/-0.495 χ^2/NDF : 0.0/0

464.563+/-0.135 χ^2/NDF : 202323.2/9

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

cor_usl_mean vs slug



Right In: -318.039+/-725.589 χ^2/NDF : 0.0/0

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

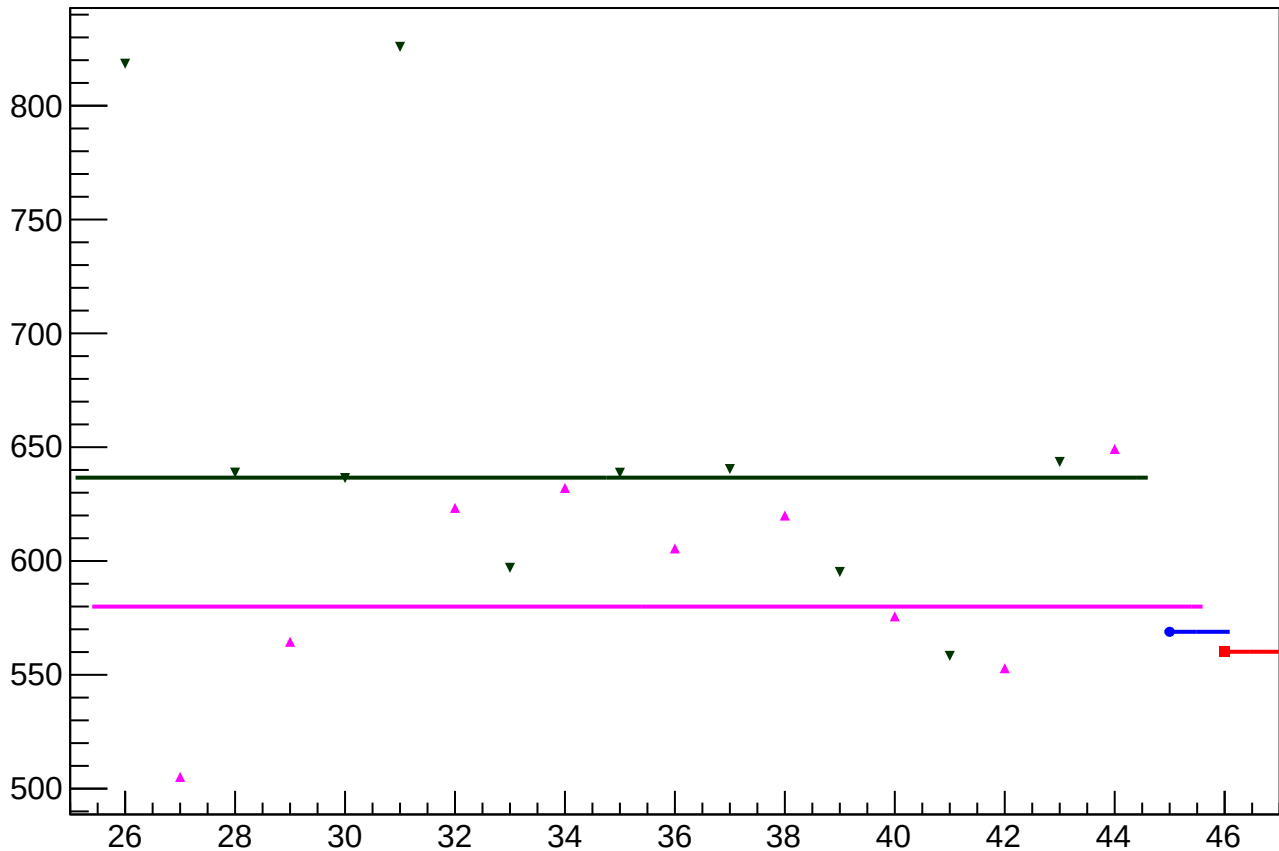
Right Out: -175.123+/-858.856 χ^2/NDF : 0.0/0

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

486.853+/-262.003 χ^2/NDF : 5.4/10

-1096.828+/-236.302 χ^2/NDF : 12.0/9

cor_usl_rms vs slug



Right In: 568.900 $\pm$ 0.513 χ^2 /NDF: 0.0/0

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

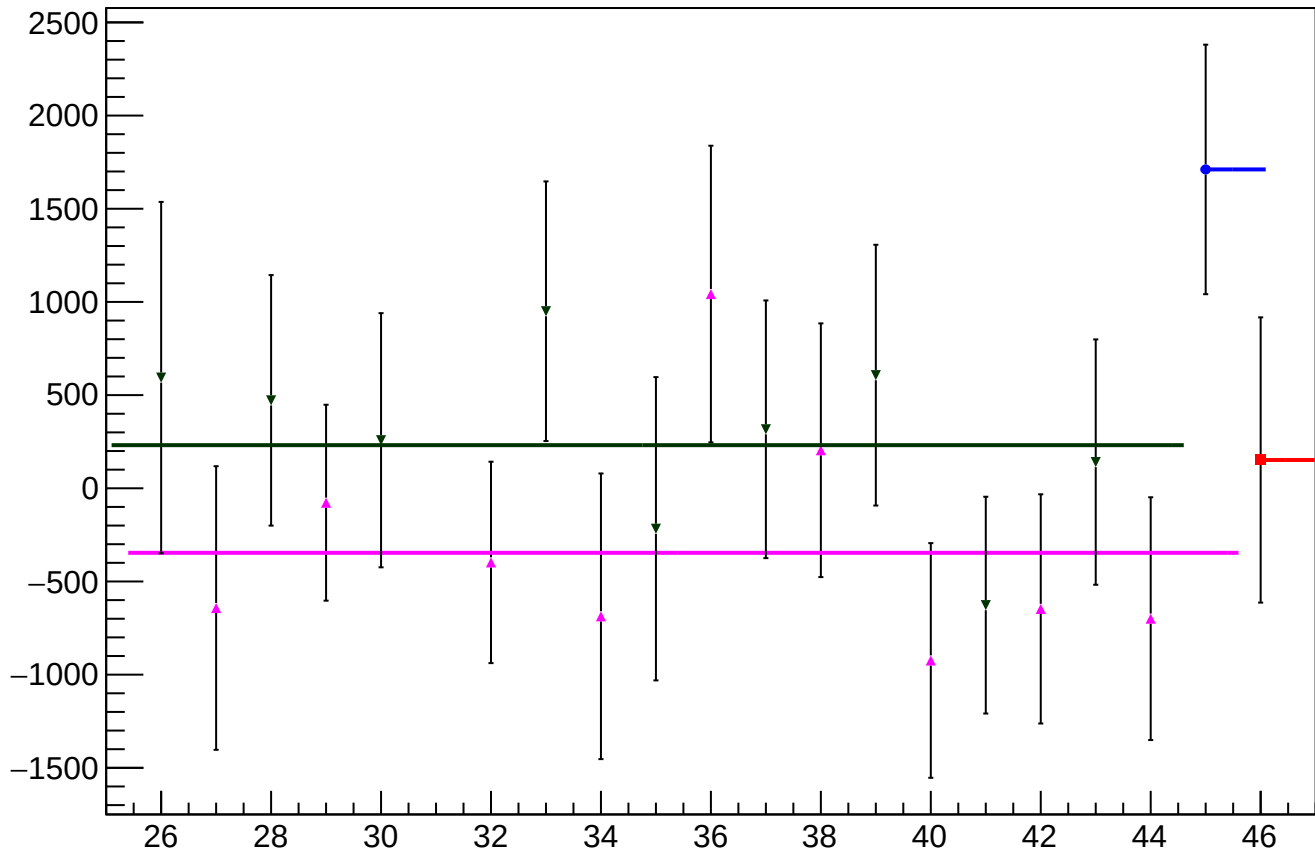
627.789 $\pm$ 0.185 χ^2 /NDF: 133971.6/10

Right Out: 560.131 $\pm$ 0.607 χ^2 /NDF: 0.0/0

578.469 $\pm$ 0.167 χ^2 /NDF: 74193.0/9

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

cor_usr_mean vs slug



Right In: 1710.979+/-669.452 χ^2/NDF : 0.0/0

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

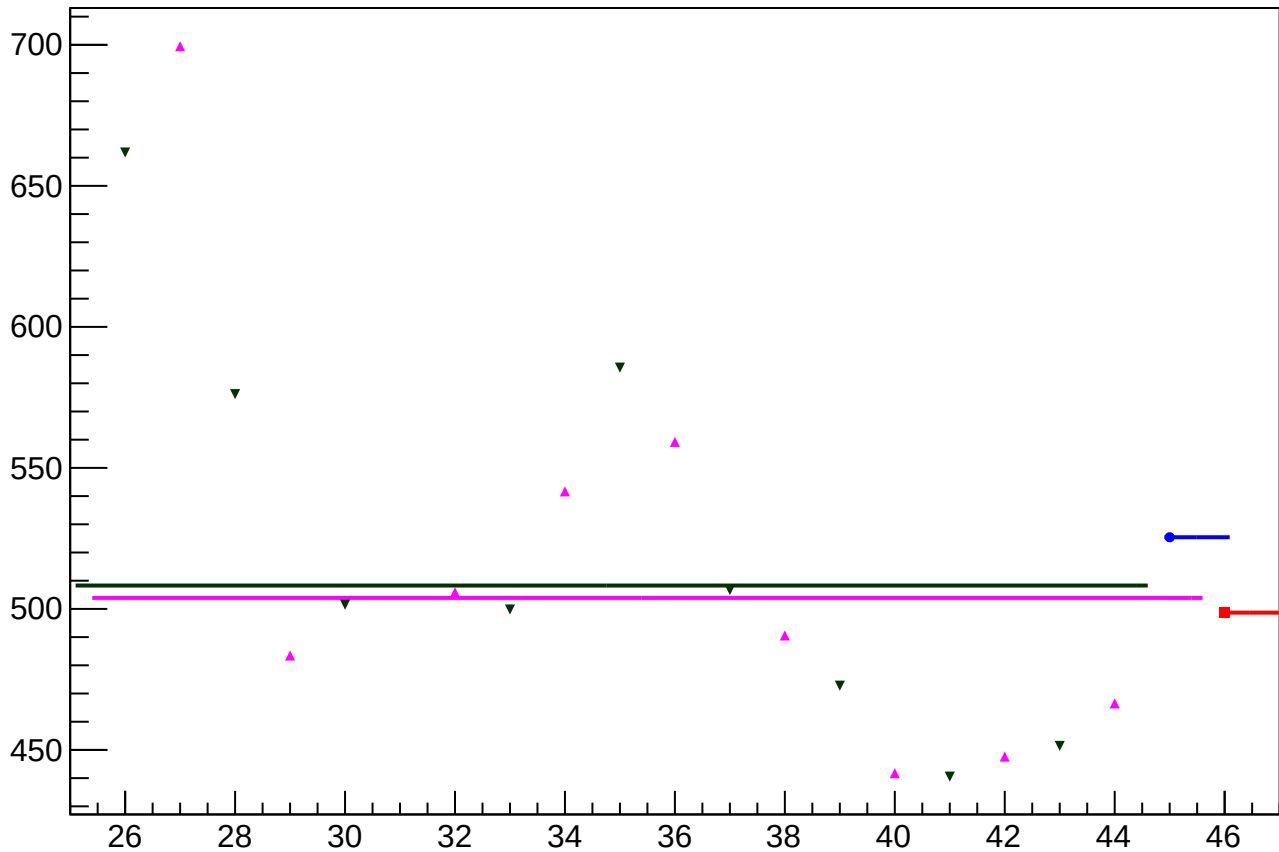
Right Out: 151.896+/-765.269 χ^2/NDF : 0.0/0

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

390.972+/-219.845 χ^2/NDF : 8.5/9

-309.965+/-206.538 χ^2/NDF : 6.1/9

cor_usr_rms vs slug



Right In: 525.413+/-0.473 χ^2/NDF : 0.0/0

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

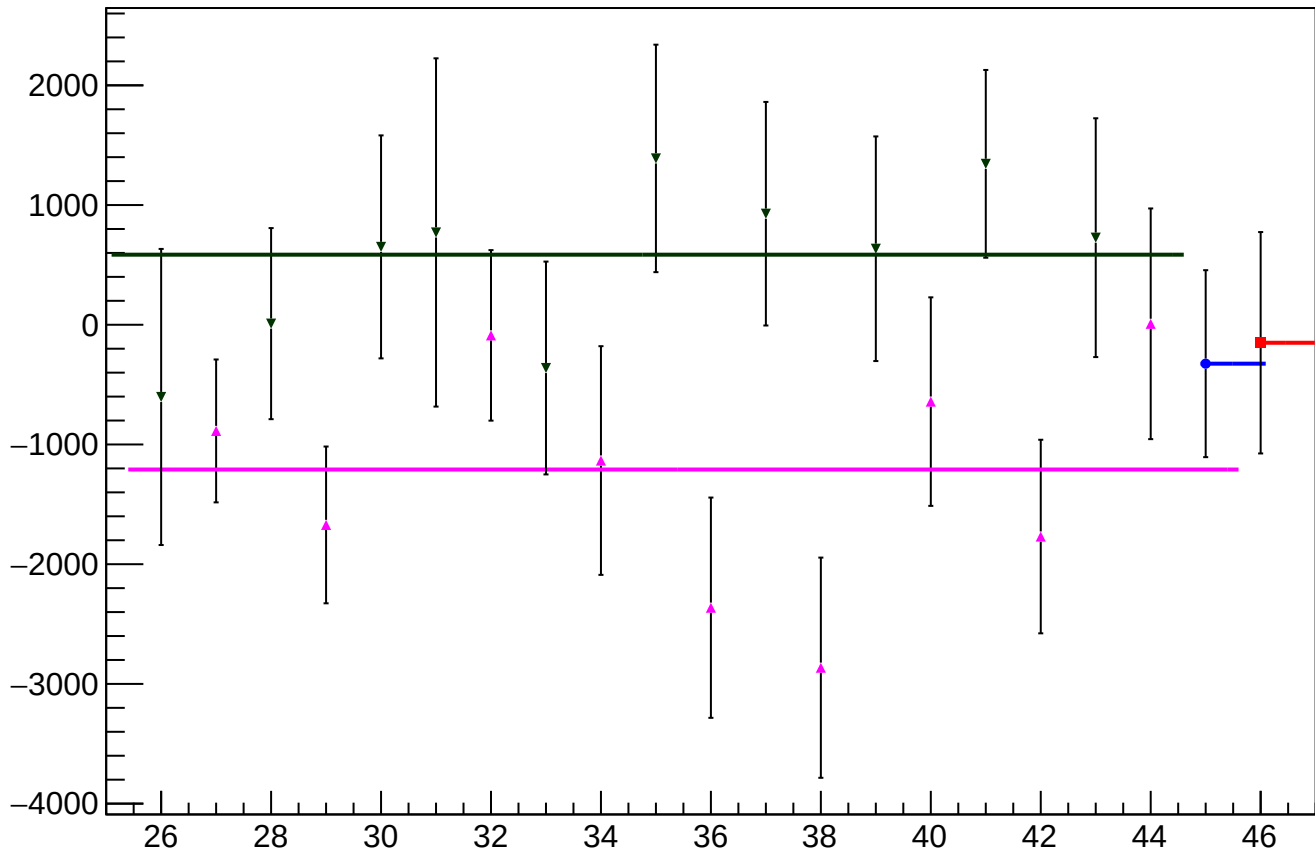
510.138+/-0.155 χ^2/NDF : 140362.7/9

Right Out: 498.668+/-0.541 χ^2/NDF : 0.0/0

503.521+/-0.146 χ^2/NDF : 193438.1/9

Left In: 503.902+/-0.152 χ^2/NDF :193351.4/8

cor_dsl_mean vs slug



Right In: -325.006+/-780.887 χ^2/NDF : 0.0/0

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

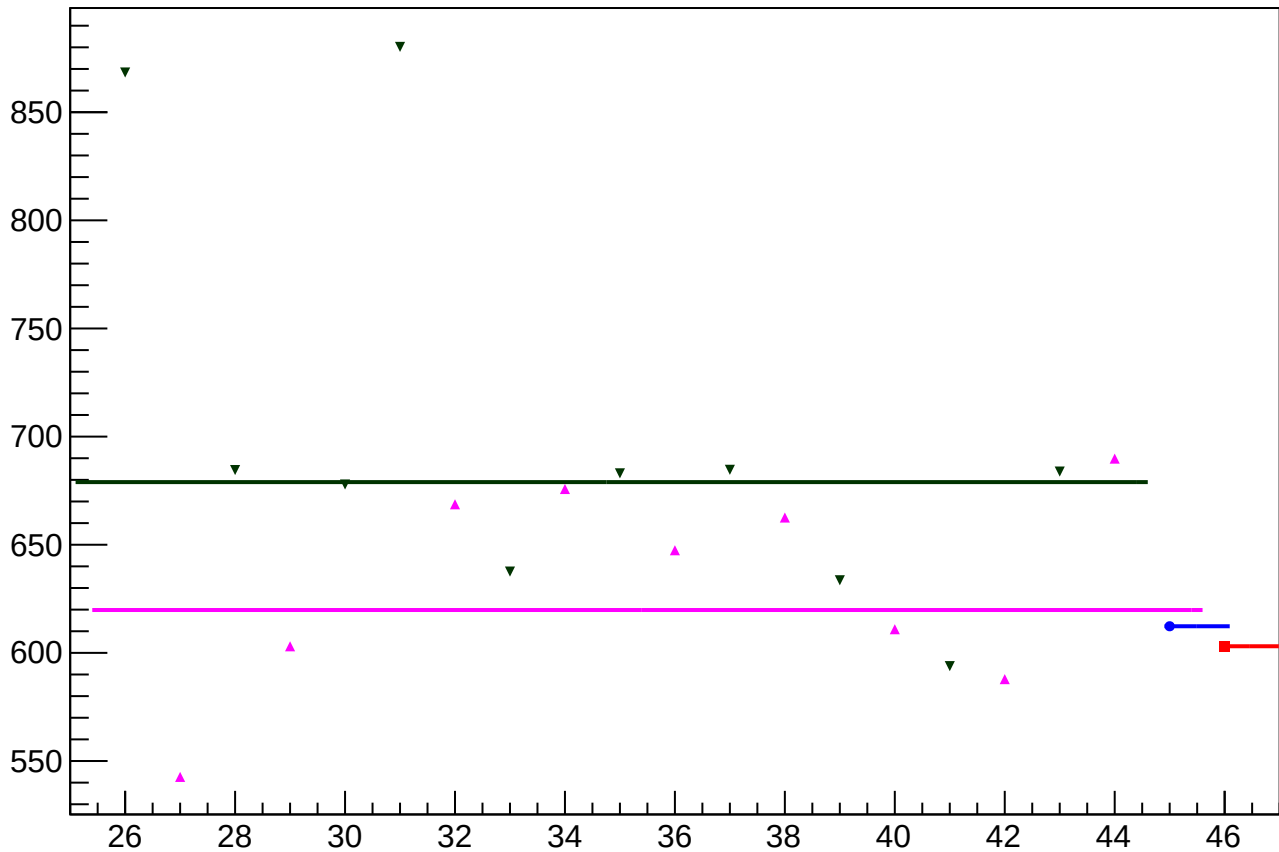
468.551+/-279.755 χ^2/NDF : 5.6/10

Right Out: -150.301+/-924.657 χ^2/NDF : 0.0/0

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

-1130.187+/-252.646 χ^2/NDF : 11.8/9

cor_dsl_rms vs slug



Right In: 612.308 ± 0.552 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 678.962 ± 0.212 $\chi^2/\text{NDF}: 118027.5/9$

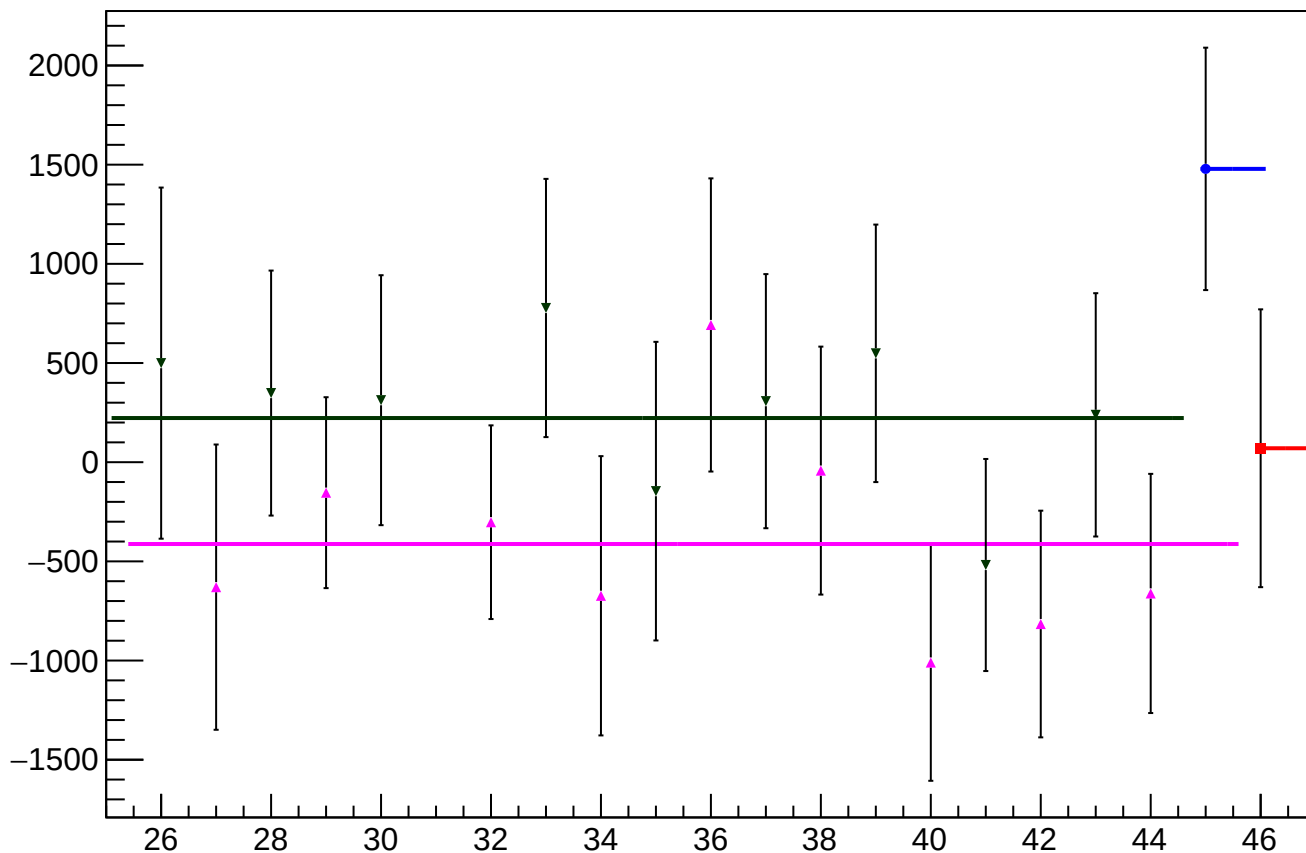
670.407 ± 0.198 $\chi^2/\text{NDF}: 130728.8/10$

Right Out: 603.060 ± 0.654 $\chi^2/\text{NDF}: 0.0/0$

618.569 ± 0.179 $\chi^2/\text{NDF}: 71669.2/9$

Left In: 619.820 ± 0.186 $\chi^2/\text{NDF}: 71061.2/8$

cor_dsr_mean vs slug



Right In: 1478.773 ± 611.062 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 222.635 ± 215.614 $\chi^2/\text{NDF}: 3.3/8$

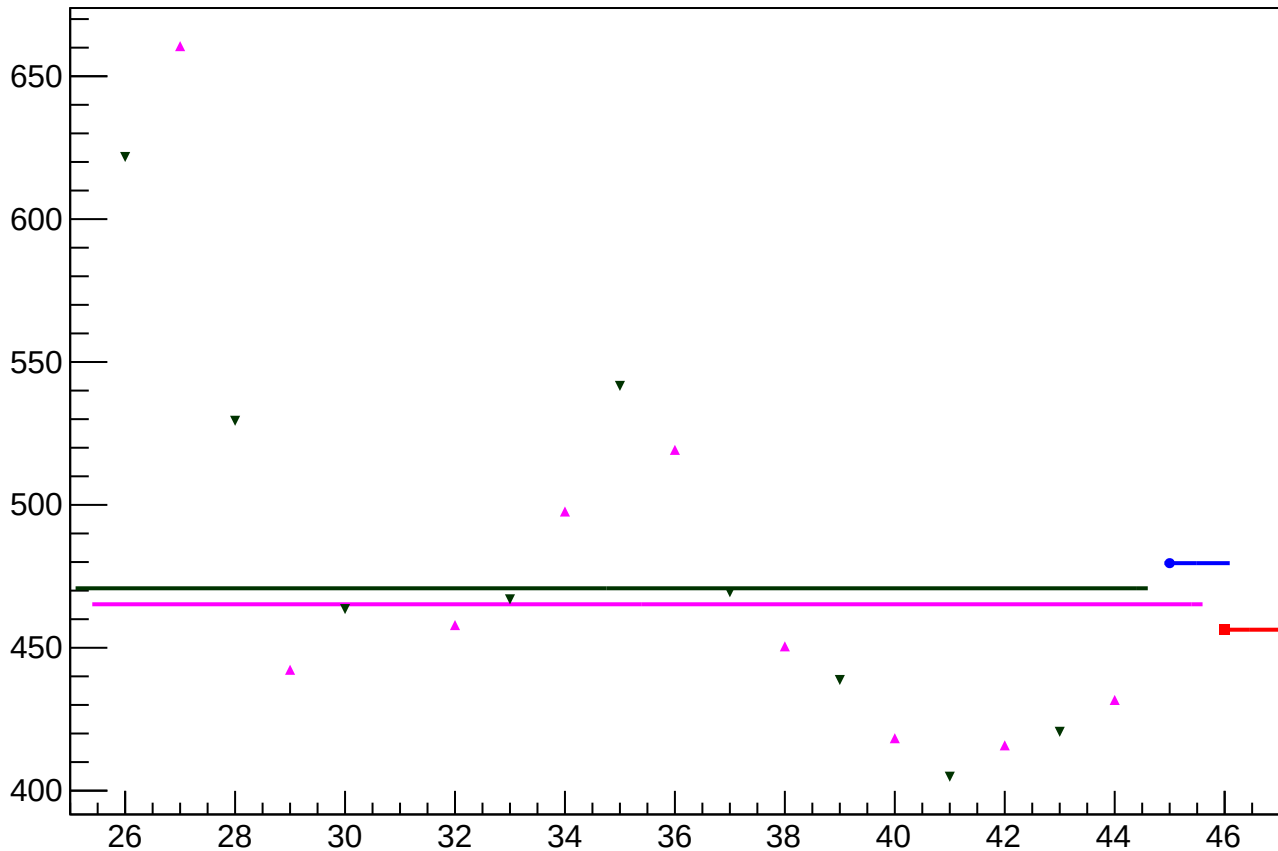
Right Out: 70.278 ± 700.322 $\chi^2/\text{NDF}: 0.0/0$

Left In: -412.499 ± 198.099 $\chi^2/\text{NDF}: 4.8/8$

361.714 ± 203.328 $\chi^2/\text{NDF}: 7.1/9$

-376.732 ± 190.620 $\chi^2/\text{NDF}: 5.3/9$

cor_dsr_rms vs slug



Right In: 479.612 $\pm$ 0.432 χ^2 /NDF: 0.0/0

Left Out: 470.818 $\pm$ 0.152 χ^2 /NDF: 142935.9/8

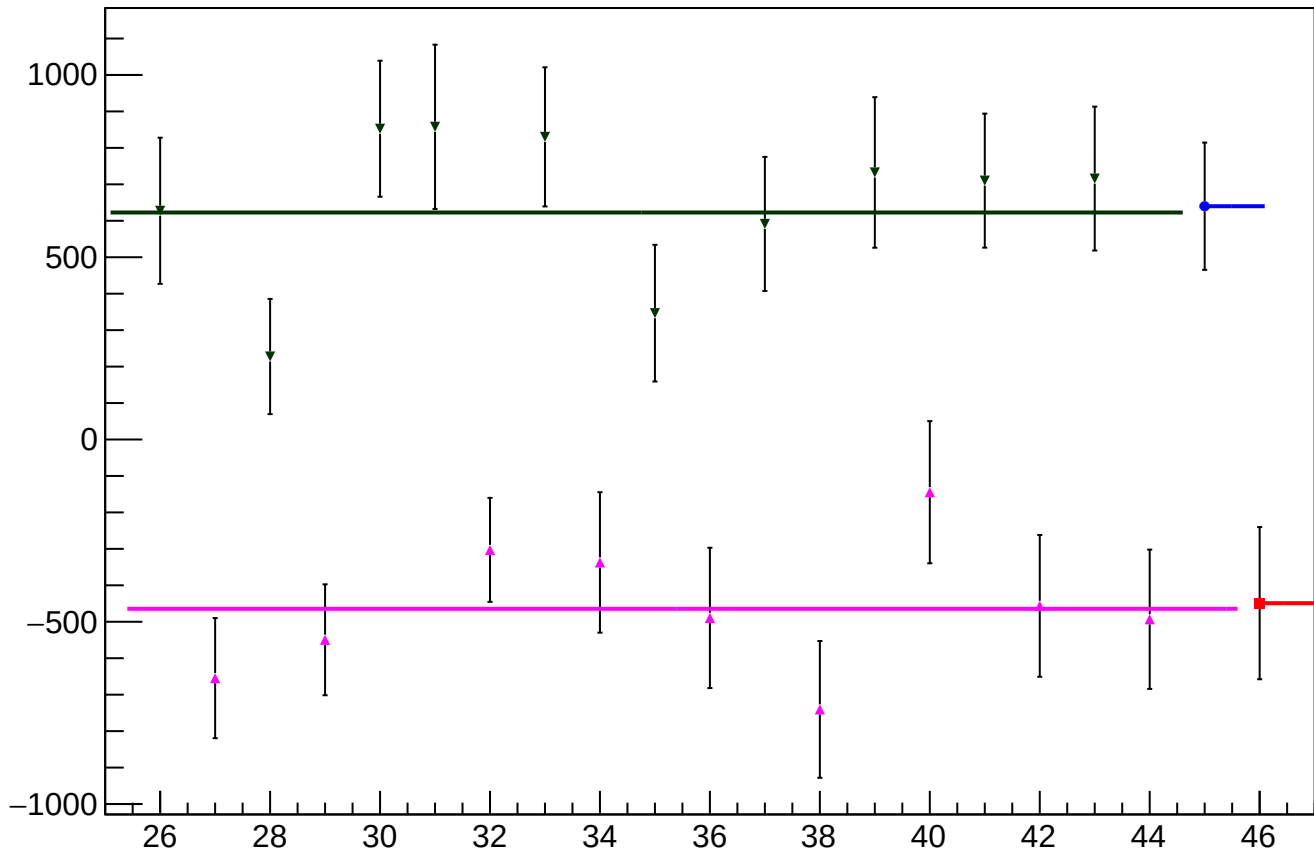
471.791 $\pm$ 0.144 χ^2 /NDF: 143304.3/9

Right Out: 456.325 $\pm$ 0.495 χ^2 /NDF: 0.0/0

464.563 $\pm$ 0.135 χ^2 /NDF: 202323.2/9

Left In: 465.223 $\pm$ 0.140 χ^2 /NDF: 202024.3/8

reg_asym_usl_mean vs slug



Right In: 639.928+/-174.576 χ^2/NDF : 0.0/0

Left Out: 622.726+/-60.025 χ^2/NDF :13.0/9

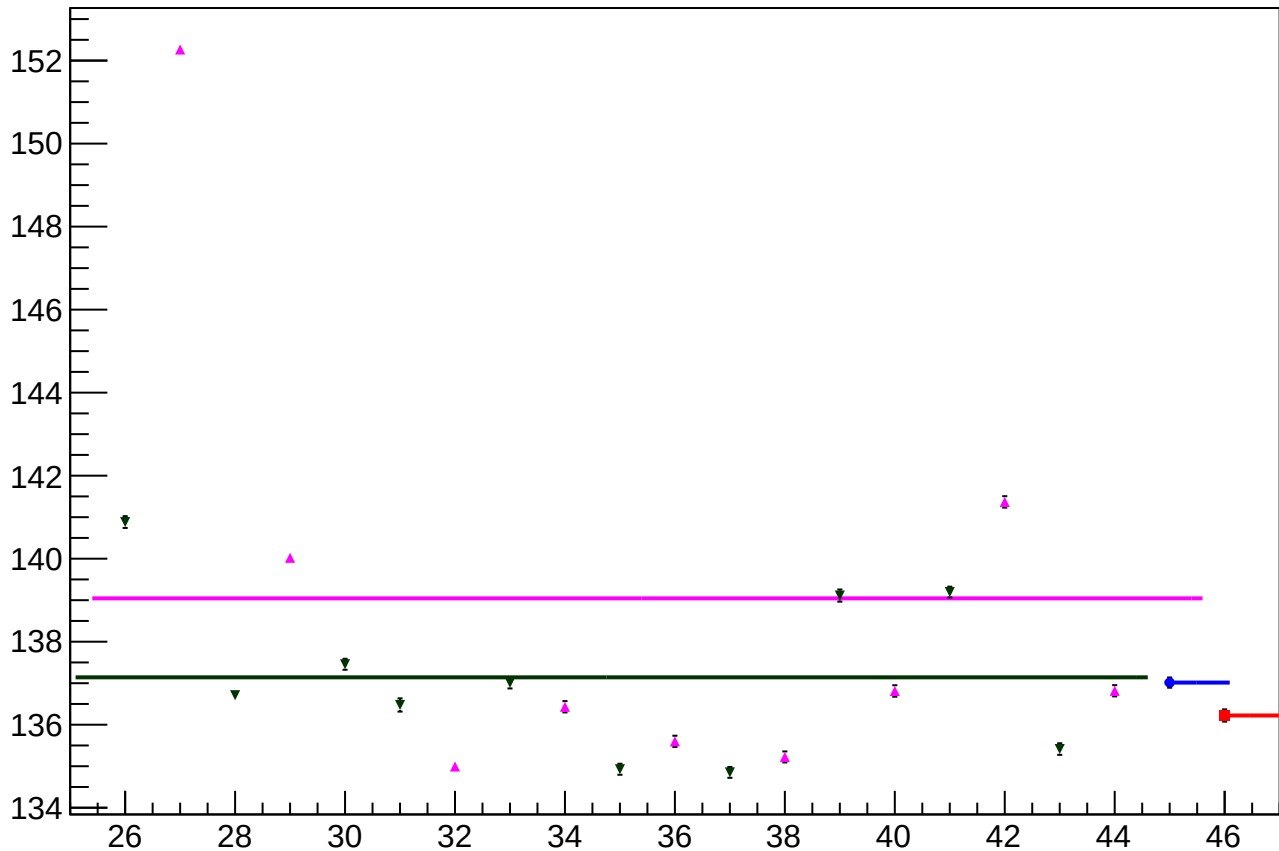
624.545+/-56.763 χ^2/NDF : 13.0/10

Right Out: -448.943+/-208.771 χ^2/NDF : 0.0/0

-463.223+/-56.378 χ^2/NDF : 8.3/9

Left In: -464.347+/-58.554 χ^2/NDF :8.3/8

reg_asym_usl_rms vs slug



Right In: 137.015+/-0.123 χ^2/NDF : 0.0/0

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

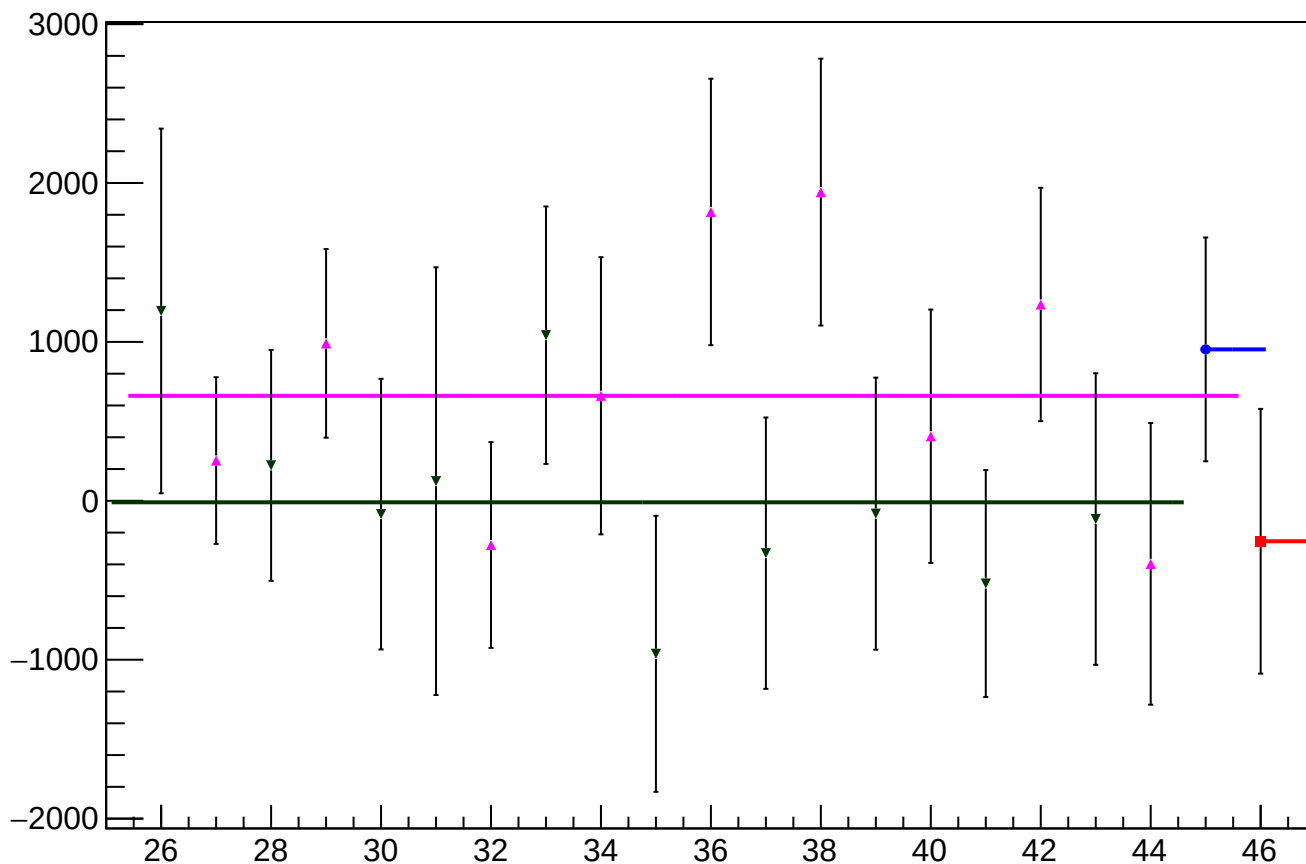
137.128+/-0.040 χ^2/NDF : 1910.5/10

Right Out: 136.222+/-0.148 χ^2/NDF : 0.0/0

138.838+/-0.040 χ^2/NDF : 17571.2/9

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

asym_usl_correction_mean vs slug



Right In: 952.883 $\pm$ 704.154 χ^2 /NDF: 0.0/0

Left Out: -9.377 $\pm$ 273.969 χ^2 /NDF: 4.8/9

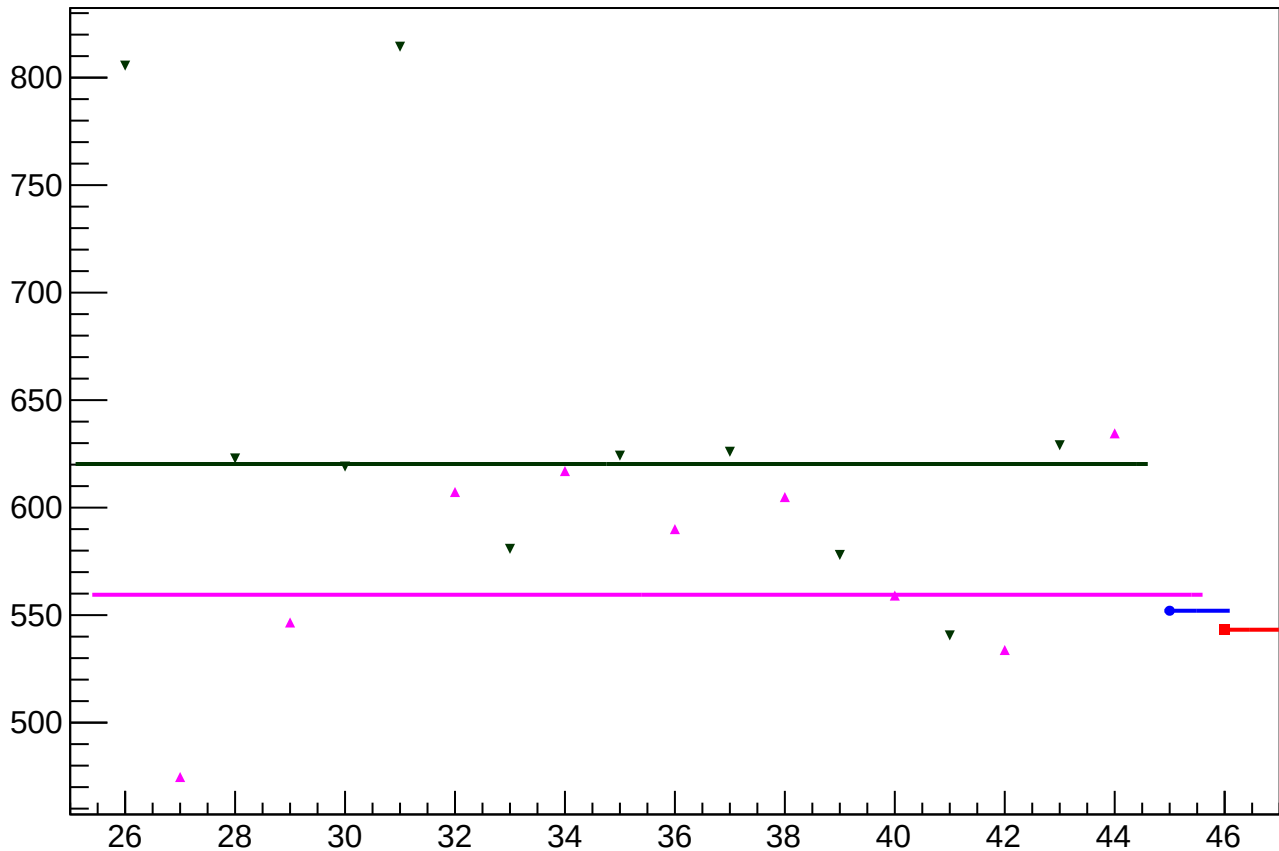
Right Out: -254.435 $\pm$ 832.970 χ^2 /NDF: 0.0/0

Left In: 660.643 $\pm$ 237.559 χ^2 /NDF: 9.4/8

117.138 $\pm$ 255.324 χ^2 /NDF: 6.4/10

591.813 $\pm$ 228.450 χ^2 /NDF: 10.5/9

asym_usl_correction_rms vs slug



Right In: 552.039+/-0.498 χ^2/NDF : 0.0/0

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

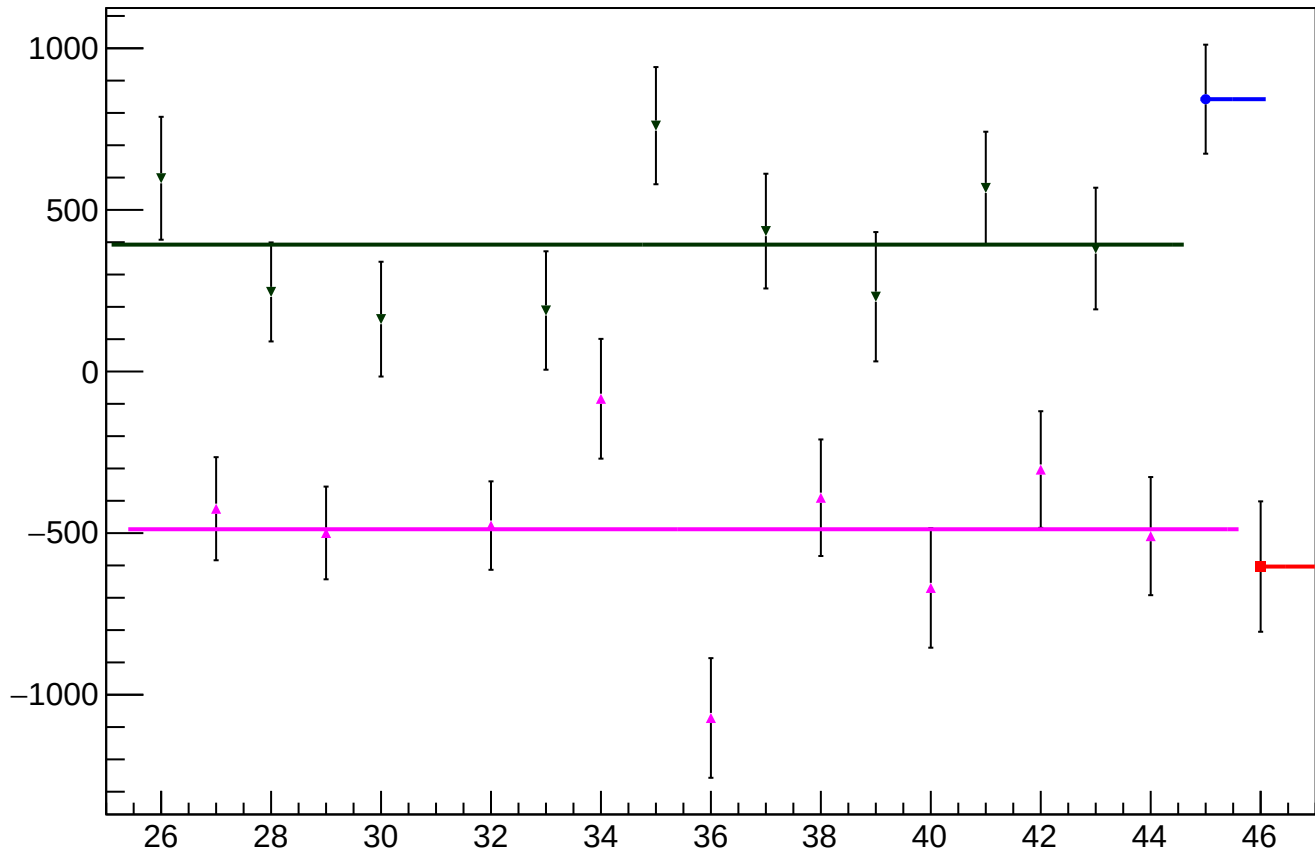
611.318+/-0.181 χ^2/NDF : 144989.7/10

Right Out: 543.210+/-0.589 χ^2/NDF : 0.0/0

558.254+/-0.162 χ^2/NDF : 98840.6/9

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

reg_asym_usr_mean vs slug



Right In: 842.513+/-168.656 χ^2/NDF : 0.0/0

442.719+/-56.308 χ^2/NDF : 17.2/9

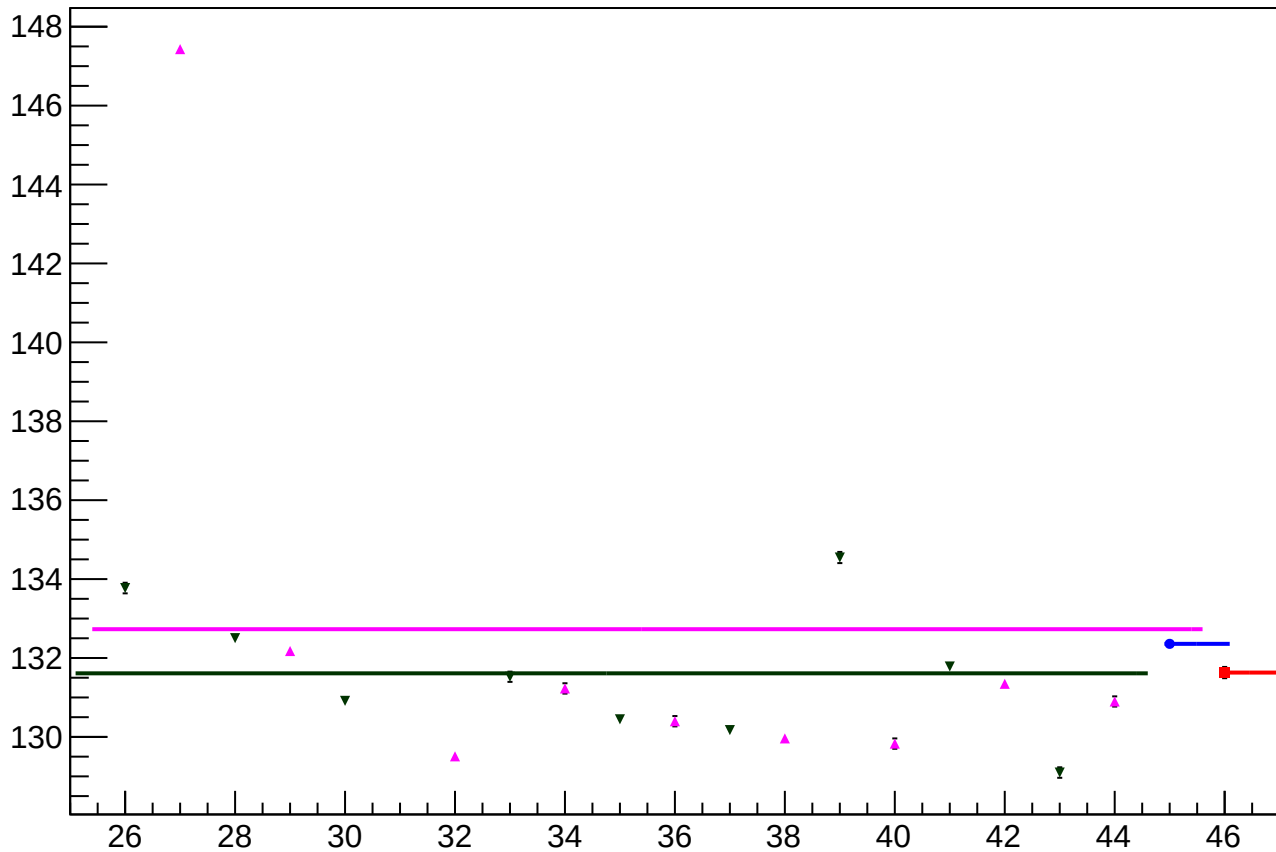
Left Out: 392.566+/-59.735 χ^2/NDF : 10.8/8

-496.217+/-53.851 χ^2/NDF : 17.5/9

Right Out: -603.446+/-201.730 χ^2/NDF : 0.0/0

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

reg_asym_usr_rms vs slug



Right In: 132.359+/-0.119 χ^2/NDF : 0.0/0

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

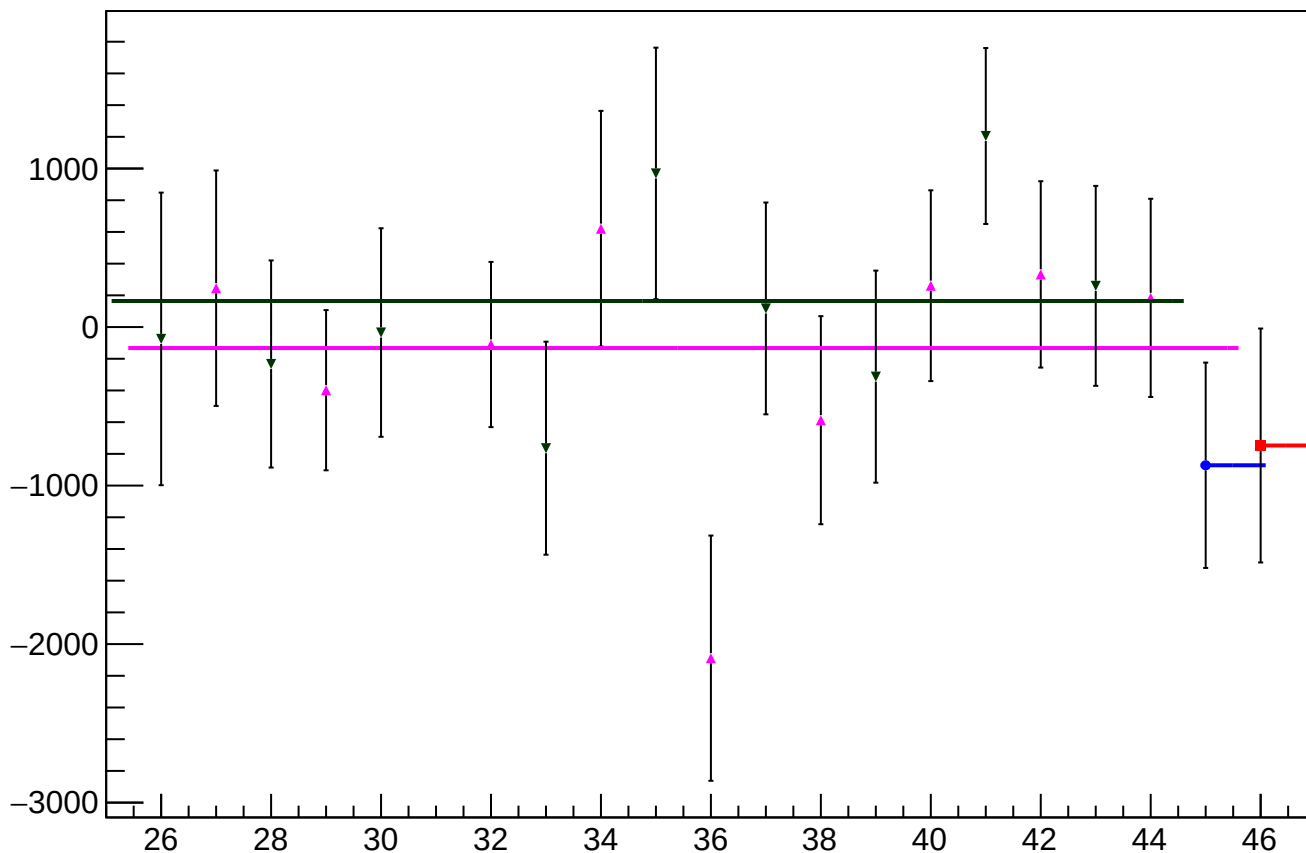
131.695+/-0.040 χ^2/NDF : 1396.3/9

Right Out: 131.631+/-0.143 χ^2/NDF : 0.0/0

132.652+/-0.038 χ^2/NDF : 19915.6/9

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

asym_usr_correction_mean vs slug



Right In: -871.953+/-647.692 χ^2 /NDF: 0.0/0

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

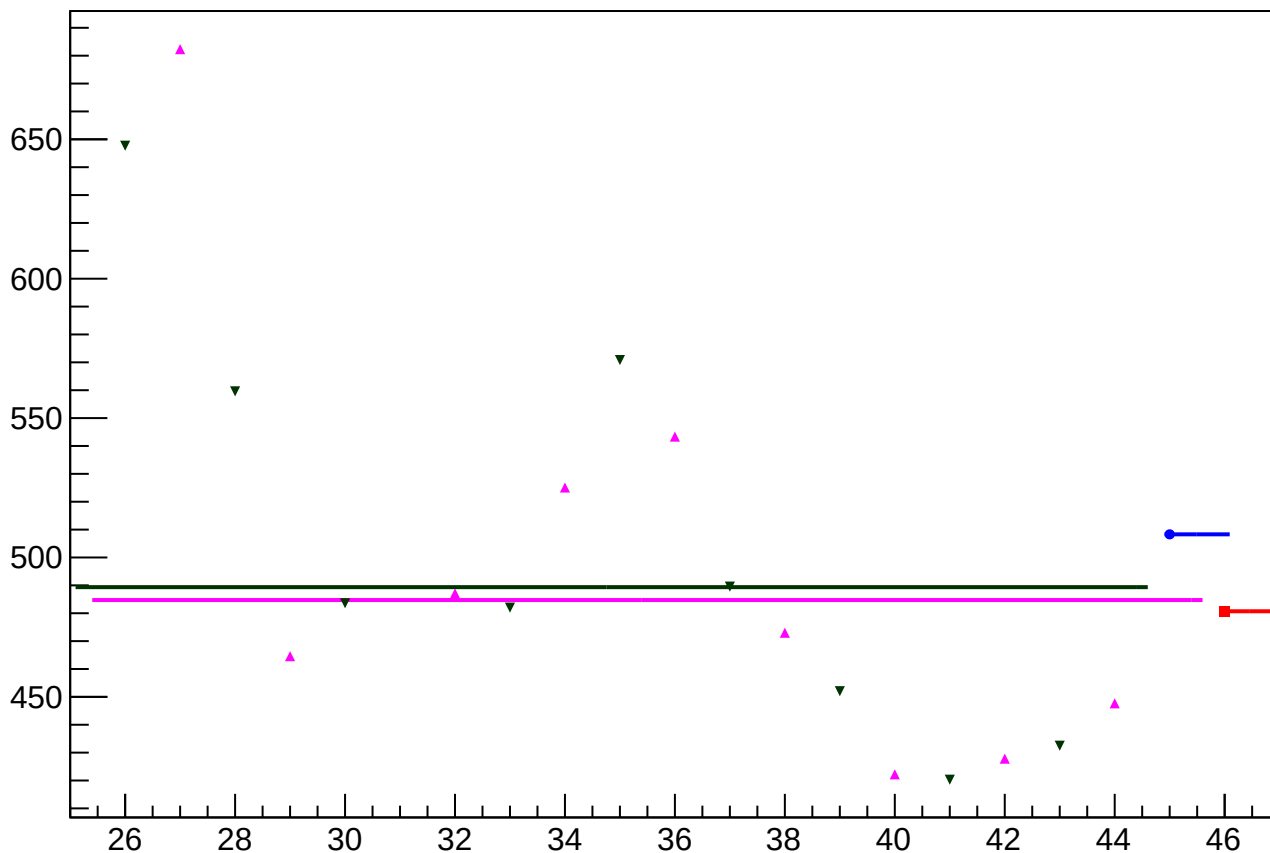
Right Out: -747.206+/-737.864 χ^2 /NDF: 0.0/0

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

53.297+/-211.987 χ^2 /NDF: 9.8/9

-177.011+/-198.941 χ^2 /NDF: 10.4/9

asym_usr_correction_rms vs slug



Right In: 508.304+/-0.458 χ^2/NDF : 0.0/0

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

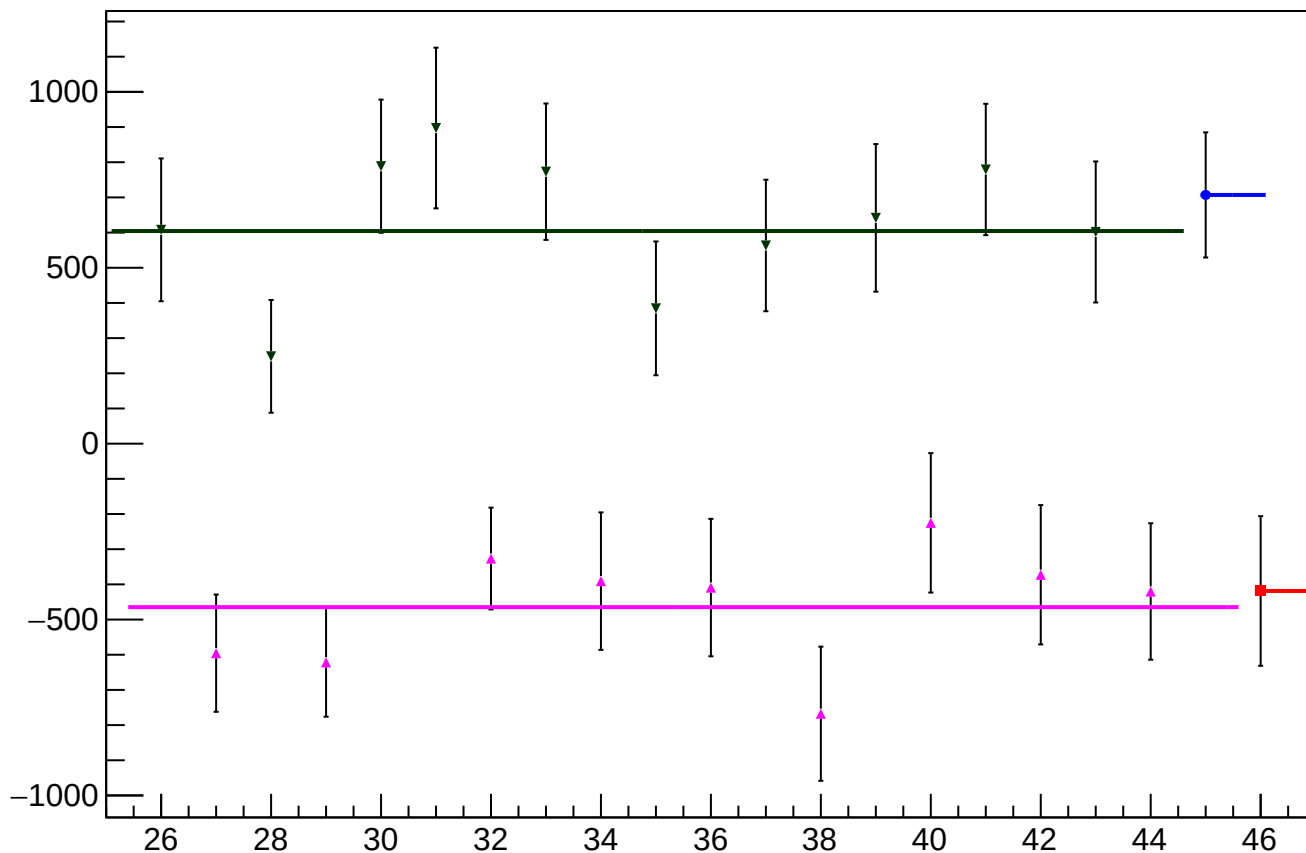
Right Out: 480.706+/-0.522 χ^2/NDF : 0.0/0

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

491.390+/-0.150 χ^2/NDF : 158481.3/9

484.440+/-0.141 χ^2/NDF : 210214.6/9

reg_asym_dsl_mean vs slug



Right In: 707.016+/-177.858 χ^2/NDF : 0.0/0

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

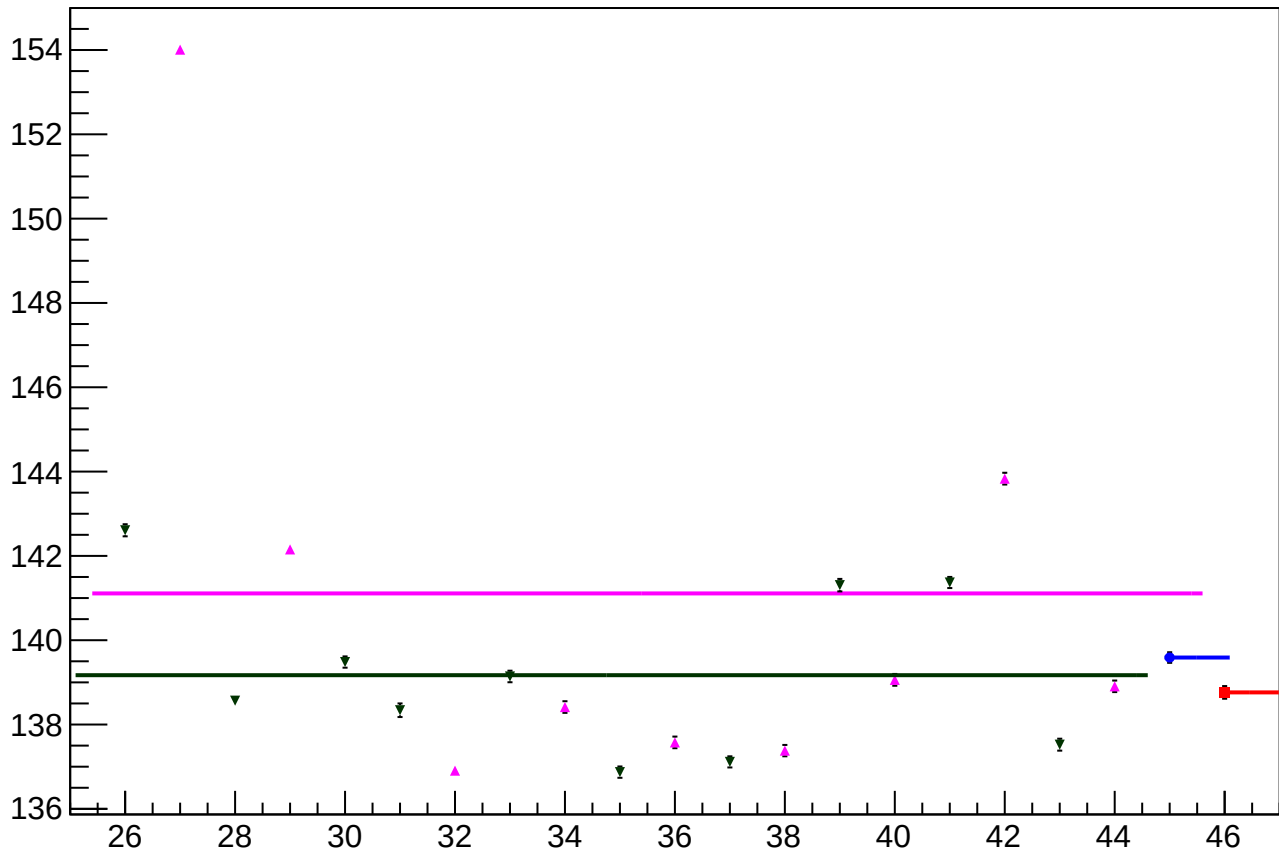
Right Out: -418.796+/-212.666 χ^2/NDF : 0.0/0

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

615.192+/-57.629 χ^2/NDF : 10.9/10

-461.353+/-57.235 χ^2/NDF : 7.1/9

reg_asym_dsl_rms vs slug



Right In: 139.589 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Left Out: 139.170 $\pm$ 0.043 χ^2 /NDF:1788.1/9

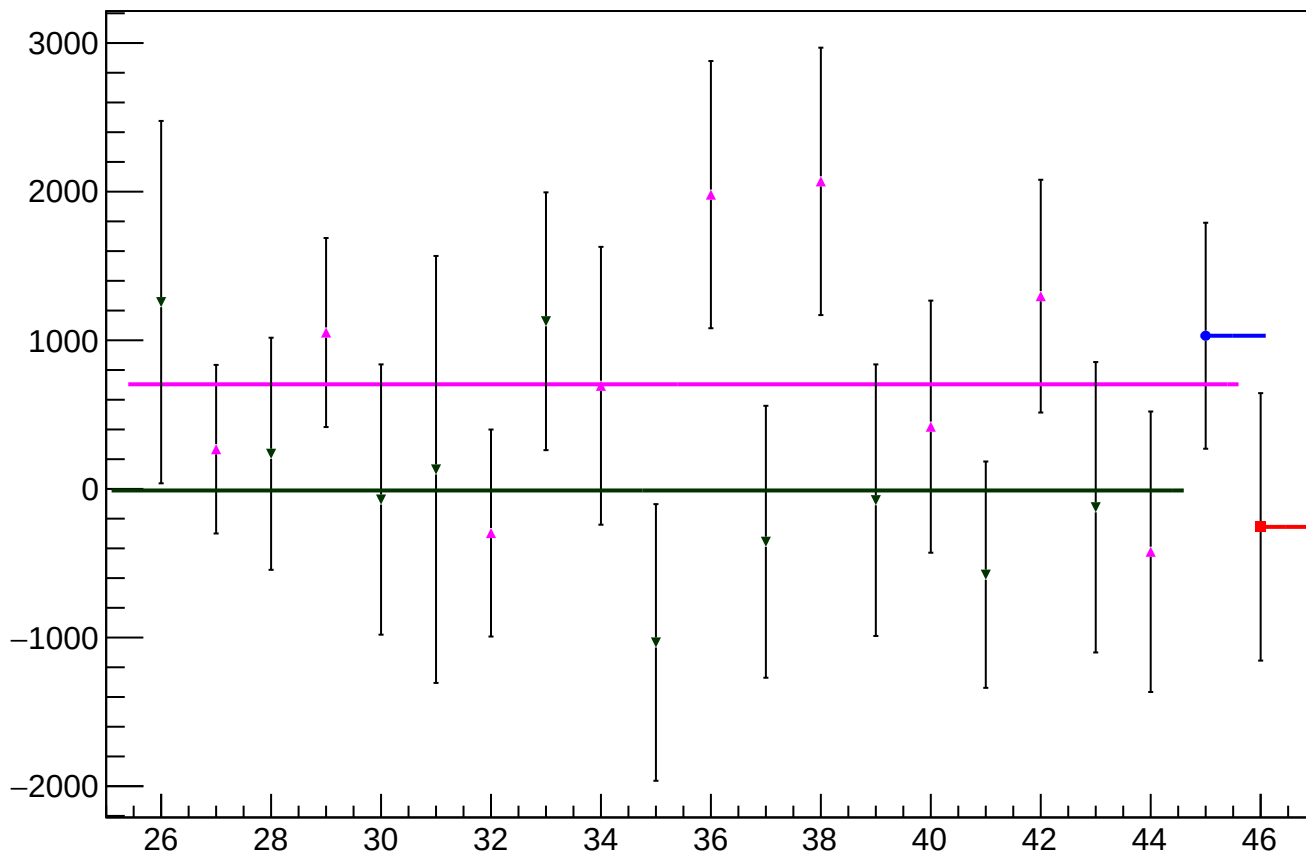
139.214 $\pm$ 0.041 χ^2 /NDF: 1798.0/10

Right Out: 138.762 $\pm$ 0.150 χ^2 /NDF: 0.0/0

140.940 $\pm$ 0.040 χ^2 /NDF: 16635.2/9

Left In: 141.110 $\pm$ 0.042 χ^2 /NDF:16409.1/8

asym_dsl_correction_mean vs slug



Right In: 1030.588 $\pm$ 760.263 χ^2 /NDF: 0.0/0

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

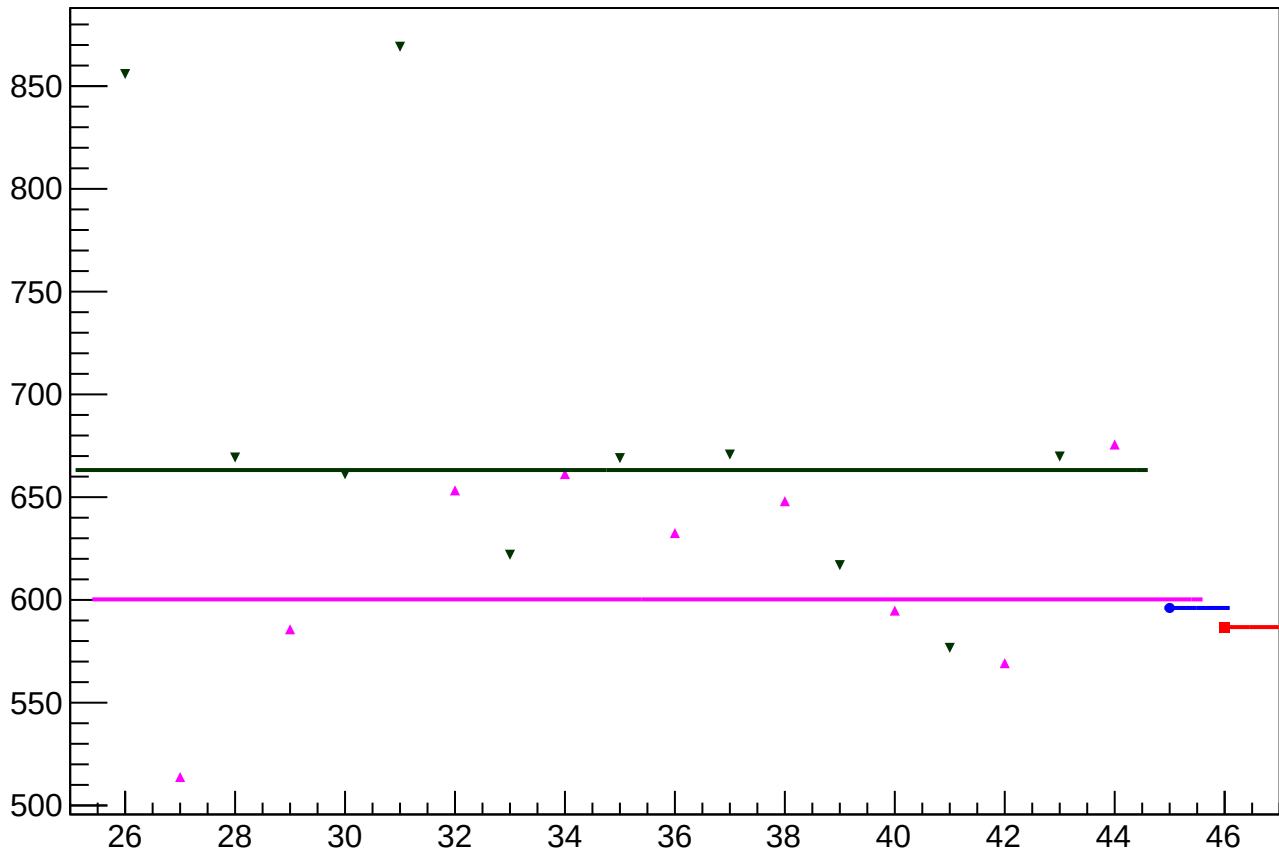
Right Out: -255.370 $\pm$ 899.753 χ^2 /NDF: 0.0/0

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

124.082 $\pm$ 273.314 χ^2 /NDF: 6.5/10

632.700 $\pm$ 245.130 χ^2 /NDF: 10.4/9

asym_dsl_correction_rms vs slug



Right In: 596.090+/-0.538 χ^2/NDF : 0.0/0

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

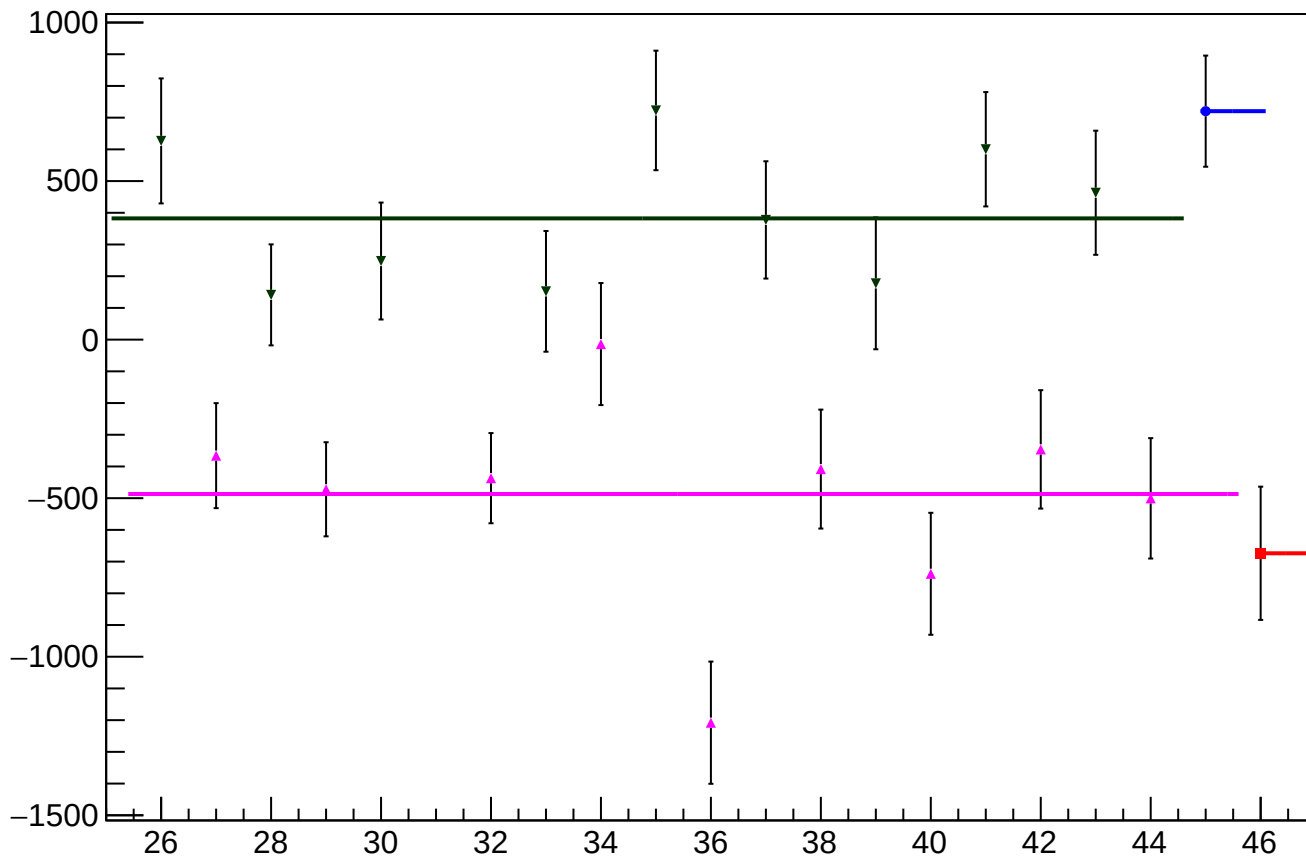
654.523+/-0.193 χ^2/NDF : 140559.5/10

Right Out: 586.783+/-0.636 χ^2/NDF : 0.0/0

599.266+/-0.173 χ^2/NDF : 92225.6/9

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

reg_asym_dsr_mean vs slug



Right In: 720.469 $\pm$ 175.225 χ^2/NDF : 0.0/0

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

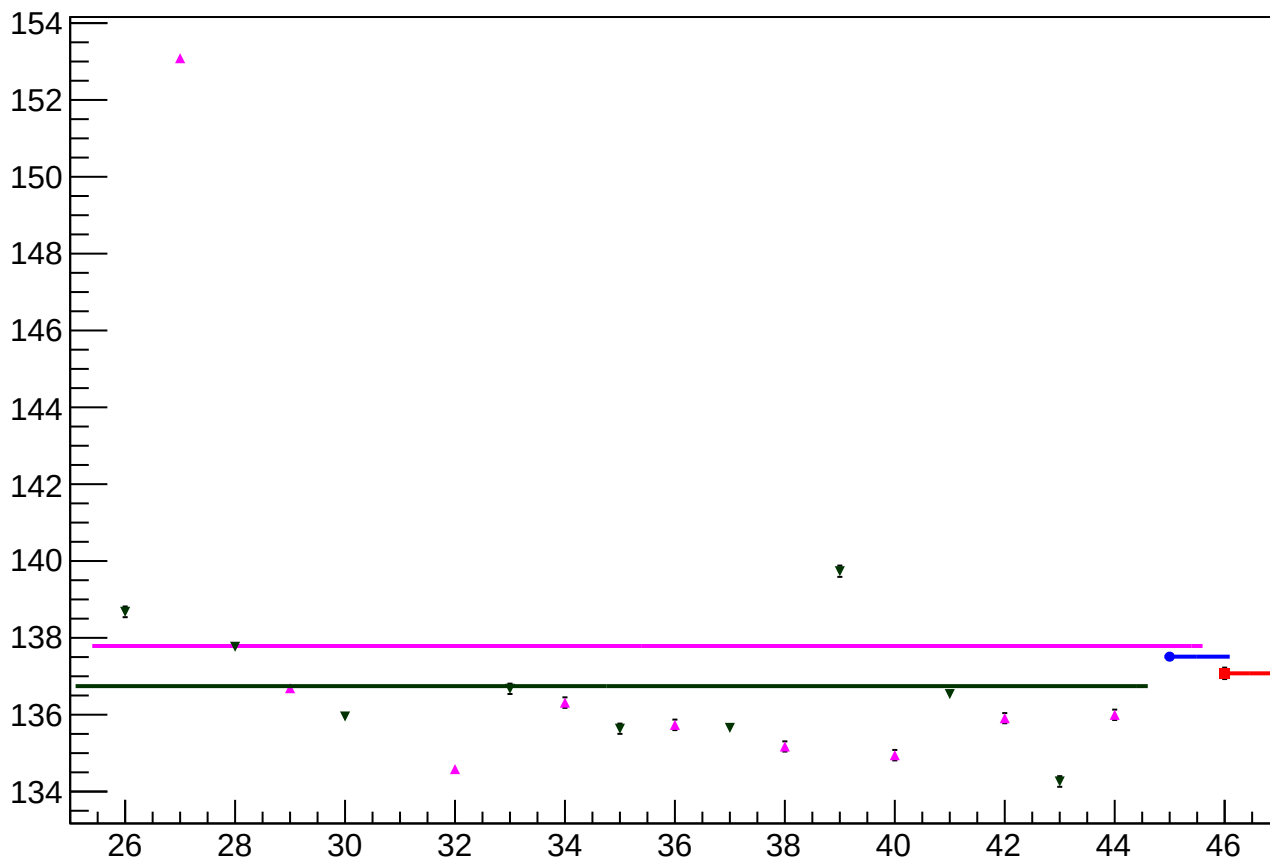
Right Out: -673.796 $\pm$ 210.087 χ^2/NDF : 0.0/0

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

420.016 $\pm$ 58.506 χ^2/NDF : 15.0/9

-500.106 $\pm$ 55.915 χ^2/NDF : 23.9/9

reg_asym_dsr_rms vs slug



Right In: 137.511+/-0.124 χ^2/NDF : 0.0/0

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

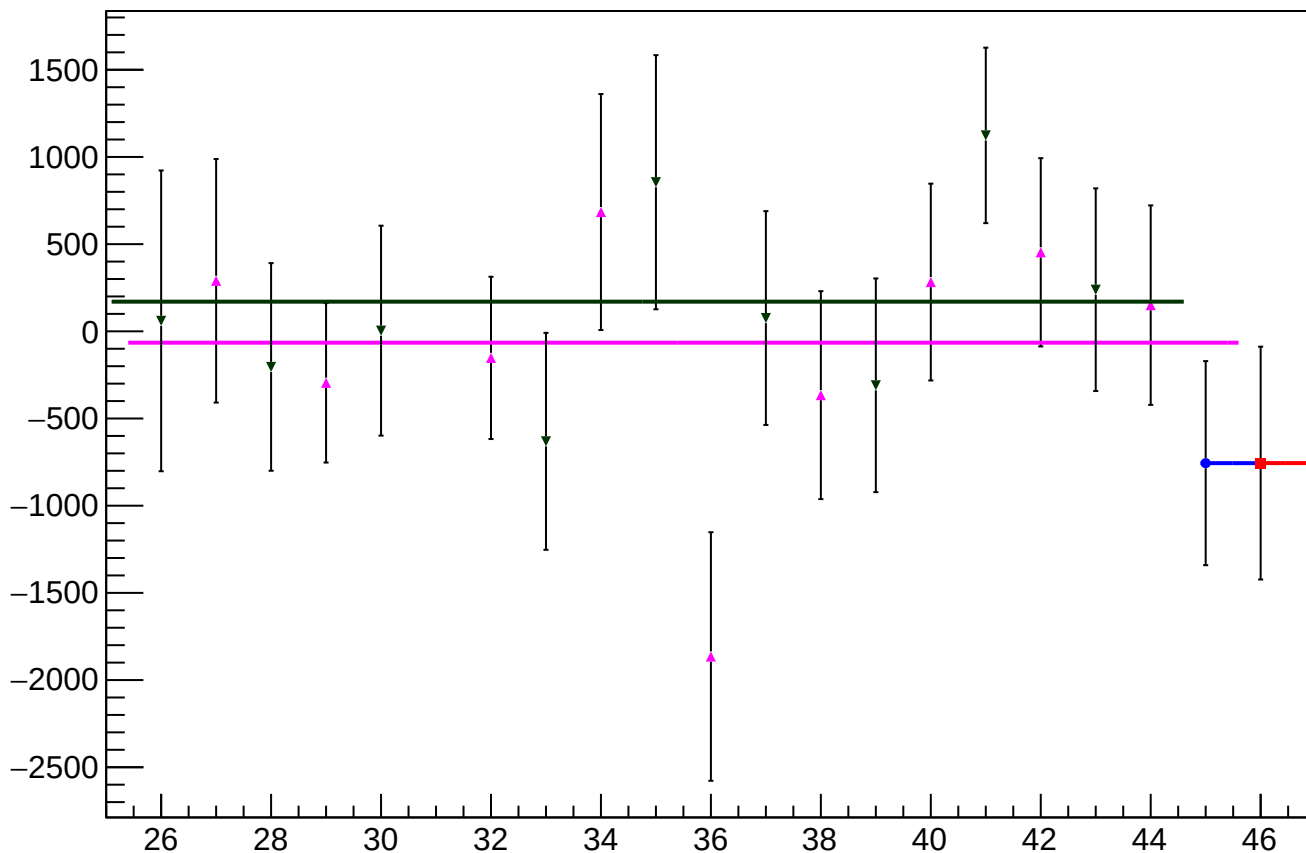
Right Out: 137.076+/-0.149 χ^2/NDF : 0.0/0

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

136.829+/-0.041 χ^2/NDF : 1222.9/9

137.738+/-0.040 χ^2/NDF : 19768.7/9

asym_dsr_correction_mean vs slug



Right In: -756.014+/-585.209 χ^2/NDF : 0.0/0

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

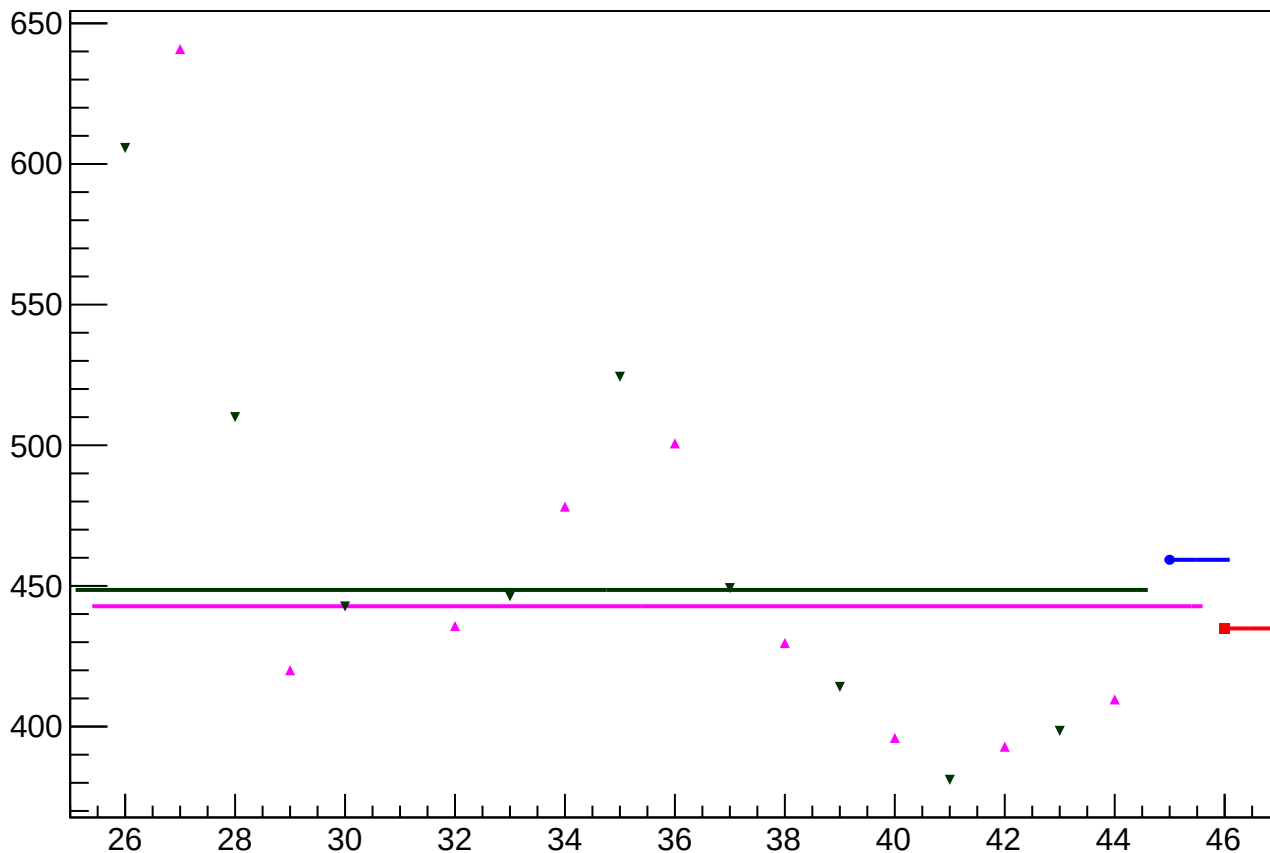
Right Out: -755.654+/-667.624 χ^2/NDF : 0.0/0

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

68.241+/-194.095 χ^2/NDF : 9.5/9

-116.293+/-181.708 χ^2/NDF : 10.8/9

asym_dsr_correction_rms vs slug



Right In: 459.289 $\pm$ 0.414 χ^2 /NDF: 0.0/0

Left Out: 448.574 $\pm$ 0.145 χ^2 /NDF:166684.5/8

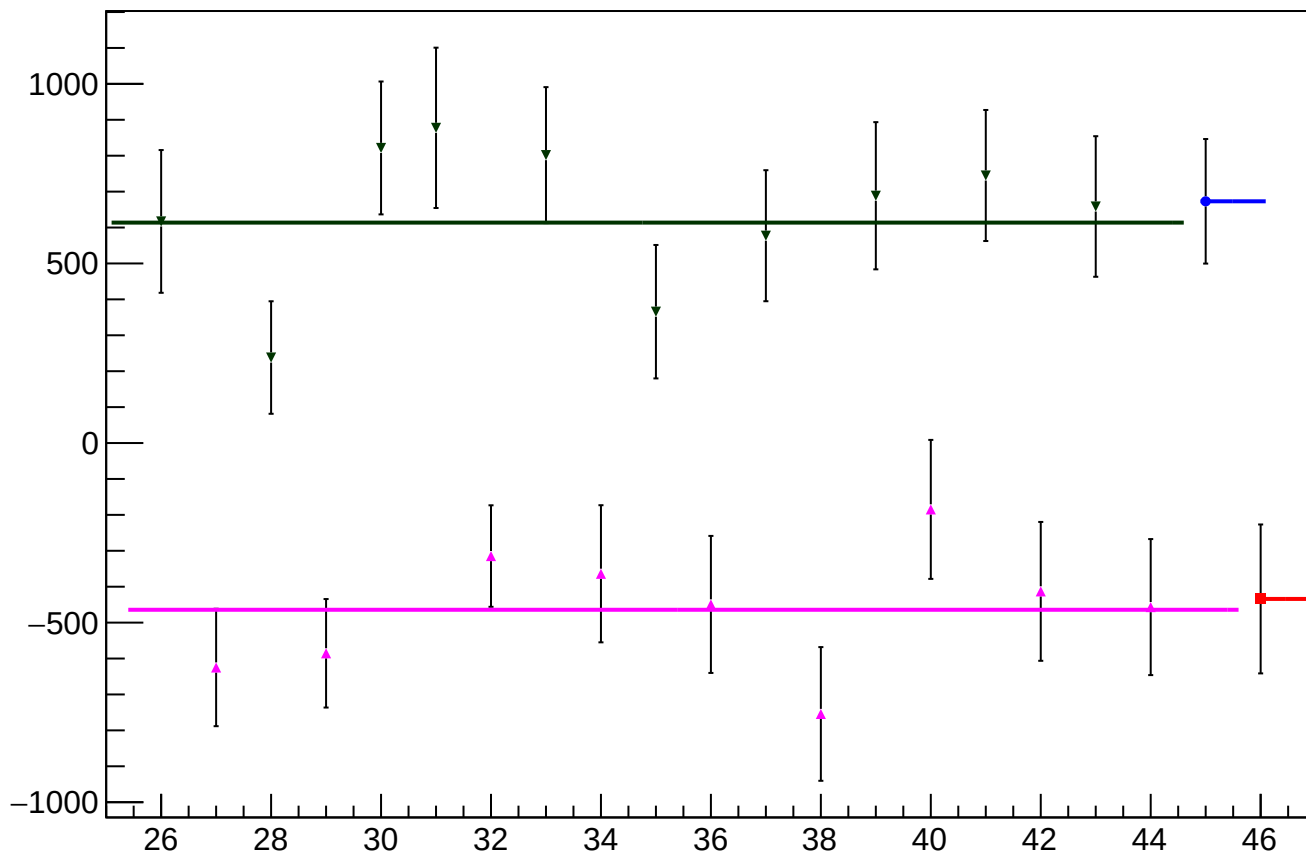
449.752 $\pm$ 0.137 χ^2 /NDF: 167281.3/9

Right Out: 434.889 $\pm$ 0.472 χ^2 /NDF: 0.0/0

442.189 $\pm$ 0.128 χ^2 /NDF: 223764.1/9

Left In: 442.773 $\pm$ 0.134 χ^2 /NDF:223505.8/8

reg_asym_left_avg_mean vs slug



Right In: 673.032 $\pm$ 173.409 χ^2 /NDF: 0.0/0

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

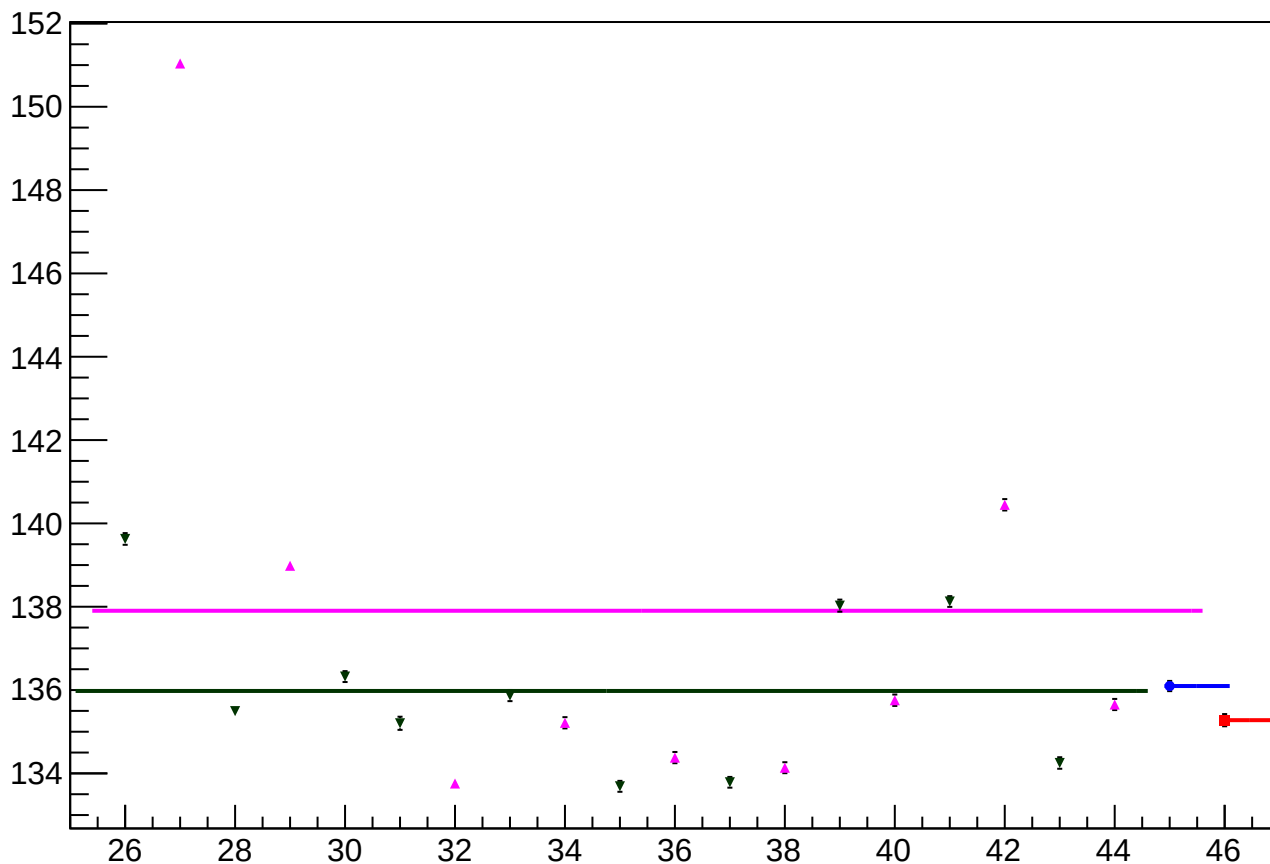
Right Out: -434.061 $\pm$ 207.326 χ^2 /NDF: 0.0/0

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

619.976 $\pm$ 56.296 χ^2 /NDF: 12.0/10

-462.049 $\pm$ 55.926 χ^2 /NDF: 7.6/9

reg_asym_left_avg_rms vs slug



Right In: 136.097+/-0.123 χ^2/NDF : 0.0/0

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

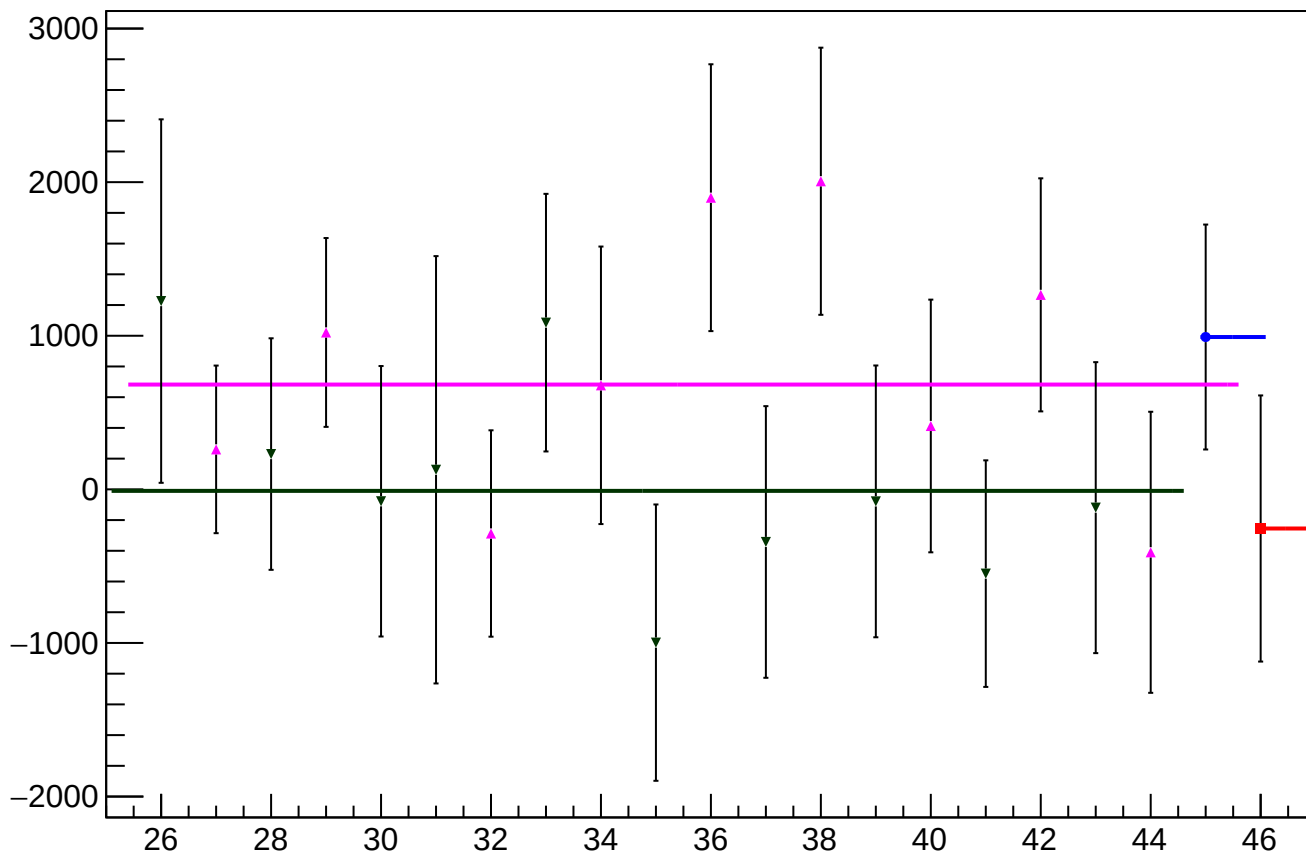
Right Out: 135.277+/-0.147 χ^2/NDF : 0.0/0

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

135.991+/-0.040 χ^2/NDF : 1951.0/10

137.712+/-0.040 χ^2/NDF : 17808.6/9

asym_left_avg_correction_mean vs slug



Right In: 991.746+/-732.179 χ^2/NDF : 0.0/0

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

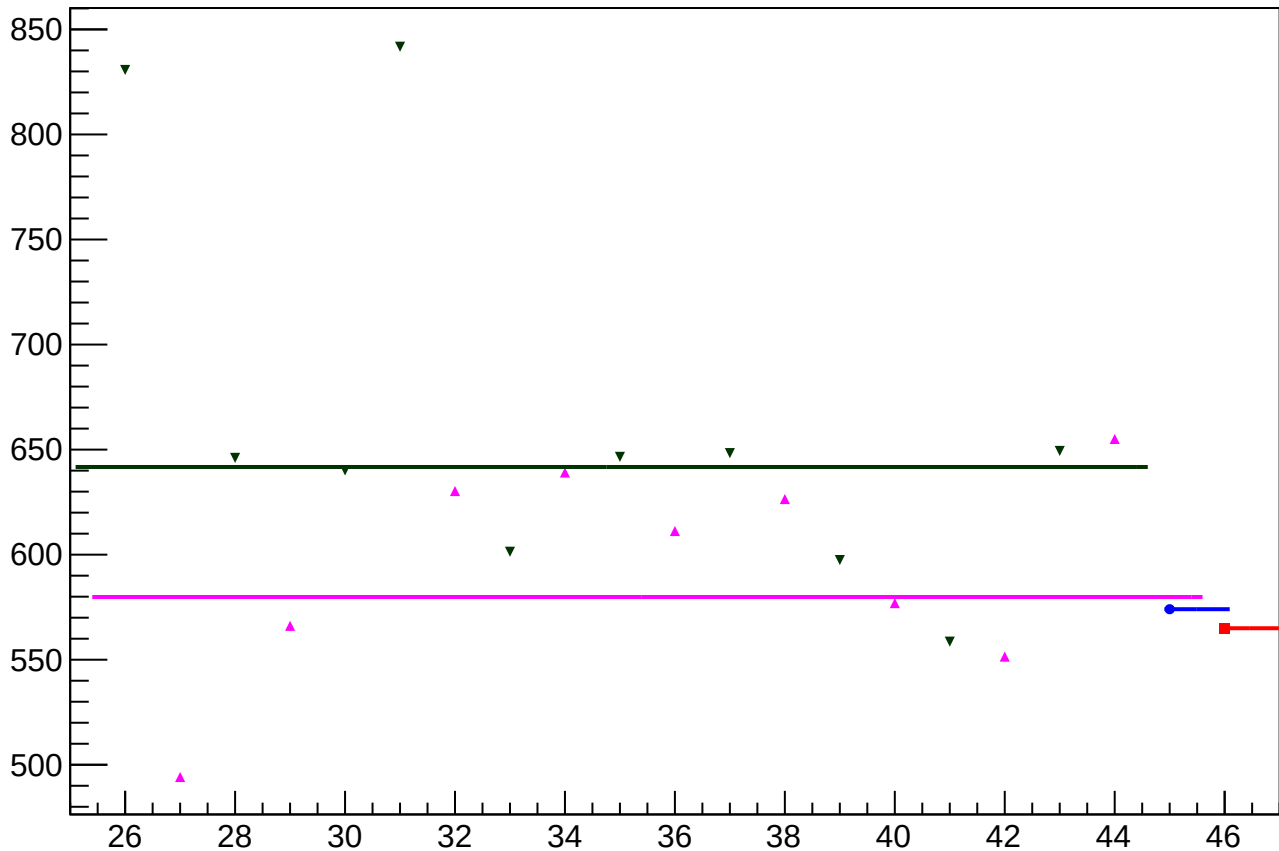
Right Out: -254.879+/-866.333 χ^2/NDF : 0.0/0

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

120.614+/-264.313 χ^2/NDF : 6.4/10

612.253+/-236.779 χ^2/NDF : 10.5/9

asym_left_avg_correction_rms vs slug



Right In: 574.041 $\pm$ 0.518 χ^2 /NDF: 0.0/0

Left Out: 641.730 $\pm$ 0.200 χ^2 /NDF:127789.4/9

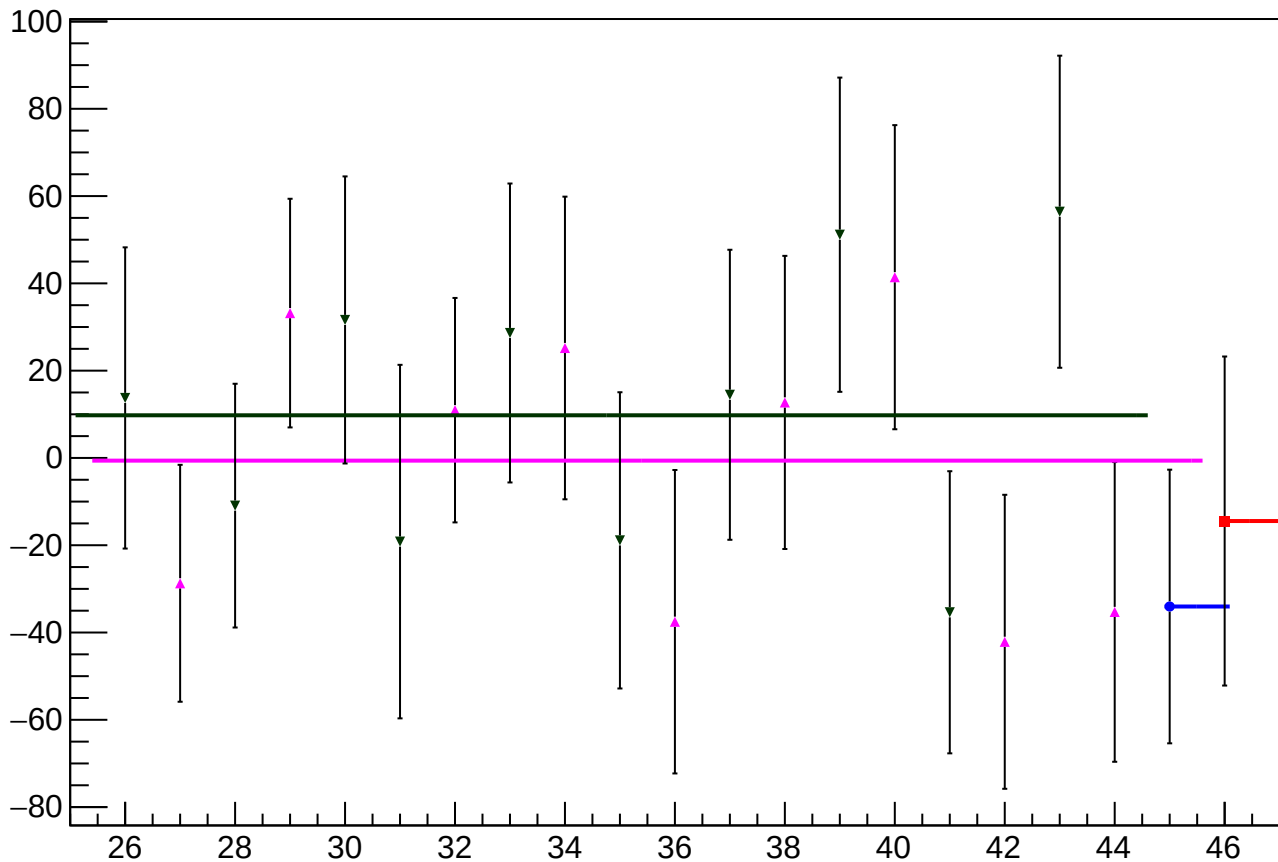
632.909 $\pm$ 0.187 χ^2 /NDF: 142655.3/10

Right Out: 564.979 $\pm$ 0.613 χ^2 /NDF: 0.0/0

578.733 $\pm$ 0.167 χ^2 /NDF: 95427.2/9

Left In: 579.843 $\pm$ 0.174 χ^2 /NDF:94882.5/8

reg_asym_left_dd_mean vs slug



Right In: -34.040 ± 31.349 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 9.773 ± 10.664 $\chi^2/\text{NDF}: 7.5/9$

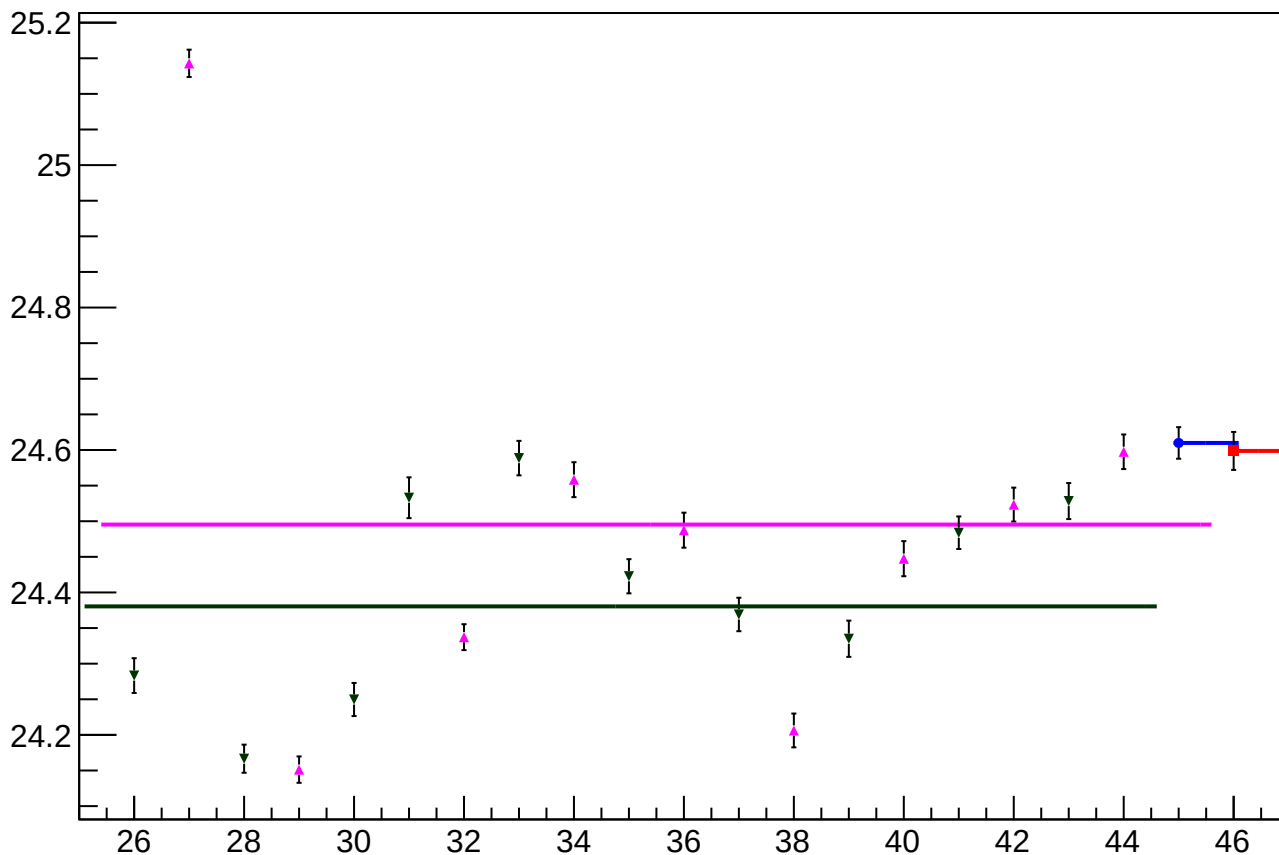
Right Out: -14.454 ± 37.695 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.617 ± 10.300 $\chi^2/\text{NDF}: 8.8/8$

5.230 ± 10.096 $\chi^2/\text{NDF}: 9.3/10$

-1.578 ± 9.935 $\chi^2/\text{NDF}: 8.9/9$

reg_asym_left_dd_rms vs slug



Right In: 24.610 $\pm$ 0.022 χ^2 /NDF: 0.0/0

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

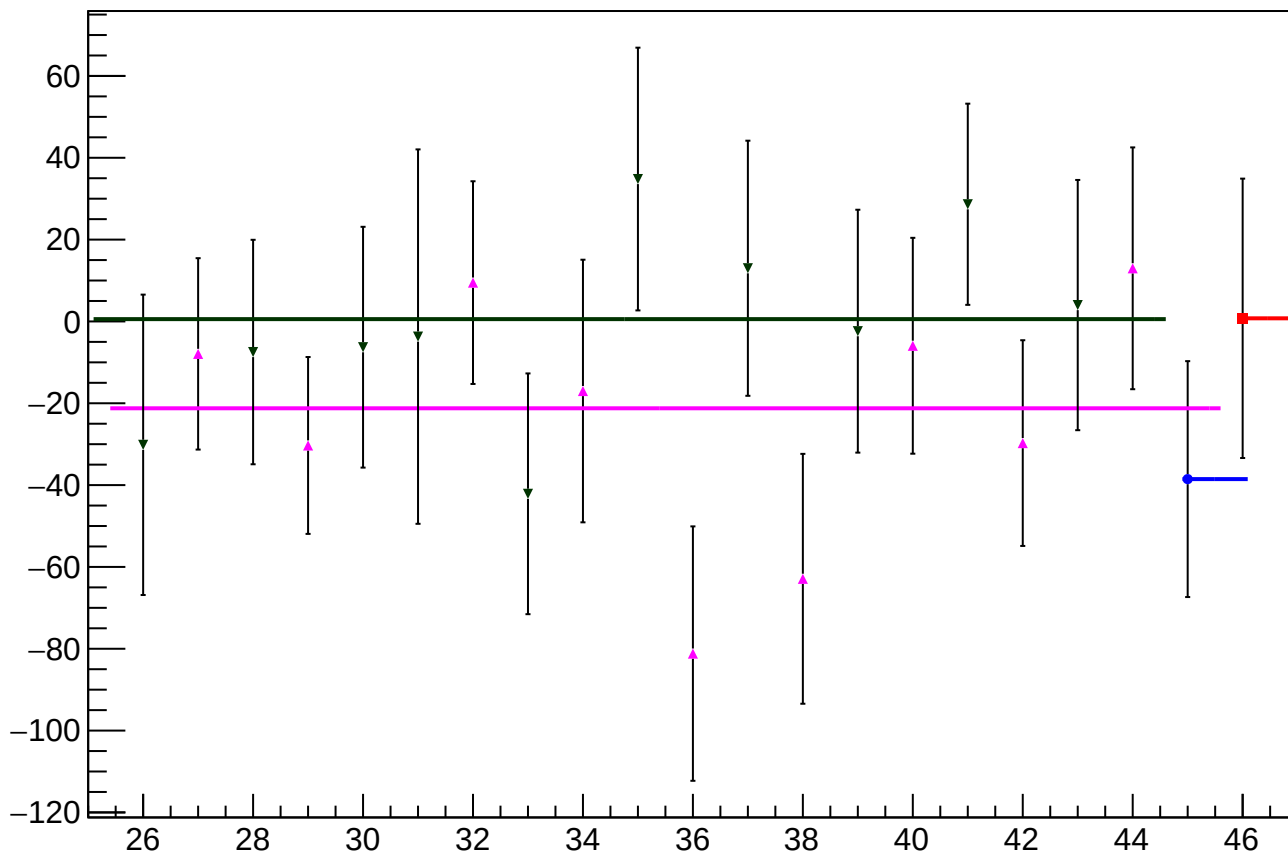
Right Out: 24.599 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

24.404 $\pm$ 0.007 χ^2 /NDF: 424.3/10

24.502 $\pm$ 0.007 χ^2 /NDF: 1750.8/9

asym_left_dd_correction_mean vs slug



Right In: -38.534 $\pm$ 28.828 χ^2 /NDF: 0.0/0

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

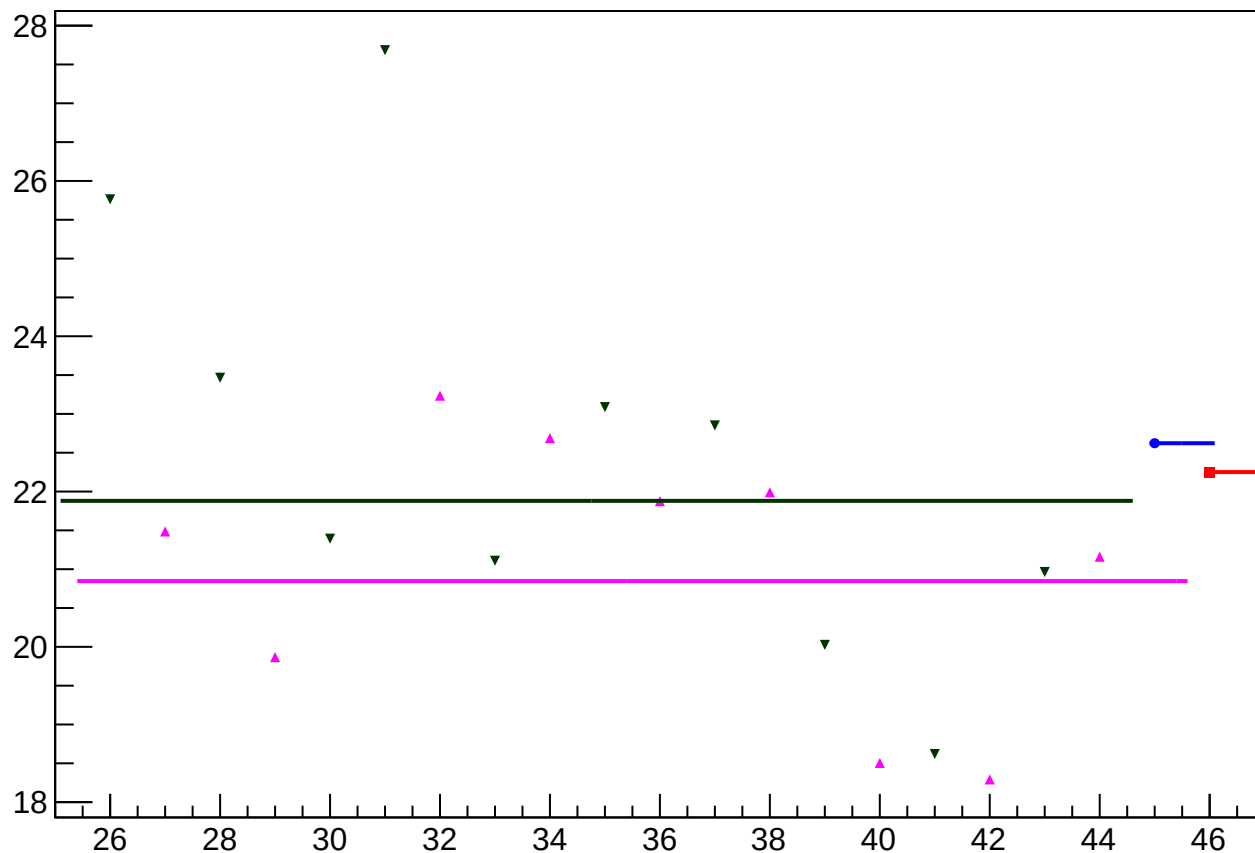
Right Out: 0.761 $\pm$ 34.142 χ^2 /NDF: 0.0/0

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

-3.382 $\pm$ 9.159 χ^2 /NDF: 7.2/10

-19.852 $\pm$ 8.544 χ^2 /NDF: 9.8/9

asym_left_dd_correction_rms vs slug



Right In: 22.622+/-0.020 χ^2/NDF : 0.0/0

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

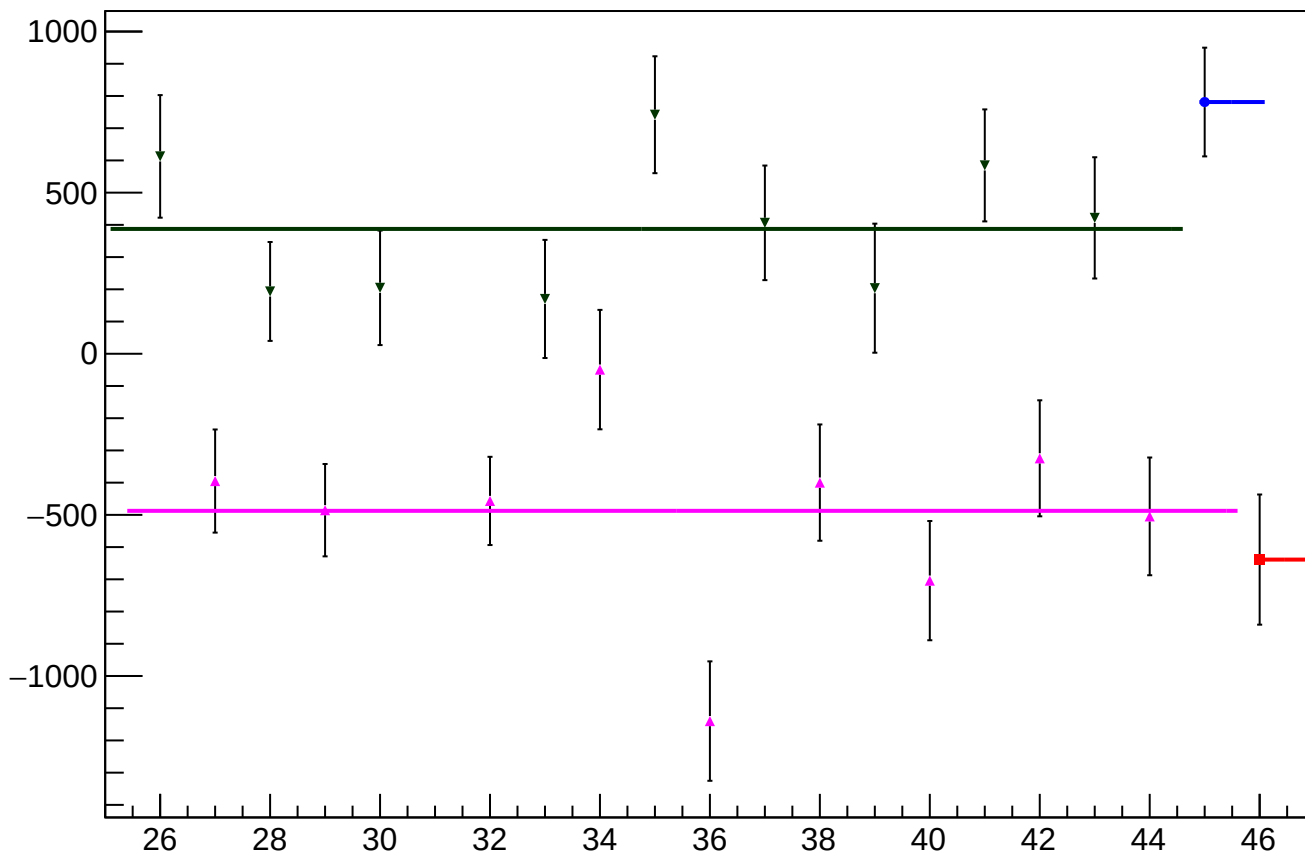
Right Out: 22.251+/-0.024 χ^2/NDF : 0.0/0

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

21.955+/-0.006 χ^2/NDF : 113906.5/10

20.935+/-0.006 χ^2/NDF : 75578.8/9

reg_asym_right_avg_mean vs slug



Right In: 781.225 $\pm$ 168.693 χ^2 /NDF: 0.0/0

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

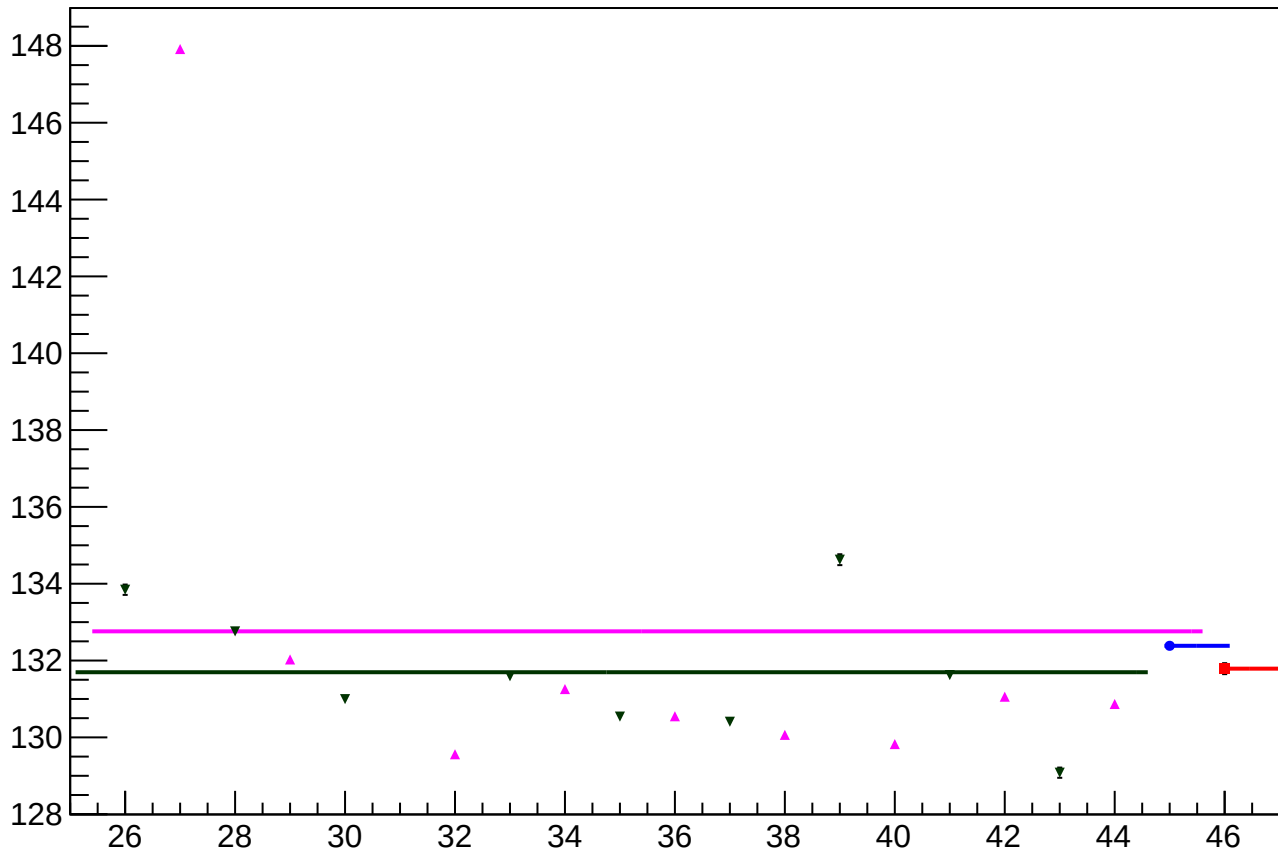
Right Out: -638.767 $\pm$ 201.979 χ^2 /NDF: 0.0/0

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

431.349 $\pm$ 56.345 χ^2 /NDF: 16.3/9

-498.232 $\pm$ 53.870 χ^2 /NDF: 21.3/9

reg_asym_right_avg_rms vs slug



Right In: 132.384+/-0.119 χ^2/NDF : 0.0/0

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

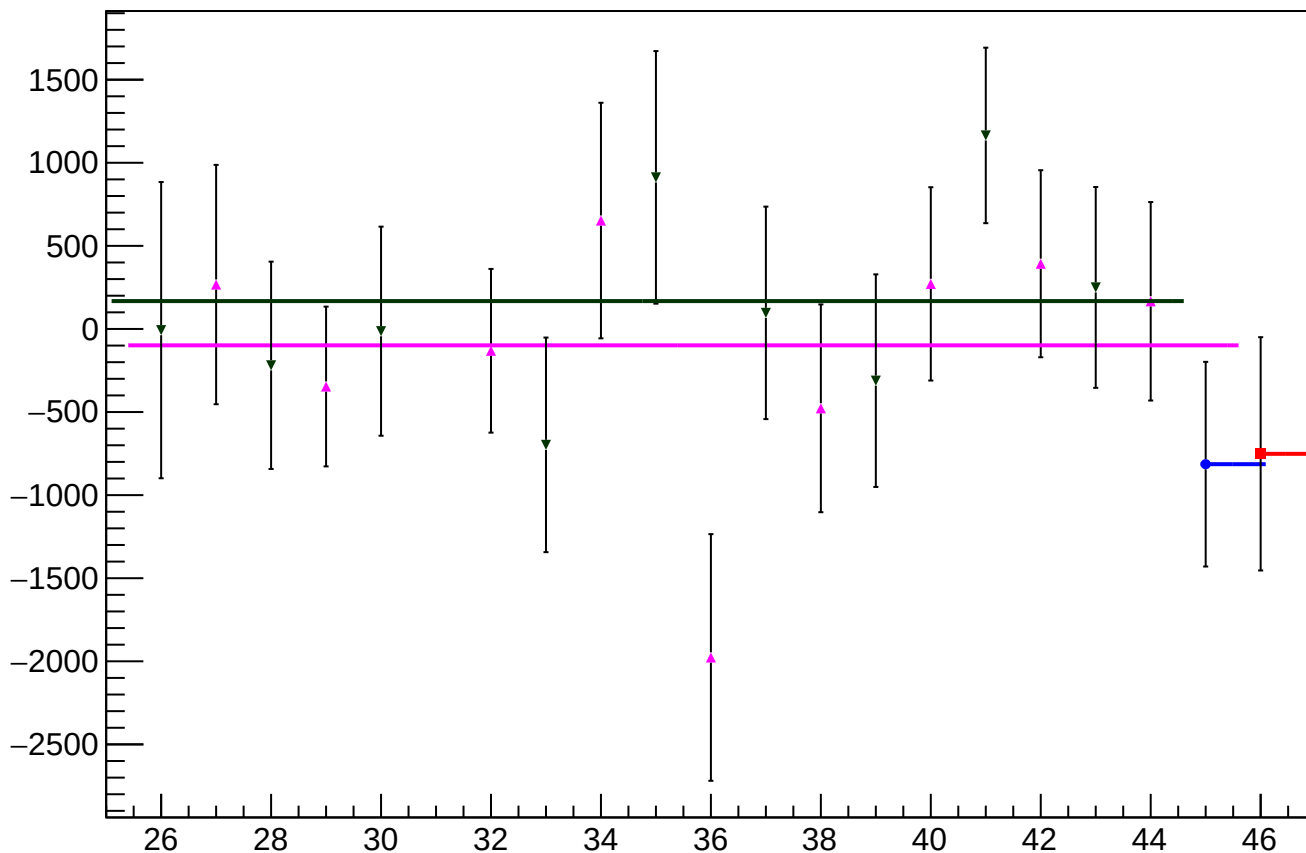
Right Out: 131.789+/-0.143 χ^2/NDF : 0.0/0

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

131.773+/-0.040 χ^2/NDF : 1413.0/9

132.691+/-0.038 χ^2/NDF : 20890.9/9

asym_right_avg_correction_mean vs slug



Right In: -813.806+/-615.809 χ^2/NDF : 0.0/0

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

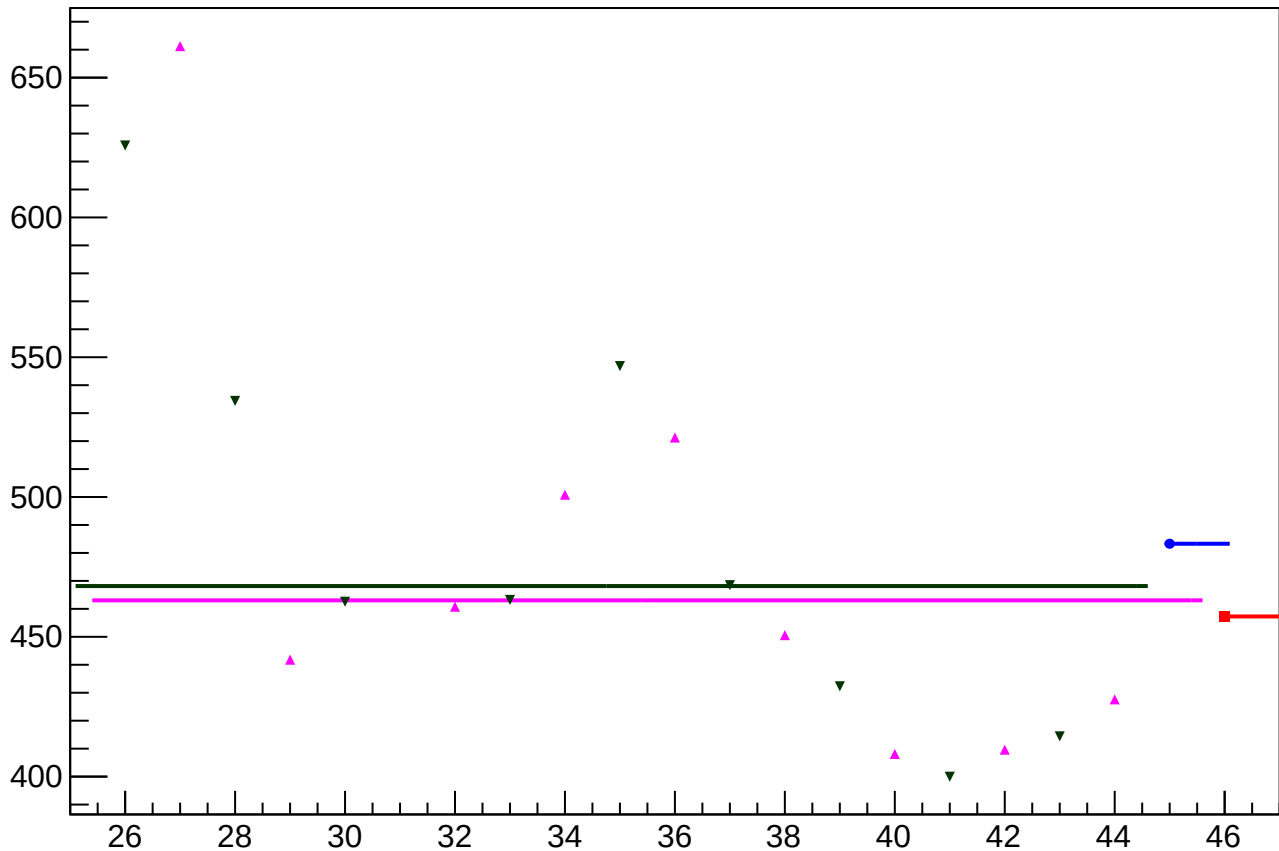
Right Out: -751.502+/-701.951 χ^2/NDF : 0.0/0

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

61.312+/-202.707 χ^2/NDF : 9.7/9

-146.489+/-190.045 χ^2/NDF : 10.6/9

asym_right_avg_correction_rms vs slug



Right In: 483.291+/-0.435 χ^2/NDF : 0.0/0

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

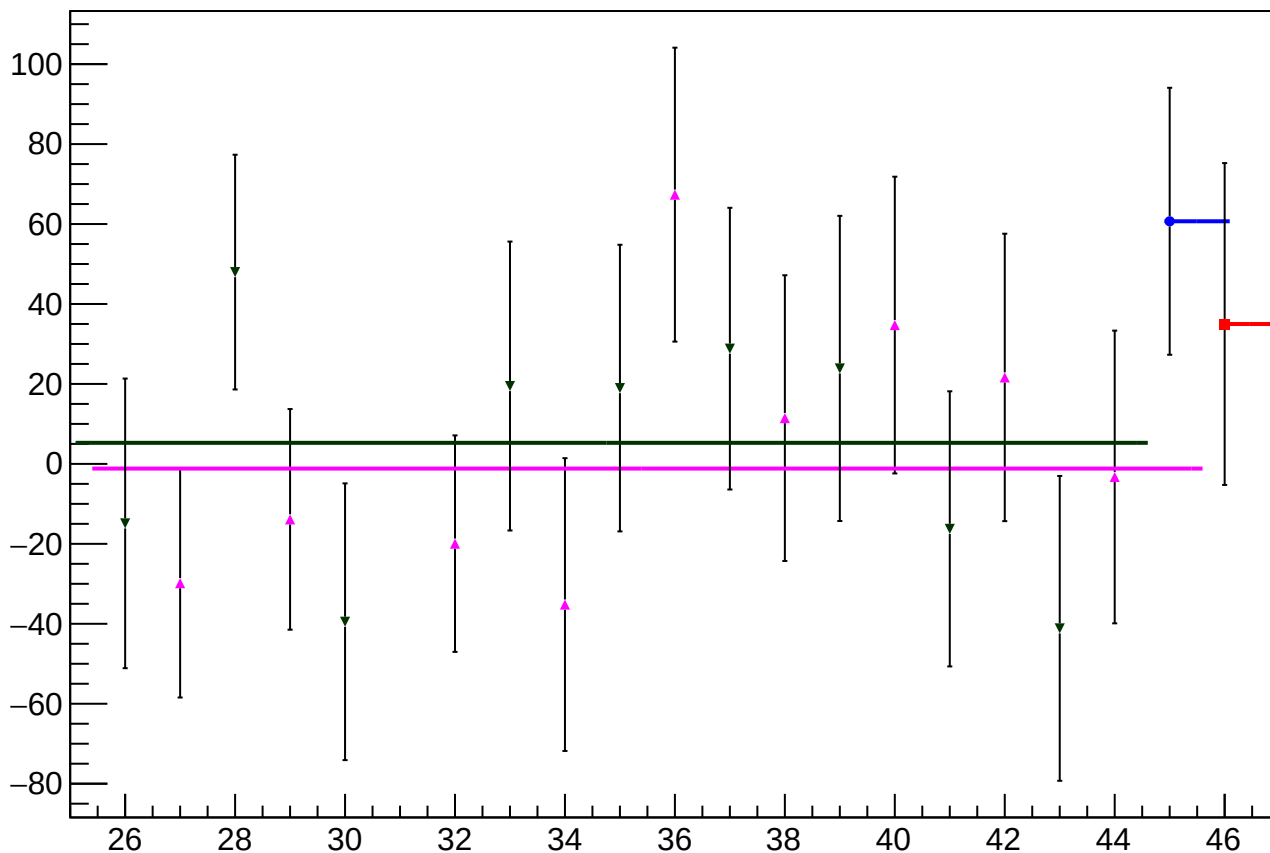
469.793+/-0.143 χ^2/NDF : 163308.7/9

Right Out: 457.278+/-0.496 χ^2/NDF : 0.0/0

462.621+/-0.134 χ^2/NDF : 217272.7/9

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

reg_asym_right_dd_mean vs slug



Right In: 60.689+/-33.393 χ^2/NDF : 0.0/0

Left Out: 5.270+/-11.684 χ^2/NDF : 7.0/8

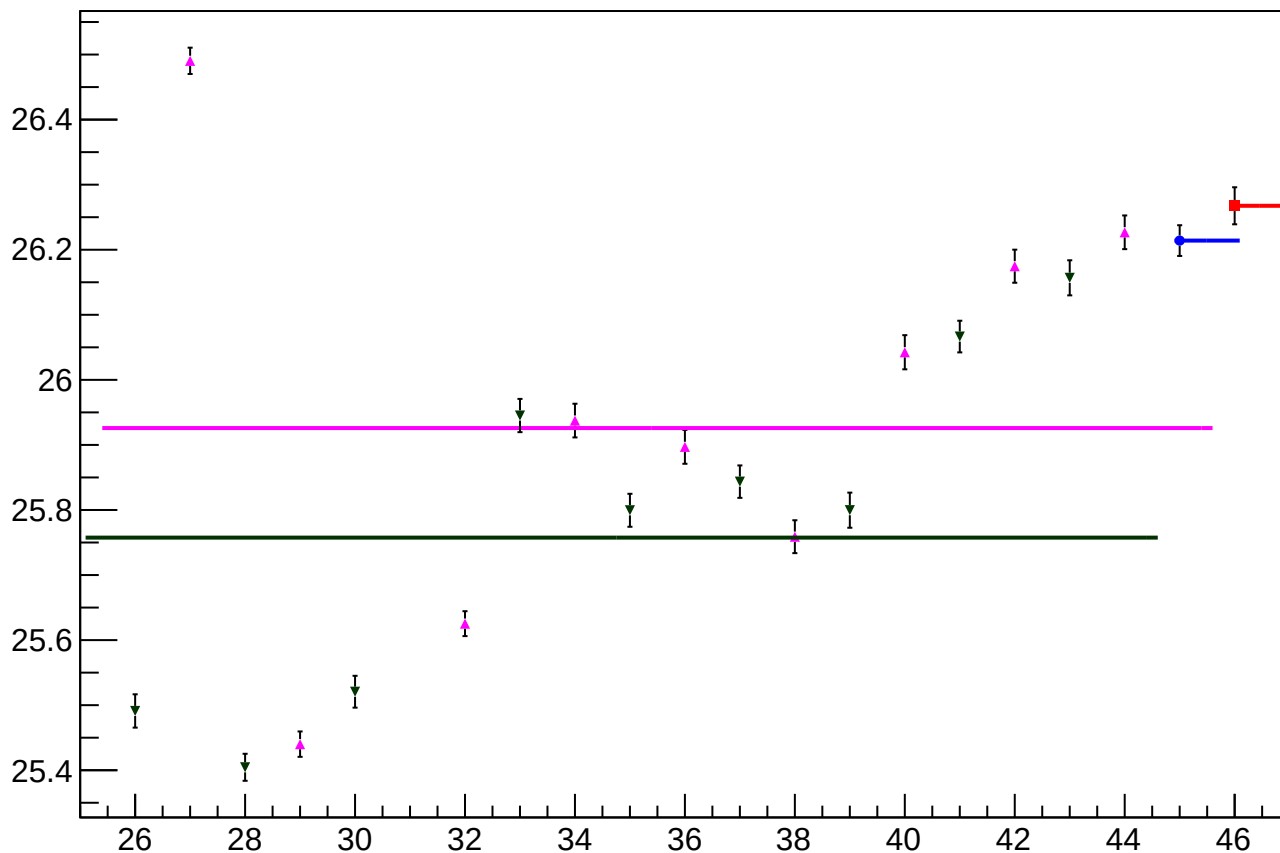
Right Out: 34.991+/-40.254 χ^2/NDF : 0.0/0

Left In: -1.172+/-10.902 χ^2/NDF : 7.5/8

11.315+/-11.029 χ^2/NDF : 9.4/9

1.299+/-10.523 χ^2/NDF : 8.3/9

reg_asym_right_dd_rms vs slug



Right In: 26.214 $\pm$ 0.024 χ^2 /NDF: 0.0/0

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

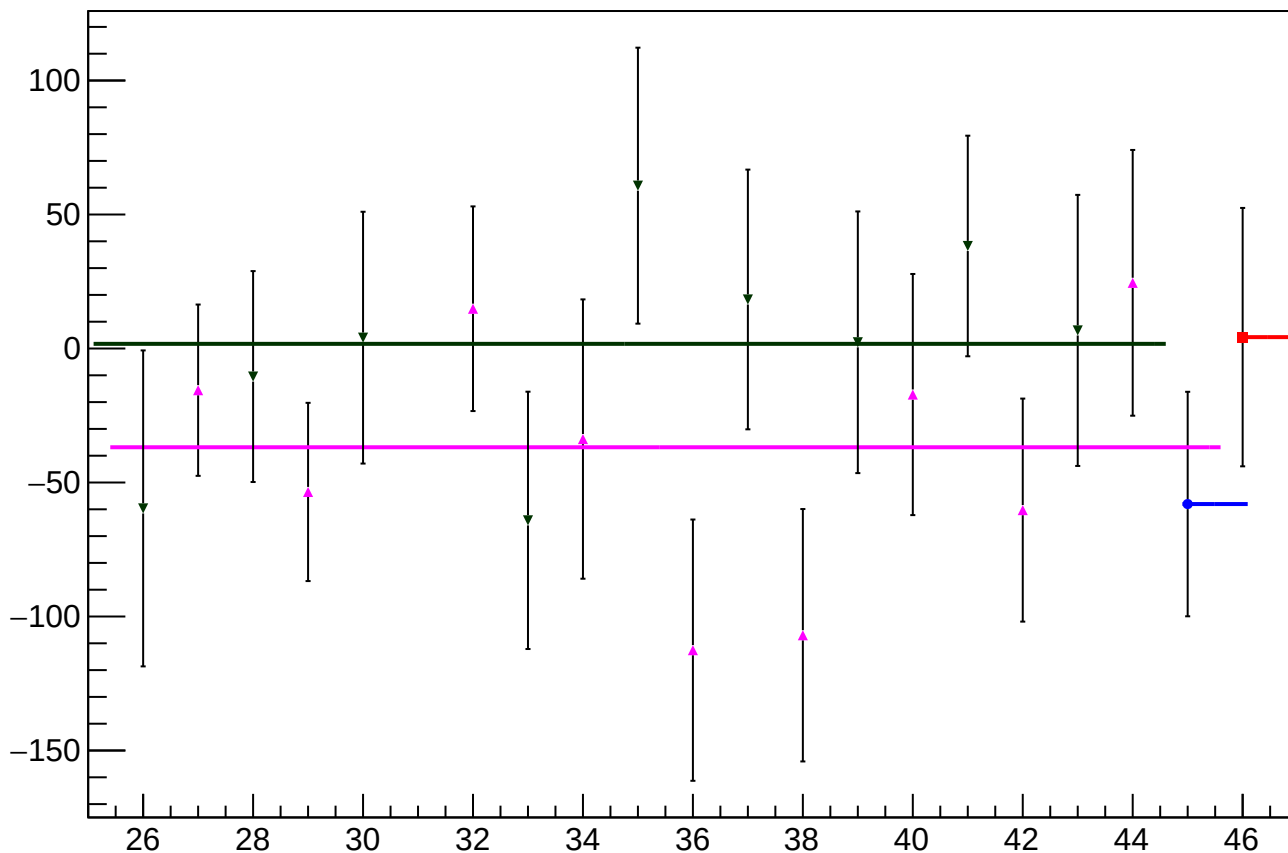
Right Out: 26.268 $\pm$ 0.028 χ^2 /NDF: 0.0/0

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

25.807 $\pm$ 0.008 χ^2 /NDF: 1275.7/9

25.949 $\pm$ 0.007 χ^2 /NDF: 2075.1/9

asym_right_dd_correction_mean vs slug



Right In: -58.036 $\pm$ 41.887 χ^2 /NDF: 0.0/0

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

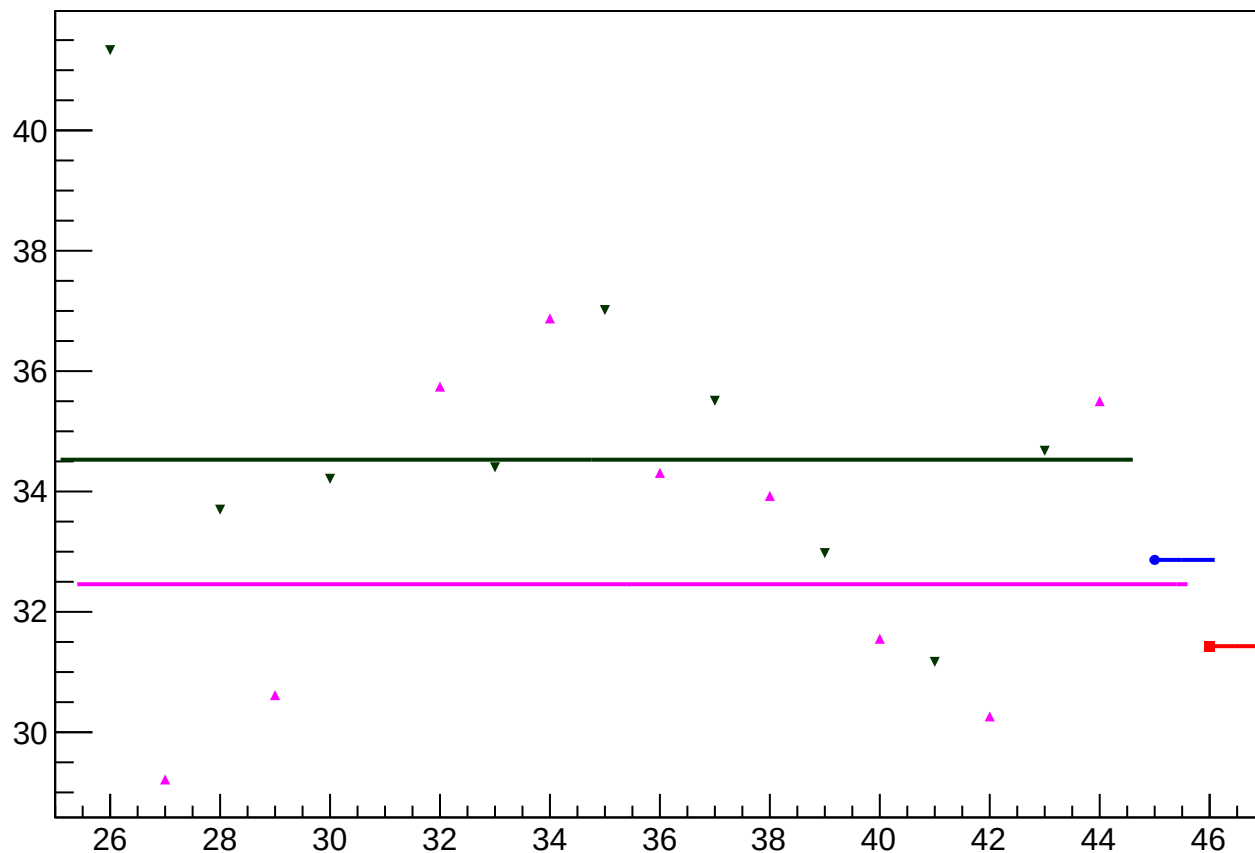
Right Out: 4.246 $\pm$ 48.209 χ^2 /NDF: 0.0/0

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

-5.676 $\pm$ 14.753 χ^2 /NDF: 7.1/9

-33.757 $\pm$ 13.225 χ^2 /NDF: 9.9/9

asym_right_dd_correction_rms vs slug



Right In: 32.864 ± 0.030 $\chi^2/\text{NDF}: 0.0/0$

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

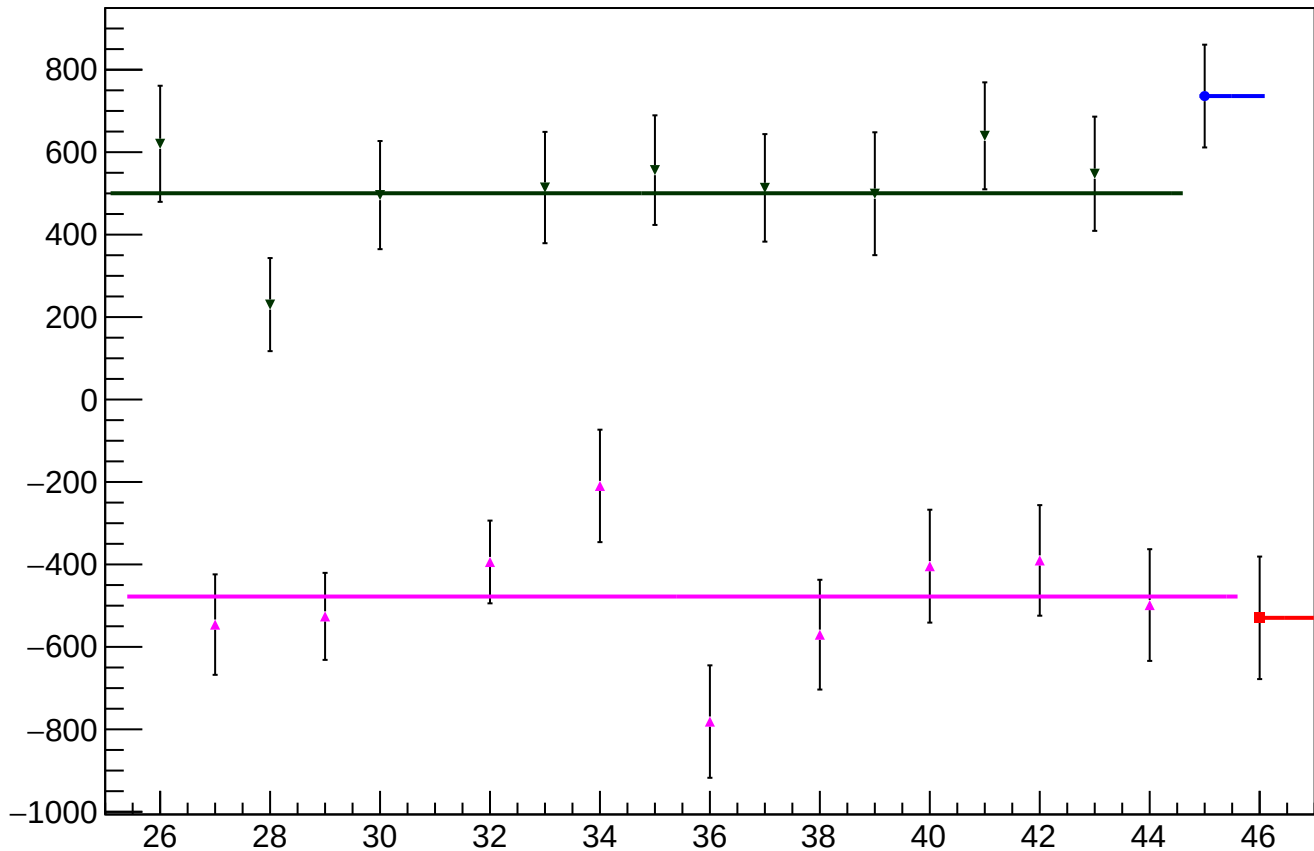
Right Out: 31.430 ± 0.034 $\chi^2/\text{NDF}: 0.0/0$

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

34.322 ± 0.010 $\chi^2/\text{NDF}: 51254.4/9$

32.382 ± 0.009 $\chi^2/\text{NDF}: 75479.7/9$

reg_asym_us_avg_mean vs slug



Right In: 736.104 $\pm$ 124.658 χ^2/NDF : 0.0/0

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

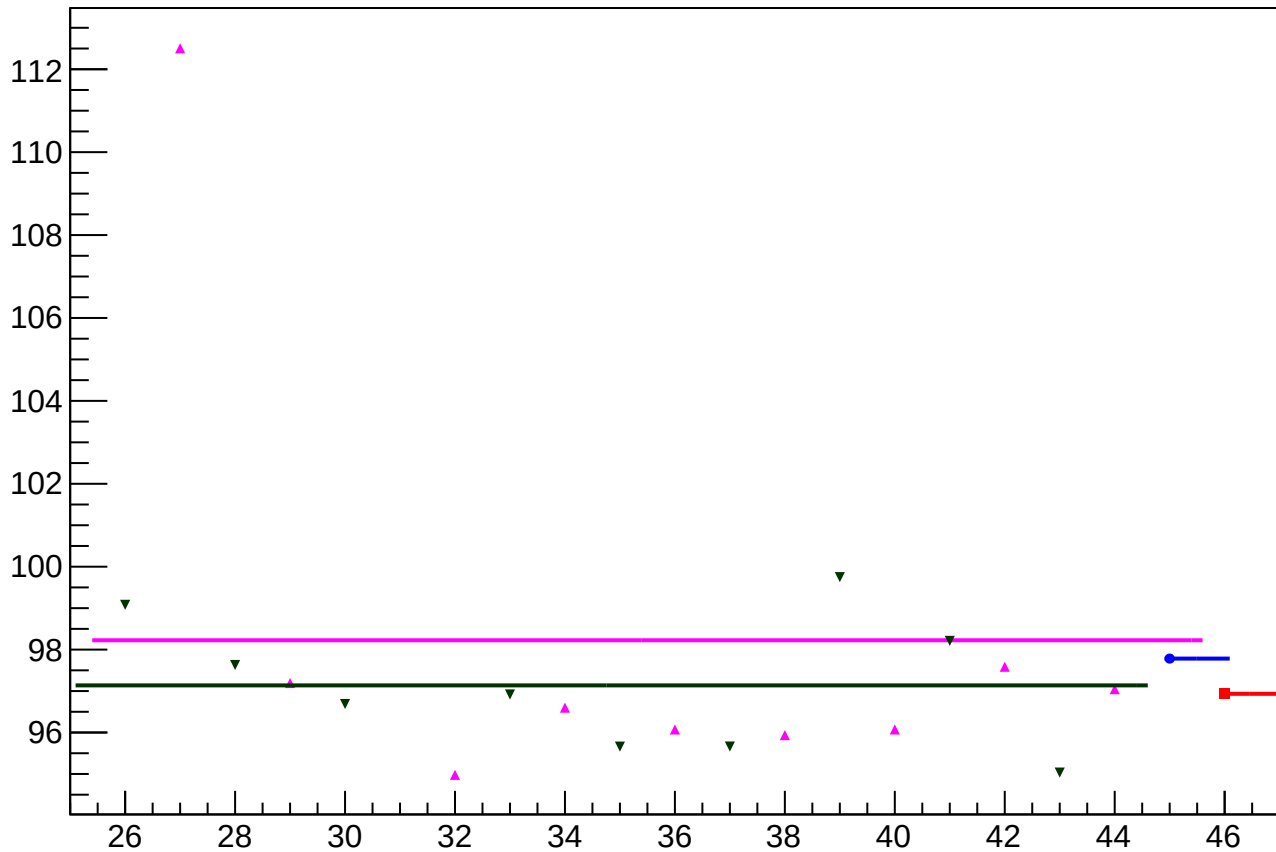
526.596 $\pm$ 41.588 χ^2/NDF : 11.1/9

Right Out: -529.525 $\pm$ 148.600 χ^2/NDF : 0.0/0

-481.584 $\pm$ 39.871 χ^2/NDF : 11.4/9

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

reg_asym_us_avg_rms vs slug



Right In: 97.783+/-0.088 χ^2/NDF : 0.0/0

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

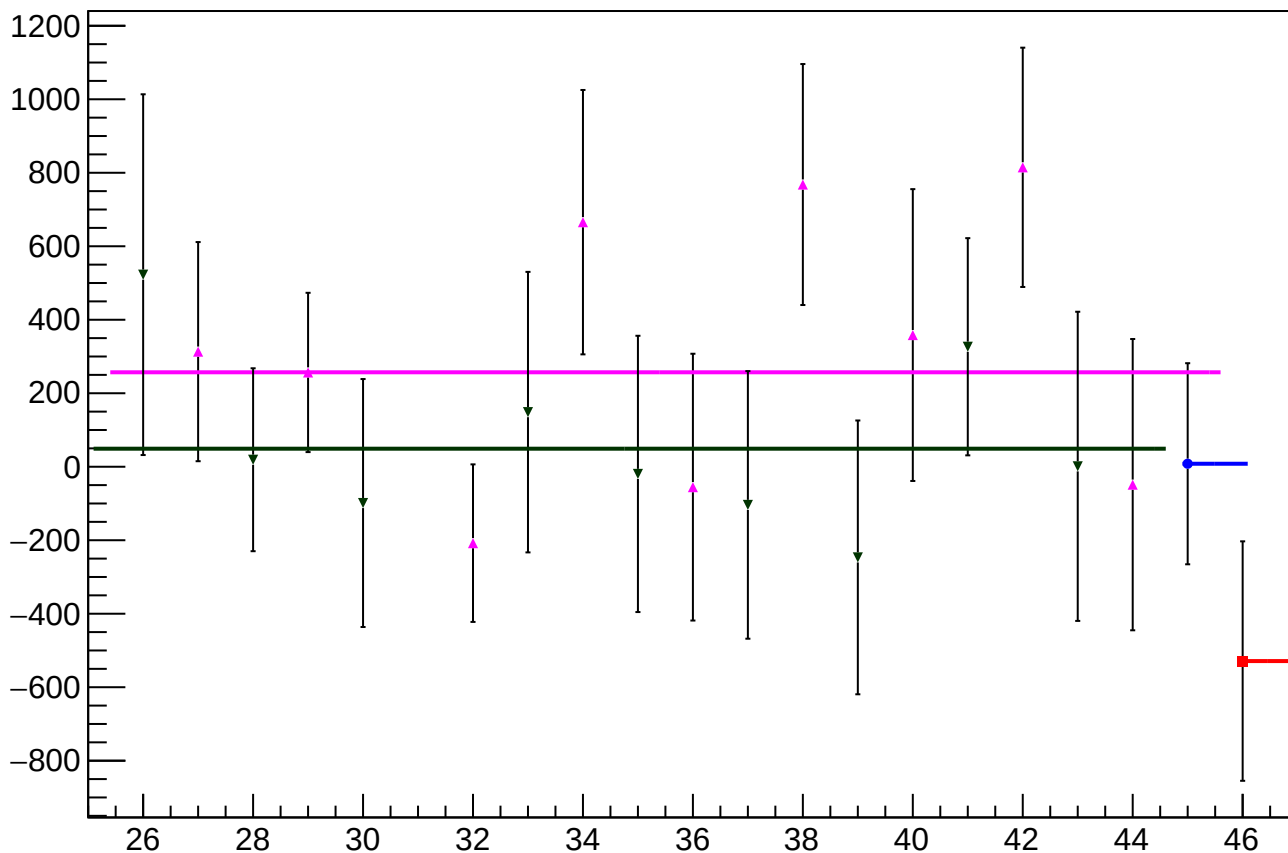
97.209+/-0.029 χ^2/NDF : 2210.5/9

Right Out: 96.933+/-0.105 χ^2/NDF : 0.0/0

98.132+/-0.028 χ^2/NDF : 31957.7/9

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

asym_us_avg_correction_mean vs slug



Right In: 8.136+/-273.624 χ^2/NDF : 0.0/0

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

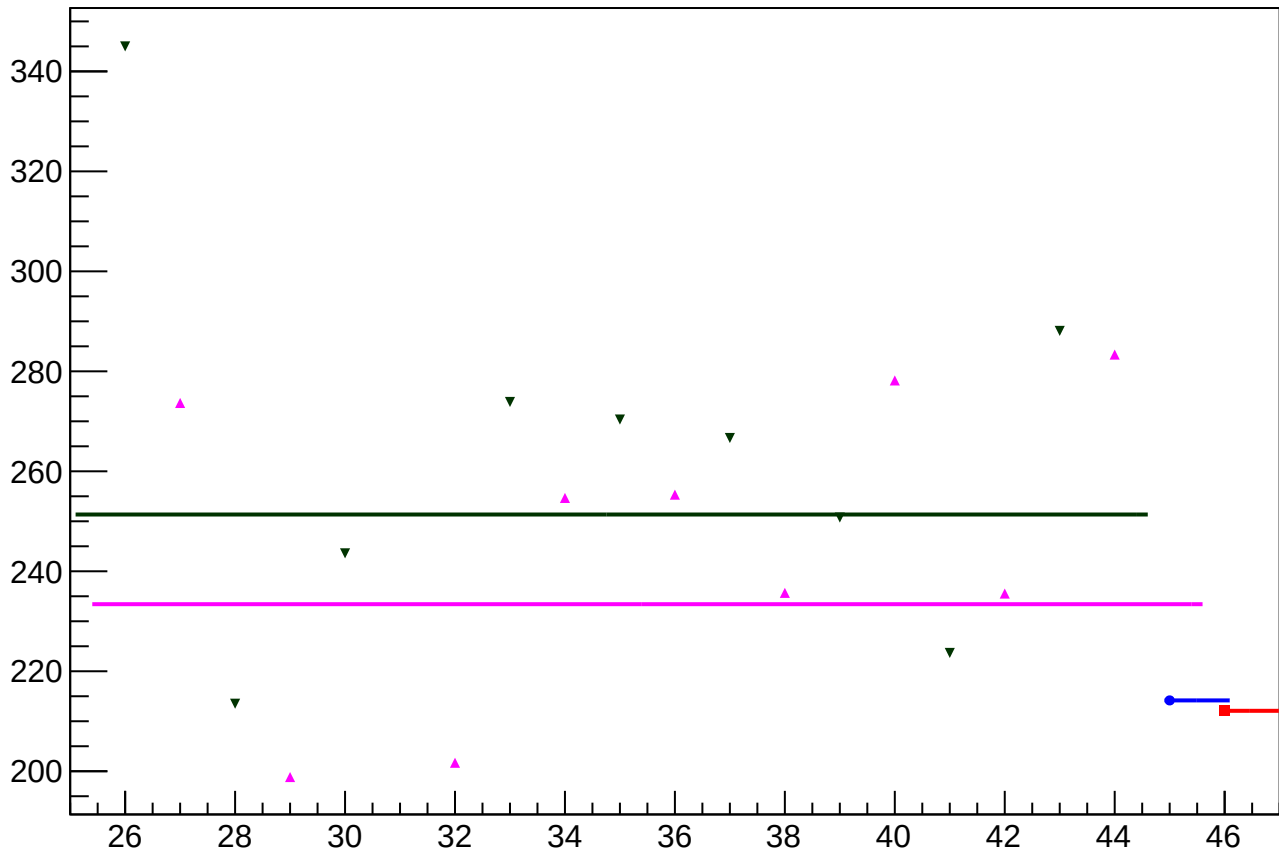
Right Out: -528.841+/-325.826 χ^2/NDF : 0.0/0

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

42.894+/-106.469 χ^2/NDF : 3.0/9

190.027+/-95.144 χ^2/NDF : 18.1/9

asym_us_avg_correction_rms vs slug



Right In: 214.169 ± 0.193 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 251.356 ± 0.082 $\chi^2/\text{NDF}: 168505.5/8$

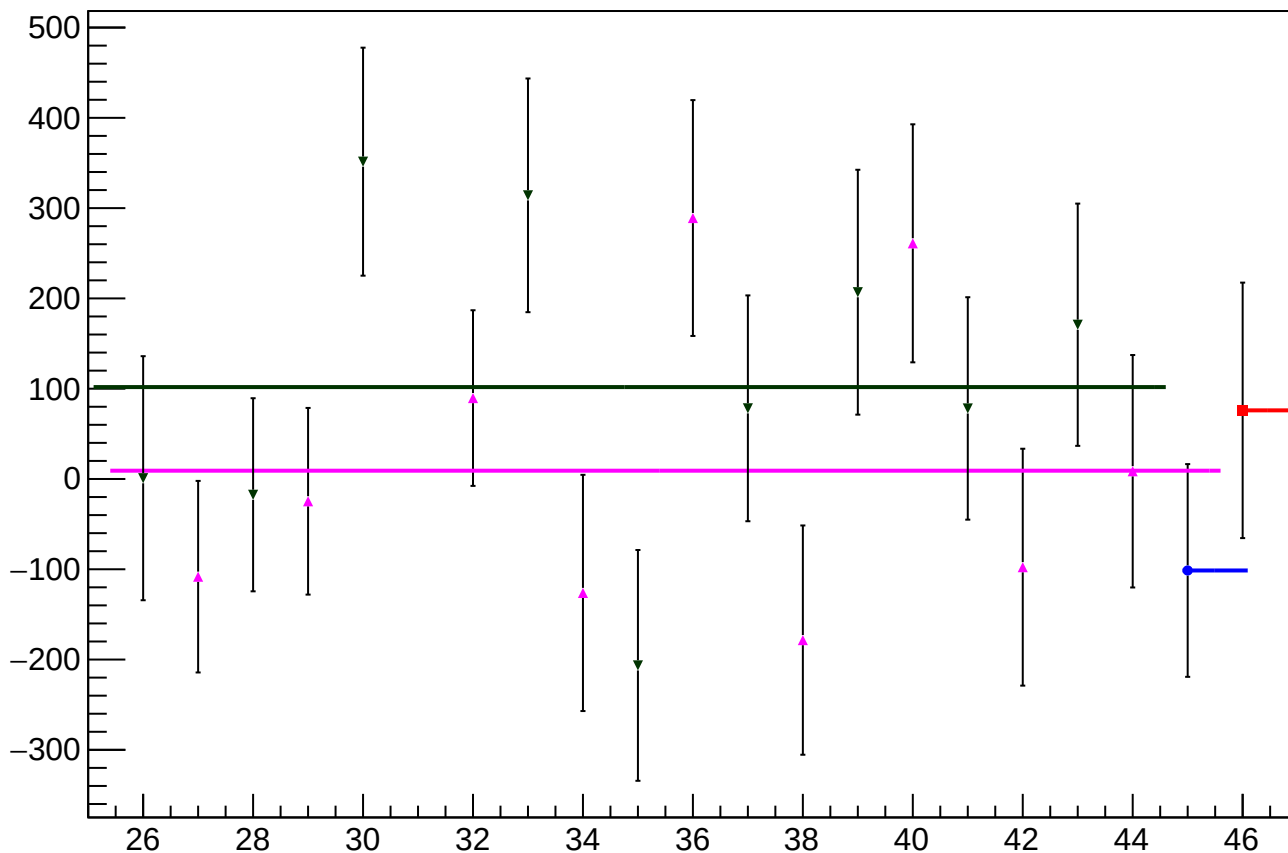
245.726 ± 0.075 $\chi^2/\text{NDF}: 199853.8/9$

Right Out: 212.087 ± 0.230 $\chi^2/\text{NDF}: 0.0/0$

231.598 ± 0.067 $\chi^2/\text{NDF}: 210581.9/9$

Left In: 233.417 ± 0.070 $\chi^2/\text{NDF}: 202742.1/8$

reg_asym_us_dd_mean vs slug



Right In: -101.338 $\pm$ 117.818 χ^2/NDF : 0.0/0

Left Out: 101.794 $\pm$ 42.049 χ^2/NDF : 15.2/8

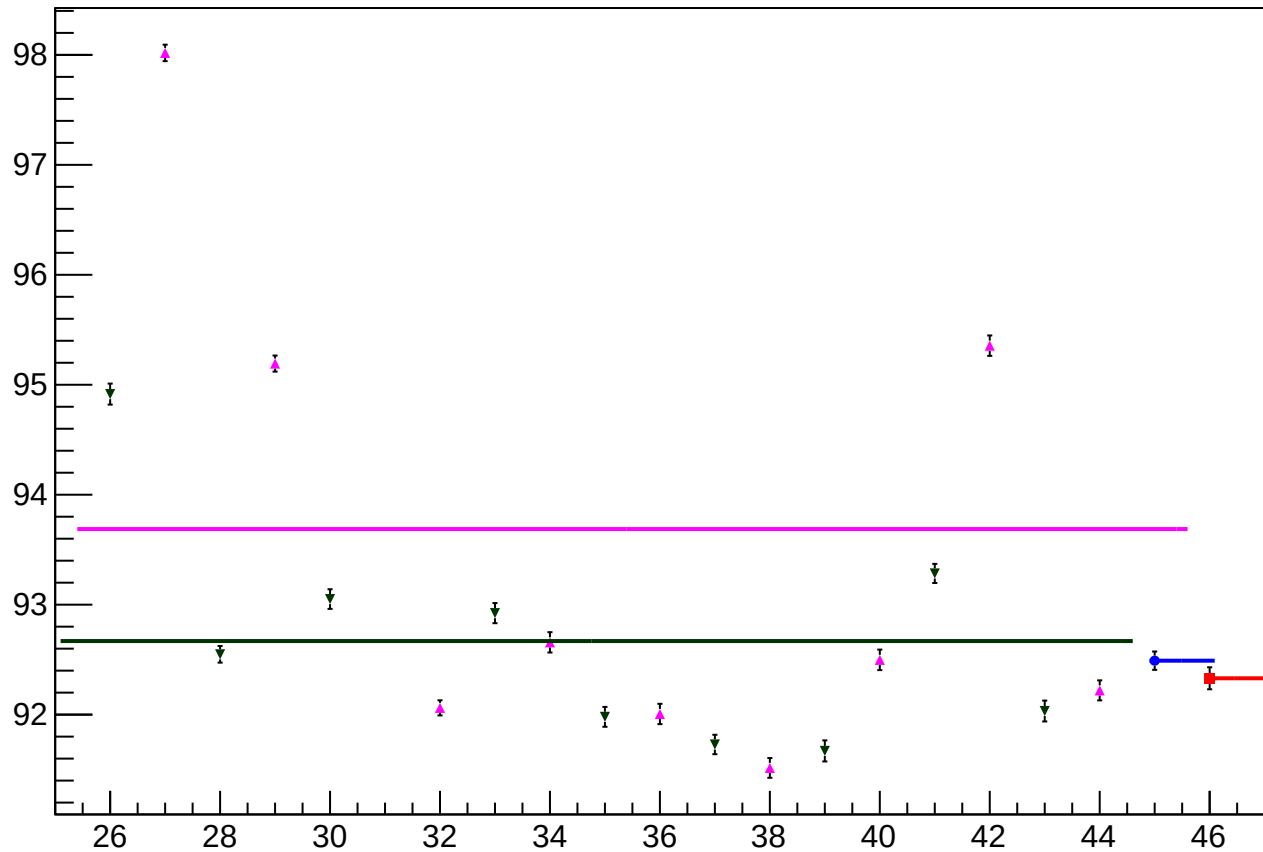
Right Out: 76.006 $\pm$ 141.489 χ^2/NDF : 0.0/0

Left In: 9.181 $\pm$ 39.431 χ^2/NDF : 14.2/8

78.844 $\pm$ 39.602 χ^2/NDF : 17.8/9

13.997 $\pm$ 37.983 χ^2/NDF : 14.4/9

reg_asym_us_dd_rms vs slug



Right In: 92.491+/-0.083 χ^2/NDF : 0.0/0

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

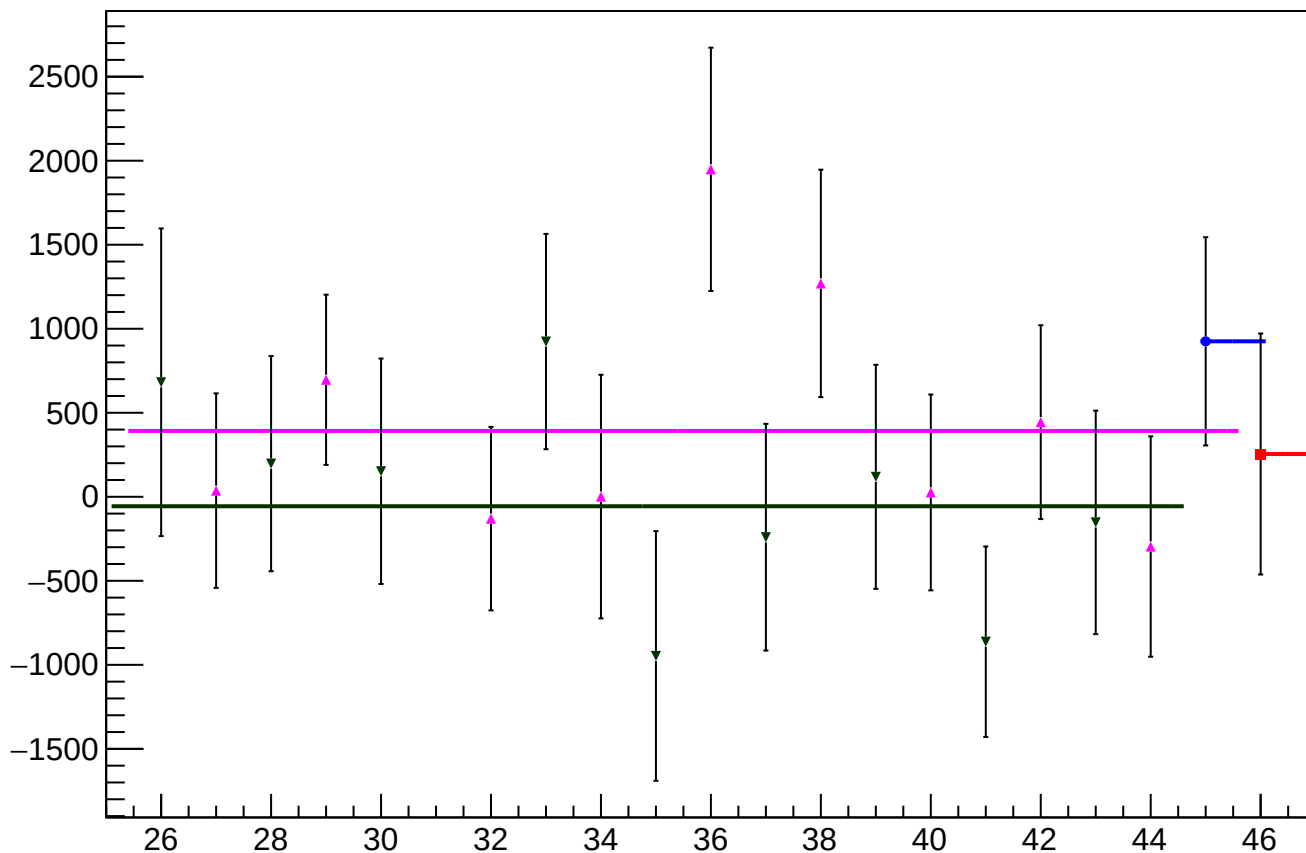
Right Out: 92.331+/-0.100 χ^2/NDF : 0.0/0

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

92.649+/-0.028 χ^2/NDF : 959.6/9

93.590+/-0.027 χ^2/NDF : 6272.9/9

asym_us_dd_correction_mean vs slug



Right In: 925.253+/-619.566 χ^2/NDF : 0.0/0

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

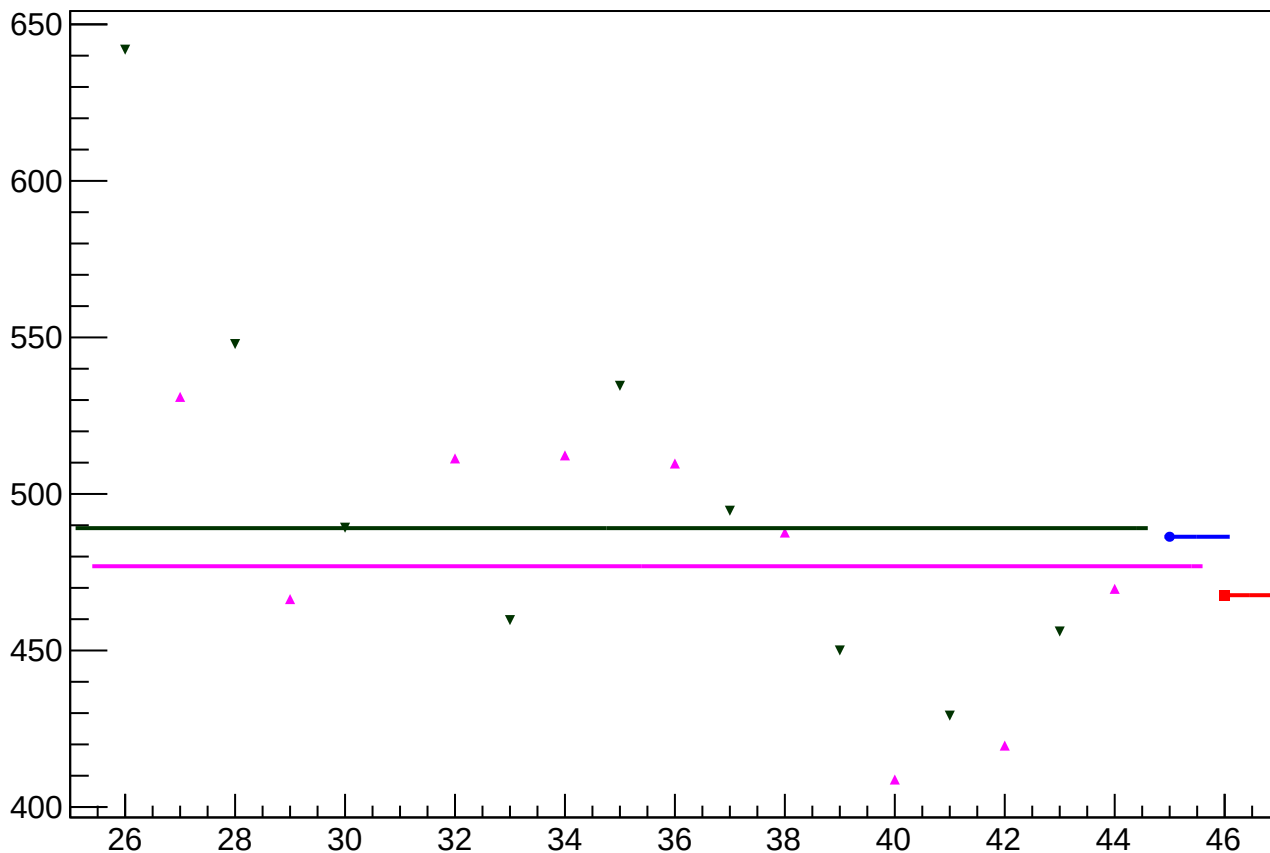
Right Out: 254.593+/-717.041 χ^2/NDF : 0.0/0

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

57.166+/-210.667 χ^2/NDF : 9.1/9

381.755+/-194.436 χ^2/NDF : 9.8/9

asym_us_dd_correction_rms vs slug



Right In: 486.332+/-0.438 χ^2/NDF : 0.0/0

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

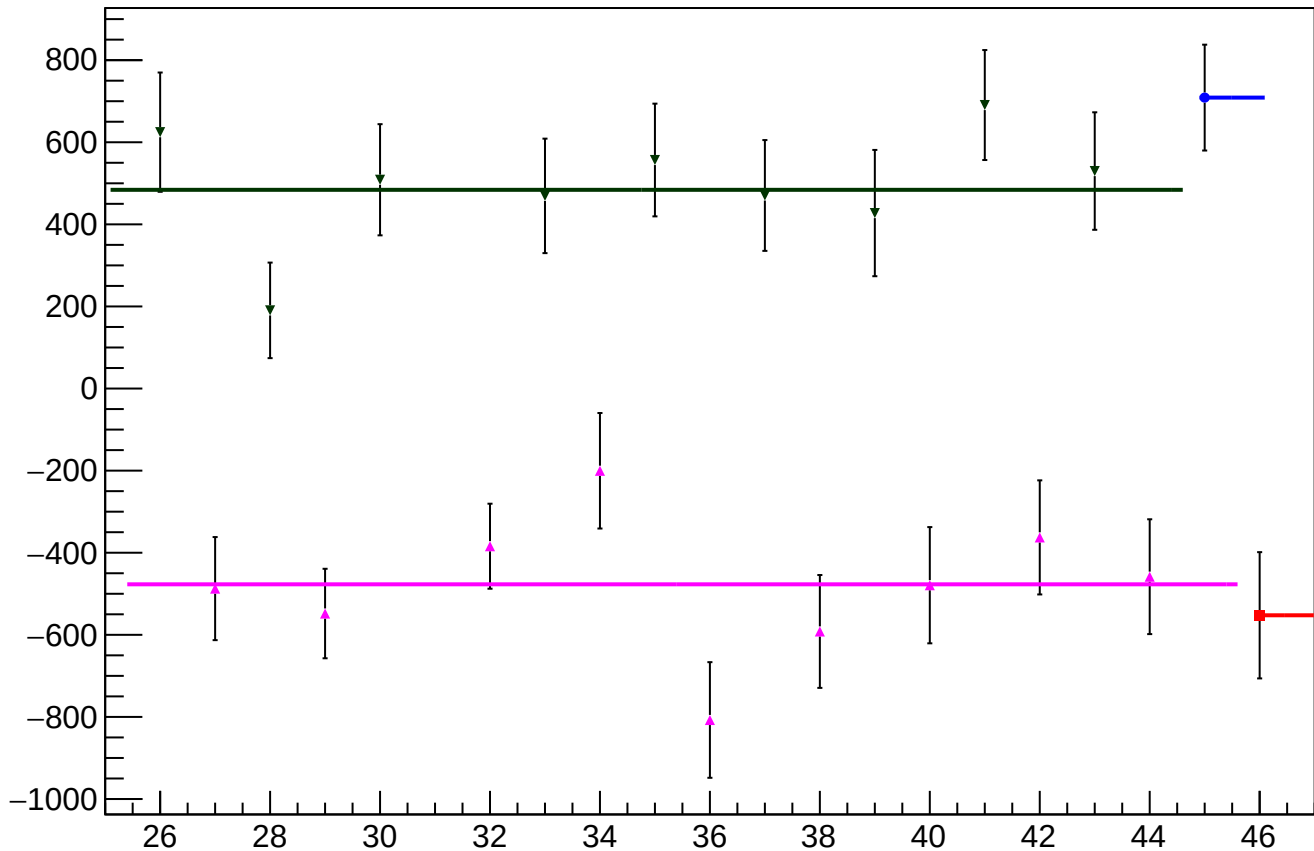
Right Out: 467.664+/-0.507 χ^2/NDF : 0.0/0

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

488.763+/-0.149 χ^2/NDF : 118611.2/9

476.233+/-0.137 χ^2/NDF : 83287.6/9

reg_asym_ds_avg_mean vs slug



Right In: 708.796 $\pm$ 128.945 χ^2 /NDF: 0.0/0

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

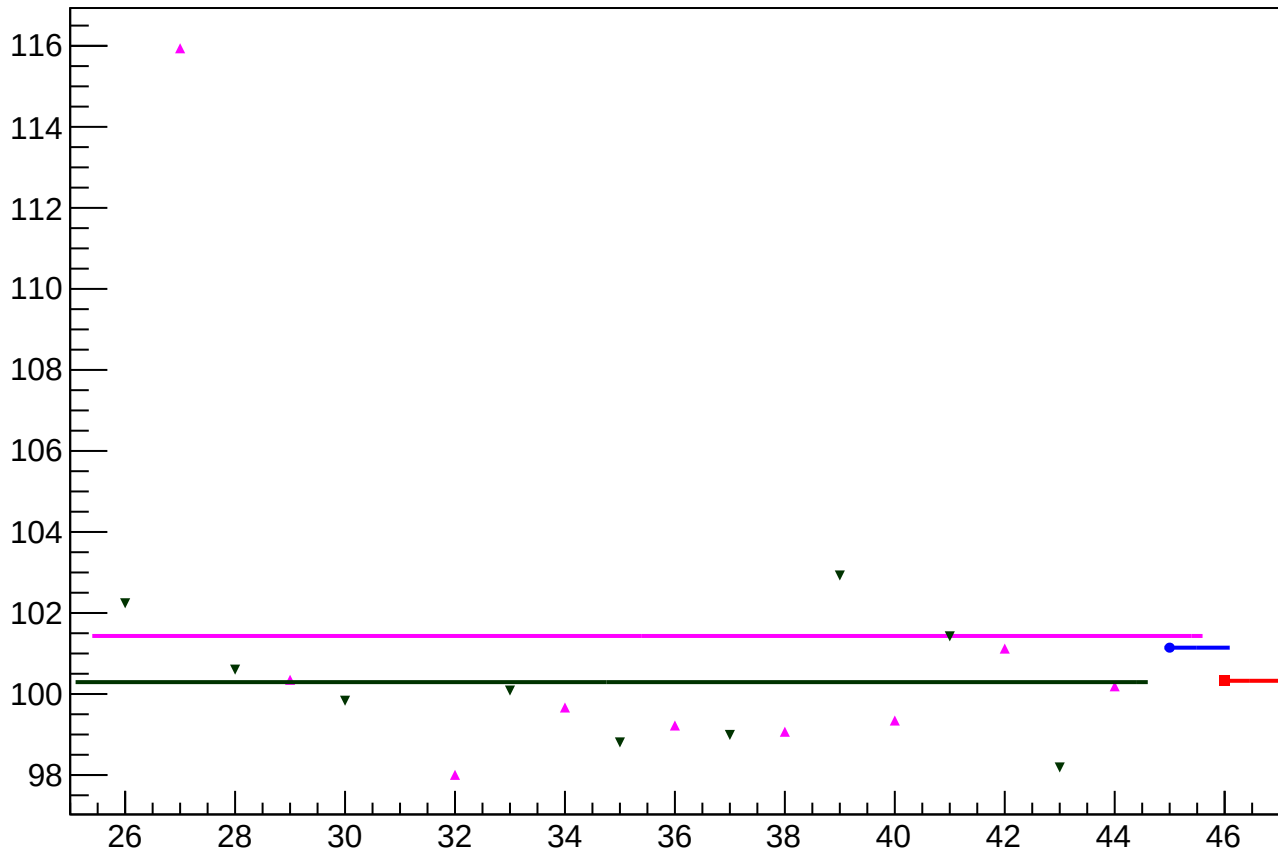
509.046 $\pm$ 42.952 χ^2 /NDF: 13.0/9

Right Out: -552.395 $\pm$ 153.810 χ^2 /NDF: 0.0/0

-482.357 $\pm$ 41.181 χ^2 /NDF: 12.2/9

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

reg_asym_ds_avg_rms vs slug



Right In: 101.144 $\pm$ 0.091 χ^2 /NDF: 0.0/0

Left Out: 100.293 $\pm$ 0.032 χ^2 /NDF:1983.2/8

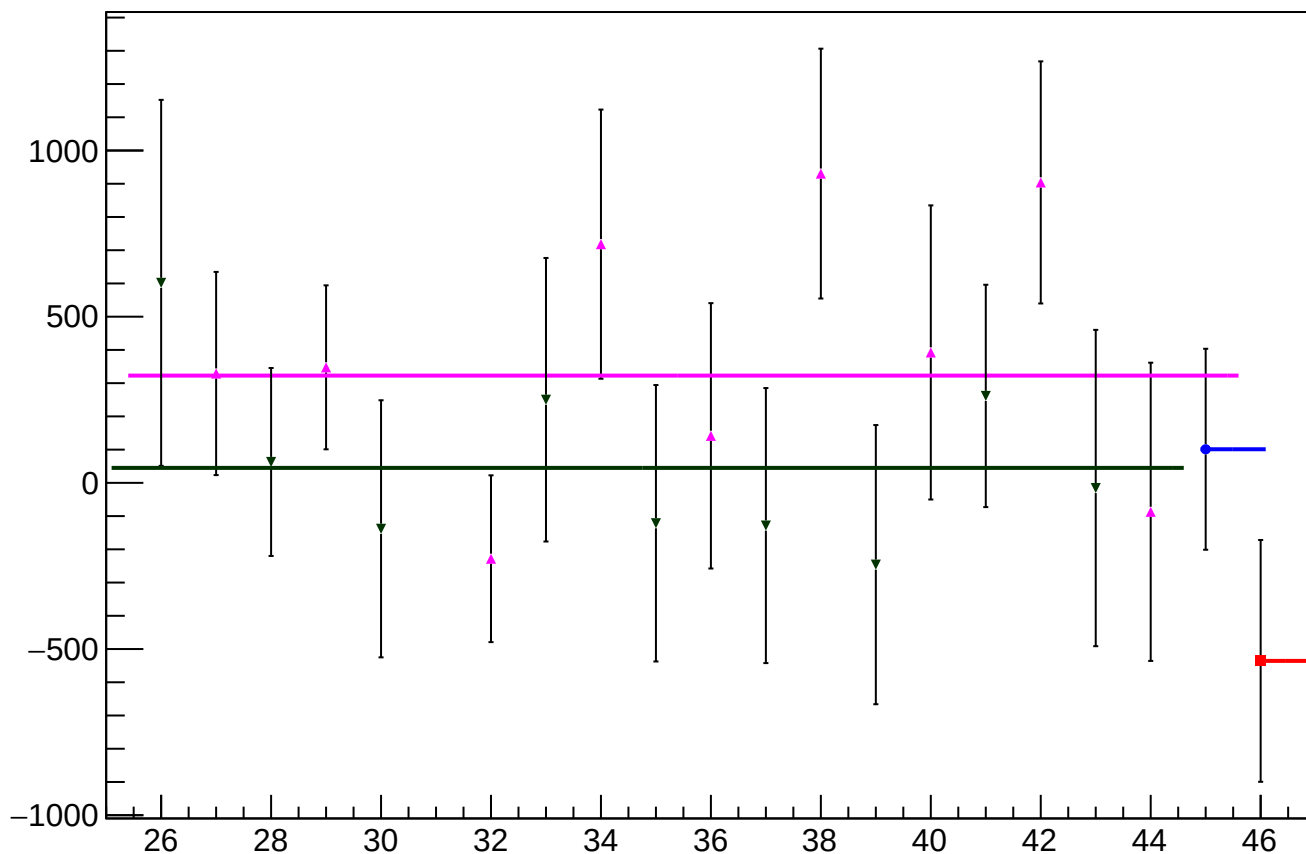
100.388 $\pm$ 0.030 χ^2 /NDF: 2060.6/9

Right Out: 100.326 $\pm$ 0.109 χ^2 /NDF: 0.0/0

101.353 $\pm$ 0.029 χ^2 /NDF: 31178.8/9

Left In: 101.433 $\pm$ 0.030 χ^2 /NDF:31082.7/8

asym_ds_avg_correction_mean vs slug



Right In: 101.105+/-302.355 χ^2/NDF : 0.0/0

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

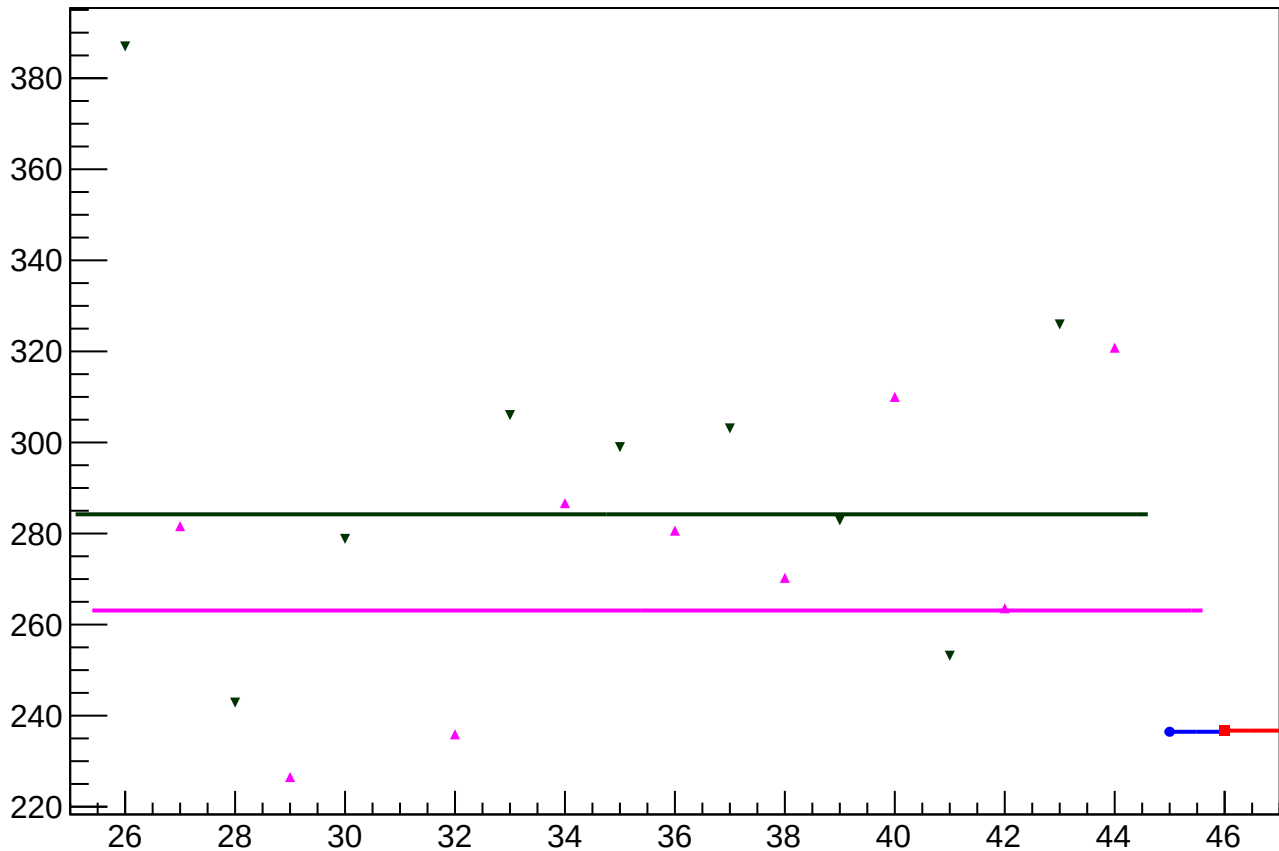
Right Out: -535.686+/-363.782 χ^2/NDF : 0.0/0

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

53.883+/-119.895 χ^2/NDF : 2.8/9

248.750+/-106.821 χ^2/NDF : 17.1/9

asym_ds_avg_correction_rms vs slug



Right In: 236.460+/-0.214 χ^2/NDF : 0.0/0

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

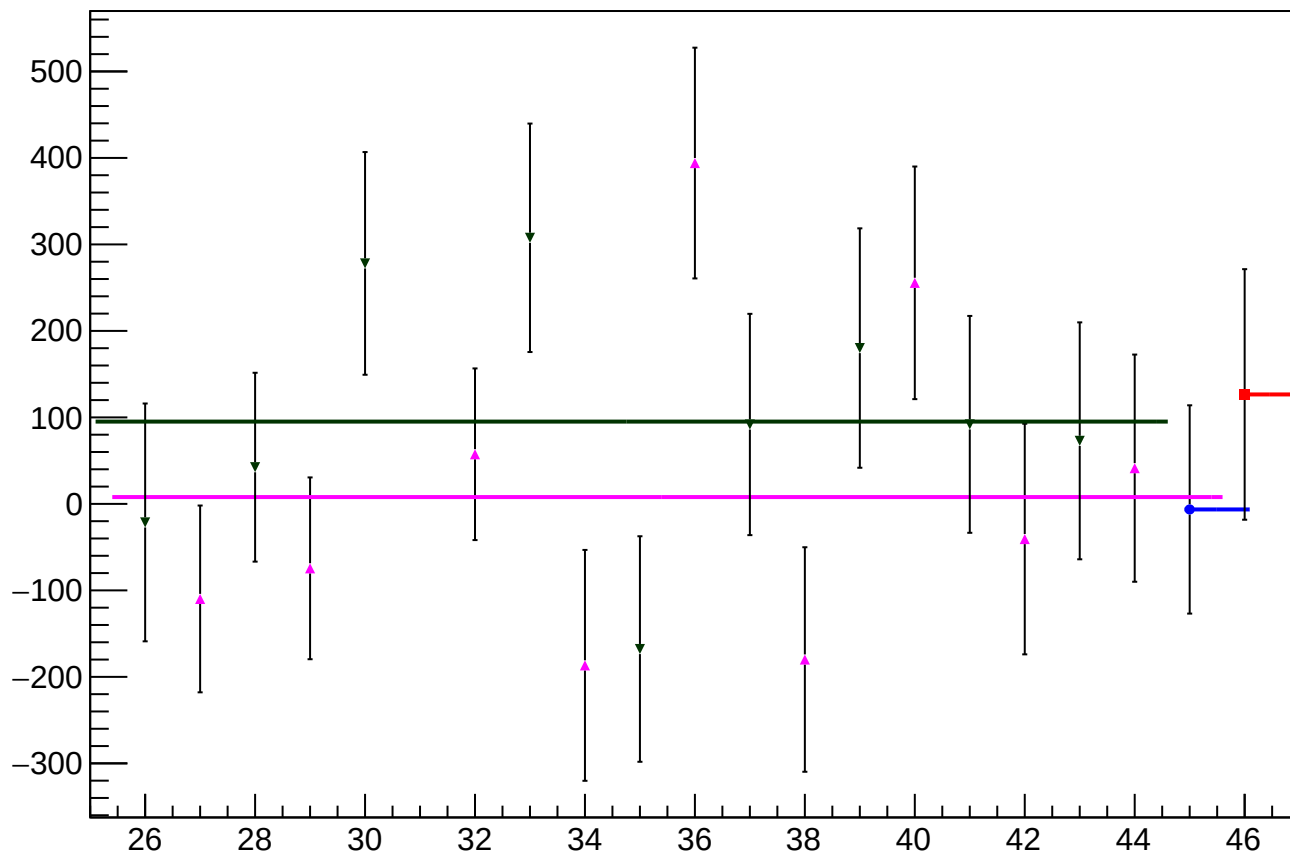
276.709+/-0.085 χ^2/NDF : 199390.5/9

Right Out: 236.713+/-0.257 χ^2/NDF : 0.0/0

260.822+/-0.076 χ^2/NDF : 151368.1/9

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

reg_asym_ds_dd_mean vs slug



Right In: -6.427+/-120.415 χ^2/NDF : 0.0/0

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

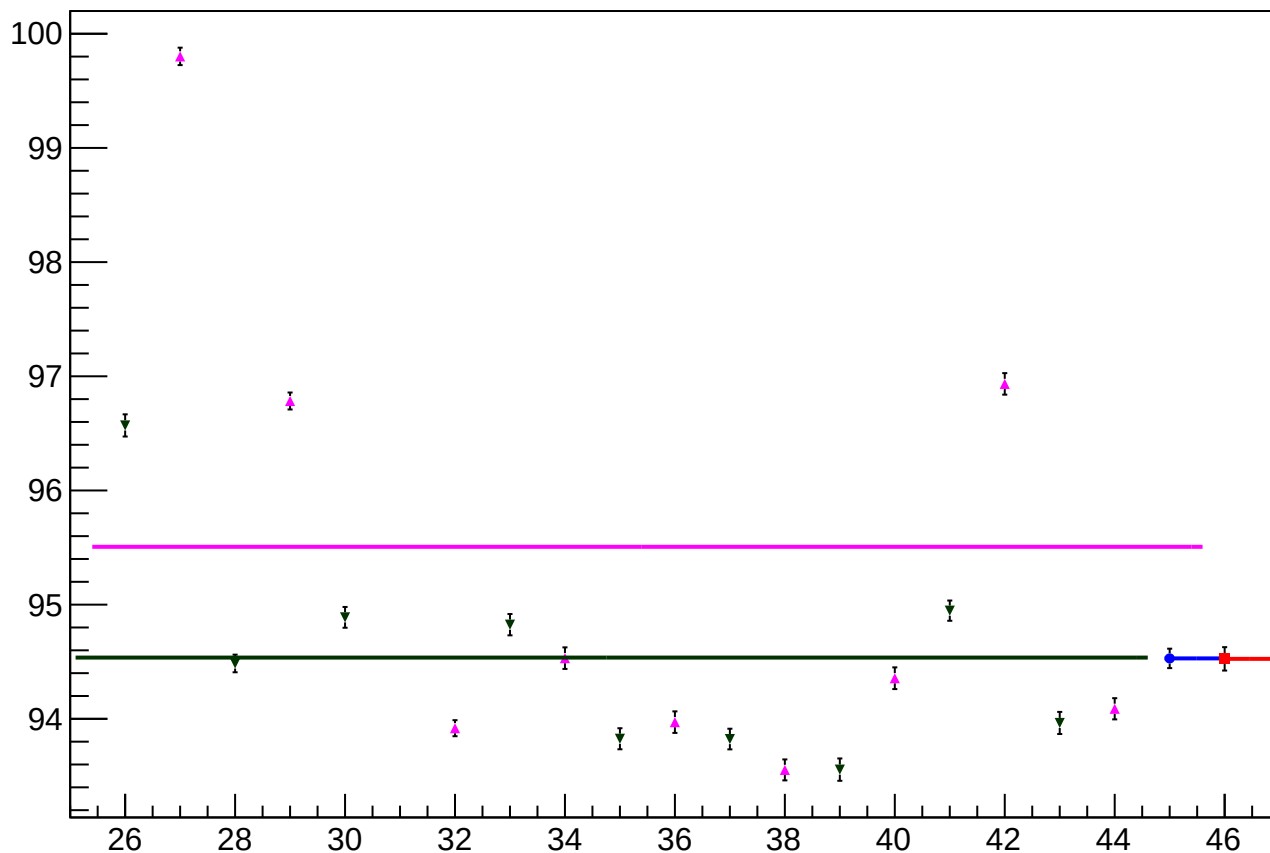
Right Out: 126.542+/-144.851 χ^2/NDF : 0.0/0

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

83.715+/-40.407 χ^2/NDF : 10.7/9

16.374+/-38.728 χ^2/NDF : 18.9/9

reg_asym_ds_dd_rms vs slug



Right In: 94.529+/-0.085 χ^2/NDF : 0.0/0

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

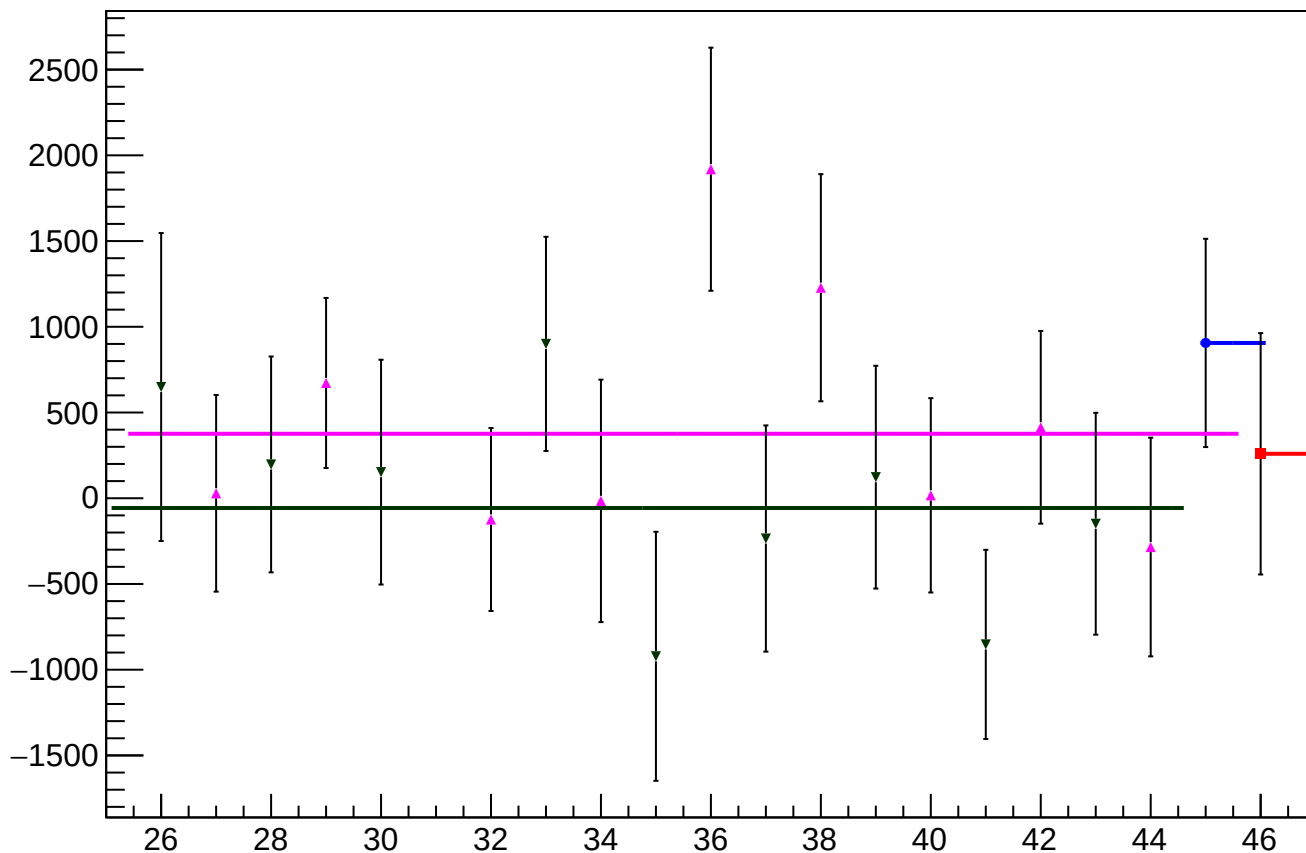
Right Out: 94.525+/-0.102 χ^2/NDF : 0.0/0

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

94.536+/-0.029 χ^2/NDF : 741.0/9

95.436+/-0.027 χ^2/NDF : 5490.9/9

asym_ds_dd_correction_mean vs slug



Right In: 905.732 $\pm$ 607.225 χ^2 /NDF: 0.0/0

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

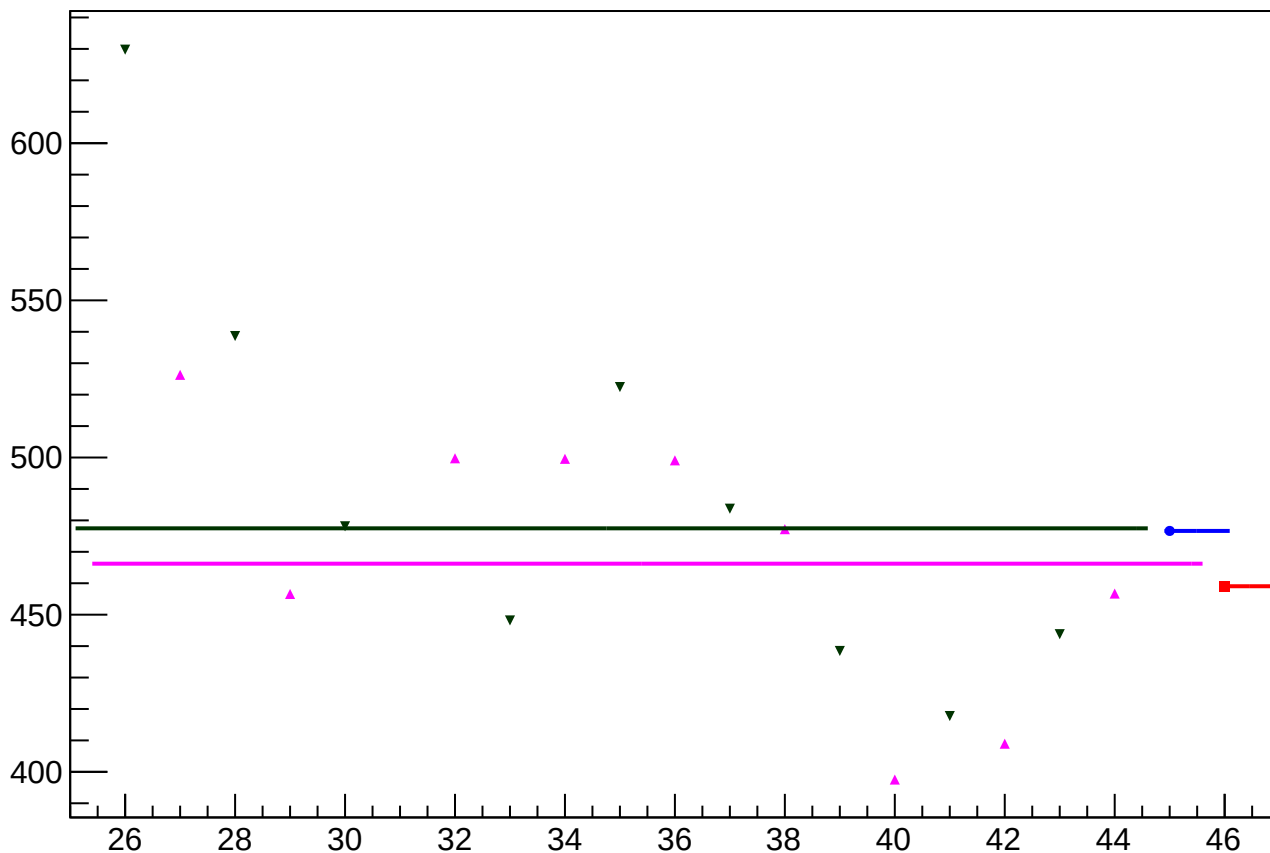
Right Out: 259.252 $\pm$ 703.851 χ^2 /NDF: 0.0/0

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

53.690 $\pm$ 205.818 χ^2 /NDF: 9.1/9

367.487 $\pm$ 190.184 χ^2 /NDF: 9.8/9

asym_ds_dd_correction_rms vs slug



Right In: 476.647 $\pm$ 0.429 χ^2 /NDF: 0.0/0

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

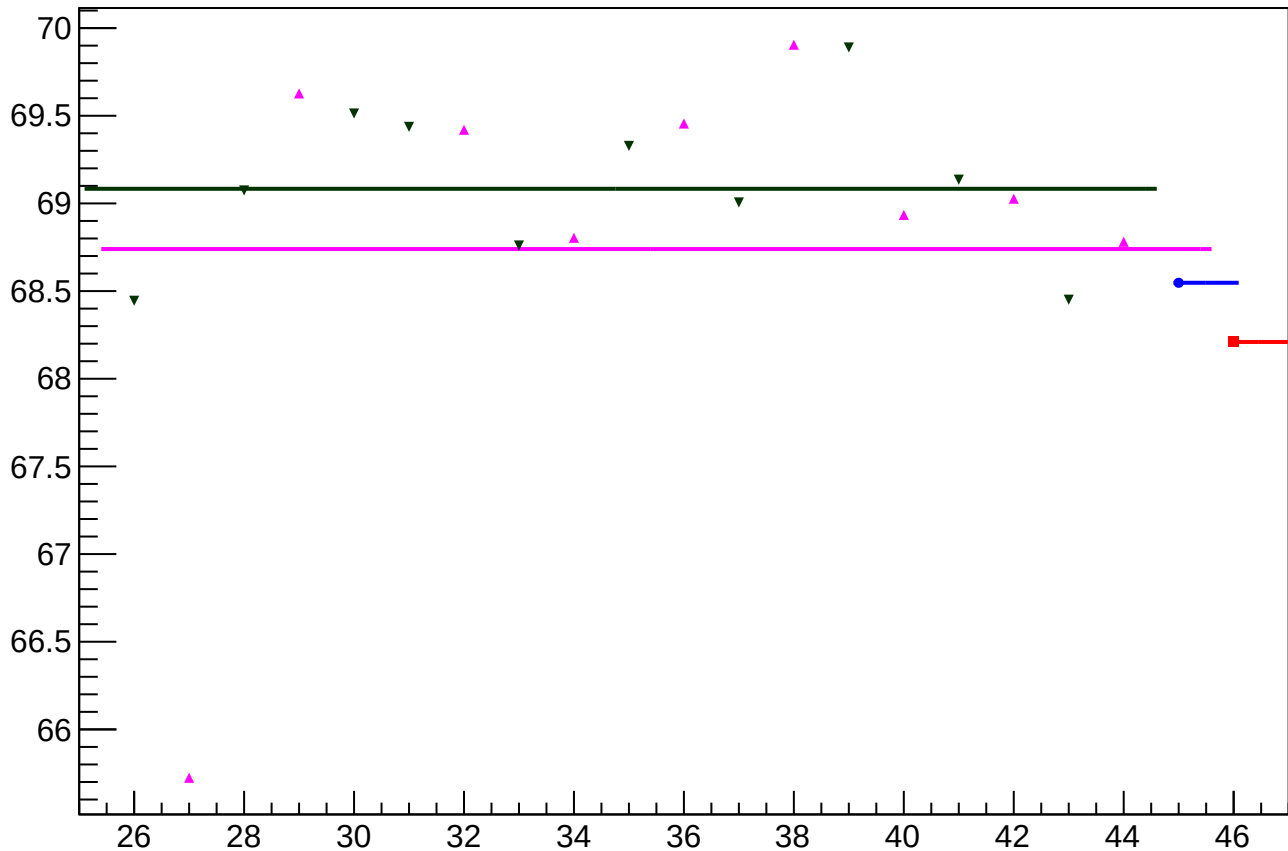
477.376 $\pm$ 0.146 χ^2 /NDF: 124733.7/9

Right Out: 459.047 $\pm$ 0.498 χ^2 /NDF: 0.0/0

465.700 $\pm$ 0.134 χ^2 /NDF: 90681.8/9

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

yield_bcm_an_ds_mean vs slug



Right In: 68.547 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

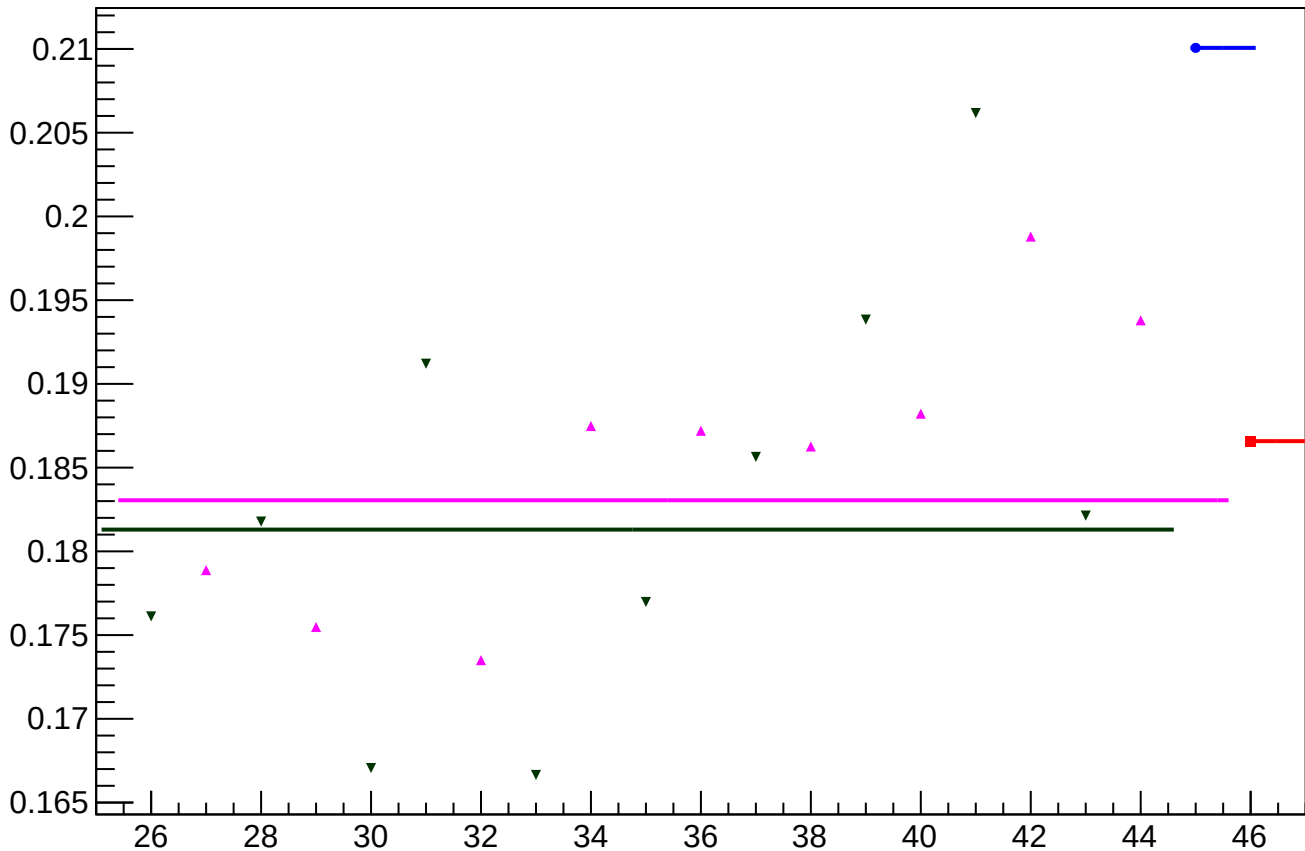
69.039 $\pm$ 0.000 χ^2 /NDF: 30621626.0/10

Right Out: 68.210 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.704 $\pm$ 0.000 χ^2 /NDF: 297604451.3/9

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

yield_bcm_an_ds_rms vs slug



Right In: 0.210 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

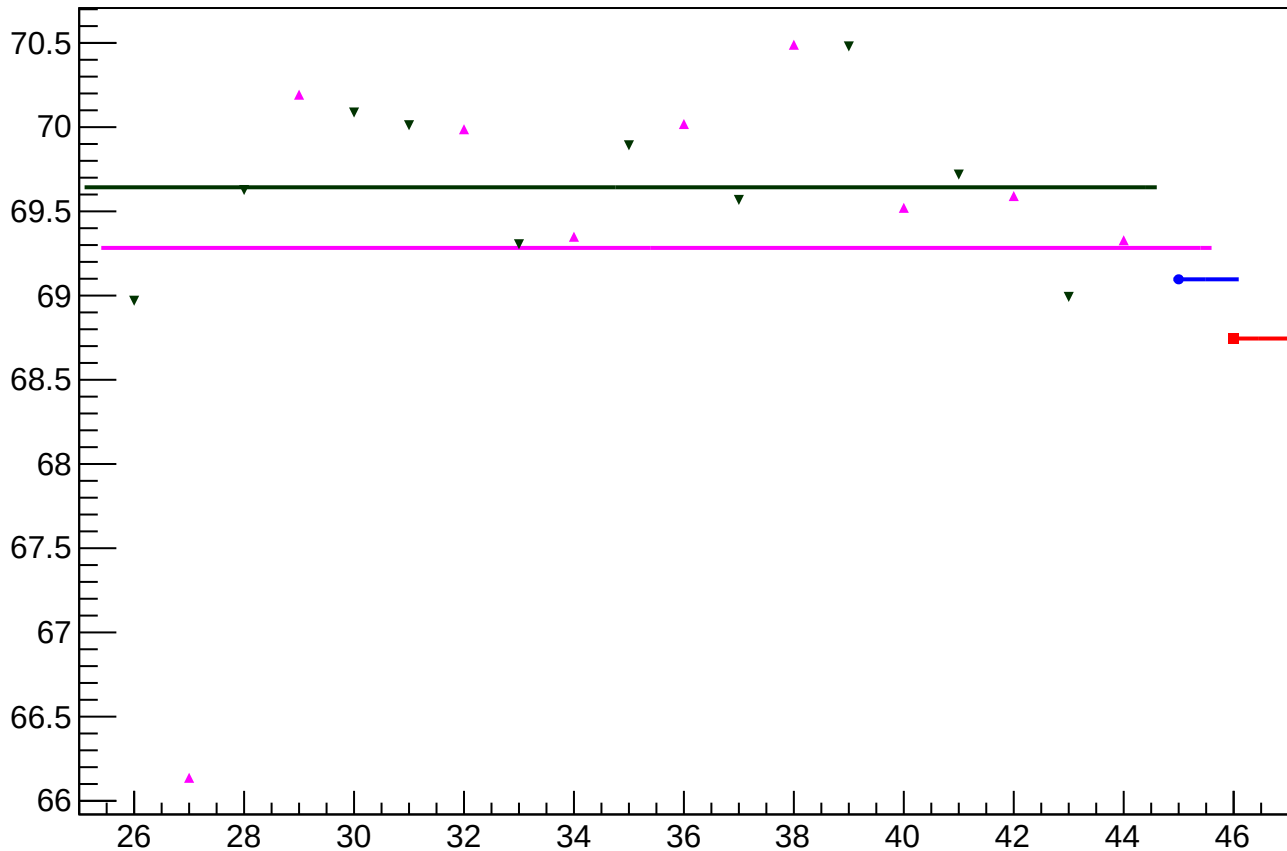
0.184 $\pm$ 0.000 χ^2 /NDF: 59764.6/10

Right Out: 0.187 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.183 $\pm$ 0.000 χ^2 /NDF: 20791.7/9

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

yield_bcm_an_ds3_mean vs slug



Right In: 69.097 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

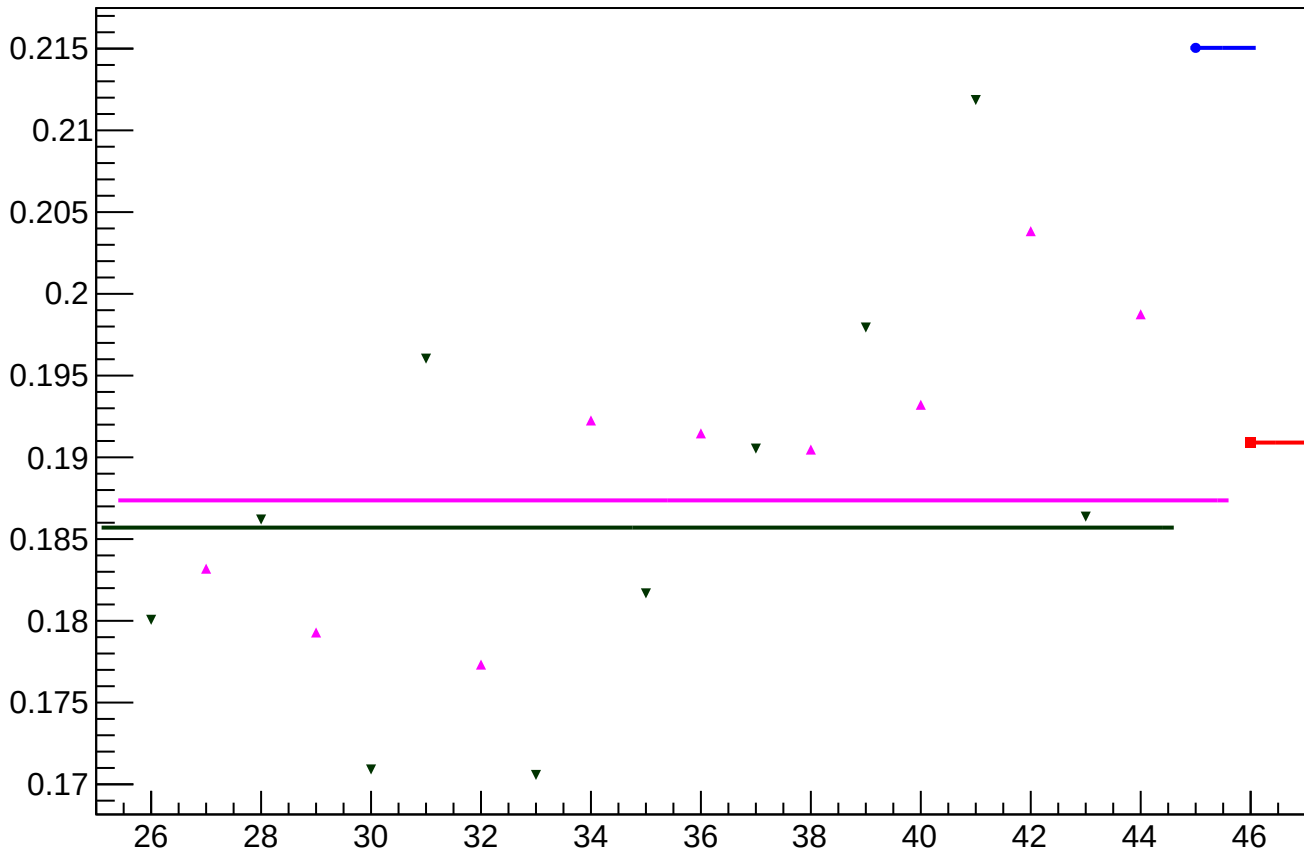
Right Out: 68.745 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

69.598 $\pm$ 0.000 χ^2 /NDF: 31507767.8/10

69.247 $\pm$ 0.000 χ^2 /NDF: 307586452.2/9

yield_bcm_an_ds3_rms vs slug



Right In: 0.215+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.186+/-0.000 χ^2/NDF : 39898.3/9

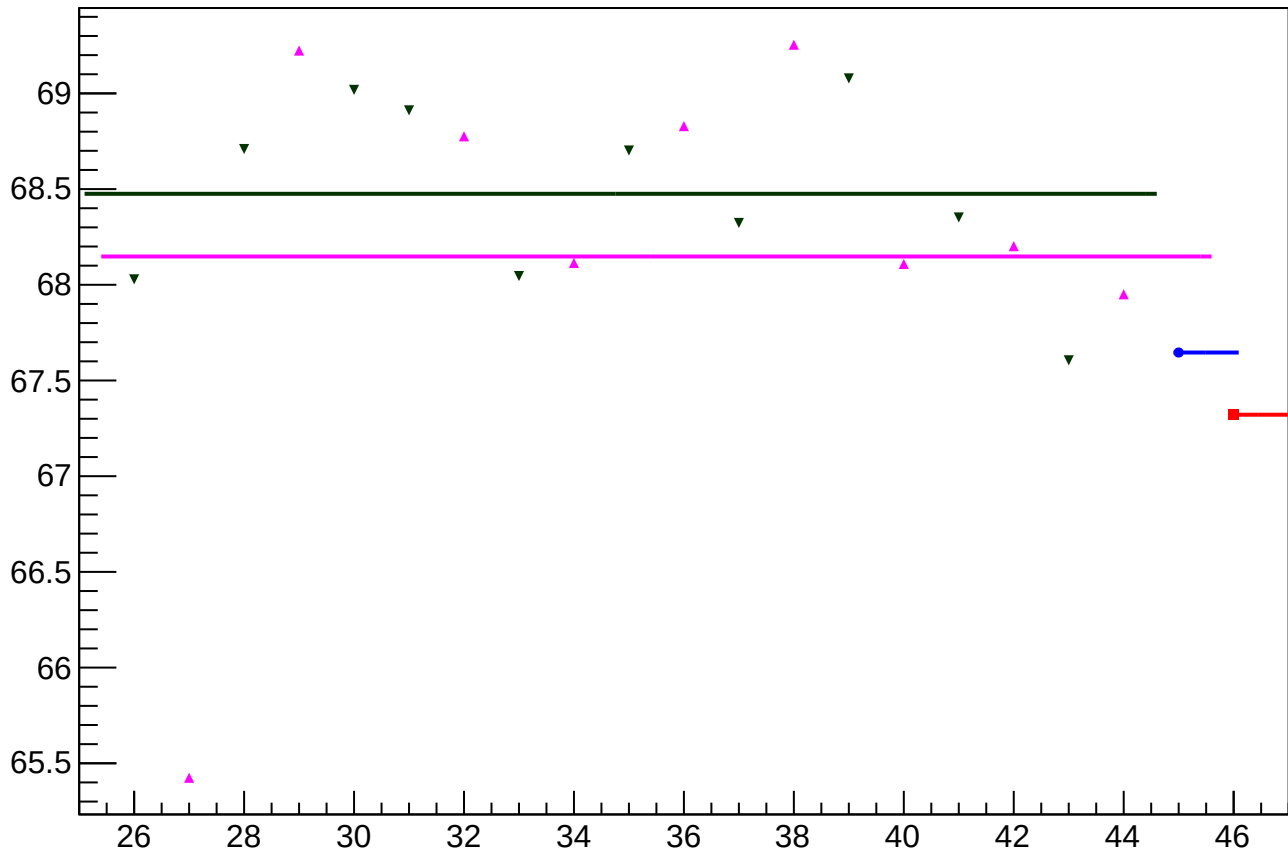
0.188+/-0.000 χ^2/NDF : 60582.1/10

Right Out: 0.191+/-0.000 χ^2/NDF : 0.0/0

0.188+/-0.000 χ^2/NDF : 21962.8/9

Left In: 0.187+/-0.000 χ^2/NDF : 21703.3/8

yield_bcm_an_us_mean vs slug



Right In: 67.646 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 68.475 $\pm$ 0.000 χ^2 /NDF:31409059.3/9

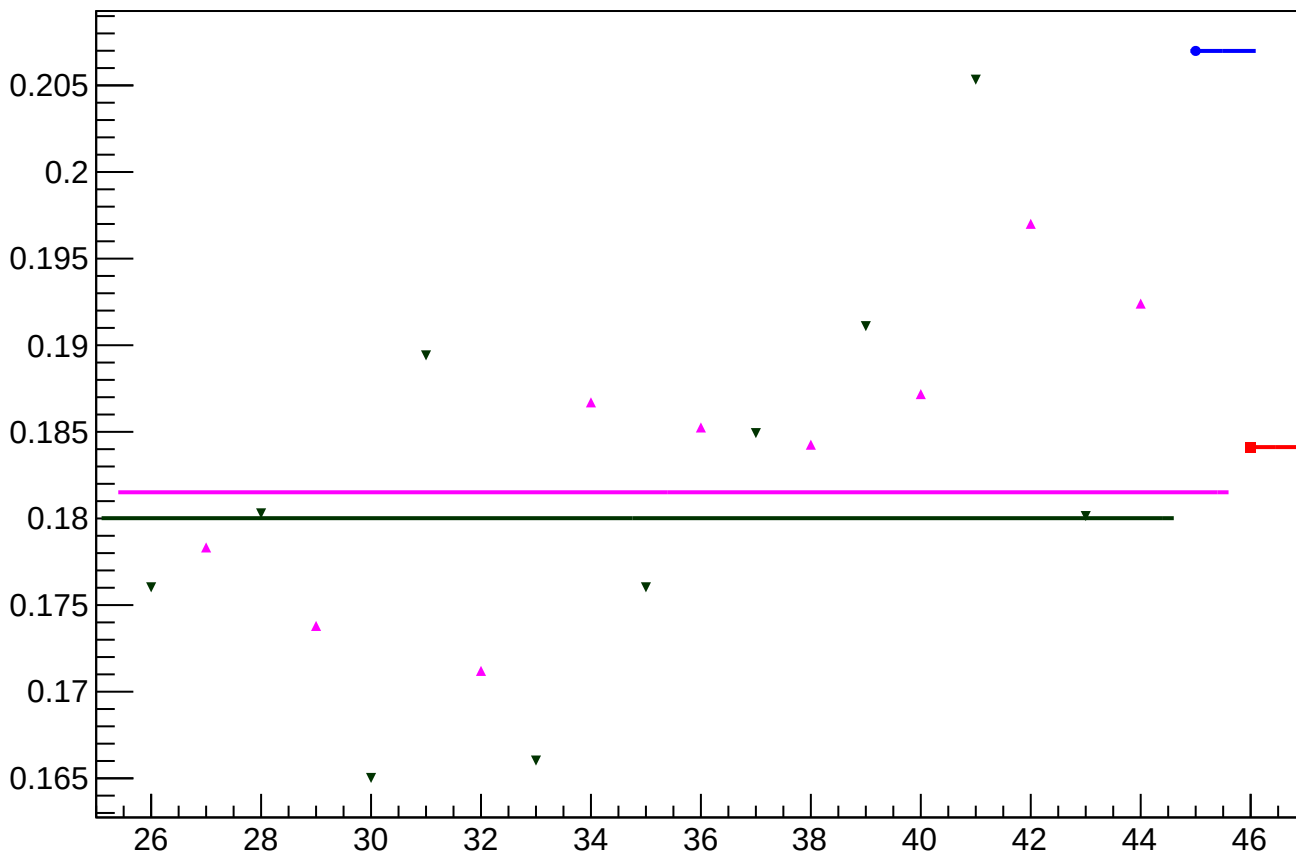
68.406 $\pm$ 0.000 χ^2 /NDF: 40308538.8/10

Right Out: 67.321 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.092 $\pm$ 0.000 χ^2 /NDF: 265757251.7/9

Left In: 68.148 $\pm$ 0.000 χ^2 /NDF:258142323.5/8

yield_bcm_an_us_rms vs slug



Right In: 0.207 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

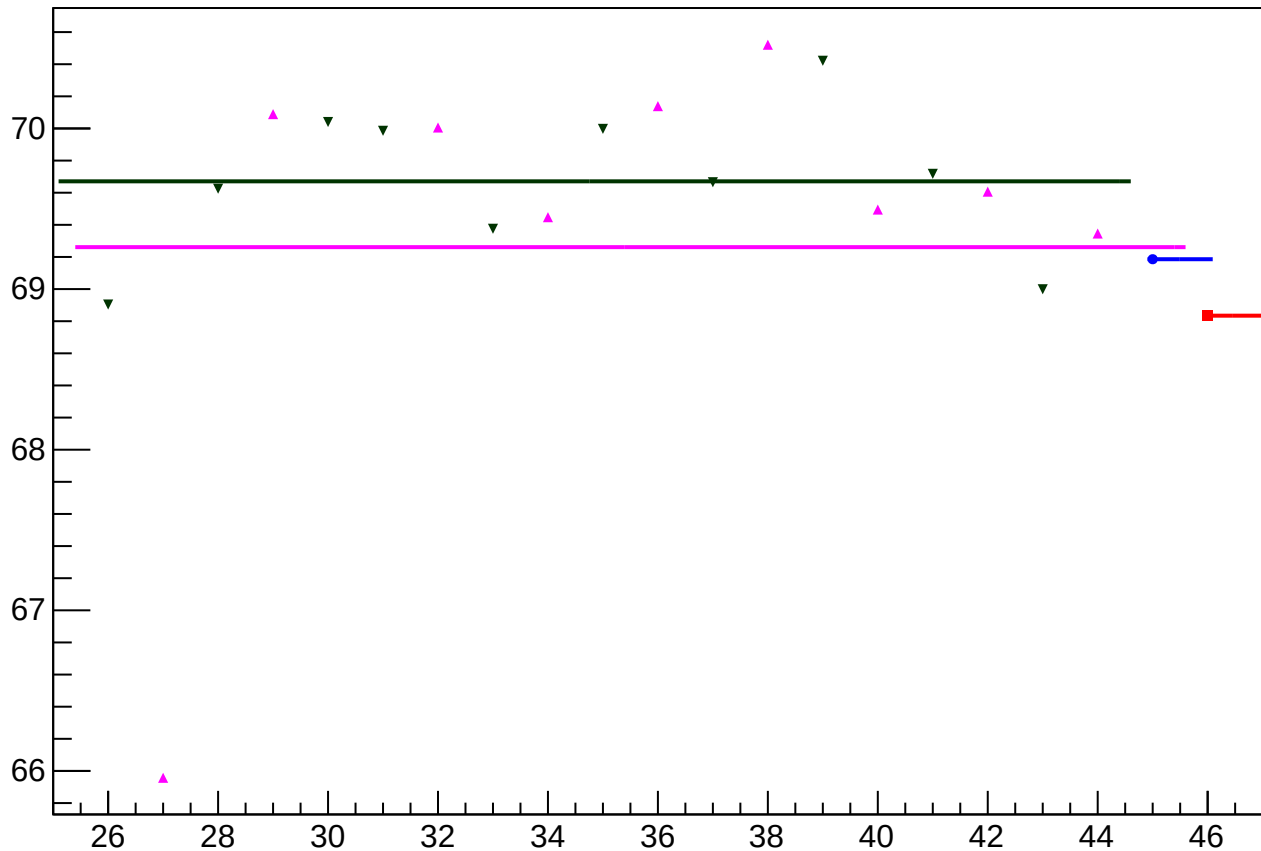
Right Out: 0.184 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.182 $\pm$ 0.000 χ^2 /NDF: 57734.3/10

0.182 $\pm$ 0.000 χ^2 /NDF: 21770.3/9

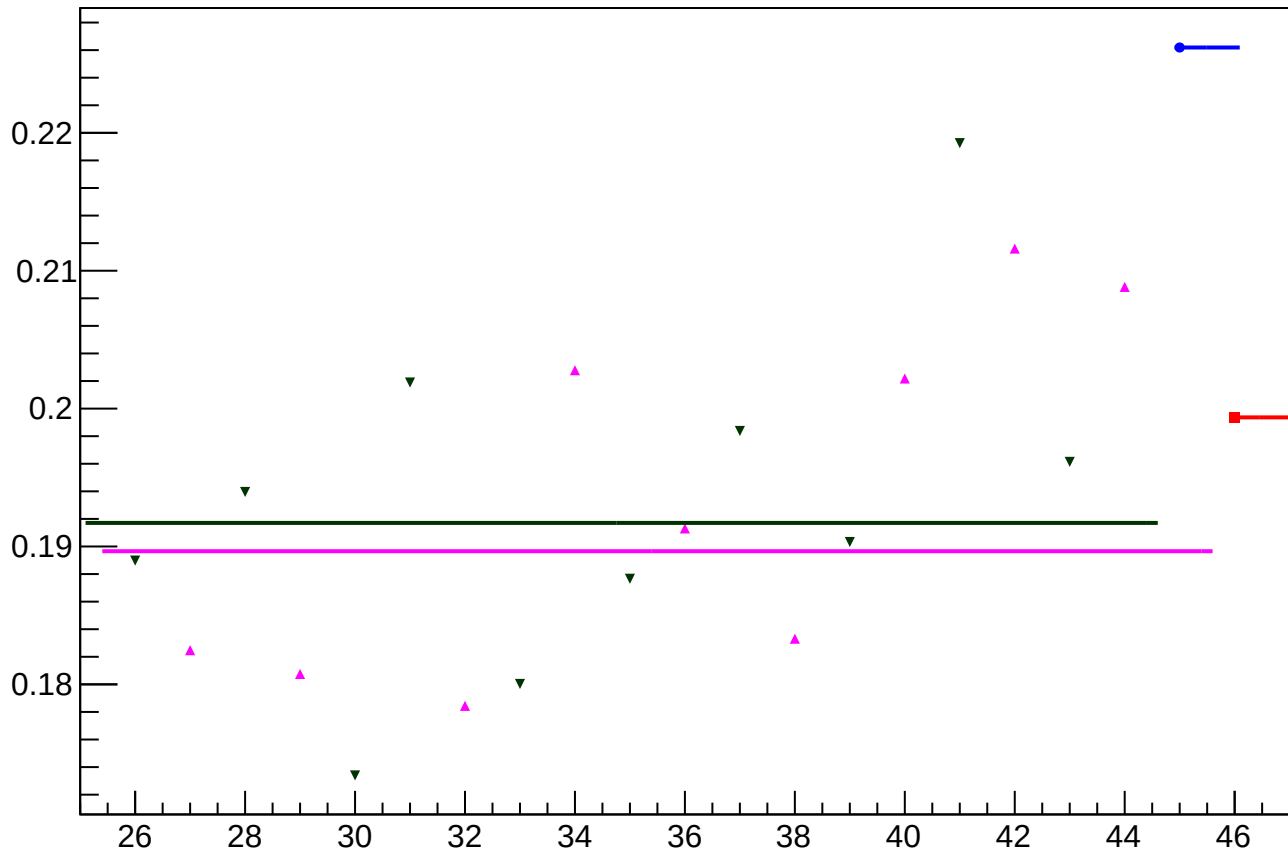
yield_bcm_dg_us_mean vs slug



Right In: 69.186 ± 0.000 $\chi^2/NDF: 0.0/0$
 Left Out: 69.671 ± 0.000 $\chi^2/NDF: 26242172.7/9$
 Right Out: 68.834 ± 0.000 $\chi^2/NDF: 0.0/0$
 Left In: 69.261 ± 0.000 $\chi^2/NDF: 334102481.9/8$

69.632 ± 0.000 $\chi^2/NDF: 28803116.7/10$
 69.234 ± 0.000 $\chi^2/NDF: 335839342.6/9$

yield_bcm_dg_us_rms vs slug



Right In: 0.226 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

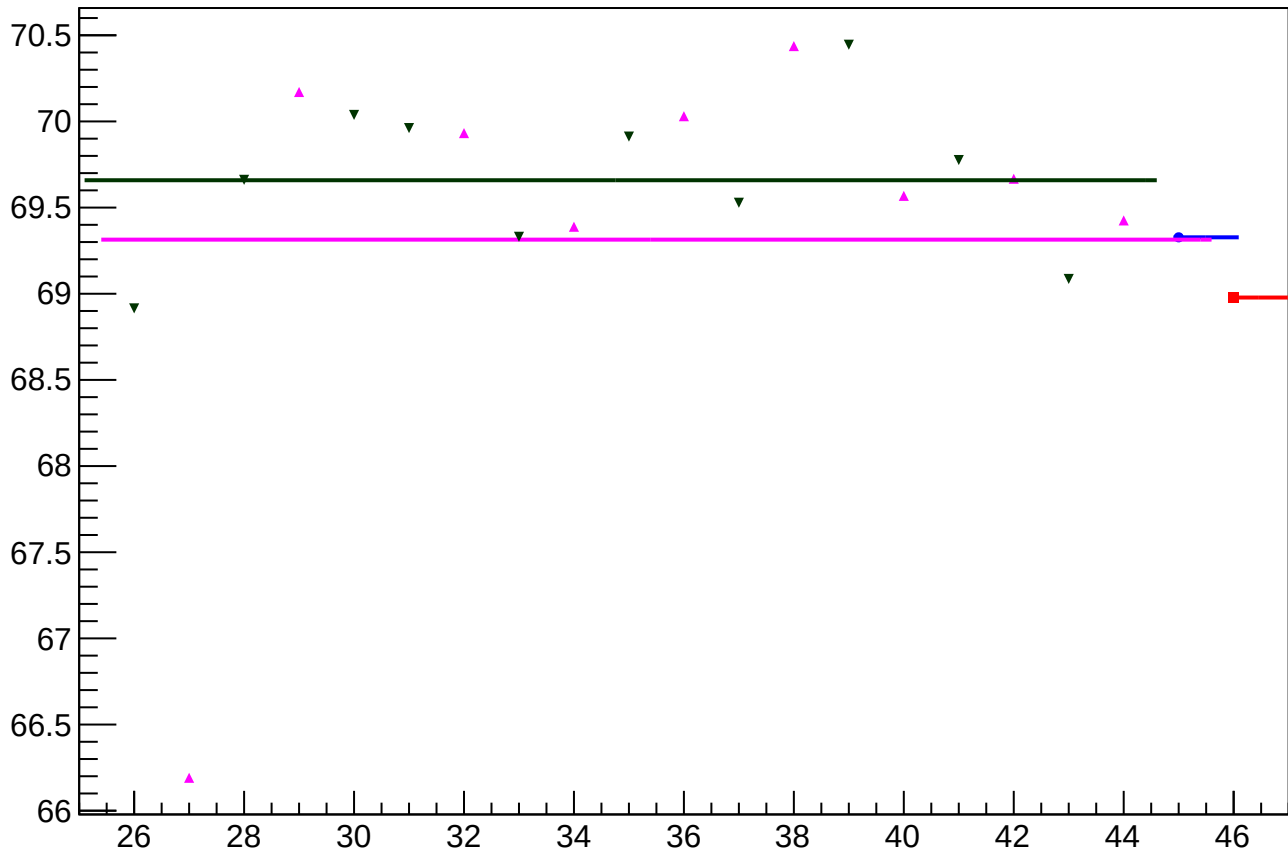
0.194 $\pm$ 0.000 χ^2 /NDF: 63494.4/10

Right Out: 0.199 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.190 $\pm$ 0.000 χ^2 /NDF: 43362.2/9

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

yield_bcm_dg_ds_mean vs slug



Right In: 69.327+/-0.000 χ^2/NDF : 0.0/0

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

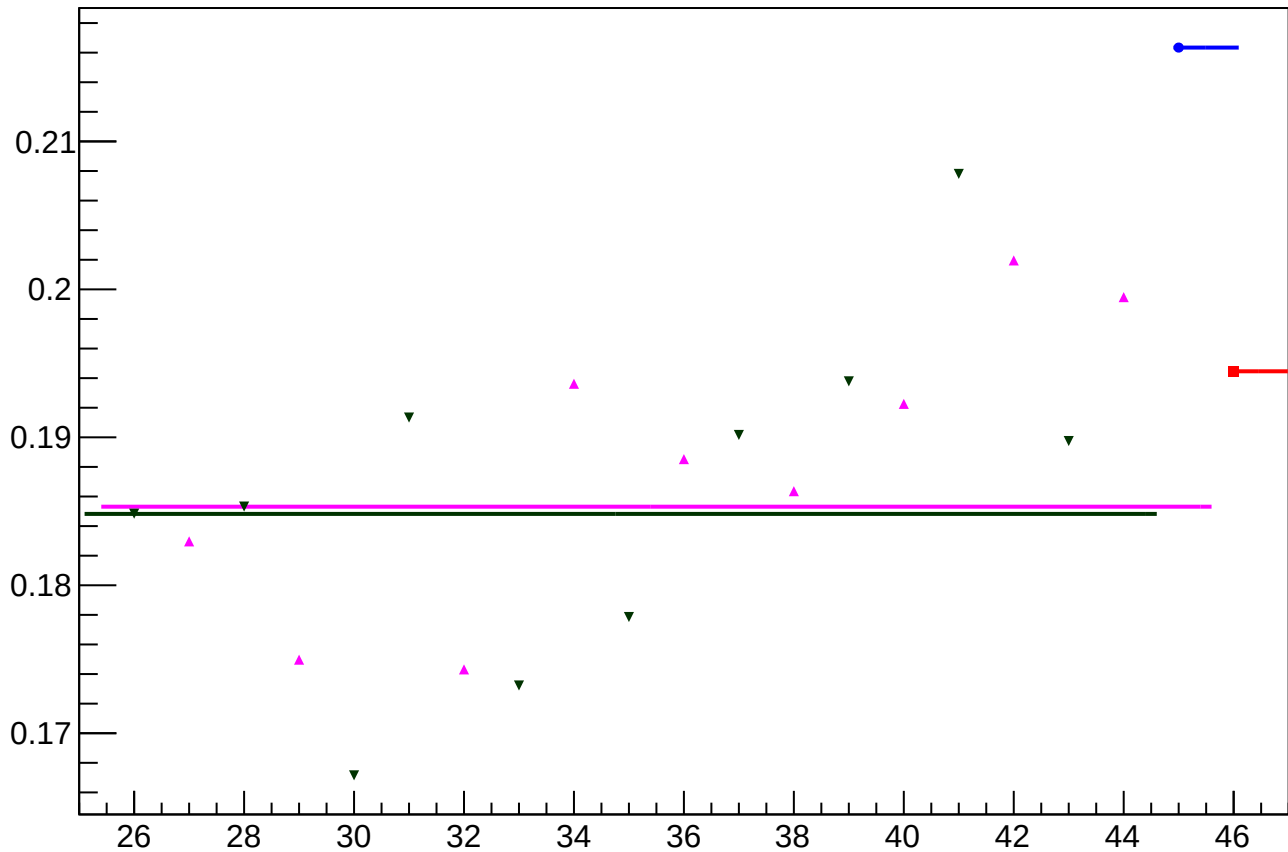
Right Out: 68.978+/-0.000 χ^2/NDF : 0.0/0

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

69.632+/-0.000 χ^2/NDF : 27242702.3/10

69.293+/-0.000 χ^2/NDF : 296238691.0/9

yield_bcm_dg_ds_rms vs slug



Right In: 0.216 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

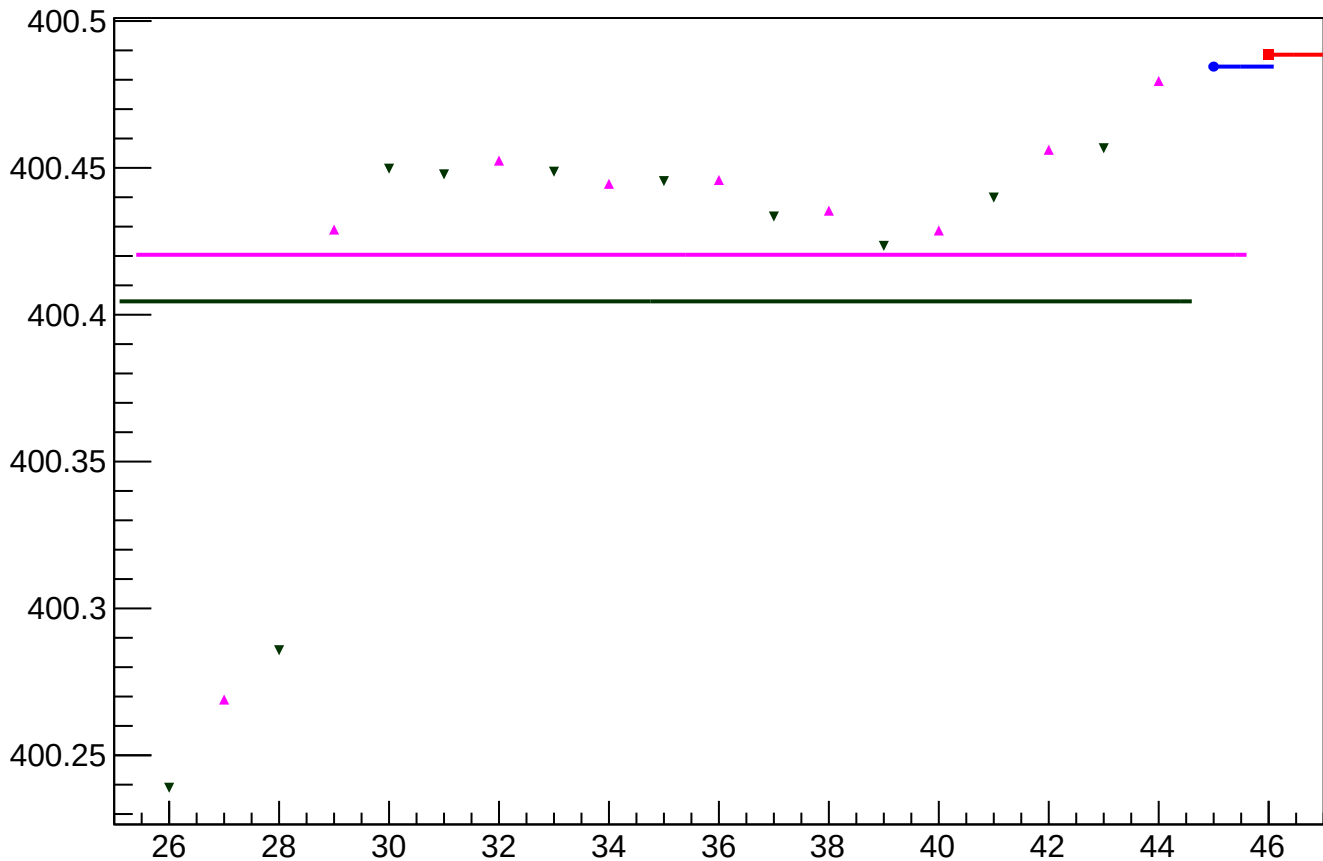
0.187 $\pm$ 0.000 χ^2/NDF : 58850.6/10

Right Out: 0.194 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.186 $\pm$ 0.000 χ^2/NDF : 29681.2/9

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

yield_cav4bQ_mean vs slug



Right In: 400.484+/-0.000 χ^2/NDF : 0.0/0

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

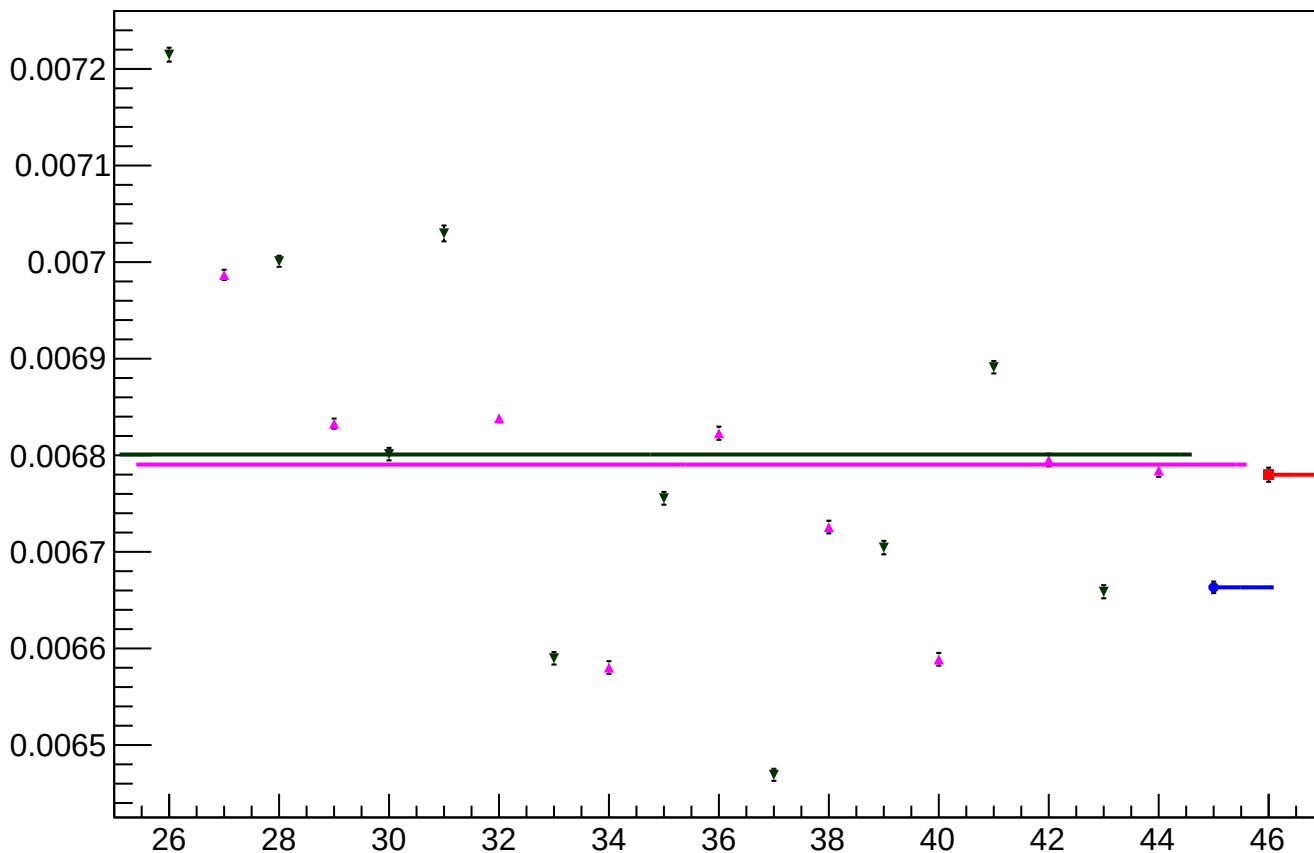
400.413+/-0.000 χ^2/NDF : 691753736.4/10

Right Out: 400.489+/-0.000 χ^2/NDF : 0.0/0

400.425+/-0.000 χ^2/NDF : 533671627.7/9

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

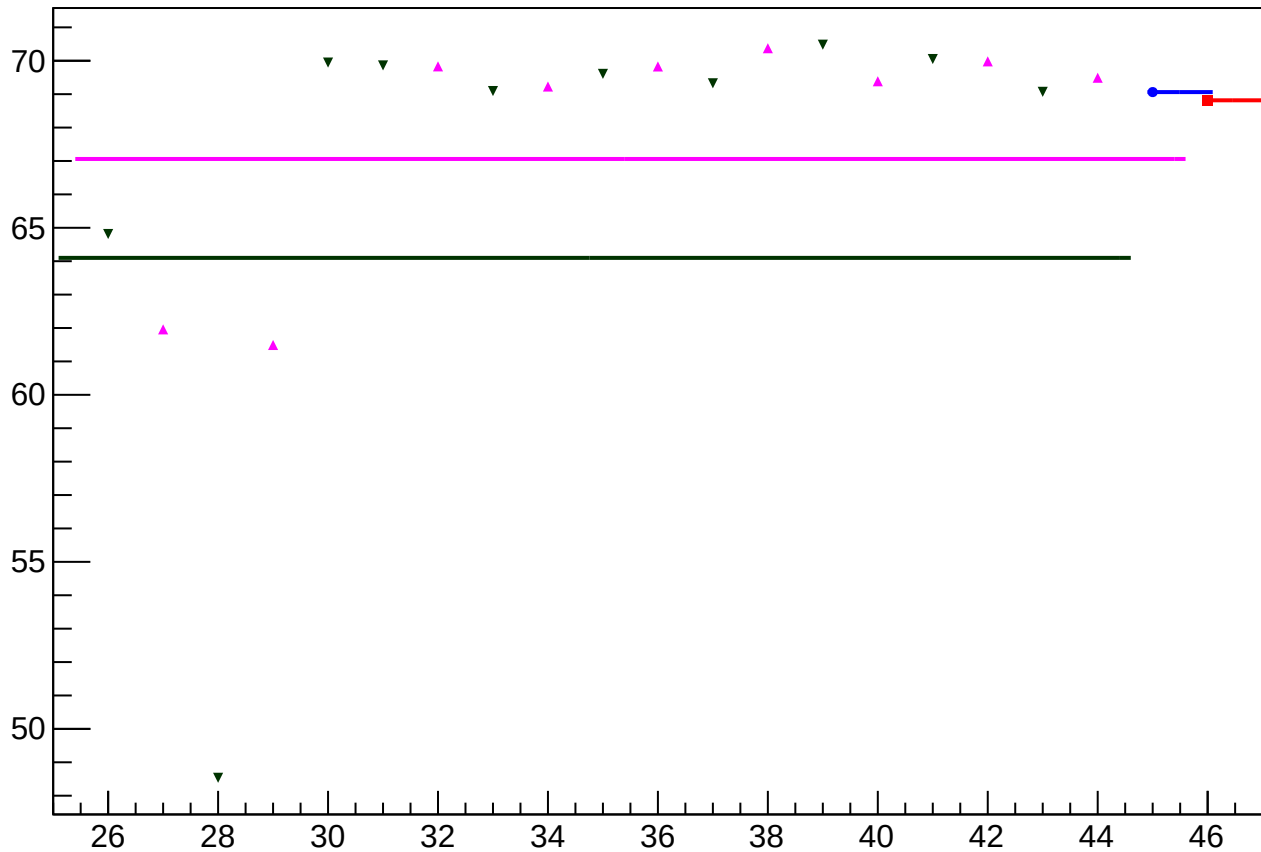
yield_cav4bQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:9984.5/9
 Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3569.0/8

0.007 $\pm$ 0.000 χ^2 /NDF: 10451.3/10
 0.007 $\pm$ 0.000 χ^2 /NDF: 3570.9/9

yield_cav4cQ_mean vs slug



Right In: 69.062 $\pm$ 0.000 χ^2 /NDF: 0.0/0

64.477 $\pm$ 0.000 χ^2 /NDF: 8713213777.8/10

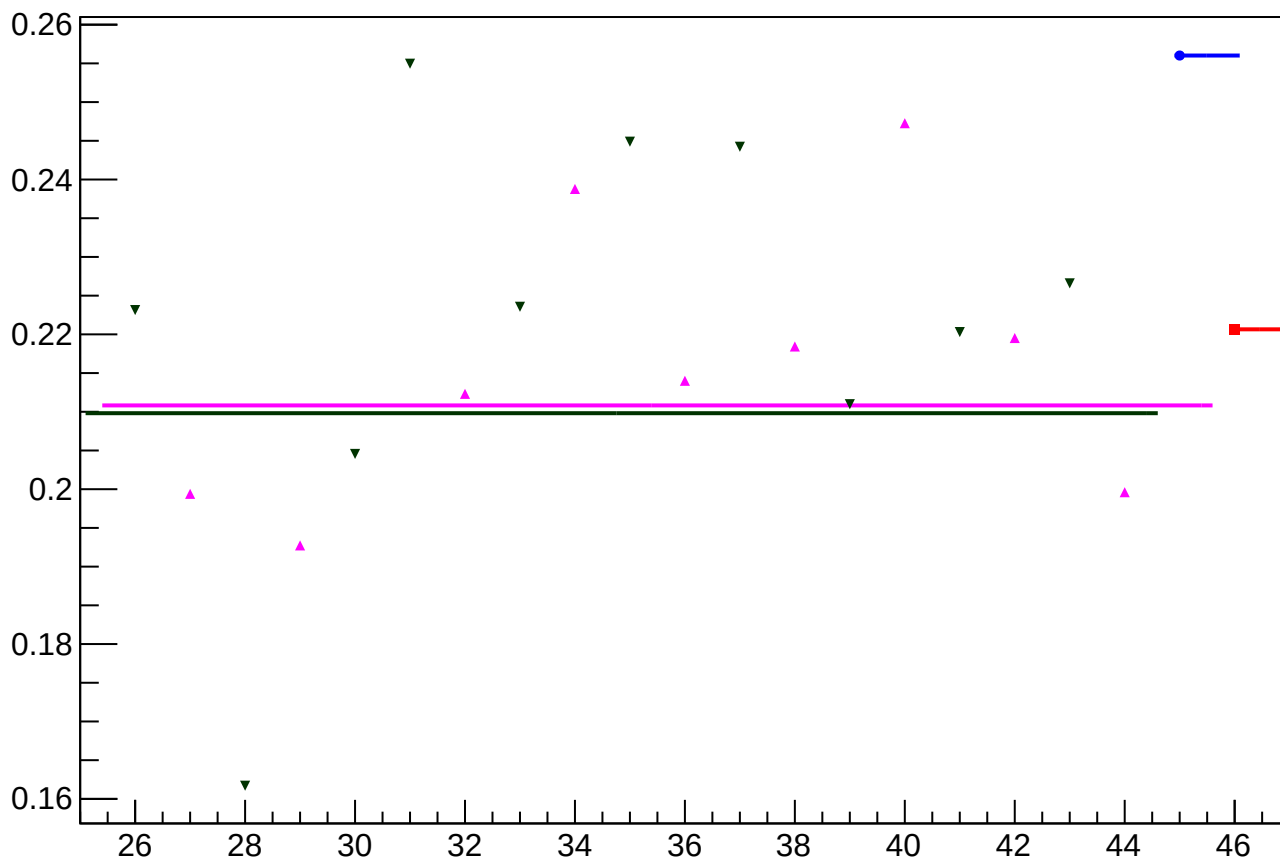
Left Out: 64.100 $\pm$ 0.000 χ^2 /NDF: 8515869637.9/9

Right Out: 68.816 $\pm$ 0.000 χ^2 /NDF: 0.0/0

67.175 $\pm$ 0.000 χ^2 /NDF: 1676024350.9/9

Left In: 67.060 $\pm$ 0.000 χ^2 /NDF: 1652976727.1/8

yield_cav4cQ_rms vs slug



Right In: 0.256+/-0.000 χ^2/NDF : 0.0/0

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

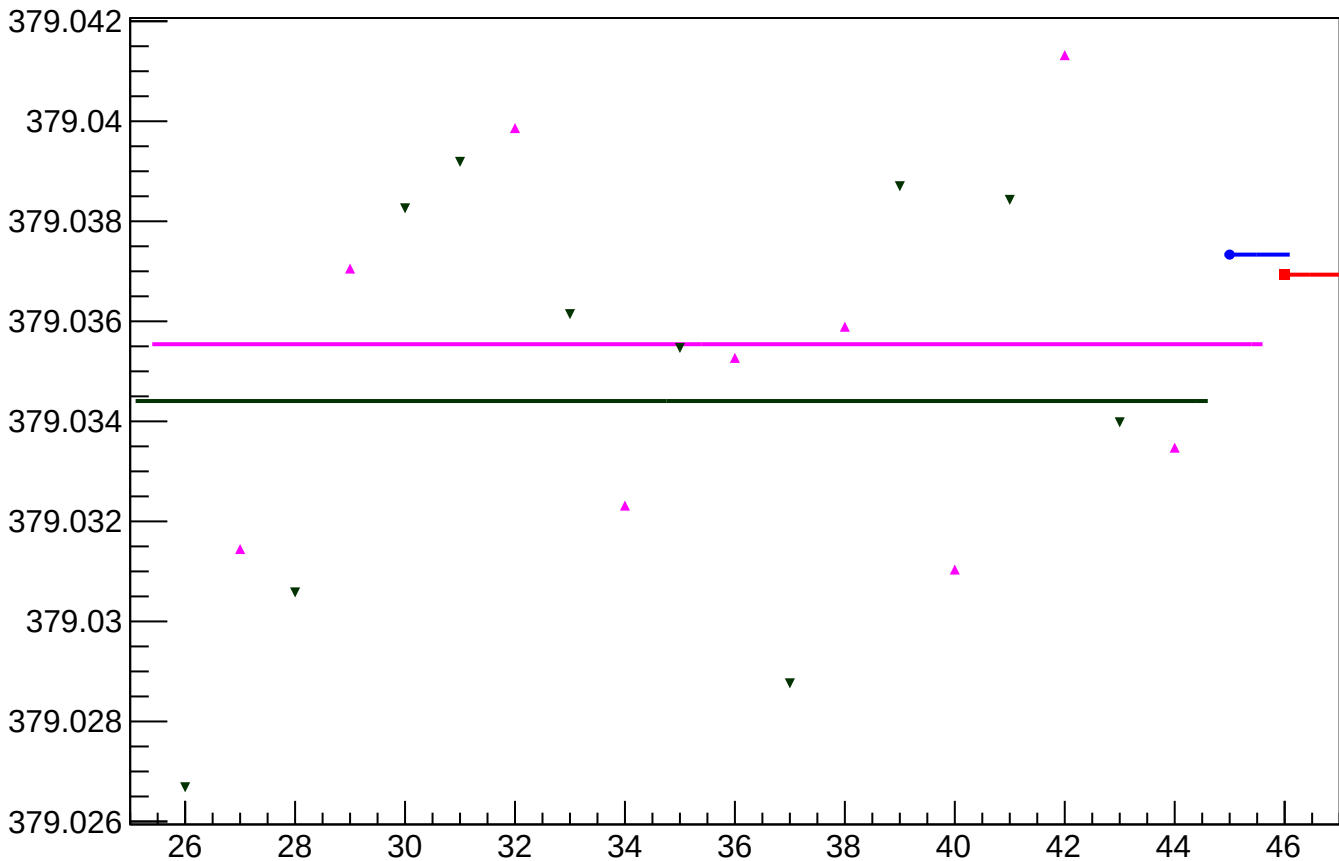
Right Out: 0.221+/-0.000 χ^2/NDF : 0.0/0

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

0.213+/-0.000 χ^2/NDF : 228583.1/10

0.211+/-0.000 χ^2/NDF : 56865.7/9

yield_cav4dQ_mean vs slug



Right In: 379.037 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

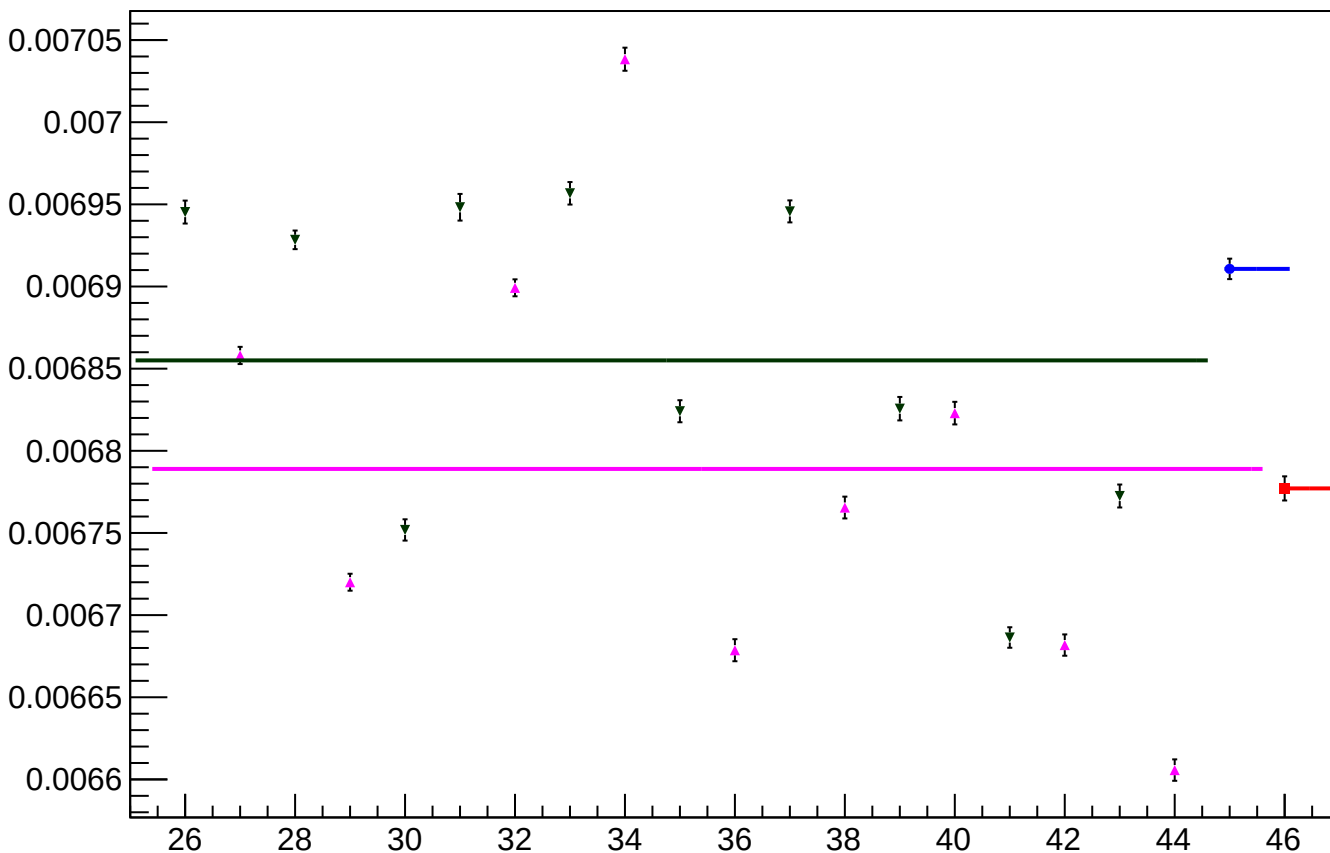
379.035 $\pm$ 0.000 χ^2 /NDF: 2079420.2/10

Right Out: 379.037 $\pm$ 0.000 χ^2 /NDF: 0.0/0

379.036 $\pm$ 0.000 χ^2 /NDF: 1485745.3/9

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

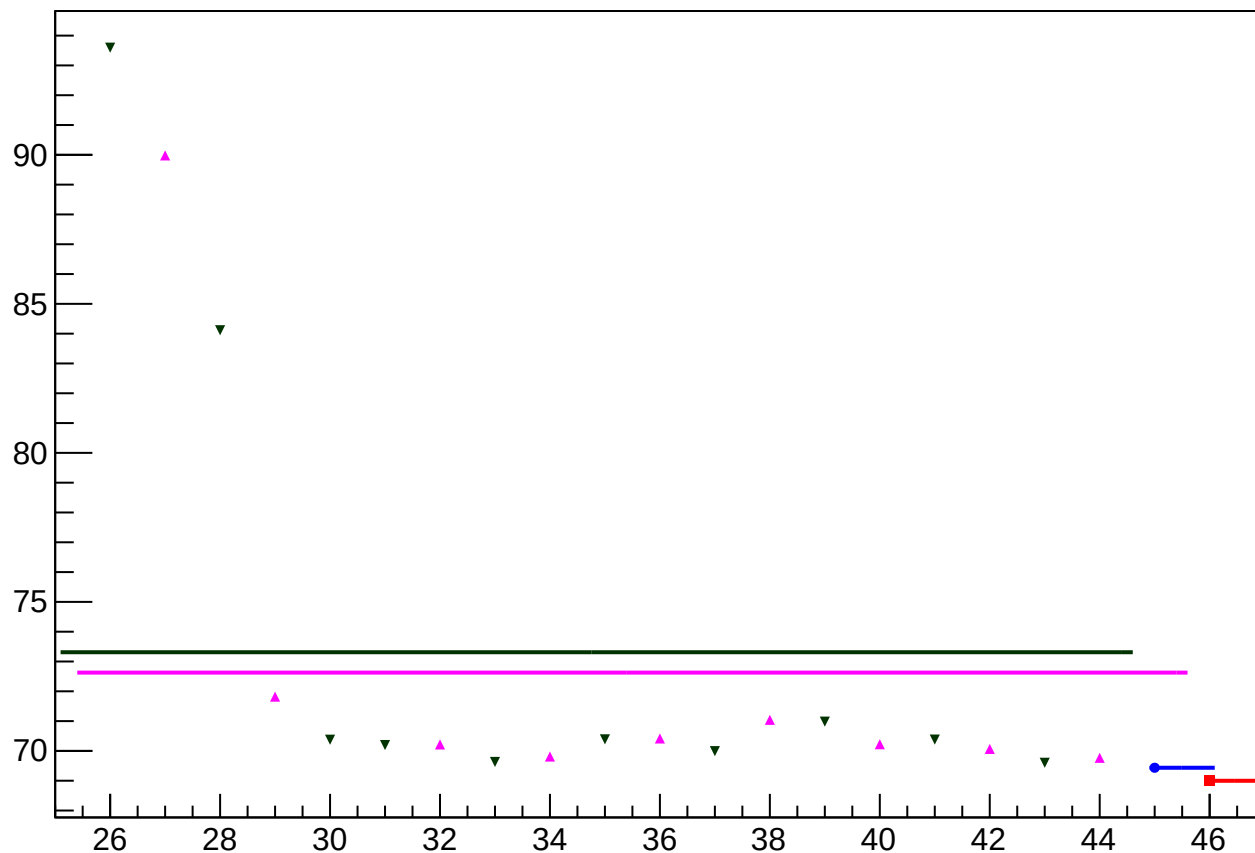
yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.007+/-0.000 χ^2/NDF : 2032.2/9
 Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.007+/-0.000 χ^2/NDF : 3439.6/8

0.007+/-0.000 χ^2/NDF : 2103.9/10
 0.007+/-0.000 χ^2/NDF : 3442.0/9

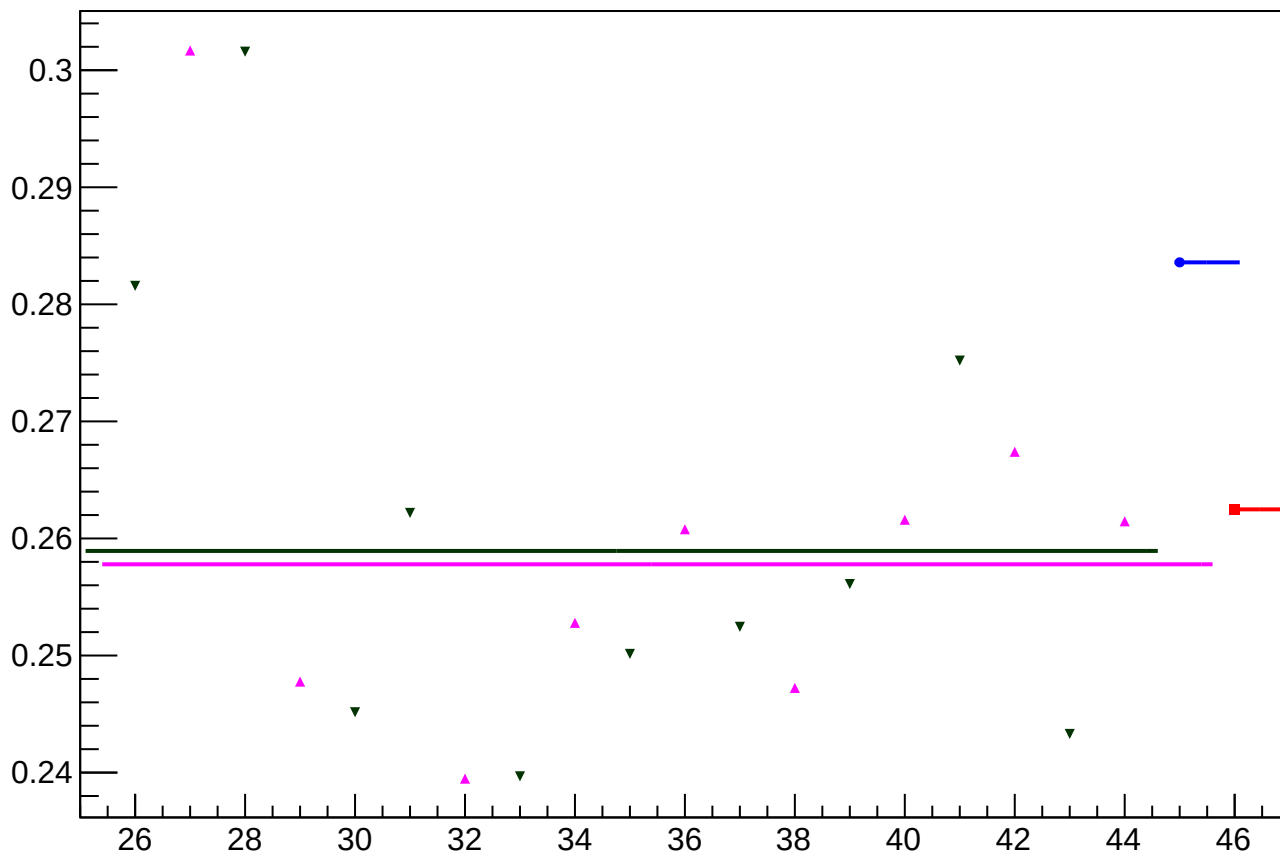
yield_bcm0l02_mean vs slug



Right In: 69.435+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 73.311+/-0.000 χ^2/NDF : 3714317508.5/9
 Right Out: 68.998+/-0.000 χ^2/NDF : 0.0/0
 Left In: 72.627+/-0.000 χ^2/NDF : 2928974770.7/8

72.947+/-0.000 χ^2/NDF : 3814753758.9/10
 72.380+/-0.000 χ^2/NDF : 3000055393.5/9

yield_bcm0l02_rms vs slug



Right In: 0.284 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.259 $\pm$ 0.000 χ^2/NDF : 47766.7/9

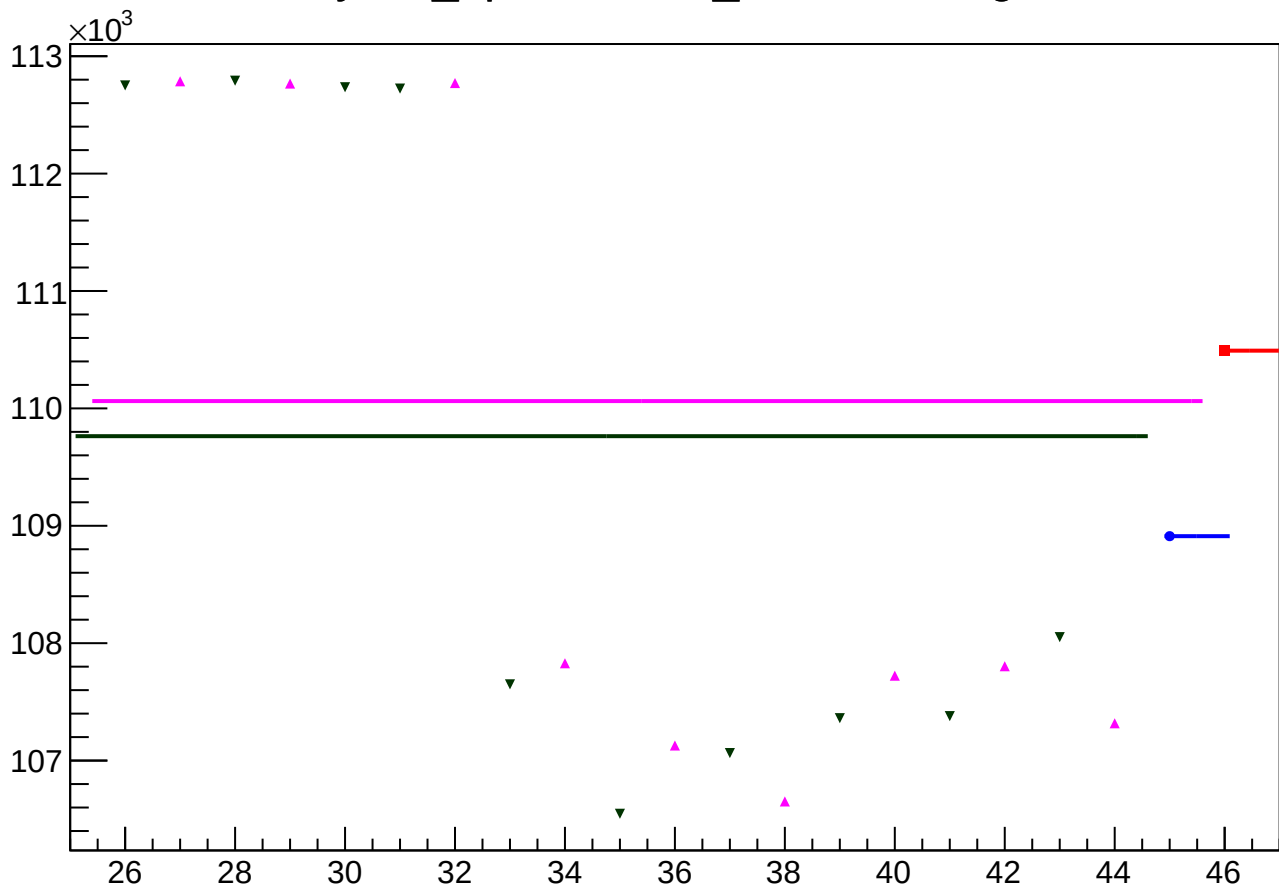
Right Out: 0.262 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.258 $\pm$ 0.000 χ^2/NDF : 49222.3/8

0.261 $\pm$ 0.000 χ^2/NDF : 55891.8/10

0.258 $\pm$ 0.000 χ^2/NDF : 49460.0/9

yield_bpm2i01WS_mean vs slug



Right In: 108911.533 $\pm$ 0.199 χ^2 /NDF: 0.0/0

Left Out: 109763.312 $\pm$ 0.054 χ^2 /NDF: 2585526424.9/9

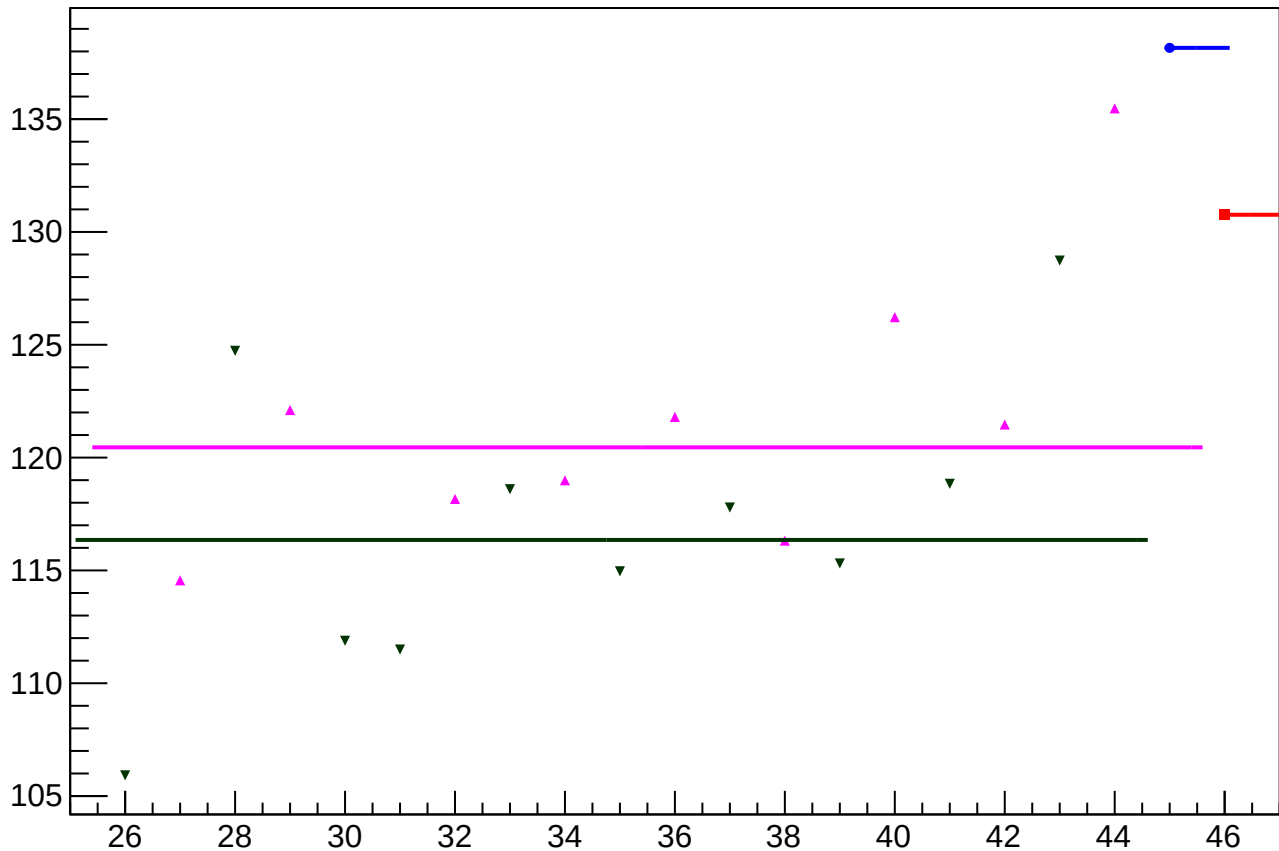
Right Out: 110491.770 $\pm$ 0.250 χ^2 /NDF: 0.0/0

Left In: 110062.231 $\pm$ 0.053 χ^2 /NDF: 2589926778.7/8

109705.494 $\pm$ 0.052 χ^2 /NDF: 2602535132.9/10

110080.898 $\pm$ 0.052 χ^2 /NDF: 2592752952.9/9

yield_bpm2i01WS_rms vs slug



Right In: 138.159 $\pm$ 0.141 χ^2 /NDF: 0.0/0

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

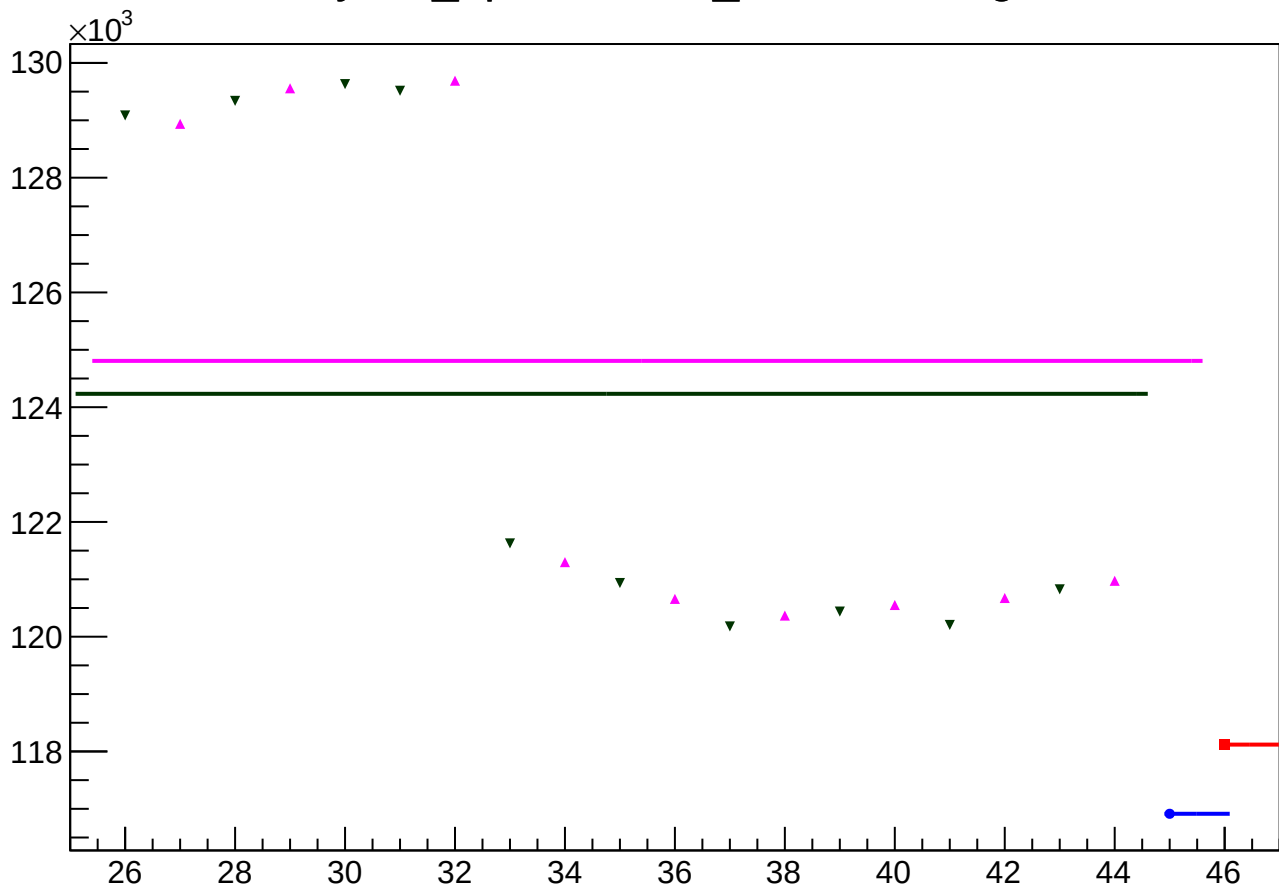
117.831 $\pm$ 0.037 χ^2 /NDF: 49140.8/10

Right Out: 130.762 $\pm$ 0.177 χ^2 /NDF: 0.0/0

120.902 $\pm$ 0.037 χ^2 /NDF: 22349.1/9

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

yield_bpm0i07WS_mean vs slug



Right In: 116913.634 $\pm$ 0.313 χ^2 /NDF: 0.0/0

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

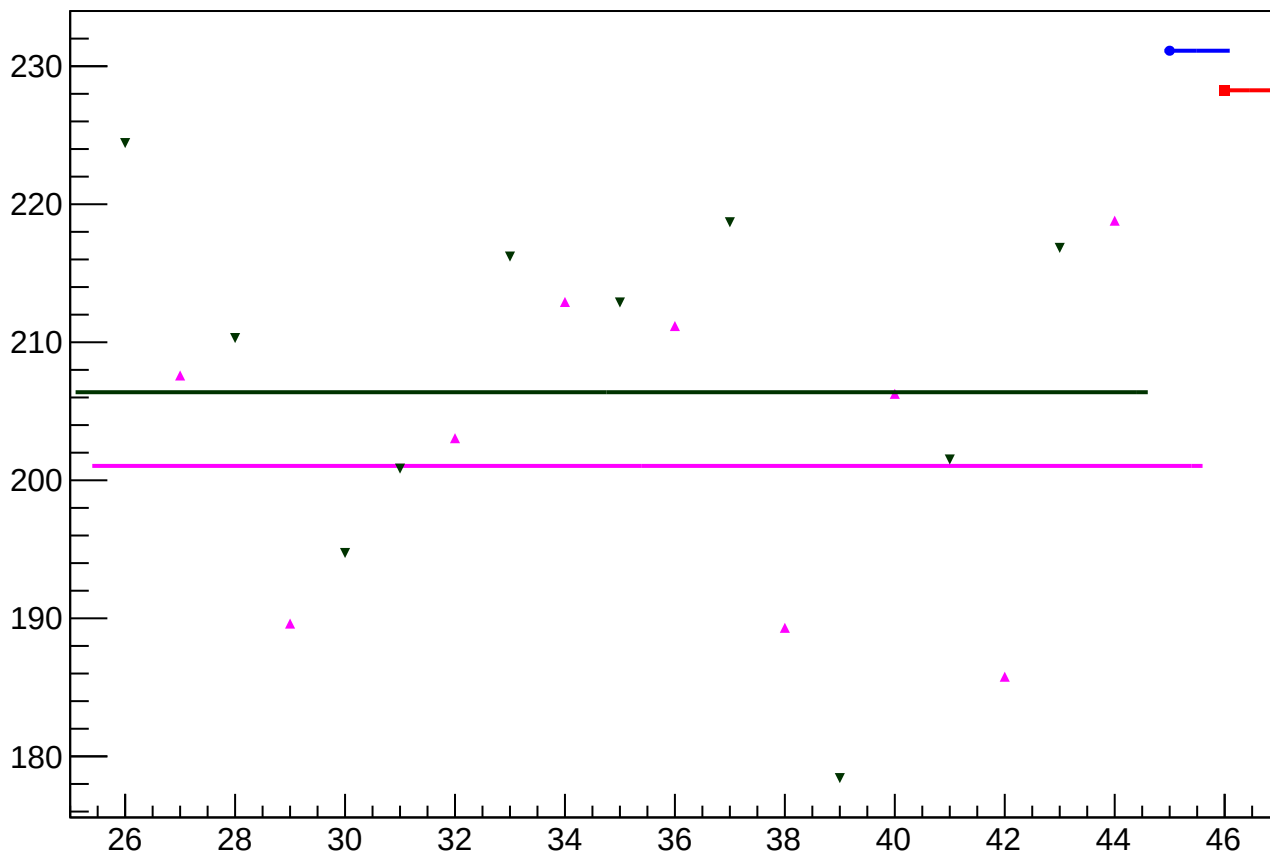
Right Out: 118119.320 $\pm$ 0.424 χ^2 /NDF: 0.0/0

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

123655.425 $\pm$ 0.088 χ^2 /NDF: 2719144184.8/10

124548.284 $\pm$ 0.083 χ^2 /NDF: 2849554731.2/9

yield_bpm0i07WS_rms vs slug



Right In: 231.122 $\pm$ 0.221 χ^2 /NDF: 0.0/0

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

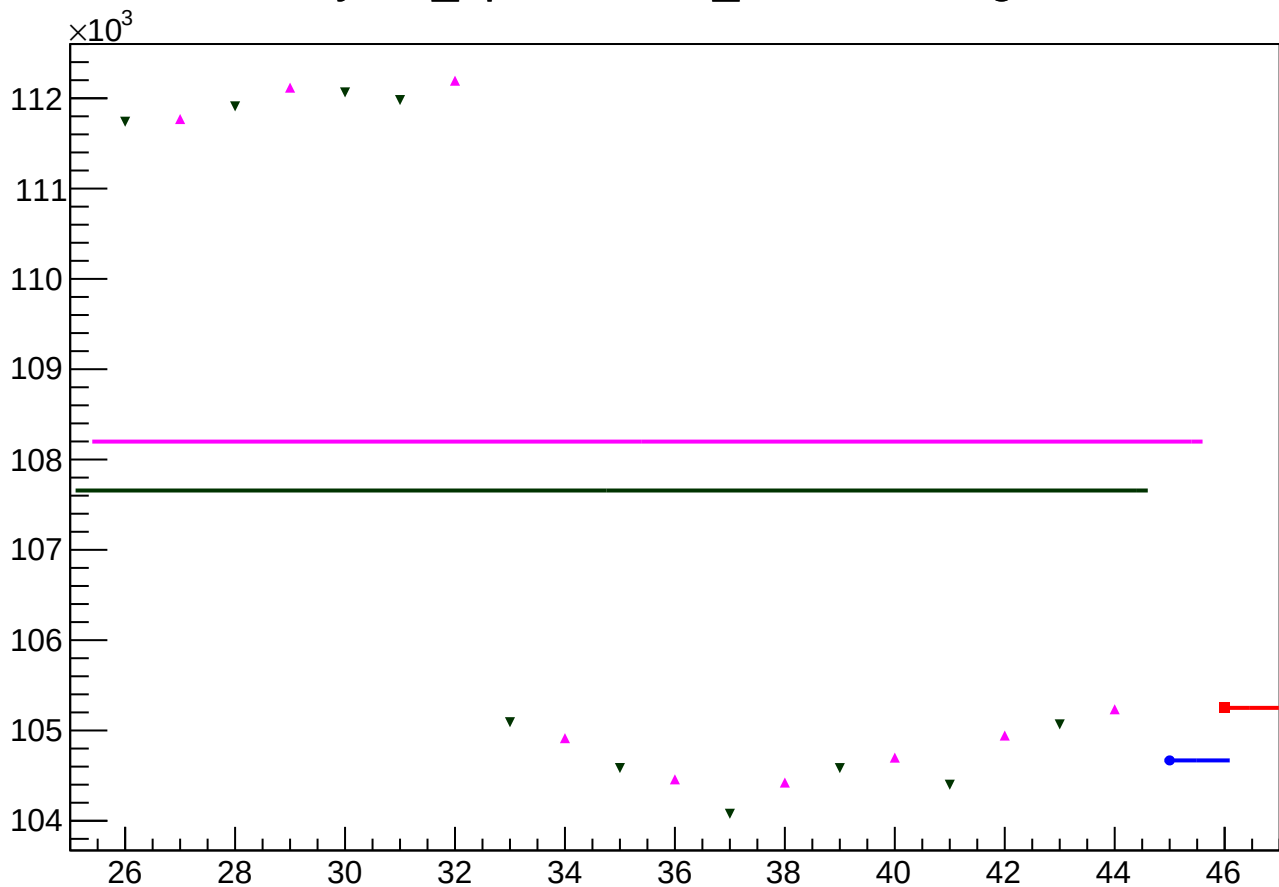
208.334 $\pm$ 0.062 χ^2 /NDF: 52678.6/10

Right Out: 228.255 $\pm$ 0.300 χ^2 /NDF: 0.0/0

202.095 $\pm$ 0.059 χ^2 /NDF: 39535.3/9

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

yield_bpm0l01WS_mean vs slug



Right In: 104668.570 $\pm$ 0.207 χ^2 /NDF: 0.0/0

Left Out: 107656.991 $\pm$ 0.050 χ^2 /NDF: 5135639688.0/9

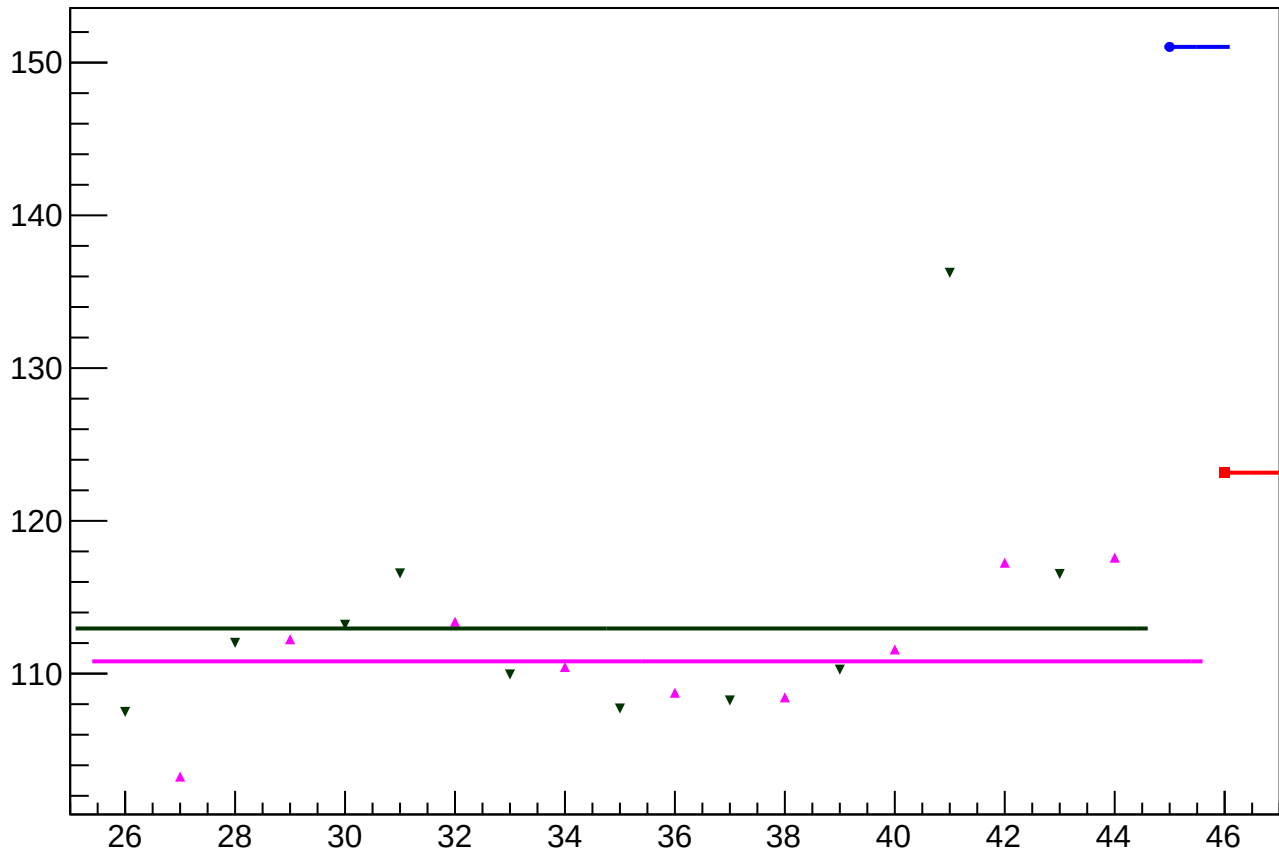
Right Out: 105250.282 $\pm$ 0.232 χ^2 /NDF: 0.0/0

Left In: 108198.580 $\pm$ 0.047 χ^2 /NDF: 5989856583.8/8

107489.784 $\pm$ 0.049 χ^2 /NDF: 5332630243.5/10

108083.109 $\pm$ 0.046 χ^2 /NDF: 6144712763.0/9

yield_bpm0l01WS_rms vs slug



Right In: 151.027 $\pm$ 0.146 χ^2 /NDF: 0.0/0

Left Out: 112.955 $\pm$ 0.036 χ^2 /NDF: 43068.9/9

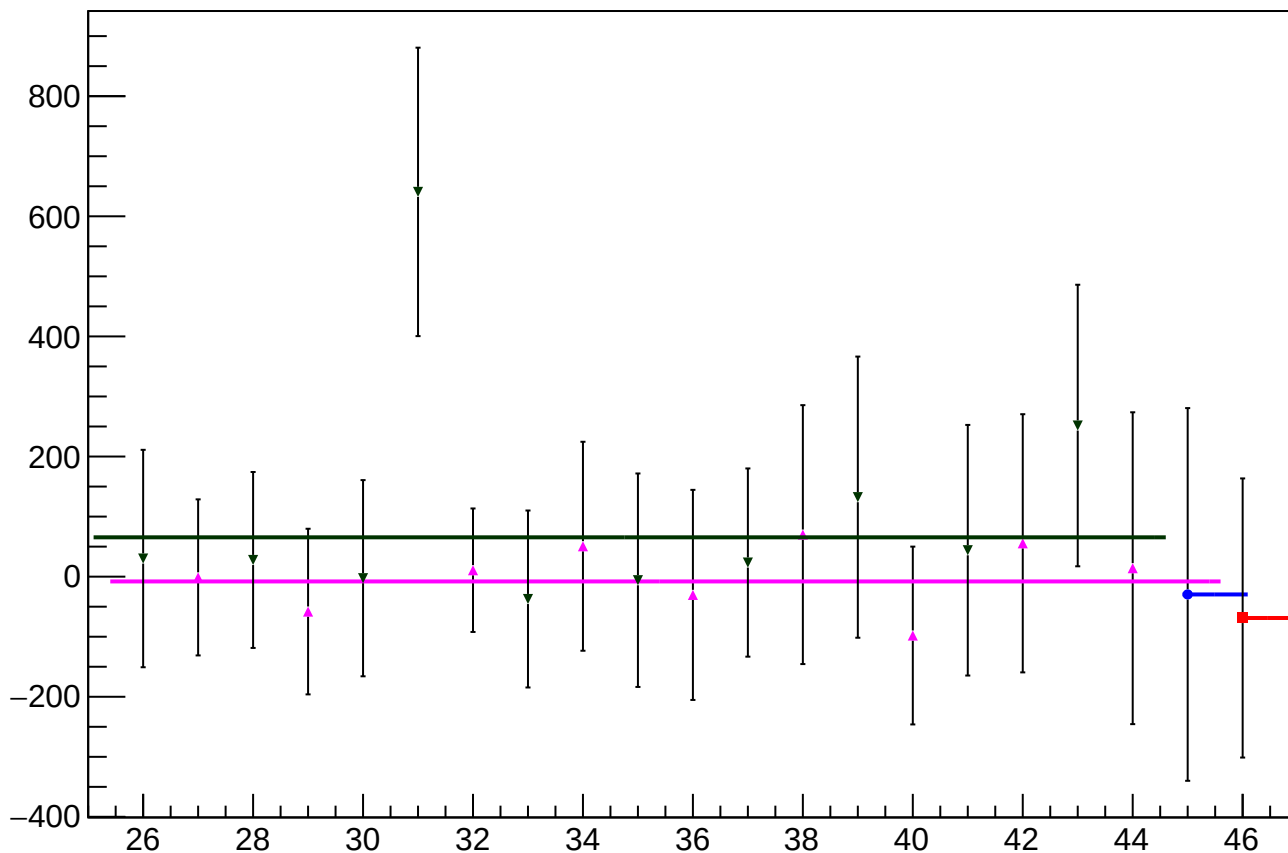
115.085 $\pm$ 0.035 χ^2 /NDF: 107015.6/10

Right Out: 123.155 $\pm$ 0.164 χ^2 /NDF: 0.0/0

111.287 $\pm$ 0.032 χ^2 /NDF: 22975.7/9

Left In: 110.804 $\pm$ 0.033 χ^2 /NDF: 17540.0/8

asym_bcm_an_ds_mean vs slug



Right In: -29.624+/-310.280 χ^2/NDF : 0.0/0

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

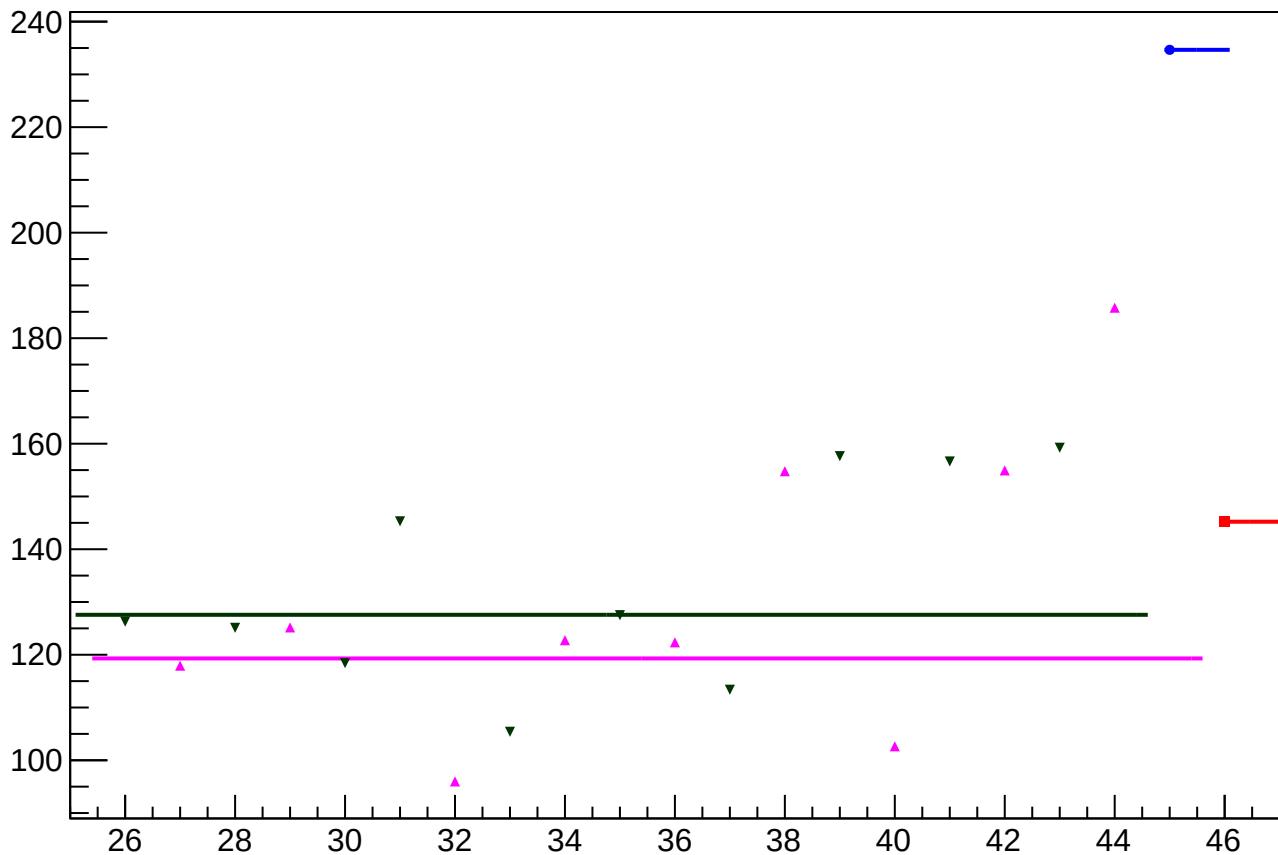
Right Out: -68.824+/-232.378 χ^2/NDF : 0.0/0

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

62.399+/-55.882 χ^2/NDF : 7.5/10

-10.825+/-50.358 χ^2/NDF : 1.0/9

asym_bcm_an_ds_rms vs slug



Right In: 234.656+/-0.219 χ^2/NDF : 0.0/0

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

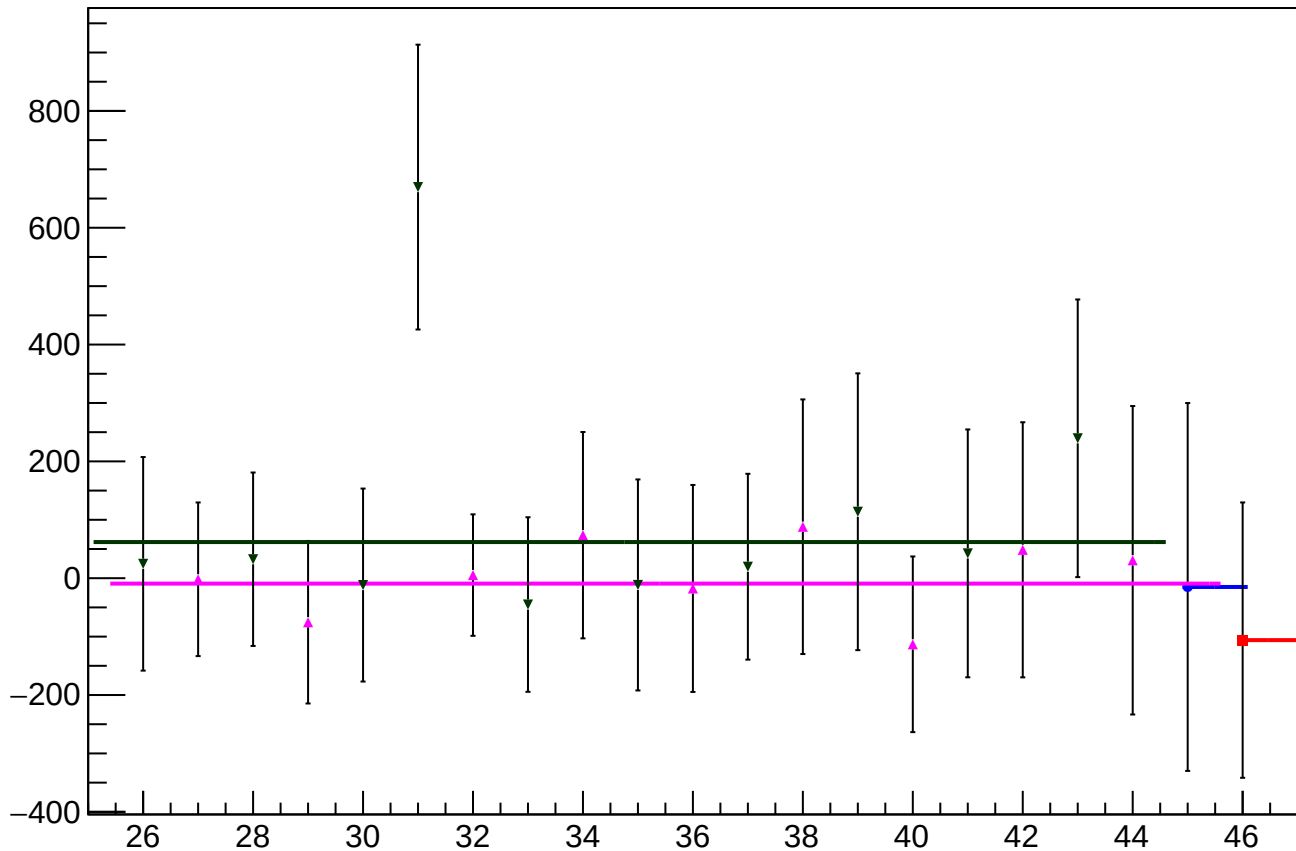
Right Out: 145.214+/-0.164 χ^2/NDF : 0.0/0

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

131.045+/-0.040 χ^2/NDF : 418398.6/10

120.516+/-0.036 χ^2/NDF : 397416.8/9

asym_bcm_an_ds3_mean vs slug



Right In: -15.022+/-314.916 χ^2/NDF : 0.0/0

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

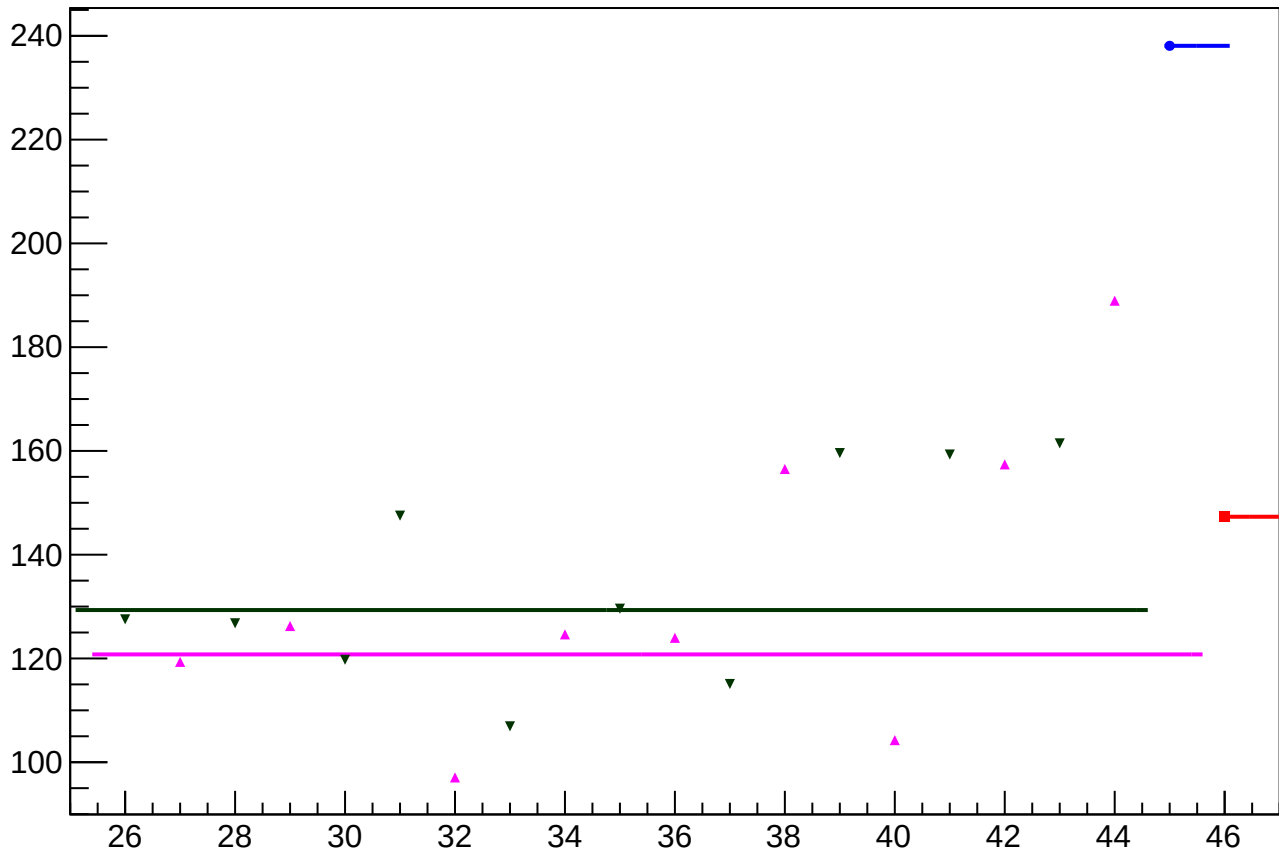
Right Out: -106.011+/-235.714 χ^2/NDF : 0.0/0

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

59.398+/-56.660 χ^2/NDF : 7.9/10

-13.794+/-51.003 χ^2/NDF : 1.4/9

asym_bcm_an_ds3_rms vs slug



Right In: 238.080 $\pm$ 0.223 χ^2 /NDF: 0.0/0

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

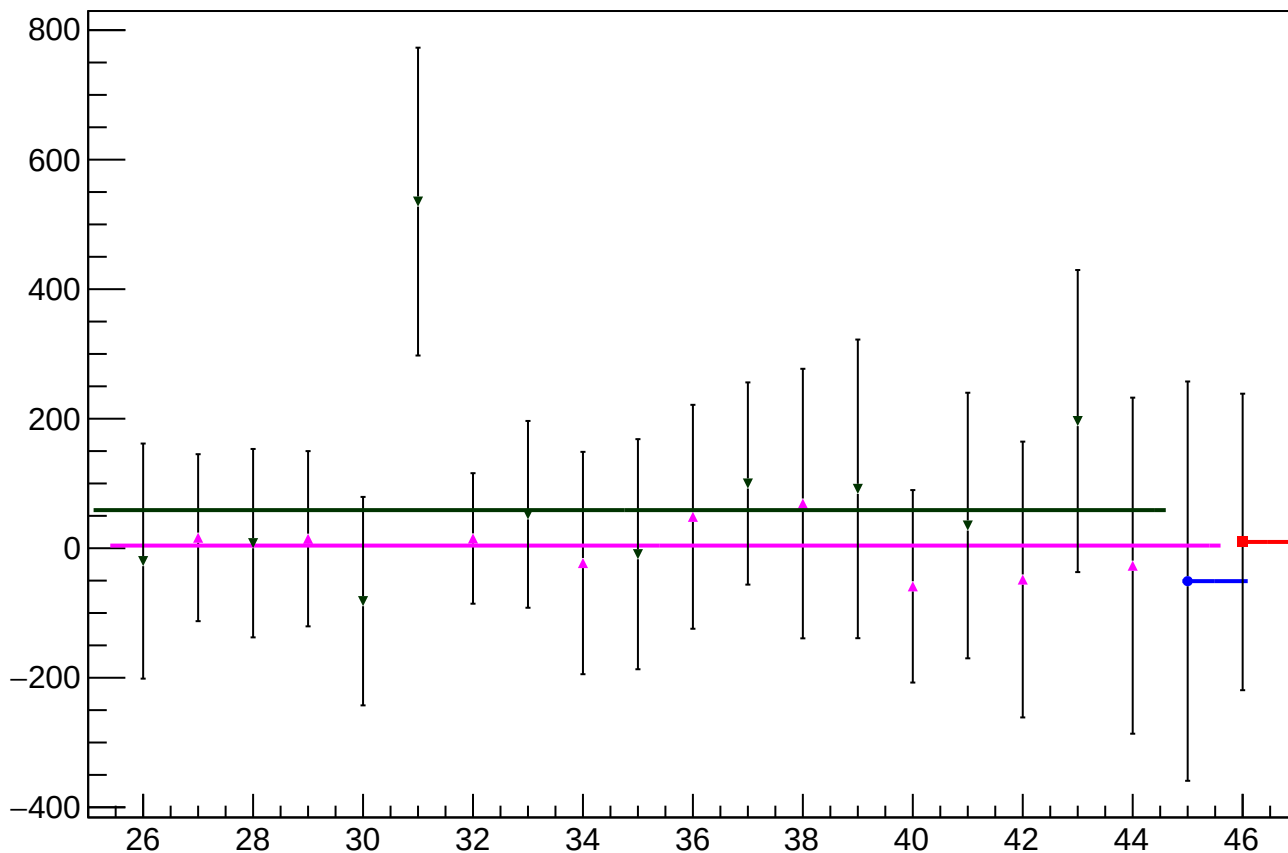
132.851 $\pm$ 0.040 χ^2 /NDF: 419542.9/10

Right Out: 147.314 $\pm$ 0.167 χ^2 /NDF: 0.0/0

122.023 $\pm$ 0.036 χ^2 /NDF: 400580.0/9

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

asym_bcm_an_us_mean vs slug



Right In: -50.811+/-308.299 χ^2/NDF : 0.0/0

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

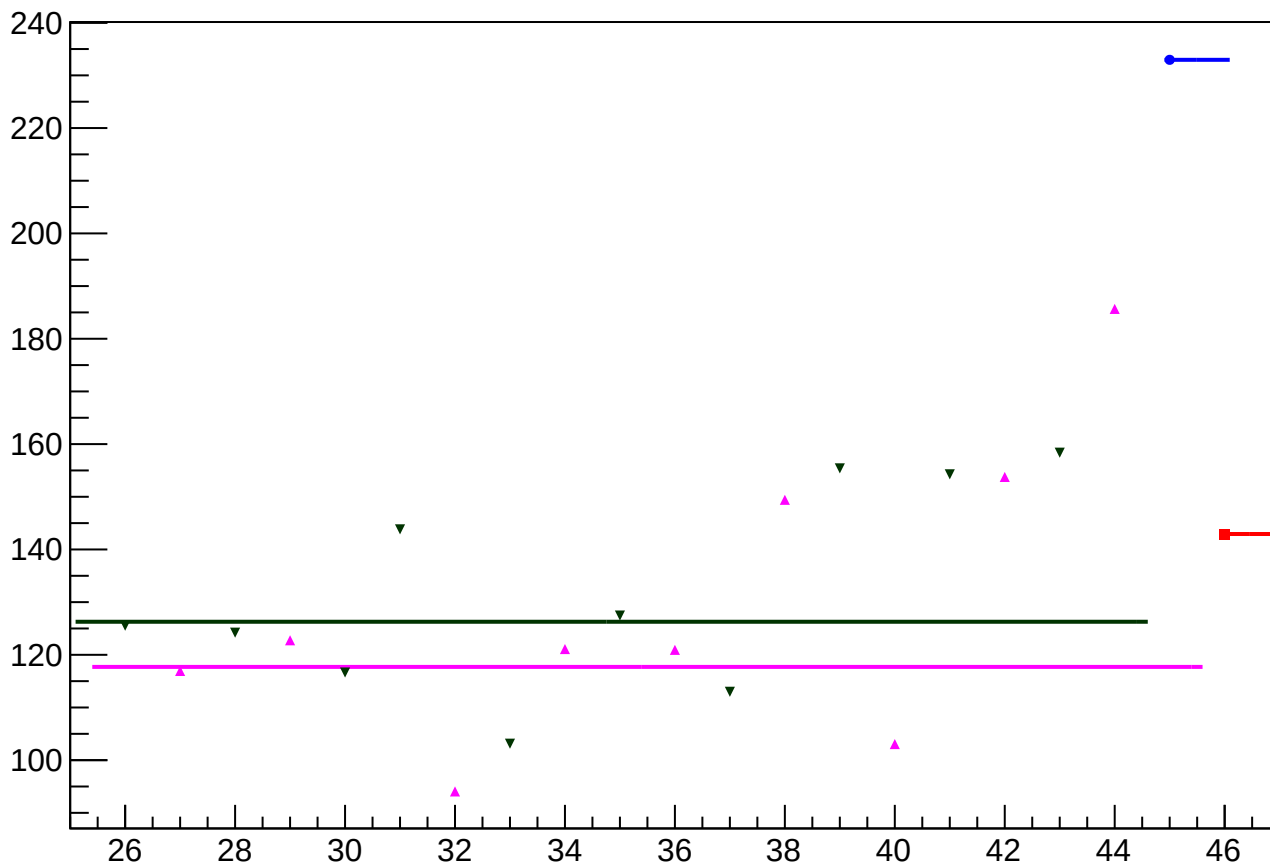
Right Out: 9.707+/-228.912 χ^2/NDF : 0.0/0

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

55.314+/-55.367 χ^2/NDF : 5.8/10

4.362+/-49.689 χ^2/NDF : 0.5/9

asym_bcm_an_us_rms vs slug



Right In: 232.952 $\pm$ 0.218 χ^2 /NDF: 0.0/0

Left Out: 126.276 $\pm$ 0.040 χ^2 /NDF:191667.2/9

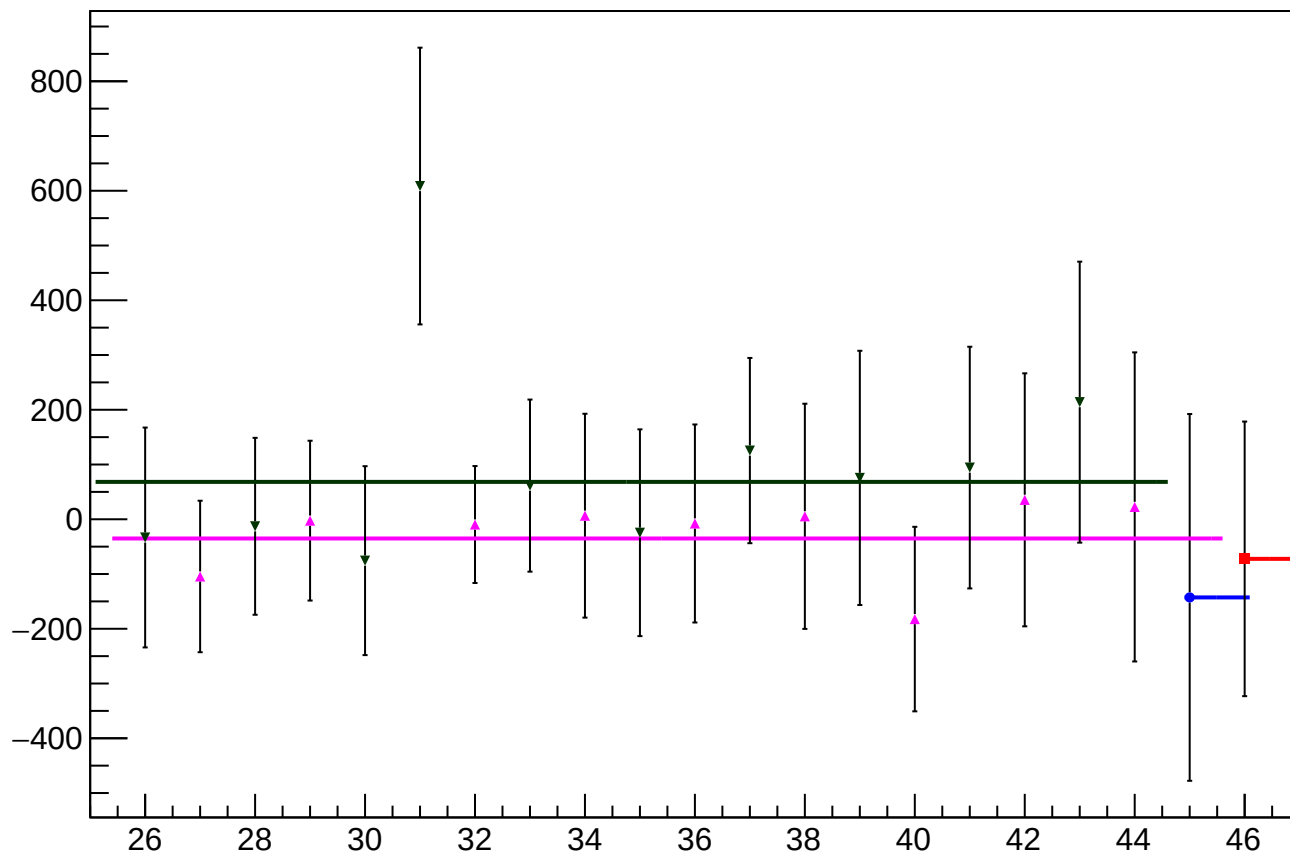
Right Out: 142.935 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Left In: 117.706 $\pm$ 0.036 χ^2 /NDF:374878.6/8

129.717 $\pm$ 0.039 χ^2 /NDF: 423394.2/10

118.894 $\pm$ 0.035 χ^2 /NDF: 398028.5/9

asym_bcm_dg_us_mean vs slug



Right In: -142.734+/-334.942 χ^2/NDF : 0.0/0

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

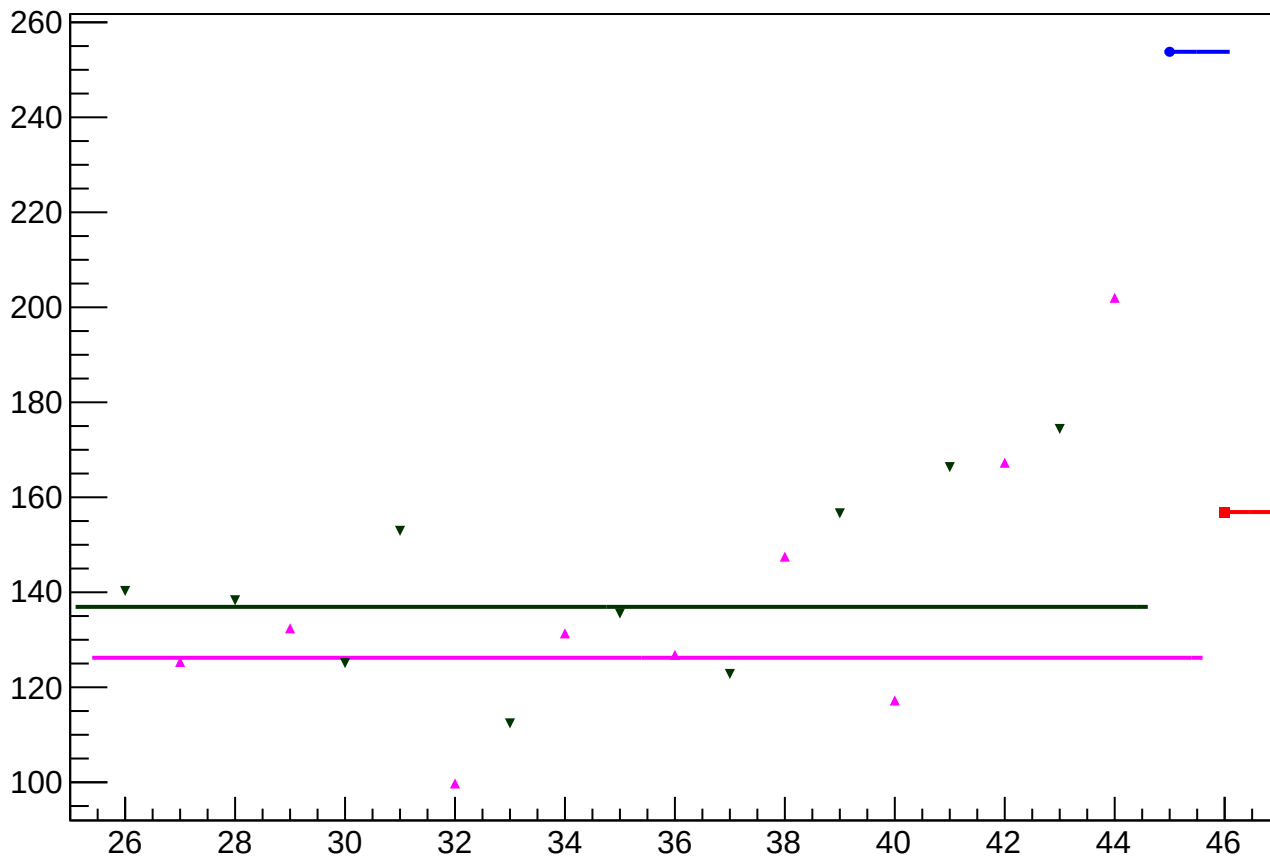
Right Out: -72.309+/-250.782 χ^2/NDF : 0.0/0

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

61.539+/-59.868 χ^2/NDF : 6.9/10

-36.775+/-53.272 χ^2/NDF : 1.4/9

asym_bcm_dg_us_rms vs slug



Right In: 253.794 $\pm$ 0.237 χ^2/NDF : 0.0/0

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

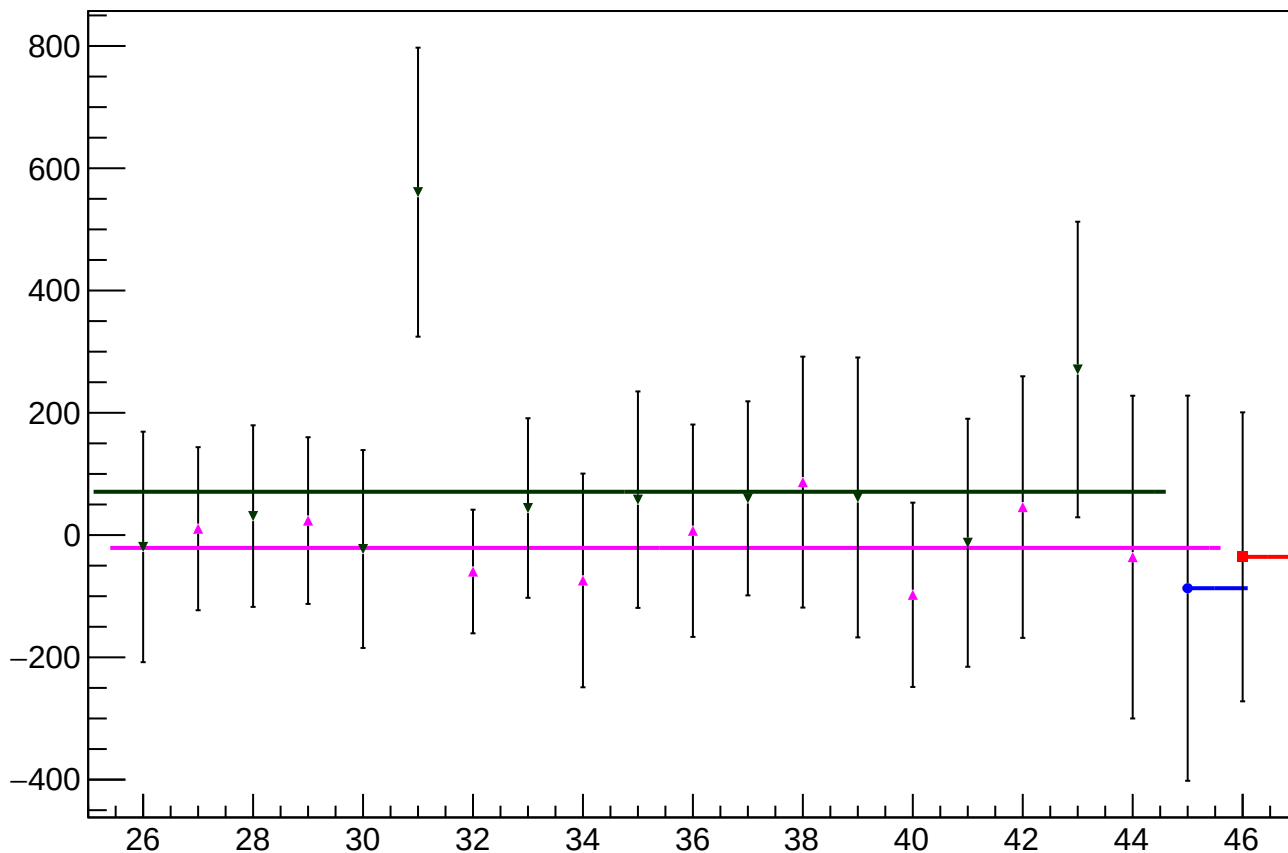
140.665 $\pm$ 0.042 χ^2/NDF : 409159.4/10

Right Out: 156.893 $\pm$ 0.177 χ^2/NDF : 0.0/0

127.597 $\pm$ 0.038 χ^2/NDF : 391132.7/9

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

asym_bcm_dg_ds_mean vs slug



Right In: -86.922 $\pm$ 315.012 χ^2 /NDF: 0.0/0

Left Out: 70.831 $\pm$ 56.980 χ^2 /NDF: 5.8/9

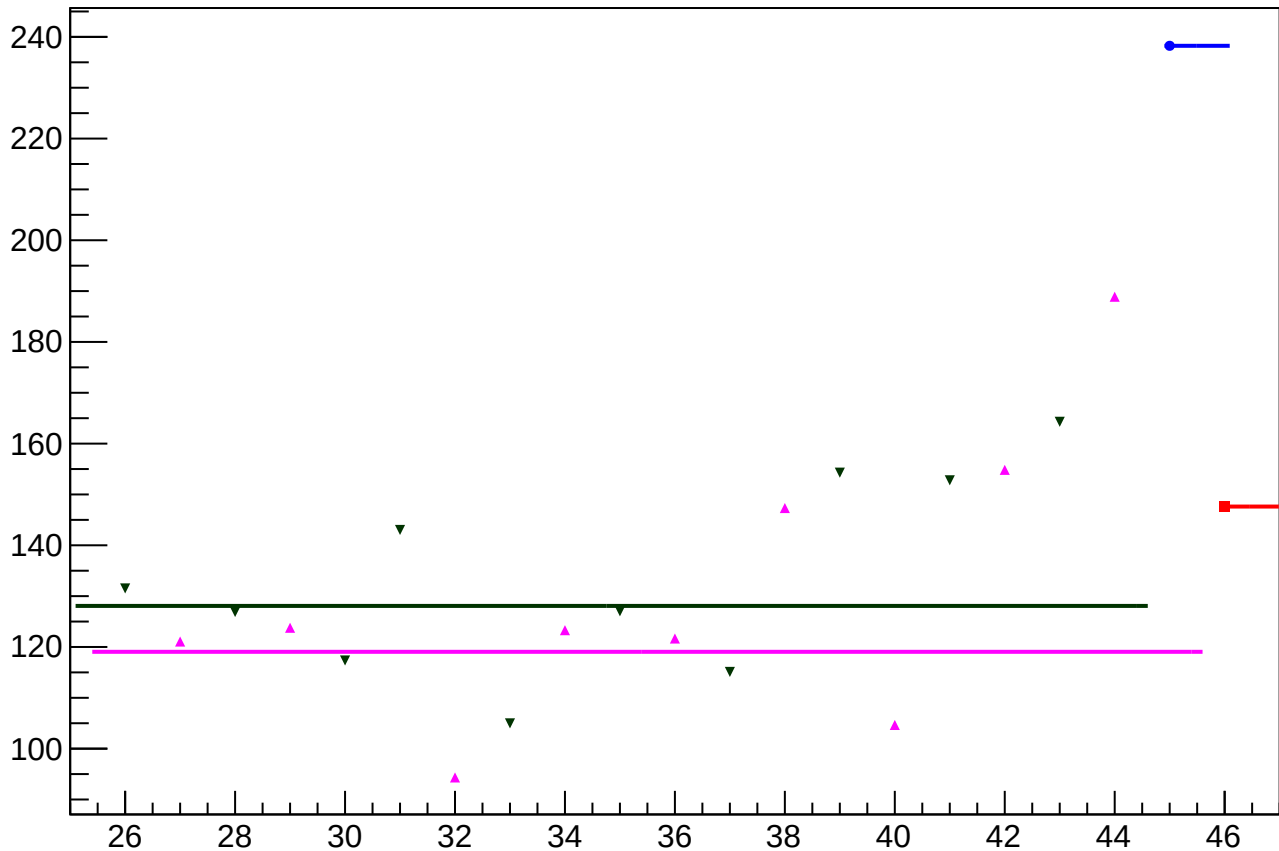
Right Out: -35.607 $\pm$ 236.339 χ^2 /NDF: 0.0/0

Left In: -20.980 $\pm$ 51.456 χ^2 /NDF: 1.1/8

65.833 $\pm$ 56.071 χ^2 /NDF: 6.1/10

-21.642 $\pm$ 50.278 χ^2 /NDF: 1.1/9

asym_bcm_dg_ds_rms vs slug



Right In: 238.247+/-0.223 χ^2/NDF : 0.0/0

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

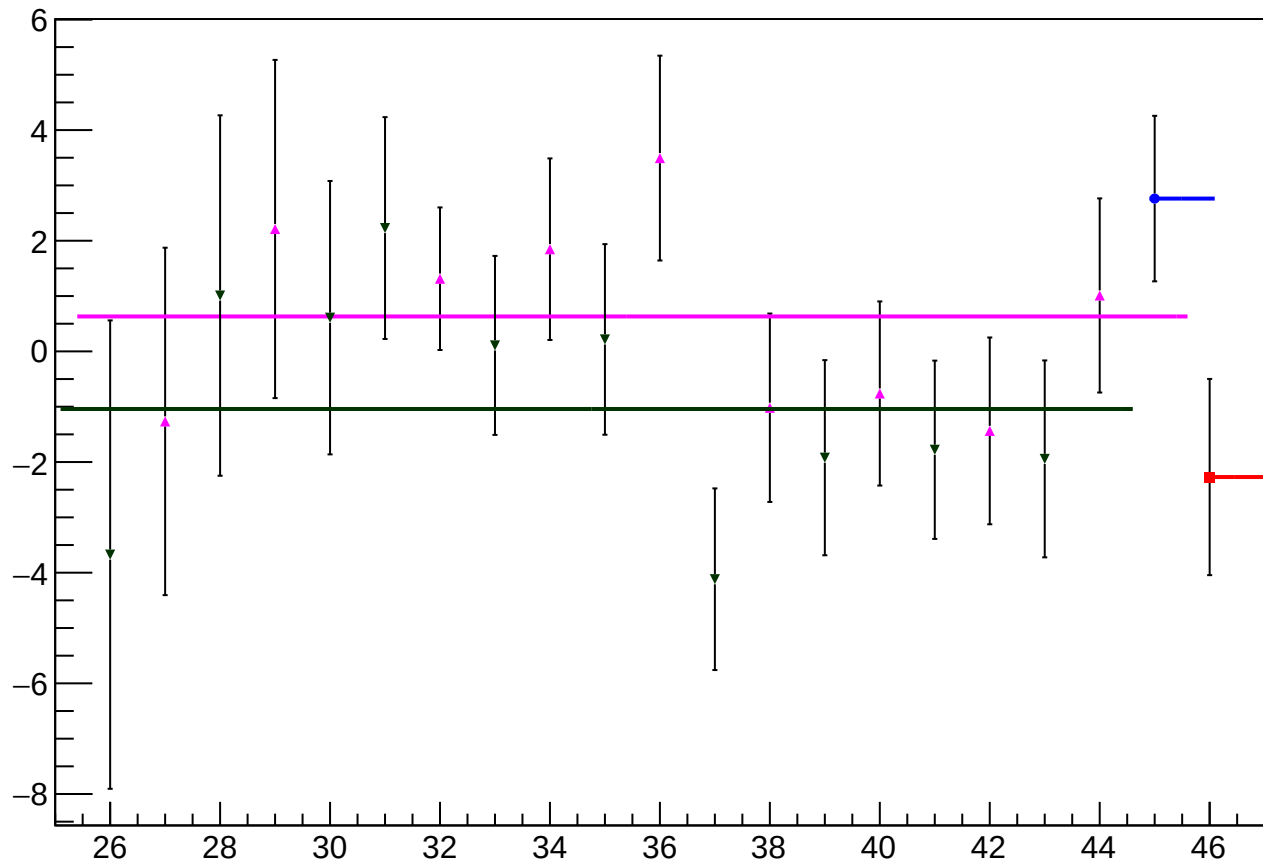
131.568+/-0.040 χ^2/NDF : 418148.2/10

Right Out: 147.620+/-0.167 χ^2/NDF : 0.0/0

120.342+/-0.036 χ^2/NDF : 404074.4/9

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

asym_cav4bQ_mean vs slug



Right In: 2.762 ± 1.496 χ^2/NDF : 0.0/0

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

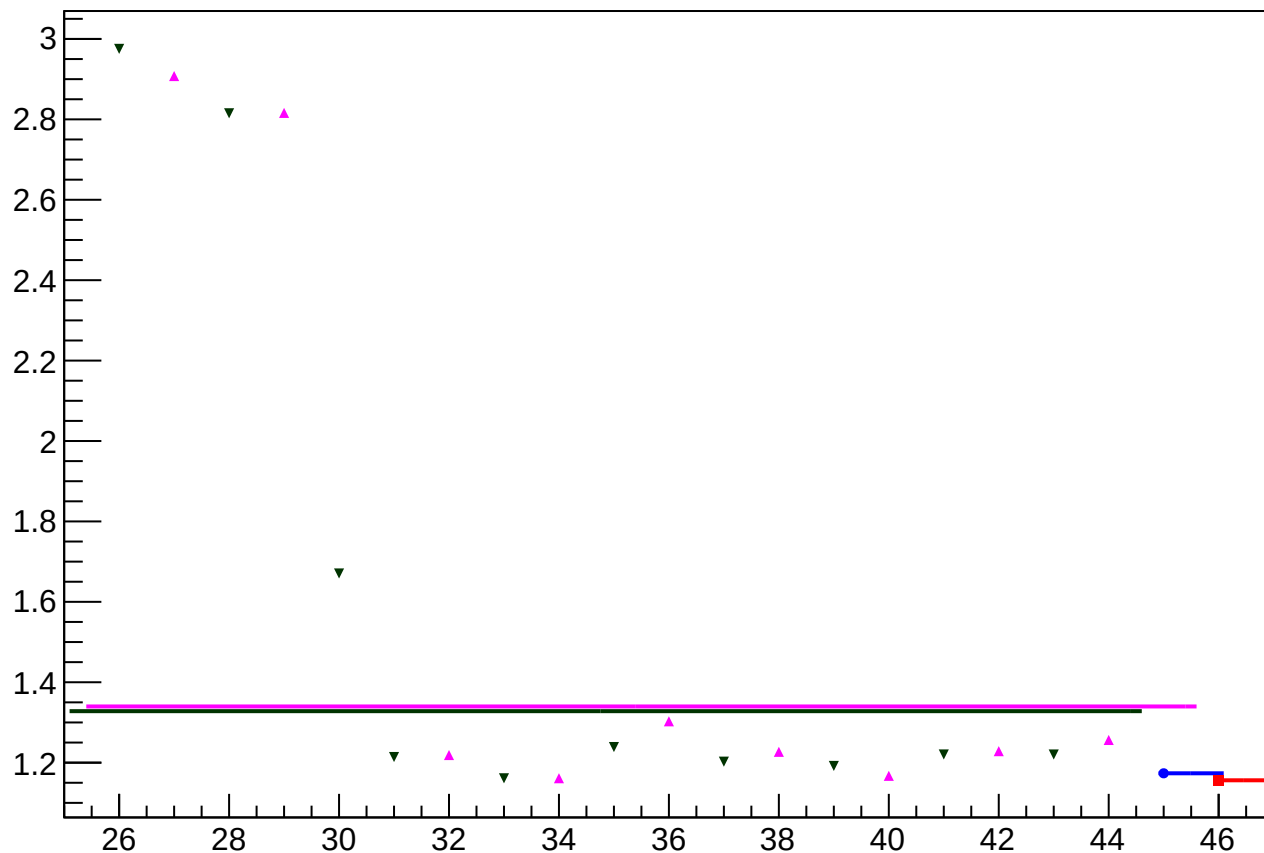
Right Out: -2.271 ± 1.773 χ^2/NDF : 0.0/0

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

-0.497 ± 0.566 χ^2/NDF : 14.7/10

0.341 ± 0.561 χ^2/NDF : 9.5/9

asym_cav4bQ_rms vs slug



Right In: 1.174 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 1.328 $\pm$ 0.000 χ^2 /NDF:831193.5/9

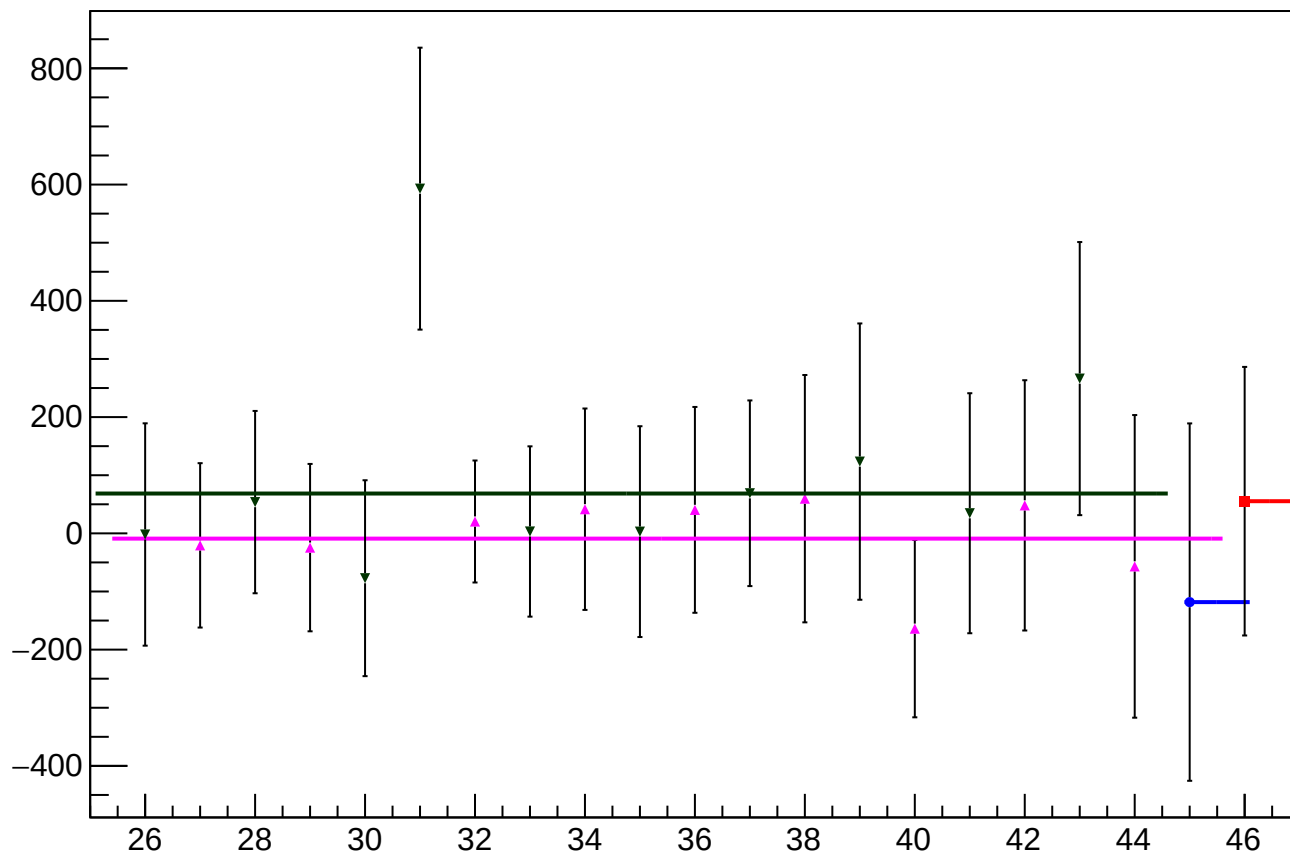
Right Out: 1.156 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left In: 1.340 $\pm$ 0.000 χ^2 /NDF:1050932.3/8

1.306 $\pm$ 0.000 χ^2 /NDF: 849482.3/10

1.321 $\pm$ 0.000 χ^2 /NDF: 1070229.7/9

asym_cav4cQ_mean vs slug



Right In: -118.256+/-307.394 χ^2/NDF : 0.0/0

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

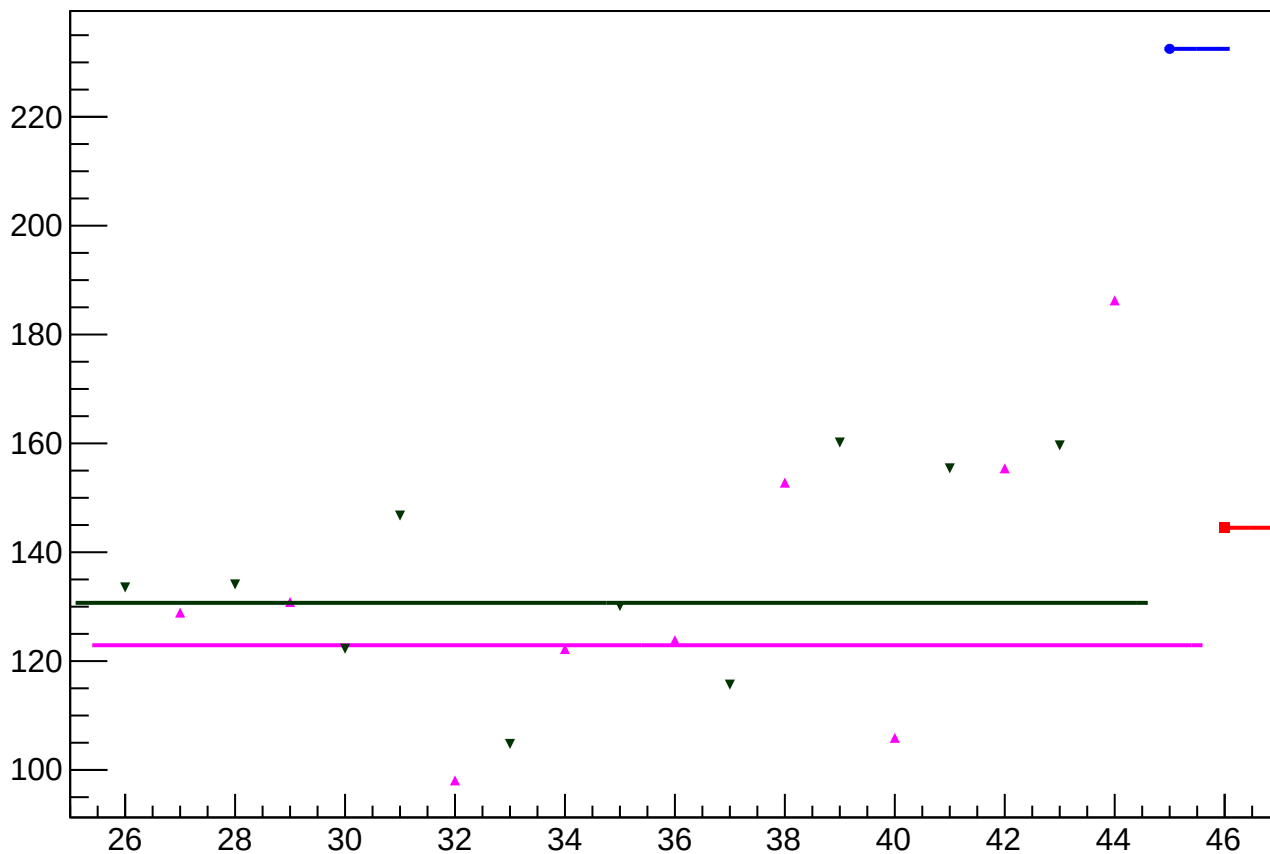
Right Out: 55.332+/-230.999 χ^2/NDF : 0.0/0

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

62.072+/-57.133 χ^2/NDF : 7.0/10

-5.824+/-51.674 χ^2/NDF : 1.6/9

asym_cav4cQ_rms vs slug



Right In: 232.488+/-0.217 χ^2/NDF : 0.0/0

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

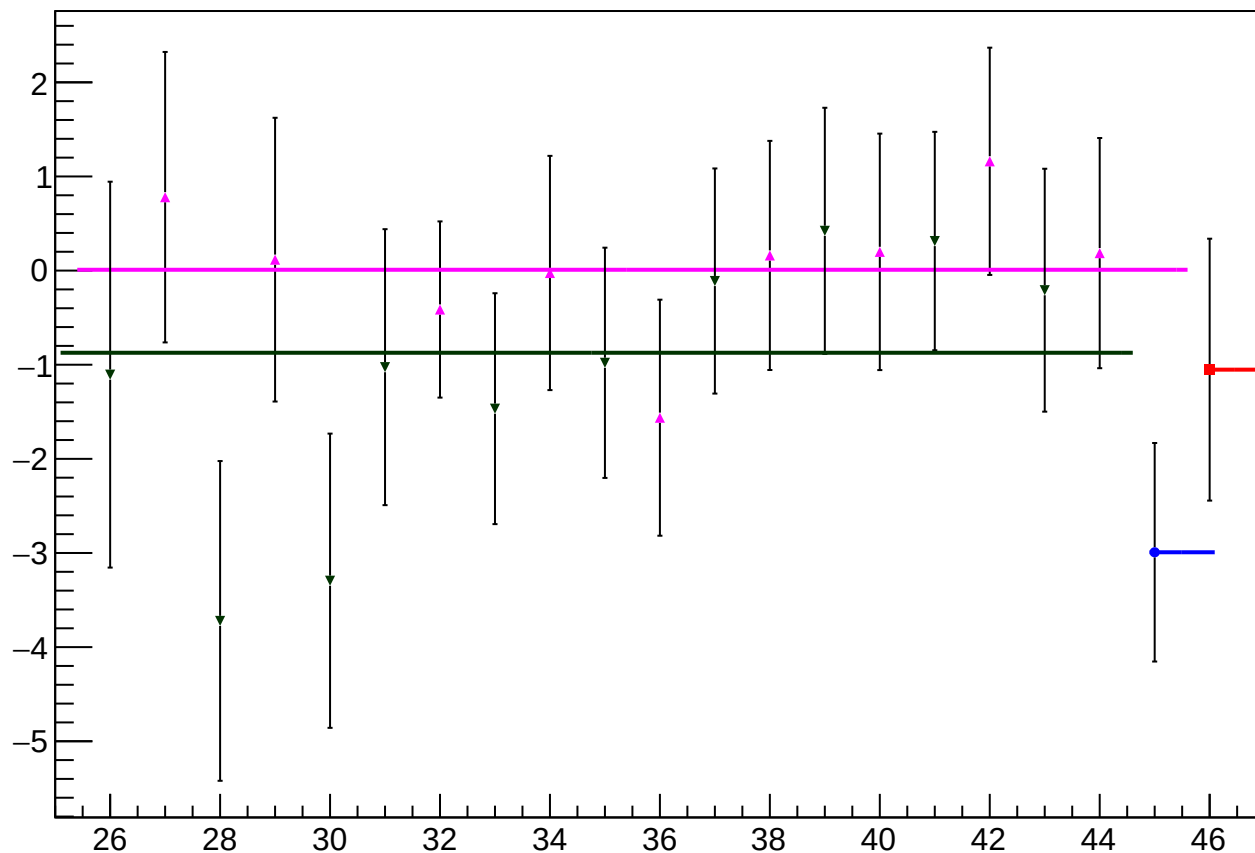
Right Out: 144.497+/-0.163 χ^2/NDF : 0.0/0

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

134.220+/-0.040 χ^2/NDF : 396905.4/10

123.994+/-0.037 χ^2/NDF : 366866.4/9

asym_cav4dQ_mean vs slug



Right In: -2.992 $\pm$ 1.161 χ^2/NDF : 0.0/0

Left Out: -0.873 $\pm$ 0.429 χ^2/NDF : 8.2/9

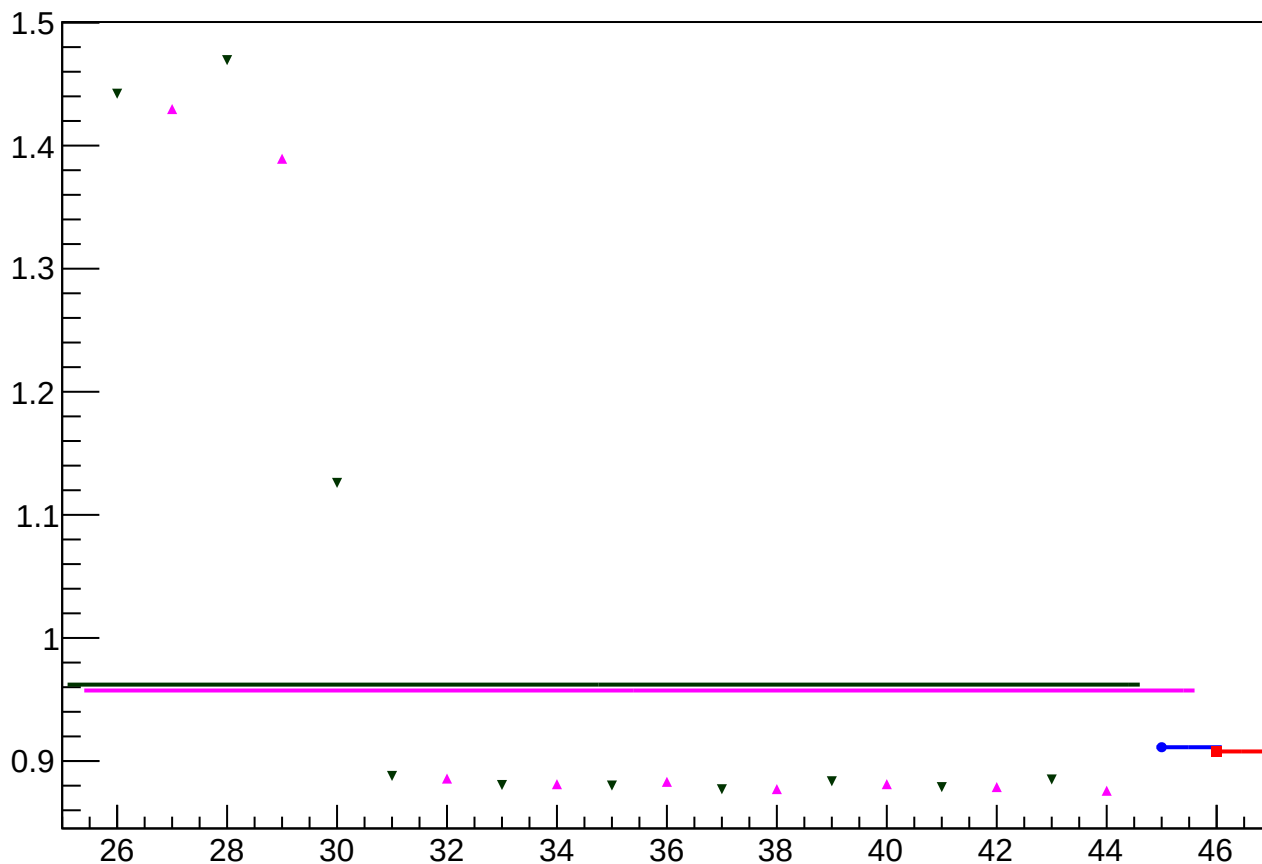
Right Out: -1.052 $\pm$ 1.391 χ^2/NDF : 0.0/0

Left In: 0.009 $\pm$ 0.410 χ^2/NDF : 3.0/8

-1.128 $\pm$ 0.403 χ^2/NDF : 11.1/10

-0.076 $\pm$ 0.393 χ^2/NDF : 3.5/9

asym_cav4dQ_rms vs slug



Right In: 0.911+/-0.001 χ^2/NDF : 0.0/0

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

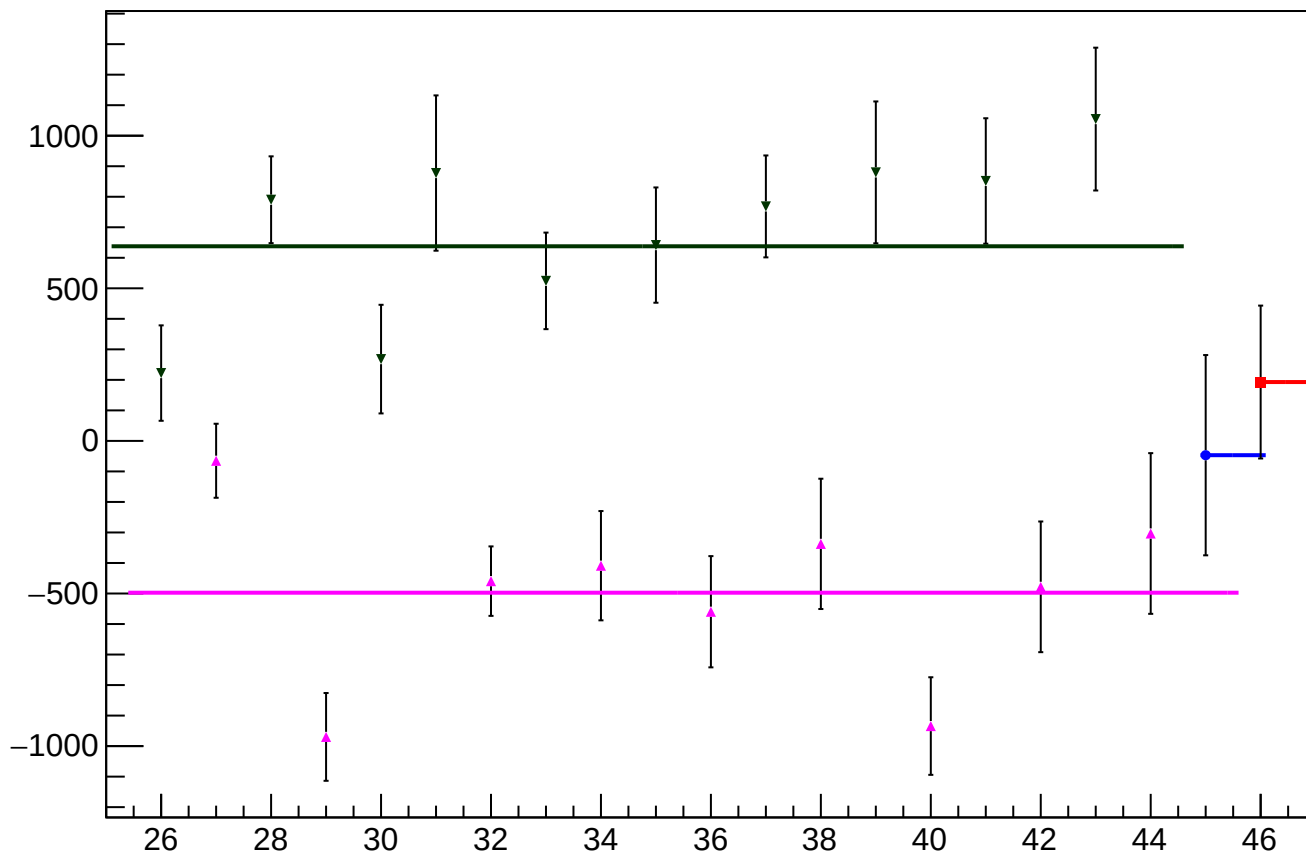
Right Out: 0.908+/-0.001 χ^2/NDF : 0.0/0

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

0.956+/-0.000 χ^2/NDF : 371254.2/10

0.953+/-0.000 χ^2/NDF : 413611.8/9

asym_bcm0l02_mean vs slug



Right In: -46.786 $\pm$ 328.106 χ^2 /NDF: 0.0/0

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

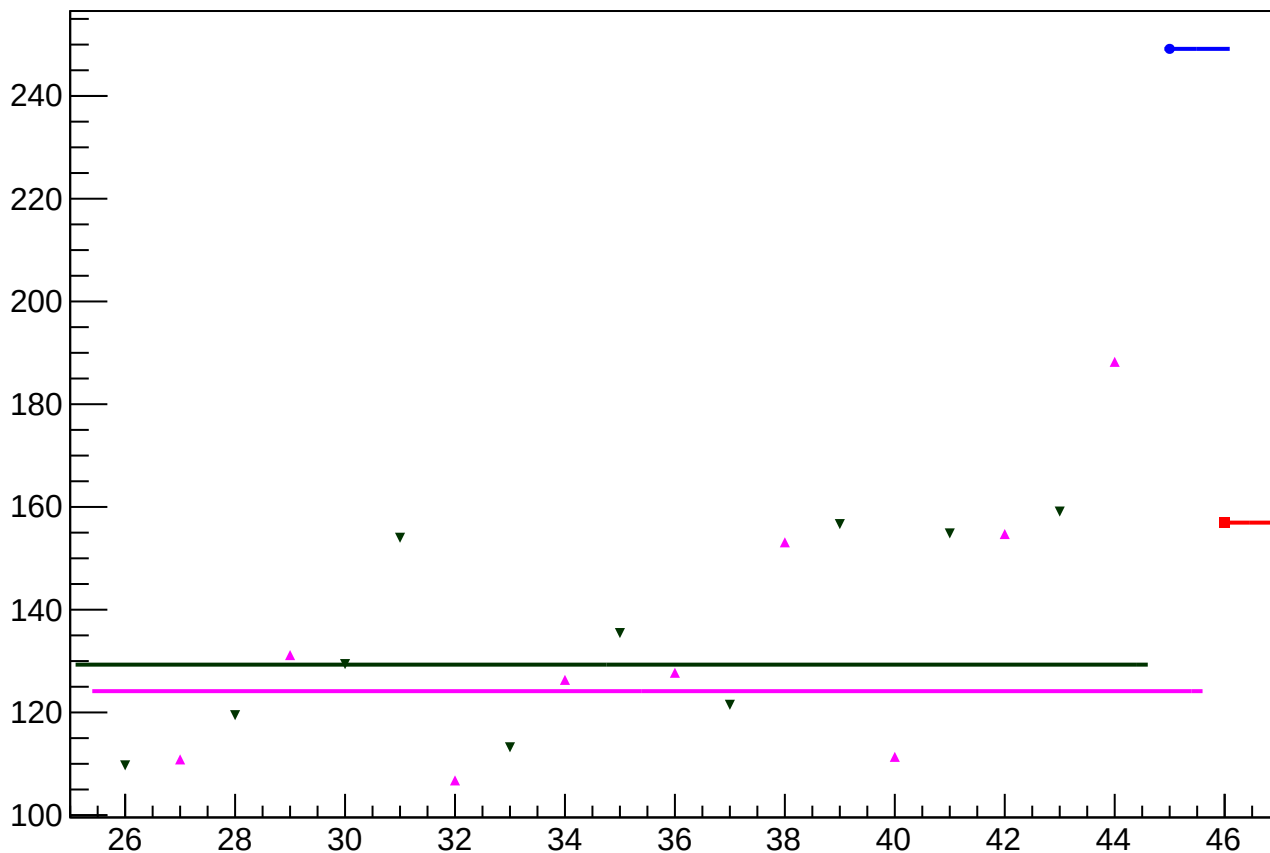
Right Out: 192.873 $\pm$ 250.473 χ^2 /NDF: 0.0/0

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

617.258 $\pm$ 56.705 χ^2 /NDF: 24.1/10

-467.486 $\pm$ 52.121 χ^2 /NDF: 39.8/9

asym_bcm0l02_rms vs slug



Right In: 249.168+/-0.232 χ^2/NDF : 0.0/0

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

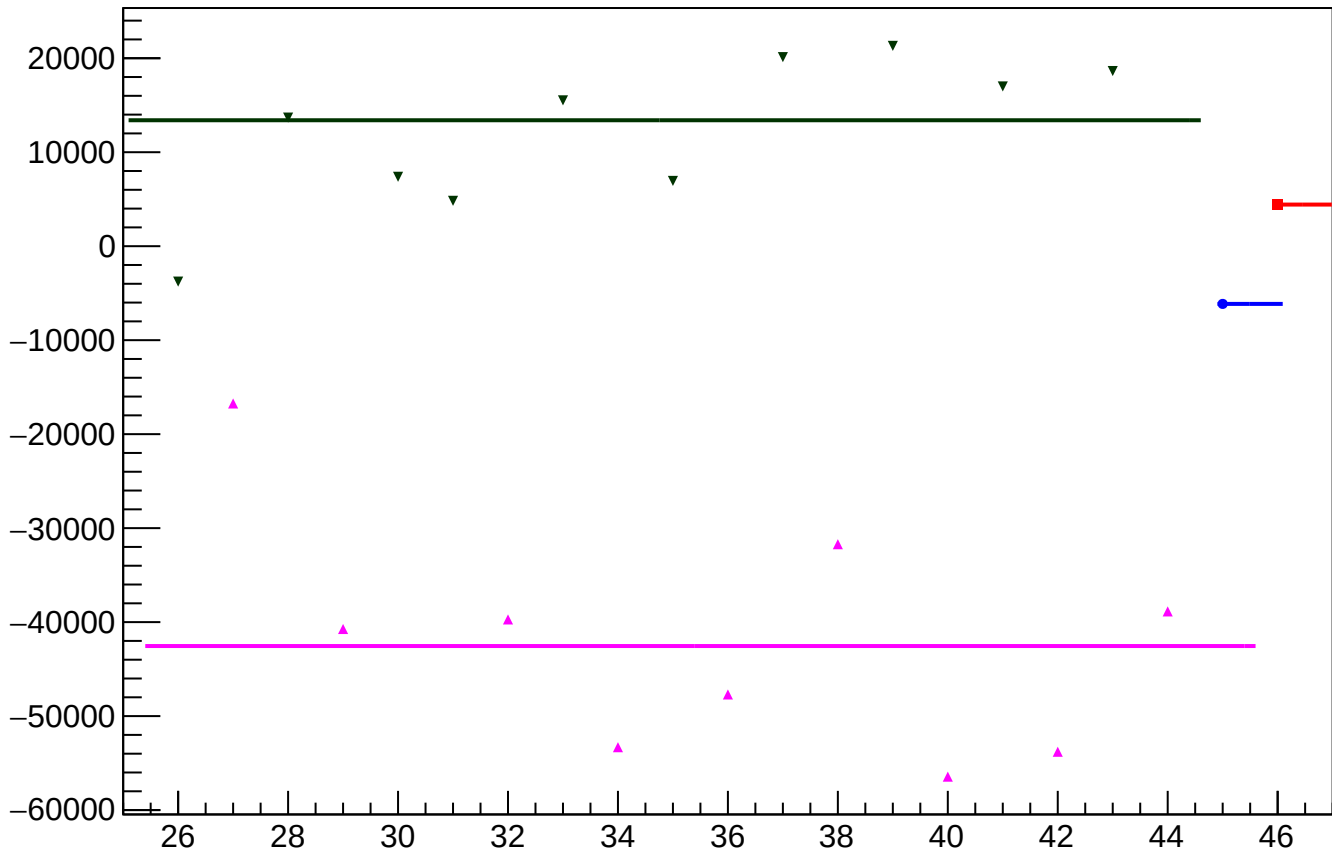
Right Out: 156.950+/-0.177 χ^2/NDF : 0.0/0

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

132.885+/-0.040 χ^2/NDF : 437043.9/10

125.565+/-0.037 χ^2/NDF : 318313.9/9

asym_bpm2i01WS_mean vs slug



Right In: -6140.989+/-134.081 χ^2/NDF : 0.0/0

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

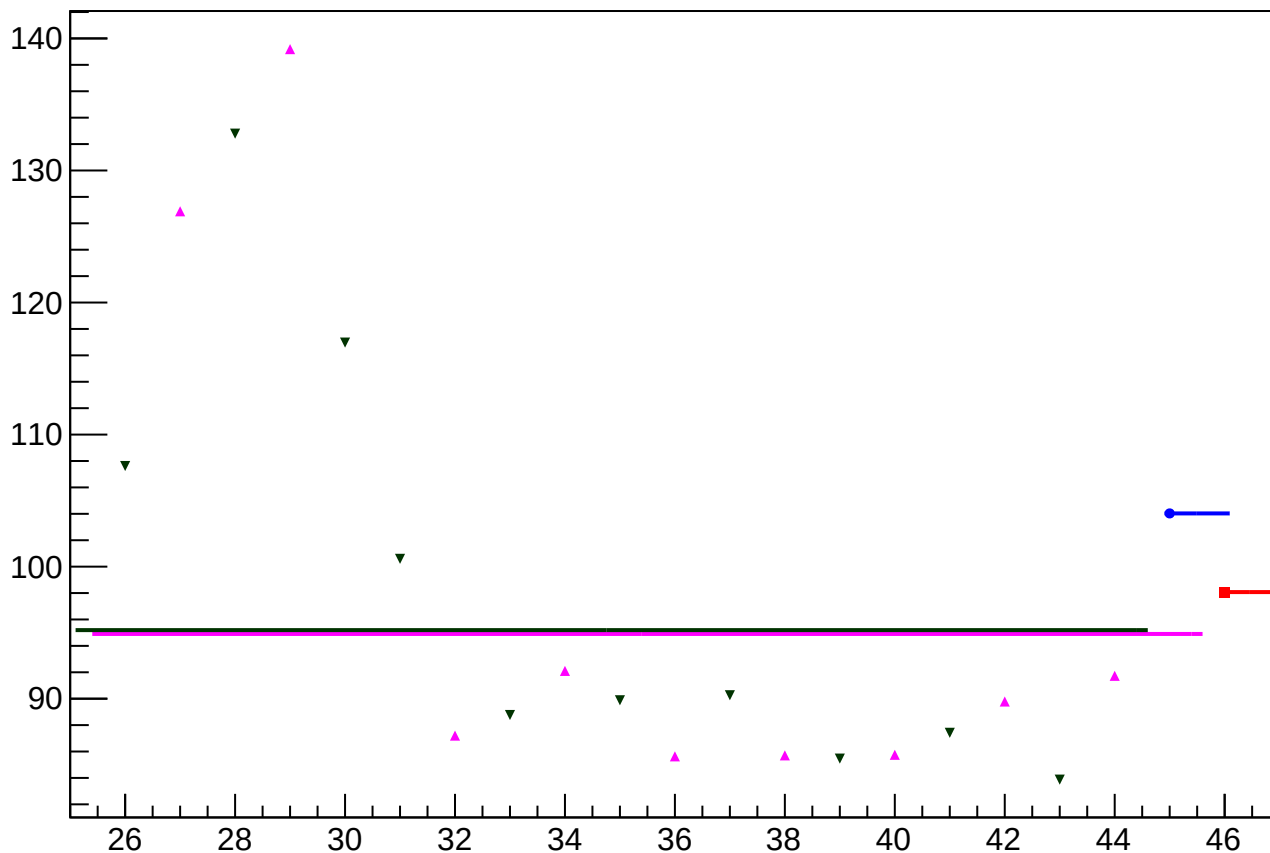
11581.969+/-40.902 χ^2/NDF : 47995.5/10

Right Out: 4428.084+/-152.638 χ^2/NDF : 0.0/0

-39323.367+/-39.973 χ^2/NDF : 159553.2/9

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

asym_bpm2i01WS_rms vs slug



Right In: 104.030+/-0.095 χ^2/NDF : 0.0/0

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

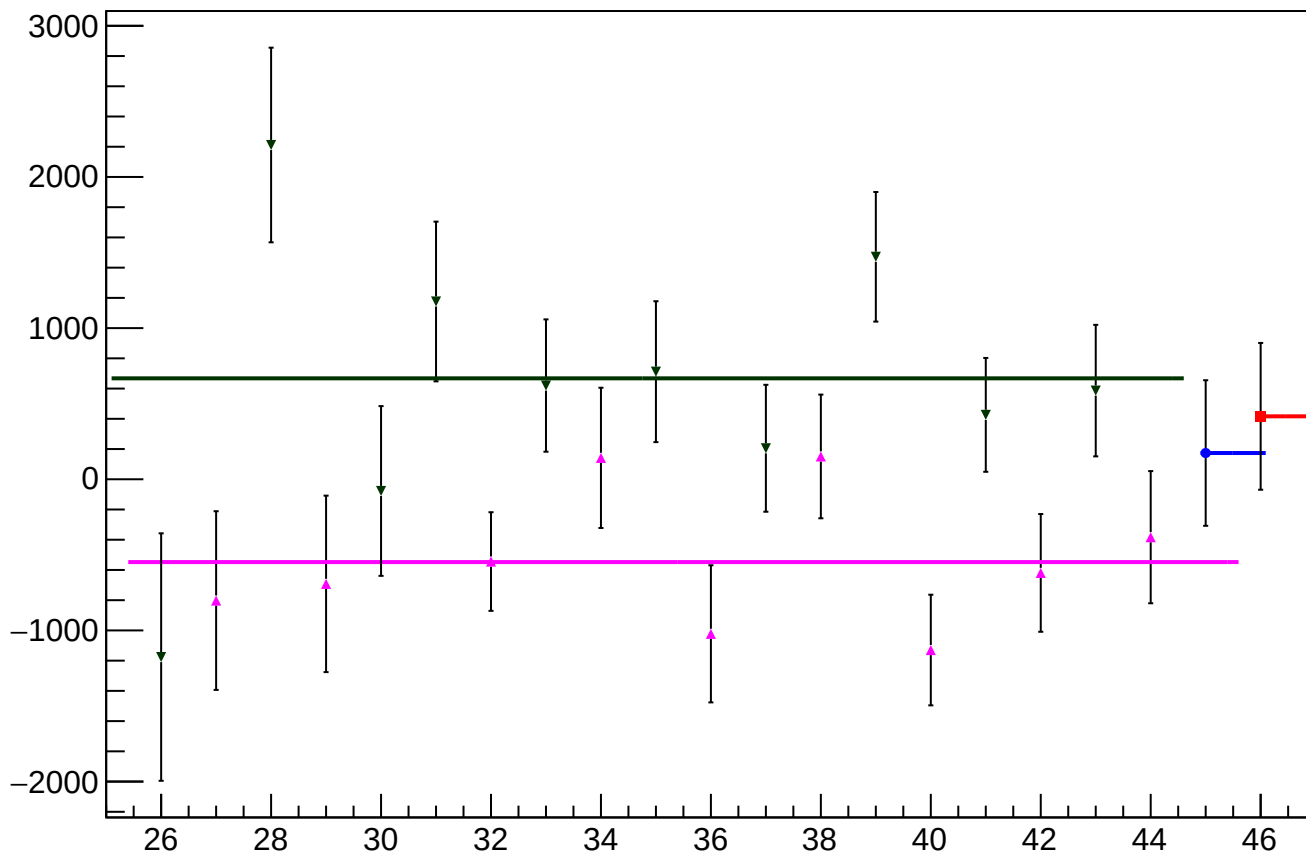
Right Out: 98.073+/-0.108 χ^2/NDF : 0.0/0

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

96.016+/-0.029 χ^2/NDF : 214468.7/10

95.120+/-0.028 χ^2/NDF : 315080.6/9

asym_bpm0i07WS_mean vs slug



Right In: 173.646+/-481.578 χ^2/NDF : 0.0/0

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

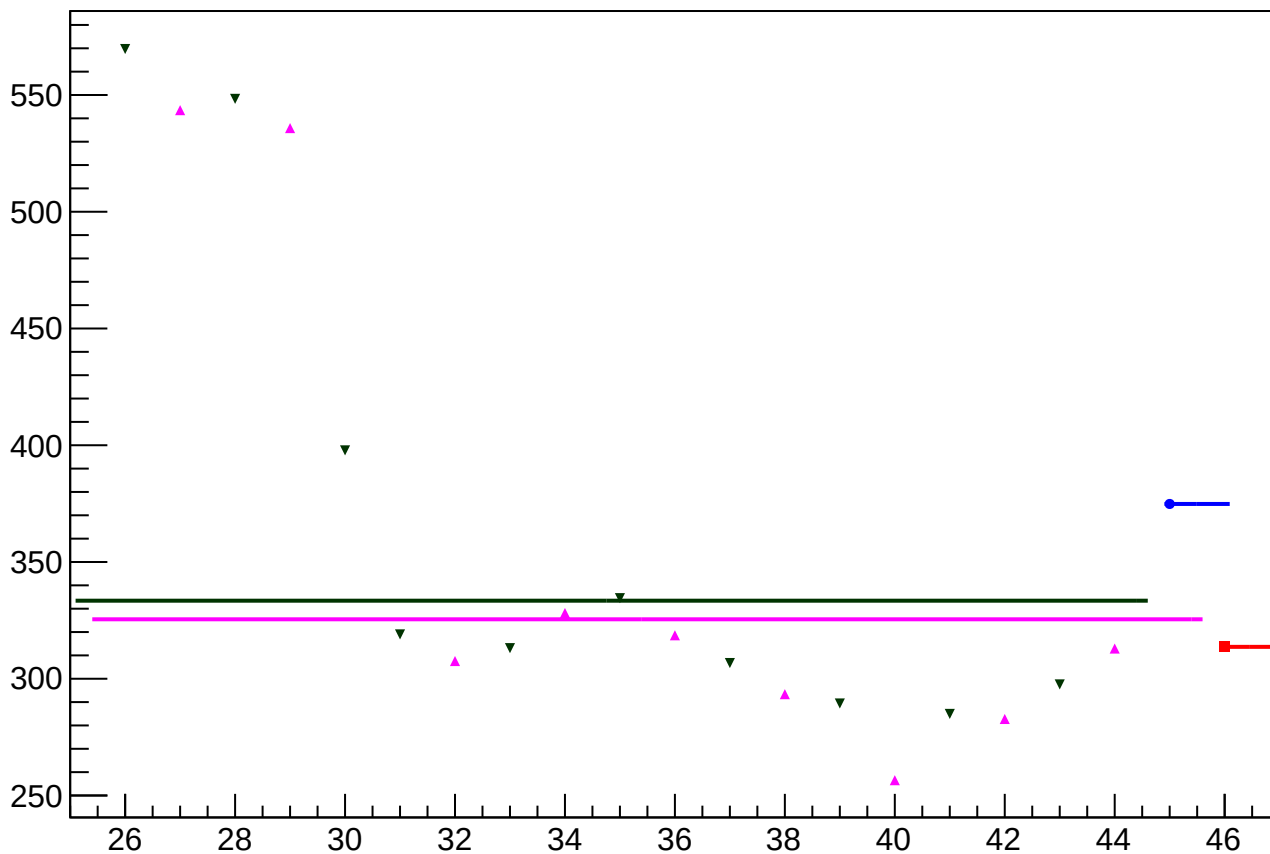
Right Out: 416.389+/-485.589 χ^2/NDF : 0.0/0

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

623.581+/-143.980 χ^2/NDF : 19.7/10

-472.437+/-135.837 χ^2/NDF : 12.8/9

asym_bpm0i07WS_rms vs slug



Right In: 374.857 $\pm$ 0.341 χ^2 /NDF: 0.0/0

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

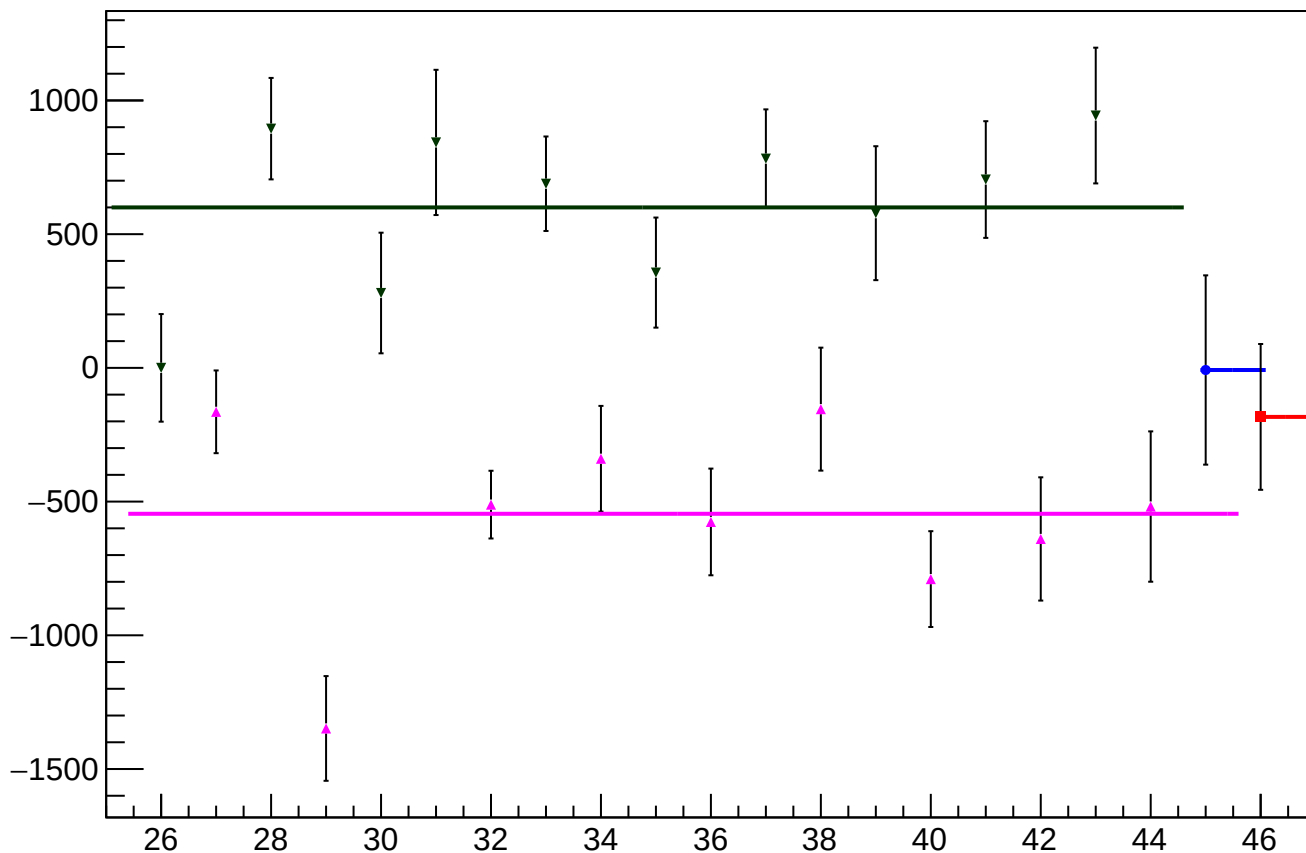
337.131 $\pm$ 0.102 χ^2 /NDF: 510882.9/10

Right Out: 313.656 $\pm$ 0.343 χ^2 /NDF: 0.0/0

324.536 $\pm$ 0.096 χ^2 /NDF: 648315.4/9

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

asym_bpm0l01WS_mean vs slug



Right In: -7.930+/-353.943 χ^2/NDF : 0.0/0

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

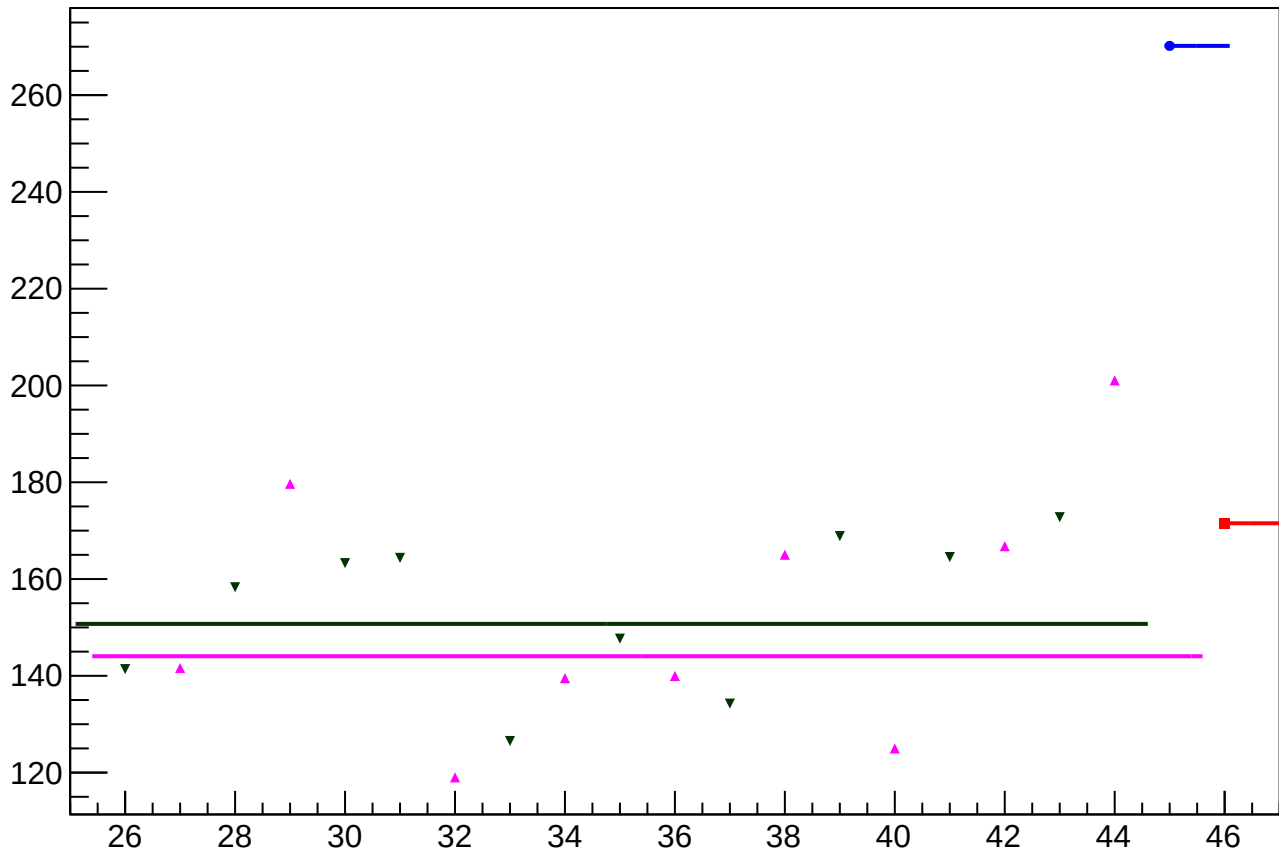
Right Out: -183.328+/-272.619 χ^2/NDF : 0.0/0

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

579.066+/-65.756 χ^2/NDF : 21.7/10

-527.947+/-60.190 χ^2/NDF : 30.7/9

asym_bpm0l01WS_rms vs slug



Right In: 270.174+/-0.250 χ^2/NDF : 0.0/0

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

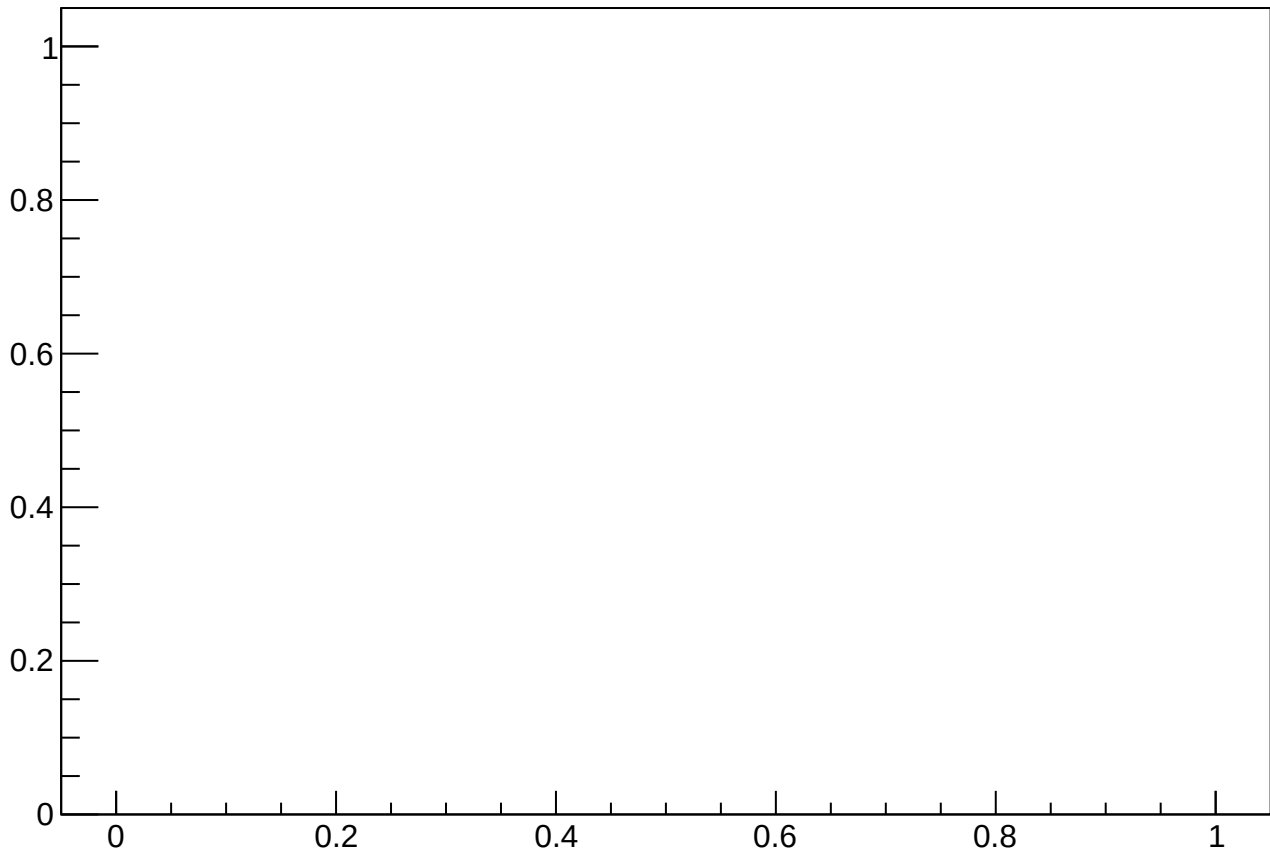
154.855+/-0.046 χ^2/NDF : 326208.6/10

Right Out: 171.525+/-0.193 χ^2/NDF : 0.0/0

145.389+/-0.043 χ^2/NDF : 307102.9/9

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

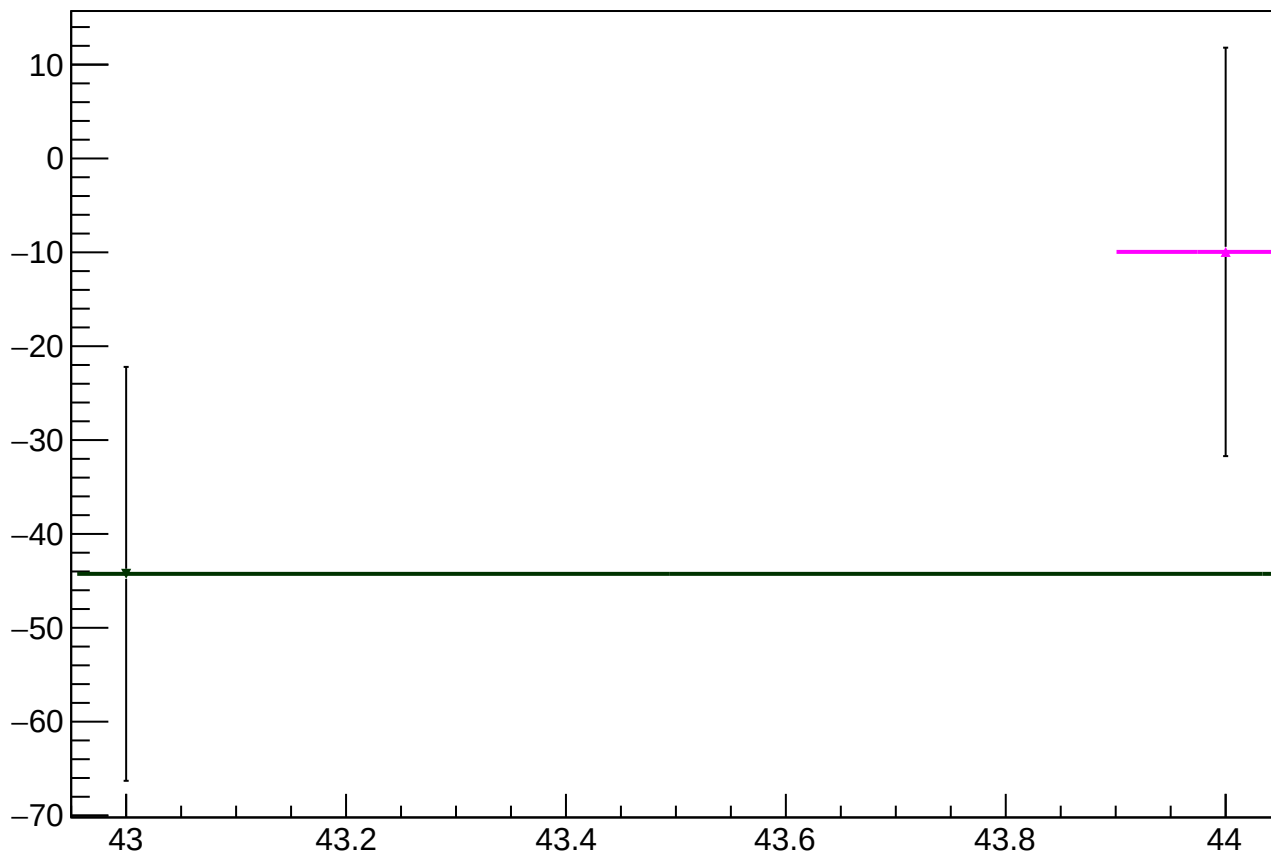
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_ds_dd_mean vs slug



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

Left Out: -44.252+/-22.047 χ^2/NDF : 0.0/0

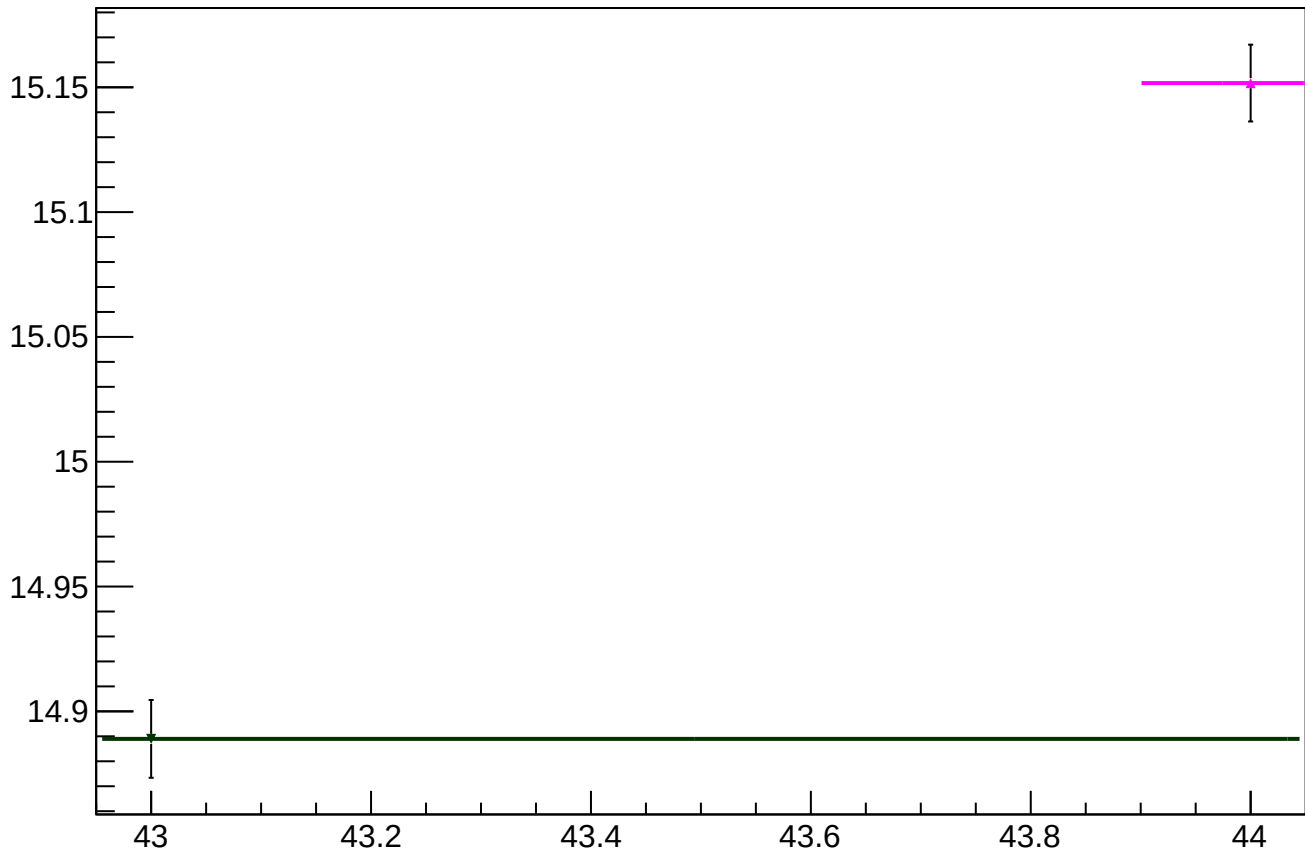
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.952+/-21.757 χ^2/NDF : 0.0/0

-44.252+/-22.047 χ^2/NDF : 0.0/0

-9.952+/-21.757 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs slug



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

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

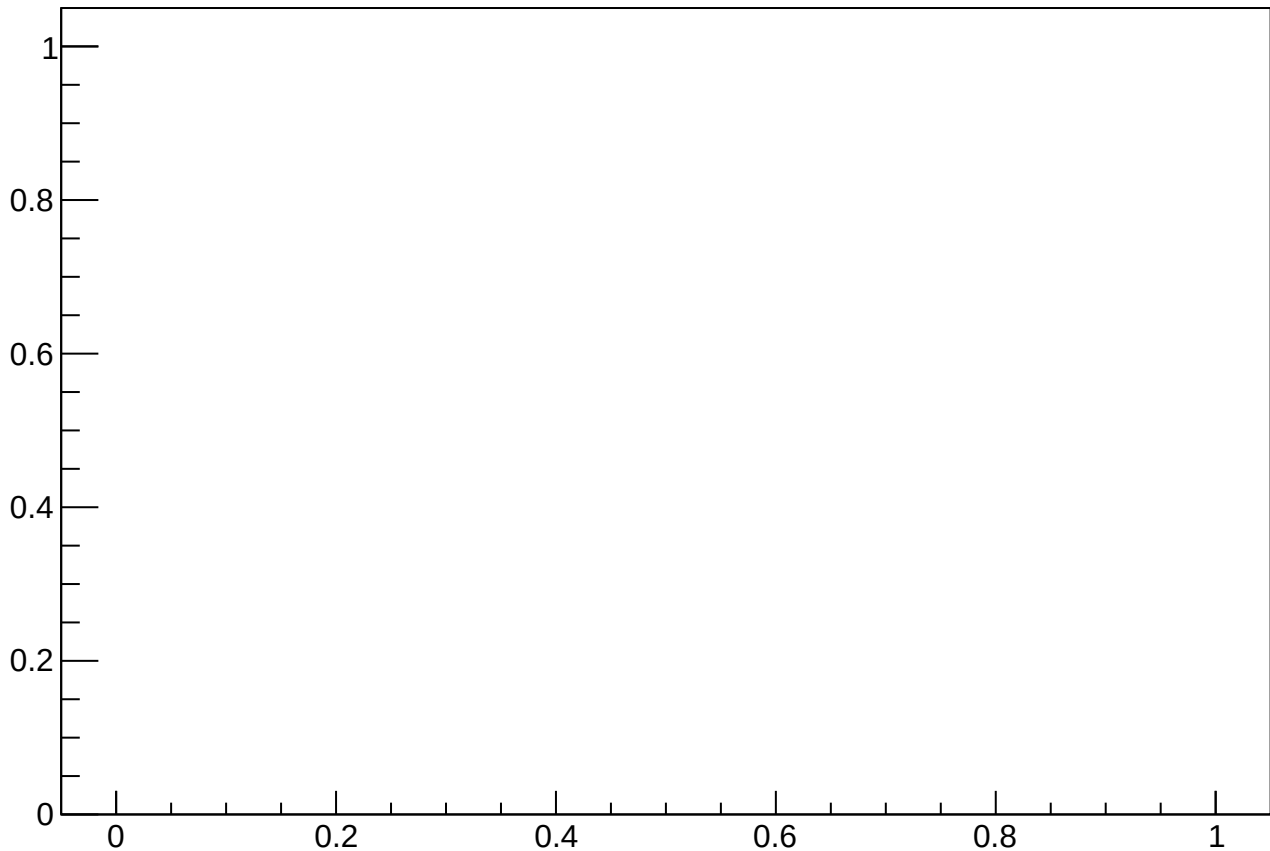
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

14.889 $\pm$ 0.016 χ^2/NDF : 0.0/0

15.152 $\pm$ 0.015 χ^2/NDF : 0.0/0

bcm_an_us_ds3_dd_mean vs slug



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

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

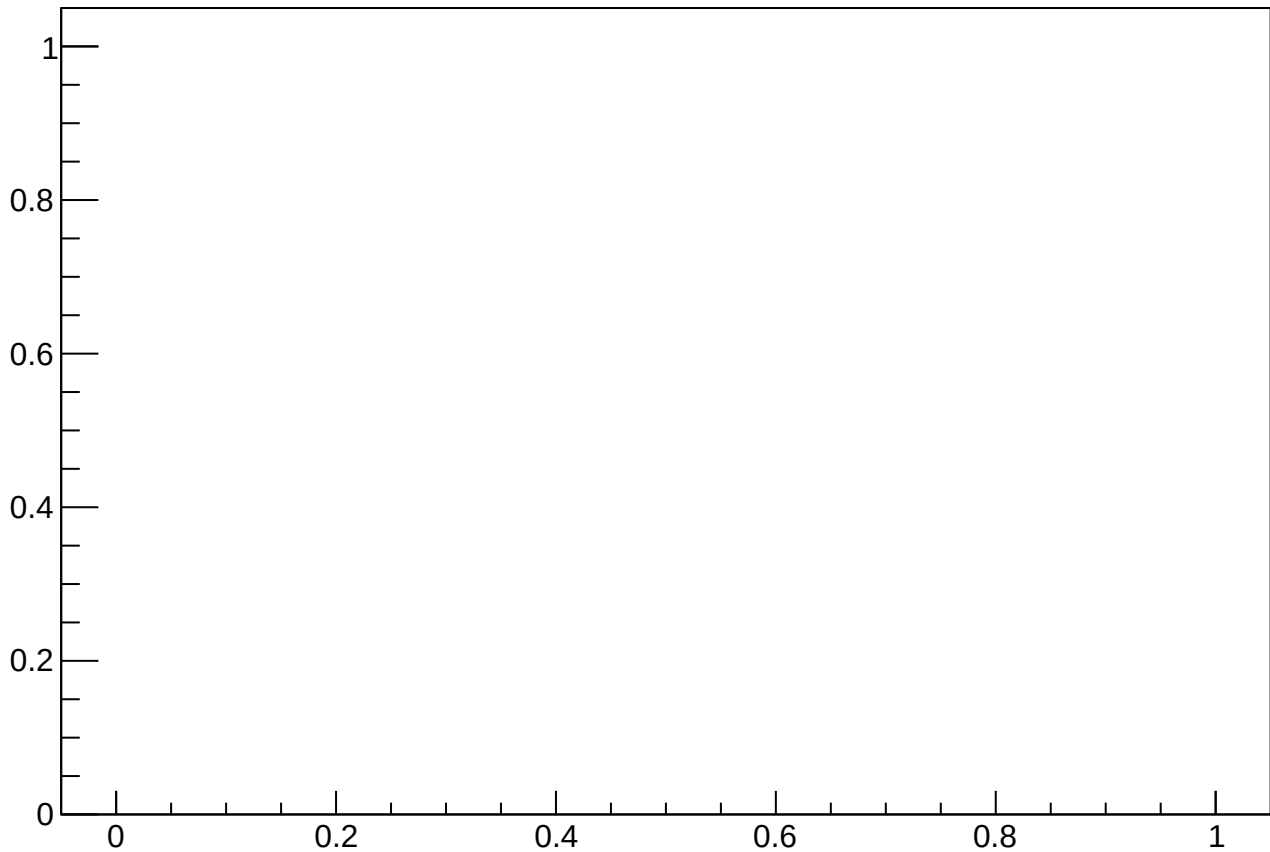
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_dd_mean vs slug



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

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

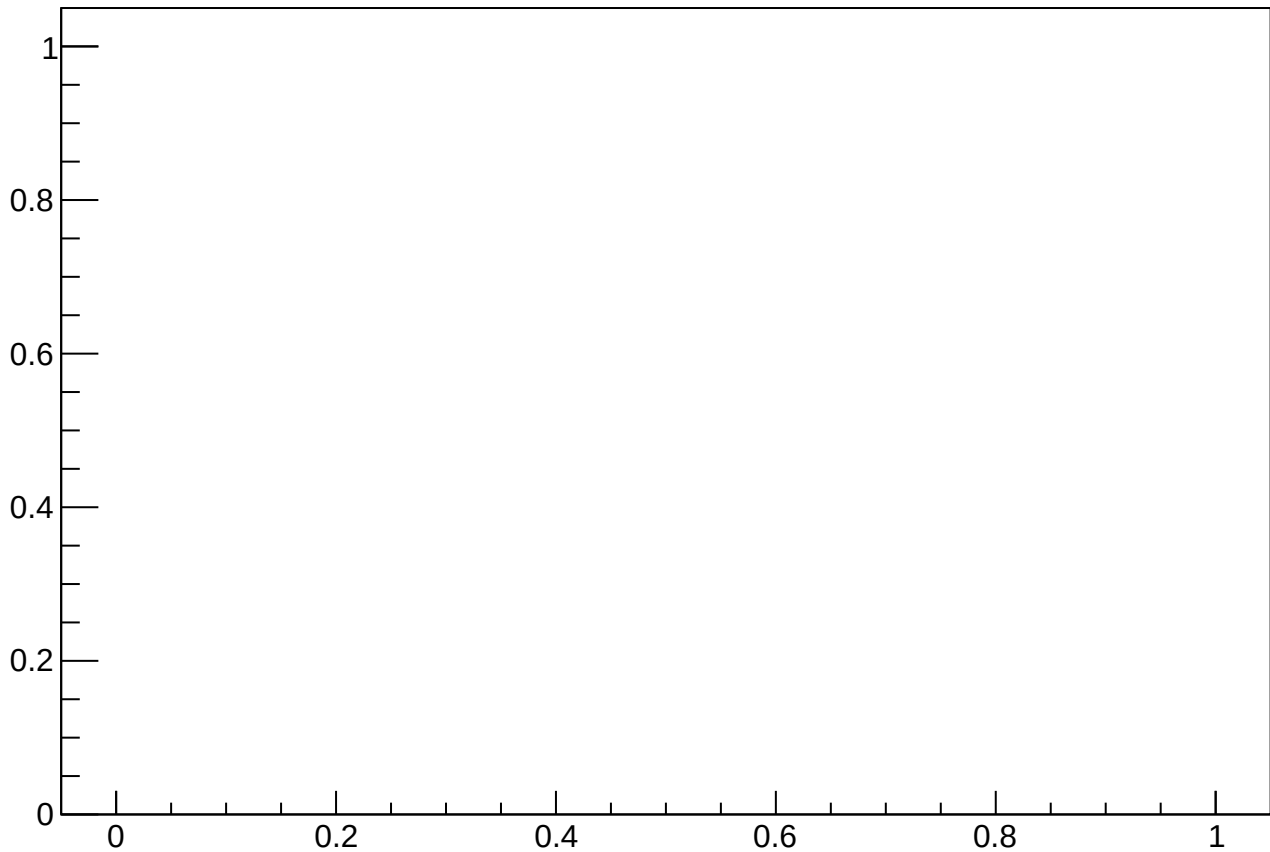
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

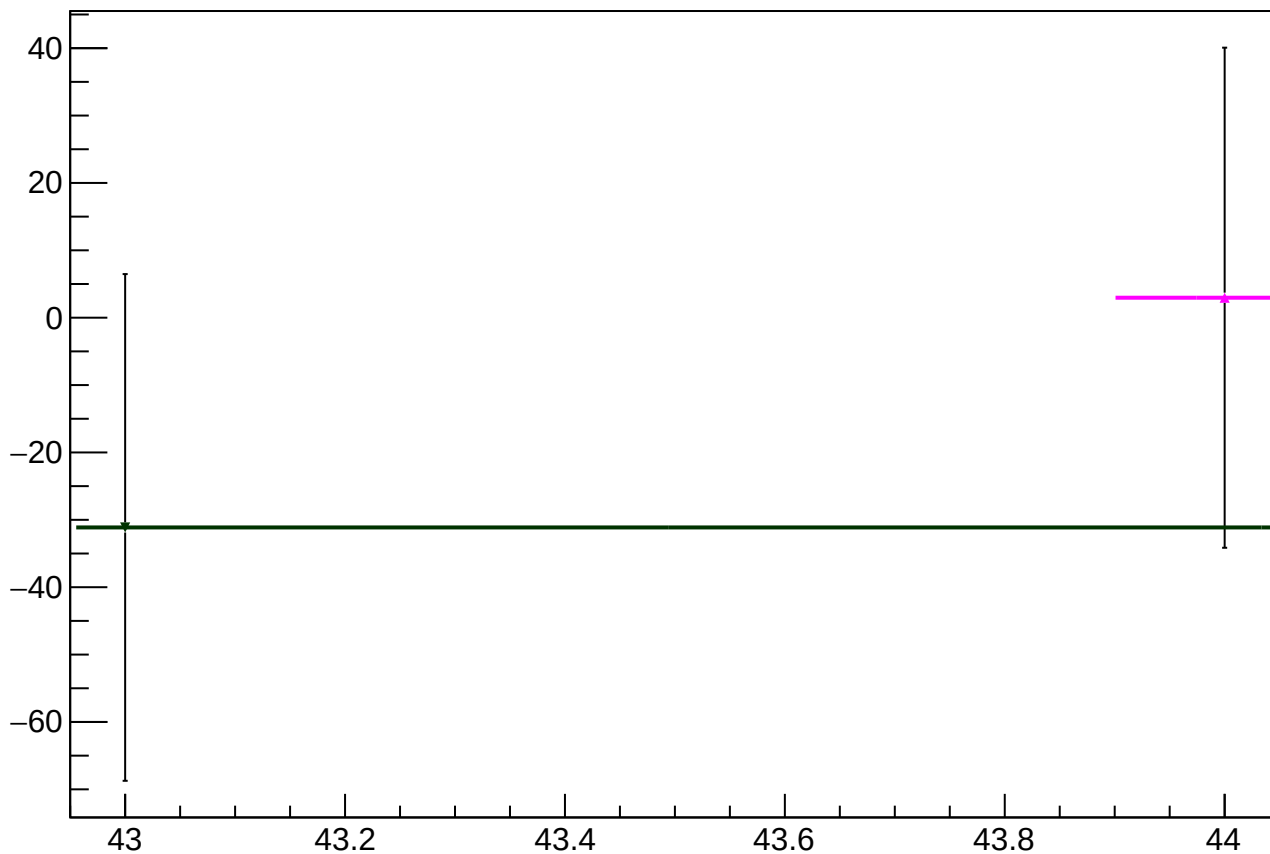
0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_mean vs slug



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

Left Out: -31.130+/-37.603 χ^2/NDF : 0.0/0

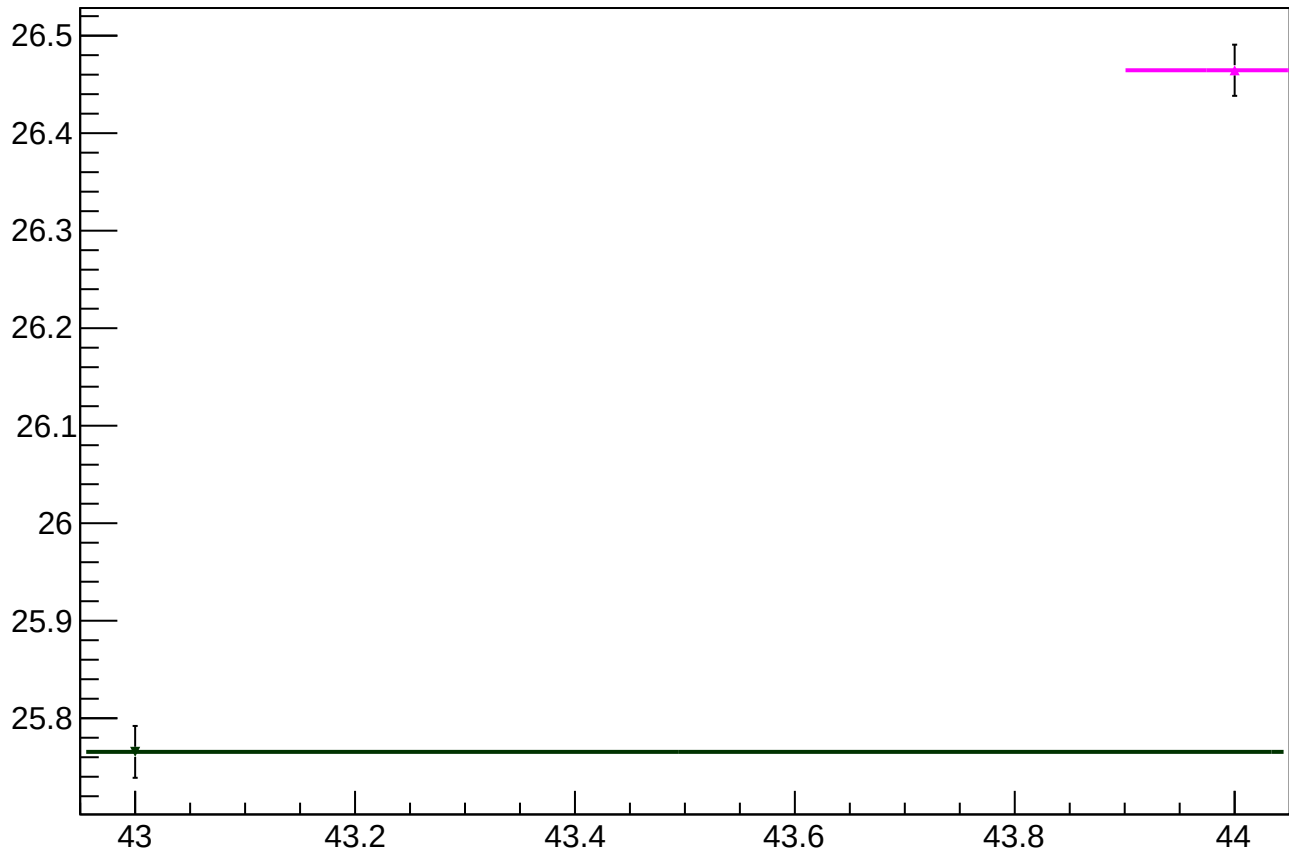
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.964+/-37.111 χ^2/NDF : 0.0/0

-31.130+/-37.603 χ^2/NDF : 0.0/0

2.964+/-37.111 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs slug



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

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

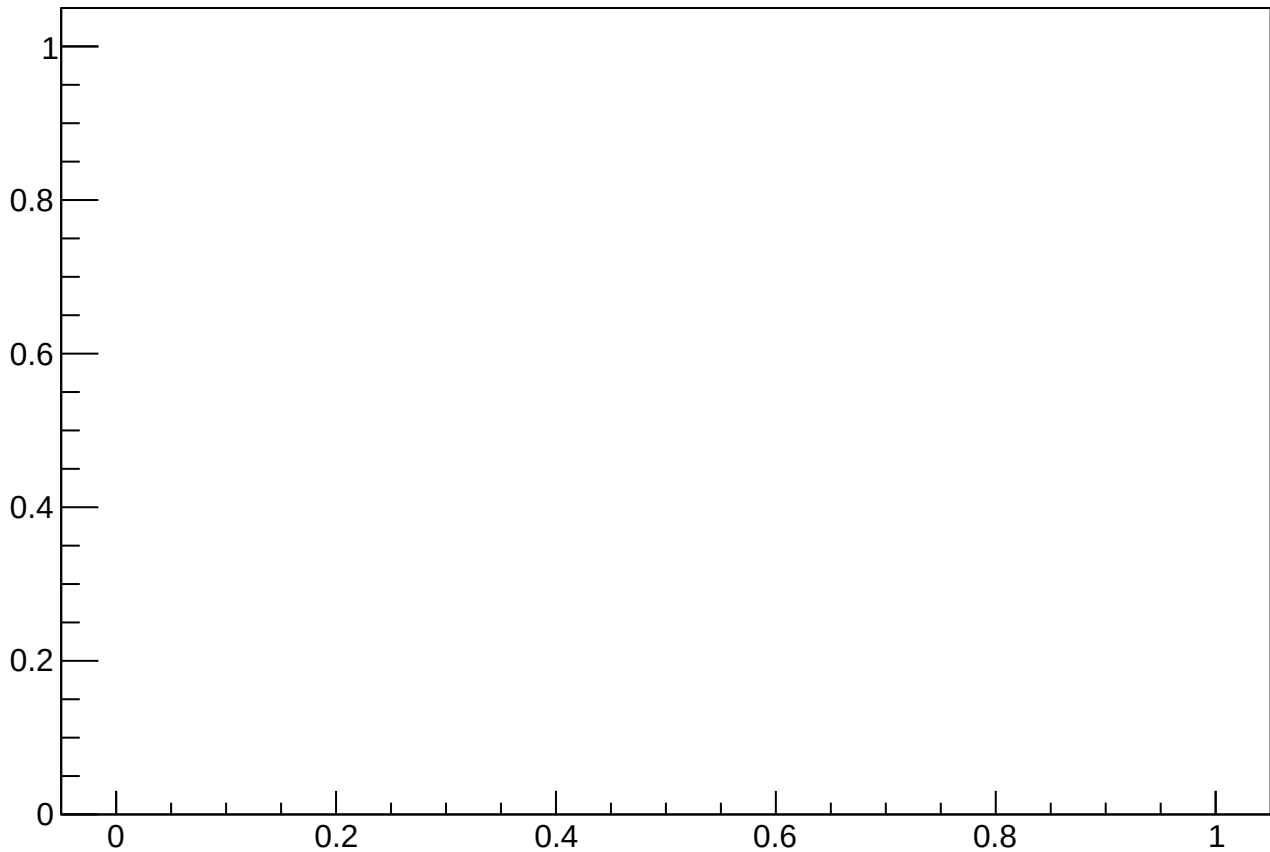
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

25.766+/-0.027 χ^2/NDF : 0.0/0

26.465+/-0.026 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

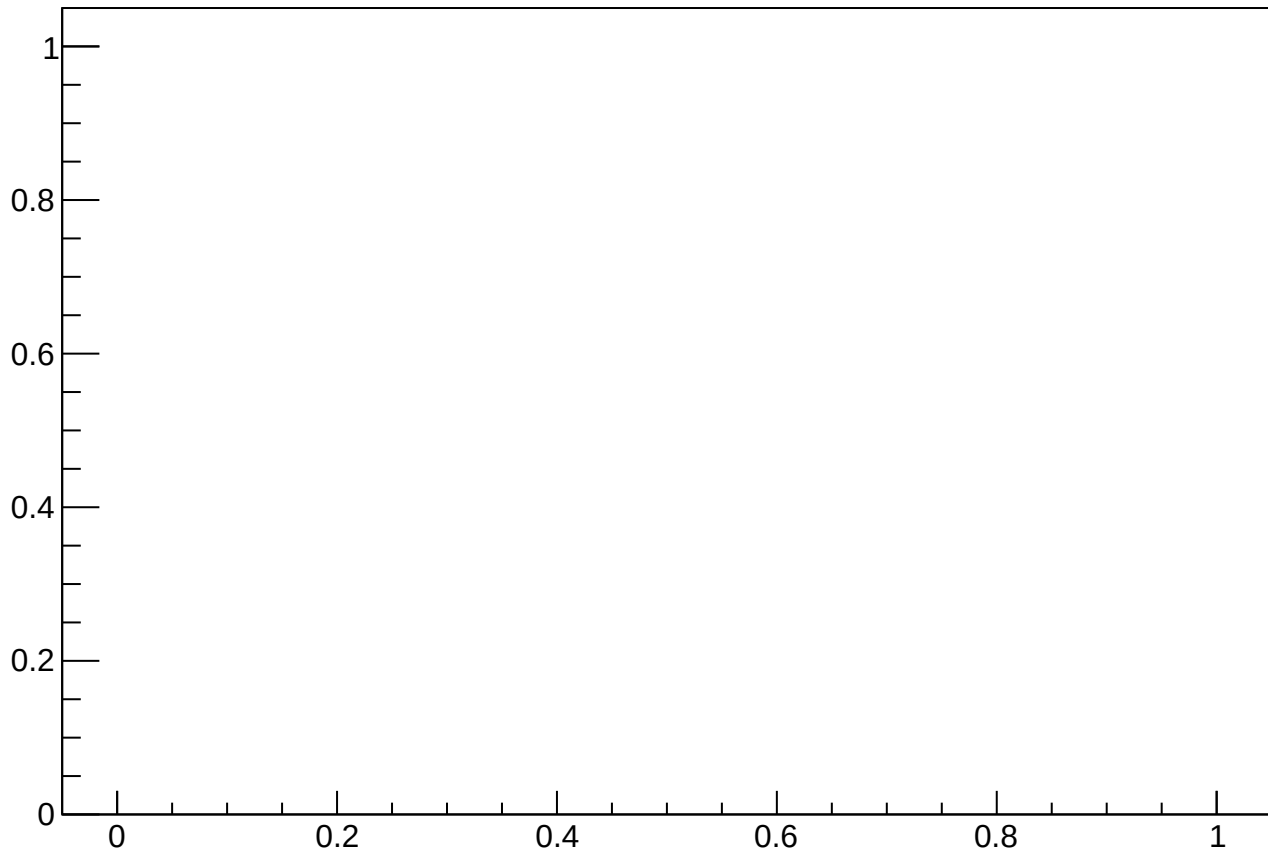
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

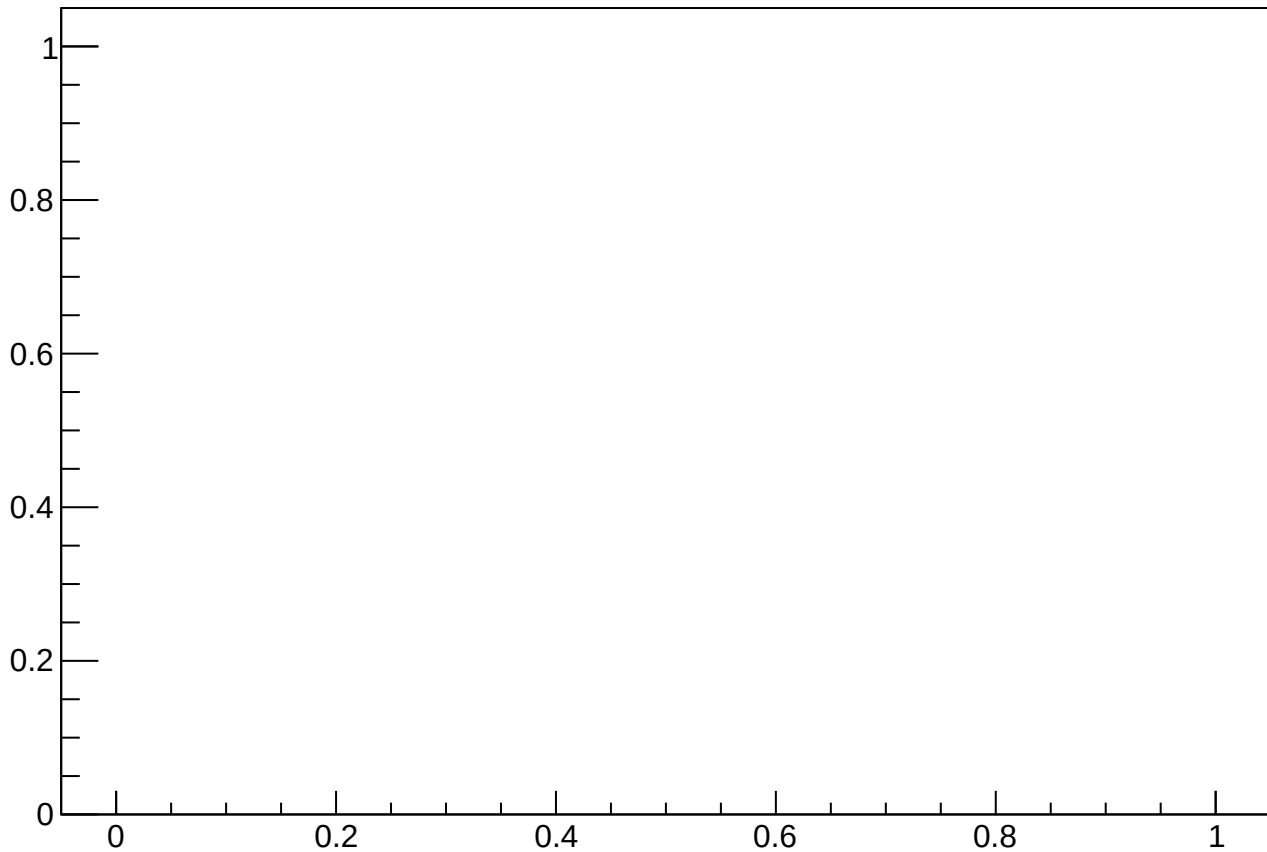
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds_avg_rms vs slug



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

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

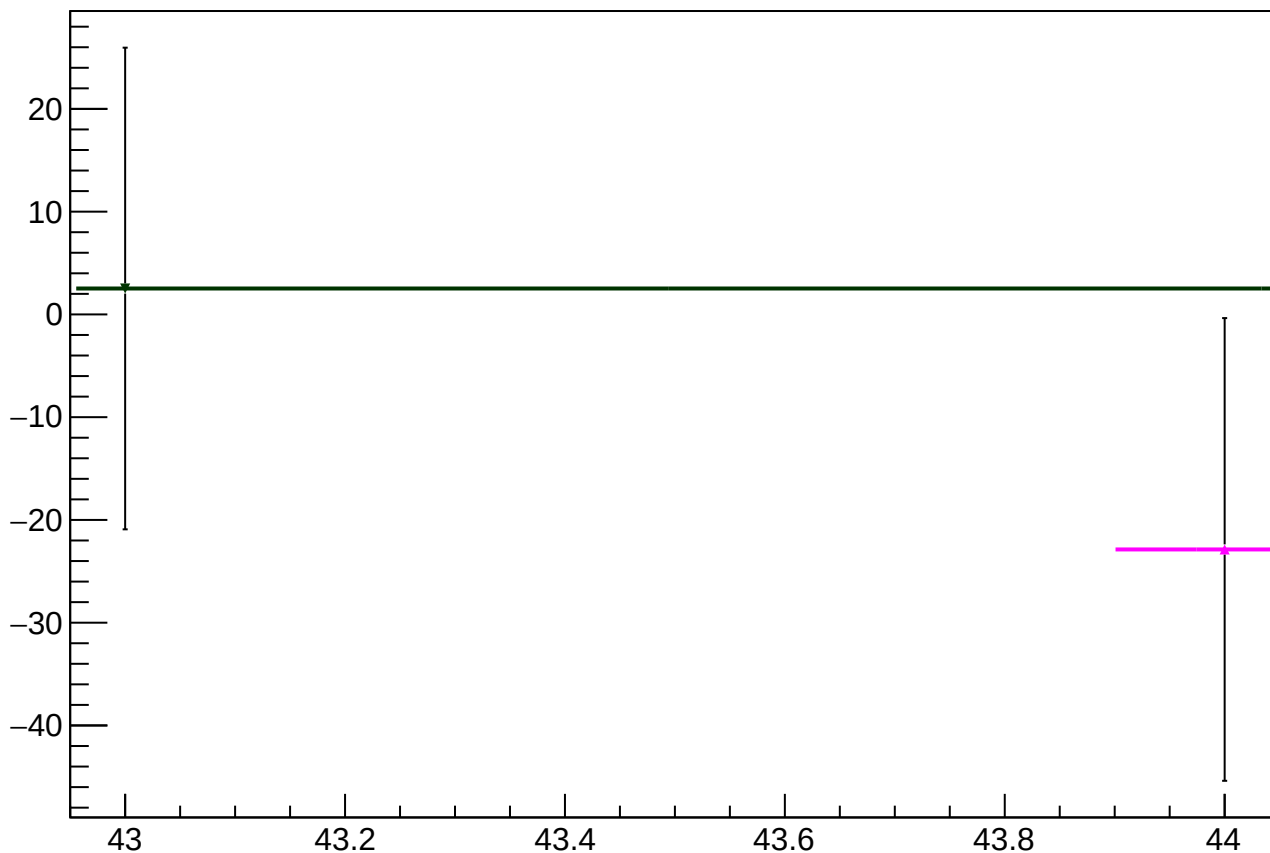
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

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

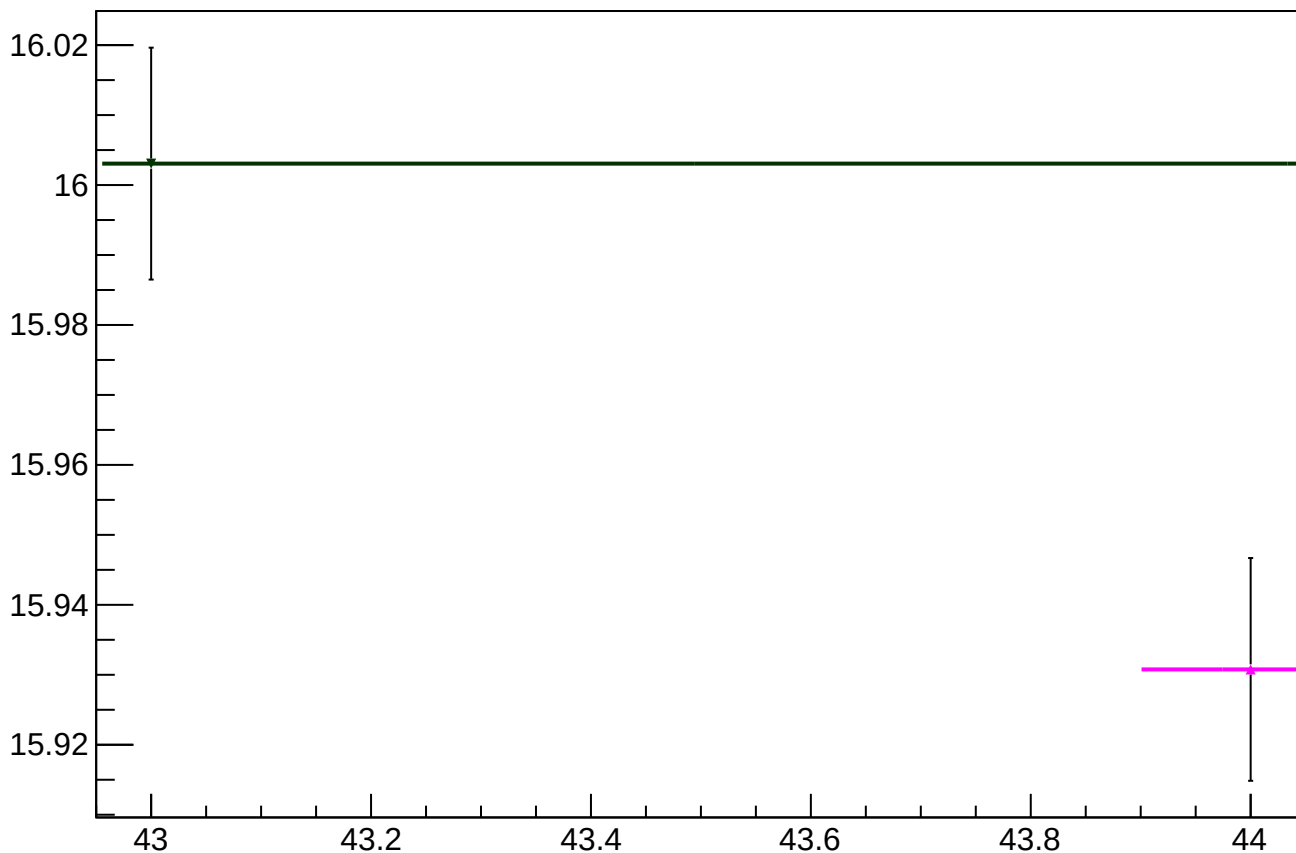
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2.521 $\pm$ 23.436 χ^2 /NDF: 0.0/0

-22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



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

Left Out: 16.003+/-0.017 χ^2 /NDF: 0.0/0

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

Left In: 15.931+/-0.016 χ^2 /NDF: 0.0/0

16.003+/-0.017 χ^2 /NDF: 0.0/0

15.931+/-0.016 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

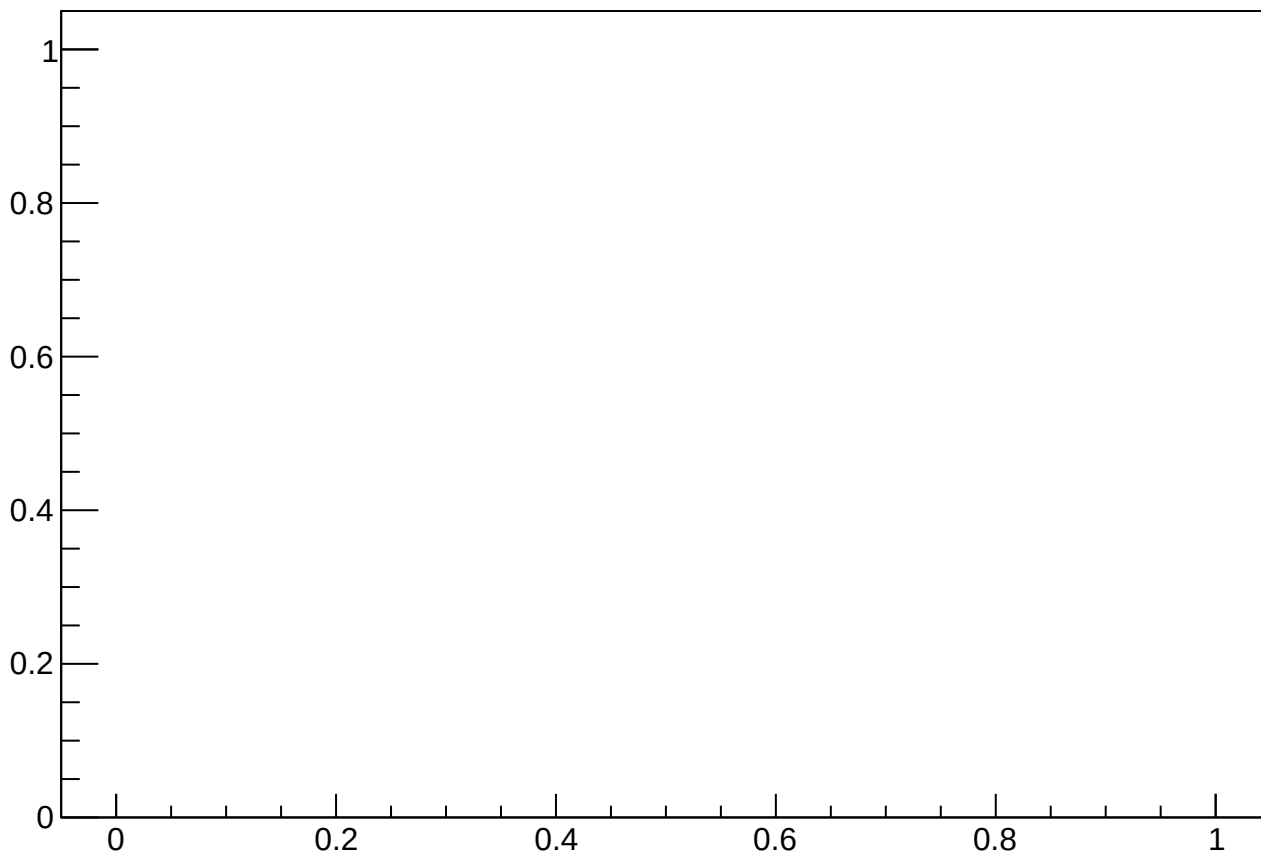
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

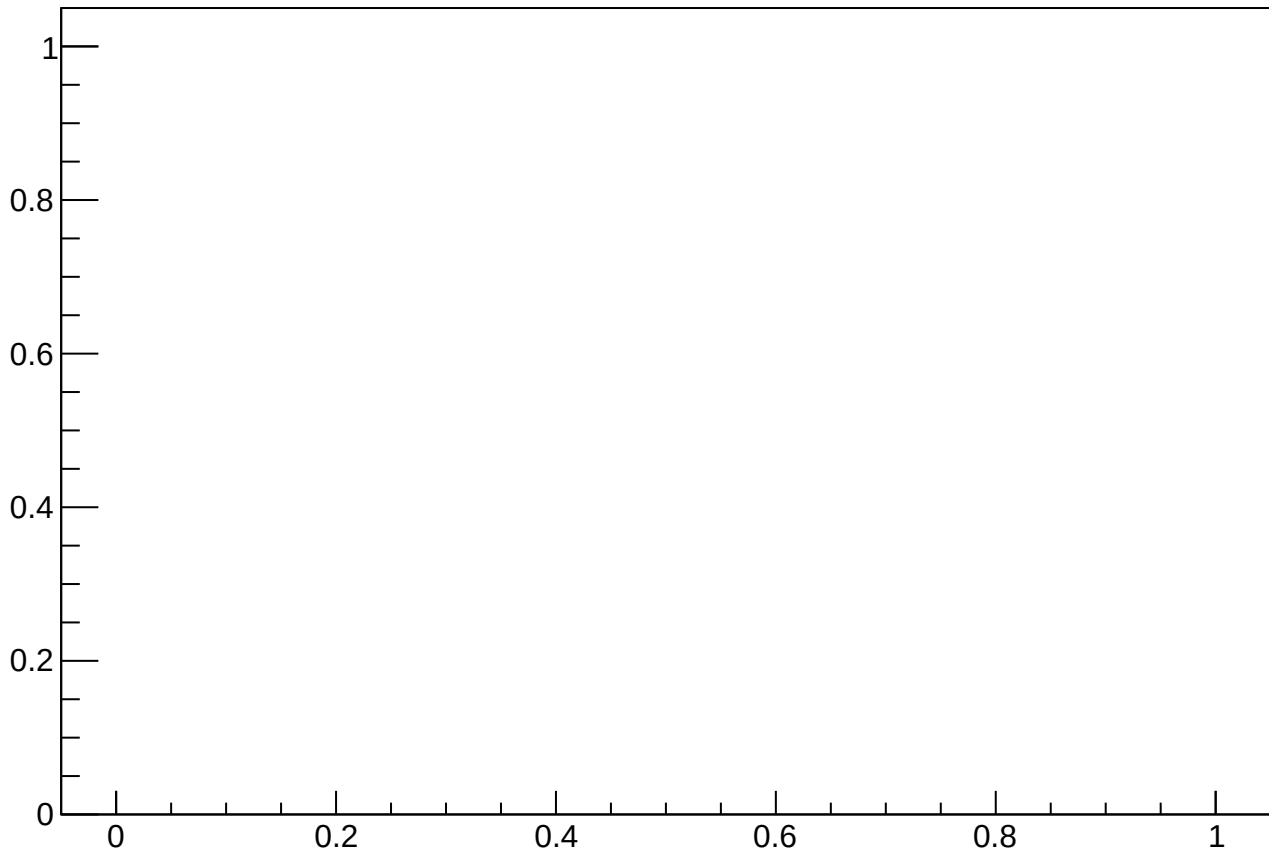
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

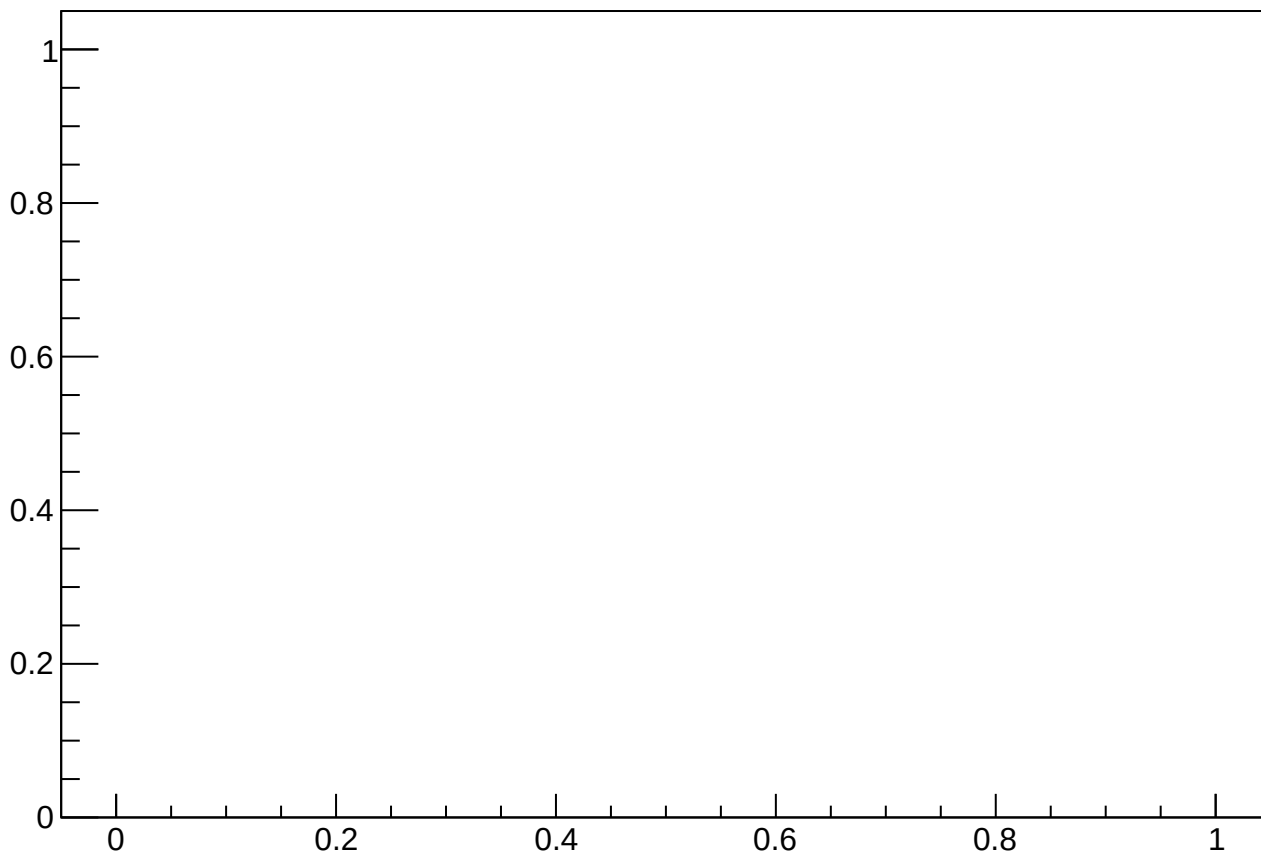
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_cav4cQ_ds_dd_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

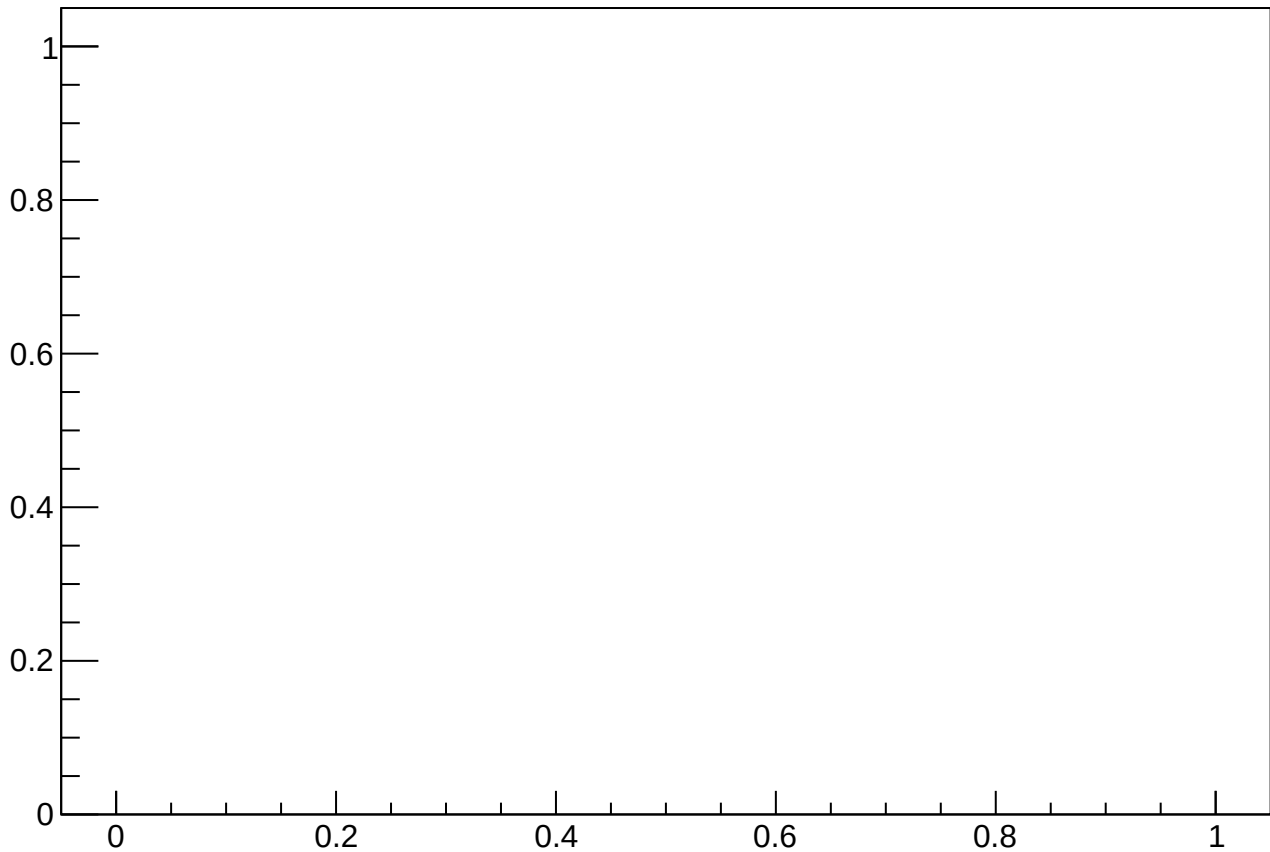
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

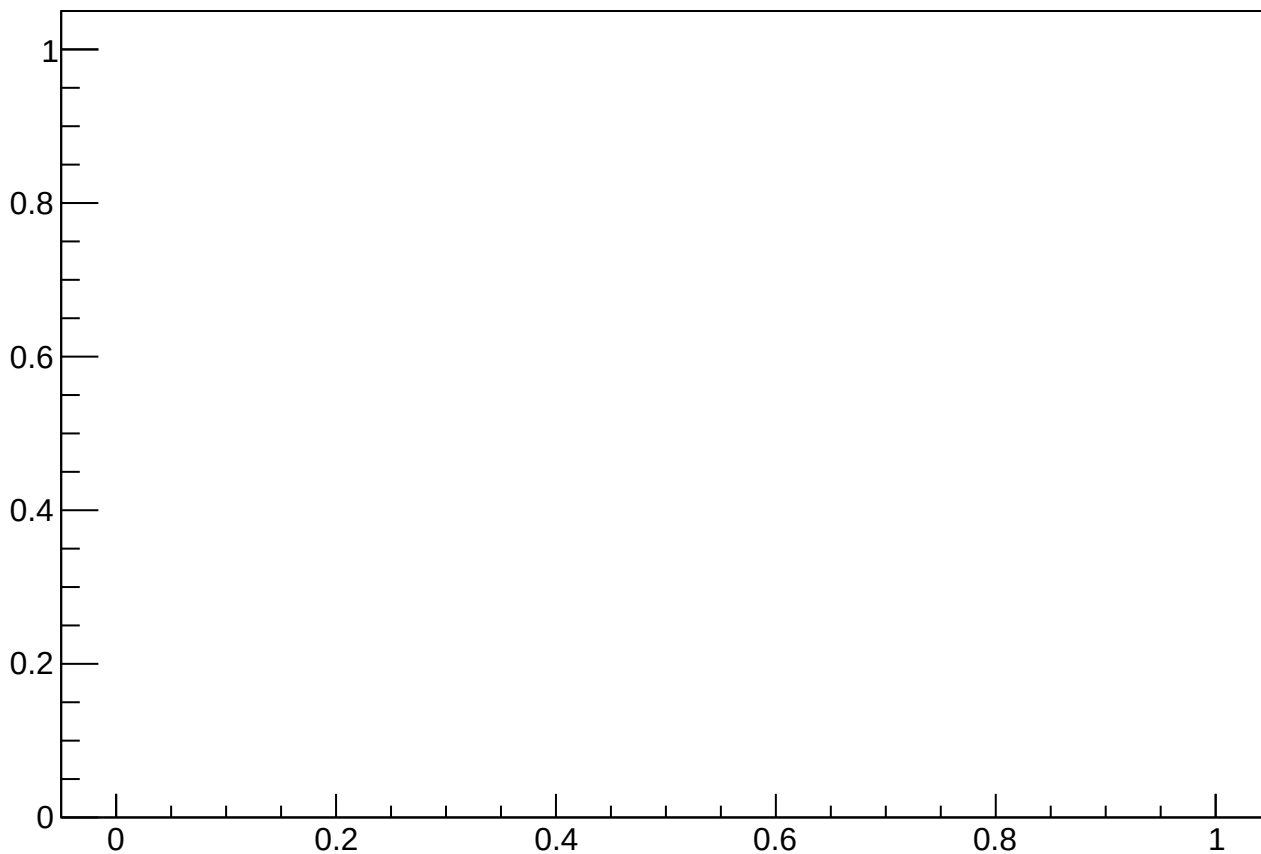
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

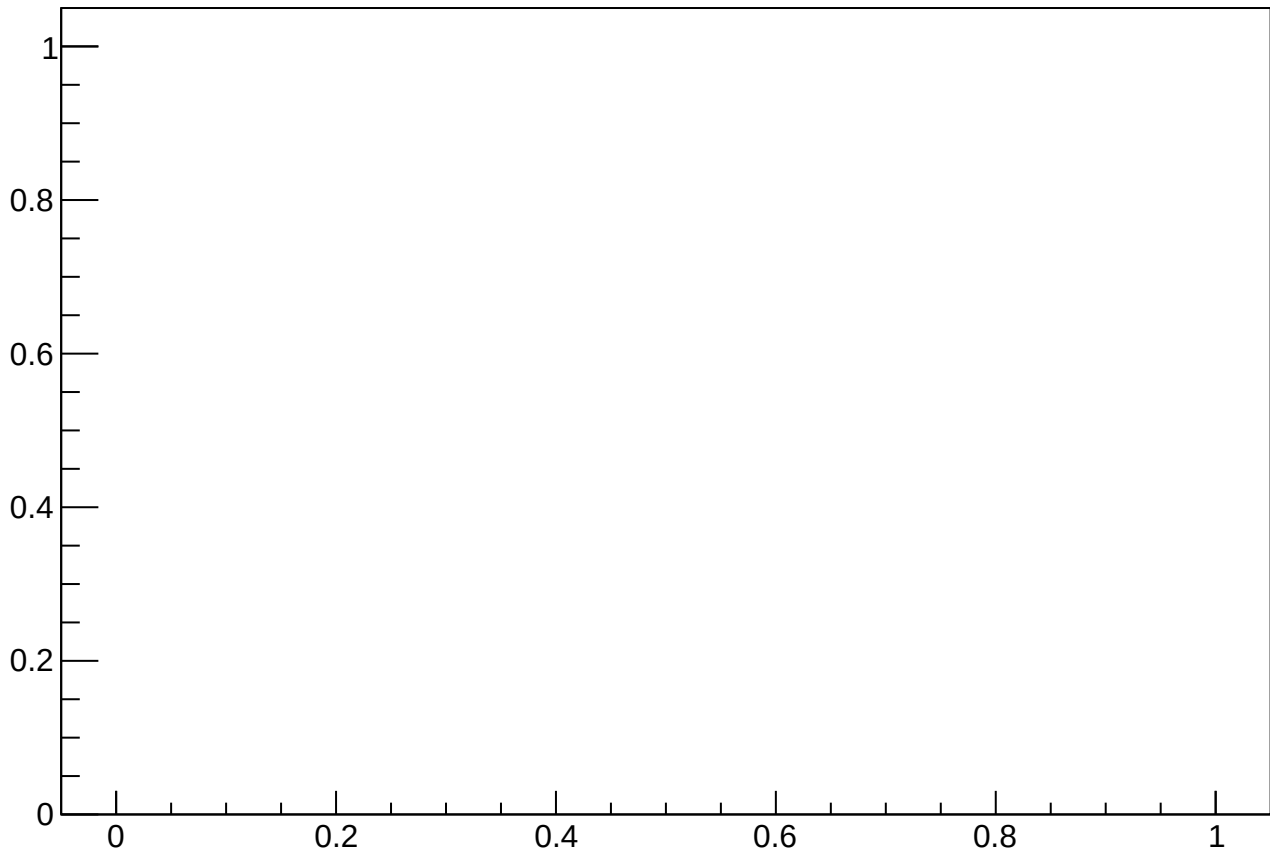
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

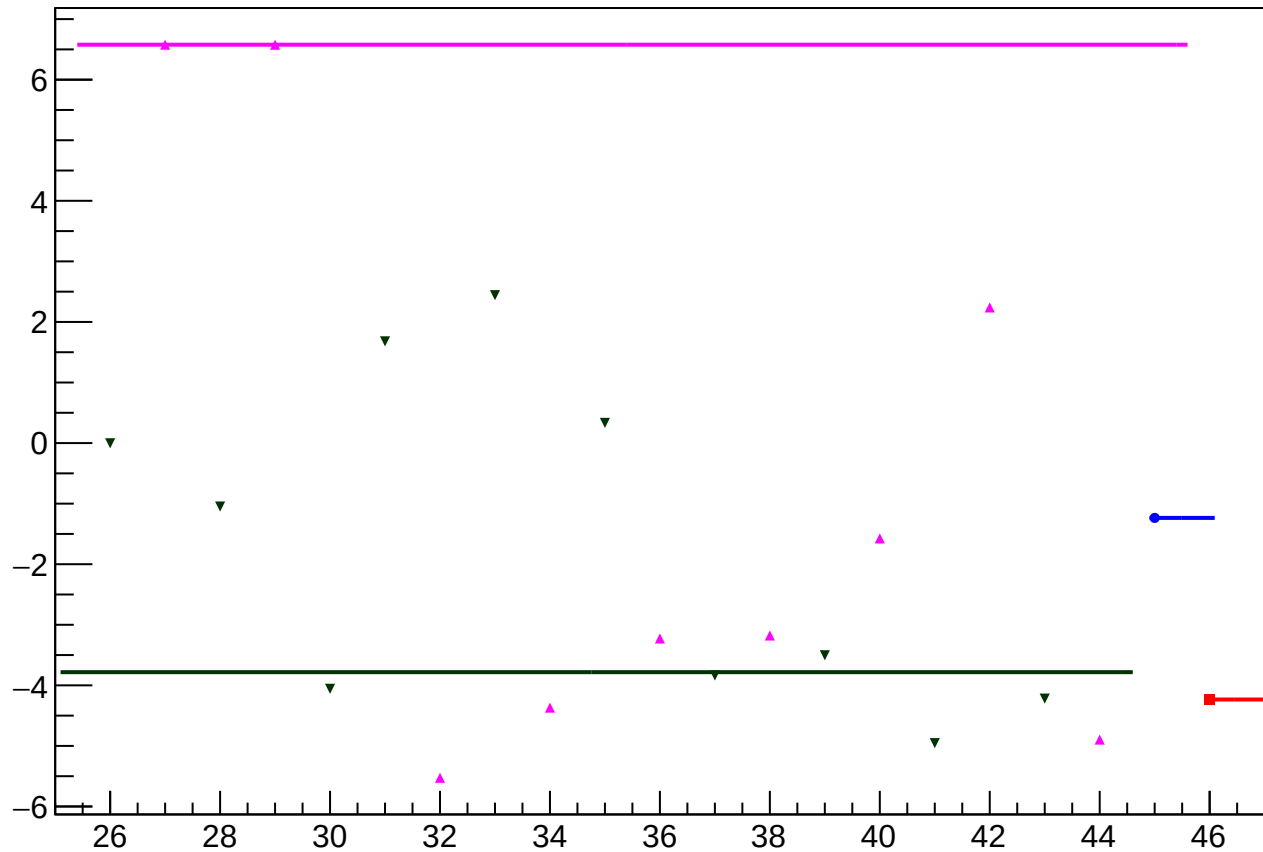
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1.235 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left Out: -3.782 $\pm$ 0.001 χ^2 /NDF:5650855.8/9

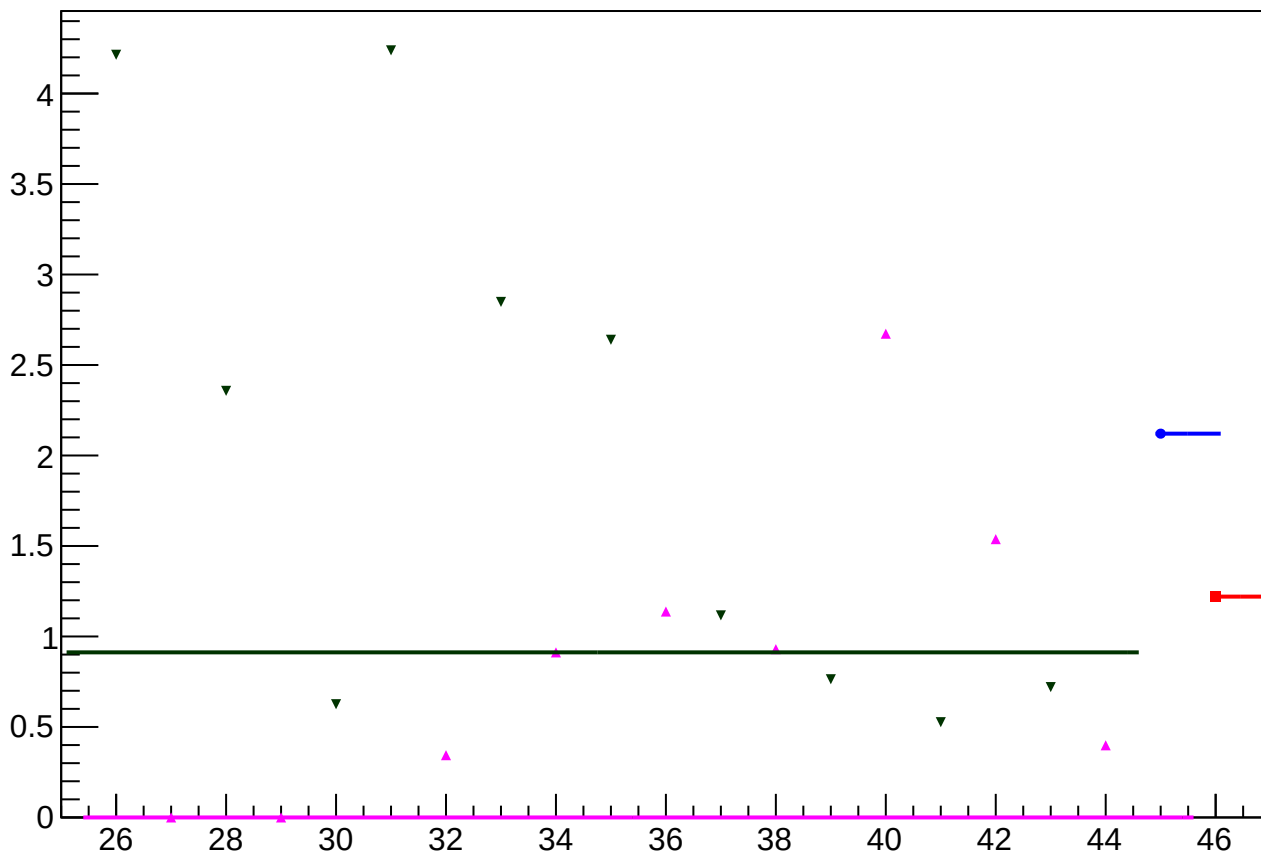
Right Out: -4.234 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Left In: 6.578 $\pm$ 0.000 χ^2 /NDF:822801976.9/8

-3.676 $\pm$ 0.001 χ^2 /NDF: 6332353.8/10

6.578 $\pm$ 0.000 χ^2 /NDF: 844830598.9/9

yield_cav4bX_rms vs slug



Right In: 2.121+/-0.002 χ^2/NDF : 0.0/0

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

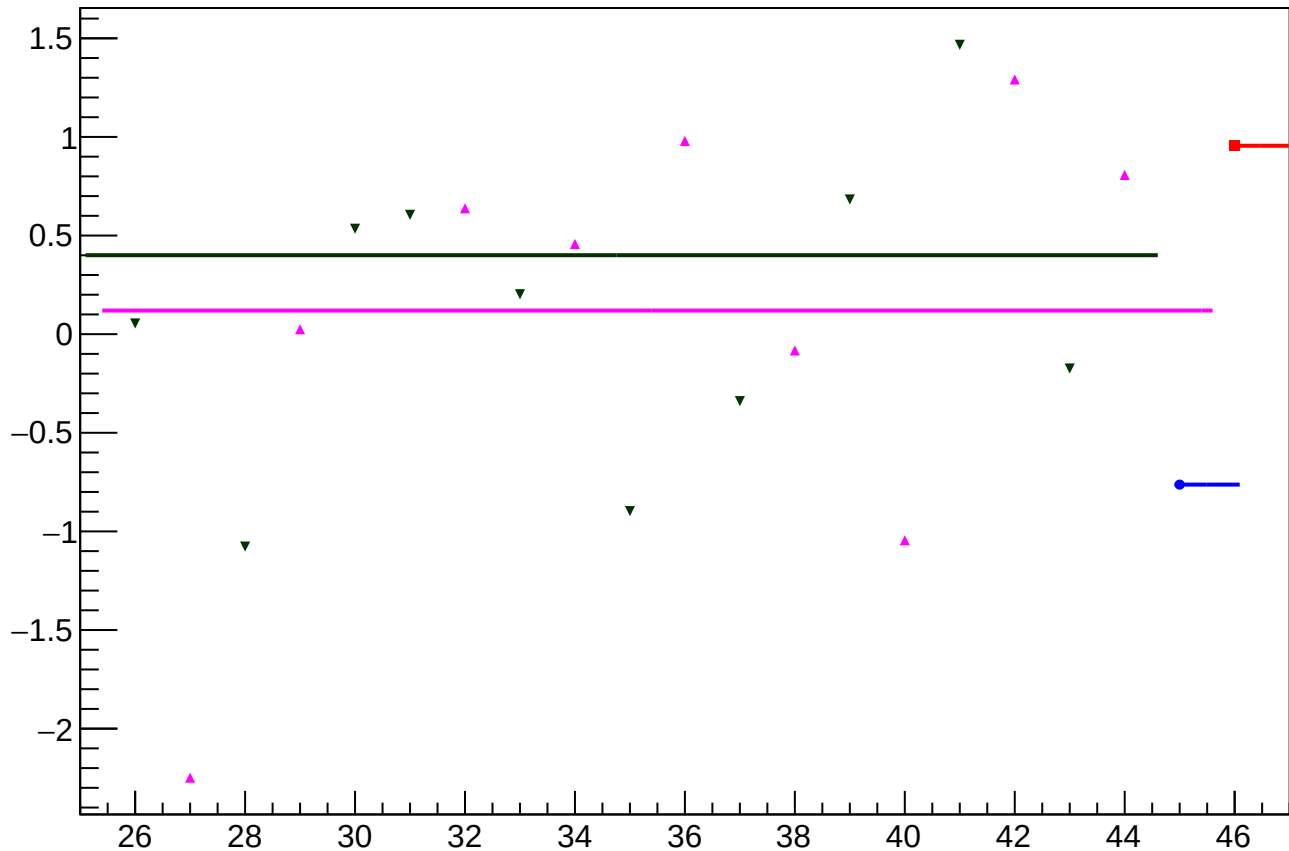
Right Out: 1.220+/-0.002 χ^2/NDF : 0.0/0

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

0.963+/-0.000 χ^2/NDF : 2807050.7/10

0.000+/-0.000 χ^2/NDF : 5200897.1/9

yield_cav4bY_mean vs slug



Right In: -0.763+/-0.001 χ^2/NDF : 0.0/0

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

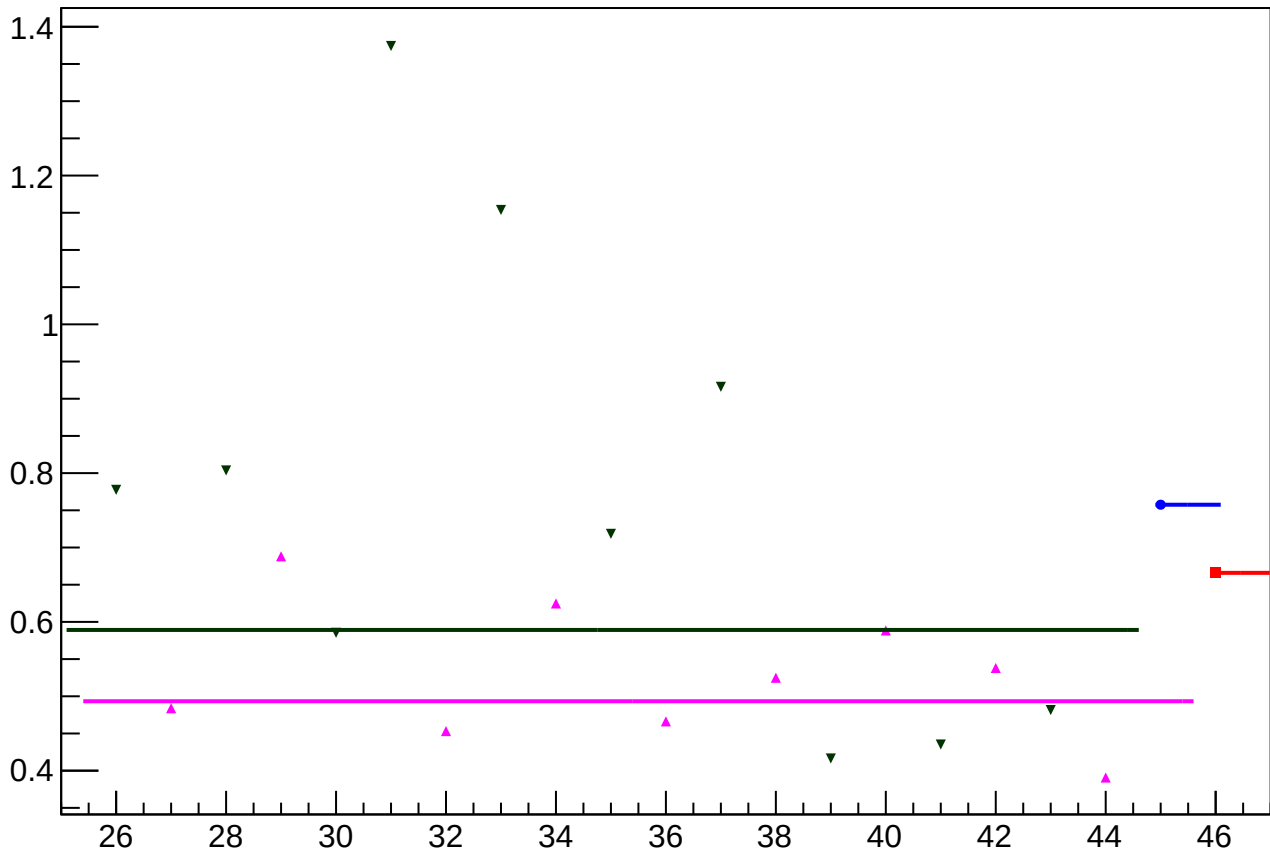
0.317+/-0.000 χ^2/NDF : 7762326.0/10

Right Out: 0.955+/-0.001 χ^2/NDF : 0.0/0

0.156+/-0.000 χ^2/NDF : 20581289.6/9

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

yield_cav4bY_rms vs slug



Right In: 0.758 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

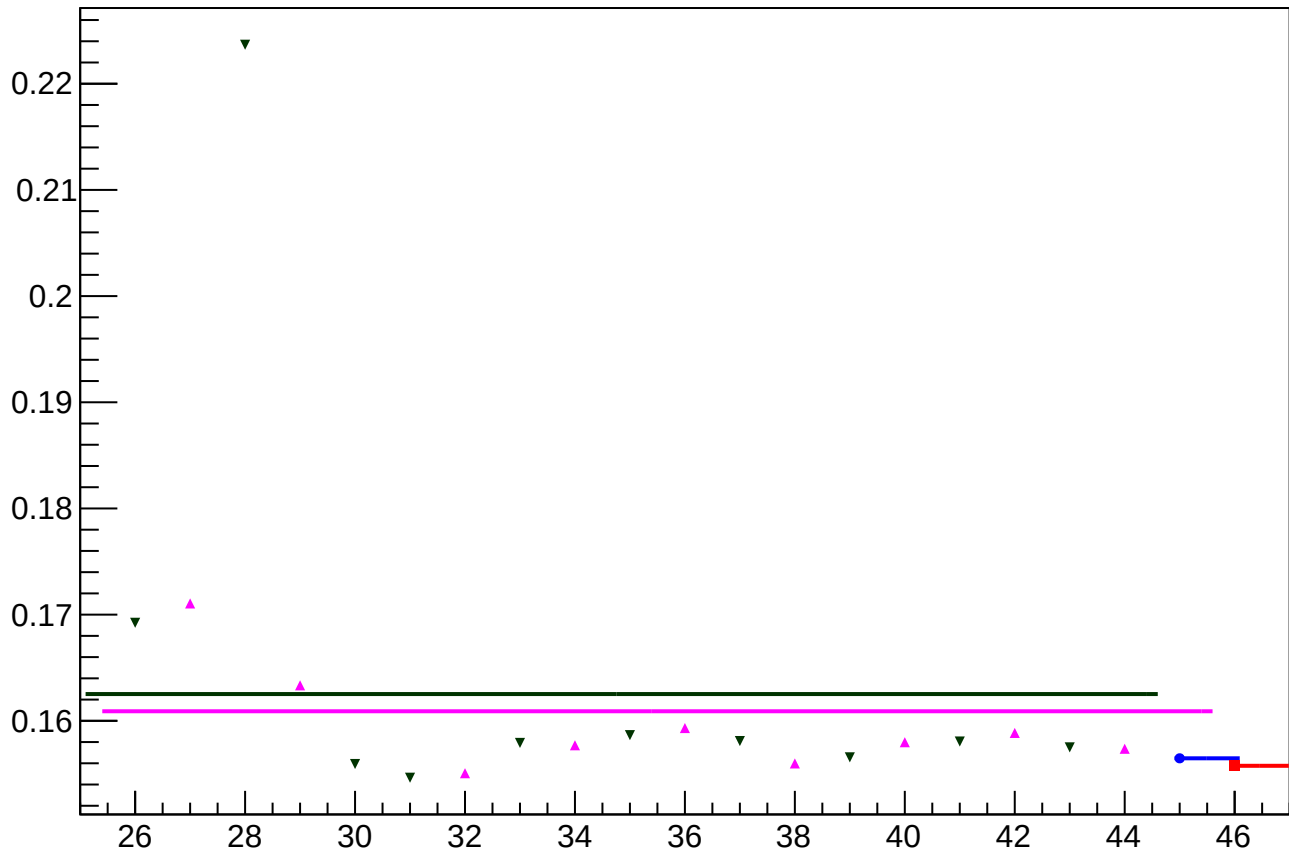
0.601 $\pm$ 0.000 χ^2 /NDF: 931473.3/10

Right Out: 0.666 $\pm$ 0.001 χ^2 /NDF: 0.0/0

0.501 $\pm$ 0.000 χ^2 /NDF: 256601.9/9

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

yield_cav4cX_mean vs slug



Right In: 0.156+/-0.000 χ^2/NDF : 0.0/0

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

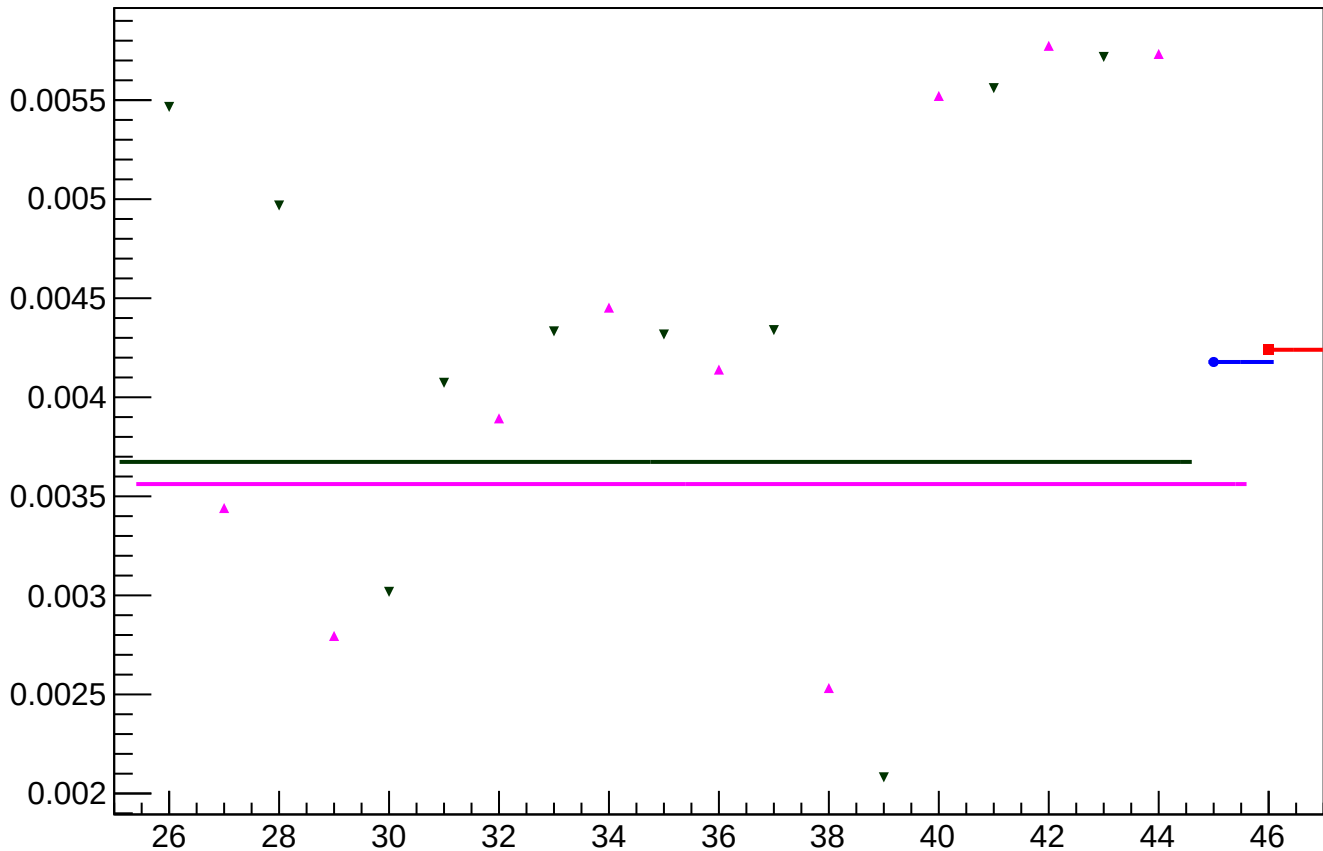
Right Out: 0.156+/-0.000 χ^2/NDF : 0.0/0

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

0.162+/-0.000 χ^2/NDF : 102933269.6/10

0.161+/-0.000 χ^2/NDF : 12197607.2/9

yield_cav4cX_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:1041439.4/9

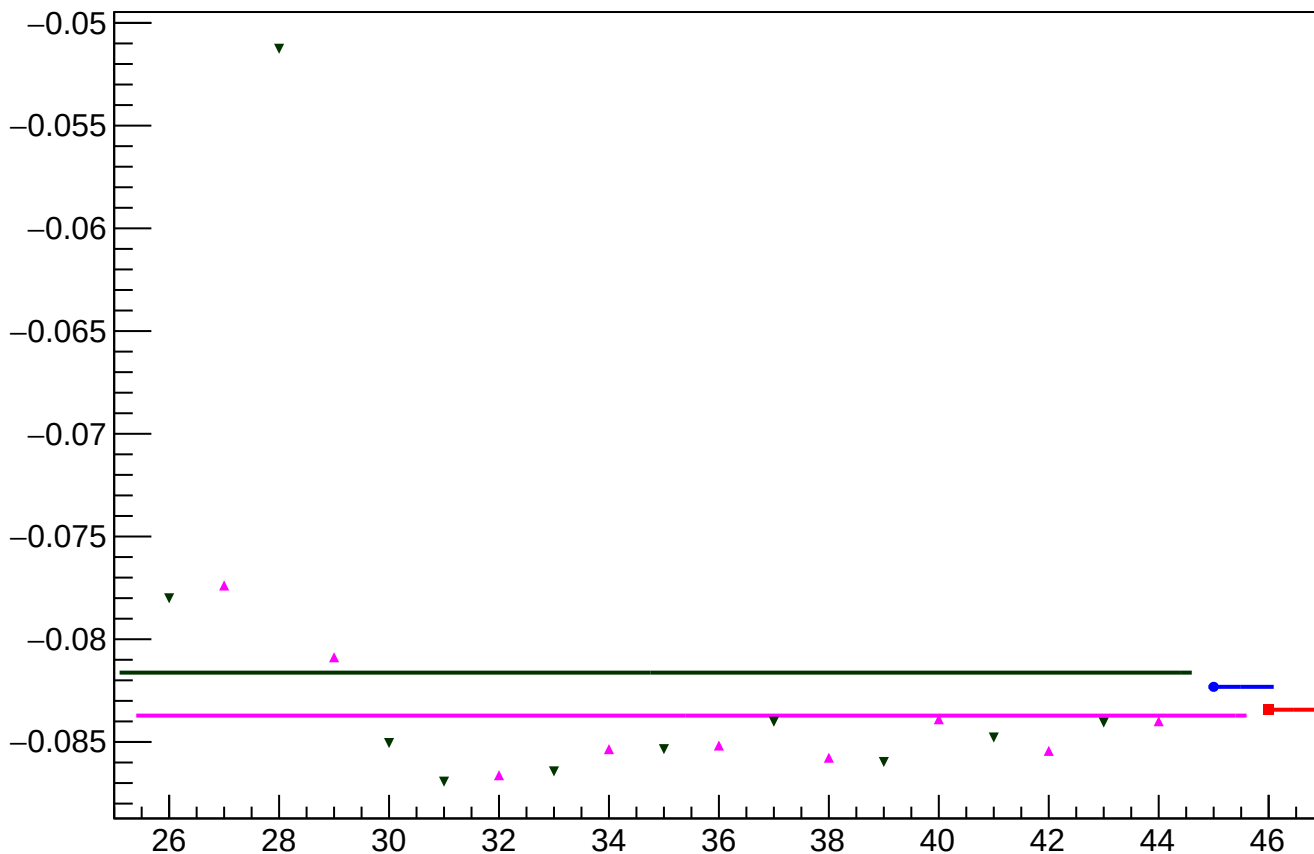
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:750635.1/8

0.004 $\pm$ 0.000 χ^2 /NDF: 1056743.0/10

0.004 $\pm$ 0.000 χ^2 /NDF: 769141.3/9

yield_cav4cY_mean vs slug



Right In: -0.082 ± 0.000 χ^2/NDF : 0.0/0

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

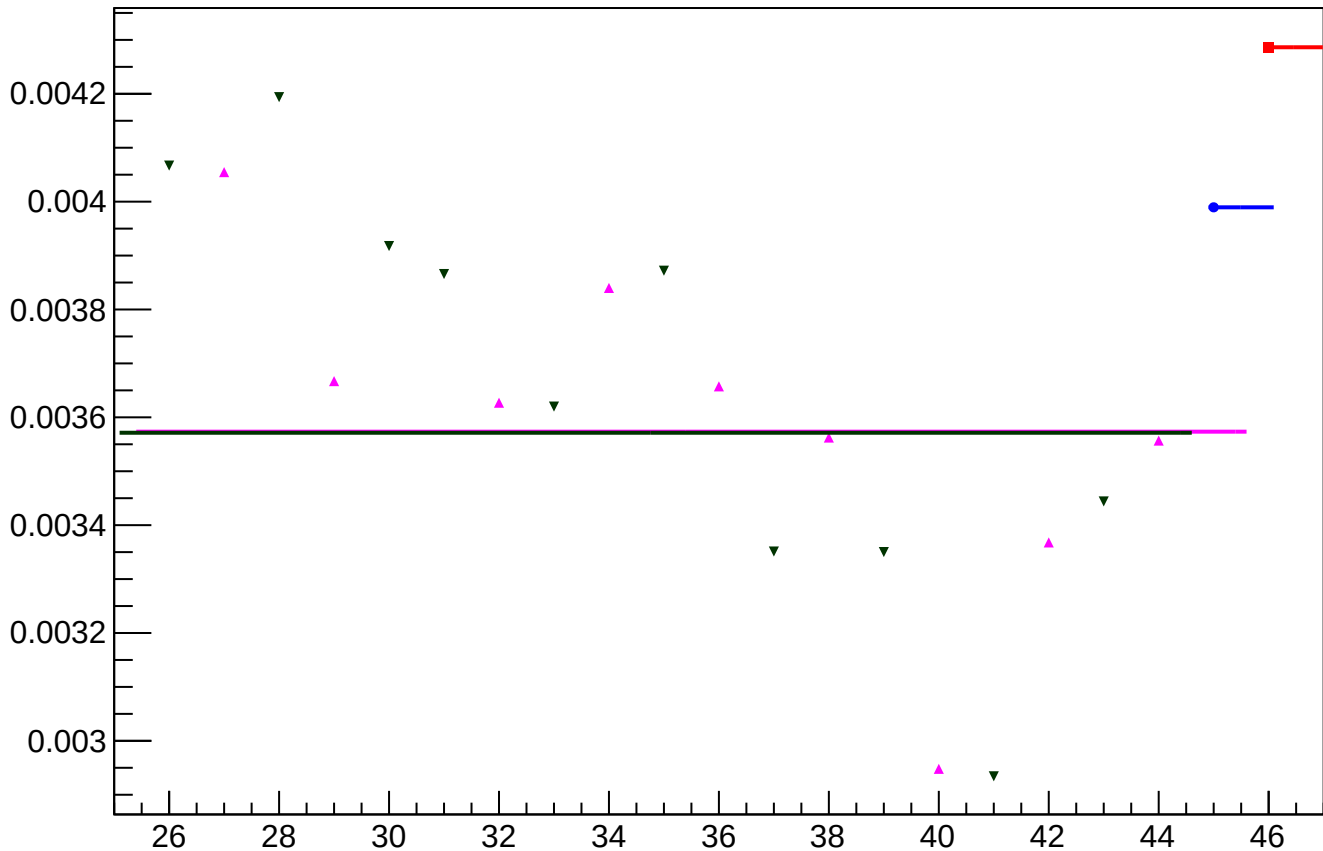
Right Out: -0.083 ± 0.000 χ^2/NDF : 0.0/0

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

-0.082 ± 0.000 χ^2/NDF : 35926430.9/10

-0.084 ± 0.000 χ^2/NDF : 3522107.1/9

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

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

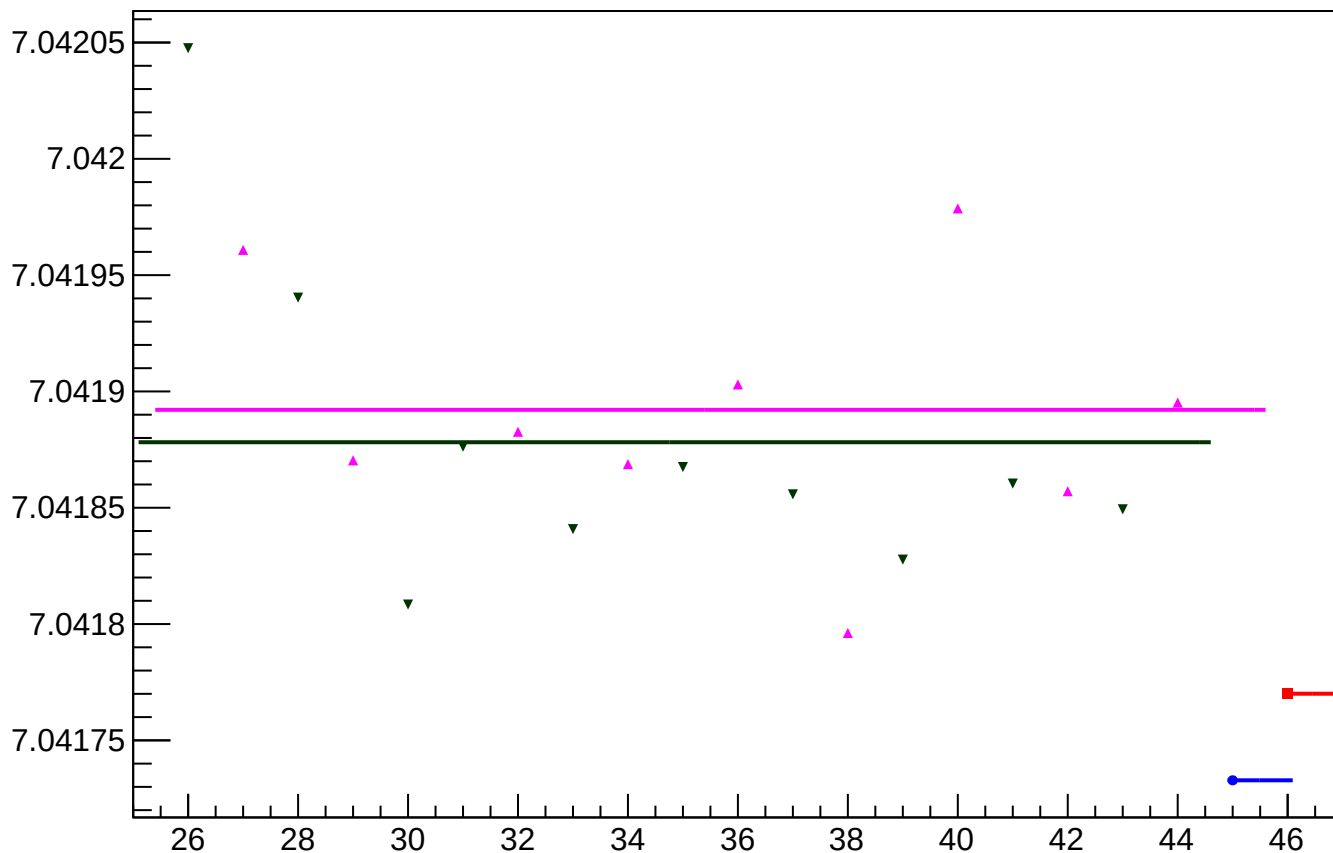
0.004+/-0.000 χ^2/NDF : 133909.2/10

Right Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 98437.4/9

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

yield_cav4dX_mean vs slug



Right In: 7.042 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

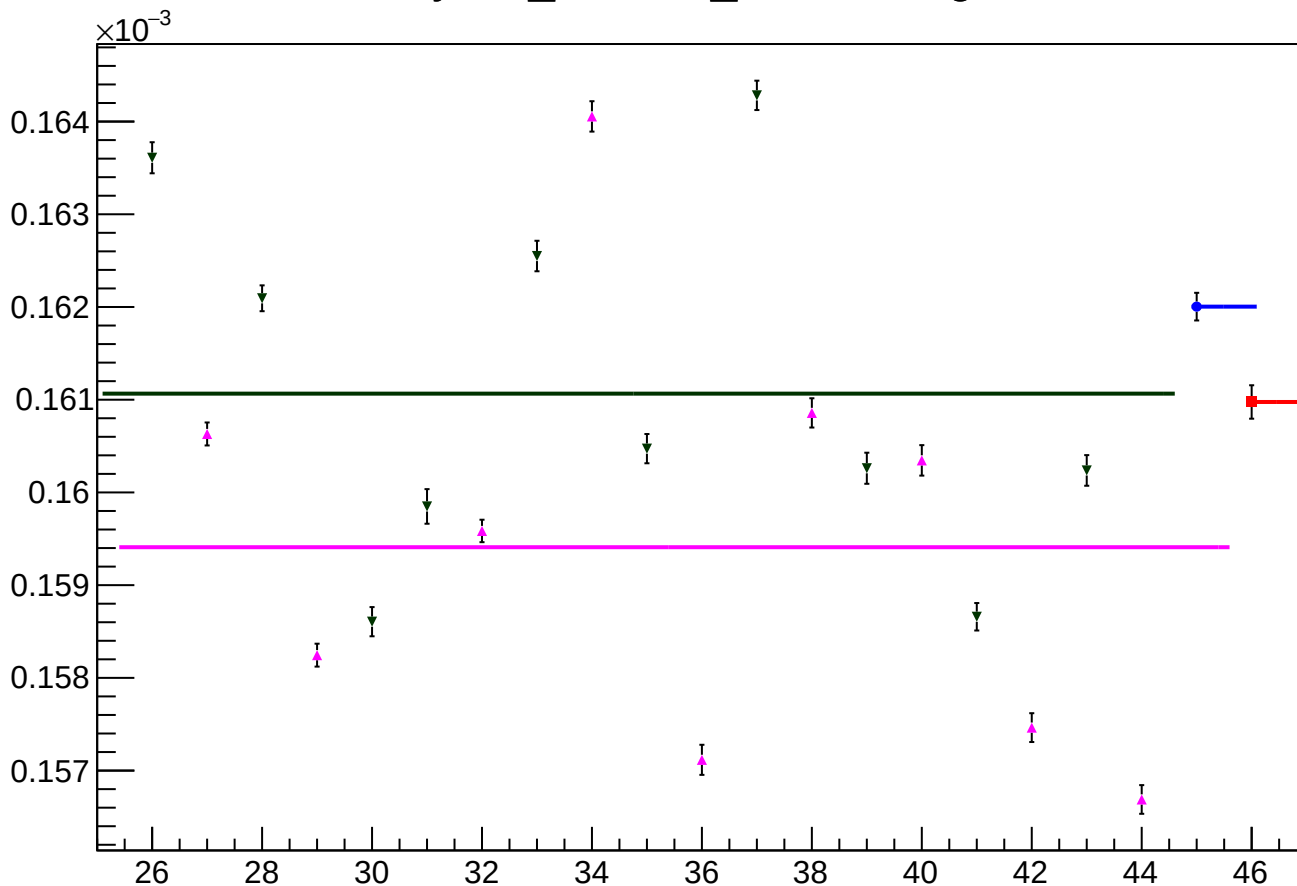
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

7.042 $\pm$ 0.000 χ^2 /NDF: 1240766.7/10

7.042 $\pm$ 0.000 χ^2 /NDF: 748014.8/9

yield_cav4dX_rms vs slug



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

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:1391.6/9

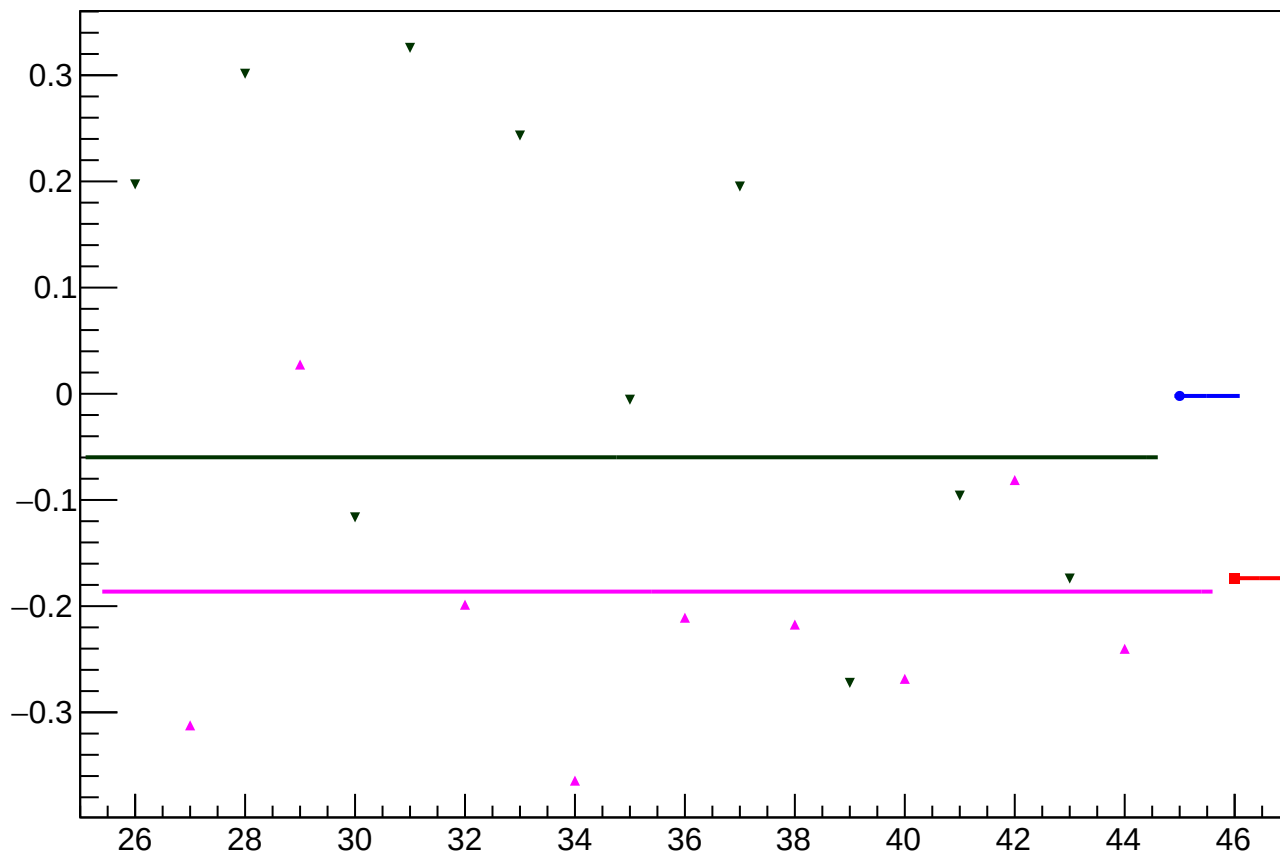
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:1775.1/8

0.000 $\pm$ 0.000 χ^2 /NDF: 1427.1/10

0.000 $\pm$ 0.000 χ^2 /NDF: 1845.6/9

yield_cav4dY_mean vs slug



Right In: -0.002+/-0.000 χ^2/NDF : 0.0/0

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

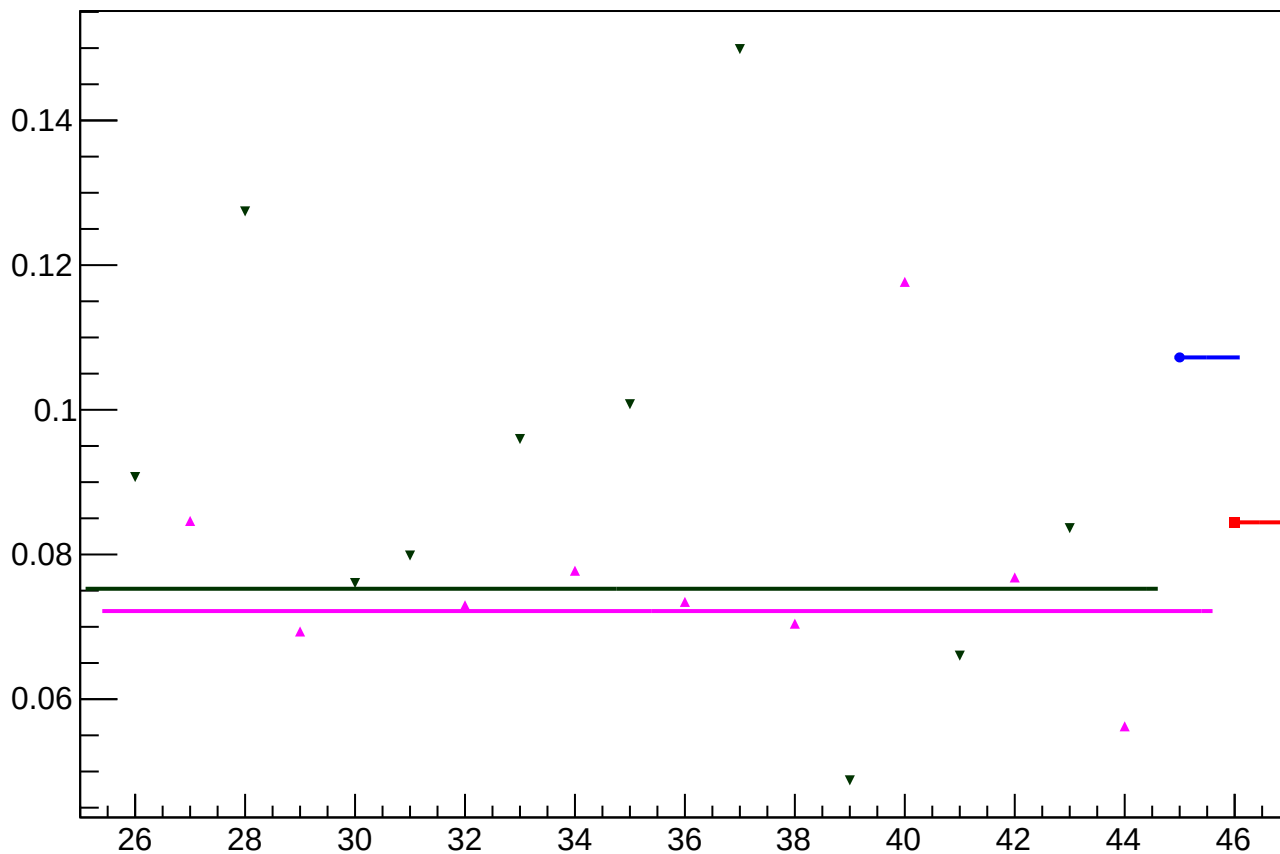
Right Out: -0.174+/-0.000 χ^2/NDF : 0.0/0

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

-0.056+/-0.000 χ^2/NDF : 19612636.4/10

-0.186+/-0.000 χ^2/NDF : 8366245.7/9

yield_cav4dY_rms vs slug



Right In: 0.107 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

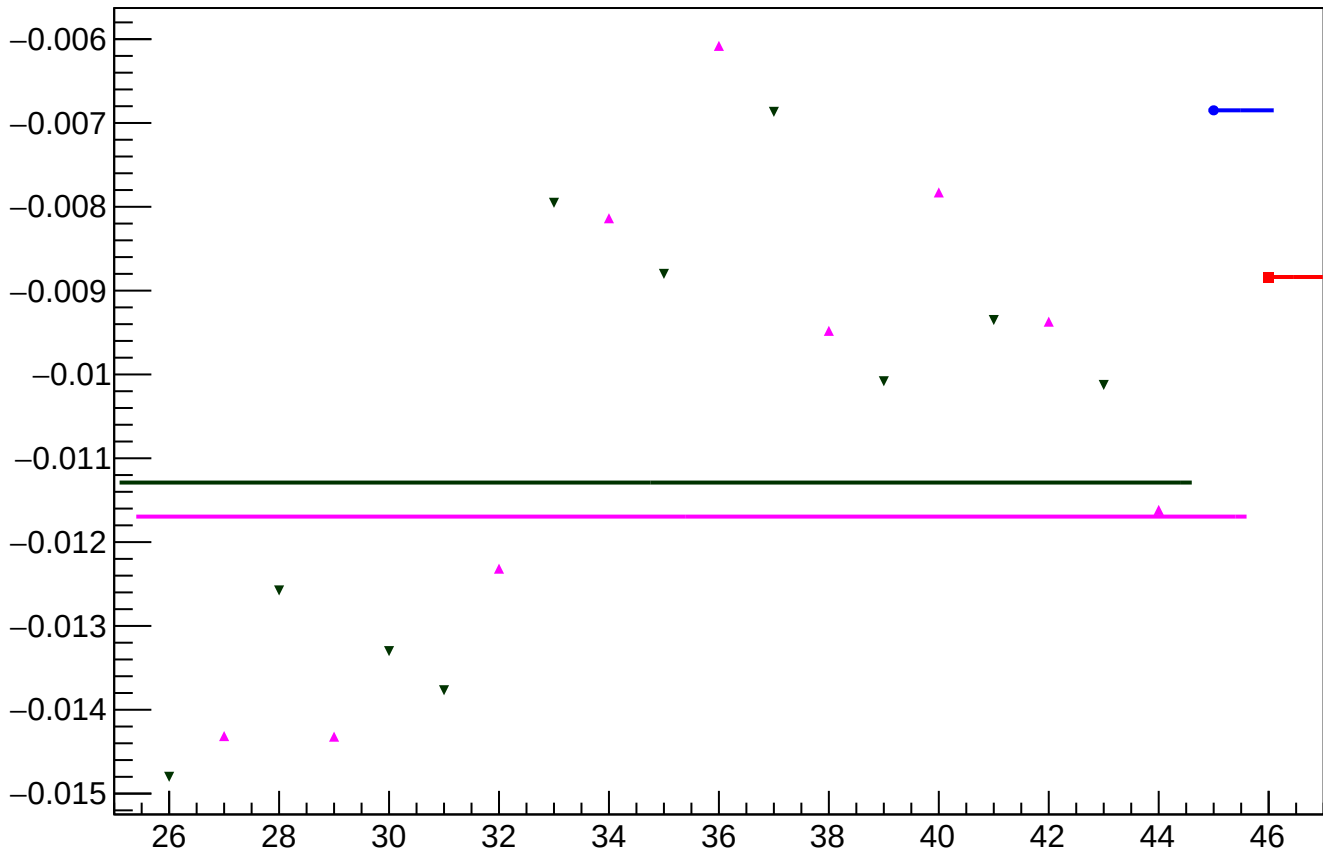
Right Out: 0.084 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.077 $\pm$ 0.000 χ^2 /NDF: 648540.7/10

0.073 $\pm$ 0.000 χ^2 /NDF: 203896.0/9

yield_bpm4aX_mean vs slug



Right In: -0.007+/-0.000 χ^2/NDF : 0.0/0

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

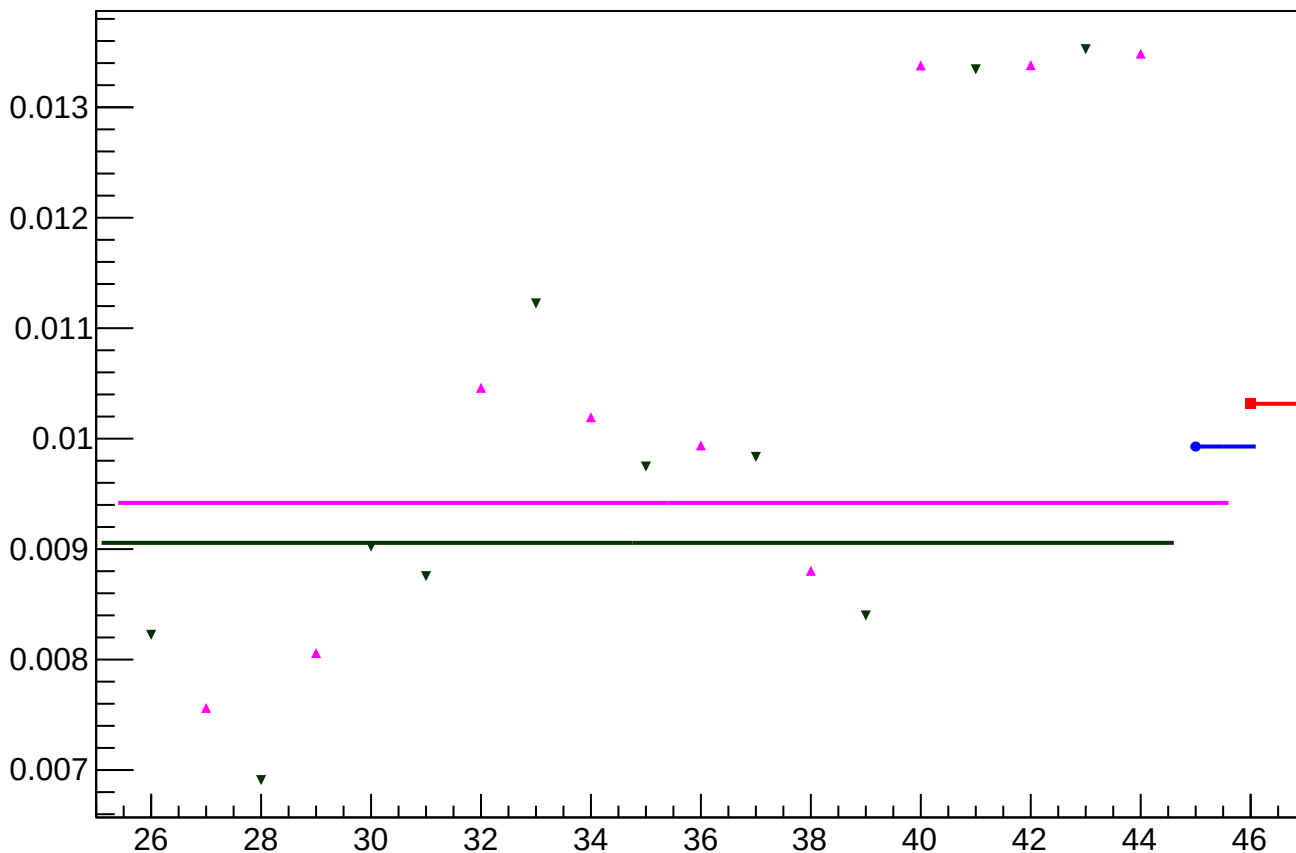
-0.011+/-0.000 χ^2/NDF : 487771.6/10

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/0

-0.012+/-0.000 χ^2/NDF : 522051.5/9

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 : 0.0/0

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

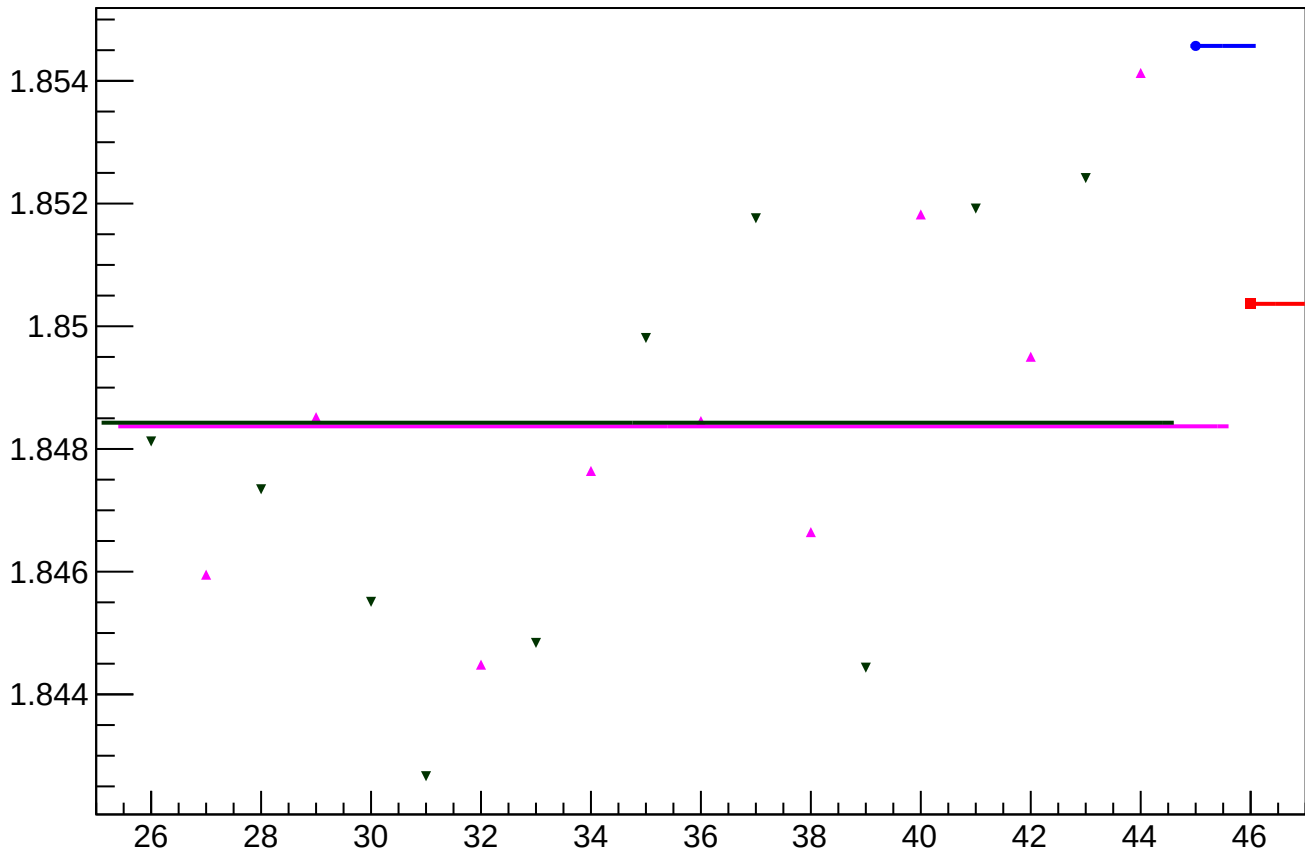
Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

0.009+/-0.000 χ^2/NDF : 424564.6/10

0.009+/-0.000 χ^2/NDF : 453792.8/9

yield_bpm4aY_mean vs slug



Right In: 1.855+/-0.000 χ^2/NDF : 0.0/0

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

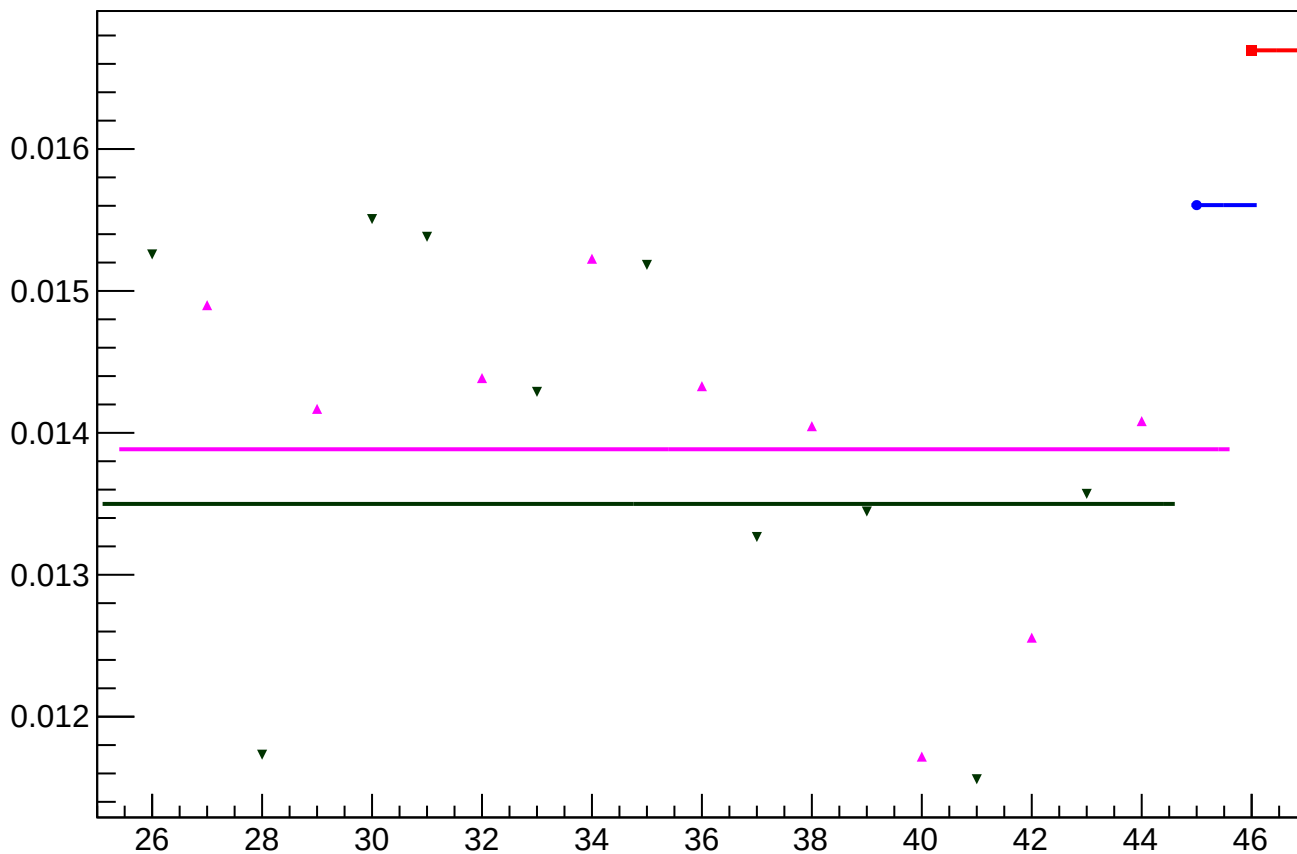
1.849+/-0.000 χ^2/NDF : 356835.1/10

Right Out: 1.850+/-0.000 χ^2/NDF : 0.0/0

1.848+/-0.000 χ^2/NDF : 231701.3/9

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

yield_bpm4aY_rms vs slug



Right In: 0.016 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:115025.1/9

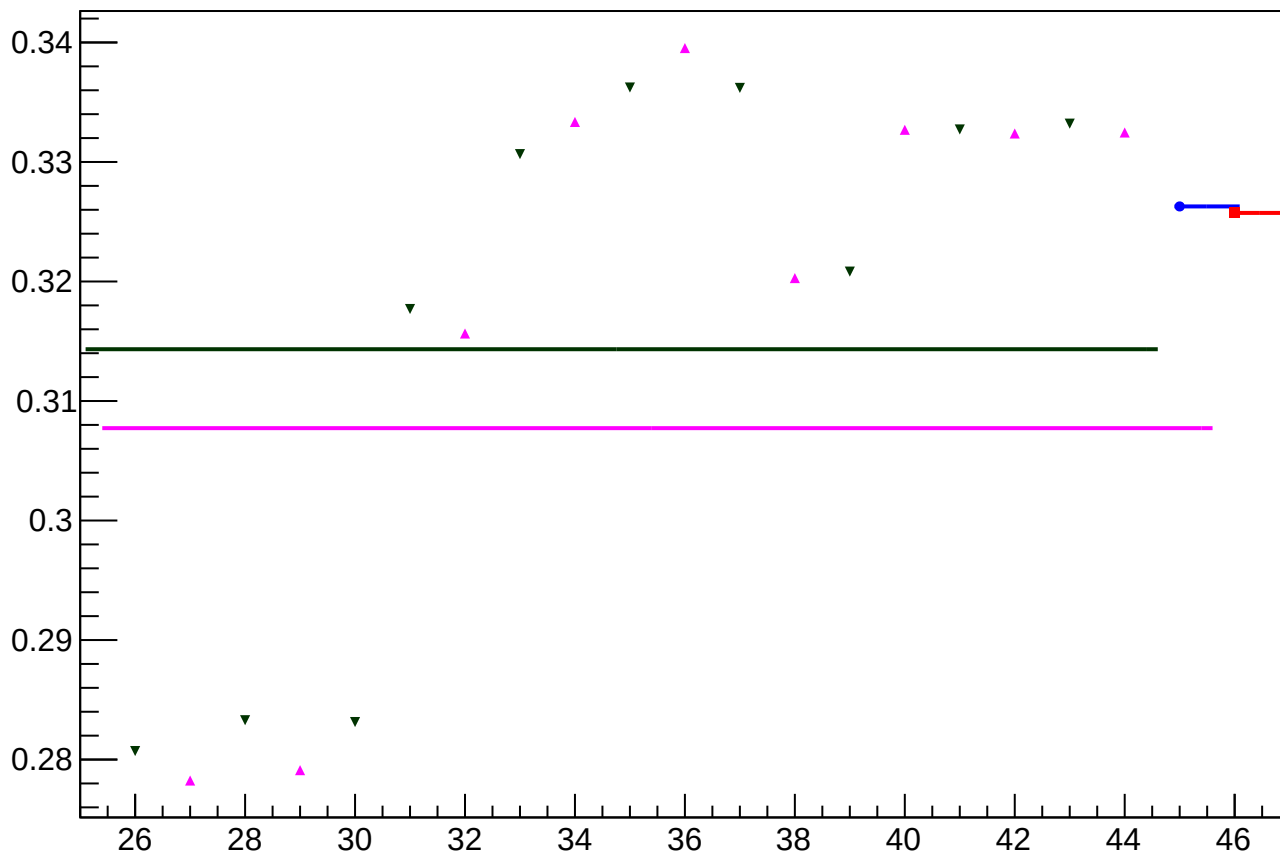
Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:63870.3/8

0.014 $\pm$ 0.000 χ^2 /NDF: 134896.5/10

0.014 $\pm$ 0.000 χ^2 /NDF: 85125.5/9

yield_bpm4eX_mean vs slug



Right In: 0.326 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

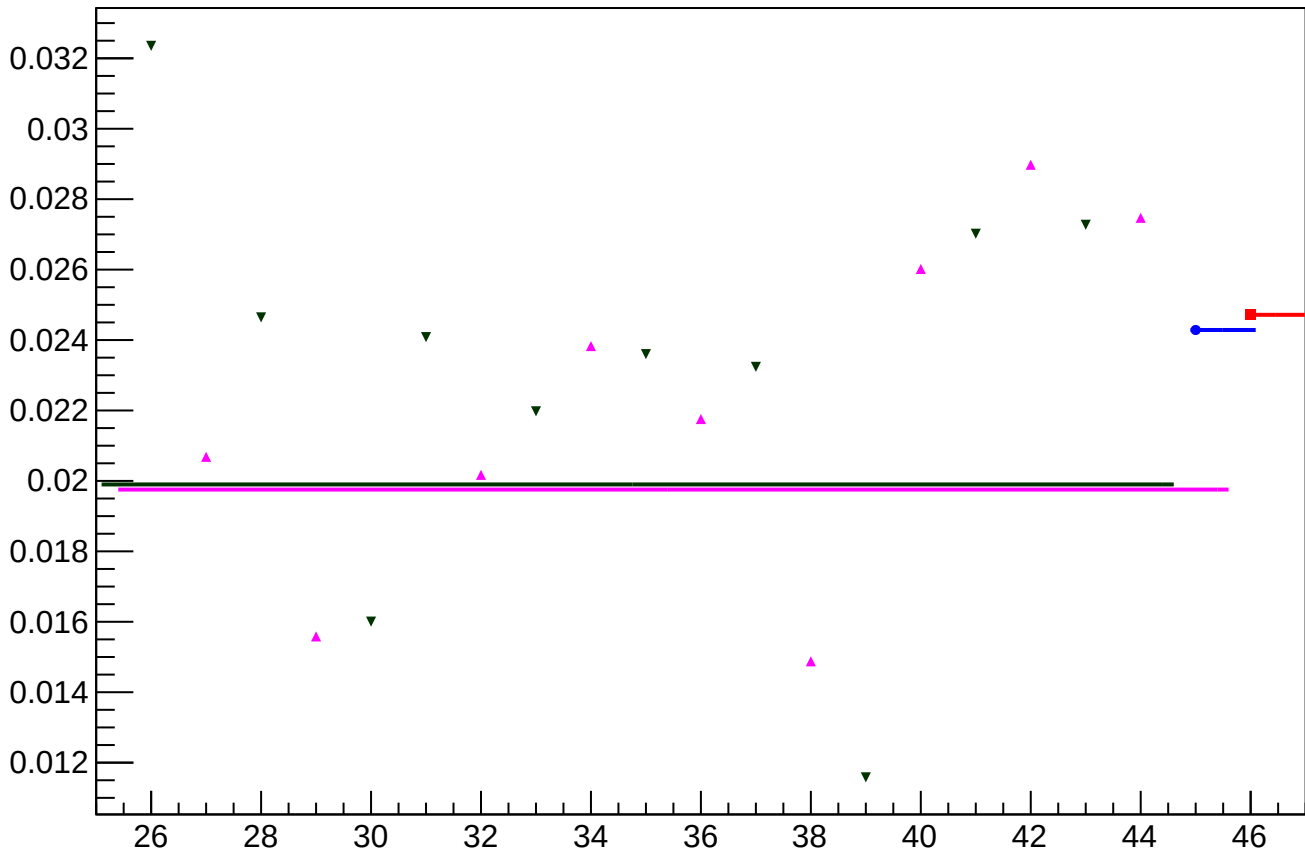
Right Out: 0.326 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.315 $\pm$ 0.000 χ^2 /NDF: 5258902.8/10

0.309 $\pm$ 0.000 χ^2 /NDF: 7568499.2/9

yield_bpm4eX_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 0.0/0

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

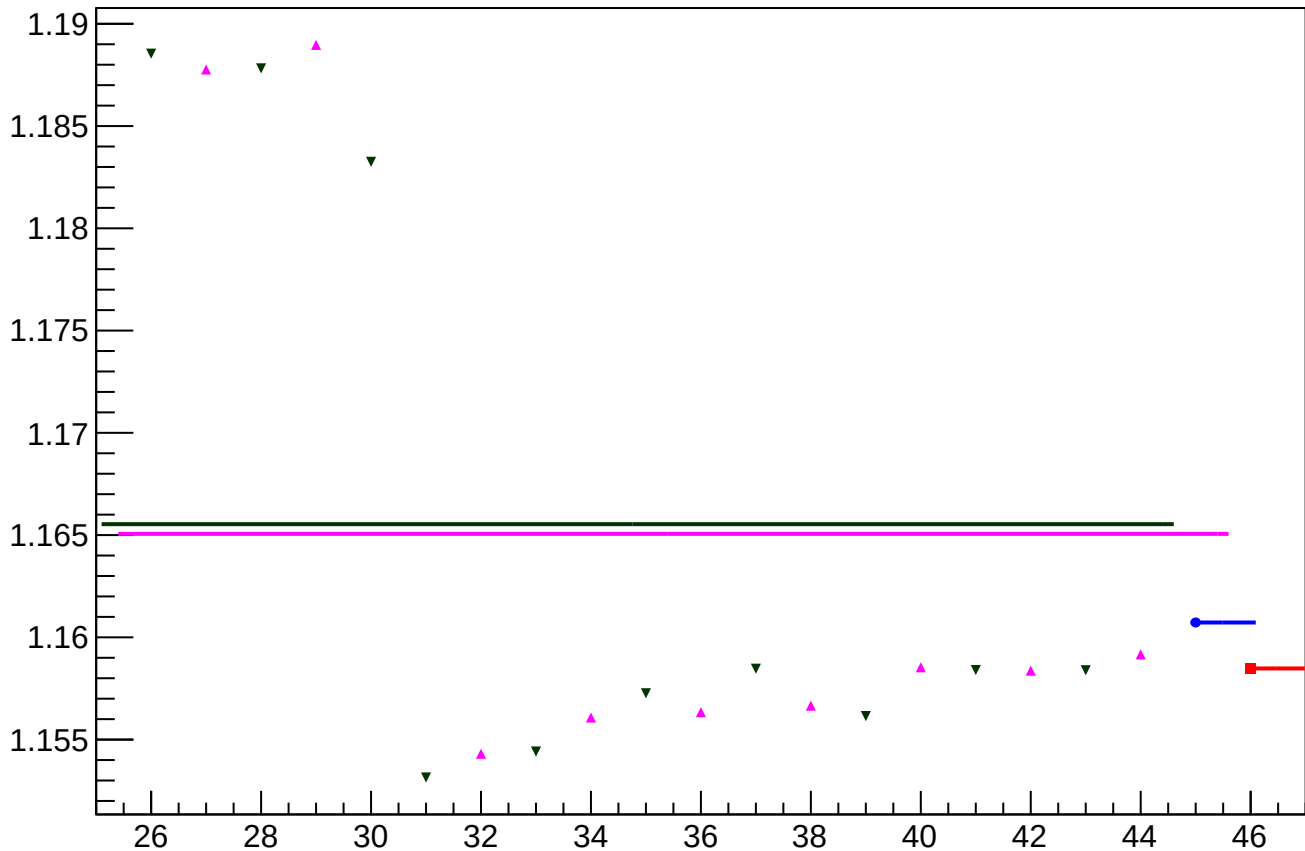
0.020+/-0.000 χ^2/NDF : 919039.3/10

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 509649.5/9

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

yield_bpm4eY_mean vs slug



Right In: 1.161+/-0.000 χ^2/NDF : 0.0/0

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

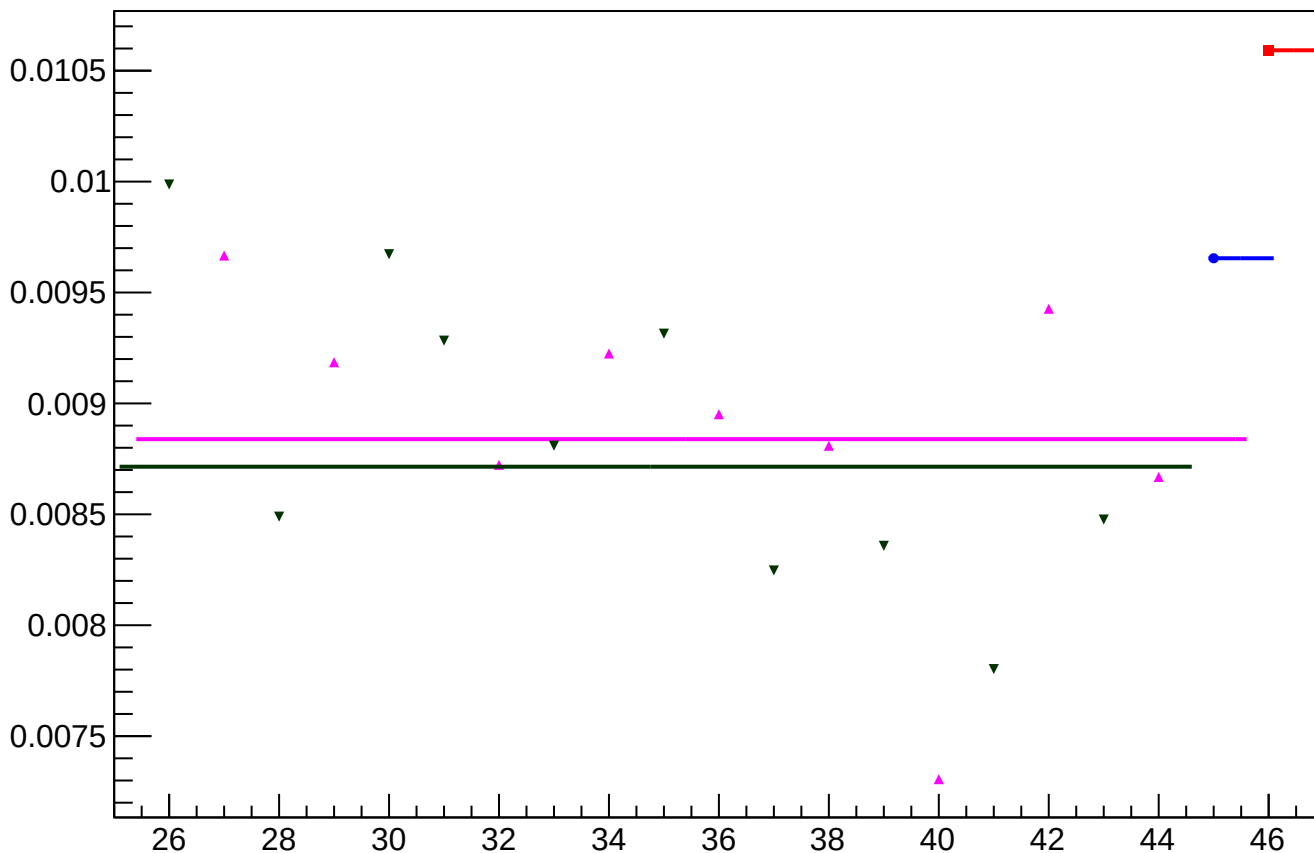
Right Out: 1.158+/-0.000 χ^2/NDF : 0.0/0

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

1.165+/-0.000 χ^2/NDF : 12164187.1/10

1.165+/-0.000 χ^2/NDF : 13498478.1/9

yield_bpm4eY_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 53979.4/9

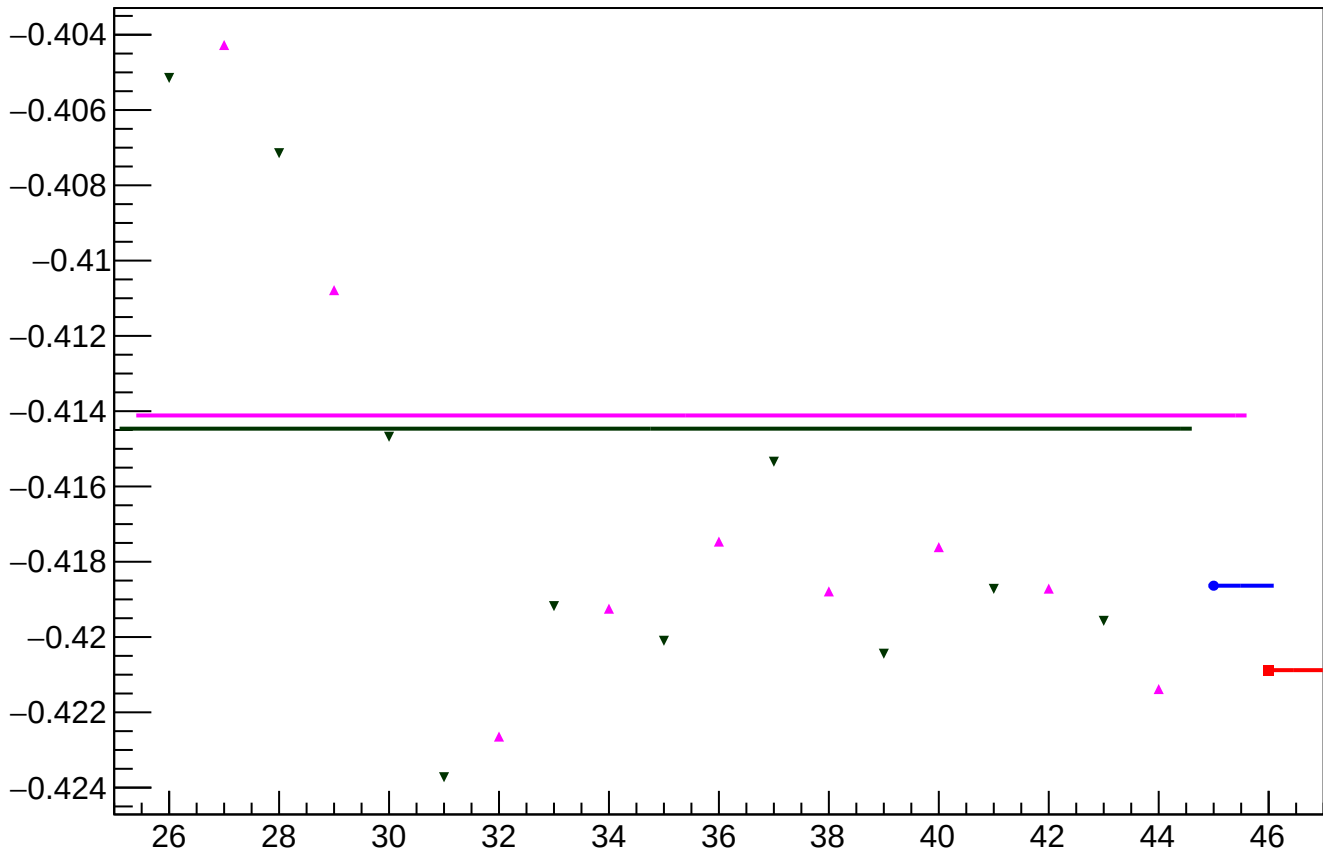
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 62872.2/8

0.009 $\pm$ 0.000 χ^2 /NDF: 64237.6/10

0.009 $\pm$ 0.000 χ^2 /NDF: 83846.8/9

yield_bpm4acX_mean vs slug



Right In: -0.419+/-0.000 χ^2 /NDF: 0.0/0

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

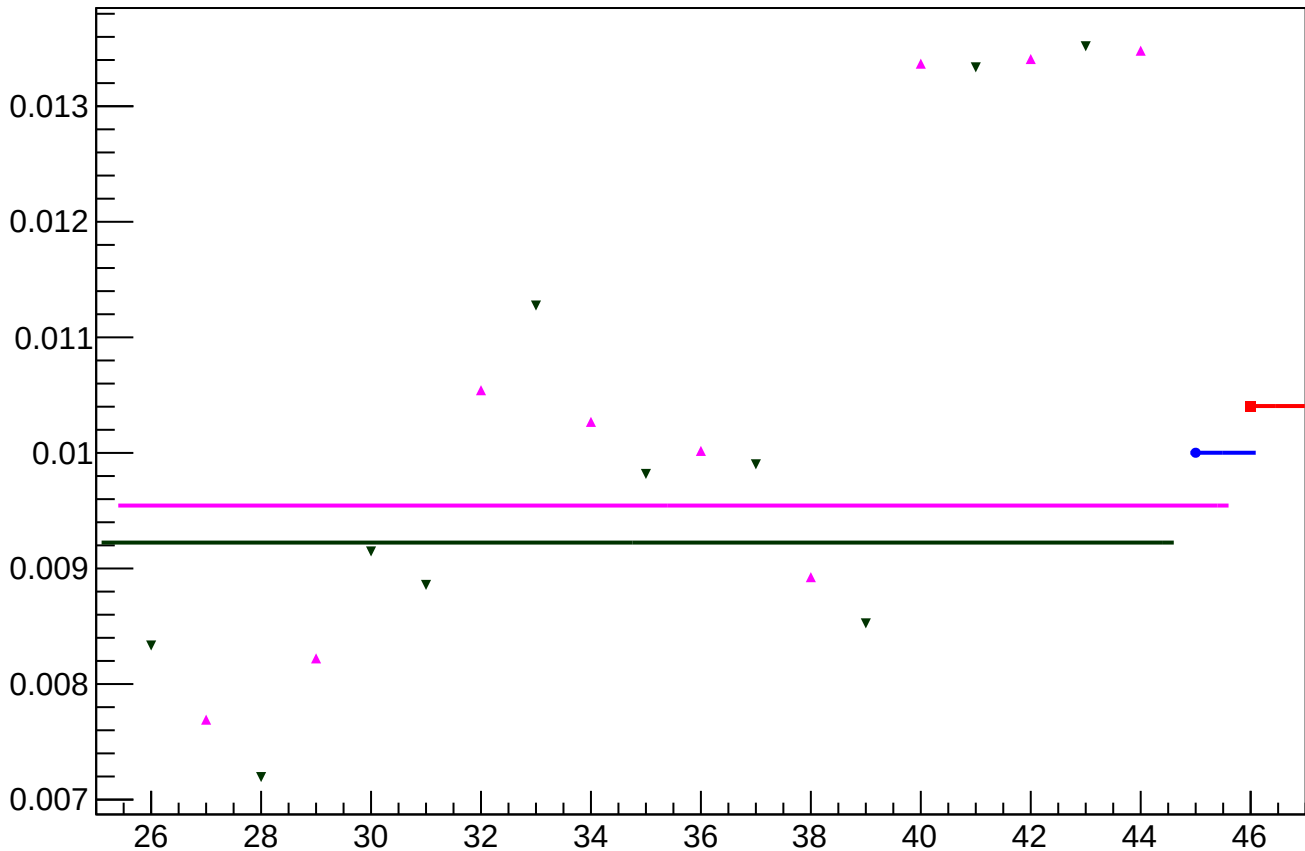
Right Out: -0.421+/-0.000 χ^2 /NDF: 0.0/0

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

-0.415+/-0.000 χ^2 /NDF: 2412002.6/10

-0.415+/-0.000 χ^2 /NDF: 2811198.2/9

yield_bpm4acX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

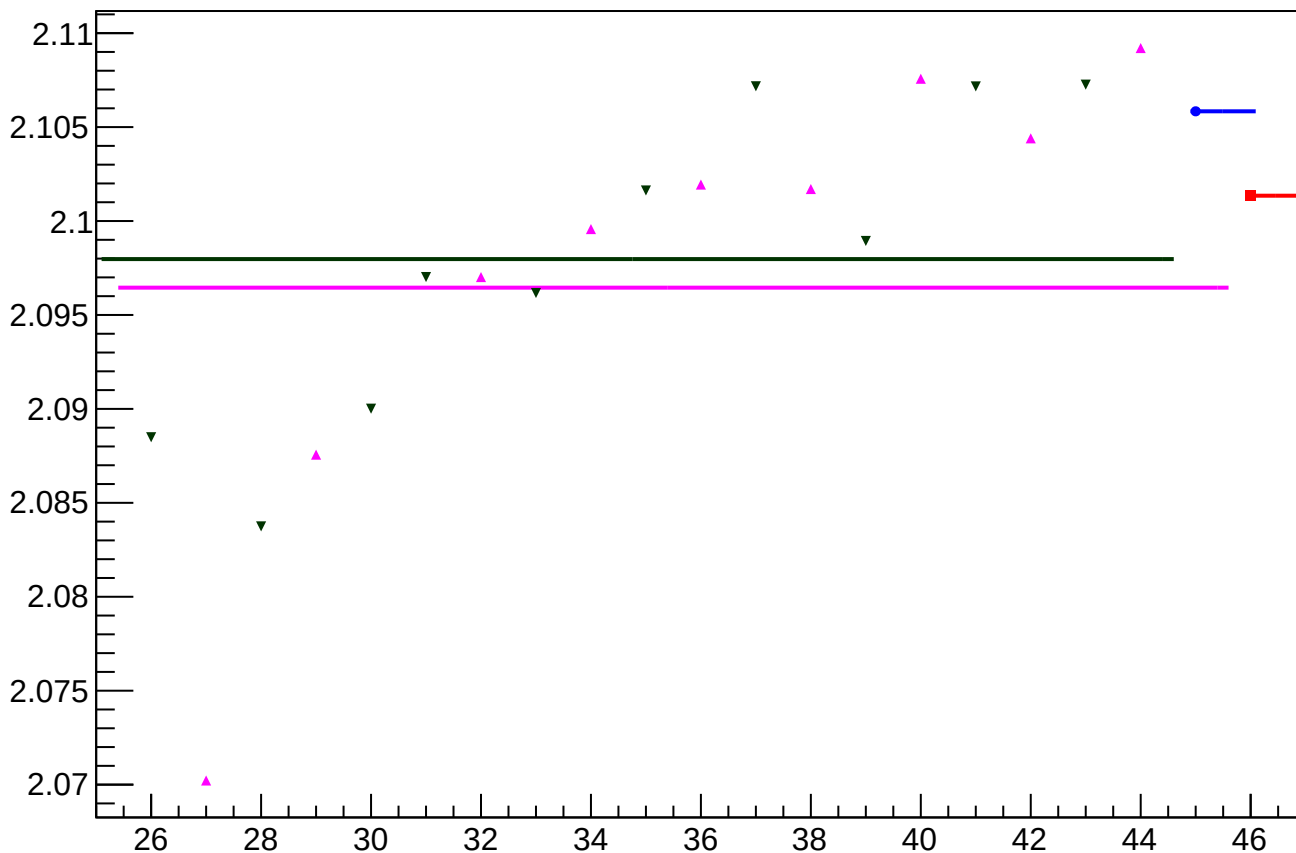
0.009+/-0.000 χ^2/NDF : 378626.2/10

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 426132.8/9

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

yield_bpm4acY_mean vs slug



Right In: 2.106 ± 0.000 χ^2/NDF : 0.0/0

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

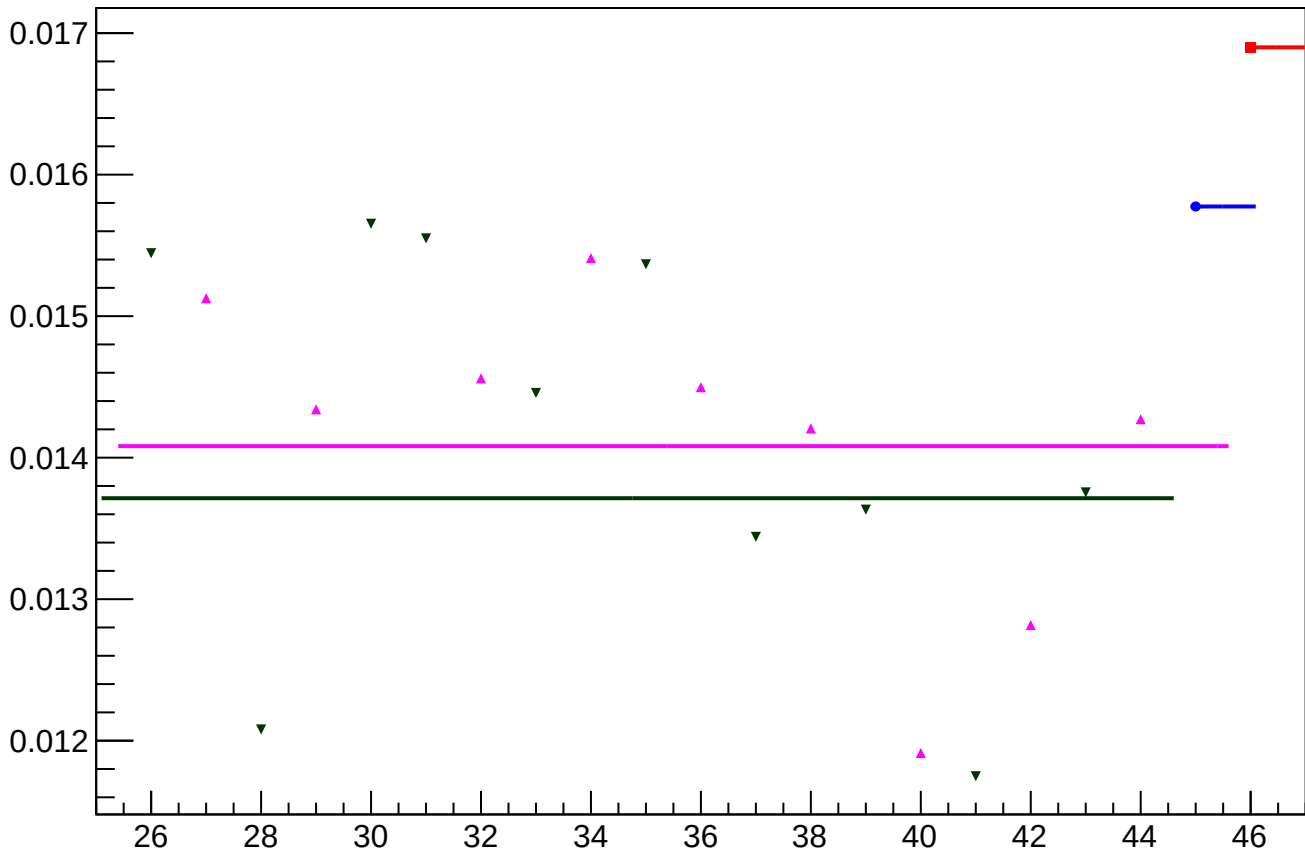
Right Out: 2.101 ± 0.000 χ^2/NDF : 0.0/0

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

2.099 ± 0.000 χ^2/NDF : 2109895.3/10

2.097 ± 0.000 χ^2/NDF : 4021036.8/9

yield_bpm4acY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

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

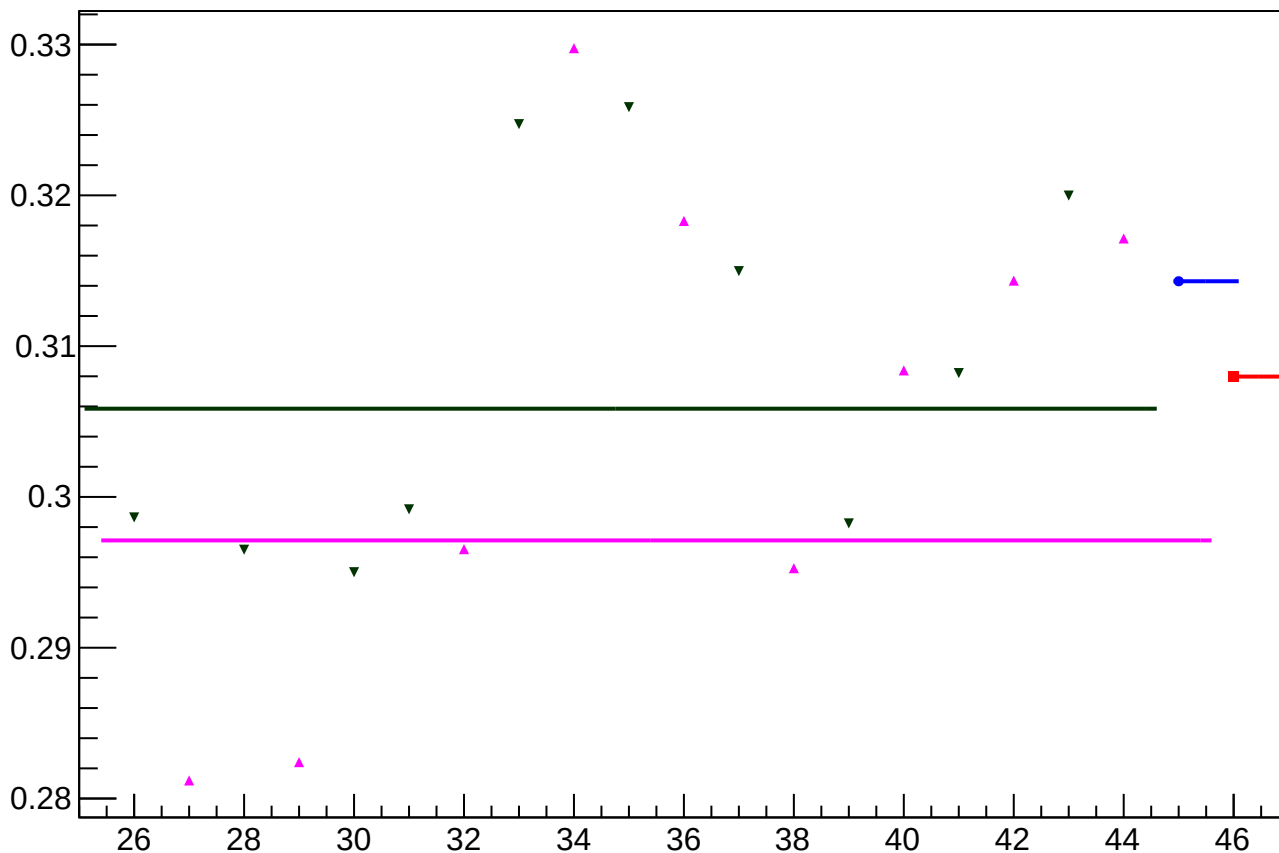
0.014+/-0.000 χ^2/NDF : 124525.6/10

Right Out: 0.017+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 81589.7/9

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

yield_bpm4ecX_mean vs slug



Right In: 0.314 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

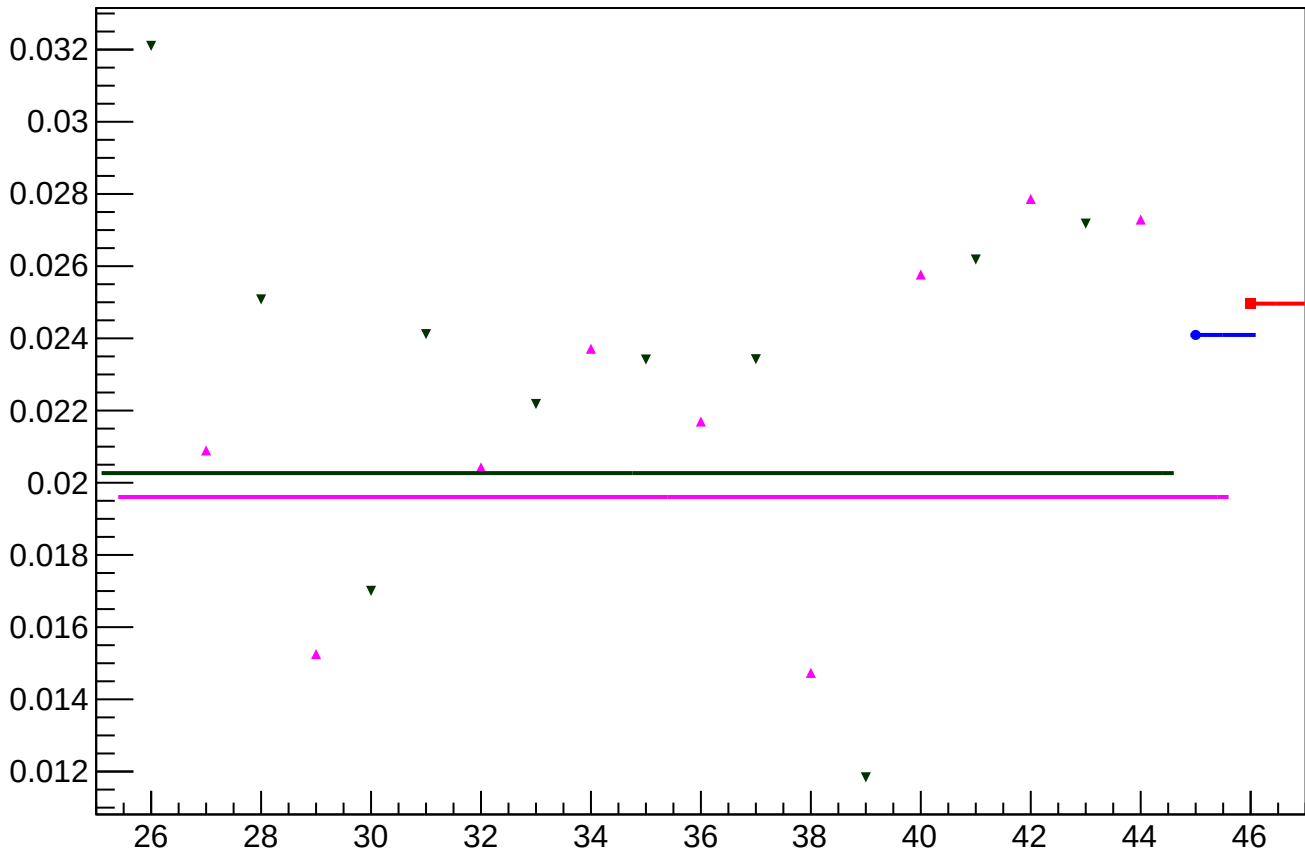
0.307 $\pm$ 0.000 χ^2 /NDF: 1508864.4/10

Right Out: 0.308 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.298 $\pm$ 0.000 χ^2 /NDF: 3182482.1/9

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

yield_bpm4ecX_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 0.0/0

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

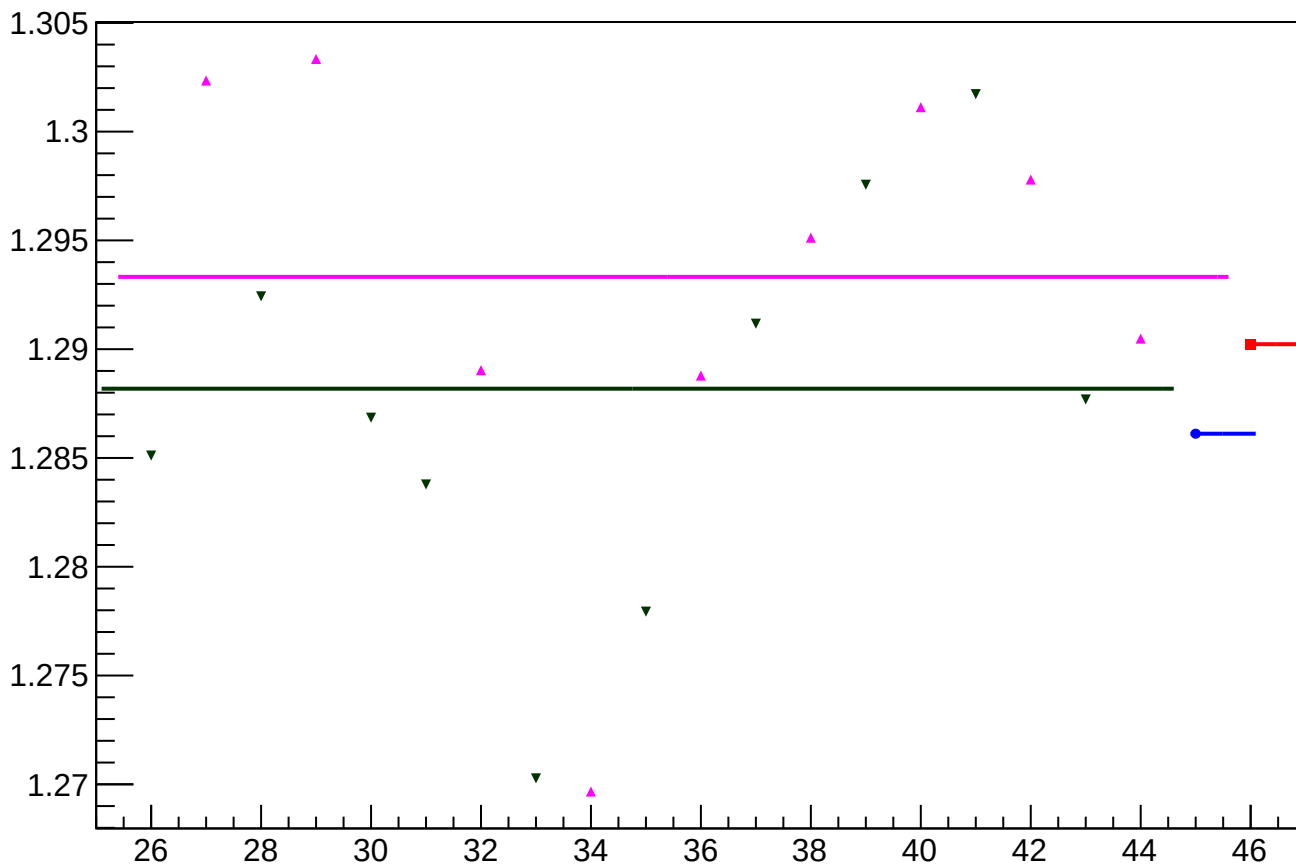
0.021+/-0.000 χ^2/NDF : 832356.0/10

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 525085.0/9

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

yield_bpm4ecY_mean vs slug



Right In: 1.286 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.288 $\pm$ 0.000 χ^2 /NDF:3977019.1/9

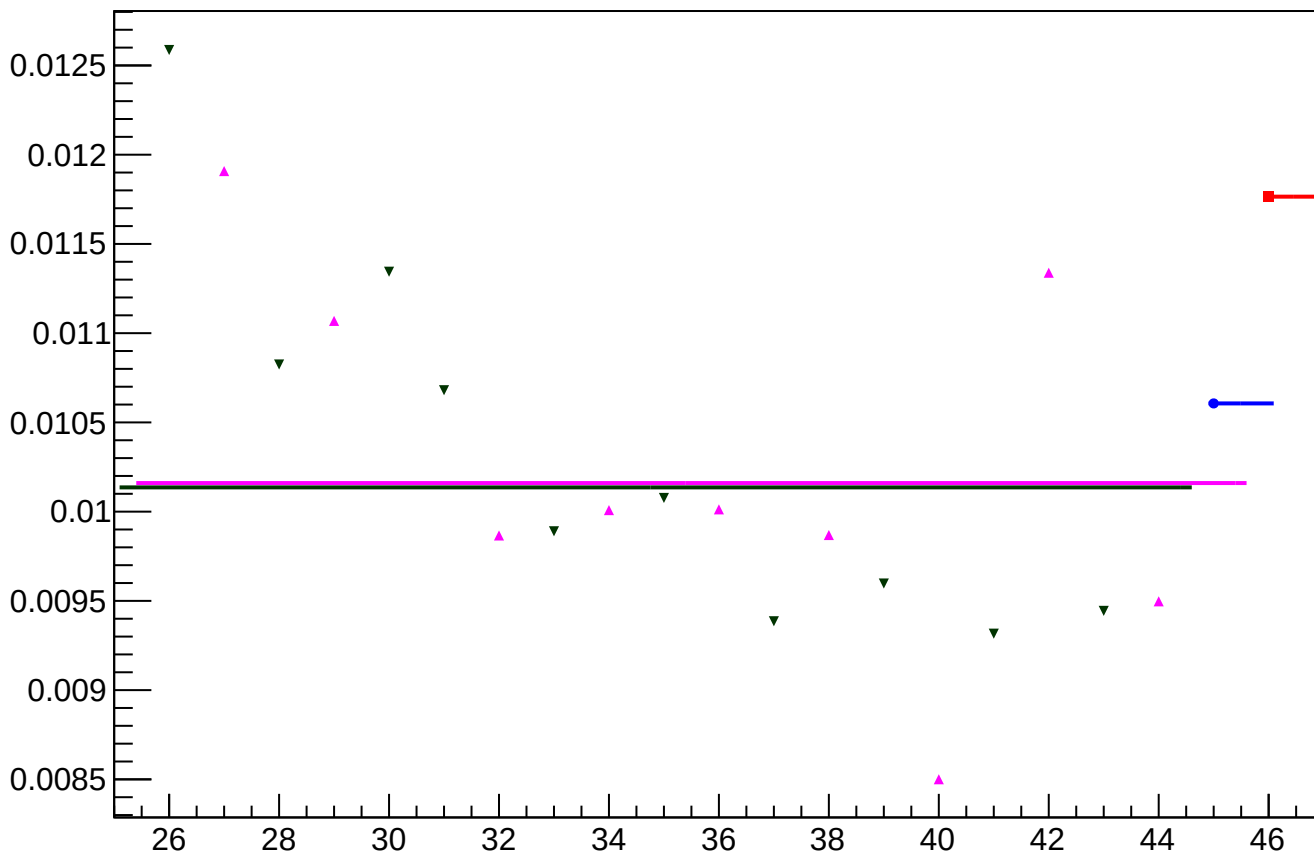
Right Out: 1.290 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.293 $\pm$ 0.000 χ^2 /NDF:4684548.1/8

1.288 $\pm$ 0.000 χ^2 /NDF: 3997268.5/10

1.293 $\pm$ 0.000 χ^2 /NDF: 4710580.3/9

yield_bpm4ecY_rms vs slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

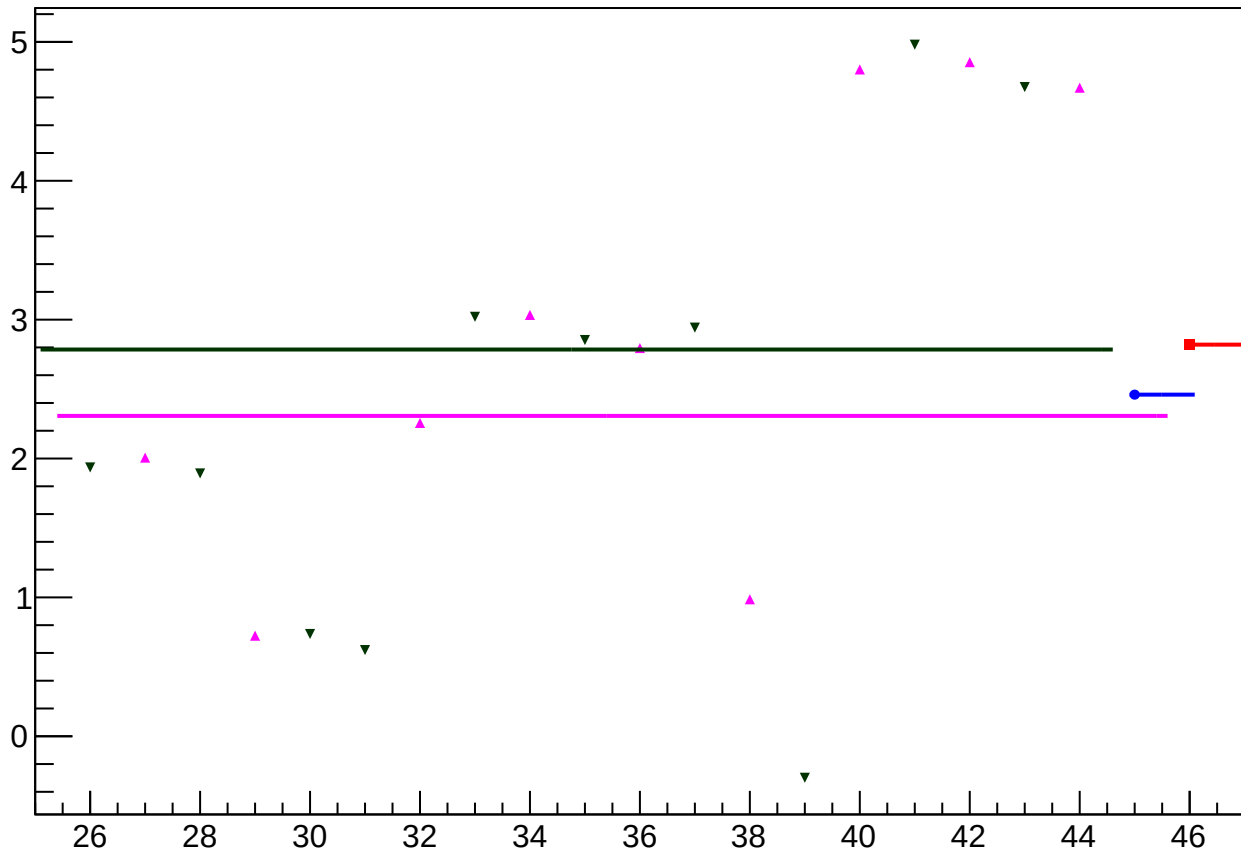
0.010 $\pm$ 0.000 χ^2 /NDF: 79714.4/10

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 114529.3/9

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

yield_bpm1X_mean vs slug



Right In: 2.460 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 2.785 $\pm$ 0.000 χ^2 /NDF: 937439159.6/9

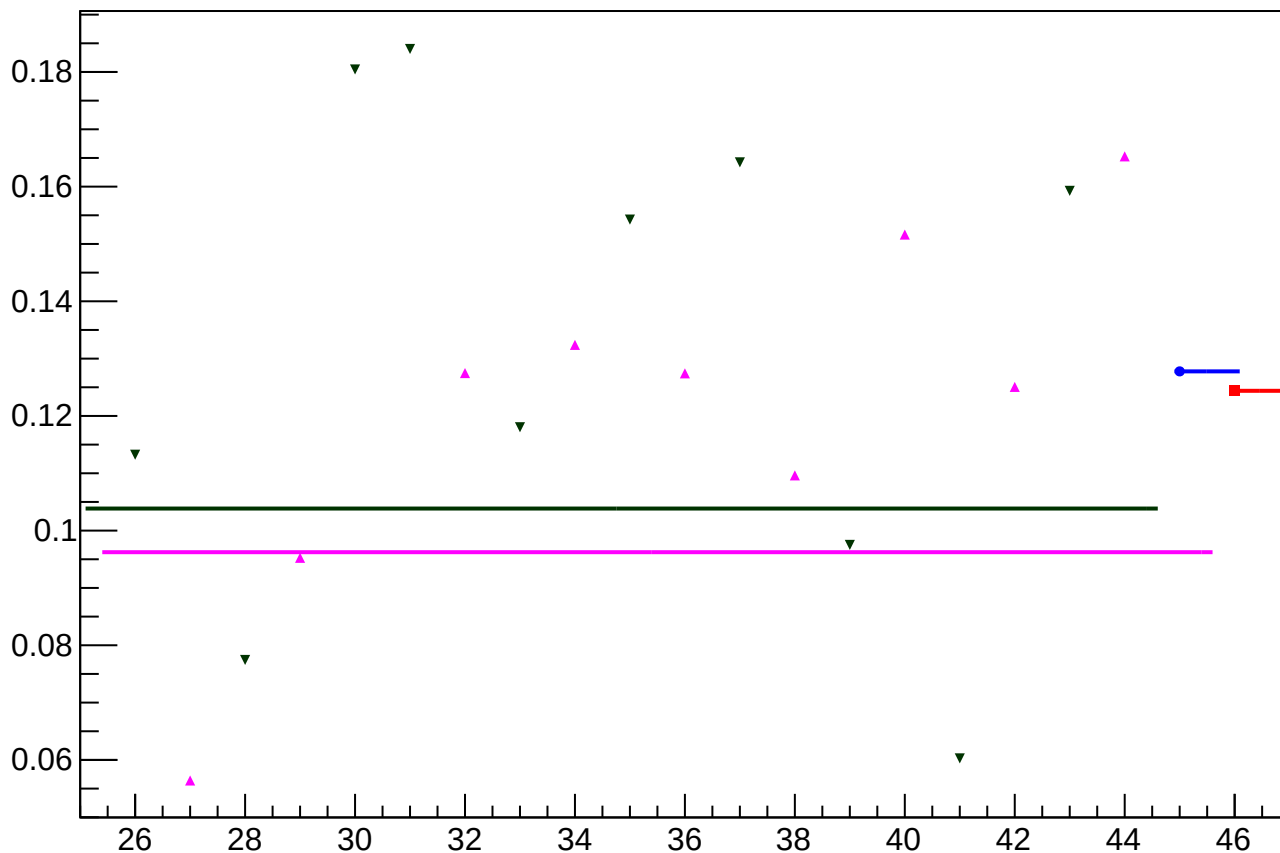
2.757 $\pm$ 0.000 χ^2 /NDF: 940361374.2/10

Right Out: 2.820 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.330 $\pm$ 0.000 χ^2 /NDF: 641716831.6/9

Left In: 2.307 $\pm$ 0.000 χ^2 /NDF: 636892146.9/8

yield_bpm1X_rms vs slug



Right In: 0.128+/-0.000 χ^2/NDF : 0.0/0

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

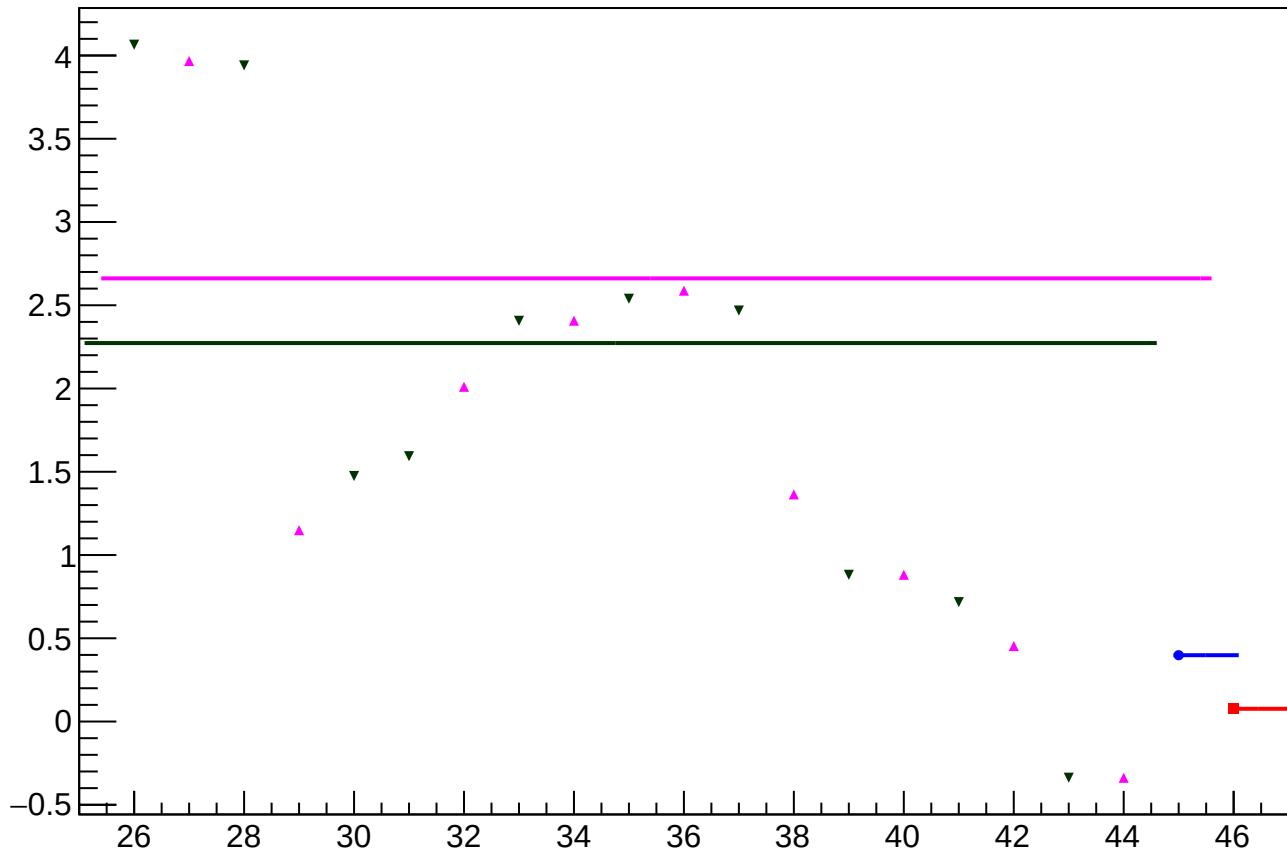
Right Out: 0.124+/-0.000 χ^2/NDF : 0.0/0

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

0.106+/-0.000 χ^2/NDF : 1101149.4/10

0.097+/-0.000 χ^2/NDF : 1093540.4/9

yield_bpm1Y_mean vs slug



Right In: 0.398 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

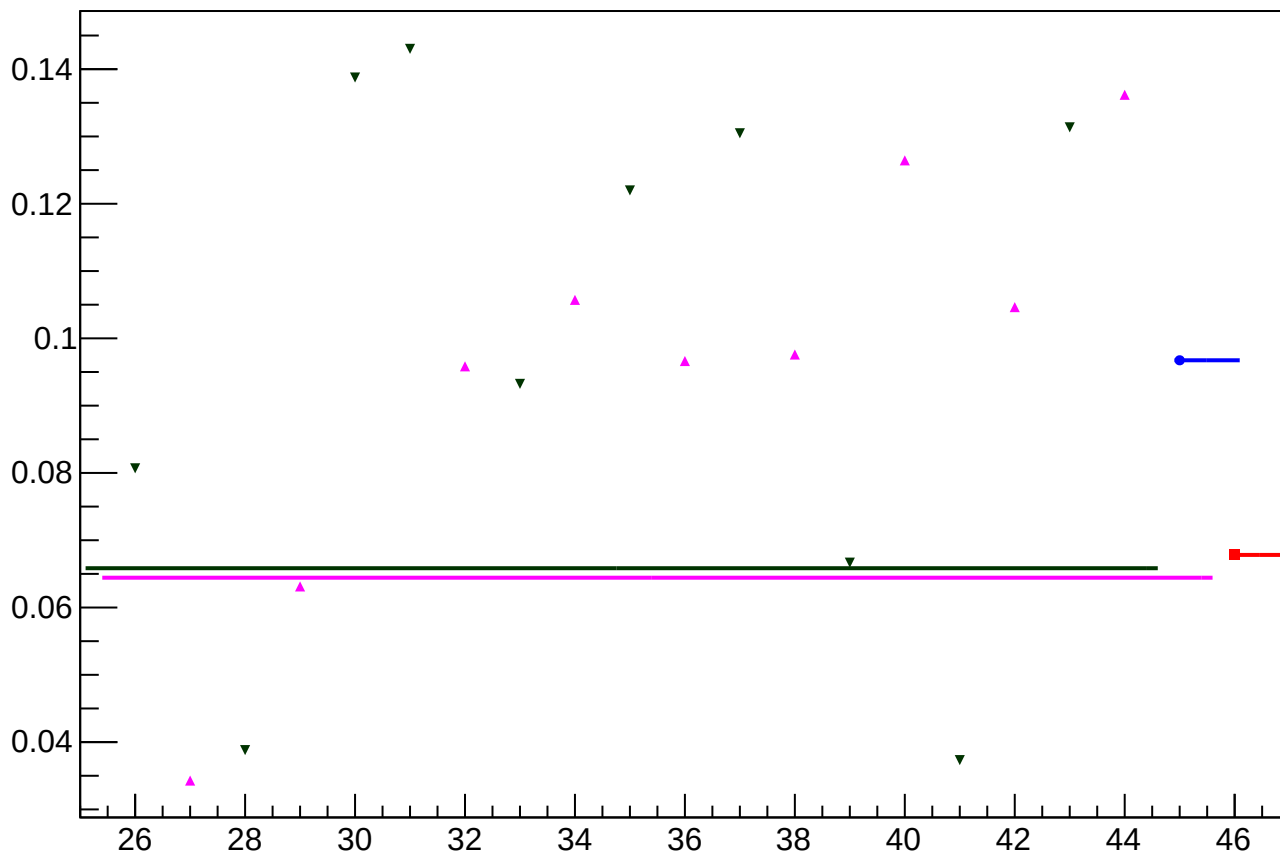
2.139 $\pm$ 0.000 χ^2 /NDF: 1625450234.6/10

Right Out: 0.077 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.516 $\pm$ 0.000 χ^2 /NDF: 1882434209.0/9

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

yield_bpm1Y_rms vs slug



Right In: 0.097+/-0.000 χ^2/NDF : 0.0/0

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

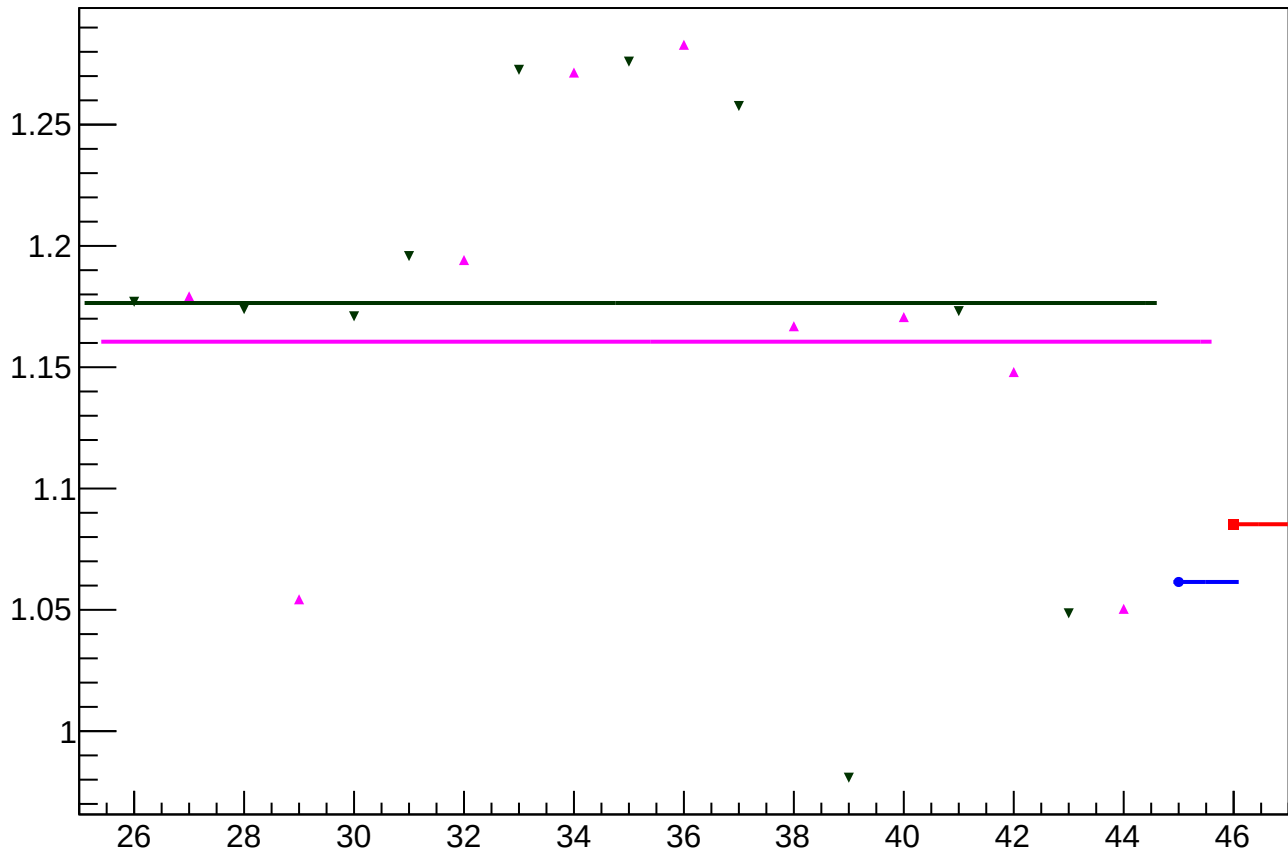
Right Out: 0.068+/-0.000 χ^2/NDF : 0.0/0

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

0.068+/-0.000 χ^2/NDF : 1865718.6/10

0.065+/-0.000 χ^2/NDF : 1804478.3/9

yield_bpm11X_mean vs slug



Right In: 1.061+/-0.000 χ^2/NDF : 0.0/0

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

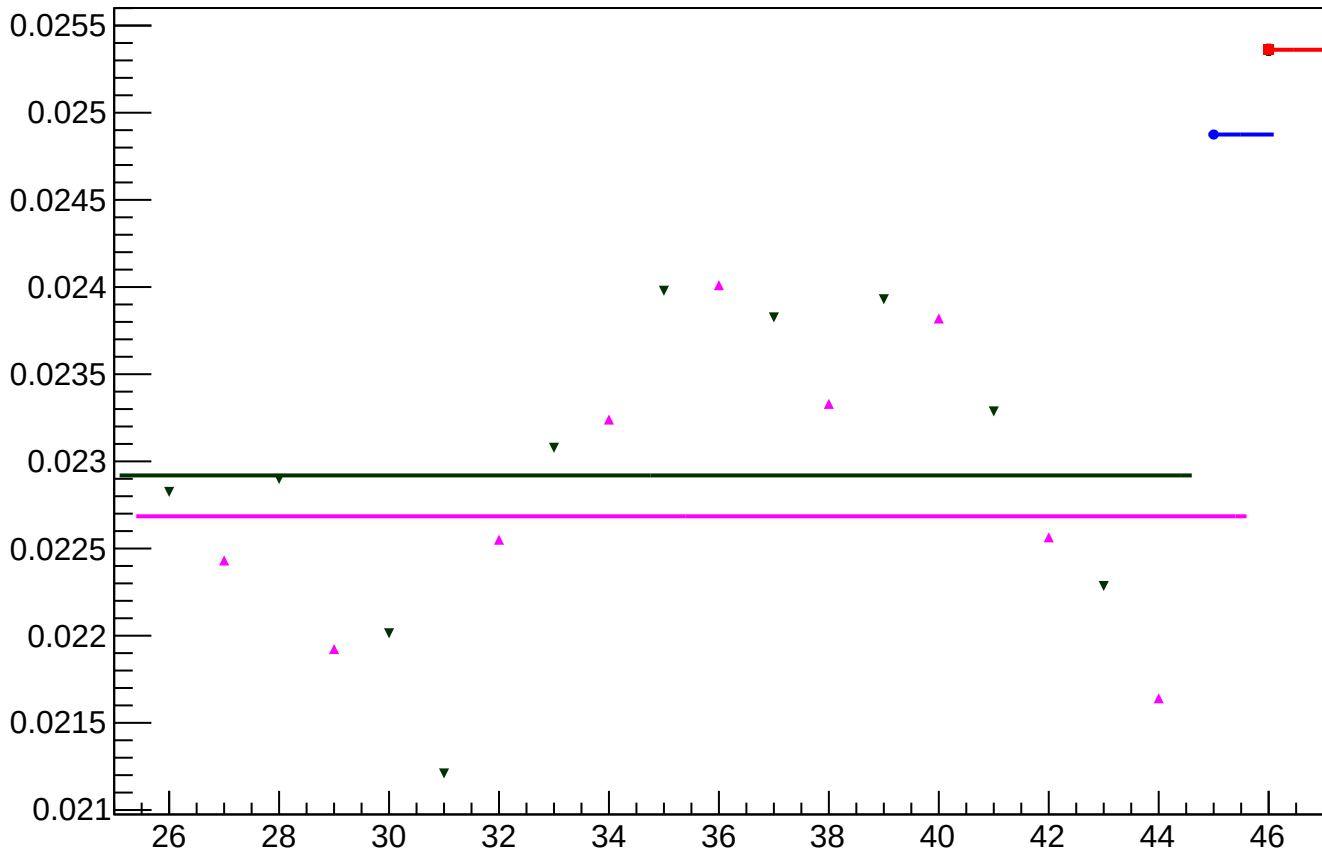
1.166+/-0.000 χ^2/NDF : 77509960.7/10

Right Out: 1.085+/-0.000 χ^2/NDF : 0.0/0

1.157+/-0.000 χ^2/NDF : 61140995.7/9

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

yield_bpm11X_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

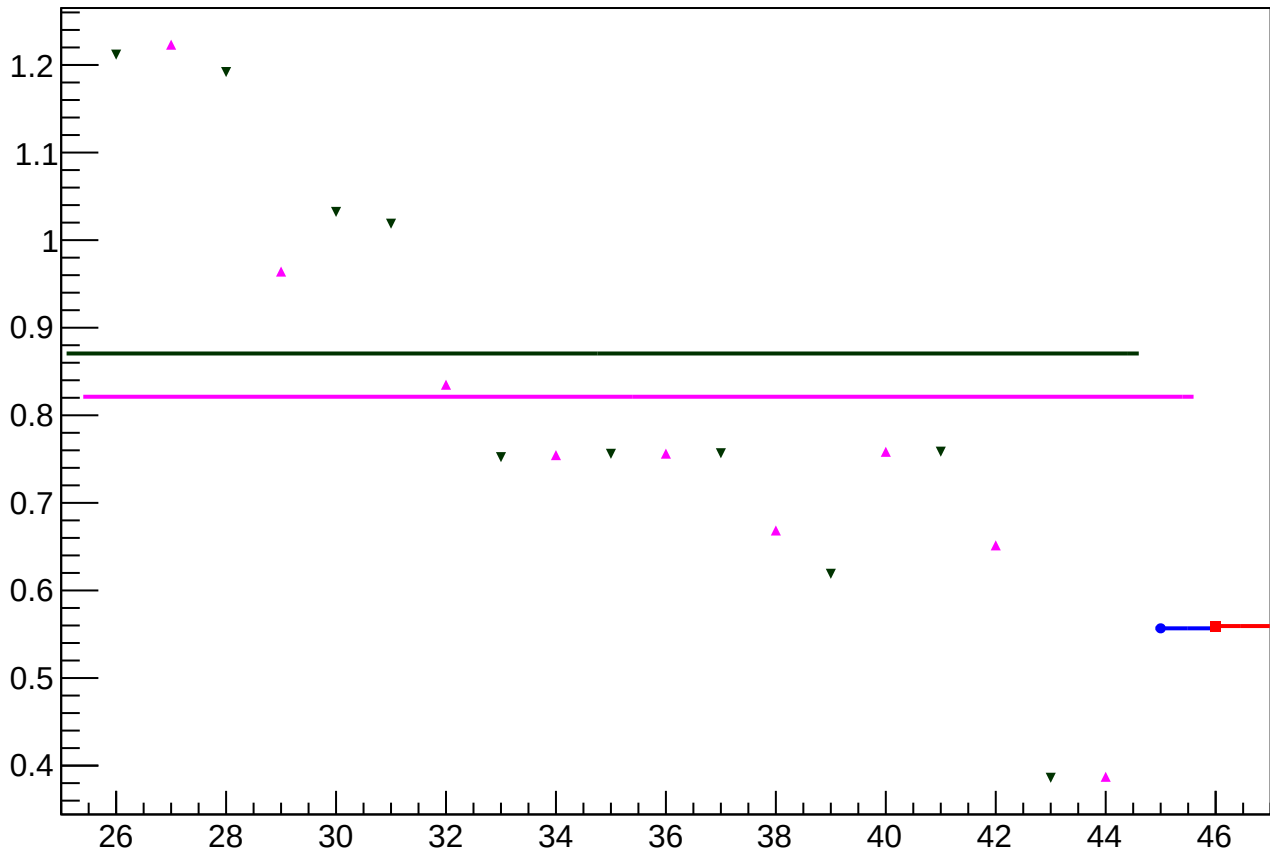
Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.023+/-0.000 χ^2/NDF : 19120.4/10

0.023+/-0.000 χ^2/NDF : 18868.6/9

yield_bpm11Y_mean vs slug



Right In: 0.557 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.871 $\pm$ 0.000 χ^2 /NDF:19713959128.0/9

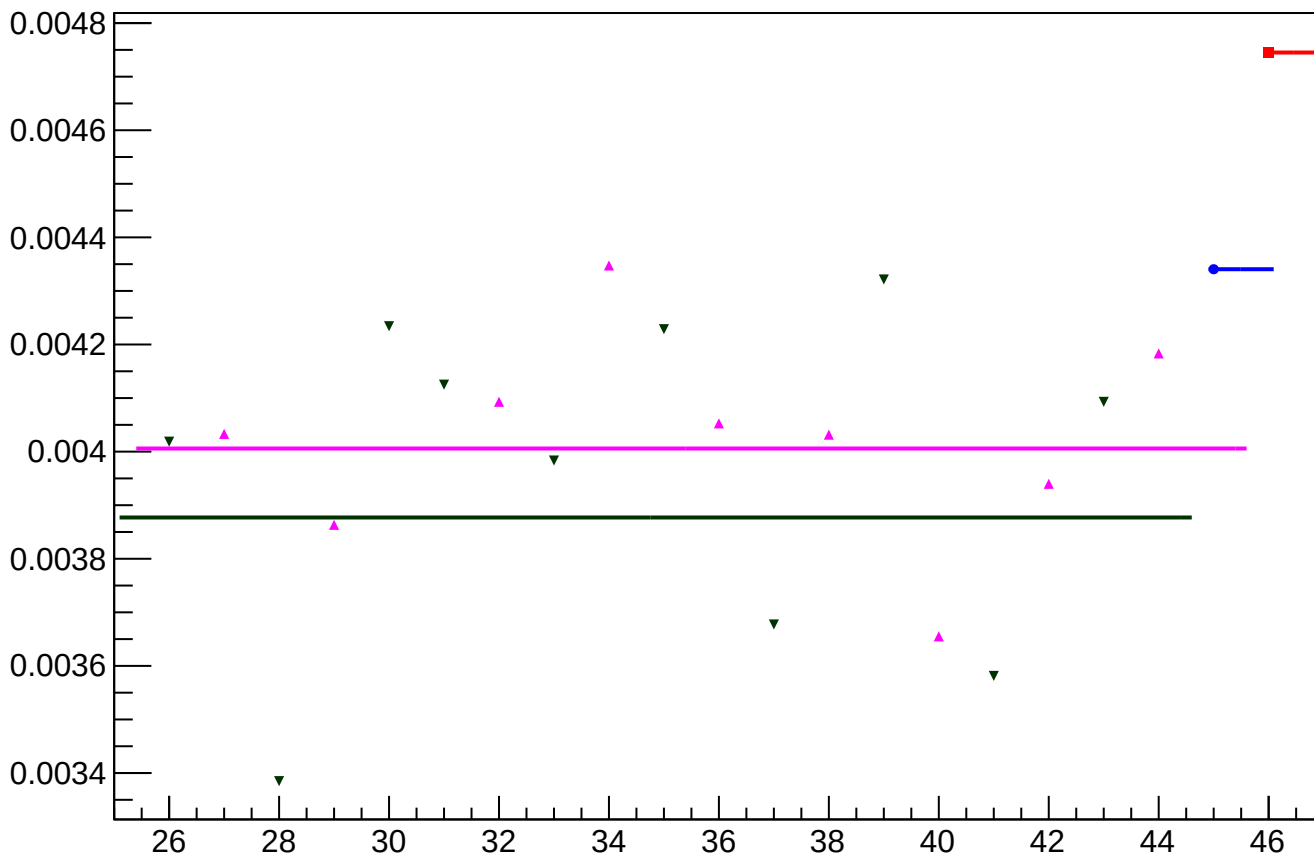
0.842 $\pm$ 0.000 χ^2 /NDF: 22593561217.0/10

Right Out: 0.559 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.808 $\pm$ 0.000 χ^2 /NDF: 18092242316.6/9

Left In: 0.821 $\pm$ 0.000 χ^2 /NDF:16933098882.9/8

yield_bpm11Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.004 $\pm$ 0.000 χ^2 /NDF: 77893.5/10

0.004 $\pm$ 0.000 χ^2 /NDF: 38908.4/9

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

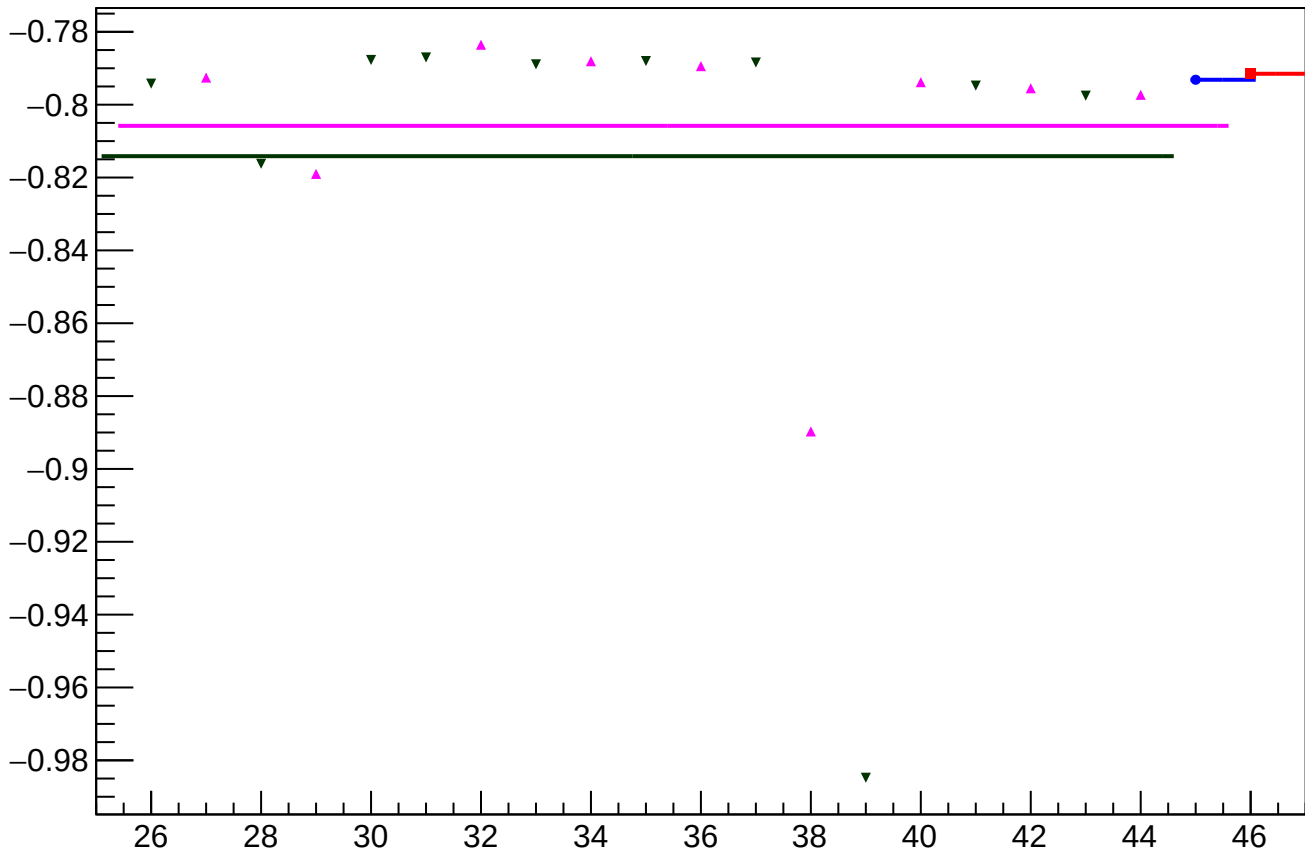
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.793+/-0.000 χ^2/NDF : 0.0/0

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

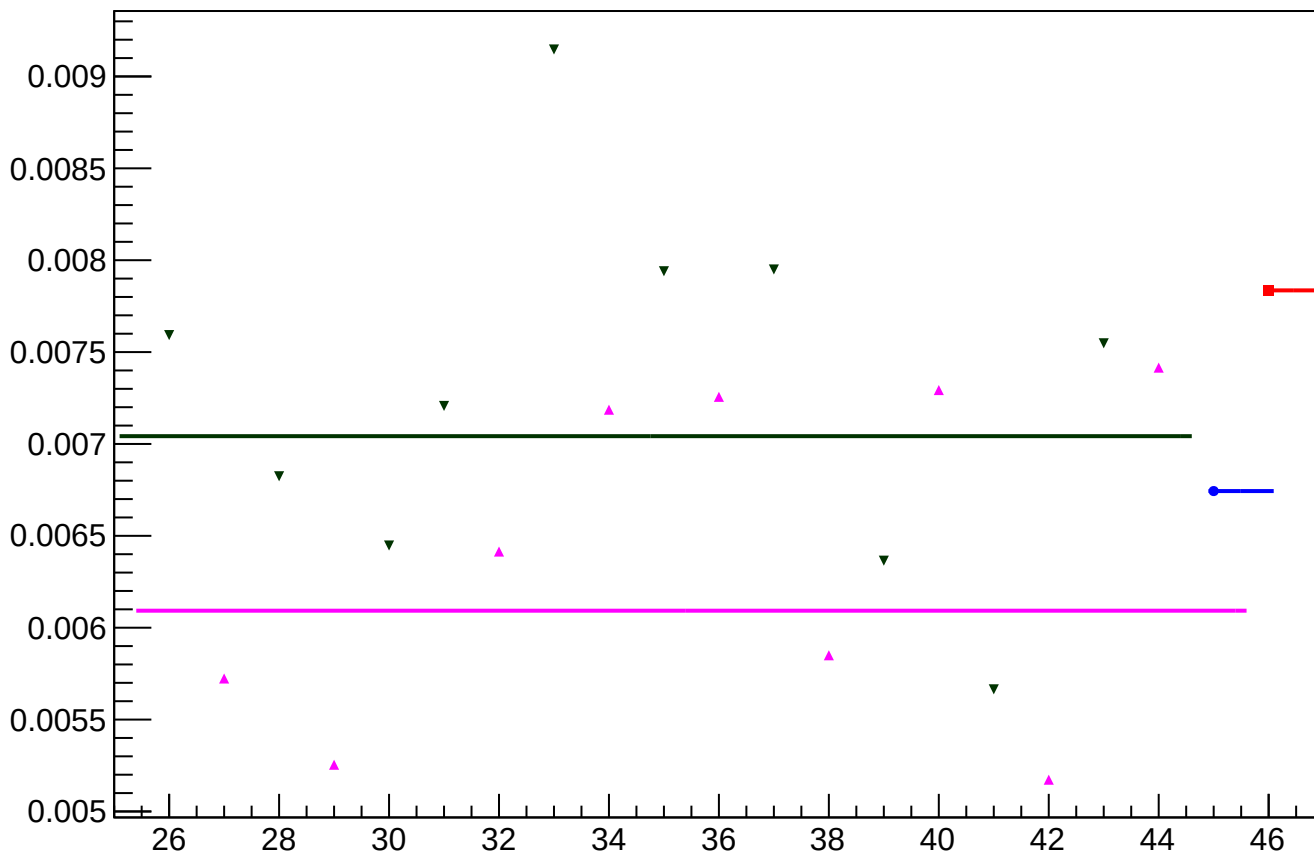
-0.812+/-0.000 χ^2/NDF : 259991587.0/10

Right Out: -0.792+/-0.000 χ^2/NDF : 0.0/0

-0.805+/-0.000 χ^2/NDF : 96323531.3/9

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

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

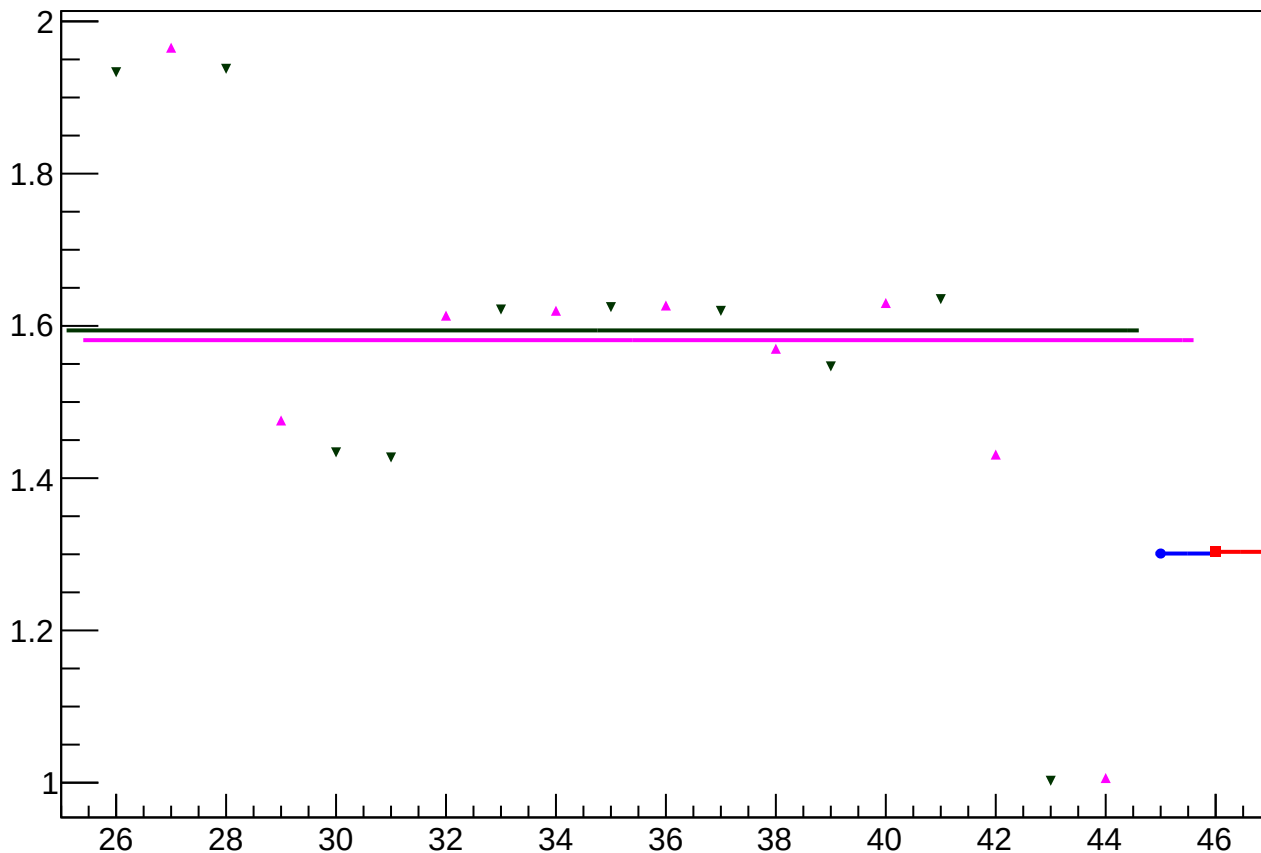
Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 136187.8/10

0.006+/-0.000 χ^2/NDF : 169645.8/9

yield_bpm12Y_mean vs slug



Right In: 1.301+/-0.000 χ^2/NDF : 0.0/0

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

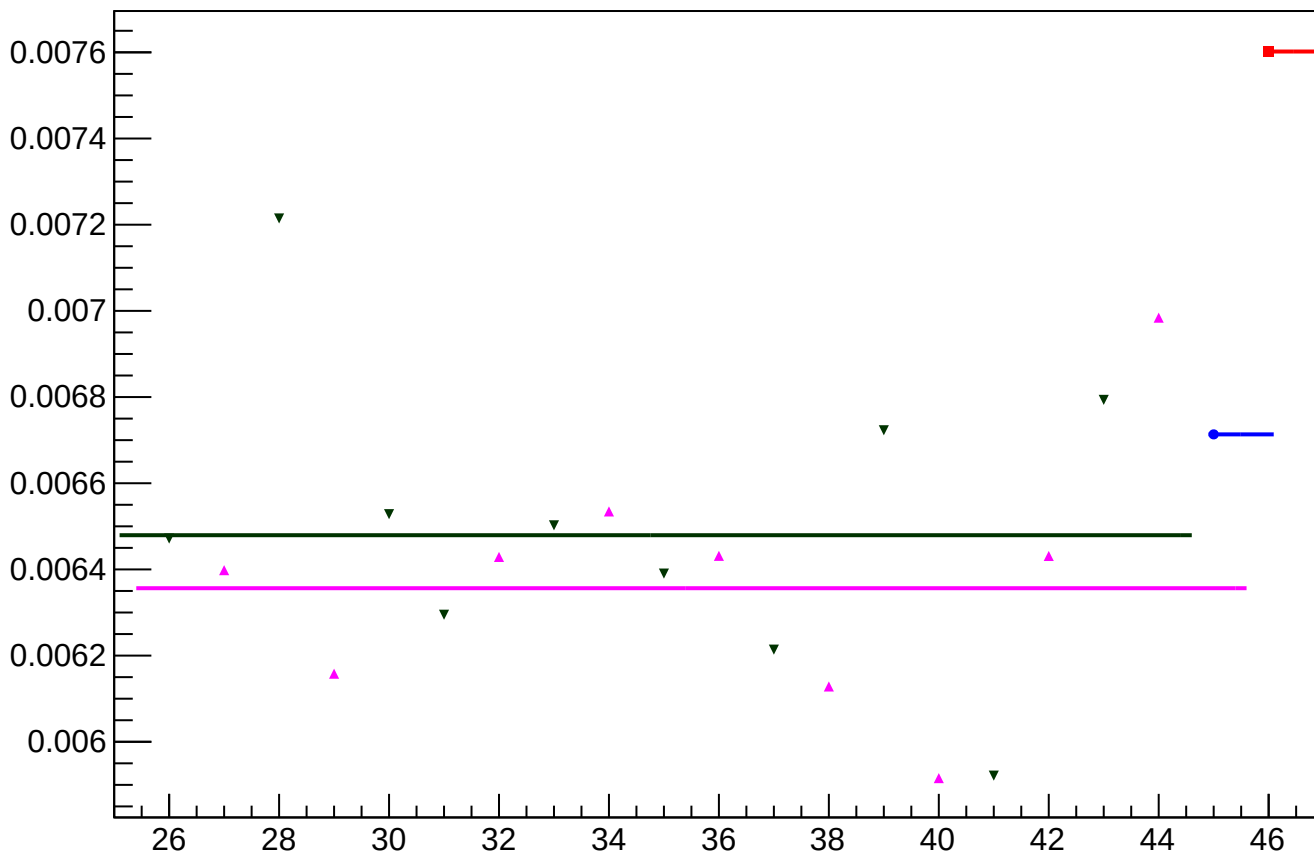
1.564+/-0.000 χ^2/NDF : 7668906056.4/10

Right Out: 1.303+/-0.000 χ^2/NDF : 0.0/0

1.568+/-0.000 χ^2/NDF : 7218356880.6/9

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

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

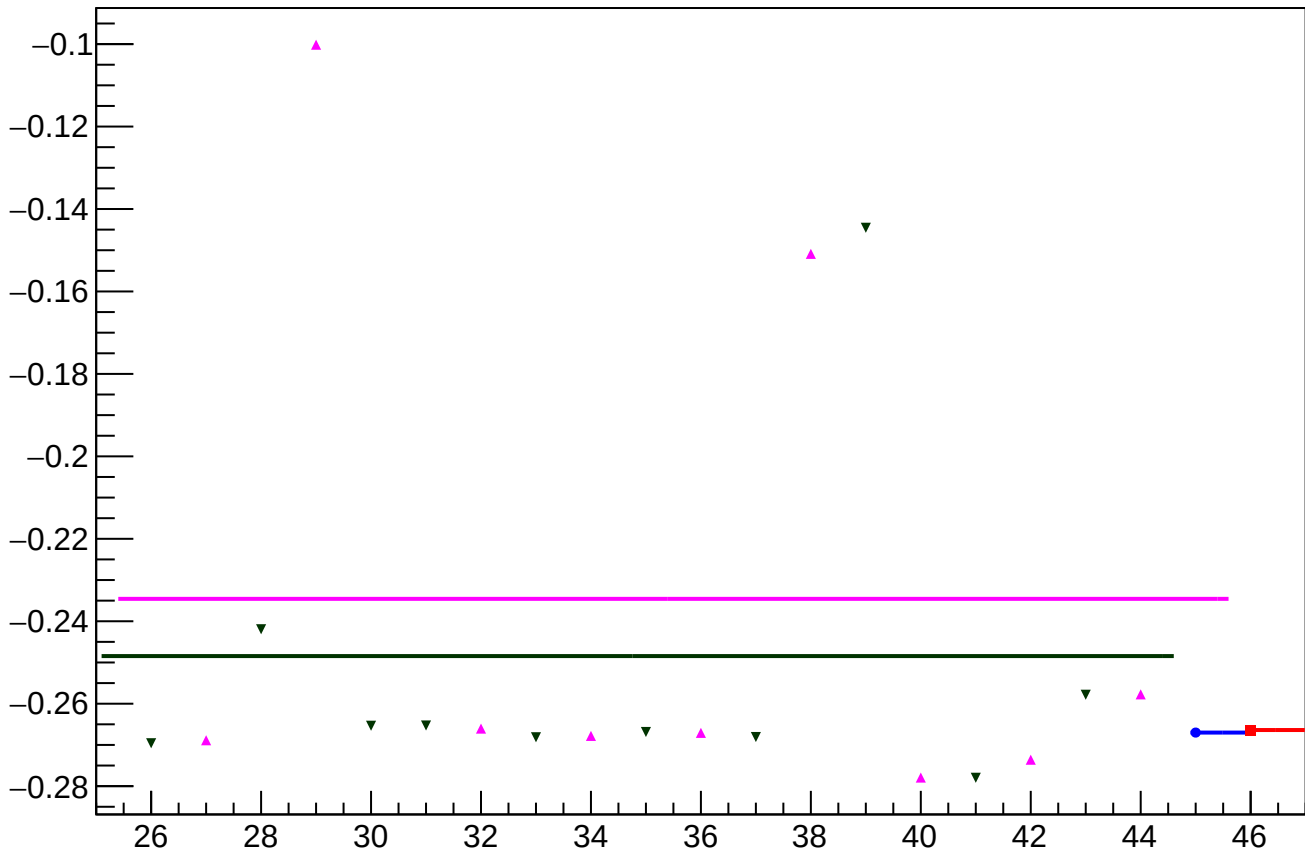
Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 29047.5/10

0.006+/-0.000 χ^2/NDF : 35523.7/9

yield_bpm16X_mean vs slug



Right In: -0.267+/-0.000 χ^2 /NDF: 0.0/0

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

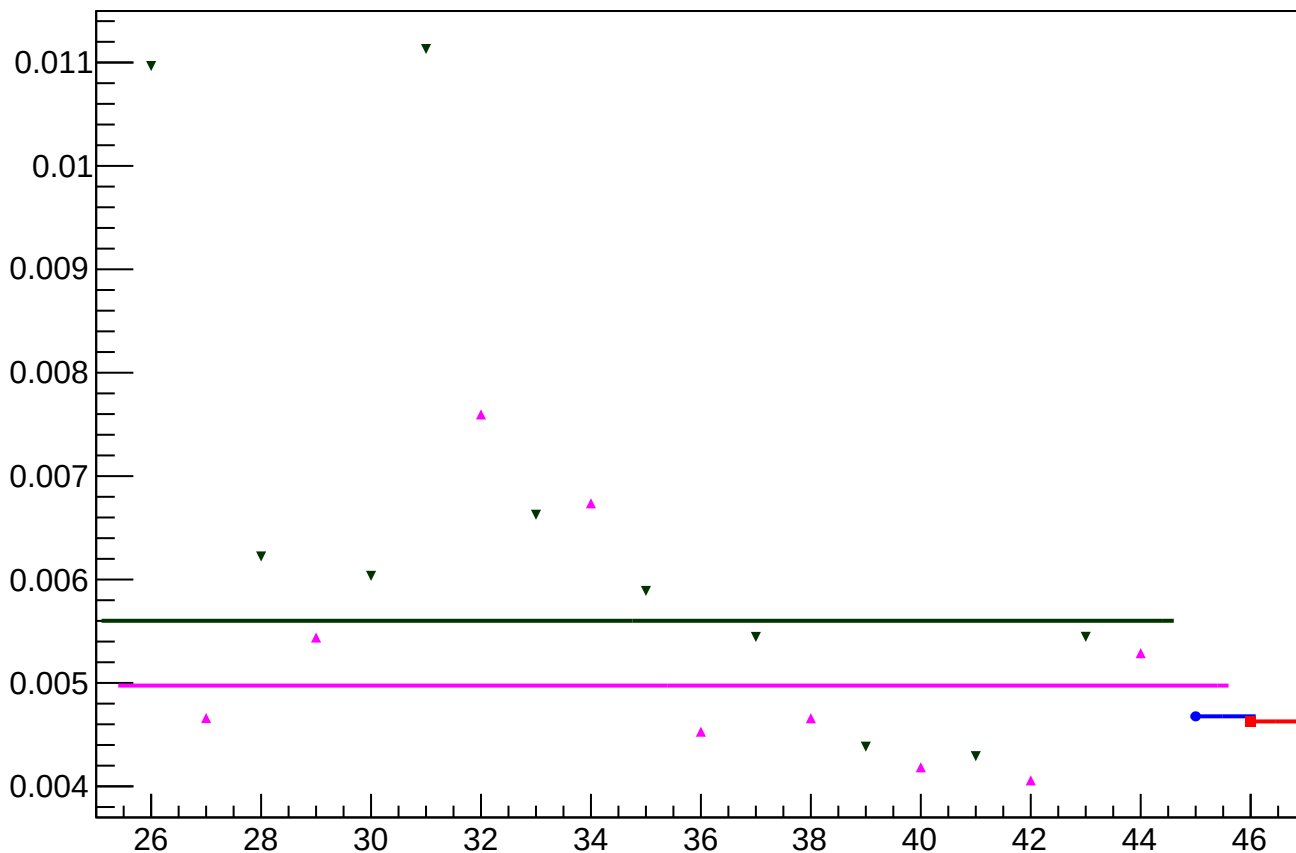
-0.251+/-0.000 χ^2 /NDF: 266372260.6/10

Right Out: -0.266+/-0.000 χ^2 /NDF: 0.0/0

-0.237+/-0.000 χ^2 /NDF: 801050635.7/9

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

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

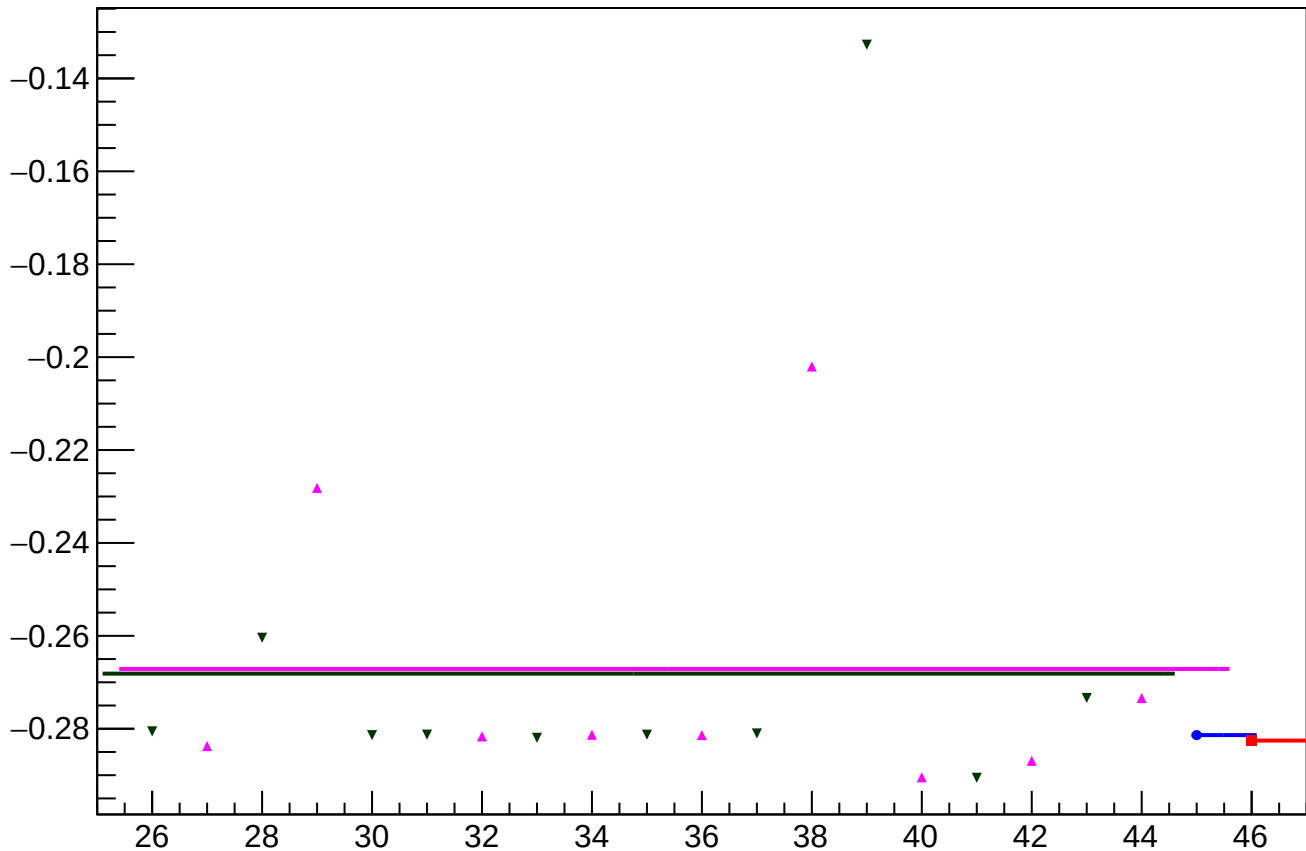
Right Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

0.005+/-0.000 χ^2/NDF : 636897.1/10

0.005+/-0.000 χ^2/NDF : 366665.5/9

yield_bpm16Y_mean vs slug



Right In: -0.281+/-0.000 χ^2 /NDF: 0.0/0

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

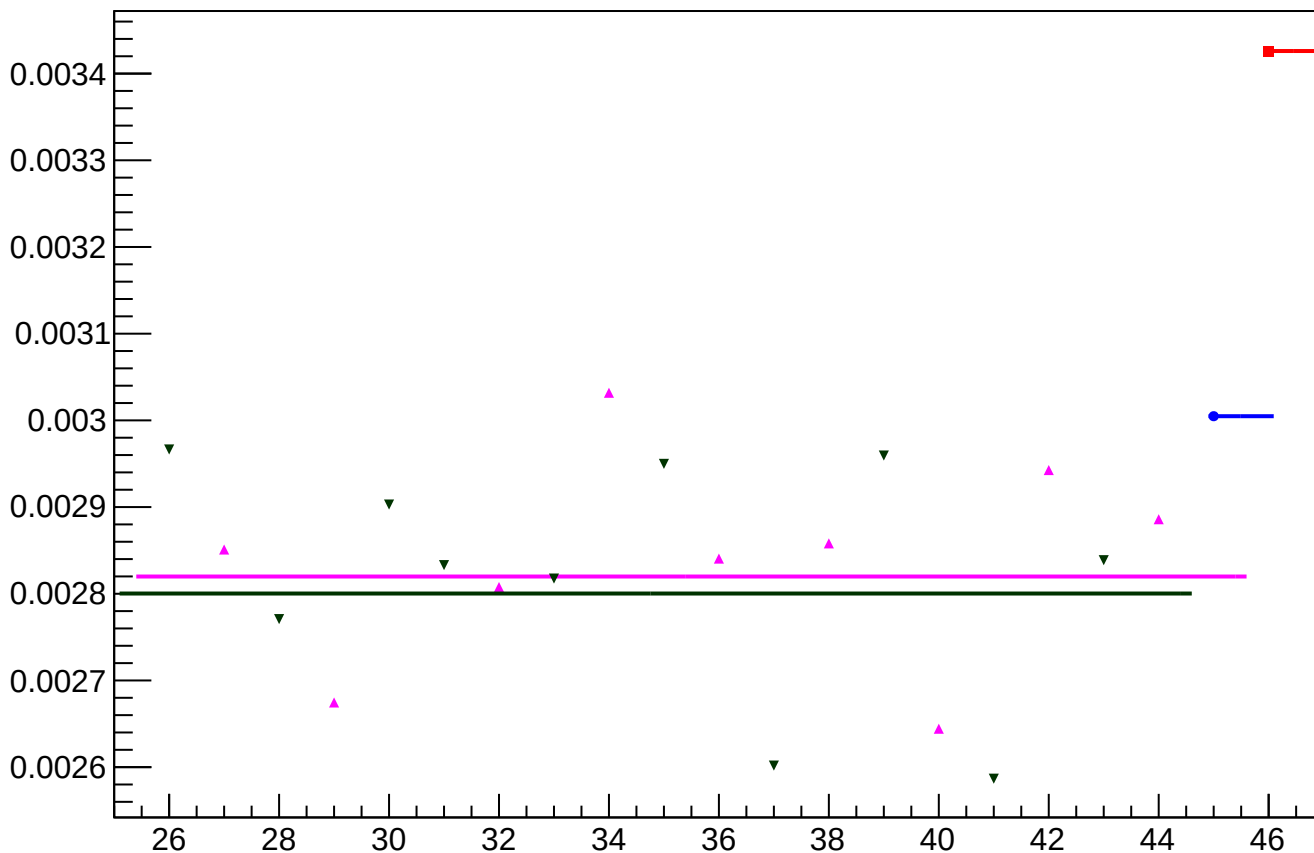
-0.269+/-0.000 χ^2 /NDF: 971036542.1/10

Right Out: -0.283+/-0.000 χ^2 /NDF: 0.0/0

-0.268+/-0.000 χ^2 /NDF: 561608373.6/9

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

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

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

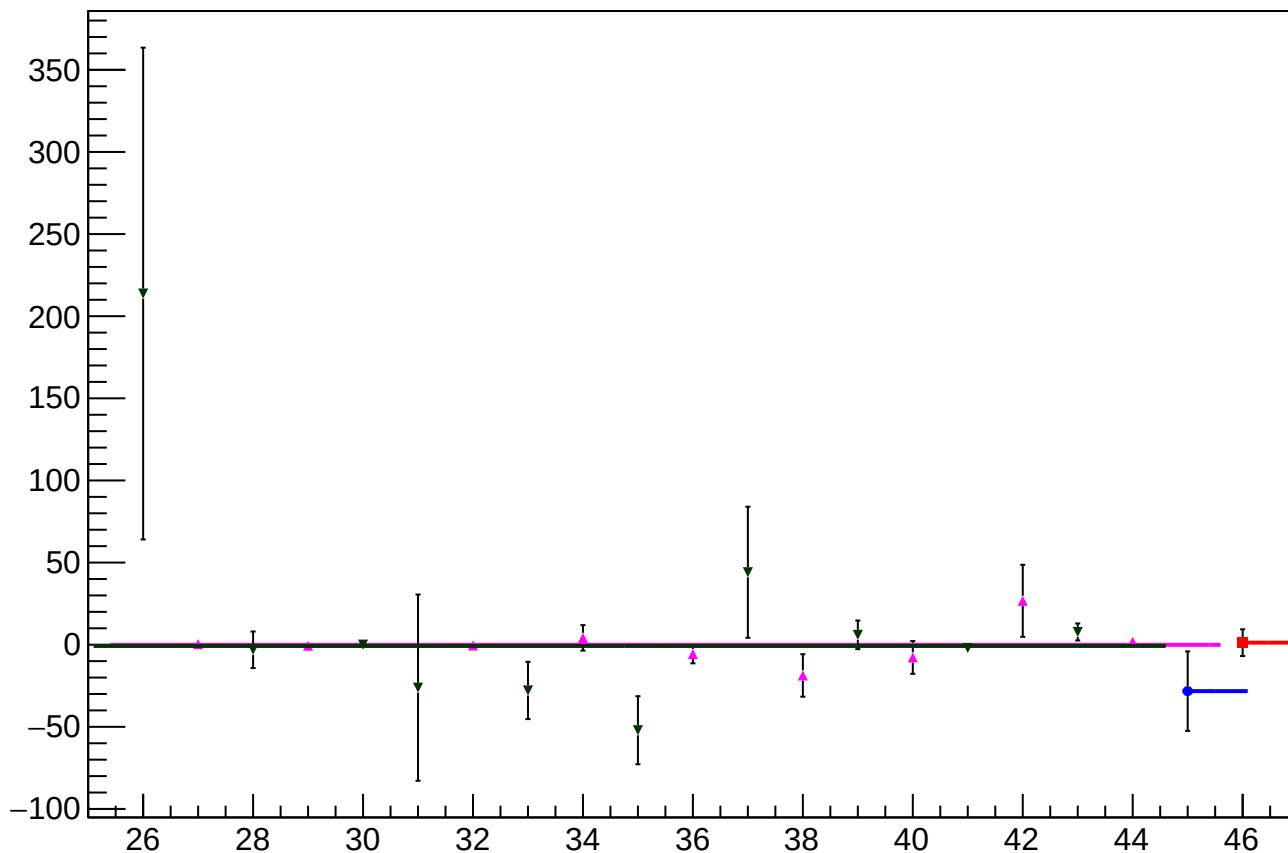
Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

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

0.003+/-0.000 χ^2/NDF : 28761.0/10

0.003+/-0.000 χ^2/NDF : 39865.5/9

diff_cav4bX_mean vs slug



Right In: -28.268+/-24.194 χ^2 /NDF: 0.0/0

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

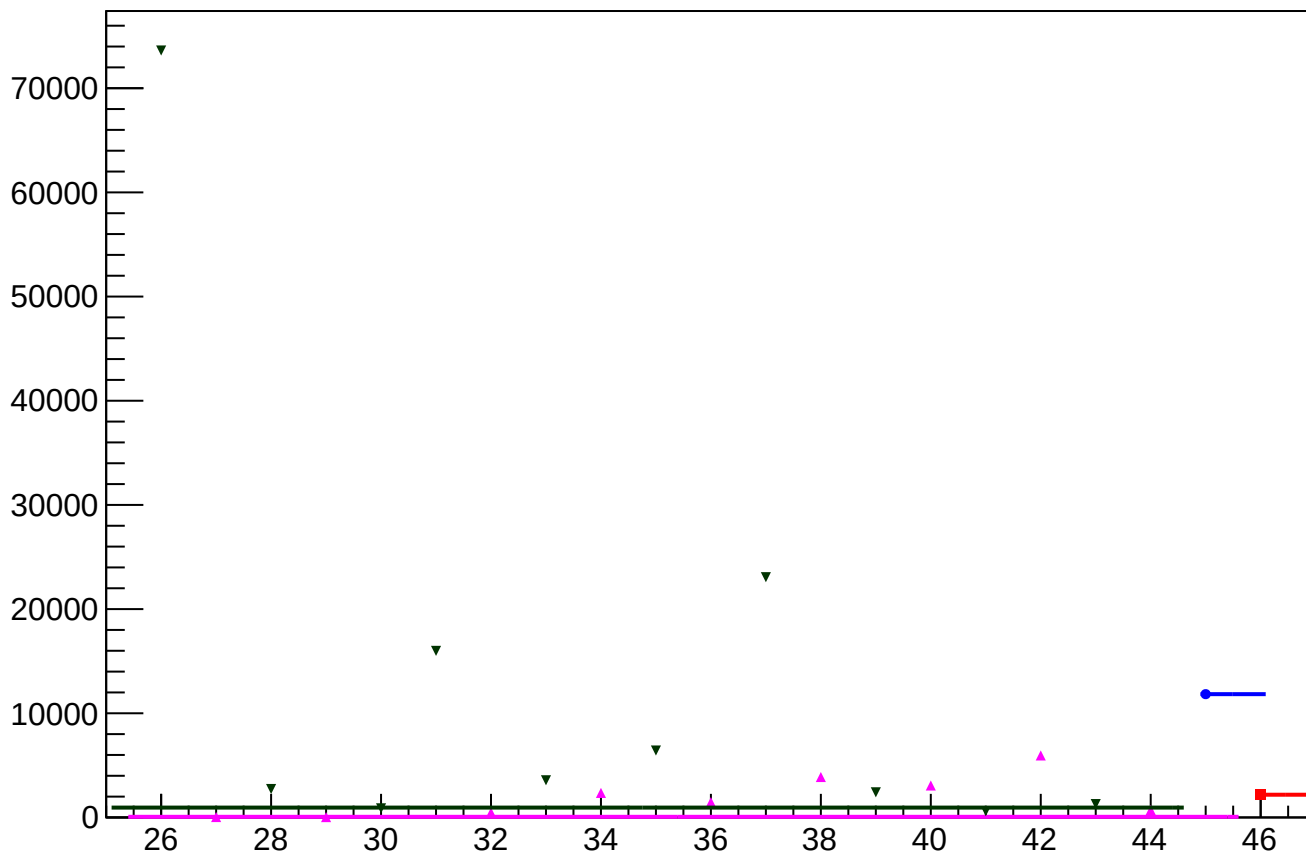
Right Out: 1.251+/-8.127 χ^2 /NDF: 0.0/0

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

-0.869+/-1.554 χ^2 /NDF: 17.2/10

-0.085+/-0.168 χ^2 /NDF: 15.6/9

diff_cav4bX_rms vs slug



Right In: 11835.516+/-17.108 χ^2/NDF : 0.0/0

Left Out: 946.747+/-1.101 χ^2/NDF :1585820.7/9

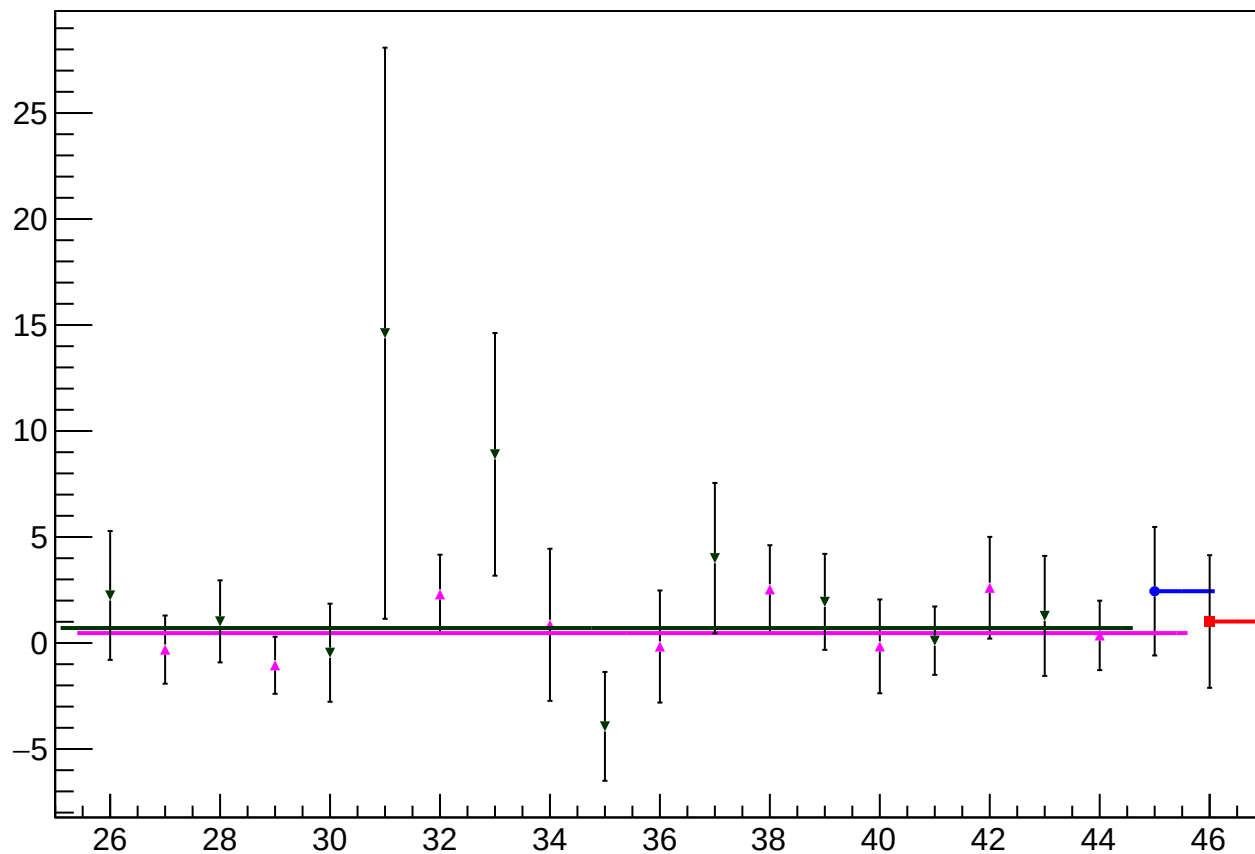
Right Out: 2181.548+/-5.746 χ^2/NDF : 0.0/0

Left In: 61.511+/-0.119 χ^2/NDF :1573172.2/8

991.668+/-1.099 χ^2/NDF : 1989245.8/10

62.419+/-0.119 χ^2/NDF : 1709222.6/9

diff_cav4bY_mean vs slug



Right In: 2.442 $\pm$ 3.031 χ^2 /NDF: 0.0/0

Left Out: 0.707 $\pm$ 0.808 χ^2 /NDF: 8.2/9

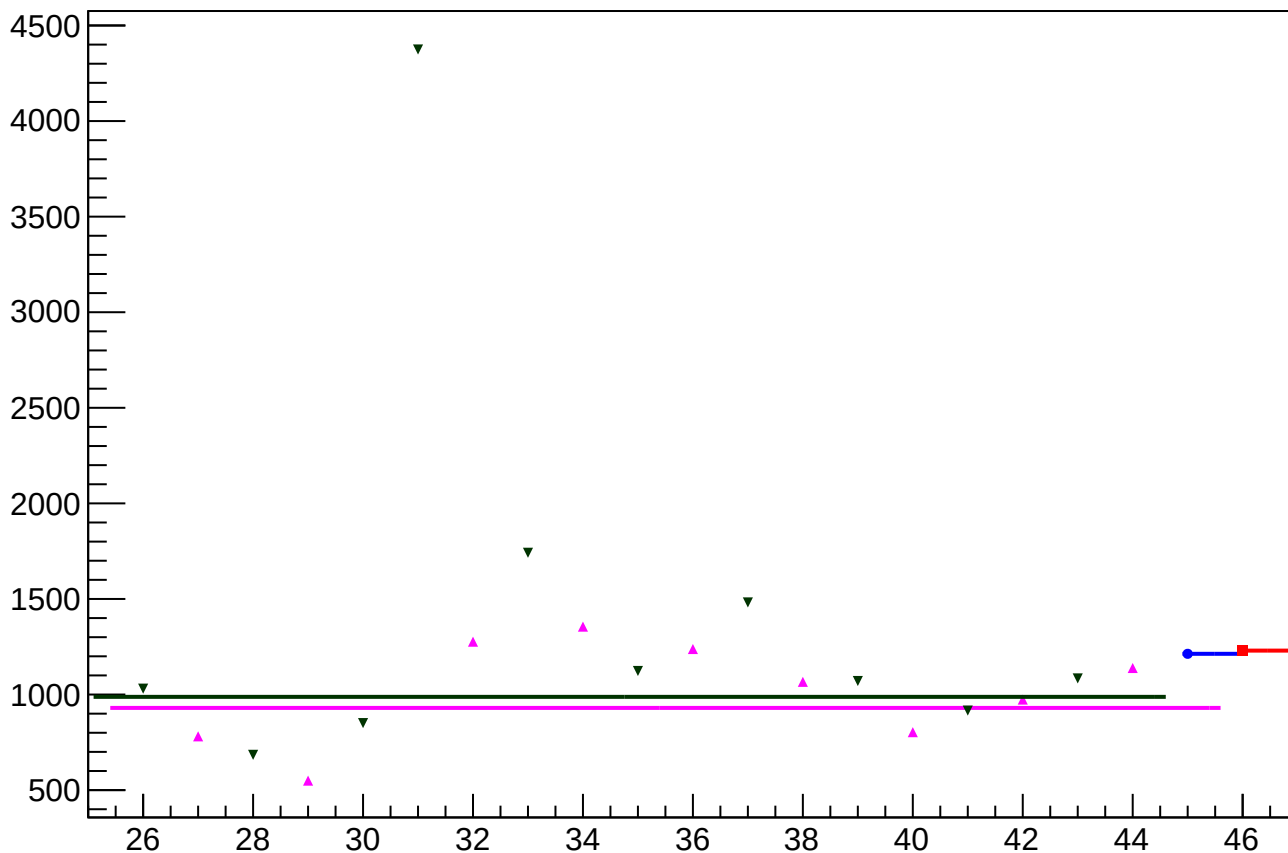
Right Out: 1.014 $\pm$ 3.128 χ^2 /NDF: 0.0/0

Left In: 0.468 $\pm$ 0.642 χ^2 /NDF: 4.4/8

0.822 $\pm$ 0.780 χ^2 /NDF: 8.6/10

0.490 $\pm$ 0.629 χ^2 /NDF: 4.4/9

diff_cav4bY_rms vs slug



Right In: 1213.037 $\pm$ 2.143 χ^2 /NDF: 0.0/0

Left Out: 987.900 $\pm$ 0.571 χ^2 /NDF: 270892.3/9

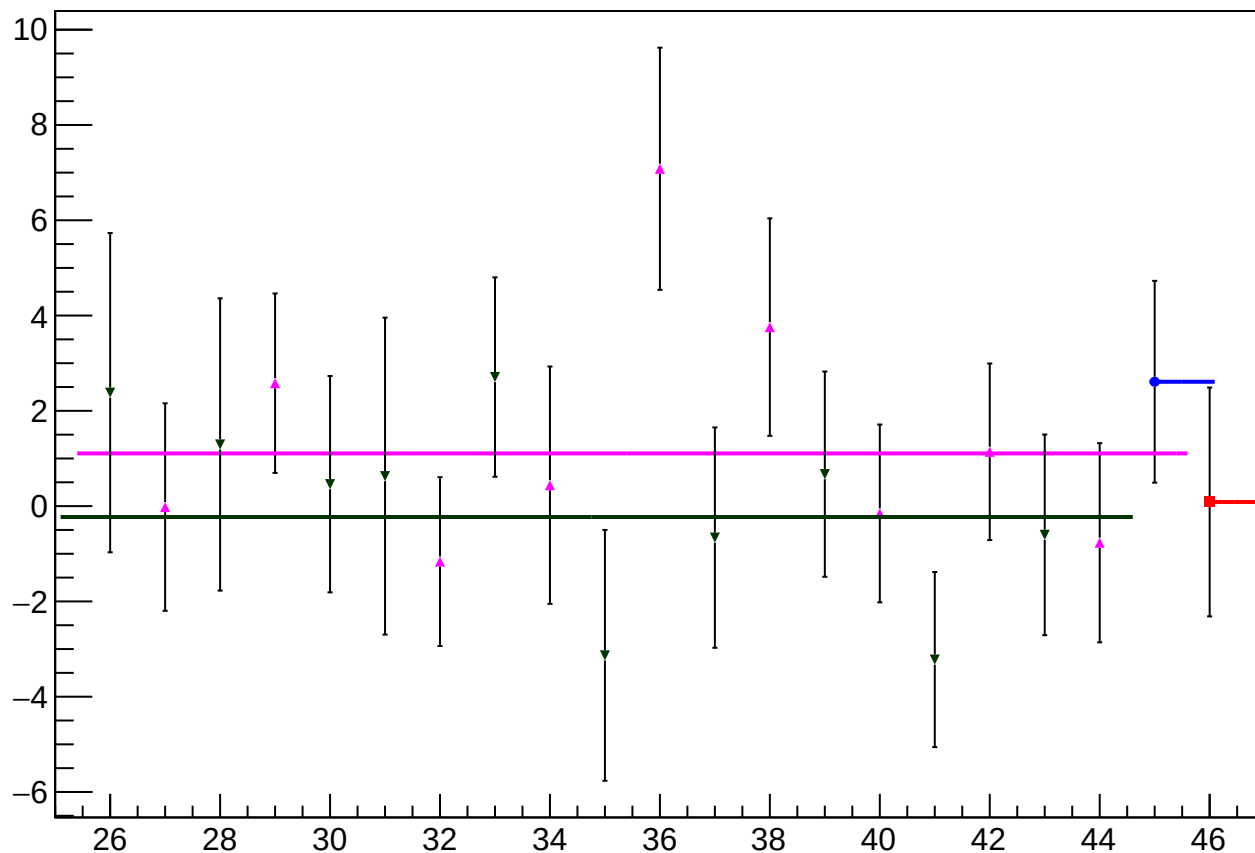
Right Out: 1229.833 $\pm$ 2.212 χ^2 /NDF: 0.0/0

Left In: 930.059 $\pm$ 0.454 χ^2 /NDF: 348877.4/8

1002.819 $\pm$ 0.552 χ^2 /NDF: 281194.0/10

942.176 $\pm$ 0.445 χ^2 /NDF: 366503.0/9

diff_cav4cX_mean vs slug



Right In: 2.610 $\pm$ 2.118 χ^2 /NDF: 0.0/0

Left Out: -0.229 $\pm$ 0.750 χ^2 /NDF: 7.1/9

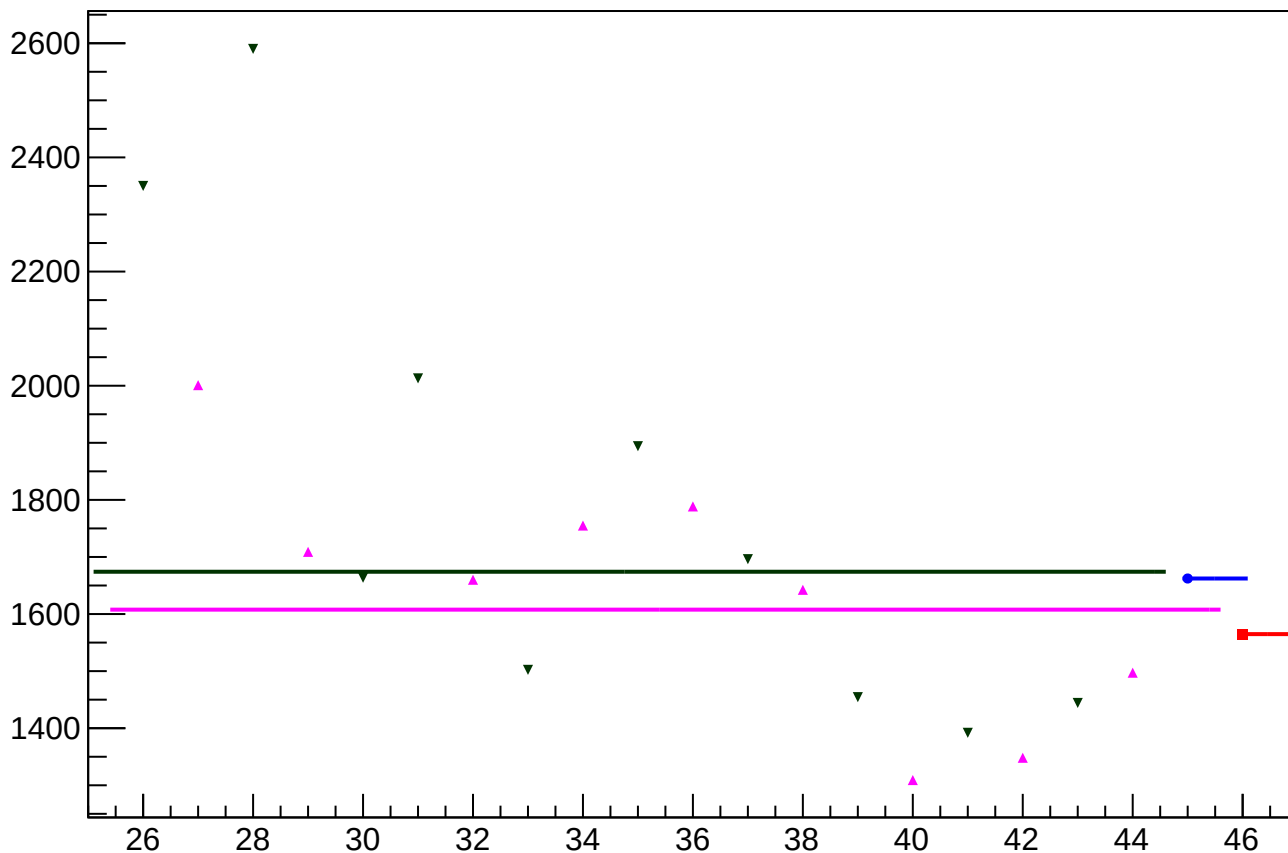
Right Out: 0.087 $\pm$ 2.402 χ^2 /NDF: 0.0/0

Left In: 1.107 $\pm$ 0.686 χ^2 /NDF: 10.7/8

0.088 $\pm$ 0.707 χ^2 /NDF: 8.7/10

1.030 $\pm$ 0.659 χ^2 /NDF: 10.9/9

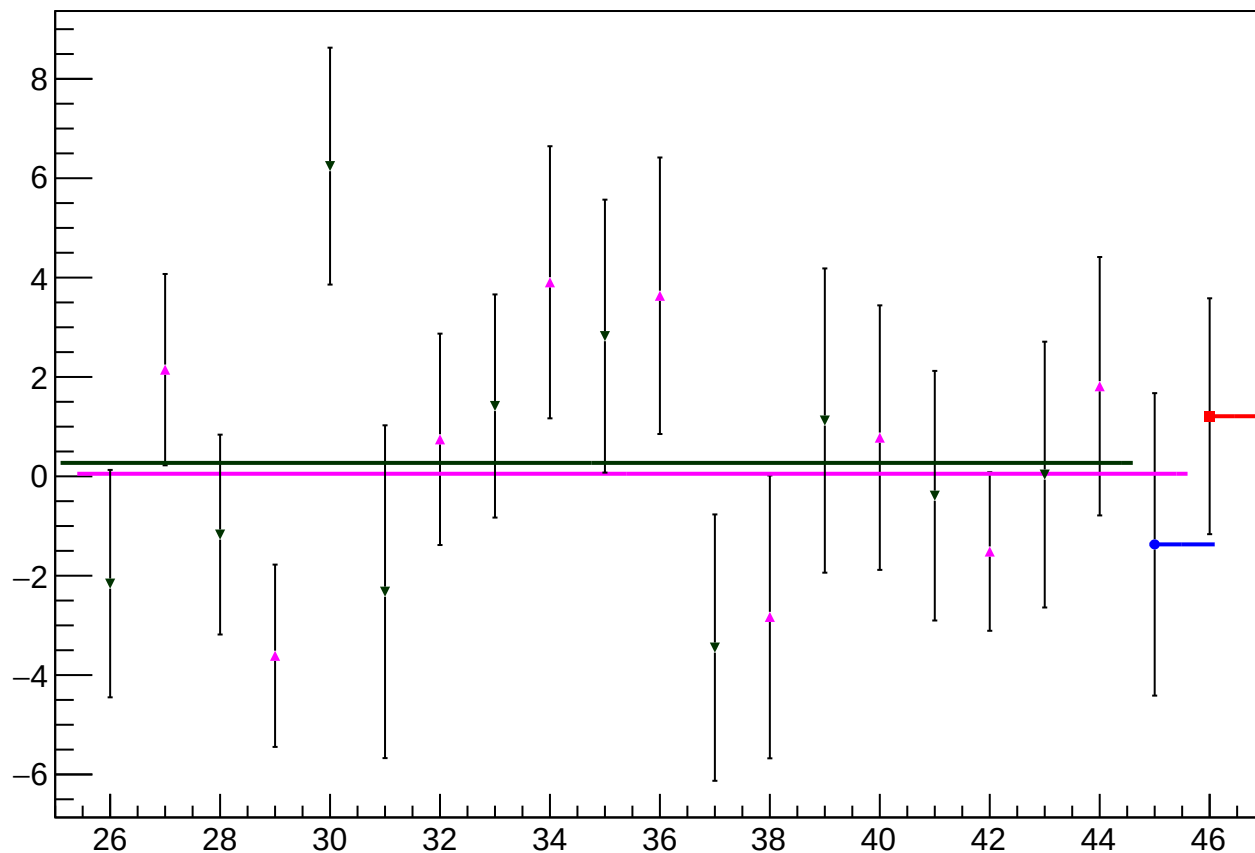
diff_cav4cX_rms vs slug



Right In: 1662.265+/-1.497 χ^2/NDF : 0.0/0
Left Out: 1674.116+/-0.531 χ^2/NDF : 399958.8/9
Right Out: 1564.843+/-1.698 χ^2/NDF : 0.0/0
Left In: 1607.717+/-0.485 χ^2/NDF : 186348.1/8

1672.794+/-0.500 χ^2/NDF : 400014.5/10
1604.485+/-0.466 χ^2/NDF : 186937.5/9

diff_cav4cY_mean vs slug



Right In: -1.370+/-3.044 χ^2 /NDF: 0.0/0

Left Out: 0.271+/-0.796 χ^2 /NDF:11.7/9

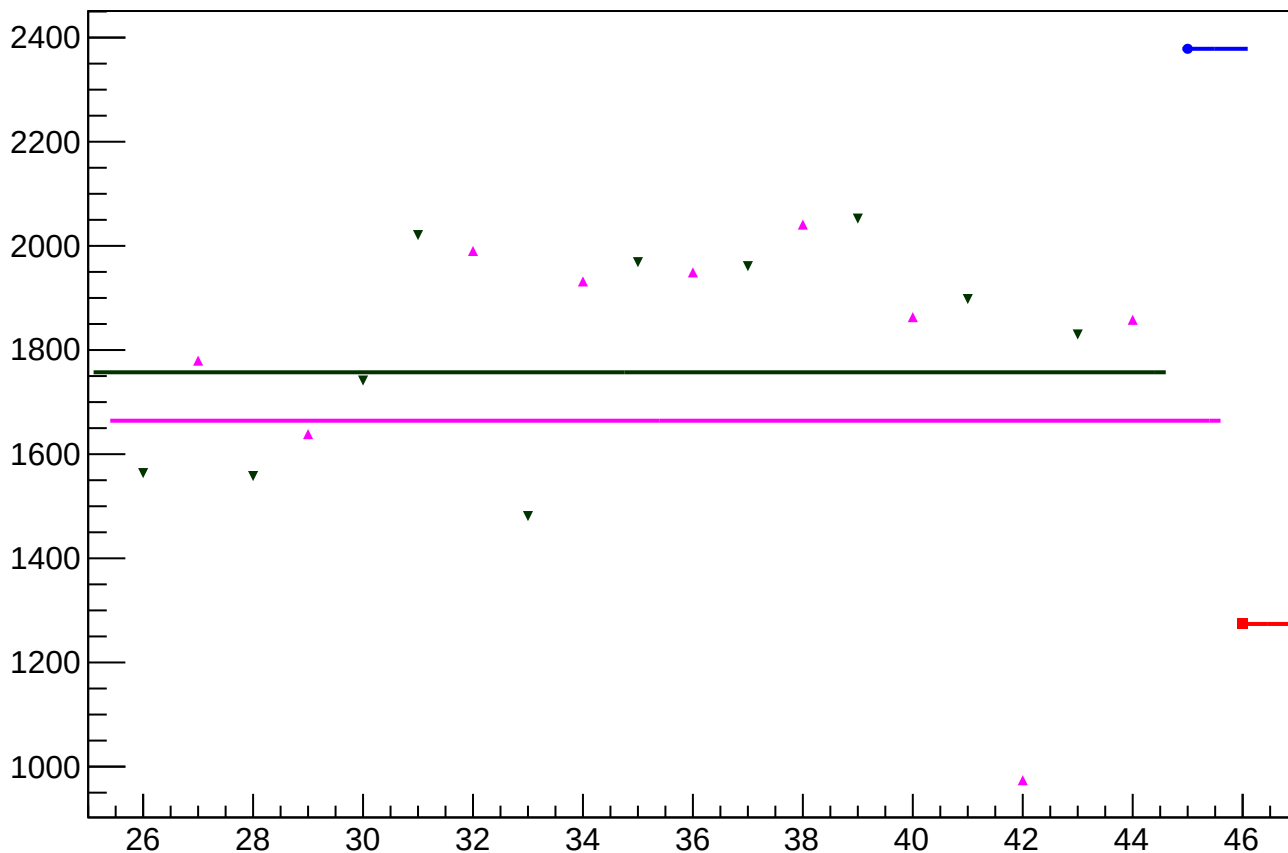
Right Out: 1.210+/-2.374 χ^2 /NDF: 0.0/0

Left In: 0.052+/-0.734 χ^2 /NDF:11.4/8

0.166+/-0.770 χ^2 /NDF: 12.0/10

0.153+/-0.701 χ^2 /NDF: 11.7/9

diff_cav4cY_rms vs slug



Right In: 2378.470+/-2.152 χ^2/NDF : 0.0/0

Left Out: 1757.264+/-0.563 χ^2/NDF :126368.6/9

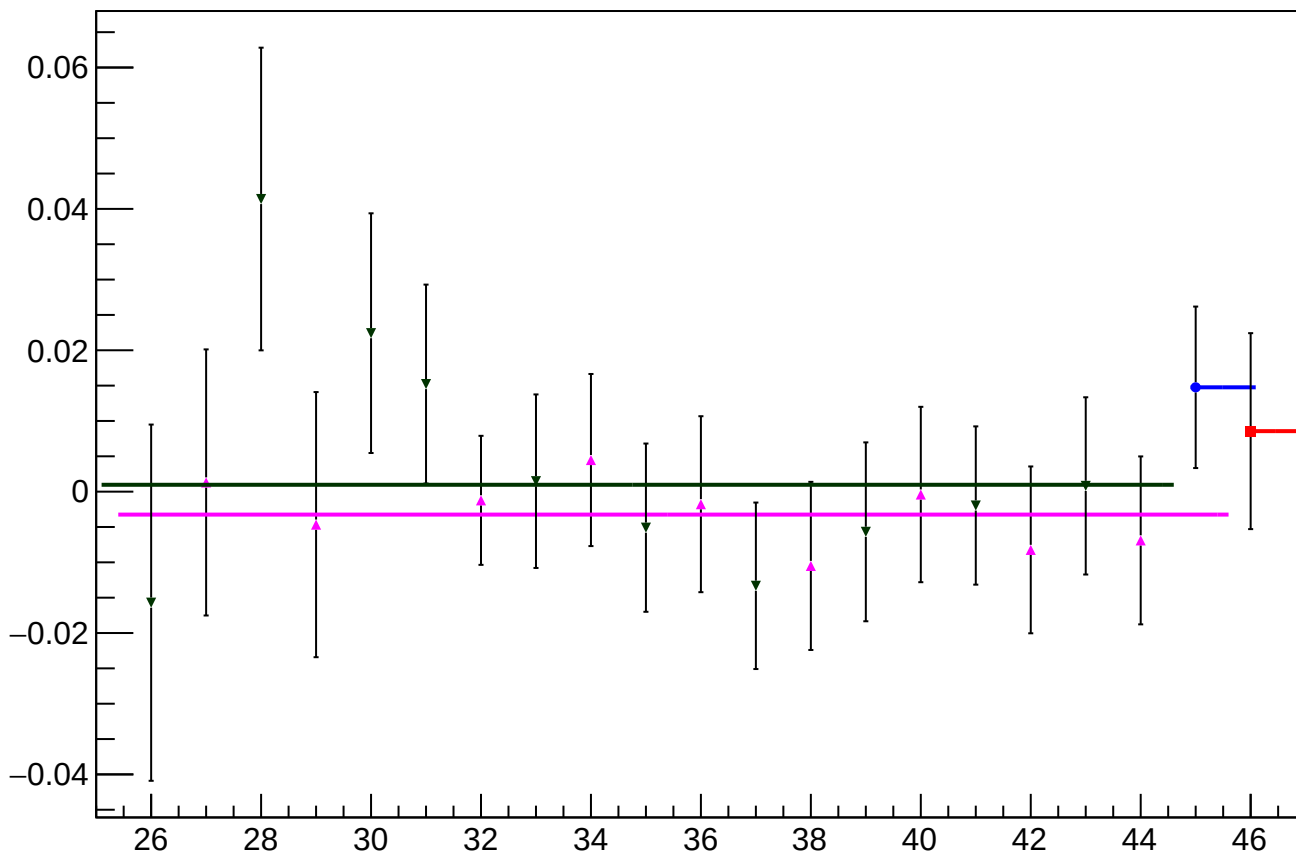
Right Out: 1273.978+/-1.678 χ^2/NDF : 0.0/0

Left In: 1664.275+/-0.519 χ^2/NDF :526260.0/8

1797.030+/-0.545 χ^2/NDF : 204334.2/10

1630.202+/-0.496 χ^2/NDF : 575609.8/9

diff_cav4dX_mean vs slug



Right In: 0.015 ± 0.011 χ^2/NDF : 0.0/0

Left Out: 0.001 ± 0.004 χ^2/NDF : 8.7/9

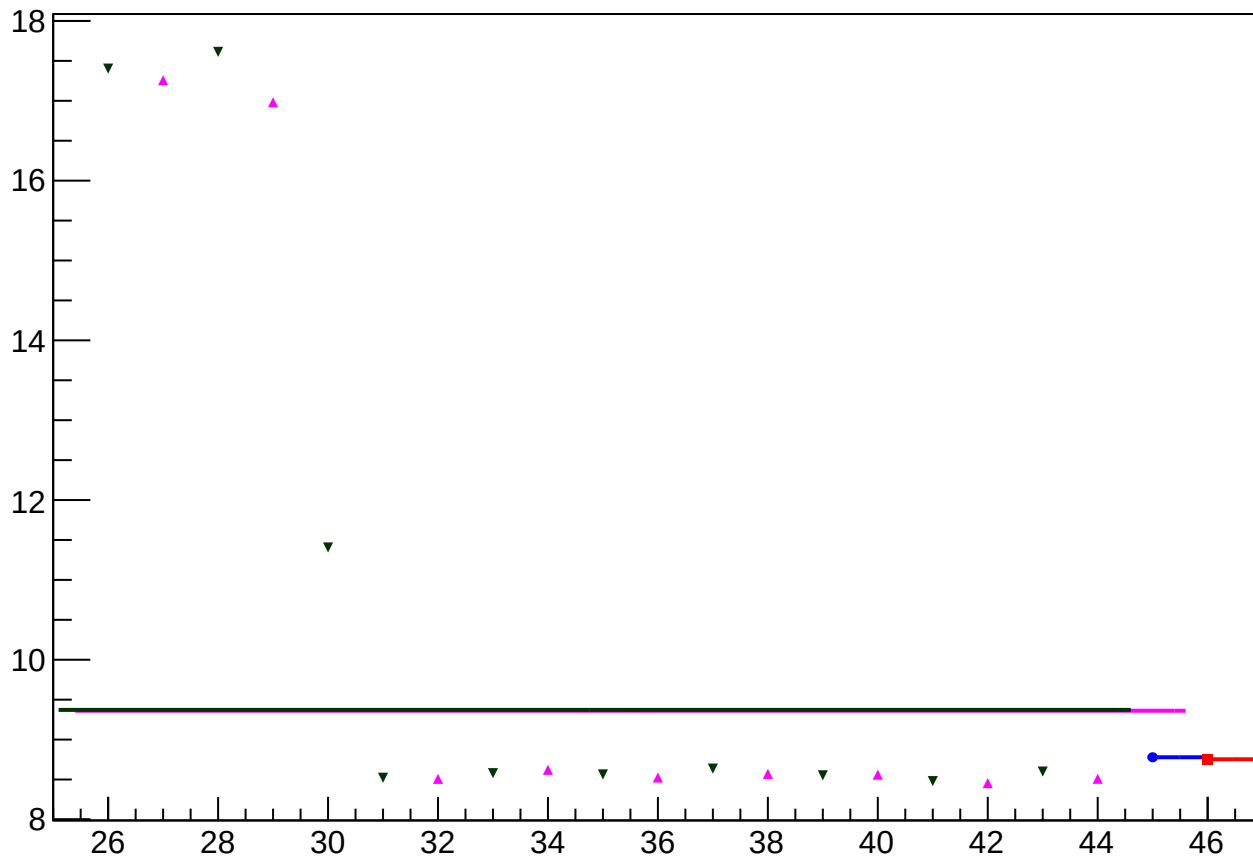
Right Out: 0.009 ± 0.014 χ^2/NDF : 0.0/0

Left In: -0.003 ± 0.004 χ^2/NDF : 1.2/8

0.003 ± 0.004 χ^2/NDF : 10.0/10

-0.002 ± 0.004 χ^2/NDF : 1.9/9

diff_cav4dX_rms vs slug



Right In: 8.779+/-0.008 χ^2/NDF : 0.0/0

Left Out: 9.372+/-0.003 χ^2/NDF : 589618.0/9

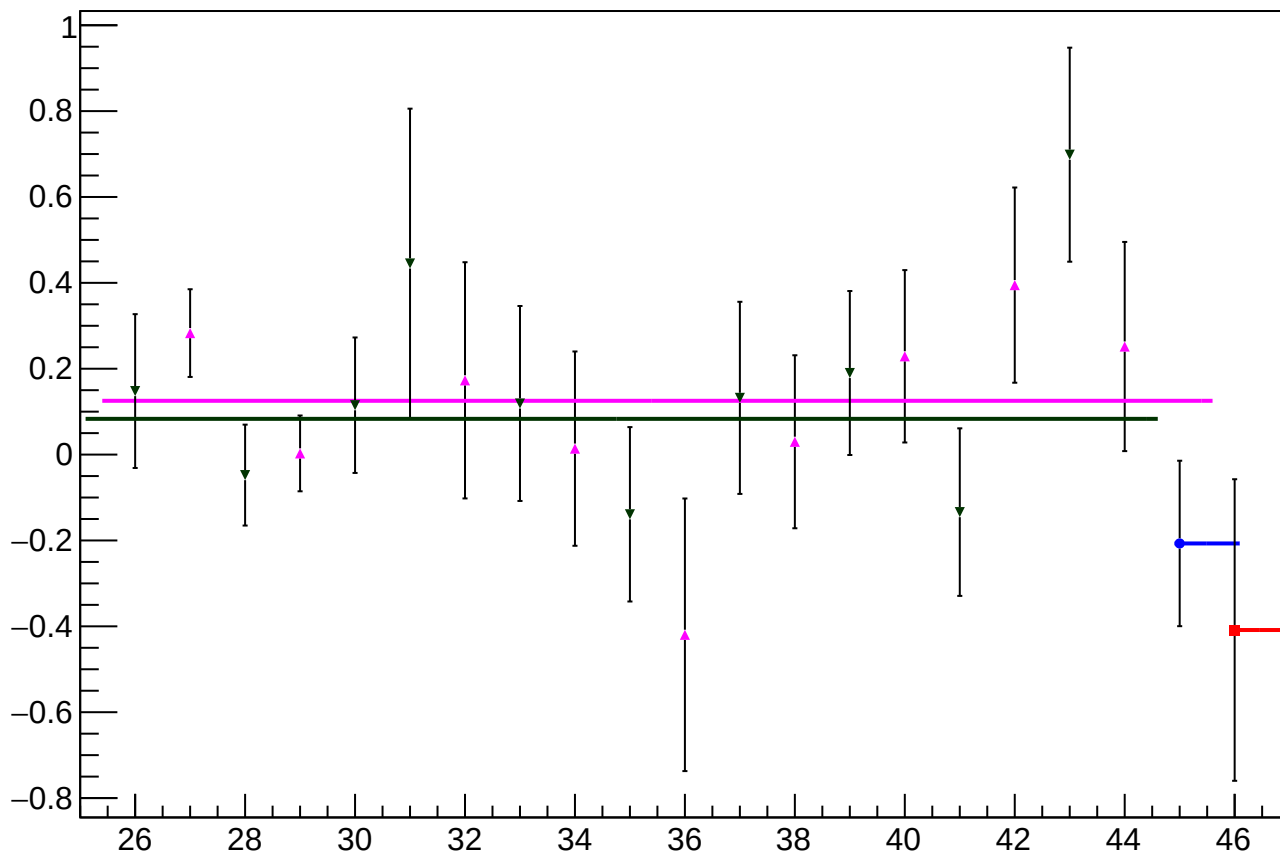
Right Out: 8.753+/-0.010 χ^2/NDF : 0.0/0

Left In: 9.361+/-0.003 χ^2/NDF : 755360.8/8

9.298+/-0.003 χ^2/NDF : 594338.9/10

9.312+/-0.003 χ^2/NDF : 758894.0/9

diff_cav4dY_mean vs slug



Right In: -0.207 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.083 $\pm$ 0.059 χ^2 /NDF:11.3/9

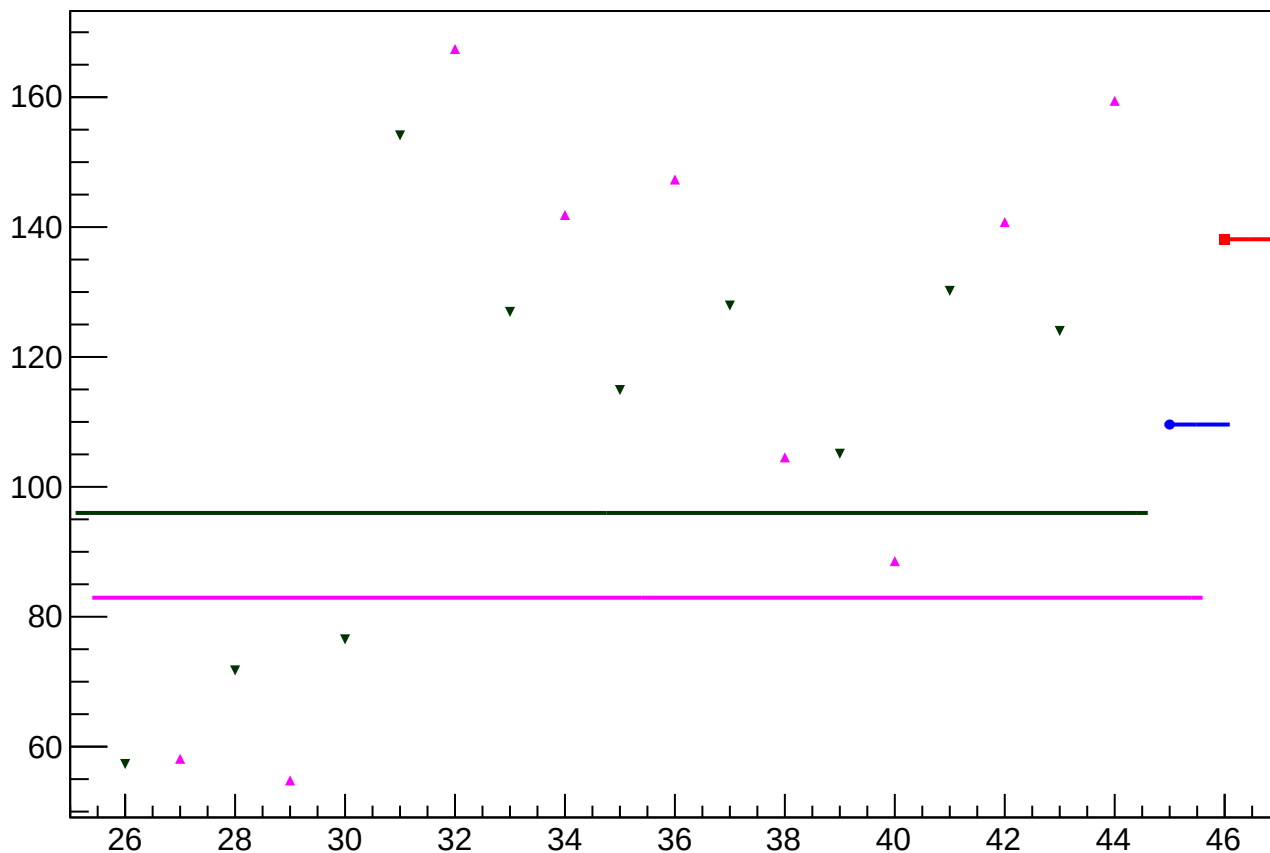
Right Out: -0.409 $\pm$ 0.351 χ^2 /NDF: 0.0/0

Left In: 0.125 $\pm$ 0.053 χ^2 /NDF:9.7/8

0.058 $\pm$ 0.057 χ^2 /NDF: 13.4/10

0.113 $\pm$ 0.053 χ^2 /NDF: 12.0/9

diff_cav4dY_rms vs slug



Right In: 109.598 $\pm$ 0.136 χ^2 /NDF: 0.0/0

Left Out: 95.985 $\pm$ 0.042 χ^2 /NDF:447225.2/9

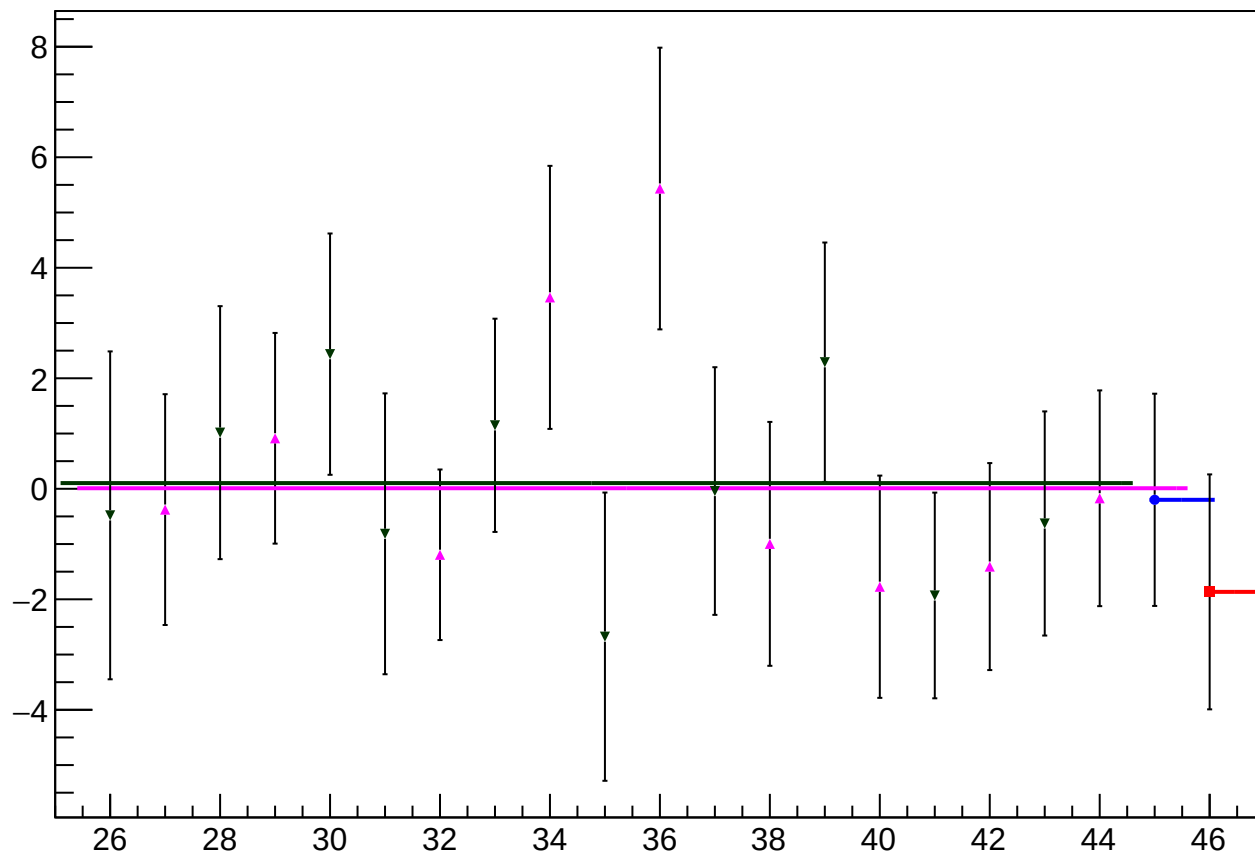
Right Out: 138.126 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Left In: 82.933 $\pm$ 0.038 χ^2 /NDF:1079060.0/8

97.161 $\pm$ 0.040 χ^2 /NDF: 456346.1/10

84.174 $\pm$ 0.037 χ^2 /NDF: 1127348.9/9

diff_bpm4aX_mean vs slug



Right In: -0.200 $\pm$ 1.920 χ^2/NDF : 0.0/0

Left Out: 0.103 $\pm$ 0.702 χ^2/NDF : 5.2/9

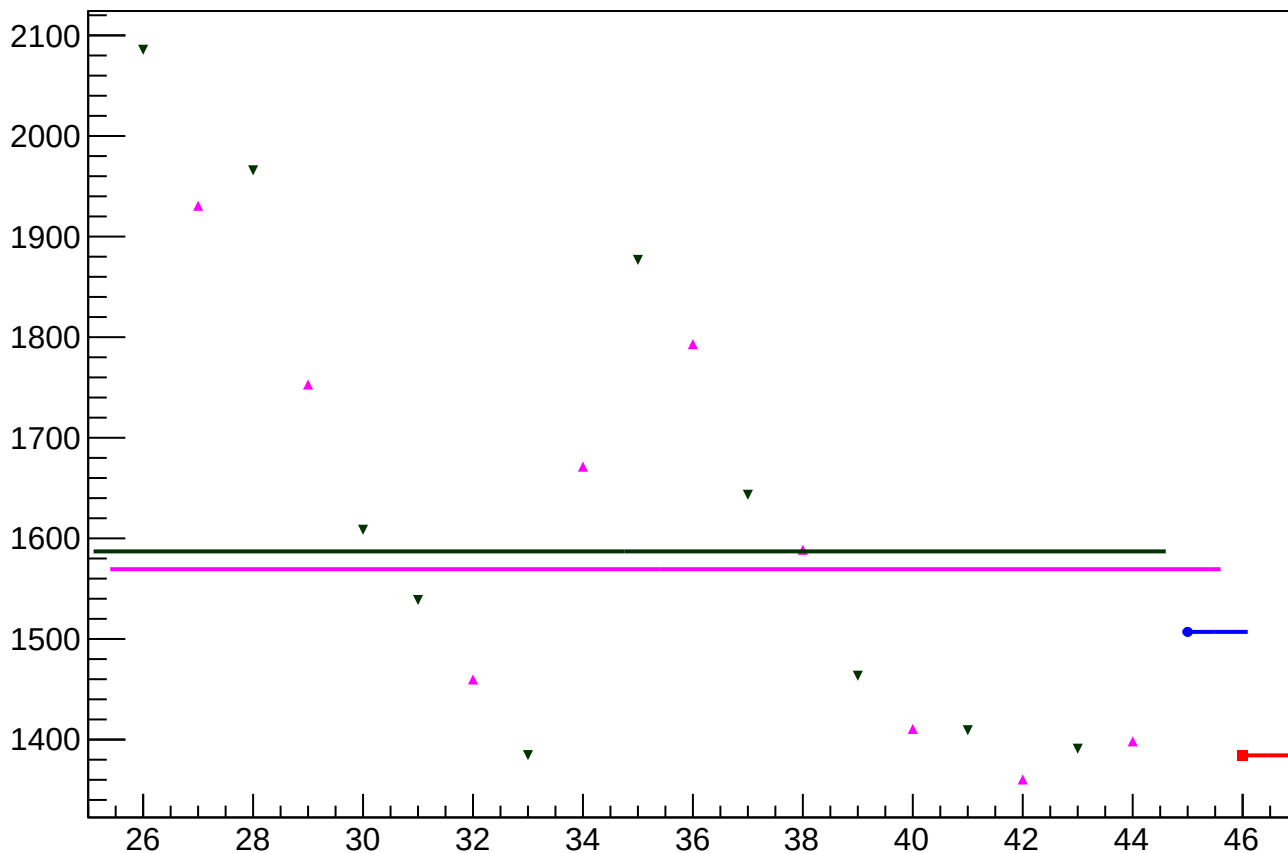
Right Out: -1.866 $\pm$ 2.126 χ^2/NDF : 0.0/0

Left In: 0.010 $\pm$ 0.666 χ^2/NDF : 9.1/8

0.068 $\pm$ 0.659 χ^2/NDF : 5.3/10

-0.158 $\pm$ 0.636 χ^2/NDF : 9.8/9

diff_bpm4aX_rms vs slug



Right In: 1507.031+/-1.358 χ^2/NDF : 0.0/0

Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

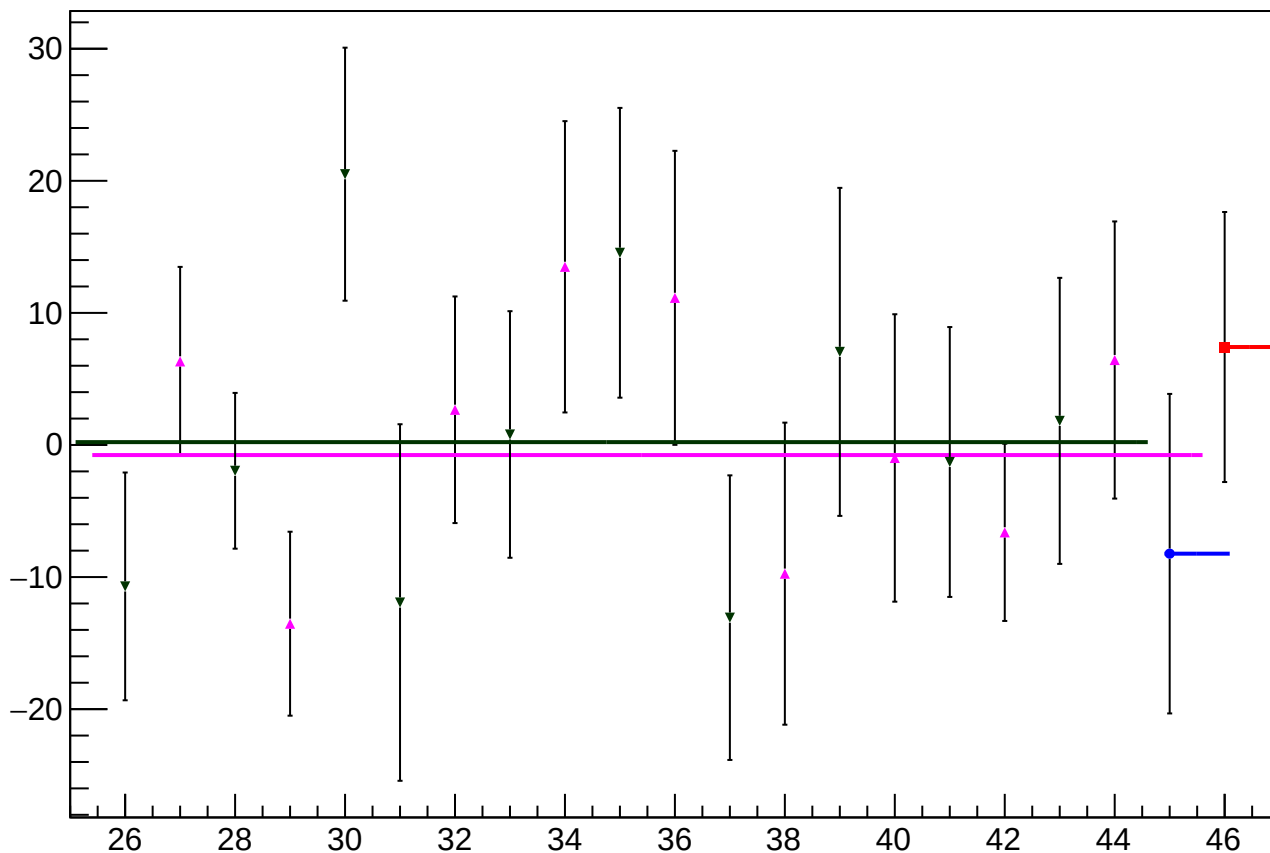
Right Out: 1384.293+/-1.503 χ^2/NDF : 0.0/0

Left In: 1569.361+/-0.471 χ^2/NDF : 160439.4/8

1577.617+/-0.466 χ^2/NDF : 206647.6/10

1552.823+/-0.449 χ^2/NDF : 174239.8/9

diff_bpm4aY_mean vs slug



Right In: -8.229 ± 12.096 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.216 ± 2.994 $\chi^2/\text{NDF}: 10.6/9$

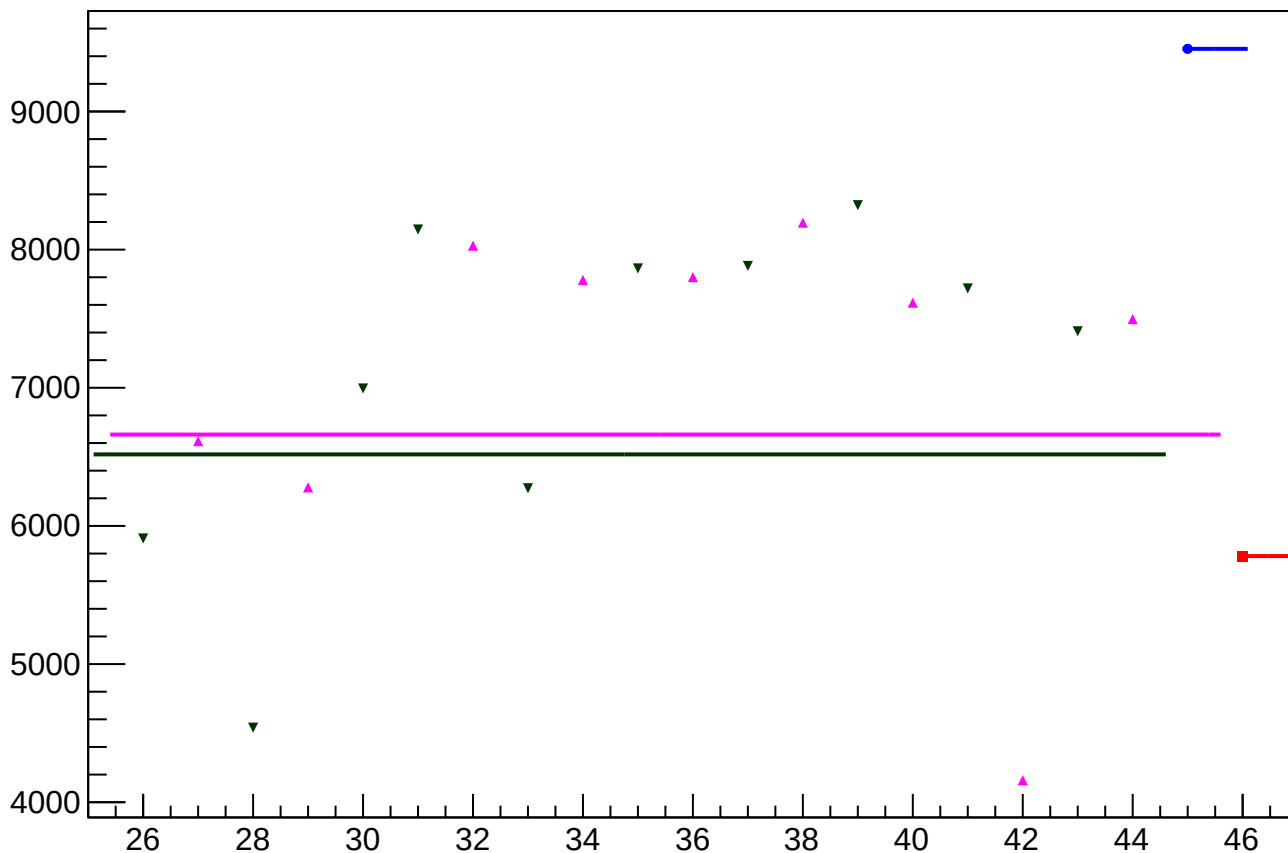
Right Out: 7.417 ± 10.223 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.763 ± 2.918 $\chi^2/\text{NDF}: 9.2/8$

-0.271 ± 2.906 $\chi^2/\text{NDF}: 11.1/10$

-0.147 ± 2.806 $\chi^2/\text{NDF}: 9.8/9$

diff_bpm4aY_rms vs slug



Right In: 9453.348+/-8.553 χ^2/NDF : 0.0/0

Left Out: 6517.791+/-2.117 χ^2/NDF : 416045.1/9

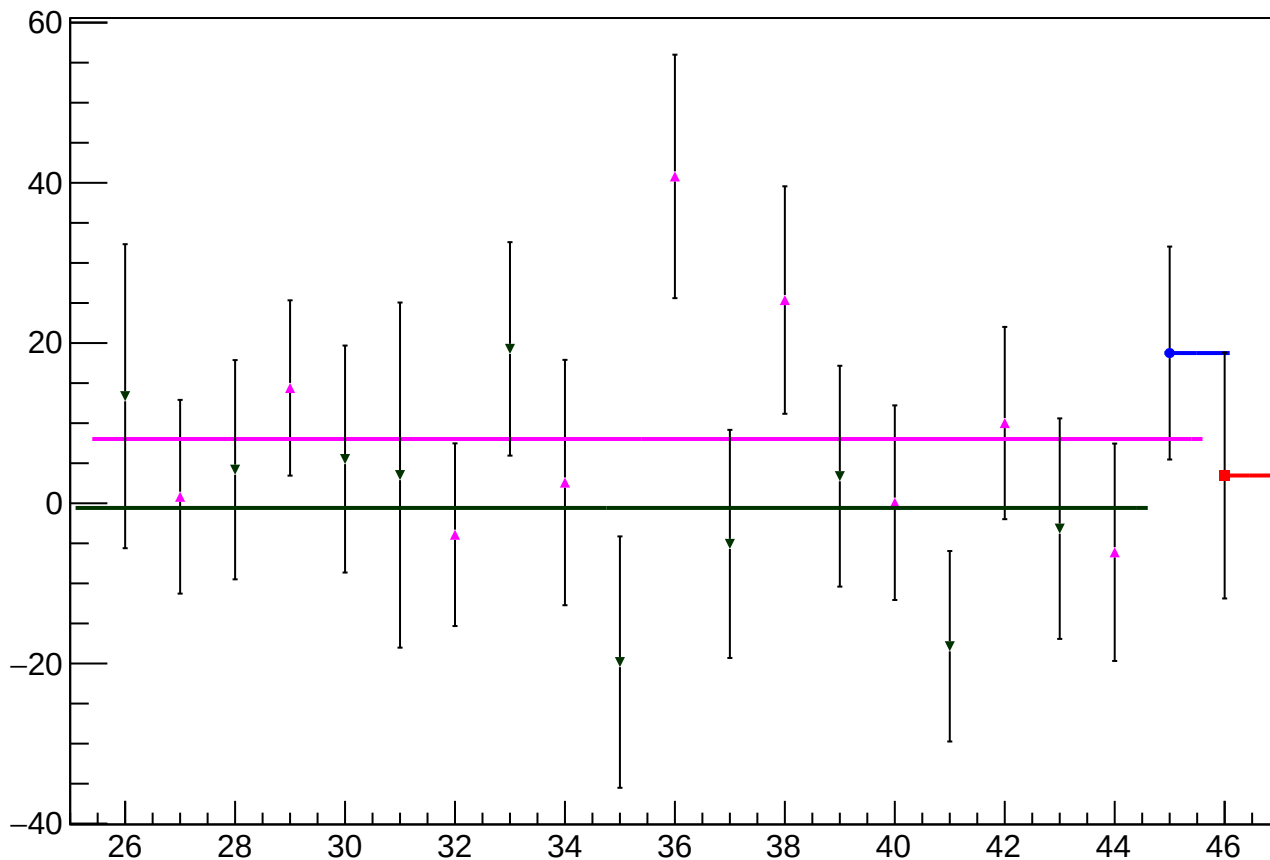
Right Out: 5781.697+/-7.228 χ^2/NDF : 0.0/0

Left In: 6661.299+/-2.063 χ^2/NDF : 440651.7/8

6687.217+/-2.055 χ^2/NDF : 527048.0/10

6595.024+/-1.984 χ^2/NDF : 454343.5/9

diff_bpm4eX_mean vs slug



Right In: 18.752 $\pm$ 13.290 χ^2/NDF : 0.0/0

Left Out: -0.581 $\pm$ 4.588 χ^2/NDF : 6.9/9

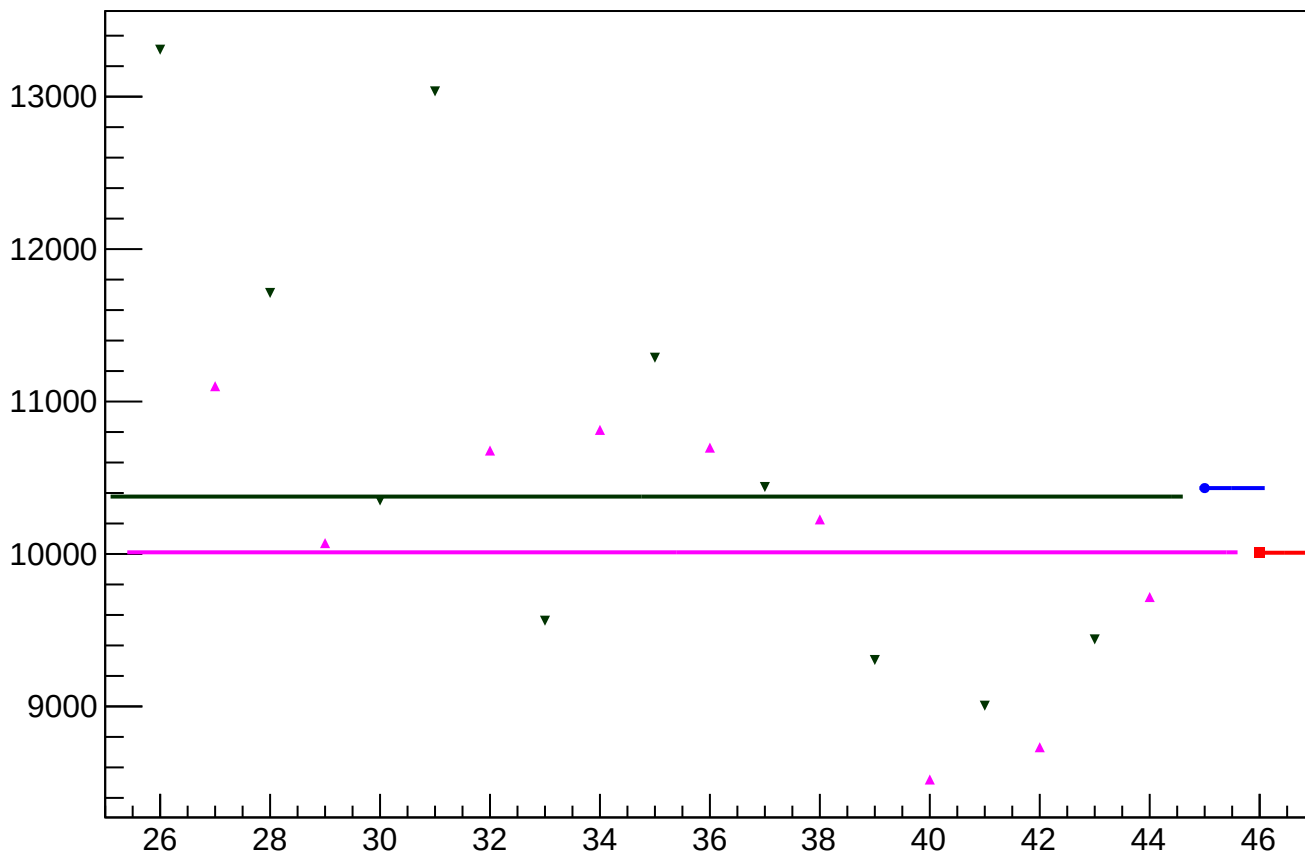
Right Out: 3.468 $\pm$ 15.349 χ^2/NDF : 0.0/0

Left In: 8.023 $\pm$ 4.241 χ^2/NDF : 9.6/8

1.478 $\pm$ 4.337 χ^2/NDF : 8.8/10

7.700 $\pm$ 4.088 χ^2/NDF : 9.7/9

diff_bpm4eX_rms vs slug



Right In: 10432.271+/-9.397 χ^2/NDF : 0.0/0

Left Out: 10376.591+/-3.244 χ^2/NDF : 159508.6/9

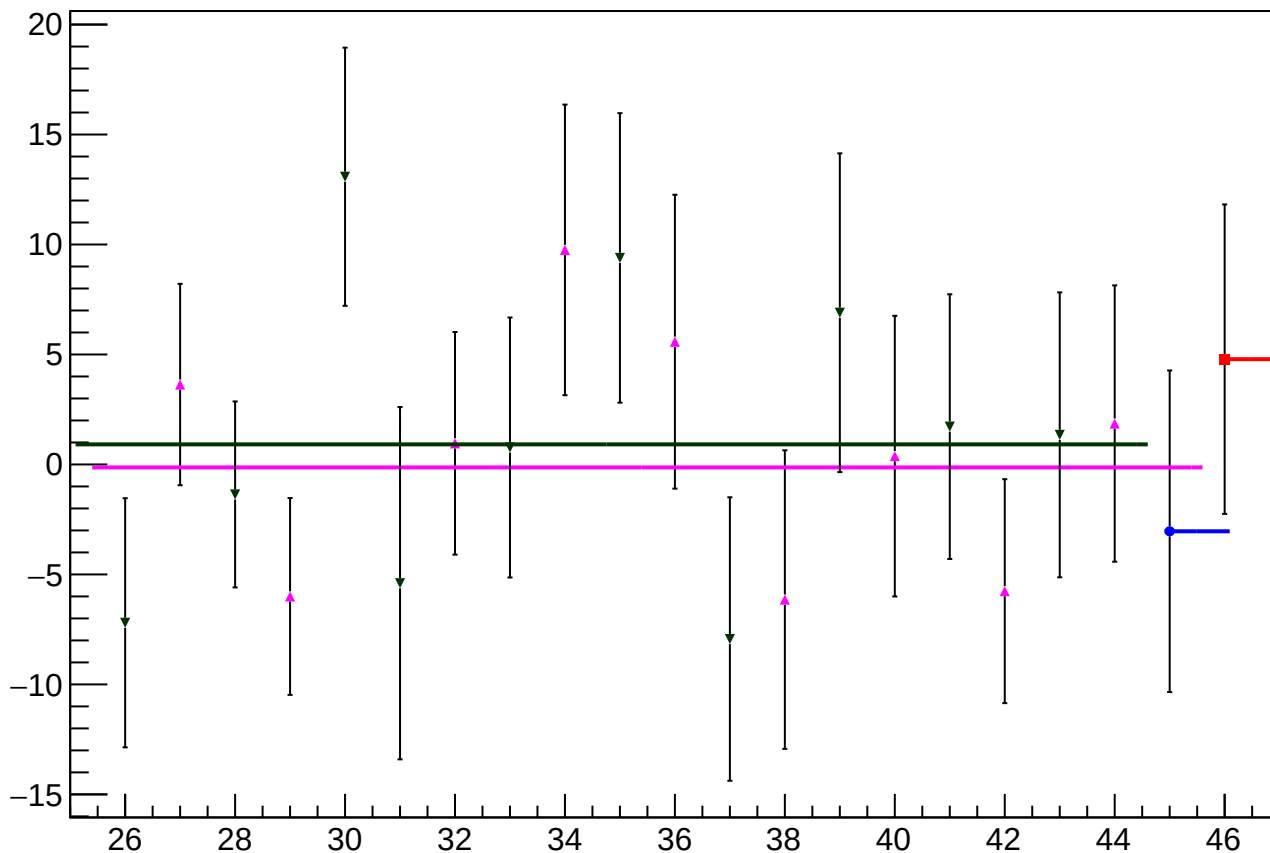
Right Out: 10008.183+/-10.853 χ^2/NDF : 0.0/0

Left In: 10010.873+/-2.999 χ^2/NDF : 86966.6/8

10382.521+/-3.067 χ^2/NDF : 159540.0/10

10010.683+/-2.891 χ^2/NDF : 86966.7/9

diff_bpm4eY_mean vs slug



Right In: -3.038+/-7.310 χ^2/NDF : 0.0/0

Left Out: 0.913+/-1.896 χ^2/NDF :11.5/9

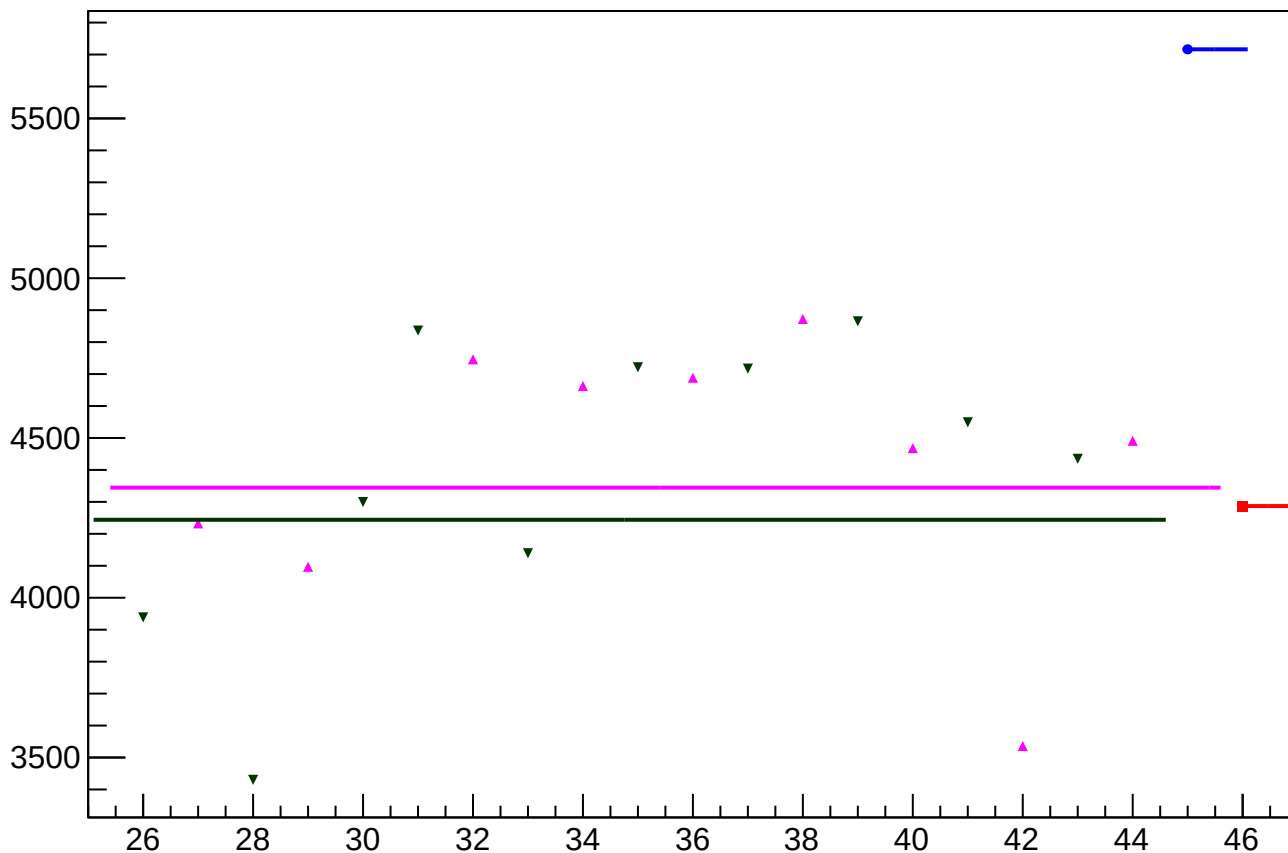
Right Out: 4.787+/-7.035 χ^2/NDF : 0.0/0

Left In: -0.134+/-1.850 χ^2/NDF :7.5/8

0.664+/-1.836 χ^2/NDF : 11.8/10

0.184+/-1.789 χ^2/NDF : 8.0/9

diff_bpm4eY_rms vs slug



Right In: 5716.278+/-5.169 χ^2/NDF : 0.0/0

Left Out: 4243.997+/-1.341 χ^2/NDF :134537.2/9

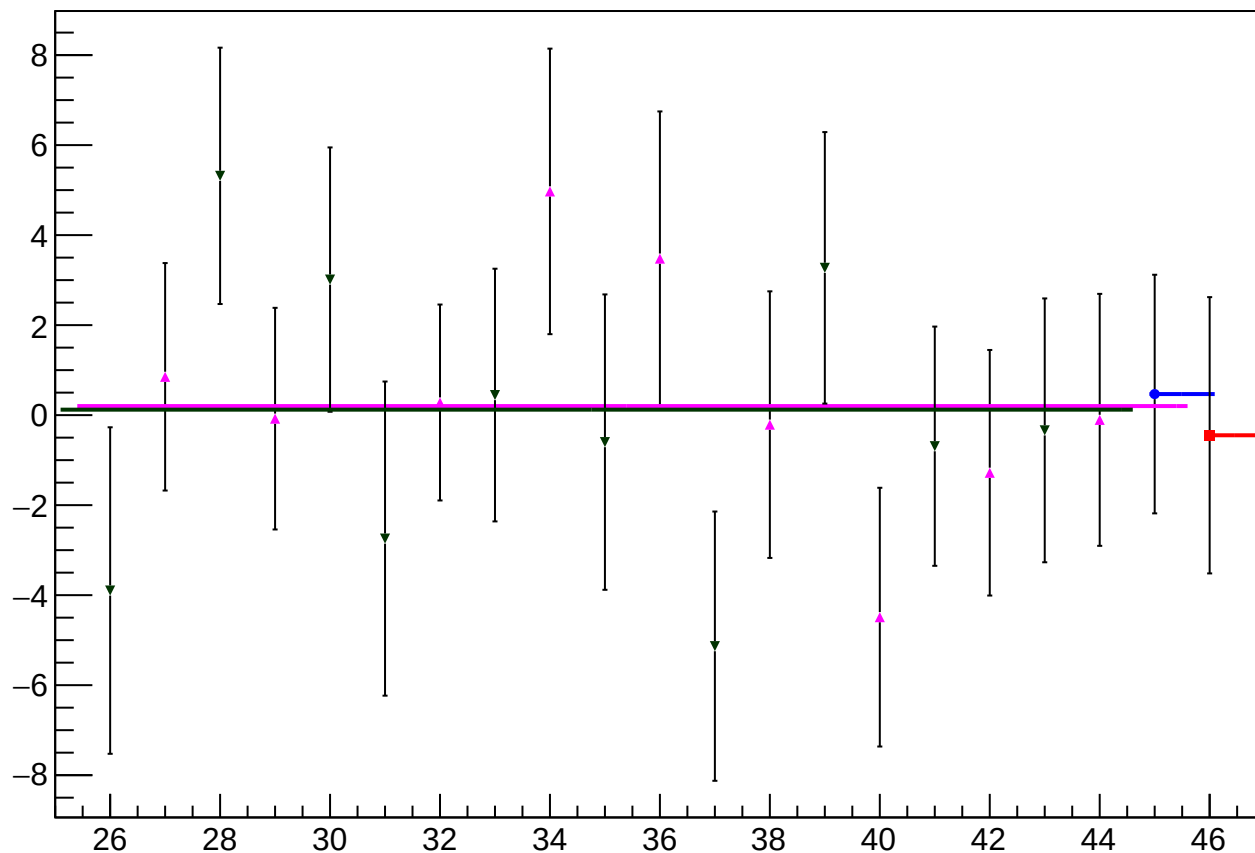
Right Out: 4286.840+/-4.974 χ^2/NDF : 0.0/0

Left In: 4344.593+/-1.308 χ^2/NDF :94267.5/8

4336.834+/-1.298 χ^2/NDF : 210544.0/10

4340.858+/-1.265 χ^2/NDF : 94393.6/9

diff_bpm4acX_mean vs slug



Right In: 0.468 $\pm$ 2.651 χ^2 /NDF: 0.0/0

Left Out: 0.122 $\pm$ 0.955 χ^2 /NDF:10.6/9

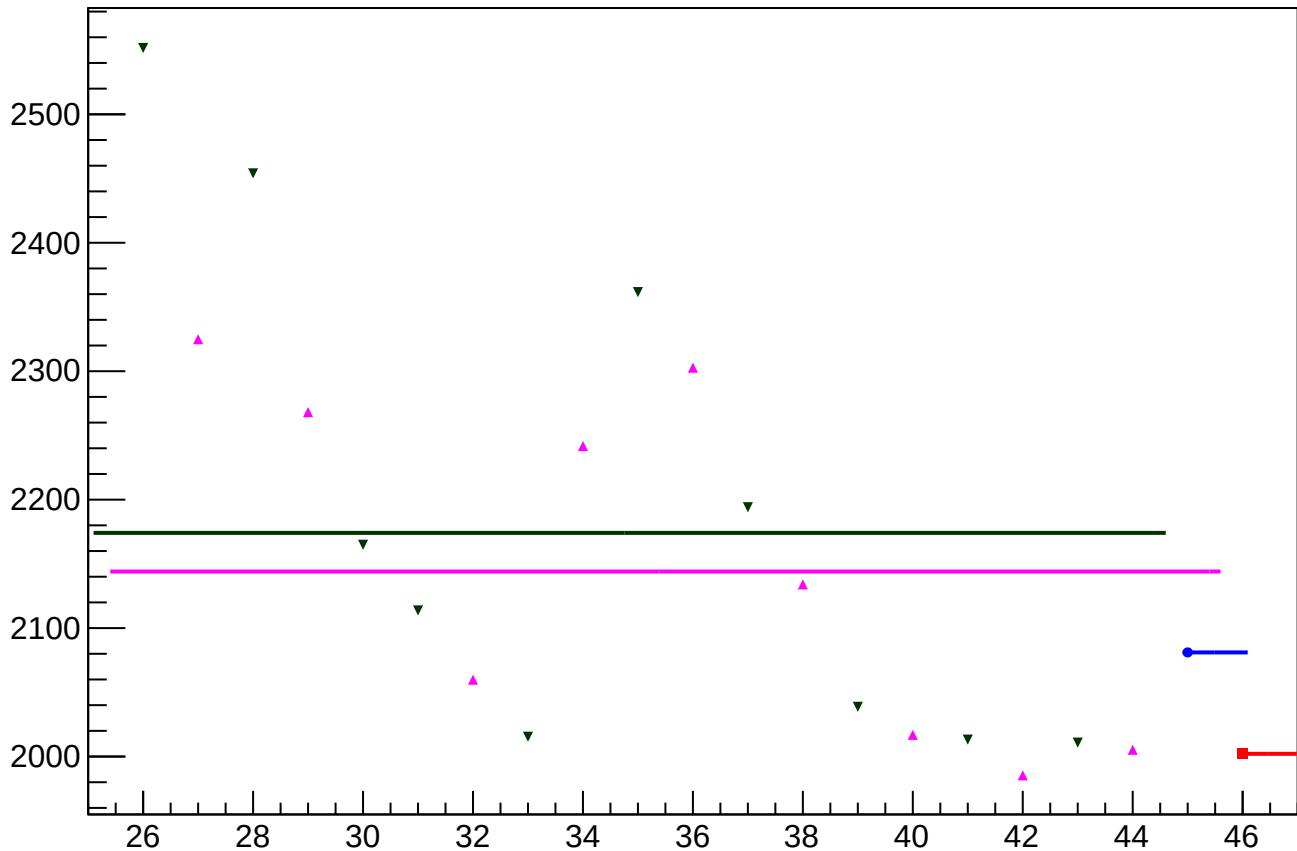
Right Out: -0.447 $\pm$ 3.069 χ^2 /NDF: 0.0/0

Left In: 0.202 $\pm$ 0.904 χ^2 /NDF:6.3/8

0.162 $\pm$ 0.898 χ^2 /NDF: 10.6/10

0.150 $\pm$ 0.868 χ^2 /NDF: 6.4/9

diff_bpm4acX_rms vs slug



Right In: 2081.073+/-1.875 χ^2/NDF : 0.0/0

Left Out: 2174.130+/-0.675 χ^2/NDF : 72174.6/9

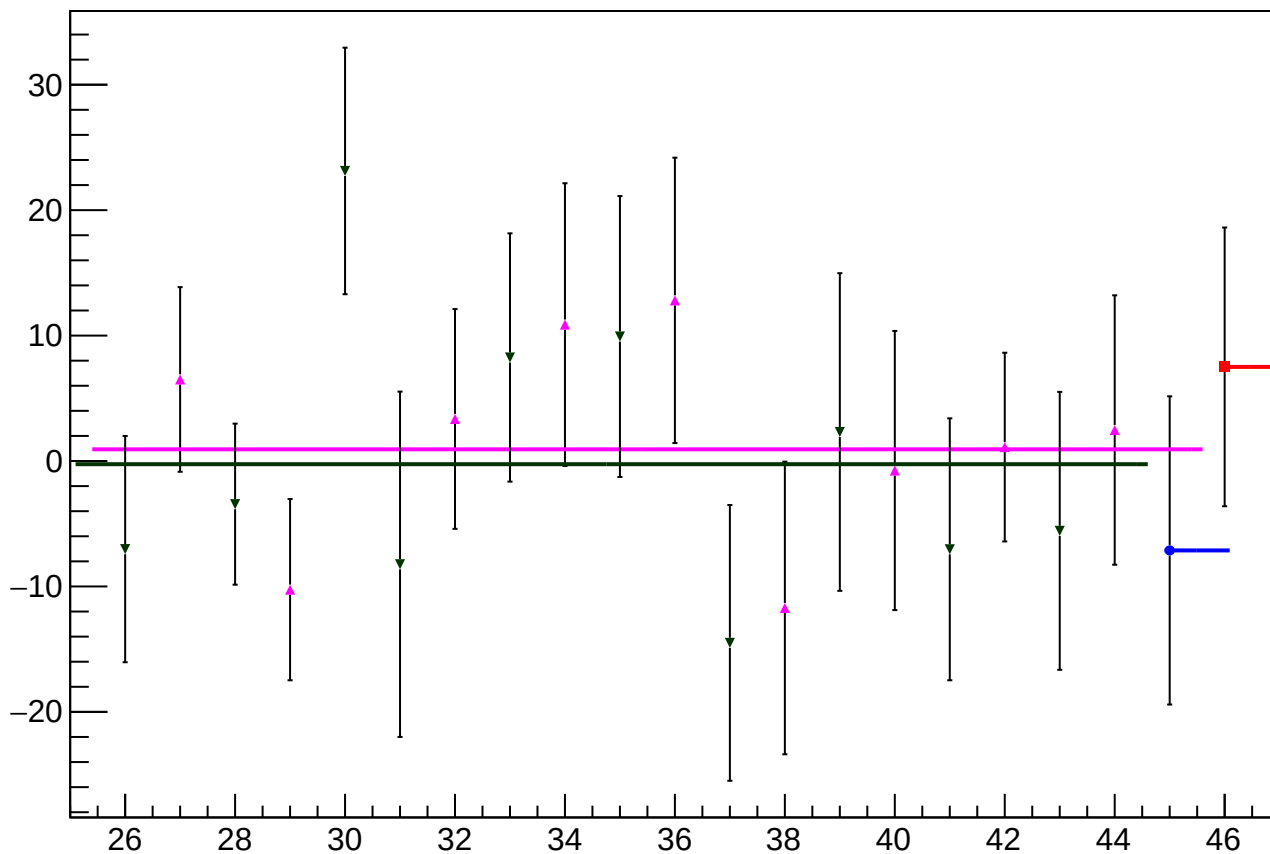
2163.443+/-0.635 χ^2/NDF : 74355.7/10

Right Out: 2002.117+/-2.170 χ^2/NDF : 0.0/0

2132.714+/-0.613 χ^2/NDF : 44473.4/9

Left In: 2144.053+/-0.640 χ^2/NDF : 40538.6/8

diff_bpm4acY_mean vs slug



Right In: -7.128+/-12.286 χ^2/NDF : 0.0/0

Left Out: -0.253+/-3.128 χ^2/NDF : 10.7/9

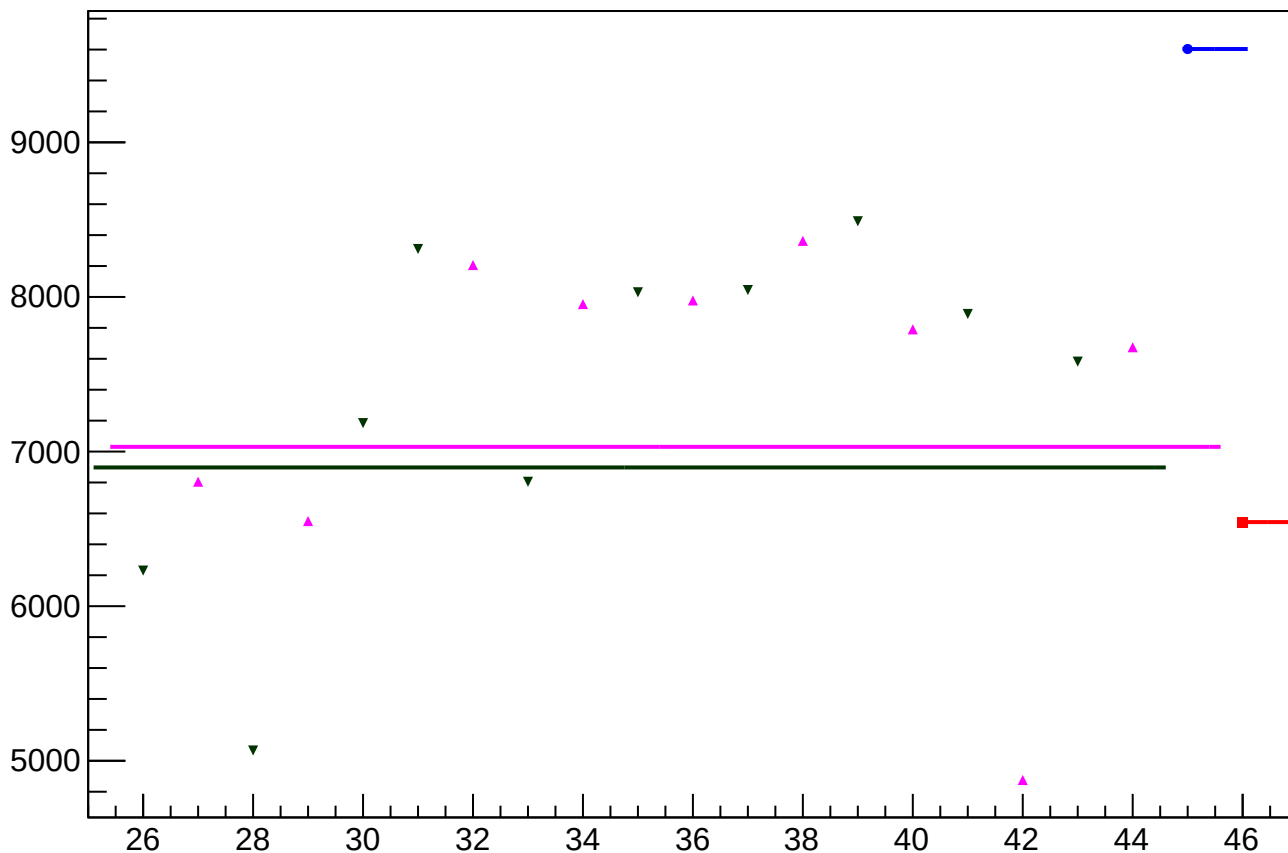
Right Out: 7.504+/-11.111 χ^2/NDF : 0.0/0

Left In: 0.933+/-3.043 χ^2/NDF : 6.1/8

-0.672+/-3.031 χ^2/NDF : 11.0/10

1.391+/-2.935 χ^2/NDF : 6.5/9

diff_bpm4acY_rms vs slug



Right In: 9603.622 $\pm$ 8.687 χ^2 /NDF: 0.0/0

Left Out: 6897.291 $\pm$ 2.212 χ^2 /NDF: 296077.9/9

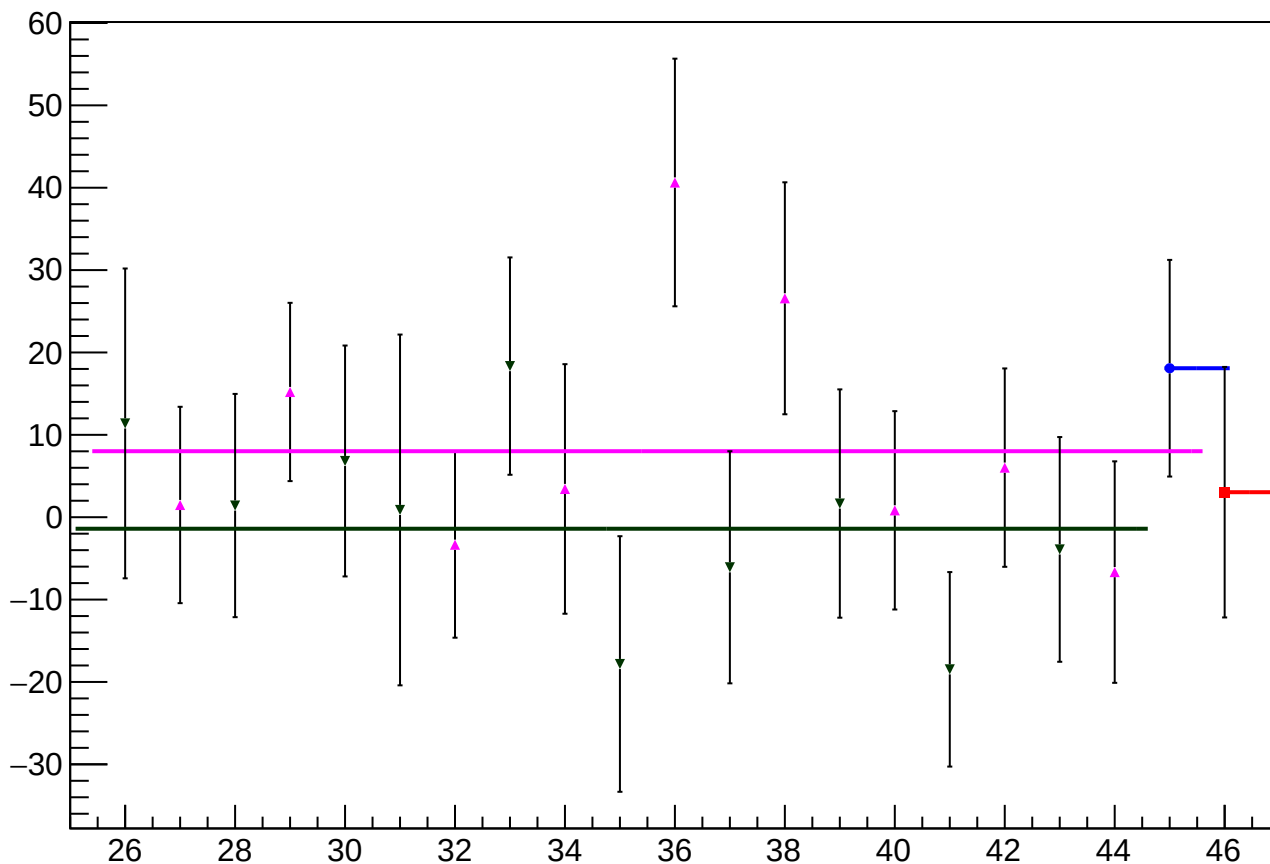
Right Out: 6543.958 $\pm$ 7.857 χ^2 /NDF: 0.0/0

Left In: 7030.553 $\pm$ 2.152 χ^2 /NDF: 280714.3/8

7062.047 $\pm$ 2.144 χ^2 /NDF: 387215.0/10

6996.608 $\pm$ 2.075 χ^2 /NDF: 284282.4/9

diff_bpm4ecX_mean vs slug



Right In: 18.087+/-13.151 χ^2/NDF : 0.0/0

Left Out: -1.399+/-4.552 χ^2/NDF : 6.5/9

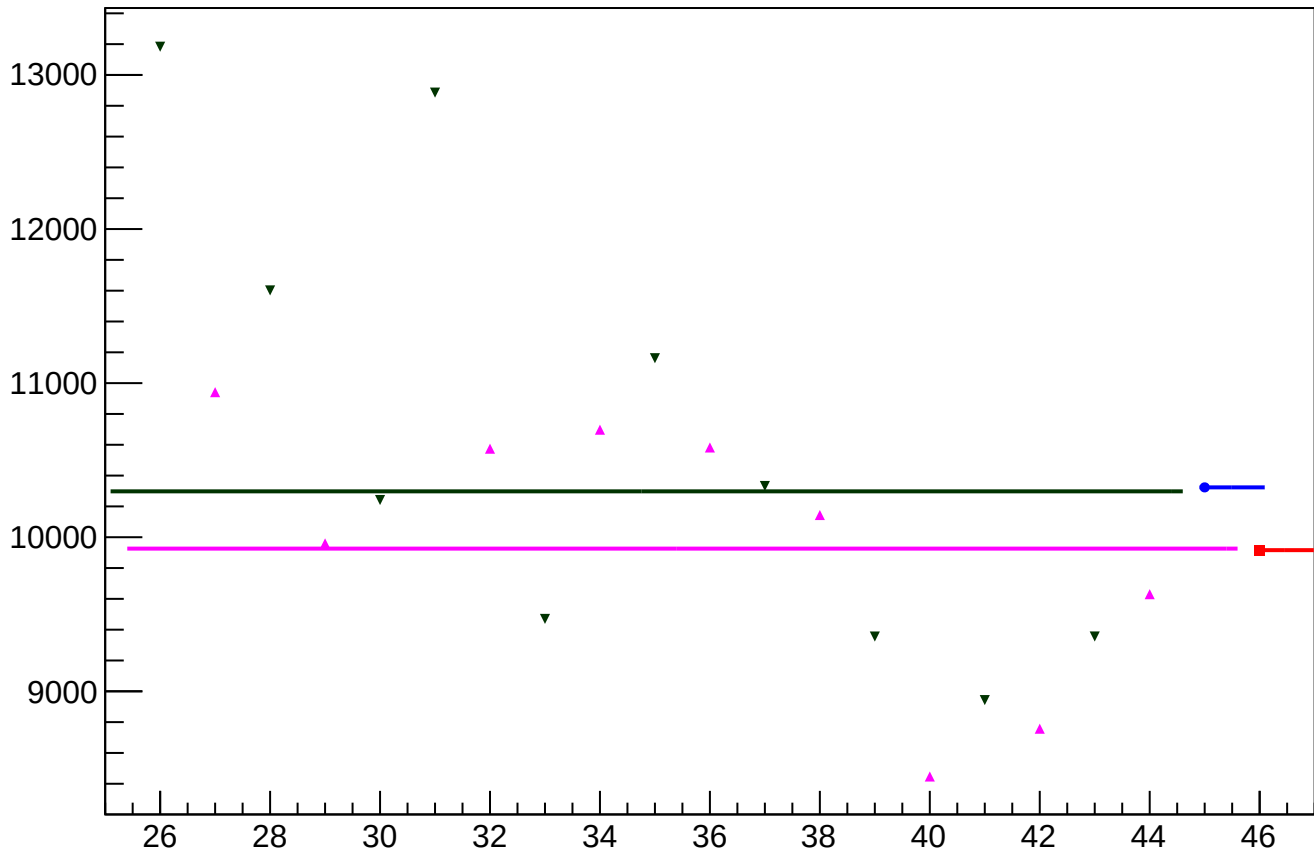
Right Out: 3.036+/-15.207 χ^2/NDF : 0.0/0

Left In: 8.013+/-4.204 χ^2/NDF : 9.9/8

0.686+/-4.302 χ^2/NDF : 8.5/10

7.659+/-4.052 χ^2/NDF : 10.0/9

diff_bpm4ecX_rms vs slug



Right In: 10323.491+/-9.299 χ^2/NDF : 0.0/0

Left Out: 10297.699+/-3.219 χ^2/NDF :154377.9/9

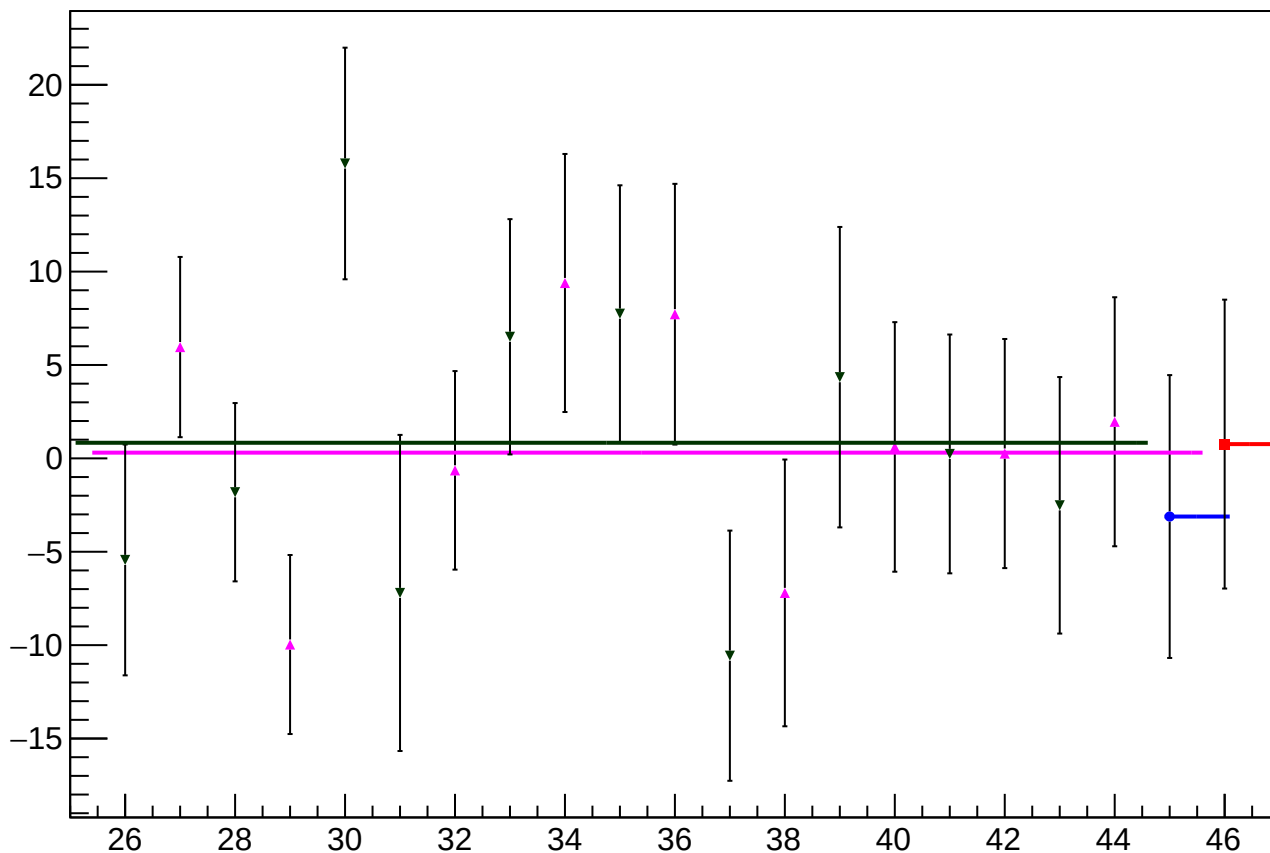
10300.458+/-3.042 χ^2/NDF : 154384.8/10

Right Out: 9916.097+/-10.753 χ^2/NDF : 0.0/0

Left In: 9926.075+/-2.973 χ^2/NDF :80597.8/8

9925.367+/-2.865 χ^2/NDF : 80598.6/9

diff_bpm4ecY_mean vs slug



Right In: -3.114+/-7.573 χ^2/NDF : 0.0/0

Left Out: 0.835+/-2.042 χ^2/NDF :13.2/9

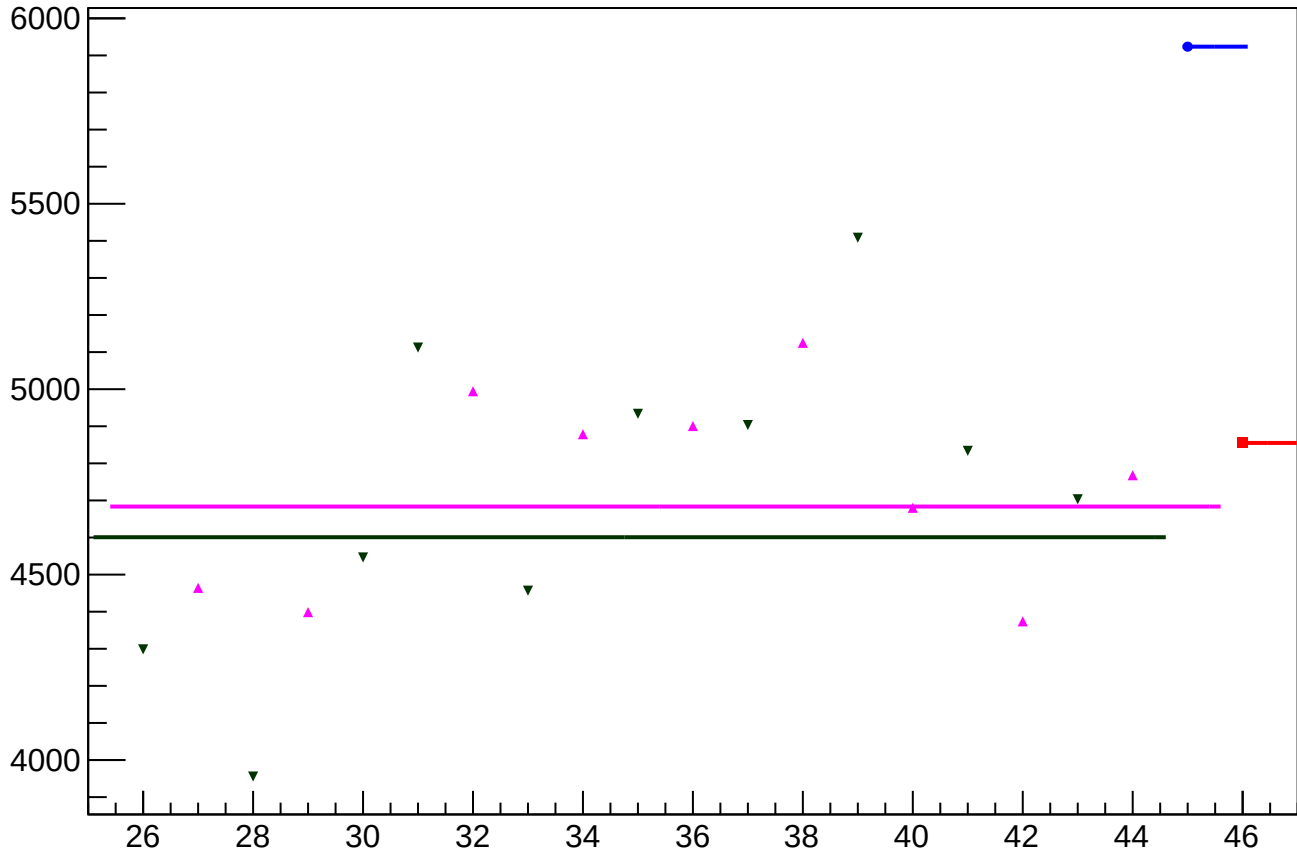
Right Out: 0.764+/-7.734 χ^2/NDF : 0.0/0

Left In: 0.306+/-1.982 χ^2/NDF :10.0/8

0.567+/-1.972 χ^2/NDF : 13.5/10

0.335+/-1.920 χ^2/NDF : 10.0/9

diff_bpm4ecY_rms vs slug



Right In: 5923.660 $\pm$ 5.355 χ^2 /NDF: 0.0/0

Left Out: 4600.808 $\pm$ 1.444 χ^2 /NDF:81875.8/9

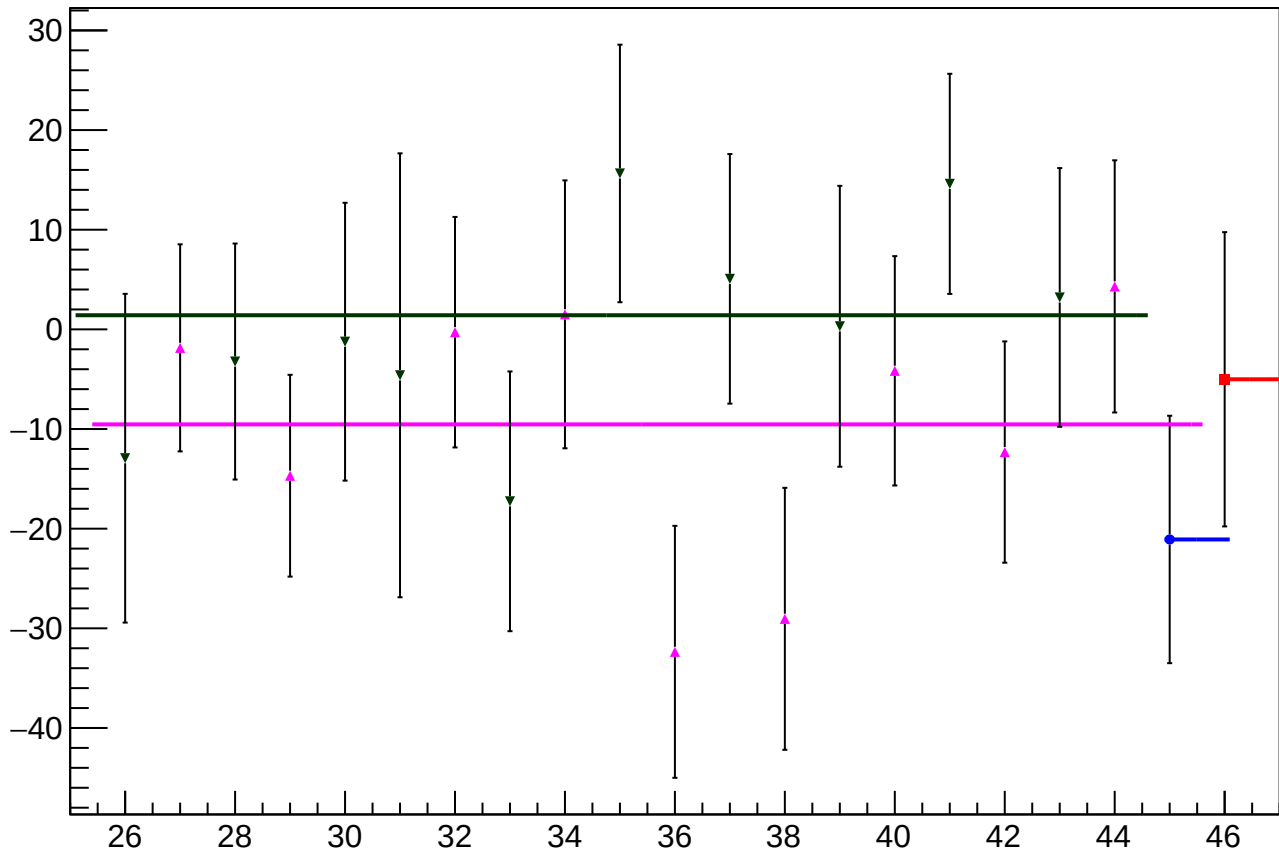
4690.480 $\pm$ 1.394 χ^2 /NDF: 138772.1/10

Right Out: 4855.025 $\pm$ 5.469 χ^2 /NDF: 0.0/0

4694.117 $\pm$ 1.358 χ^2 /NDF: 35545.2/9

Left In: 4683.543 $\pm$ 1.402 χ^2 /NDF:34622.6/8

diff_bpm1X_mean vs slug



Right In: -21.082 $\pm$ 12.413 χ^2 /NDF: 0.0/0

Left Out: 1.417 $\pm$ 4.249 χ^2 /NDF: 5.8/9

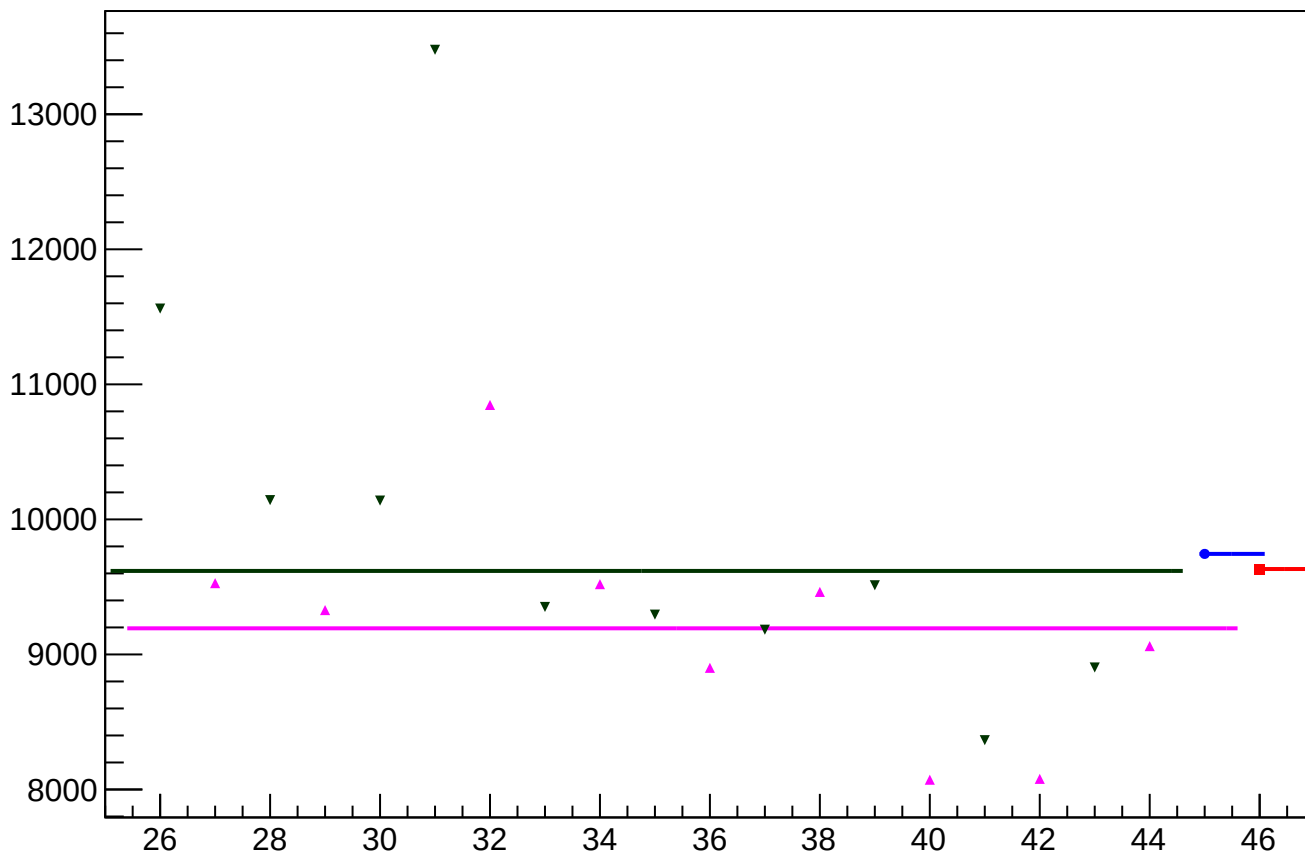
Right Out: -5.008 $\pm$ 14.764 χ^2 /NDF: 0.0/0

Left In: -9.535 $\pm$ 3.893 χ^2 /NDF: 9.1/8

-0.942 $\pm$ 4.020 χ^2 /NDF: 8.8/10

-9.240 $\pm$ 3.764 χ^2 /NDF: 9.1/9

diff_bpm1X_rms vs slug



Right In: 9744.567+/-8.778 χ^2/NDF : 0.0/0

Left Out: 9618.418+/-3.005 χ^2/NDF :130935.9/9

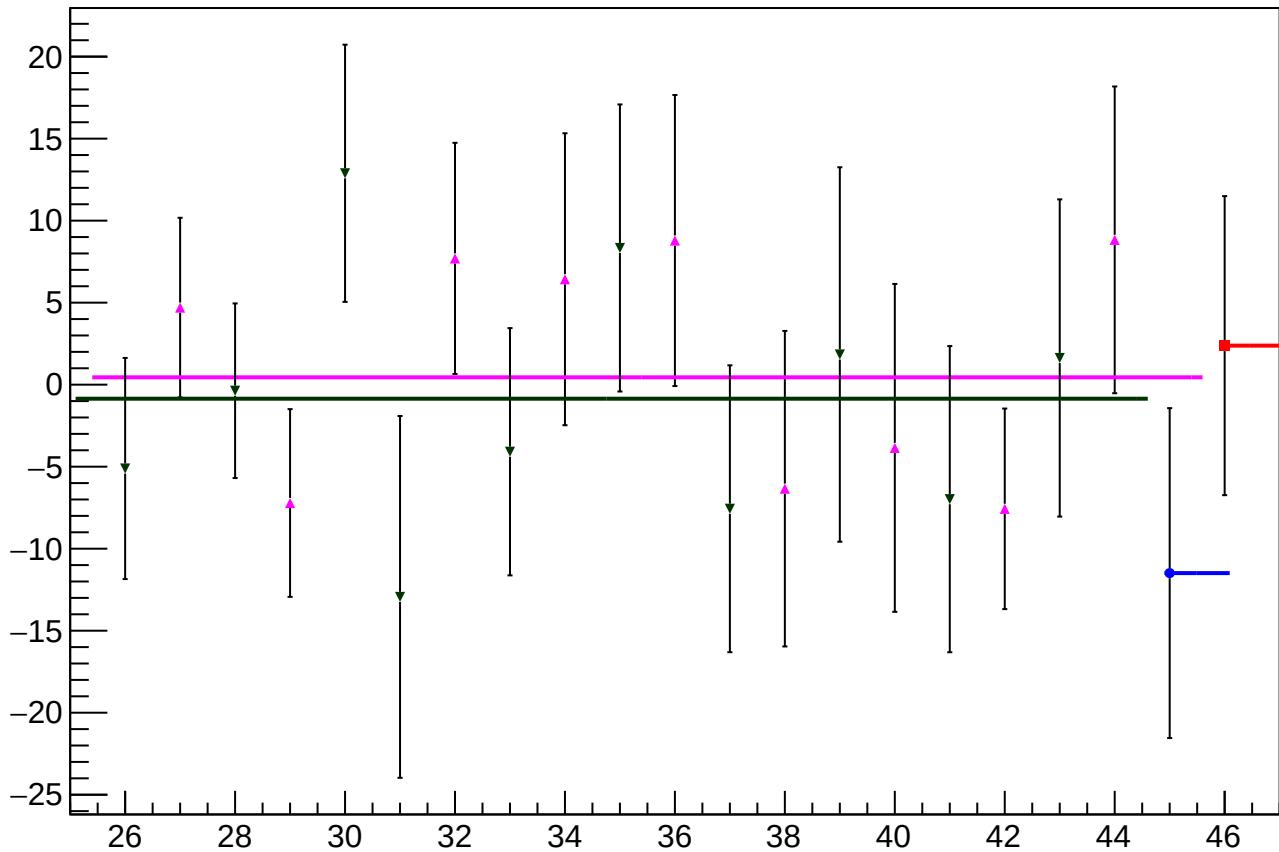
Right Out: 9632.599+/-10.440 χ^2/NDF : 0.0/0

Left In: 9193.401+/-2.753 χ^2/NDF :85779.3/8

9631.649+/-2.843 χ^2/NDF : 131120.8/10

9221.952+/-2.662 χ^2/NDF : 87434.1/9

diff_bpm1Y_mean vs slug



Right In: -11.488 $\pm$ 10.057 χ^2 /NDF: 0.0/0

Left Out: -0.856 $\pm$ 2.537 χ^2 /NDF: 7.1/9

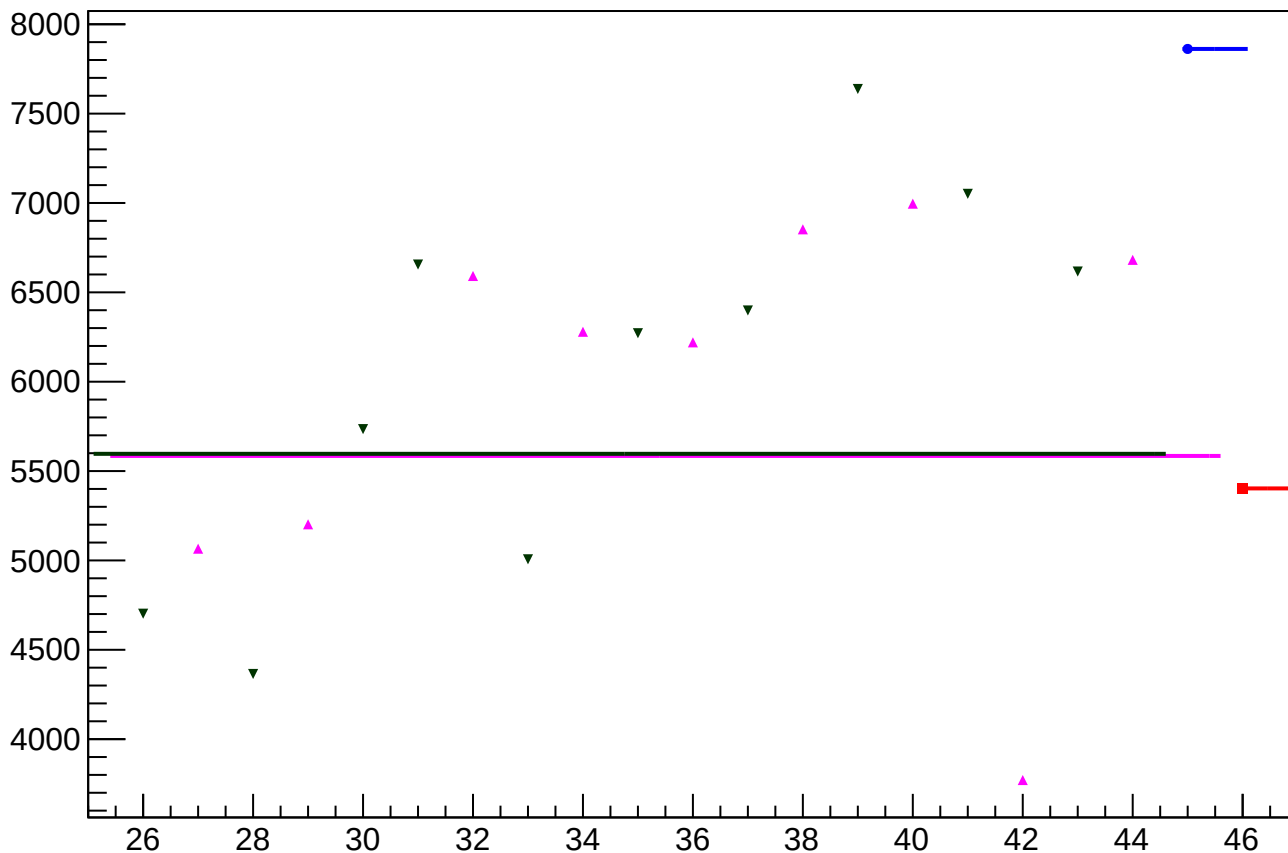
Right Out: 2.380 $\pm$ 9.116 χ^2 /NDF: 0.0/0

Left In: 0.448 $\pm$ 2.437 χ^2 /NDF: 8.0/8

-1.492 $\pm$ 2.460 χ^2 /NDF: 8.2/10

0.577 $\pm$ 2.355 χ^2 /NDF: 8.0/9

diff_bpm1Y_rms vs slug



Right In: 7861.890+/-7.111 χ^2/NDF : 0.0/0

Left Out: 5596.473+/-1.794 χ^2/NDF : 337129.9/9

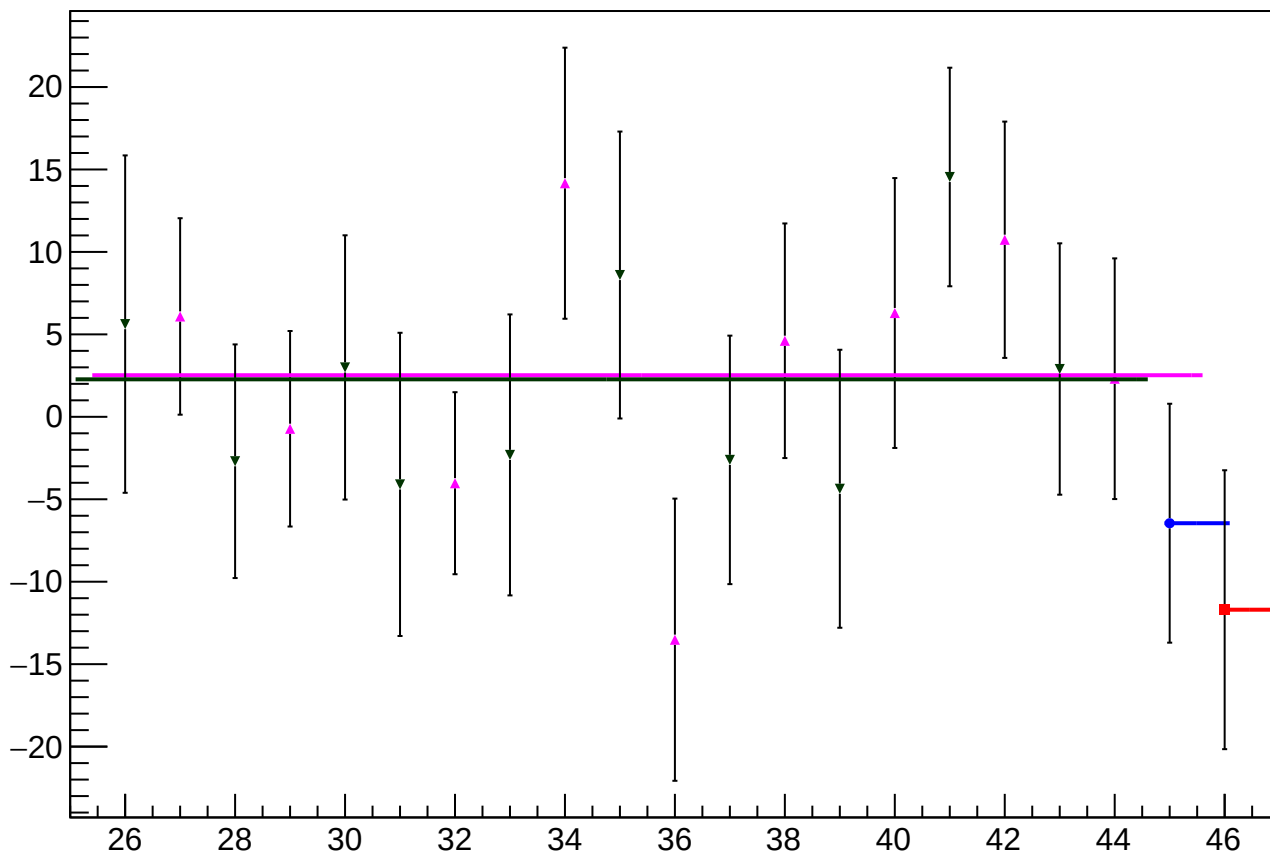
Right Out: 5402.935+/-6.446 χ^2/NDF : 0.0/0

Left In: 5584.691+/-1.723 χ^2/NDF : 368292.2/8

5732.023+/-1.740 χ^2/NDF : 432541.0/10

5572.565+/-1.665 χ^2/NDF : 369034.2/9

diff_bpm11X_mean vs slug



Right In: -6.452+/-7.245 χ^2/NDF : 0.0/0

Left Out: 2.274+/-2.536 χ^2/NDF : 6.4/9

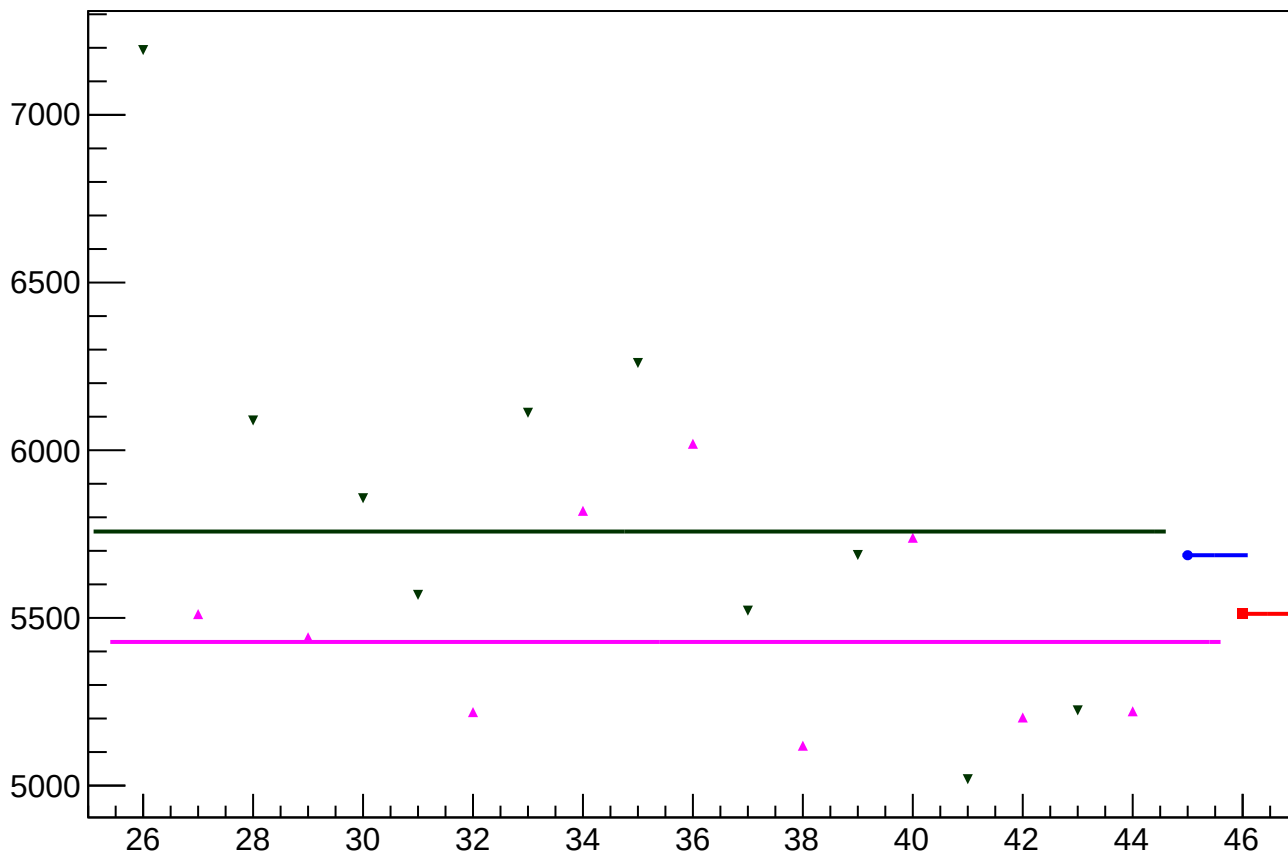
Right Out: -11.698+/-8.457 χ^2/NDF : 0.0/0

Left In: 2.523+/-2.289 χ^2/NDF : 9.2/8

1.321+/-2.393 χ^2/NDF : 7.7/10

1.552+/-2.210 χ^2/NDF : 11.8/9

diff_bpm11X_rms vs slug



Right In: 5686.938+/-5.123 χ^2/NDF : 0.0/0

Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

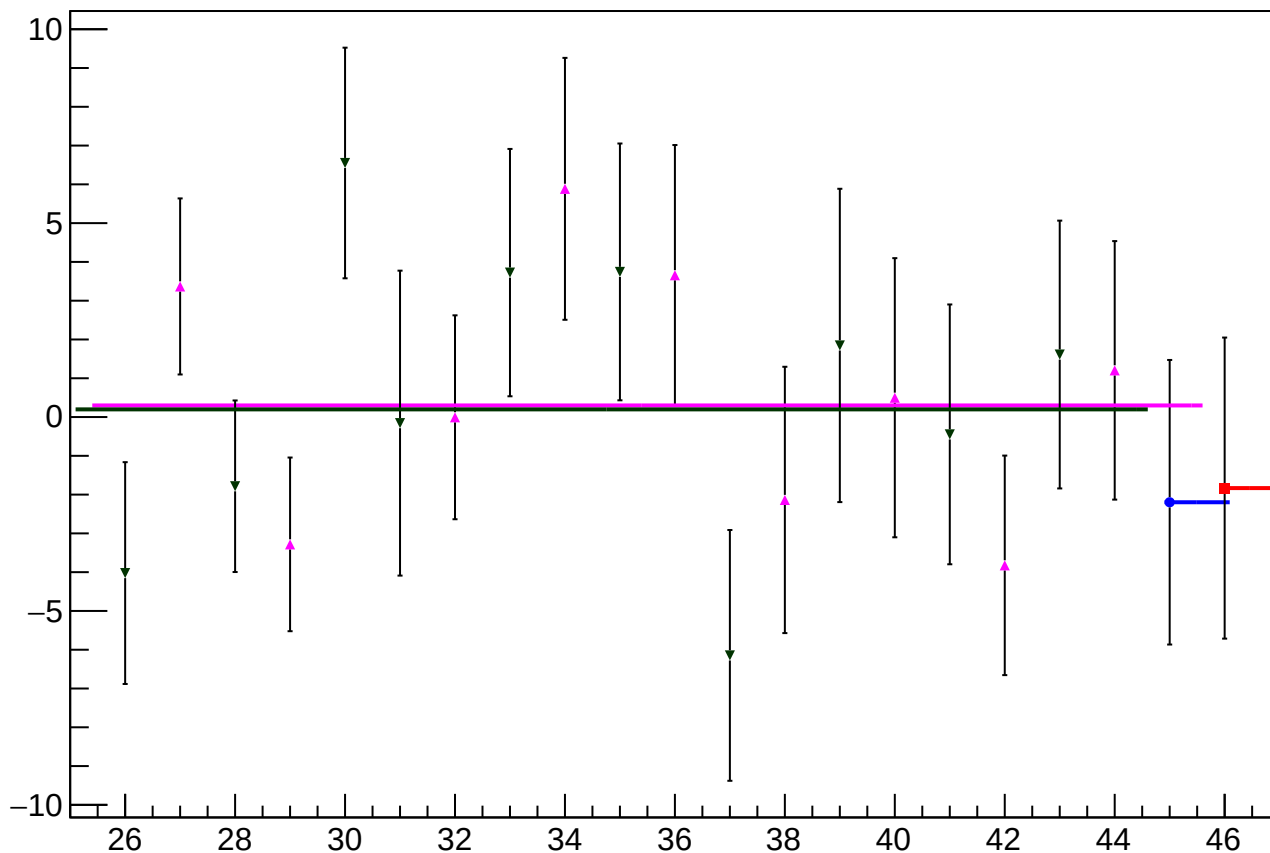
Right Out: 5512.145+/-5.980 χ^2/NDF : 0.0/0

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5749.882+/-1.692 χ^2/NDF : 91926.8/10

5434.048+/-1.562 χ^2/NDF : 27768.4/9

diff_bpm11Y_mean vs slug



Right In: -2.197+/-3.669 χ^2/NDF : 0.0/0

Left Out: 0.198+/-0.988 χ^2/NDF :14.1/9

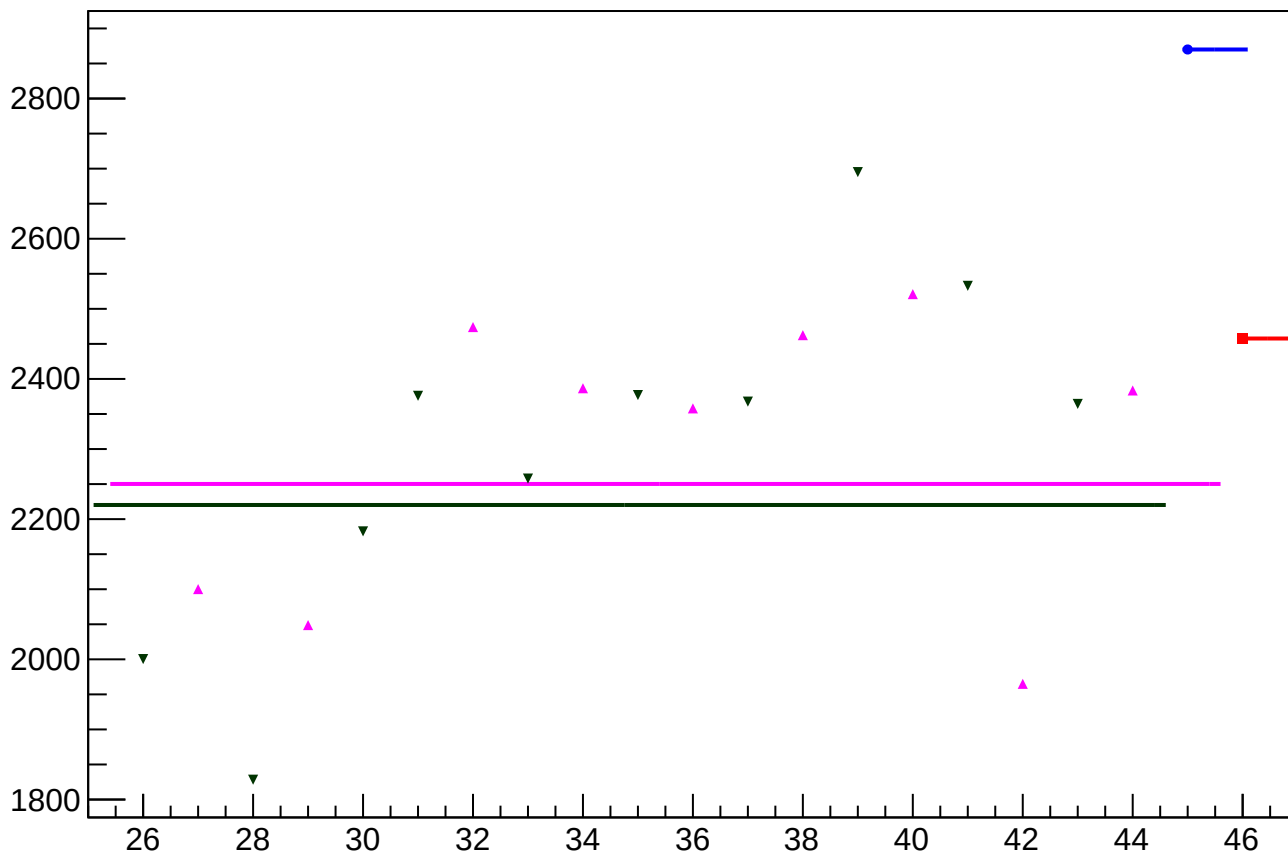
Right Out: -1.832+/-3.882 χ^2/NDF : 0.0/0

Left In: 0.299+/-0.957 χ^2/NDF :10.8/8

0.036+/-0.954 χ^2/NDF : 14.5/10

0.177+/-0.929 χ^2/NDF : 11.1/9

diff_bpm11Y_rms vs slug



Right In: 2869.976+/-2.594 χ^2/NDF : 0.0/0

Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

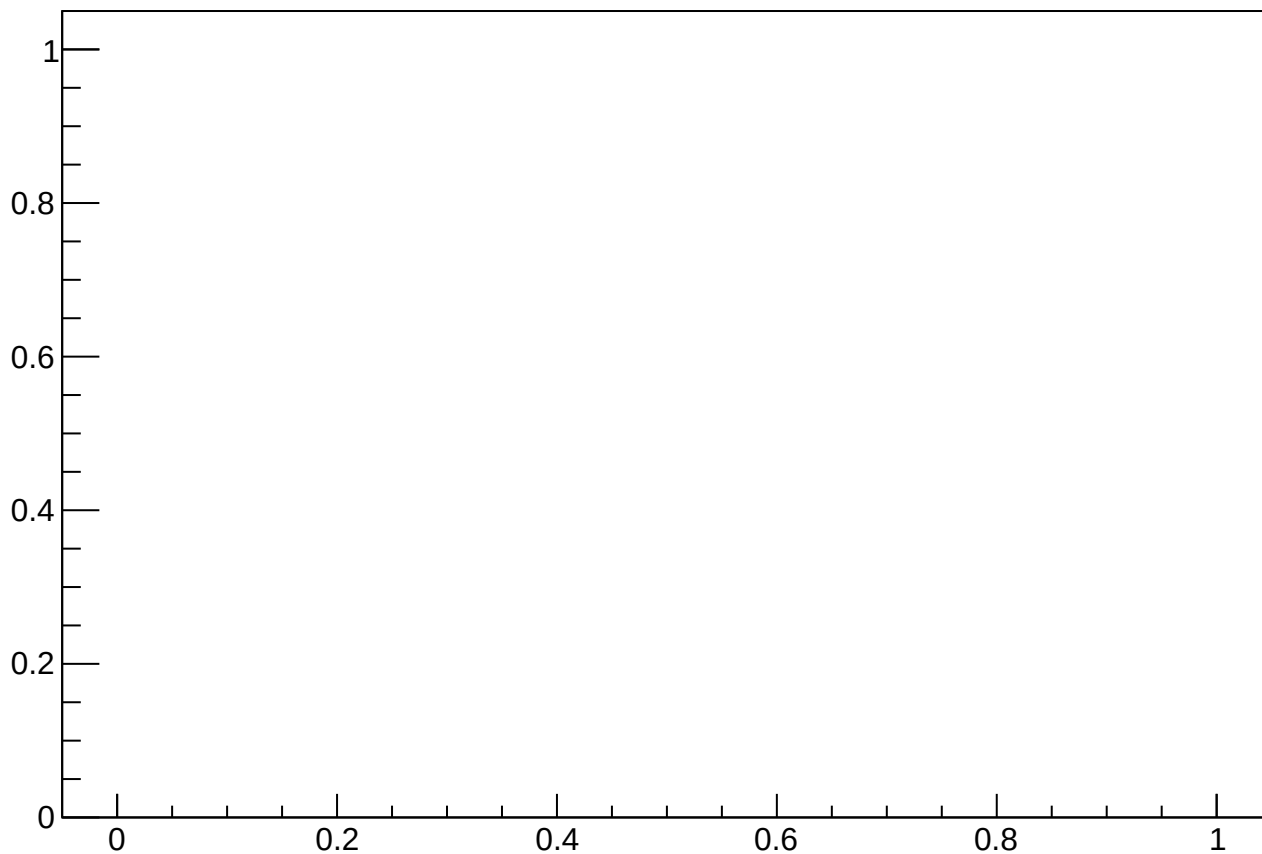
Right Out: 2457.677+/-2.745 χ^2/NDF : 0.0/0

Left In: 2250.180+/-0.677 χ^2/NDF :87193.5/8

2264.147+/-0.675 χ^2/NDF : 194023.1/10

2262.074+/-0.657 χ^2/NDF : 92581.1/9

diff_bpm14X_mean vs slug



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

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

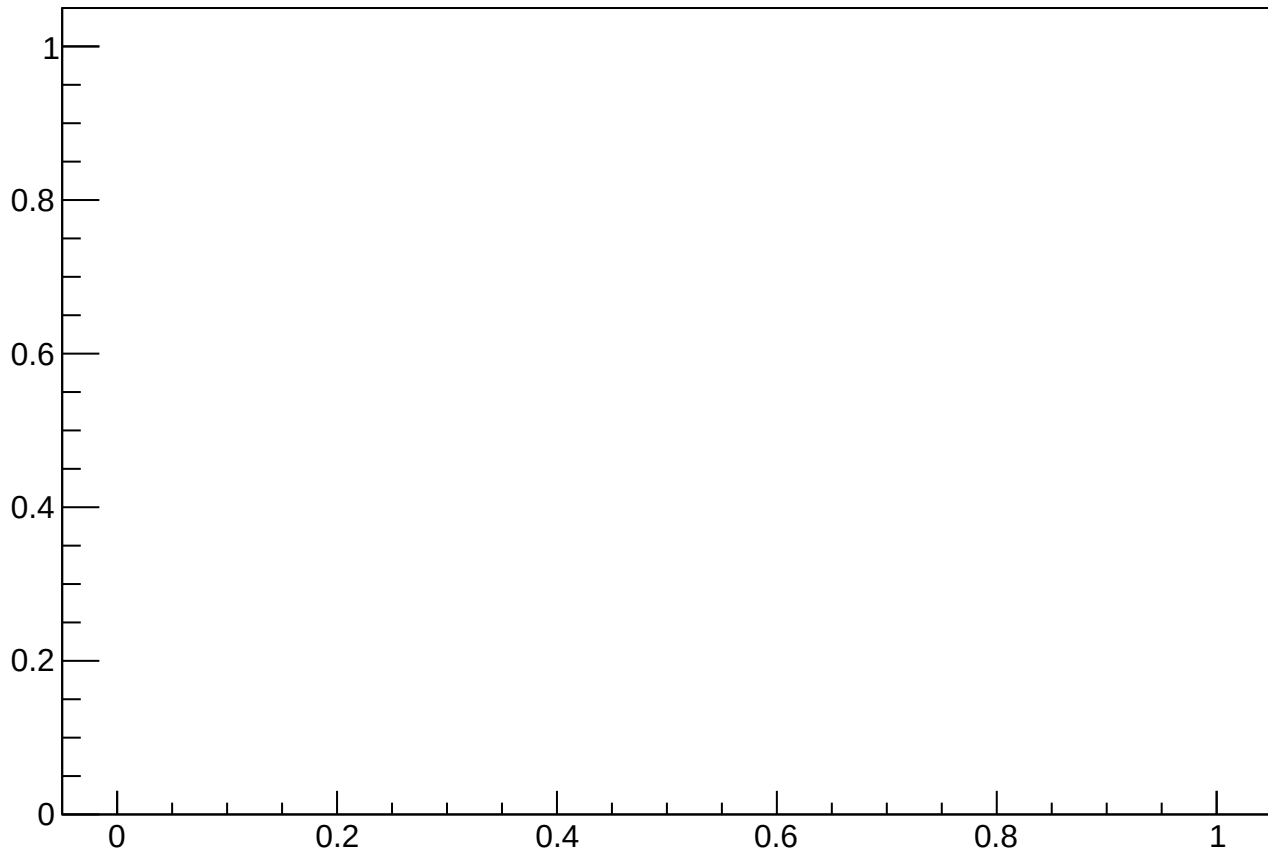
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

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

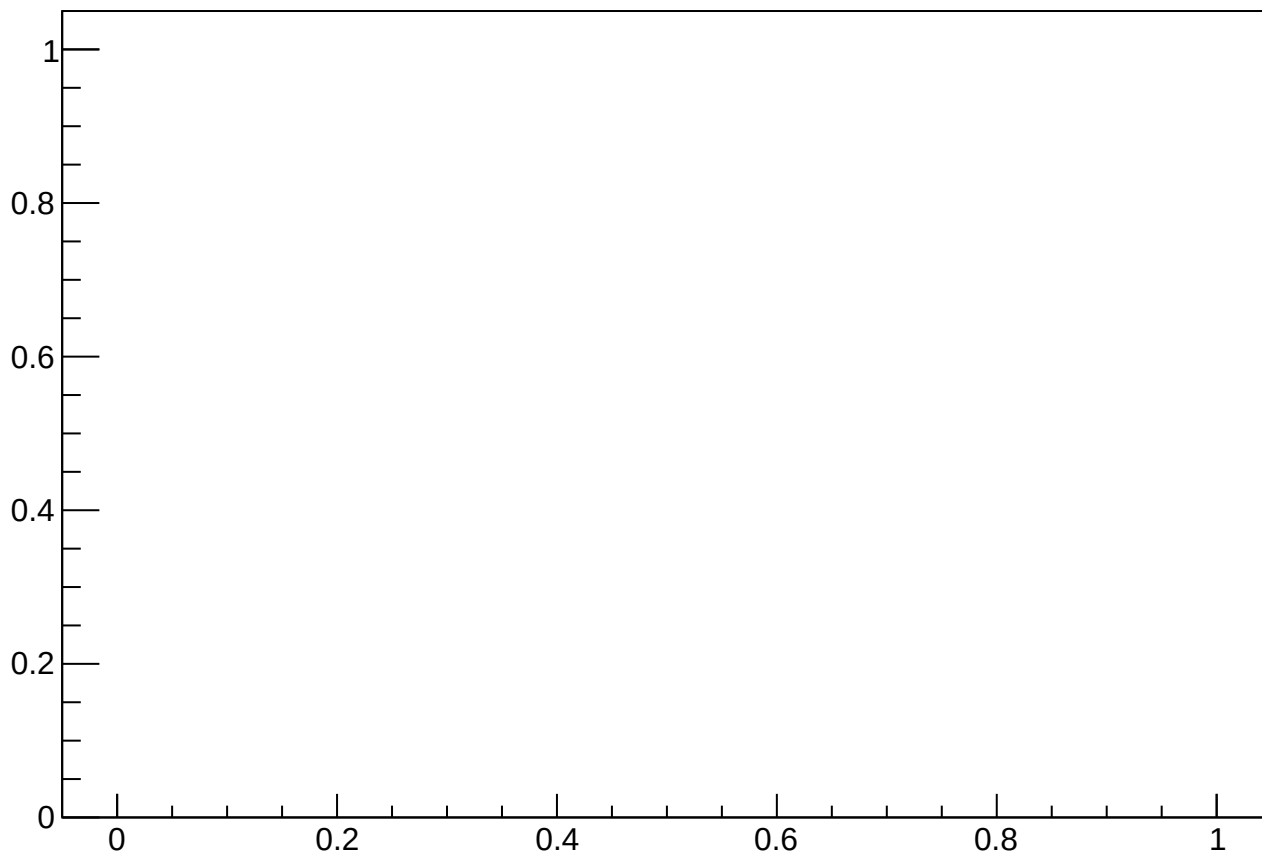
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_rms vs slug



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

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

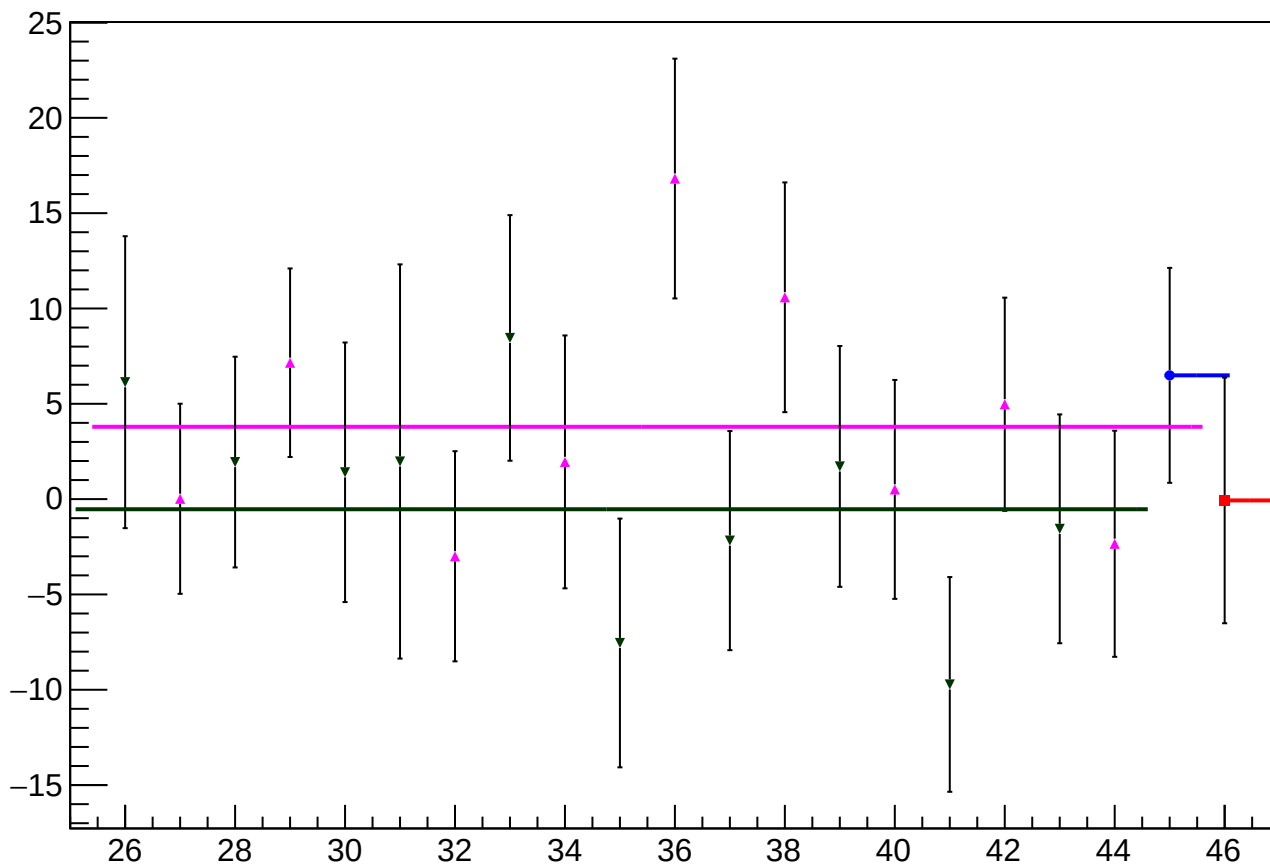
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 6.492 $\pm$ 5.637 χ^2 /NDF: 0.0/0

Left Out: -0.532 $\pm$ 2.029 χ^2 /NDF: 7.1/9

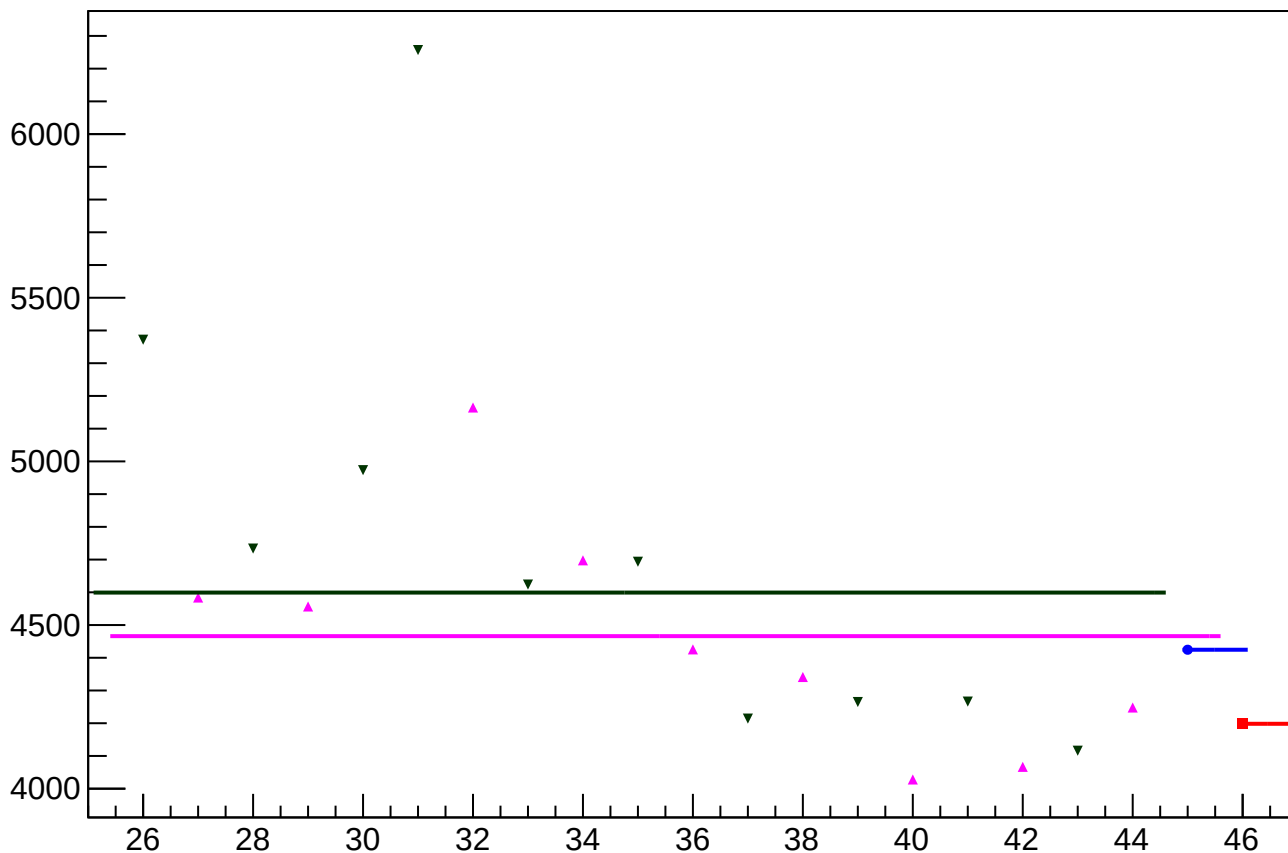
Right Out: -0.069 $\pm$ 6.443 χ^2 /NDF: 0.0/0

Left In: 3.795 $\pm$ 1.889 χ^2 /NDF: 9.6/8

0.274 $\pm$ 1.909 χ^2 /NDF: 8.5/10

3.489 $\pm$ 1.812 χ^2 /NDF: 10.0/9

diff_bpm16X_rms vs slug



Right In: 4424.534+/-3.986 χ^2/NDF : 0.0/0

Left Out: 4599.203+/-1.435 χ^2/NDF :113974.5/9

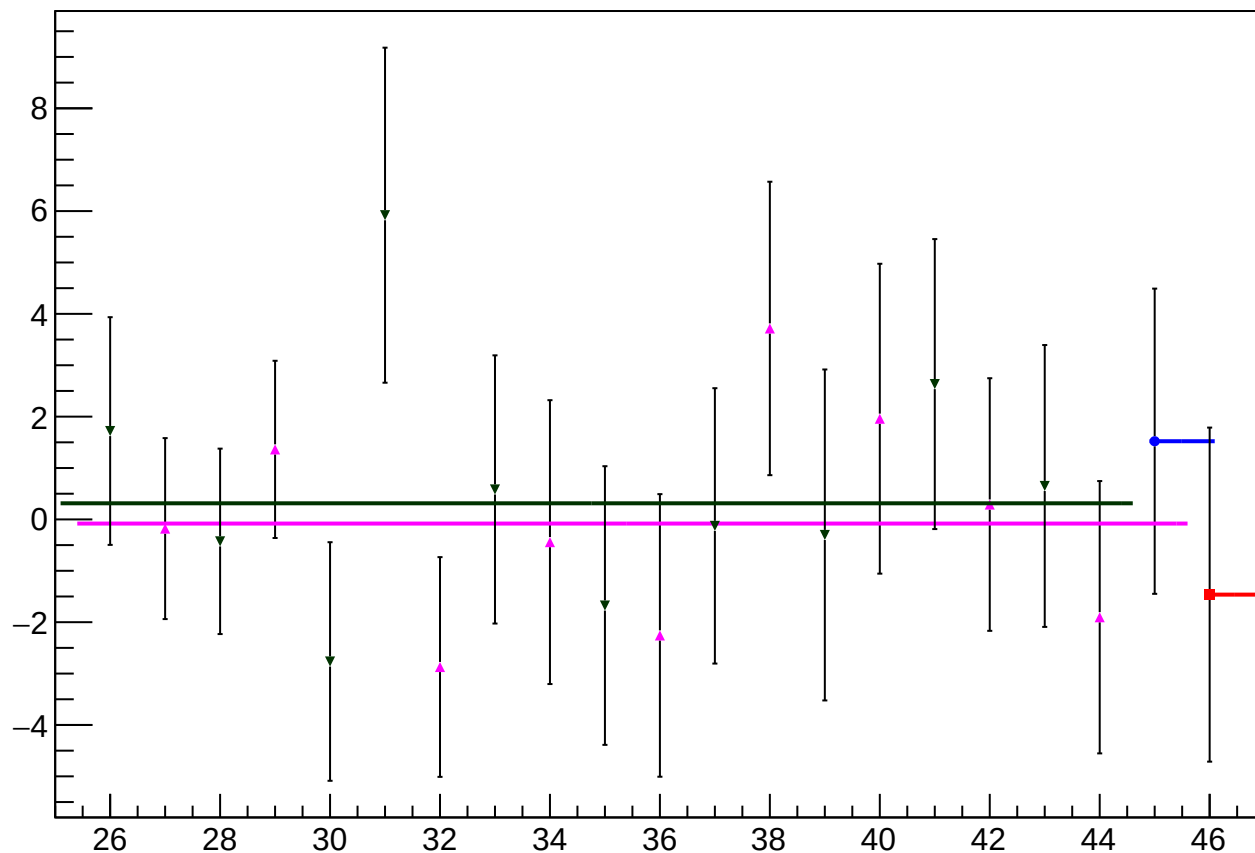
4579.173+/-1.350 χ^2/NDF : 115674.5/10

Right Out: 4198.258+/-4.556 χ^2/NDF : 0.0/0

4444.884+/-1.282 χ^2/NDF : 65022.5/9

Left In: 4466.079+/-1.336 χ^2/NDF :61840.0/8

diff_bpm16Y_mean vs slug



Right In: 1.522 $\pm$ 2.970 χ^2 /NDF: 0.0/0

Left Out: 0.314 $\pm$ 0.799 χ^2 /NDF: 6.6/9

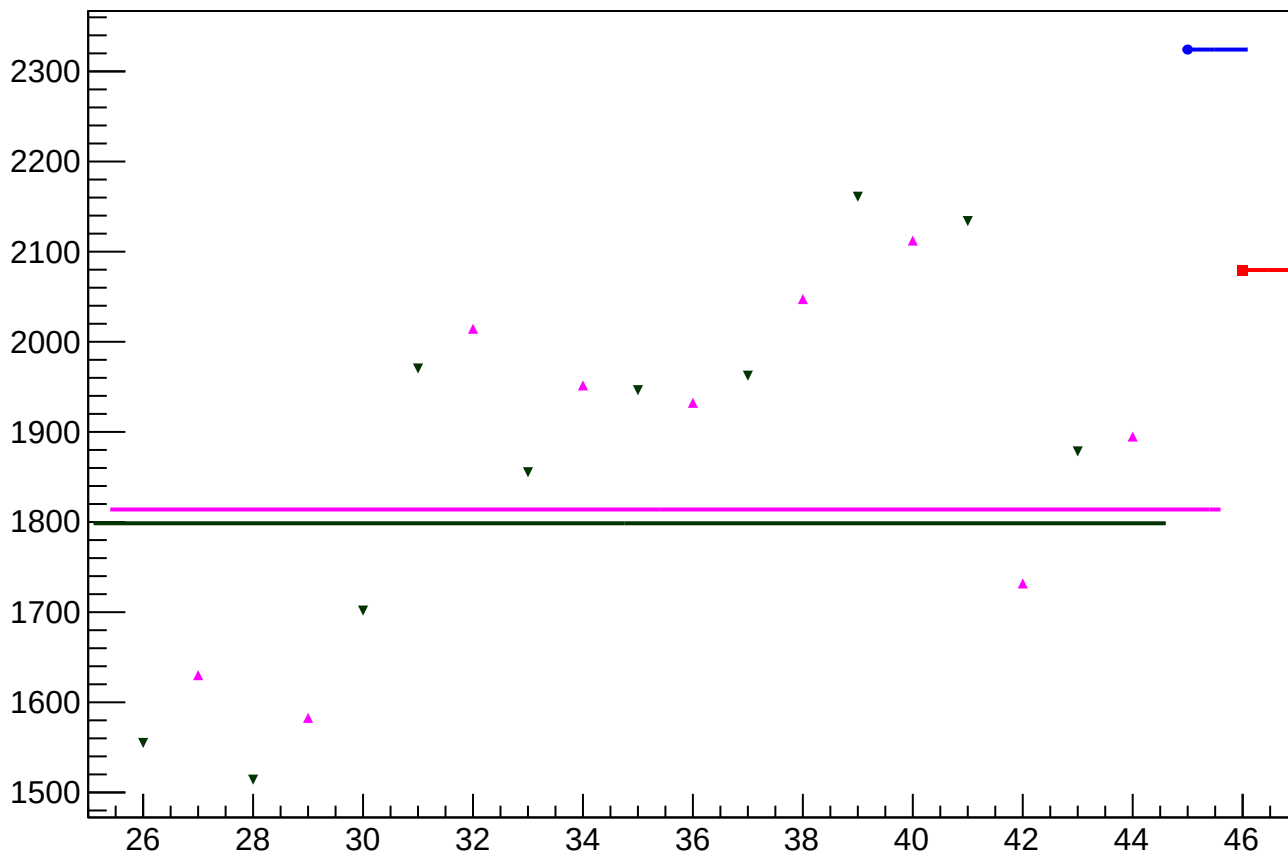
Right Out: -1.464 $\pm$ 3.250 χ^2 /NDF: 0.0/0

Left In: -0.081 $\pm$ 0.771 χ^2 /NDF: 5.8/8

0.395 $\pm$ 0.771 χ^2 /NDF: 6.7/10

-0.154 $\pm$ 0.750 χ^2 /NDF: 5.9/9

diff_bpm16Y_rms vs slug



Right In: 2324.222+/-2.100 χ^2/NDF : 0.0/0

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

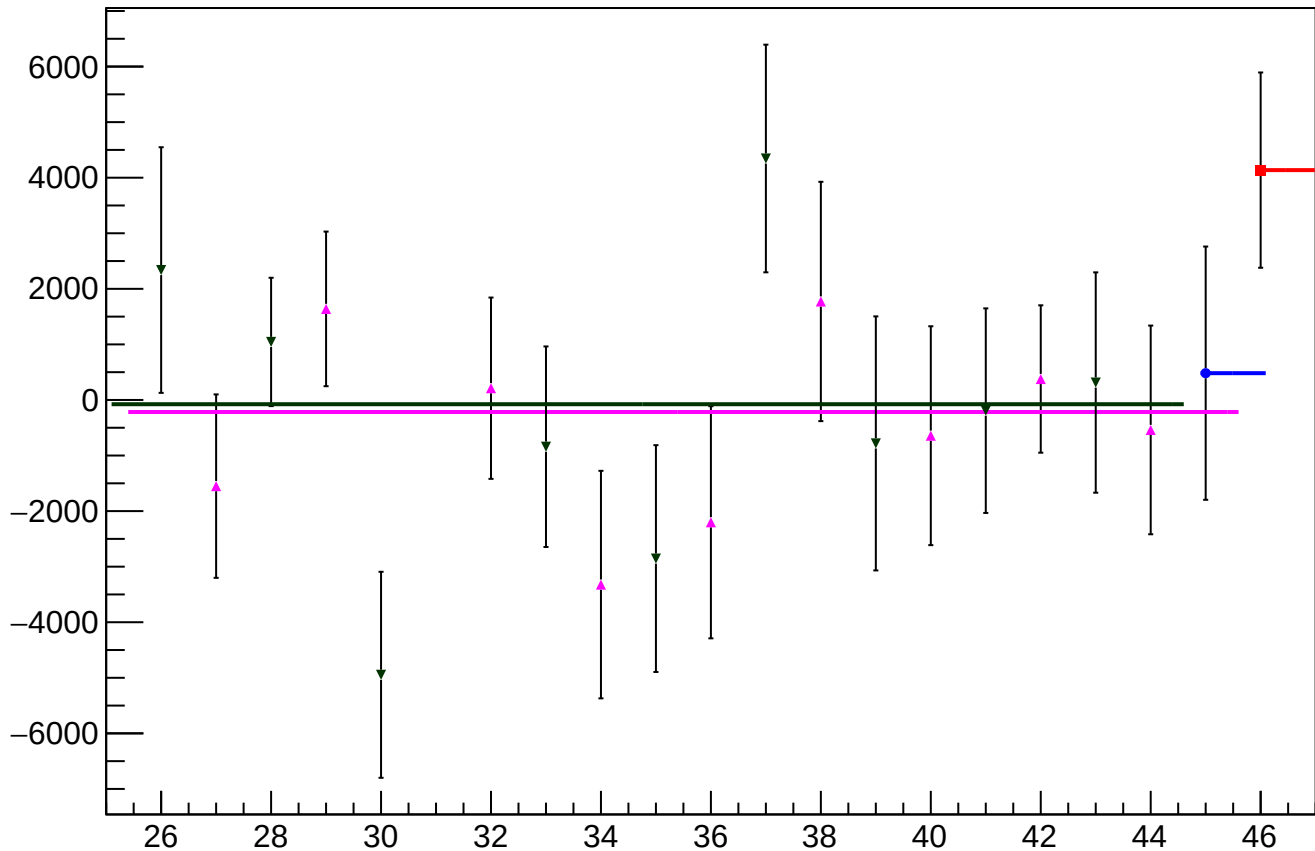
Right Out: 2079.640+/-2.298 χ^2/NDF : 0.0/0

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

1834.092+/-0.545 χ^2/NDF : 210950.8/10

1828.069+/-0.531 χ^2/NDF : 133730.0/9

asym_sam1_mean vs slug



Right In: 482.226 $\pm$ 2278.801 χ^2 /NDF: 0.0/0

Left Out: -76.487 $\pm$ 600.613 χ^2 /NDF:15.9/8

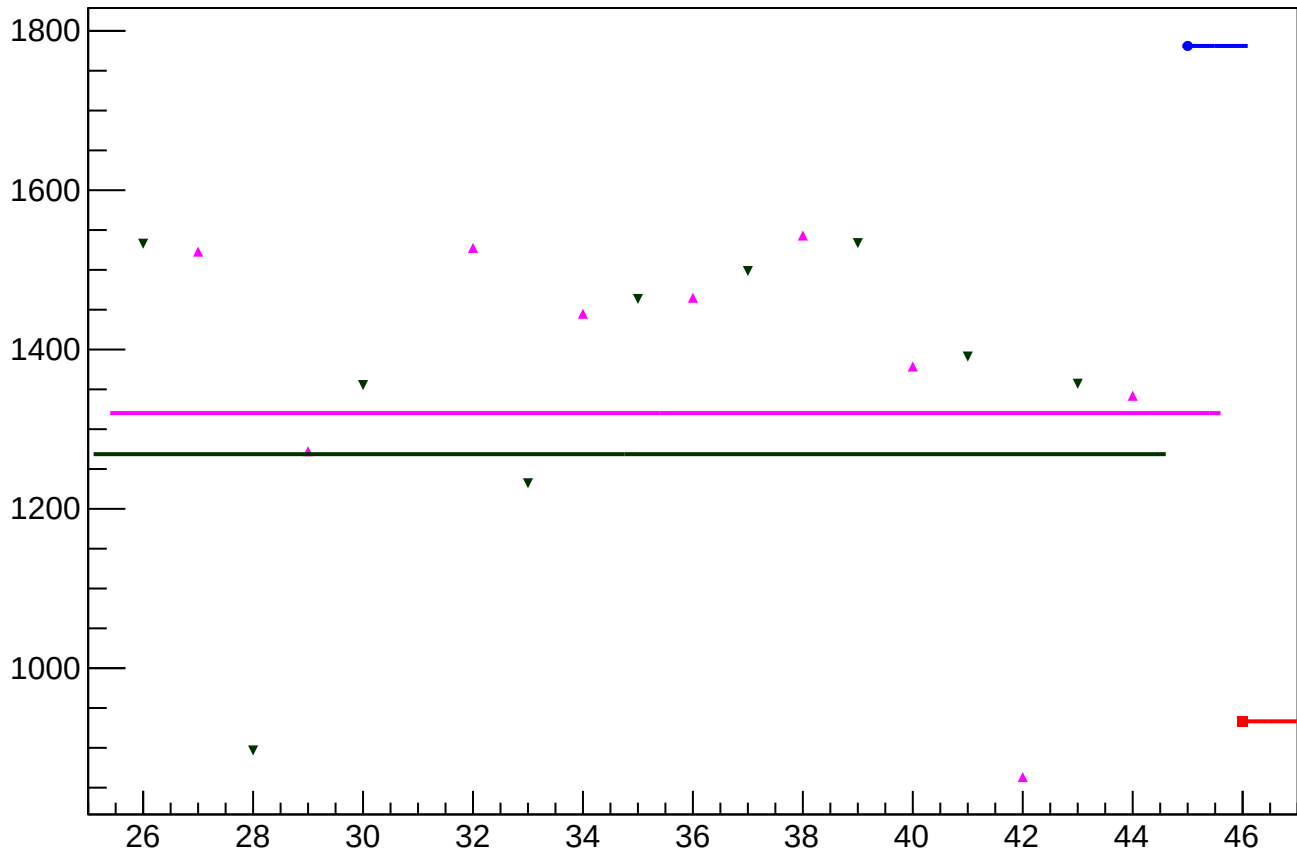
-40.196 $\pm$ 580.779 χ^2 /NDF: 15.9/9

Right Out: 4136.402 $\pm$ 1757.159 χ^2 /NDF: 0.0/0

200.717 $\pm$ 544.207 χ^2 /NDF: 12.4/9

Left In: -216.843 $\pm$ 572.349 χ^2 /NDF:6.8/8

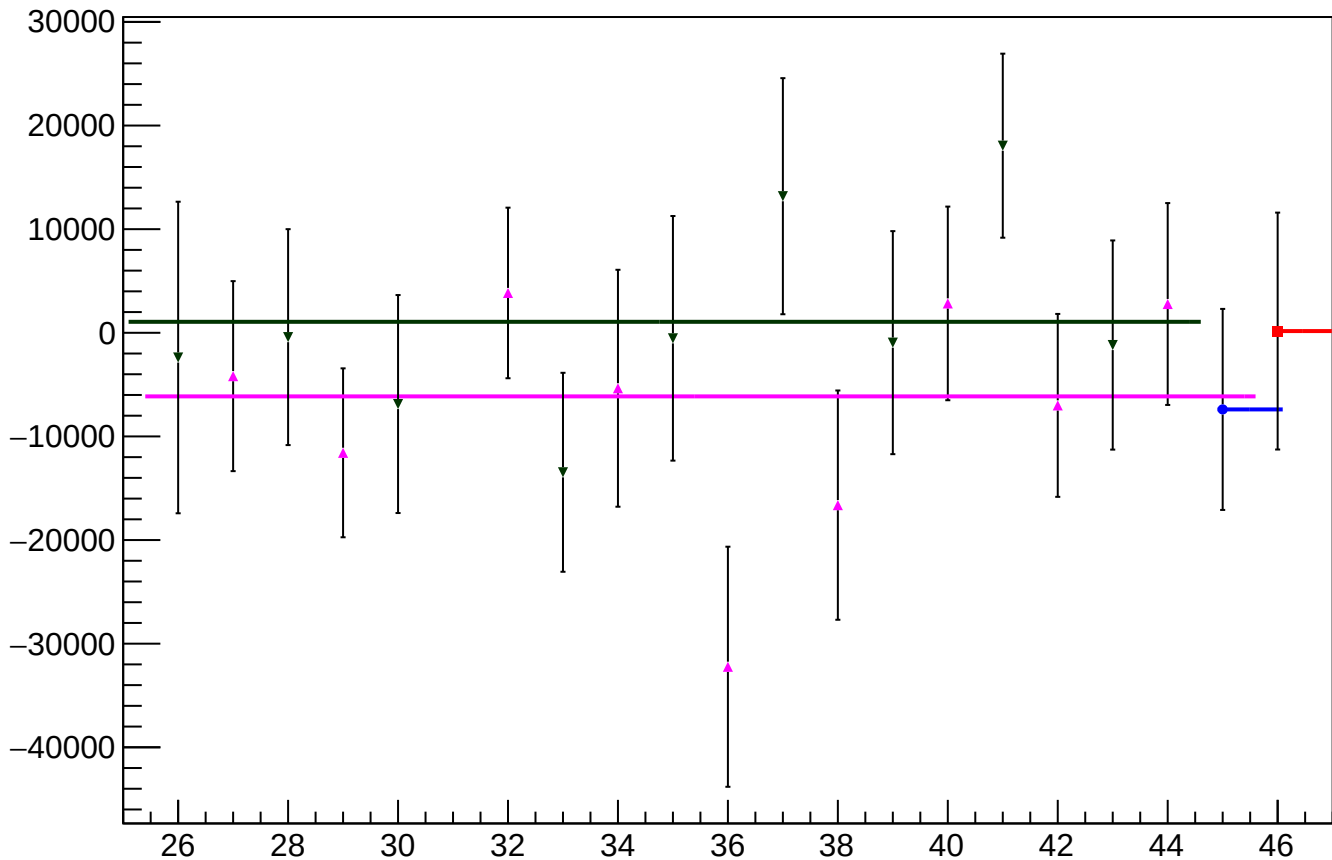
asym_sam1_rms vs slug



Right In: 1781.099+/-1.611 χ^2/NDF : 0.0/0
 Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8
 Right Out: 933.263+/-1.242 χ^2/NDF : 0.0/0
 Left In: 1320.223+/-0.405 χ^2/NDF : 342759.8/8

1301.943+/-0.411 χ^2/NDF : 418965.6/9
 1283.106+/-0.385 χ^2/NDF : 430449.3/9

asym_sam2_mean vs slug



Right In: -7394.403+/-9699.887 χ^2/NDF : 0.0/0

Left Out: 1060.376+/-3545.636 χ^2/NDF : 7.8/8

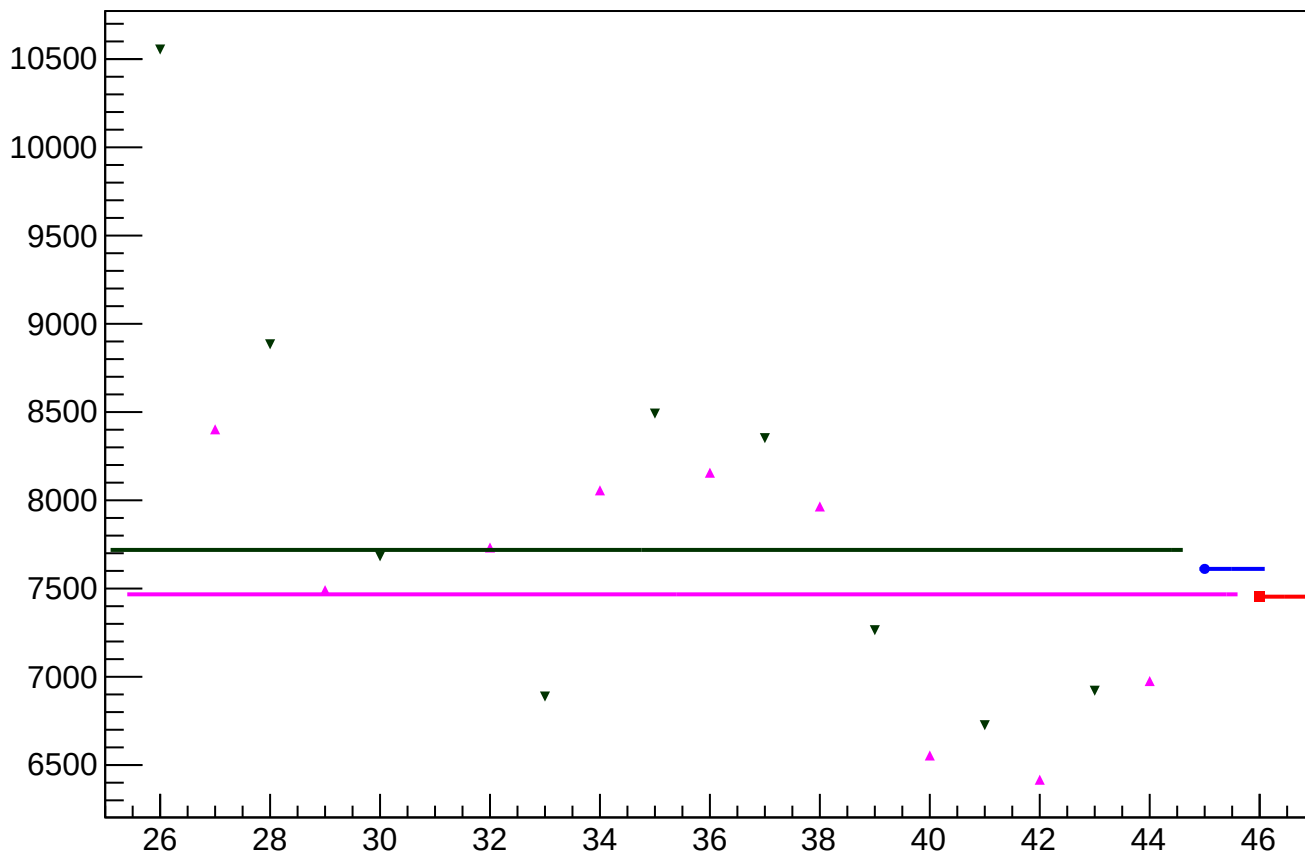
63.843+/-3330.132 χ^2/NDF : 8.5/9

Right Out: 166.755+/-11430.794 χ^2/NDF : 0.0/0

Left In: -6136.125+/-3165.179 χ^2/NDF : 9.7/8

-5687.278+/-3050.396 χ^2/NDF : 10.0/9

asym_sam2_rms vs slug



Right In: 7611.411+/-6.859 χ^2/NDF : 0.0/0

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

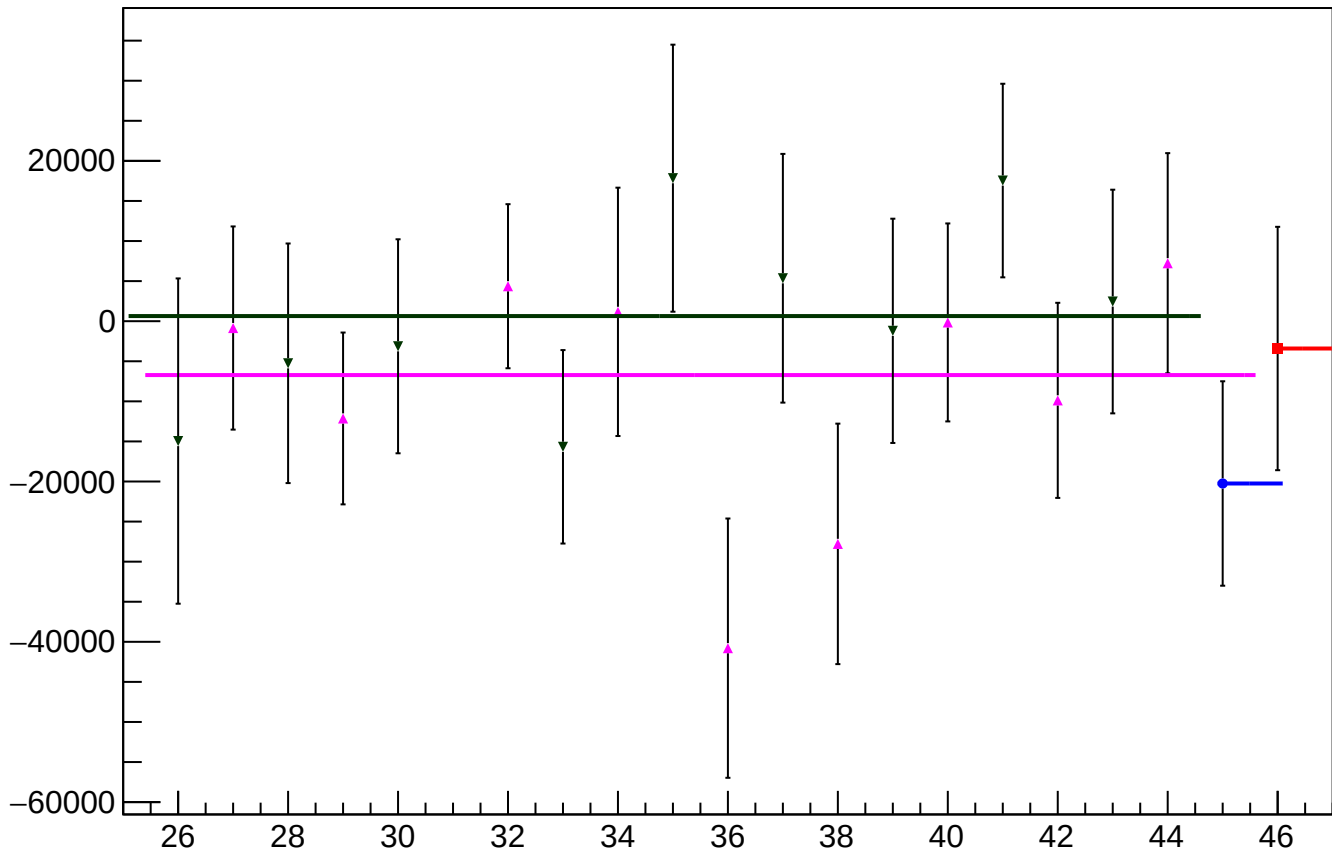
Right Out: 7454.048+/-8.083 χ^2/NDF : 0.0/0

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7706.239+/-2.355 χ^2/NDF : 167201.9/9

7466.253+/-2.157 χ^2/NDF : 91851.1/9

asym_sam3_mean vs slug



Right In: -20248.607+/-12752.267 χ^2 /NDF: 0.0/0

Left Out: 639.789+/-4753.910 χ^2 /NDF: 5.8/8

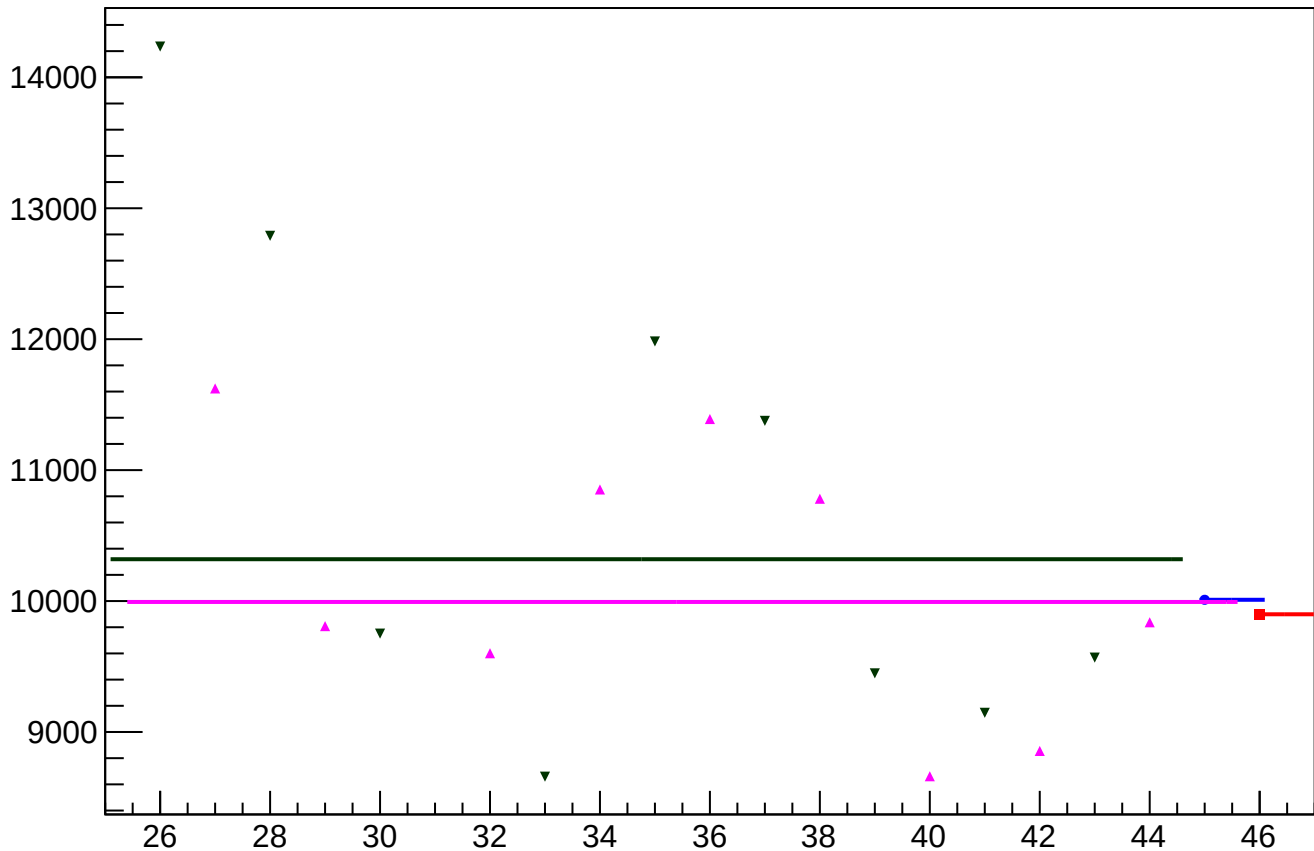
-1908.913+/-4454.453 χ^2 /NDF: 8.2/9

Right Out: -3407.870+/-15181.110 χ^2 /NDF: 0.0/0

-6481.485+/-4087.330 χ^2 /NDF: 9.7/9

Left In: -6721.702+/-4244.047 χ^2 /NDF: 9.7/8

asym_sam3_rms vs slug



Right In: 10009.717+/-9.017 χ^2/NDF : 0.0/0

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

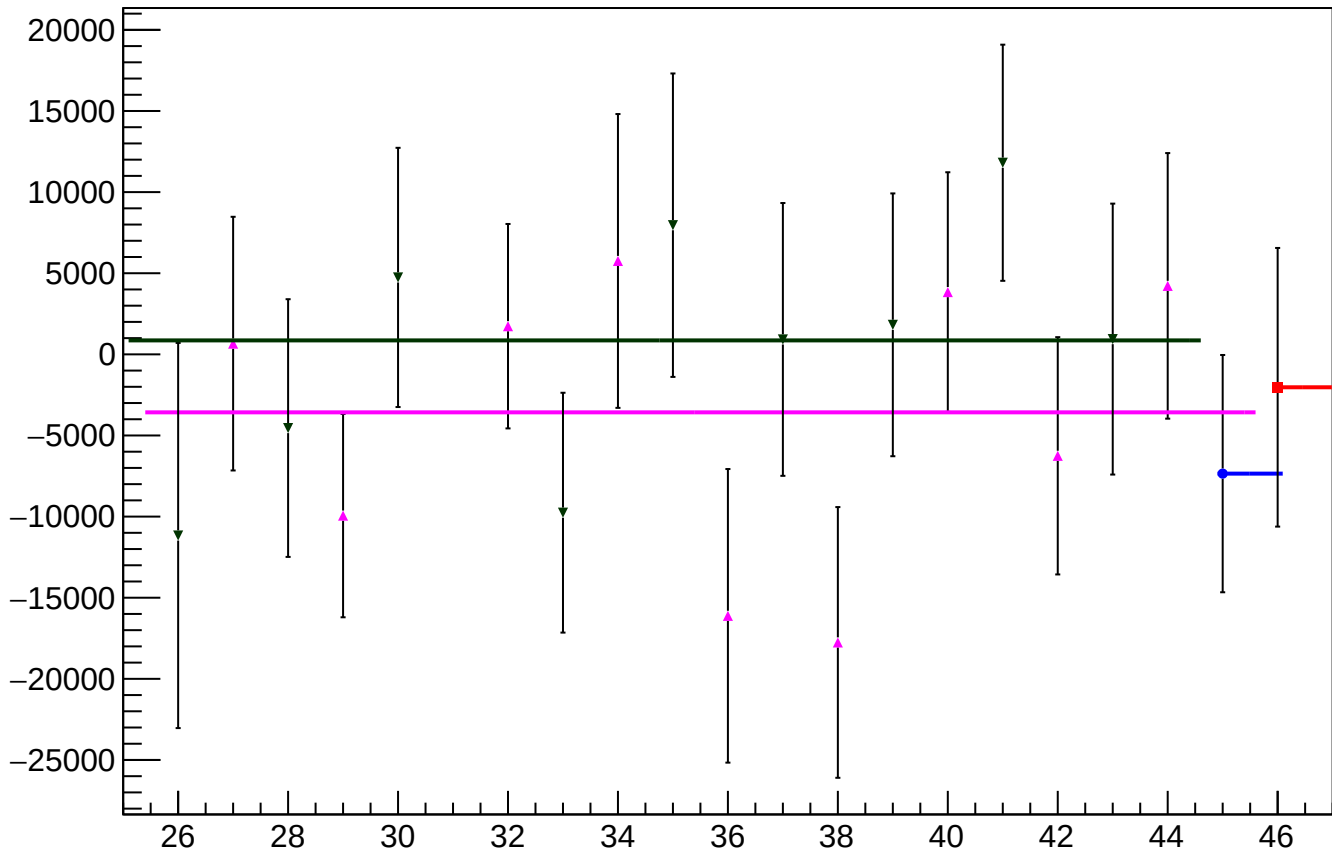
10281.724+/-3.150 χ^2/NDF : 233308.6/9

Right Out: 9899.014+/-10.735 χ^2/NDF : 0.0/0

9986.294+/-2.890 χ^2/NDF : 104282.7/9

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -7351.668+/-7312.766 χ^2/NDF : 0.0/0

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

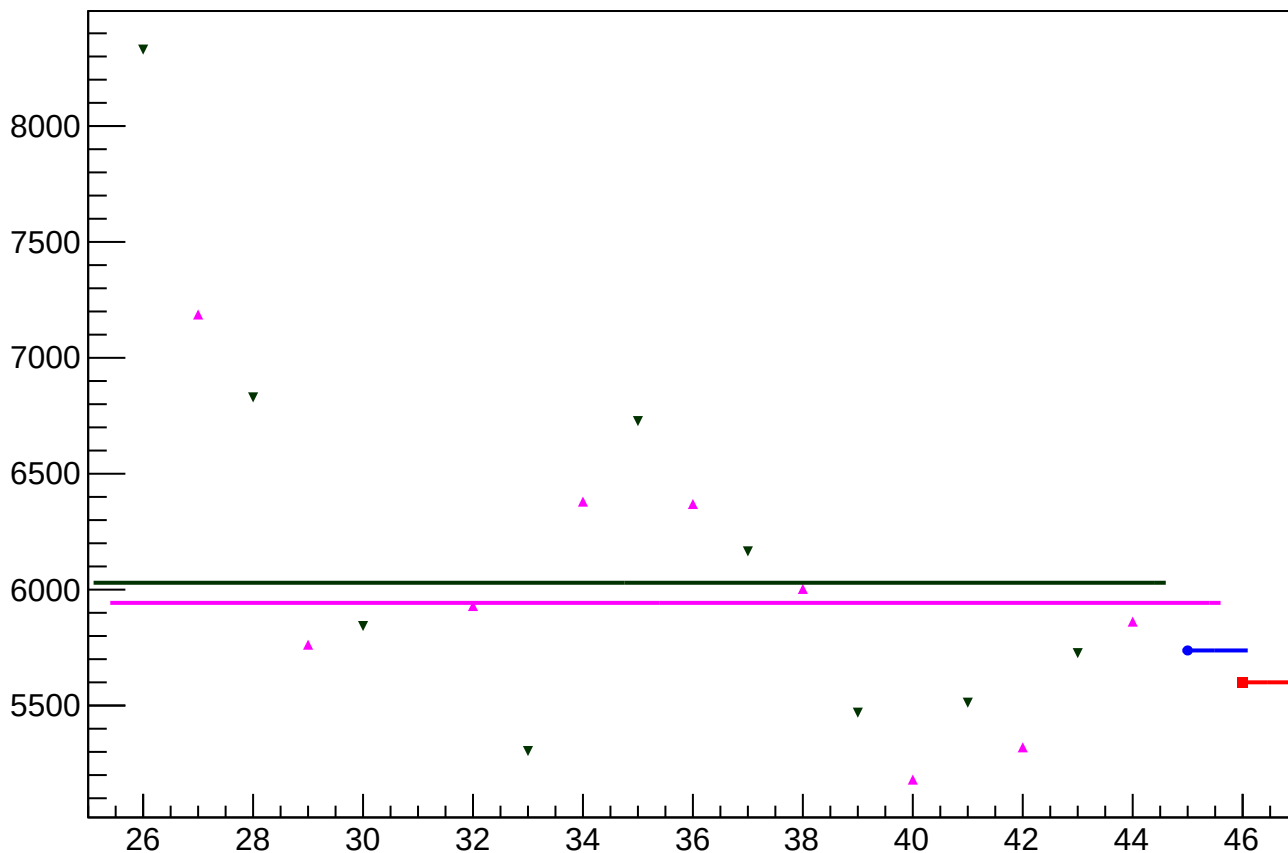
-165.689+/-2584.763 χ^2/NDF : 7.7/9

Right Out: -2029.629+/-8587.694 χ^2/NDF : 0.0/0

-3452.093+/-2416.031 χ^2/NDF : 10.0/9

Left In: -3574.359+/-2517.724 χ^2/NDF : 10.0/8

asym_sam4_rms vs slug



Right In: 5737.601+/-5.171 χ^2/NDF : 0.0/0

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

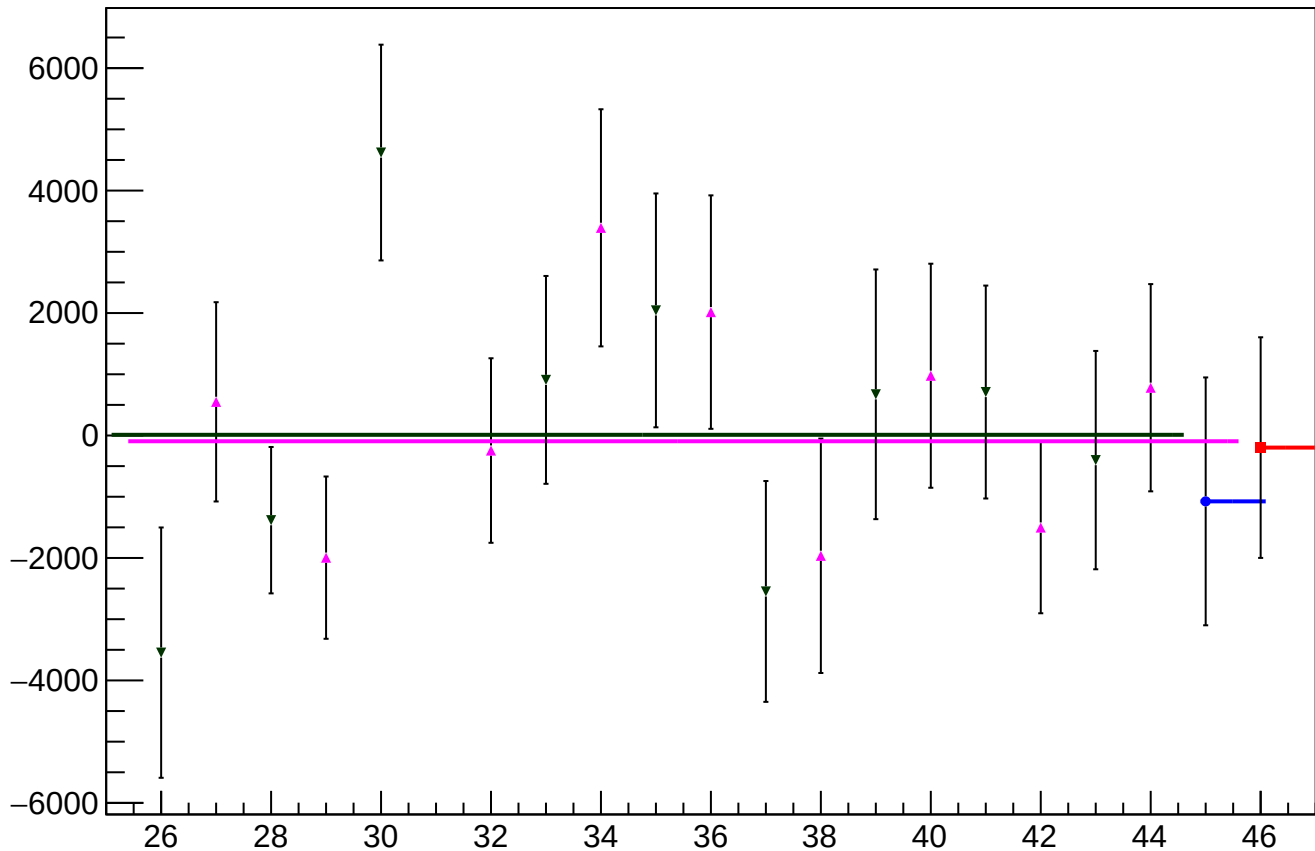
Right Out: 5600.130+/-6.072 χ^2/NDF : 0.0/0

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5993.210+/-1.828 χ^2/NDF : 152531.3/9

5915.755+/-1.708 χ^2/NDF : 100488.1/9

asym_sam5_mean vs slug



Right In: -1075.564+/-2023.955 χ^2 /NDF: 0.0/0

Left Out: 11.403+/-570.182 χ^2 /NDF:15.0/8

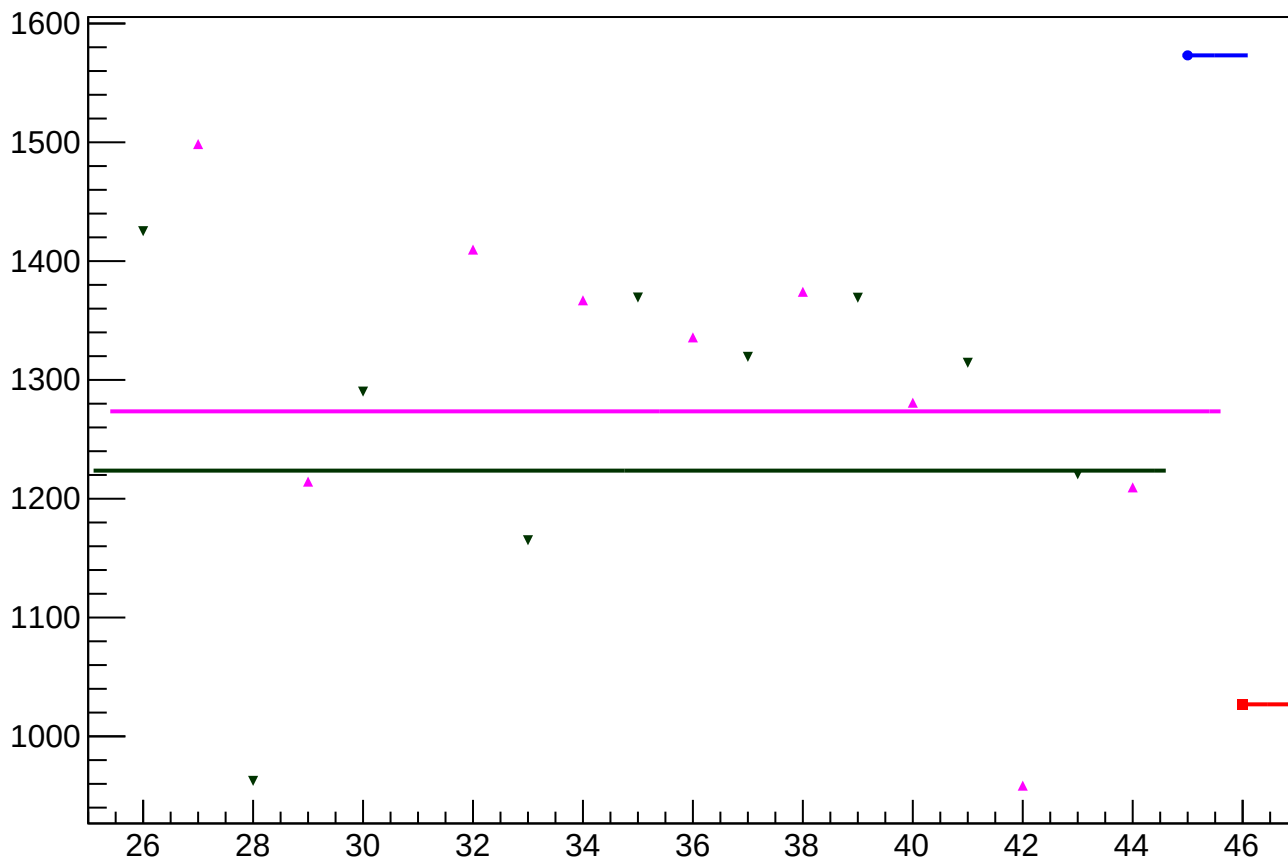
-68.521+/-548.819 χ^2 /NDF: 15.2/9

Right Out: -197.446+/-1801.617 χ^2 /NDF: 0.0/0

-102.645+/-522.121 χ^2 /NDF: 9.3/9

Left In: -93.953+/-545.533 χ^2 /NDF:9.3/8

asym_sam5_rms vs slug



Right In: 1573.173+/-1.431 χ^2/NDF : 0.0/0

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

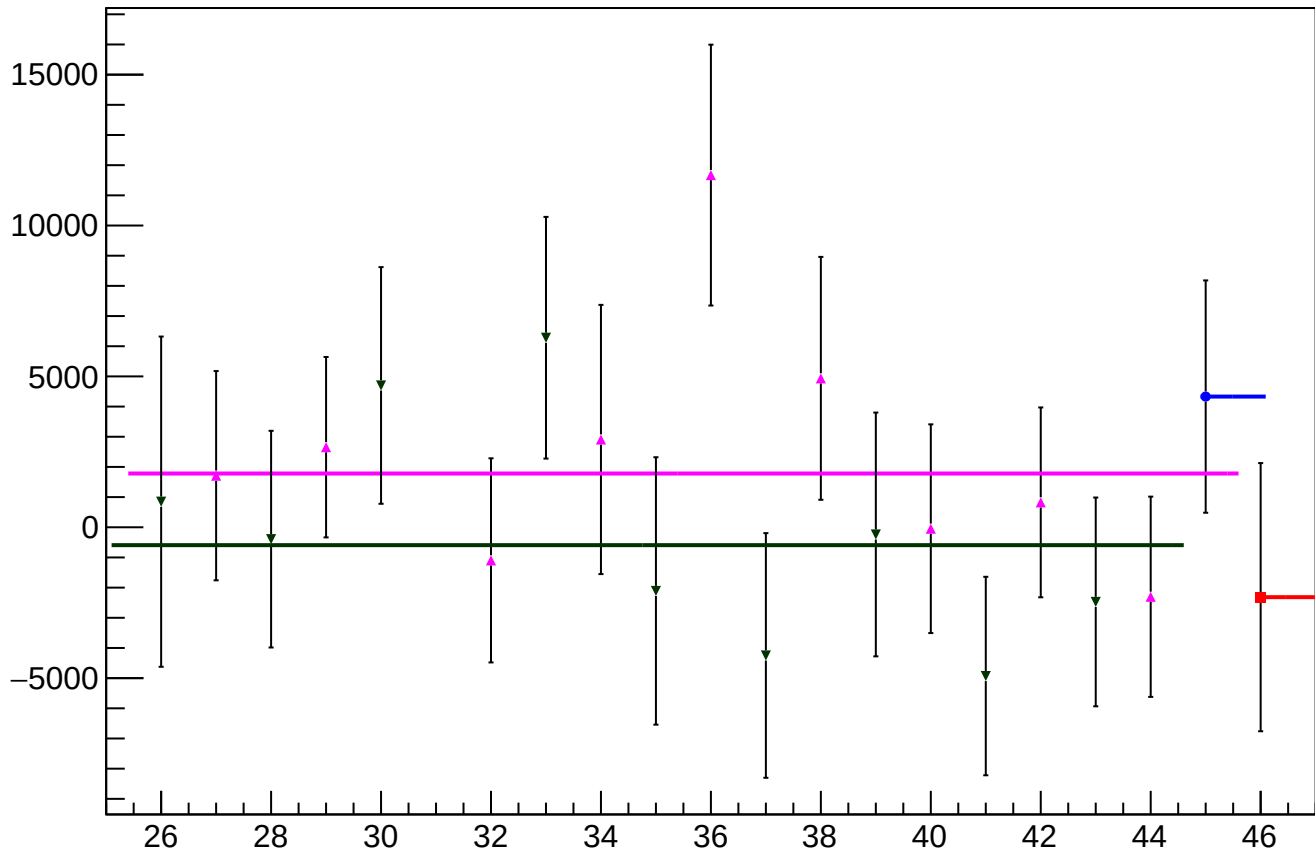
Right Out: 1026.938+/-1.274 χ^2/NDF : 0.0/0

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1249.357+/-0.388 χ^2/NDF : 208294.4/9

1252.829+/-0.369 χ^2/NDF : 209316.7/9

asym_sam6_mean vs slug



Right In: 4331.335+/-3849.453 χ^2/NDF : 0.0/0

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

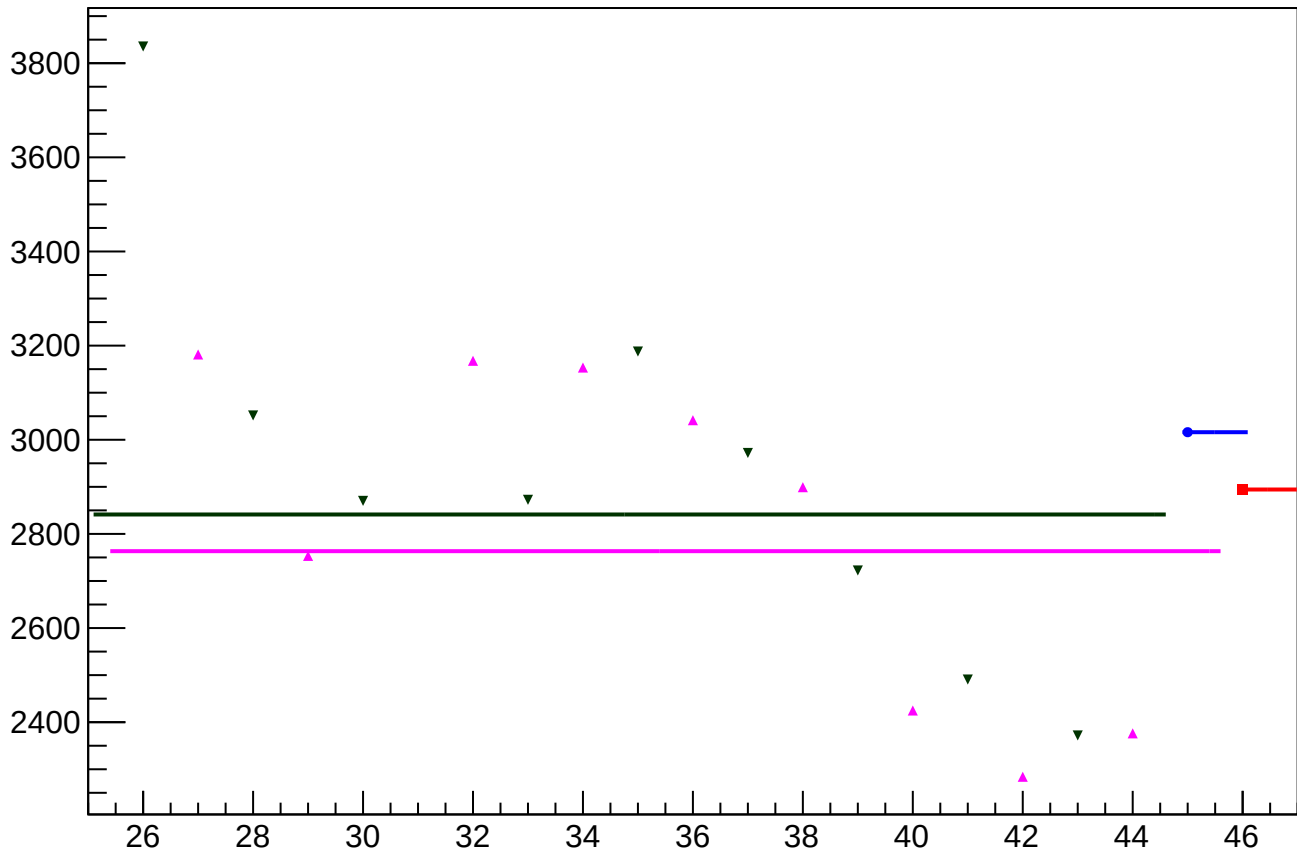
Right Out: -2316.156+/-4443.603 χ^2/NDF : 0.0/0

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

-85.163+/-1235.697 χ^2/NDF : 9.3/9

1513.898+/-1136.600 χ^2/NDF : 9.4/9

asym_sam6_rms vs slug



Right In: 3016.077 ± 2.722 χ^2/NDF : 0.0/0

Left Out: 2841.264 ± 0.923 χ^2/NDF : 148700.6/8

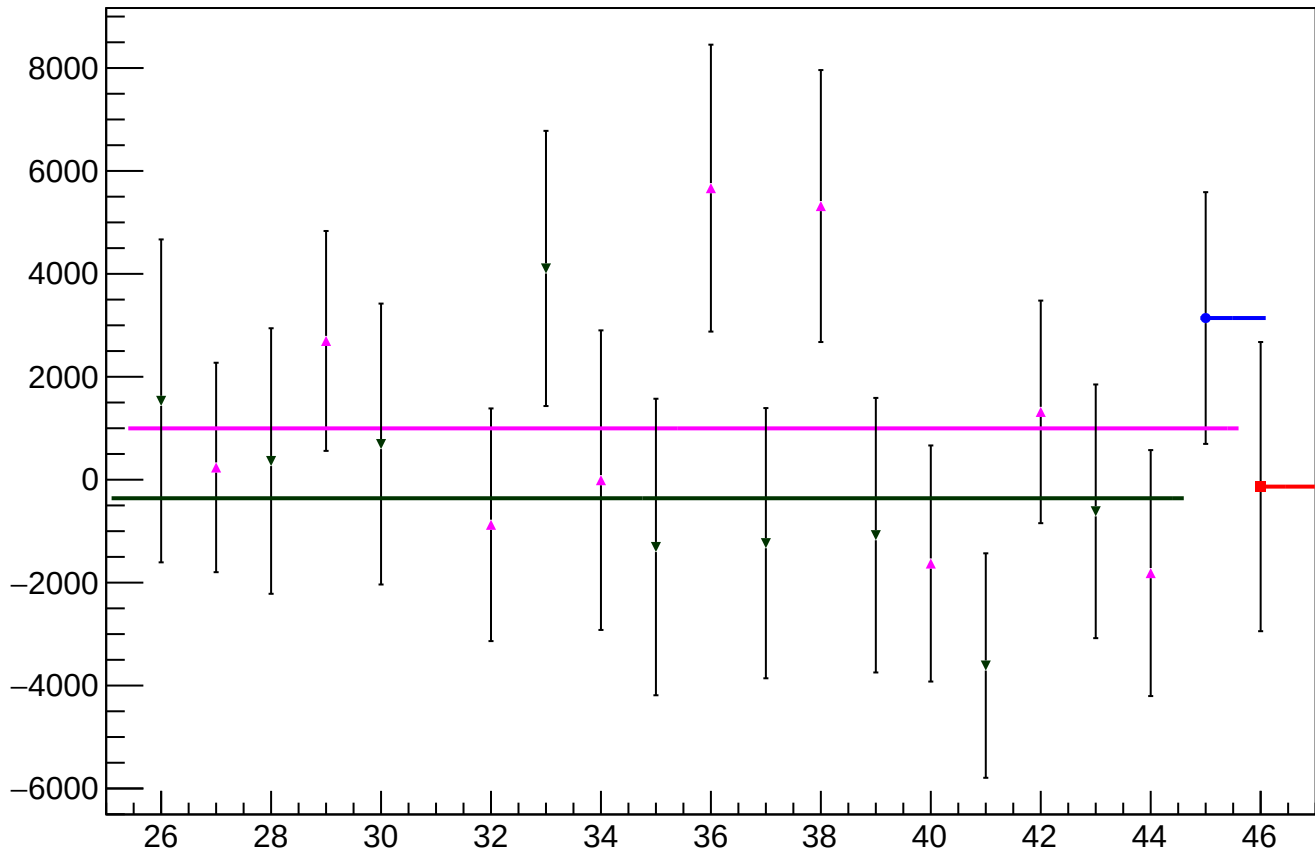
Right Out: 2894.331 ± 3.142 χ^2/NDF : 0.0/0

Left In: 2763.332 ± 0.831 χ^2/NDF : 176305.8/8

2859.278 ± 0.874 χ^2/NDF : 152400.2/9

2771.903 ± 0.804 χ^2/NDF : 177930.2/9

asym_sam7_mean vs slug



Right In: 3141.733+/-2445.875 χ^2/NDF : 0.0/0

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

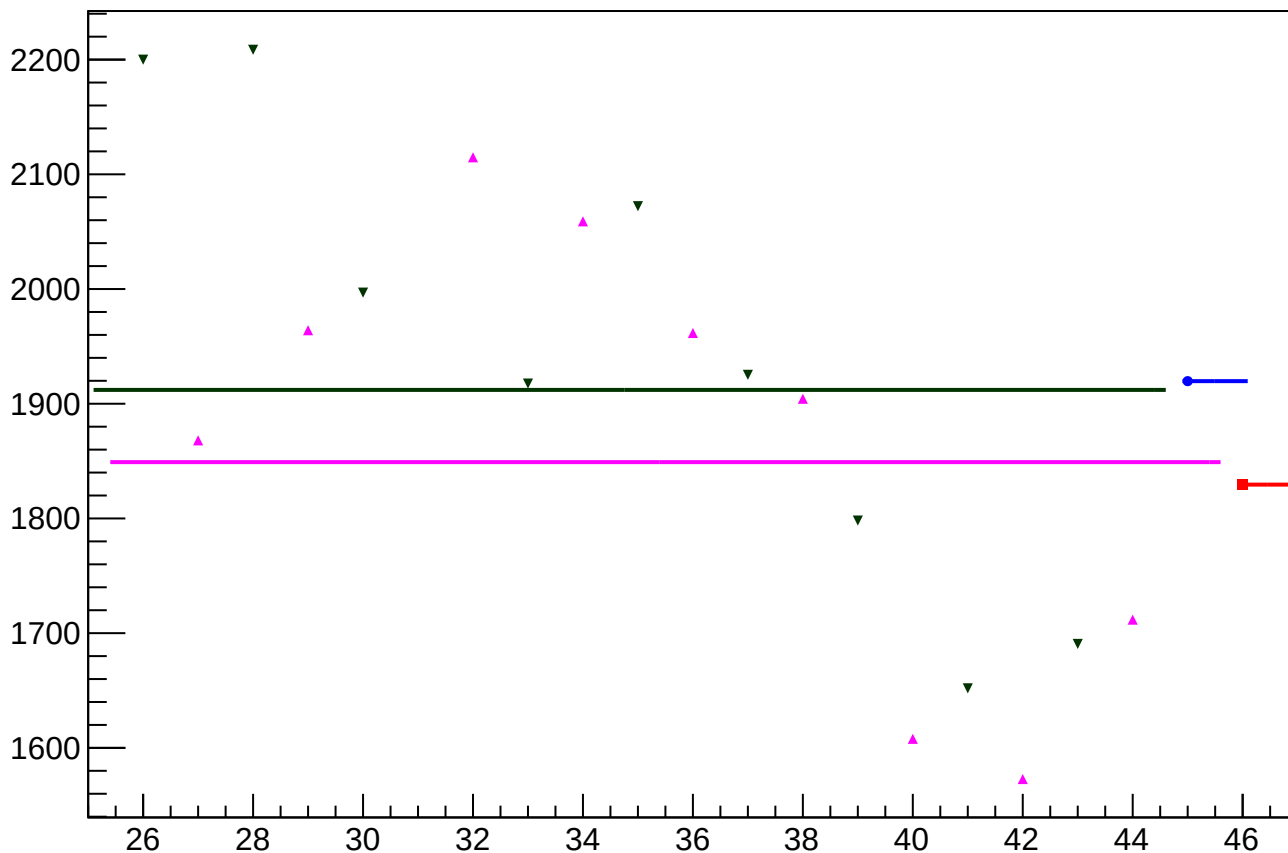
Right Out: -134.157+/-2809.686 χ^2/NDF : 0.0/0

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

36.889+/-823.670 χ^2/NDF : 7.7/9

915.638+/-755.547 χ^2/NDF : 9.9/9

asym_sam7_rms vs slug



Right In: 1919.701 ± 1.729 χ^2/NDF : 0.0/0

Left Out: 1912.062 ± 0.619 χ^2/NDF : 99663.2/8

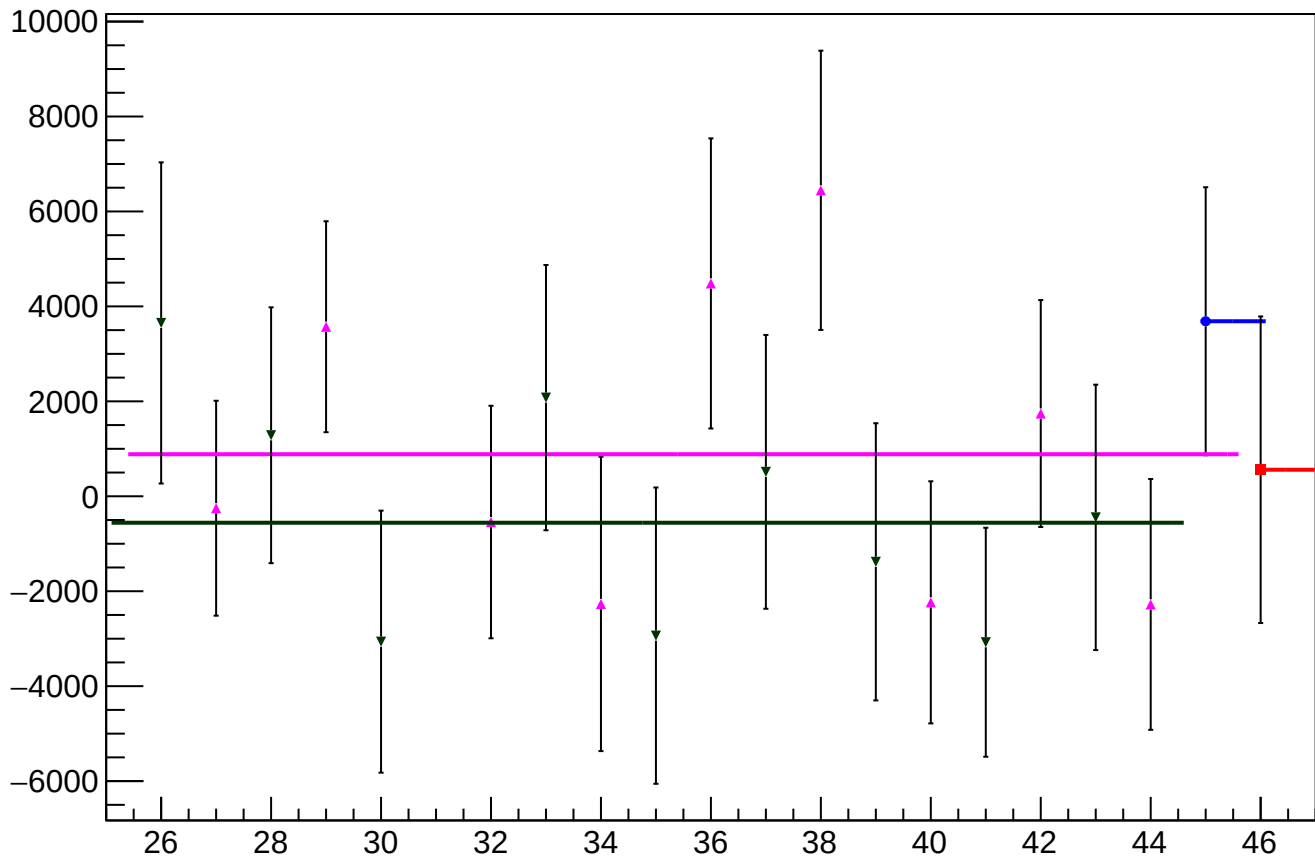
Right Out: 1829.497 ± 1.987 χ^2/NDF : 0.0/0

Left In: 1849.099 ± 0.555 χ^2/NDF : 109500.6/8

1912.929 ± 0.582 χ^2/NDF : 99680.5/9

1847.682 ± 0.534 χ^2/NDF : 109590.9/9

asym_sam8_mean vs slug



Right In: 3687.145+/-2823.247 χ^2/NDF : 0.0/0

Left Out: -557.273+/-942.969 χ^2/NDF : 5.6/8

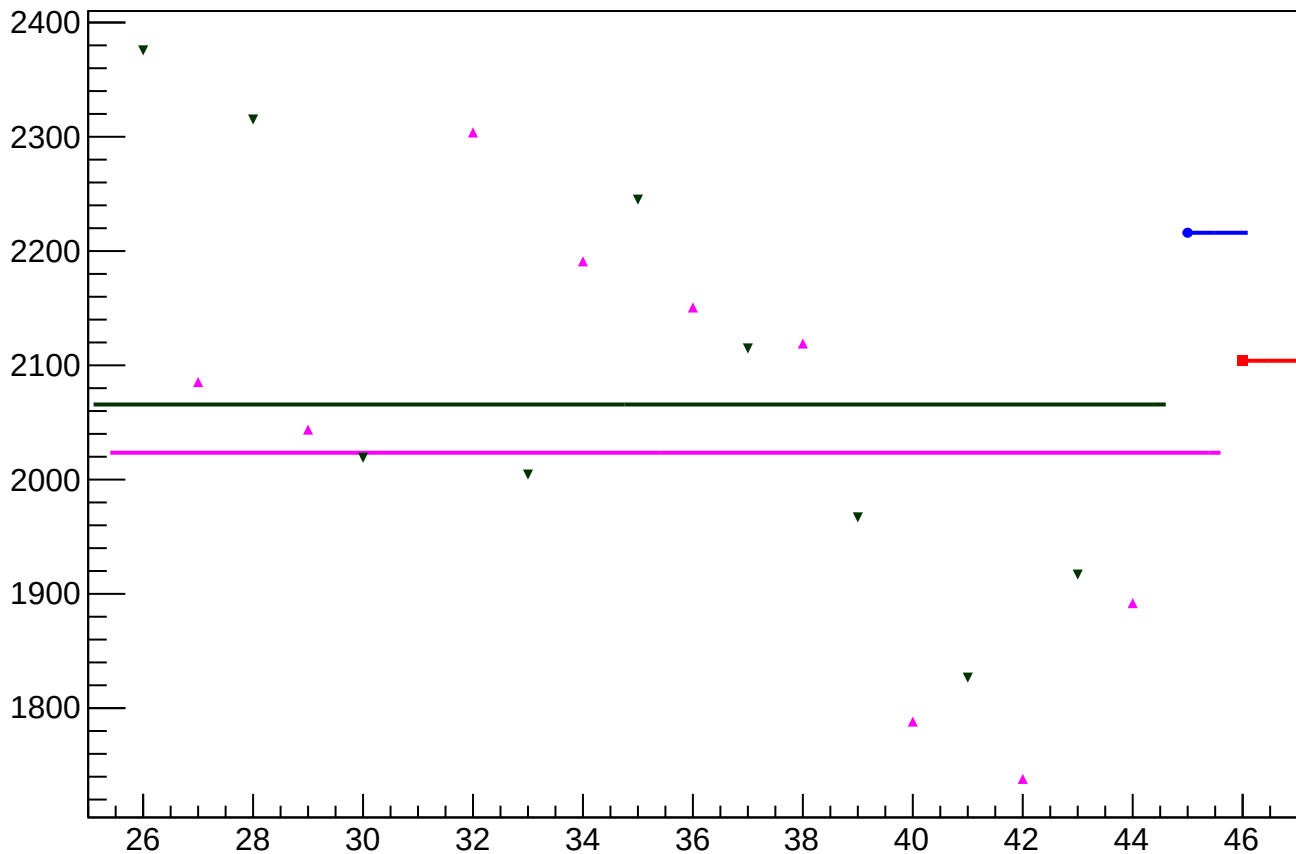
-131.299+/-894.399 χ^2/NDF : 7.7/9

Right Out: 559.022+/-3228.976 χ^2/NDF : 0.0/0

864.656+/-827.814 χ^2/NDF : 11.1/9

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

asym_sam8_rms vs slug



Right In: 2216.013+/-1.996 χ^2/NDF : 0.0/0

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

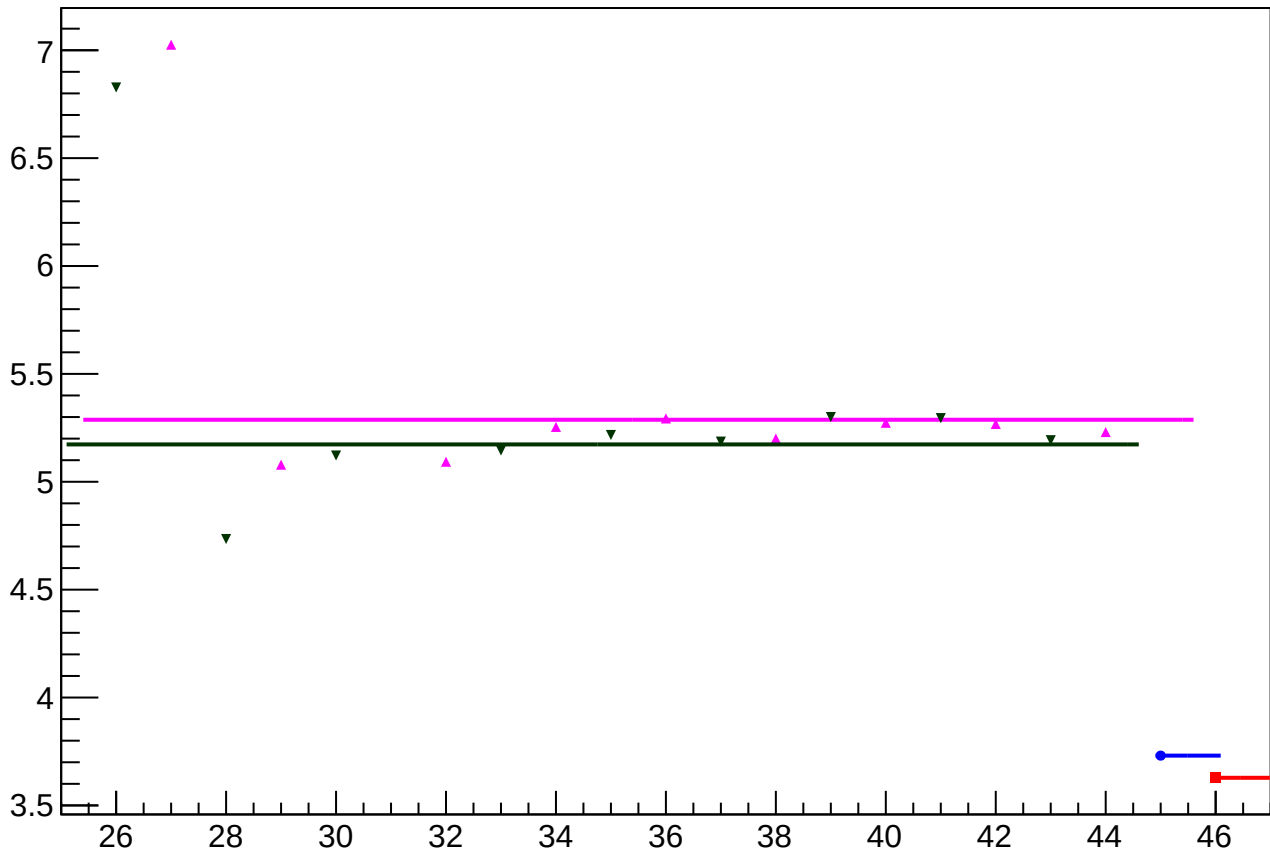
Right Out: 2104.017+/-2.283 χ^2/NDF : 0.0/0

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2080.813+/-0.632 χ^2/NDF : 75329.9/9

2028.809+/-0.585 χ^2/NDF : 90937.0/9

yield_sam1_mean vs slug



Right In: 3.731+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5.173+/-0.000 χ^2/NDF : 2171929405.9/8

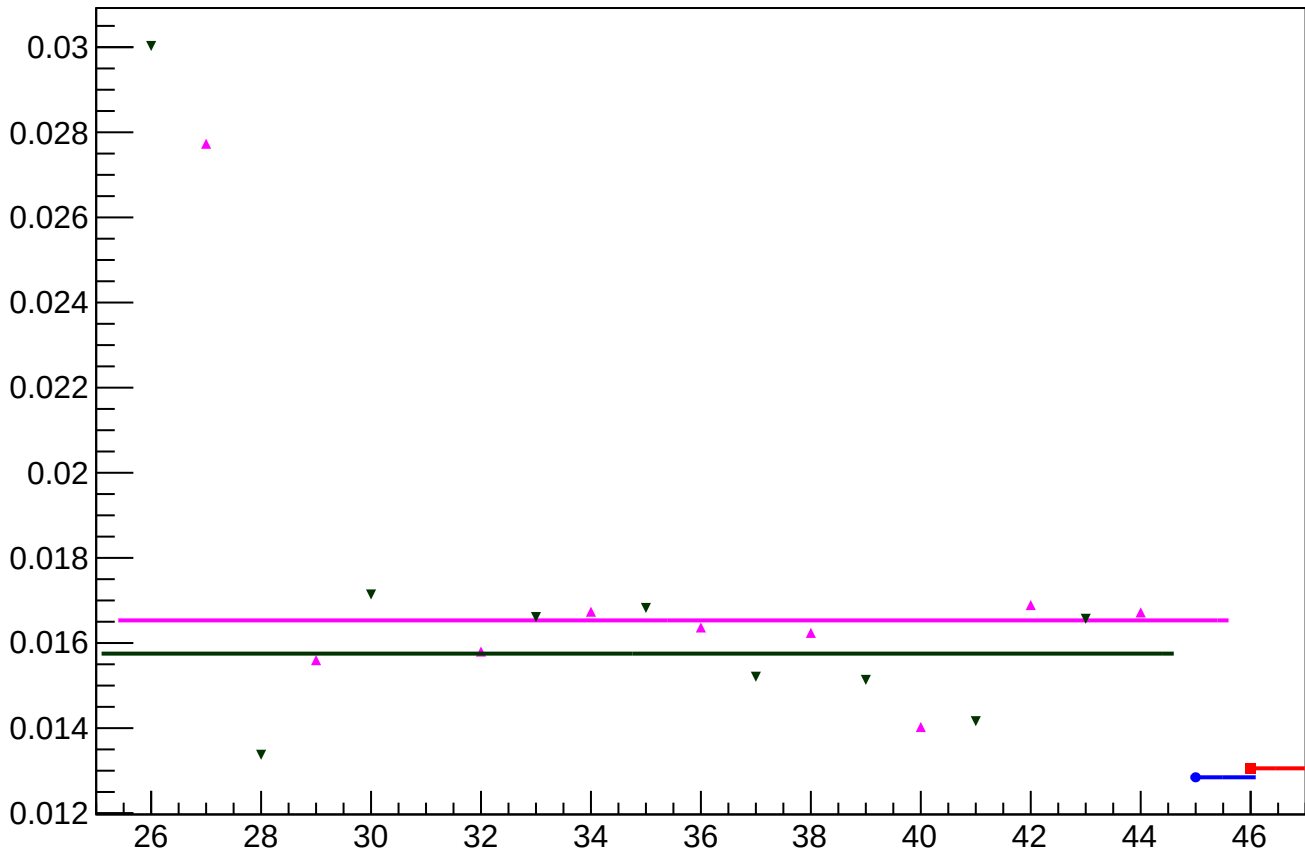
4.932+/-0.000 χ^2/NDF : 8344228886.9/9

Right Out: 3.628+/-0.000 χ^2/NDF : 0.0/0

5.109+/-0.000 χ^2/NDF : 8921381146.6/9

Left In: 5.287+/-0.000 χ^2/NDF : 3281292278.3/8

yield_sam1_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

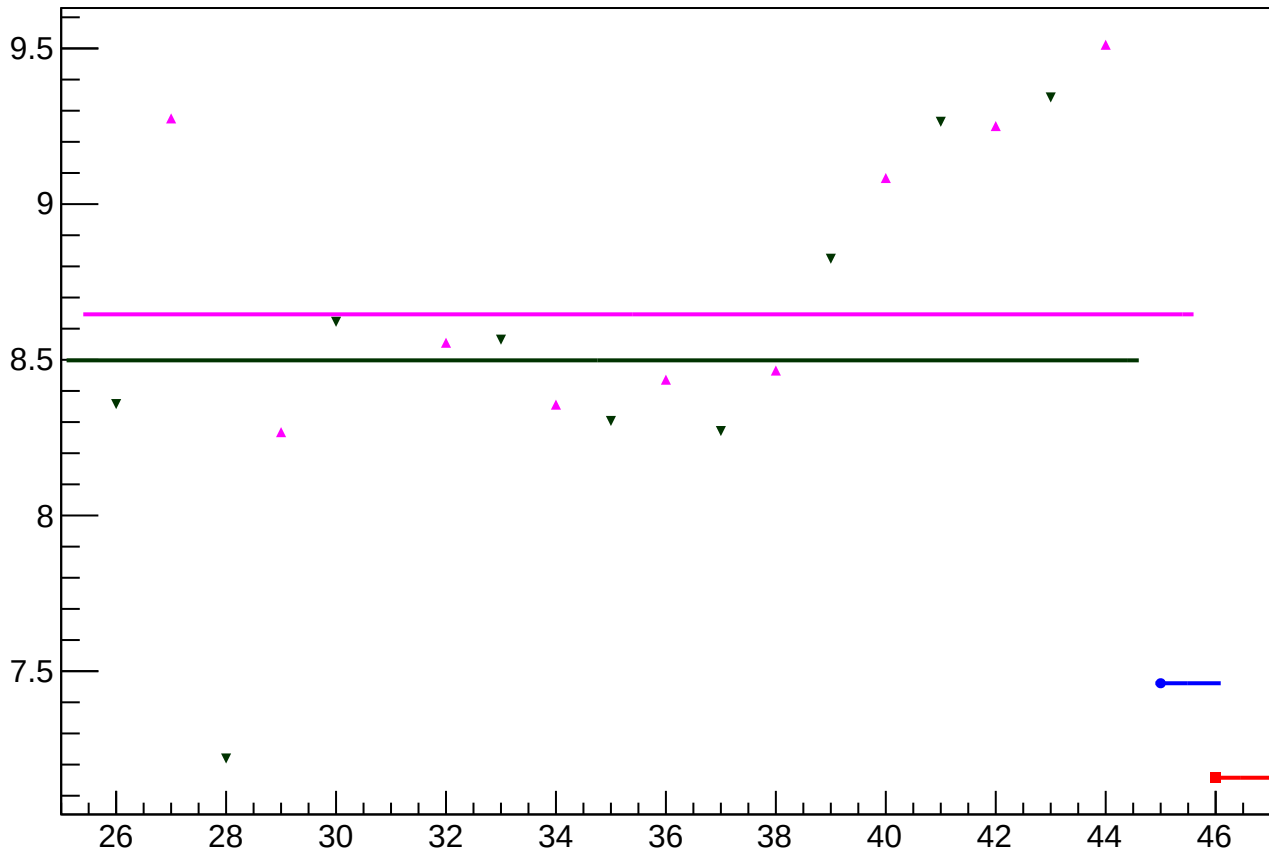
0.015+/-0.000 χ^2/NDF : 336110.5/9

Right Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 338313.0/9

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

yield_sam2_mean vs slug



Right In: 7.461+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.498+/-0.000 χ^2/NDF :85994294.5/8

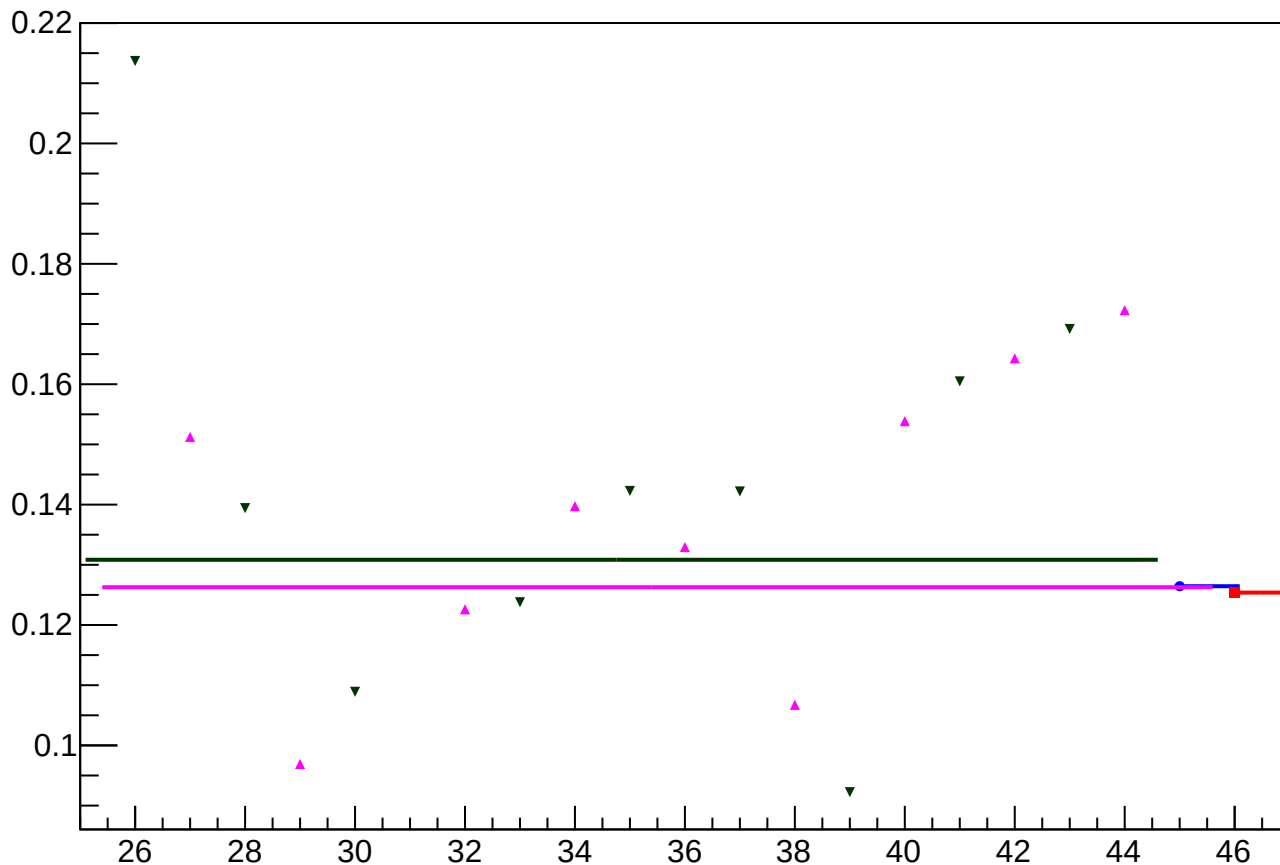
8.370+/-0.000 χ^2/NDF : 119672320.1/9

Right Out: 7.158+/-0.000 χ^2/NDF : 0.0/0

8.542+/-0.000 χ^2/NDF : 103260382.5/9

Left In: 8.646+/-0.000 χ^2/NDF :53836286.5/8

yield_sam2_rms vs slug



Right In: 0.126+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

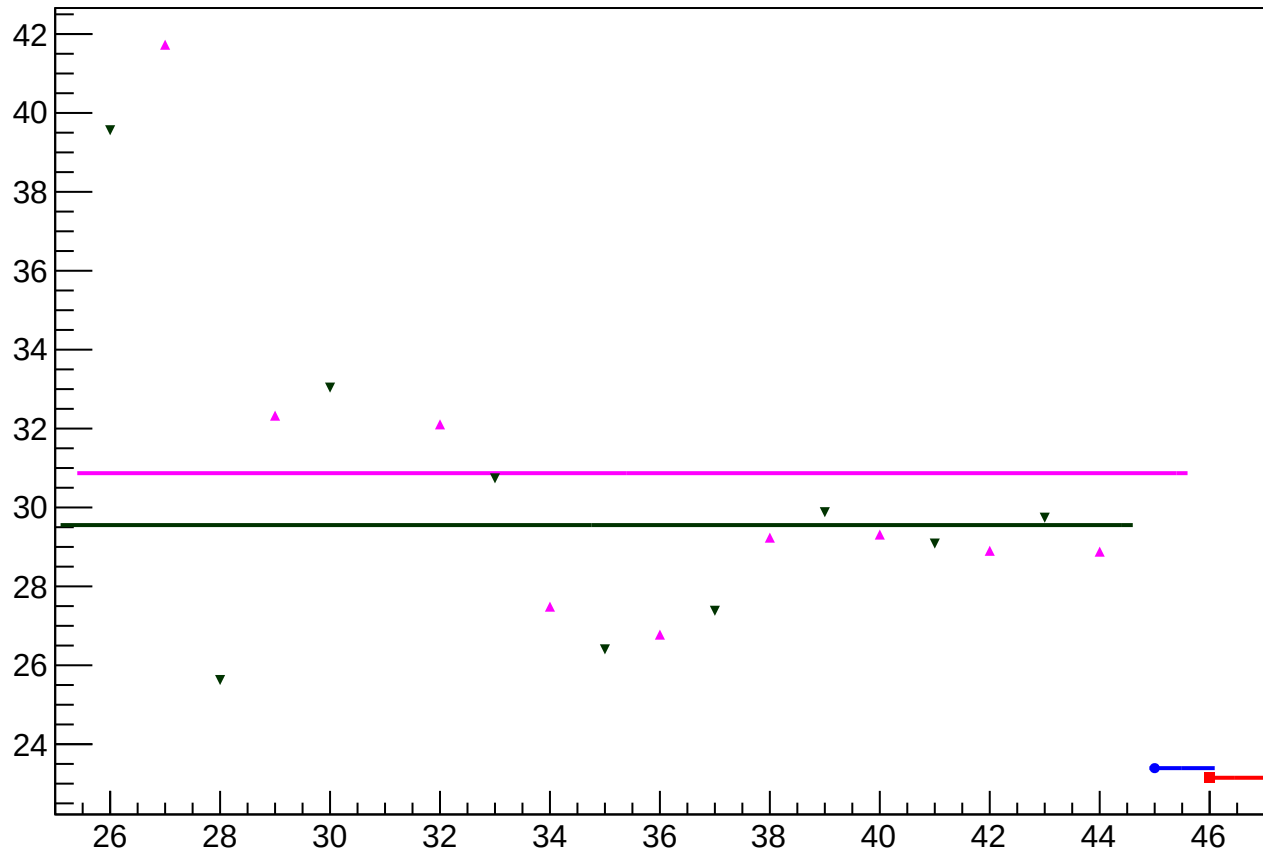
Right Out: 0.125+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

0.130+/-0.000 χ^2/NDF : 436554.1/9

0.126+/-0.000 χ^2/NDF : 385359.5/9

yield_sam3_mean vs slug



Right In: 23.393+/-0.001 χ^2/NDF : 0.0/0

Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

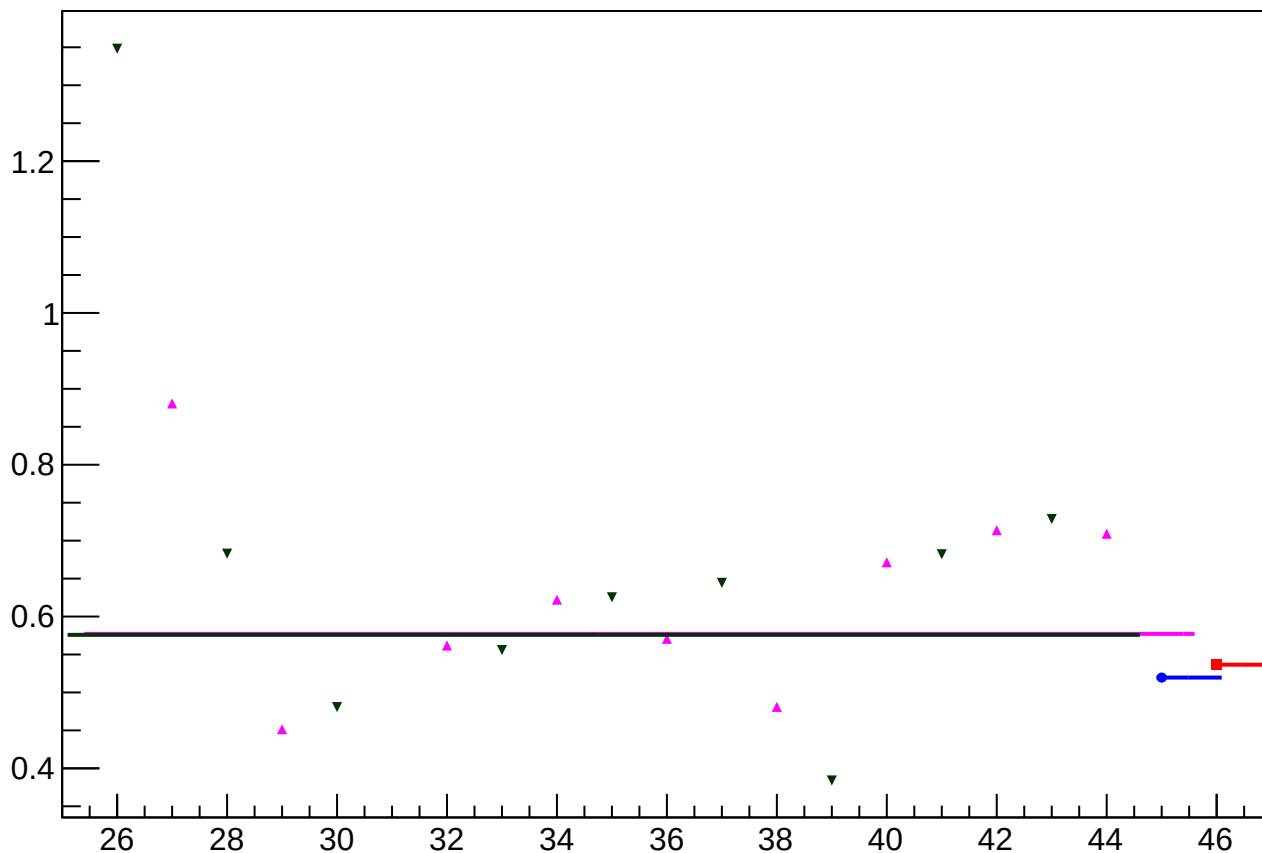
Right Out: 23.149+/-0.001 χ^2/NDF : 0.0/0

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

28.681+/-0.000 χ^2/NDF : 161184247.6/9

30.263+/-0.000 χ^2/NDF : 250002265.2/9

yield_sam3_rms vs slug



Right In: 0.520+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

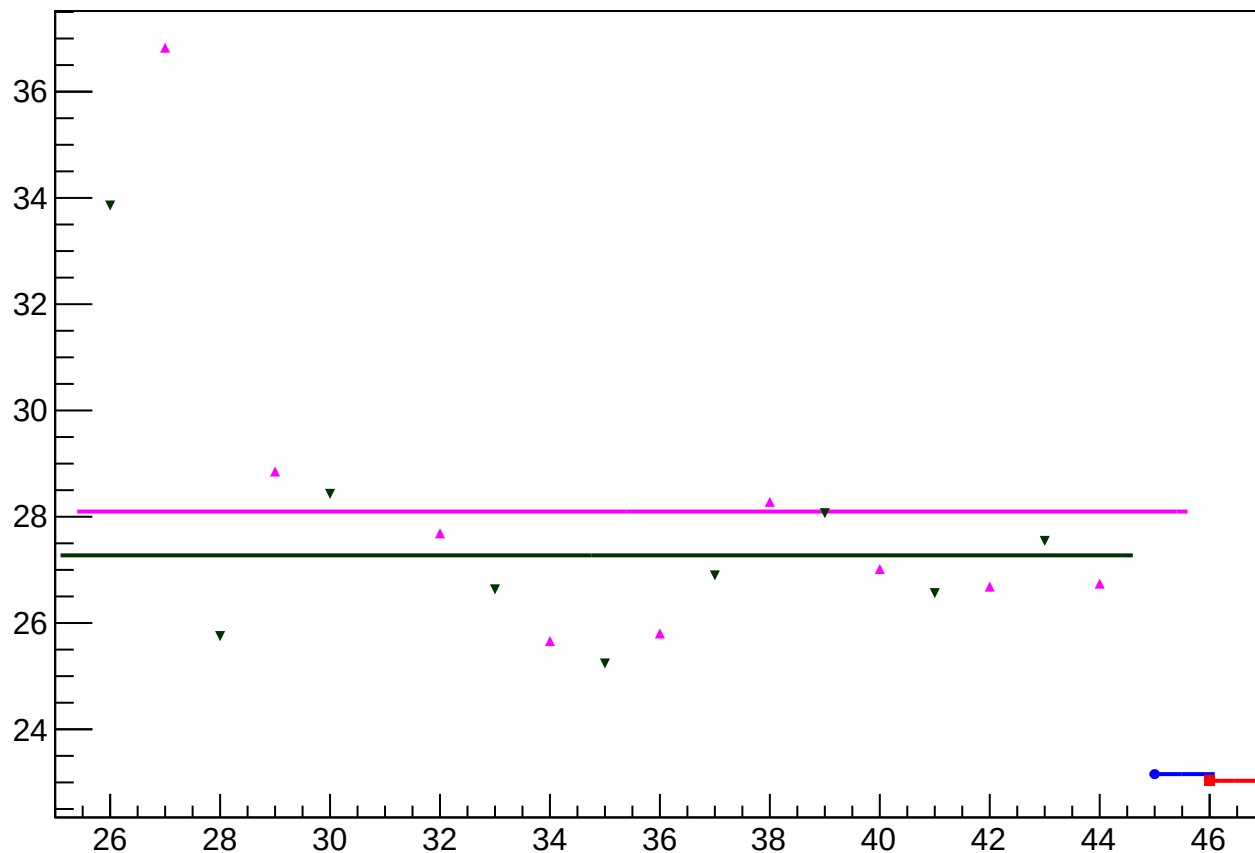
Right Out: 0.537+/-0.001 χ^2/NDF : 0.0/0

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

0.568+/-0.000 χ^2/NDF : 683028.5/9

0.574+/-0.000 χ^2/NDF : 432835.8/9

yield_sam4_mean vs slug



Right In: 23.156+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

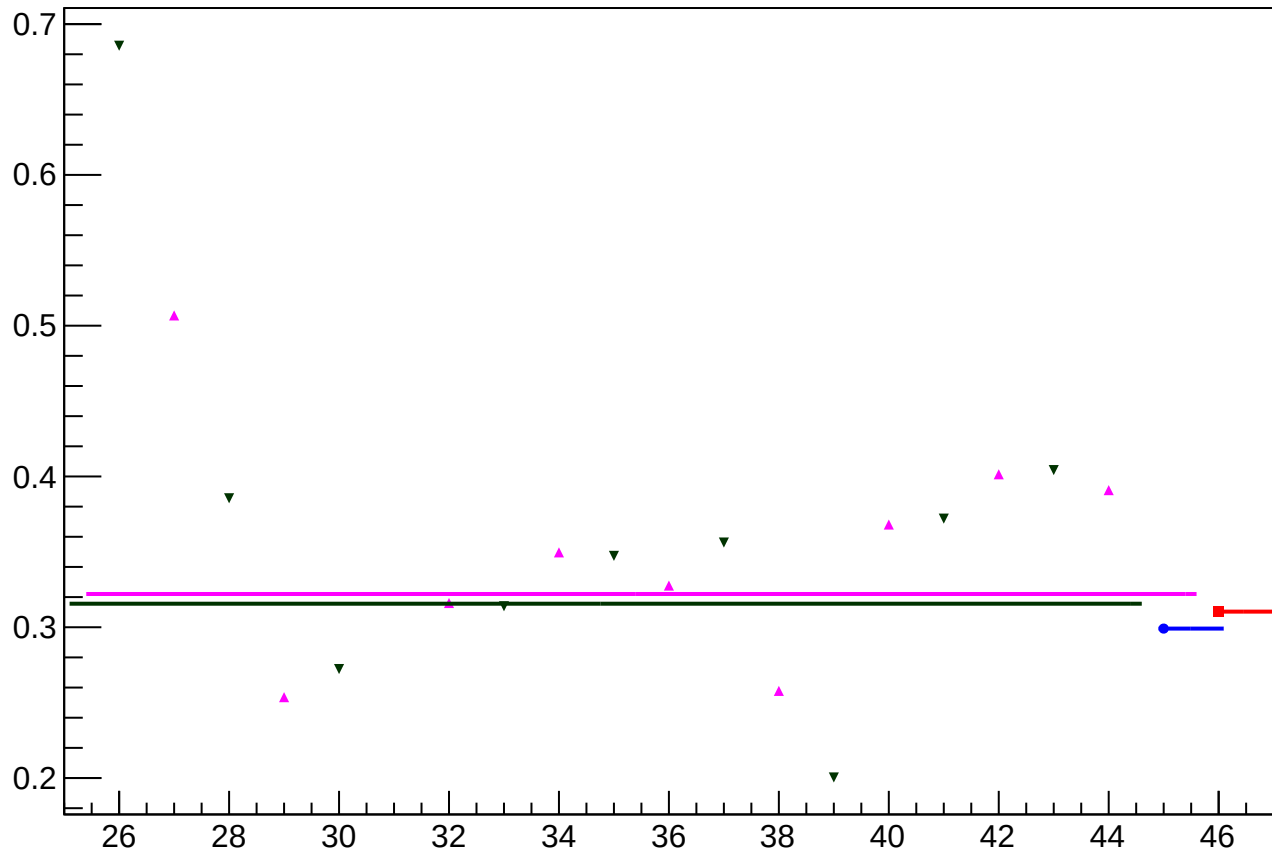
Right Out: 23.031+/-0.001 χ^2/NDF : 0.0/0

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

26.738+/-0.000 χ^2/NDF : 185568206.7/9

27.724+/-0.000 χ^2/NDF : 387941245.6/9

yield_sam4_rms vs slug



Right In: 0.299 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.316 $\pm$ 0.000 χ^2 /NDF: 711532.8/8

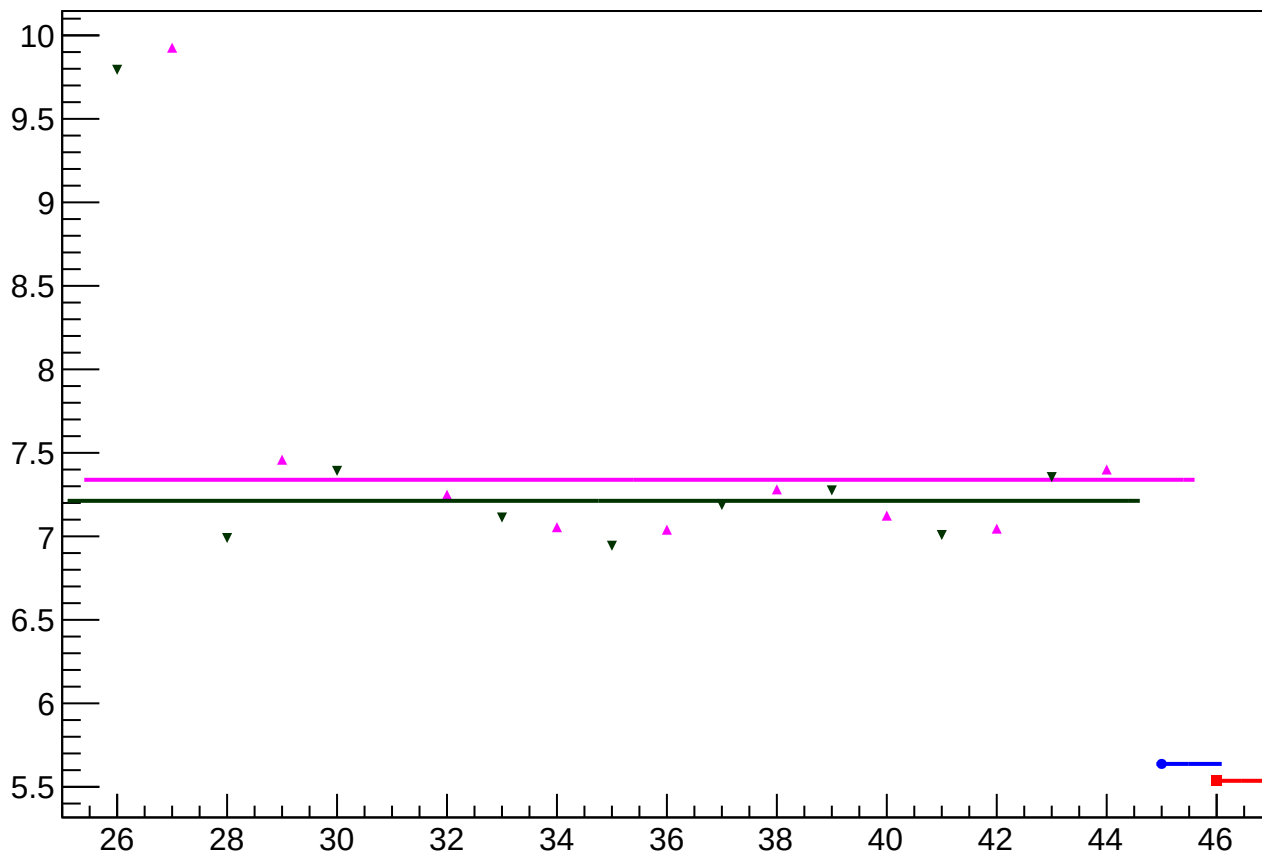
Right Out: 0.310 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461575.4/8

0.313 $\pm$ 0.000 χ^2 /NDF: 714544.3/9

0.321 $\pm$ 0.000 χ^2 /NDF: 462553.4/9

yield_sam5_mean vs slug



Right In: 5.637 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.213 $\pm$ 0.000 χ^2 /NDF:2427551863.7/8

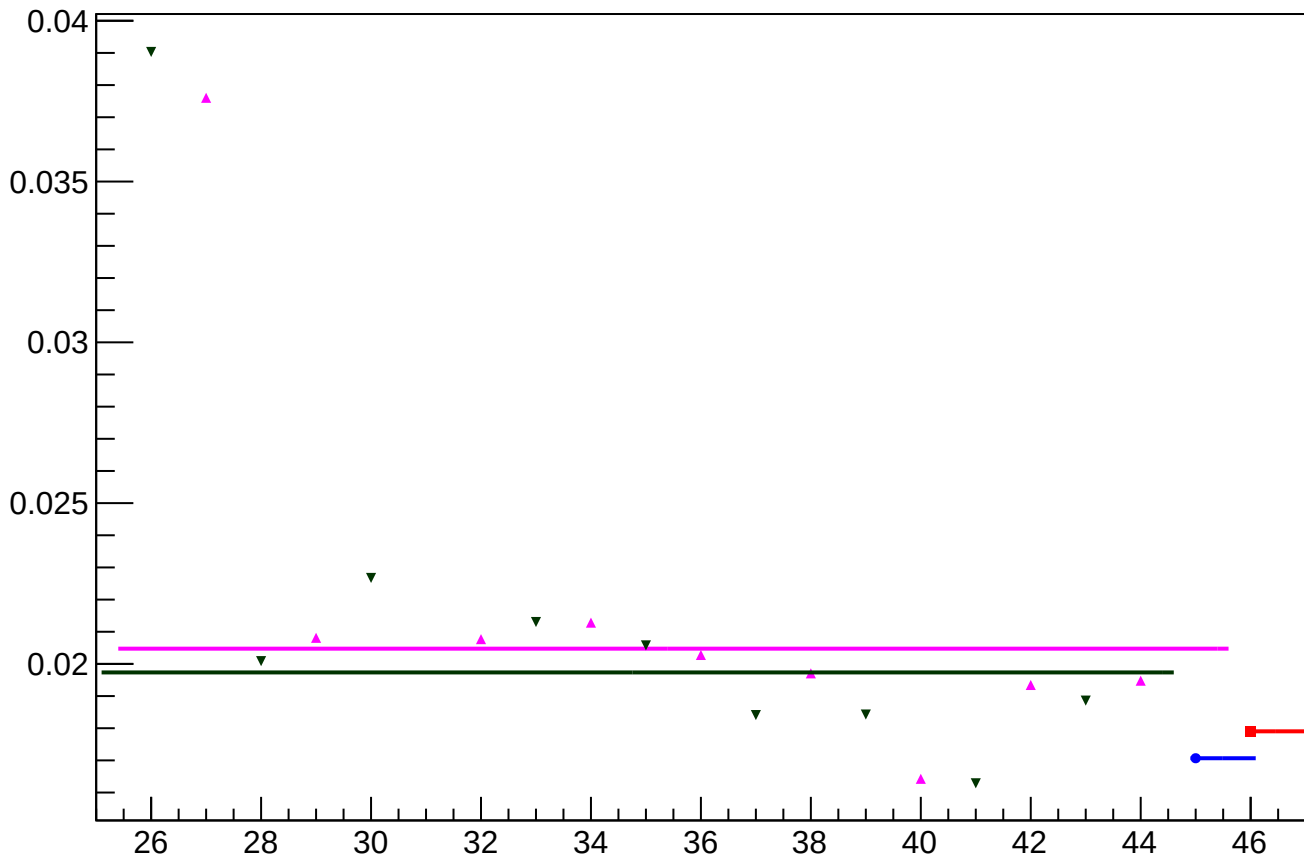
Right Out: 5.536 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 7.339 $\pm$ 0.000 χ^2 /NDF:4002199265.2/8

6.979 $\pm$ 0.000 χ^2 /NDF: 6616147684.7/9

7.176 $\pm$ 0.000 χ^2 /NDF: 7611708017.7/9

yield_sam5_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

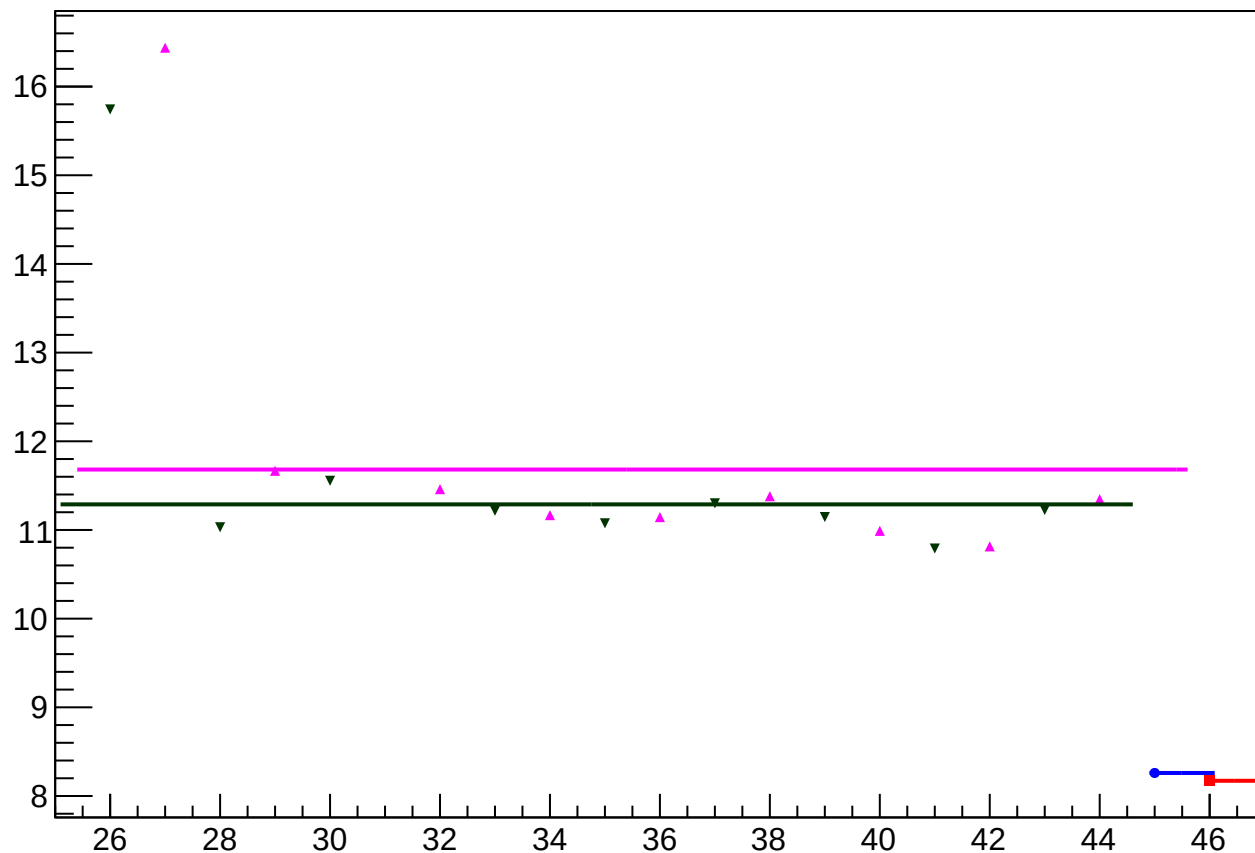
0.019+/-0.000 χ^2/NDF : 344879.2/9

Right Out: 0.018+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 395012.3/9

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

yield_sam6_mean vs slug



Right In: 8.260 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 11.289 ± 0.000 χ^2/NDF : 475112866.3/8

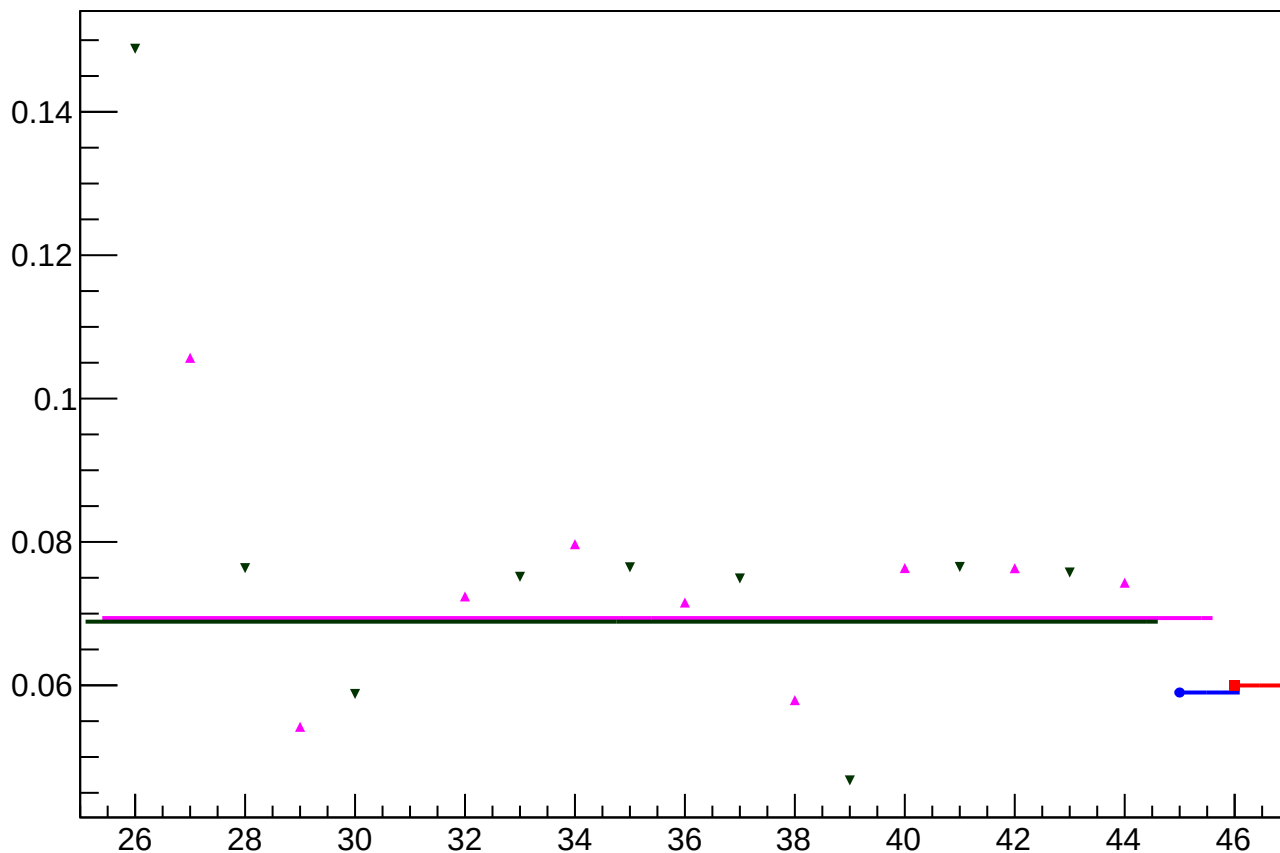
Right Out: 8.172 ± 0.000 χ^2/NDF : 0.0/0

Left In: 11.681 ± 0.000 χ^2/NDF : 1757981772.9/8

10.824 ± 0.000 χ^2/NDF : 1743393708.5/9

11.364 ± 0.000 χ^2/NDF : 2937666185.8/9

yield_sam6_rms vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.069+/-0.000 χ^2/NDF : 542333.9/8

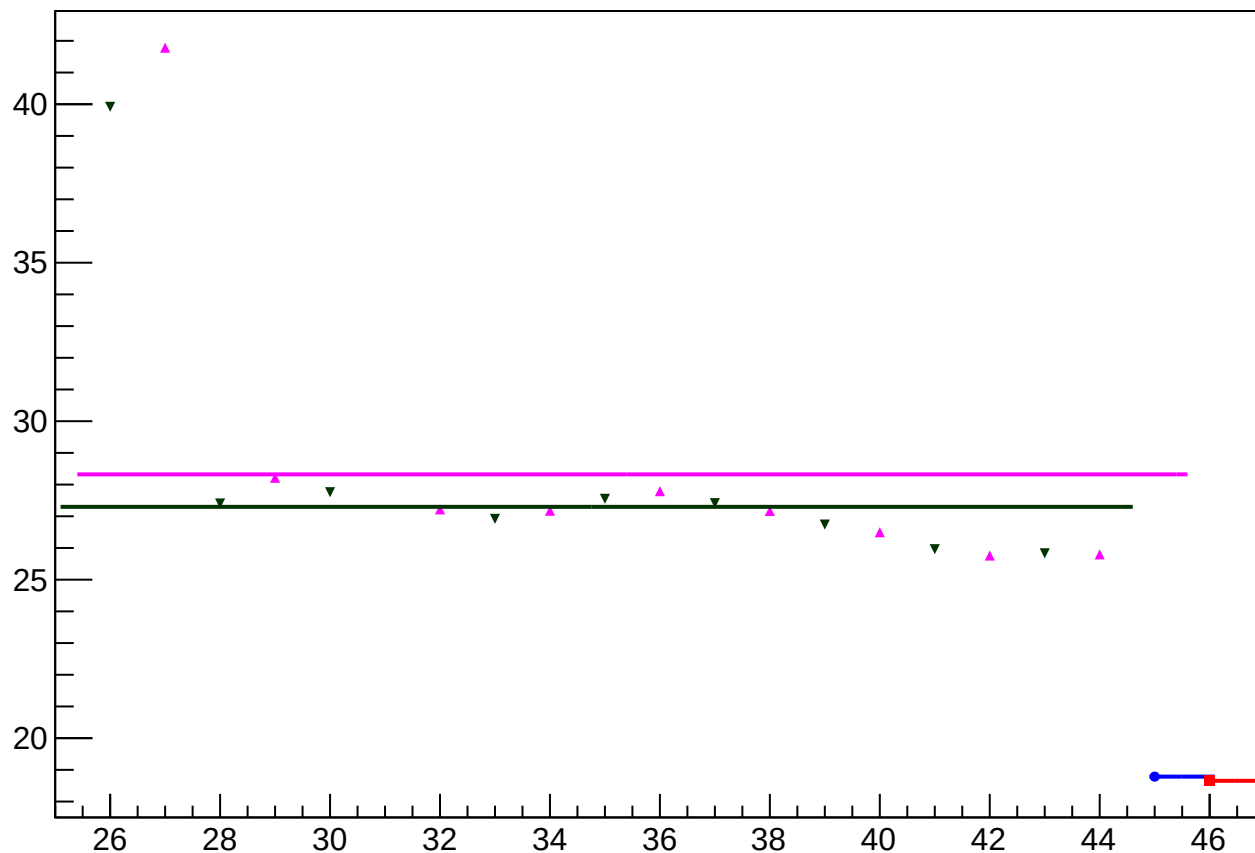
Right Out: 0.060+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

0.067+/-0.000 χ^2/NDF : 569342.4/9

0.069+/-0.000 χ^2/NDF : 399643.9/9

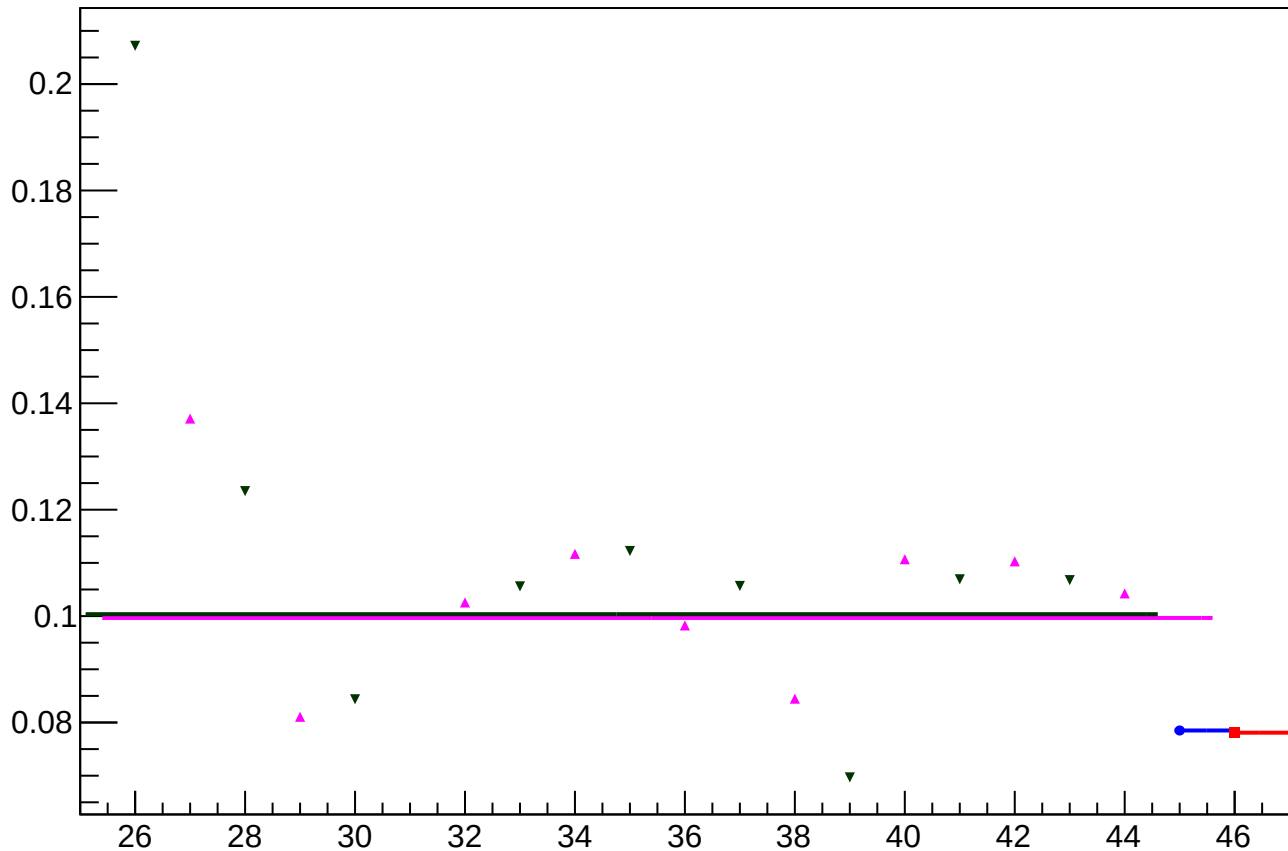
yield_sam7_mean vs slug



Right In: 18.786 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 27.298 $\pm$ 0.000 χ^2 /NDF:1975060613.1/8
Right Out: 18.655 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 28.322 $\pm$ 0.000 χ^2 /NDF:8116696622.8/8

25.795 $\pm$ 0.000 χ^2 /NDF: 7355406959.4/9
27.297 $\pm$ 0.000 χ^2 /NDF: 13166852513.6/9

yield_sam7_rms vs slug



Right In: 0.078+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.100+/-0.000 χ^2/NDF : 509899.4/8

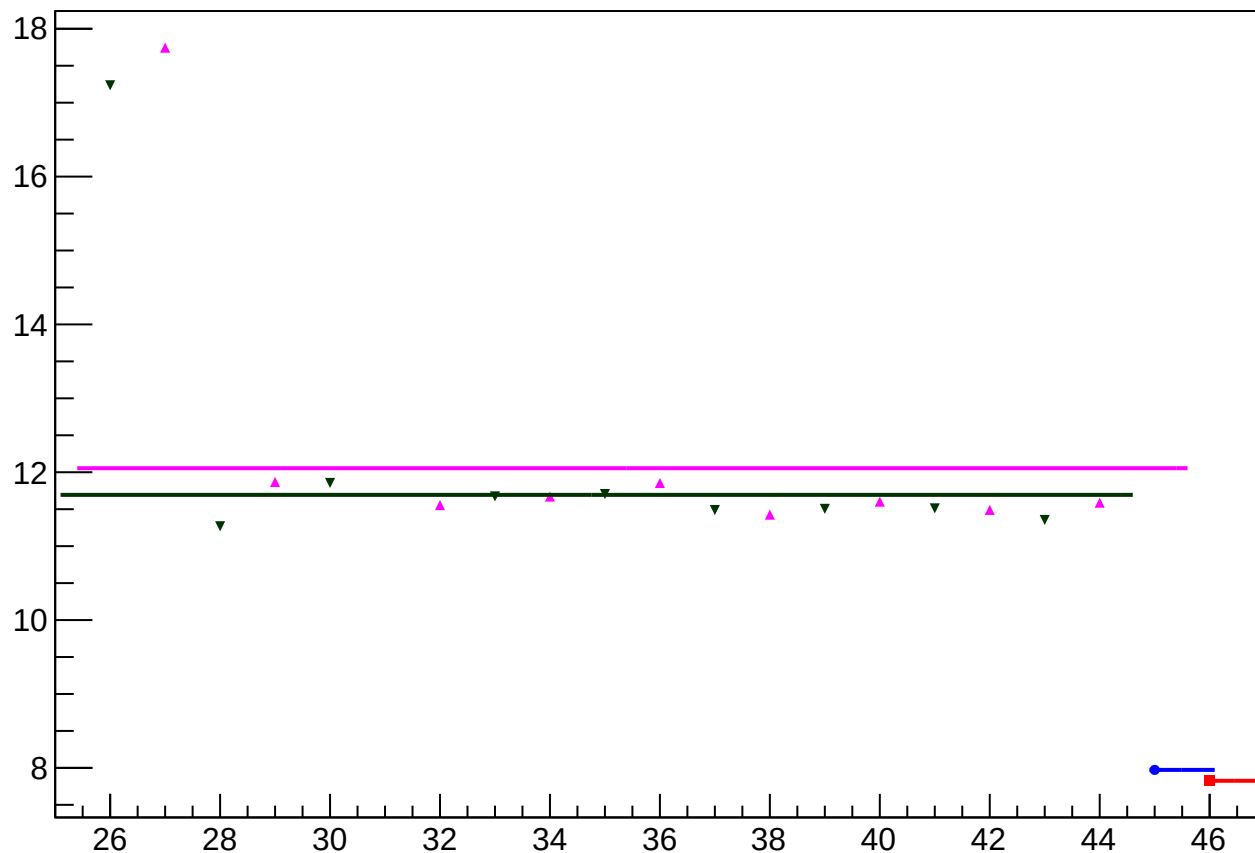
Right Out: 0.078+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.100+/-0.000 χ^2/NDF : 255418.8/8

0.097+/-0.000 χ^2/NDF : 580904.6/9

0.097+/-0.000 χ^2/NDF : 305676.8/9

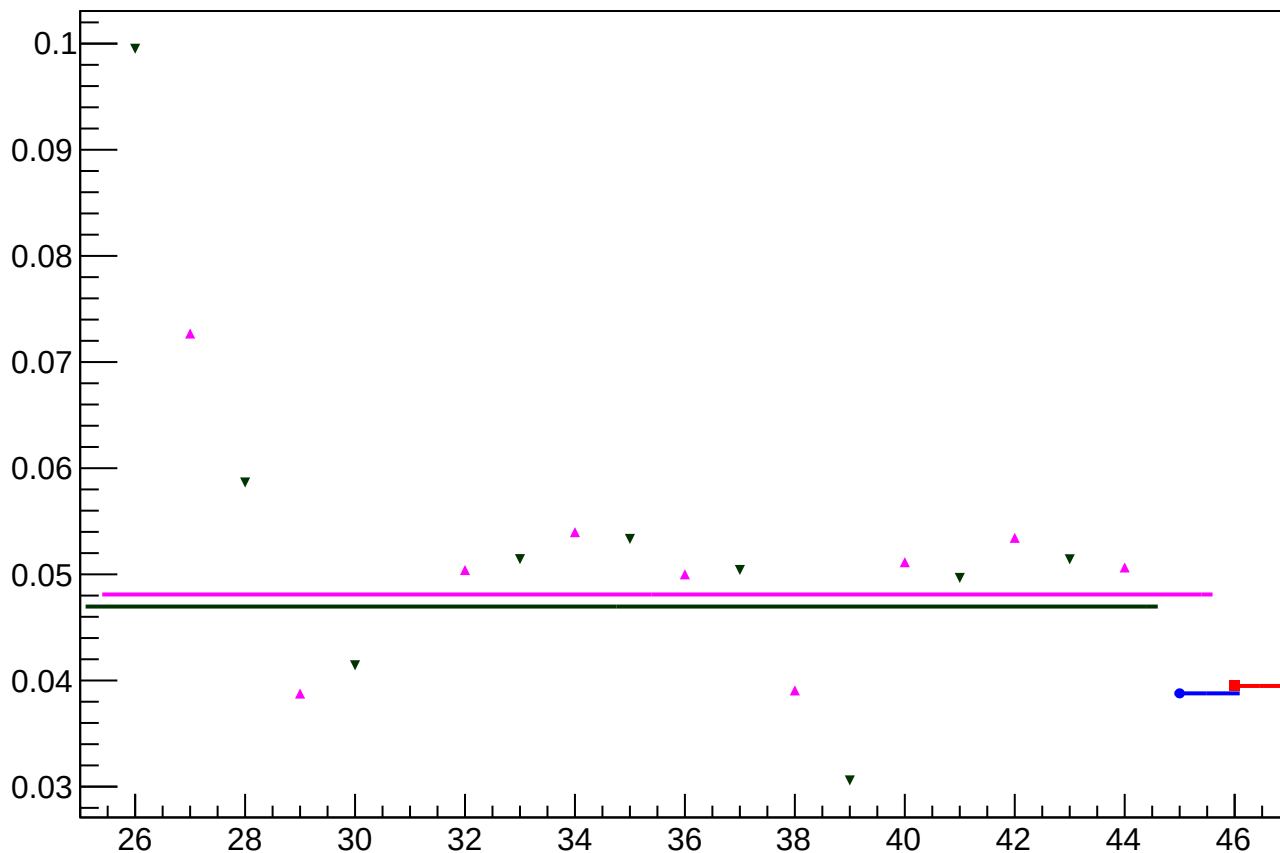
yield_sam8_mean vs slug



Right In: 7.973+/-0.000 χ^2/NDF : 0.0/0
Left Out: 11.694+/-0.000 χ^2/NDF :1571804703.3/8
Right Out: 7.825+/-0.000 χ^2/NDF : 0.0/0
Left In: 12.055+/-0.000 χ^2/NDF :5109226136.0/8

11.091+/-0.000 χ^2/NDF : 5947873734.0/9
11.638+/-0.000 χ^2/NDF : 8984508746.0/9

yield_sam8_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

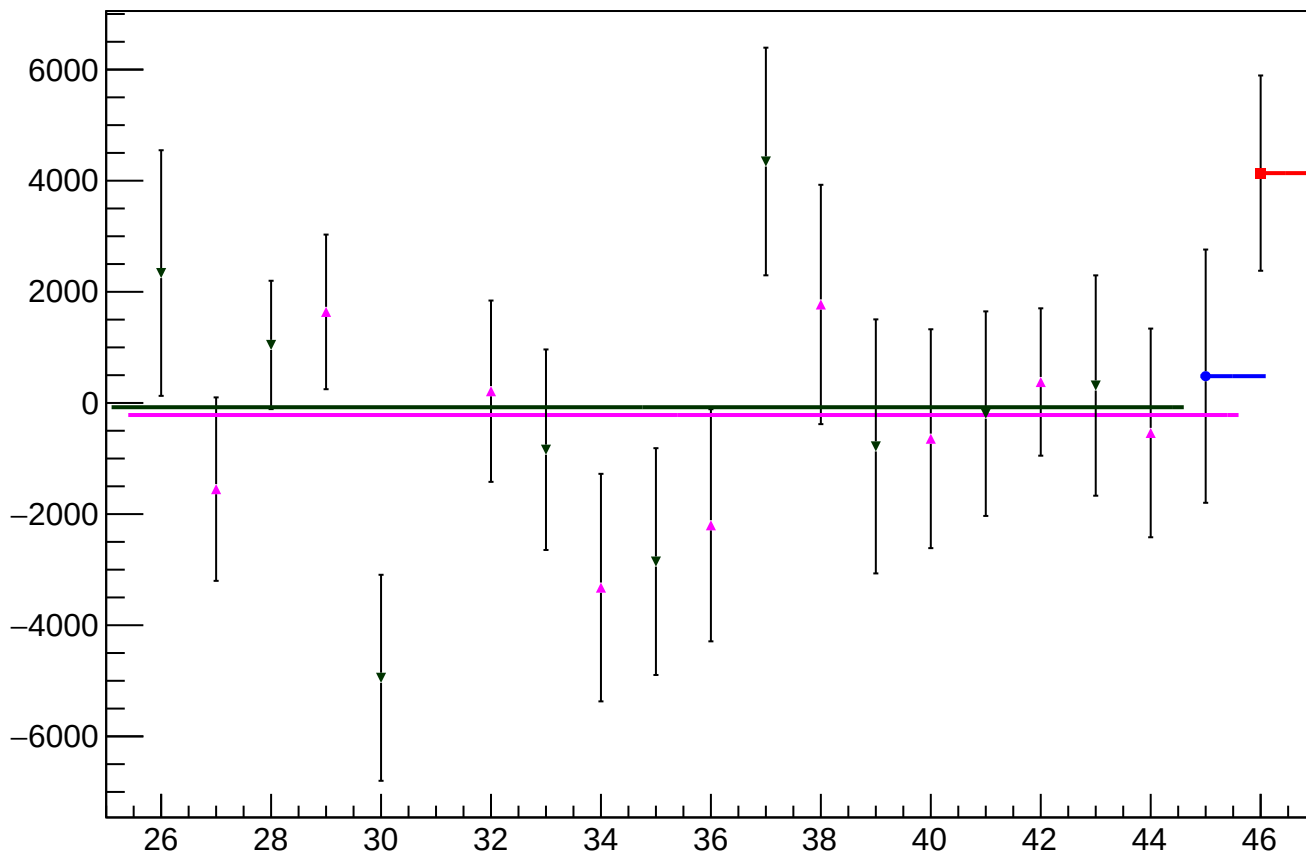
Right Out: 0.039+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.046+/-0.000 χ^2/NDF : 654420.0/9

0.047+/-0.000 χ^2/NDF : 380945.9/9

cor_sam1_mean vs slug



Right In: 482.226 $\pm$ 2278.801 χ^2 /NDF: 0.0/0

Left Out: -76.487 $\pm$ 600.613 χ^2 /NDF:15.9/8

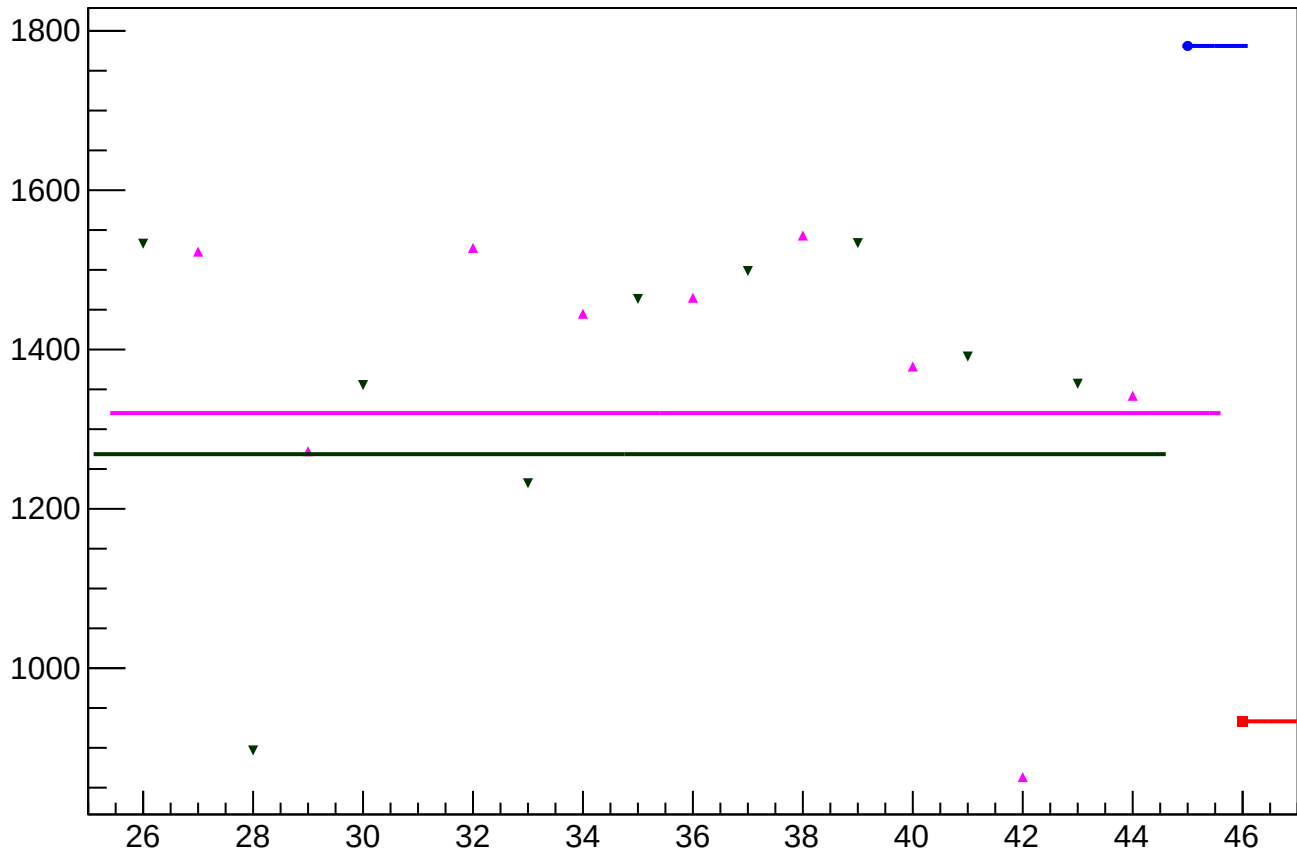
Right Out: 4136.402 $\pm$ 1757.159 χ^2 /NDF: 0.0/0

Left In: -216.843 $\pm$ 572.349 χ^2 /NDF:6.8/8

-40.196 $\pm$ 580.779 χ^2 /NDF: 15.9/9

200.717 $\pm$ 544.207 χ^2 /NDF: 12.4/9

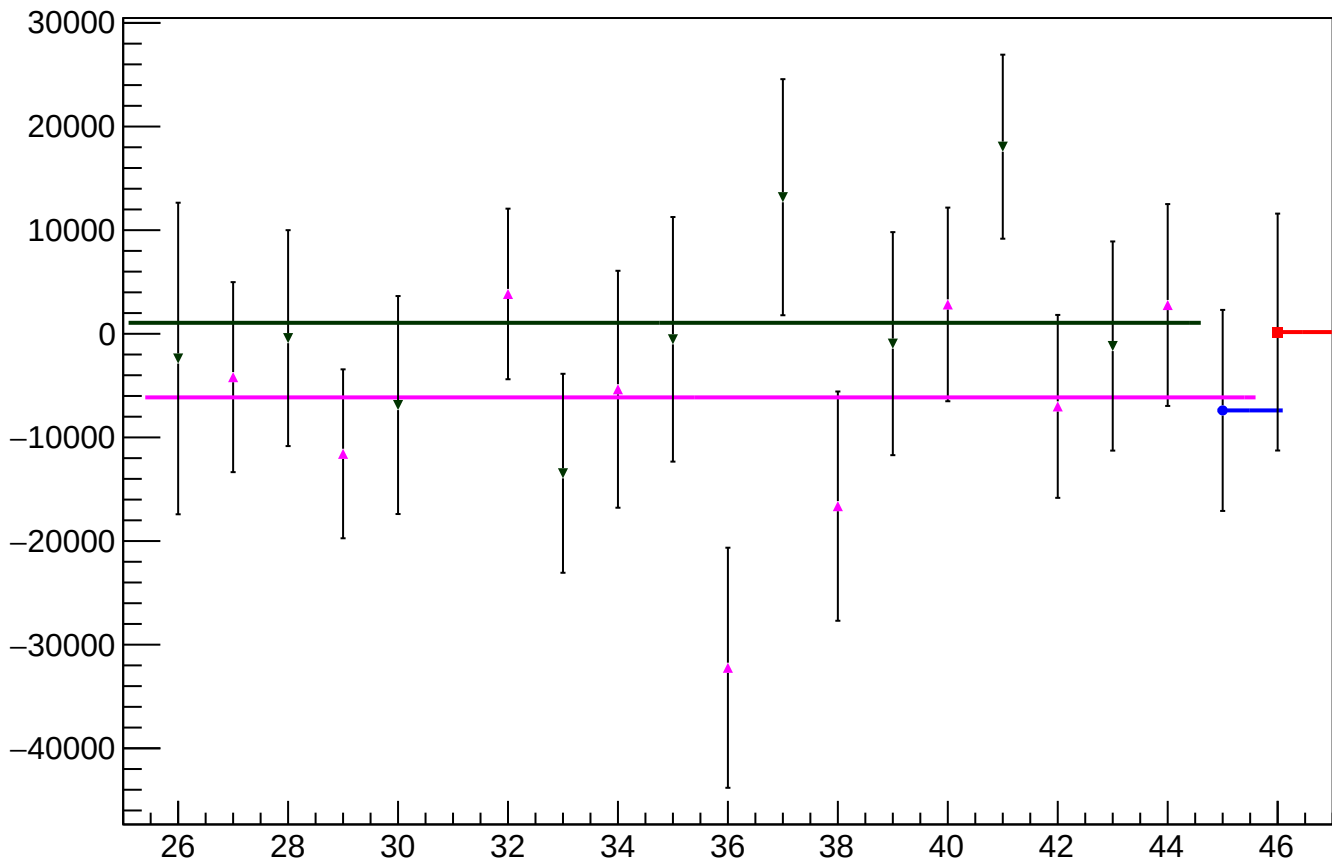
cor_sam1_rms vs slug



Right In: 1781.099+/-1.611 χ^2 /NDF: 0.0/0
 Left Out: 1268.658+/-0.425 χ^2 /NDF:324399.1/8
 Right Out: 933.263+/-1.242 χ^2 /NDF: 0.0/0
 Left In: 1320.223+/-0.405 χ^2 /NDF:342759.8/8

1301.943+/-0.411 χ^2 /NDF: 418965.6/9
 1283.106+/-0.385 χ^2 /NDF: 430449.3/9

cor_sam2_mean vs slug



Right In: -7394.403+/-9699.887 χ^2/NDF : 0.0/0

Left Out: 1060.376+/-3545.636 χ^2/NDF : 7.8/8

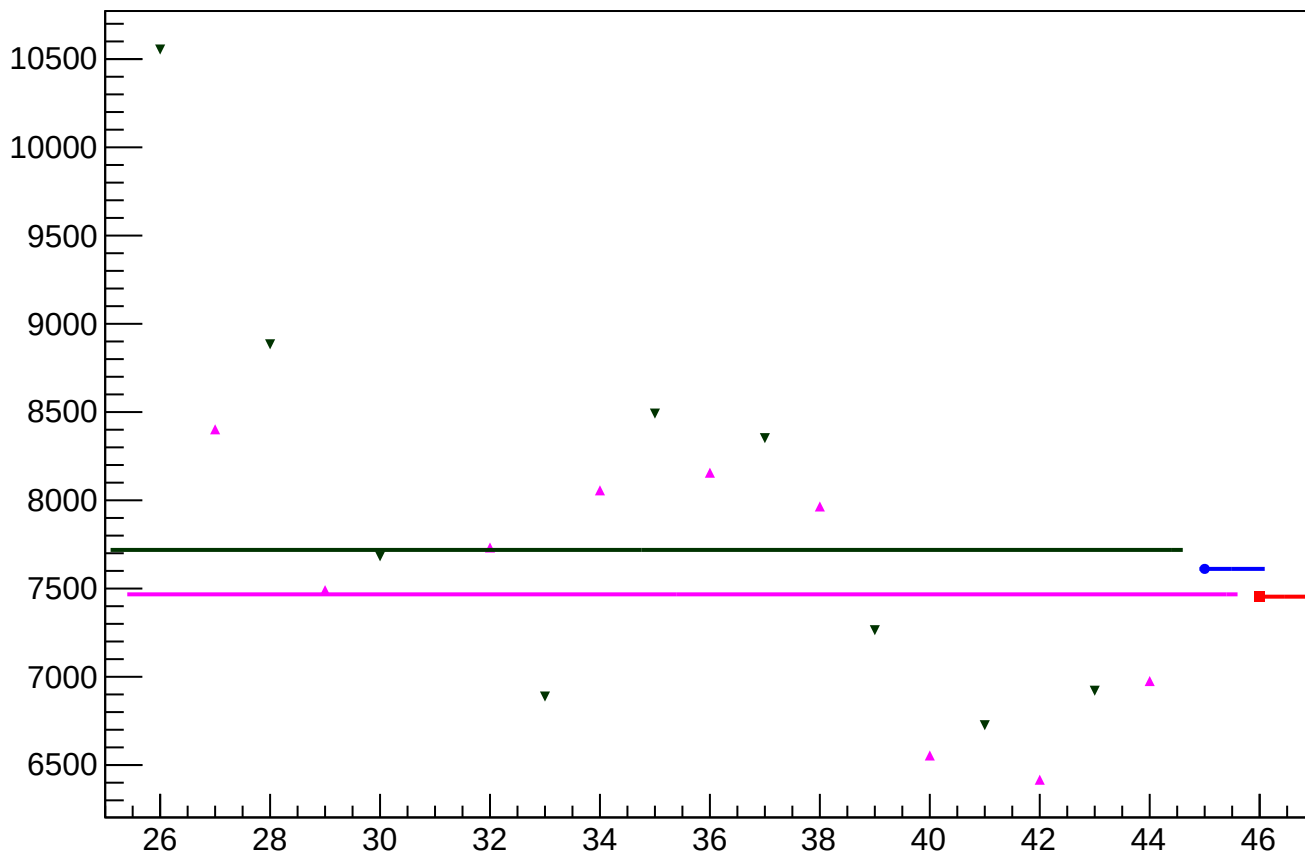
Right Out: 166.755+/-11430.794 χ^2/NDF : 0.0/0

Left In: -6136.125+/-3165.179 χ^2/NDF : 9.7/8

63.843+/-3330.132 χ^2/NDF : 8.5/9

-5687.278+/-3050.396 χ^2/NDF : 10.0/9

cor_sam2_rms vs slug



Right In: 7611.411+/-6.859 χ^2/NDF : 0.0/0

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

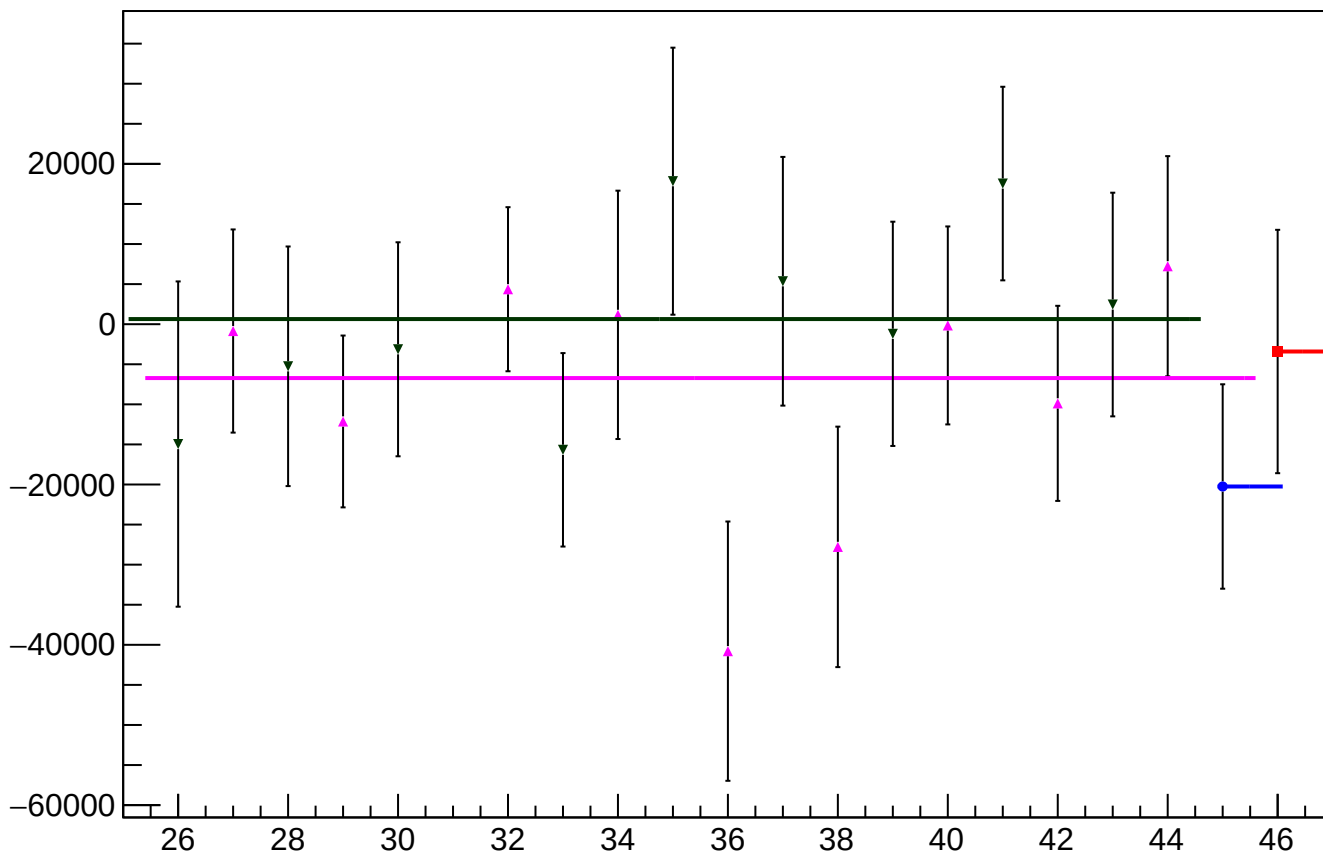
Right Out: 7454.048+/-8.083 χ^2/NDF : 0.0/0

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7706.239+/-2.355 χ^2/NDF : 167201.9/9

7466.253+/-2.157 χ^2/NDF : 91851.1/9

cor_sam3_mean vs slug



Right In: -20248.607+/-12752.267 χ^2 /NDF: 0.0/0

Left Out: 639.789+/-4753.910 χ^2 /NDF:5.8/8

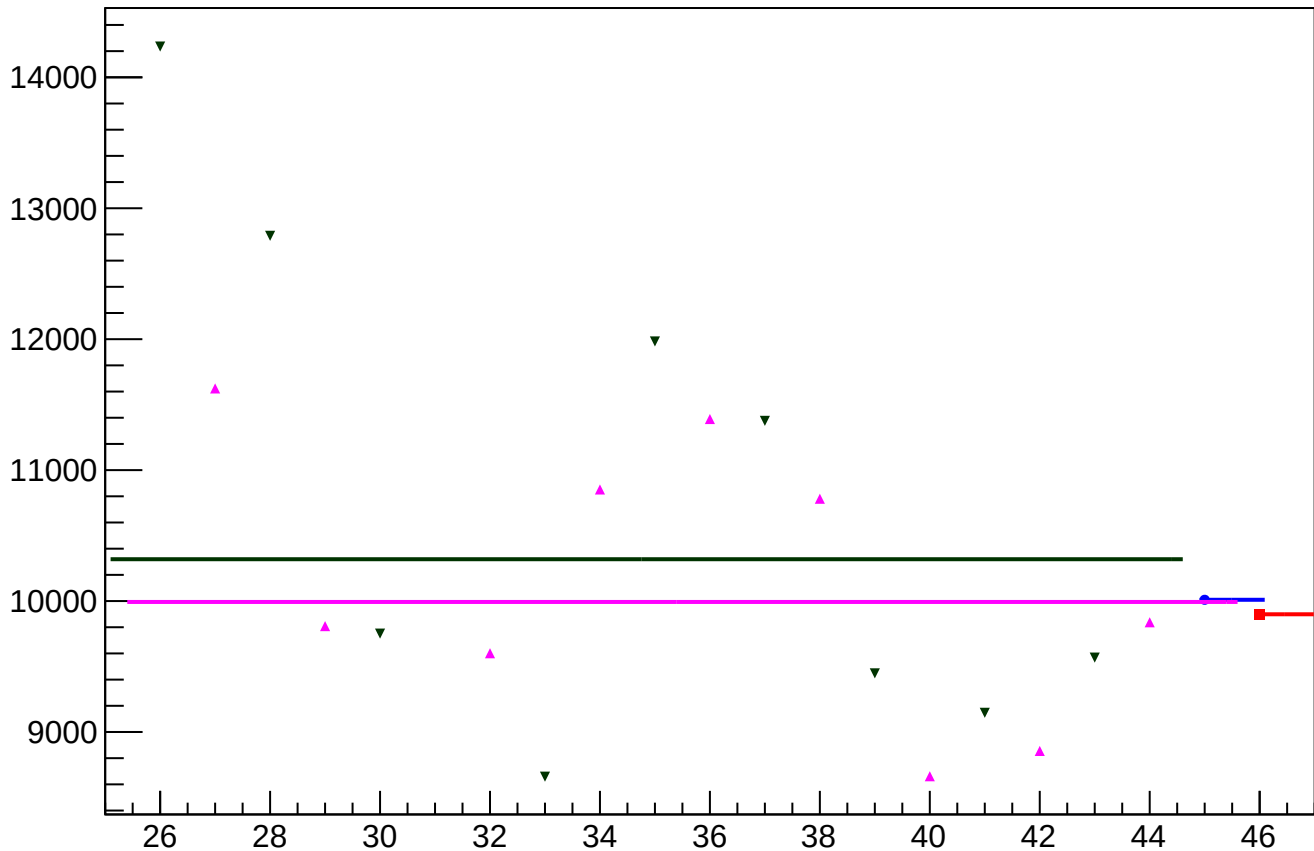
Right Out: -3407.870+/-15181.110 χ^2 /NDF: 0.0/0

Left In: -6721.702+/-4244.047 χ^2 /NDF:9.7/8

-1908.913+/-4454.453 χ^2 /NDF: 8.2/9

-6481.485+/-4087.330 χ^2 /NDF: 9.7/9

cor_sam3_rms vs slug



Right In: 10009.717+/-9.017 χ^2/NDF : 0.0/0

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

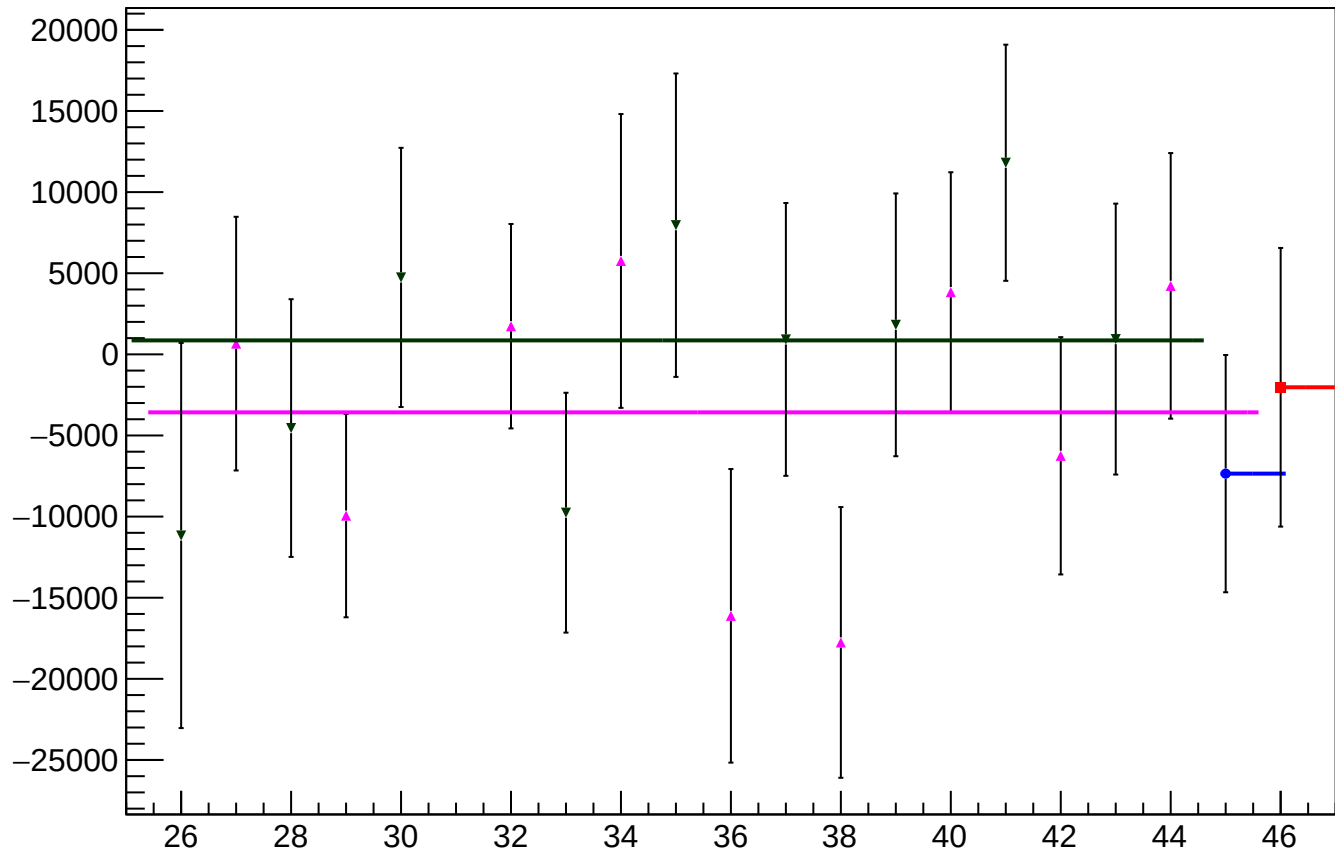
10281.724+/-3.150 χ^2/NDF : 233308.6/9

Right Out: 9899.014+/-10.735 χ^2/NDF : 0.0/0

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

9986.294+/-2.890 χ^2/NDF : 104282.7/9

cor_sam4_mean vs slug



Right In: -7351.668 $\pm$ 7312.766 χ^2/NDF : 0.0/0

Left Out: 860.253 $\pm$ 2763.123 χ^2/NDF : 6.6/8

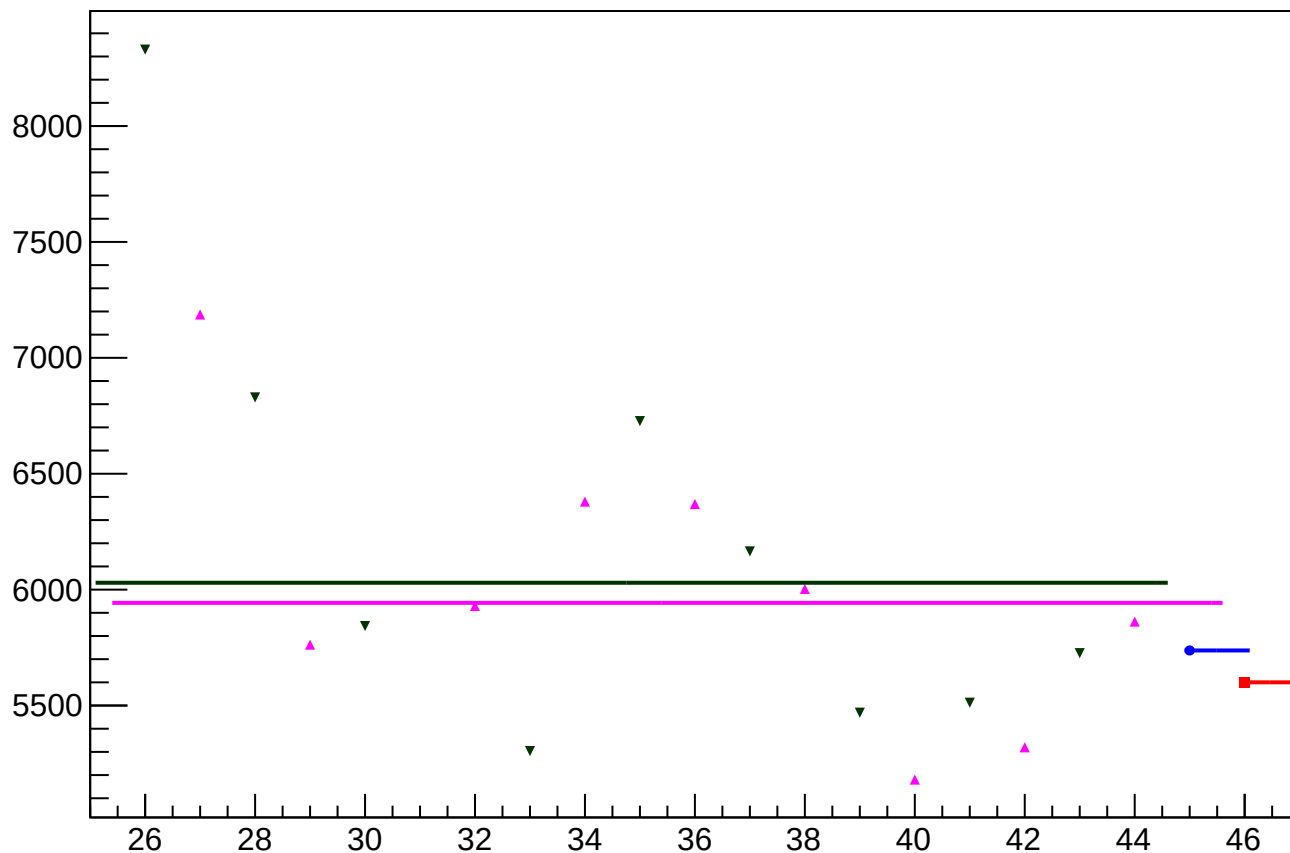
Right Out: -2029.629 $\pm$ 8587.694 χ^2/NDF : 0.0/0

Left In: -3574.359 $\pm$ 2517.724 χ^2/NDF : 10.0/8

-165.689 $\pm$ 2584.763 χ^2/NDF : 7.7/9

-3452.093 $\pm$ 2416.031 χ^2/NDF : 10.0/9

cor_sam4_rms vs slug



Right In: 5737.601+/-5.171 χ^2/NDF : 0.0/0

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

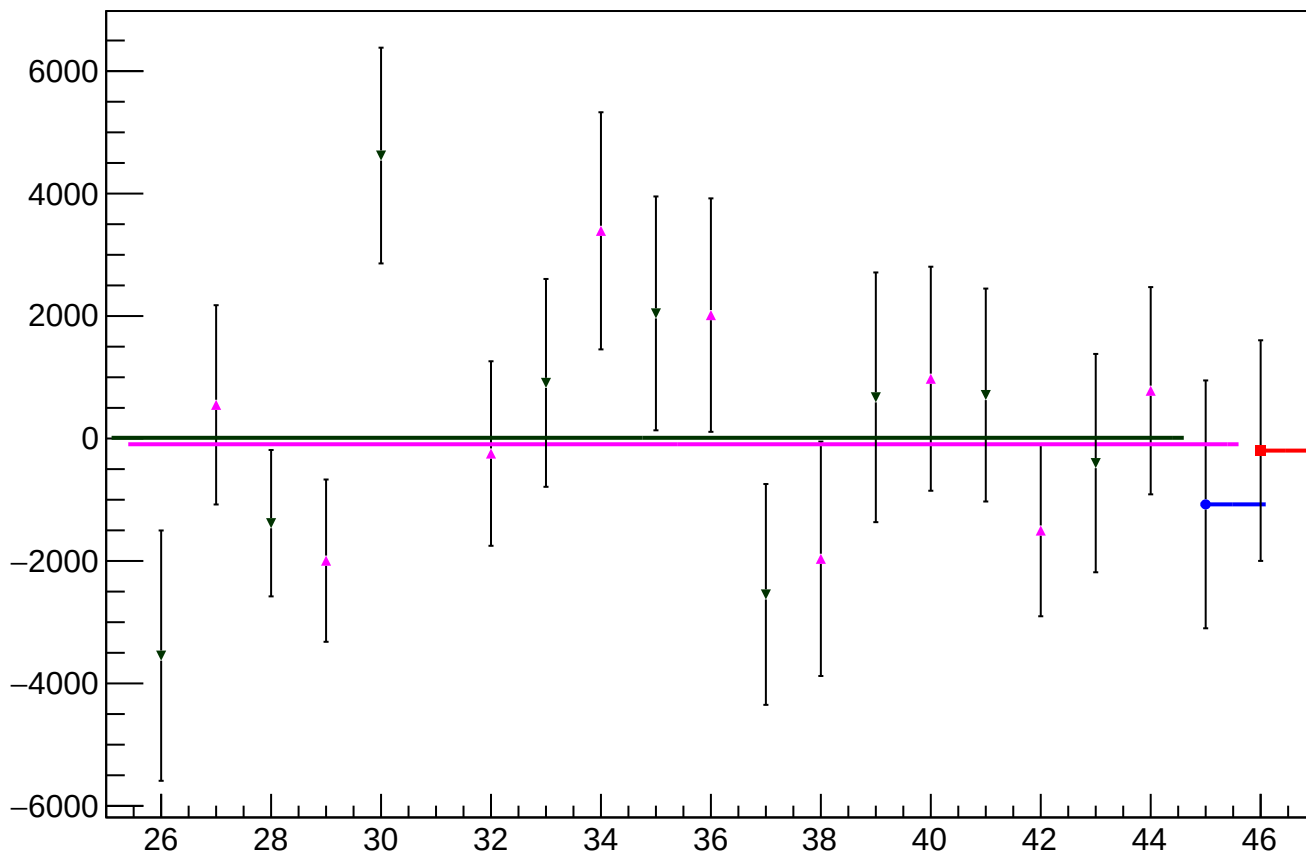
Right Out: 5600.130+/-6.072 χ^2/NDF : 0.0/0

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5993.210+/-1.828 χ^2/NDF : 152531.3/9

5915.755+/-1.708 χ^2/NDF : 100488.1/9

cor_sam5_mean vs slug



Right In: -1075.564+/-2023.955 χ^2 /NDF: 0.0/0

Left Out: 11.403+/-570.182 χ^2 /NDF:15.0/8

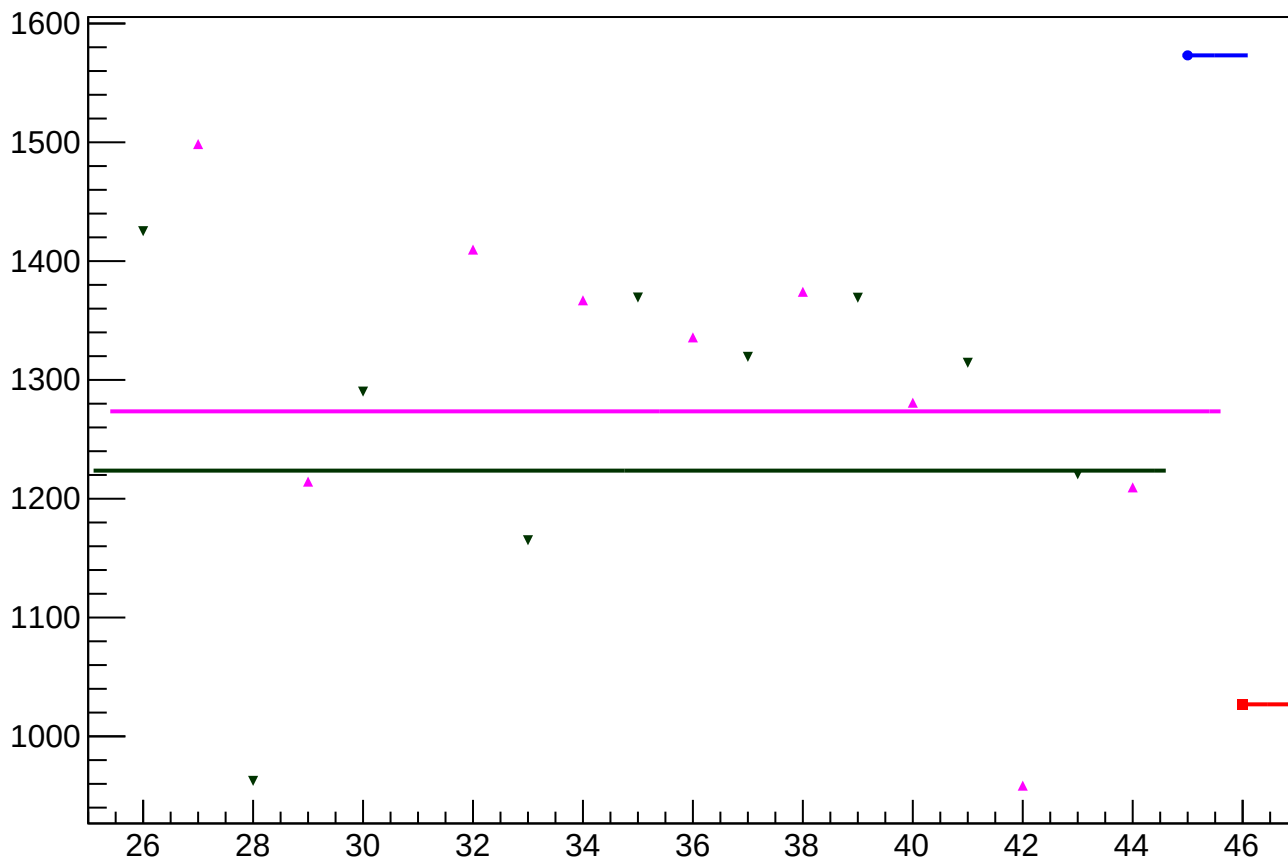
Right Out: -197.446+/-1801.617 χ^2 /NDF: 0.0/0

Left In: -93.953+/-545.533 χ^2 /NDF:9.3/8

-68.521+/-548.819 χ^2 /NDF: 15.2/9

-102.645+/-522.121 χ^2 /NDF: 9.3/9

cor_sam5_rms vs slug



Right In: 1573.173+/-1.431 χ^2/NDF : 0.0/0

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

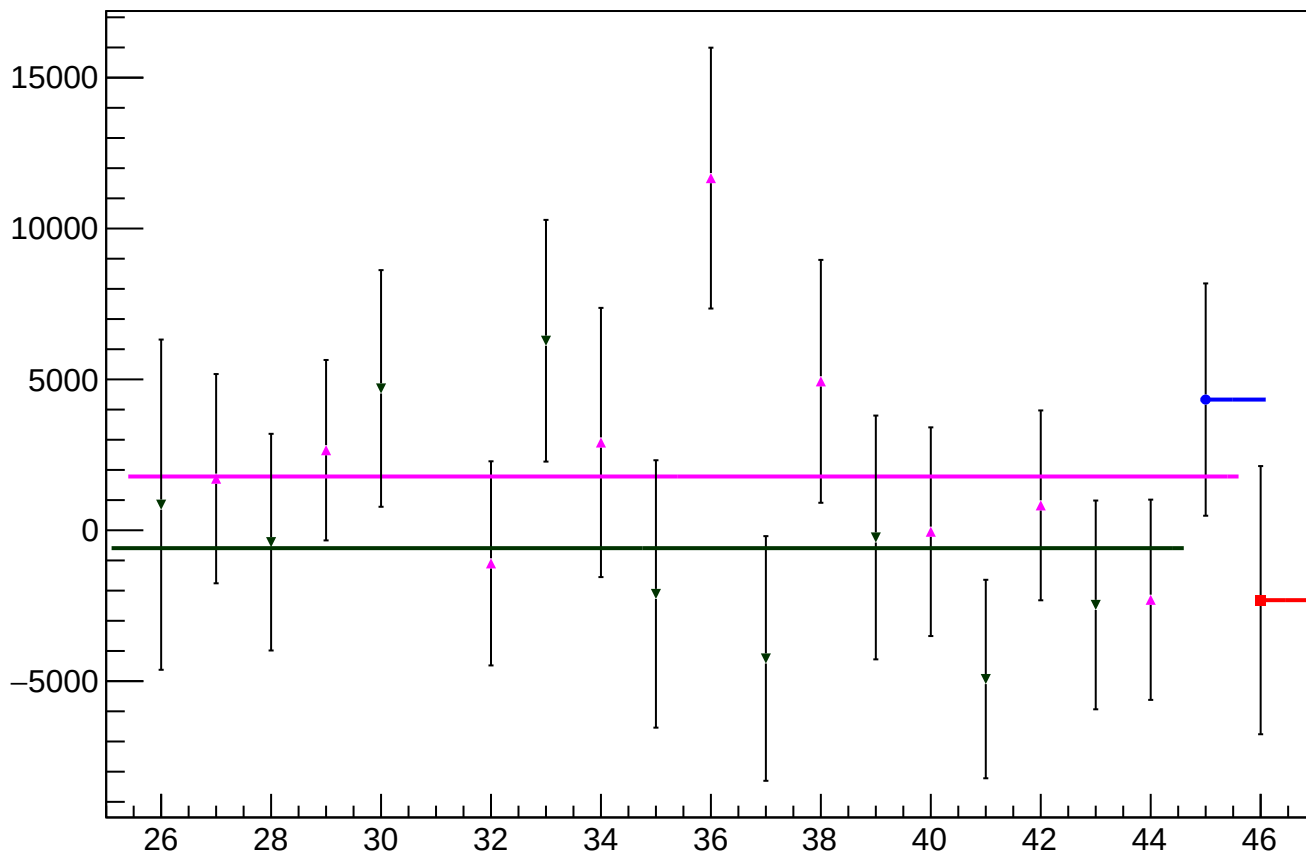
Right Out: 1026.938+/-1.274 χ^2/NDF : 0.0/0

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1249.357+/-0.388 χ^2/NDF : 208294.4/9

1252.829+/-0.369 χ^2/NDF : 209316.7/9

cor_sam6_mean vs slug



Right In: 4331.335+/-3849.453 χ^2/NDF : 0.0/0

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

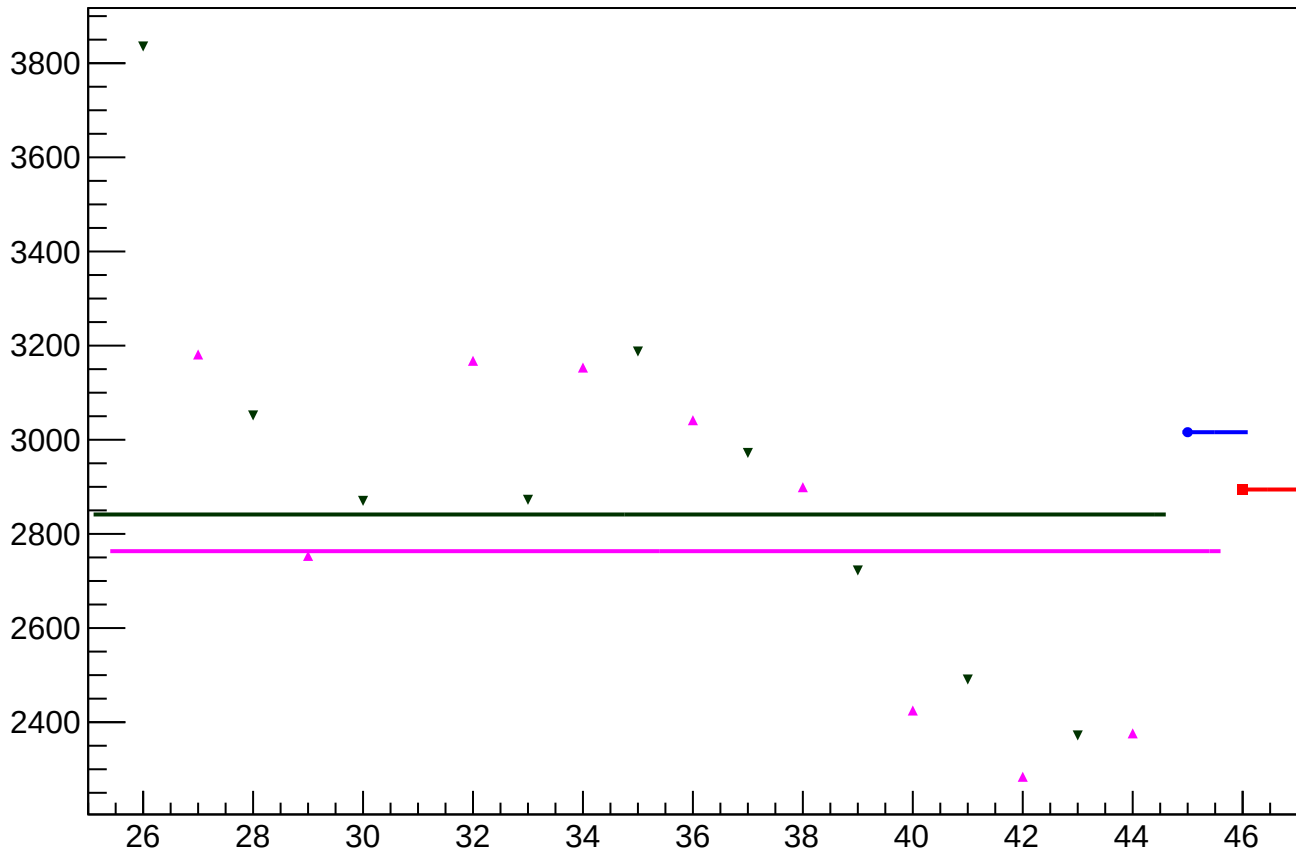
Right Out: -2316.156+/-4443.603 χ^2/NDF : 0.0/0

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

-85.163+/-1235.697 χ^2/NDF : 9.3/9

1513.898+/-1136.600 χ^2/NDF : 9.4/9

cor_sam6_rms vs slug



Right In: 3016.077 $\pm$ 2.722 χ^2 /NDF: 0.0/0

Left Out: 2841.264 $\pm$ 0.923 χ^2 /NDF: 148700.6/8

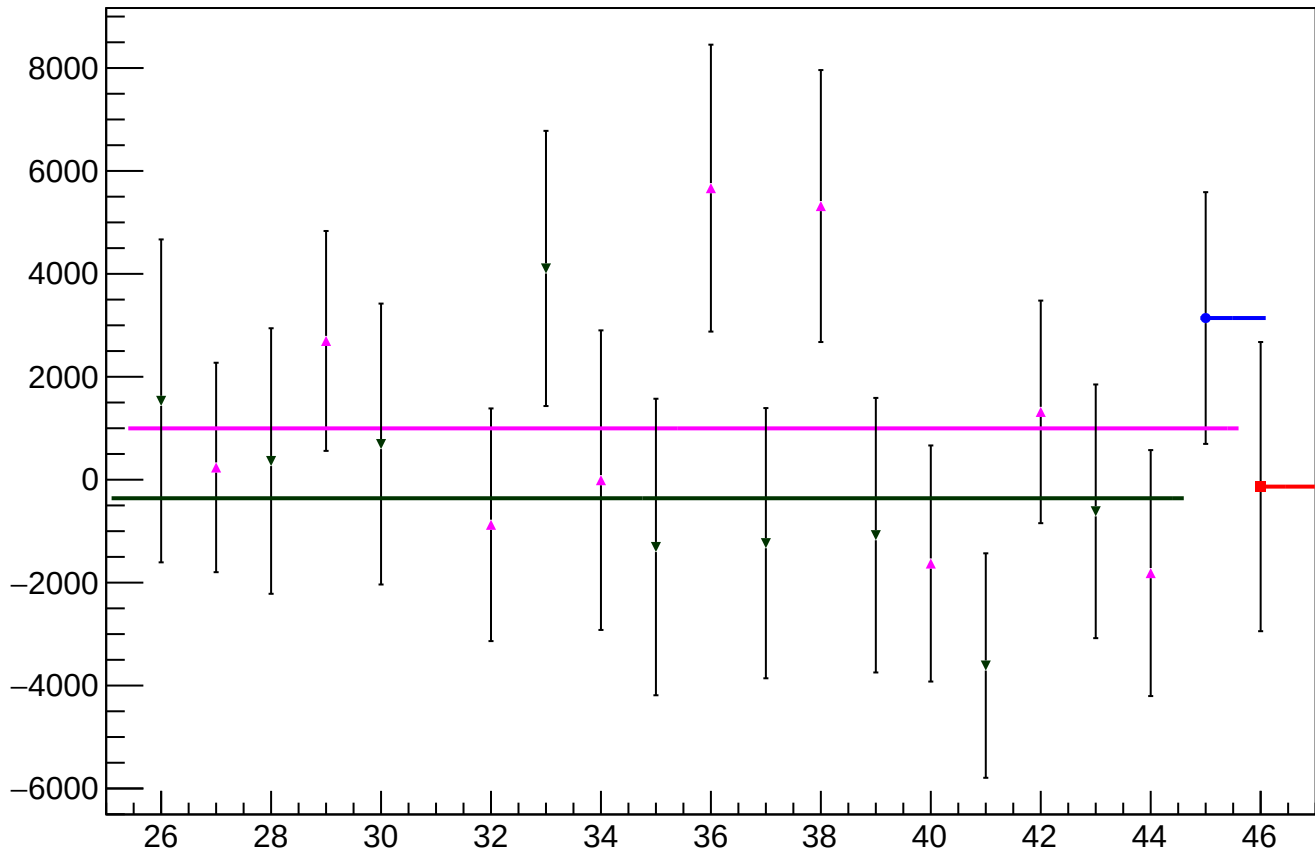
2859.278 $\pm$ 0.874 χ^2 /NDF: 152400.2/9

Right Out: 2894.331 $\pm$ 3.142 χ^2 /NDF: 0.0/0

2771.903 $\pm$ 0.804 χ^2 /NDF: 177930.2/9

Left In: 2763.332 $\pm$ 0.831 χ^2 /NDF: 176305.8/8

cor_sam7_mean vs slug



Right In: 3141.733 $\pm$ 2445.875 χ^2 /NDF: 0.0/0

Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

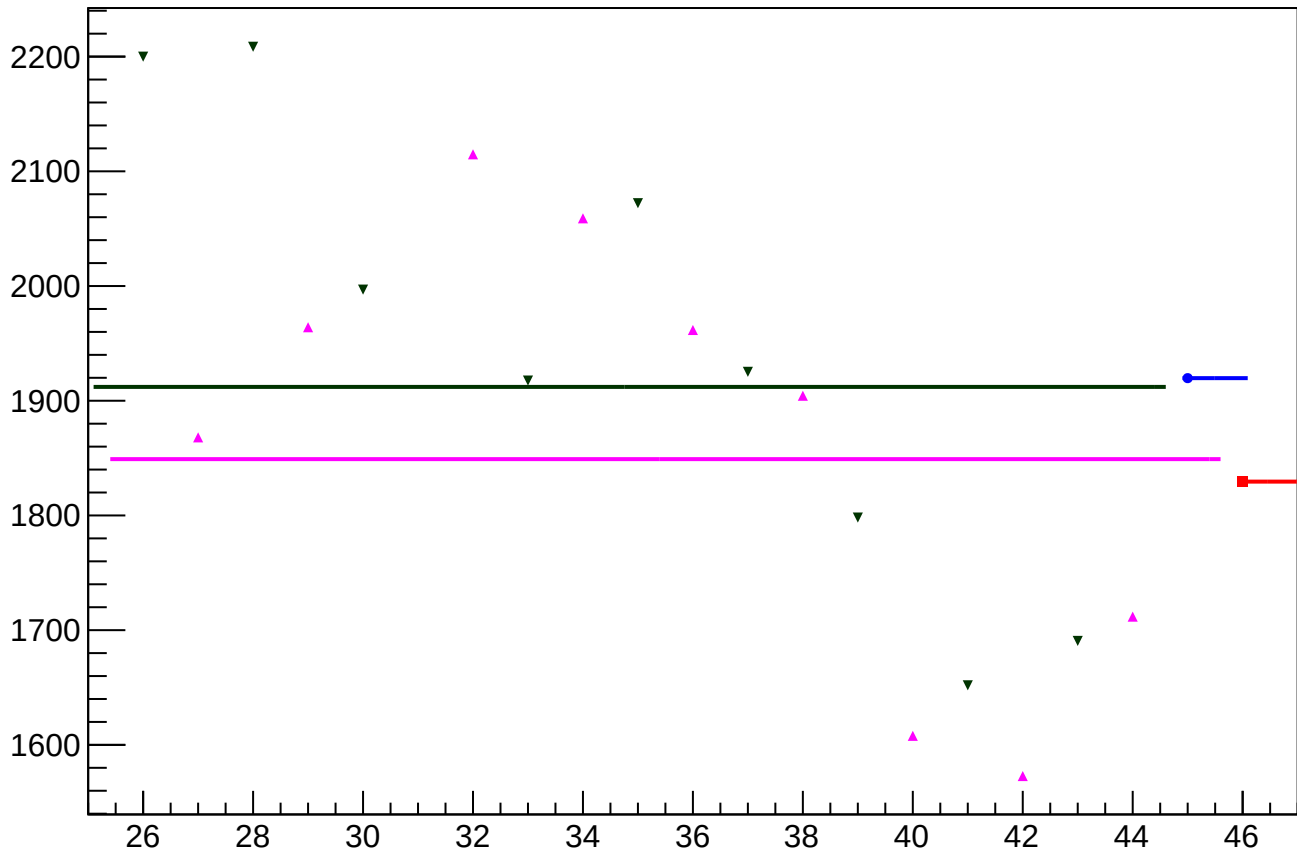
Right Out: -134.157 $\pm$ 2809.686 χ^2 /NDF: 0.0/0

Left In: 997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

36.889 $\pm$ 823.670 χ^2 /NDF: 7.7/9

915.638 $\pm$ 755.547 χ^2 /NDF: 9.9/9

cor_sam7_rms vs slug



Right In: 1919.701 $\pm$ 1.729 χ^2 /NDF: 0.0/0

Left Out: 1912.062 $\pm$ 0.619 χ^2 /NDF:99663.2/8

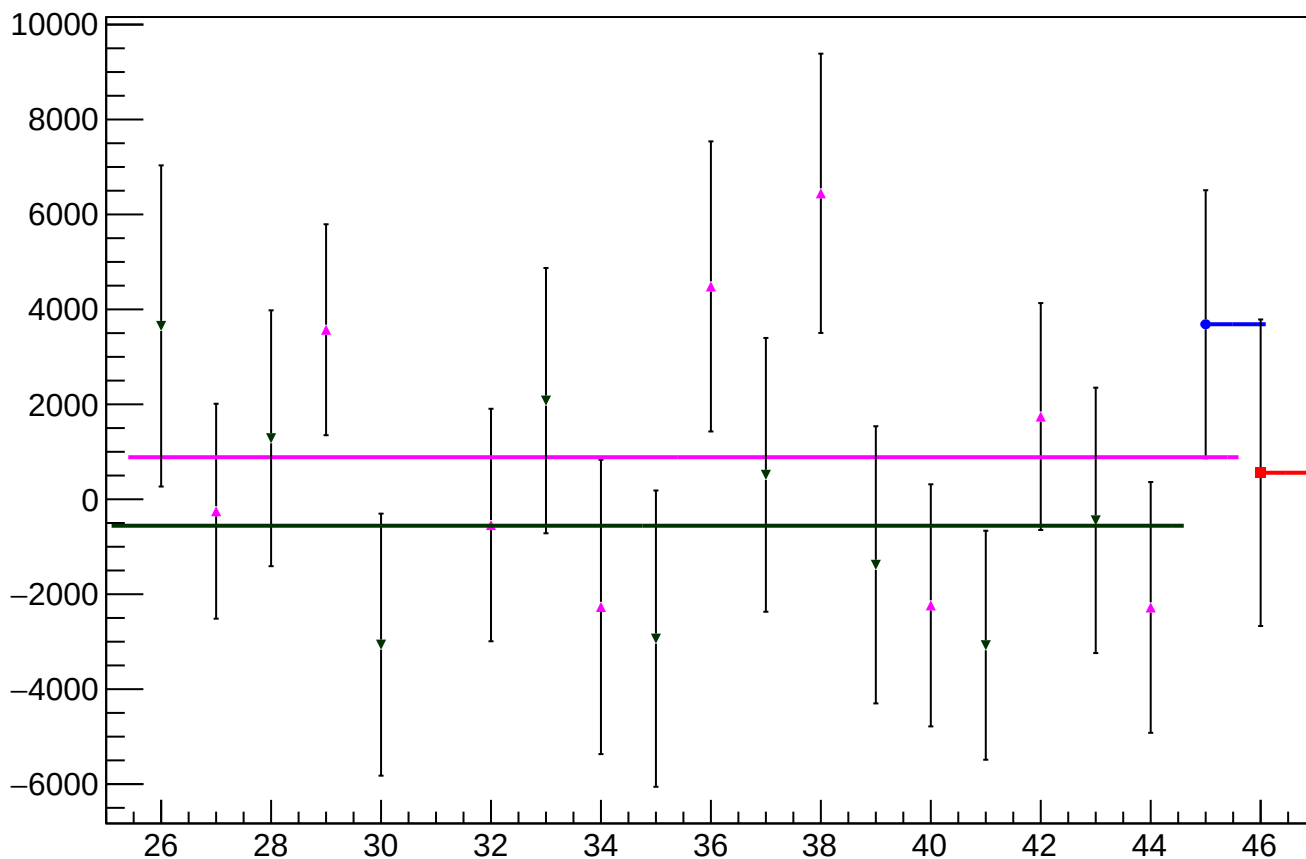
1912.929 $\pm$ 0.582 χ^2 /NDF: 99680.5/9

Right Out: 1829.497 $\pm$ 1.987 χ^2 /NDF: 0.0/0

1847.682 $\pm$ 0.534 χ^2 /NDF: 109590.9/9

Left In: 1849.099 $\pm$ 0.555 χ^2 /NDF:109500.6/8

cor_sam8_mean vs slug



Right In: 3687.145 $\pm$ 2823.247 χ^2 /NDF: 0.0/0

Left Out: -557.273 $\pm$ 942.969 χ^2 /NDF: 5.6/8

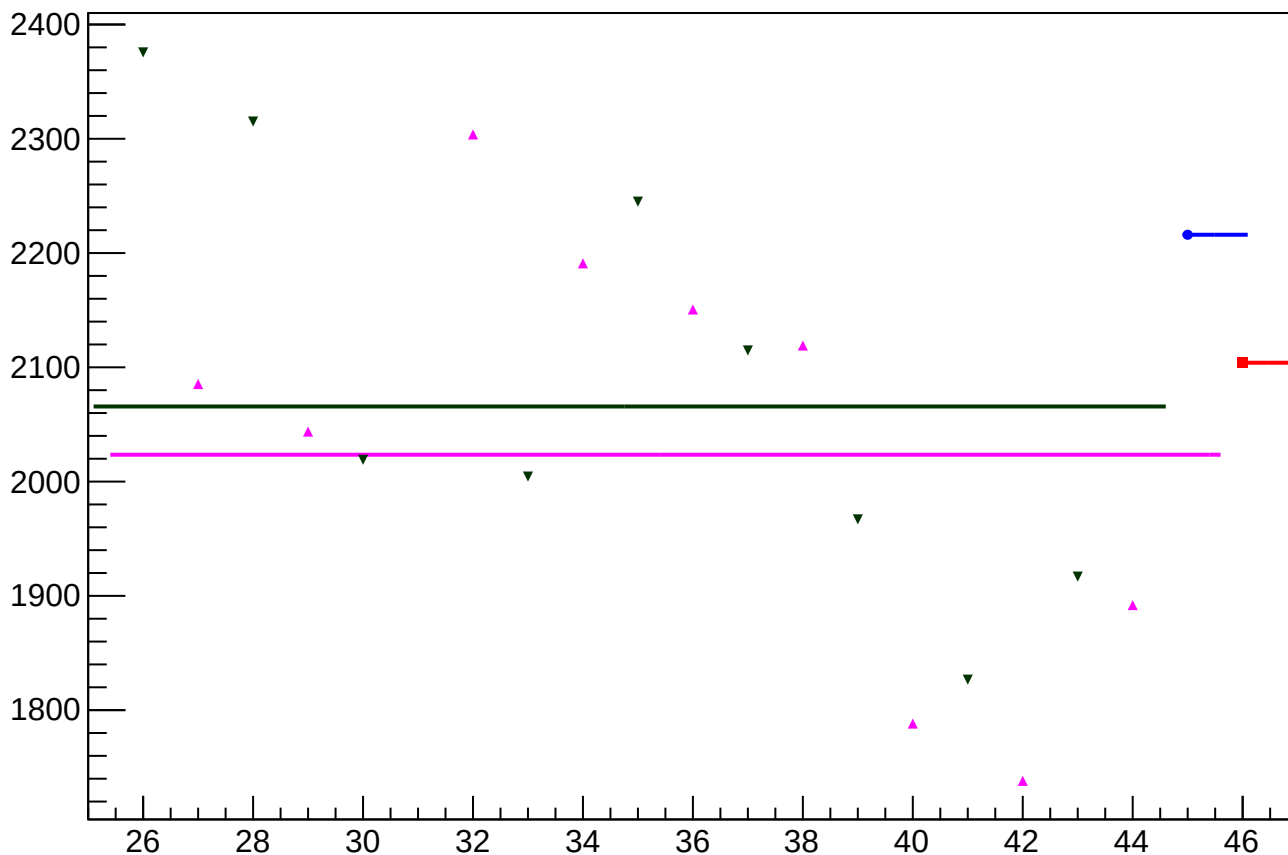
Right Out: 559.022 $\pm$ 3228.976 χ^2 /NDF: 0.0/0

Left In: 886.158 $\pm$ 856.437 χ^2 /NDF: 11.1/8

-131.299 $\pm$ 894.399 χ^2 /NDF: 7.7/9

864.656 $\pm$ 827.814 χ^2 /NDF: 11.1/9

cor_sam8_rms vs slug



Right In: 2216.013+/-1.996 χ^2/NDF : 0.0/0

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

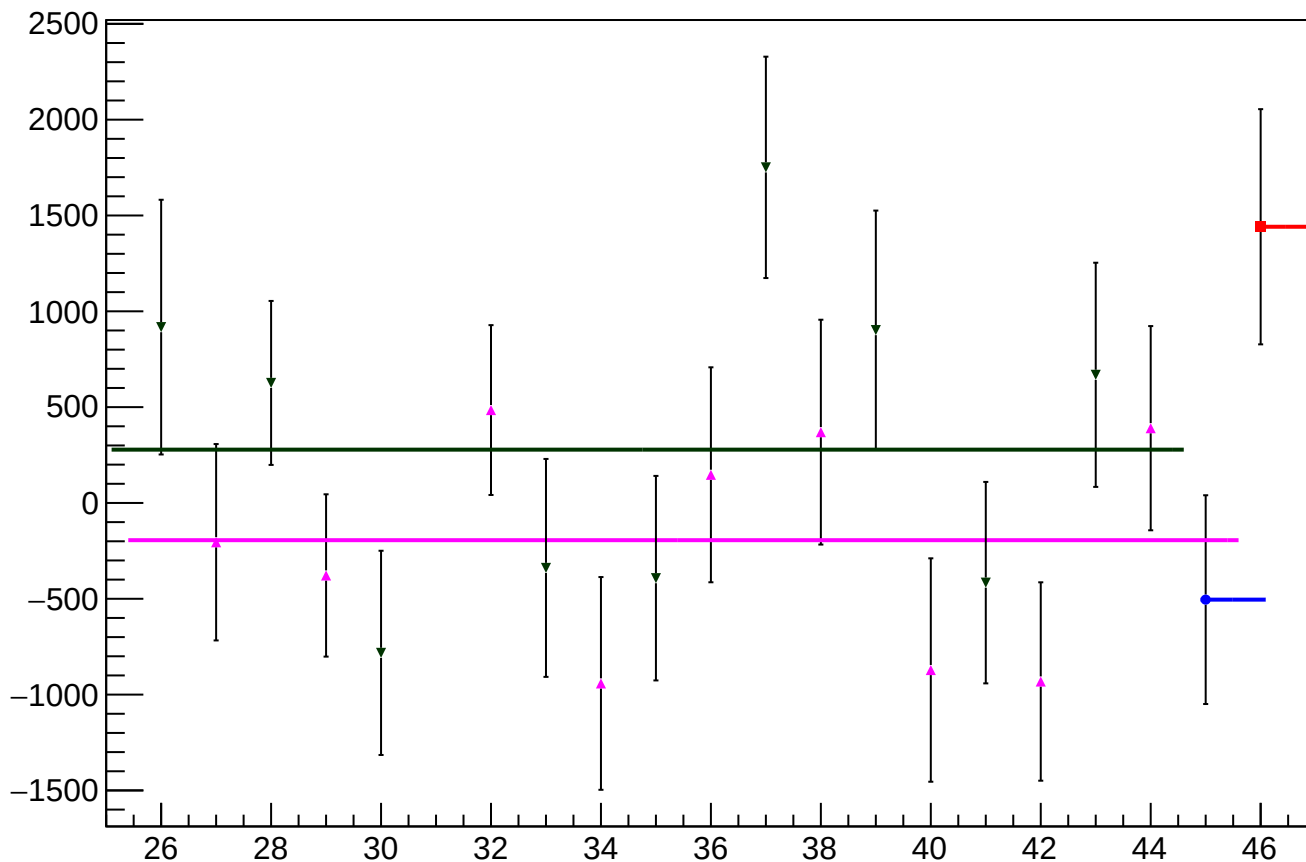
Right Out: 2104.017+/-2.283 χ^2/NDF : 0.0/0

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2080.813+/-0.632 χ^2/NDF : 75329.9/9

2028.809+/-0.585 χ^2/NDF : 90937.0/9

reg_asym_sam1_mean vs slug



Right In: -504.459+/-544.666 χ^2 /NDF: 0.0/0

Left Out: 278.172+/-182.670 χ^2 /NDF:18.0/8

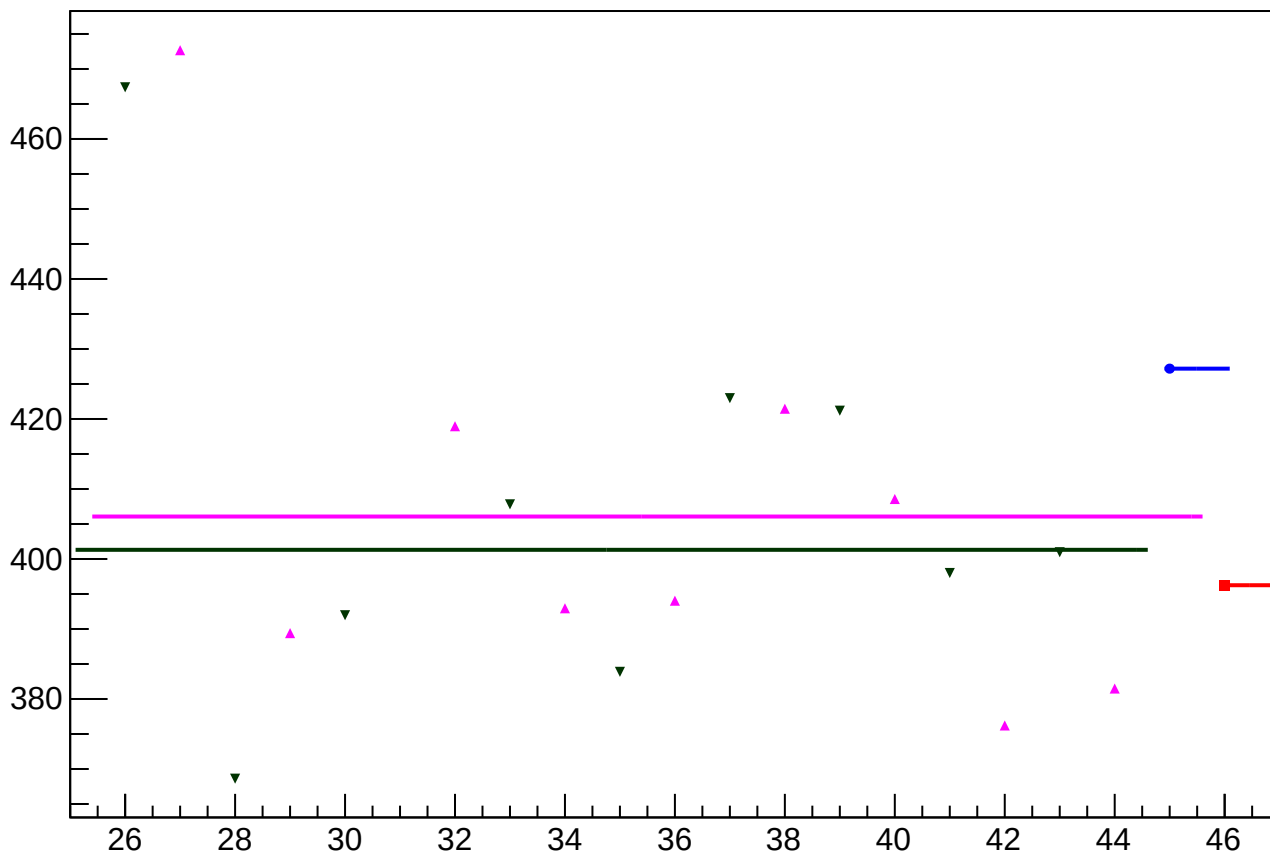
Right Out: 1441.201+/-613.635 χ^2 /NDF: 0.0/0

Left In: -194.244+/-171.477 χ^2 /NDF:10.2/8

199.043+/-173.189 χ^2 /NDF: 19.9/9

-75.784+/-165.150 χ^2 /NDF: 16.8/9

reg_asym_sam1_rms vs slug



Right In: 427.191+/-0.385 χ^2/NDF : 0.0/0

Left Out: 401.310+/-0.129 χ^2/NDF : 39388.5/8

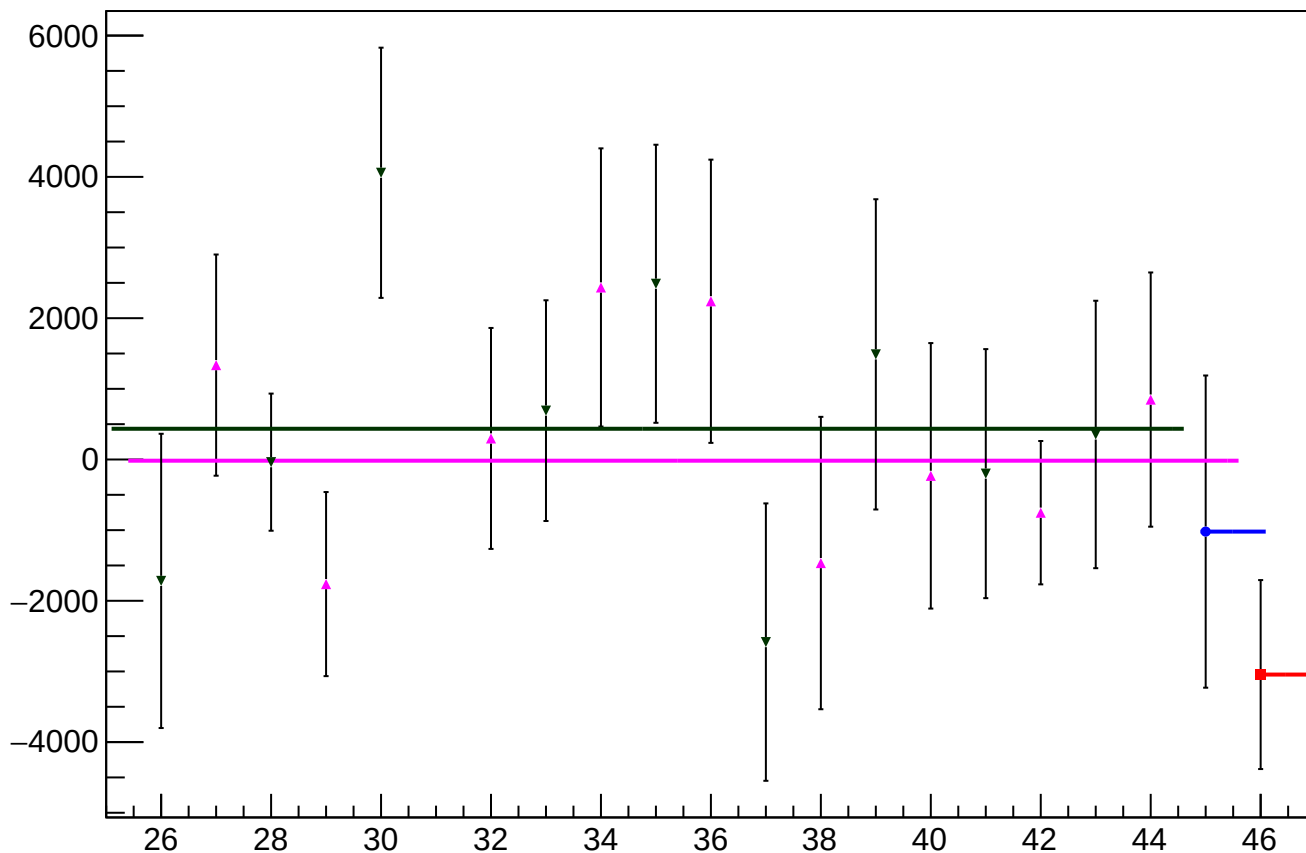
Right Out: 396.252+/-0.434 χ^2/NDF : 0.0/0

Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

403.927+/-0.122 χ^2/NDF : 43447.8/9

405.355+/-0.117 χ^2/NDF : 53427.7/9

asym_sam1_correction_mean vs slug



Right In: -1020.537+/-2209.388 χ^2 /NDF: 0.0/0

Left Out: 434.930+/-546.579 χ^2 /NDF:9.3/8

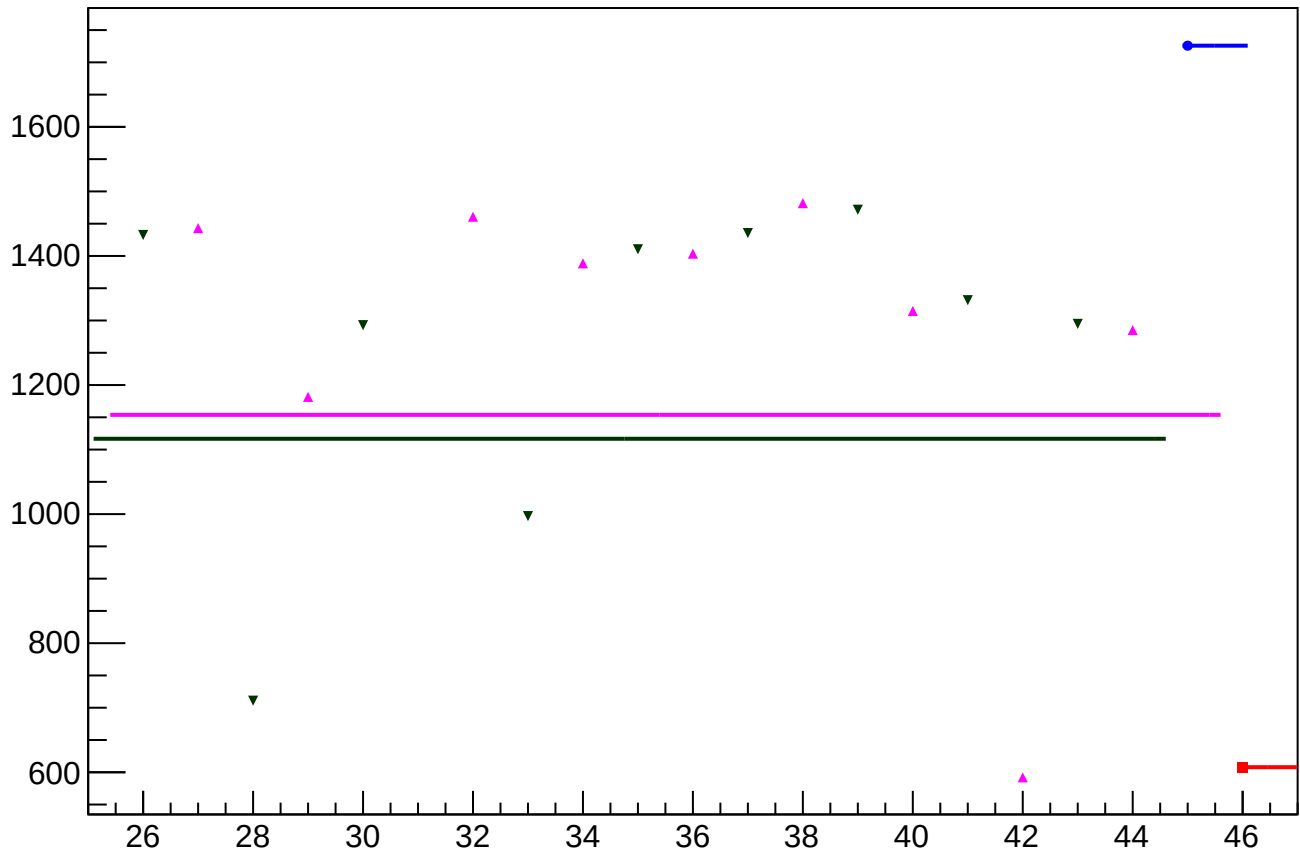
Right Out: -3044.091+/-1337.287 χ^2 /NDF: 0.0/0

Left In: -17.108+/-519.136 χ^2 /NDF:6.7/8

350.990+/-530.584 χ^2 /NDF: 9.7/9

-413.533+/-483.949 χ^2 /NDF: 11.1/9

asym_sam1_correction_rms vs slug



Right In: 1725.822+/-1.562 χ^2/NDF : 0.0/0

Left Out: 1116.751+/-0.386 χ^2/NDF : 624096.5/8

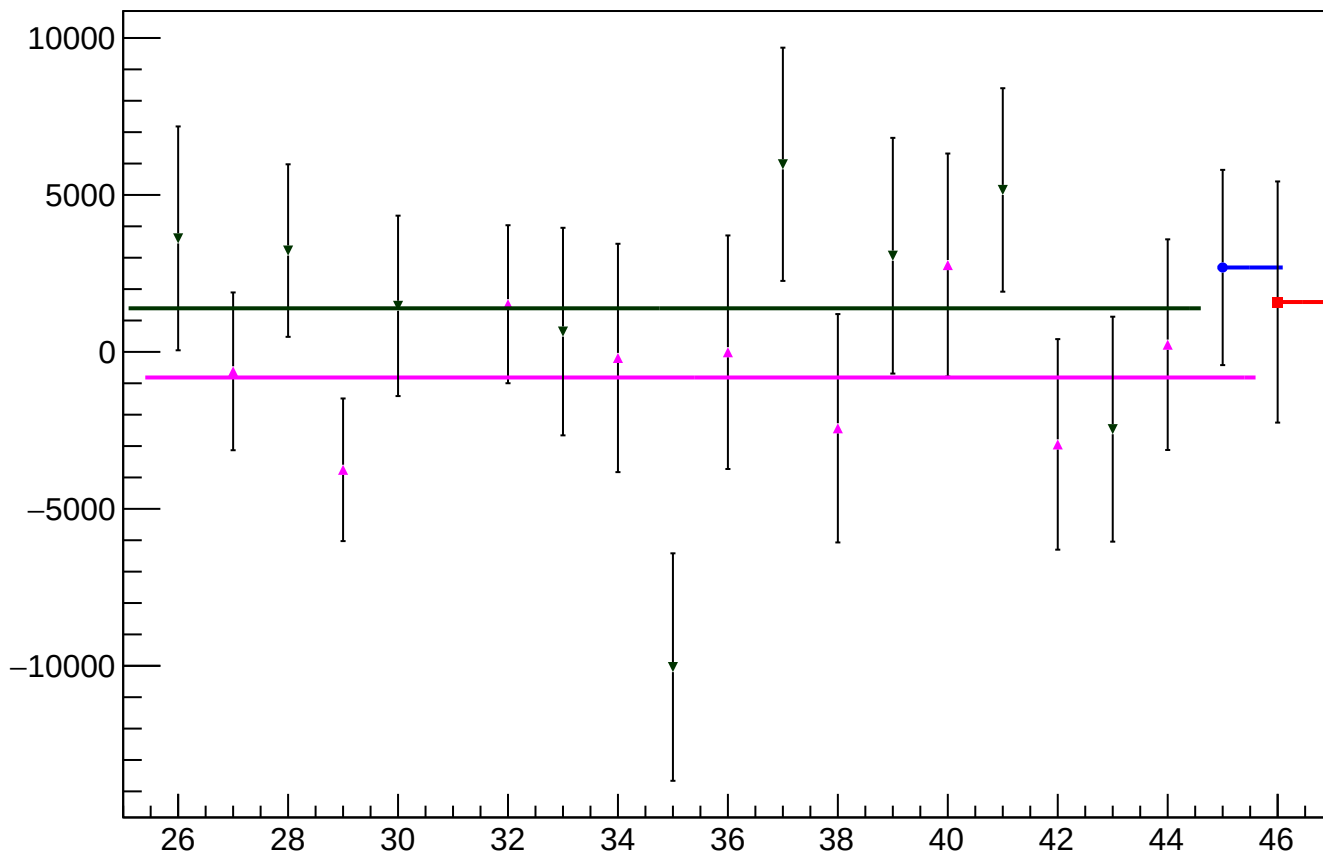
Right Out: 607.884+/-0.946 χ^2/NDF : 0.0/0

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

1151.877+/-0.375 χ^2/NDF : 767323.5/9

1082.292+/-0.342 χ^2/NDF : 1184053.2/9

reg_asym_sam2_mean vs slug



Right In: 2688.904+/-3109.772 χ^2/NDF : 0.0/0

Left Out: 1388.791+/-1106.824 χ^2/NDF :15.1/8

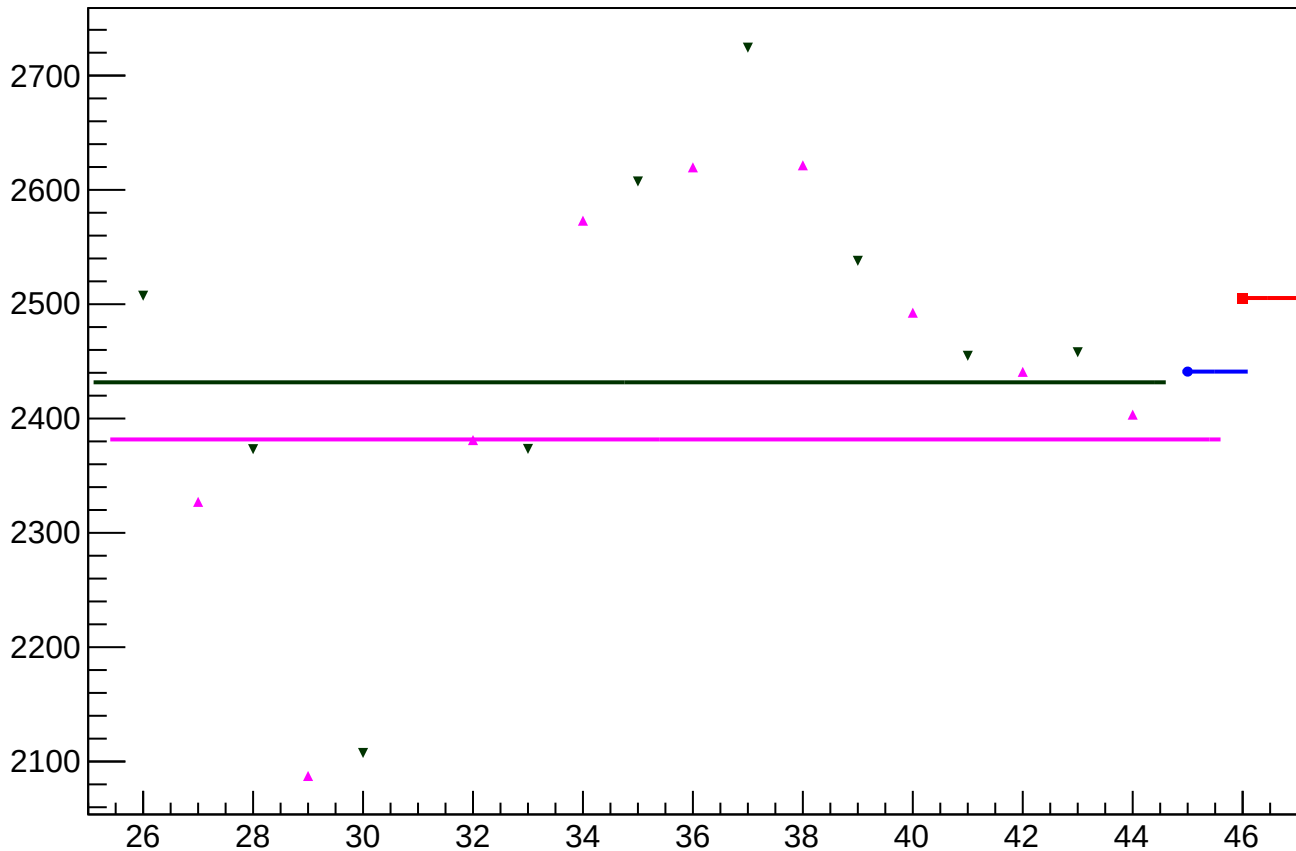
Right Out: 1588.780+/-3841.269 χ^2/NDF : 0.0/0

Left In: -815.233+/-1004.854 χ^2/NDF :4.3/8

1534.969+/-1042.747 χ^2/NDF : 15.2/9

-661.259+/-972.142 χ^2/NDF : 4.7/9

reg_asym_sam2_rms vs slug



Right In: 2441.055+/-2.199 χ^2/NDF : 0.0/0

Left Out: 2431.683+/-0.783 χ^2/NDF : 46819.5/8

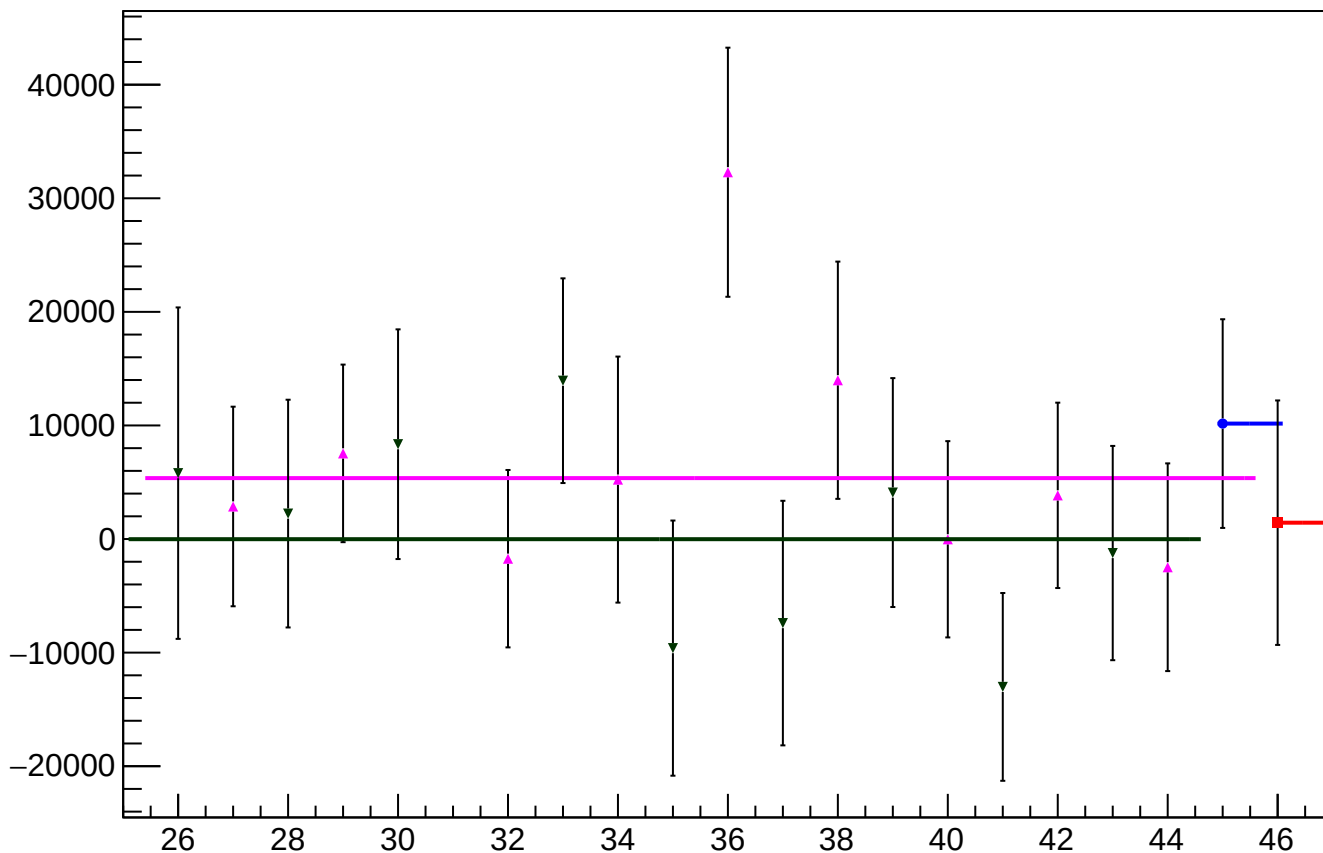
2432.736+/-0.737 χ^2/NDF : 46835.6/9

Right Out: 2505.411+/-2.716 χ^2/NDF : 0.0/0

2389.632+/-0.687 χ^2/NDF : 61530.1/9

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

asym_sam2_correction_mean vs slug



Right In: 10163.637 $\pm$ 9186.345 χ^2 /NDF: 0.0/0

Left Out: -13.656 $\pm$ 3351.634 χ^2 /NDF: 7.1/8

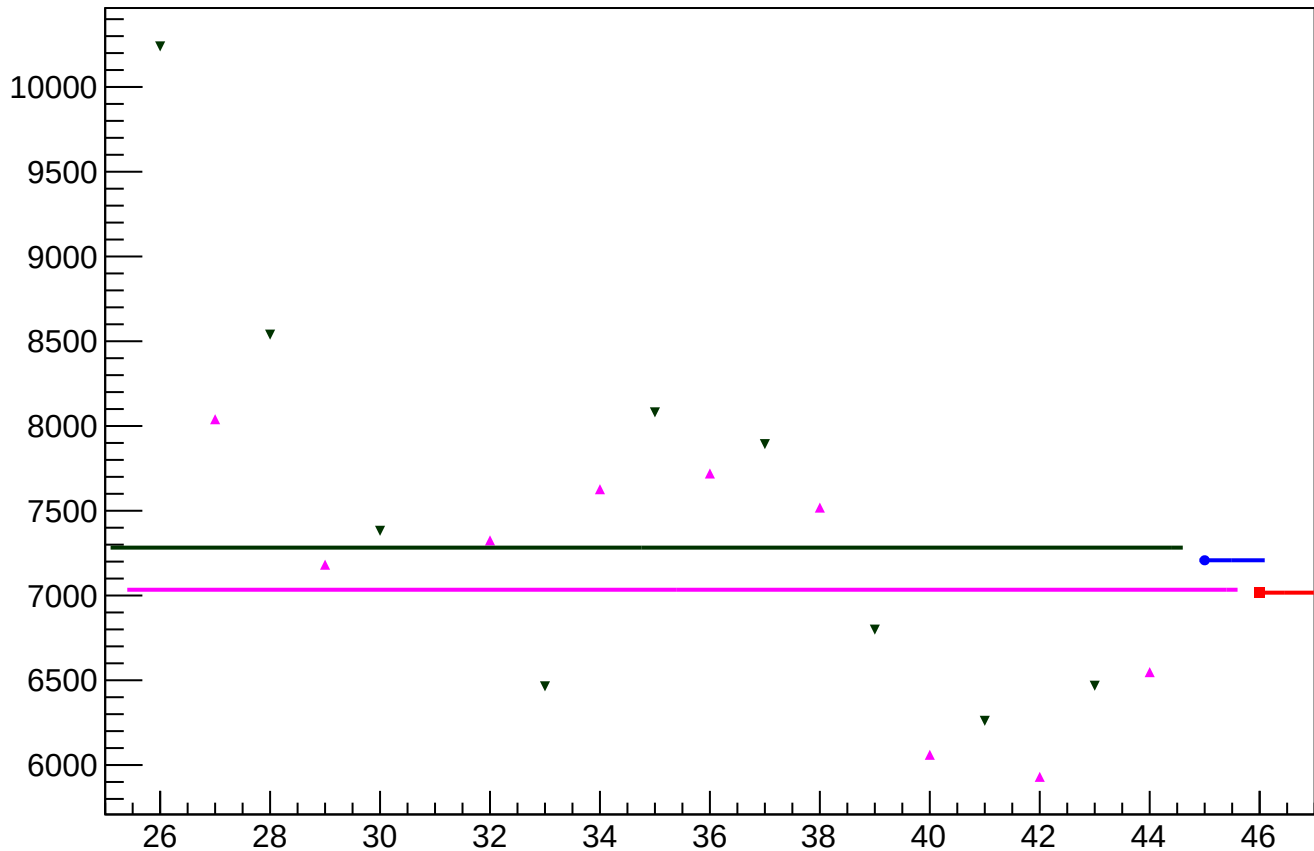
Right Out: 1438.696 $\pm$ 10761.603 χ^2 /NDF: 0.0/0

Left In: 5363.340 $\pm$ 2986.715 χ^2 /NDF: 8.9/8

1181.944 $\pm$ 3148.615 χ^2 /NDF: 8.2/9

5082.662 $\pm$ 2877.934 χ^2 /NDF: 9.0/9

asym_sam2_correction_rms vs slug



Right In: 7207.831+/-6.496 χ^2/NDF : 0.0/0

Left Out: 7282.484+/-2.370 χ^2/NDF :196859.8/8

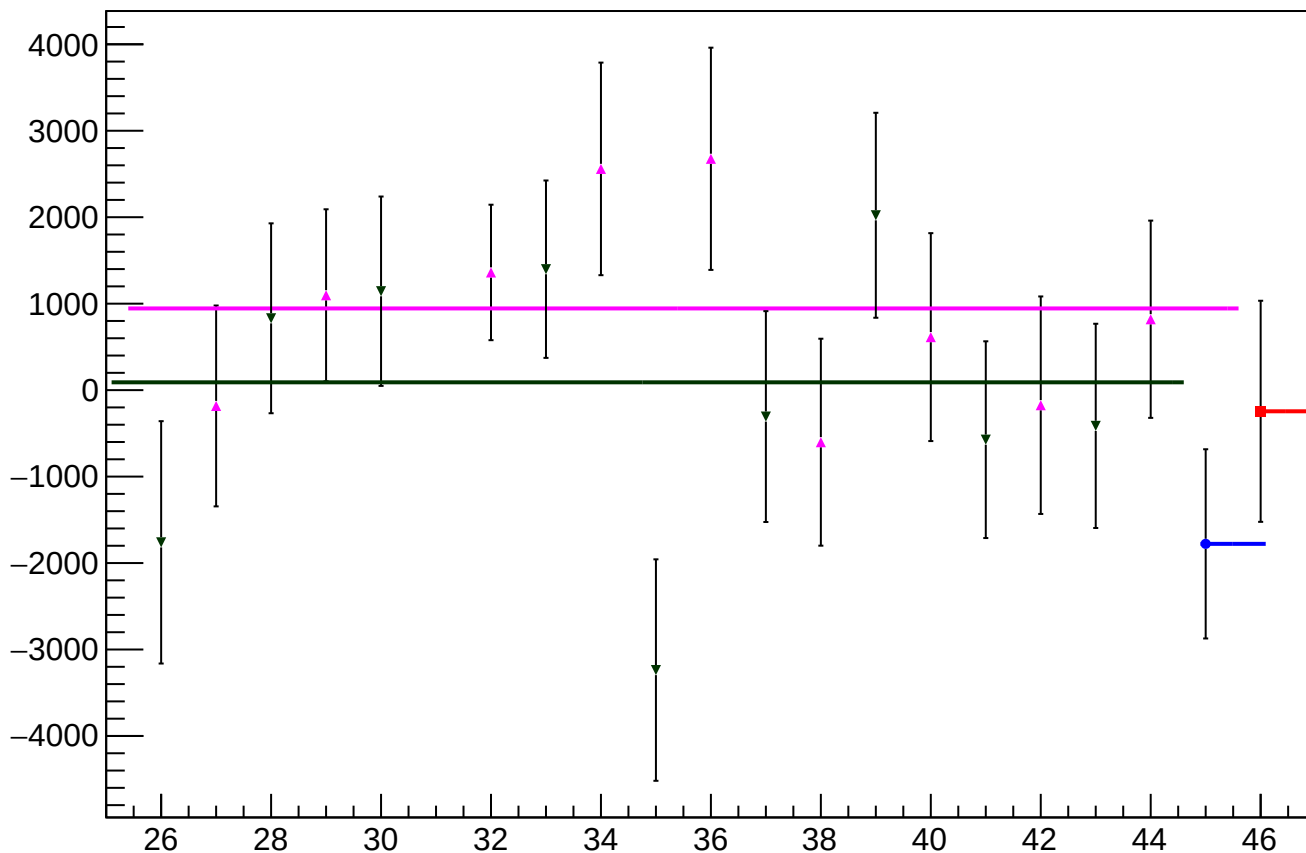
7273.714+/-2.226 χ^2/NDF : 196976.4/9

Right Out: 7016.806+/-7.610 χ^2/NDF : 0.0/0

7032.792+/-2.035 χ^2/NDF : 115481.9/9

Left In: 7034.023+/-2.112 χ^2/NDF :115477.2/8

reg_asym_sam3_mean vs slug



Right In: -1778.066 $\pm$ 1094.309 χ^2 /NDF: 0.0/0

Left Out: 90.339 $\pm$ 389.088 χ^2 /NDF:14.8/8

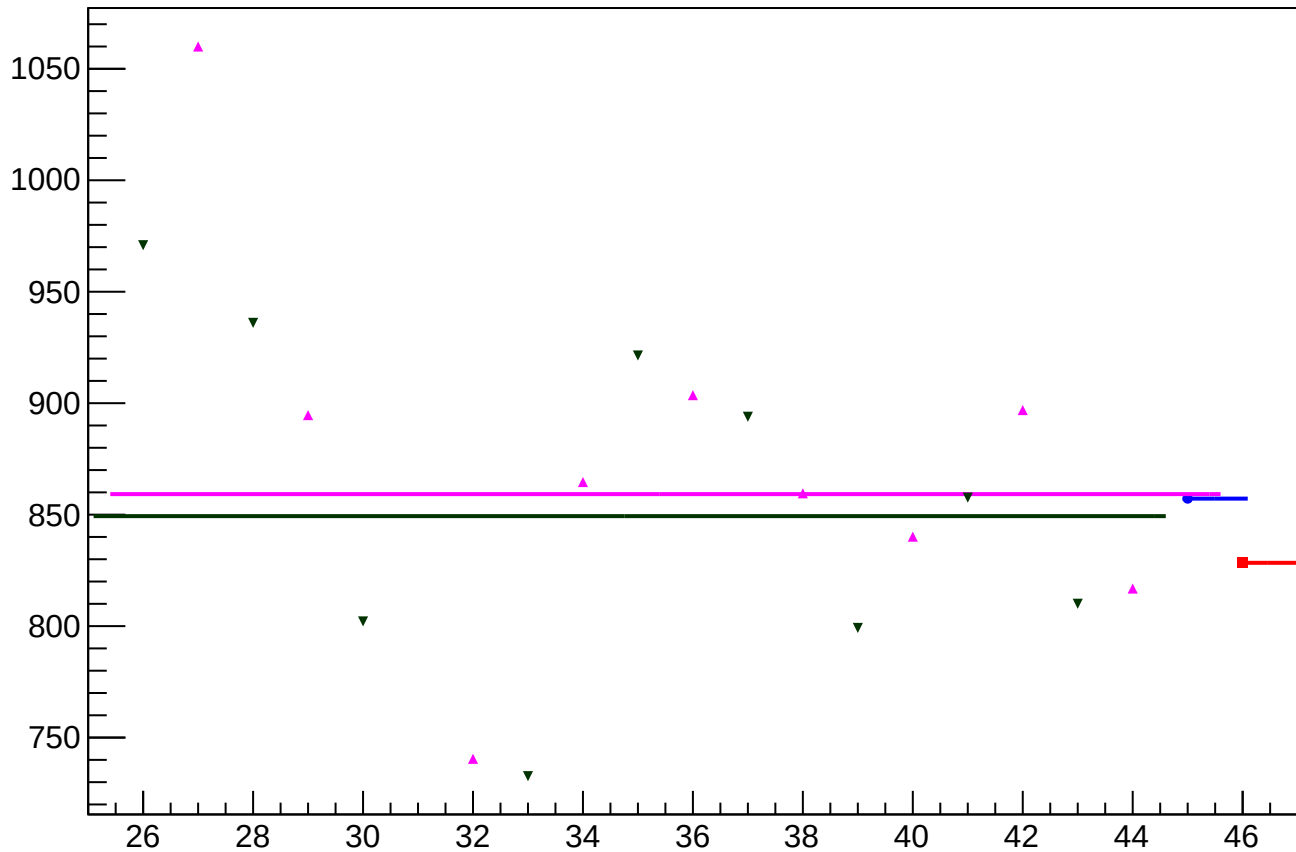
Right Out: -244.802 $\pm$ 1278.531 χ^2 /NDF: 0.0/0

Left In: 944.816 $\pm$ 366.628 χ^2 /NDF:7.3/8

-119.356 $\pm$ 366.605 χ^2 /NDF: 17.4/9

854.426 $\pm$ 352.424 χ^2 /NDF: 8.1/9

reg_asym_sam3_rms vs slug



Right In: 857.196 ± 0.774 χ^2/NDF : 0.0/0

Left Out: 849.335 ± 0.275 χ^2/NDF : 71988.4/8

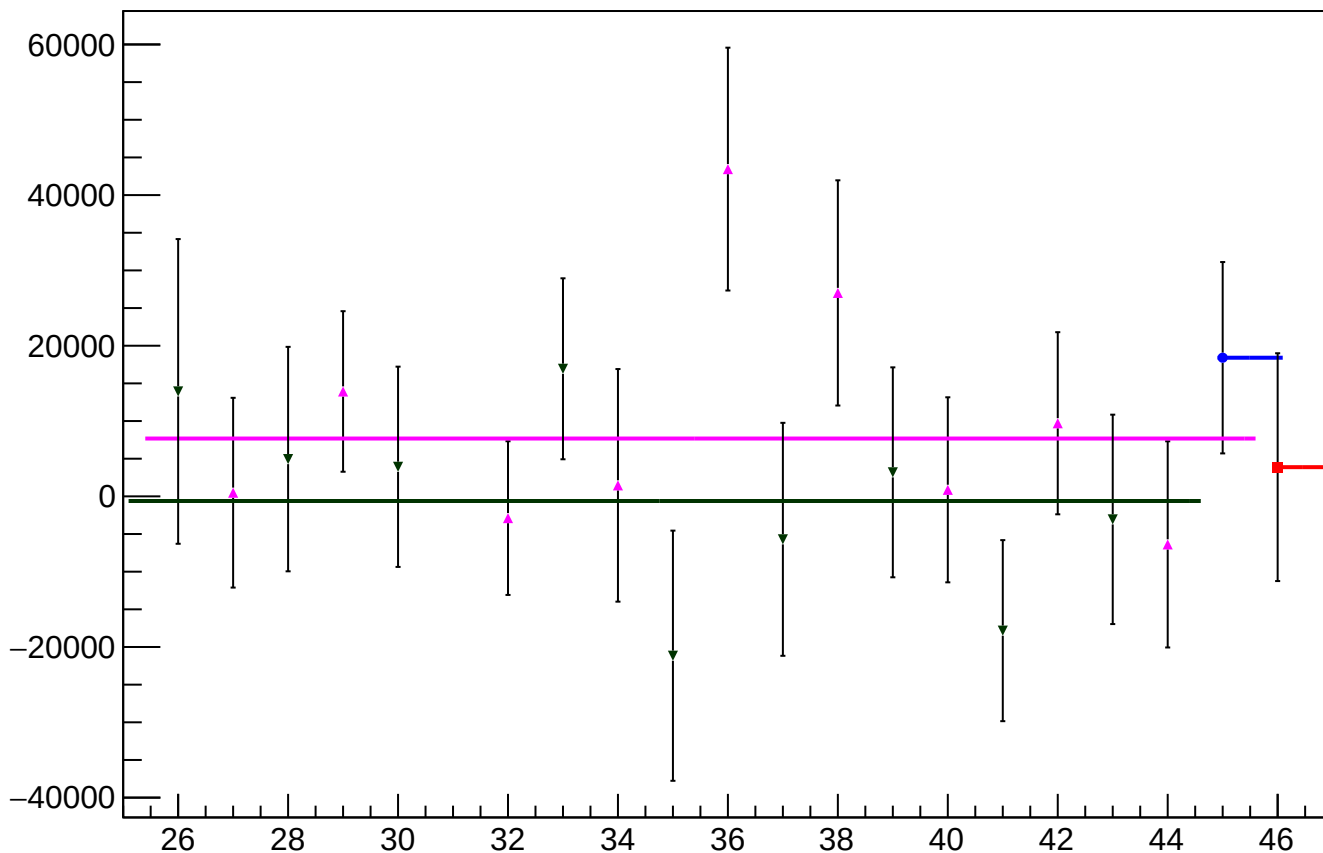
Right Out: 828.396 ± 0.904 χ^2/NDF : 0.0/0

Left In: 859.215 ± 0.259 χ^2/NDF : 115716.9/8

850.217 ± 0.259 χ^2/NDF : 72080.1/9

856.873 ± 0.249 χ^2/NDF : 116790.7/9

asym_sam3_correction_mean vs slug



Right In: 18407.202+/-12704.221 χ^2/NDF : 0.0/0

Left Out: -616.435+/-4735.998 χ^2/NDF : 6.7/8

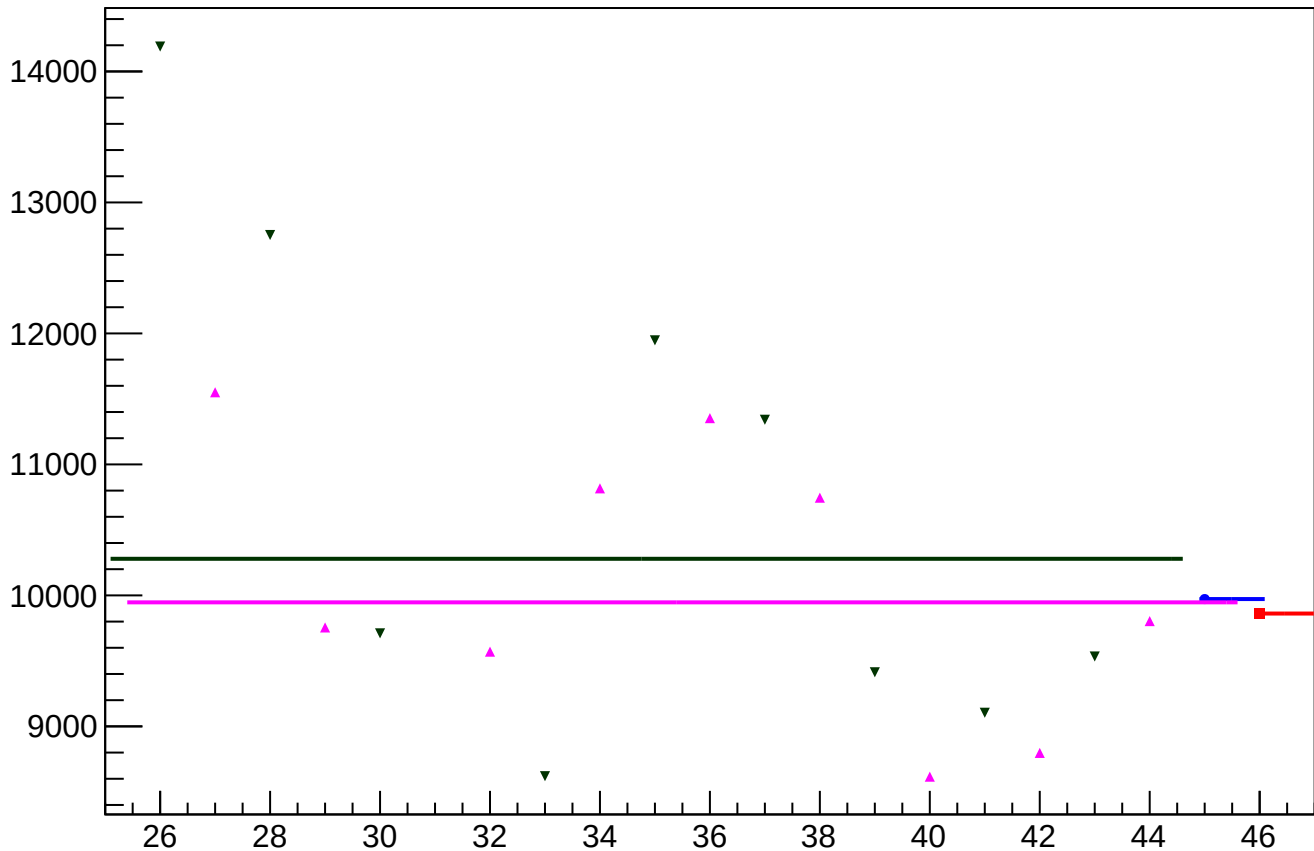
Right Out: 3876.897+/-15123.179 χ^2/NDF : 0.0/0

Left In: 7678.057+/-4224.700 χ^2/NDF : 9.9/8

1704.738+/-4437.670 χ^2/NDF : 8.7/9

7402.896+/-4068.917 χ^2/NDF : 9.9/9

asym_sam3_correction_rms vs slug



Right In: 9972.009+/-8.983 χ^2/NDF : 0.0/0

Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8

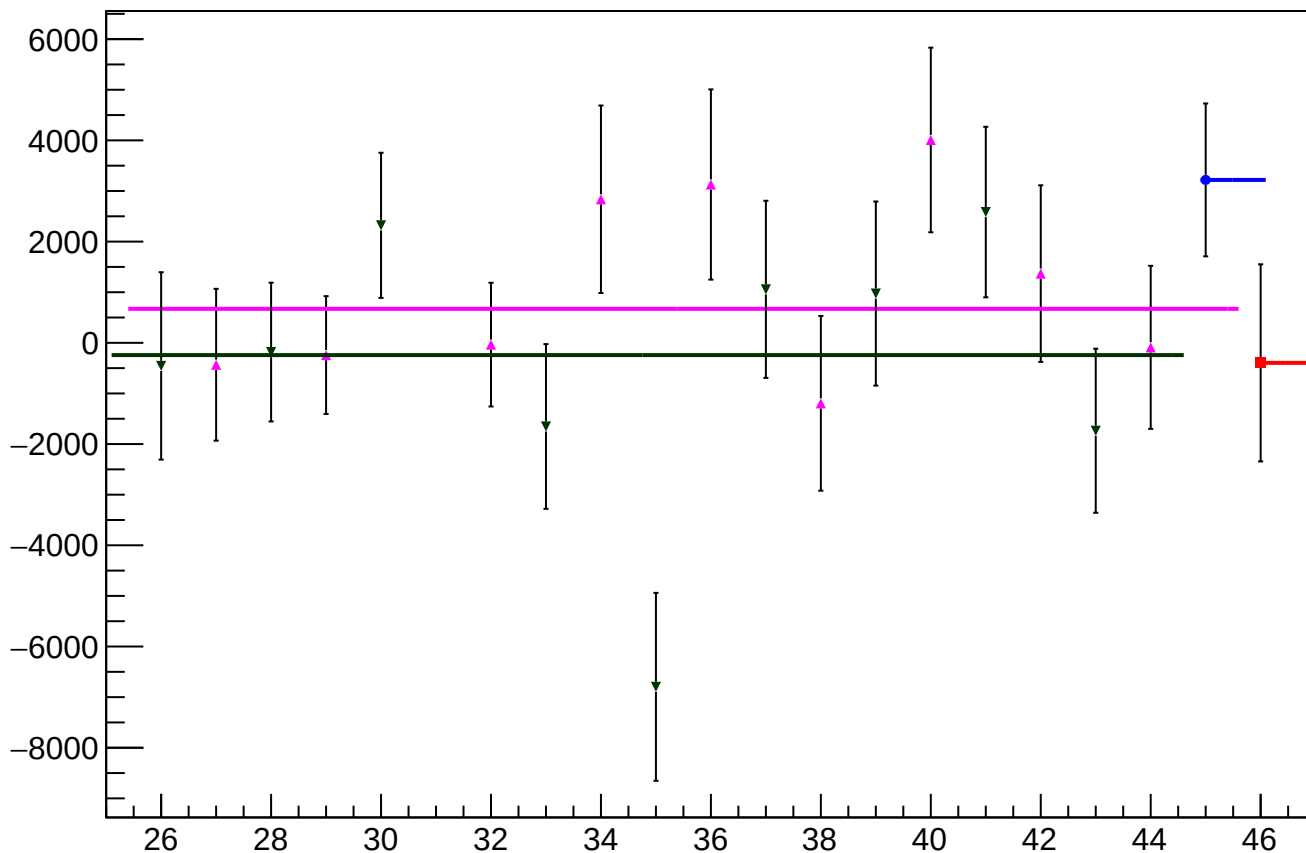
10241.887+/-3.138 χ^2/NDF : 234864.0/9

Right Out: 9861.403+/-10.694 χ^2/NDF : 0.0/0

9940.648+/-2.877 χ^2/NDF : 104896.9/9

Left In: 9946.833+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 3218.780+/-1509.964 χ^2/NDF : 0.0/0

Left Out: -242.182+/-547.136 χ^2/NDF : 21.1/8

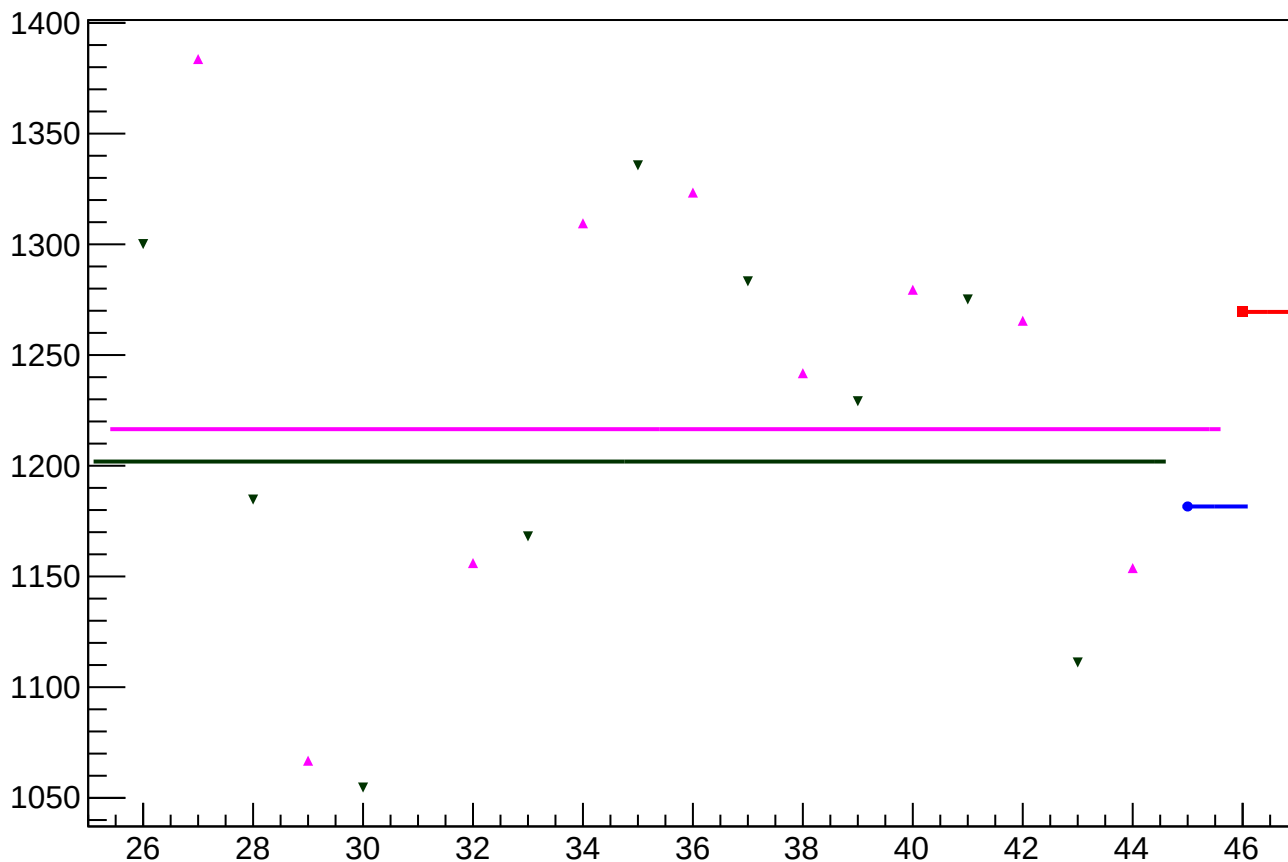
Right Out: -395.709+/-1947.108 χ^2/NDF : 0.0/0

Left In: 671.583+/-514.509 χ^2/NDF : 9.5/8

159.495+/-514.407 χ^2/NDF : 25.7/9

601.924+/-497.435 χ^2/NDF : 9.7/9

reg_asym_sam4_rms vs slug



Right In: 1181.606 $\pm$ 1.068 χ^2 /NDF: 0.0/0

Left Out: 1201.899 $\pm$ 0.387 χ^2 /NDF:53101.4/8

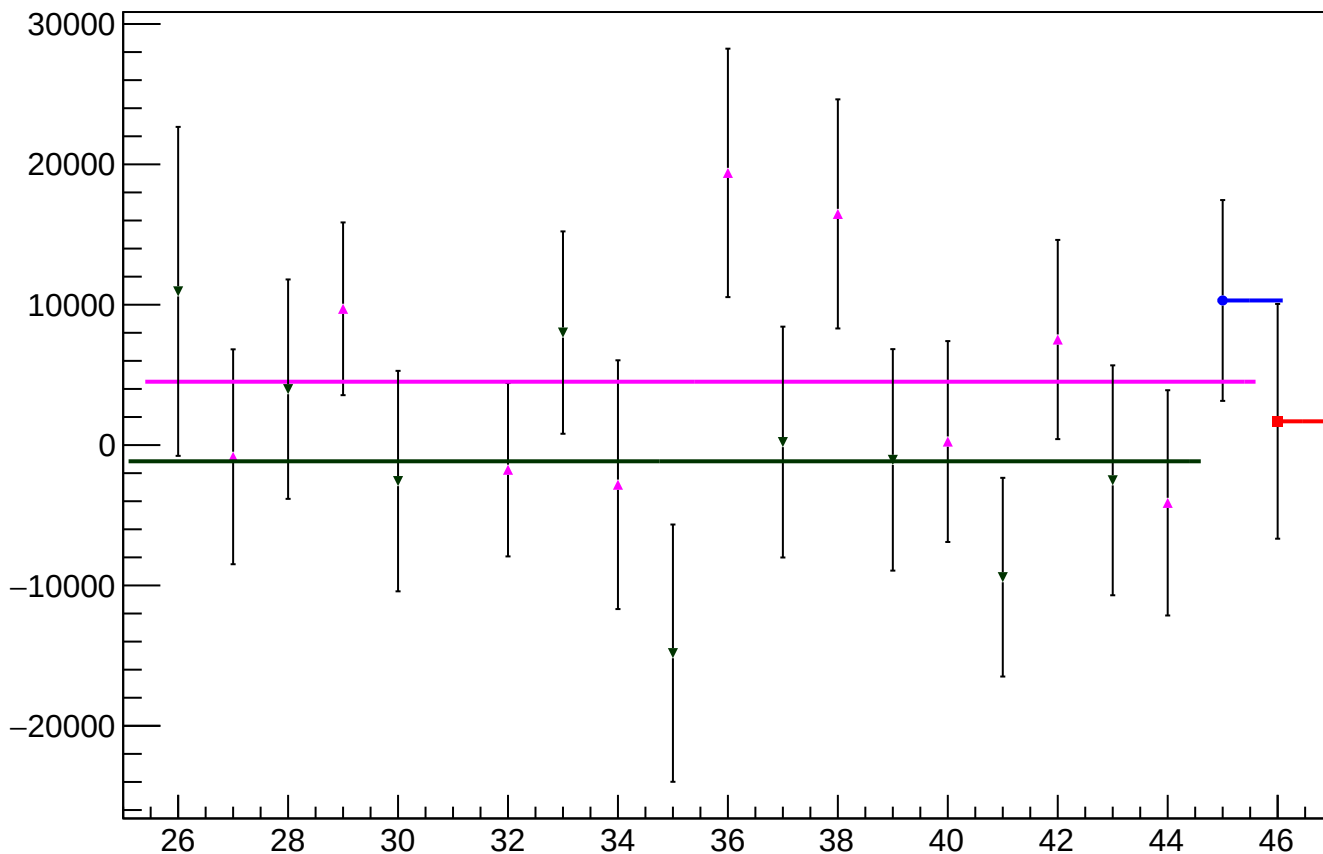
Right Out: 1269.472 $\pm$ 1.377 χ^2 /NDF: 0.0/0

Left In: 1216.519 $\pm$ 0.364 χ^2 /NDF:81775.0/8

1199.543 $\pm$ 0.364 χ^2 /NDF: 53420.7/9

1219.975 $\pm$ 0.352 χ^2 /NDF: 83157.7/9

asym_sam4_correction_mean vs slug



Right In: 10303.023 $\pm$ 7153.500 χ^2 /NDF: 0.0/0

Left Out: -1154.532 $\pm$ 2704.371 χ^2 /NDF:6.8/8

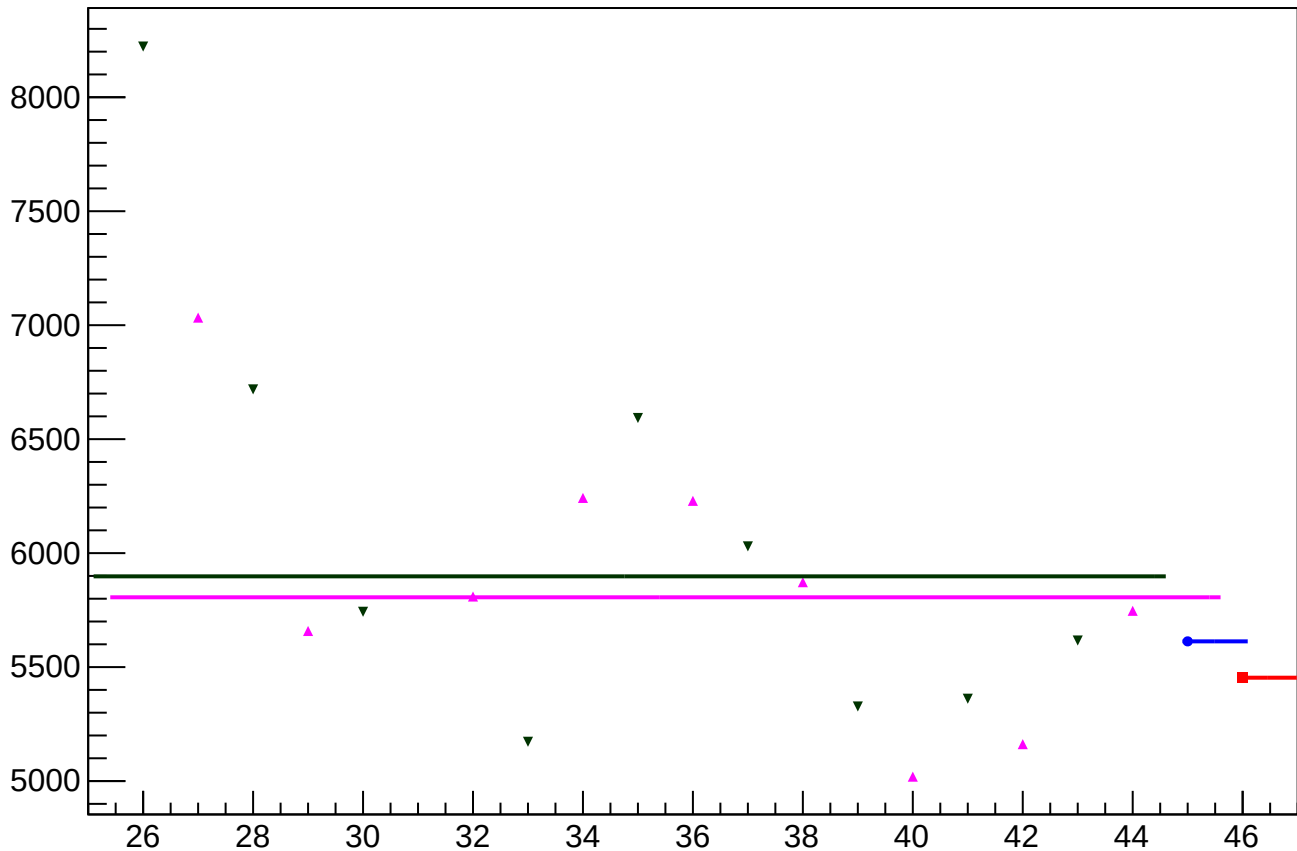
Right Out: 1692.521 $\pm$ 8362.967 χ^2 /NDF: 0.0/0

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF:9.6/8

278.220 $\pm$ 2529.637 χ^2 /NDF: 9.0/9

4289.937 $\pm$ 2360.779 χ^2 /NDF: 9.7/9

asym_sam4_correction_rms vs slug



Right In: 5612.918+/-5.058 χ^2/NDF : 0.0/0

Left Out: 5898.122+/-1.912 χ^2/NDF :158096.1/8

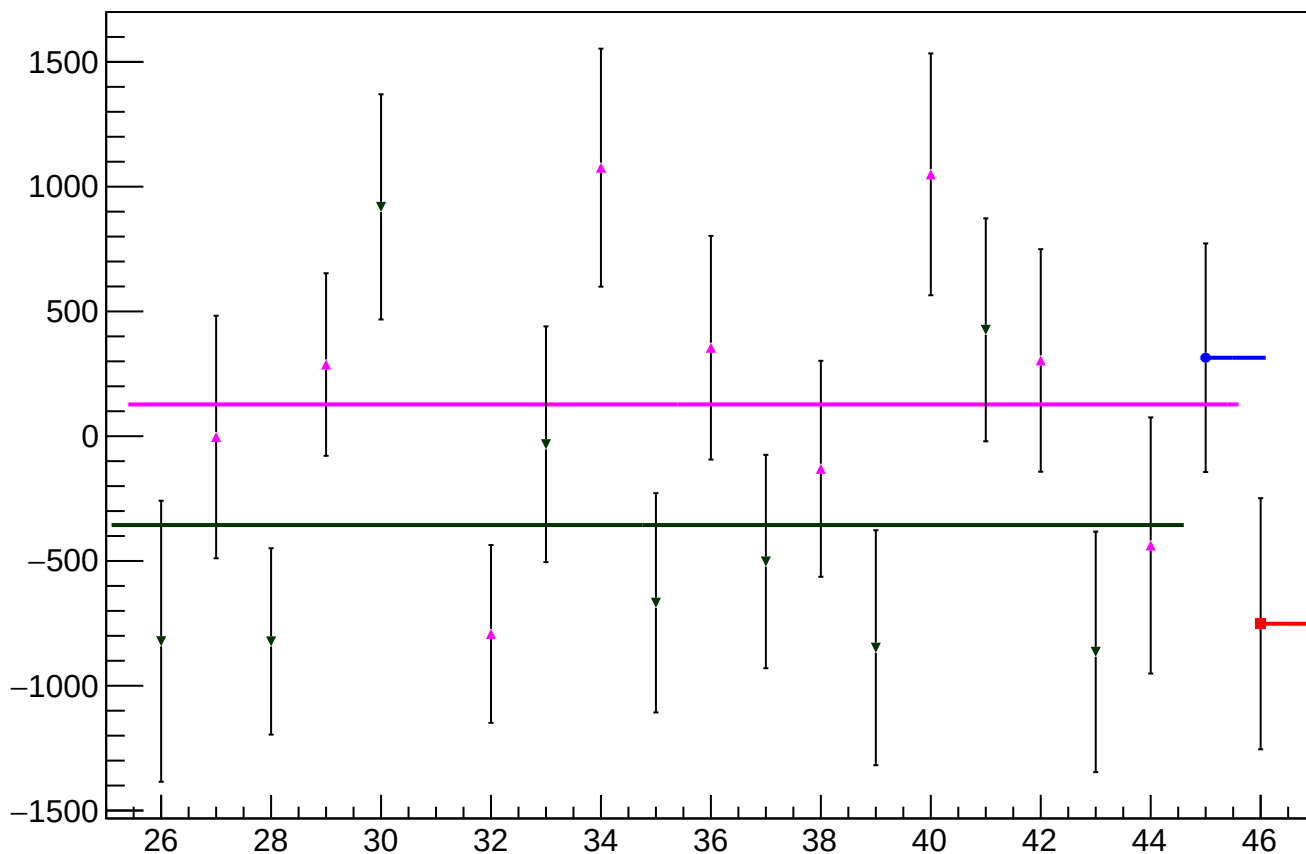
5862.458+/-1.789 χ^2/NDF : 160877.6/9

Right Out: 5453.497+/-5.914 χ^2/NDF : 0.0/0

5778.135+/-1.669 χ^2/NDF : 106134.6/9

Left In: 5806.244+/-1.740 χ^2/NDF :102859.9/8

reg_asym_sam5_mean vs slug



Right In: 314.416+/-458.158 χ^2/NDF : 0.0/0

Left Out: -356.000+/-150.426 χ^2/NDF : 16.6/8

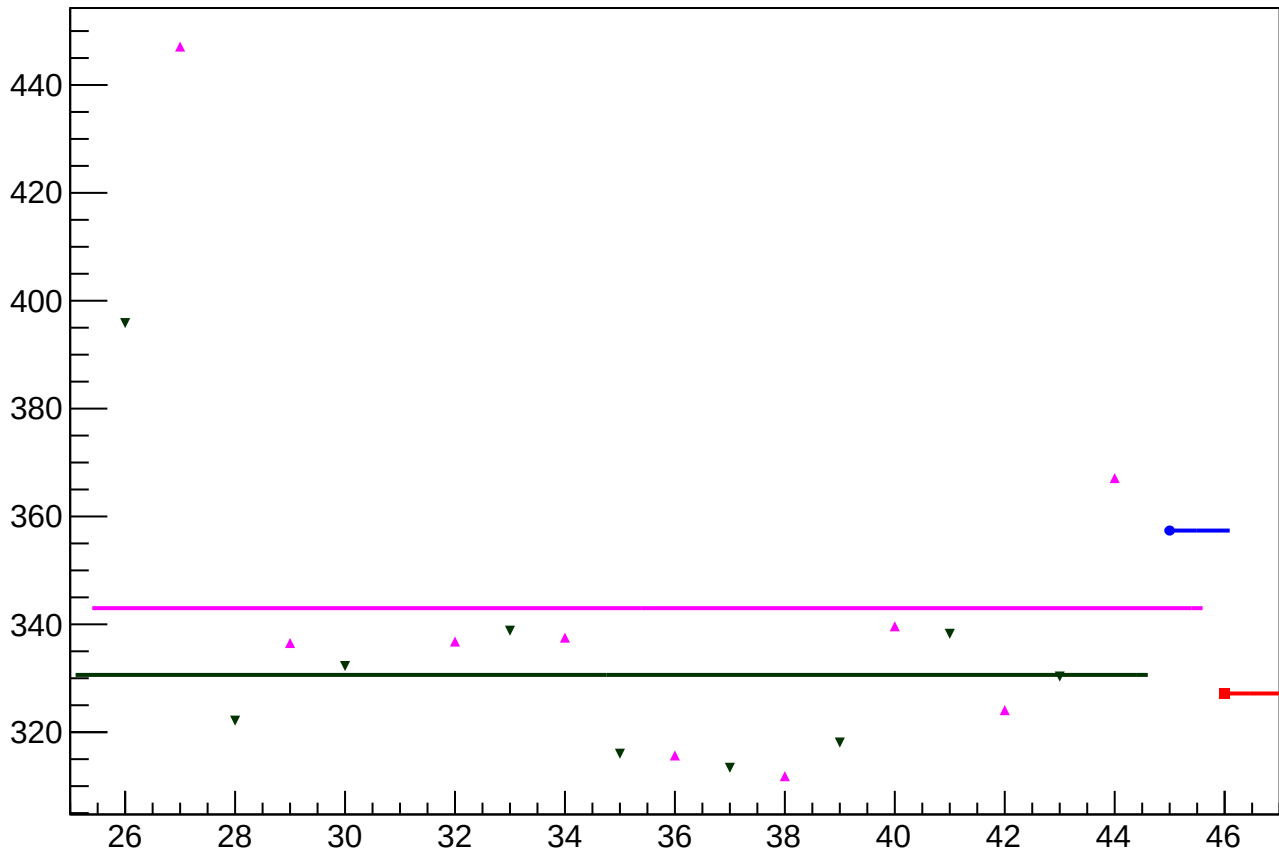
Right Out: -751.484+/-503.283 χ^2/NDF : 0.0/0

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-290.763+/-142.920 χ^2/NDF : 18.5/9

59.695+/-139.586 χ^2/NDF : 19.3/9

reg_asym_sam5_rms vs slug



Right In: 357.386 $\pm$ 0.324 χ^2 /NDF: 0.0/0

Left Out: 330.623 $\pm$ 0.106 χ^2 /NDF: 35956.4/8

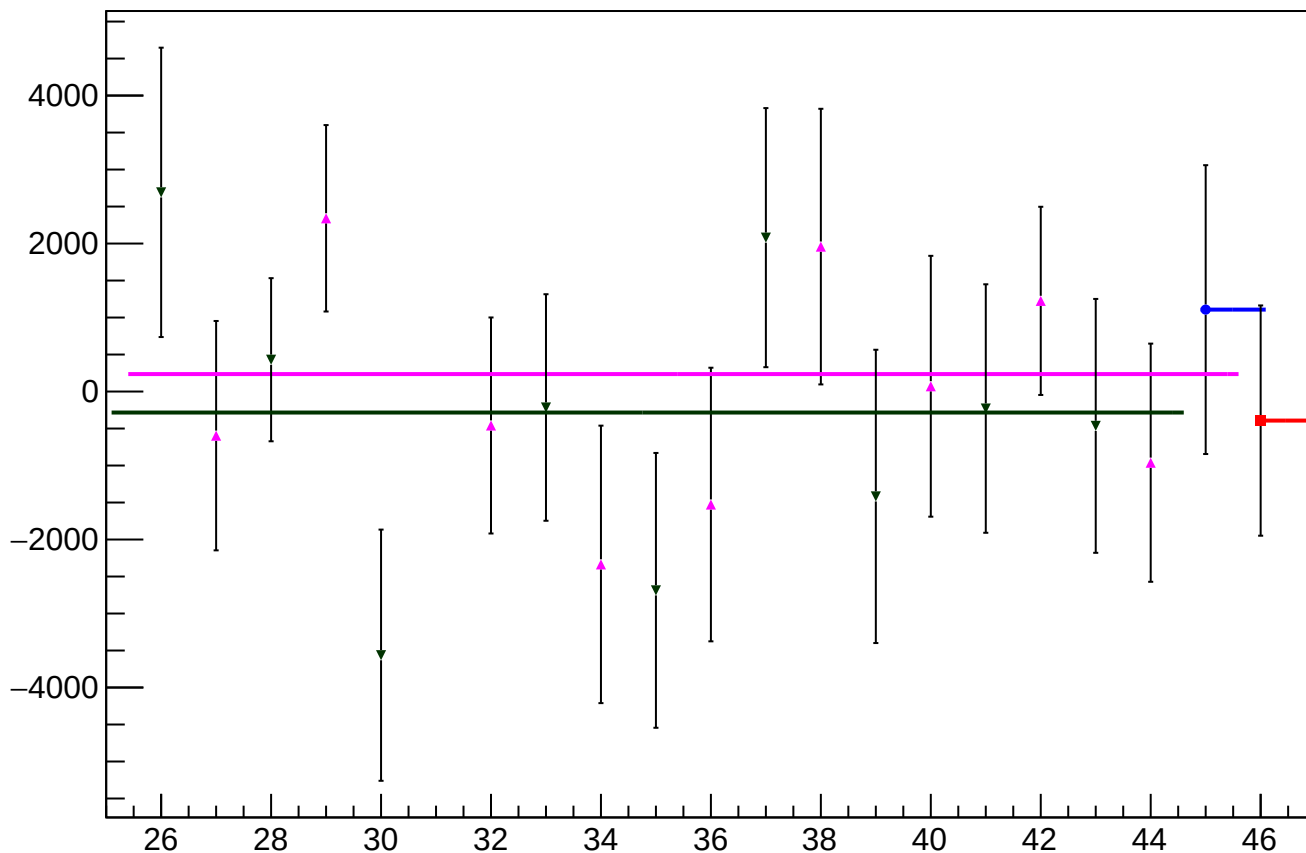
333.227 $\pm$ 0.101 χ^2 /NDF: 42116.8/9

Right Out: 327.180 $\pm$ 0.356 χ^2 /NDF: 0.0/0

341.782 $\pm$ 0.099 χ^2 /NDF: 121046.0/9

Left In: 342.999 $\pm$ 0.103 χ^2 /NDF: 119222.1/8

asym_sam5_correction_mean vs slug



Right In: 1107.248 $\pm$ 1951.813 χ^2 /NDF: 0.0/0

Left Out: -283.767 $\pm$ 540.454 χ^2 /NDF:10.3/8

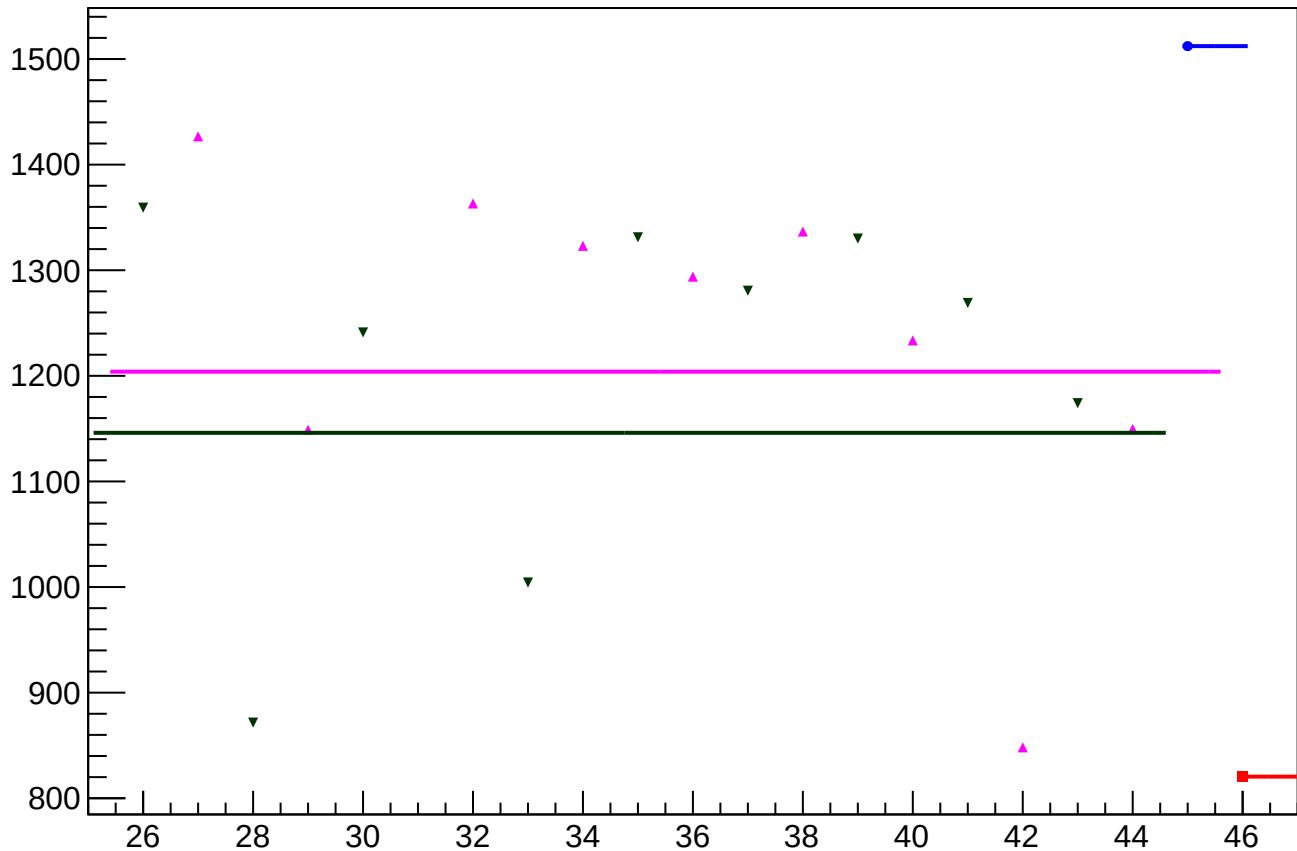
Right Out: -392.523 $\pm$ 1555.895 χ^2 /NDF: 0.0/0

Left In: 235.887 $\pm$ 519.362 χ^2 /NDF:8.1/8

-184.709 $\pm$ 520.855 χ^2 /NDF: 10.8/9

172.886 $\pm$ 492.641 χ^2 /NDF: 8.3/9

asym_sam5_correction_rms vs slug



Right In: 1512.213+/-1.380 χ^2/NDF : 0.0/0

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

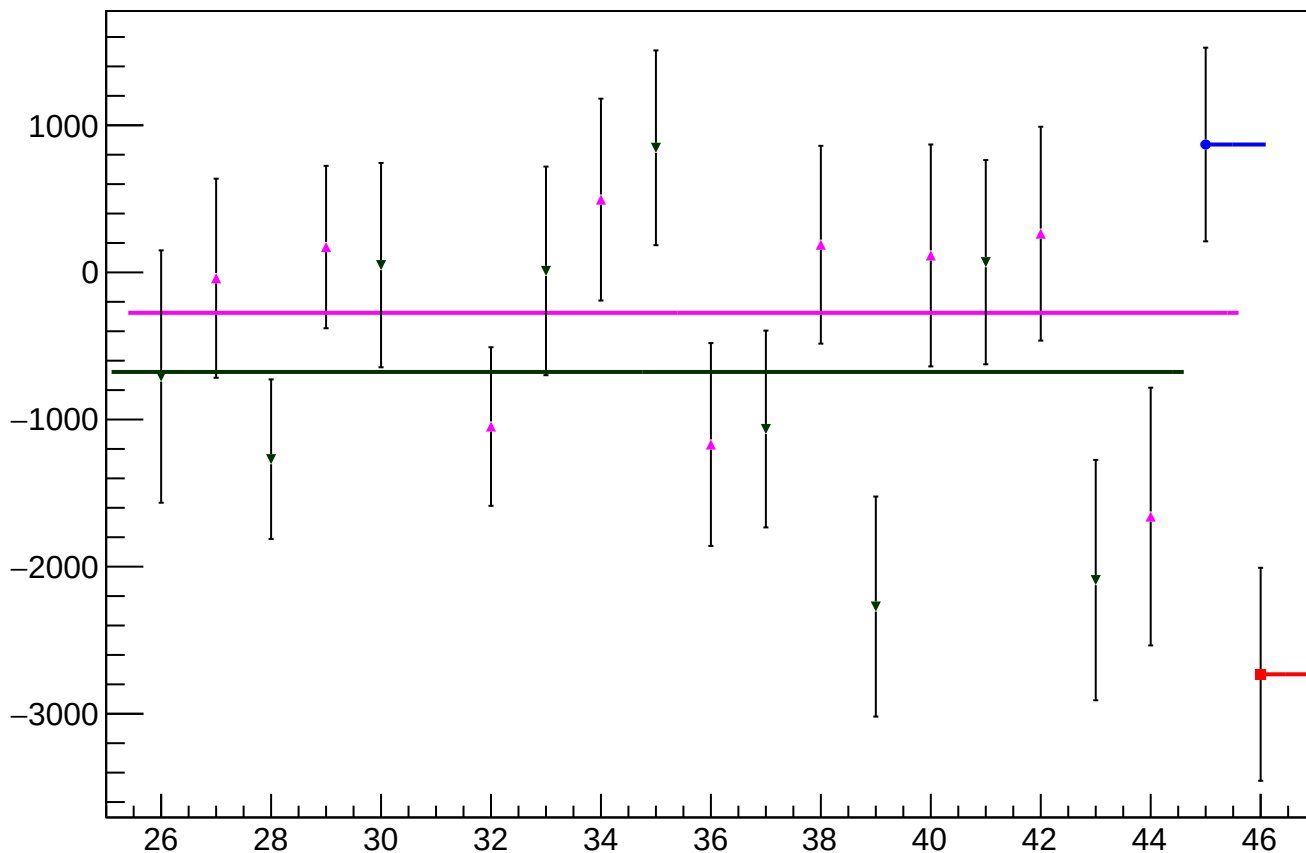
Right Out: 820.465+/-1.100 χ^2/NDF : 0.0/0

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

1172.113+/-0.368 χ^2/NDF : 296726.1/9

1165.503+/-0.348 χ^2/NDF : 360611.3/9

reg_asym_sam6_mean vs slug



Right In: 869.202+/-658.253 χ^2/NDF : 0.0/0

Left Out: -676.628+/-231.223 χ^2/NDF :17.6/8

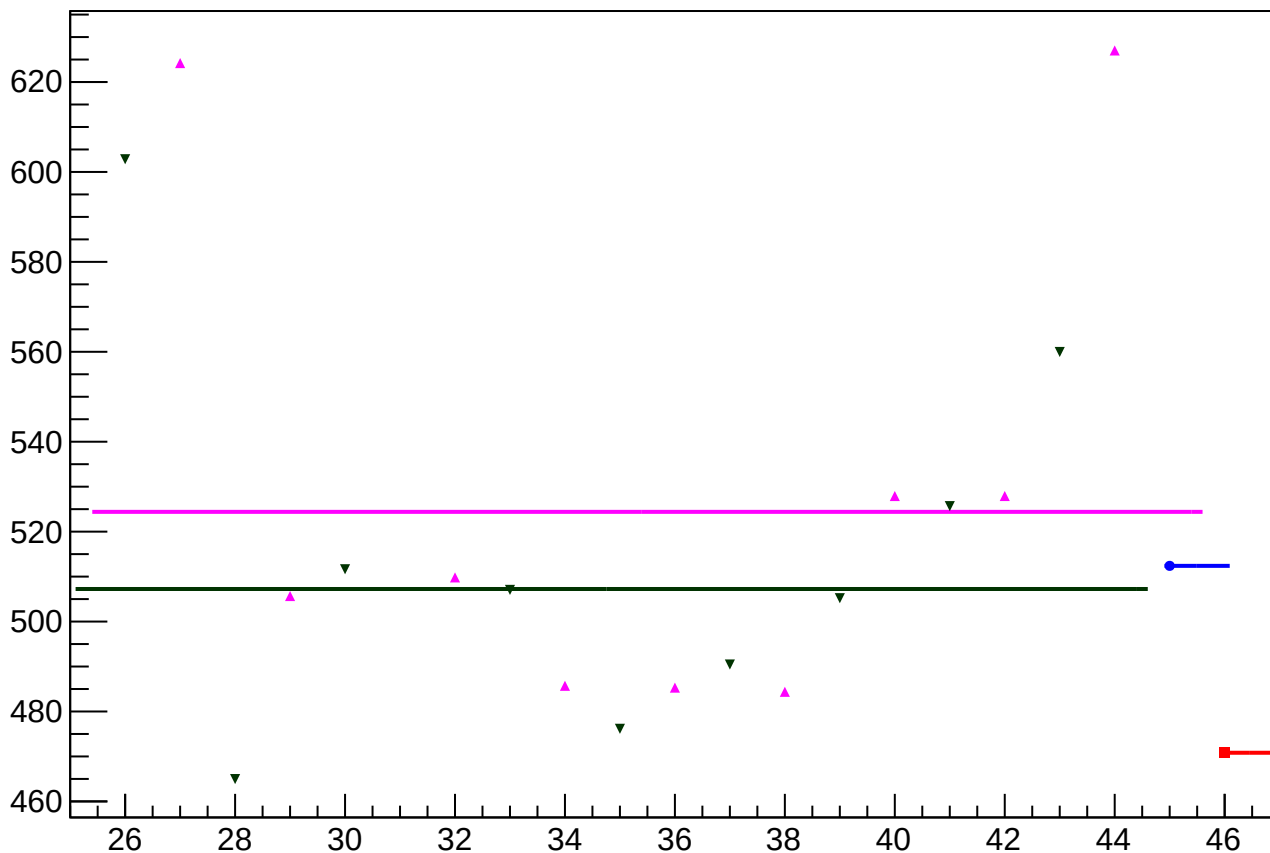
Right Out: -2731.550+/-723.988 χ^2/NDF : 0.0/0

Left In: -274.897+/-221.916 χ^2/NDF :9.6/8

-506.839+/-218.156 χ^2/NDF : 22.5/9

-485.886+/-212.173 χ^2/NDF : 20.1/9

reg_asym_sam6_rms vs slug



Right In: 512.390 ± 0.465 χ^2/NDF : 0.0/0

Left Out: 507.245 ± 0.163 χ^2/NDF : 52506.9/8

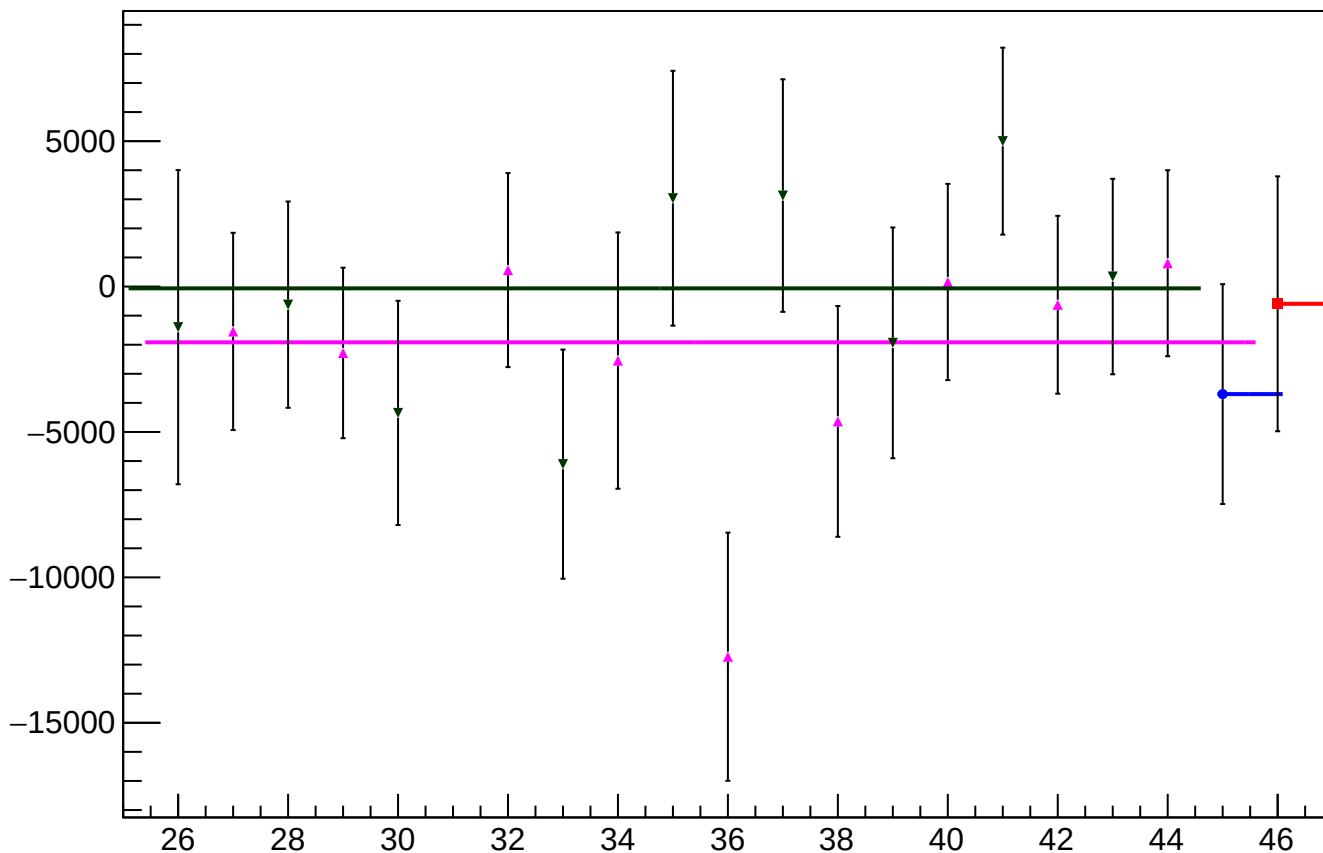
Right Out: 470.821 ± 0.512 χ^2/NDF : 0.0/0

Left In: 524.401 ± 0.157 χ^2/NDF : 94710.0/8

507.810 ± 0.154 χ^2/NDF : 52615.7/9

519.800 ± 0.150 χ^2/NDF : 104723.1/9

asym_sam6_correction_mean vs slug



Right In: -3698.064+/-3779.832 χ^2/NDF : 0.0/0

Left Out: -62.354+/-1281.480 χ^2/NDF : 7.5/8

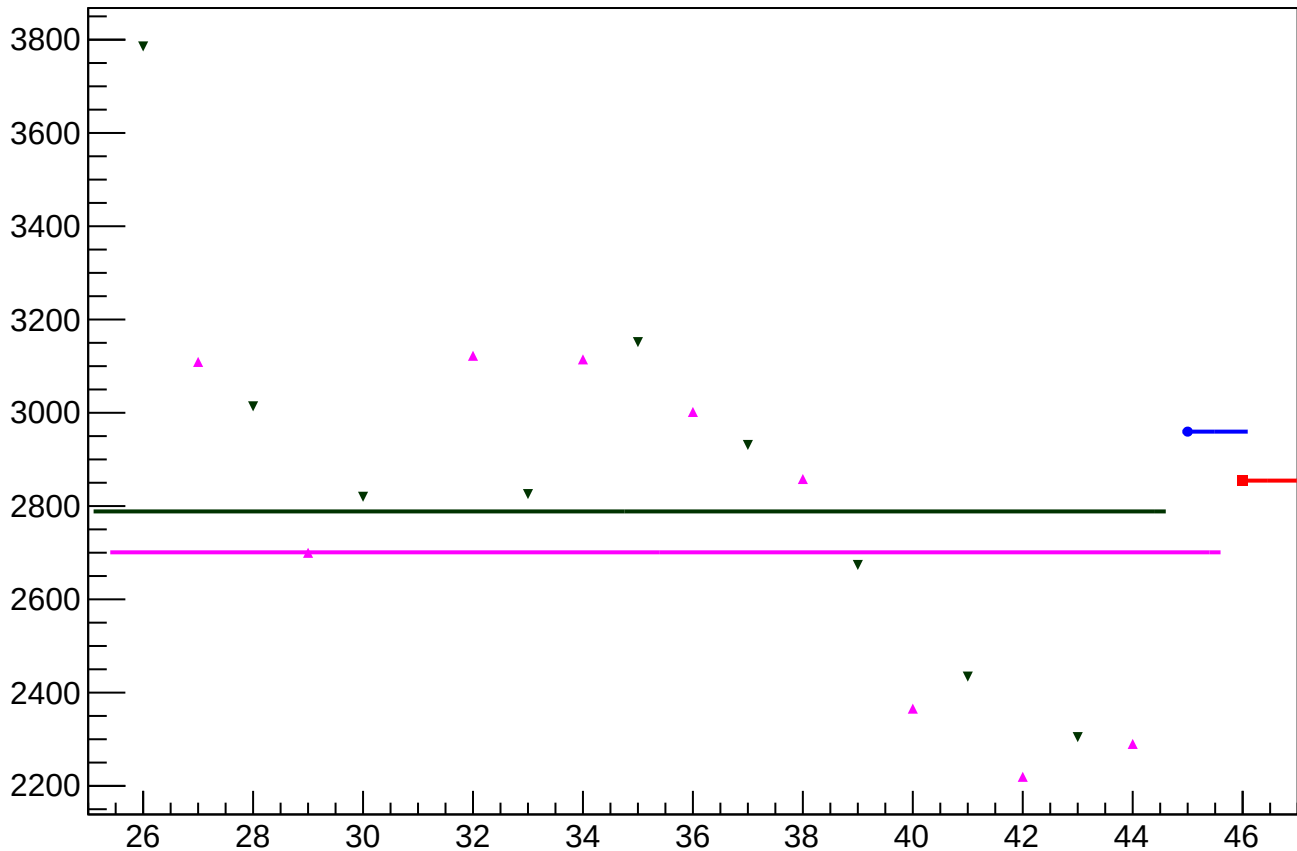
Right Out: -592.692+/-4382.696 χ^2/NDF : 0.0/0

Left In: -1917.139+/-1150.328 χ^2/NDF : 8.8/8

-437.168+/-1213.628 χ^2/NDF : 8.4/9

-1831.778+/-1112.641 χ^2/NDF : 8.9/9

asym_sam6_correction_rms vs slug



Right In: 2959.612 $\pm$ 2.673 χ^2/NDF : 0.0/0

Left Out: 2788.520 $\pm$ 0.906 χ^2/NDF :160197.2/8

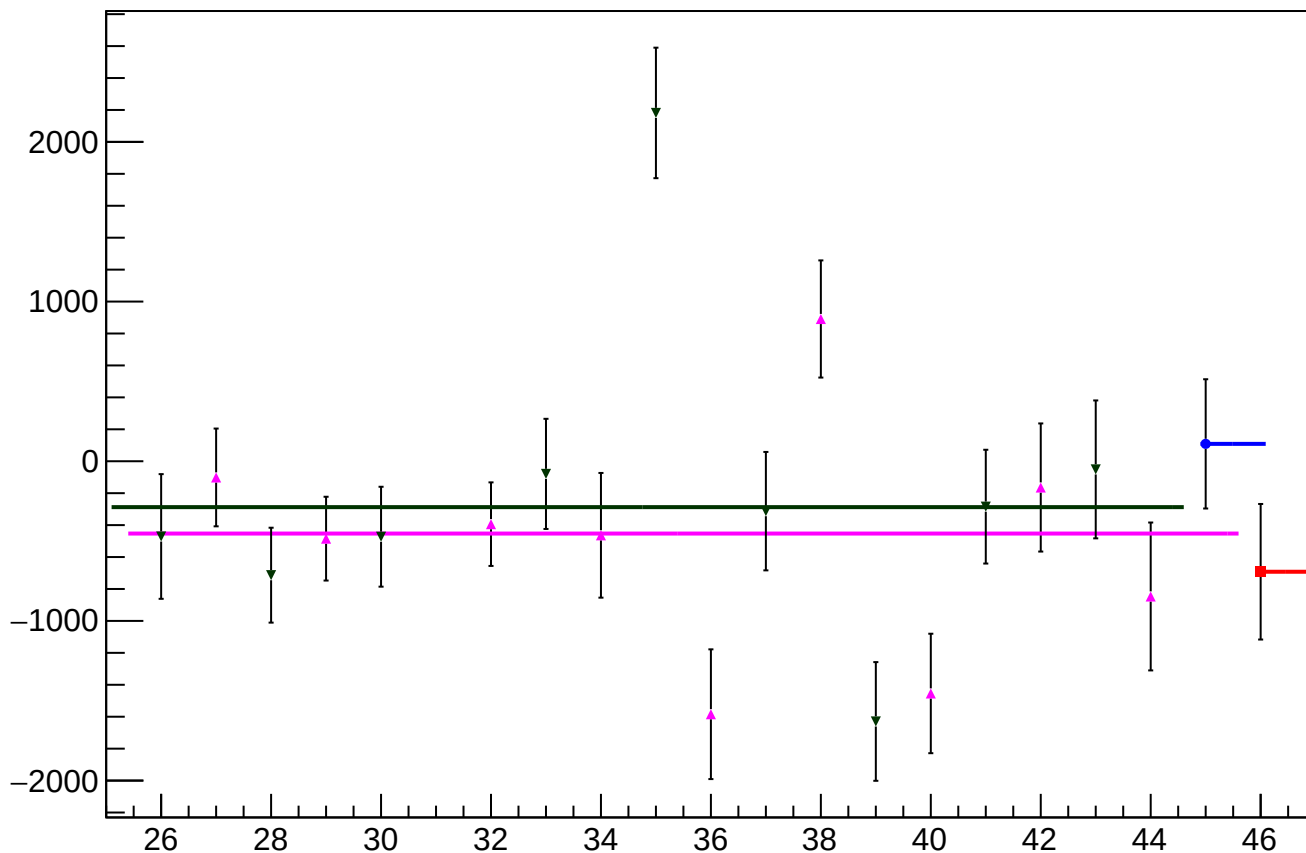
Right Out: 2854.593 $\pm$ 3.099 χ^2/NDF : 0.0/0

Left In: 2700.808 $\pm$ 0.813 χ^2/NDF :193934.1/8

2806.158 $\pm$ 0.858 χ^2/NDF : 163872.5/9

2710.718 $\pm$ 0.787 χ^2/NDF : 196237.9/9

reg_asym_sam7_mean vs slug



Right In: 108.757 $\pm$ 404.790 χ^2 /NDF: 0.0/0

Left Out: -287.418 $\pm$ 119.318 χ^2 /NDF: 52.8/8

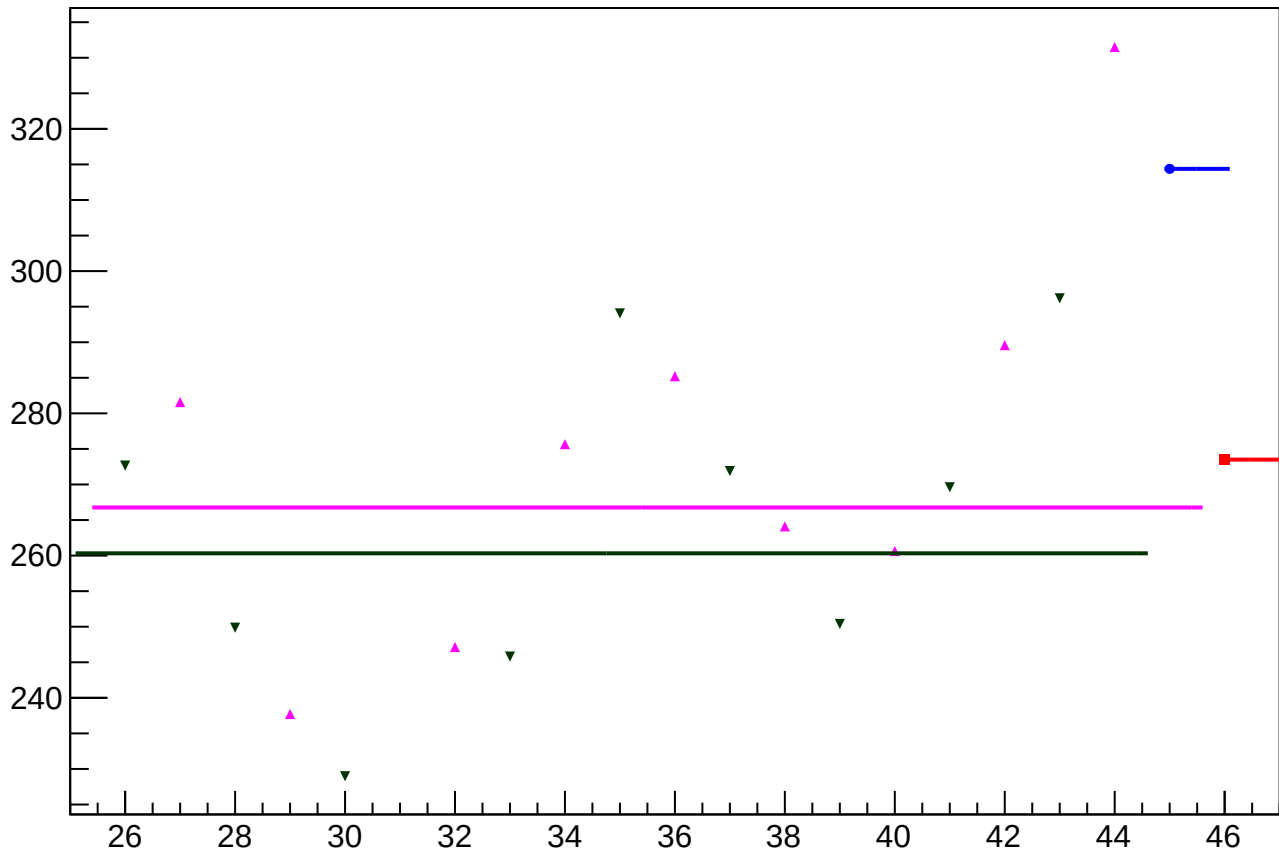
Right Out: -692.106 $\pm$ 424.492 χ^2 /NDF: 0.0/0

Left In: -452.872 $\pm$ 113.322 χ^2 /NDF: 31.0/8

-255.747 $\pm$ 114.449 χ^2 /NDF: 53.7/9

-468.788 $\pm$ 109.488 χ^2 /NDF: 31.3/9

reg_asym_sam7_rms vs slug



Right In: 314.382 $\pm$ 0.286 χ^2 /NDF: 0.0/0

Left Out: 260.321 $\pm$ 0.084 χ^2 /NDF:60237.4/8

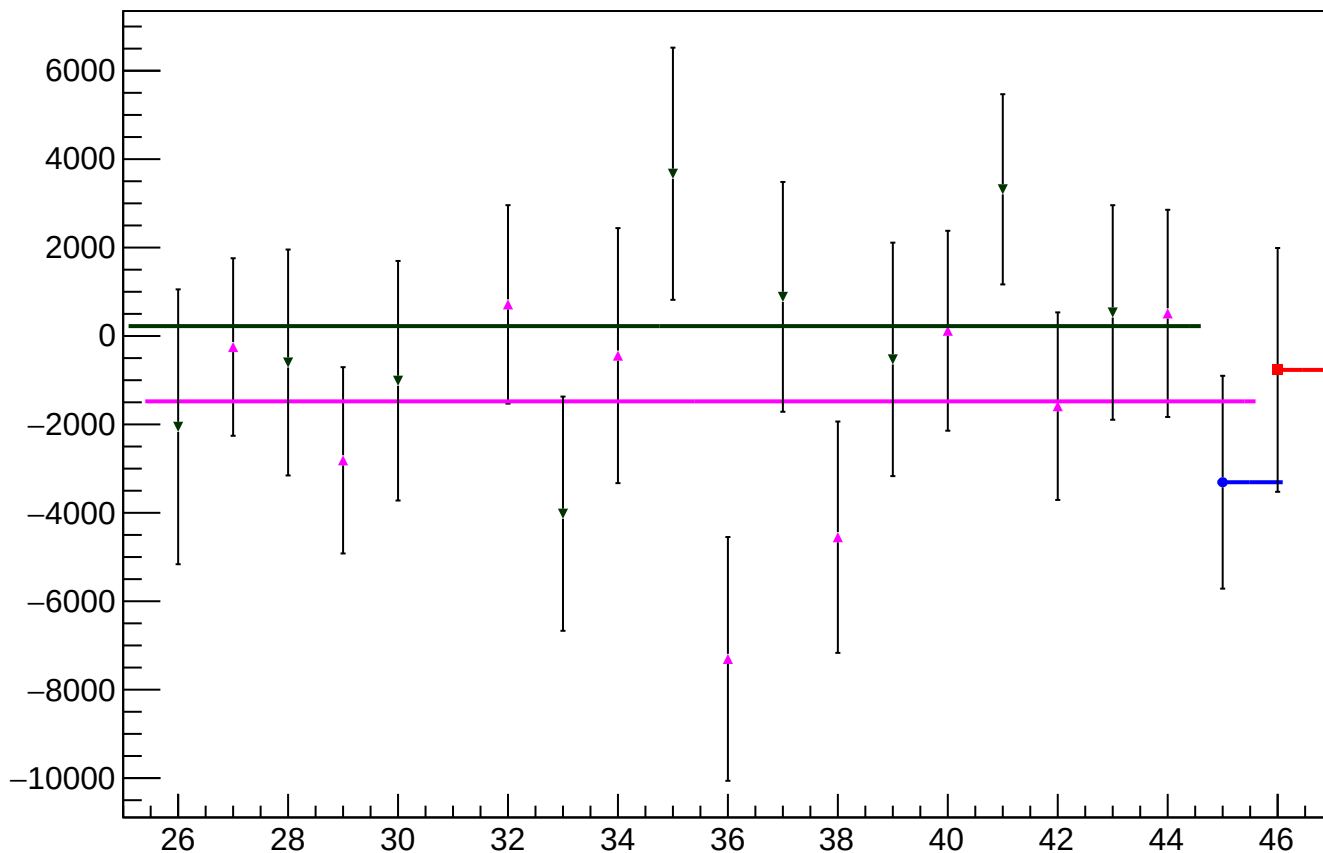
Right Out: 273.499 $\pm$ 0.300 χ^2 /NDF: 0.0/0

Left In: 266.767 $\pm$ 0.080 χ^2 /NDF:91803.4/8

264.642 $\pm$ 0.081 χ^2 /NDF: 93058.6/9

267.215 $\pm$ 0.077 χ^2 /NDF: 92272.9/9

asym_sam7_correction_mean vs slug



Right In: -3307.836 $\pm$ 2407.233 χ^2 /NDF: 0.0/0

Left Out: 223.347 $\pm$ 865.231 χ^2 /NDF: 7.1/8

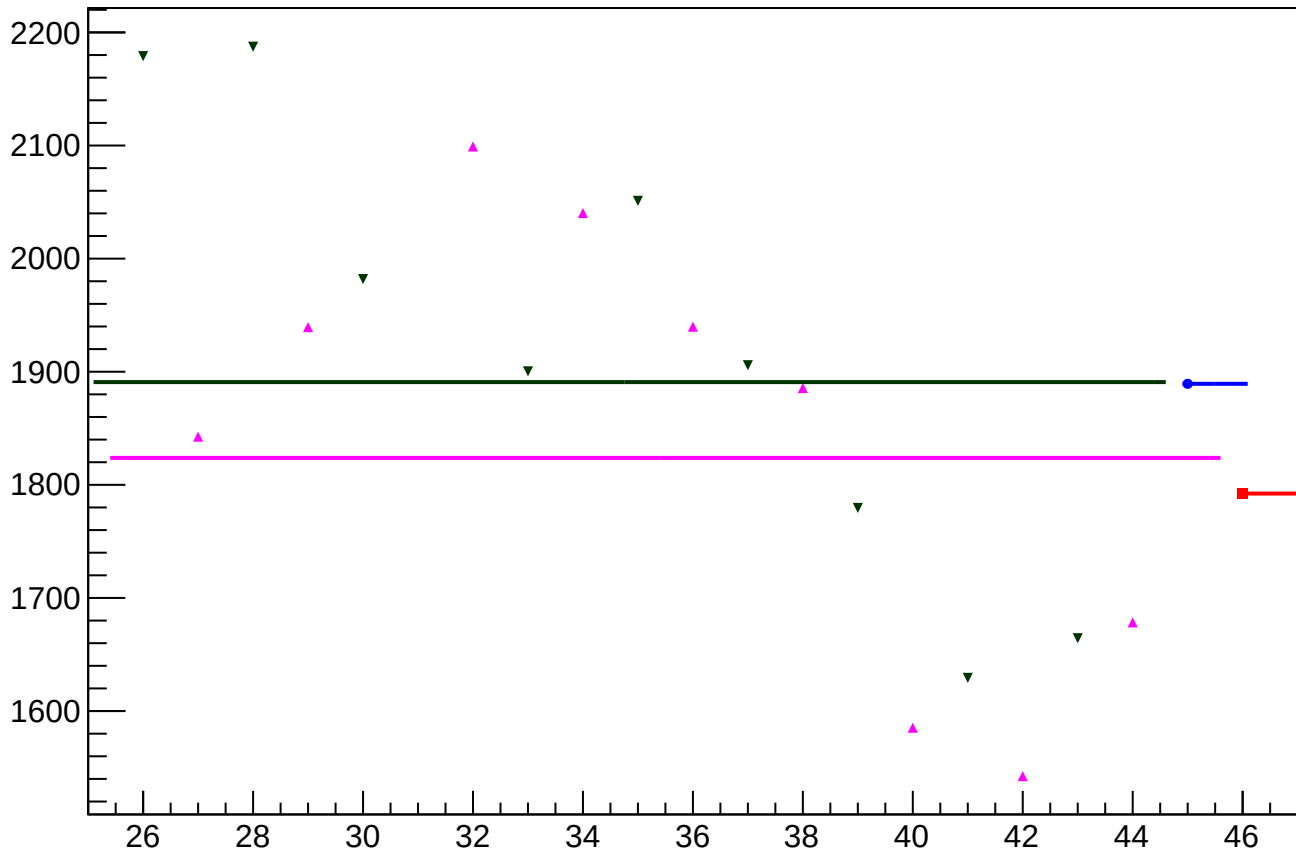
Right Out: -766.925 $\pm$ 2757.349 χ^2 /NDF: 0.0/0

Left In: -1478.705 $\pm$ 773.885 χ^2 /NDF: 8.9/8

-180.653 $\pm$ 814.233 χ^2 /NDF: 9.0/9

-1426.731 $\pm$ 745.095 χ^2 /NDF: 9.0/9

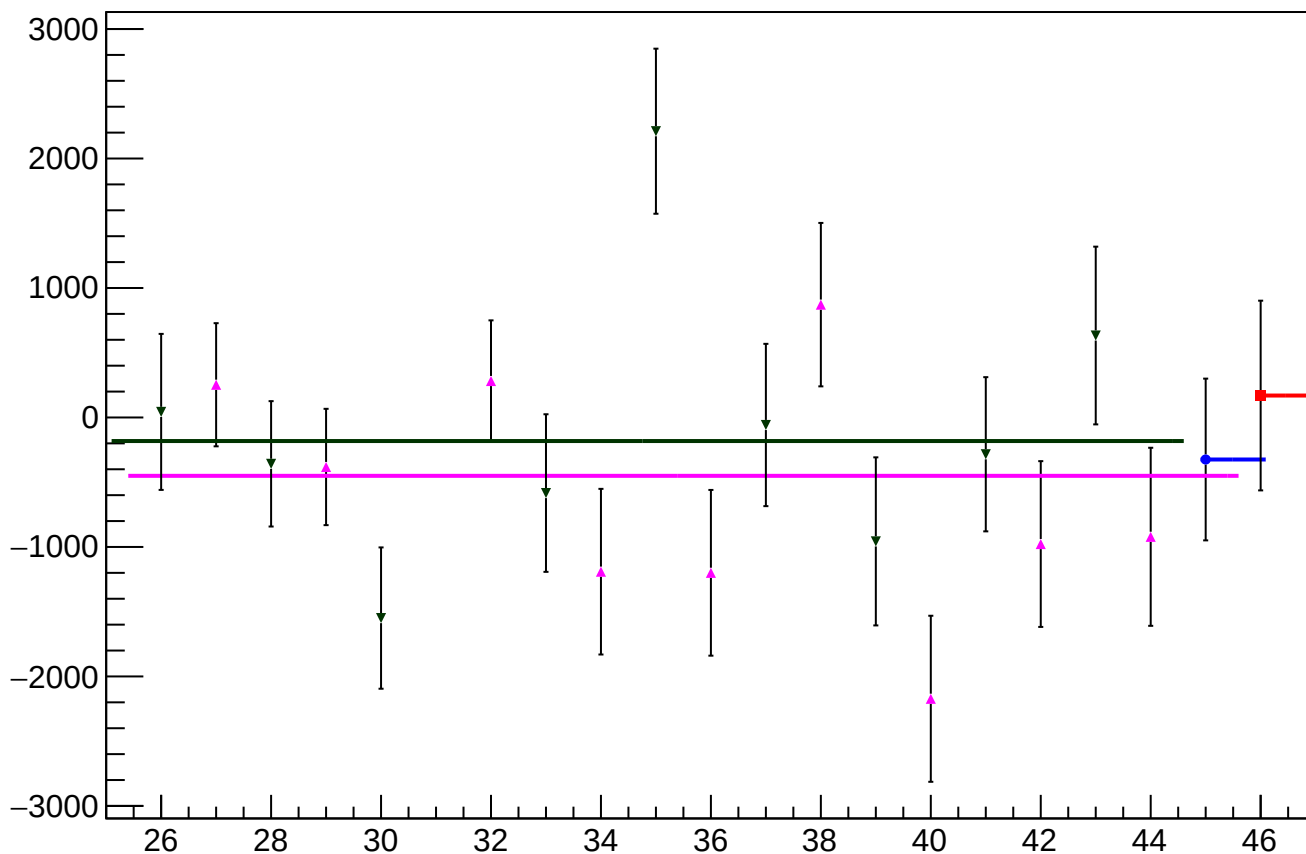
asym_sam7_correction_rms vs slug



Right In: 1889.314+/-1.702 χ^2/NDF : 0.0/0
 Left Out: 1890.834+/-0.612 χ^2/NDF :103303.6/8
 Right Out: 1792.279+/-1.950 χ^2/NDF : 0.0/0
 Left In: 1823.820+/-0.547 χ^2/NDF :117391.1/8

1890.660+/-0.576 χ^2/NDF : 103304.3/9
 1821.517+/-0.527 χ^2/NDF : 117633.7/9

reg_asym_sam8_mean vs slug



Right In: -324.573+/-624.610 χ^2/NDF : 0.0/0

Left Out: -181.996+/-198.404 χ^2/NDF :24.0/8

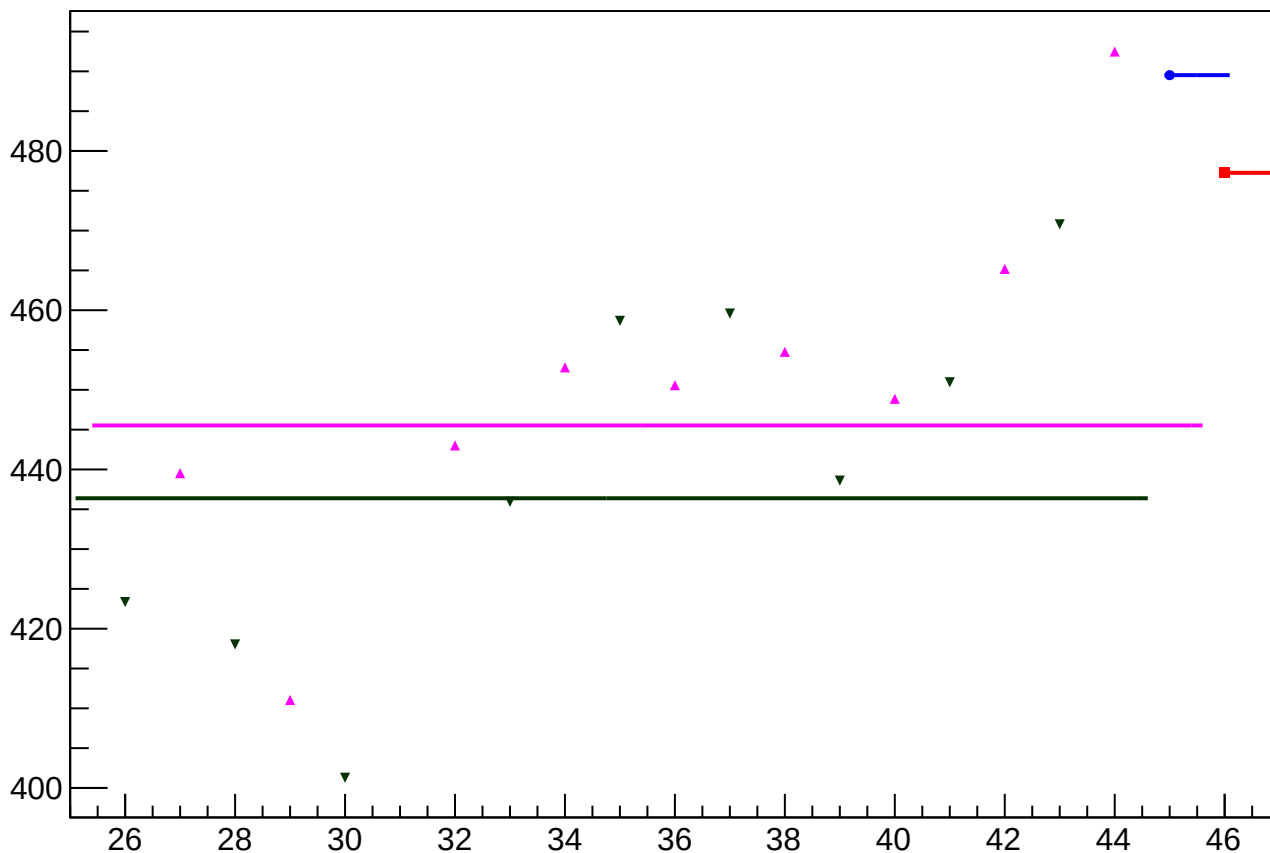
Right Out: 169.429+/-732.580 χ^2/NDF : 0.0/0

Left In: -450.653+/-187.903 χ^2/NDF :20.1/8

-195.063+/-189.093 χ^2/NDF : 24.0/9

-412.376+/-182.011 χ^2/NDF : 20.8/9

reg_asym_sam8_rms vs slug



Right In: 489.521+/-0.442 χ^2/NDF : 0.0/0

Left Out: 436.383+/-0.140 χ^2/NDF : 23517.4/8

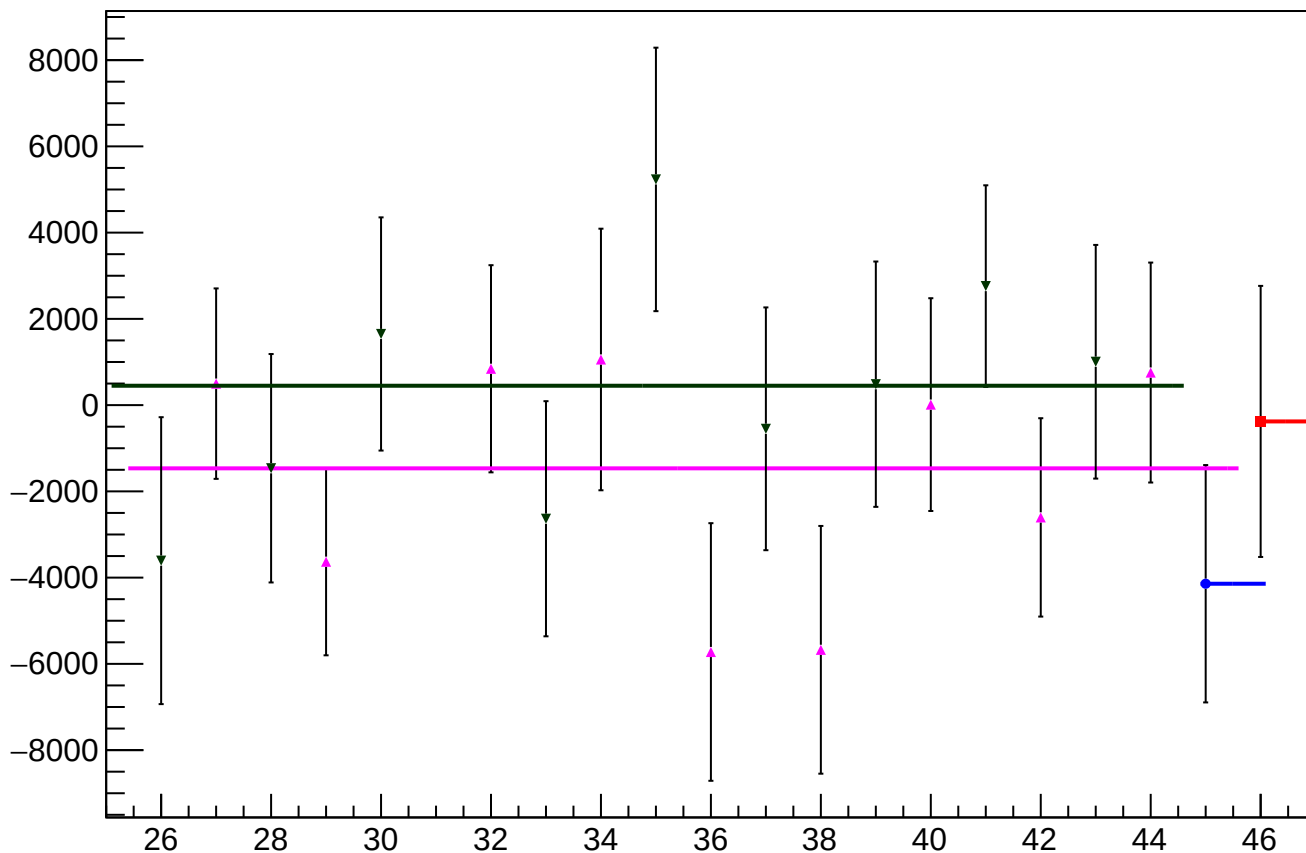
Right Out: 477.258+/-0.518 χ^2/NDF : 0.0/0

Left In: 445.528+/-0.133 χ^2/NDF : 24241.7/8

441.253+/-0.134 χ^2/NDF : 36666.0/9

447.487+/-0.129 χ^2/NDF : 27761.9/9

asym_sam8_correction_mean vs slug



Right In: -4142.024+/-2752.065 χ^2 /NDF: 0.0/0

Left Out: 449.371+/-920.334 χ^2 /NDF: 7.1/8

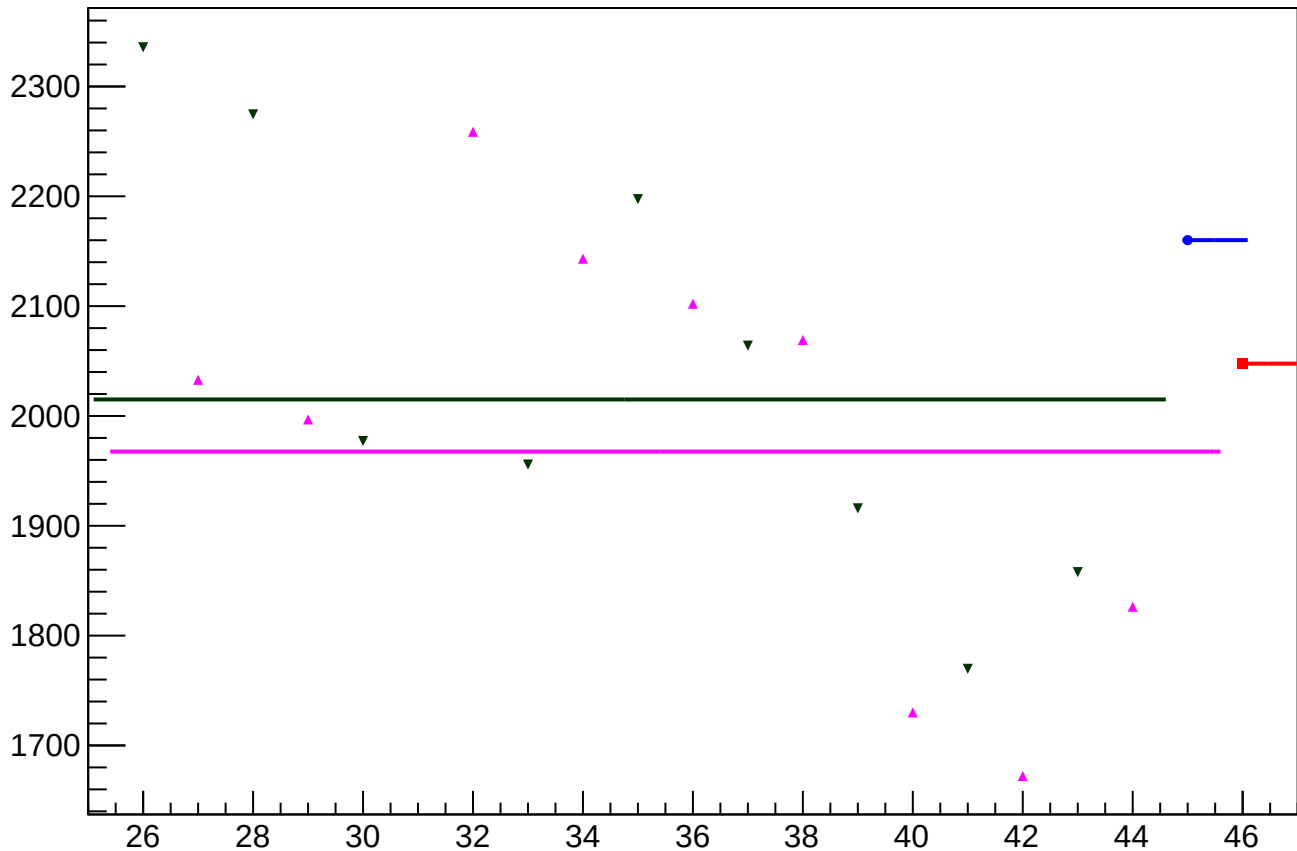
Right Out: -378.183+/-3142.895 χ^2 /NDF: 0.0/0

Left In: -1466.179+/-833.373 χ^2 /NDF: 8.9/8

-12.455+/-872.822 χ^2 /NDF: 9.6/9

-1394.707+/-805.535 χ^2 /NDF: 9.1/9

asym_sam8_correction_rms vs slug



Right In: 2160.098 $\pm$ 1.946 χ^2/NDF : 0.0/0

Left Out: 2015.018 $\pm$ 0.651 χ^2/NDF : 78061.6/8

2029.611 $\pm$ 0.617 χ^2/NDF : 83060.7/9

Right Out: 2047.662 $\pm$ 2.222 χ^2/NDF : 0.0/0

1972.845 $\pm$ 0.570 χ^2/NDF : 103655.7/9

Left In: 1967.585 $\pm$ 0.589 χ^2/NDF : 102442.6/8

bcm_an_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_us_ds3_avg_rms vs slug



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

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

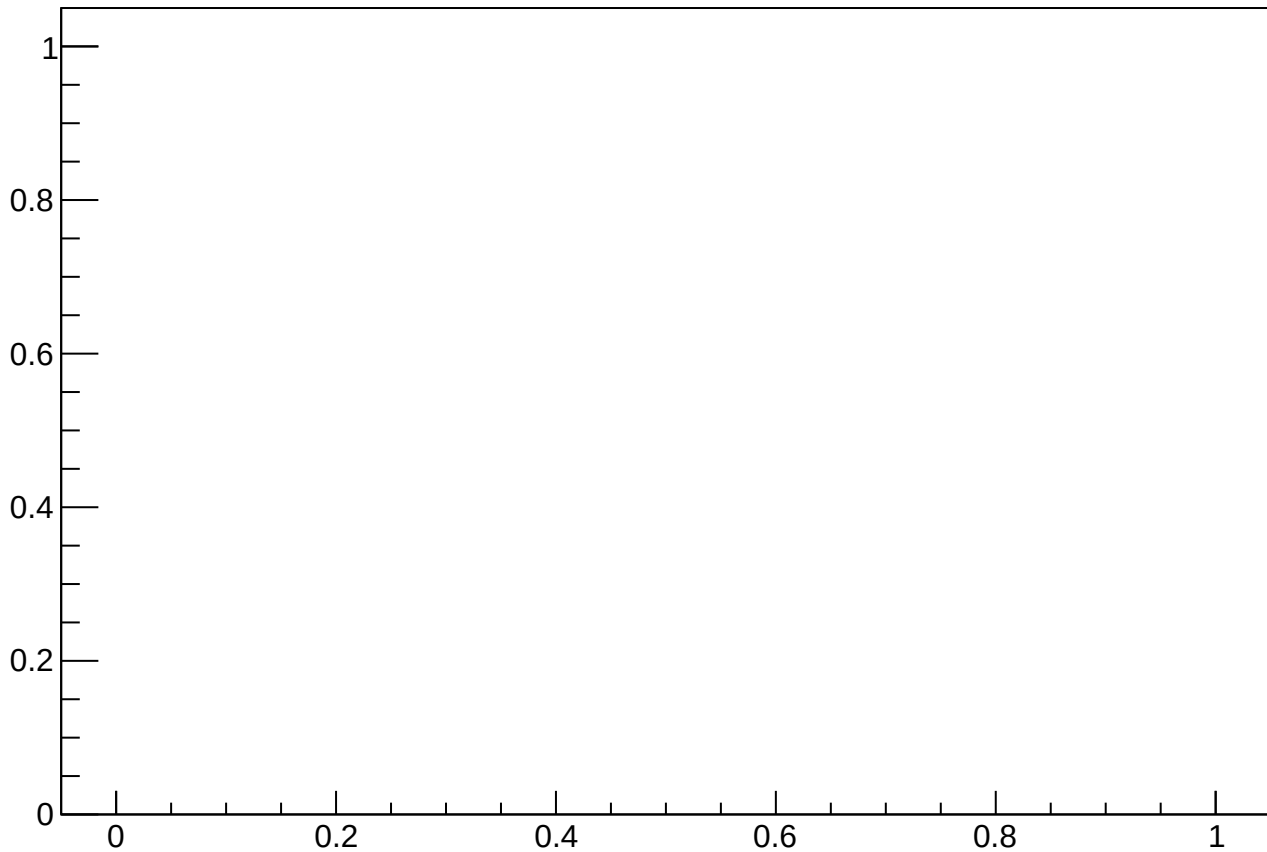
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

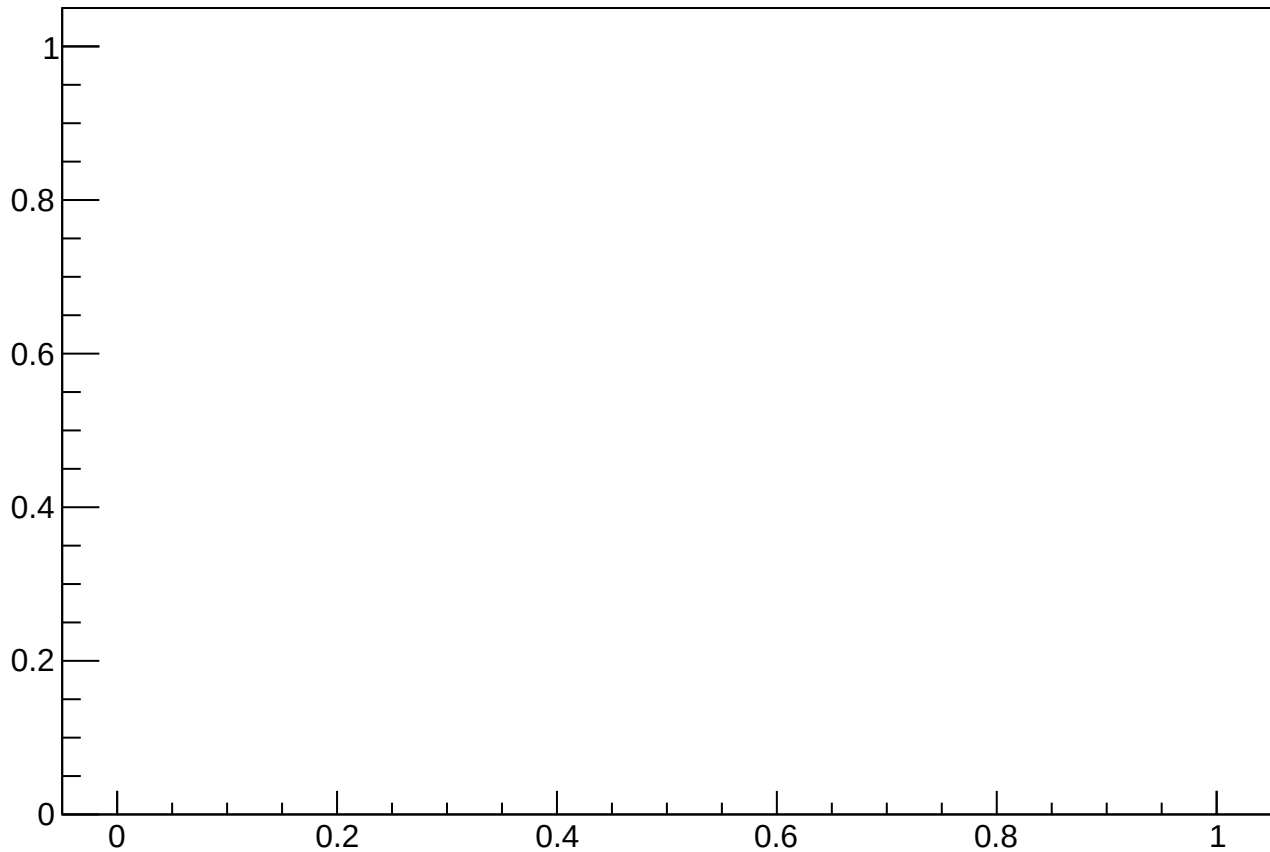
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

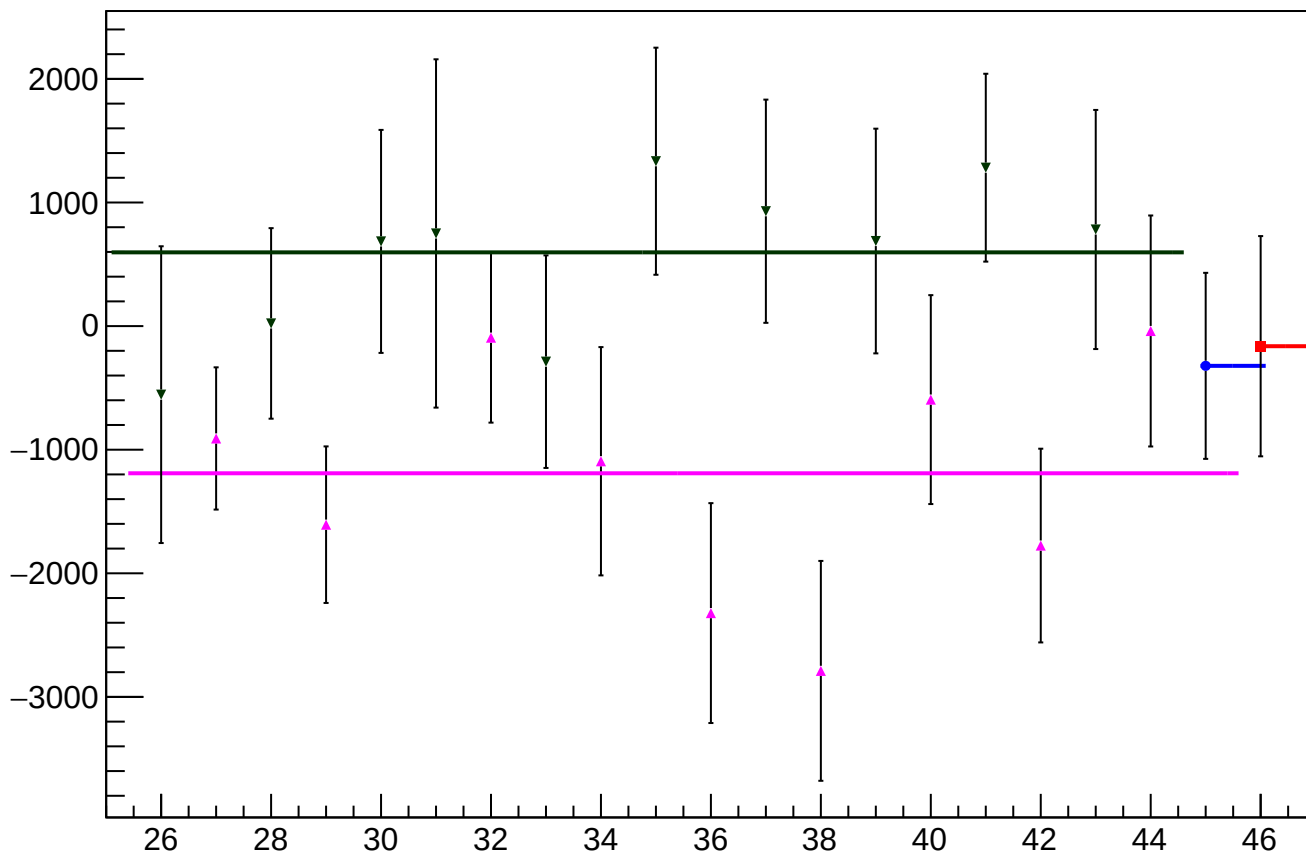
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -321.584+/-752.535 χ^2/NDF : 0.0/0

Left Out: 596.646+/-290.082 χ^2/NDF : 4.2/9

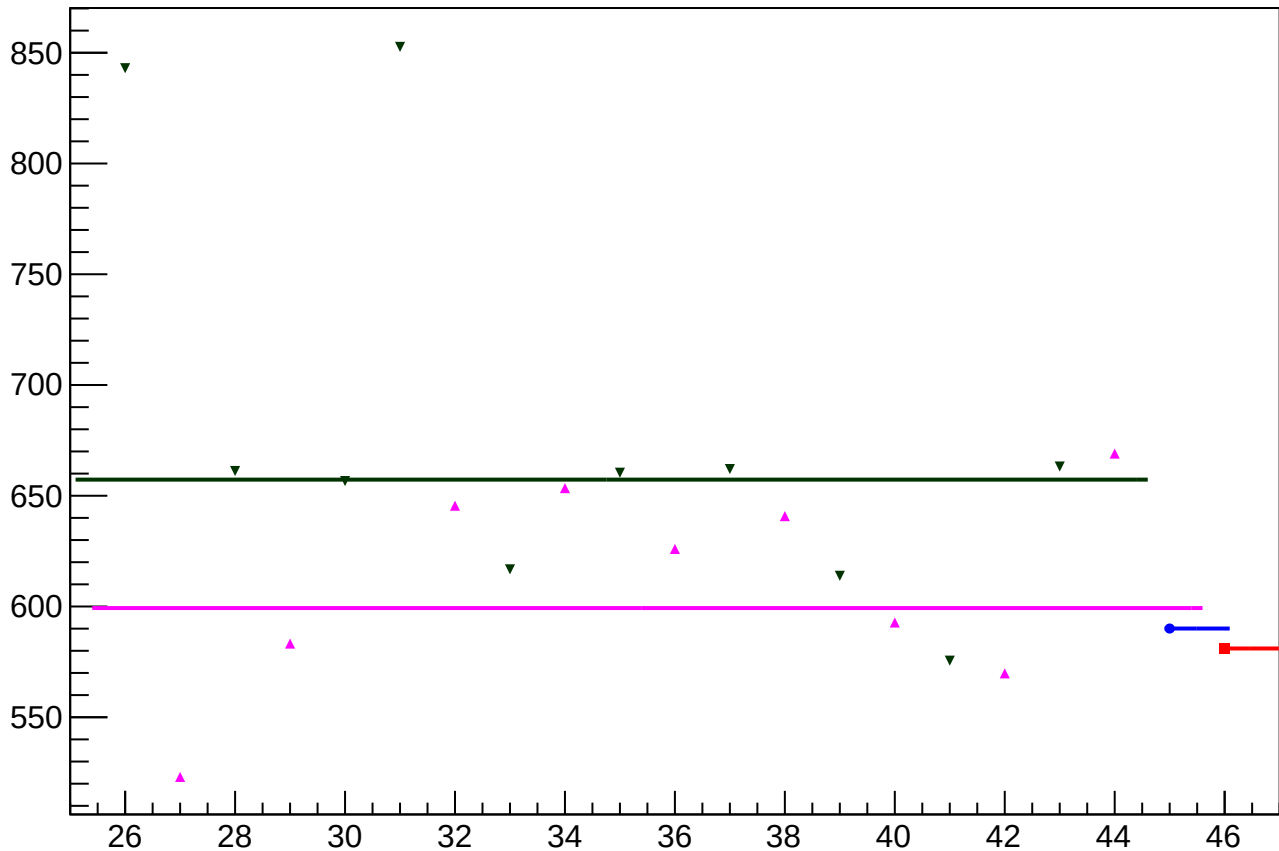
Right Out: -162.685+/-890.910 χ^2/NDF : 0.0/0

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

477.857+/-270.669 χ^2/NDF : 5.5/10

-1113.443+/-244.240 χ^2/NDF : 11.9/9

asym_left_avg_rms vs slug



Right In: 590.051 ± 0.532 χ^2/NDF : 0.0/0

Left Out: 657.280 ± 0.205 χ^2/NDF : 118673.7/9

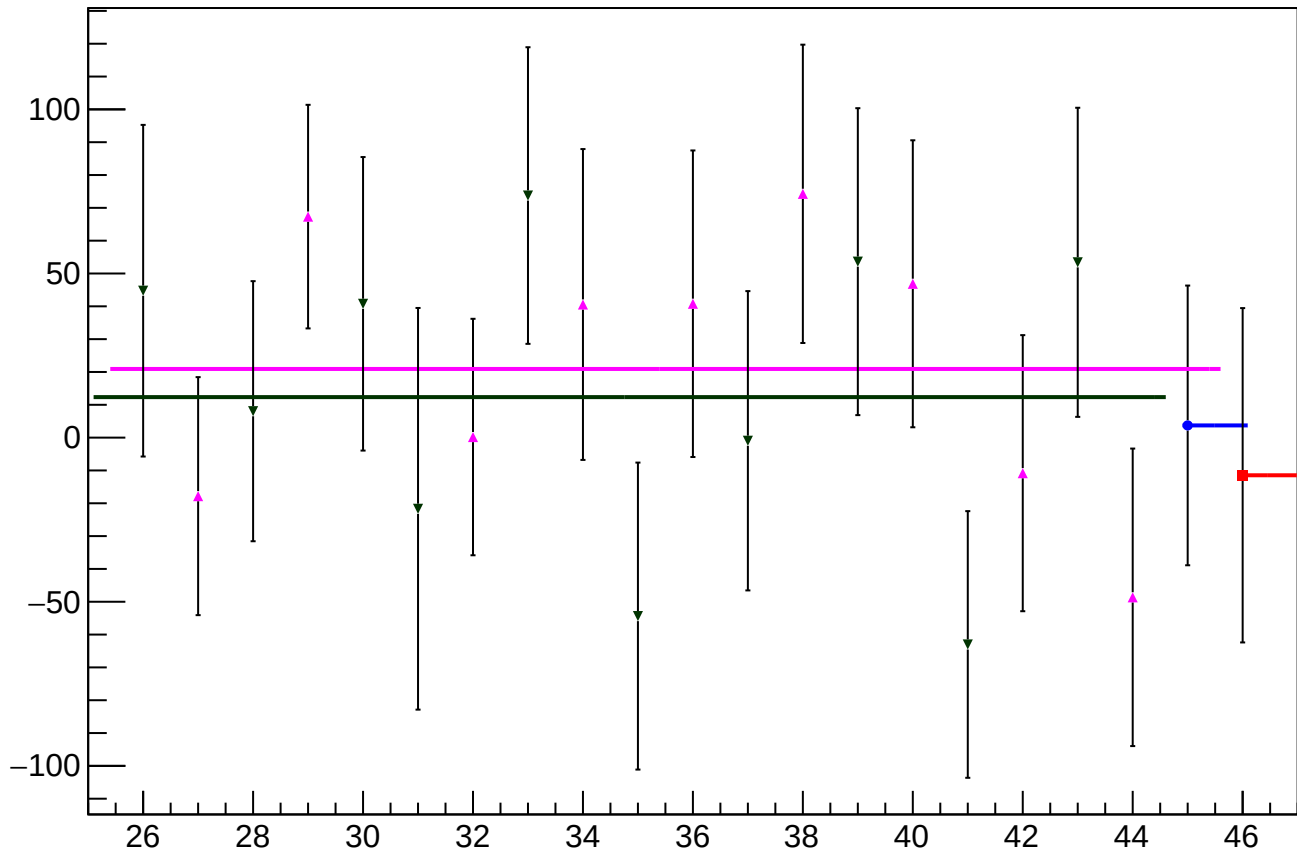
Right Out: 581.043 ± 0.630 χ^2/NDF : 0.0/0

Left In: 599.296 ± 0.180 χ^2/NDF : 72545.0/8

648.583 ± 0.191 χ^2/NDF : 132571.0/10

597.924 ± 0.173 χ^2/NDF : 73321.4/9

asym_left_dd_mean vs slug



Right In: 3.718+/-42.606 χ^2/NDF : 0.0/0

Left Out: 12.342+/-14.526 χ^2/NDF : 10.1/9

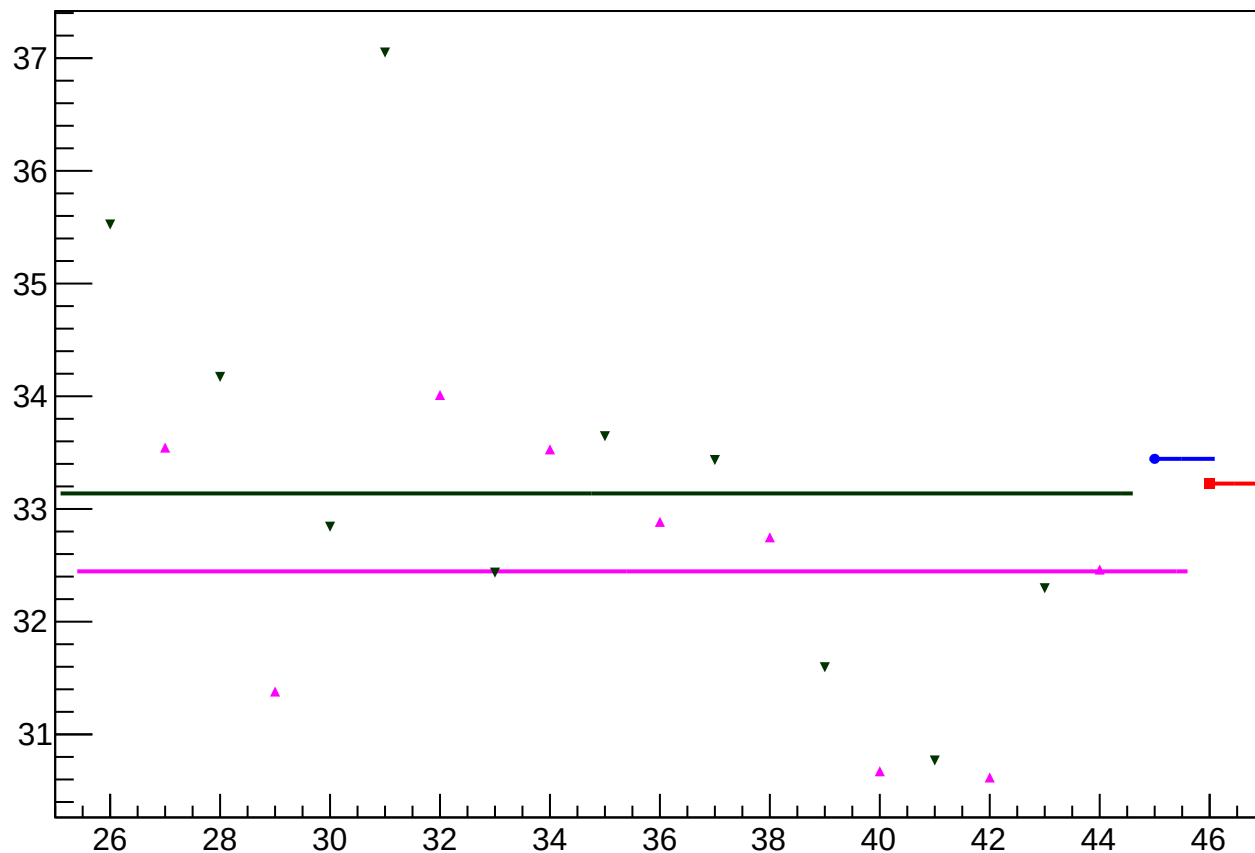
Right Out: -11.469+/-50.928 χ^2/NDF : 0.0/0

Left In: 20.920+/-13.661 χ^2/NDF : 8.3/8

11.444+/-13.749 χ^2/NDF : 10.1/10

18.746+/-13.195 χ^2/NDF : 8.7/9

asym_left_dd_rms vs slug



Right In: 33.445 ± 0.030 χ^2/NDF : 0.0/0

Left Out: 33.138 ± 0.010 χ^2/NDF : 24511.4/9

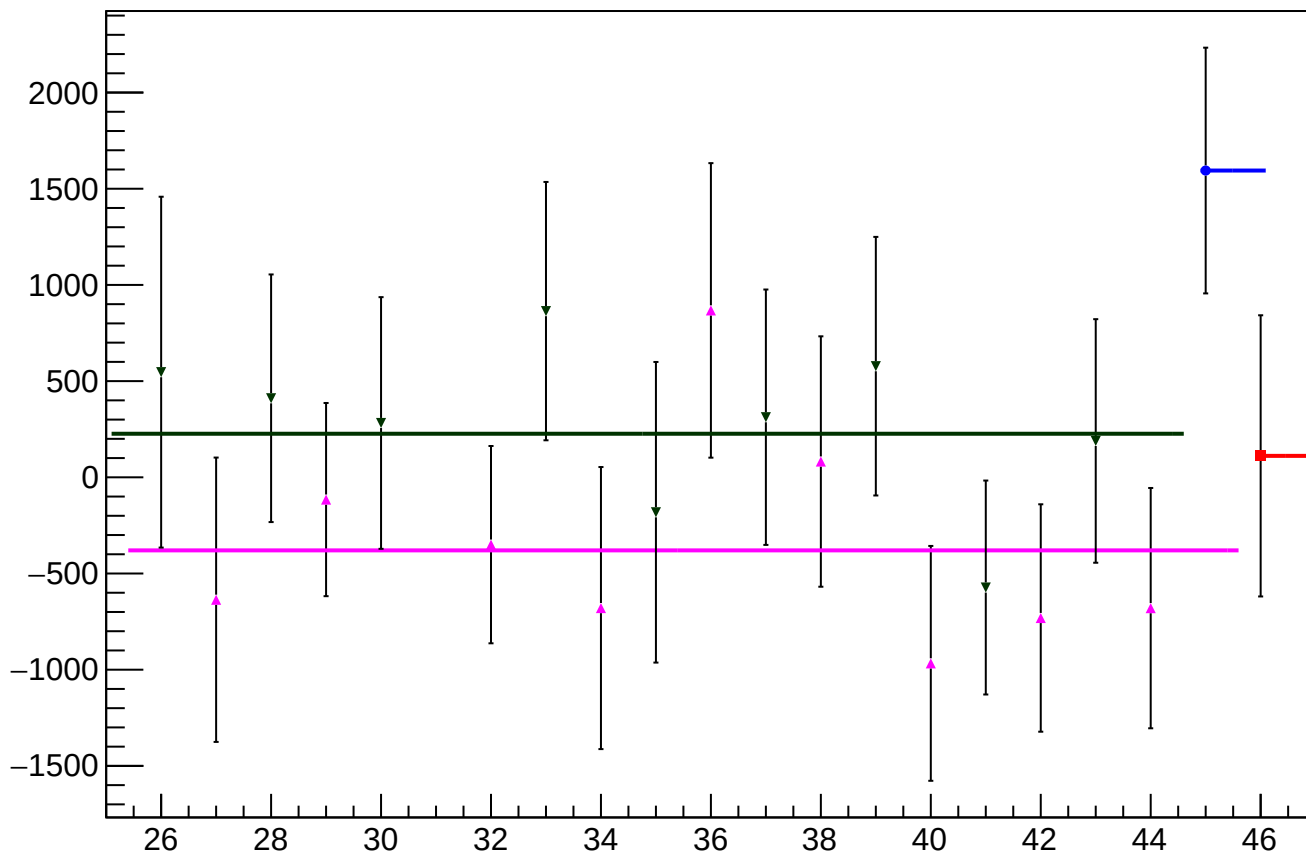
Right Out: 33.225 ± 0.036 χ^2/NDF : 0.0/0

Left In: 32.446 ± 0.010 χ^2/NDF : 15954.4/8

33.170 ± 0.010 χ^2/NDF : 24604.4/10

32.499 ± 0.009 χ^2/NDF : 16390.6/9

asym_right_avg_mean vs slug



Right In: 1594.554+/-638.671 χ^2/NDF : 0.0/0

Left Out: 226.455+/-223.469 χ^2/NDF : 3.7/8

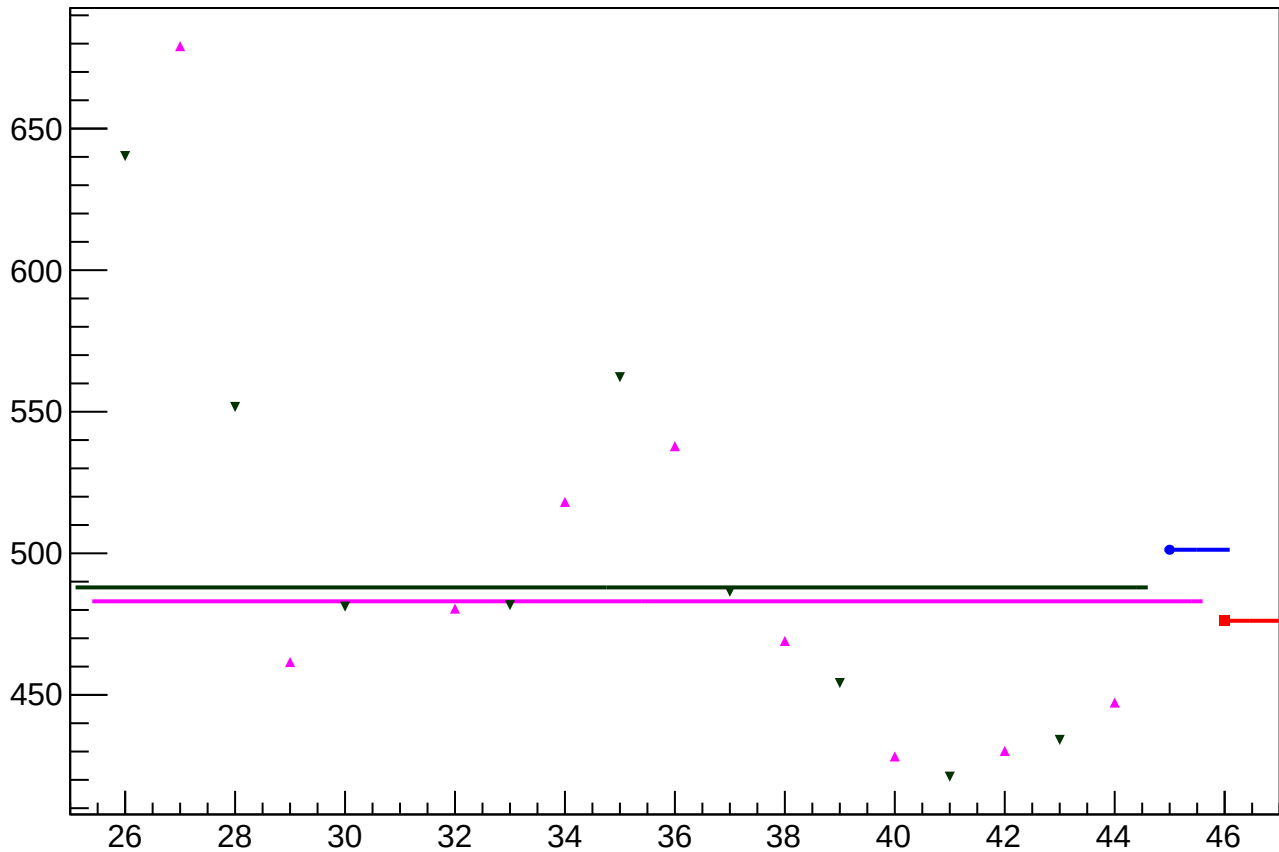
Right Out: 111.459+/-730.790 χ^2/NDF : 0.0/0

Left In: -379.789+/-205.675 χ^2/NDF : 5.2/8

375.680+/-210.930 χ^2/NDF : 7.8/9

-343.733+/-197.983 χ^2/NDF : 5.7/9

asym_right_avg_rms vs slug



Right In: 501.265+/-0.452 χ^2/NDF : 0.0/0

Left Out: 487.967+/-0.158 χ^2/NDF :142313.3/8

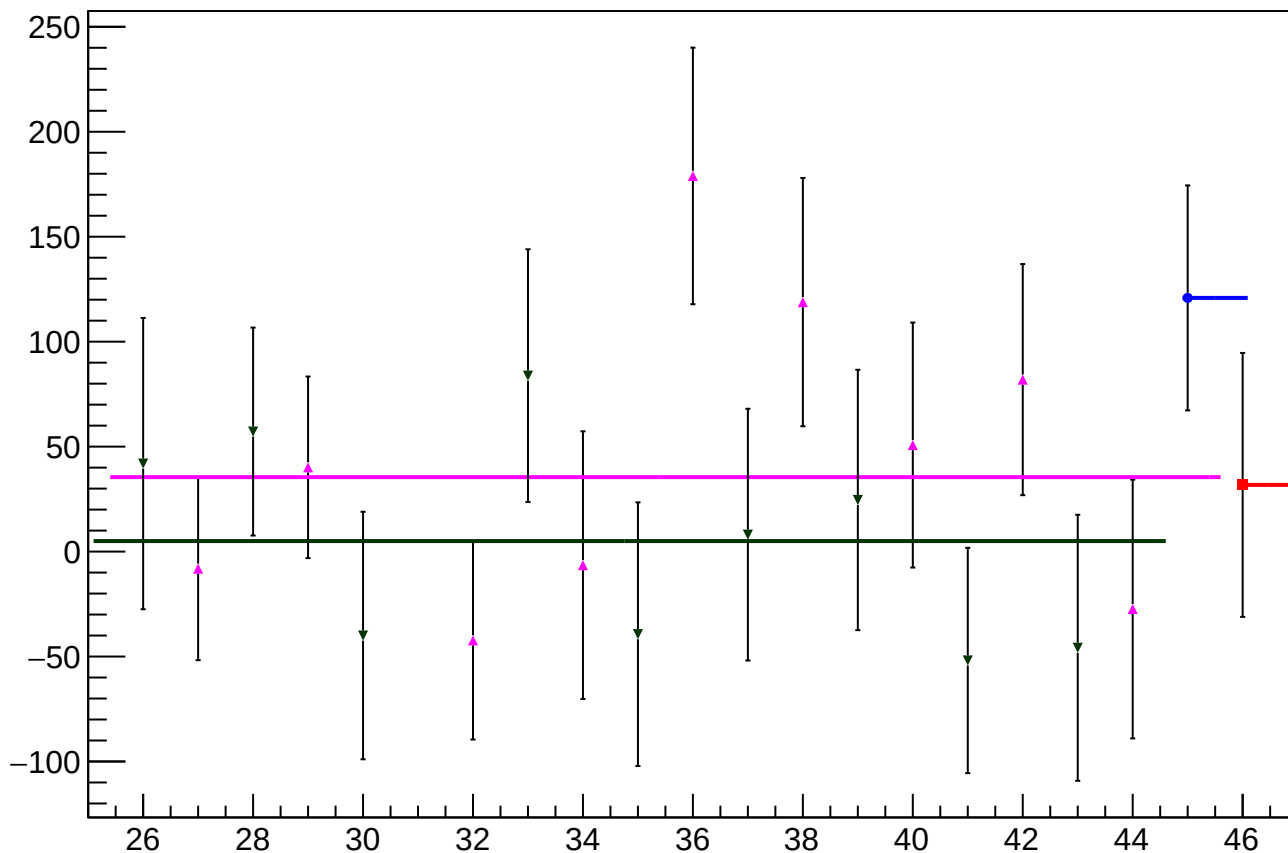
489.417+/-0.149 χ^2/NDF : 143085.9/9

Right Out: 476.182+/-0.517 χ^2/NDF : 0.0/0

482.554+/-0.140 χ^2/NDF : 199029.1/9

Left In: 483.059+/-0.145 χ^2/NDF :198865.1/8

asym_right_dd_mean vs slug



Right In: 120.855 $\pm$ 53.594 χ^2 /NDF: 0.0/0

Left Out: 5.008 $\pm$ 19.738 χ^2 /NDF:6.1/8

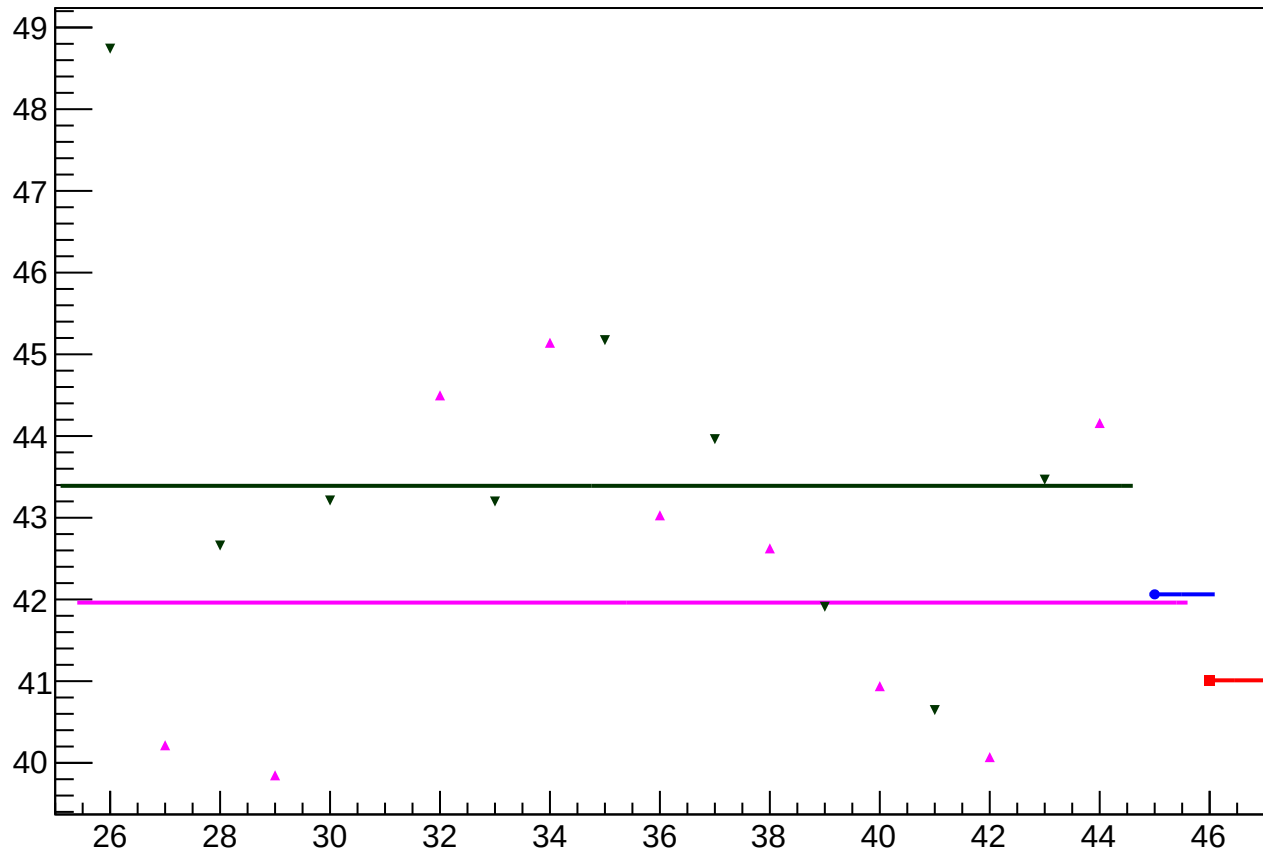
Right Out: 31.760 $\pm$ 62.866 χ^2 /NDF: 0.0/0

Left In: 35.466 $\pm$ 17.692 χ^2 /NDF:13.5/8

18.844 $\pm$ 18.522 χ^2 /NDF: 10.2/9

35.194 $\pm$ 17.030 χ^2 /NDF: 13.5/9

asym_right_dd_rms vs slug



Right In: 42.062+/-0.038 χ^2/NDF : 0.0/0

Left Out: 43.391+/-0.014 χ^2/NDF :20529.6/8

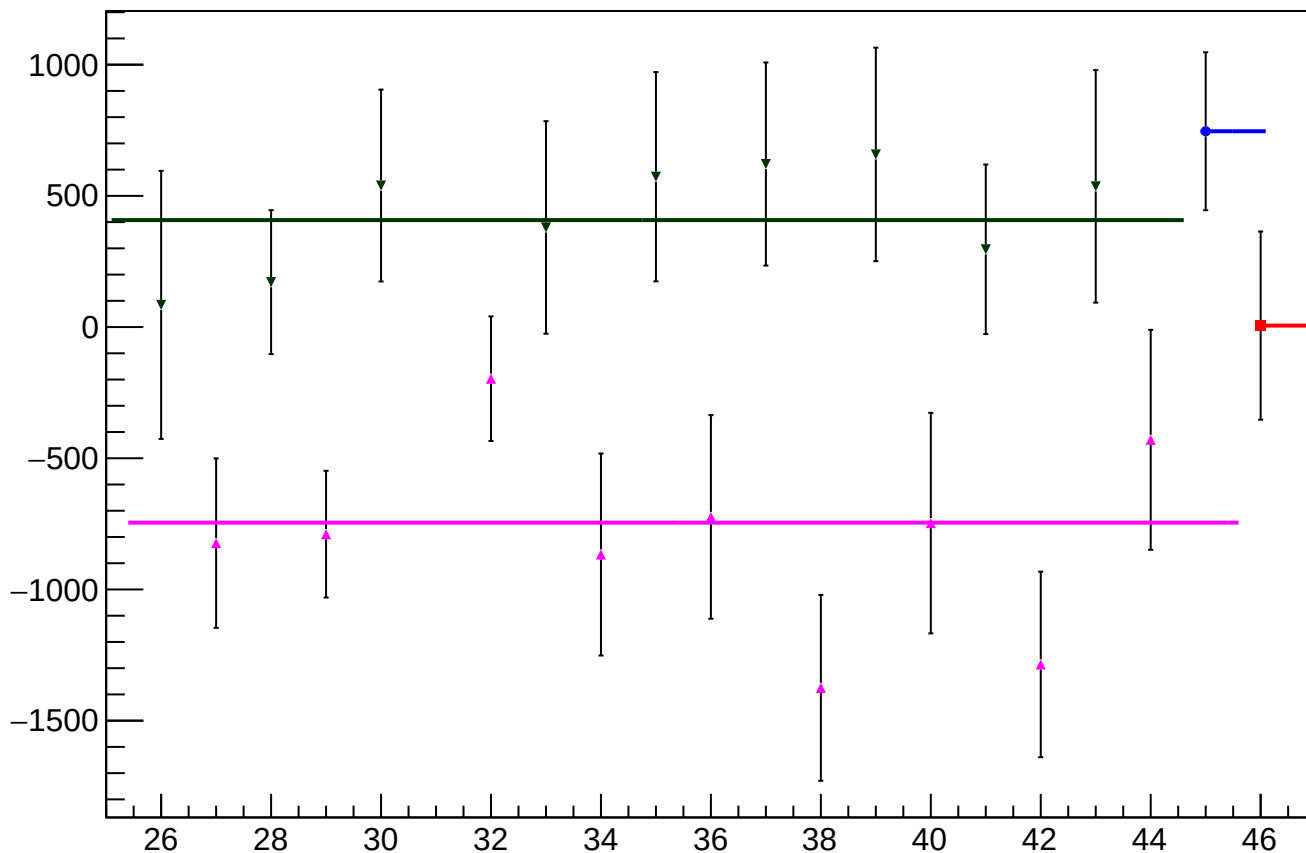
43.232+/-0.013 χ^2/NDF : 21611.2/9

Right Out: 41.010+/-0.044 χ^2/NDF : 0.0/0

41.892+/-0.012 χ^2/NDF : 25523.9/9

Left In: 41.961+/-0.013 χ^2/NDF :25099.5/8

asym_us_avg_mean vs slug



Right In: 746.278 $\pm$ 300.936 χ^2/NDF : 0.0/0

Left Out: 407.654 $\pm$ 124.646 χ^2/NDF : 2.3/8

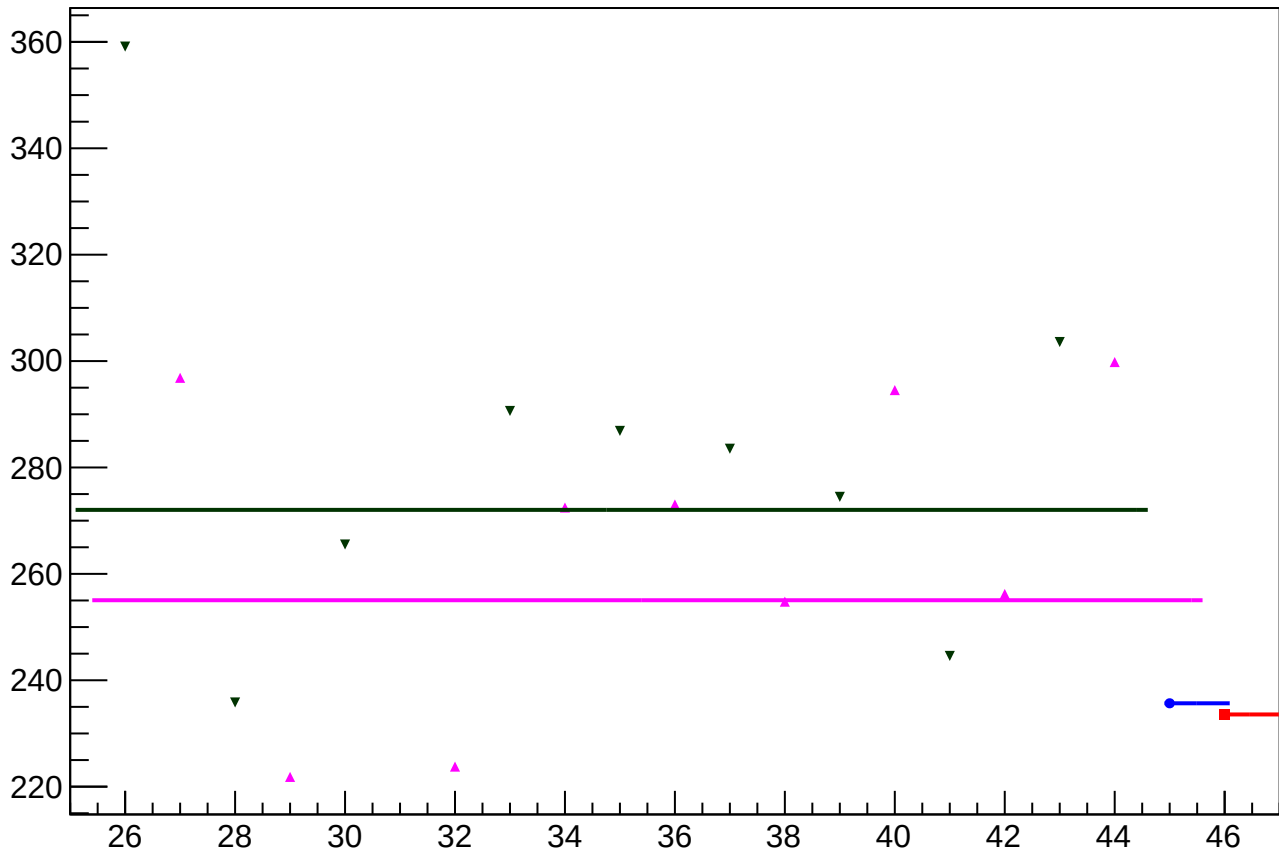
Right Out: 5.691 $\pm$ 358.574 χ^2/NDF : 0.0/0

Left In: -745.341 $\pm$ 108.352 χ^2/NDF : 11.6/8

457.241 $\pm$ 115.159 χ^2/NDF : 3.4/9

-682.502 $\pm$ 103.720 χ^2/NDF : 15.6/9

asym_us_avg_rms vs slug



Right In: 235.672 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Left Out: 272.030 $\pm$ 0.088 χ^2 /NDF:126979.0/8

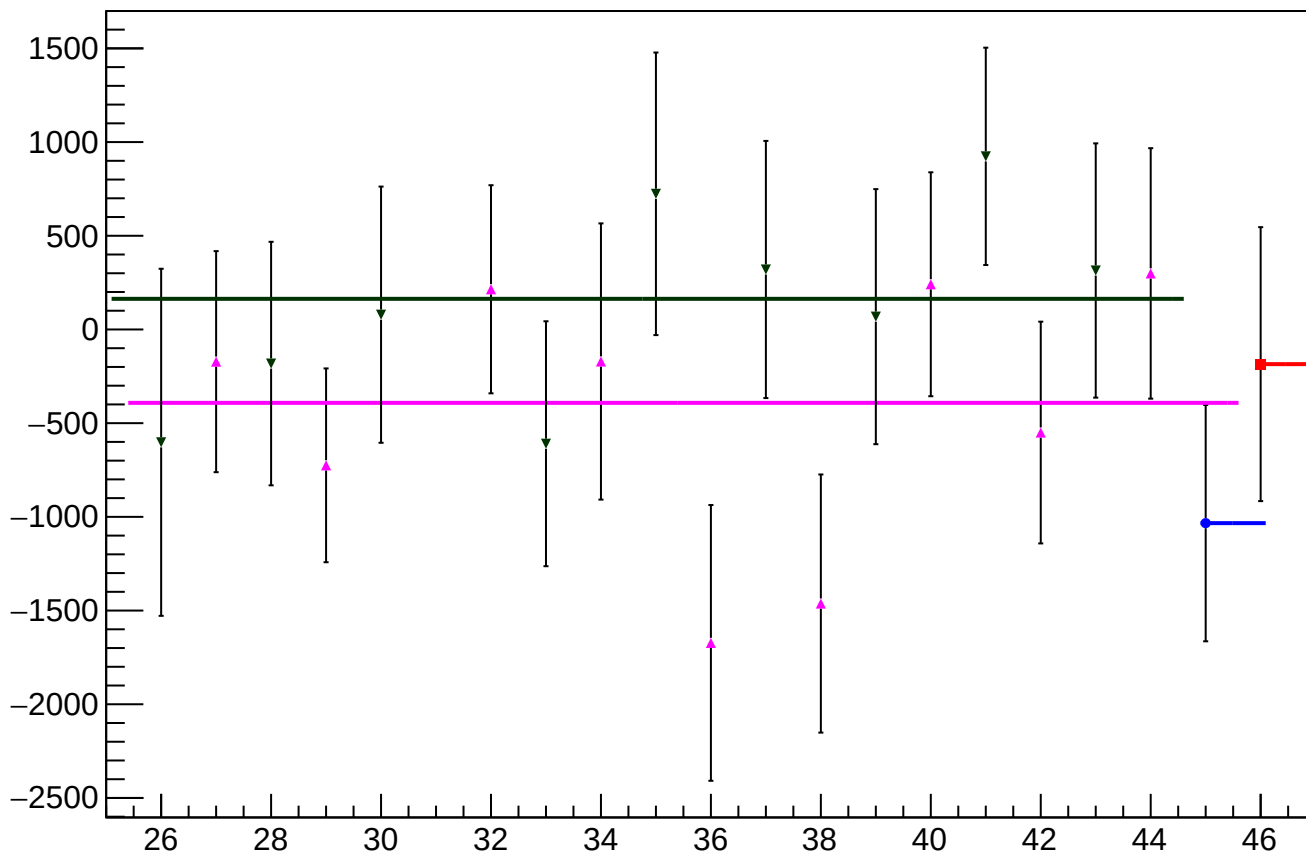
266.706 $\pm$ 0.081 χ^2 /NDF: 151897.7/9

Right Out: 233.574 $\pm$ 0.254 χ^2 /NDF: 0.0/0

253.248 $\pm$ 0.073 χ^2 /NDF: 161503.0/9

Left In: 255.044 $\pm$ 0.077 χ^2 /NDF:154932.2/8

asym_us_dd_mean vs slug



Right In: -1033.435+/-630.678 χ^2/NDF : 0.0/0

Left Out: 163.472+/-228.189 χ^2/NDF : 4.8/8

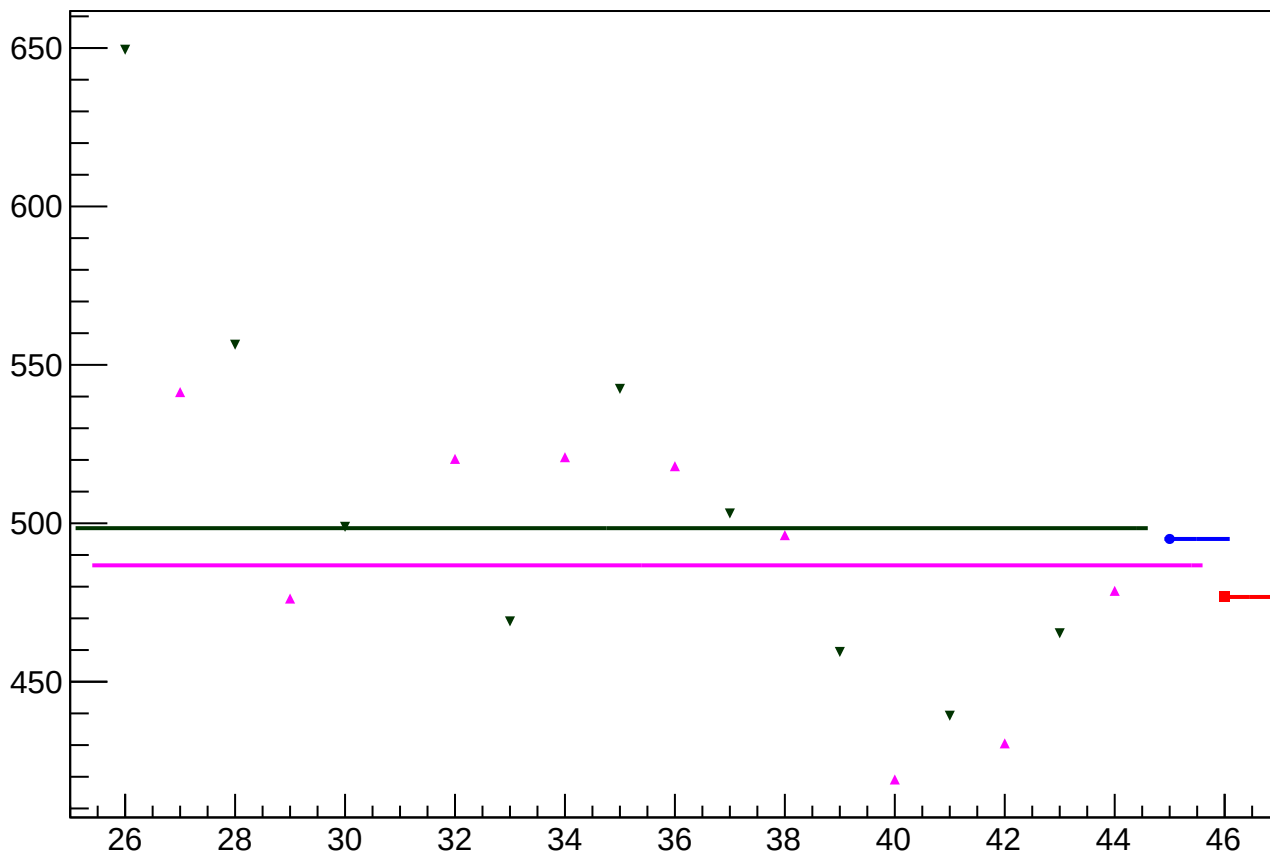
Right Out: -185.038+/-730.937 χ^2/NDF : 0.0/0

Left In: -391.603+/-206.064 χ^2/NDF : 9.5/8

24.922+/-214.576 χ^2/NDF : 8.0/9

-376.395+/-198.333 χ^2/NDF : 9.6/9

asym_us_dd_rms vs slug



Right In: 495.057+/-0.446 χ^2/NDF : 0.0/0

Left Out: 498.461+/-0.161 χ^2/NDF :112214.2/8

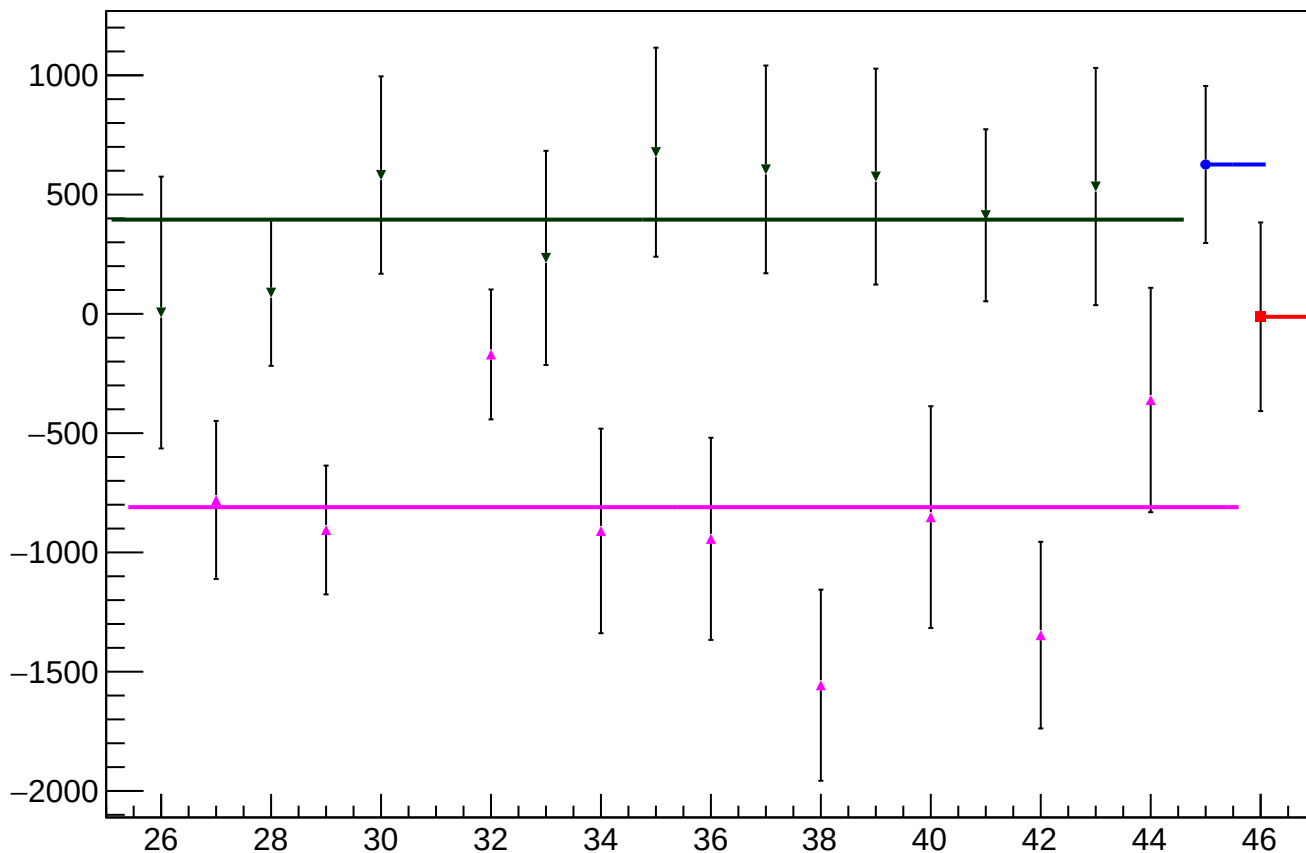
Right Out: 476.748+/-0.517 χ^2/NDF : 0.0/0

Left In: 486.730+/-0.146 χ^2/NDF :77533.3/8

498.067+/-0.152 χ^2/NDF : 112265.7/9

485.995+/-0.140 χ^2/NDF : 77878.8/9

asym_ds_avg_mean vs slug



Right In: 626.143 $\pm$ 329.013 χ^2/NDF : 0.0/0

Left Out: 395.054 $\pm$ 139.188 χ^2/NDF : 2.7/8

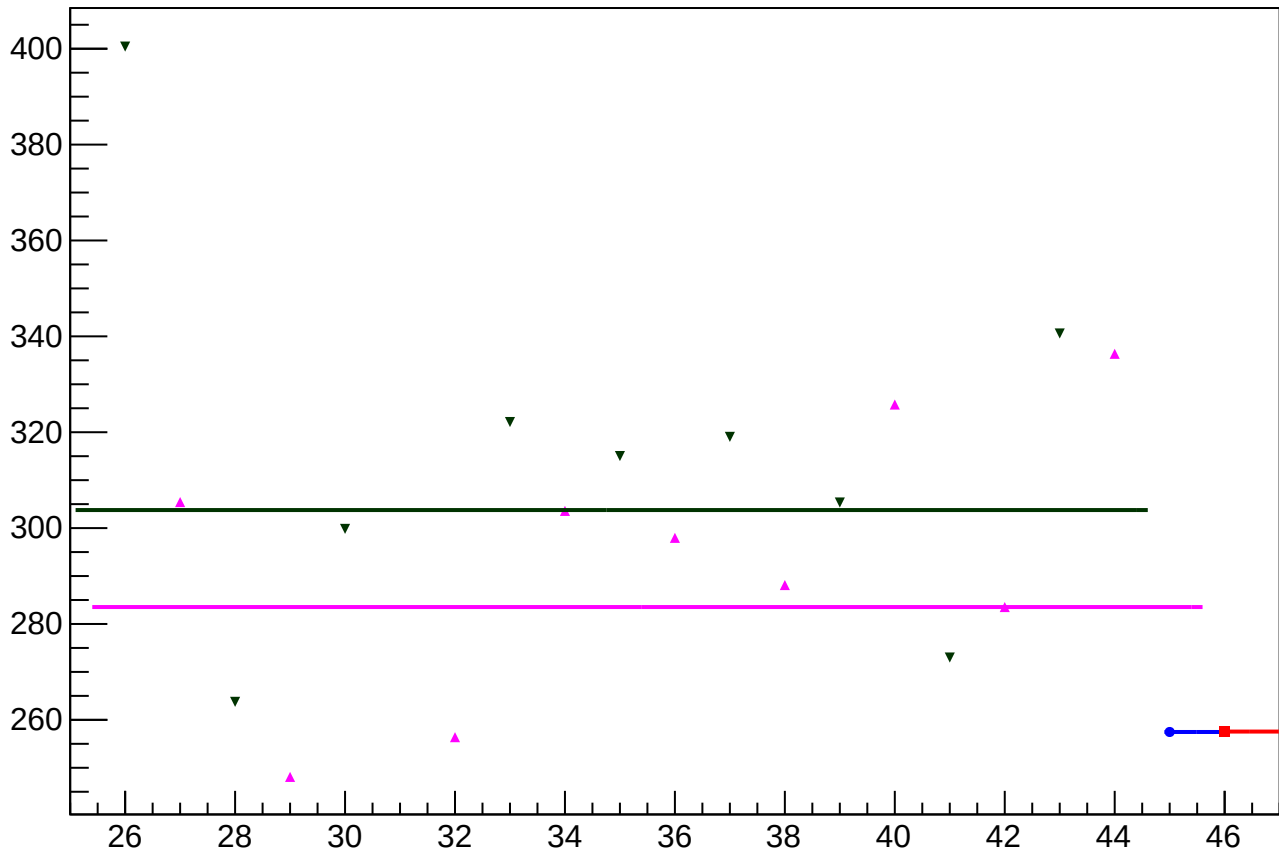
Right Out: -12.244 $\pm$ 395.512 χ^2/NDF : 0.0/0

Left In: -810.313 $\pm$ 120.172 χ^2/NDF : 12.1/8

430.133 $\pm$ 128.189 χ^2/NDF : 3.1/9

-742.863 $\pm$ 114.982 χ^2/NDF : 15.8/9

asym_ds_avg_rms vs slug



Right In: 257.469+/-0.233 χ^2/NDF : 0.0/0

Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

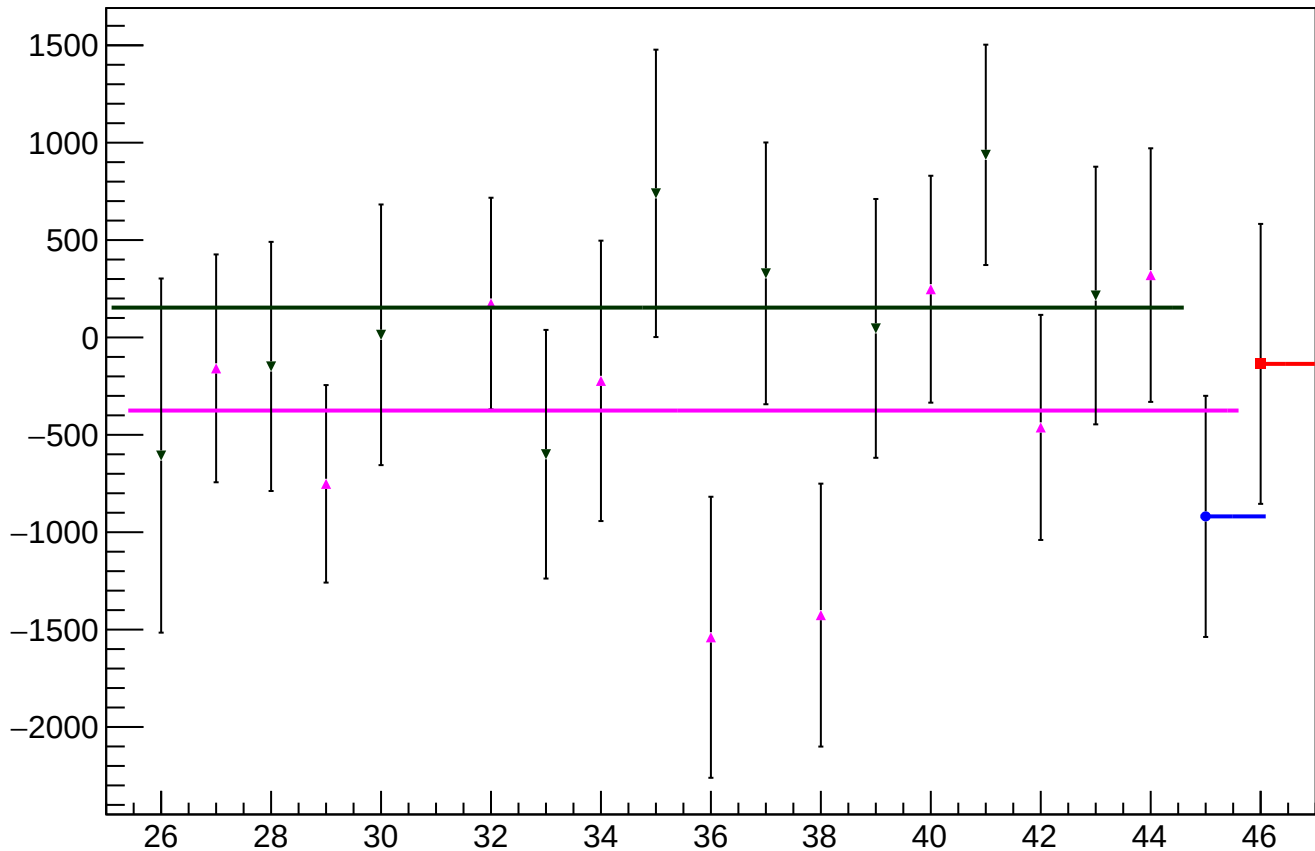
296.738+/-0.091 χ^2/NDF : 158101.9/9

Right Out: 257.556+/-0.280 χ^2/NDF : 0.0/0

281.337+/-0.081 χ^2/NDF : 119675.4/9

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

asym_ds_dd_mean vs slug



Right In: -918.764+/-619.060 χ^2/NDF : 0.0/0

Left Out: 153.259+/-223.218 χ^2/NDF :5.0/8

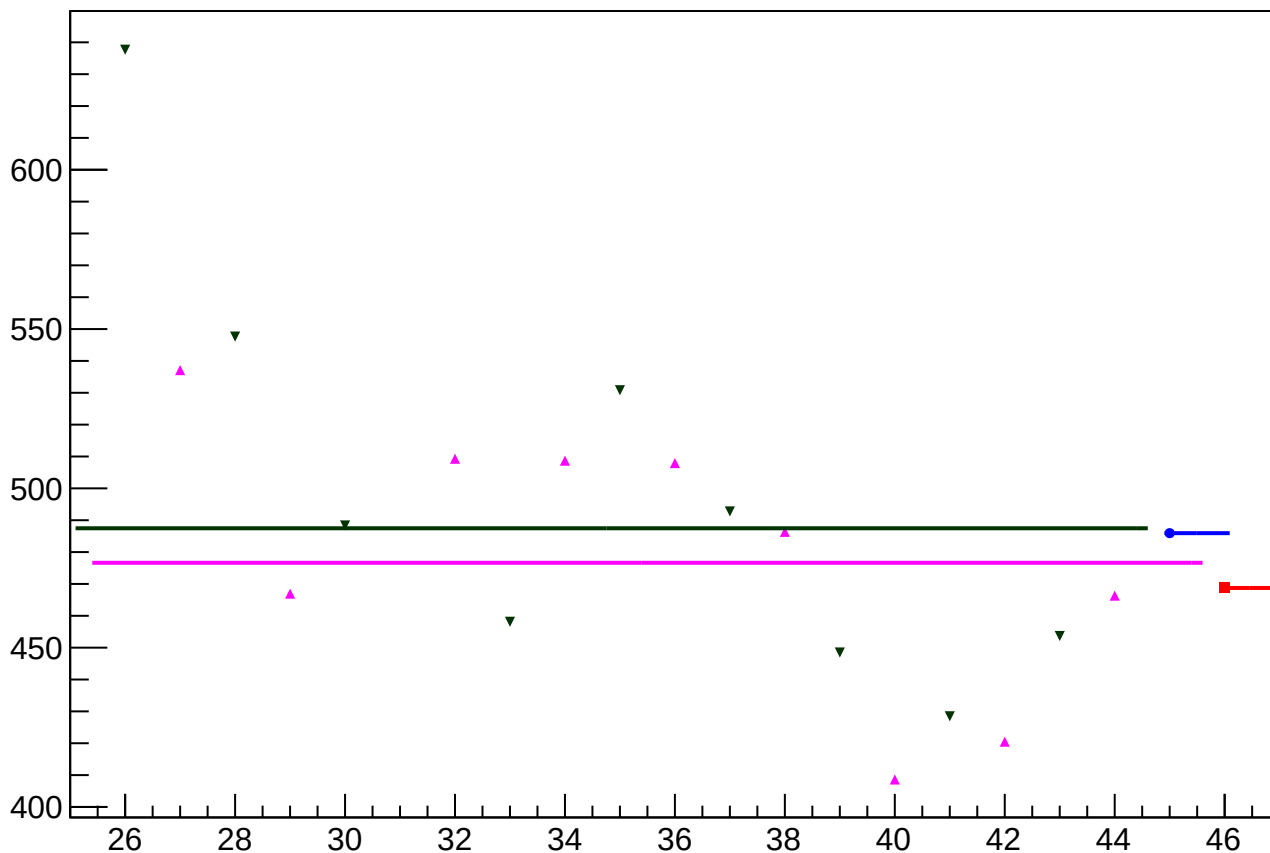
Right Out: -135.732+/-718.677 χ^2/NDF : 0.0/0

Left In: -375.323+/-201.839 χ^2/NDF :9.1/8

29.916+/-209.985 χ^2/NDF : 7.7/9

-357.807+/-194.320 χ^2/NDF : 9.2/9

asym_ds_dd_rms vs slug



Right In: 485.940+/-0.438 χ^2/NDF : 0.0/0

Left Out: 487.474+/-0.158 χ^2/NDF :117424.5/8

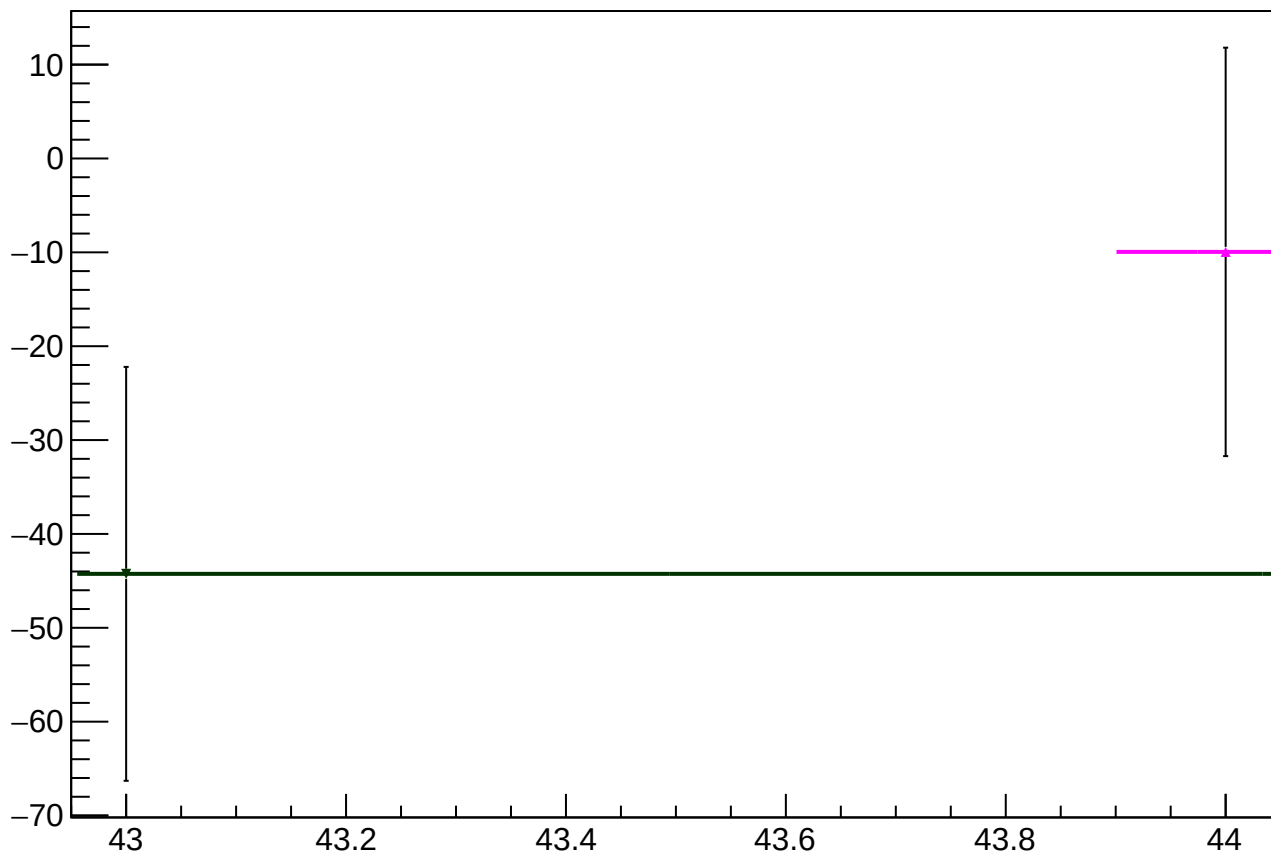
Right Out: 468.740+/-0.508 χ^2/NDF : 0.0/0

Left In: 476.643+/-0.143 χ^2/NDF :84134.8/8

487.297+/-0.148 χ^2/NDF : 117435.4/9

476.065+/-0.137 χ^2/NDF : 84359.0/9

bcm_an_us_ds_dd_mean vs slug



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

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

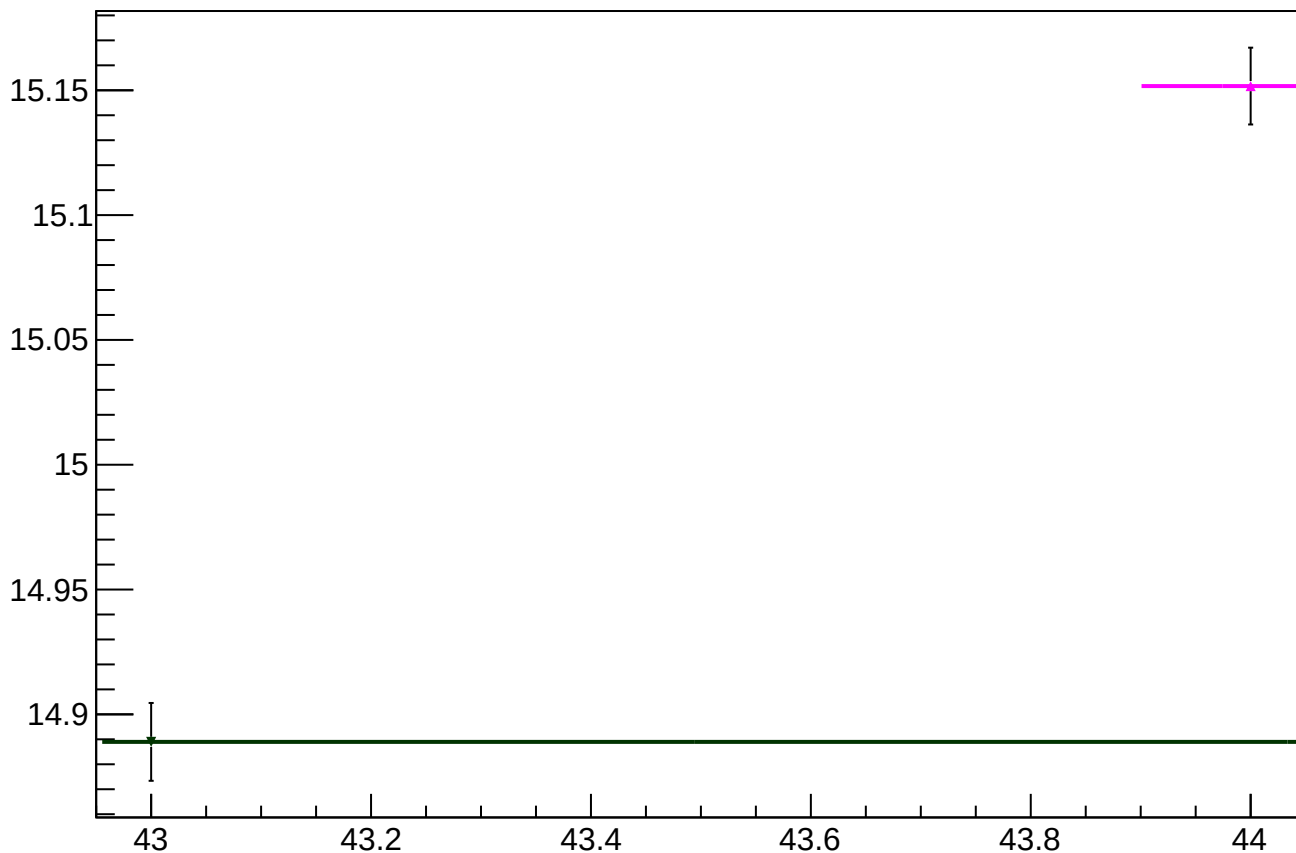
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-44.252 $\pm$ 22.047 χ^2 /NDF: 0.0/0

-9.952 $\pm$ 21.757 χ^2 /NDF: 0.0/0

bcm_an_us_ds_dd_rms vs slug



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

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

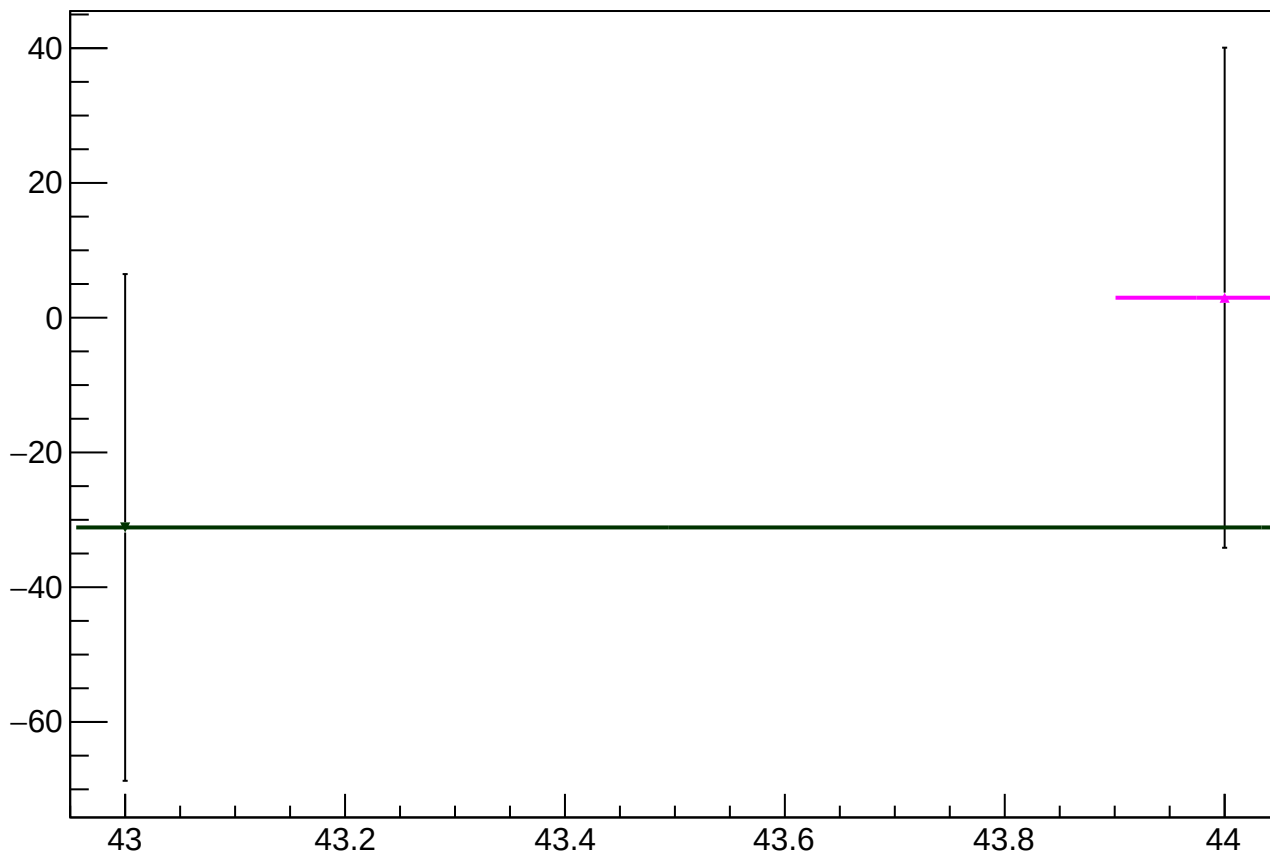
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

14.889 $\pm$ 0.016 χ^2 /NDF: 0.0/0

15.152 $\pm$ 0.015 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs slug



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

Left Out: -31.130+/-37.603 χ^2/NDF : 0.0/0

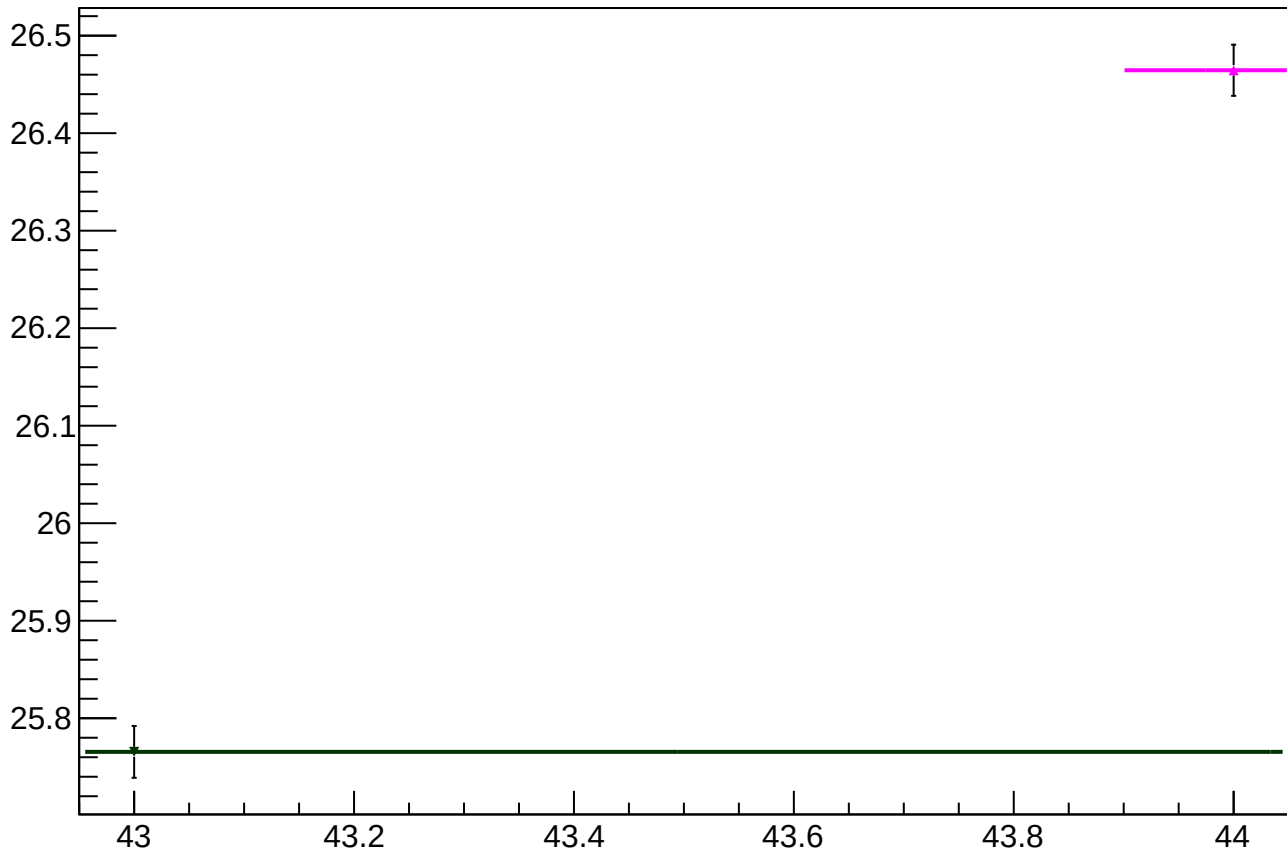
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.964+/-37.111 χ^2/NDF : 0.0/0

-31.130+/-37.603 χ^2/NDF : 0.0/0

2.964+/-37.111 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs slug



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

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

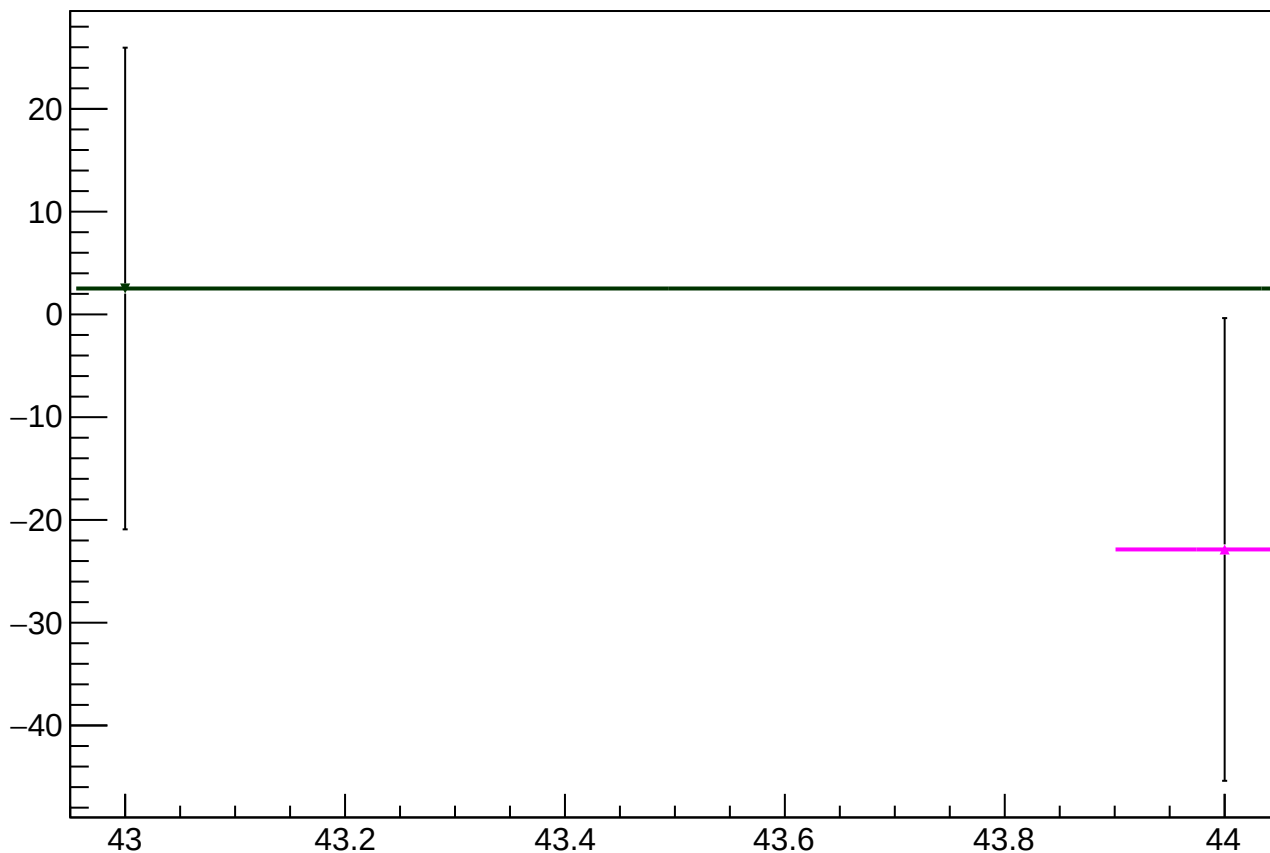
25.766+/-0.027 χ^2/NDF : 0.0/0

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

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

26.465+/-0.026 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

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

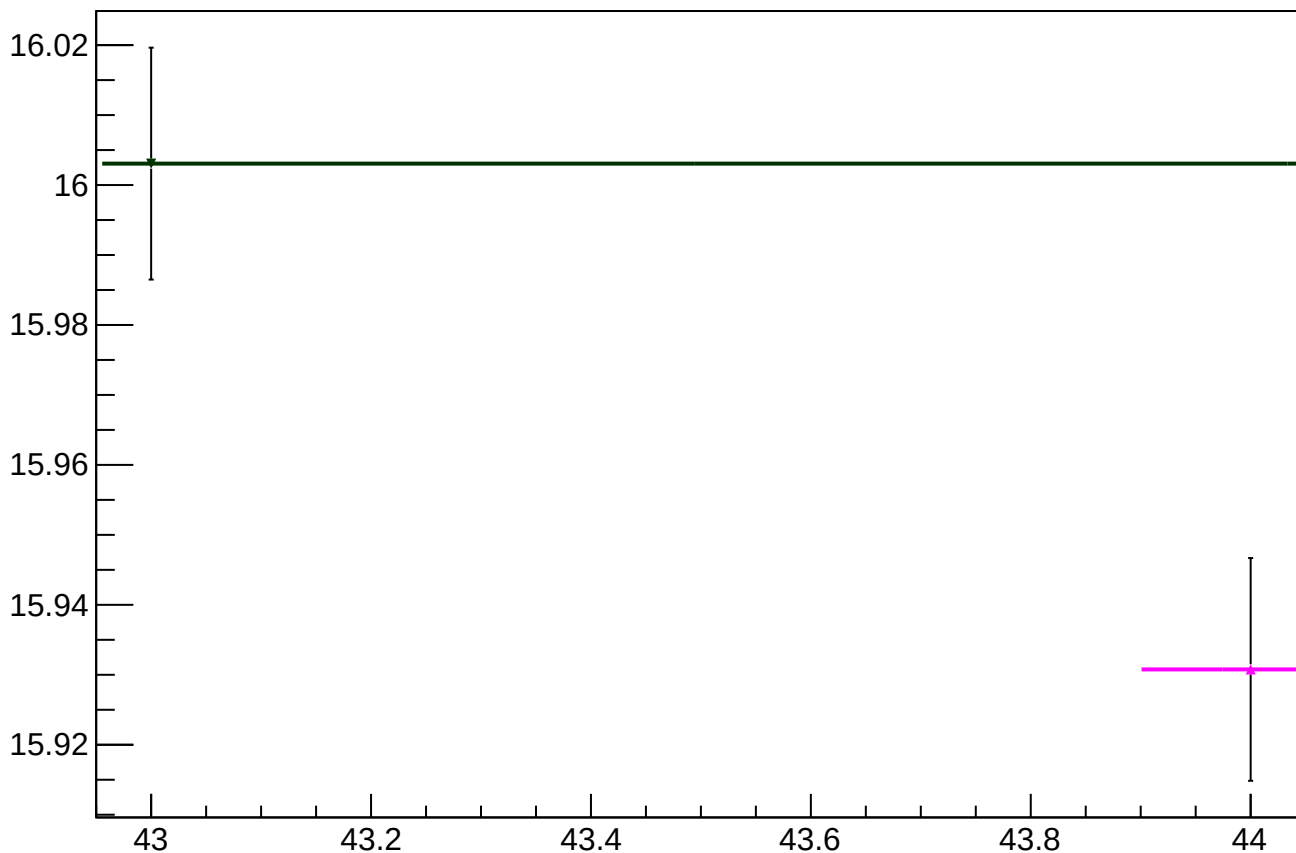
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2.521 $\pm$ 23.436 χ^2 /NDF: 0.0/0

-22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



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

Left Out: 16.003+/-0.017 χ^2/NDF : 0.0/0

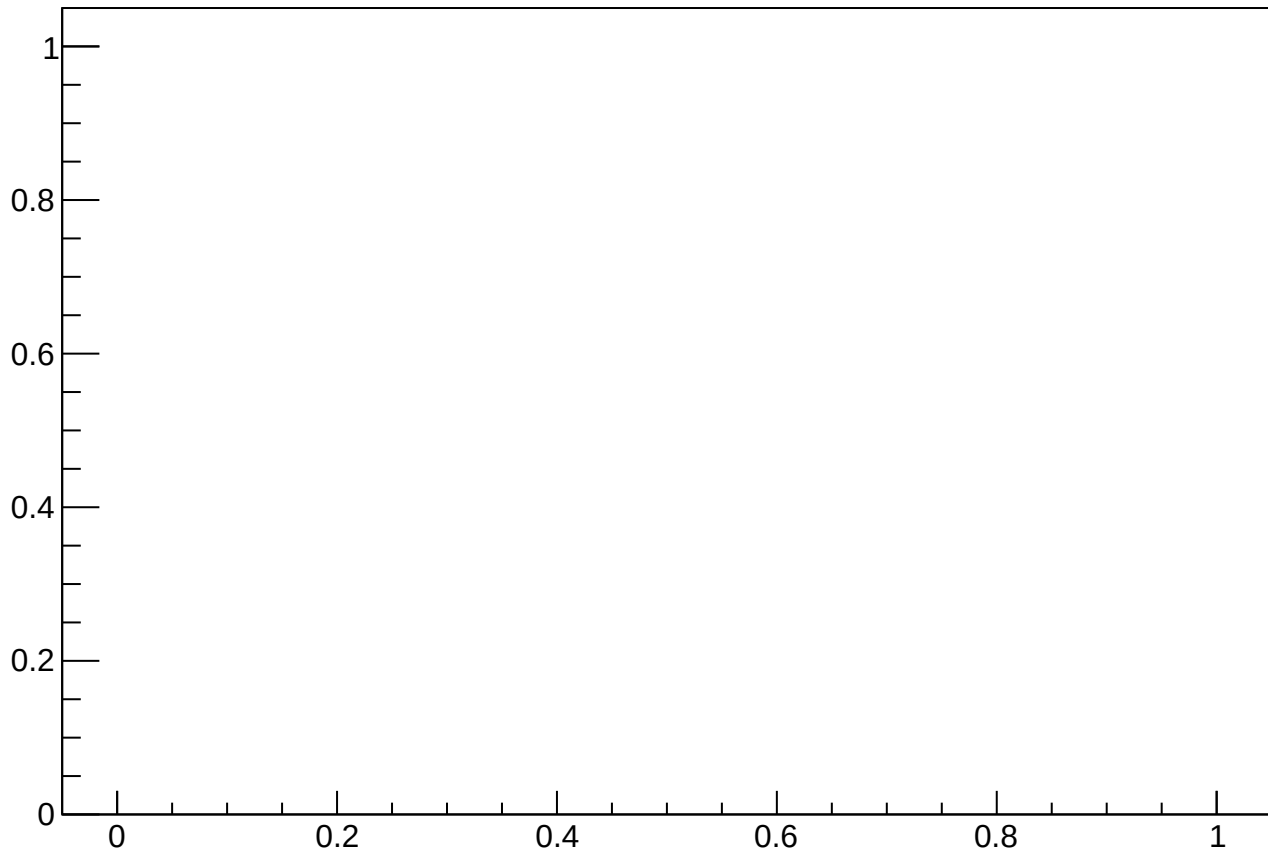
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.931+/-0.016 χ^2/NDF : 0.0/0

16.003+/-0.017 χ^2/NDF : 0.0/0

15.931+/-0.016 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_mean vs slug



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

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

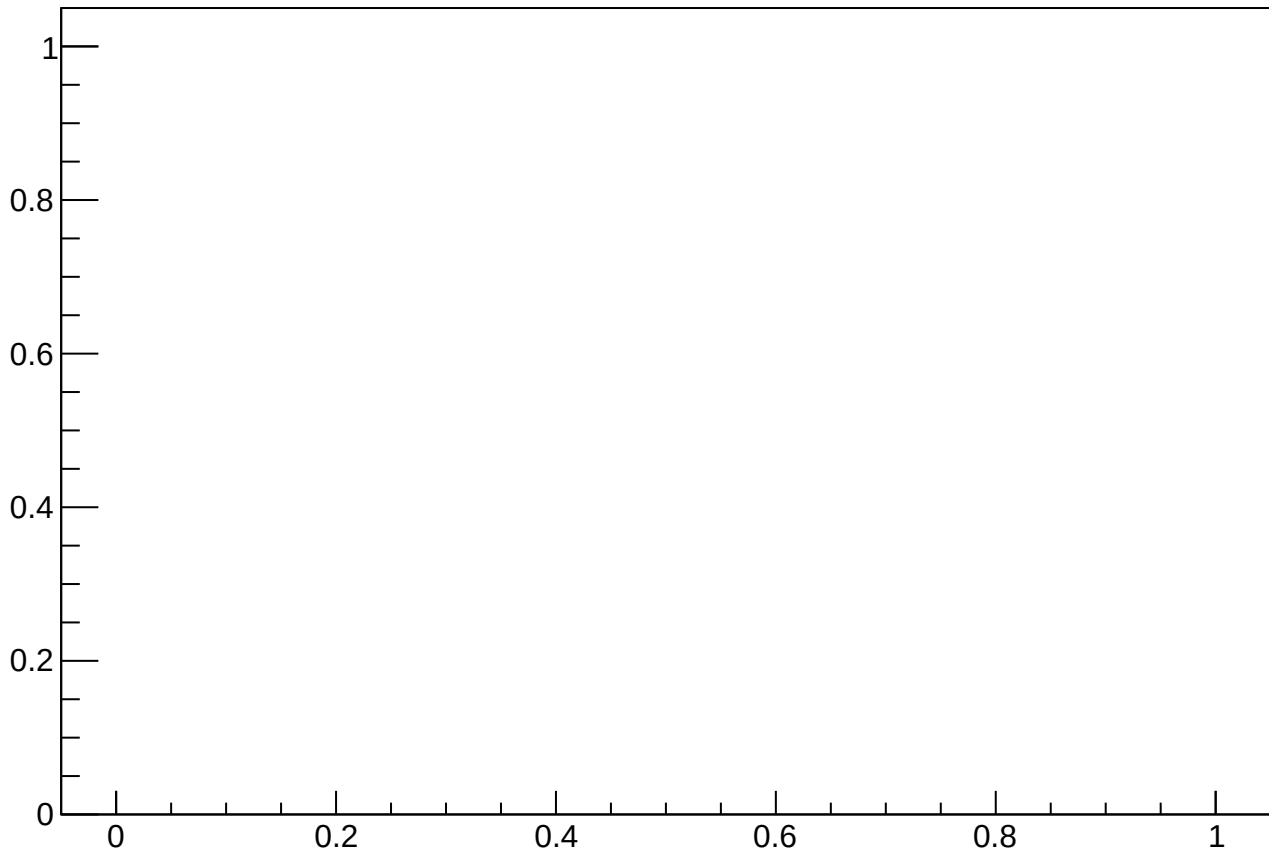
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

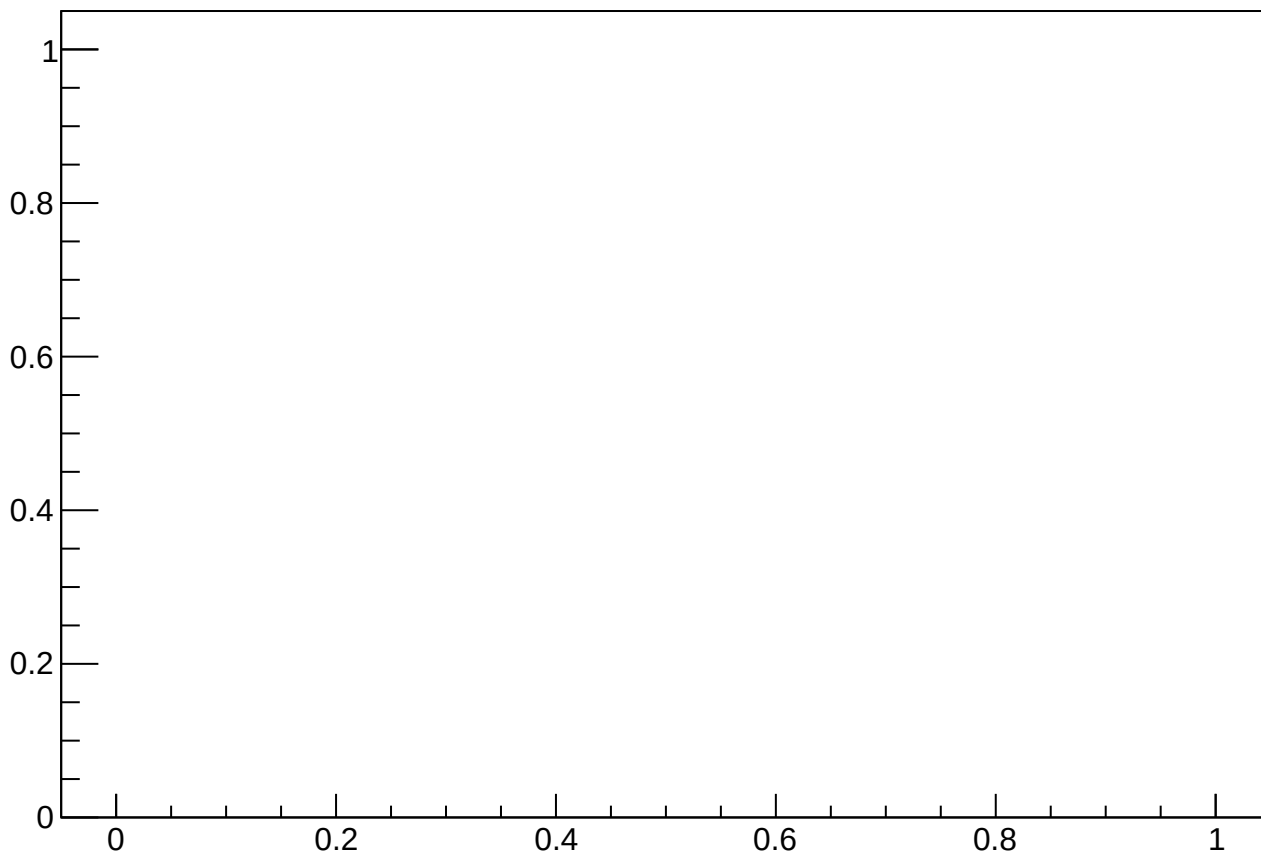
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2/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

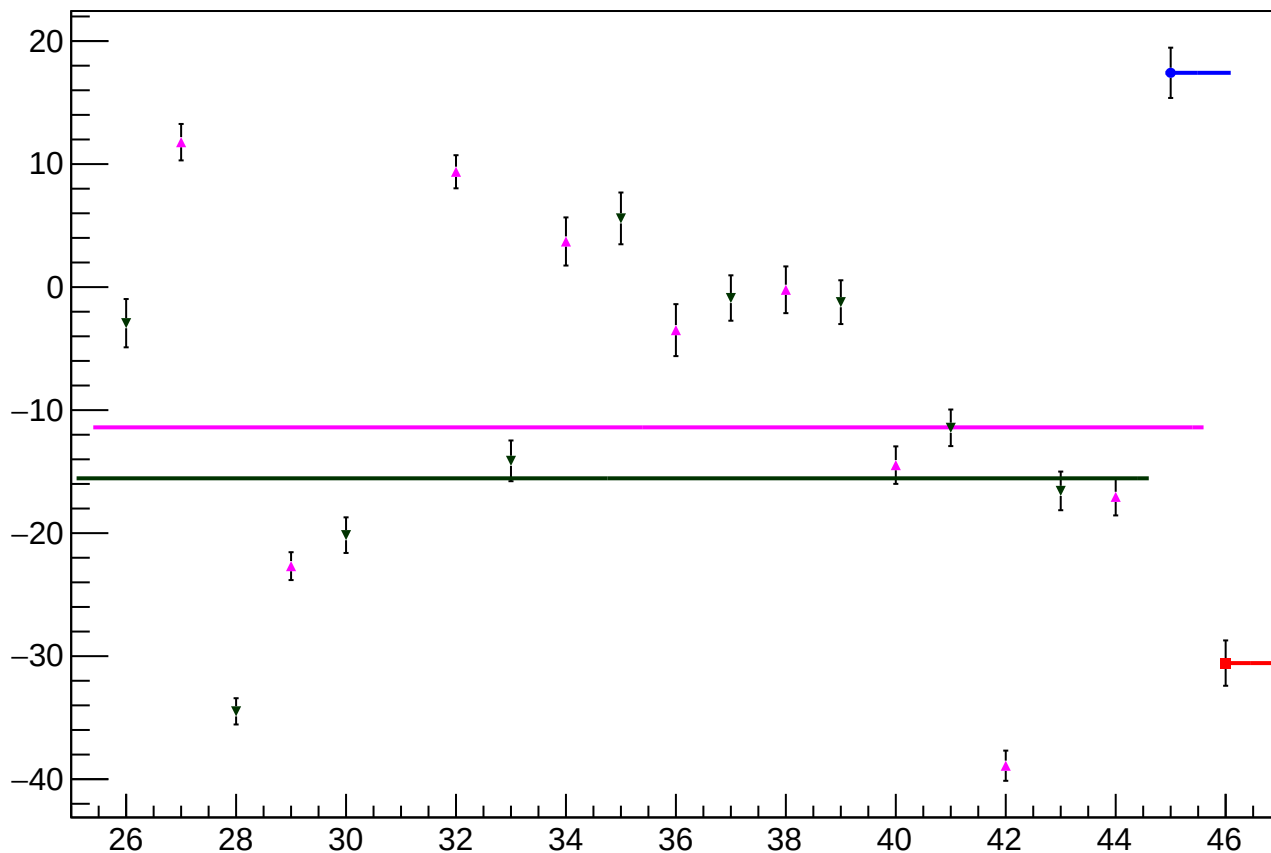
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 17.420+/-2.044 χ^2/NDF : 0.0/0

Left Out: -15.543+/-0.522 χ^2/NDF : 604.1/8

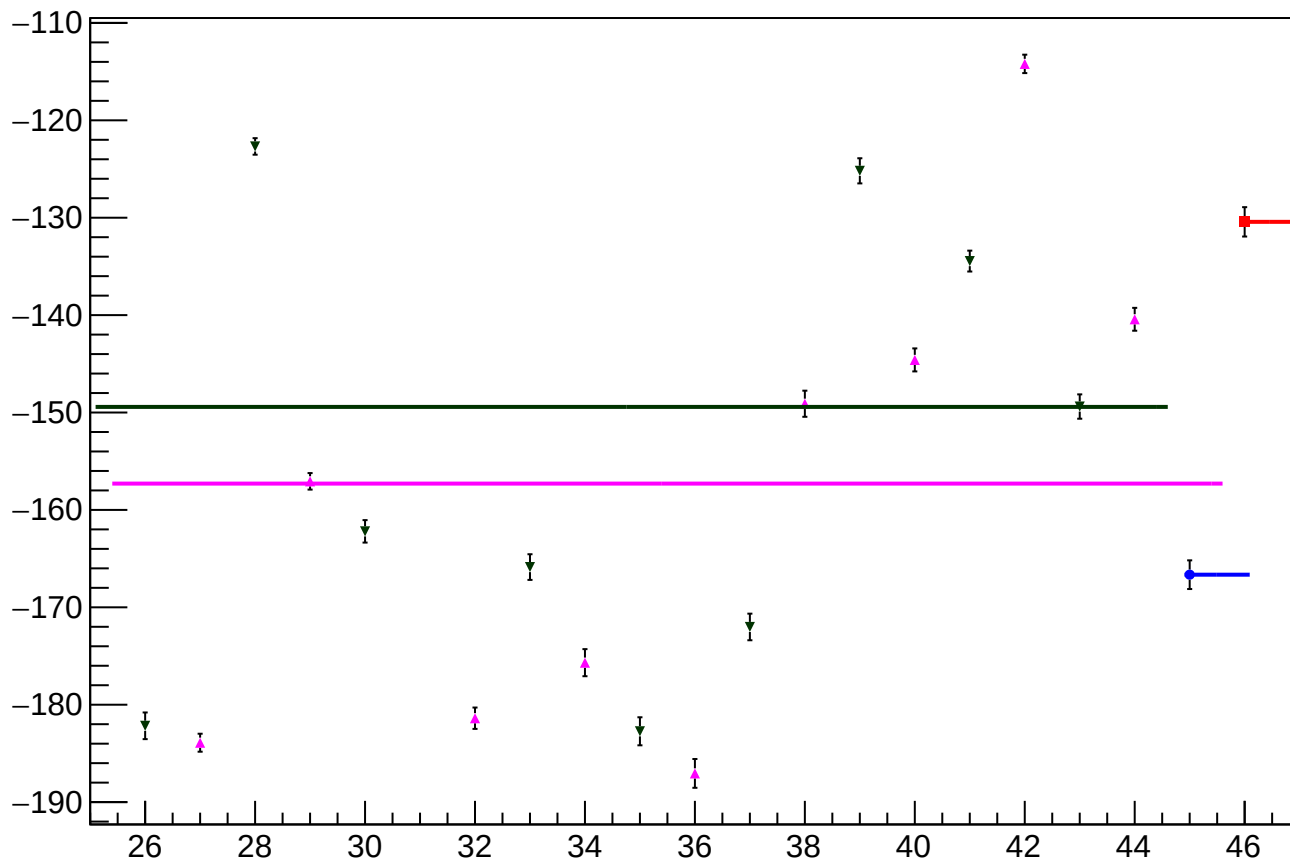
Right Out: -30.563+/-1.843 χ^2/NDF : 0.0/0

Left In: -11.401+/-0.495 χ^2/NDF : 1211.6/8

-13.527+/-0.506 χ^2/NDF : 848.2/9

-12.689+/-0.478 χ^2/NDF : 1312.4/9

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -166.650+/-1.473 χ^2/NDF : 0.0/0

Left Out: -149.424+/-0.396 χ^2/NDF : 3200.7/8

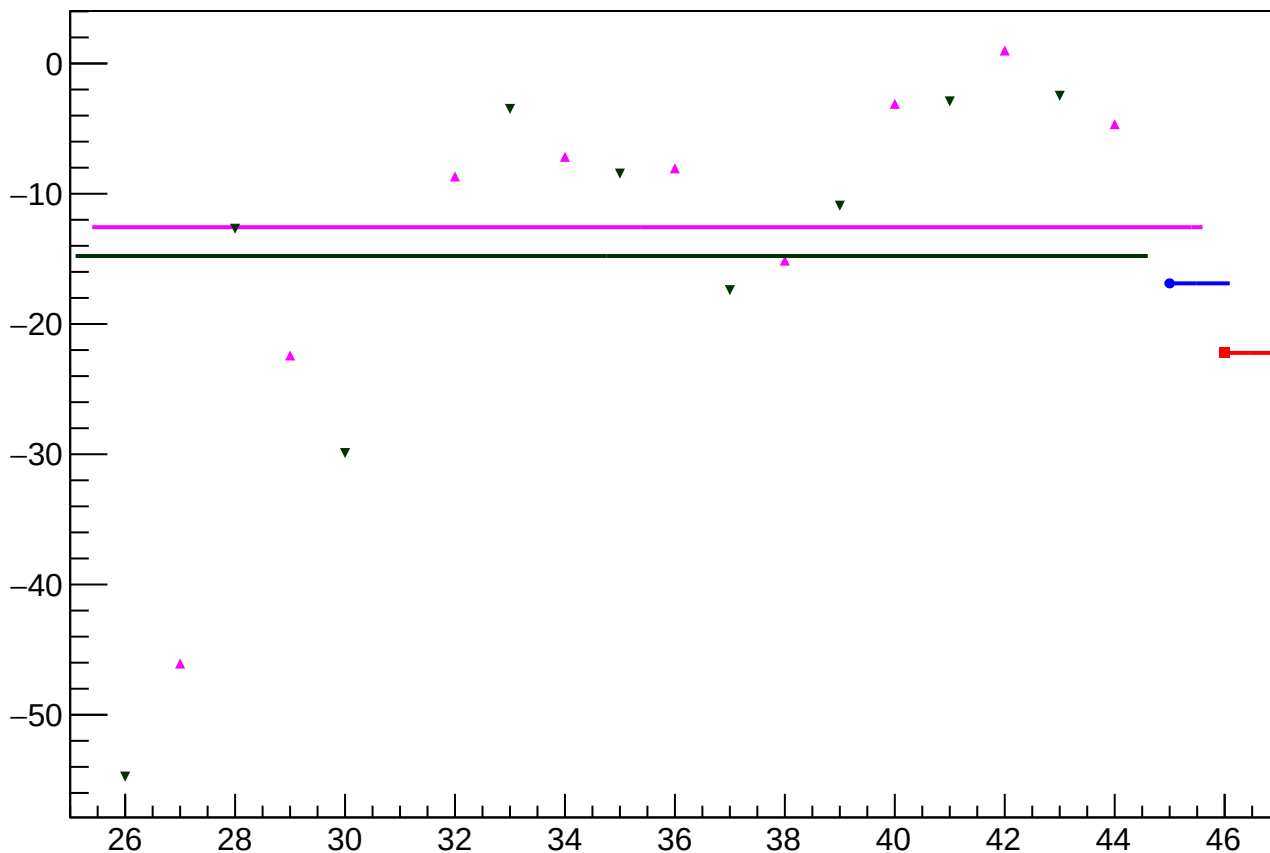
Right Out: -130.424+/-1.508 χ^2/NDF : 0.0/0

Left In: -157.298+/-0.365 χ^2/NDF : 4330.4/8

-150.585+/-0.382 χ^2/NDF : 3328.3/9

-155.806+/-0.355 χ^2/NDF : 4630.5/9

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -16.880 +/- 0.325 χ^2/NDF : 0.0/0

Left Out: -14.780 +/- 0.088 χ^2/NDF : 26305.9/8

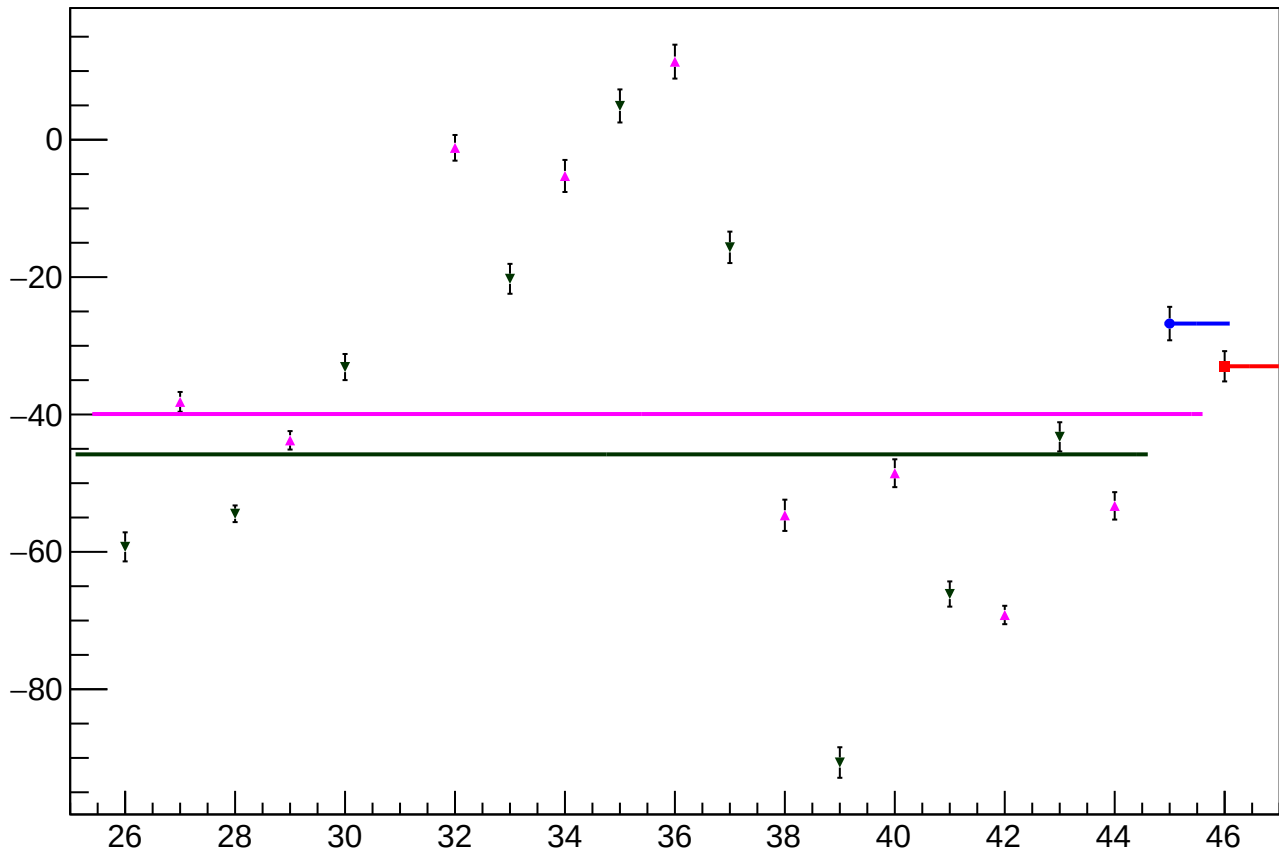
Right Out: -22.216 +/- 0.281 χ^2/NDF : 0.0/0

Left In: -12.566 +/- 0.085 χ^2/NDF : 25284.3/8

-14.924 +/- 0.085 χ^2/NDF : 26344.7/9

-13.380 +/- 0.082 χ^2/NDF : 26366.8/9

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -26.763 ± 2.435 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -45.805 ± 0.636 $\chi^2/\text{NDF}: 1422.6/8$

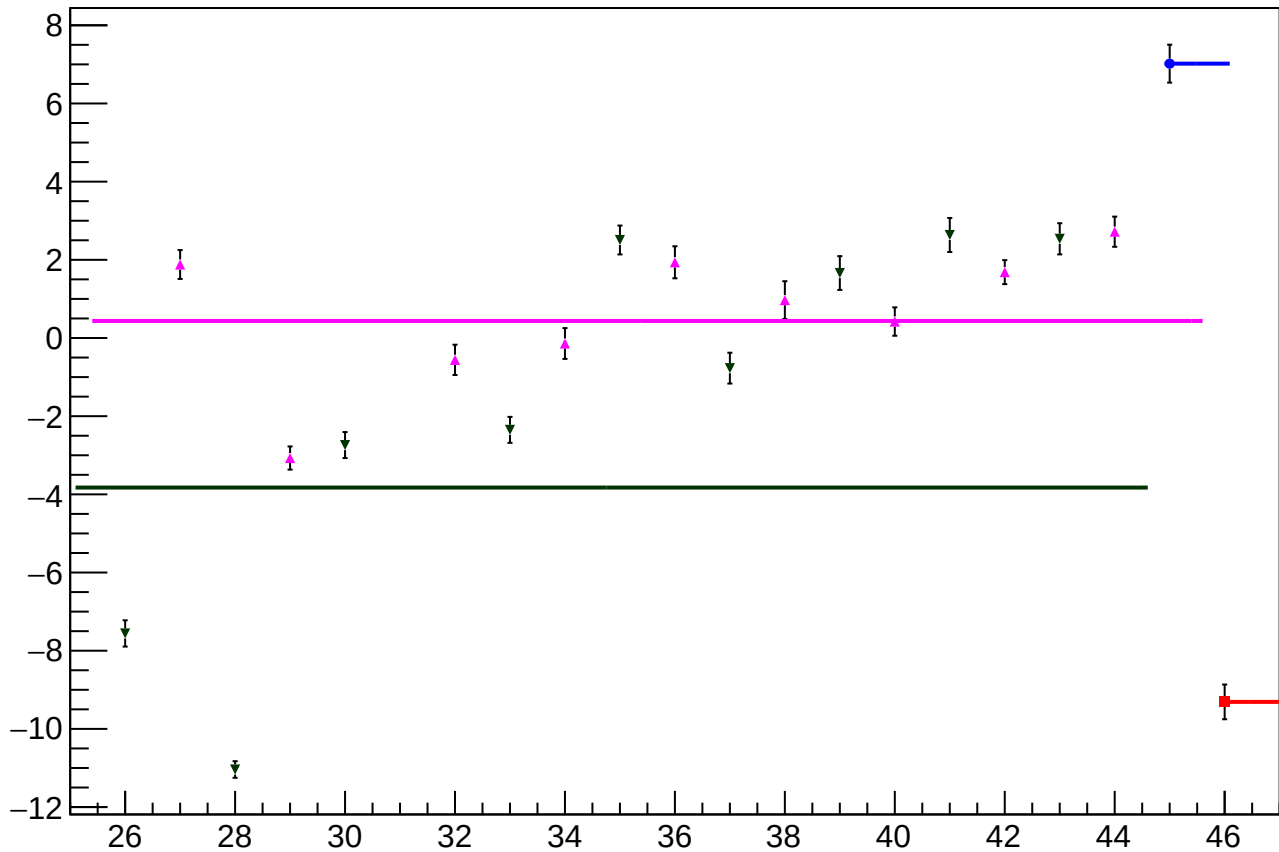
-44.590 ± 0.615 $\chi^2/\text{NDF}: 1479.8/9$

Right Out: -32.980 ± 2.205 $\chi^2/\text{NDF}: 0.0/0$

-39.475 ± 0.566 $\chi^2/\text{NDF}: 1683.8/9$

Left In: -39.933 ± 0.586 $\chi^2/\text{NDF}: 1674.5/8$

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 7.019 $\pm$ 0.485 χ^2 /NDF: 0.0/0

Left Out: -3.826 $\pm$ 0.112 χ^2 /NDF: 2297.6/8

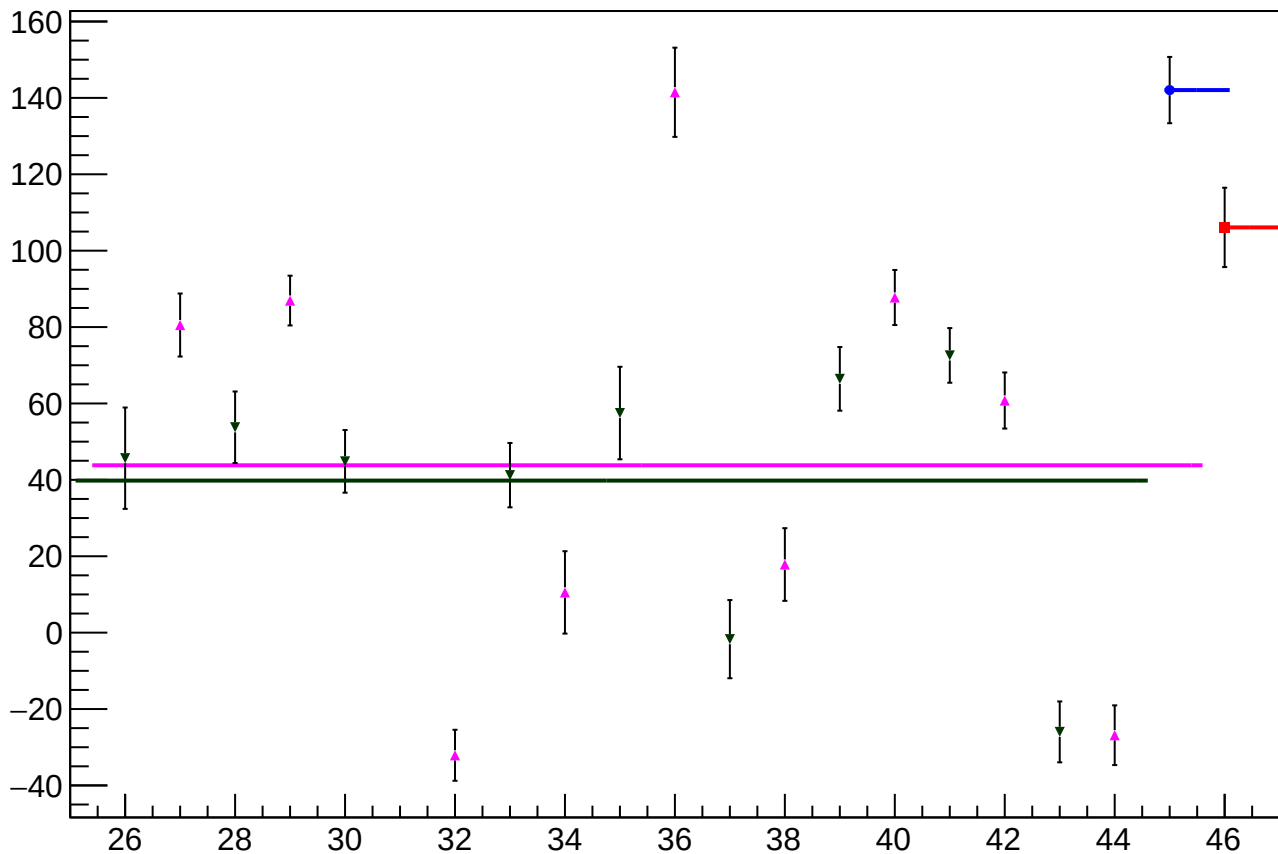
-3.278 $\pm$ 0.109 χ^2 /NDF: 2771.6/9

Right Out: -9.309 $\pm$ 0.444 χ^2 /NDF: 0.0/0

-0.250 $\pm$ 0.118 χ^2 /NDF: 678.0/9

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 142.049 $\pm$ 8.678 χ^2 /NDF: 0.0/0

Left Out: 39.807 $\pm$ 2.987 χ^2 /NDF:120.7/8

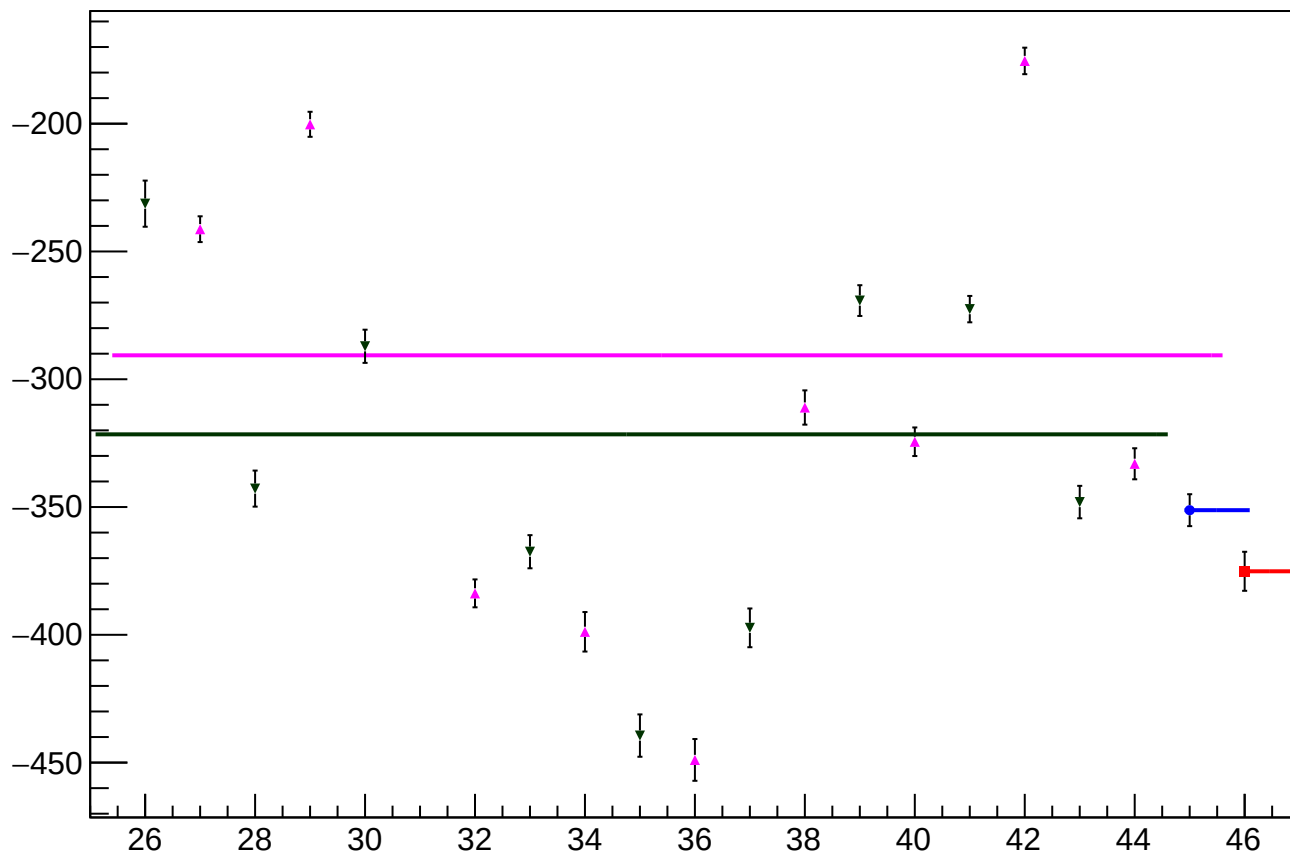
Right Out: 106.095 $\pm$ 10.391 χ^2 /NDF: 0.0/0

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

50.638 $\pm$ 2.825 χ^2 /NDF: 244.8/9

47.630 $\pm$ 2.573 χ^2 /NDF: 437.7/9

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -351.230+/-6.246 χ^2 /NDF: 0.0/0

Left Out: -321.559+/-2.226 χ^2 /NDF:672.6/8

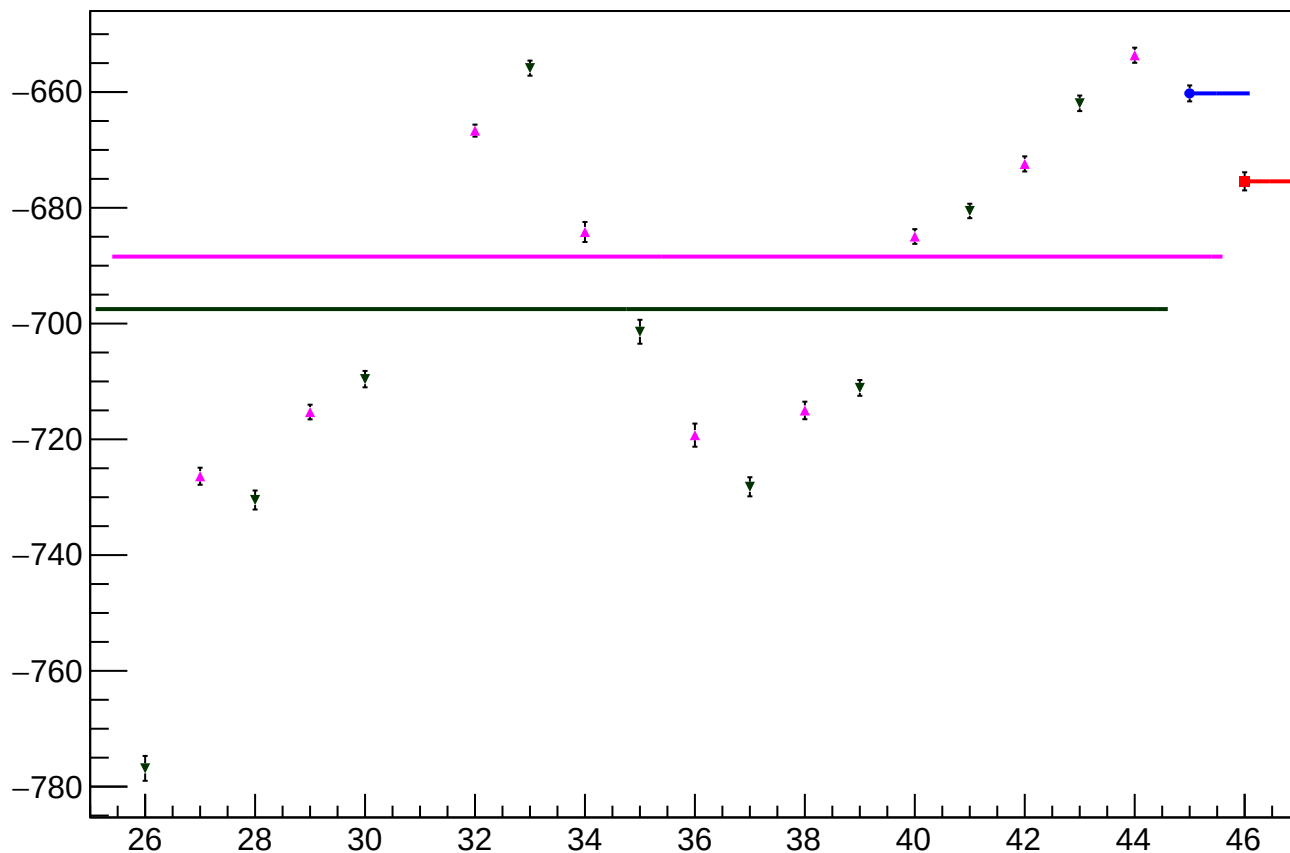
Right Out: -375.147+/-7.635 χ^2 /NDF: 0.0/0

Left In: -290.636+/-1.943 χ^2 /NDF:1886.8/8

-324.904+/-2.097 χ^2 /NDF: 692.6/9

-295.778+/-1.883 χ^2 /NDF: 2001.8/9

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -660.233+/-1.379 χ^2/NDF : 0.0/0

Left Out: -697.498+/-0.500 χ^2/NDF : 4190.1/8

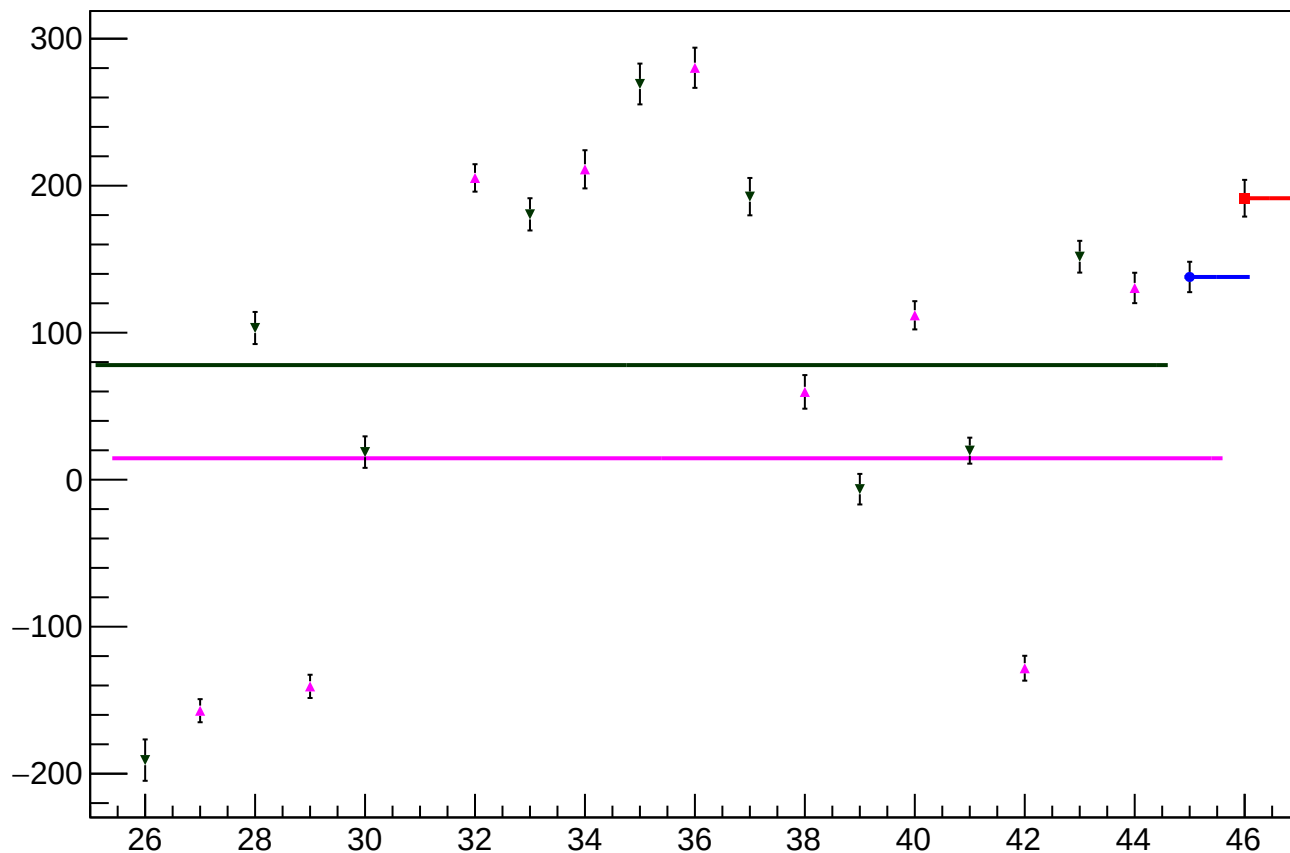
Right Out: -675.427+/-1.568 χ^2/NDF : 0.0/0

Left In: -688.429+/-0.456 χ^2/NDF : 2965.5/8

-693.176+/-0.470 χ^2/NDF : 4835.3/9

-687.416+/-0.438 χ^2/NDF : 3028.9/9

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 137.907 $\pm$ 10.335 χ^2 /NDF: 0.0/0

Left Out: 77.958 $\pm$ 3.716 χ^2 /NDF:915.0/8

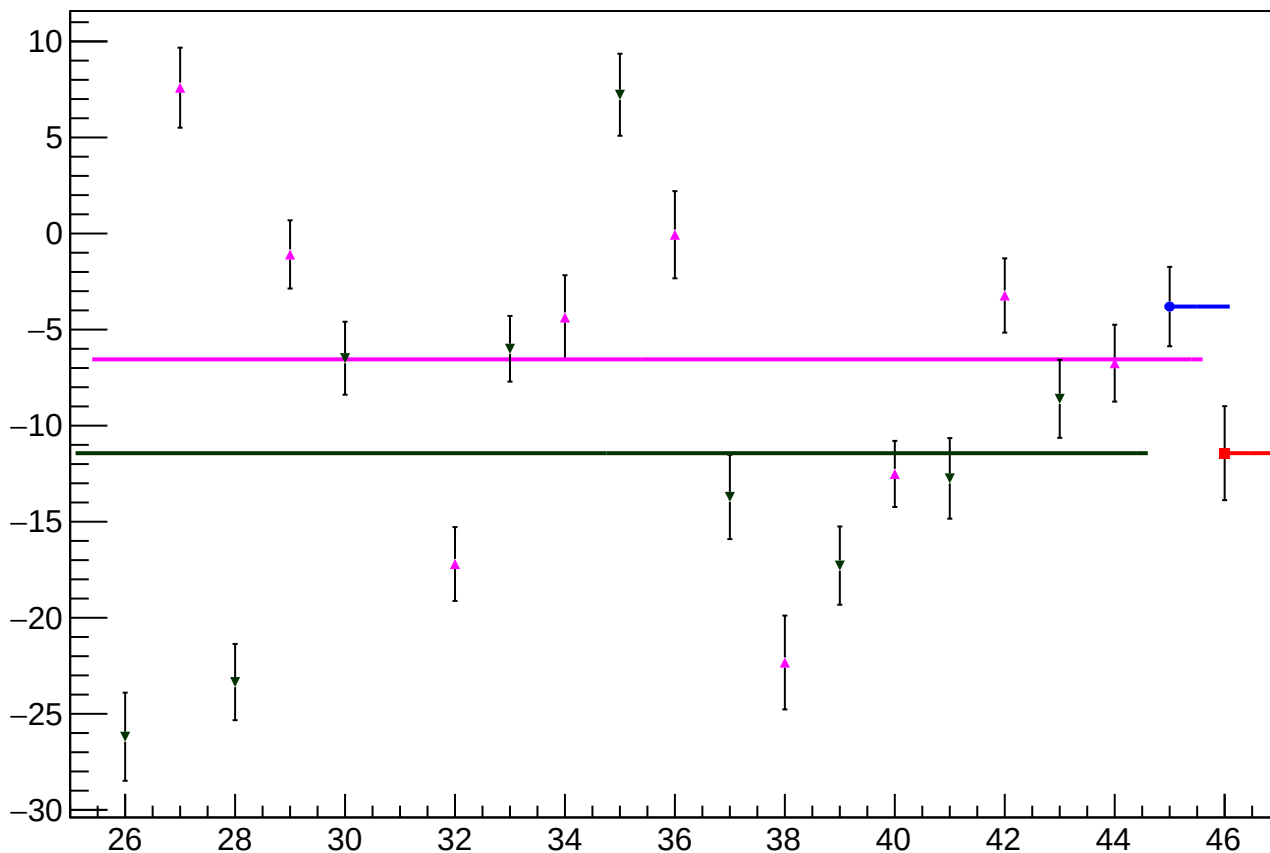
Right Out: 191.468 $\pm$ 12.491 χ^2 /NDF: 0.0/0

Left In: 14.568 $\pm$ 3.215 χ^2 /NDF:2415.4/8

84.820 $\pm$ 3.497 χ^2 /NDF: 944.8/9

25.557 $\pm$ 3.113 χ^2 /NDF: 2603.5/9

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.801 $\pm$ 2.066 χ^2/NDF : 0.0/0

Left Out: -11.434 $\pm$ 0.674 χ^2/NDF :182.4/8

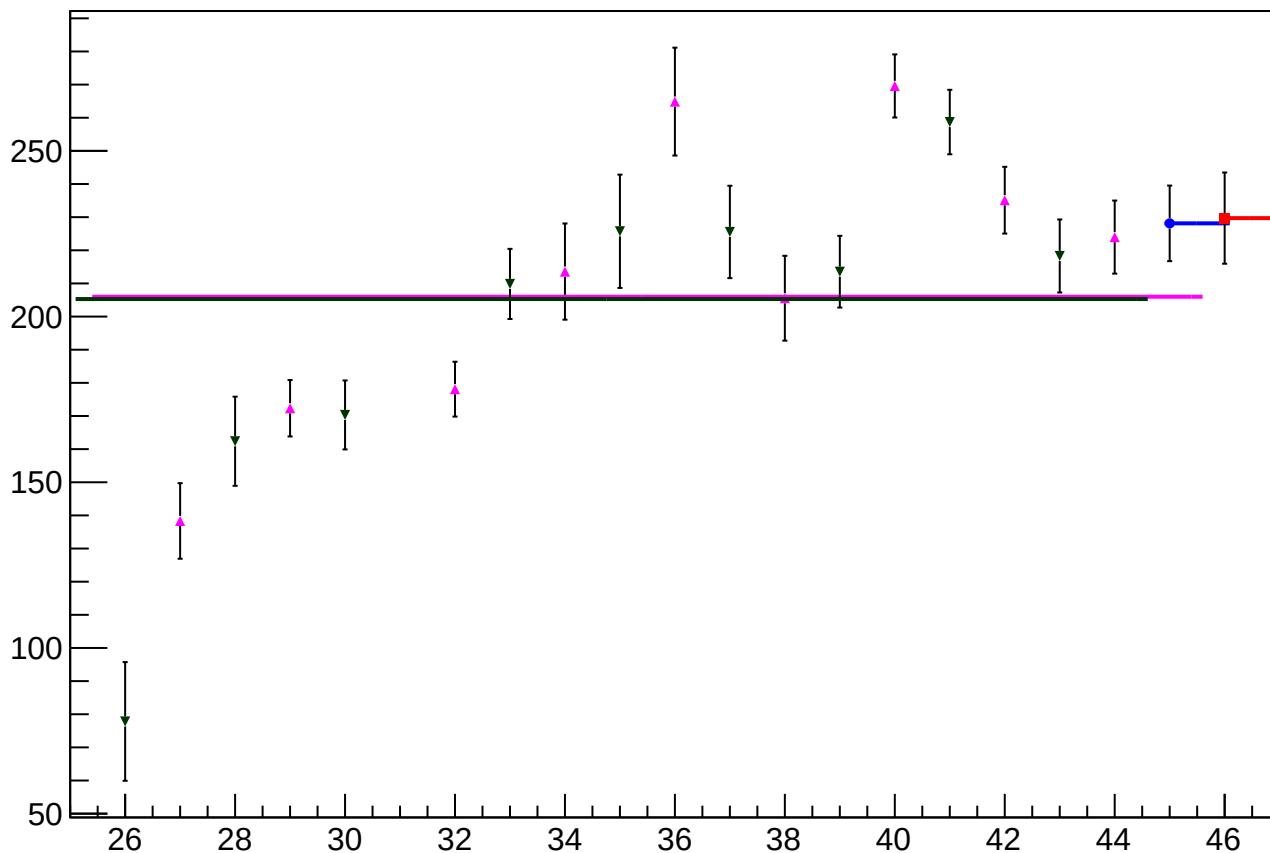
Right Out: -11.433 $\pm$ 2.447 χ^2/NDF : 0.0/0

Left In: -6.549 $\pm$ 0.668 χ^2/NDF :152.2/8

-10.699 $\pm$ 0.641 χ^2/NDF : 194.7/9

-6.888 $\pm$ 0.644 χ^2/NDF : 155.9/9

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 228.131 $\pm$ 11.398 χ^2 /NDF: 0.0/0

Left Out: 205.287 $\pm$ 3.993 χ^2 /NDF:108.0/8

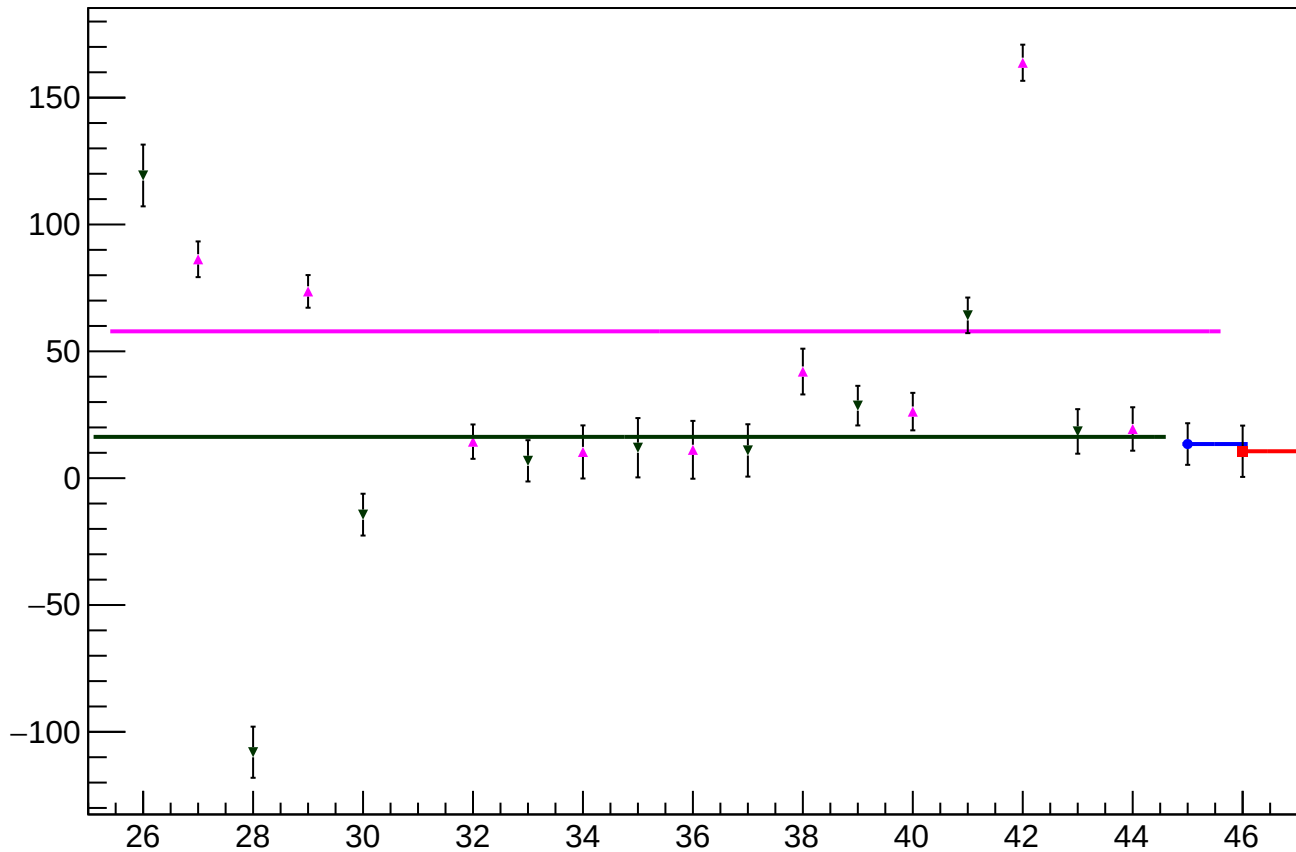
Right Out: 229.711 $\pm$ 13.762 χ^2 /NDF: 0.0/0

Left In: 205.988 $\pm$ 3.539 χ^2 /NDF:131.2/8

207.784 $\pm$ 3.768 χ^2 /NDF: 111.5/9

207.459 $\pm$ 3.428 χ^2 /NDF: 134.0/9

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 13.456 $\pm$ 8.201 χ^2 /NDF: 0.0/0

Left Out: 16.279 $\pm$ 2.978 χ^2 /NDF:288.5/8

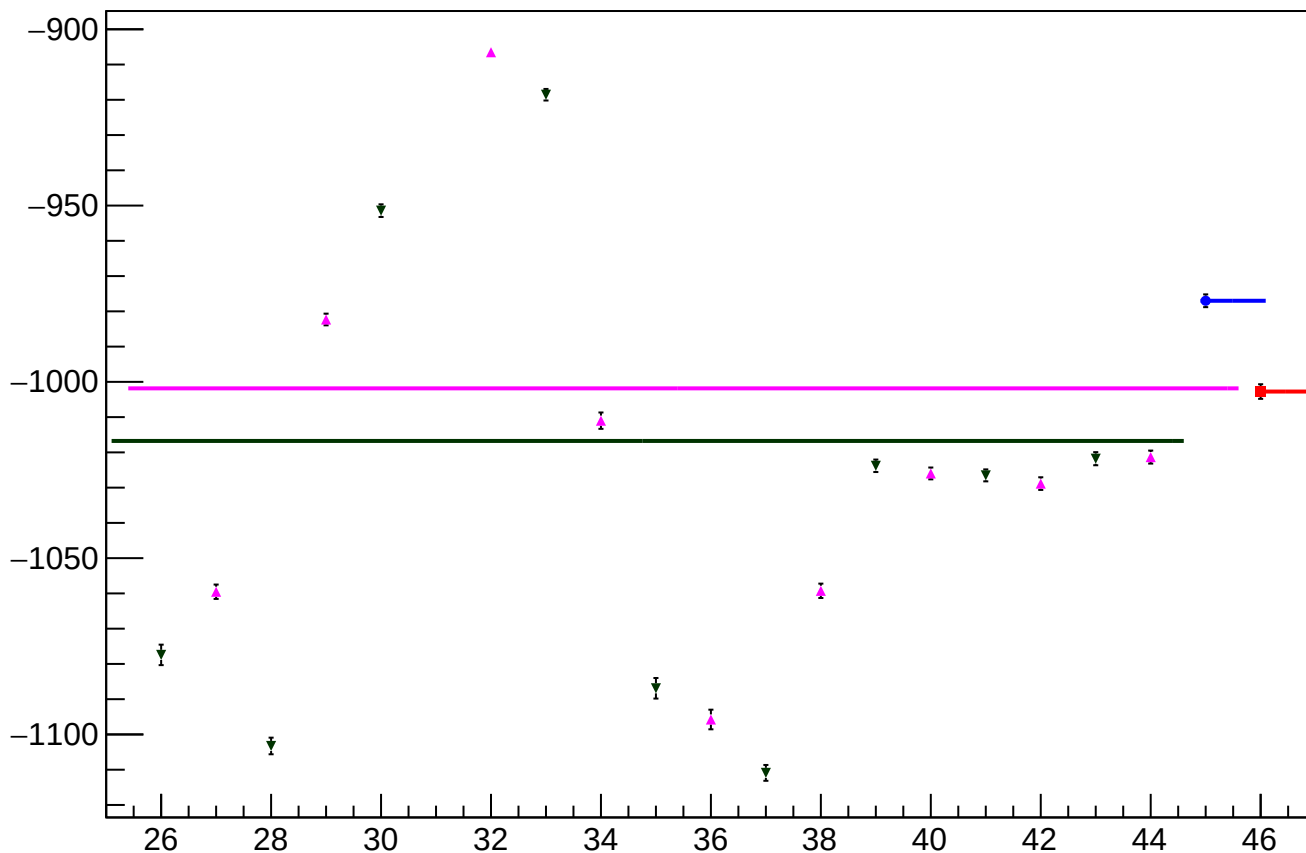
Right Out: 10.610 $\pm$ 10.112 χ^2 /NDF: 0.0/0

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF:363.5/8

15.950 $\pm$ 2.799 χ^2 /NDF: 288.6/9

54.929 $\pm$ 2.526 χ^2 /NDF: 383.9/9

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -977.001 ± 1.813 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1016.757 ± 0.666 $\chi^2/\text{NDF}: 9085.0/8$

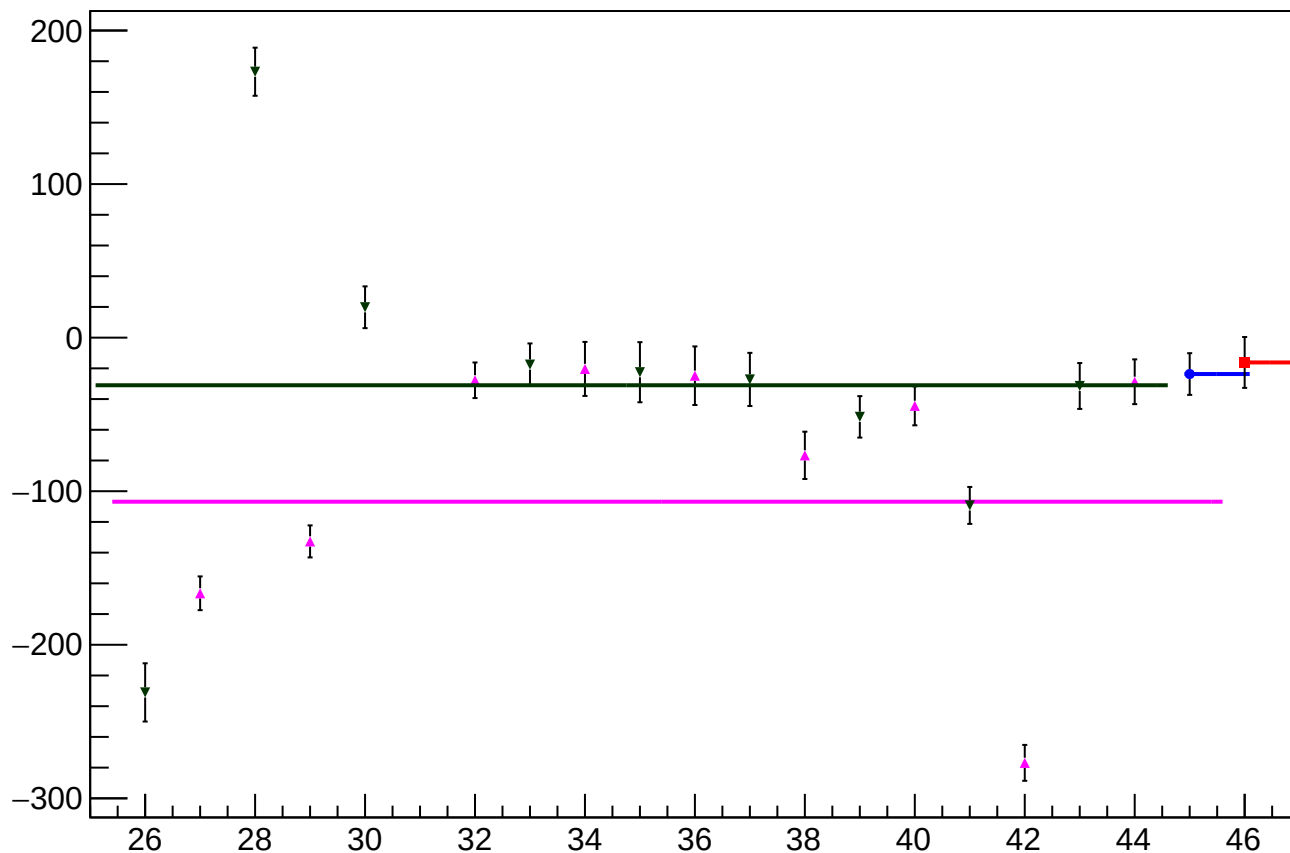
Right Out: -1002.747 ± 2.075 $\chi^2/\text{NDF}: 0.0/0$

Left In: -1001.844 ± 0.607 $\chi^2/\text{NDF}: 8875.1/8$

-1012.026 ± 0.625 $\chi^2/\text{NDF}: 9508.8/9$

-1001.915 ± 0.582 $\chi^2/\text{NDF}: 8875.3/9$

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -23.696 ± 13.575 χ^2/NDF : 0.0/0

Left Out: -31.002 ± 4.978 χ^2/NDF : 340.9/8

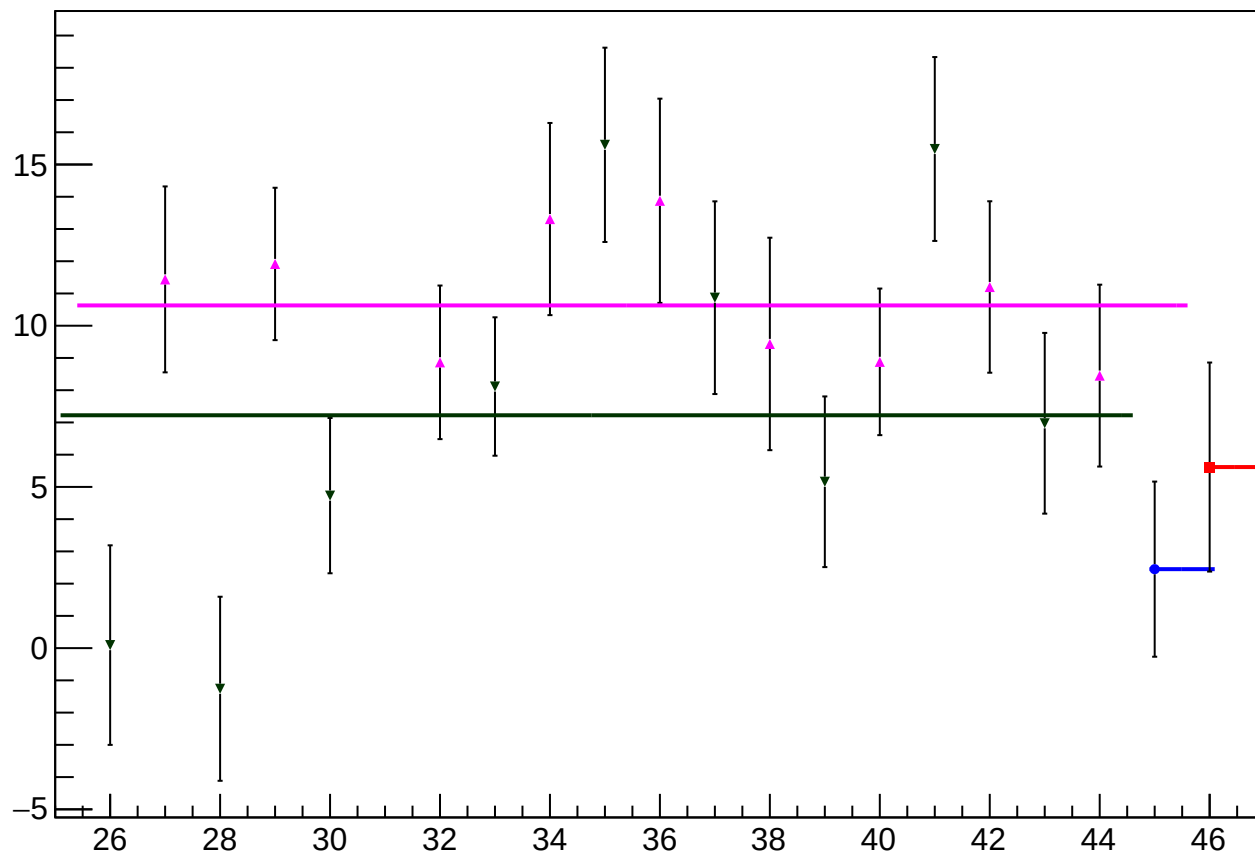
Right Out: -16.152 ± 16.567 χ^2/NDF : 0.0/0

Left In: -106.838 ± 4.330 χ^2/NDF : 393.2/8

-30.136 ± 4.674 χ^2/NDF : 341.2/9

-101.040 ± 4.189 χ^2/NDF : 421.3/9

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 2.449 $\pm$ 2.716 χ^2/NDF : 0.0/0

Left Out: 7.222 $\pm$ 0.901 χ^2/NDF : 33.6/8

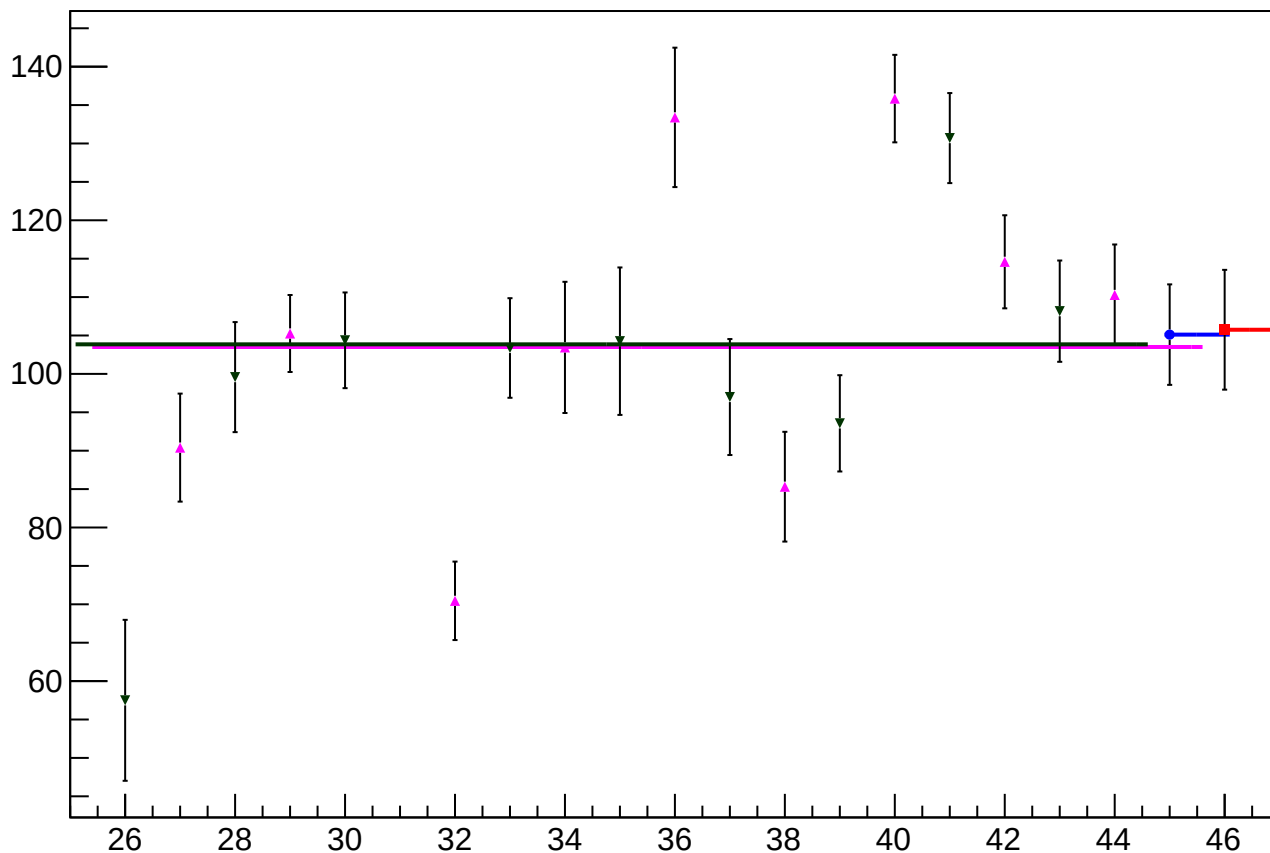
Right Out: 5.616 $\pm$ 3.242 χ^2/NDF : 0.0/0

Left In: 10.629 $\pm$ 0.898 χ^2/NDF : 4.1/8

6.749 $\pm$ 0.855 χ^2/NDF : 36.4/9

10.272 $\pm$ 0.865 χ^2/NDF : 6.4/9

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 105.113 $\pm$ 6.542 χ^2 /NDF: 0.0/0

Left Out: 103.848 $\pm$ 2.331 χ^2 /NDF:44.9/8

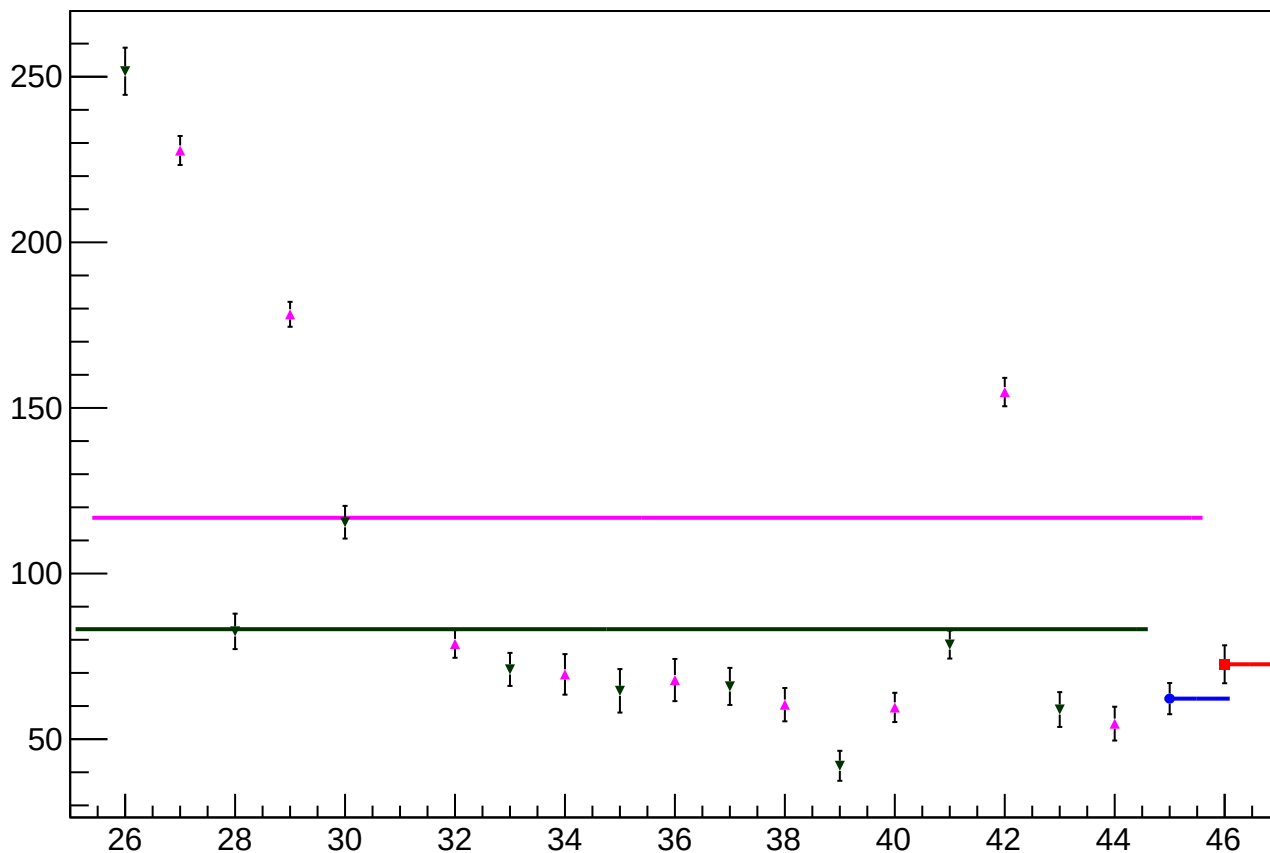
Right Out: 105.747 $\pm$ 7.798 χ^2 /NDF: 0.0/0

Left In: 103.503 $\pm$ 2.108 χ^2 /NDF:99.4/8

103.991 $\pm$ 2.196 χ^2 /NDF: 44.9/9

103.655 $\pm$ 2.035 χ^2 /NDF: 99.5/9

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 62.236 $\pm$ 4.708 χ^2 /NDF: 0.0/0

Left Out: 83.201 $\pm$ 1.736 χ^2 /NDF: 731.5/8

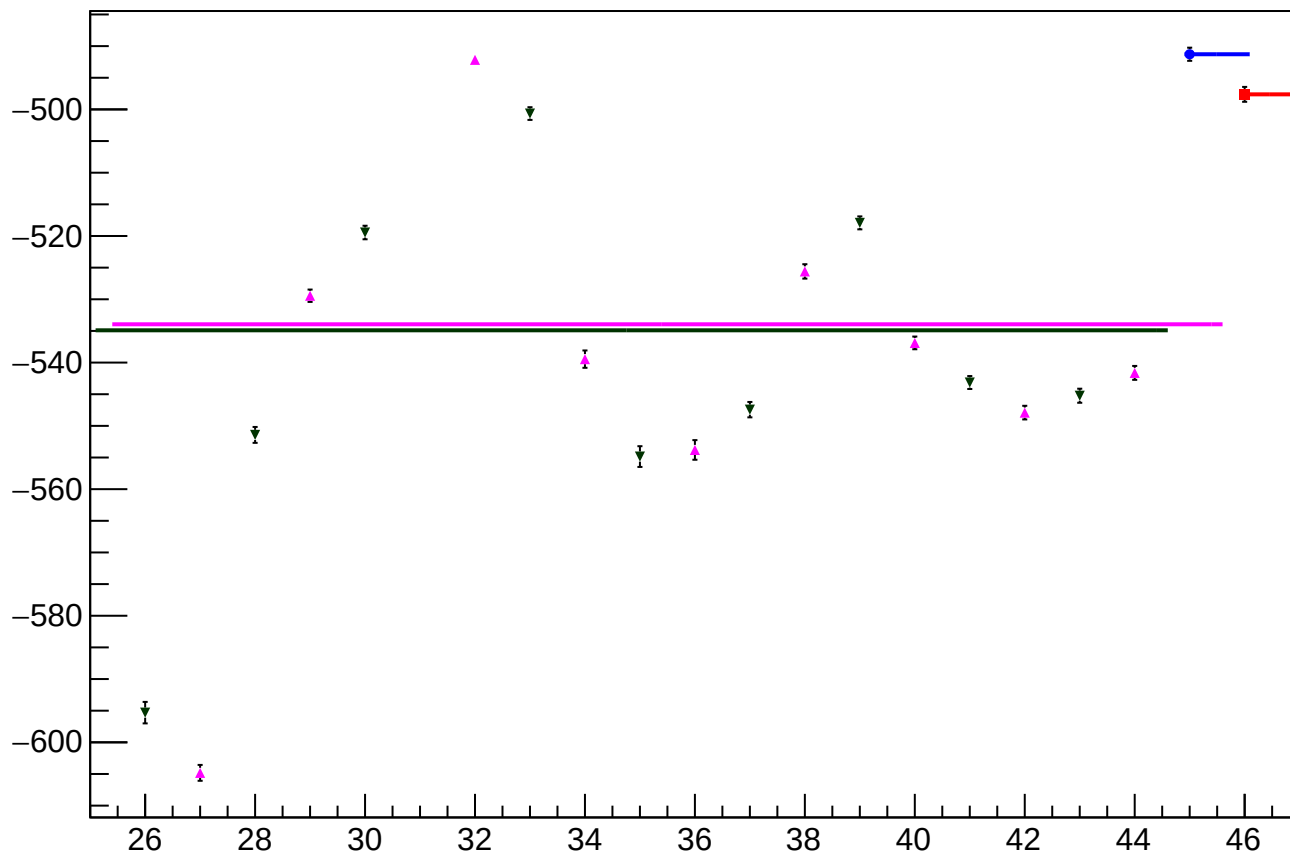
Right Out: 72.606 $\pm$ 5.730 χ^2 /NDF: 0.0/0

Left In: 116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

80.692 $\pm$ 1.629 χ^2 /NDF: 749.0/9

113.811 $\pm$ 1.499 χ^2 /NDF: 1686.3/9

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -491.285+/-1.039 χ^2/NDF : 0.0/0

Left Out: -534.901+/-0.389 χ^2/NDF : 3490.3/8

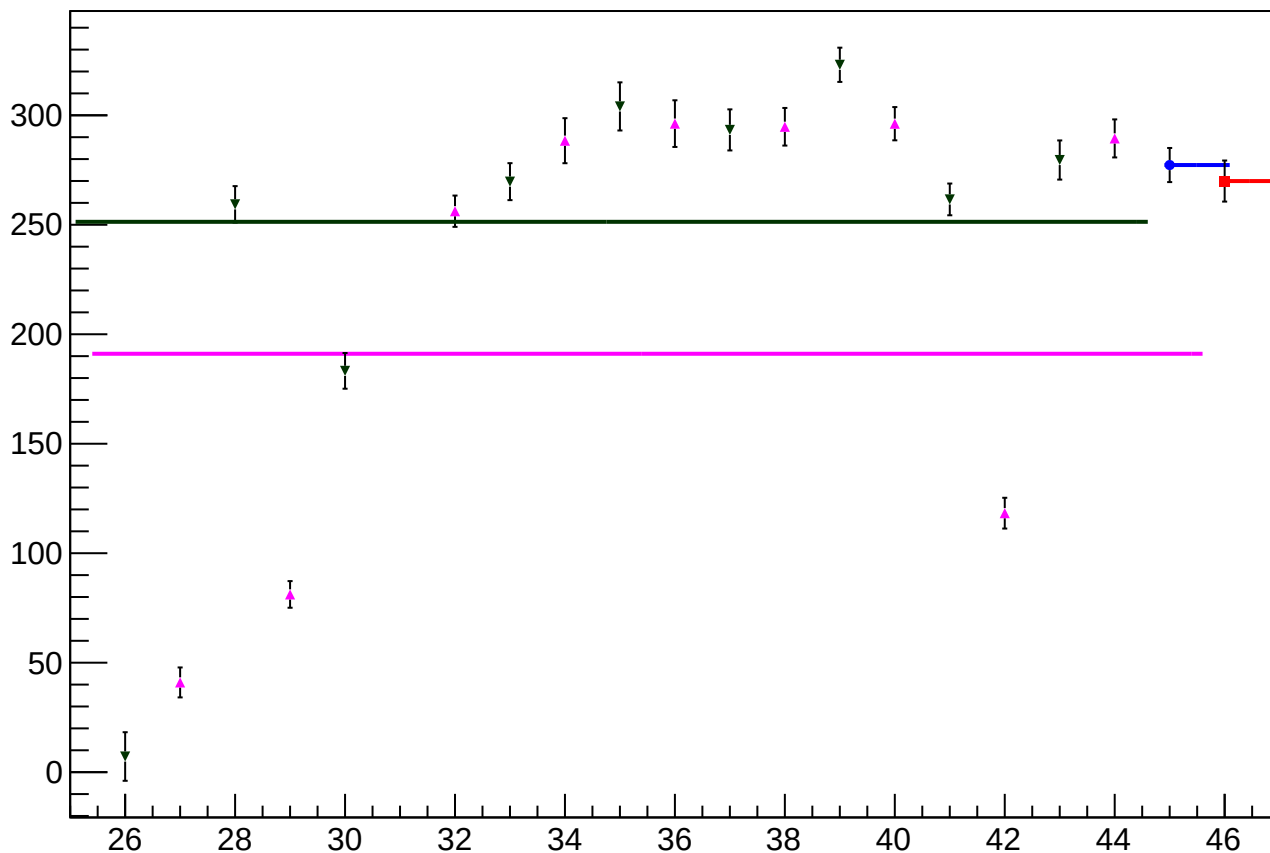
Right Out: -497.621+/-1.176 χ^2/NDF : 0.0/0

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-529.541+/-0.364 χ^2/NDF : 5035.2/9

-530.823+/-0.345 χ^2/NDF : 7314.5/9

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 277.284+/-7.791 χ^2/NDF : 0.0/0

Left Out: 251.350+/-2.897 χ^2/NDF : 698.7/8

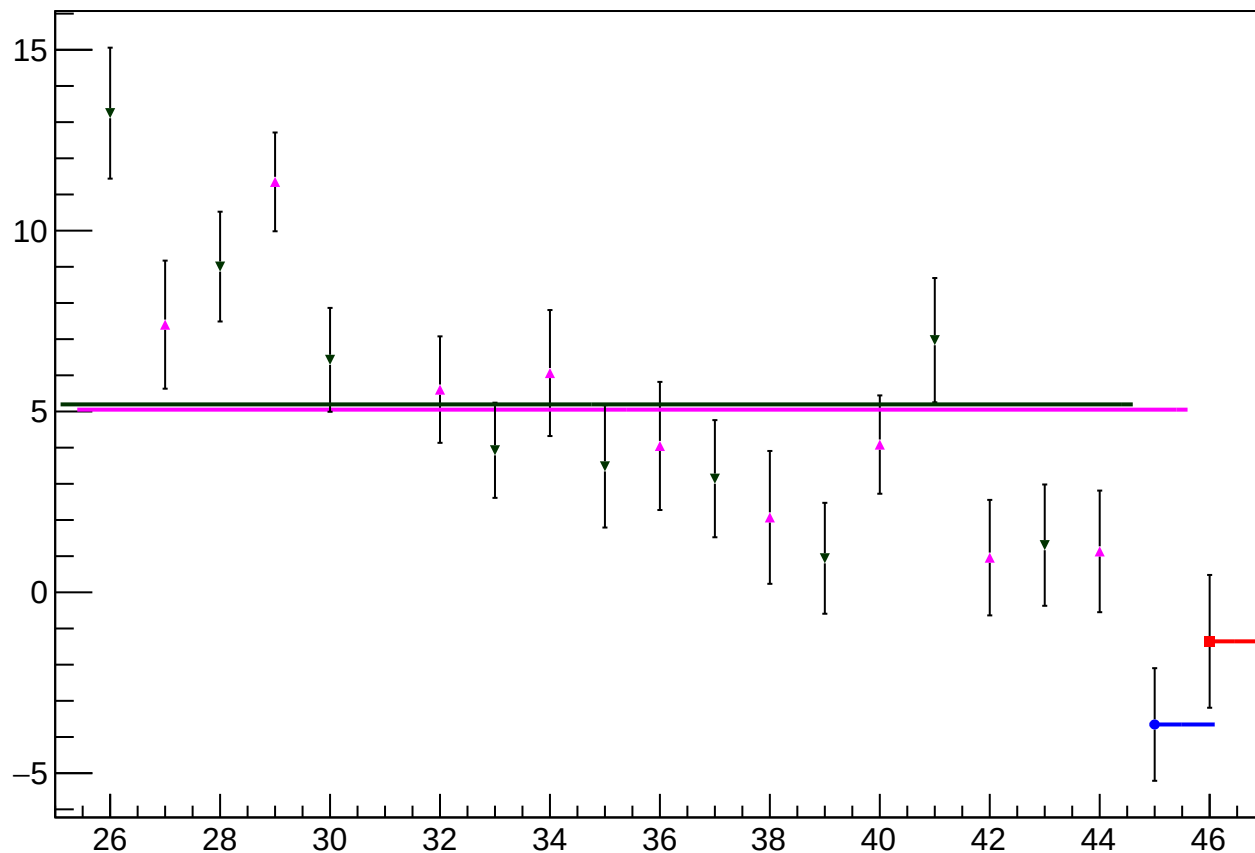
Right Out: 269.965+/-9.379 χ^2/NDF : 0.0/0

Left In: 191.089+/-2.577 χ^2/NDF : 1650.2/8

254.499+/-2.715 χ^2/NDF : 708.5/9

196.624+/-2.485 χ^2/NDF : 1715.9/9

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -3.654 ± 1.557 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 5.196 ± 0.523 $\chi^2/\text{NDF}: 44.5/8$

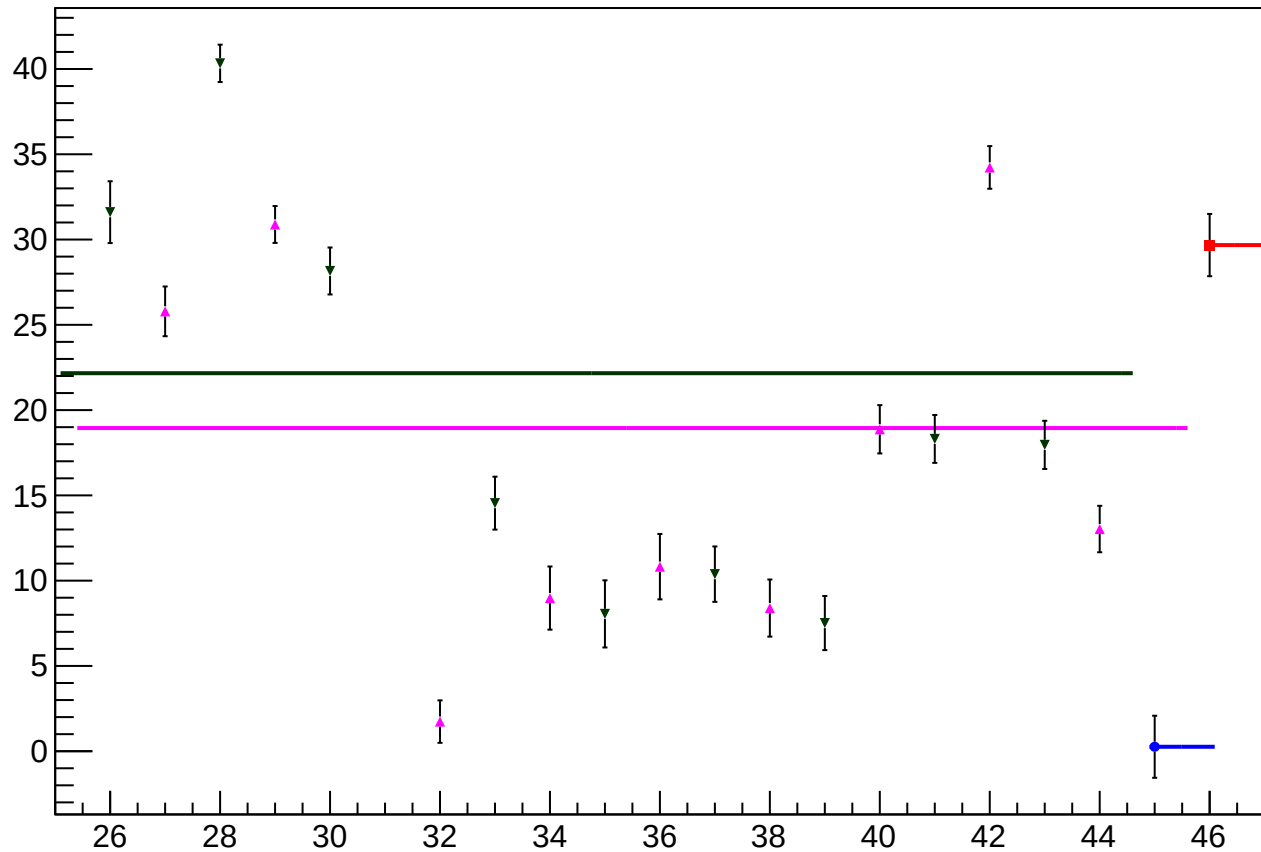
Right Out: -1.355 ± 1.836 $\chi^2/\text{NDF}: 0.0/0$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

4.298 ± 0.496 $\chi^2/\text{NDF}: 73.6/9$

4.556 ± 0.510 $\chi^2/\text{NDF}: 50.2/9$

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 0.261 ± 1.820 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 22.164 ± 0.492 $\chi^2/\text{NDF}: 550.6/8$

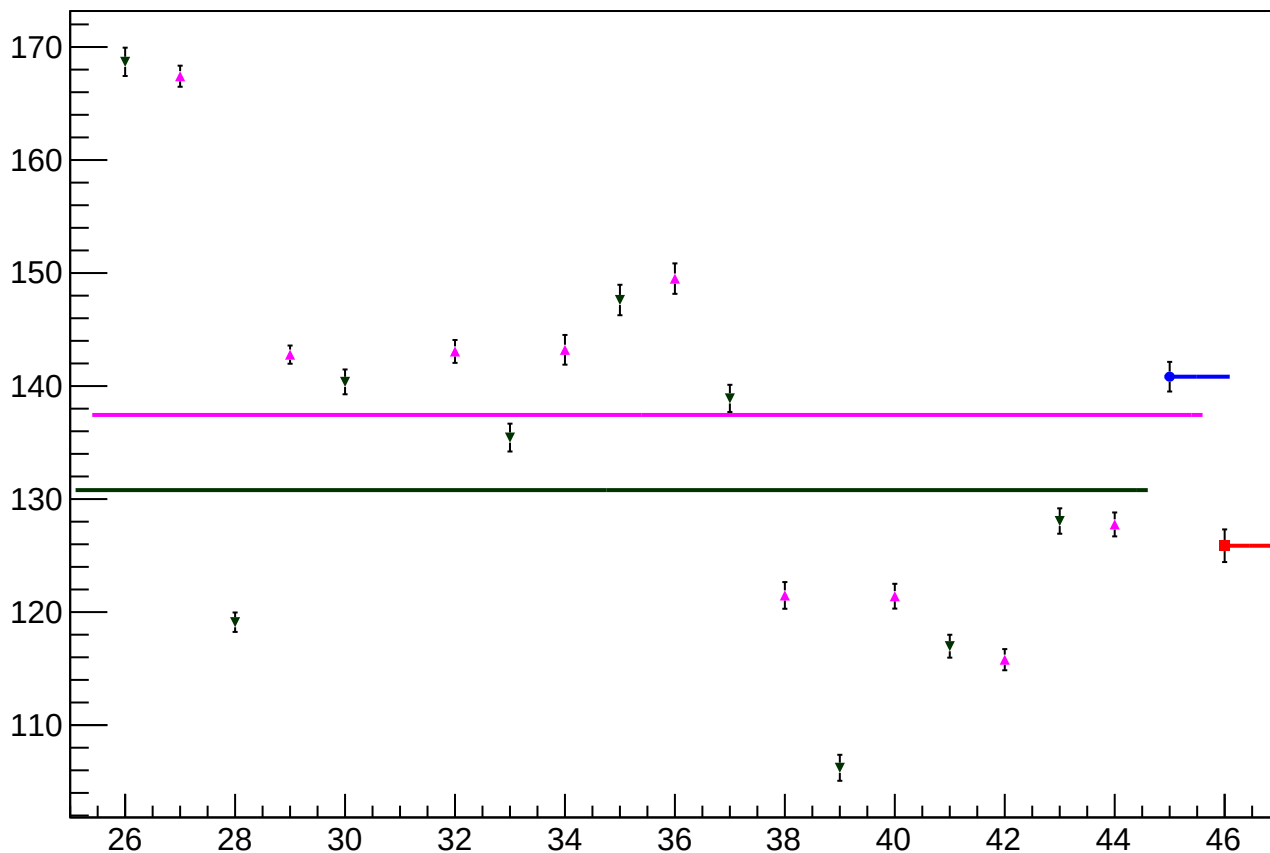
Right Out: 29.676 ± 1.826 $\chi^2/\text{NDF}: 0.0/0$

Left In: 18.948 ± 0.468 $\chi^2/\text{NDF}: 590.1/8$

20.669 ± 0.475 $\chi^2/\text{NDF}: 685.6/9$

19.609 ± 0.453 $\chi^2/\text{NDF}: 622.5/9$

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 140.829 $\pm$ 1.311 χ^2 /NDF: 0.0/0

Left Out: 130.793 $\pm$ 0.372 χ^2 /NDF: 2039.0/8

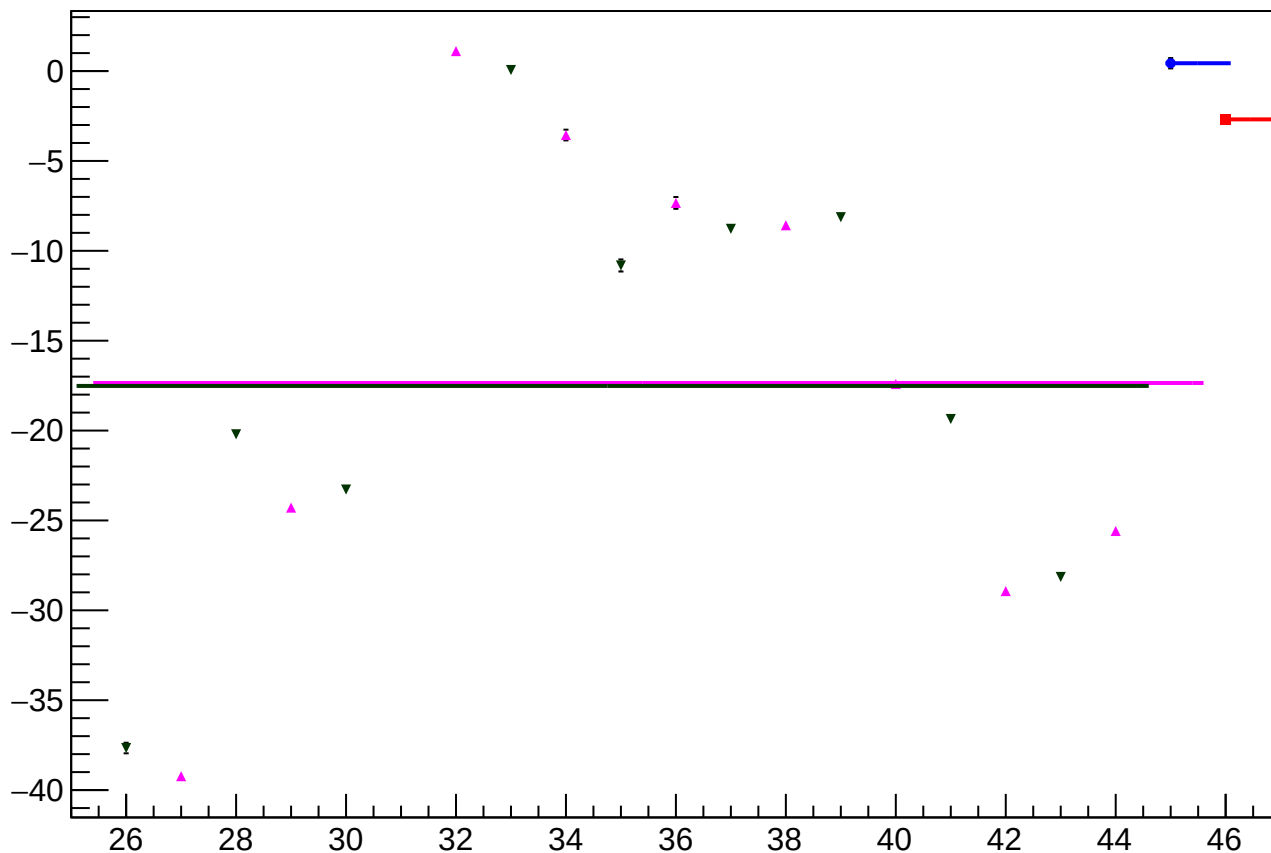
Right Out: 125.872 $\pm$ 1.444 χ^2 /NDF: 0.0/0

Left In: 137.444 $\pm$ 0.345 χ^2 /NDF: 2221.9/8

131.539 $\pm$ 0.357 χ^2 /NDF: 2093.2/9

136.818 $\pm$ 0.336 χ^2 /NDF: 2282.7/9

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: 0.436 $\pm$ 0.288 χ^2 /NDF: 0.0/0

Left Out: -17.516 $\pm$ 0.083 χ^2 /NDF:15652.4/8

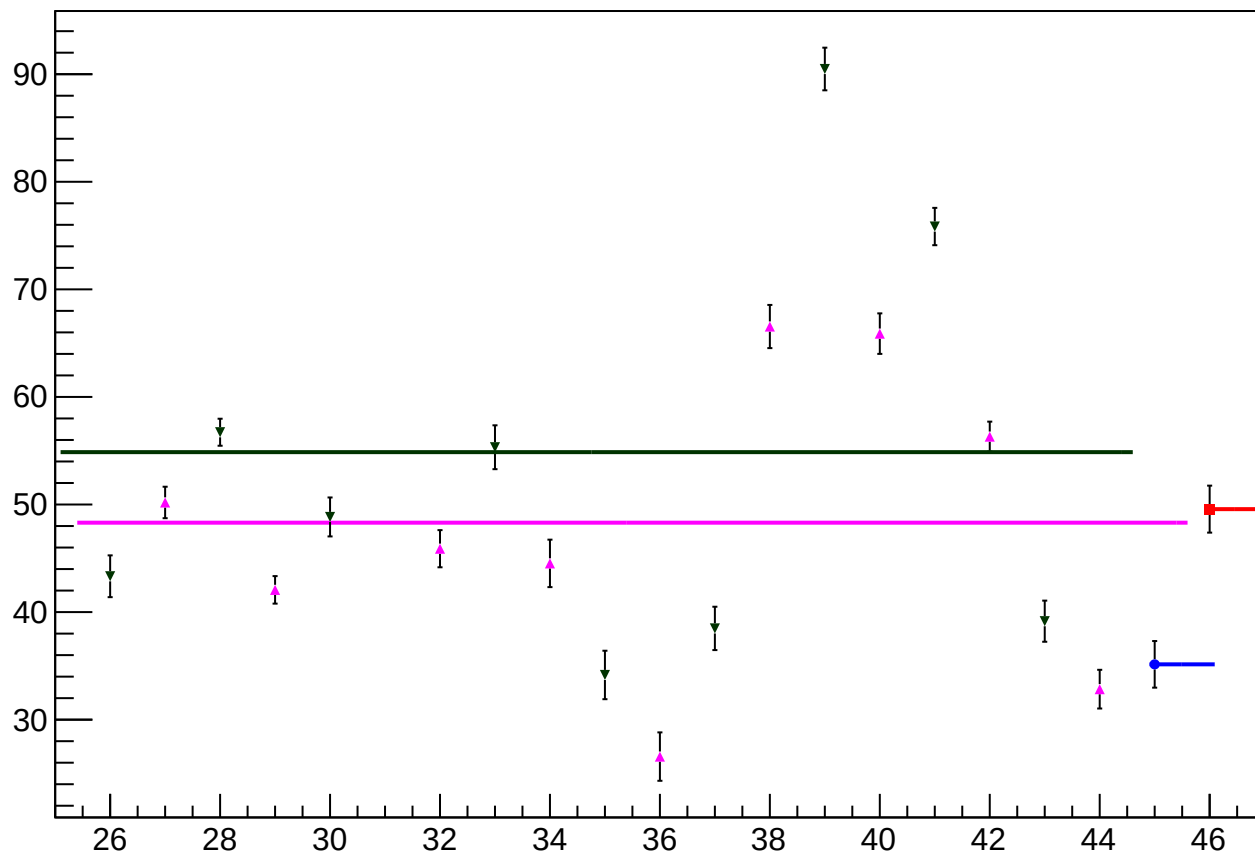
Right Out: -2.687 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Left In: -17.353 $\pm$ 0.080 χ^2 /NDF:25925.9/8

-16.145 $\pm$ 0.080 χ^2 /NDF: 19235.6/9

-16.222 $\pm$ 0.077 χ^2 /NDF: 28502.7/9

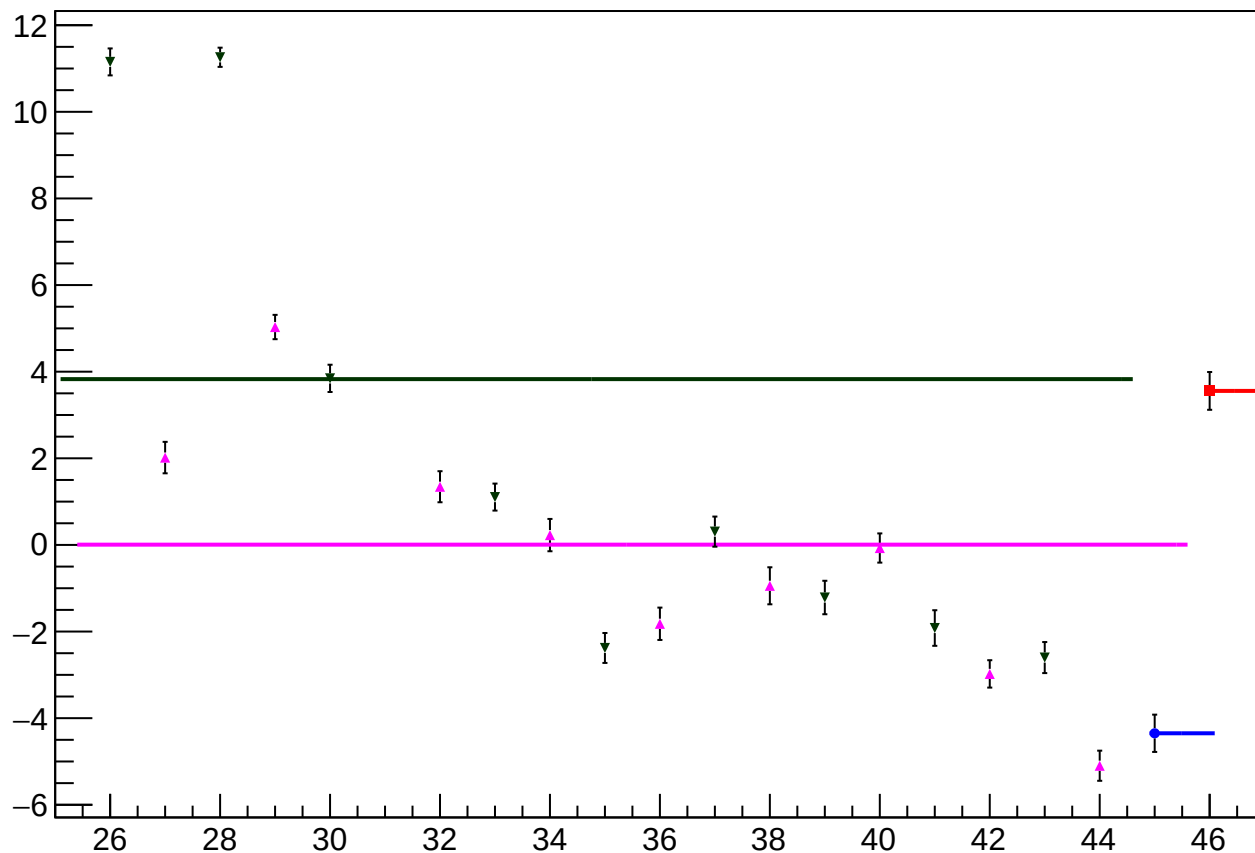
reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 35.143 ± 2.167 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 54.868 ± 0.603 $\chi^2/\text{NDF}: 735.8/8$
 Right Out: 49.570 ± 2.184 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 48.311 ± 0.562 $\chi^2/\text{NDF}: 400.4/8$

53.450 ± 0.581 $\chi^2/\text{NDF}: 812.7/9$
 48.389 ± 0.544 $\chi^2/\text{NDF}: 400.7/9$

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -4.349 $\pm$ 0.430 χ^2/NDF : 0.0/0

Left Out: 3.828 $\pm$ 0.107 χ^2/NDF : 2866.4/8

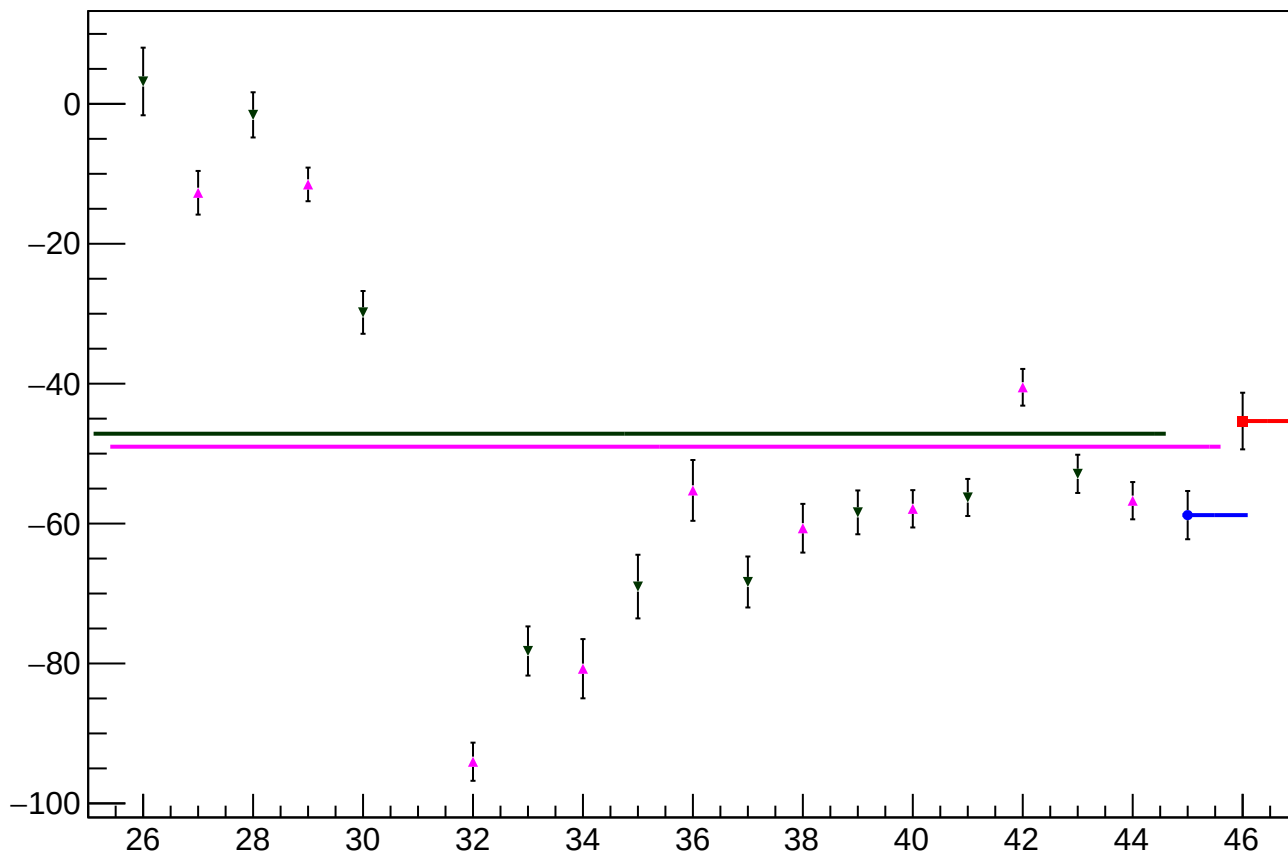
Right Out: 3.556 $\pm$ 0.436 χ^2/NDF : 0.0/0

Left In: 0.006 $\pm$ 0.116 χ^2/NDF : 698.4/8

3.356 $\pm$ 0.103 χ^2/NDF : 3206.4/9

0.239 $\pm$ 0.112 χ^2/NDF : 760.3/9

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -58.790+/-3.448 χ^2/NDF : 0.0/0

Left Out: -47.154+/-1.099 χ^2/NDF : 504.0/8

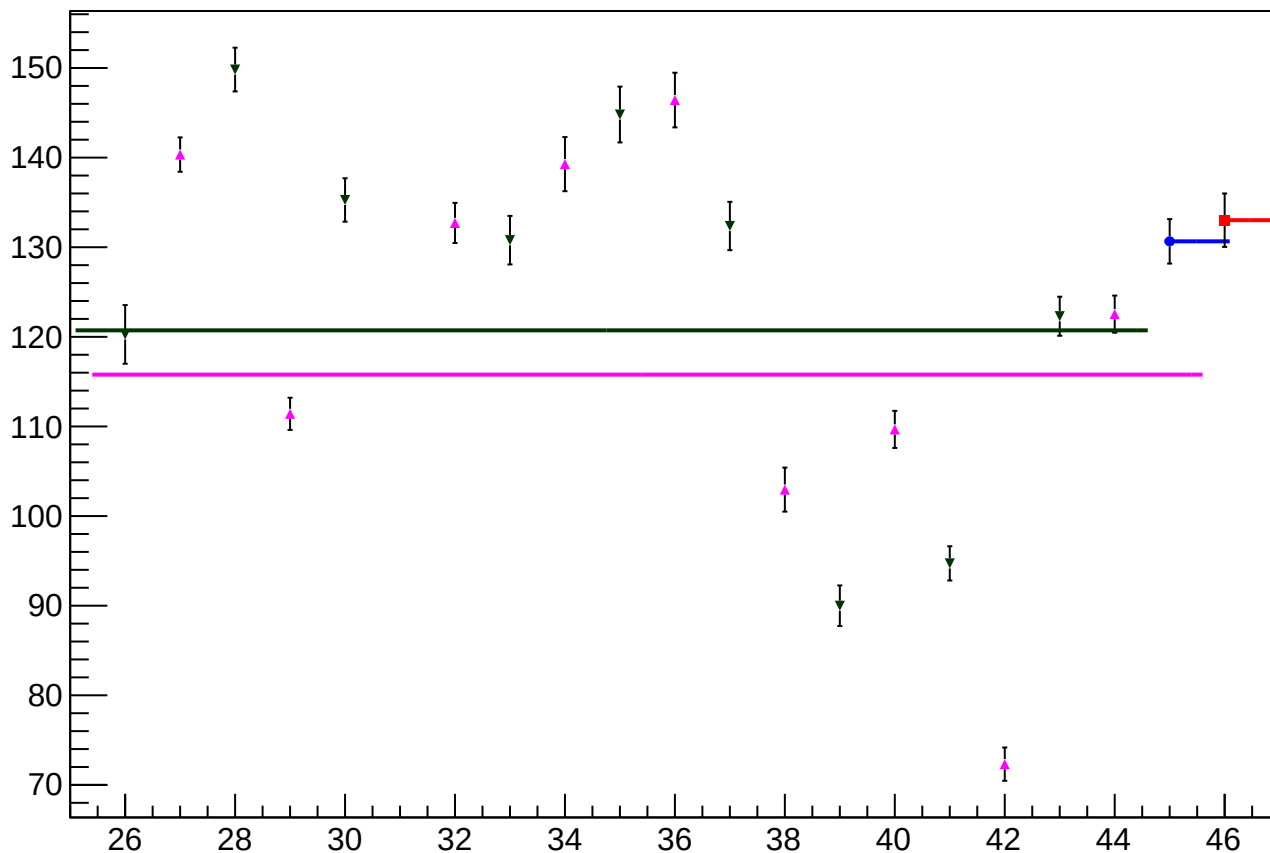
Right Out: -45.342+/-4.048 χ^2/NDF : 0.0/0

Left In: -49.010+/-0.986 χ^2/NDF : 751.0/8

-48.226+/-1.047 χ^2/NDF : 514.3/9

-48.805+/-0.958 χ^2/NDF : 751.8/9

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 130.657 $\pm$ 2.482 χ^2 /NDF: 0.0/0

Left Out: 120.724 $\pm$ 0.820 χ^2 /NDF:639.8/8

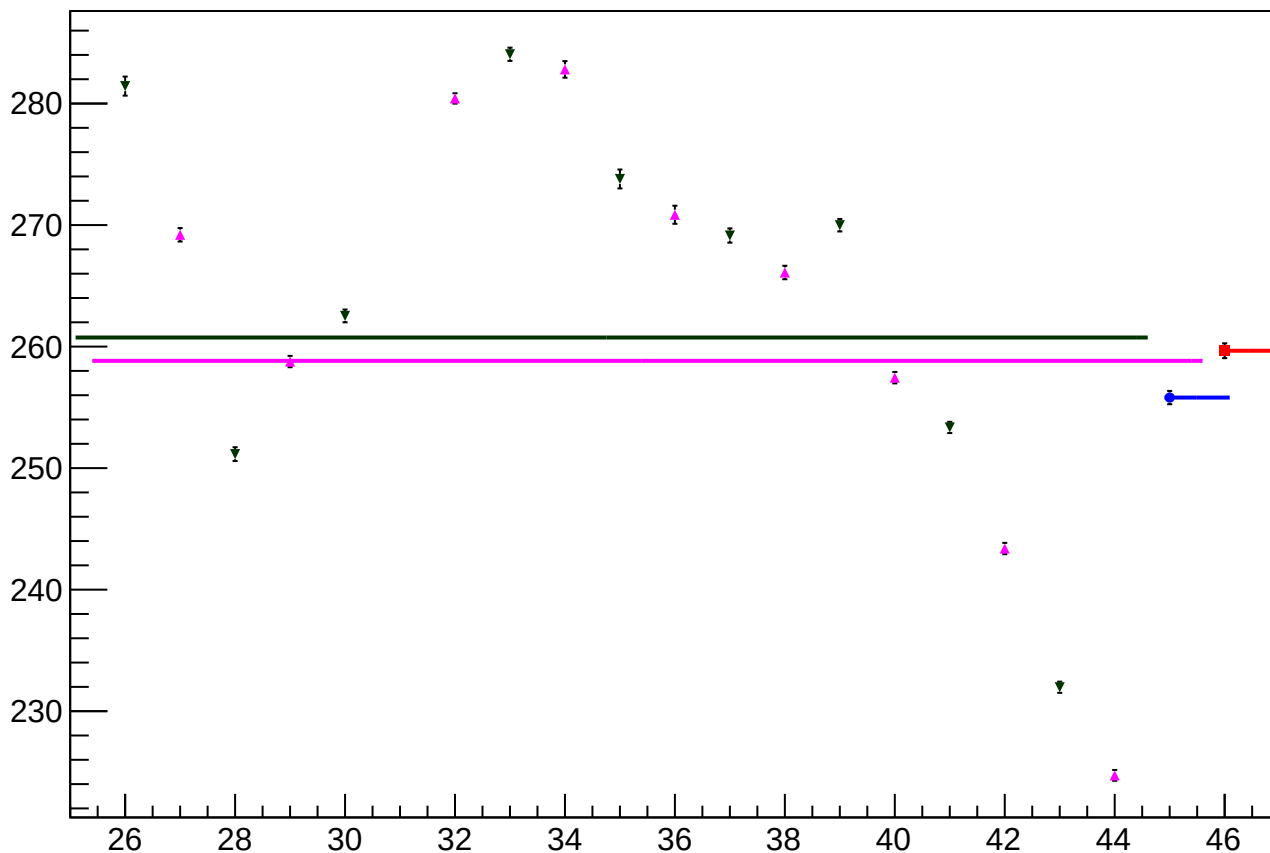
Right Out: 133.018 $\pm$ 2.979 χ^2 /NDF: 0.0/0

Left In: 115.784 $\pm$ 0.721 χ^2 /NDF:983.2/8

121.701 $\pm$ 0.779 χ^2 /NDF: 654.3/9

116.738 $\pm$ 0.701 χ^2 /NDF: 1014.8/9

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 255.807 $\pm$ 0.547 χ^2 /NDF: 0.0/0

Left Out: 260.747 $\pm$ 0.184 χ^2 /NDF: 7794.0/8

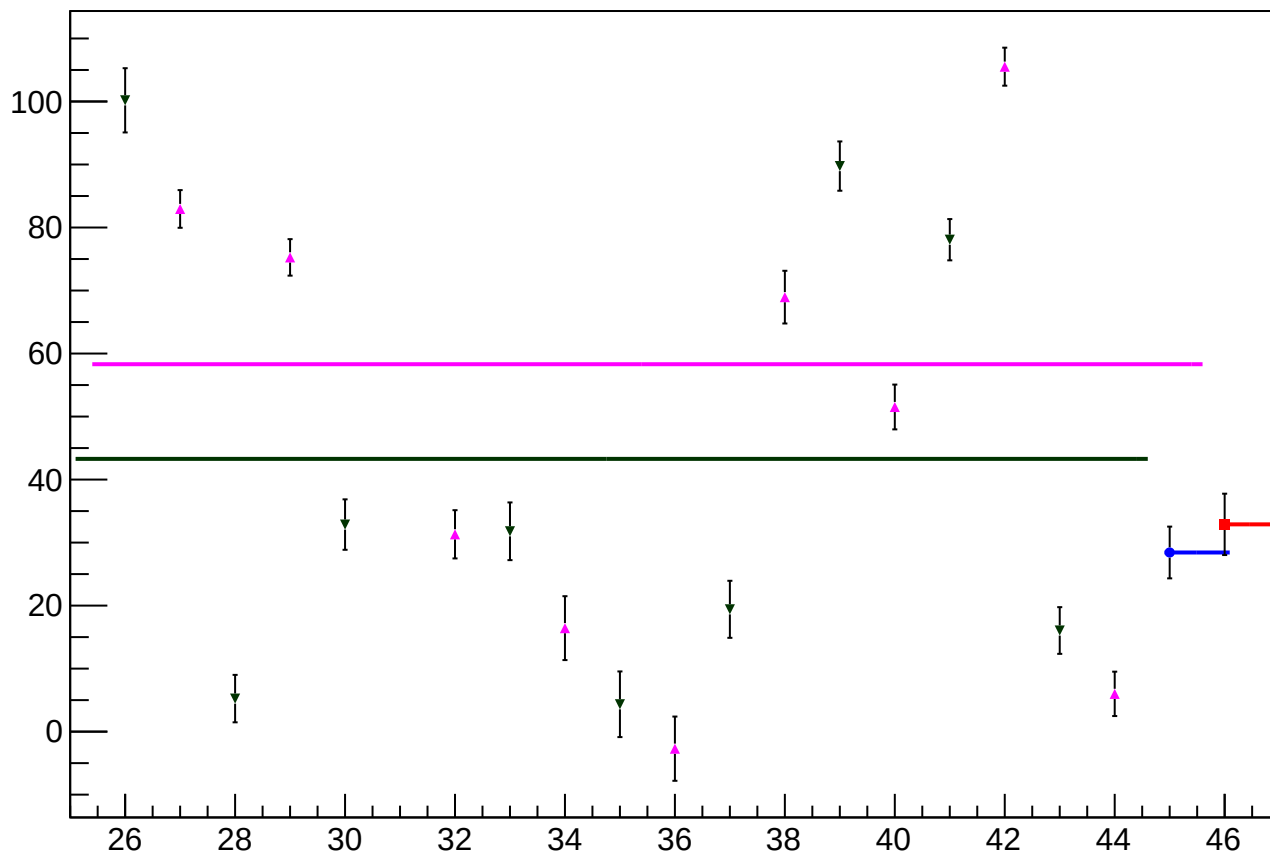
260.244 $\pm$ 0.175 χ^2 /NDF: 7867.3/9

Right Out: 259.659 $\pm$ 0.611 χ^2 /NDF: 0.0/0

258.888 $\pm$ 0.164 χ^2 /NDF: 11546.9/9

Left In: 258.828 $\pm$ 0.170 χ^2 /NDF: 11545.2/8

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 28.428+/-4.106 χ^2/NDF : 0.0/0

Left Out: 43.284+/-1.366 χ^2/NDF : 631.4/8

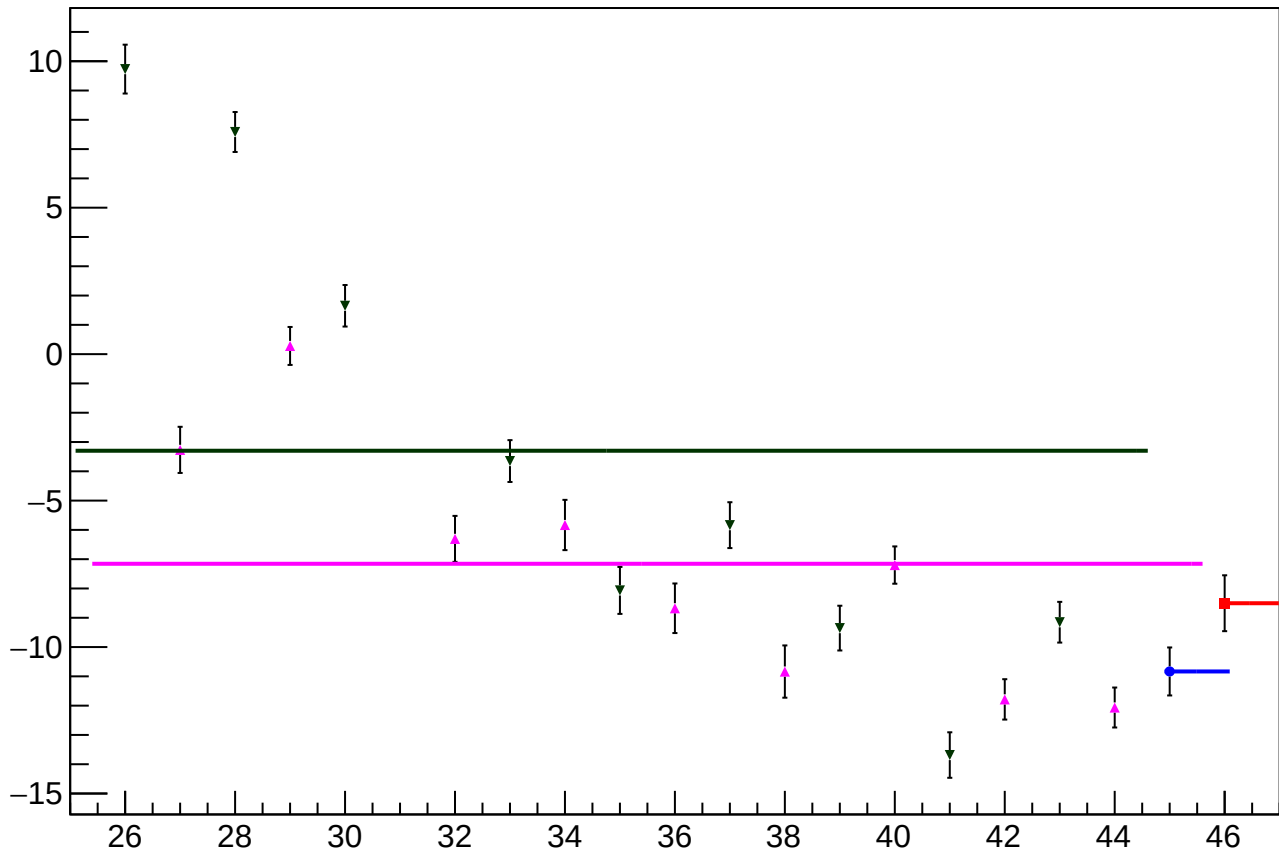
Right Out: 32.892+/-4.868 χ^2/NDF : 0.0/0

Left In: 58.307+/-1.192 χ^2/NDF : 839.3/8

41.804+/-1.296 χ^2/NDF : 643.2/9

56.869+/-1.158 χ^2/NDF : 865.0/9

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.833 $\pm$ 0.819 χ^2 /NDF: 0.0/0

Left Out: -3.298 $\pm$ 0.249 χ^2 /NDF: 906.1/8

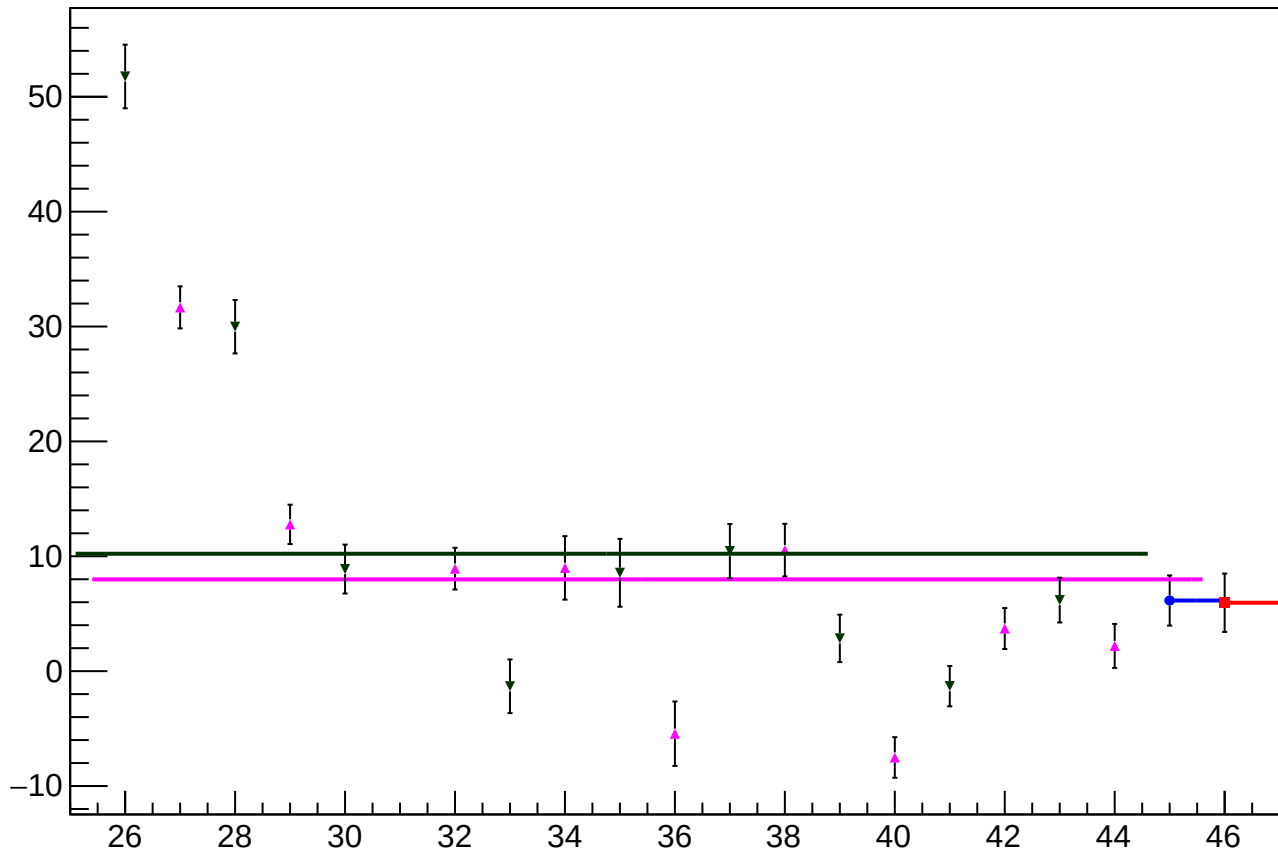
Right Out: -8.504 $\pm$ 0.954 χ^2 /NDF: 0.0/0

Left In: -7.157 $\pm$ 0.247 χ^2 /NDF: 276.7/8

-3.934 $\pm$ 0.238 χ^2 /NDF: 983.5/9

-7.242 $\pm$ 0.239 χ^2 /NDF: 278.5/9

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 6.150 $\pm$ 2.185 χ^2 /NDF: 0.0/0

Left Out: 10.220 $\pm$ 0.738 χ^2 /NDF:382.7/8

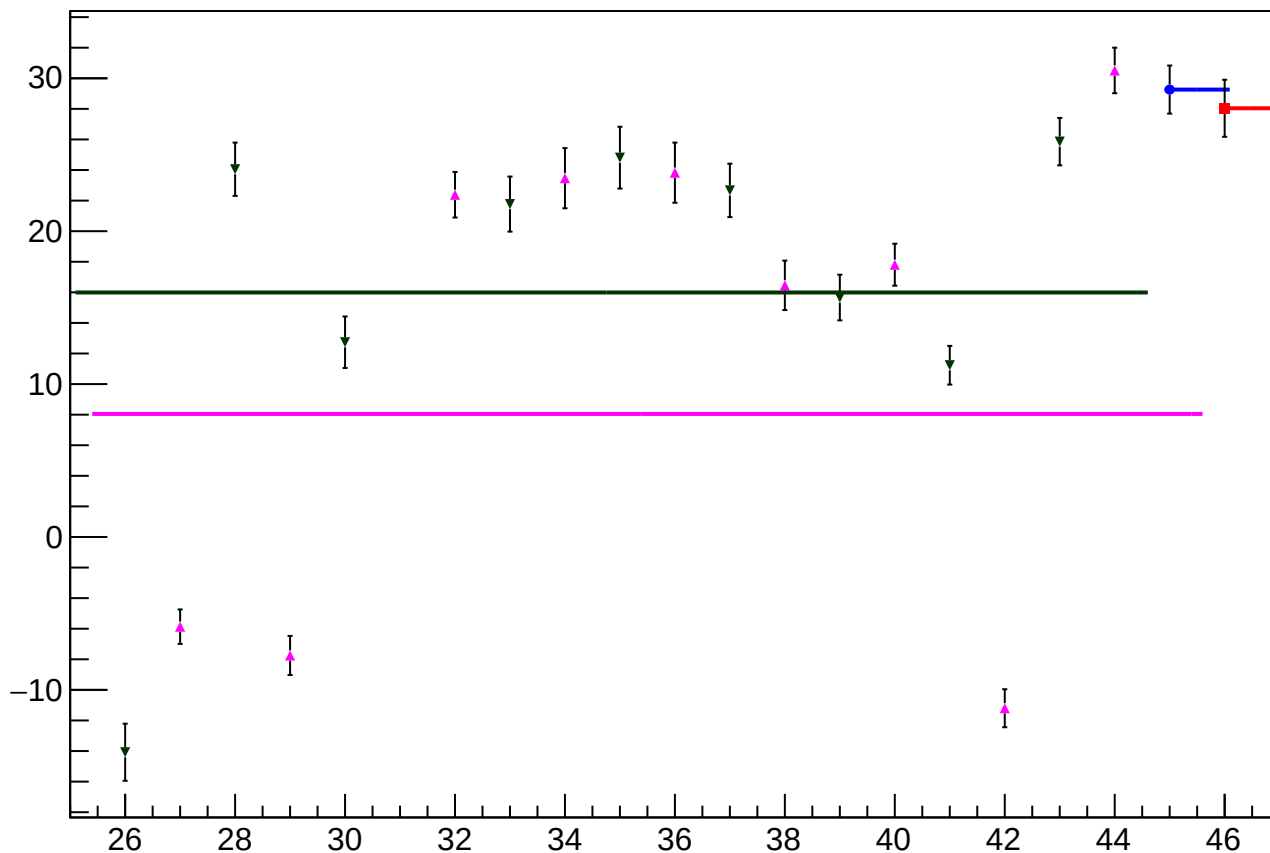
Right Out: 5.956 $\pm$ 2.541 χ^2 /NDF: 0.0/0

Left In: 7.990 $\pm$ 0.660 χ^2 /NDF:291.3/8

9.804 $\pm$ 0.699 χ^2 /NDF: 385.8/9

7.862 $\pm$ 0.639 χ^2 /NDF: 291.9/9

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 29.261 $\pm$ 1.572 χ^2 /NDF: 0.0/0

Left Out: 15.992 $\pm$ 0.547 χ^2 /NDF:383.0/8

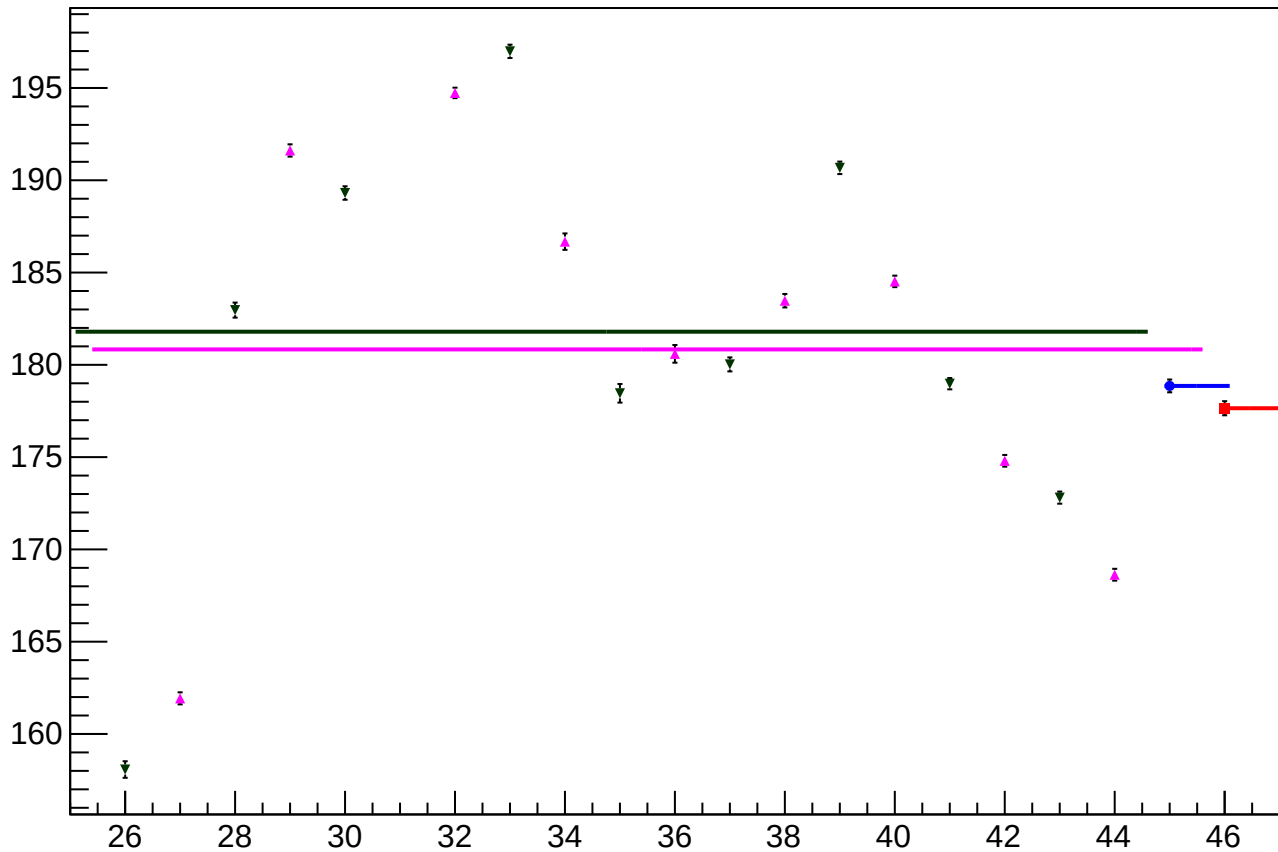
Right Out: 28.038 $\pm$ 1.865 χ^2 /NDF: 0.0/0

Left In: 8.048 $\pm$ 0.478 χ^2 /NDF:1067.9/8

17.426 $\pm$ 0.517 χ^2 /NDF: 446.6/9

9.280 $\pm$ 0.463 χ^2 /NDF: 1175.7/9

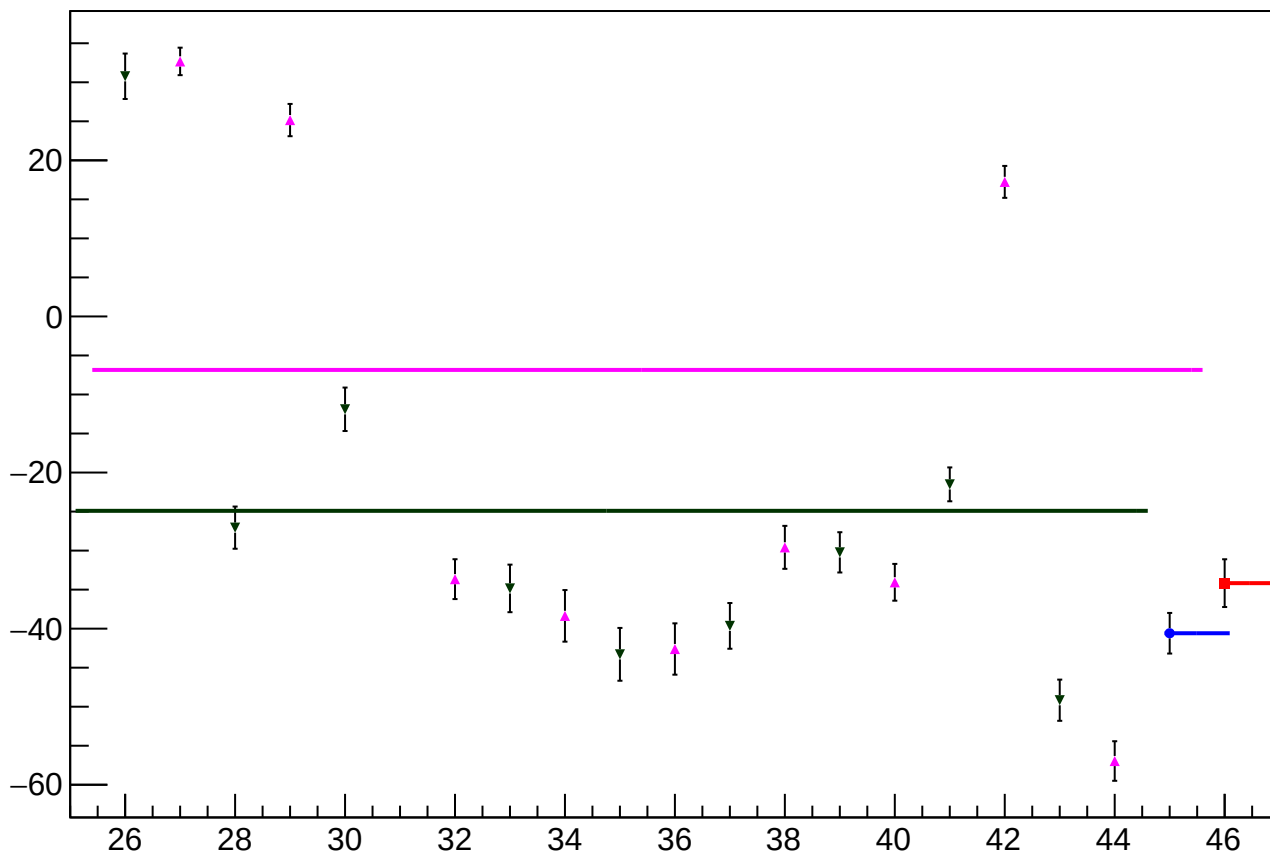
reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 178.857 $\pm$ 0.348 χ^2/NDF : 0.0/0
 Left Out: 181.795 $\pm$ 0.123 χ^2/NDF :6577.2/8
 Right Out: 177.649 $\pm$ 0.383 χ^2/NDF : 0.0/0
 Left In: 180.835 $\pm$ 0.114 χ^2/NDF :8962.2/8

181.466 $\pm$ 0.116 χ^2/NDF : 6640.7/9
 180.577 $\pm$ 0.109 χ^2/NDF : 9026.0/9

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -40.588 ± 2.602 χ^2/NDF : 0.0/0

Left Out: -24.905 ± 0.912 χ^2/NDF : 545.2/8

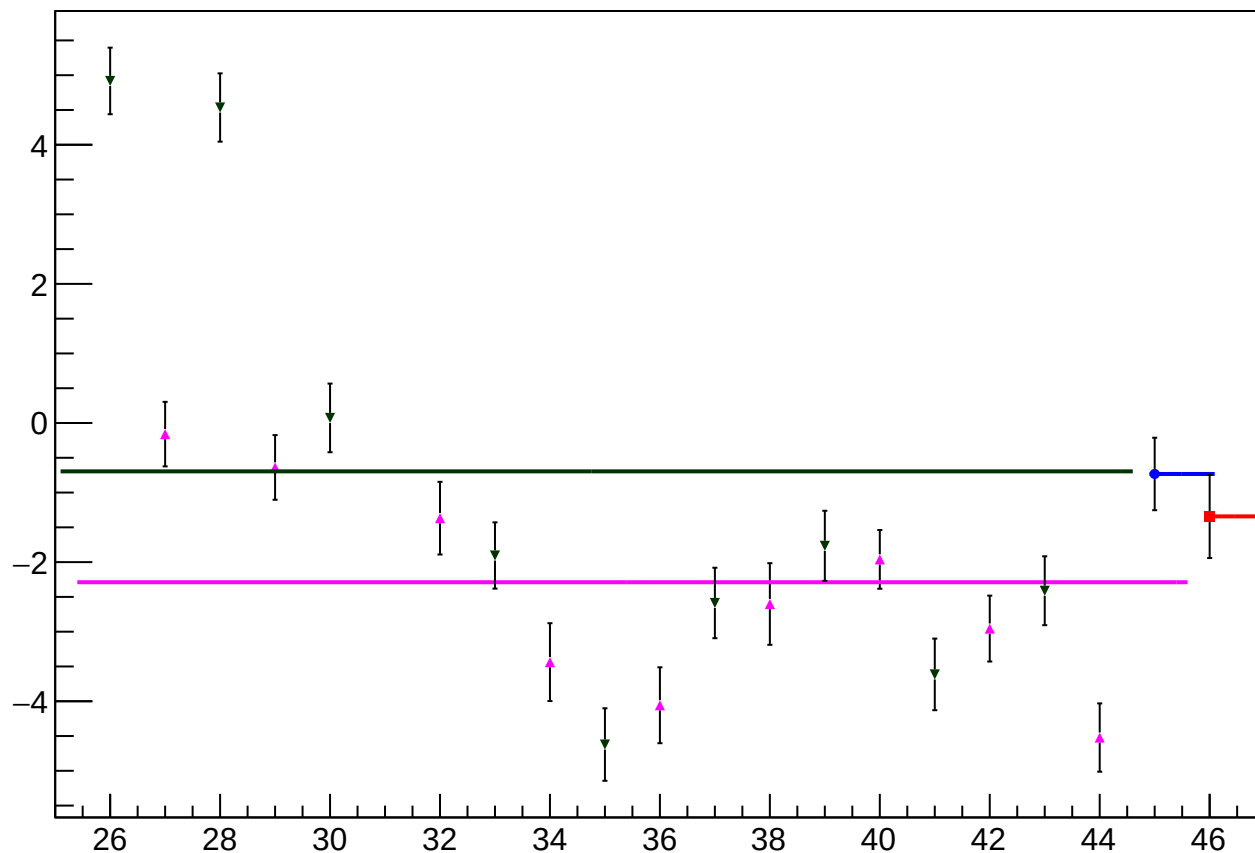
Right Out: -34.170 ± 3.059 χ^2/NDF : 0.0/0

Left In: -6.851 ± 0.790 χ^2/NDF : 1794.2/8

-26.622 ± 0.861 χ^2/NDF : 577.5/9

-8.560 ± 0.765 χ^2/NDF : 1869.0/9

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -0.733 ± 0.521 $\chi^2/\text{NDF: } 0.0/0$

Left Out: -0.695 ± 0.166 $\chi^2/\text{NDF: } 379.5/8$

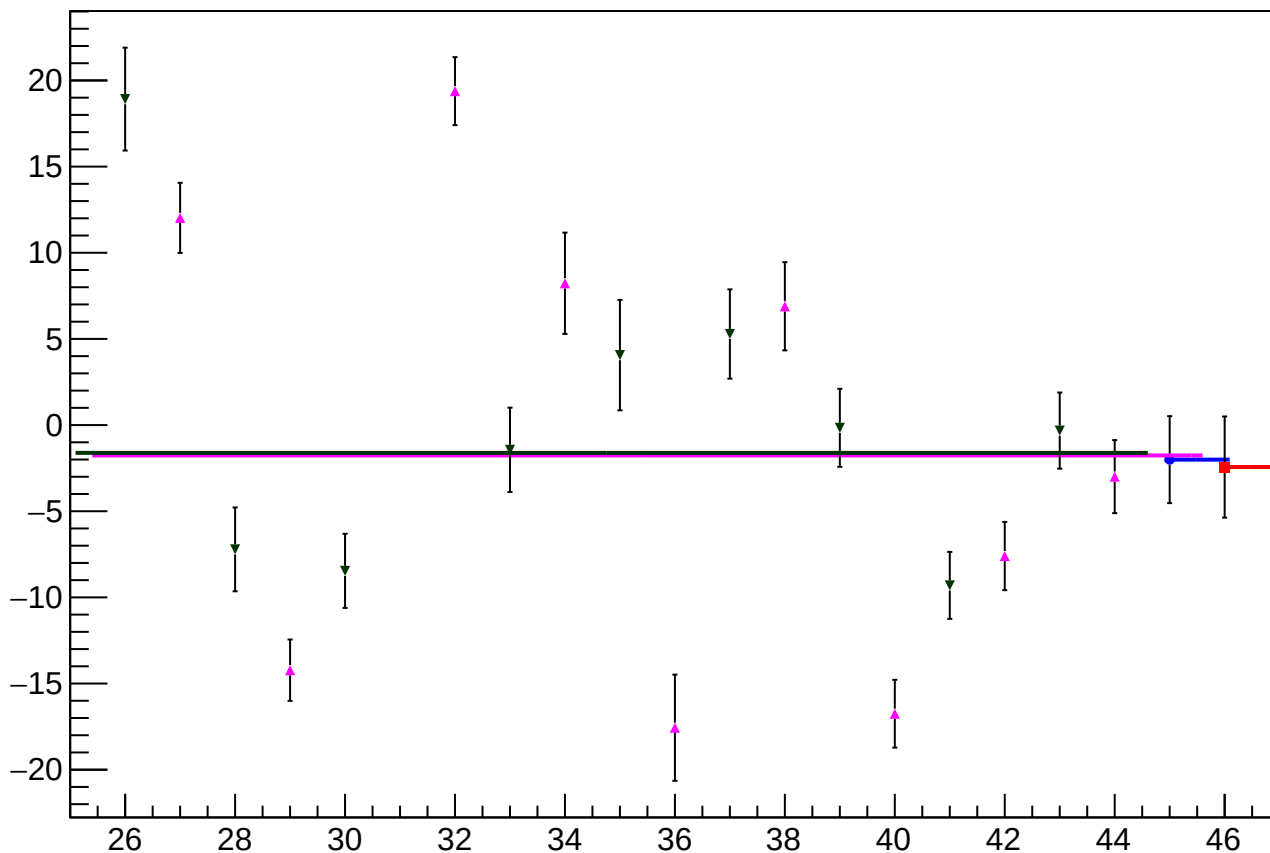
Right Out: -1.342 ± 0.599 $\chi^2/\text{NDF: } 0.0/0$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF: } 75.1/8$

-0.699 ± 0.158 $\chi^2/\text{NDF: } 379.5/9$

-2.222 ± 0.159 $\chi^2/\text{NDF: } 77.4/9$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -2.006+/-2.524 χ^2/NDF : 0.0/0

Left Out: -1.613+/-0.797 χ^2/NDF : 89.4/8

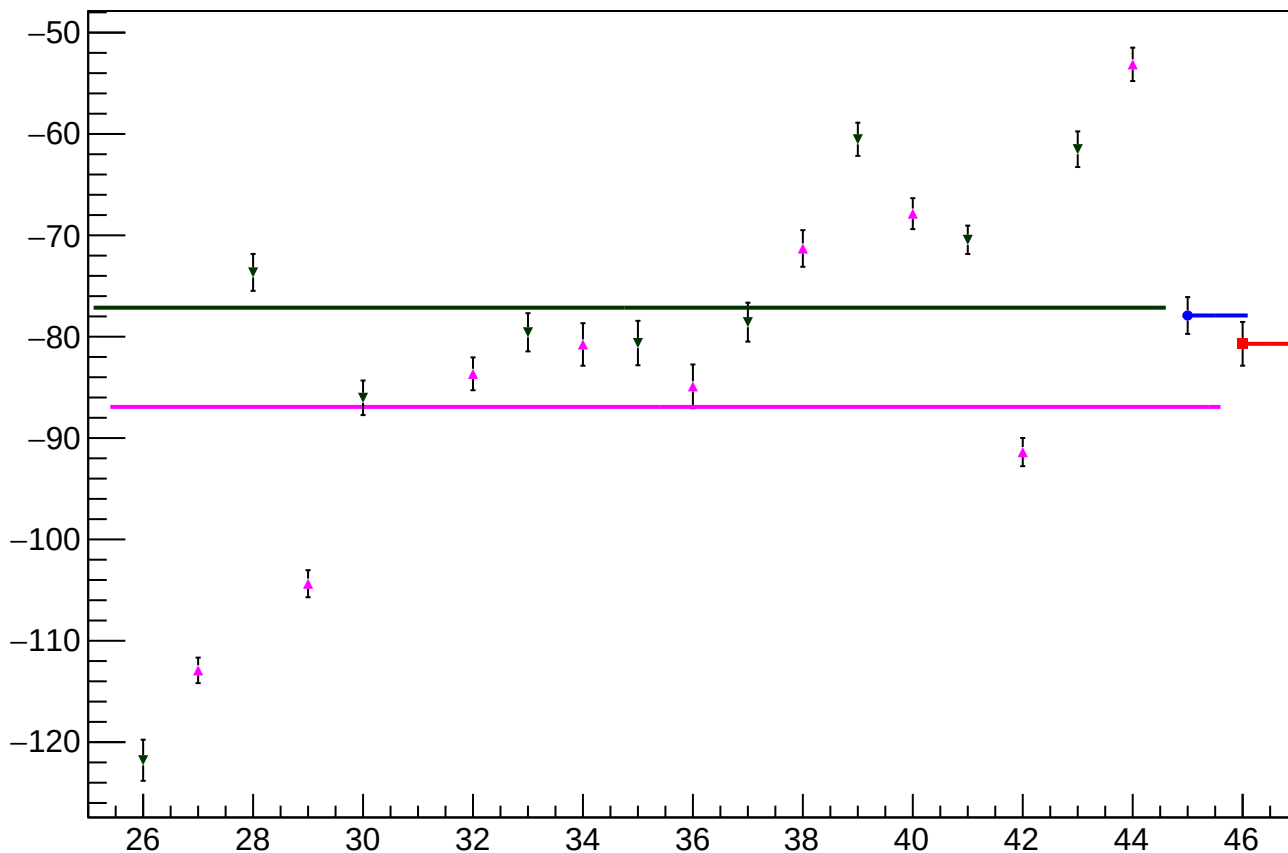
Right Out: -2.435+/-2.934 χ^2/NDF : 0.0/0

Left In: -1.762+/-0.721 χ^2/NDF : 326.0/8

-1.649+/-0.760 χ^2/NDF : 89.4/9

-1.800+/-0.700 χ^2/NDF : 326.0/9

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -77.907 $\pm$ 1.816 χ^2 /NDF: 0.0/0

Left Out: -77.138 $\pm$ 0.592 χ^2 /NDF:725.4/8

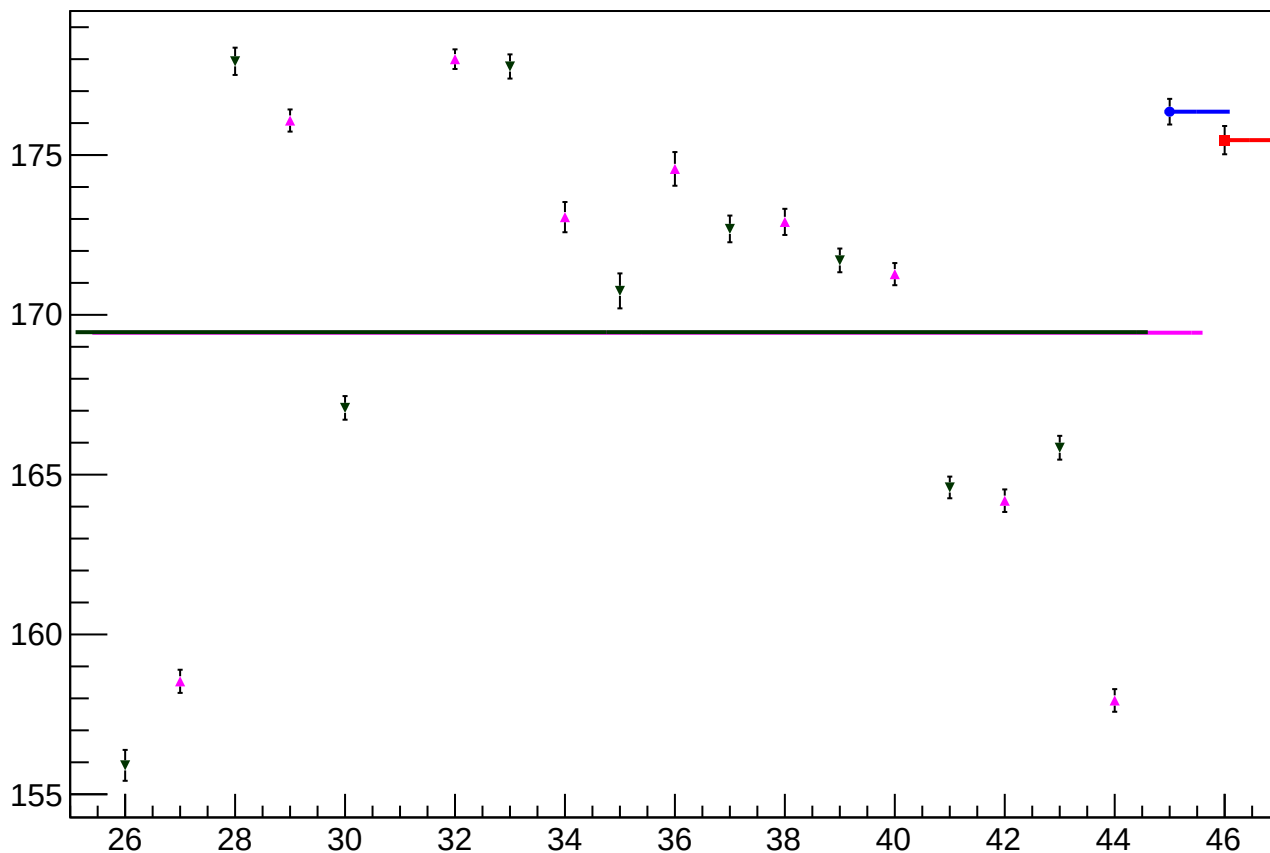
Right Out: -80.702 $\pm$ 2.158 χ^2 /NDF: 0.0/0

Left In: -86.925 $\pm$ 0.524 χ^2 /NDF:1273.0/8

-77.212 $\pm$ 0.563 χ^2 /NDF: 725.5/9

-86.578 $\pm$ 0.509 χ^2 /NDF: 1280.8/9

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 176.356 $\pm$ 0.402 χ^2/NDF : 0.0/0

Left Out: 169.458 $\pm$ 0.133 χ^2/NDF :2105.9/8

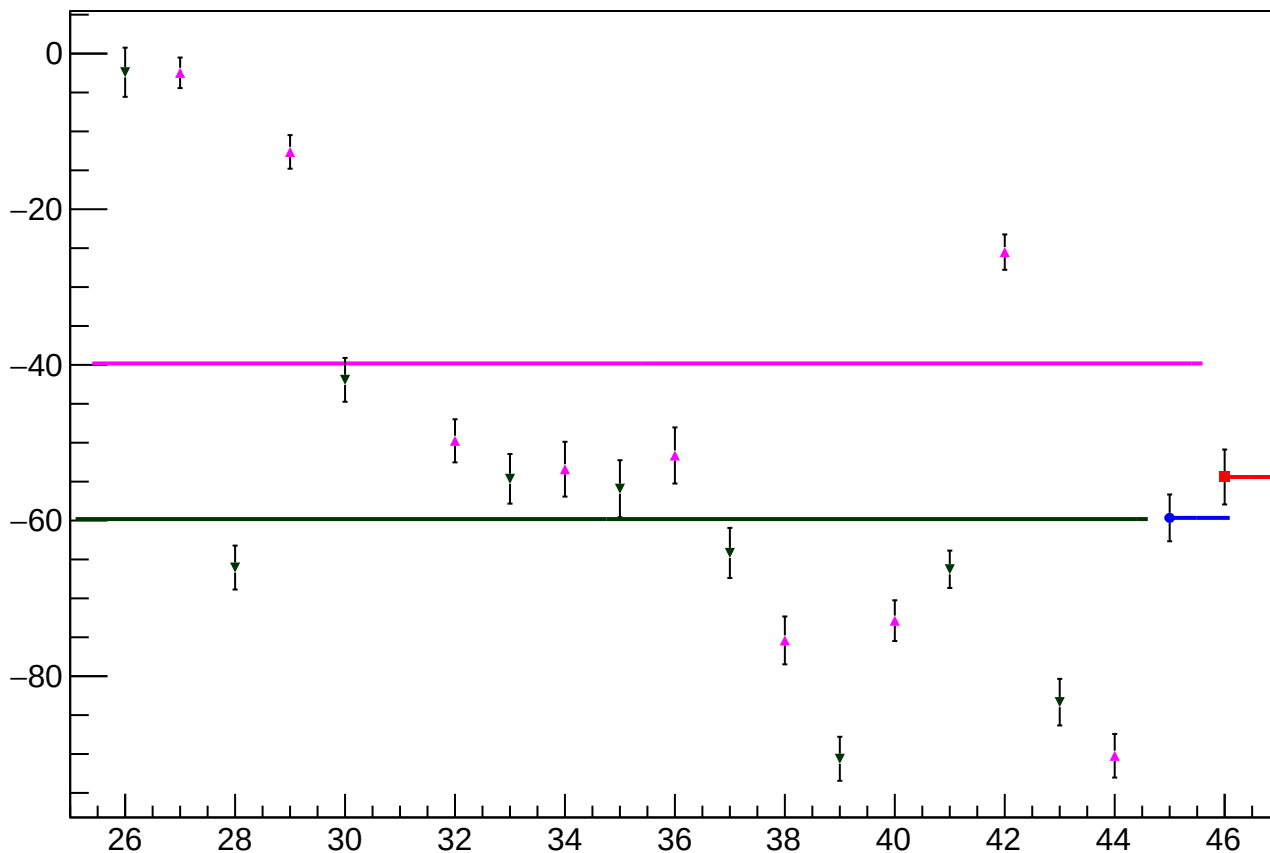
Right Out: 175.466 $\pm$ 0.442 χ^2/NDF : 0.0/0

Left In: 169.441 $\pm$ 0.124 χ^2/NDF :3580.5/8

170.142 $\pm$ 0.126 χ^2/NDF : 2371.7/9

169.880 $\pm$ 0.119 χ^2/NDF : 3752.5/9

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -59.659+/-3.006 χ^2/NDF : 0.0/0

Left Out: -59.812+/-0.985 χ^2/NDF : 568.6/8

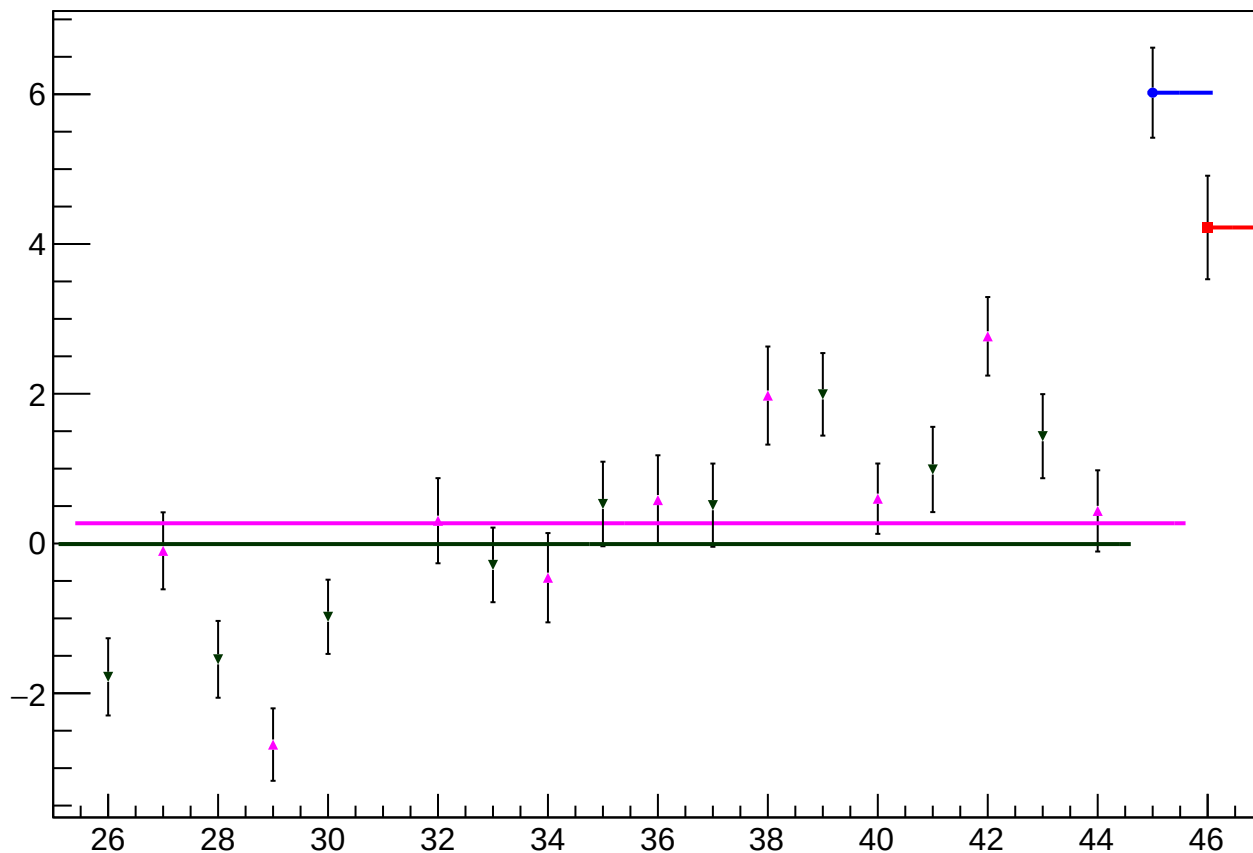
-59.798+/-0.936 χ^2/NDF : 568.6/9

Right Out: -54.405+/-3.530 χ^2/NDF : 0.0/0

-40.642+/-0.841 χ^2/NDF : 1231.0/9

Left In: -39.815+/-0.866 χ^2/NDF : 1214.9/8

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 6.021 $\pm$ 0.601 χ^2 /NDF: 0.0/0

Left Out: -0.008 $\pm$ 0.178 χ^2 /NDF: 49.6/8

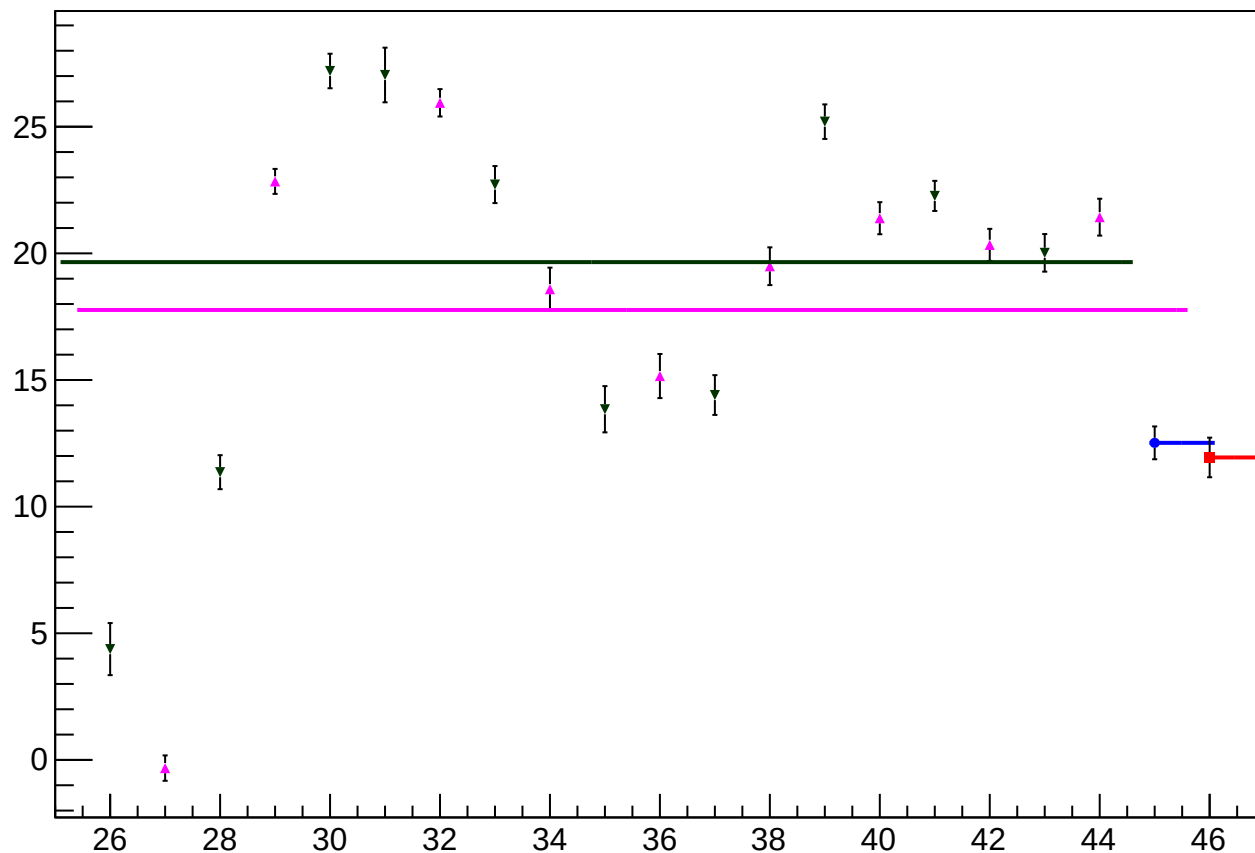
Right Out: 4.221 $\pm$ 0.691 χ^2 /NDF: 0.0/0

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

0.478 $\pm$ 0.171 χ^2 /NDF: 141.9/9

0.523 $\pm$ 0.175 χ^2 /NDF: 100.2/9

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.519+/-0.648 χ^2 /NDF: 0.0/0

Left Out: 19.654+/-0.238 χ^2 /NDF:731.5/9

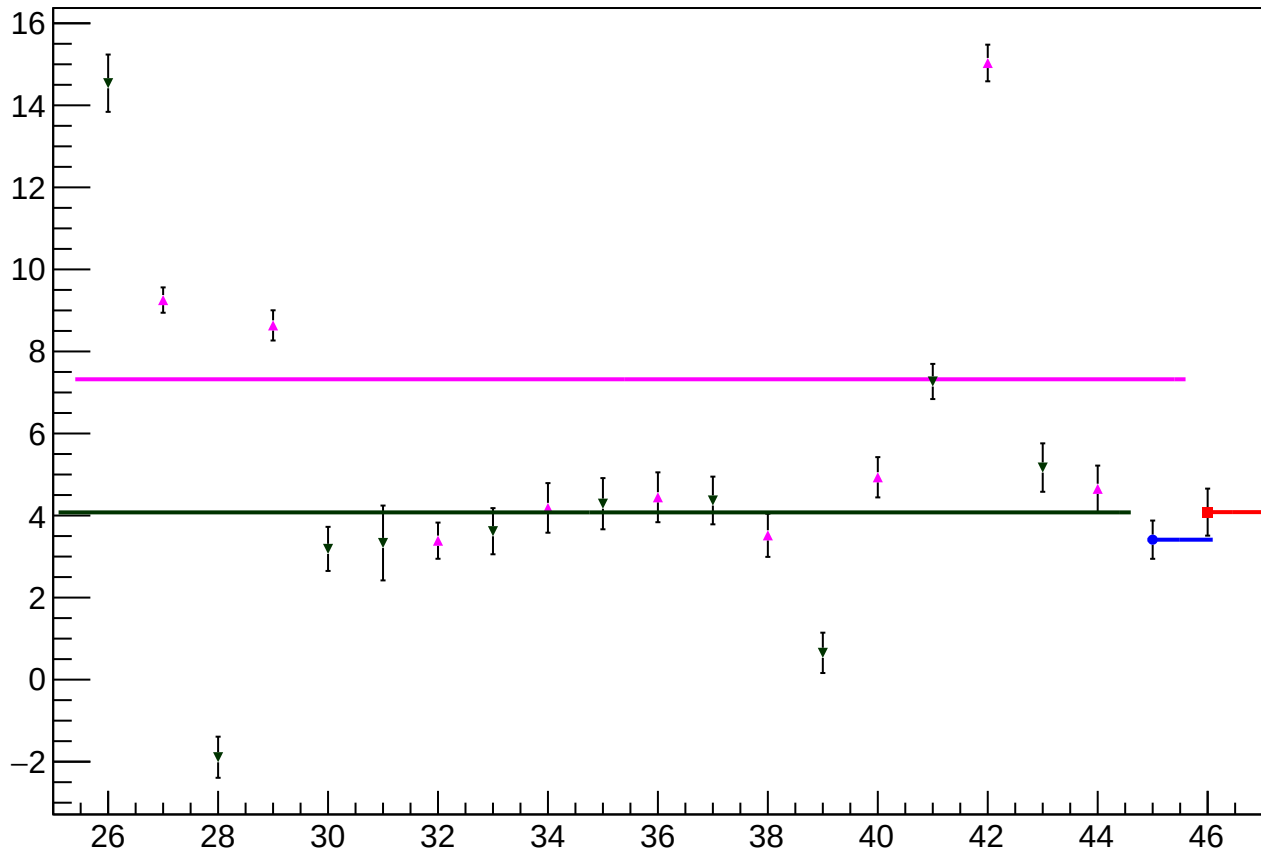
Right Out: 11.942+/-0.781 χ^2 /NDF: 0.0/0

Left In: 17.765+/-0.209 χ^2 /NDF:1728.2/8

18.807+/-0.223 χ^2 /NDF: 838.3/10

17.376+/-0.202 χ^2 /NDF: 1780.1/9

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.411+/-0.466 χ^2/NDF : 0.0/0

Left Out: 4.077+/-0.177 χ^2/NDF : 478.1/9

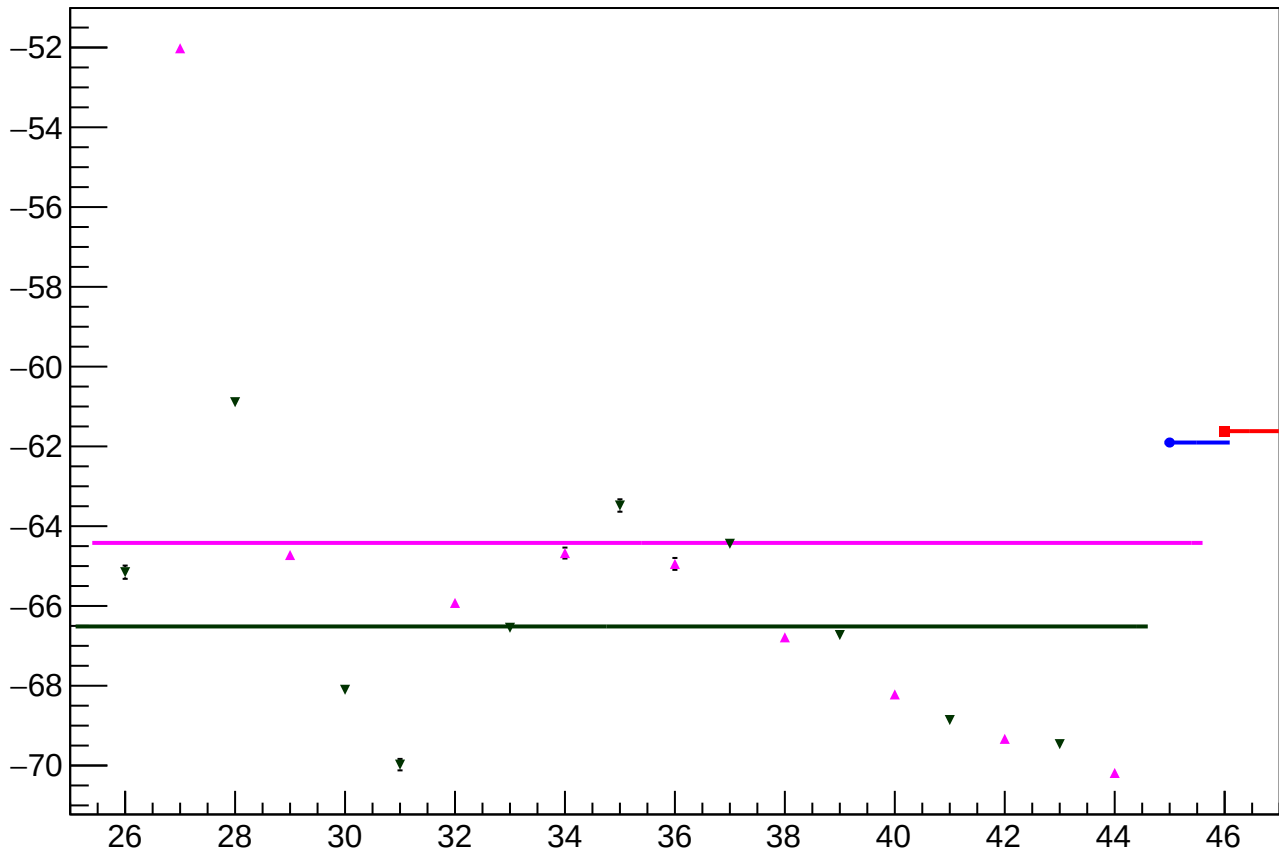
Right Out: 4.083+/-0.573 χ^2/NDF : 0.0/0

Left In: 7.322+/-0.150 χ^2/NDF : 577.2/8

3.993+/-0.166 χ^2/NDF : 479.9/10

7.114+/-0.145 χ^2/NDF : 607.0/9

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -61.903 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Left Out: -66.514 $\pm$ 0.039 χ^2 /NDF:4814.8/9

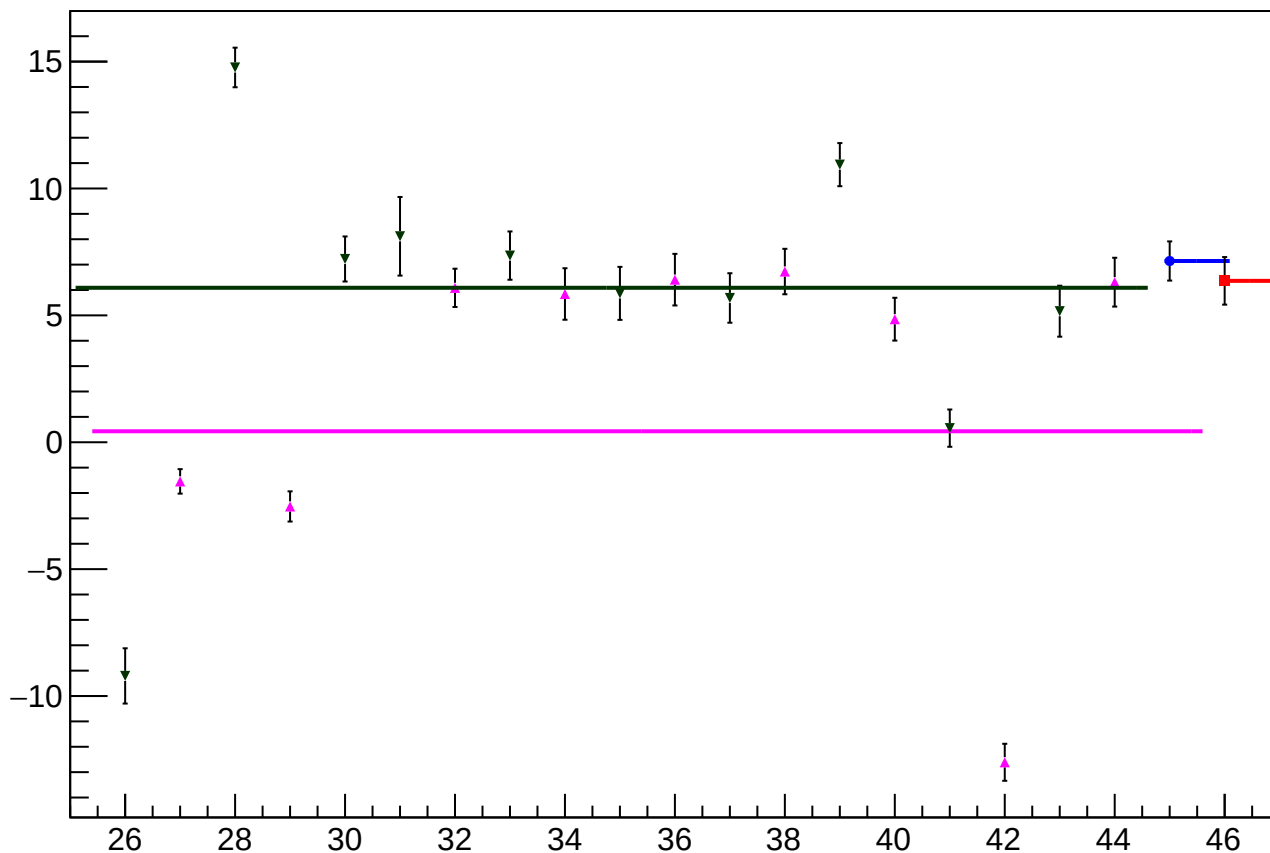
-65.931 $\pm$ 0.037 χ^2 /NDF: 6553.9/10

Right Out: -61.618 $\pm$ 0.118 χ^2 /NDF: 0.0/0

-64.180 $\pm$ 0.034 χ^2 /NDF: 25537.4/9

Left In: -64.419 $\pm$ 0.036 χ^2 /NDF:25022.3/8

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.143 $\pm$ 0.772 χ^2 /NDF: 0.0/0

Left Out: 6.087 $\pm$ 0.295 χ^2 /NDF: 416.6/9

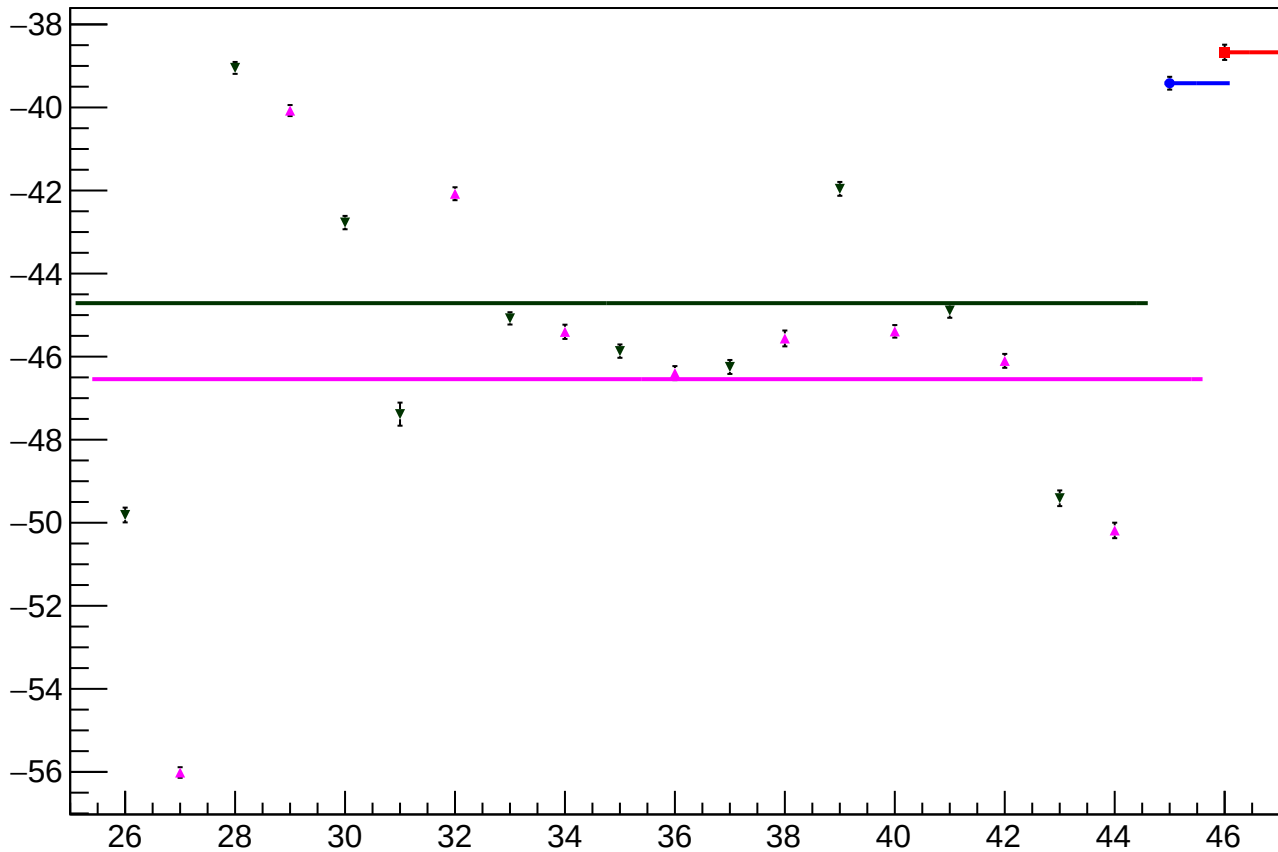
Right Out: 6.360 $\pm$ 0.937 χ^2 /NDF: 0.0/0

Left In: 0.433 $\pm$ 0.247 χ^2 /NDF: 594.7/8

6.222 $\pm$ 0.276 χ^2 /NDF: 418.3/10

0.817 $\pm$ 0.239 χ^2 /NDF: 632.1/9

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -39.416 $\pm$ 0.155 χ^2 /NDF: 0.0/0

Left Out: -44.712 $\pm$ 0.054 χ^2 /NDF:3648.7/9

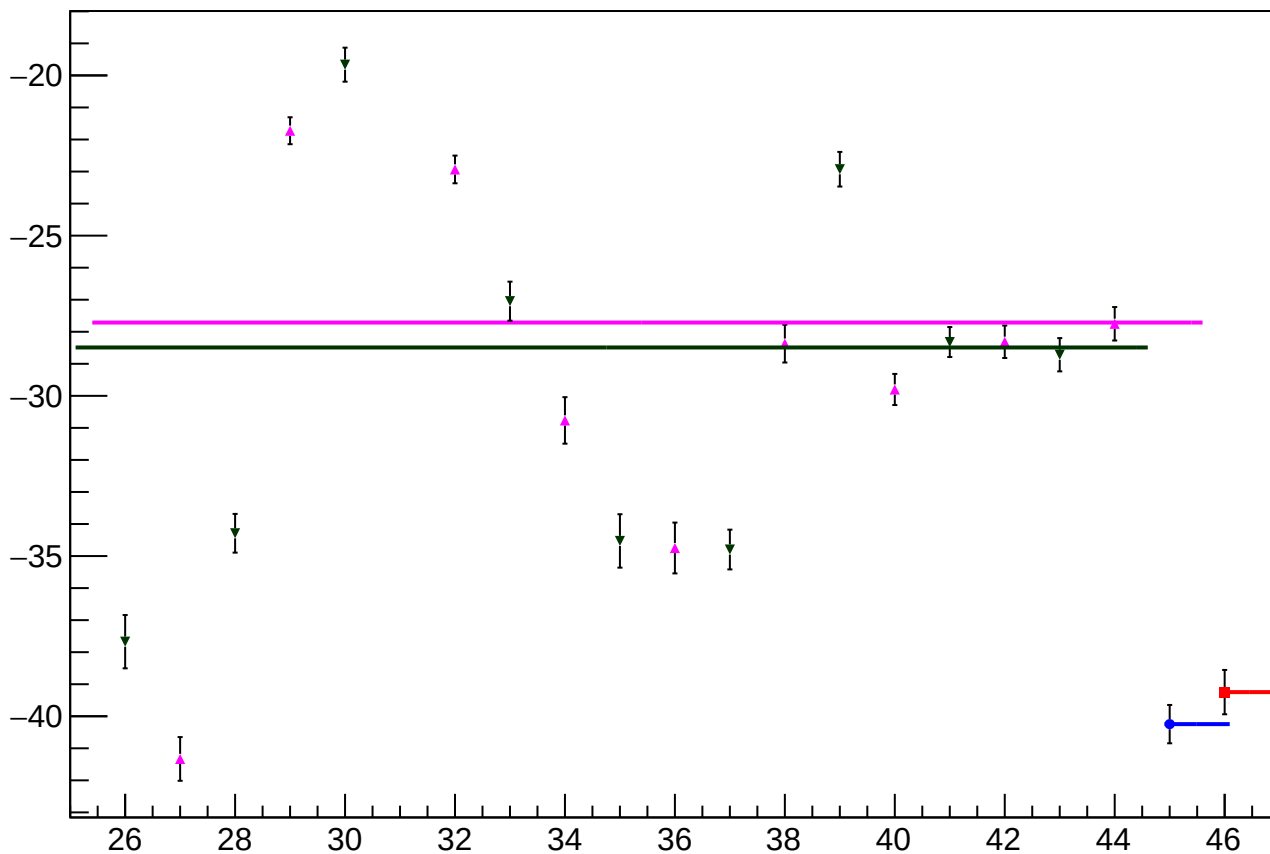
-44.144 $\pm$ 0.051 χ^2 /NDF: 4695.7/10

Right Out: -38.672 $\pm$ 0.184 χ^2 /NDF: 0.0/0

-45.950 $\pm$ 0.050 χ^2 /NDF: 10909.6/9

Left In: -46.543 $\pm$ 0.052 χ^2 /NDF:9214.1/8

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -40.245+/-0.598 χ^2/NDF : 0.0/0

Left Out: -28.490+/-0.195 χ^2/NDF : 758.4/8

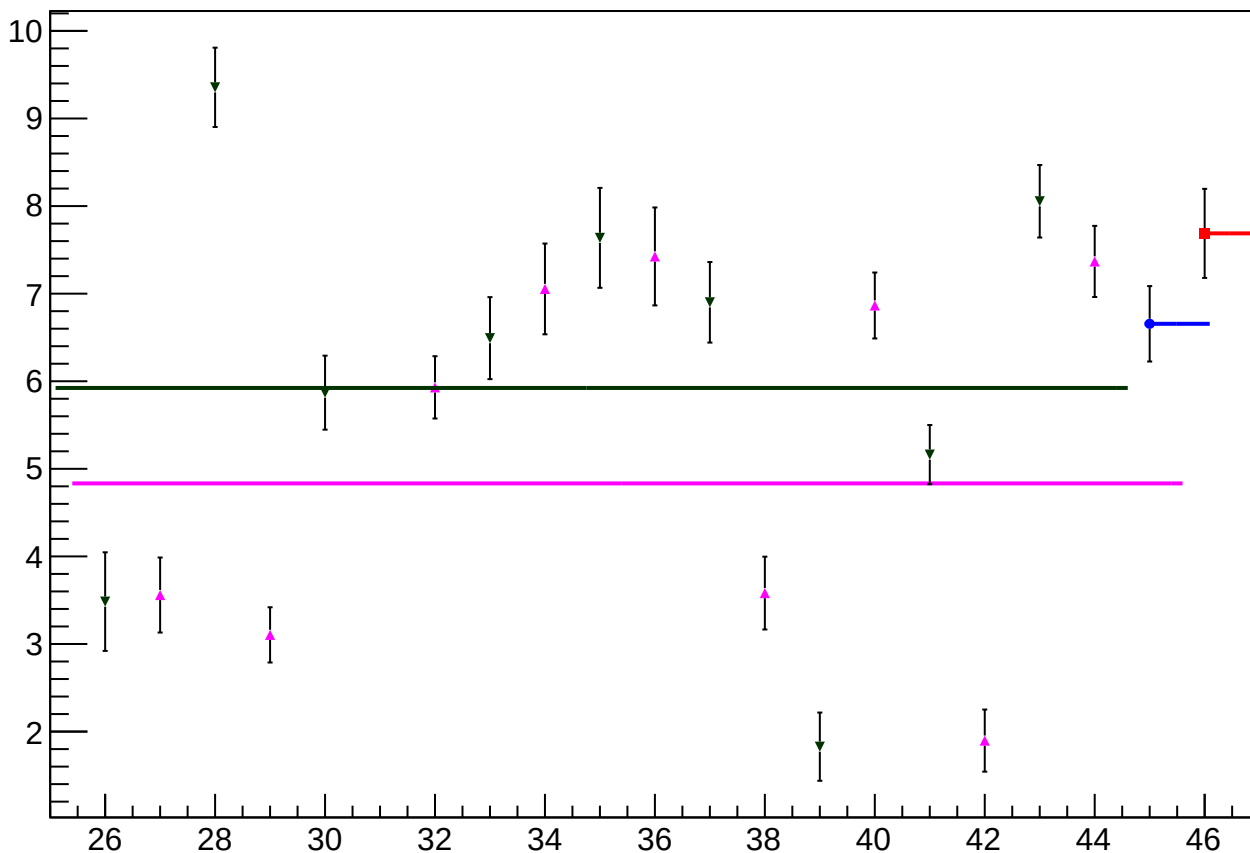
Right Out: -39.246+/-0.692 χ^2/NDF : 0.0/0

Left In: -27.713+/-0.179 χ^2/NDF : 841.0/8

-29.624+/-0.186 χ^2/NDF : 1107.2/9

-28.434+/-0.173 χ^2/NDF : 1101.6/9

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 6.656 $\pm$ 0.431 χ^2/NDF : 0.0/0

Left Out: 5.923 $\pm$ 0.146 χ^2/NDF : 233.4/8

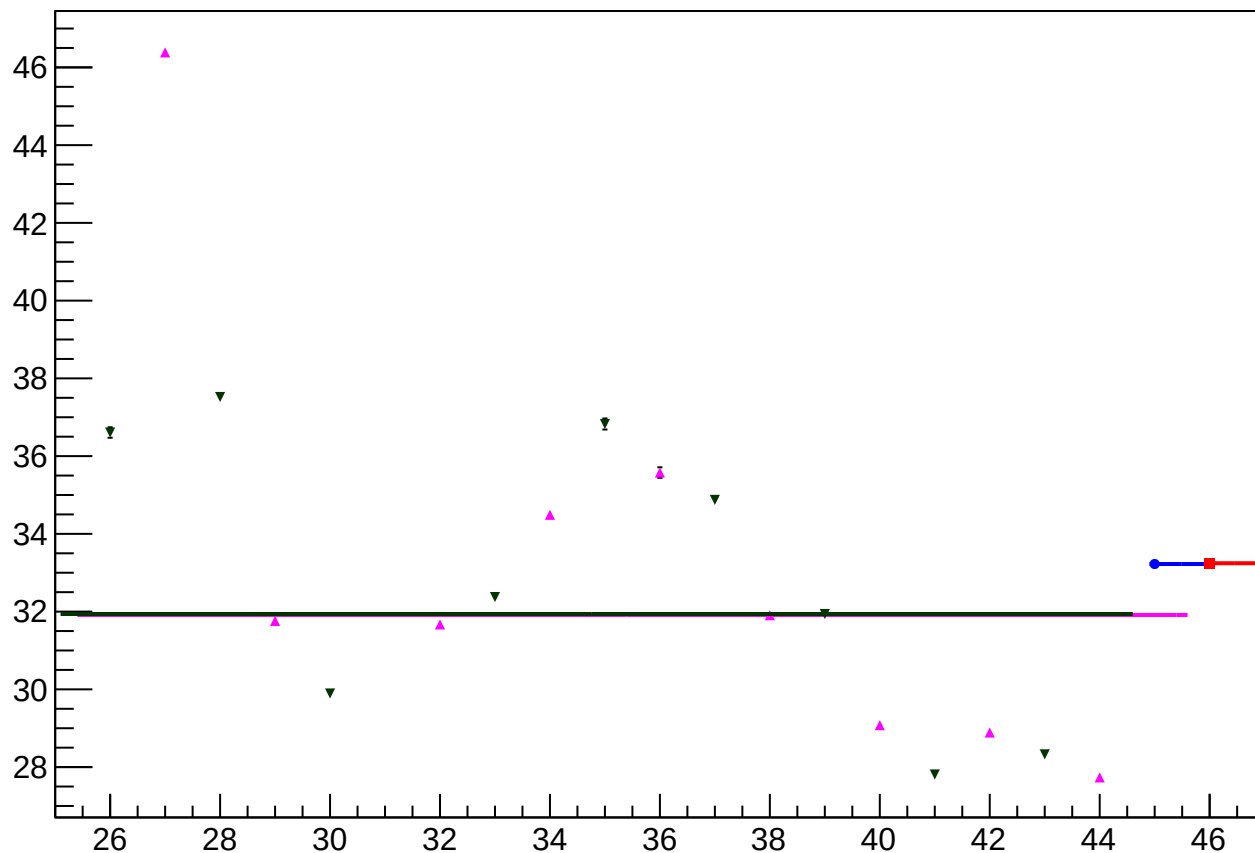
Right Out: 7.688 $\pm$ 0.508 χ^2/NDF : 0.0/0

Left In: 4.834 $\pm$ 0.132 χ^2/NDF : 234.0/8

5.999 $\pm$ 0.138 χ^2/NDF : 236.0/9

5.014 $\pm$ 0.128 χ^2/NDF : 263.5/9

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 33.224+/-0.095 χ^2/NDF : 0.0/0

Left Out: 31.939+/-0.033 χ^2/NDF :10847.9/8

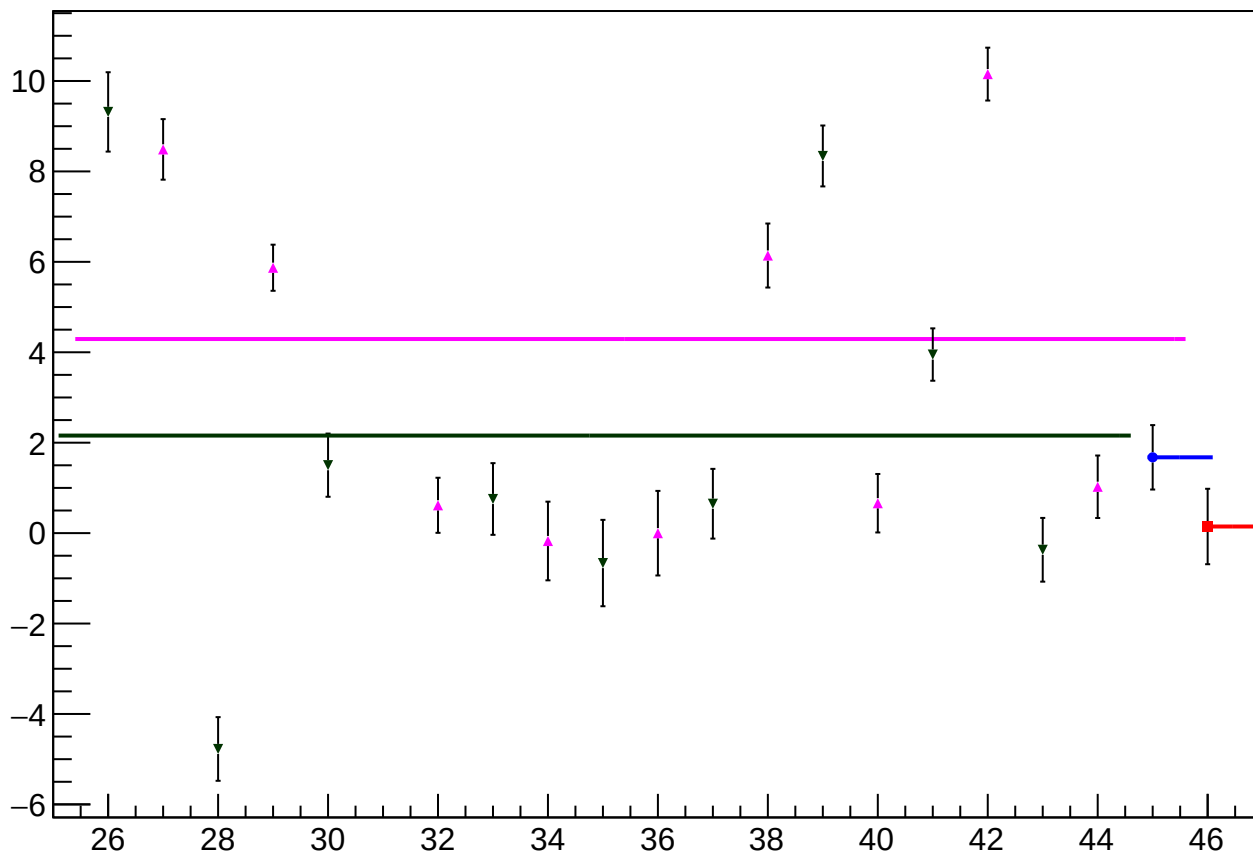
Right Out: 33.245+/-0.104 χ^2/NDF : 0.0/0

Left In: 31.913+/-0.031 χ^2/NDF :20133.4/8

32.074+/-0.031 χ^2/NDF : 11011.5/9

32.019+/-0.029 χ^2/NDF : 20284.0/9

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 1.677 $\pm$ 0.713 χ^2/NDF : 0.0/0

Left Out: 2.158 $\pm$ 0.243 χ^2/NDF : 286.7/8

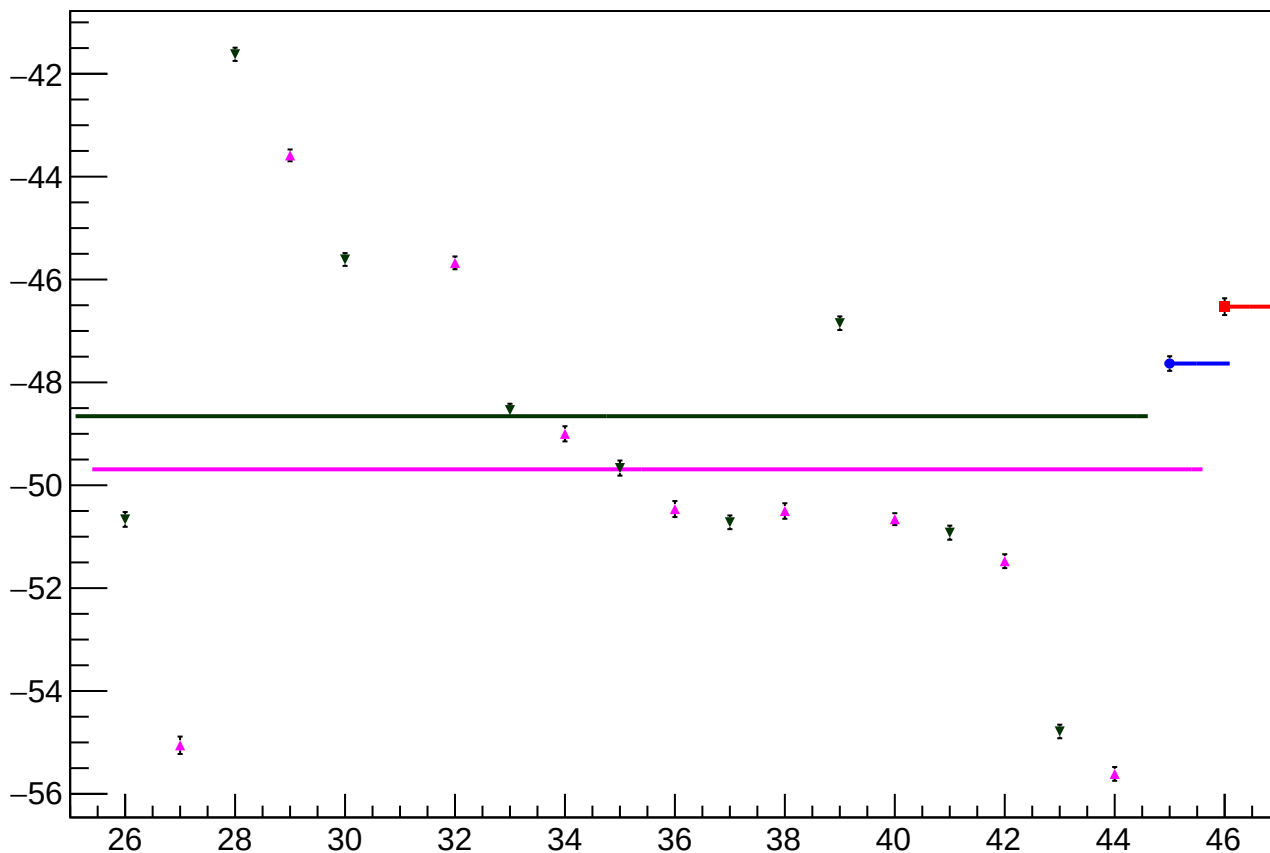
Right Out: 0.146 $\pm$ 0.834 χ^2/NDF : 0.0/0

Left In: 4.293 $\pm$ 0.220 χ^2/NDF : 293.8/8

2.107 $\pm$ 0.230 χ^2/NDF : 287.1/9

4.023 $\pm$ 0.213 χ^2/NDF : 316.9/9

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -47.633 ± 0.143 χ^2/NDF : 0.0/0

Left Out: -48.567 ± 0.044 χ^2/NDF : 6659.9/8

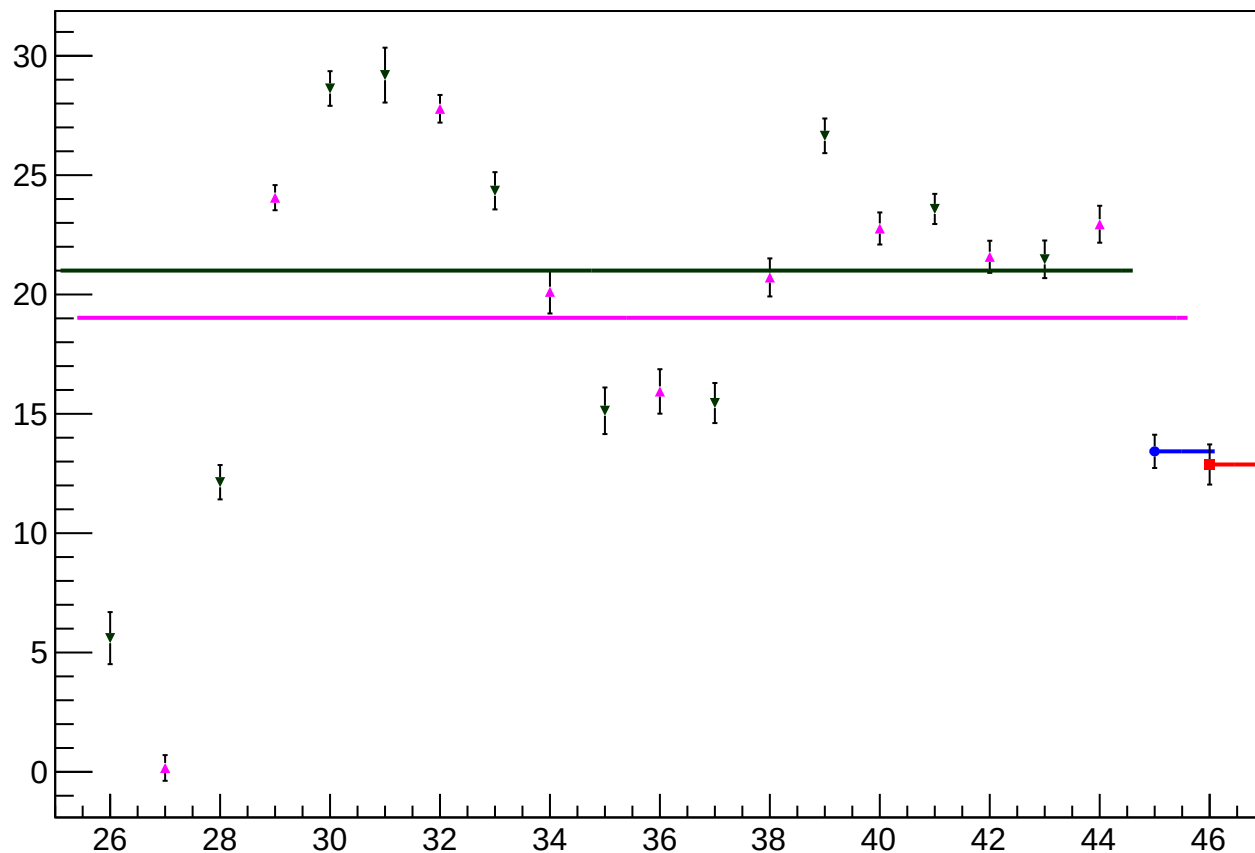
-48.567 ± 0.042 χ^2/NDF : 6706.9/9

Right Out: -46.528 ± 0.163 χ^2/NDF : 0.0/0

-49.466 ± 0.043 χ^2/NDF : 7495.1/9

Left In: -49.690 ± 0.045 χ^2/NDF : 7146.4/8

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.428 $\pm$ 0.697 χ^2 /NDF: 0.0/0

Left Out: 21.002 $\pm$ 0.254 χ^2 /NDF:688.1/9

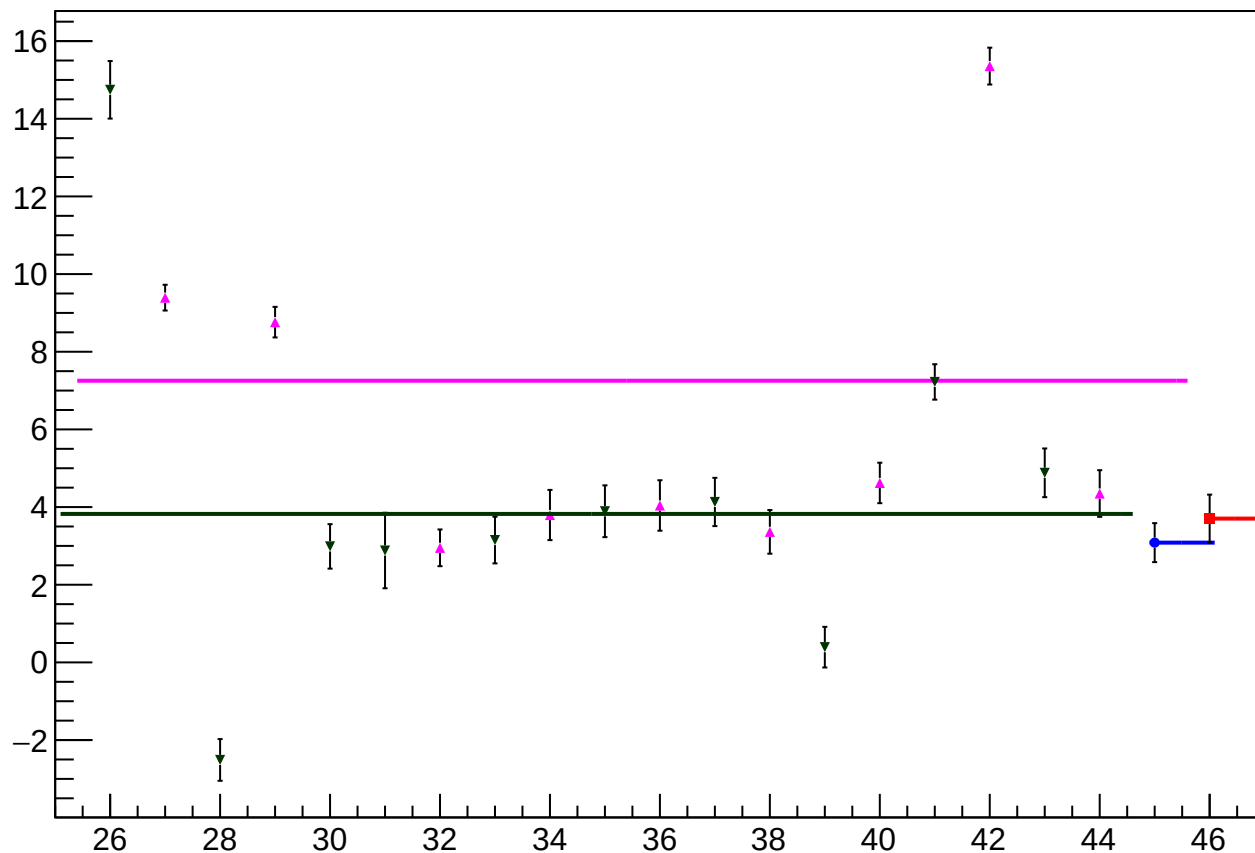
Right Out: 12.878 $\pm$ 0.841 χ^2 /NDF: 0.0/0

Left In: 19.023 $\pm$ 0.223 χ^2 /NDF:1636.4/8

20.117 $\pm$ 0.238 χ^2 /NDF: 792.3/10

18.619 $\pm$ 0.216 χ^2 /NDF: 1686.3/9

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 3.084 ± 0.502 χ^2/NDF : 0.0/0

Left Out: 3.824 ± 0.189 χ^2/NDF : 462.2/9

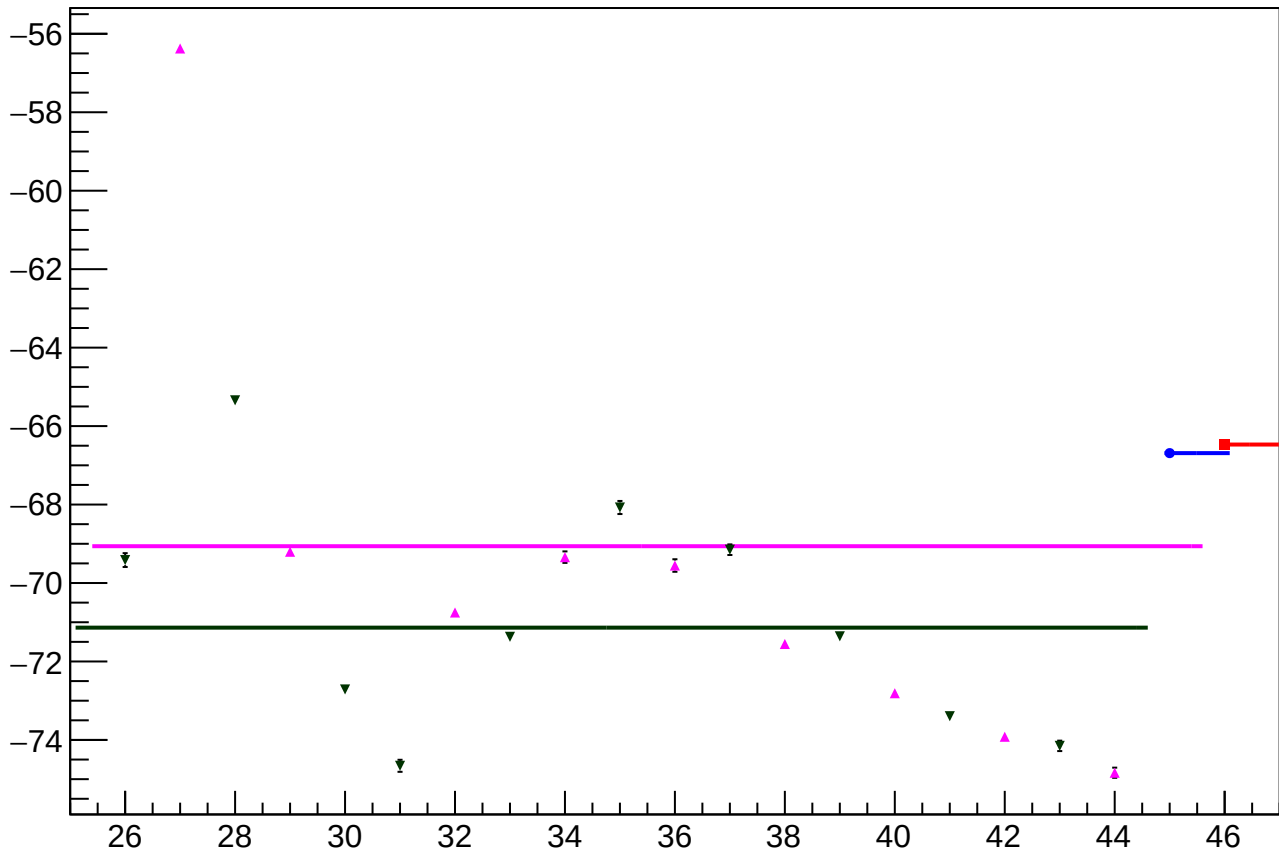
Right Out: 3.703 ± 0.617 χ^2/NDF : 0.0/0

Left In: 7.254 ± 0.160 χ^2/NDF : 580.6/8

3.732 ± 0.177 χ^2/NDF : 464.1/10

7.029 ± 0.155 χ^2/NDF : 611.6/9

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -66.689 $\pm$ 0.111 χ^2 /NDF: 0.0/0

Left Out: -71.138 $\pm$ 0.042 χ^2 /NDF:4371.0/9

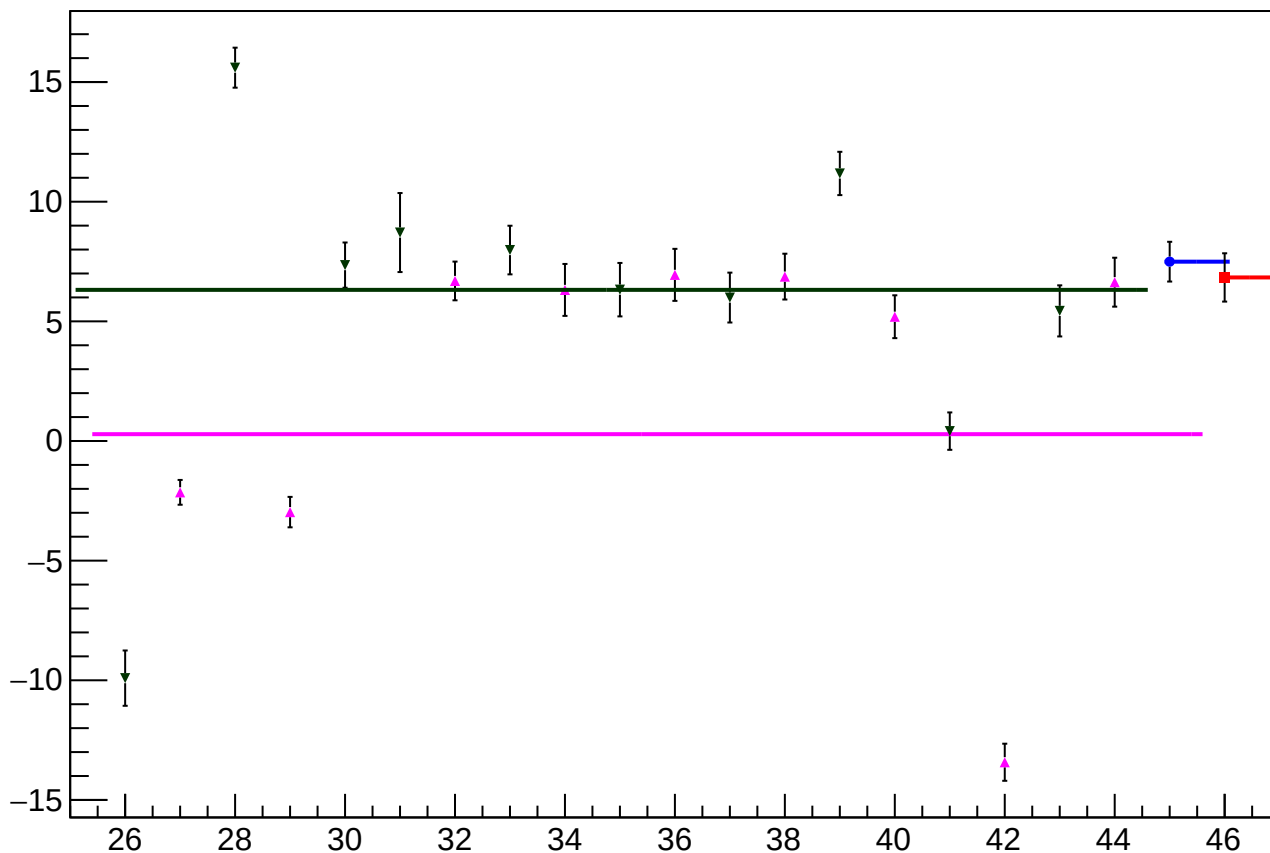
-70.584 $\pm$ 0.039 χ^2 /NDF: 5772.0/10

Right Out: -66.470 $\pm$ 0.127 χ^2 /NDF: 0.0/0

-68.843 $\pm$ 0.037 χ^2 /NDF: 22999.3/9

Left In: -69.062 $\pm$ 0.039 χ^2 /NDF:22618.3/8

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.494 $\pm$ 0.831 χ^2 /NDF: 0.0/0

6.464 $\pm$ 0.294 χ^2 /NDF: 415.0/10

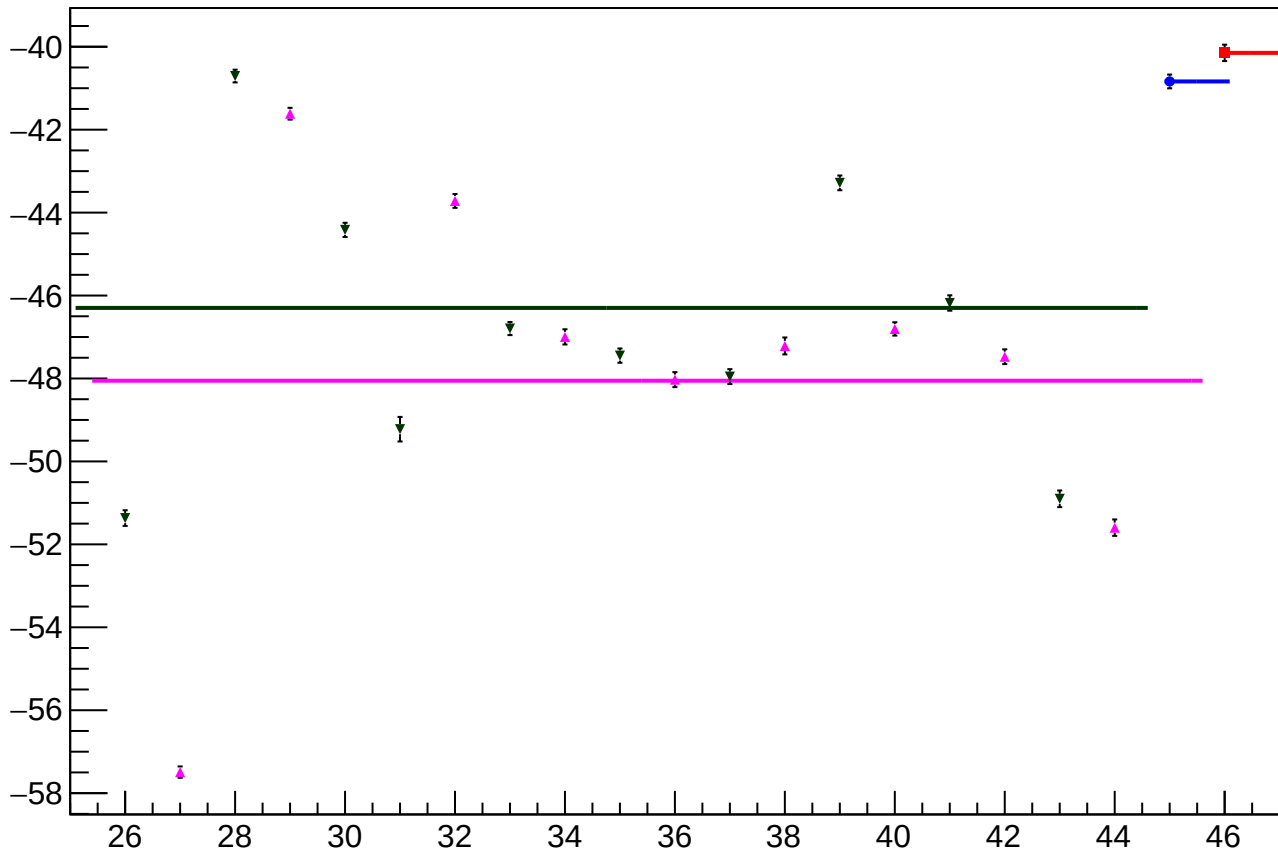
Left Out: 6.316 $\pm$ 0.315 χ^2 /NDF: 413.3/9

0.704 $\pm$ 0.255 χ^2 /NDF: 647.5/9

Right Out: 6.835 $\pm$ 1.009 χ^2 /NDF: 0.0/0

Left In: 0.285 $\pm$ 0.264 χ^2 /NDF: 608.0/8

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -40.837 $\pm$ 0.166 χ^2 /NDF: 0.0/0

Left Out: -46.298 $\pm$ 0.057 χ^2 /NDF:3214.3/9

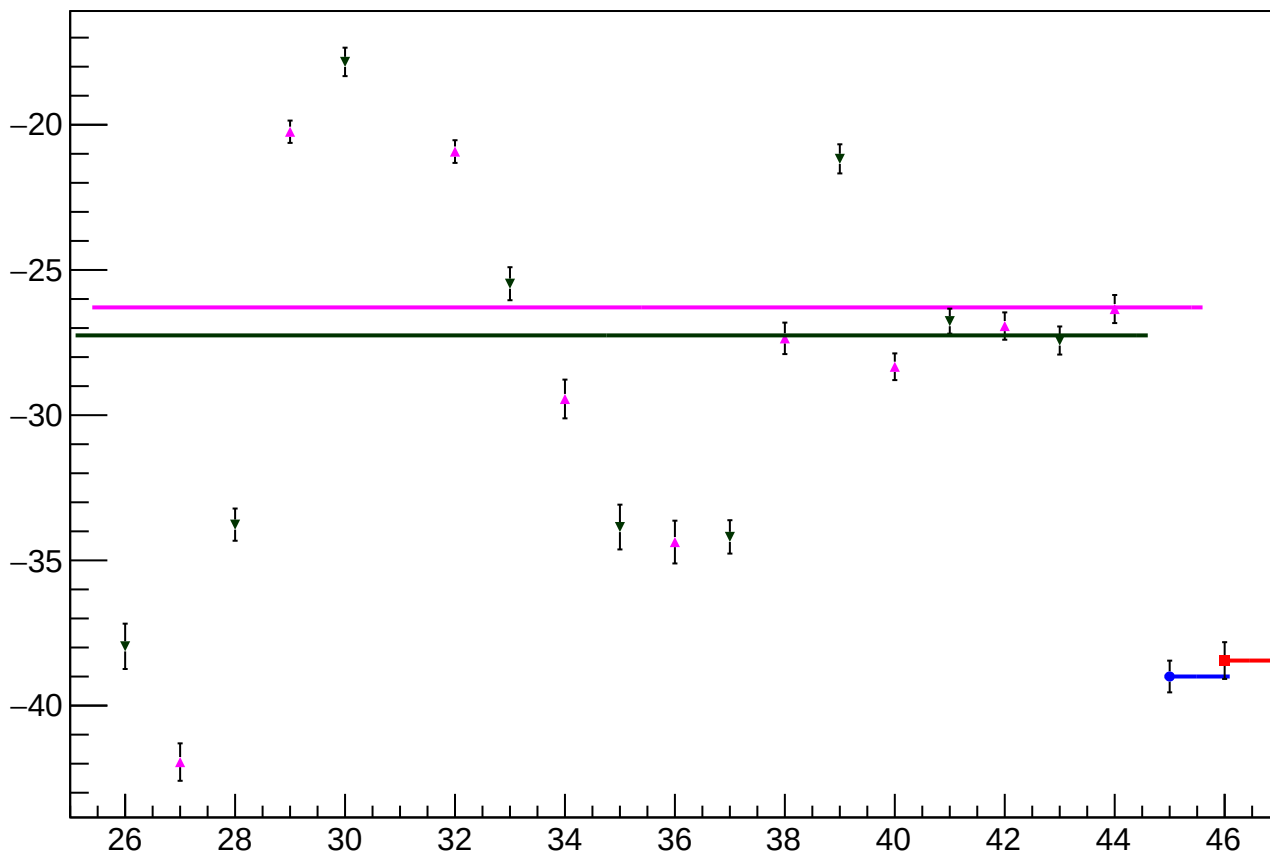
-45.722 $\pm$ 0.054 χ^2 /NDF: 4177.4/10

Right Out: -40.148 $\pm$ 0.198 χ^2 /NDF: 0.0/0

-47.467 $\pm$ 0.054 χ^2 /NDF: 9390.8/9

Left In: -48.054 $\pm$ 0.056 χ^2 /NDF:7913.0/8

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -38.998 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Left Out: -27.253 $\pm$ 0.181 χ^2 /NDF:1073.0/8

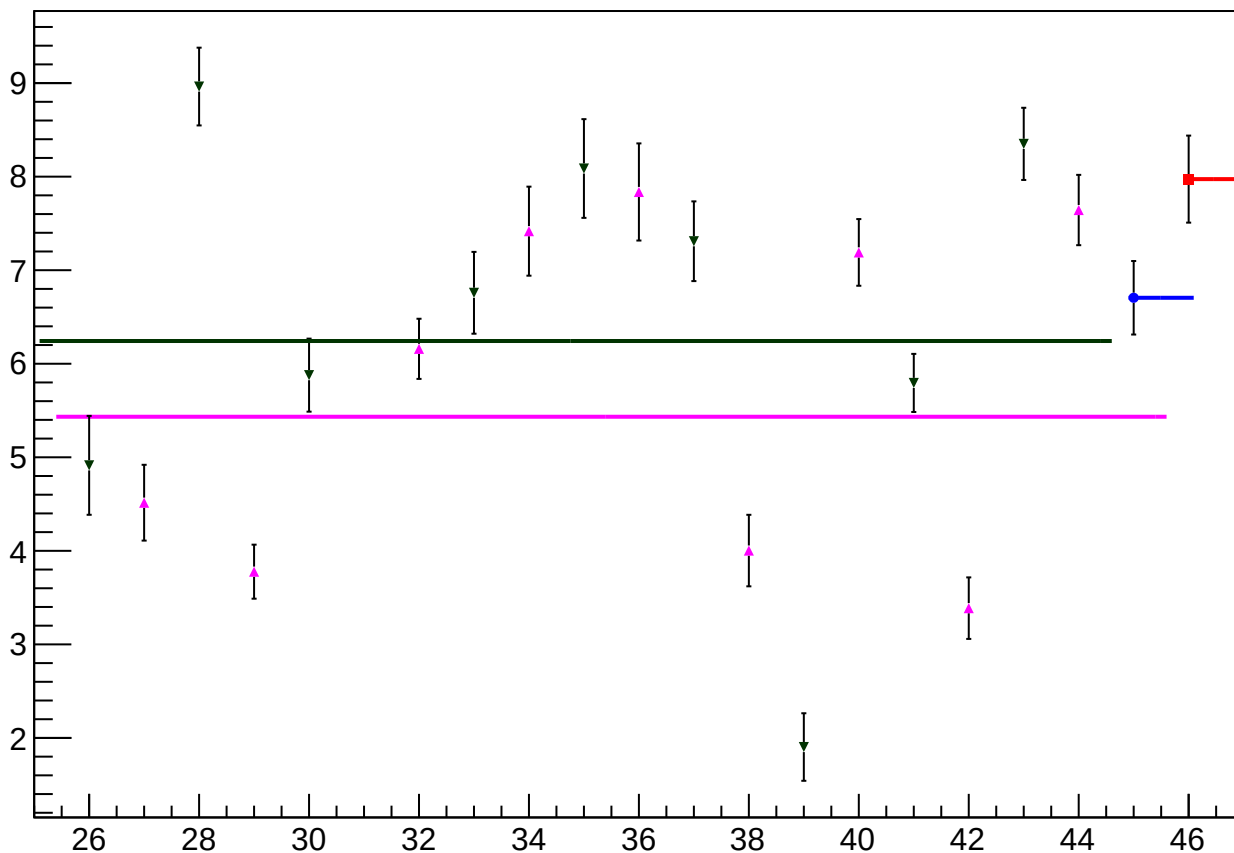
-28.416 $\pm$ 0.172 χ^2 /NDF: 1489.9/9

Right Out: -38.449 $\pm$ 0.633 χ^2 /NDF: 0.0/0

-27.062 $\pm$ 0.160 χ^2 /NDF: 1540.1/9

Left In: -26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

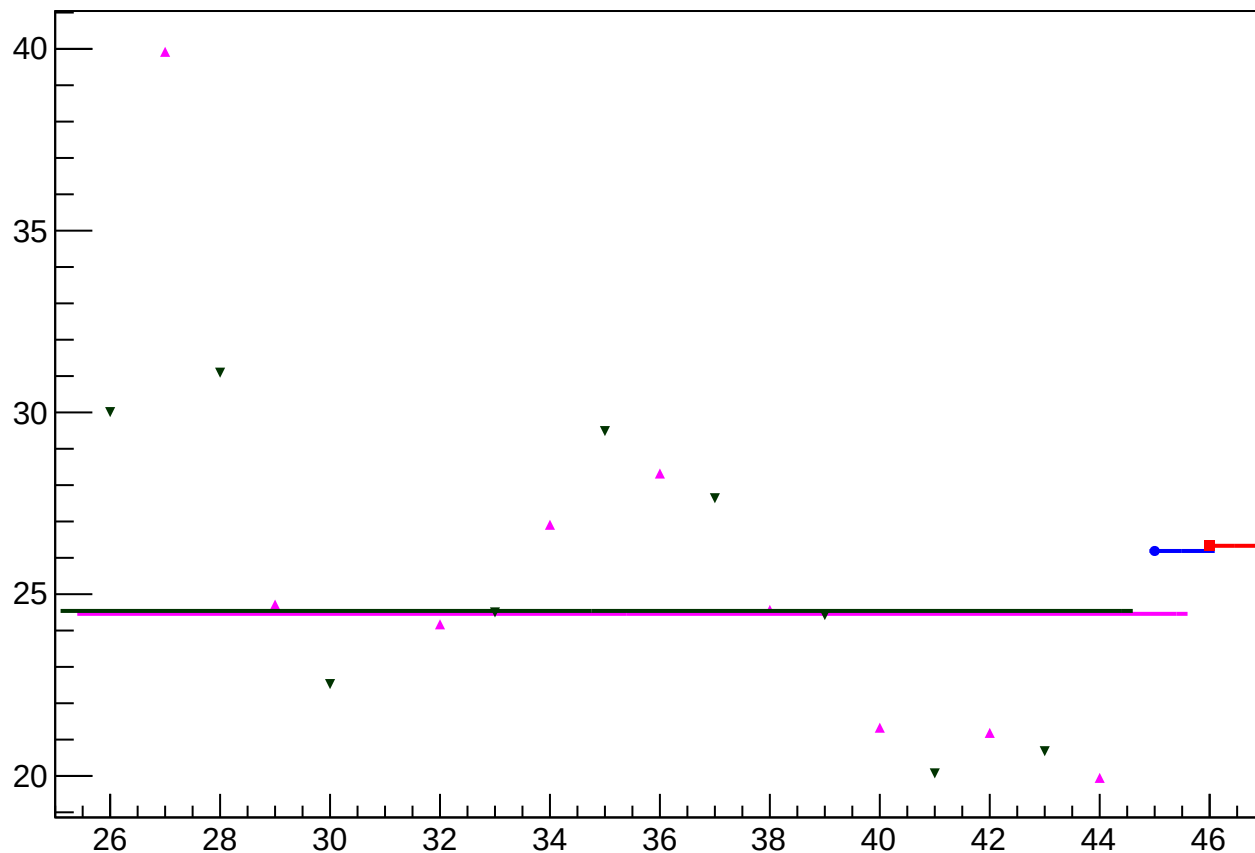
reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.705 $\pm$ 0.393 χ^2 /NDF: 0.0/0
 Left Out: 6.243 $\pm$ 0.135 χ^2 /NDF:246.4/8
 Right Out: 7.974 $\pm$ 0.465 χ^2 /NDF: 0.0/0
 Left In: 5.433 $\pm$ 0.122 χ^2 /NDF:193.5/8

6.292 $\pm$ 0.128 χ^2 /NDF: 247.6/9
 5.597 $\pm$ 0.118 χ^2 /NDF: 221.4/9

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 26.189+/-0.087 χ^2 /NDF: 0.0/0

Left Out: 24.539+/-0.030 χ^2 /NDF:15395.0/8

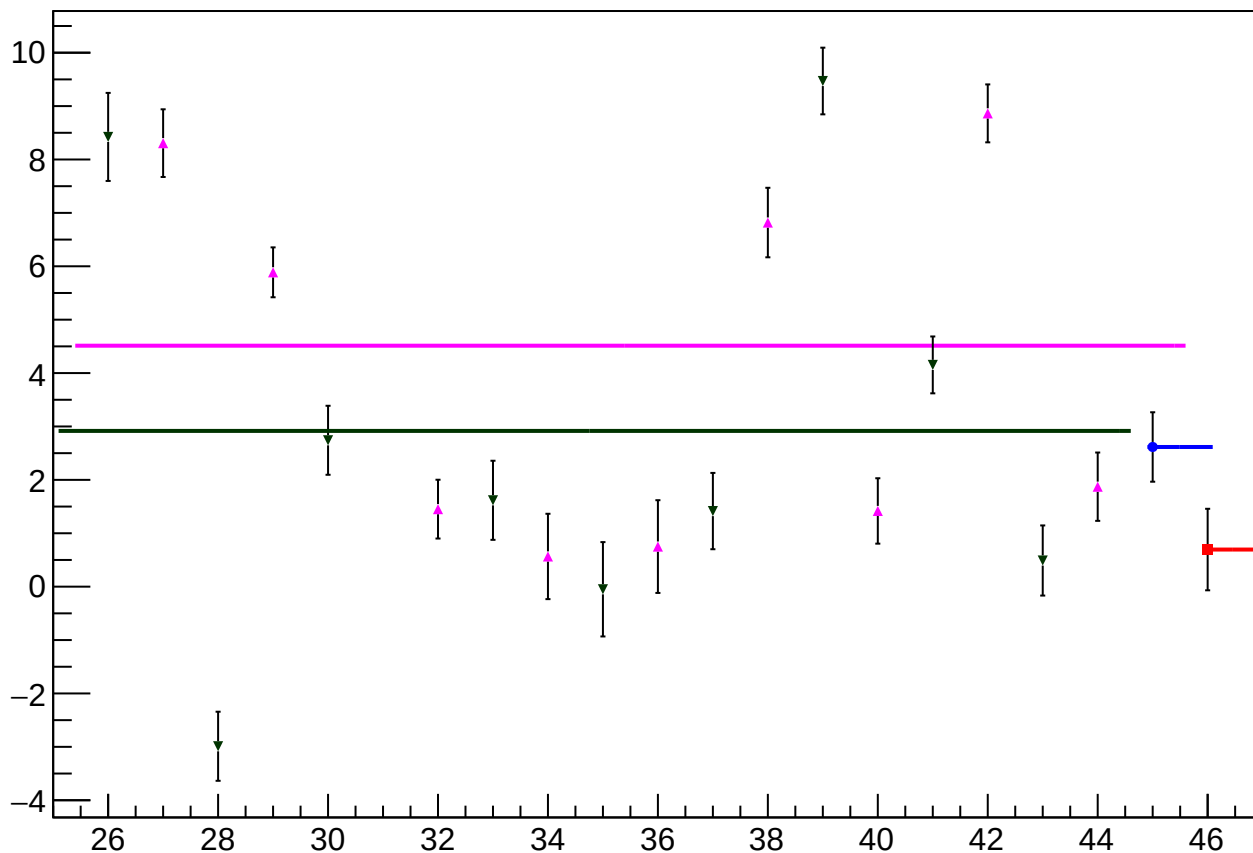
Right Out: 26.331+/-0.095 χ^2 /NDF: 0.0/0

Left In: 24.459+/-0.028 χ^2 /NDF:26092.7/8

24.717+/-0.028 χ^2 /NDF: 15717.3/9

24.610+/-0.027 χ^2 /NDF: 26447.7/9

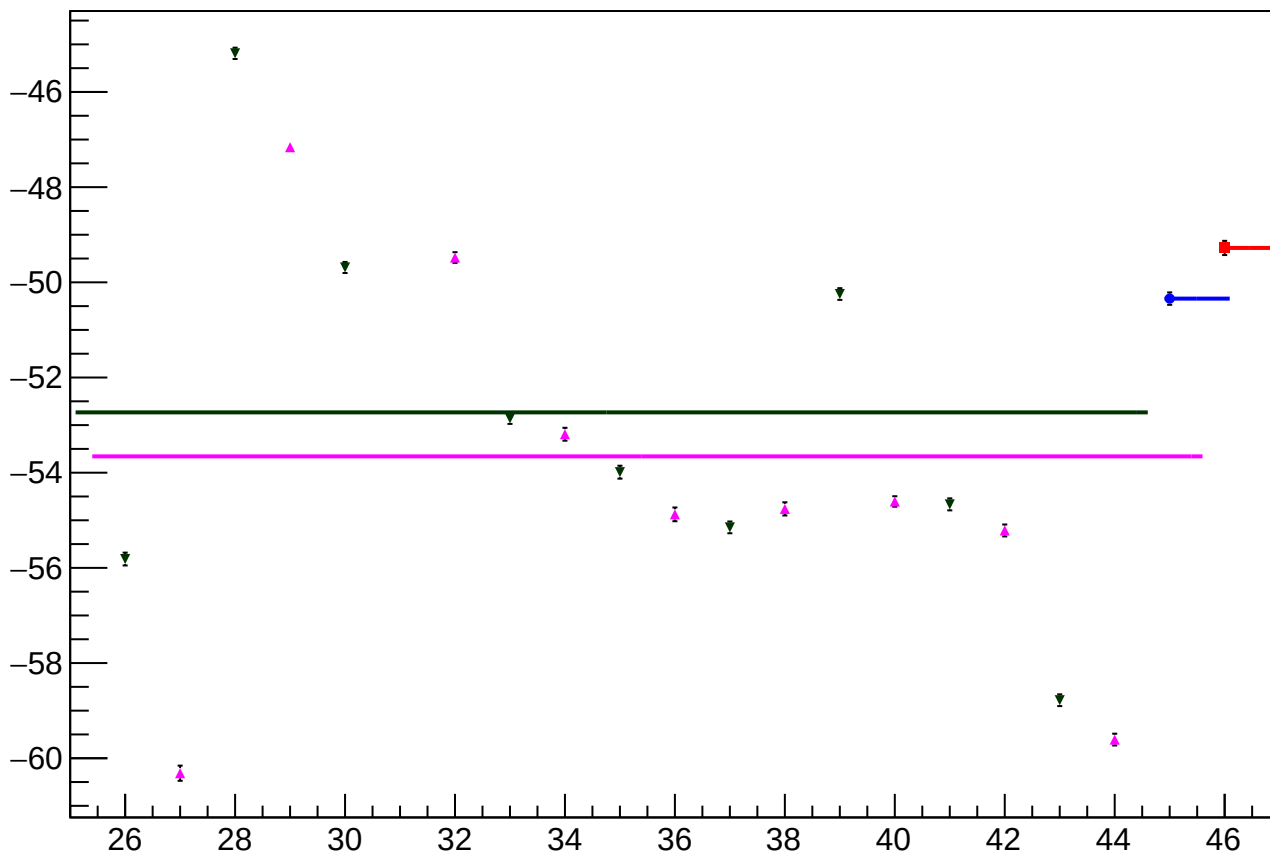
reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 2.616 $\pm$ 0.650 χ^2 /NDF: 0.0/0
 Left Out: 2.917 $\pm$ 0.225 χ^2 /NDF:276.0/8
 Right Out: 0.695 $\pm$ 0.763 χ^2 /NDF: 0.0/0
 Left In: 4.513 $\pm$ 0.204 χ^2 /NDF:238.0/8

2.885 $\pm$ 0.213 χ^2 /NDF: 276.2/9
 4.259 $\pm$ 0.197 χ^2 /NDF: 261.4/9

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -50.342 ± 0.130 χ^2/NDF : 0.0/0

Left Out: -52.733 ± 0.041 χ^2/NDF : 8744.9/8

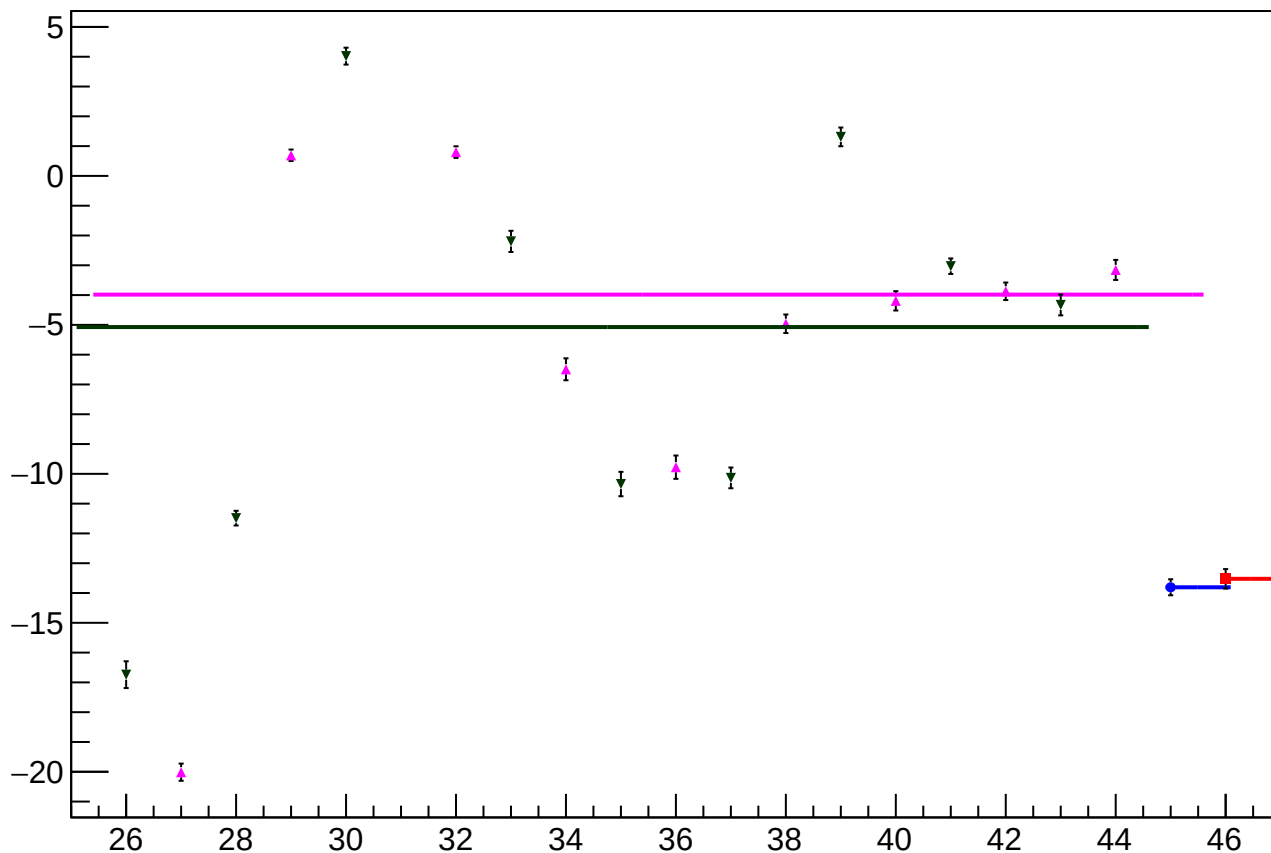
Right Out: -49.277 ± 0.149 χ^2/NDF : 0.0/0

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-52.514 ± 0.039 χ^2/NDF : 9051.6/9

-53.340 ± 0.040 χ^2/NDF : 10384.2/9

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -13.808 ± 0.269 χ^2/NDF : 0.0/0

Left Out: -5.073 ± 0.106 χ^2/NDF : 3297.3/8

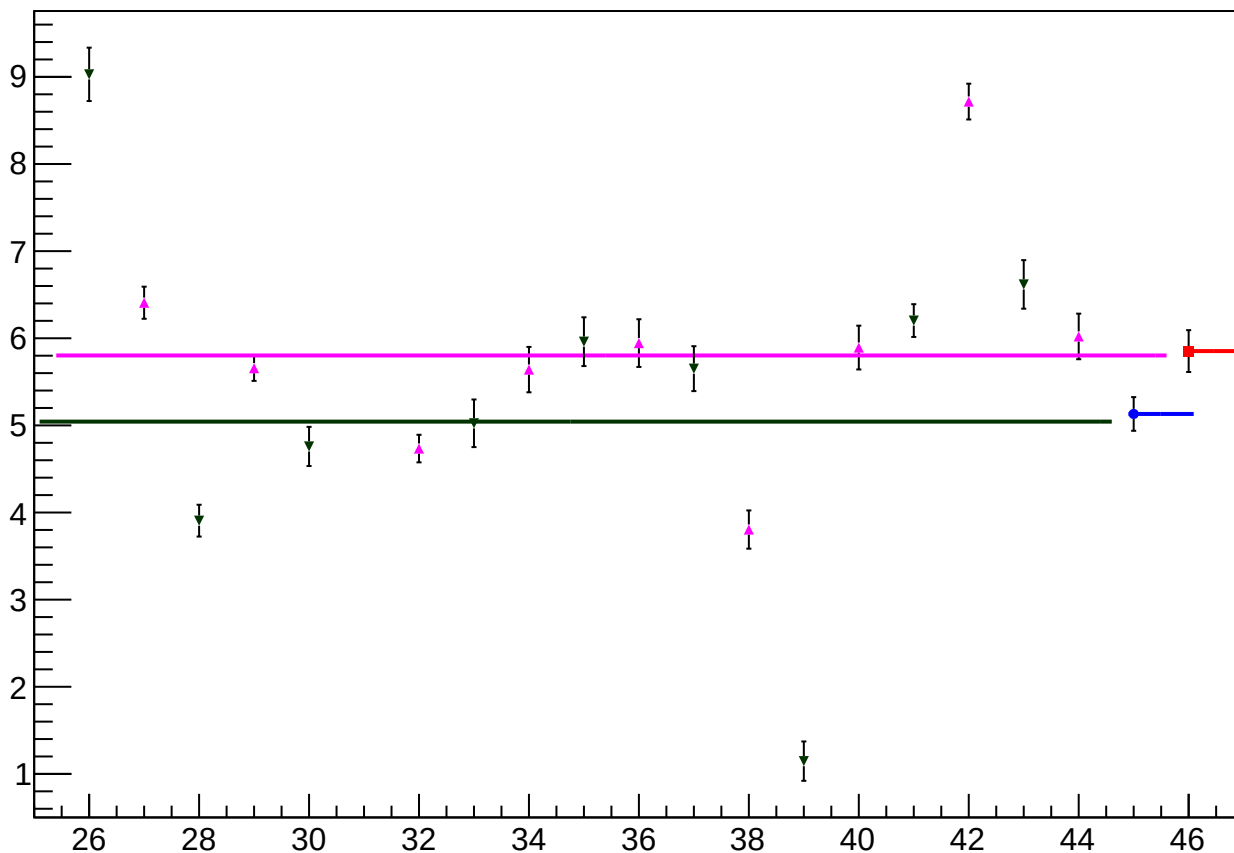
Right Out: -13.524 ± 0.327 χ^2/NDF : 0.0/0

Left In: -3.984 ± 0.091 χ^2/NDF : 4557.3/8

-6.251 ± 0.099 χ^2/NDF : 4212.3/9

-4.676 ± 0.088 χ^2/NDF : 5345.8/9

reg_asym_us_avg_diff_bpm4aY_slope vs slug

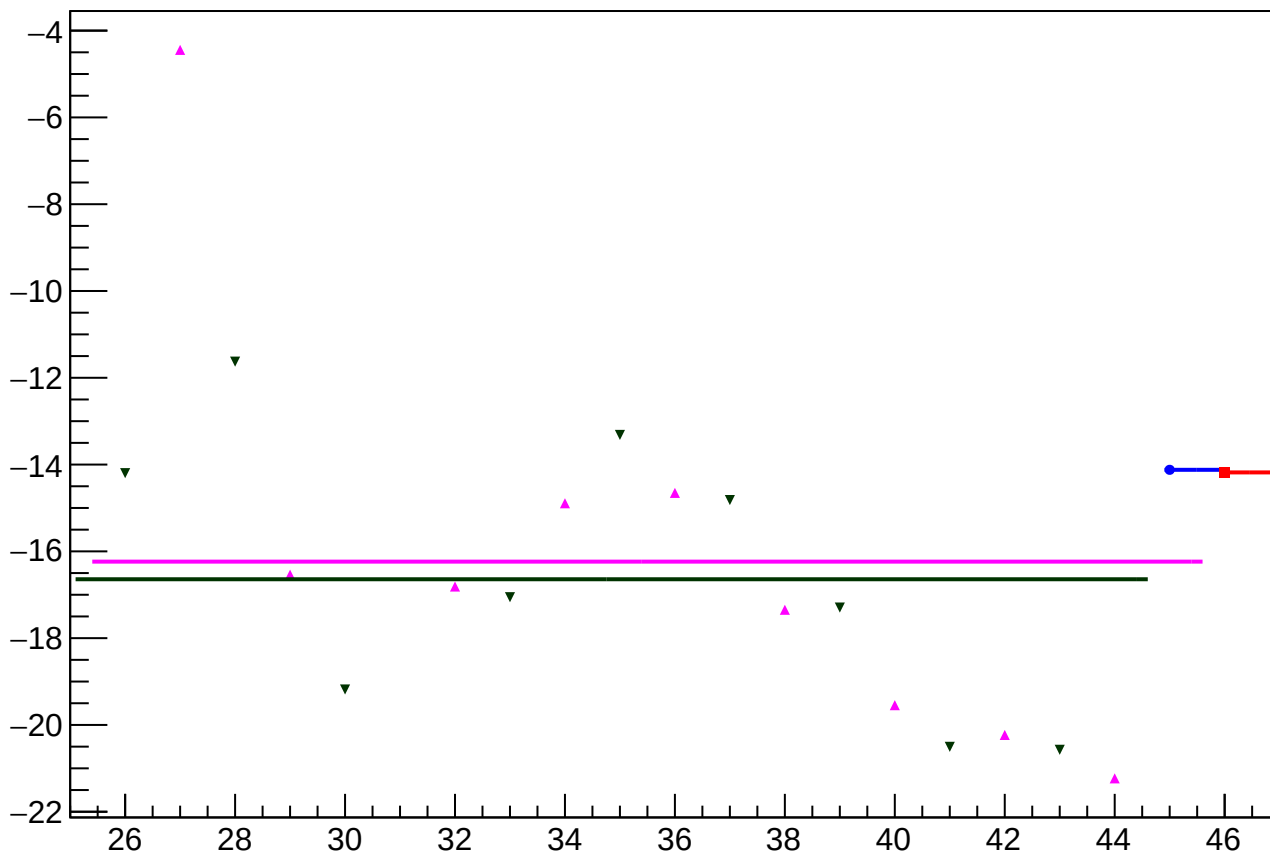


Right In: 5.131+/-0.193 χ^2/NDF : 0.0/0
 Left Out: 5.043+/-0.078 χ^2/NDF : 594.0/8
 Right Out: 5.853+/-0.240 χ^2/NDF : 0.0/0
 Left In: 5.803+/-0.067 χ^2/NDF : 343.0/8

5.056+/-0.073 χ^2/NDF : 594.2/9

5.806+/-0.065 χ^2/NDF : 343.0/9

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -14.121+/-0.043 χ^2/NDF : 0.0/0

Left Out: -16.643+/-0.018 χ^2/NDF : 32975.5/8

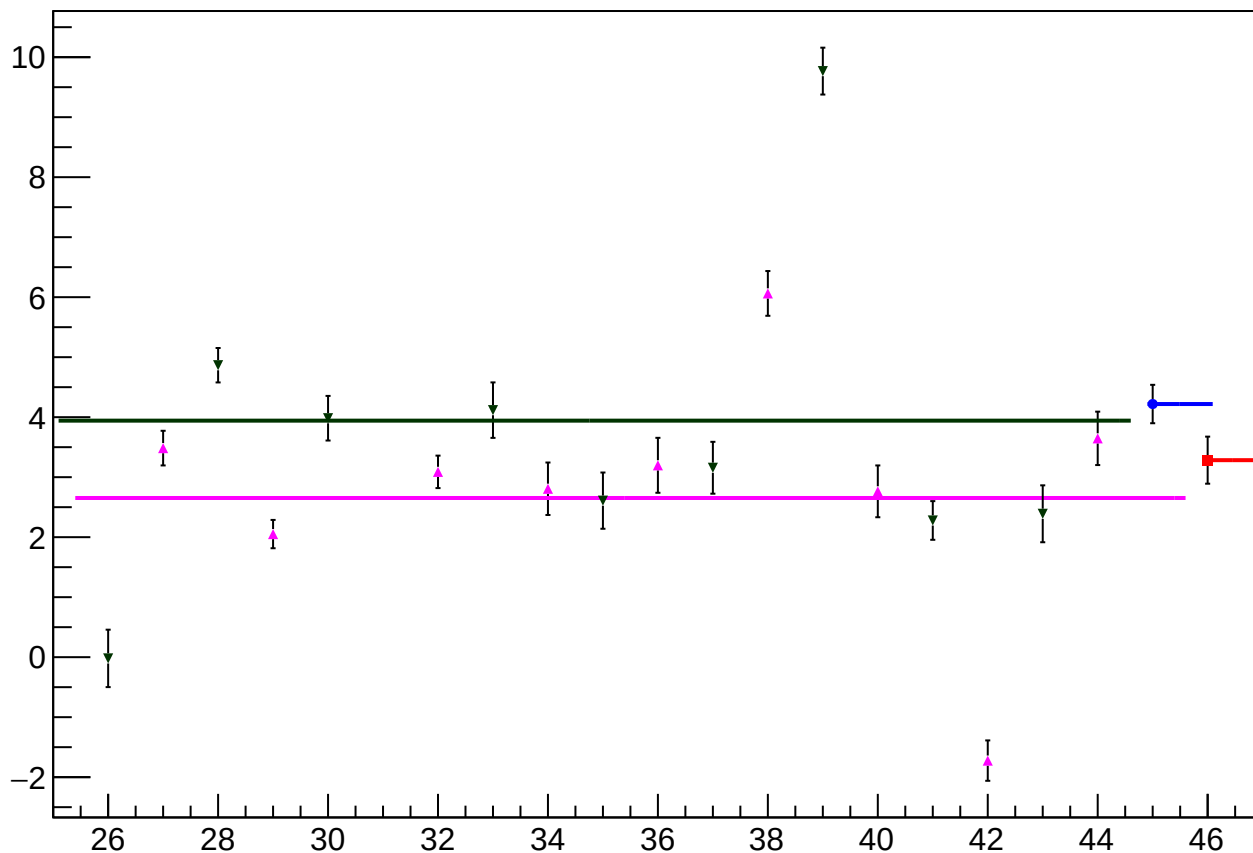
-16.275+/-0.016 χ^2/NDF : 35930.5/9

Right Out: -14.181+/-0.049 χ^2/NDF : 0.0/0

-16.052+/-0.015 χ^2/NDF : 75242.9/9

Left In: -16.237+/-0.016 χ^2/NDF : 73670.4/8

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.219 ± 0.320 χ^2/NDF : 0.0/0

Left Out: 3.942 ± 0.130 χ^2/NDF : 350.2/8

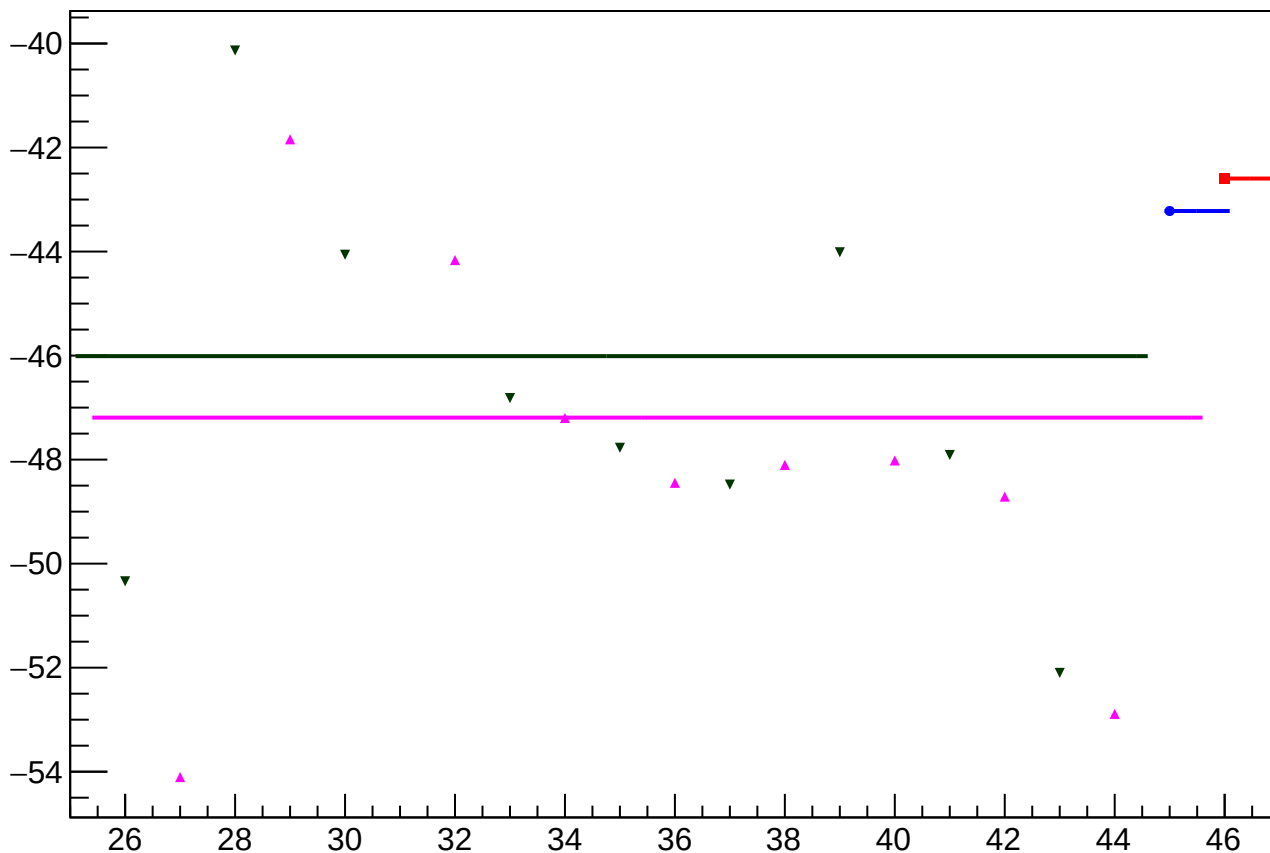
Right Out: 3.284 ± 0.392 χ^2/NDF : 0.0/0

Left In: 2.653 ± 0.112 χ^2/NDF : 276.7/8

3.982 ± 0.121 χ^2/NDF : 350.9/9

2.701 ± 0.107 χ^2/NDF : 279.1/9

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -43.220 ± 0.064 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -46.011 ± 0.024 $\chi^2/\text{NDF}: 23317.4/8$

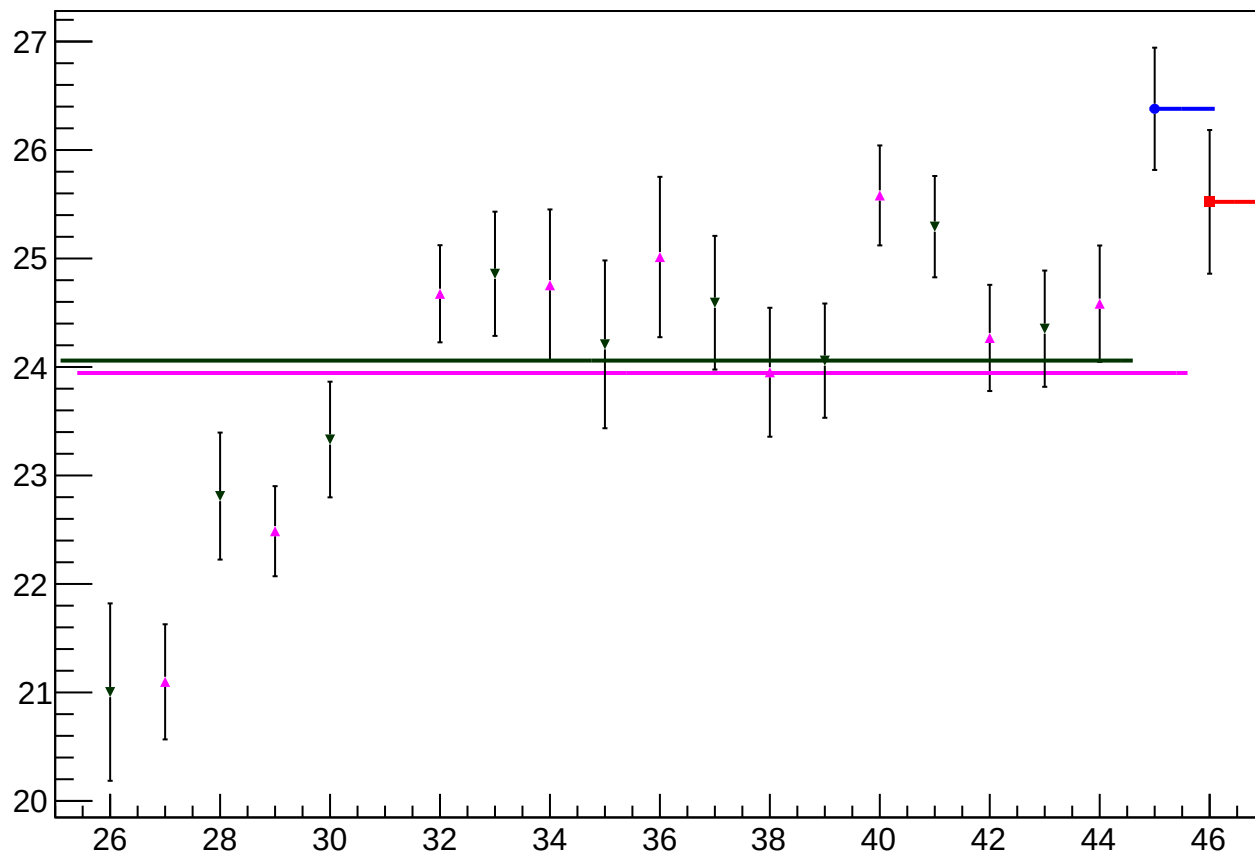
-45.667 ± 0.023 $\chi^2/\text{NDF}: 24975.5/9$

Right Out: -42.596 ± 0.077 $\chi^2/\text{NDF}: 0.0/0$

-46.806 ± 0.022 $\chi^2/\text{NDF}: 30634.1/9$

Left In: -47.193 ± 0.023 $\chi^2/\text{NDF}: 27380.9/8$

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.380 $\pm$ 0.564 χ^2 /NDF: 0.0/0

Left Out: 24.059 $\pm$ 0.193 χ^2 /NDF:30.4/8

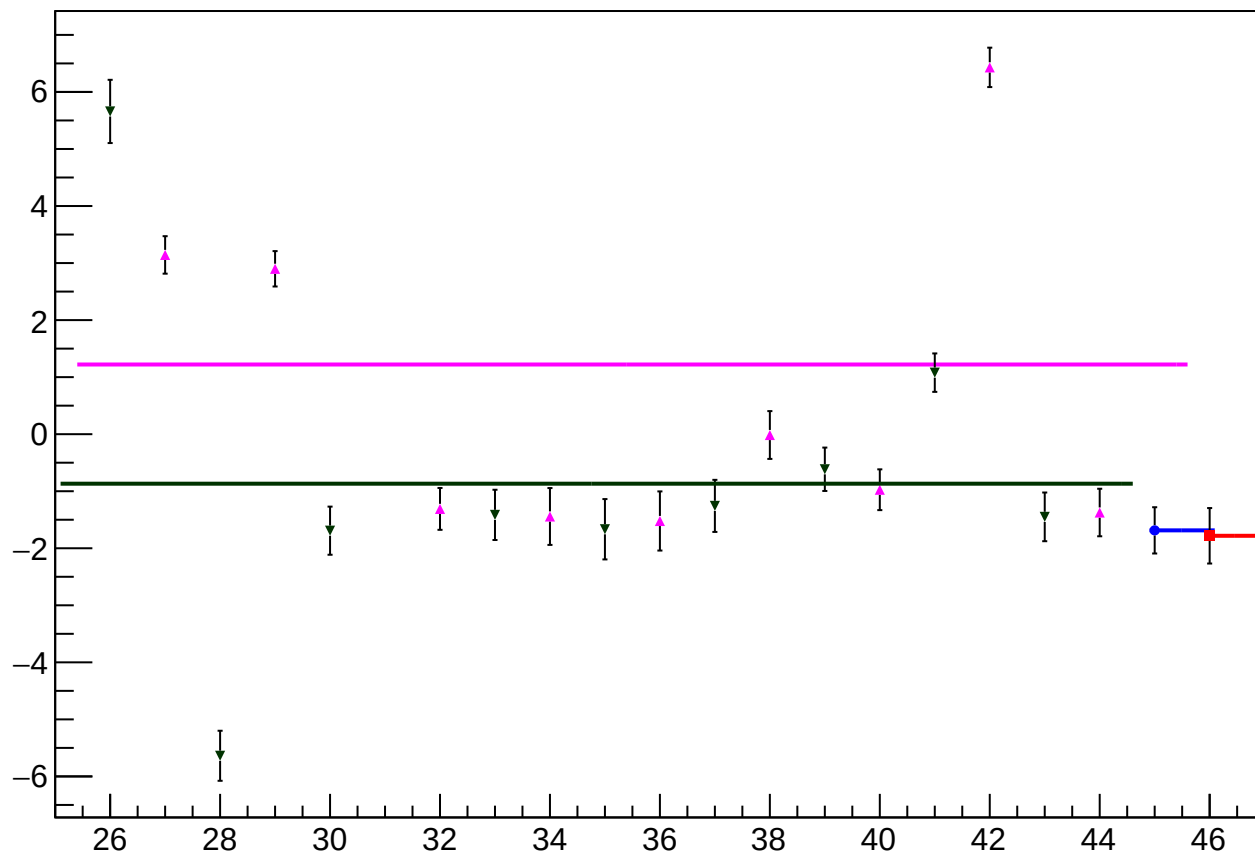
Right Out: 25.522 $\pm$ 0.662 χ^2 /NDF: 0.0/0

Left In: 23.945 $\pm$ 0.173 χ^2 /NDF:61.7/8

24.302 $\pm$ 0.182 χ^2 /NDF: 45.6/9

24.045 $\pm$ 0.167 χ^2 /NDF: 67.0/9

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -1.686+/-0.406 χ^2/NDF : 0.0/0

Left Out: -0.868+/-0.143 χ^2/NDF : 300.9/8

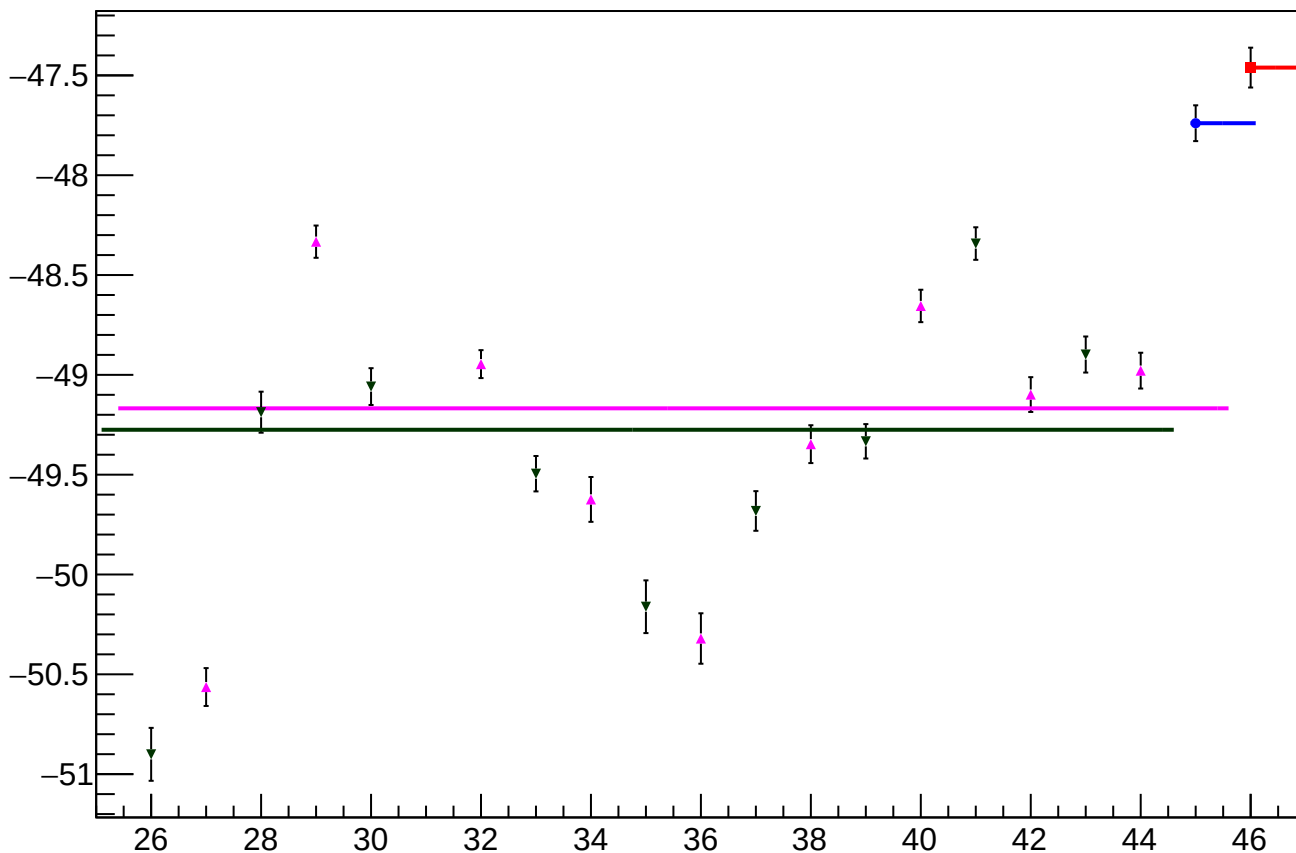
Right Out: -1.781+/-0.486 χ^2/NDF : 0.0/0

Left In: 1.222+/-0.126 χ^2/NDF : 480.3/8

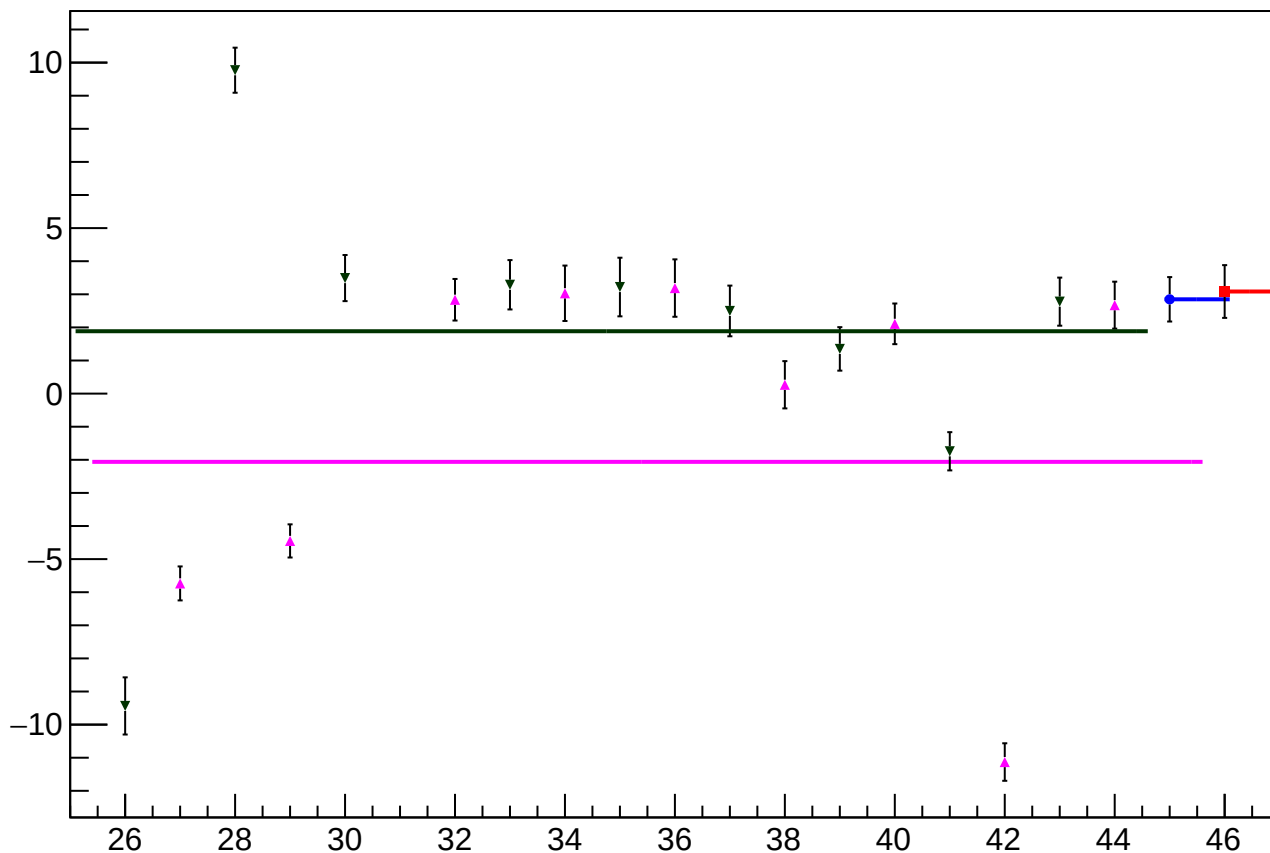
-0.959+/-0.135 χ^2/NDF : 304.5/9

1.031+/-0.122 χ^2/NDF : 516.0/9

reg_asym_us_dd_diff_bpm4eX_slope vs slug



reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 2.849+/-0.671 χ^2/NDF : 0.0/0

Left Out: 1.884+/-0.239 χ^2/NDF : 359.4/8

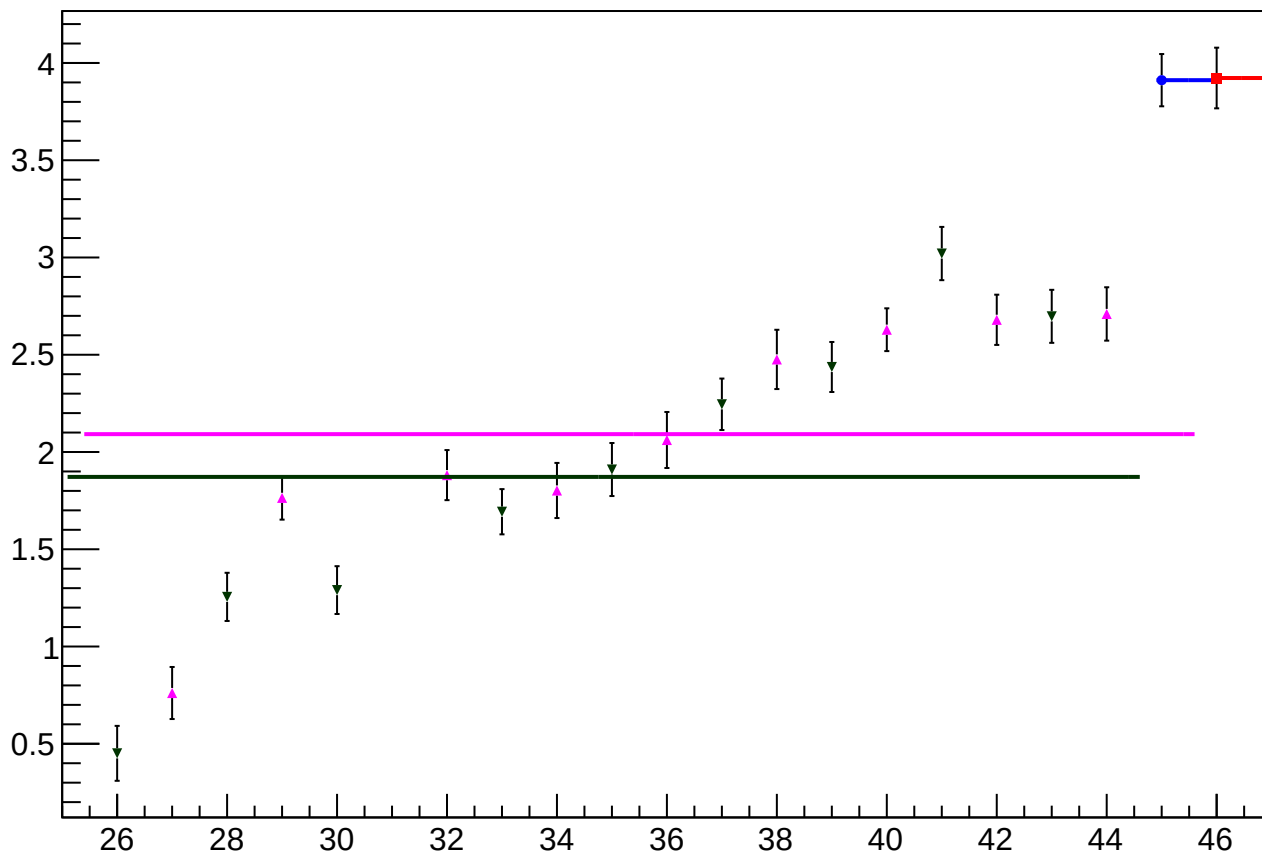
Right Out: 3.085+/-0.797 χ^2/NDF : 0.0/0

Left In: -2.062+/-0.209 χ^2/NDF : 565.9/8

1.993+/-0.225 χ^2/NDF : 361.3/9

-1.729+/-0.203 χ^2/NDF : 604.9/9

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 3.912 $\pm$ 0.134 χ^2 /NDF: 0.0/0

Left Out: 1.872 $\pm$ 0.043 χ^2 /NDF:285.3/8

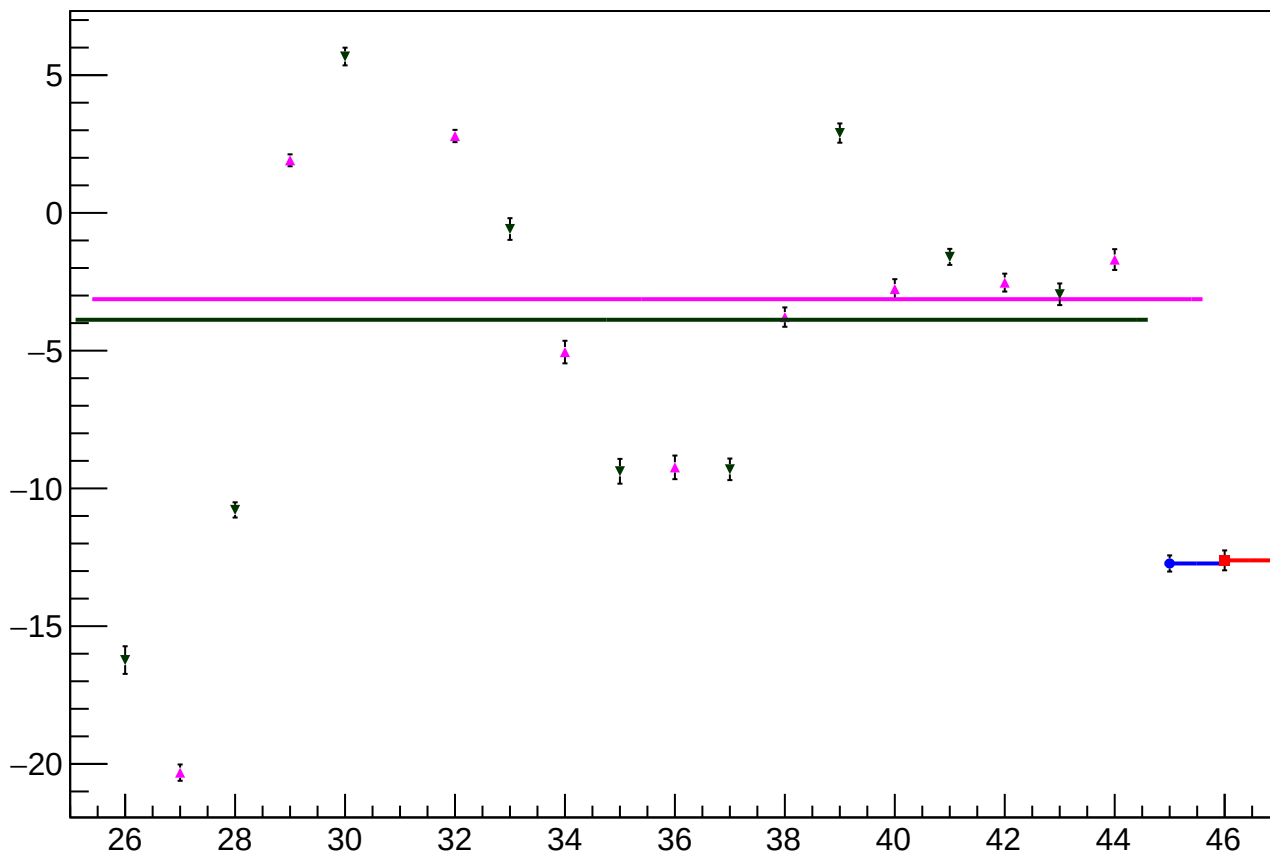
Right Out: 3.923 $\pm$ 0.156 χ^2 /NDF: 0.0/0

Left In: 2.092 $\pm$ 0.043 χ^2 /NDF:185.6/8

2.064 $\pm$ 0.041 χ^2 /NDF: 494.2/9

2.223 $\pm$ 0.042 χ^2 /NDF: 313.5/9

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -12.724 $\pm$ 0.294 χ^2 /NDF: 0.0/0

Left Out: -3.879 $\pm$ 0.119 χ^2 /NDF: 2969.1/8

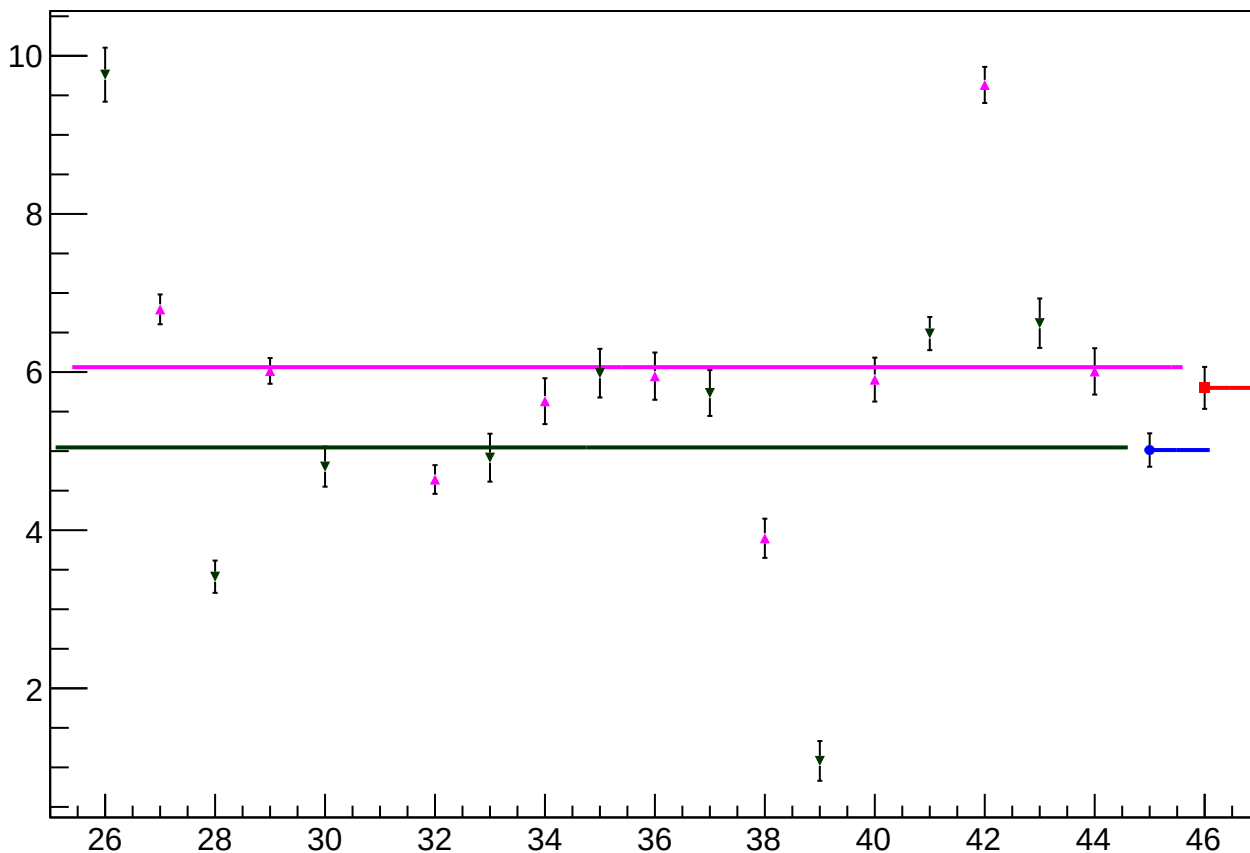
-5.118 $\pm$ 0.110 χ^2 /NDF: 3749.5/9

Right Out: -12.612 $\pm$ 0.361 χ^2 /NDF: 0.0/0

-3.829 $\pm$ 0.098 χ^2 /NDF: 5496.8/9

Left In: -3.132 $\pm$ 0.102 χ^2 /NDF: 4858.7/8

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.014 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left Out: 5.047 $\pm$ 0.088 χ^2 /NDF: 592.2/8

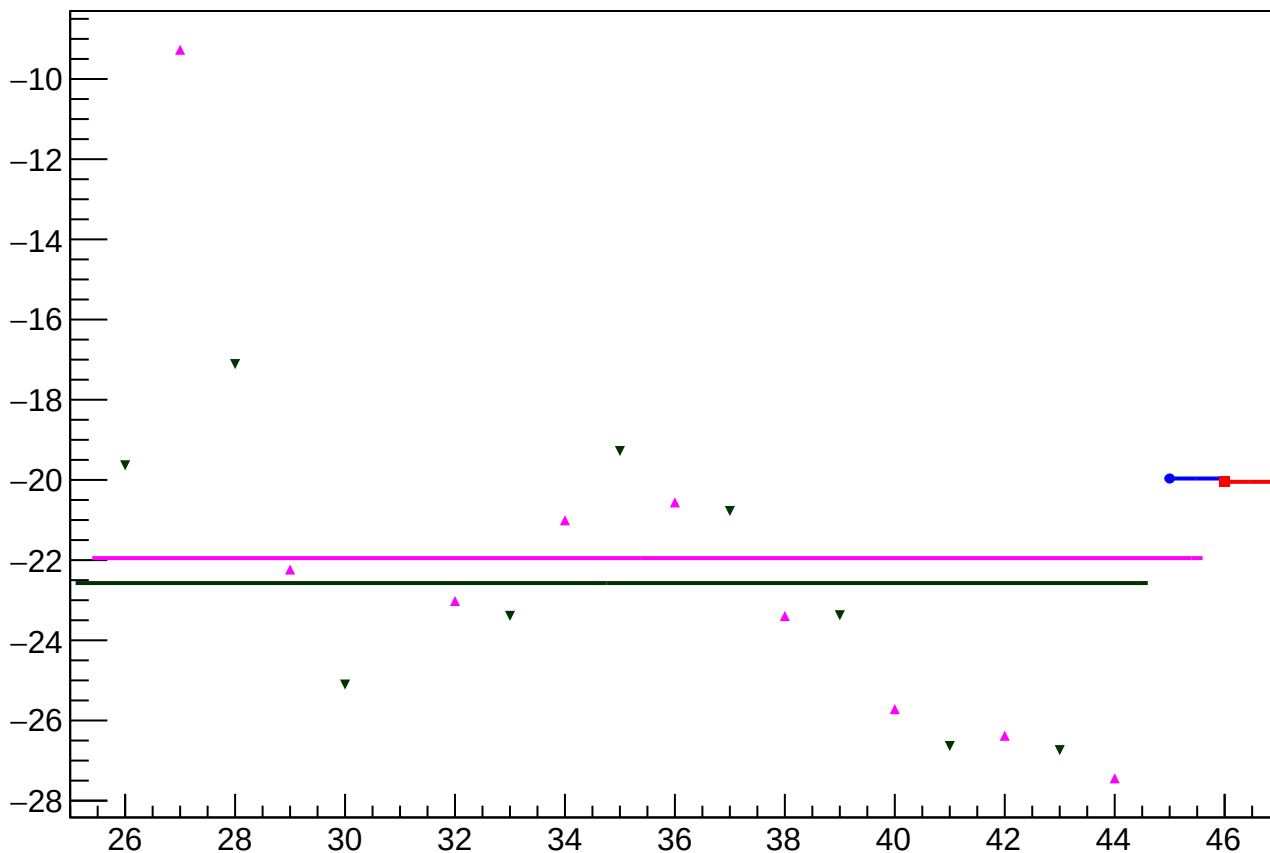
Right Out: 5.800 $\pm$ 0.265 χ^2 /NDF: 0.0/0

Left In: 6.062 $\pm$ 0.075 χ^2 /NDF: 400.5/8

5.042 $\pm$ 0.081 χ^2 /NDF: 592.2/9

6.043 $\pm$ 0.072 χ^2 /NDF: 401.4/9

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -19.965 $\pm$ 0.047 χ^2 /NDF: 0.0/0

Left Out: -22.572 $\pm$ 0.020 χ^2 /NDF:29848.4/8

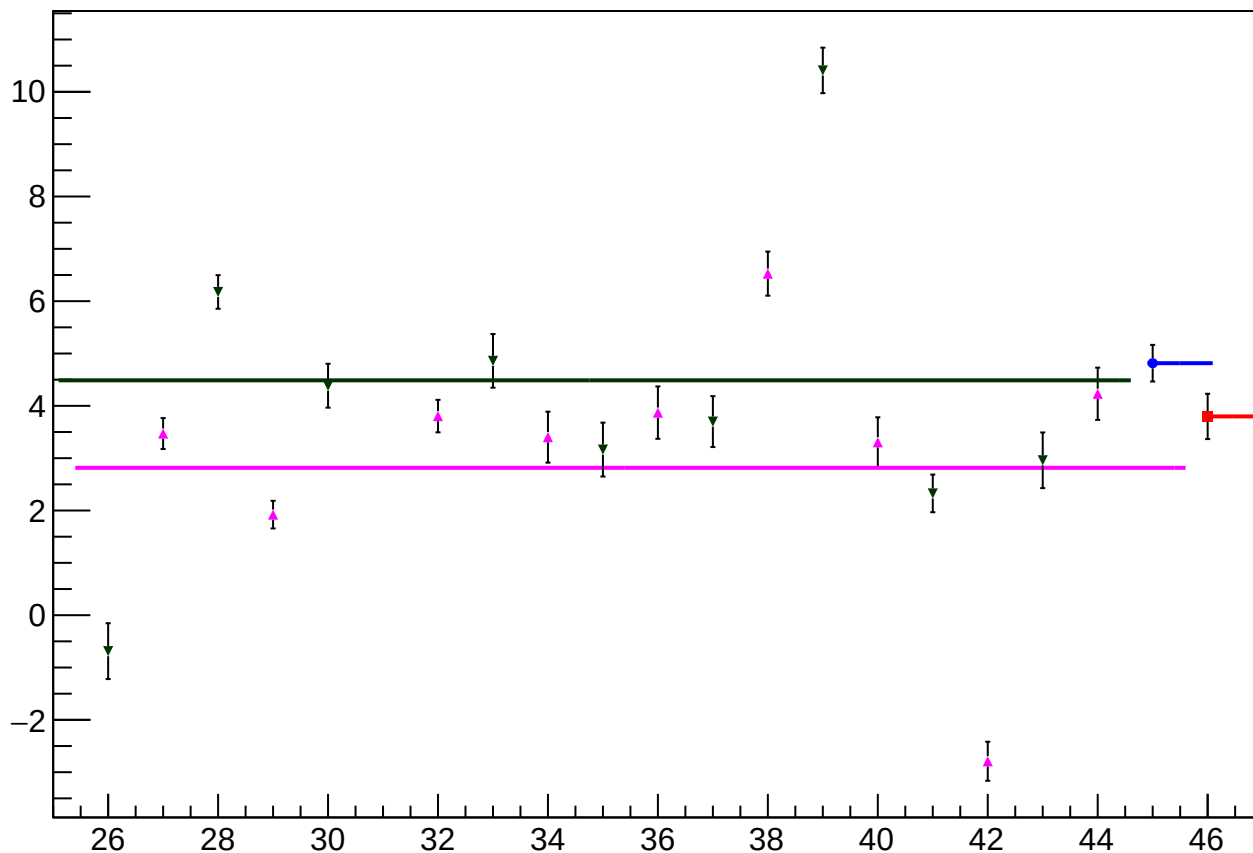
-22.176 $\pm$ 0.018 χ^2 /NDF: 32469.8/9

Right Out: -20.048 $\pm$ 0.055 χ^2 /NDF: 0.0/0

-21.775 $\pm$ 0.017 χ^2 /NDF: 79962.6/9

Left In: -21.949 $\pm$ 0.017 χ^2 /NDF:78862.5/8

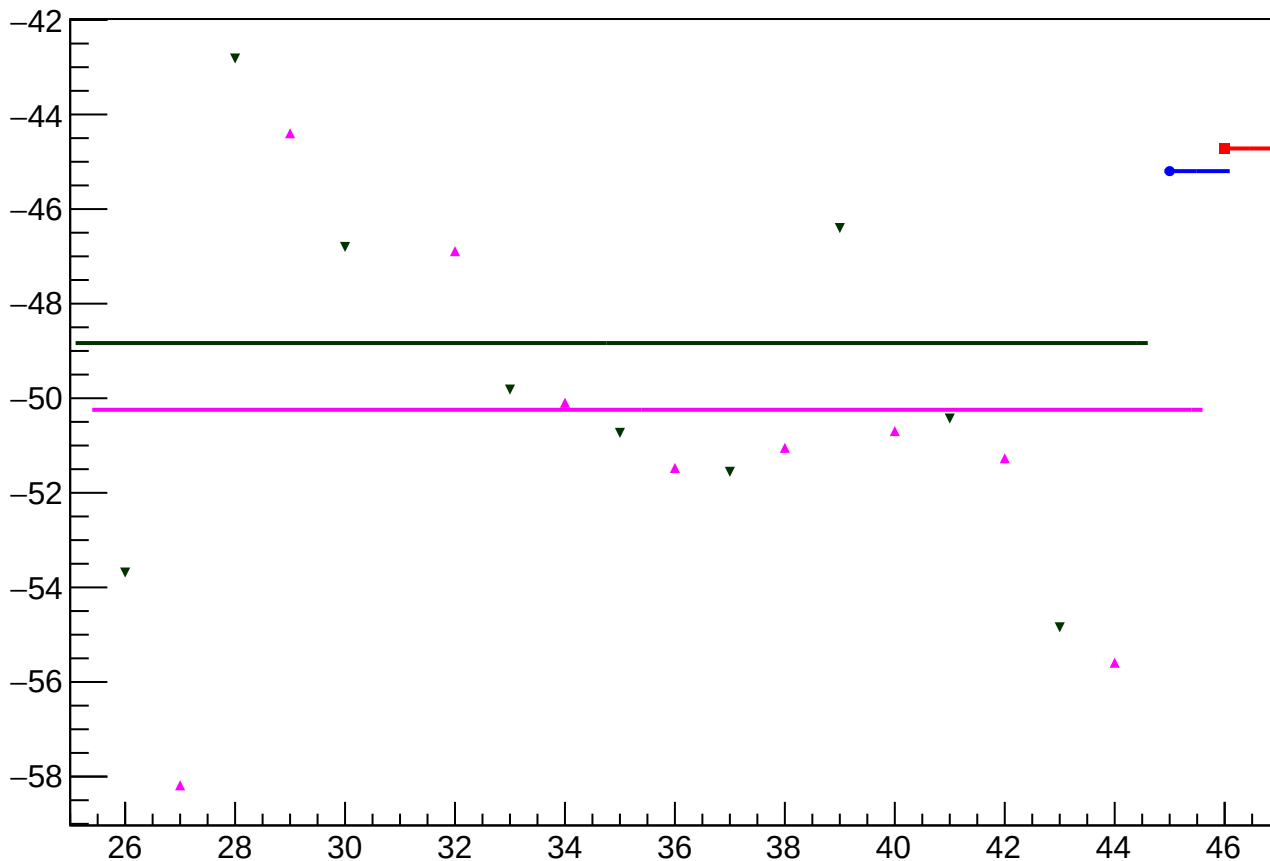
reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.815 $\pm$ 0.350 χ^2 /NDF: 0.0/0
 Left Out: 4.488 $\pm$ 0.145 χ^2 /NDF:361.4/8
 Right Out: 3.798 $\pm$ 0.433 χ^2 /NDF: 0.0/0
 Left In: 2.816 $\pm$ 0.123 χ^2 /NDF:345.0/8

4.536 $\pm$ 0.134 χ^2 /NDF: 362.2/9
 2.890 $\pm$ 0.119 χ^2 /NDF: 349.8/9

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -45.198 ± 0.070 χ^2/NDF : 0.0/0

Left Out: -48.833 ± 0.027 χ^2/NDF : 20149.2/8

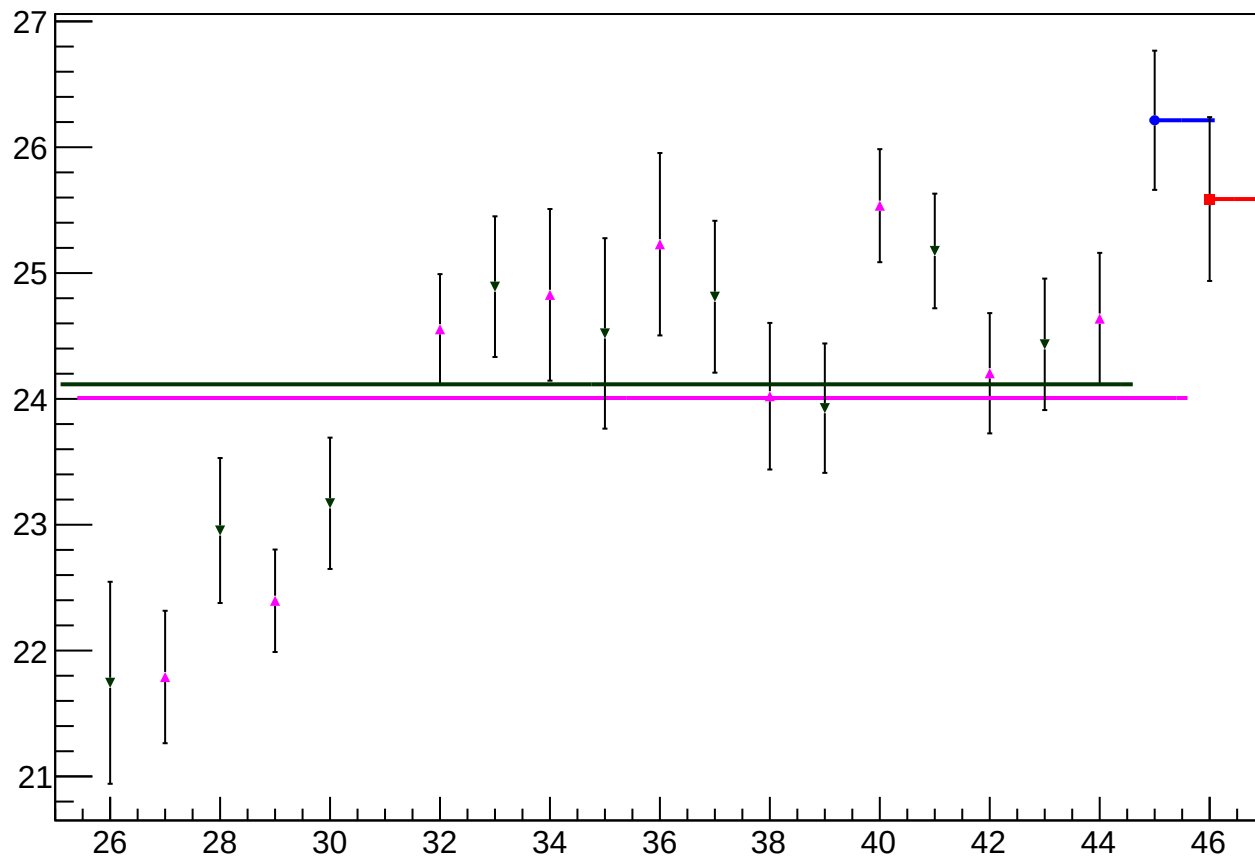
-48.369 ± 0.025 χ^2/NDF : 22491.3/9

Right Out: -44.718 ± 0.085 χ^2/NDF : 0.0/0

-49.775 ± 0.025 χ^2/NDF : 31108.1/9

Left In: -50.244 ± 0.026 χ^2/NDF : 27249.9/8

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 26.214 $\pm$ 0.553 χ^2 /NDF: 0.0/0

Left Out: 24.116 $\pm$ 0.188 χ^2 /NDF:25.5/8

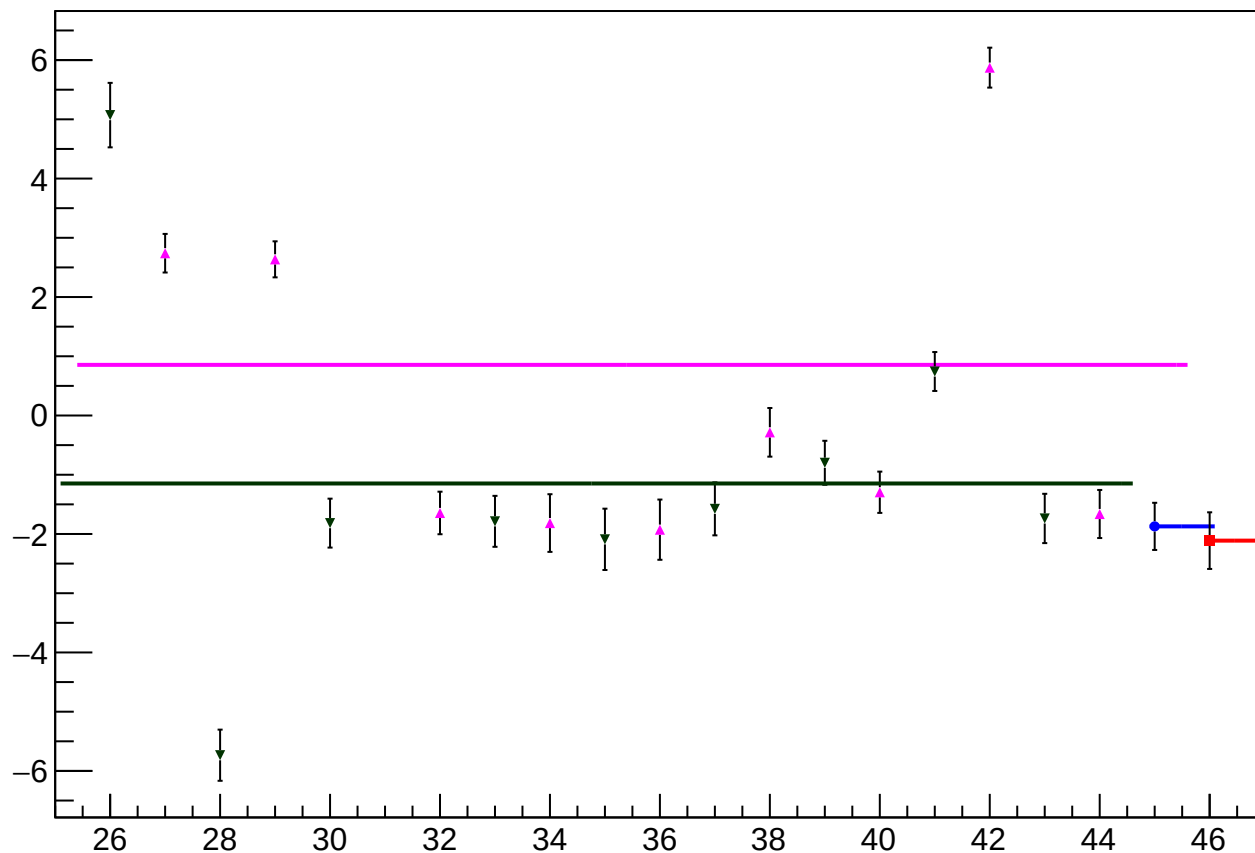
Right Out: 25.588 $\pm$ 0.651 χ^2 /NDF: 0.0/0

Left In: 24.007 $\pm$ 0.169 χ^2 /NDF:52.5/8

24.334 $\pm$ 0.178 χ^2 /NDF: 38.4/9

24.107 $\pm$ 0.164 χ^2 /NDF: 58.0/9

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.872 ± 0.398 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF}: 288.4/8$

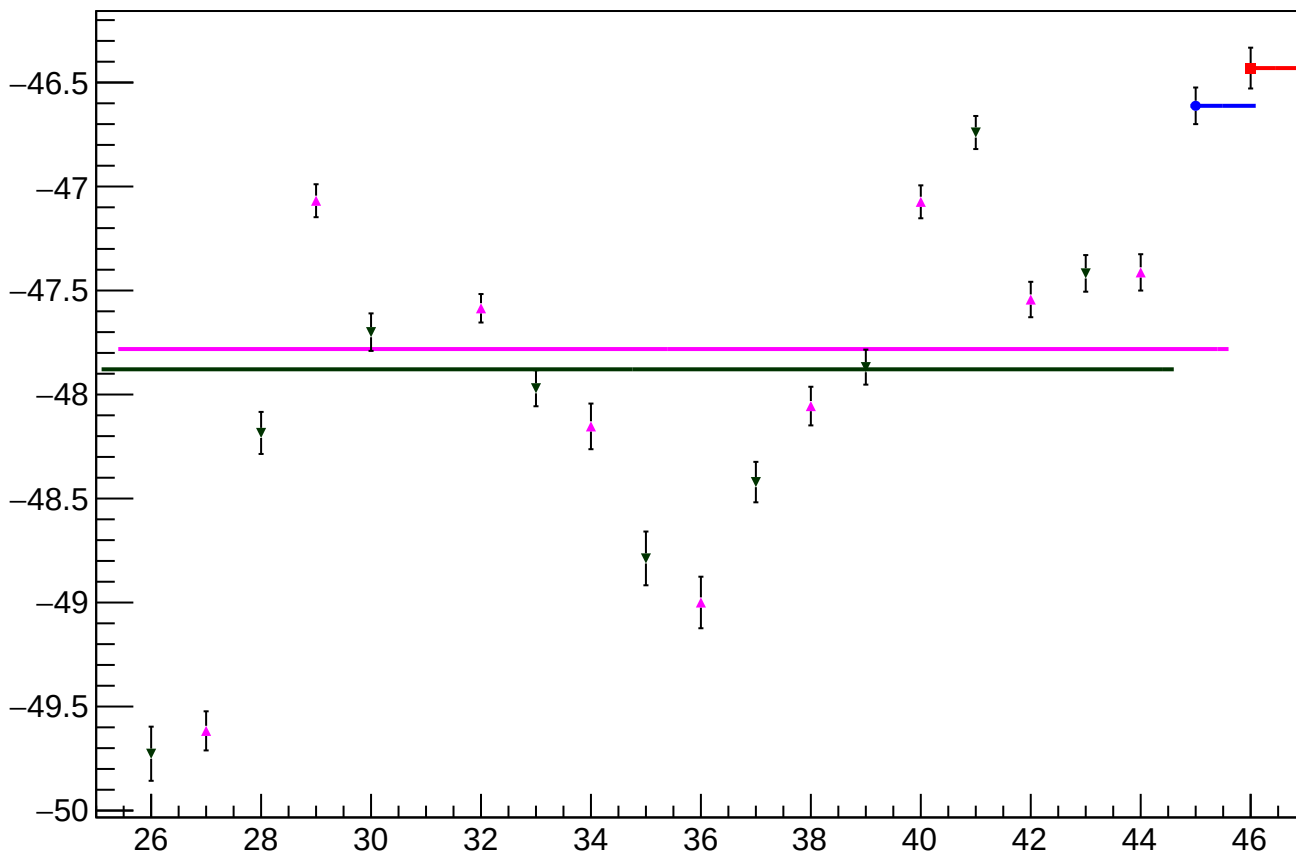
Right Out: -2.112 ± 0.478 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-1.227 ± 0.132 $\chi^2/\text{NDF}: 291.4/9$

0.668 ± 0.120 $\chi^2/\text{NDF}: 518.2/9$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -46.612 $\pm$ 0.088 χ^2 /NDF: 0.0/0

Left Out: -47.879 $\pm$ 0.032 χ^2 /NDF: 529.0/8

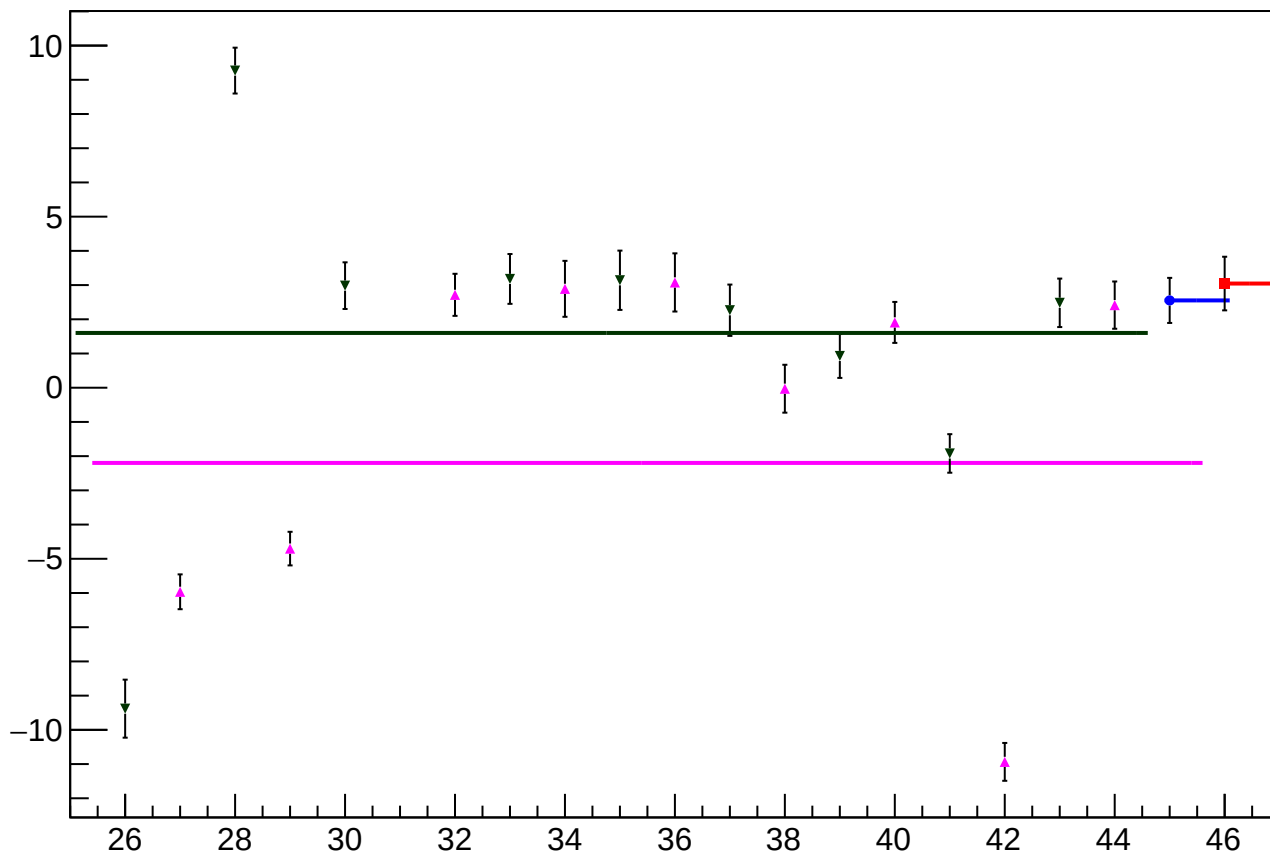
Right Out: -46.431 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left In: -47.781 $\pm$ 0.029 χ^2 /NDF: 692.9/8

-47.735 $\pm$ 0.030 χ^2 /NDF: 712.6/9

-47.672 $\pm$ 0.028 χ^2 /NDF: 867.1/9

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 2.552+/-0.659 χ^2/NDF : 0.0/0

Left Out: 1.601+/-0.233 χ^2/NDF : 353.2/8

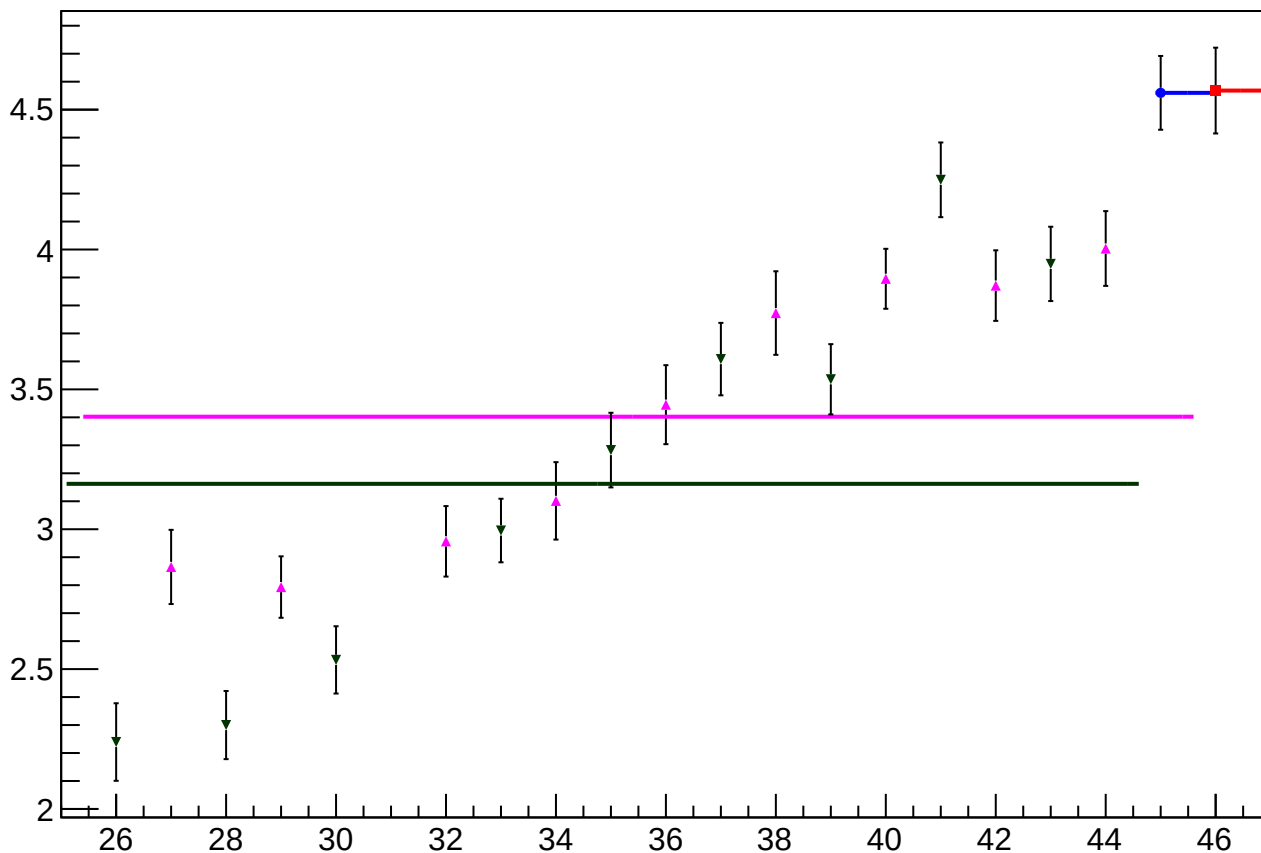
Right Out: 3.045+/-0.784 χ^2/NDF : 0.0/0

Left In: -2.198+/-0.205 χ^2/NDF : 572.6/8

1.707+/-0.220 χ^2/NDF : 355.0/9

-1.861+/-0.199 χ^2/NDF : 614.5/9

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 4.560 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Left Out: 3.162 $\pm$ 0.042 χ^2 /NDF:246.8/8

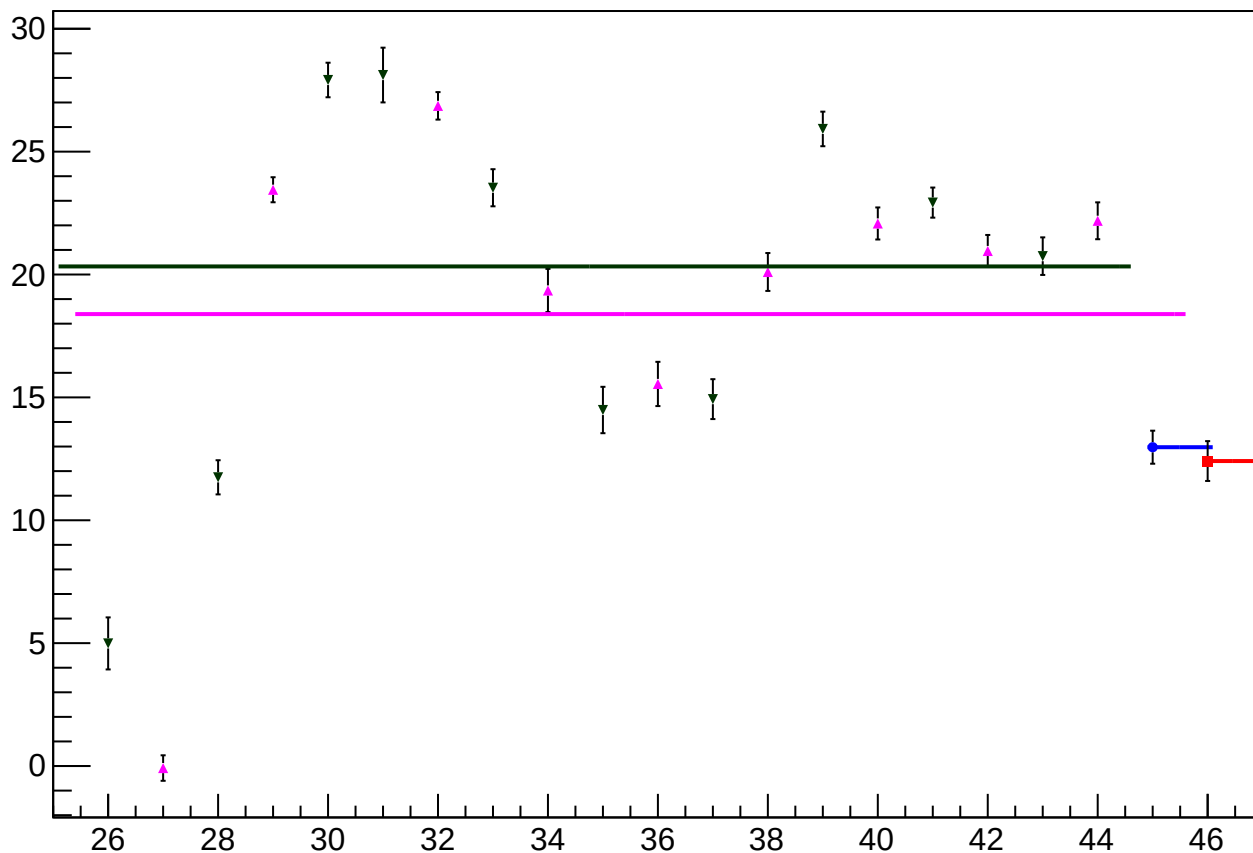
Right Out: 4.568 $\pm$ 0.153 χ^2 /NDF: 0.0/0

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF:125.8/8

3.293 $\pm$ 0.040 χ^2 /NDF: 348.7/9

3.485 $\pm$ 0.041 χ^2 /NDF: 179.5/9

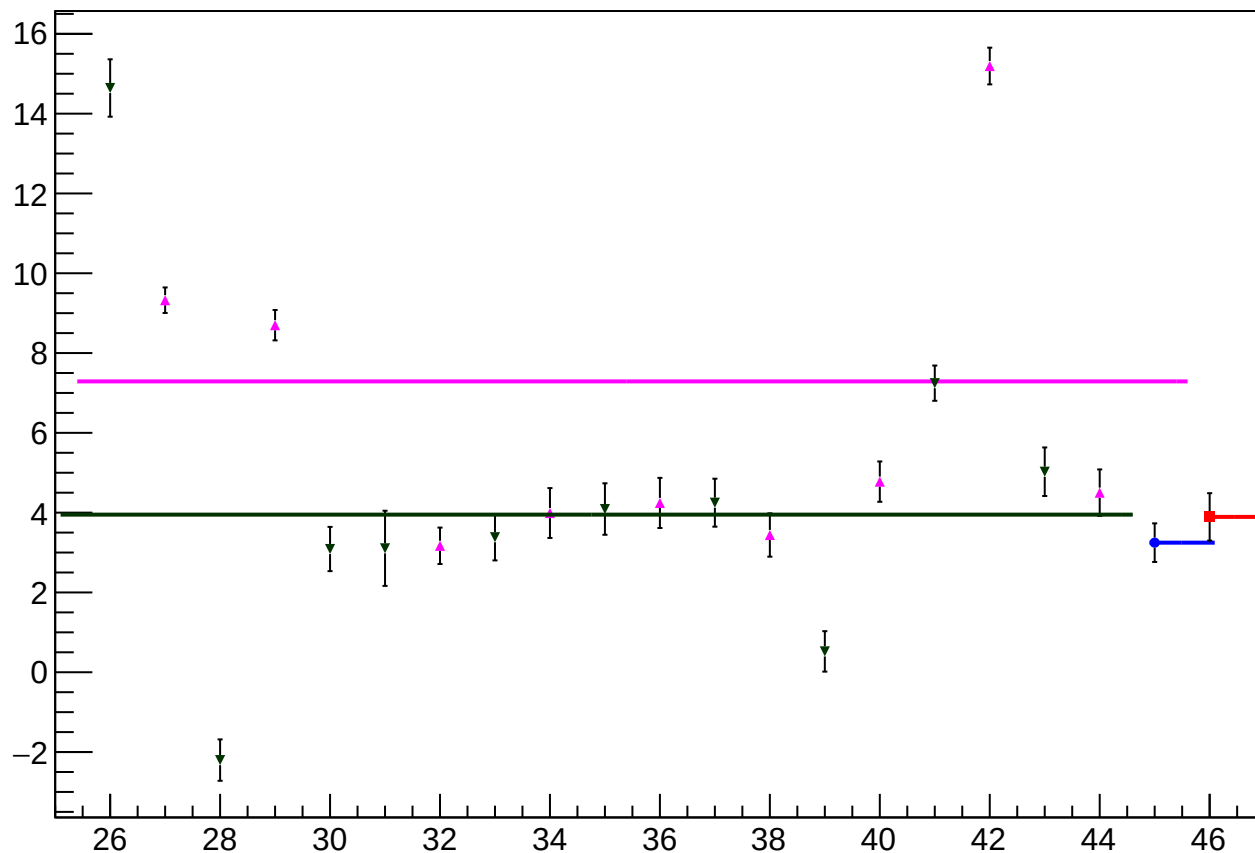
reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 12.973 $\pm$ 0.672 χ^2/NDF : 0.0/0
 Left Out: 20.329 $\pm$ 0.246 χ^2/NDF : 709.7/9
 Right Out: 12.410 $\pm$ 0.810 χ^2/NDF : 0.0/0
 Left In: 18.390 $\pm$ 0.216 χ^2/NDF : 1685.1/8

19.463 $\pm$ 0.231 χ^2/NDF : 815.4/10
 17.994 $\pm$ 0.209 χ^2/NDF : 1735.9/9

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.248 $\pm$ 0.484 χ^2/NDF : 0.0/0

Left Out: 3.950 $\pm$ 0.183 χ^2/NDF : 470.4/9

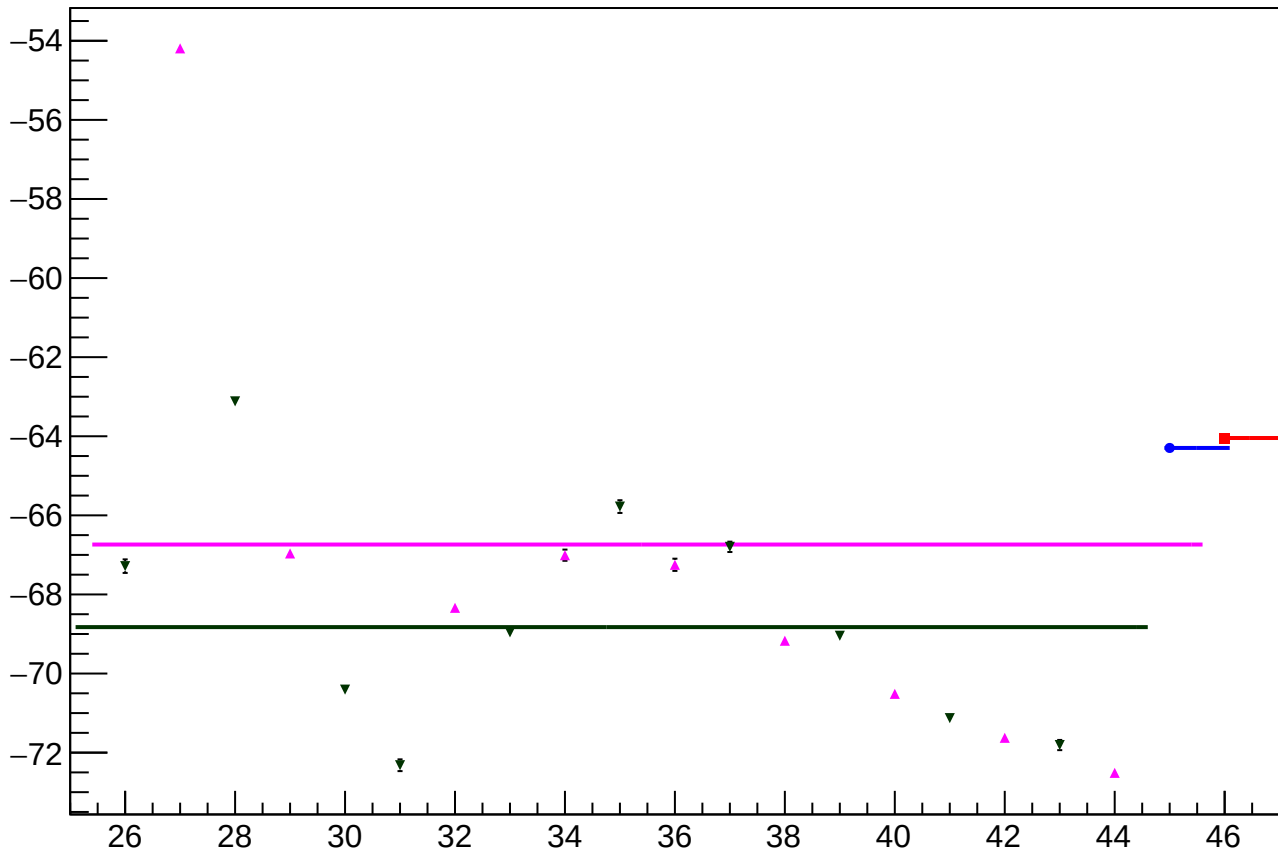
Right Out: 3.893 $\pm$ 0.595 χ^2/NDF : 0.0/0

Left In: 7.289 $\pm$ 0.155 χ^2/NDF : 579.9/8

3.862 $\pm$ 0.171 χ^2/NDF : 472.2/10

7.073 $\pm$ 0.150 χ^2/NDF : 610.5/9

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -64.296±/0.107 χ^2/NDF : 0.0/0

Left Out: -68.826±/0.041 χ^2/NDF : 4587.0/9

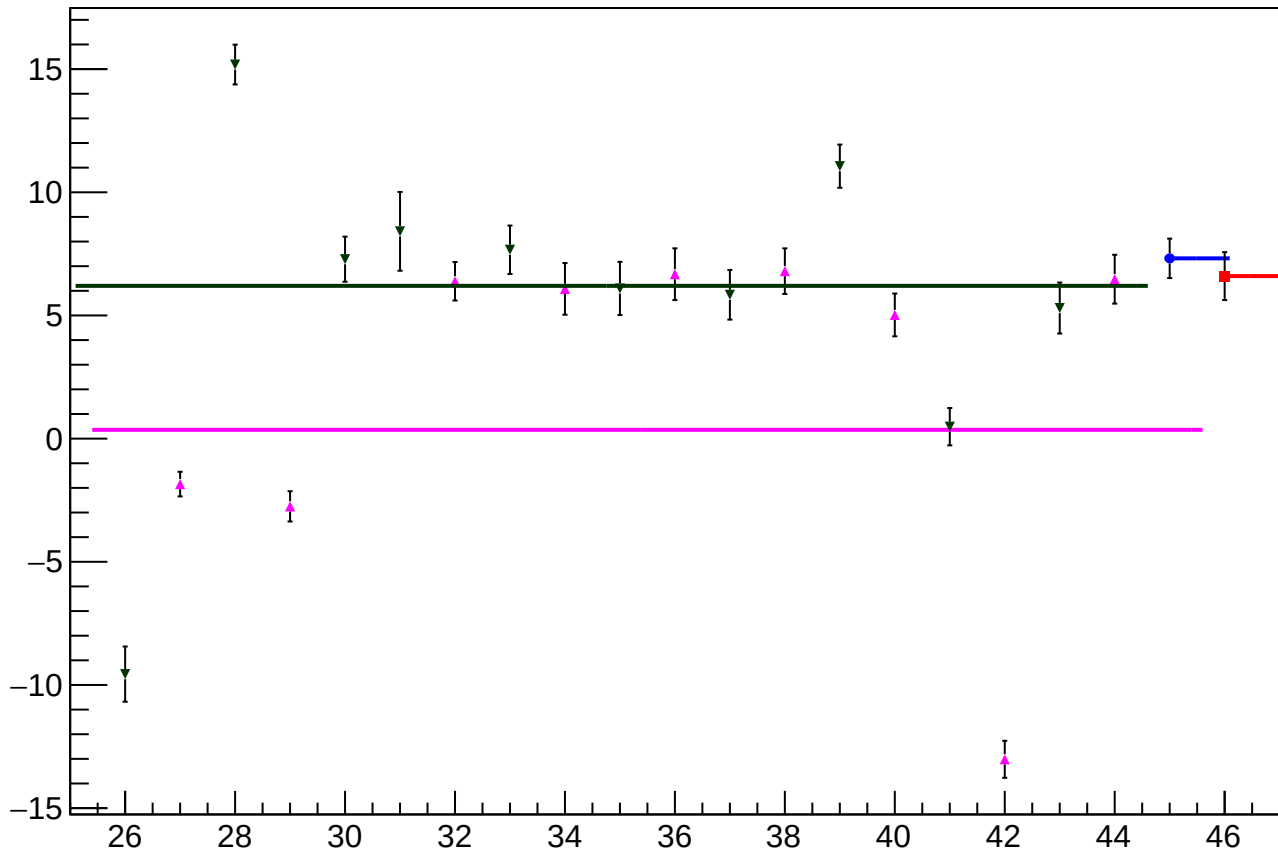
-68.258±/0.038 χ^2/NDF : 6149.7/10

Right Out: -64.044±/0.122 χ^2/NDF : 0.0/0

-66.510±/0.036 χ^2/NDF : 24282.6/9

Left In: -66.738±/0.037 χ^2/NDF : 23839.7/8

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.318 $\pm$ 0.801 χ^2 /NDF: 0.0/0

6.343 $\pm$ 0.285 χ^2 /NDF: 417.1/10

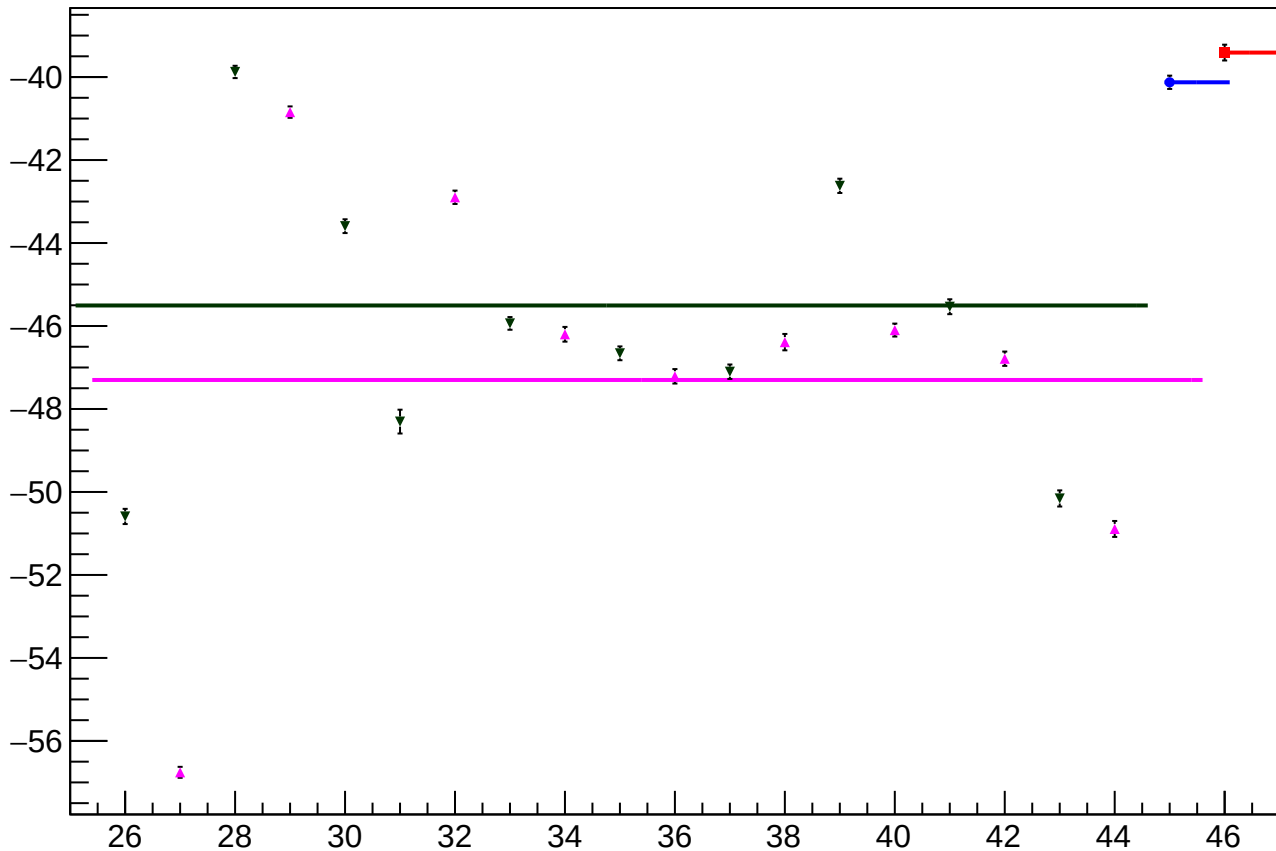
Left Out: 6.202 $\pm$ 0.305 χ^2 /NDF: 415.4/9

0.758 $\pm$ 0.247 χ^2 /NDF: 641.0/9

Right Out: 6.598 $\pm$ 0.972 χ^2 /NDF: 0.0/0

Left In: 0.357 $\pm$ 0.255 χ^2 /NDF: 602.5/8

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -40.126 $\pm$ 0.160 χ^2 /NDF: 0.0/0

Left Out: -45.505 $\pm$ 0.055 χ^2 /NDF:3423.9/9

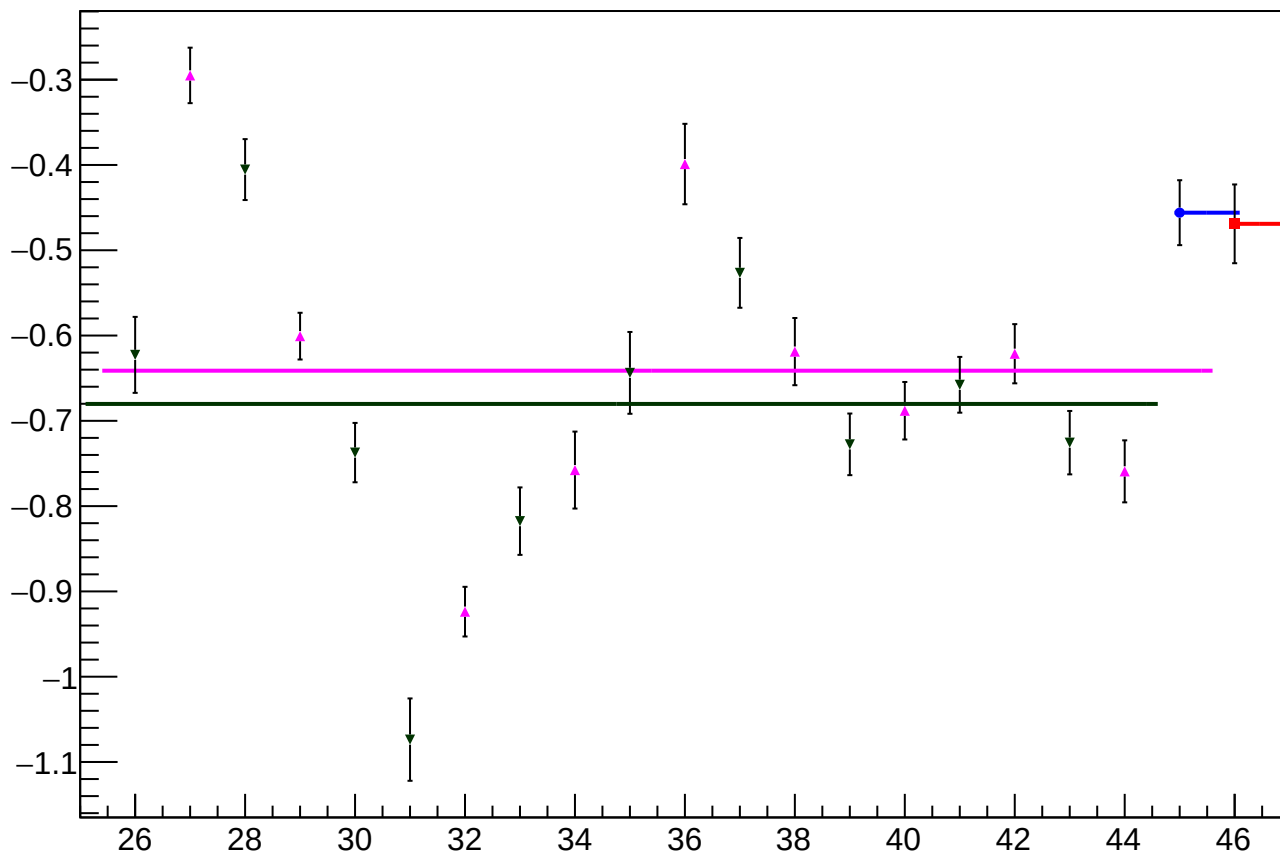
-44.933 $\pm$ 0.052 χ^2 /NDF: 4428.9/10

Right Out: -39.410 $\pm$ 0.191 χ^2 /NDF: 0.0/0

-46.711 $\pm$ 0.052 χ^2 /NDF: 10137.0/9

Left In: -47.301 $\pm$ 0.054 χ^2 /NDF:8552.3/8

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.456 ± 0.038 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.680 ± 0.012 $\chi^2/\text{NDF}: 160.4/9$

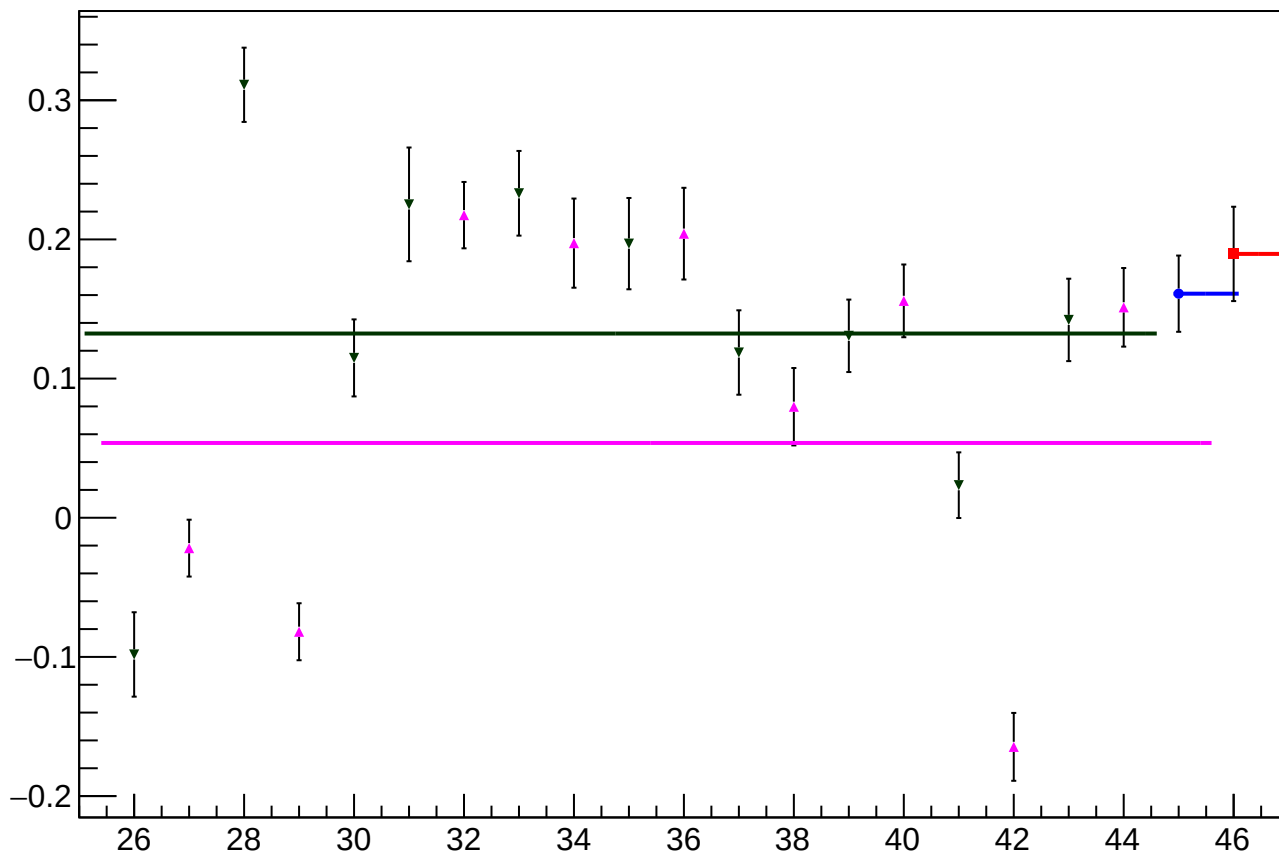
Right Out: -0.469 ± 0.046 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.641 ± 0.012 $\chi^2/\text{NDF}: 255.8/8$

-0.659 ± 0.012 $\chi^2/\text{NDF}: 191.9/10$

-0.631 ± 0.011 $\chi^2/\text{NDF}: 268.9/9$

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.161+/-0.027 χ^2/NDF : 0.0/0

Left Out: 0.132+/-0.009 χ^2/NDF :144.8/9

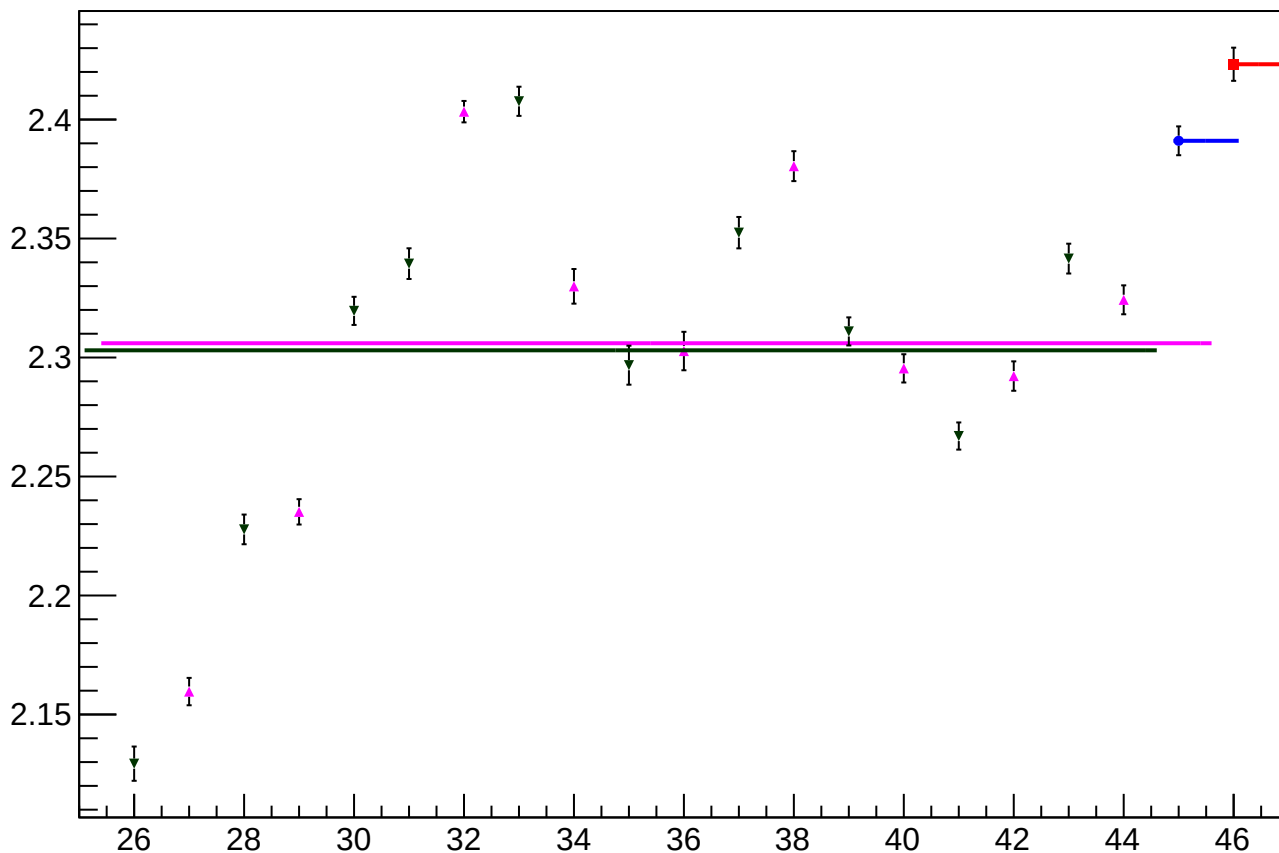
Right Out: 0.190+/-0.034 χ^2/NDF : 0.0/0

Left In: 0.054+/-0.008 χ^2/NDF :253.9/8

0.135+/-0.009 χ^2/NDF : 145.7/10

0.062+/-0.008 χ^2/NDF : 269.0/9

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.391 ± 0.006 χ^2/NDF : 0.0/0

Left Out: 2.303 ± 0.002 χ^2/NDF : 1196.0/9

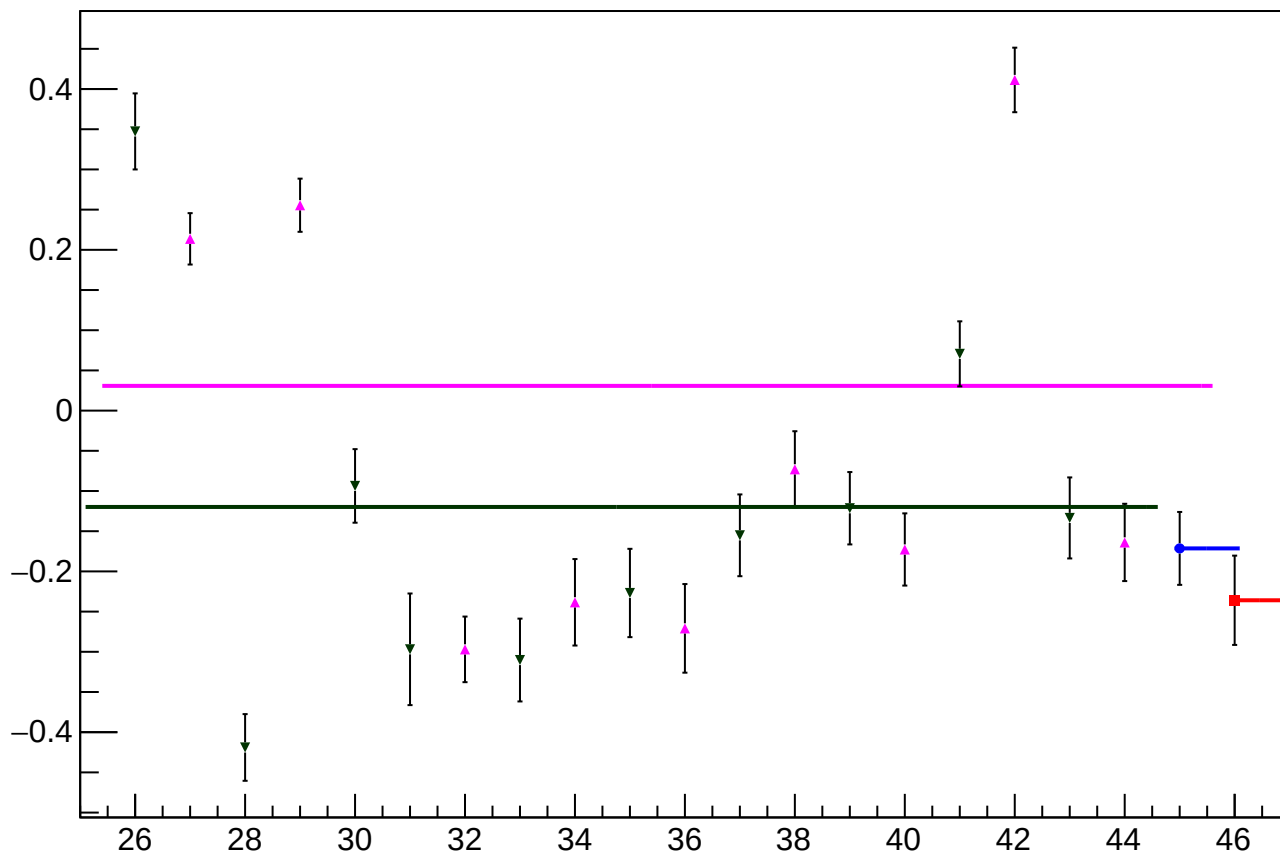
Right Out: 2.423 ± 0.007 χ^2/NDF : 0.0/0

Left In: 2.306 ± 0.002 χ^2/NDF : 1460.1/8

2.312 ± 0.002 χ^2/NDF : 1386.2/10

2.315 ± 0.002 χ^2/NDF : 1722.2/9

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.171 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.120 ± 0.015 $\chi^2/\text{NDF}: 196.6/9$

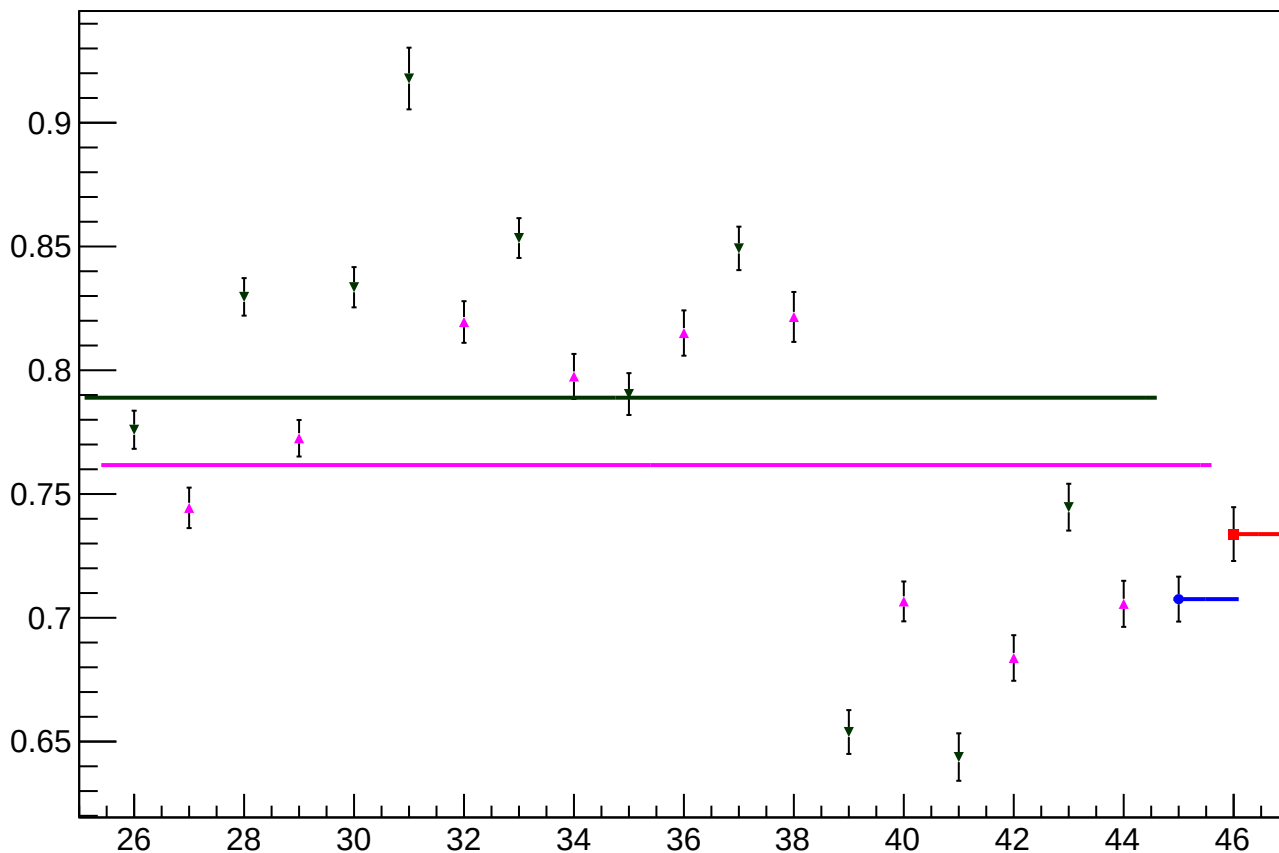
Right Out: -0.236 ± 0.056 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.031 ± 0.014 $\chi^2/\text{NDF}: 330.1/8$

-0.125 ± 0.014 $\chi^2/\text{NDF}: 197.7/10$

0.015 ± 0.013 $\chi^2/\text{NDF}: 351.8/9$

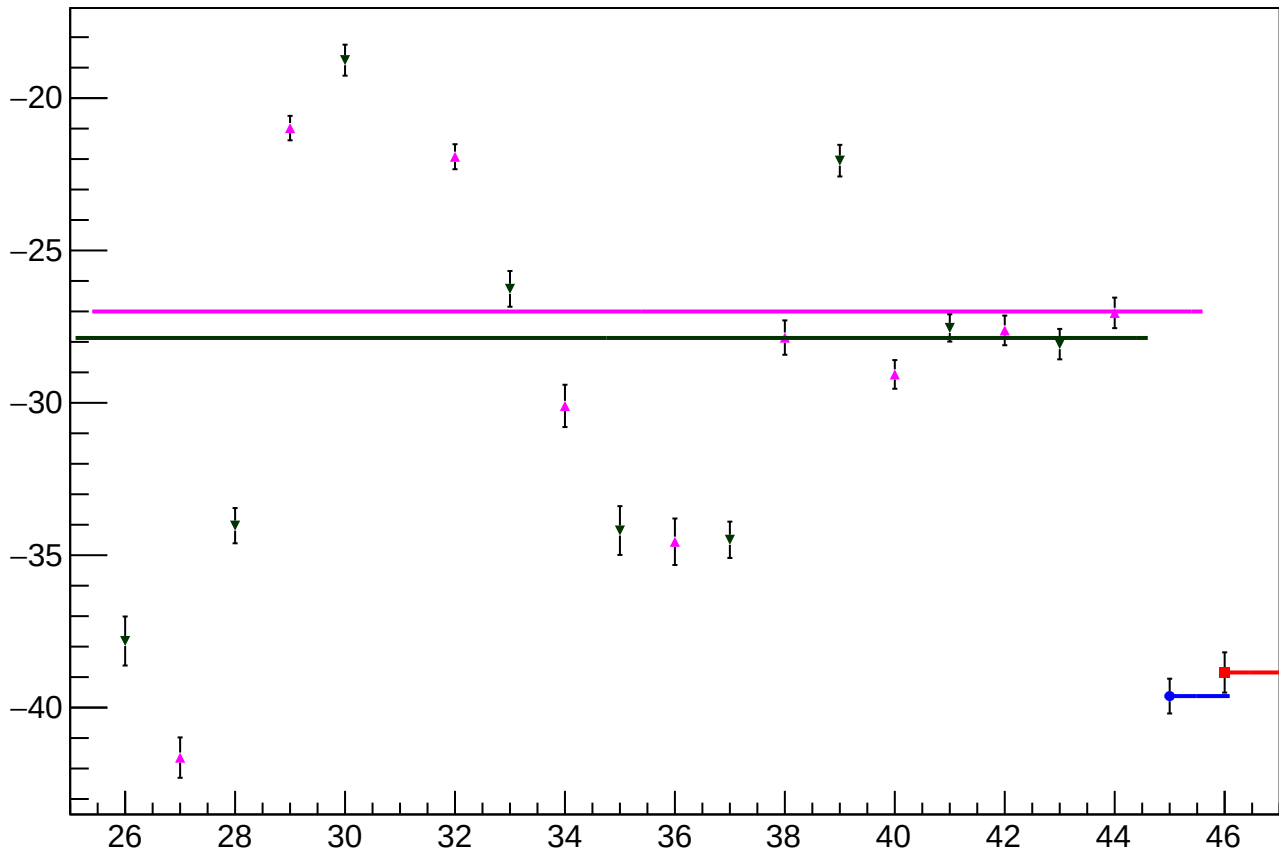
reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.708 $\pm$ 0.009 χ^2/NDF : 0.0/0
 Left Out: 0.789 $\pm$ 0.003 χ^2/NDF : 764.3/9
 Right Out: 0.734 $\pm$ 0.011 χ^2/NDF : 0.0/0
 Left In: 0.762 $\pm$ 0.003 χ^2/NDF : 293.2/8

0.782 $\pm$ 0.003 χ^2/NDF : 837.9/10
 0.760 $\pm$ 0.003 χ^2/NDF : 299.3/9

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -39.623+/-0.571 χ^2/NDF : 0.0/0

Left Out: -27.871+/-0.188 χ^2/NDF : 907.3/8

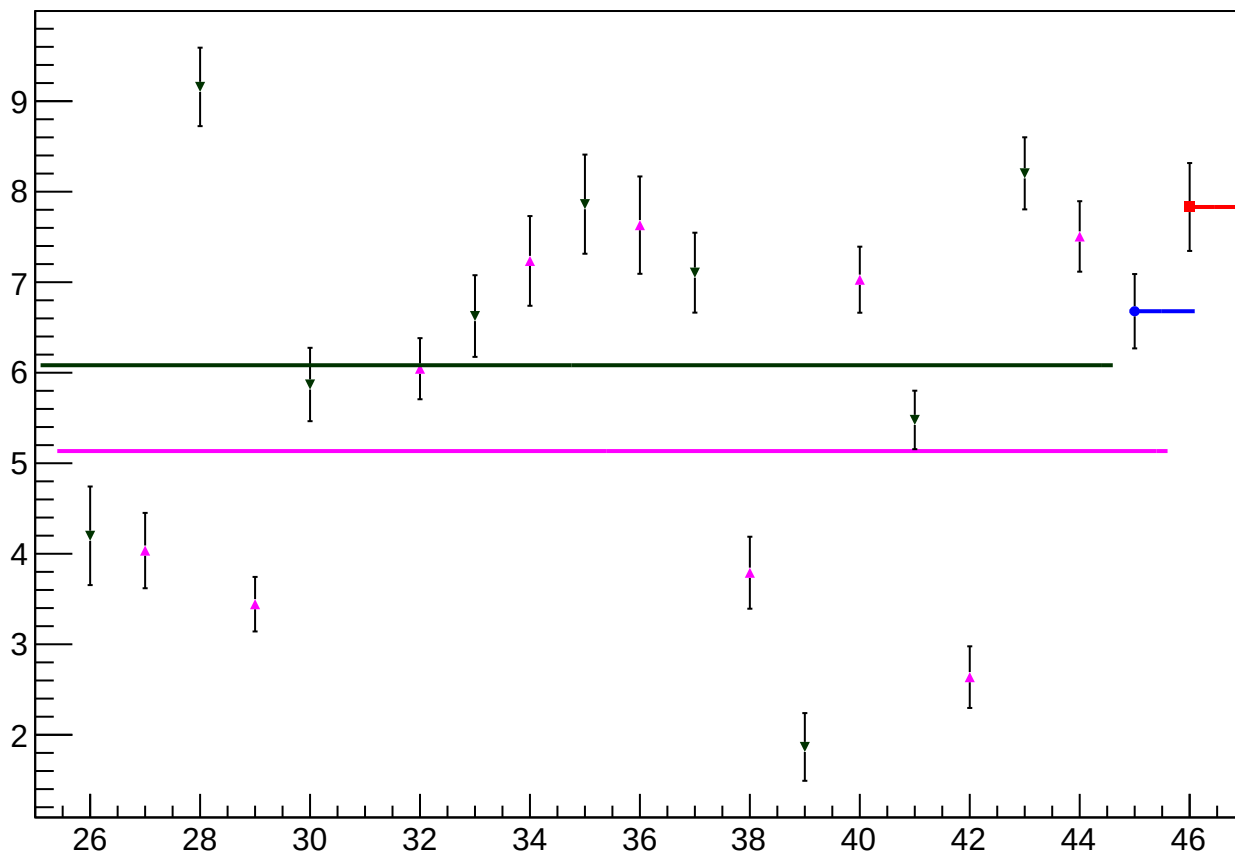
Right Out: -38.848+/-0.661 χ^2/NDF : 0.0/0

Left In: -27.003+/-0.171 χ^2/NDF : 1007.7/8

-29.017+/-0.178 χ^2/NDF : 1289.9/9

-27.749+/-0.166 χ^2/NDF : 1309.1/9

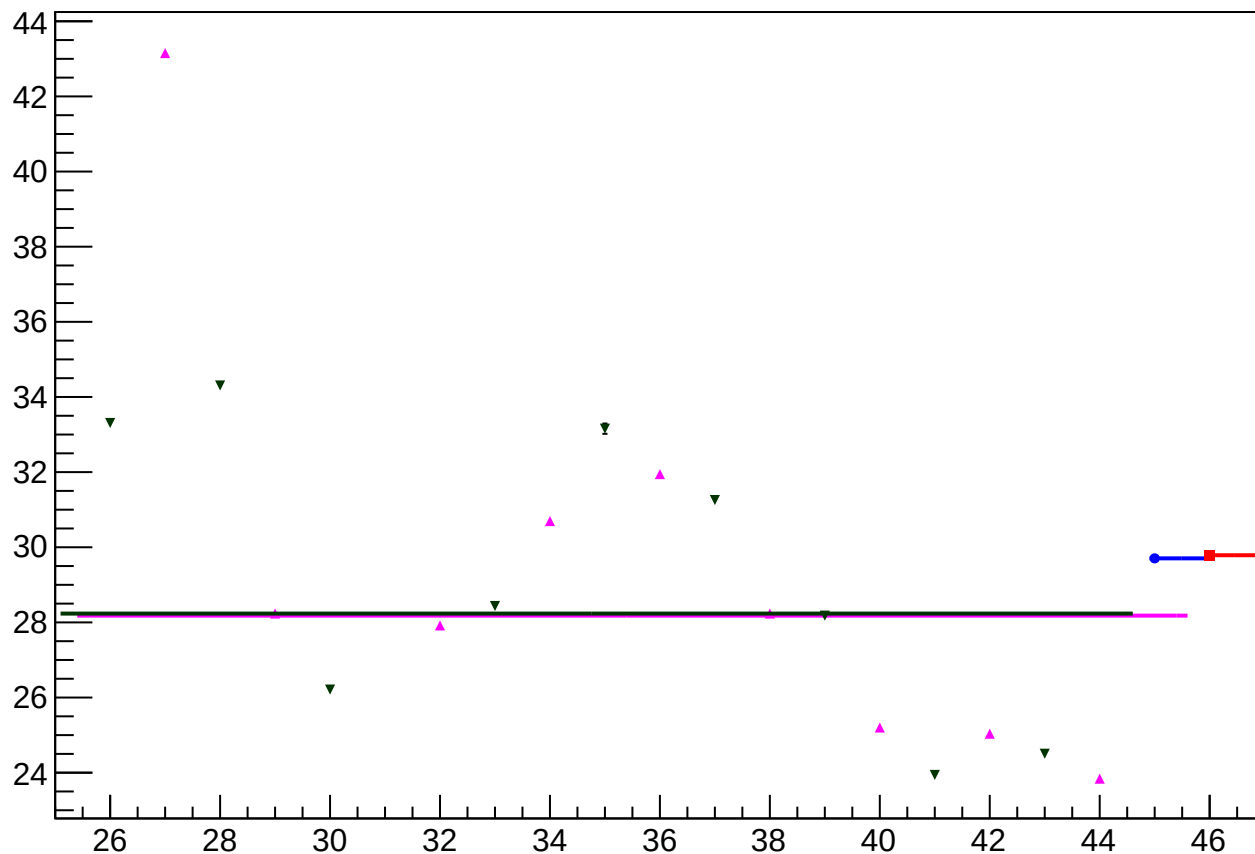
reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.679+/-0.411 χ^2/NDF : 0.0/0
 Left Out: 6.083+/-0.140 χ^2/NDF :238.9/8
 Right Out: 7.831+/-0.486 χ^2/NDF : 0.0/0
 Left In: 5.135+/-0.127 χ^2/NDF :214.5/8

6.145+/-0.132 χ^2/NDF : 240.8/9
 5.307+/-0.123 χ^2/NDF : 243.4/9

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 29.704+/-0.091 χ^2 /NDF: 0.0/0

Left Out: 28.235+/-0.031 χ^2 /NDF:12988.2/8

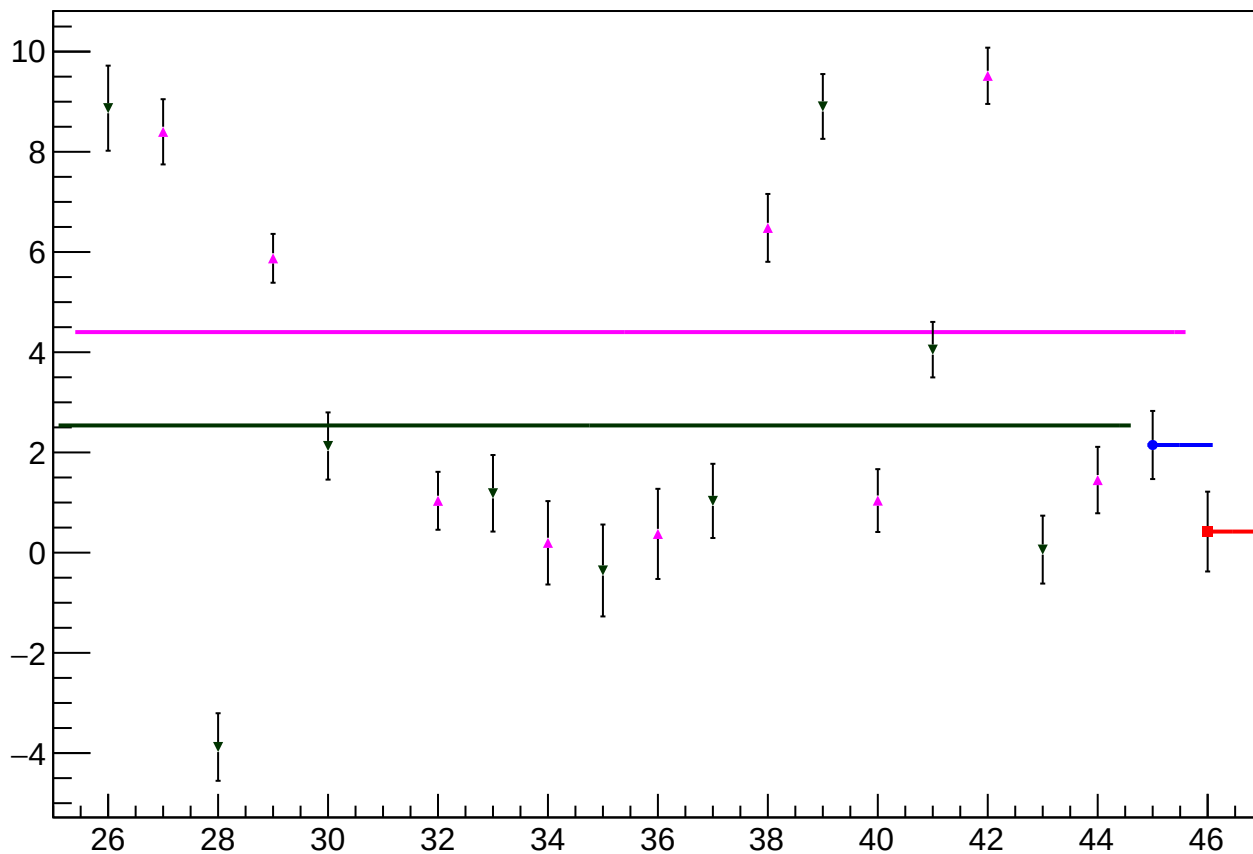
28.391+/-0.030 χ^2 /NDF: 13222.9/9

Right Out: 29.788+/-0.099 χ^2 /NDF: 0.0/0

28.309+/-0.028 χ^2 /NDF: 23247.1/9

Left In: 28.180+/-0.029 χ^2 /NDF:23006.5/8

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 2.149 $\pm$ 0.680 χ^2 /NDF: 0.0/0

Left Out: 2.539 $\pm$ 0.233 χ^2 /NDF:281.6/8

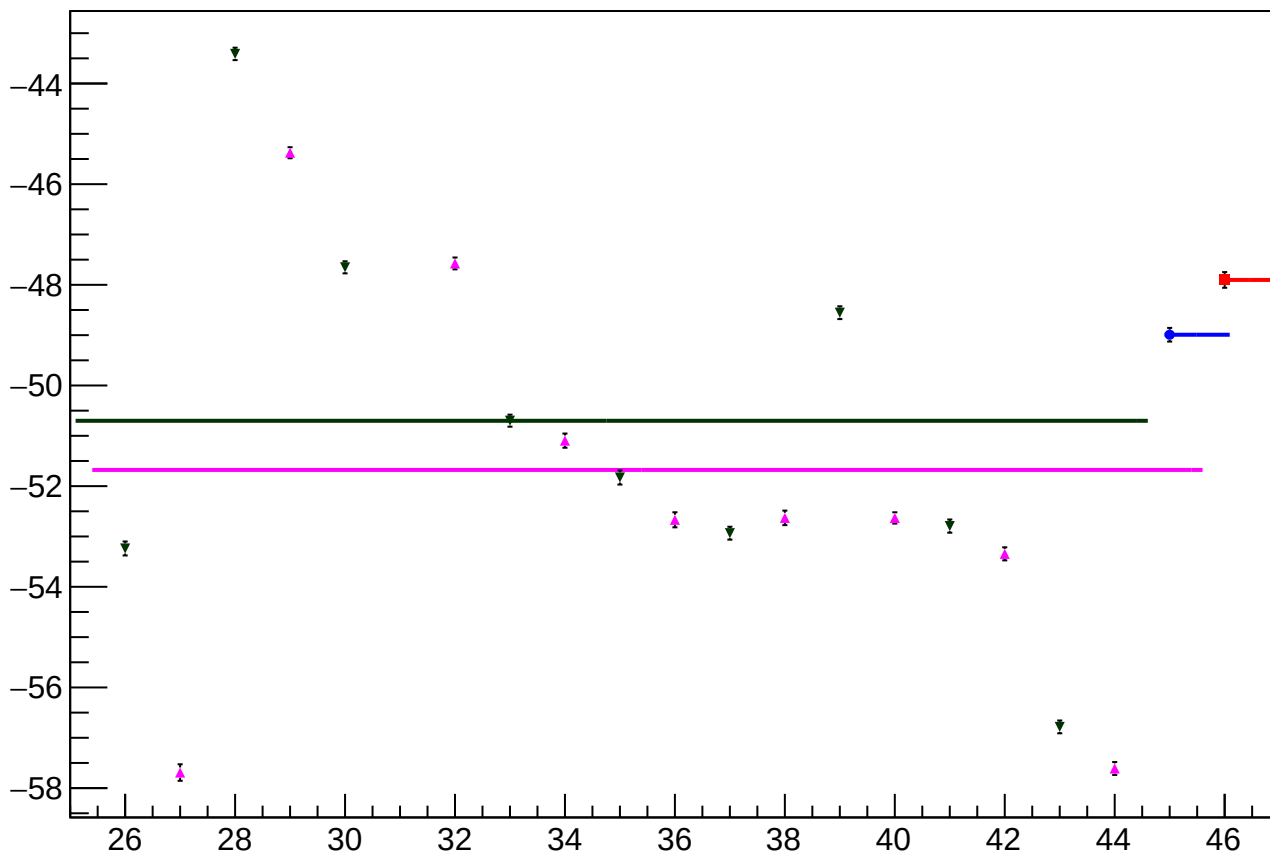
Right Out: 0.421 $\pm$ 0.797 χ^2 /NDF: 0.0/0

Left In: 4.402 $\pm$ 0.211 χ^2 /NDF:267.4/8

2.498 $\pm$ 0.221 χ^2 /NDF: 281.9/9

4.140 $\pm$ 0.204 χ^2 /NDF: 290.7/9

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -48.992 ± 0.136 χ^2/NDF : 0.0/0

Left Out: -50.702 ± 0.043 χ^2/NDF : 7639.1/8

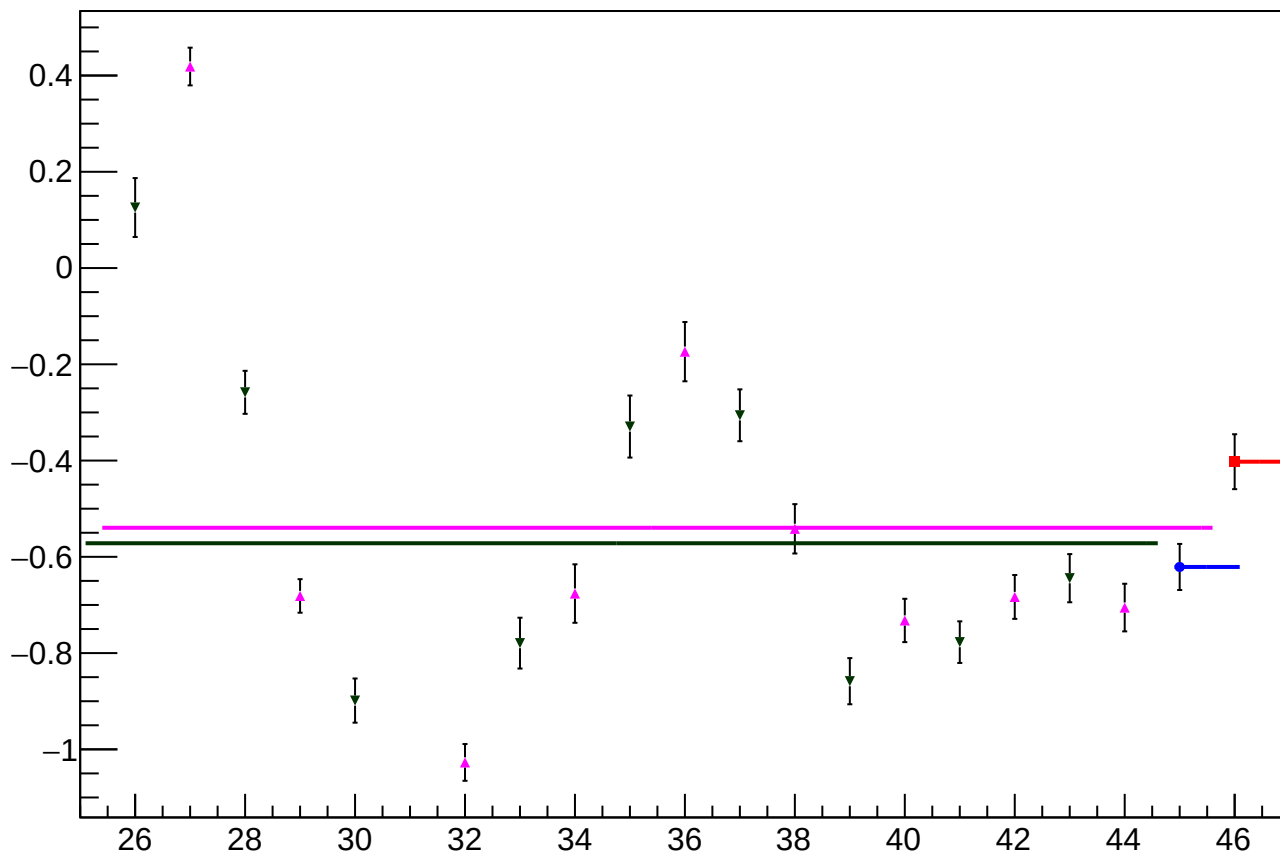
-50.548 ± 0.041 χ^2/NDF : 7783.0/9

Right Out: -47.903 ± 0.156 χ^2/NDF : 0.0/0

-51.407 ± 0.042 χ^2/NDF : 8856.6/9

Left In: -51.678 ± 0.043 χ^2/NDF : 8312.3/8

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.621 ± 0.048 χ^2/NDF : 0.0/0

Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

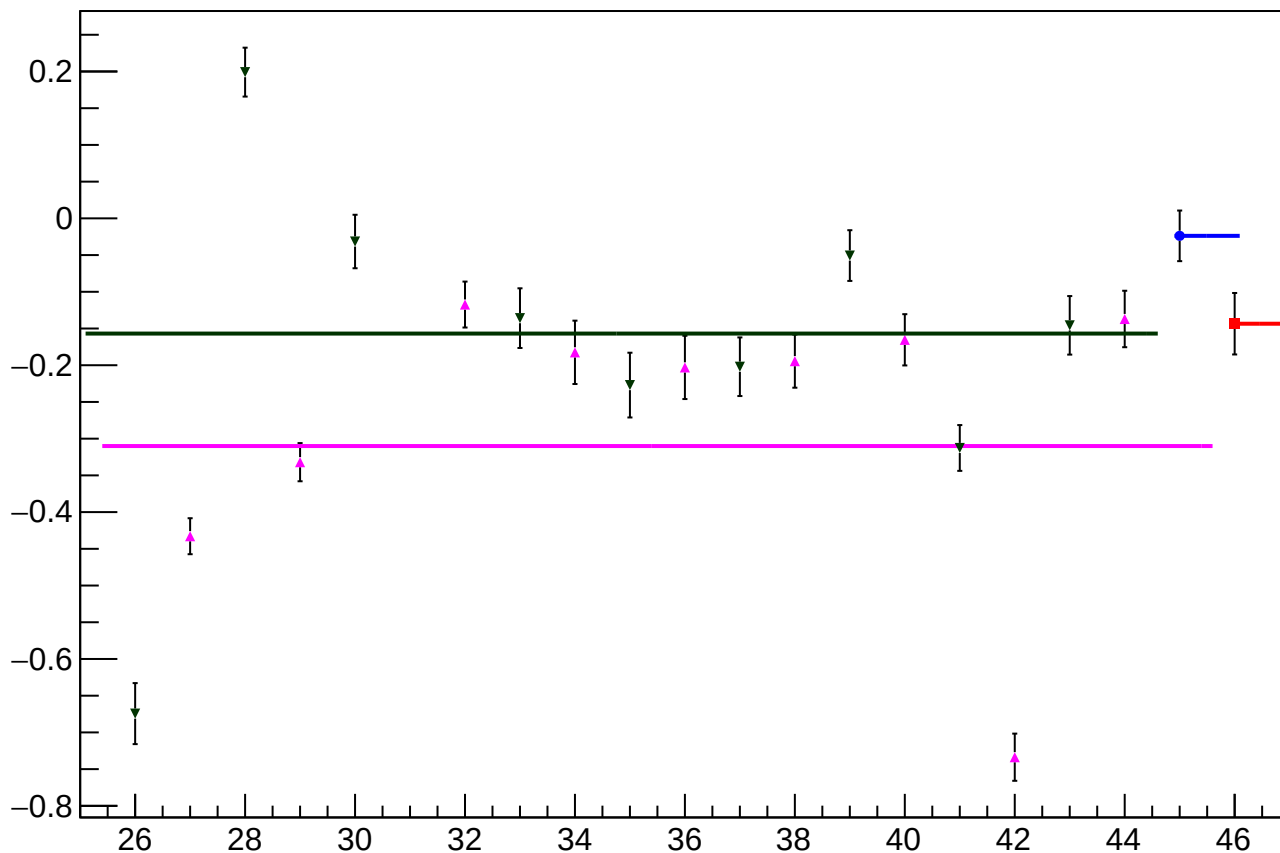
Right Out: -0.402 ± 0.057 χ^2/NDF : 0.0/0

Left In: -0.540 ± 0.015 χ^2/NDF : 857.8/8

-0.577 ± 0.016 χ^2/NDF : 345.2/9

-0.531 ± 0.014 χ^2/NDF : 863.2/9

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.024+/-0.034 χ^2 /NDF: 0.0/0

Left Out: -0.157+/-0.012 χ^2 /NDF:319.9/8

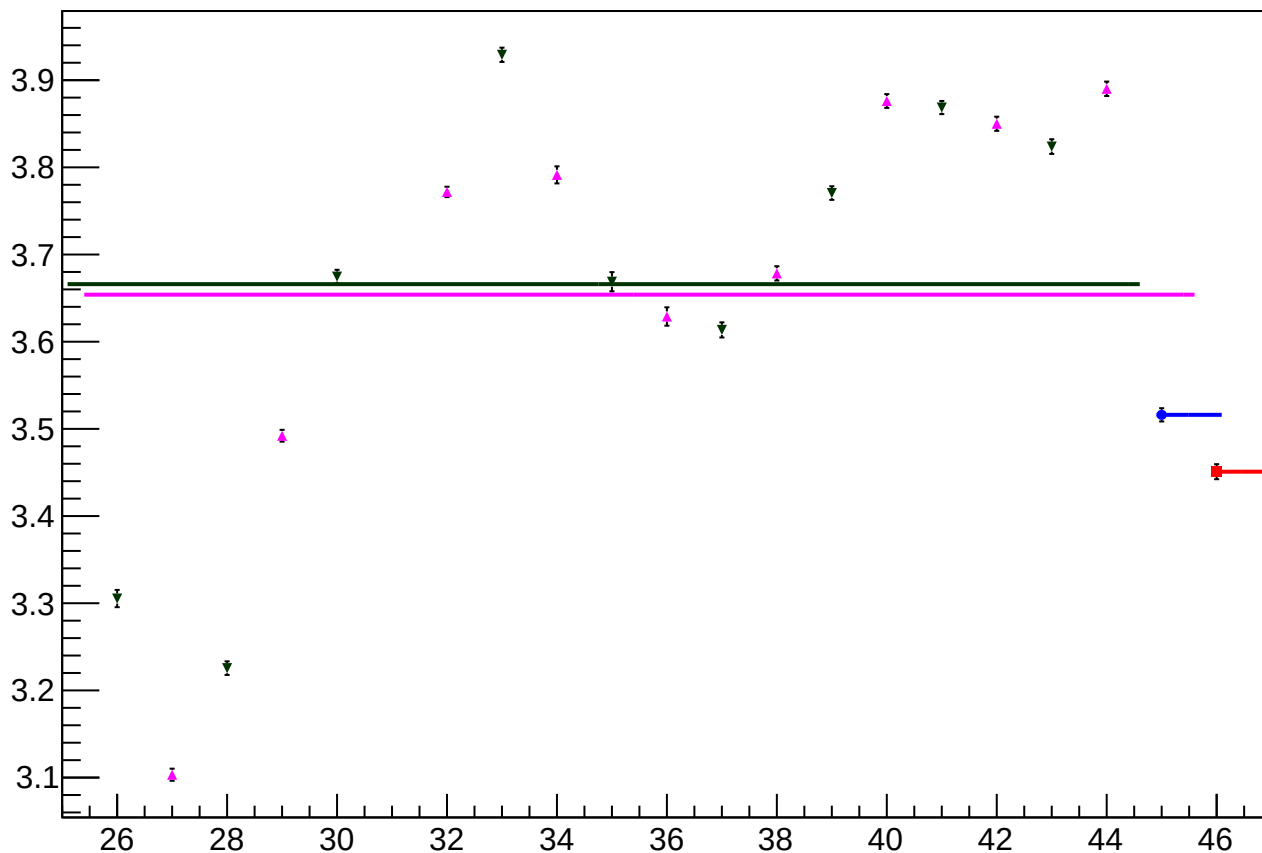
Right Out: -0.143+/-0.042 χ^2 /NDF: 0.0/0

Left In: -0.310+/-0.011 χ^2 /NDF:300.3/8

-0.142+/-0.012 χ^2 /NDF: 333.1/9

-0.300+/-0.011 χ^2 /NDF: 315.2/9

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.516 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left Out: 3.666 $\pm$ 0.003 χ^2 /NDF:6817.2/8

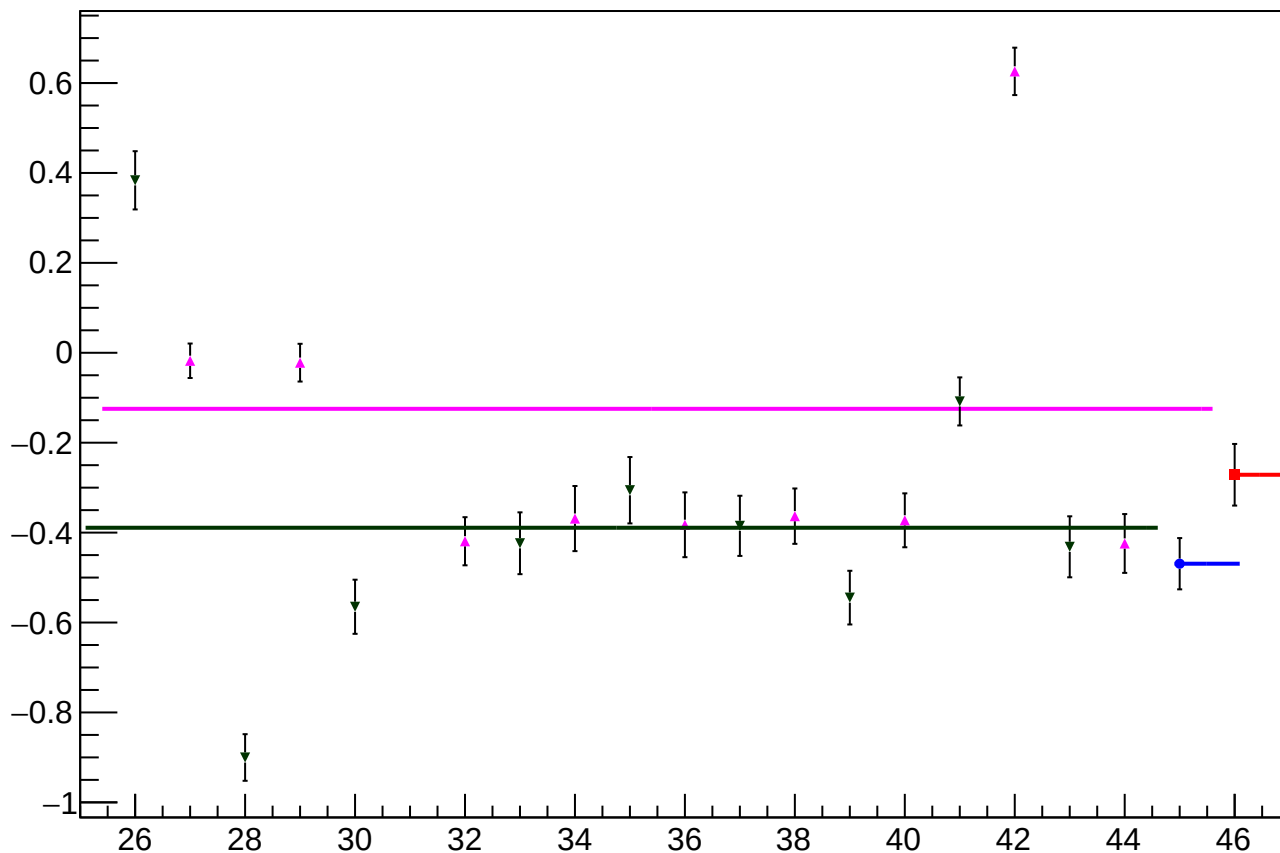
Right Out: 3.451 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Left In: 3.654 $\pm$ 0.003 χ^2 /NDF:9613.6/8

3.648 $\pm$ 0.003 χ^2 /NDF: 7157.8/9

3.637 $\pm$ 0.002 χ^2 /NDF: 10123.9/9

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.469+/-0.057 χ^2 /NDF: 0.0/0

Left Out: -0.389+/-0.021 χ^2 /NDF:284.2/8

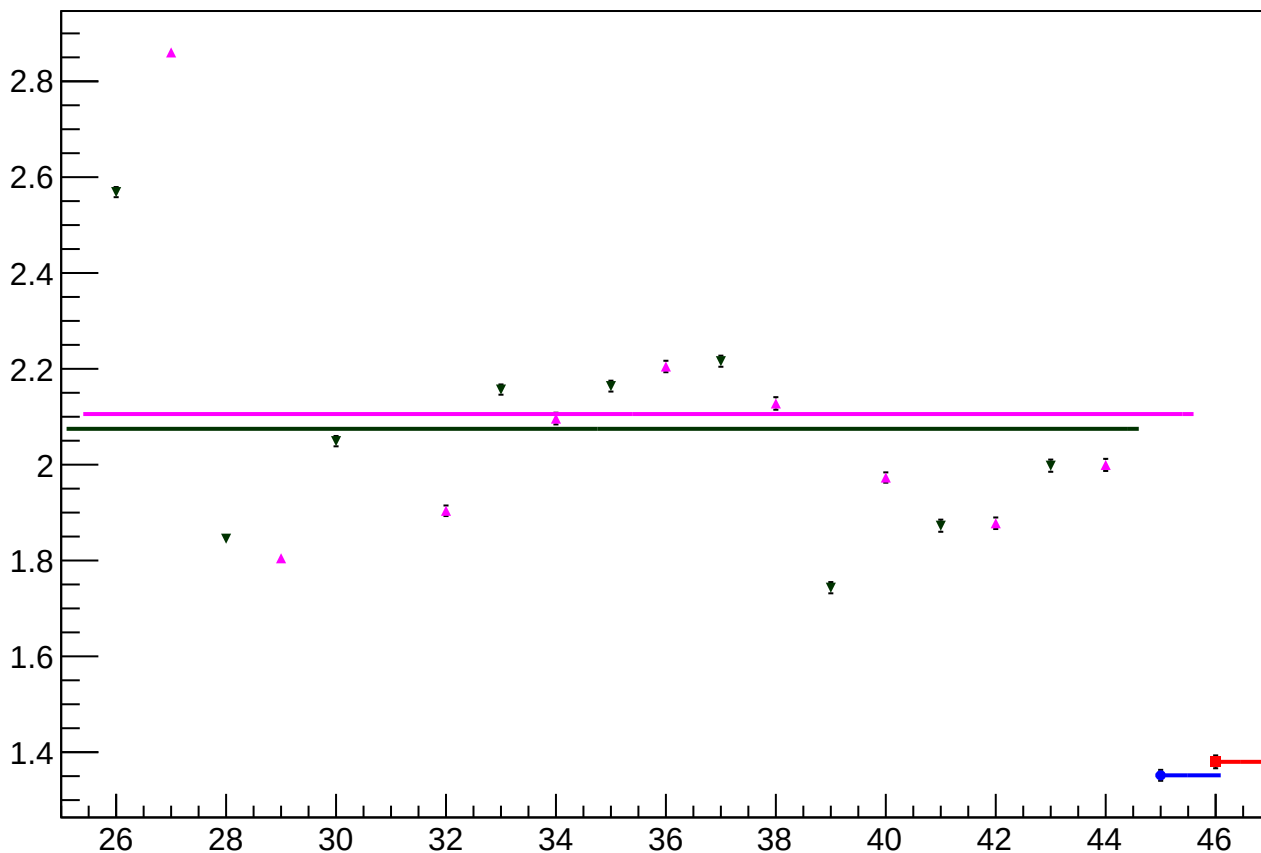
Right Out: -0.271+/-0.069 χ^2 /NDF: 0.0/0

Left In: -0.125+/-0.018 χ^2 /NDF:324.0/8

-0.398+/-0.019 χ^2 /NDF: 286.0/9

-0.134+/-0.017 χ^2 /NDF: 328.3/9

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.352+/-0.011 χ^2/NDF : 0.0/0

Left Out: 2.075+/-0.004 χ^2/NDF : 4111.6/8

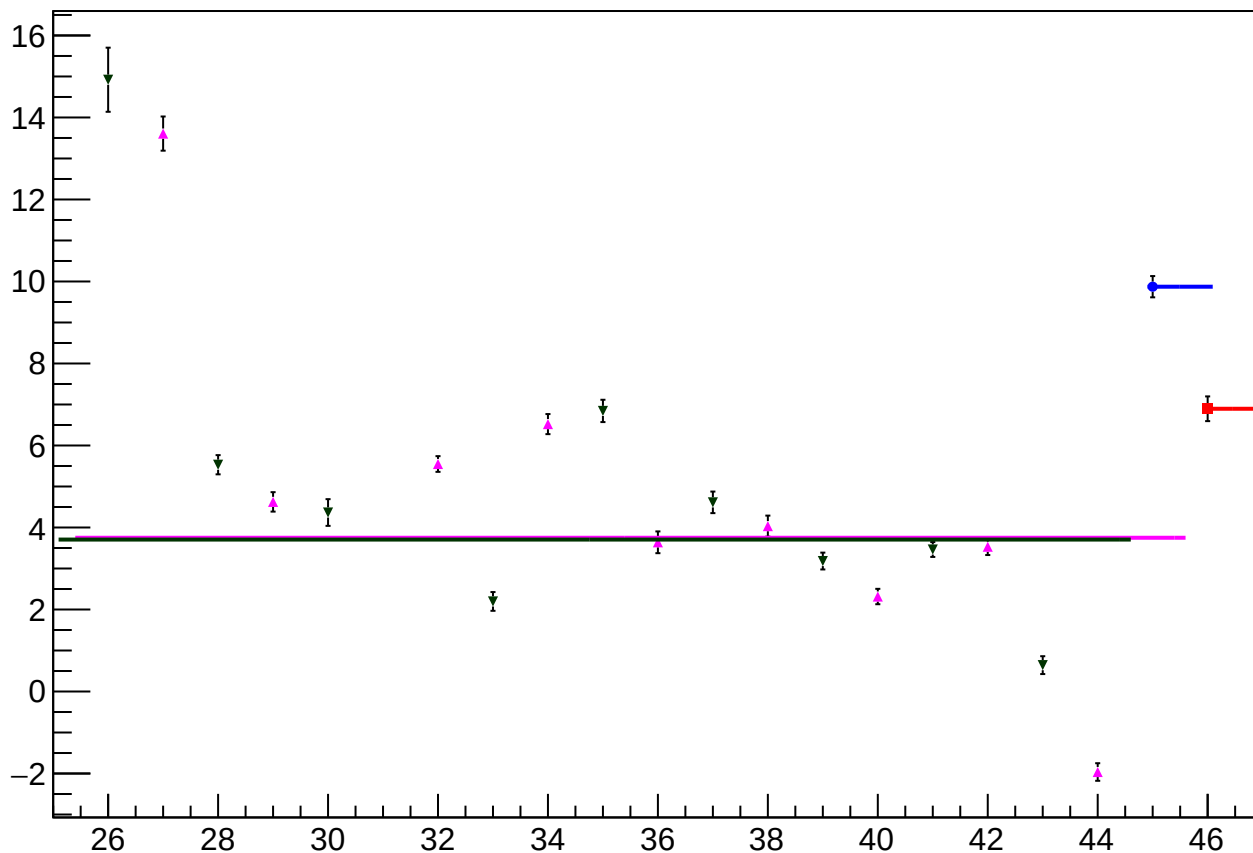
2.005+/-0.004 χ^2/NDF : 7736.4/9

Right Out: 1.380+/-0.013 χ^2/NDF : 0.0/0

2.053+/-0.004 χ^2/NDF : 10550.0/9

Left In: 2.106+/-0.004 χ^2/NDF : 7840.1/8

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 9.873 $\pm$ 0.259 χ^2 /NDF: 0.0/0

Left Out: 3.706 $\pm$ 0.081 χ^2 /NDF:665.5/8

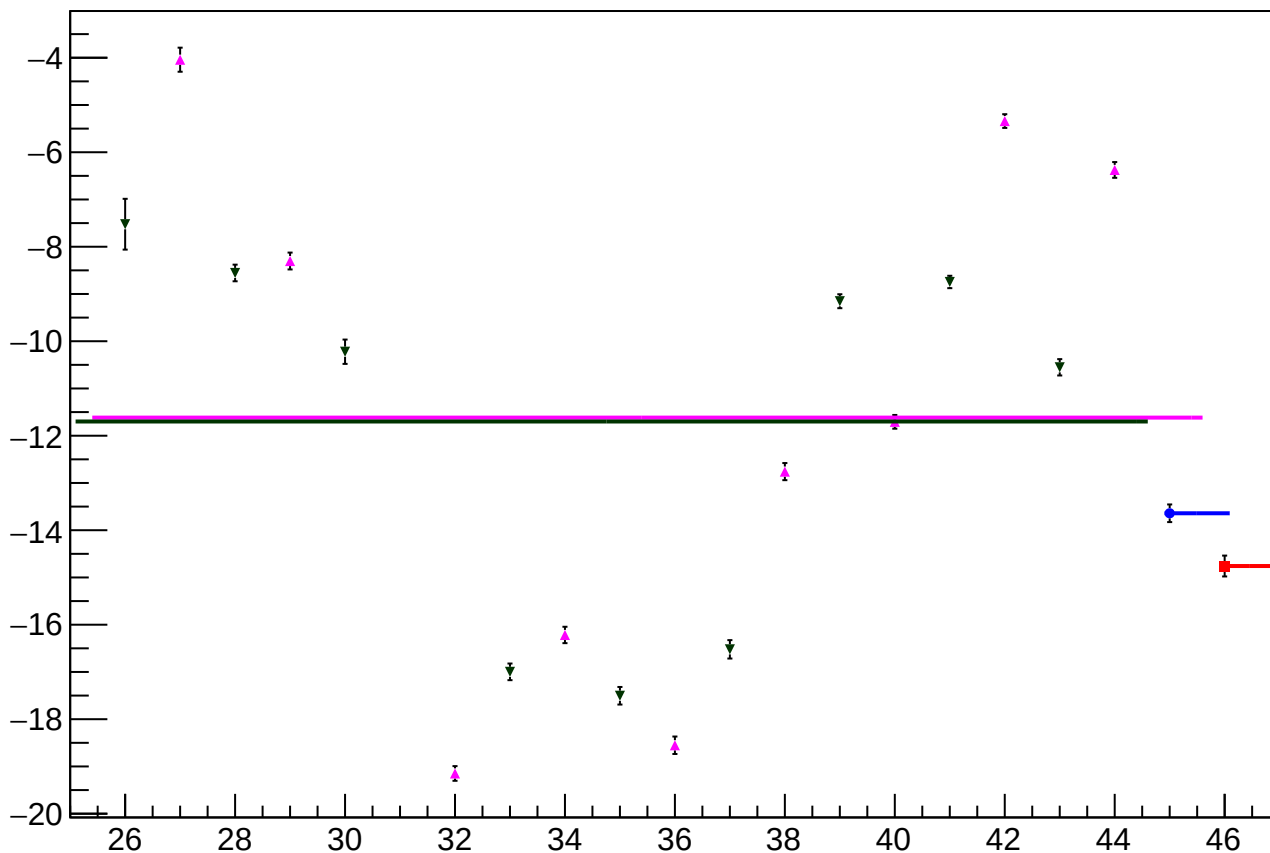
Right Out: 6.896 $\pm$ 0.301 χ^2 /NDF: 0.0/0

Left In: 3.750 $\pm$ 0.076 χ^2 /NDF:1560.3/8

4.257 $\pm$ 0.077 χ^2 /NDF: 1180.9/9

3.940 $\pm$ 0.074 χ^2 /NDF: 1662.6/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -13.641 $\pm$ 0.187 χ^2/NDF : 0.0/0

Left Out: -11.699 $\pm$ 0.060 χ^2/NDF : 3753.7/8

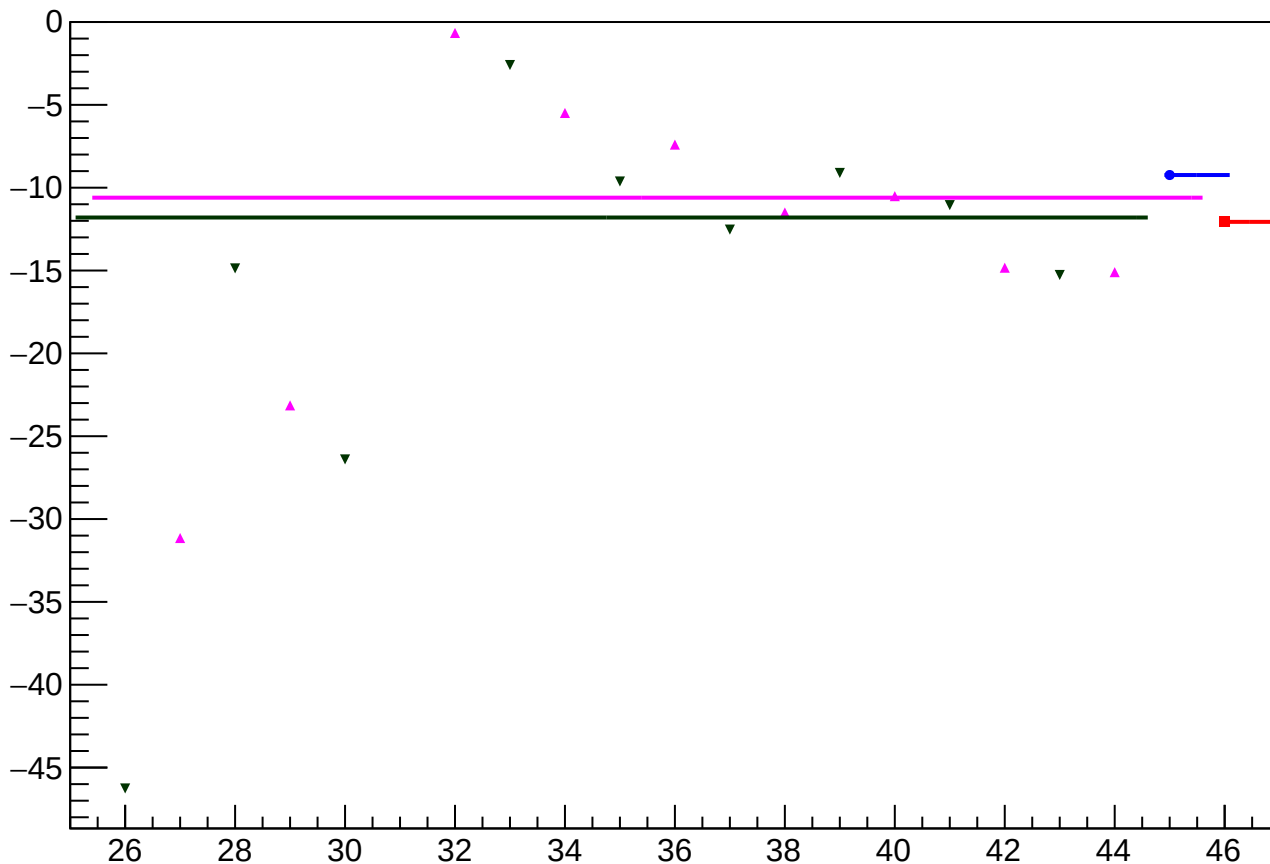
Right Out: -14.758 $\pm$ 0.221 χ^2/NDF : 0.0/0

Left In: -11.617 $\pm$ 0.057 χ^2/NDF : 8593.1/8

-11.882 $\pm$ 0.057 χ^2/NDF : 3851.7/9

-11.810 $\pm$ 0.055 χ^2/NDF : 8783.1/9

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -9.235+/-0.041 χ^2/NDF : 0.0/0

Left Out: -11.800+/-0.014 χ^2/NDF :232573.7/8

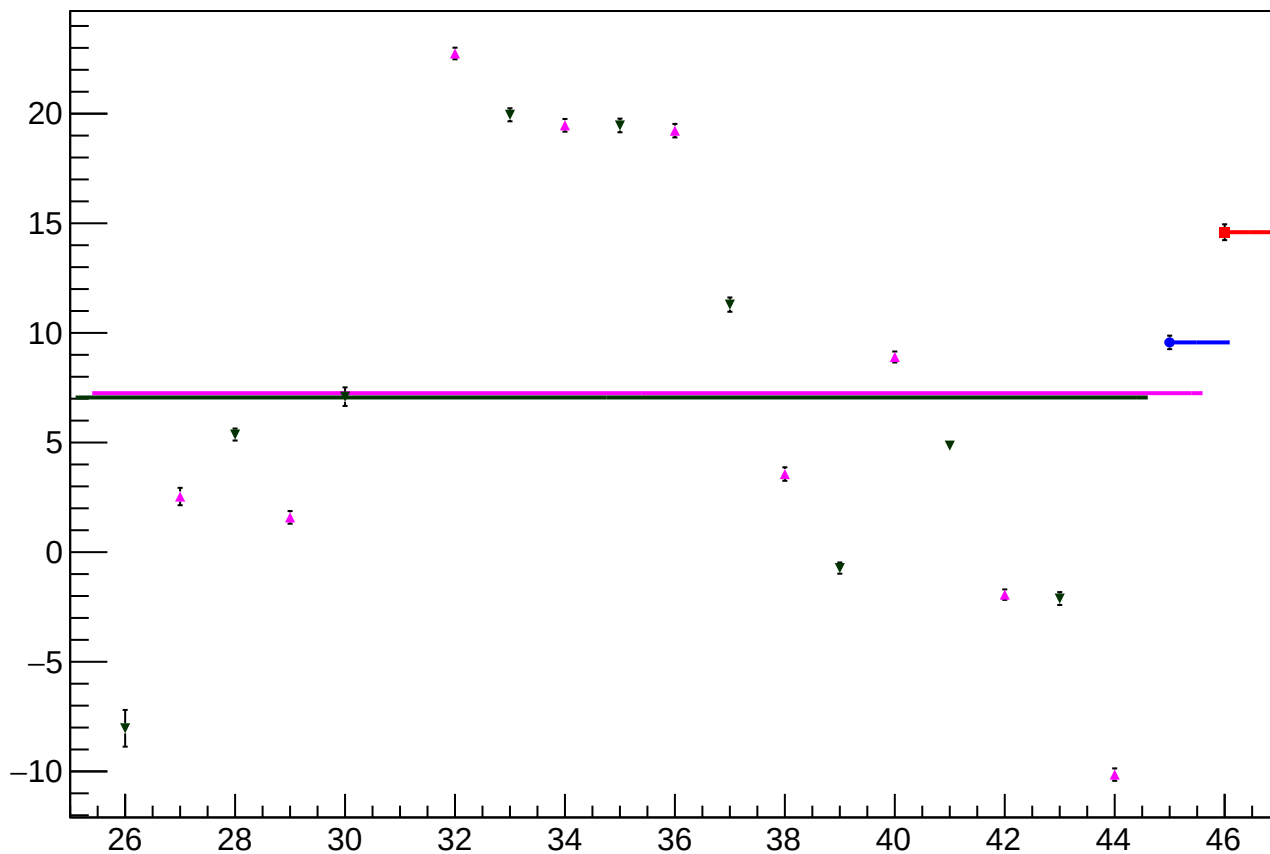
Right Out: -12.063+/-0.046 χ^2/NDF : 0.0/0

Left In: -10.603+/-0.013 χ^2/NDF :320499.6/8

-11.551+/-0.013 χ^2/NDF : 236038.5/9

-10.710+/-0.012 χ^2/NDF : 321447.9/9

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 9.567 $\pm$ 0.309 χ^2 /NDF: 0.0/0

7.298 $\pm$ 0.096 χ^2 /NDF: 6044.0/9

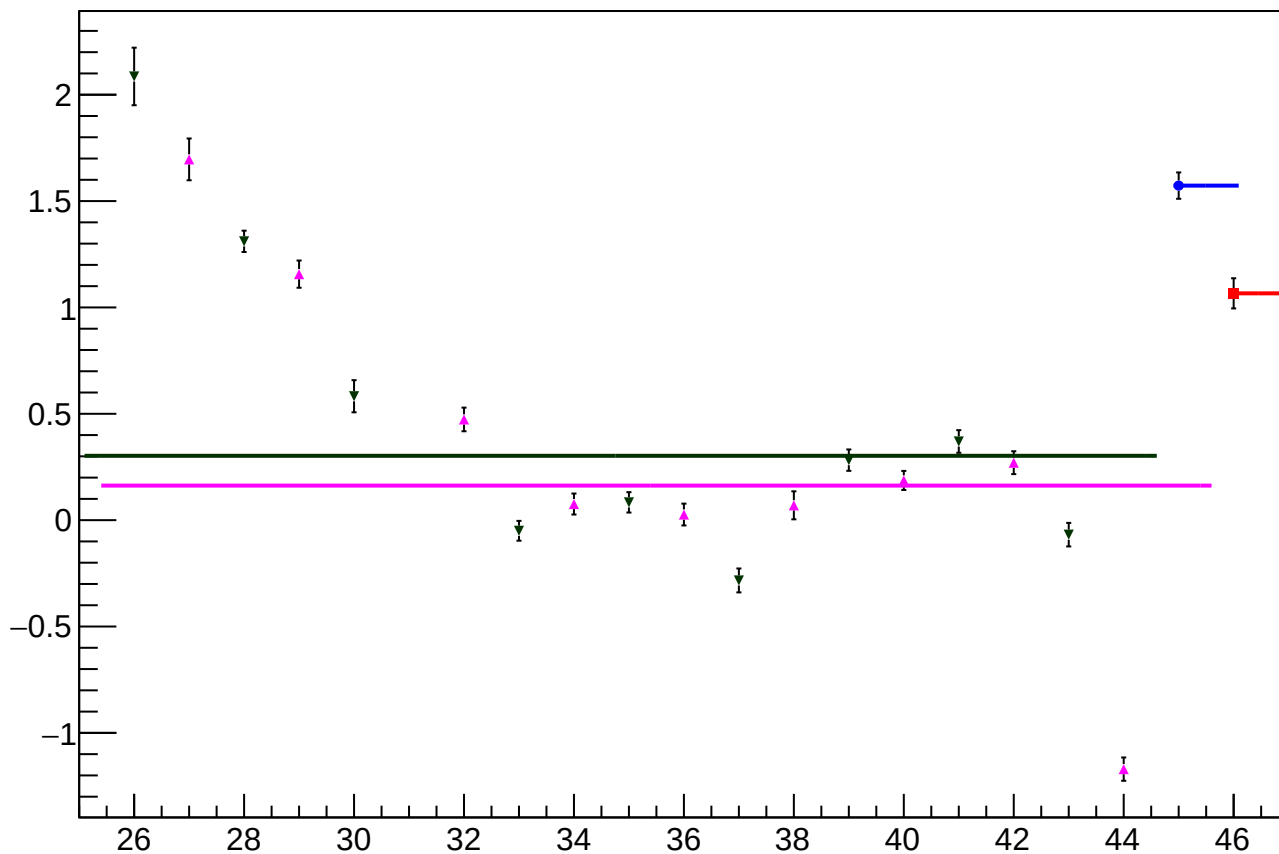
Left Out: 7.056 $\pm$ 0.101 χ^2 /NDF: 5984.3/8

7.724 $\pm$ 0.092 χ^2 /NDF: 13037.3/9

Right Out: 14.593 $\pm$ 0.361 χ^2 /NDF: 0.0/0

Left In: 7.252 $\pm$ 0.095 χ^2 /NDF: 12651.2/8

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.573 ± 0.062 χ^2/NDF : 0.0/0

Left Out: 0.303 ± 0.019 χ^2/NDF : 825.4/8

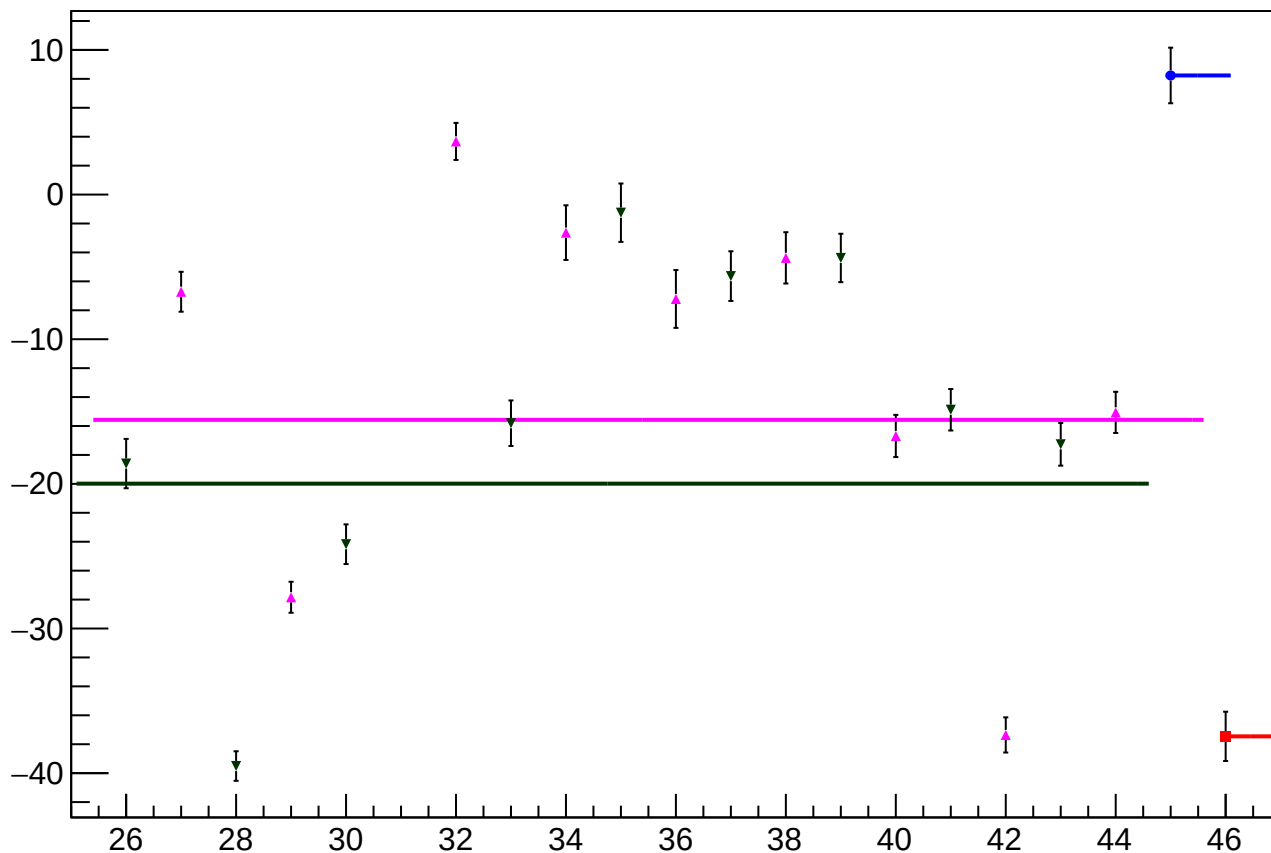
Right Out: 1.066 ± 0.071 χ^2/NDF : 0.0/0

Left In: 0.162 ± 0.019 χ^2/NDF : 1123.7/8

0.407 ± 0.018 χ^2/NDF : 1211.6/9

0.221 ± 0.018 χ^2/NDF : 1275.8/9

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: 8.235 $\pm$ 1.922 χ^2 /NDF: 0.0/0

Left Out: -19.986 $\pm$ 0.492 χ^2 /NDF:641.4/8

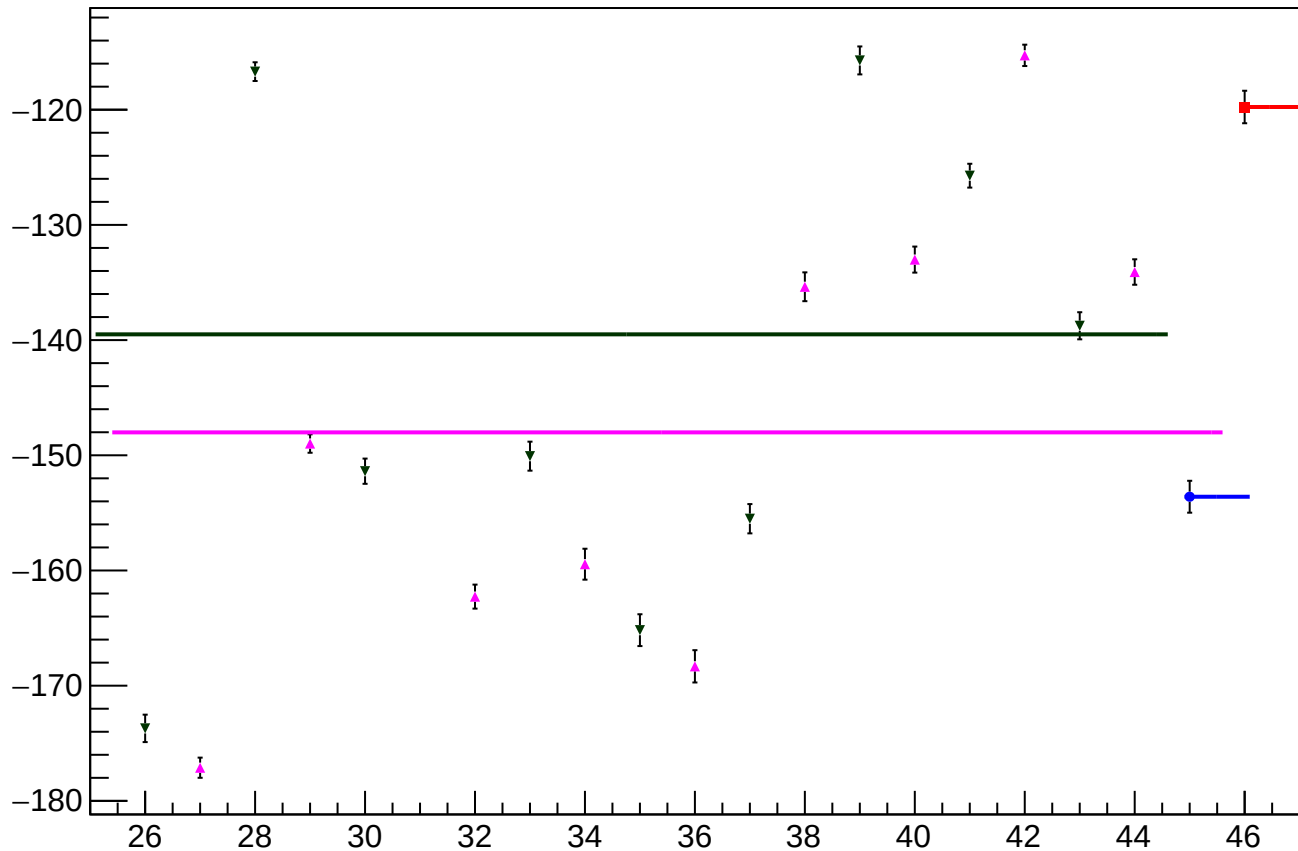
Right Out: -37.455 $\pm$ 1.704 χ^2 /NDF: 0.0/0

Left In: -15.574 $\pm$ 0.472 χ^2 /NDF:824.1/8

-18.247 $\pm$ 0.477 χ^2 /NDF: 843.8/9

-17.131 $\pm$ 0.455 χ^2 /NDF: 977.3/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -153.598+/-1.384 χ^2 /NDF: 0.0/0

Left Out: -139.501+/-0.374 χ^2 /NDF:2866.7/8

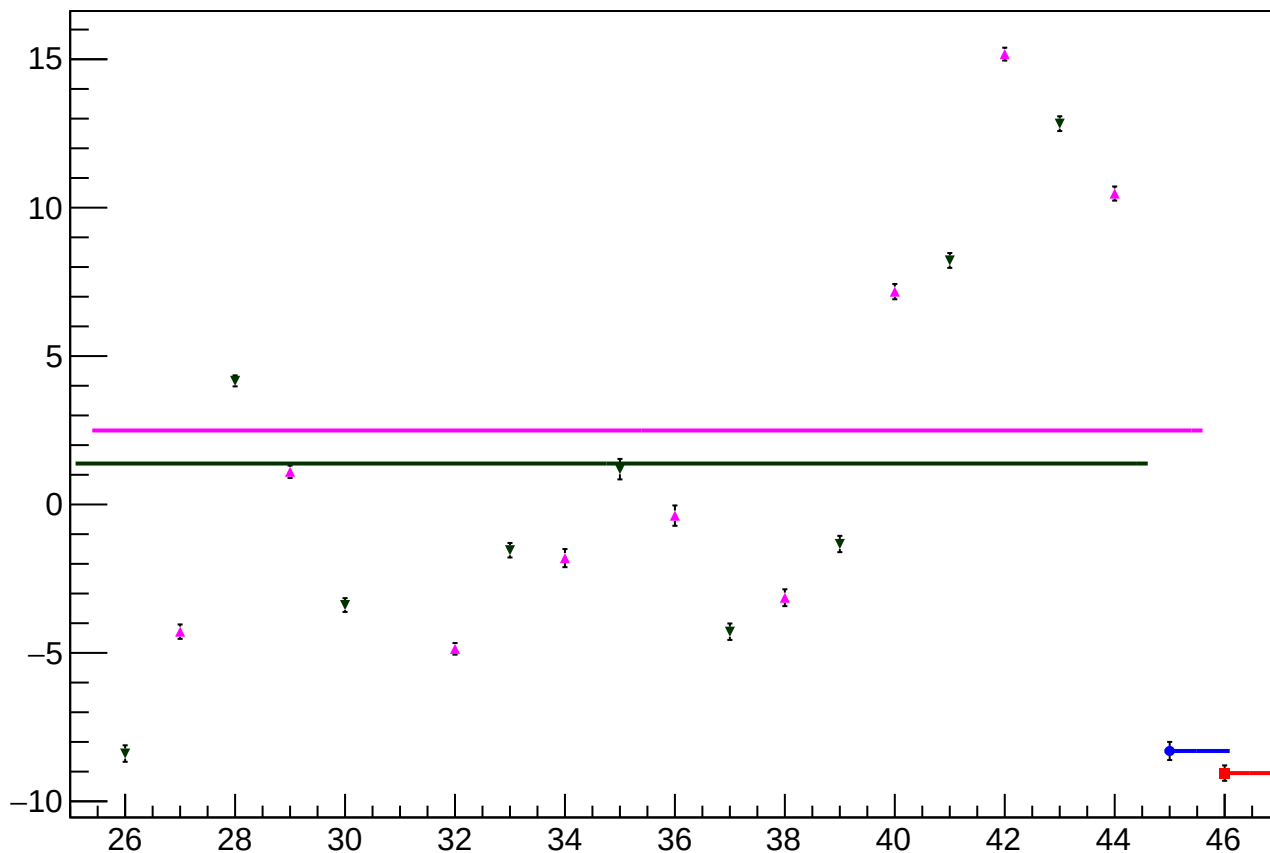
Right Out: -119.765+/-1.410 χ^2 /NDF: 0.0/0

Left In: -148.011+/-0.348 χ^2 /NDF:3260.7/8

-140.458+/-0.361 χ^2 /NDF: 2963.3/9

-146.390+/-0.338 χ^2 /NDF: 3638.7/9

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -8.304 $\pm$ 0.305 χ^2 /NDF: 0.0/0

Left Out: 1.380 $\pm$ 0.083 χ^2 /NDF:5402.0/8

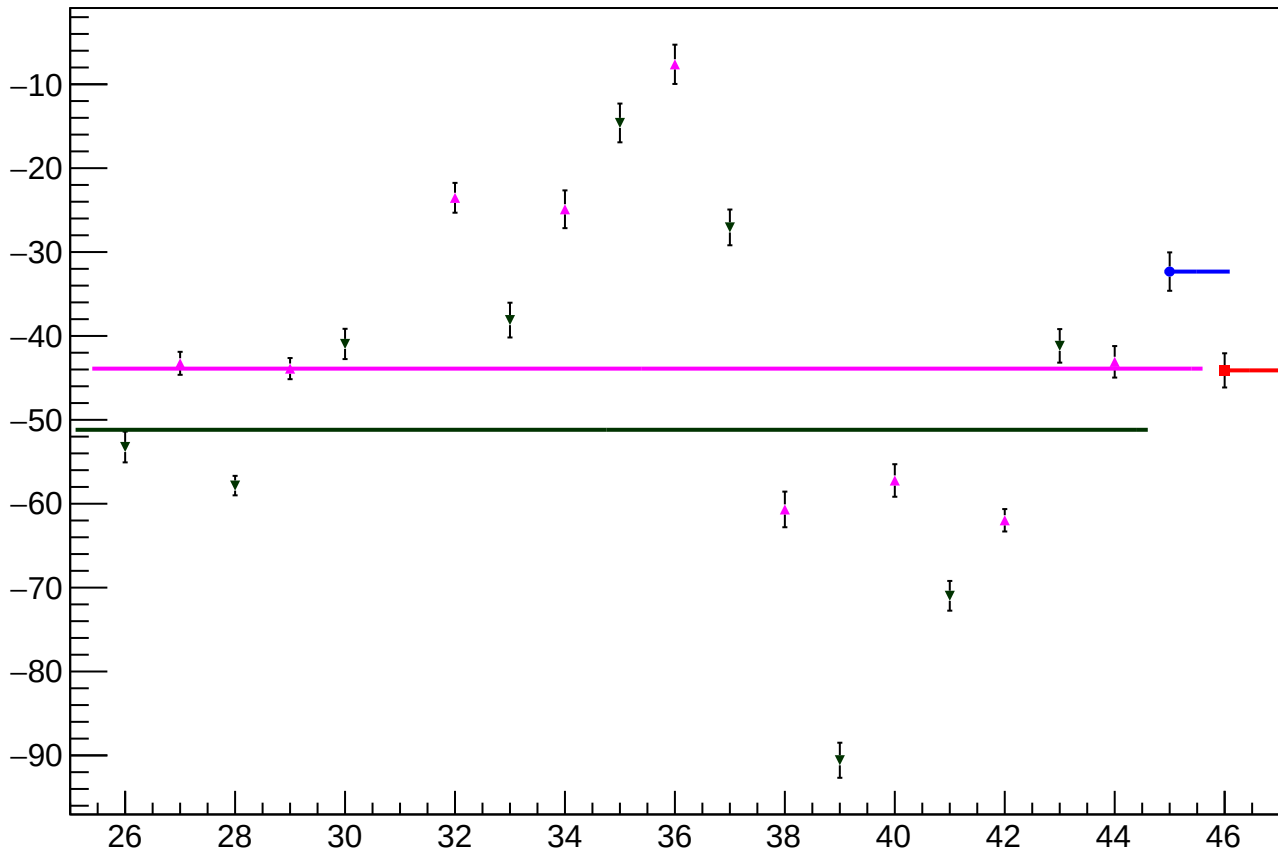
Right Out: -9.050 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left In: 2.493 $\pm$ 0.081 χ^2 /NDF:7773.1/8

0.708 $\pm$ 0.080 χ^2 /NDF: 6339.1/9

1.465 $\pm$ 0.077 χ^2 /NDF: 9575.4/9

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -32.328 $\pm$ 2.289 χ^2 /NDF: 0.0/0

Left Out: -51.187 $\pm$ 0.599 χ^2 /NDF:989.9/8

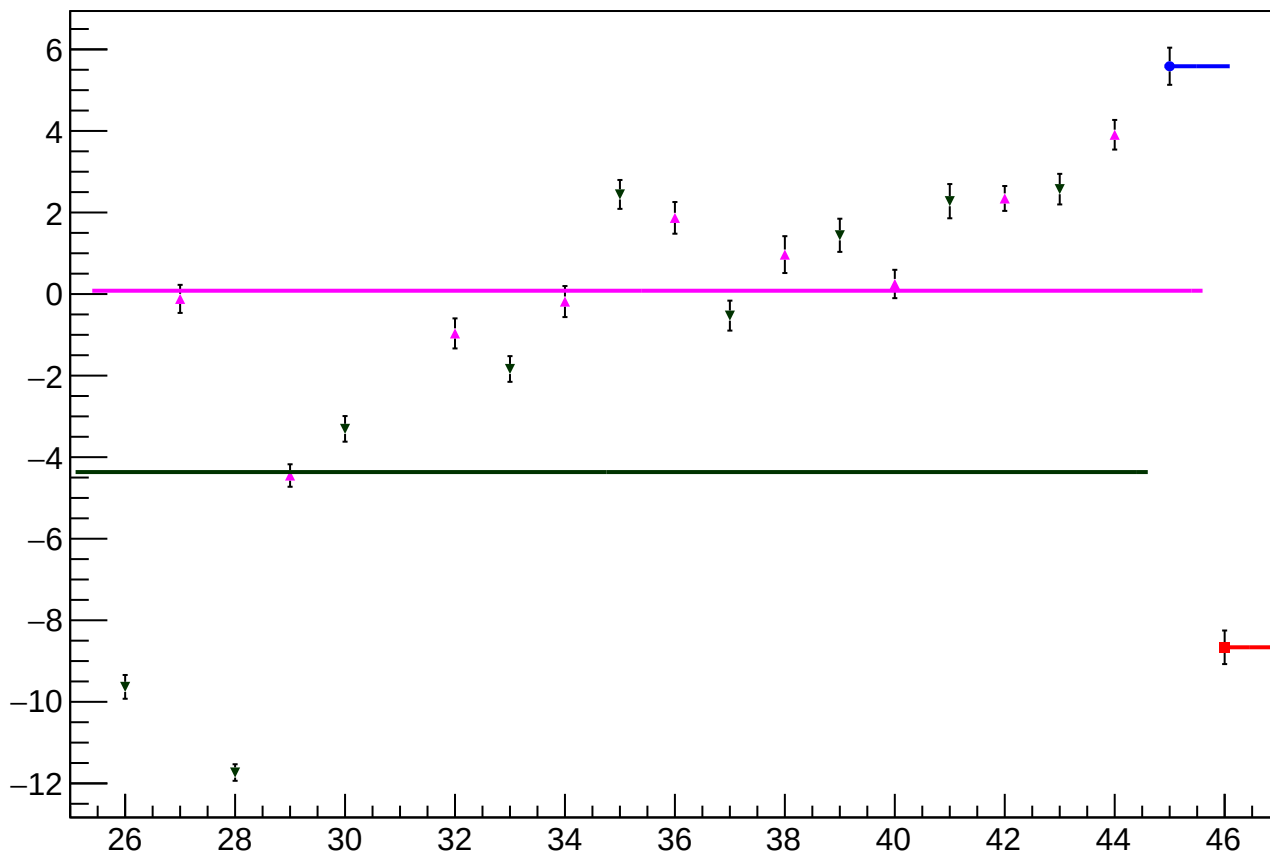
Right Out: -44.105 $\pm$ 2.038 χ^2 /NDF: 0.0/0

Left In: -43.897 $\pm$ 0.560 χ^2 /NDF:735.5/8

-49.977 $\pm$ 0.580 χ^2 /NDF: 1053.5/9

-43.911 $\pm$ 0.540 χ^2 /NDF: 735.5/9

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 5.586 $\pm$ 0.456 χ^2 /NDF: 0.0/0

Left Out: -4.365 $\pm$ 0.105 χ^2 /NDF: 2995.2/8

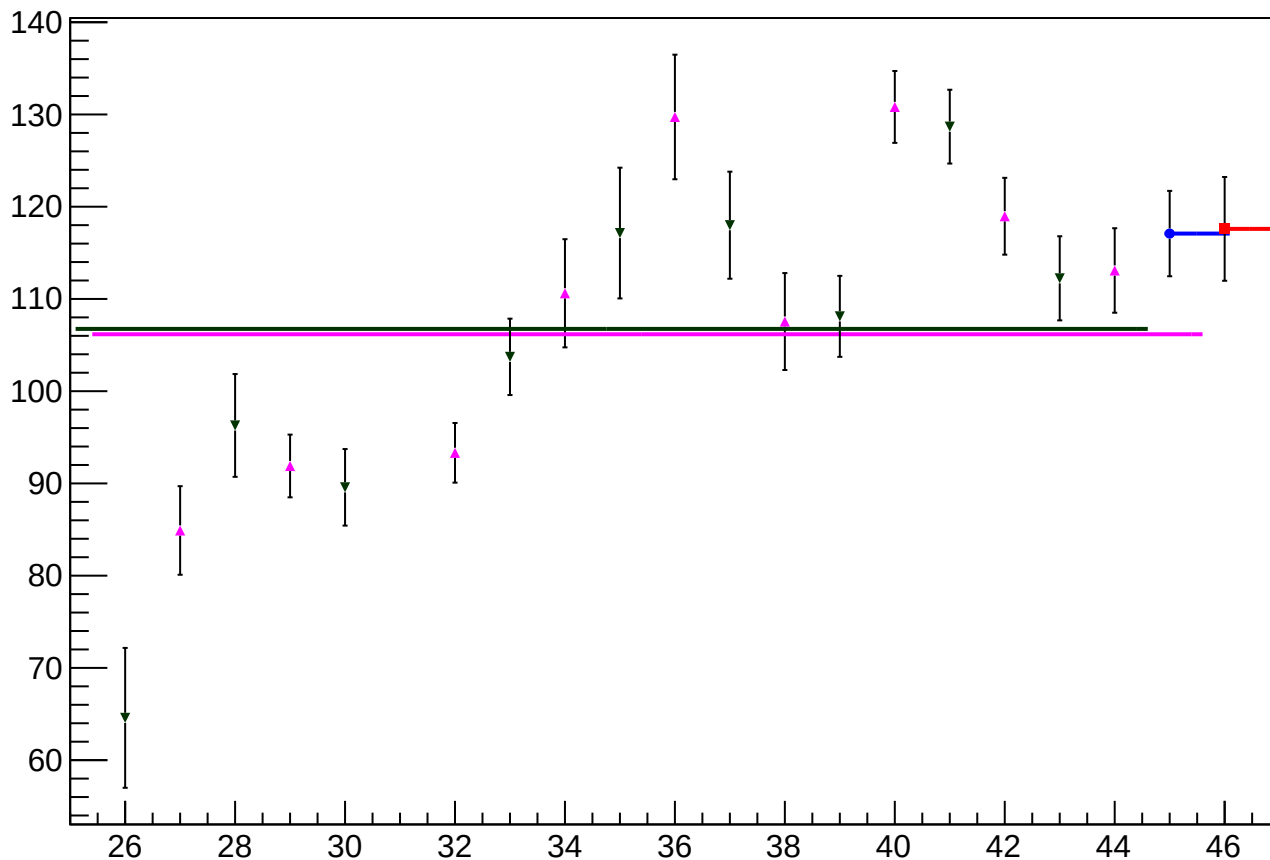
-3.862 $\pm$ 0.102 χ^2 /NDF: 3448.3/9

Right Out: -8.662 $\pm$ 0.412 χ^2 /NDF: 0.0/0

-0.564 $\pm$ 0.112 χ^2 /NDF: 887.8/9

Left In: 0.082 $\pm$ 0.116 χ^2 /NDF: 470.0/8

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 117.087 $\pm$ 4.628 χ^2 /NDF: 0.0/0

Left Out: 106.753 $\pm$ 1.626 χ^2 /NDF:89.6/8

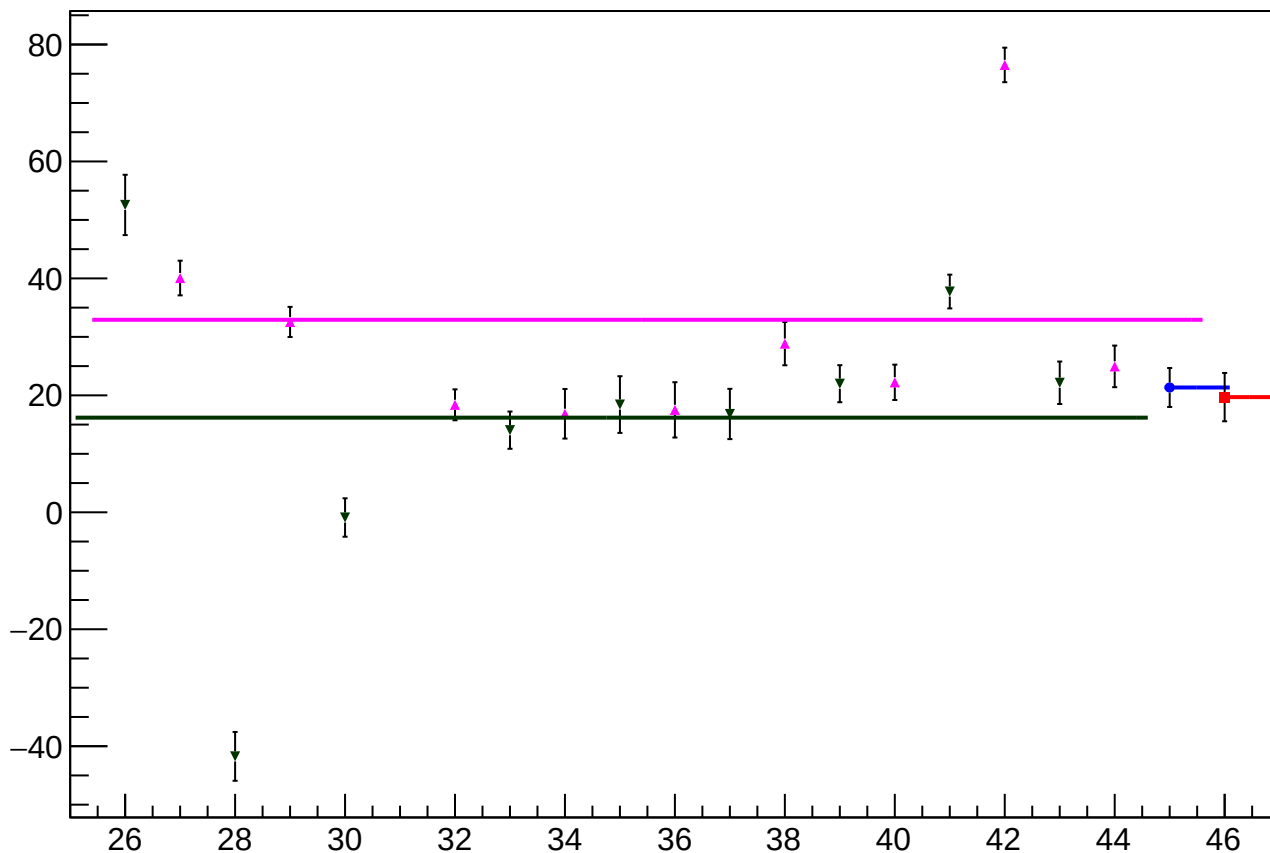
Right Out: 117.596 $\pm$ 5.625 χ^2 /NDF: 0.0/0

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF:117.6/8

107.889 $\pm$ 1.534 χ^2 /NDF: 94.0/9

106.872 $\pm$ 1.393 χ^2 /NDF: 121.5/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 21.344+/-3.330 χ^2/NDF : 0.0/0

Left Out: 16.187+/-1.214 χ^2/NDF : 331.6/8

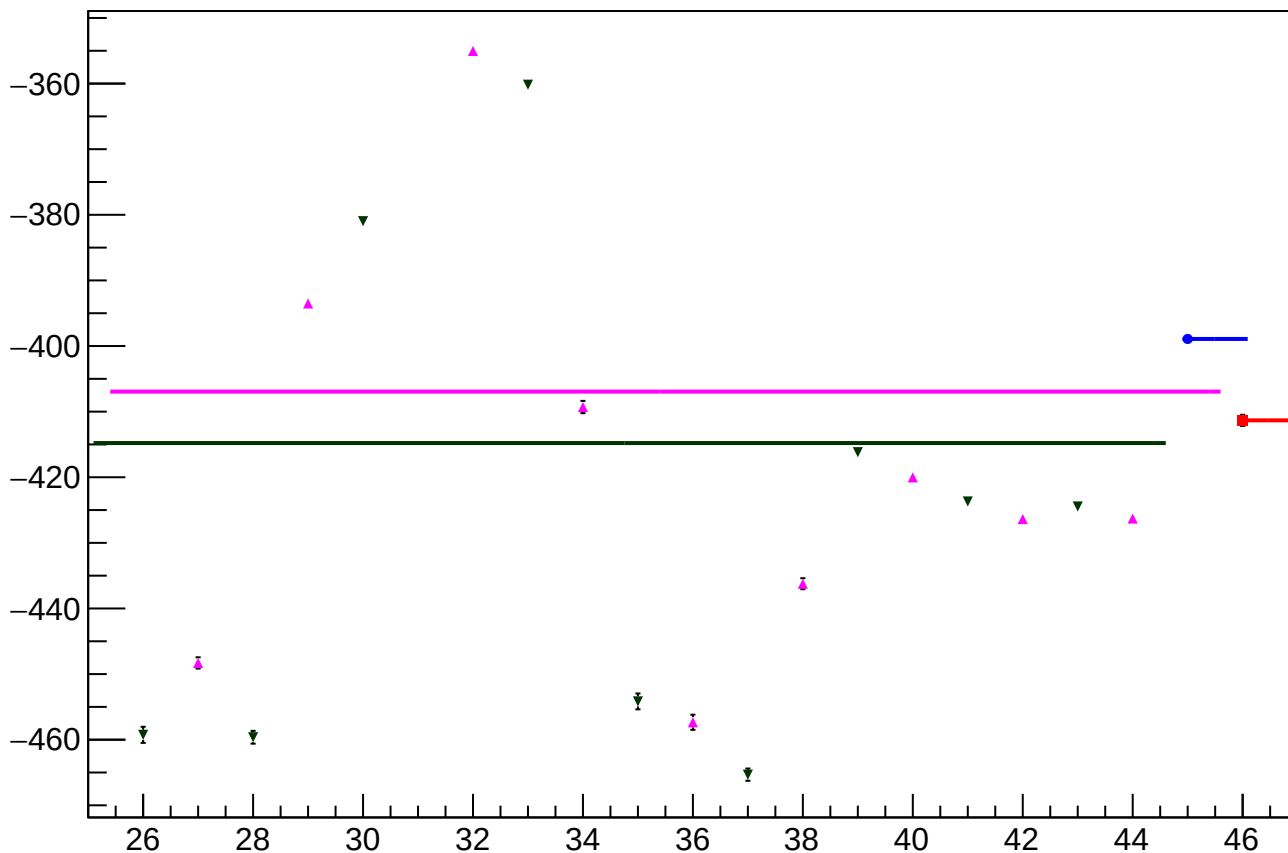
Right Out: 19.700+/-4.134 χ^2/NDF : 0.0/0

Left In: 32.922+/-1.064 χ^2/NDF : 297.8/8

16.792+/-1.141 χ^2/NDF : 333.7/9

32.100+/-1.030 χ^2/NDF : 307.4/9

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -398.922+/-0.736 χ^2/NDF : 0.0/0

Left Out: -414.789+/-0.271 χ^2/NDF :17193.7/8

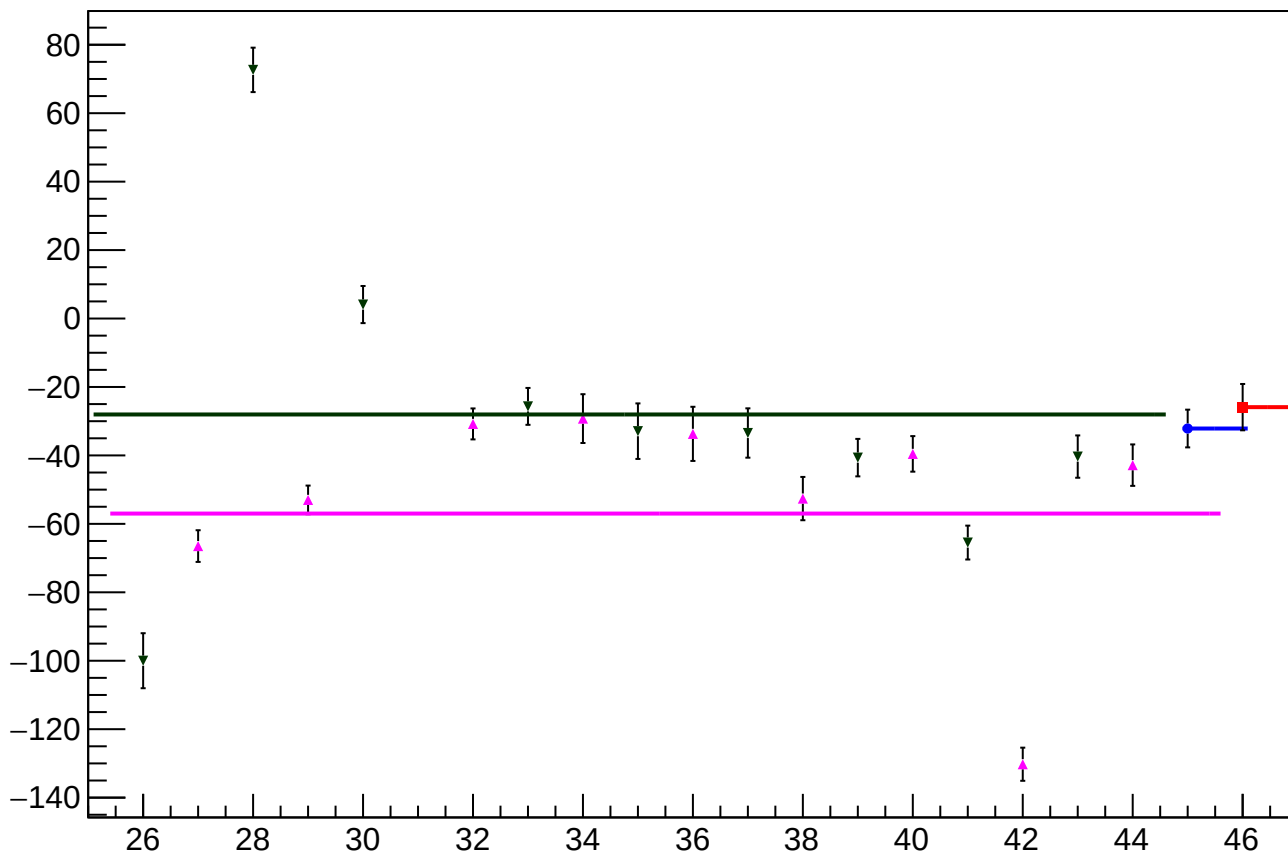
-412.893+/-0.254 χ^2/NDF : 17602.8/9

Right Out: -411.329+/-0.848 χ^2/NDF : 0.0/0

-407.288+/-0.236 χ^2/NDF : 18157.3/9

Left In: -406.947+/-0.246 χ^2/NDF :18132.7/8

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -32.142 ± 5.512 χ^2/NDF : 0.0/0

Left Out: -28.036 ± 2.031 χ^2/NDF : 423.4/8

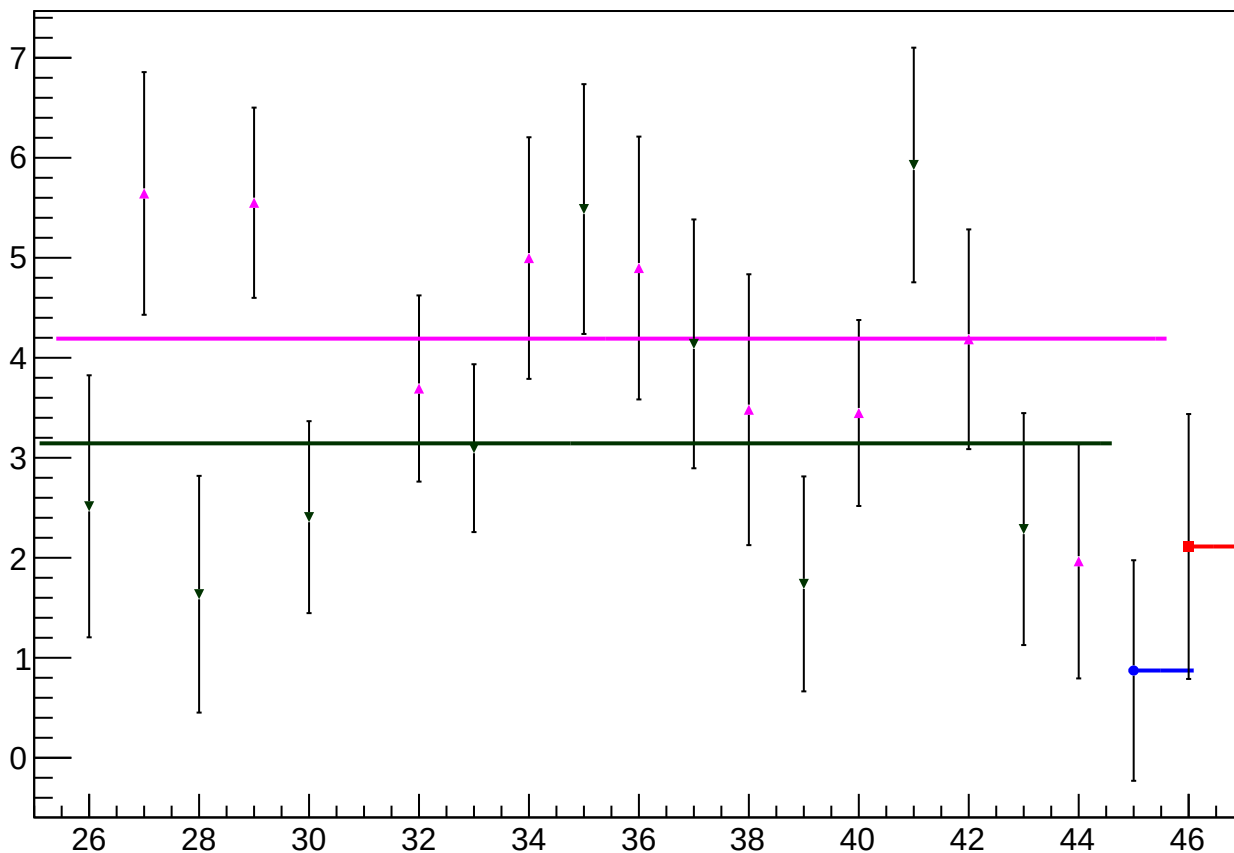
Right Out: -25.896 ± 6.770 χ^2/NDF : 0.0/0

Left In: -56.994 ± 1.767 χ^2/NDF : 308.6/8

-28.527 ± 1.906 χ^2/NDF : 423.9/9

-55.010 ± 1.710 χ^2/NDF : 328.3/9

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.873 $\pm$ 1.103 χ^2 /NDF: 0.0/0

Left Out: 3.144 $\pm$ 0.367 χ^2 /NDF:14.5/8

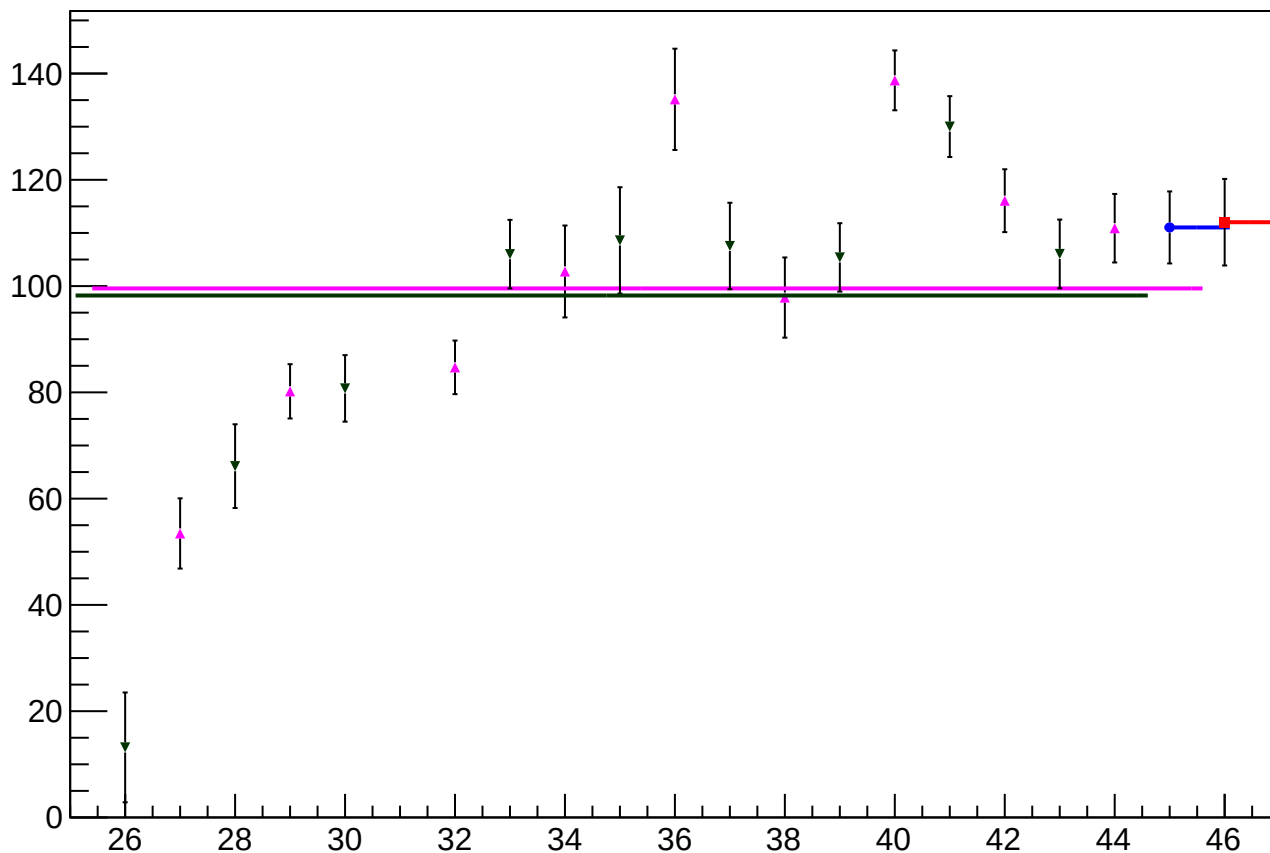
Right Out: 2.113 $\pm$ 1.325 χ^2 /NDF: 0.0/0

Left In: 4.191 $\pm$ 0.366 χ^2 /NDF:9.0/8

2.918 $\pm$ 0.348 χ^2 /NDF: 18.3/9

4.044 $\pm$ 0.353 χ^2 /NDF: 11.3/9

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 111.037 $\pm$ 6.777 χ^2 /NDF: 0.0/0

Left Out: 98.229 $\pm$ 2.366 χ^2 /NDF:129.5/8

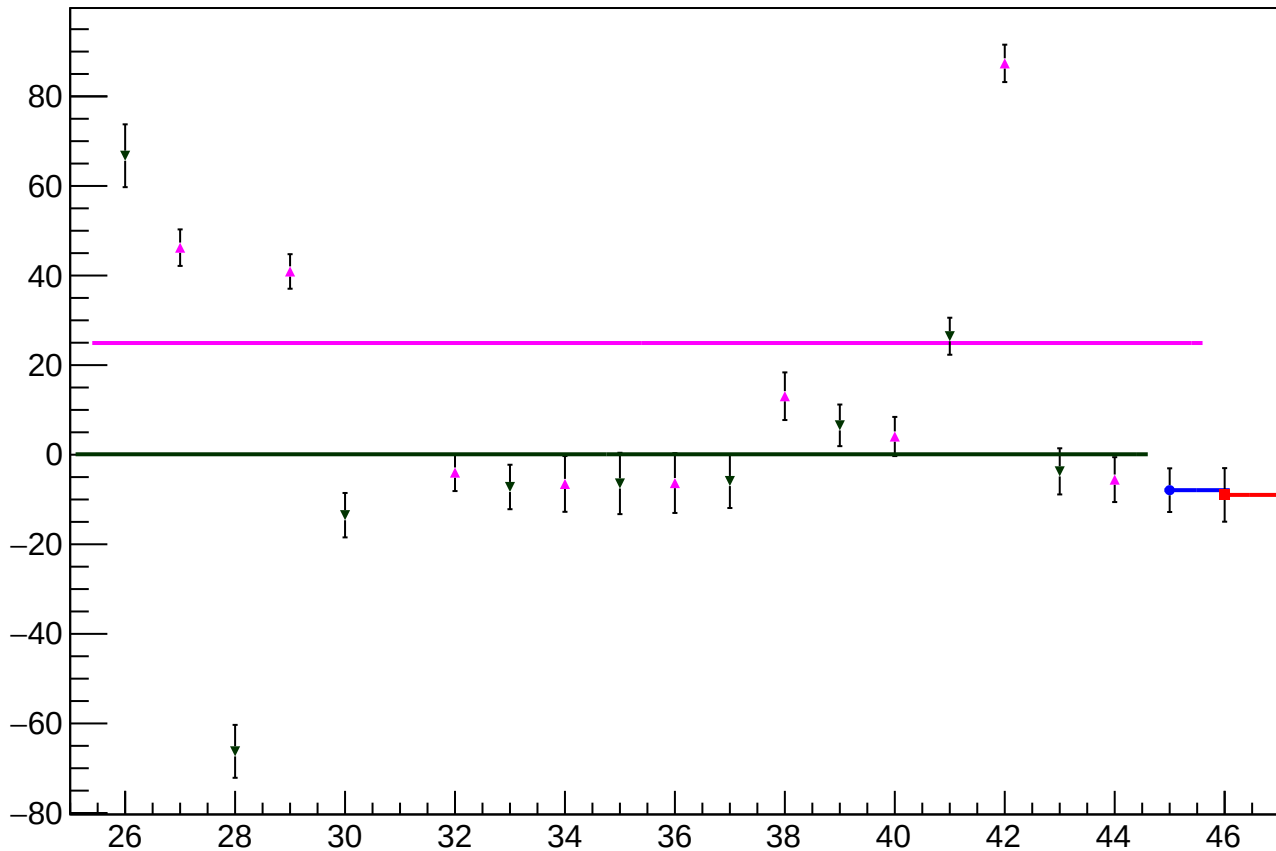
Right Out: 112.021 $\pm$ 8.142 χ^2 /NDF: 0.0/0

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

99.620 $\pm$ 2.234 χ^2 /NDF: 132.7/9

100.341 $\pm$ 2.034 χ^2 /NDF: 147.2/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -7.918+/-4.876 χ^2 /NDF: 0.0/0

Left Out: 0.093+/-1.763 χ^2 /NDF:271.1/8

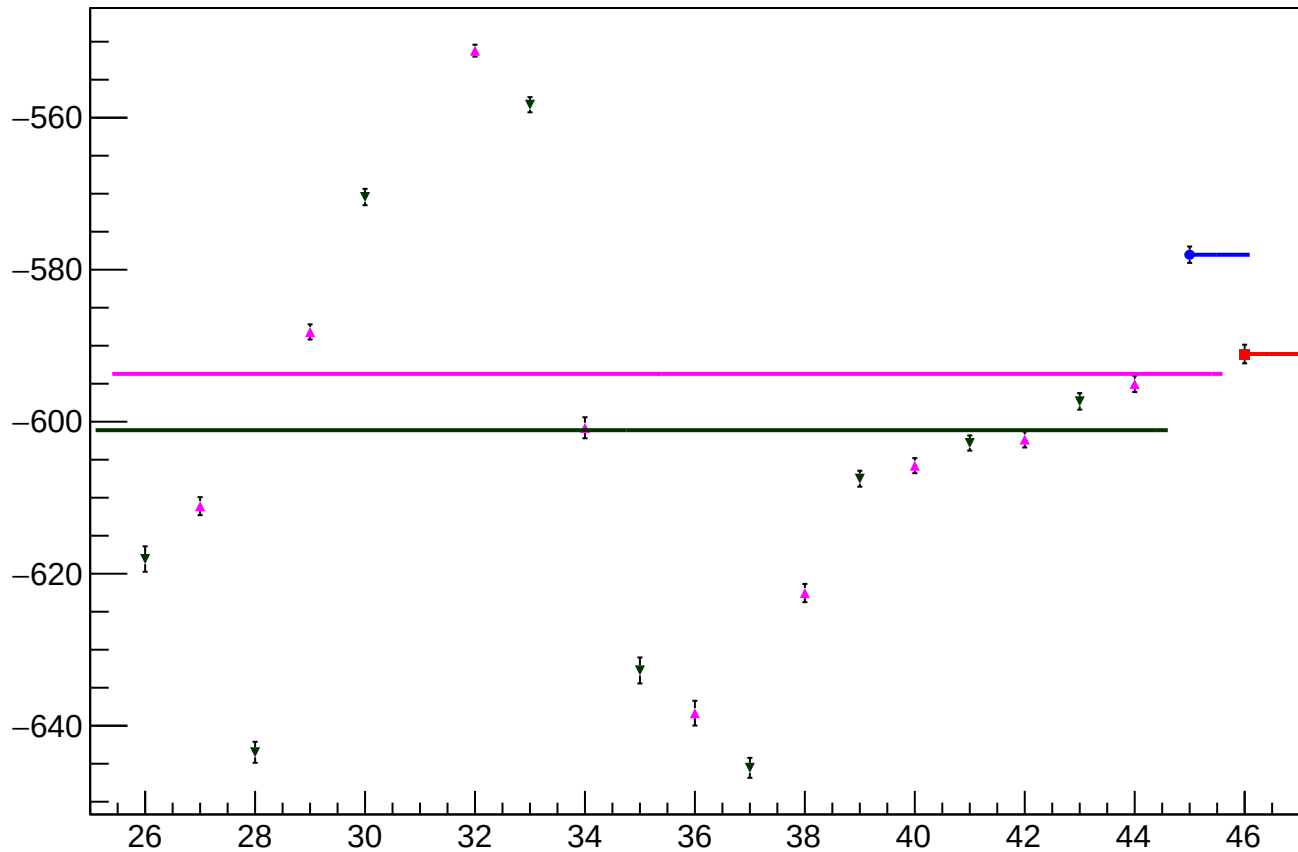
Right Out: -8.977+/-5.982 χ^2 /NDF: 0.0/0

Left In: 24.935+/-1.545 χ^2 /NDF:429.4/8

-0.833+/-1.658 χ^2 /NDF: 273.5/9

22.815+/-1.496 χ^2 /NDF: 459.5/9

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -578.028+/-1.078 χ^2 /NDF: 0.0/0

Left Out: -601.116+/-0.395 χ^2 /NDF:5229.3/8

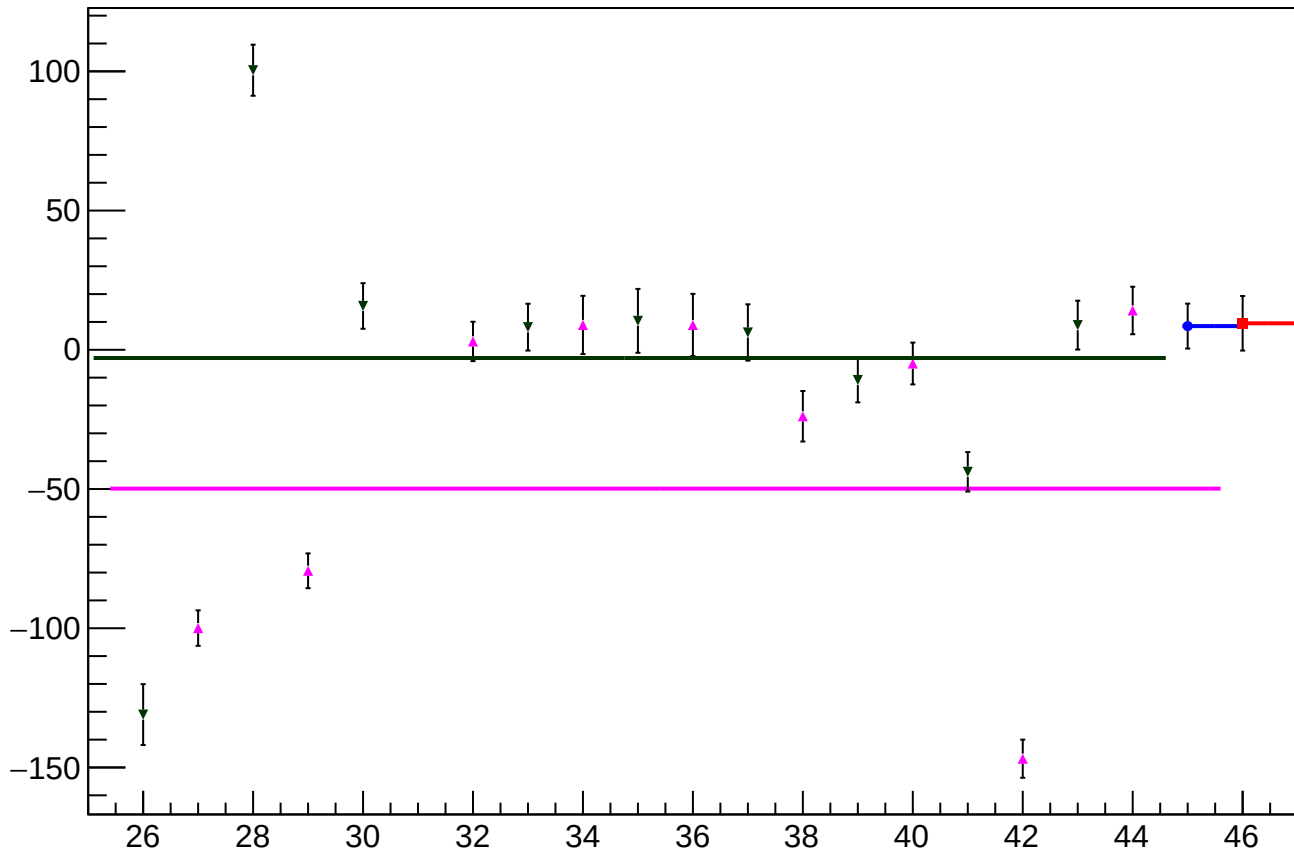
-598.382+/-0.371 χ^2 /NDF: 5633.8/9

Right Out: -591.092+/-1.227 χ^2 /NDF: 0.0/0

-593.497+/-0.346 χ^2 /NDF: 4736.0/9

Left In: -593.704+/-0.360 χ^2 /NDF:4731.8/8

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 8.510+/-8.071 χ^2/NDF : 0.0/0

Left Out: -2.951+/-2.946 χ^2/NDF : 309.3/8

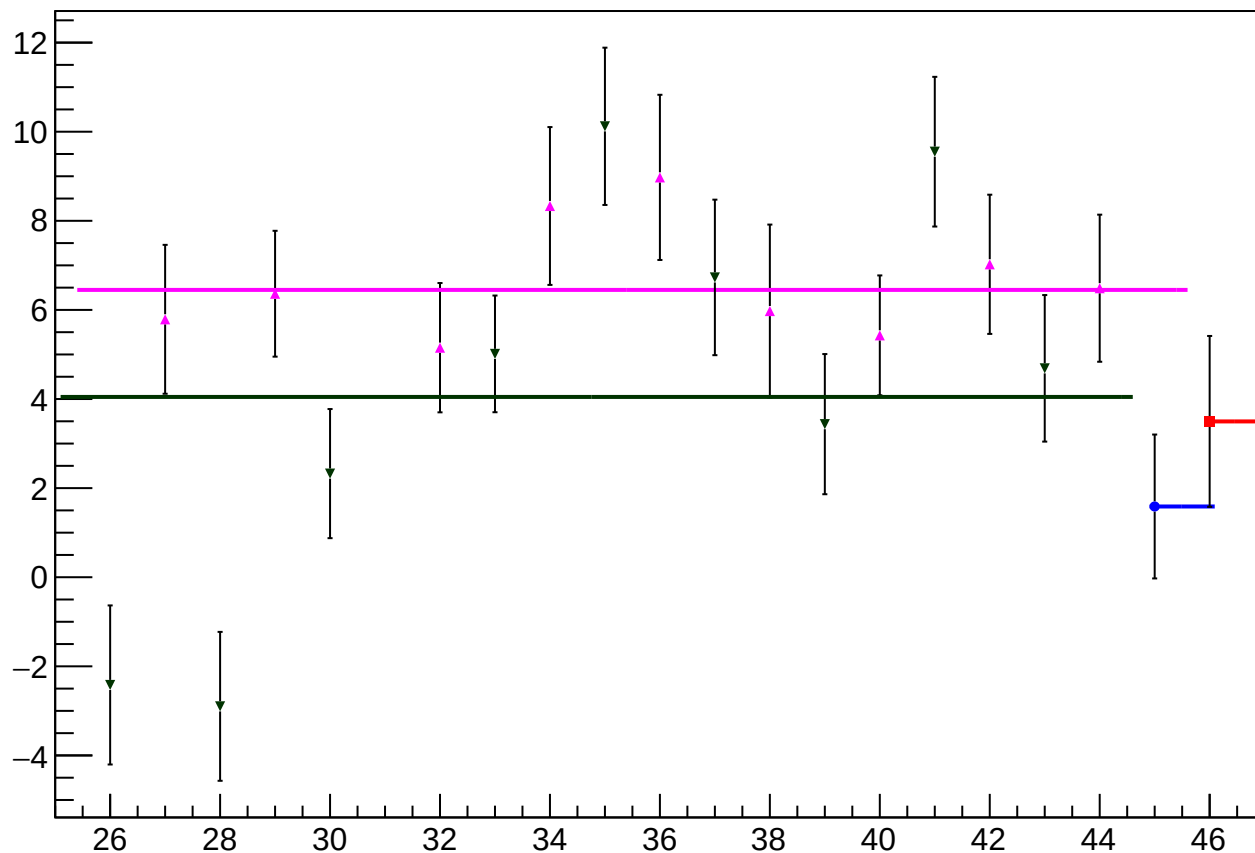
Right Out: 9.521+/-9.802 χ^2/NDF : 0.0/0

Left In: -49.855+/-2.562 χ^2/NDF : 500.0/8

-1.603+/-2.768 χ^2/NDF : 311.1/9

-46.059+/-2.478 χ^2/NDF : 534.4/9

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 1.588 $\pm$ 1.615 χ^2 /NDF: 0.0/0

Left Out: 4.047 $\pm$ 0.534 χ^2 /NDF: 57.6/8

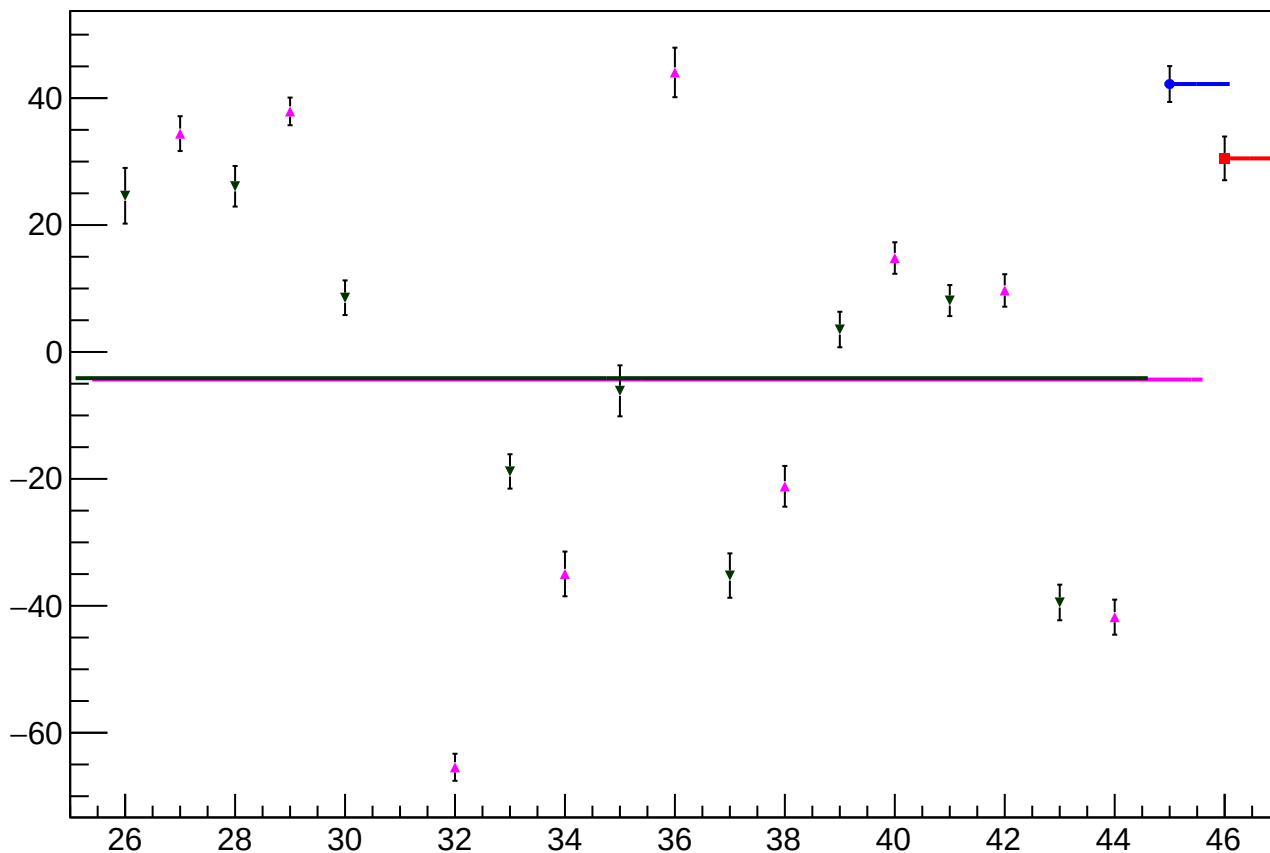
Right Out: 3.497 $\pm$ 1.918 χ^2 /NDF: 0.0/0

Left In: 6.449 $\pm$ 0.532 χ^2 /NDF: 4.7/8

3.805 $\pm$ 0.507 χ^2 /NDF: 59.7/9

6.239 $\pm$ 0.512 χ^2 /NDF: 6.9/9

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 42.220+/-2.826 χ^2/NDF : 0.0/0

Left Out: -4.129+/-1.007 χ^2/NDF : 453.7/8

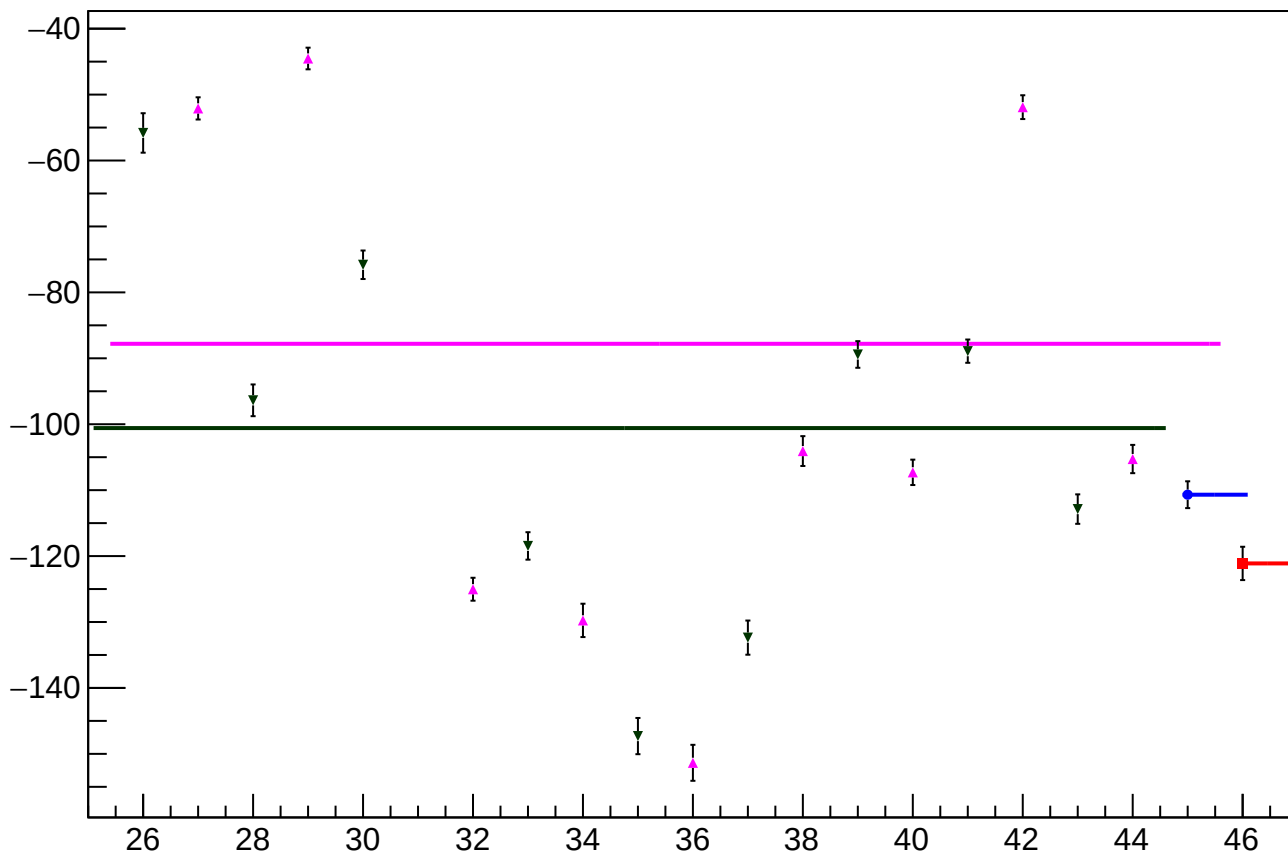
Right Out: 30.504+/-3.443 χ^2/NDF : 0.0/0

Left In: -4.348+/-0.893 χ^2/NDF : 1927.7/8

1.097+/-0.949 χ^2/NDF : 692.4/9

-2.149+/-0.865 χ^2/NDF : 2023.8/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -110.689+/-2.034 χ^2 /NDF: 0.0/0

Left Out: -100.583+/-0.750 χ^2 /NDF:975.8/8

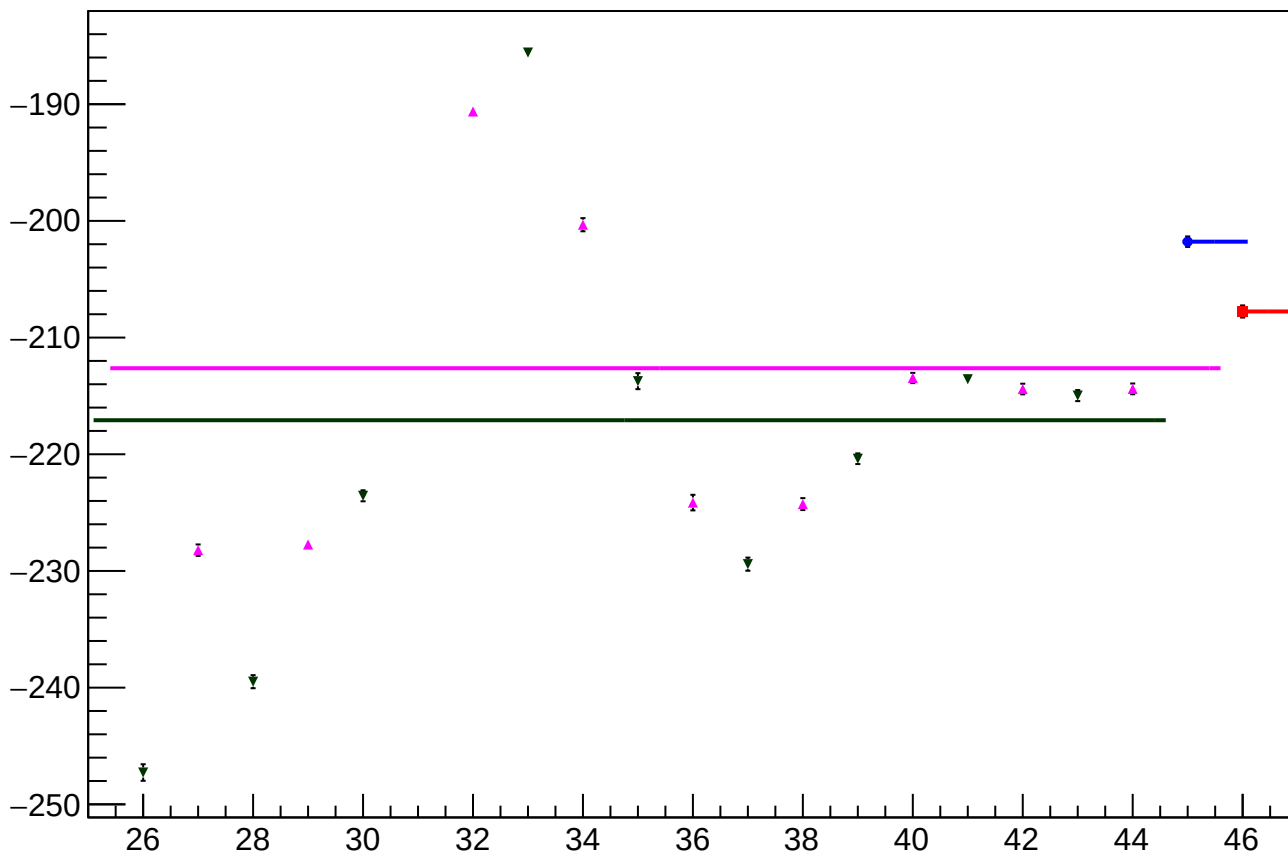
Right Out: -121.113+/-2.527 χ^2 /NDF: 0.0/0

Left In: -87.800+/-0.654 χ^2 /NDF:3036.8/8

-101.794+/-0.704 χ^2 /NDF: 997.6/9

-89.894+/-0.634 χ^2 /NDF: 3199.7/9

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -201.781+/-0.449 χ^2/NDF : 0.0/0

Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

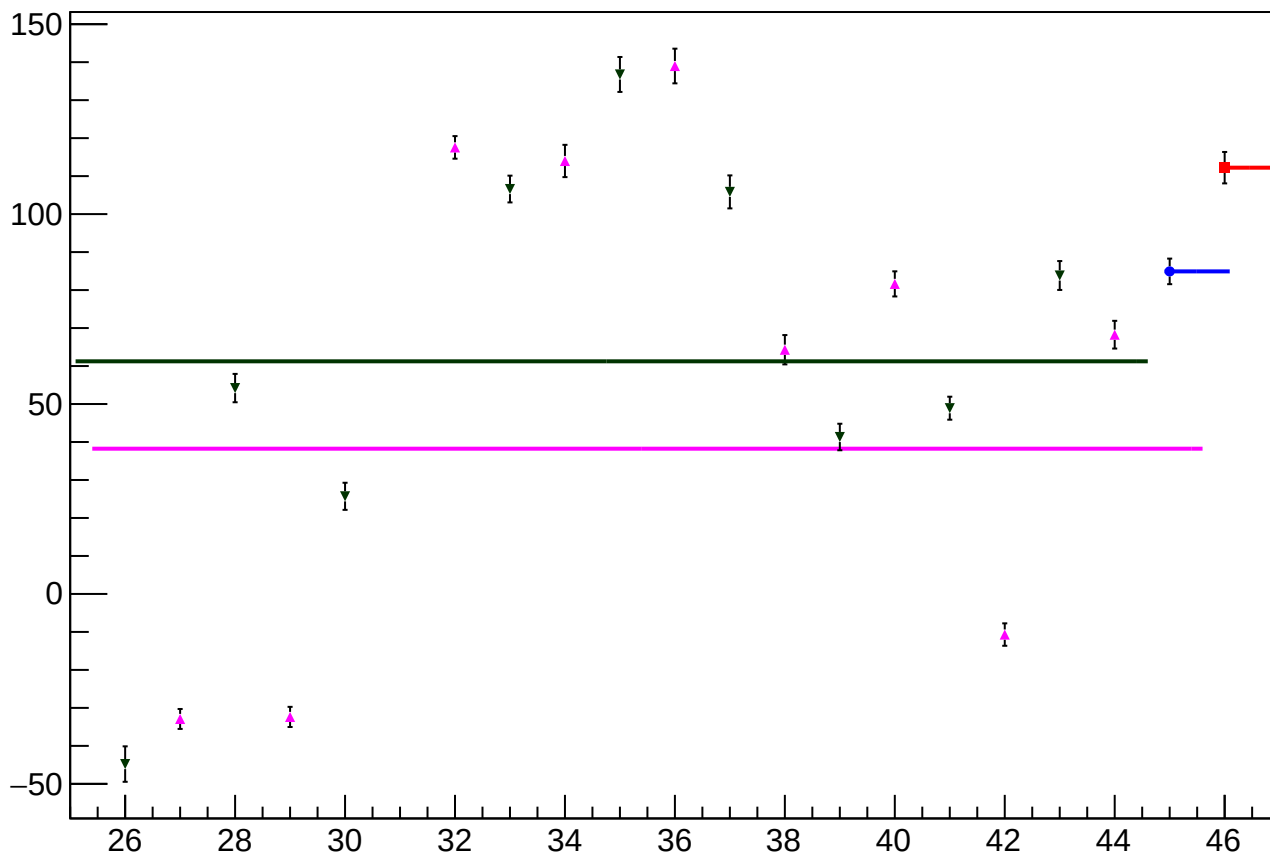
Right Out: -207.762+/-0.520 χ^2/NDF : 0.0/0

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-215.203+/-0.158 χ^2/NDF : 10900.1/9

-212.238+/-0.147 χ^2/NDF : 8124.5/9

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 84.918+/-3.365 χ^2 /NDF: 0.0/0

Left Out: 61.242+/-1.253 χ^2 /NDF:1243.9/8

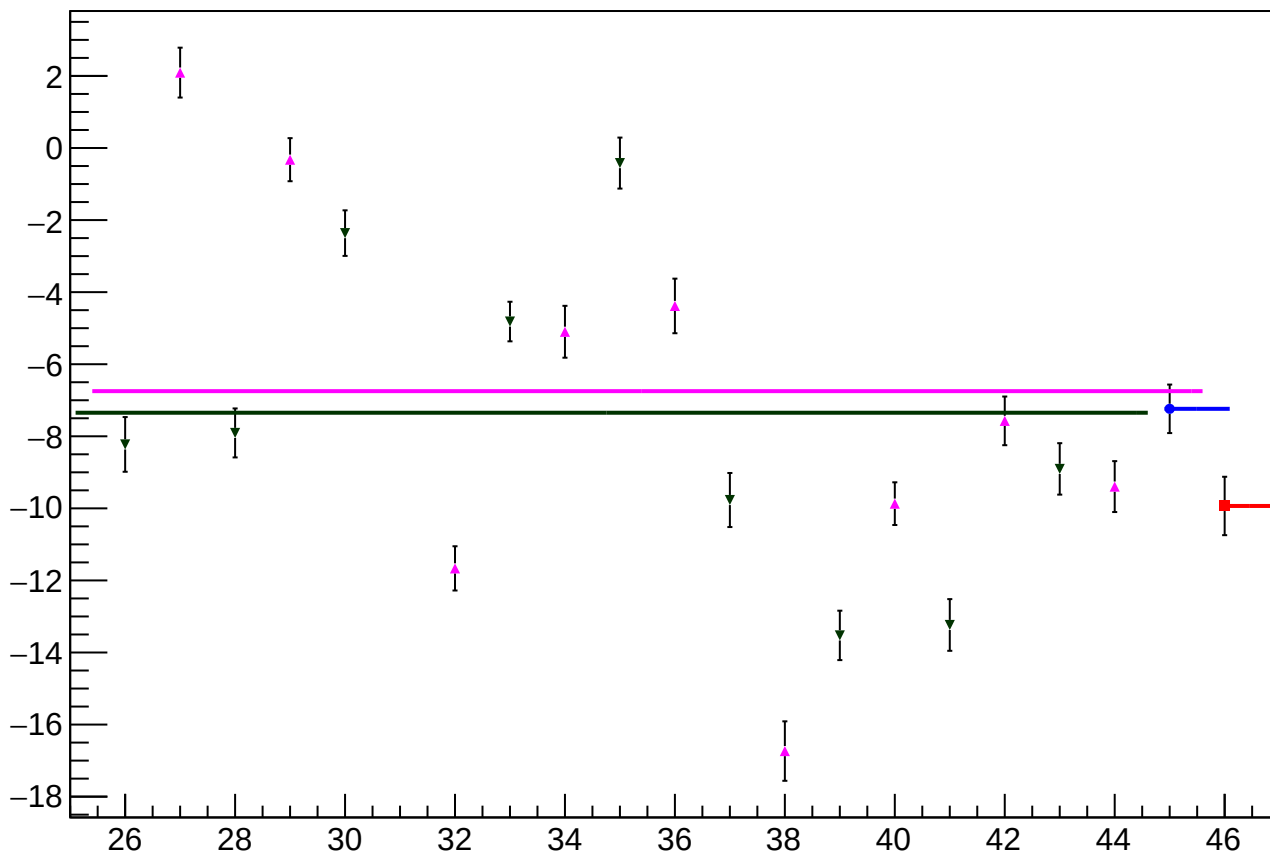
64.122+/-1.174 χ^2 /NDF: 1287.4/9

Right Out: 112.223+/-4.136 χ^2 /NDF: 0.0/0

42.988+/-1.048 χ^2 /NDF: 3819.9/9

Left In: 38.240+/-1.083 χ^2 /NDF:3520.6/8

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -7.238+/-0.673 χ^2/NDF : 0.0/0

Left Out: -7.346+/-0.226 χ^2/NDF : 345.0/8

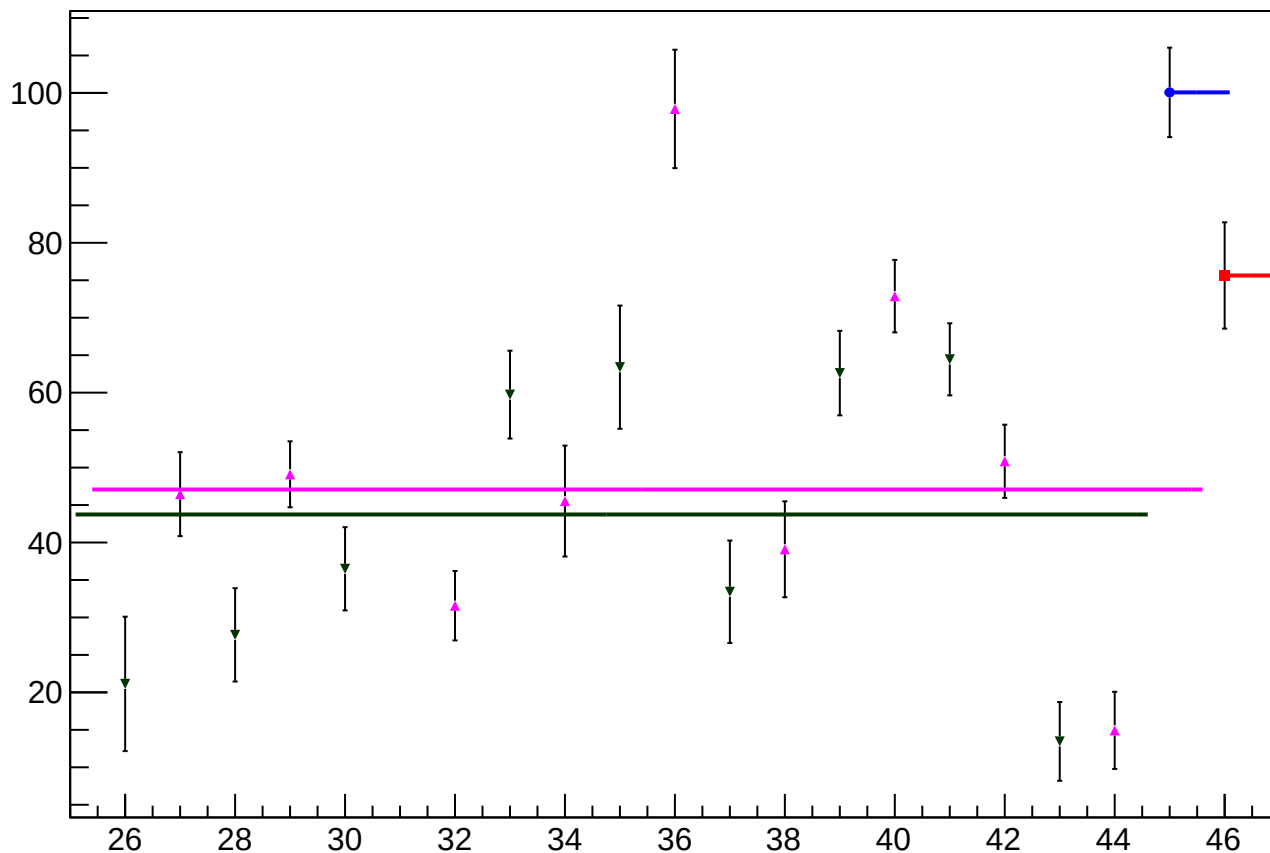
Right Out: -9.934+/-0.810 χ^2/NDF : 0.0/0

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-7.335+/-0.215 χ^2/NDF : 345.0/9

-6.976+/-0.217 χ^2/NDF : 561.9/9

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 100.073 $\pm$ 5.969 χ^2 /NDF: 0.0/0

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

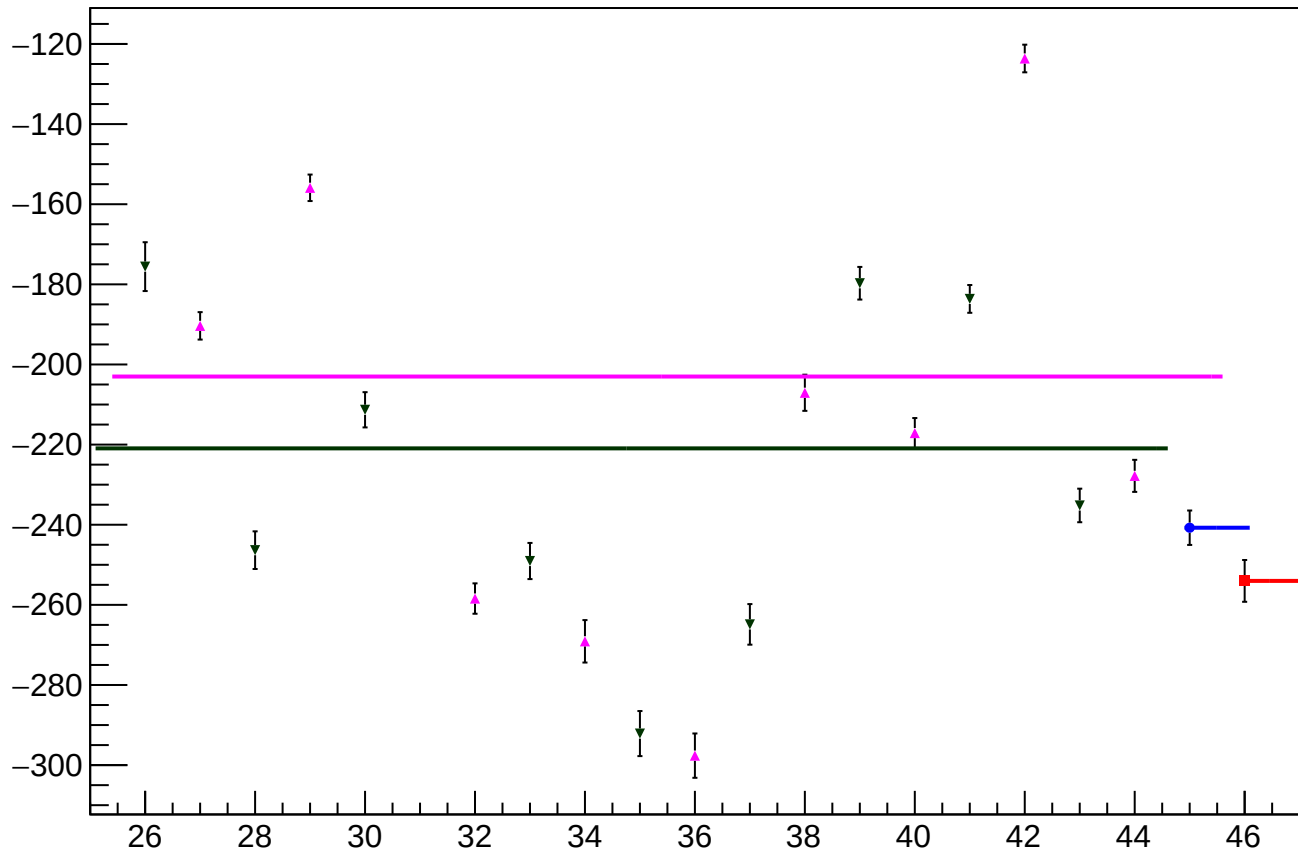
Right Out: 75.640 $\pm$ 7.094 χ^2 /NDF: 0.0/0

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

49.494 $\pm$ 1.908 χ^2 /NDF: 173.0/9

48.793 $\pm$ 1.738 χ^2 /NDF: 137.7/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -240.746+/-4.296 χ^2/NDF : 0.0/0

Left Out: -220.942+/-1.501 χ^2/NDF :593.2/8

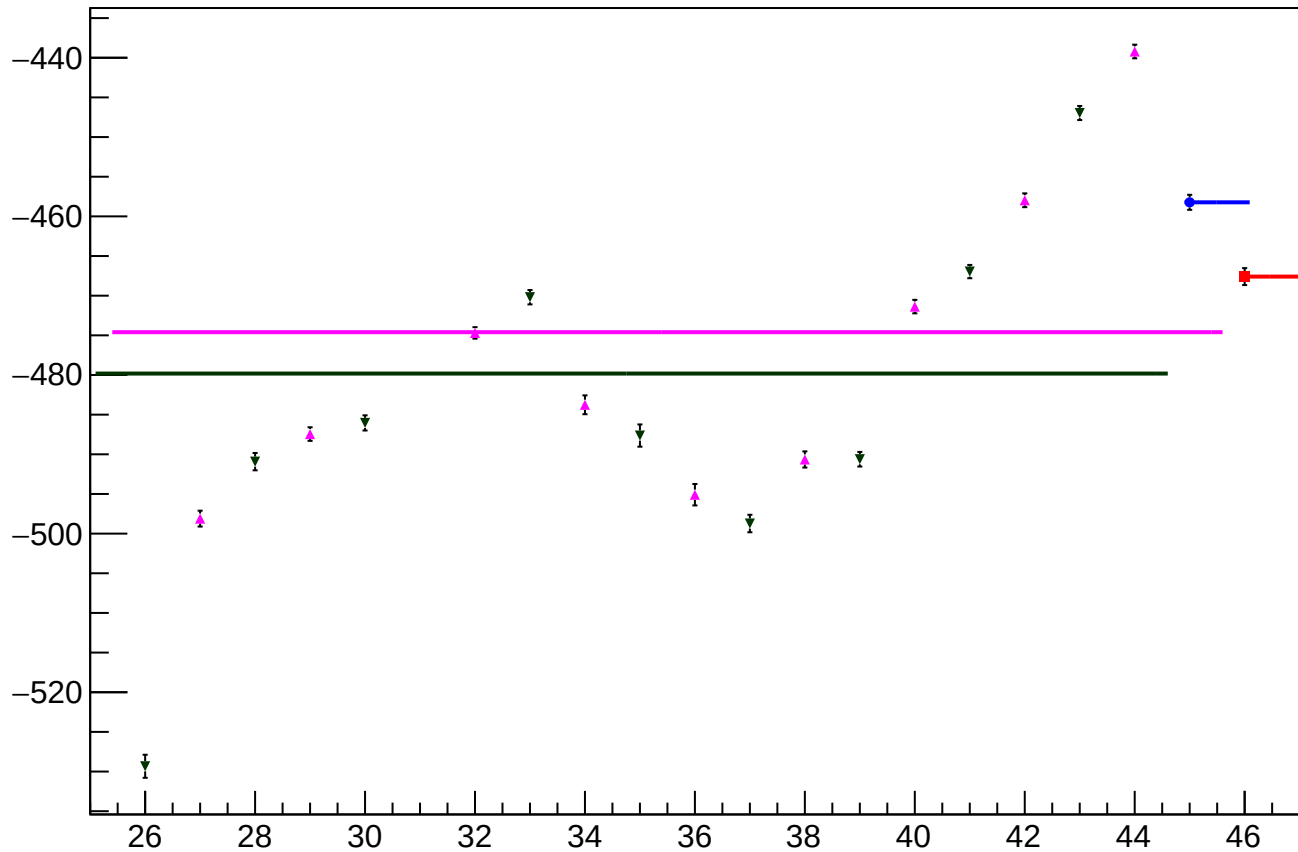
Right Out: -254.020+/-5.215 χ^2/NDF : 0.0/0

Left In: -203.009+/-1.312 χ^2/NDF :1461.1/8

-223.096+/-1.417 χ^2/NDF : 612.2/9

-206.043+/-1.272 χ^2/NDF : 1551.1/9

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -458.228+/-0.948 χ^2/NDF : 0.0/0

Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

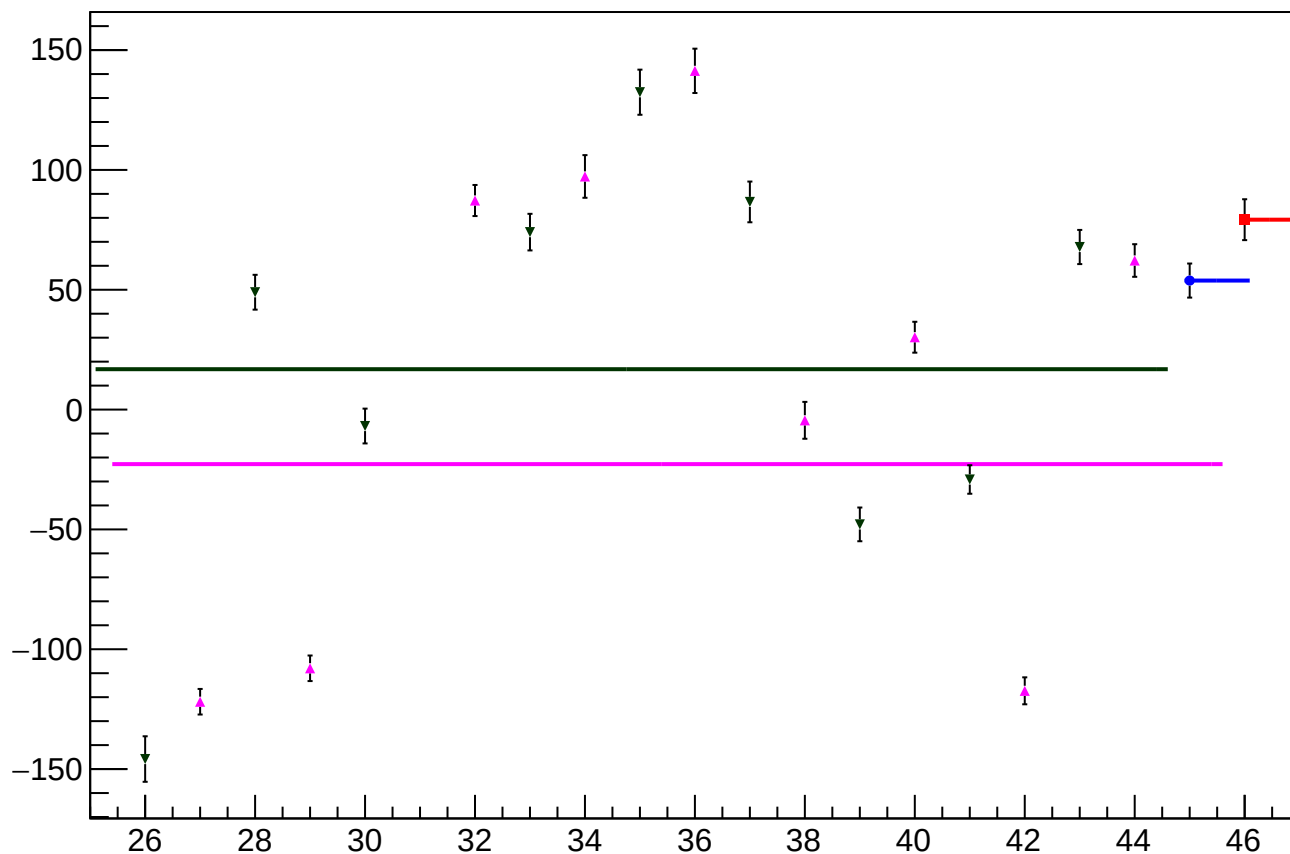
-477.398+/-0.318 χ^2/NDF : 3948.9/9

Right Out: -467.593+/-1.070 χ^2/NDF : 0.0/0

-474.066+/-0.296 χ^2/NDF : 3421.5/9

Left In: -474.602+/-0.308 χ^2/NDF : 3381.8/8

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 53.833+/-7.108 χ^2 /NDF: 0.0/0

Left Out: 16.850+/-2.504 χ^2 /NDF:793.7/8

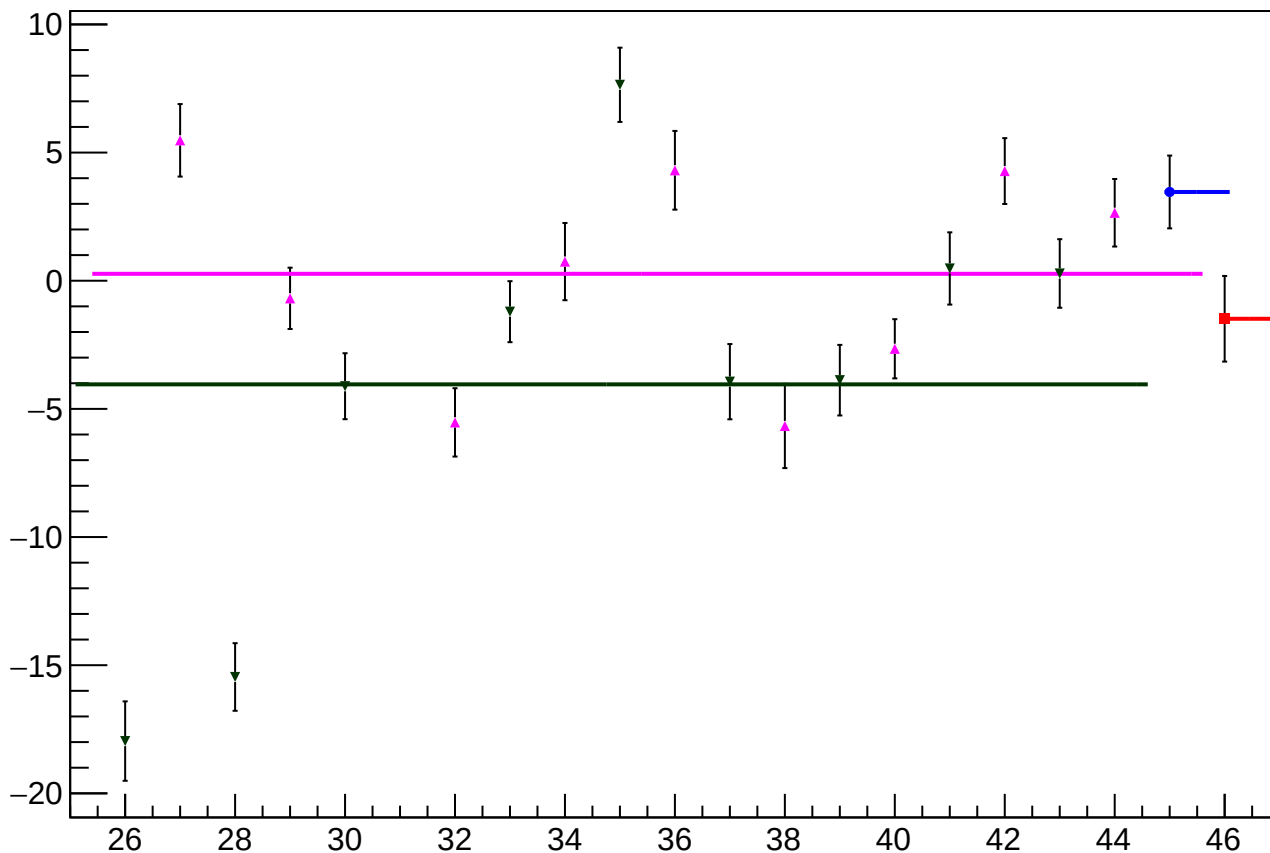
Right Out: 79.236+/-8.529 χ^2 /NDF: 0.0/0

Left In: -22.758+/-2.169 χ^2 /NDF:1896.5/8

20.933+/-2.362 χ^2 /NDF: 817.8/9

-16.563+/-2.102 χ^2 /NDF: 2030.8/9

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 3.463 $\pm$ 1.420 χ^2/NDF : 0.0/0

Left Out: -4.043 $\pm$ 0.455 χ^2/NDF : 247.2/8

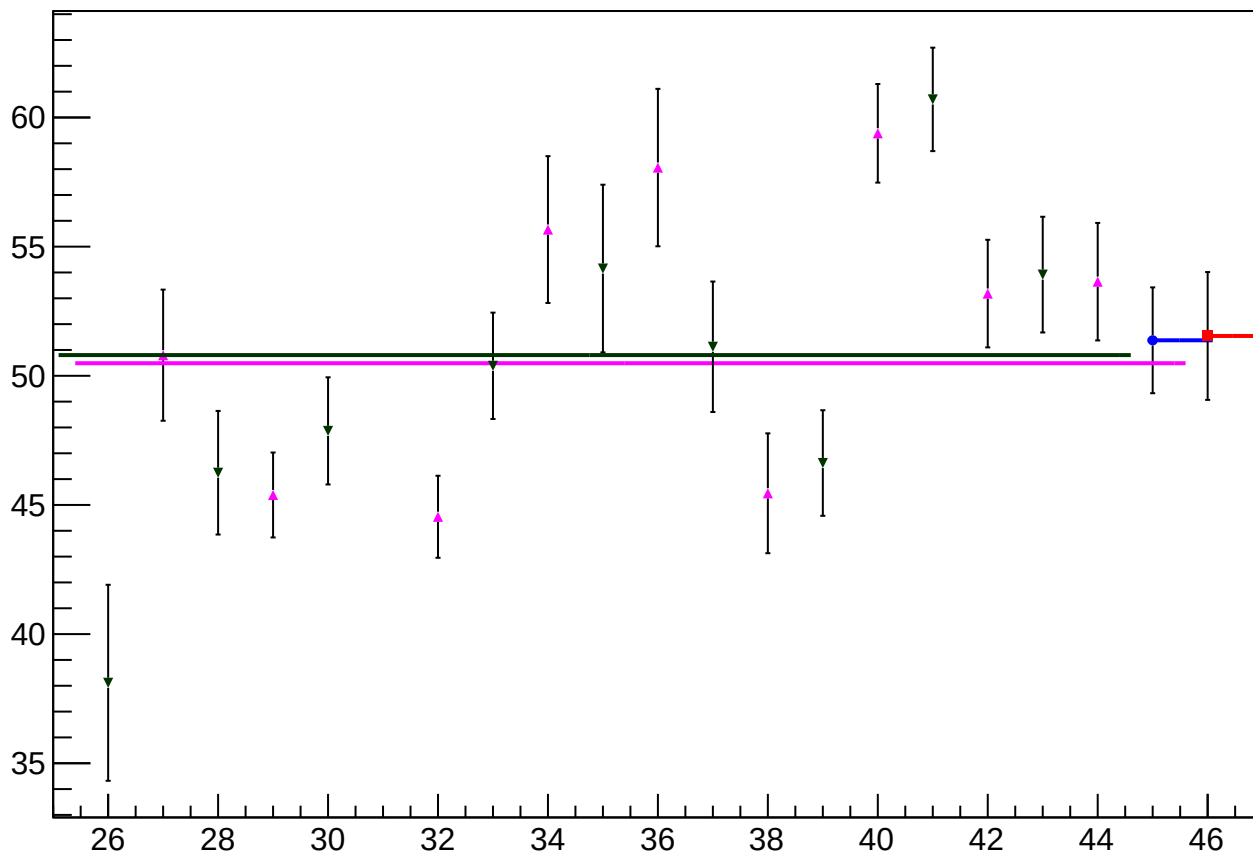
Right Out: -1.484 $\pm$ 1.671 χ^2/NDF : 0.0/0

Left In: 0.270 $\pm$ 0.450 χ^2/NDF : 72.6/8

-3.345 $\pm$ 0.433 χ^2/NDF : 272.5/9

0.151 $\pm$ 0.435 χ^2/NDF : 73.6/9

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 51.374 $\pm$ 2.049 χ^2 /NDF: 0.0/0

Left Out: 50.802 $\pm$ 0.778 χ^2 /NDF: 48.5/8

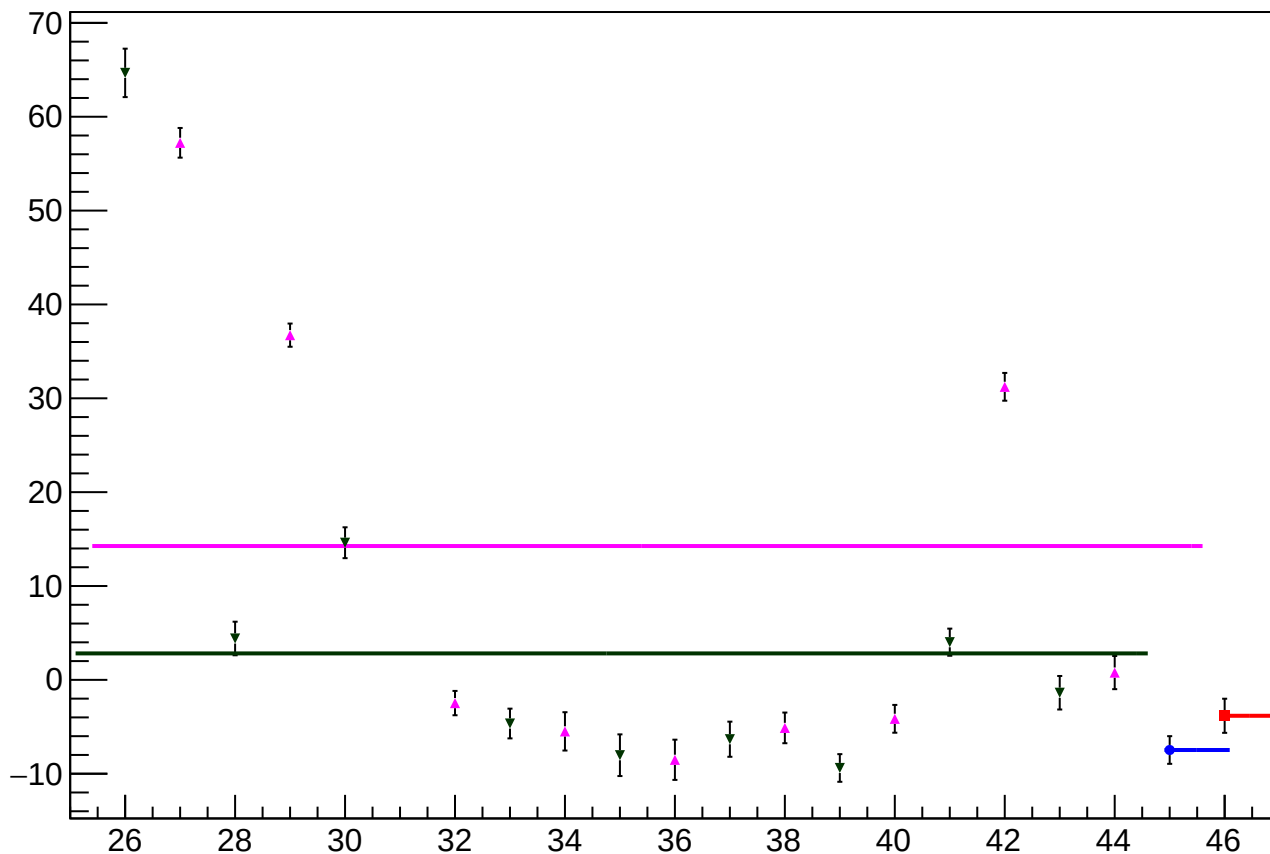
Right Out: 51.542 $\pm$ 2.475 χ^2 /NDF: 0.0/0

Left In: 50.487 $\pm$ 0.701 χ^2 /NDF: 63.2/8

50.874 $\pm$ 0.727 χ^2 /NDF: 48.5/9

50.565 $\pm$ 0.674 χ^2 /NDF: 63.4/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -7.473+/-1.474 χ^2/NDF : 0.0/0

Left Out: 2.819+/-0.580 χ^2/NDF : 771.6/8

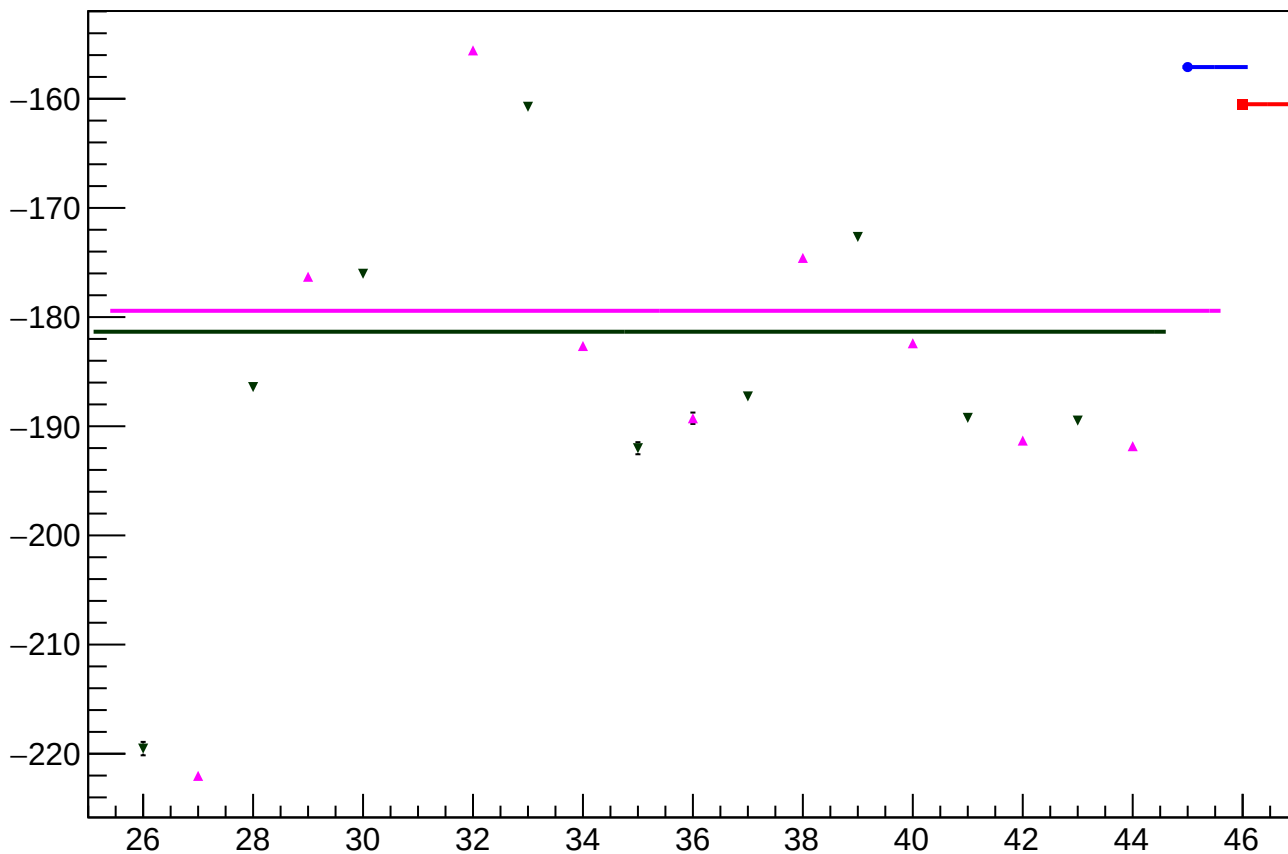
Right Out: -3.827+/-1.817 χ^2/NDF : 0.0/0

Left In: 14.260+/-0.519 χ^2/NDF : 1925.9/8

1.439+/-0.540 χ^2/NDF : 813.8/9

12.897+/-0.499 χ^2/NDF : 2017.5/9

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -157.096+/-0.325 χ^2/NDF : 0.0/0

Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

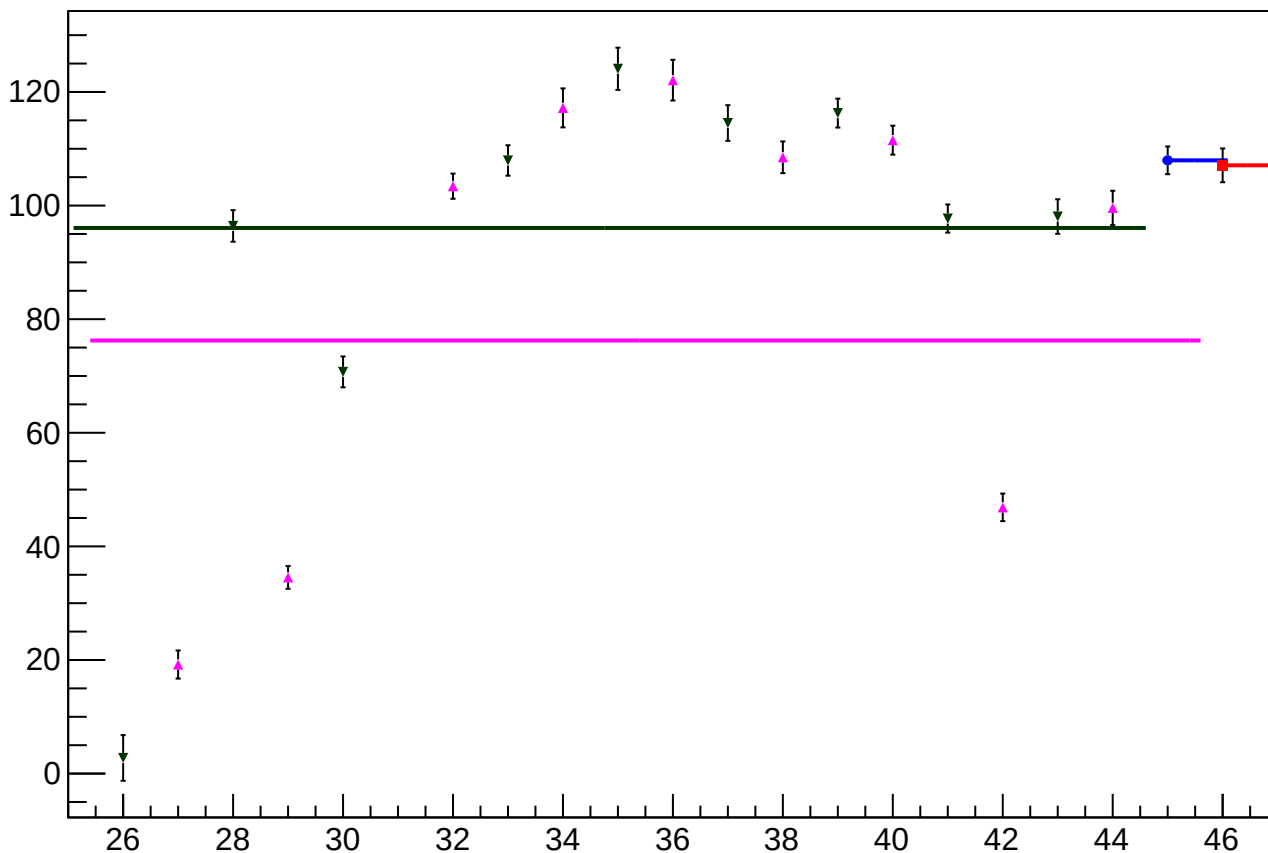
-178.015+/-0.120 χ^2/NDF : 15426.2/9

Right Out: -160.500+/-0.373 χ^2/NDF : 0.0/0

-177.664+/-0.114 χ^2/NDF : 23361.0/9

Left In: -179.424+/-0.120 χ^2/NDF : 21031.4/8

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 107.964 $\pm$ 2.440 χ^2 /NDF: 0.0/0

Left Out: 96.058 $\pm$ 0.969 χ^2 /NDF:800.7/8

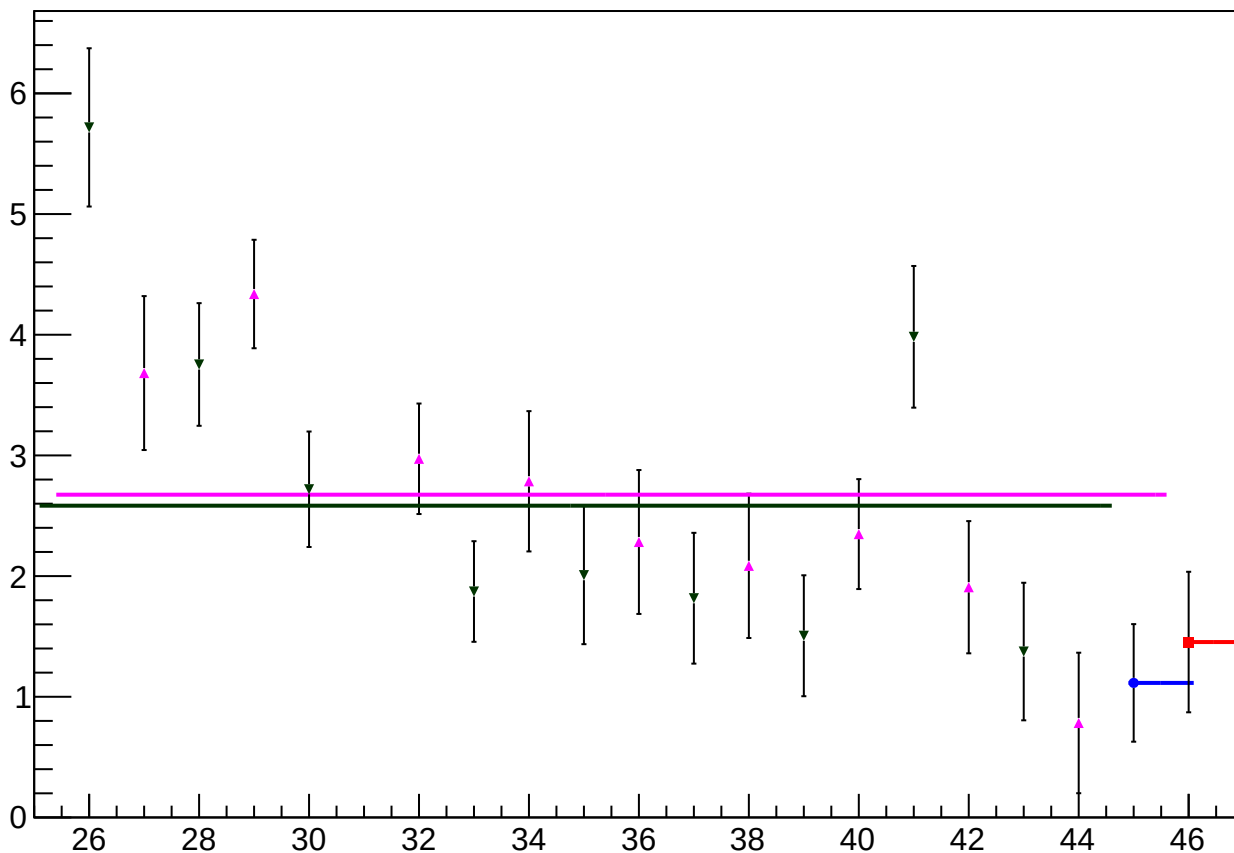
Right Out: 107.084 $\pm$ 2.975 χ^2 /NDF: 0.0/0

Left In: 76.247 $\pm$ 0.863 χ^2 /NDF:1954.9/8

97.680 $\pm$ 0.900 χ^2 /NDF: 821.3/9

78.641 $\pm$ 0.829 χ^2 /NDF: 2054.0/9

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.115 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 2.583 $\pm$ 0.175 χ^2 /NDF: 49.0/8

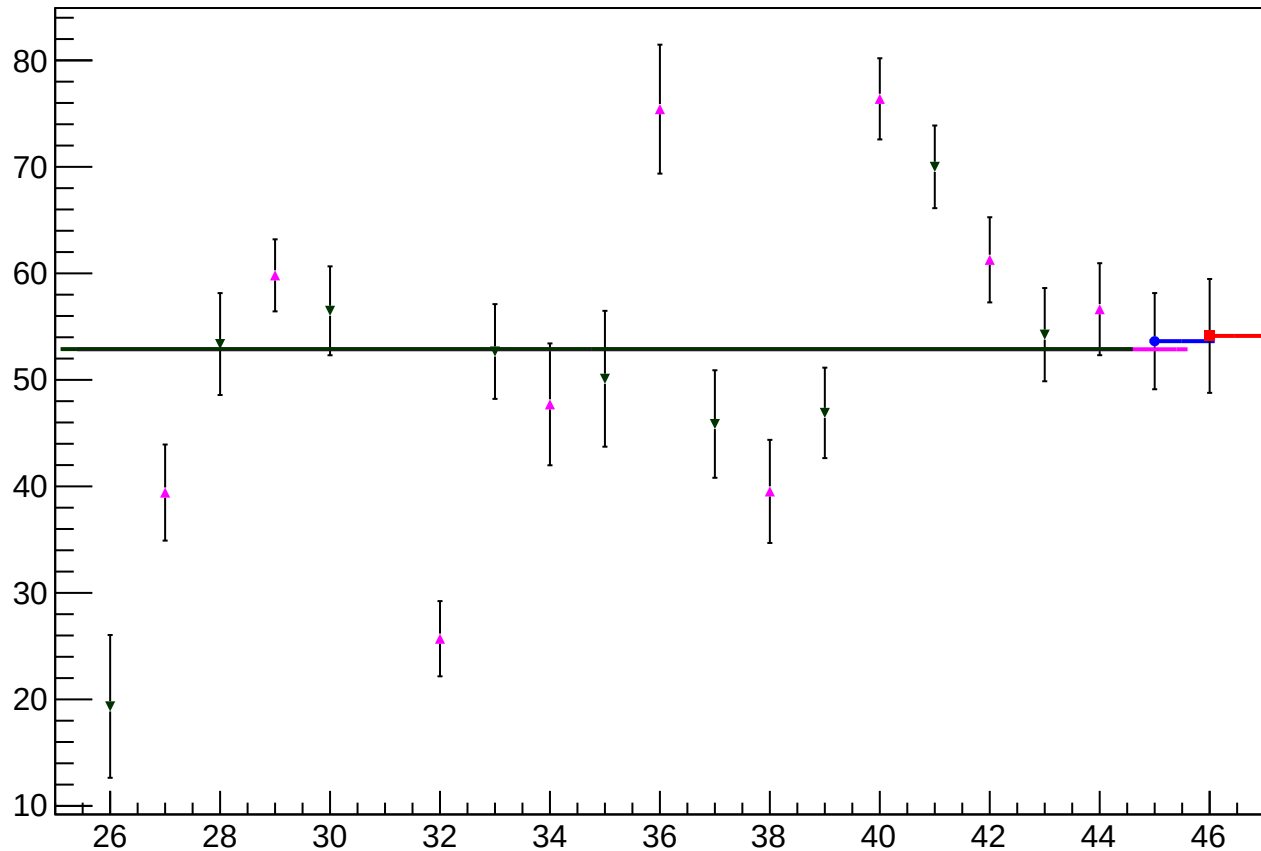
Right Out: 1.454 $\pm$ 0.582 χ^2 /NDF: 0.0/0

Left In: 2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.416 $\pm$ 0.164 χ^2 /NDF: 57.0/9

2.571 $\pm$ 0.170 χ^2 /NDF: 35.1/9

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 53.635+/-4.515 χ^2/NDF : 0.0/0

Left Out: 52.889+/-1.558 χ^2/NDF : 49.5/8

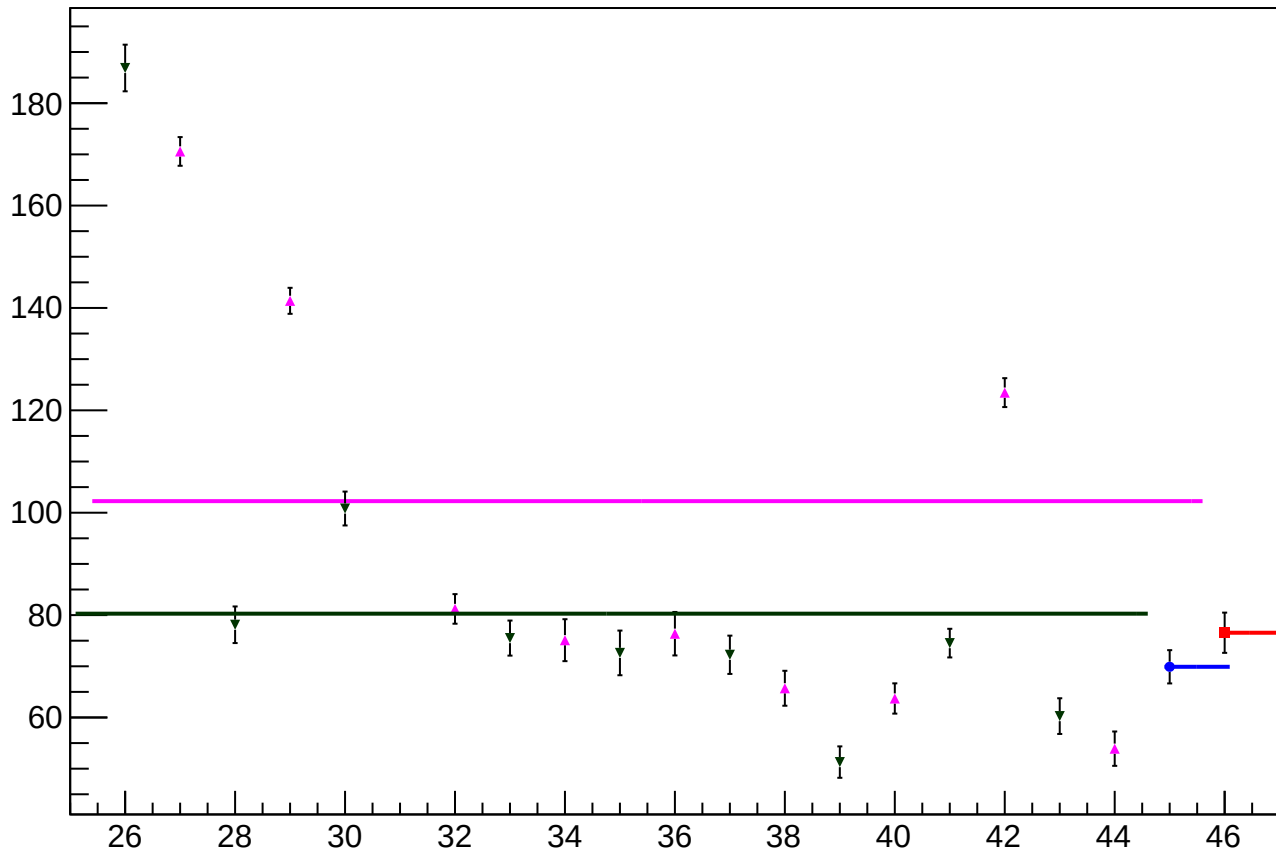
Right Out: 54.128+/-5.347 χ^2/NDF : 0.0/0

Left In: 52.872+/-1.411 χ^2/NDF : 137.9/8

52.968+/-1.473 χ^2/NDF : 49.5/9

52.954+/-1.364 χ^2/NDF : 137.9/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 69.903 $\pm$ 3.249 χ^2 /NDF: 0.0/0

Left Out: 80.279 $\pm$ 1.160 χ^2 /NDF: 722.6/8

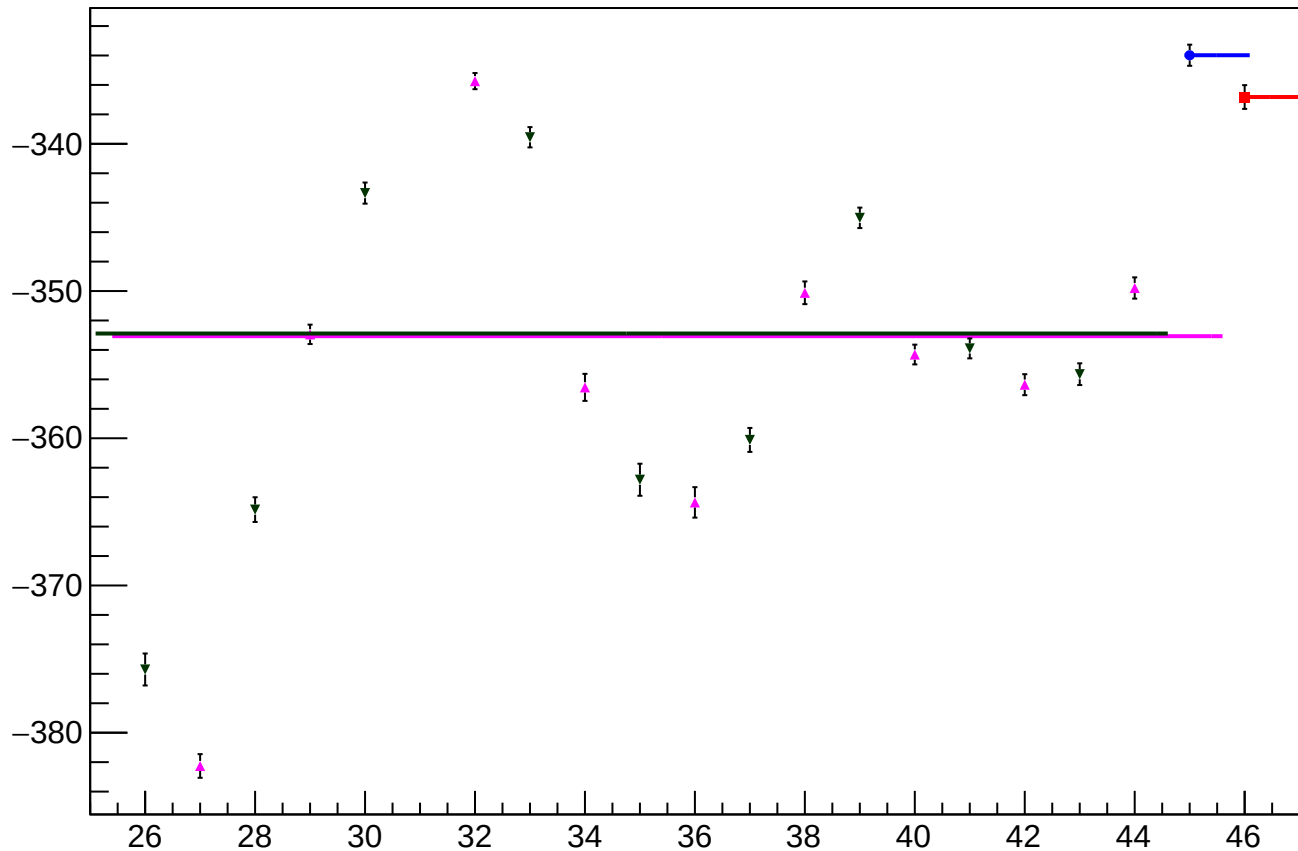
Right Out: 76.555 $\pm$ 3.929 χ^2 /NDF: 0.0/0

Left In: 102.261 $\pm$ 1.036 χ^2 /NDF: 1514.4/8

79.106 $\pm$ 1.092 χ^2 /NDF: 731.7/9

100.590 $\pm$ 1.002 χ^2 /NDF: 1554.4/9

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -333.983+/-0.718 χ^2/NDF : 0.0/0

Left Out: -352.885+/-0.260 χ^2/NDF :1502.5/8

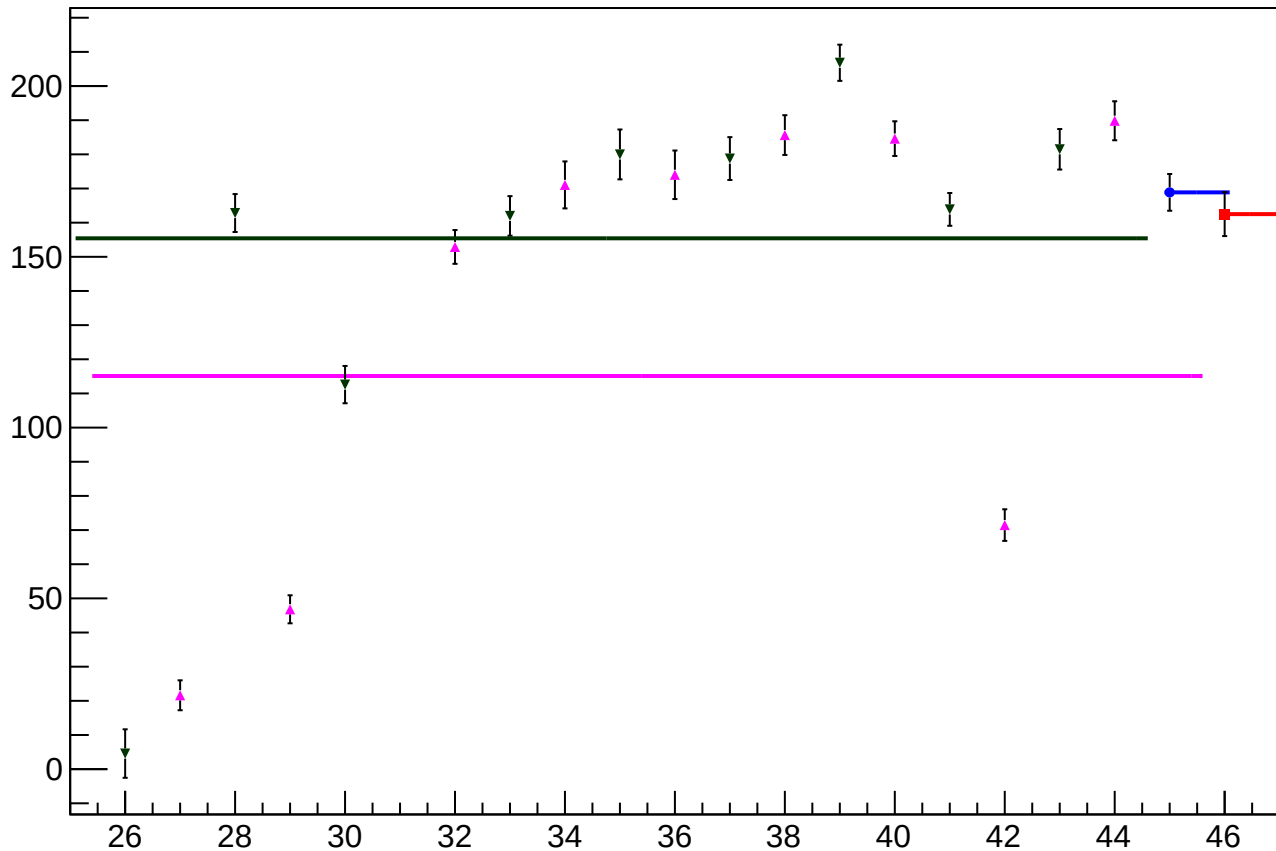
-350.688+/-0.245 χ^2/NDF : 2115.7/9

Right Out: -336.821+/-0.806 χ^2/NDF : 0.0/0

-351.724+/-0.232 χ^2/NDF : 2879.9/9

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 168.868 $\pm$ 5.377 χ^2 /NDF: 0.0/0

Left Out: 155.417 $\pm$ 1.935 χ^2 /NDF:657.8/8

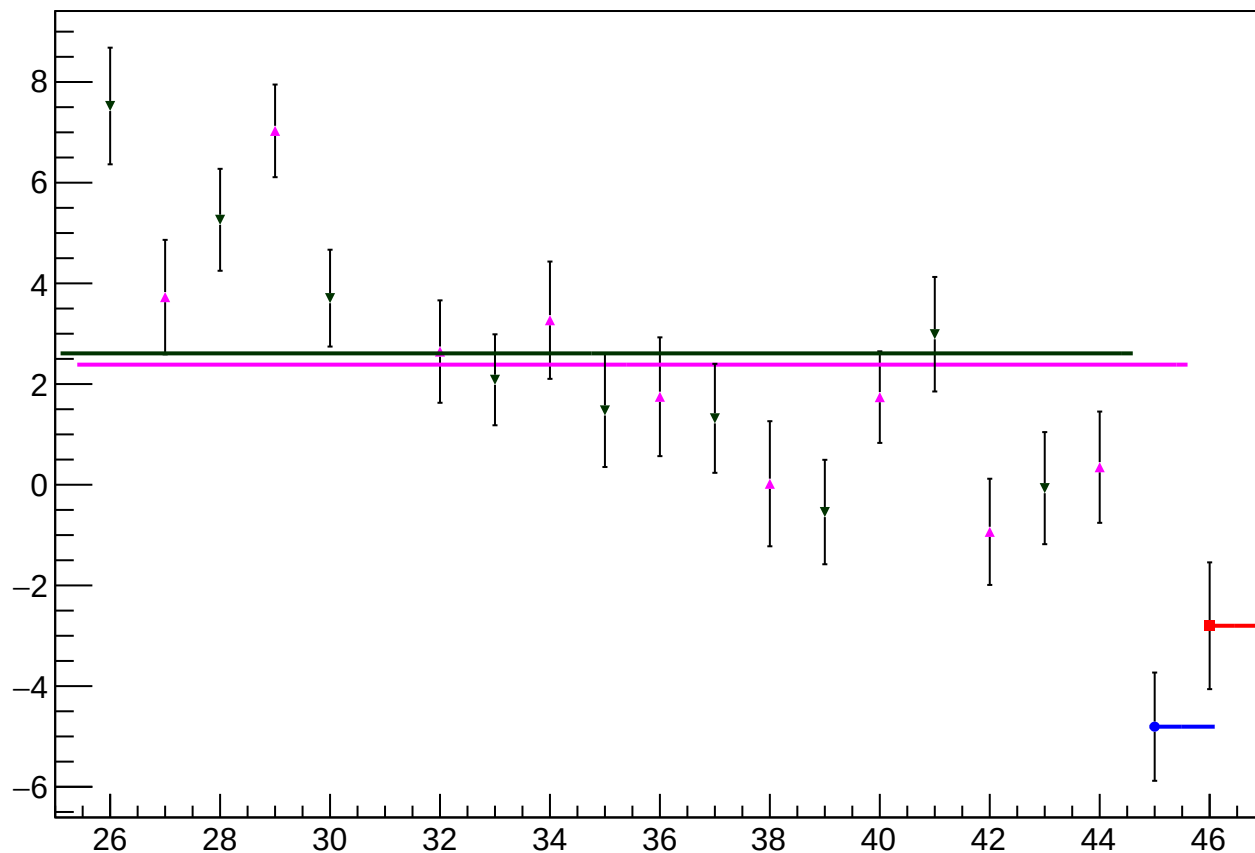
Right Out: 162.504 $\pm$ 6.431 χ^2 /NDF: 0.0/0

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF:1520.3/8

156.958 $\pm$ 1.820 χ^2 /NDF: 663.3/9

118.259 $\pm$ 1.659 χ^2 /NDF: 1571.0/9

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -4.806 $\pm$ 1.075 χ^2 /NDF: 0.0/0

Left Out: 2.609 $\pm$ 0.350 χ^2 /NDF:44.1/8

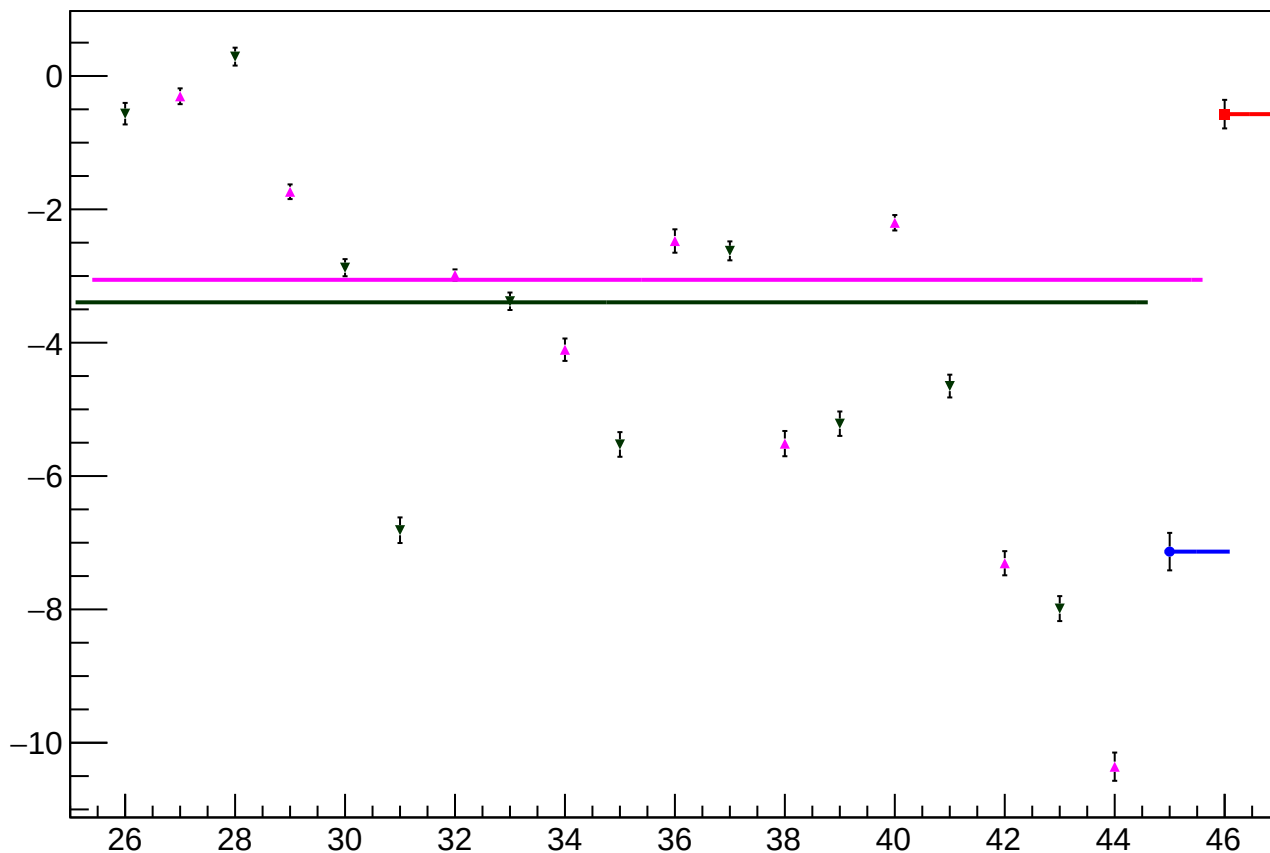
Right Out: -2.801 $\pm$ 1.259 χ^2 /NDF: 0.0/0

Left In: 2.386 $\pm$ 0.355 χ^2 /NDF:45.2/8

1.900 $\pm$ 0.332 χ^2 /NDF: 87.1/9

2.004 $\pm$ 0.341 χ^2 /NDF: 61.0/9

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -7.134+/-0.281 χ^2/NDF : 0.0/0

Left Out: -3.394+/-0.049 χ^2/NDF :2310.5/9

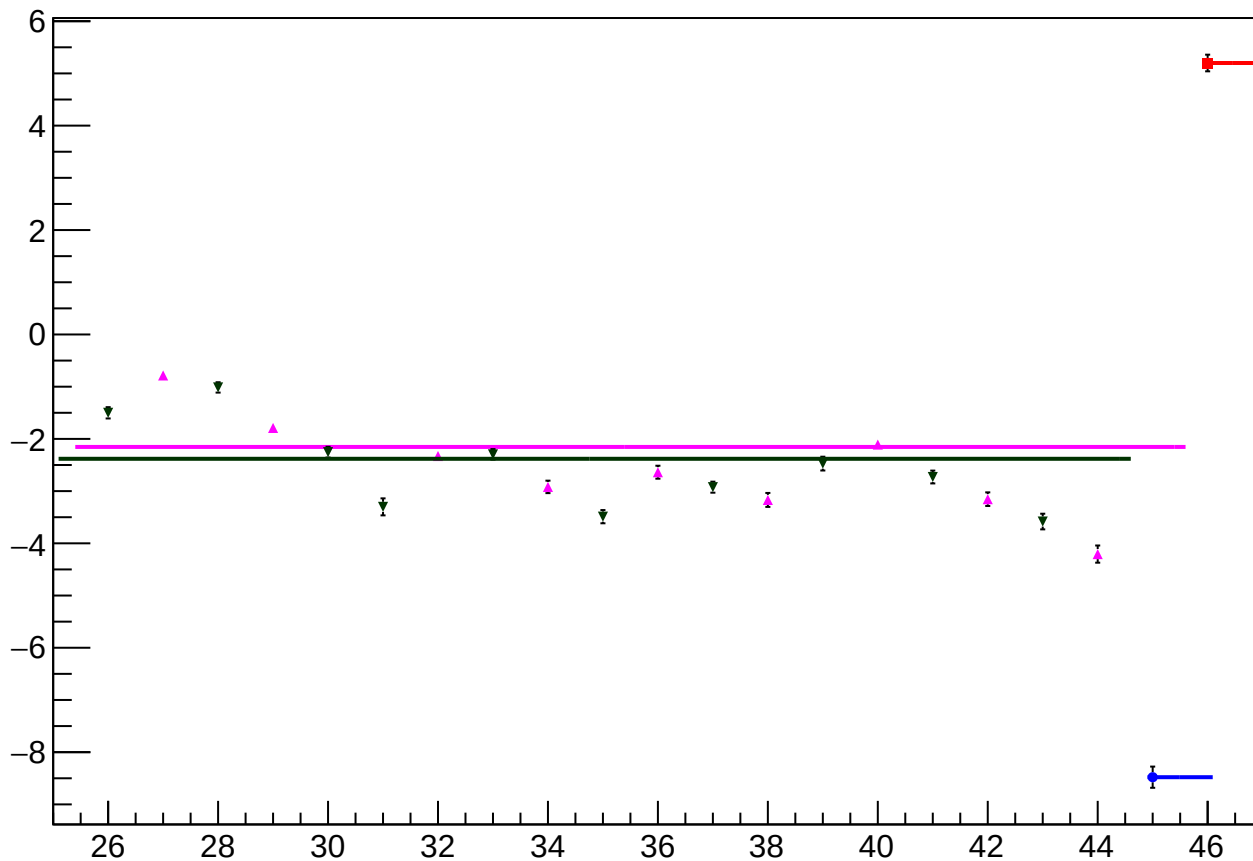
Right Out: -0.572+/-0.214 χ^2/NDF : 0.0/0

Left In: -3.057+/-0.044 χ^2/NDF :2696.4/8

-3.506+/-0.049 χ^2/NDF : 2482.2/10

-2.956+/-0.043 χ^2/NDF : 2825.5/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: -8.479+/-0.203 χ^2 /NDF: 0.0/0

Left Out: -2.381+/-0.037 χ^2 /NDF:466.1/9

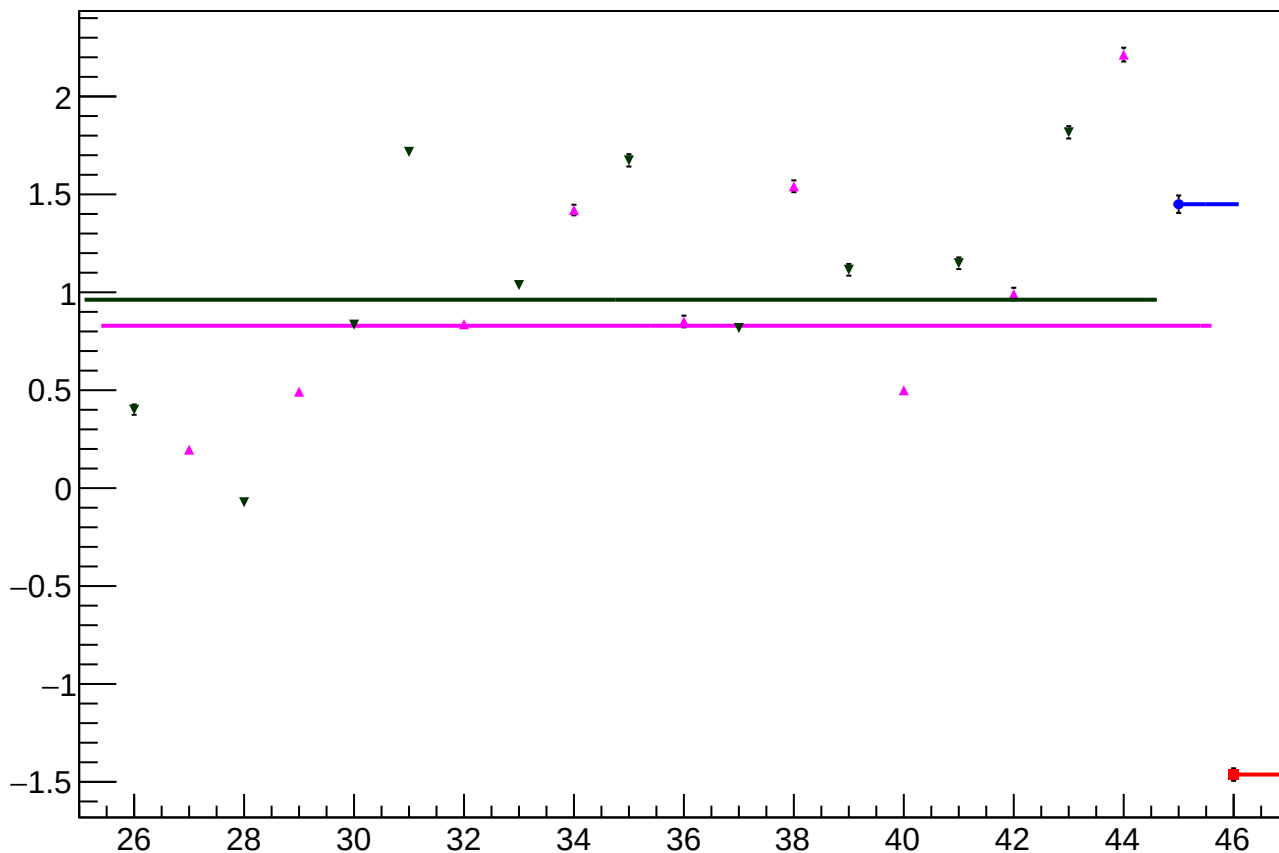
-2.575+/-0.036 χ^2 /NDF: 1339.1/10

Right Out: 5.199+/-0.159 χ^2 /NDF: 0.0/0

-1.861+/-0.032 χ^2 /NDF: 2744.2/9

Left In: -2.154+/-0.032 χ^2 /NDF:703.0/8

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: 1.450 $\pm$ 0.045 χ^2 /NDF: 0.0/0

Left Out: 0.962 $\pm$ 0.008 χ^2 /NDF:4690.6/9

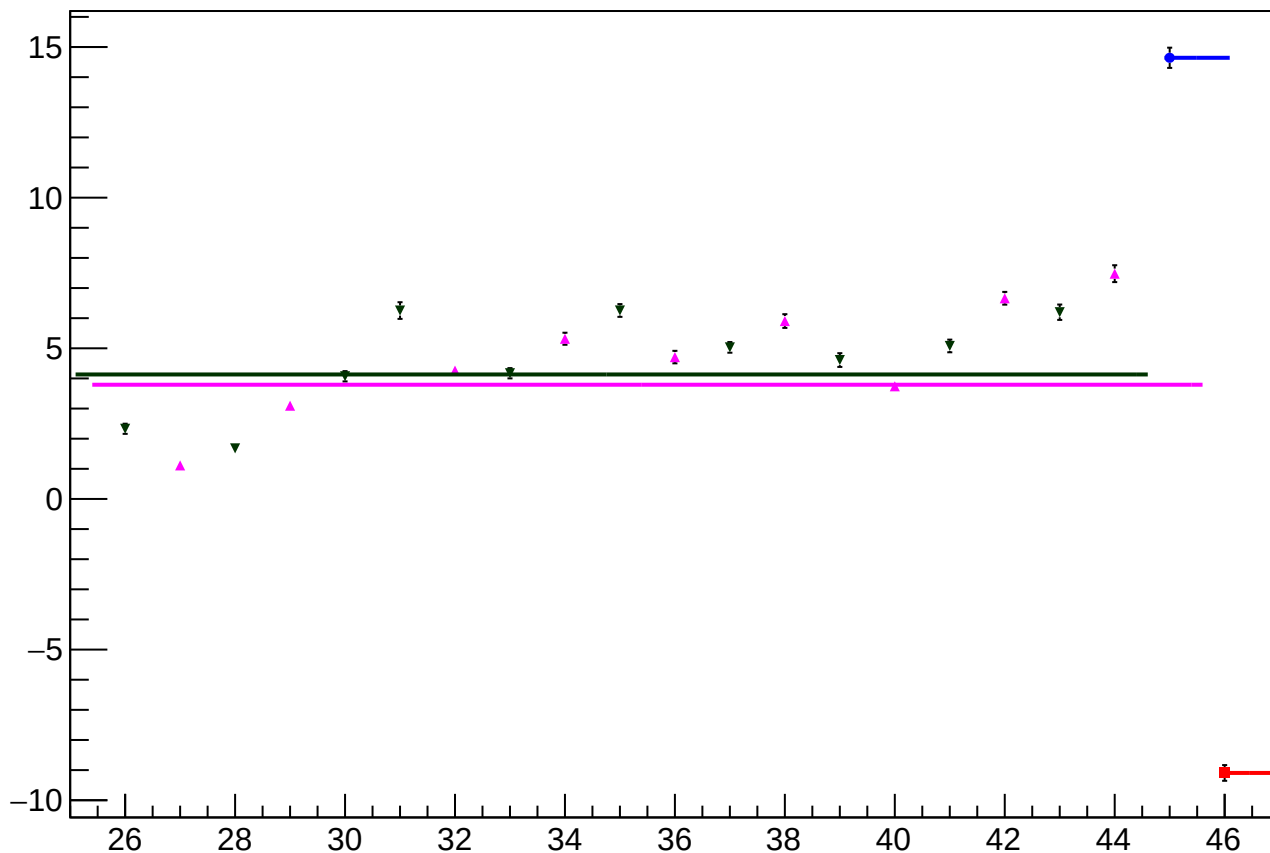
0.977 $\pm$ 0.008 χ^2 /NDF: 4805.6/10

Right Out: -1.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

0.711 $\pm$ 0.007 χ^2 /NDF: 8846.7/9

Left In: 0.829 $\pm$ 0.007 χ^2 /NDF:3974.9/8

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: 14.643 $\pm$ 0.336 χ^2 /NDF: 0.0/0

Left Out: 4.132 $\pm$ 0.061 χ^2 /NDF: 639.2/9

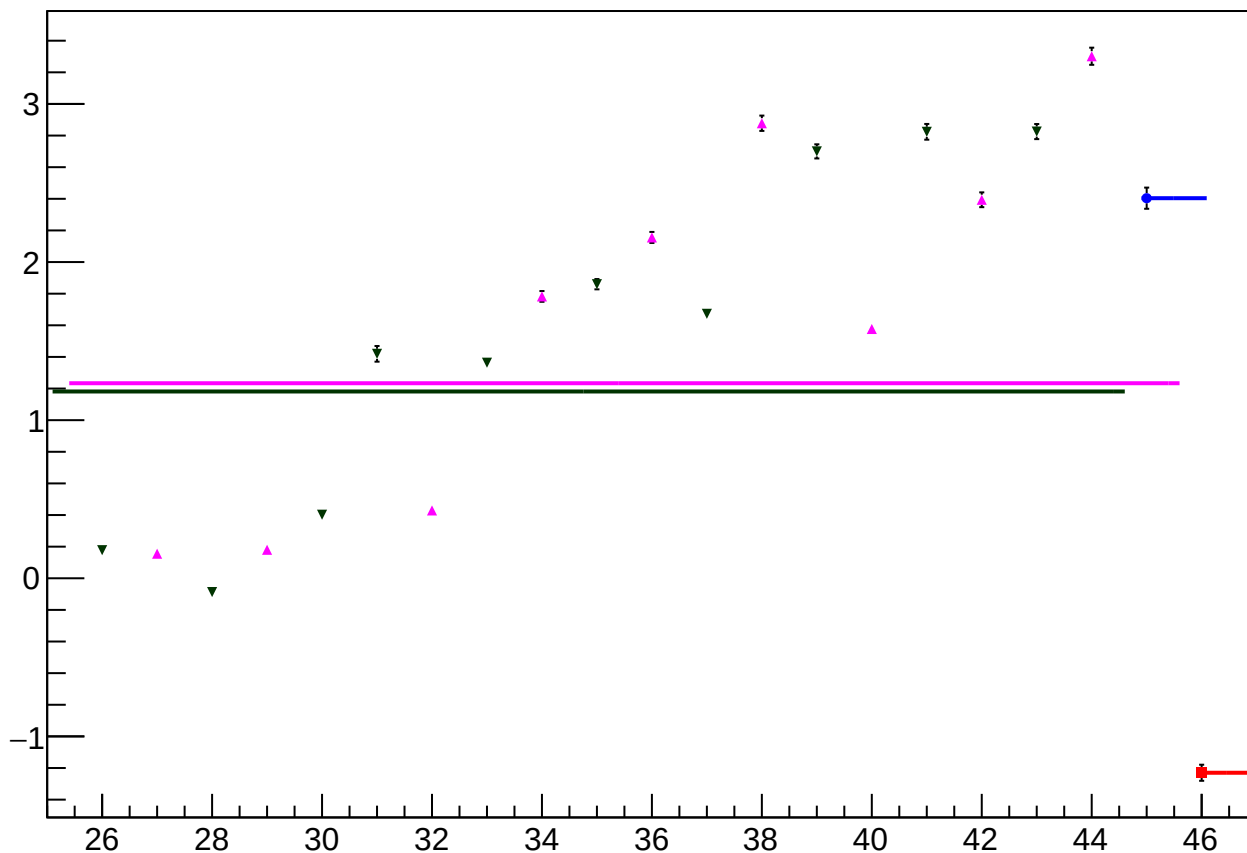
Right Out: -9.094 $\pm$ 0.261 χ^2 /NDF: 0.0/0

Left In: 3.791 $\pm$ 0.054 χ^2 /NDF: 1110.0/8

4.466 $\pm$ 0.060 χ^2 /NDF: 1587.7/10

3.267 $\pm$ 0.053 χ^2 /NDF: 3451.9/9

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: 2.404 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Left Out: 1.181 $\pm$ 0.011 χ^2 /NDF: 8123.1/9

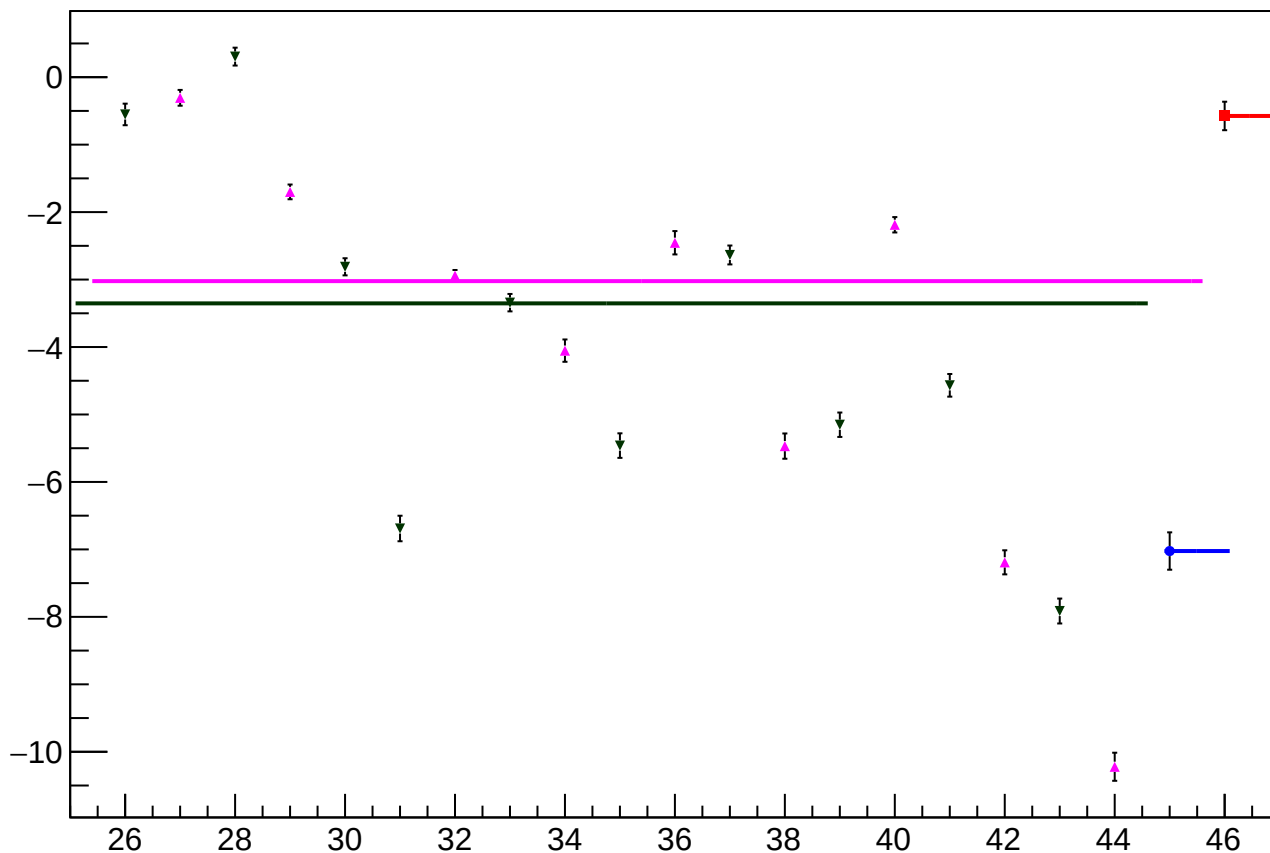
Right Out: -1.230 $\pm$ 0.051 χ^2 /NDF: 0.0/0

Left In: 1.234 $\pm$ 0.011 χ^2 /NDF: 7862.9/8

1.212 $\pm$ 0.011 χ^2 /NDF: 8448.0/10

1.121 $\pm$ 0.011 χ^2 /NDF: 10100.4/9

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -7.024+/-0.277 χ^2/NDF : 0.0/0

Left Out: -3.353+/-0.049 χ^2/NDF : 2320.8/9

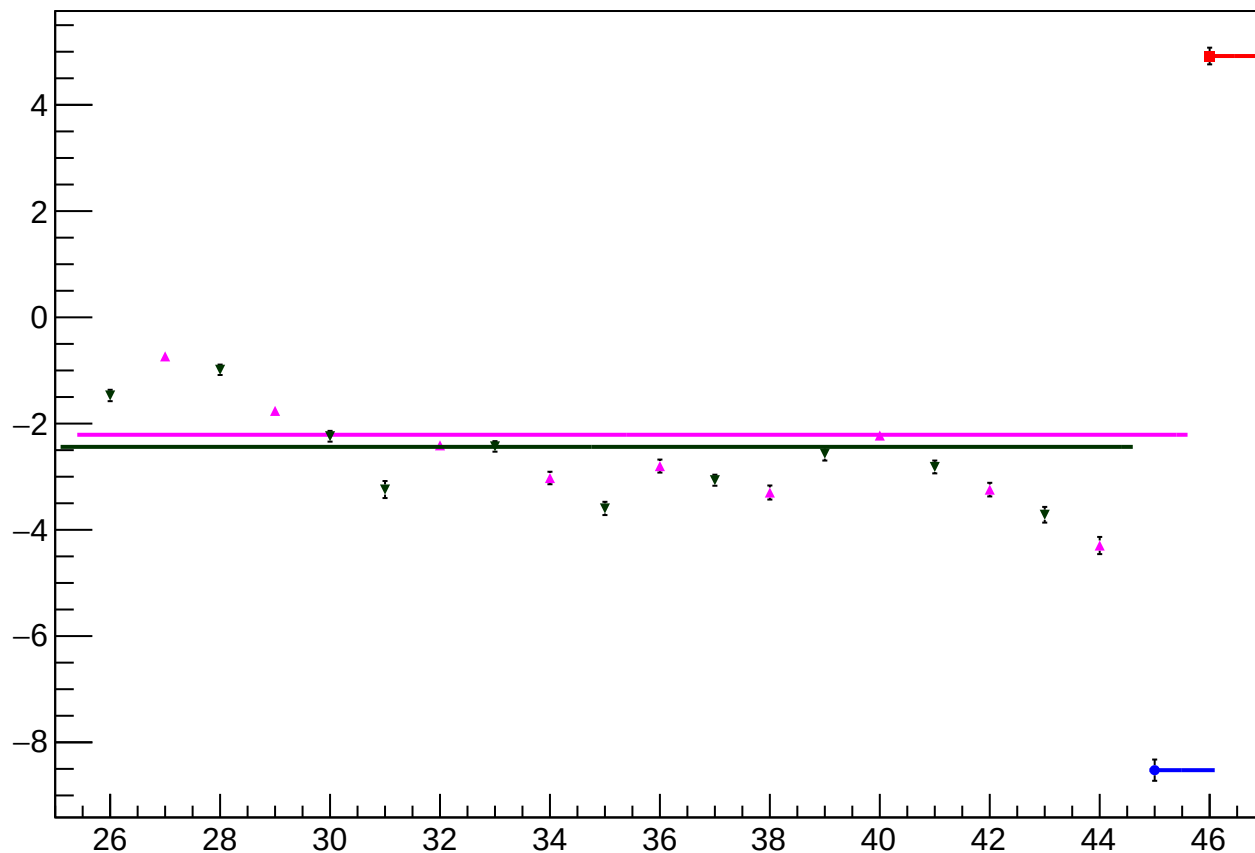
Right Out: -0.575+/-0.211 χ^2/NDF : 0.0/0

Left In: -3.023+/-0.043 χ^2/NDF : 2702.0/8

-3.463+/-0.048 χ^2/NDF : 2491.2/10

-2.924+/-0.043 χ^2/NDF : 2831.0/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: -8.524+/-0.200 χ^2/NDF : 0.0/0

Left Out: -2.438+/-0.036 χ^2/NDF : 538.5/9

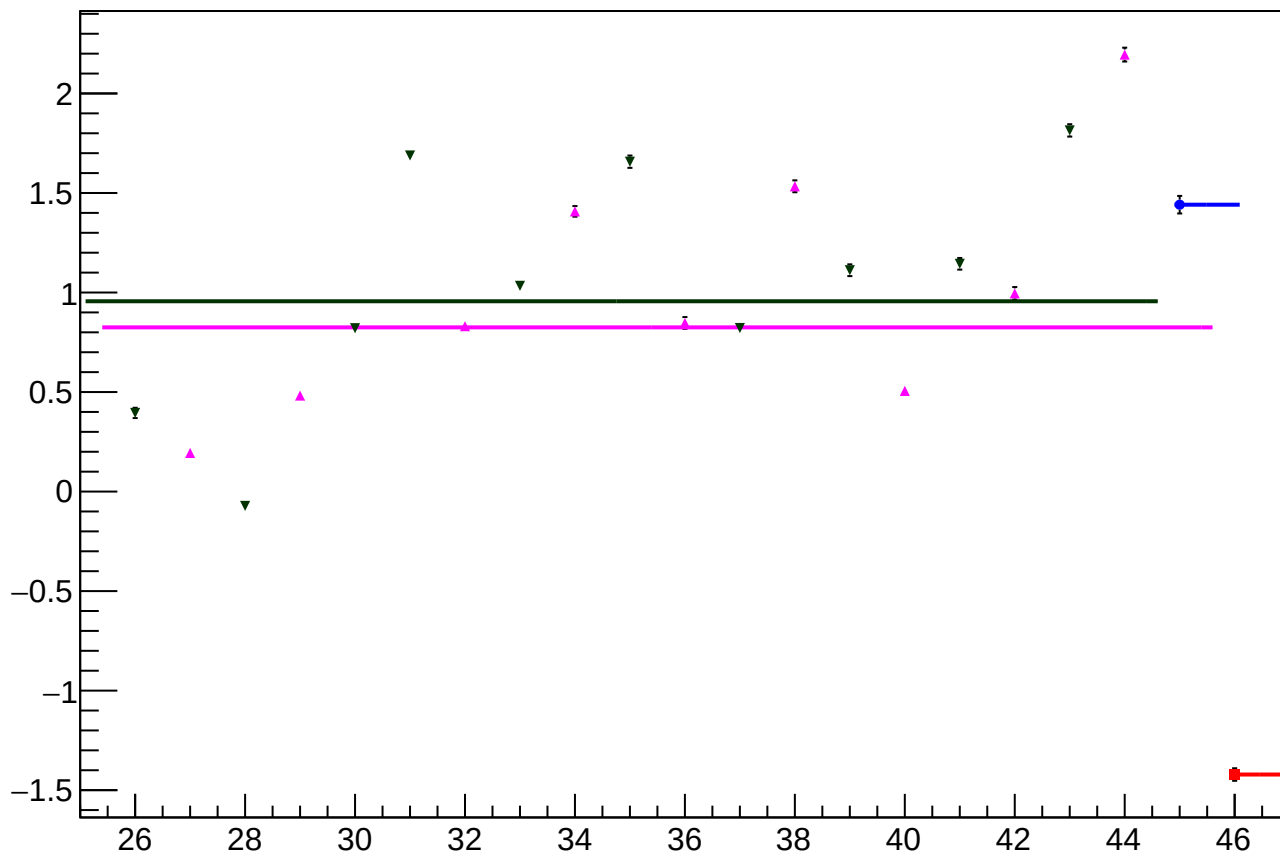
Right Out: 4.919+/-0.157 χ^2/NDF : 0.0/0

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

-2.632+/-0.036 χ^2/NDF : 1434.1/10

-1.926+/-0.031 χ^2/NDF : 2796.2/9

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: 1.441 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.956 $\pm$ 0.008 χ^2 /NDF:4739.0/9

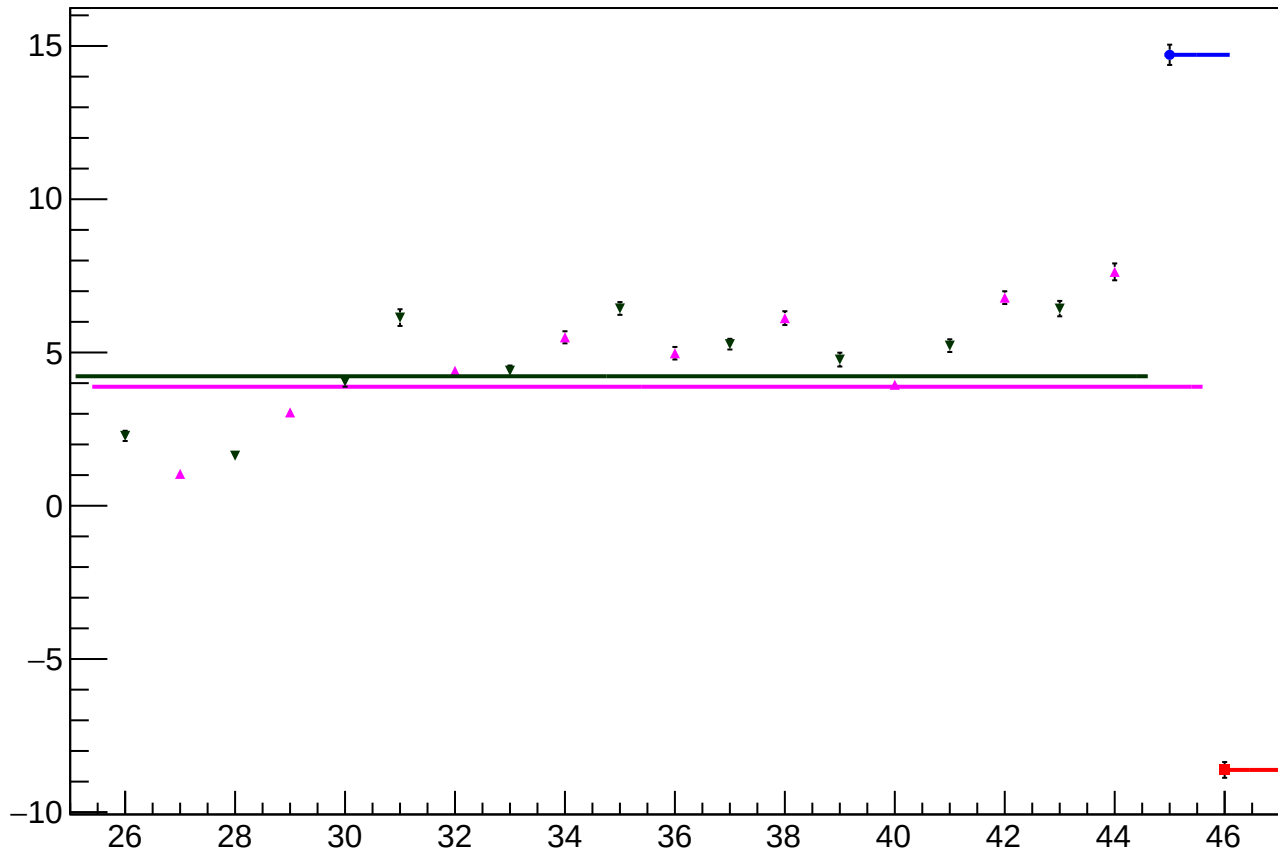
Right Out: -1.421 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left In: 0.825 $\pm$ 0.007 χ^2 /NDF:4028.9/8

0.971 $\pm$ 0.008 χ^2 /NDF: 4856.2/10

0.709 $\pm$ 0.007 χ^2 /NDF: 8845.0/9

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: 14.712 $\pm$ 0.331 χ^2 /NDF: 0.0/0

Left Out: 4.225 $\pm$ 0.060 χ^2 /NDF: 727.8/9

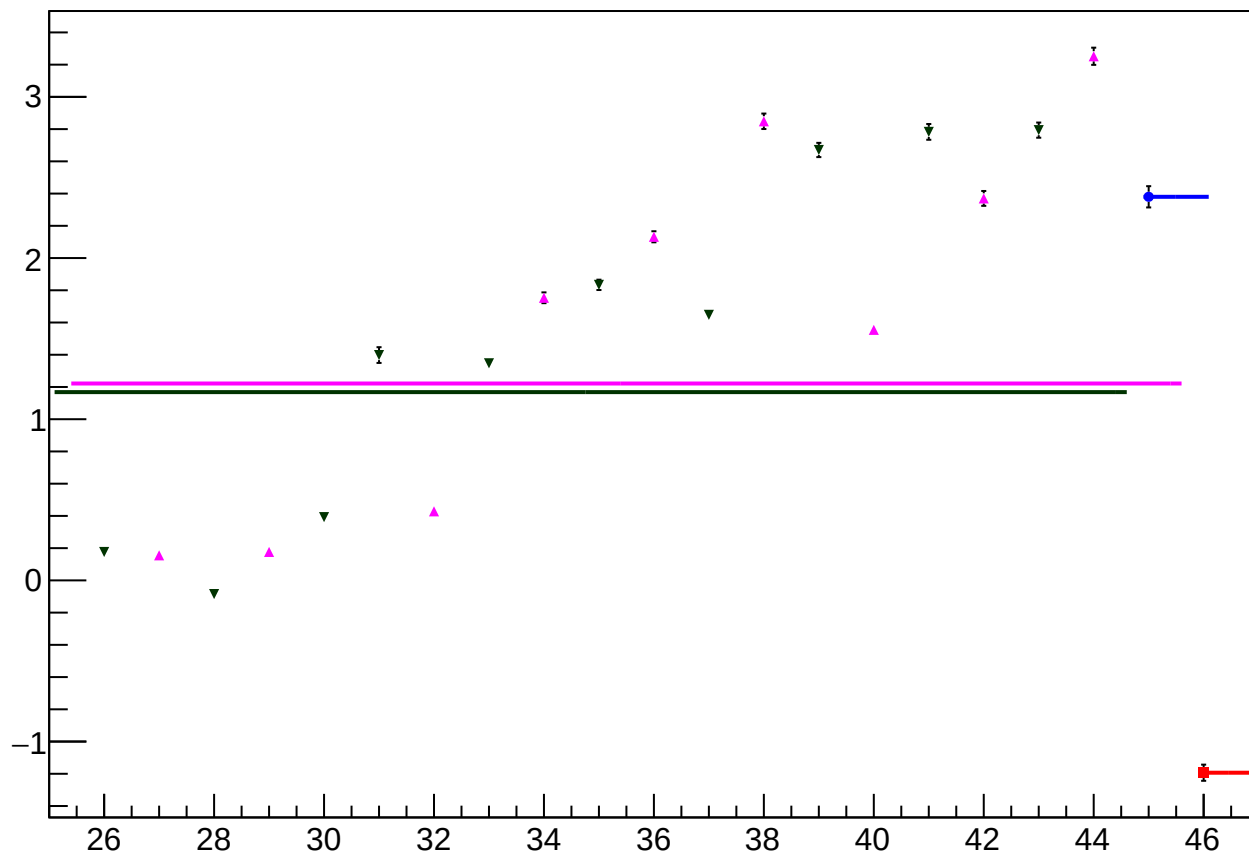
Right Out: -8.618 $\pm$ 0.257 χ^2 /NDF: 0.0/0

Left In: 3.882 $\pm$ 0.053 χ^2 /NDF: 1263.9/8

4.559 $\pm$ 0.059 χ^2 /NDF: 1700.4/10

3.372 $\pm$ 0.052 χ^2 /NDF: 3531.0/9

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: 2.380 $\pm$ 0.066 χ^2 /NDF: 0.0/0

Left Out: 1.168 $\pm$ 0.011 χ^2 /NDF: 8132.7/9

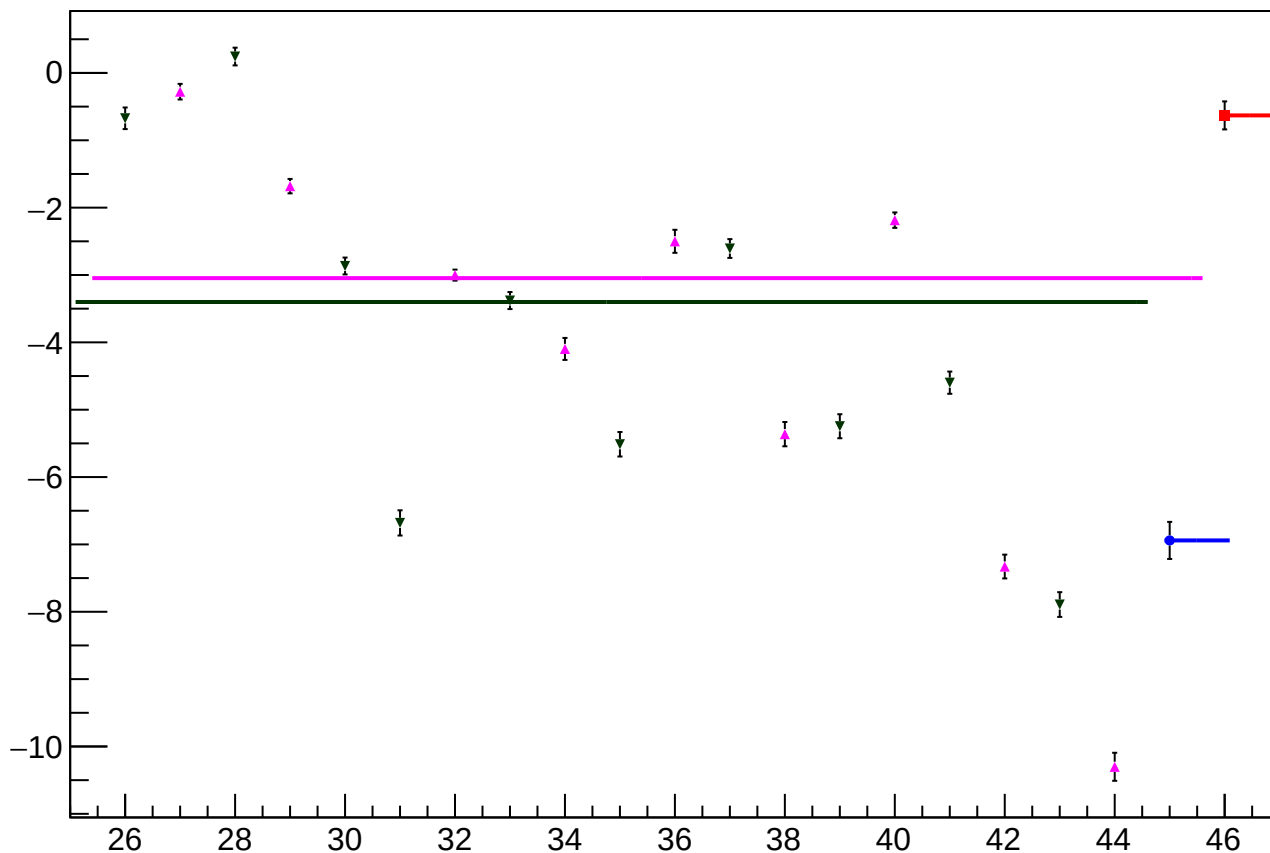
Right Out: -1.193 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Left In: 1.222 $\pm$ 0.011 χ^2 /NDF: 7856.1/8

1.198 $\pm$ 0.010 χ^2 /NDF: 8461.6/10

1.111 $\pm$ 0.011 χ^2 /NDF: 10067.8/9

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -6.941 ± 0.275 χ^2/NDF : 0.0/0

Left Out: -3.401 ± 0.048 χ^2/NDF : 2306.6/9

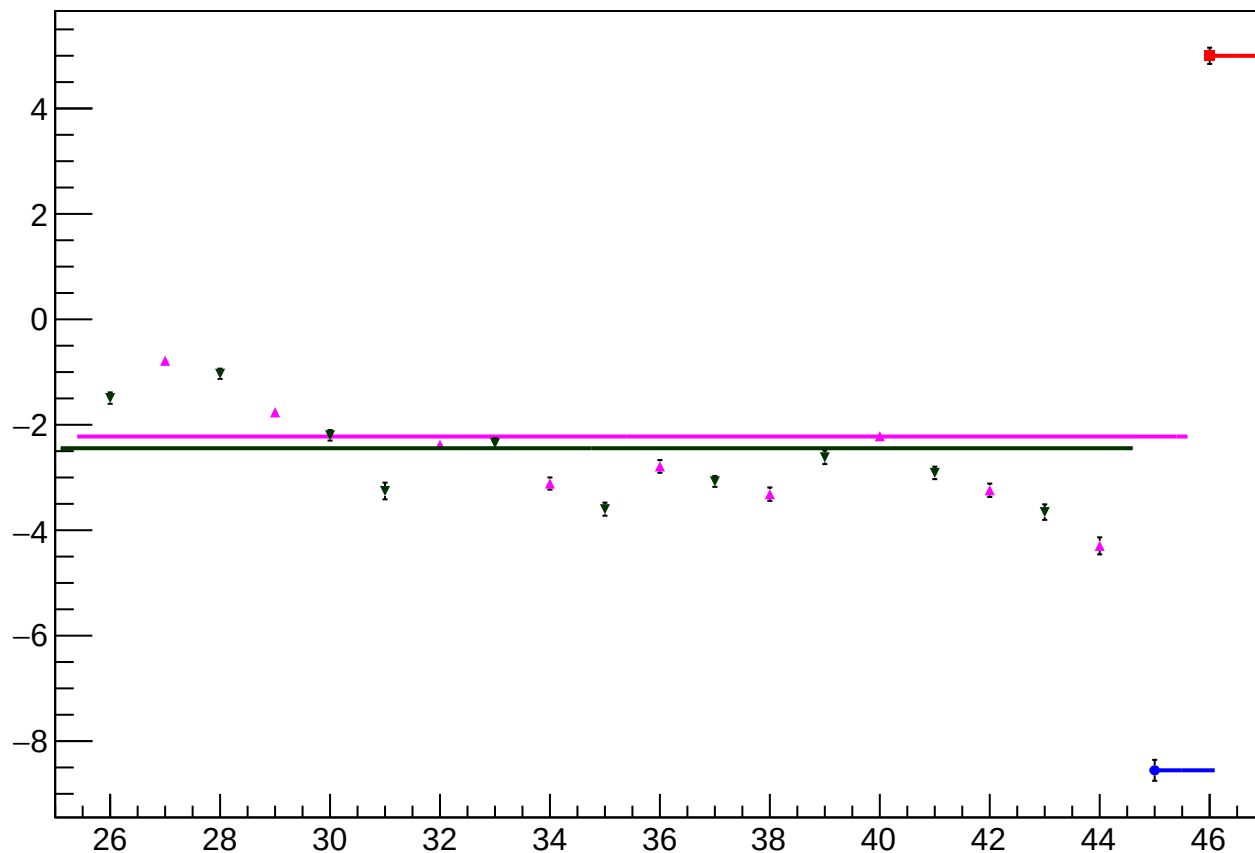
Right Out: -0.630 ± 0.208 χ^2/NDF : 0.0/0

Left In: -3.046 ± 0.043 χ^2/NDF : 2807.9/8

-3.506 ± 0.047 χ^2/NDF : 2467.1/10

-2.948 ± 0.042 χ^2/NDF : 2937.4/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: -8.554 ± 0.199 χ^2/NDF : 0.0/0

Left Out: -2.445 ± 0.036 χ^2/NDF : 529.3/9

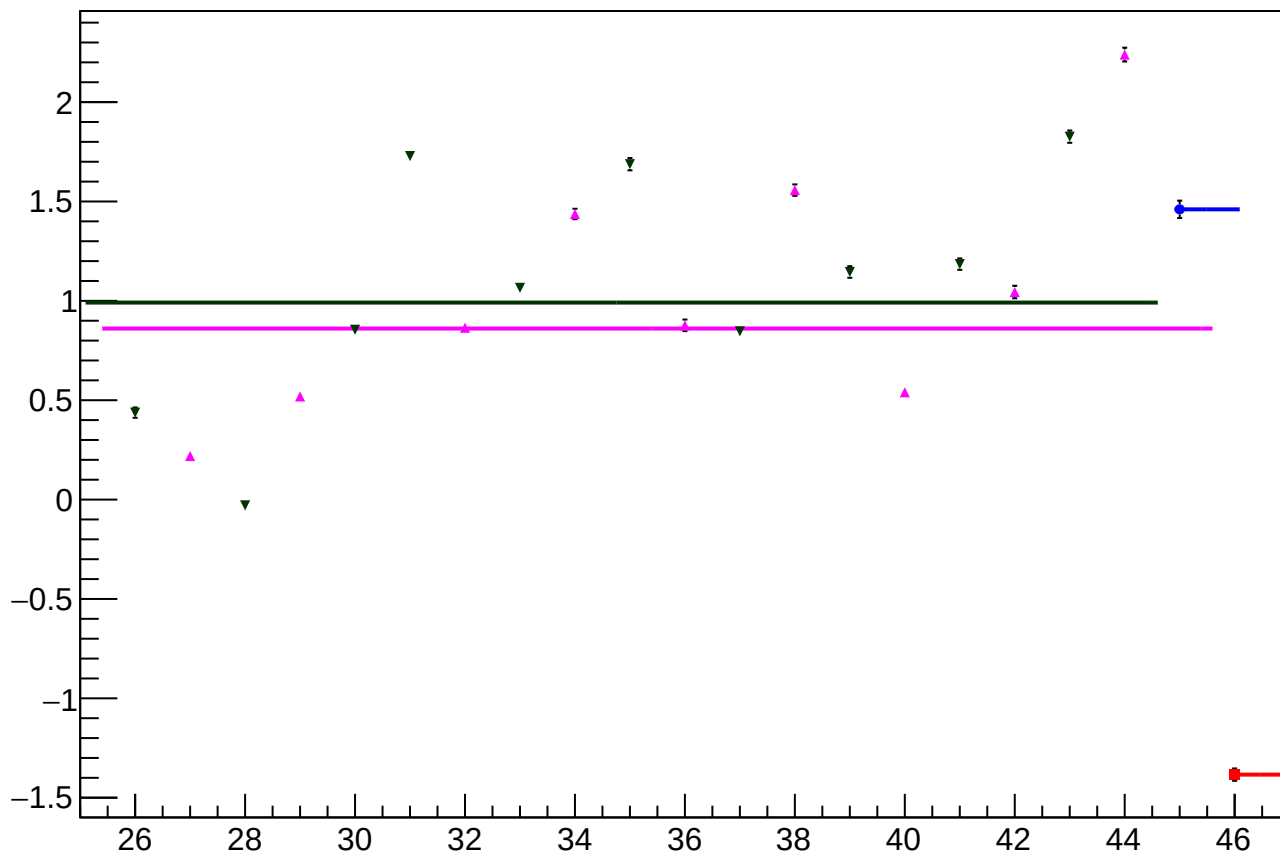
Right Out: 4.999 ± 0.155 χ^2/NDF : 0.0/0

Left In: -2.223 ± 0.032 χ^2/NDF : 822.2/8

-2.638 ± 0.035 χ^2/NDF : 1443.2/10

-1.932 ± 0.031 χ^2/NDF : 2918.4/9

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: 1.460 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.991 $\pm$ 0.008 χ^2 /NDF:4720.4/9

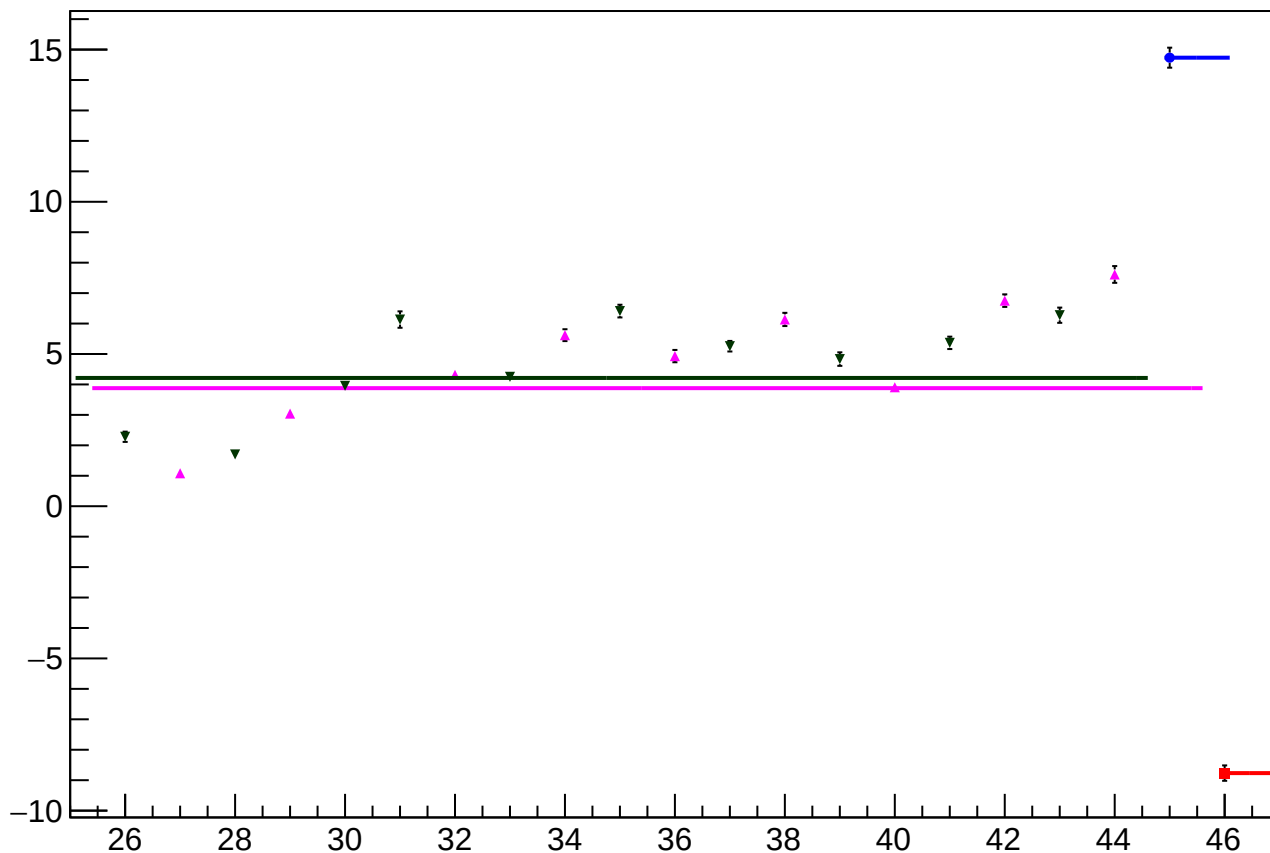
Right Out: -1.384 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Left In: 0.861 $\pm$ 0.007 χ^2 /NDF:4134.4/8

1.006 $\pm$ 0.008 χ^2 /NDF: 4831.4/10

0.744 $\pm$ 0.007 χ^2 /NDF: 9087.4/9

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: 14.734 $\pm$ 0.329 χ^2 /NDF: 0.0/0

Left Out: 4.214 $\pm$ 0.060 χ^2 /NDF: 711.6/9

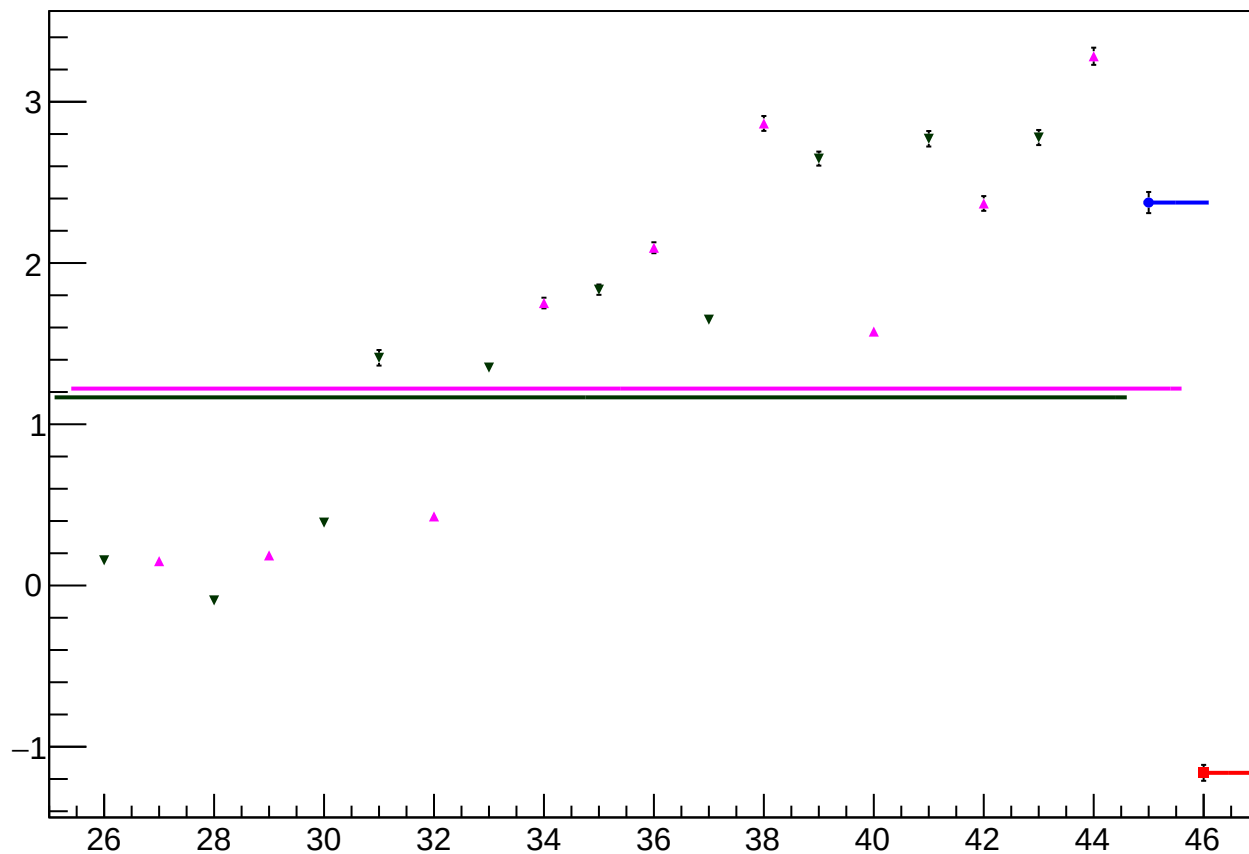
Right Out: -8.767 $\pm$ 0.253 χ^2 /NDF: 0.0/0

Left In: 3.878 $\pm$ 0.052 χ^2 /NDF: 1270.8/8

4.548 $\pm$ 0.059 χ^2 /NDF: 1702.8/10

3.358 $\pm$ 0.051 χ^2 /NDF: 3670.8/9

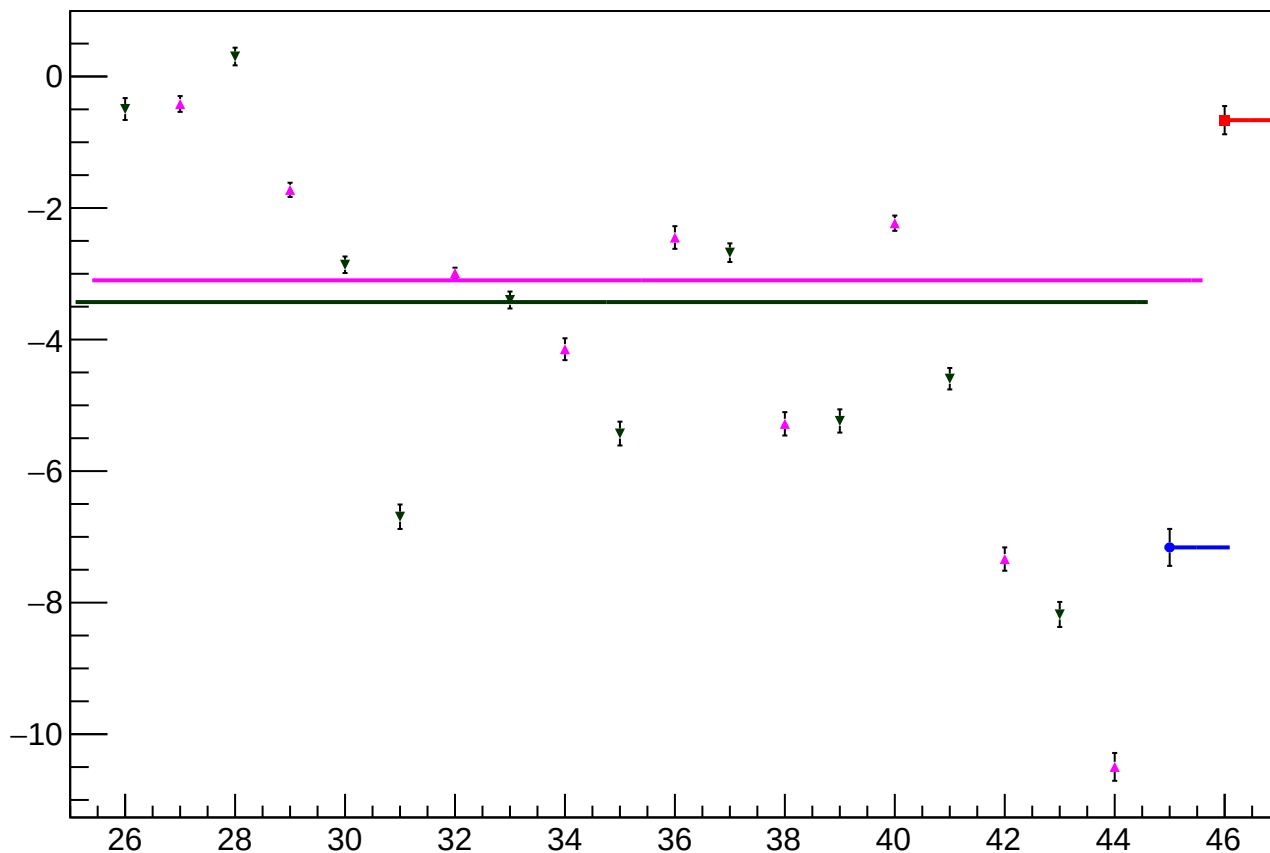
reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: 2.375 $\pm$ 0.066 χ^2 /NDF: 0.0/0
 Left Out: 1.167 $\pm$ 0.010 χ^2 /NDF:8267.0/9
 Right Out: -1.162 $\pm$ 0.049 χ^2 /NDF: 0.0/0
 Left In: 1.221 $\pm$ 0.011 χ^2 /NDF:8098.5/8

1.197 $\pm$ 0.010 χ^2 /NDF: 8598.1/10
 1.111 $\pm$ 0.011 χ^2 /NDF: 10319.4/9

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -7.160+/-0.281 χ^2/NDF : 0.0/0

Left Out: -3.430+/-0.049 χ^2/NDF :2337.3/9

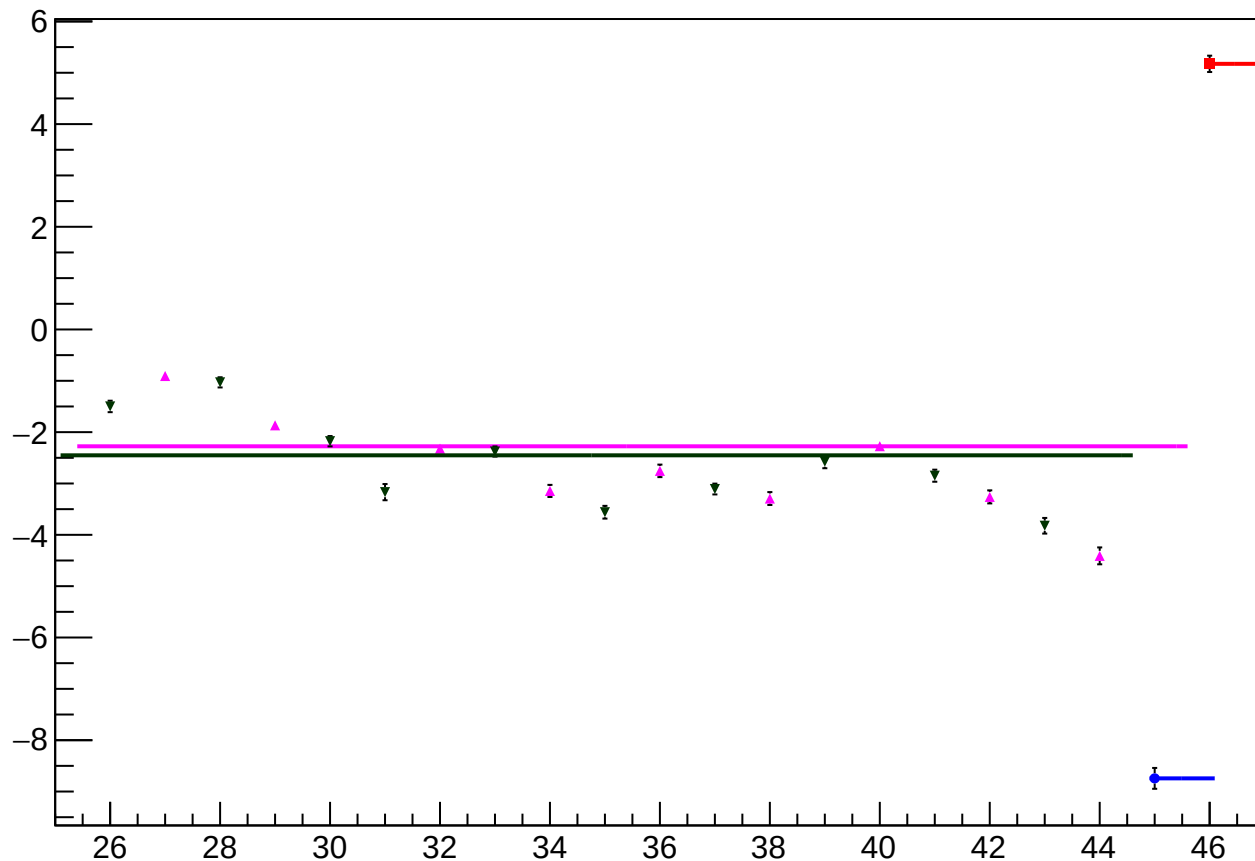
Right Out: -0.664+/-0.215 χ^2/NDF : 0.0/0

Left In: -3.099+/-0.043 χ^2/NDF :2714.1/8

-3.539+/-0.048 χ^2/NDF : 2508.2/10

-3.004+/-0.042 χ^2/NDF : 2837.8/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -8.744+/-0.203 χ^2 /NDF: 0.0/0

Left Out: -2.451+/-0.036 χ^2 /NDF: 518.0/9

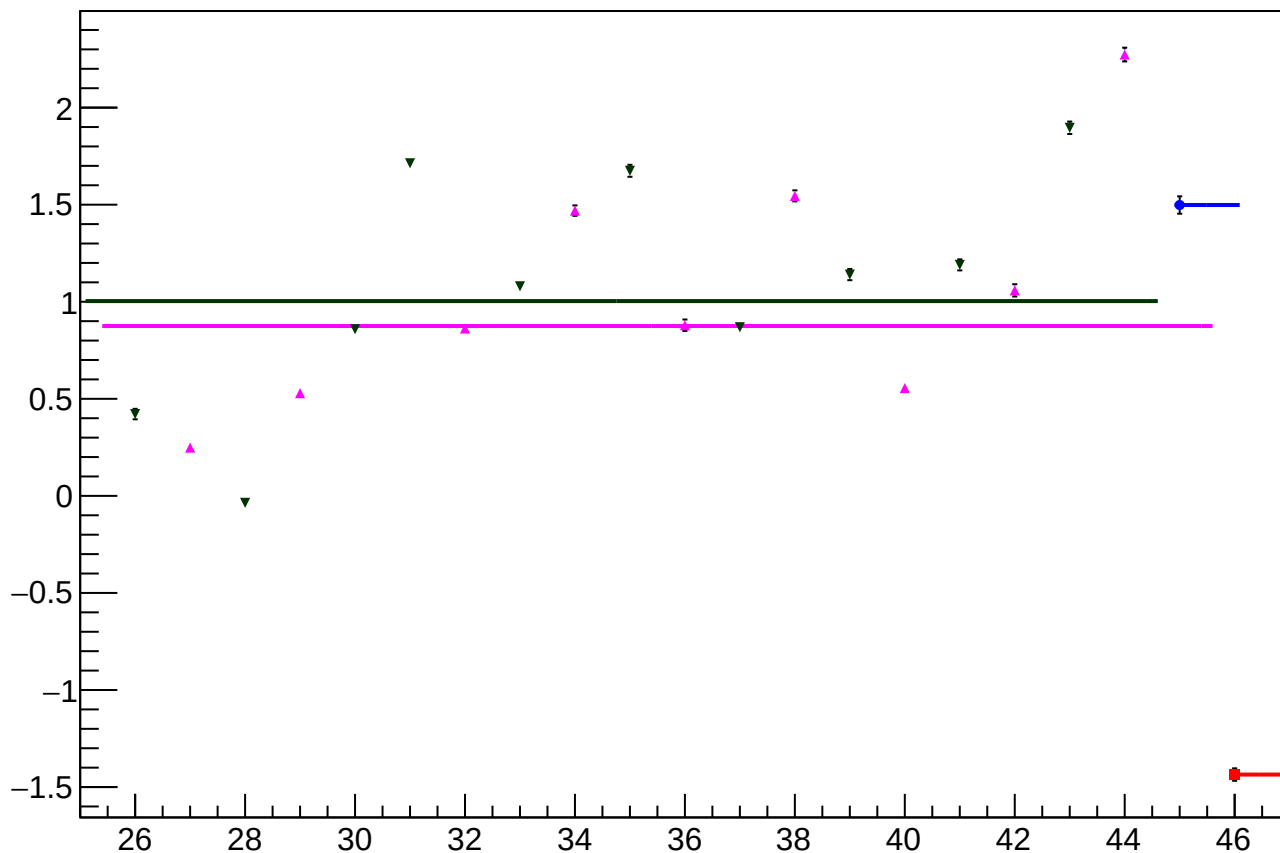
Right Out: 5.174+/-0.159 χ^2 /NDF: 0.0/0

Left In: -2.276+/-0.032 χ^2 /NDF: 728.6/8

-2.647+/-0.036 χ^2 /NDF: 1447.4/10

-1.986+/-0.031 χ^2 /NDF: 2833.0/9

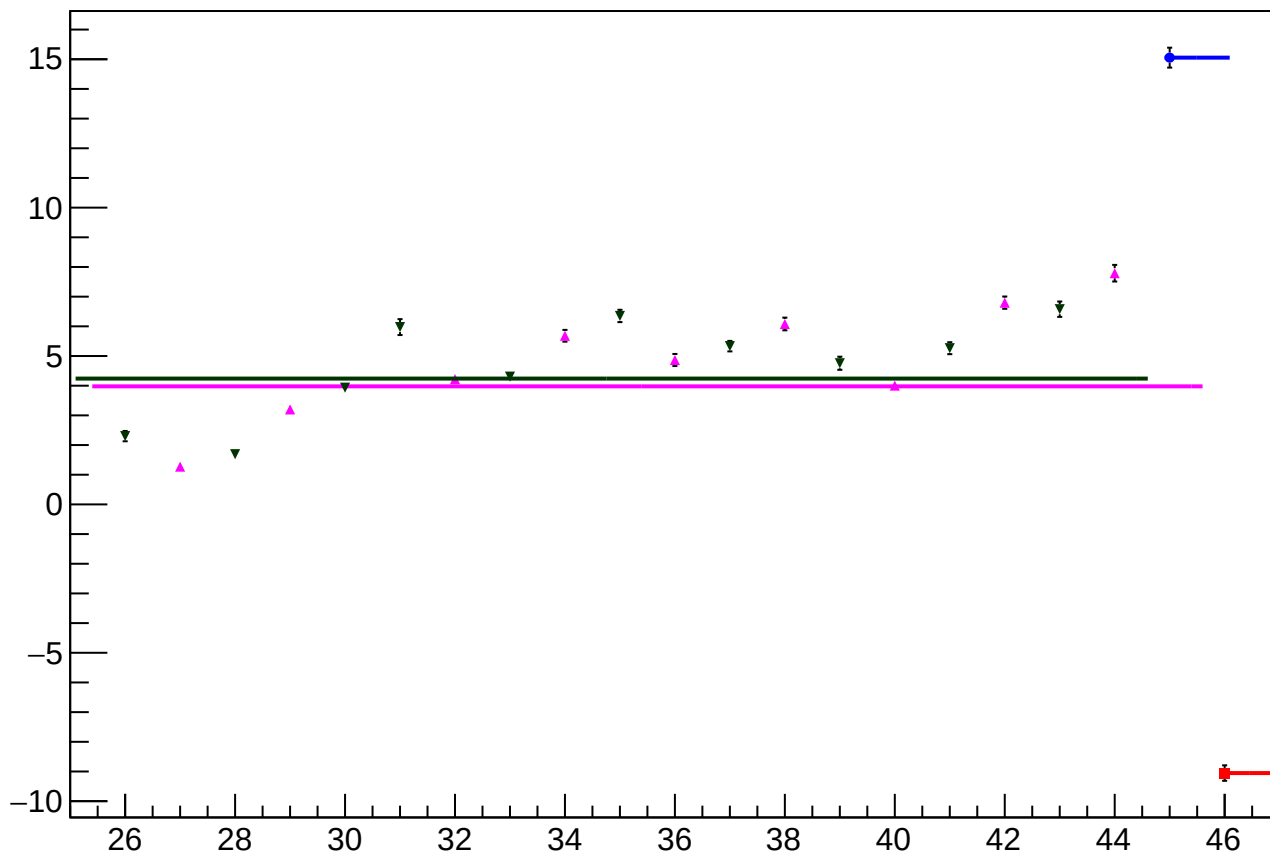
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: 1.498 $\pm$ 0.045 χ^2 /NDF: 0.0/0
 Left Out: 1.003 $\pm$ 0.008 χ^2 /NDF:4667.5/9
 Right Out: -1.436 $\pm$ 0.032 χ^2 /NDF: 0.0/0
 Left In: 0.875 $\pm$ 0.007 χ^2 /NDF:3999.7/8

1.018 $\pm$ 0.008 χ^2 /NDF: 4785.8/10
 0.760 $\pm$ 0.007 χ^2 /NDF: 8932.2/9

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 15.054 $\pm$ 0.336 χ^2 /NDF: 0.0/0

Left Out: 4.240 $\pm$ 0.060 χ^2 /NDF:692.9/9

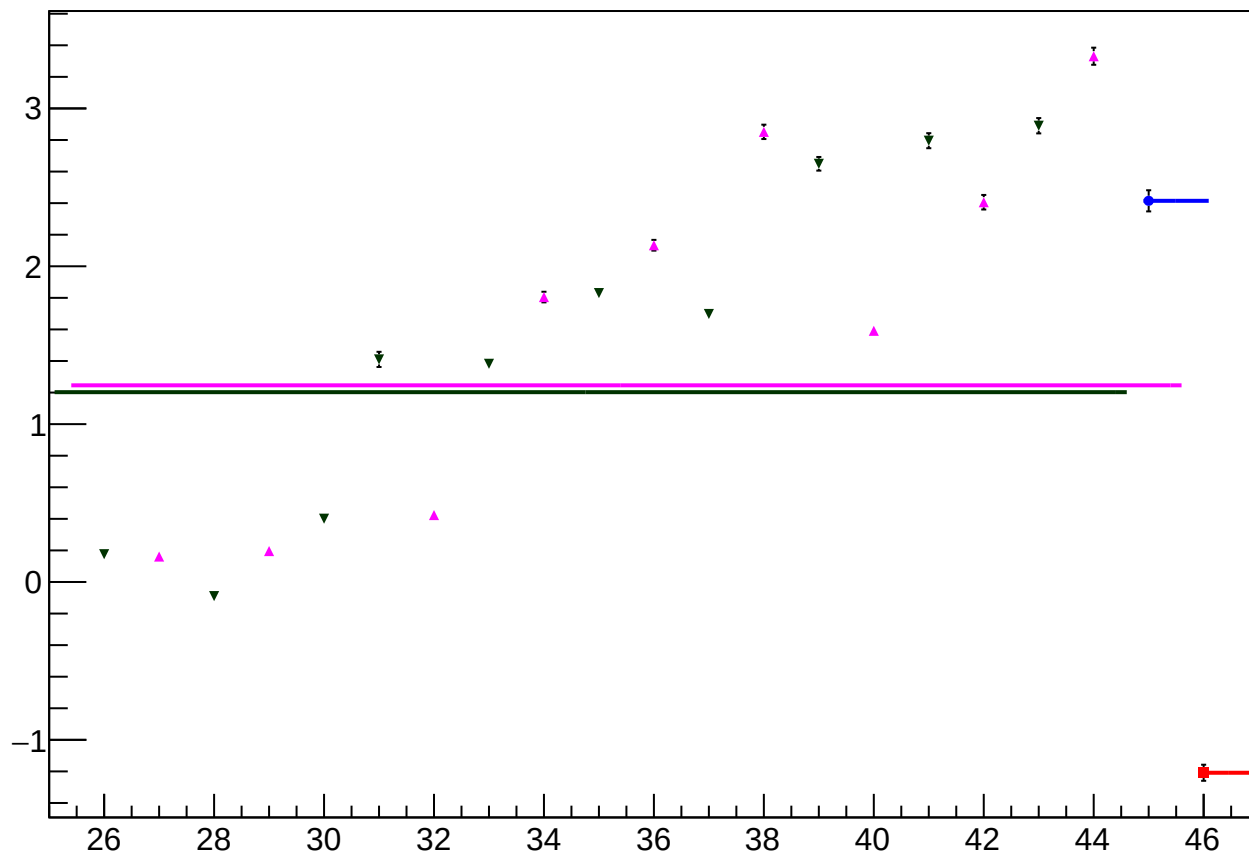
Right Out: -9.053 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left In: 3.978 $\pm$ 0.053 χ^2 /NDF:1142.5/8

4.577 $\pm$ 0.059 χ^2 /NDF: 1697.0/10

3.459 $\pm$ 0.052 χ^2 /NDF: 3545.3/9

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 2.415 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Left Out: 1.203 $\pm$ 0.011 χ^2 /NDF: 8206.3/9

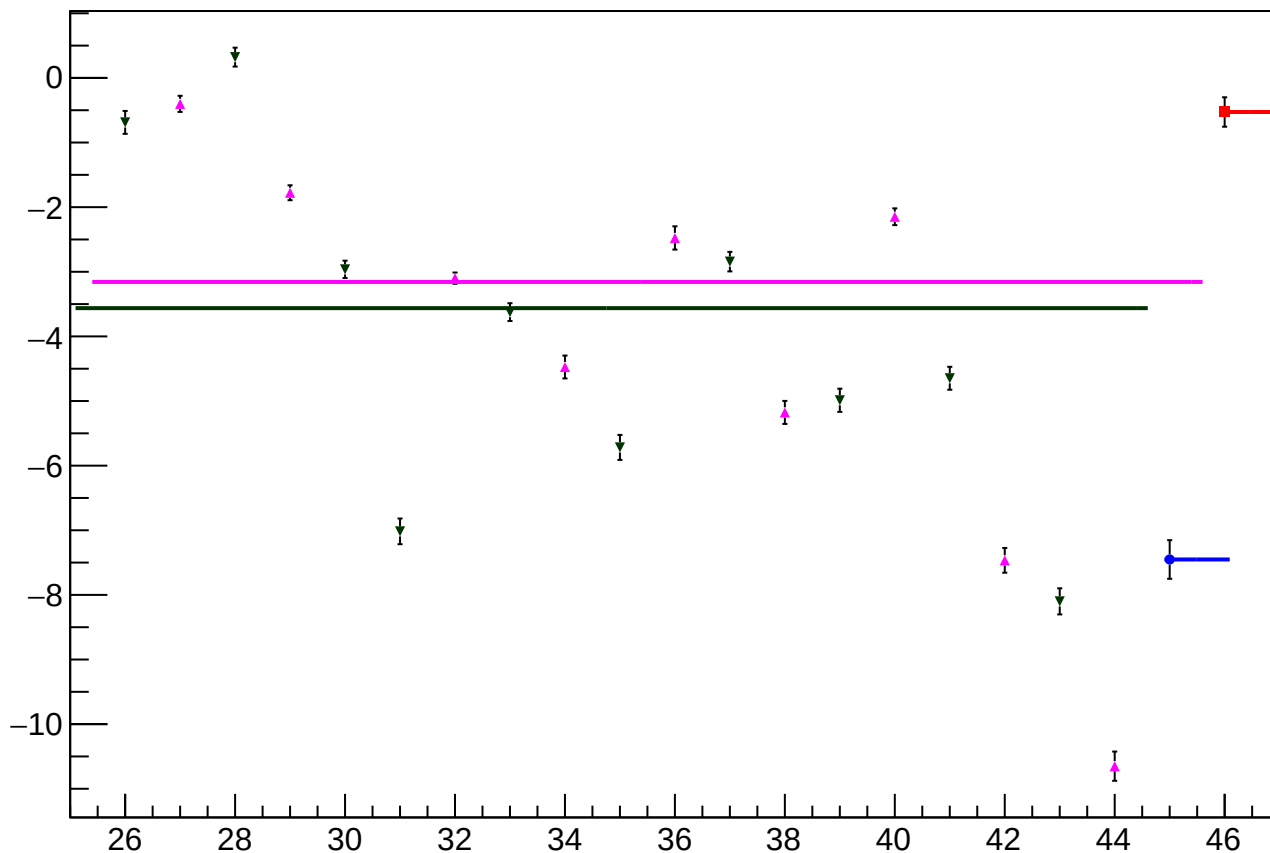
Right Out: -1.209 $\pm$ 0.051 χ^2 /NDF: 0.0/0

Left In: 1.246 $\pm$ 0.011 χ^2 /NDF: 8115.6/8

1.232 $\pm$ 0.010 χ^2 /NDF: 8525.6/10

1.137 $\pm$ 0.011 χ^2 /NDF: 10331.6/9

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -7.452+/-0.299 χ^2 /NDF: 0.0/0

Left Out: -3.563+/-0.052 χ^2 /NDF:2041.0/9

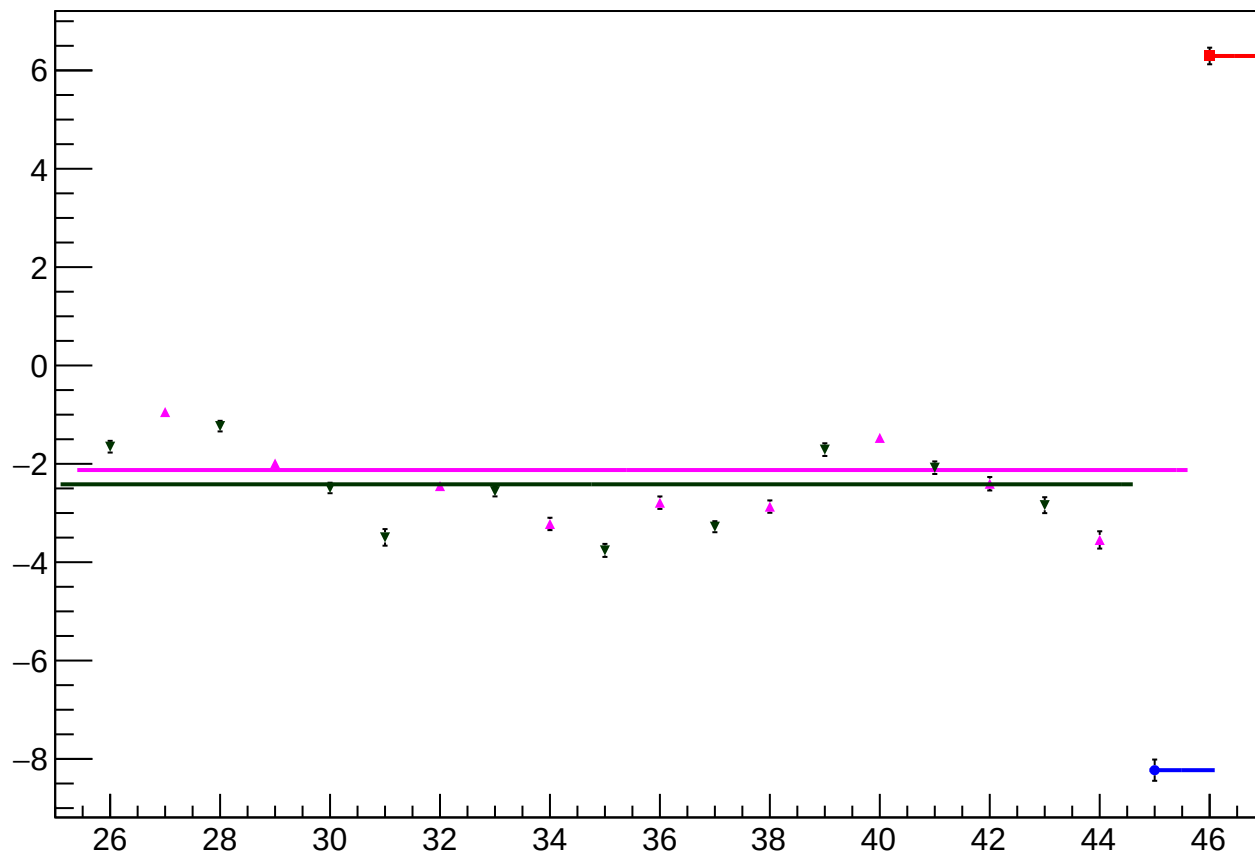
Right Out: -0.527+/-0.228 χ^2 /NDF: 0.0/0

Left In: -3.157+/-0.046 χ^2 /NDF:2492.0/8

-3.677+/-0.051 χ^2 /NDF: 2205.2/10

-3.054+/-0.045 χ^2 /NDF: 2620.2/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: -8.229+/-0.216 χ^2/NDF : 0.0/0

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

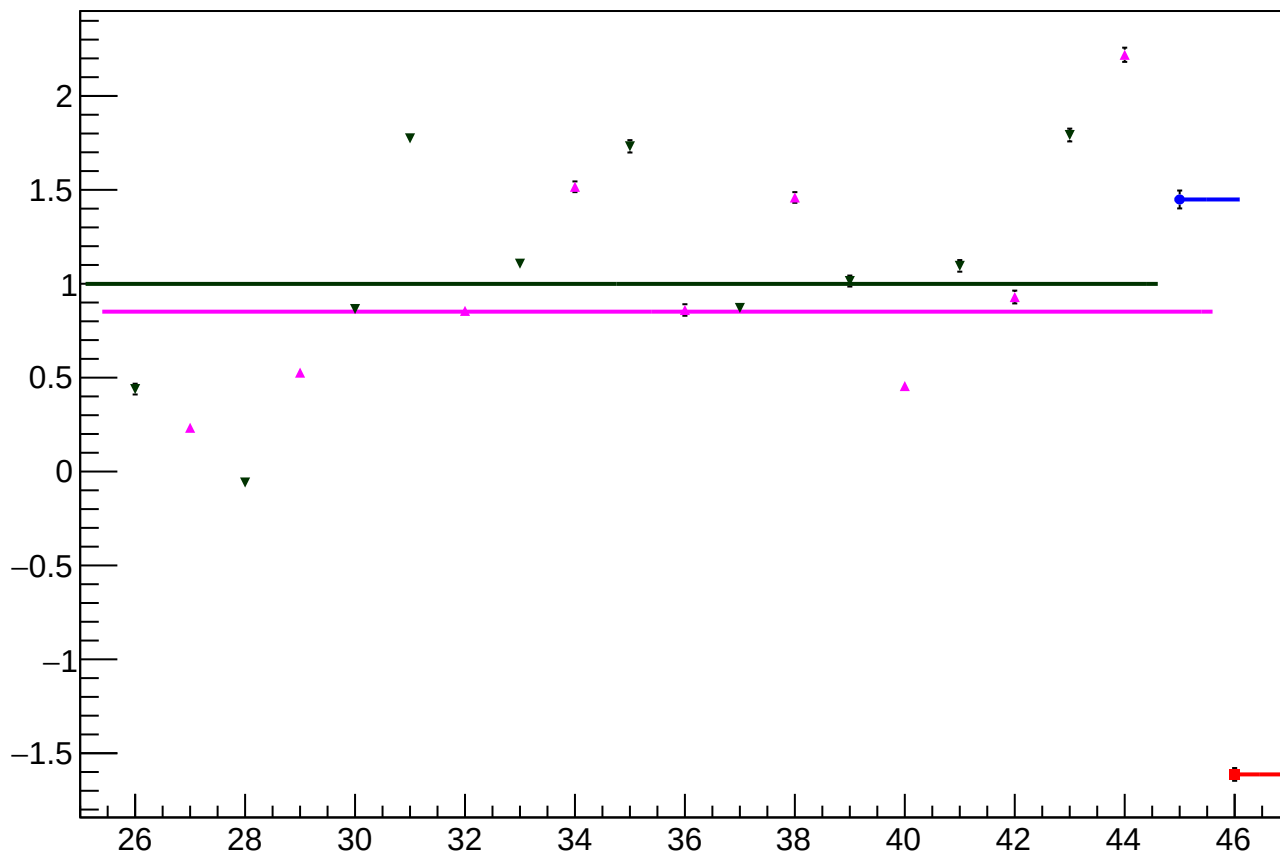
Right Out: 6.293+/-0.169 χ^2/NDF : 0.0/0

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-2.598+/-0.038 χ^2/NDF : 1110.6/10

-1.800+/-0.033 χ^2/NDF : 2898.8/9

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: 1.449 $\pm$ 0.048 χ^2/NDF : 0.0/0

Left Out: 0.999 $\pm$ 0.008 χ^2/NDF : 4096.0/9

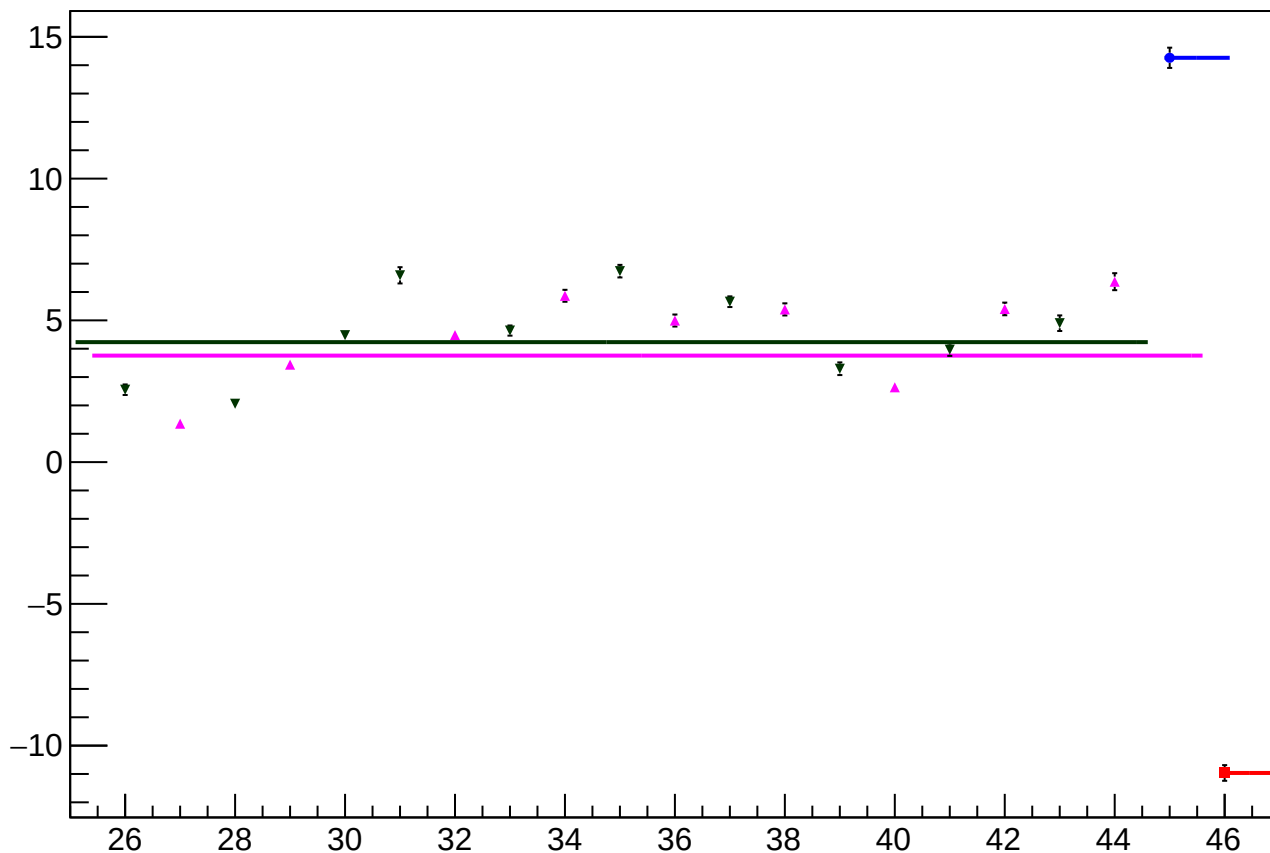
Right Out: -1.613 $\pm$ 0.034 χ^2/NDF : 0.0/0

Left In: 0.851 $\pm$ 0.008 χ^2/NDF : 3579.4/8

1.013 $\pm$ 0.008 χ^2/NDF : 4182.4/10

0.729 $\pm$ 0.008 χ^2/NDF : 8569.2/9

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: 14.261+/-0.357 χ^2/NDF : 0.0/0

Left Out: 4.232+/-0.064 χ^2/NDF : 531.4/9

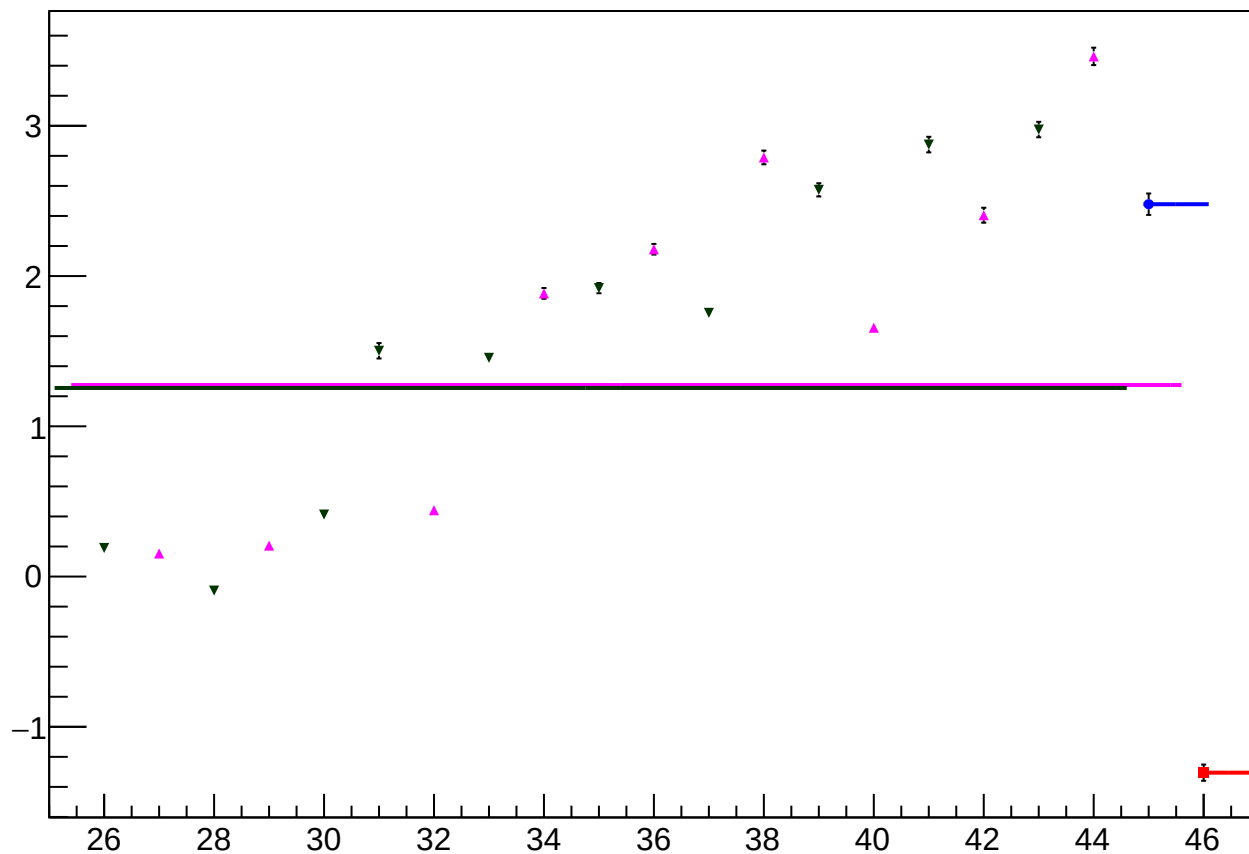
Right Out: -10.964+/-0.276 χ^2/NDF : 0.0/0

Left In: 3.757+/-0.056 χ^2/NDF : 807.8/8

4.547+/-0.063 χ^2/NDF : 1294.7/10

3.175+/-0.055 χ^2/NDF : 3532.0/9

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 2.478 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left Out: 1.255 $\pm$ 0.011 χ^2 /NDF:7468.2/9

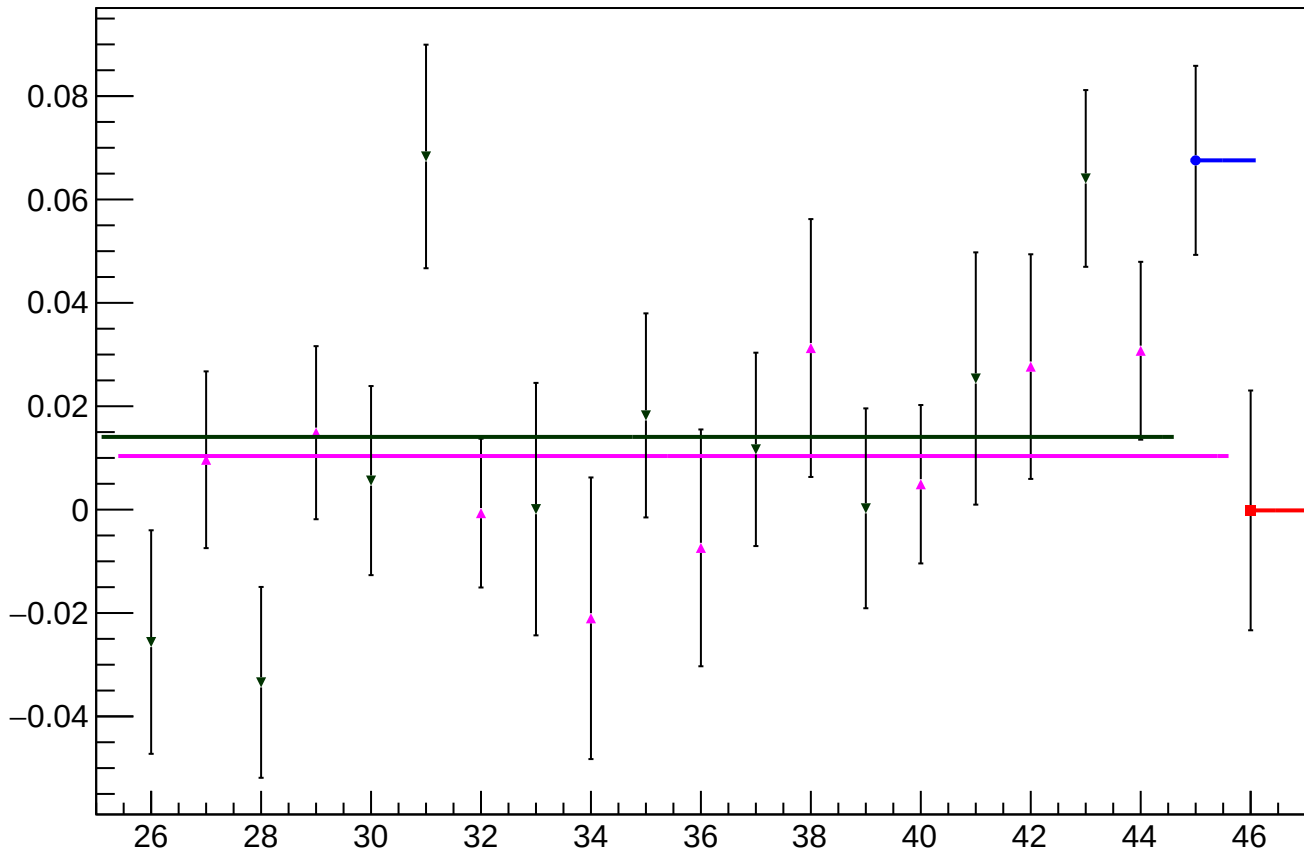
Right Out: -1.305 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left In: 1.275 $\pm$ 0.012 χ^2 /NDF:7555.8/8

1.285 $\pm$ 0.011 χ^2 /NDF: 7755.7/10

1.159 $\pm$ 0.011 χ^2 /NDF: 9731.5/9

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.068 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left Out: 0.014 $\pm$ 0.006 χ^2 /NDF: 26.2/9

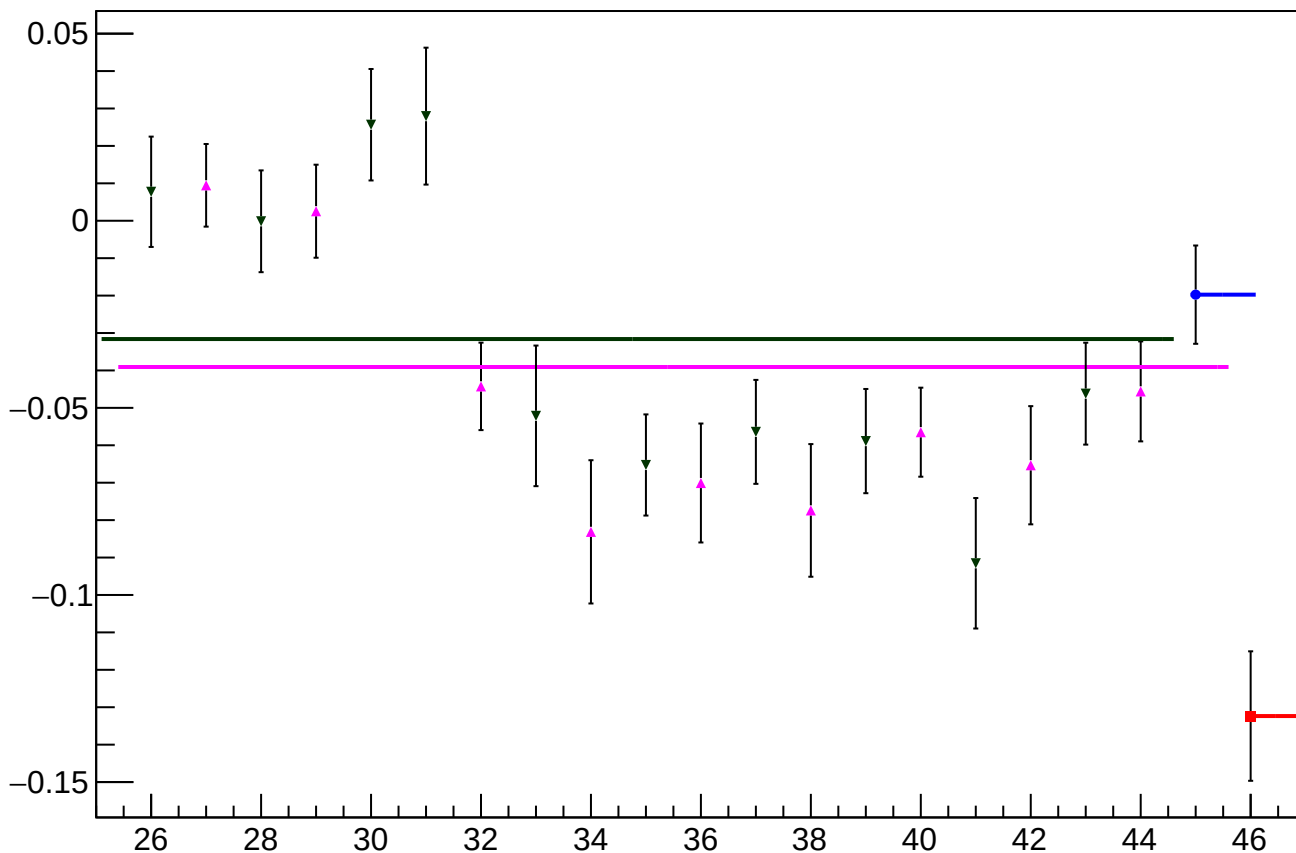
Right Out: -0.000 $\pm$ 0.023 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF: 5.5/8

0.020 $\pm$ 0.006 χ^2 /NDF: 33.8/10

0.010 $\pm$ 0.006 χ^2 /NDF: 5.6/9

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.020 $\pm$ 0.013 χ^2 /NDF: 0.0/0

Left Out: -0.032 $\pm$ 0.005 χ^2 /NDF: 65.2/9

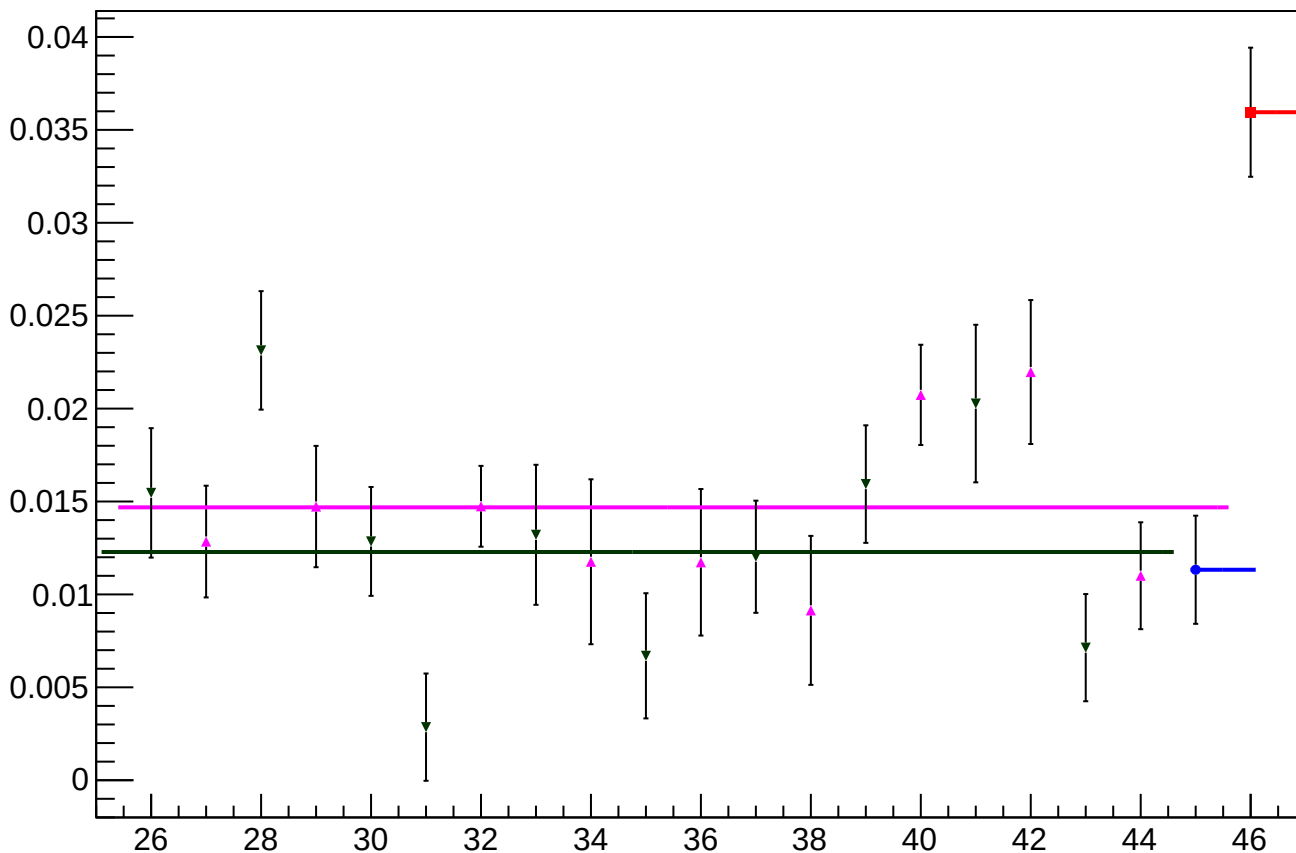
Right Out: -0.132 $\pm$ 0.017 χ^2 /NDF: 0.0/0

Left In: -0.039 $\pm$ 0.005 χ^2 /NDF: 49.7/8

-0.030 $\pm$ 0.004 χ^2 /NDF: 66.0/10

-0.045 $\pm$ 0.004 χ^2 /NDF: 76.9/9

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.011 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

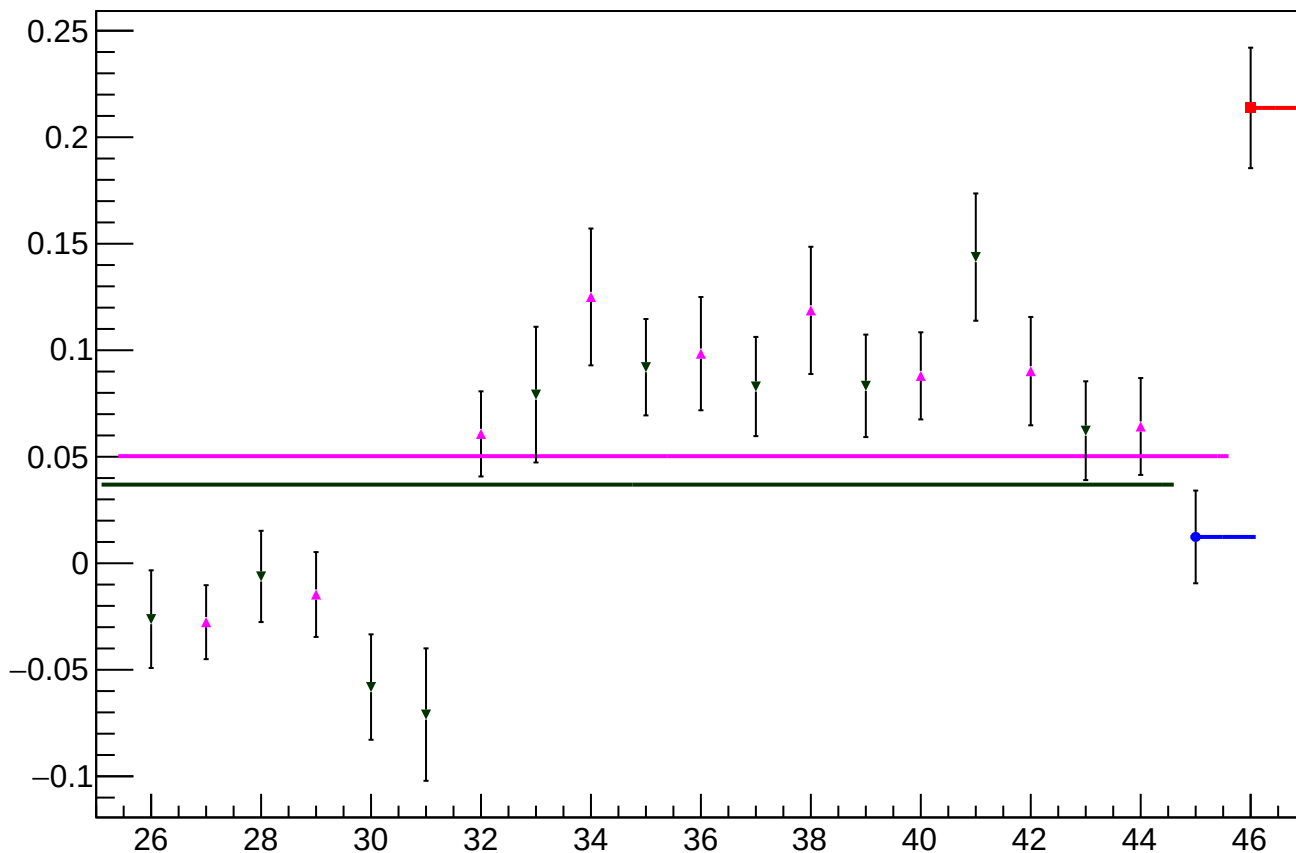
Right Out: 0.036 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.012 $\pm$ 0.001 χ^2 /NDF: 34.1/10

0.016 $\pm$ 0.001 χ^2 /NDF: 47.9/9

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.012 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.037 $\pm$ 0.008 χ^2 /NDF: 67.8/9

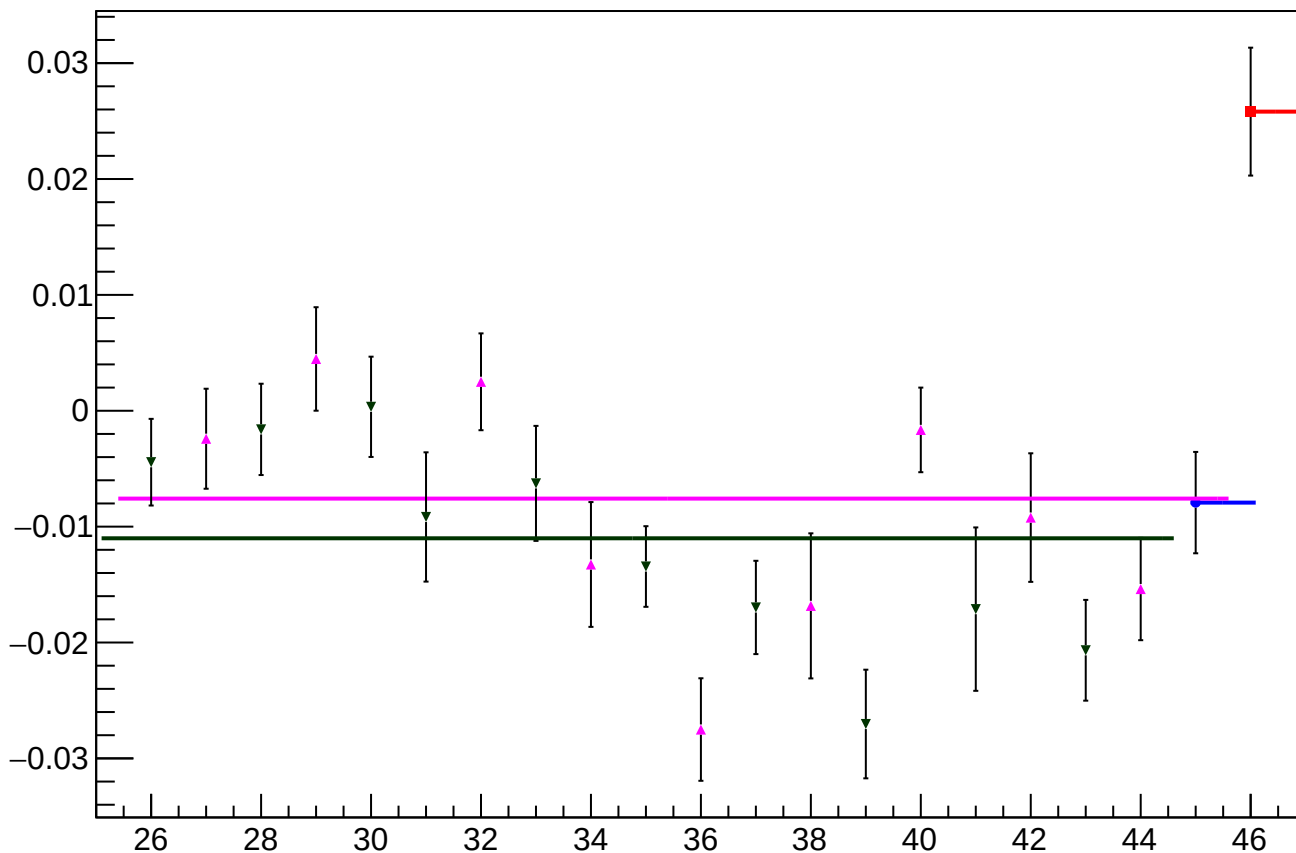
Right Out: 0.214 $\pm$ 0.028 χ^2 /NDF: 0.0/0

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.2/8

0.034 $\pm$ 0.007 χ^2 /NDF: 68.9/10

0.061 $\pm$ 0.007 χ^2 /NDF: 82.4/9

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: -0.008 ± 0.004 χ^2/NDF : 0.0/0

Left Out: -0.011 ± 0.001 χ^2/NDF : 36.7/9

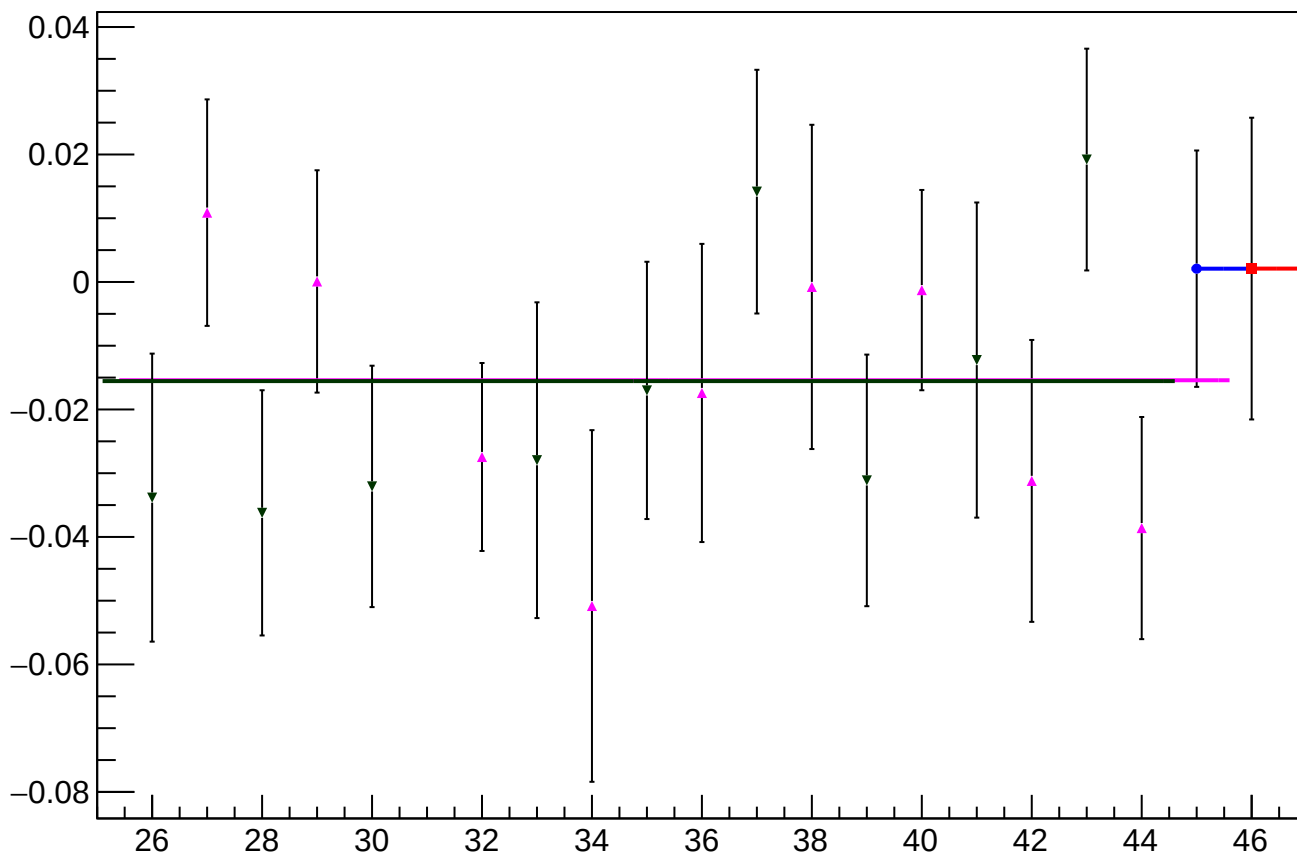
Right Out: 0.026 ± 0.006 χ^2/NDF : 0.0/0

Left In: -0.008 ± 0.002 χ^2/NDF : 44.0/8

-0.011 ± 0.001 χ^2/NDF : 37.2/10

-0.005 ± 0.001 χ^2/NDF : 78.0/9

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.002+/-0.019 χ^2/NDF : 0.0/0

Left Out: -0.016+/-0.007 χ^2/NDF : 9.9/8

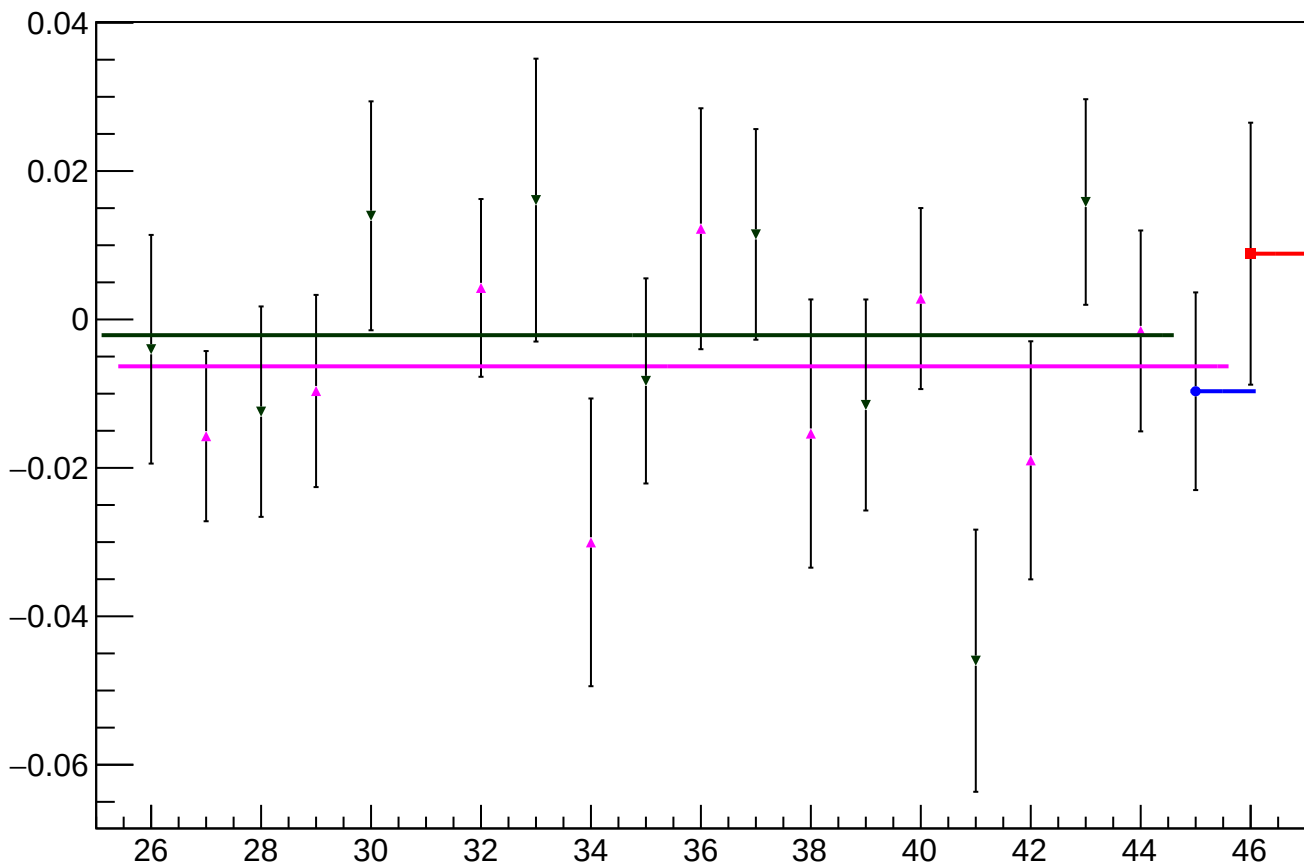
Right Out: 0.002+/-0.024 χ^2/NDF : 0.0/0

Left In: -0.015+/-0.006 χ^2/NDF : 8.7/8

-0.013+/-0.006 χ^2/NDF : 10.7/9

-0.014+/-0.006 χ^2/NDF : 9.2/9

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 0.0/0

Left Out: -0.002 $\pm$ 0.005 χ^2 /NDF:11.9/8

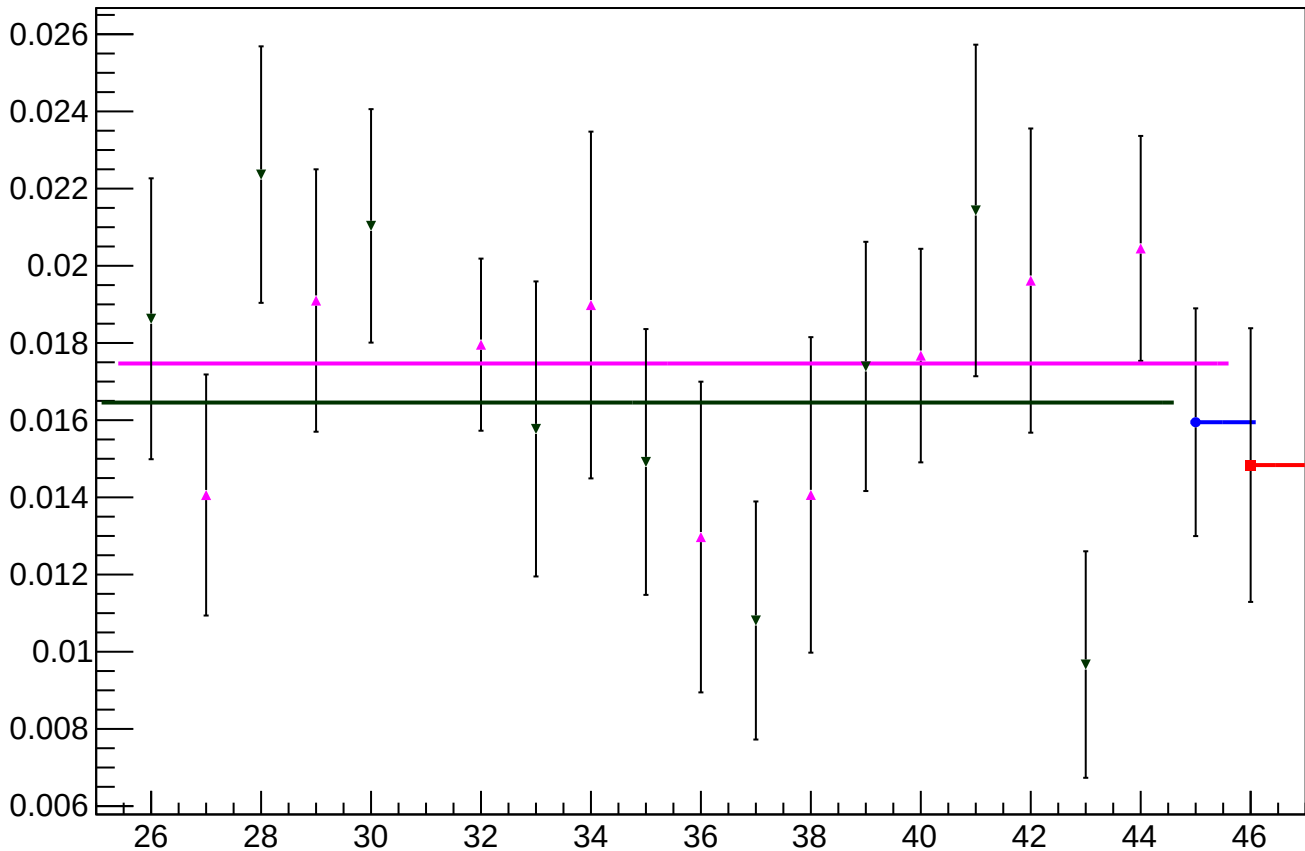
Right Out: 0.009 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left In: -0.006 $\pm$ 0.005 χ^2 /NDF:5.9/8

-0.003 $\pm$ 0.005 χ^2 /NDF: 12.2/9

-0.005 $\pm$ 0.005 χ^2 /NDF: 6.6/9

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016+/-0.003 χ^2/NDF : 0.0/0

Left Out: 0.016+/-0.001 χ^2/NDF : 16.2/8

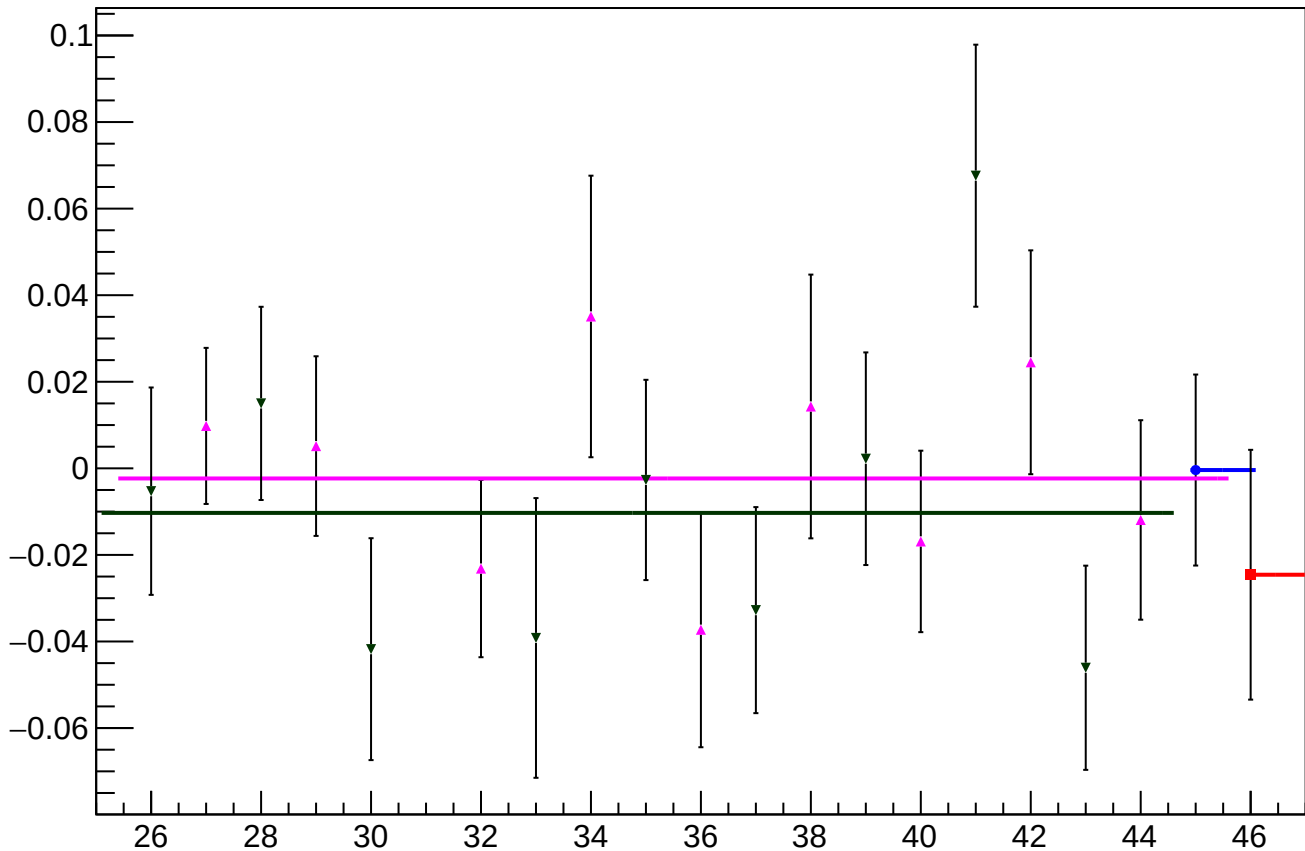
Right Out: 0.015+/-0.004 χ^2/NDF : 0.0/0

Left In: 0.017+/-0.001 χ^2/NDF : 4.9/8

0.016+/-0.001 χ^2/NDF : 16.2/9

0.017+/-0.001 χ^2/NDF : 5.4/9

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.000+/-0.022 χ^2/NDF : 0.0/0

Left Out: -0.010+/-0.008 χ^2/NDF :13.8/8

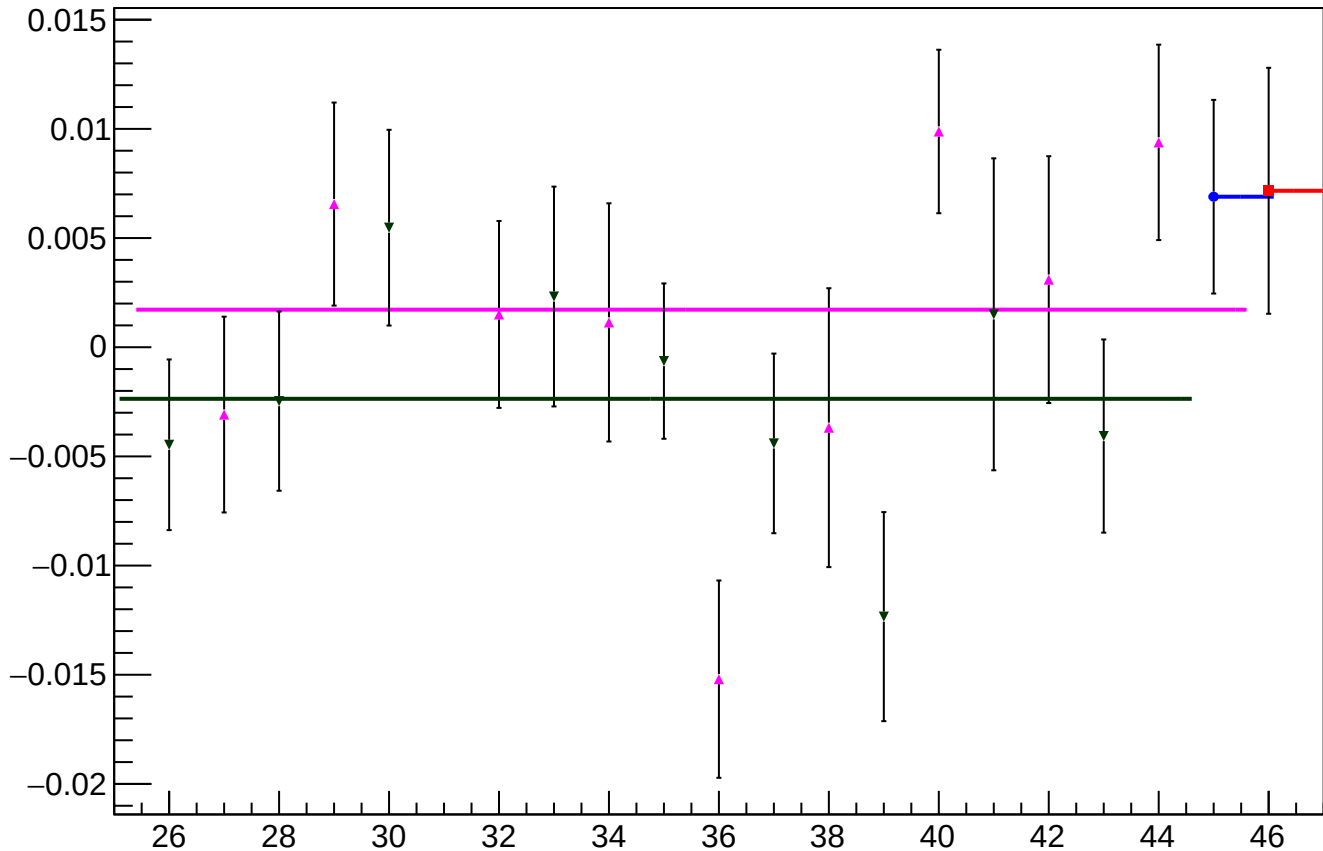
Right Out: -0.025+/-0.029 χ^2/NDF : 0.0/0

Left In: -0.002+/-0.008 χ^2/NDF :6.6/8

-0.009+/-0.008 χ^2/NDF : 14.0/9

-0.004+/-0.007 χ^2/NDF : 7.2/9

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.007 ± 0.004 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.002 ± 0.001 $\chi^2/\text{NDF}: 9.5/8$

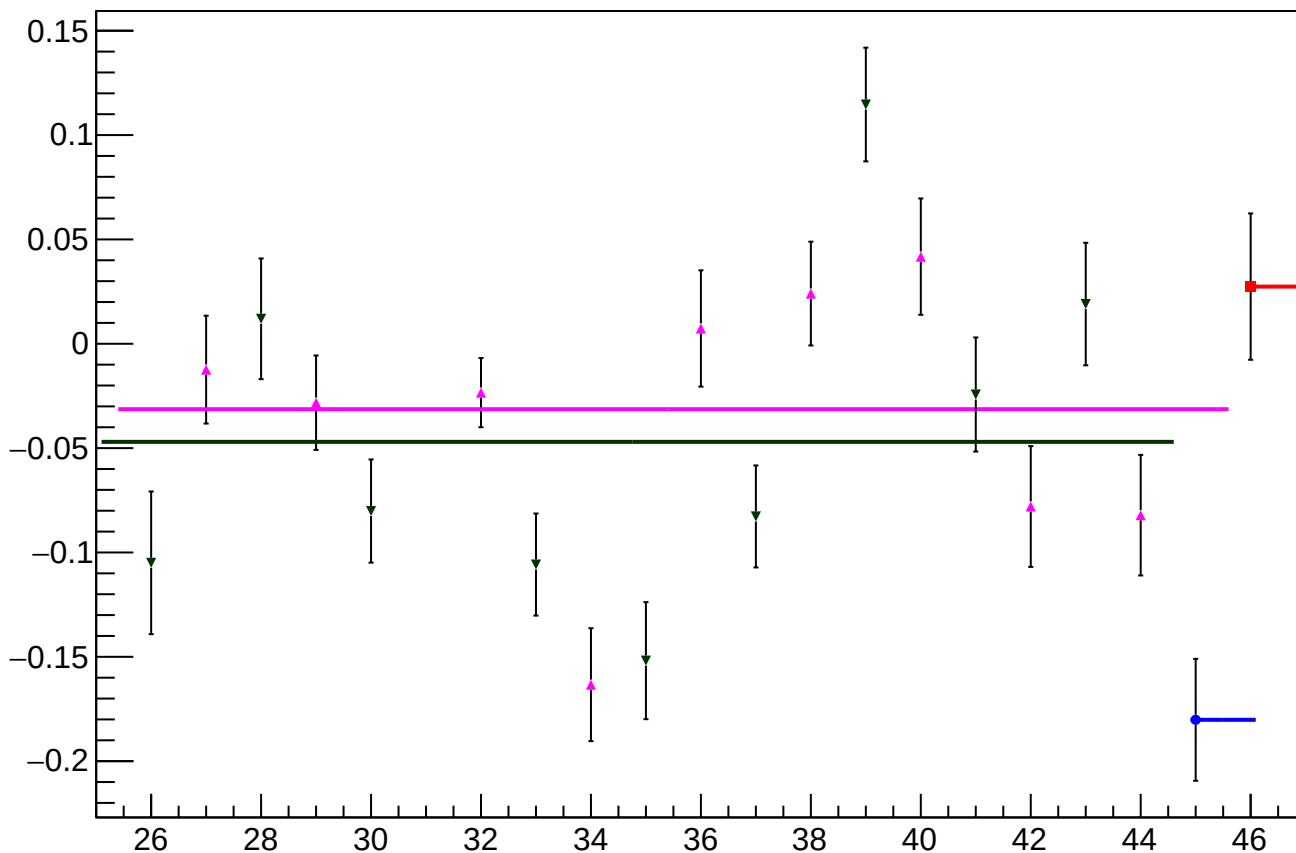
Right Out: 0.007 ± 0.006 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.002 ± 0.002 $\chi^2/\text{NDF}: 24.7/8$

-0.001 ± 0.001 $\chi^2/\text{NDF}: 13.4/9$

0.002 ± 0.002 $\chi^2/\text{NDF}: 25.6/9$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.180+/-0.029 χ^2/NDF : 0.0/0

Left Out: -0.047+/-0.009 χ^2/NDF : 71.7/8

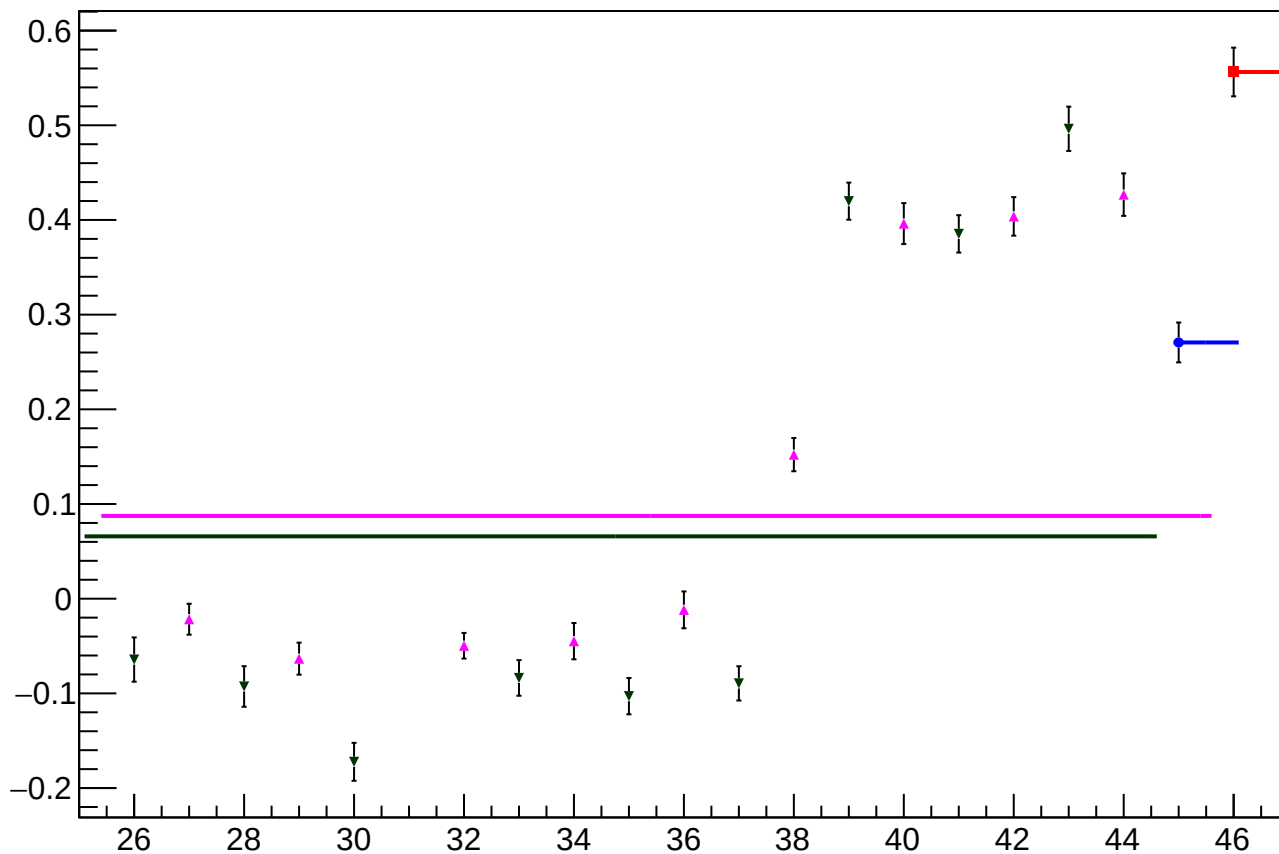
Right Out: 0.027+/-0.035 χ^2/NDF : 0.0/0

Left In: -0.031+/-0.008 χ^2/NDF : 44.0/8

-0.059+/-0.009 χ^2/NDF : 90.6/9

-0.028+/-0.008 χ^2/NDF : 46.7/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.271 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Left Out: 0.066 $\pm$ 0.007 χ^2 /NDF:1368.1/8

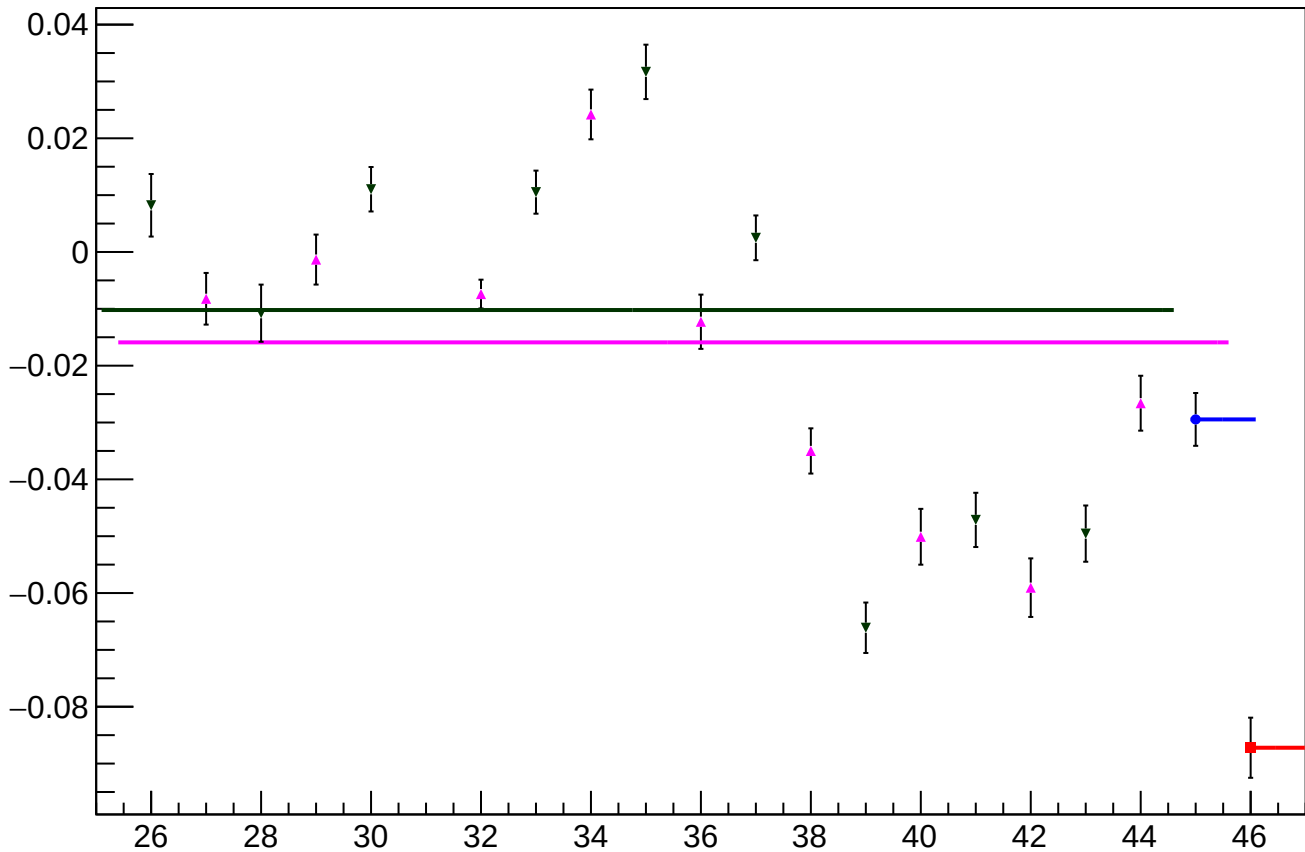
Right Out: 0.556 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF:988.4/8

0.085 $\pm$ 0.006 χ^2 /NDF: 1454.0/9

0.112 $\pm$ 0.006 χ^2 /NDF: 1304.3/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.029+/-0.005 χ^2 /NDF: 0.0/0

Left Out: -0.010+/-0.001 χ^2 /NDF:439.6/8

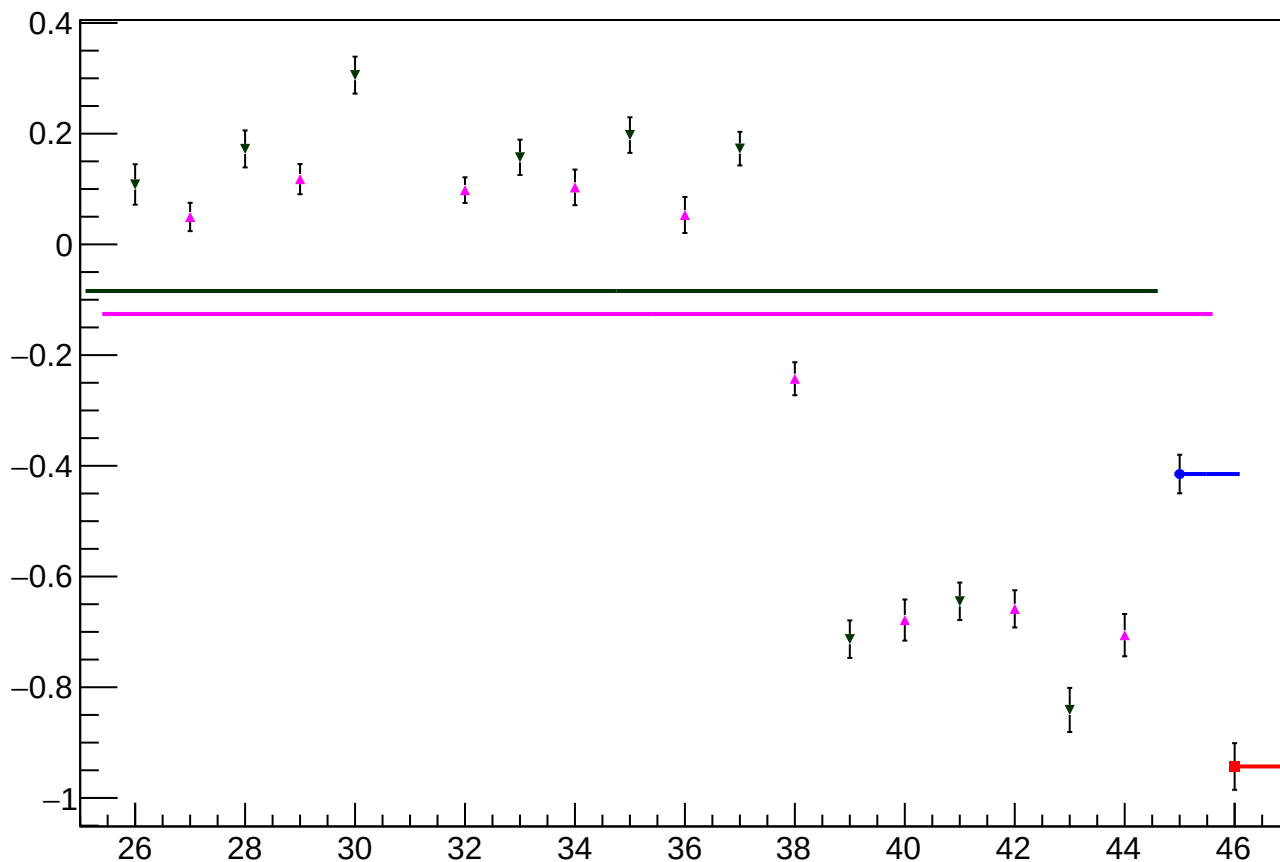
Right Out: -0.087+/-0.005 χ^2 /NDF: 0.0/0

Left In: -0.016+/-0.001 χ^2 /NDF:256.4/8

-0.012+/-0.001 χ^2 /NDF: 455.2/9

-0.020+/-0.001 χ^2 /NDF: 426.9/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.415+/-0.035 χ^2 /NDF: 0.0/0

Left Out: -0.084+/-0.011 χ^2 /NDF:1409.4/8

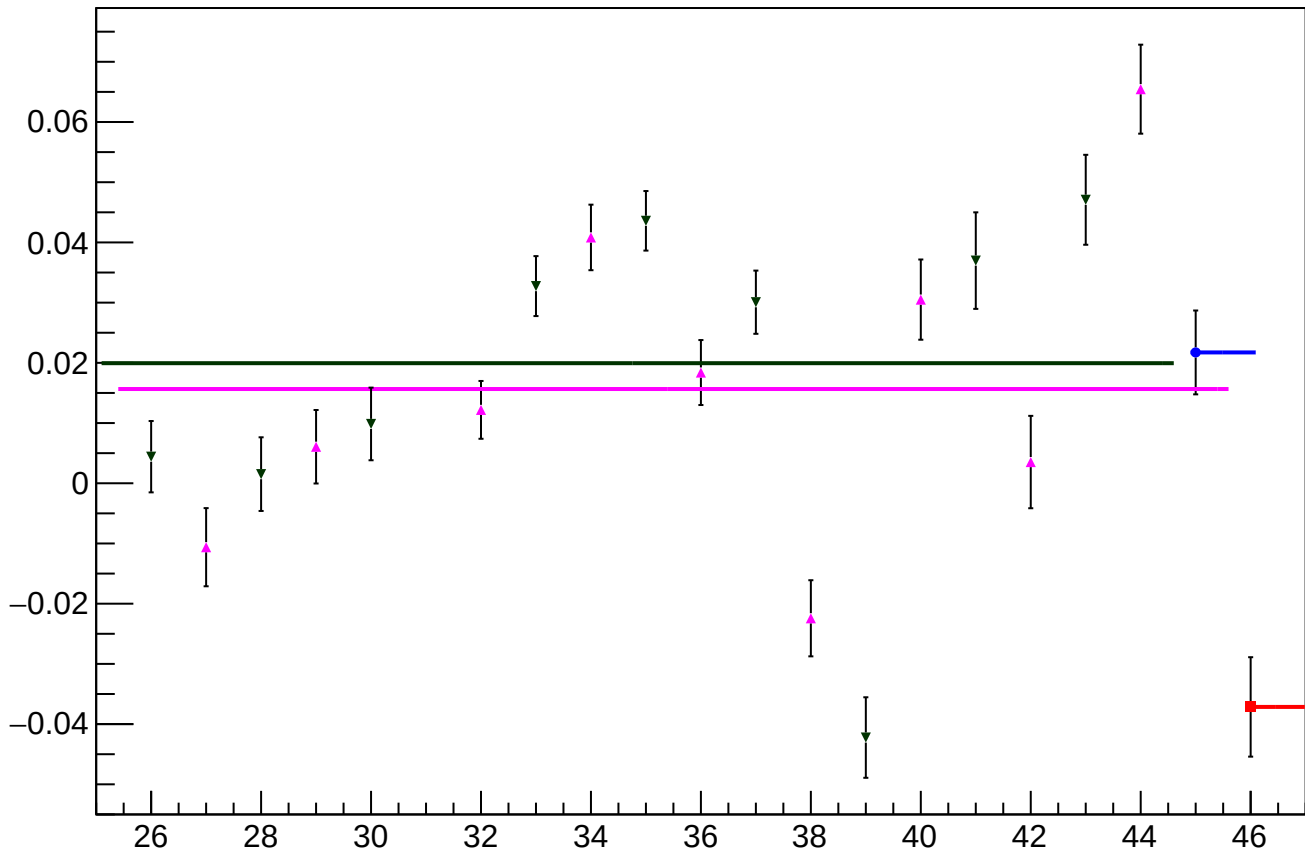
Right Out: -0.943+/-0.042 χ^2 /NDF: 0.0/0

Left In: -0.126+/-0.010 χ^2 /NDF:1020.3/8

-0.115+/-0.011 χ^2 /NDF: 1491.1/9

-0.169+/-0.010 χ^2 /NDF: 1376.8/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.022+/-0.007 χ^2/NDF : 0.0/0

Left Out: 0.020+/-0.002 χ^2/NDF :156.1/8

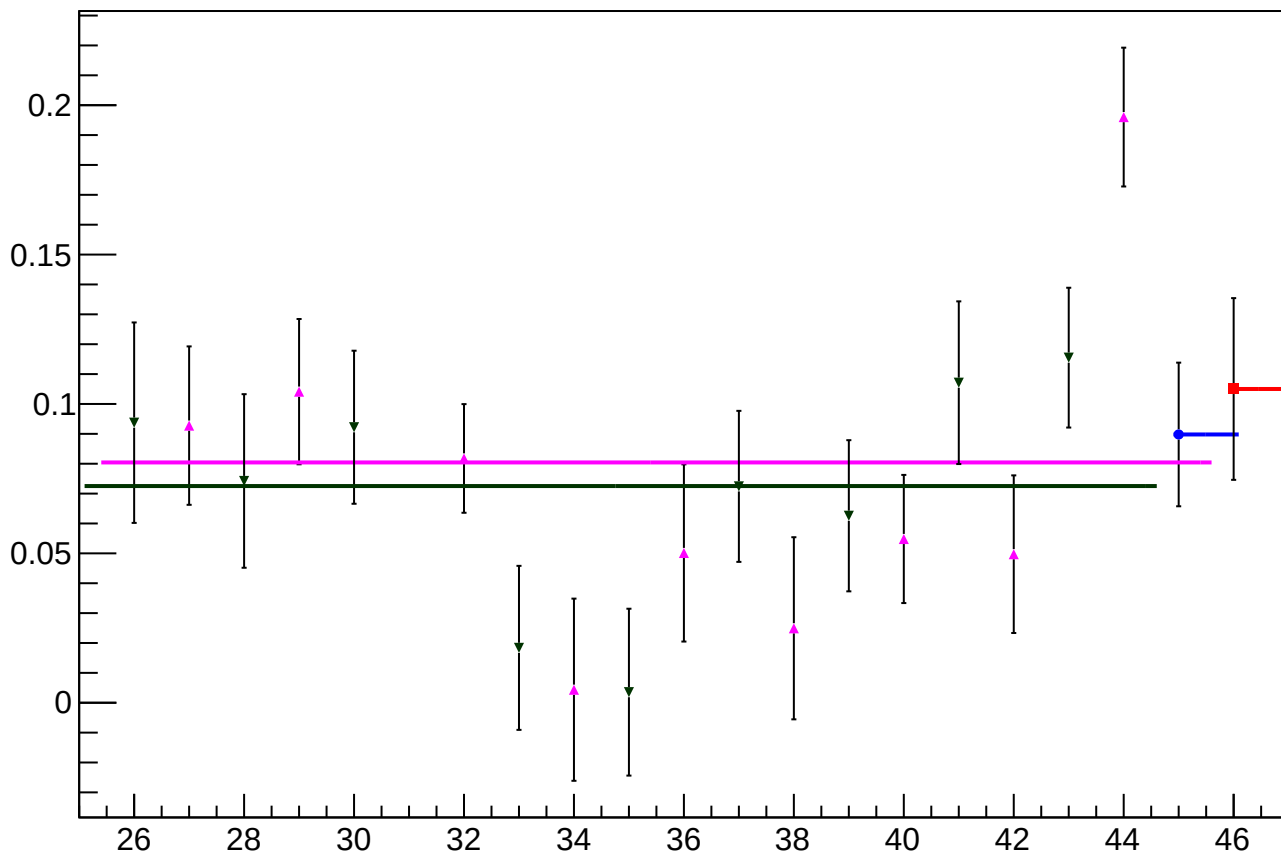
Right Out: -0.037+/-0.008 χ^2/NDF : 0.0/0

Left In: 0.016+/-0.002 χ^2/NDF :130.2/8

0.020+/-0.002 χ^2/NDF : 156.2/9

0.013+/-0.002 χ^2/NDF : 168.8/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.090 ± 0.024 χ^2/NDF : 0.0/0

Left Out: 0.075 ± 0.008 χ^2/NDF : 16.6/9

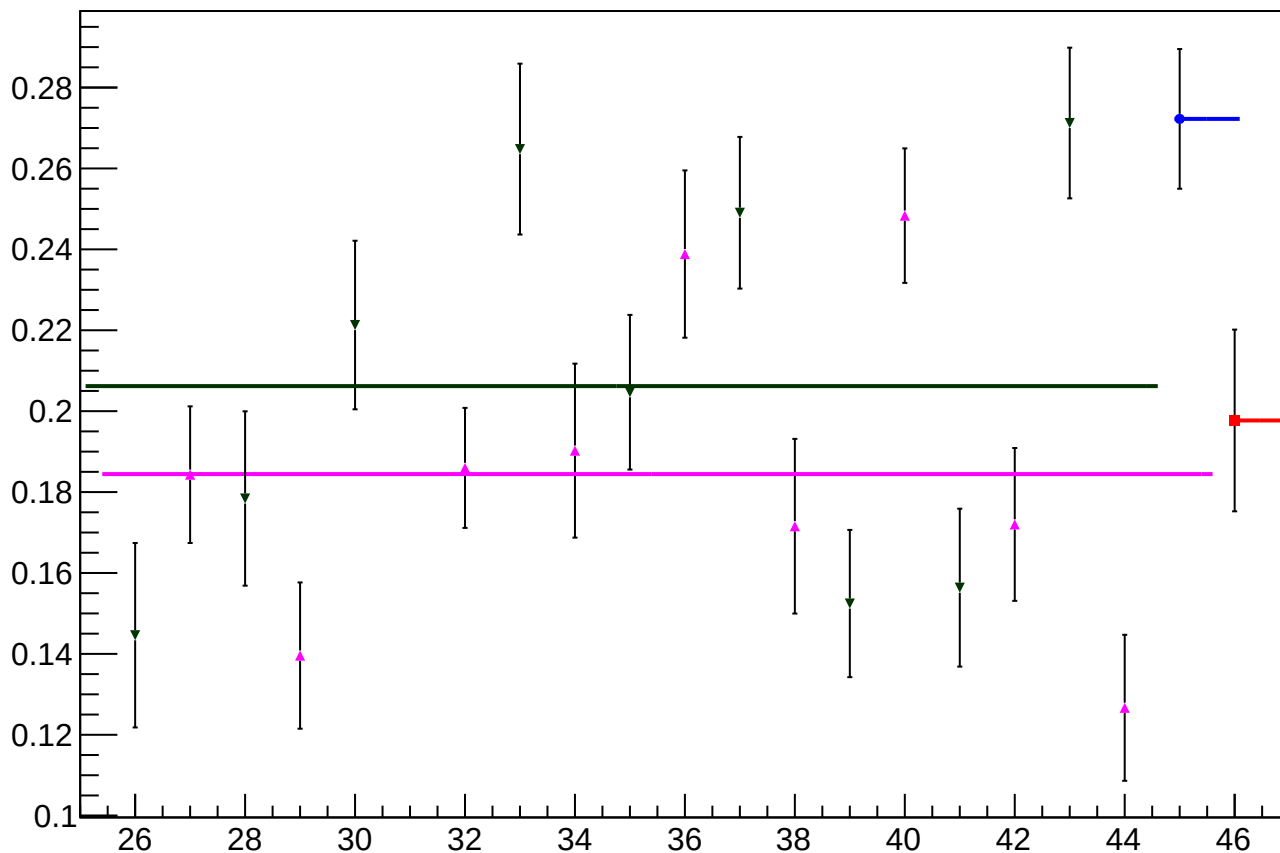
Right Out: 0.105 ± 0.030 χ^2/NDF : 0.0/0

Left In: 0.080 ± 0.008 χ^2/NDF : 39.3/8

0.075 ± 0.008 χ^2/NDF : 16.6/9

0.082 ± 0.008 χ^2/NDF : 39.9/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272 $\pm$ 0.017 χ^2/NDF : 0.0/0

Left Out: 0.206 $\pm$ 0.007 χ^2/NDF : 49.8/8

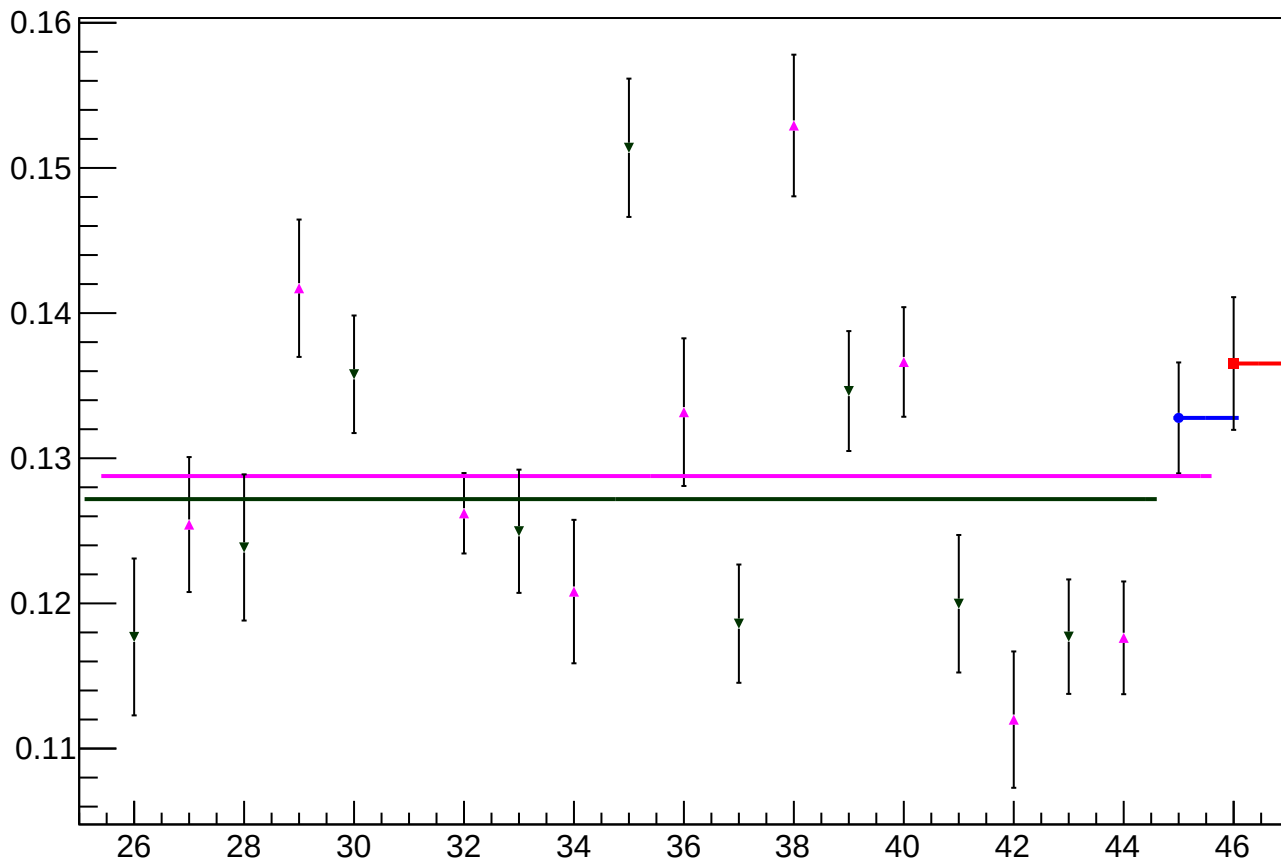
Right Out: 0.198 $\pm$ 0.022 χ^2/NDF : 0.0/0

Left In: 0.184 $\pm$ 0.006 χ^2/NDF : 39.0/8

0.215 $\pm$ 0.006 χ^2/NDF : 62.6/9

0.185 $\pm$ 0.006 χ^2/NDF : 39.3/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.133+/-0.004 $\chi^2/NDF: 0.0/0$

Left Out: 0.127+/-0.001 $\chi^2/NDF: 49.9/8$

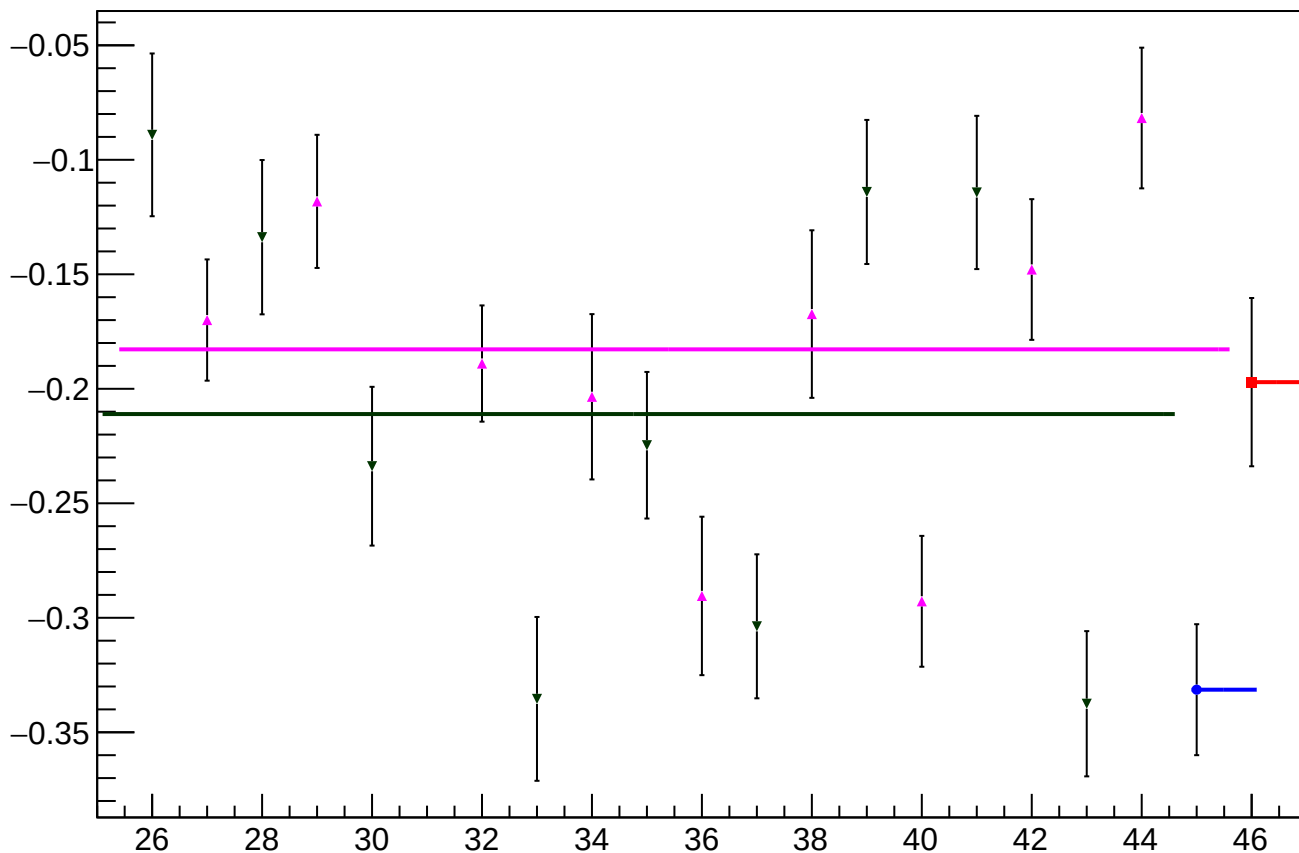
Right Out: 0.137+/-0.005 $\chi^2/NDF: 0.0/0$

Left In: 0.129+/-0.001 $\chi^2/NDF: 62.0/8$

0.128+/-0.001 $\chi^2/NDF: 51.8/9$

0.129+/-0.001 $\chi^2/NDF: 64.7/9$

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.331+/-0.029 χ^2 /NDF: 0.0/0

Left Out: -0.211+/-0.011 χ^2 /NDF: 72.2/8

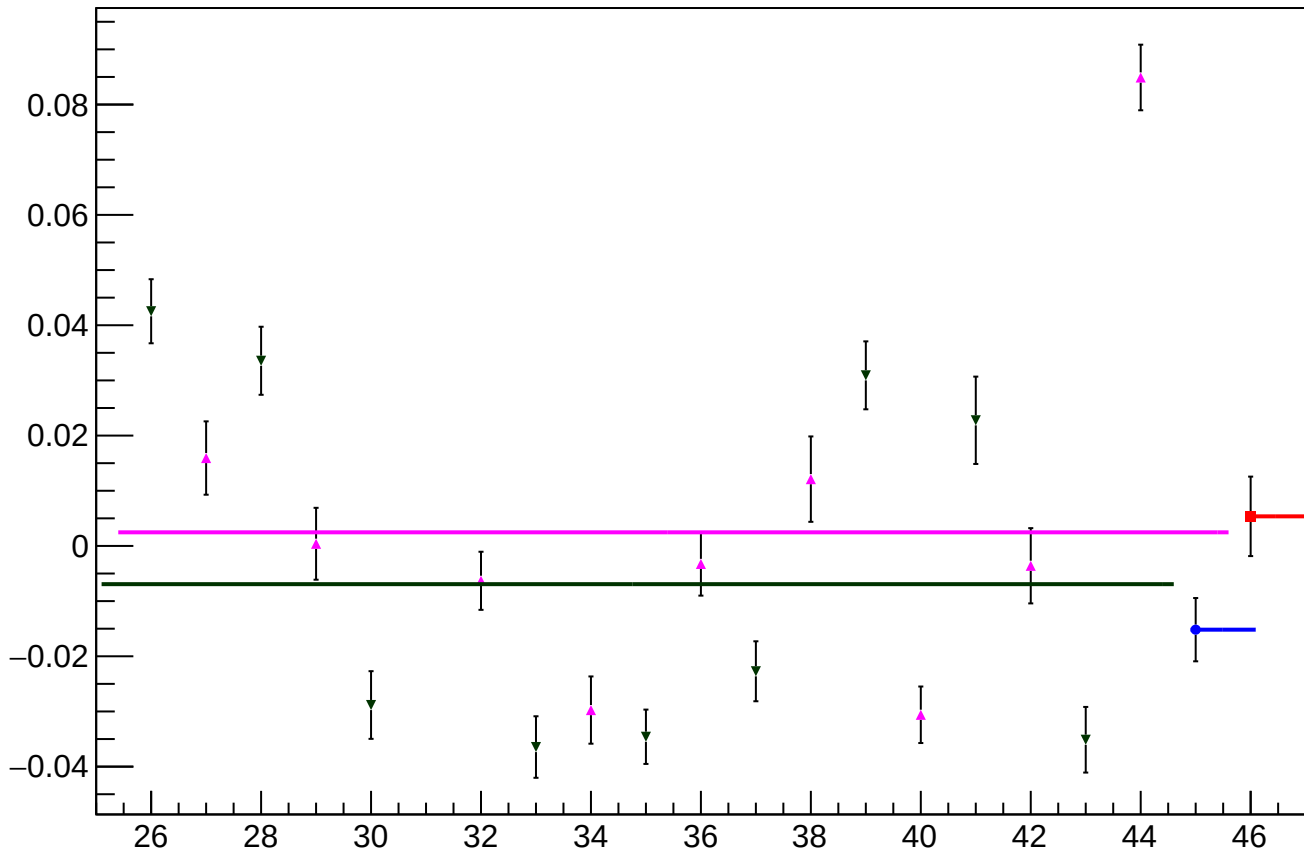
Right Out: -0.197+/-0.037 χ^2 /NDF: 0.0/0

Left In: -0.183+/-0.010 χ^2 /NDF: 42.4/8

-0.227+/-0.010 χ^2 /NDF: 87.6/9

-0.184+/-0.010 χ^2 /NDF: 42.5/9

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.015 $\pm$ 0.006 χ^2 /NDF: 0.0/0

Left Out: -0.007 $\pm$ 0.002 χ^2 /NDF: 270.8/8

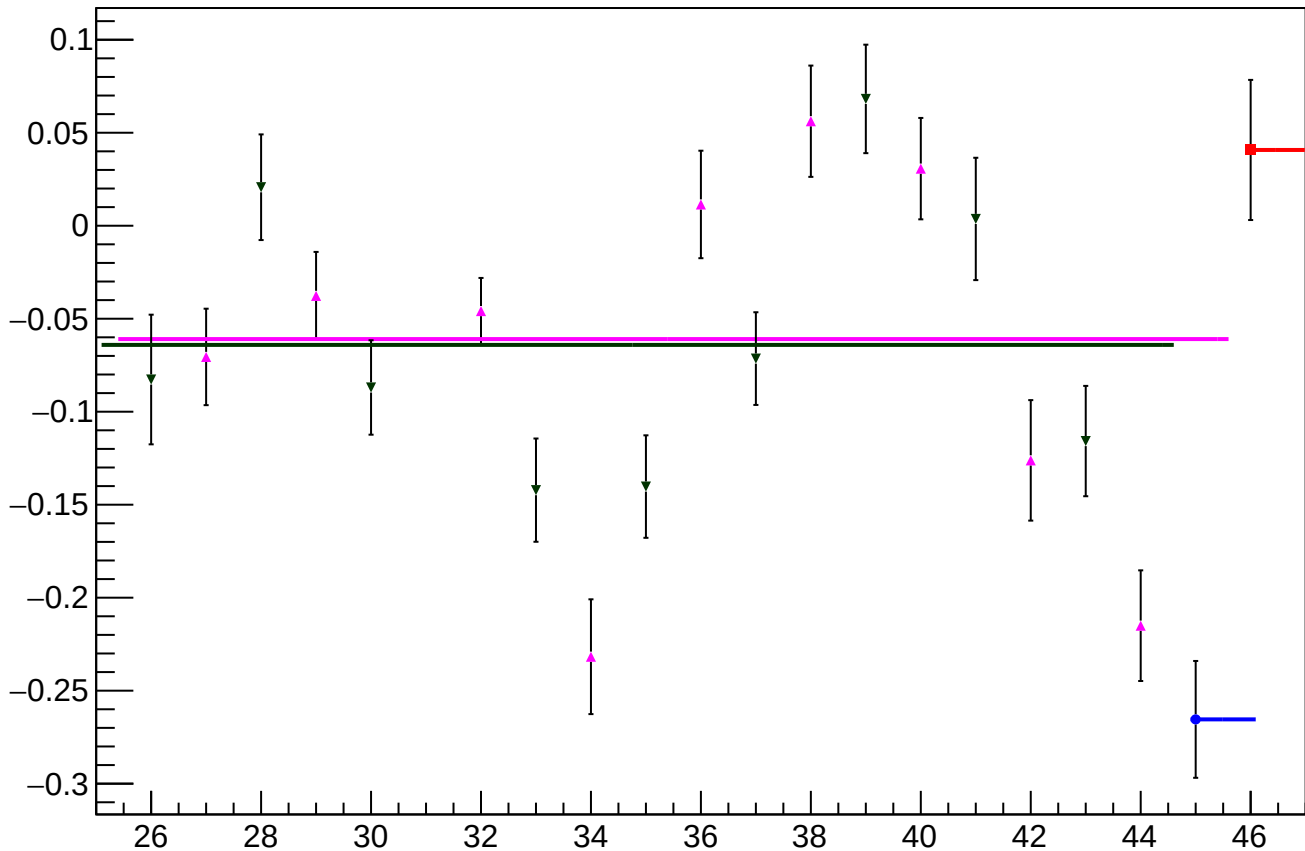
Right Out: 0.005 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF: 272.2/8

-0.008 $\pm$ 0.002 χ^2 /NDF: 272.7/9

0.003 $\pm$ 0.002 χ^2 /NDF: 272.4/9

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.265+/-0.031 χ^2/NDF : 0.0/0

Left Out: -0.064+/-0.010 χ^2/NDF : 53.5/8

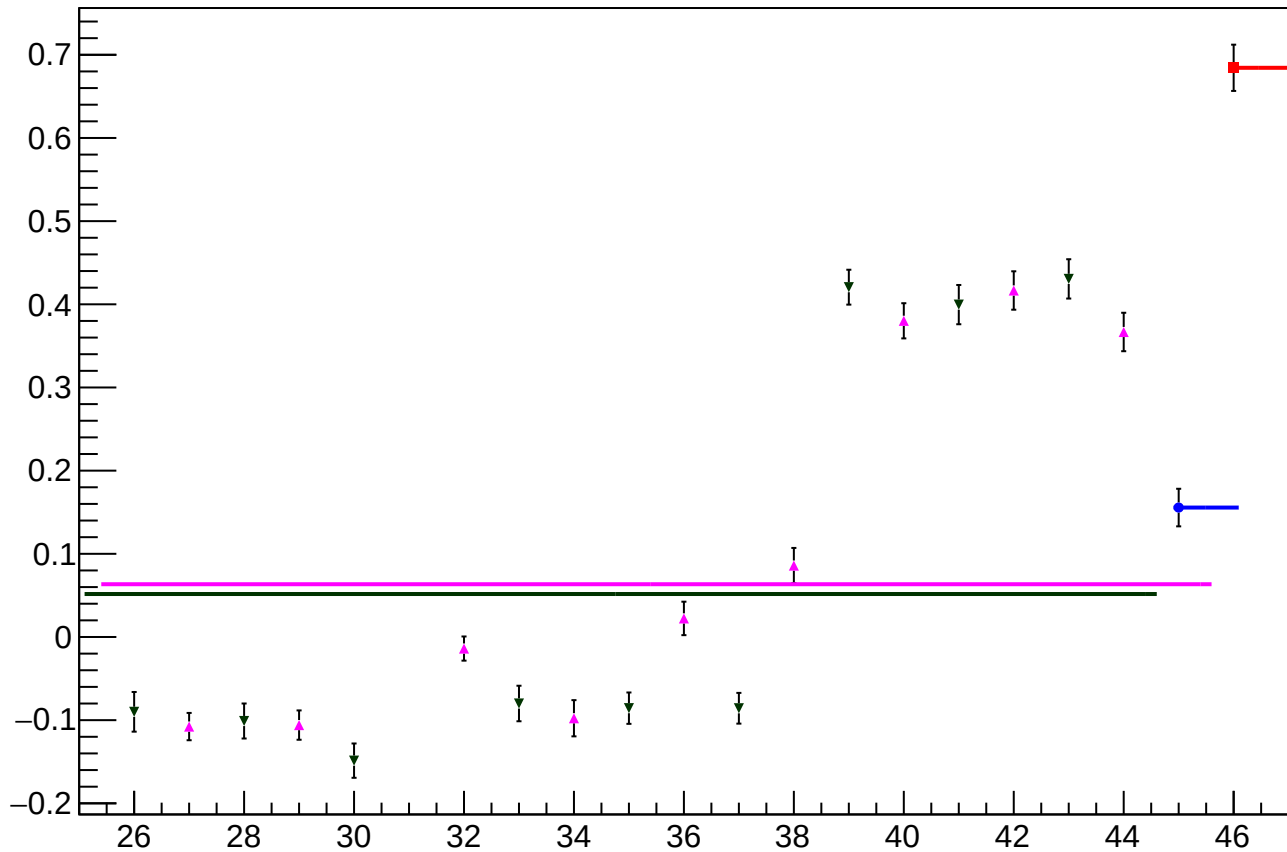
Right Out: 0.041+/-0.038 χ^2/NDF : 0.0/0

Left In: -0.061+/-0.009 χ^2/NDF : 96.2/8

-0.081+/-0.009 χ^2/NDF : 91.1/9

-0.056+/-0.008 χ^2/NDF : 103.2/9

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.156+/-0.023 χ^2/NDF : 0.0/0

Left Out: 0.052+/-0.007 χ^2/NDF : 1112.2/8

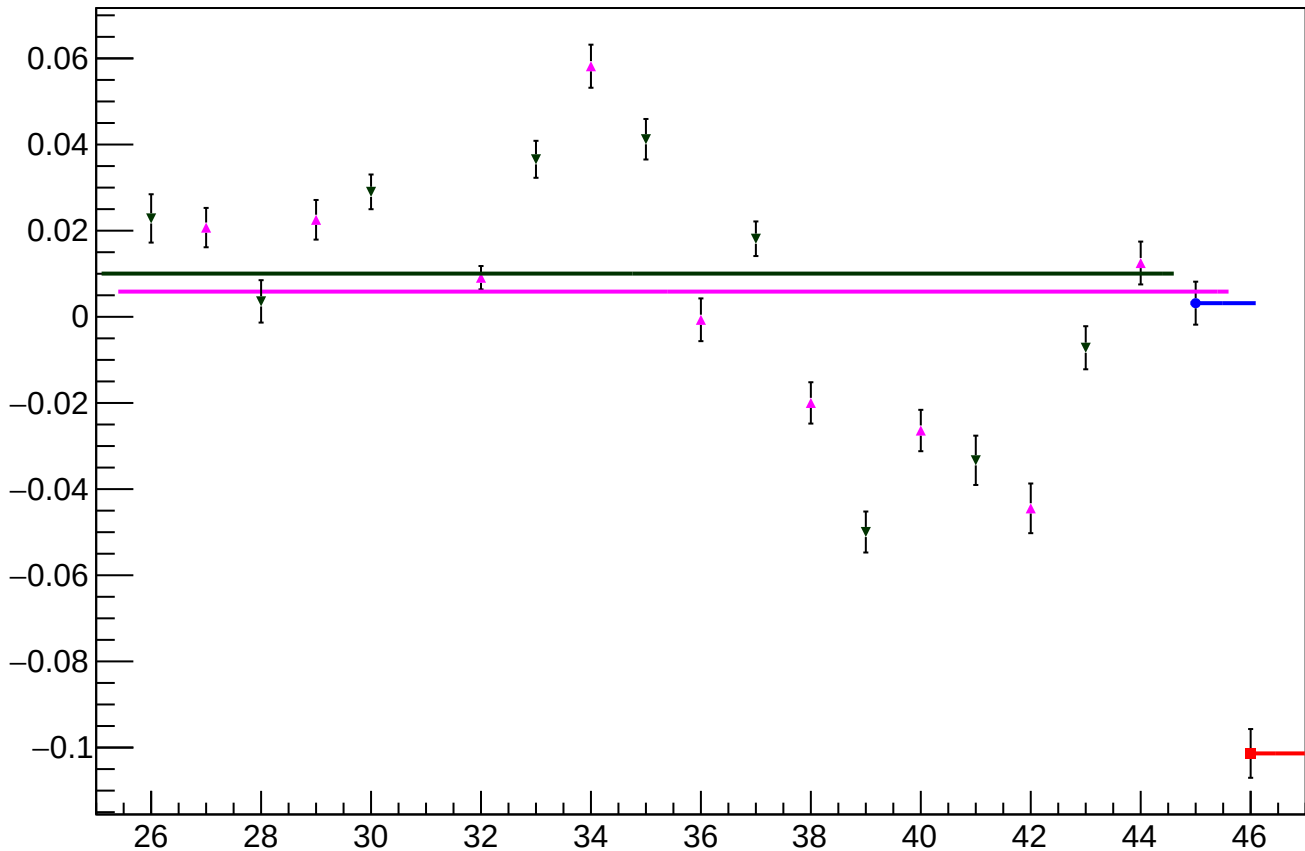
0.061+/-0.007 χ^2/NDF : 1131.5/9

Right Out: 0.684+/-0.028 χ^2/NDF : 0.0/0

0.095+/-0.006 χ^2/NDF : 1393.3/9

Left In: 0.063+/-0.006 χ^2/NDF : 919.9/8

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.003 $\pm$ 0.005 χ^2 /NDF: 0.0/0

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:343.5/8

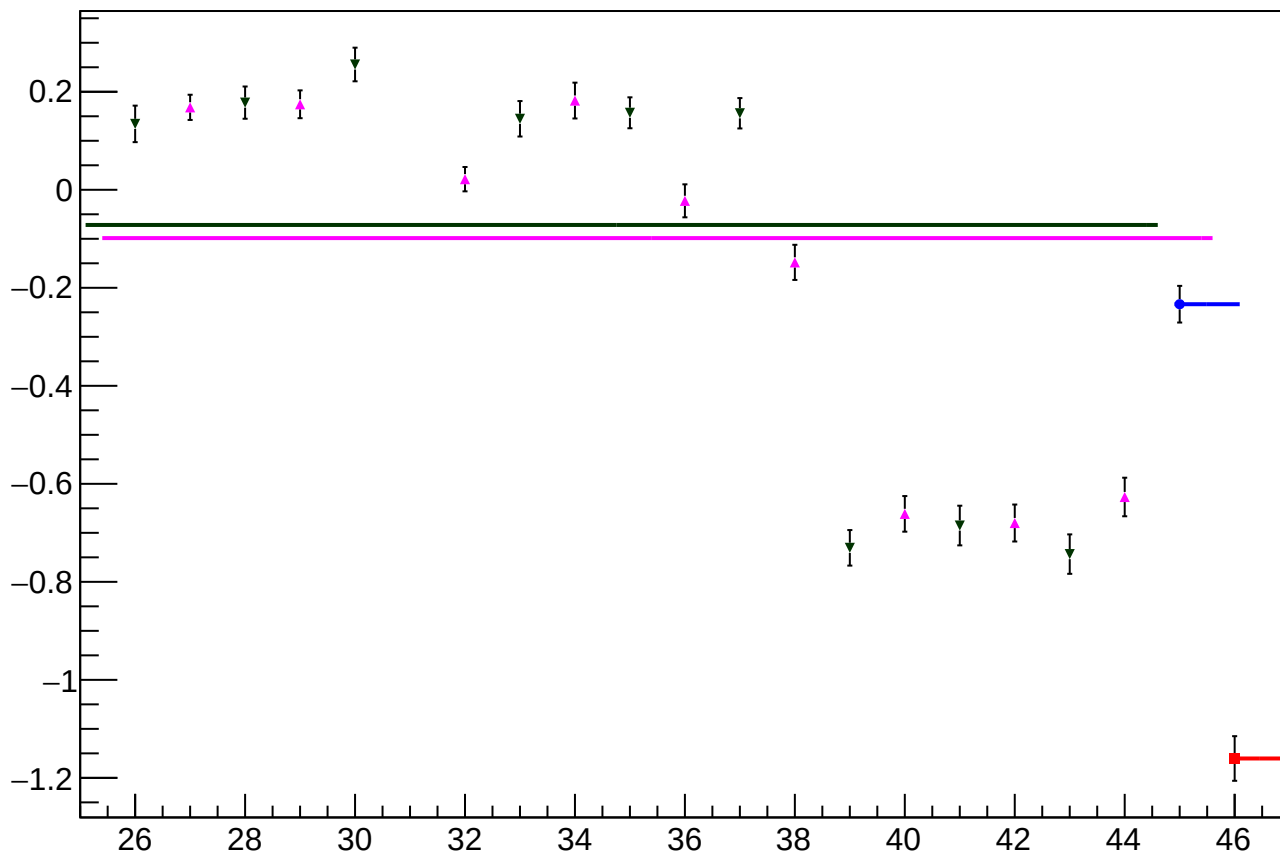
Right Out: -0.101 $\pm$ 0.006 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.001 χ^2 /NDF:288.4/8

0.009 $\pm$ 0.001 χ^2 /NDF: 345.3/9

-0.001 $\pm$ 0.001 χ^2 /NDF: 624.8/9

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.233+/-0.037 χ^2/NDF : 0.0/0

Left Out: -0.072+/-0.012 χ^2/NDF : 1160.0/8

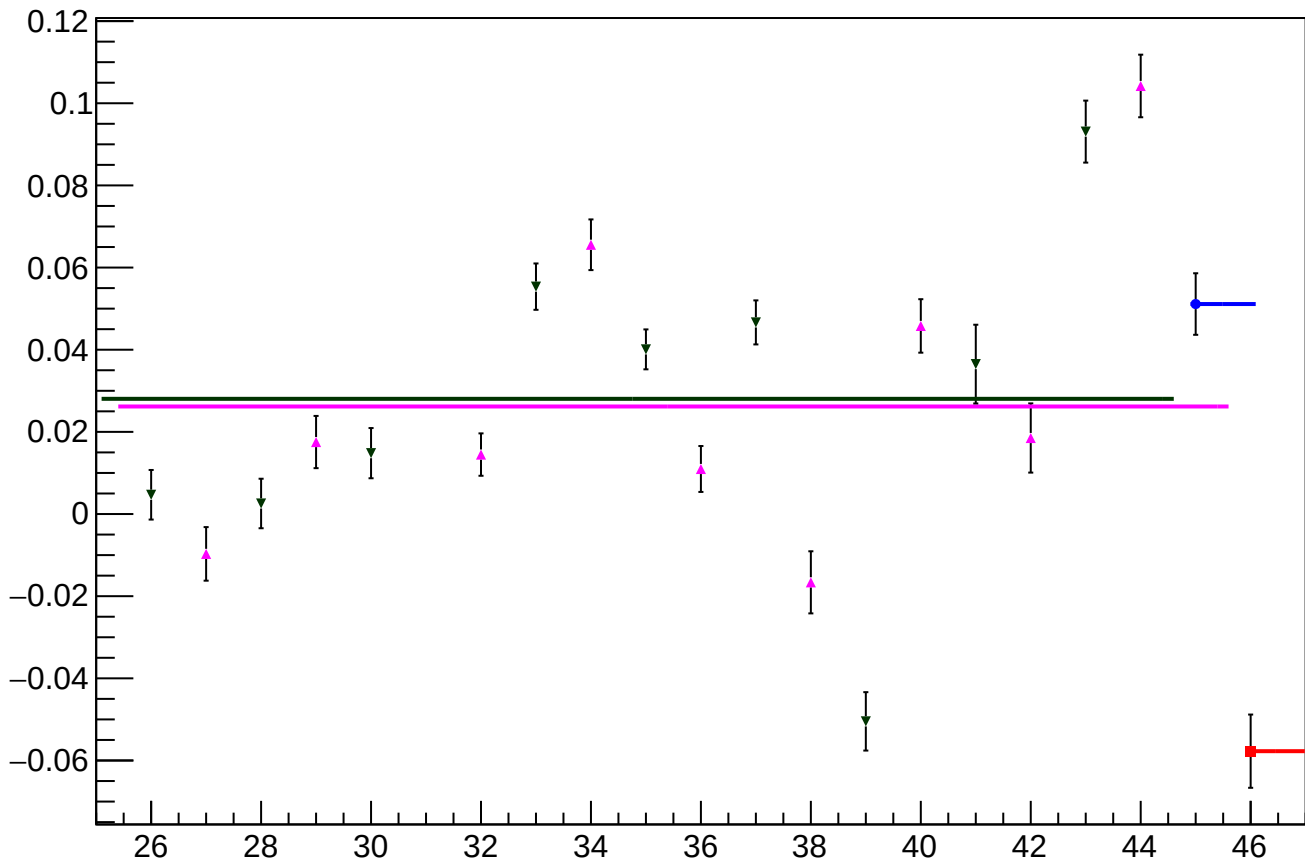
Right Out: -1.160+/-0.046 χ^2/NDF : 0.0/0

Left In: -0.099+/-0.011 χ^2/NDF : 947.3/8

-0.086+/-0.011 χ^2/NDF : 1177.1/9

-0.153+/-0.010 χ^2/NDF : 1463.2/9

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.051+/-0.007 χ^2/NDF : 0.0/0

Left Out: 0.028+/-0.002 χ^2/NDF : 276.2/8

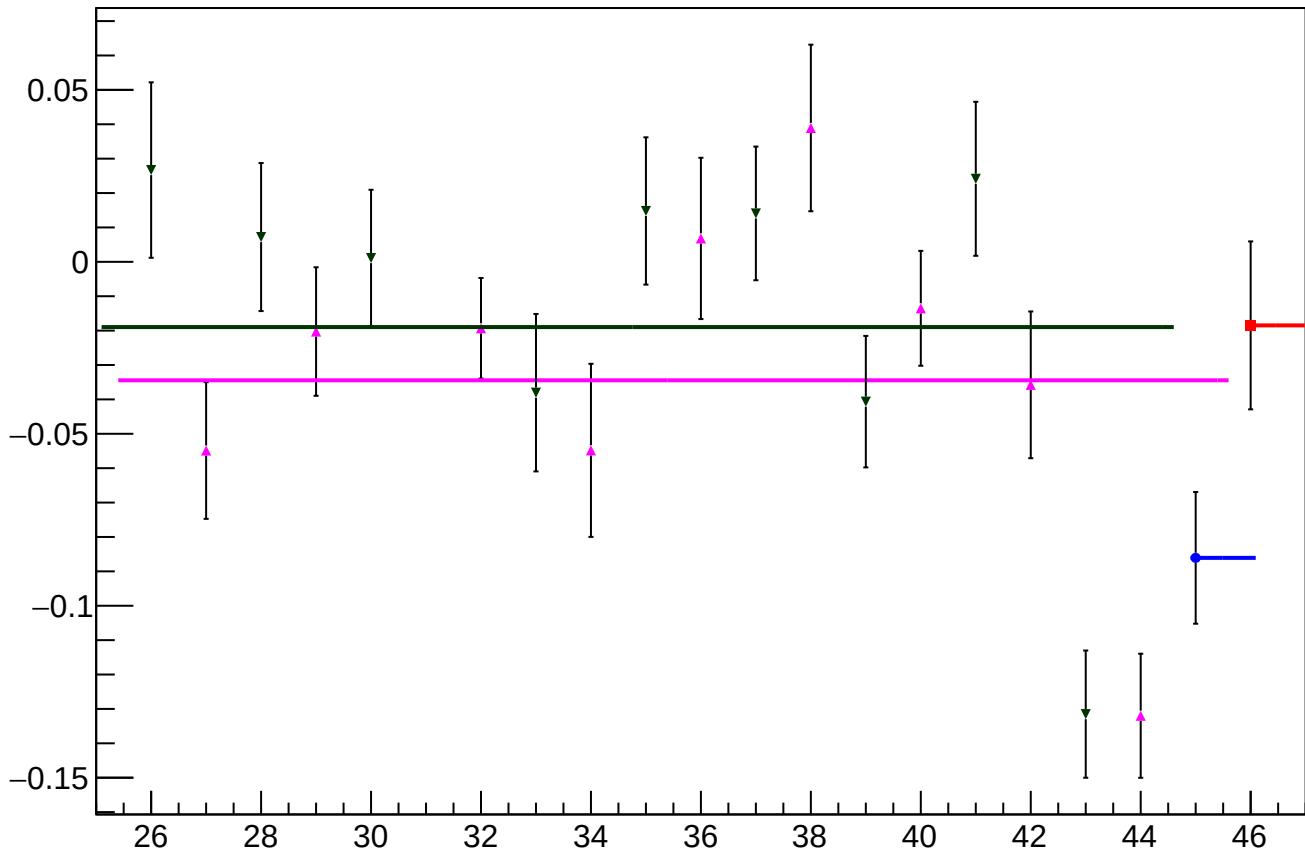
Right Out: -0.058+/-0.009 χ^2/NDF : 0.0/0

Left In: 0.026+/-0.002 χ^2/NDF : 232.3/8

0.030+/-0.002 χ^2/NDF : 285.1/9

0.022+/-0.002 χ^2/NDF : 316.0/9

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.086 $\pm$ 0.019 χ^2 /NDF: 0.0/0

Left Out: -0.019 $\pm$ 0.007 χ^2 /NDF: 53.8/8

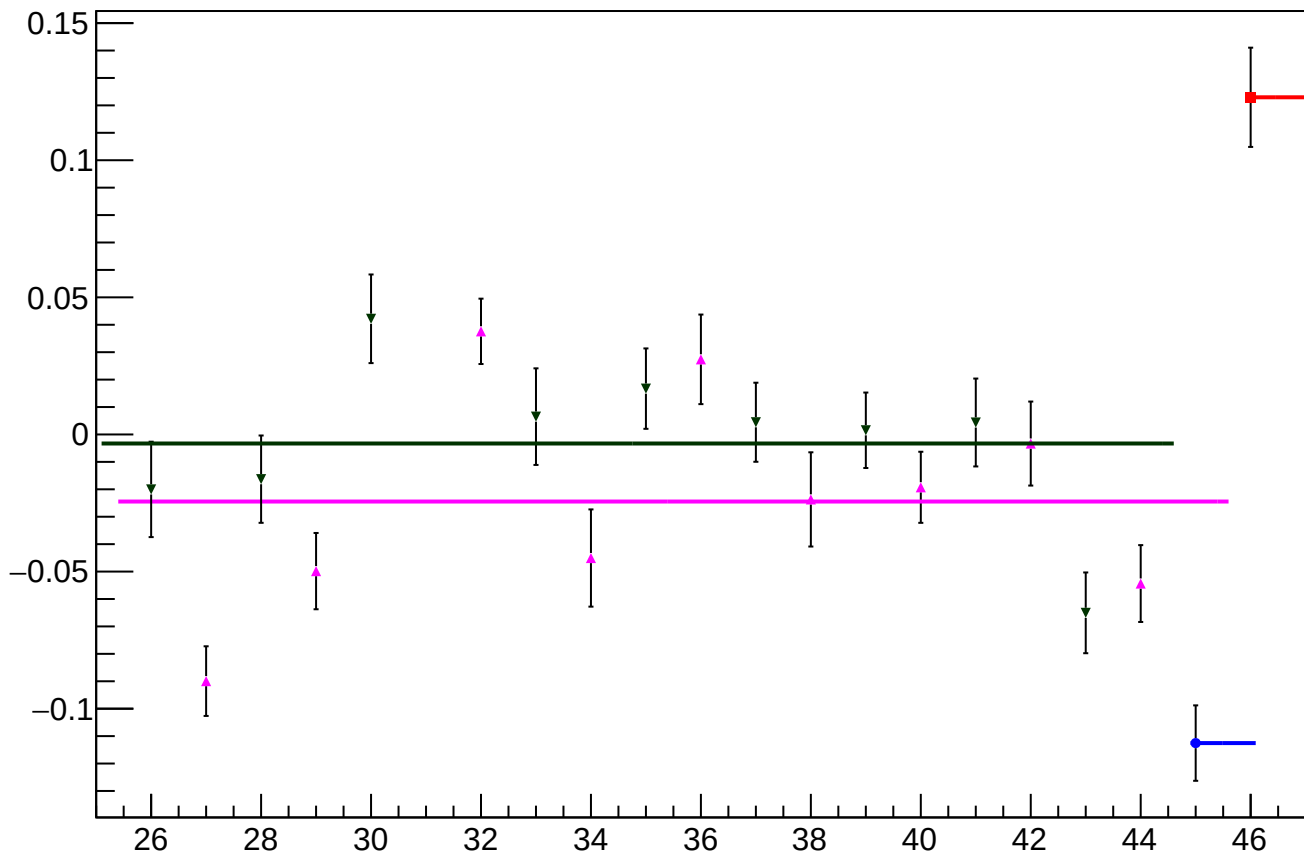
Right Out: -0.018 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.006 χ^2 /NDF: 46.4/8

-0.027 $\pm$ 0.007 χ^2 /NDF: 64.6/9

-0.033 $\pm$ 0.006 χ^2 /NDF: 46.8/9

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.113+/-0.014 χ^2/NDF : 0.0/0

Left Out: -0.003+/-0.005 χ^2/NDF : 29.9/8

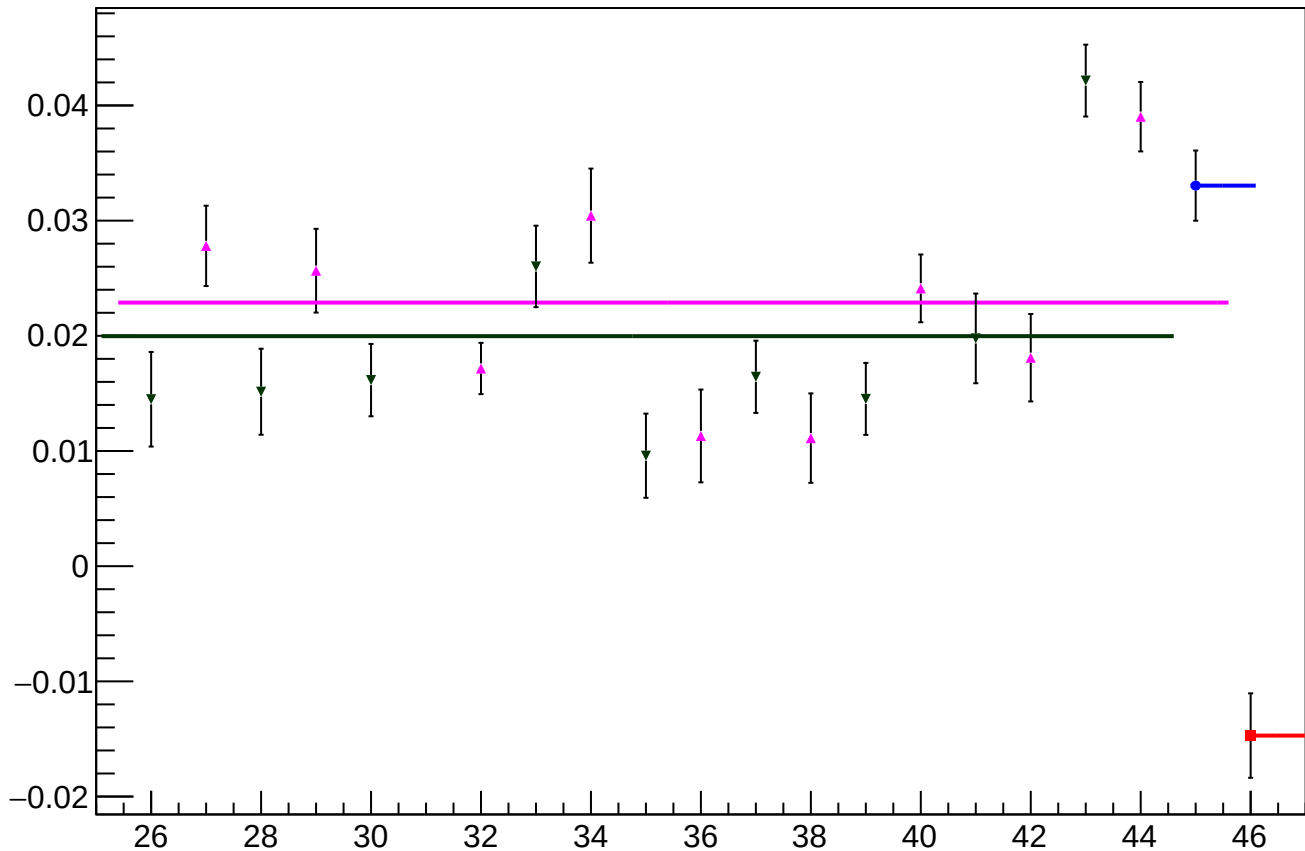
Right Out: 0.123+/-0.018 χ^2/NDF : 0.0/0

Left In: -0.024+/-0.005 χ^2/NDF : 75.1/8

-0.017+/-0.005 χ^2/NDF : 85.2/9

-0.015+/-0.005 χ^2/NDF : 137.2/9

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.033 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left Out: 0.020 $\pm$ 0.001 χ^2 /NDF: 70.9/8

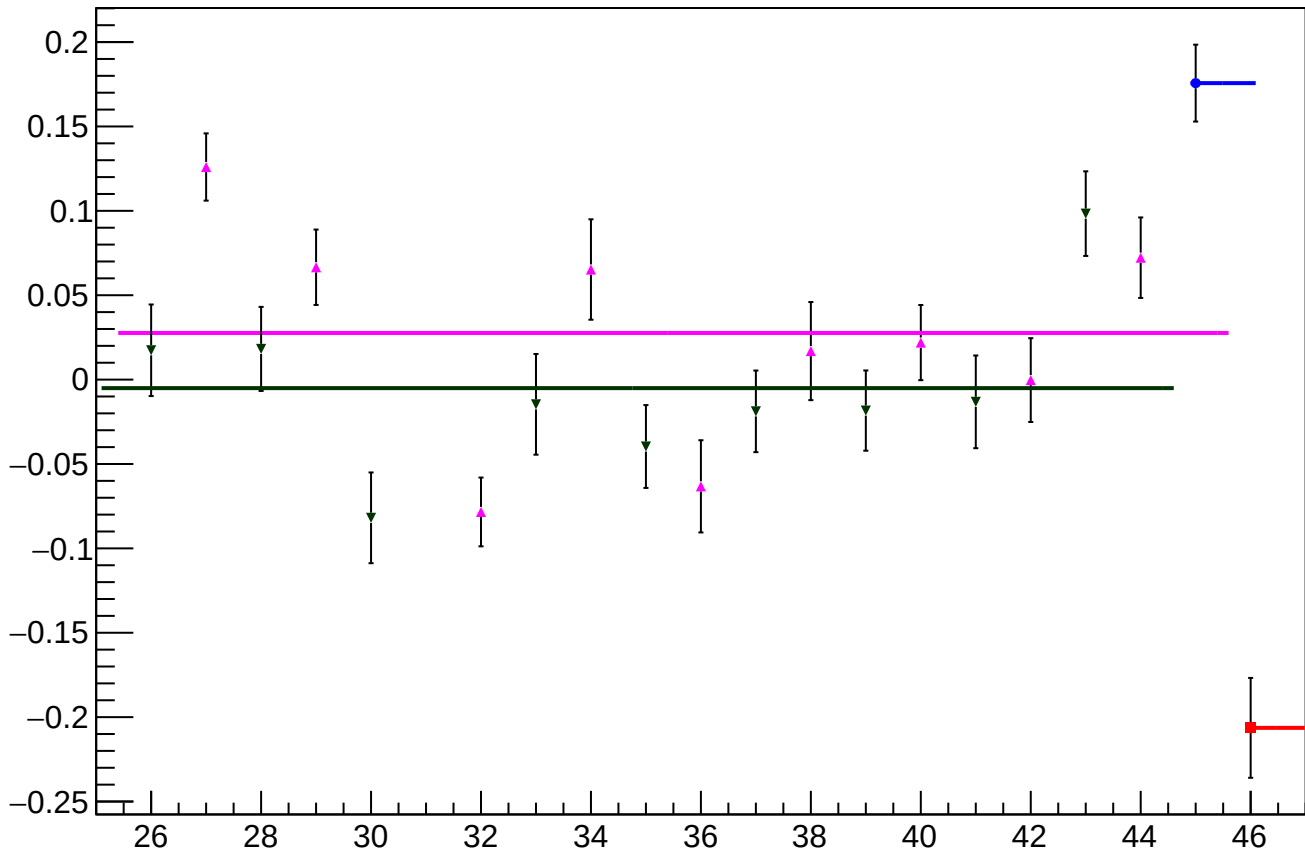
Right Out: -0.015 $\pm$ 0.004 χ^2 /NDF: 0.0/0

Left In: 0.023 $\pm$ 0.001 χ^2 /NDF: 60.5/8

0.022 $\pm$ 0.001 χ^2 /NDF: 87.0/9

0.020 $\pm$ 0.001 χ^2 /NDF: 157.1/9

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.176+/-0.023 χ^2/NDF : 0.0/0

Left Out: -0.005+/-0.009 χ^2/NDF : 29.5/8

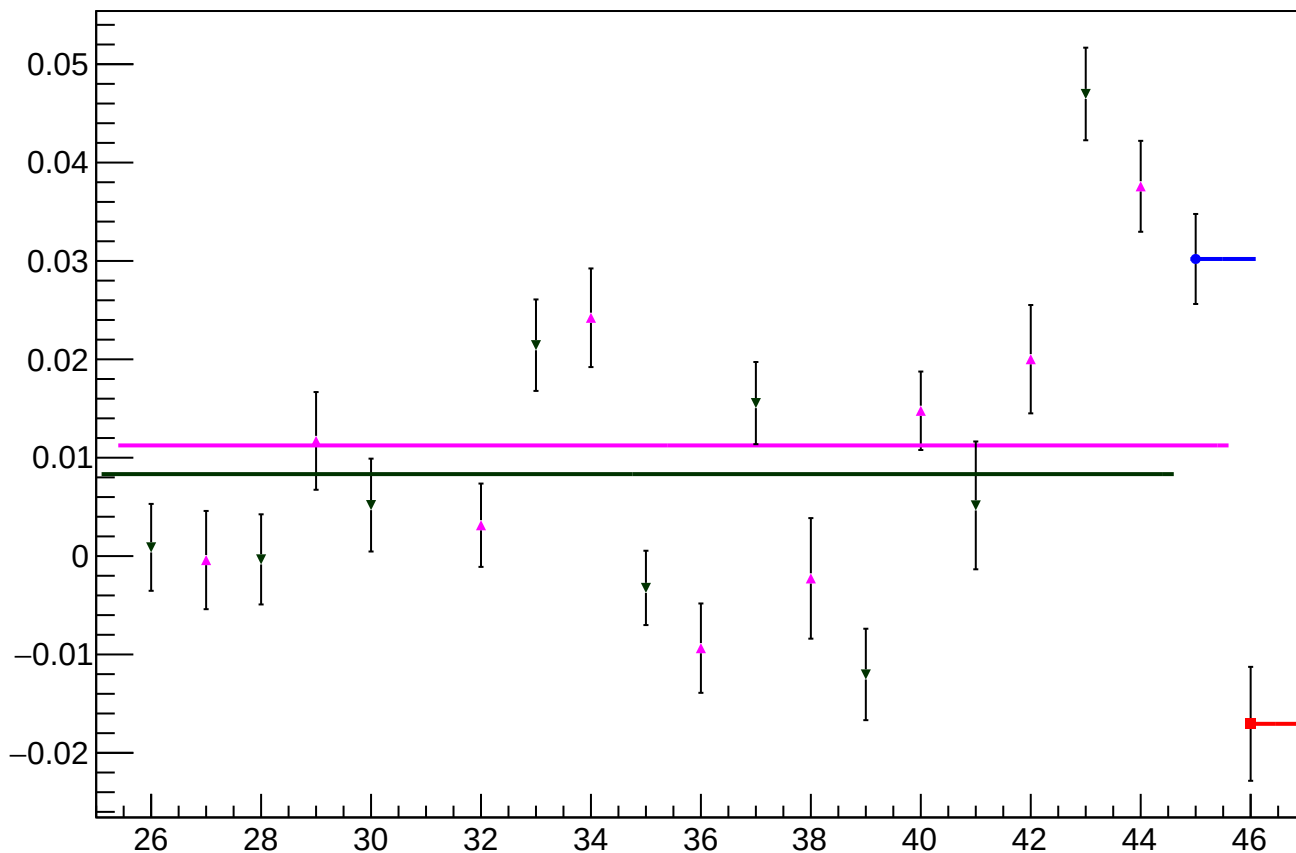
Right Out: -0.206+/-0.030 χ^2/NDF : 0.0/0

Left In: 0.028+/-0.008 χ^2/NDF : 72.1/8

0.017+/-0.008 χ^2/NDF : 84.6/9

0.012+/-0.008 χ^2/NDF : 130.4/9

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.030 $\pm$ 0.005 χ^2/NDF : 0.0/0

Left Out: 0.008 $\pm$ 0.002 χ^2/NDF : 114.0/8

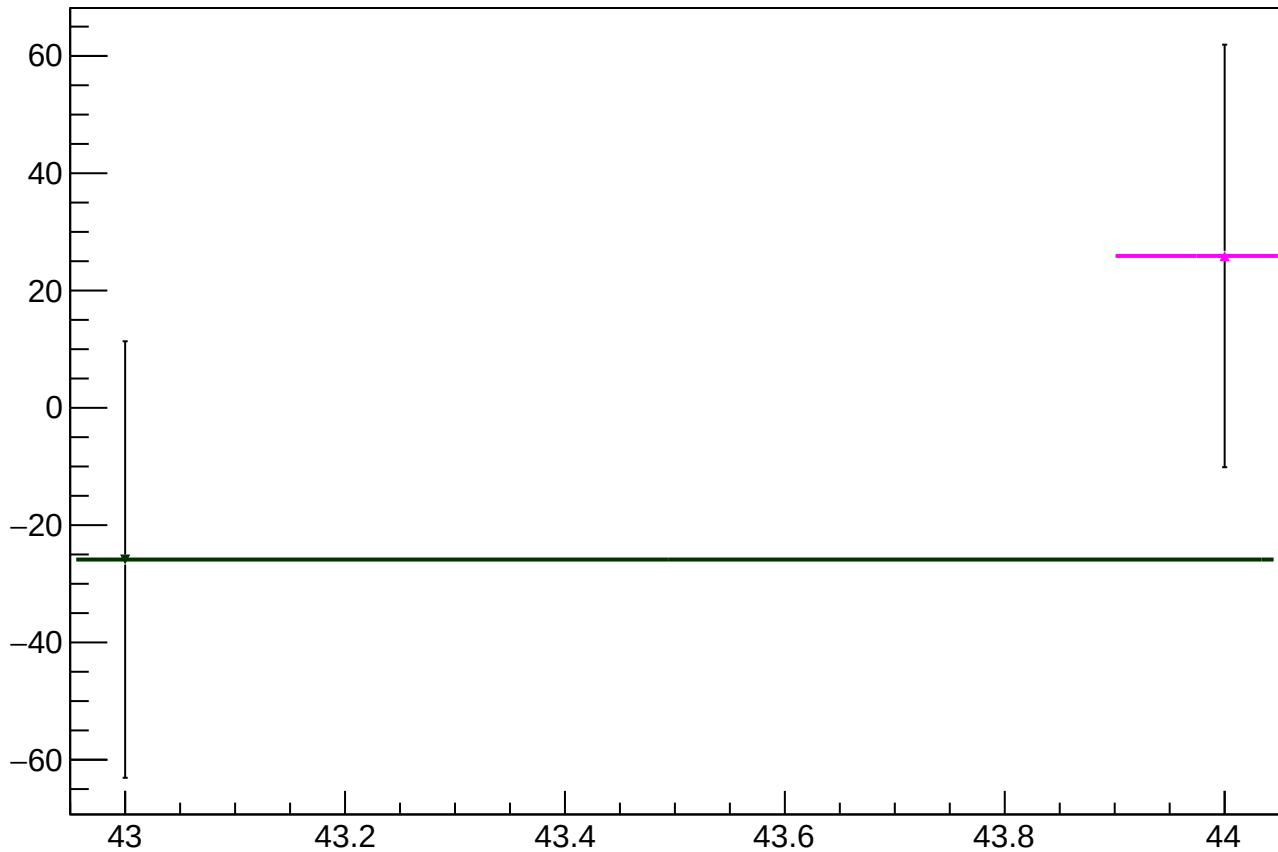
Right Out: -0.017 $\pm$ 0.006 χ^2/NDF : 0.0/0

Left In: 0.011 $\pm$ 0.002 χ^2/NDF : 77.1/8

0.011 $\pm$ 0.001 χ^2/NDF : 134.6/9

0.009 $\pm$ 0.002 χ^2/NDF : 99.3/9

bcm_dg_us_dg_ds_dd_mean vs slug



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

-25.864+/-37.215 χ^2/NDF : 0.0/0

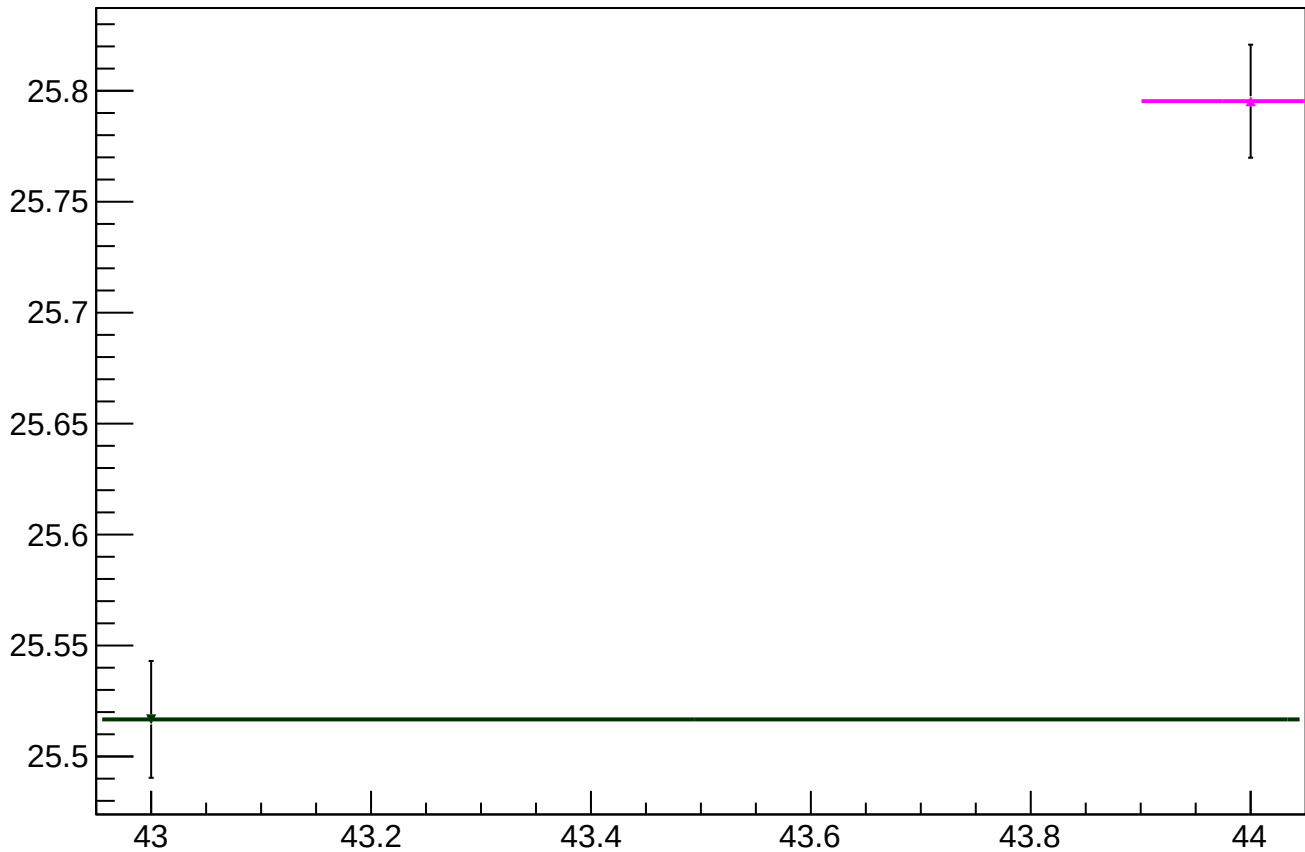
Left Out: -25.864+/-37.215 χ^2/NDF : 0.0/0

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

25.900+/-36.022 χ^2/NDF : 0.0/0

Left In: 25.900+/-36.022 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs slug



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

Left Out: 25.517 $\pm$ 0.026 χ^2 /NDF: 0.0/0

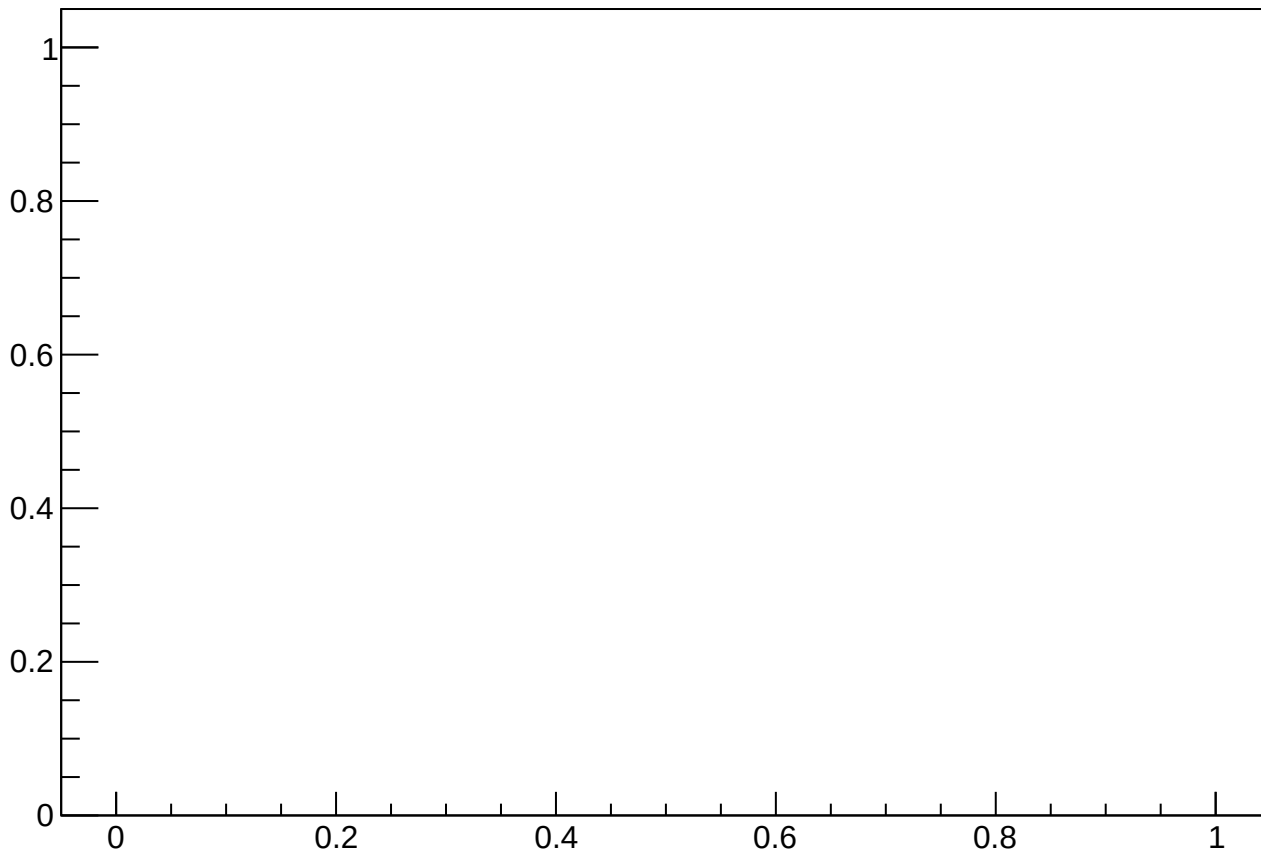
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

25.517 $\pm$ 0.026 χ^2 /NDF: 0.0/0

25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

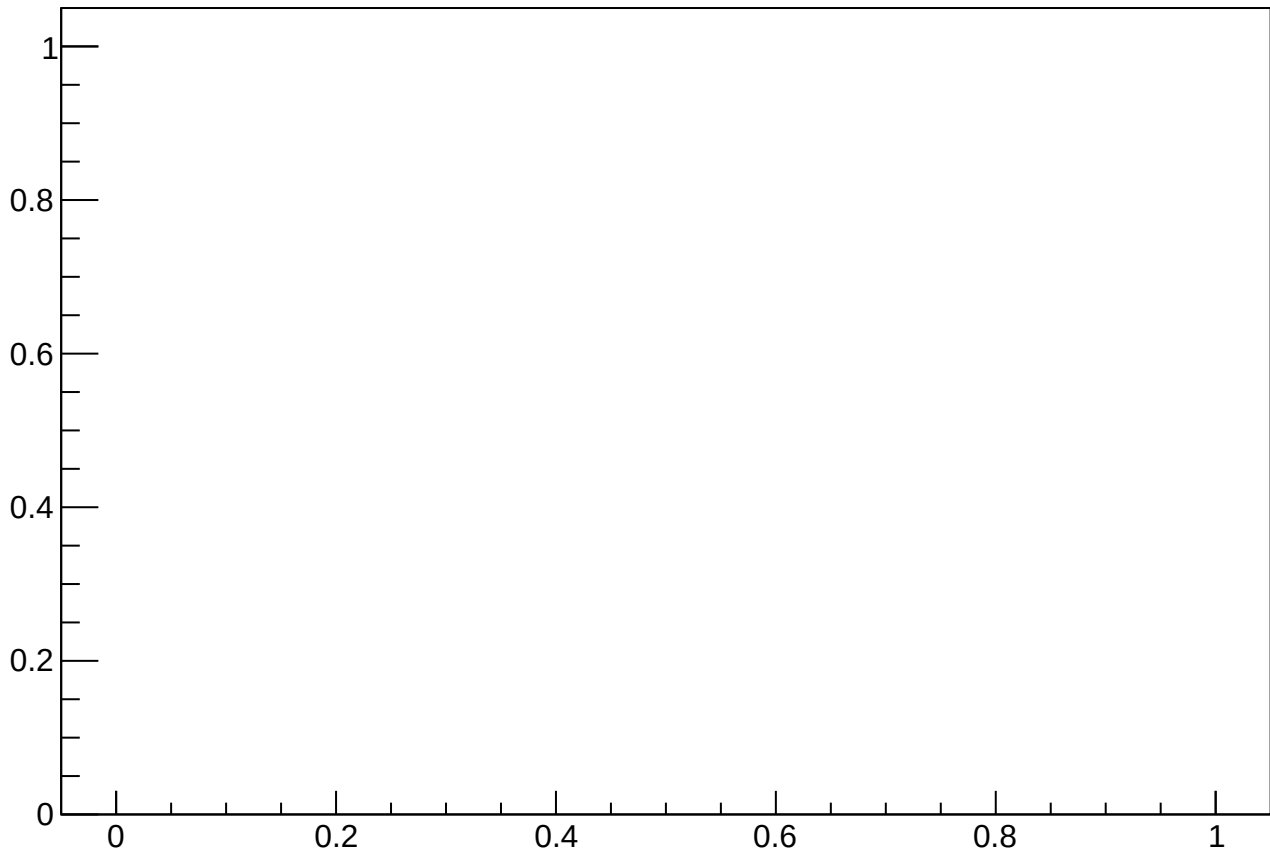
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

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

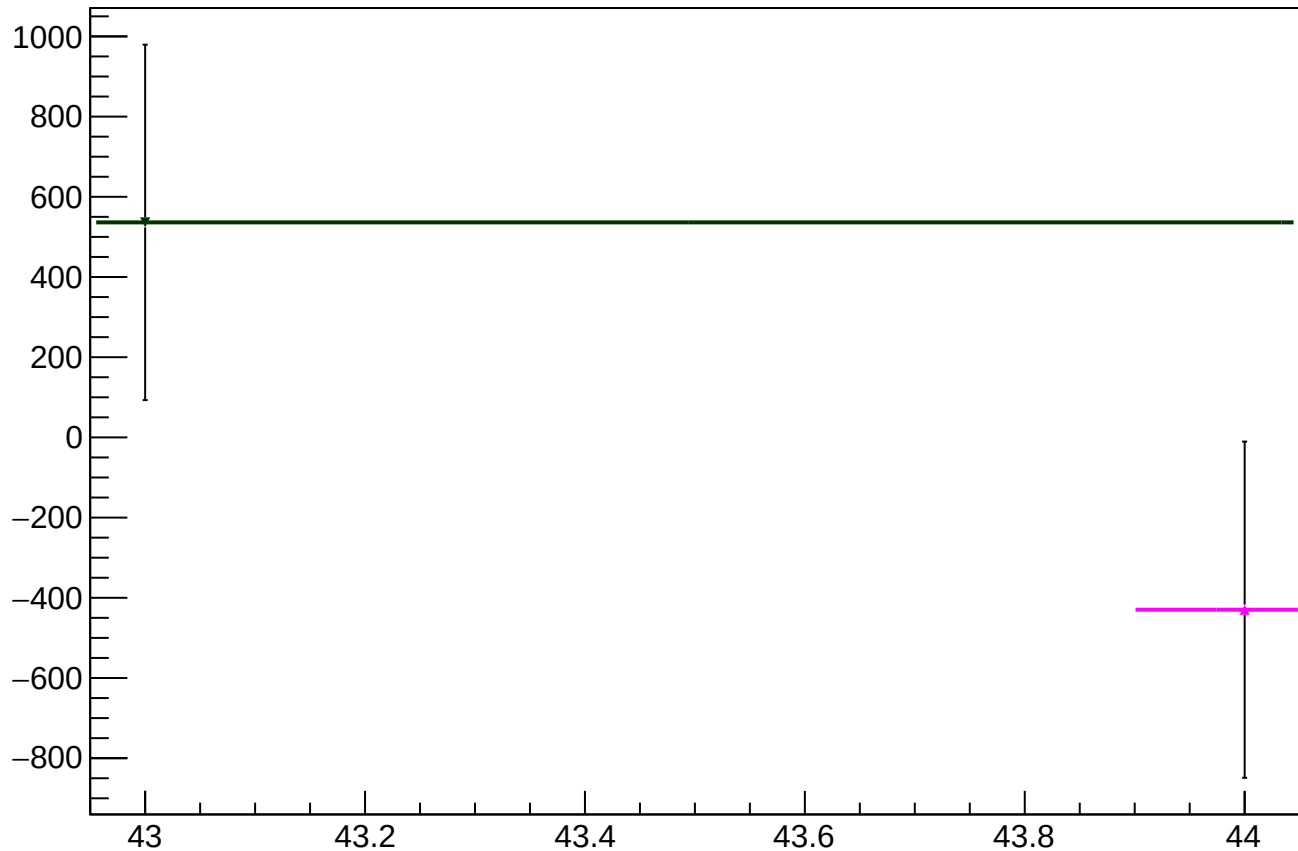
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Left Out: 536.234+/-443.159 χ^2 /NDF: 0.0/0

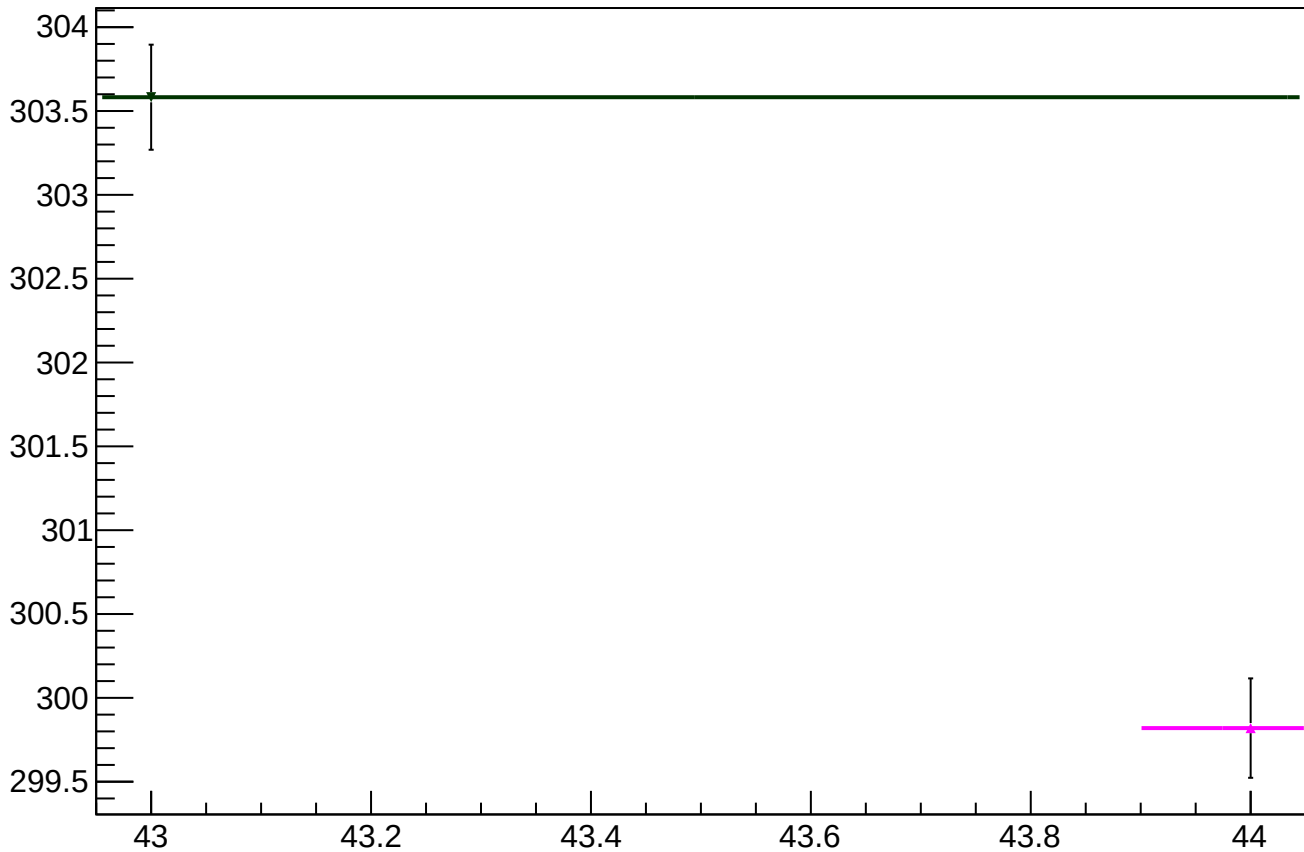
536.234+/-443.159 χ^2 /NDF: 0.0/0

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

-429.667+/-419.215 χ^2 /NDF: 0.0/0

Left In: -429.667+/-419.215 χ^2 /NDF: 0.0/0

asym_us_agg_avg_rms vs slug



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

Left Out: 303.582+/-0.313 χ^2 /NDF: 0.0/0

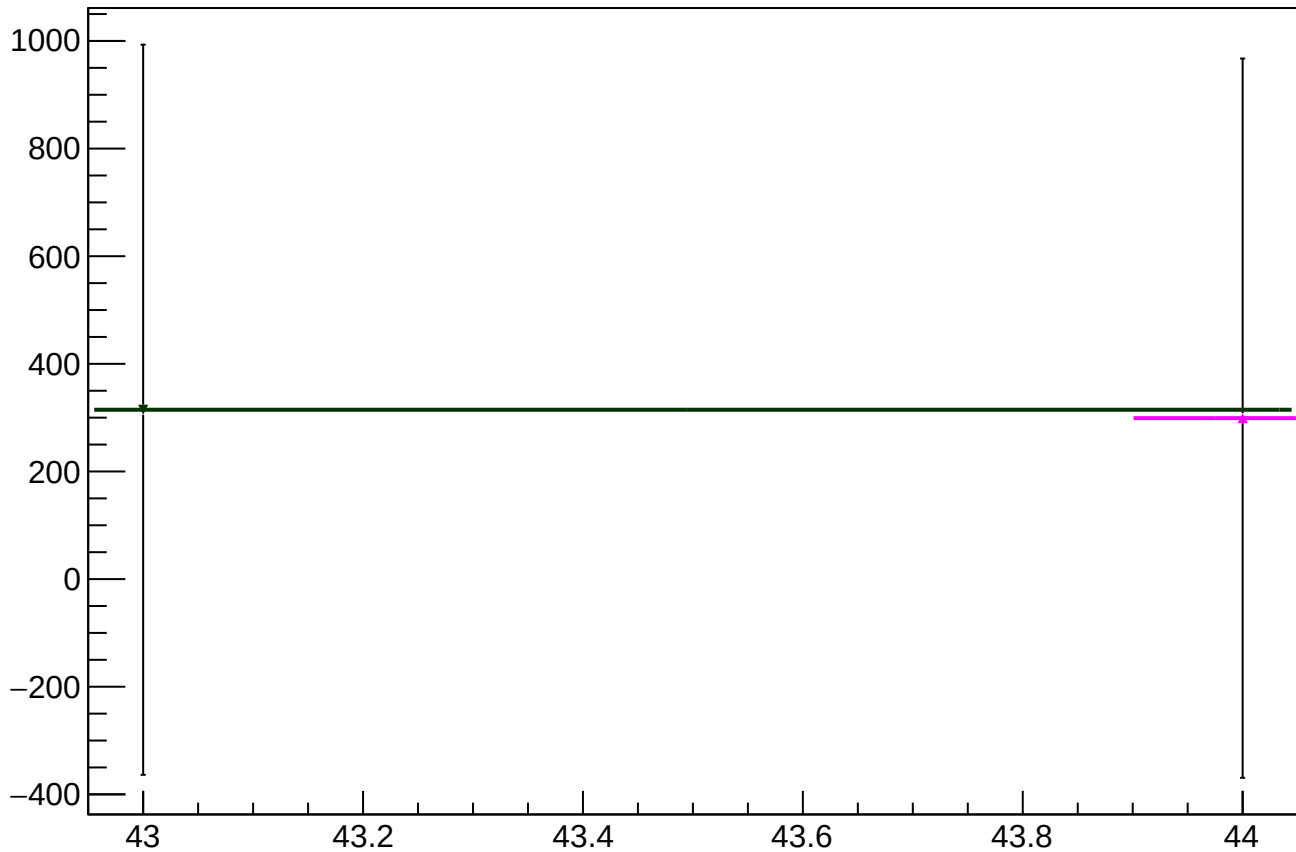
303.582+/-0.313 χ^2 /NDF: 0.0/0

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

299.820+/-0.296 χ^2 /NDF: 0.0/0

Left In: 299.820+/-0.296 χ^2 /NDF: 0.0/0

asym_us_agg_dd_mean vs slug



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

Left Out: 314.697 $\pm$ 678.402 χ^2 /NDF: 0.0/0

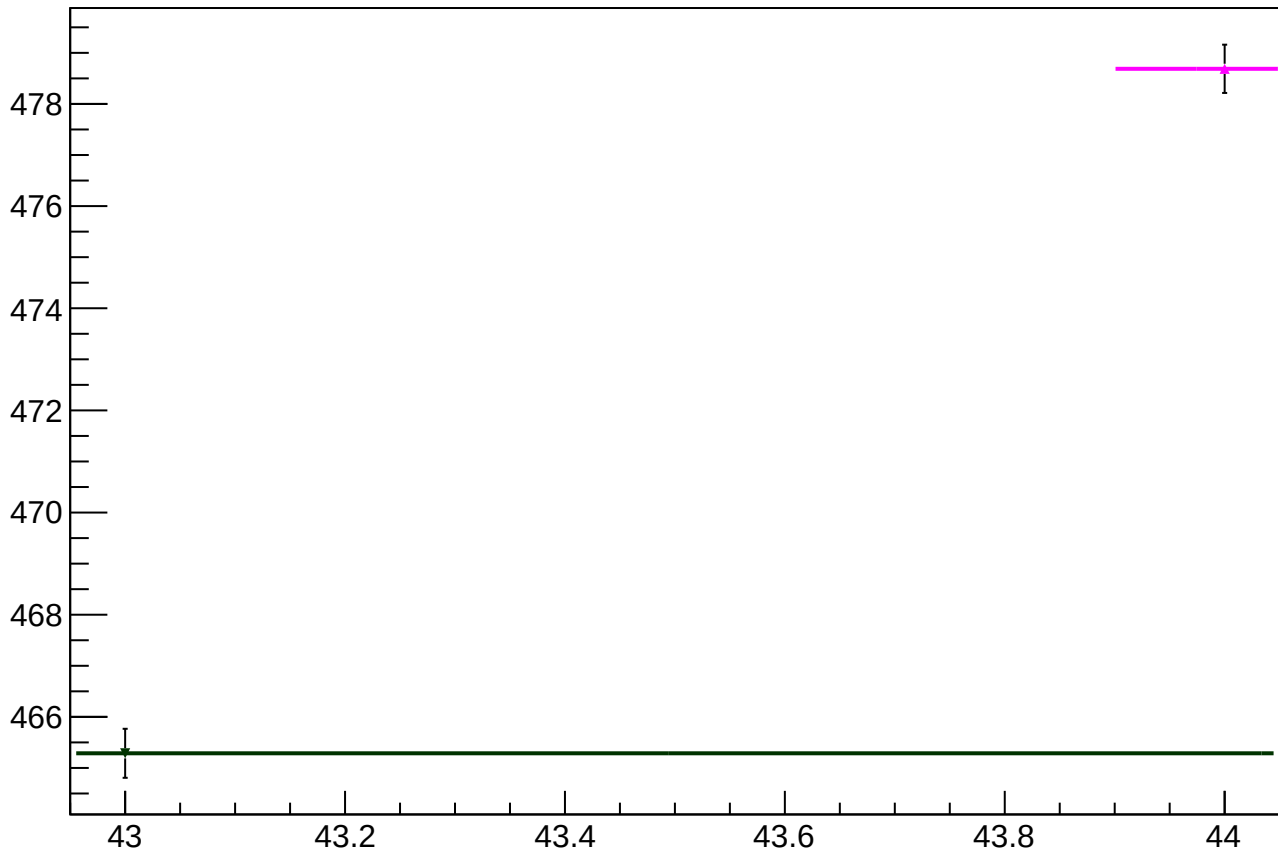
314.697 $\pm$ 678.402 χ^2 /NDF: 0.0/0

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

299.068 $\pm$ 668.301 χ^2 /NDF: 0.0/0

Left In: 299.068 $\pm$ 668.301 χ^2 /NDF: 0.0/0

asym_us_agg_dd_rms vs slug



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

Left Out: 465.287+/-0.480 χ^2/NDF : 0.0/0

465.287+/-0.480 χ^2/NDF : 0.0/0

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

478.688+/-0.473 χ^2/NDF : 0.0/0

Left In: 478.688+/-0.473 χ^2/NDF : 0.0/0

asym_ds_agg_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_avg_rms vs slug



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

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

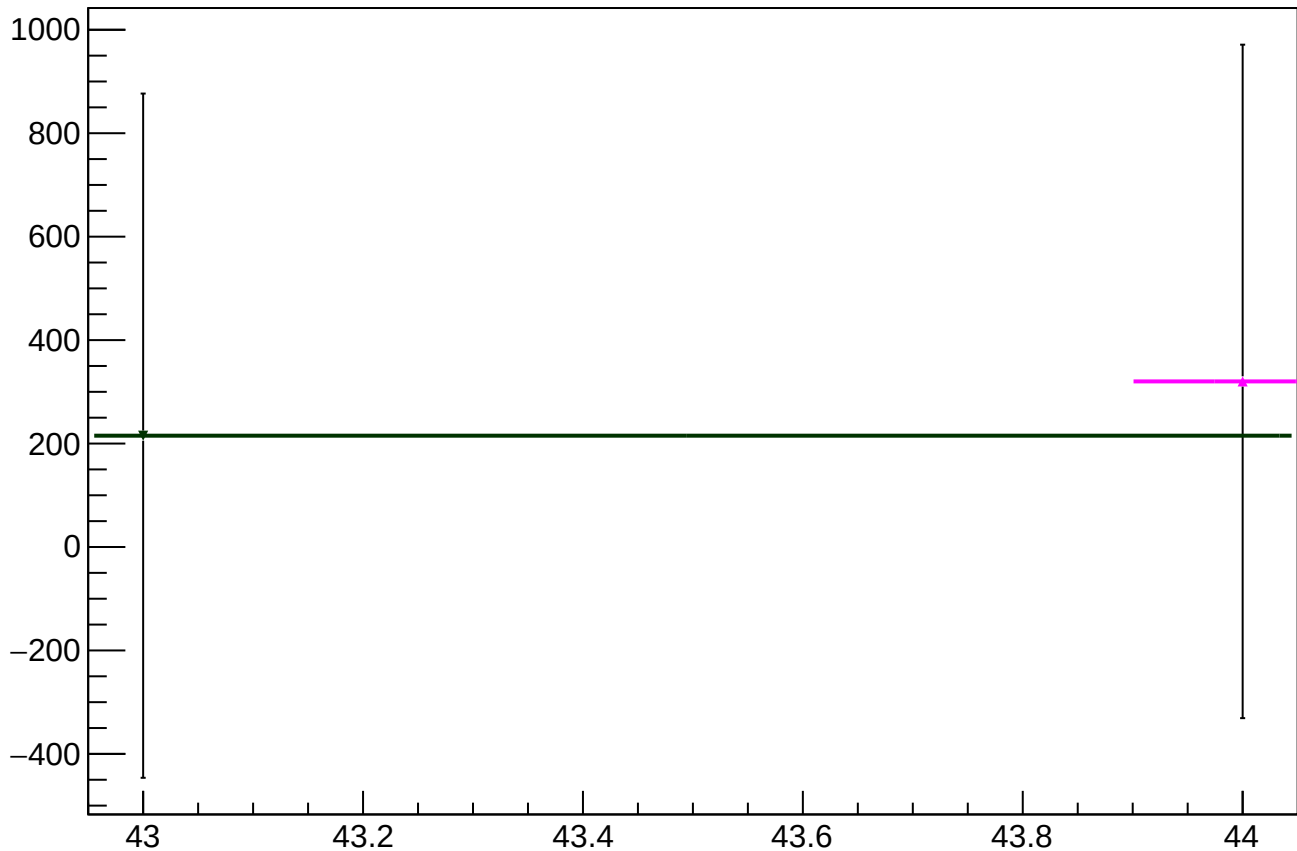
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_mean vs slug



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

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

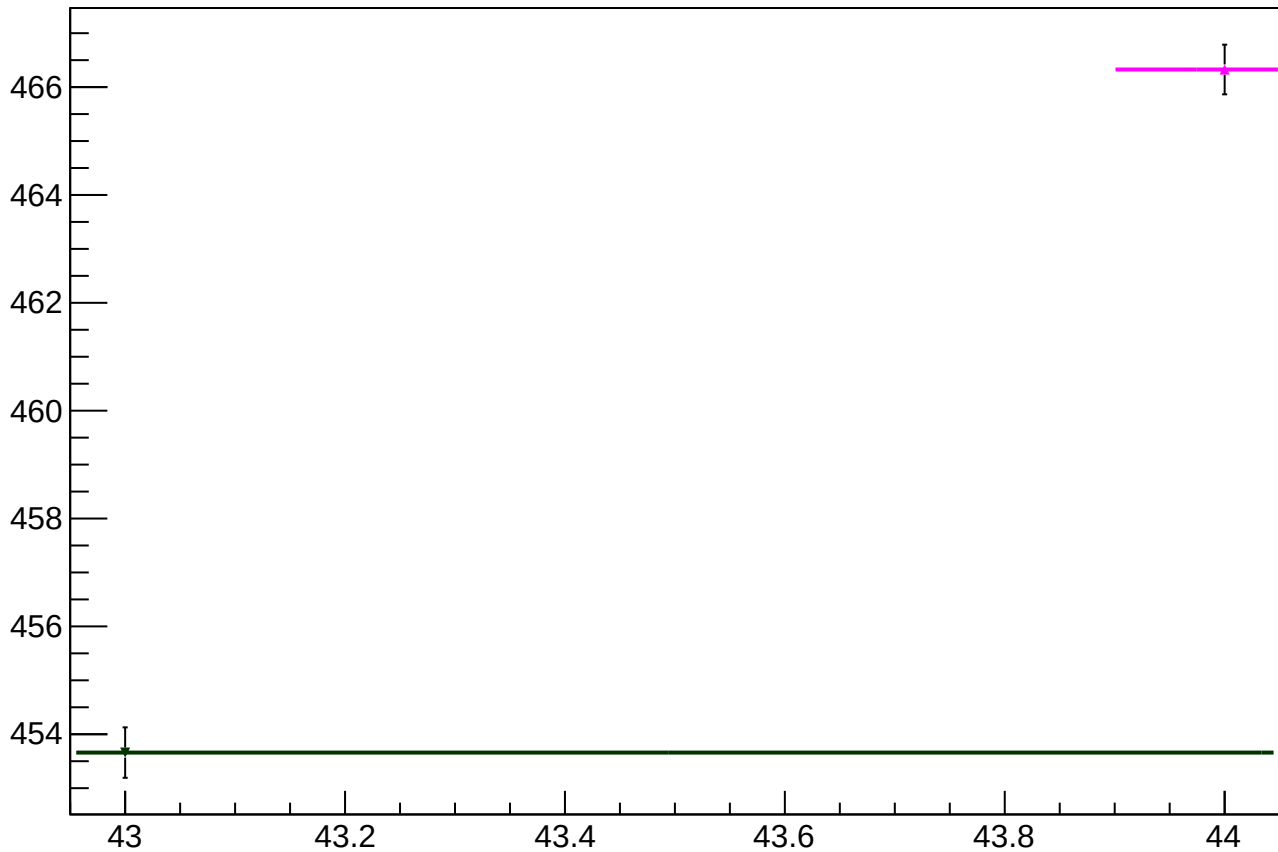
215.223+/-661.440 χ^2/NDF : 0.0/0

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

320.160+/-651.039 χ^2/NDF : 0.0/0

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

asym_ds_agg_dd_rms vs slug



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

Left Out: 453.660+/-0.468 χ^2/NDF : 0.0/0

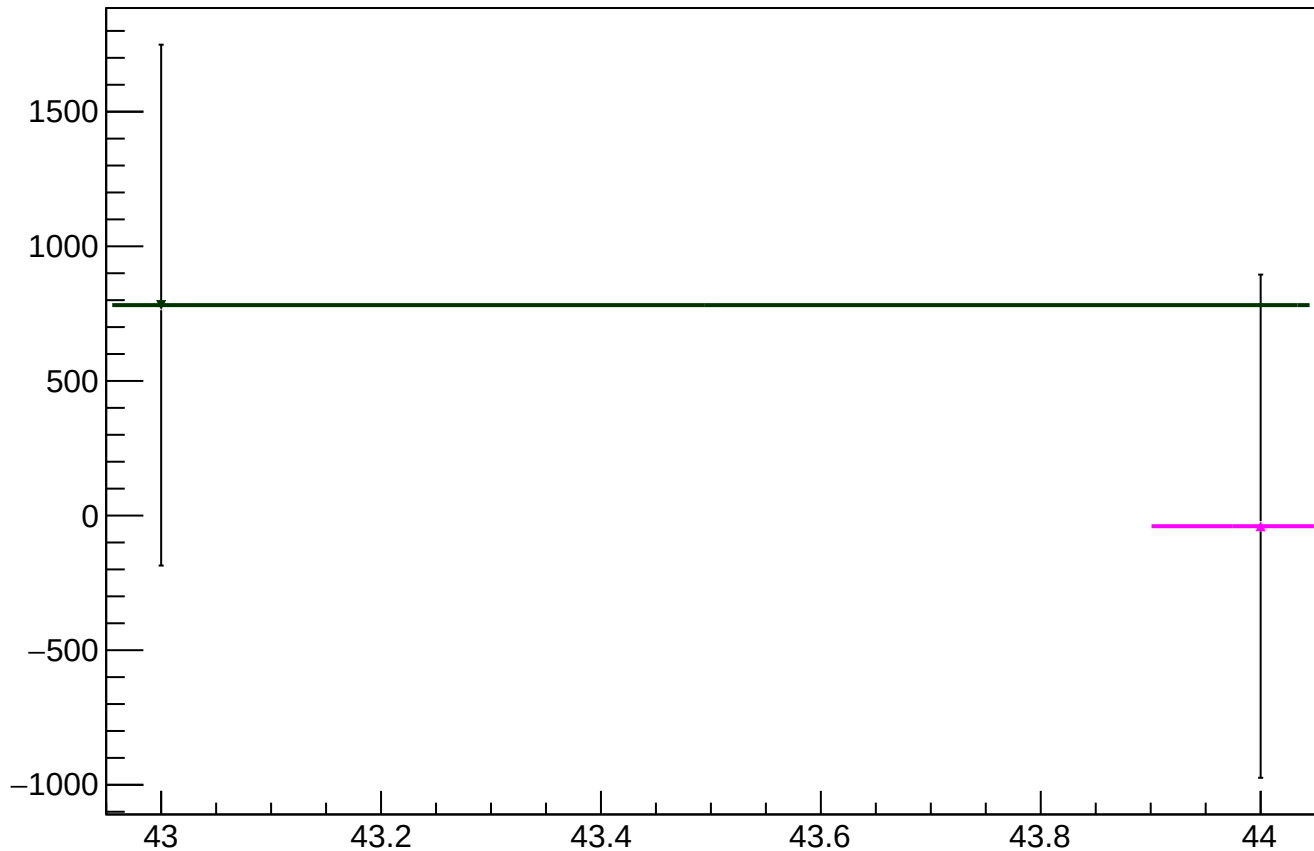
453.660+/-0.468 χ^2/NDF : 0.0/0

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

466.327+/-0.460 χ^2/NDF : 0.0/0

Left In: 466.327+/-0.460 χ^2/NDF : 0.0/0

asym_left_agg_avg_mean vs slug



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

Left Out: 781.614+/-967.286 χ^2/NDF : 0.0/0

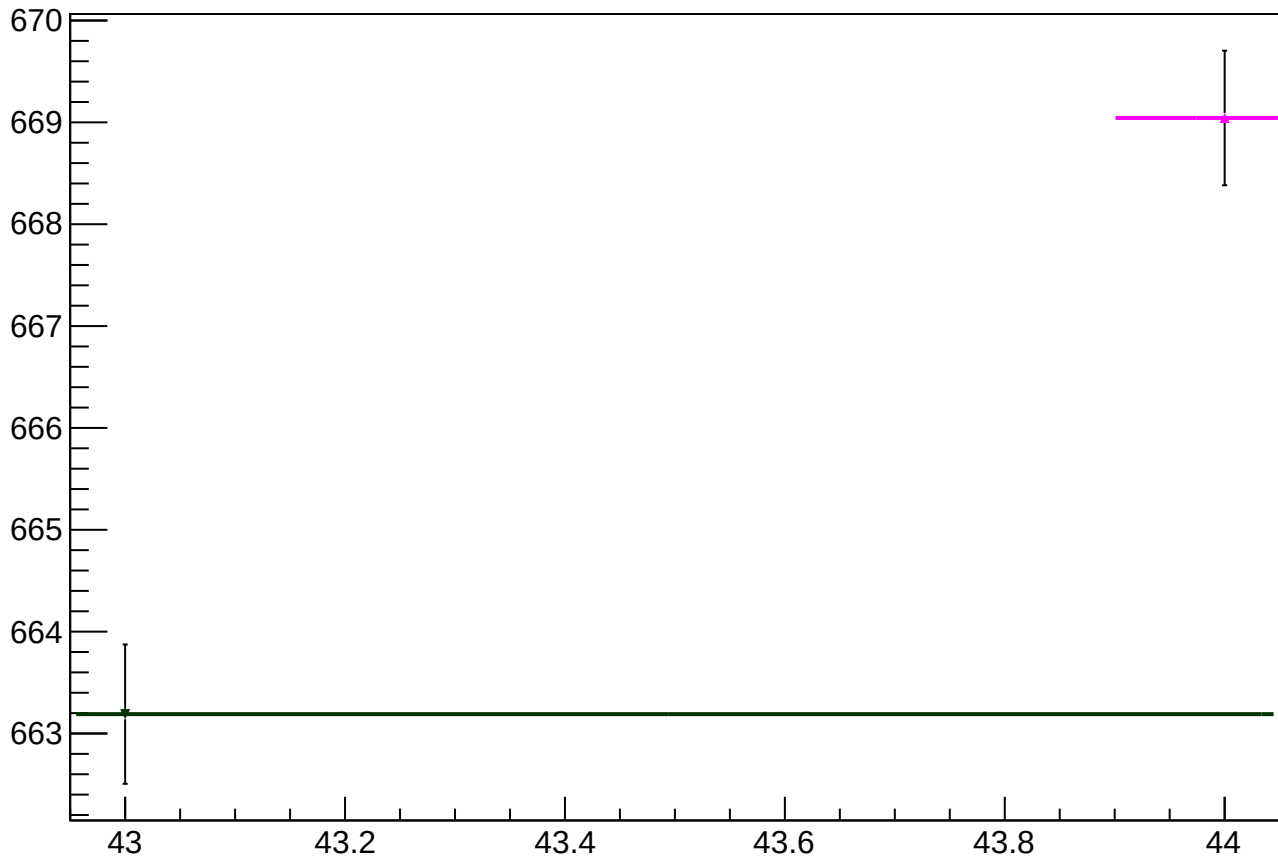
781.614+/-967.286 χ^2/NDF : 0.0/0

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

-39.508+/-934.410 χ^2/NDF : 0.0/0

Left In: -39.508+/-934.410 χ^2/NDF : 0.0/0

asym_left_agg_avg_rms vs slug



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

Left Out: 663.190 $\pm$ 0.684 χ^2 /NDF: 0.0/0

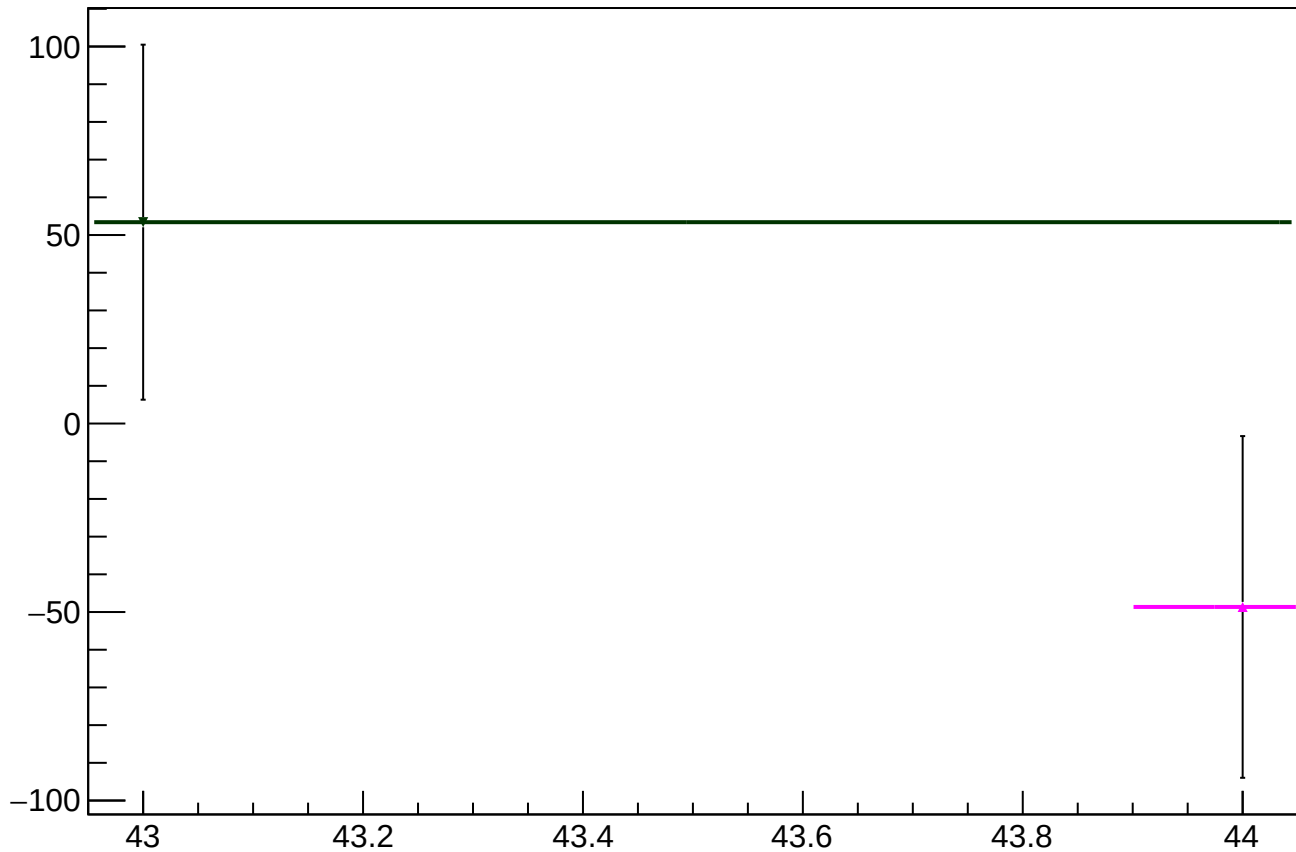
663.190 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

669.043 $\pm$ 0.661 χ^2 /NDF: 0.0/0

Left In: 669.043 $\pm$ 0.661 χ^2 /NDF: 0.0/0

asym_left_agg_dd_mean vs slug



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

Left Out: 53.407+/-47.084 χ^2/NDF : 0.0/0

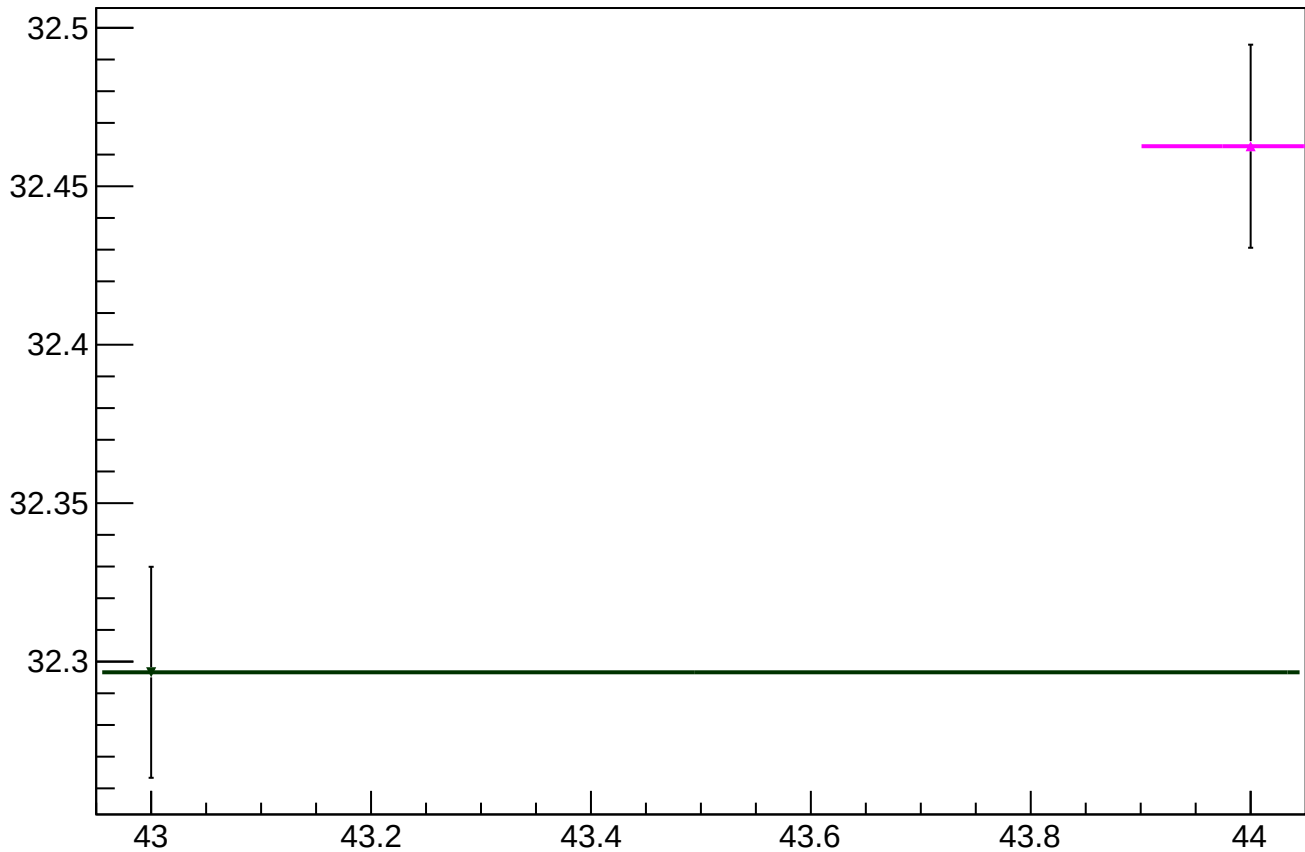
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.651+/-45.318 χ^2/NDF : 0.0/0

53.407+/-47.084 χ^2/NDF : 0.0/0

-48.651+/-45.318 χ^2/NDF : 0.0/0

asym_left_agg_dd_rms vs slug



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

Left Out: 32.297+/-0.033 χ^2/NDF : 0.0/0

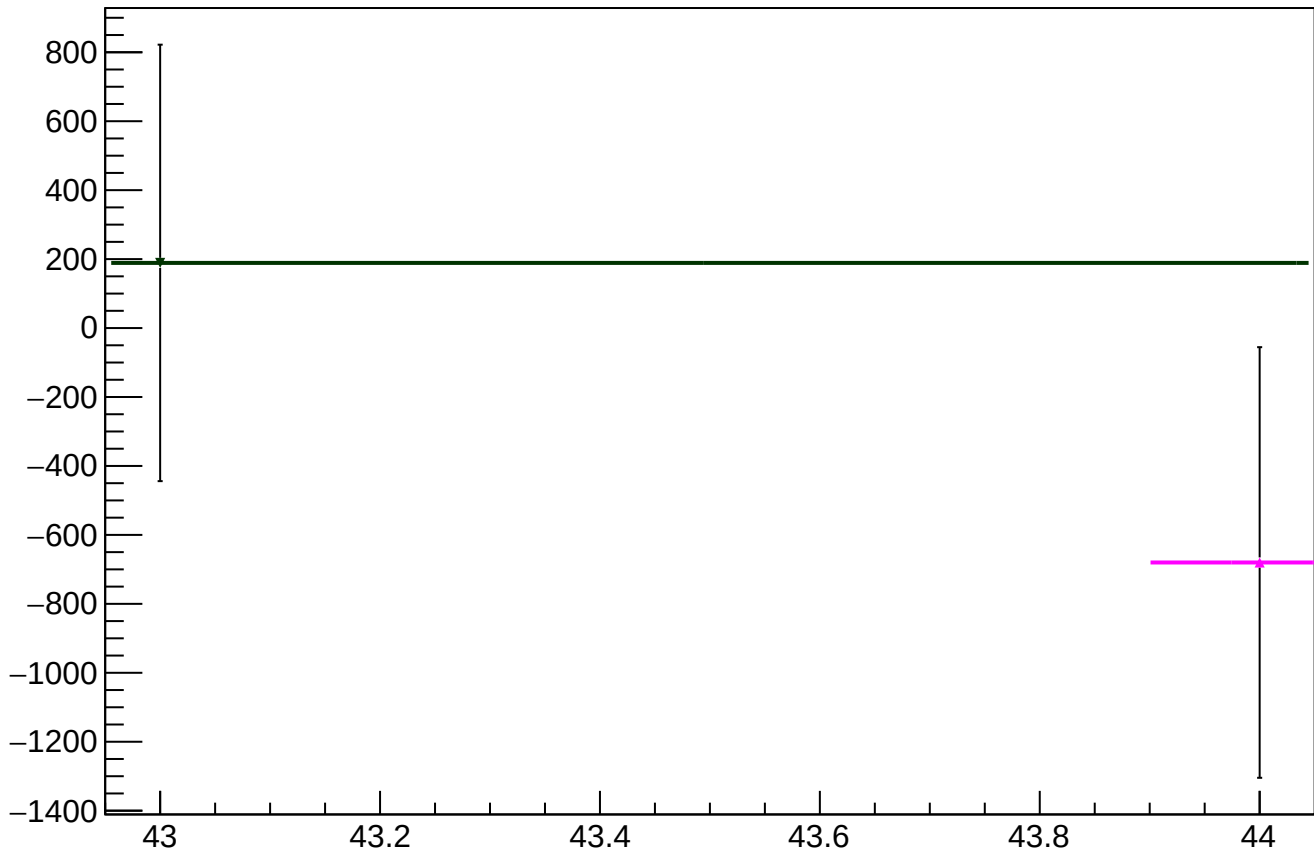
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.463+/-0.032 χ^2/NDF : 0.0/0

32.297+/-0.033 χ^2/NDF : 0.0/0

32.463+/-0.032 χ^2/NDF : 0.0/0

asym_right_agg_avg_mean vs slug



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

Left Out: 188.983+/-633.036 χ^2/NDF : 0.0/0

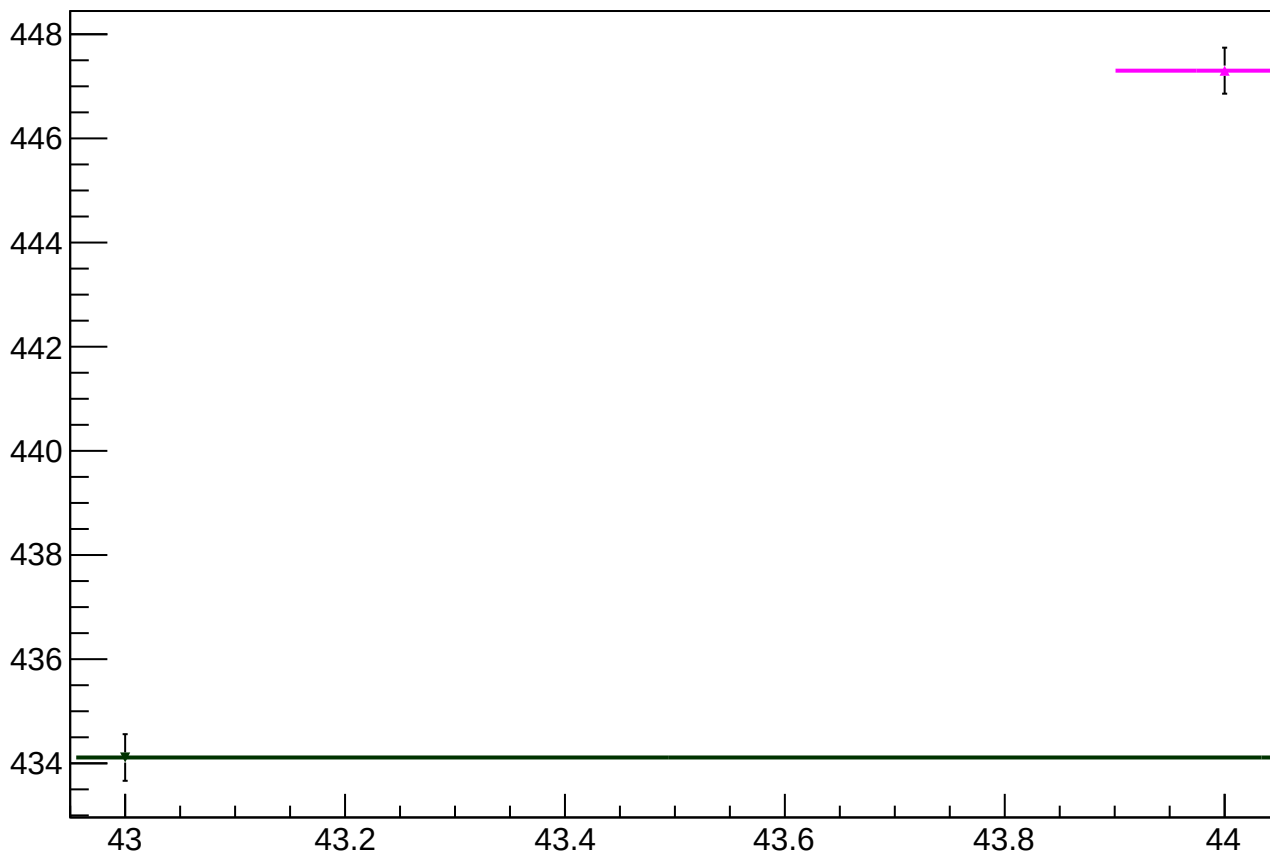
188.983+/-633.036 χ^2/NDF : 0.0/0

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

-680.012+/-624.573 χ^2/NDF : 0.0/0

Left In: -680.012+/-624.573 χ^2/NDF : 0.0/0

asym_right_agg_avg_rms vs slug



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

Left Out: 434.112 $\pm$ 0.448 χ^2/NDF : 0.0/0

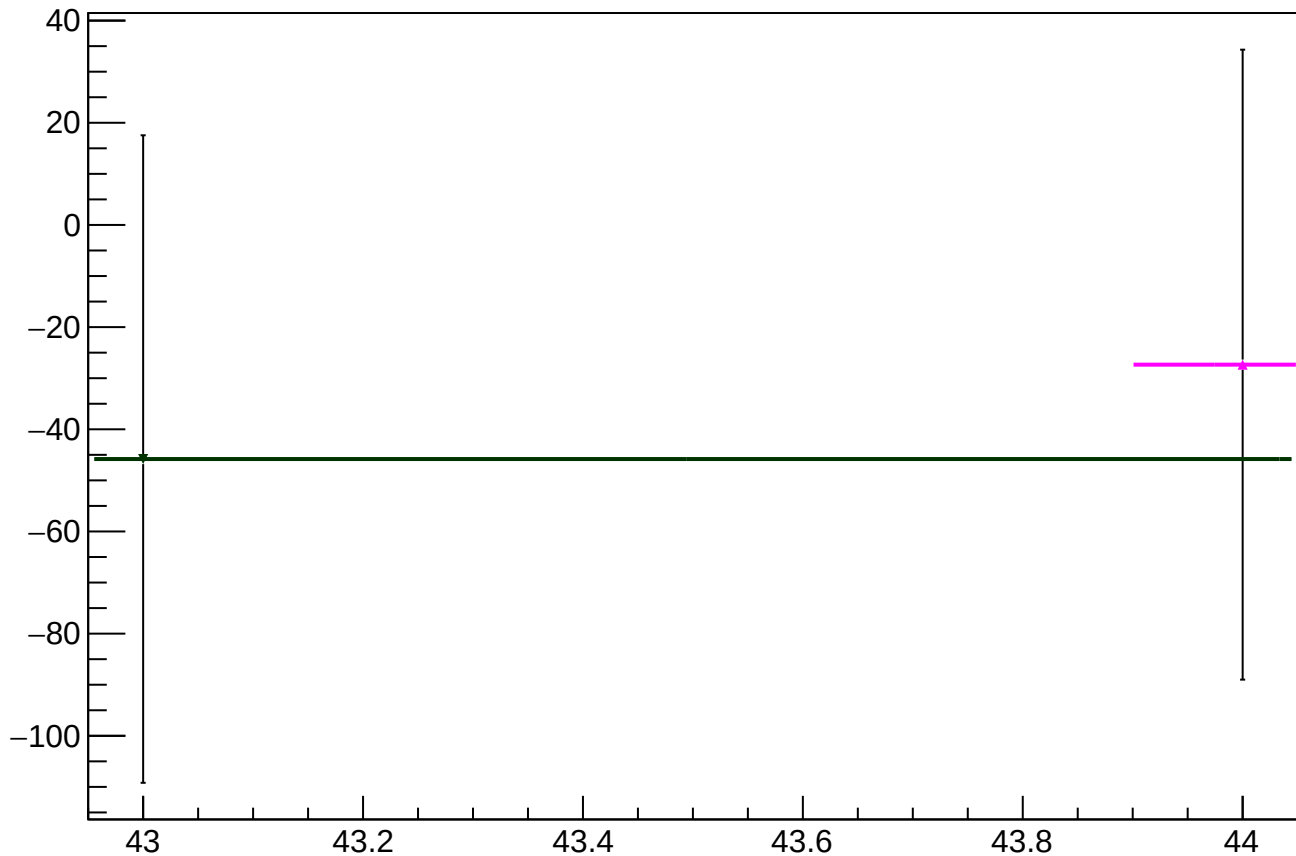
434.112 $\pm$ 0.448 χ^2/NDF : 0.0/0

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

447.301 $\pm$ 0.442 χ^2/NDF : 0.0/0

Left In: 447.301 $\pm$ 0.442 χ^2/NDF : 0.0/0

asym_right_agg_dd_mean vs slug



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

Left Out: -45.823+/-63.374 χ^2/NDF : 0.0/0

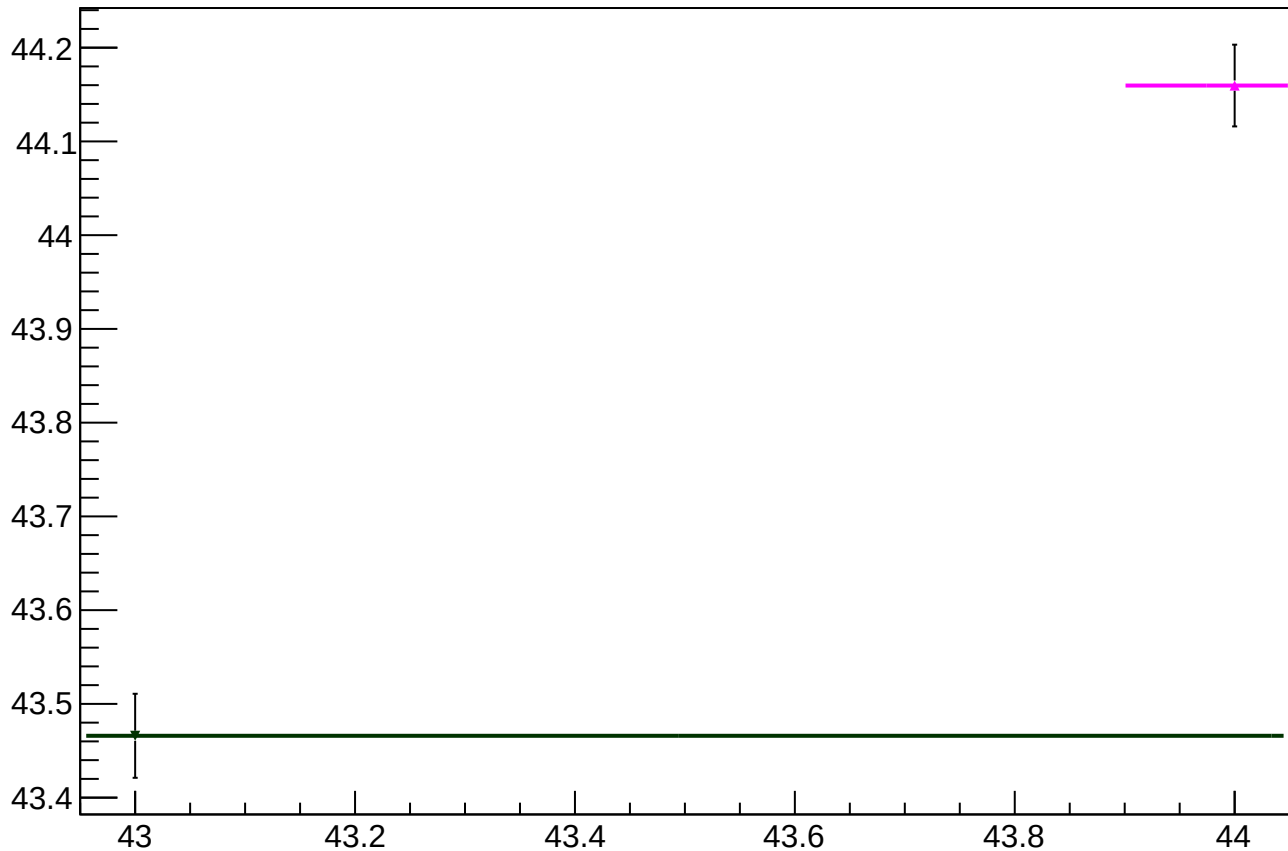
-45.823+/-63.374 χ^2/NDF : 0.0/0

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

-27.346+/-61.656 χ^2/NDF : 0.0/0

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

asym_right_agg_dd_rms vs slug



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

Left Out: 43.466 $\pm$ 0.045 χ^2/NDF : 0.0/0

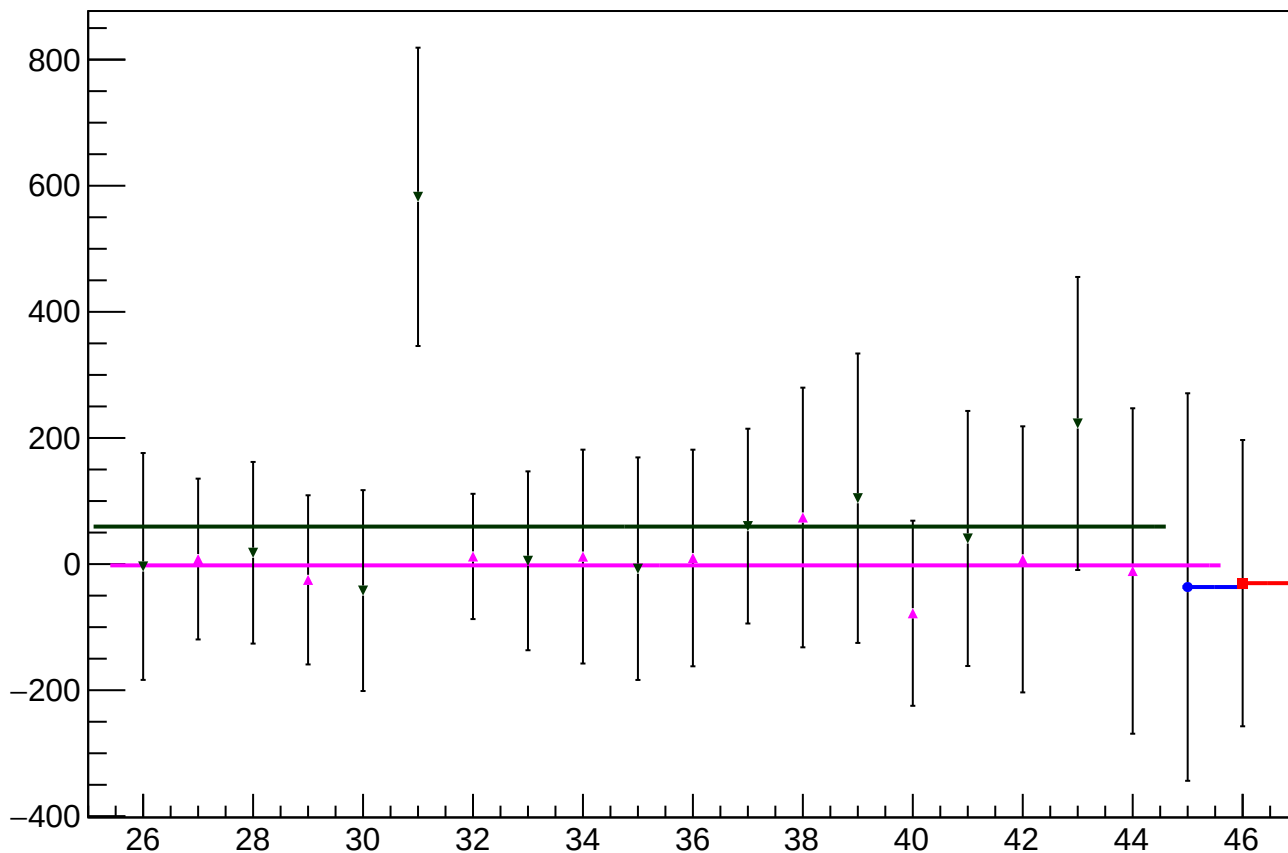
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 44.160 $\pm$ 0.044 χ^2/NDF : 0.0/0

43.466 $\pm$ 0.045 χ^2/NDF : 0.0/0

44.160 $\pm$ 0.044 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -36.376+/-307.266 χ^2/NDF : 0.0/0

Left Out: 59.489+/-55.719 χ^2/NDF : 6.3/9

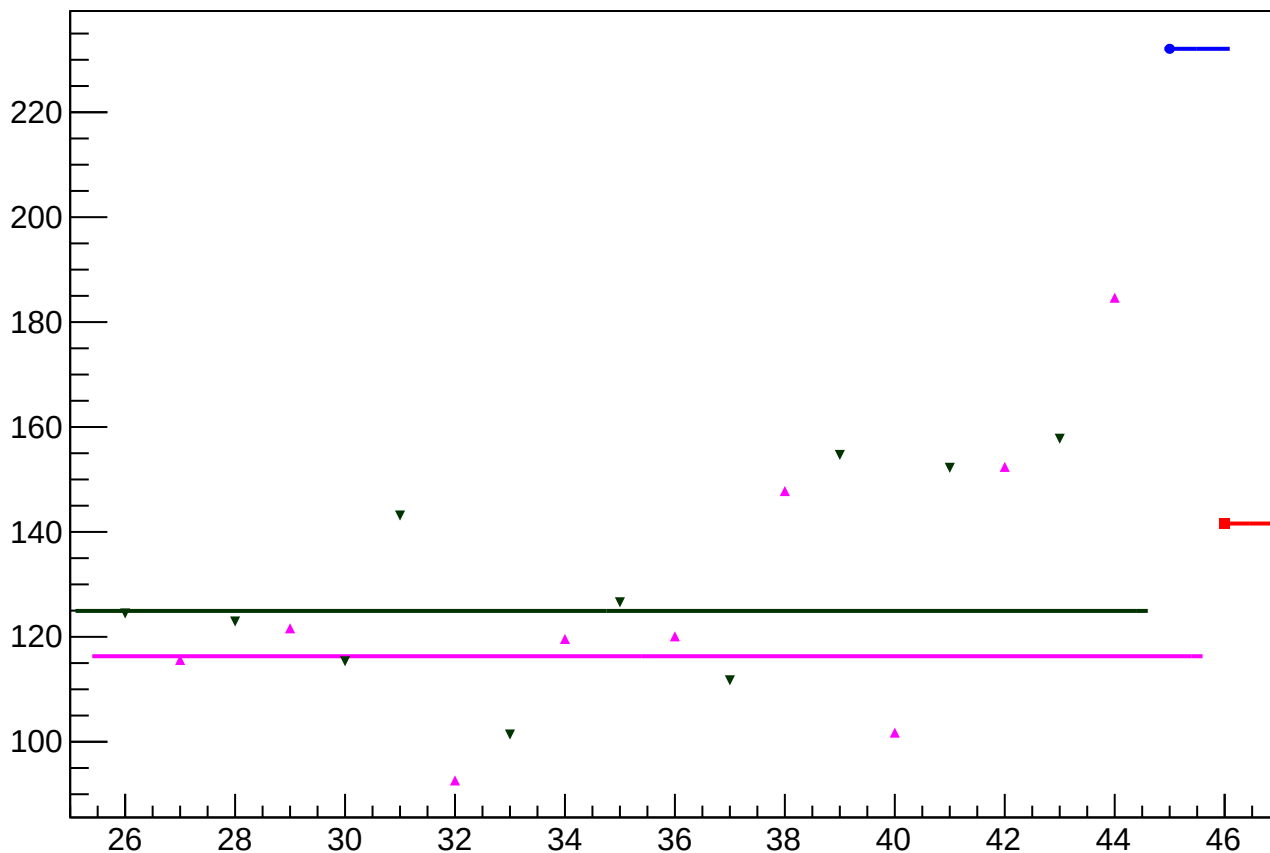
Right Out: -30.224+/-226.990 χ^2/NDF : 0.0/0

Left In: -2.017+/-50.338 χ^2/NDF : 0.5/8

56.437+/-54.825 χ^2/NDF : 6.4/10

-3.339+/-49.144 χ^2/NDF : 0.5/9

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 232.093 $\pm$ 0.217 χ^2/NDF : 0.0/0

Left Out: 124.943 $\pm$ 0.039 χ^2/NDF :199383.4/9

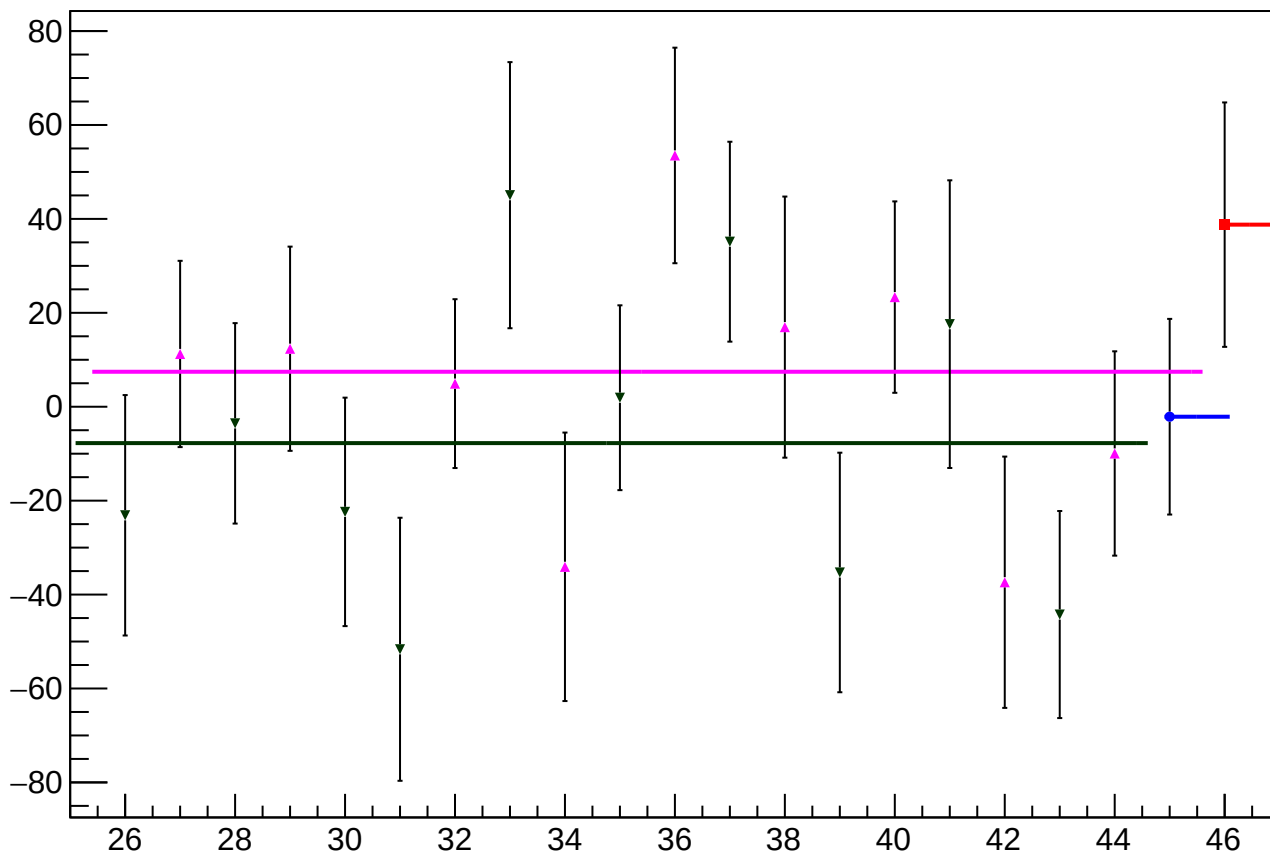
Right Out: 141.602 $\pm$ 0.161 χ^2/NDF : 0.0/0

Left In: 116.307 $\pm$ 0.036 χ^2/NDF :383885.3/8

128.355 $\pm$ 0.039 χ^2/NDF : 434849.6/10

117.493 $\pm$ 0.035 χ^2/NDF : 407556.1/9

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -2.125+/-20.833 χ^2/NDF : 0.0/0

Left Out: -7.744+/-7.585 χ^2/NDF : 15.6/9

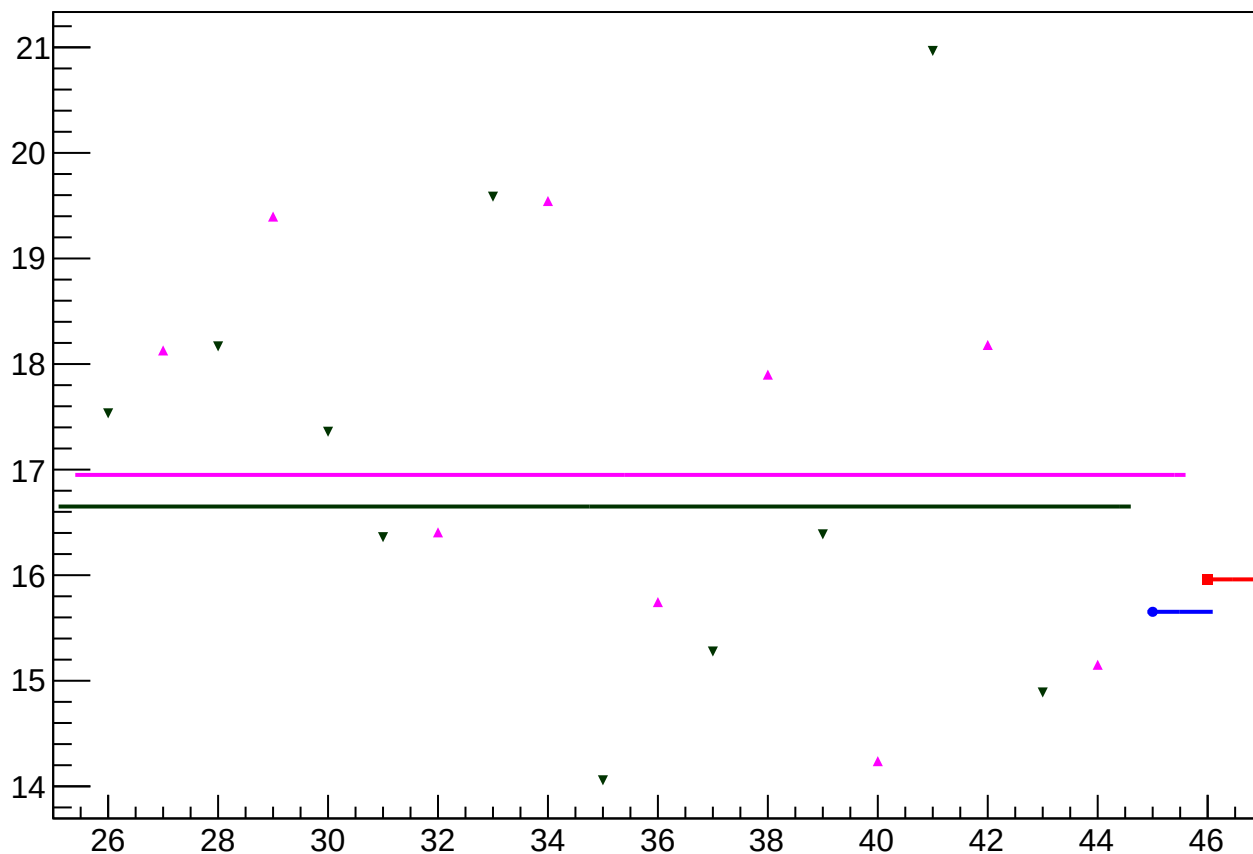
Right Out: 38.777+/-26.025 χ^2/NDF : 0.0/0

Left In: 7.449+/-7.436 χ^2/NDF : 10.4/8

-7.087+/-7.127 χ^2/NDF : 15.6/10

9.814+/-7.150 χ^2/NDF : 11.8/9

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.653 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 16.650 $\pm$ 0.005 χ^2 /NDF:131585.8/9

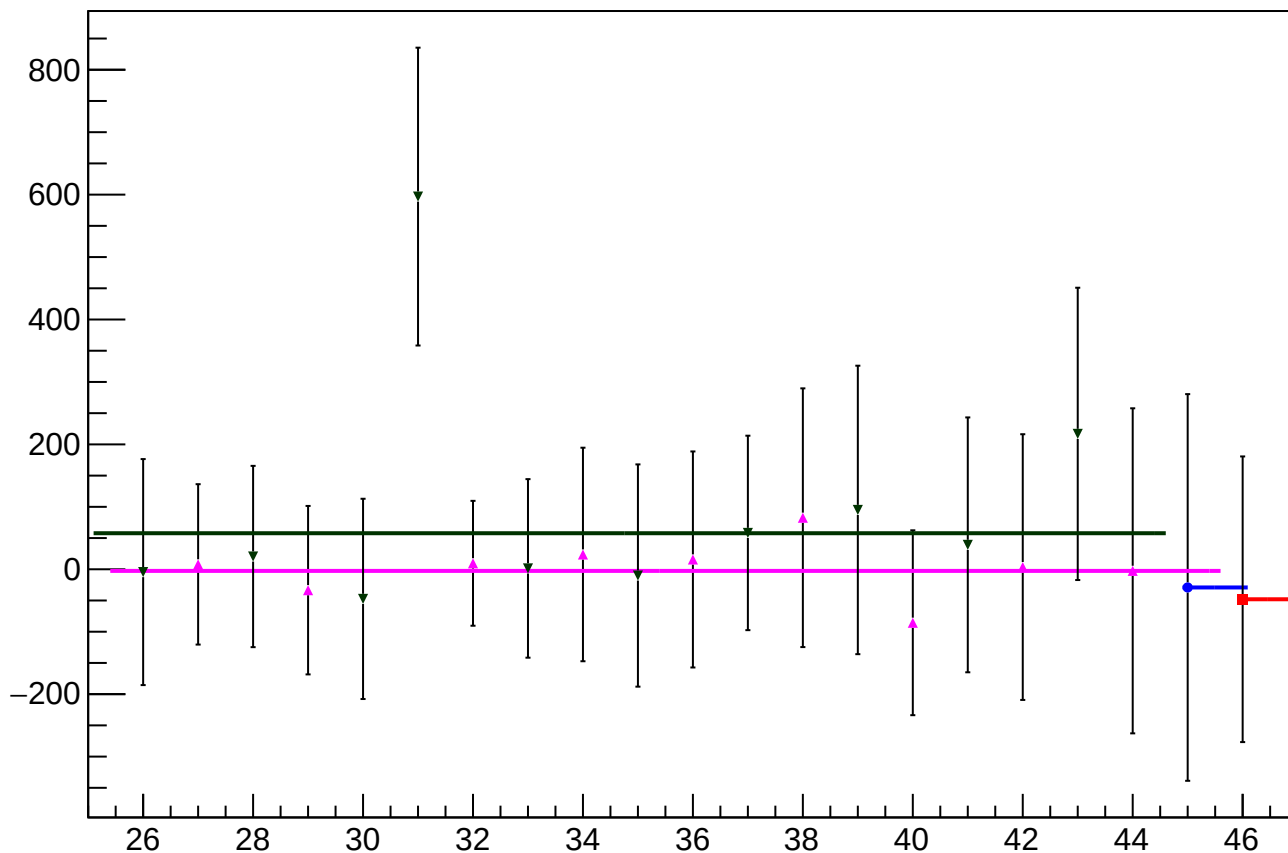
Right Out: 15.960 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left In: 16.950 $\pm$ 0.005 χ^2 /NDF:111842.2/8

16.534 $\pm$ 0.005 χ^2 /NDF: 135632.9/10

16.875 $\pm$ 0.005 χ^2 /NDF: 114516.3/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: -29.125+/-309.634 χ^2/NDF : 0.0/0

Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

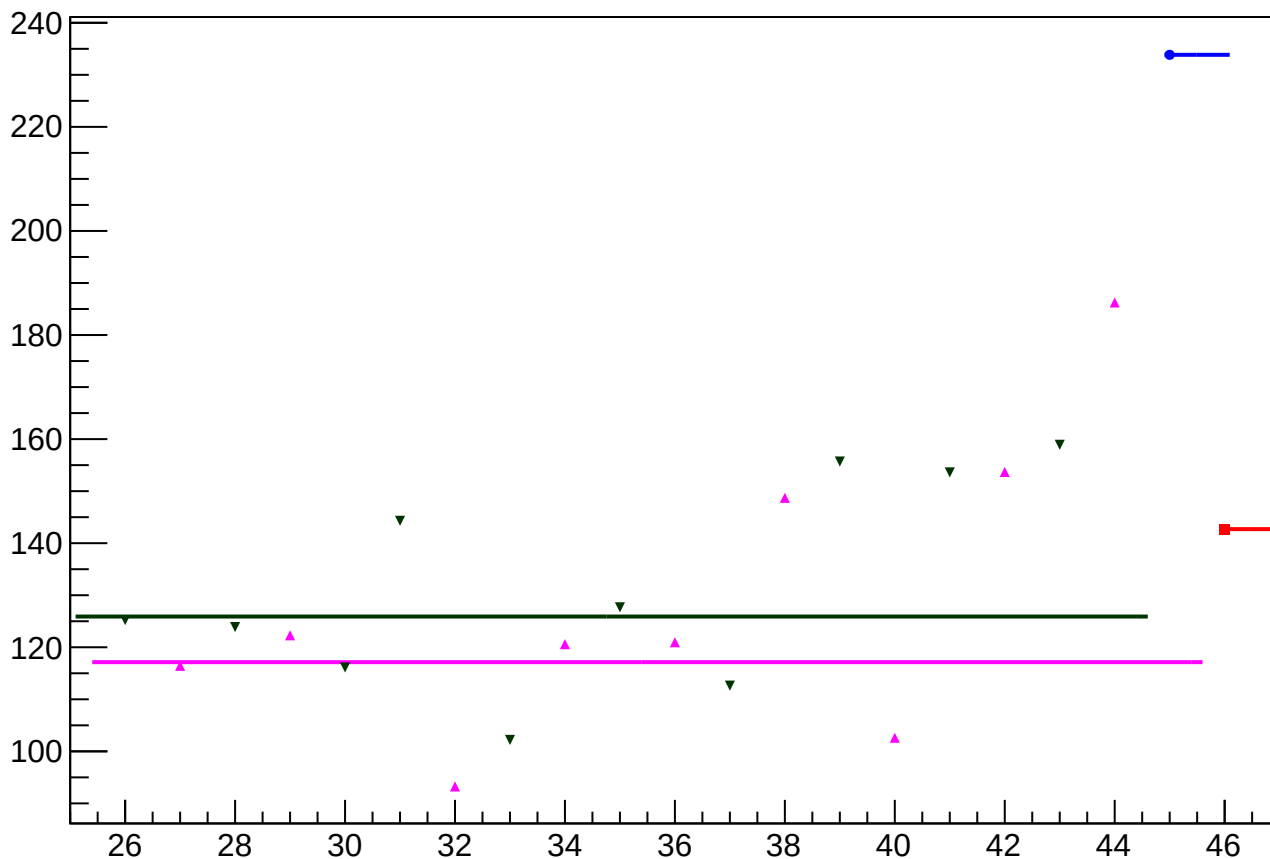
Right Out: -48.033+/-228.738 χ^2/NDF : 0.0/0

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

54.970+/-55.248 χ^2/NDF : 6.6/10

-4.732+/-49.501 χ^2/NDF : 0.6/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 233.848 $\pm$ 0.219 χ^2/NDF : 0.0/0

Left Out: 125.907 $\pm$ 0.040 χ^2/NDF : 199353.5/9

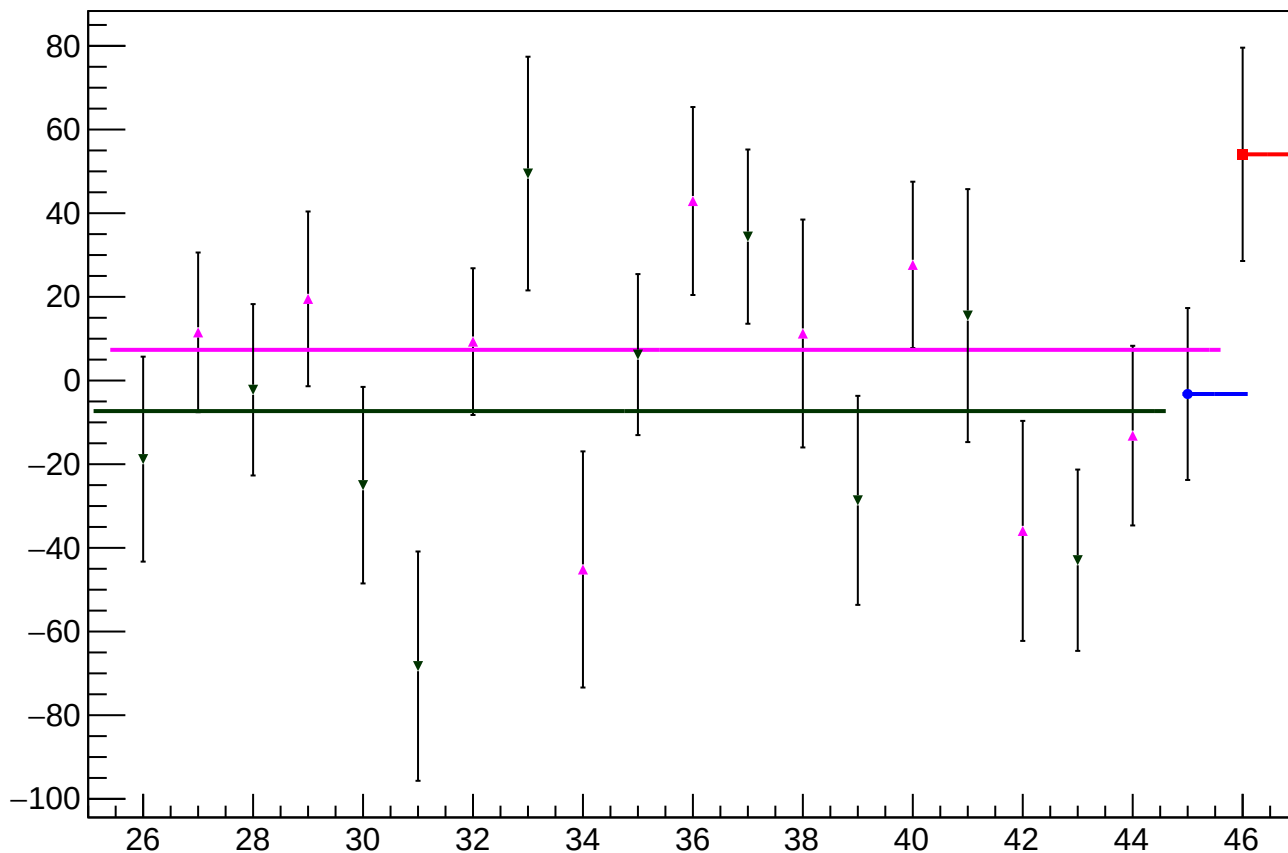
129.343 $\pm$ 0.039 χ^2/NDF : 434671.1/10

Right Out: 142.703 $\pm$ 0.162 χ^2/NDF : 0.0/0

118.335 $\pm$ 0.035 χ^2/NDF : 408449.9/9

Left In: 117.138 $\pm$ 0.036 χ^2/NDF : 384637.6/8

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.219+/-20.549 χ^2/NDF : 0.0/0

Left Out: -7.303+/-7.391 χ^2/NDF : 18.4/9

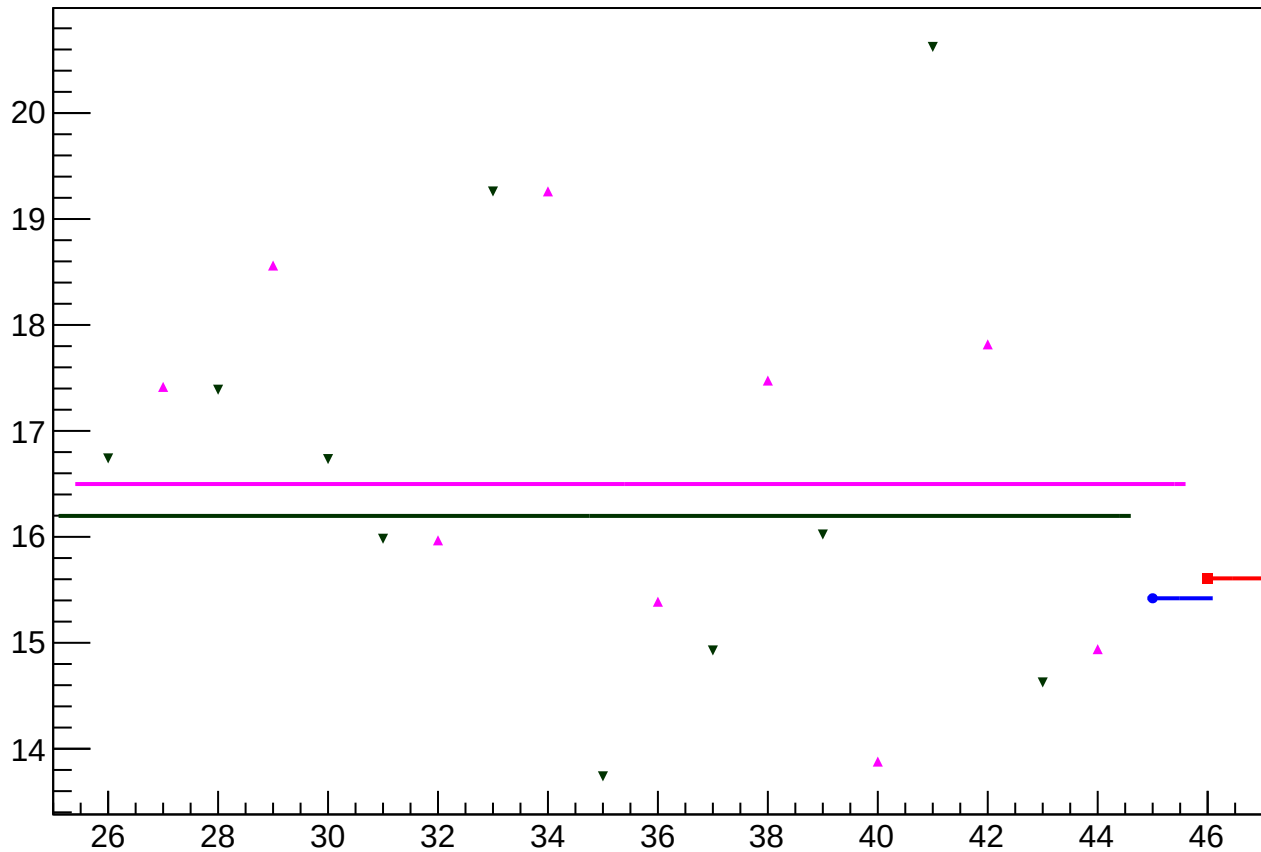
Right Out: 54.072+/-25.498 χ^2/NDF : 0.0/0

Left In: 7.338+/-7.251 χ^2/NDF : 11.1/8

-6.835+/-6.955 χ^2/NDF : 18.5/10

10.835+/-6.975 χ^2/NDF : 14.2/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.420 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 16.198 $\pm$ 0.005 χ^2 /NDF:126492.9/9

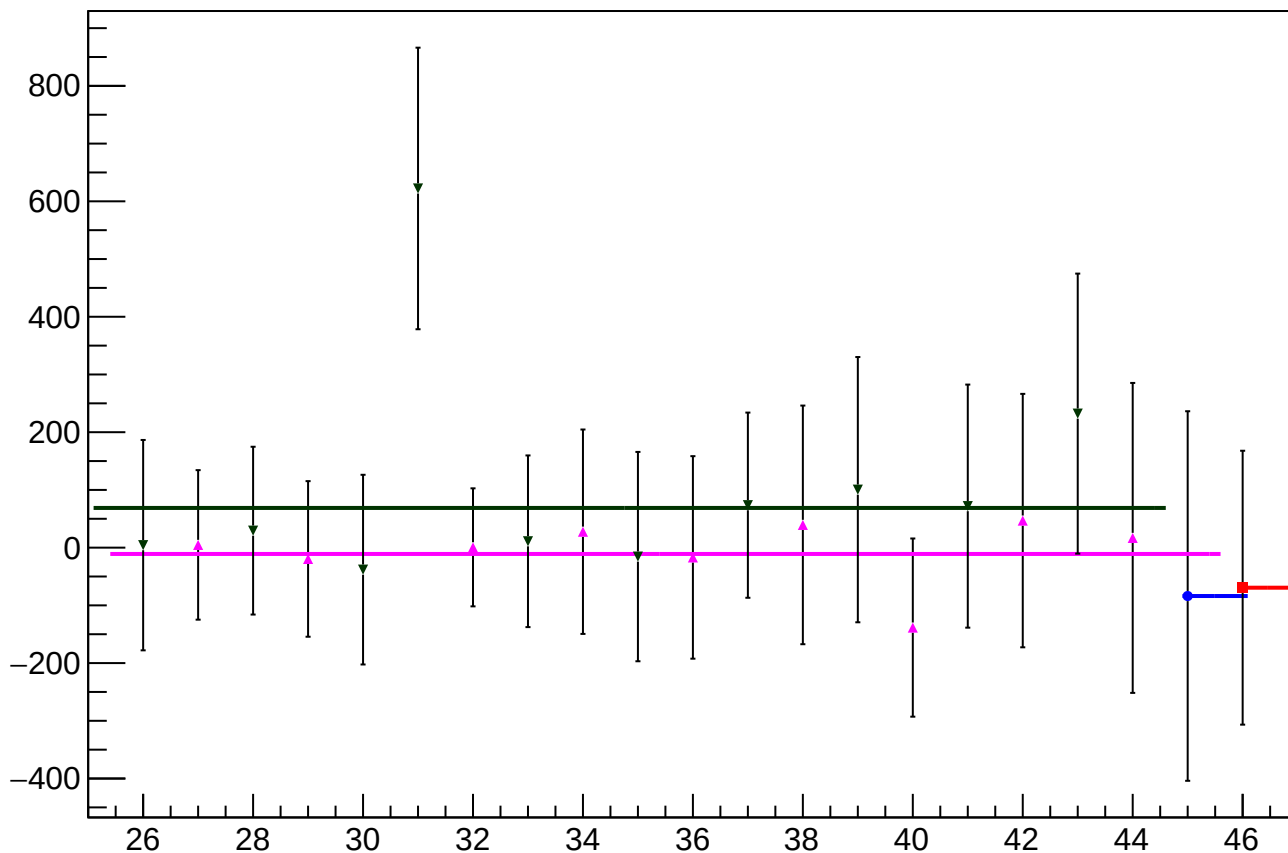
16.109 $\pm$ 0.005 χ^2 /NDF: 129027.9/10

Right Out: 15.608 $\pm$ 0.018 χ^2 /NDF: 0.0/0

16.432 $\pm$ 0.005 χ^2 /NDF: 105114.6/9

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF:102858.3/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -83.808 $\pm$ 320.126 χ^2 /NDF: 0.0/0

Left Out: 68.786 $\pm$ 57.328 χ^2 /NDF:6.6/9

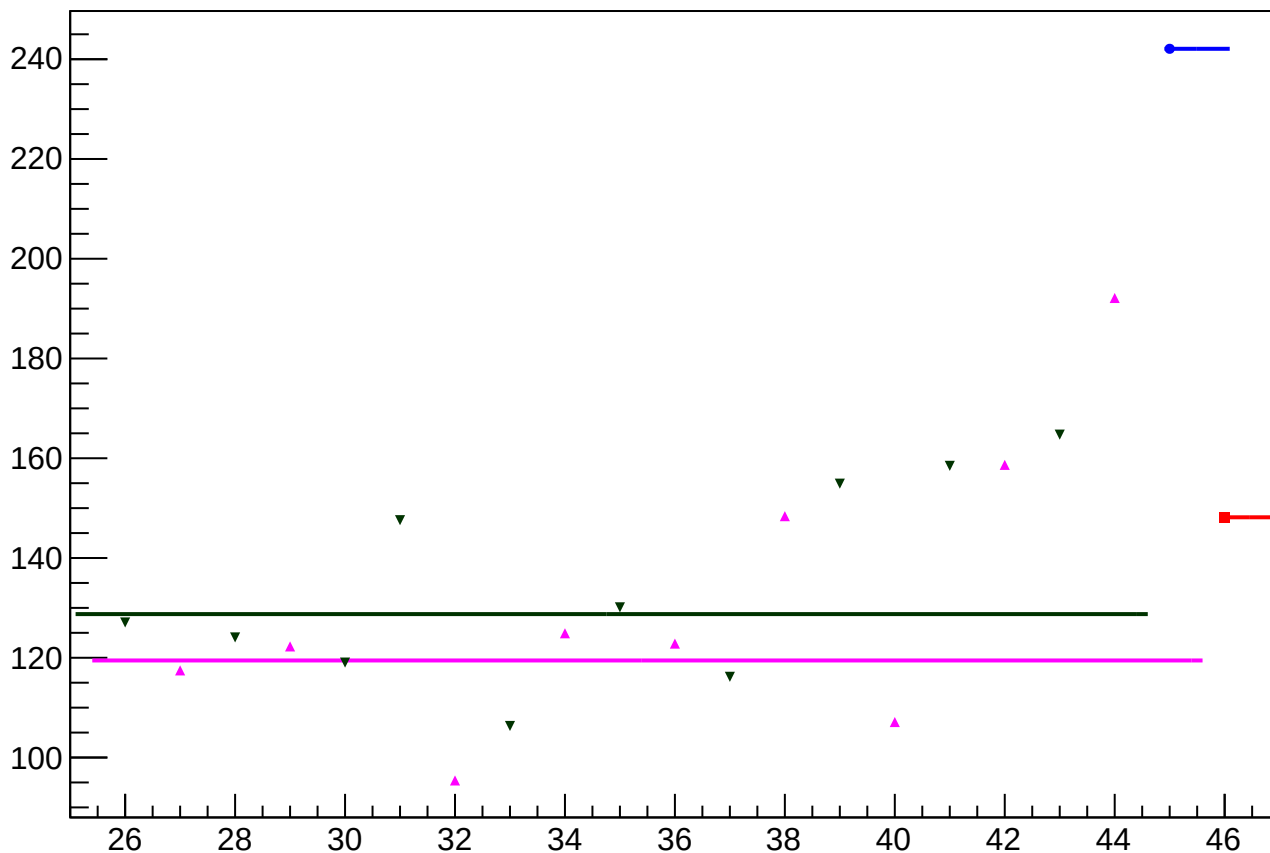
Right Out: -69.396 $\pm$ 237.261 χ^2 /NDF: 0.0/0

Left In: -10.941 $\pm$ 51.660 χ^2 /NDF:0.9/8

64.044 $\pm$ 56.430 χ^2 /NDF: 6.8/10

-13.587 $\pm$ 50.478 χ^2 /NDF: 1.0/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 242.090 +/- 0.226 χ^2/NDF : 0.0/0

Left Out: 128.755 +/- 0.041 χ^2/NDF : 188808.0/9

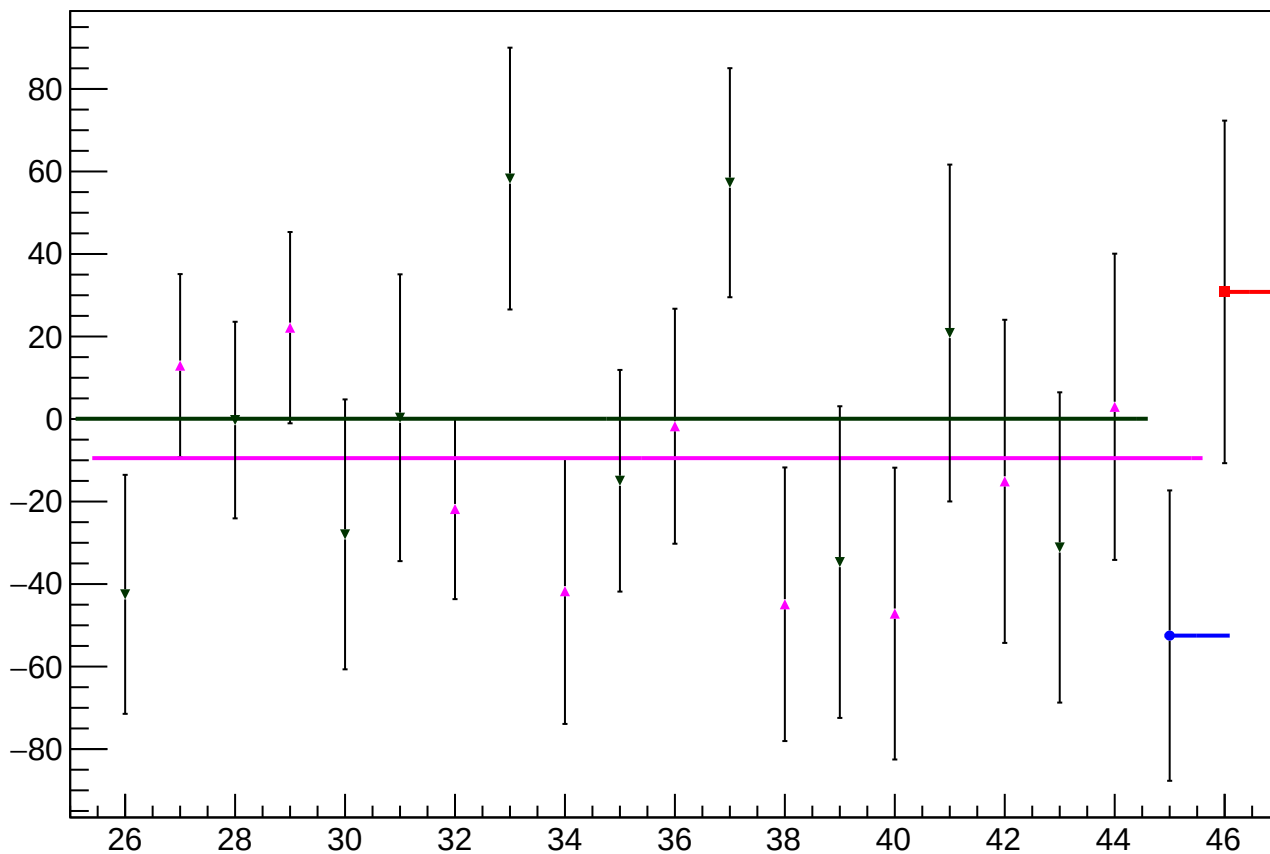
Right Out: 148.163 +/- 0.168 χ^2/NDF : 0.0/0

Left In: 119.459 +/- 0.037 χ^2/NDF : 377012.5/8

132.277 +/- 0.040 χ^2/NDF : 431695.2/10

120.758 +/- 0.036 χ^2/NDF : 404959.0/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -52.495+/-35.191 χ^2/NDF : 0.0/0

Left Out: 0.067+/-9.805 χ^2/NDF :12.6/9

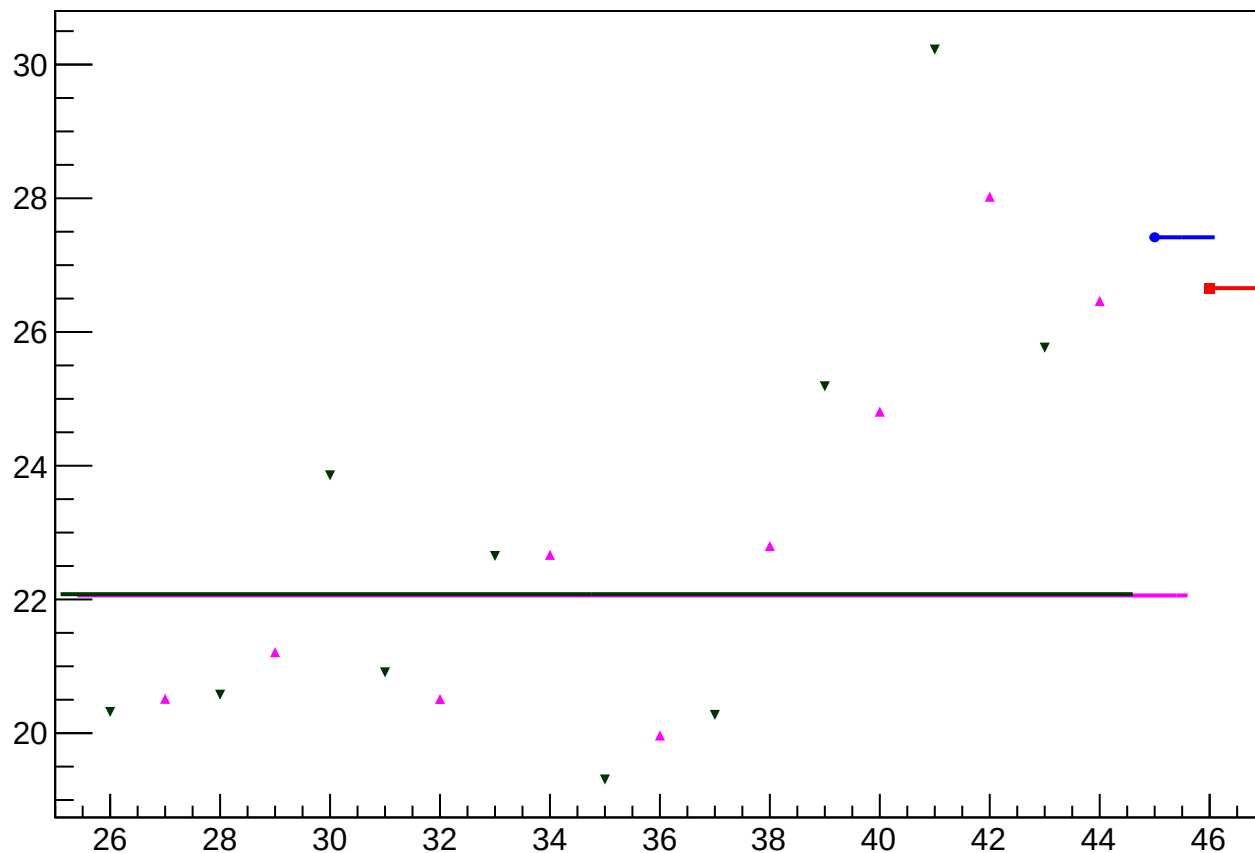
Right Out: 30.812+/-41.513 χ^2/NDF : 0.0/0

Left In: -9.482+/-9.418 χ^2/NDF :6.7/8

-3.720+/-9.445 χ^2/NDF : 14.7/10

-7.509+/-9.185 χ^2/NDF : 7.6/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.417 $\pm$ 0.025 χ^2 /NDF: 0.0/0

Left Out: 22.079 $\pm$ 0.007 χ^2 /NDF:166332.3/9

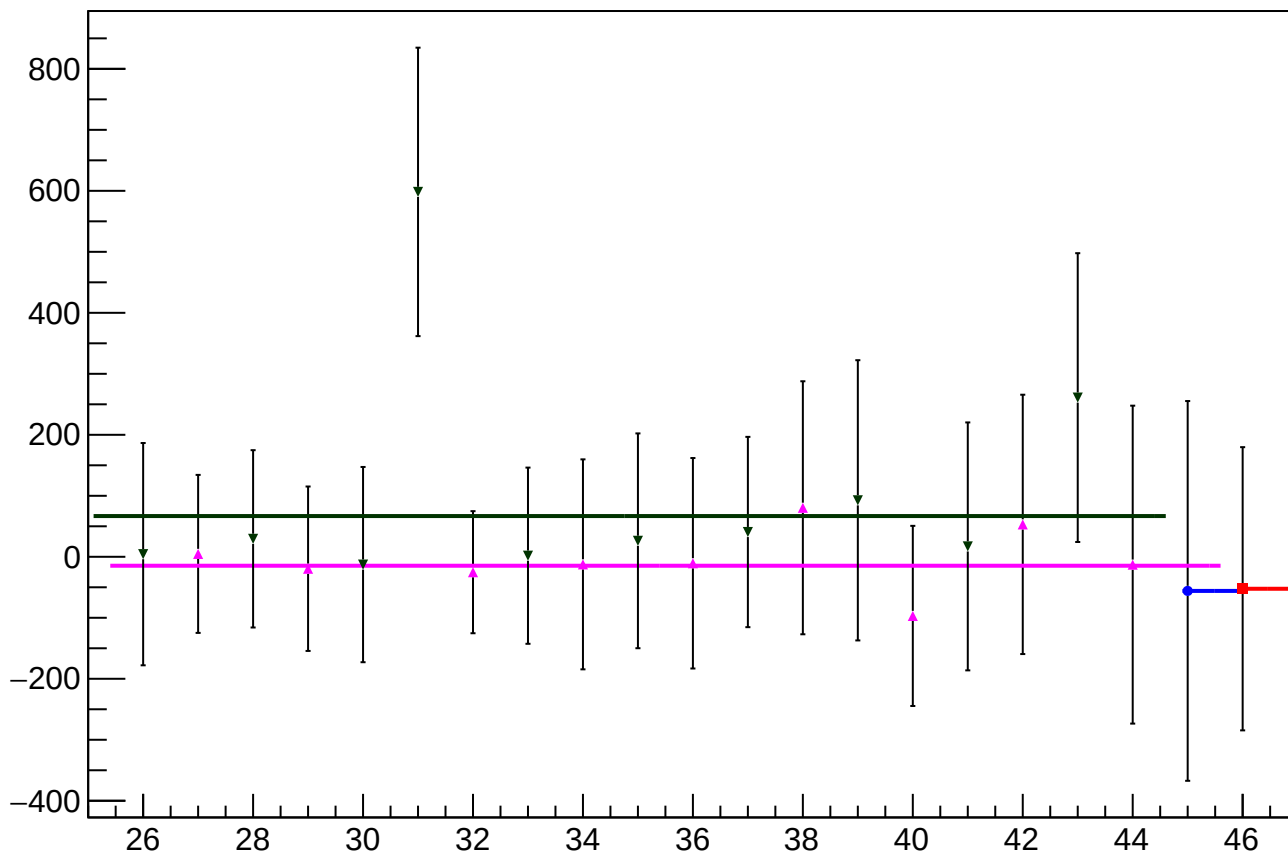
Right Out: 26.656 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left In: 22.060 $\pm$ 0.007 χ^2 /NDF:121609.5/8

22.463 $\pm$ 0.007 χ^2 /NDF: 209033.3/10

22.285 $\pm$ 0.006 χ^2 /NDF: 144927.9/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: -55.956+/-311.314 χ^2/NDF : 0.0/0

Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

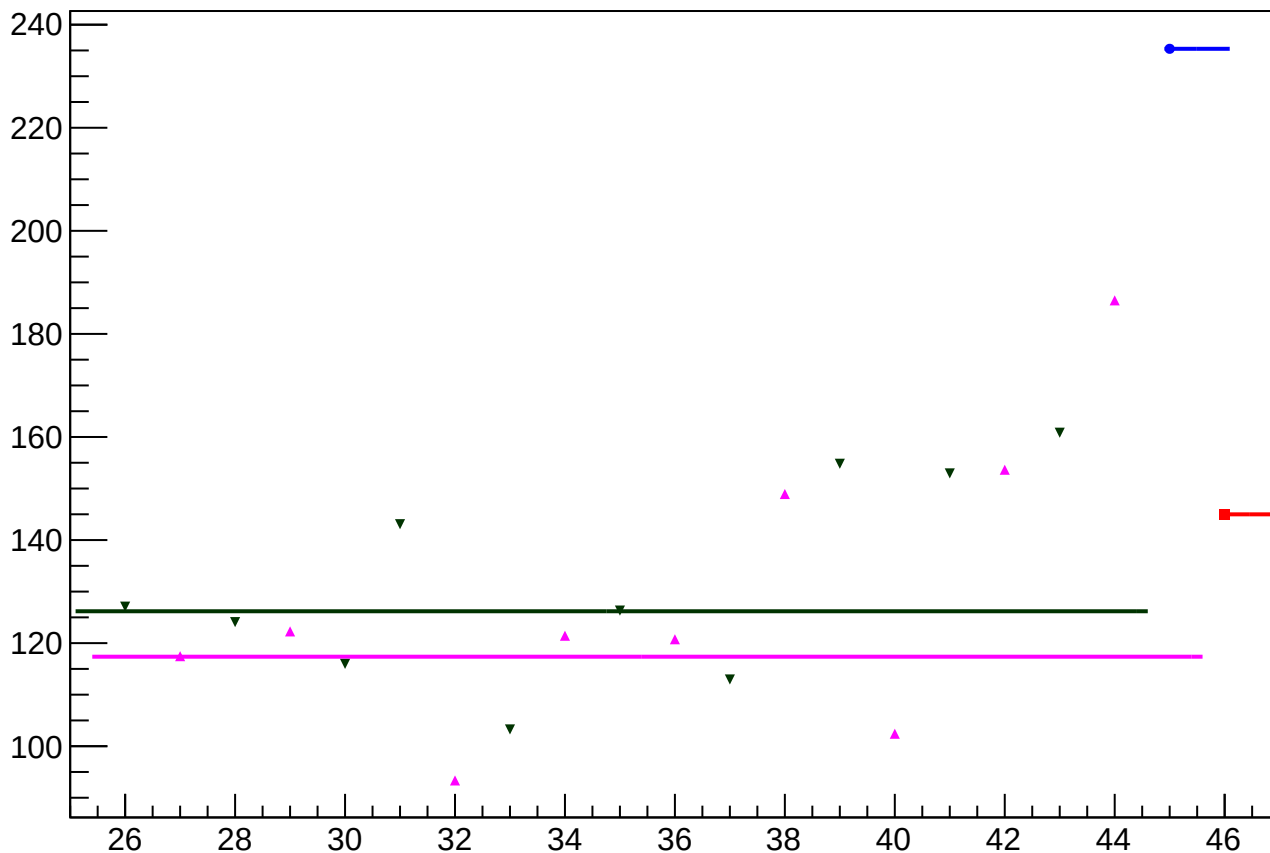
Right Out: -52.428+/-232.171 χ^2/NDF : 0.0/0

Left In: -14.653+/-50.783 χ^2/NDF : 0.7/8

62.913+/-55.305 χ^2/NDF : 6.7/10

-16.378+/-49.610 χ^2/NDF : 0.7/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 235.320 $\pm$ 0.220 χ^2 /NDF: 0.0/0

Left Out: 126.184 $\pm$ 0.040 χ^2 /NDF: 192128.0/9

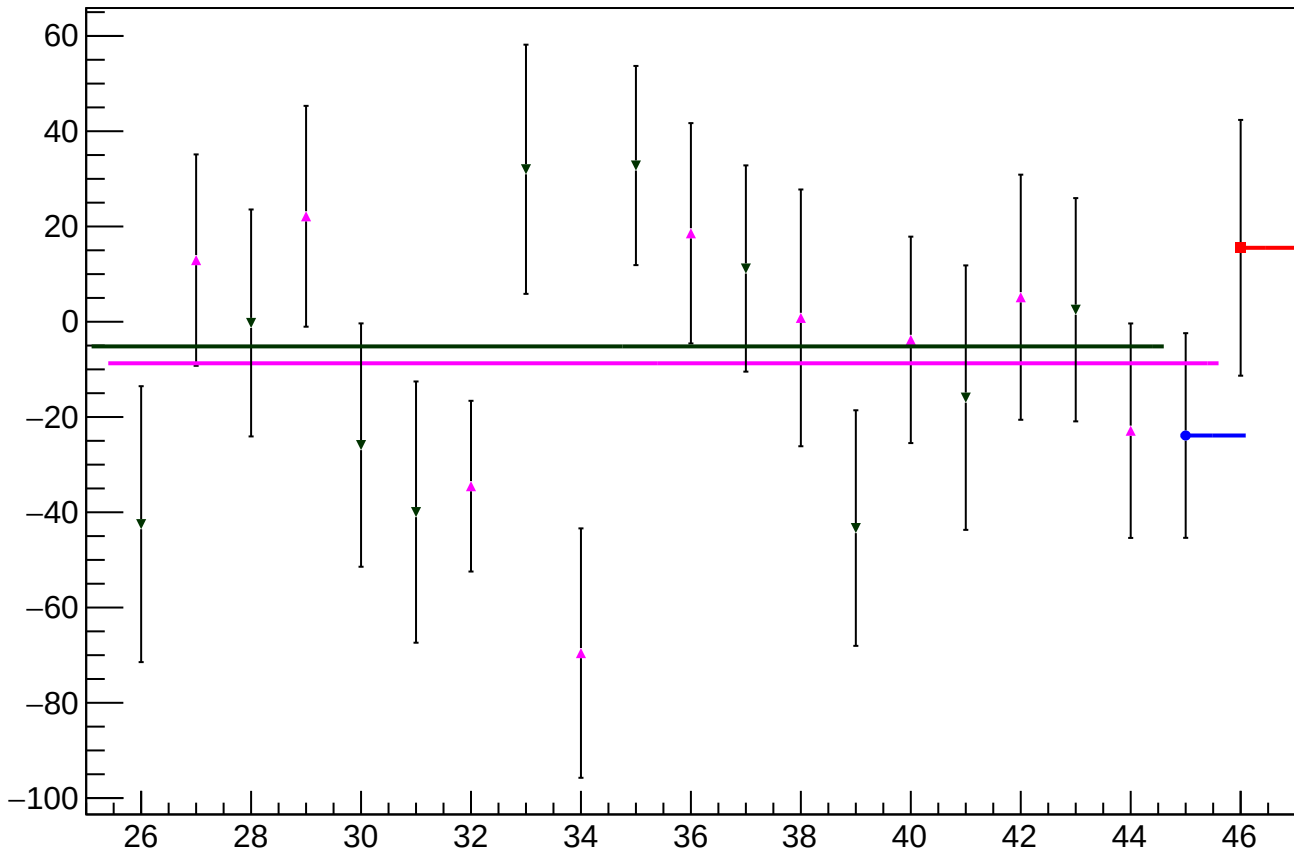
129.628 $\pm$ 0.039 χ^2 /NDF: 430165.2/10

Right Out: 144.990 $\pm$ 0.164 χ^2 /NDF: 0.0/0

118.628 $\pm$ 0.035 χ^2 /NDF: 412480.9/9

Left In: 117.367 $\pm$ 0.036 χ^2 /NDF: 385462.1/8

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -23.882 $\pm$ 21.484 χ^2 /NDF: 0.0/0

Left Out: -5.176 $\pm$ 7.796 χ^2 /NDF:12.5/9

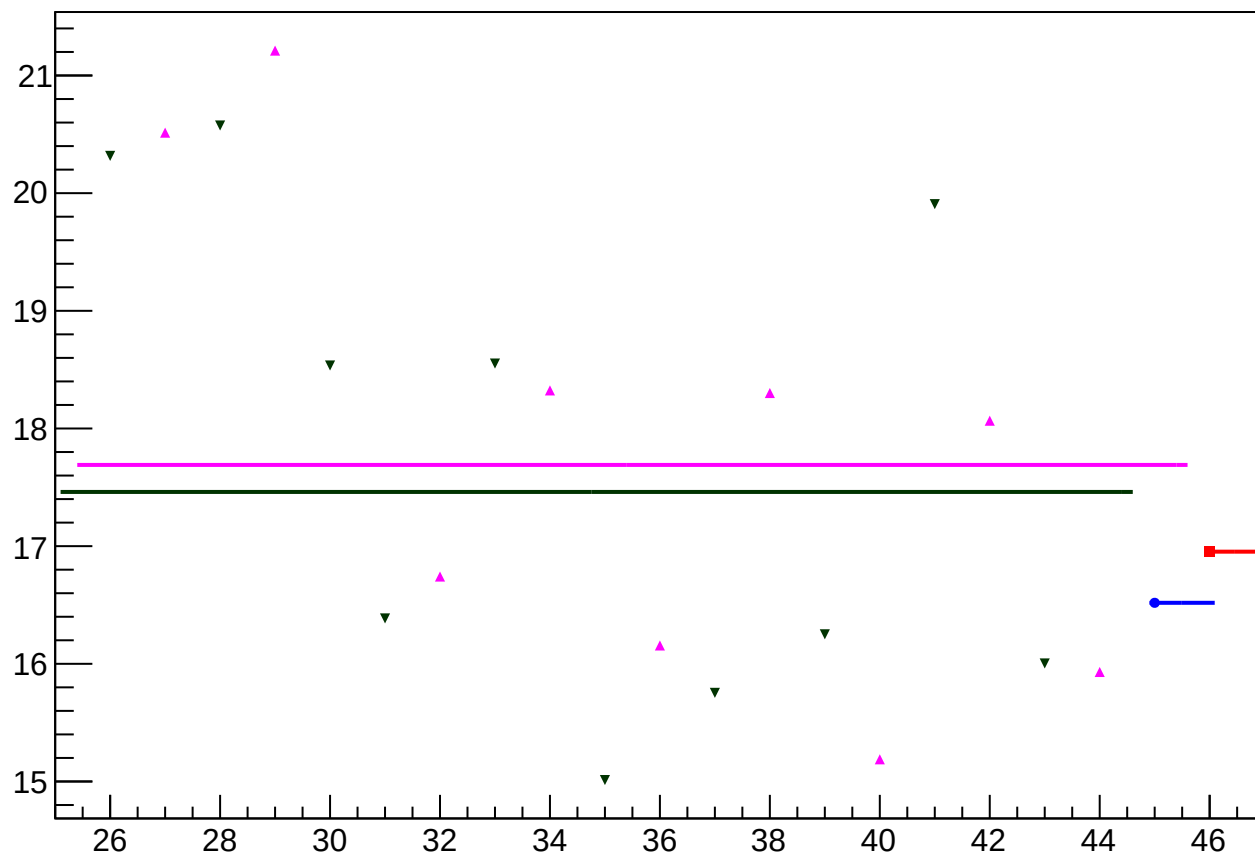
Right Out: 15.524 $\pm$ 26.850 χ^2 /NDF: 0.0/0

Left In: -8.720 $\pm$ 7.598 χ^2 /NDF:12.5/8

-7.353 $\pm$ 7.329 χ^2 /NDF: 13.2/10

-6.923 $\pm$ 7.311 χ^2 /NDF: 13.2/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.519 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 17.461 $\pm$ 0.006 χ^2 /NDF:131638.1/9

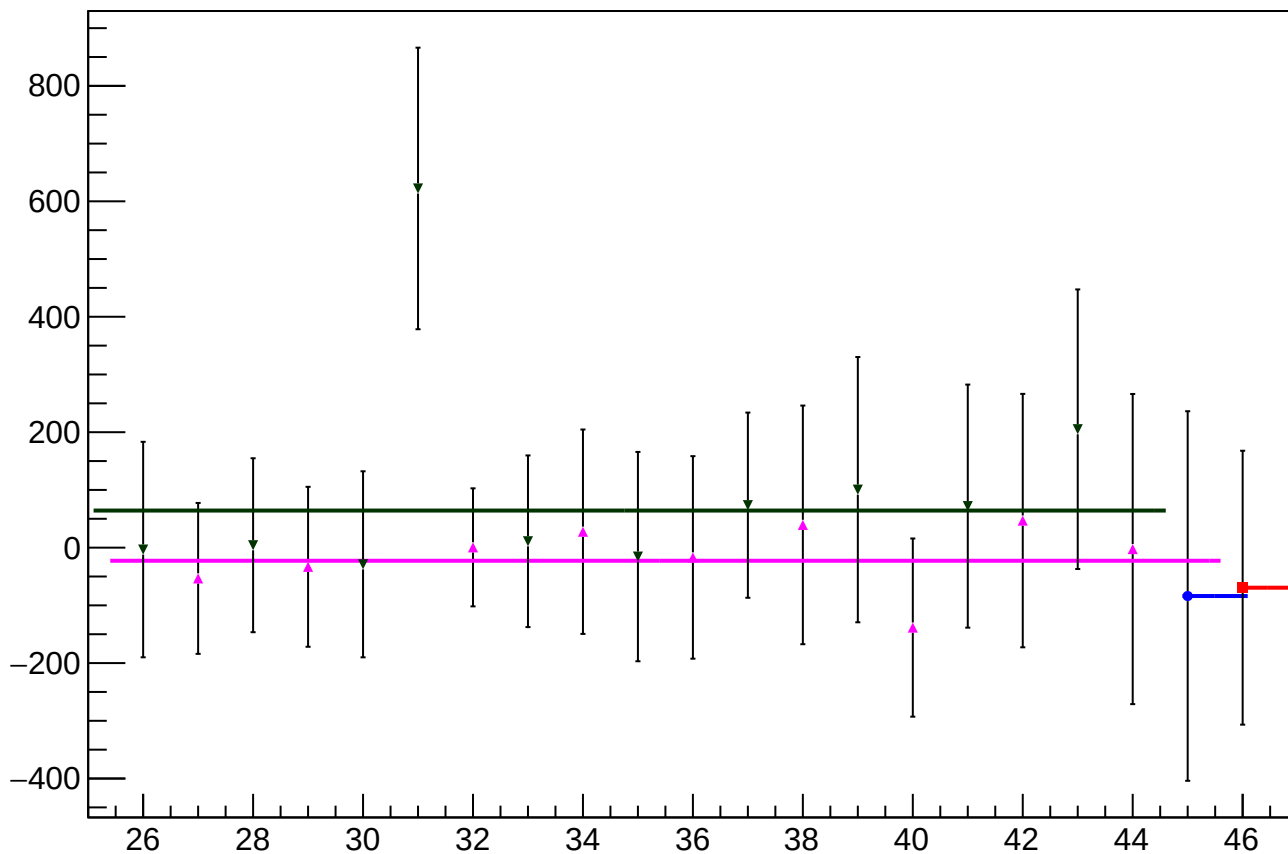
Right Out: 16.953 $\pm$ 0.019 χ^2 /NDF: 0.0/0

Left In: 17.690 $\pm$ 0.005 χ^2 /NDF:134444.8/8

17.351 $\pm$ 0.005 χ^2 /NDF: 135037.6/10

17.636 $\pm$ 0.005 χ^2 /NDF: 135840.7/9

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: -83.808 $\pm$ 320.126 χ^2 /NDF: 0.0/0

Left Out: 64.255 $\pm$ 57.630 χ^2 /NDF:6.5/9

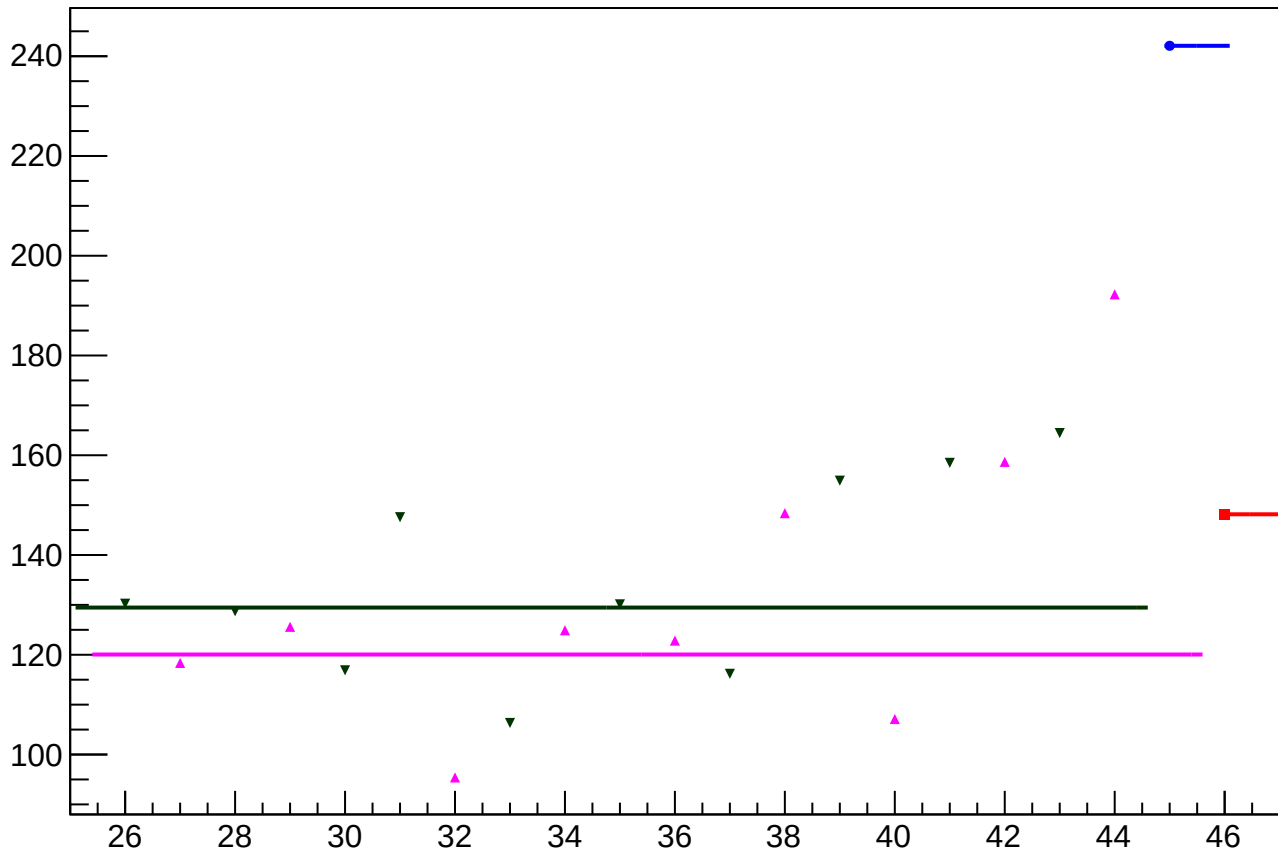
Right Out: -69.396 $\pm$ 237.261 χ^2 /NDF: 0.0/0

Left In: -22.721 $\pm$ 51.941 χ^2 /NDF:1.0/8

59.607 $\pm$ 56.718 χ^2 /NDF: 6.8/10

-24.855 $\pm$ 50.739 χ^2 /NDF: 1.0/9

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 242.090 $\pm$ 0.226 χ^2 /NDF: 0.0/0

Left Out: 129.462 $\pm$ 0.041 χ^2 /NDF:189687.2/9

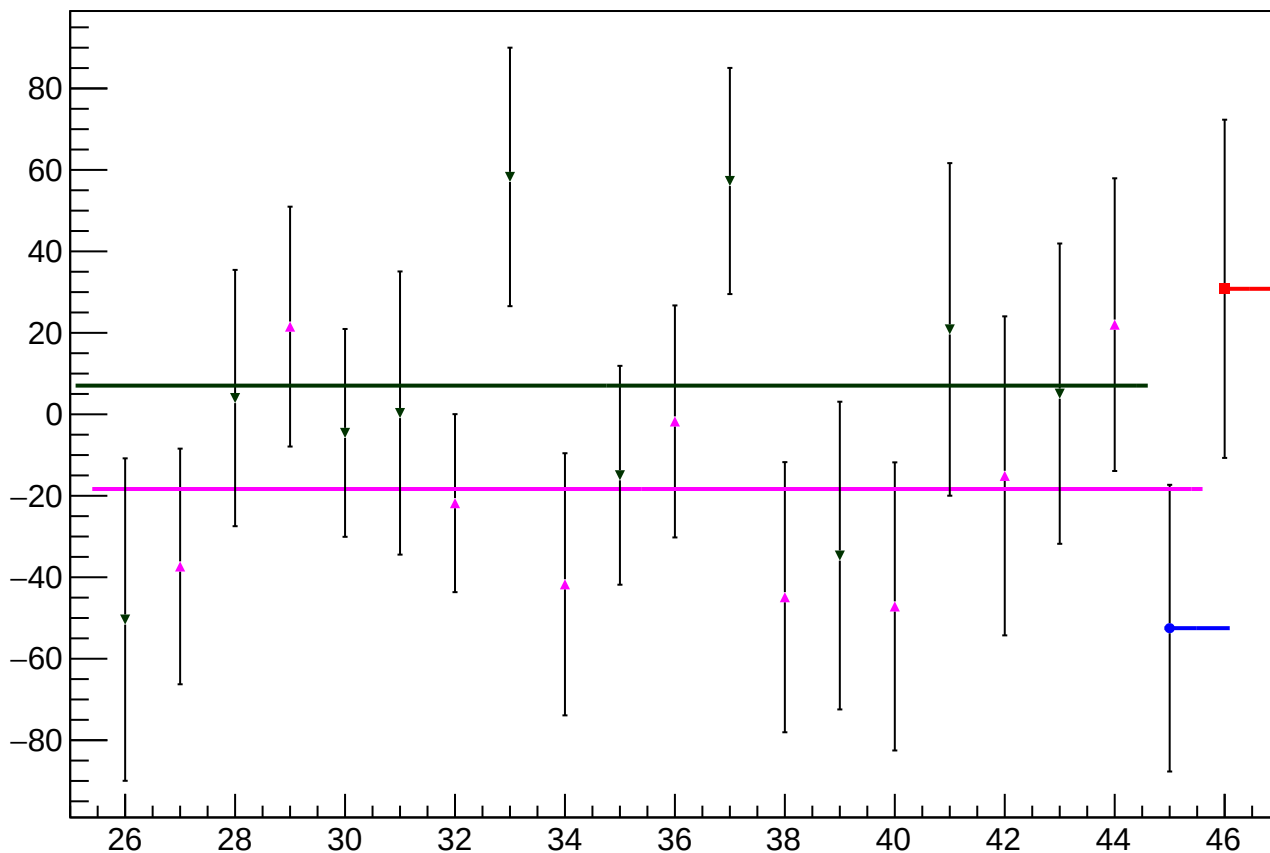
132.997 $\pm$ 0.040 χ^2 /NDF: 429477.0/10

Right Out: 148.163 $\pm$ 0.168 χ^2 /NDF: 0.0/0

121.338 $\pm$ 0.036 χ^2 /NDF: 406586.3/9

Left In: 120.052 $\pm$ 0.037 χ^2 /NDF:379795.5/8

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -52.495 $\pm$ 35.191 χ^2 /NDF: 0.0/0

Left Out: 7.046 $\pm$ 10.139 χ^2 /NDF:10.2/9

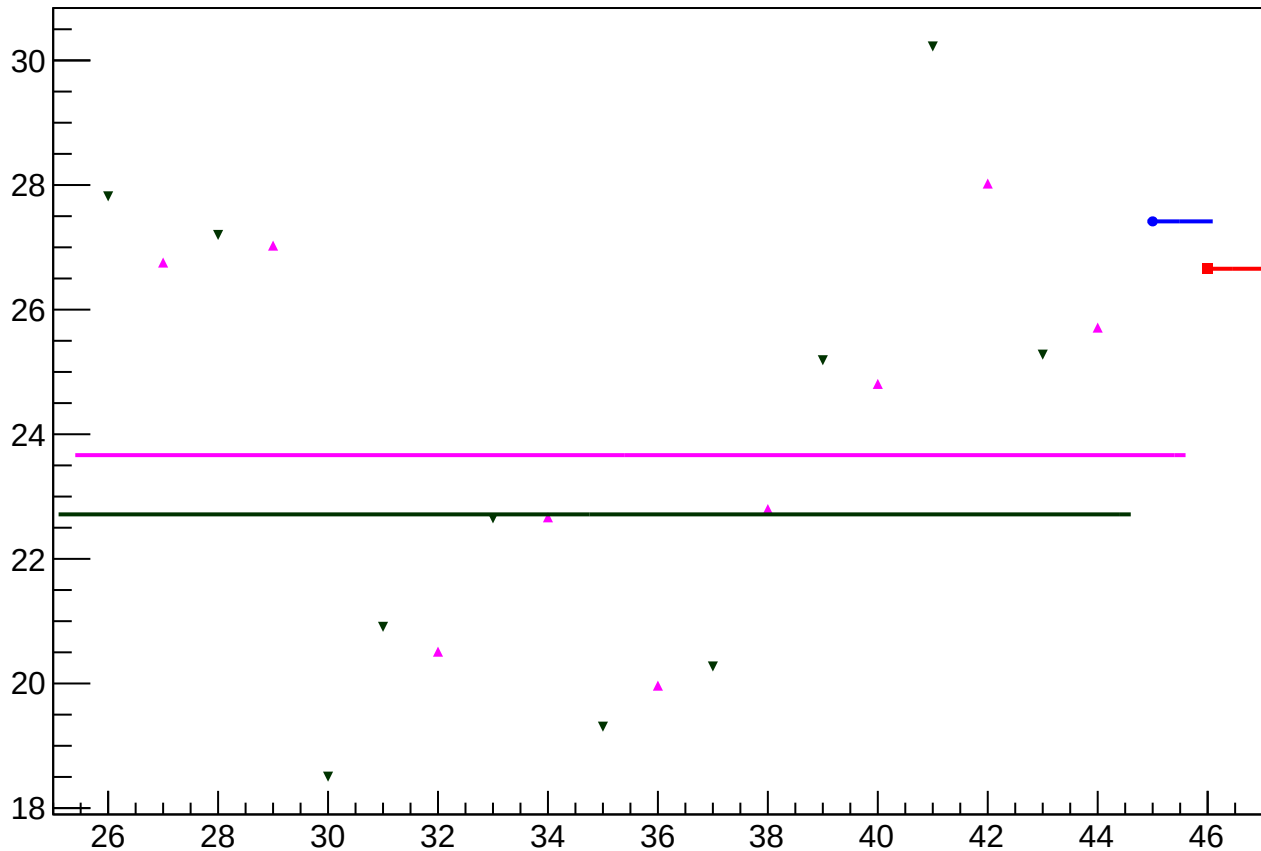
Right Out: 30.812 $\pm$ 41.513 χ^2 /NDF: 0.0/0

Left In: -18.334 $\pm$ 10.112 χ^2 /NDF:5.7/8

2.482 $\pm$ 9.743 χ^2 /NDF: 12.9/10

-15.581 $\pm$ 9.825 χ^2 /NDF: 7.1/9

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 27.417 $\pm$ 0.025 χ^2 /NDF: 0.0/0

Left Out: 22.714 $\pm$ 0.007 χ^2 /NDF:267334.5/9

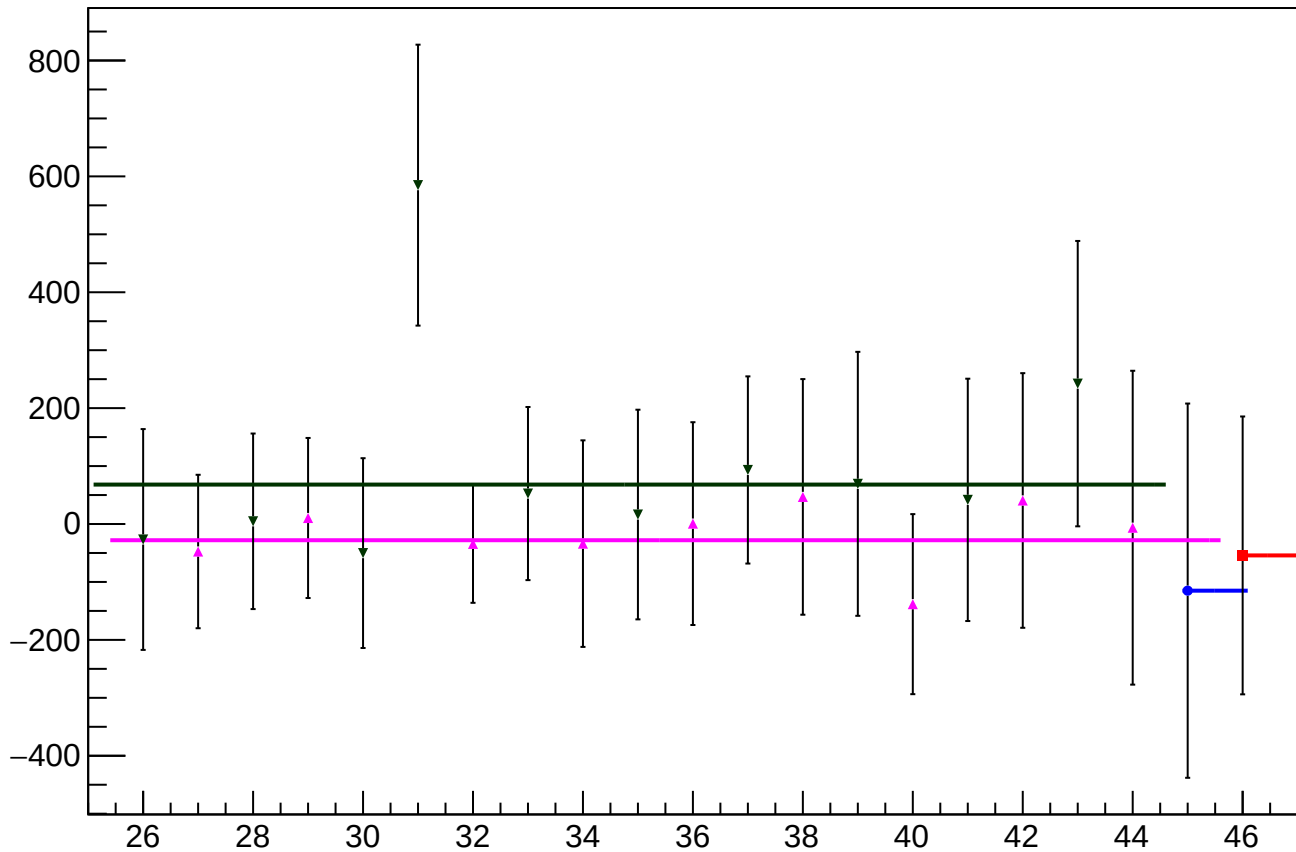
23.075 $\pm$ 0.007 χ^2 /NDF: 300309.1/10

Right Out: 26.656 $\pm$ 0.029 χ^2 /NDF: 0.0/0

23.832 $\pm$ 0.007 χ^2 /NDF: 170825.7/9

Left In: 23.665 $\pm$ 0.007 χ^2 /NDF:161021.9/8

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -115.058+/-322.970 χ^2/NDF : 0.0/0

Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

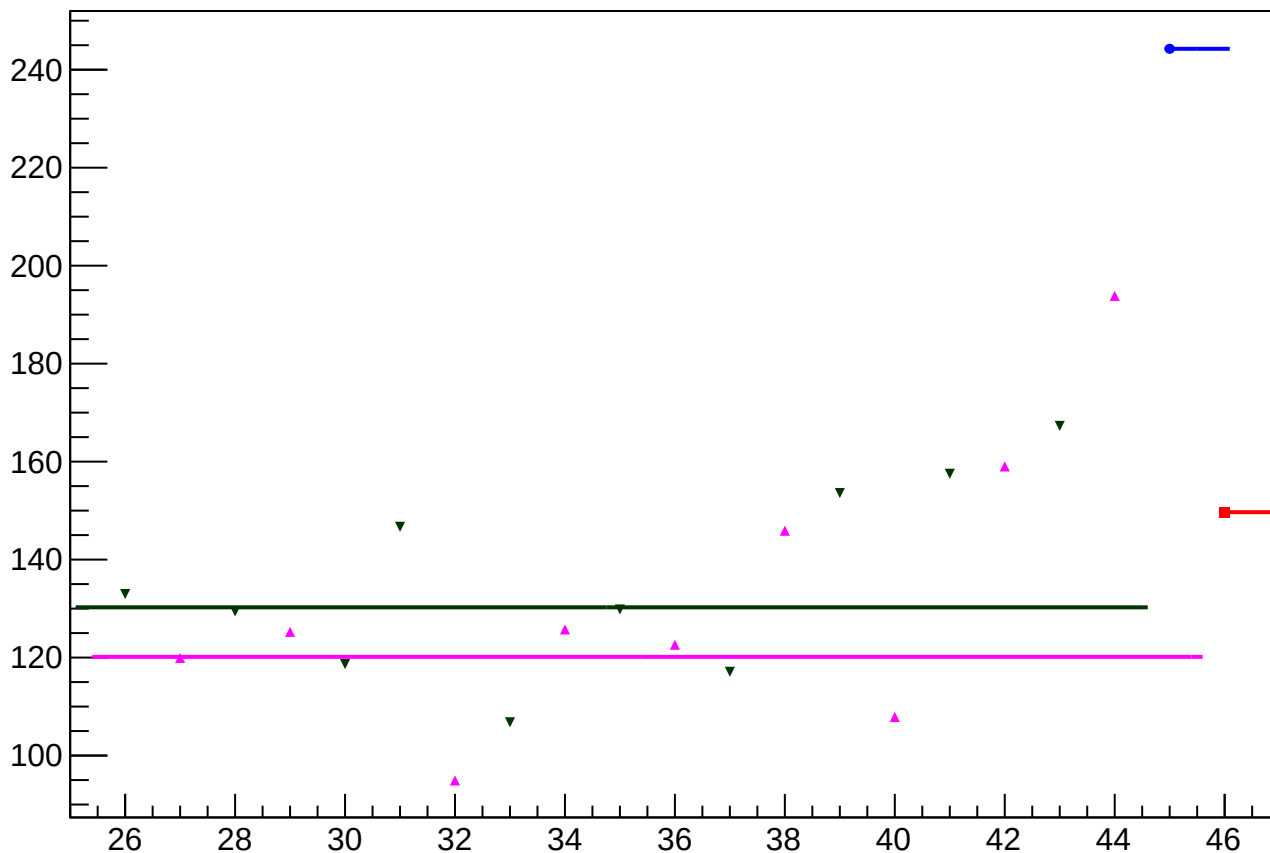
Right Out: -54.203+/-239.786 χ^2/NDF : 0.0/0

Left In: -27.981+/-51.982 χ^2/NDF : 0.9/8

62.346+/-57.047 χ^2/NDF : 6.4/10

-29.158+/-50.802 χ^2/NDF : 0.9/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 244.270 $\pm$ 0.228 χ^2 /NDF: 0.0/0

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF:182492.6/9

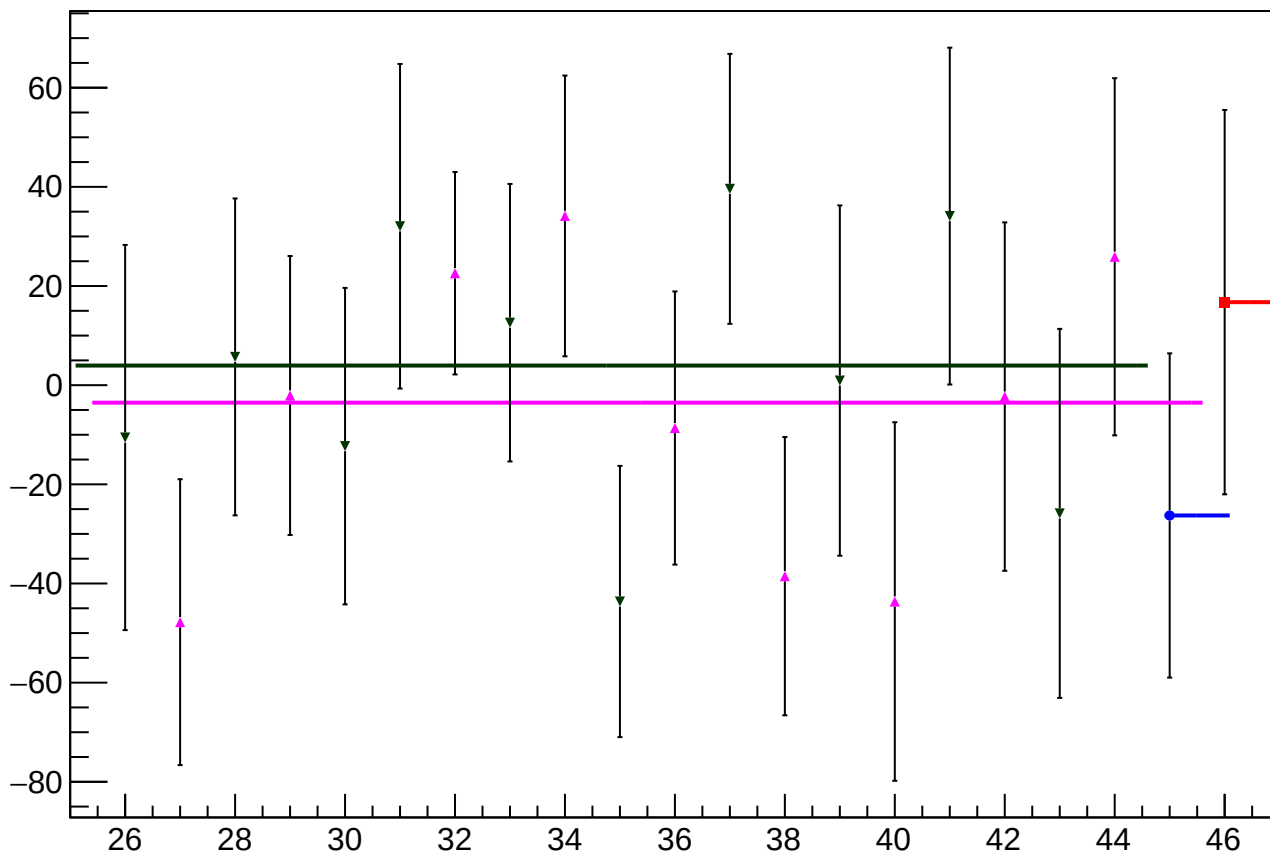
Right Out: 149.677 $\pm$ 0.170 χ^2 /NDF: 0.0/0

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF:383181.0/8

133.814 $\pm$ 0.040 χ^2 /NDF: 423954.4/10

121.470 $\pm$ 0.036 χ^2 /NDF: 412157.0/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: -26.281 $\pm$ 32.700 χ^2 /NDF: 0.0/0

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

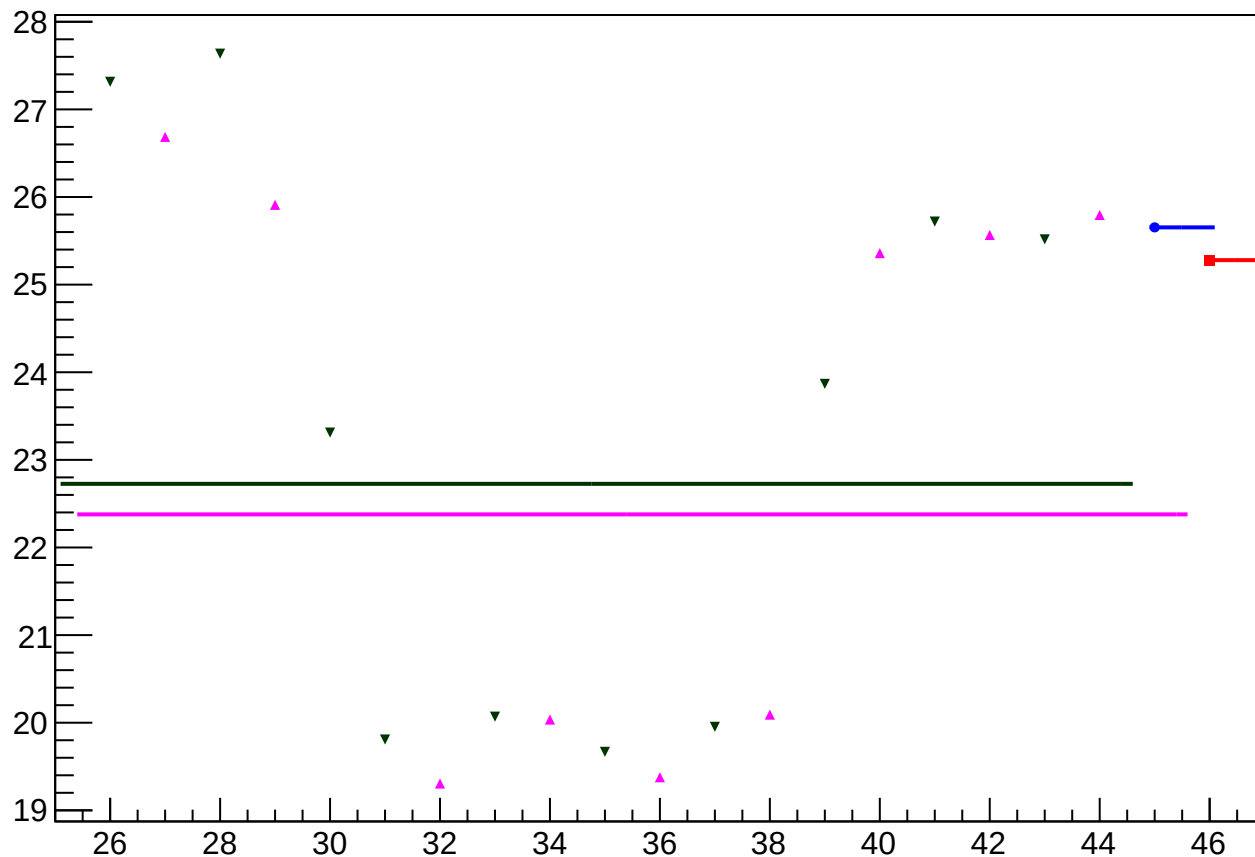
Right Out: 16.745 $\pm$ 38.760 χ^2 /NDF: 0.0/0

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

1.352 $\pm$ 9.603 χ^2 /NDF: 8.2/10

-2.376 $\pm$ 9.241 χ^2 /NDF: 9.5/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.653+/-0.023 χ^2 /NDF: 0.0/0

Left Out: 22.726+/-0.007 χ^2 /NDF:184323.0/9

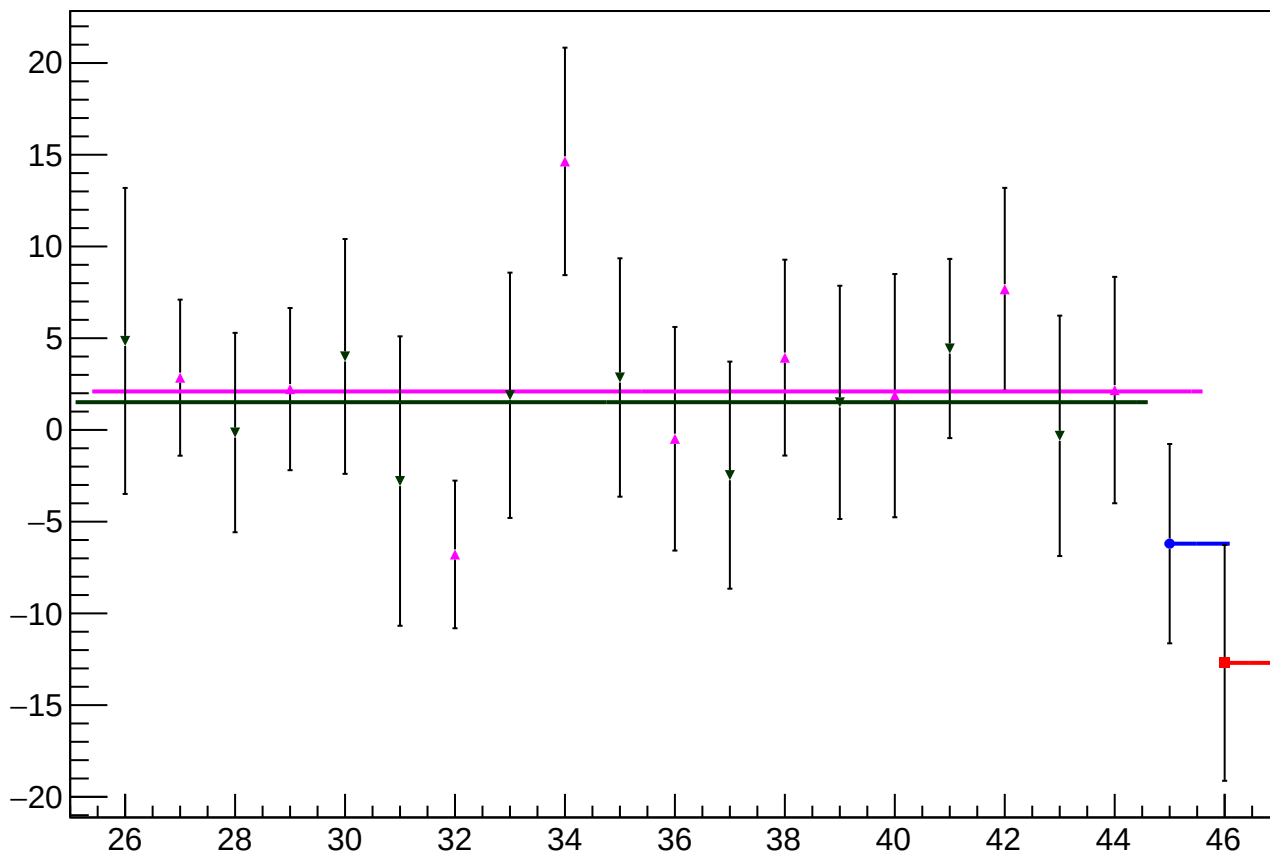
Right Out: 25.280+/-0.027 χ^2 /NDF: 0.0/0

Left In: 22.378+/-0.007 χ^2 /NDF:220187.8/8

22.979+/-0.007 χ^2 /NDF: 198966.5/10

22.543+/-0.007 χ^2 /NDF: 230760.7/9

diff_bpm12X_mean vs slug



Right In: -6.199+/-5.432 χ^2 /NDF: 0.0/0

Left Out: 1.512+/-1.997 χ^2 /NDF:1.6/9

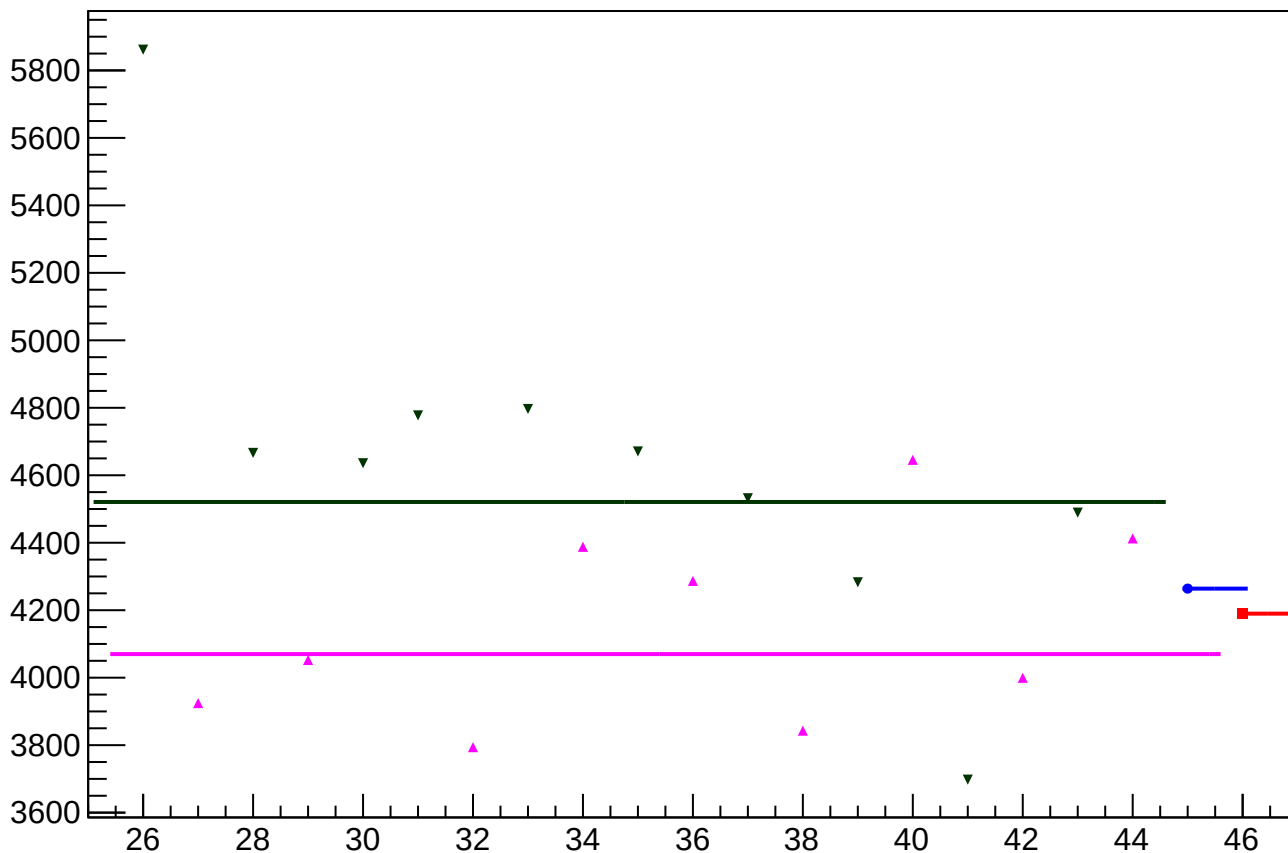
Right Out: -12.697+/-6.428 χ^2 /NDF: 0.0/0

Left In: 2.097+/-1.720 χ^2 /NDF:10.3/8

0.594+/-1.874 χ^2 /NDF: 3.4/10

1.109+/-1.662 χ^2 /NDF: 15.3/9

diff_bpm12X_rms vs slug



Right In: 4263.998+/-3.841 χ^2 /NDF: 0.0/0

Left Out: 4520.844+/-1.412 χ^2 /NDF:119990.0/9

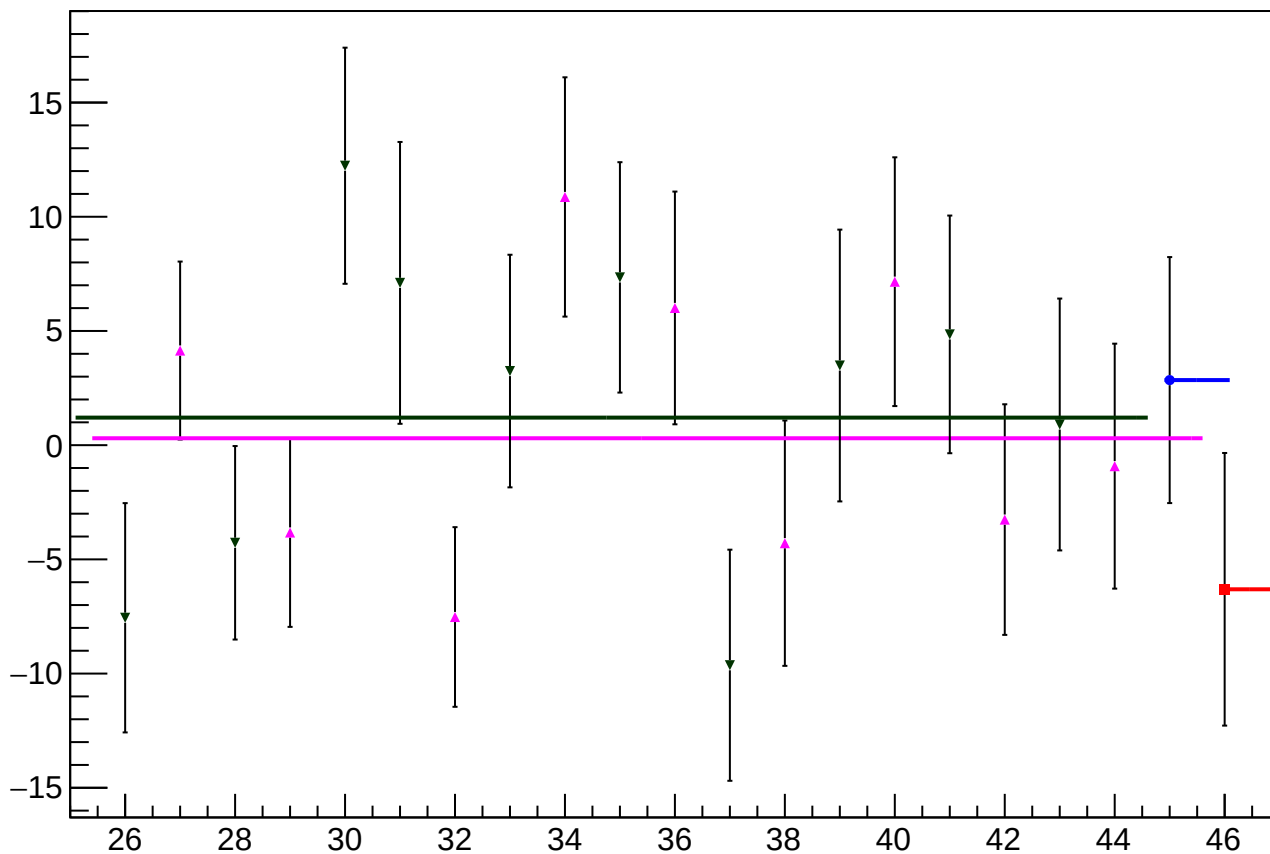
4490.279+/-1.325 χ^2 /NDF: 123928.7/10

Right Out: 4189.810+/-4.545 χ^2 /NDF: 0.0/0

4077.954+/-1.175 χ^2 /NDF: 45422.5/9

Left In: 4069.946+/-1.216 χ^2 /NDF:44773.6/8

diff_bpm12Y_mean vs slug



Right In: 2.850+/-5.385 χ^2/NDF : 0.0/0

Left Out: 1.206+/-1.635 χ^2/NDF :17.1/9

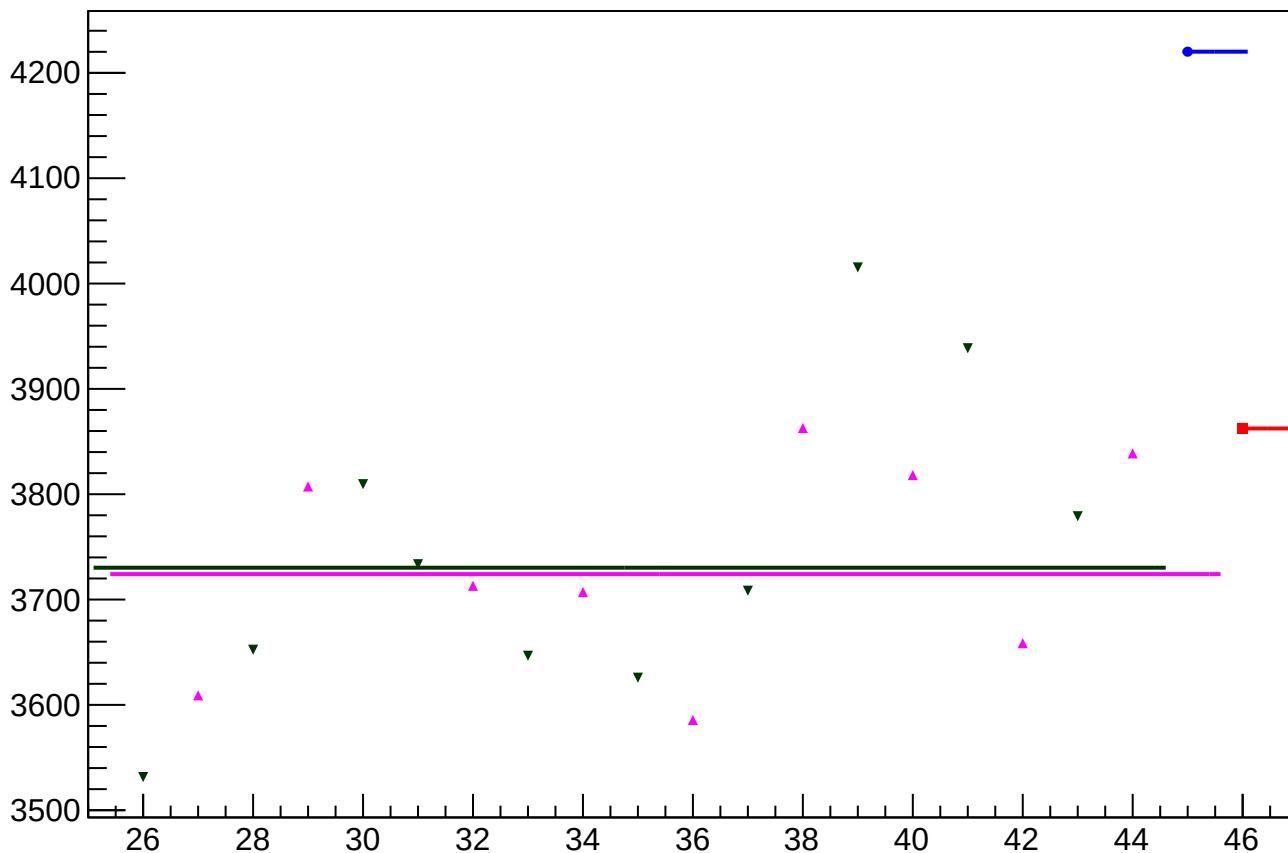
Right Out: -6.310+/-5.968 χ^2/NDF : 0.0/0

Left In: 0.303+/-1.568 χ^2/NDF :14.1/8

1.345+/-1.564 χ^2/NDF : 17.1/10

-0.124+/-1.517 χ^2/NDF : 15.3/9

diff_bpm12Y_rms vs slug



Right In: 4220.131+/-3.808 χ^2/NDF : 0.0/0

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

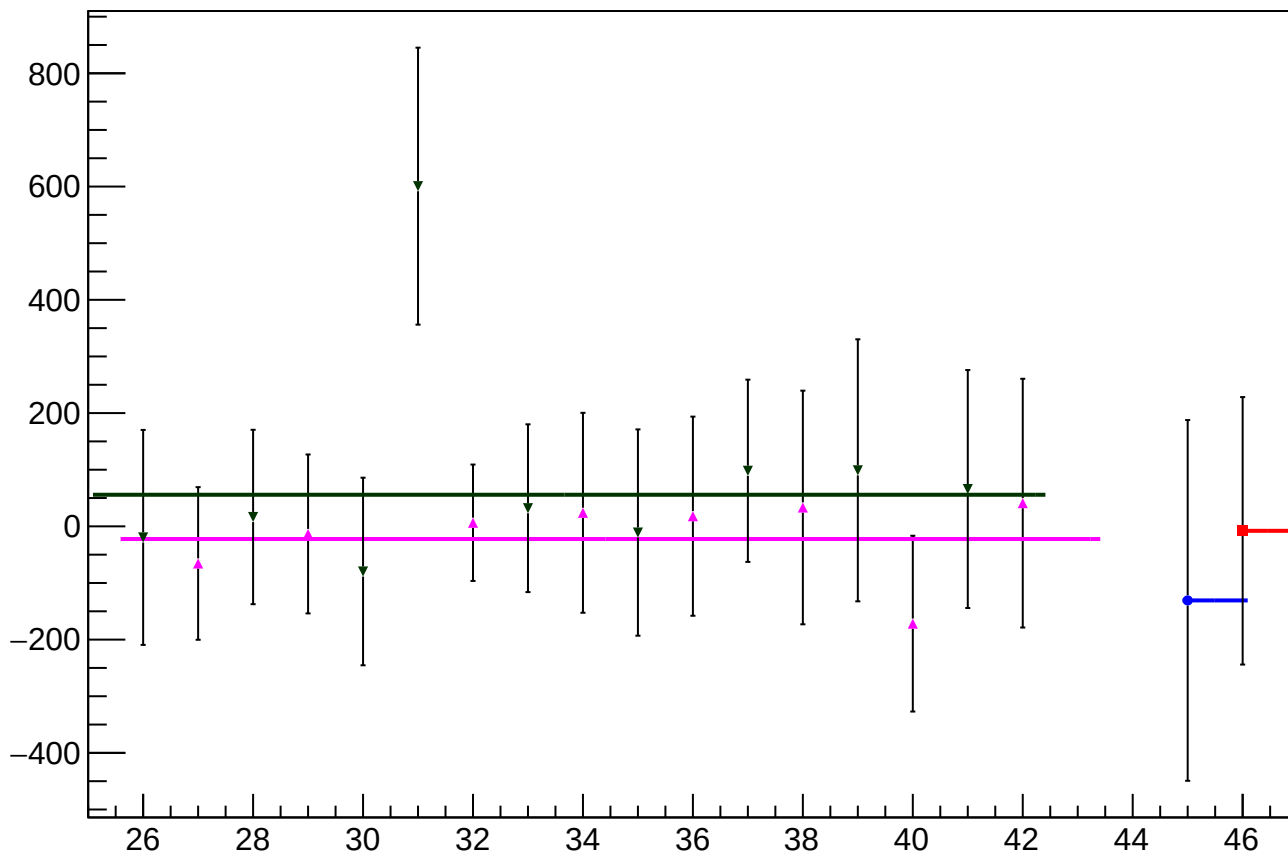
Right Out: 3862.405+/-4.220 χ^2/NDF : 0.0/0

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3771.568+/-1.106 χ^2/NDF : 28827.3/10

3733.097+/-1.073 χ^2/NDF : 8256.3/9

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -130.799+/-318.513 χ^2/NDF : 0.0/0

Left Out: 55.788+/-59.892 χ^2/NDF : 6.1/8

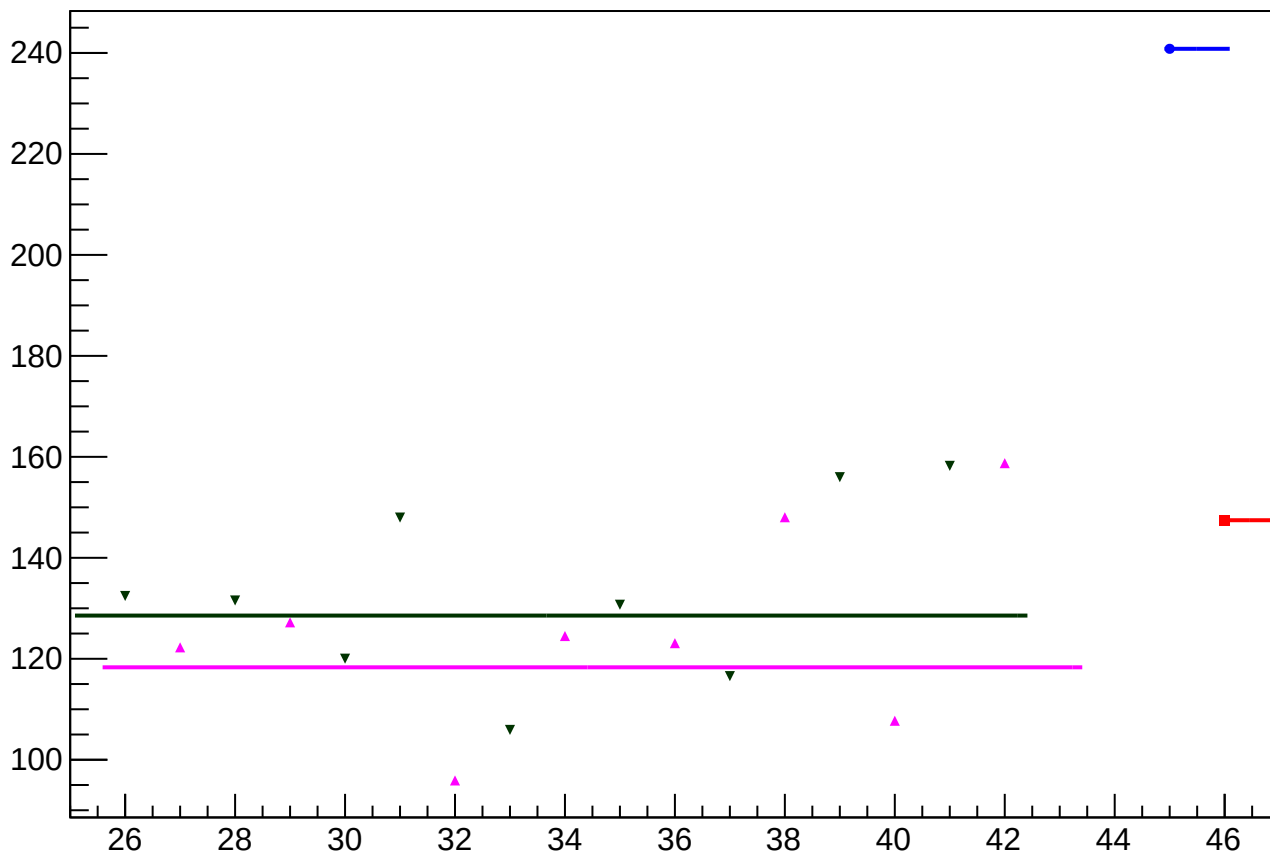
Right Out: -7.905+/-236.142 χ^2/NDF : 0.0/0

Left In: -22.351+/-53.393 χ^2/NDF : 1.4/7

49.416+/-58.860 χ^2/NDF : 6.5/9

-21.648+/-52.078 χ^2/NDF : 1.4/8

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 240.822 $\pm$ 0.225 χ^2 /NDF: 0.0/0

Left Out: 128.560 $\pm$ 0.042 χ^2 /NDF: 145575.3/8

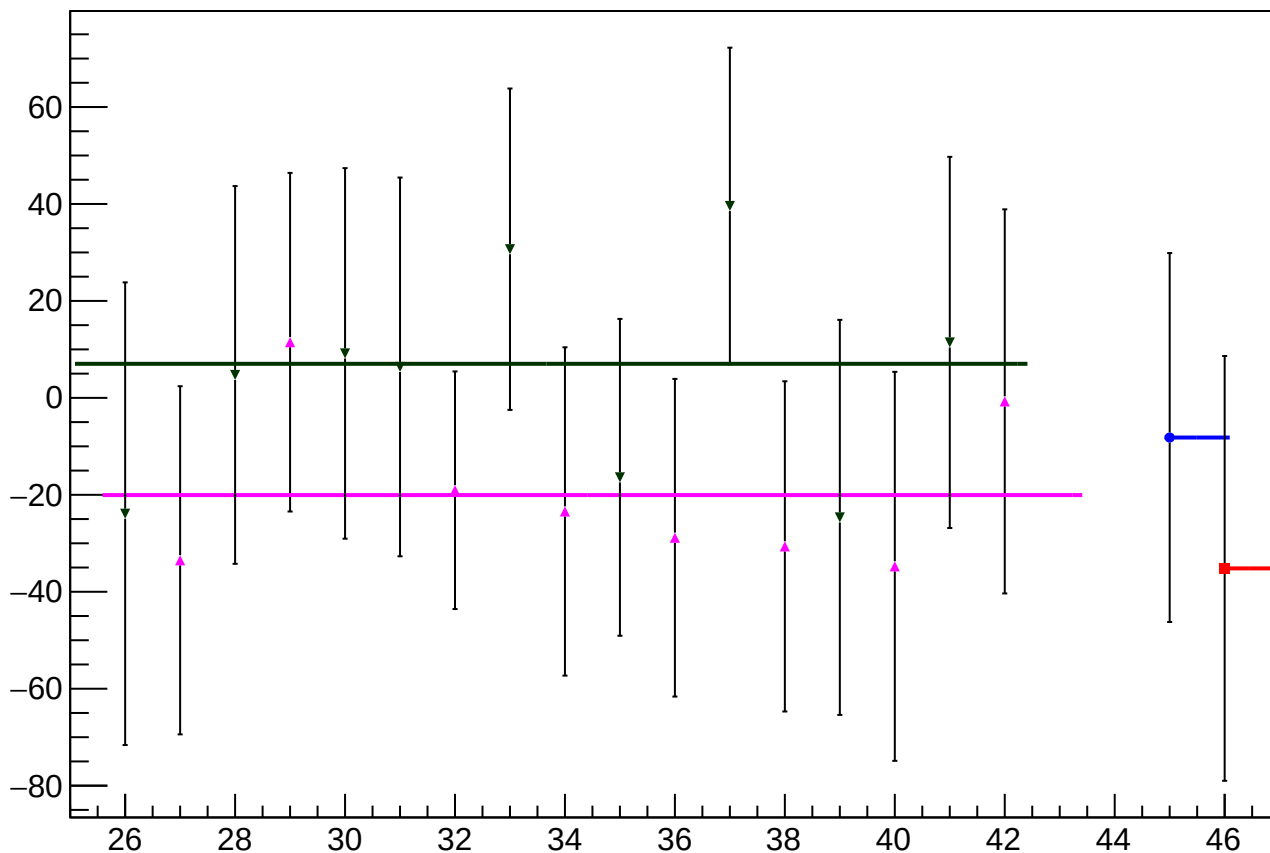
Right Out: 147.446 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Left In: 118.311 $\pm$ 0.038 χ^2 /NDF: 227483.3/7

132.394 $\pm$ 0.042 χ^2 /NDF: 385545.5/9

119.728 $\pm$ 0.037 χ^2 /NDF: 256448.9/8

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: -8.180 $\pm$ 38.053 χ^2 /NDF: 0.0/0

Left Out: 7.028 $\pm$ 12.398 χ^2 /NDF:3.1/8

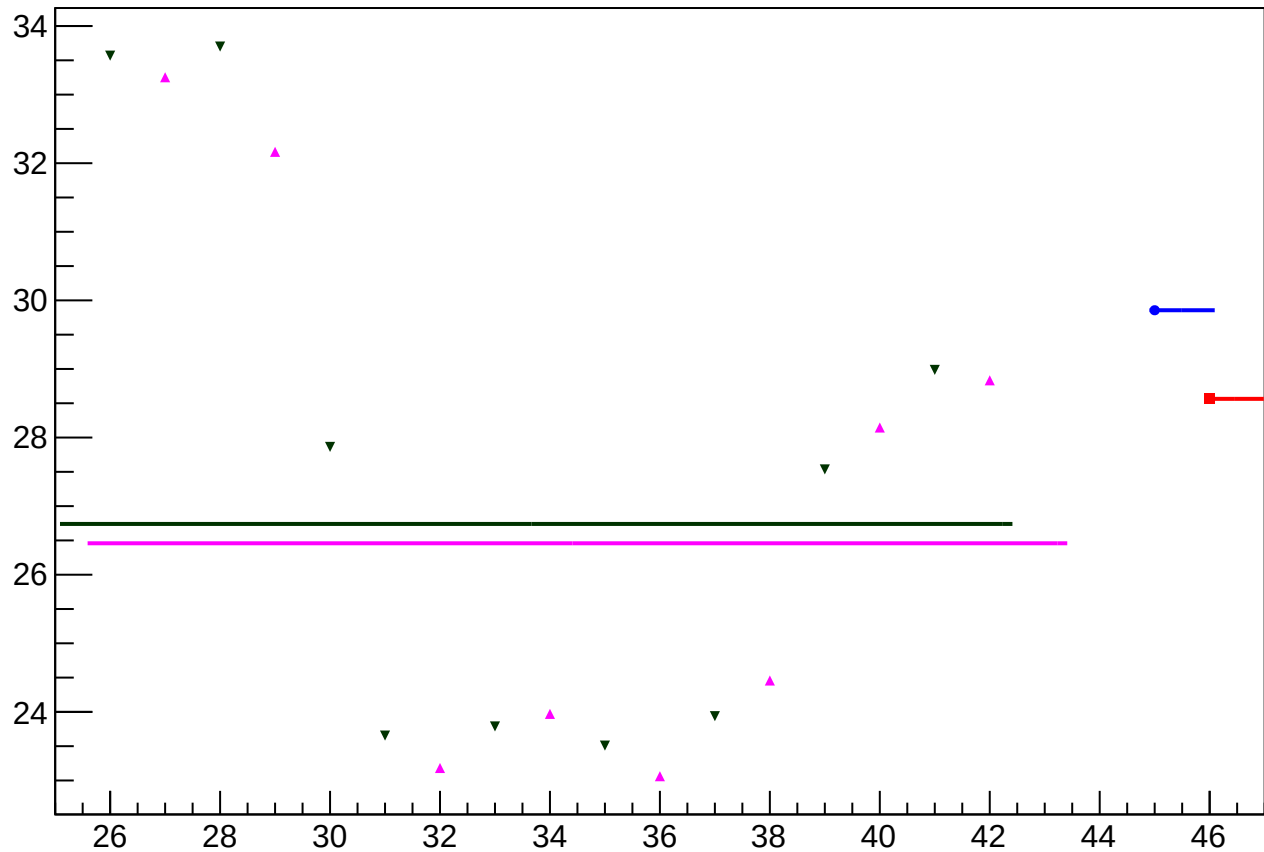
Right Out: -35.178 $\pm$ 43.816 χ^2 /NDF: 0.0/0

Left In: -20.053 $\pm$ 11.799 χ^2 /NDF:1.5/7

5.569 $\pm$ 11.788 χ^2 /NDF: 3.2/9

-21.075 $\pm$ 11.393 χ^2 /NDF: 1.6/8

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.856 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 26.740 $\pm$ 0.009 χ^2 /NDF:176771.5/8

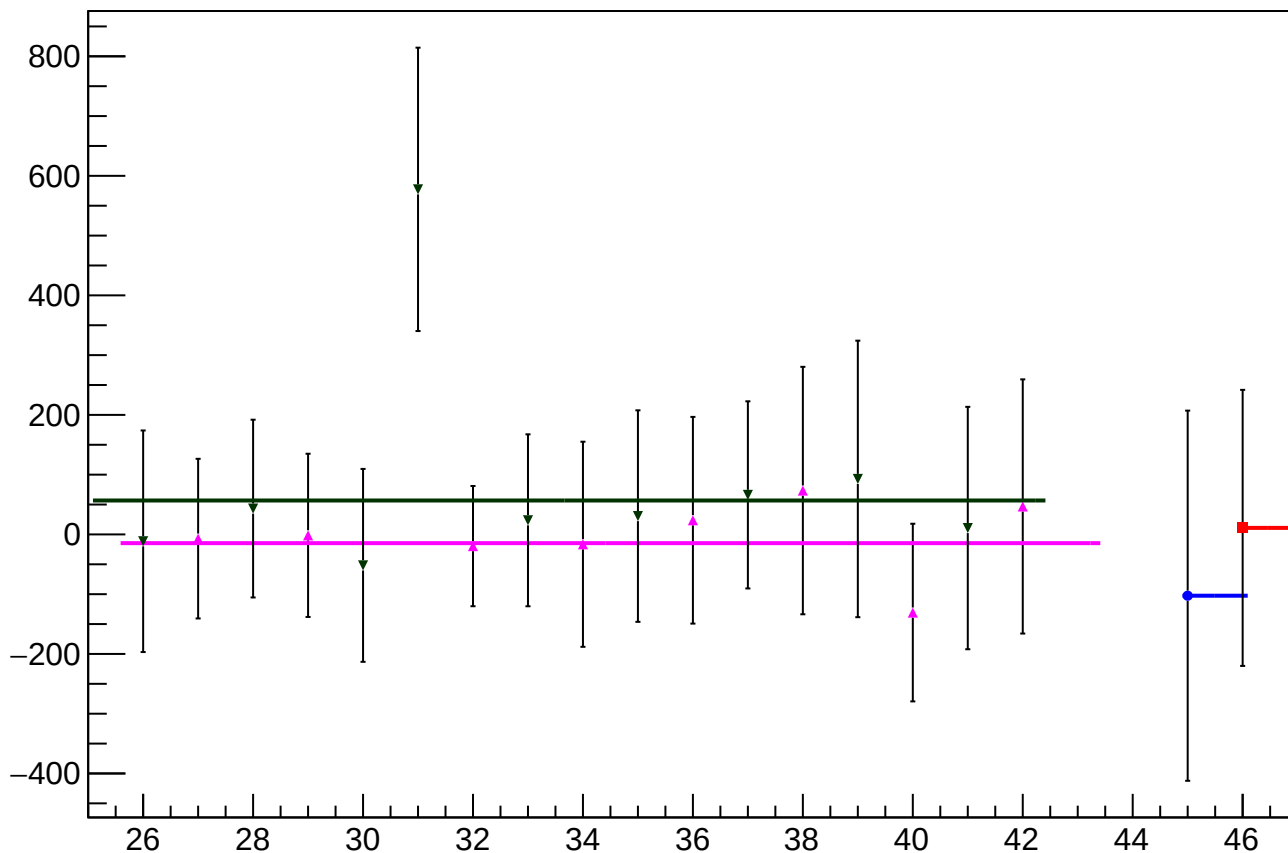
27.039 $\pm$ 0.008 χ^2 /NDF: 188892.9/9

Right Out: 28.564 $\pm$ 0.031 χ^2 /NDF: 0.0/0

26.601 $\pm$ 0.008 χ^2 /NDF: 214964.5/8

Left In: 26.458 $\pm$ 0.008 χ^2 /NDF:210657.2/7

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -102.561 ± 309.705 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 56.763 ± 58.268 $\chi^2/\text{NDF}: 5.6/8$

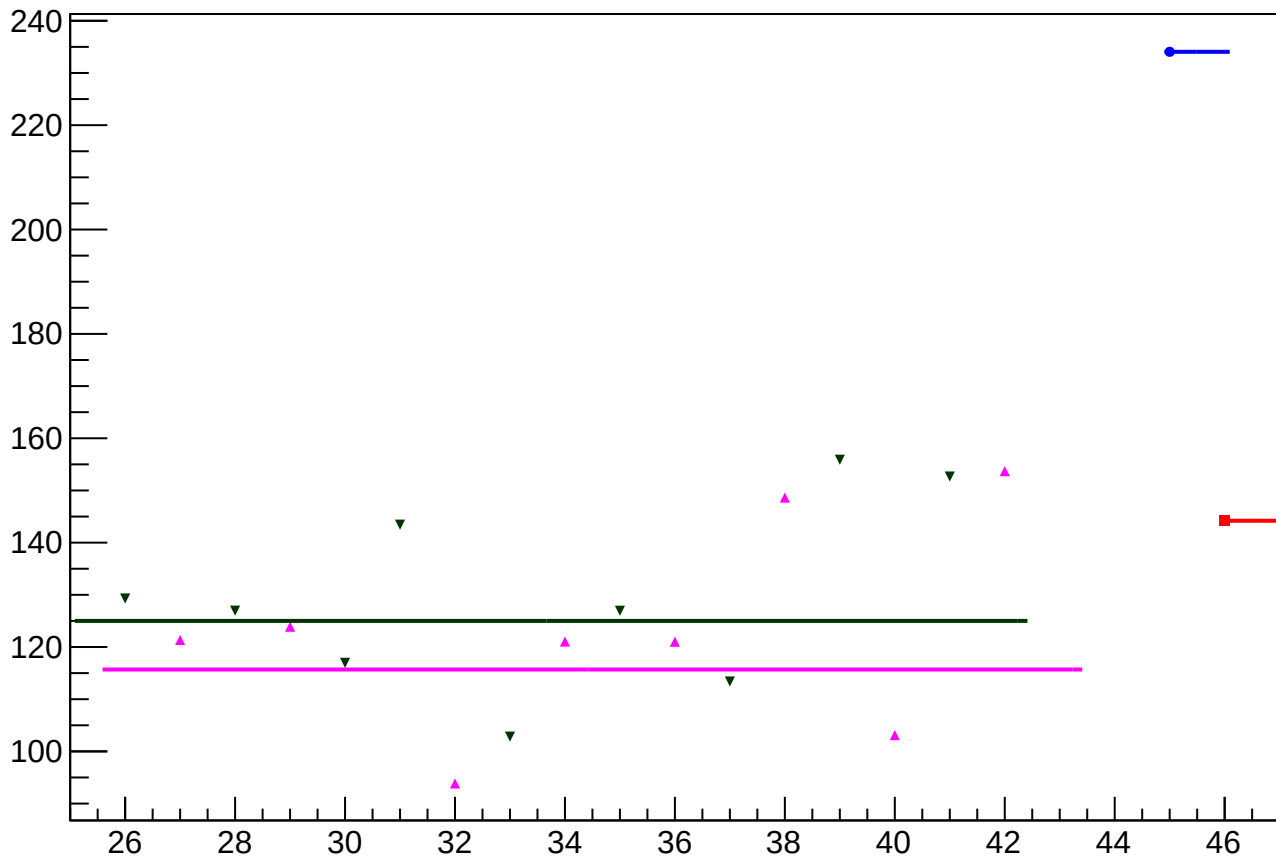
Right Out: 10.921 ± 230.957 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.603 ± 52.227 $\chi^2/\text{NDF}: 0.9/7$

51.316 ± 57.264 $\chi^2/\text{NDF}: 5.8/9$

-13.362 ± 50.941 $\chi^2/\text{NDF}: 1.0/8$

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 234.055 ± 0.219 χ^2/NDF : 0.0/0

Left Out: 125.005 ± 0.041 χ^2/NDF : 150125.6/8

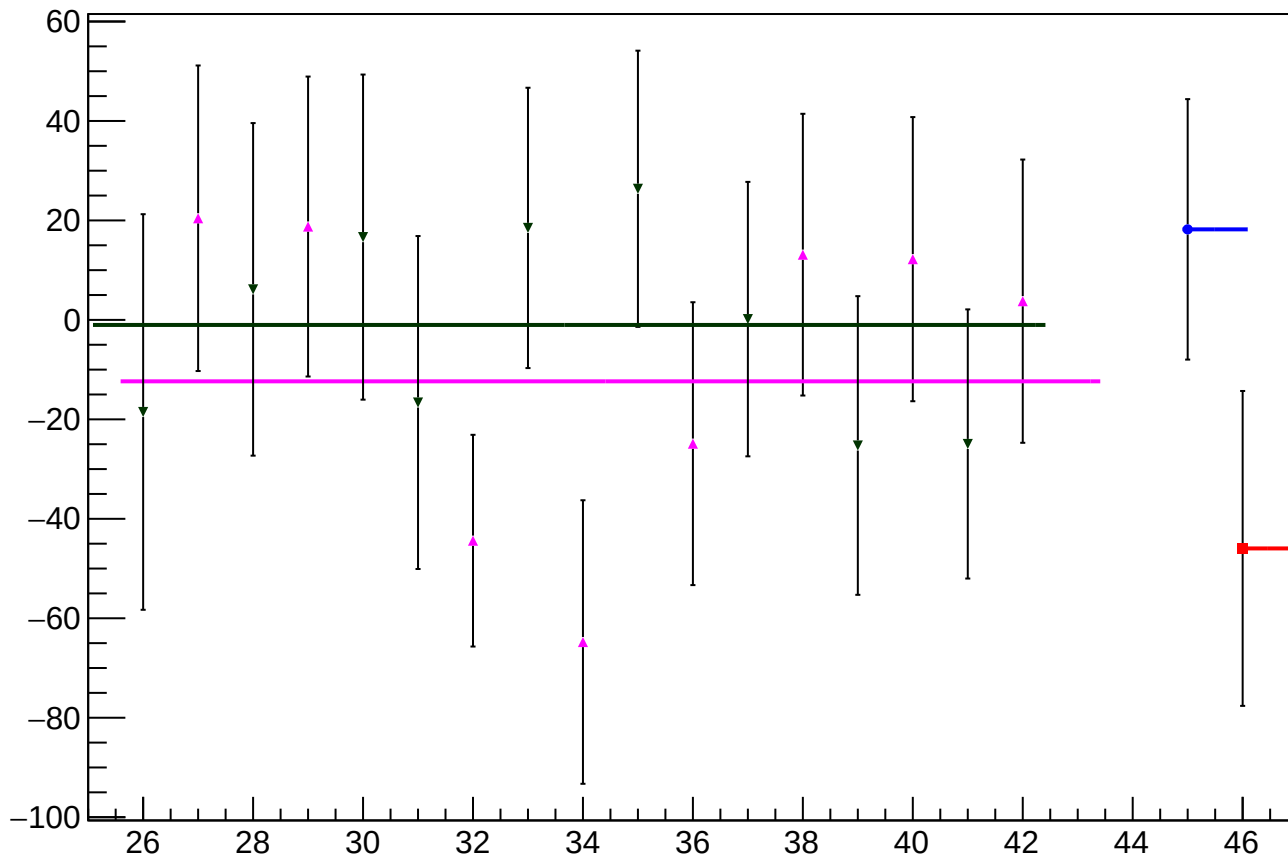
128.733 ± 0.040 χ^2/NDF : 389612.4/9

Right Out: 144.199 ± 0.163 χ^2/NDF : 0.0/0

117.077 ± 0.036 χ^2/NDF : 266661.7/8

Left In: 115.690 ± 0.037 χ^2/NDF : 237670.3/7

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 18.204 ± 26.188 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1.017 ± 10.154 $\chi^2/\text{NDF}: 3.6/8$

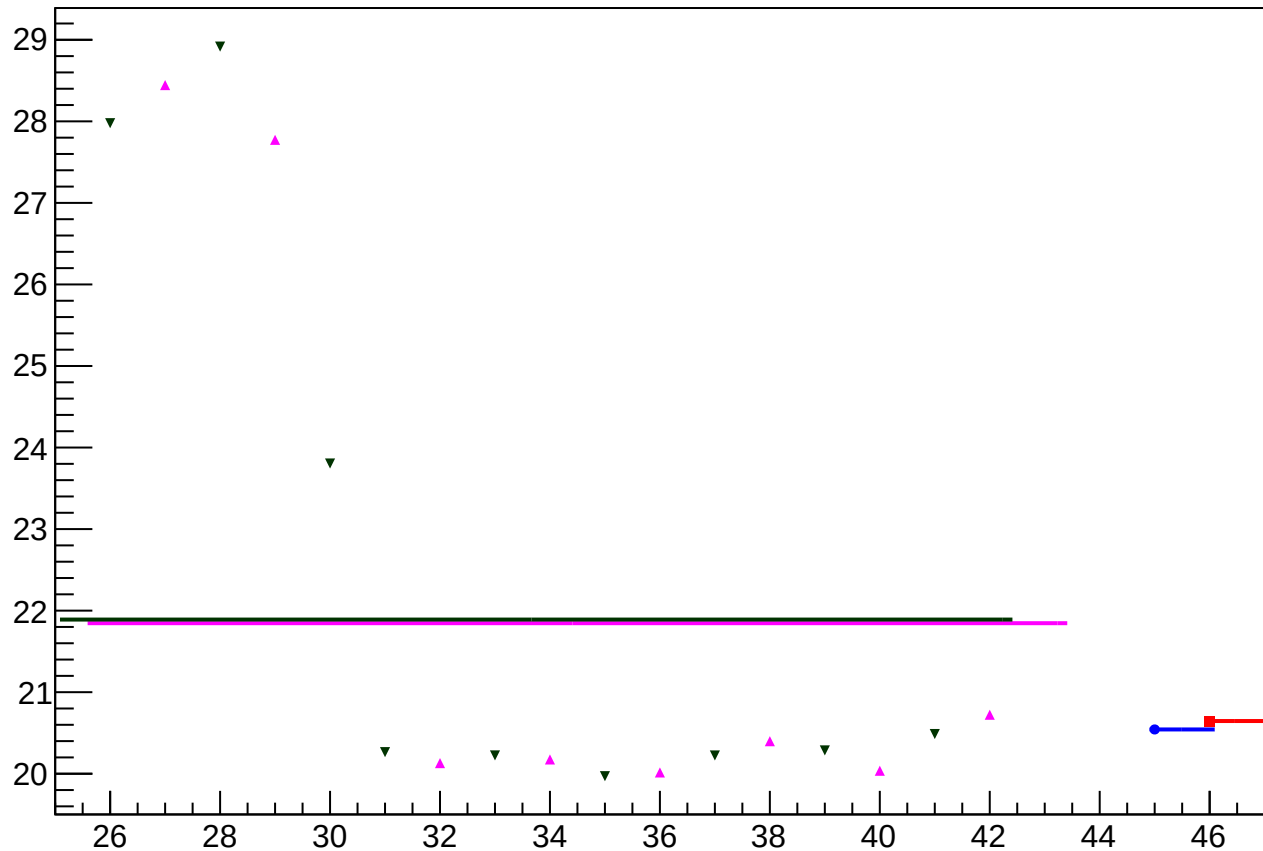
Right Out: -45.955 ± 31.660 $\chi^2/\text{NDF}: 0.0/0$

Left In: -12.356 ± 9.741 $\chi^2/\text{NDF}: 9.9/7$

1.495 ± 9.468 $\chi^2/\text{NDF}: 4.1/9$

-15.262 ± 9.311 $\chi^2/\text{NDF}: 10.9/8$

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.543+/-0.019 χ^2/NDF : 0.0/0

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

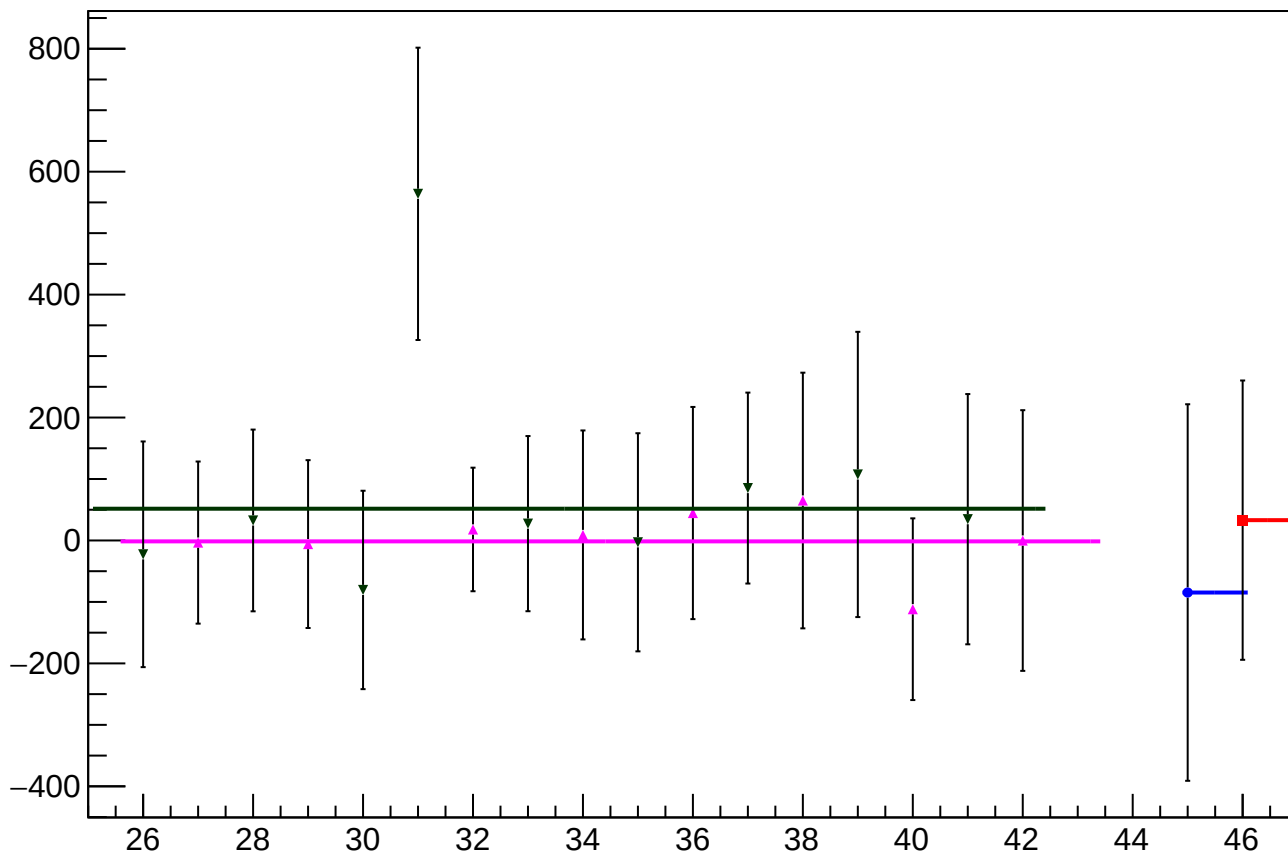
Right Out: 20.646+/-0.022 χ^2/NDF : 0.0/0

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

21.714+/-0.007 χ^2/NDF : 186266.5/9

21.742+/-0.007 χ^2/NDF : 216674.5/8

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -84.697+/-306.311 χ^2/NDF : 0.0/0

Left Out: 51.653+/-58.058 χ^2/NDF : 5.7/8

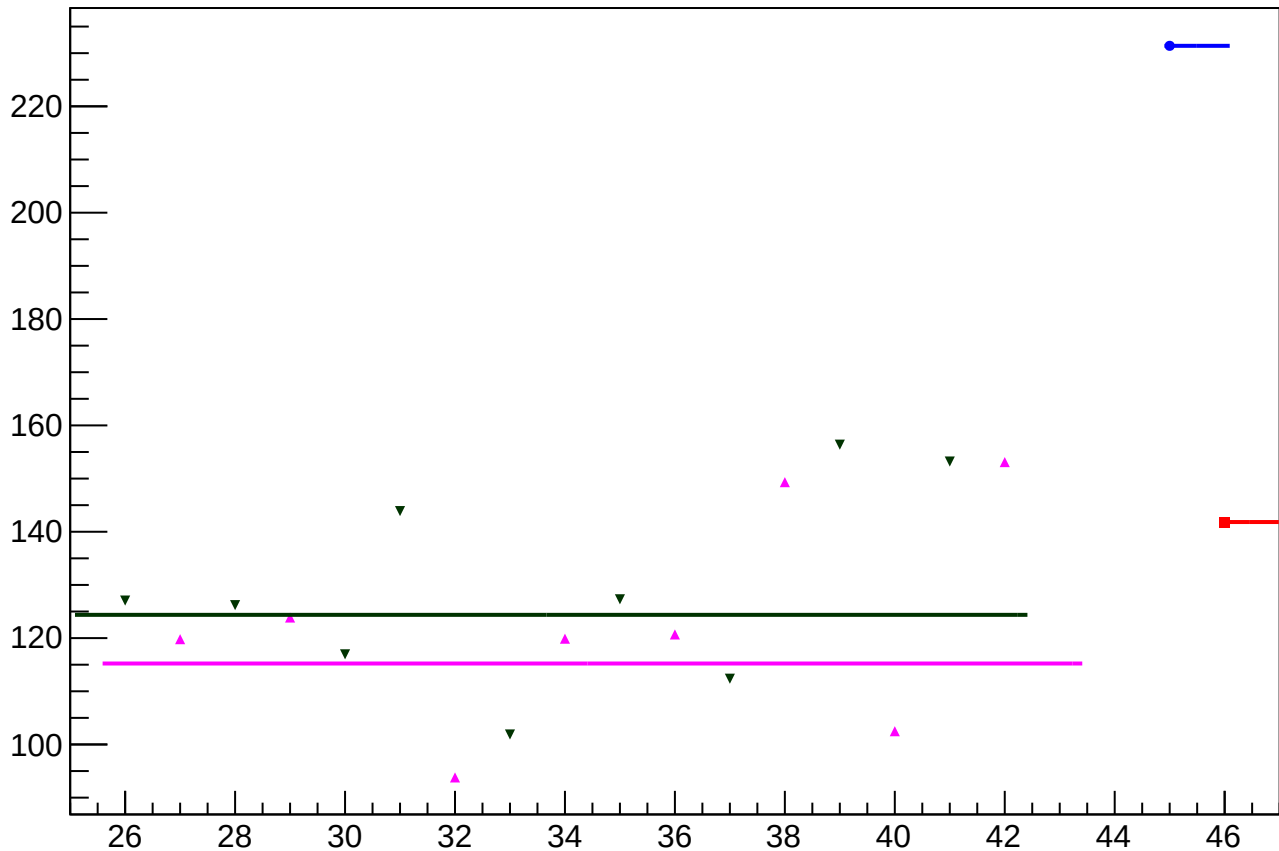
Right Out: 33.050+/-227.203 χ^2/NDF : 0.0/0

Left In: -1.485+/-52.029 χ^2/NDF : 0.8/7

46.924+/-57.043 χ^2/NDF : 5.9/9

0.236+/-50.716 χ^2/NDF : 0.8/8

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 231.379+/-0.217 χ^2/NDF : 0.0/0

Left Out: 124.375+/-0.041 χ^2/NDF :158935.2/8

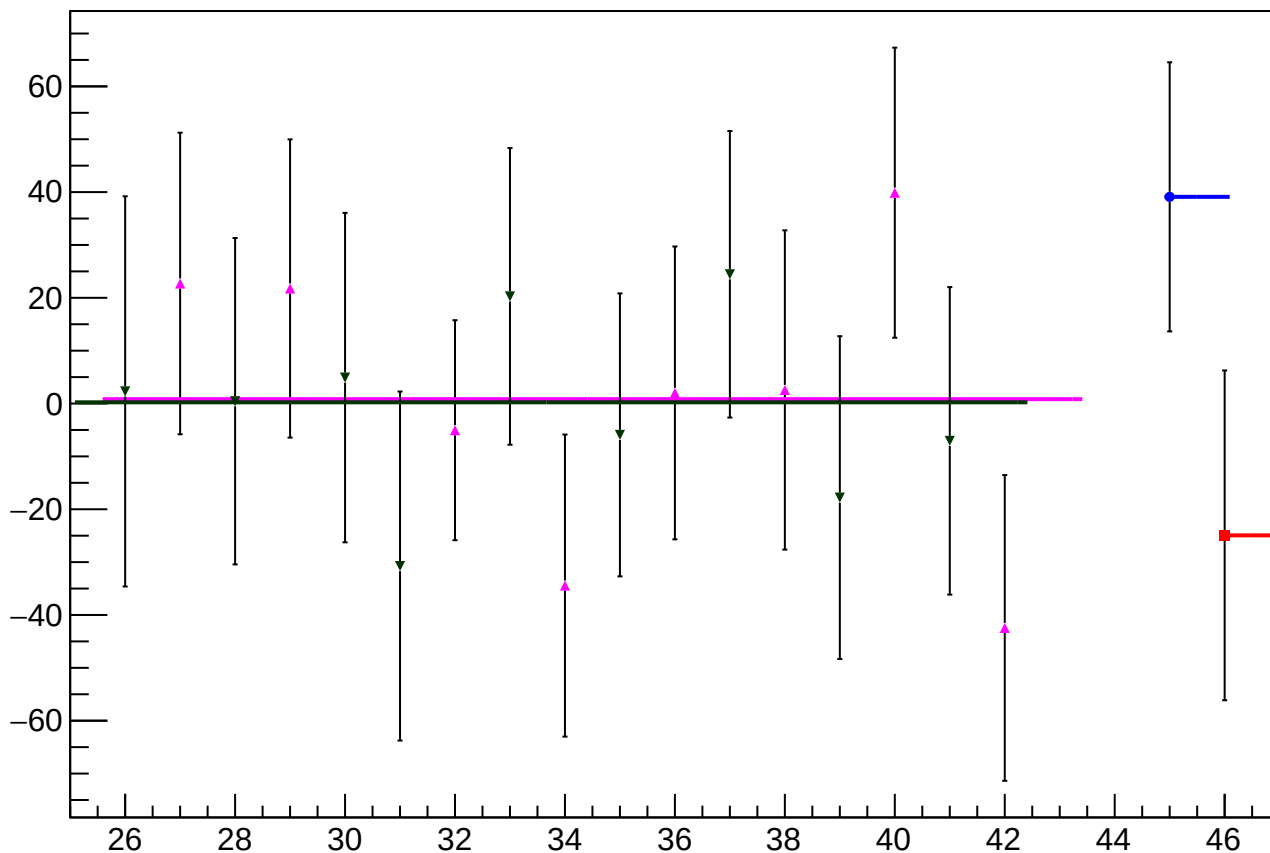
128.086+/-0.040 χ^2/NDF : 394536.6/9

Right Out: 141.829+/-0.161 χ^2/NDF : 0.0/0

116.549+/-0.036 χ^2/NDF : 263255.9/8

Left In: 115.224+/-0.037 χ^2/NDF :237198.7/7

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 39.102 $\pm$ 25.457 χ^2 /NDF: 0.0/0

Left Out: 0.232 $\pm$ 9.994 χ^2 /NDF: 2.7/8

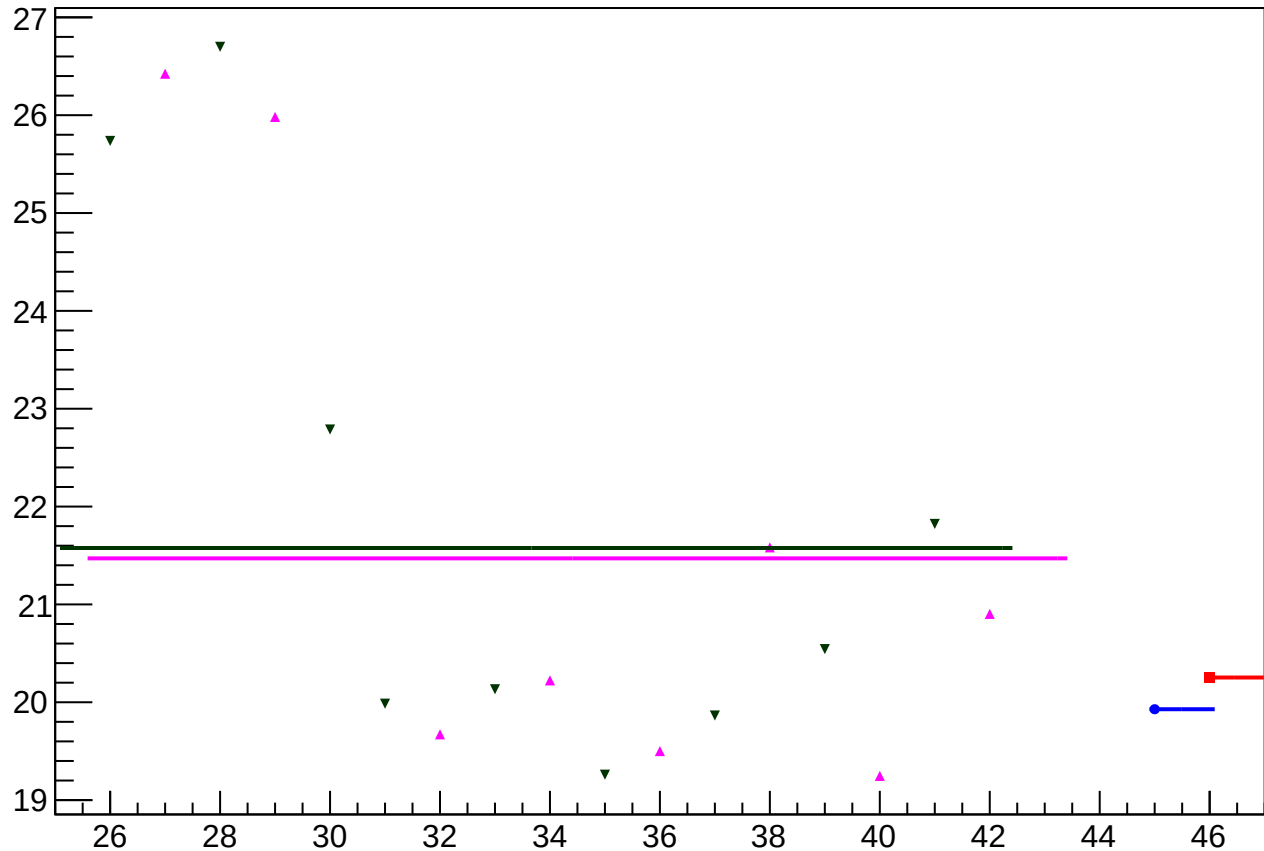
5.423 $\pm$ 9.303 χ^2 /NDF: 4.7/9

Right Out: -24.937 $\pm$ 31.195 χ^2 /NDF: 0.0/0

-1.382 $\pm$ 9.140 χ^2 /NDF: 7.6/8

Left In: 0.830 $\pm$ 9.559 χ^2 /NDF: 7.0/7

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 19.929 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF:118812.1/8

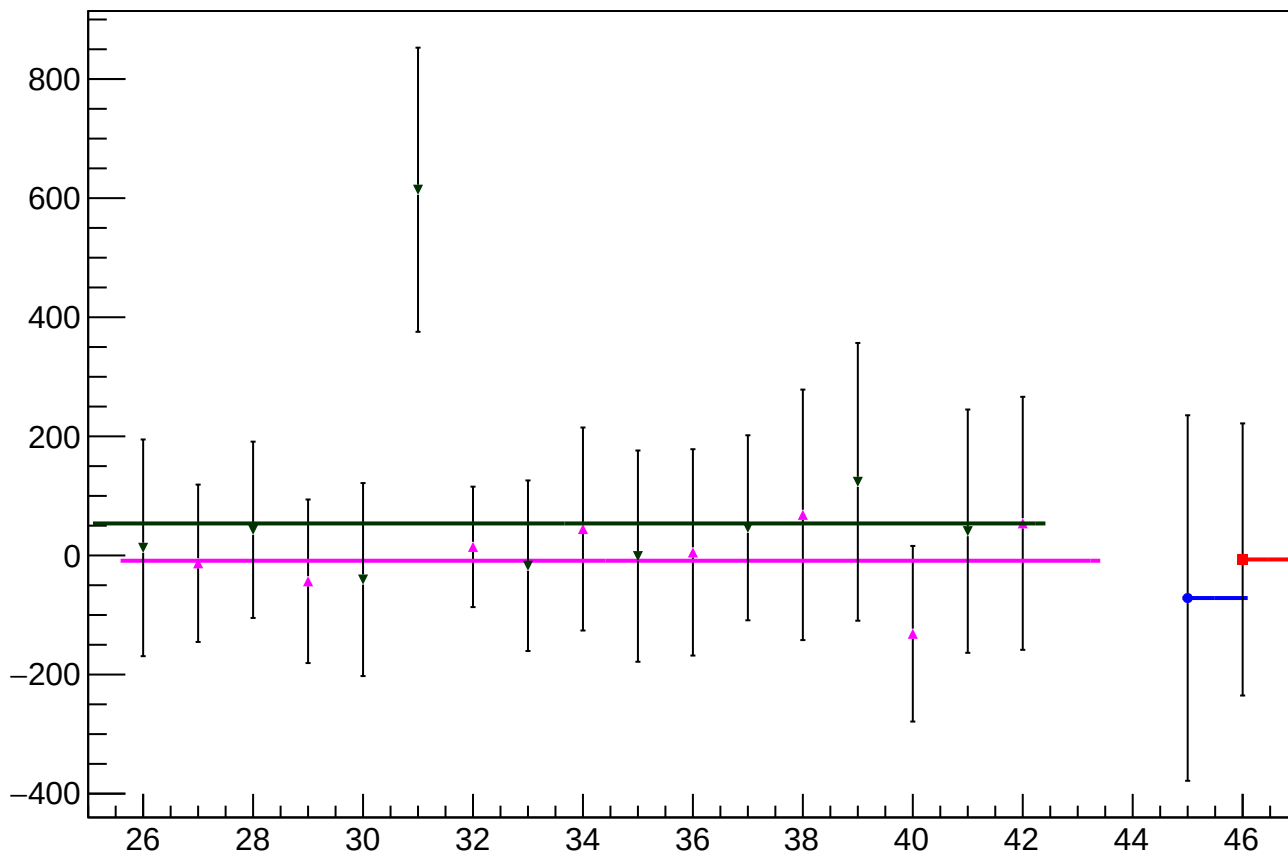
Right Out: 20.253 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left In: 21.471 $\pm$ 0.007 χ^2 /NDF:154241.5/7

21.357 $\pm$ 0.007 χ^2 /NDF: 126073.0/9

21.366 $\pm$ 0.006 χ^2 /NDF: 157027.7/8

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -71.504 $\pm$ 306.902 χ^2 /NDF: 0.0/0

Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF:6.3/8

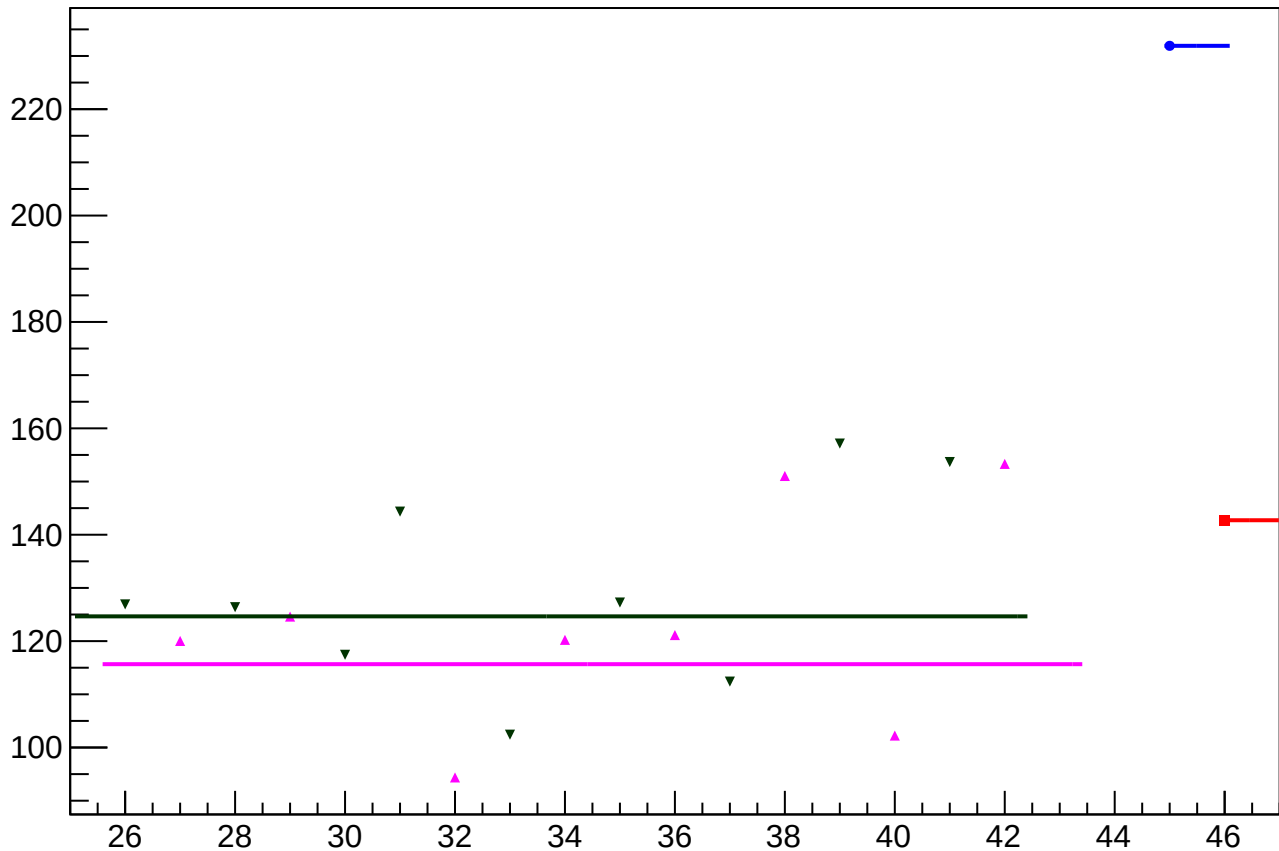
Right Out: -6.728 $\pm$ 228.476 χ^2 /NDF: 0.0/0

Left In: -8.870 $\pm$ 52.228 χ^2 /NDF:1.1/7

49.400 $\pm$ 57.126 χ^2 /NDF: 6.5/9

-8.764 $\pm$ 50.914 χ^2 /NDF: 1.1/8

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 231.908 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Left Out: 124.654 $\pm$ 0.041 χ^2 /NDF:158453.5/8

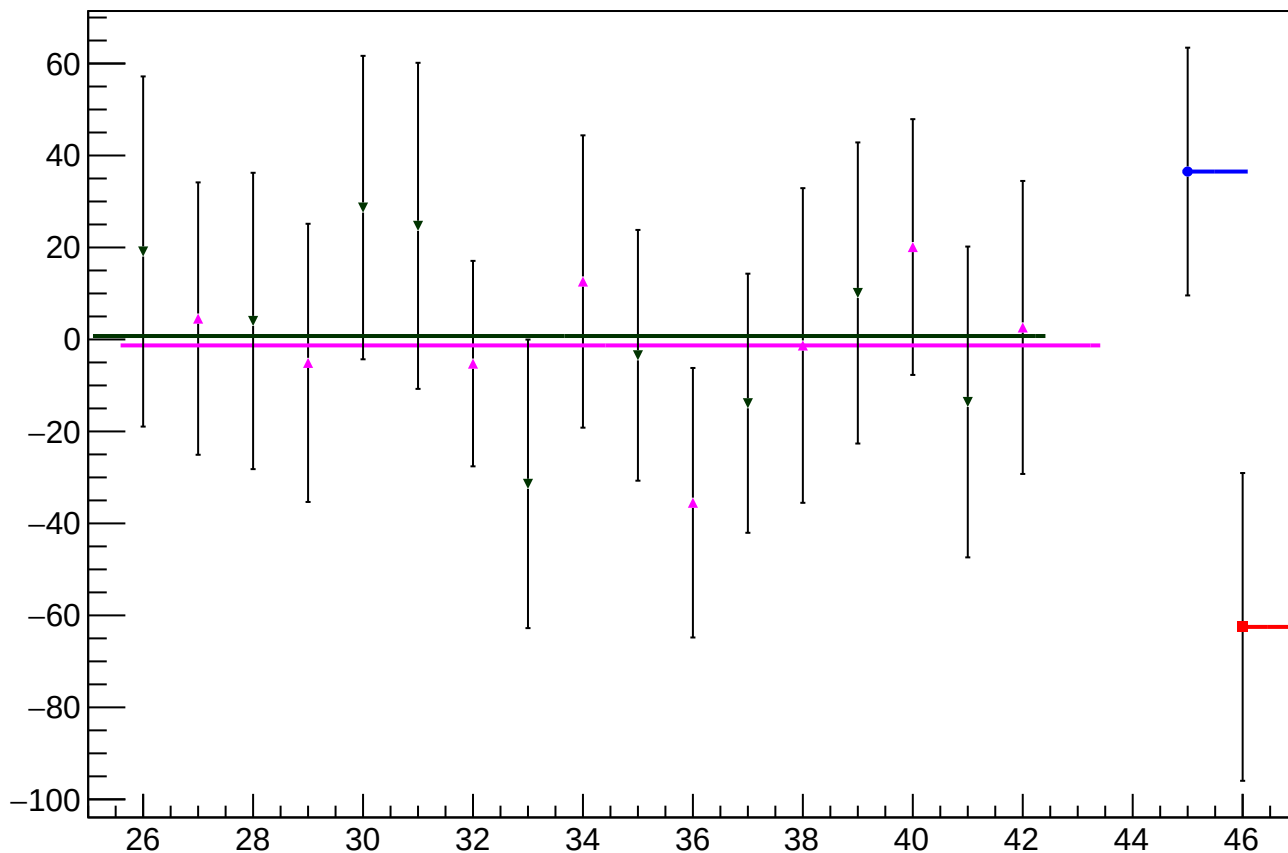
128.370 $\pm$ 0.040 χ^2 /NDF: 394253.1/9

Right Out: 142.724 $\pm$ 0.162 χ^2 /NDF: 0.0/0

117.010 $\pm$ 0.036 χ^2 /NDF: 265417.7/8

Left In: 115.666 $\pm$ 0.037 χ^2 /NDF:238759.2/7

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 36.508 $\pm$ 26.937 χ^2 /NDF: 0.0/0

Left Out: 0.747 $\pm$ 10.661 χ^2 /NDF:3.0/8

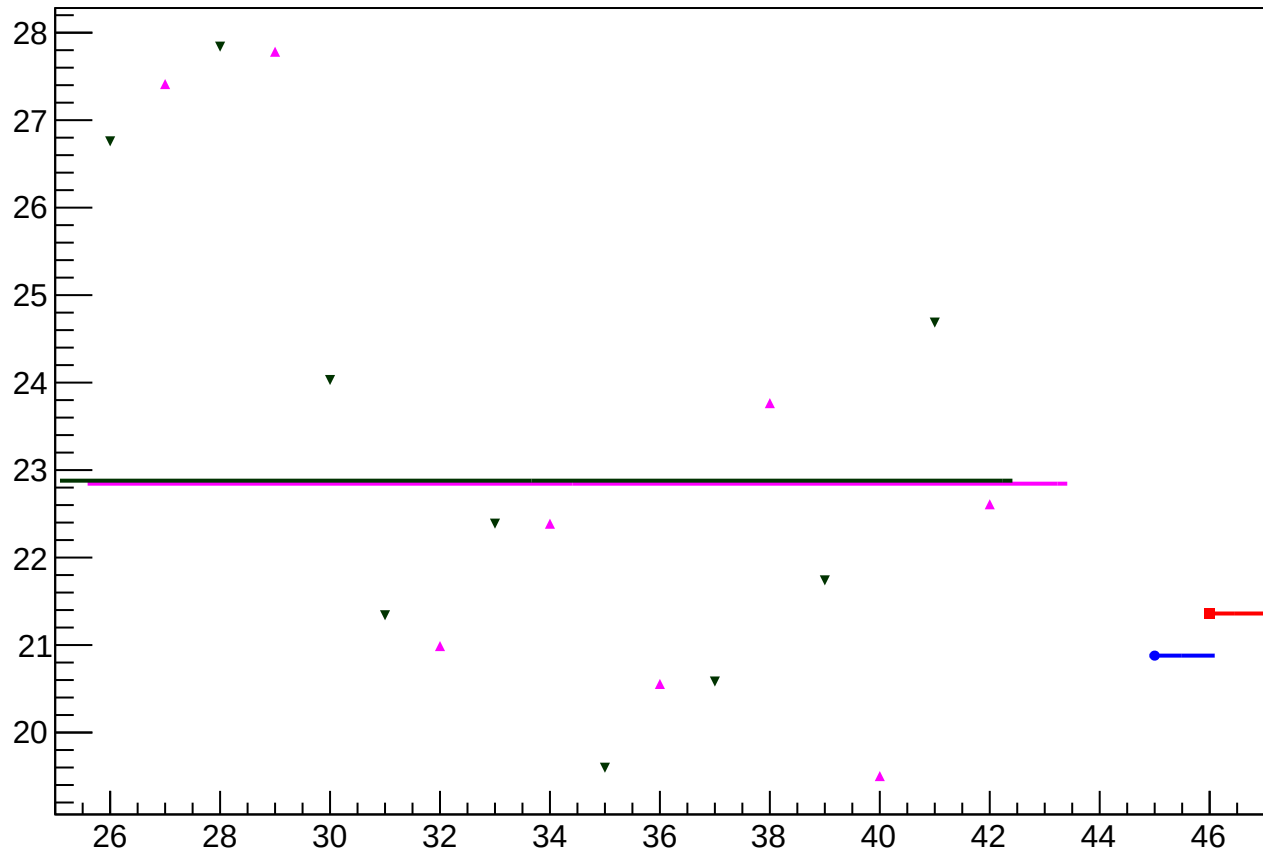
Right Out: -62.507 $\pm$ 33.461 χ^2 /NDF: 0.0/0

Left In: -1.298 $\pm$ 10.246 χ^2 /NDF:2.2/7

5.590 $\pm$ 9.913 χ^2 /NDF: 4.5/9

-6.545 $\pm$ 9.797 χ^2 /NDF: 5.3/8

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.879+/-0.019 χ^2 /NDF: 0.0/0

Left Out: 22.879+/-0.008 χ^2 /NDF:125279.7/8

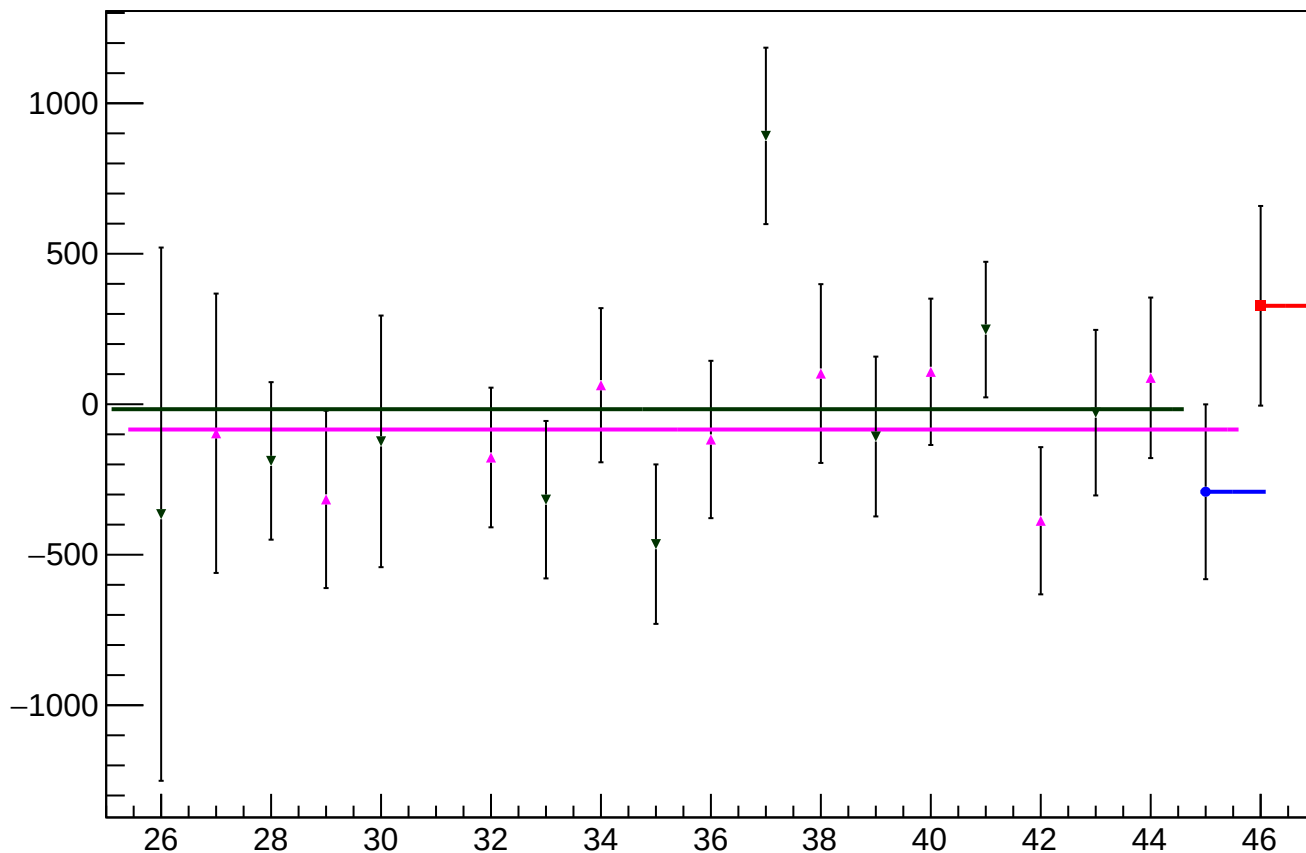
22.608+/-0.007 χ^2 /NDF: 134811.2/9

Right Out: 21.360+/-0.024 χ^2 /NDF: 0.0/0

22.717+/-0.007 χ^2 /NDF: 161387.9/8

Left In: 22.845+/-0.007 χ^2 /NDF:157790.8/7

asym_sam_15_avg_mean vs slug



Right In: -290.827+/-290.442 χ^2 /NDF: 0.0/0

Left Out: -16.498+/-95.684 χ^2 /NDF:15.9/8

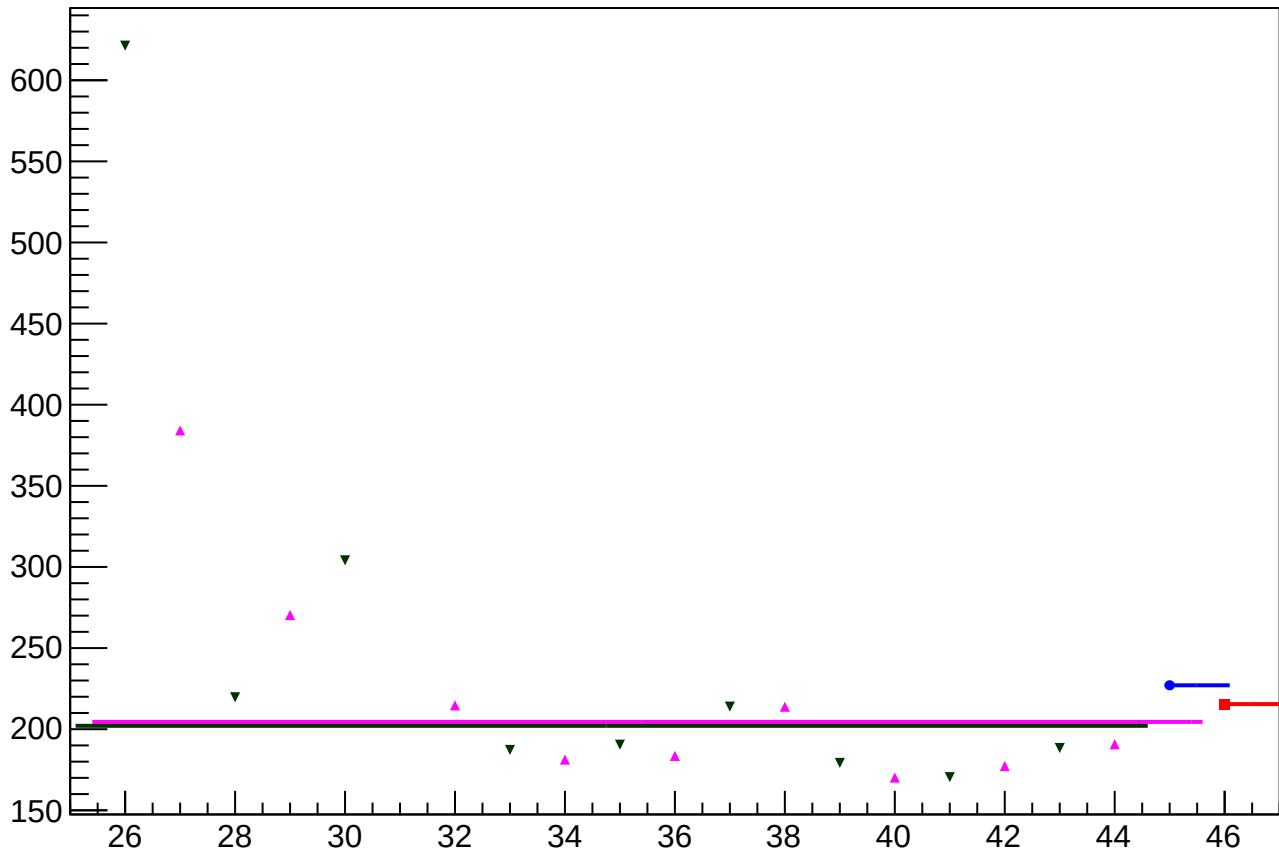
Right Out: 327.060+/-331.700 χ^2 /NDF: 0.0/0

Left In: -83.982+/-89.928 χ^2 /NDF:4.1/8

-43.356+/-90.879 χ^2 /NDF: 16.7/9

-55.838+/-86.795 χ^2 /NDF: 5.5/9

asym_sam_15_avg_rms vs slug



Right In: 227.064+/-0.205 χ^2/NDF : 0.0/0

Left Out: 202.088+/-0.068 χ^2/NDF : 648842.0/8

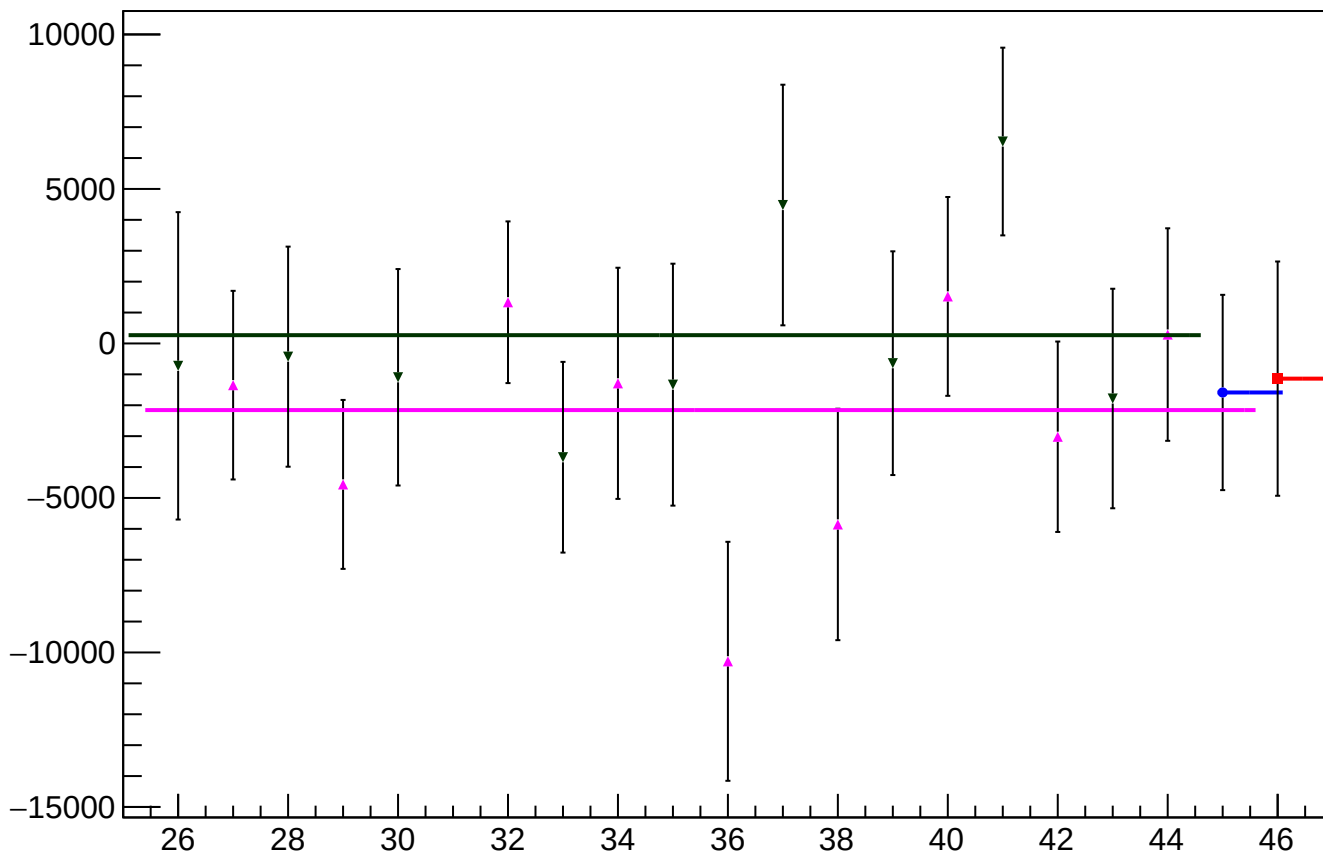
204.533+/-0.064 χ^2/NDF : 662183.5/9

Right Out: 215.484+/-0.235 χ^2/NDF : 0.0/0

205.249+/-0.061 χ^2/NDF : 506909.7/9

Left In: 204.496+/-0.064 χ^2/NDF : 504865.3/8

asym_sam_26_avg_mean vs slug



Right In: -1586.621+/-3159.959 χ^2 /NDF: 0.0/0

Left Out: 267.989+/-1194.389 χ^2 /NDF: 7.9/8

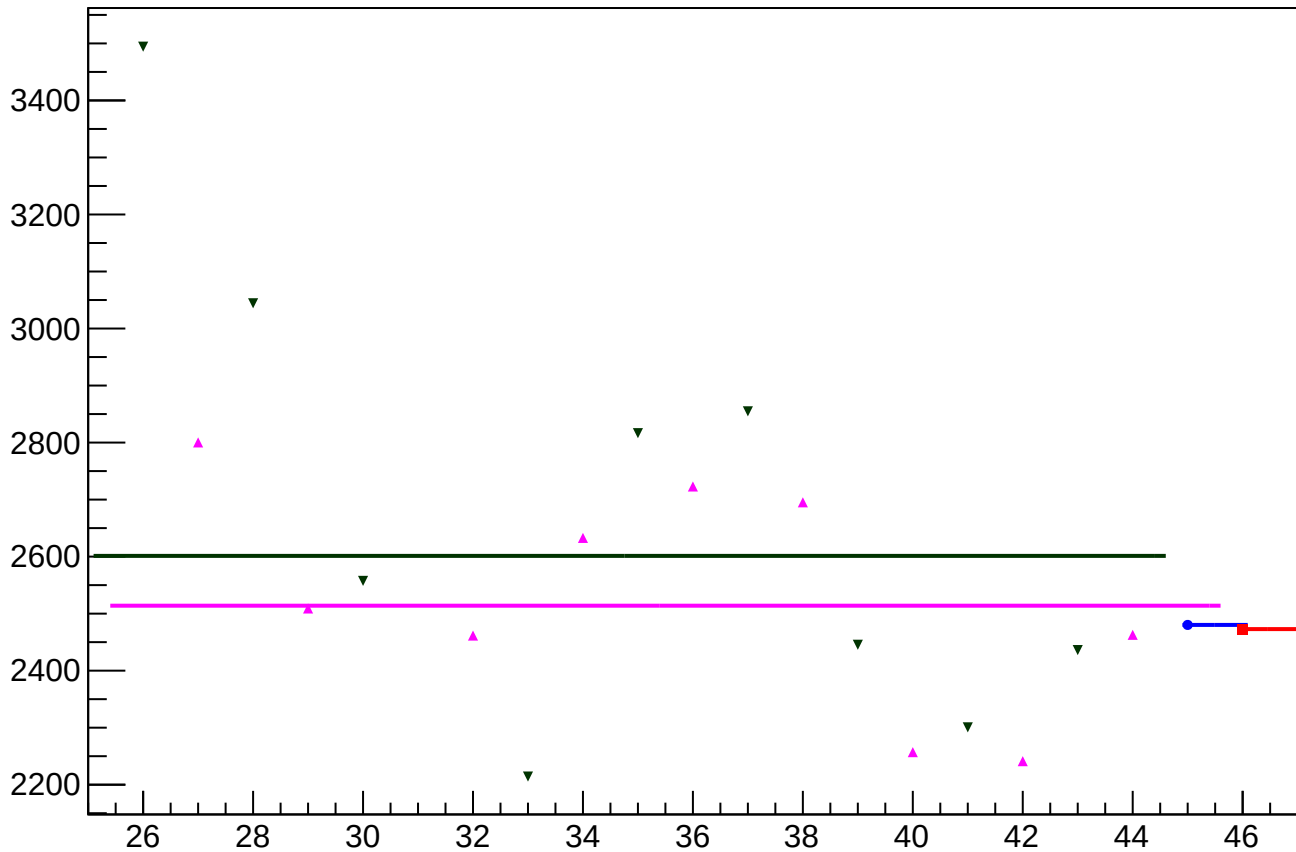
Right Out: -1138.843+/-3790.798 χ^2 /NDF: 0.0/0

Left In: -2156.296+/-1063.957 χ^2 /NDF: 10.0/8

36.150+/-1117.245 χ^2 /NDF: 8.2/9

-2081.999+/-1024.374 χ^2 /NDF: 10.0/9

asym_sam_26_avg_rms vs slug



Right In: 2480.212+/-2.234 χ^2/NDF : 0.0/0

Left Out: 2601.288+/-0.845 χ^2/NDF :169348.6/8

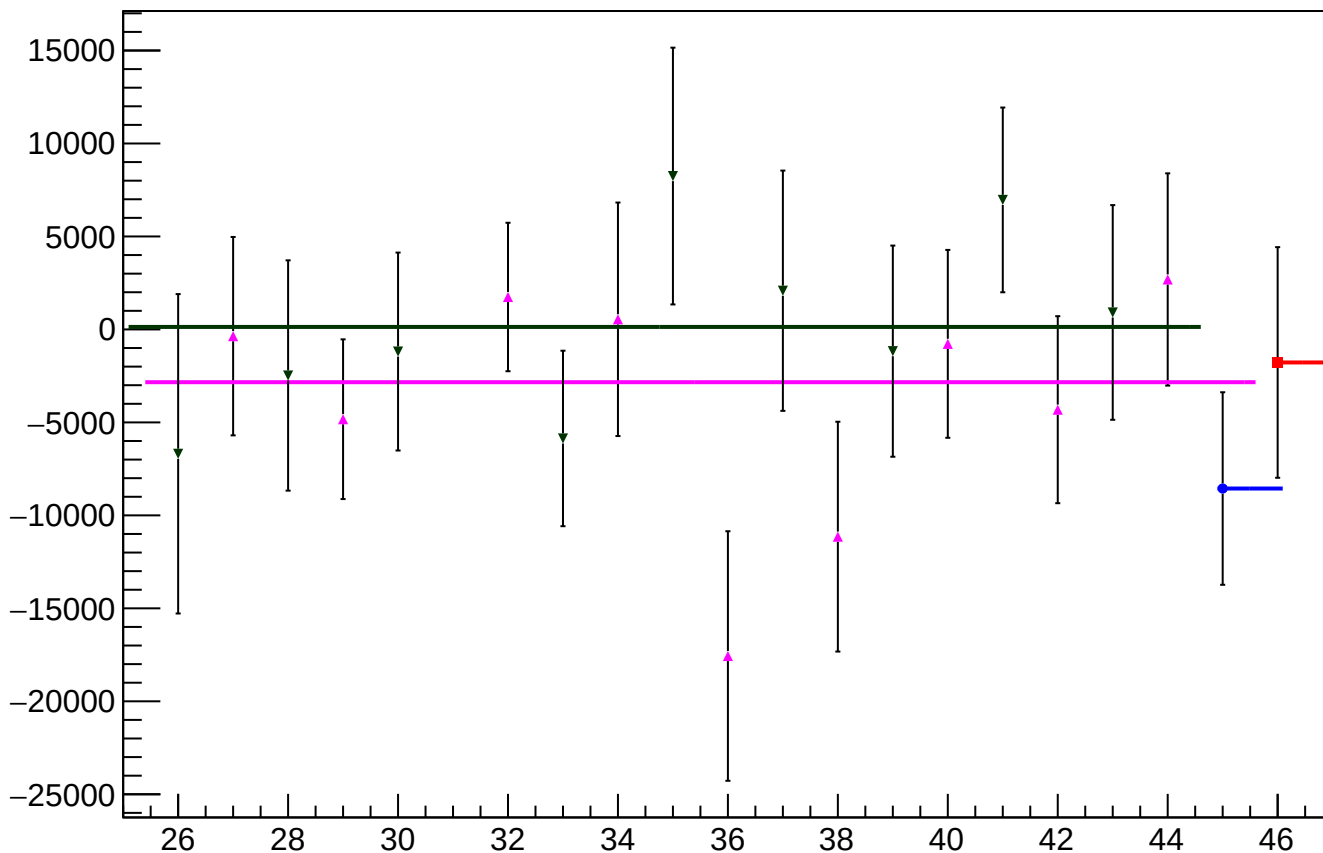
Right Out: 2472.887+/-2.680 χ^2/NDF : 0.0/0

Left In: 2513.941+/-0.752 χ^2/NDF :59816.2/8

2586.153+/-0.790 χ^2/NDF : 171917.8/9

2510.943+/-0.724 χ^2/NDF : 60033.6/9

asym_sam_37_avg_mean vs slug



Right In: -8556.320+/-5177.465 χ^2 /NDF: 0.0/0

Left Out: 134.076+/-1937.759 χ^2 /NDF:5.9/8

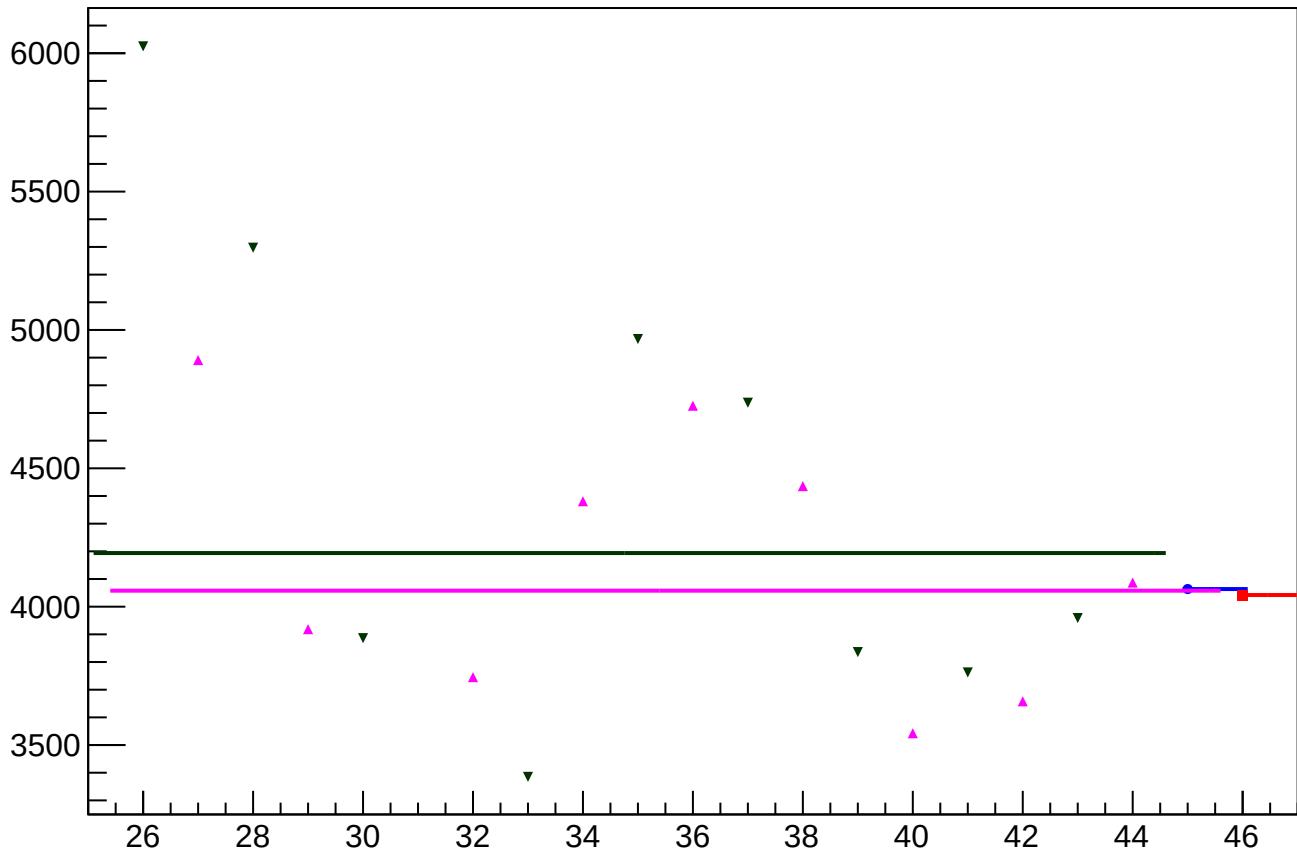
Right Out: -1776.595+/-6201.580 χ^2 /NDF: 0.0/0

Left In: -2838.252+/-1727.002 χ^2 /NDF:9.8/8

-933.676+/-1814.816 χ^2 /NDF: 8.4/9

-2761.846+/-1663.697 χ^2 /NDF: 9.9/9

asym_sam_37_avg_rms vs slug



Right In: 4063.698+/-3.661 χ^2/NDF : 0.0/0

Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

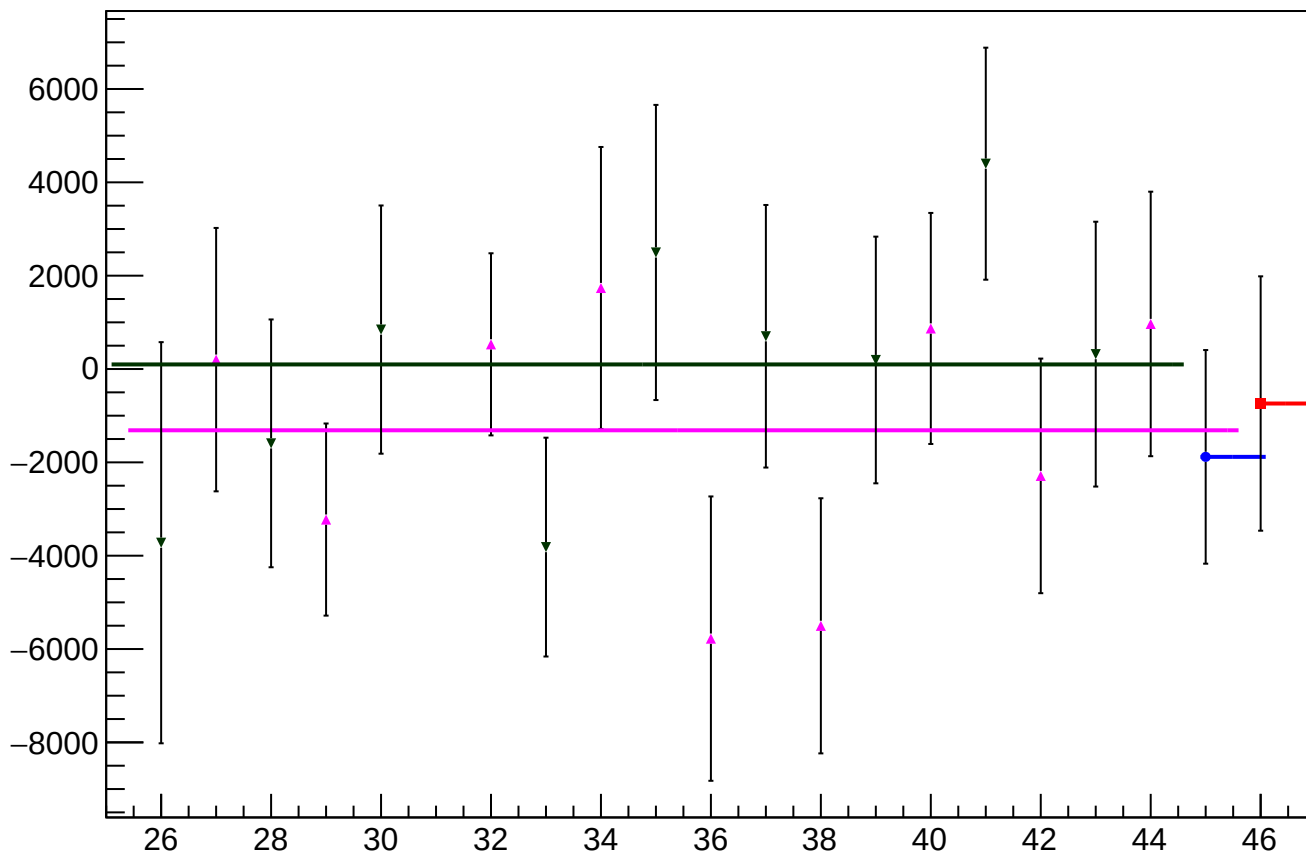
4177.837+/-1.283 χ^2/NDF : 286509.1/9

Right Out: 4042.166+/-4.385 χ^2/NDF : 0.0/0

4056.692+/-1.176 χ^2/NDF : 129264.9/9

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

asym_sam_48_avg_mean vs slug



Right In: -1882.417+/-2288.863 χ^2/NDF : 0.0/0

Left Out: 98.183+/-922.560 χ^2/NDF : 7.7/8

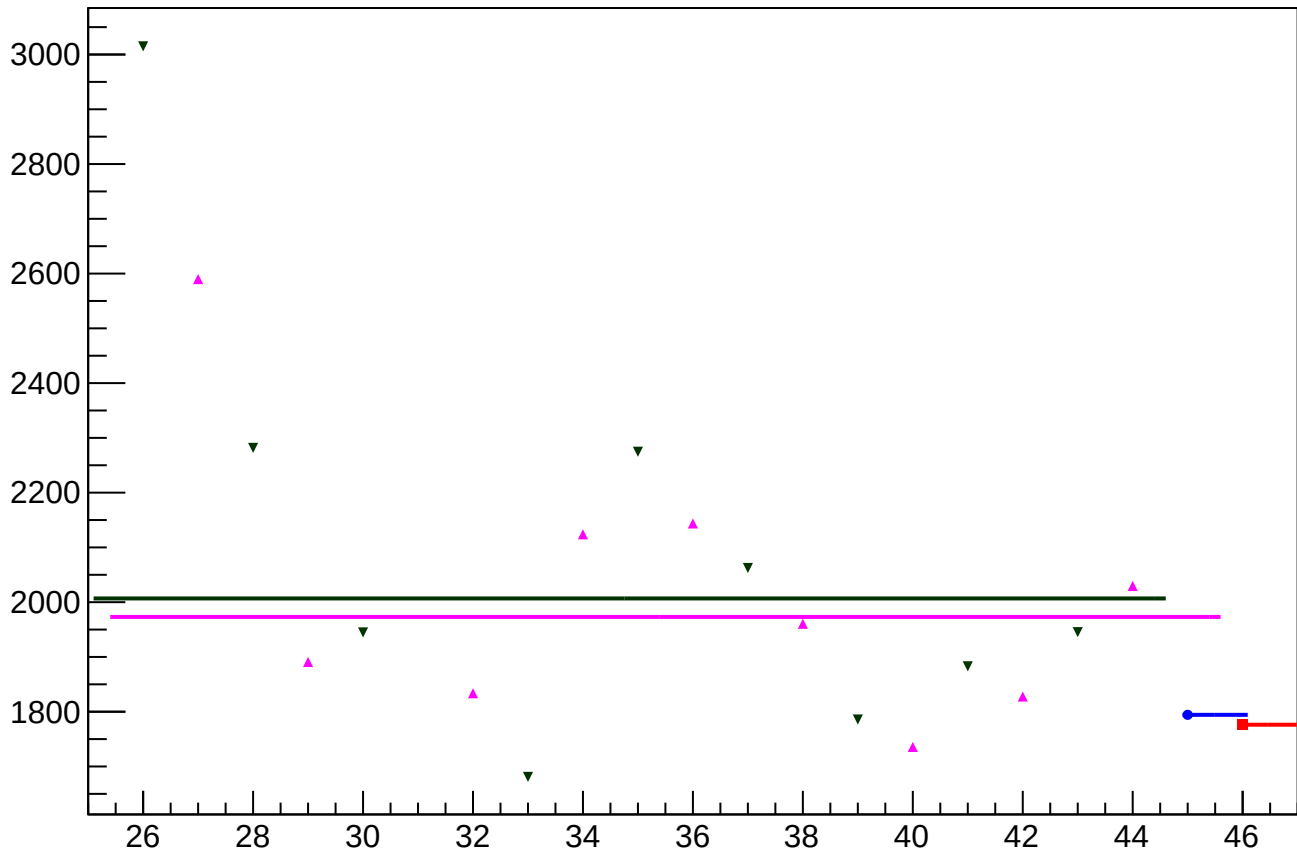
Right Out: -739.306+/-2725.204 χ^2/NDF : 0.0/0

Left In: -1313.019+/-838.748 χ^2/NDF : 9.1/8

-178.618+/-855.668 χ^2/NDF : 8.3/9

-1263.376+/-801.639 χ^2/NDF : 9.2/9

asym_sam_48_avg_rms vs slug



Right In: 1794.289+/-1.618 χ^2/NDF : 0.0/0

Left Out: 2006.811+/-0.652 χ^2/NDF : 206242.3/8

Right Out: 1776.242+/-1.927 χ^2/NDF : 0.0/0

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

1977.110+/-0.605 χ^2/NDF : 221075.0/9

1956.046+/-0.567 χ^2/NDF : 155687.6/9

yield_sam_15_avg_mean vs slug



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

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

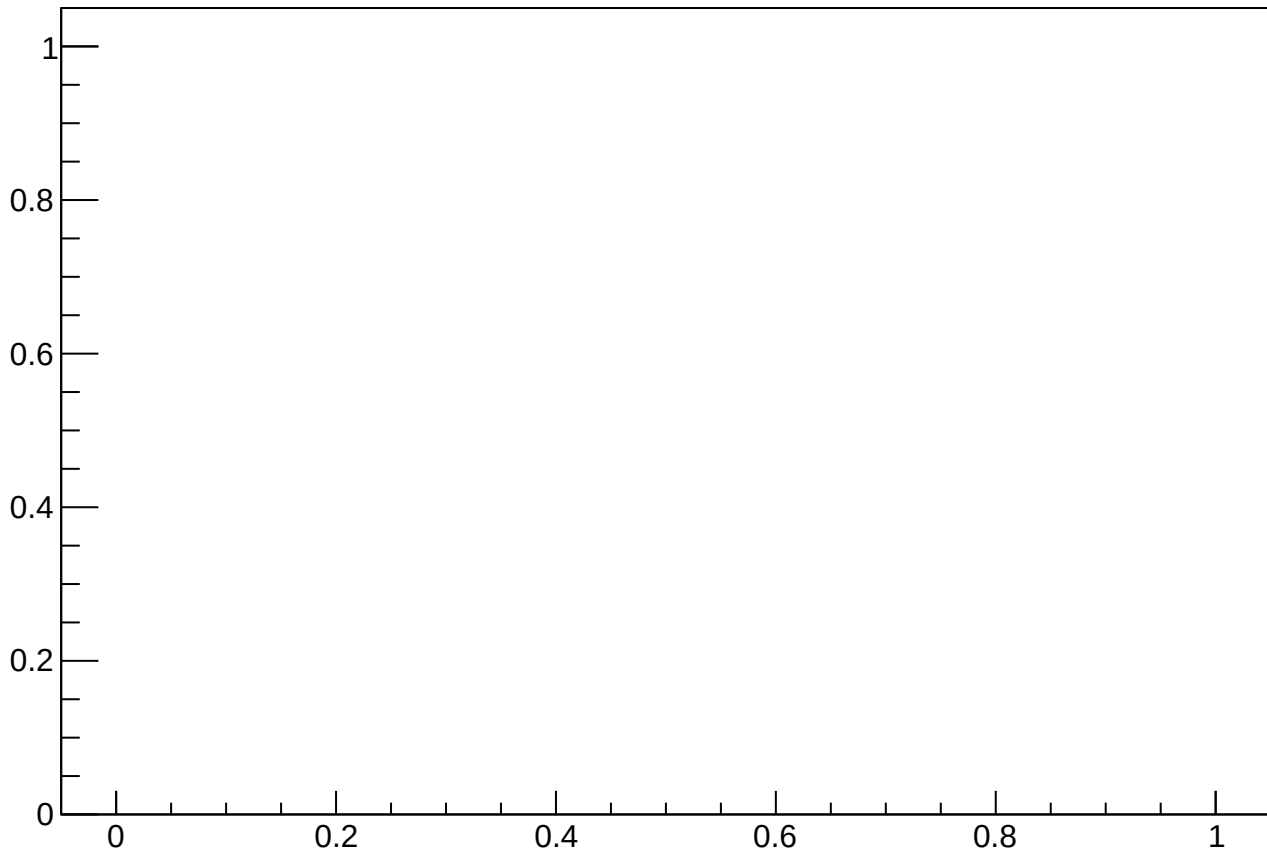
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

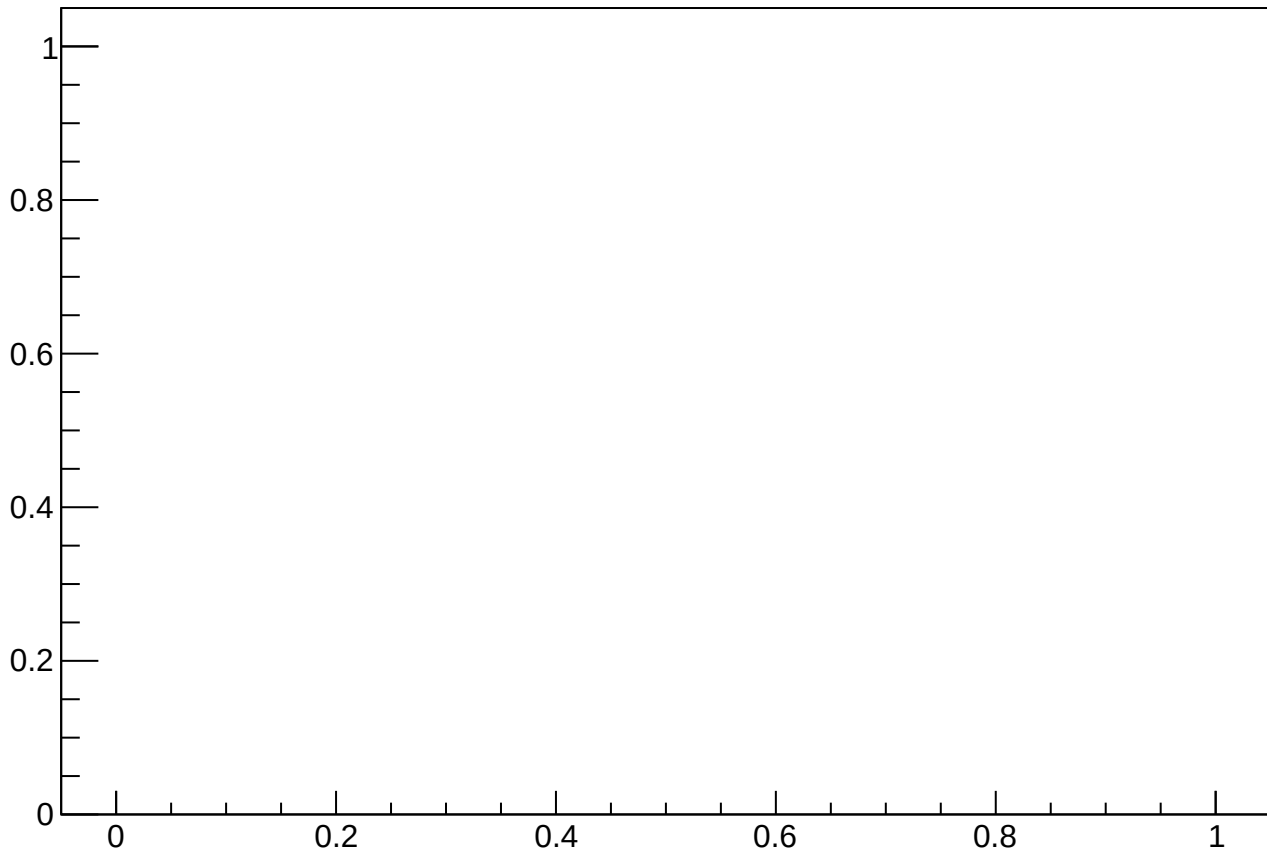
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

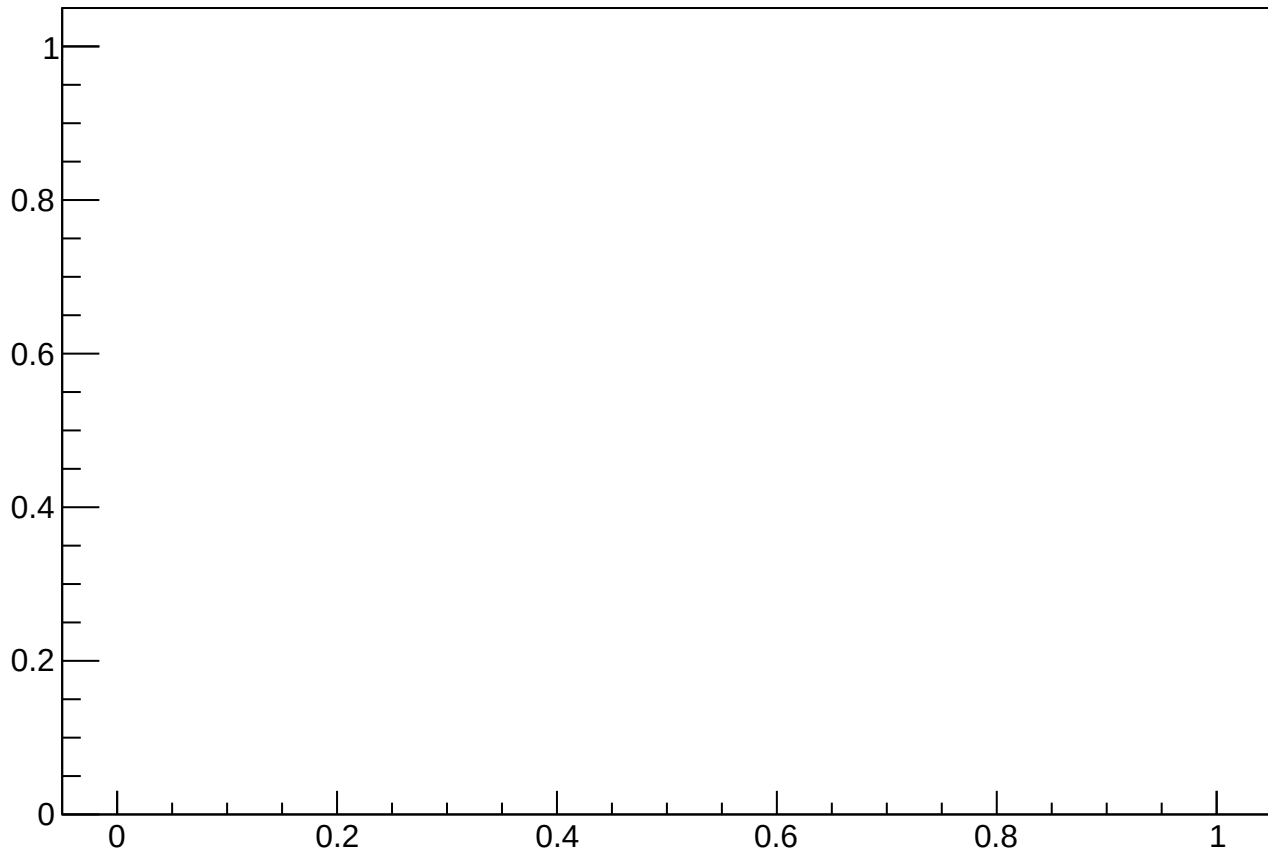
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

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

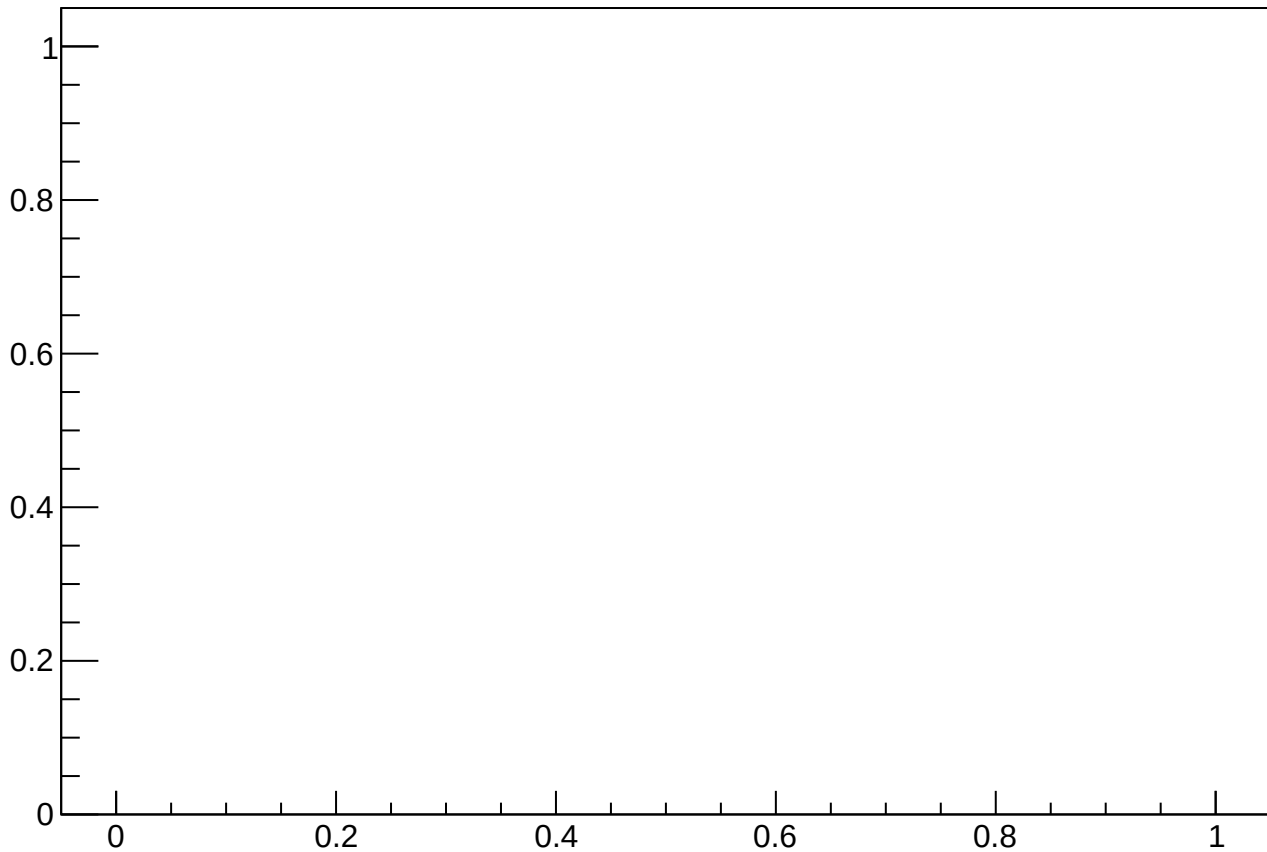
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

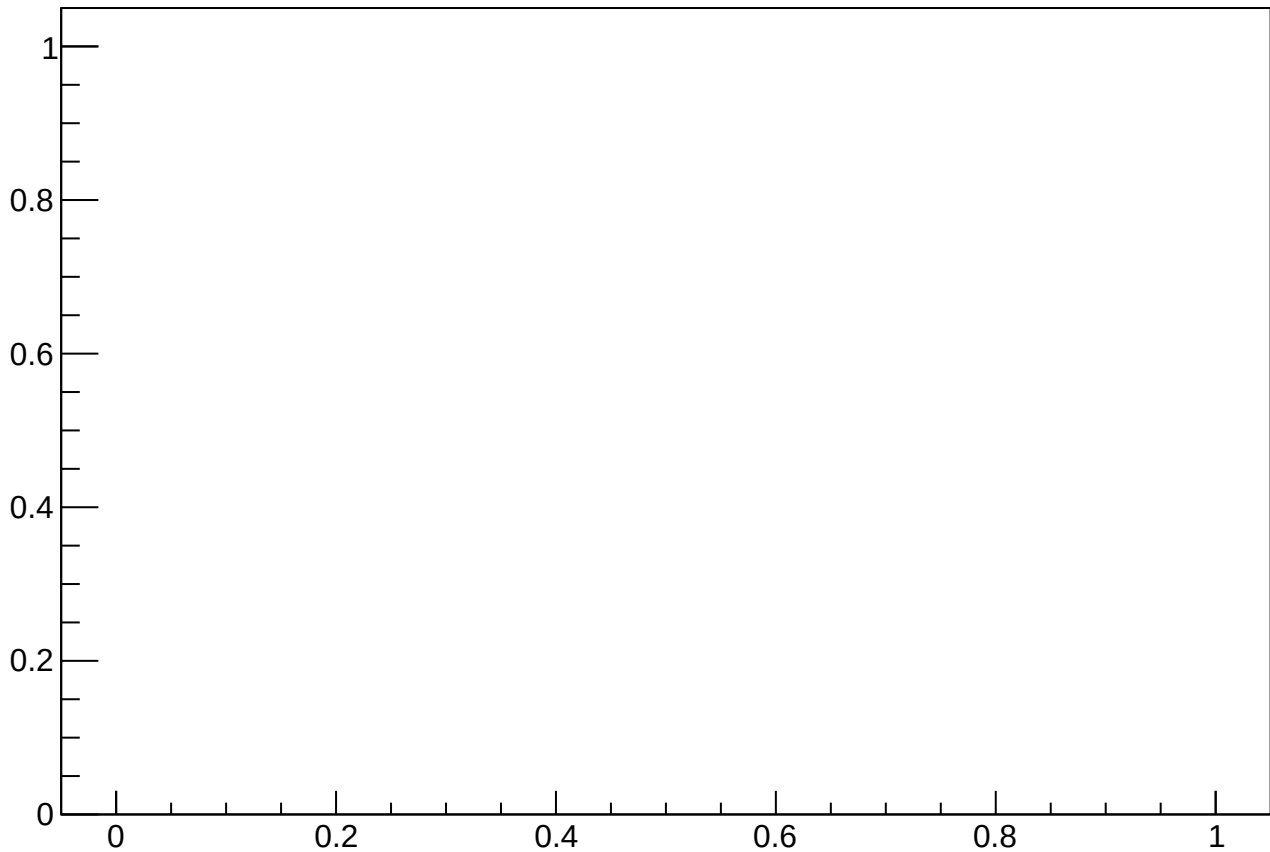
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_rms vs slug



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

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

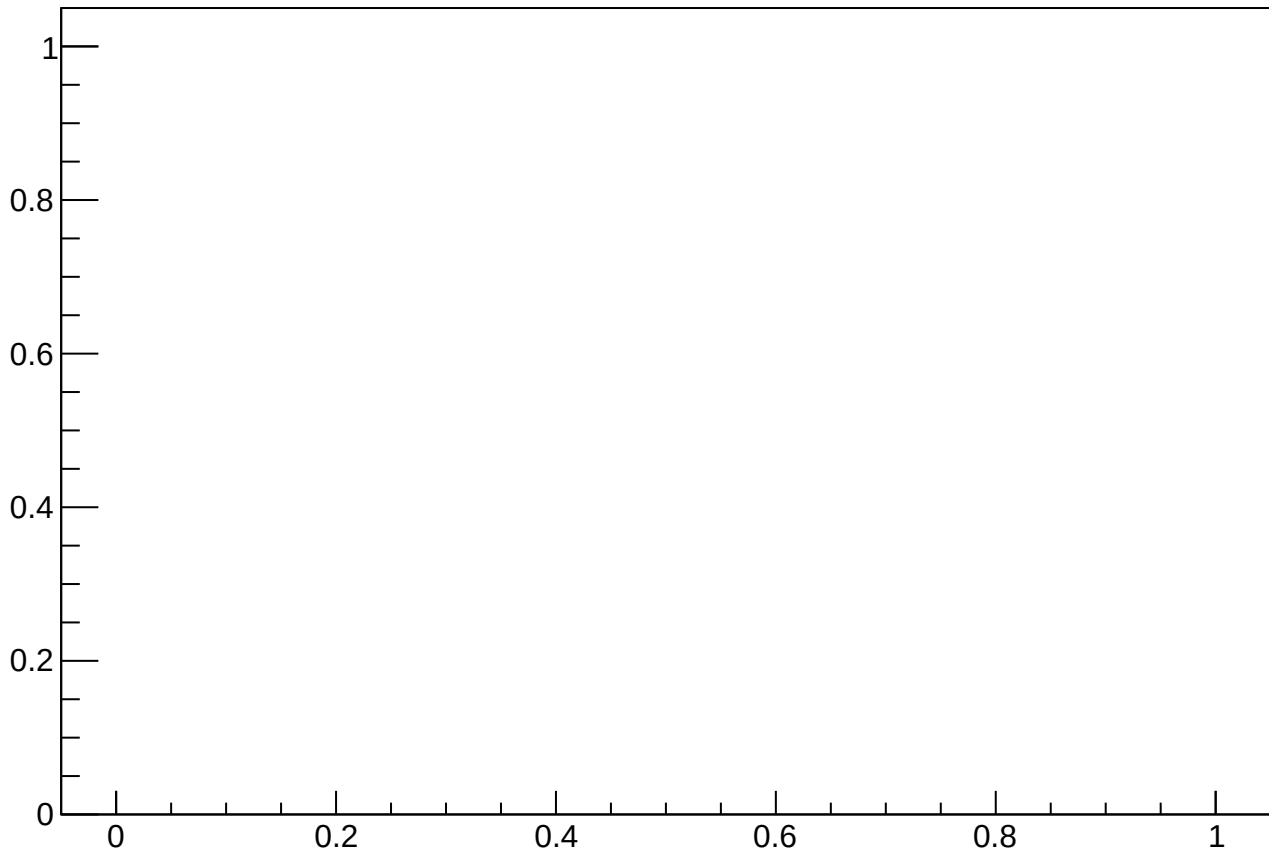
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

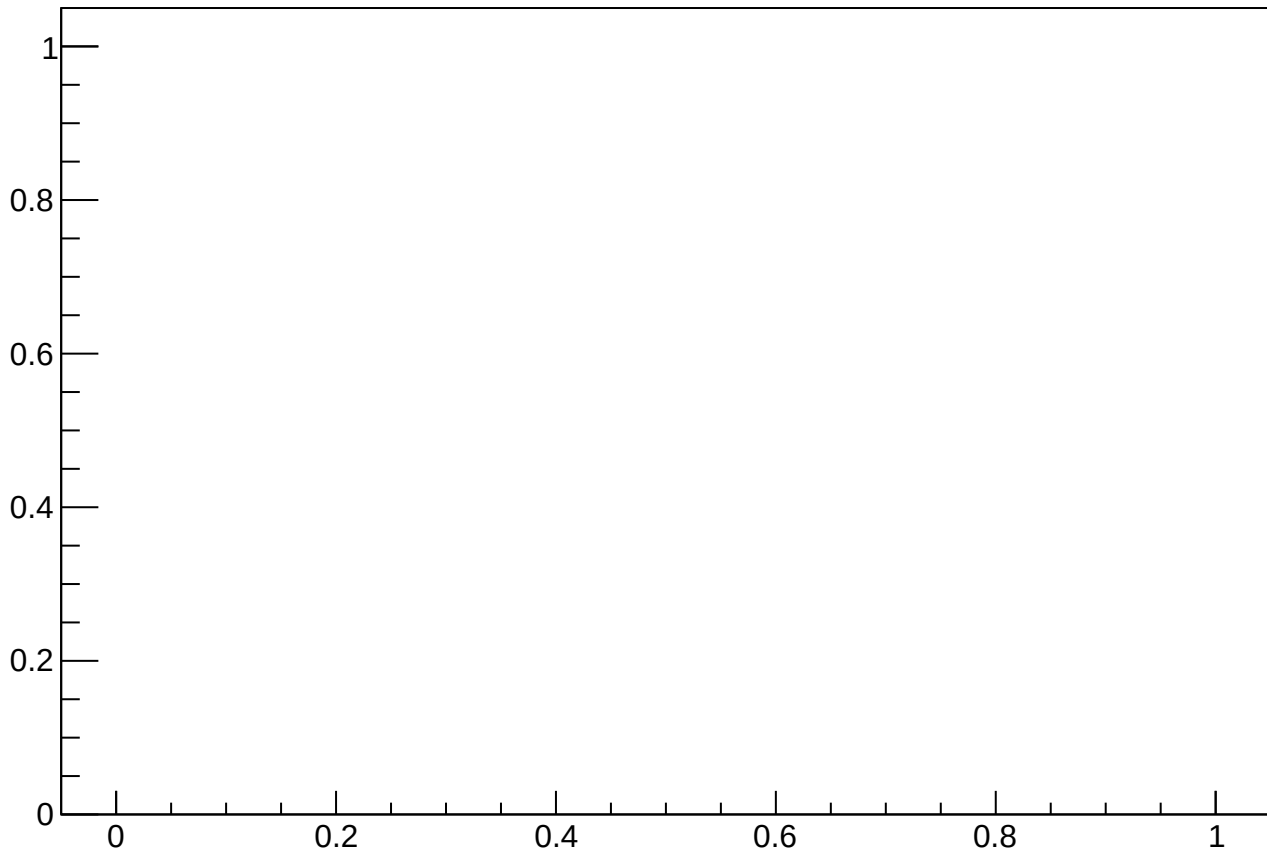
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

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

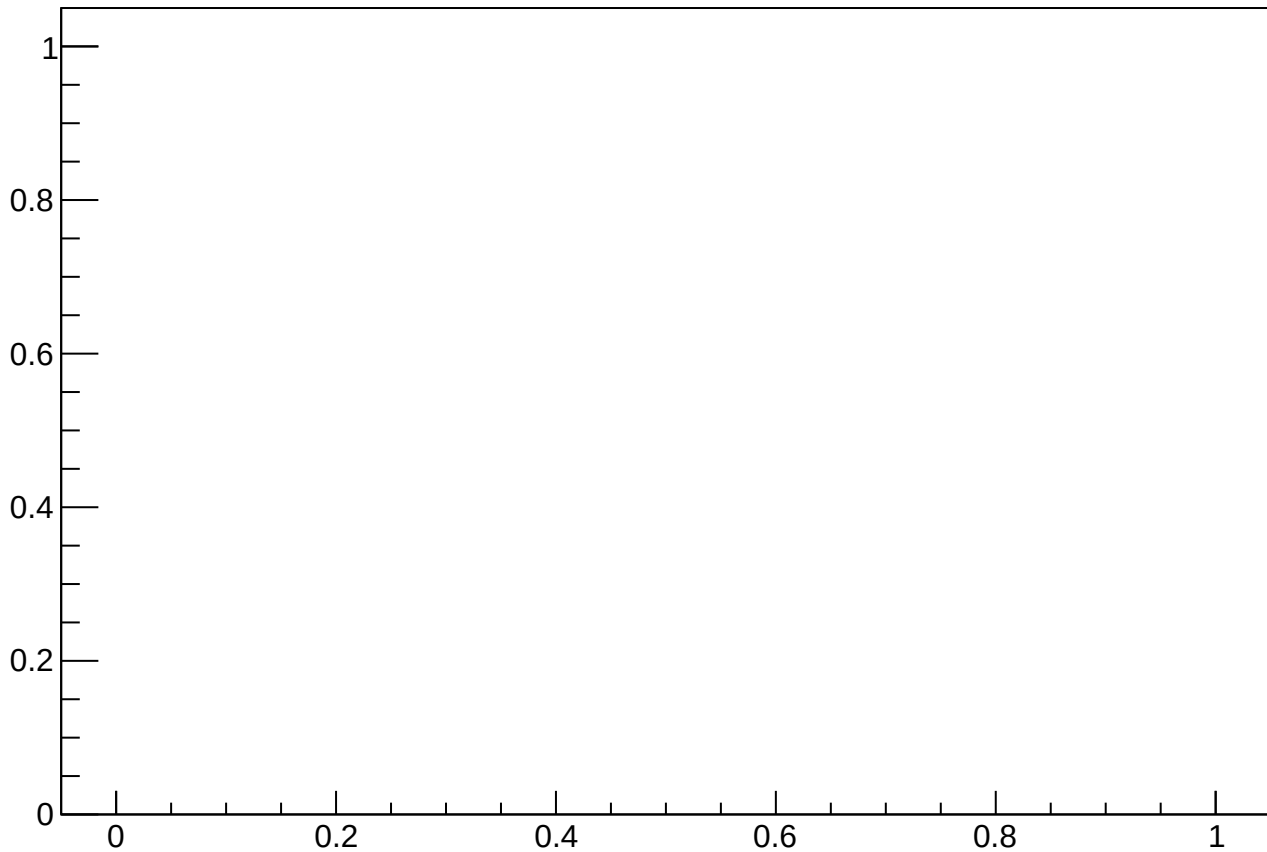
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

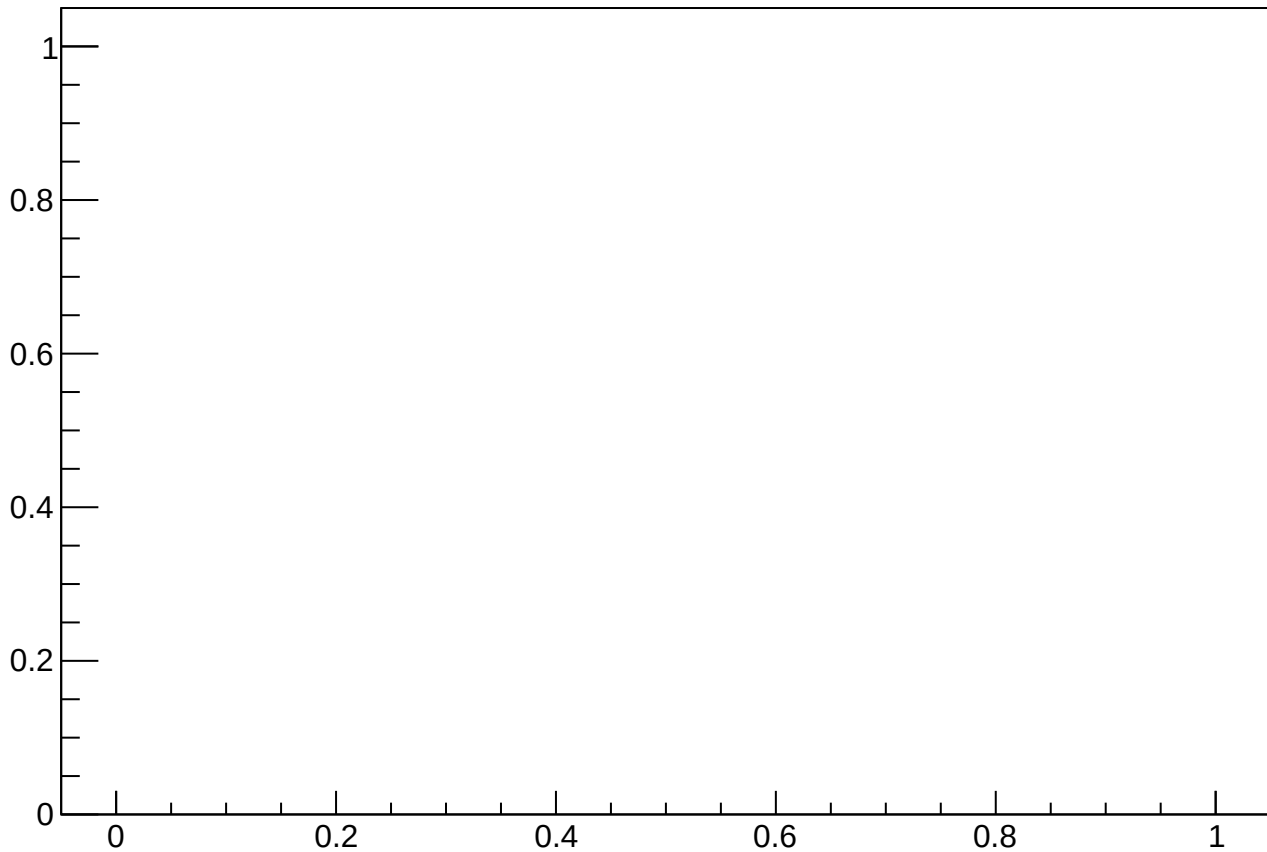
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

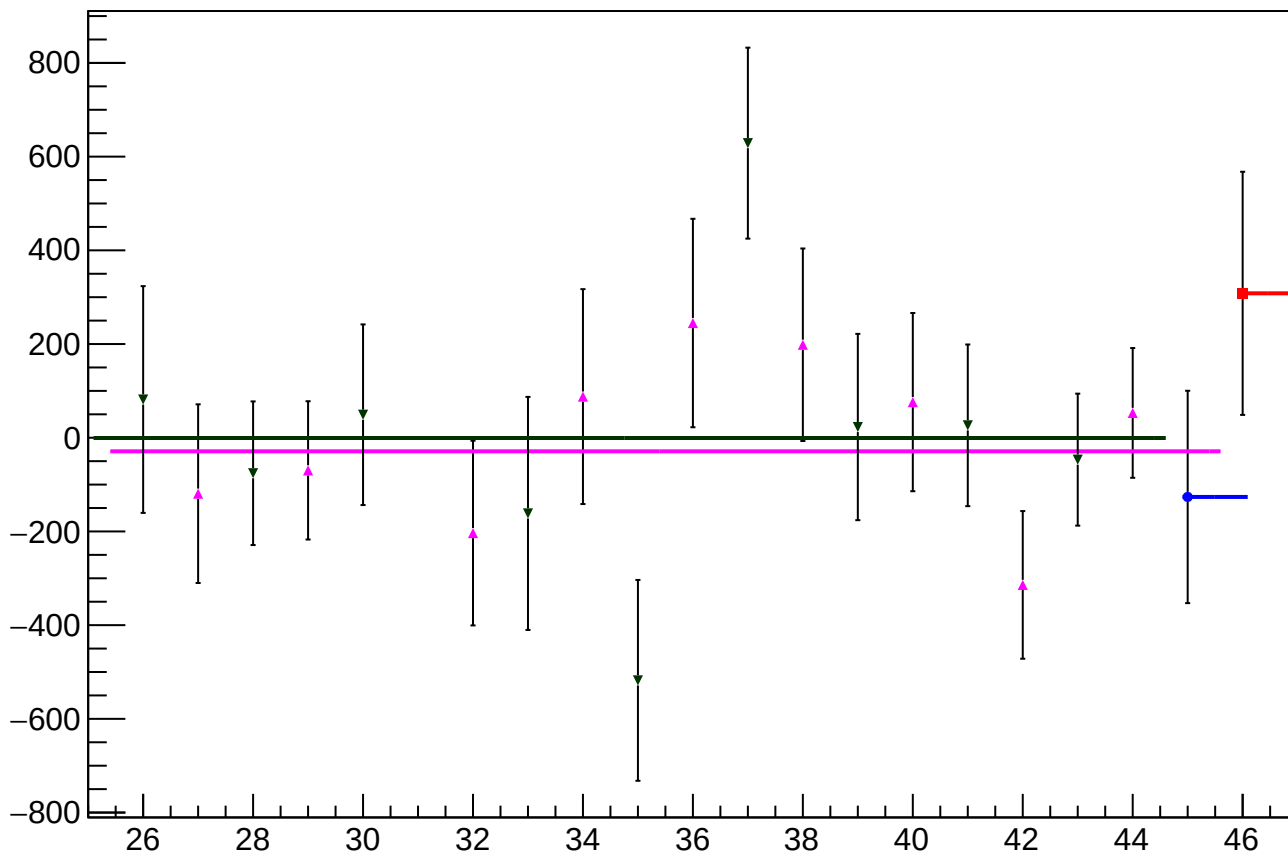
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -126.368+/-226.633 χ^2/NDF : 0.0/0

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

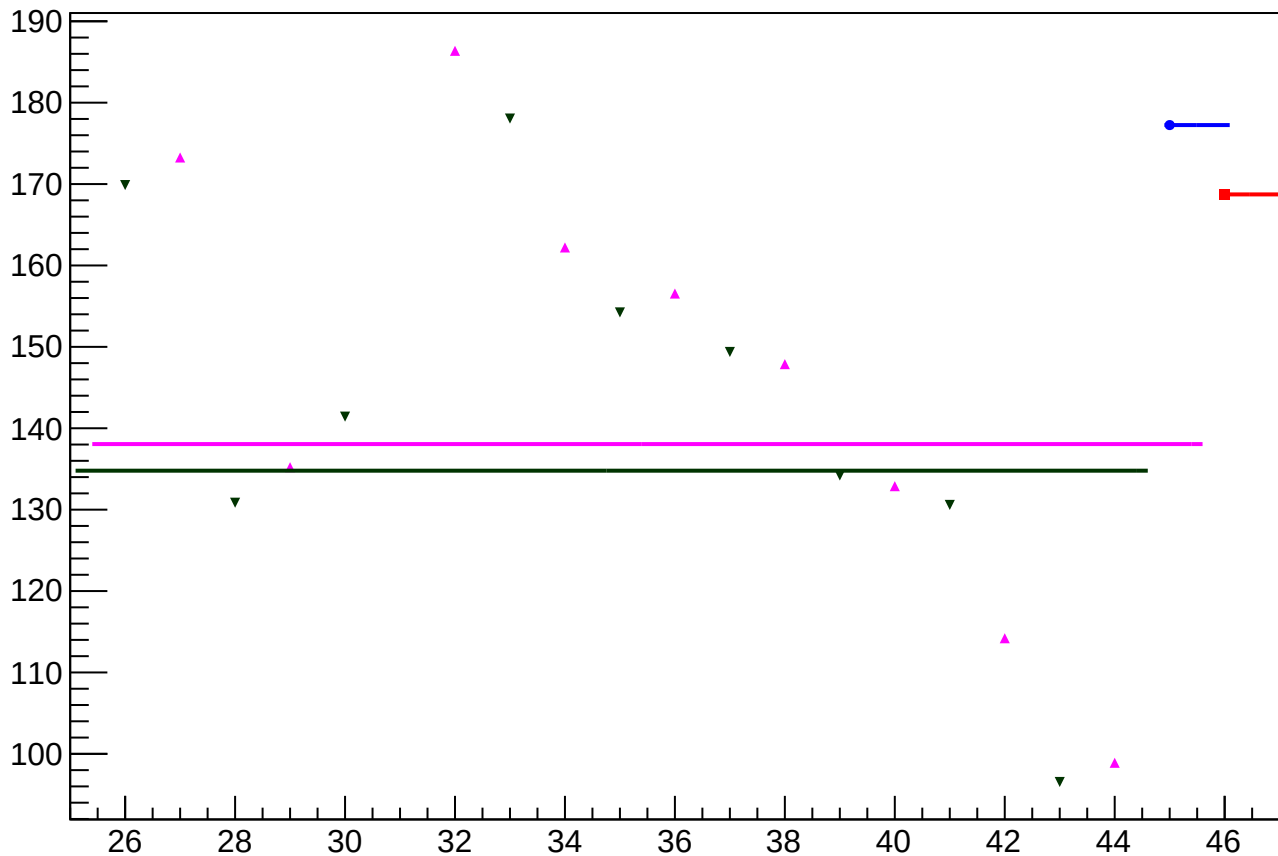
Right Out: 308.254+/-259.482 χ^2/NDF : 0.0/0

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

-9.382+/-60.049 χ^2/NDF : 16.6/9

-12.124+/-58.029 χ^2/NDF : 9.6/9

reg_asym_sam_15_avg_rms vs slug



Right In: 177.248 $\pm$ 0.160 χ^2 /NDF: 0.0/0

Left Out: 134.788 $\pm$ 0.044 χ^2 /NDF:281610.1/8

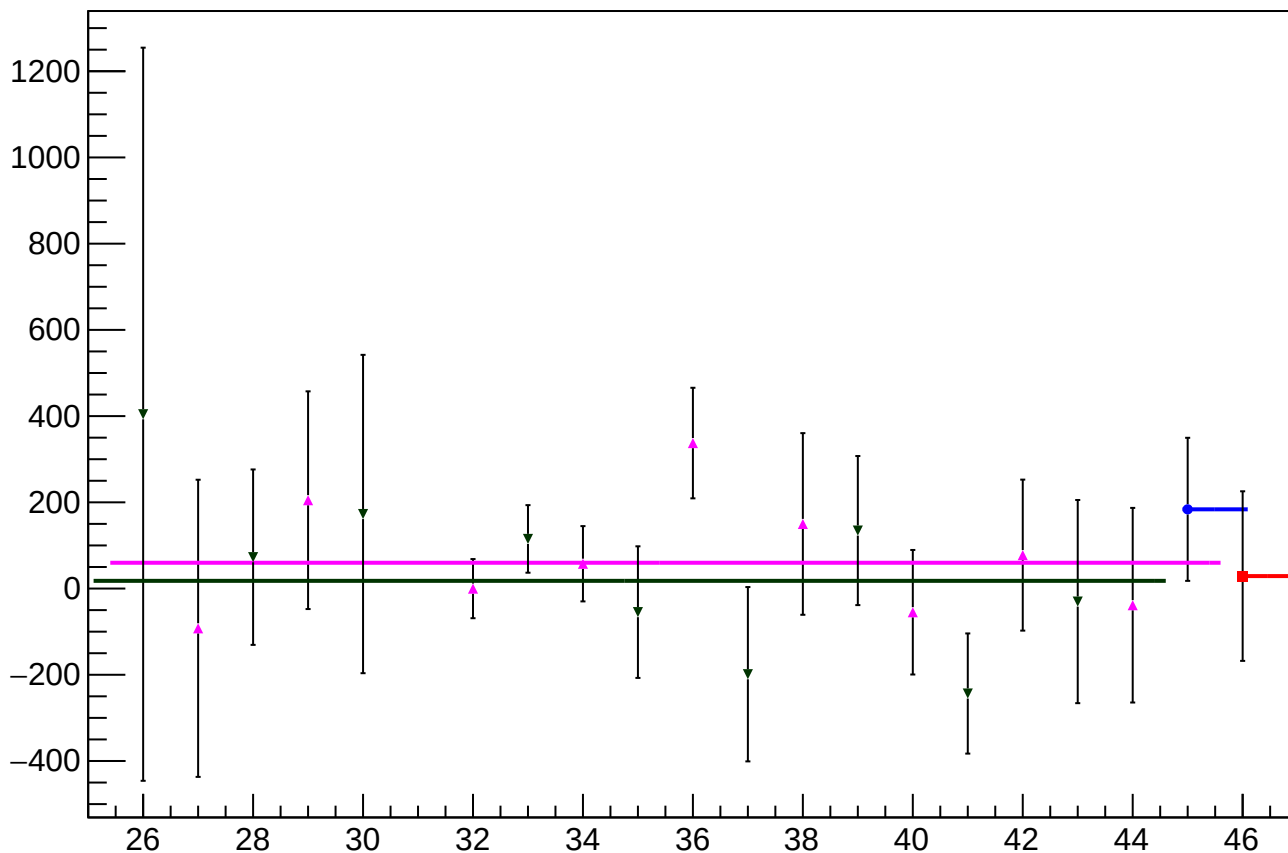
137.769 $\pm$ 0.042 χ^2 /NDF: 346882.1/9

Right Out: 168.729 $\pm$ 0.183 χ^2 /NDF: 0.0/0

139.591 $\pm$ 0.041 χ^2 /NDF: 463571.5/9

Left In: 138.057 $\pm$ 0.042 χ^2 /NDF:437023.6/8

asym_sam_15_avg_correction_mean vs slug



Right In: 183.760+/-165.930 χ^2/NDF : 0.0/0

Left Out: 17.872+/-52.271 χ^2/NDF : 7.4/8

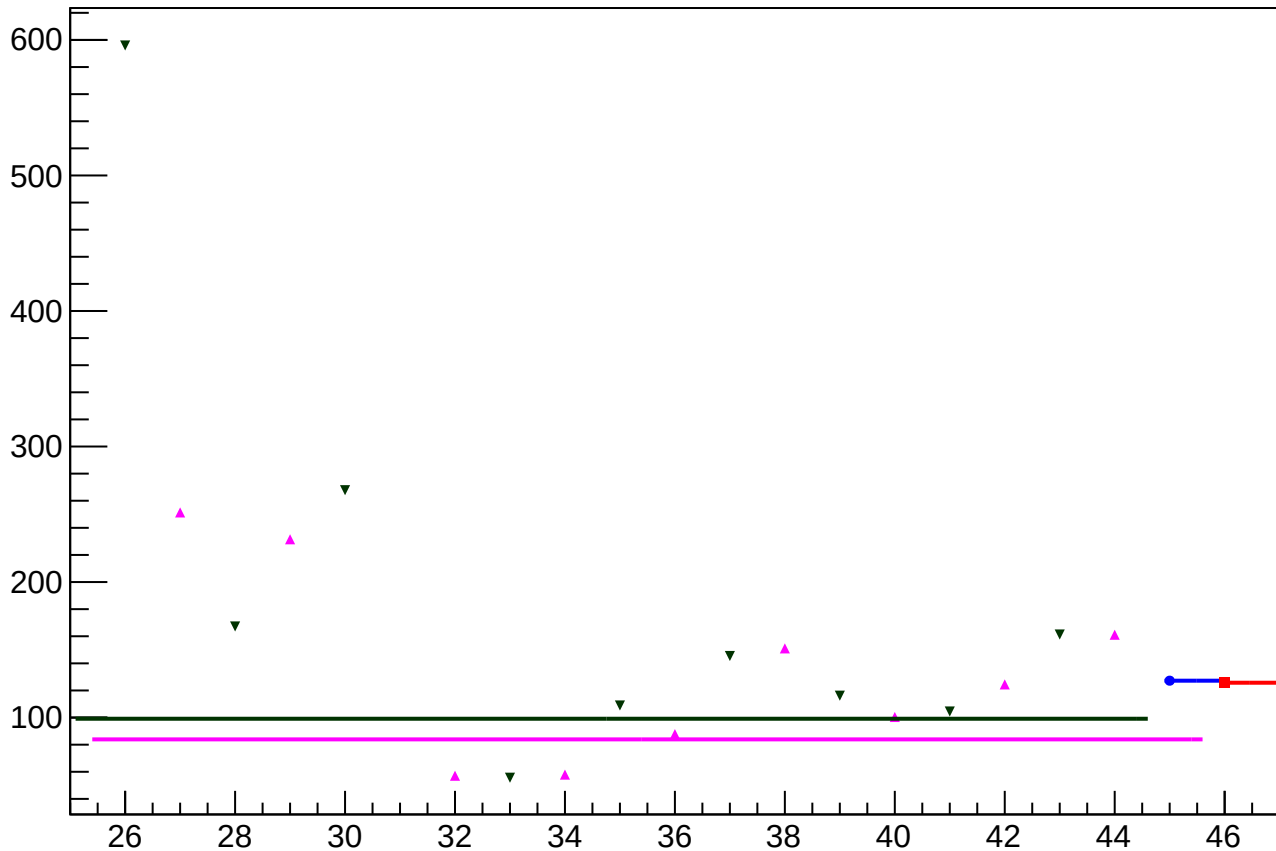
Right Out: 28.912+/-196.684 χ^2/NDF : 0.0/0

Left In: 59.828+/-42.594 χ^2/NDF : 7.0/8

32.848+/-49.856 χ^2/NDF : 8.3/9

58.443+/-41.629 χ^2/NDF : 7.0/9

asym_sam_15_avg_correction_rms vs slug



Right In: 127.216 $\pm$ 0.117 χ^2 /NDF: 0.0/0

Left Out: 99.138 $\pm$ 0.037 χ^2 /NDF:2215033.7/8

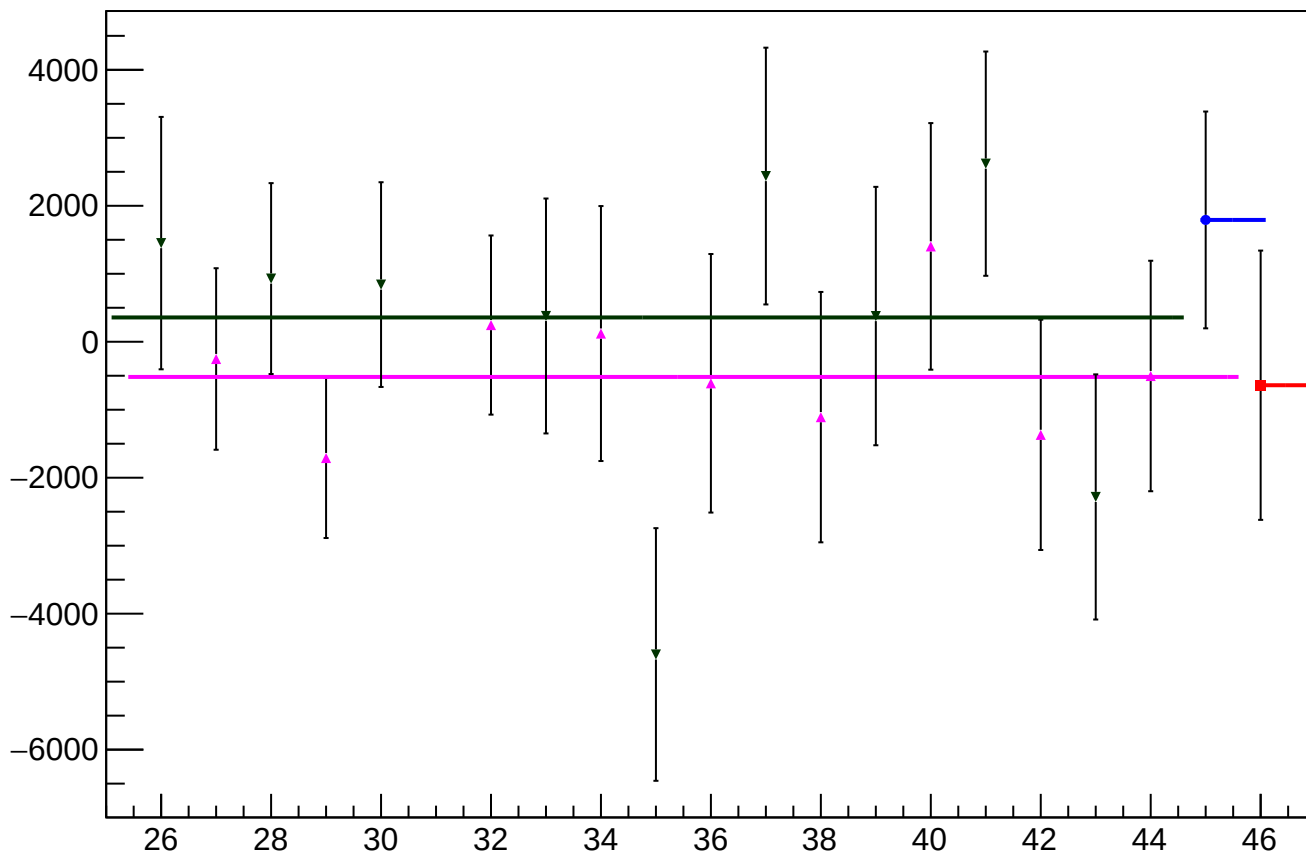
101.672 $\pm$ 0.035 χ^2 /NDF: 2267132.4/9

Right Out: 125.713 $\pm$ 0.139 χ^2 /NDF: 0.0/0

85.785 $\pm$ 0.029 χ^2 /NDF: 2297646.1/9

Left In: 83.913 $\pm$ 0.030 χ^2 /NDF:2211357.4/8

reg_asym_sam_26_avg_mean vs slug



Right In: 1791.995+/-1594.682 χ^2/NDF : 0.0/0

Left Out: 357.559+/-568.392 χ^2/NDF :13.0/8

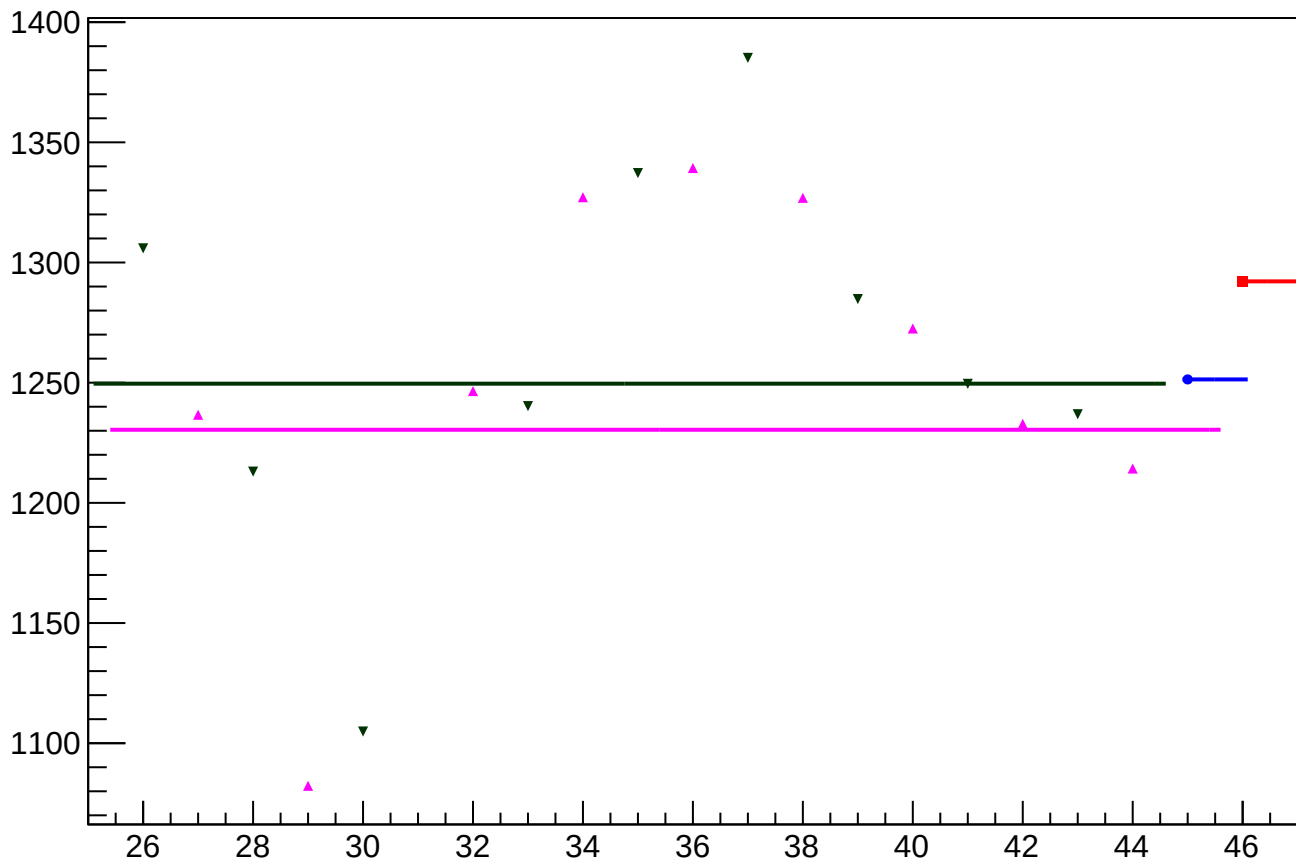
Right Out: -639.550+/-1980.474 χ^2/NDF : 0.0/0

Left In: -517.544+/-518.830 χ^2/NDF :3.0/8

519.251+/-535.399 χ^2/NDF : 13.7/9

-525.379+/-501.893 χ^2/NDF : 3.0/9

reg_asym_sam_26_avg_rms vs slug



Right In: 1251.355+/-1.128 χ^2/NDF : 0.0/0

Left Out: 1249.590+/-0.402 χ^2/NDF : 37266.3/8

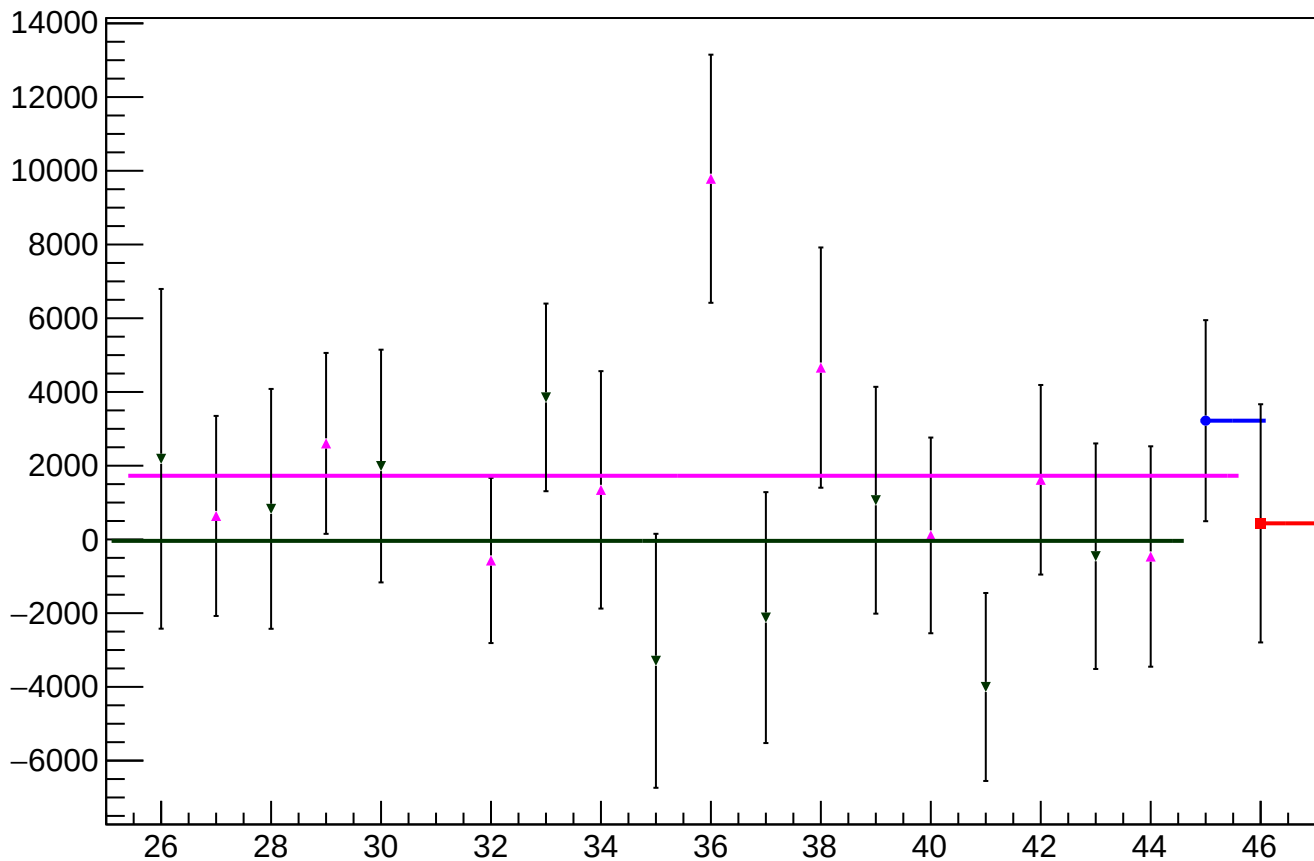
Right Out: 1292.151+/-1.400 χ^2/NDF : 0.0/0

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.2/8

1249.789+/-0.379 χ^2/NDF : 37266.5/9

1234.379+/-0.355 χ^2/NDF : 52474.8/9

asym_sam_26_avg_correction_mean vs slug



Right In: 3221.259+/-2727.066 χ^2/NDF : 0.0/0

Left Out: -39.269+/-1035.135 χ^2/NDF : 6.9/8

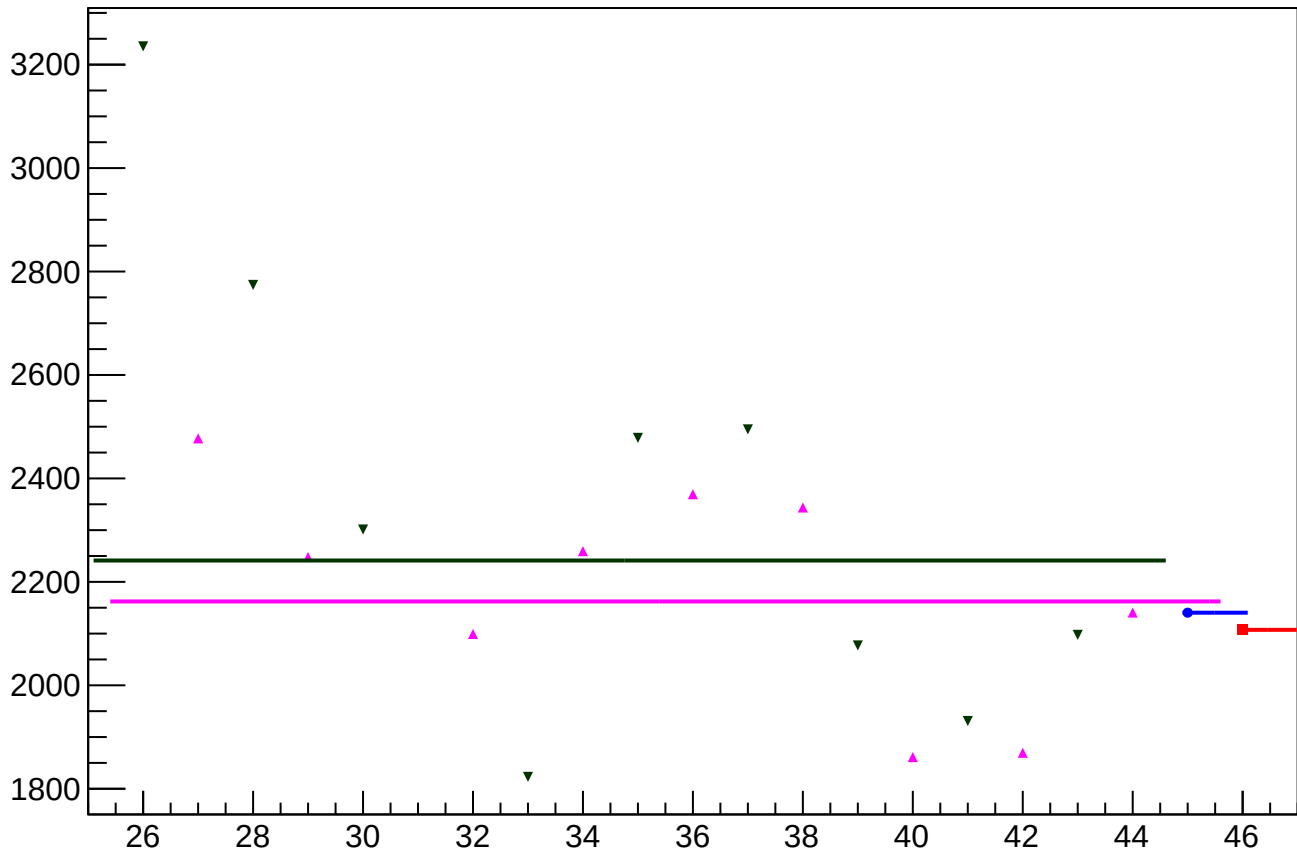
Right Out: 436.490+/-3230.828 χ^2/NDF : 0.0/0

Left In: 1726.912+/-918.632 χ^2/NDF : 8.8/8

371.346+/-967.762 χ^2/NDF : 8.1/9

1630.390+/-883.609 χ^2/NDF : 9.0/9

asym_sam_26_avg_correction_rms vs slug



Right In: 2140.407+/-1.928 χ^2/NDF : 0.0/0

Left Out: 2241.302+/-0.732 χ^2/NDF : 261773.6/8

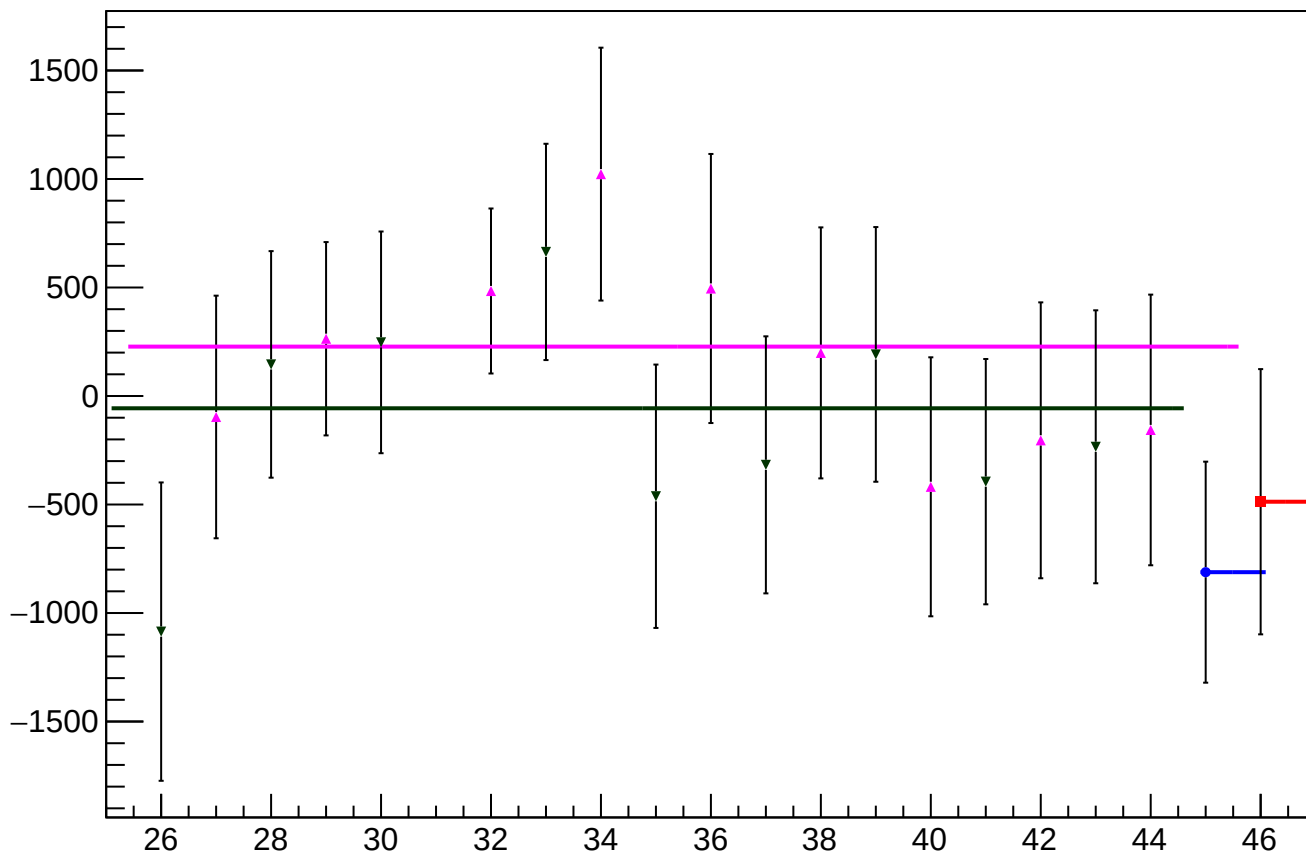
Right Out: 2107.228+/-2.285 χ^2/NDF : 0.0/0

Left In: 2162.148+/-0.650 χ^2/NDF : 98343.3/8

2228.596+/-0.684 χ^2/NDF : 264166.5/9

2158.040+/-0.625 χ^2/NDF : 98878.0/9

reg_asym_sam_37_avg_mean vs slug



Right In: -811.790 $\pm$ 509.238 χ^2 /NDF: 0.0/0

Left Out: -56.564 $\pm$ 189.750 χ^2 /NDF: 6.1/8

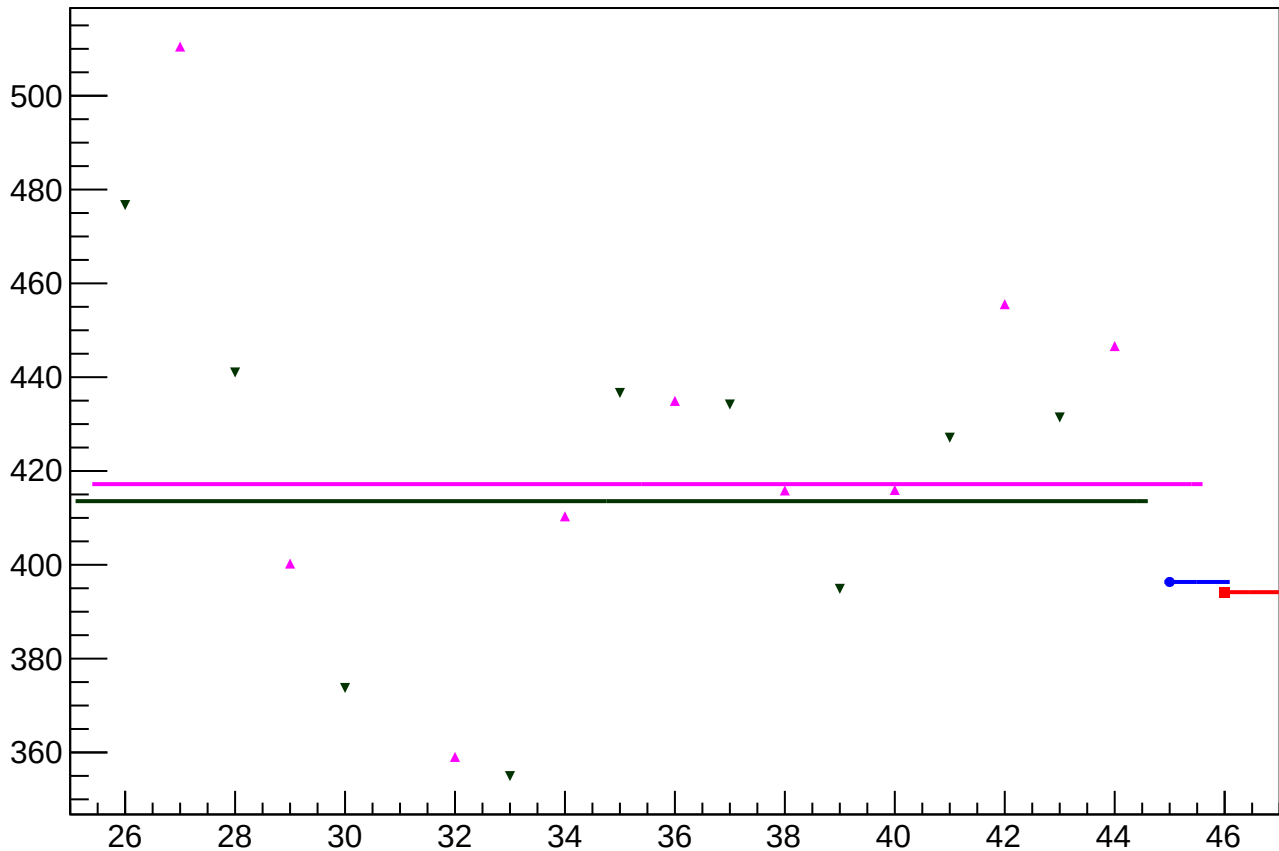
Right Out: -487.165 $\pm$ 611.127 χ^2 /NDF: 0.0/0

Left In: 227.618 $\pm$ 178.031 χ^2 /NDF: 4.9/8

-148.637 $\pm$ 177.807 χ^2 /NDF: 8.0/9

171.703 $\pm$ 170.926 χ^2 /NDF: 6.1/9

reg_asym_sam_37_avg_rms vs slug



Right In: 396.344+/-0.360 χ^2/NDF : 0.0/0

Left Out: 413.572+/-0.134 χ^2/NDF : 72321.2/8

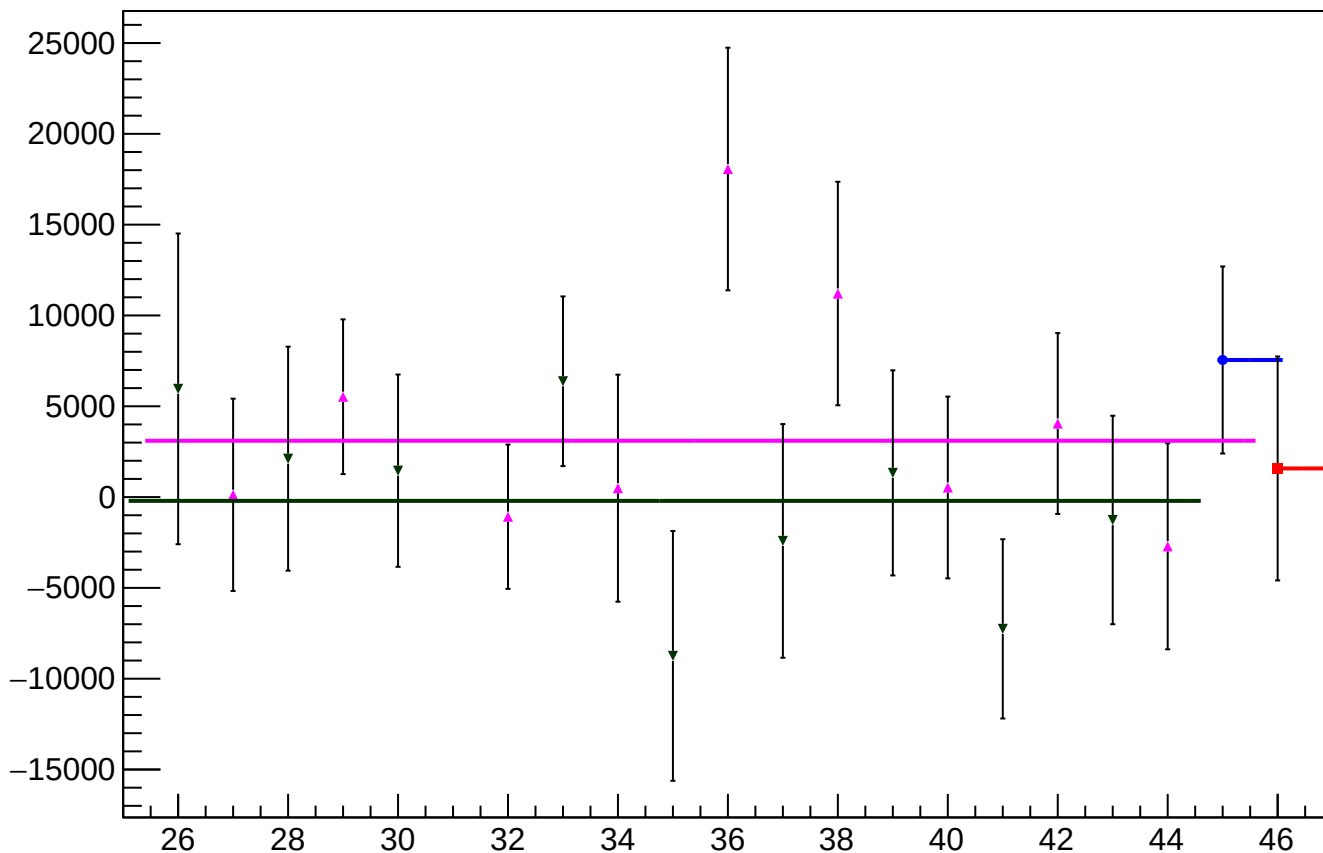
411.472+/-0.126 χ^2/NDF : 74331.3/9

Right Out: 394.168+/-0.432 χ^2/NDF : 0.0/0

415.399+/-0.121 χ^2/NDF : 121683.0/9

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

asym_sam_37_avg_correction_mean vs slug



Right In: 7548.459+/-5149.178 χ^2/NDF : 0.0/0

Left Out: -208.829+/-1925.930 χ^2/NDF :6.6/8

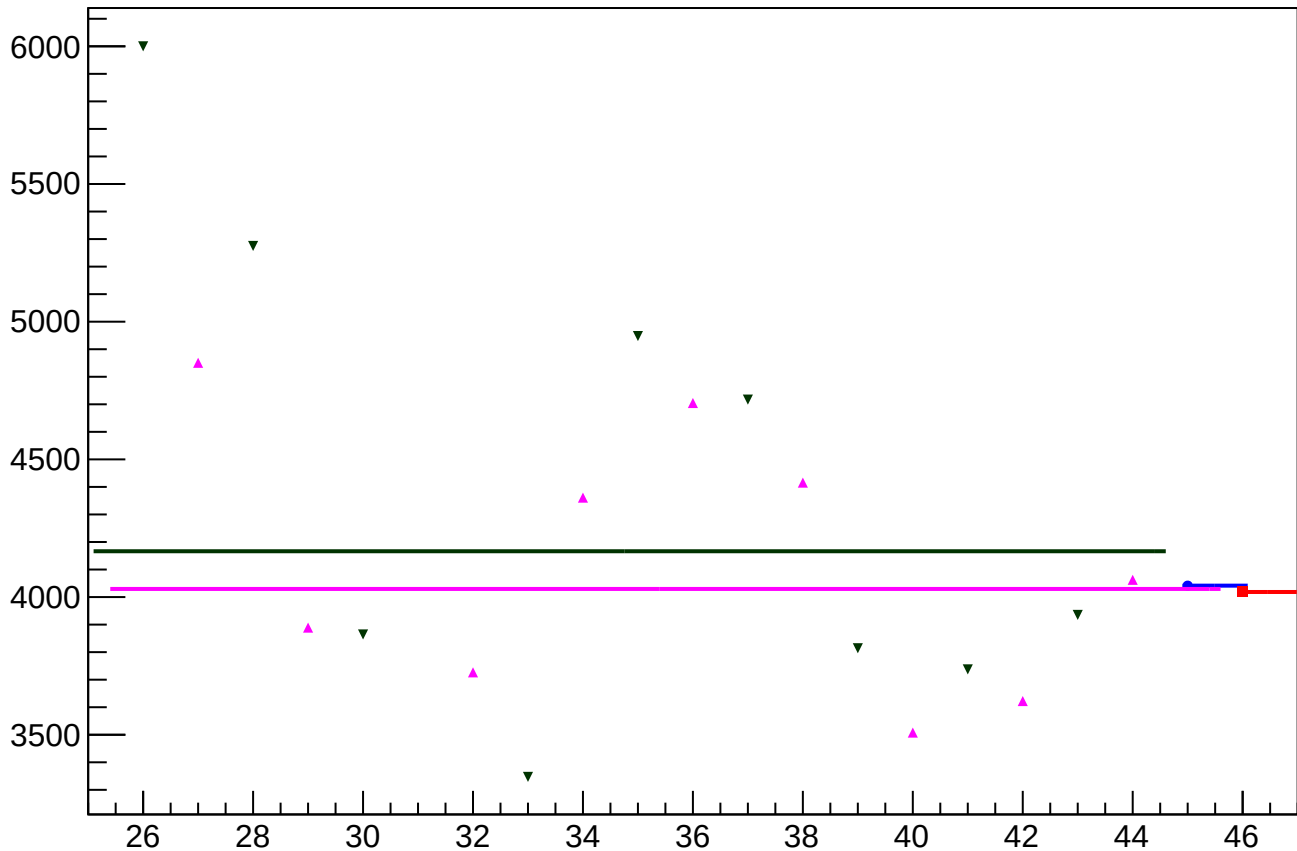
Right Out: 1576.848+/-6165.314 χ^2/NDF : 0.0/0

Left In: 3100.951+/-1715.208 χ^2/NDF :10.0/8

743.200+/-1803.881 χ^2/NDF : 8.5/9

2991.464+/-1652.452 χ^2/NDF : 10.1/9

asym_sam_37_avg_correction_rms vs slug



Right In: 4041.481+/-3.641 χ^2 /NDF: 0.0/0

Left Out: 4166.379+/-1.362 χ^2 /NDF:291206.4/8

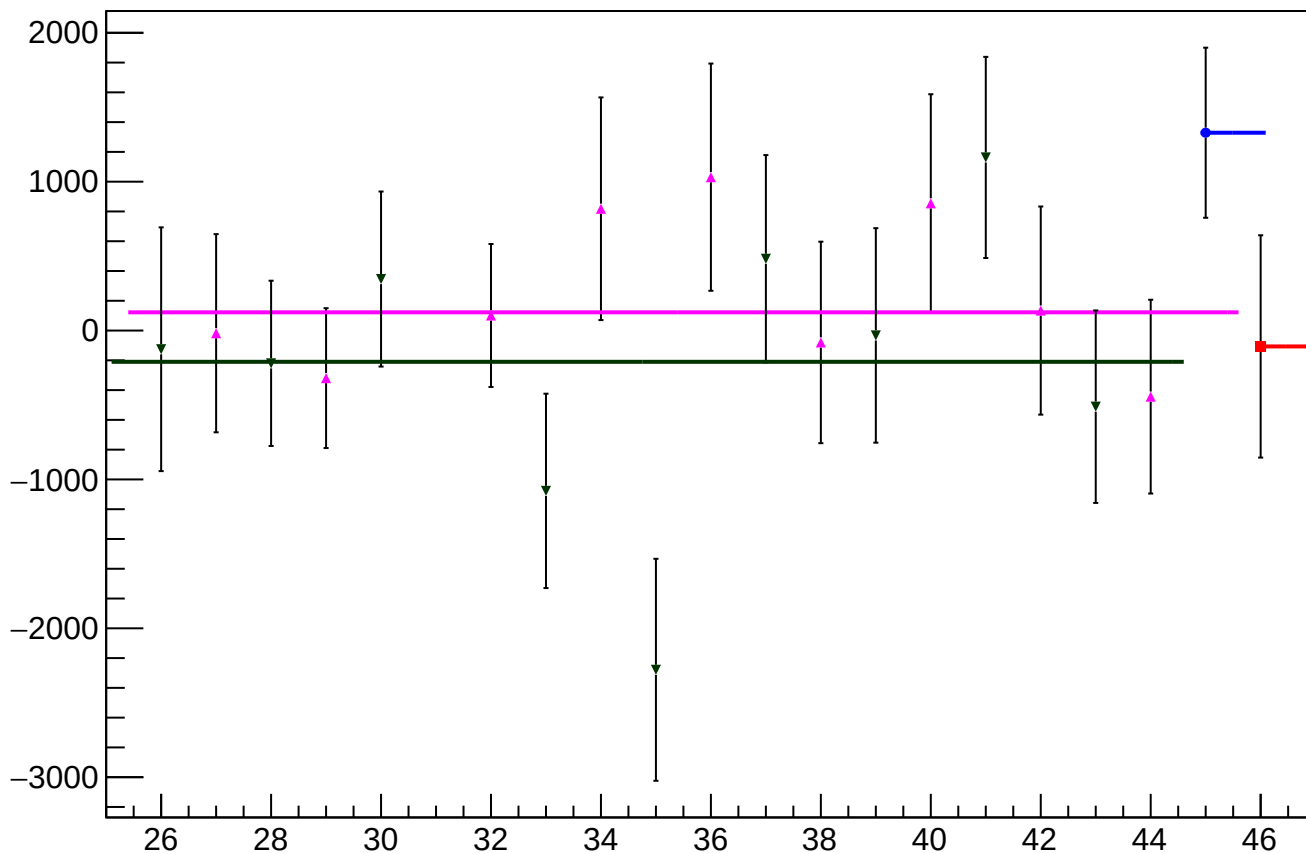
4151.051+/-1.276 χ^2 /NDF: 292238.7/9

Right Out: 4018.458+/-4.360 χ^2 /NDF: 0.0/0

4028.716+/-1.168 χ^2 /NDF: 131057.5/9

Left In: 4029.510+/-1.213 χ^2 /NDF:131051.5/8

reg_asym_sam_48_avg_mean vs slug



Right In: 1328.827+/-571.275 χ^2/NDF : 0.0/0

Left Out: -209.900+/-221.674 χ^2/NDF :15.8/8

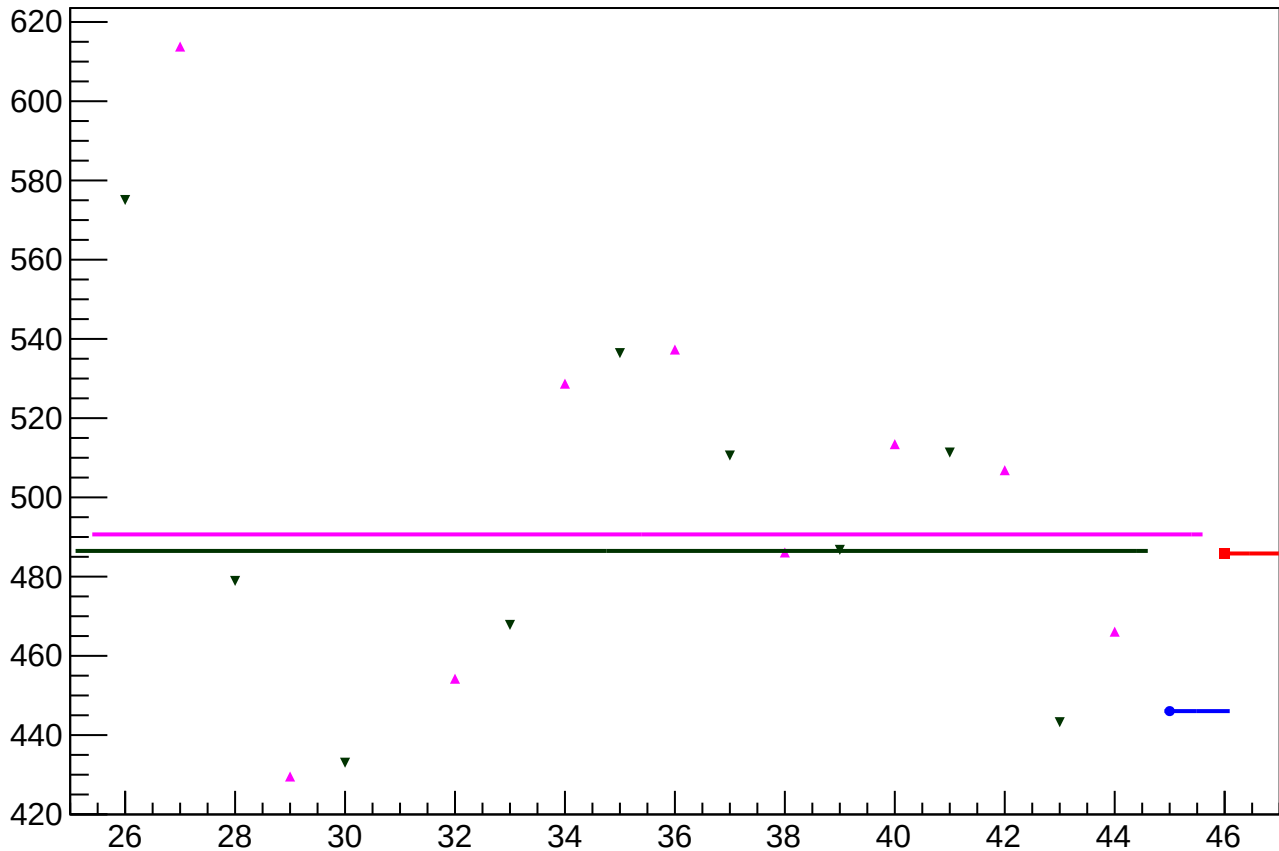
Right Out: -106.676+/-746.609 χ^2/NDF : 0.0/0

Left In: 122.495+/-208.120 χ^2/NDF :5.1/8

-8.534+/-206.661 χ^2/NDF : 22.1/9

105.971+/-200.477 χ^2/NDF : 5.1/9

reg_asym_sam_48_avg_rms vs slug



Right In: 446.053+/-0.404 χ^2/NDF : 0.0/0

Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

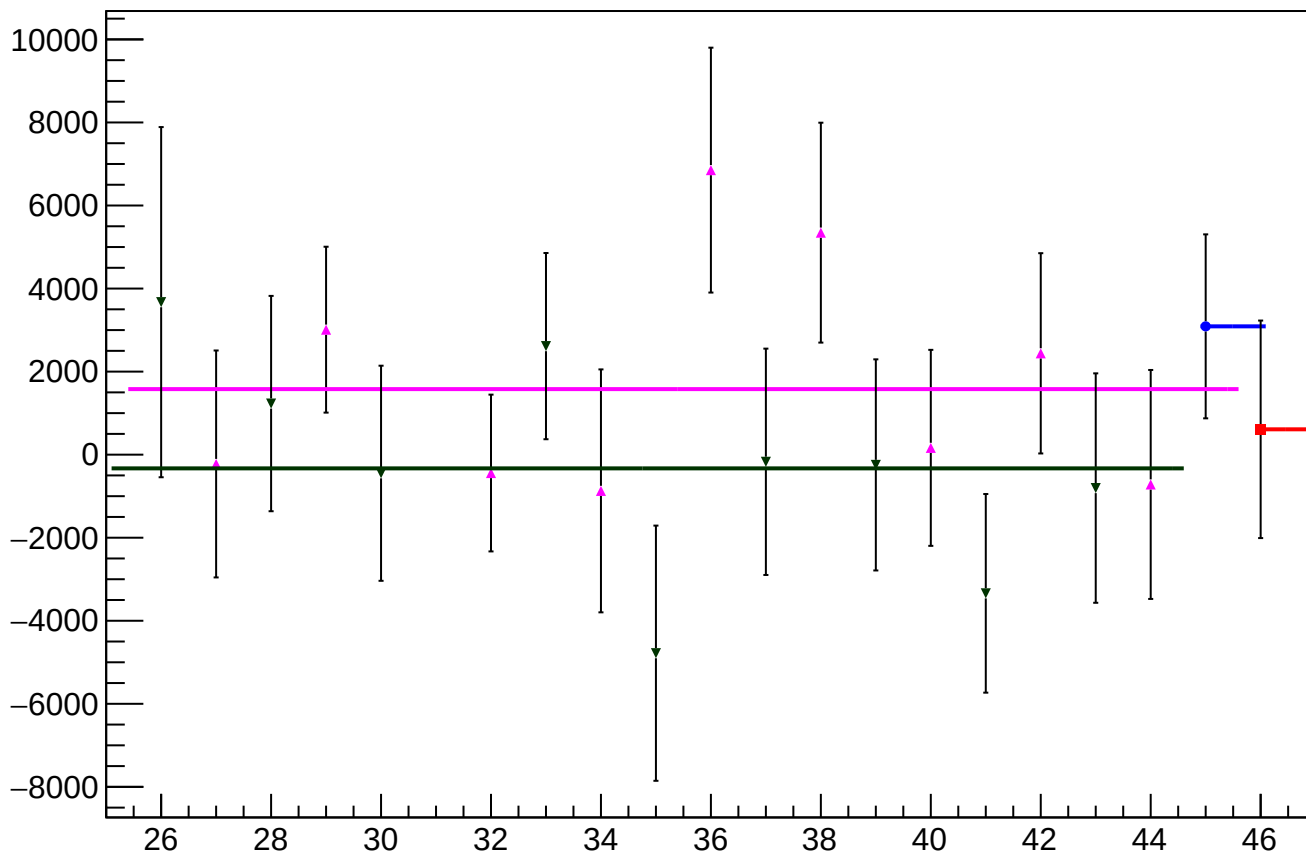
Right Out: 485.840+/-0.528 χ^2/NDF : 0.0/0

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

481.194+/-0.146 χ^2/NDF : 73678.3/9

490.306+/-0.142 χ^2/NDF : 132444.7/9

asym_sam_48_avg_correction_mean vs slug



Right In: 3089.919+/-2215.244 χ^2/NDF : 0.0/0

Left Out: -330.295+/-892.971 χ^2/NDF : 6.7/8

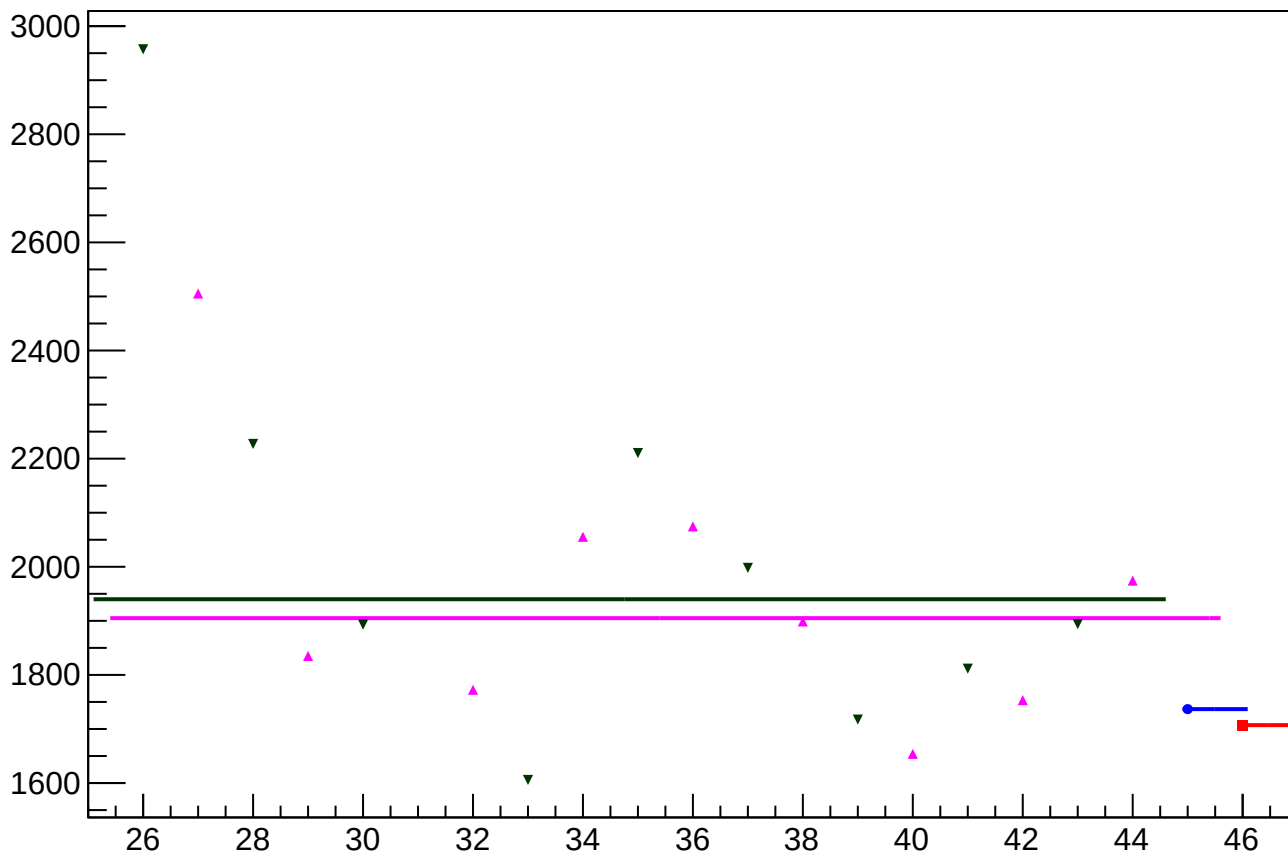
Right Out: 610.288+/-2619.147 χ^2/NDF : 0.0/0

Left In: 1578.556+/-810.363 χ^2/NDF : 9.2/8

147.778+/-828.213 χ^2/NDF : 8.8/9

1493.964+/-774.155 χ^2/NDF : 9.3/9

asym_sam_48_avg_correction_rms vs slug



Right In: 1736.740+/-1.566 χ^2/NDF : 0.0/0

Left Out: 1939.983+/-0.631 χ^2/NDF :224092.6/8

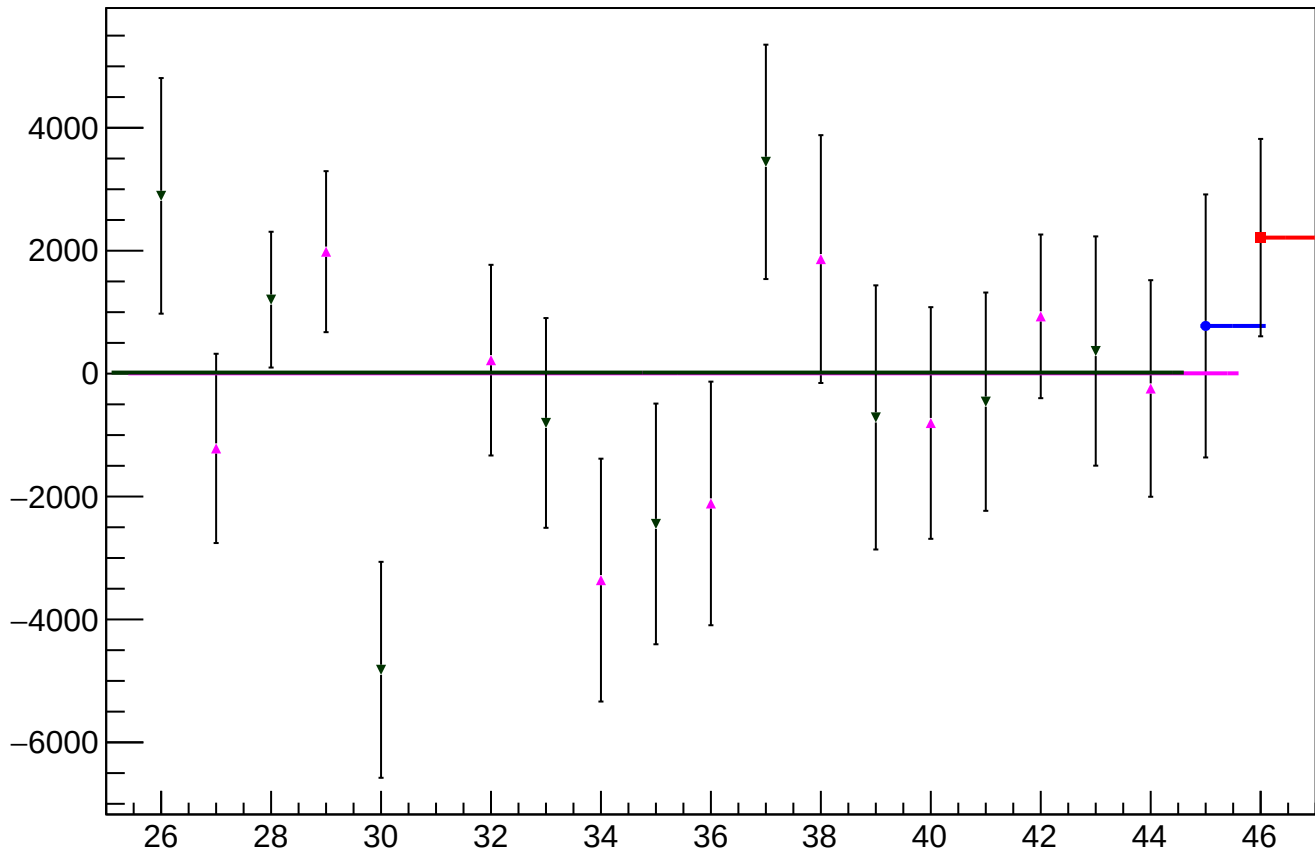
Right Out: 1707.109+/-1.852 χ^2/NDF : 0.0/0

Left In: 1905.010+/-0.573 χ^2/NDF :152614.4/8

1911.574+/-0.586 χ^2/NDF : 238574.6/9

1887.720+/-0.547 χ^2/NDF : 163035.2/9

asym_sam_15_dd_mean vs slug



Right In: 775.912 $\pm$ 2140.052 χ^2 /NDF: 0.0/0

Left Out: 17.049 $\pm$ 566.564 χ^2 /NDF:16.2/8

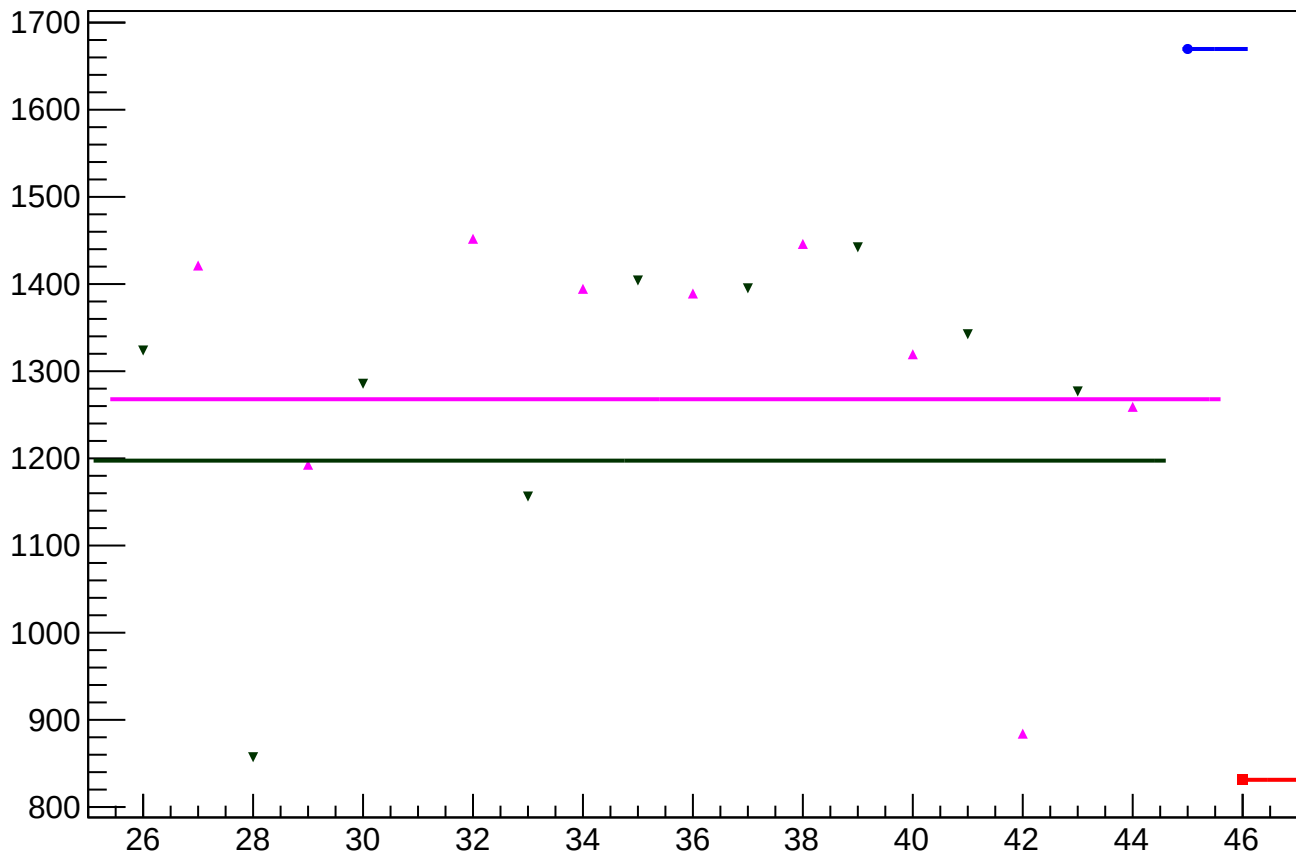
66.753 $\pm$ 547.695 χ^2 /NDF: 16.4/9

Right Out: 2213.263 $\pm$ 1605.956 χ^2 /NDF: 0.0/0

234.313 $\pm$ 517.637 χ^2 /NDF: 10.2/9

Left In: 4.879 $\pm$ 546.821 χ^2 /NDF:8.5/8

asym_sam_15_dd_rms vs slug



Right In: 1669.692+/-1.513 χ^2/NDF : 0.0/0

Left Out: 1197.414+/-0.401 χ^2/NDF :291303.5/8

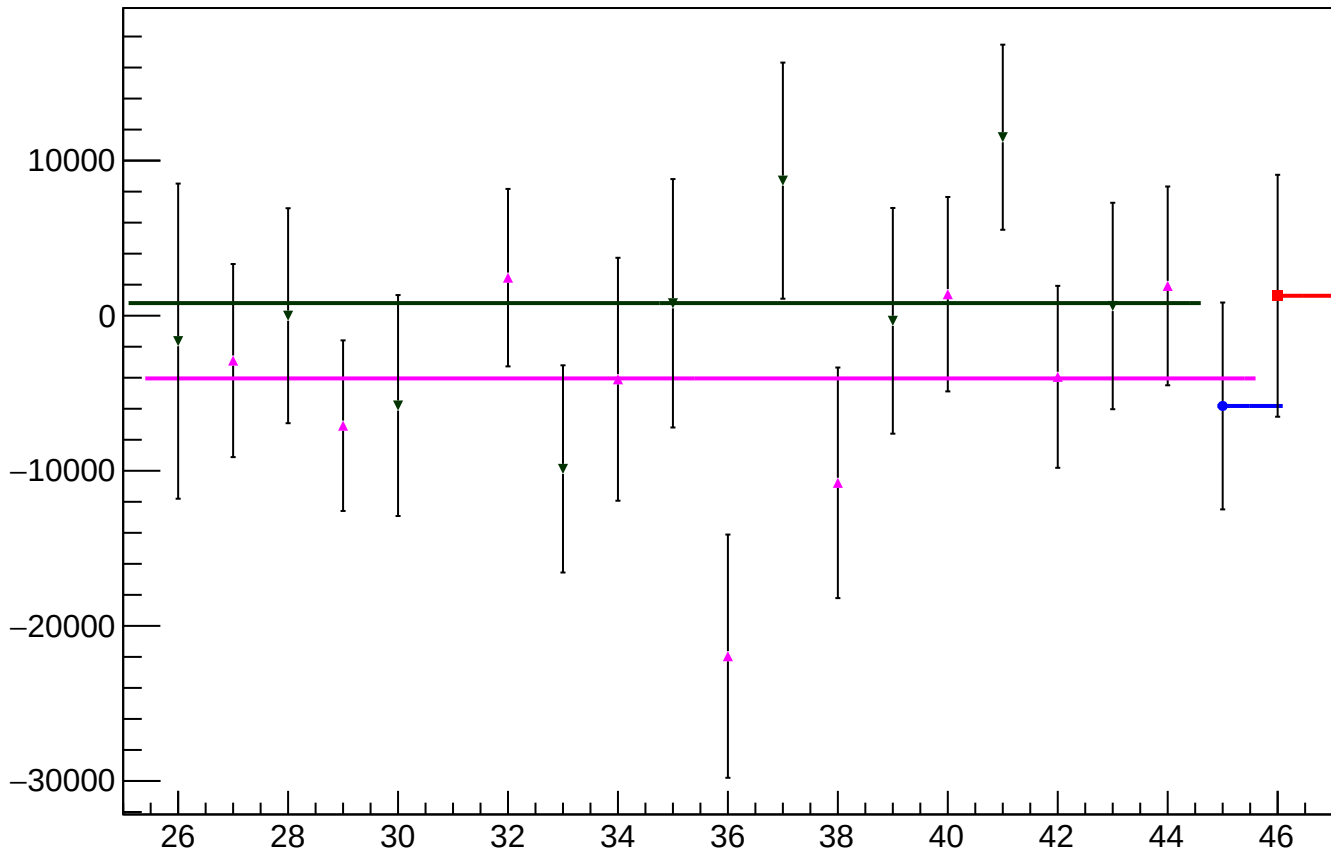
Right Out: 831.218+/-1.136 χ^2/NDF : 0.0/0

Left In: 1267.855+/-0.387 χ^2/NDF :253536.2/8

1228.347+/-0.387 χ^2/NDF : 382327.8/9

1222.491+/-0.366 χ^2/NDF : 386020.2/9

asym_sam_26_dd_mean vs slug



Right In: -5820.446+/-6669.283 χ^2/NDF : 0.0/0

Left Out: 812.648+/-2390.317 χ^2/NDF : 7.8/8

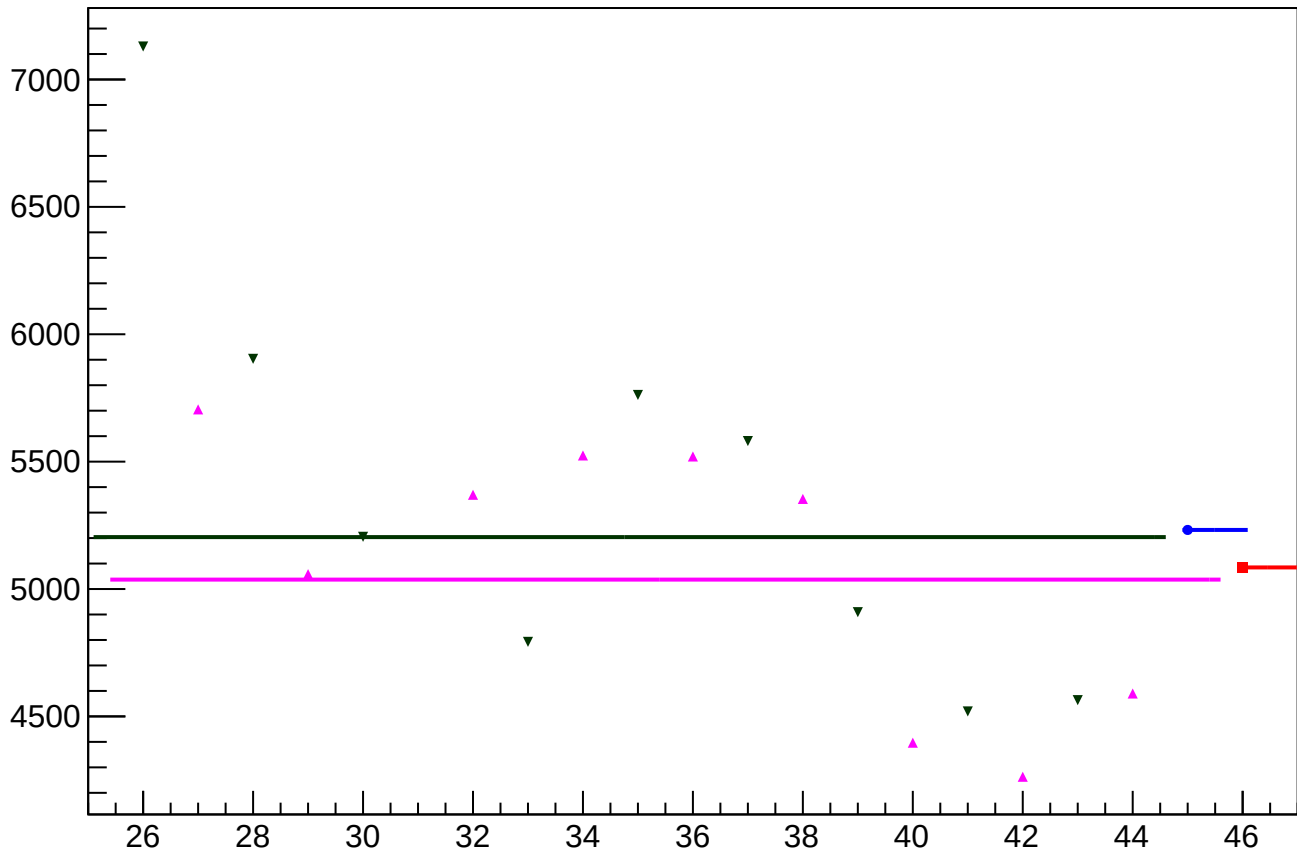
Right Out: 1284.810+/-7799.615 χ^2/NDF : 0.0/0

Left In: -4044.605+/-2137.141 χ^2/NDF : 9.3/8

57.583+/-2250.159 χ^2/NDF : 8.7/9

-3672.420+/-2061.166 χ^2/NDF : 9.7/9

asym_sam_26_dd_rms vs slug



Right In: 5231.923+/-4.716 χ^2/NDF : 0.0/0

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

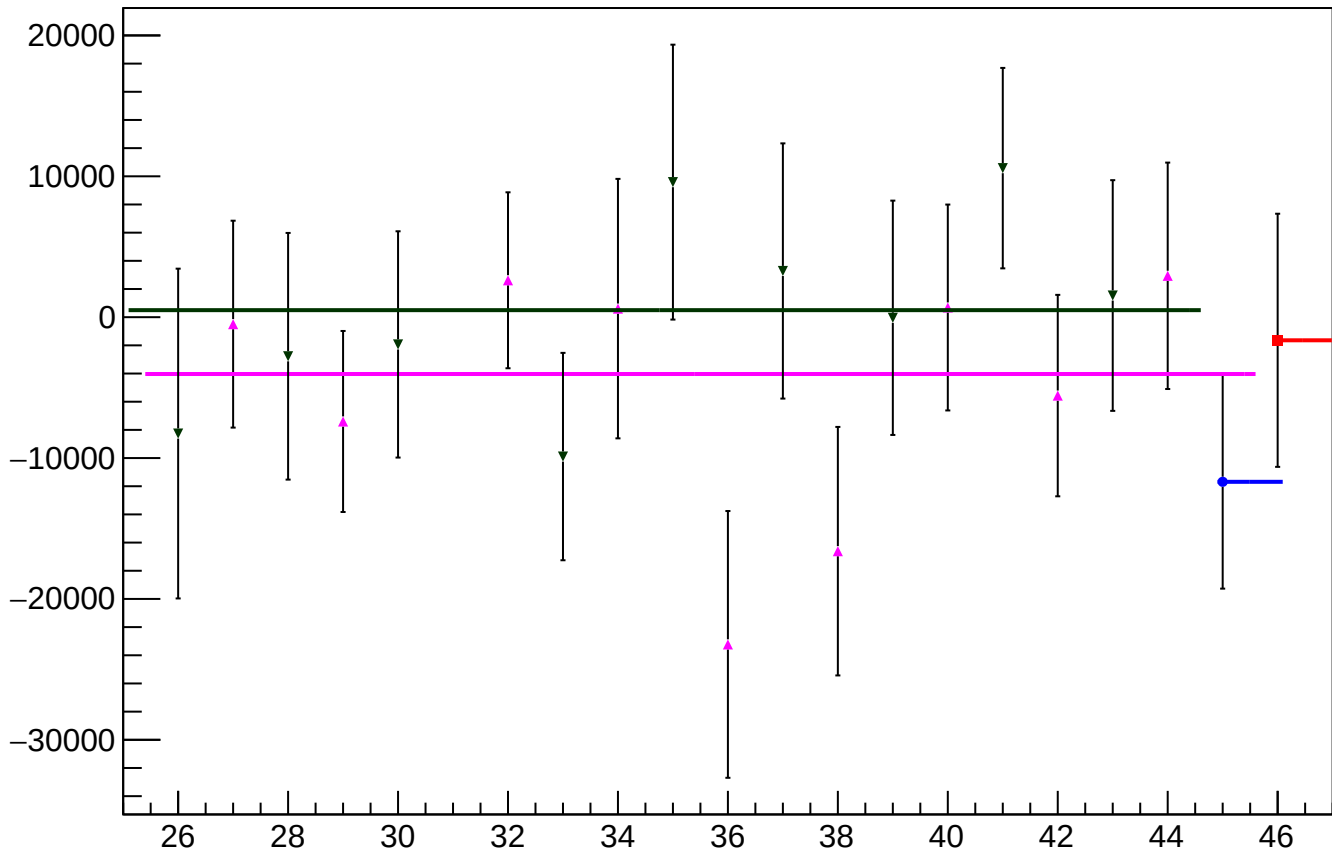
5207.029+/-1.591 χ^2/NDF : 162541.4/9

Right Out: 5084.756+/-5.515 χ^2/NDF : 0.0/0

5040.308+/-1.457 χ^2/NDF : 114292.5/9

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

asym_sam_37_dd_mean vs slug



Right In: -11686.818+/-7582.533 χ^2/NDF : 0.0/0

Left Out: 499.140+/-2815.711 χ^2/NDF : 5.8/8

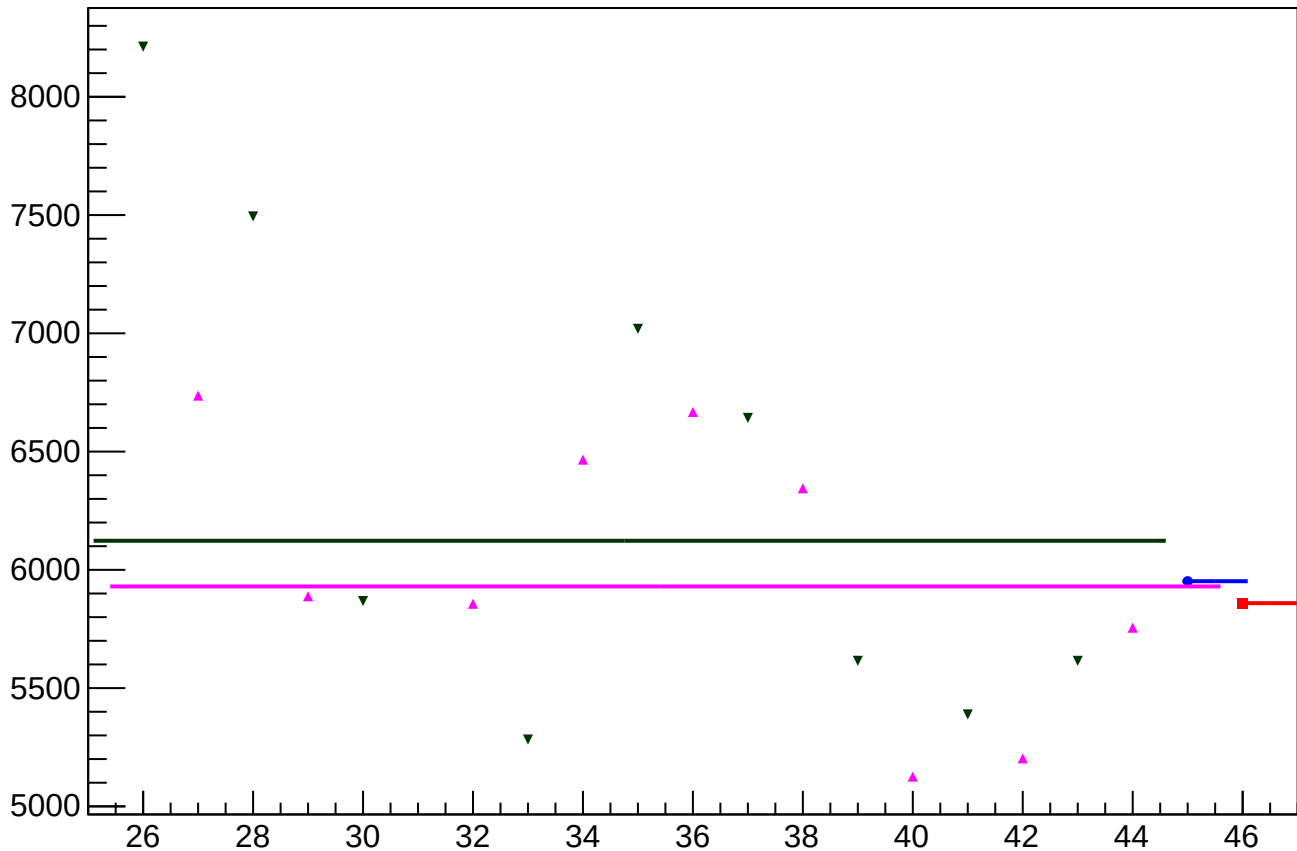
-977.604+/-2639.594 χ^2/NDF : 8.0/9

Right Out: -1640.818+/-8984.408 χ^2/NDF : 0.0/0

Left In: -4033.740+/-2515.841 χ^2/NDF : 9.3/8

-3859.748+/-2422.650 χ^2/NDF : 9.3/9

asym_sam_37_dd_rms vs slug



Right In: 5951.971+/-5.362 χ^2/NDF : 0.0/0

Left Out: 6122.948+/-1.991 χ^2/NDF :200766.5/8

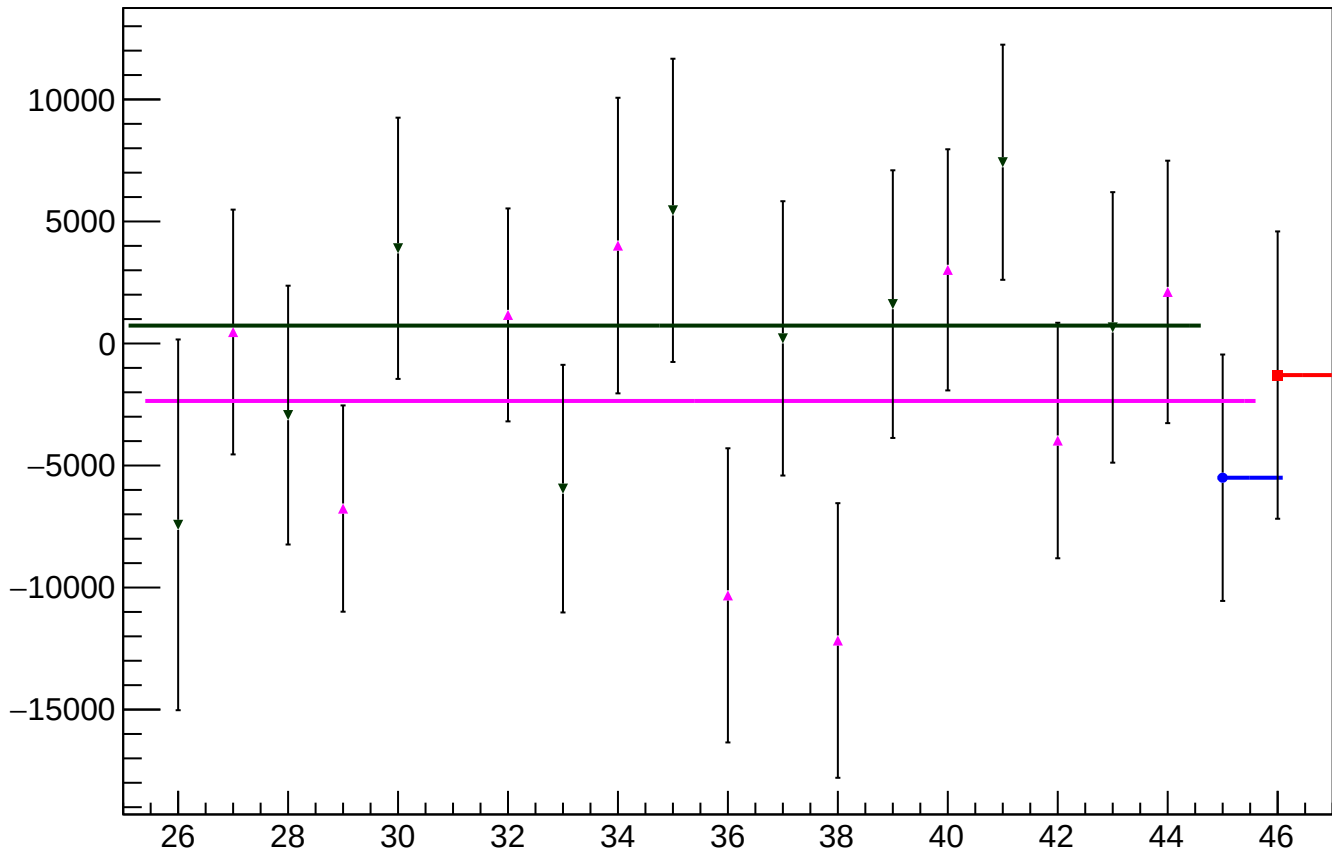
6102.229+/-1.866 χ^2/NDF : 201660.1/9

Right Out: 5859.230+/-6.353 χ^2/NDF : 0.0/0

5924.711+/-1.713 χ^2/NDF : 93783.1/9

Left In: 5929.846+/-1.779 χ^2/NDF :93668.6/8

asym_sam_48_dd_mean vs slug



Right In: -5500.166+/-5048.384 χ^2/NDF : 0.0/0

Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

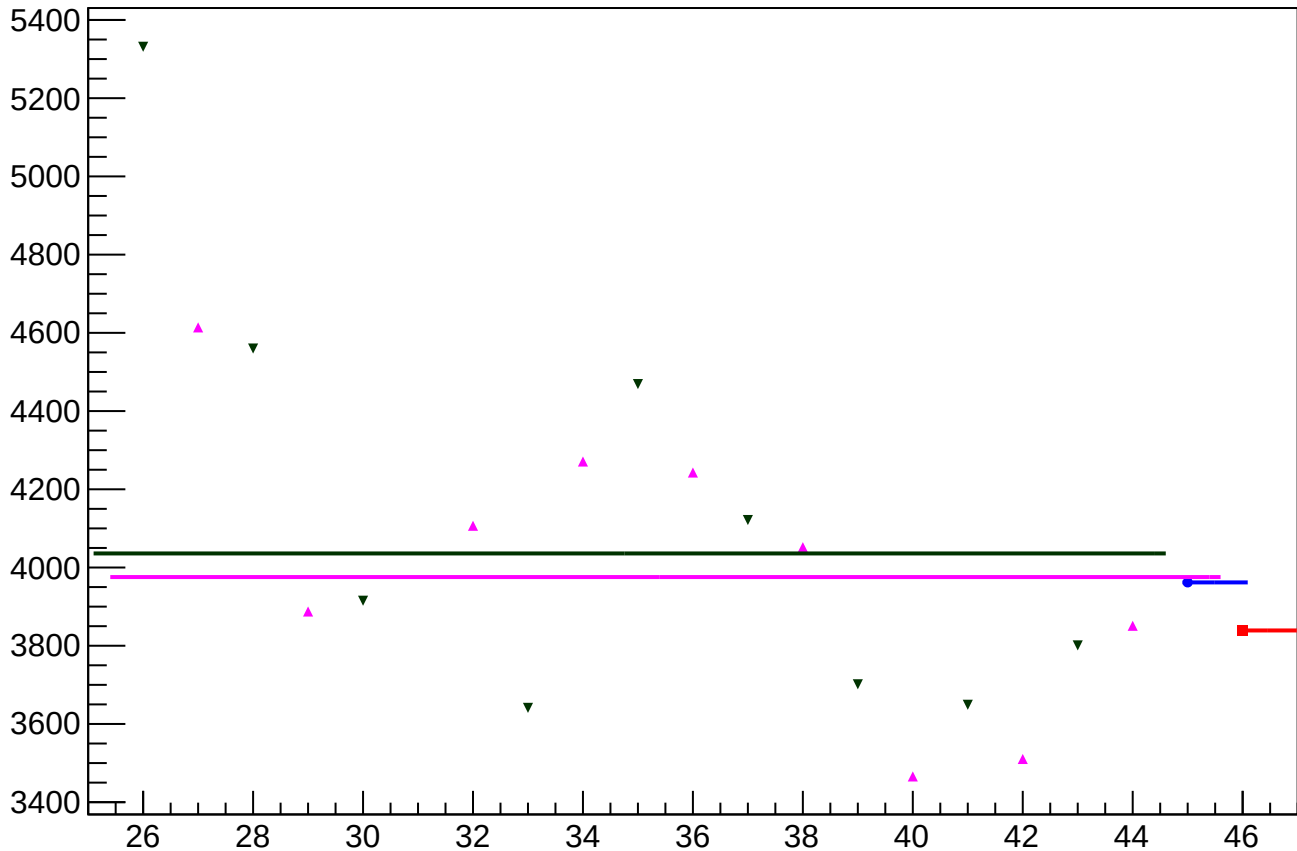
-2.330+/-1734.603 χ^2/NDF : 7.6/9

Right Out: -1294.551+/-5887.138 χ^2/NDF : 0.0/0

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

-2274.721+/-1617.918 χ^2/NDF : 10.0/9

asym_sam_48_dd_rms vs slug



Right In: 3961.930+/-3.570 χ^2/NDF : 0.0/0

Left Out: 4035.979+/-1.306 χ^2/NDF :124959.6/8

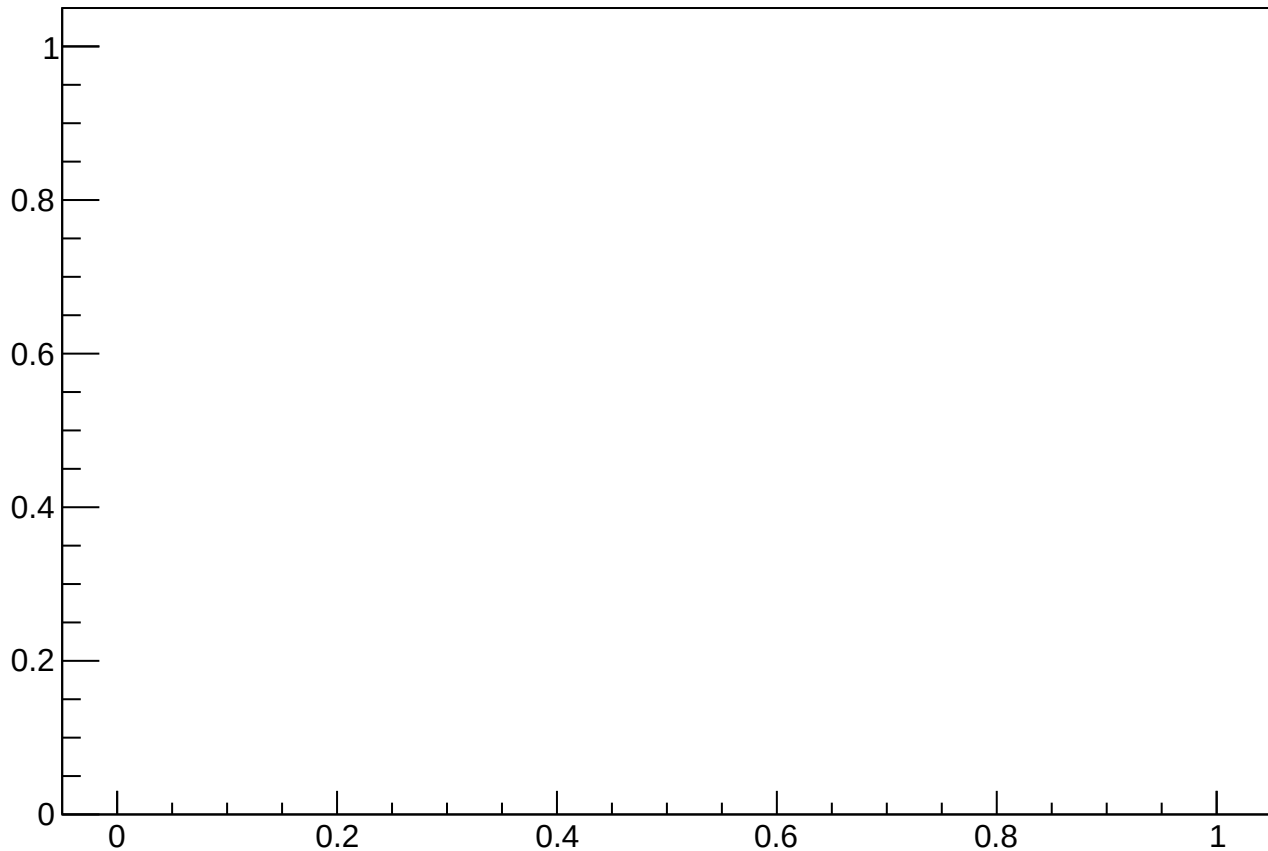
4027.237+/-1.227 χ^2/NDF : 125339.1/9

Right Out: 3839.072+/-4.163 χ^2/NDF : 0.0/0

3965.293+/-1.144 χ^2/NDF : 86082.8/9

Left In: 3975.604+/-1.190 χ^2/NDF :85088.4/8

yield_sam_15_dd_mean vs slug



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

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

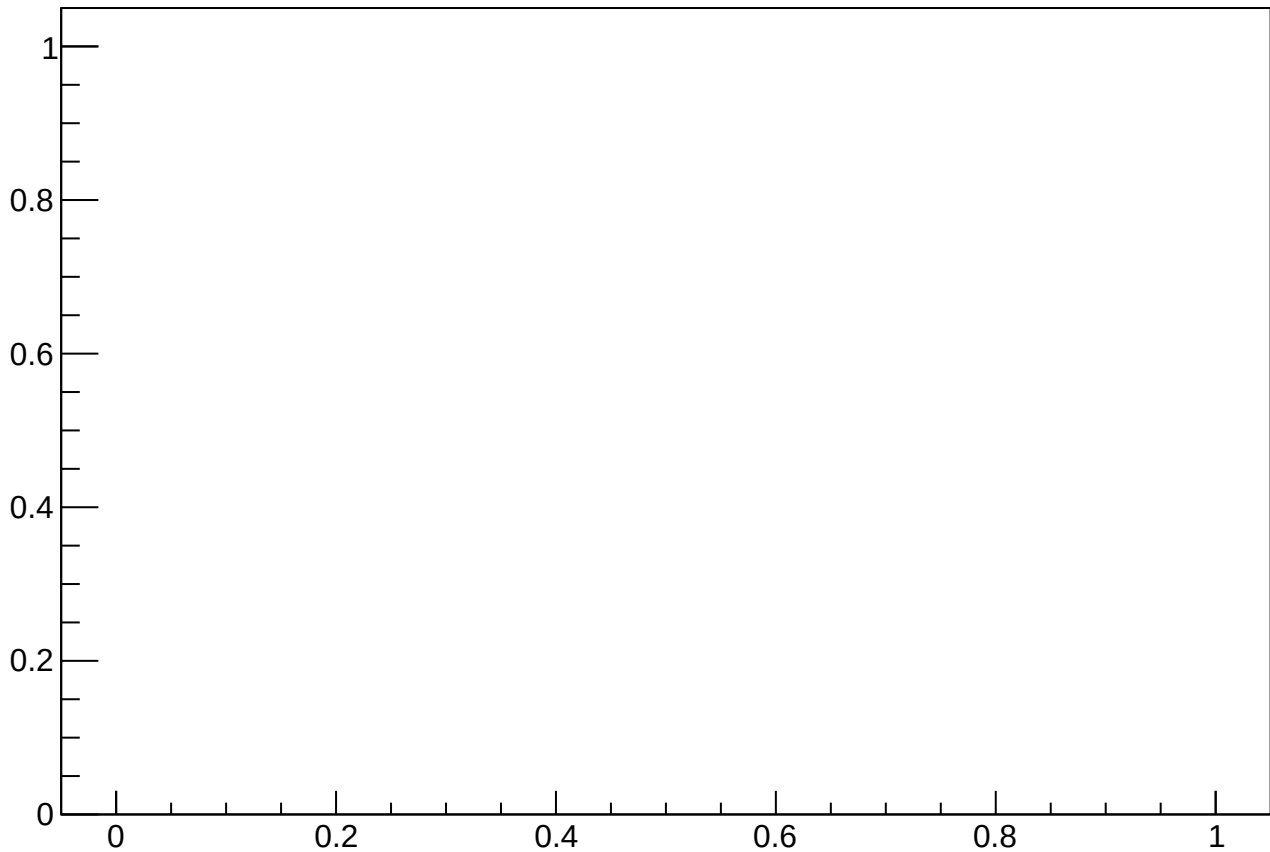
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_dd_rms vs slug



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

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

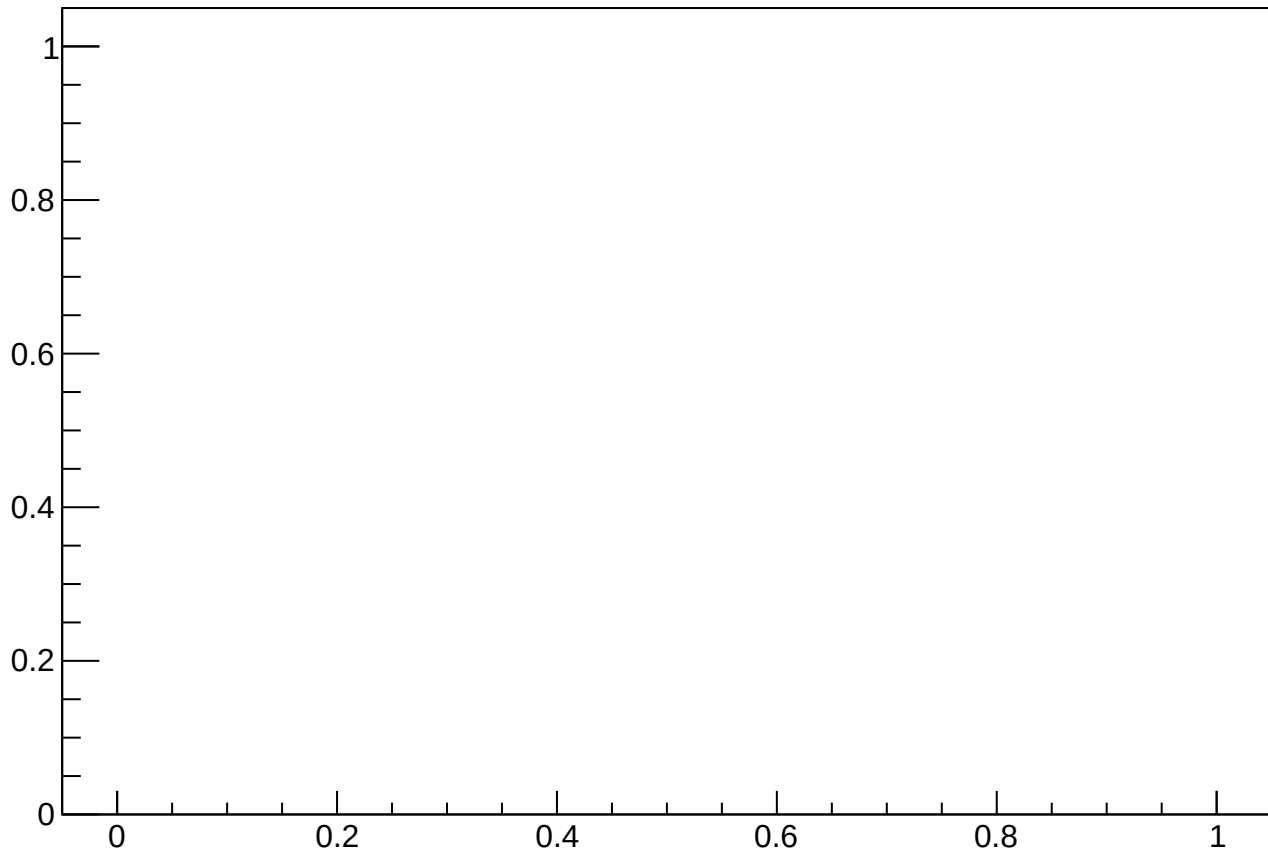
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

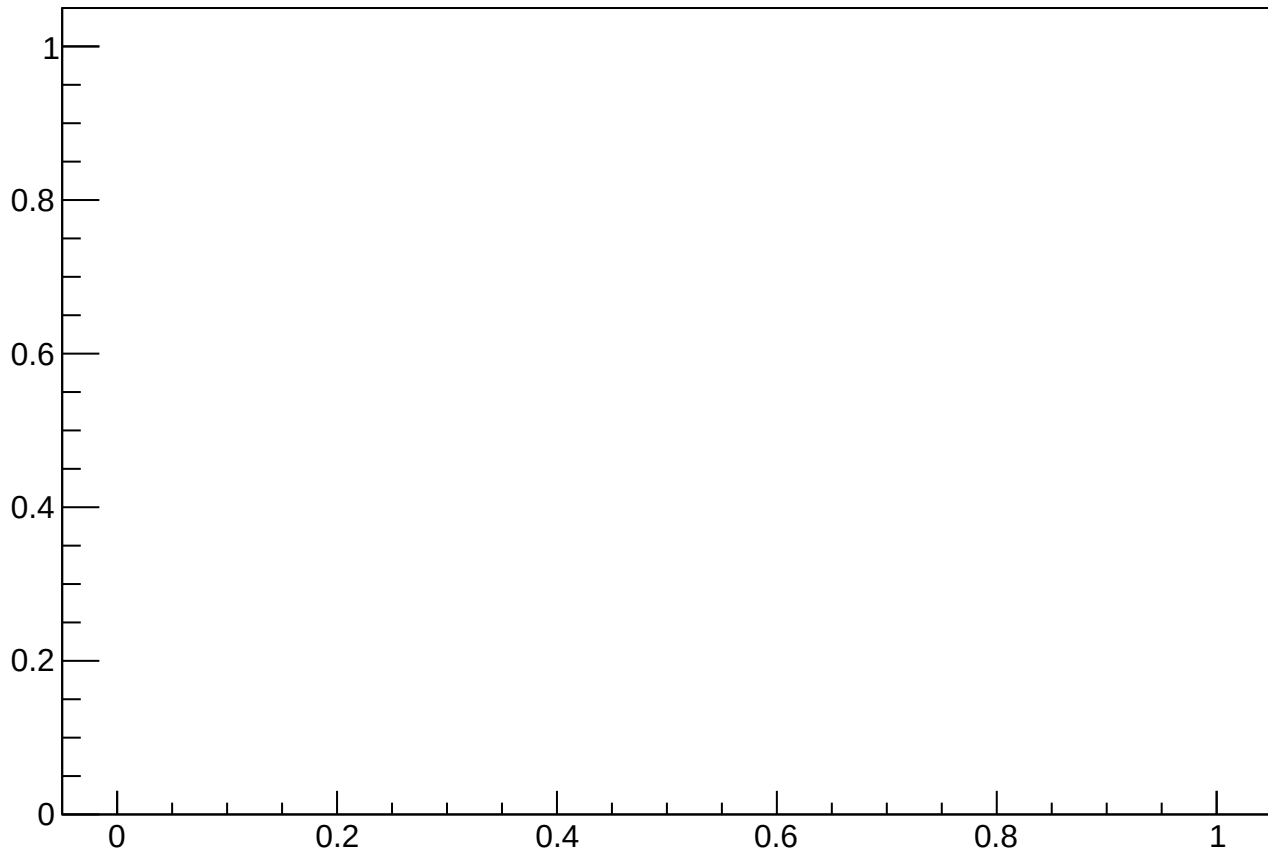
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

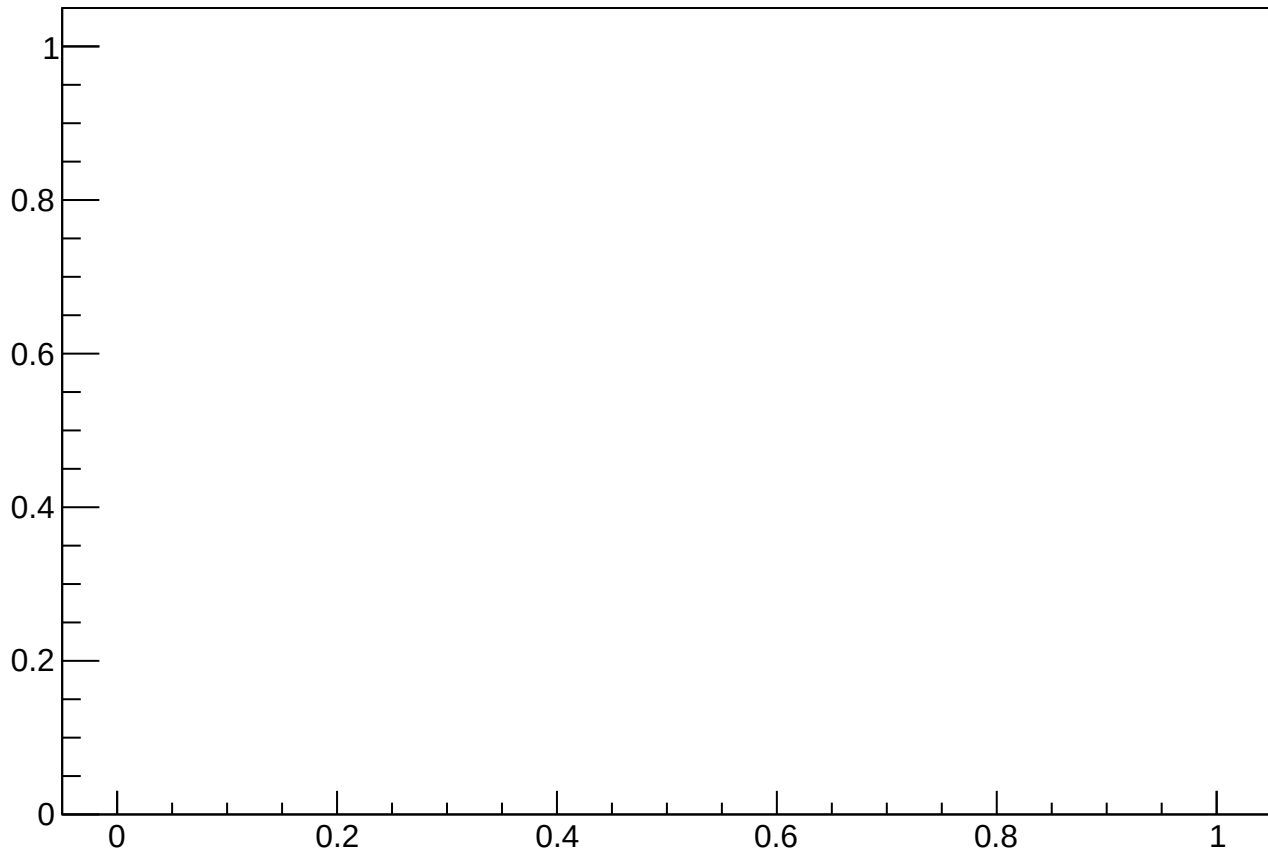
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

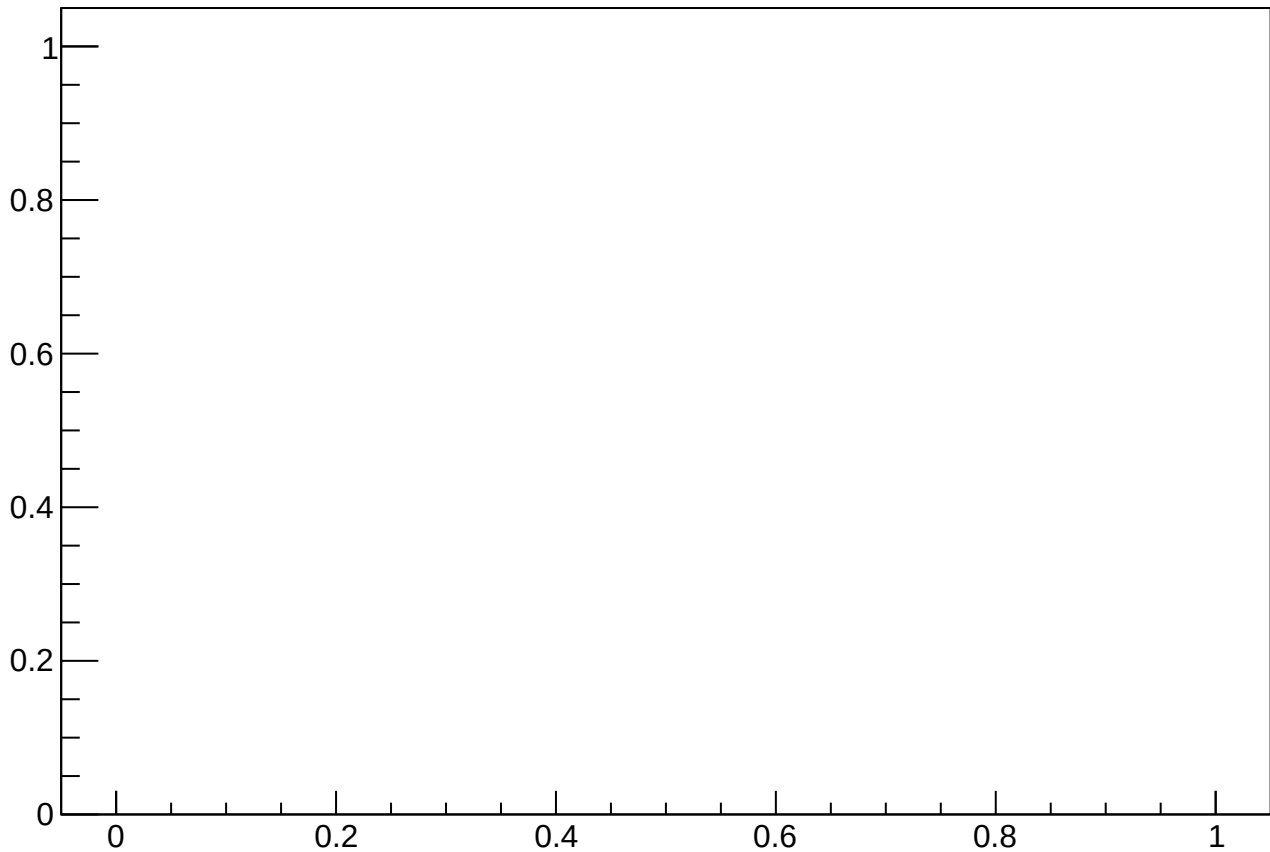
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_15_dd_rms vs slug



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

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

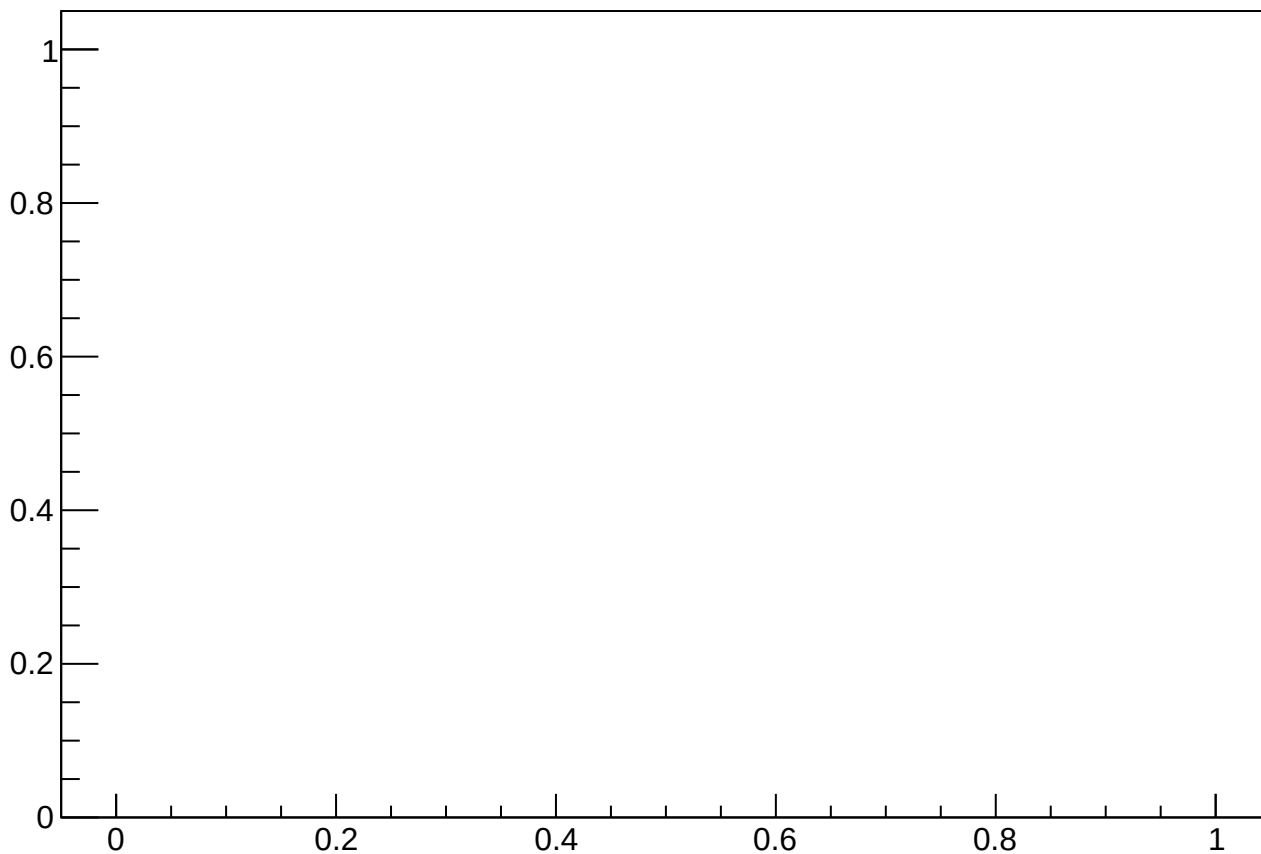
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

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

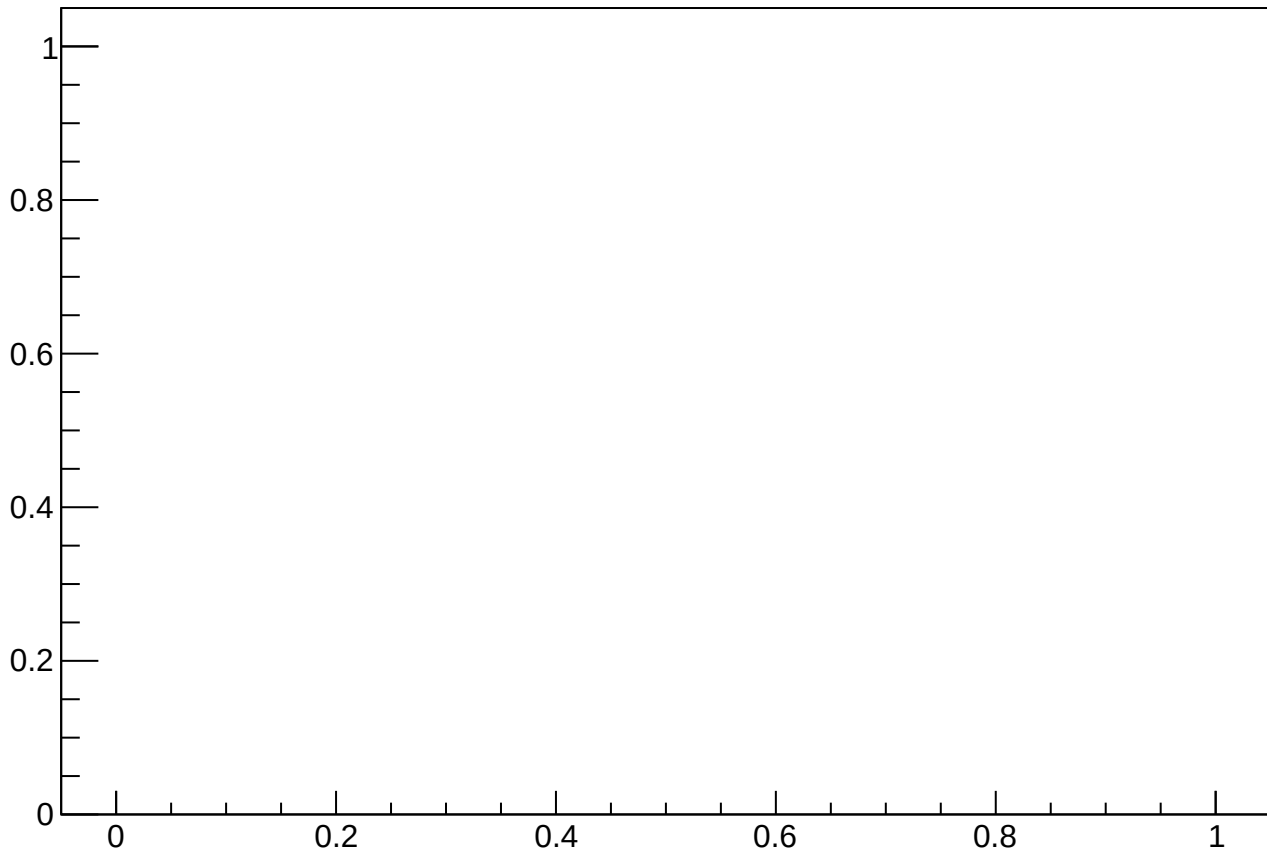
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

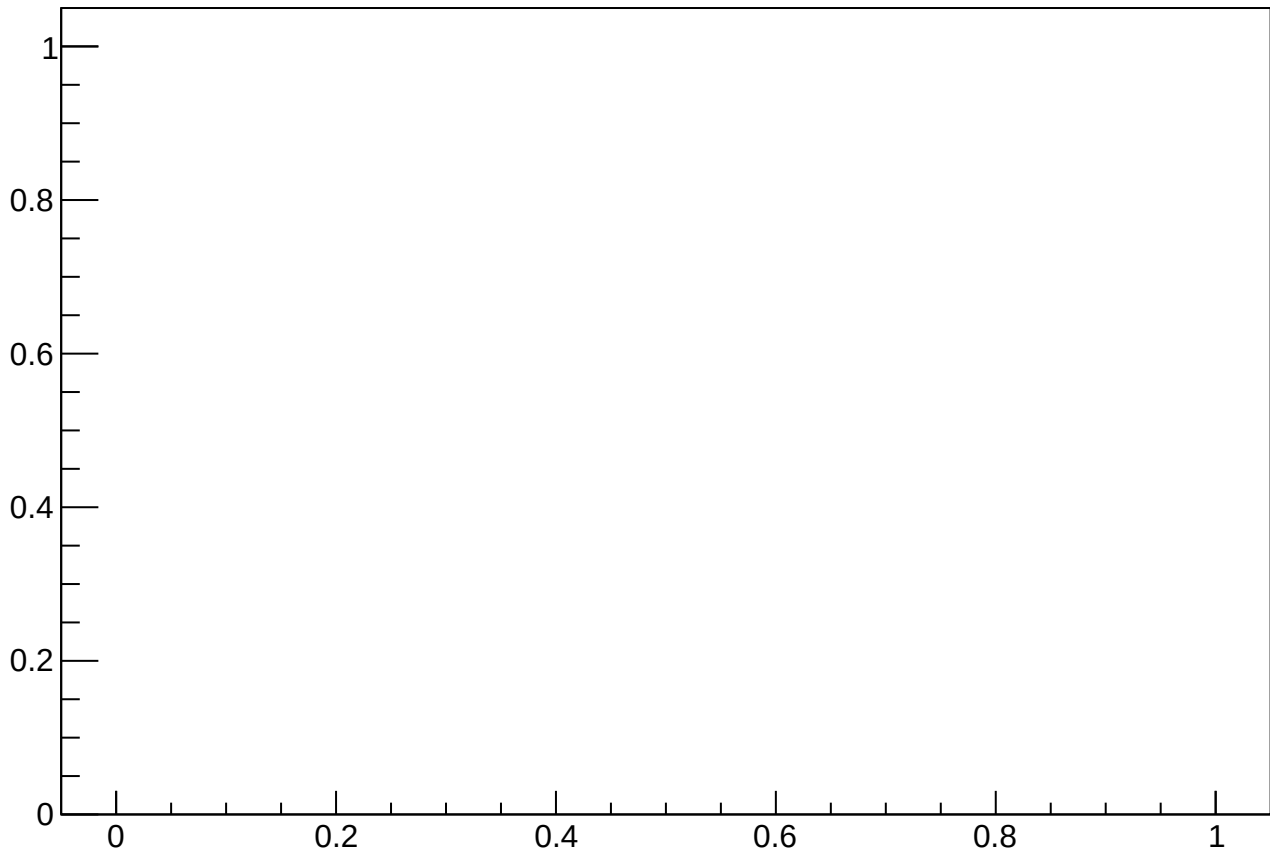
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

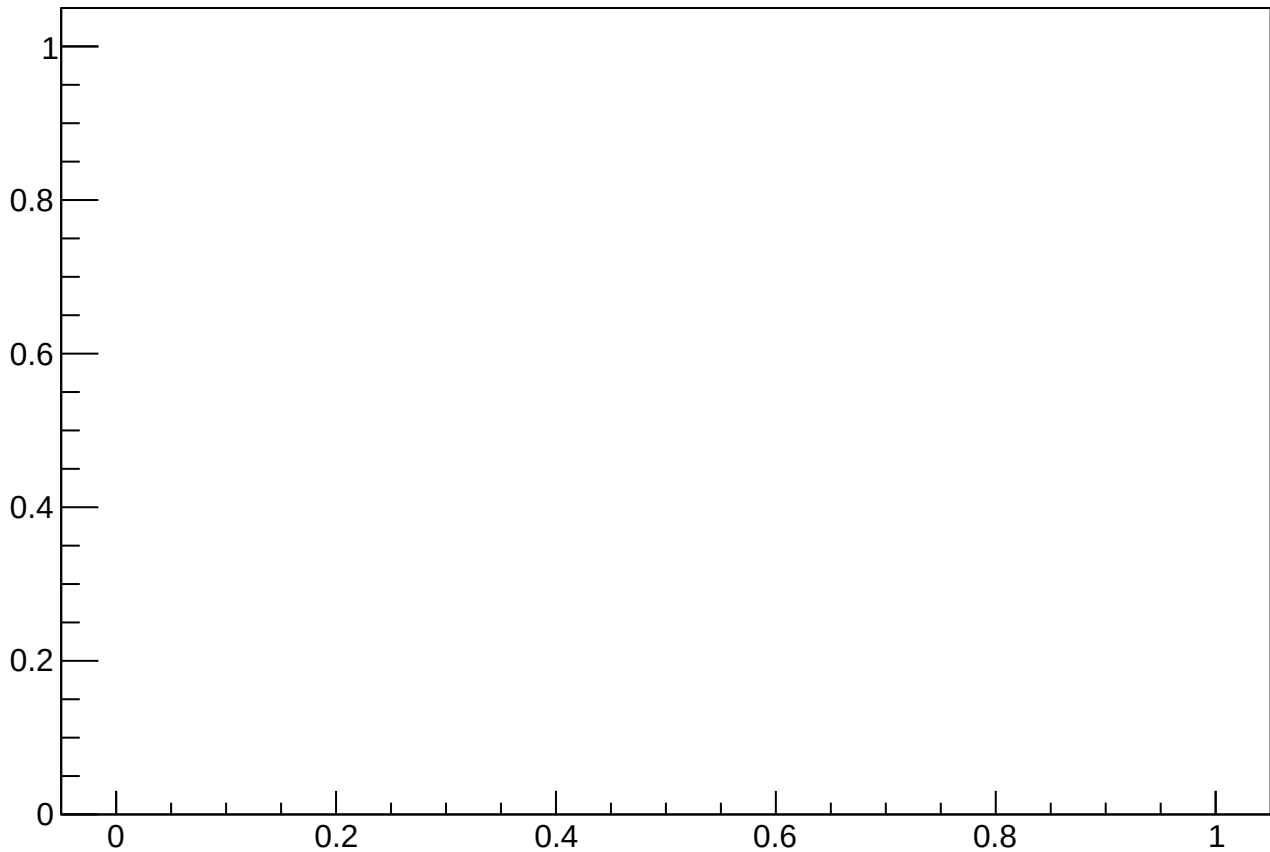
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_rms vs slug



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

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

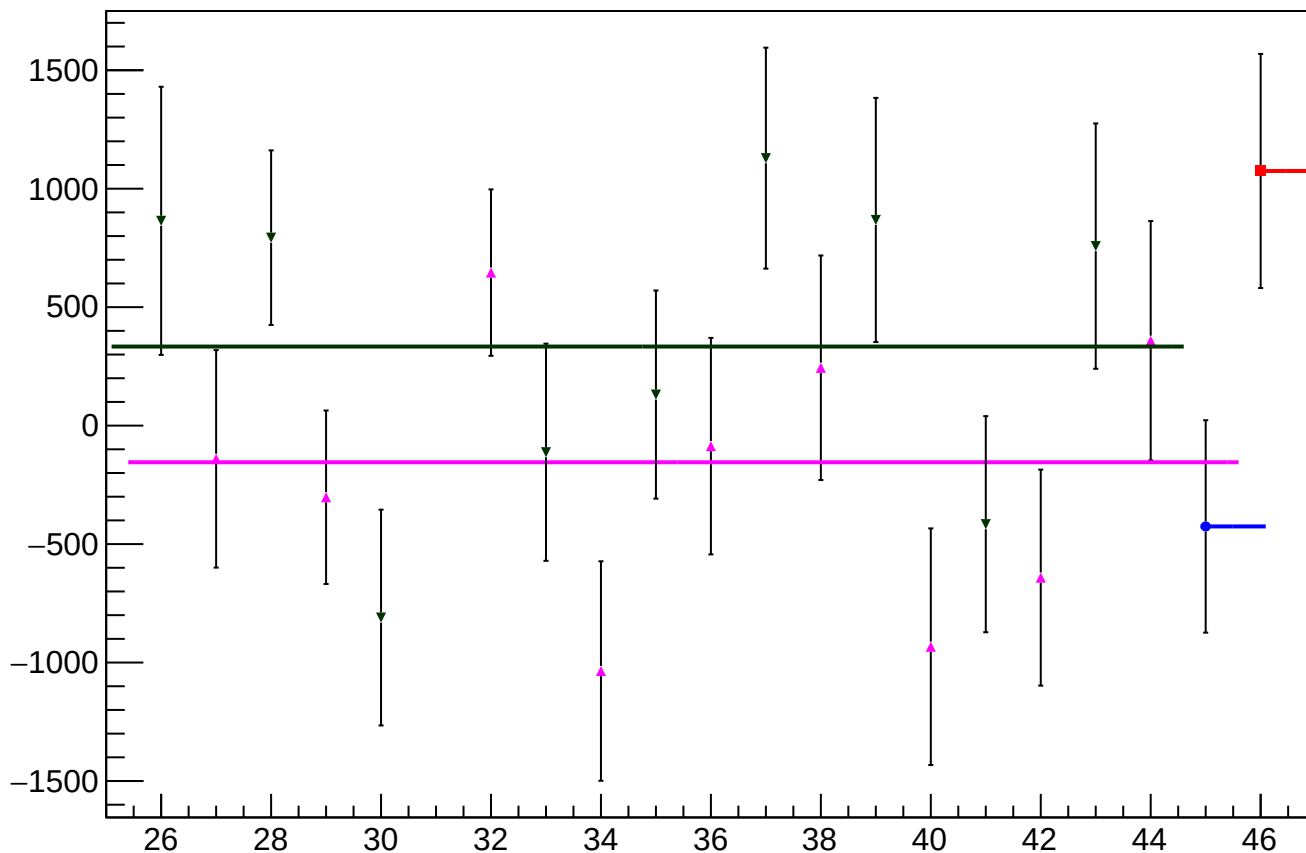
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -425.463+/-448.277 χ^2 /NDF: 0.0/0

Left Out: 333.723+/-154.013 χ^2 /NDF:17.3/8

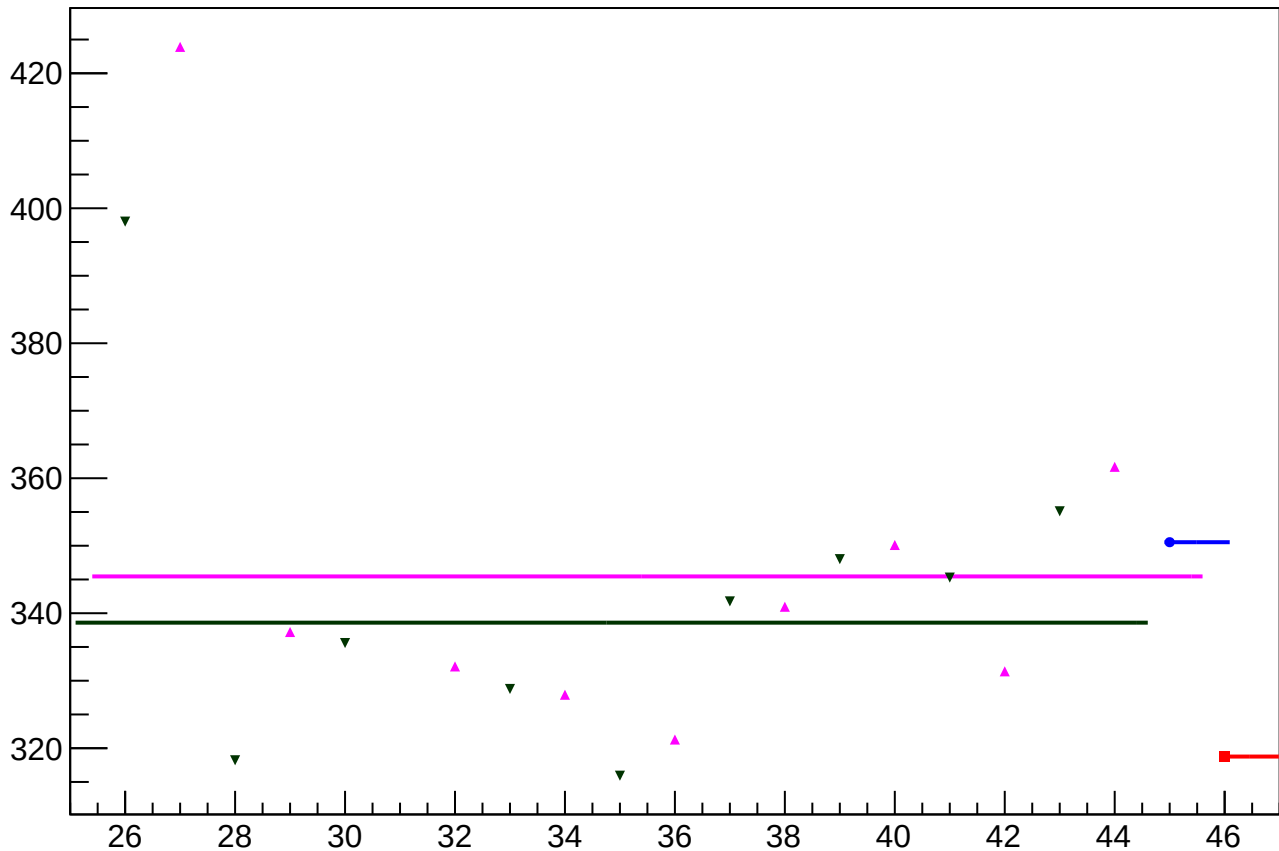
Right Out: 1074.809+/-494.071 χ^2 /NDF: 0.0/0

Left In: -154.649+/-145.928 χ^2 /NDF:14.3/8

253.571+/-145.656 χ^2 /NDF: 19.8/9

-56.001+/-139.951 χ^2 /NDF: 20.0/9

reg_asym_sam_15_dd_rms vs slug



Right In: 350.523+/-0.317 χ^2/NDF : 0.0/0

Left Out: 338.603+/-0.109 χ^2/NDF : 37731.2/8

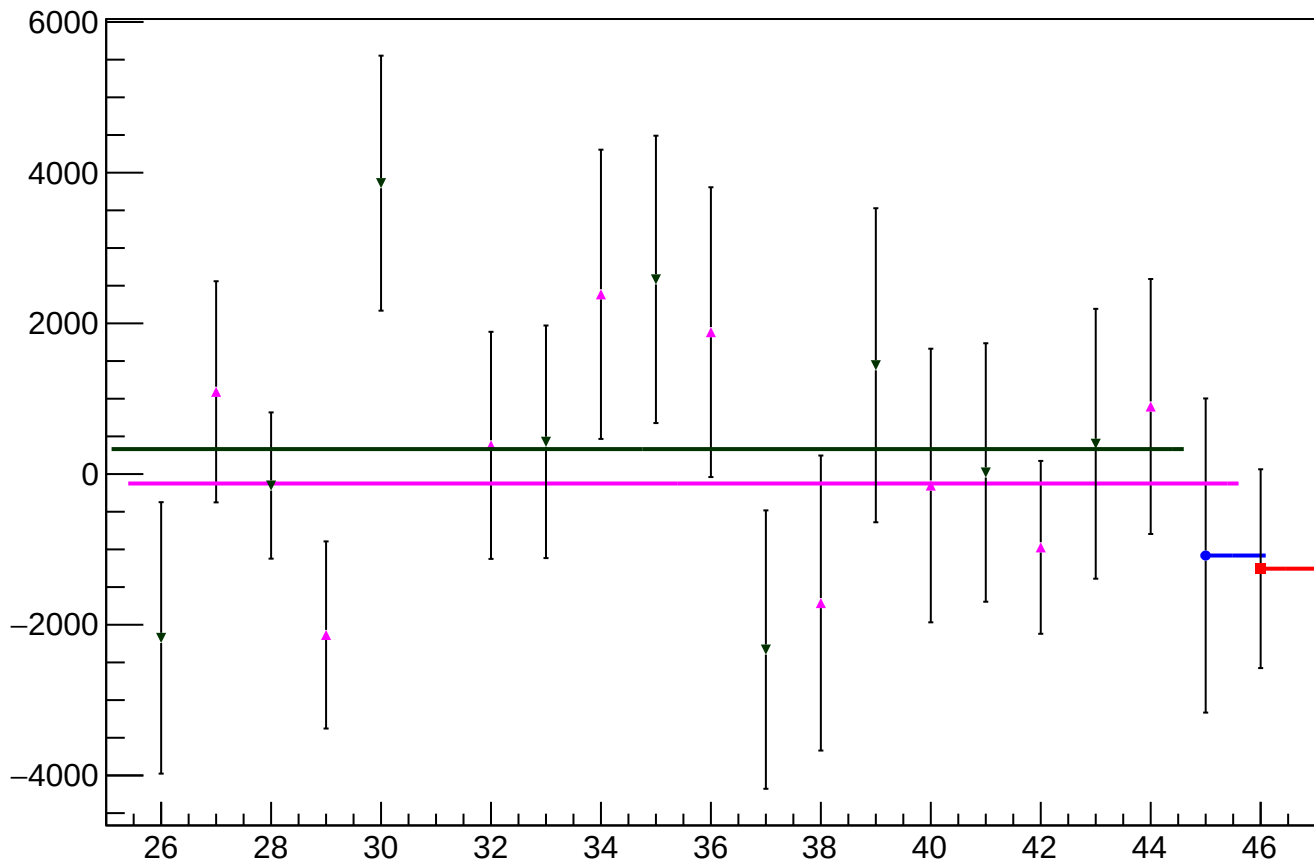
339.861+/-0.103 χ^2/NDF : 38996.0/9

Right Out: 318.763+/-0.349 χ^2/NDF : 0.0/0

343.312+/-0.099 χ^2/NDF : 80470.2/9

Left In: 345.453+/-0.103 χ^2/NDF : 75102.1/8

asym_sam_15_dd_correction_mean vs slug



Right In: -1081.154+/-2084.755 χ^2 /NDF: 0.0/0

Left Out: 331.481+/-527.893 χ^2 /NDF:10.3/8

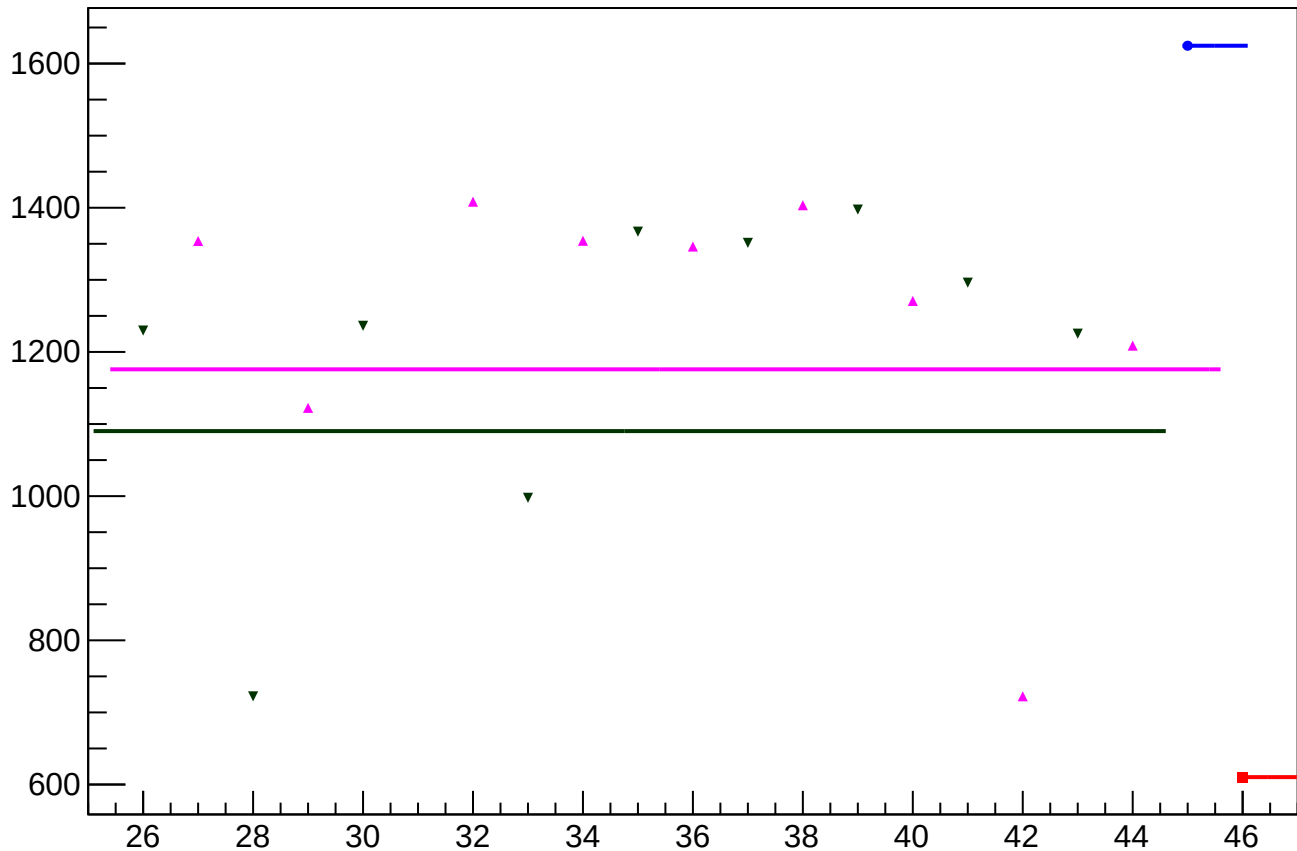
246.363+/-511.742 χ^2 /NDF: 10.8/9

Right Out: -1255.741+/-1319.294 χ^2 /NDF: 0.0/0

-274.805+/-479.865 χ^2 /NDF: 8.4/9

Left In: -125.241+/-515.151 χ^2 /NDF:7.8/8

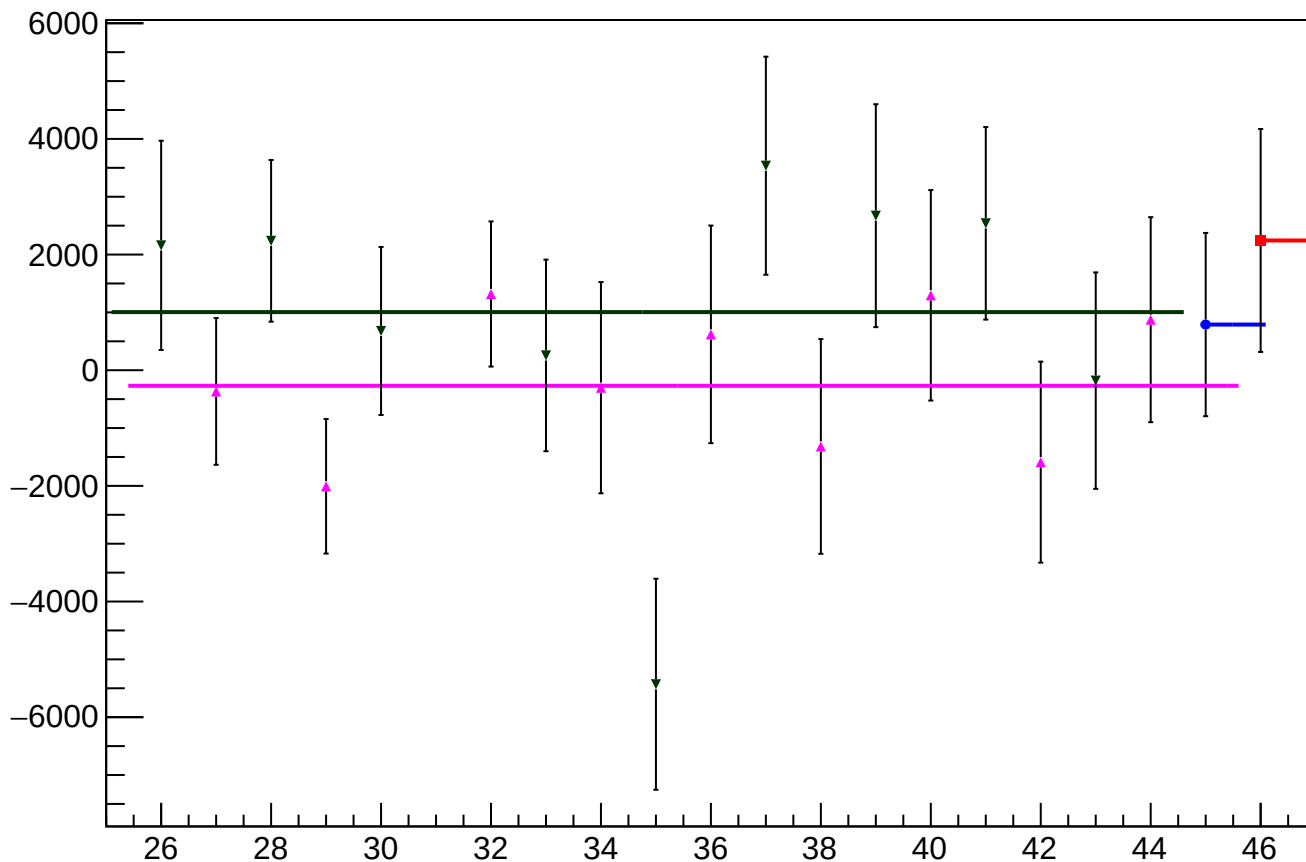
asym_sam_15_dd_correction_rms vs slug



Right In: 1624.720+/-1.474 χ^2/NDF : 0.0/0
 Left Out: 1090.209+/-0.373 χ^2/NDF : 487169.4/8
 Right Out: 610.255+/-0.933 χ^2/NDF : 0.0/0
 Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

1122.416+/-0.362 χ^2/NDF : 610719.9/9
 1101.042+/-0.339 χ^2/NDF : 778456.6/9

reg_asym_sam_26_dd_mean vs slug



Right In: 789.494+/-1584.614 χ^2/NDF : 0.0/0

Left Out: 1004.954+/-563.215 χ^2/NDF : 17.7/8

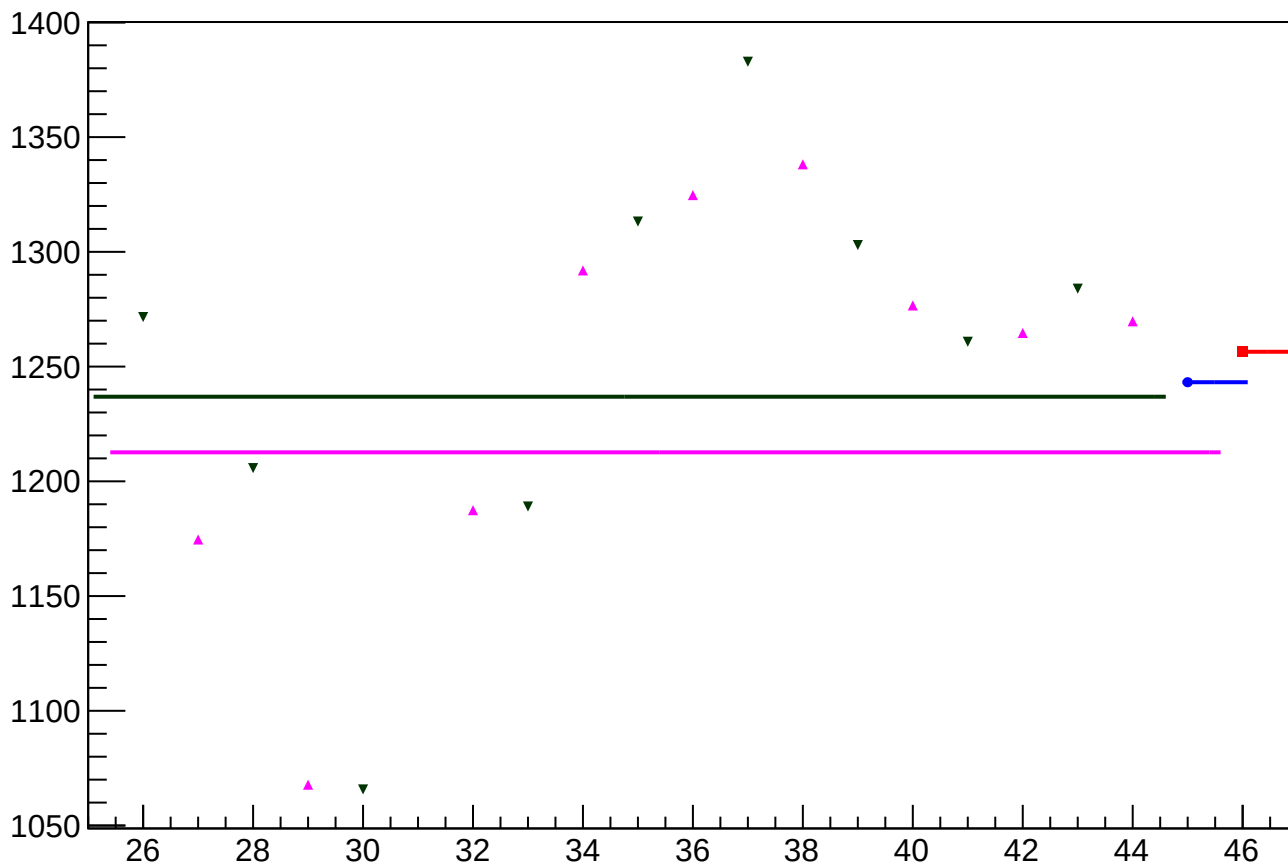
980.788+/-530.691 χ^2/NDF : 17.7/9

Right Out: 2243.694+/-1927.494 χ^2/NDF : 0.0/0

-103.649+/-494.631 χ^2/NDF : 7.7/9

Left In: -269.126+/-511.768 χ^2/NDF : 6.1/8

reg_asym_sam_26_dd_rms vs slug



Right In: 1243.189 ± 1.120 χ^2/NDF : 0.0/0

Left Out: 1236.870 ± 0.398 χ^2/NDF : 50666.9/8

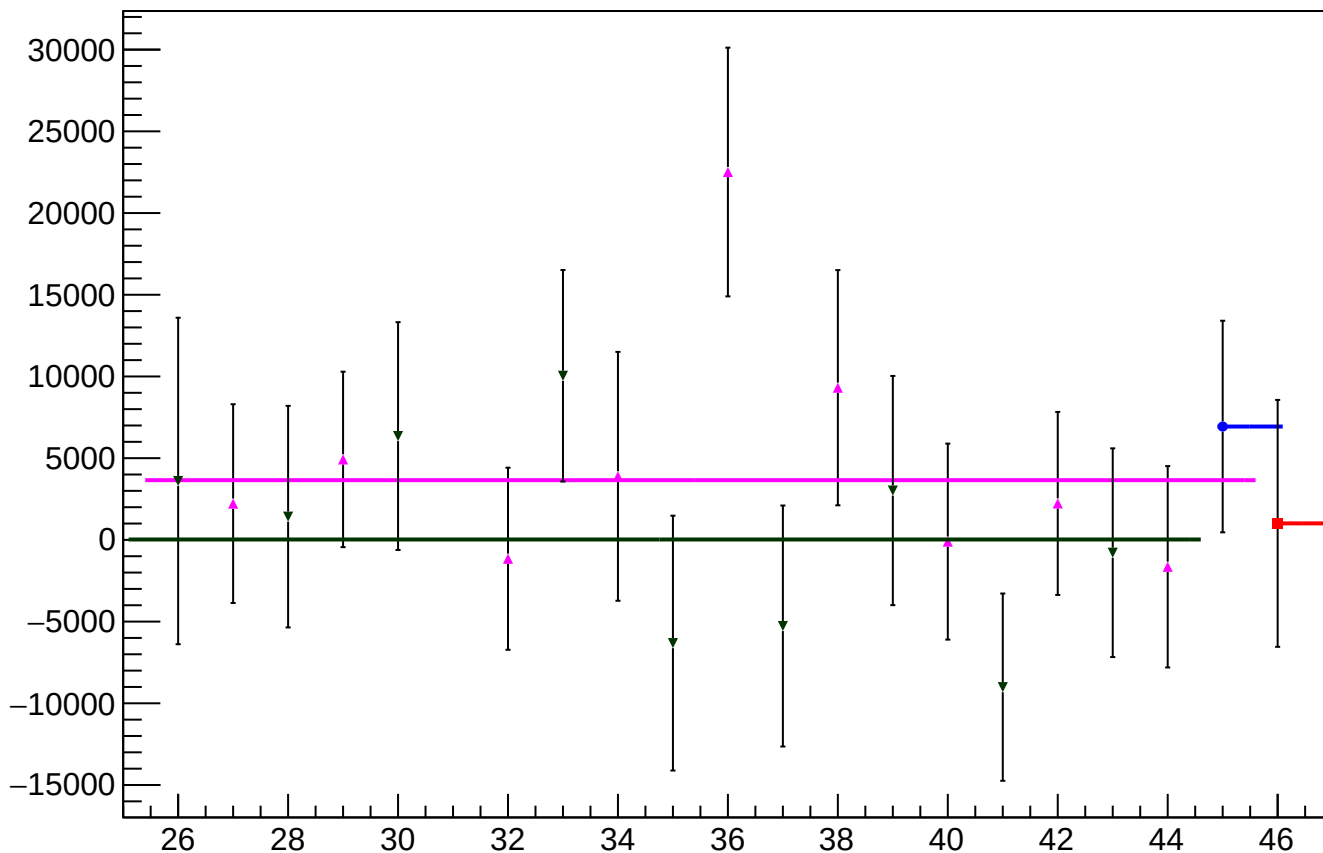
Right Out: 1256.457 ± 1.363 χ^2/NDF : 0.0/0

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1237.579 ± 0.375 χ^2/NDF : 50695.2/9

1215.524 ± 0.350 χ^2/NDF : 60903.3/9

asym_sam_26_dd_correction_mean vs slug



Right In: 6935.826 $\pm$ 6474.051 χ^2 /NDF: 0.0/0

Left Out: 23.937 $\pm$ 2316.200 χ^2 /NDF: 7.3/8

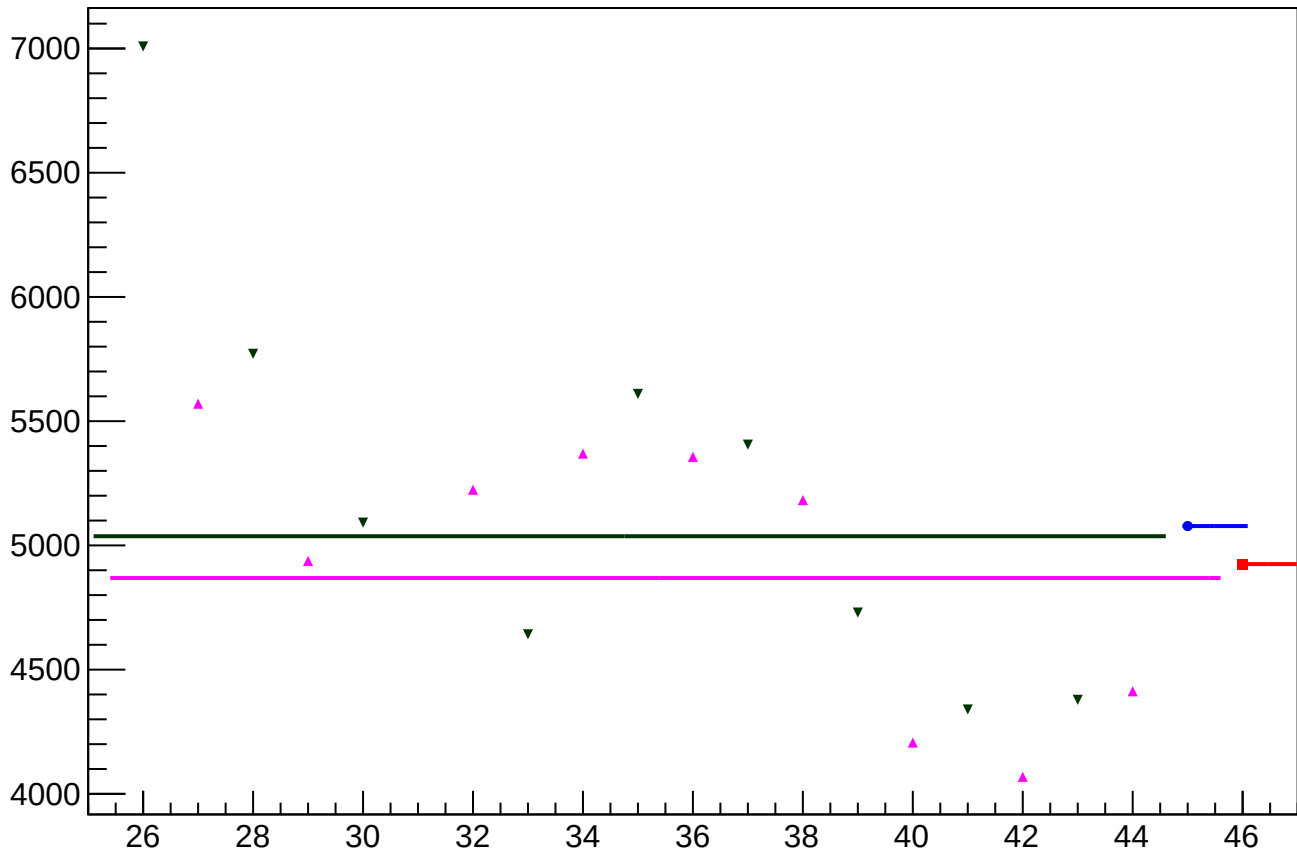
Right Out: 1010.072 $\pm$ 7554.681 χ^2 /NDF: 0.0/0

Left In: 3653.038 $\pm$ 2068.097 χ^2 /NDF: 8.8/8

808.248 $\pm$ 2180.831 χ^2 /NDF: 8.3/9

3468.784 $\pm$ 1994.706 χ^2 /NDF: 8.9/9

asym_sam_26_dd_correction_rms vs slug



Right In: 5077.860 ± 4.578 χ^2/NDF : 0.0/0

Left Out: 5036.928 ± 1.638 χ^2/NDF : 179439.1/8

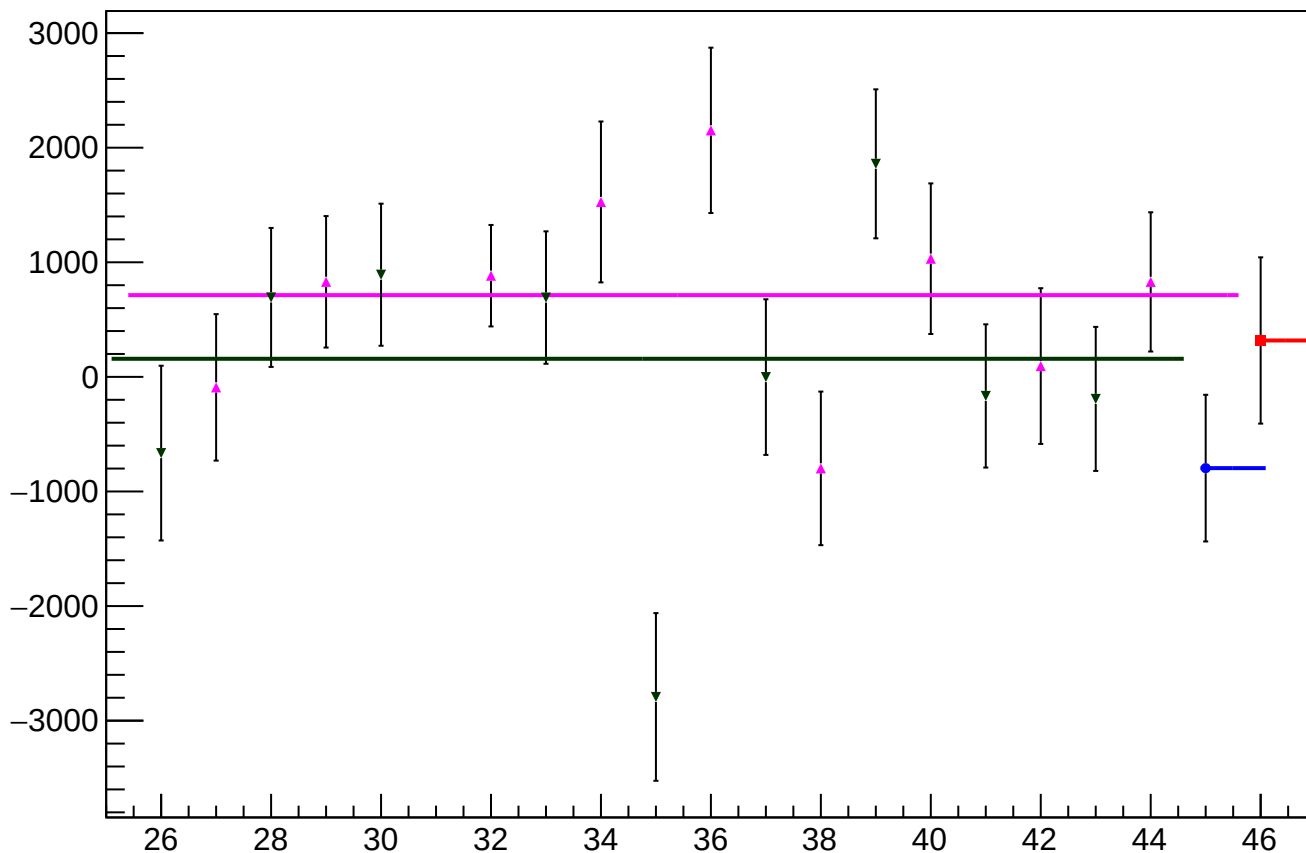
Right Out: 4924.690 ± 5.342 χ^2/NDF : 0.0/0

Left In: 4868.644 ± 1.462 χ^2/NDF : 131901.5/8

5041.573 ± 1.542 χ^2/NDF : 179510.0/9

4872.551 ± 1.410 χ^2/NDF : 132003.9/9

reg_asym_sam_37_dd_mean vs slug



Right In: -796.257+/-639.938 χ^2/NDF : 0.0/0

Left Out: 157.928+/-215.506 χ^2/NDF : 28.0/8

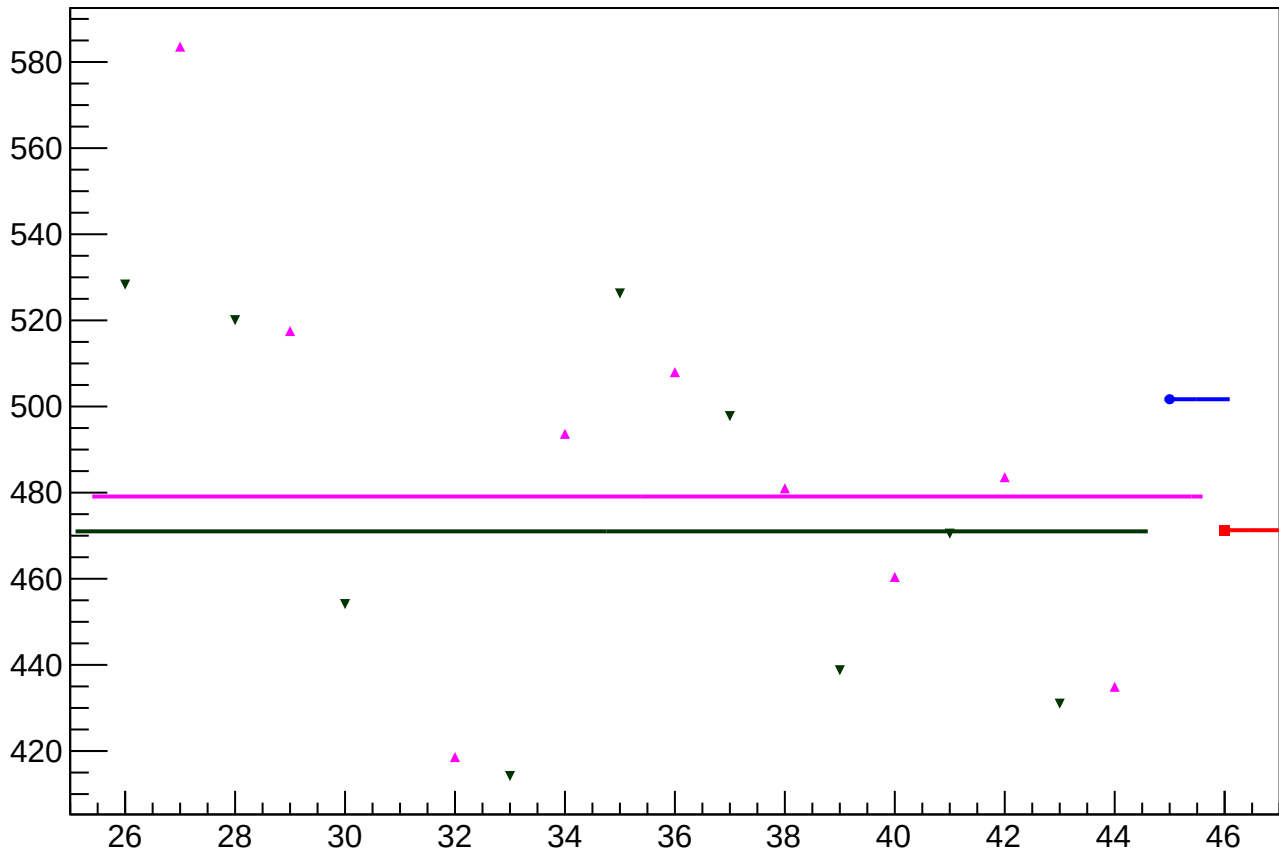
Right Out: 317.663+/-725.504 χ^2/NDF : 0.0/0

Left In: 713.441+/-204.299 χ^2/NDF : 13.3/8

60.738+/-204.236 χ^2/NDF : 30.0/9

684.363+/-196.651 χ^2/NDF : 13.6/9

reg_asym_sam_37_dd_rms vs slug



Right In: 501.689 $\pm$ 0.453 χ^2 /NDF: 0.0/0

Left Out: 471.009 $\pm$ 0.152 χ^2 /NDF: 72737.7/8

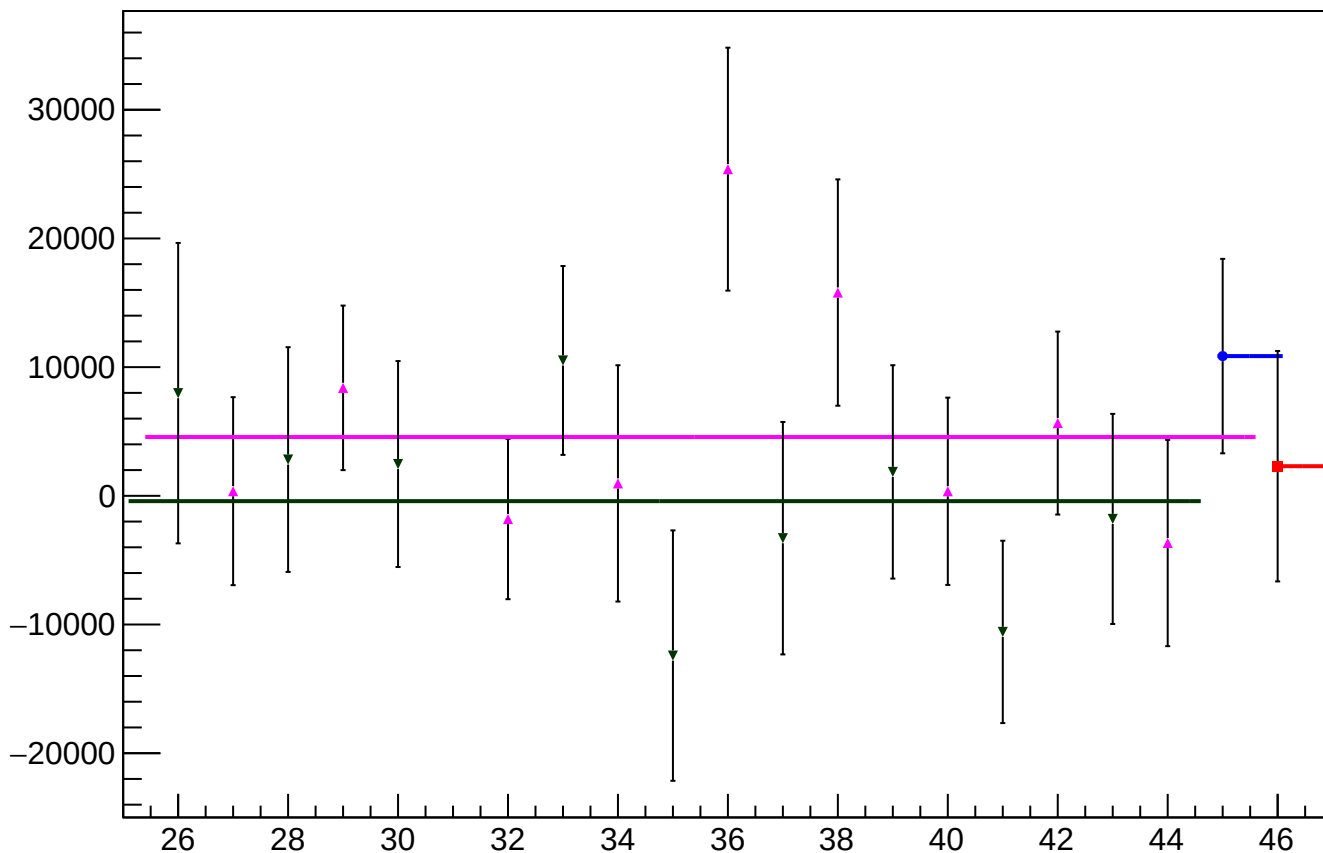
474.134 $\pm$ 0.144 χ^2 /NDF: 76866.3/9

Right Out: 471.278 $\pm$ 0.513 χ^2 /NDF: 0.0/0

478.526 $\pm$ 0.139 χ^2 /NDF: 116345.9/9

Left In: 479.100 $\pm$ 0.144 χ^2 /NDF: 116130.5/8

asym_sam_37_dd_correction_mean vs slug



Right In: 10858.325 $\pm$ 7555.265 χ^2 /NDF: 0.0/0

Left Out: -413.785 $\pm$ 2806.714 χ^2 /NDF: 6.8/8

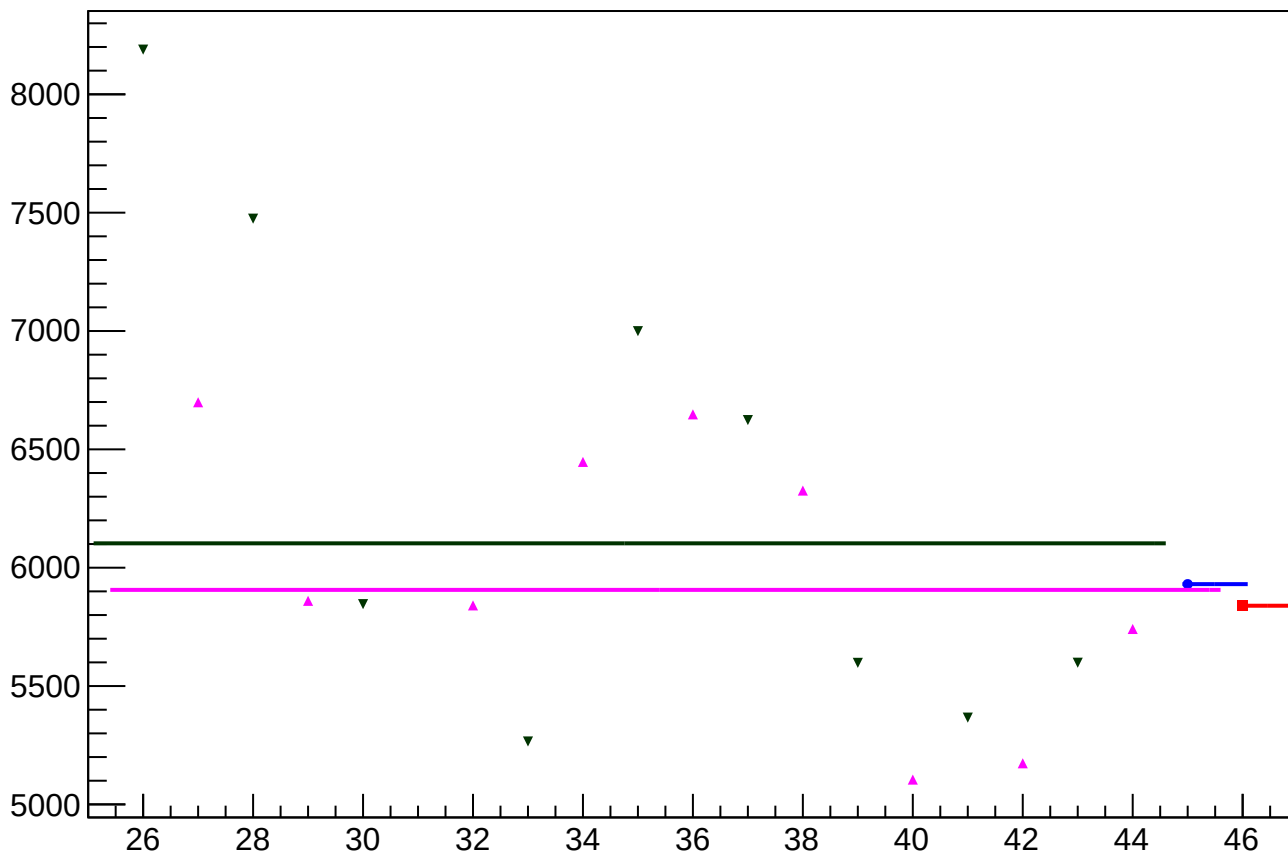
Right Out: 2302.498 $\pm$ 8953.828 χ^2 /NDF: 0.0/0

Left In: 4568.925 $\pm$ 2506.004 χ^2 /NDF: 9.8/8

953.181 $\pm$ 2631.031 χ^2 /NDF: 8.7/9

4404.285 $\pm$ 2413.267 χ^2 /NDF: 9.9/9

asym_sam_37_dd_correction_rms vs slug



Right In: 5930.577+/-5.342 χ^2/NDF : 0.0/0

Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

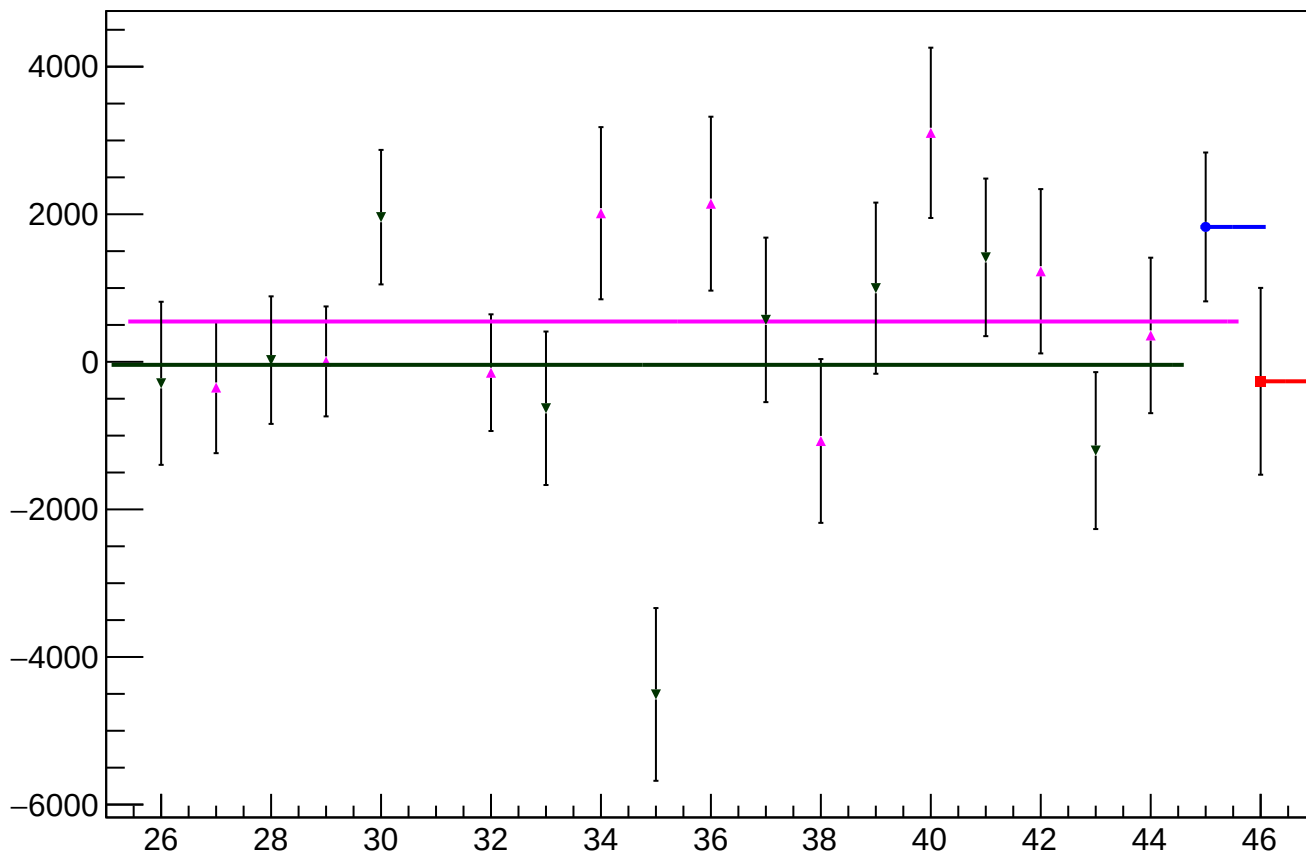
Right Out: 5839.354+/-6.331 χ^2/NDF : 0.0/0

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

6082.036+/-1.860 χ^2/NDF : 202512.7/9

5901.428+/-1.706 χ^2/NDF : 94171.4/9

reg_asym_sam_48_dd_mean vs slug



Right In: 1828.169+/-1008.741 χ^2/NDF : 0.0/0

Left Out: -40.923+/-346.578 χ^2/NDF : 23.9/8

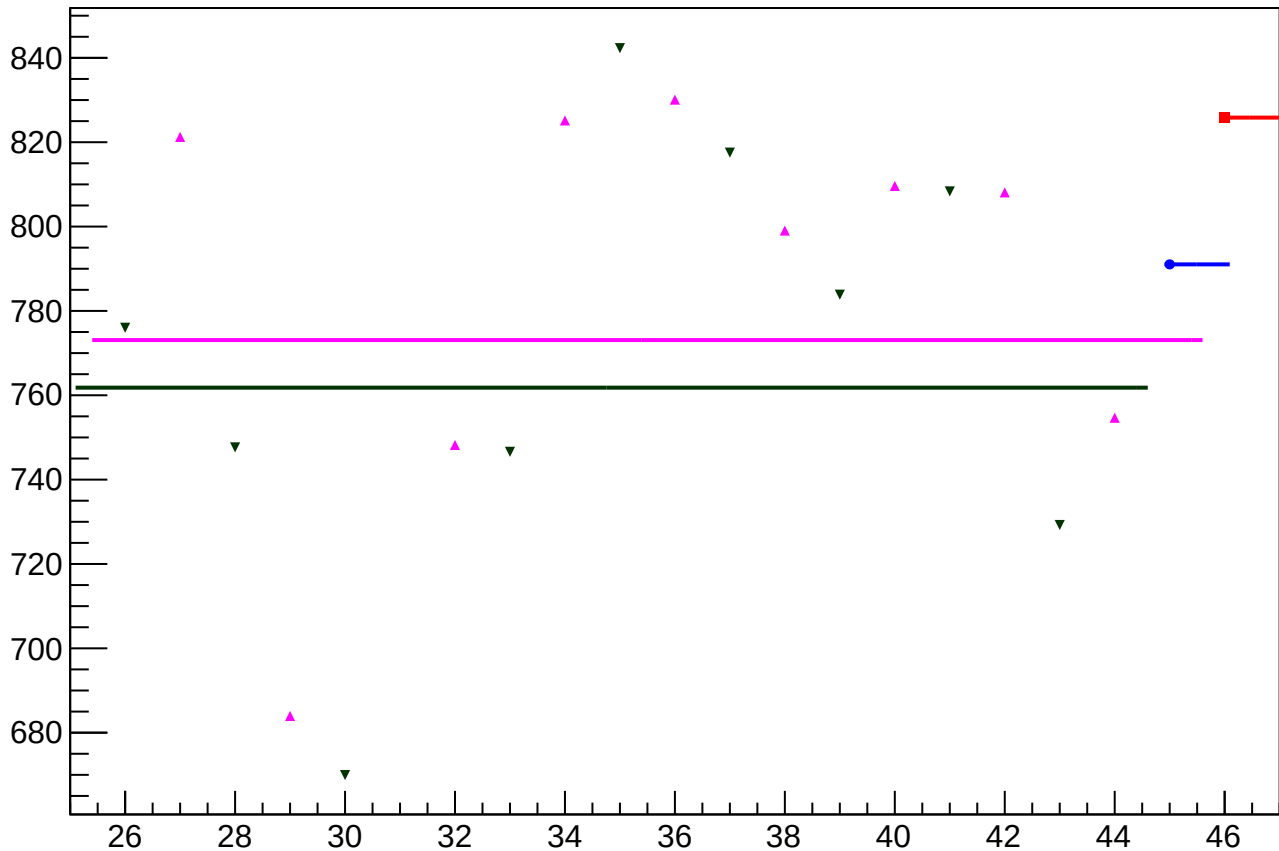
Right Out: -263.927+/-1266.013 χ^2/NDF : 0.0/0

Left In: 546.535+/-326.373 χ^2/NDF : 13.2/8

156.416+/-327.771 χ^2/NDF : 27.0/9

496.030+/-316.040 χ^2/NDF : 13.6/9

reg_asym_sam_48_dd_rms vs slug



Right In: 791.037 $\pm$ 0.713 χ^2 /NDF: 0.0/0

Left Out: 761.807 $\pm$ 0.245 χ^2 /NDF: 42466.1/8

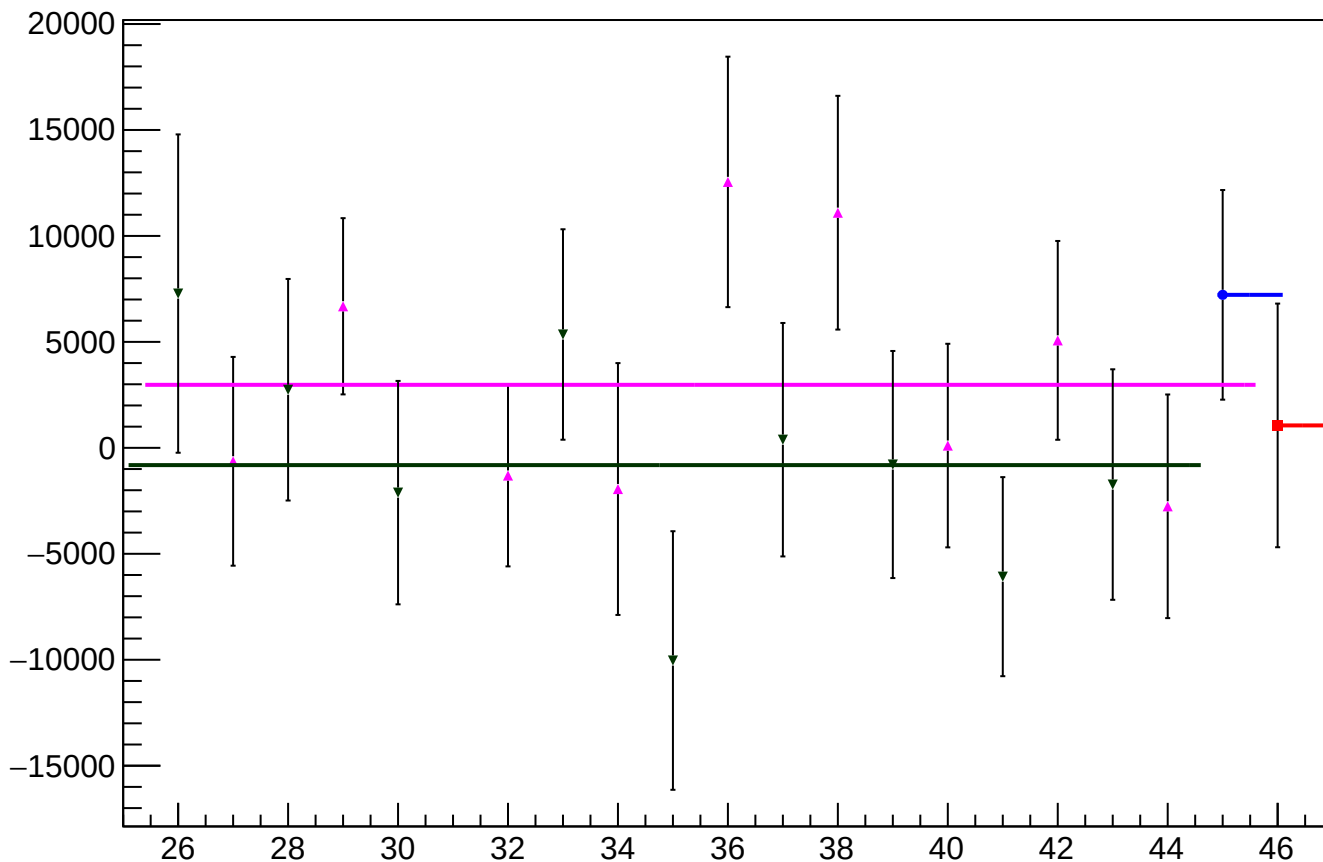
764.893 $\pm$ 0.232 χ^2 /NDF: 43968.1/9

Right Out: 825.838 $\pm$ 0.895 χ^2 /NDF: 0.0/0

776.376 $\pm$ 0.223 χ^2 /NDF: 54065.0/9

Left In: 773.088 $\pm$ 0.231 χ^2 /NDF: 50809.2/8

asym_sam_48_dd_correction_mean vs slug



Right In: 7219.747+/-4946.163 χ^2/NDF : 0.0/0

Left Out: -814.730+/-1811.752 χ^2/NDF : 6.8/8

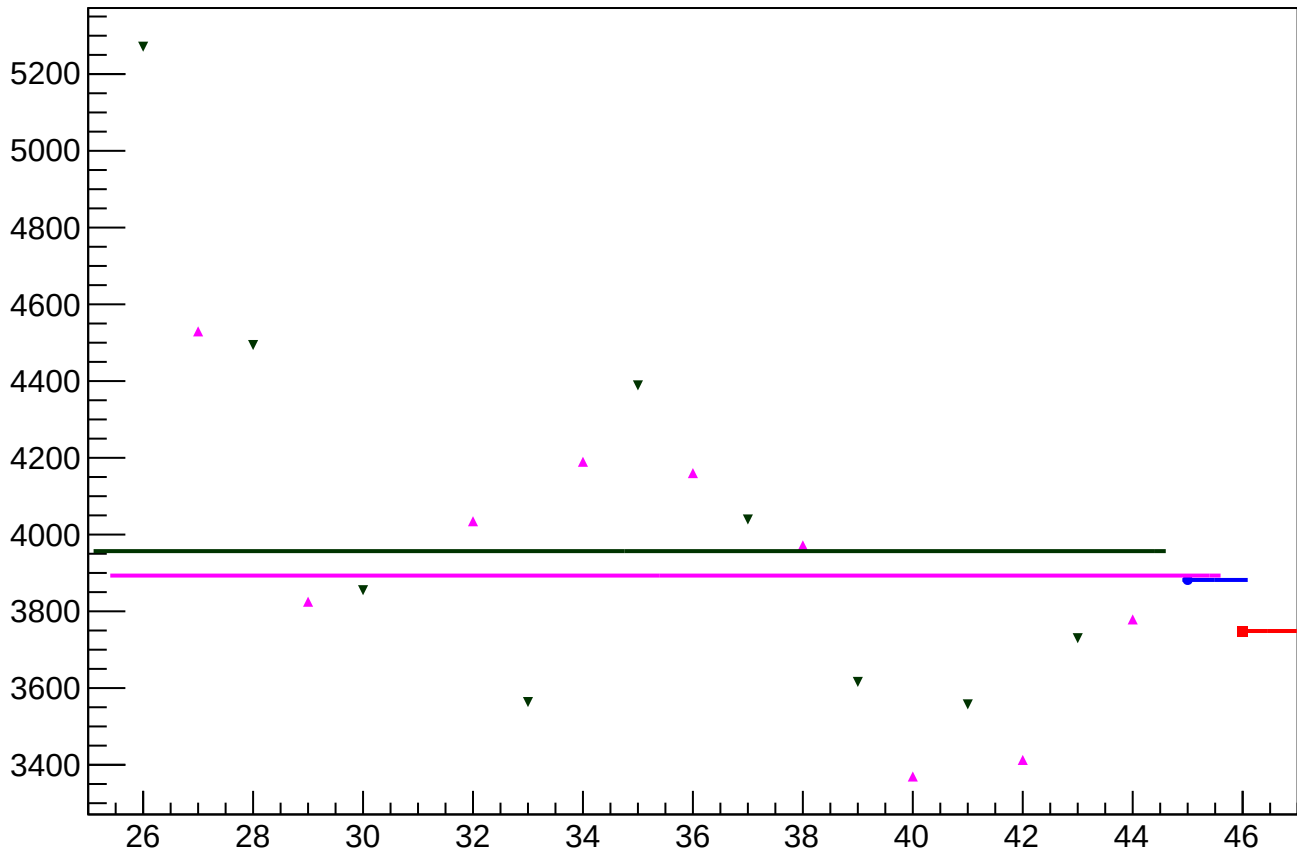
Right Out: 1058.173+/-5748.787 χ^2/NDF : 0.0/0

Left In: 2973.562+/-1648.529 χ^2/NDF : 9.5/8

135.742+/-1701.215 χ^2/NDF : 9.2/9

2828.023+/-1584.661 χ^2/NDF : 9.6/9

asym_sam_48_dd_correction_rms vs slug



Right In: 3881.746+/-3.497 χ^2/NDF : 0.0/0

Left Out: 3956.868+/-1.281 χ^2/NDF :132161.2/8

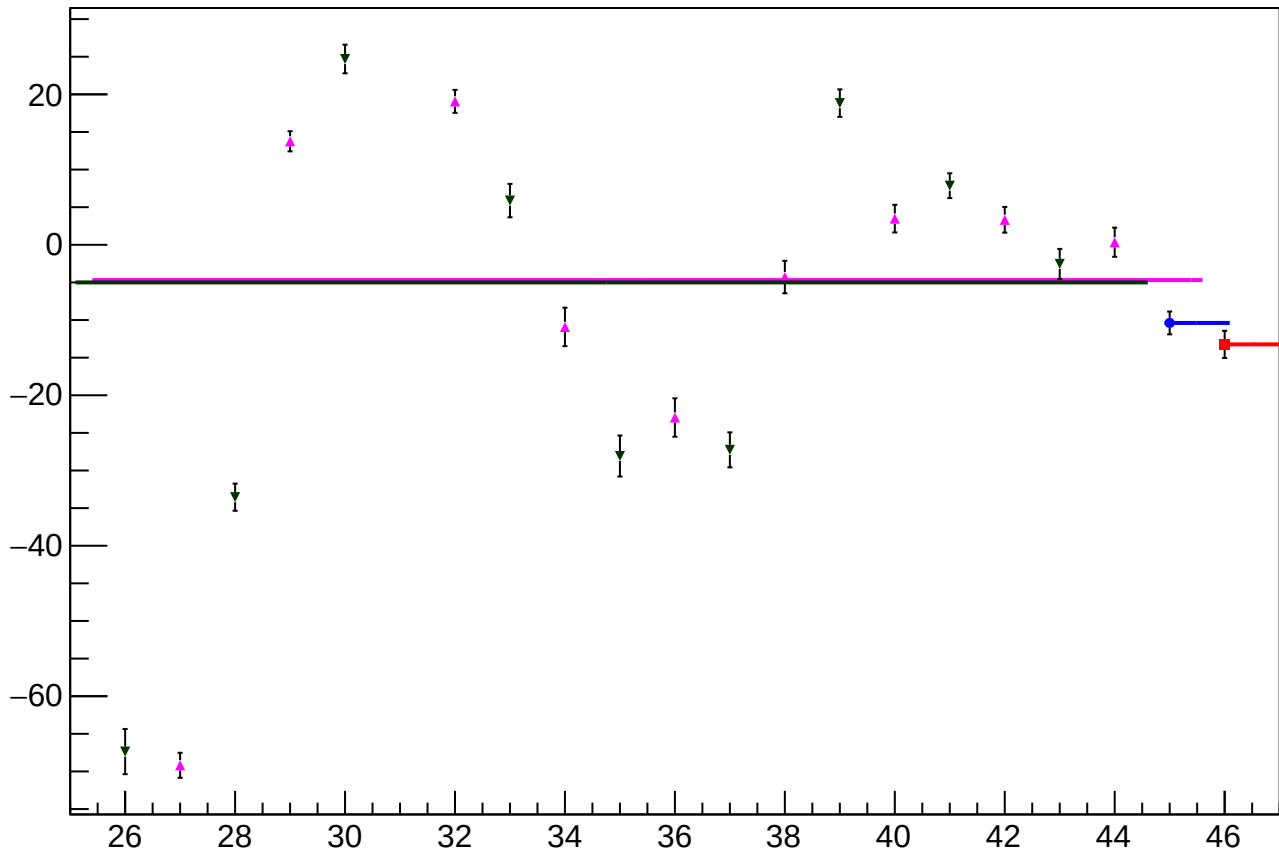
3947.981+/-1.203 χ^2/NDF : 132568.0/9

Right Out: 3748.695+/-4.065 χ^2/NDF : 0.0/0

3882.172+/-1.121 χ^2/NDF : 92413.5/9

Left In: 3893.148+/-1.166 χ^2/NDF :91246.6/8

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -10.385 ± 1.517 χ^2/NDF : 0.0/0

-5.910 ± 0.624 χ^2/NDF : 1353.4/9

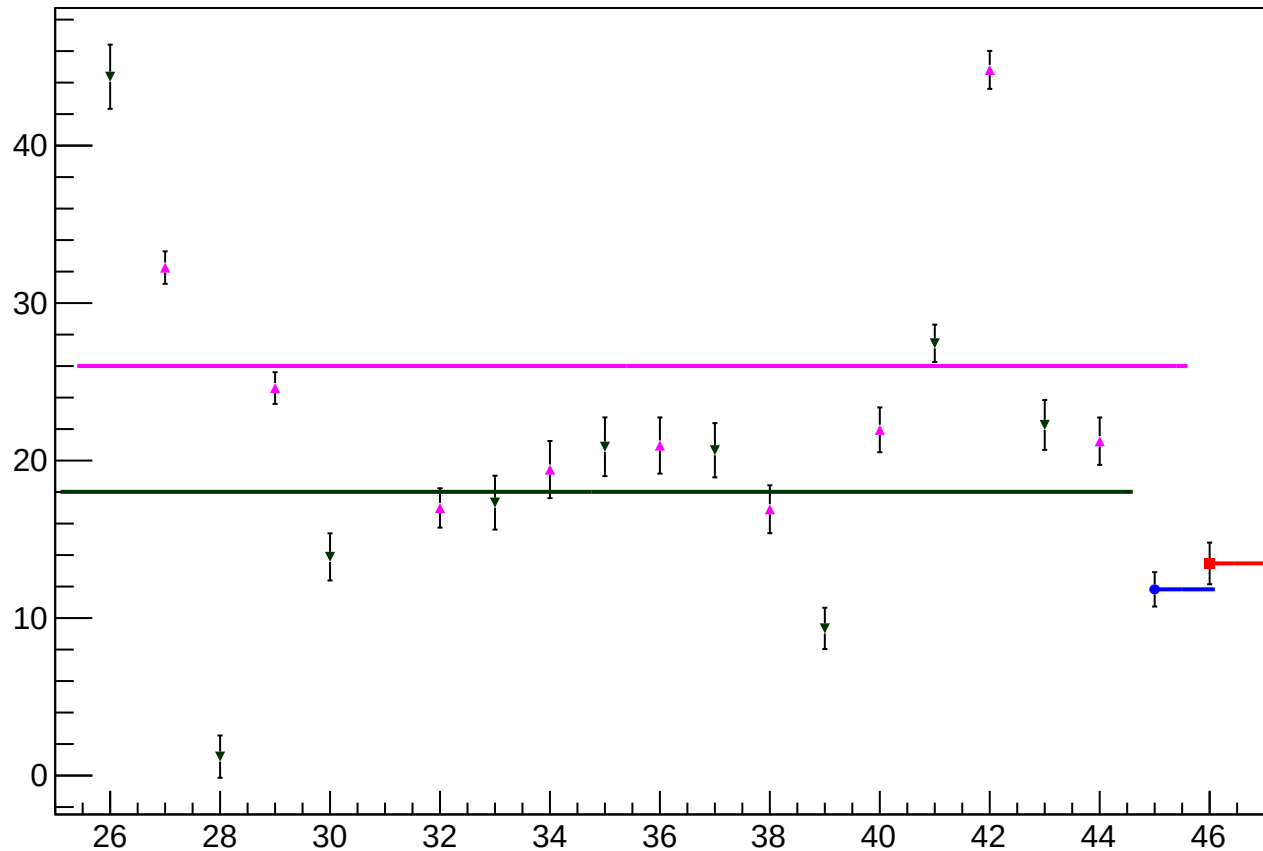
Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

Right Out: -13.234 ± 1.804 χ^2/NDF : 0.0/0

-5.539 ± 0.570 χ^2/NDF : 2062.4/9

Left In: -4.688 ± 0.600 χ^2/NDF : 2042.2/8

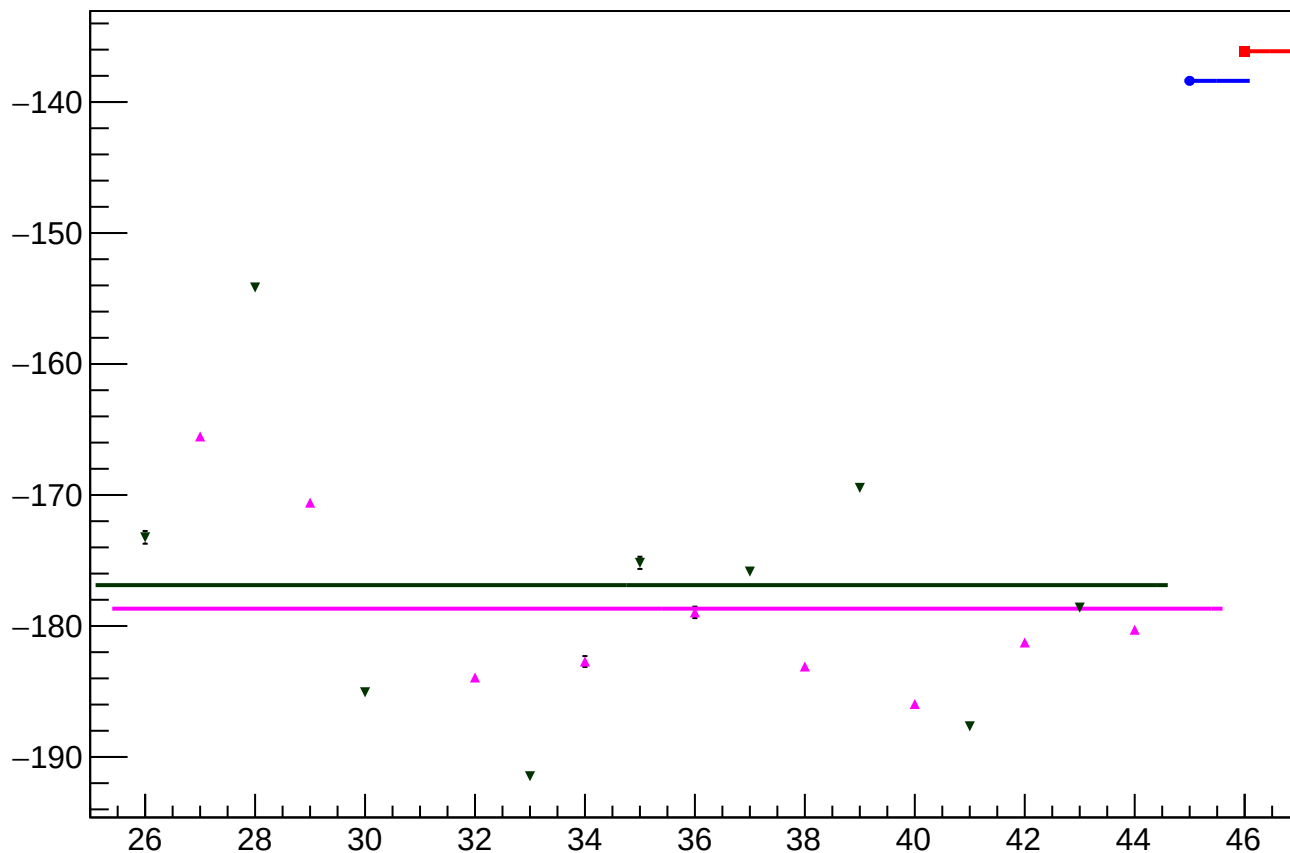
reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 11.824+/-1.092 χ^2 /NDF: 0.0/0
 Left Out: 18.015+/-0.507 χ^2 /NDF:450.4/8
 Right Out: 13.470+/-1.323 χ^2 /NDF: 0.0/0
 Left In: 26.003+/-0.437 χ^2 /NDF:409.3/8

16.918+/-0.460 χ^2 /NDF: 476.9/9
 24.771+/-0.415 χ^2 /NDF: 490.3/9

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -138.382+/-0.242 χ^2/NDF : 0.0/0

Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

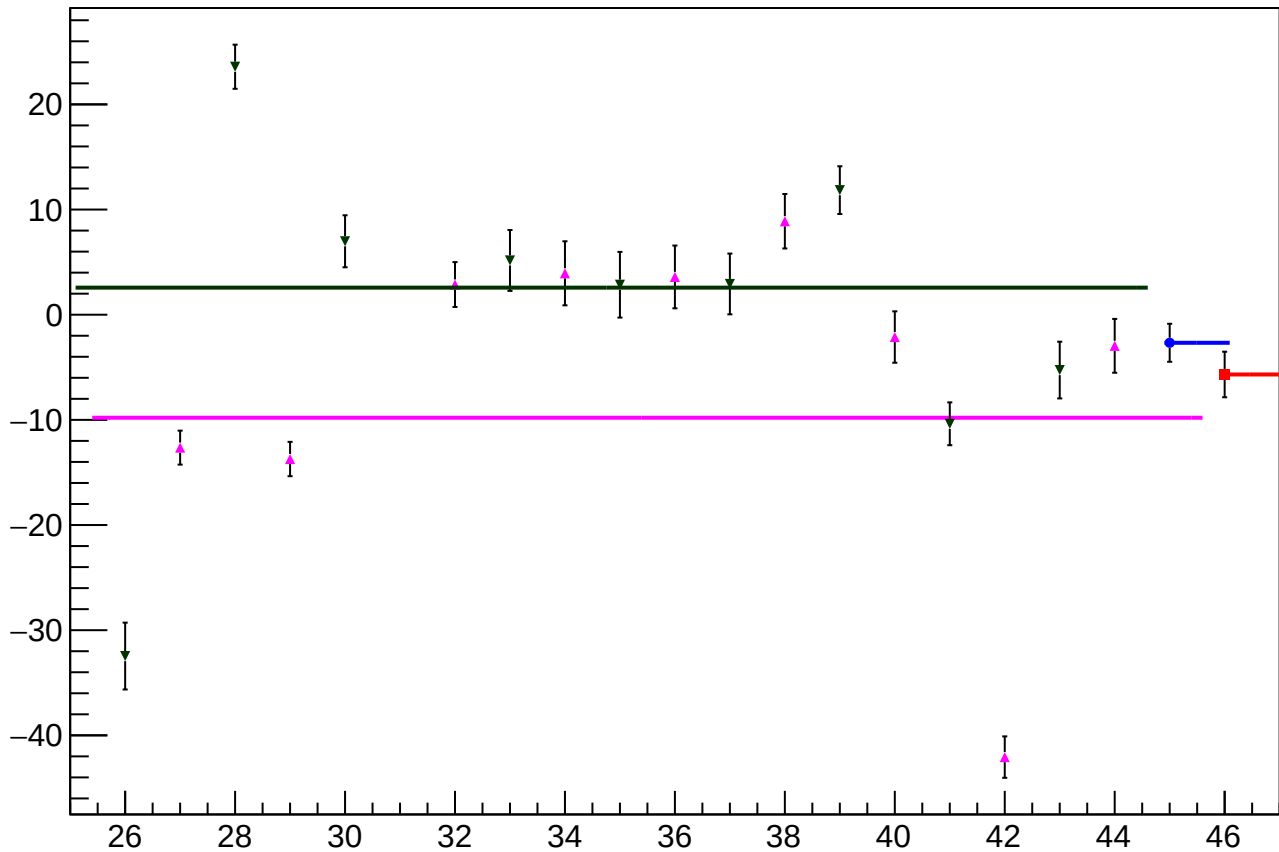
Right Out: -136.122+/-0.272 χ^2/NDF : 0.0/0

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-169.801+/-0.104 χ^2/NDF : 30318.6/9

-173.292+/-0.097 χ^2/NDF : 25610.3/9

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -2.670+/-1.807 χ^2/NDF : 0.0/0

Left Out: 2.574+/-0.844 χ^2/NDF : 291.3/8

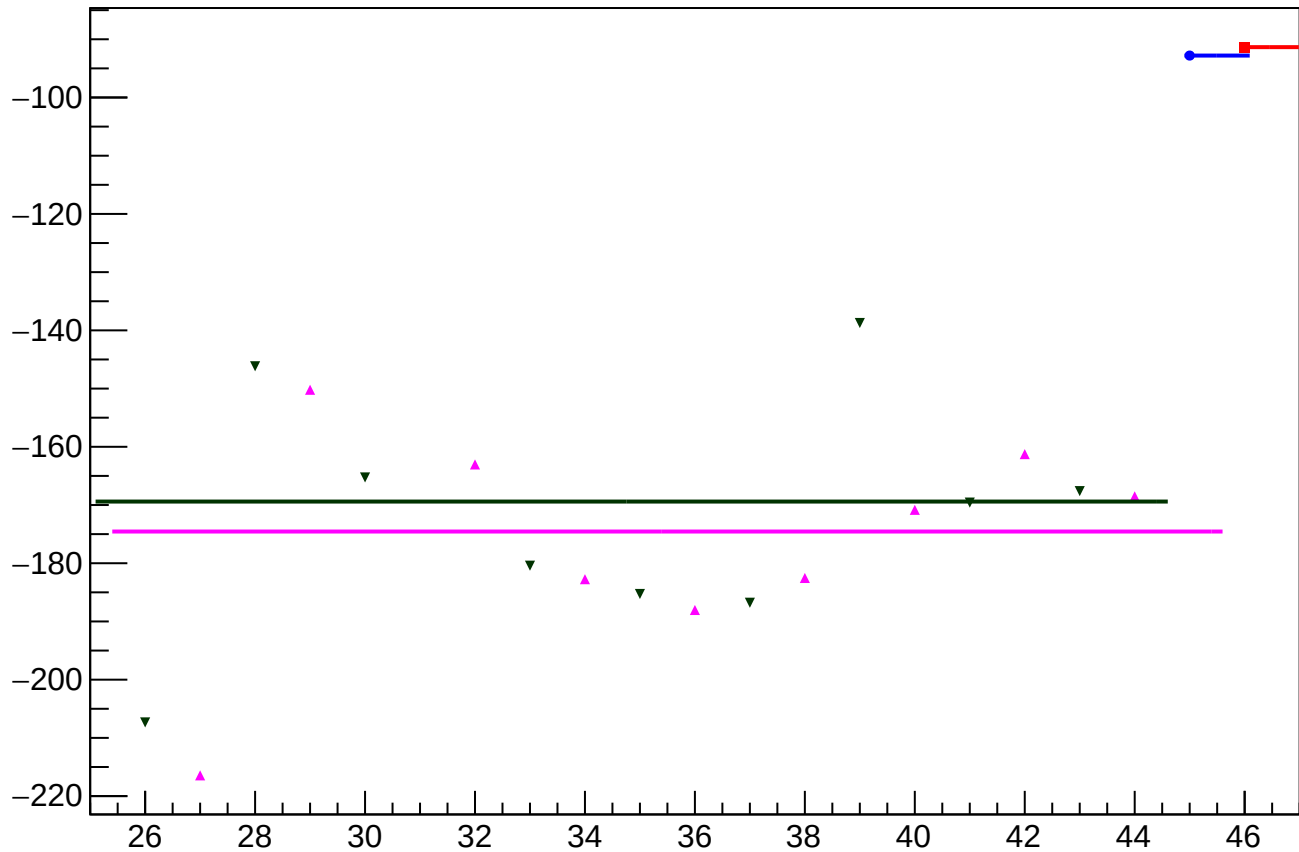
Right Out: -5.684+/-2.167 χ^2/NDF : 0.0/0

Left In: -9.798+/-0.721 χ^2/NDF : 422.2/8

1.635+/-0.765 χ^2/NDF : 298.2/9

-9.388+/-0.684 χ^2/NDF : 425.5/9

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -92.799+/-0.363 χ^2/NDF : 0.0/0

Left Out: -169.406+/-0.155 χ^2/NDF : 16565.2/8

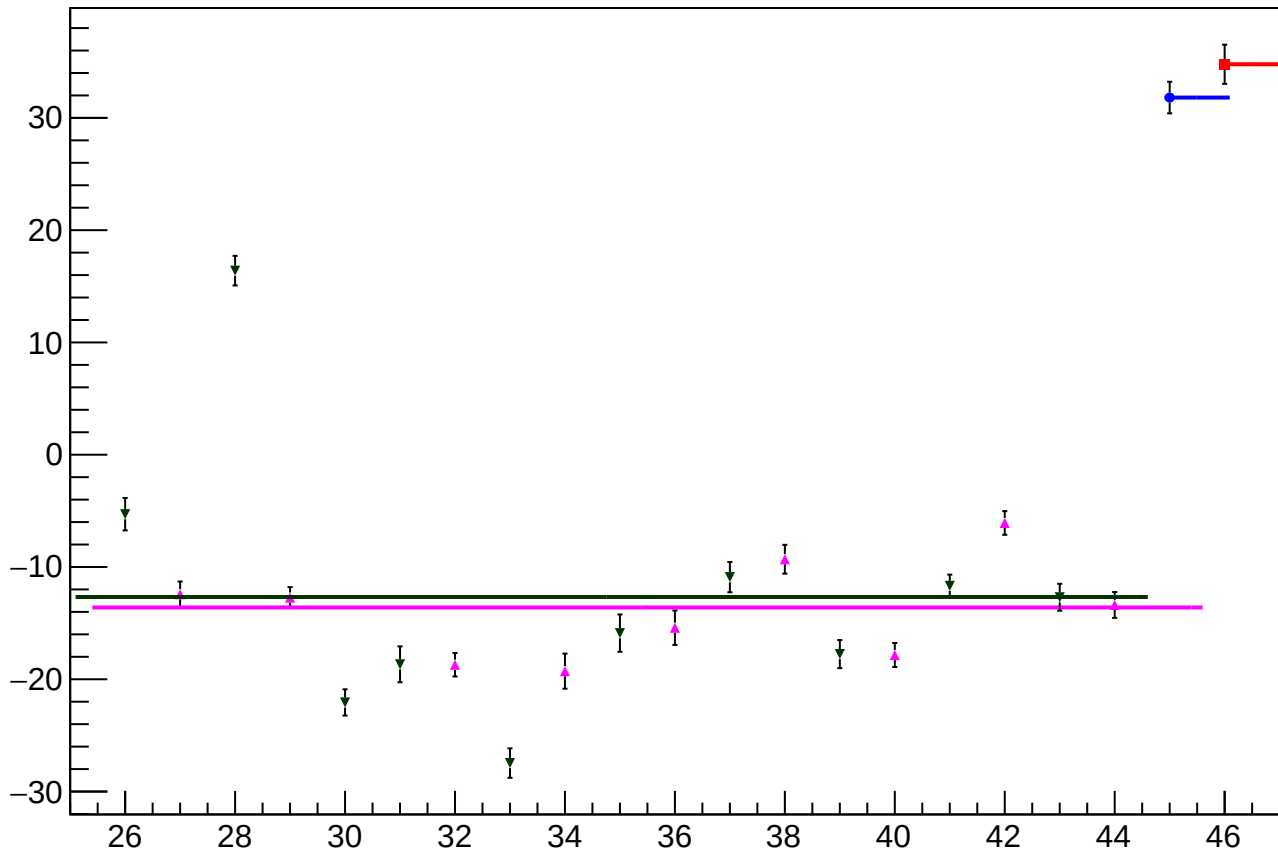
-157.532+/-0.143 χ^2/NDF : 54289.7/9

Right Out: -91.352+/-0.425 χ^2/NDF : 0.0/0

-165.152+/-0.143 χ^2/NDF : 51344.8/9

Left In: -174.554+/-0.152 χ^2/NDF : 17338.0/8

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 31.811 ± 1.408 χ^2/NDF : 0.0/0

Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

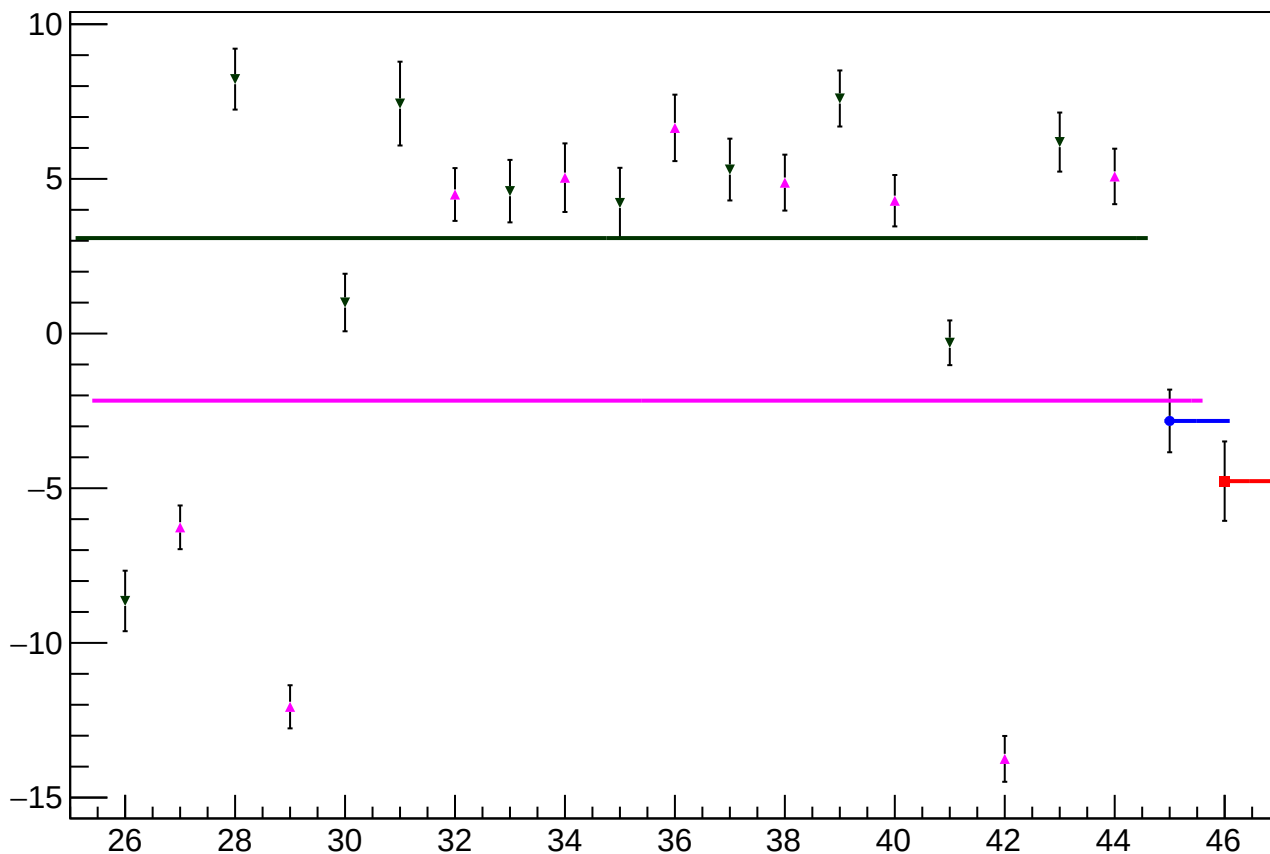
Right Out: 34.778 ± 1.744 χ^2/NDF : 0.0/0

Left In: -13.605 ± 0.383 χ^2/NDF : 118.1/8

-9.221 ± 0.392 χ^2/NDF : 1661.0/10

-11.375 ± 0.374 χ^2/NDF : 851.9/9

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.825 ± 1.013 χ^2/NDF : 0.0/0

Left Out: 3.086 ± 0.305 χ^2/NDF : 251.9/9

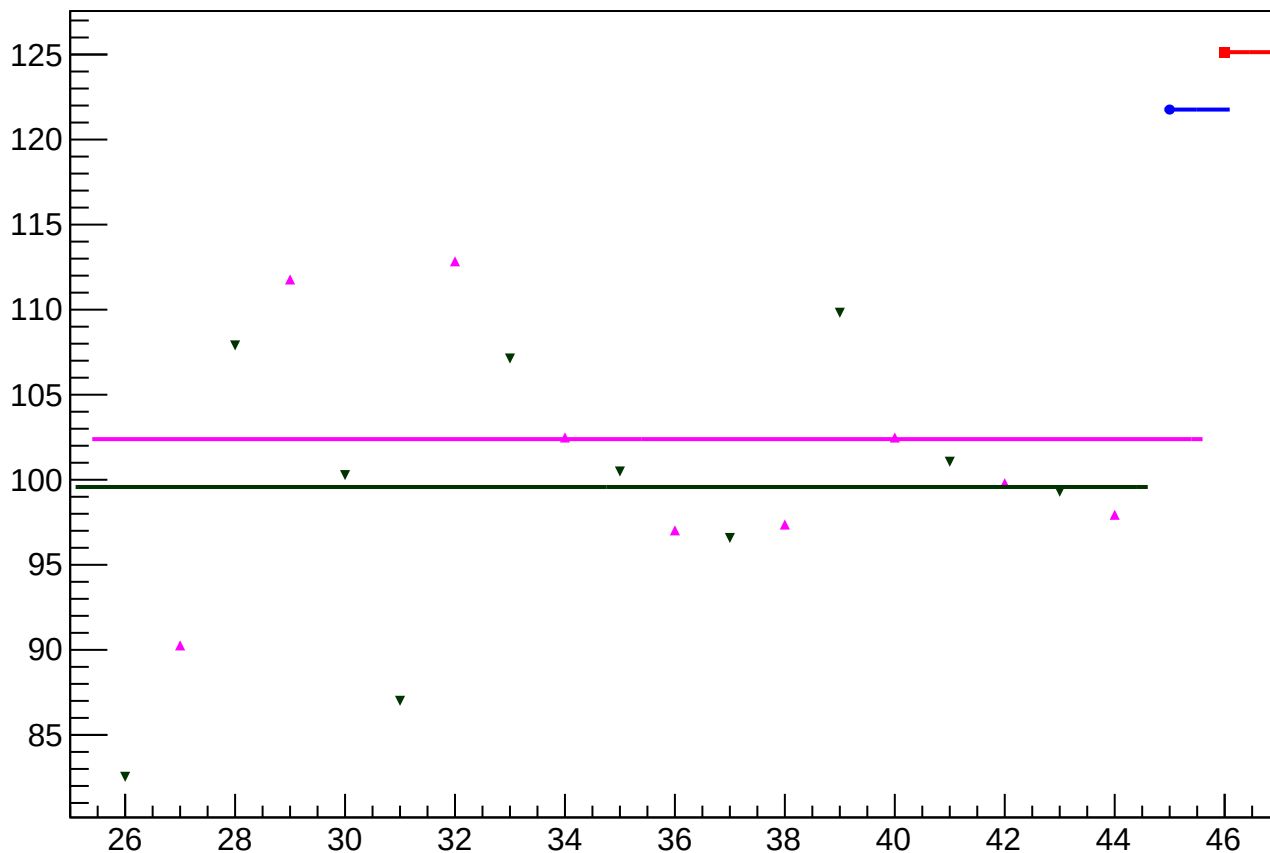
Right Out: -4.771 ± 1.283 χ^2/NDF : 0.0/0

Left In: -2.169 ± 0.279 χ^2/NDF : 836.6/8

2.595 ± 0.292 χ^2/NDF : 283.1/10

-2.286 ± 0.273 χ^2/NDF : 840.5/9

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 121.763 $\pm$ 0.223 χ^2 /NDF: 0.0/0

Left Out: 99.576 $\pm$ 0.067 χ^2 /NDF:14210.5/9

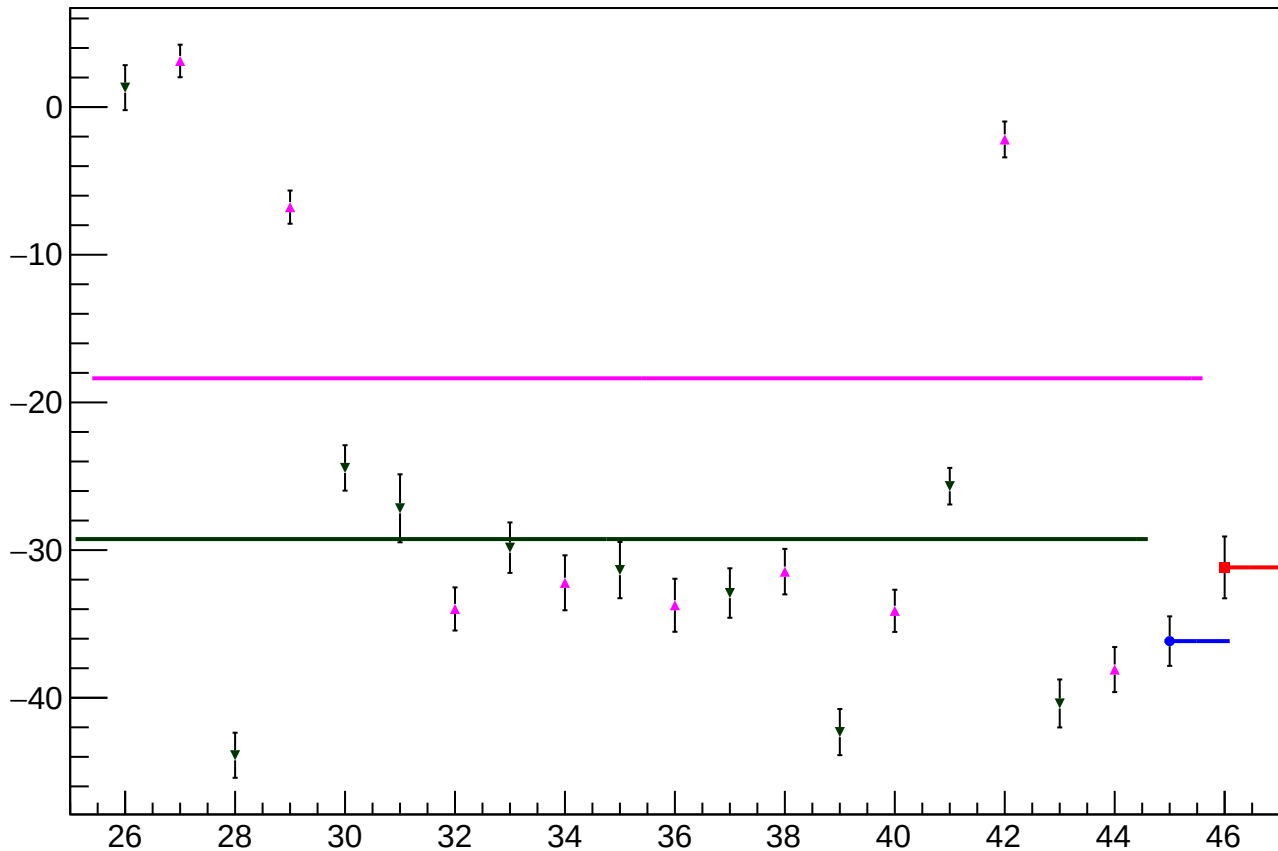
Right Out: 125.138 $\pm$ 0.264 χ^2 /NDF: 0.0/0

Left In: 102.389 $\pm$ 0.066 χ^2 /NDF:12190.9/8

101.413 $\pm$ 0.064 χ^2 /NDF: 23291.7/10

103.727 $\pm$ 0.064 χ^2 /NDF: 19202.9/9

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -36.163 $\pm$ 1.675 χ^2 /NDF: 0.0/0

Left Out: -29.254 $\pm$ 0.507 χ^2 /NDF: 636.3/9

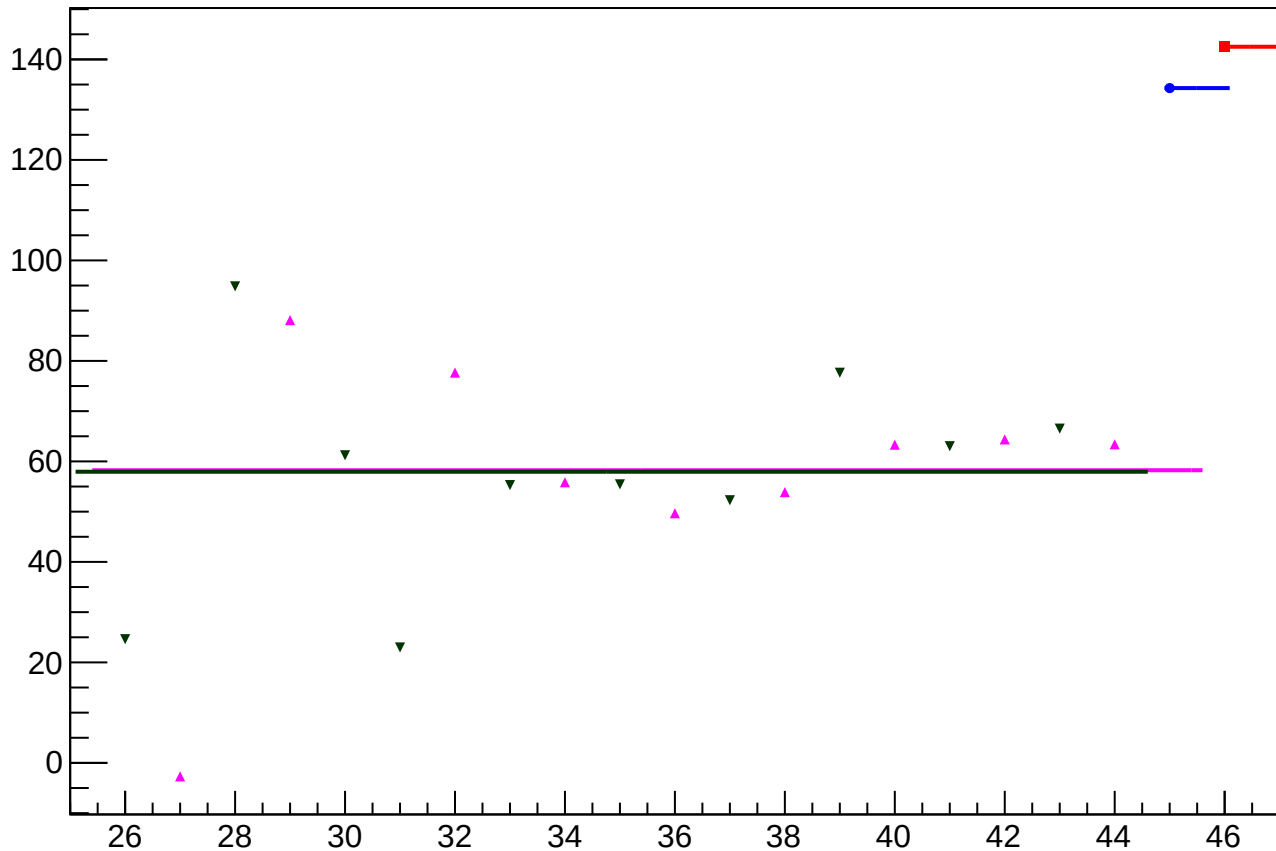
Right Out: -31.171 $\pm$ 2.093 χ^2 /NDF: 0.0/0

Left In: -18.368 $\pm$ 0.461 χ^2 /NDF: 1267.3/8

-29.834 $\pm$ 0.486 χ^2 /NDF: 651.9/10

-18.961 $\pm$ 0.450 χ^2 /NDF: 1303.0/9

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 134.295 $\pm$ 0.334 χ^2 /NDF: 0.0/0

Left Out: 57.944 $\pm$ 0.092 χ^2 /NDF:48321.4/9

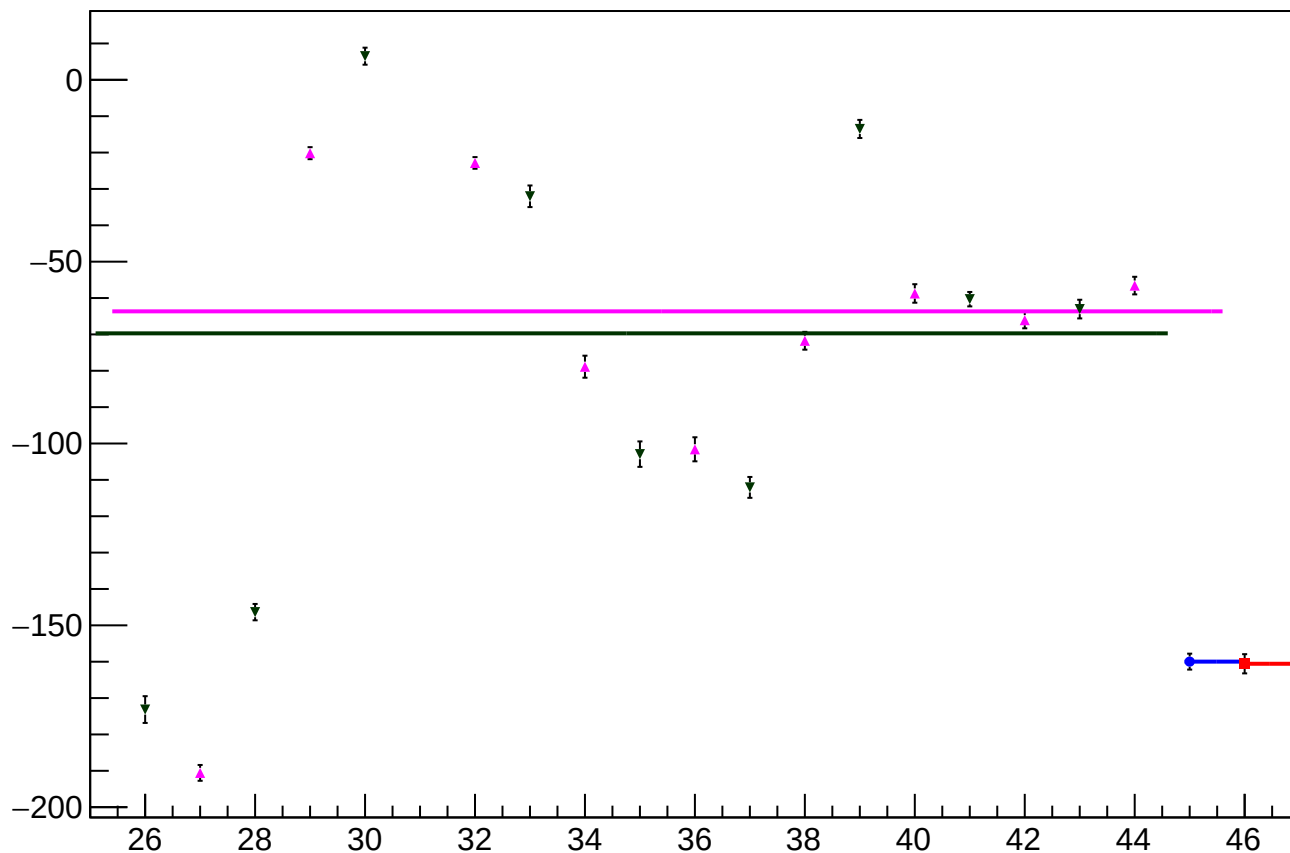
63.309 $\pm$ 0.089 χ^2 /NDF: 96850.3/10

Right Out: 142.525 $\pm$ 0.411 χ^2 /NDF: 0.0/0

62.592 $\pm$ 0.093 χ^2 /NDF: 105710.6/9

Left In: 58.243 $\pm$ 0.096 χ^2 /NDF:65783.5/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -159.977+/-2.191 χ^2/NDF : 0.0/0

Left Out: -69.710+/-0.865 χ^2/NDF :4019.0/8

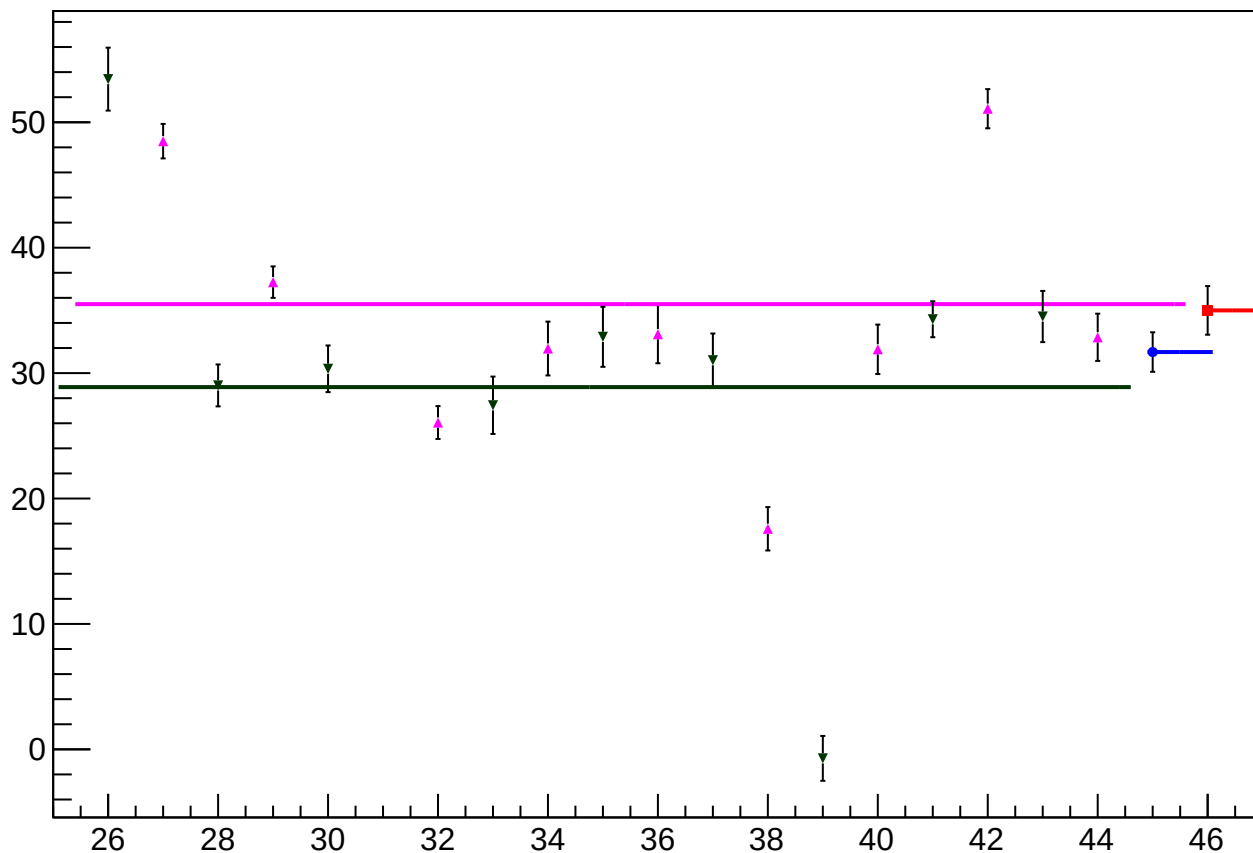
Right Out: -160.568+/-2.641 χ^2/NDF : 0.0/0

Left In: -63.663+/-0.734 χ^2/NDF :4921.5/8

-81.882+/-0.804 χ^2/NDF : 5488.1/9

-70.608+/-0.707 χ^2/NDF : 6171.6/9

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 31.679 ± 1.576 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 28.884 ± 0.641 $\chi^2/\text{NDF}: 396.4/8$

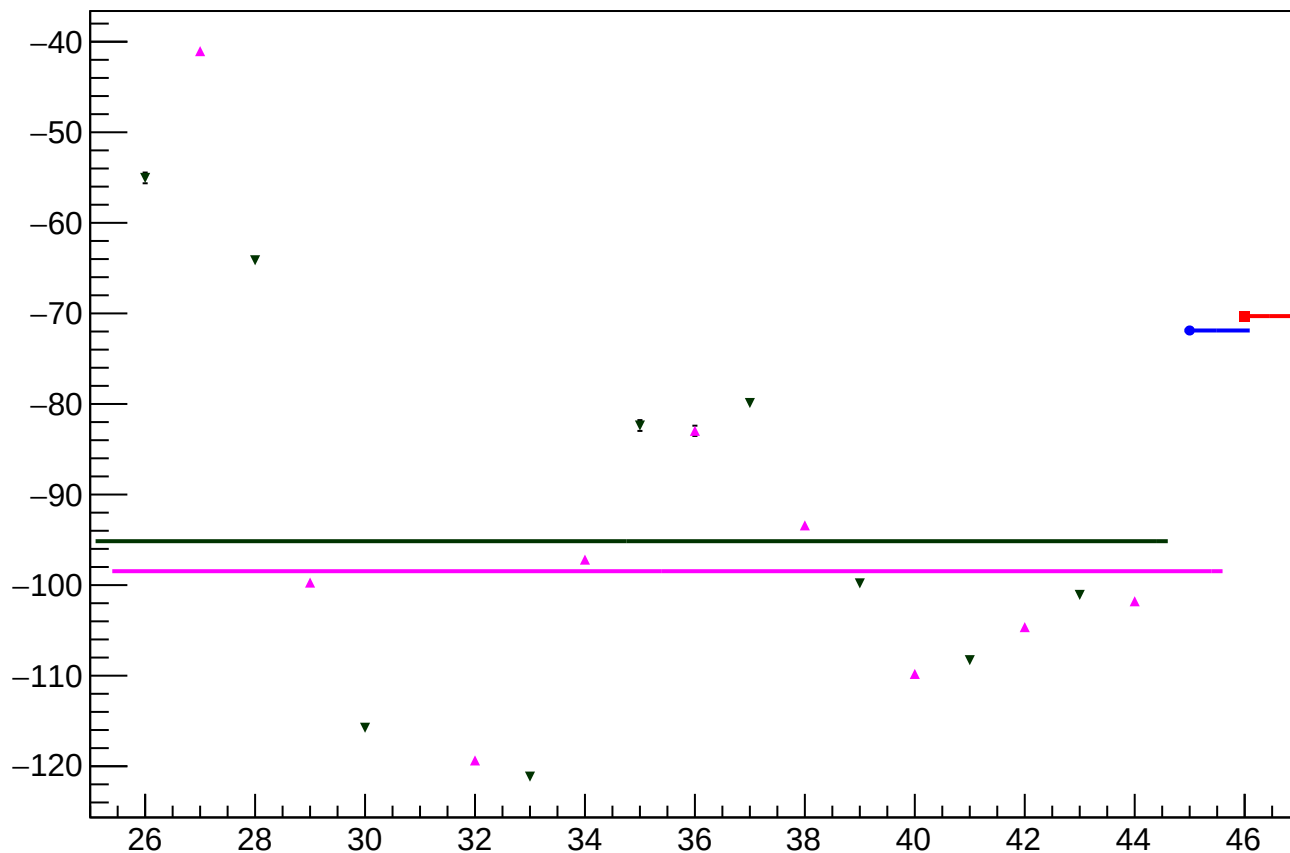
Right Out: 34.999 ± 1.939 $\chi^2/\text{NDF}: 0.0/0$

Left In: 35.499 ± 0.540 $\chi^2/\text{NDF}: 358.9/8$

29.281 ± 0.594 $\chi^2/\text{NDF}: 399.1/9$

35.463 ± 0.520 $\chi^2/\text{NDF}: 359.0/9$

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -71.886 $\pm$ 0.349 χ^2 /NDF: 0.0/0

Left Out: -95.151 $\pm$ 0.144 χ^2 /NDF:20300.2/8

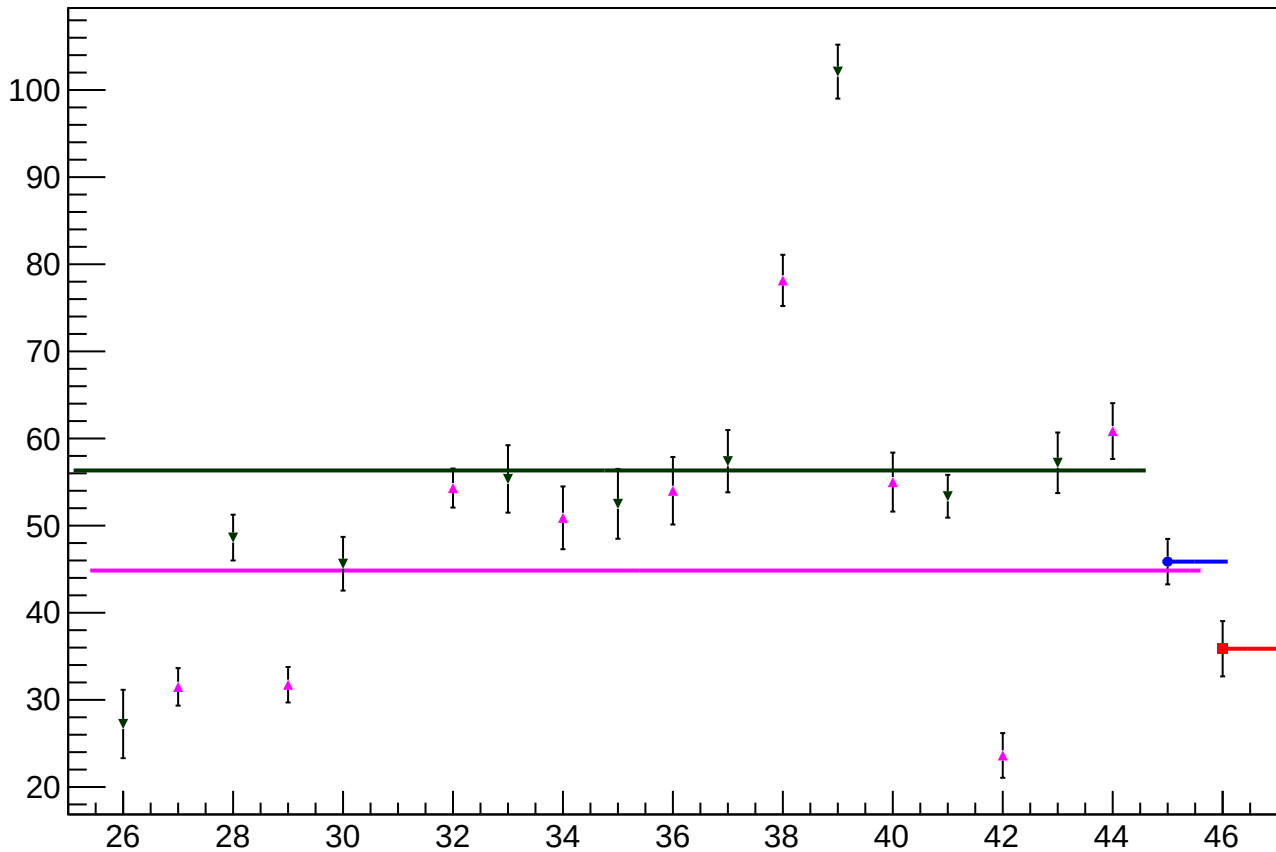
Right Out: -70.297 $\pm$ 0.399 χ^2 /NDF: 0.0/0

Left In: -98.464 $\pm$ 0.125 χ^2 /NDF:31724.1/8

-91.757 $\pm$ 0.133 χ^2 /NDF: 24096.4/9

-95.957 $\pm$ 0.119 χ^2 /NDF: 36274.9/9

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 45.869+/-2.610 χ^2/NDF : 0.0/0

Left Out: 56.333+/-1.069 χ^2/NDF : 296.9/8

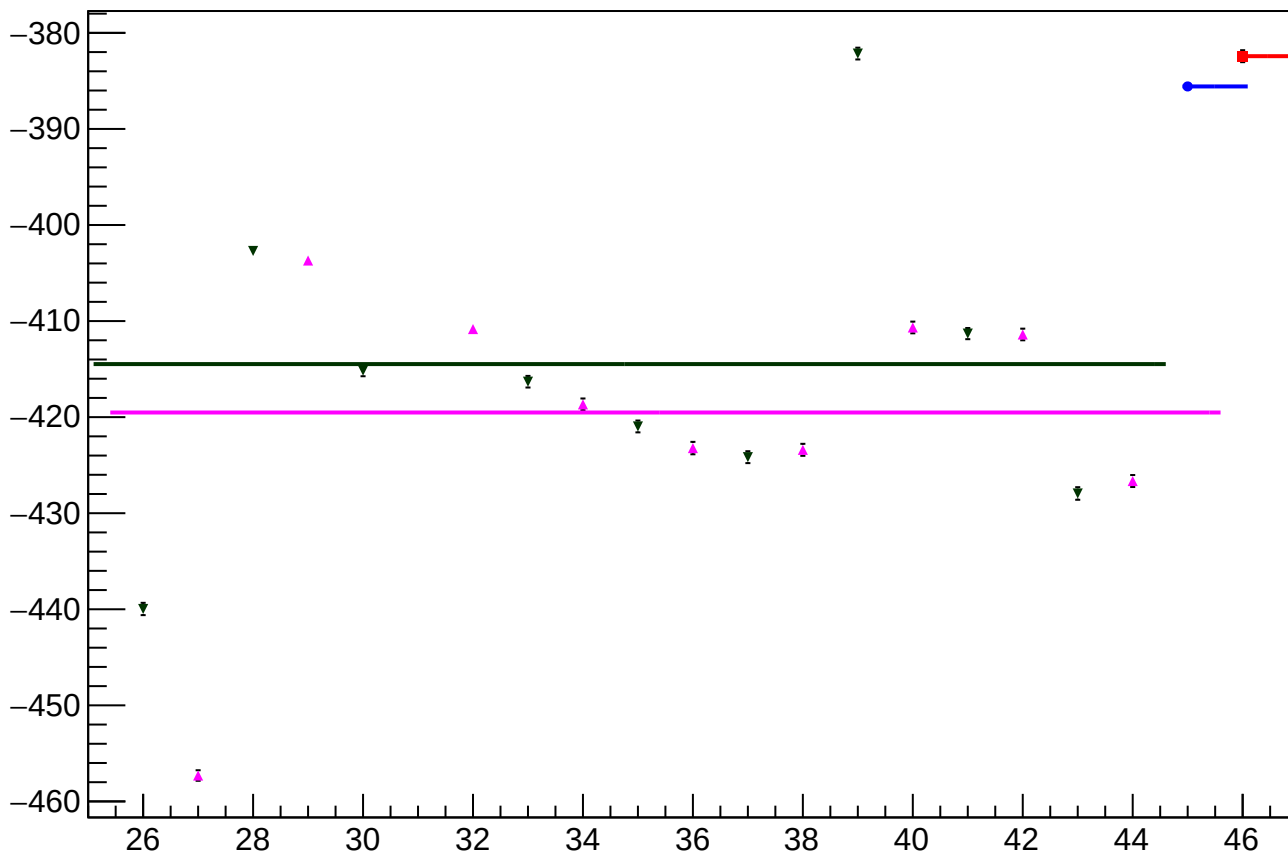
Right Out: 35.870+/-3.172 χ^2/NDF : 0.0/0

Left In: 44.845+/-0.893 χ^2/NDF : 337.0/8

54.830+/-0.989 χ^2/NDF : 310.7/9

44.185+/-0.860 χ^2/NDF : 344.4/9

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -385.576+/-0.523 χ^2 /NDF: 0.0/0

Left Out: -414.478+/-0.199 χ^2 /NDF:5731.0/8

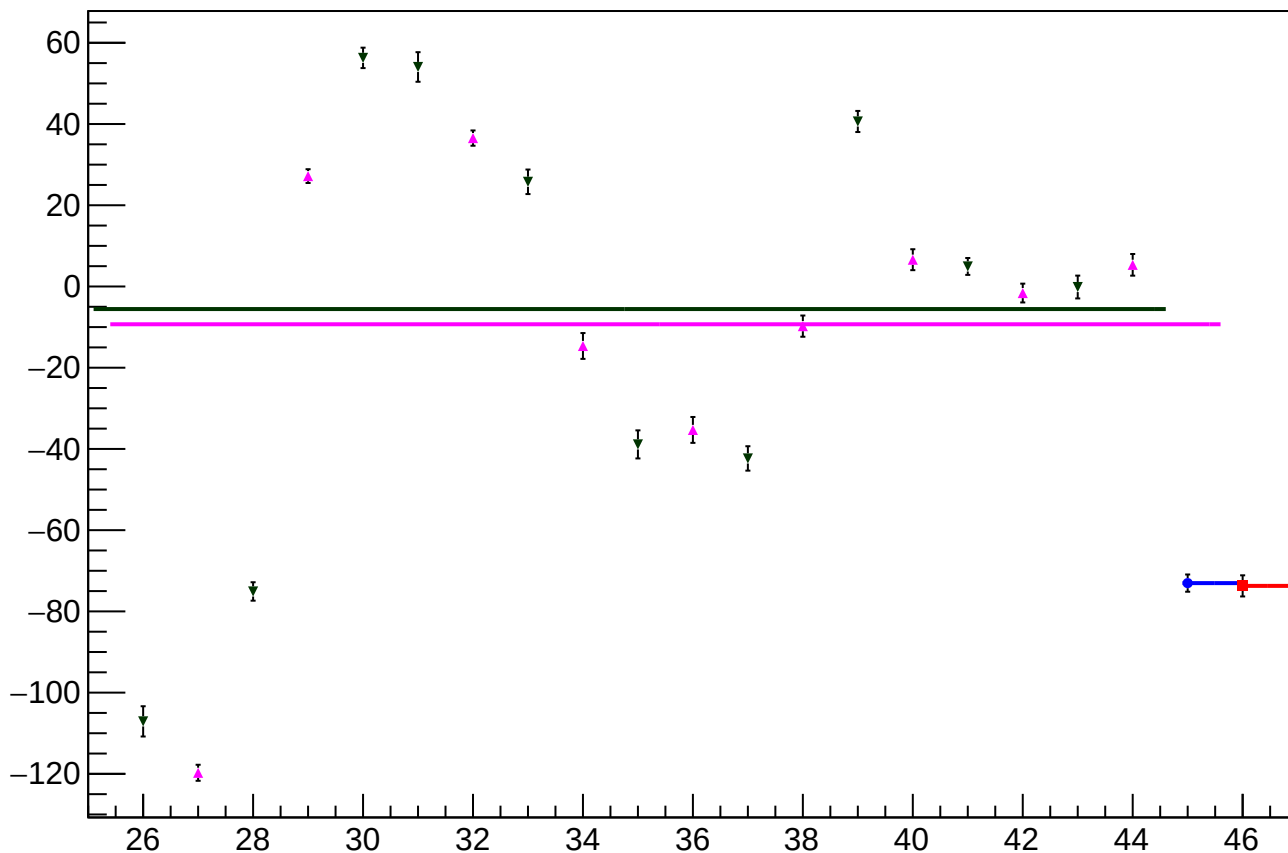
Right Out: -382.426+/-0.623 χ^2 /NDF: 0.0/0

Left In: -419.518+/-0.188 χ^2 /NDF:6841.3/8

-410.820+/-0.186 χ^2 /NDF: 8400.7/9

-416.415+/-0.180 χ^2 /NDF: 10084.4/9

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -73.036 $\pm$ 2.122 χ^2 /NDF: 0.0/0

Left Out: -5.557 $\pm$ 0.874 χ^2 /NDF:3249.1/9

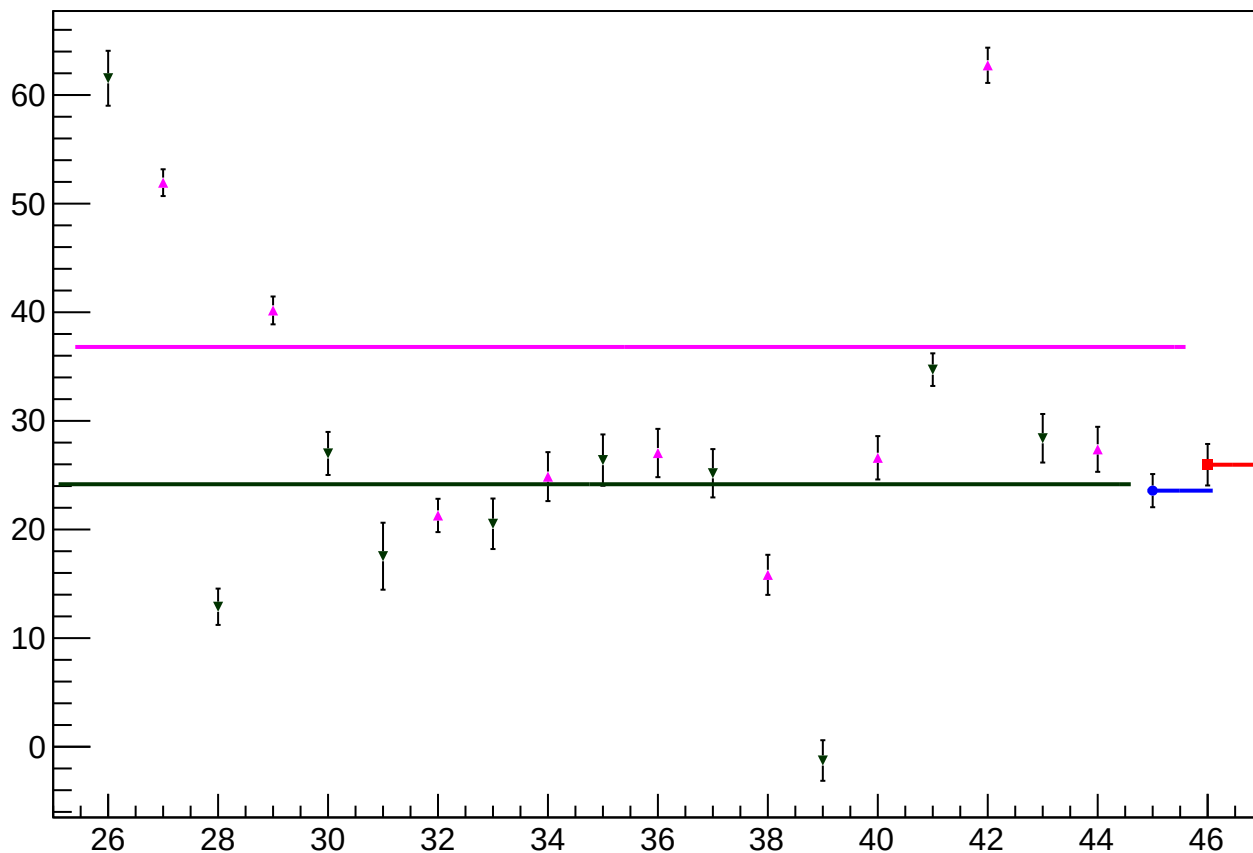
Right Out: -73.719 $\pm$ 2.602 χ^2 /NDF: 0.0/0

Left In: -9.304 $\pm$ 0.765 χ^2 /NDF:4334.5/8

-15.344 $\pm$ 0.808 χ^2 /NDF: 4113.9/10

-14.431 $\pm$ 0.734 χ^2 /NDF: 4898.6/9

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 23.578 $\pm$ 1.527 χ^2 /NDF: 0.0/0

Left Out: 24.167 $\pm$ 0.649 χ^2 /NDF: 512.5/9

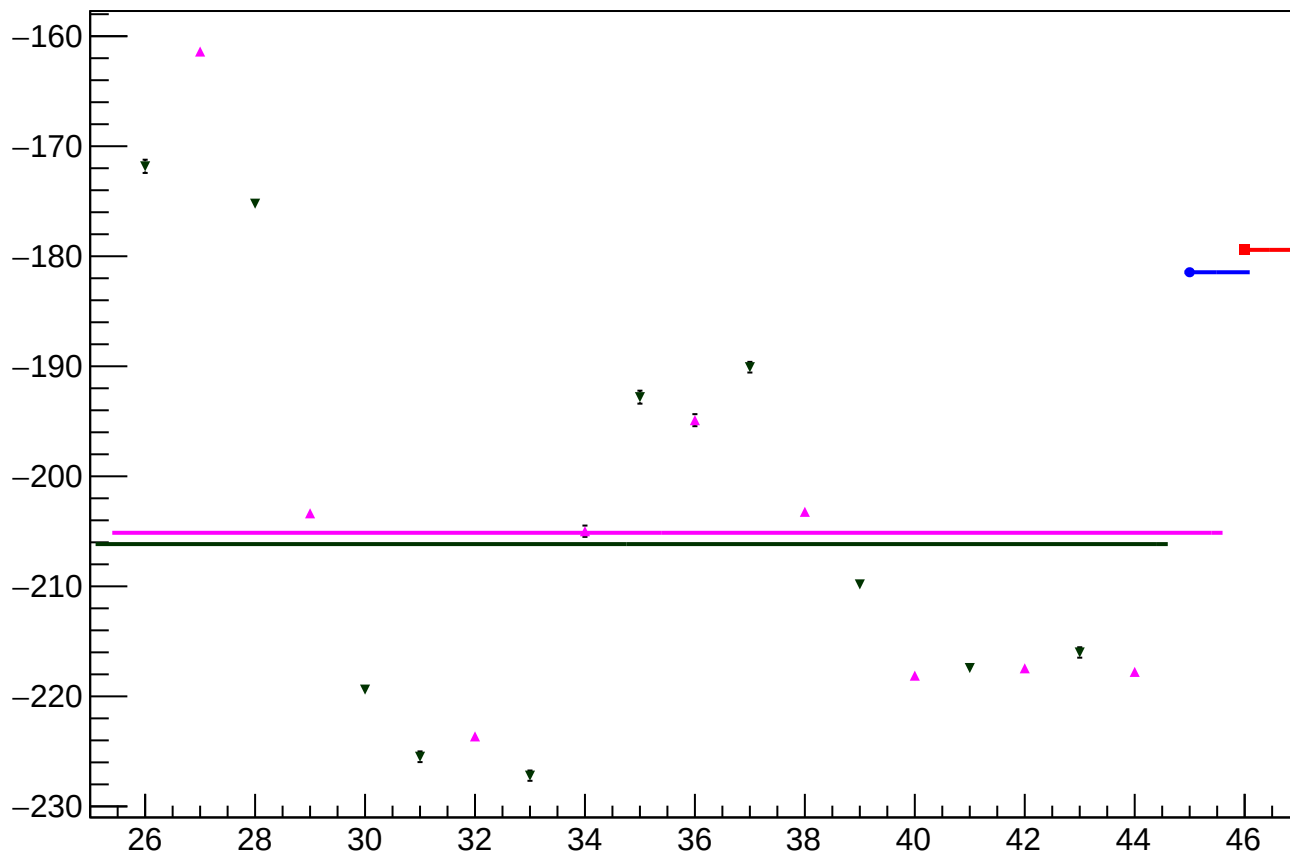
Right Out: 25.964 $\pm$ 1.910 χ^2 /NDF: 0.0/0

Left In: 36.806 $\pm$ 0.555 χ^2 /NDF: 738.7/8

24.077 $\pm$ 0.598 χ^2 /NDF: 512.7/10

35.963 $\pm$ 0.533 χ^2 /NDF: 768.4/9

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -181.454+/-0.338 χ^2/NDF : 0.0/0

Left Out: -206.161+/-0.144 χ^2/NDF :16990.9/9

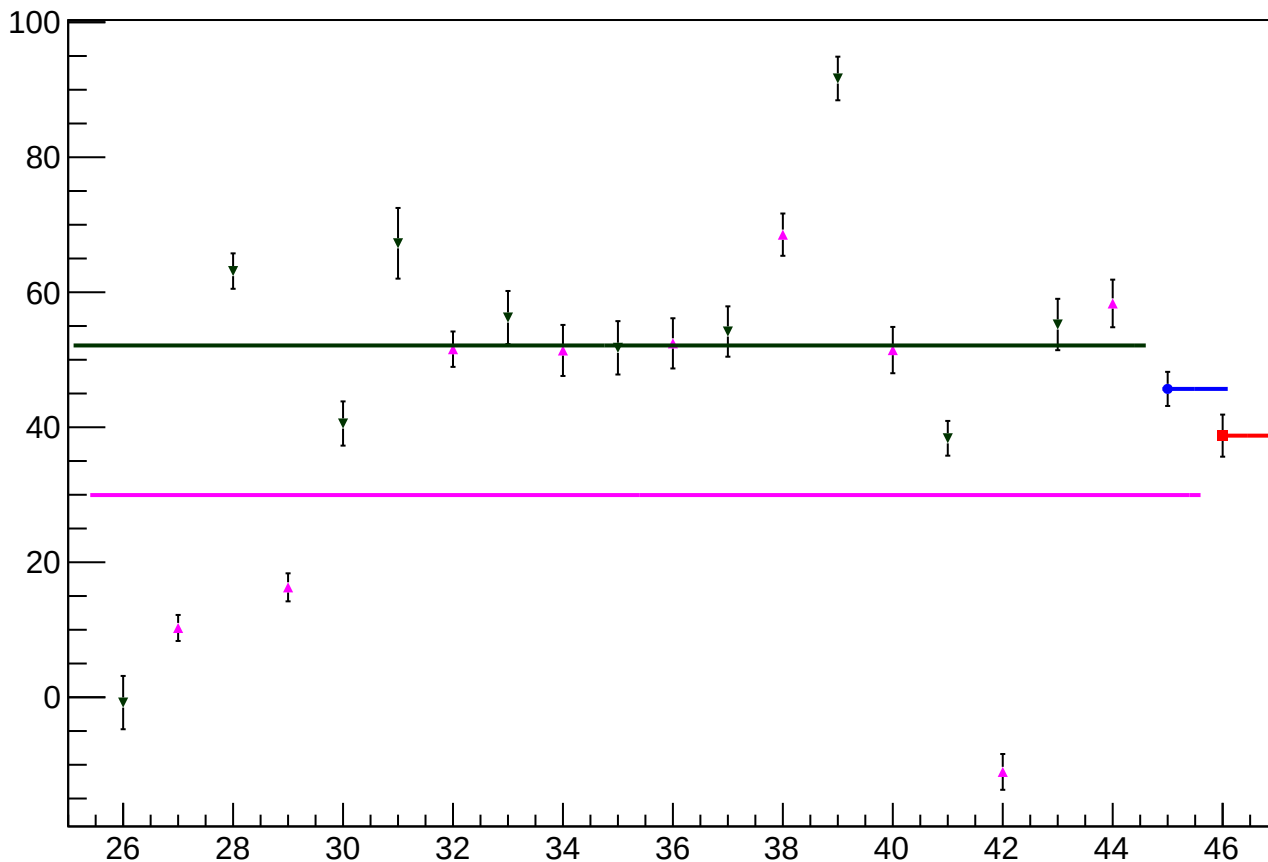
-202.364+/-0.133 χ^2/NDF : 21501.0/10

Right Out: -179.420+/-0.393 χ^2/NDF : 0.0/0

-202.547+/-0.125 χ^2/NDF : 26406.6/9

Left In: -205.134+/-0.132 χ^2/NDF :22564.1/8

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 45.682 ± 2.528 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 52.118 ± 1.081 $\chi^2/\text{NDF}: 398.5/9$

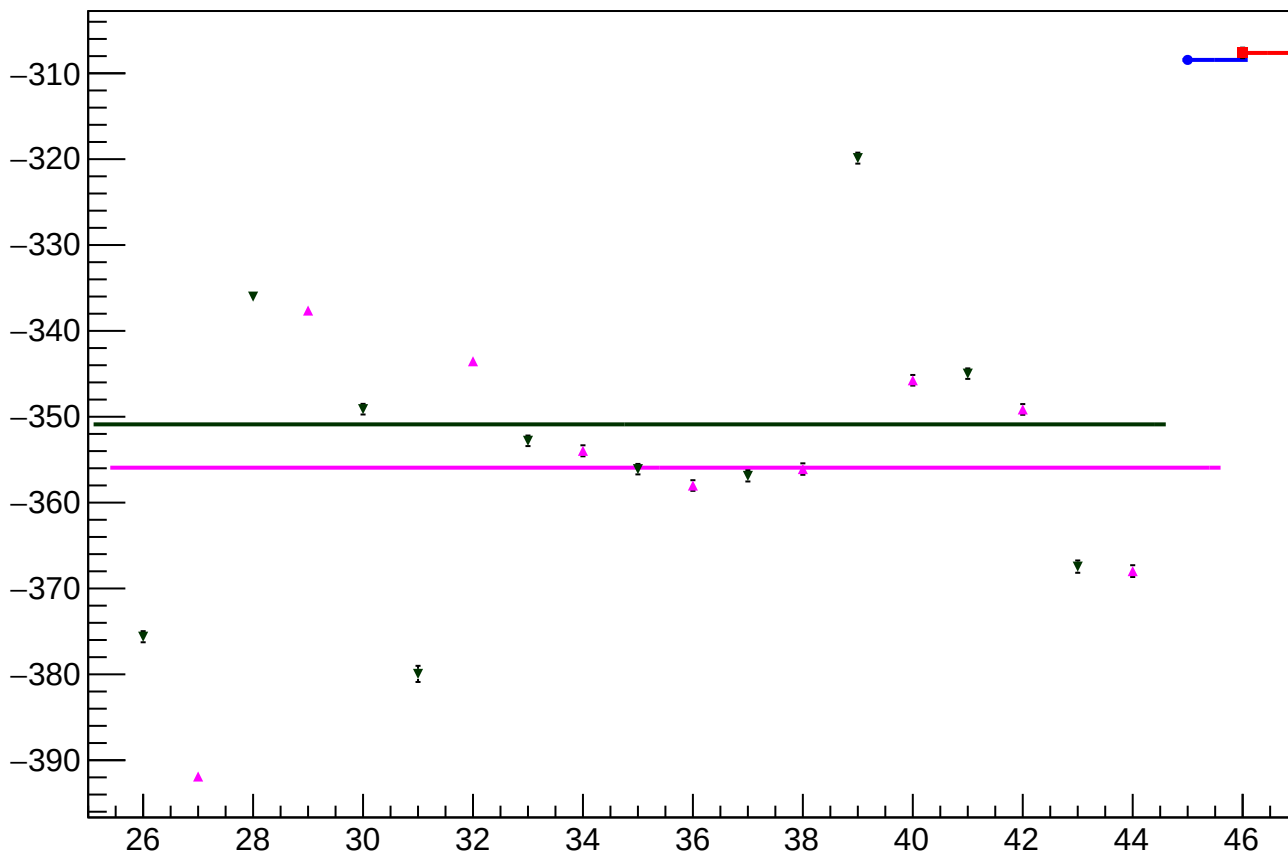
Right Out: 38.758 ± 3.118 $\chi^2/\text{NDF}: 0.0/0$

Left In: 29.956 ± 0.913 $\chi^2/\text{NDF}: 779.4/8$

51.122 ± 0.994 $\chi^2/\text{NDF}: 404.0/10$

30.651 ± 0.876 $\chi^2/\text{NDF}: 786.7/9$

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -308.442 ± 0.506 χ^2/NDF : 0.0/0

Left Out: -350.887 ± 0.200 χ^2/NDF : 6484.7/9

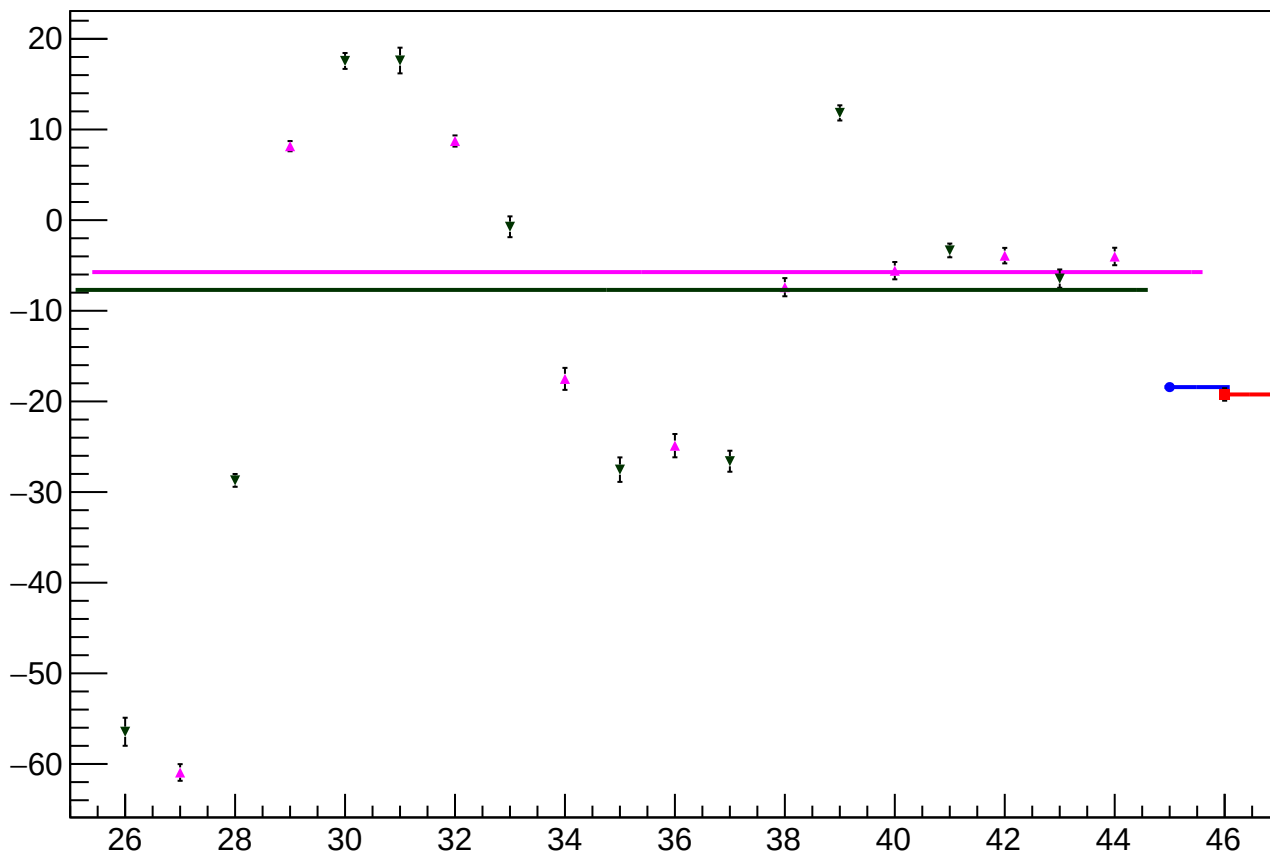
-345.167 ± 0.186 χ^2/NDF : 12561.6/10

Right Out: -307.629 ± 0.613 χ^2/NDF : 0.0/0

-351.535 ± 0.185 χ^2/NDF : 13577.5/9

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.4/8

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -18.421 $\pm$ 0.555 χ^2 /NDF: 0.0/0

Left Out: -7.698 $\pm$ 0.310 χ^2 /NDF: 4119.4/9

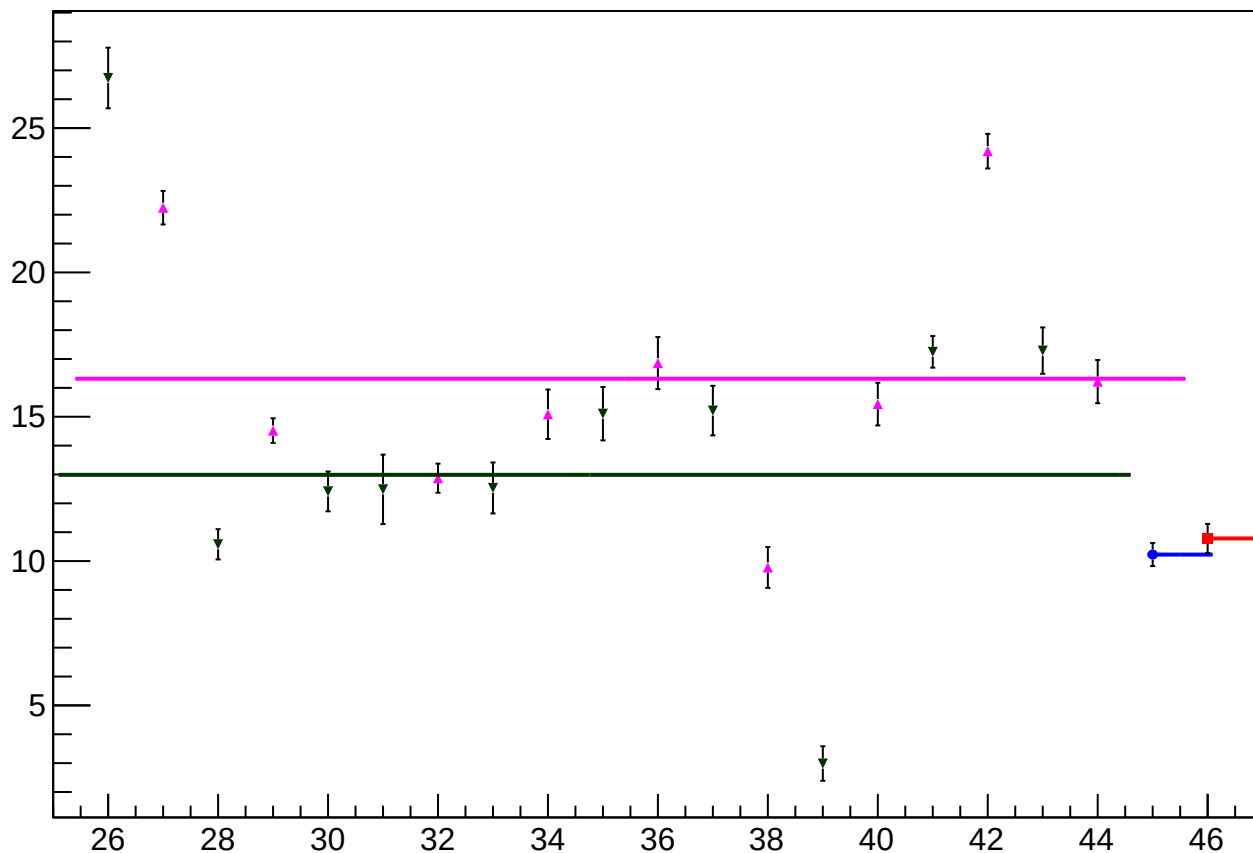
Right Out: -19.232 $\pm$ 0.687 χ^2 /NDF: 0.0/0

Left In: -5.733 $\pm$ 0.279 χ^2 /NDF: 5095.9/8

-10.246 $\pm$ 0.271 χ^2 /NDF: 4403.9/10

-7.648 $\pm$ 0.259 χ^2 /NDF: 5426.9/9

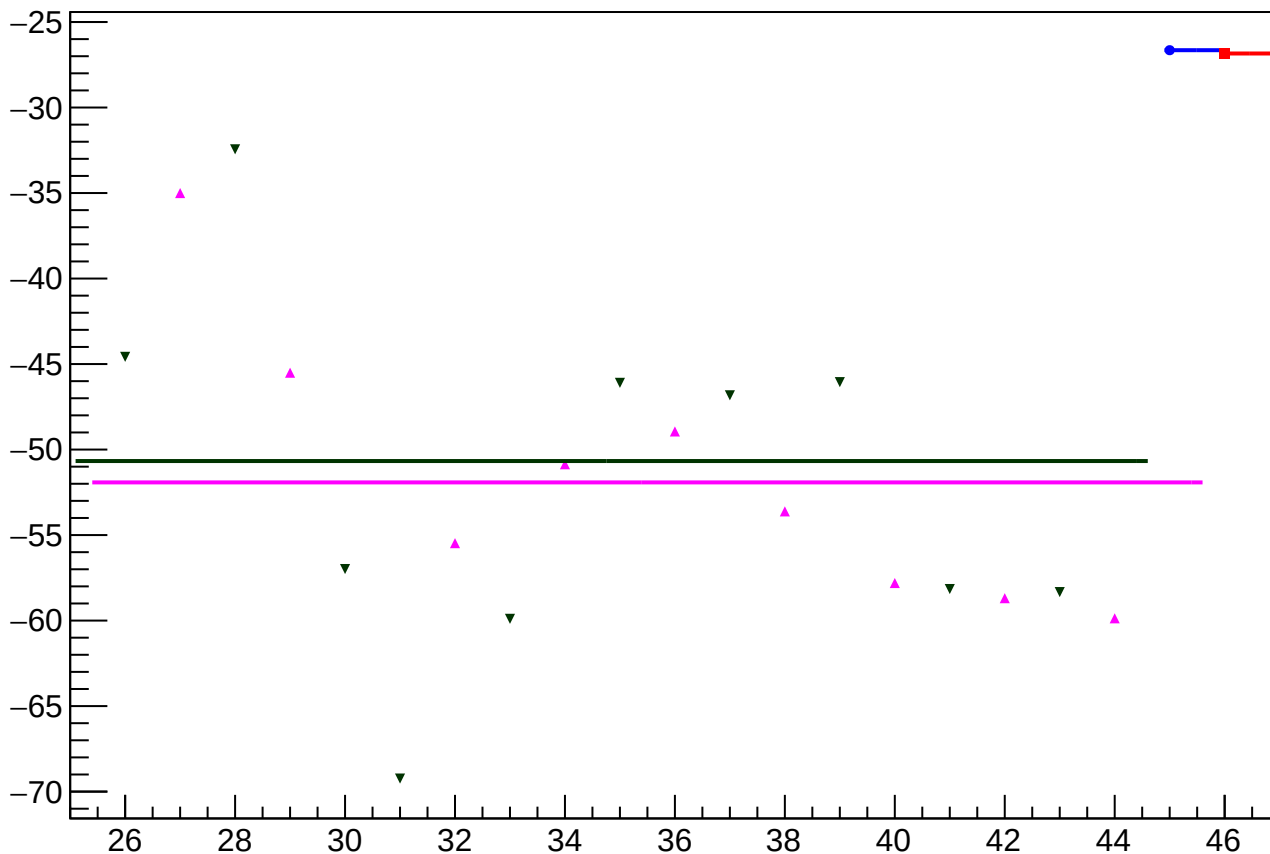
reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 10.225 ± 0.400 χ^2/NDF : 0.0/0
 Left Out: 12.987 ± 0.230 χ^2/NDF : 575.0/9
 Right Out: 10.783 ± 0.503 χ^2/NDF : 0.0/0
 Left In: 16.318 ± 0.207 χ^2/NDF : 430.3/8

12.298 ± 0.200 χ^2/NDF : 610.9/10
 15.516 ± 0.191 χ^2/NDF : 534.0/9

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -26.647±/0.089 χ^2/NDF : 0.0/0

Left Out: -50.671±/0.051 χ^2/NDF :44323.0/9

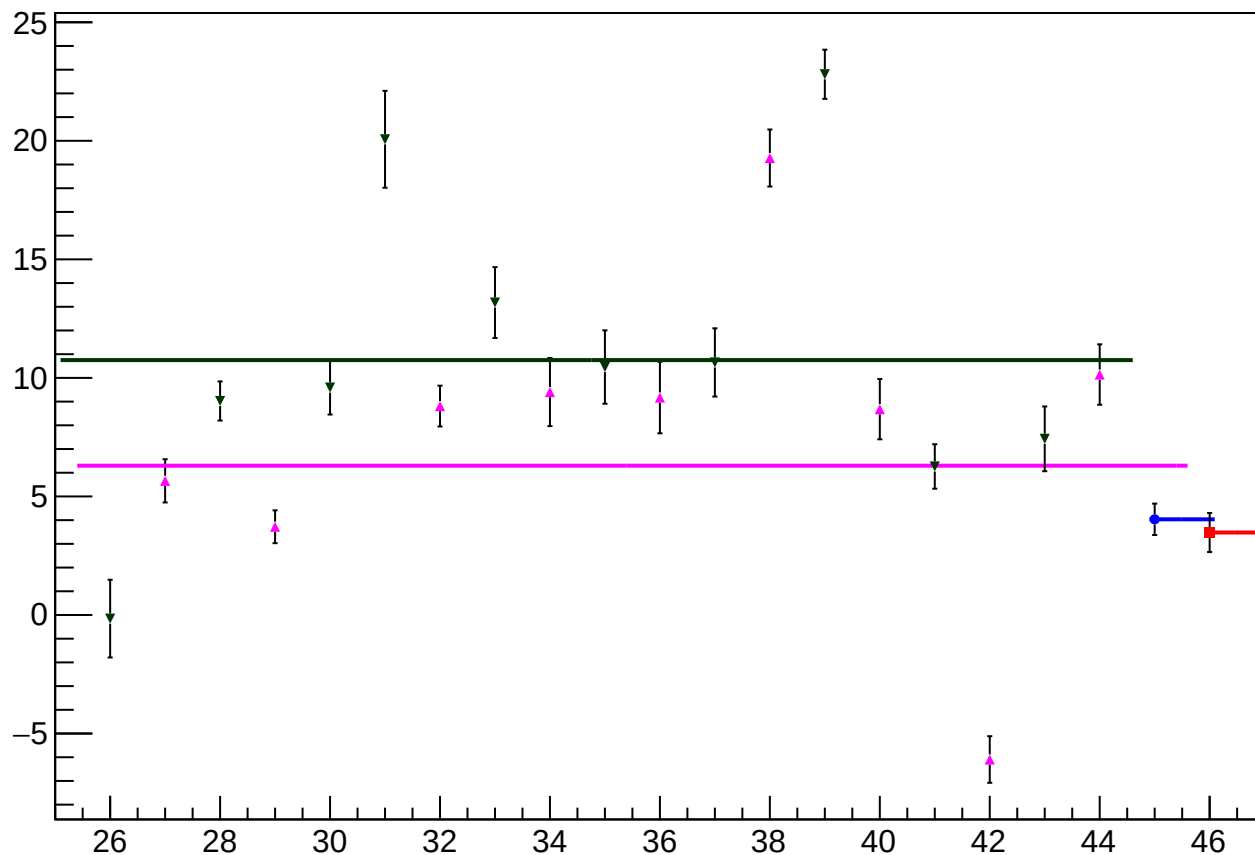
-44.668±/0.044 χ^2/NDF : 99156.0/10

Right Out: -26.841±/0.104 χ^2/NDF : 0.0/0

-47.524±/0.043 χ^2/NDF : 69929.3/9

Left In: -51.920±/0.048 χ^2/NDF :21764.1/8

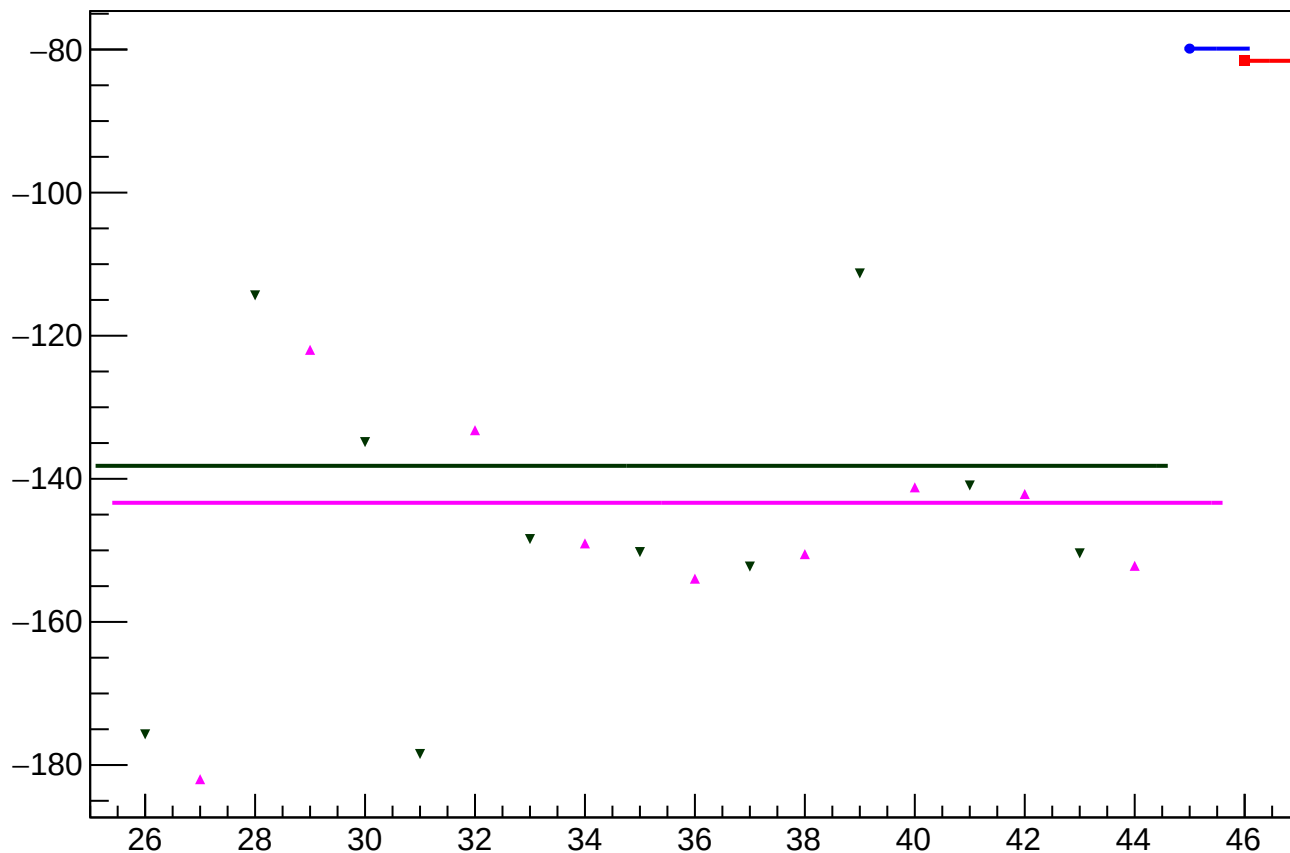
reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.035 ± 0.662 χ^2/NDF : 0.0/0
 Left Out: 10.751 ± 0.383 χ^2/NDF : 237.1/9
 Right Out: 3.478 ± 0.824 χ^2/NDF : 0.0/0
 Left In: 6.298 ± 0.343 χ^2/NDF : 319.2/8

9.063 ± 0.332 χ^2/NDF : 314.2/10
 5.883 ± 0.316 χ^2/NDF : 329.1/9

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -79.876+/-0.133 χ^2/NDF : 0.0/0

Left Out: -125.039+/-0.063 χ^2/NDF : 231132.2/10

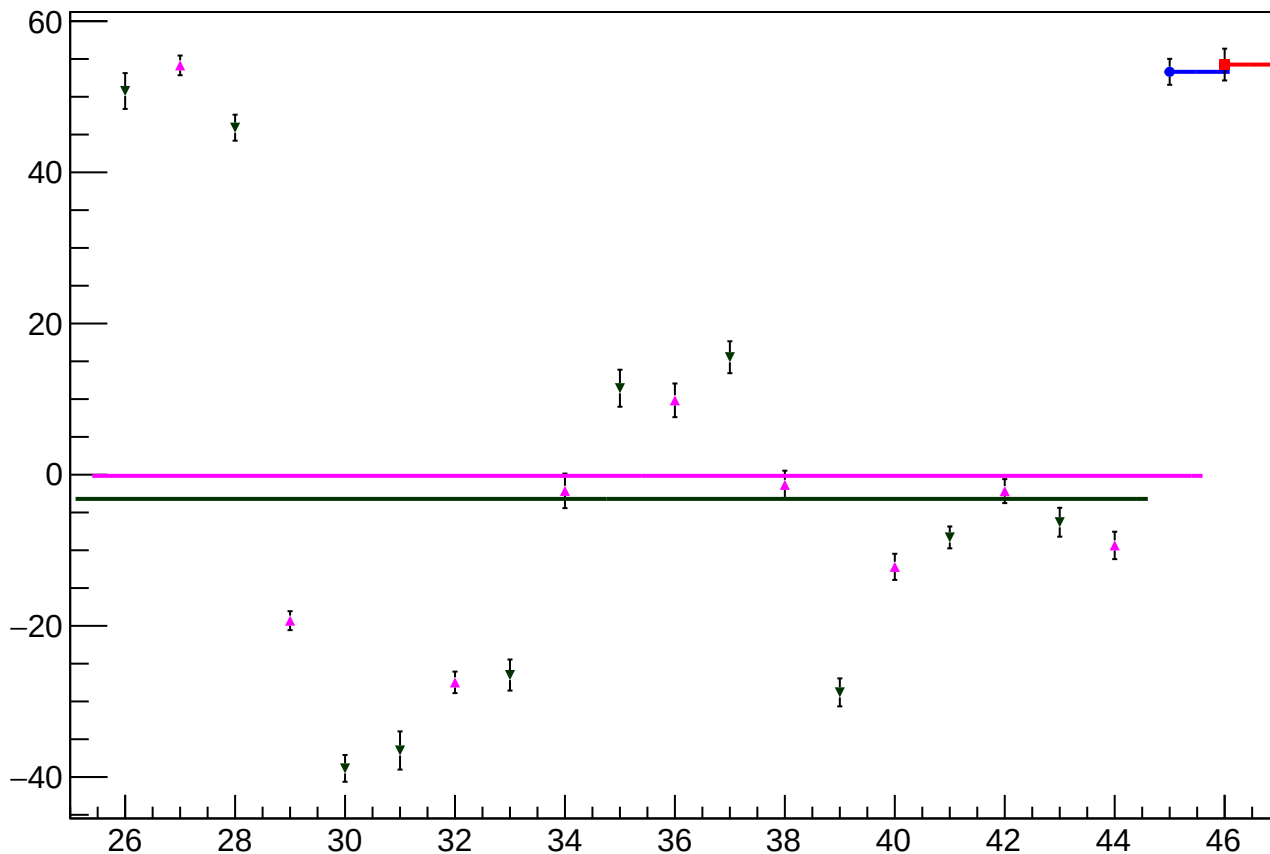
Right Out: -81.579+/-0.162 χ^2/NDF : 0.0/0

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-125.039+/-0.063 χ^2/NDF : 231132.2/10

-133.179+/-0.066 χ^2/NDF : 176444.1/9

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 53.300+/-1.716 χ^2/NDF : 0.0/0

Left Out: -3.202+/-0.613 χ^2/NDF :2363.4/9

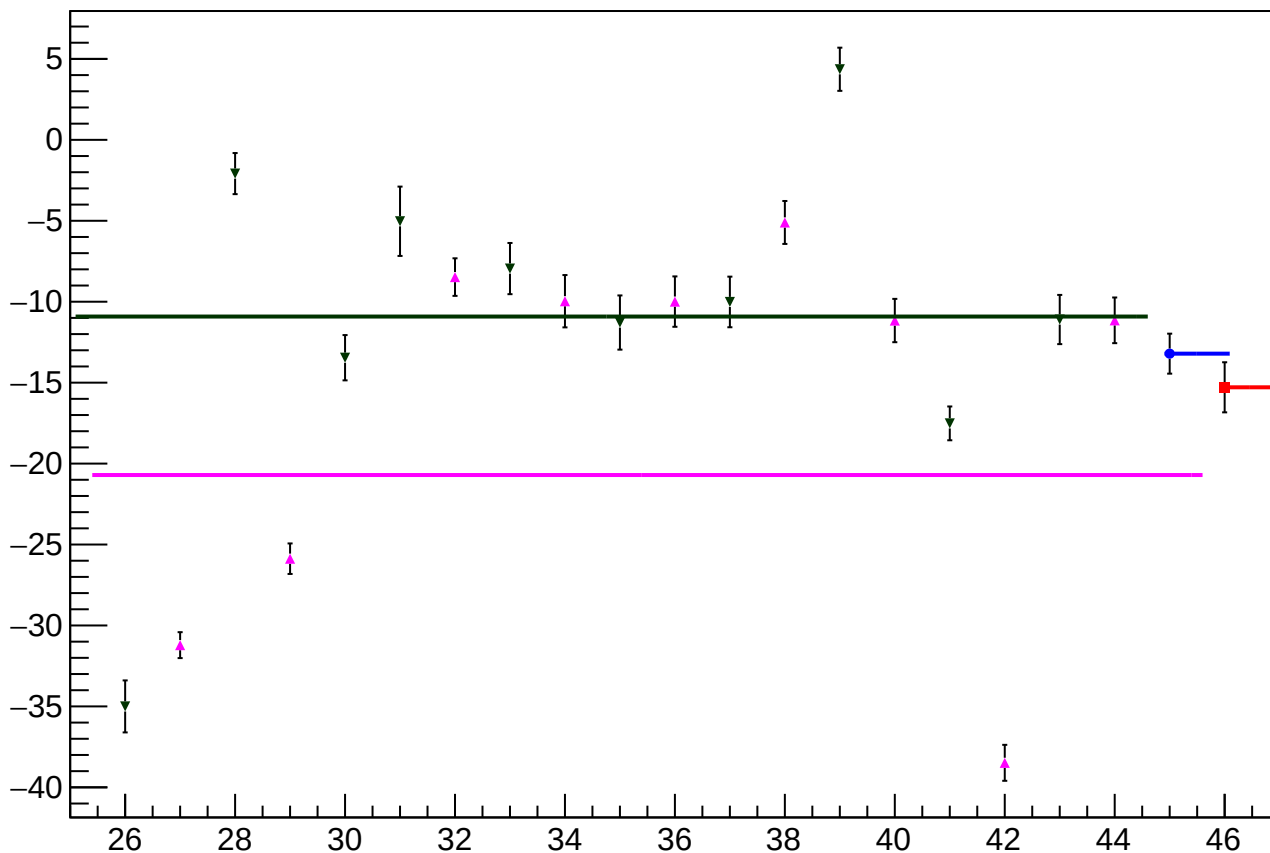
3.183+/-0.577 χ^2/NDF : 3324.5/10

Right Out: 54.259+/-2.104 χ^2/NDF : 0.0/0

3.205+/-0.523 χ^2/NDF : 3068.7/9

Left In: -0.152+/-0.540 χ^2/NDF :2441.2/8

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -13.209+/-1.235 χ^2/NDF : 0.0/0

Left Out: -10.916+/-0.456 χ^2/NDF : 459.2/9

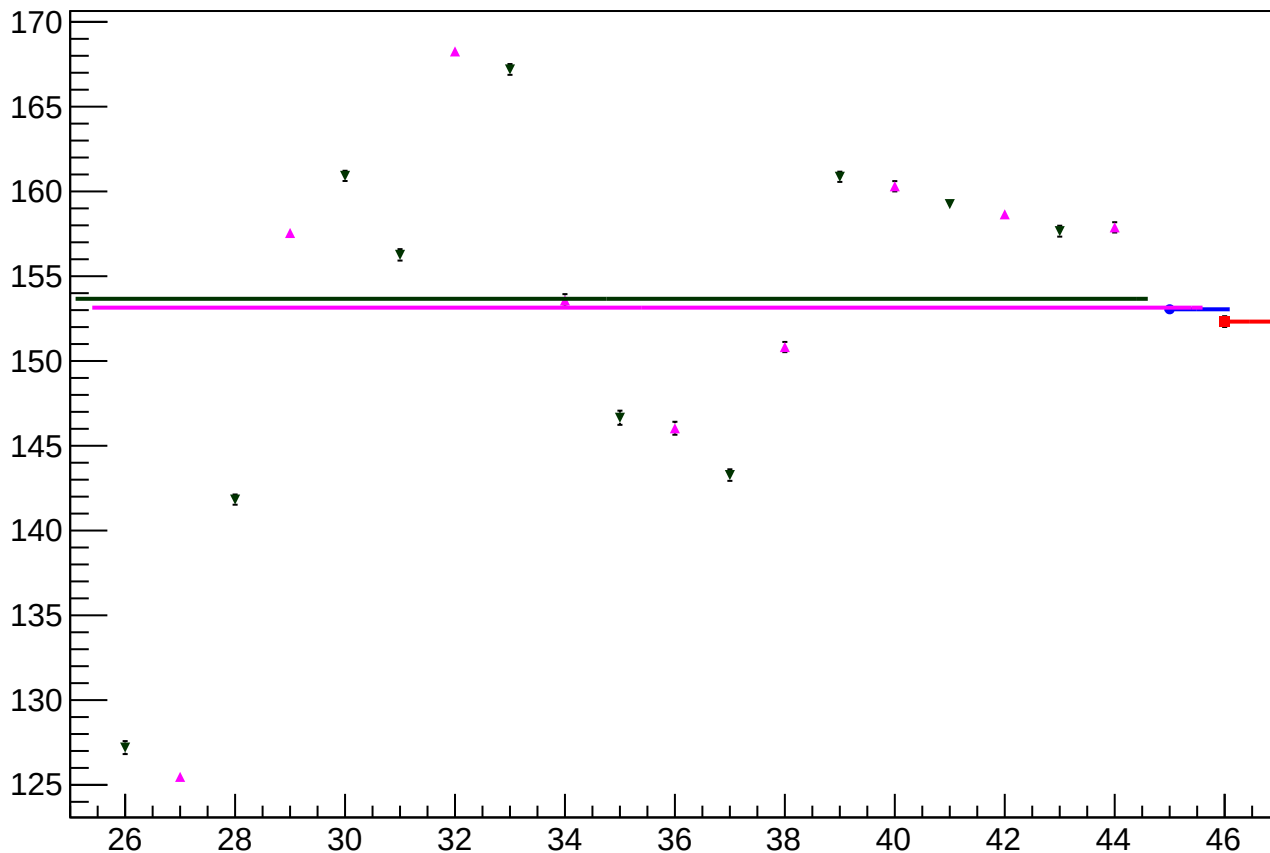
Right Out: -15.287+/-1.547 χ^2/NDF : 0.0/0

Left In: -20.706+/-0.387 χ^2/NDF : 896.2/8

-11.190+/-0.428 χ^2/NDF : 462.2/10

-20.387+/-0.376 χ^2/NDF : 907.8/9

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 153.049 ± 0.273 χ^2/NDF : 0.0/0

Left Out: 153.668 ± 0.101 χ^2/NDF : 11181.3/9

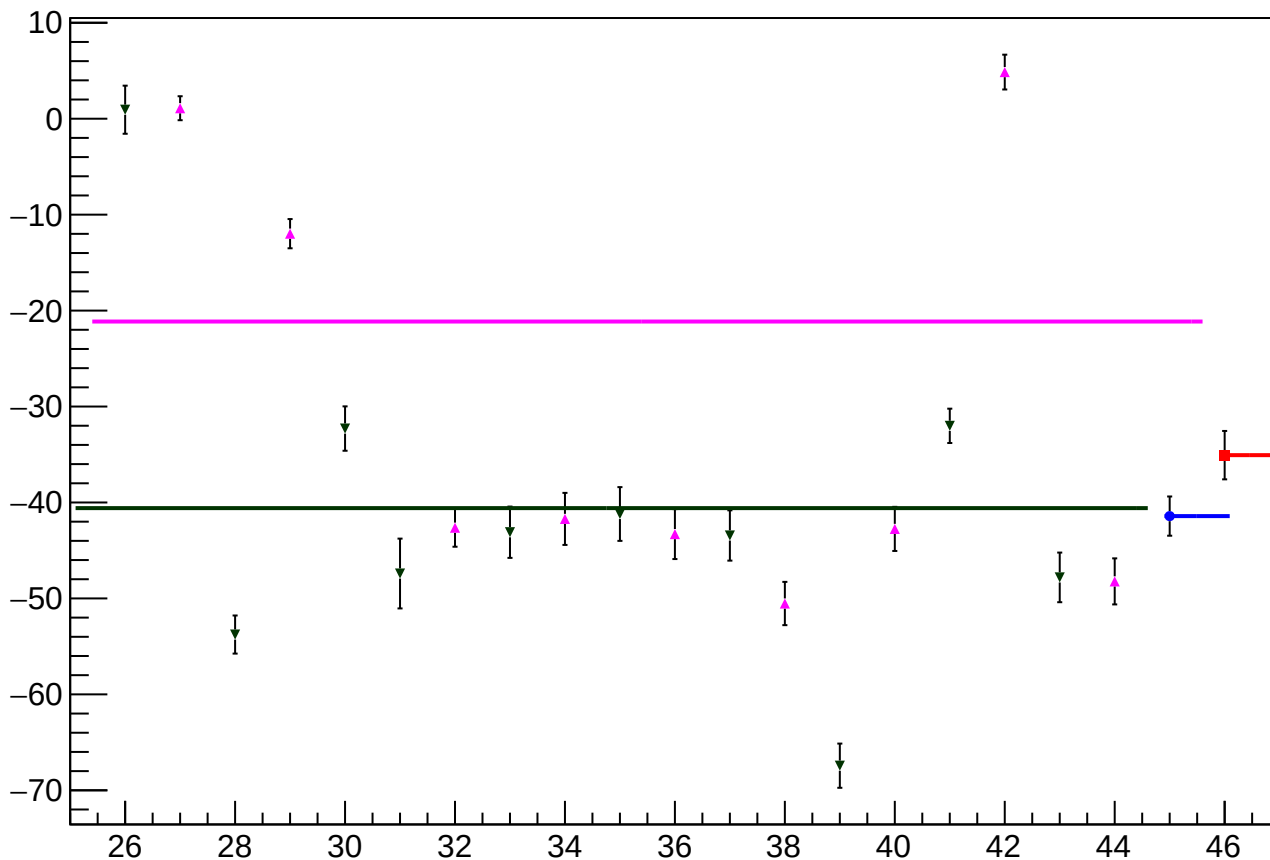
Right Out: 152.323 ± 0.318 χ^2/NDF : 0.0/0

Left In: 153.146 ± 0.093 χ^2/NDF : 20805.5/8

153.593 ± 0.095 χ^2/NDF : 11185.8/10

153.082 ± 0.089 χ^2/NDF : 20811.7/9

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -41.420 $\pm$ 2.044 χ^2 /NDF: 0.0/0

Left Out: -40.588 $\pm$ 0.759 χ^2 /NDF:503.5/9

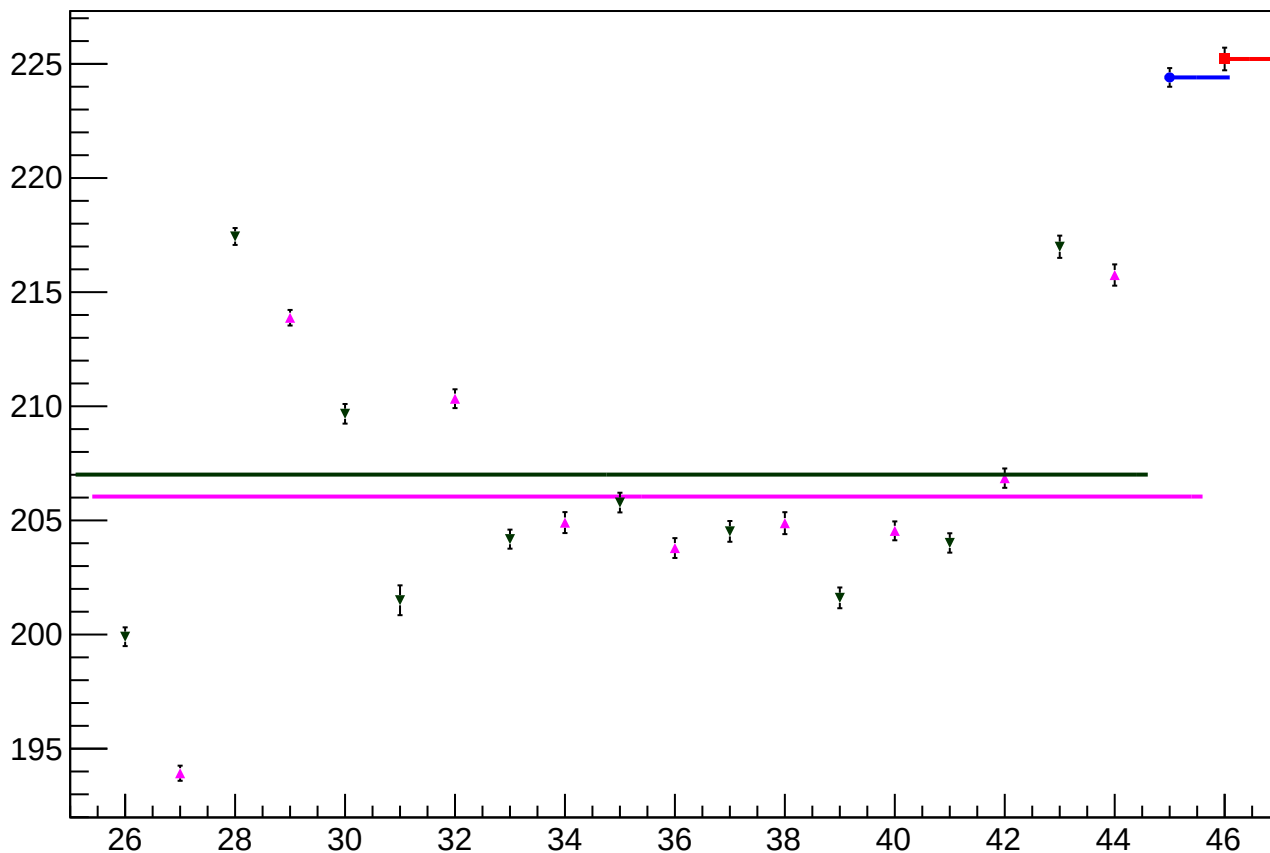
-40.688 $\pm$ 0.711 χ^2 /NDF: 503.6/10

Right Out: -35.067 $\pm$ 2.522 χ^2 /NDF: 0.0/0

-21.972 $\pm$ 0.617 χ^2 /NDF: 1219.9/9

Left In: -21.140 $\pm$ 0.636 χ^2 /NDF:1191.2/8

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 224.408 ± 0.409 χ^2/NDF : 0.0/0

Left Out: 207.007 ± 0.139 χ^2/NDF : 1896.8/9

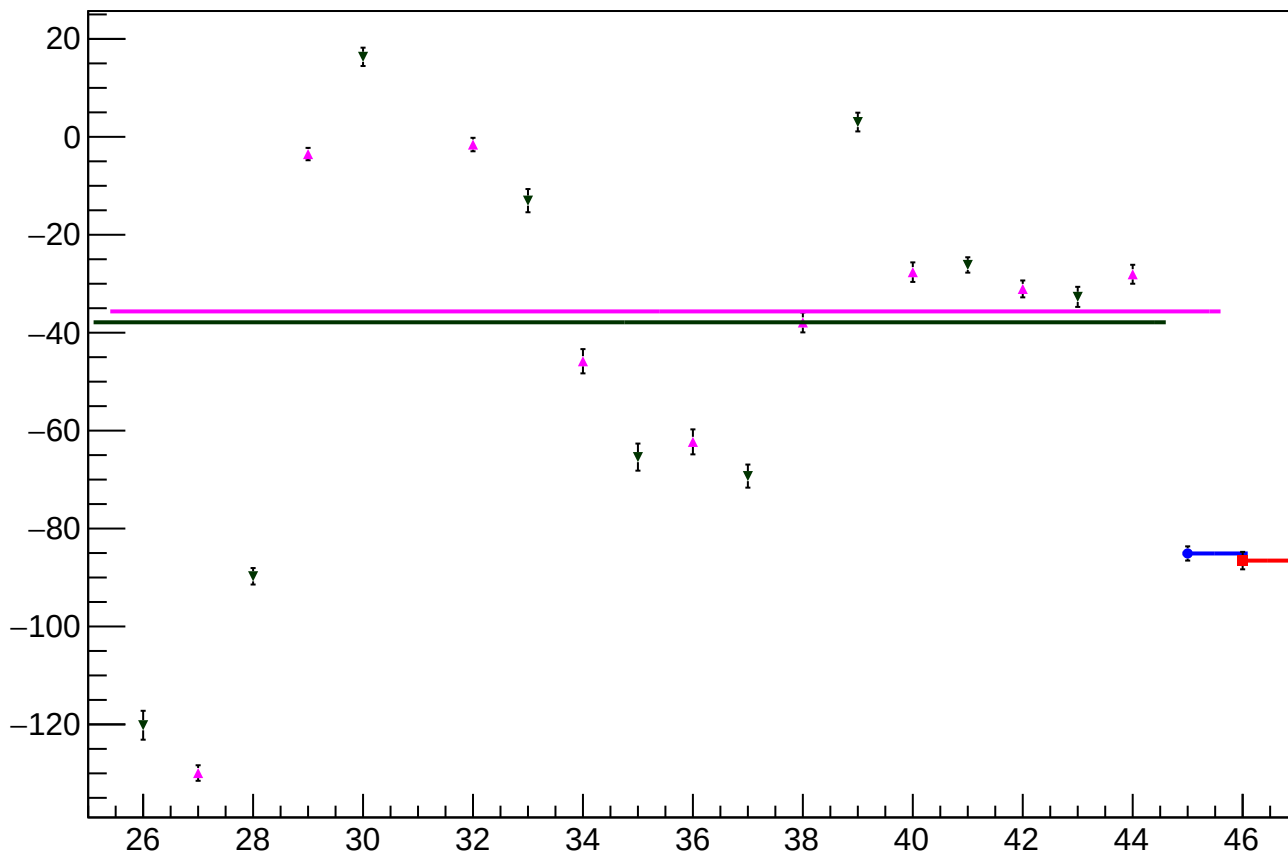
Right Out: 225.215 ± 0.496 χ^2/NDF : 0.0/0

Left In: 206.045 ± 0.136 χ^2/NDF : 2460.3/8

208.817 ± 0.132 χ^2/NDF : 3519.5/10

207.391 ± 0.131 χ^2/NDF : 3851.5/9

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -85.089+/-1.454 χ^2/NDF : 0.0/0

Left Out: -37.875+/-0.681 χ^2/NDF : 3472.1/8

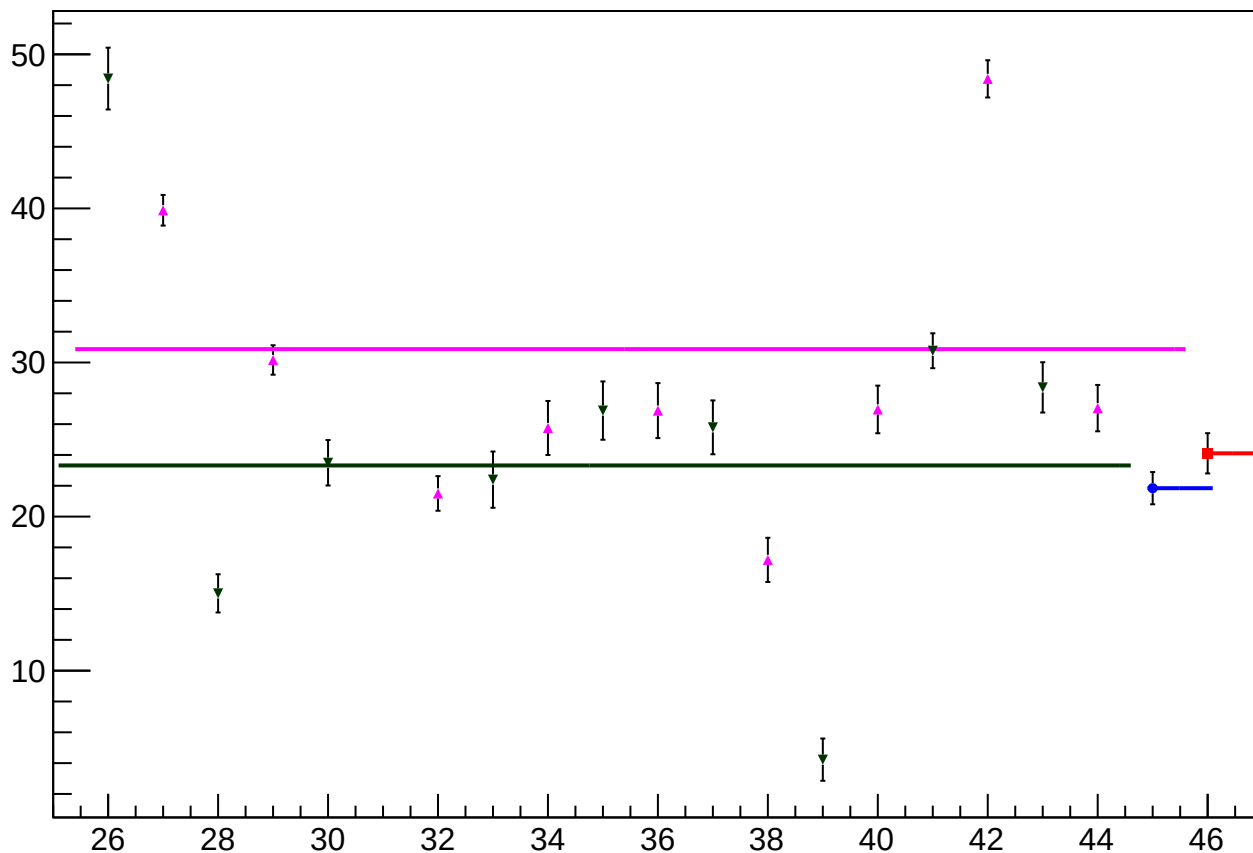
-46.362+/-0.617 χ^2/NDF : 4336.8/9

Right Out: -86.545+/-1.781 χ^2/NDF : 0.0/0

-40.542+/-0.552 χ^2/NDF : 5696.2/9

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

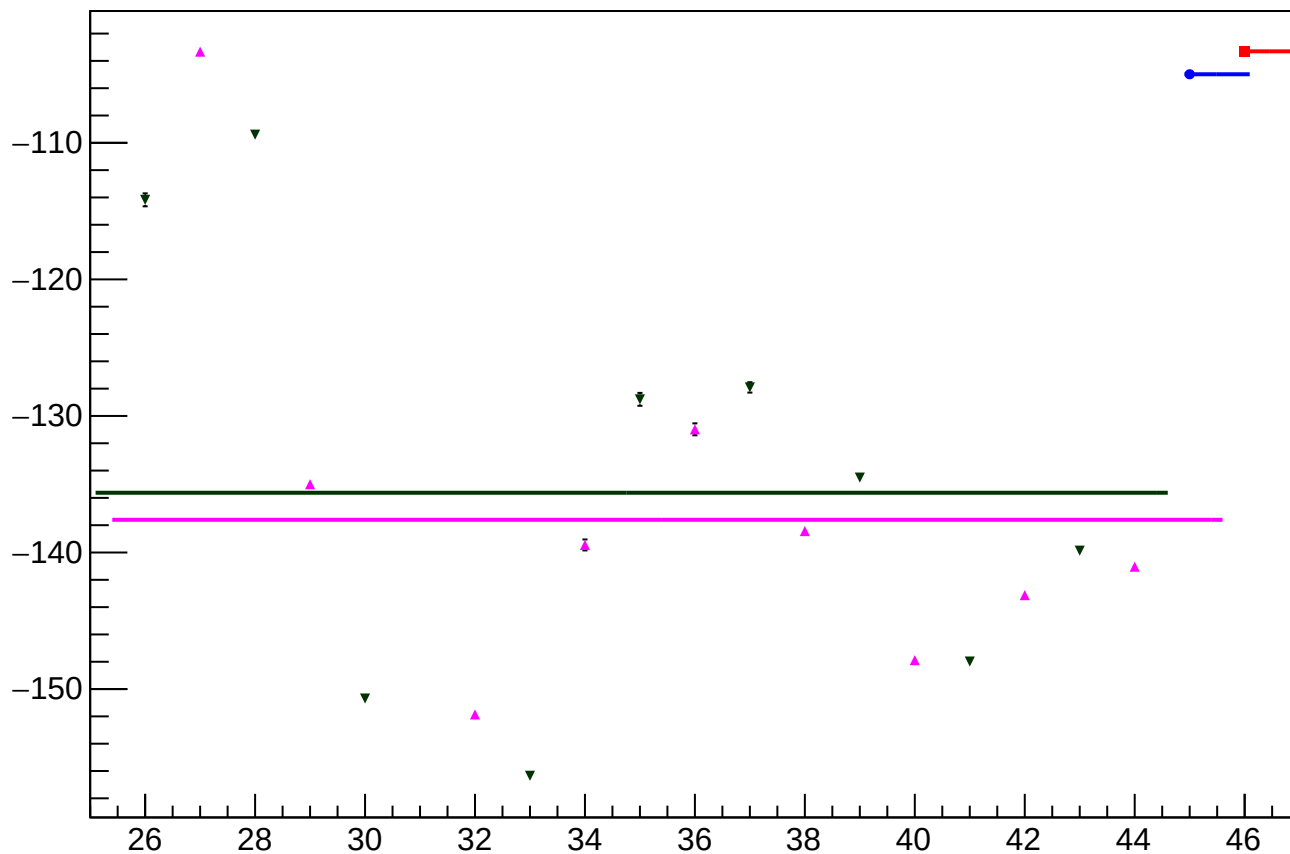
reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 21.843 $\pm$ 1.047 χ^2/NDF : 0.0/0
 Left Out: 23.318 $\pm$ 0.503 χ^2/NDF : 453.6/8
 Right Out: 24.107 $\pm$ 1.306 χ^2/NDF : 0.0/0
 Left In: 30.868 $\pm$ 0.424 χ^2/NDF : 480.3/8

23.041 $\pm$ 0.453 χ^2/NDF : 455.3/9
 30.225 $\pm$ 0.403 χ^2/NDF : 504.6/9

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -104.980+/-0.232 χ^2/NDF : 0.0/0

Left Out: -135.624+/-0.114 χ^2/NDF : 18316.3/8

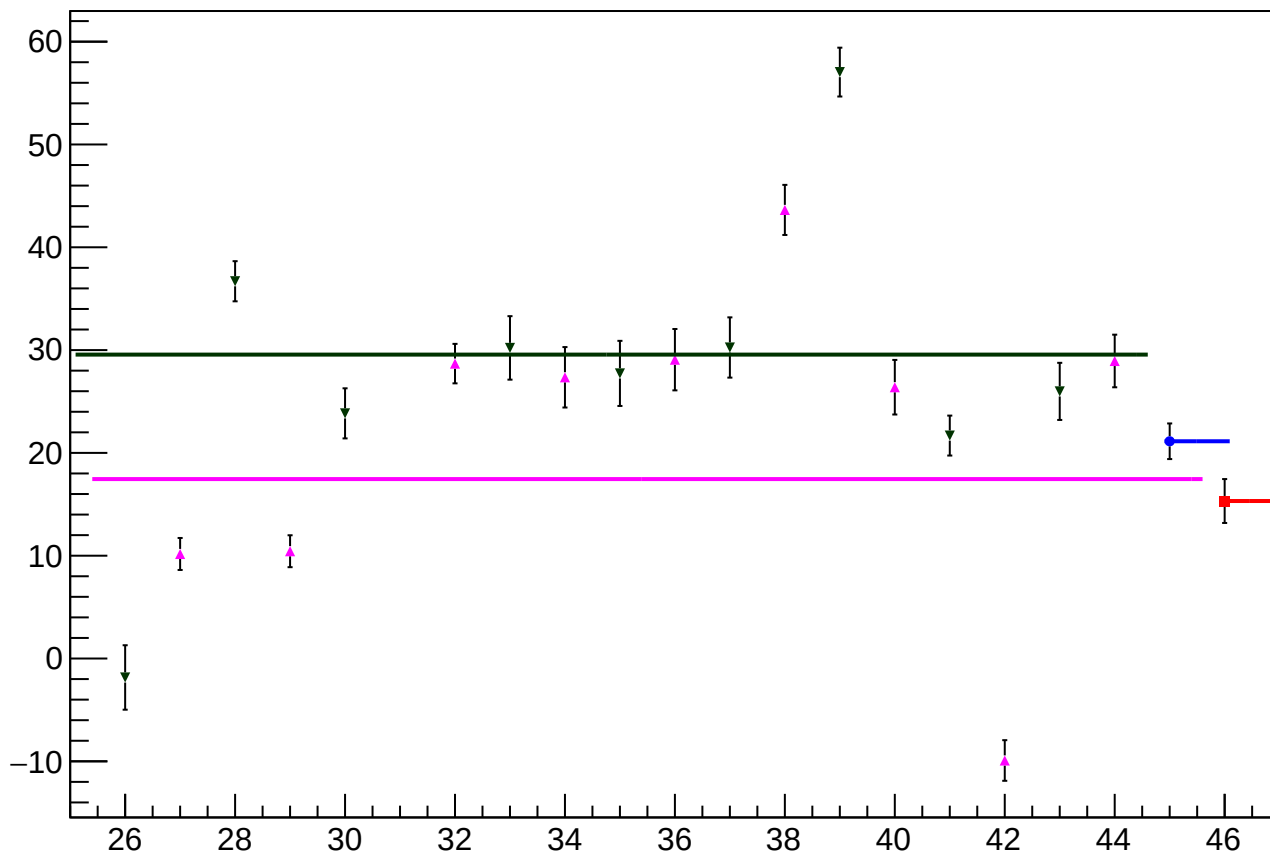
Right Out: -103.301+/-0.269 χ^2/NDF : 0.0/0

Left In: -137.605+/-0.100 χ^2/NDF : 21119.1/8

-129.651+/-0.102 χ^2/NDF : 32343.6/9

-133.471+/-0.093 χ^2/NDF : 35403.8/9

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 21.132+/-1.733 χ^2 /NDF: 0.0/0

Left Out: 29.561+/-0.838 χ^2 /NDF:271.6/8

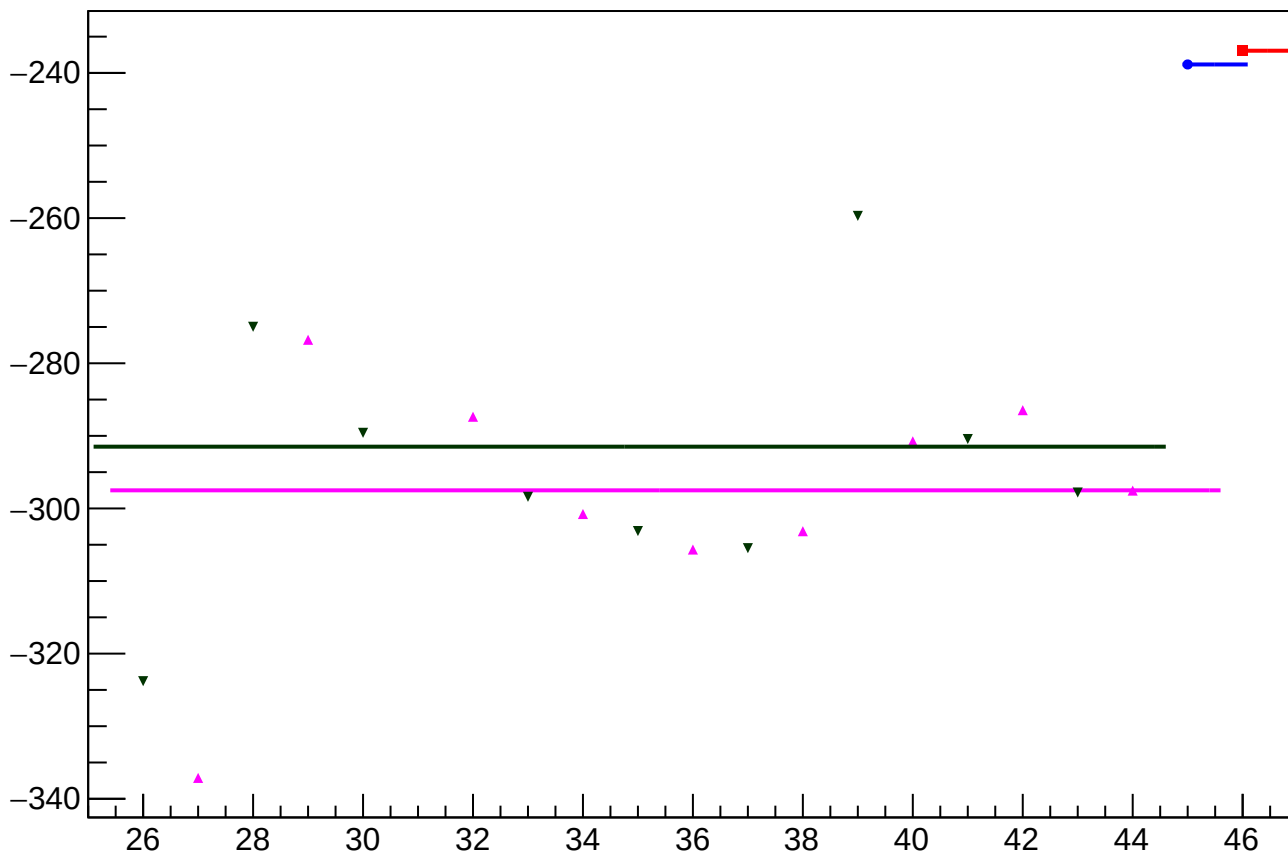
Right Out: 15.320+/-2.135 χ^2 /NDF: 0.0/0

Left In: 17.454+/-0.699 χ^2 /NDF:441.9/8

27.964+/-0.754 χ^2 /NDF: 290.8/9

17.247+/-0.664 χ^2 /NDF: 442.8/9

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -238.832+/-0.348 χ^2/NDF : 0.0/0

Left Out: -291.489+/-0.156 χ^2/NDF : 12241.2/8

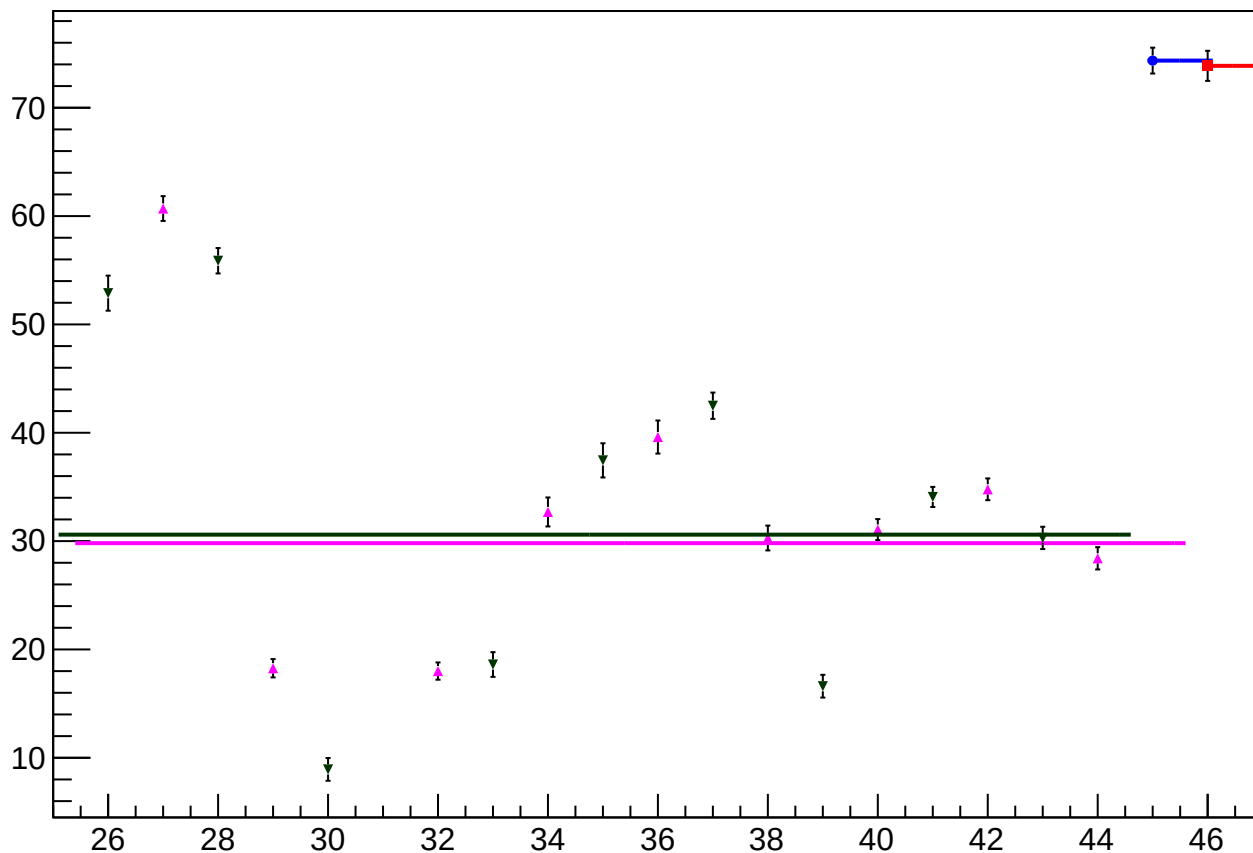
Right Out: -236.939+/-0.420 χ^2/NDF : 0.0/0

Left In: -297.505+/-0.148 χ^2/NDF : 15085.1/8

-282.638+/-0.142 χ^2/NDF : 31342.1/9

-290.782+/-0.140 χ^2/NDF : 33574.2/9

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 74.351+/-1.193 χ^2/NDF : 0.0/0

Left Out: 30.597+/-0.381 χ^2/NDF :1496.6/8

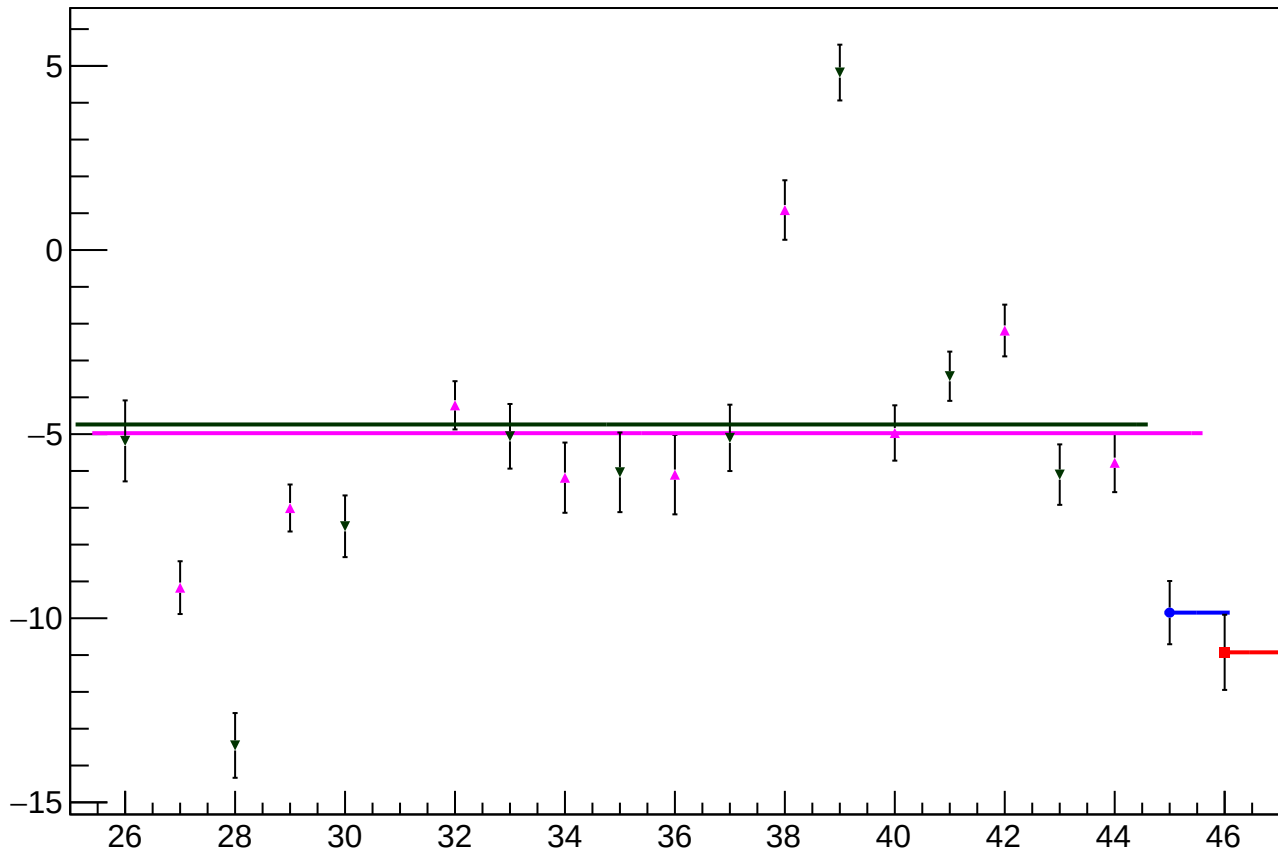
Right Out: 73.867+/-1.389 χ^2/NDF : 0.0/0

Left In: 29.811+/-0.343 χ^2/NDF :1208.1/8

34.653+/-0.363 χ^2/NDF : 2716.8/9

32.349+/-0.333 χ^2/NDF : 2156.8/9

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -9.847 $\pm$ 0.859 χ^2 /NDF: 0.0/0

Left Out: -4.737 $\pm$ 0.284 χ^2 /NDF: 276.8/8

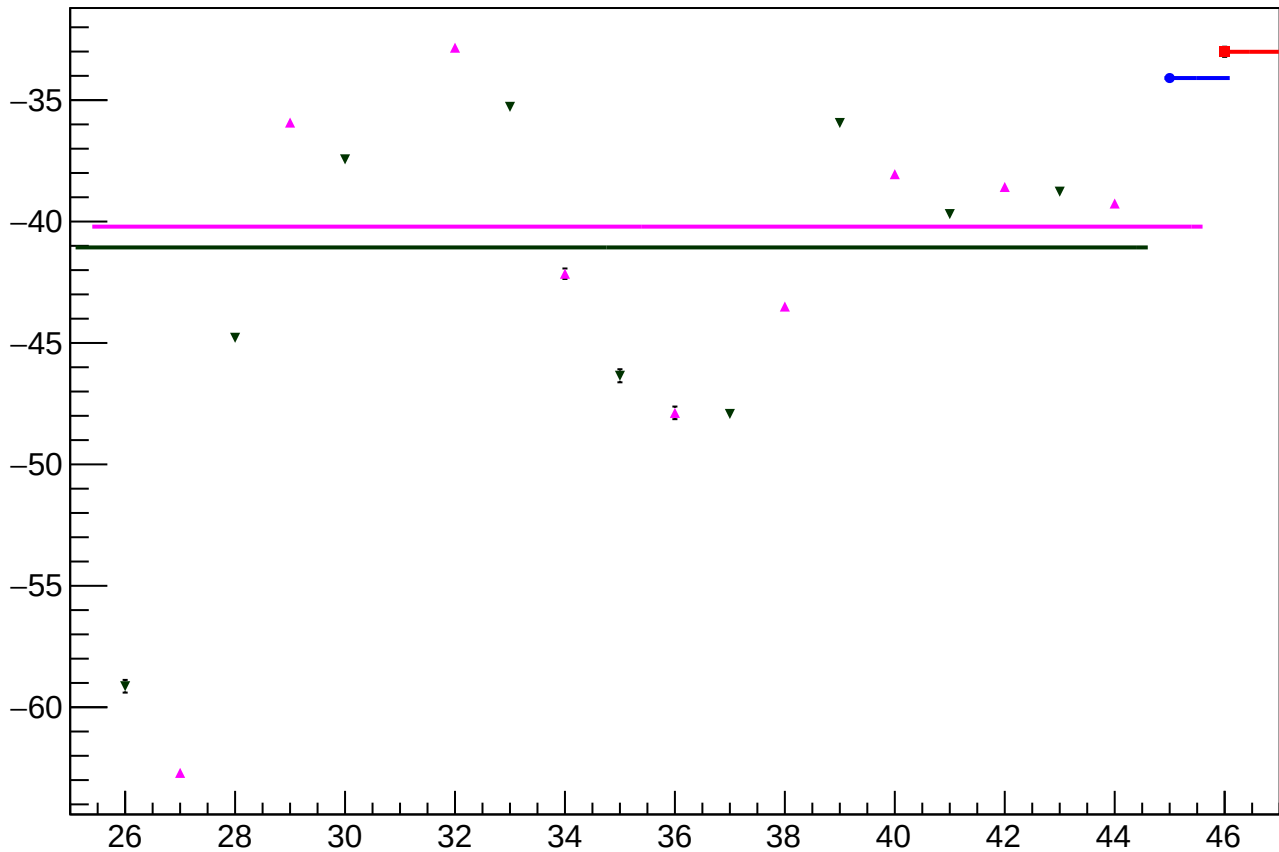
Right Out: -10.926 $\pm$ 1.021 χ^2 /NDF: 0.0/0

Left In: -4.974 $\pm$ 0.253 χ^2 /NDF: 121.4/8

-5.242 $\pm$ 0.270 χ^2 /NDF: 308.8/9

-5.319 $\pm$ 0.246 χ^2 /NDF: 153.4/9

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -34.091 ± 0.190 χ^2/NDF : 0.0/0

Left Out: -41.066 ± 0.063 χ^2/NDF : 9369.8/8

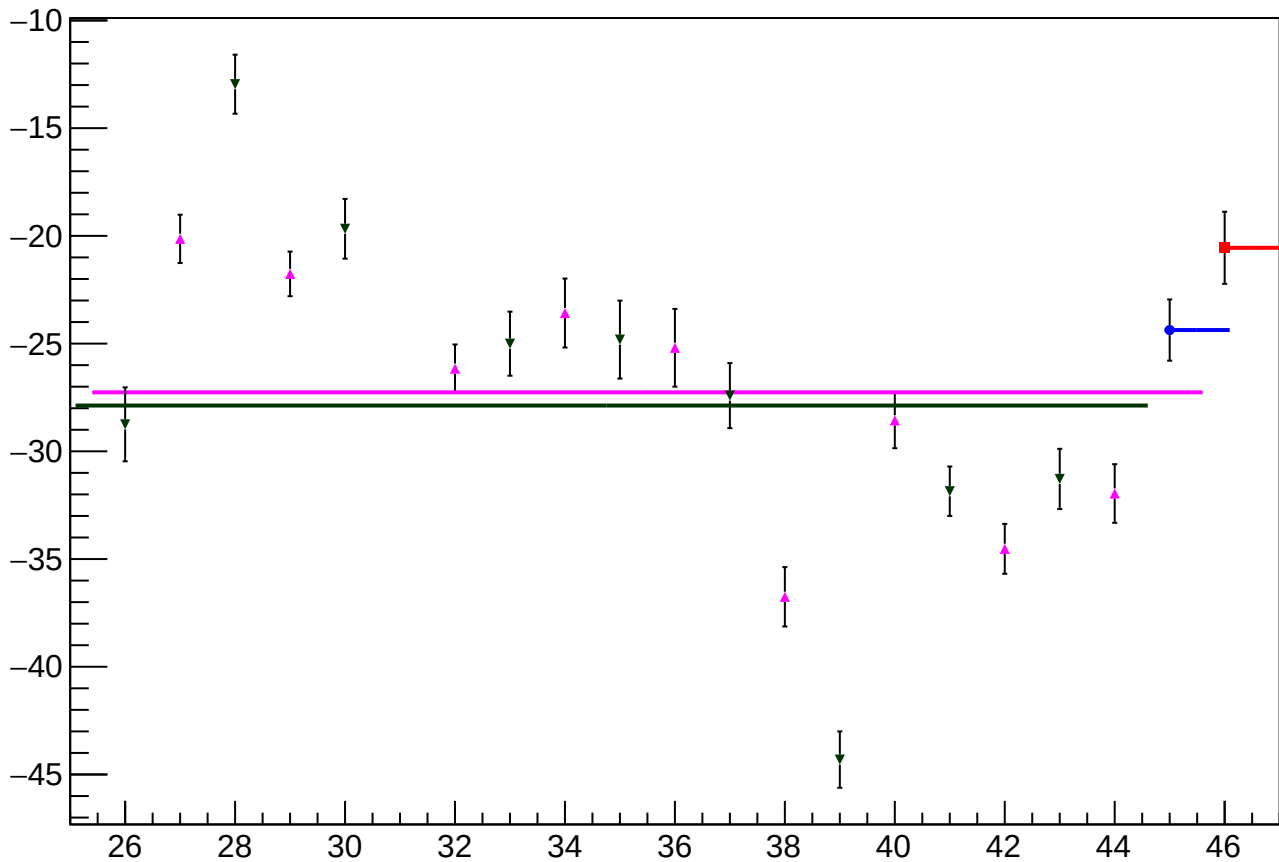
Right Out: -33.010 ± 0.209 χ^2/NDF : 0.0/0

Left In: -40.210 ± 0.058 χ^2/NDF : 18072.5/8

-40.365 ± 0.060 χ^2/NDF : 10585.7/9

-39.688 ± 0.056 χ^2/NDF : 19171.9/9

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.371 $\pm$ 1.421 χ^2 /NDF: 0.0/0

Left Out: -27.875 $\pm$ 0.474 χ^2 /NDF:335.8/8

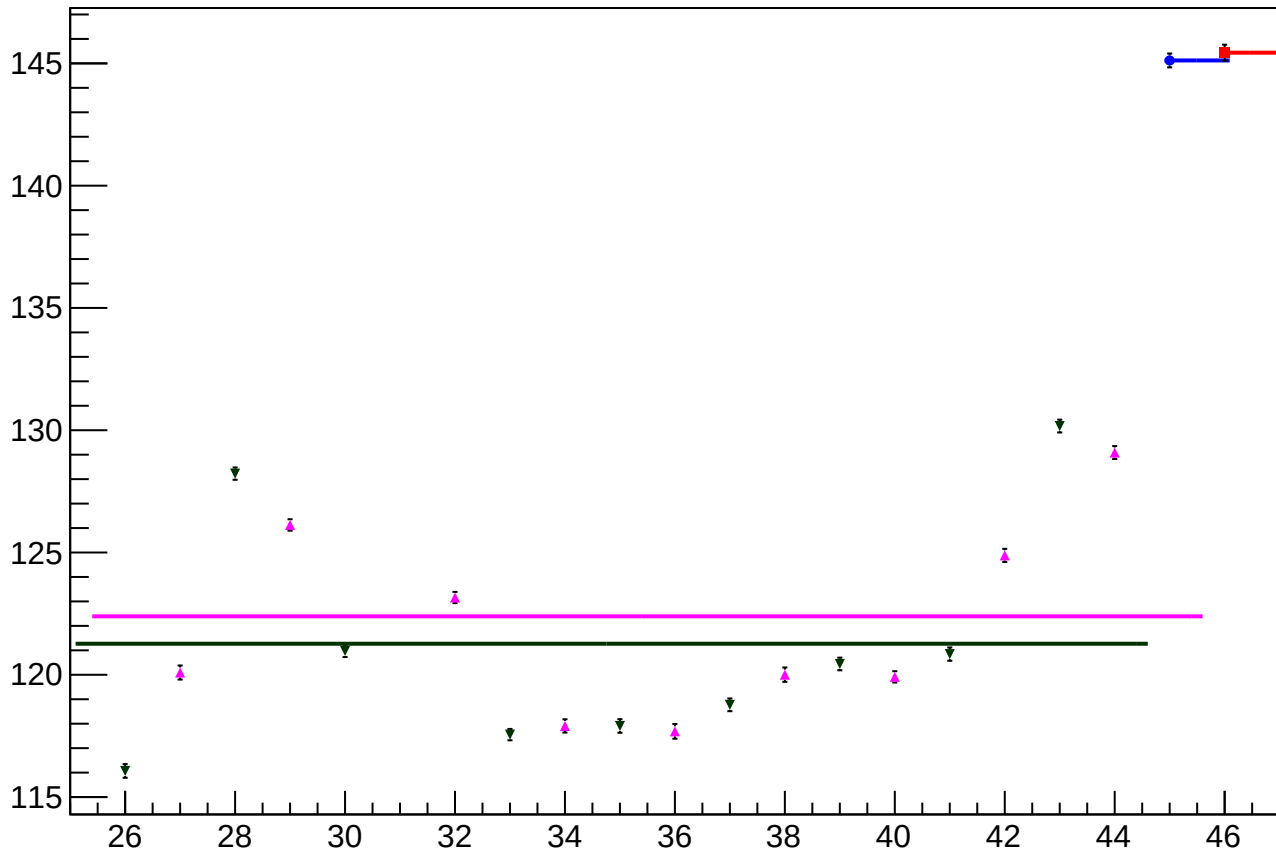
Right Out: -20.553 $\pm$ 1.673 χ^2 /NDF: 0.0/0

Left In: -27.262 $\pm$ 0.421 χ^2 /NDF:175.8/8

-27.523 $\pm$ 0.450 χ^2 /NDF: 341.3/9

-26.862 $\pm$ 0.409 χ^2 /NDF: 190.9/9

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 145.120 $\pm$ 0.284 χ^2 /NDF: 0.0/0

Left Out: 121.269 $\pm$ 0.087 χ^2 /NDF:2757.8/8

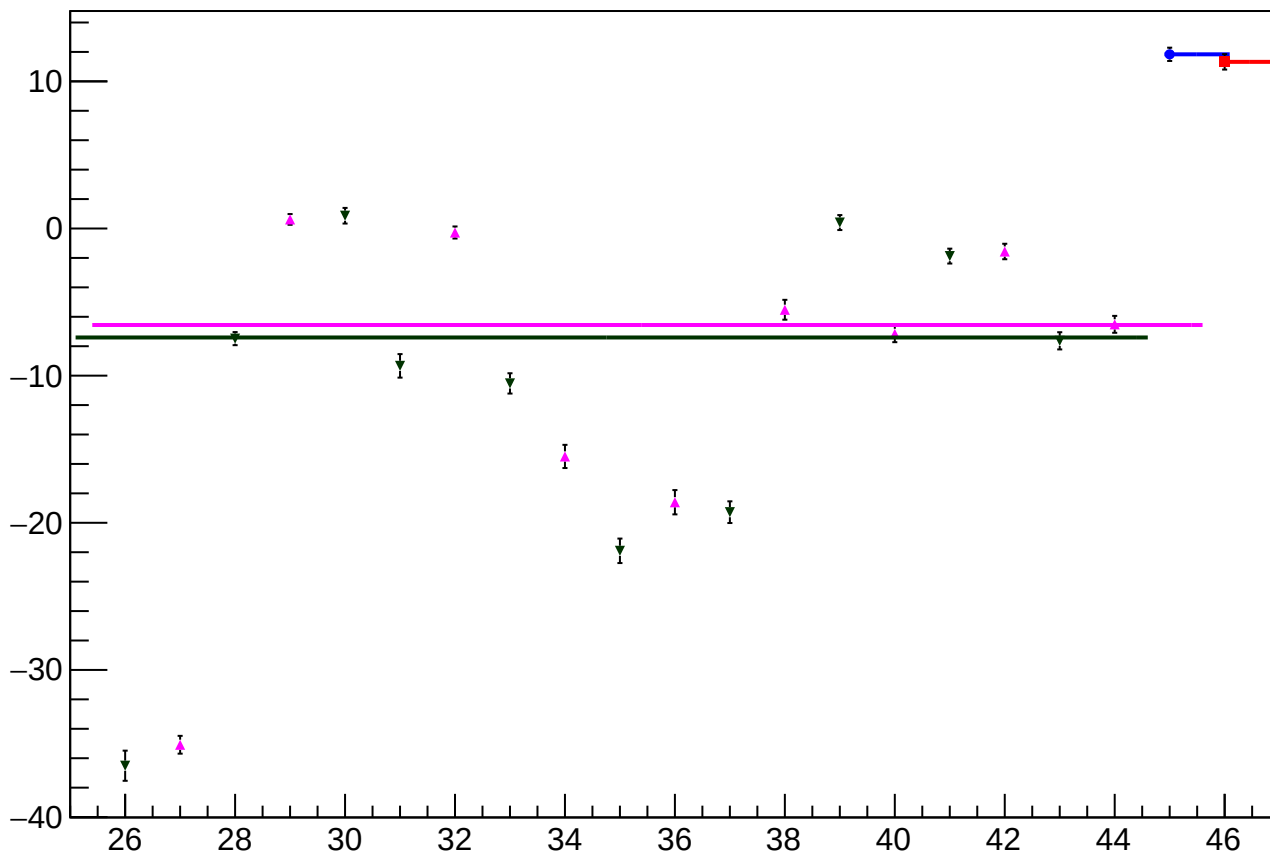
123.293 $\pm$ 0.083 χ^2 /NDF: 9195.2/9

Right Out: 145.438 $\pm$ 0.328 χ^2 /NDF: 0.0/0

123.905 $\pm$ 0.084 χ^2 /NDF: 6375.5/9

Left In: 122.391 $\pm$ 0.087 χ^2 /NDF:1757.6/8

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: 11.838+/-0.452 χ^2 /NDF: 0.0/0

Left Out: -7.406+/-0.192 χ^2 /NDF:1994.4/9

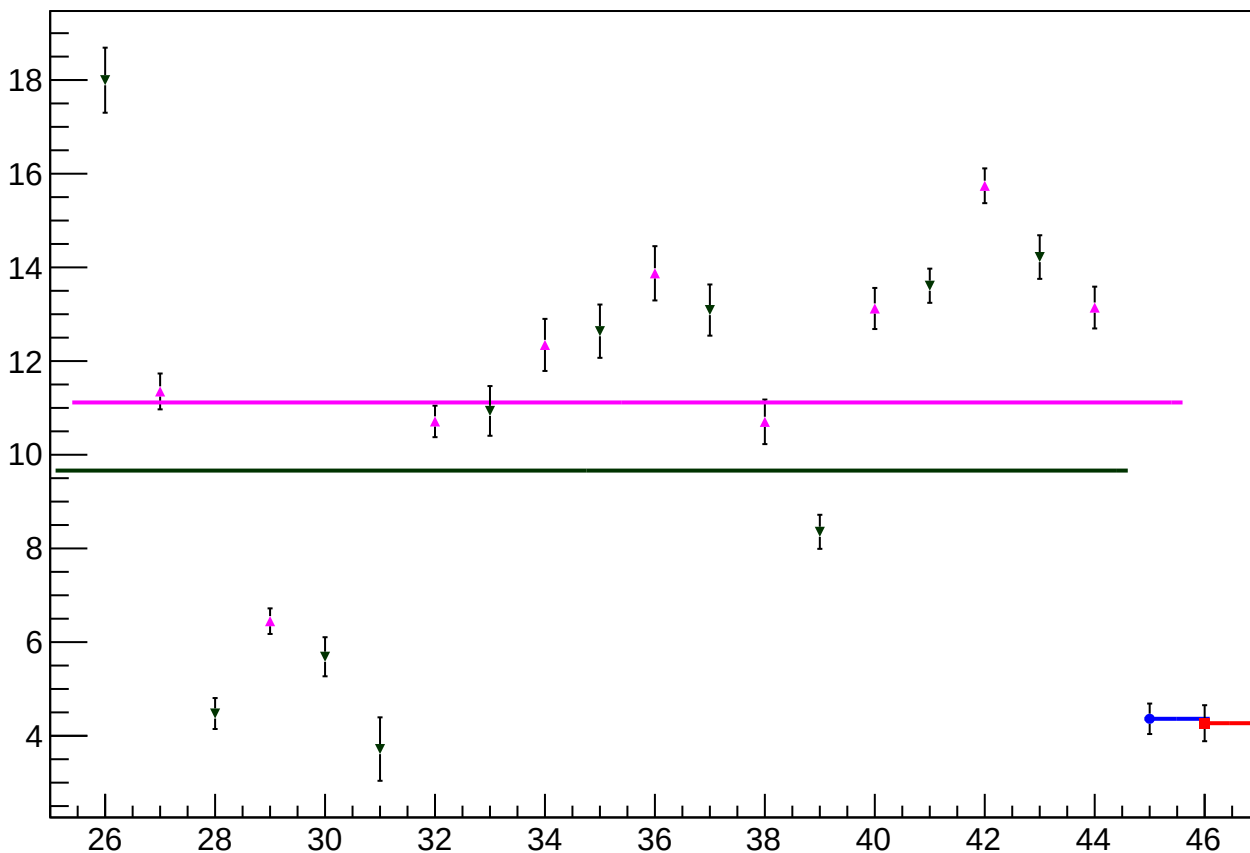
-4.471+/-0.177 χ^2 /NDF: 3530.9/10

Right Out: 11.325+/-0.524 χ^2 /NDF: 0.0/0

-4.692+/-0.169 χ^2 /NDF: 4324.9/9

Left In: -6.558+/-0.179 χ^2 /NDF:3282.1/8

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 4.363 ± 0.325 χ^2/NDF : 0.0/0

Left Out: 9.662 ± 0.143 χ^2/NDF : 856.3/9

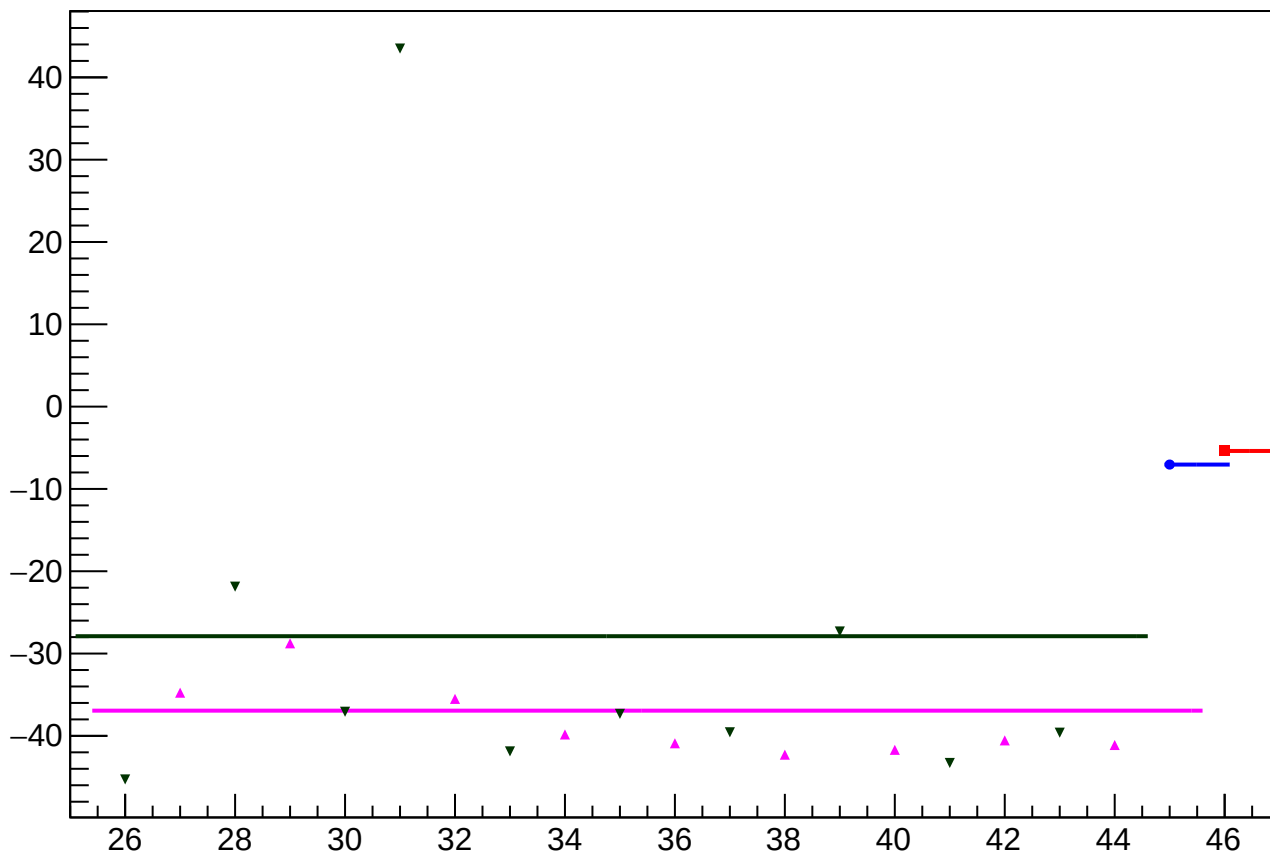
Right Out: 4.269 ± 0.384 χ^2/NDF : 0.0/0

Left In: 11.116 ± 0.132 χ^2/NDF : 518.9/8

8.803 ± 0.131 χ^2/NDF : 1078.7/10

10.392 ± 0.125 χ^2/NDF : 802.6/9

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -7.040 ± 0.072 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -27.892 ± 0.032 $\chi^2/\text{NDF}: 549678.9/9$

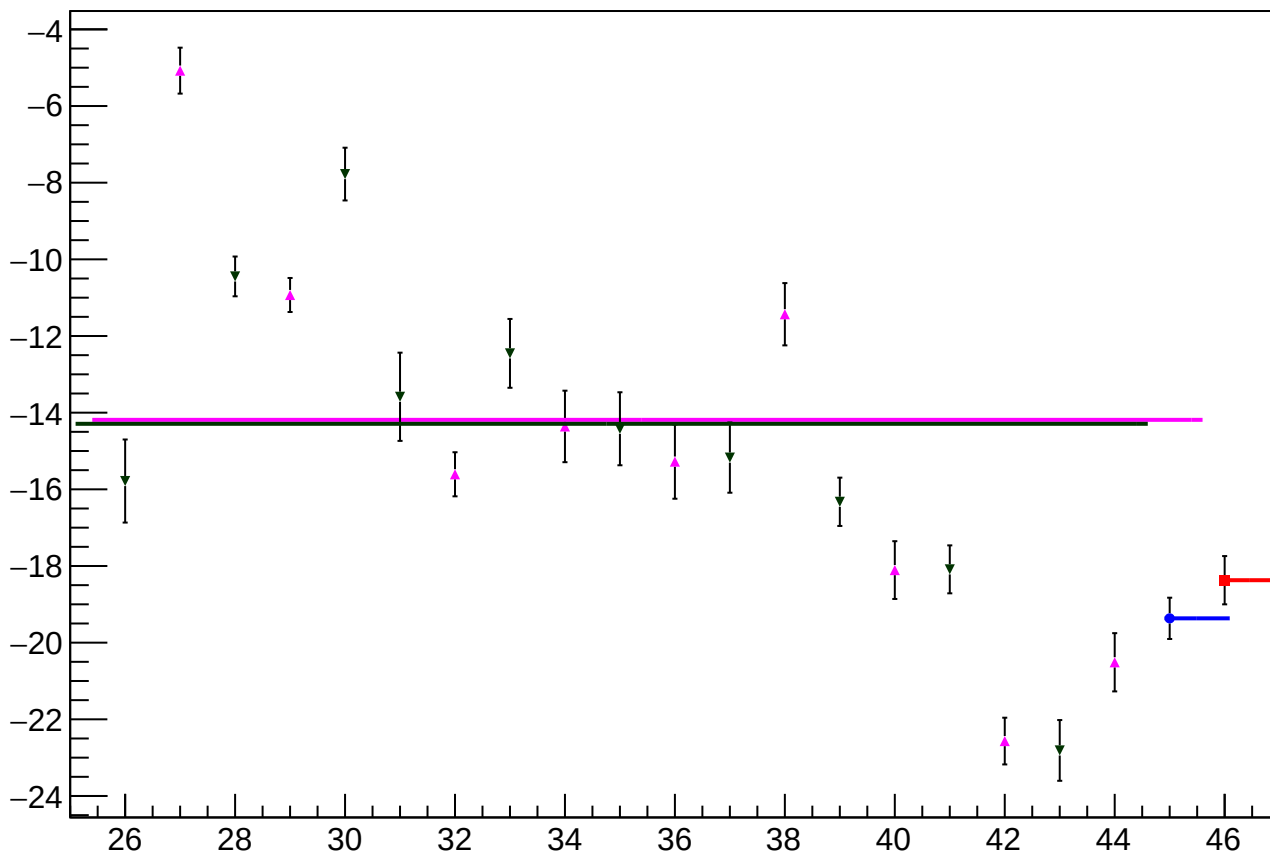
-24.504 ± 0.029 $\chi^2/\text{NDF}: 619788.6/10$

Right Out: -5.387 ± 0.079 $\chi^2/\text{NDF}: 0.0/0$

-32.793 ± 0.029 $\chi^2/\text{NDF}: 161734.2/9$

Left In: -36.937 ± 0.031 $\chi^2/\text{NDF}: 23653.1/8$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -19.366 $\pm$ 0.539 χ^2 /NDF: 0.0/0

Left Out: -14.291 $\pm$ 0.238 χ^2 /NDF:314.9/9

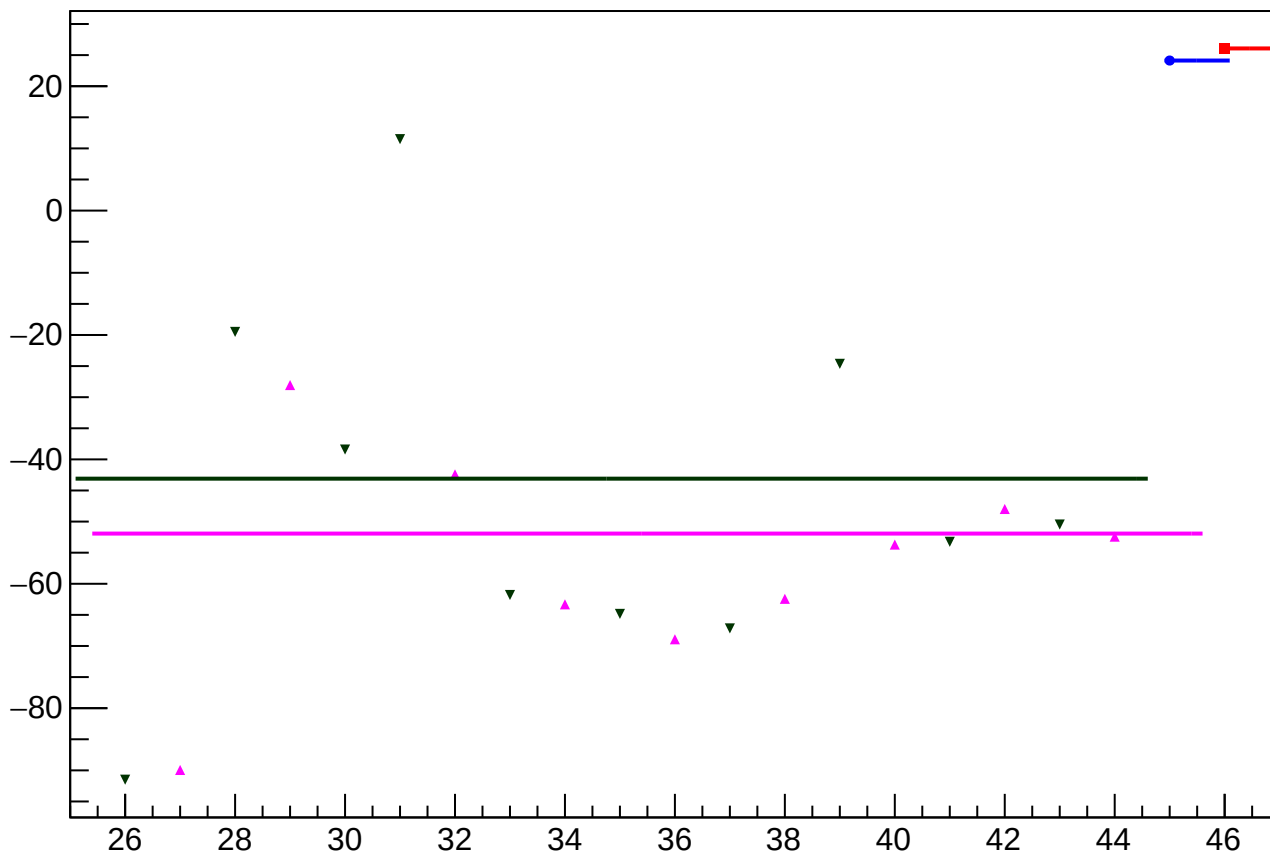
Right Out: -18.371 $\pm$ 0.630 χ^2 /NDF: 0.0/0

Left In: -14.187 $\pm$ 0.219 χ^2 /NDF:589.2/8

-15.121 $\pm$ 0.218 χ^2 /NDF: 389.2/10

-14.640 $\pm$ 0.207 χ^2 /NDF: 628.6/9

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: 24.126+/-0.108 χ^2/NDF : 0.0/0

Left Out: -43.100+/-0.044 χ^2/NDF : 296352.7/9

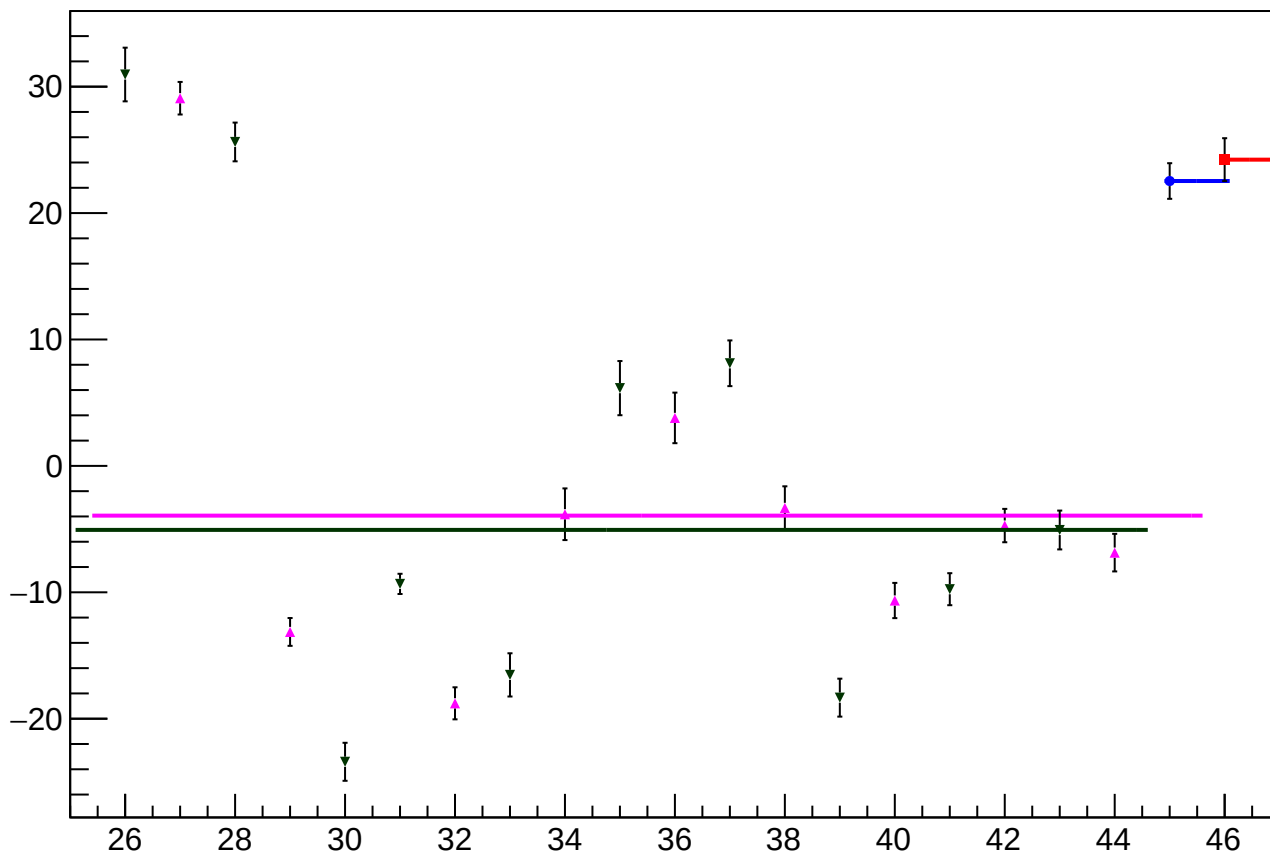
-33.509+/-0.041 χ^2/NDF : 629091.9/10

Right Out: 26.071+/-0.124 χ^2/NDF : 0.0/0

-42.539+/-0.043 χ^2/NDF : 499764.3/9

Left In: -51.929+/-0.046 χ^2/NDF : 149071.1/8

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 22.536 $\pm$ 1.409 χ^2 /NDF: 0.0/0

Left Out: -5.063 $\pm$ 0.447 χ^2 /NDF:1084.1/9

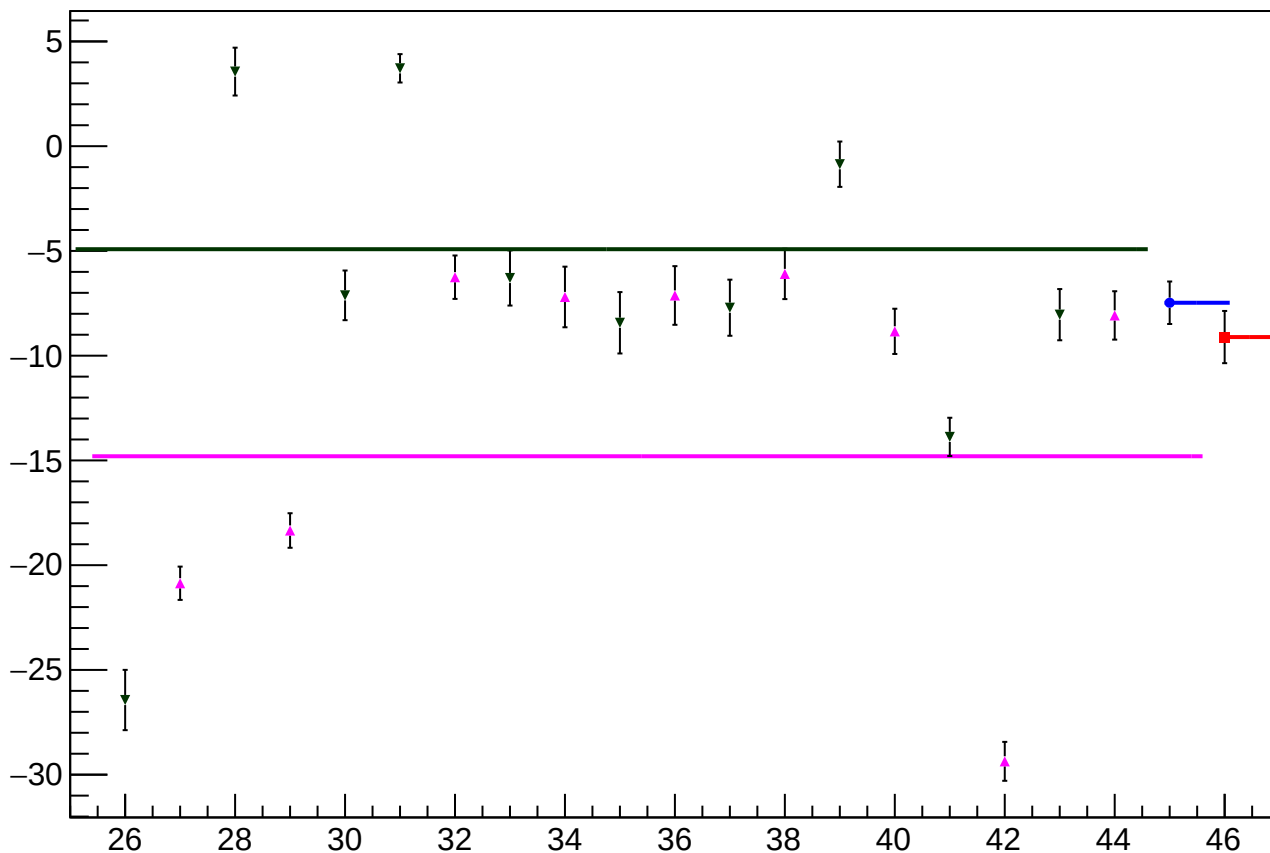
Right Out: 24.226 $\pm$ 1.697 χ^2 /NDF: 0.0/0

Left In: -3.935 $\pm$ 0.475 χ^2 /NDF:906.7/8

-2.544 $\pm$ 0.426 χ^2 /NDF: 1432.5/10

-1.887 $\pm$ 0.458 χ^2 /NDF: 1161.9/9

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -7.473 ± 1.014 χ^2/NDF : 0.0/0

Left Out: -4.917 ± 0.344 χ^2/NDF : 572.7/9

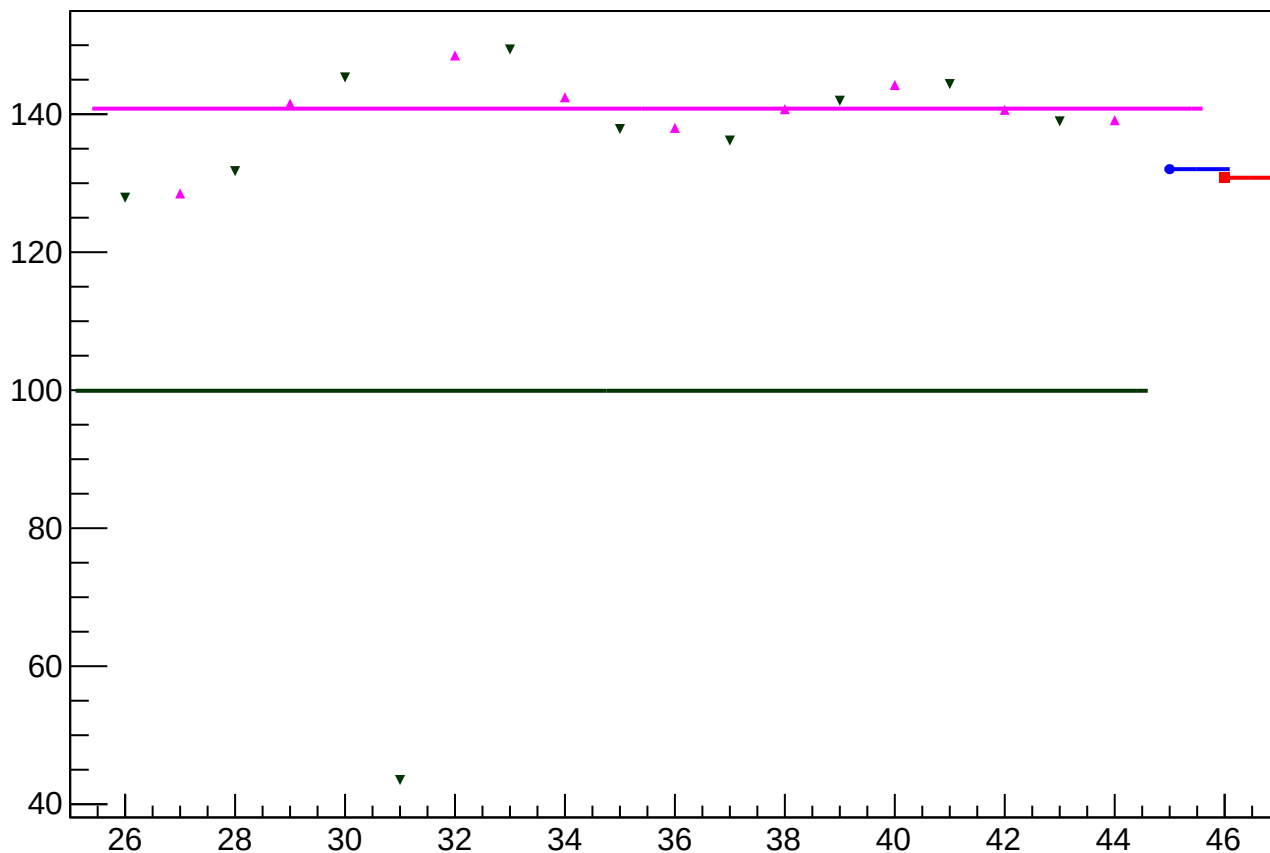
Right Out: -9.111 ± 1.246 χ^2/NDF : 0.0/0

Left In: -14.801 ± 0.344 χ^2/NDF : 564.9/8

-5.181 ± 0.326 χ^2/NDF : 578.4/10

-14.397 ± 0.332 χ^2/NDF : 584.3/9

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 132.036 $\pm$ 0.224 χ^2 /NDF: 0.0/0

Left Out: 99.920 $\pm$ 0.069 χ^2 /NDF: 483835.4/9

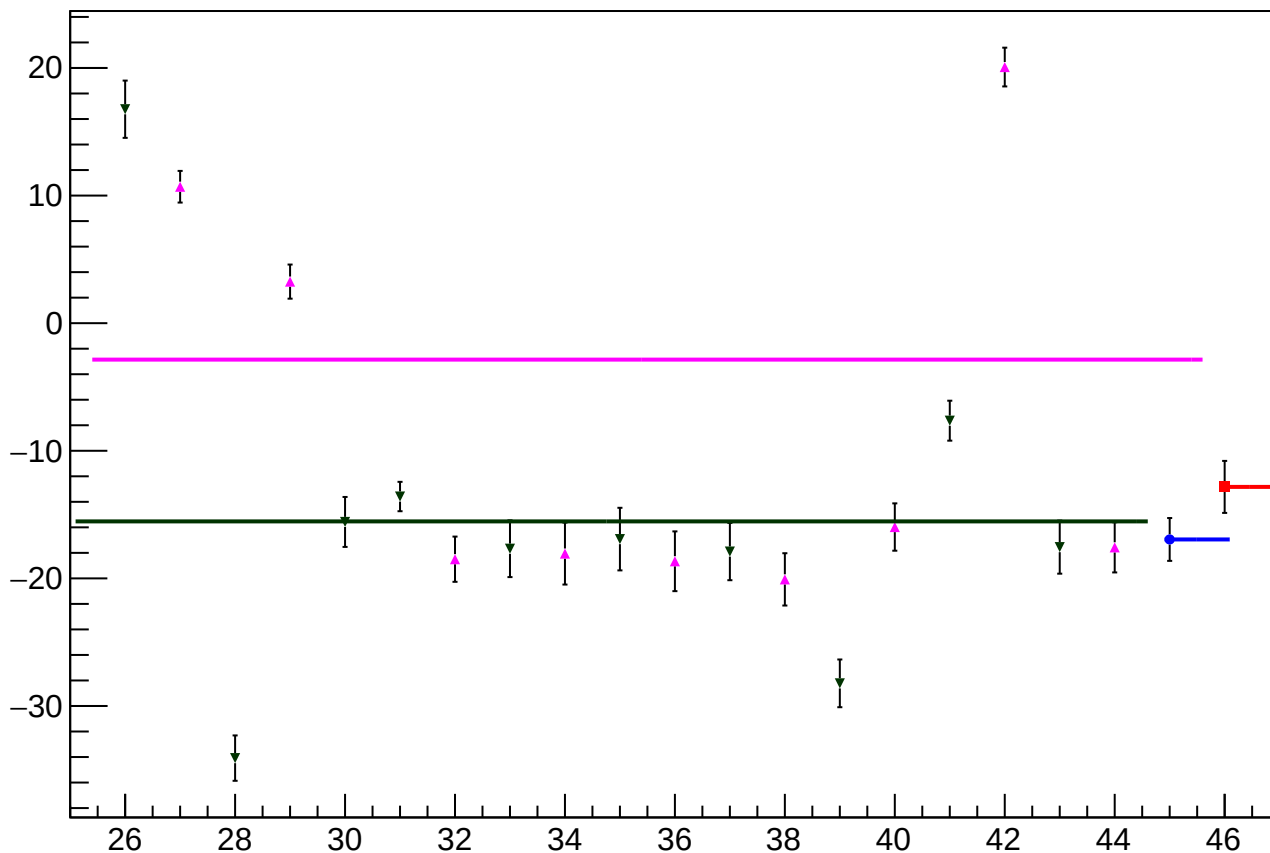
Right Out: 130.790 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Left In: 140.804 $\pm$ 0.082 χ^2 /NDF: 4715.7/8

102.692 $\pm$ 0.066 χ^2 /NDF: 502550.4/10

139.872 $\pm$ 0.078 χ^2 /NDF: 6100.1/9

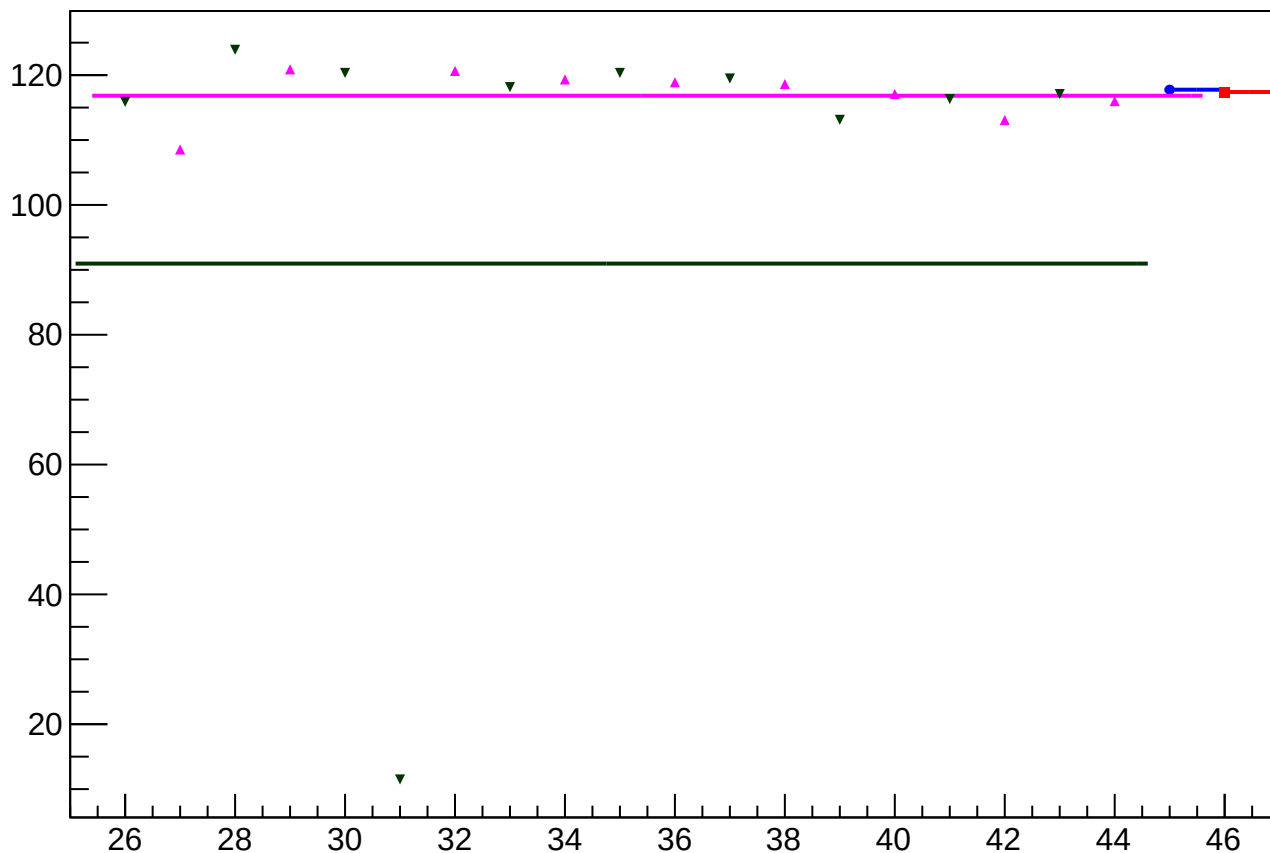
reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -16.949 ± 1.679 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$
 Right Out: -12.831 ± 2.038 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-15.683 ± 0.544 $\chi^2/\text{NDF}: 394.4/10$
 -3.574 ± 0.547 $\chi^2/\text{NDF}: 729.7/9$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 117.757 $\pm$ 0.336 χ^2 /NDF: 0.0/0

Left Out: 90.964 $\pm$ 0.105 χ^2 /NDF:199649.1/9

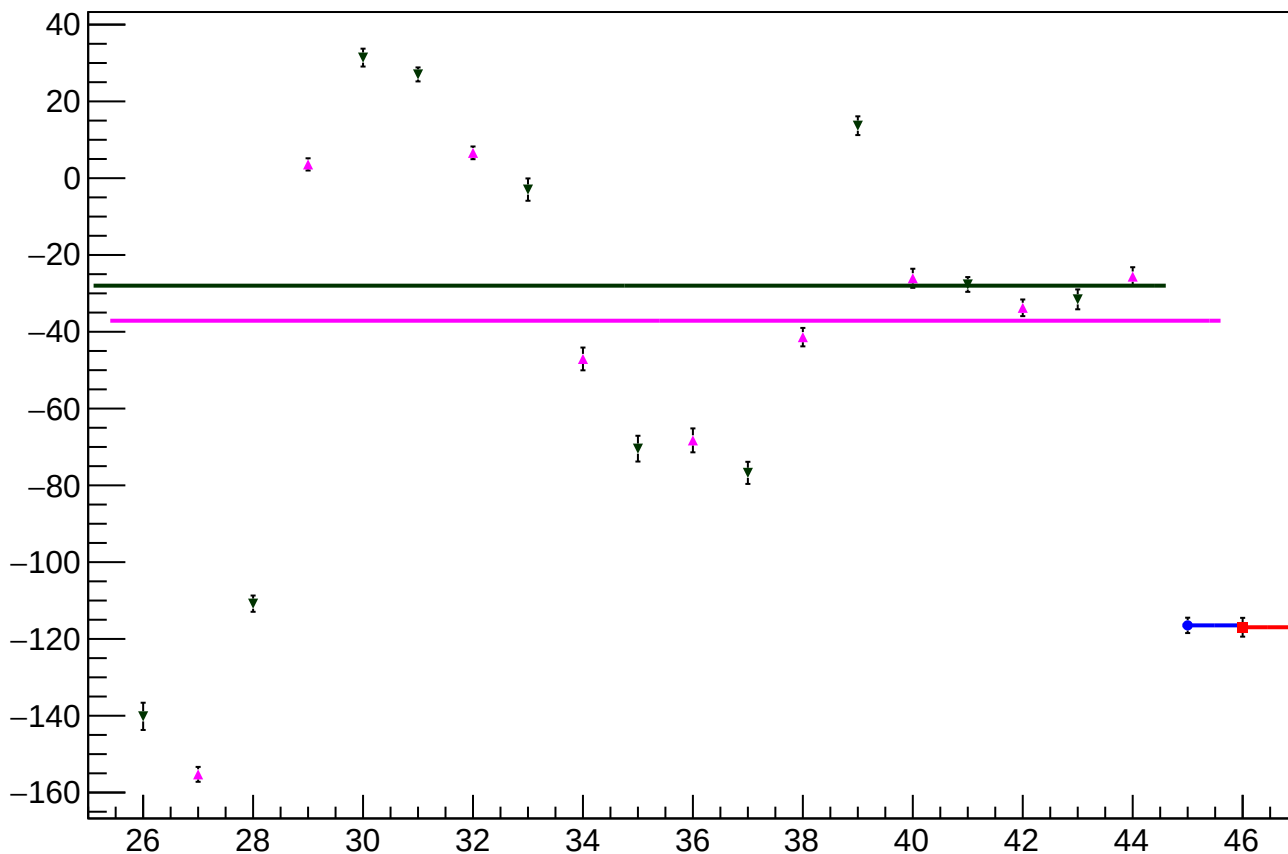
Right Out: 117.401 $\pm$ 0.400 χ^2 /NDF: 0.0/0

Left In: 116.827 $\pm$ 0.120 χ^2 /NDF:1139.4/8

93.338 $\pm$ 0.100 χ^2 /NDF: 205443.1/10

116.875 $\pm$ 0.115 χ^2 /NDF: 1141.3/9

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -116.467+/-2.001 χ^2/NDF : 0.0/0

Left Out: -27.991+/-0.766 χ^2/NDF : 4906.9/9

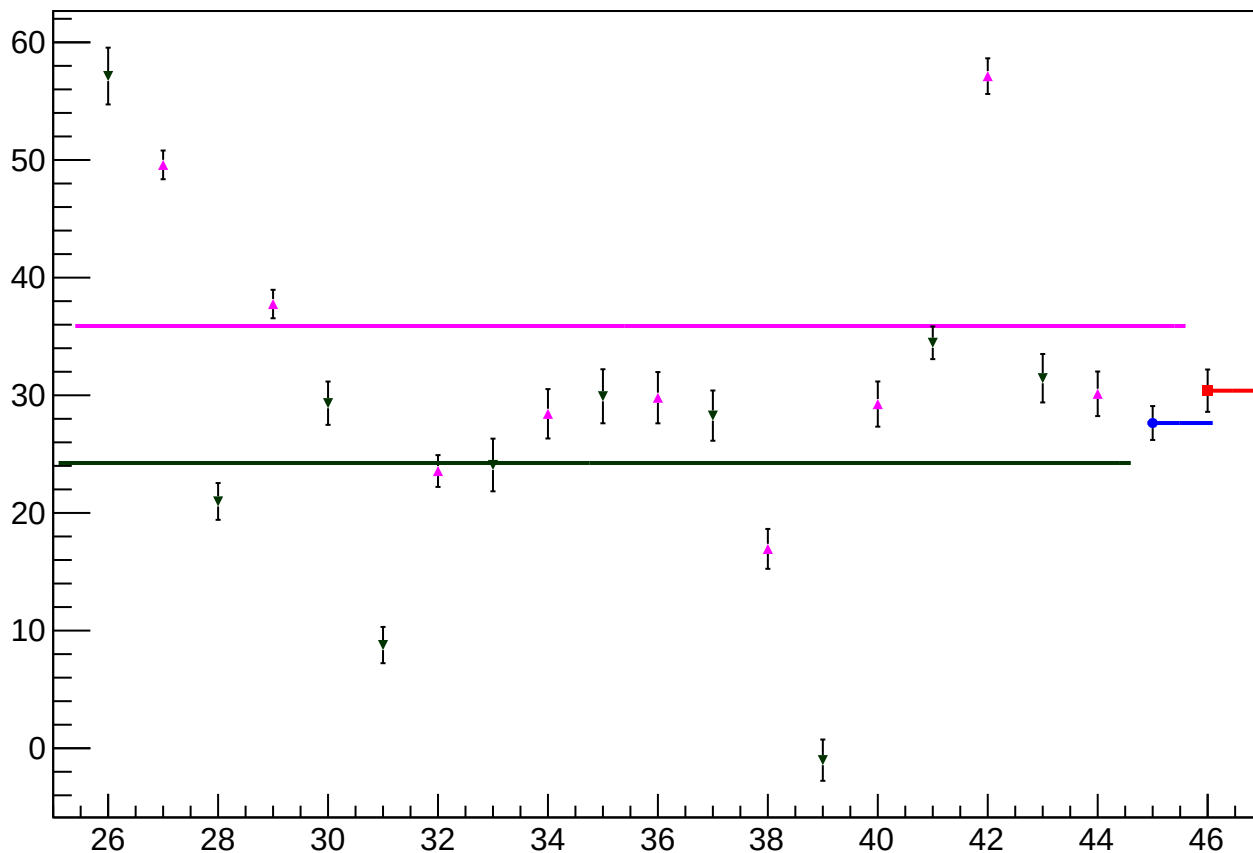
Right Out: -116.957+/-2.449 χ^2/NDF : 0.0/0

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-39.307+/-0.716 χ^2/NDF : 6611.5/10

-43.379+/-0.686 χ^2/NDF : 6198.8/9

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 27.643+/-1.440 χ^2 /NDF: 0.0/0

Left Out: 24.247+/-0.579 χ^2 /NDF:582.0/9

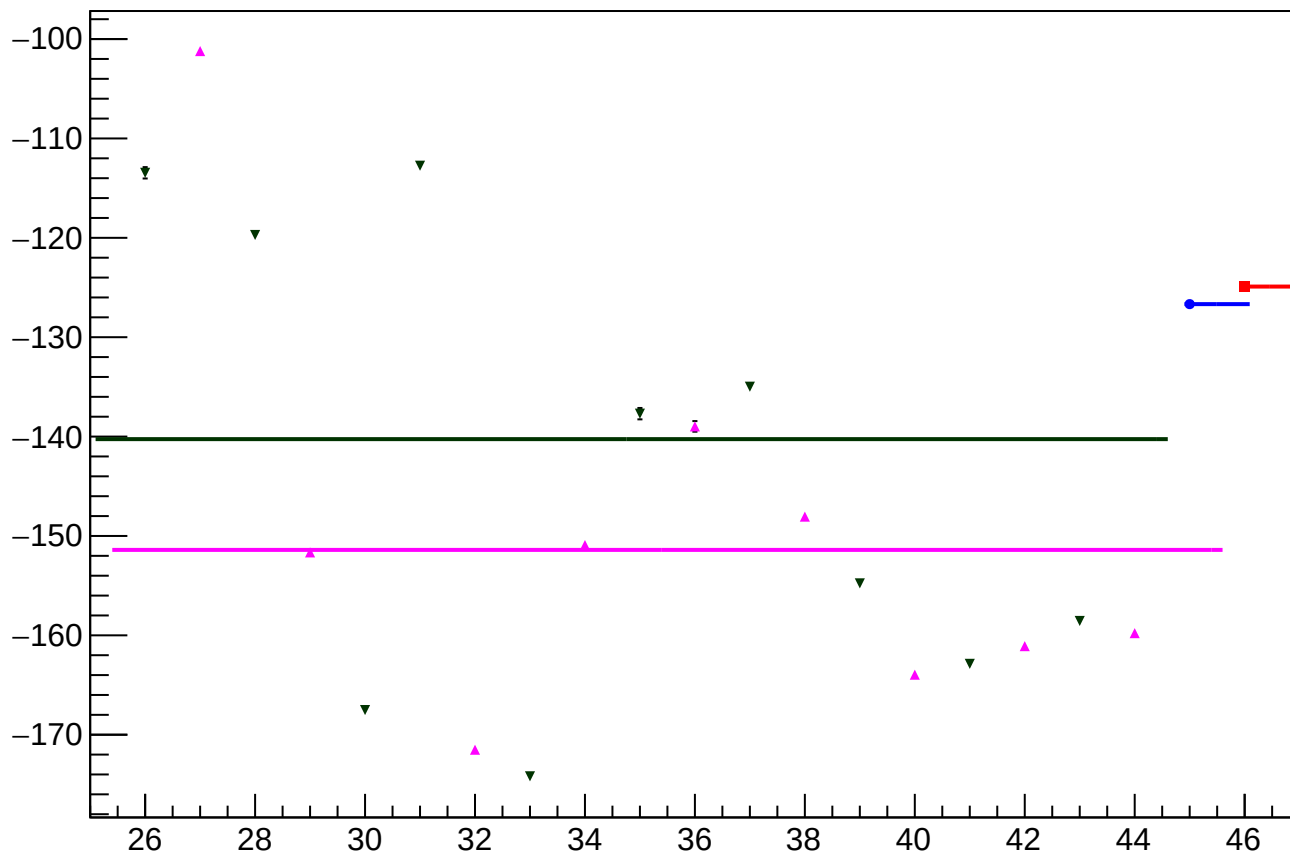
Right Out: 30.392+/-1.798 χ^2 /NDF: 0.0/0

Left In: 35.888+/-0.522 χ^2 /NDF:574.5/8

24.719+/-0.537 χ^2 /NDF: 586.8/10

35.462+/-0.501 χ^2 /NDF: 583.2/9

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -126.672+/-0.319 χ^2/NDF : 0.0/0

Left Out: -140.257+/-0.122 χ^2/NDF : 36380.6/9

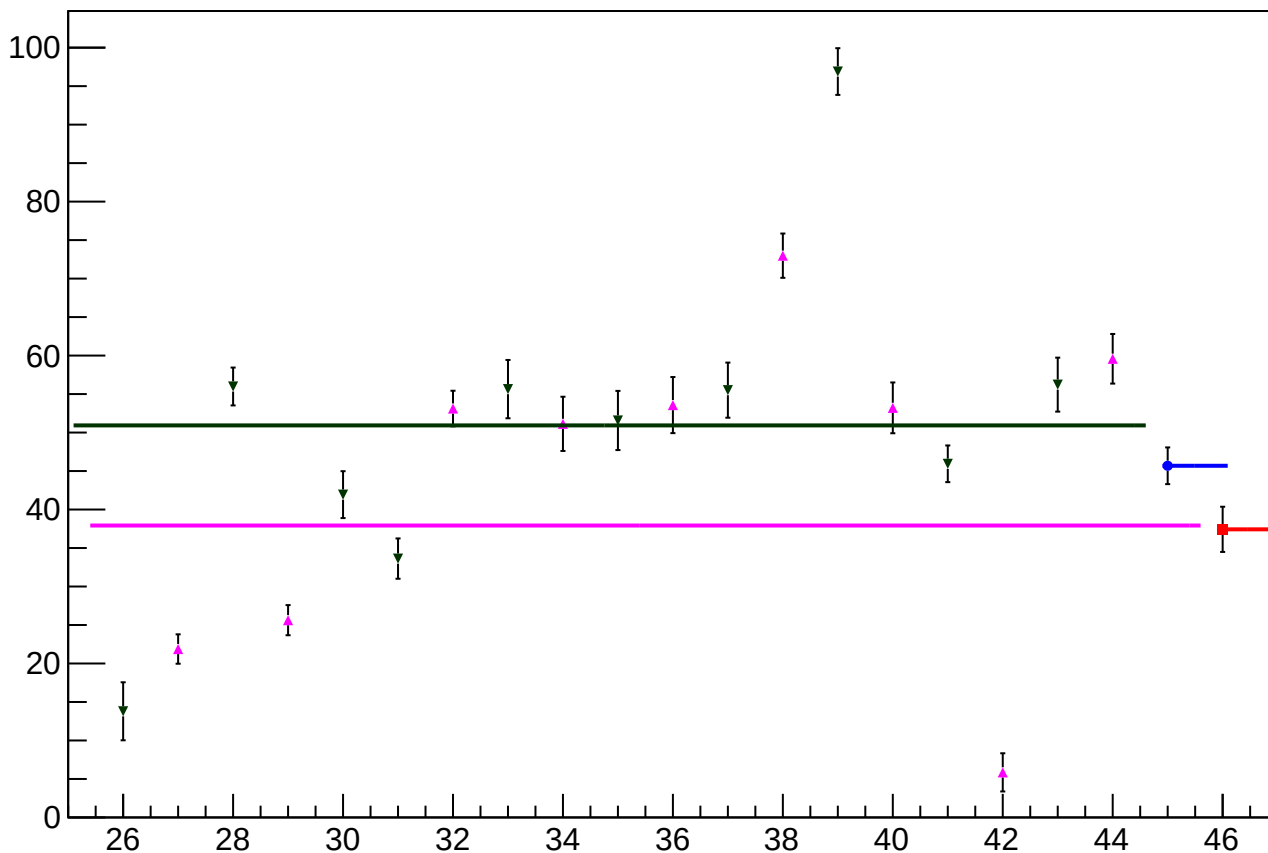
Right Out: -124.904+/-0.370 χ^2/NDF : 0.0/0

Left In: -151.403+/-0.122 χ^2/NDF : 30317.9/8

-138.518+/-0.114 χ^2/NDF : 37961.2/10

-148.804+/-0.116 χ^2/NDF : 34940.3/9

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 45.684+/-2.384 χ^2/NDF : 0.0/0

Left Out: 50.929+/-0.966 χ^2/NDF : 393.0/9

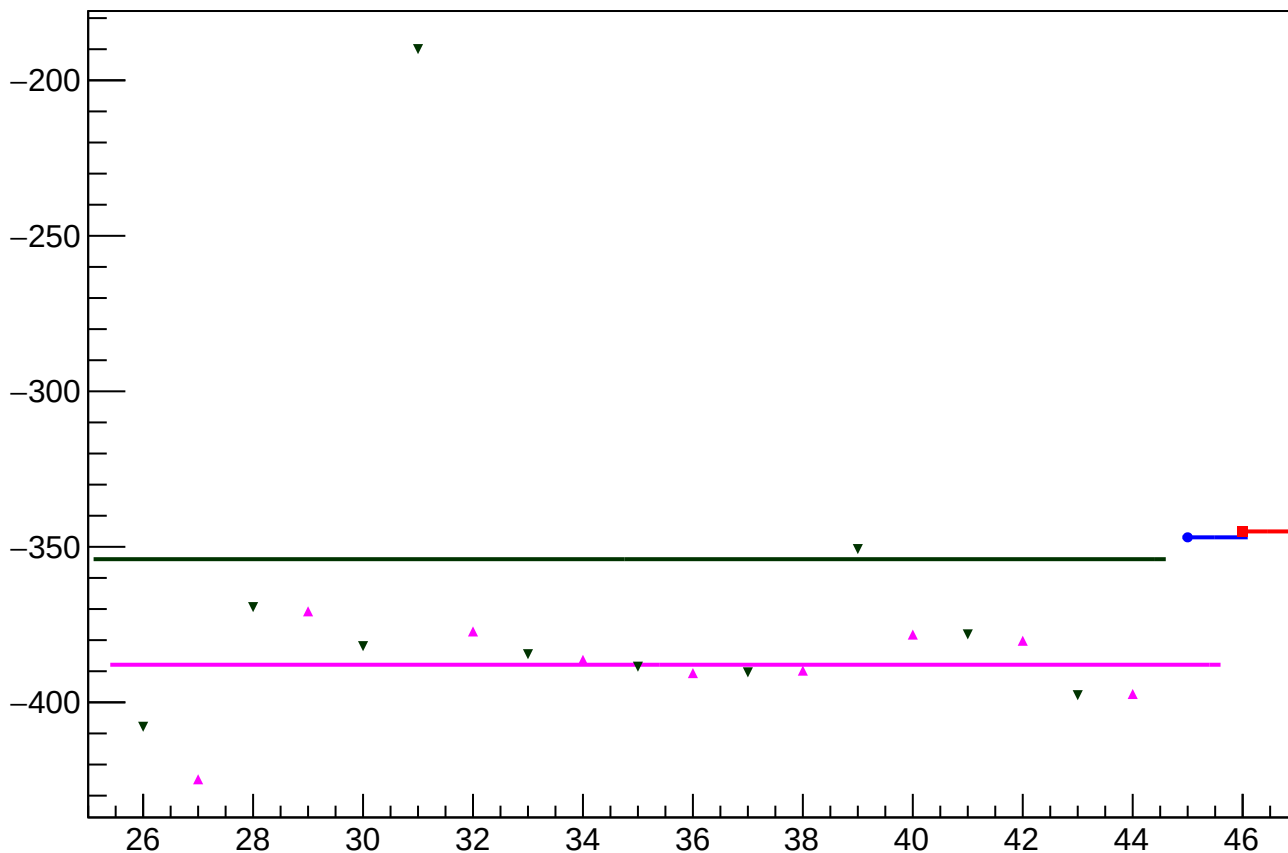
Right Out: 37.427+/-2.937 χ^2/NDF : 0.0/0

Left In: 37.924+/-0.861 χ^2/NDF : 567.9/8

50.189+/-0.895 χ^2/NDF : 397.2/10

37.884+/-0.826 χ^2/NDF : 567.9/9

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -346.946+/-0.478 χ^2 /NDF: 0.0/0

Left Out: -353.970+/-0.179 χ^2 /NDF:148485.8/9

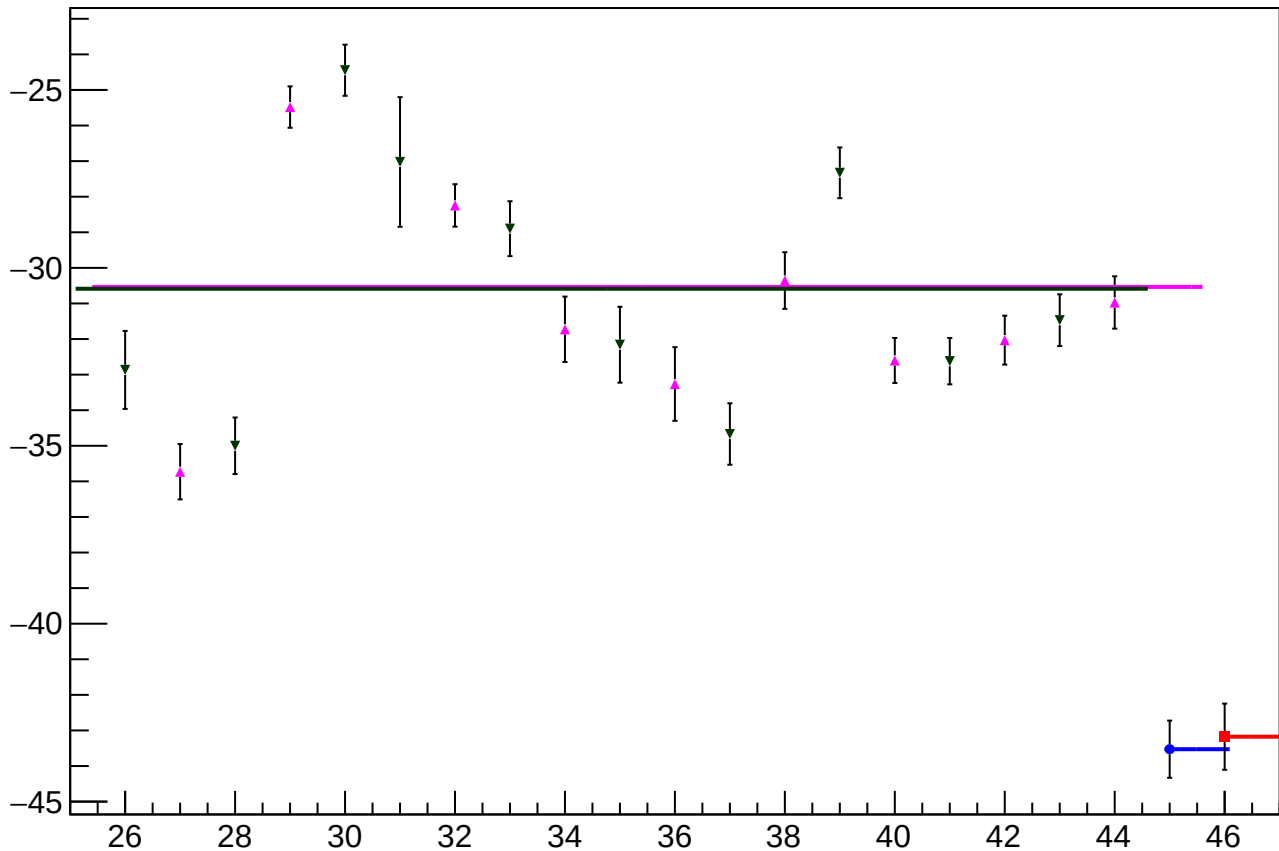
Right Out: -345.049+/-0.578 χ^2 /NDF: 0.0/0

Left In: -387.911+/-0.183 χ^2 /NDF:8311.6/8

-353.105+/-0.168 χ^2 /NDF: 148675.4/10

-384.021+/-0.174 χ^2 /NDF: 13316.5/9

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -43.527 $\pm$ 0.804 χ^2 /NDF: 0.0/0

Left Out: -30.587 $\pm$ 0.260 χ^2 /NDF:173.5/9

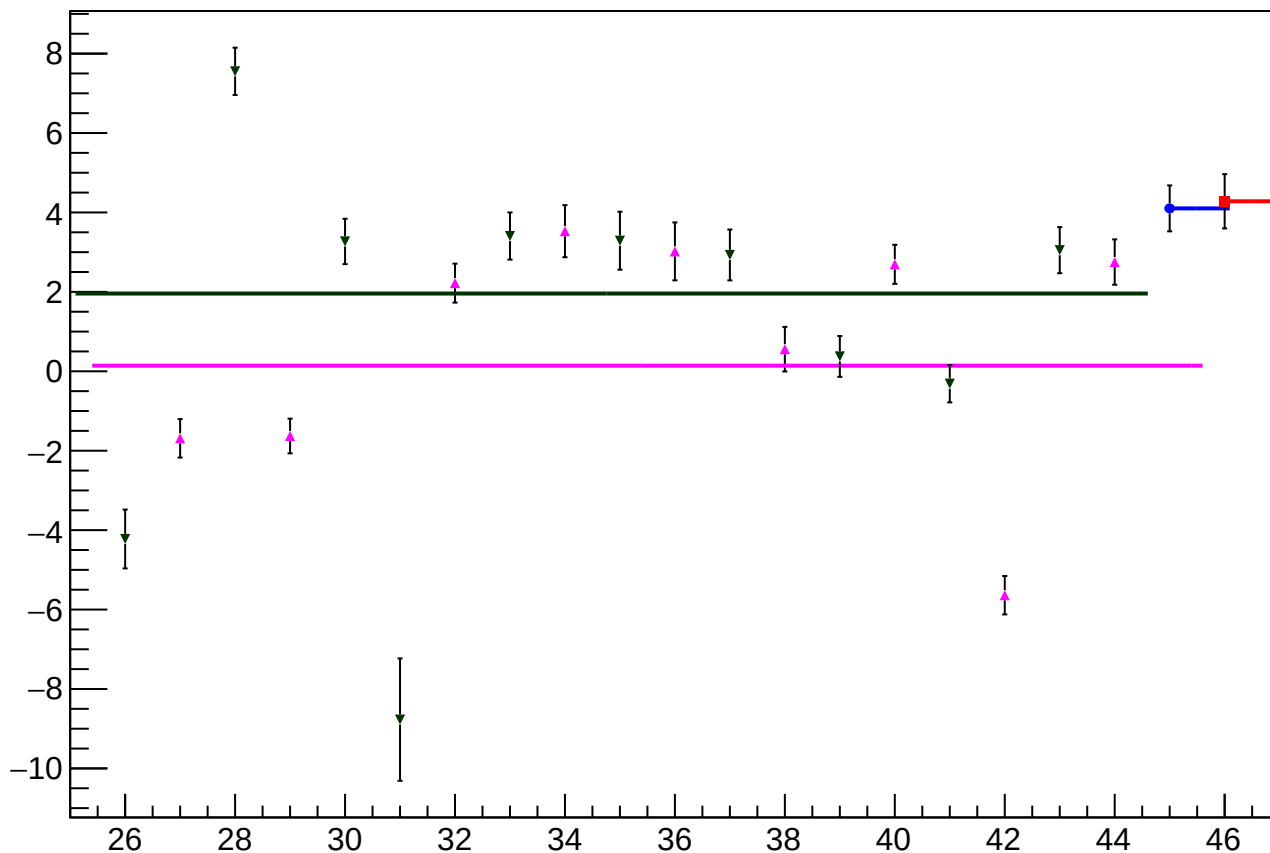
Right Out: -43.176 $\pm$ 0.930 χ^2 /NDF: 0.0/0

Left In: -30.535 $\pm$ 0.239 χ^2 /NDF:159.3/8

-31.815 $\pm$ 0.248 χ^2 /NDF: 408.3/10

-31.315 $\pm$ 0.231 χ^2 /NDF: 332.7/9

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 4.102 $\pm$ 0.578 χ^2 /NDF: 0.0/0

Left Out: 1.958 $\pm$ 0.194 χ^2 /NDF: 259.6/9

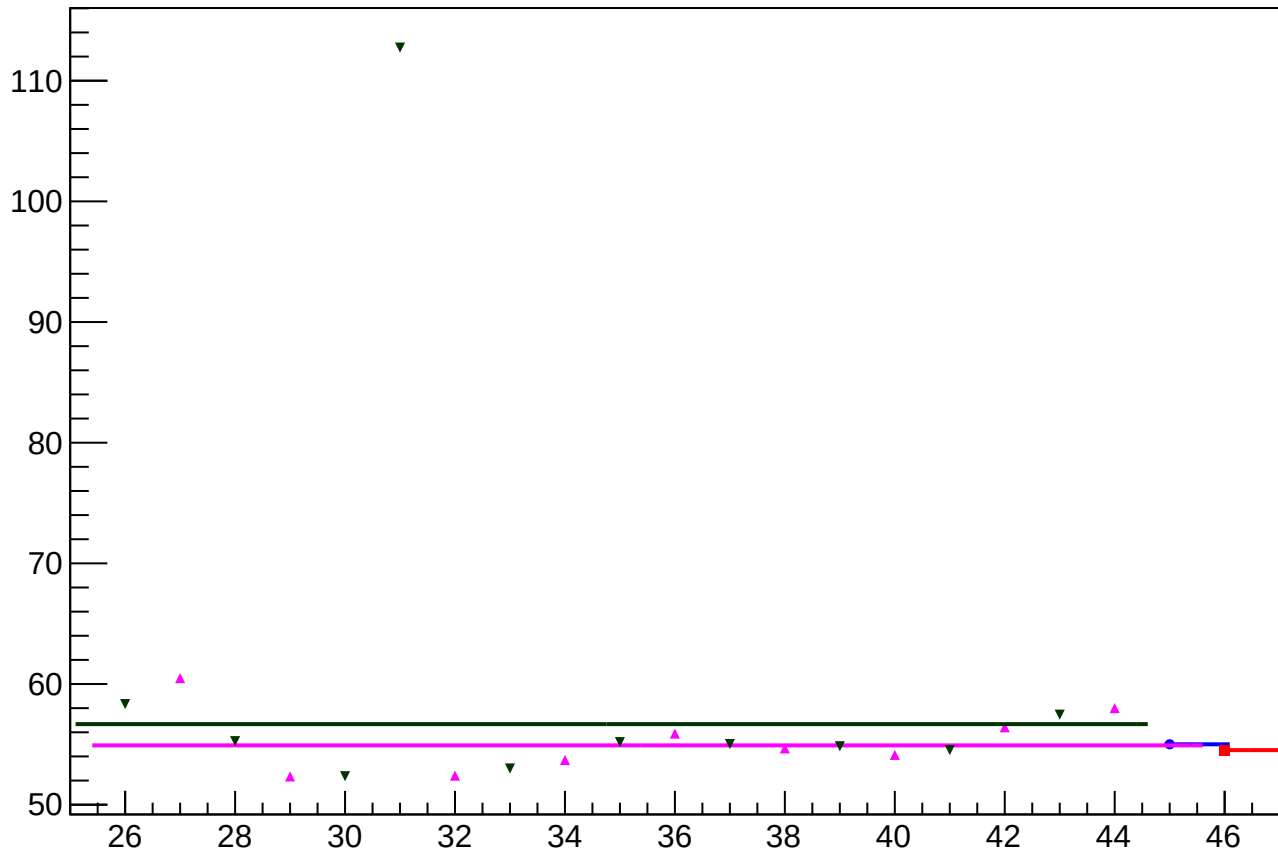
Right Out: 4.281 $\pm$ 0.683 χ^2 /NDF: 0.0/0

Left In: 0.142 $\pm$ 0.175 χ^2 /NDF: 282.1/8

2.175 $\pm$ 0.184 χ^2 /NDF: 271.9/10

0.398 $\pm$ 0.170 χ^2 /NDF: 316.5/9

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 55.004 $\pm$ 0.128 χ^2 /NDF: 0.0/0

Left Out: 56.677 $\pm$ 0.043 χ^2 /NDF: 56330.1/9

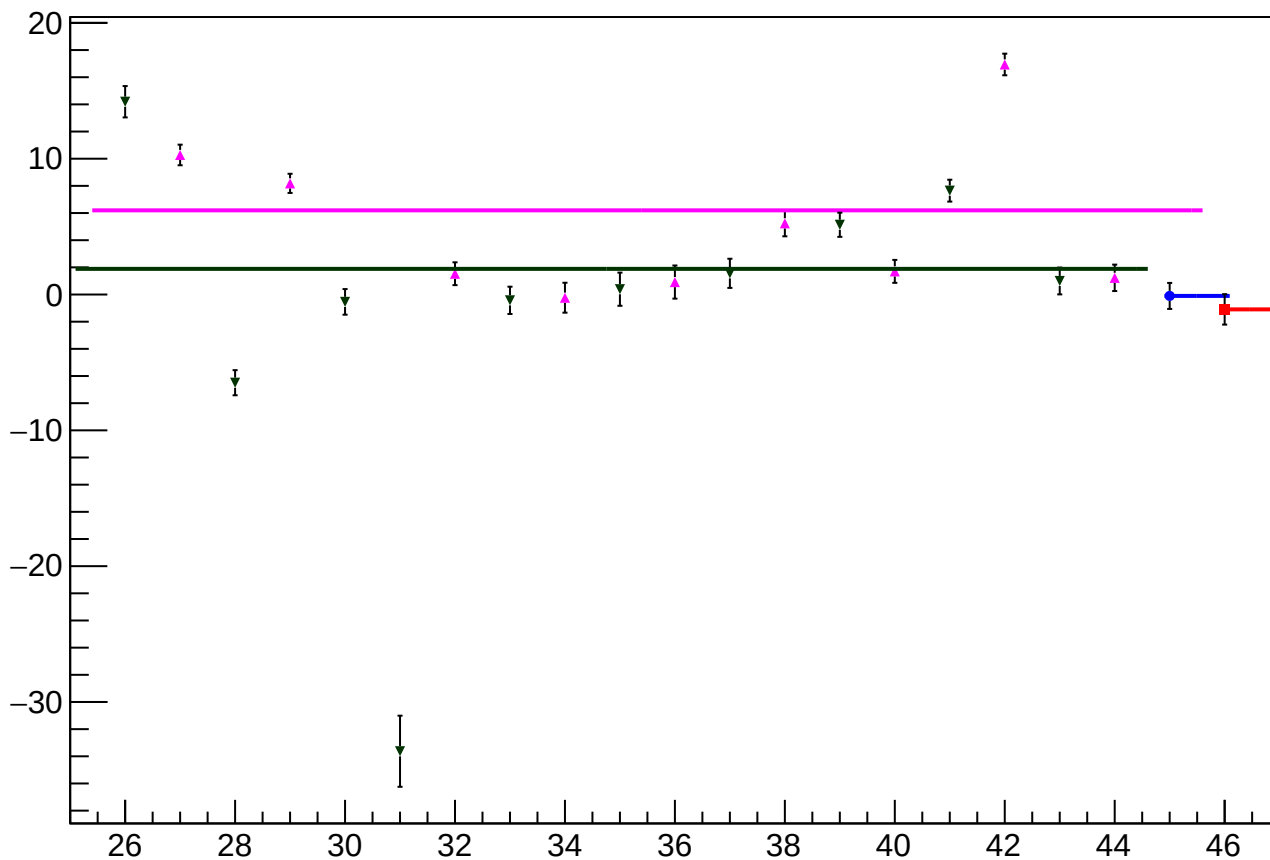
Right Out: 54.522 $\pm$ 0.140 χ^2 /NDF: 0.0/0

Left In: 54.917 $\pm$ 0.041 χ^2 /NDF: 3795.7/8

56.506 $\pm$ 0.041 χ^2 /NDF: 56483.7/10

54.886 $\pm$ 0.039 χ^2 /NDF: 3803.0/9

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: -0.102 ± 0.957 χ^2/NDF : 0.0/0

Left Out: 1.889 ± 0.324 χ^2/NDF : 458.6/9

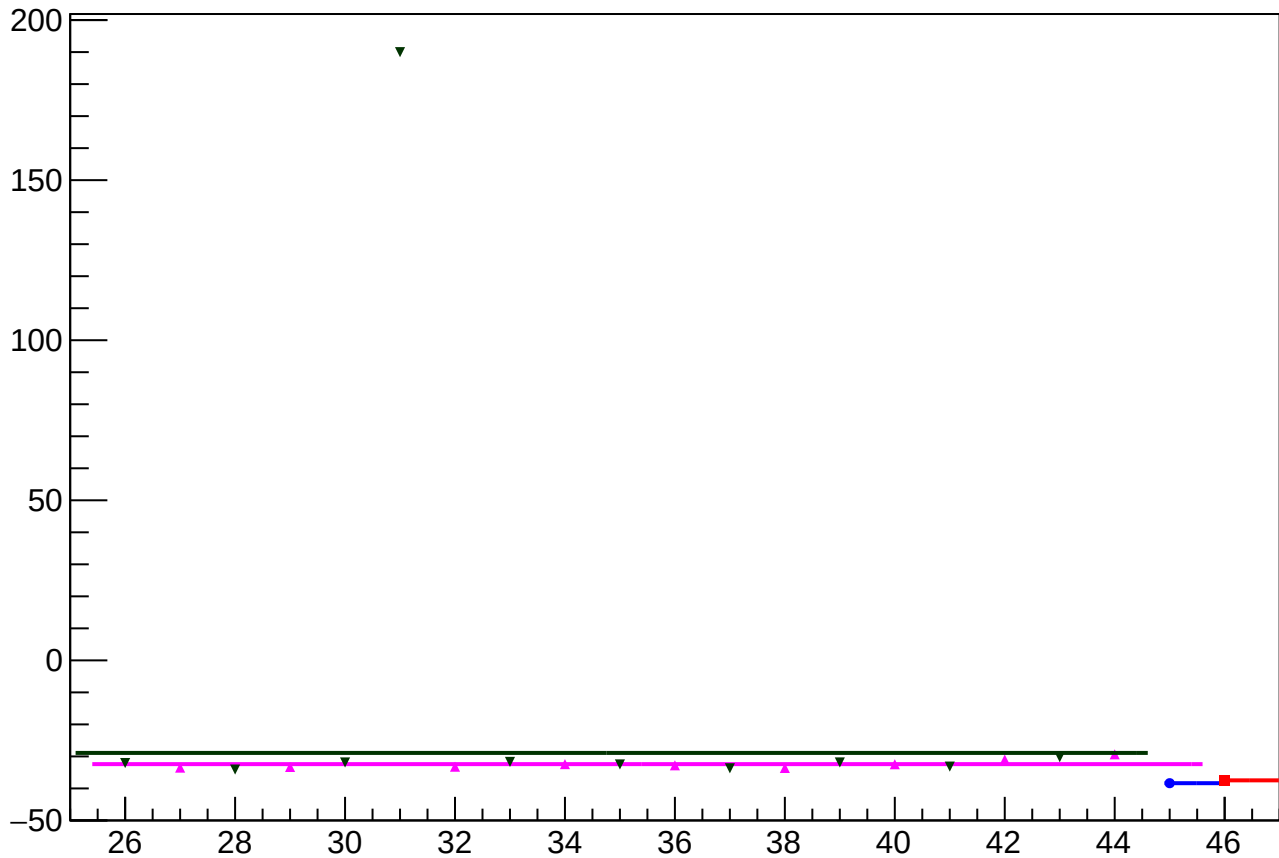
Right Out: -1.094 ± 1.120 χ^2/NDF : 0.0/0

Left In: 6.198 ± 0.291 χ^2/NDF : 358.2/8

1.685 ± 0.307 χ^2/NDF : 462.5/10

5.737 ± 0.282 χ^2/NDF : 397.9/9

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -38.360 ± 0.192 χ^2/NDF : 0.0/0

Left Out: -28.904 ± 0.059 χ^2/NDF : 220574.6/9

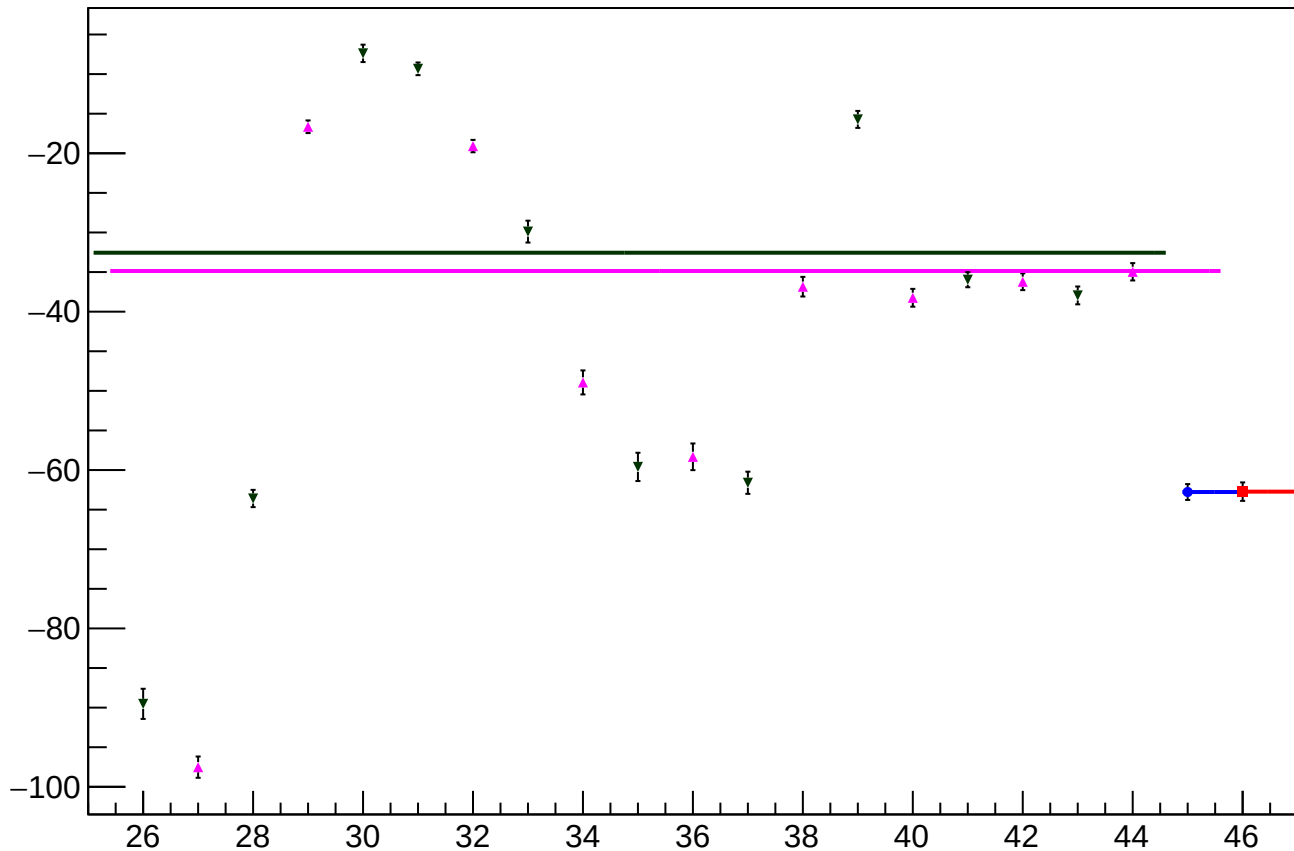
-29.712 ± 0.056 χ^2/NDF : 222801.1/10

Right Out: -37.476 ± 0.219 χ^2/NDF : 0.0/0

-32.758 ± 0.058 χ^2/NDF : 946.2/9

Left In: -32.407 ± 0.060 χ^2/NDF : 448.7/8

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -62.774 ± 1.002 χ^2/NDF : 0.0/0

Left Out: -32.557 ± 0.362 χ^2/NDF : 4020.8/9

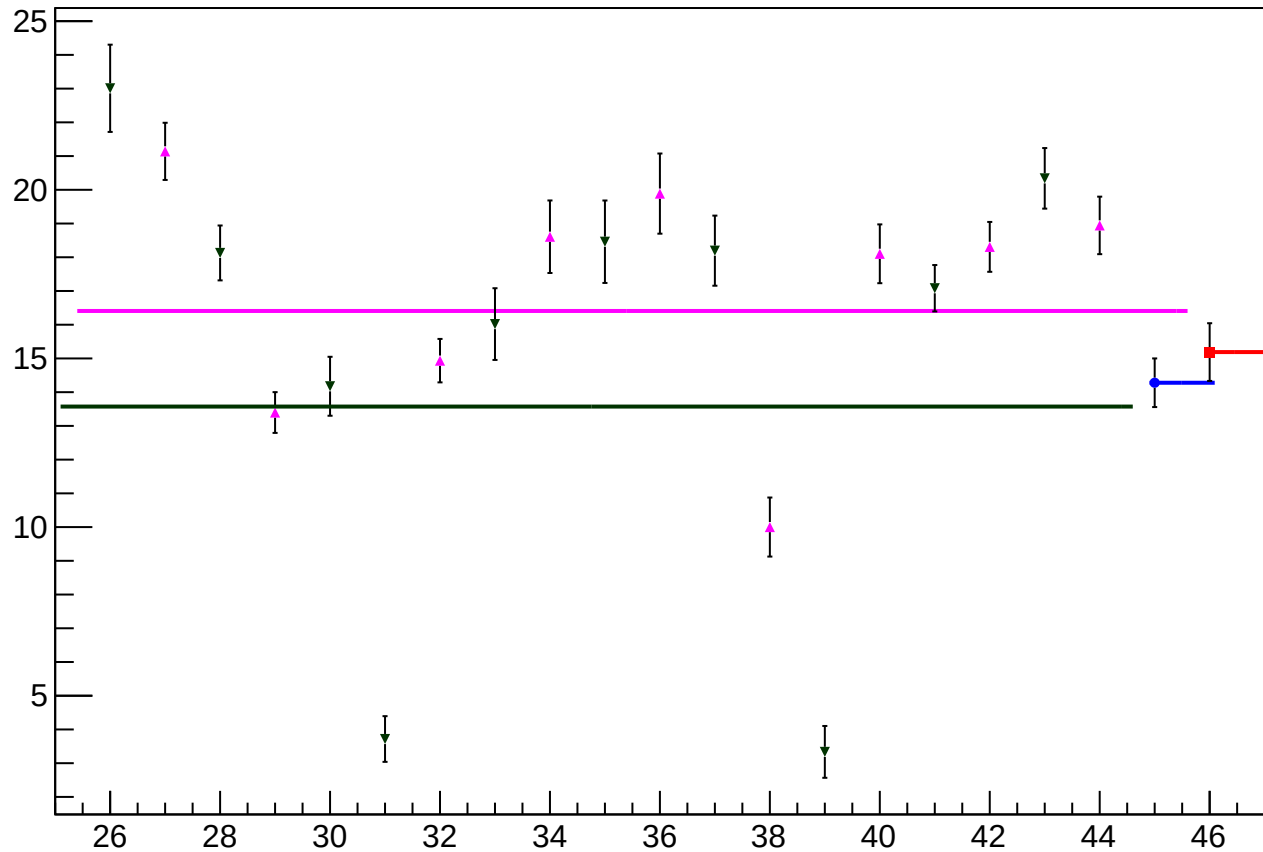
Right Out: -62.727 ± 1.166 χ^2/NDF : 0.0/0

Left In: -34.865 ± 0.360 χ^2/NDF : 3392.2/8

-36.051 ± 0.341 χ^2/NDF : 4824.9/10

-37.296 ± 0.344 χ^2/NDF : 3913.8/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 14.279+/-0.721 χ^2/NDF : 0.0/0

Left Out: 13.573+/-0.276 χ^2/NDF : 598.2/9

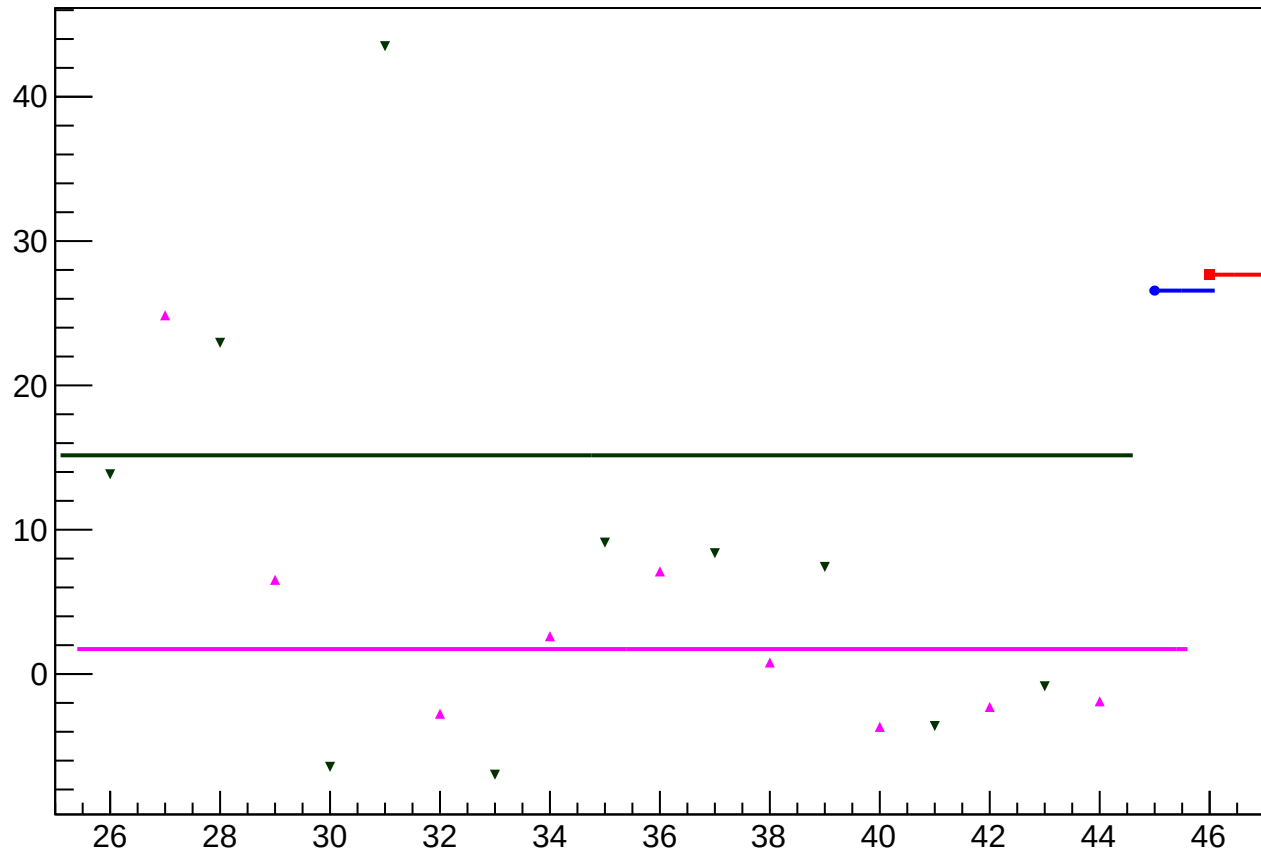
Right Out: 15.189+/-0.855 χ^2/NDF : 0.0/0

Left In: 16.407+/-0.268 χ^2/NDF : 146.8/8

13.664+/-0.258 χ^2/NDF : 599.1/10

16.299+/-0.256 χ^2/NDF : 148.6/9

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 26.568 $\pm$ 0.160 χ^2 /NDF: 0.0/0

Left Out: 15.156 $\pm$ 0.057 χ^2 /NDF: 119762.0/9

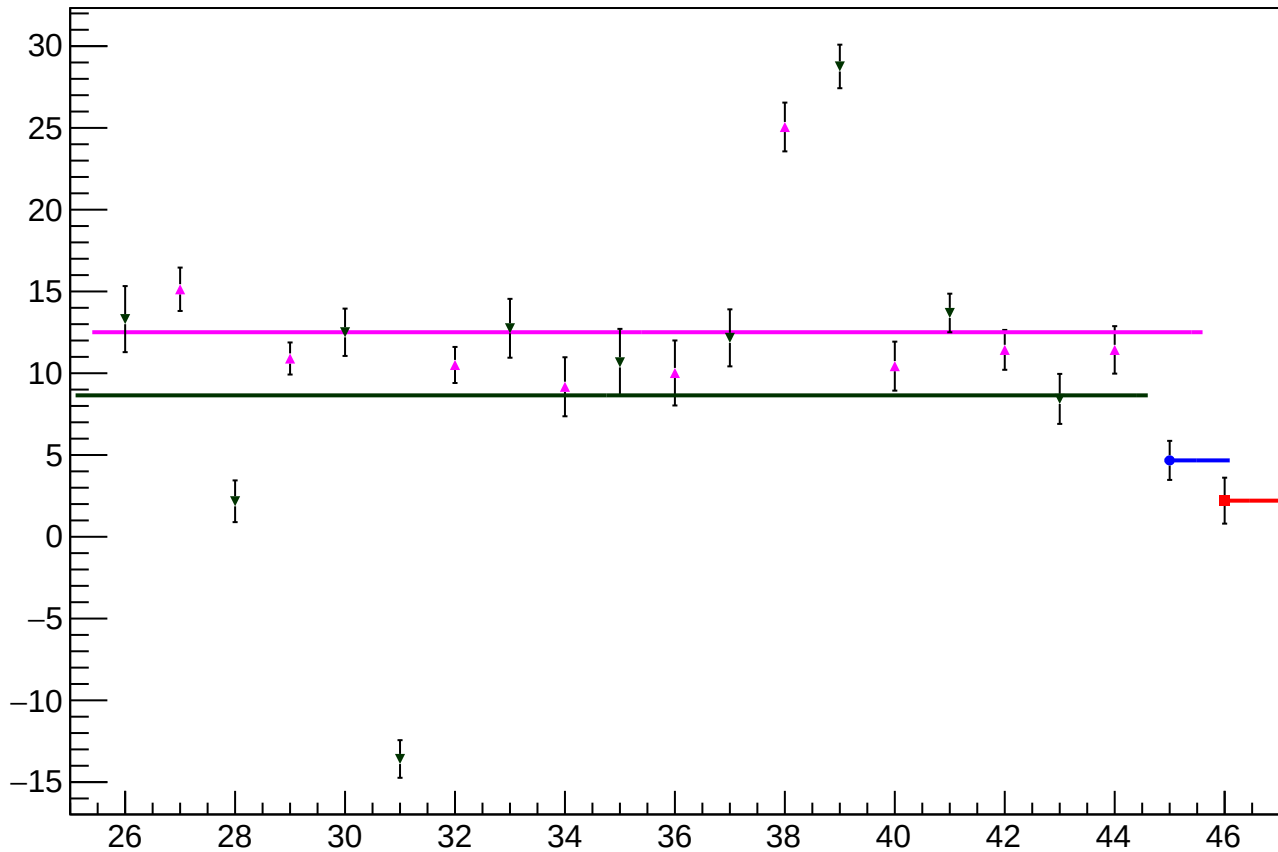
Right Out: 27.672 $\pm$ 0.175 χ^2 /NDF: 0.0/0

Left In: 1.730 $\pm$ 0.061 χ^2 /NDF: 13843.5/8

16.454 $\pm$ 0.054 χ^2 /NDF: 124287.5/10

4.553 $\pm$ 0.058 χ^2 /NDF: 33325.1/9

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 4.671 $\pm$ 1.194 χ^2 /NDF: 0.0/0

Left Out: 8.647 $\pm$ 0.462 χ^2 /NDF: 668.1/9

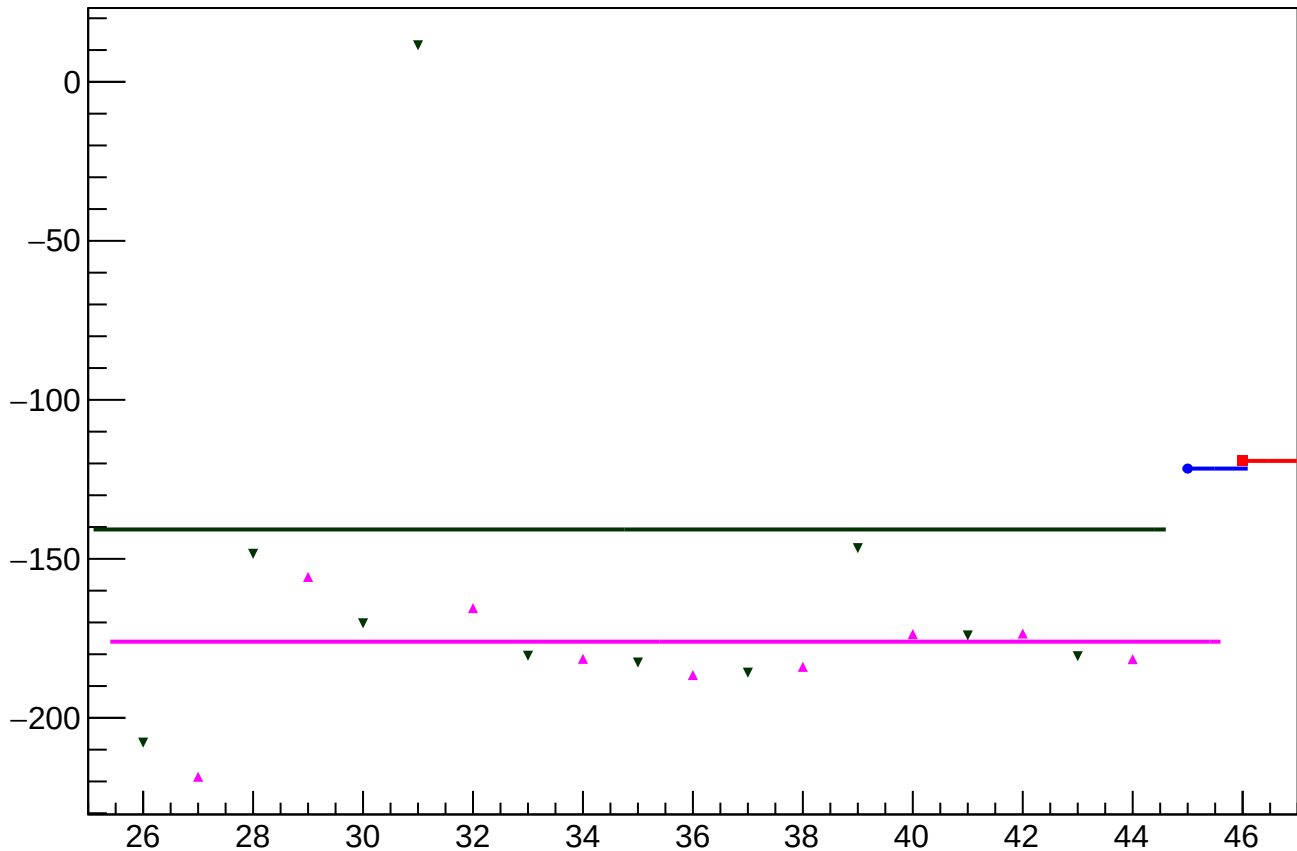
Right Out: 2.209 $\pm$ 1.405 χ^2 /NDF: 0.0/0

Left In: 12.508 $\pm$ 0.446 χ^2 /NDF: 89.0/8

8.129 $\pm$ 0.431 χ^2 /NDF: 677.8/10

11.566 $\pm$ 0.425 χ^2 /NDF: 137.8/9

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -121.612+/-0.239 χ^2/NDF : 0.0/0

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

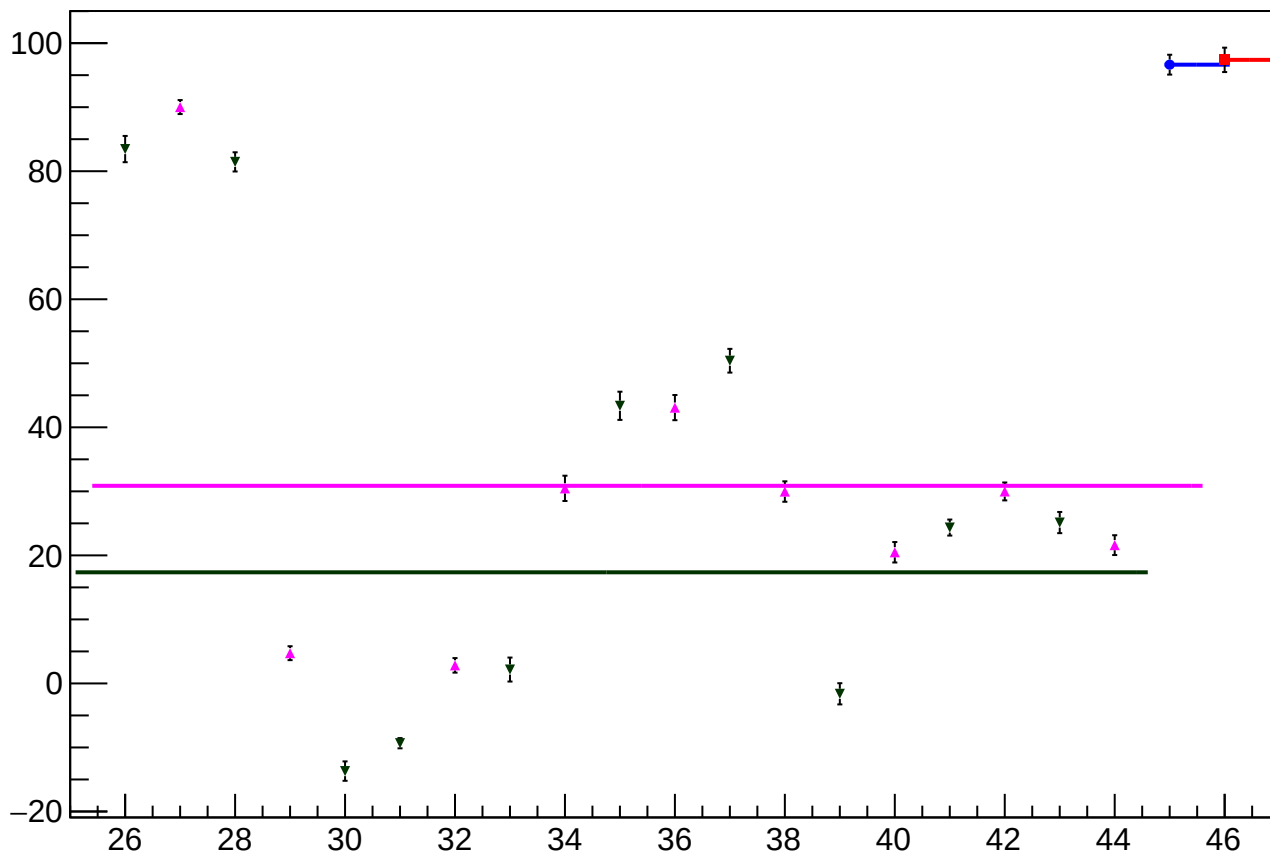
Right Out: -119.200+/-0.275 χ^2/NDF : 0.0/0

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-138.590+/-0.081 χ^2/NDF : 696186.1/10

-170.272+/-0.088 χ^2/NDF : 67454.7/9

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 96.639 $\pm$ 1.550 χ^2 /NDF: 0.0/0

Left Out: 17.356 $\pm$ 0.455 χ^2 /NDF:5107.4/9

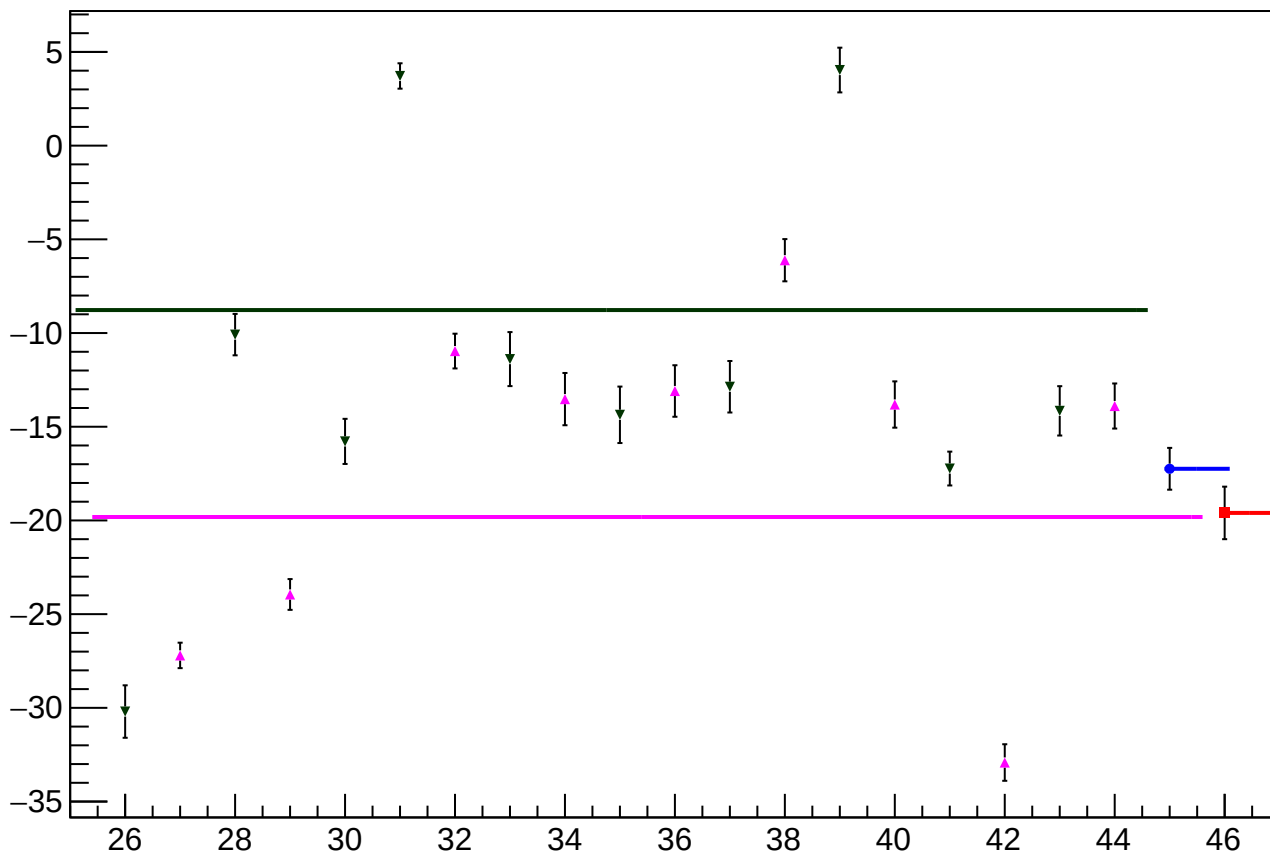
23.640 $\pm$ 0.436 χ^2 /NDF: 7515.3/10

Right Out: 97.390 $\pm$ 1.905 χ^2 /NDF: 0.0/0

34.558 $\pm$ 0.449 χ^2 /NDF: 5388.0/9

Left In: 30.865 $\pm$ 0.462 χ^2 /NDF:4236.0/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -17.244+/-1.116 χ^2/NDF : 0.0/0

Left Out: -8.774+/-0.350 χ^2/NDF : 855.1/9

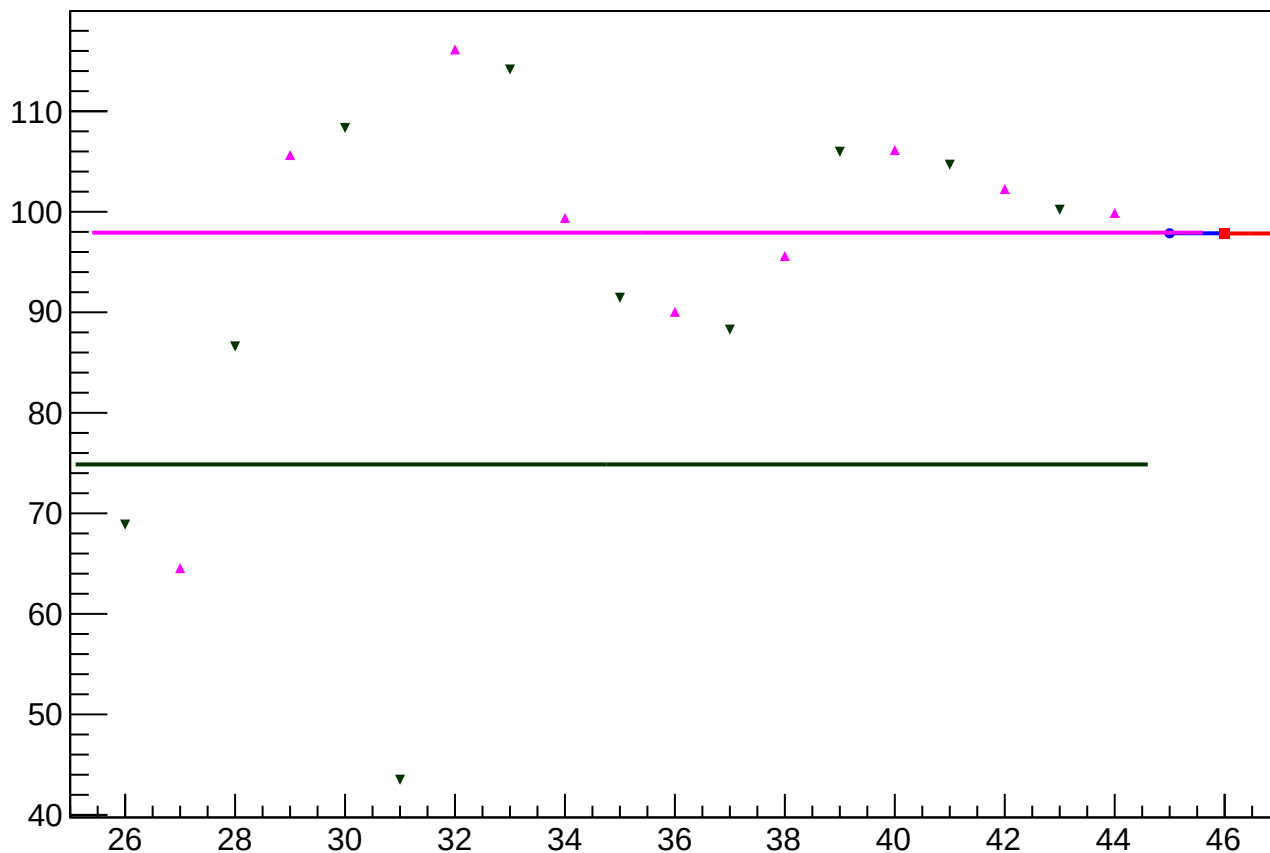
Right Out: -19.599+/-1.401 χ^2/NDF : 0.0/0

Left In: -19.816+/-0.333 χ^2/NDF : 655.3/8

-9.533+/-0.334 χ^2/NDF : 907.6/10

-19.805+/-0.324 χ^2/NDF : 655.3/9

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 97.860+/-0.246 χ^2/NDF : 0.0/0

Left Out: 74.867+/-0.070 χ^2/NDF :168612.2/9

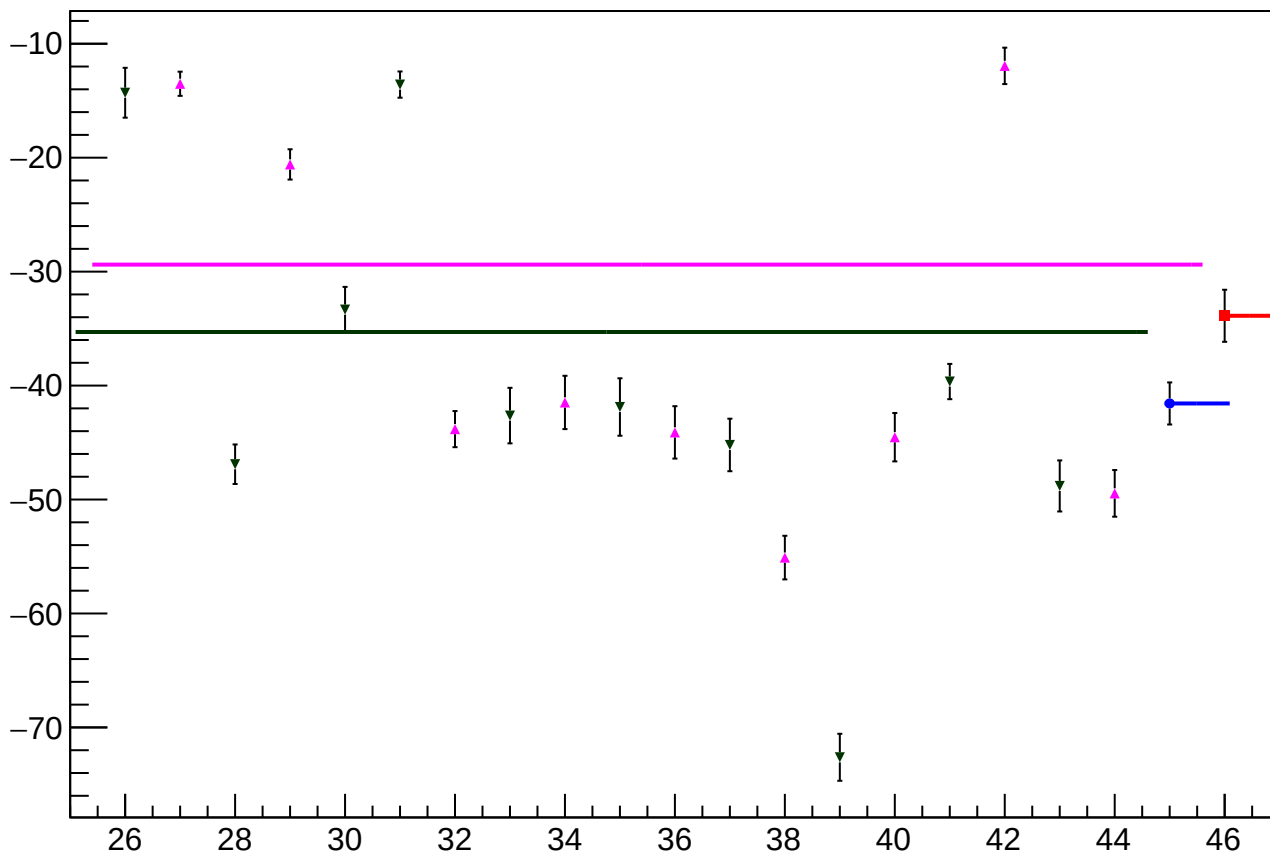
Right Out: 97.843+/-0.288 χ^2/NDF : 0.0/0

Left In: 97.925+/-0.079 χ^2/NDF :43942.4/8

76.577+/-0.067 χ^2/NDF : 176670.1/10

97.919+/-0.076 χ^2/NDF : 43942.4/9

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -41.569 ± 1.846 χ^2/NDF : 0.0/0

Left Out: -35.297 ± 0.586 χ^2/NDF : 899.8/9

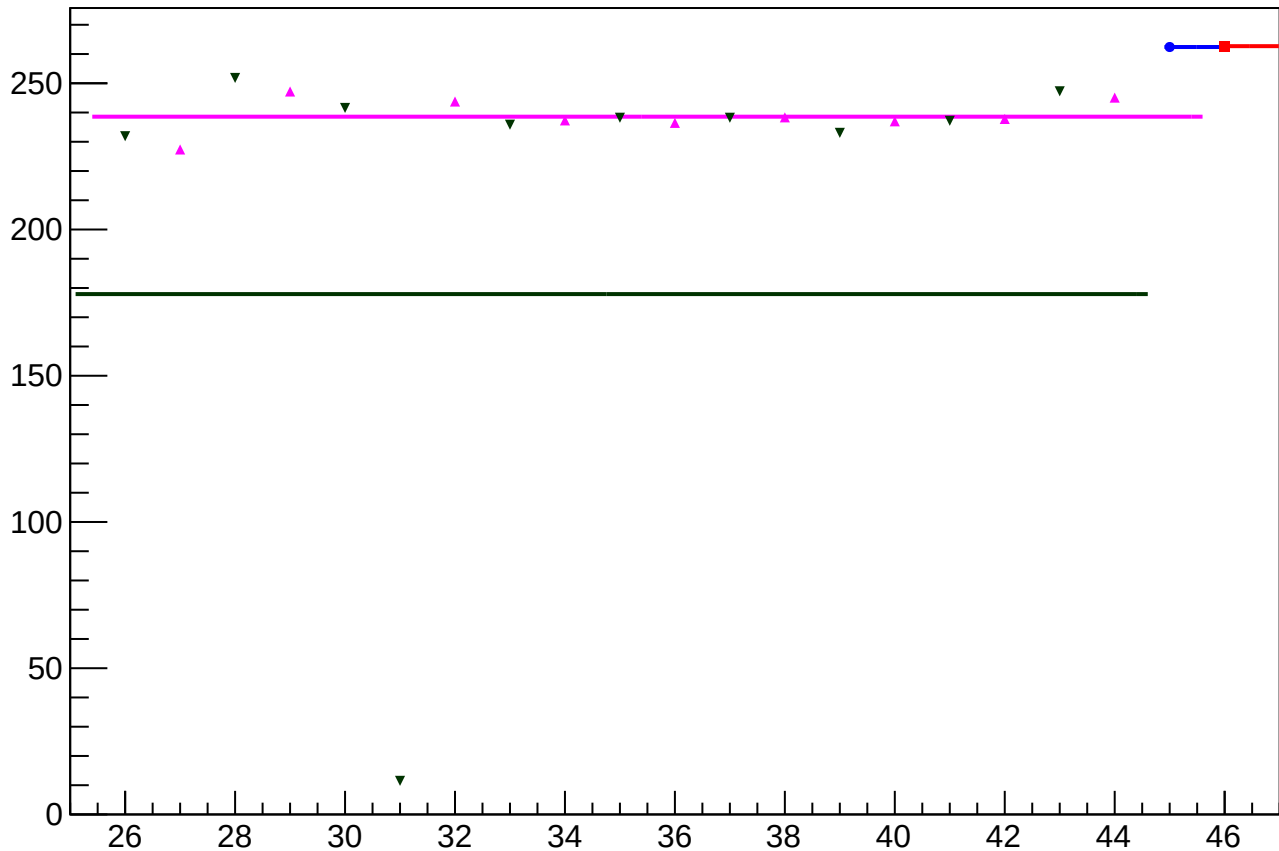
Right Out: -33.874 ± 2.284 χ^2/NDF : 0.0/0

Left In: -29.383 ± 0.546 χ^2/NDF : 865.1/8

-35.870 ± 0.558 χ^2/NDF : 910.3/10

-29.626 ± 0.531 χ^2/NDF : 868.8/9

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 262.397 ± 0.369 χ^2/NDF : 0.0/0

Left Out: 177.919 ± 0.108 χ^2/NDF : 891925.7/9

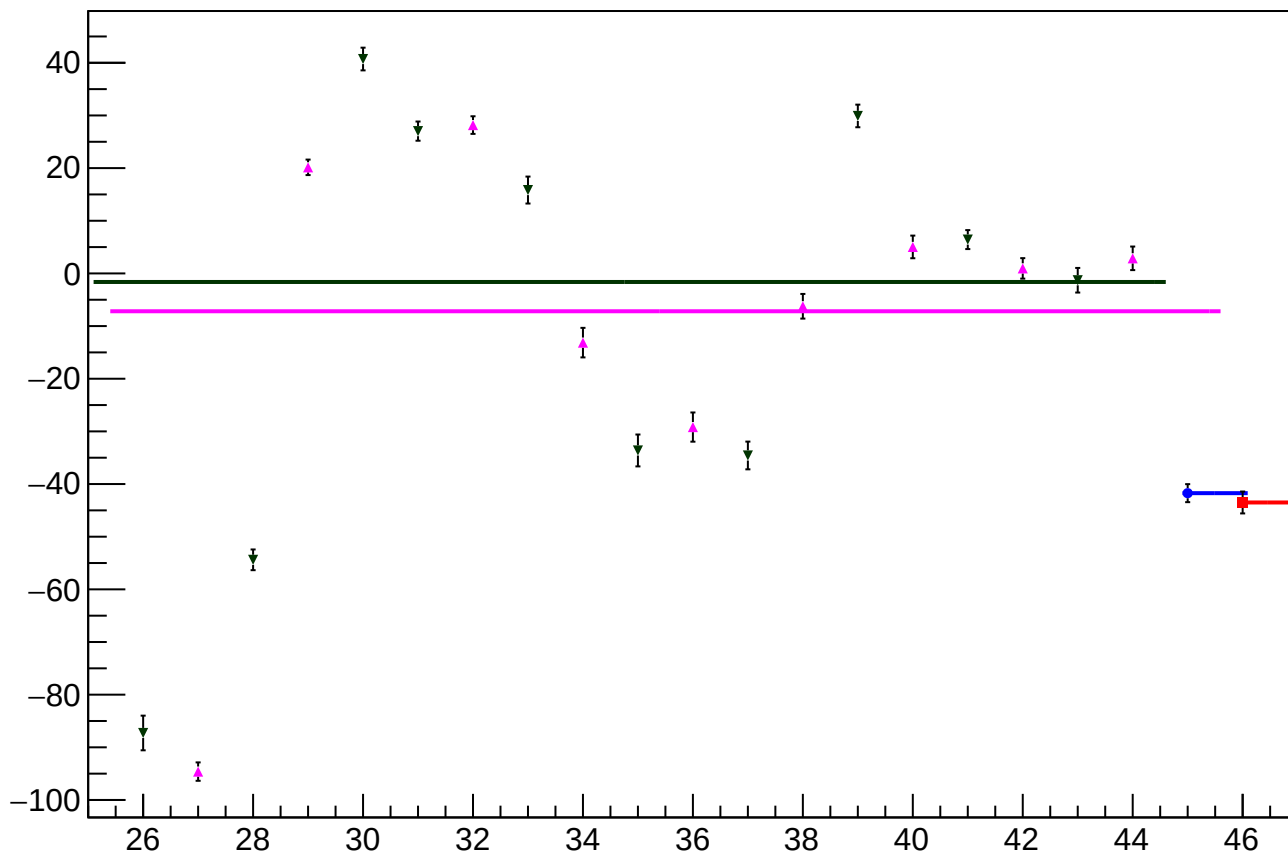
Right Out: 262.689 ± 0.449 χ^2/NDF : 0.0/0

Left In: 238.578 ± 0.118 χ^2/NDF : 3012.9/8

184.531 ± 0.103 χ^2/NDF : 940197.7/10

240.123 ± 0.114 χ^2/NDF : 5709.3/9

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -41.731 ± 1.710 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1.625 ± 0.710 $\chi^2/\text{NDF}: 2580.3/9$

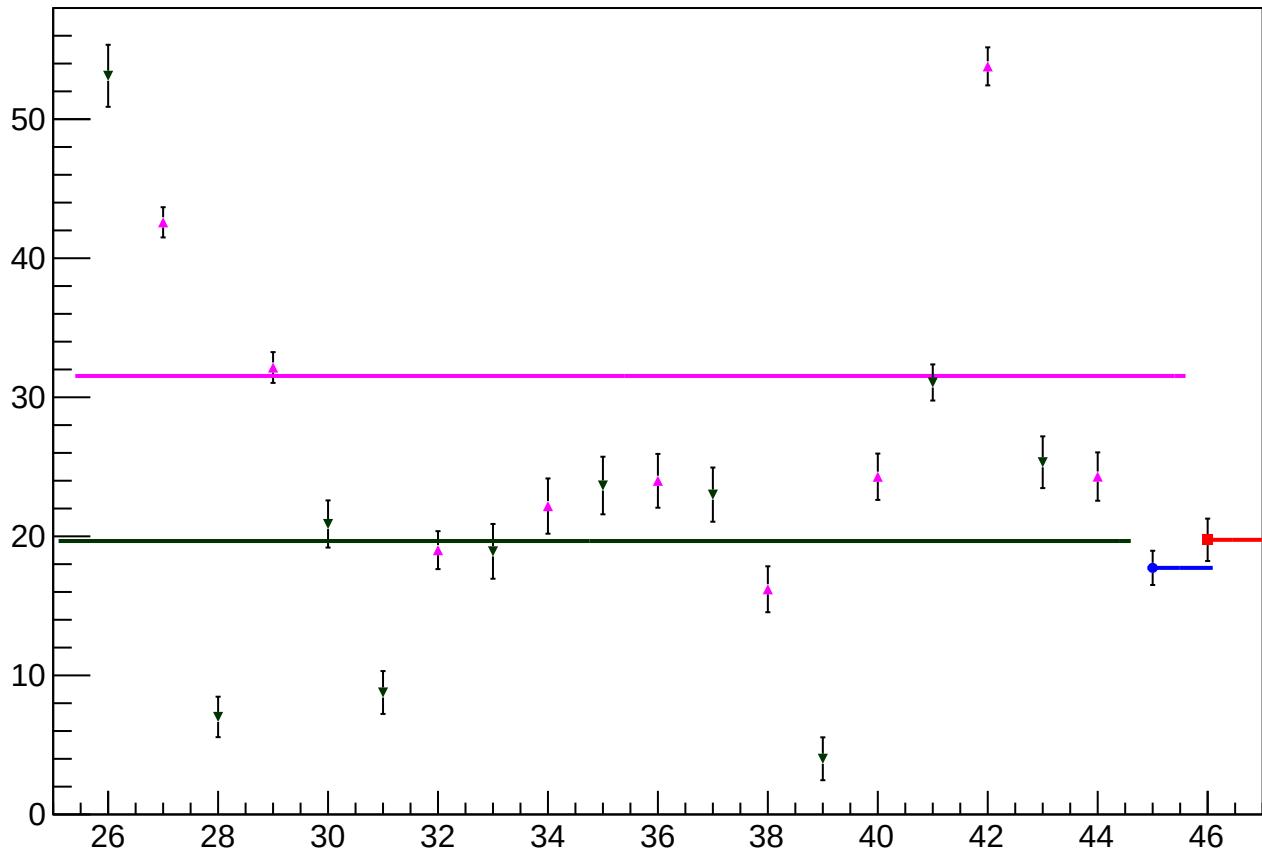
Right Out: -43.501 ± 2.079 $\chi^2/\text{NDF}: 0.0/0$

Left In: -7.188 ± 0.664 $\chi^2/\text{NDF}: 3435.6/8$

-7.530 ± 0.656 $\chi^2/\text{NDF}: 3049.5/10$

-10.550 ± 0.632 $\chi^2/\text{NDF}: 3712.5/9$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.732+/-1.230 χ^2 /NDF: 0.0/0

Left Out: 19.664+/-0.535 χ^2 /NDF:547.2/9

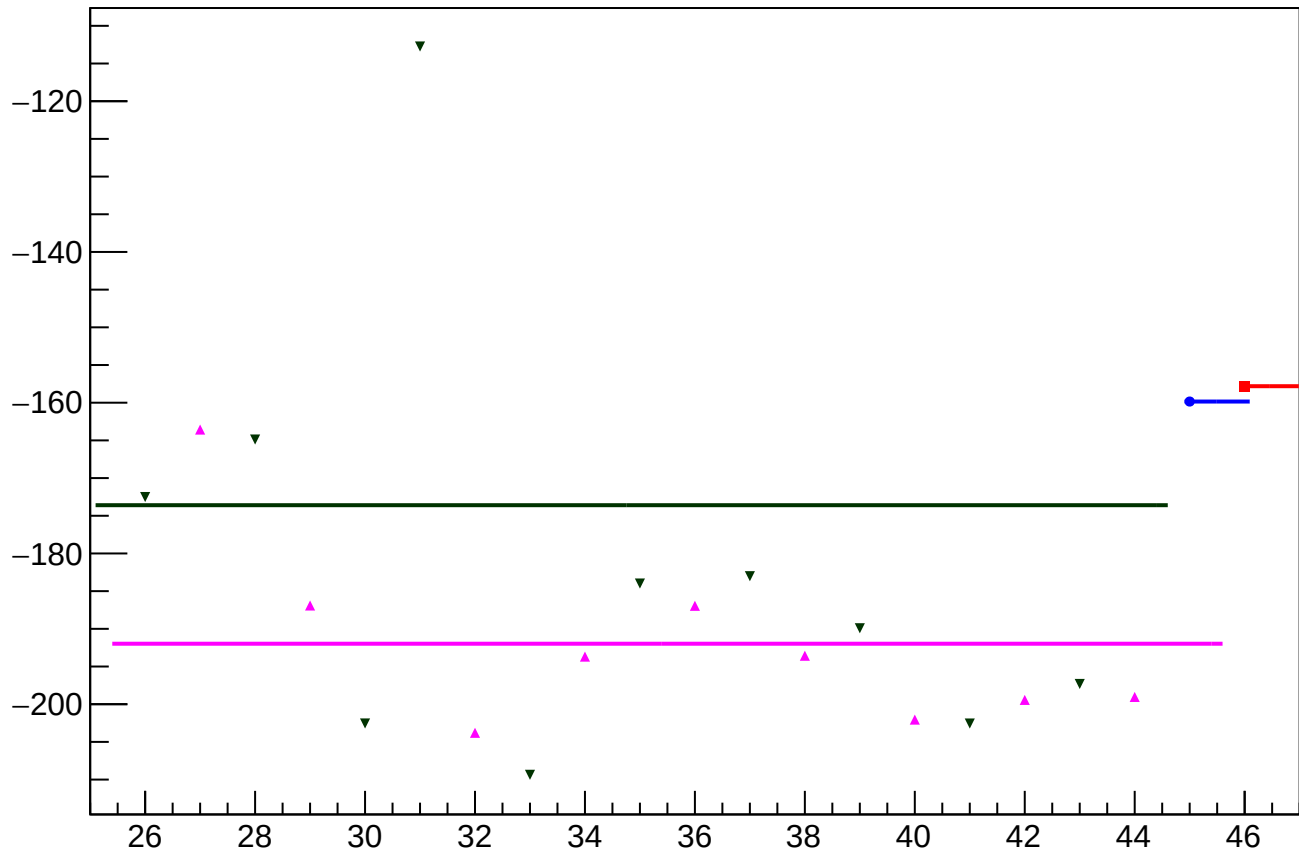
Right Out: 19.750+/-1.525 χ^2 /NDF: 0.0/0

Left In: 31.534+/-0.481 χ^2 /NDF:612.9/8

19.357+/-0.490 χ^2 /NDF: 549.3/10

30.465+/-0.459 χ^2 /NDF: 667.2/9

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -159.846+/-0.273 χ^2/NDF : 0.0/0

Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

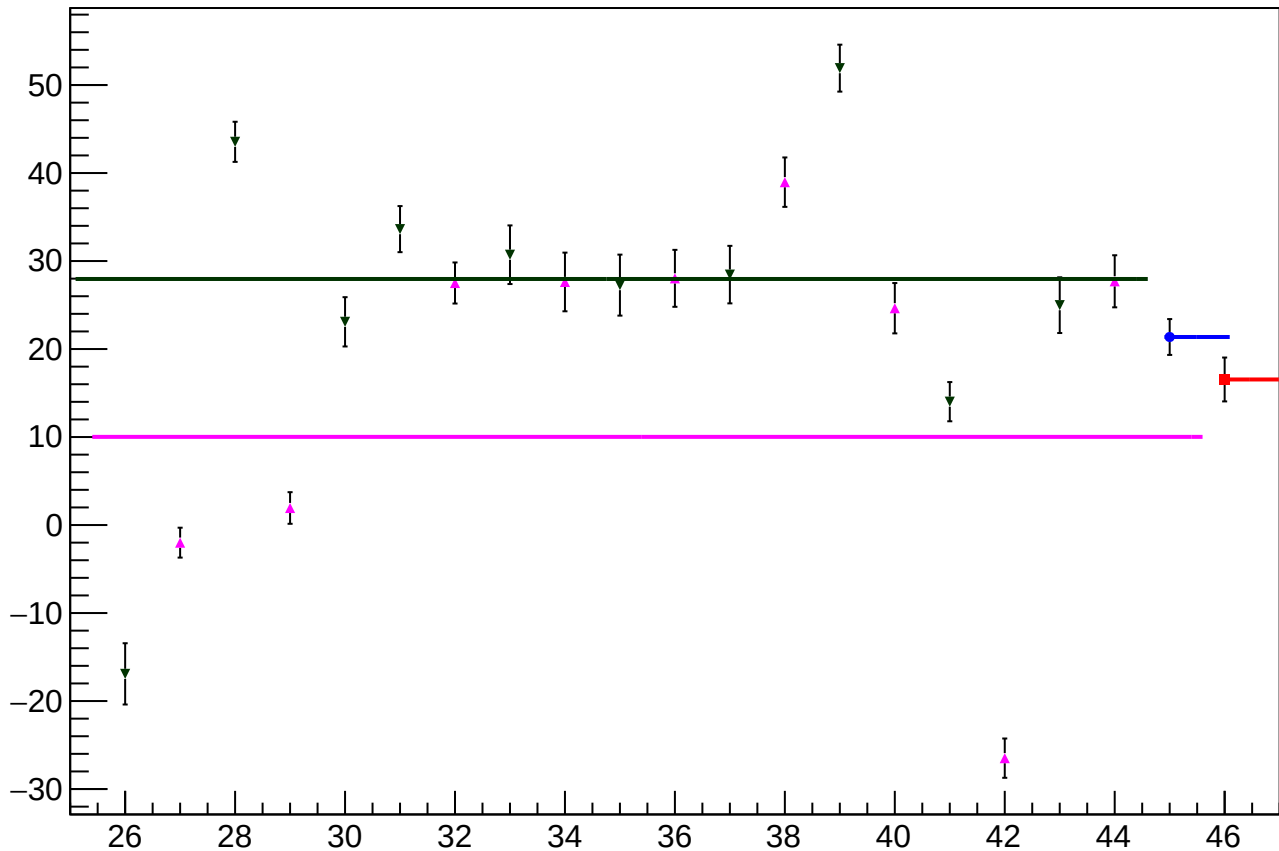
-171.543+/-0.105 χ^2/NDF : 94681.4/10

Right Out: -157.811+/-0.314 χ^2/NDF : 0.0/0

-187.967+/-0.108 χ^2/NDF : 22834.2/9

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 21.369 $\pm$ 2.037 χ^2 /NDF: 0.0/0

Left Out: 27.961 $\pm$ 0.892 χ^2 /NDF:342.1/9

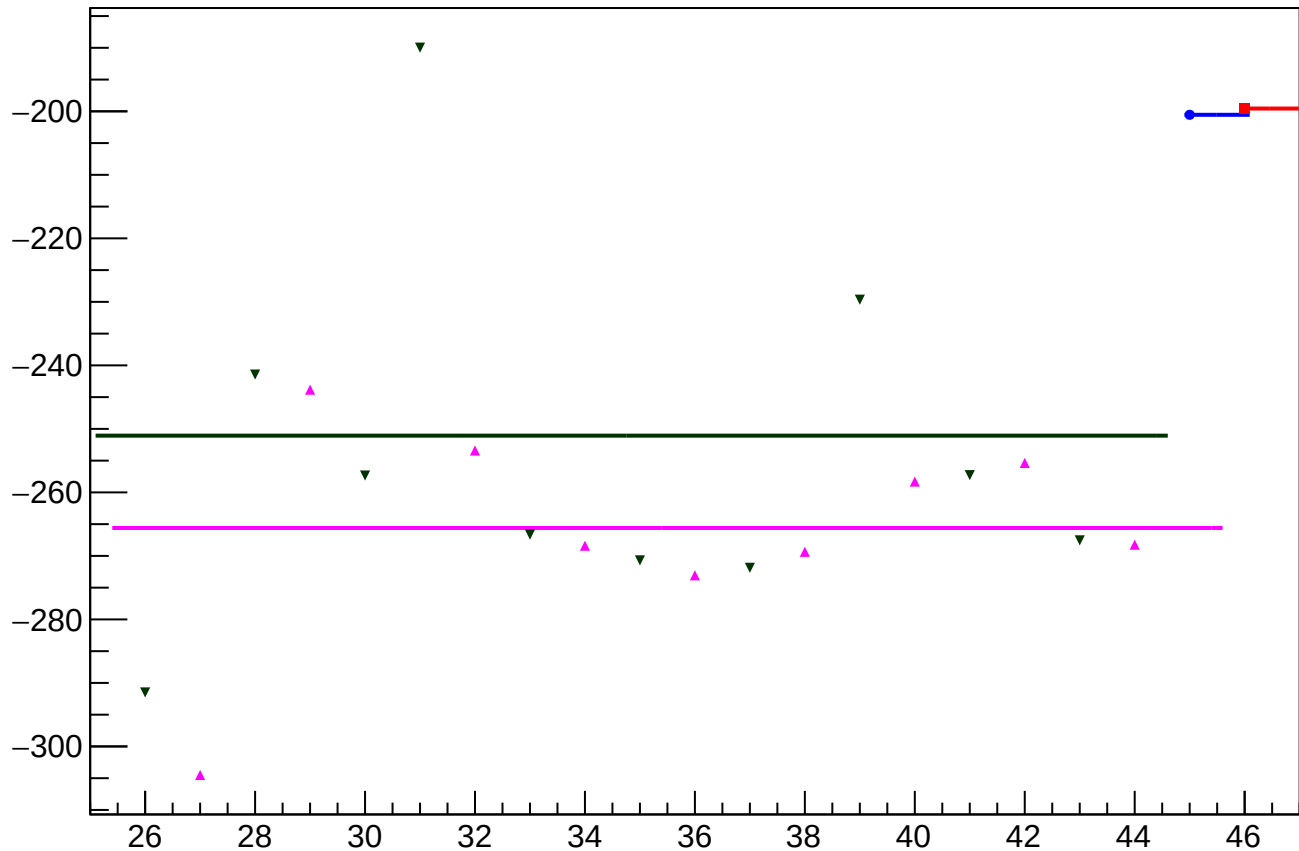
Right Out: 16.541 $\pm$ 2.492 χ^2 /NDF: 0.0/0

Left In: 10.019 $\pm$ 0.793 χ^2 /NDF:620.9/8

26.900 $\pm$ 0.817 χ^2 /NDF: 350.9/10

10.619 $\pm$ 0.756 χ^2 /NDF: 627.1/9

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -200.547+/-0.408 χ^2/NDF : 0.0/0

Left Out: -251.066+/-0.164 χ^2/NDF : 28709.1/9

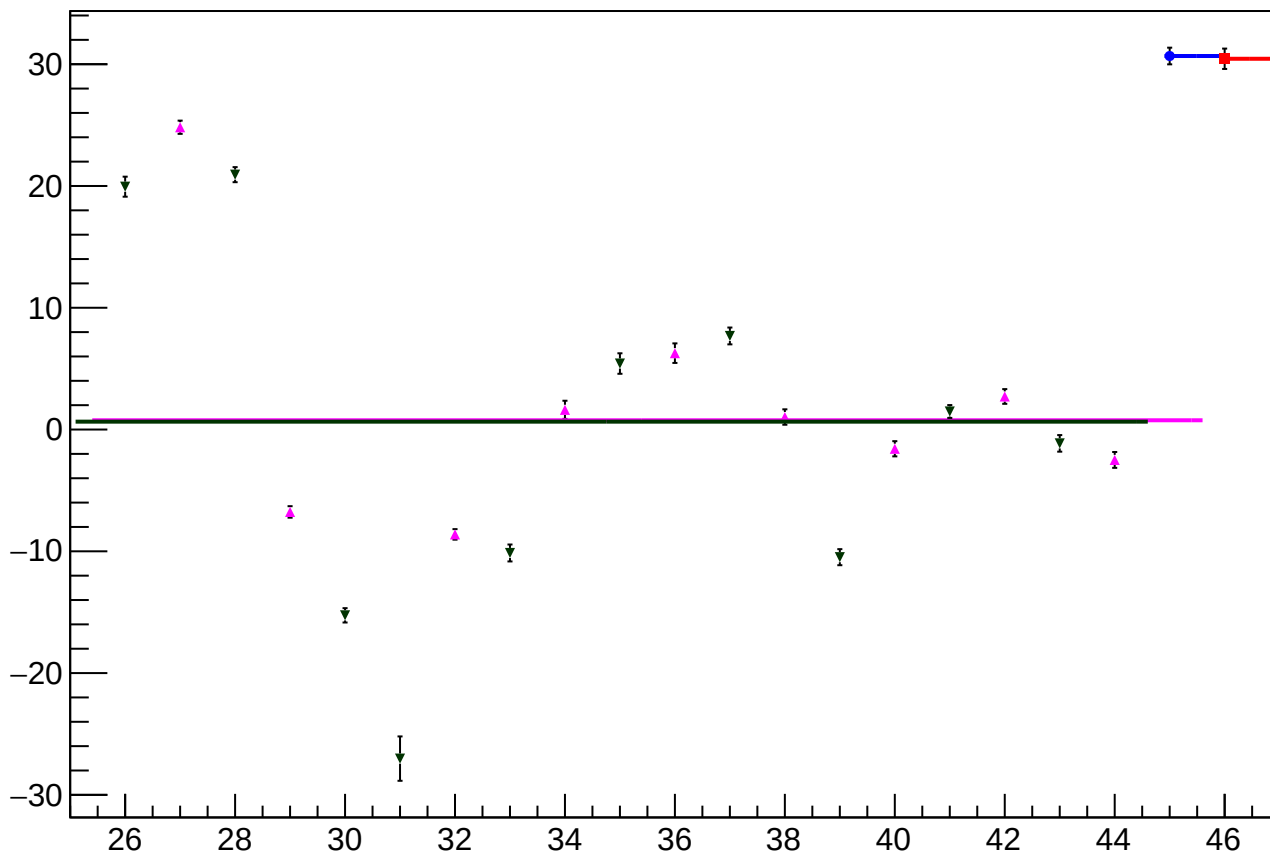
-244.027+/-0.152 χ^2/NDF : 41876.1/10

Right Out: -199.560+/-0.490 χ^2/NDF : 0.0/0

-258.643+/-0.159 χ^2/NDF : 28433.1/9

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 30.674 $\pm$ 0.685 χ^2 /NDF: 0.0/0

Left Out: 0.647 $\pm$ 0.219 χ^2 /NDF:3257.1/9

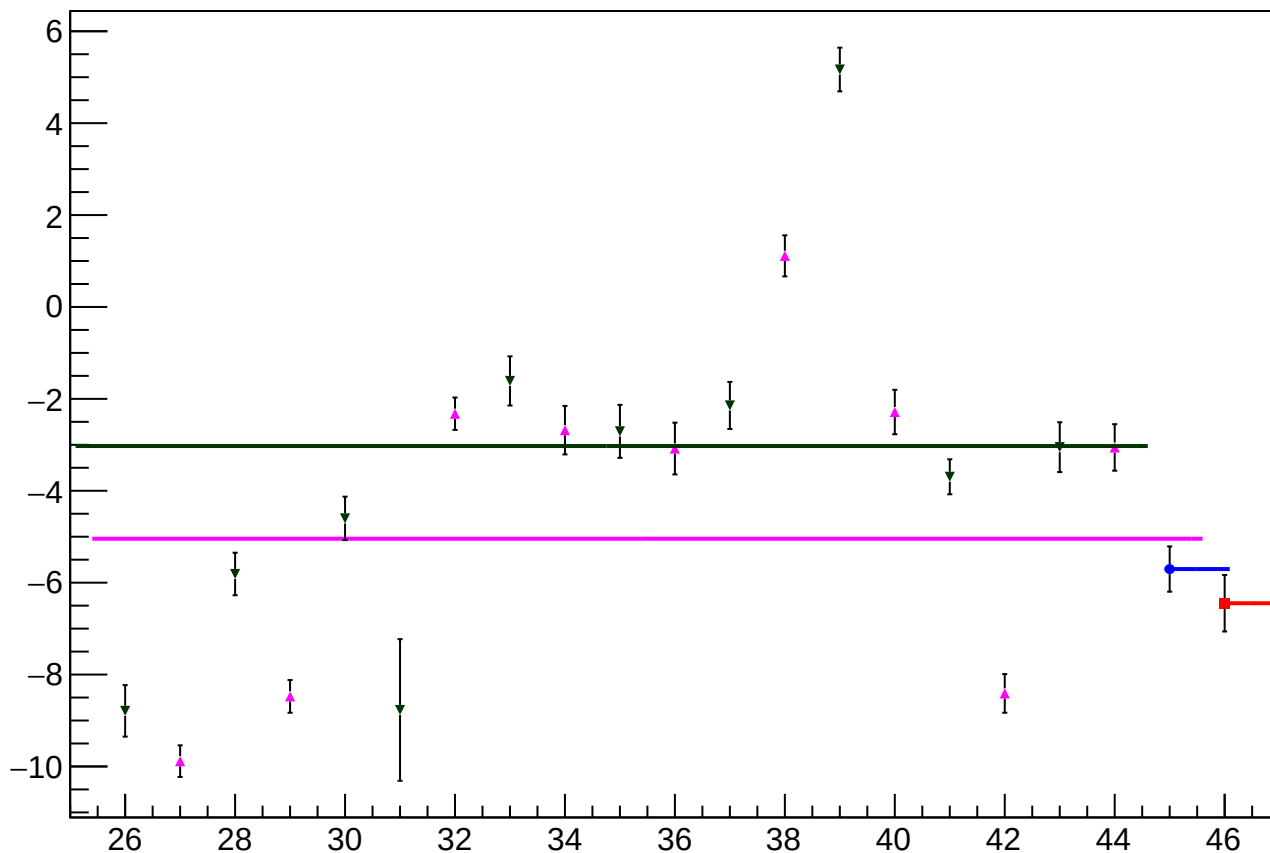
3.429 $\pm$ 0.208 χ^2 /NDF: 5002.6/10

Right Out: 30.447 $\pm$ 0.836 χ^2 /NDF: 0.0/0

2.267 $\pm$ 0.188 χ^2 /NDF: 3986.8/9

Left In: 0.760 $\pm$ 0.193 χ^2 /NDF:2789.0/8

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -5.704+/-0.493 χ^2/NDF : 0.0/0

Left Out: -3.027+/-0.163 χ^2/NDF :477.3/9

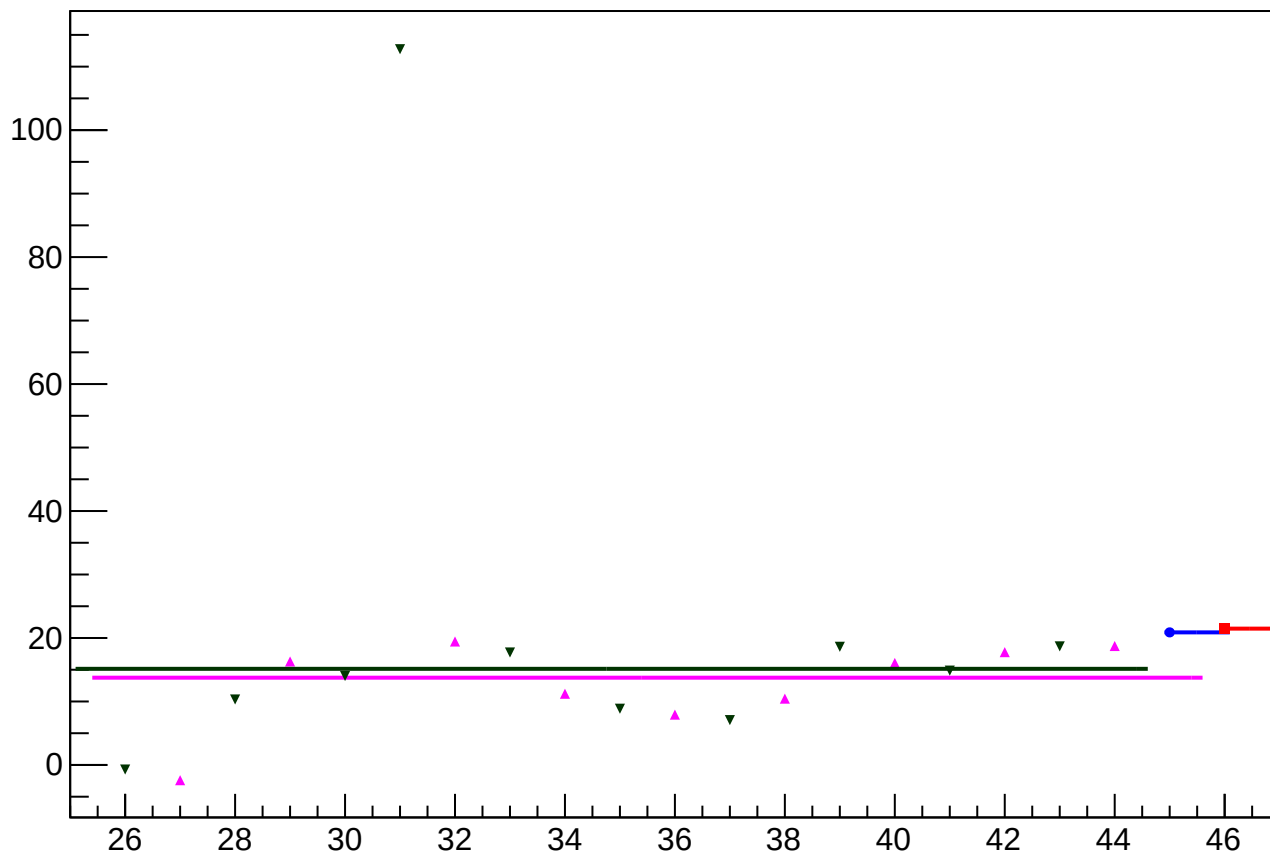
Right Out: -6.448+/-0.615 χ^2/NDF : 0.0/0

Left In: -5.044+/-0.141 χ^2/NDF :684.5/8

-3.290+/-0.154 χ^2/NDF : 503.9/10

-5.114+/-0.138 χ^2/NDF : 689.5/9

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: 20.885+/-0.109 χ^2/NDF : 0.0/0

Left Out: 15.143+/-0.036 χ^2/NDF :187125.6/9

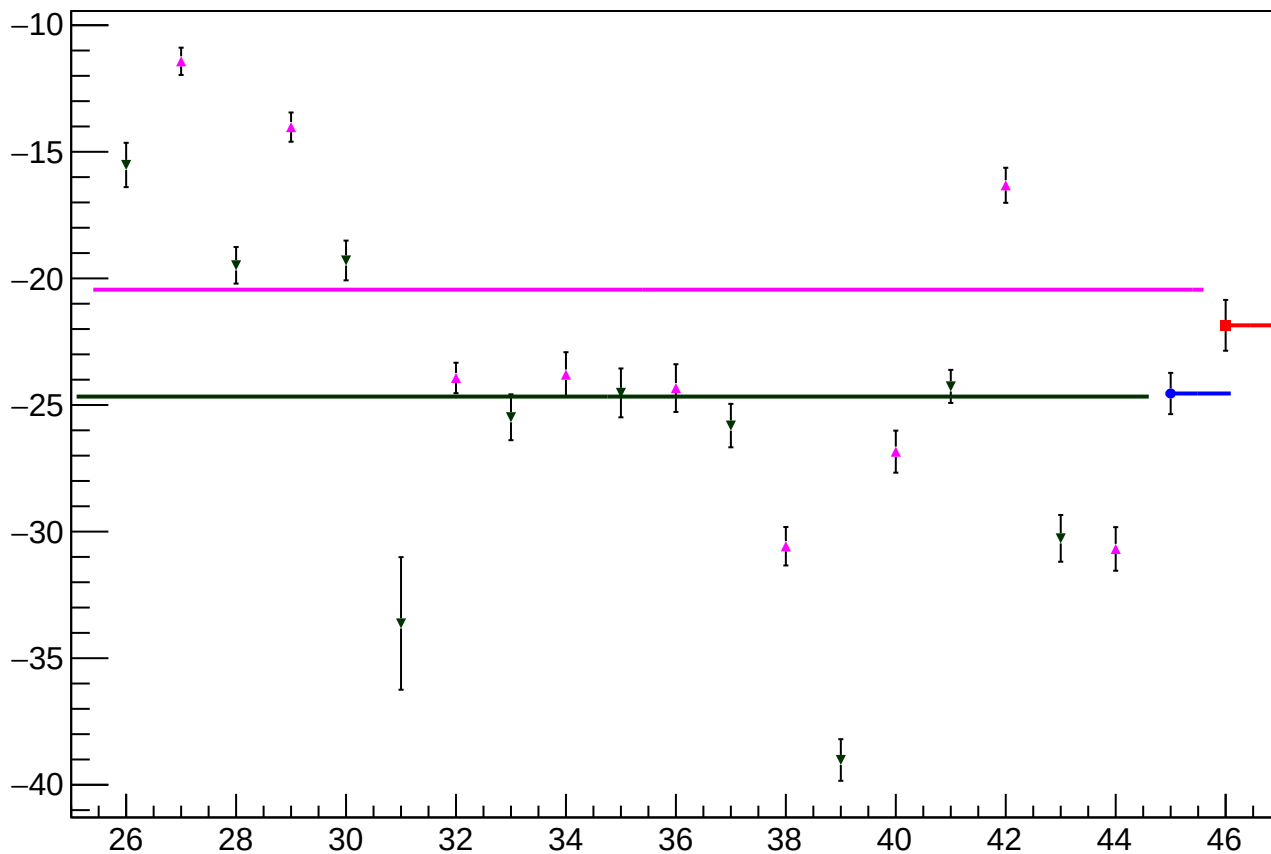
Right Out: 21.475+/-0.126 χ^2/NDF : 0.0/0

Left In: 13.747+/-0.033 χ^2/NDF :44234.1/8

15.713+/-0.034 χ^2/NDF : 189634.2/10

14.234+/-0.032 χ^2/NDF : 47747.0/9

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -24.546 $\pm$ 0.815 χ^2 /NDF: 0.0/0

Left Out: -24.667 $\pm$ 0.271 χ^2 /NDF:564.2/9

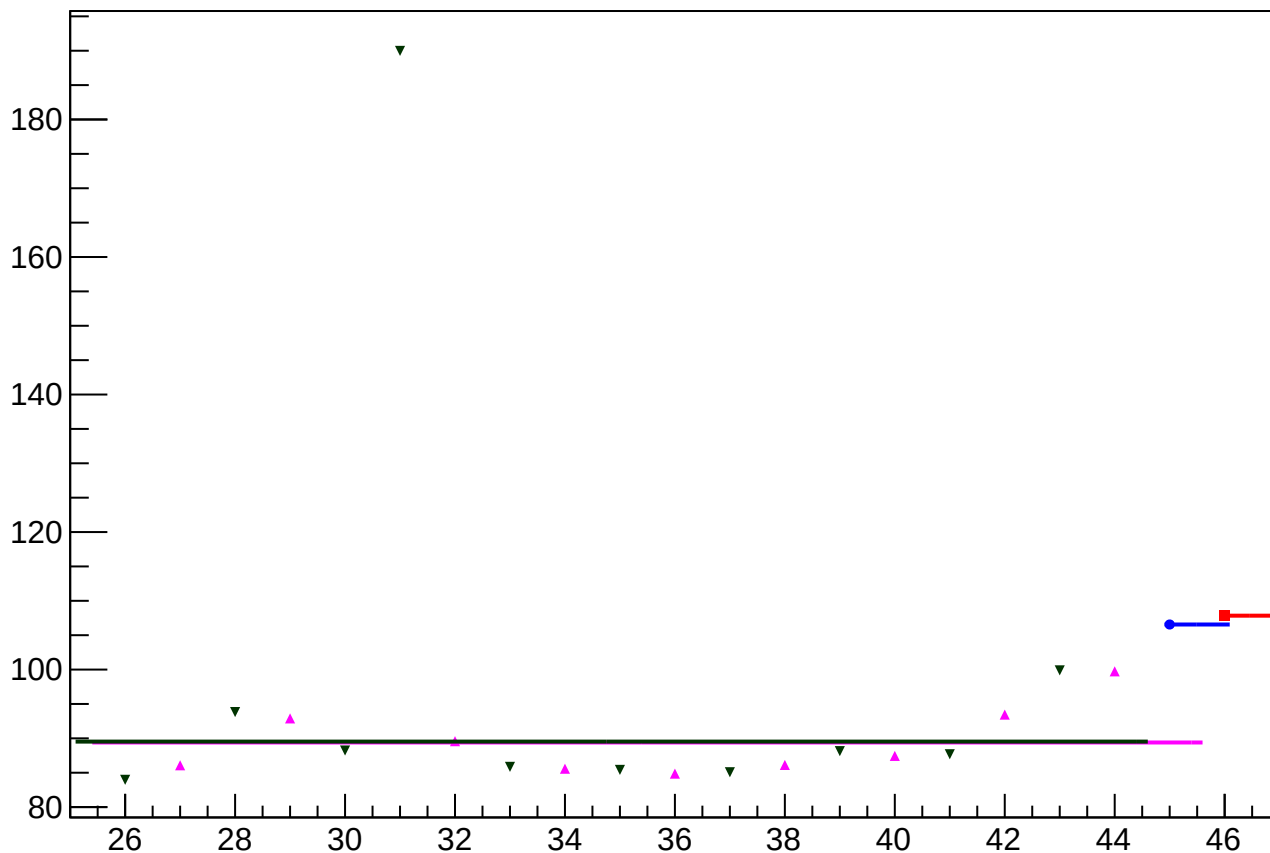
Right Out: -21.854 $\pm$ 1.003 χ^2 /NDF: 0.0/0

Left In: -20.446 $\pm$ 0.234 χ^2 /NDF:882.7/8

-24.655 $\pm$ 0.257 χ^2 /NDF: 564.2/10

-20.519 $\pm$ 0.228 χ^2 /NDF: 884.5/9

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 106.556 $\pm$ 0.163 χ^2 /NDF: 0.0/0

Left Out: 89.526 $\pm$ 0.049 χ^2 /NDF:54366.7/9

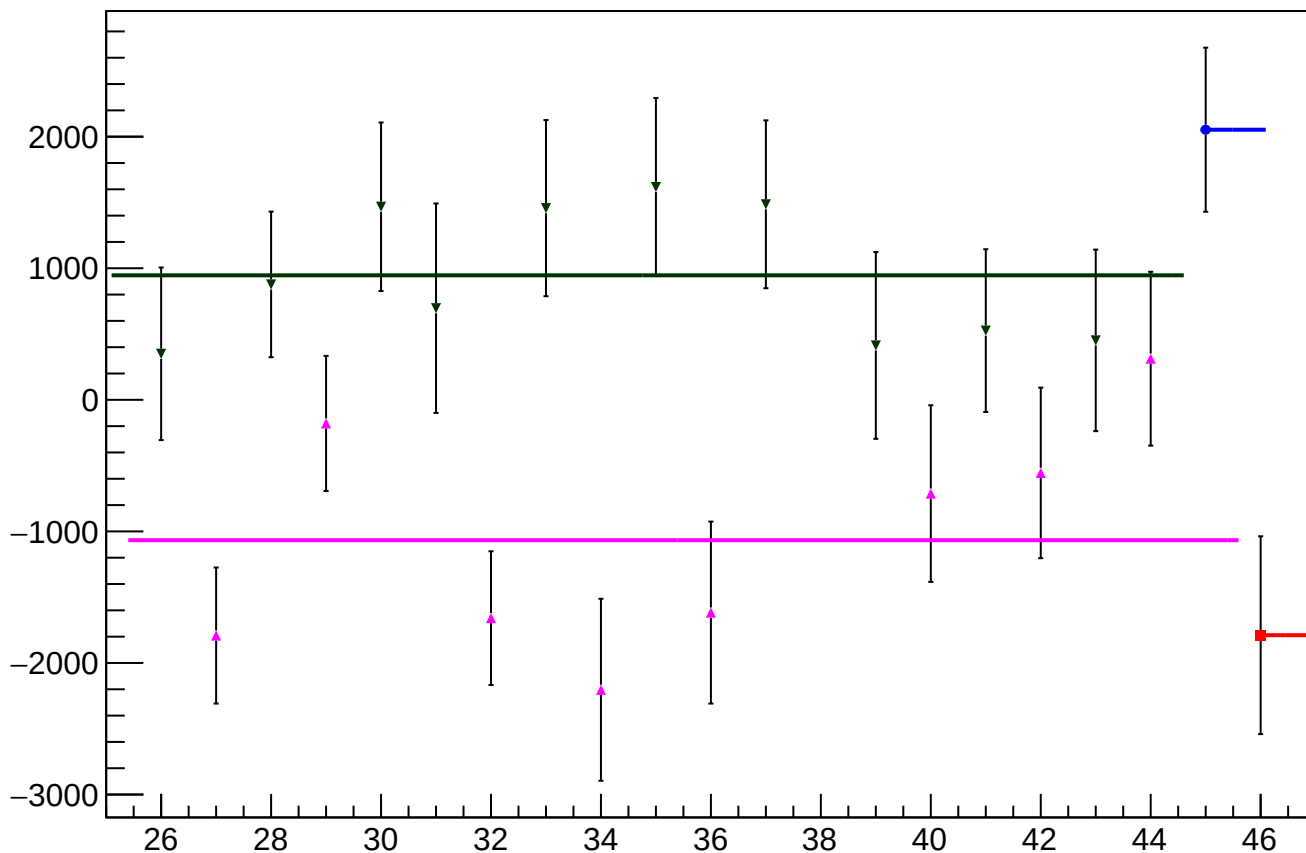
Right Out: 107.839 $\pm$ 0.197 χ^2 /NDF: 0.0/0

Left In: 89.397 $\pm$ 0.049 χ^2 /NDF:7802.3/8

90.963 $\pm$ 0.047 χ^2 /NDF: 64363.4/10

90.469 $\pm$ 0.048 χ^2 /NDF: 16048.6/9

reg_asym_atl1_mean vs slug



Right In: 2052.961 $\pm$ 623.567 χ^2/NDF : 0.0/0

Left Out: 946.354 $\pm$ 207.711 χ^2/NDF : 5.4/9

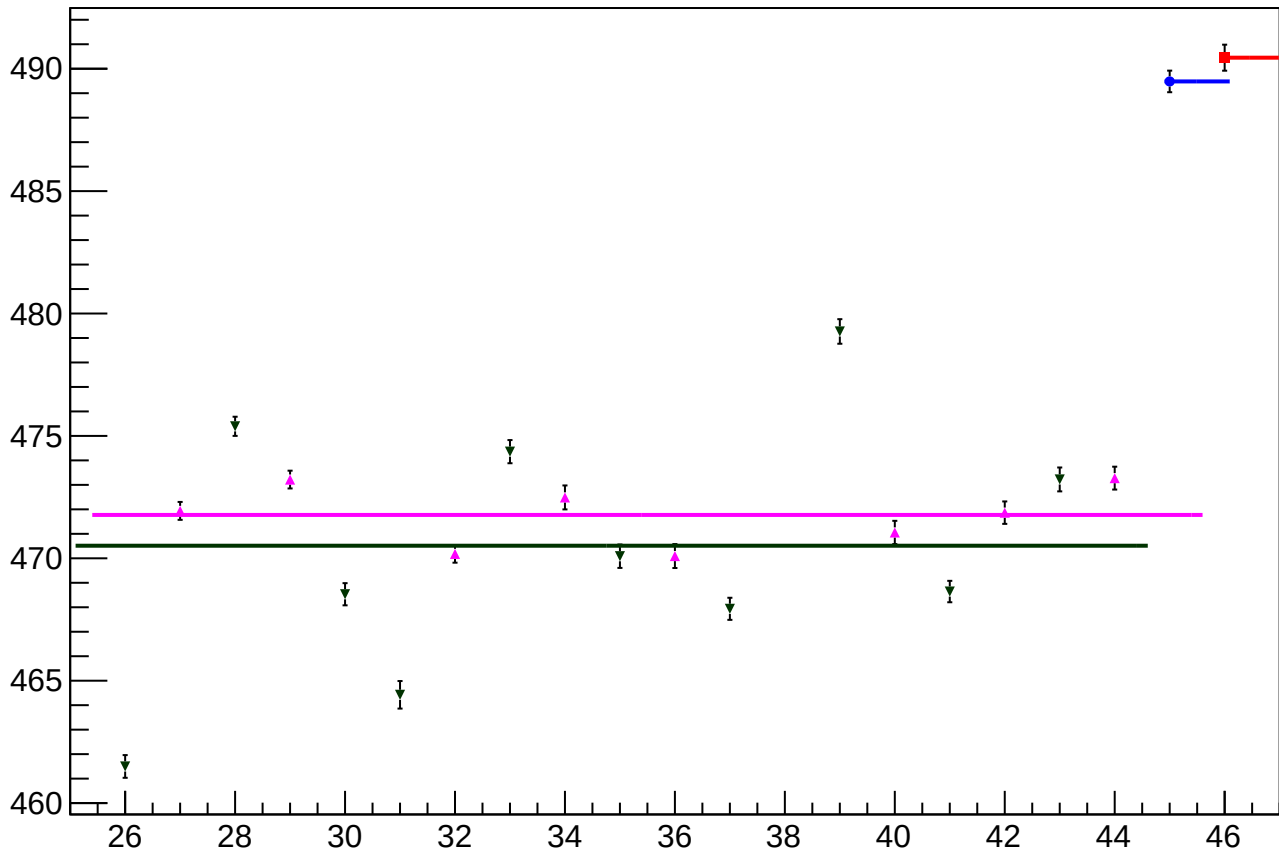
Right Out: -1788.909 $\pm$ 751.697 χ^2/NDF : 0.0/0

Left In: -1066.964 $\pm$ 210.912 χ^2/NDF : 14.9/7

1056.877 $\pm$ 197.066 χ^2/NDF : 8.3/10

-1119.652 $\pm$ 203.070 χ^2/NDF : 15.8/8

reg_asym_atl1_rms vs slug



Right In: 489.481+/-0.441 χ^2/NDF : 0.0/0

Left Out: 470.514+/-0.147 χ^2/NDF :1122.3/9

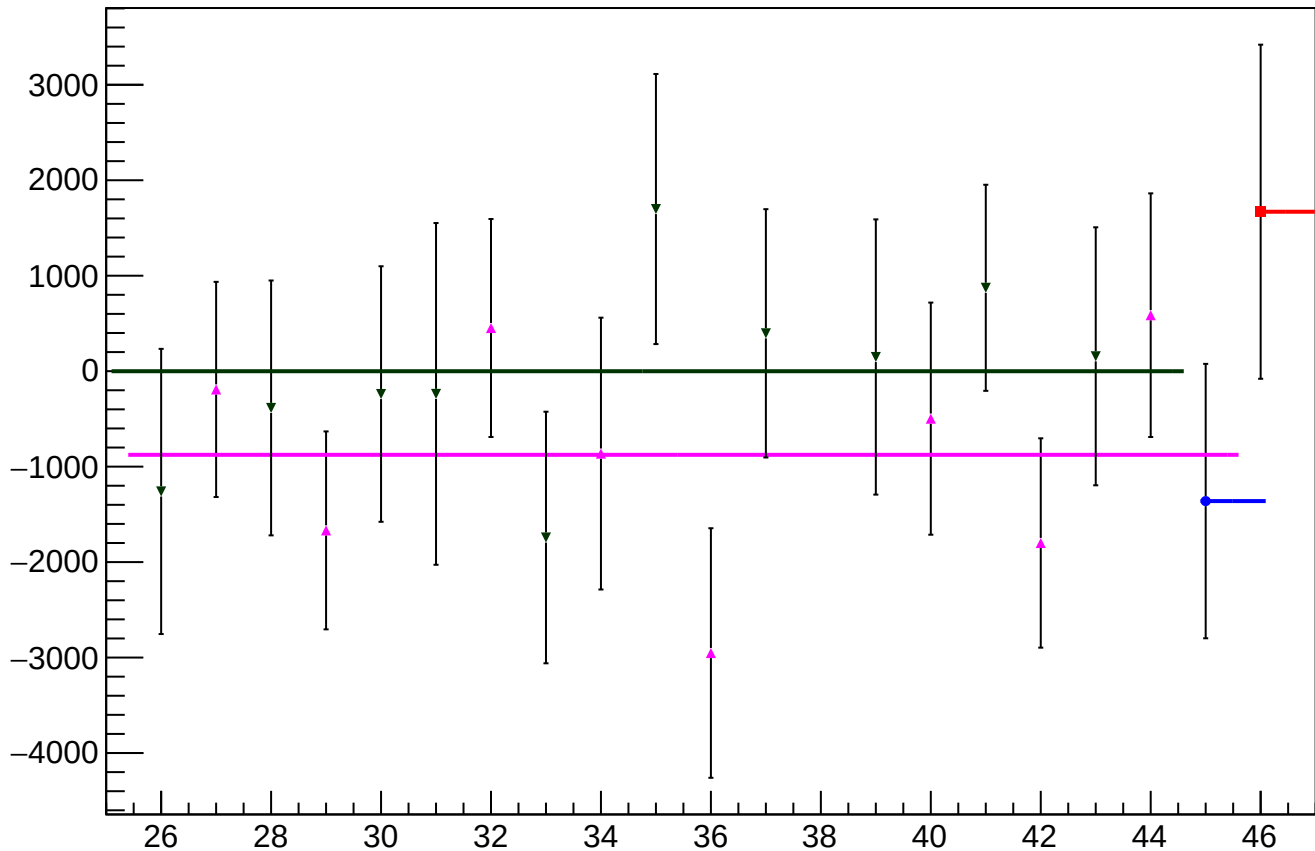
472.409+/-0.139 χ^2/NDF : 2787.8/10

Right Out: 490.451+/-0.532 χ^2/NDF : 0.0/0

473.135+/-0.144 χ^2/NDF : 1207.1/8

Left In: 471.772+/-0.149 χ^2/NDF :62.3/7

asym_atl1_correction_mean vs slug



Right In: -1360.869+/-1437.270 χ^2 /NDF: 0.0/0

Left Out: -0.504+/-428.990 χ^2 /NDF: 4.8/9

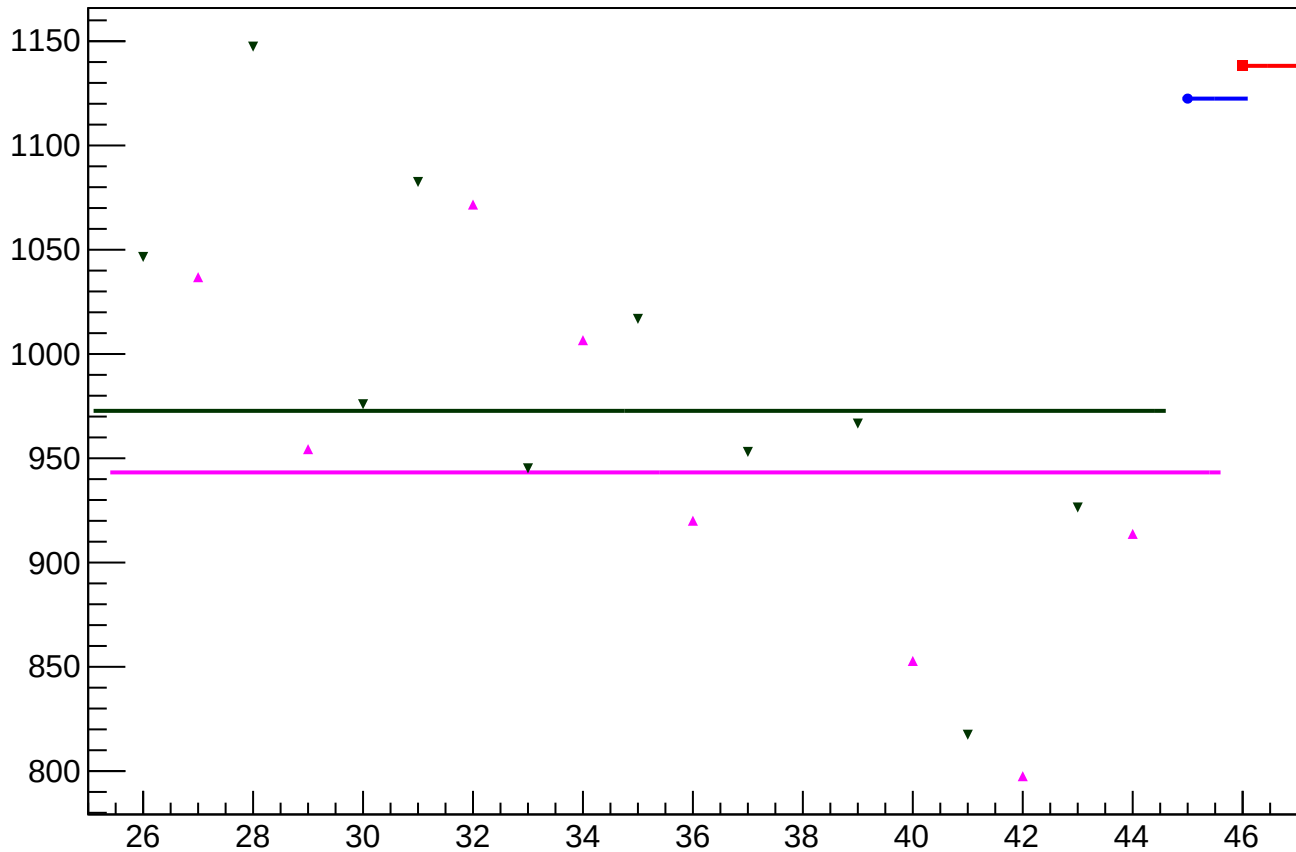
-111.782+/-411.070 χ^2 /NDF: 5.6/10

Right Out: 1670.193+/-1750.017 χ^2 /NDF: 0.0/0

-738.020+/-407.838 χ^2 /NDF: 9.0/8

Left In: -876.325+/-419.386 χ^2 /NDF: 6.9/7

asym_atl1_correction_rms vs slug



Right In: 1122.472 $\pm$ 1.016 χ^2 /NDF: 0.0/0

Left Out: 972.740 $\pm$ 0.303 χ^2 /NDF: 93722.9/9

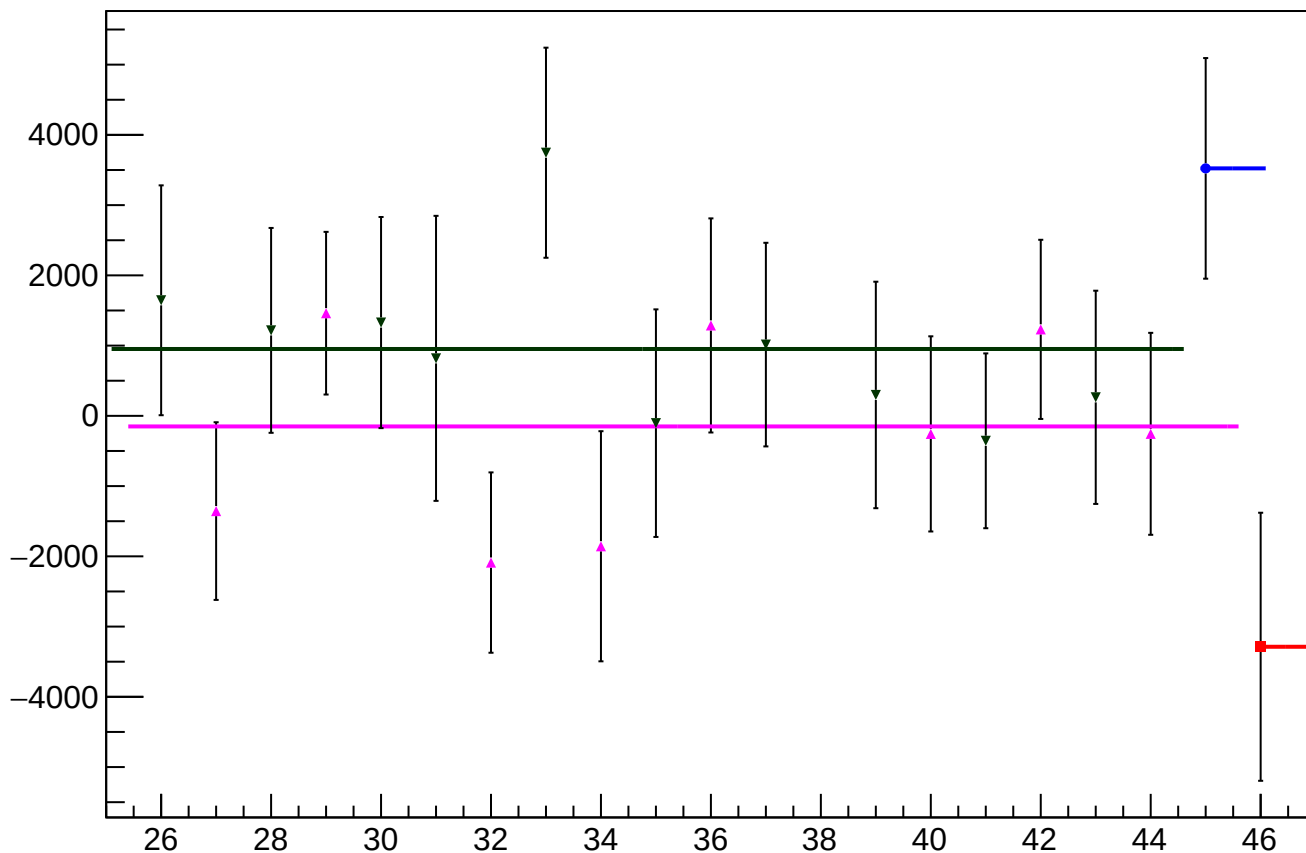
Right Out: 1138.181 $\pm$ 1.237 χ^2 /NDF: 0.0/0

Left In: 943.222 $\pm$ 0.297 χ^2 /NDF: 91364.0/7

984.988 $\pm$ 0.291 χ^2 /NDF: 113653.6/10

953.811 $\pm$ 0.288 χ^2 /NDF: 114837.6/8

asym_atl1_mean vs slug



Right In: 3523.178+/-1570.536 χ^2/NDF : 0.0/0

Left Out: 951.884+/-482.337 χ^2/NDF :5.7/9

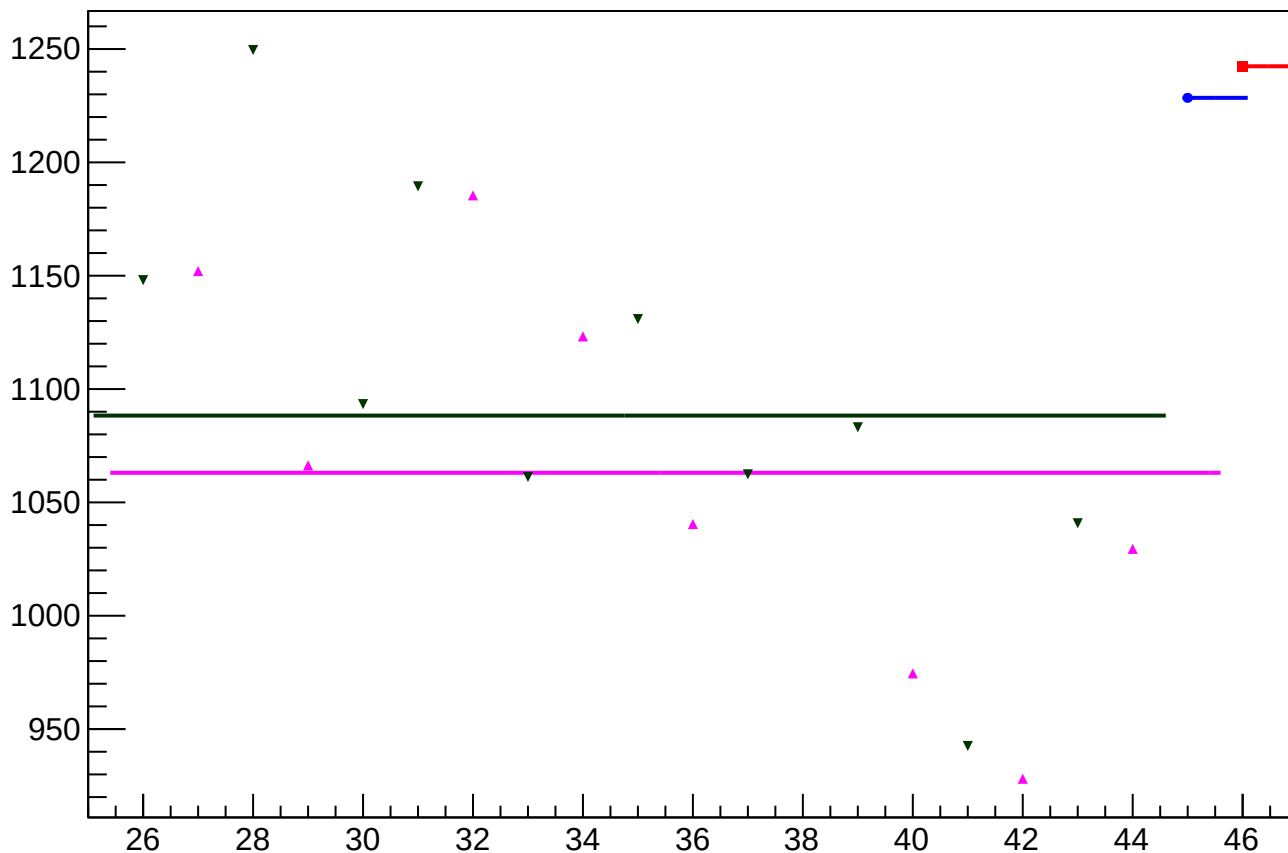
Right Out: -3287.418+/-1908.136 χ^2/NDF : 0.0/0

Left In: -150.701+/-476.838 χ^2/NDF :8.3/7

1173.506+/-461.082 χ^2/NDF : 8.1/10

-335.071+/-462.612 χ^2/NDF : 10.8/8

asym_atl1_rms vs slug



Right In: 1228.469 ± 1.111 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1088.294 ± 0.341 $\chi^2/\text{NDF}: 64214.9/9$

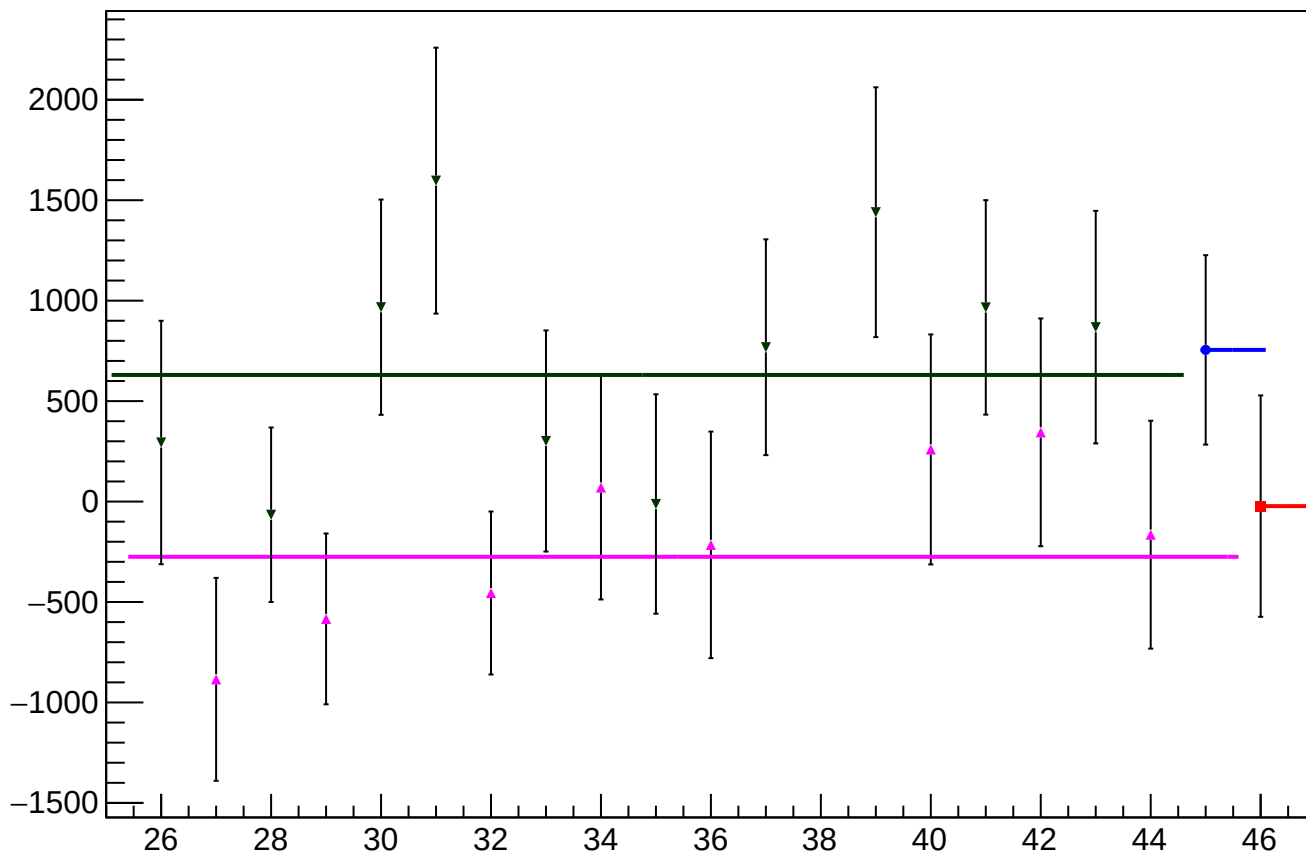
Right Out: 1242.393 ± 1.349 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1063.060 ± 0.337 $\chi^2/\text{NDF}: 62842.0/7$

1100.376 ± 0.326 $\chi^2/\text{NDF}: 78773.8/10$

1073.601 ± 0.327 $\chi^2/\text{NDF}: 79469.4/8$

reg_asym_atl2_mean vs slug



Right In: 754.928+/-471.484 χ^2/NDF : 0.0/0

Left Out: 630.254+/-174.091 χ^2/NDF : 9.5/9

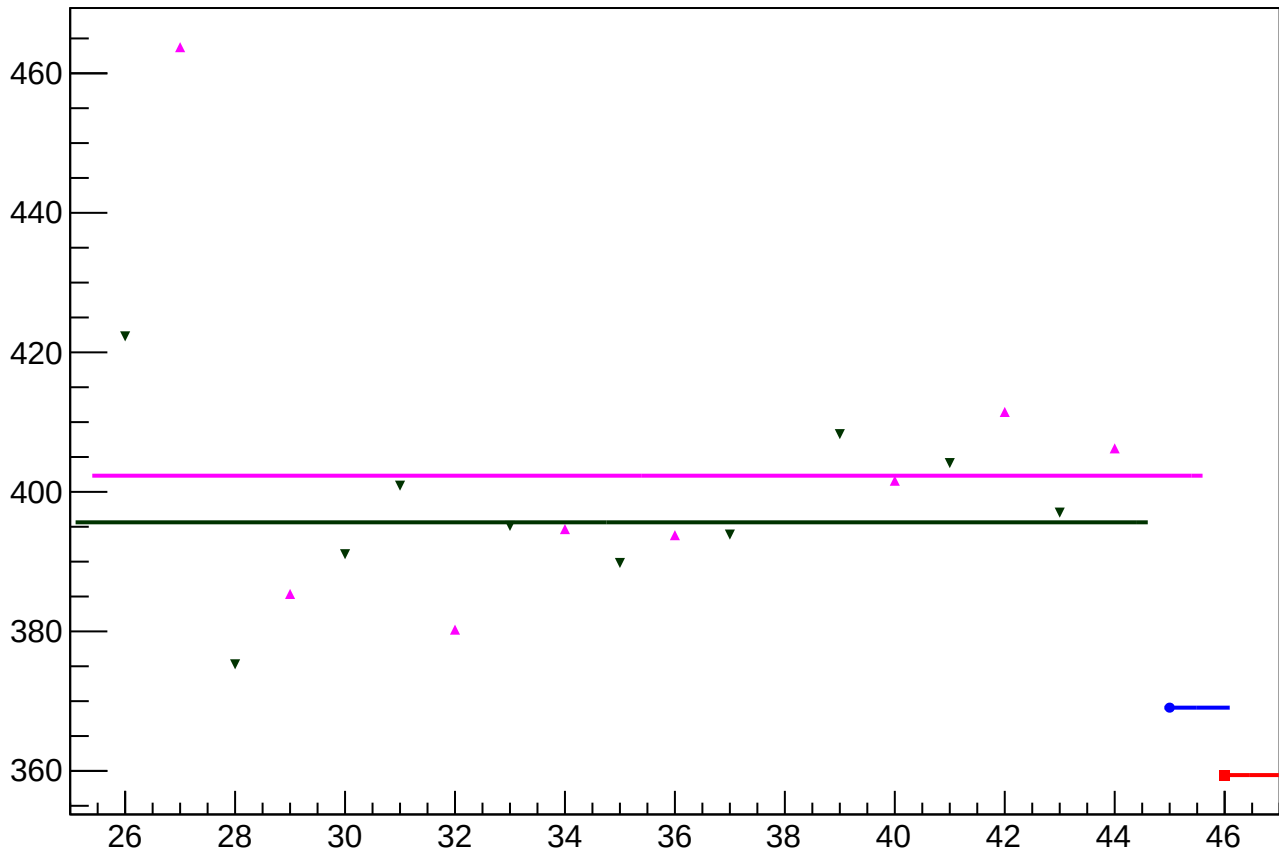
Right Out: -22.744+/-550.879 χ^2/NDF : 0.0/0

Left In: -274.945+/-179.112 χ^2/NDF : 4.7/7

645.212+/-163.313 χ^2/NDF : 9.5/10

-250.833+/-170.335 χ^2/NDF : 4.9/8

reg_asym_atl2_rms vs slug



Right In: 369.069 $\pm$ 0.333 χ^2 /NDF: 0.0/0

Left Out: 395.636 $\pm$ 0.123 χ^2 /NDF:10131.9/9

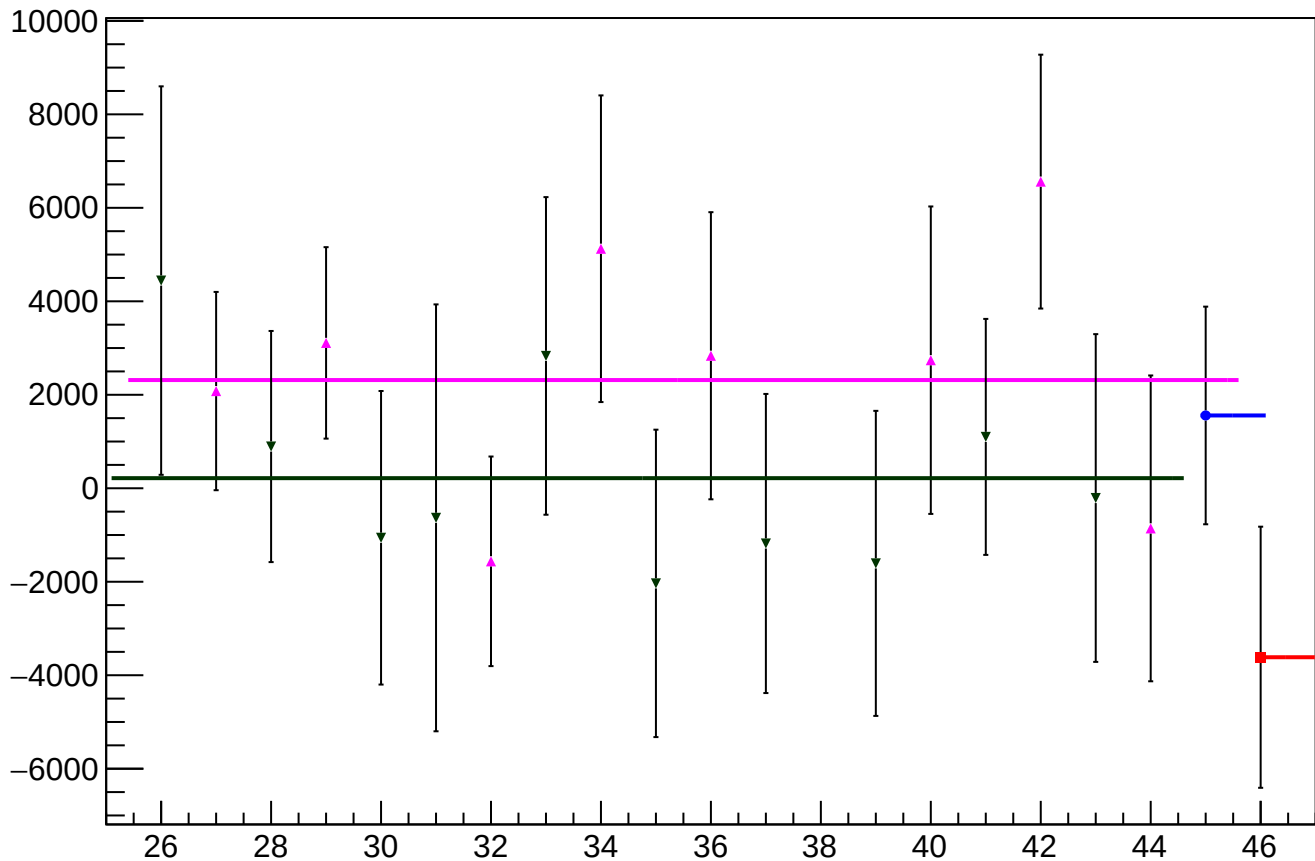
Right Out: 359.403 $\pm$ 0.390 χ^2 /NDF: 0.0/0

Left In: 402.320 $\pm$ 0.127 χ^2 /NDF:40146.8/7

392.449 $\pm$ 0.115 χ^2 /NDF: 15720.2/10

398.217 $\pm$ 0.120 χ^2 /NDF: 51125.0/8

asym_atl2_correction_mean vs slug



Right In: 1557.718 $\pm$ 2328.128 χ^2 /NDF: 0.0/0

Left Out: 216.258 $\pm$ 1010.244 χ^2 /NDF:3.0/9

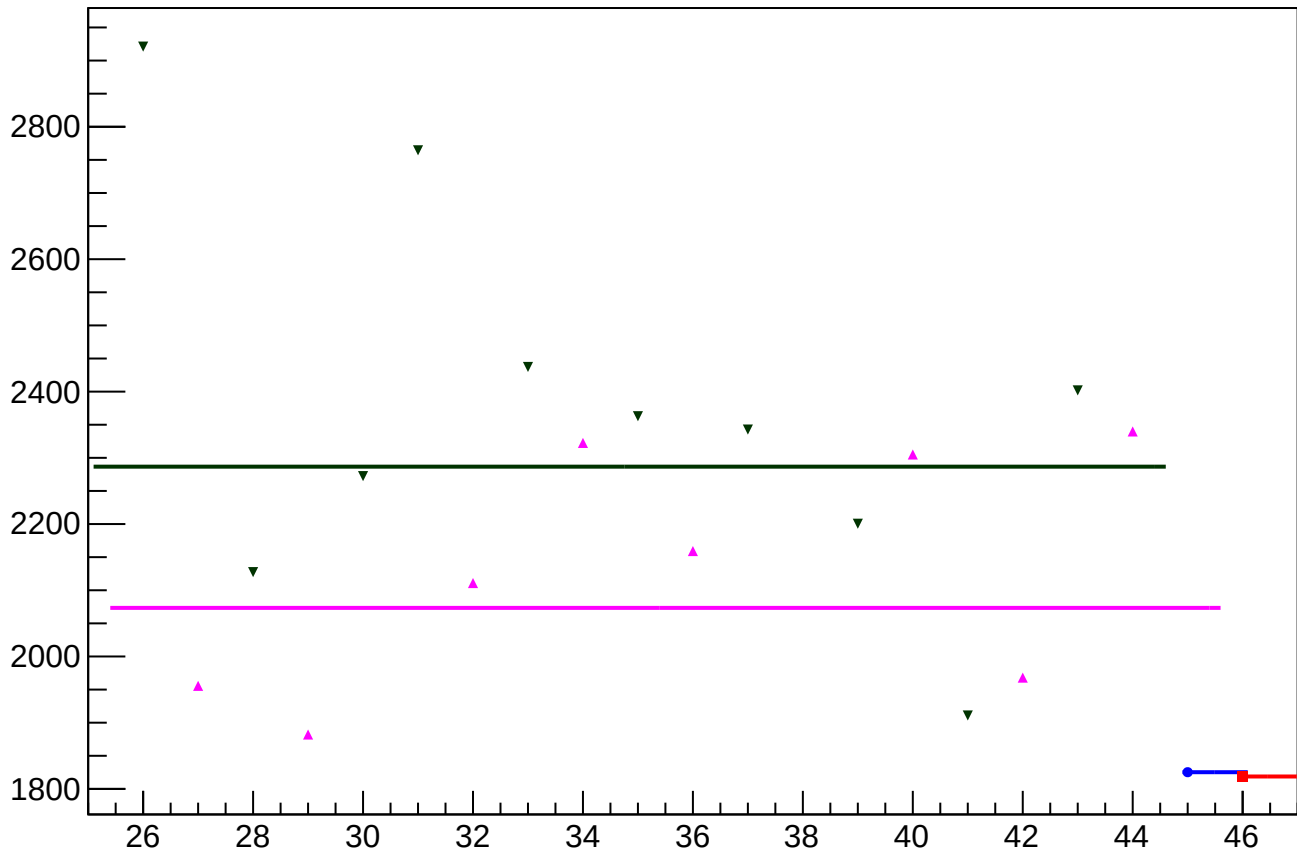
Right Out: -3615.092 $\pm$ 2793.199 χ^2 /NDF: 0.0/0

Left In: 2315.339 $\pm$ 920.569 χ^2 /NDF:7.3/7

428.824 $\pm$ 926.753 χ^2 /NDF: 3.3/10

1734.290 $\pm$ 874.310 χ^2 /NDF: 11.4/8

asym_atl2_correction_rms vs slug



Right In: 1825.218+/-1.646 χ^2/NDF : 0.0/0

Left Out: 2286.677+/-0.714 χ^2/NDF :130336.9/9

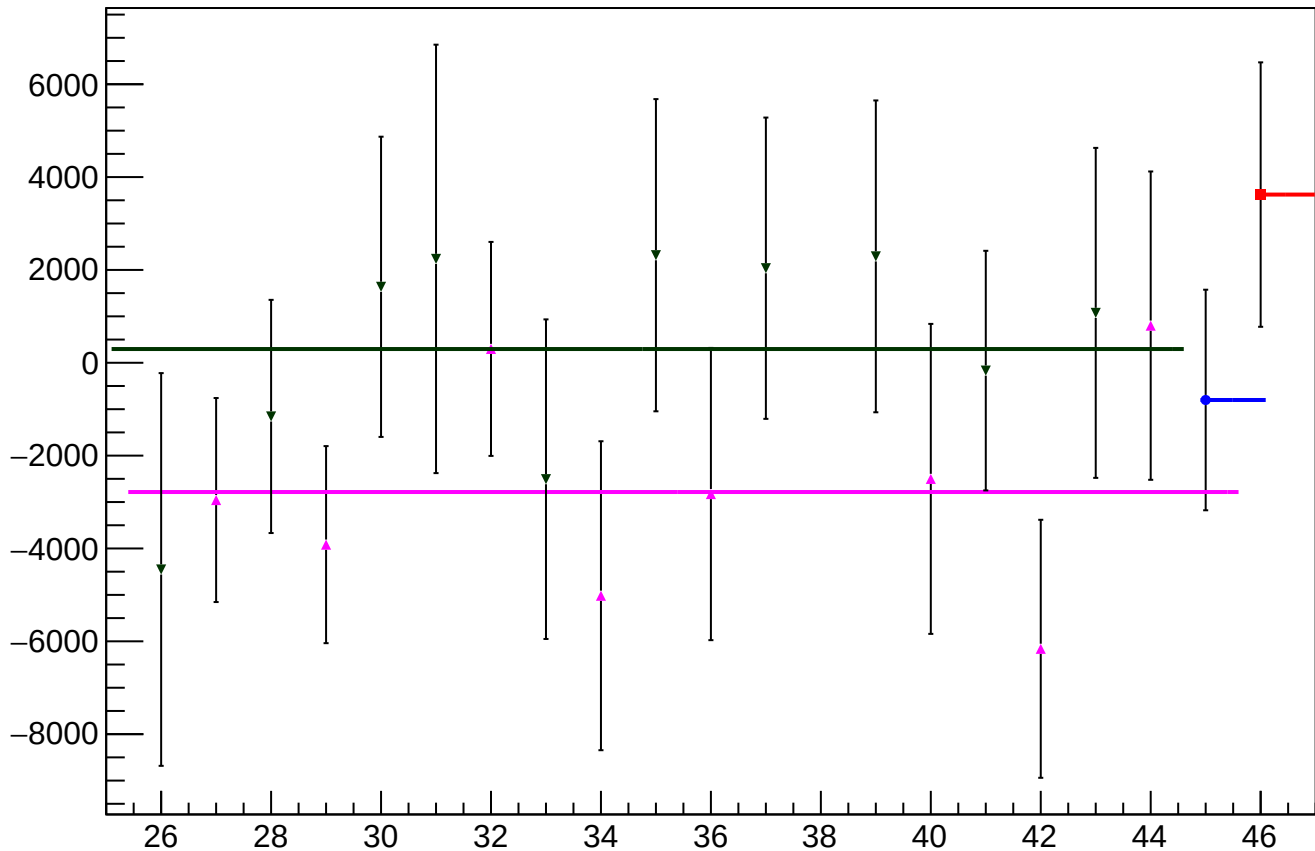
2213.555+/-0.655 χ^2/NDF : 196460.8/10

Right Out: 1818.741+/-1.975 χ^2/NDF : 0.0/0

2048.437+/-0.618 χ^2/NDF : 78451.2/8

Left In: 2073.386+/-0.651 χ^2/NDF :63457.3/7

asym_atl2_mean vs slug



Right In: -801.798+/-2375.656 χ^2/NDF : 0.0/0

Left Out: 296.079+/-1029.874 χ^2/NDF : 3.7/9

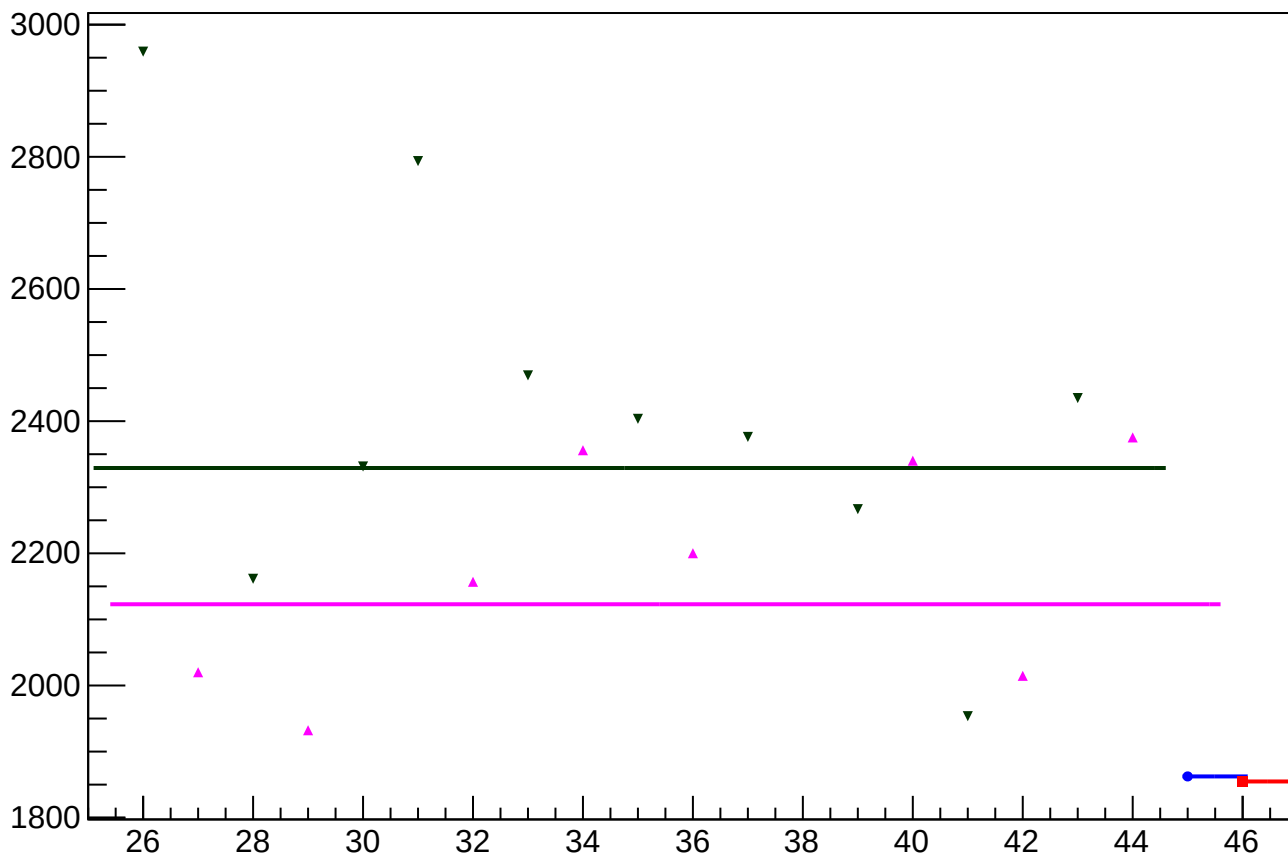
122.394+/-944.905 χ^2/NDF : 3.9/10

Right Out: 3623.160+/-2848.026 χ^2/NDF : 0.0/0

-2147.991+/-897.390 χ^2/NDF : 9.7/8

Left In: -2784.125+/-945.556 χ^2/NDF : 5.2/7

asym_atl2_rms vs slug



Right In: 1862.407+/-1.680 χ^2/NDF : 0.0/0

Left Out: 2329.125+/-0.728 χ^2/NDF :123081.1/9

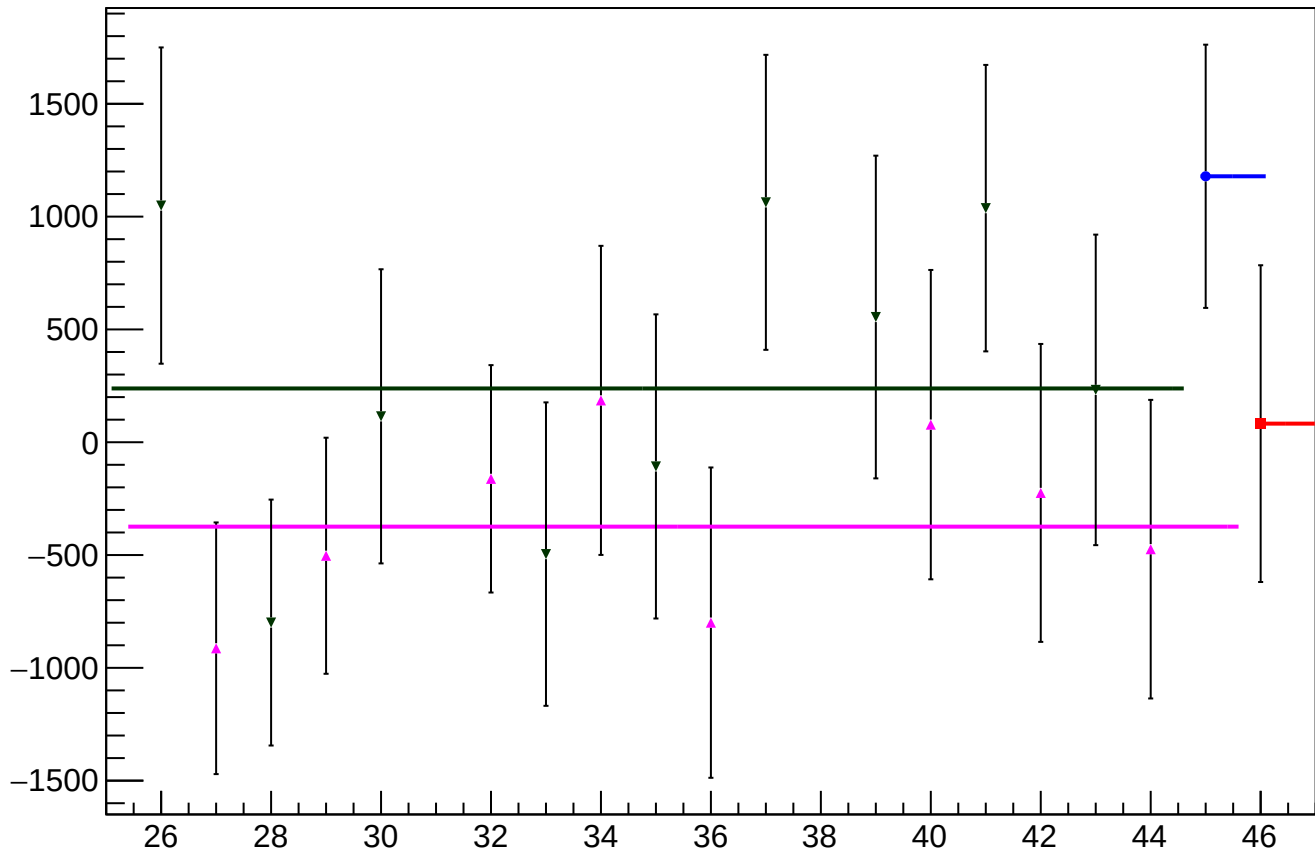
Right Out: 1854.781+/-2.014 χ^2/NDF : 0.0/0

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2255.289+/-0.668 χ^2/NDF : 188061.1/10

2096.319+/-0.635 χ^2/NDF : 71007.8/8

reg_asym_atr1_mean vs slug



Right In: 1178.784+/-583.378 χ^2/NDF : 0.0/0

Left Out: 238.372+/-217.936 χ^2/NDF : 9.8/8

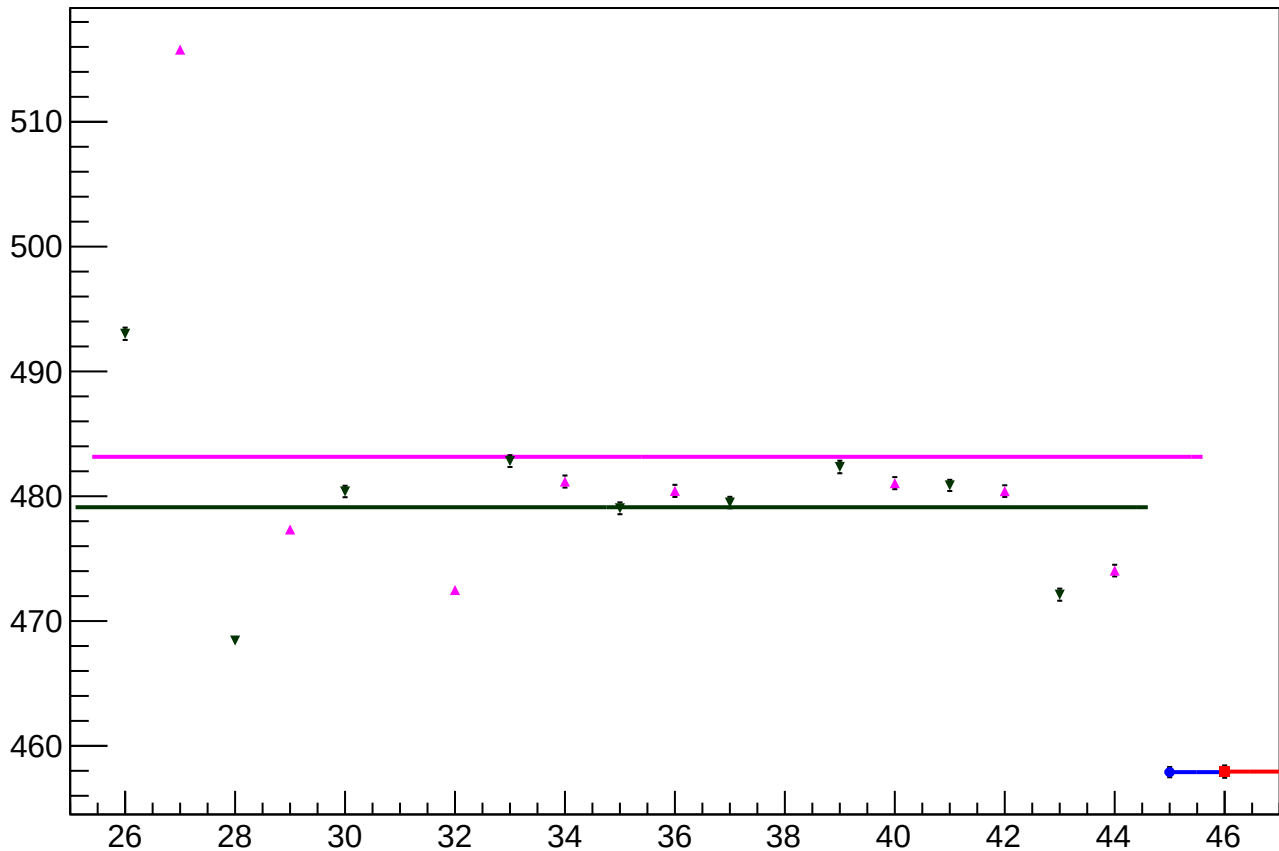
Right Out: 82.457+/-702.015 χ^2/NDF : 0.0/0

Left In: -374.119+/-214.392 χ^2/NDF : 2.7/7

353.542+/-204.155 χ^2/NDF : 12.1/9

-335.169+/-205.043 χ^2/NDF : 3.1/8

reg_asym_atr1_rms vs slug



Right In: 457.895+/-0.413 χ^2/NDF : 0.0/0

Left Out: 479.120+/-0.154 χ^2/NDF : 1886.5/8

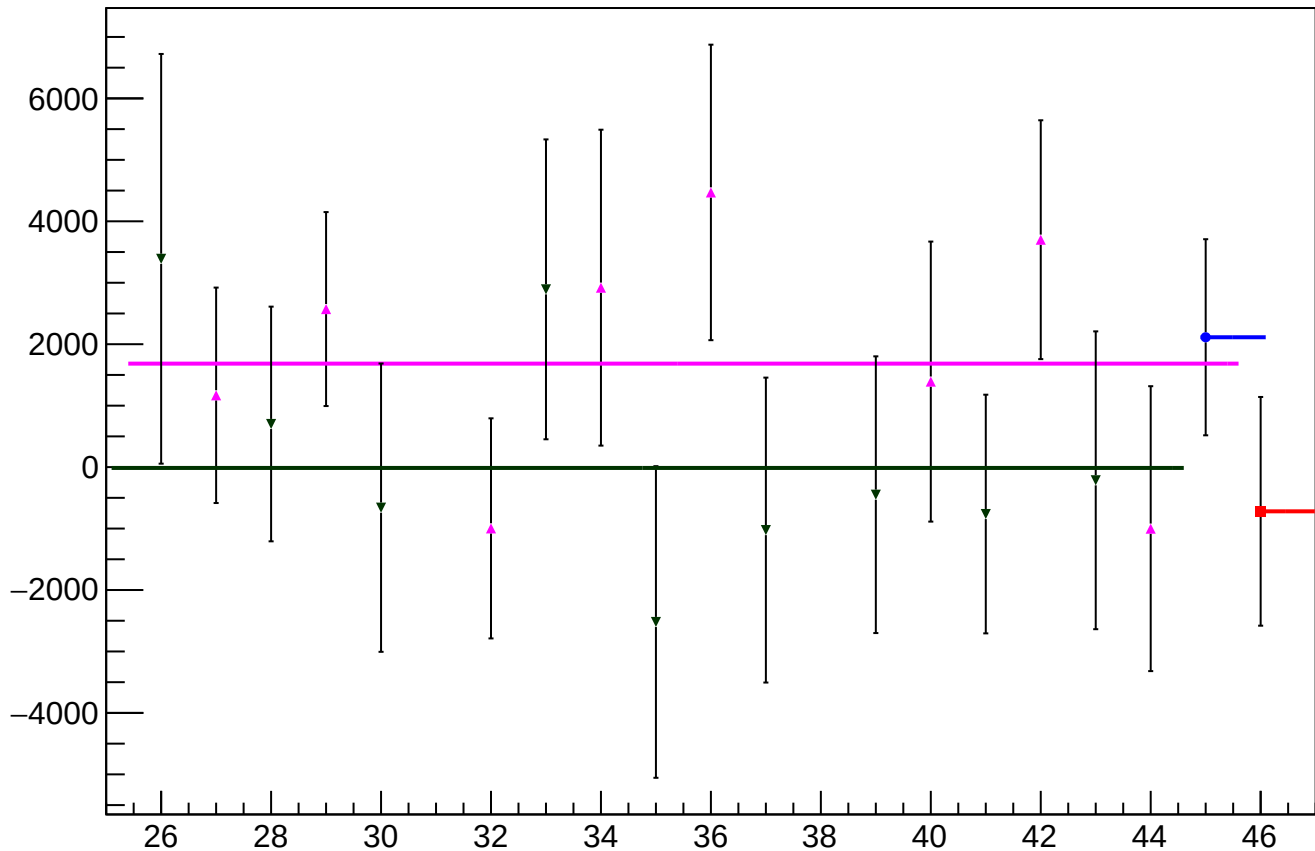
Right Out: 457.938+/-0.496 χ^2/NDF : 0.0/0

Left In: 483.160+/-0.152 χ^2/NDF : 8470.0/7

476.520+/-0.144 χ^2/NDF : 4209.6/9

481.008+/-0.145 χ^2/NDF : 10831.4/8

asym_atr1_correction_mean vs slug



Right In: 2113.091 $\pm$ 1595.615 χ^2 /NDF: 0.0/0

Left Out: -13.564 $\pm$ 775.077 χ^2 /NDF: 4.0/8

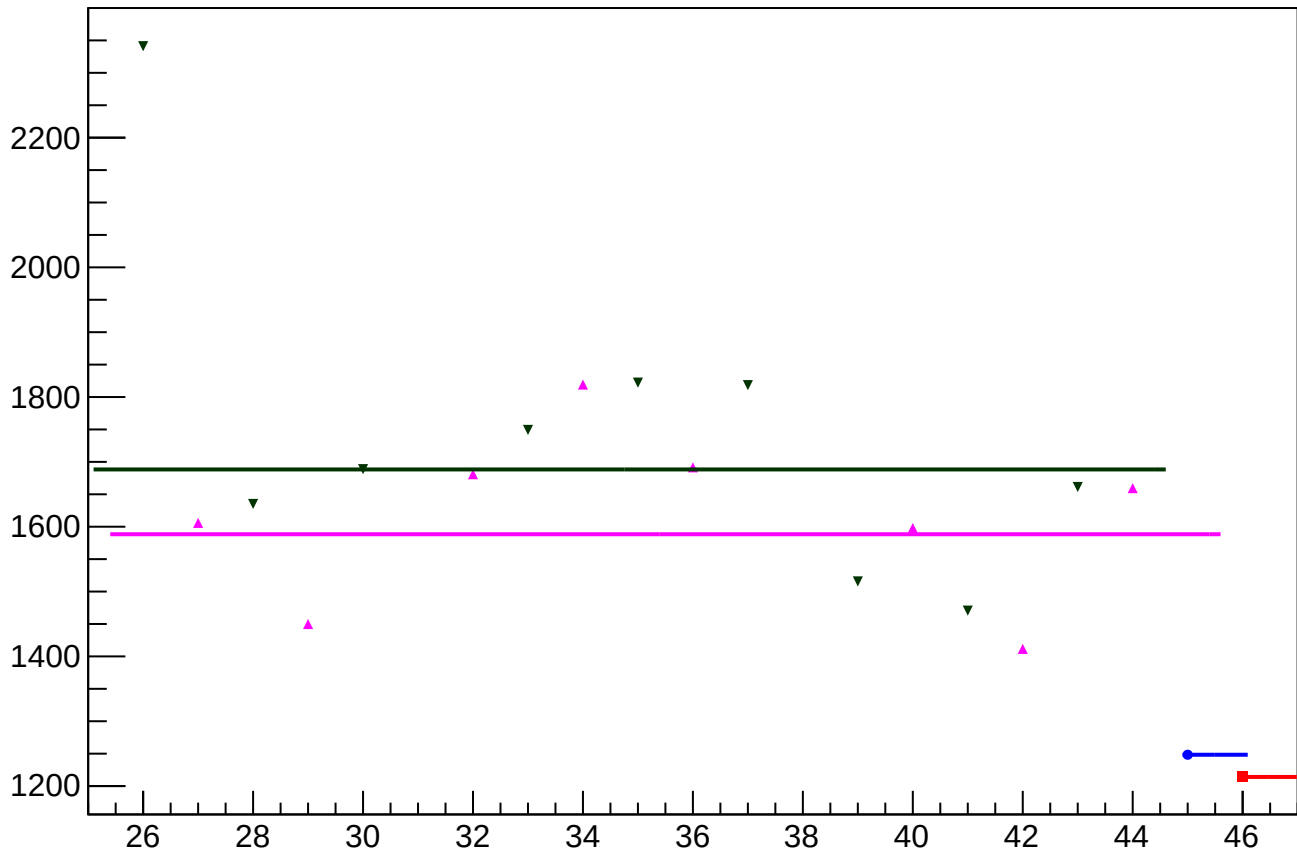
Right Out: -719.611 $\pm$ 1861.038 χ^2 /NDF: 0.0/0

Left In: 1683.939 $\pm$ 705.940 χ^2 /NDF: 6.7/7

392.436 $\pm$ 697.177 χ^2 /NDF: 5.5/9

1381.600 $\pm$ 660.048 χ^2 /NDF: 8.1/8

asym_atr1_correction_rms vs slug



Right In: 1248.317+/-1.128 χ^2/NDF : 0.0/0

Left Out: 1688.324+/-0.548 χ^2/NDF : 127706.3/8

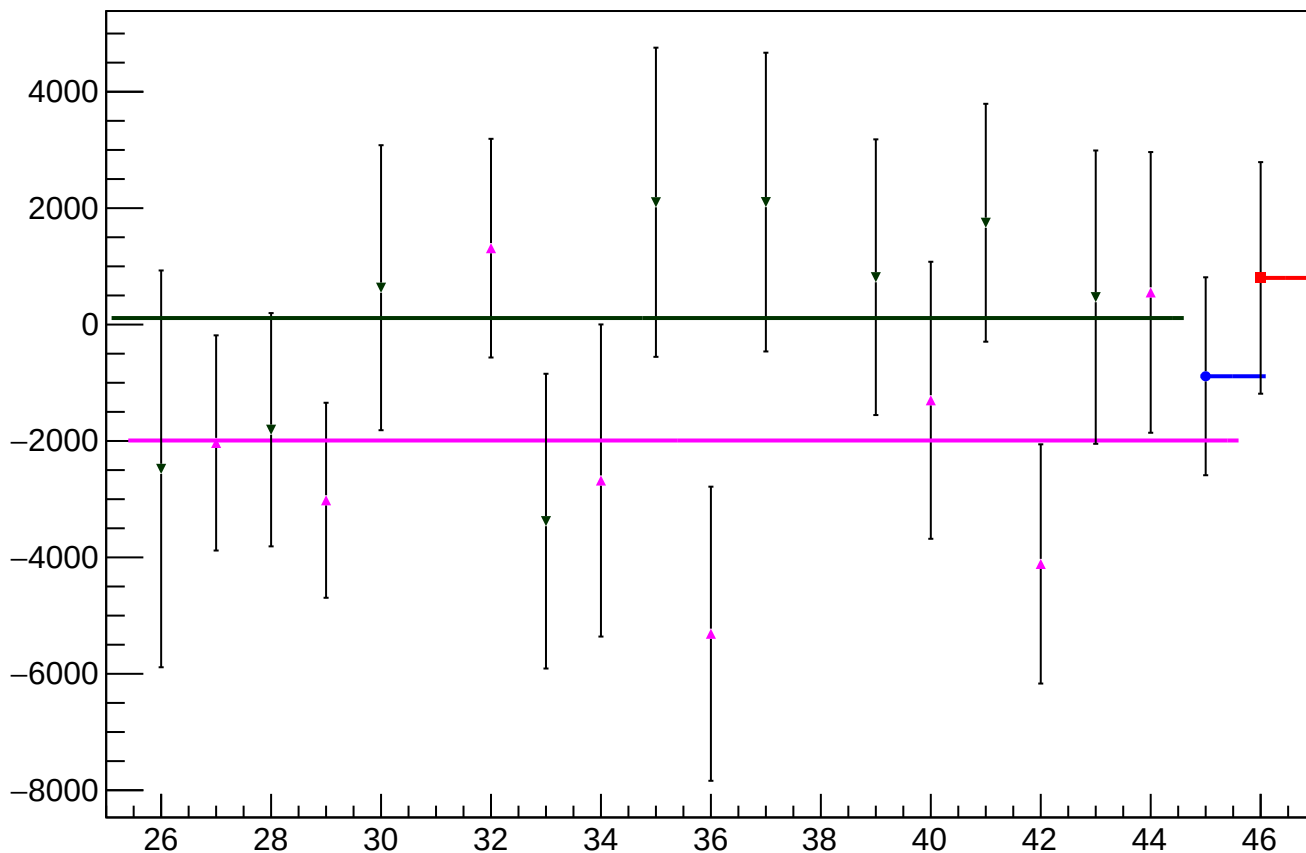
1604.322+/-0.493 χ^2/NDF : 250758.8/9

Right Out: 1214.085+/-1.316 χ^2/NDF : 0.0/0

1541.308+/-0.467 χ^2/NDF : 129955.3/8

Left In: 1588.391+/-0.499 χ^2/NDF : 59227.6/7

asym_atr1_mean vs slug



Right In: -888.058+/-1700.374 χ^2/NDF : 0.0/0

Left Out: 112.152+/-809.295 χ^2/NDF : 5.4/8

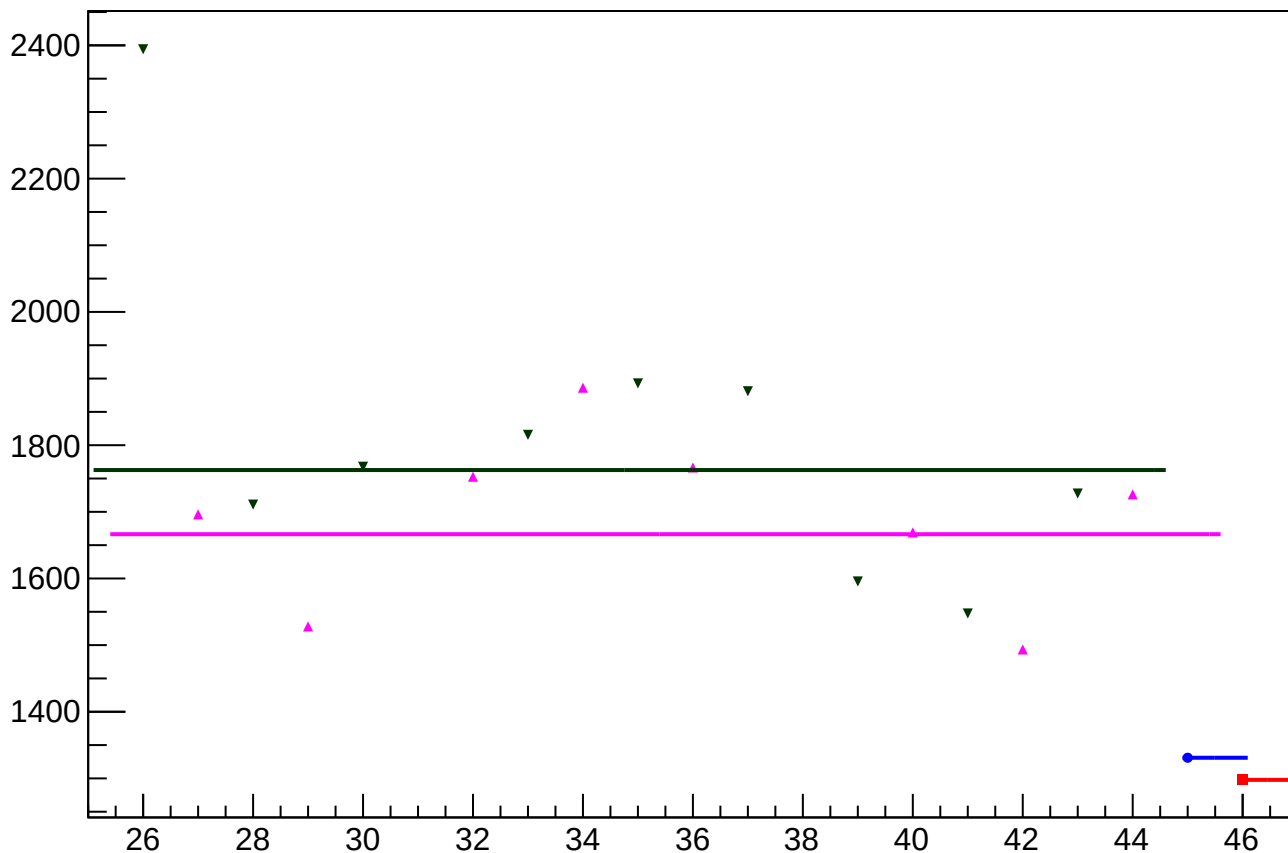
Right Out: 801.554+/-1989.326 χ^2/NDF : 0.0/0

Left In: -1991.664+/-742.563 χ^2/NDF : 7.5/7

-72.578+/-730.748 χ^2/NDF : 5.6/9

-1650.071+/-695.677 χ^2/NDF : 9.3/8

asym_atr1_rms vs slug



Right In: 1330.984+/-1.202 χ^2/NDF : 0.0/0

Left Out: 1762.716+/-0.572 χ^2/NDF : 112433.4/8

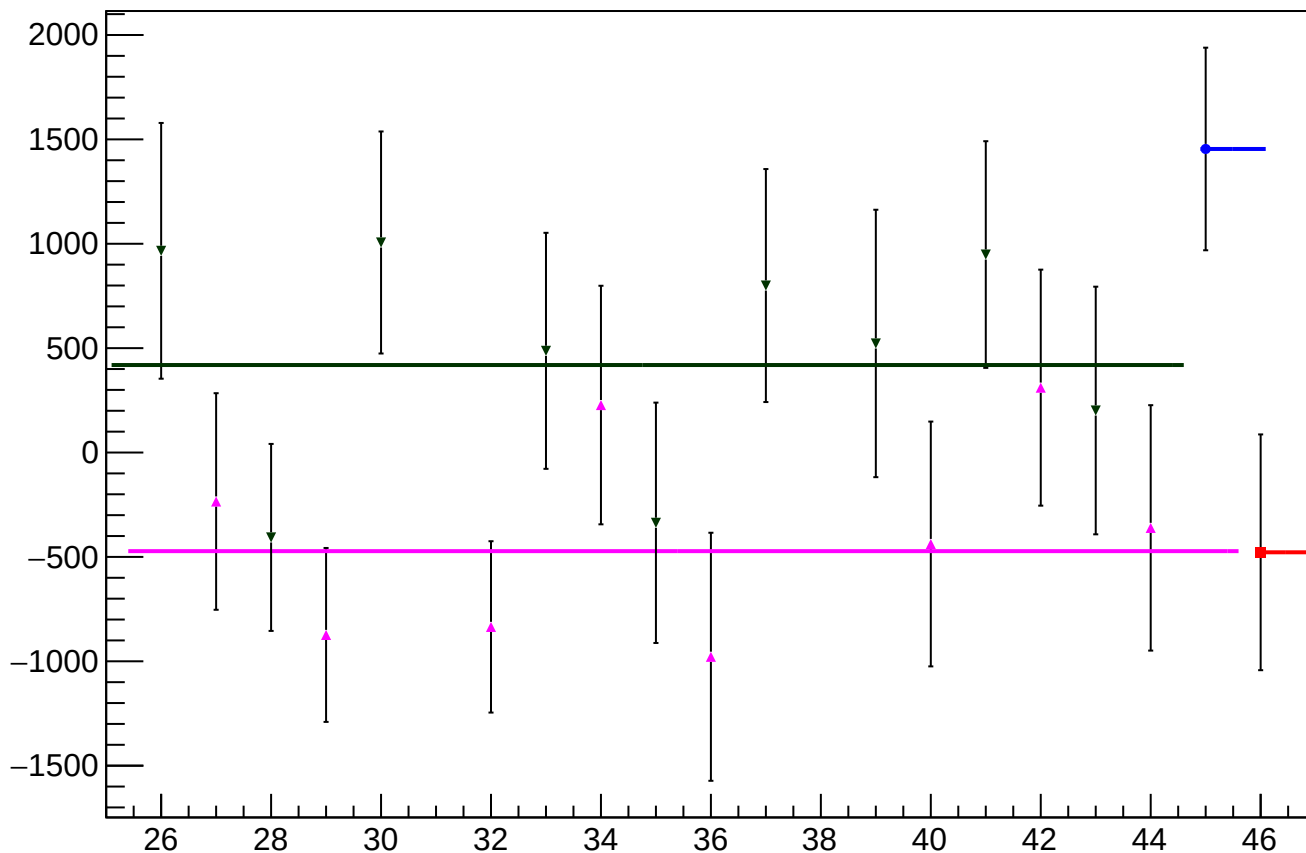
Right Out: 1297.805+/-1.407 χ^2/NDF : 0.0/0

Left In: 1666.436+/-0.525 χ^2/NDF : 50358.5/7

1682.979+/-0.517 χ^2/NDF : 217555.2/9

1621.355+/-0.492 χ^2/NDF : 110635.3/8

reg_asym_atr2_mean vs slug



Right In: 1454.058 $\pm$ 485.245 χ^2/NDF : 0.0/0

Left Out: 419.150 $\pm$ 185.000 χ^2/NDF : 8.7/8

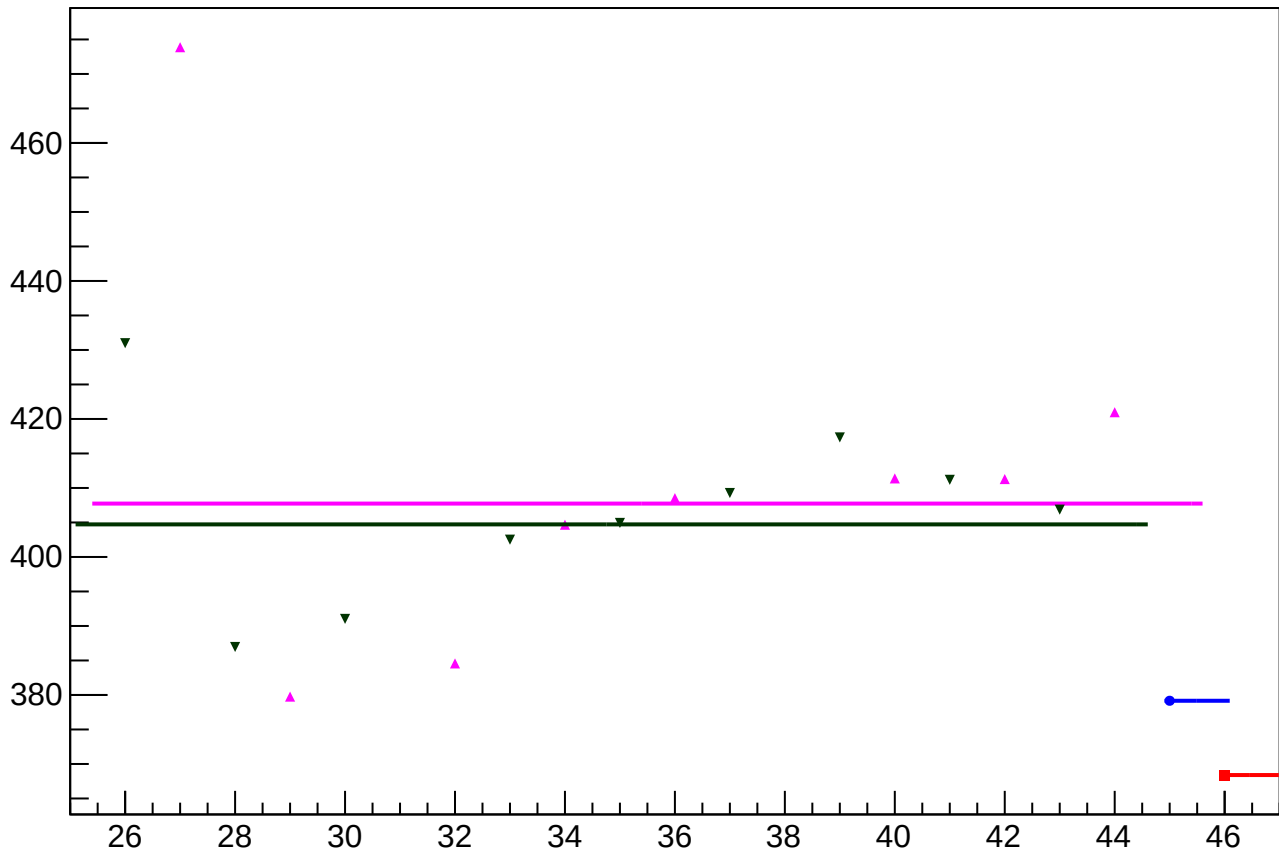
Right Out: -477.926 $\pm$ 564.690 χ^2/NDF : 0.0/0

Left In: -472.383 $\pm$ 181.829 χ^2/NDF : 6.1/7

550.486 $\pm$ 172.863 χ^2/NDF : 12.7/9

-472.904 $\pm$ 173.078 χ^2/NDF : 6.1/8

reg_asym_atr2_rms vs slug



Right In: 379.160 $\pm$ 0.343 χ^2 /NDF: 0.0/0

Left Out: 404.722 $\pm$ 0.131 χ^2 /NDF: 9396.7/8

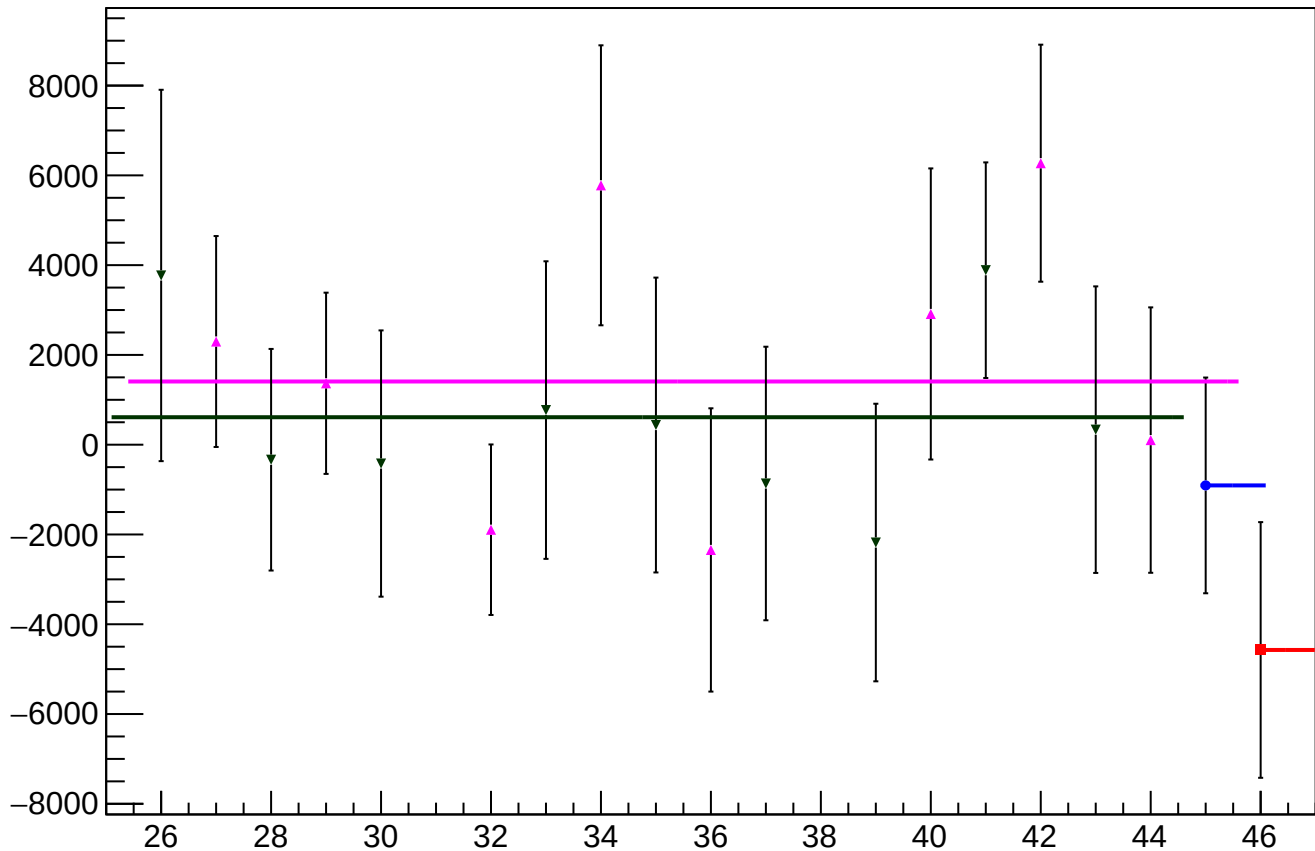
Right Out: 368.396 $\pm$ 0.399 χ^2 /NDF: 0.0/0

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.5/7

401.478 $\pm$ 0.122 χ^2 /NDF: 14242.3/9

404.041 $\pm$ 0.122 χ^2 /NDF: 57931.8/8

asym_atr2_correction_mean vs slug



Right In: -907.028+/-2403.032 χ^2/NDF : 0.0/0

Left Out: 611.983+/-998.079 χ^2/NDF : 3.8/8

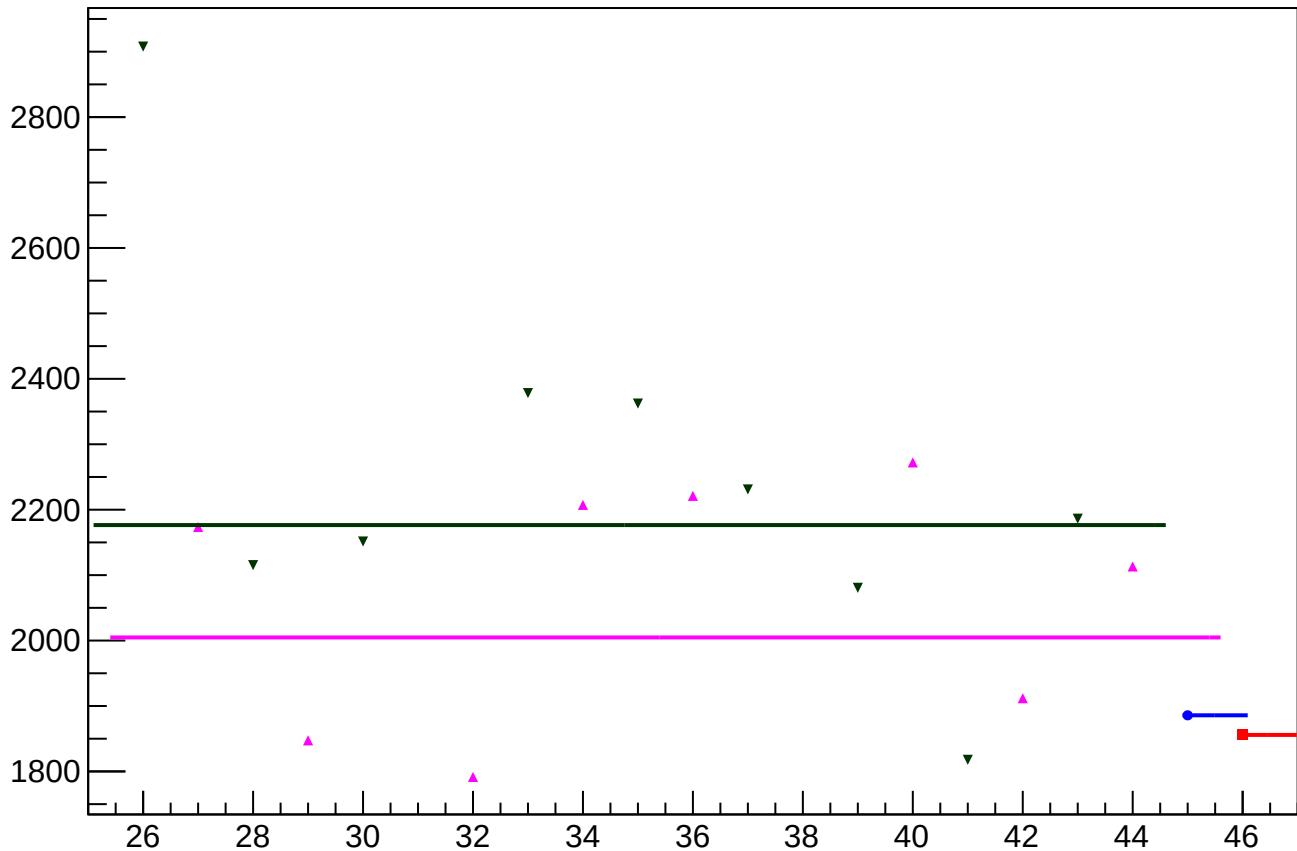
388.494+/-921.737 χ^2/NDF : 4.1/9

Right Out: -4572.828+/-2847.879 χ^2/NDF : 0.0/0

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

874.957+/-850.251 χ^2/NDF : 14.4/8

asym_atr2_correction_rms vs slug



Right In: 1885.778+/-1.699 χ^2/NDF : 0.0/0

Left Out: 2176.497+/-0.706 χ^2/NDF : 124899.3/8

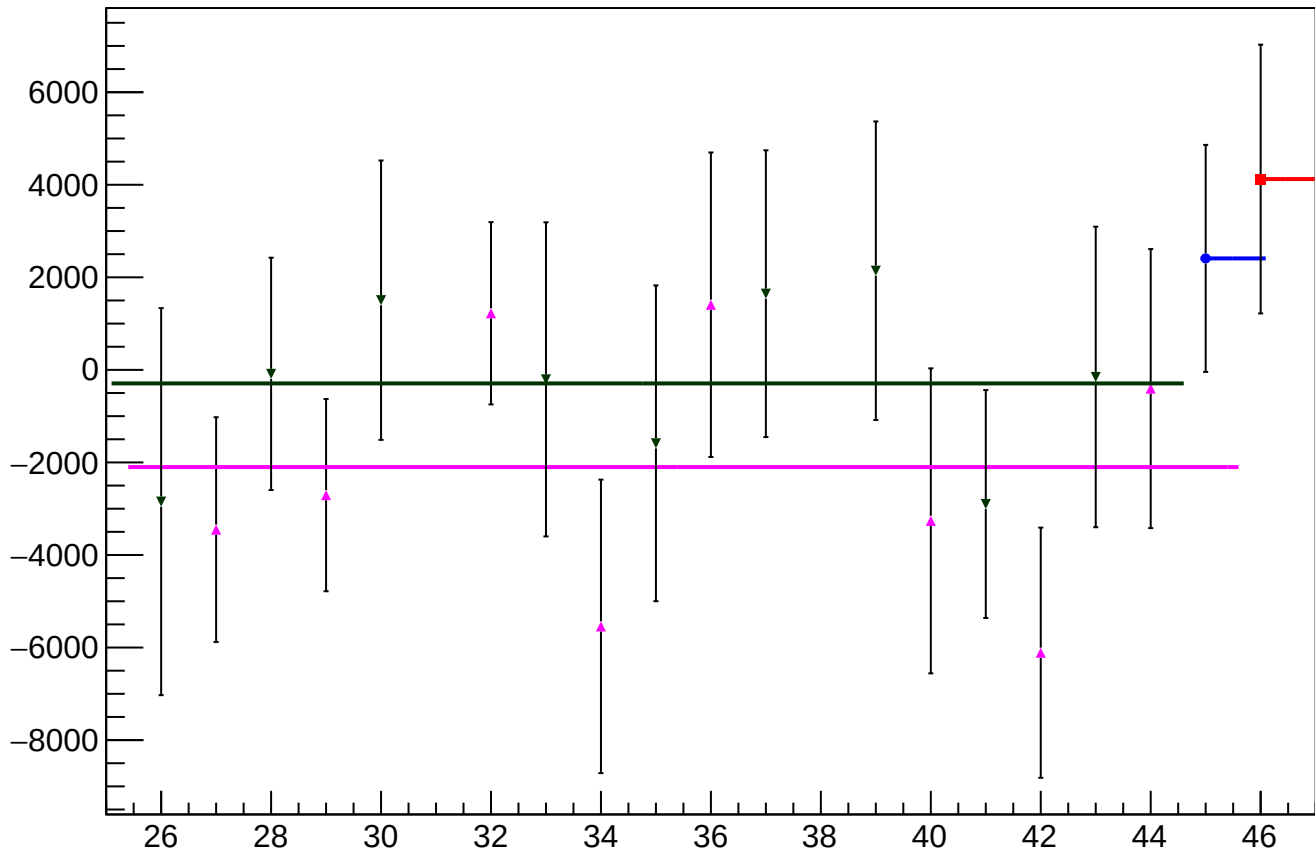
Right Out: 1855.783+/-2.014 χ^2/NDF : 0.0/0

Left In: 2004.754+/-0.630 χ^2/NDF : 84278.5/7

2133.724+/-0.652 χ^2/NDF : 149864.9/9

1991.475+/-0.601 χ^2/NDF : 89263.3/8

asym_atr2_mean vs slug



Right In: 2408.765 $\pm$ 2452.816 χ^2/NDF : 0.0/0

Left Out: -292.554 $\pm$ 1021.514 χ^2/NDF : 3.0/8

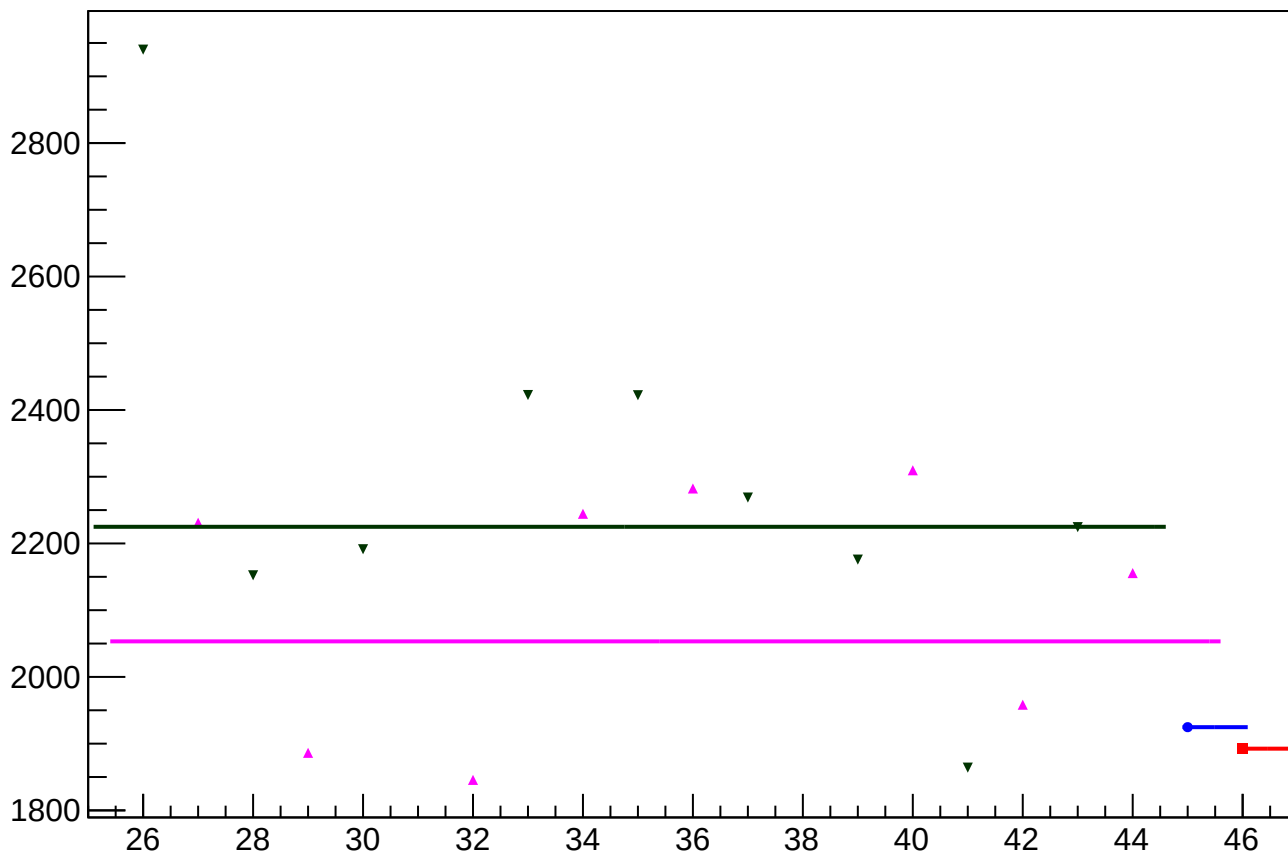
106.722 $\pm$ 943.004 χ^2/NDF : 4.0/9

Right Out: 4123.407 $\pm$ 2903.913 χ^2/NDF : 0.0/0

Left In: -2100.632 $\pm$ 916.751 χ^2/NDF : 8.2/7

-1536.542 $\pm$ 874.221 χ^2/NDF : 12.4/8

asym_atr2_rms vs slug



Right In: 1924.699+/-1.734 χ^2/NDF : 0.0/0

Left Out: 2224.962+/-0.722 χ^2/NDF :117664.9/8

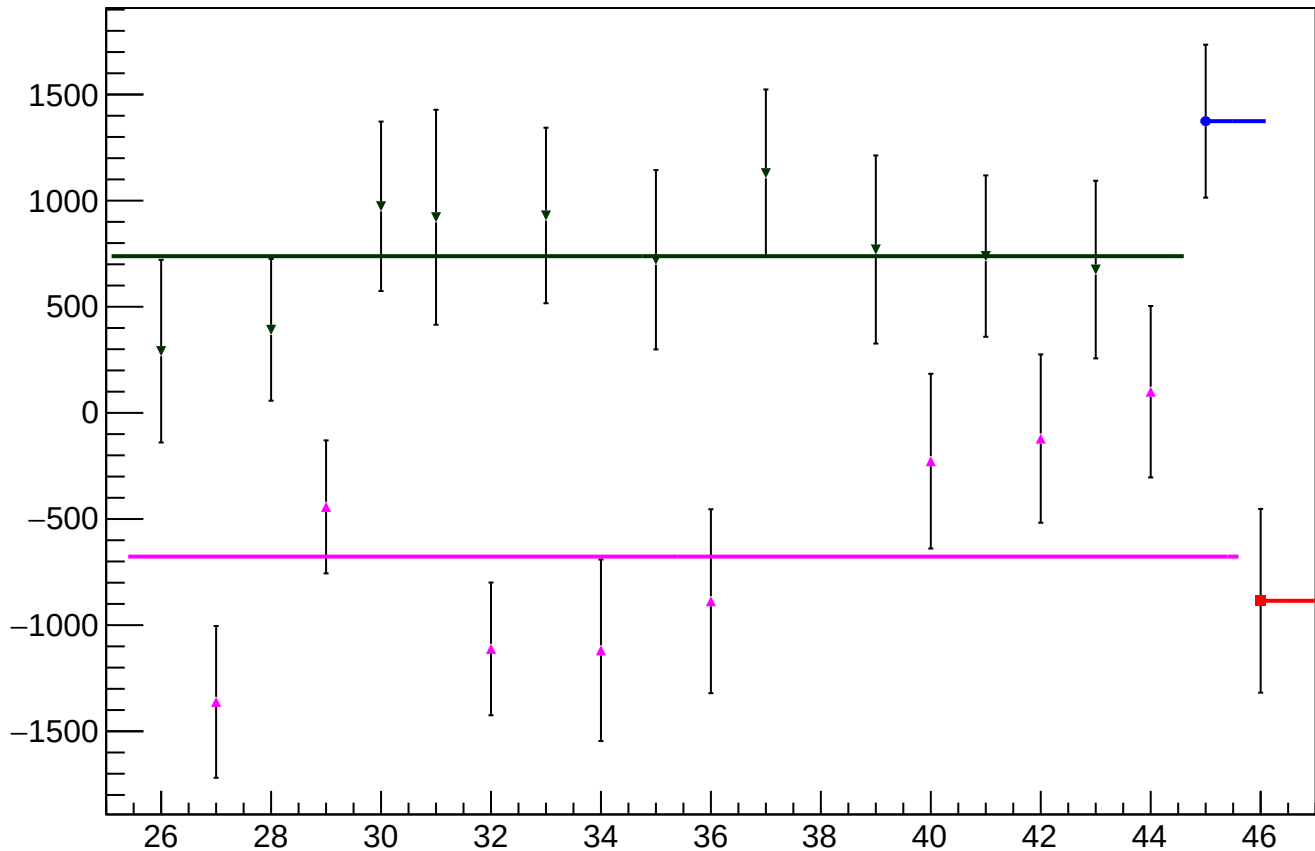
Right Out: 1892.480+/-2.053 χ^2/NDF : 0.0/0

Left In: 2053.263+/-0.648 χ^2/NDF :79708.2/7

2180.581+/-0.667 χ^2/NDF : 143206.1/9

2038.691+/-0.618 χ^2/NDF : 85283.7/8

reg_asym_atl_avg_mean vs slug



Right In: 1374.453+/-360.341 χ^2 /NDF: 0.0/0

Left Out: 738.316+/-128.954 χ^2 /NDF:3.9/9

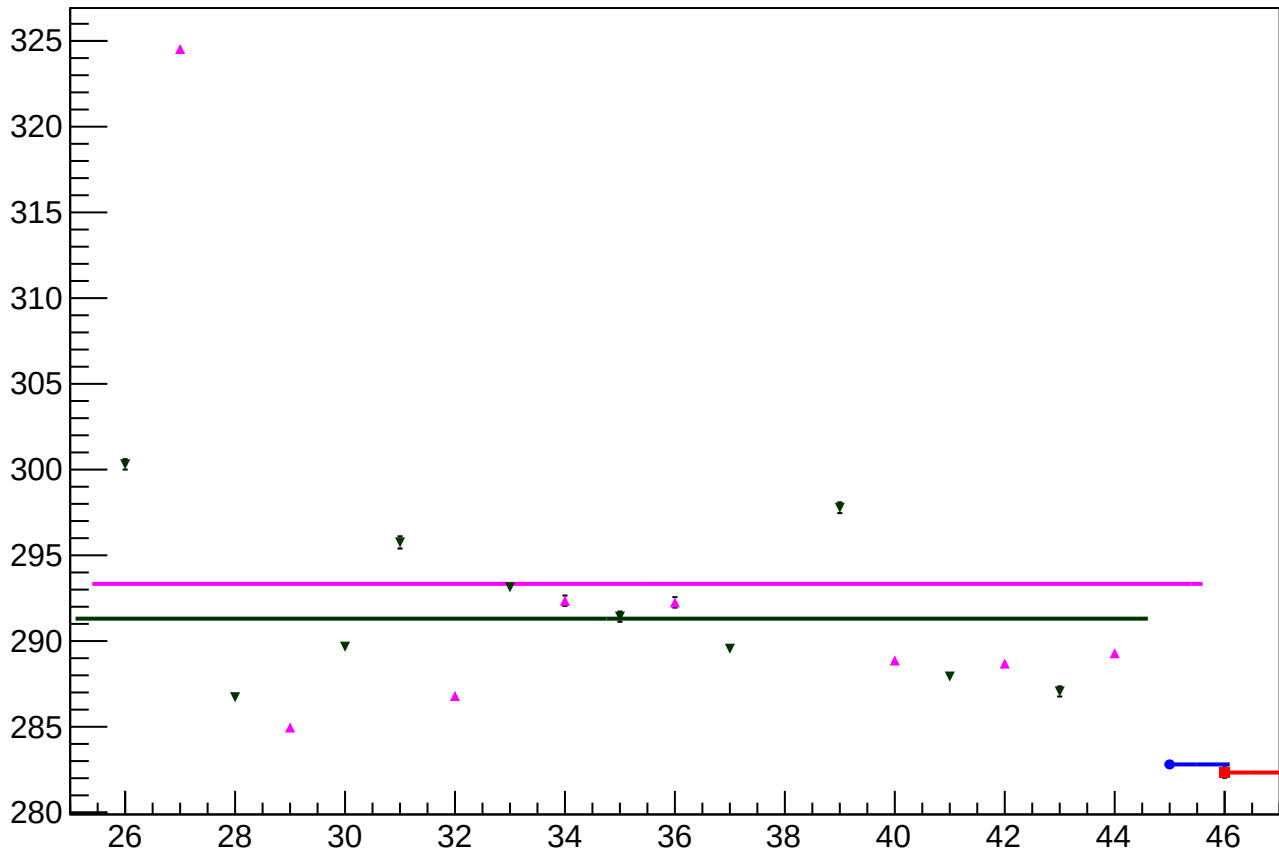
Right Out: -885.152+/-432.860 χ^2 /NDF: 0.0/0

Left In: -676.938+/-131.978 χ^2 /NDF:14.3/7

810.536+/-121.413 χ^2 /NDF: 6.6/10

-694.648+/-126.240 χ^2 /NDF: 14.5/8

reg_asym_atl_avg_rms vs slug



Right In: 282.804+/-0.255 χ^2/NDF : 0.0/0

Left Out: 291.305+/-0.091 χ^2/NDF :2308.5/9

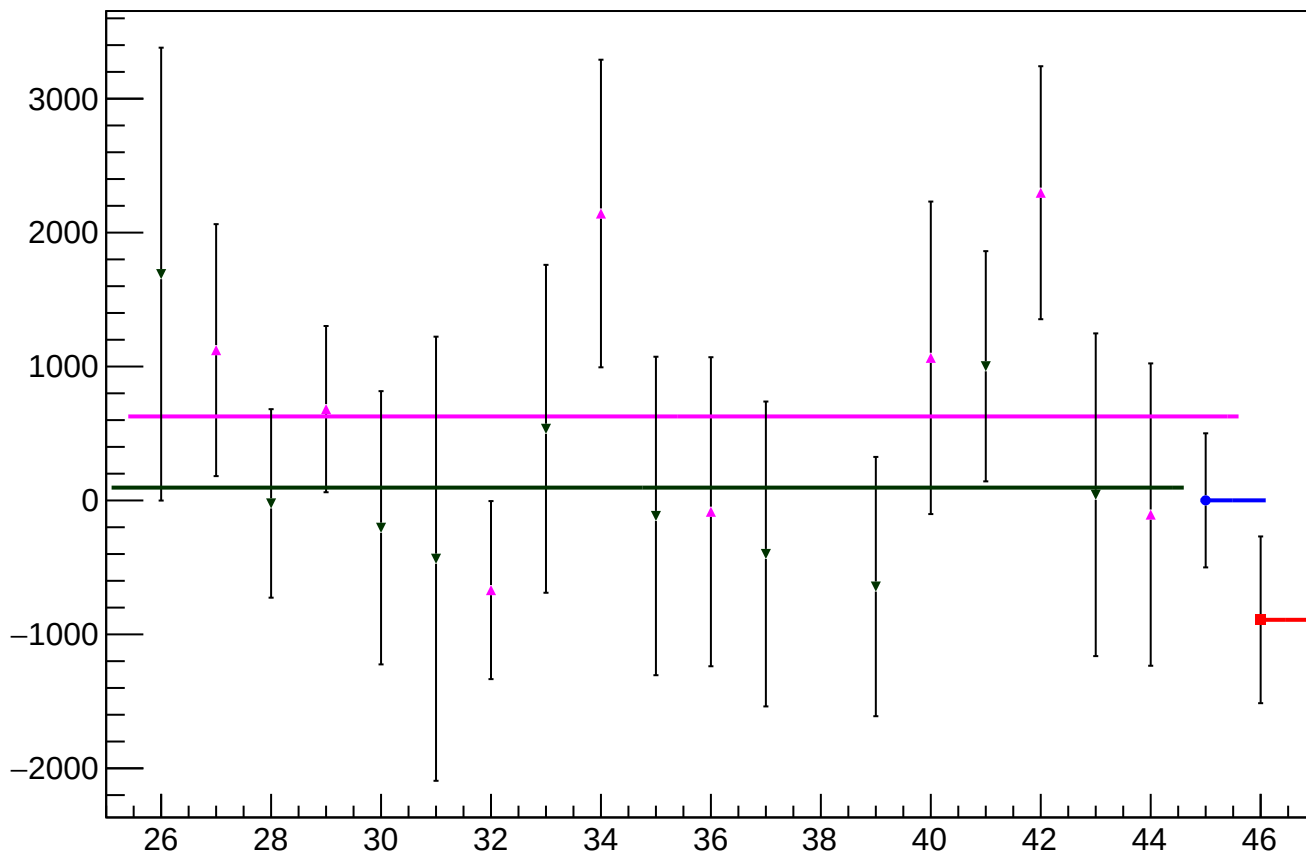
290.340+/-0.086 χ^2/NDF : 3295.3/10

Right Out: 282.330+/-0.306 χ^2/NDF : 0.0/0

292.399+/-0.089 χ^2/NDF : 19438.6/8

Left In: 293.335+/-0.093 χ^2/NDF :18255.8/7

asym_atl_avg_correction_mean vs slug



Right In: 0.806+/-500.596 χ^2/NDF : 0.0/0

Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

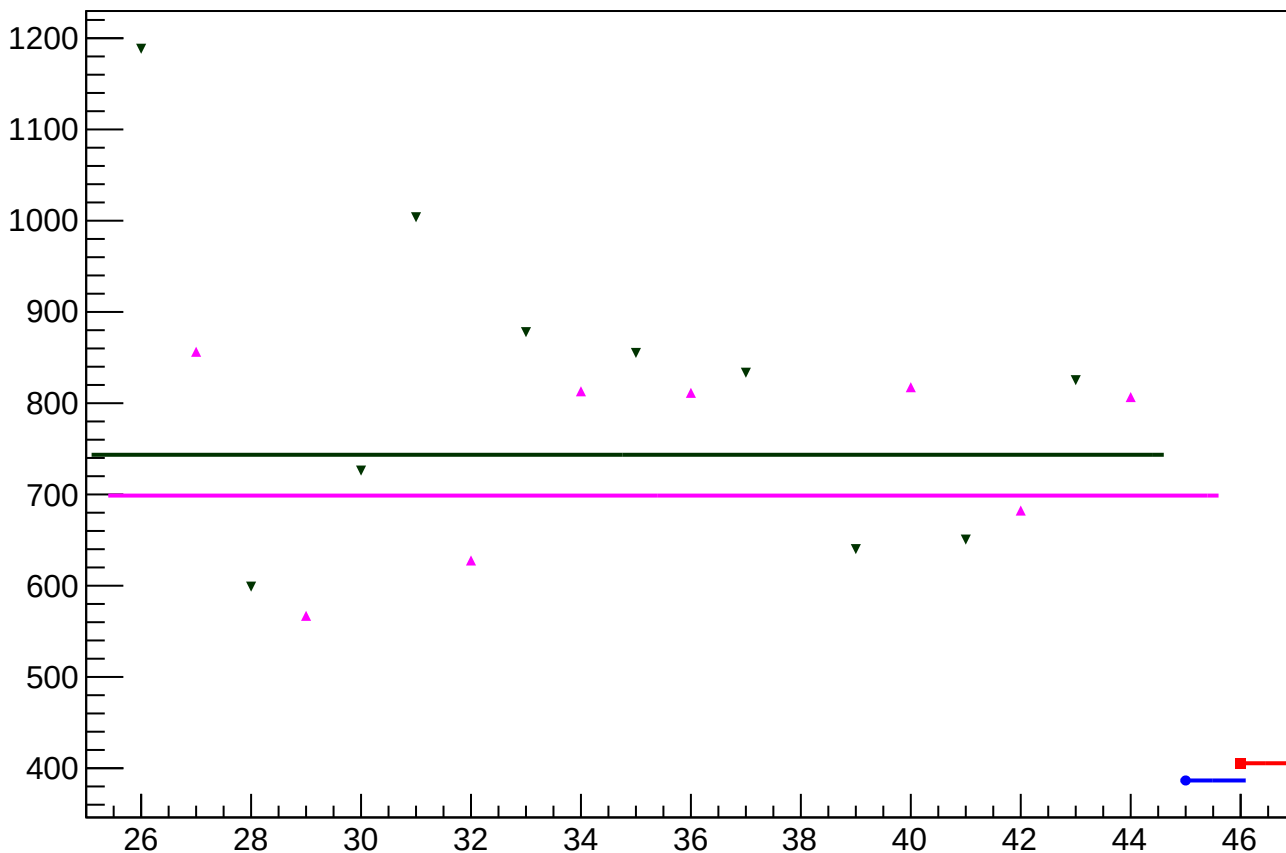
Right Out: -891.242+/-622.540 χ^2/NDF : 0.0/0

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

66.613+/-278.000 χ^2/NDF : 3.2/10

319.304+/-280.395 χ^2/NDF : 14.6/8

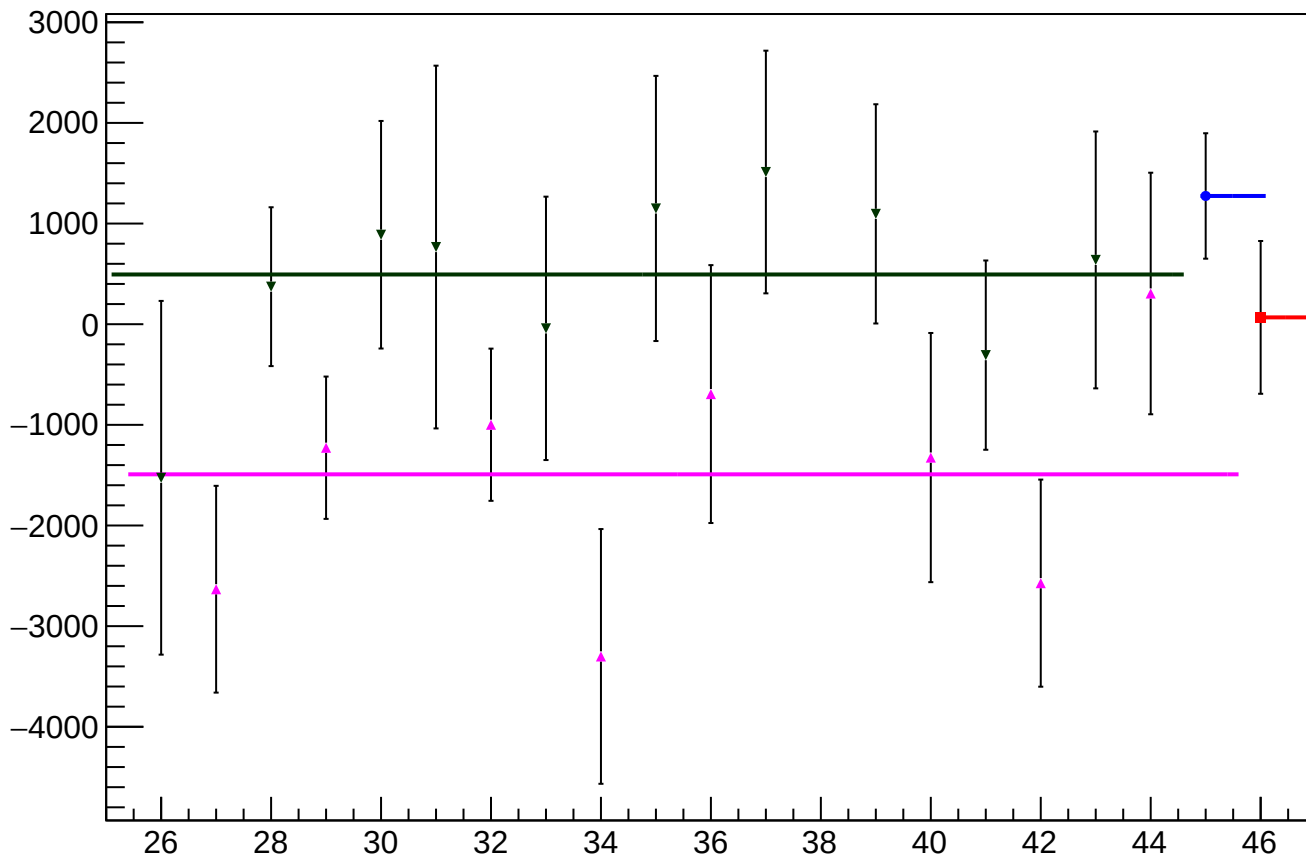
asym_atl_avg_correction_rms vs slug



Right In: 386.556+/-0.354 χ^2/NDF : 0.0/0
 Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9
 Right Out: 405.435+/-0.440 χ^2/NDF : 0.0/0
 Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

633.405+/-0.197 χ^2/NDF : 1085450.9/10
 639.263+/-0.198 χ^2/NDF : 601620.4/8

asym_atl_avg_mean vs slug



Right In: 1274.073 $\pm$ 623.140 χ^2/NDF : 0.0/0

Left Out: 494.045 $\pm$ 366.212 χ^2/NDF : 3.7/9

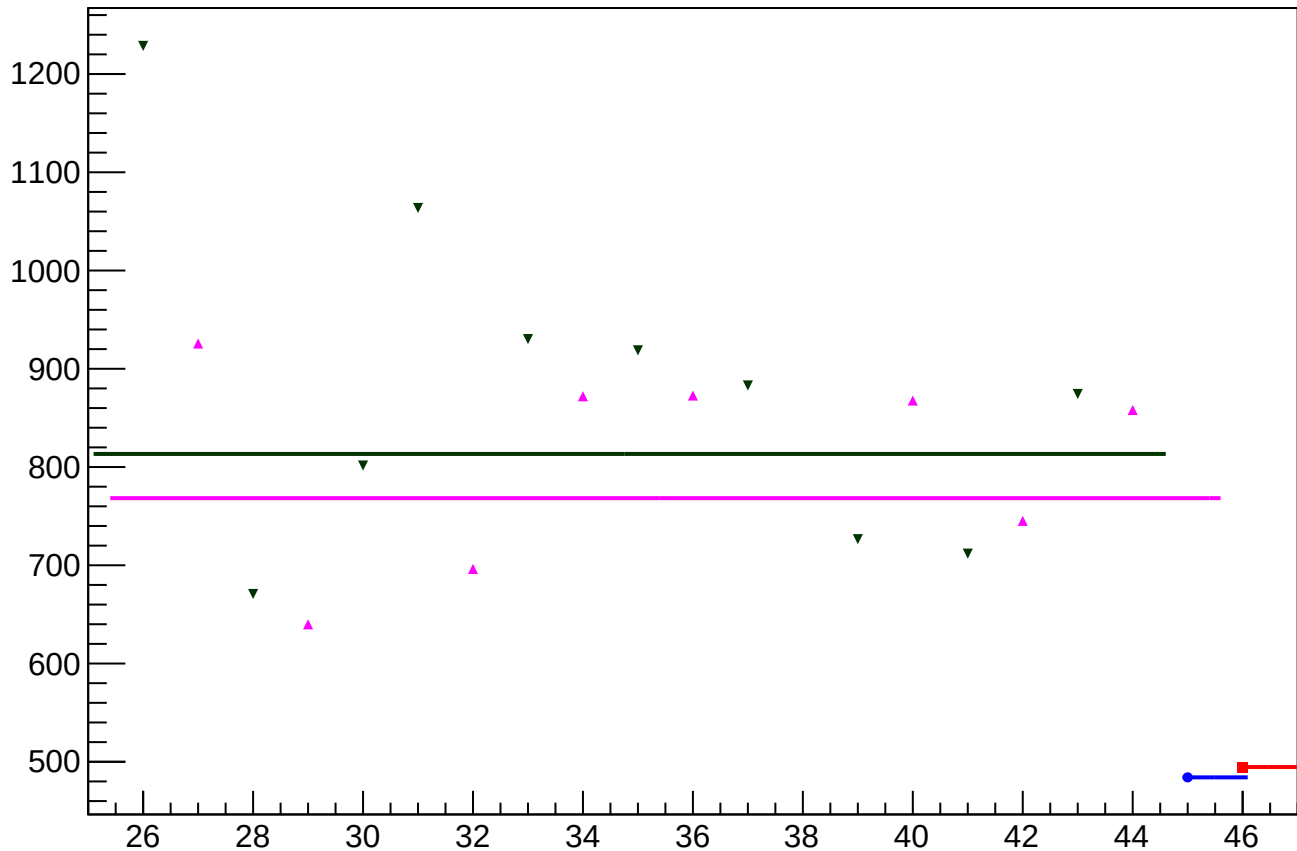
Right Out: 67.680 $\pm$ 759.013 χ^2/NDF : 0.0/0

Left In: -1491.627 $\pm$ 348.747 χ^2/NDF : 7.6/7

694.289 $\pm$ 315.726 χ^2/NDF : 4.8/10

-1219.815 $\pm$ 316.896 χ^2/NDF : 11.1/8

asym_atl_avg_rms vs slug



Right In: 484.138+/-0.441 χ^2/NDF : 0.0/0

Left Out: 813.323+/-0.259 χ^2/NDF :291804.3/9

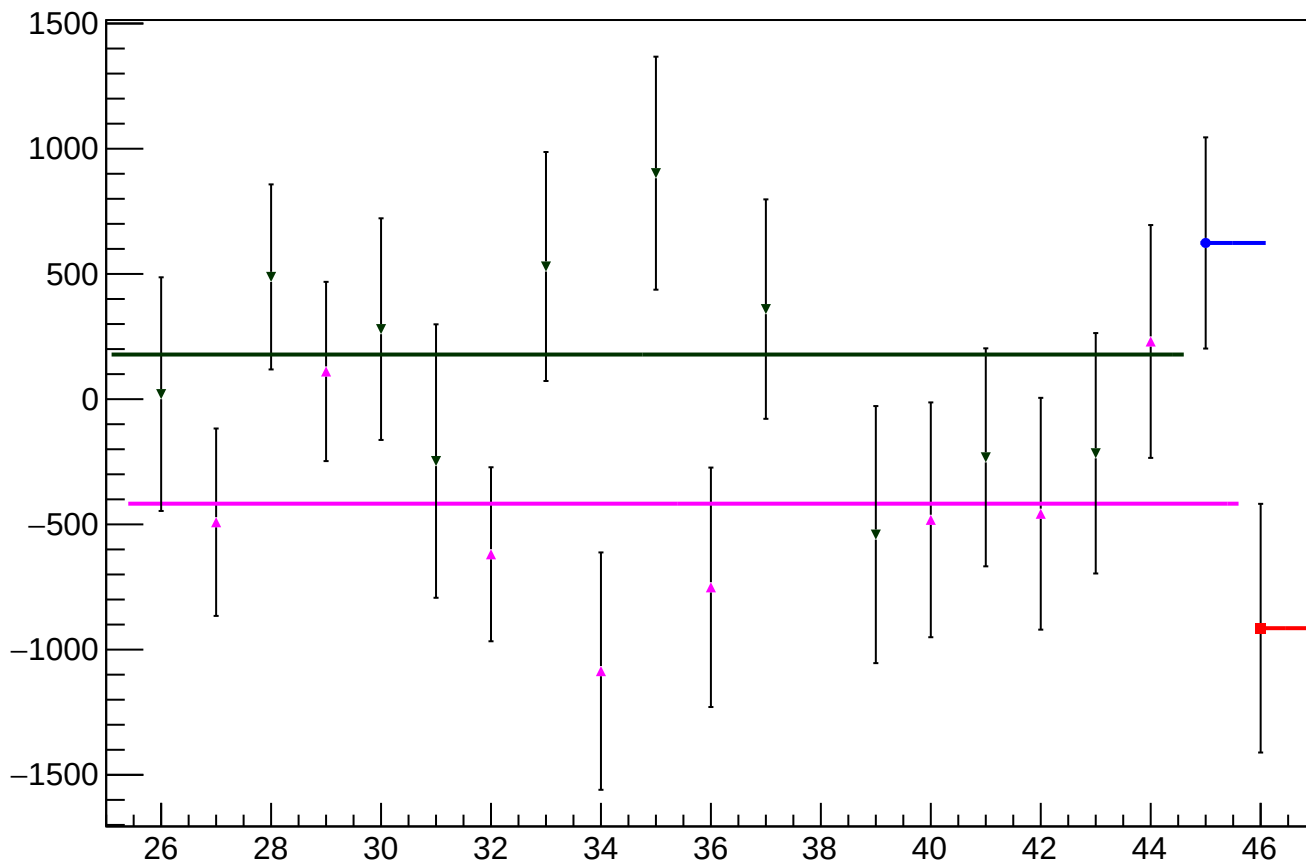
Right Out: 494.669+/-0.537 χ^2/NDF : 0.0/0

Left In: 768.326+/-0.247 χ^2/NDF :182845.3/7

728.817+/-0.223 χ^2/NDF : 706657.3/10

720.623+/-0.224 χ^2/NDF : 397509.1/8

reg_asym_atl_dd_mean vs slug



Right In: 623.713+/-421.633 χ^2/NDF : 0.0/0

Left Out: 178.217+/-143.718 χ^2/NDF : 8.2/9

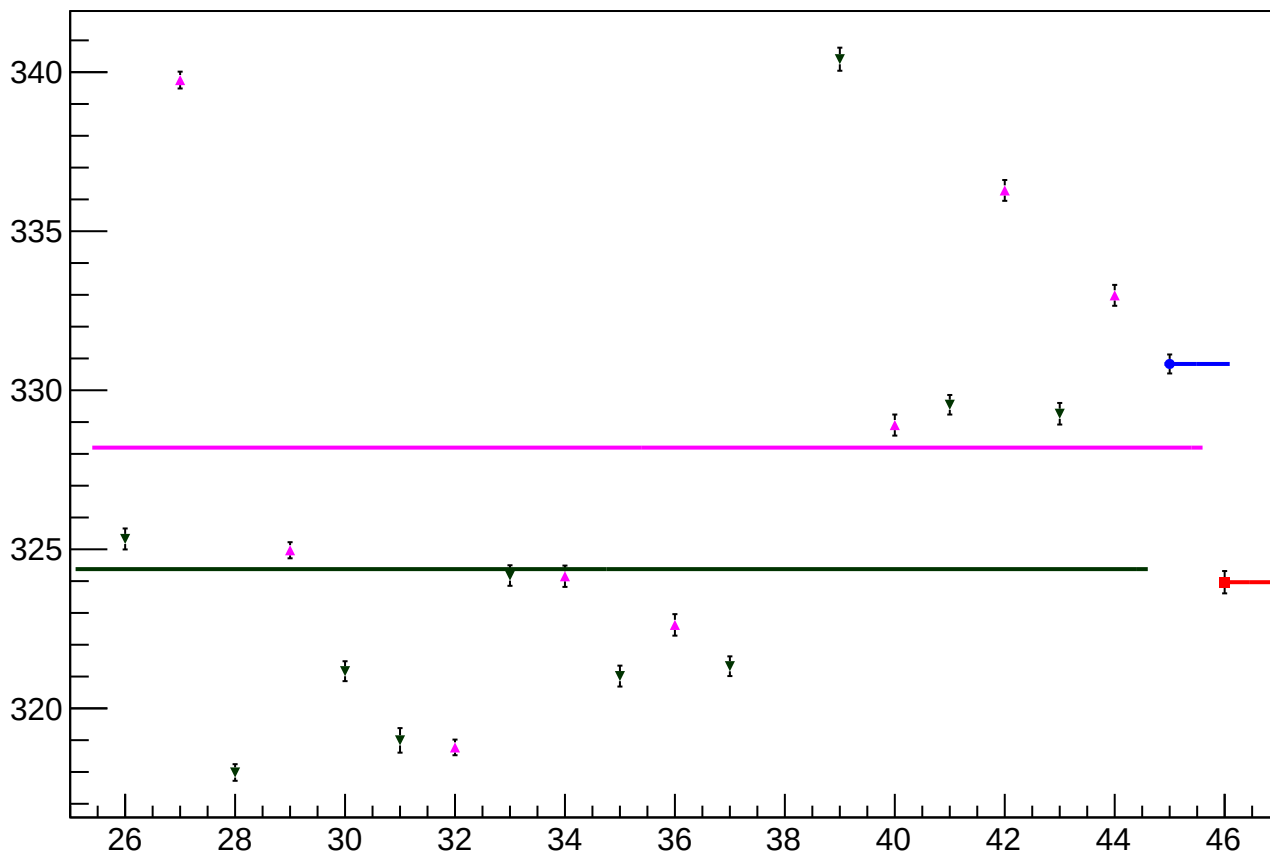
Right Out: -914.415+/-496.493 χ^2/NDF : 0.0/0

Left In: -417.319+/-147.577 χ^2/NDF : 7.0/7

224.589+/-136.032 χ^2/NDF : 9.2/10

-457.673+/-141.460 χ^2/NDF : 7.9/8

reg_asym_atl_dd_rms vs slug



Right In: 330.827 ± 0.298 χ^2/NDF : 0.0/0

Left Out: 324.377 ± 0.102 χ^2/NDF : 3549.0/9

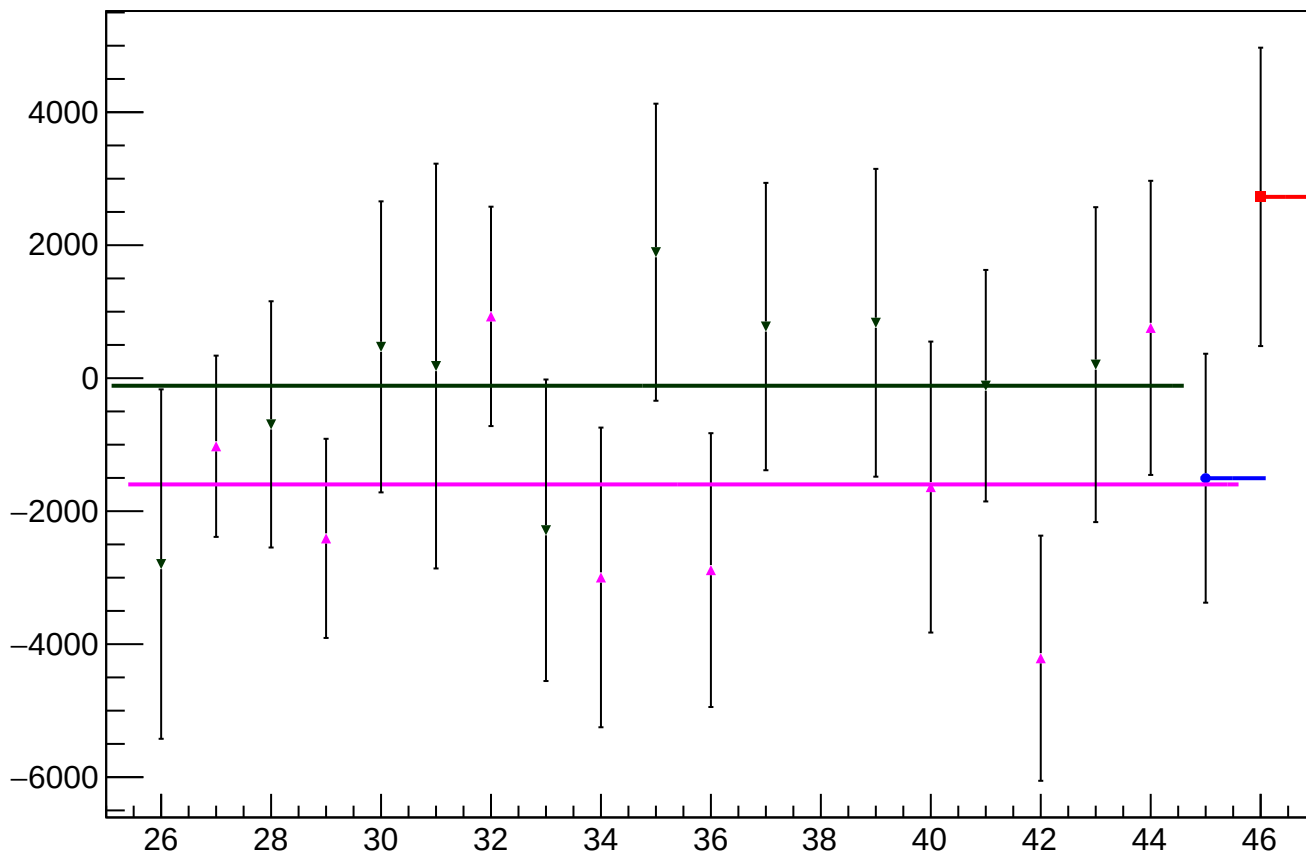
Right Out: 323.966 ± 0.351 χ^2/NDF : 0.0/0

Left In: 328.197 ± 0.104 χ^2/NDF : 4786.7/7

325.049 ± 0.096 χ^2/NDF : 3968.2/10

327.854 ± 0.100 χ^2/NDF : 4920.1/8

asym_atl_dd_correction_mean vs slug



Right In: -1504.300+/-1871.982 χ^2/NDF : 0.0/0

Left Out: -113.667+/-697.189 χ^2/NDF : 3.3/9

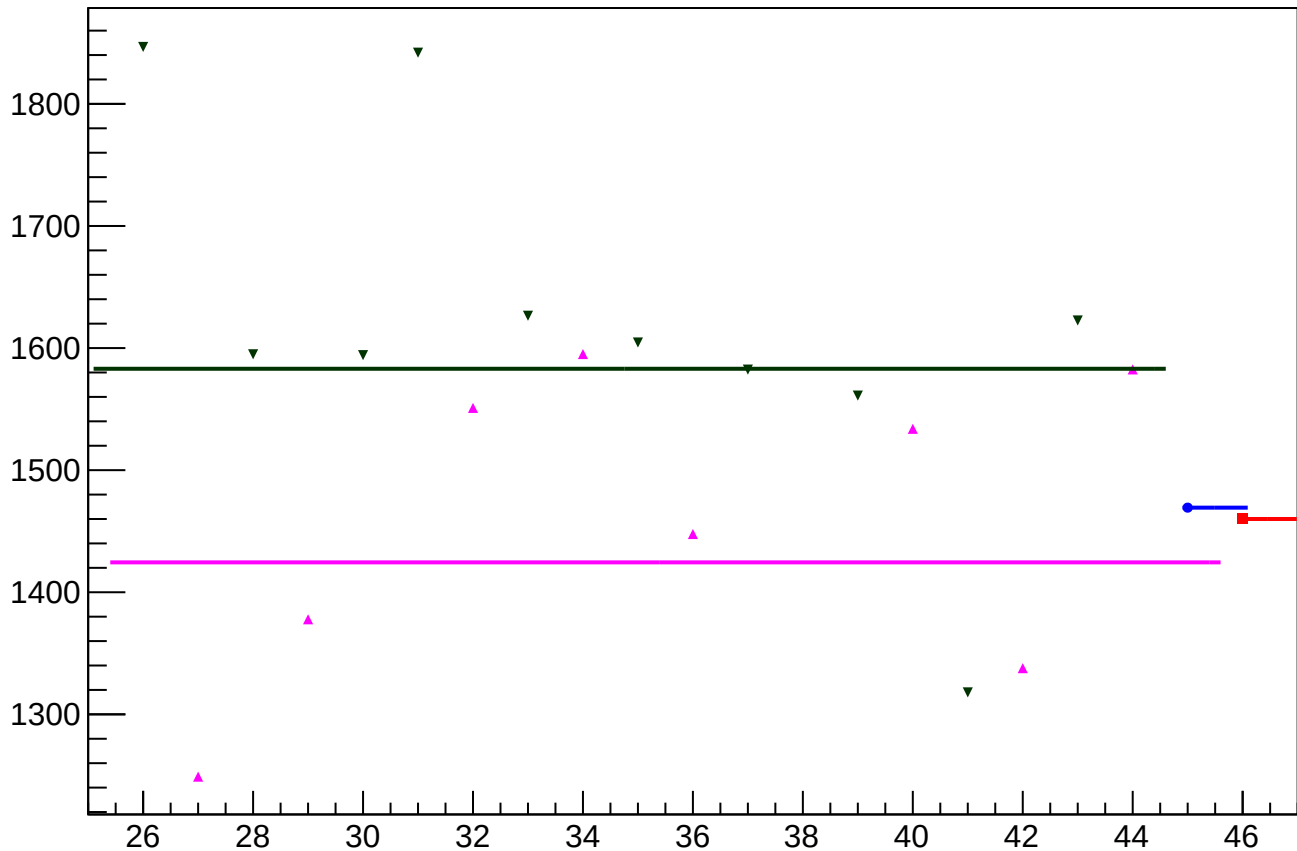
Right Out: 2726.765+/-2243.782 χ^2/NDF : 0.0/0

Left In: -1597.547+/-633.459 χ^2/NDF : 6.7/7

-283.061+/-653.348 χ^2/NDF : 3.8/10

-1278.328+/-609.630 χ^2/NDF : 10.2/8

asym_atl_dd_correction_rms vs slug



Right In: 1469.297+/-1.324 χ^2/NDF : 0.0/0

Left Out: 1583.049+/-0.493 χ^2/NDF : 82755.6/9

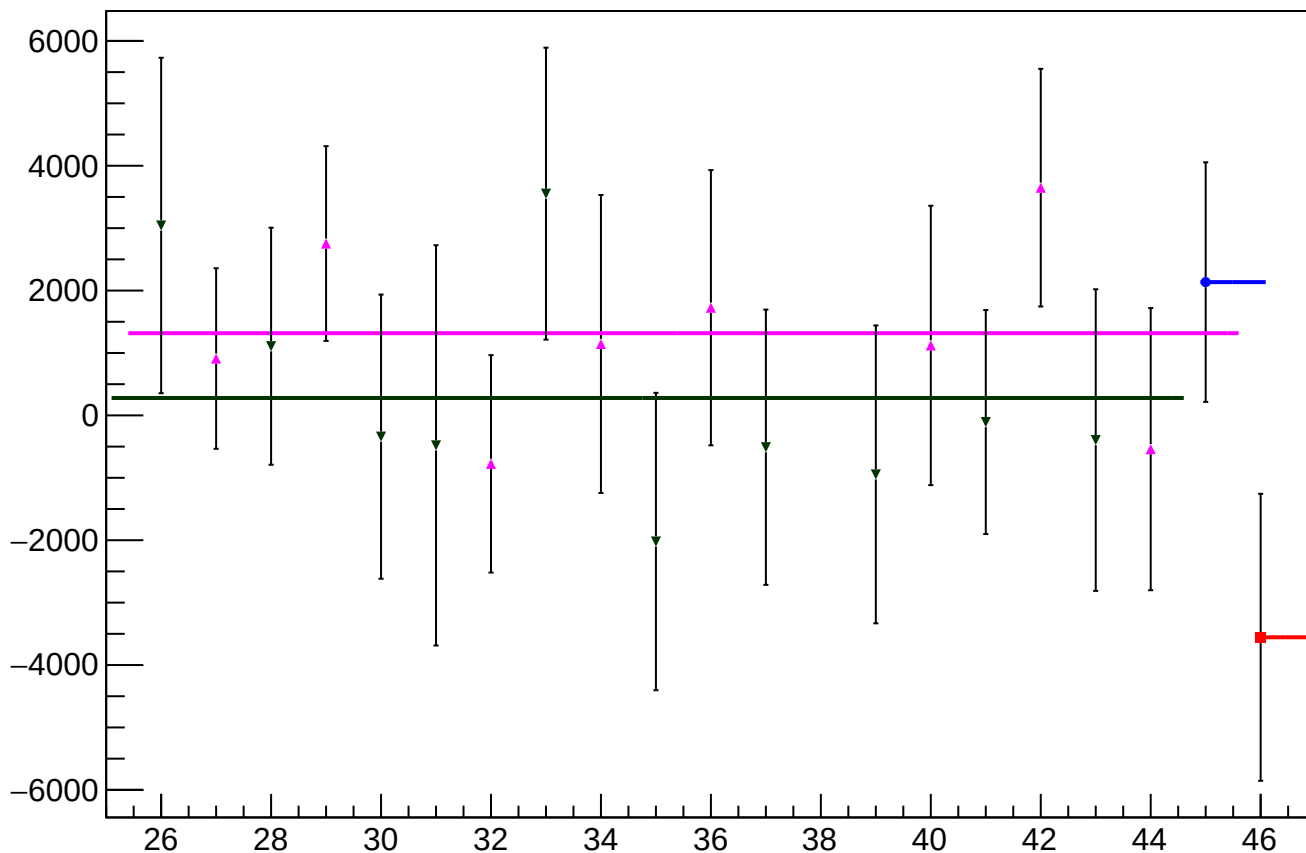
Right Out: 1460.010+/-1.587 χ^2/NDF : 0.0/0

Left In: 1424.479+/-0.448 χ^2/NDF : 78214.9/7

1569.193+/-0.462 χ^2/NDF : 89241.0/10

1427.102+/-0.431 χ^2/NDF : 78679.4/8

asym_atl_dd_mean vs slug



Right In: 2135.440+/-1919.195 χ^2/NDF : 0.0/0

Left Out: 278.907+/-720.229 χ^2/NDF : 4.8/9

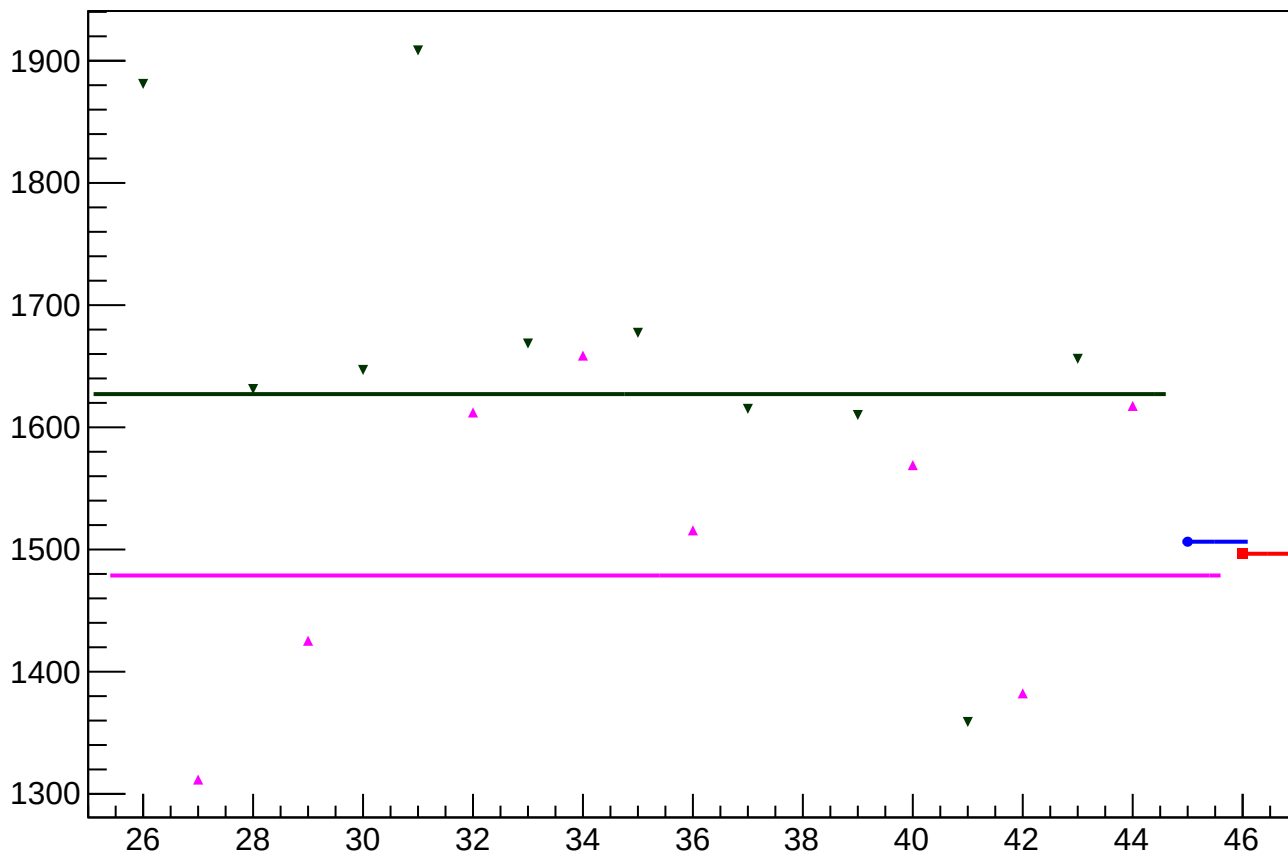
Right Out: -3555.605+/-2299.231 χ^2/NDF : 0.0/0

Left In: 1317.055+/-663.629 χ^2/NDF : 4.6/7

508.091+/-674.310 χ^2/NDF : 5.6/10

942.341+/-637.601 χ^2/NDF : 8.7/8

asym_atl_dd_rms vs slug



Right In: 1506.390+/-1.357 χ^2/NDF : 0.0/0

Left Out: 1627.194+/-0.509 χ^2/NDF : 80064.9/9

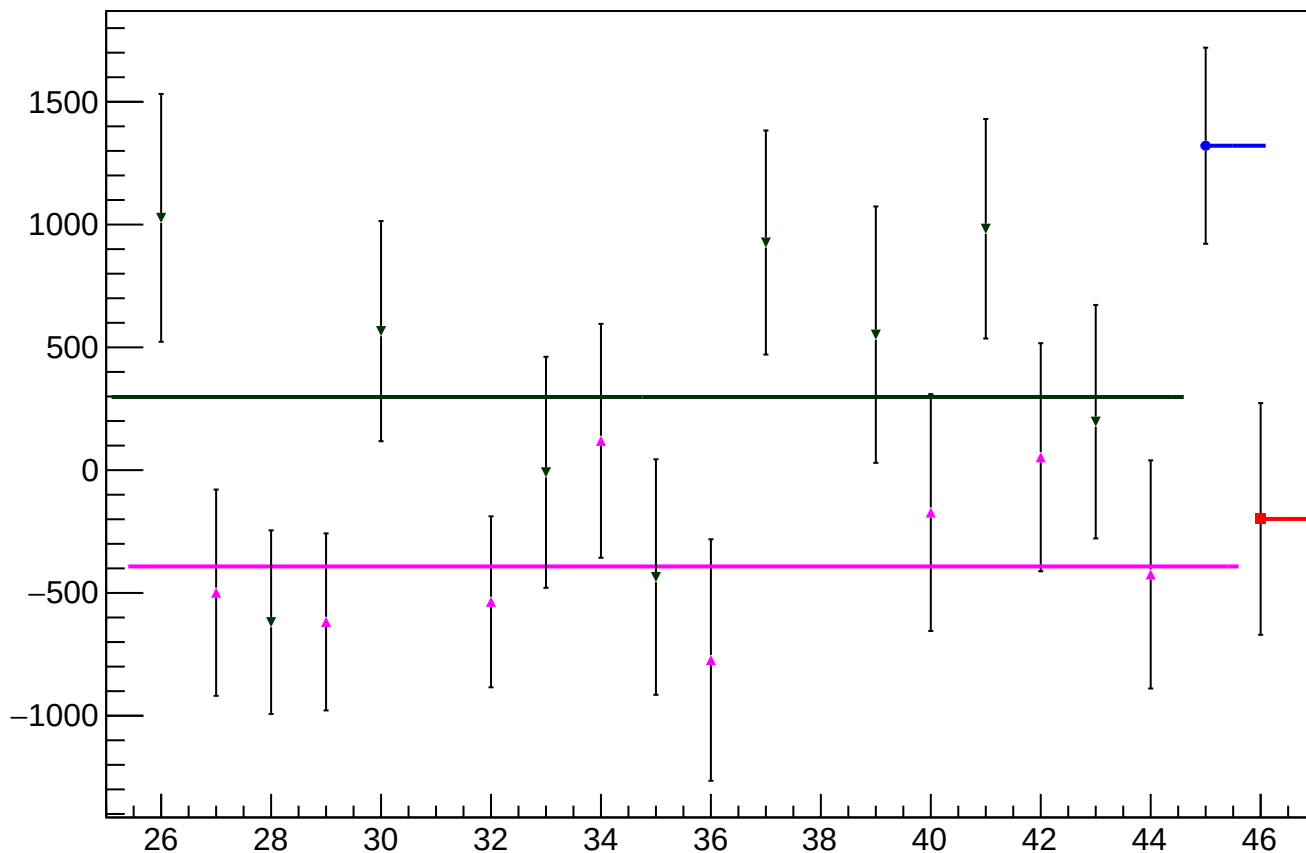
Right Out: 1496.537+/-1.626 χ^2/NDF : 0.0/0

Left In: 1478.747+/-0.469 χ^2/NDF : 68597.0/7

1612.281+/-0.477 χ^2/NDF : 87010.9/10

1480.115+/-0.451 χ^2/NDF : 68707.6/8

reg_asym_atr_avg_mean vs slug



Right In: 1321.076+/-399.299 χ^2/NDF : 0.0/0

Left Out: 297.955+/-152.800 χ^2/NDF :15.8/8

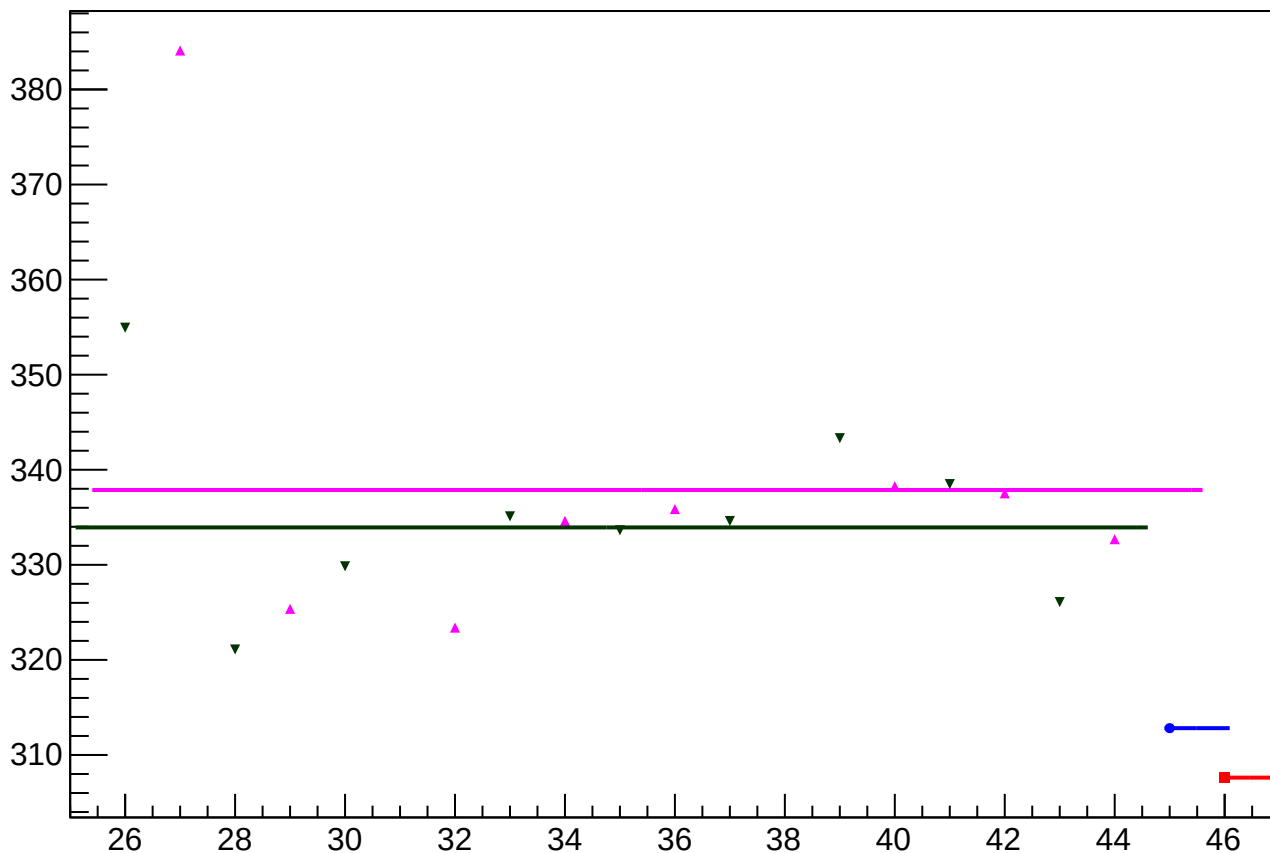
Right Out: -198.680+/-471.714 χ^2/NDF : 0.0/0

Left In: -392.029+/-151.208 χ^2/NDF :3.5/7

428.641+/-142.708 χ^2/NDF : 21.5/9

-374.013+/-143.991 χ^2/NDF : 3.7/8

reg_asym_atr_avg_rms vs slug



Right In: 312.822+/-0.282 χ^2/NDF : 0.0/0

Left Out: 333.934+/-0.108 χ^2/NDF : 7408.6/8

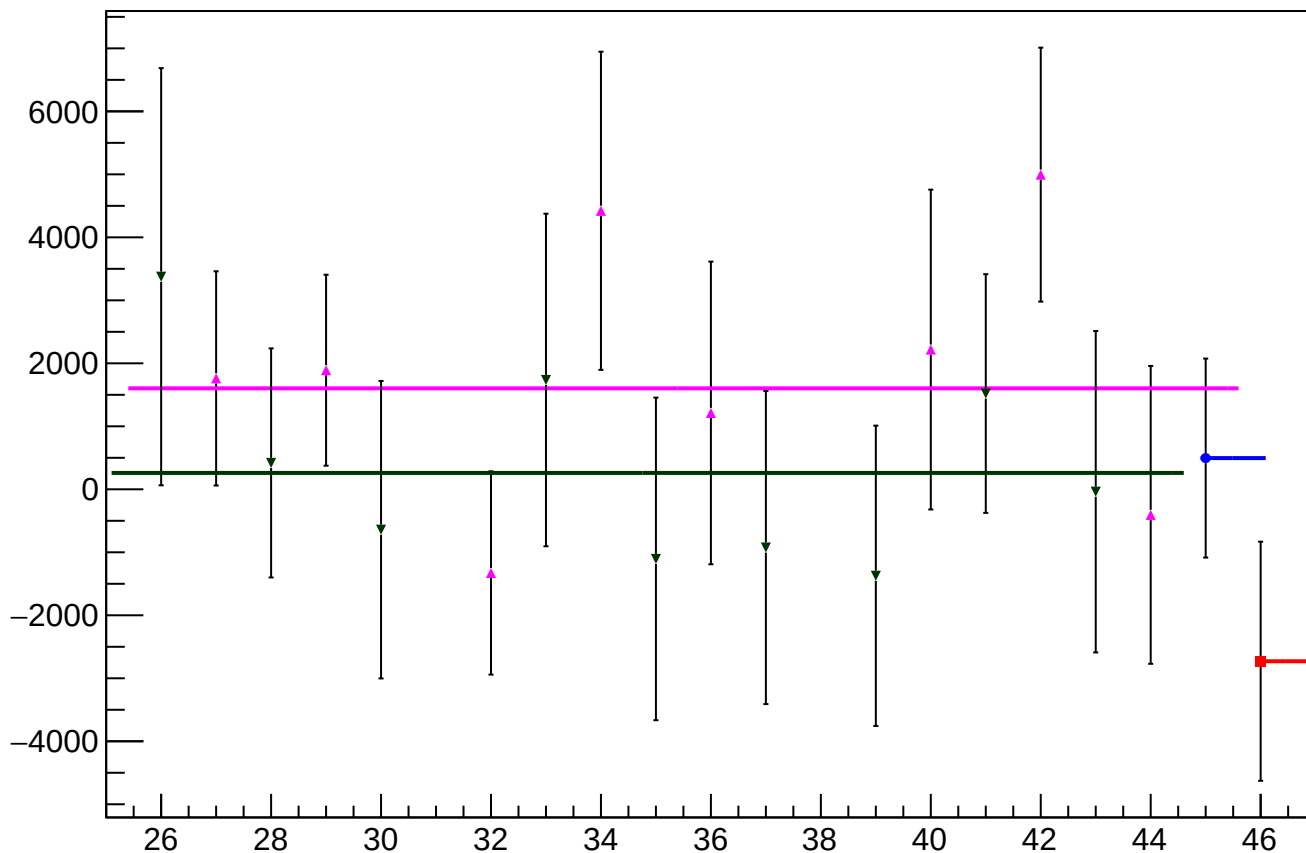
Right Out: 307.618+/-0.334 χ^2/NDF : 0.0/0

Left In: 337.870+/-0.107 χ^2/NDF : 30461.2/7

331.237+/-0.101 χ^2/NDF : 12285.4/9

335.052+/-0.102 χ^2/NDF : 37920.9/8

asym_atr_avg_correction_mean vs slug



Right In: 495.713+/-1579.640 χ^2/NDF : 0.0/0

Left Out: 260.094+/-781.083 χ^2/NDF : 2.8/8

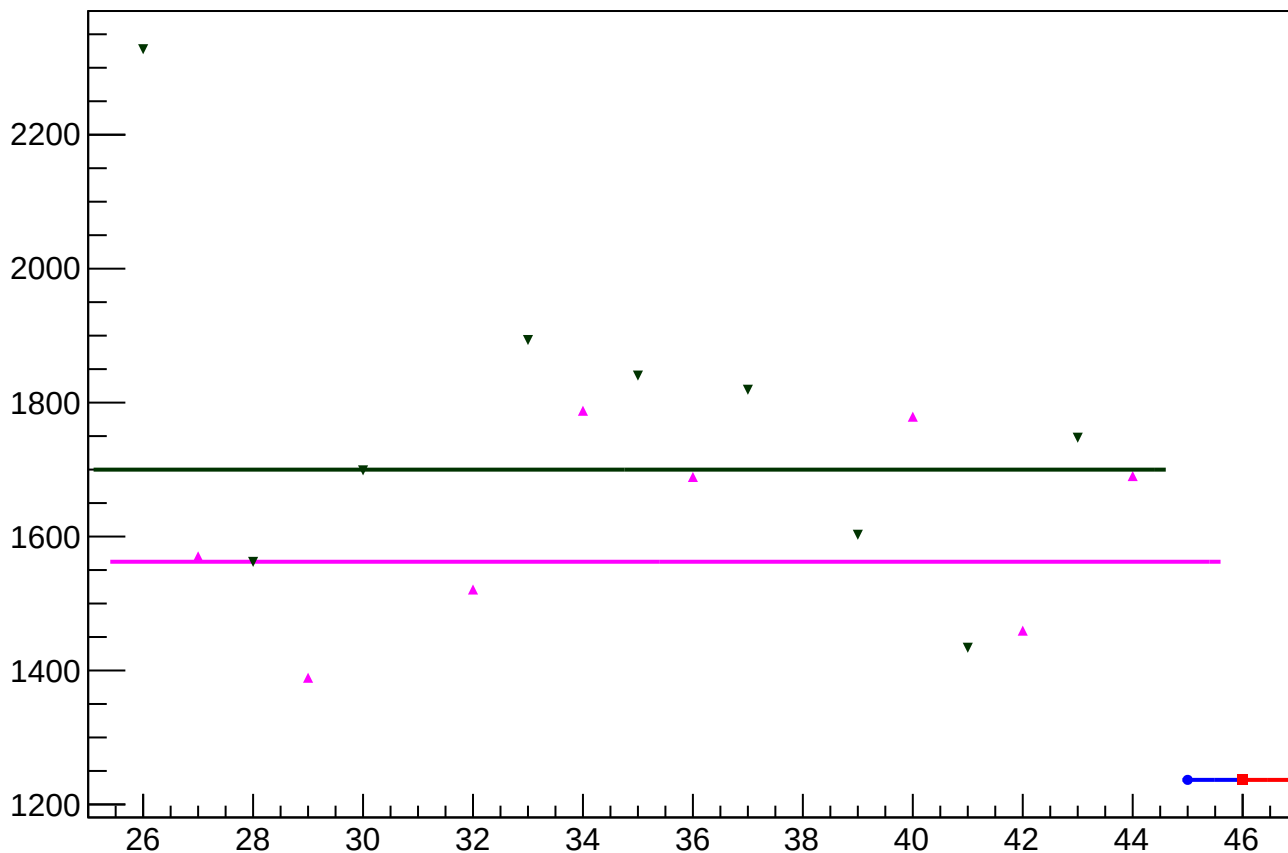
Right Out: -2729.580+/-1897.899 χ^2/NDF : 0.0/0

Left In: 1602.732+/-694.176 χ^2/NDF : 8.2/7

306.385+/-700.164 χ^2/NDF : 2.8/9

1091.540+/-651.936 χ^2/NDF : 12.8/8

asym_atr_avg_correction_rms vs slug



Right In: 1236.677+/-1.117 χ^2/NDF : 0.0/0

Left Out: 1699.916+/-0.552 χ^2/NDF :148167.9/8

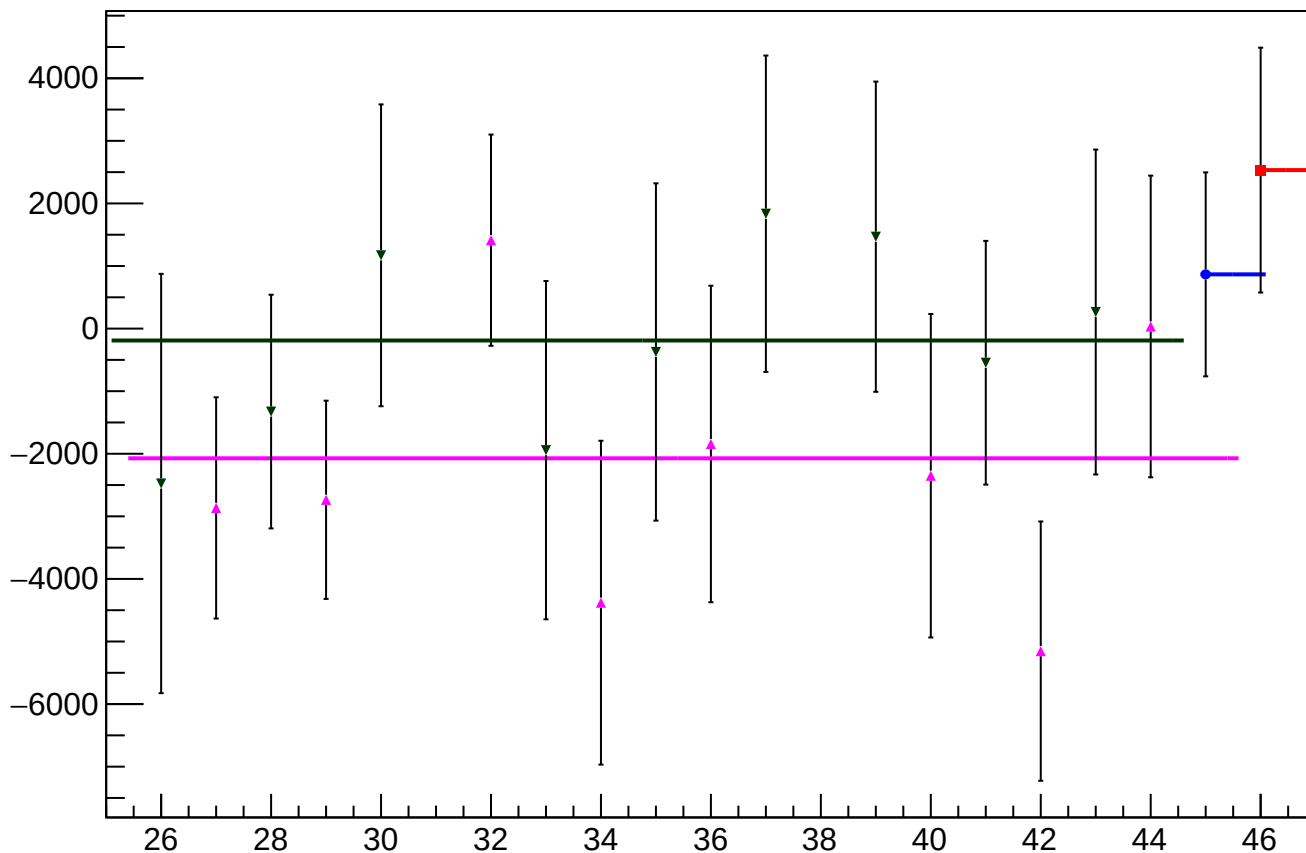
Right Out: 1236.634+/-1.342 χ^2/NDF : 0.0/0

Left In: 1562.377+/-0.491 χ^2/NDF :74597.0/7

1608.906+/-0.495 χ^2/NDF : 286374.7/9

1523.941+/-0.461 χ^2/NDF : 126561.1/8

asym_atr_avg_mean vs slug



Right In: 866.659+/-1629.508 χ^2/NDF : 0.0/0

Left Out: -189.957+/-802.163 χ^2/NDF : 2.7/8

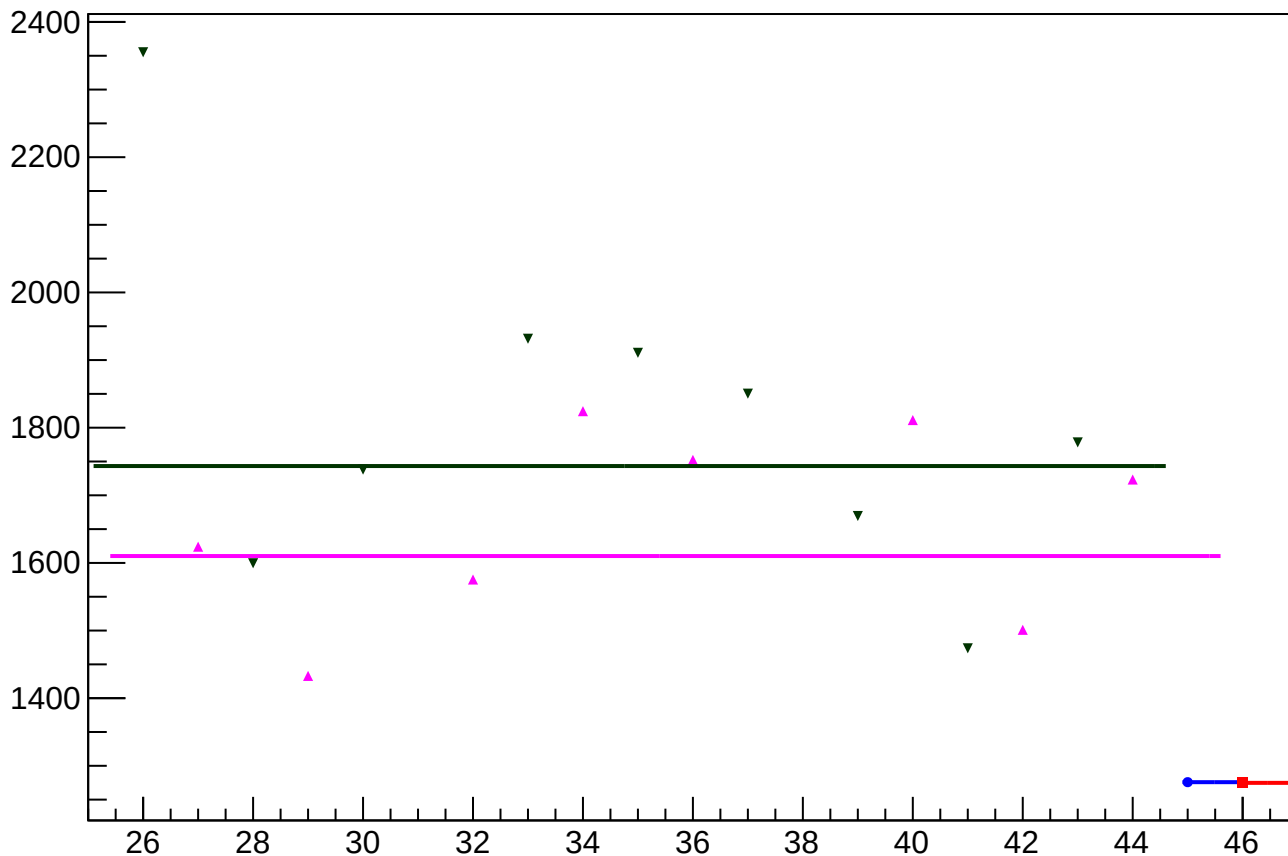
Right Out: 2532.786+/-1956.191 χ^2/NDF : 0.0/0

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

16.149+/-719.687 χ^2/NDF : 3.1/9

-1523.473+/-675.477 χ^2/NDF : 13.3/8

asym_atr_avg_rms vs slug



Right In: 1275.800+/-1.152 χ^2/NDF : 0.0/0

Left Out: 1743.280+/-0.567 χ^2/NDF :140061.2/8

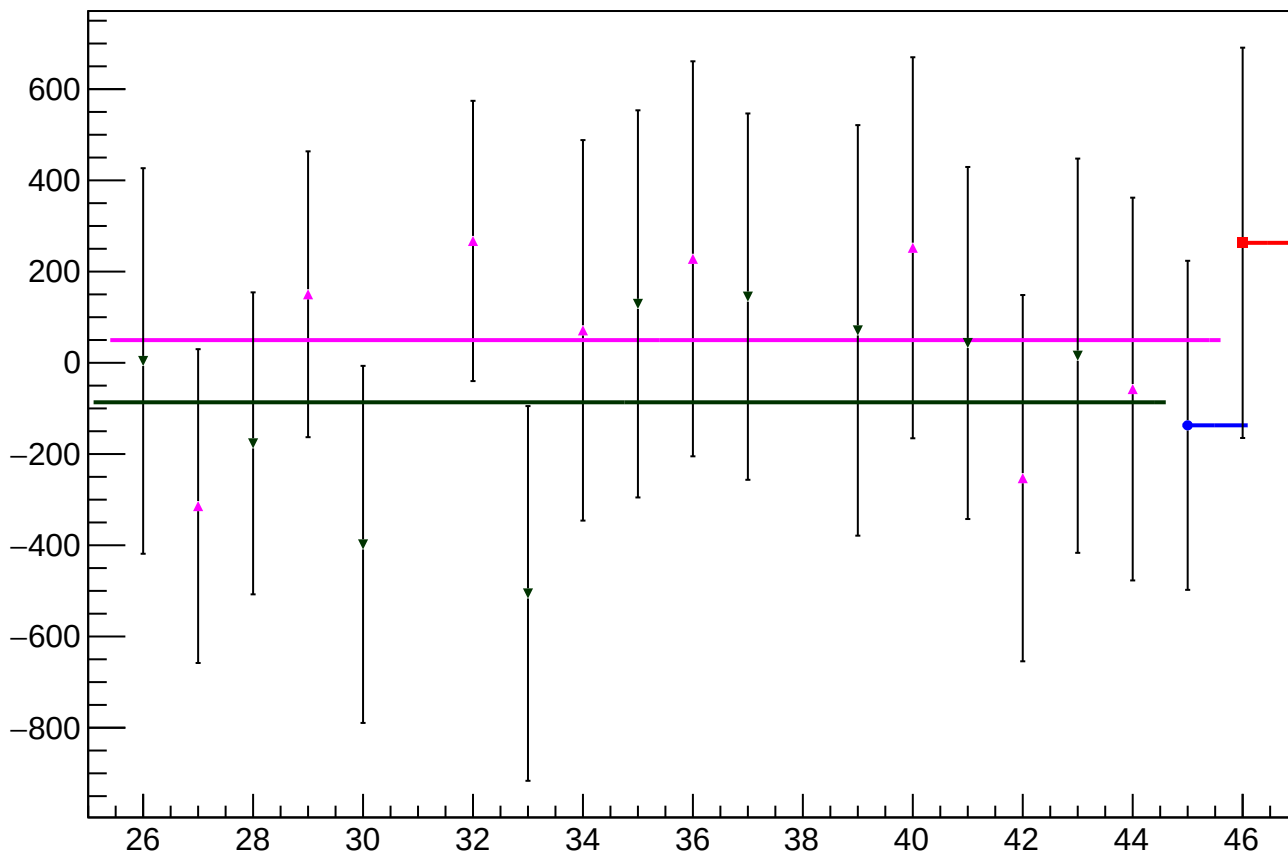
Right Out: 1274.775+/-1.383 χ^2/NDF : 0.0/0

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1652.092+/-0.509 χ^2/NDF : 272557.7/9

1570.204+/-0.478 χ^2/NDF : 119896.7/8

reg_asym_atr_dd_mean vs slug



Right In: -137.041+/-360.701 χ^2/NDF : 0.0/0

Left Out: -86.539+/-133.704 χ^2/NDF : 2.7/8

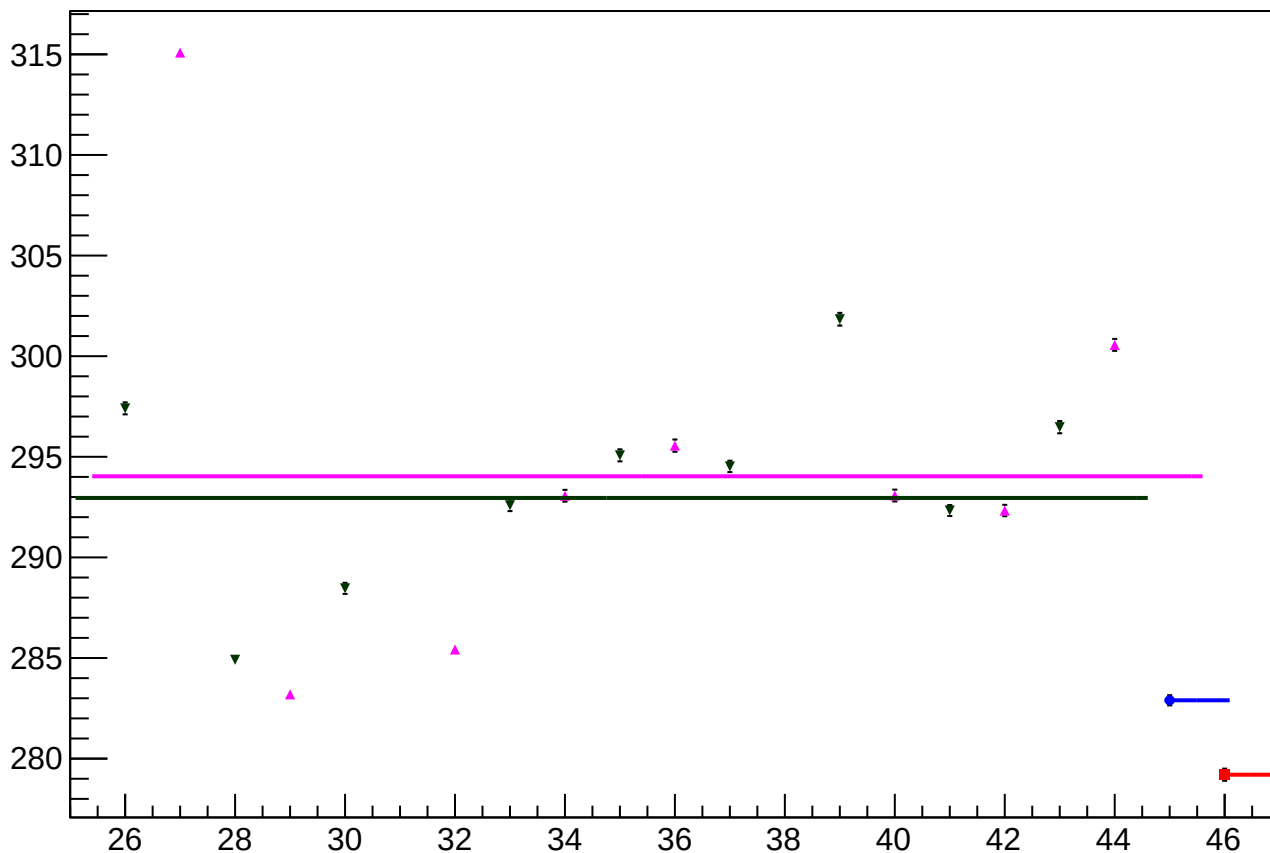
Right Out: 263.041+/-427.864 χ^2/NDF : 0.0/0

Left In: 49.768+/-131.388 χ^2/NDF : 2.8/7

-92.640+/-125.368 χ^2/NDF : 2.7/9

68.146+/-125.599 χ^2/NDF : 3.0/8

reg_asym_atr_dd_rms vs slug



Right In: 282.899 ± 0.255 χ^2/NDF : 0.0/0

Left Out: 292.955 ± 0.095 χ^2/NDF : 2664.1/8

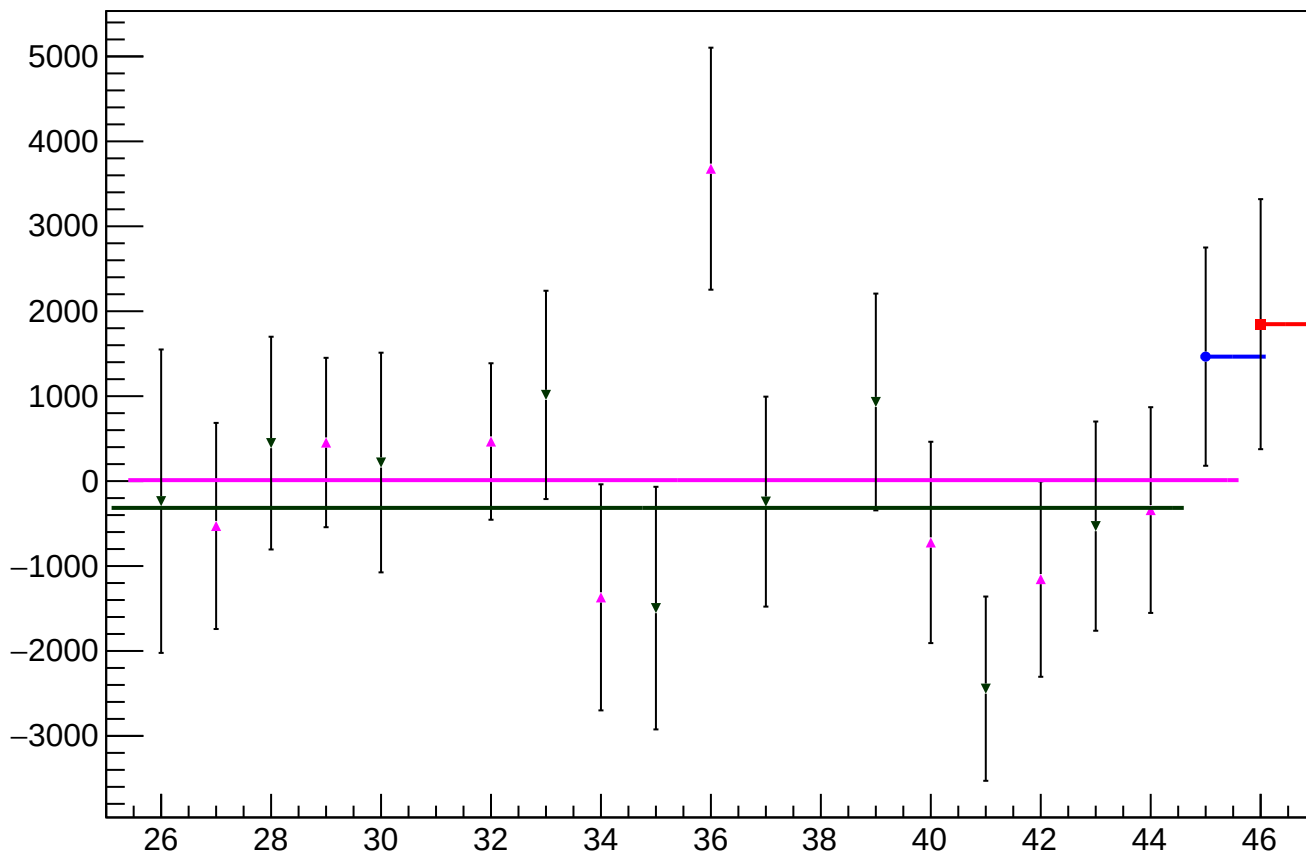
Right Out: 279.201 ± 0.303 χ^2/NDF : 0.0/0

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.3/7

291.740 ± 0.089 χ^2/NDF : 4030.8/9

292.753 ± 0.089 χ^2/NDF : 14217.0/8

asym_atr_dd_correction_mean vs slug



Right In: 1465.468+/-1284.927 χ^2/NDF : 0.0/0

Left Out: -315.415+/-427.109 χ^2/NDF : 7.2/8

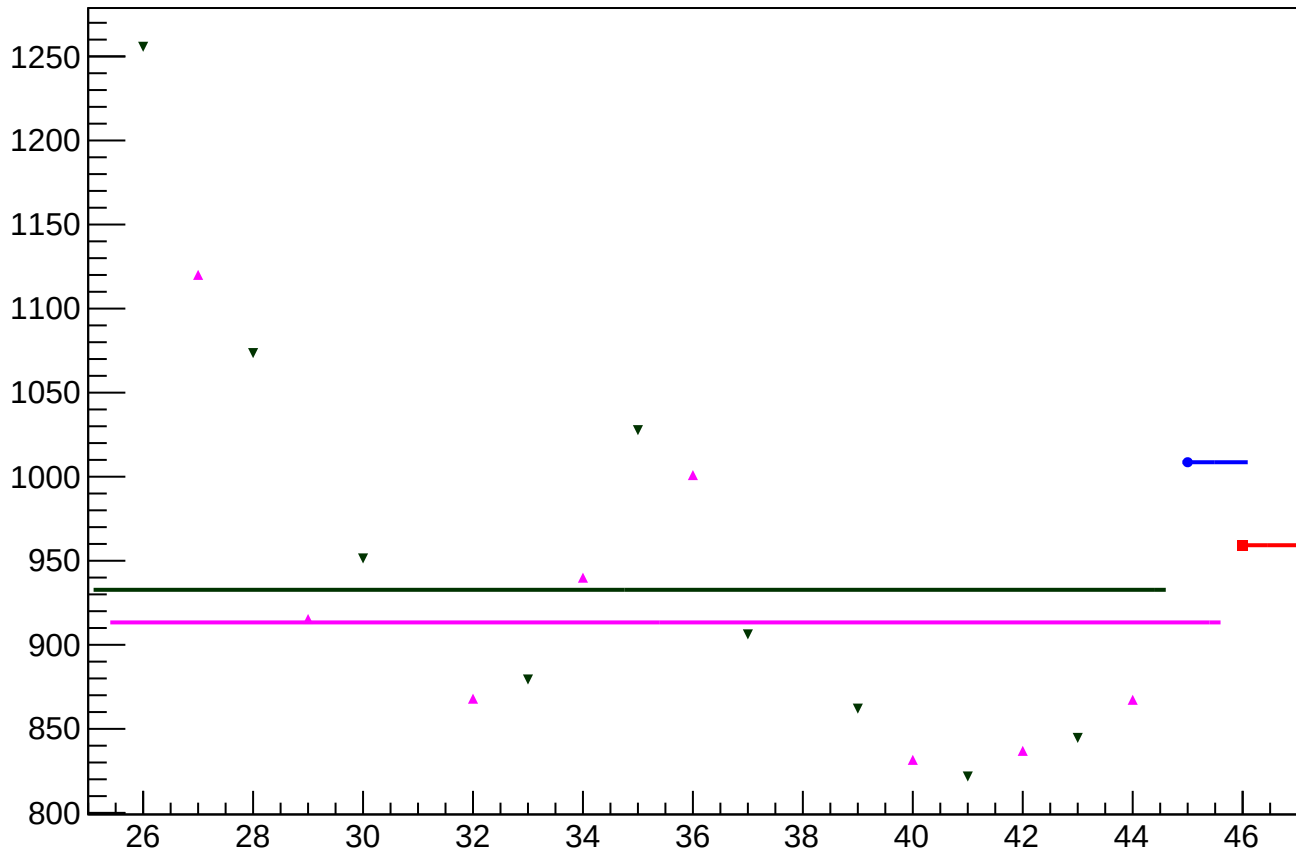
Right Out: 1847.761+/-1471.968 χ^2/NDF : 0.0/0

Left In: 11.284+/-405.892 χ^2/NDF : 9.8/7

-138.224+/-405.305 χ^2/NDF : 9.0/9

141.056+/-391.288 χ^2/NDF : 11.3/8

asym_atr_dd_correction_rms vs slug



Right In: 1008.606 $\pm$ 0.909 χ^2 /NDF: 0.0/0

Left Out: 932.717 $\pm$ 0.302 χ^2 /NDF: 141975.4/8

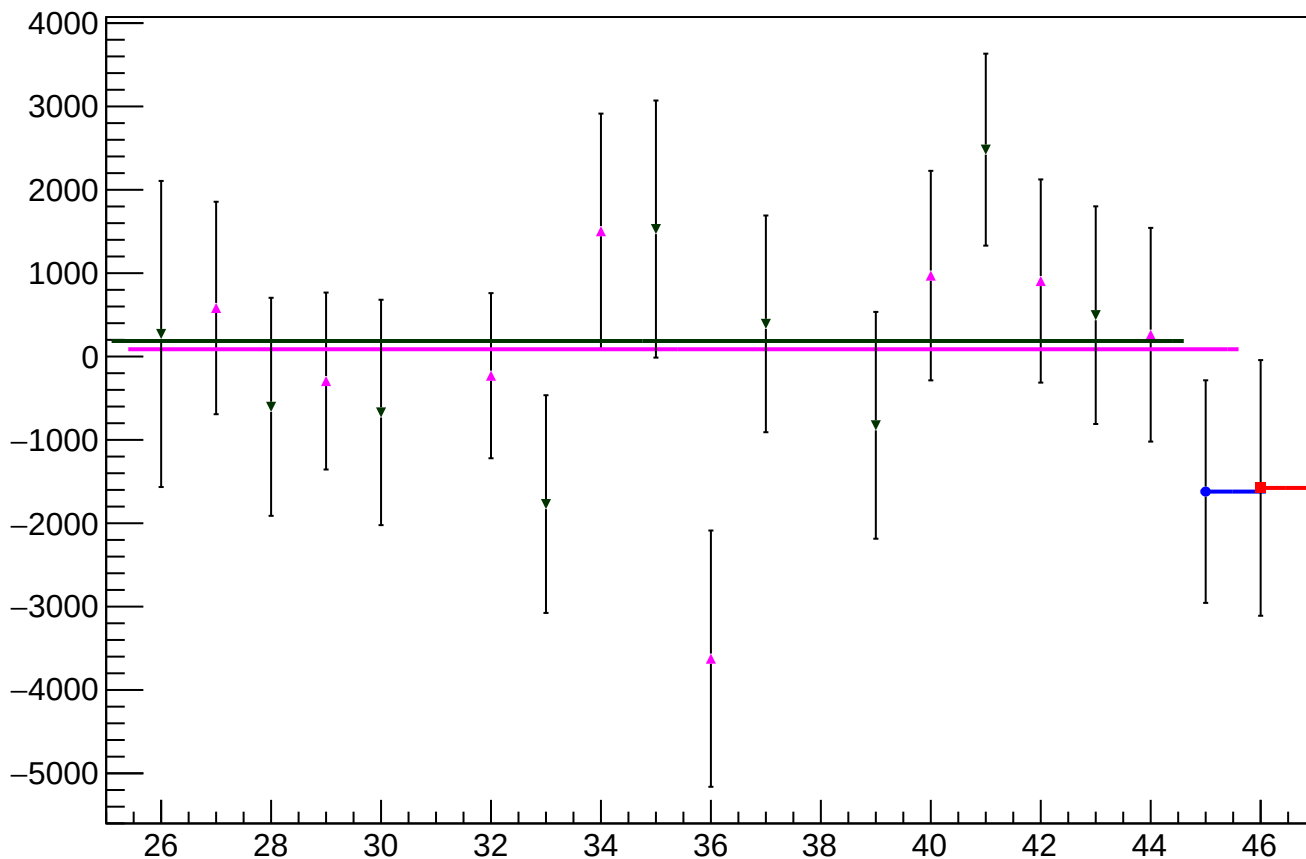
940.268 $\pm$ 0.287 χ^2 /NDF: 148257.6/9

Right Out: 959.243 $\pm$ 1.041 χ^2 /NDF: 0.0/0

916.565 $\pm$ 0.277 χ^2 /NDF: 94322.5/8

Left In: 913.320 $\pm$ 0.287 χ^2 /NDF: 92513.4/7

asym_atr_dd_mean vs slug



Right In: -1620.239+/-1335.173 χ^2 /NDF: 0.0/0

Left Out: 186.357+/-451.355 χ^2 /NDF: 8.4/8

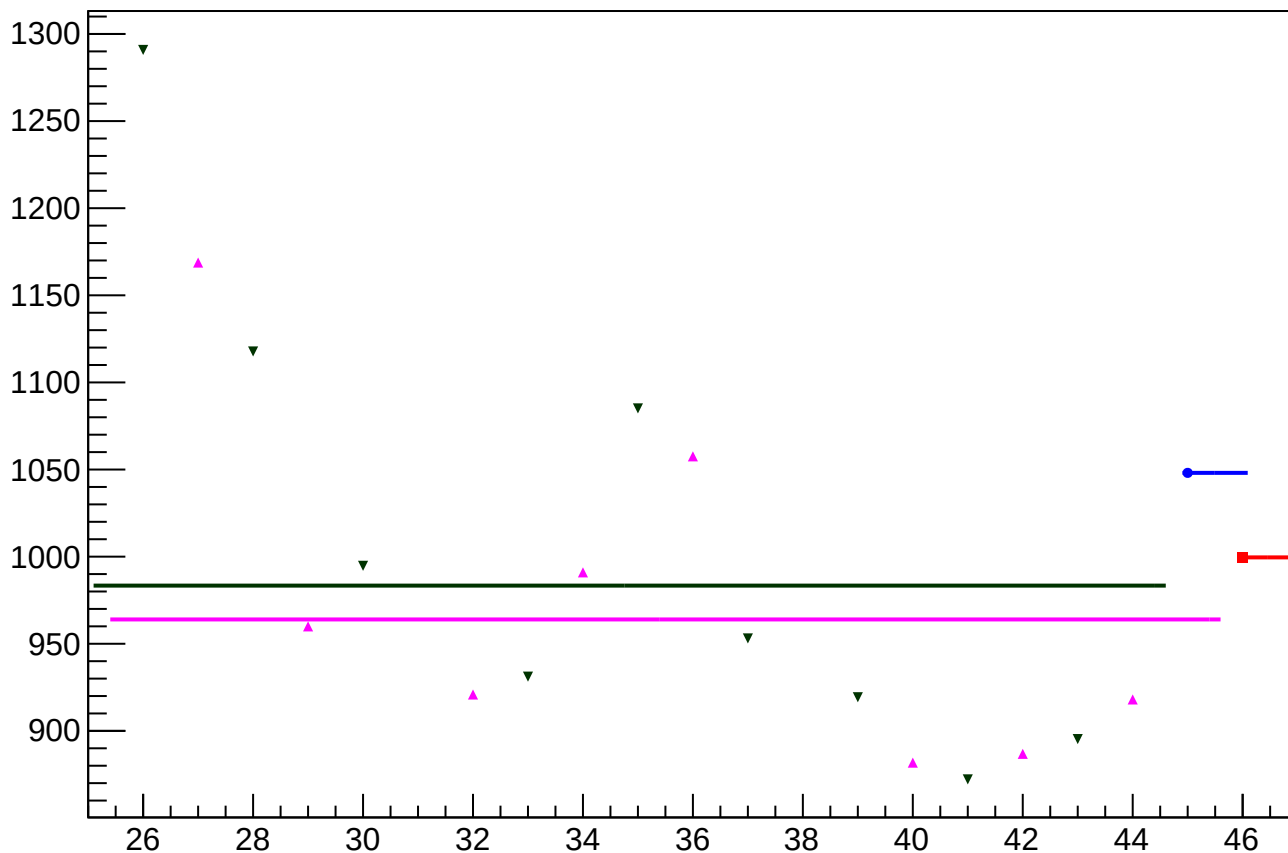
Right Out: -1576.357+/-1533.537 χ^2 /NDF: 0.0/0

Left In: 87.303+/-431.781 χ^2 /NDF: 8.2/7

1.077+/-427.584 χ^2 /NDF: 10.0/9

-34.897+/-415.621 χ^2 /NDF: 9.3/8

asym_atr_dd_rms vs slug



Right In: 1048.092+/-0.944 χ^2/NDF : 0.0/0

Left Out: 983.379+/-0.319 χ^2/NDF :122542.6/8

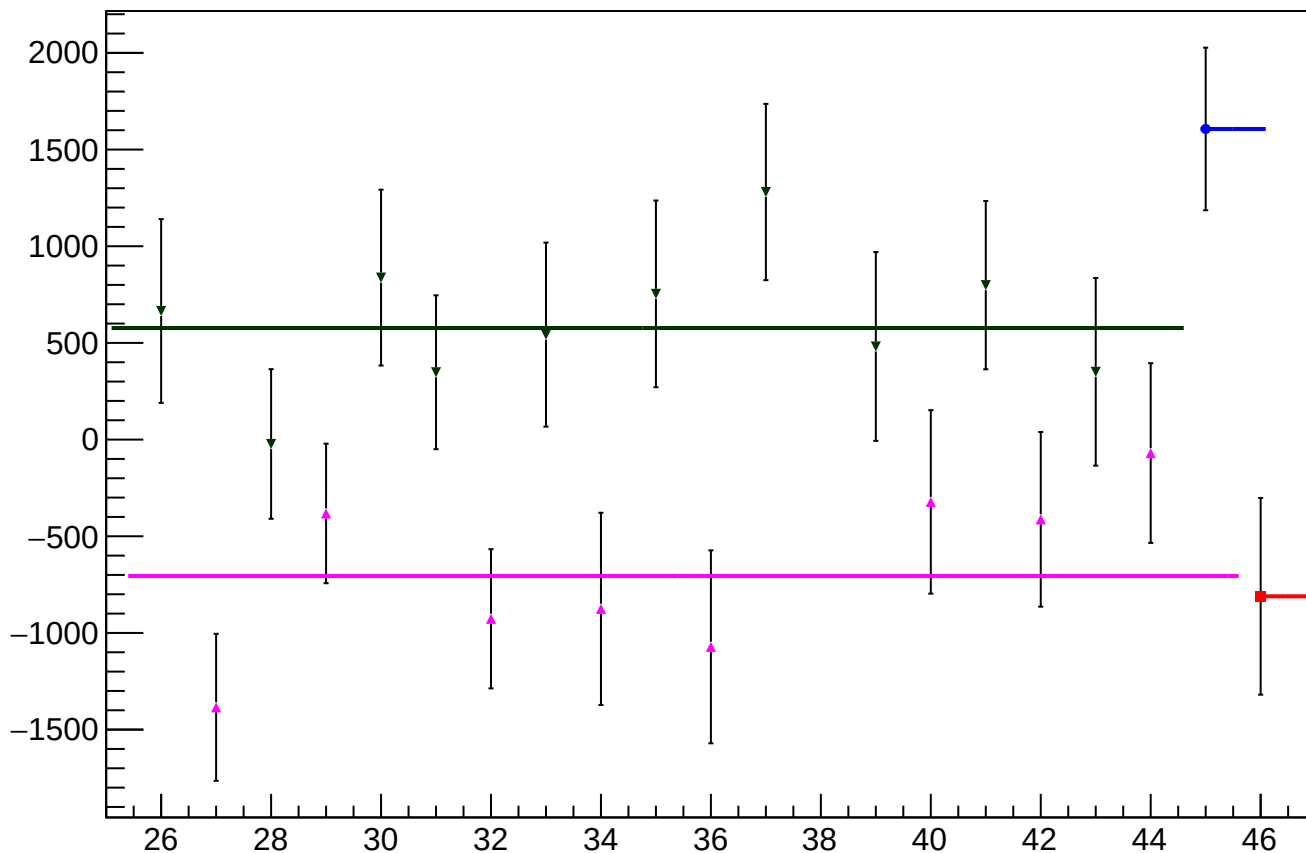
Right Out: 999.574+/-1.084 χ^2/NDF : 0.0/0

Left In: 963.960+/-0.305 χ^2/NDF :82775.1/7

990.016+/-0.302 χ^2/NDF : 126759.0/9

966.576+/-0.294 χ^2/NDF : 83774.6/8

reg_asym_at1_avg_mean vs slug



Right In: 1606.496 $\pm$ 420.474 χ^2 /NDF: 0.0/0

Left Out: 577.064 $\pm$ 142.141 χ^2 /NDF:6.1/9

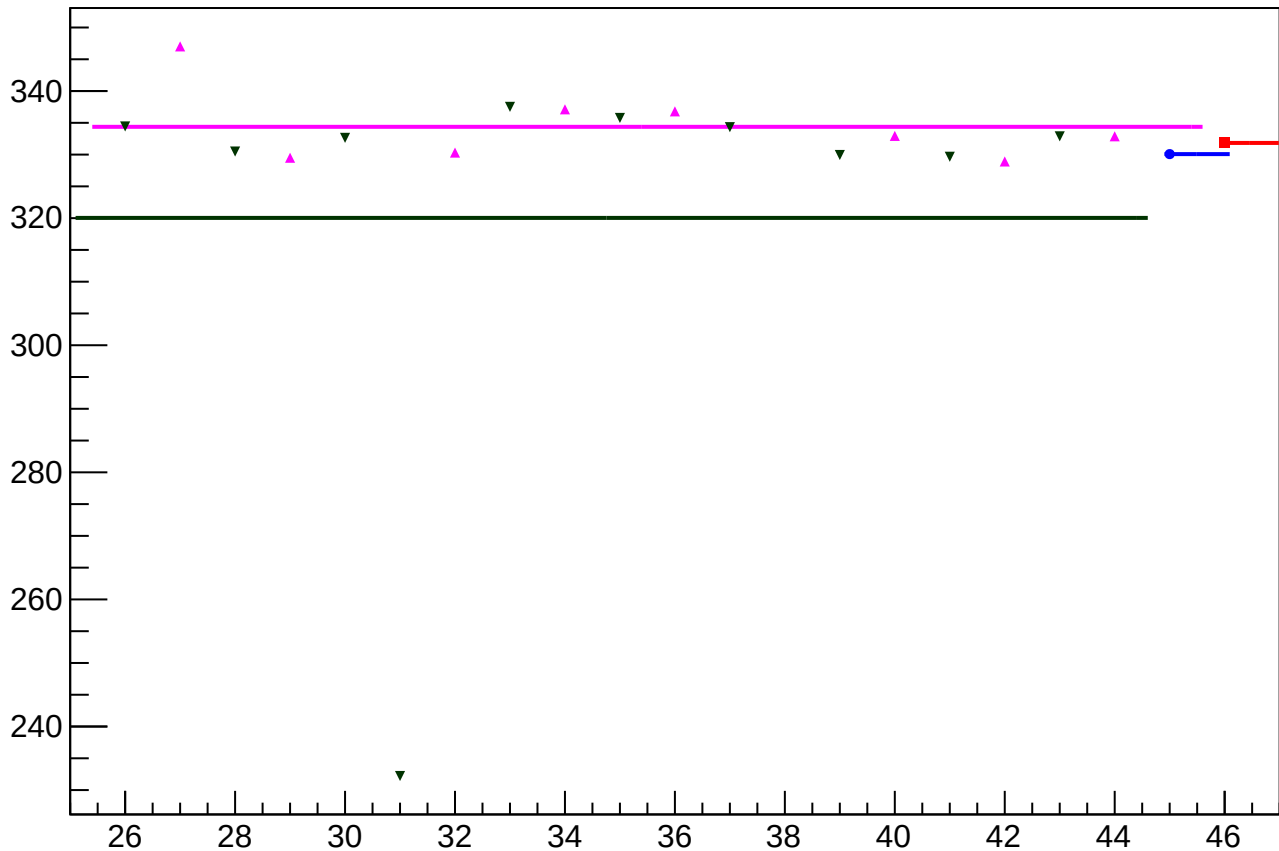
Right Out: -810.558 $\pm$ 508.868 χ^2 /NDF: 0.0/0

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF:8.0/7

682.640 $\pm$ 134.655 χ^2 /NDF: 11.5/10

-713.953 $\pm$ 144.013 χ^2 /NDF: 8.0/8

reg_asym_at1_avg_rms vs slug



Right In: 330.077+/-0.297 χ^2/NDF : 0.0/0

Left Out: 320.038+/-0.101 χ^2/NDF : 112209.4/9

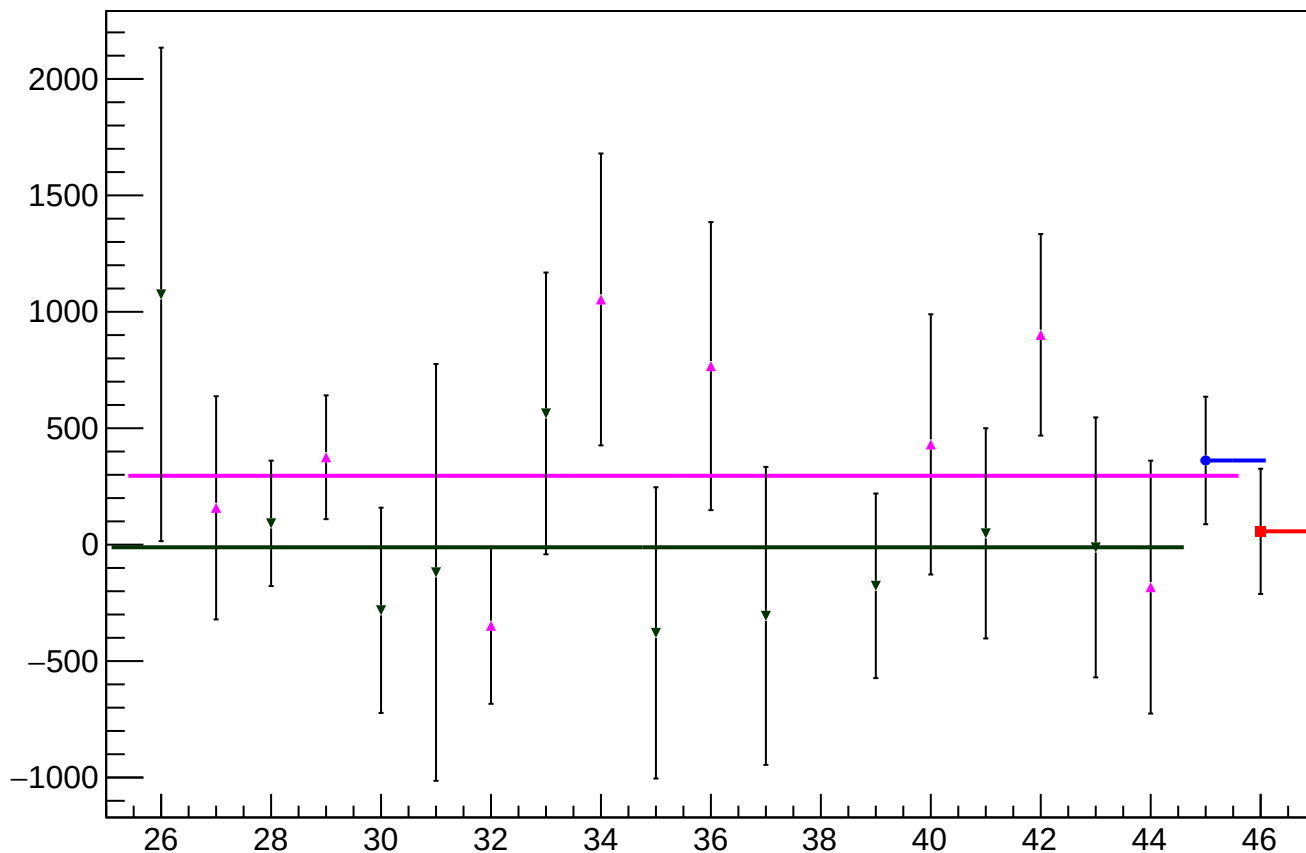
321.068+/-0.095 χ^2/NDF : 113232.4/10

Right Out: 331.835+/-0.360 χ^2/NDF : 0.0/0

334.168+/-0.102 χ^2/NDF : 3319.7/8

Left In: 334.371+/-0.106 χ^2/NDF : 3274.0/7

asym_at1_avg_correction_mean vs slug



Right In: 361.538 $\pm$ 273.836 χ^2 /NDF: 0.0/0

Left Out: -11.187 $\pm$ 151.999 χ^2 /NDF: 3.2/9

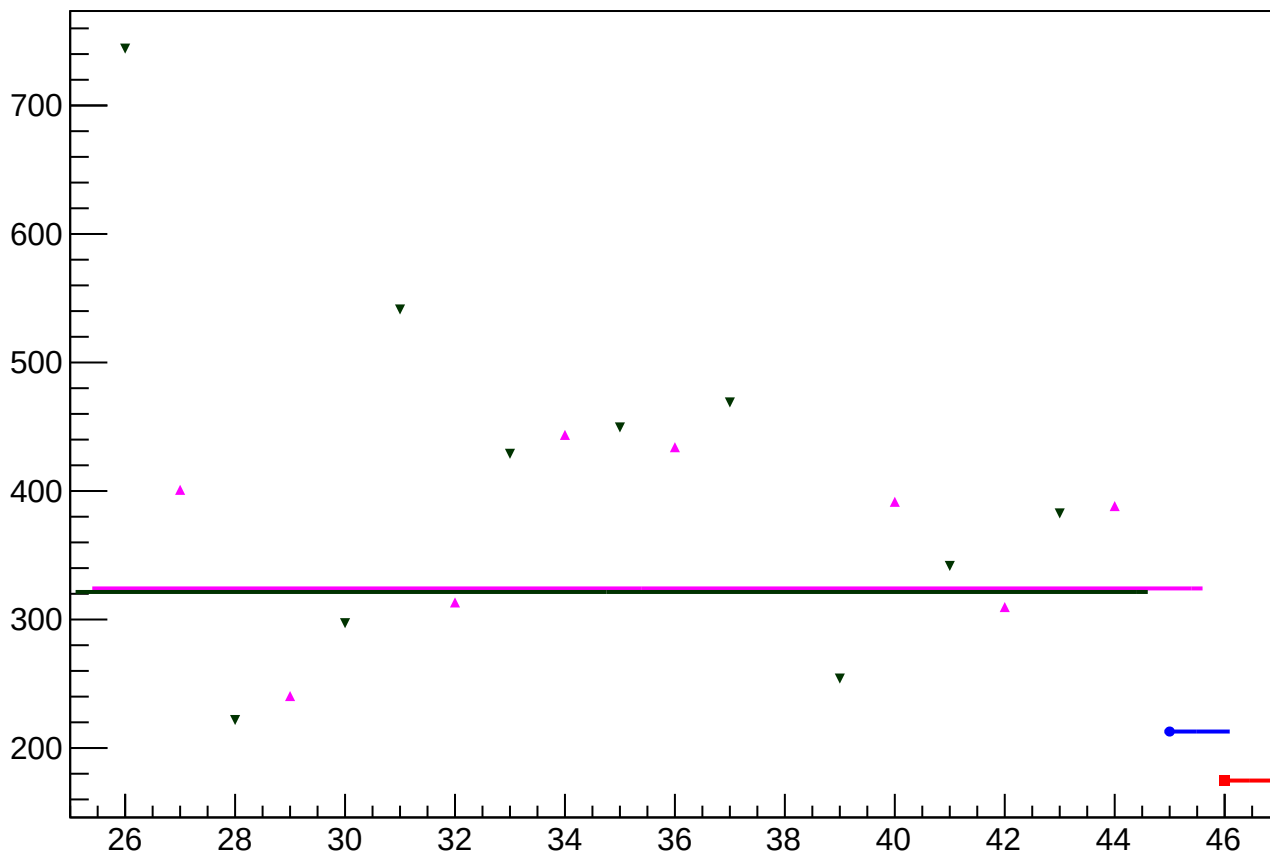
Right Out: 57.282 $\pm$ 268.835 χ^2 /NDF: 0.0/0

Left In: 295.759 $\pm$ 149.916 χ^2 /NDF: 8.7/7

76.603 $\pm$ 132.898 χ^2 /NDF: 4.7/10

239.190 $\pm$ 130.934 χ^2 /NDF: 9.3/8

asym_at1_avg_correction_rms vs slug



Right In: 212.831+/-0.194 χ^2/NDF : 0.0/0

Left Out: 321.436+/-0.107 χ^2/NDF : 1057868.5/9

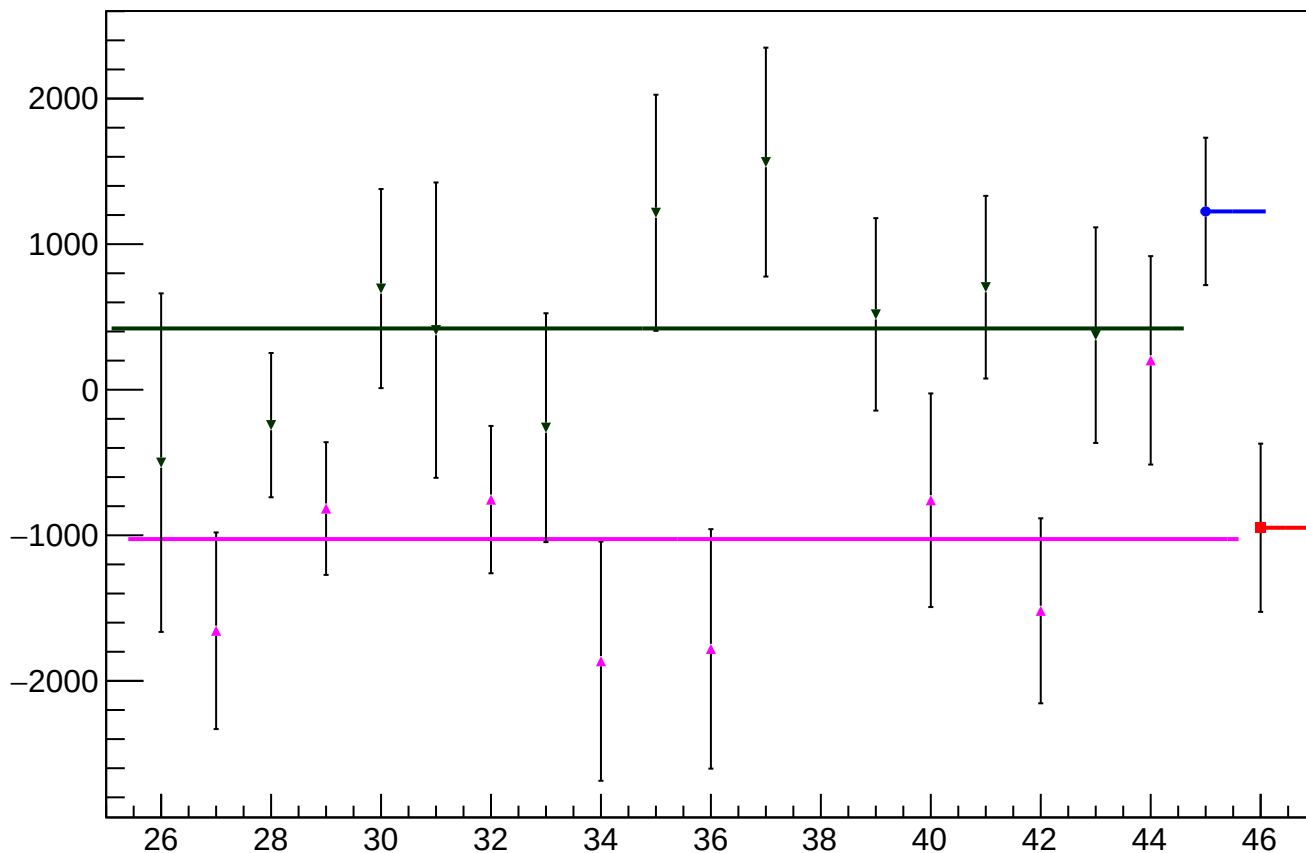
Right Out: 174.687+/-0.190 χ^2/NDF : 0.0/0

Left In: 324.185+/-0.106 χ^2/NDF : 446845.3/7

295.856+/-0.094 χ^2/NDF : 1298360.7/10

288.722+/-0.093 χ^2/NDF : 918619.6/8

asym_at1_avg_mean vs slug



Right In: 1224.858+/-506.284 χ^2/NDF : 0.0/0

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

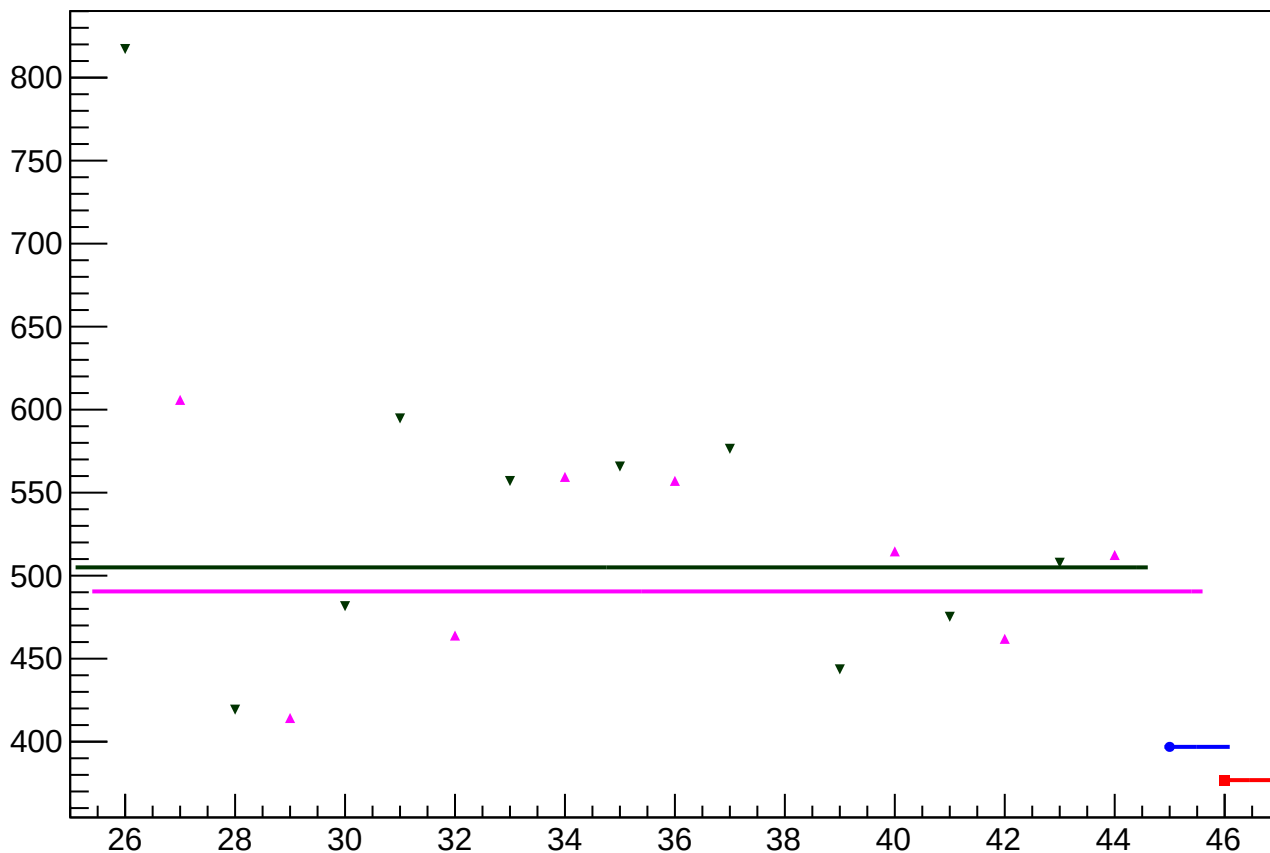
Right Out: -948.187+/-577.814 χ^2/NDF : 0.0/0

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

555.894+/-207.468 χ^2/NDF : 8.7/10

-1015.835+/-207.835 χ^2/NDF : 6.9/8

asym_at1_avg_rms vs slug



Right In: 396.871+/-0.358 χ^2/NDF : 0.0/0

Left Out: 504.992+/-0.161 χ^2/NDF :280293.6/9

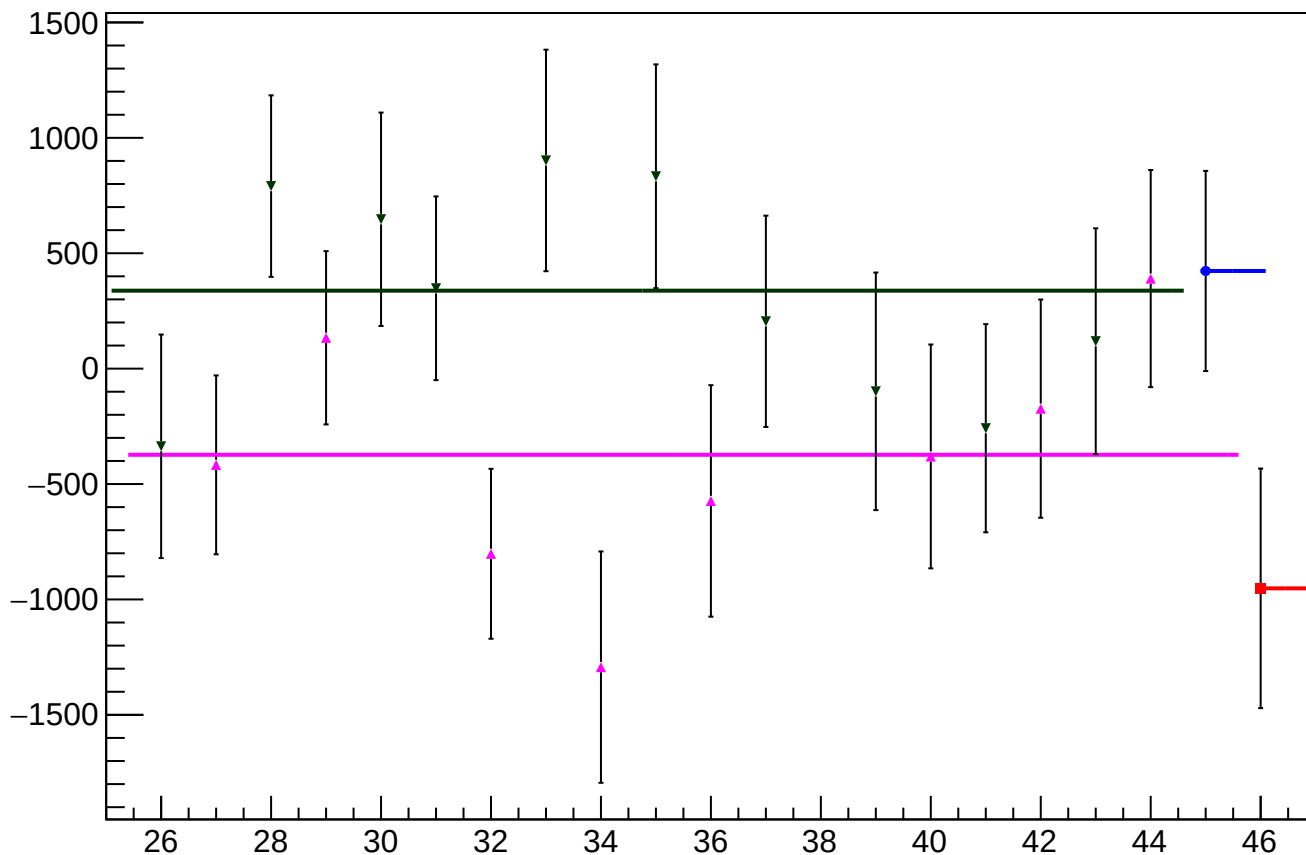
Right Out: 376.842+/-0.409 χ^2/NDF : 0.0/0

Left In: 490.502+/-0.158 χ^2/NDF :155145.4/7

486.836+/-0.147 χ^2/NDF : 356189.9/10

475.797+/-0.147 χ^2/NDF : 222520.1/8

reg_asym_at1_dd_mean vs slug



Right In: 423.171+/-433.589 χ^2/NDF : 0.0/0

Left Out: 337.826+/-144.392 χ^2/NDF : 8.9/9

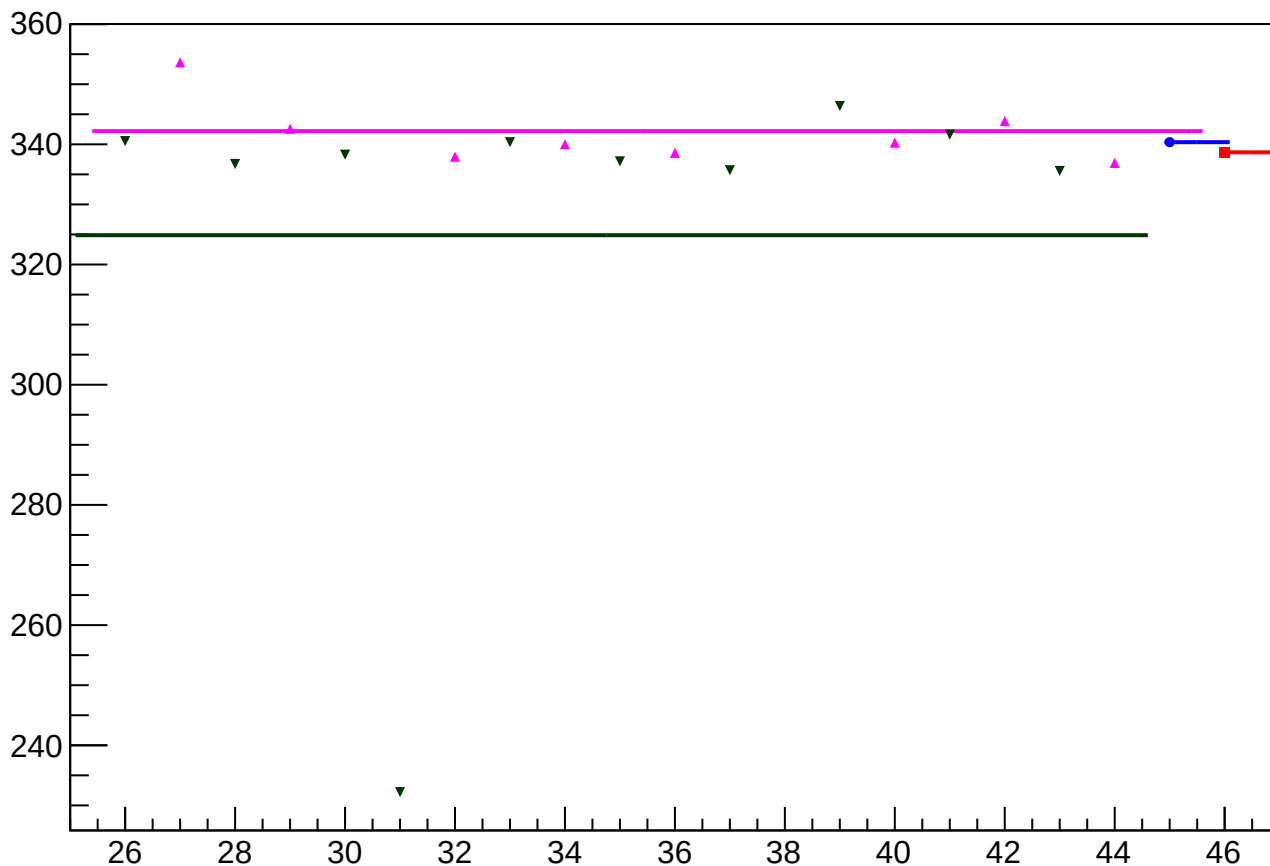
Right Out: -951.934+/-518.985 χ^2/NDF : 0.0/0

Left In: -373.235+/-153.688 χ^2/NDF : 9.5/7

346.346+/-136.995 χ^2/NDF : 8.9/10

-419.892+/-147.362 χ^2/NDF : 10.7/8

reg_asym_at1_dd_rms vs slug



Right In: 340.359 ± 0.307 χ^2/NDF : 0.0/0

Left Out: 324.881 ± 0.102 χ^2/NDF : 125698.7/9

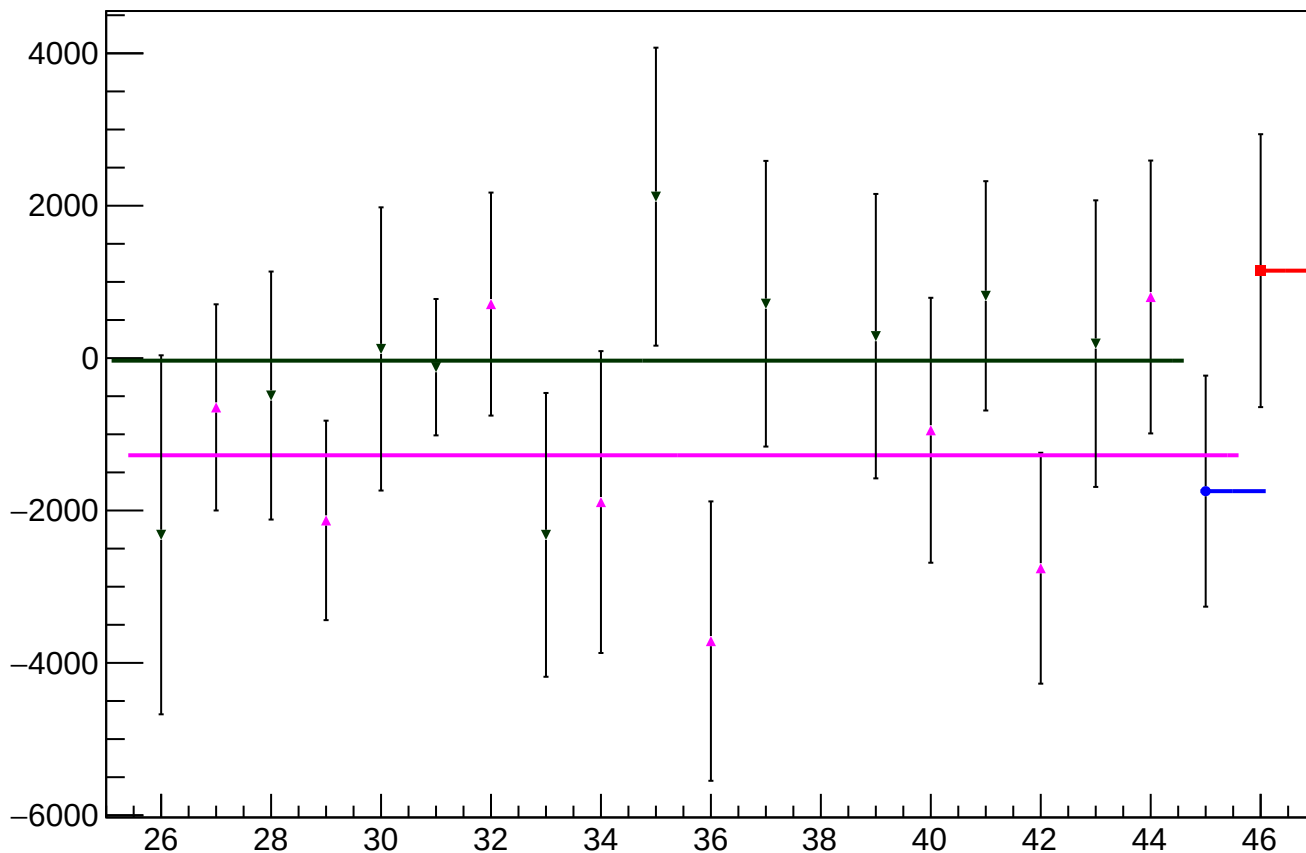
Right Out: 338.667 ± 0.367 χ^2/NDF : 0.0/0

Left In: 342.194 ± 0.109 χ^2/NDF : 2464.7/7

326.426 ± 0.097 χ^2/NDF : 127993.0/10

341.909 ± 0.104 χ^2/NDF : 2549.6/8

asym_at1_dd_correction_mean vs slug



Right In: -1746.034 $\pm$ 1516.189 χ^2/NDF : 0.0/0

Left Out: -33.360 $\pm$ 503.702 χ^2/NDF : 4.3/9

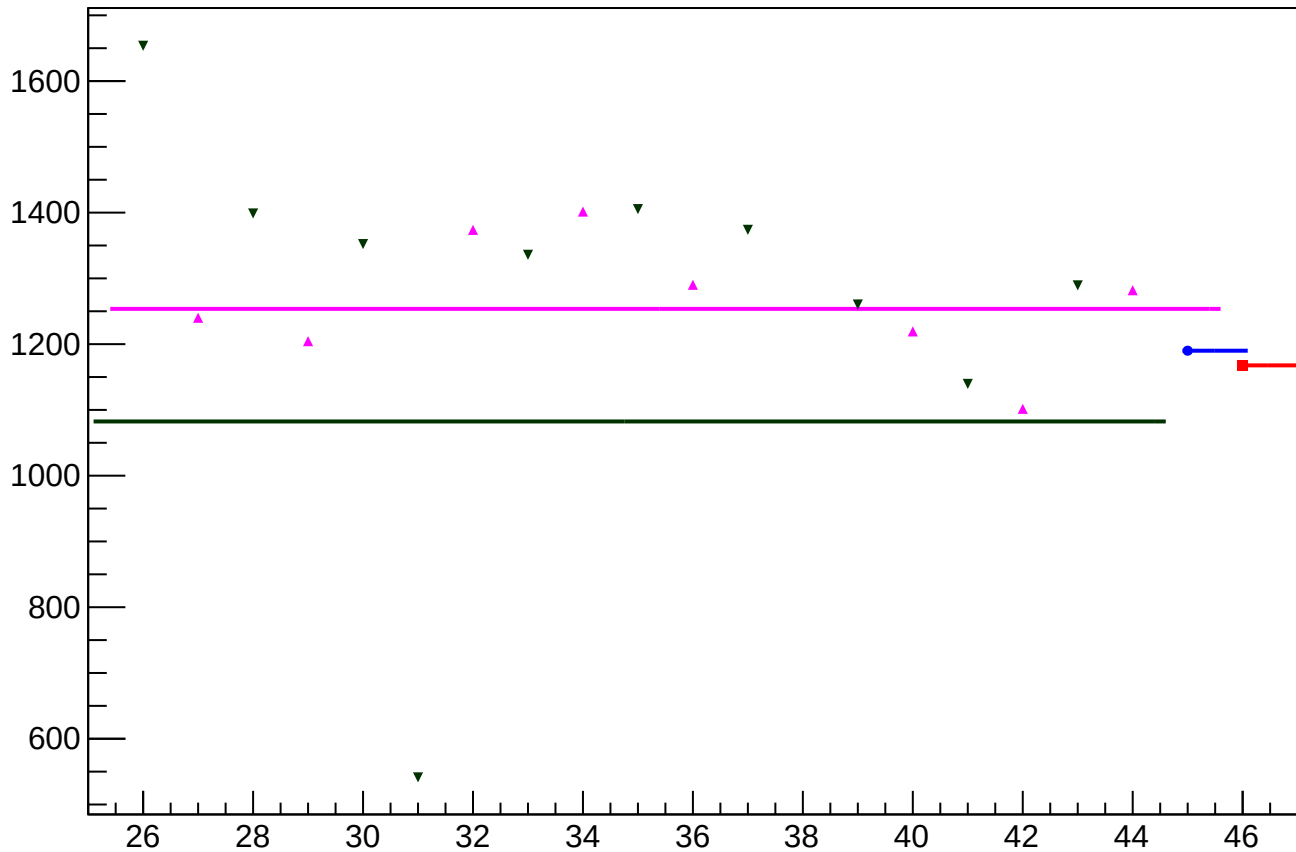
-203.595 $\pm$ 478.013 χ^2/NDF : 5.4/10

Right Out: 1147.695 $\pm$ 1790.909 χ^2/NDF : 0.0/0

-1061.792 $\pm$ 531.542 χ^2/NDF : 8.4/8

Left In: -1275.228 $\pm$ 556.624 χ^2/NDF : 6.7/7

asym_at1_dd_correction_rms vs slug



Right In: 1190.031+/-1.072 χ^2/NDF : 0.0/0

Left Out: 1082.447+/-0.356 χ^2/NDF : 1151669.7/9

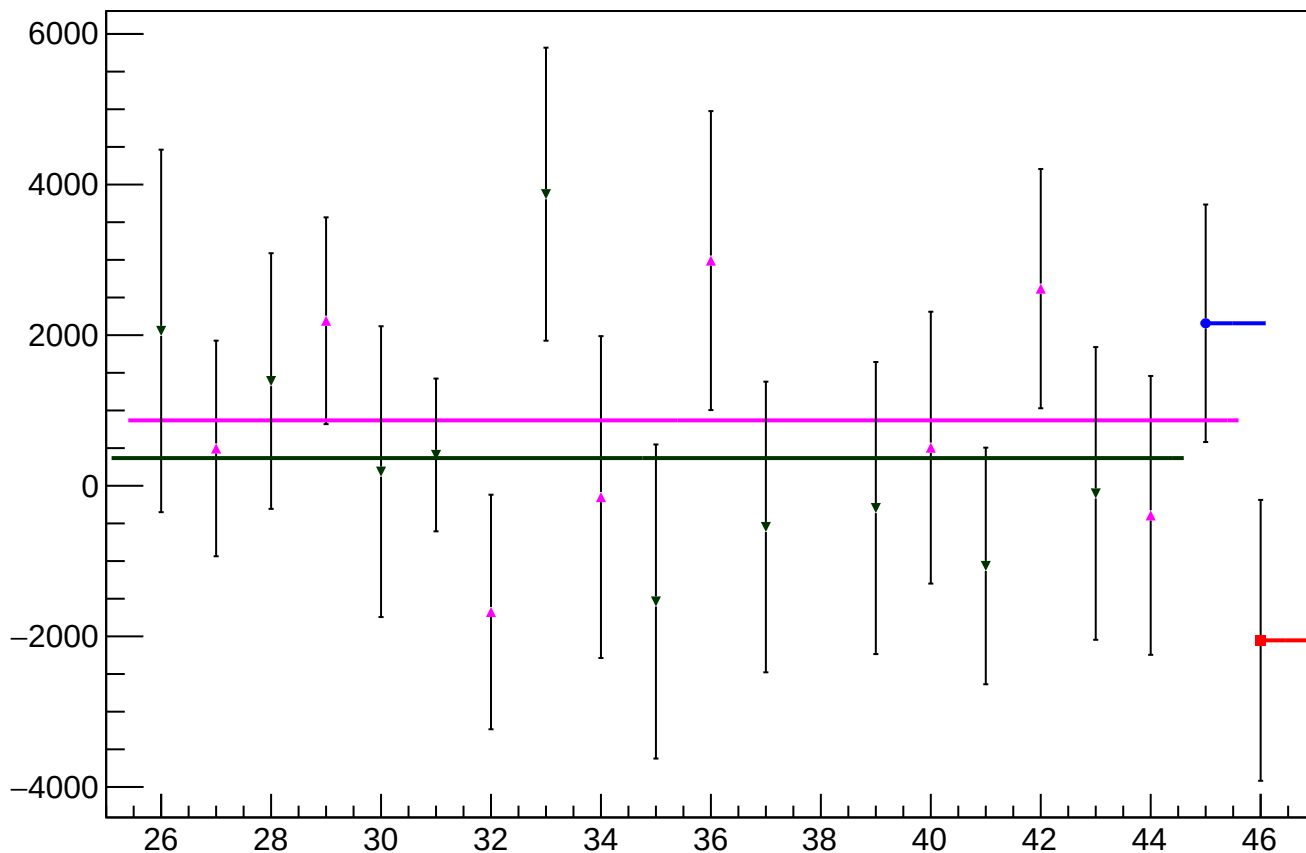
1093.141+/-0.338 χ^2/NDF : 1160738.5/10

Right Out: 1167.723+/-1.266 χ^2/NDF : 0.0/0

1246.062+/-0.376 χ^2/NDF : 54049.1/8

Left In: 1253.630+/-0.394 χ^2/NDF : 49852.6/7

asym_at1_dd_mean vs slug



Right In: 2157.818+/-1577.053 χ^2/NDF : 0.0/0

Left Out: 367.665+/-537.785 χ^2/NDF : 6.2/9

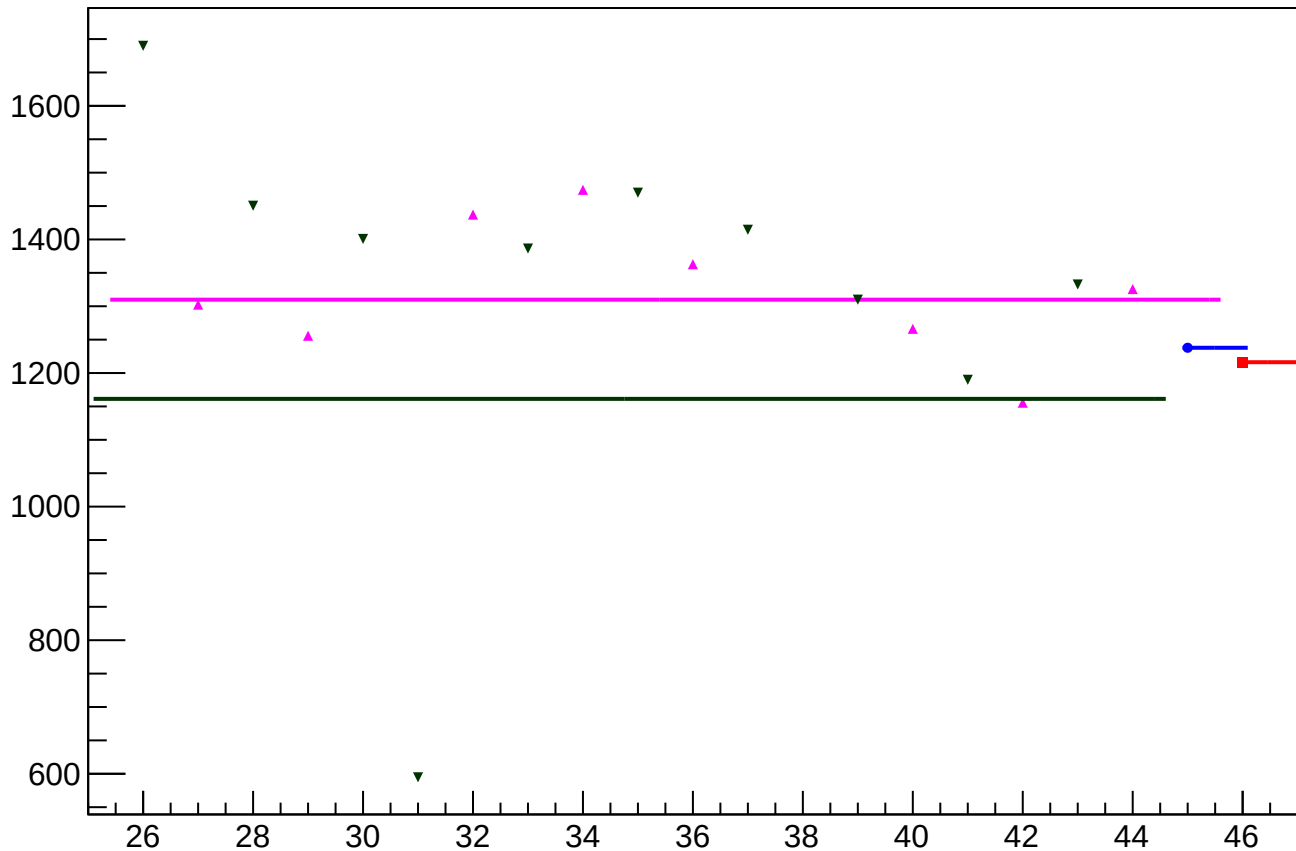
Right Out: -2052.894+/-1865.023 χ^2/NDF : 0.0/0

Left In: 868.425+/-587.420 χ^2/NDF : 6.8/7

554.148+/-509.003 χ^2/NDF : 7.3/10

604.774+/-560.286 χ^2/NDF : 9.0/8

asym_at1_dd_rms vs slug



Right In: 1237.830+/-1.115 χ^2/NDF : 0.0/0

Left Out: 1161.322+/-0.380 χ^2/NDF : 942121.1/9

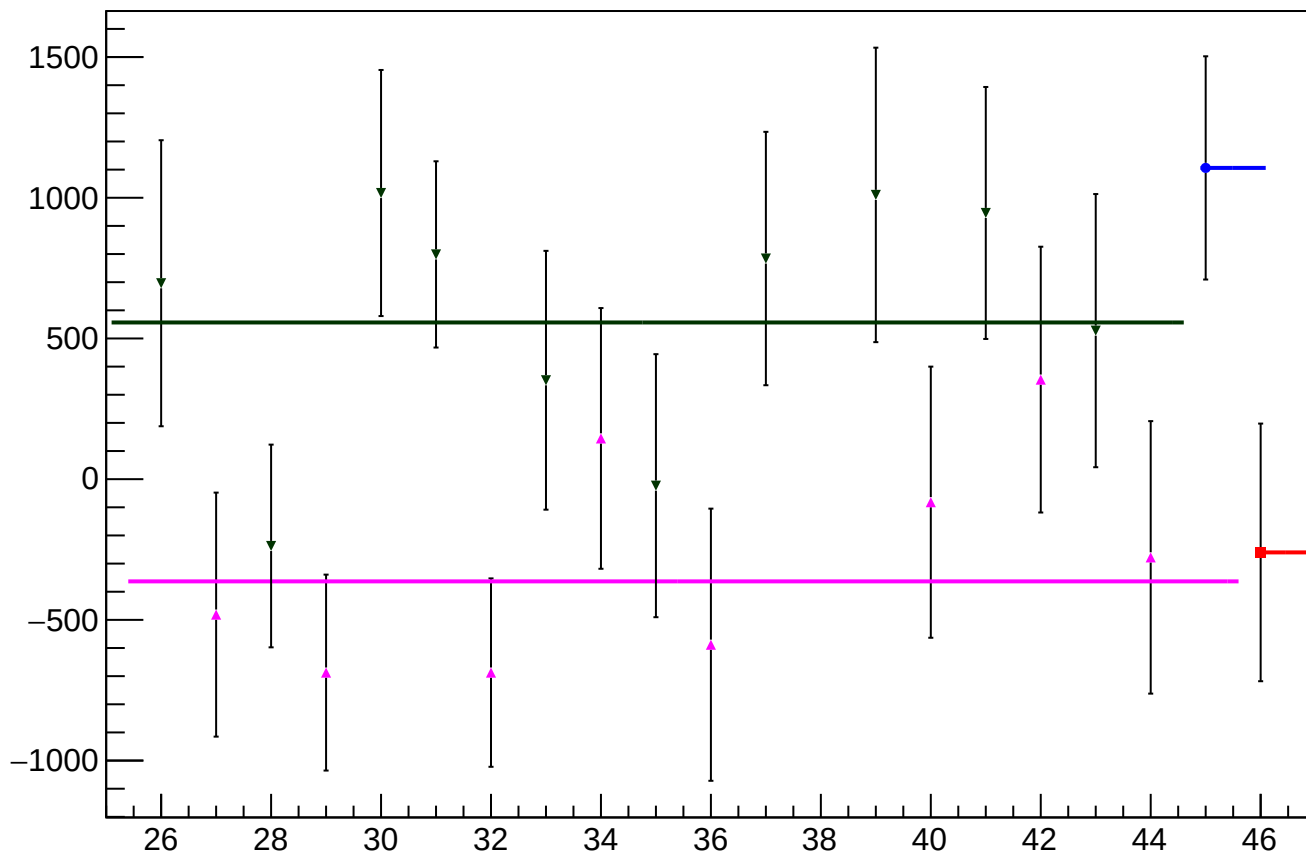
Right Out: 1216.204+/-1.319 χ^2/NDF : 0.0/0

Left In: 1309.822+/-0.415 χ^2/NDF : 49968.8/7

1169.292+/-0.360 χ^2/NDF : 946337.8/10

1301.373+/-0.396 χ^2/NDF : 54553.4/8

reg_asym_at2_avg_mean vs slug



Right In: 1106.089 $\pm$ 396.652 χ^2 /NDF: 0.0/0

Left Out: 556.863 $\pm$ 137.272 χ^2 /NDF:10.1/9

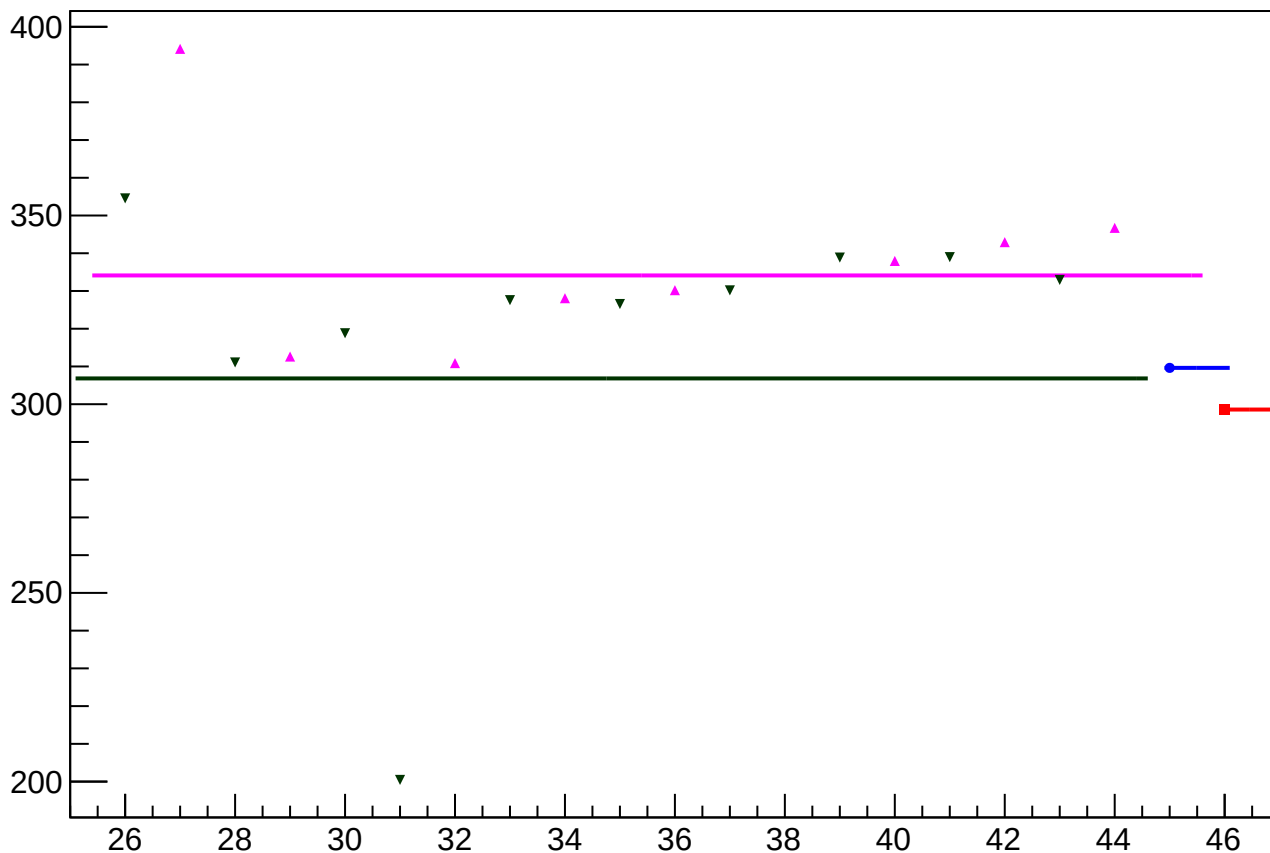
Right Out: -260.237 $\pm$ 457.777 χ^2 /NDF: 0.0/0

Left In: -363.206 $\pm$ 149.925 χ^2 /NDF:6.0/7

615.608 $\pm$ 129.723 χ^2 /NDF: 11.8/10

-353.231 $\pm$ 142.478 χ^2 /NDF: 6.0/8

reg_asym_at2_avg_rms vs slug



Right In: 309.628+/-0.280 χ^2/NDF : 0.0/0

Left Out: 306.830+/-0.097 χ^2/NDF : 262678.8/9

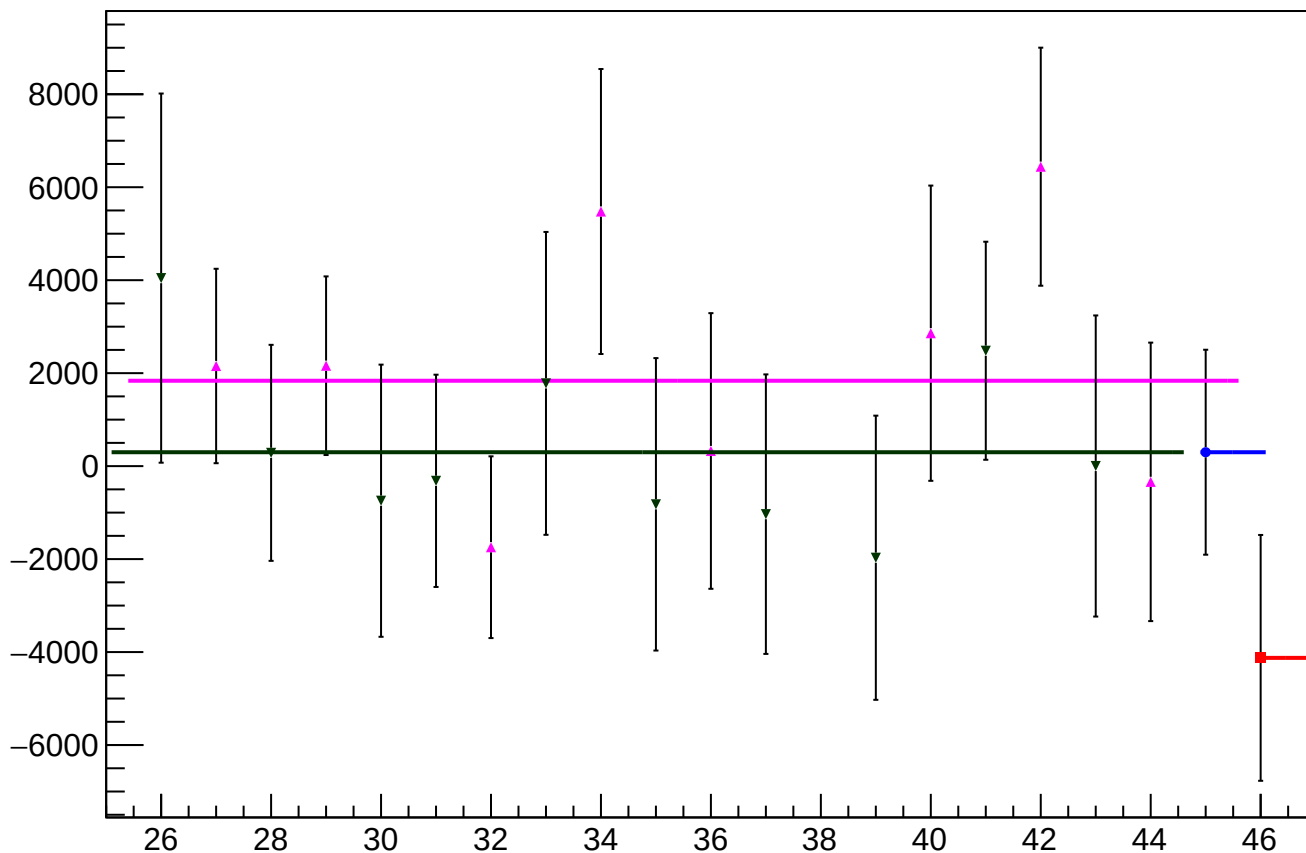
307.129+/-0.092 χ^2/NDF : 262767.6/10

Right Out: 298.585+/-0.324 χ^2/NDF : 0.0/0

330.678+/-0.101 χ^2/NDF : 69145.5/8

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

asym_at2_avg_correction_mean vs slug



Right In: 299.062 $\pm$ 2204.605 χ^2 /NDF: 0.0/0

Left Out: 298.949 $\pm$ 895.409 χ^2 /NDF: 3.0/9

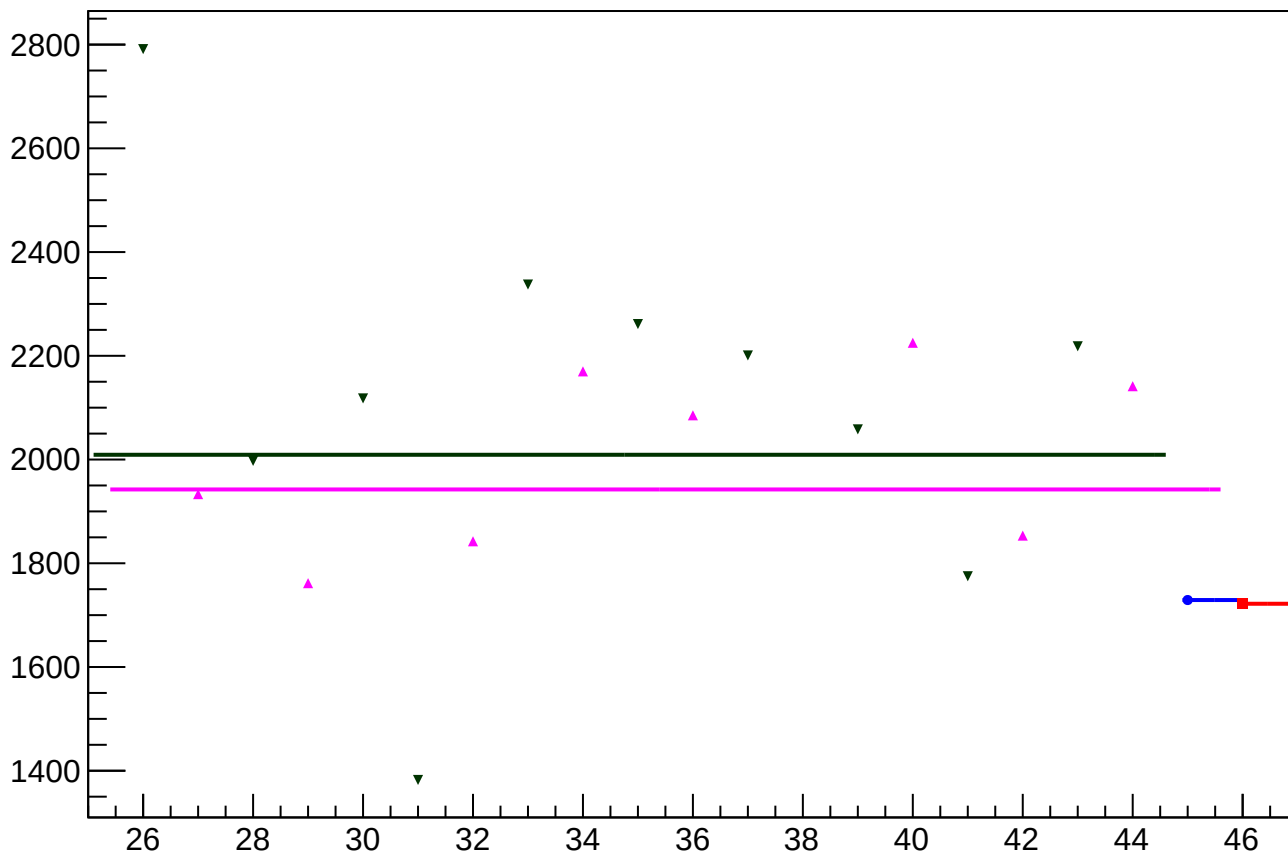
Right Out: -4125.094 $\pm$ 2644.244 χ^2 /NDF: 0.0/0

Left In: 1836.605 $\pm$ 862.395 χ^2 /NDF: 8.9/7

298.965 $\pm$ 829.594 χ^2 /NDF: 3.0/10

1263.440 $\pm$ 819.892 χ^2 /NDF: 13.5/8

asym_at2_avg_correction_rms vs slug



Right In: 1729.123+/-1.559 χ^2/NDF : 0.0/0

Left Out: 2009.181+/-0.633 χ^2/NDF : 301244.6/9

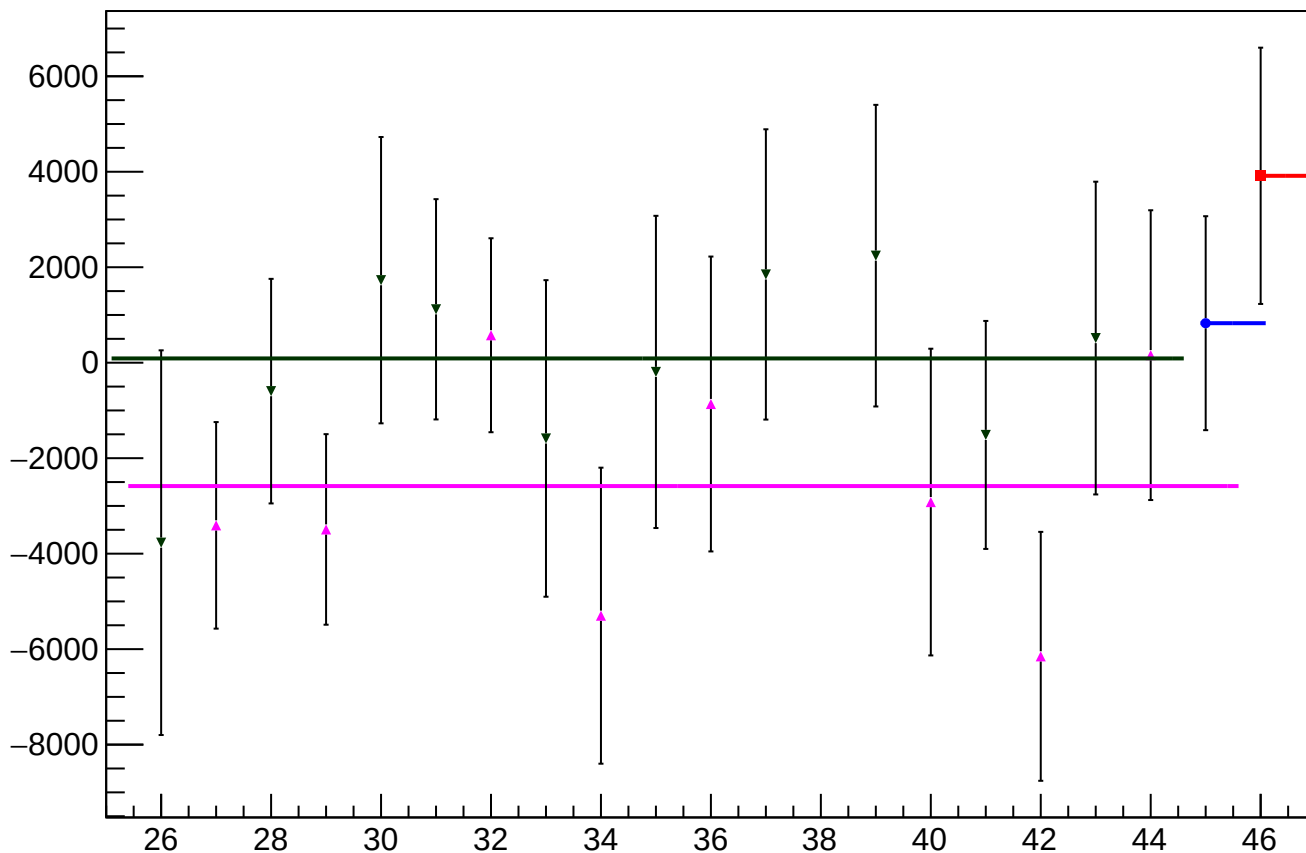
Right Out: 1721.941+/-1.870 χ^2/NDF : 0.0/0

Left In: 1942.327+/-0.610 χ^2/NDF : 65743.5/7

1969.524+/-0.587 χ^2/NDF : 328949.4/10

1921.139+/-0.580 χ^2/NDF : 78300.8/8

asym_at2_avg_mean vs slug



Right In: 827.874 $\pm$ 2240.841 χ^2 /NDF: 0.0/0

Left Out: 89.516 $\pm$ 911.791 χ^2 /NDF:3.0/9

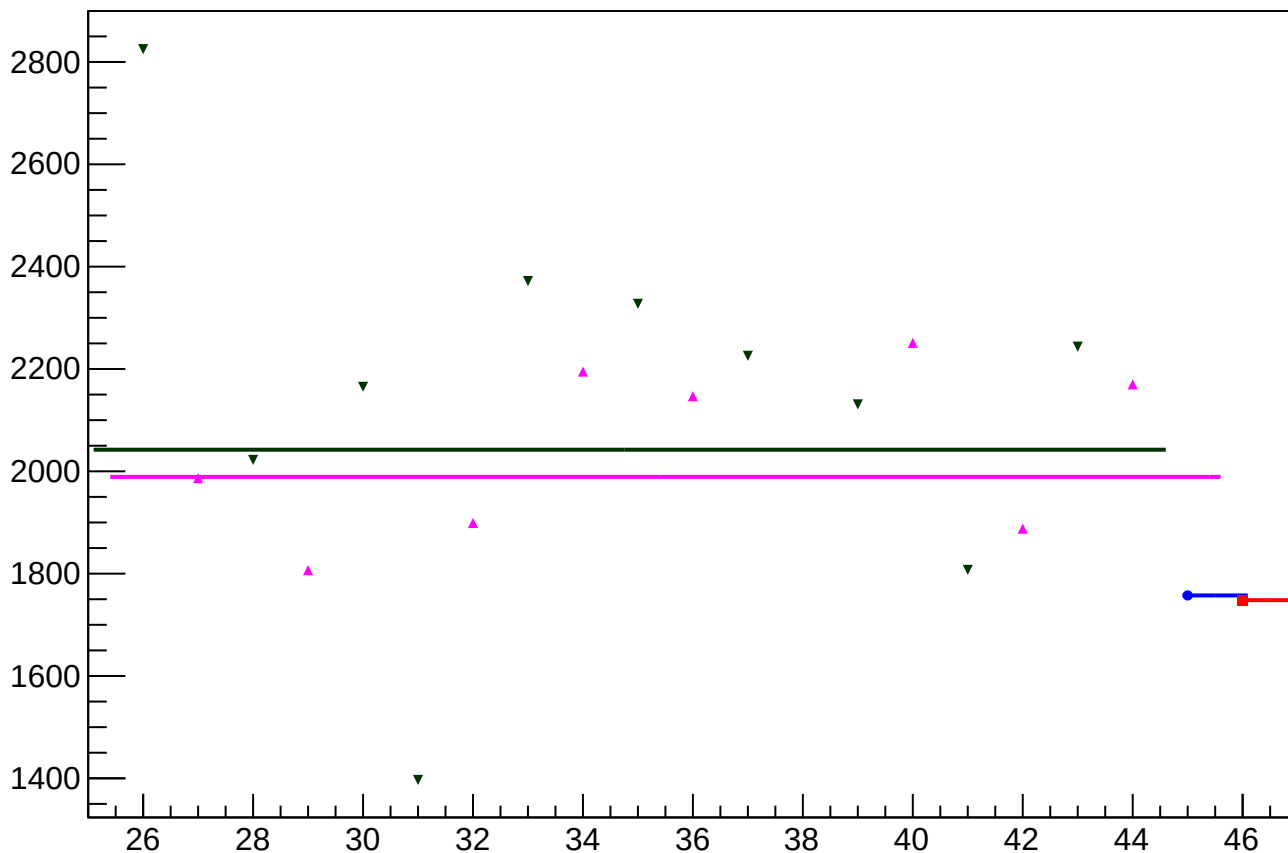
Right Out: 3914.942 $\pm$ 2684.198 χ^2 /NDF: 0.0/0

Left In: -2584.001 $\pm$ 887.895 χ^2 /NDF:6.5/7

194.397 $\pm$ 844.553 χ^2 /NDF: 3.1/10

-1943.026 $\pm$ 842.973 χ^2 /NDF: 11.8/8

asym_at2_avg_rms vs slug



Right In: 1757.386+/-1.585 χ^2/NDF : 0.0/0

Left Out: 2042.242+/-0.645 χ^2/NDF : 306288.1/9

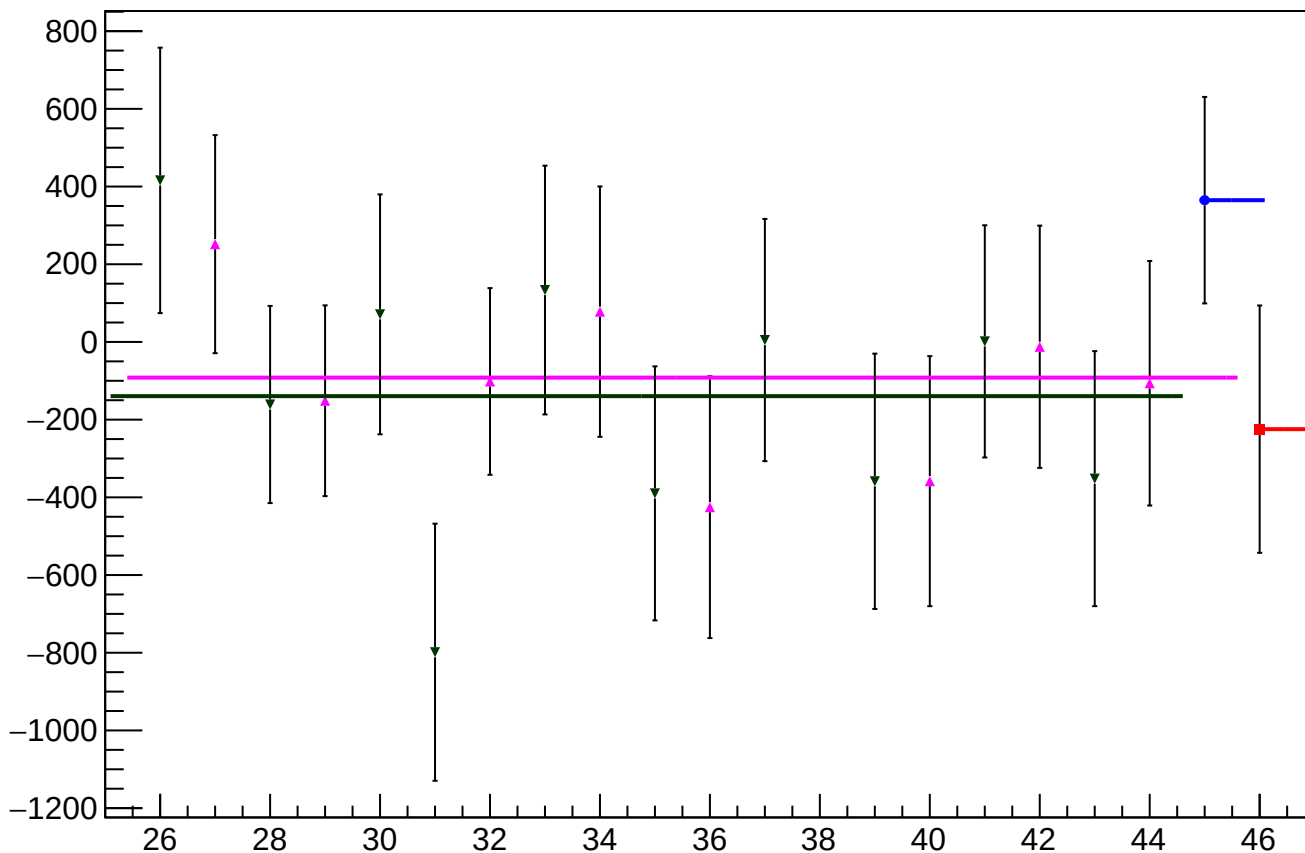
Right Out: 1748.156+/-1.898 χ^2/NDF : 0.0/0

Left In: 1989.107+/-0.628 χ^2/NDF : 58031.4/7

2001.779+/-0.597 χ^2/NDF : 334016.2/10

1965.342+/-0.596 χ^2/NDF : 72557.8/8

reg_asym_at2_dd_mean vs slug



Right In: 364.913 $\pm$ 265.756 χ^2 /NDF: 0.0/0

Left Out: -139.503 $\pm$ 98.600 χ^2 /NDF:9.7/9

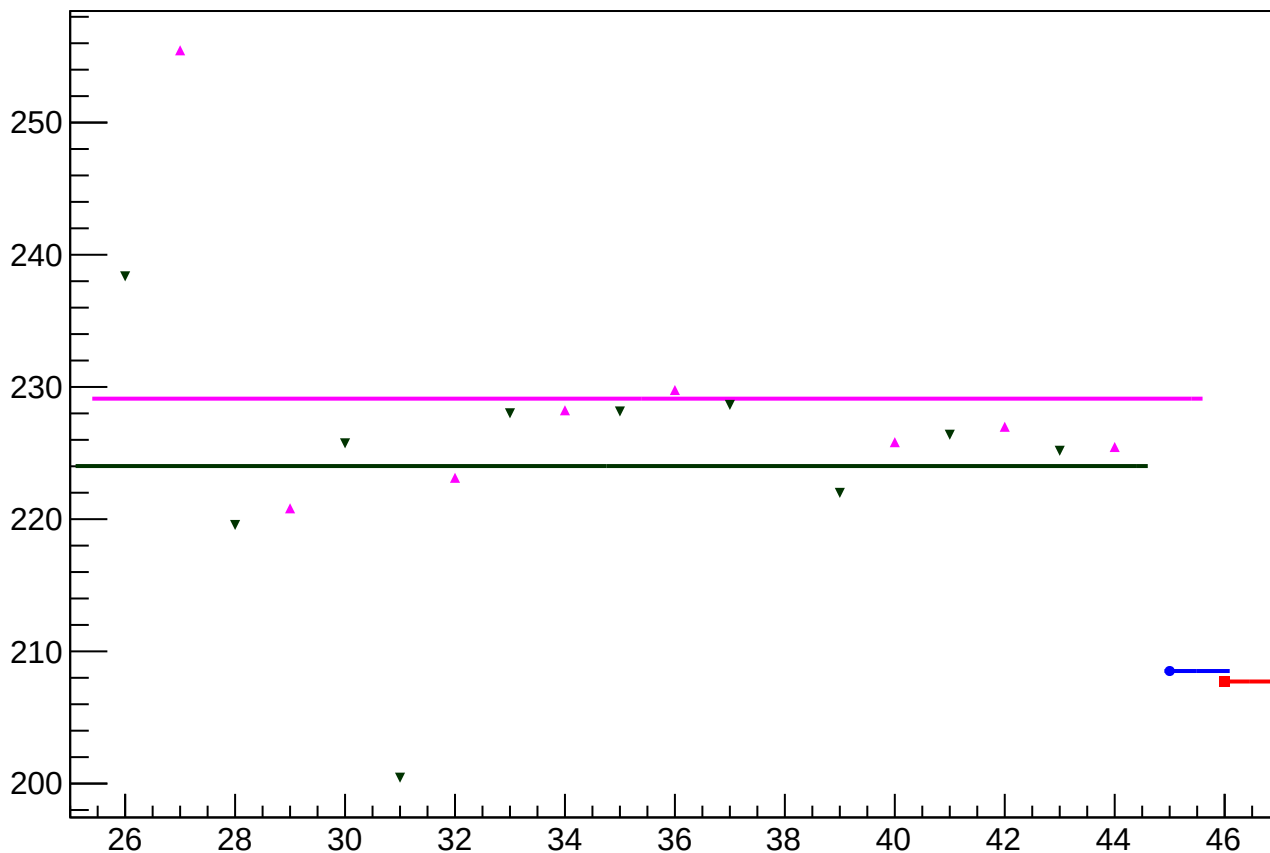
Right Out: -224.487 $\pm$ 318.337 χ^2 /NDF: 0.0/0

Left In: -91.824 $\pm$ 102.556 χ^2 /NDF:3.6/7

-78.470 $\pm$ 92.442 χ^2 /NDF: 12.9/10

-104.298 $\pm$ 97.615 χ^2 /NDF: 3.7/8

reg_asym_at2_dd_rms vs slug



Right In: 208.514+/-0.188 χ^2/NDF : 0.0/0

Left Out: 224.018+/-0.070 χ^2/NDF :15653.5/9

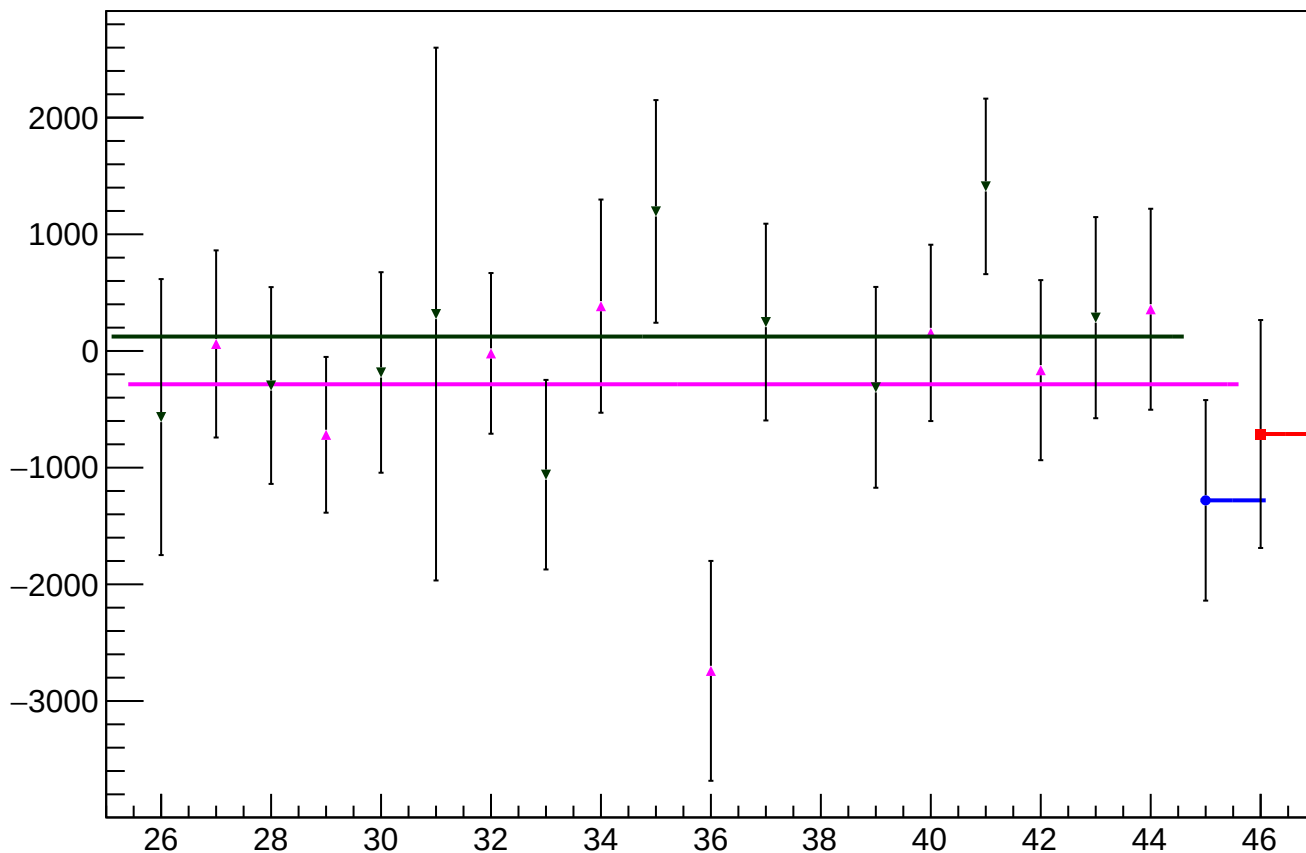
Right Out: 207.721+/-0.225 χ^2/NDF : 0.0/0

Left In: 229.116+/-0.073 χ^2/NDF :21746.8/7

222.142+/-0.065 χ^2/NDF : 21636.7/10

227.104+/-0.069 χ^2/NDF : 29931.6/8

asym_at2_dd_correction_mean vs slug



Right In: -1280.272+/-859.442 χ^2/NDF : 0.0/0

Left Out: 123.706+/-286.884 χ^2/NDF : 7.4/9

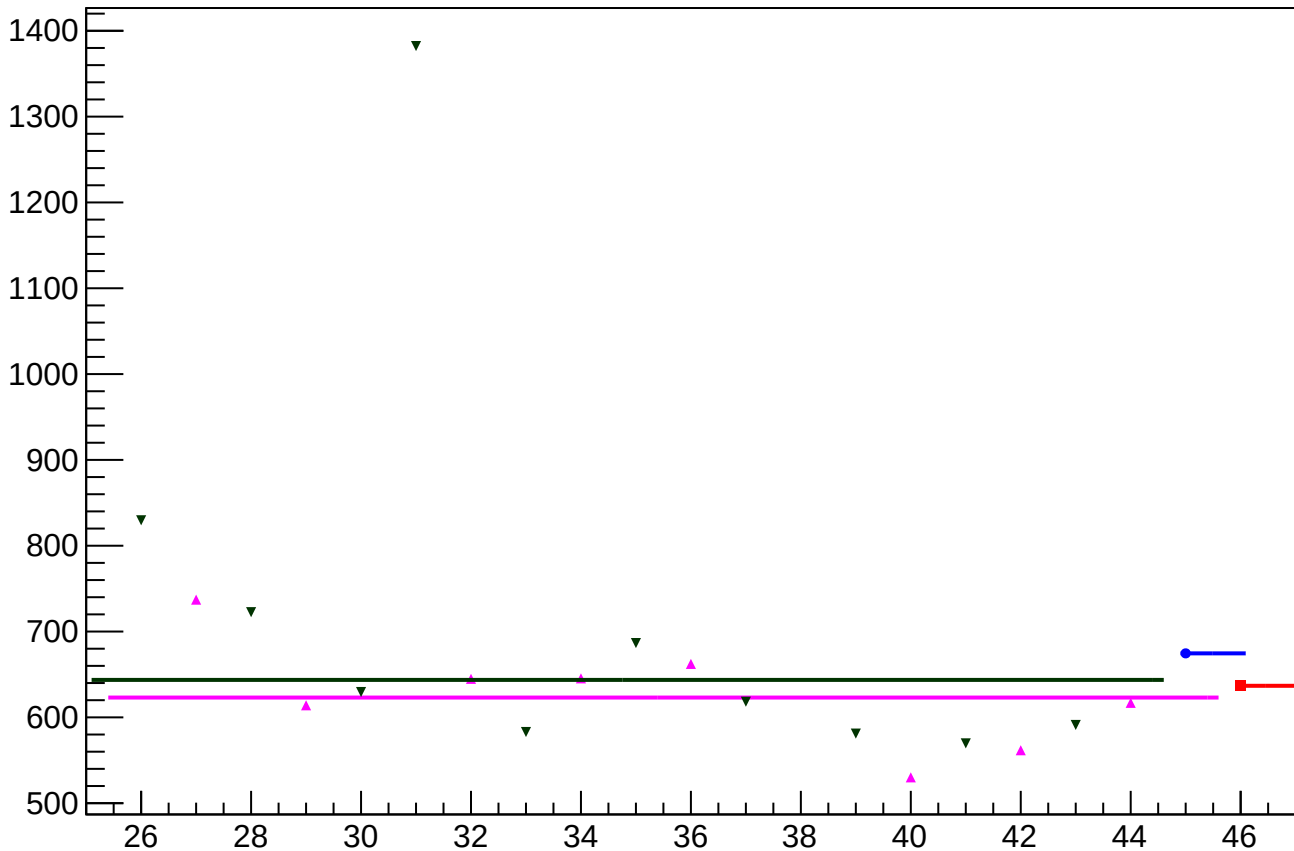
Right Out: -711.583+/-976.814 χ^2/NDF : 0.0/0

Left In: -285.318+/-277.235 χ^2/NDF : 9.0/7

-17.048+/-272.124 χ^2/NDF : 9.8/10

-317.094+/-266.701 χ^2/NDF : 9.2/8

asym_at2_dd_correction_rms vs slug



Right In: 674.569+/-0.608 χ^2/NDF : 0.0/0

Left Out: 643.644+/-0.203 χ^2/NDF : 331127.9/9

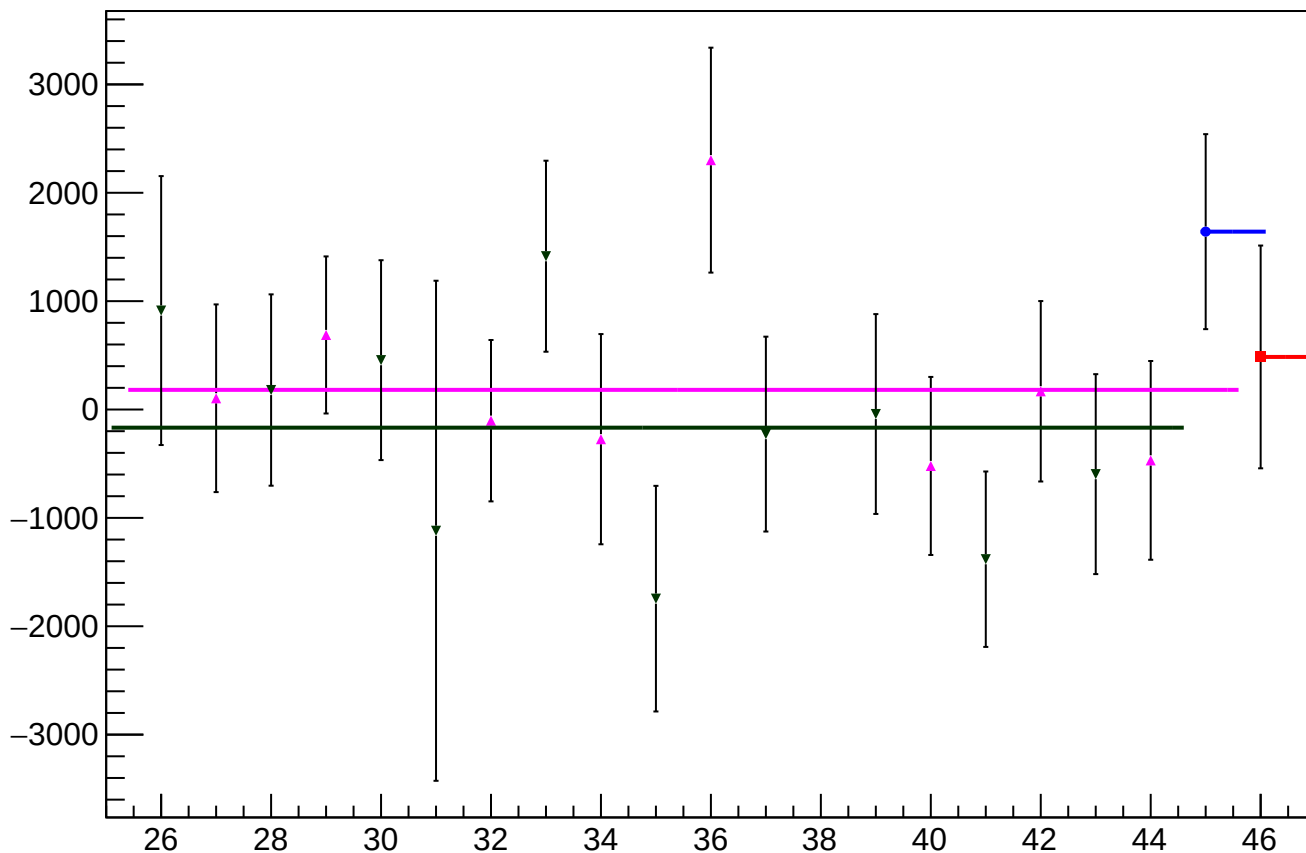
646.744+/-0.192 χ^2/NDF : 333457.8/10

Right Out: 636.781+/-0.691 χ^2/NDF : 0.0/0

624.100+/-0.189 χ^2/NDF : 90910.8/8

Left In: 623.079+/-0.196 χ^2/NDF : 90546.5/7

asym_at2_dd_mean vs slug



Right In: 1641.310+/-899.690 χ^2/NDF : 0.0/0

Left Out: -167.454+/-306.843 χ^2/NDF : 9.5/9

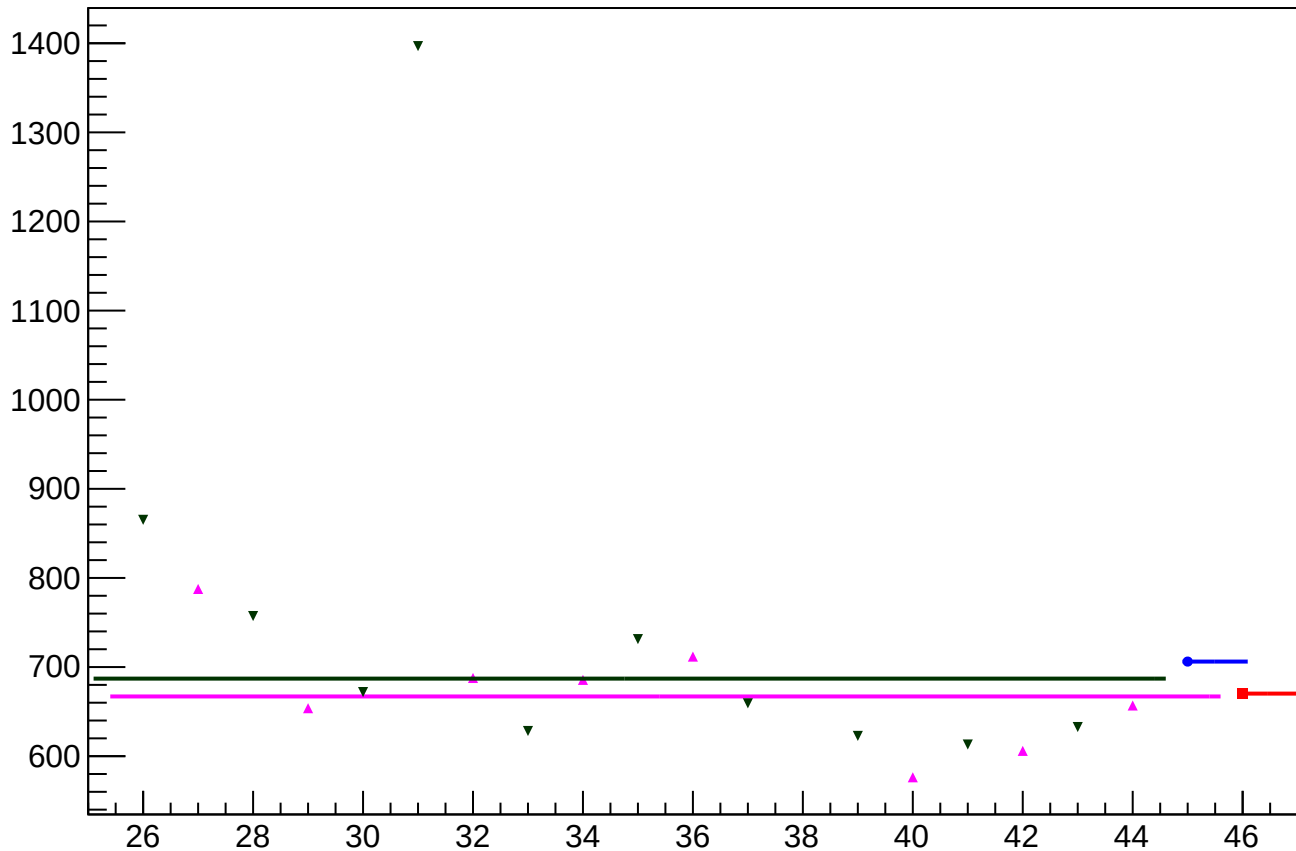
Right Out: 485.176+/-1027.884 χ^2/NDF : 0.0/0

Left In: 181.369+/-299.524 χ^2/NDF : 6.3/7

21.016+/-290.417 χ^2/NDF : 13.2/10

205.147+/-287.563 χ^2/NDF : 6.4/8

asym_at2_dd_rms vs slug



Right In: 706.154+/-0.636 χ^2/NDF : 0.0/0

Left Out: 687.034+/-0.217 χ^2/NDF : 291456.1/9

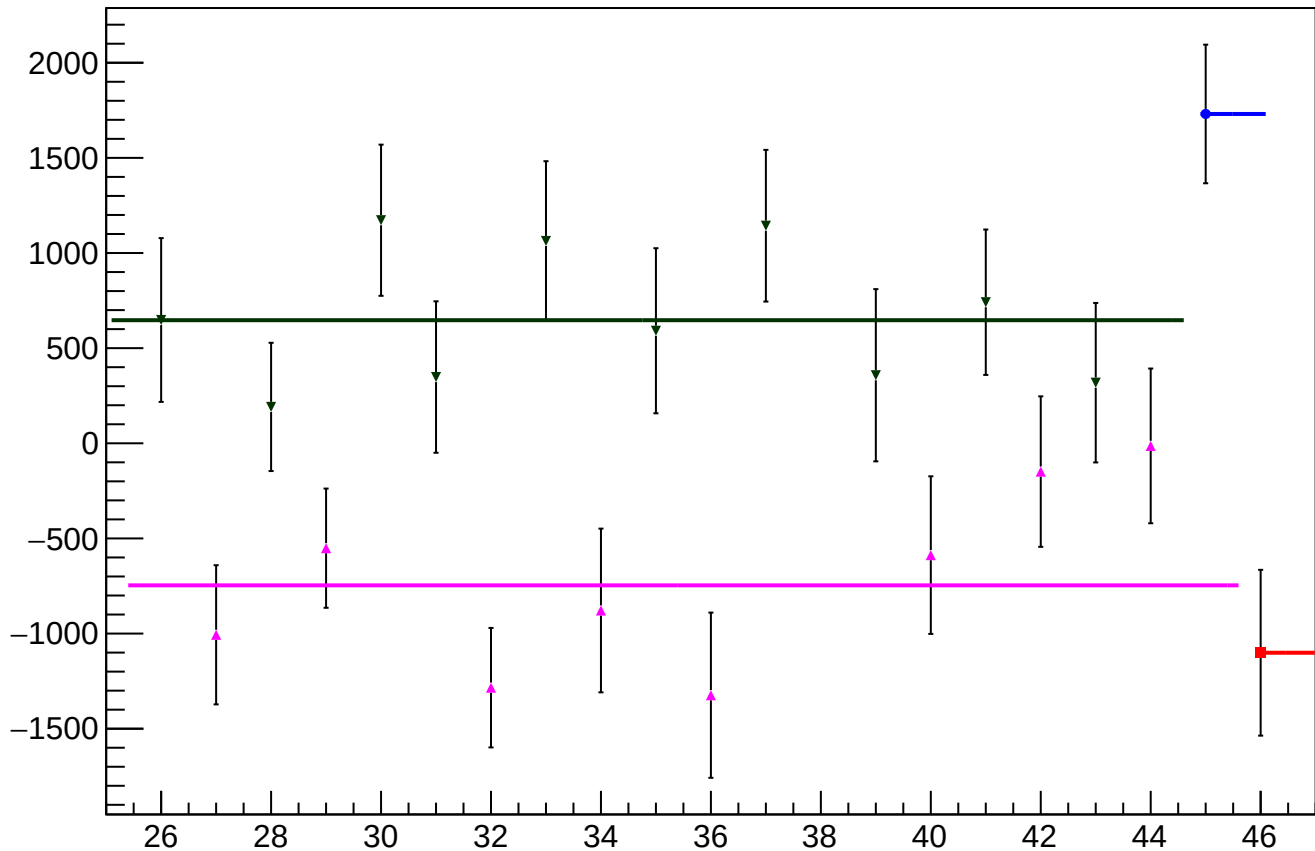
Right Out: 670.218+/-0.727 χ^2/NDF : 0.0/0

Left In: 667.018+/-0.212 χ^2/NDF : 80872.4/7

689.026+/-0.205 χ^2/NDF : 292265.2/10

667.268+/-0.203 χ^2/NDF : 80890.3/8

reg_asym_atl1r2_avg_mean vs slug



Right In: 1730.787 $\pm$ 364.201 χ^2 /NDF: 0.0/0

Left Out: 646.945 $\pm$ 127.436 χ^2 /NDF: 7.8/9

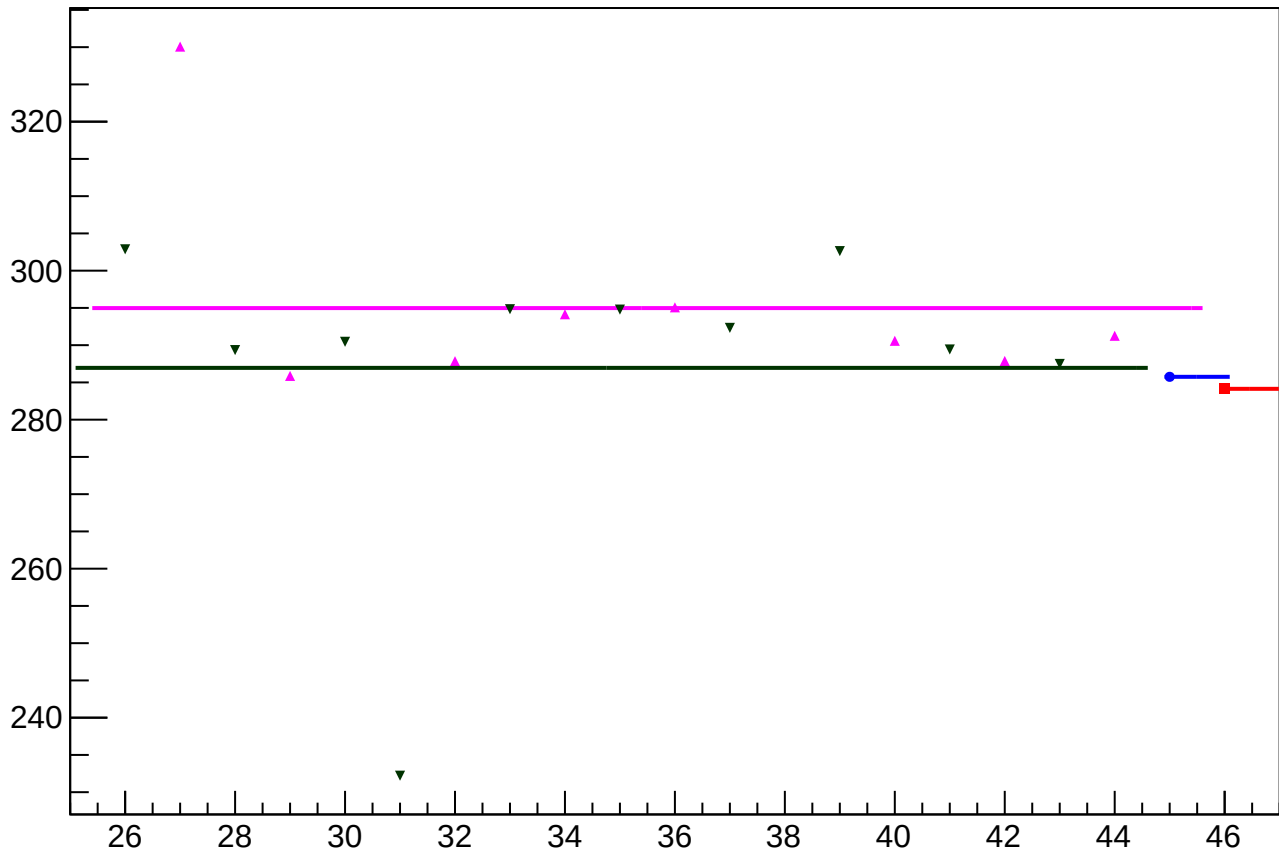
765.169 $\pm$ 120.285 χ^2 /NDF: 15.7/10

Right Out: -1100.786 $\pm$ 435.664 χ^2 /NDF: 0.0/0

-776.650 $\pm$ 126.936 χ^2 /NDF: 12.0/8

Left In: -746.580 $\pm$ 132.693 χ^2 /NDF: 11.4/7

reg_asym_atl1r2_avg_rms vs slug



Right In: 285.752+/-0.258 χ^2/NDF : 0.0/0

Left Out: 286.953+/-0.090 χ^2/NDF : 45031.7/9

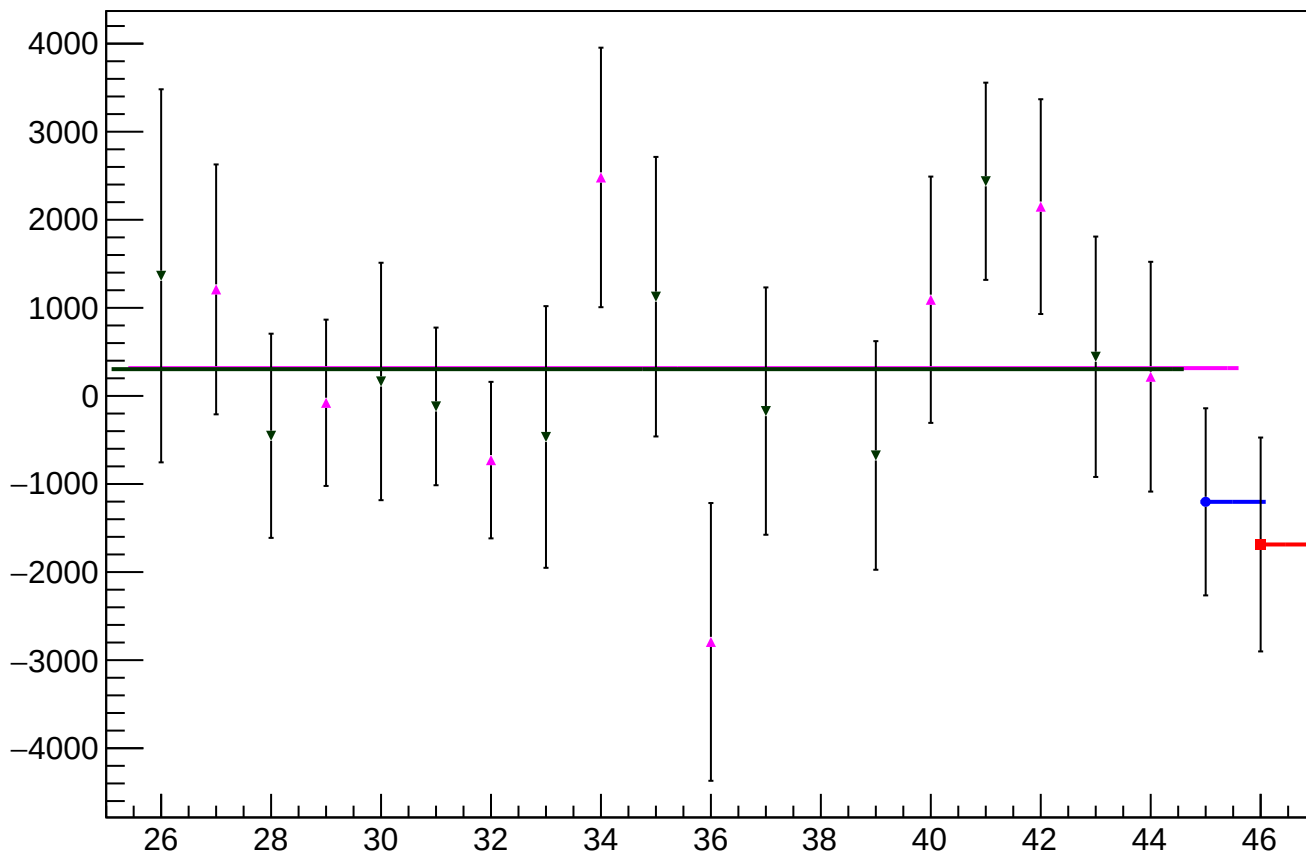
286.822+/-0.085 χ^2/NDF : 45051.1/10

Right Out: 284.140+/-0.308 χ^2/NDF : 0.0/0

294.057+/-0.090 χ^2/NDF : 23308.2/8

Left In: 294.977+/-0.094 χ^2/NDF : 22175.8/7

asym_atl1r2_avg_correction_mean vs slug



Right In: -1202.561+/-1062.320 χ^2 /NDF: 0.0/0

Left Out: 303.959+/-406.510 χ^2 /NDF: 5.8/9

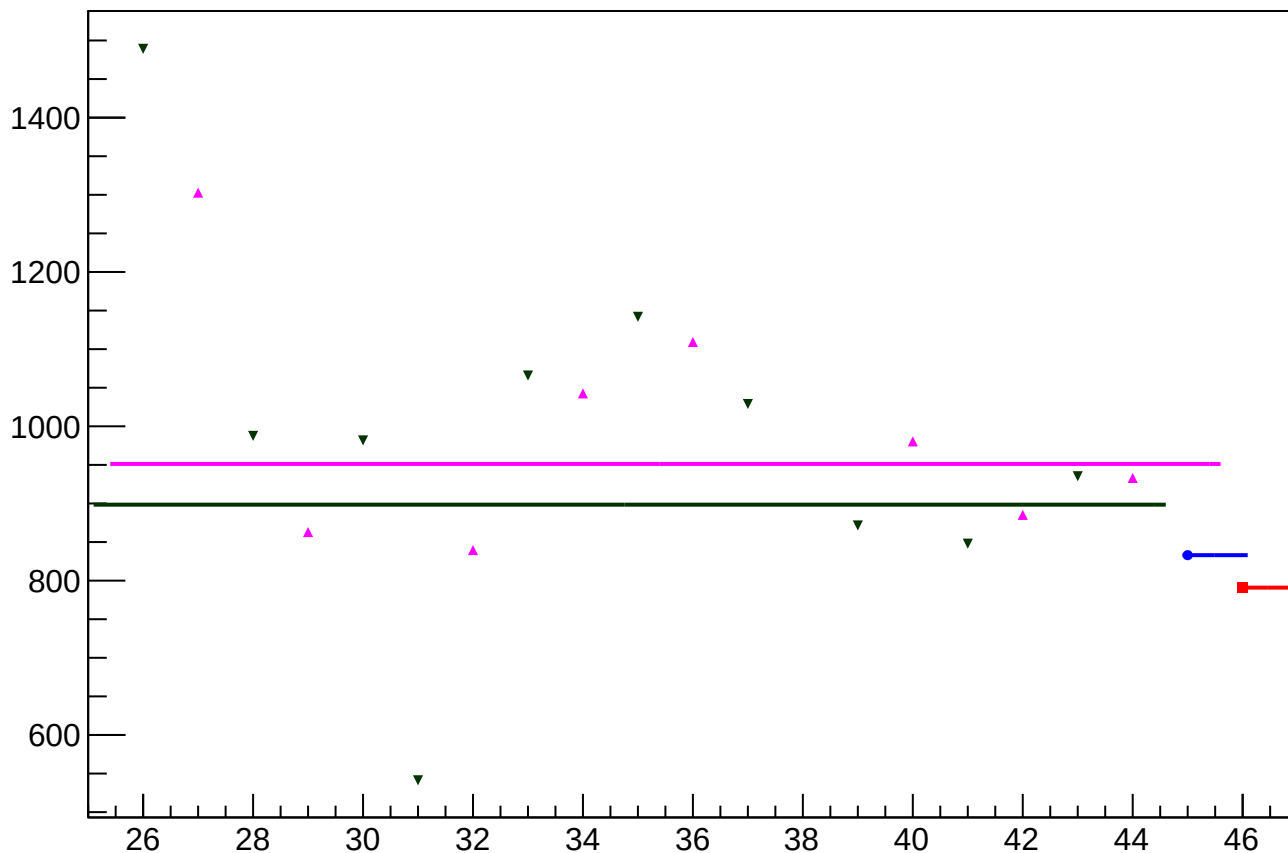
Right Out: -1686.747+/-1214.305 χ^2 /NDF: 0.0/0

Left In: 315.709+/-425.643 χ^2 /NDF: 10.6/7

111.535+/-379.662 χ^2 /NDF: 7.5/10

96.595+/-401.681 χ^2 /NDF: 13.0/8

asym_atl1r2_avg_correction_rms vs slug



Right In: 833.017+/-0.751 χ^2/NDF : 0.0/0

Left Out: 898.453+/-0.287 χ^2/NDF : 589701.9/9

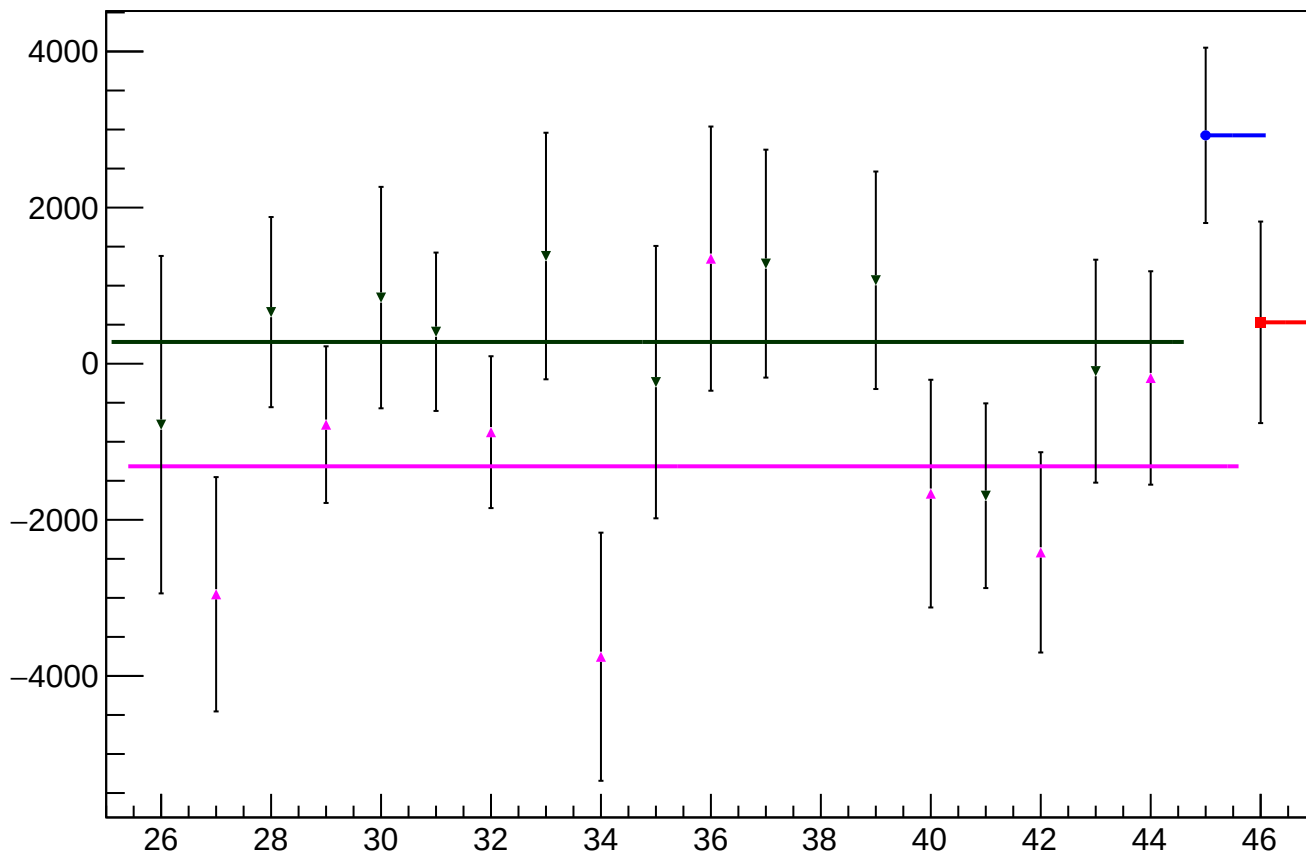
Right Out: 790.951+/-0.859 χ^2/NDF : 0.0/0

Left In: 951.224+/-0.301 χ^2/NDF : 206752.8/7

890.095+/-0.268 χ^2/NDF : 596321.2/10

933.687+/-0.284 χ^2/NDF : 237782.0/8

asym_atl1r2_avg_mean vs slug



Right In: 2925.683 $\pm$ 1123.131 χ^2 /NDF: 0.0/0

Left Out: 278.652 $\pm$ 435.403 χ^2 /NDF: 4.7/9

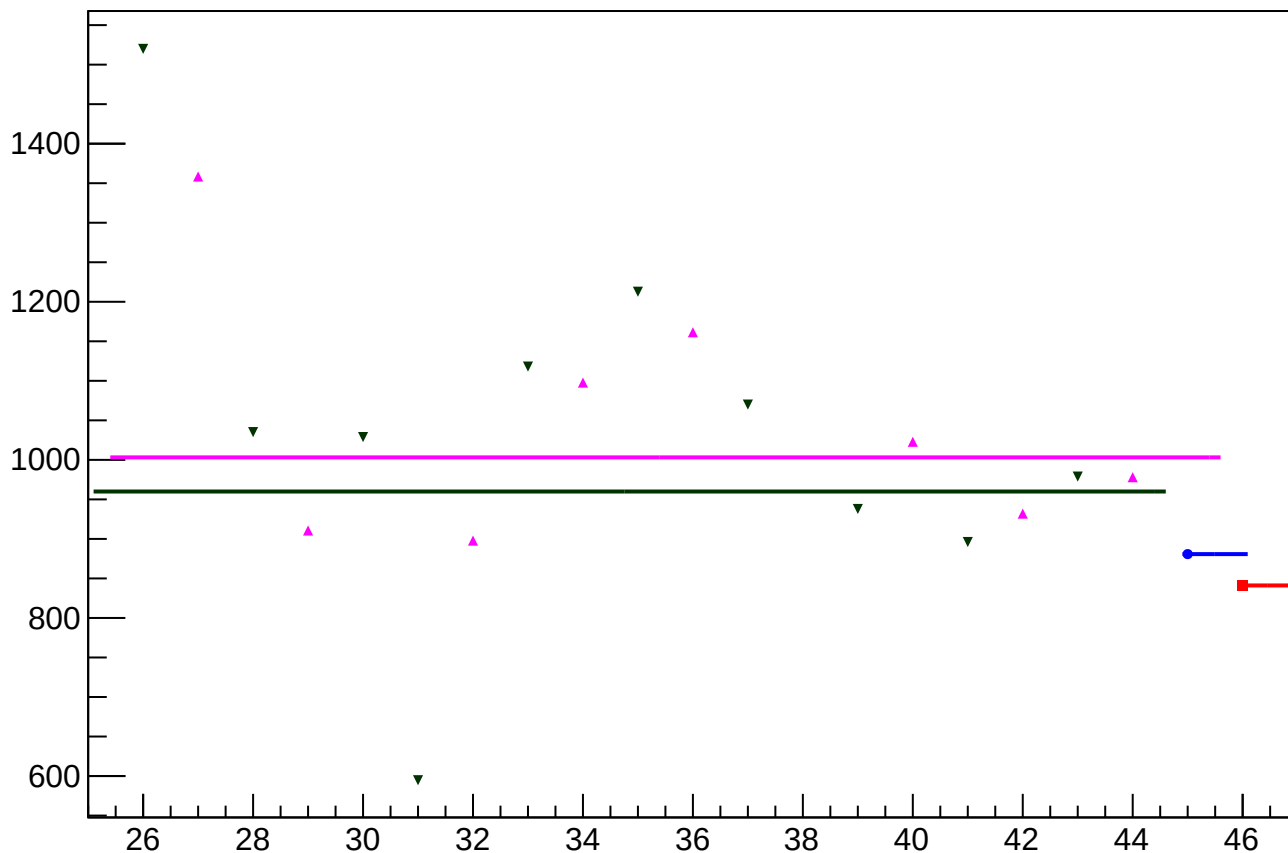
Right Out: 530.124 $\pm$ 1290.951 χ^2 /NDF: 0.0/0

Left In: -1314.458 $\pm$ 454.003 χ^2 /NDF: 8.0/7

624.493 $\pm$ 405.965 χ^2 /NDF: 9.6/10

-1111.432 $\pm$ 428.289 χ^2 /NDF: 9.8/8

asym_atl1r2_avg_rms vs slug



Right In: 880.773+/-0.794 χ^2/NDF : 0.0/0

Left Out: 959.970+/-0.308 χ^2/NDF : 485856.9/9

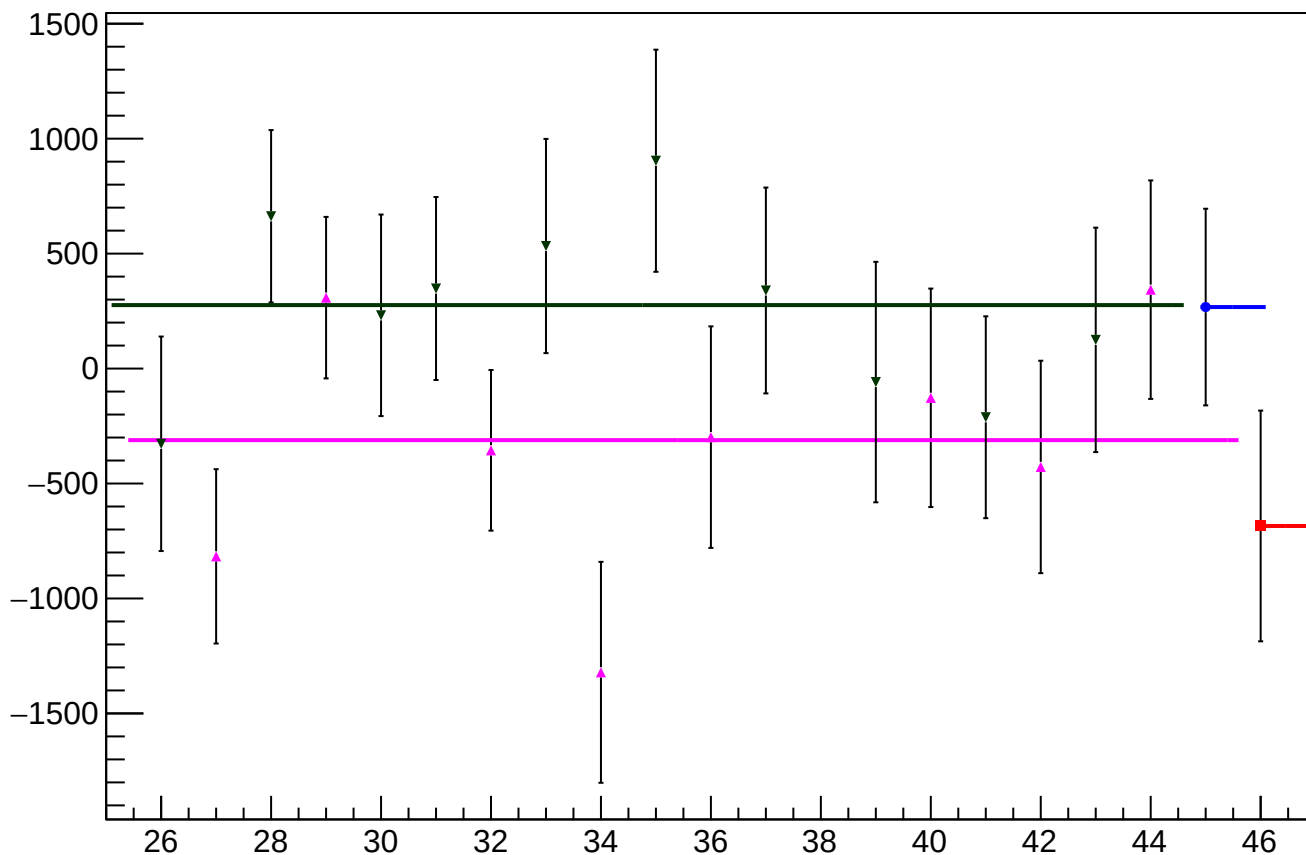
Right Out: 841.138+/-0.913 χ^2/NDF : 0.0/0

Left In: 1003.146+/-0.321 χ^2/NDF : 184277.9/7

949.623+/-0.287 χ^2/NDF : 494502.2/10

985.315+/-0.303 χ^2/NDF : 212309.0/8

reg_asym_atl1r2_dd_mean vs slug



Right In: 267.558+/-427.646 χ^2/NDF : 0.0/0

Left Out: 276.090+/-141.202 χ^2/NDF : 6.5/9

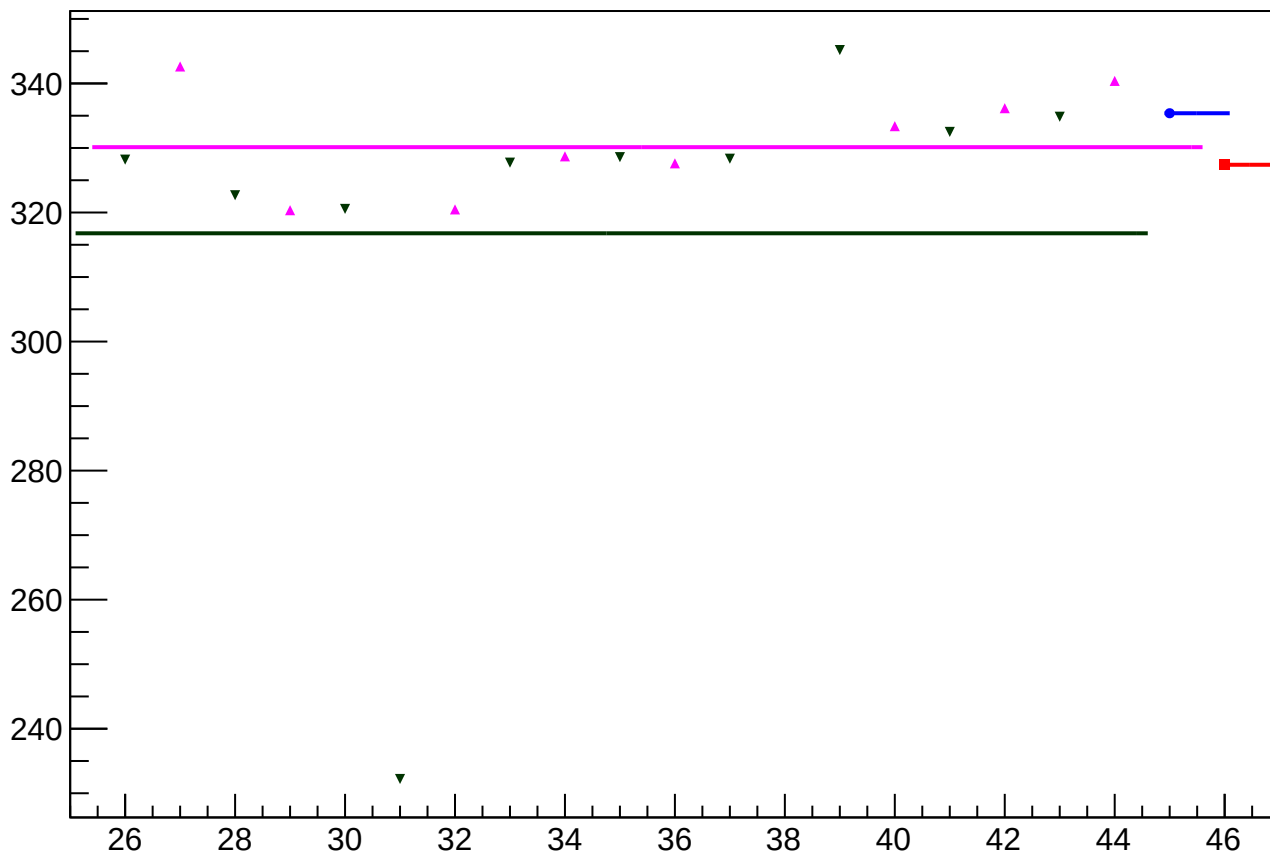
Right Out: -684.654+/-501.743 χ^2/NDF : 0.0/0

Left In: -311.389+/-148.343 χ^2/NDF : 11.4/7

275.251+/-134.082 χ^2/NDF : 6.5/10

-341.394+/-142.255 χ^2/NDF : 11.9/8

reg_asym_atl1r2_dd_rms vs slug



Right In: 335.384 ± 0.302 χ^2/NDF : 0.0/0

Left Out: 316.778 ± 0.100 χ^2/NDF : 106979.2/9

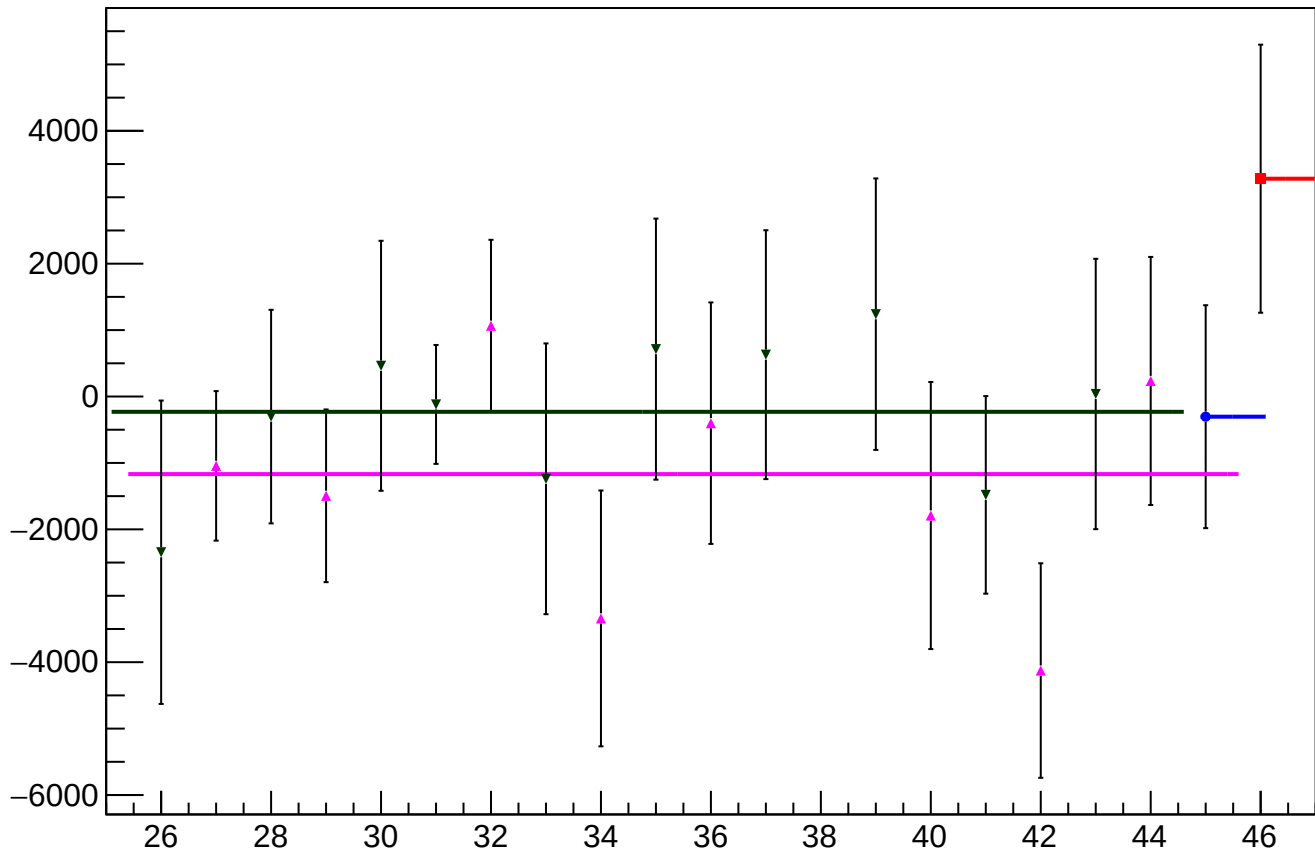
Right Out: 327.399 ± 0.355 χ^2/NDF : 0.0/0

Left In: 330.127 ± 0.105 χ^2/NDF : 6690.1/7

318.607 ± 0.095 χ^2/NDF : 110392.7/10

329.907 ± 0.101 χ^2/NDF : 6744.4/8

asym_atl1r2_dd_correction_mean vs slug



Right In: -303.697 $\pm$ 1678.178 χ^2 /NDF: 0.0/0

Left Out: -230.495 $\pm$ 511.193 χ^2 /NDF: 2.9/9

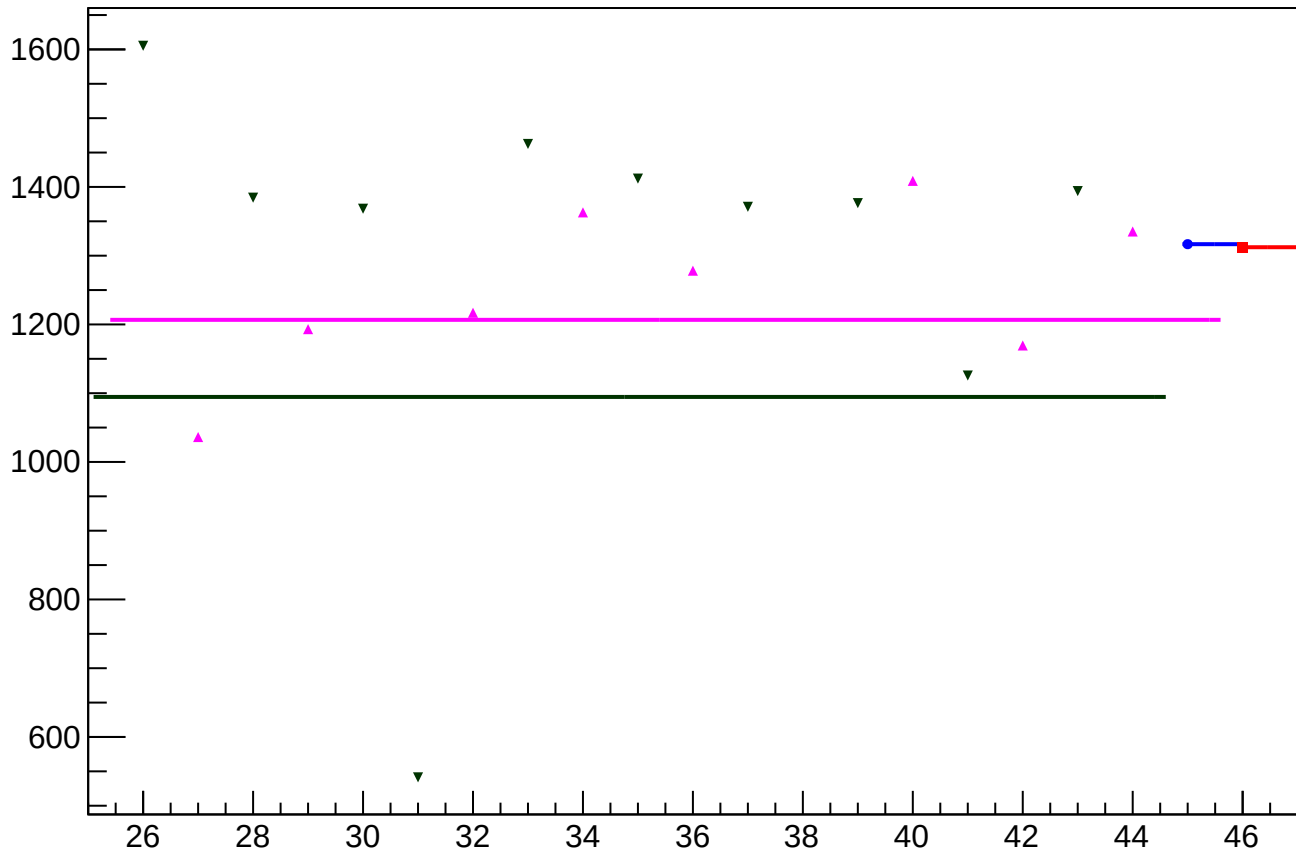
-236.710 $\pm$ 489.009 χ^2 /NDF: 2.9/10

Right Out: 3279.349 $\pm$ 2018.029 χ^2 /NDF: 0.0/0

-874.012 $\pm$ 518.900 χ^2 /NDF: 13.1/8

Left In: -1168.061 $\pm$ 536.955 χ^2 /NDF: 8.5/7

asym_atl1r2_dd_correction_rms vs slug



Right In: 1316.740+/-1.187 χ^2/NDF : 0.0/0

Left Out: 1094.559+/-0.361 χ^2/NDF : 1214879.1/9

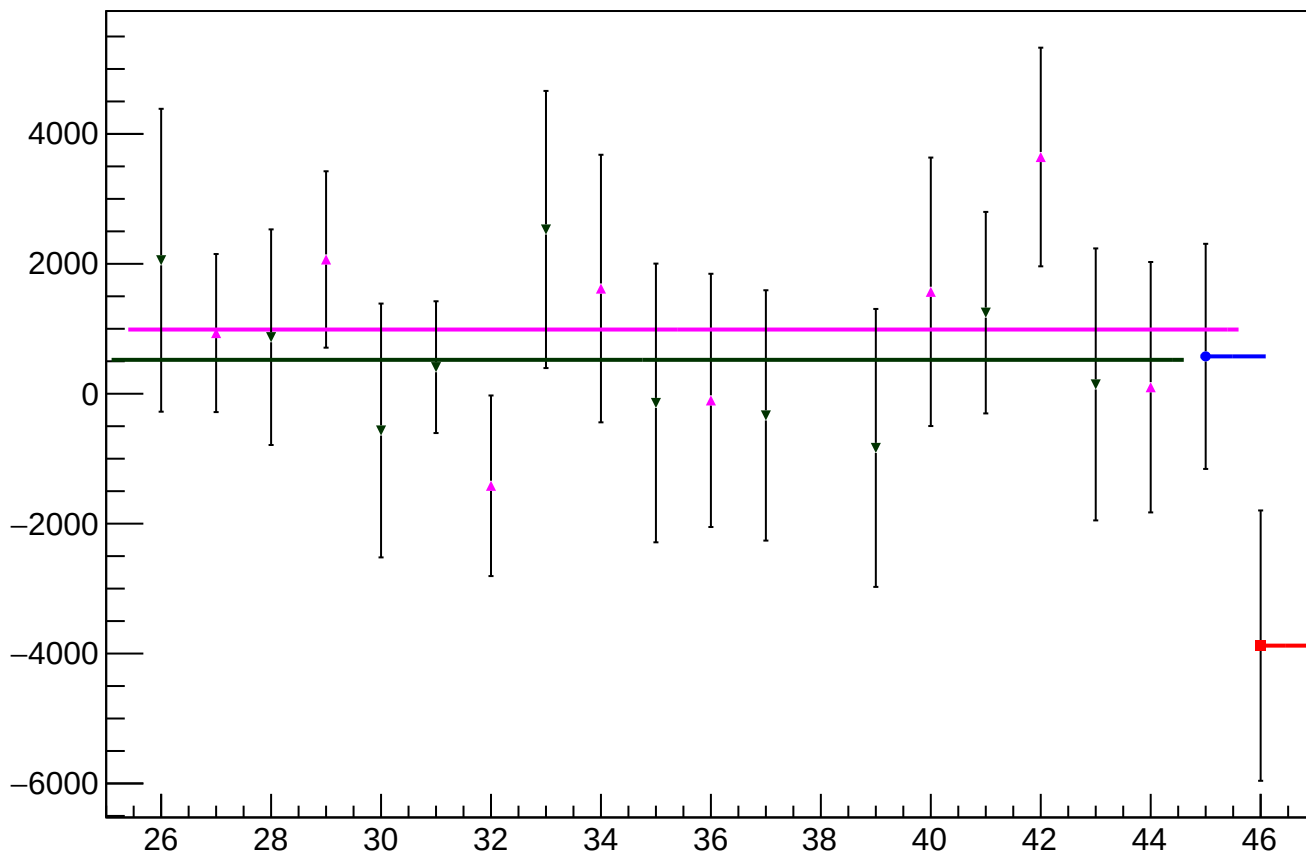
1113.424+/-0.346 χ^2/NDF : 1246958.8/10

Right Out: 1312.303+/-1.427 χ^2/NDF : 0.0/0

1213.669+/-0.367 χ^2/NDF : 98341.5/8

Left In: 1206.686+/-0.380 χ^2/NDF : 93225.4/7

asym_atl1r2_dd_mean vs slug



Right In: 575.173+/-1732.985 χ^2/NDF : 0.0/0

Left Out: 521.878+/-546.444 χ^2/NDF : 2.6/9

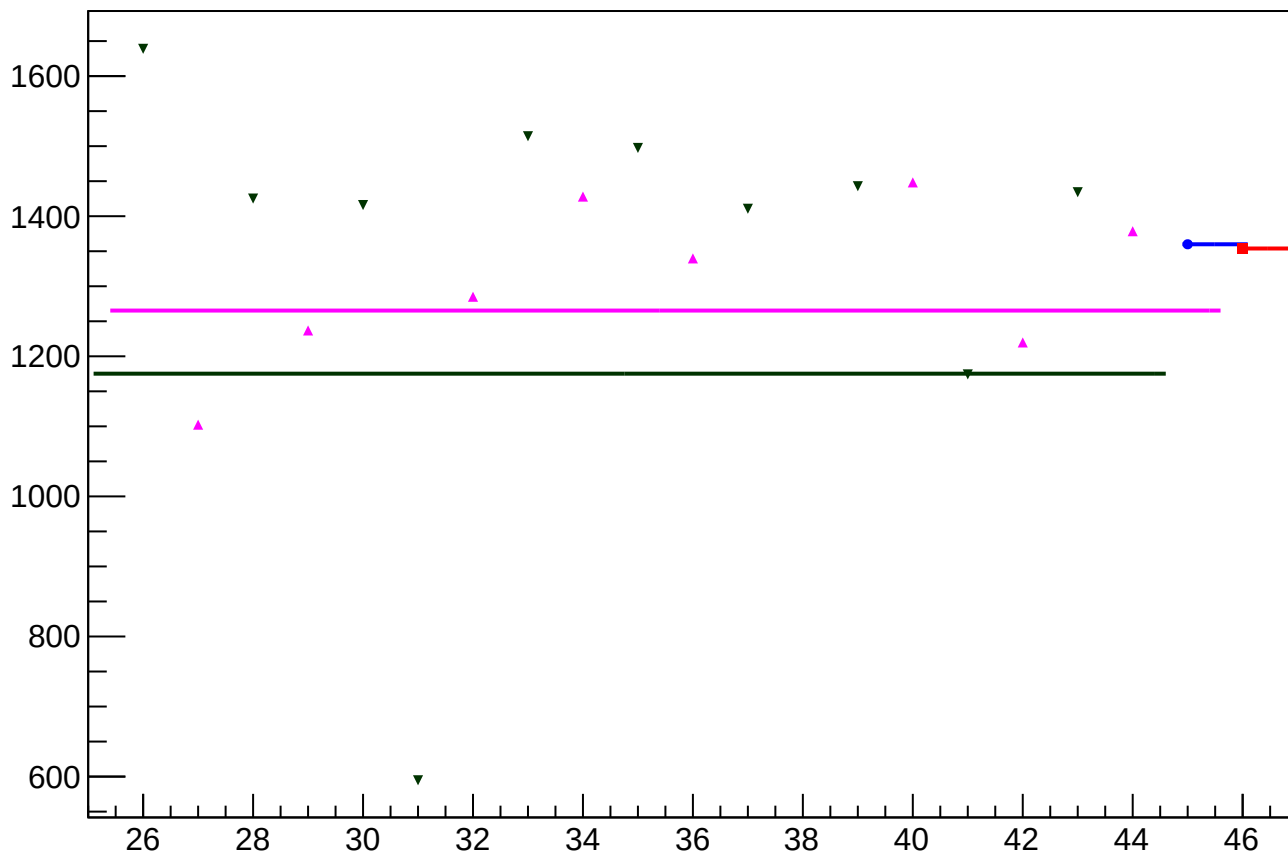
Right Out: -3877.976+/-2081.057 χ^2/NDF : 0.0/0

Left In: 988.467+/-568.860 χ^2/NDF : 6.8/7

526.698+/-521.150 χ^2/NDF : 2.6/10

650.122+/-548.729 χ^2/NDF : 11.9/8

asym_atl1r2_dd_rms vs slug



Right In: 1359.937+/-1.225 χ^2/NDF : 0.0/0

Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

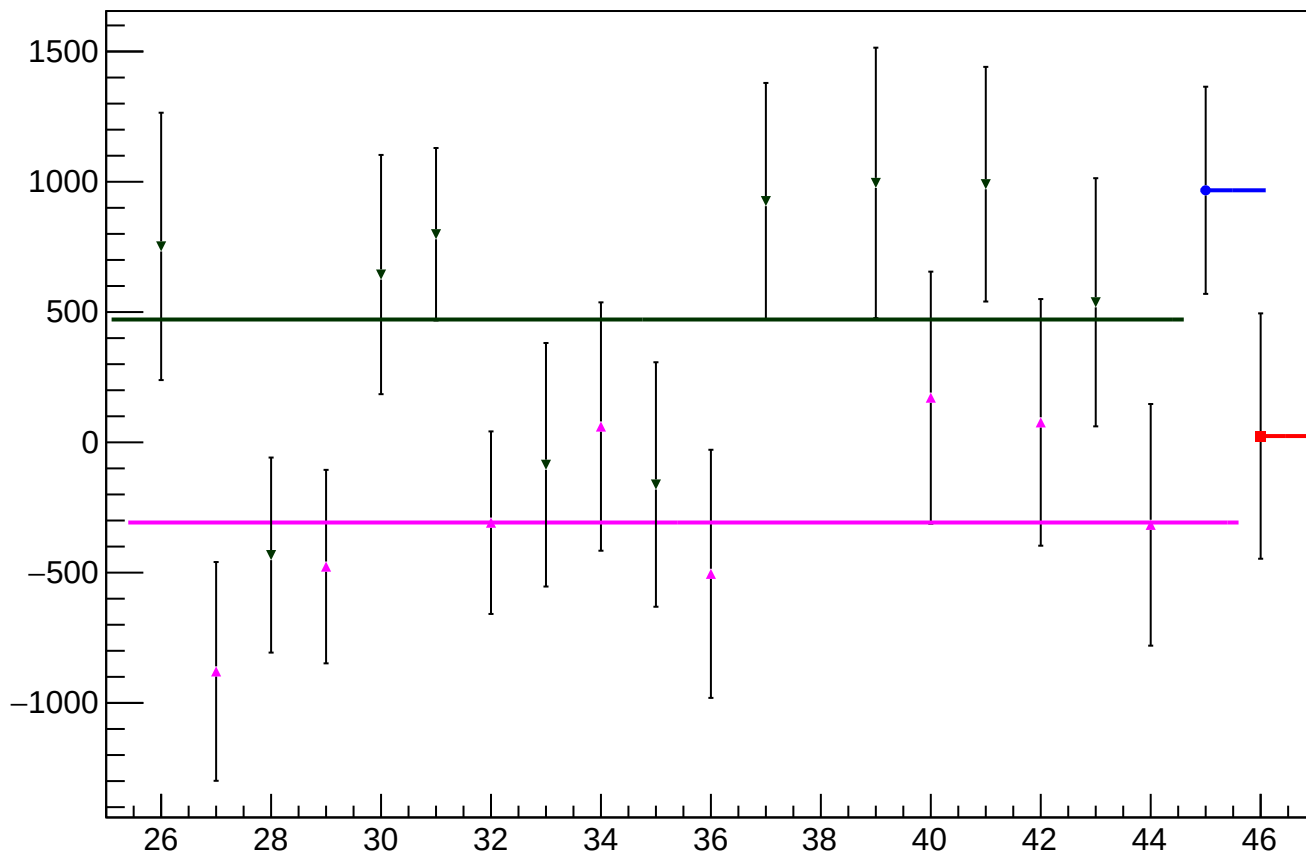
Right Out: 1353.899+/-1.472 χ^2/NDF : 0.0/0

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1191.907+/-0.369 χ^2/NDF : 1017748.5/10

1271.467+/-0.388 χ^2/NDF : 79935.6/8

reg_asym_atr1l2_avg_mean vs slug



Right In: 967.301 $\pm$ 397.533 χ^2/NDF : 0.0/0

Left Out: 471.416 $\pm$ 138.869 χ^2/NDF :13.9/9

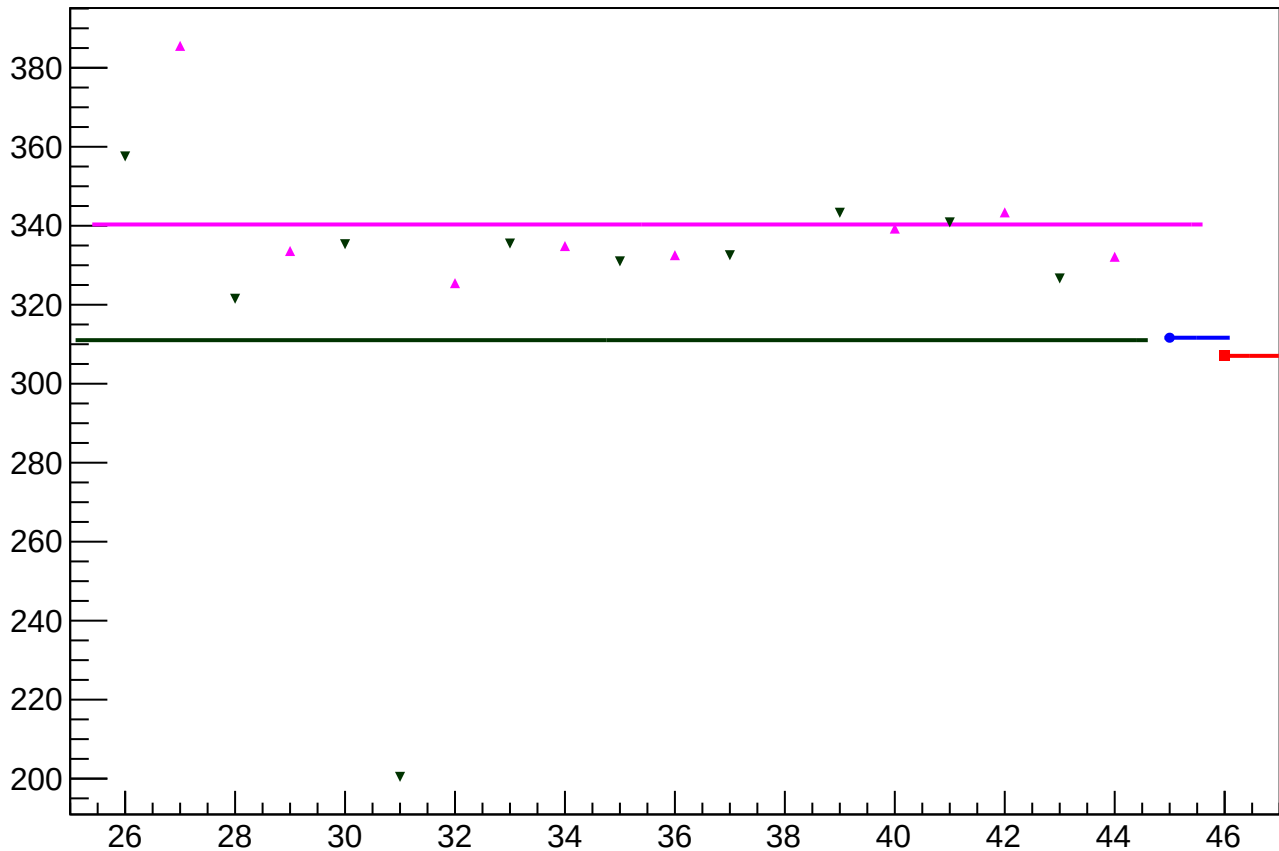
Right Out: 24.142 $\pm$ 470.836 χ^2/NDF : 0.0/0

Left In: -307.654 $\pm$ 151.998 χ^2/NDF :4.5/7

525.347 $\pm$ 131.100 χ^2/NDF : 15.3/10

-276.339 $\pm$ 144.647 χ^2/NDF : 4.9/8

reg_asym_atr1l2_avg_rms vs slug



Right In: 311.648 $\pm$ 0.281 χ^2 /NDF: 0.0/0

Left Out: 311.029 $\pm$ 0.098 χ^2 /NDF:279202.9/9

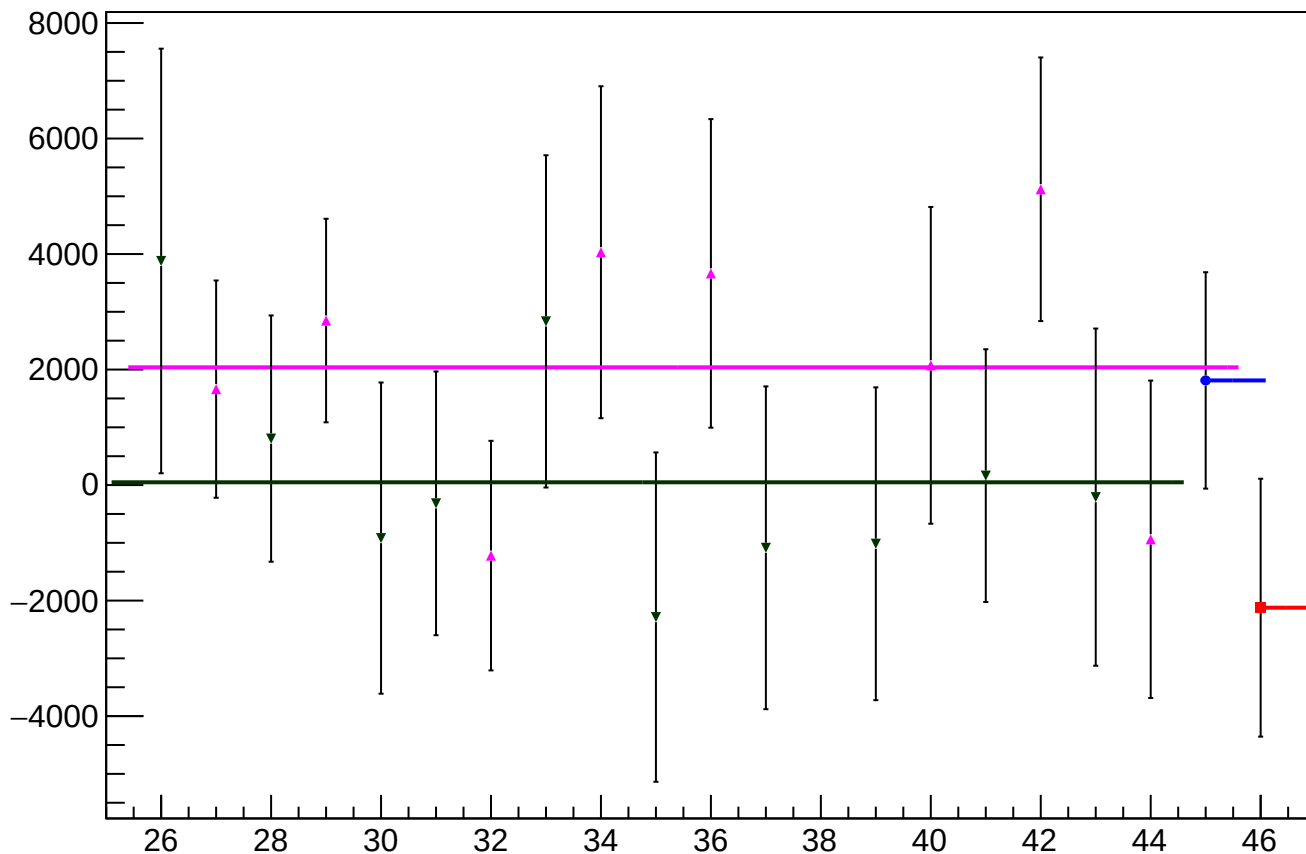
311.097 $\pm$ 0.093 χ^2 /NDF: 279207.3/10

Right Out: 307.056 $\pm$ 0.333 χ^2 /NDF: 0.0/0

337.184 $\pm$ 0.102 χ^2 /NDF: 38020.5/8

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF:28978.3/7

asym_atr1l2_avg_correction_mean vs slug



Right In: 1811.899+/-1873.572 χ^2/NDF : 0.0/0

Left Out: 48.343+/-828.109 χ^2/NDF : 3.3/9

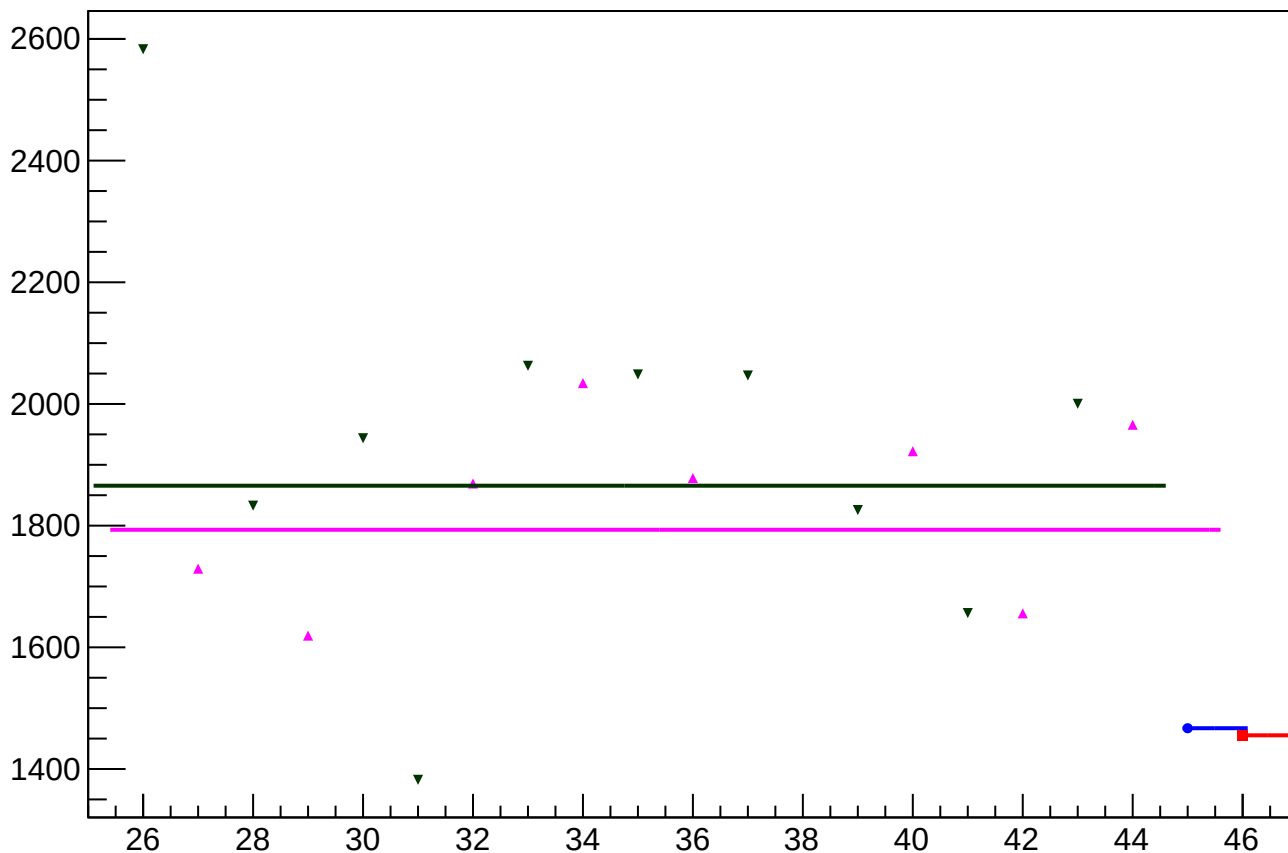
Right Out: -2122.826+/-2232.637 χ^2/NDF : 0.0/0

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

336.563+/-757.422 χ^2/NDF : 4.0/10

1568.967+/-750.094 χ^2/NDF : 9.9/8

asym_atr1l2_avg_correction_rms vs slug



Right In: 1467.036 ± 1.325 χ^2/NDF : 0.0/0

Left Out: 1865.656 ± 0.586 χ^2/NDF : 217022.9/9

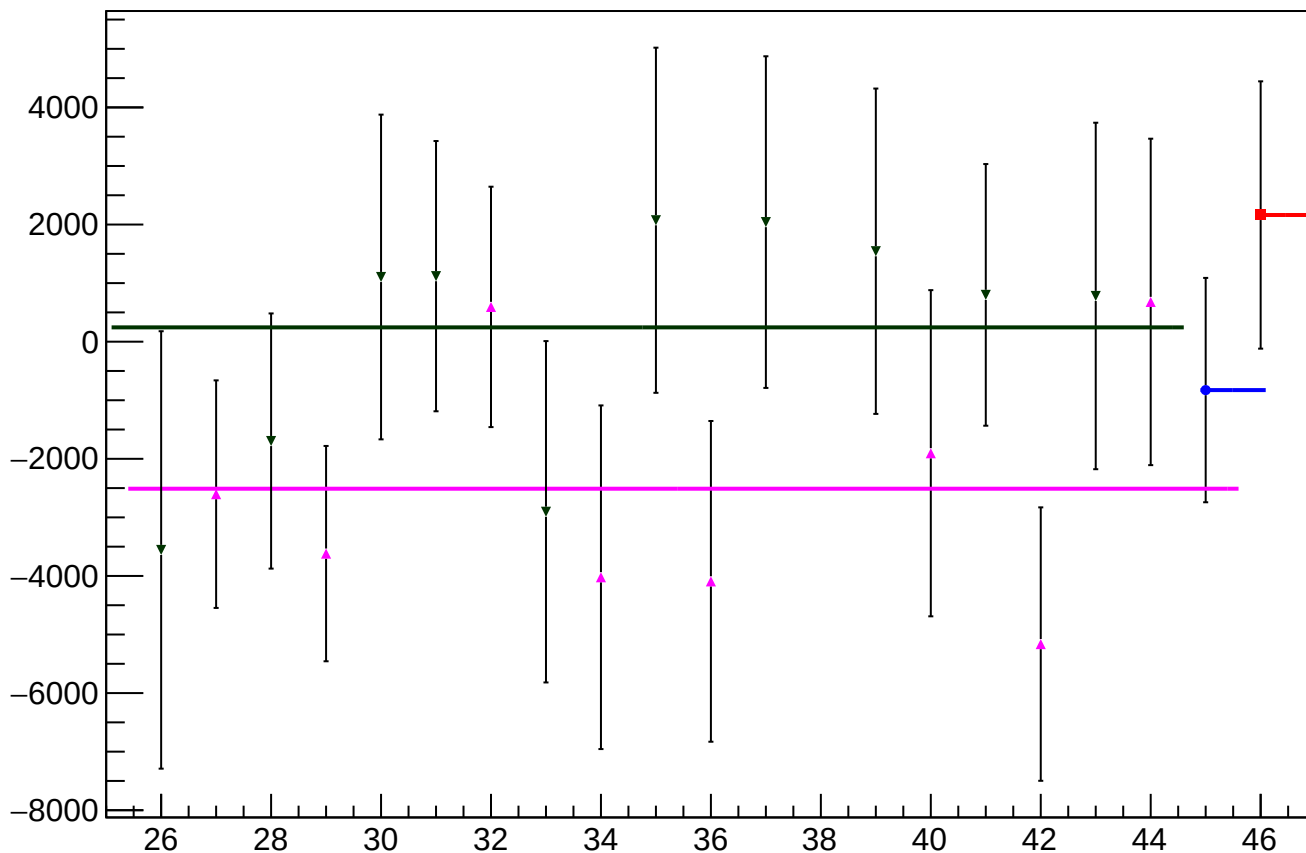
Right Out: 1455.394 ± 1.579 χ^2/NDF : 0.0/0

Left In: 1793.191 ± 0.563 χ^2/NDF : 60429.1/7

1800.509 ± 0.536 χ^2/NDF : 292760.0/10

1755.062 ± 0.530 χ^2/NDF : 101044.5/8

asym_atr1l2_avg_mean vs slug



Right In: -826.521+/-1915.452 χ^2/NDF : 0.0/0

Left Out: 244.304+/-844.452 χ^2/NDF : 4.3/9

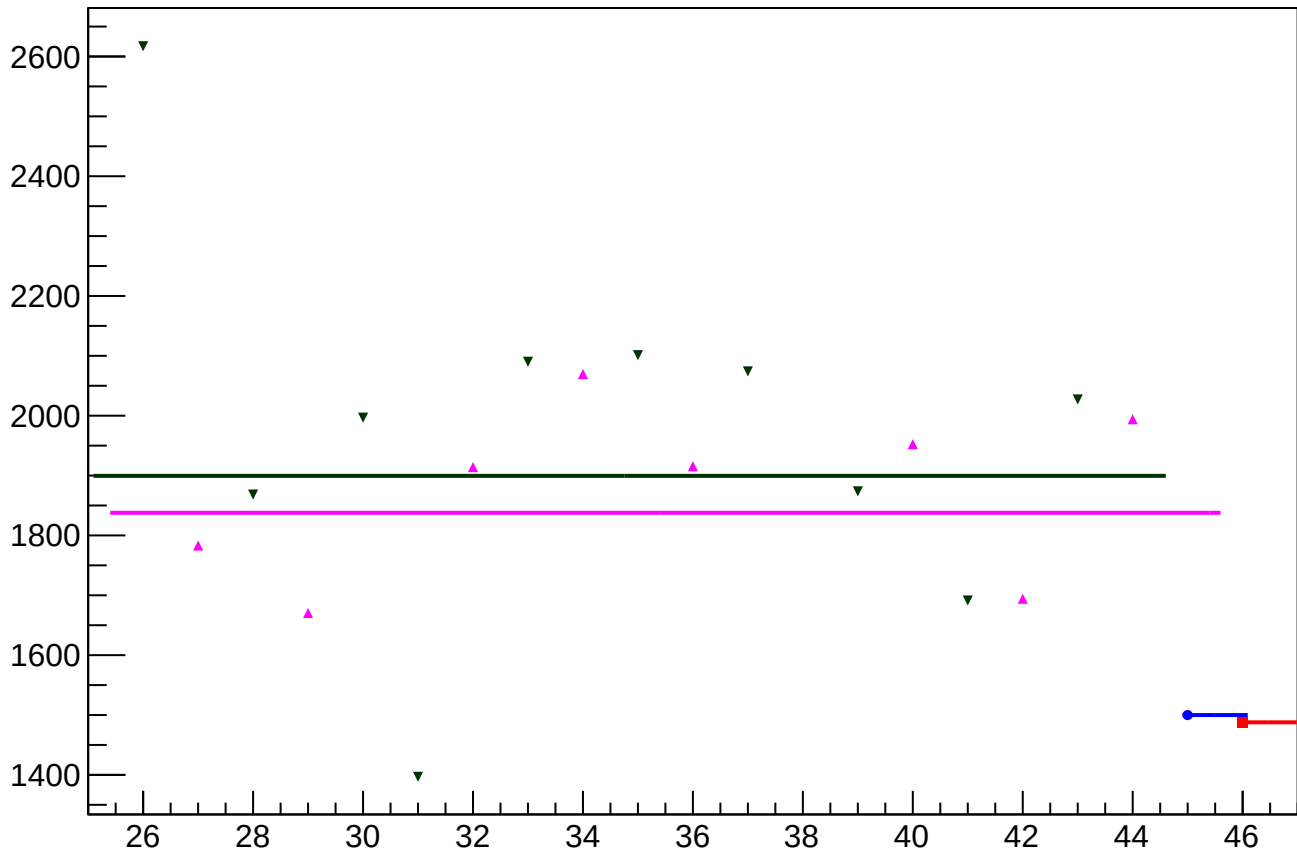
Right Out: 2163.103+/-2282.208 χ^2/NDF : 0.0/0

Left In: -2510.541+/-819.482 χ^2/NDF : 5.9/7

70.047+/-772.694 χ^2/NDF : 4.6/10

-1976.770+/-771.267 χ^2/NDF : 9.6/8

asym_atr1l2_avg_rms vs slug



Right In: 1499.933+/-1.354 χ^2/NDF : 0.0/0

Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

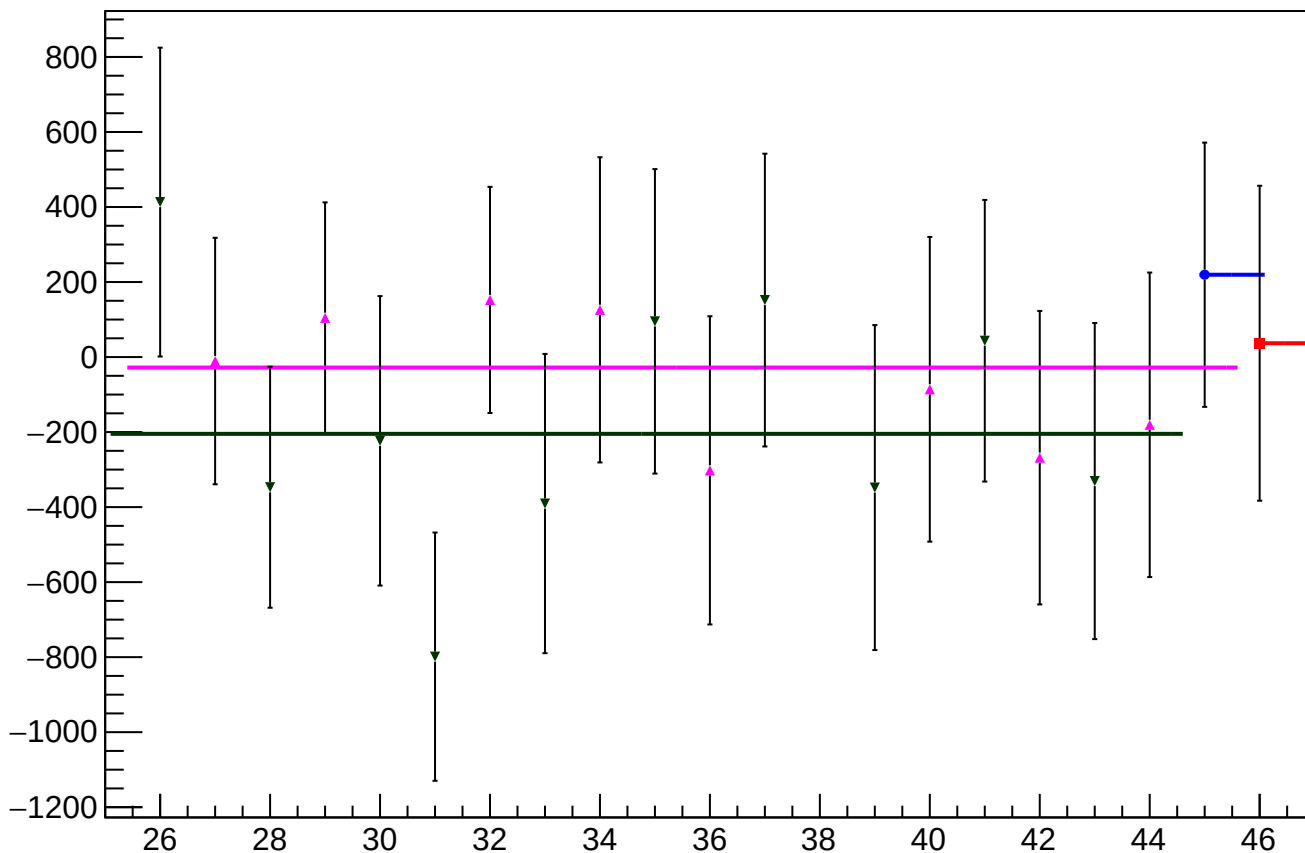
1834.492+/-0.546 χ^2/NDF : 291321.9/10

Right Out: 1487.816+/-1.614 χ^2/NDF : 0.0/0

1797.836+/-0.545 χ^2/NDF : 93932.8/8

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

reg_asym_atr1l2_dd_mean vs slug



Right In: 219.465+/-352.234 χ^2/NDF : 0.0/0

Left Out: -204.705+/-120.898 χ^2/NDF : 7.9/9

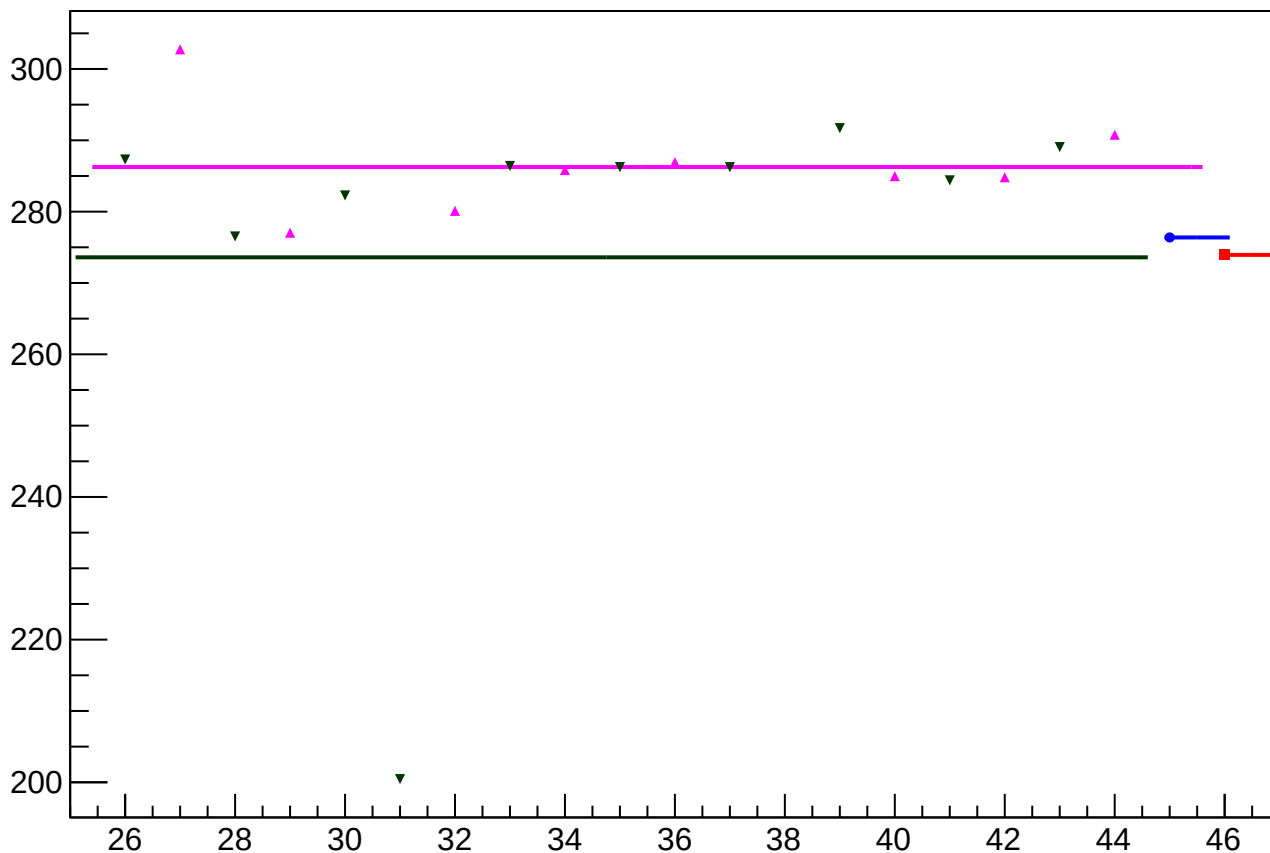
Right Out: 36.852+/-419.793 χ^2/NDF : 0.0/0

Left In: -27.916+/-127.552 χ^2/NDF : 1.7/7

-160.000+/-114.350 χ^2/NDF : 9.2/10

-22.442+/-122.043 χ^2/NDF : 1.7/8

reg_asym_atr1l2_dd_rms vs slug



Right In: 276.382 ± 0.249 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 273.889 ± 0.081 $\chi^2/\text{NDF}: 115180.4/10$

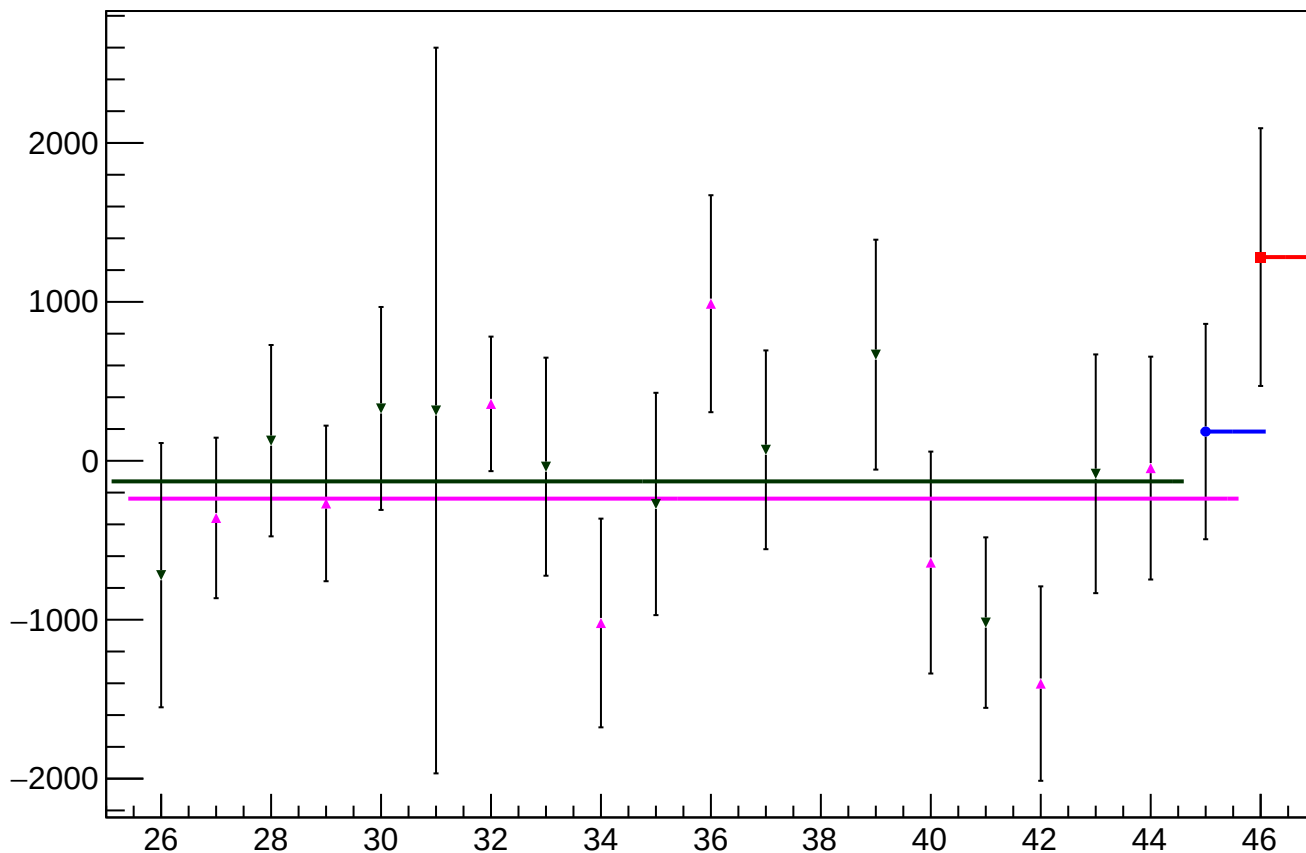
273.889 ± 0.081 $\chi^2/\text{NDF}: 115180.4/10$

Right Out: 273.936 ± 0.297 $\chi^2/\text{NDF}: 0.0/0$

285.214 ± 0.086 $\chi^2/\text{NDF}: 9545.4/8$

Left In: 286.255 ± 0.090 $\chi^2/\text{NDF}: 7968.8/7$

asym_atr1l2_dd_correction_mean vs slug



Right In: 183.988 $\pm$ 677.574 χ^2 /NDF: 0.0/0

Left Out: -129.532 $\pm$ 219.616 χ^2 /NDF: 5.4/9

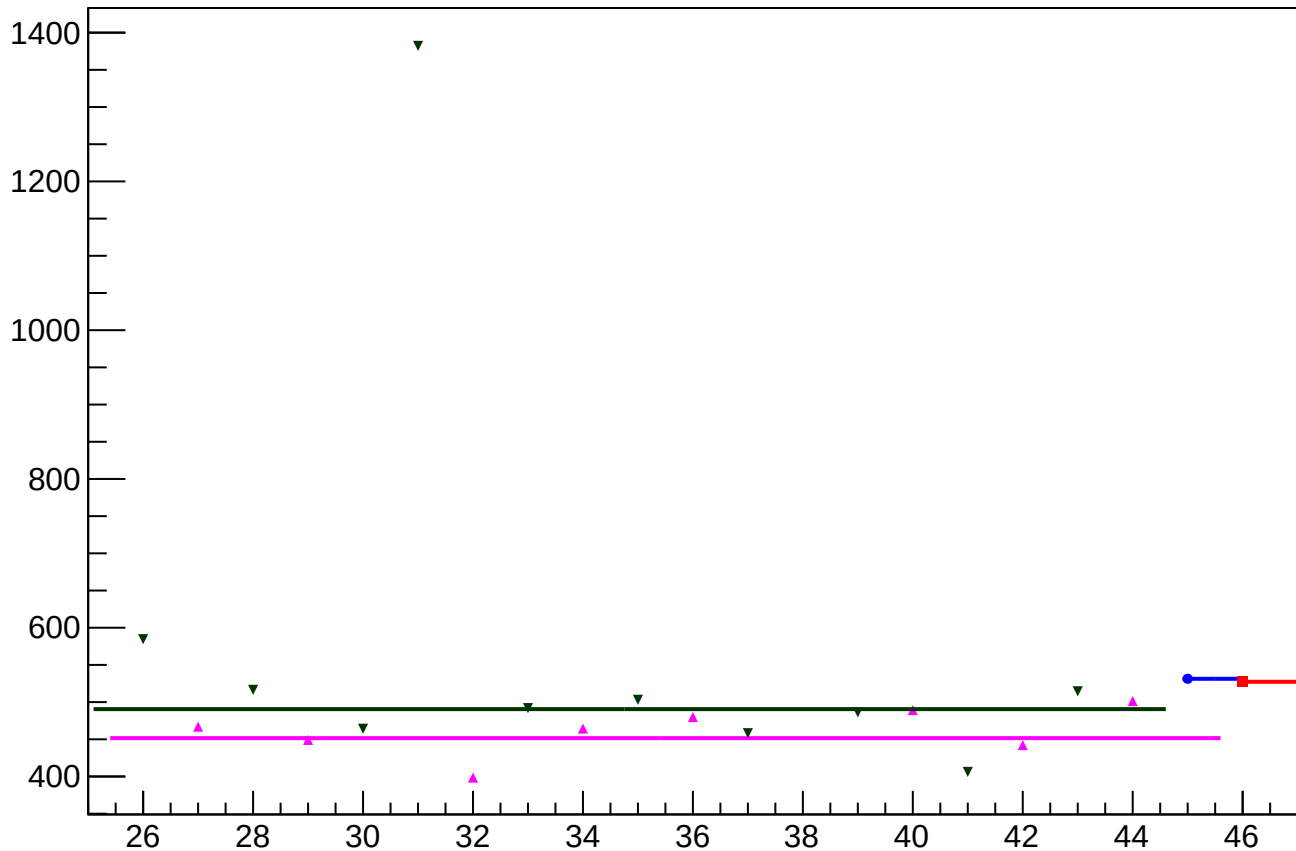
-99.726 $\pm$ 208.916 χ^2 /NDF: 5.6/10

Right Out: 1281.890 $\pm$ 810.993 χ^2 /NDF: 0.0/0

-150.593 $\pm$ 194.556 χ^2 /NDF: 14.0/8

Left In: -238.069 $\pm$ 200.408 χ^2 /NDF: 10.7/7

asym_atr1l2_dd_correction_rms vs slug



Right In: 531.347 ± 0.479 χ^2/NDF : 0.0/0

Left Out: 490.574 ± 0.155 χ^2/NDF : 395329.3/9

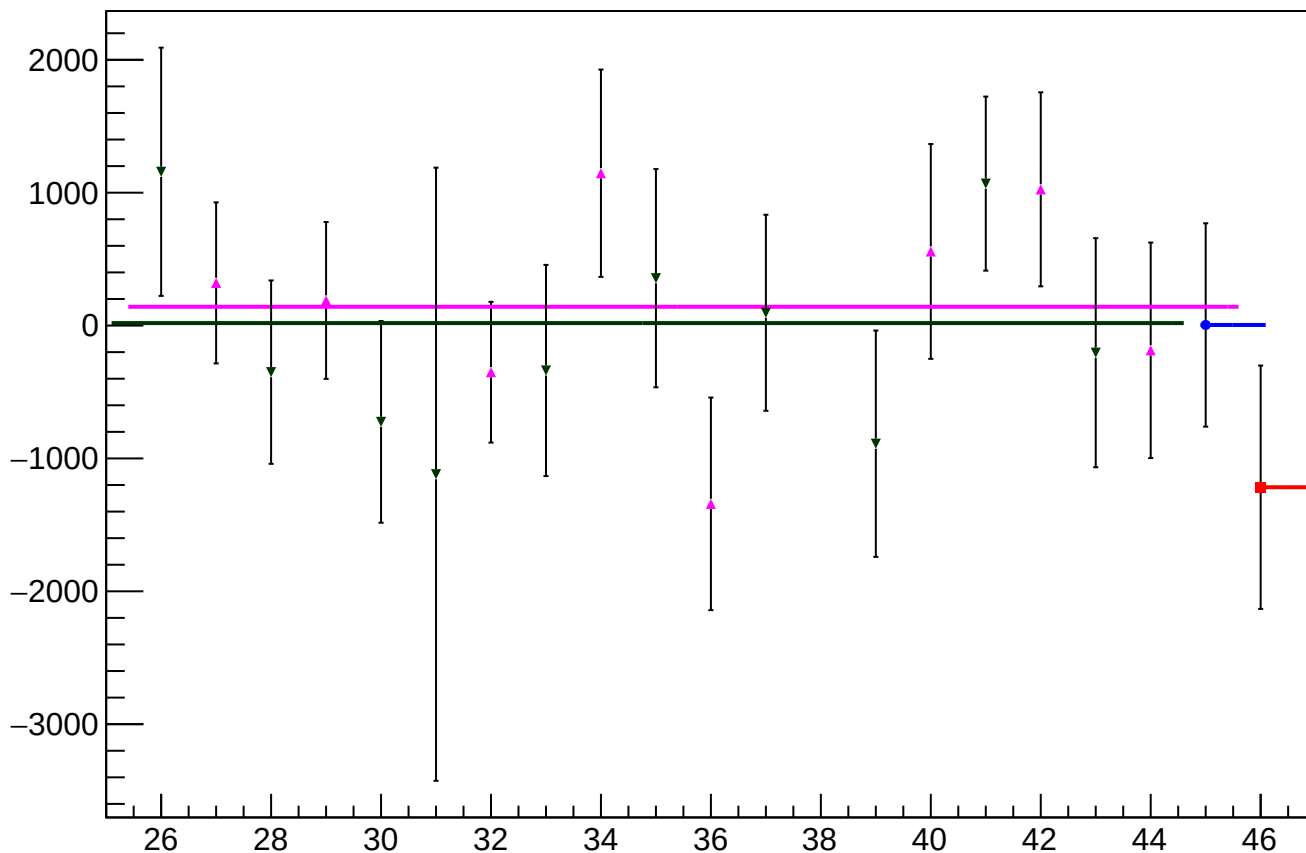
Right Out: 527.321 ± 0.573 χ^2/NDF : 0.0/0

Left In: 451.550 ± 0.142 χ^2/NDF : 53983.7/7

494.450 ± 0.148 χ^2/NDF : 401883.1/10

455.910 ± 0.138 χ^2/NDF : 70437.5/8

asym_atr1l2_dd_mean vs slug



Right In: 4.488+/-765.266 χ^2/NDF : 0.0/0

Left Out: 18.643+/-257.116 χ^2/NDF : 7.1/9

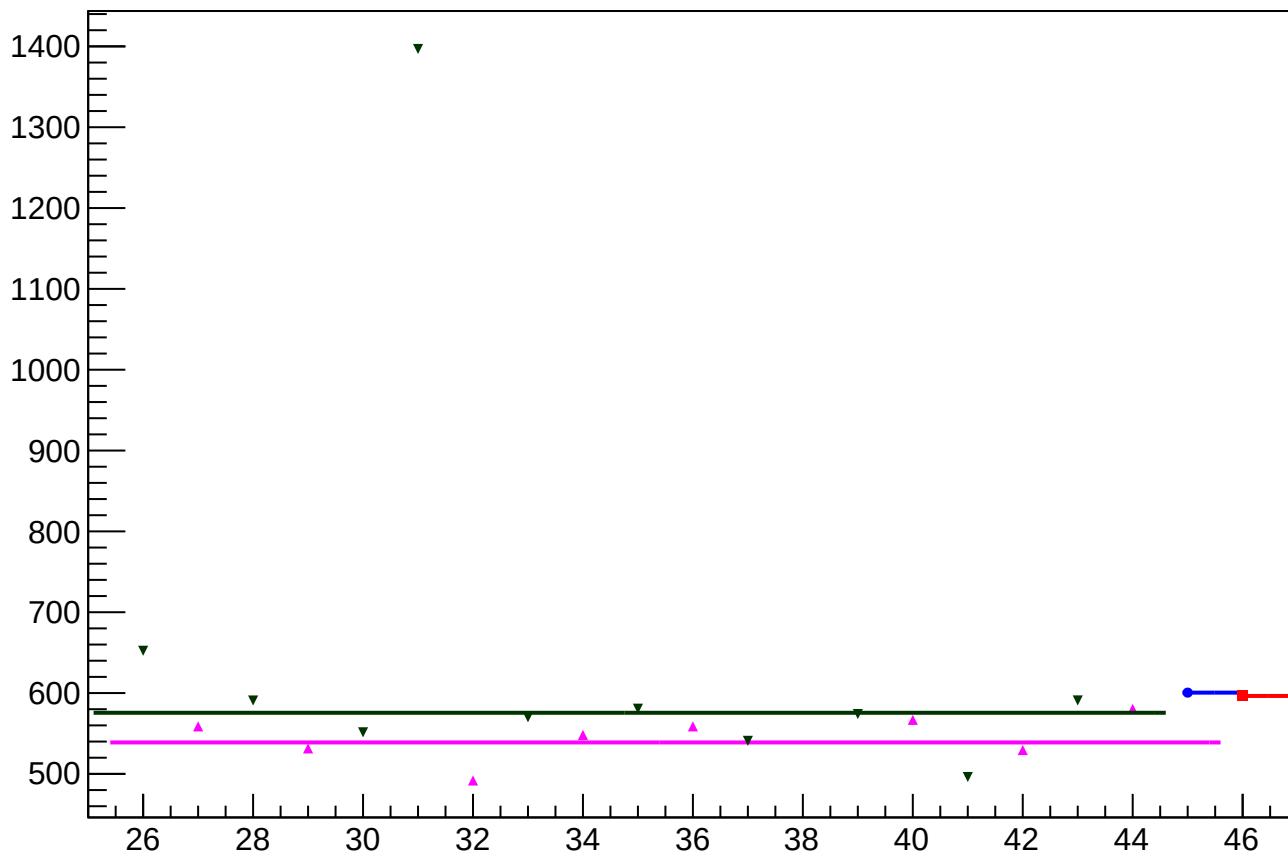
Right Out: -1216.717+/-915.744 χ^2/NDF : 0.0/0

Left In: 141.414+/-240.490 χ^2/NDF : 8.0/7

17.207+/-243.727 χ^2/NDF : 7.1/10

53.790+/-232.603 χ^2/NDF : 10.0/8

asym_atr1l2_dd_rms vs slug



Right In: 600.524+/-0.541 χ^2/NDF : 0.0/0

Left Out: 575.614+/-0.182 χ^2/NDF : 304506.5/9

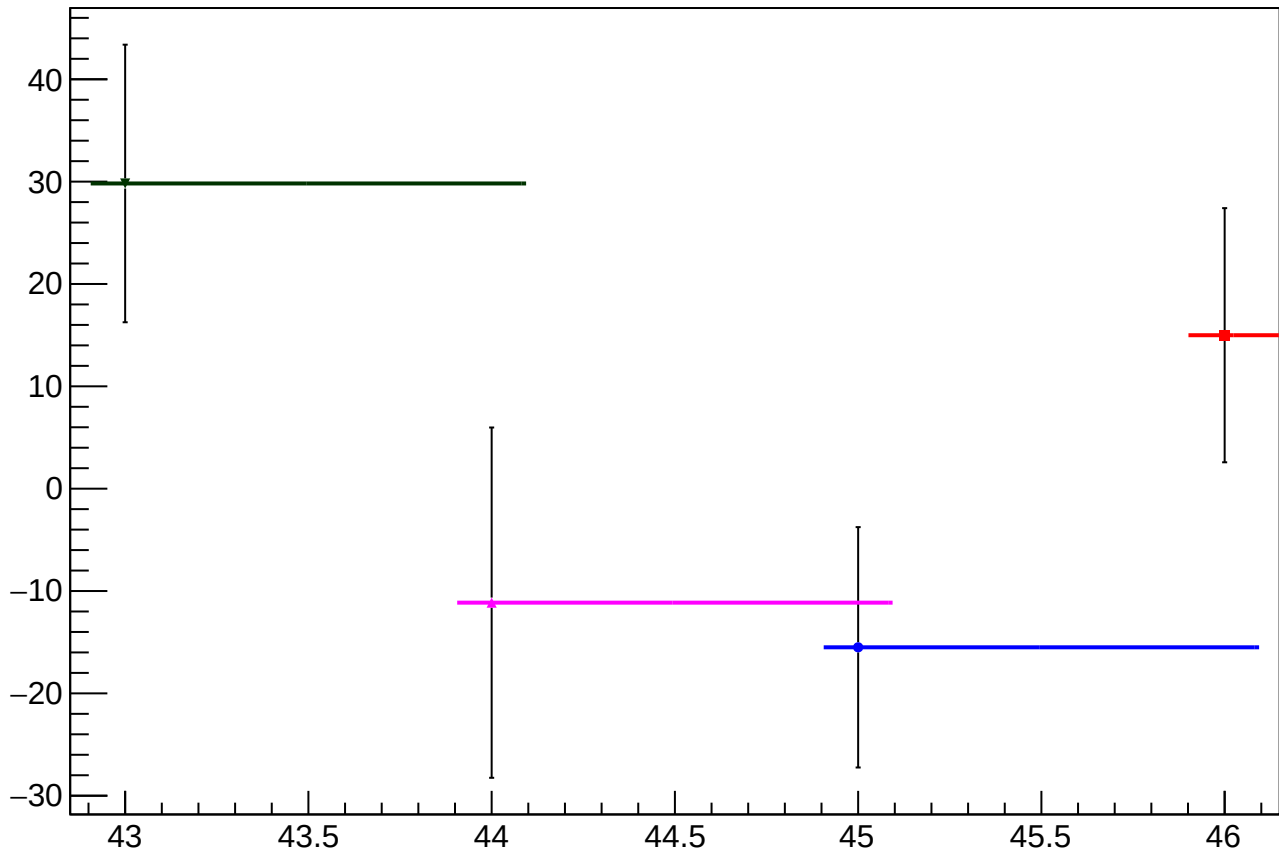
Right Out: 596.429+/-0.648 χ^2/NDF : 0.0/0

Left In: 538.892+/-0.170 χ^2/NDF : 27749.5/7

578.141+/-0.172 χ^2/NDF : 306410.7/10

542.604+/-0.164 χ^2/NDF : 35135.5/8

diff_bpm0l01X_mean vs slug



Right In: -15.499 $\pm$ 11.743 χ^2 /NDF: 0.0/0

Left Out: 29.821 $\pm$ 13.561 χ^2 /NDF: 0.0/0

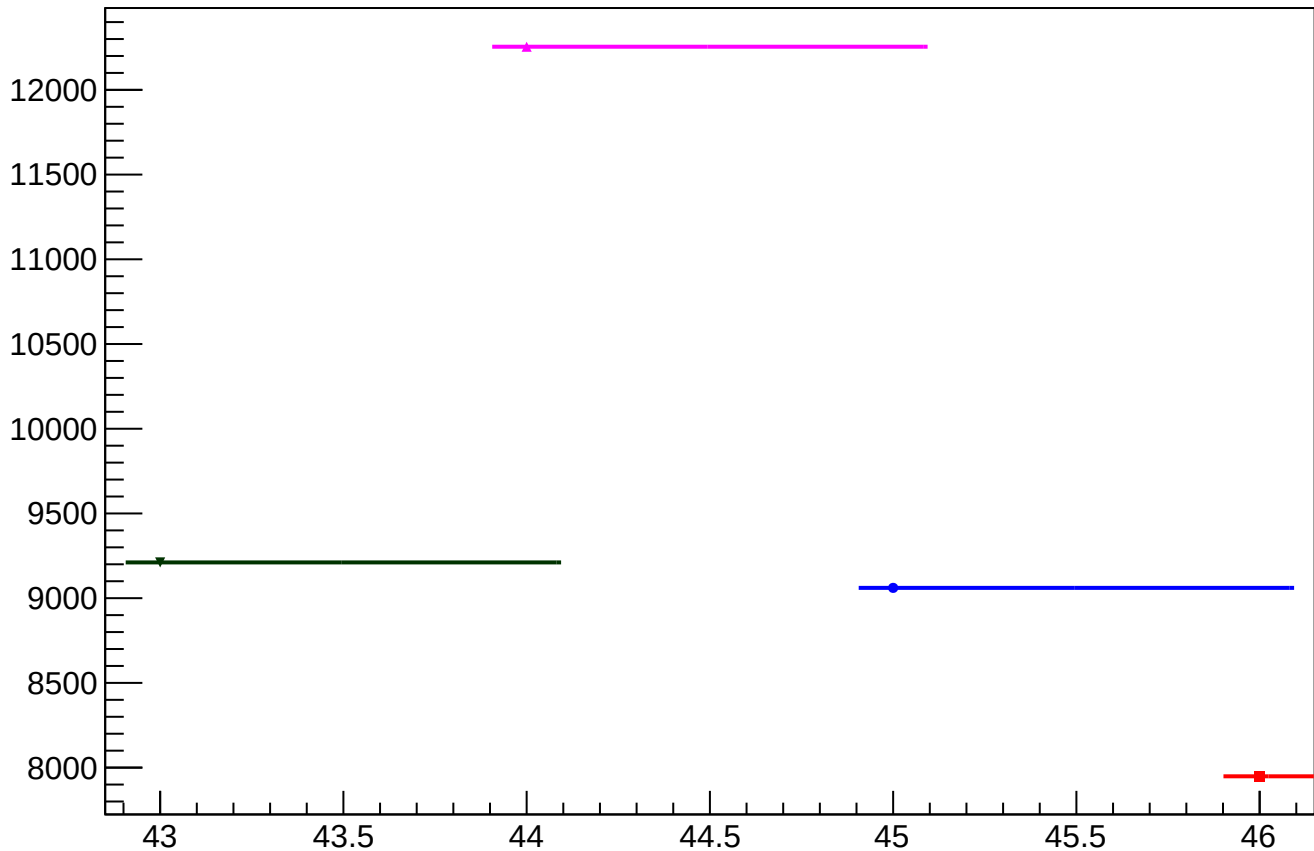
Right Out: 14.994 $\pm$ 12.416 χ^2 /NDF: 0.0/0

Left In: -11.136 $\pm$ 17.113 χ^2 /NDF: 0.0/0

3.921 $\pm$ 8.877 χ^2 /NDF: 6.4/1

5.982 $\pm$ 10.050 χ^2 /NDF: 1.5/1

diff_bpm0l01X_rms vs slug



Right In: 9060.787 $\pm$ 8.304 χ^2 /NDF: 0.0/0

Left Out: 9211.048 $\pm$ 9.589 χ^2 /NDF: 0.0/0

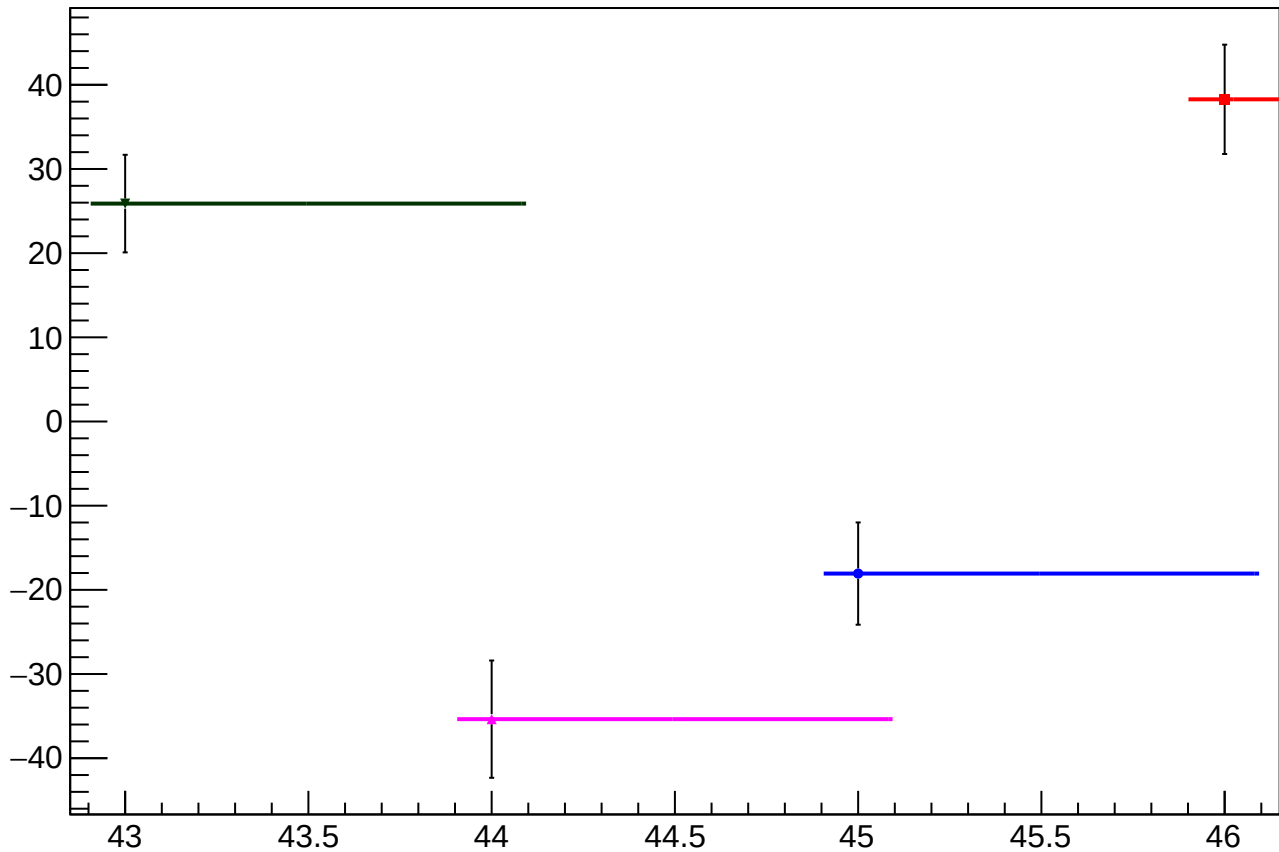
Right Out: 7948.661 $\pm$ 8.780 χ^2 /NDF: 0.0/0

Left In: 12254.628 $\pm$ 12.101 χ^2 /NDF: 0.0/0

9125.178 $\pm$ 6.277 χ^2 /NDF: 140.3/1

9433.699 $\pm$ 7.106 χ^2 /NDF: 82954.6/1

diff_bpm0l01Y_mean vs slug



Right In: -18.067 $\pm$ 6.074 χ^2 /NDF: 0.0/0

Left Out: 25.888 $\pm$ 5.797 χ^2 /NDF: 0.0/0

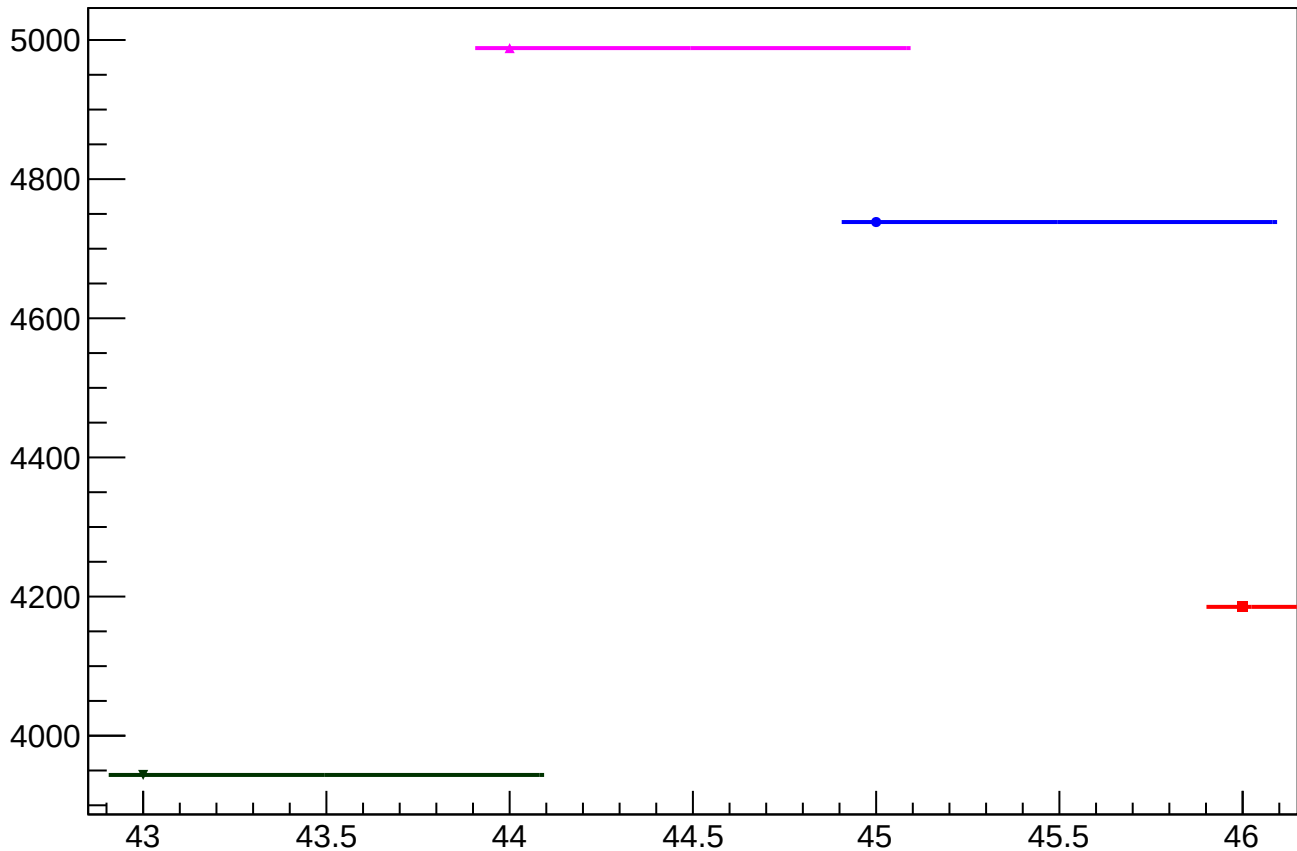
Right Out: 38.274 $\pm$ 6.494 χ^2 /NDF: 0.0/0

Left In: -35.362 $\pm$ 6.967 χ^2 /NDF: 0.0/0

4.935 $\pm$ 4.194 χ^2 /NDF: 27.4/1

4.038 $\pm$ 4.750 χ^2 /NDF: 59.8/1

diff_bpm0l01Y_rms vs slug



Right In: 4738.342 $\pm$ 4.295 χ^2/NDF : 0.0/0

Left Out: 3943.608 $\pm$ 4.099 χ^2/NDF : 0.0/0

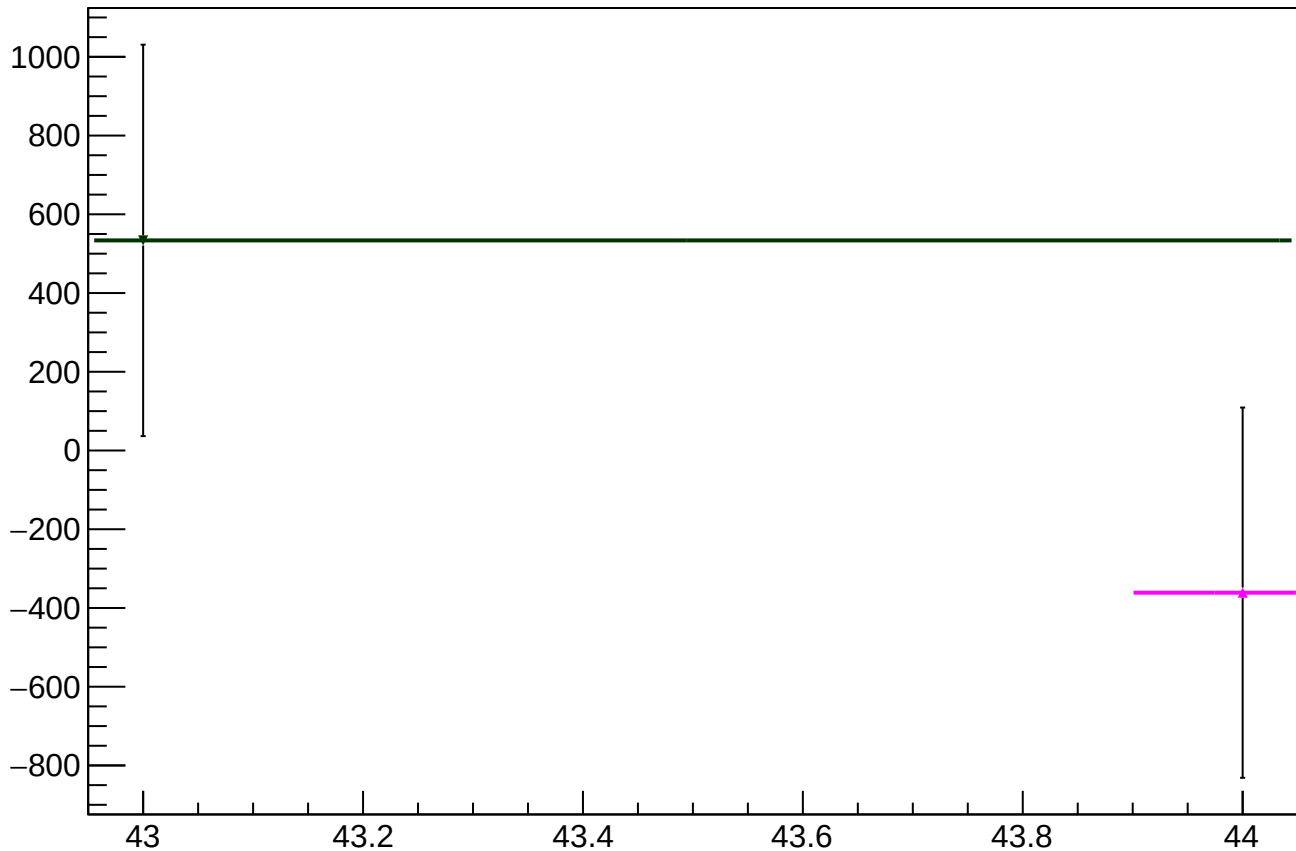
Right Out: 4185.203 $\pm$ 4.592 χ^2/NDF : 0.0/0

Left In: 4988.357 $\pm$ 4.926 χ^2/NDF : 0.0/0

4322.449 $\pm$ 2.965 χ^2/NDF : 17918.2/1

4558.618 $\pm$ 3.359 χ^2/NDF : 14223.1/1

asym_ds_agg_av_mean vs slug



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

Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

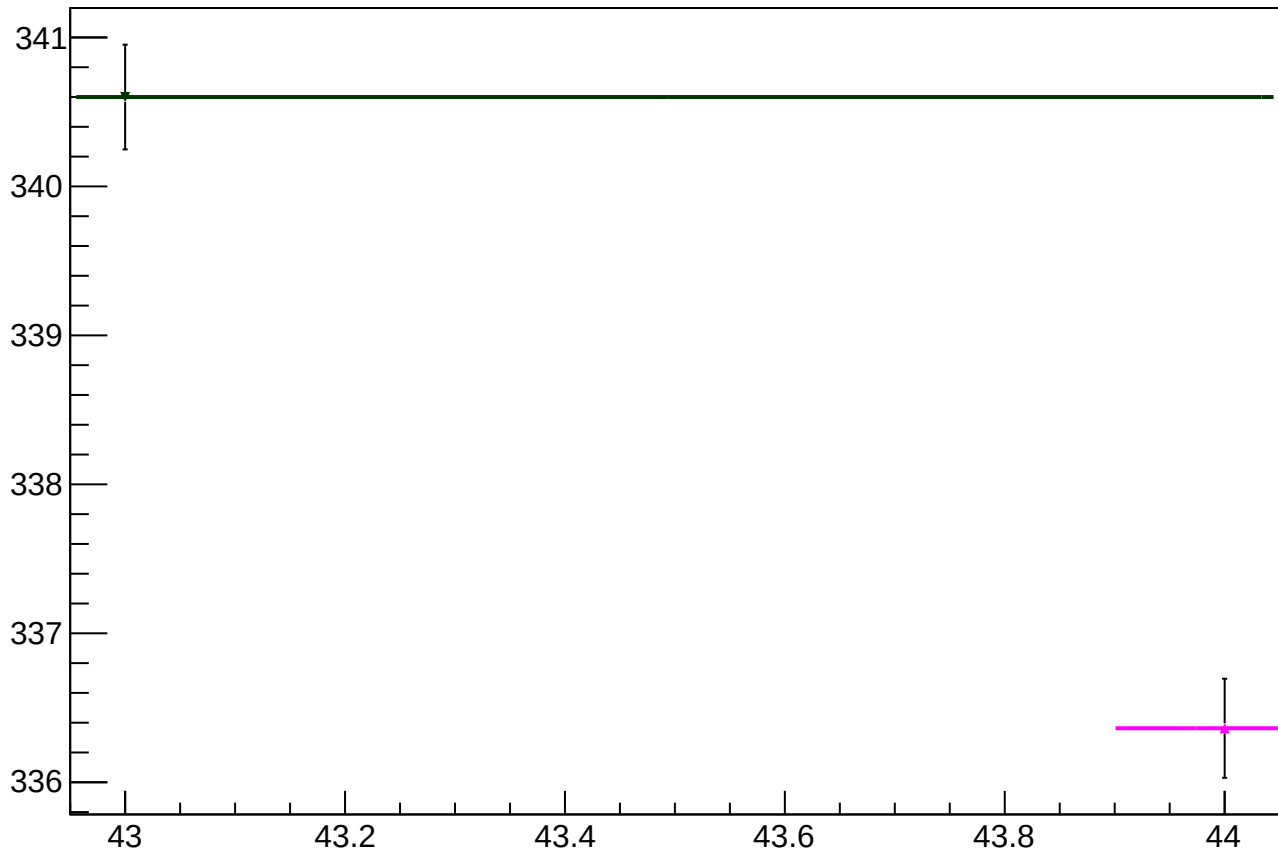
533.704+/-497.188 χ^2/NDF : 0.0/0

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

-361.123+/-470.256 χ^2/NDF : 0.0/0

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

asym_ds_agg_av_rms vs slug



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

Left Out: 340.600+/-0.352 χ^2/NDF : 0.0/0

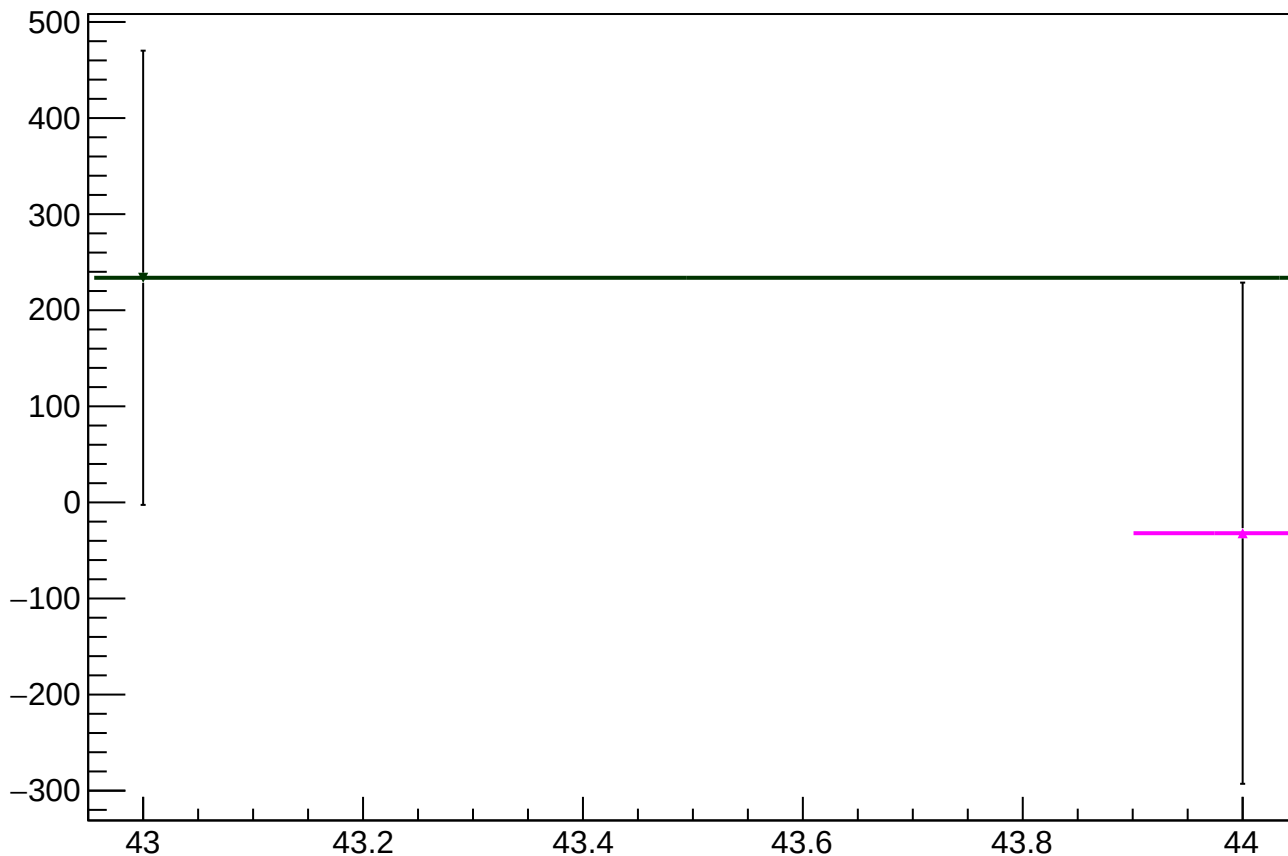
340.600+/-0.352 χ^2/NDF : 0.0/0

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

336.363+/-0.333 χ^2/NDF : 0.0/0

Left In: 336.363+/-0.333 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 233.776+/-236.364 χ^2 /NDF: 0.0/0

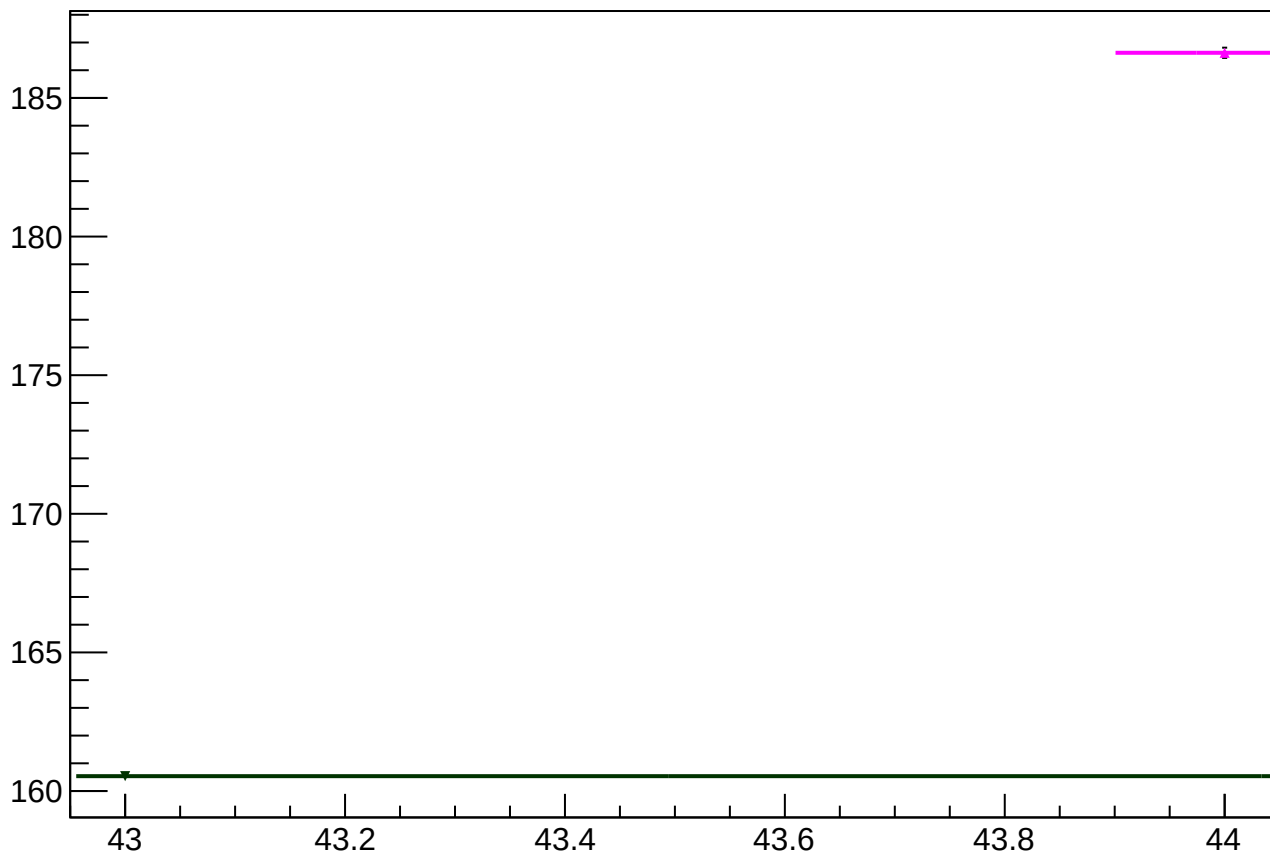
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -32.051+/-260.803 χ^2 /NDF: 0.0/0

233.776+/-236.364 χ^2 /NDF: 0.0/0

-32.051+/-260.803 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 160.536+/-0.167 χ^2/NDF : 0.0/0

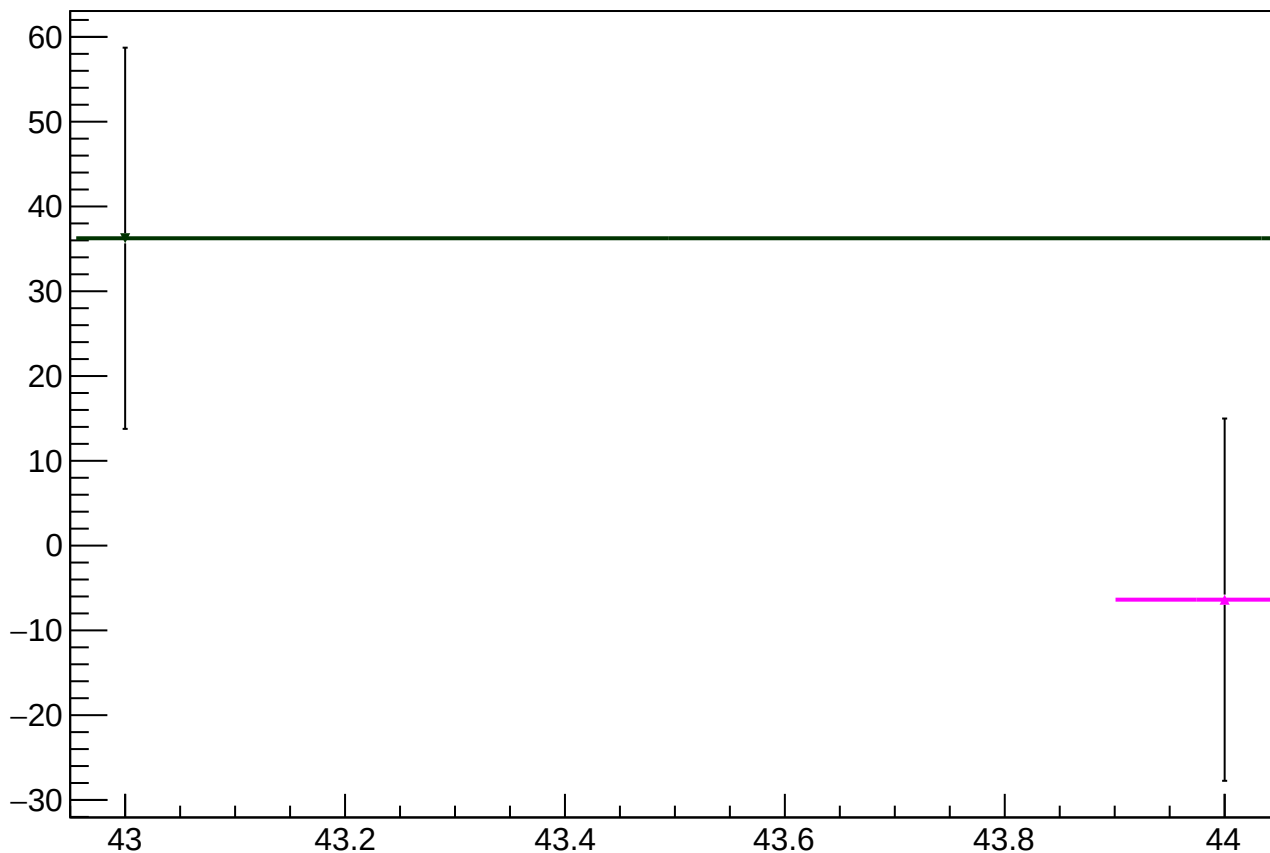
160.536+/-0.167 χ^2/NDF : 0.0/0

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

186.629+/-0.184 χ^2/NDF : 0.0/0

Left In: 186.629+/-0.184 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 36.249+/-22.481 χ^2 /NDF: 0.0/0

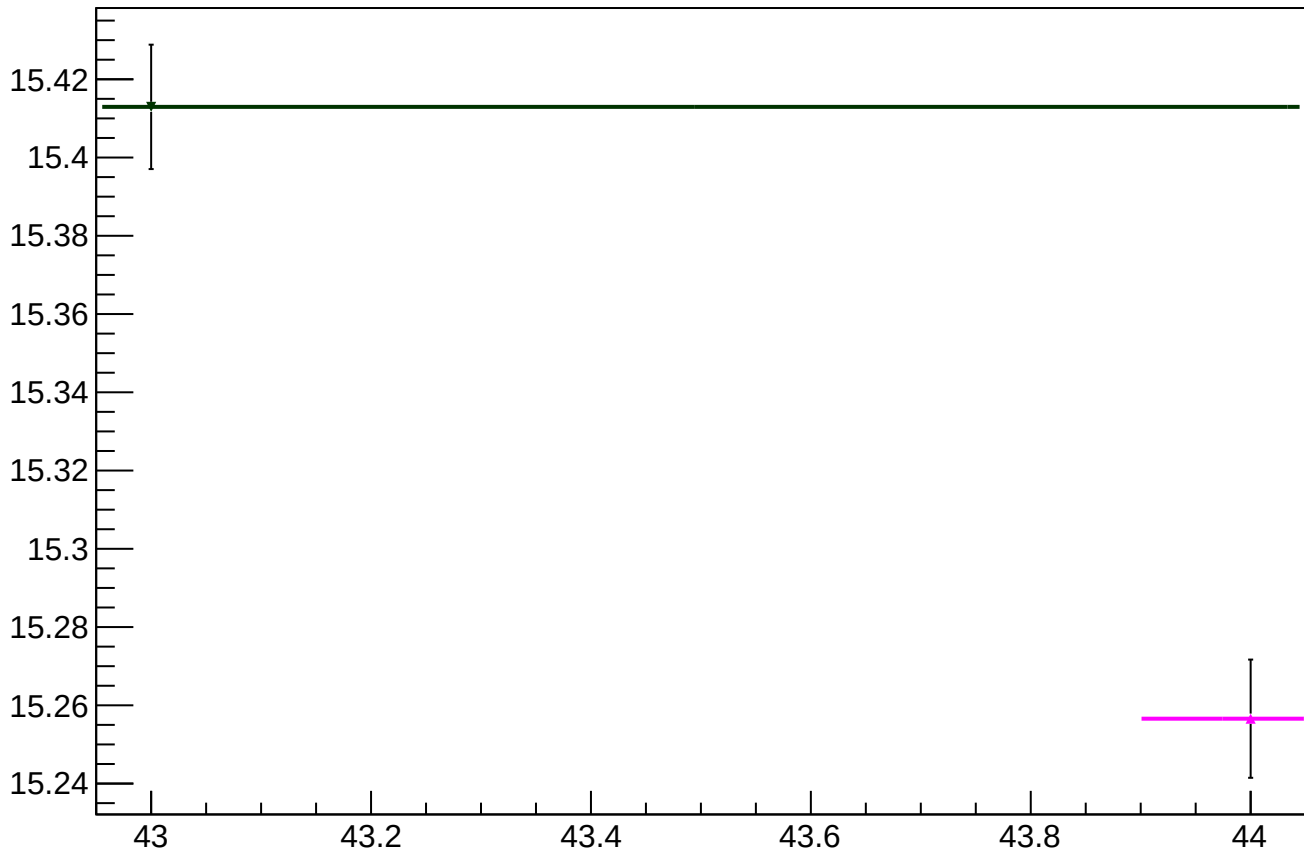
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -6.377+/-21.365 χ^2 /NDF: 0.0/0

36.249+/-22.481 χ^2 /NDF: 0.0/0

-6.377+/-21.365 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 15.413+/-0.016 χ^2/NDF : 0.0/0

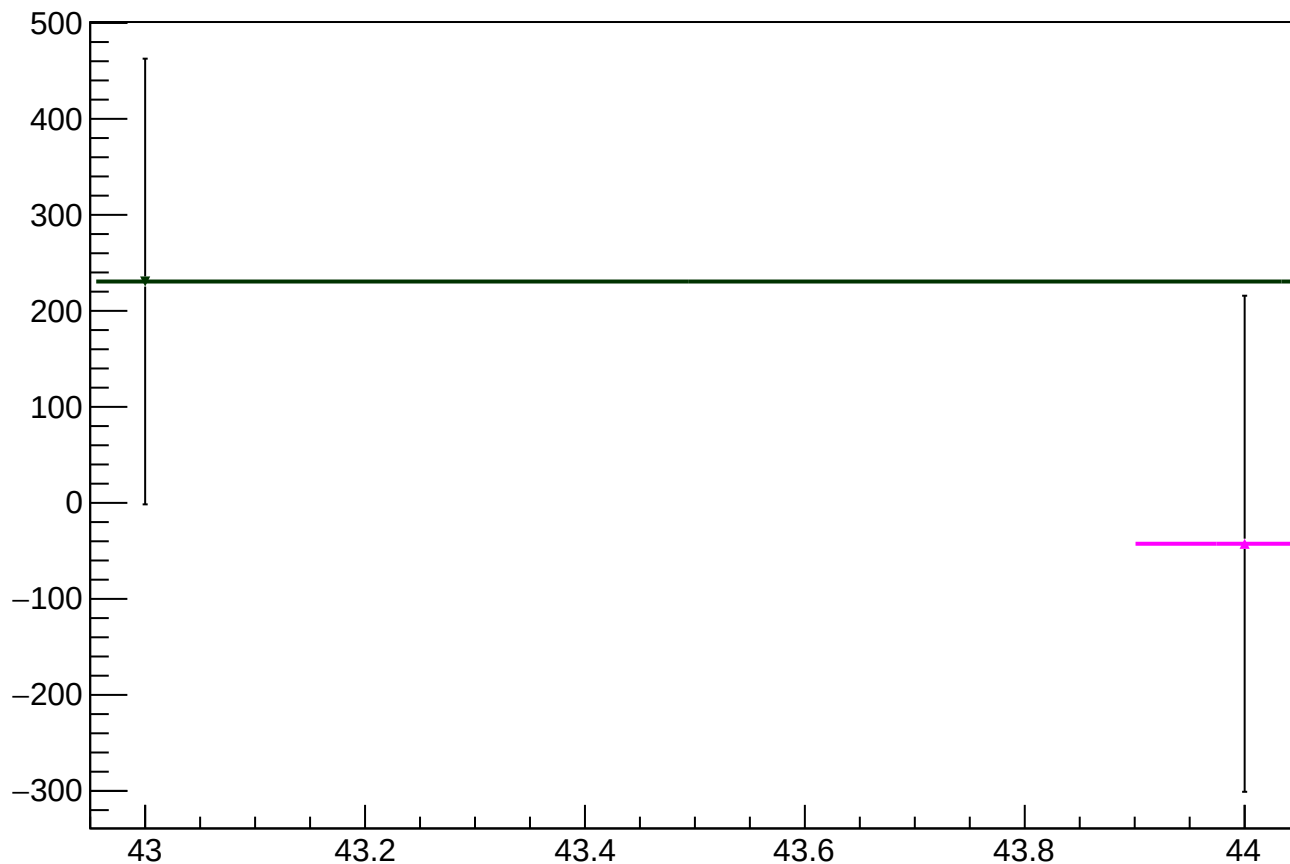
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.257+/-0.015 χ^2/NDF : 0.0/0

15.413+/-0.016 χ^2/NDF : 0.0/0

15.257+/-0.015 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 230.569+/-232.106 χ^2/NDF : 0.0/0

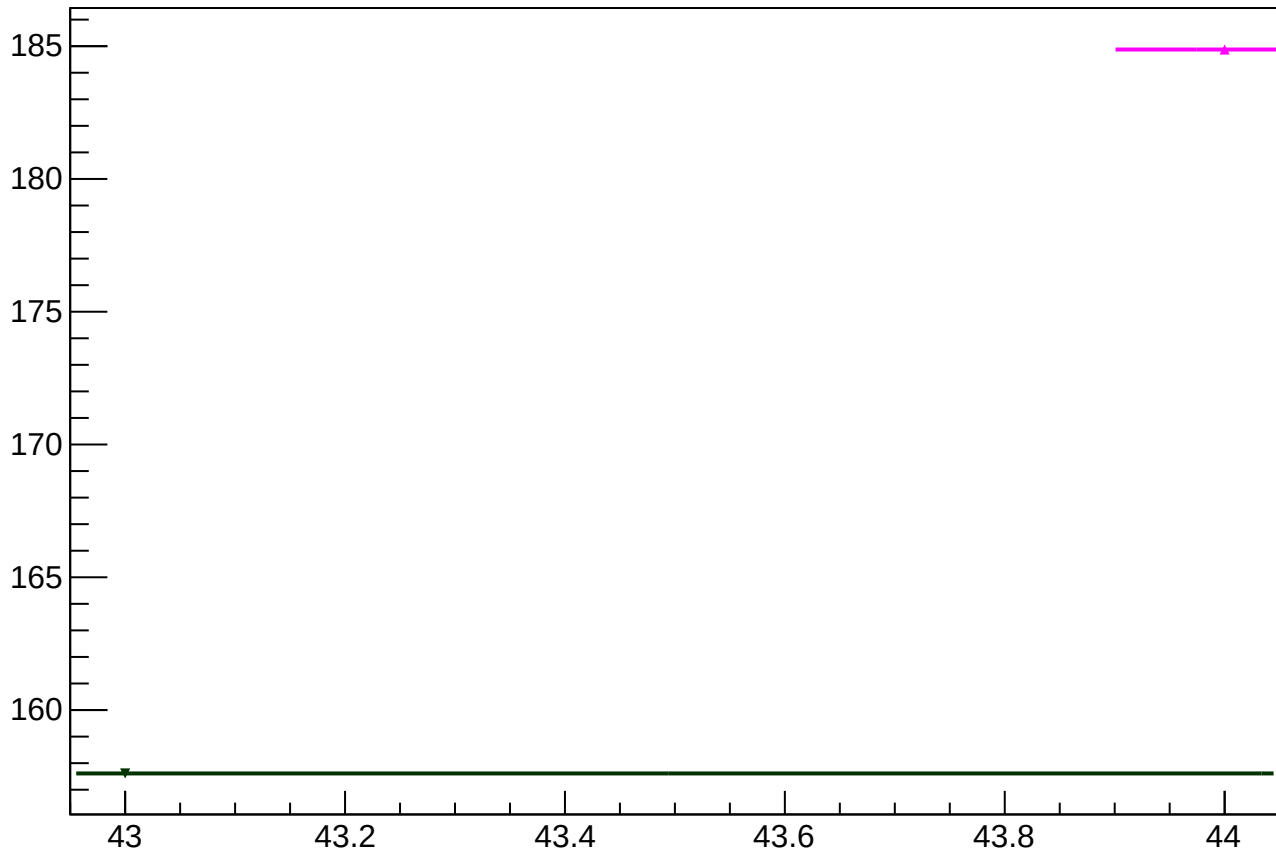
230.569+/-232.106 χ^2/NDF : 0.0/0

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

-42.573+/-258.353 χ^2/NDF : 0.0/0

Left In: -42.573+/-258.353 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 157.613 $\pm$ 0.164 χ^2/NDF : 0.0/0

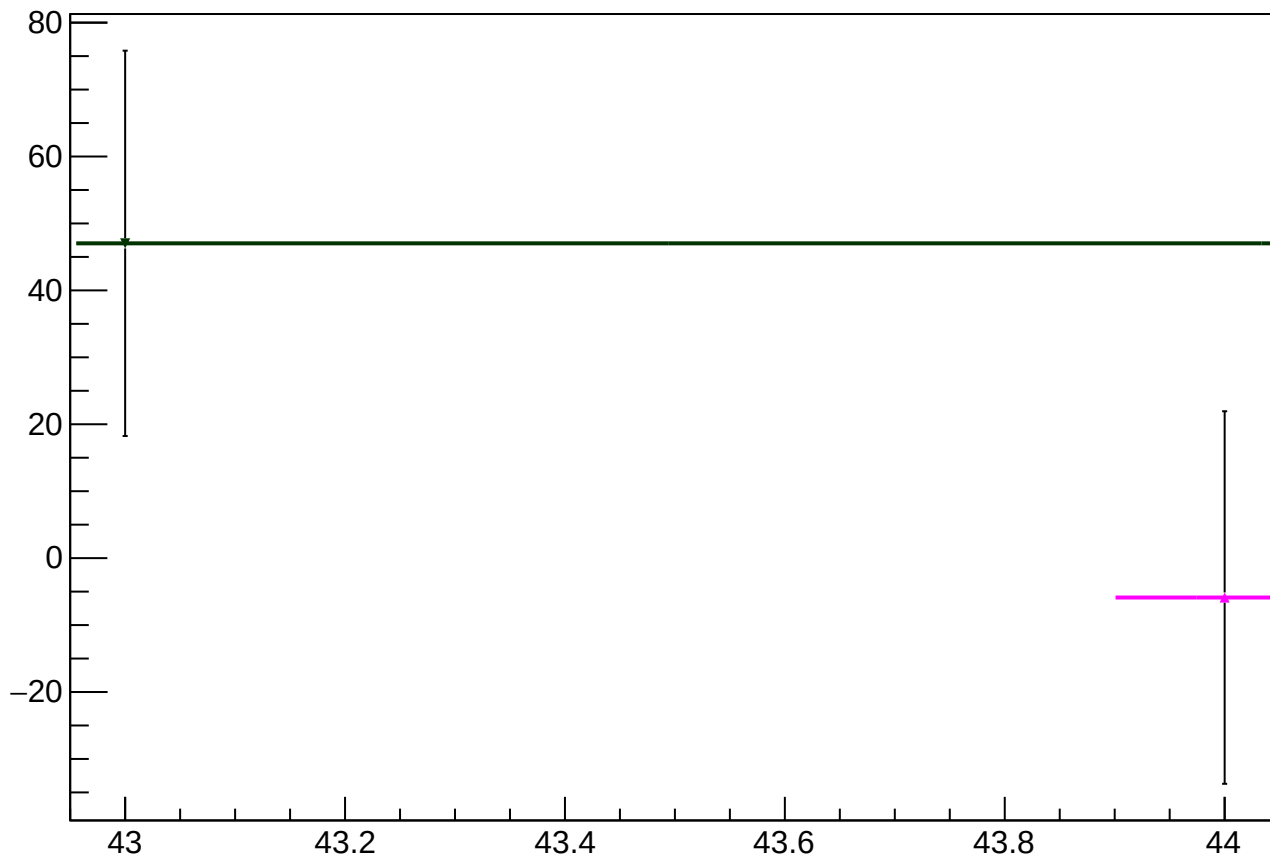
157.613 $\pm$ 0.164 χ^2/NDF : 0.0/0

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

184.874 $\pm$ 0.183 χ^2/NDF : 0.0/0

Left In: 184.874 $\pm$ 0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 47.028+/-28.784 χ^2/NDF : 0.0/0

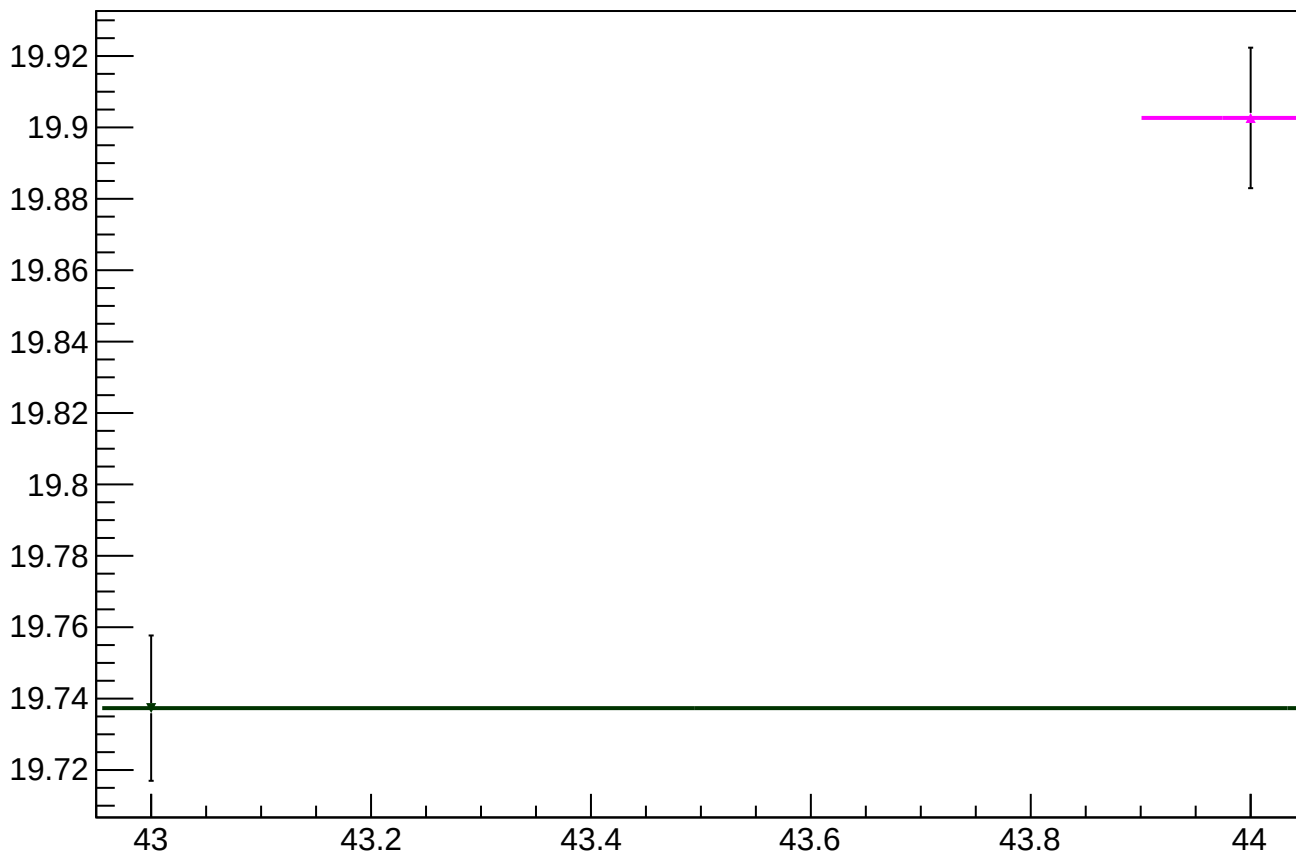
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.884+/-27.829 χ^2/NDF : 0.0/0

47.028+/-28.784 χ^2/NDF : 0.0/0

-5.884+/-27.829 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 19.737+/-0.020 χ^2/NDF : 0.0/0

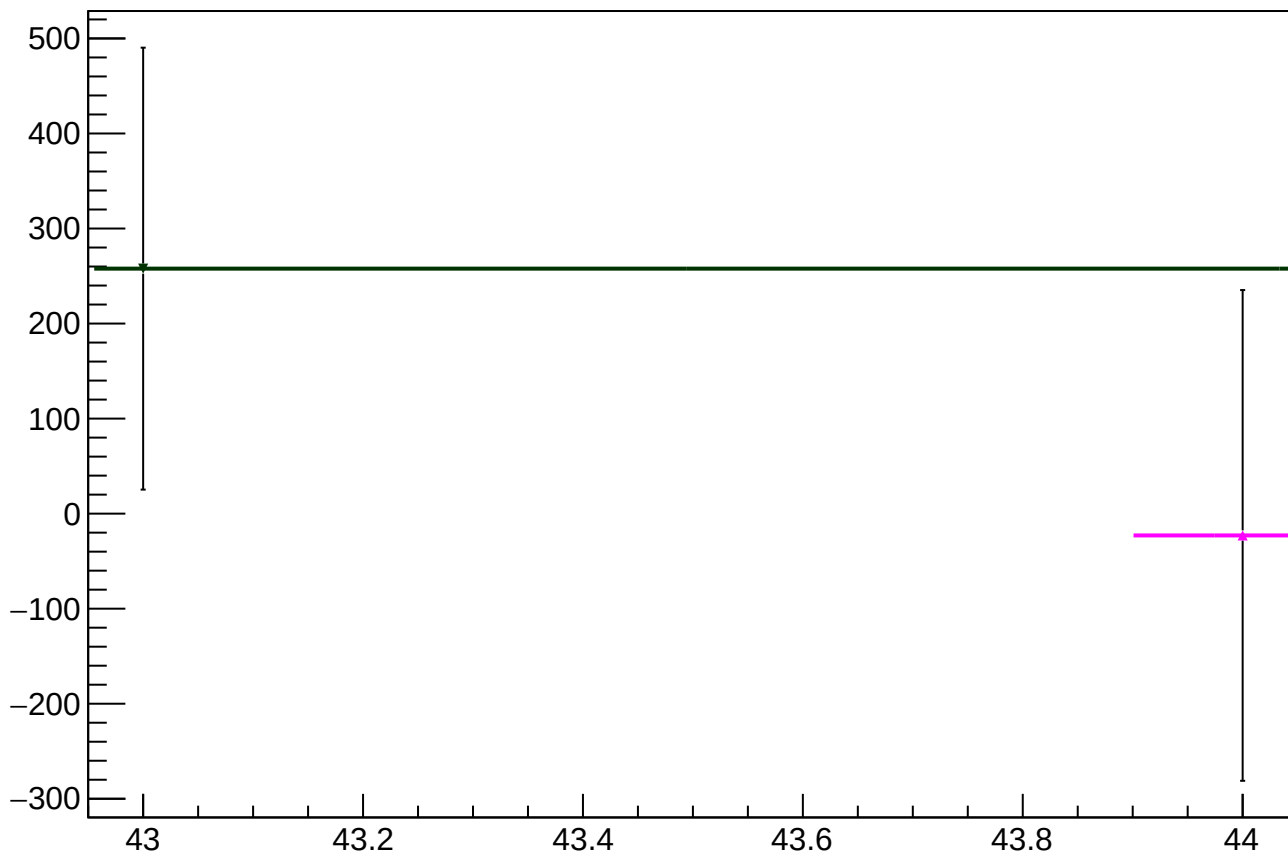
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.903+/-0.020 χ^2/NDF : 0.0/0

19.737+/-0.020 χ^2/NDF : 0.0/0

19.903+/-0.020 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: 257.793+/-232.498 χ^2 /NDF: 0.0/0

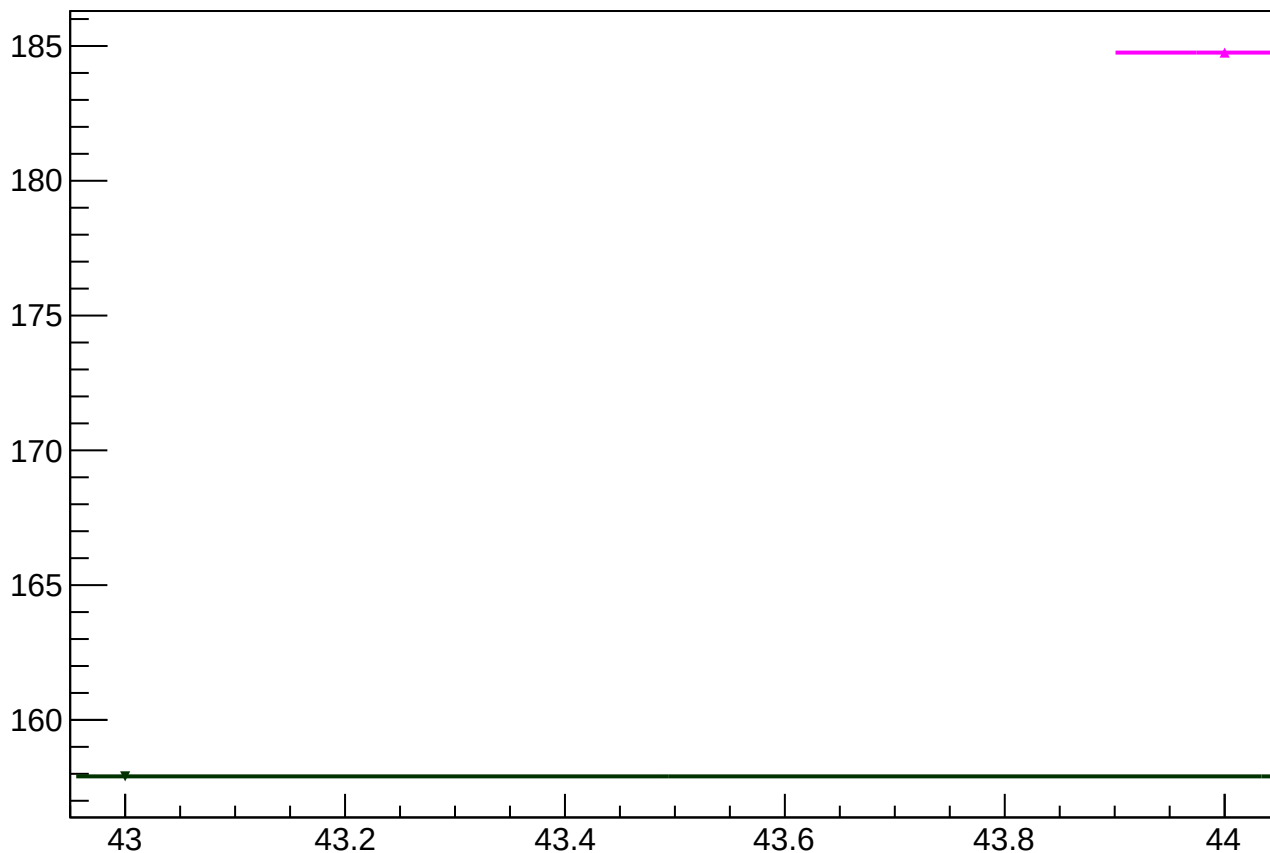
257.793+/-232.498 χ^2 /NDF: 0.0/0

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

-22.928+/-258.180 χ^2 /NDF: 0.0/0

Left In: -22.928+/-258.180 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 157.905+/-0.164 χ^2/NDF : 0.0/0

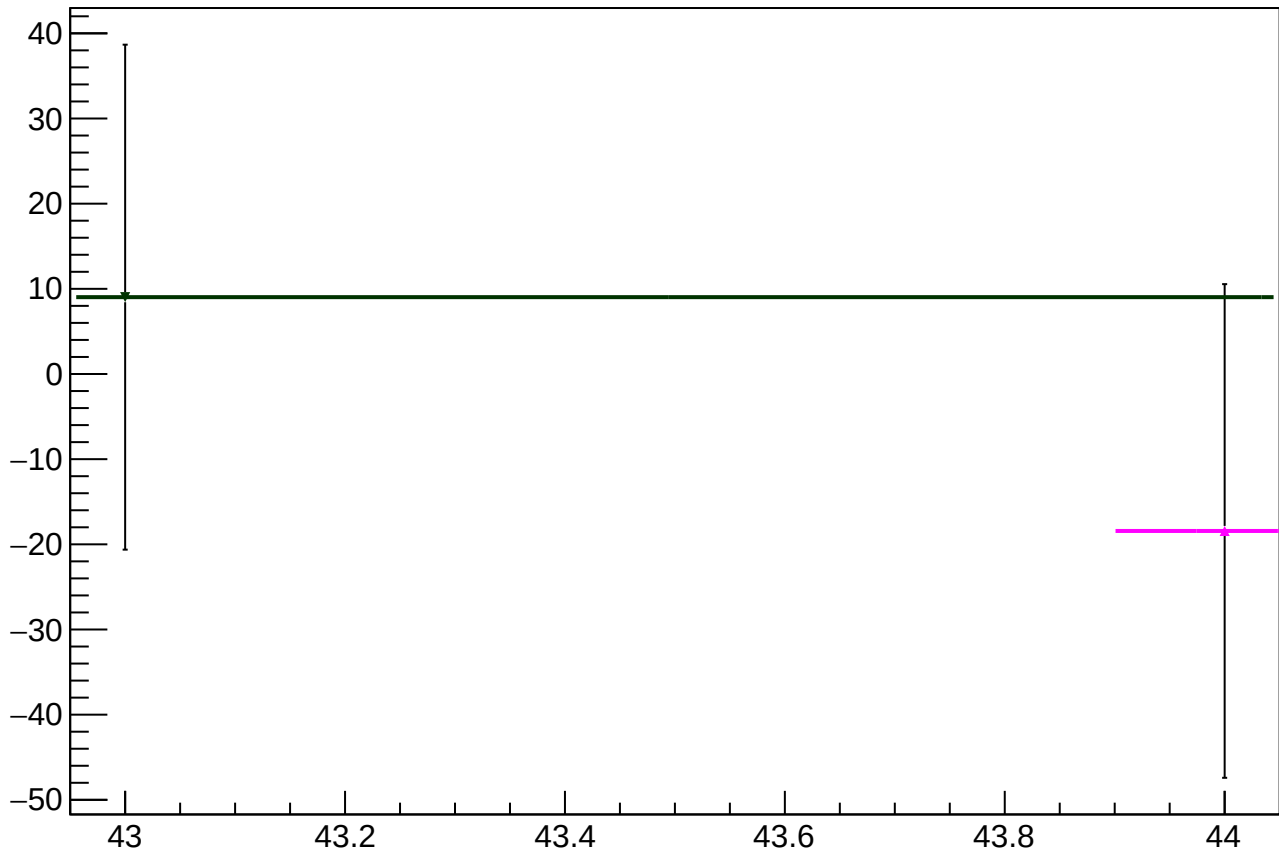
157.905+/-0.164 χ^2/NDF : 0.0/0

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

184.755+/-0.183 χ^2/NDF : 0.0/0

Left In: 184.755+/-0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: 9.023 $\pm$ 29.646 χ^2 /NDF: 0.0/0

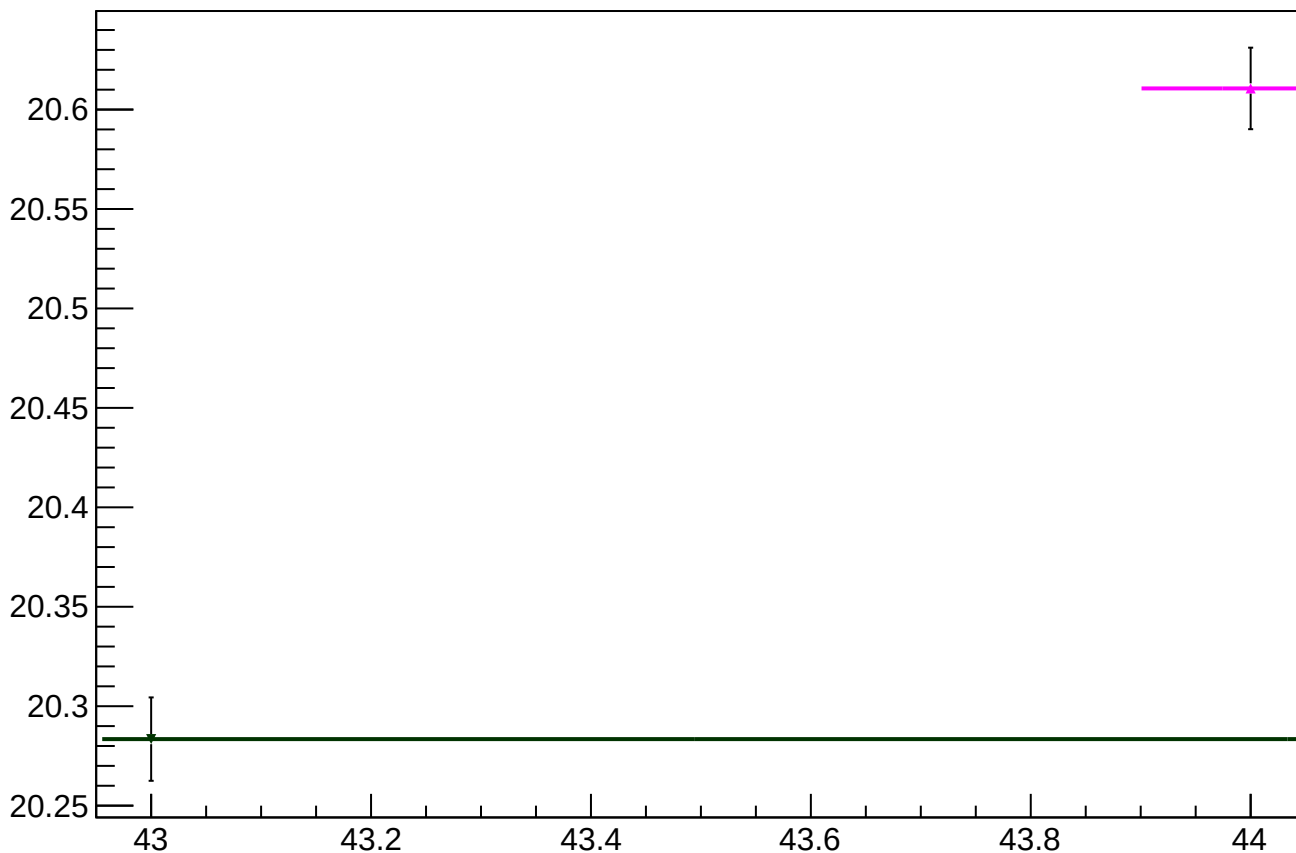
9.023 $\pm$ 29.646 χ^2 /NDF: 0.0/0

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

-18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

Left In: -18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 20.283+/-0.021 χ^2 /NDF: 0.0/0

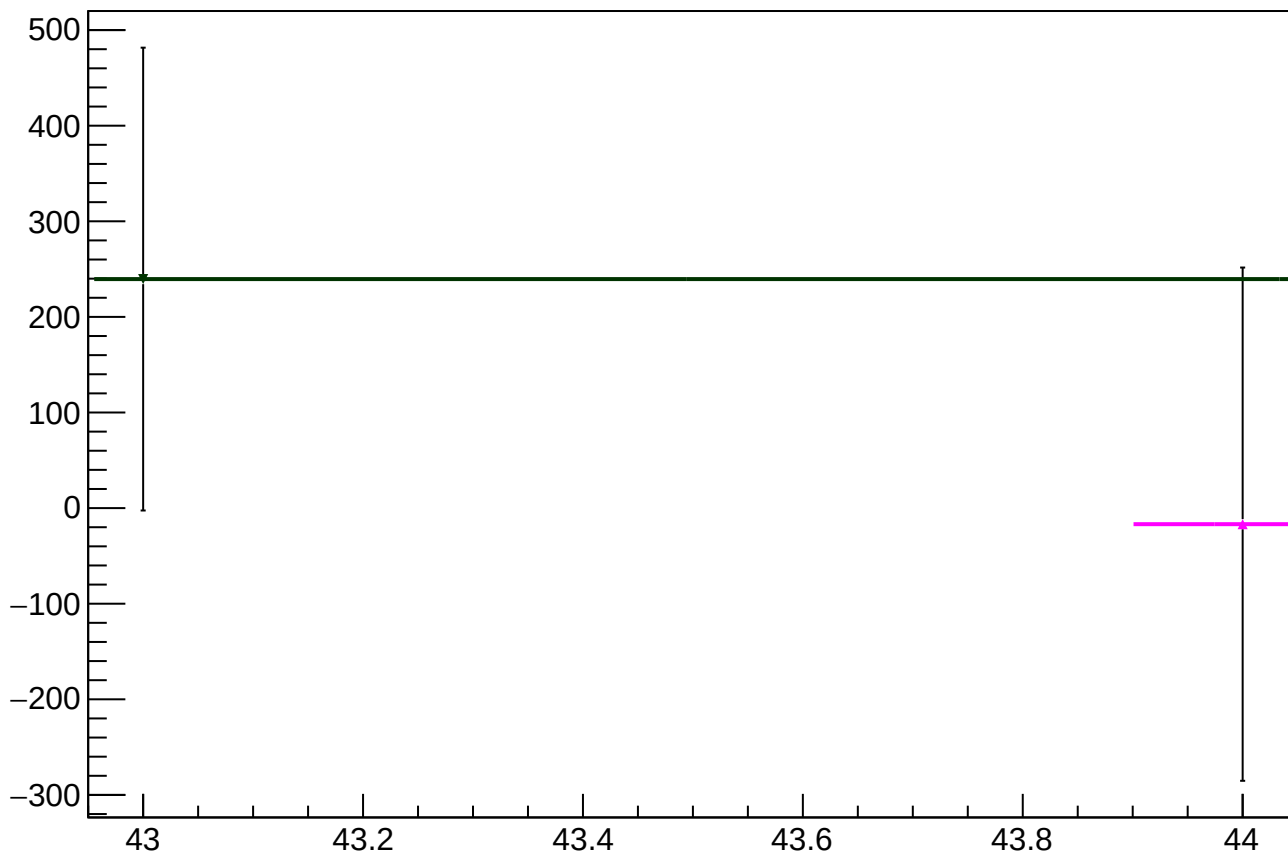
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 20.611+/-0.020 χ^2 /NDF: 0.0/0

20.283+/-0.021 χ^2 /NDF: 0.0/0

20.611+/-0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



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

Left Out: 239.549+/-242.055 χ^2/NDF : 0.0/0

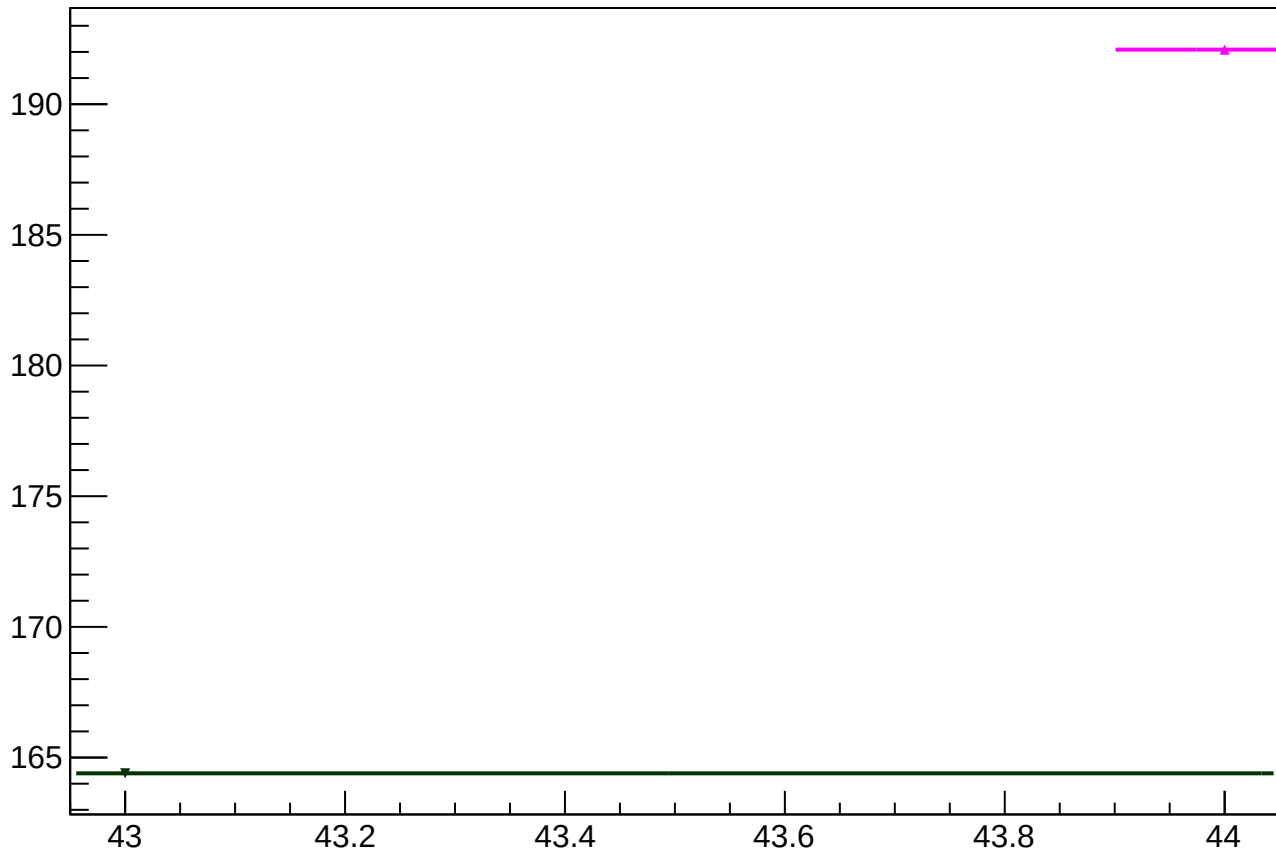
239.549+/-242.055 χ^2/NDF : 0.0/0

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

-16.805+/-268.428 χ^2/NDF : 0.0/0

Left In: -16.805+/-268.428 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 164.396+/-0.171 χ^2/NDF : 0.0/0

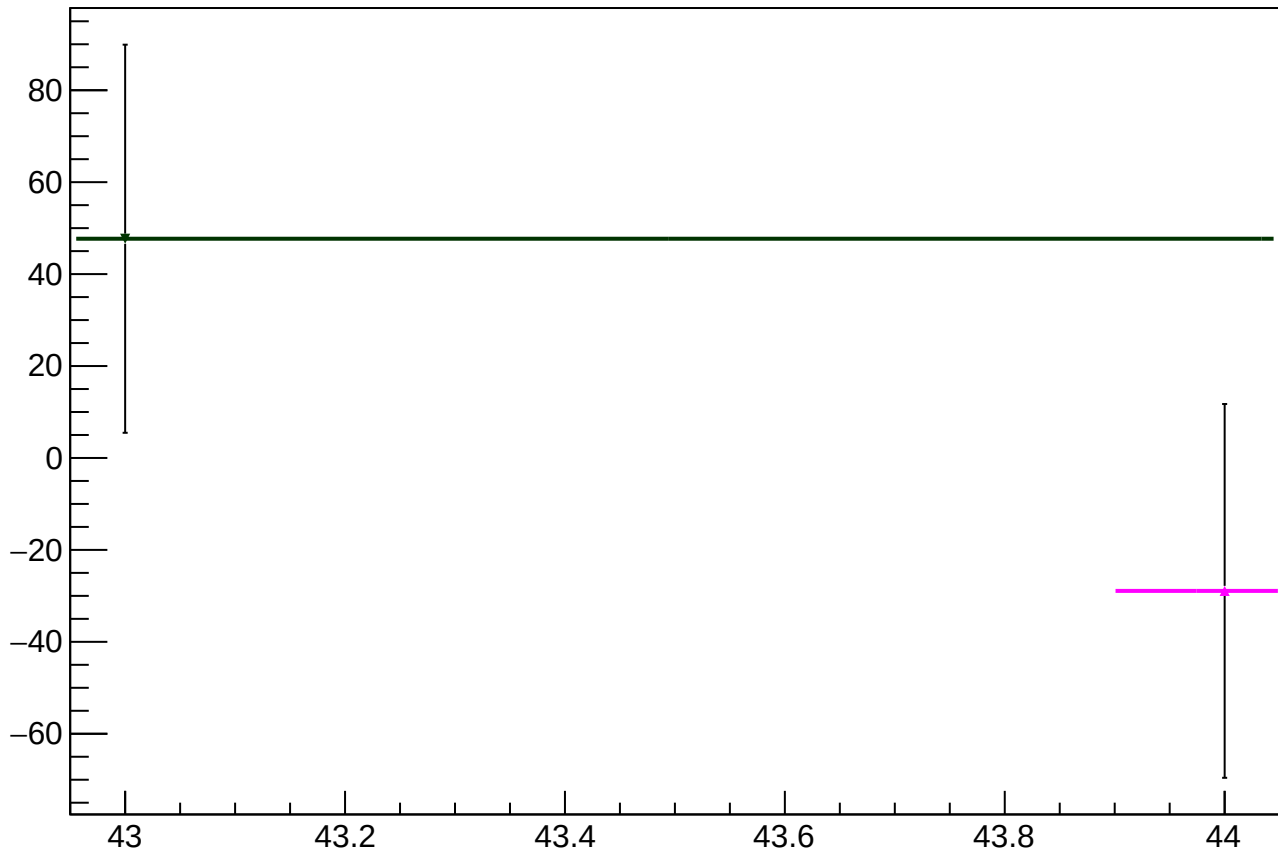
164.396+/-0.171 χ^2/NDF : 0.0/0

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

192.088+/-0.190 χ^2/NDF : 0.0/0

Left In: 192.088+/-0.190 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: 47.694+/-42.218 χ^2/NDF : 0.0/0

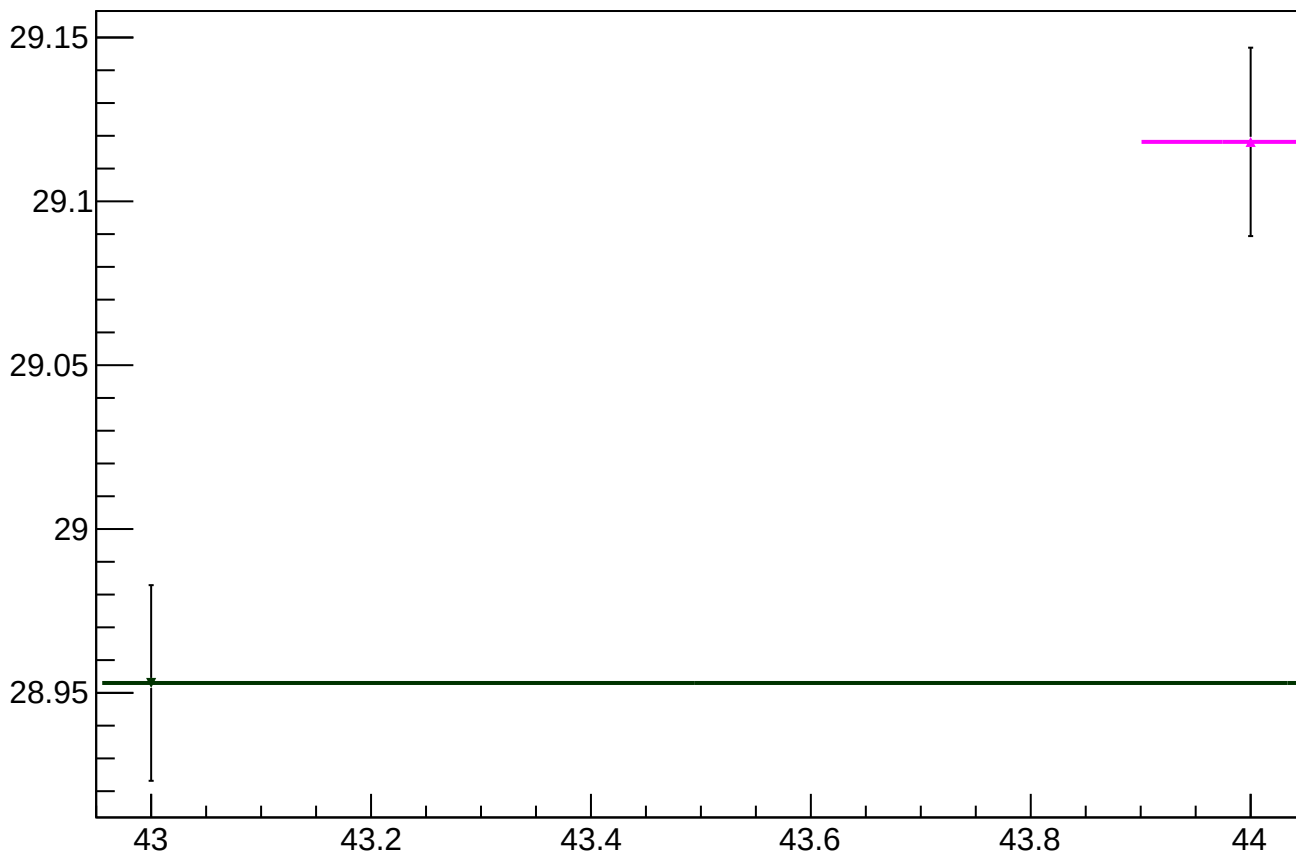
47.694+/-42.218 χ^2/NDF : 0.0/0

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

-28.921+/-40.658 χ^2/NDF : 0.0/0

Left In: -28.921+/-40.658 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 28.953 ± 0.030 χ^2/NDF : 0.0/0

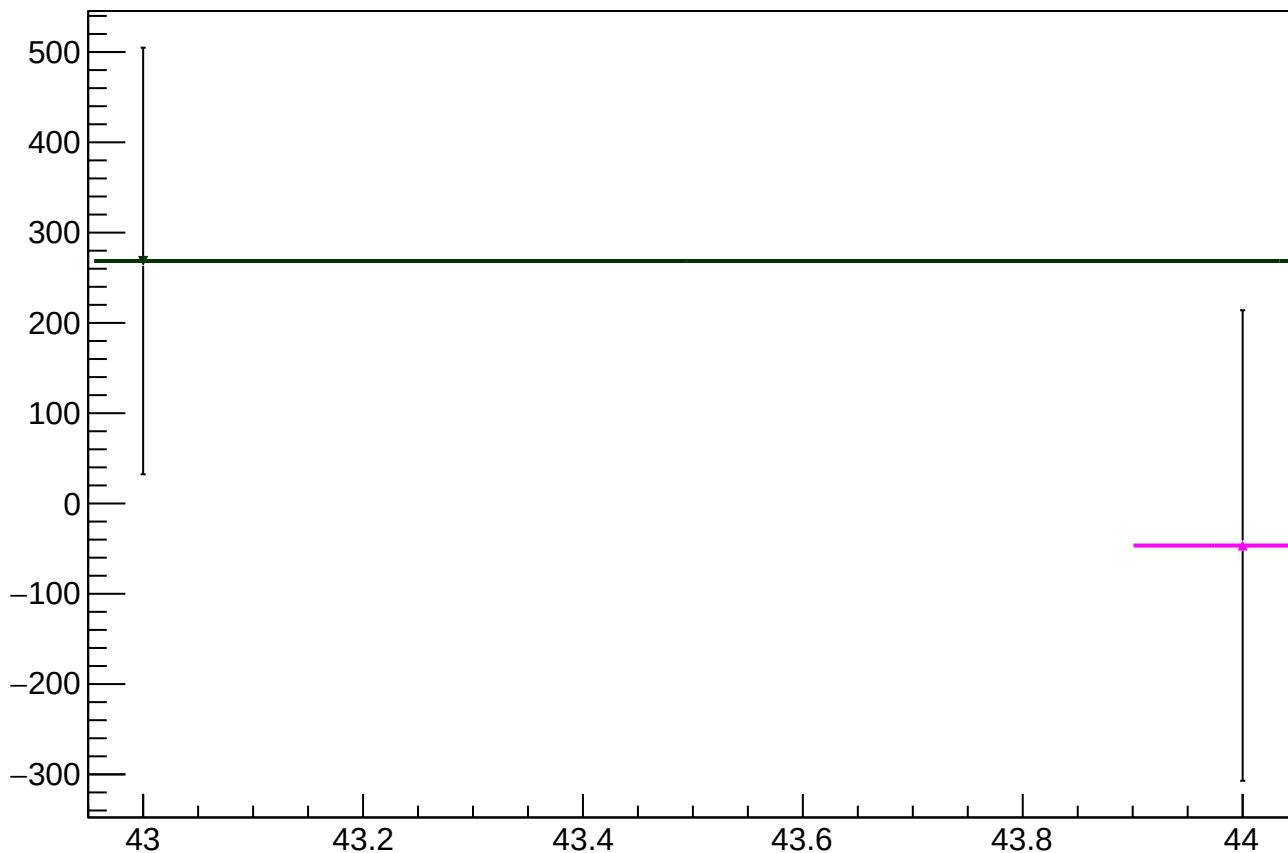
28.953 ± 0.030 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

29.118 ± 0.029 χ^2/NDF : 0.0/0

Left In: 29.118 ± 0.029 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



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

268.579+/-236.251 χ^2/NDF : 0.0/0

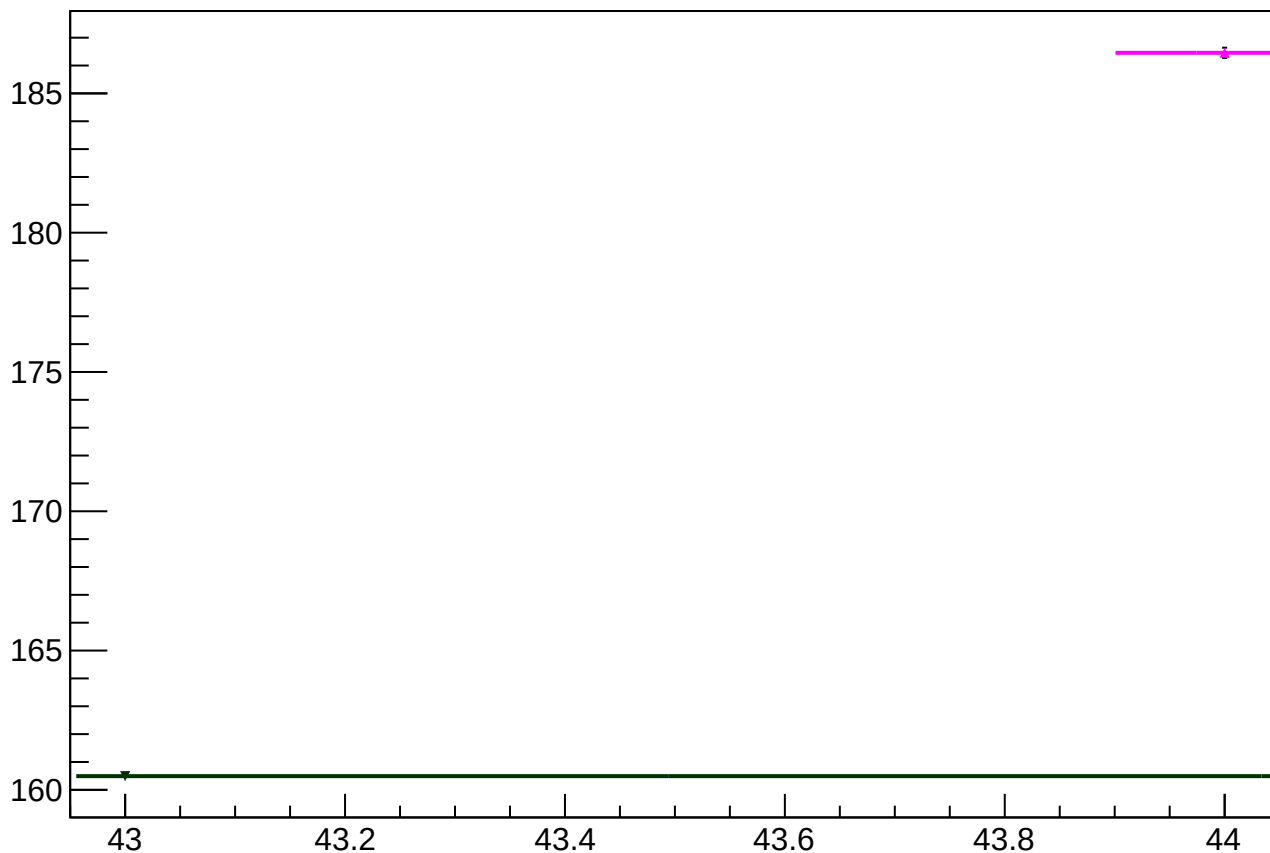
Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

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

-46.555+/-260.560 χ^2/NDF : 0.0/0

Left In: -46.555+/-260.560 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 160.492+/-0.167 χ^2/NDF : 0.0/0

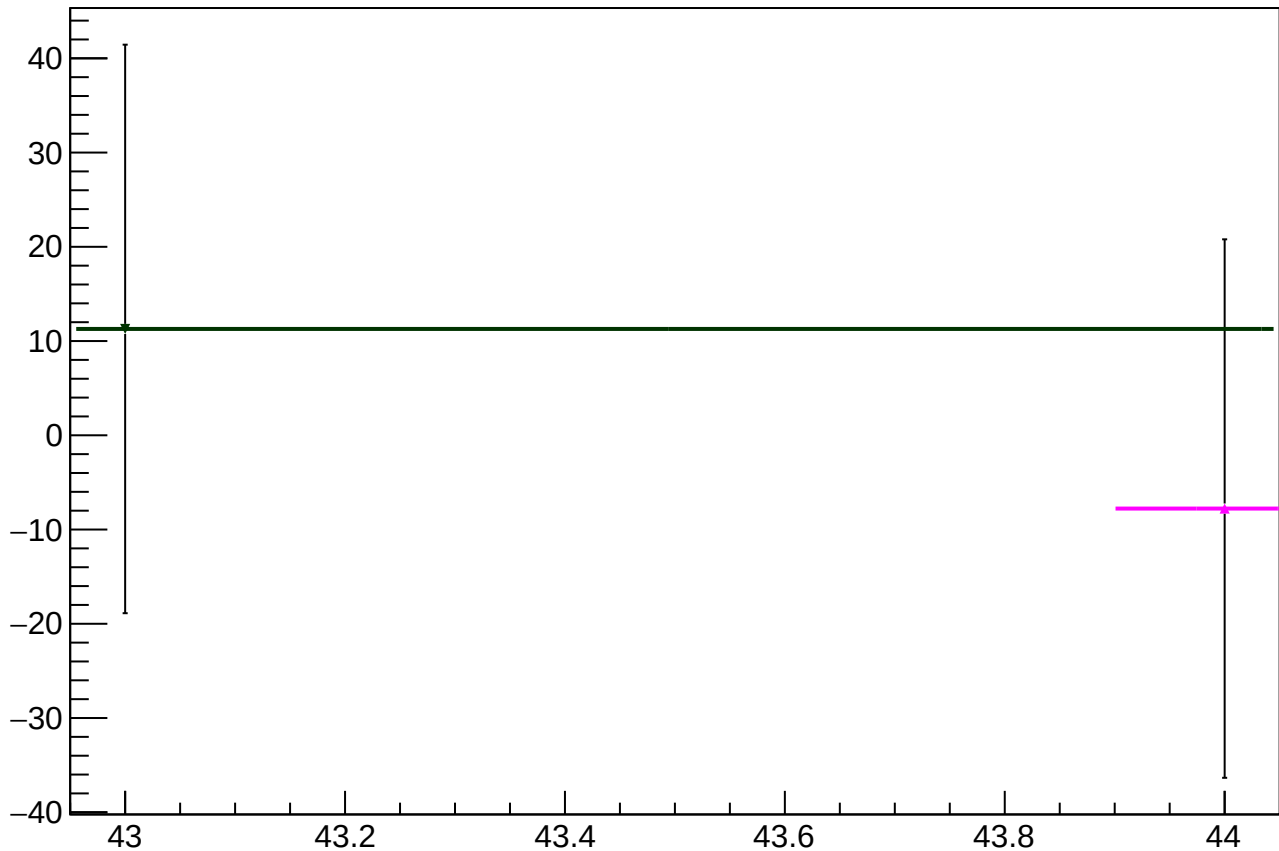
160.492+/-0.167 χ^2/NDF : 0.0/0

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

186.457+/-0.184 χ^2/NDF : 0.0/0

Left In: 186.457+/-0.184 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: 11.285+/-30.163 χ^2/NDF : 0.0/0

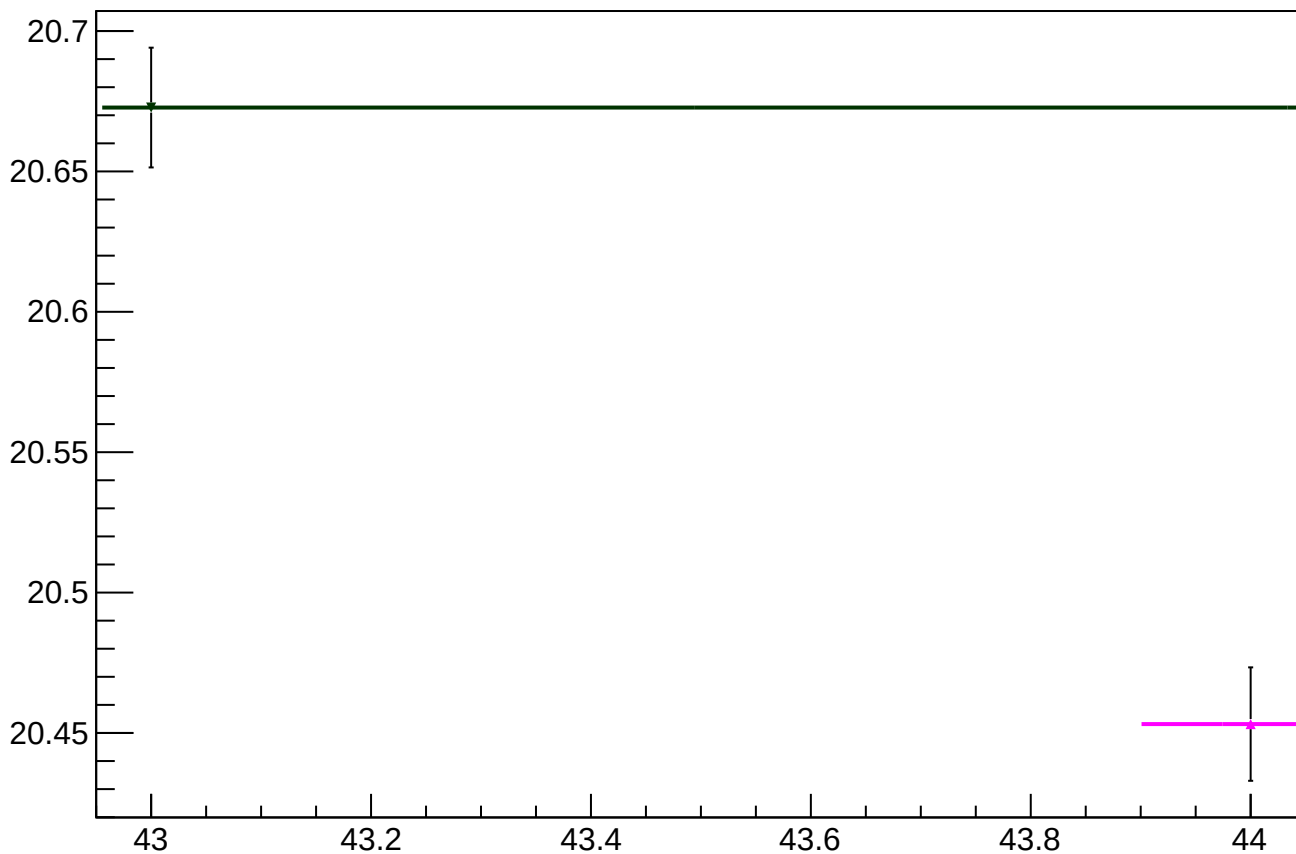
11.285+/-30.163 χ^2/NDF : 0.0/0

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

-7.775+/-28.568 χ^2/NDF : 0.0/0

Left In: -7.775+/-28.568 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 20.673+/-0.021 χ^2/NDF : 0.0/0

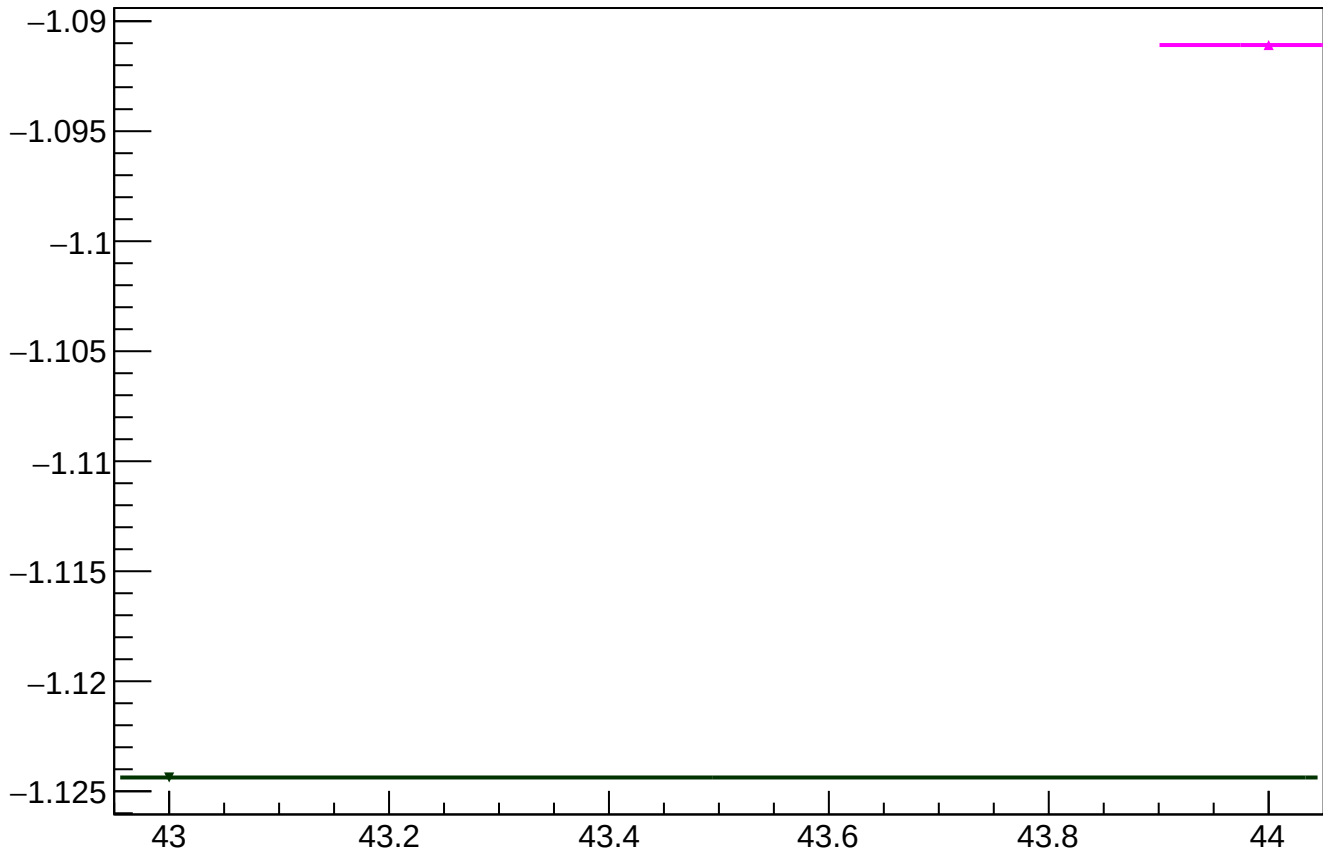
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.453+/-0.020 χ^2/NDF : 0.0/0

20.673+/-0.021 χ^2/NDF : 0.0/0

20.453+/-0.020 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs slug



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

Left Out: -1.124+/-0.000 χ^2/NDF : 0.0/0

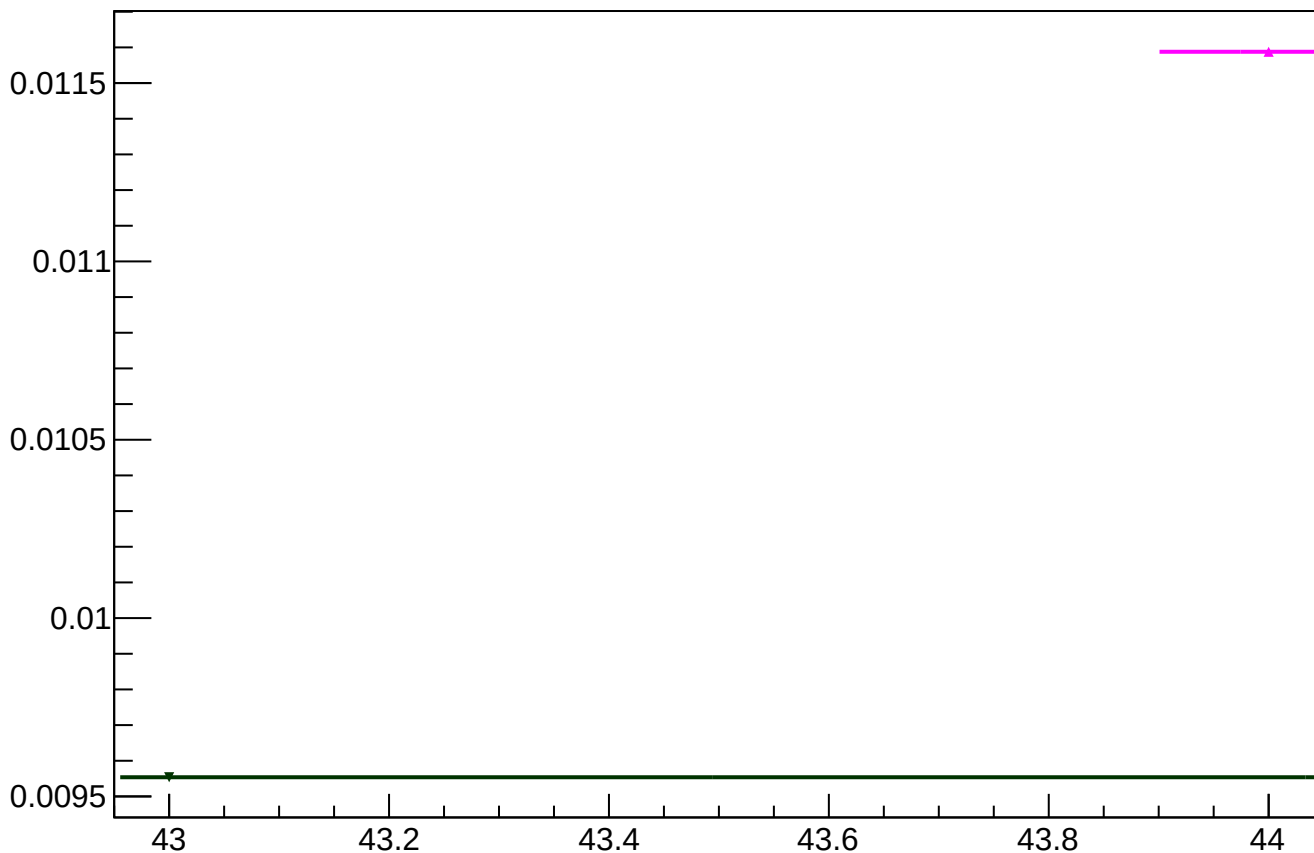
-1.124+/-0.000 χ^2/NDF : 0.0/0

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

-1.091+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.091+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs slug



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

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

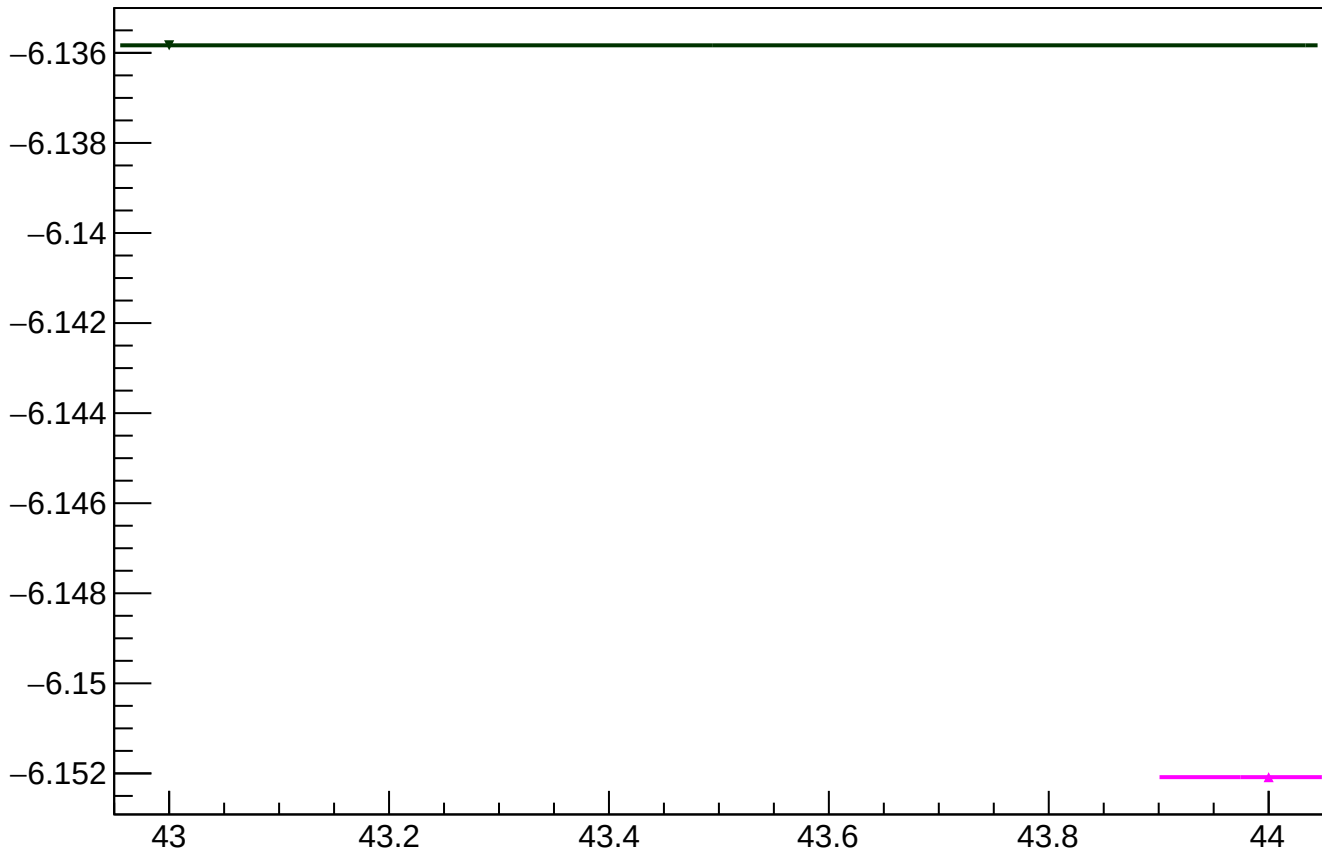
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



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

Left Out: -6.136+/-0.000 χ^2/NDF : 0.0/0

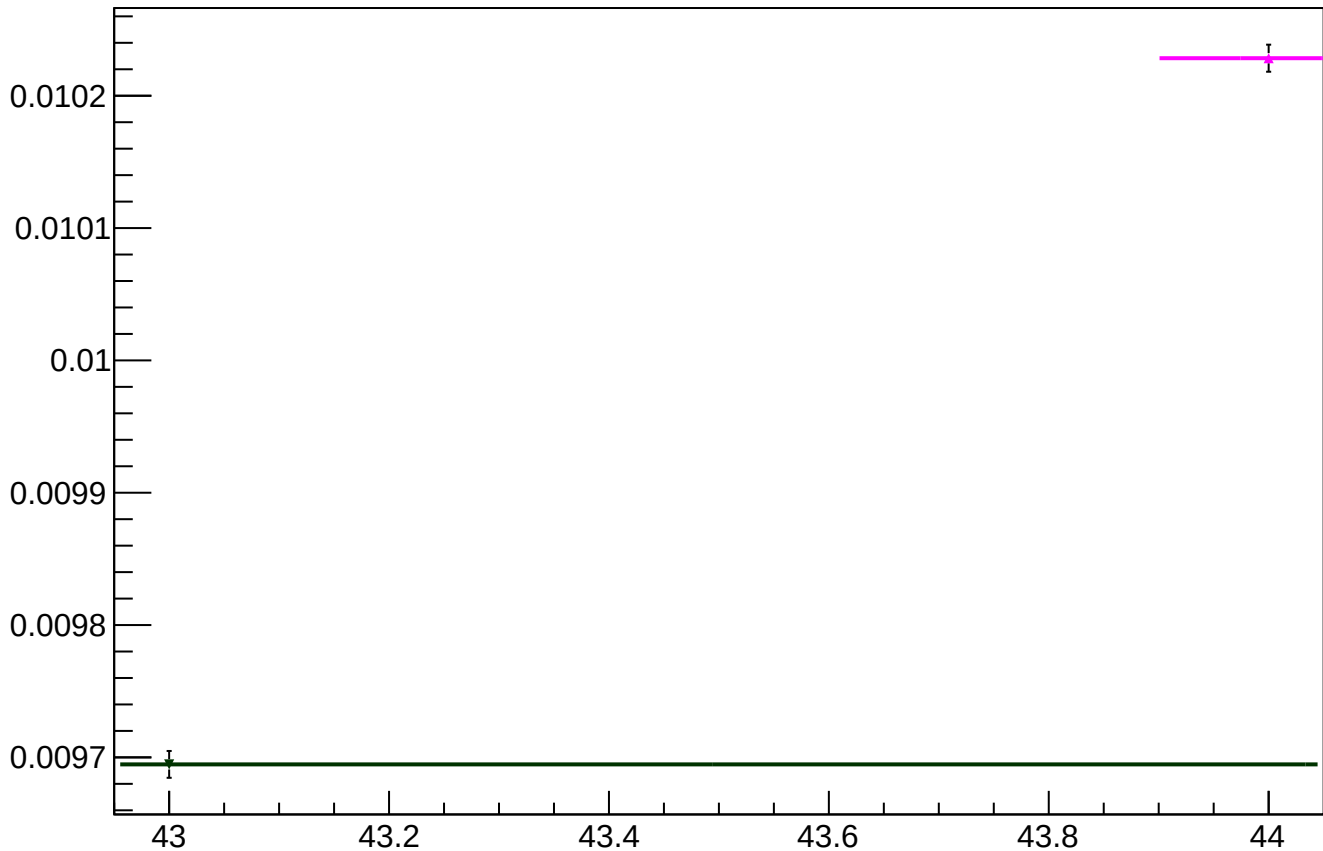
-6.136+/-0.000 χ^2/NDF : 0.0/0

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

-6.152+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.152+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs slug



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

Left Out: 0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

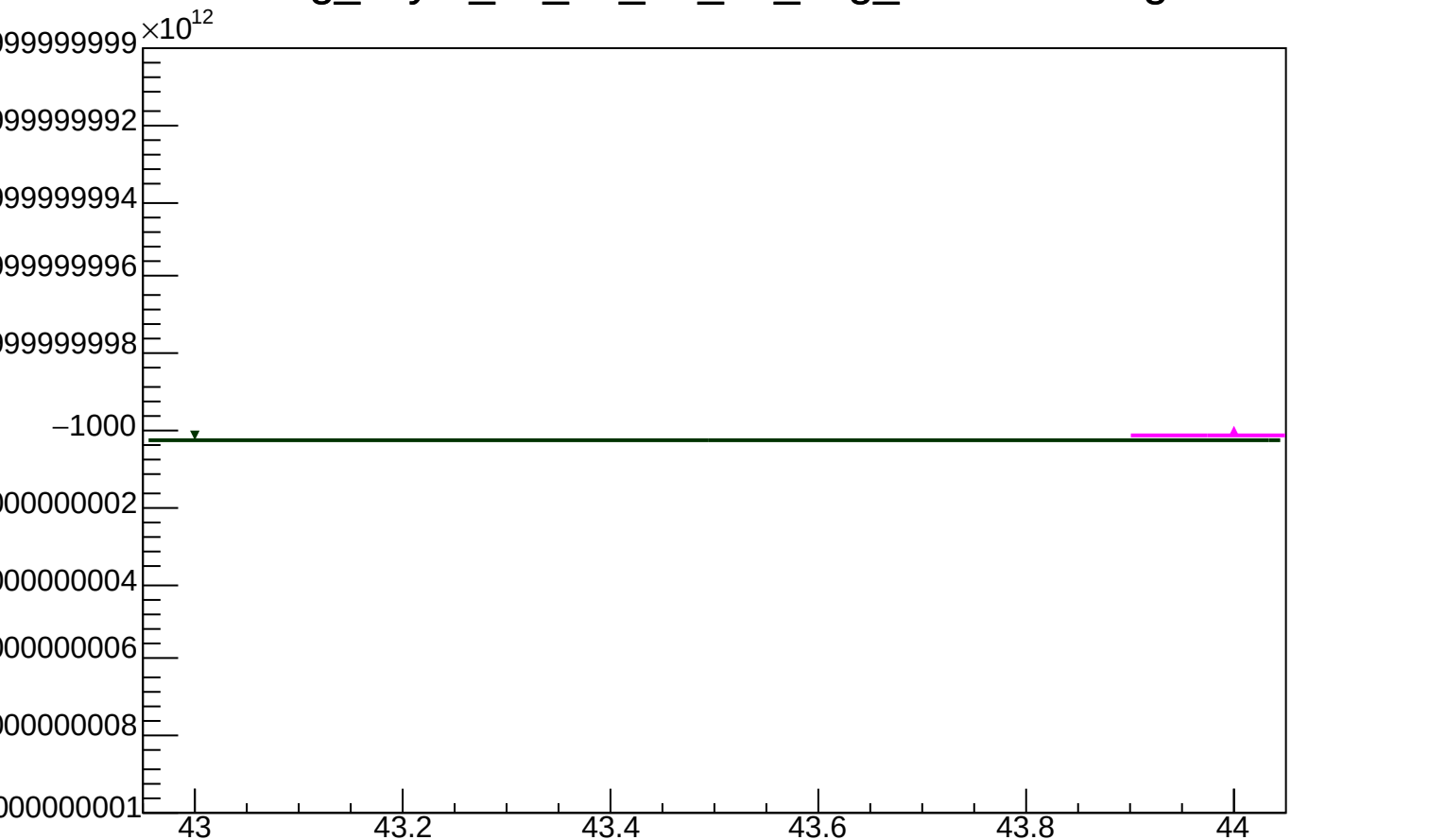
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs slug



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

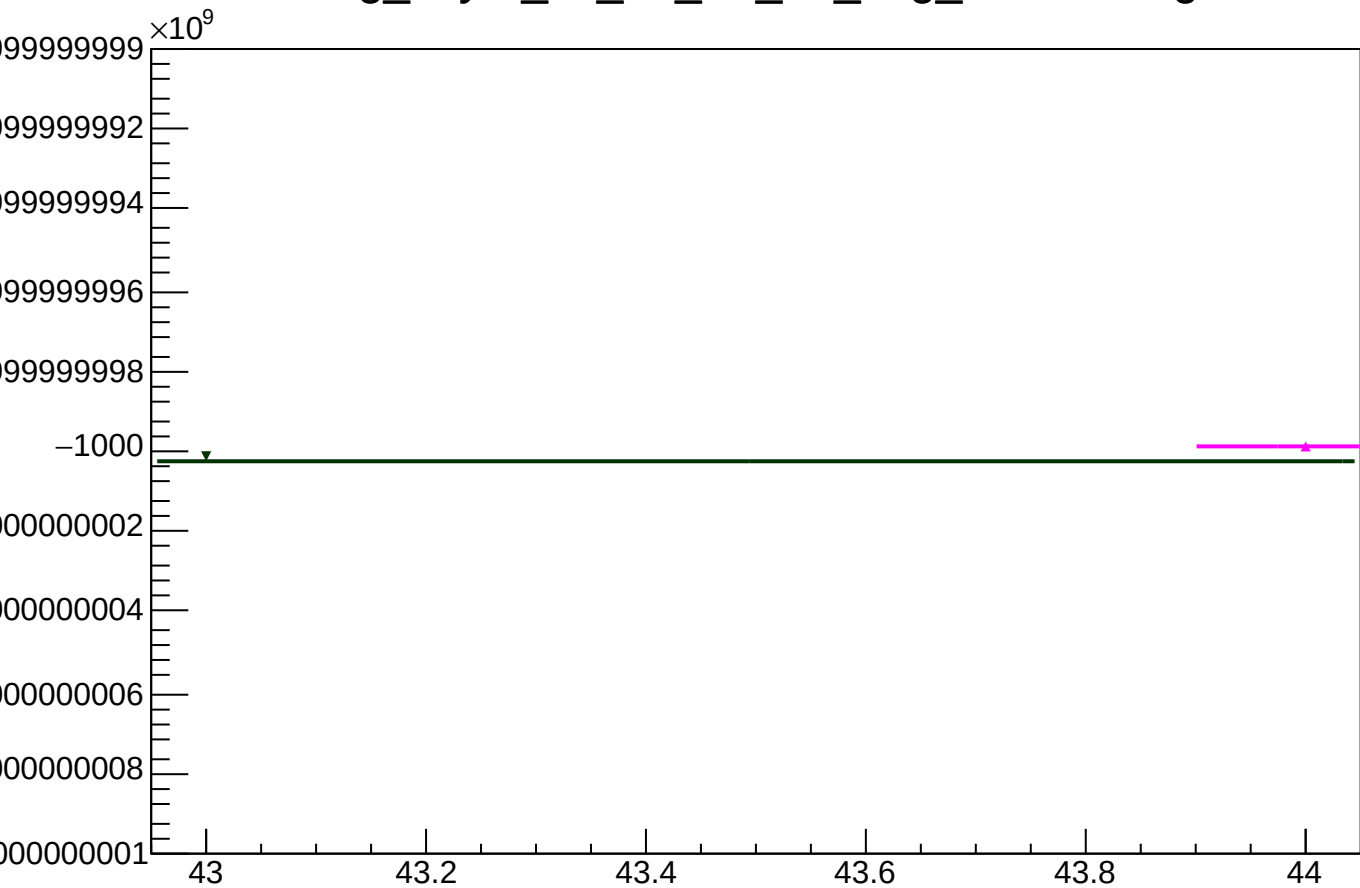
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -10000000000000000.125+/-0.140 χ^2/NDF :0.8/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

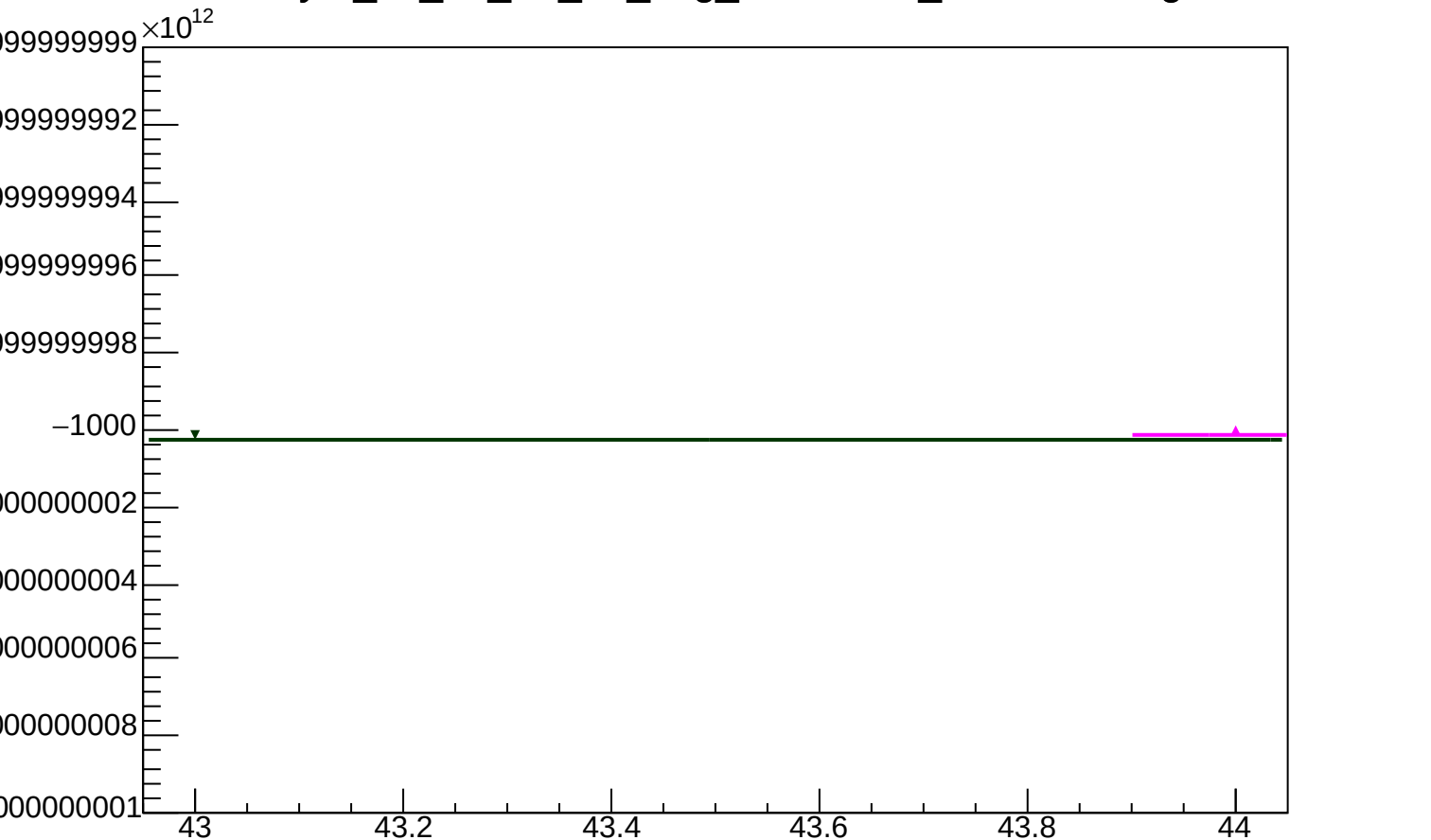
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_mean vs slug



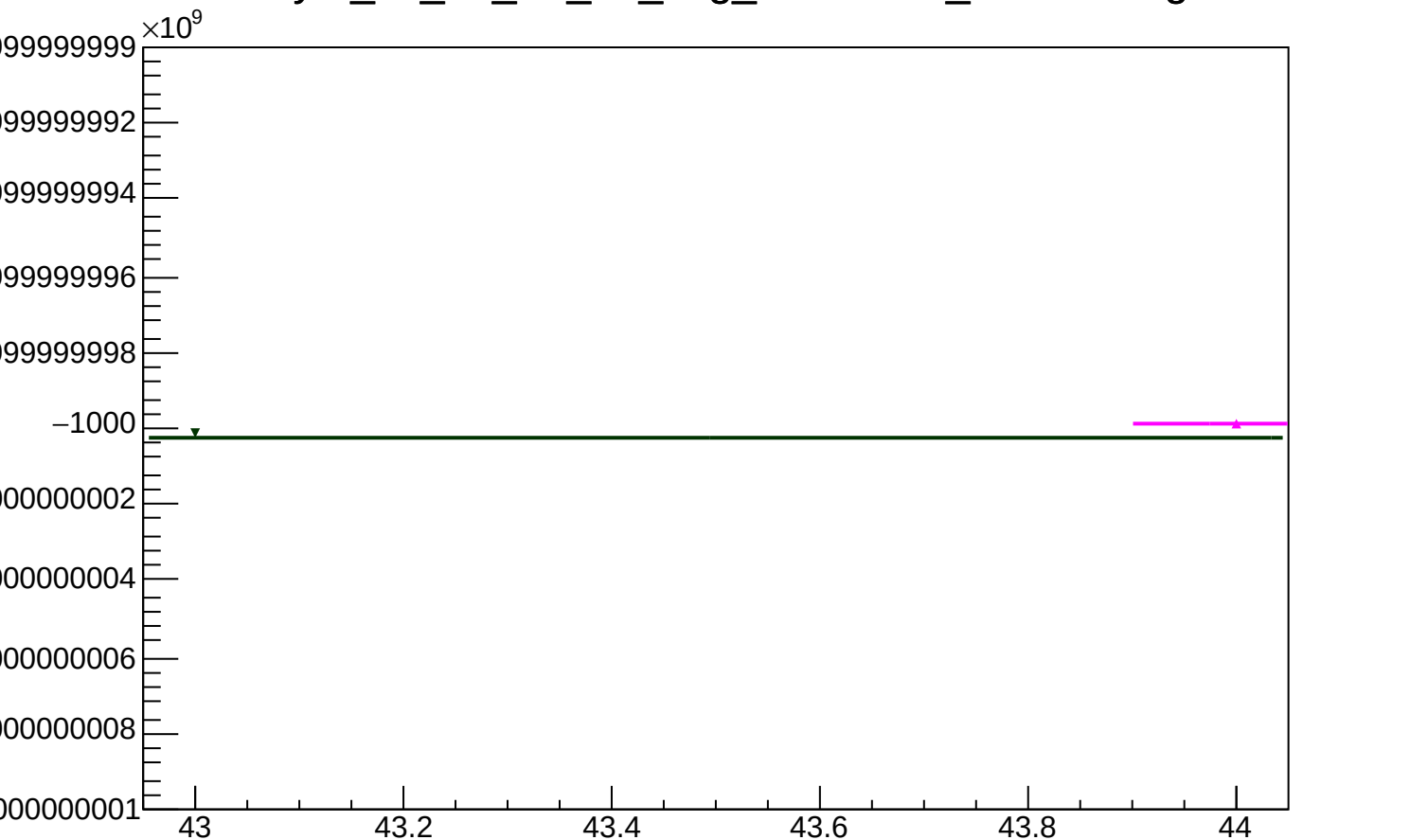
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

asym_atl_dd_atr_dd_avg_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

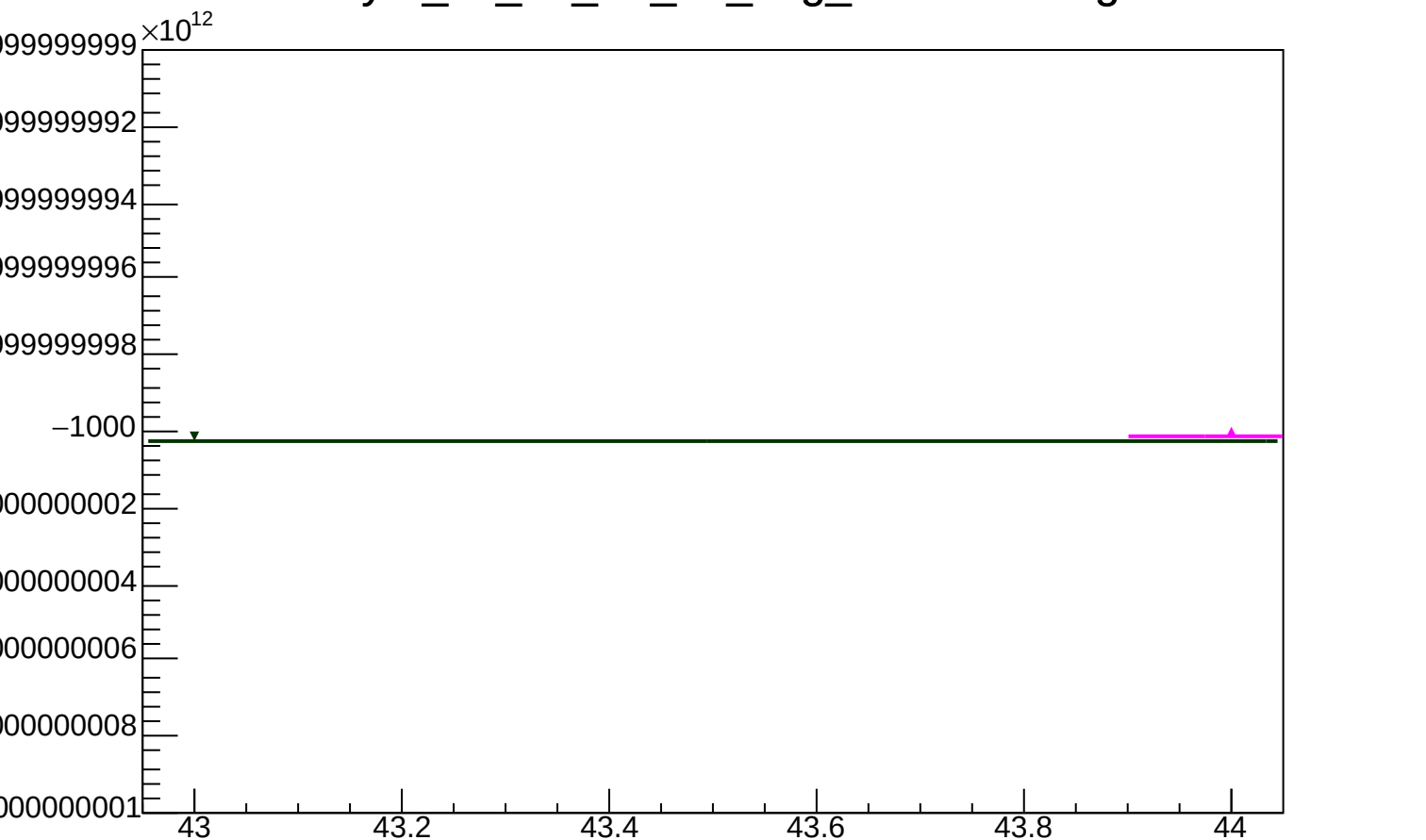
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



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

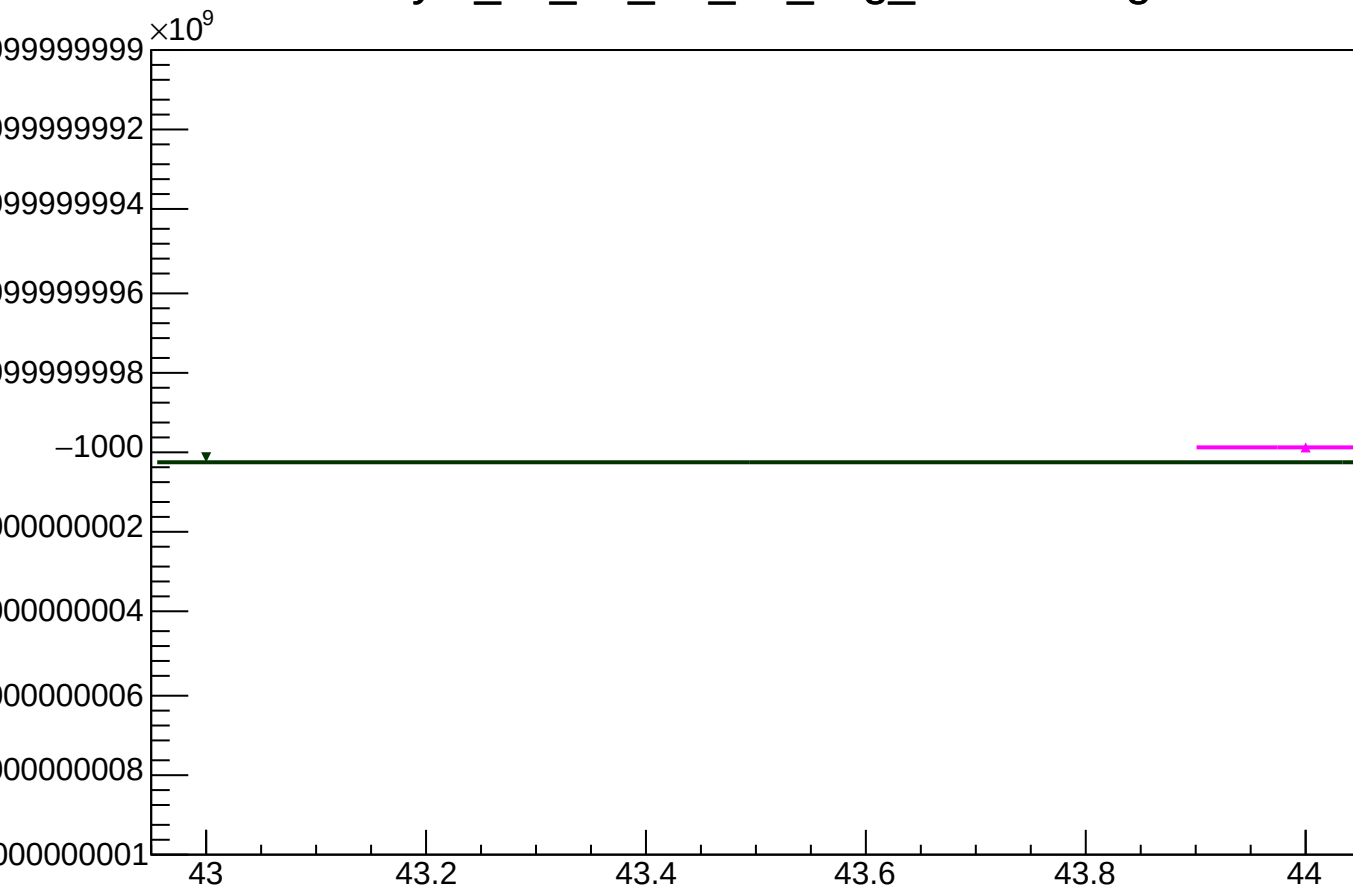
Left Out: -10000000000000000.250+/-0.018 χ^2 /NDF:47.0/0

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

Right Cut: 0.00017/-0.000 χ^2 /NDF: 0.0/0
Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

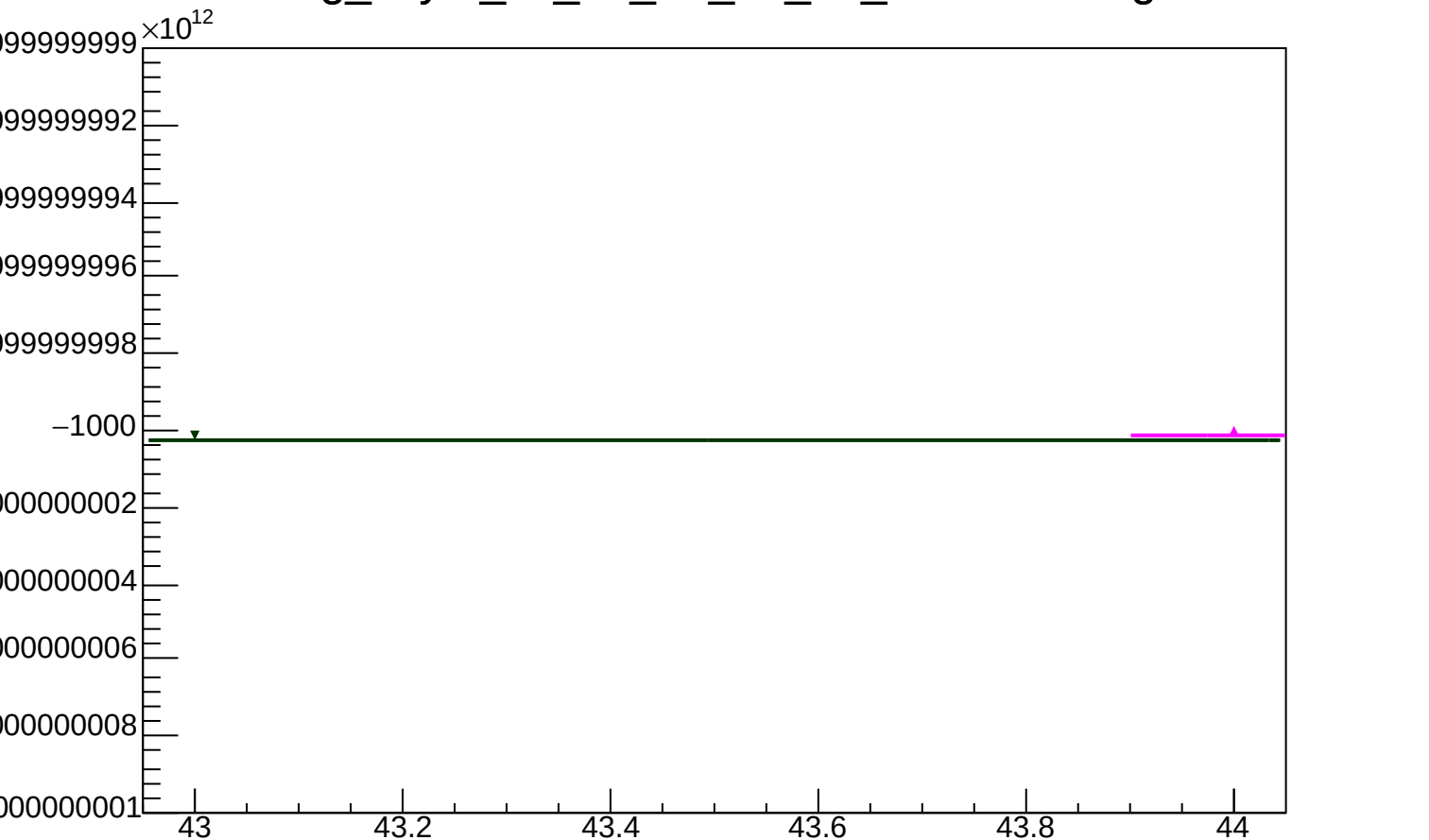
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs slug



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

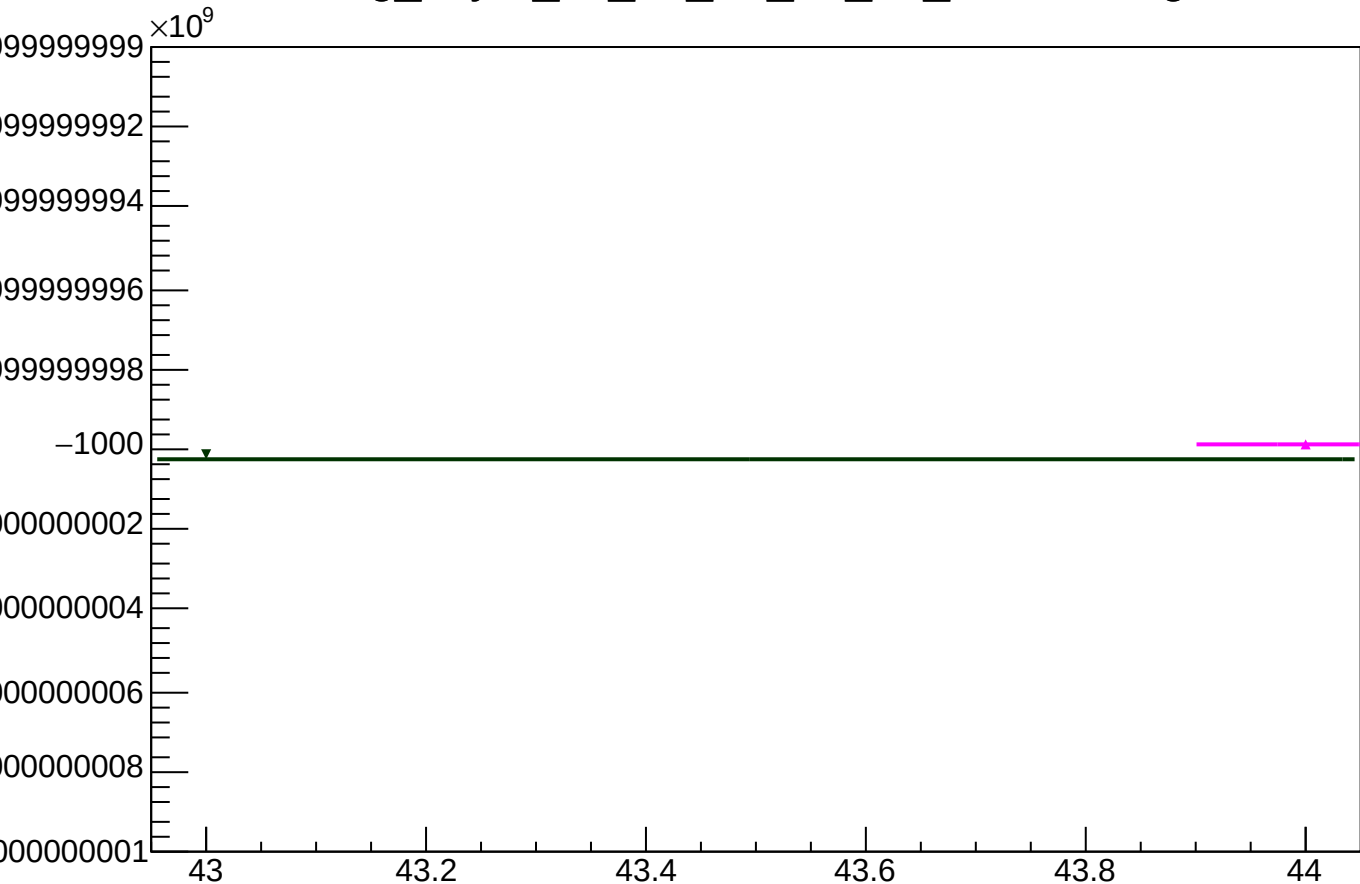
Left Out: -10000000000000000.250+/-0.018 χ^2 /NDF:47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

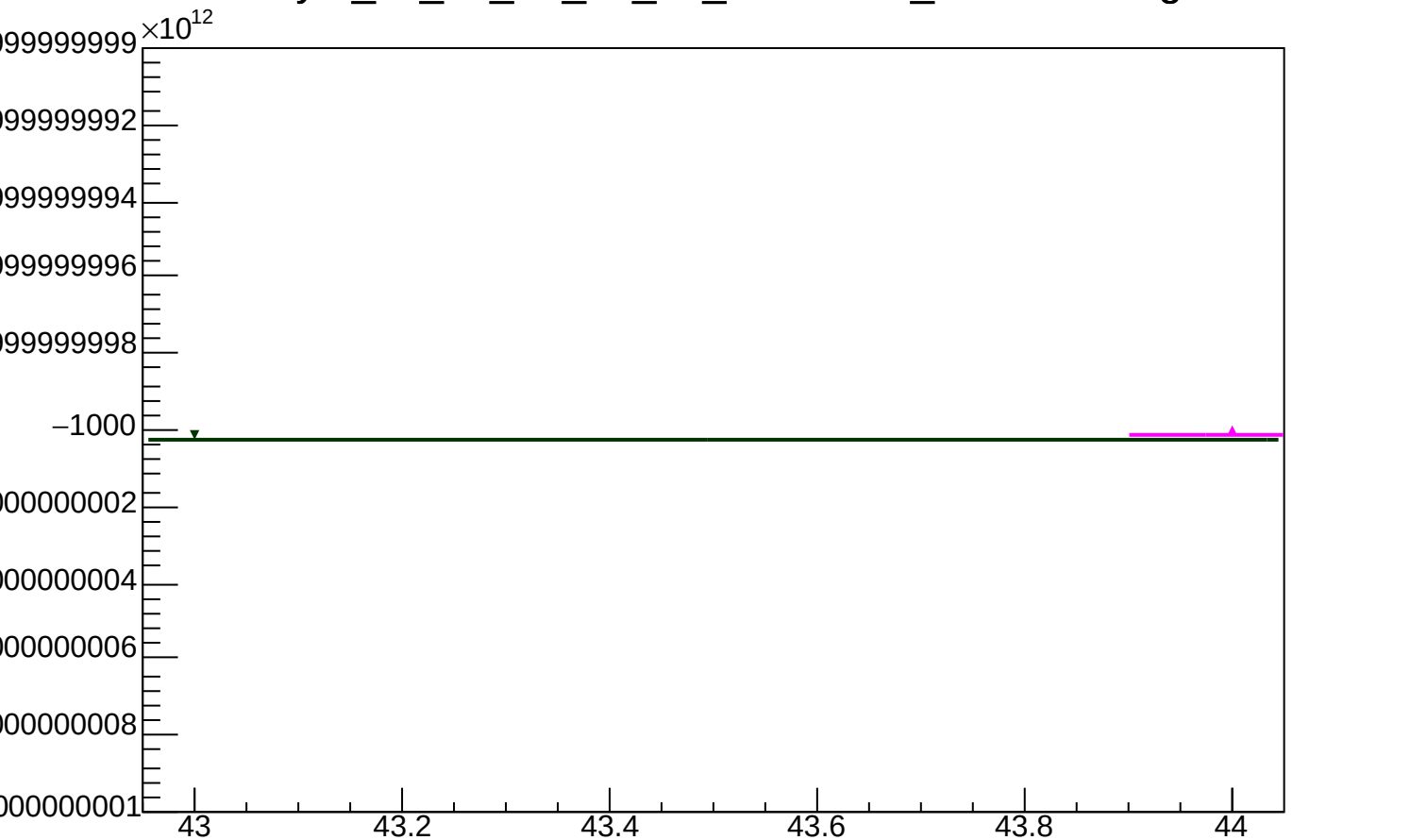
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_mean vs slug



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

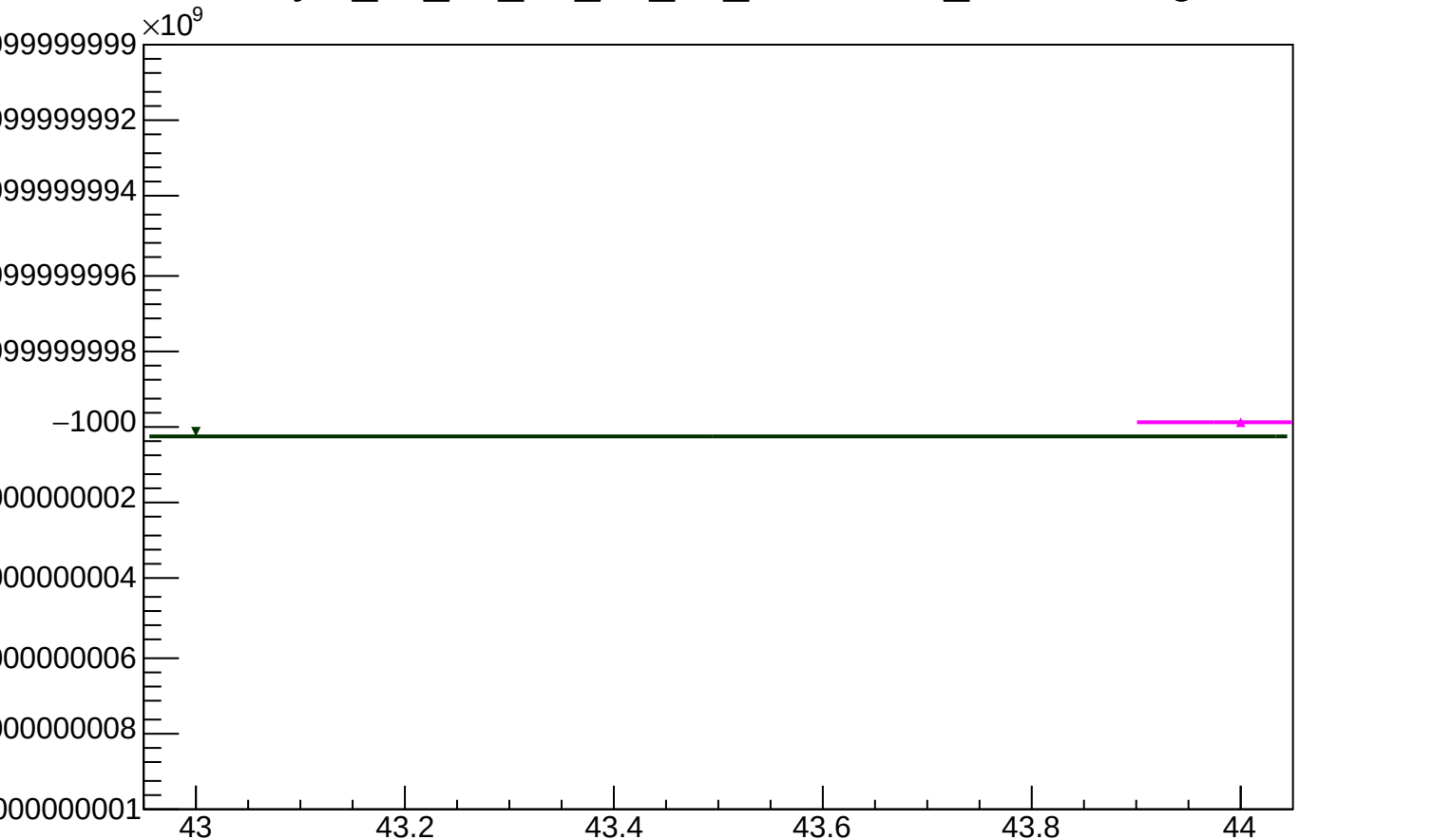
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2 /NDF:47.0/0

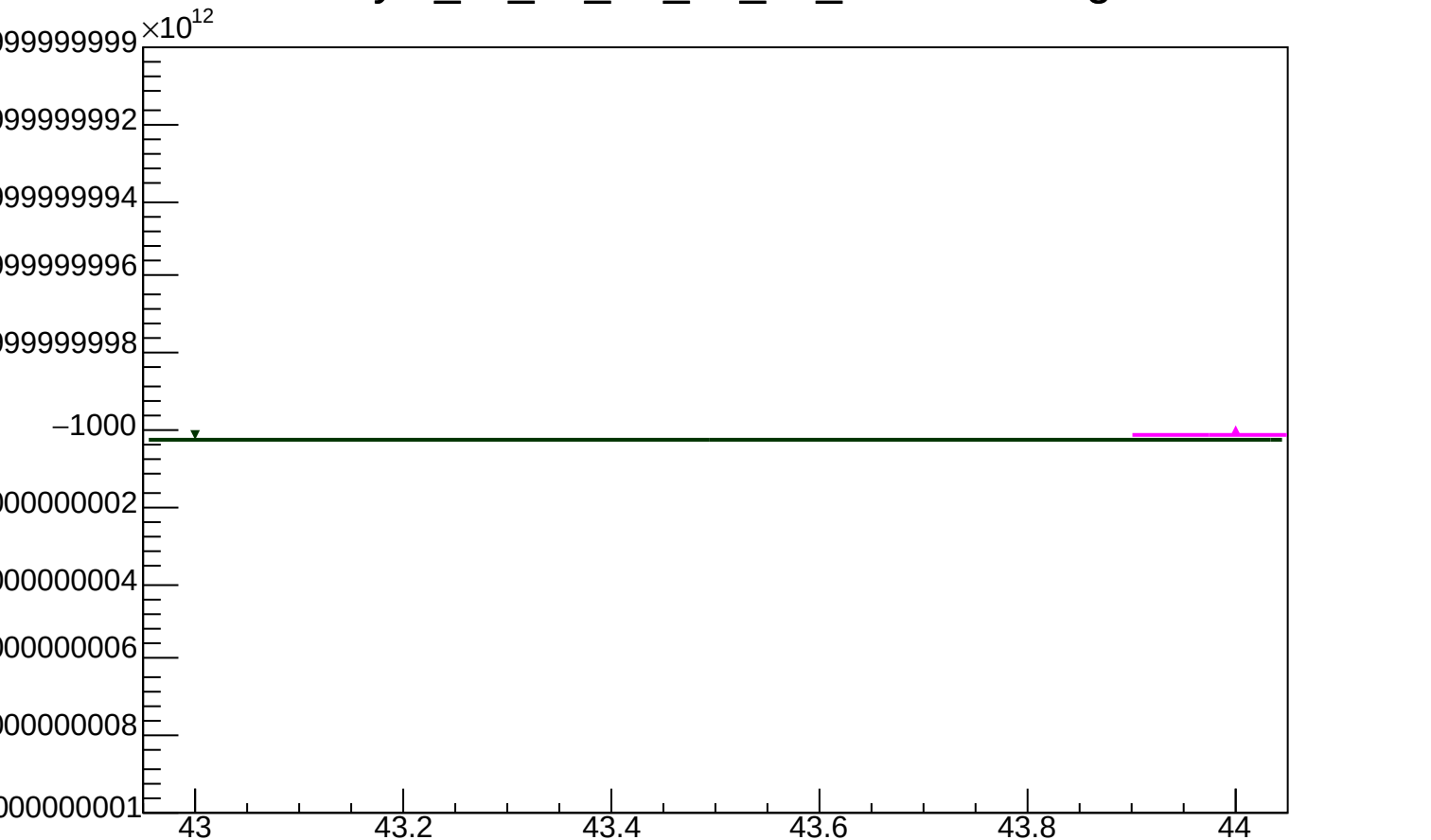
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2 /NDF:0.0/0

-1000000000000.000+/-0.000 χ^2 /NDF: 47.0/0

-1000000000000.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



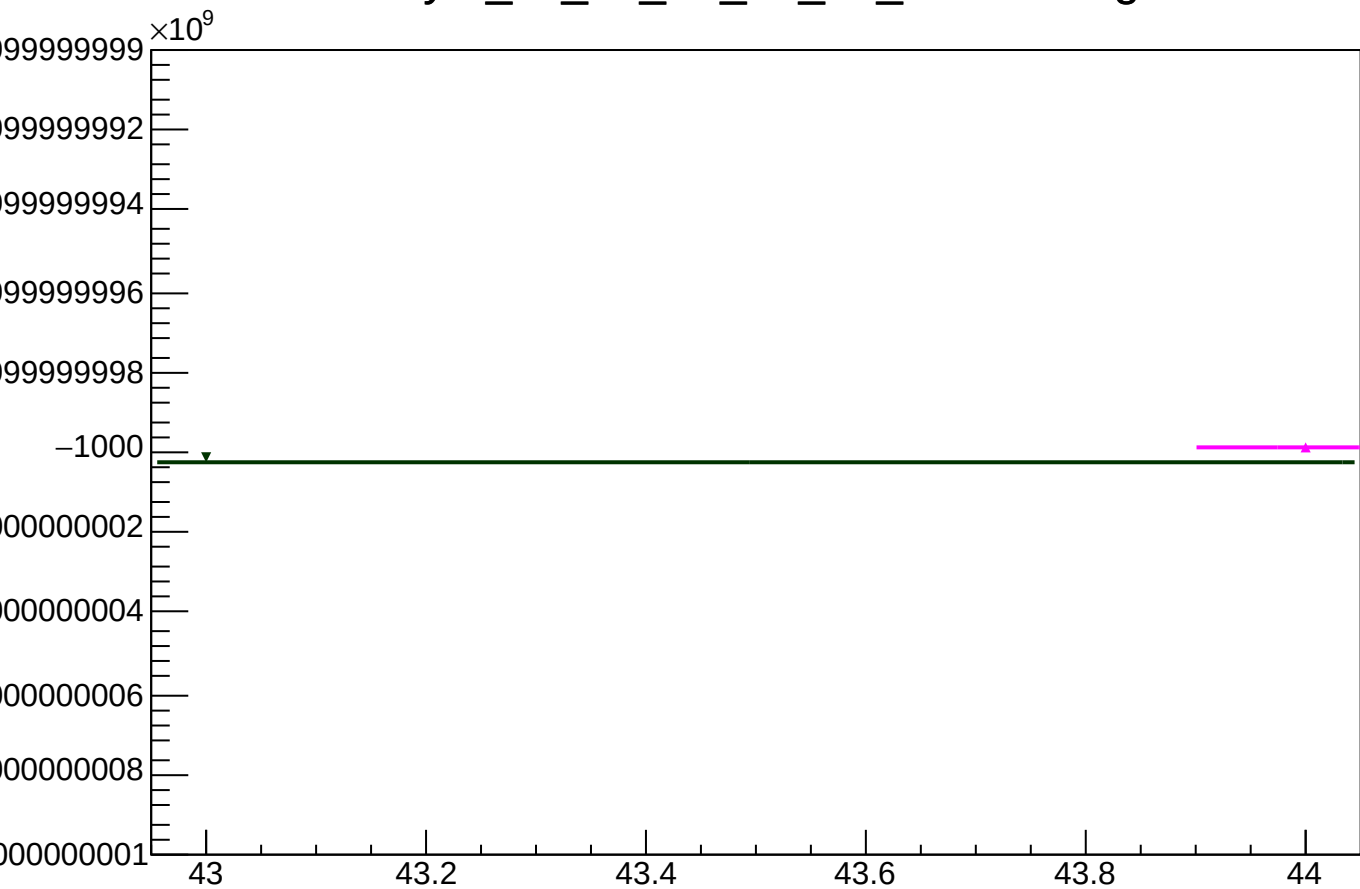
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: $-1000000000000000.250 \pm 0.018$ χ^2/NDF : 47.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: $-1000000000000000.125 \pm 0.140$ χ^2/NDF : 0.8/0

asym_atl_dd_atr_dd_dd_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

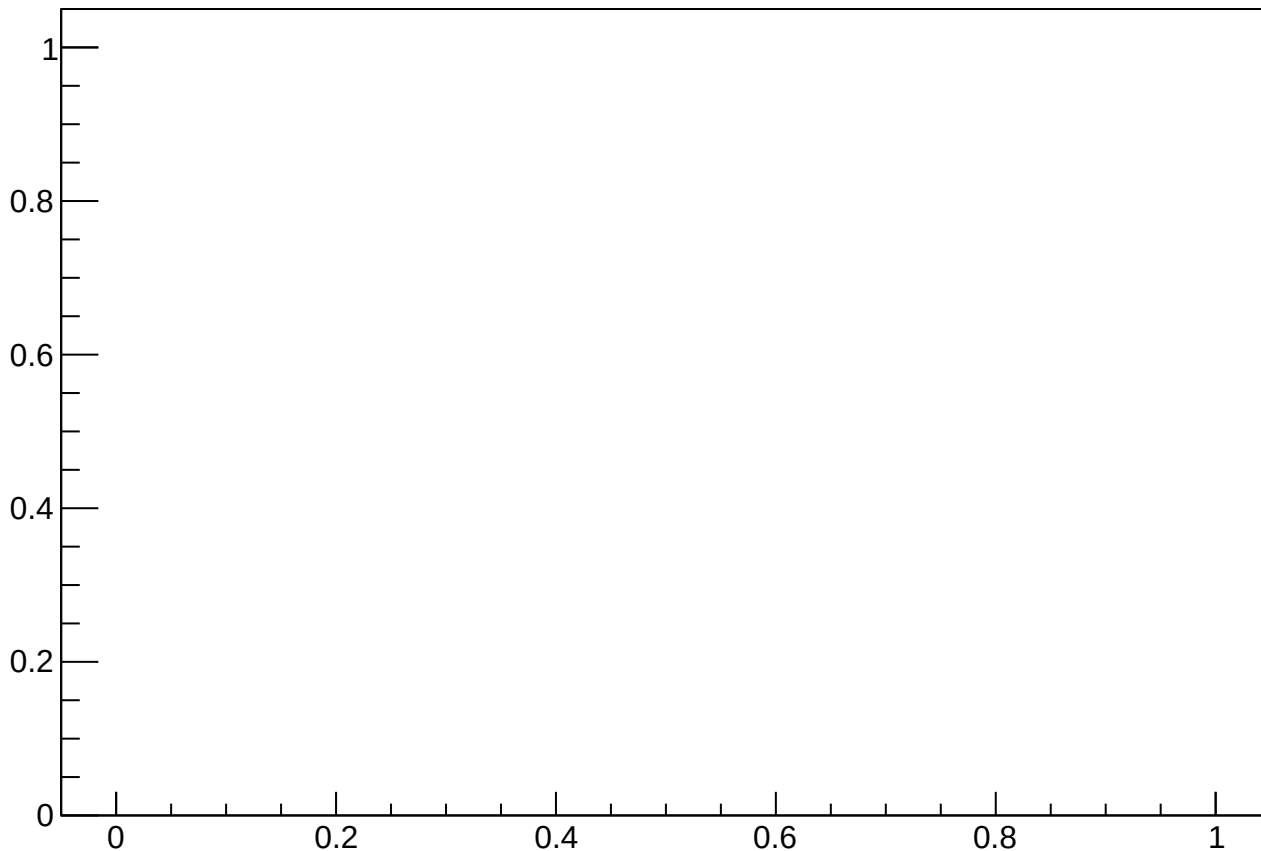
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

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

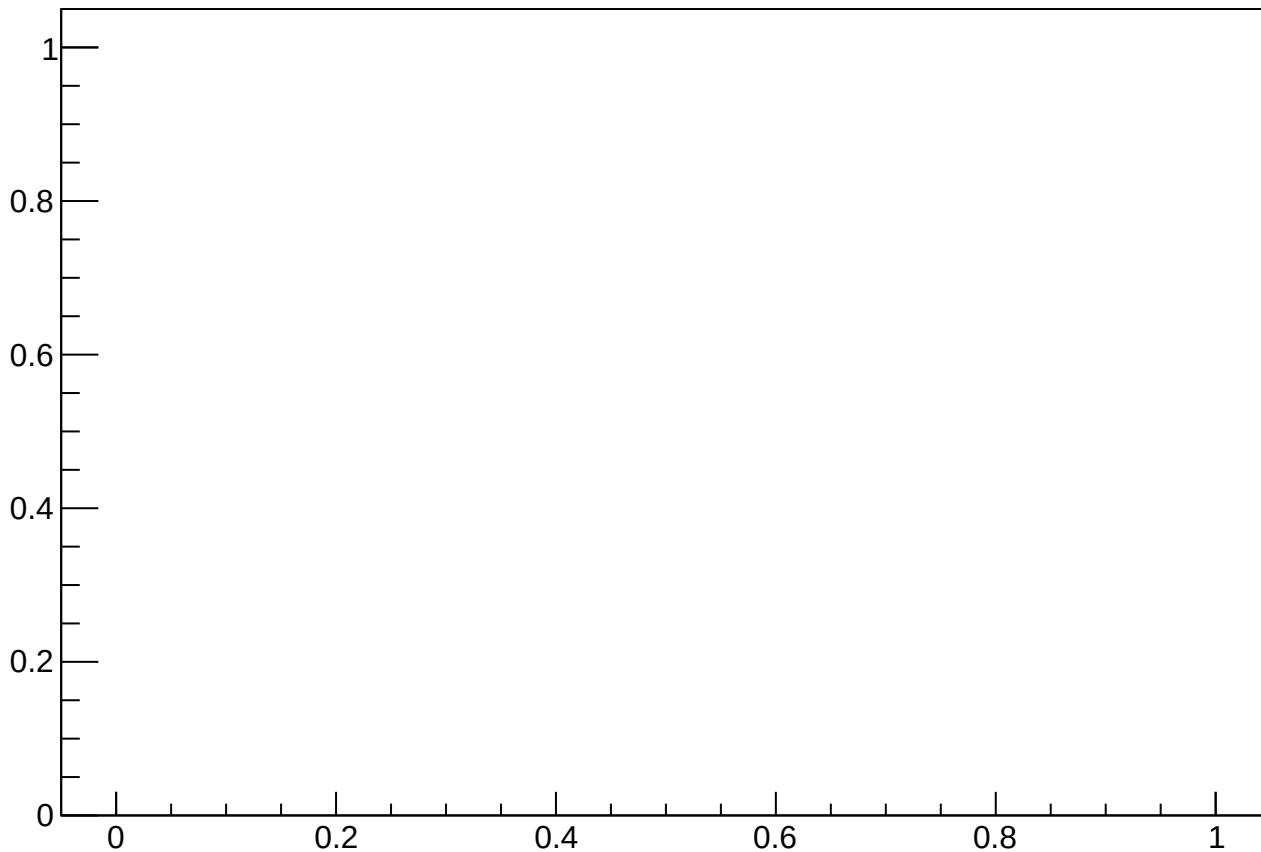
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

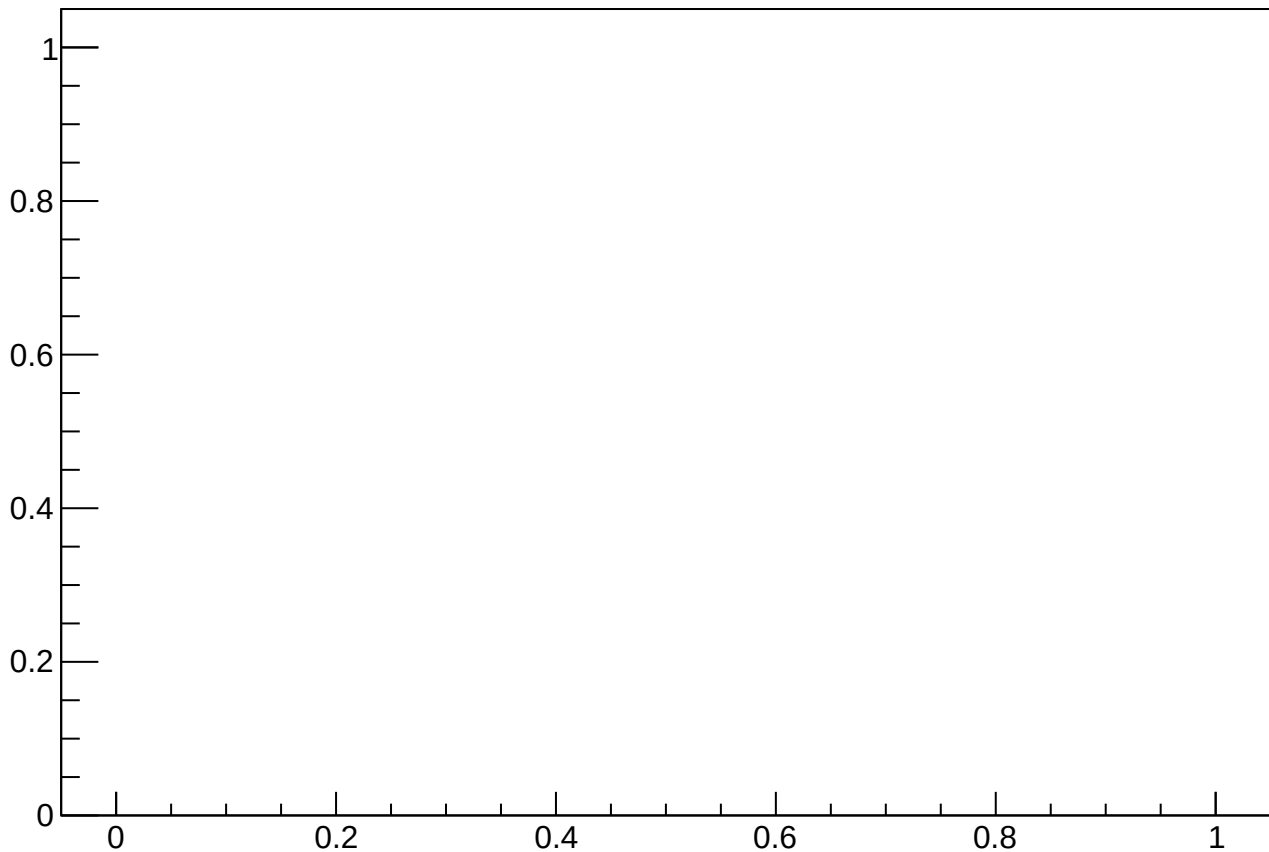
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

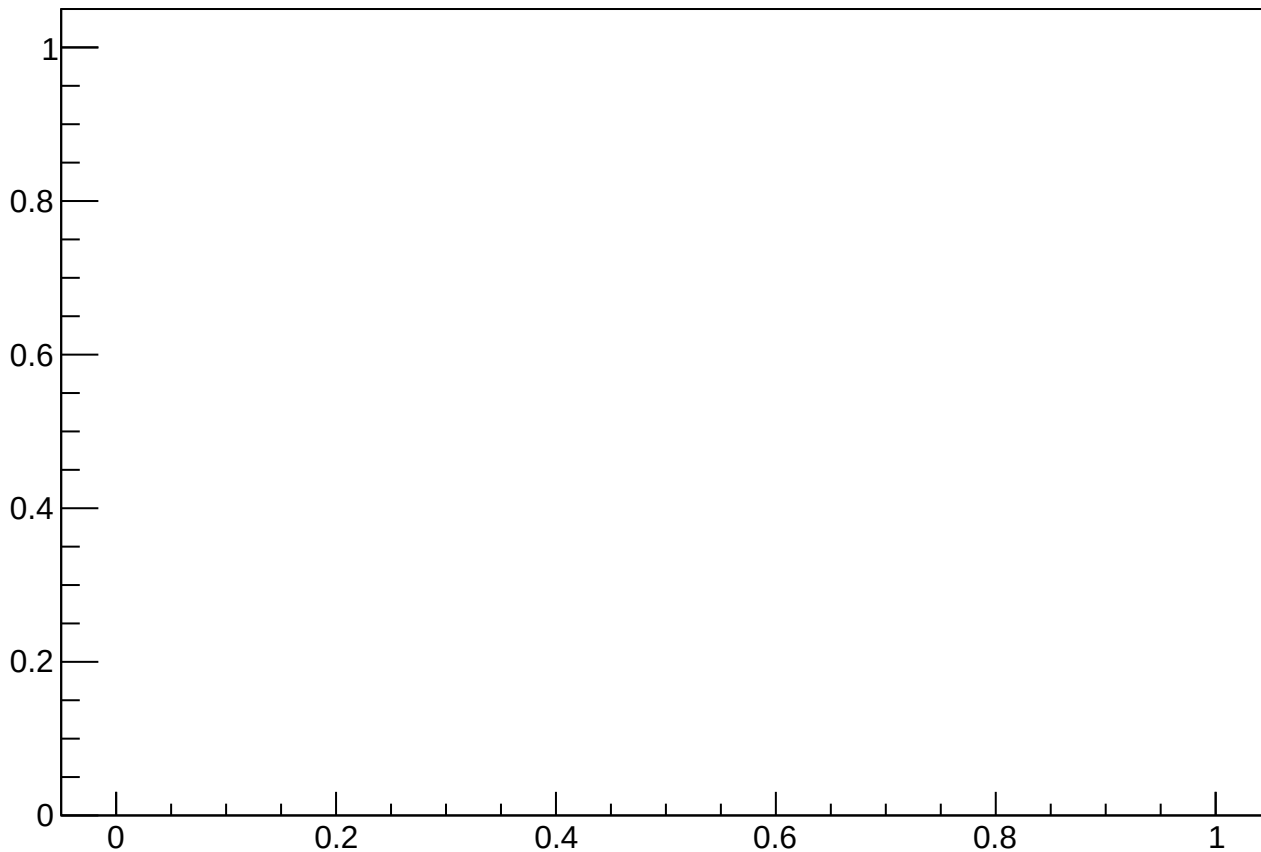
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

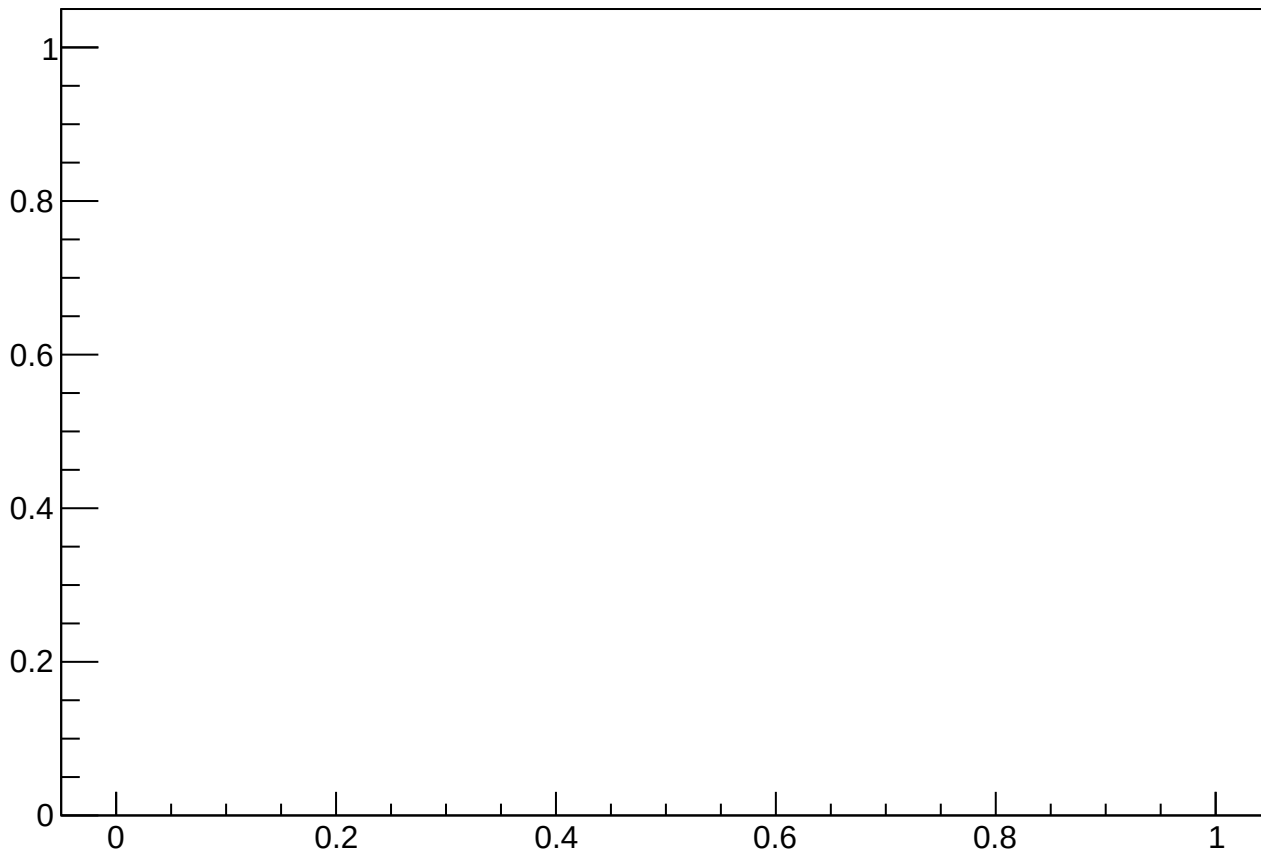
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

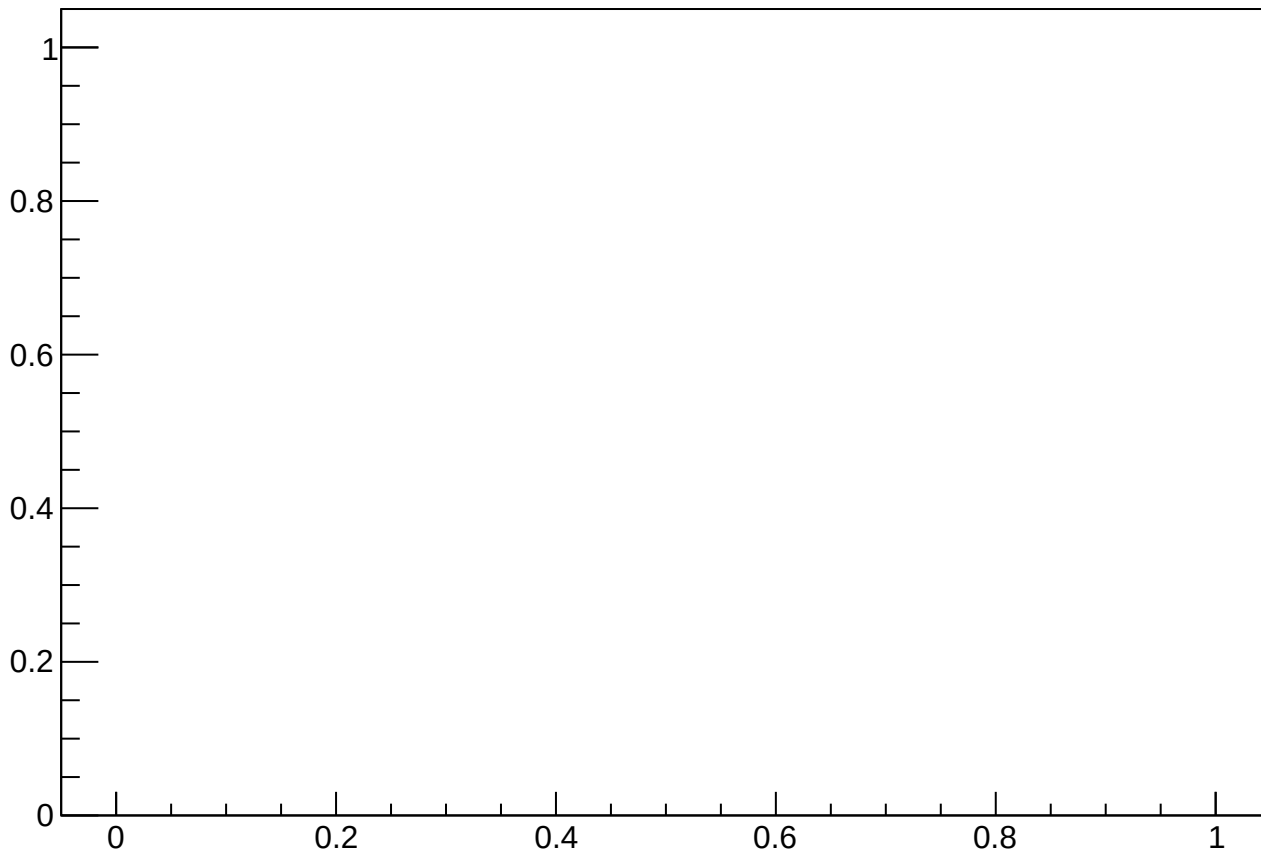
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

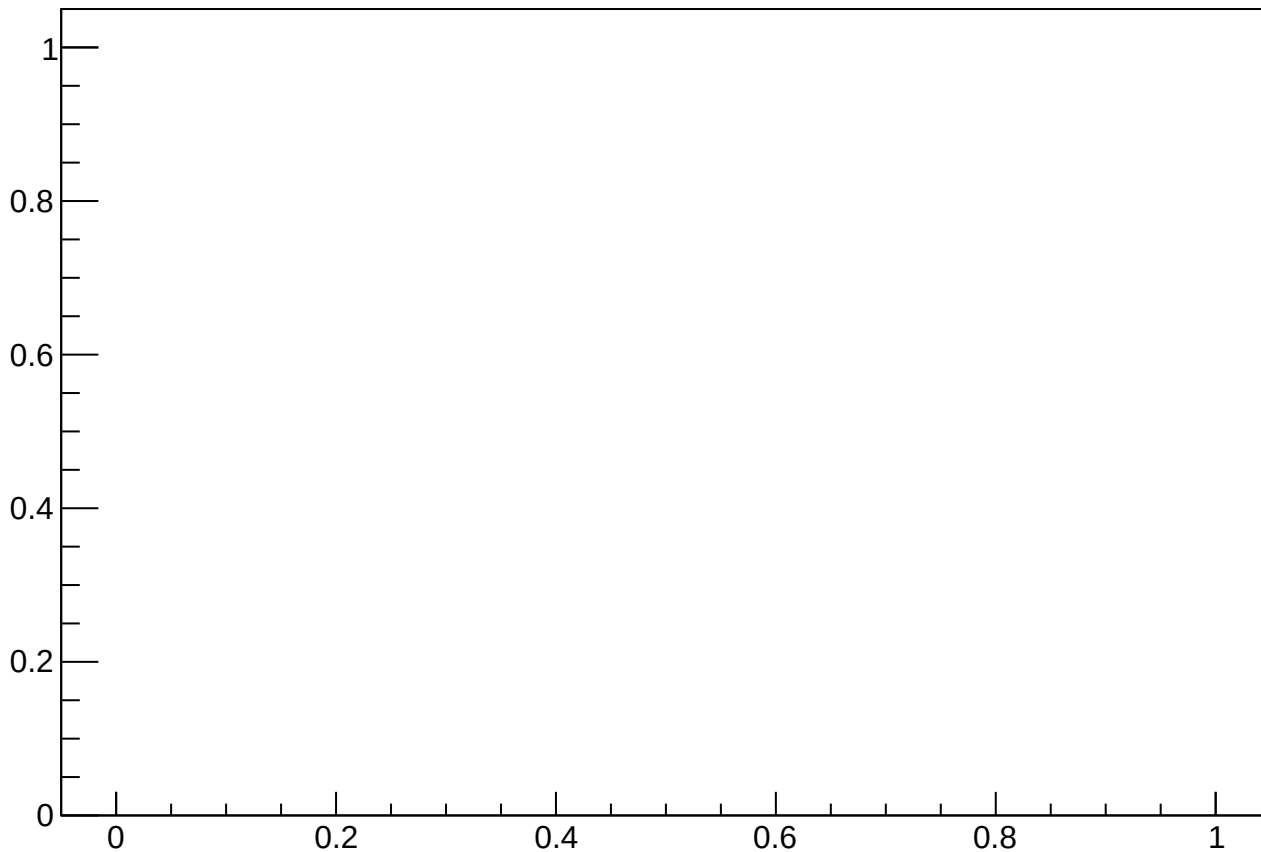
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

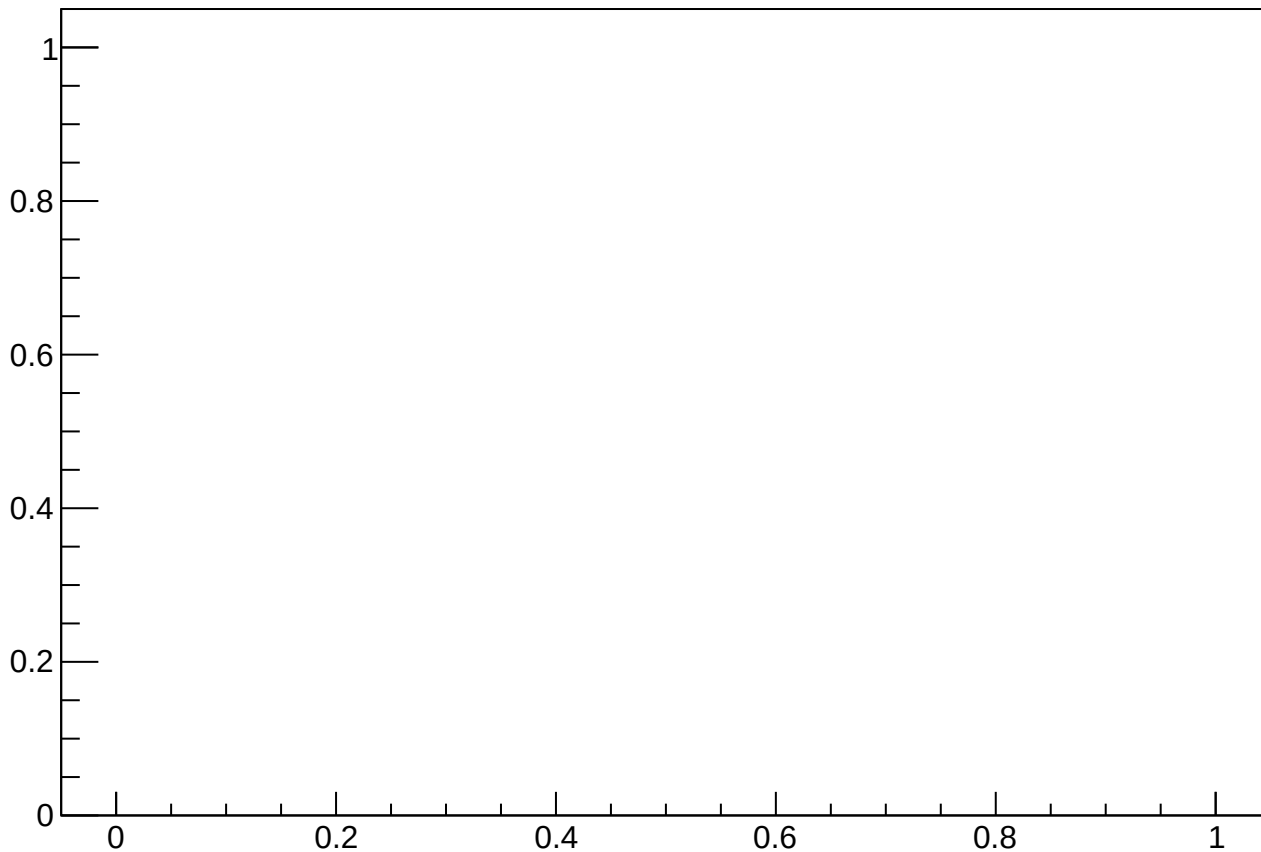
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

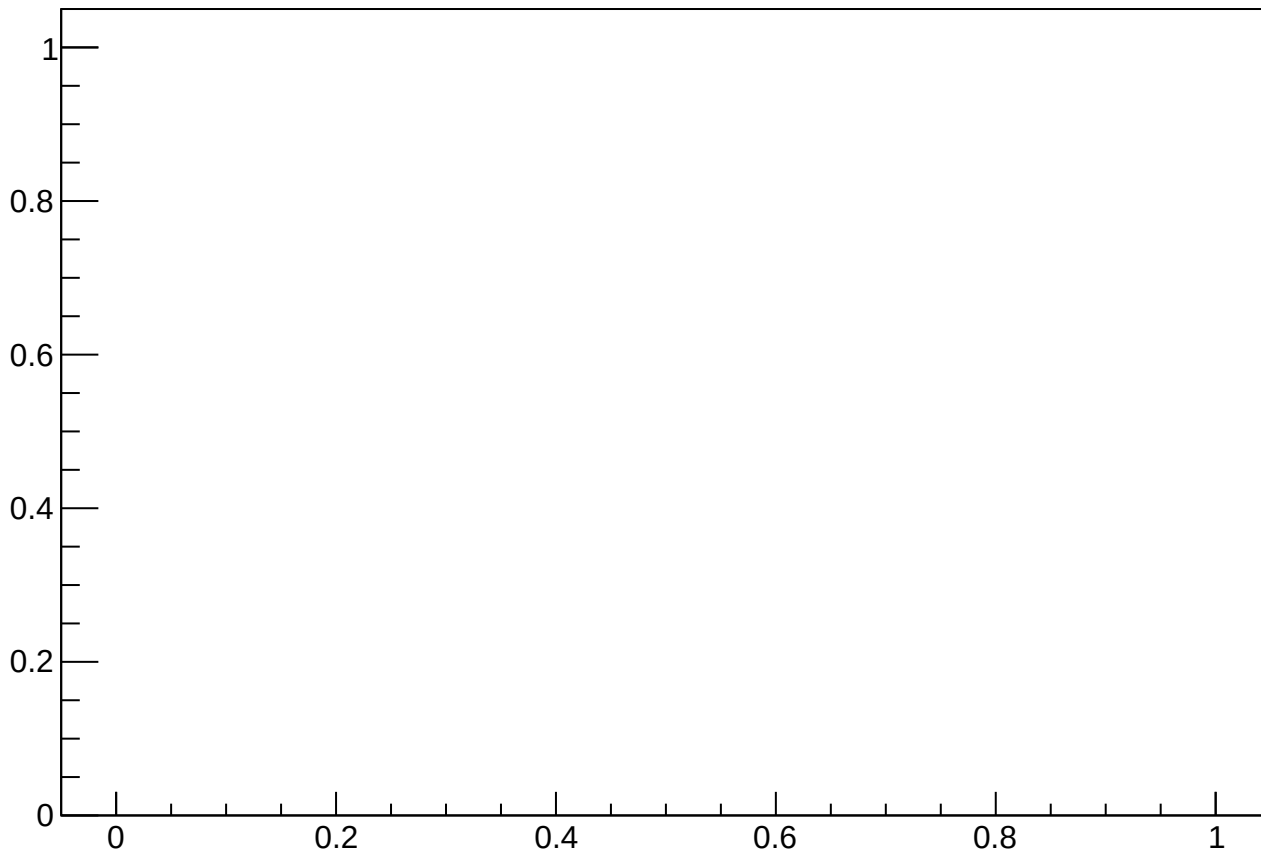
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

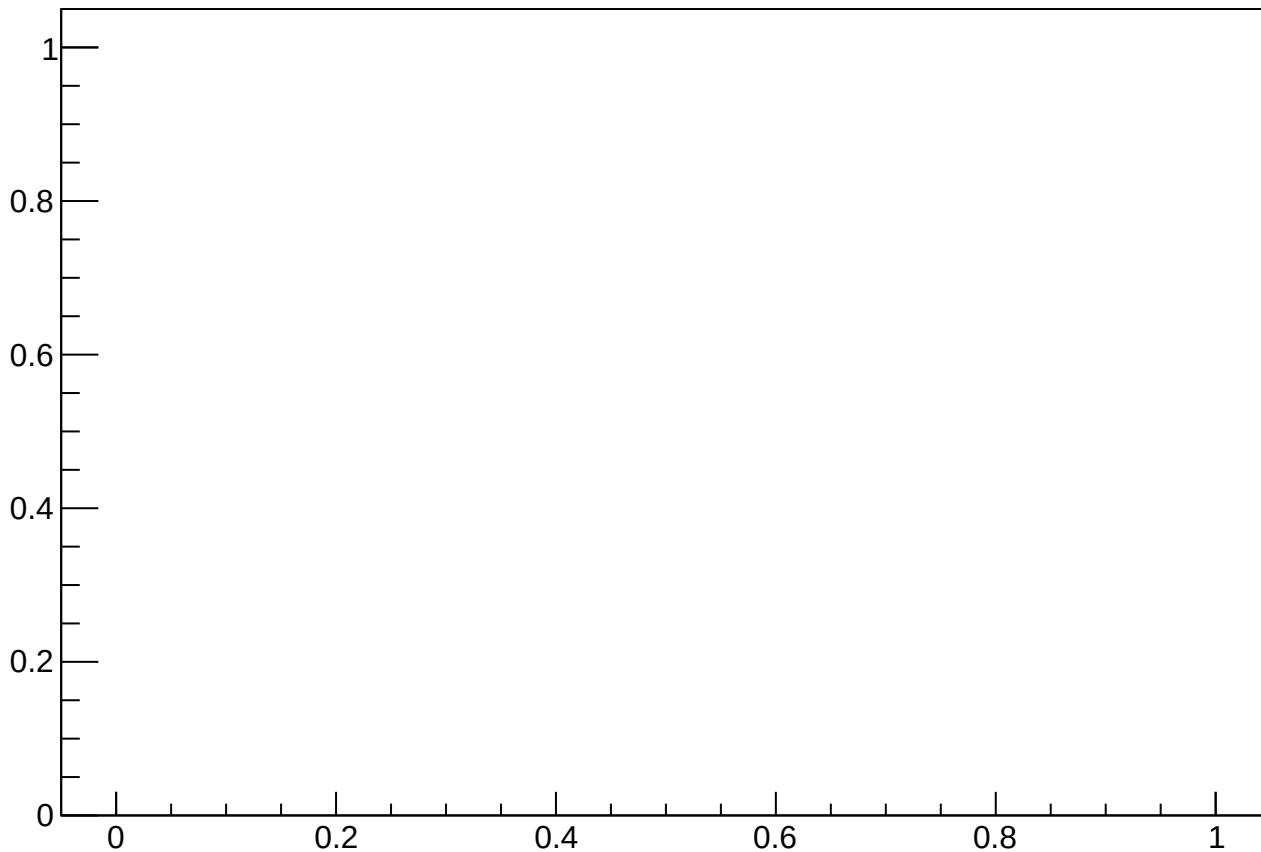
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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