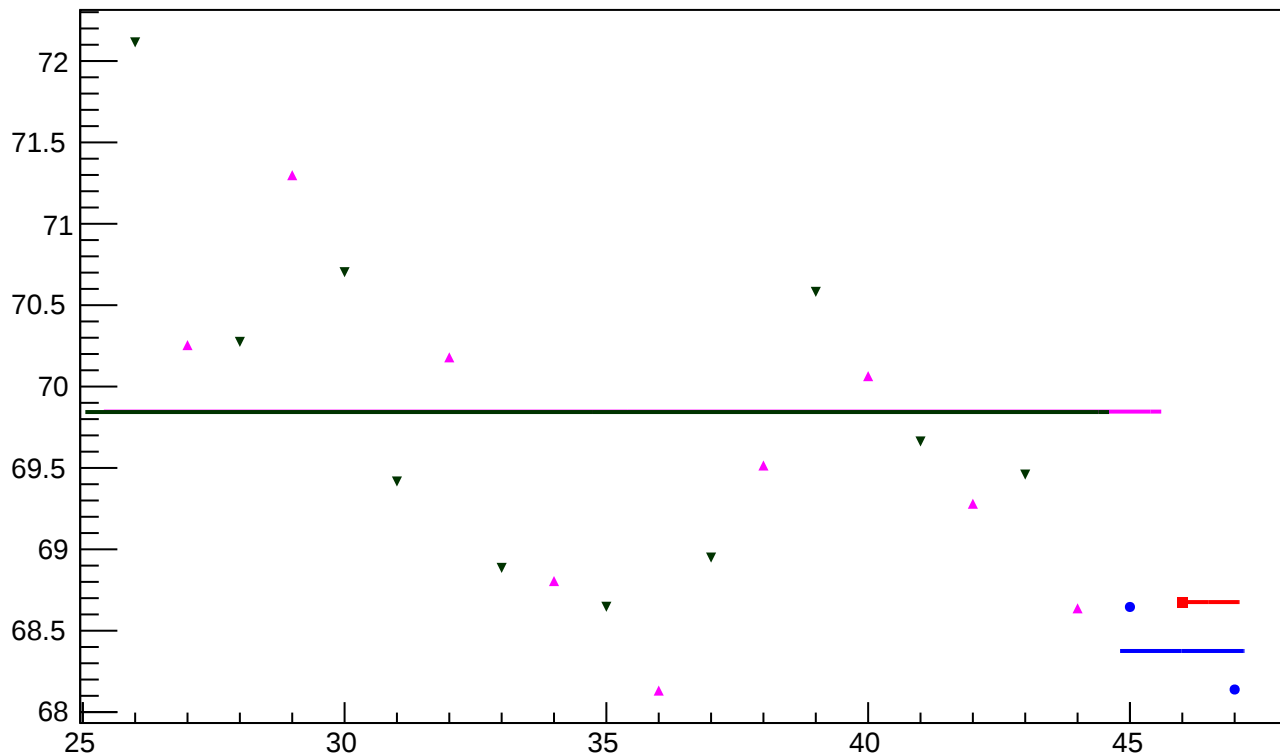


yield_usl_mean vs slug



Right In: 68.375+/-0.000

Left Out: 69.843+/-0.000

Right Out: 68.676+/-0.000

Left In: 69.846+/-0.000

χ^2 /NDF: 4225364.0/1

χ^2 /NDF: 214944835.0/9

χ^2 /NDF: 0.0/0

χ^2 /NDF: 291597621.2/8

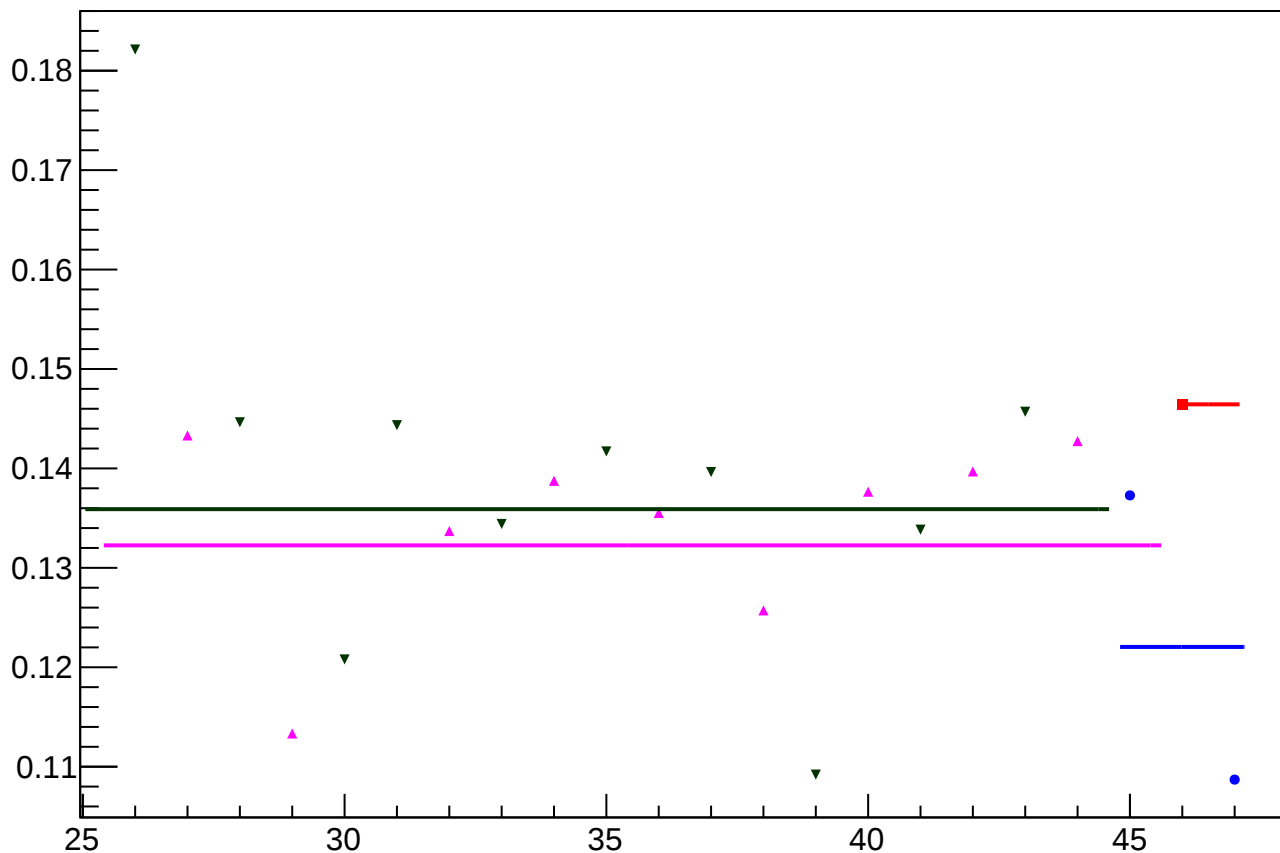
69.551+/-0.000

69.784+/-0.000

χ^2 /NDF: 333063731.3/11

χ^2 /NDF: 313723283.2/9

yield_usl_rms vs slug



Right In: 0.122 $\pm$ 0.000 χ^2 /NDF: 26848.1/1

Left Out: 0.136 $\pm$ 0.000 χ^2 /NDF: 142040.9/9

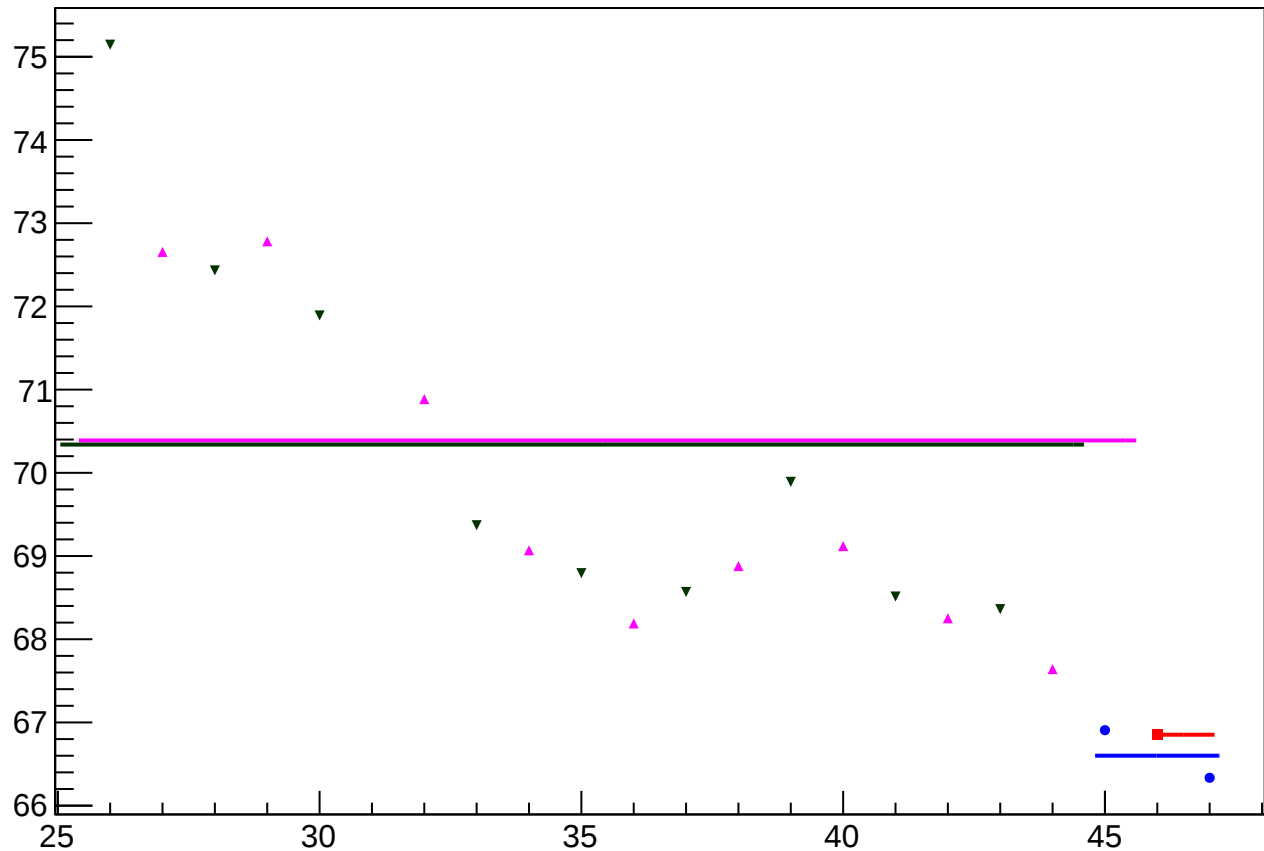
Right Out: 0.146 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.132 $\pm$ 0.000 χ^2 /NDF: 68230.8/8

0.133 $\pm$ 0.000 χ^2 /NDF: 189187.7/11

0.133 $\pm$ 0.000 χ^2 /NDF: 74731.2/9

yield_usr_mean vs slug



Right In: 66.601+/-0.000 χ^2/NDF : 14964842.7/1

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

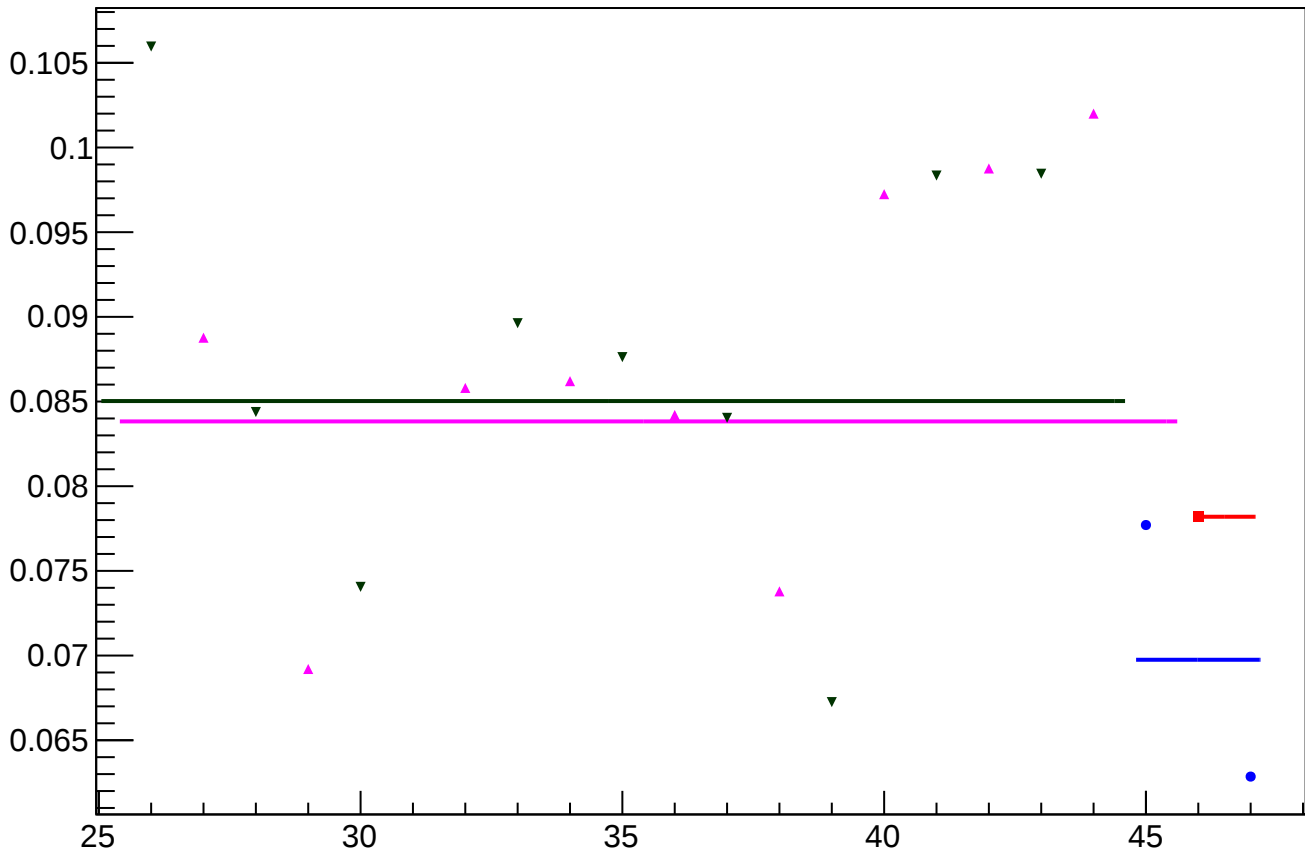
Right Out: 66.853+/-0.000 χ^2/NDF : 0.0/0

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

69.464+/-0.000 χ^2/NDF : 4341229532.4/10

70.137+/-0.000 χ^2/NDF : 3351334207.1/9

yield_usr_rms vs slug



Right In: 0.070+/-0.000 χ^2/NDF : 20183.9/1

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

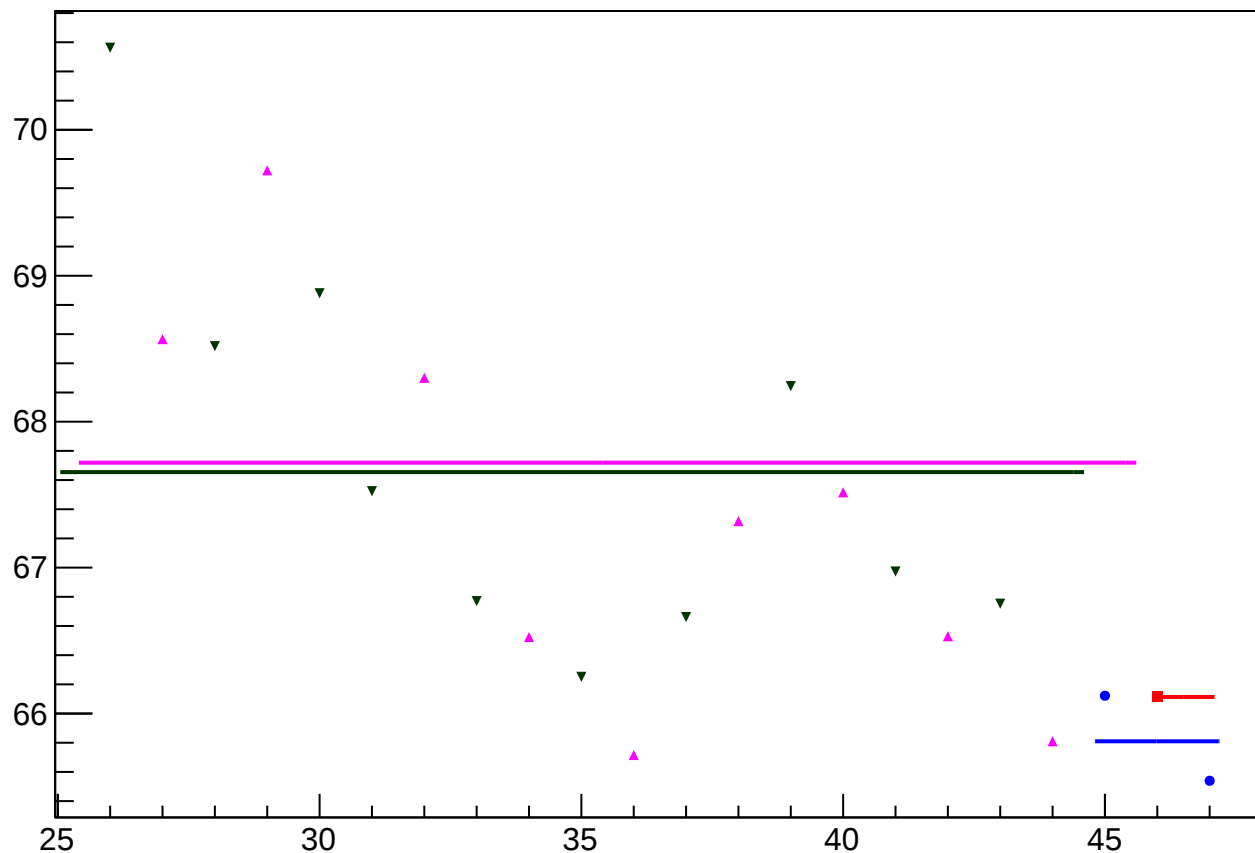
Right Out: 0.078+/-0.000 χ^2/NDF : 0.0/0

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

0.081+/-0.000 χ^2/NDF : 240421.2/10

0.083+/-0.000 χ^2/NDF : 165461.1/9

yield_dsl_mean vs slug



Right In: 65.810+/-0.000 χ^2/NDF : 5488467.0/1

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

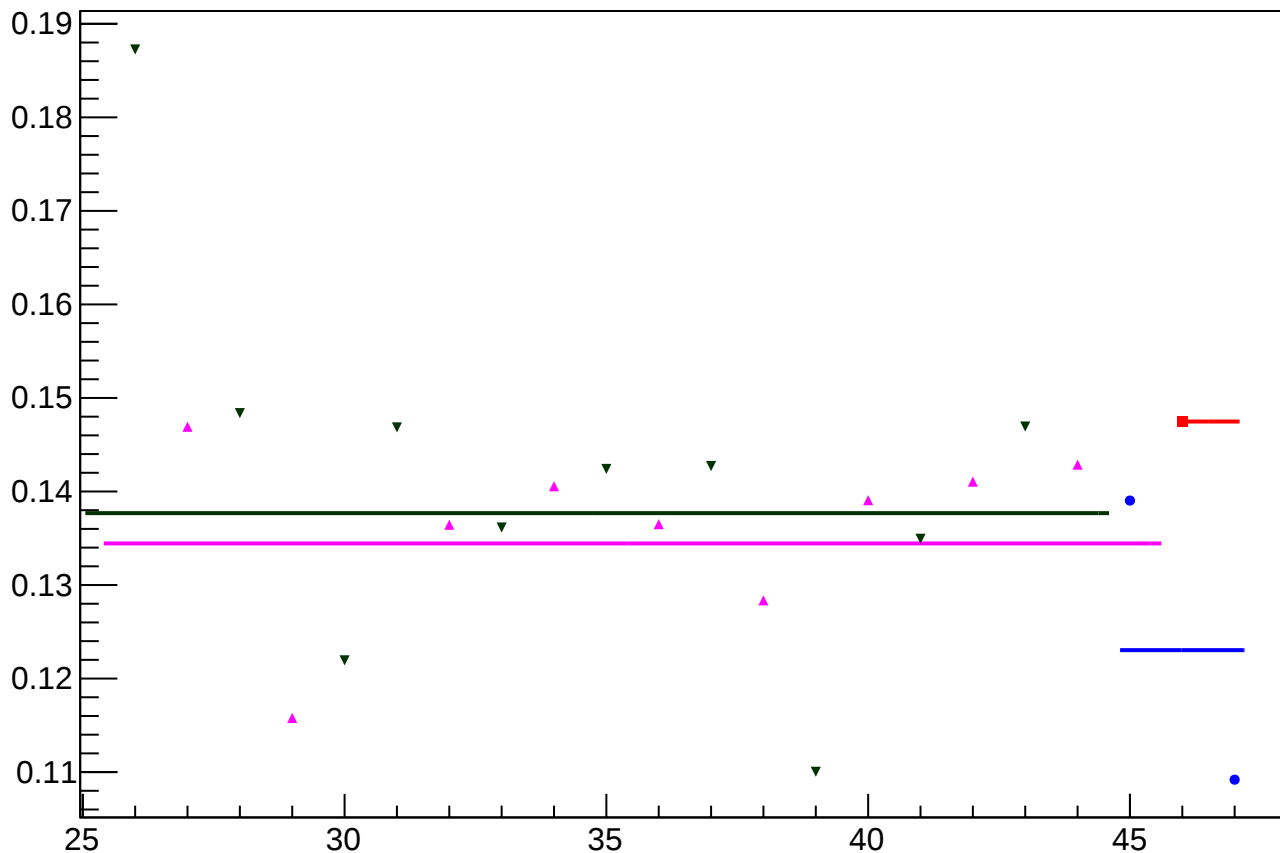
Right Out: 66.114+/-0.000 χ^2/NDF : 0.0/0

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

67.284+/-0.000 χ^2/NDF : 510726971.6/11

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

yield_dsl_rms vs slug



Right In: 0.123+/-0.000 χ^2/NDF : 28777.3/1

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

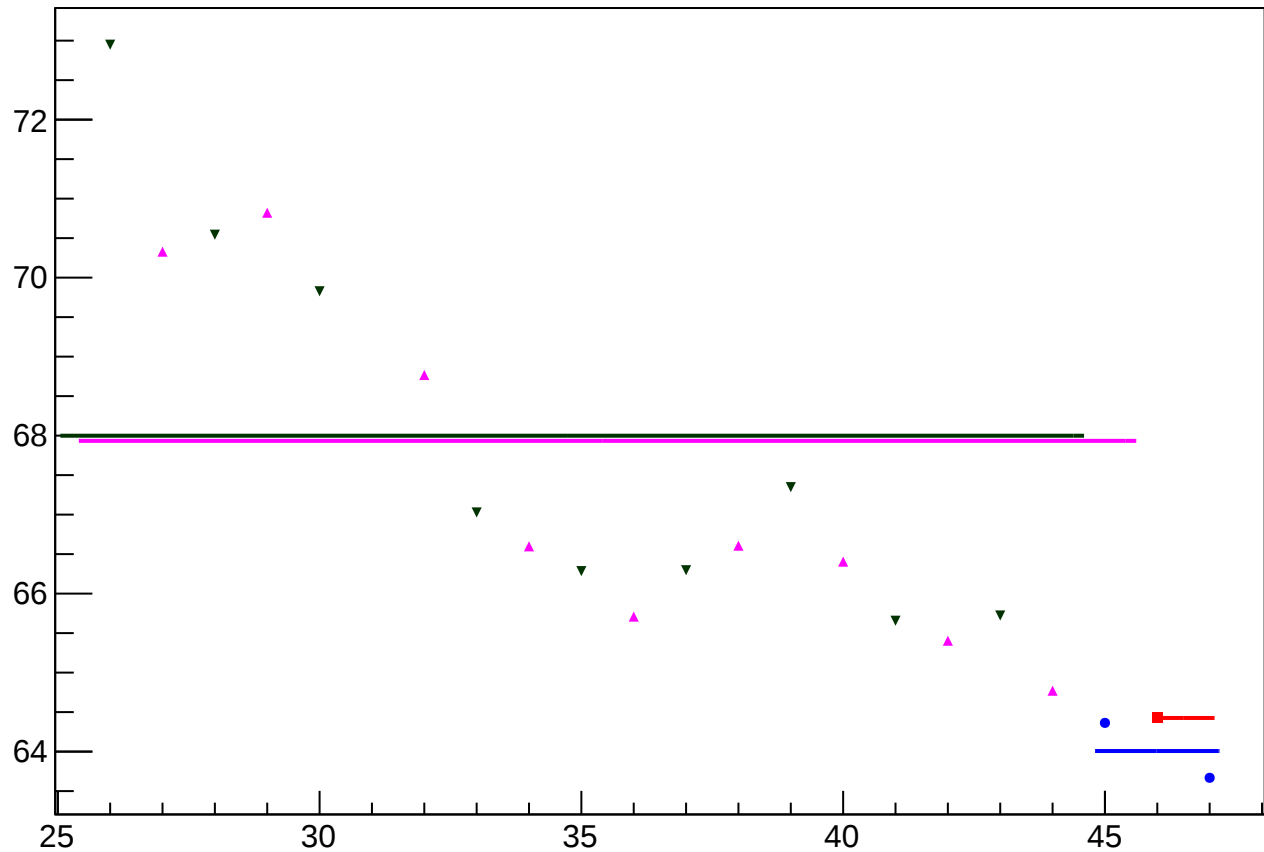
Right Out: 0.147+/-0.000 χ^2/NDF : 0.0/0

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

0.135+/-0.000 χ^2/NDF : 204550.8/11

0.135+/-0.000 χ^2/NDF : 68959.8/9

yield_dsr_mean vs slug



Right In: 64.007+/-0.000 χ^2/NDF : 22511237.4/1

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

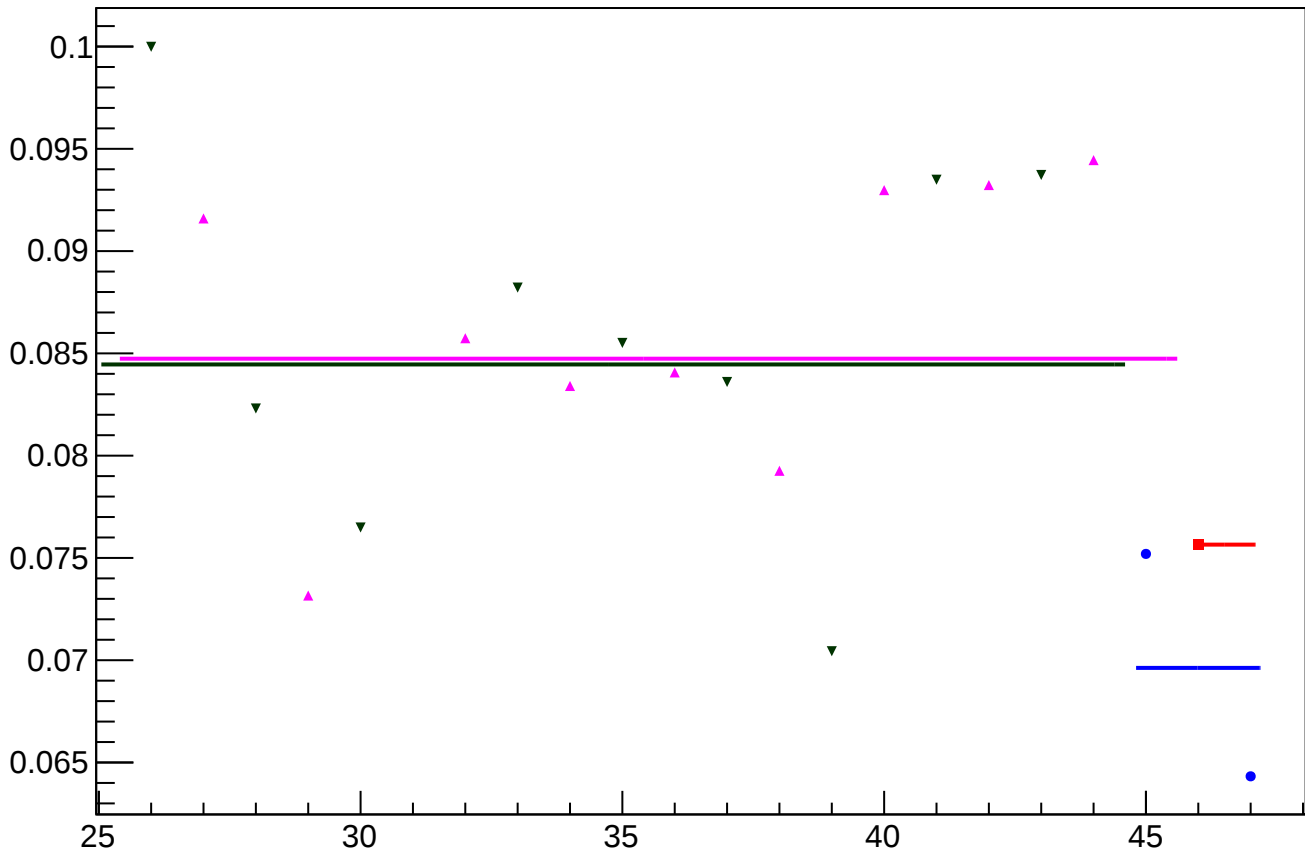
Right Out: 64.426+/-0.000 χ^2/NDF : 0.0/0

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

67.066+/-0.000 χ^2/NDF : 5387644124.6/10

67.662+/-0.000 χ^2/NDF : 4046707626.3/9

yield_dsr_rms vs slug



Right In: 0.070 $\pm$ 0.000 χ^2/NDF : 11014.0/1

Left Out: 0.084 $\pm$ 0.000 χ^2/NDF : 86764.0/8

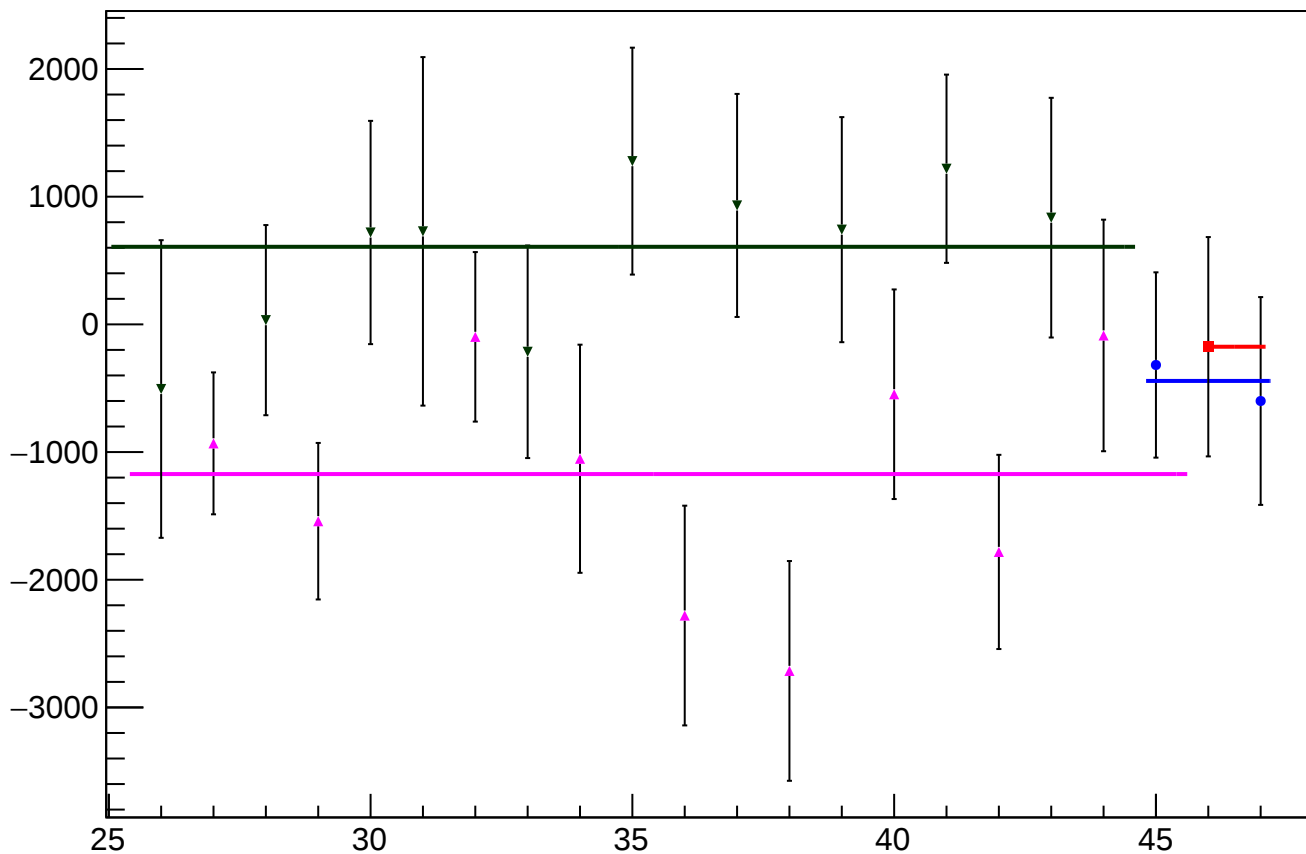
Right Out: 0.076 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.085 $\pm$ 0.000 χ^2/NDF : 76721.4/8

0.081 $\pm$ 0.000 χ^2/NDF : 160660.6/10

0.084 $\pm$ 0.000 χ^2/NDF : 85869.5/9

asym_usl_mean vs slug



Right In: -442.957+/-541.551 χ^2/NDF : 0.1/1

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

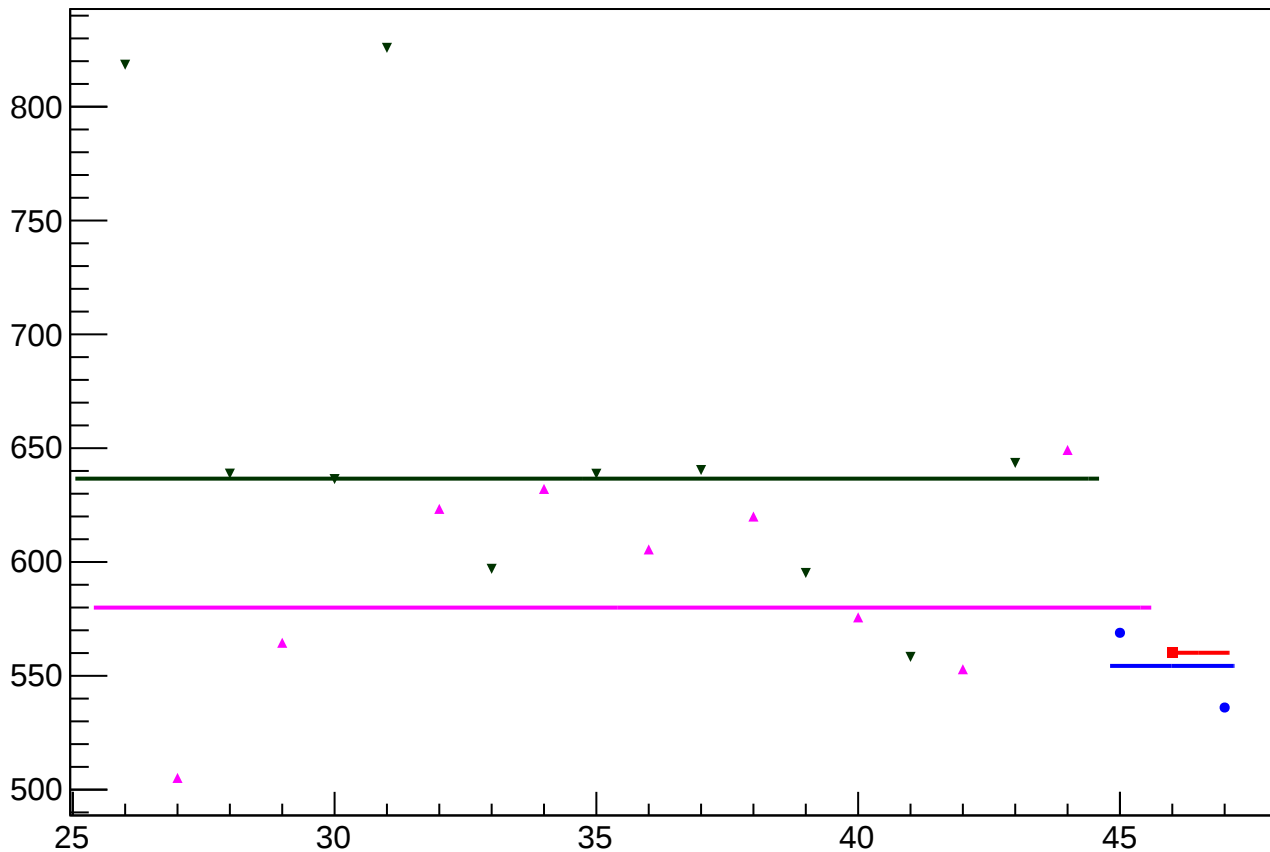
Right Out: -175.123+/-858.856 χ^2/NDF : 0.0/0

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

384.750+/-249.393 χ^2/NDF : 7.0/11

-1096.828+/-236.302 χ^2/NDF : 12.0/9

asym_usl_rms vs slug



Right In: 554.360 ± 0.383 χ^2/NDF : 1813.1/1

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

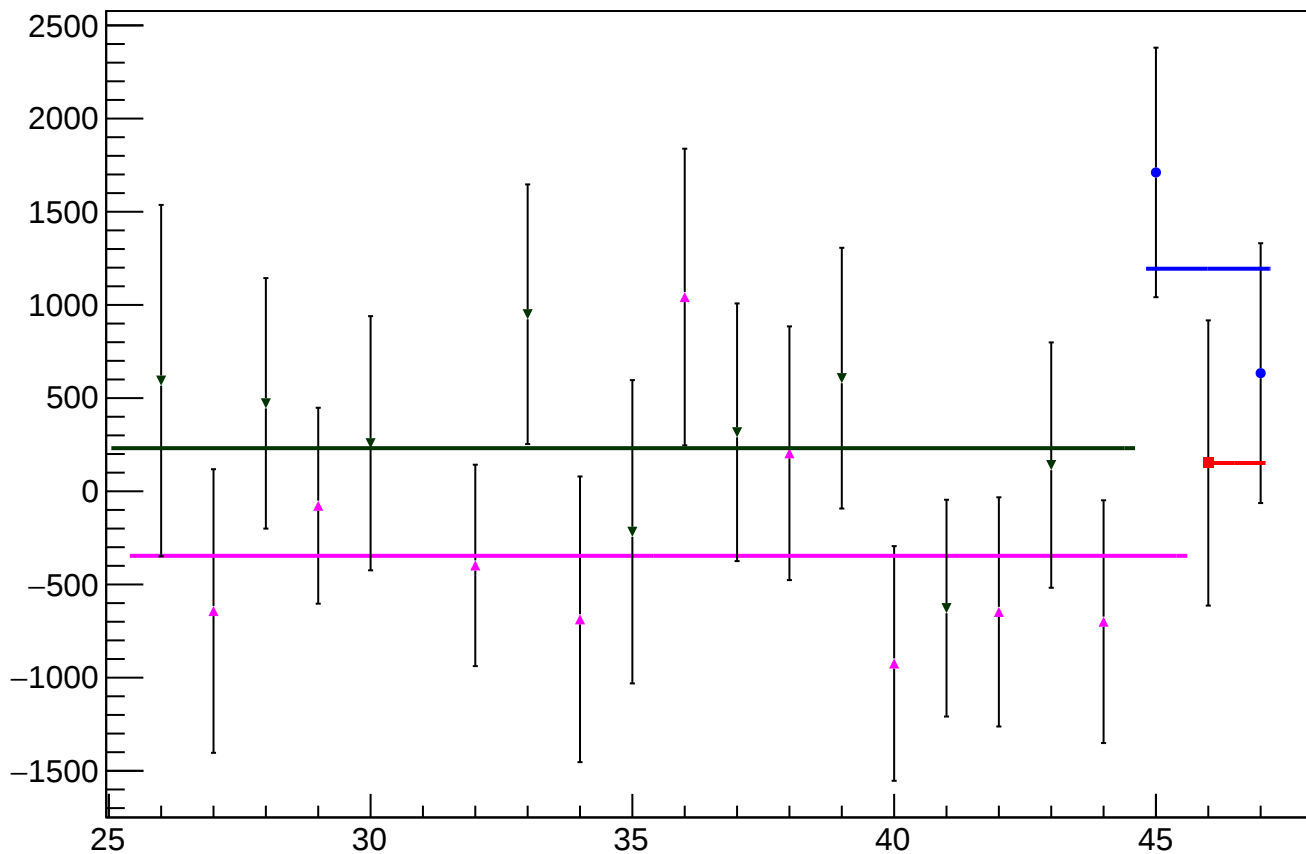
Right Out: 560.131 ± 0.607 χ^2/NDF : 0.0/0

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

619.174 ± 0.176 χ^2/NDF : 156993.5/11

578.469 ± 0.167 χ^2/NDF : 74193.0/9

asym_usr_mean vs slug



Right In: 1194.328+/-482.879 χ^2/NDF : 1.2/1

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

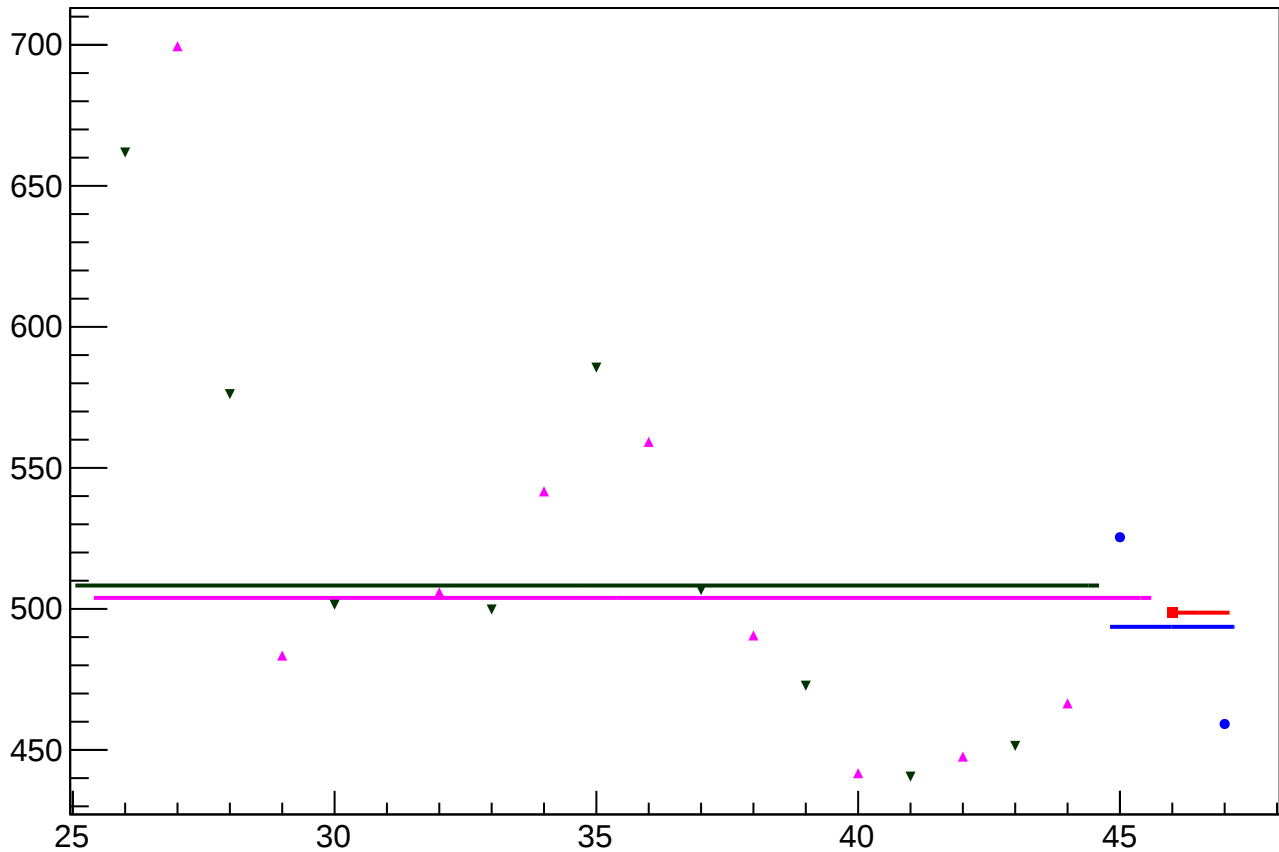
Right Out: 151.896+/-765.269 χ^2/NDF : 0.0/0

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

412.952+/-209.667 χ^2/NDF : 8.6/10

-309.965+/-206.538 χ^2/NDF : 6.1/9

asym_usr_rms vs slug



Right In: 493.647+/-0.341 χ^2/NDF : 9386.5/1

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

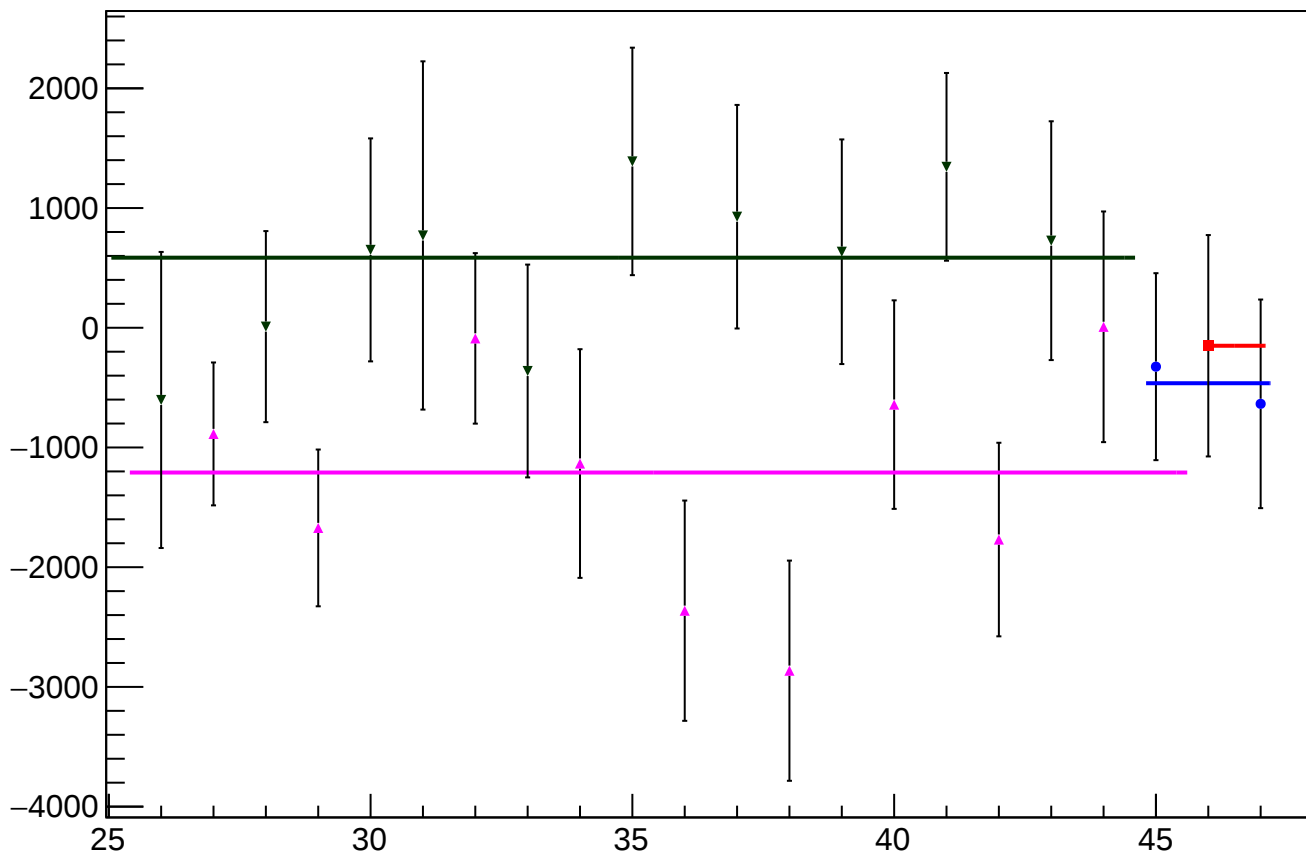
505.531+/-0.148 χ^2/NDF : 150075.0/10

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

asym_dsl_mean vs slug



Right In: -463.315+/-581.506 χ^2/NDF : 0.1/1

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

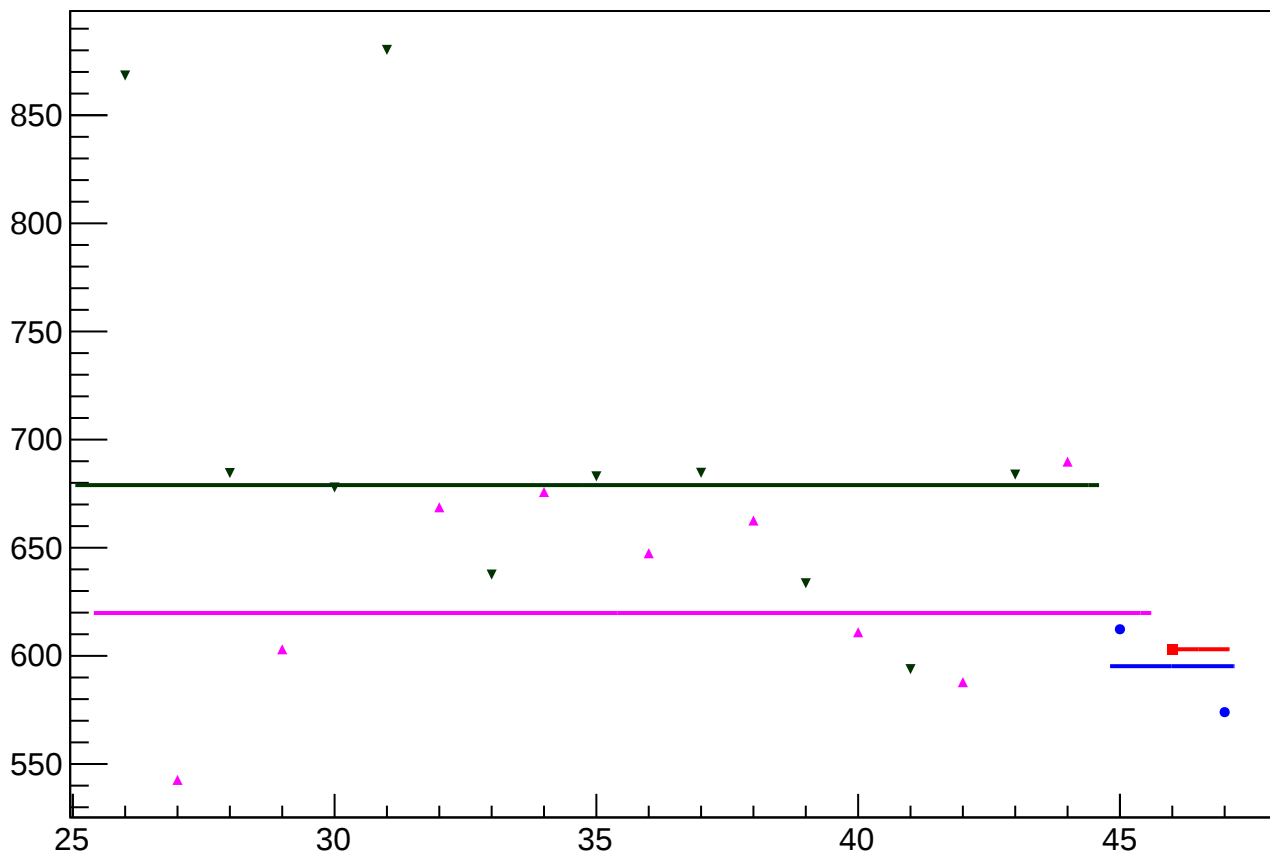
Right Out: -150.301+/-924.657 χ^2/NDF : 0.0/0

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

365.363+/-266.361 χ^2/NDF : 7.1/11

-1130.187+/-252.646 χ^2/NDF : 11.8/9

asym_dsl_rms vs slug



Right In: 595.234 $\pm$ 0.411 χ^2 /NDF: 2146.5/1

Left Out: 678.962 $\pm$ 0.212 χ^2 /NDF:118027.5/9

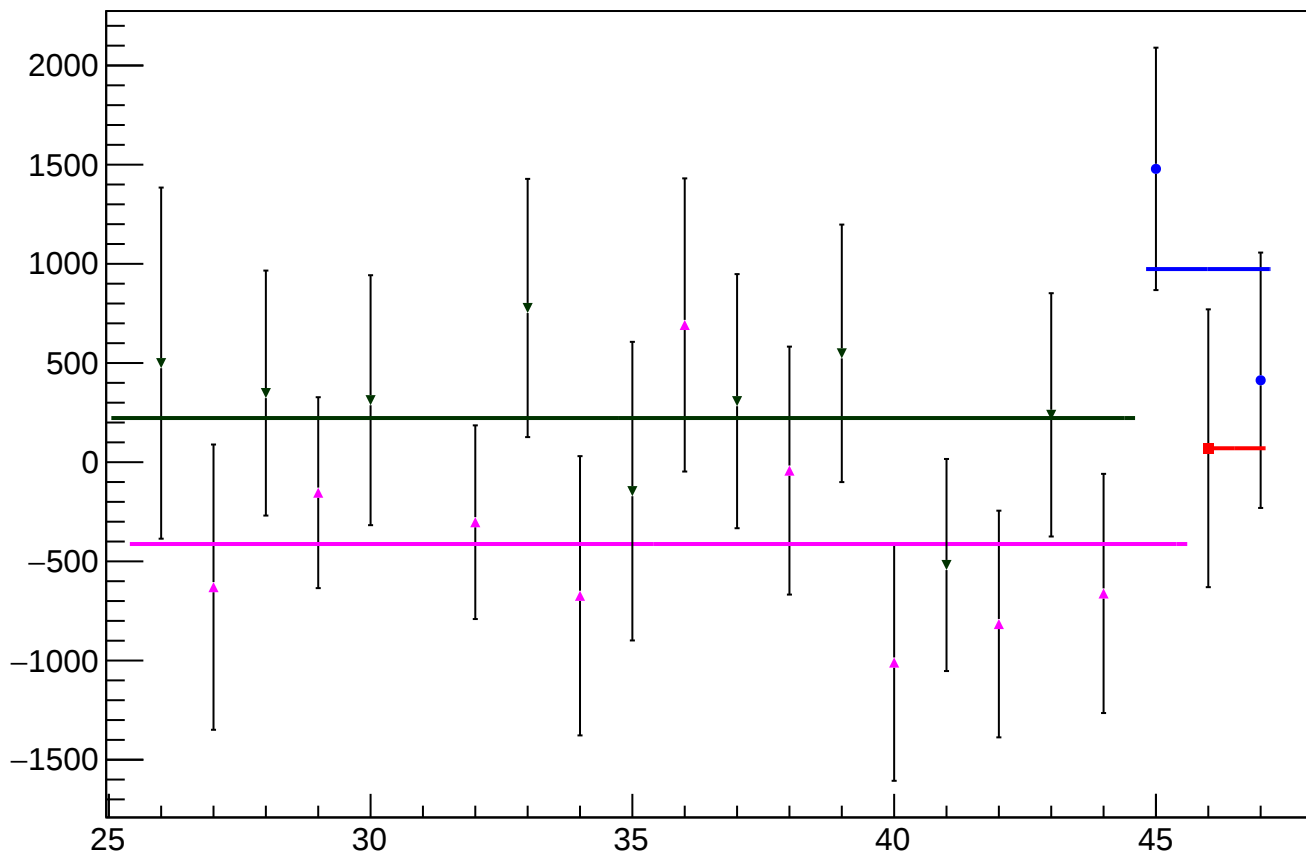
Right Out: 603.060 $\pm$ 0.654 χ^2 /NDF: 0.0/0

Left In: 619.820 $\pm$ 0.186 χ^2 /NDF:71061.2/8

661.395 $\pm$ 0.188 χ^2 /NDF: 152937.7/11

618.569 $\pm$ 0.179 χ^2 /NDF: 71669.2/9

asym_dsr_mean vs slug



Right In: 973.655+/-443.189 χ^2/NDF : 1.4/1

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

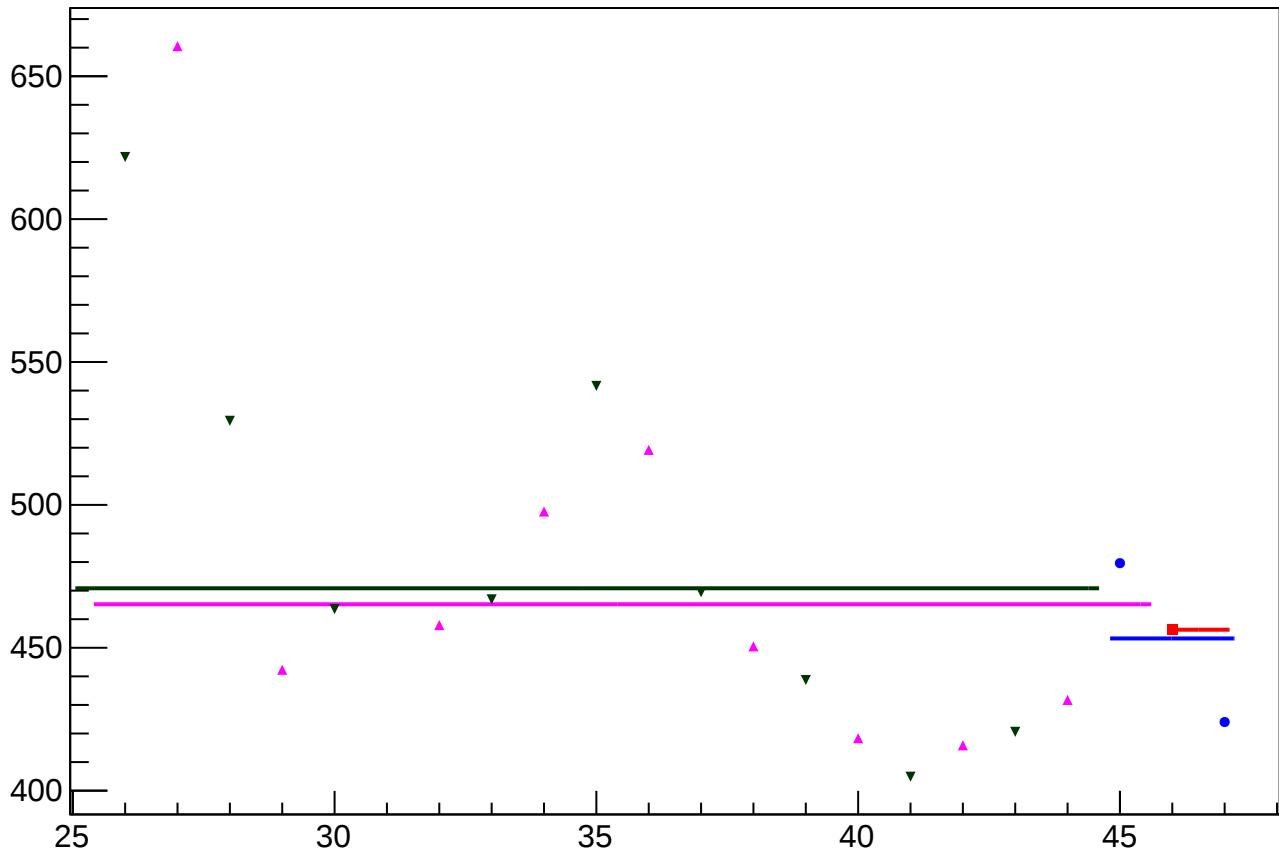
Right Out: 70.278+/-700.322 χ^2/NDF : 0.0/0

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

366.372+/-193.886 χ^2/NDF : 7.1/10

-376.732+/-190.620 χ^2/NDF : 5.3/9

asym_dsr_rms vs slug



Right In: 453.261 ± 0.313 χ^2/NDF : 7846.4/1

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

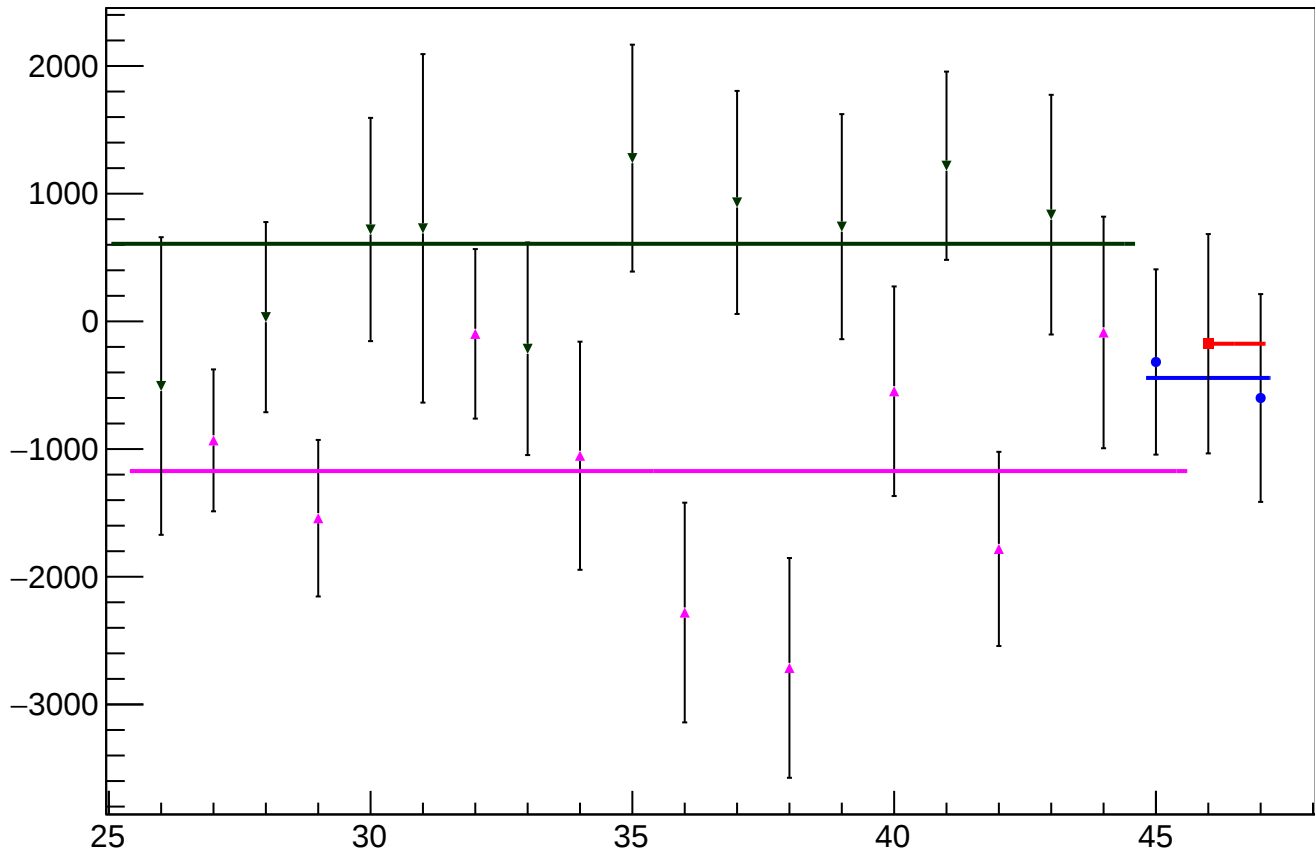
Right Out: 456.325 ± 0.495 χ^2/NDF : 0.0/0

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

467.458 ± 0.137 χ^2/NDF : 153320.1/10

464.563 ± 0.135 χ^2/NDF : 202323.2/9

cor_usl_mean vs slug



Right In: -442.957 ± 541.551 $\chi^2/\text{NDF}: 0.1/1$

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

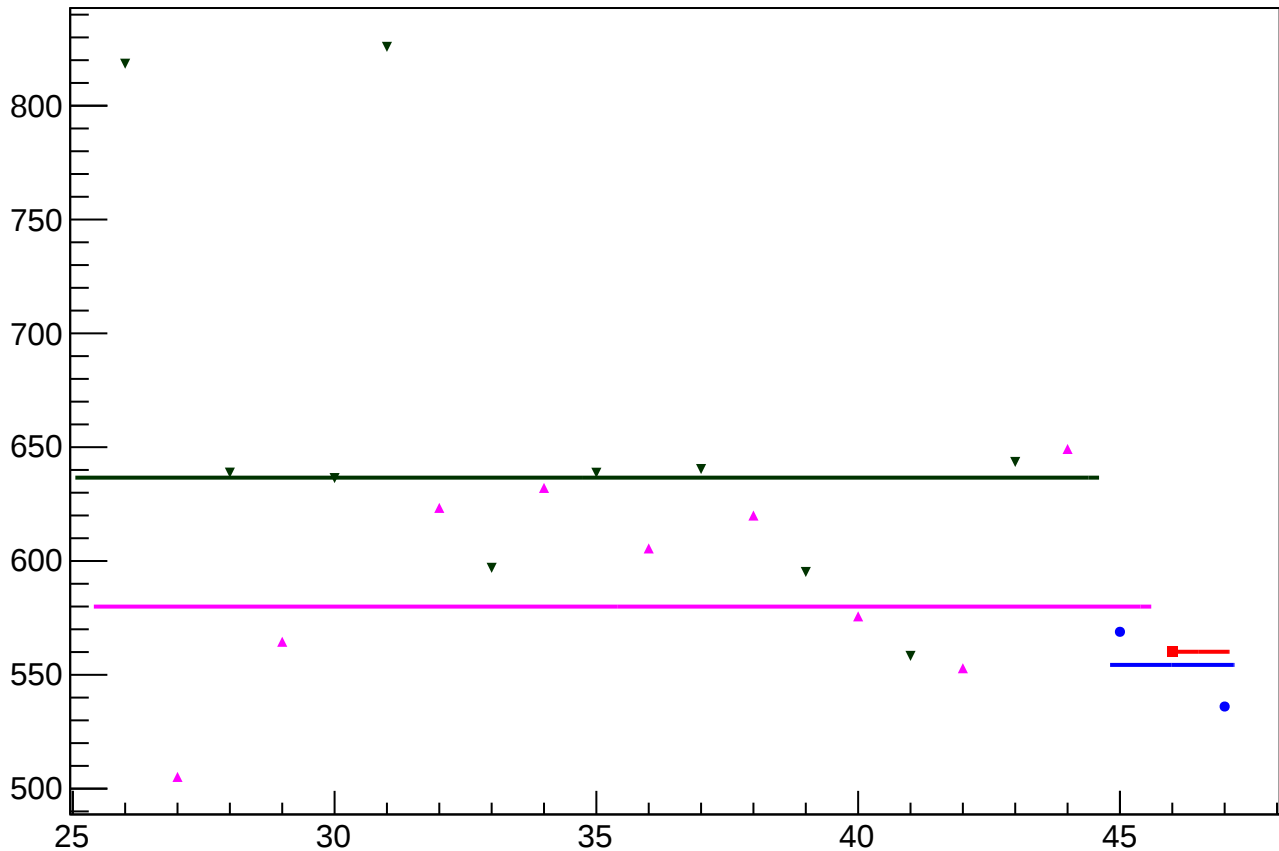
Right Out: -175.123 ± 858.856 $\chi^2/\text{NDF}: 0.0/0$

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

384.750 ± 249.393 $\chi^2/\text{NDF}: 7.0/11$

-1096.828 ± 236.302 $\chi^2/\text{NDF}: 12.0/9$

cor_usl_rms vs slug



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

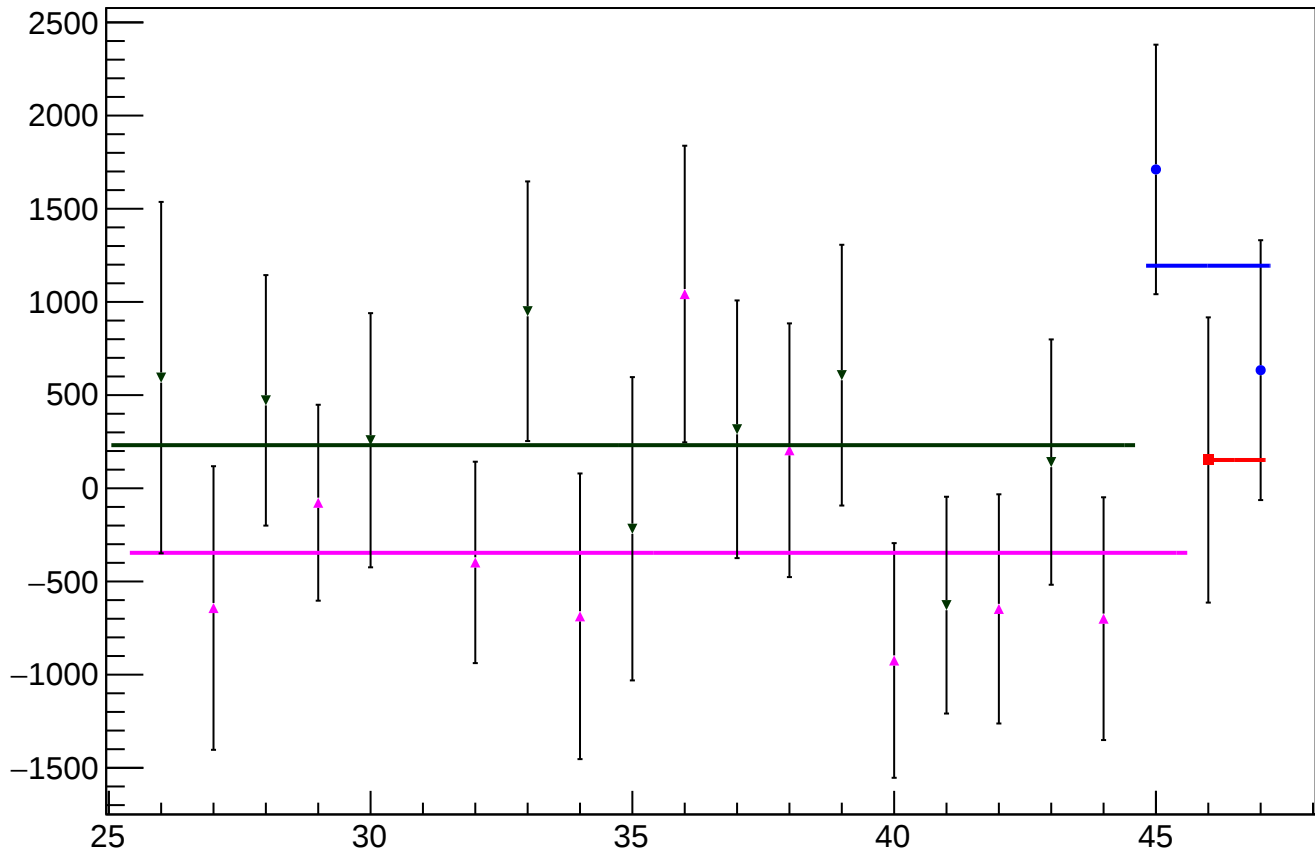
Right Out: 560.131 ± 0.607 χ^2/NDF : 0.0/0

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

619.174 ± 0.176 χ^2/NDF : 156993.5/11

578.469 ± 0.167 χ^2/NDF : 74193.0/9

cor_usr_mean vs slug



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

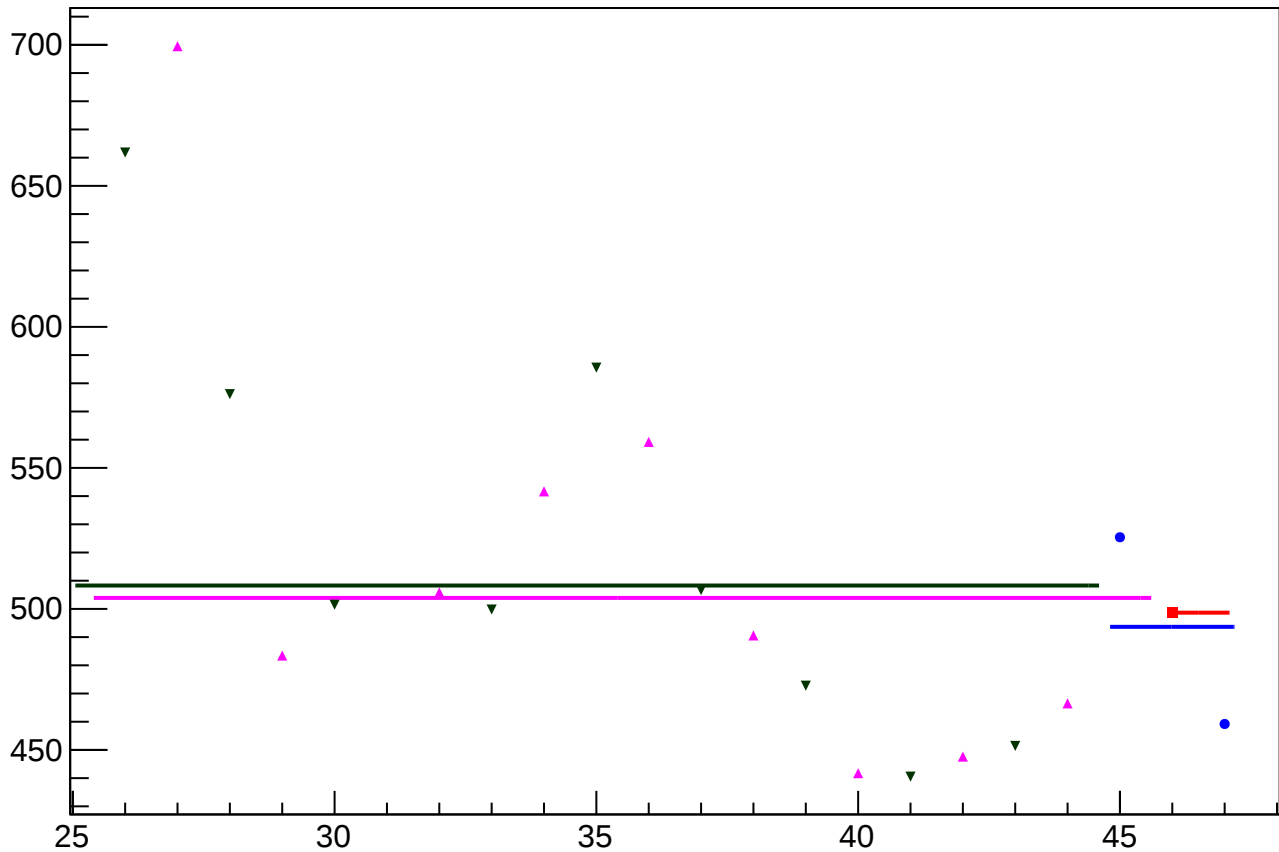
Right Out: 151.896+/-765.269 χ^2/NDF : 0.0/0

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

412.952+/-209.667 χ^2/NDF : 8.6/10

-309.965+/-206.538 χ^2/NDF : 6.1/9

cor_usr_rms vs slug



Right In: 493.647 $\pm$ 0.341 χ^2 /NDF: 9386.5/1

505.531 $\pm$ 0.148 χ^2 /NDF: 150075.0/10

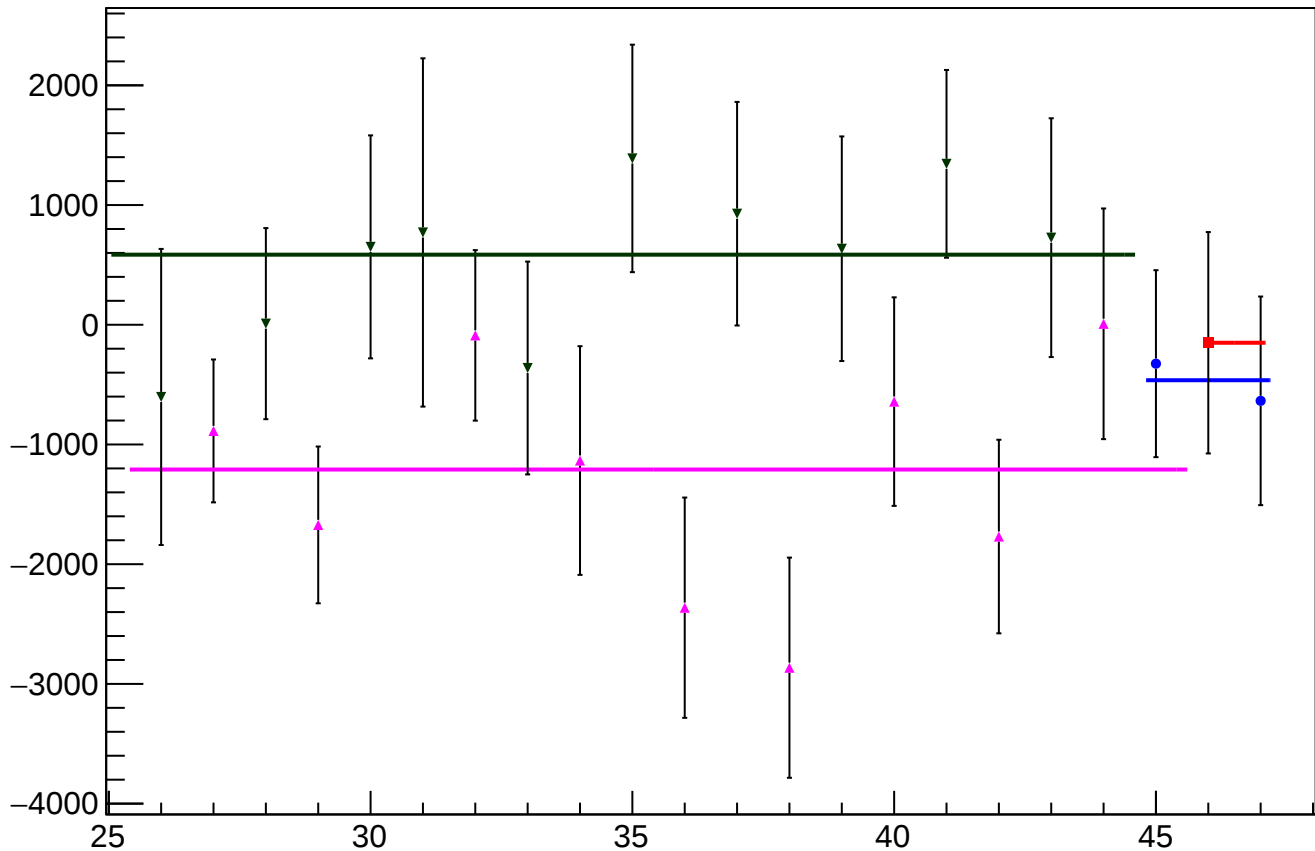
Left Out: 508.292 $\pm$ 0.165 χ^2 /NDF:139195.8/8

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

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

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

cor_dsl_mean vs slug



Right In: -463.315 $\pm$ 581.506 χ^2/NDF : 0.1/1

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

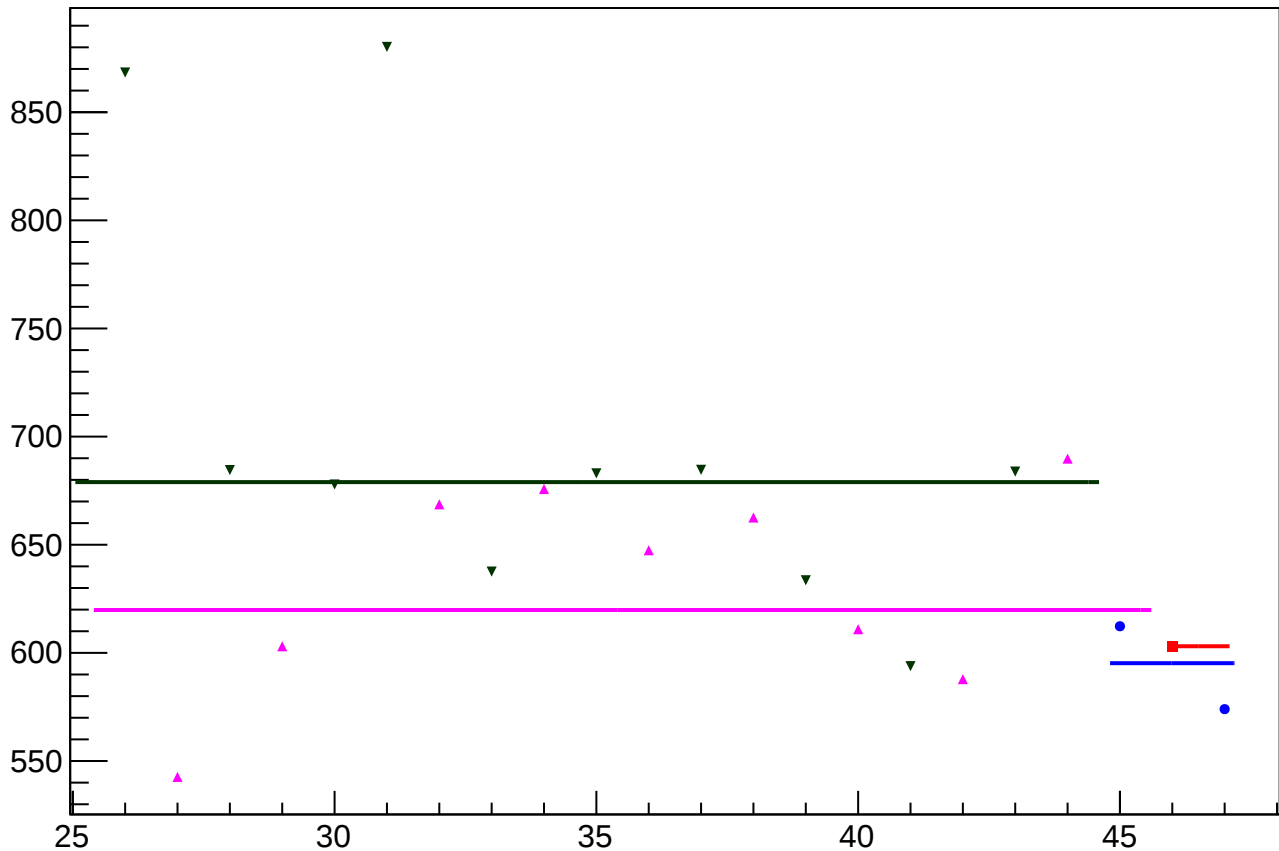
Right Out: -150.301 $\pm$ 924.657 χ^2/NDF : 0.0/0

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

365.363 $\pm$ 266.361 χ^2/NDF : 7.1/11

-1130.187 $\pm$ 252.646 χ^2/NDF : 11.8/9

cor_dsl_rms vs slug



Right In: 595.234+/-0.411 χ^2/NDF : 2146.5/1

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

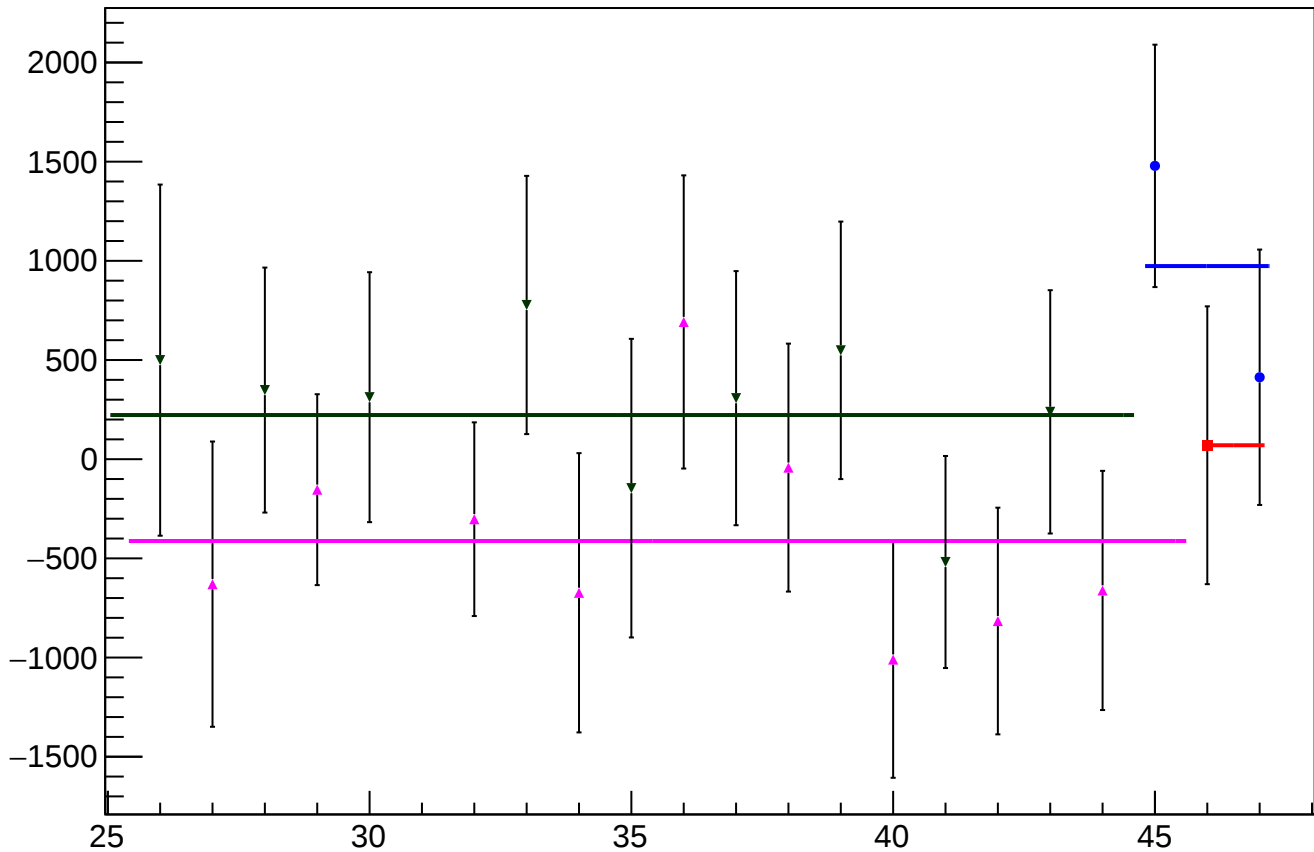
661.395+/-0.188 χ^2/NDF : 152937.7/11

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

618.569+/-0.179 χ^2/NDF : 71669.2/9

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

cor_dsr_mean vs slug



Right In: 973.655 $\pm$ 443.189 χ^2 /NDF: 1.4/1

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

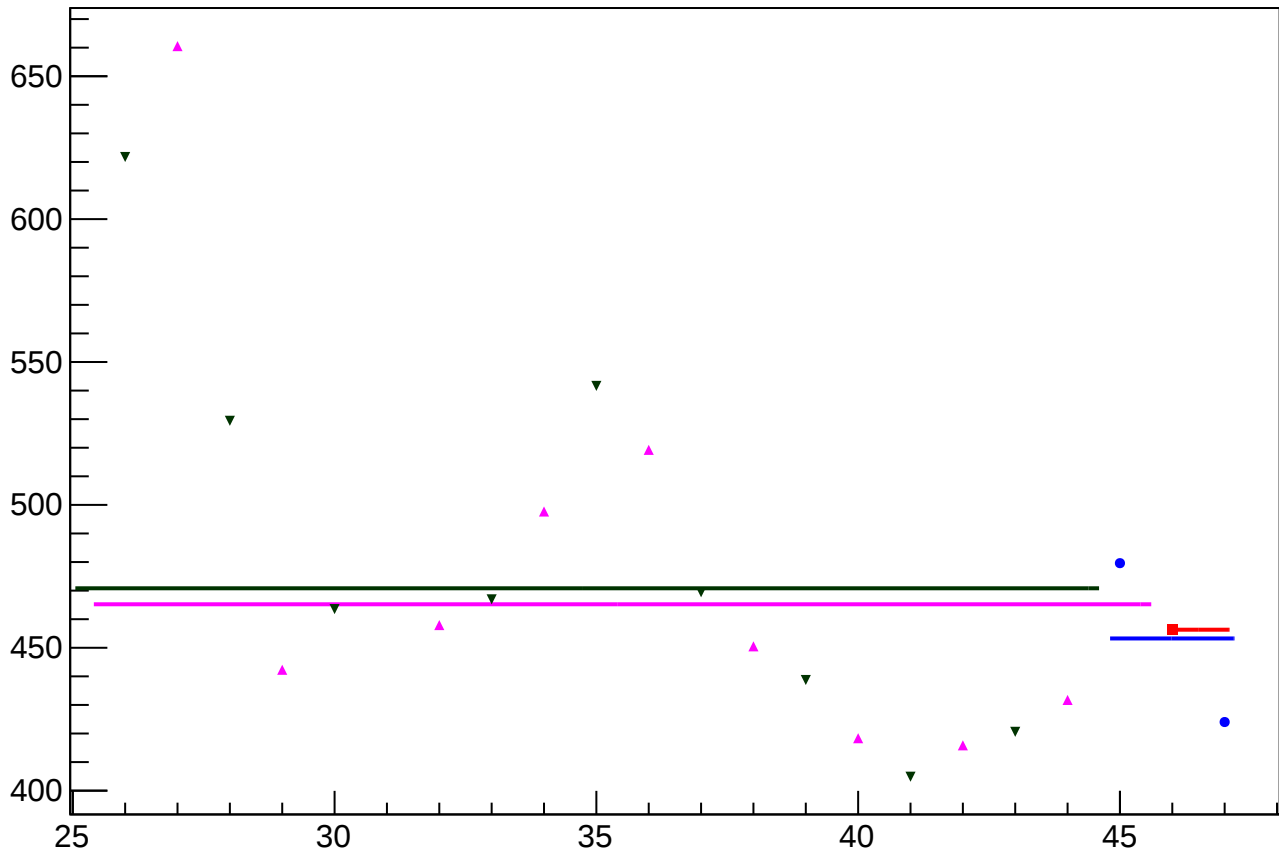
Right Out: 70.278 $\pm$ 700.322 χ^2 /NDF: 0.0/0

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

366.372 $\pm$ 193.886 χ^2 /NDF: 7.1/10

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

cor_dsr_rms vs slug



Right In: 453.261 ± 0.313 χ^2/NDF : 7846.4/1

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

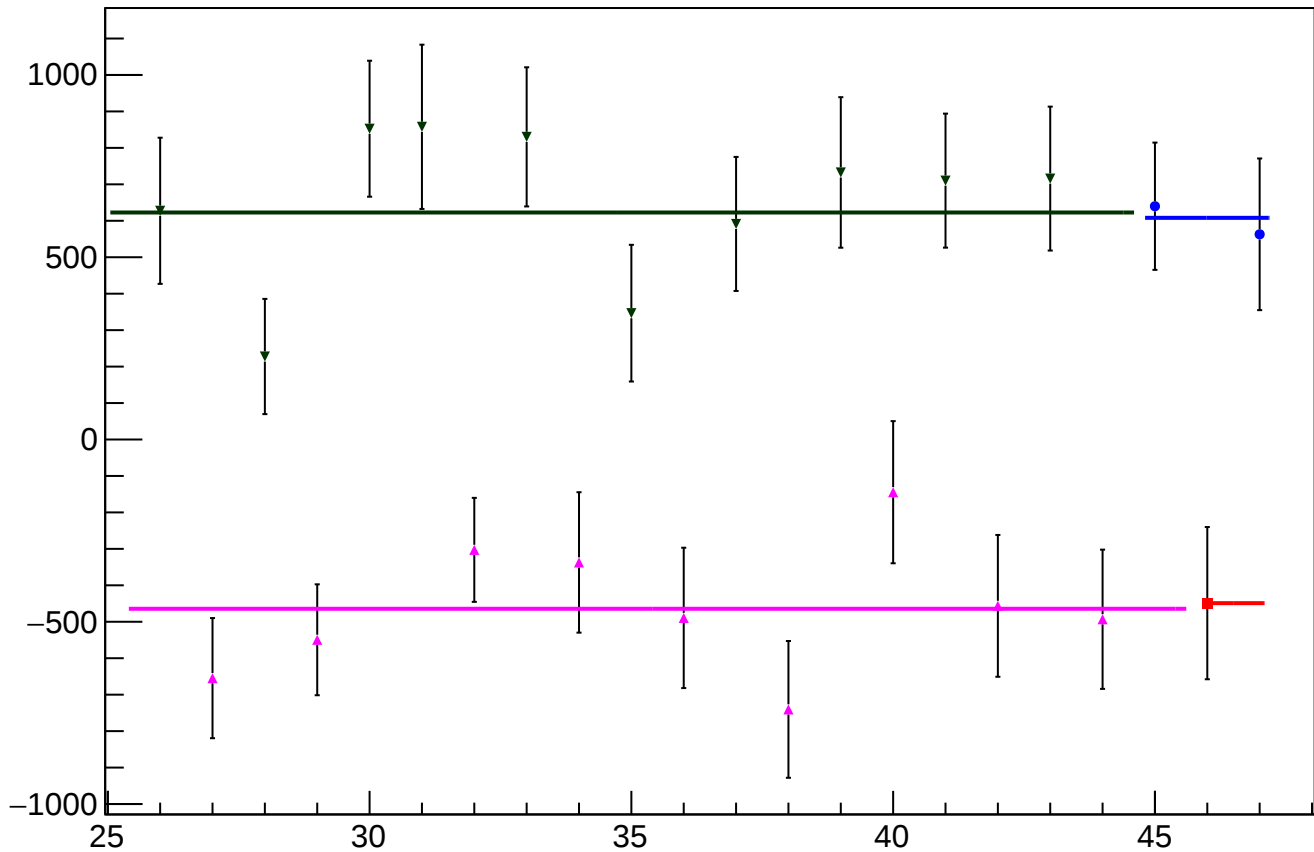
Right Out: 456.325 ± 0.495 χ^2/NDF : 0.0/0

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

467.458 ± 0.137 χ^2/NDF : 153320.1/10

464.563 ± 0.135 χ^2/NDF : 202323.2/9

reg_asym_usl_mean vs slug



Right In: 608.100 ± 133.727 χ^2/NDF : 0.1/1

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

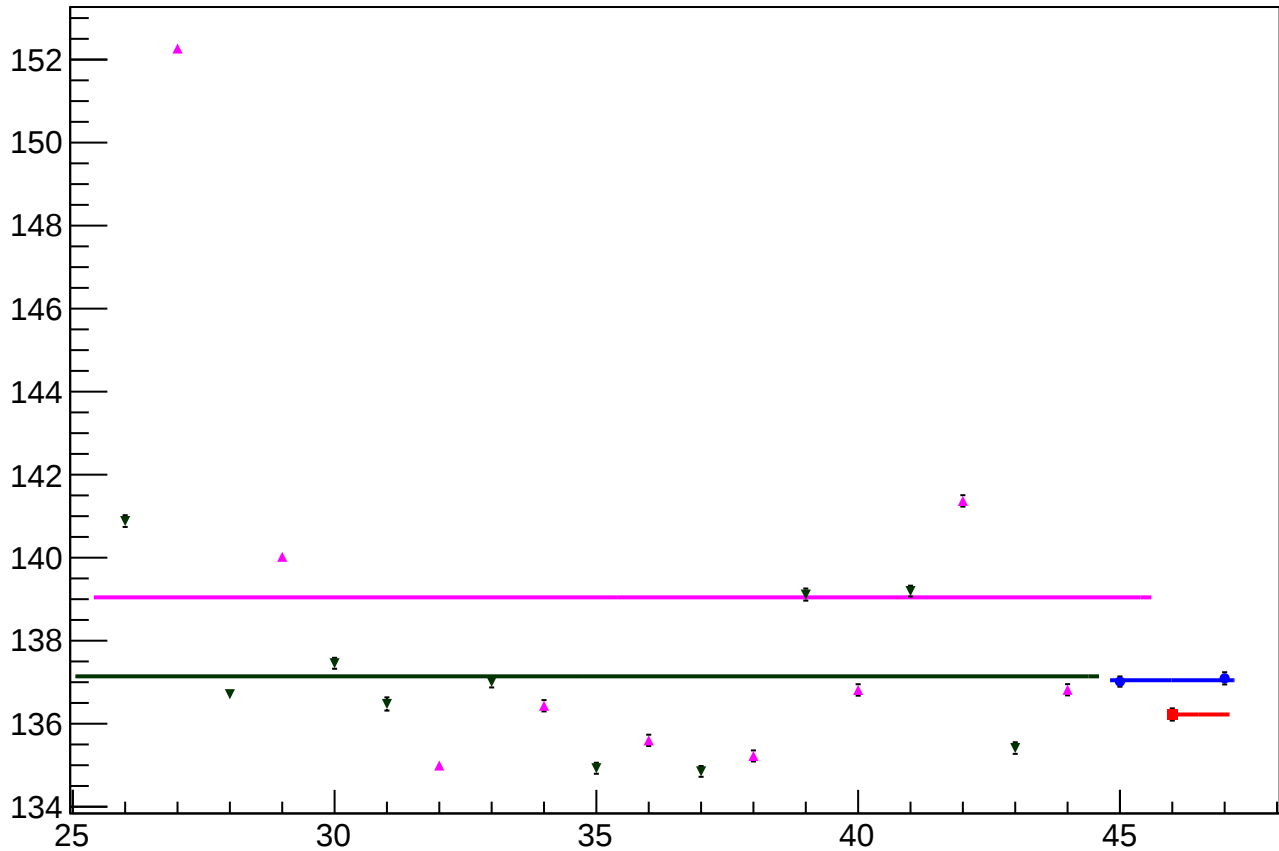
Right Out: -448.943 ± 208.771 χ^2/NDF : 0.0/0

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

620.274 ± 54.761 χ^2/NDF : 13.1/11

-463.223 ± 56.378 χ^2/NDF : 8.3/9

reg_asym_usl_rms vs slug



Right In: 137.047+/-0.095 χ^2/NDF : 0.2/1

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

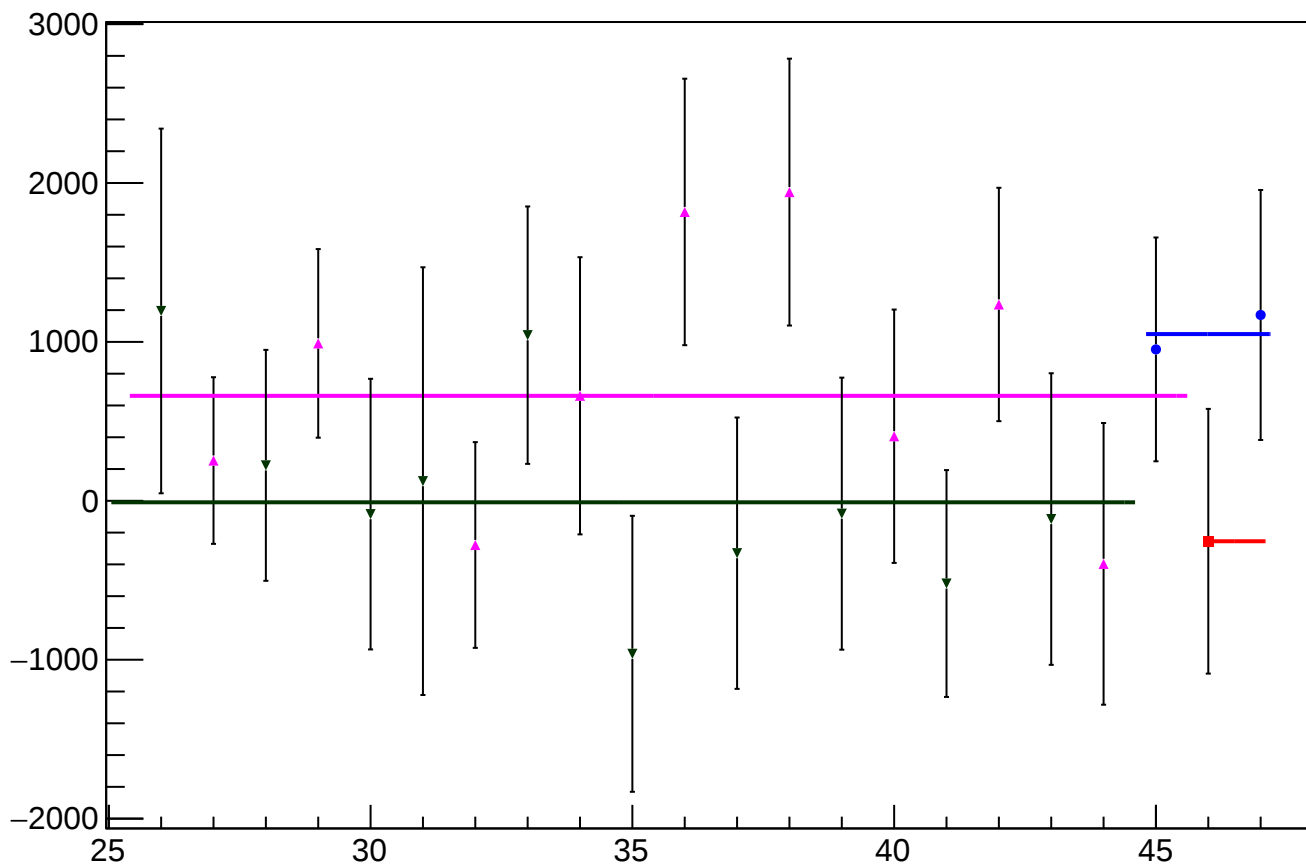
Right Out: 136.222+/-0.148 χ^2/NDF : 0.0/0

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

137.126+/-0.039 χ^2/NDF : 1910.5/11

138.838+/-0.040 χ^2/NDF : 17571.2/9

asym_usl_correction_mean vs slug



Right In: 1049.251+/-524.630 χ^2 /NDF: 0.0/1

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

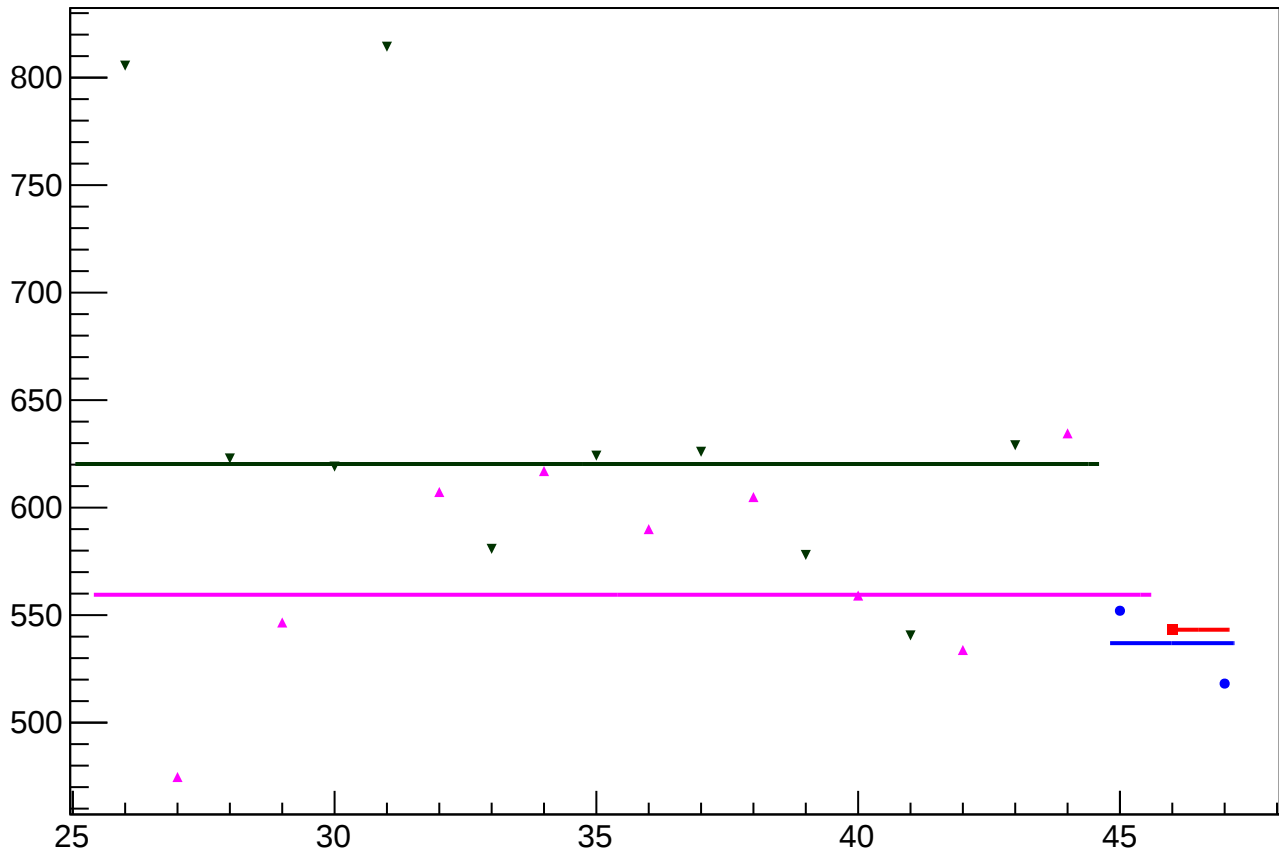
Right Out: -254.435+/-832.970 χ^2 /NDF: 0.0/0

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

217.459+/-242.849 χ^2 /NDF: 8.0/11

591.813+/-228.450 χ^2 /NDF: 10.5/9

asym_usl_correction_rms vs slug



Right In: 536.964 $\pm$ 0.371 χ^2 /NDF: 2060.4/1

Left Out: 620.292 $\pm$ 0.194 χ^2 /NDF:128669.8/9

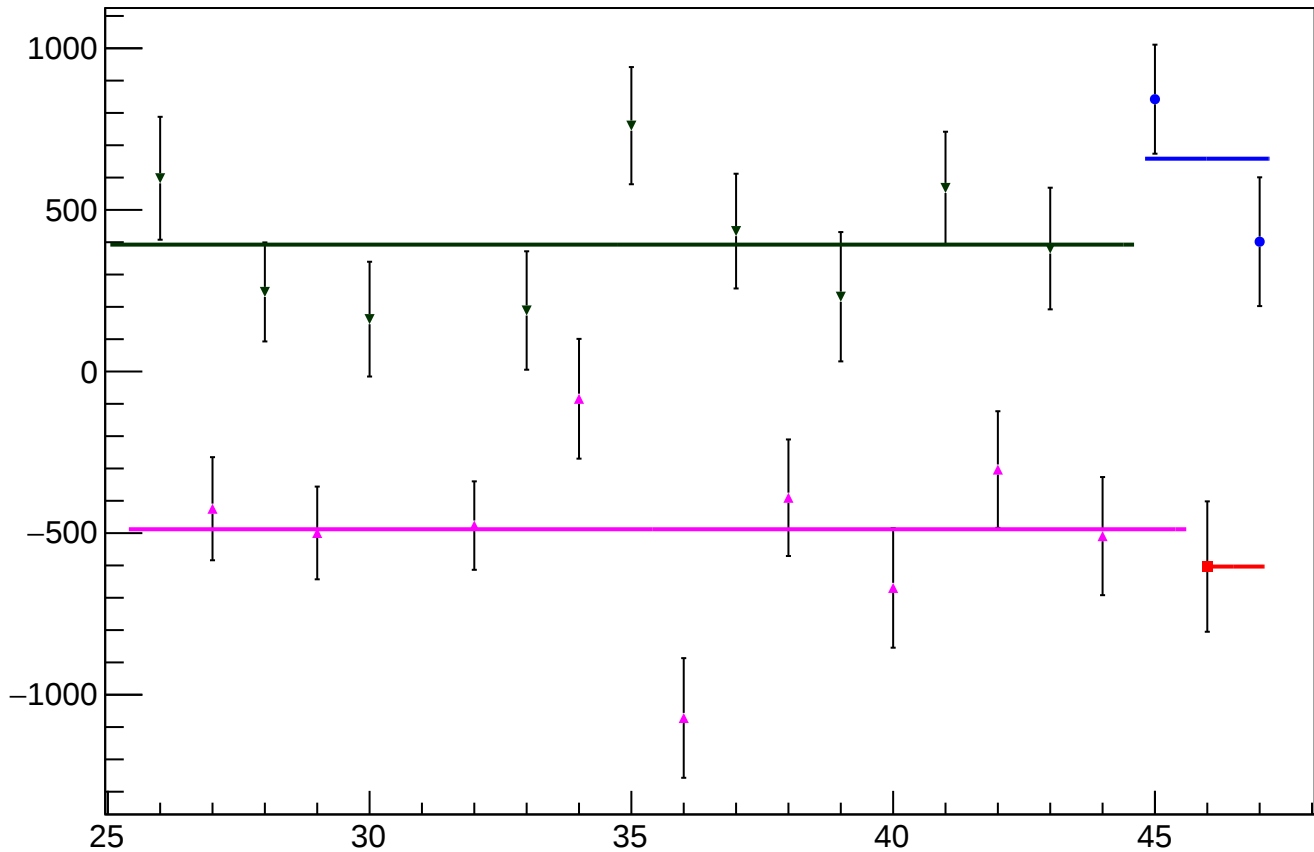
602.437 $\pm$ 0.172 χ^2 /NDF: 170374.3/11

Right Out: 543.210 $\pm$ 0.589 χ^2 /NDF: 0.0/0

558.254 $\pm$ 0.162 χ^2 /NDF: 98840.6/9

Left In: 559.478 $\pm$ 0.168 χ^2 /NDF:98135.2/8

reg_asym_usr_mean vs slug



Right In: 658.434 $\pm$ 128.721 χ^2/NDF : 2.9/1

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

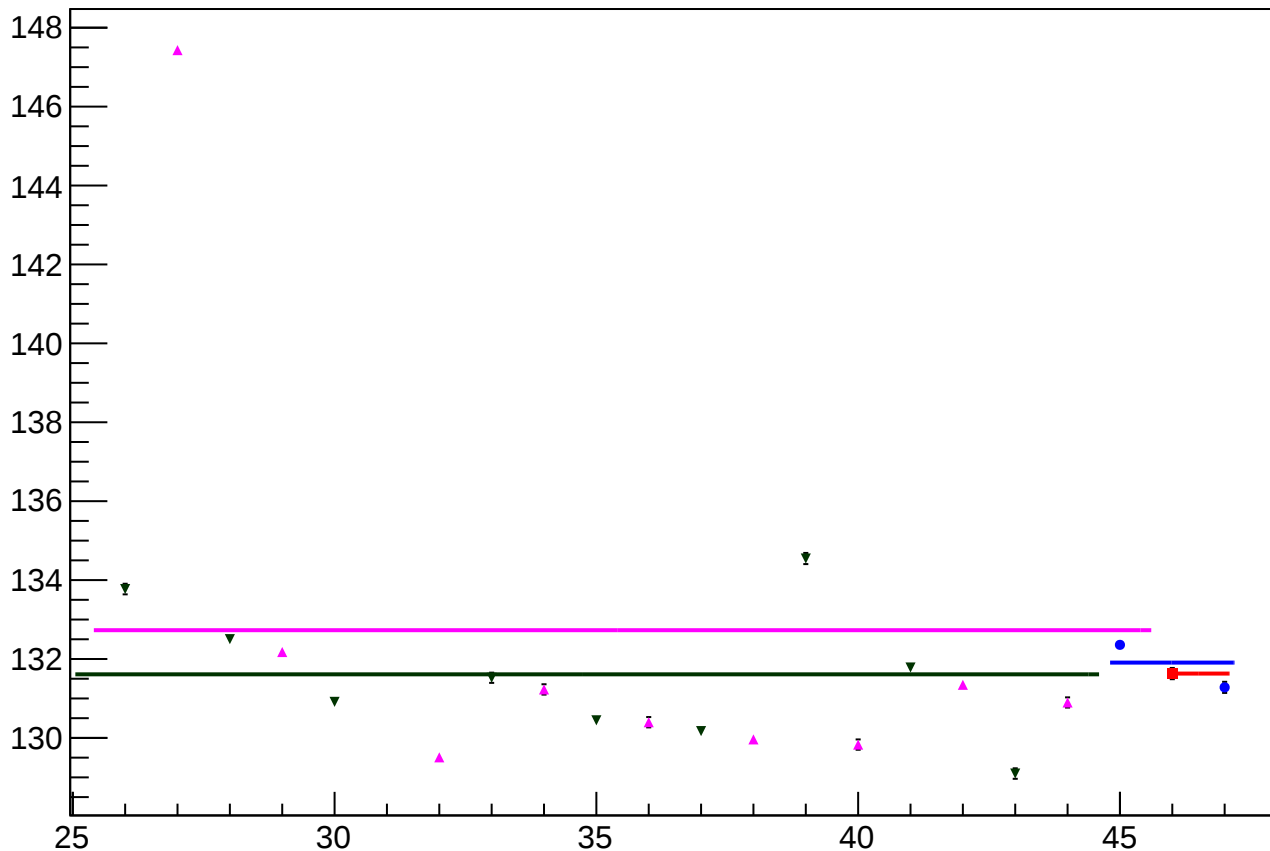
Right Out: -603.446 $\pm$ 201.730 χ^2/NDF : 0.0/0

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

439.677 $\pm$ 54.185 χ^2/NDF : 17.2/10

-496.217 $\pm$ 53.851 χ^2/NDF : 17.5/9

reg_asym_usr_rms vs slug



Right In: 131.909 ± 0.091 χ^2/NDF : 34.1/1

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

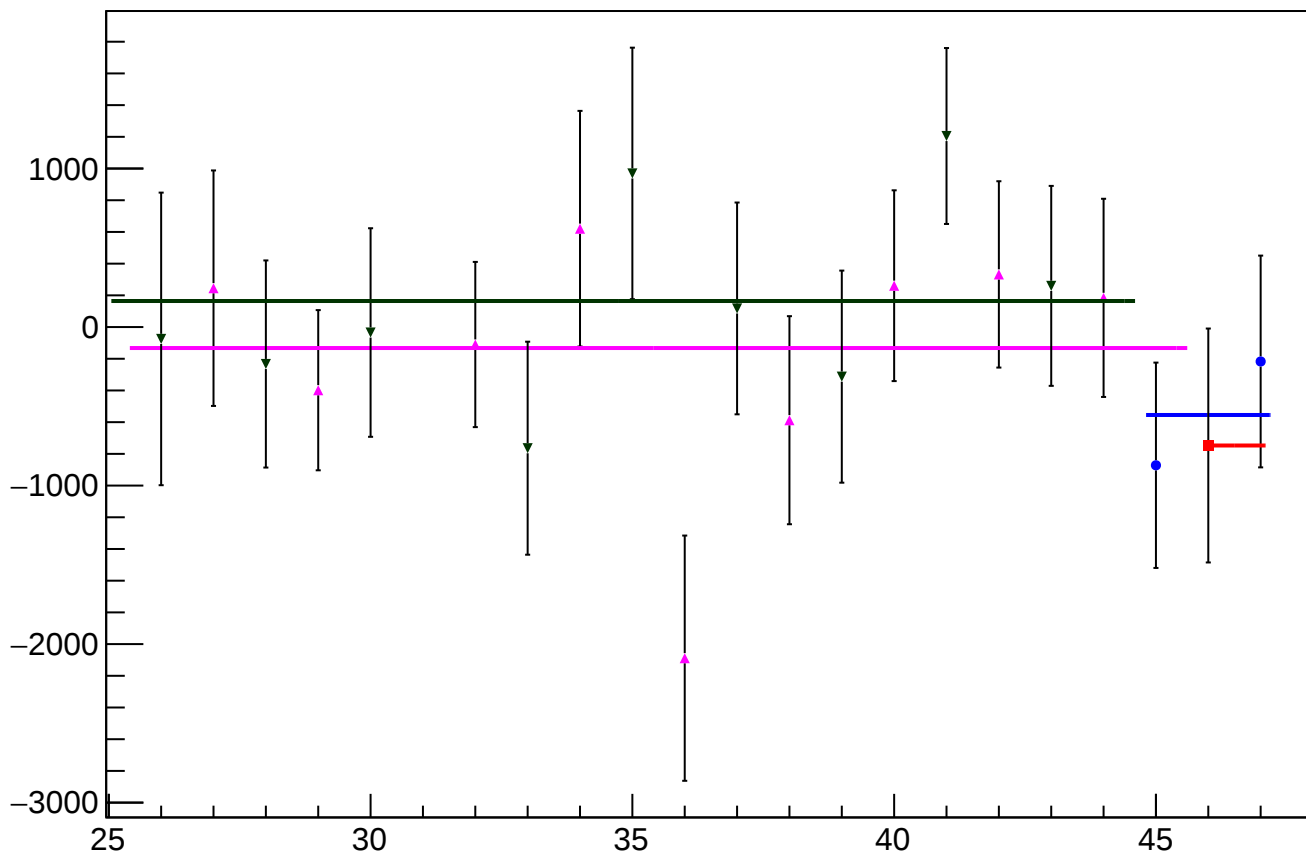
Right Out: 131.631 ± 0.143 χ^2/NDF : 0.0/0

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

131.664 ± 0.038 χ^2/NDF : 1404.3/10

132.652 ± 0.038 χ^2/NDF : 19915.6/9

asym_usr_correction_mean vs slug



Right In: -554.678+/-464.987 χ^2/NDF : 0.5/1

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

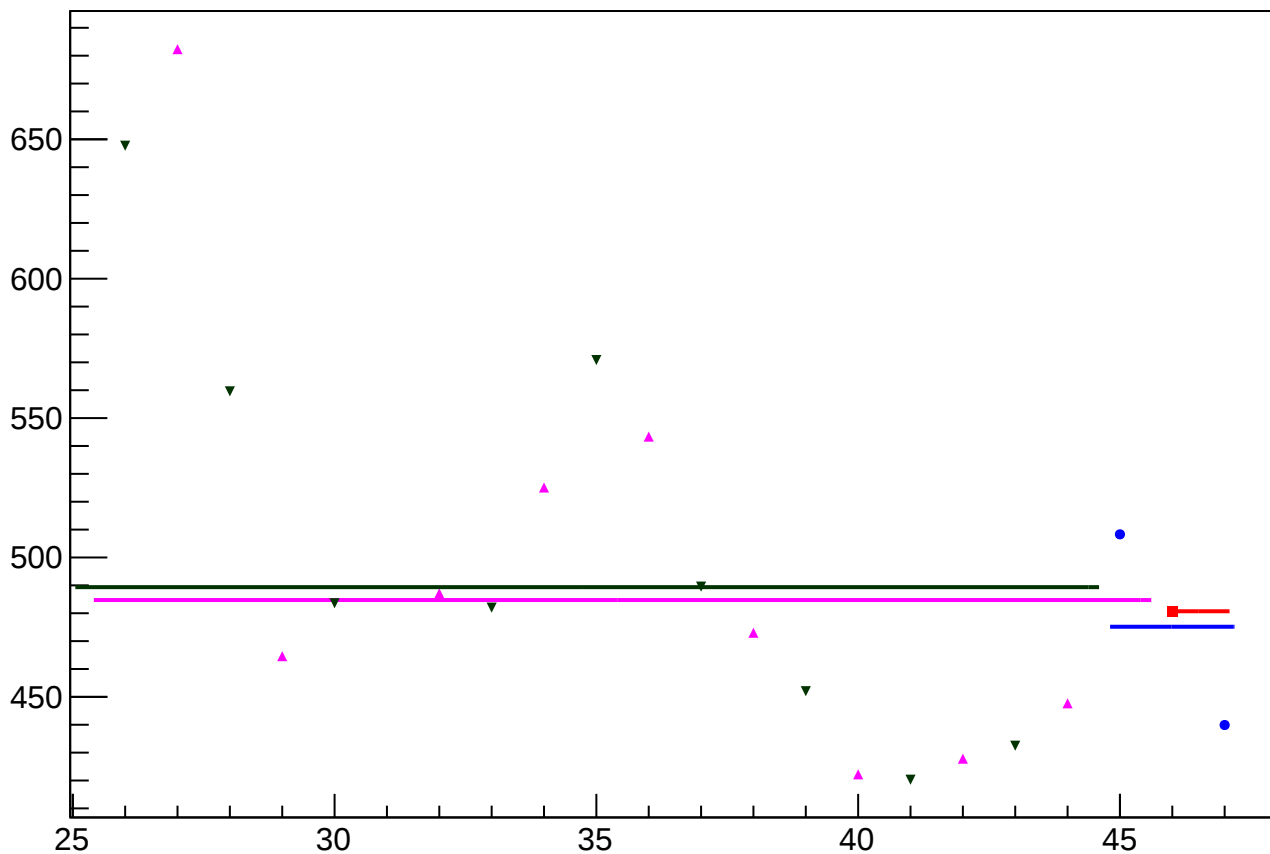
Right Out: -747.206+/-737.864 χ^2/NDF : 0.0/0

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

28.542+/-202.055 χ^2/NDF : 10.0/10

-177.011+/-198.941 χ^2/NDF : 10.4/9

asym_usr_correction_rms vs slug



Right In: 475.157+/-0.329 χ^2/NDF : 10808.9/1

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

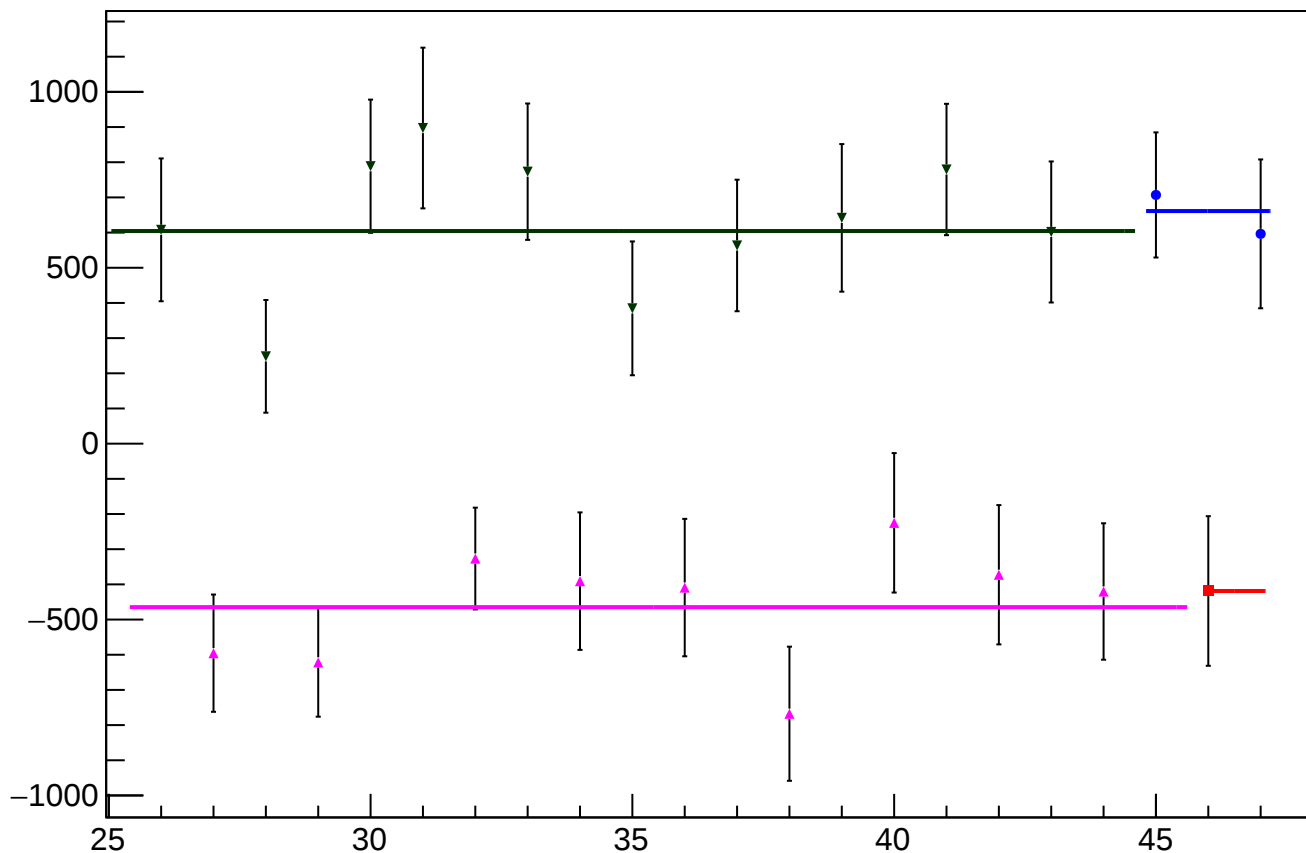
Right Out: 480.706+/-0.522 χ^2/NDF : 0.0/0

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

486.679+/-0.143 χ^2/NDF : 169276.6/10

484.440+/-0.141 χ^2/NDF : 210214.6/9

reg_asym_dsl_mean vs slug



Right In: 661.188+/-136.135 χ^2/NDF : 0.2/1

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

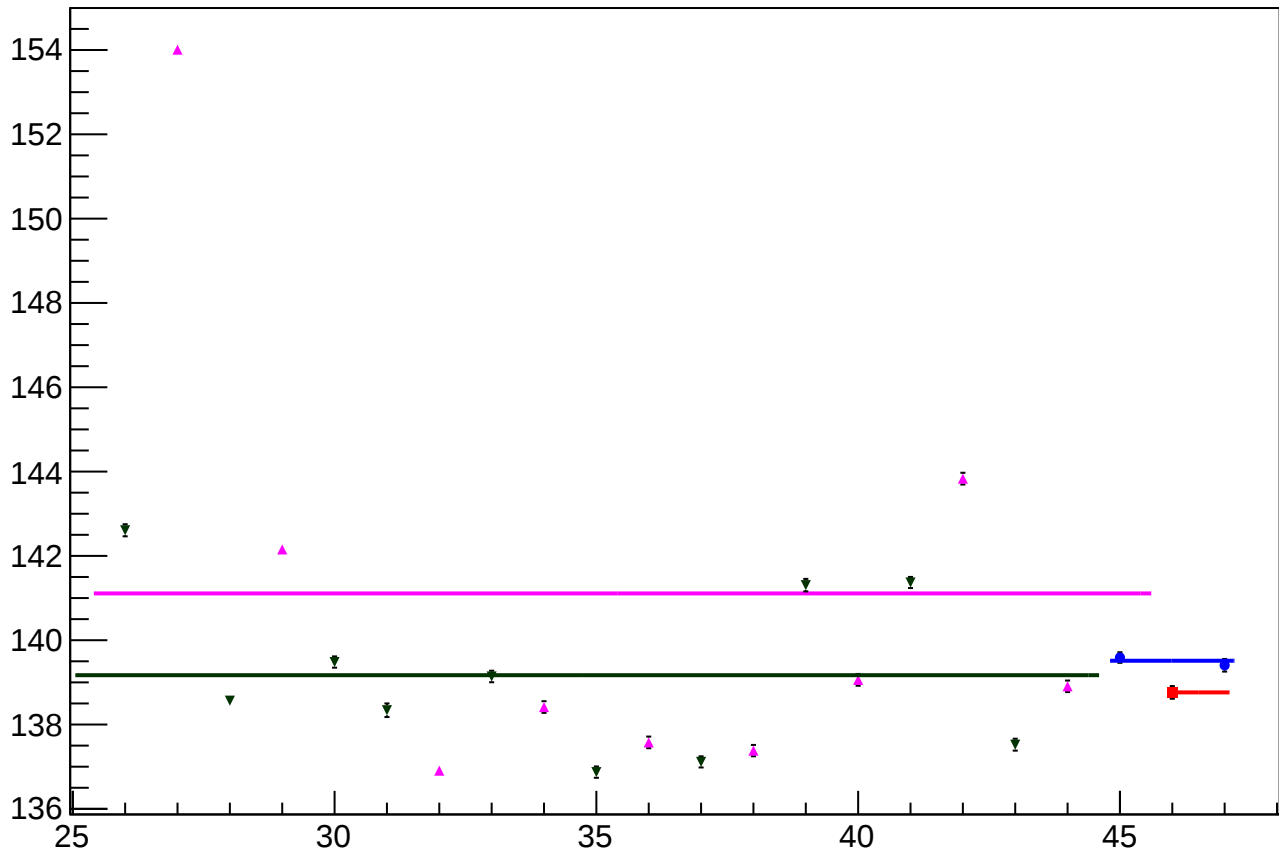
Right Out: -418.796+/-212.666 χ^2/NDF : 0.0/0

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

613.891+/-55.603 χ^2/NDF : 10.9/11

-461.353+/-57.235 χ^2/NDF : 7.1/9

reg_asym_dsl_rms vs slug



Right In: 139.513+/-0.096 χ^2/NDF : 0.9/1

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

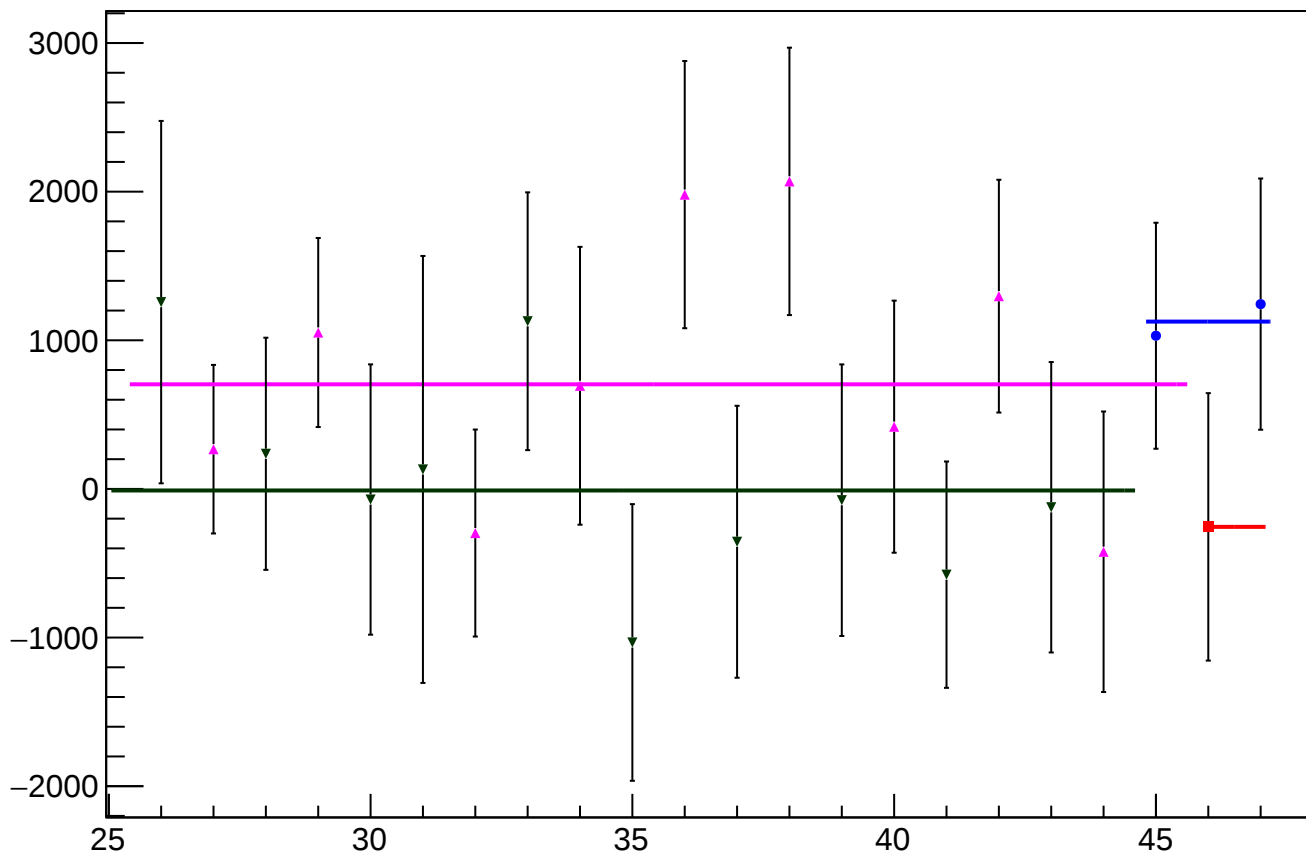
139.228+/-0.039 χ^2/NDF : 1799.5/11

Right Out: 138.762+/-0.150 χ^2/NDF : 0.0/0

140.940+/-0.040 χ^2/NDF : 16635.2/9

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

asym_dsl_correction_mean vs slug



Right In: 1125.747+/-565.200 χ^2/NDF : 0.0/1

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

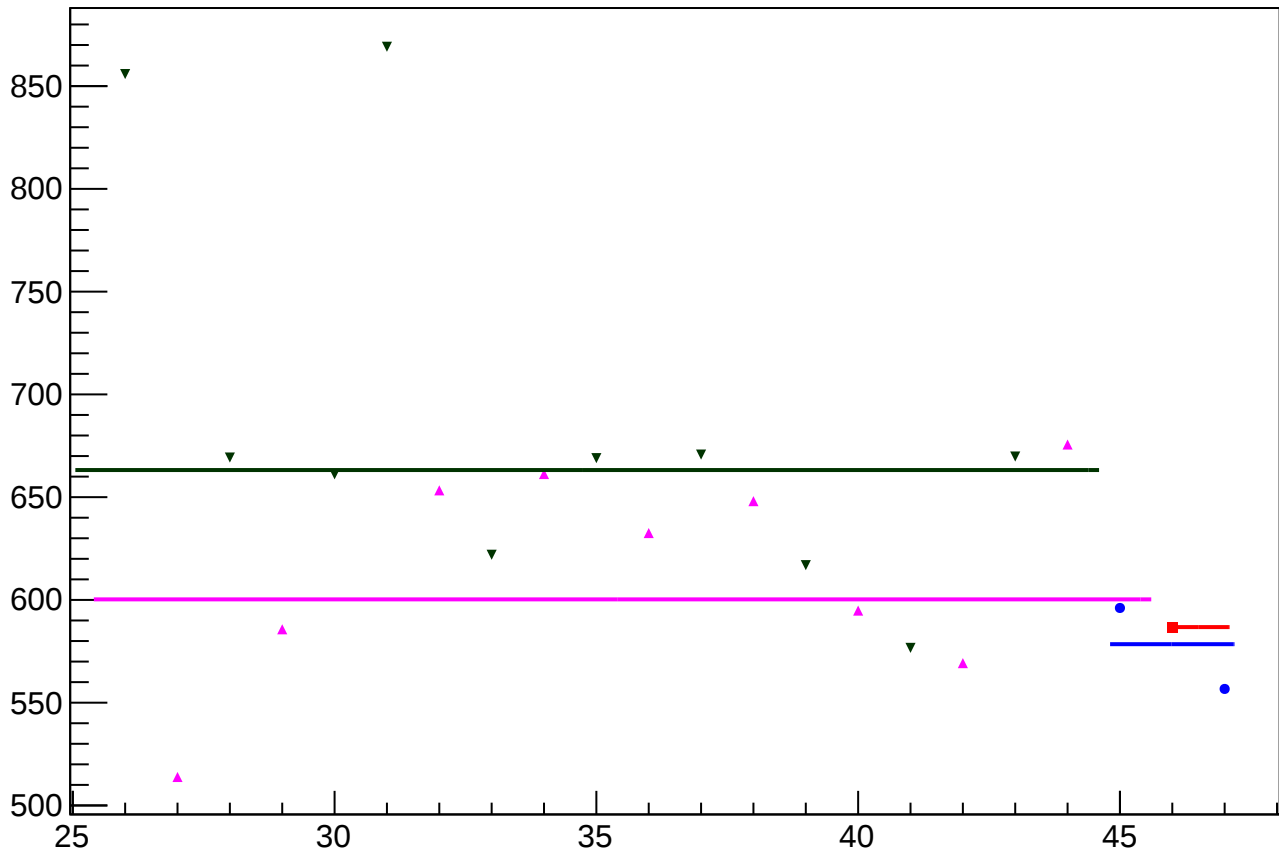
Right Out: -255.370+/-899.753 χ^2/NDF : 0.0/0

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

230.068+/-260.051 χ^2/NDF : 8.1/11

632.700+/-245.130 χ^2/NDF : 10.4/9

asym_dsl_correction_rms vs slug



Right In: 578.468 ± 0.400 χ^2/NDF : 2402.0/1

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

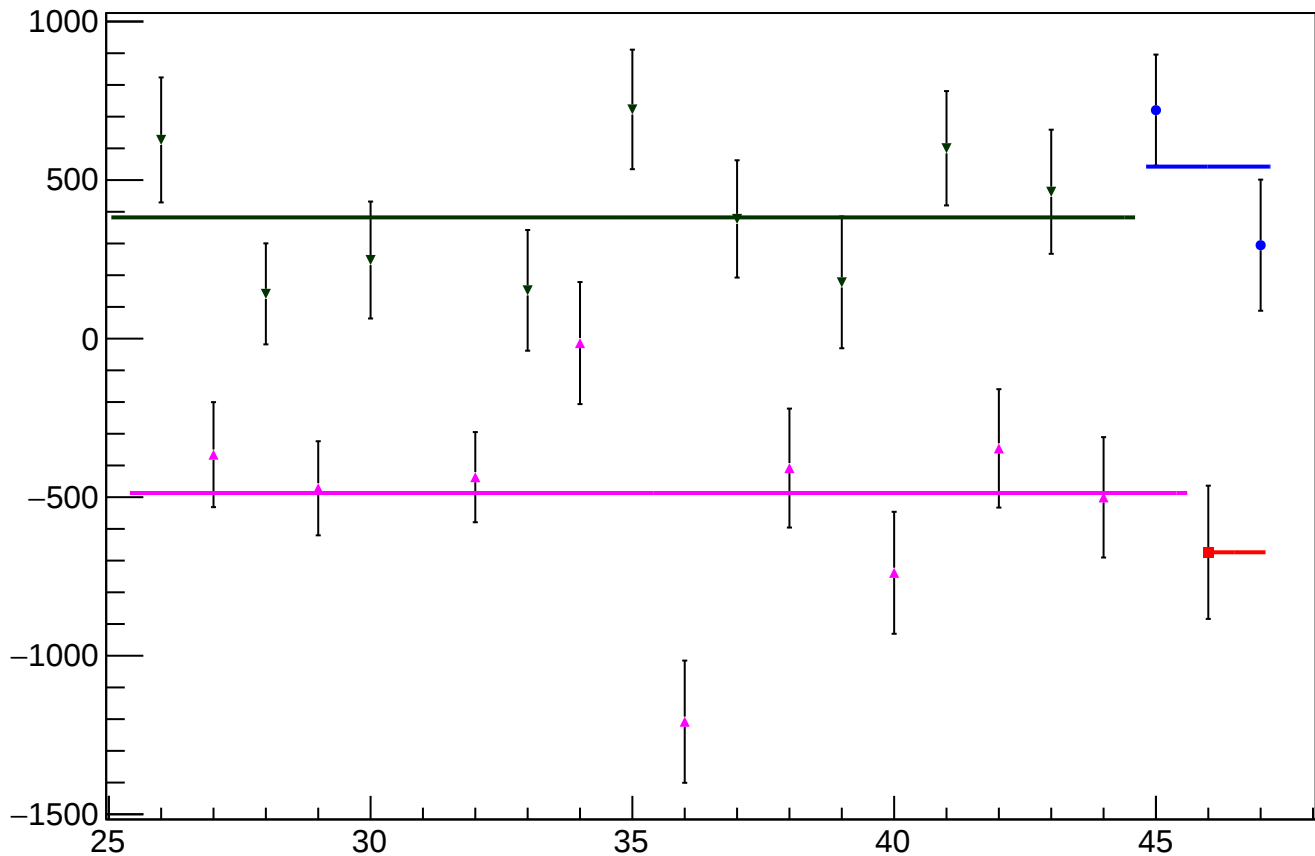
Right Out: 586.783 ± 0.636 χ^2/NDF : 0.0/0

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

645.260 ± 0.184 χ^2/NDF : 164823.1/11

599.266 ± 0.173 χ^2/NDF : 92225.6/9

reg_asym_dsr_mean vs slug



Right In: 542.465 $\pm$ 133.673 χ^2 /NDF: 2.5/1

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

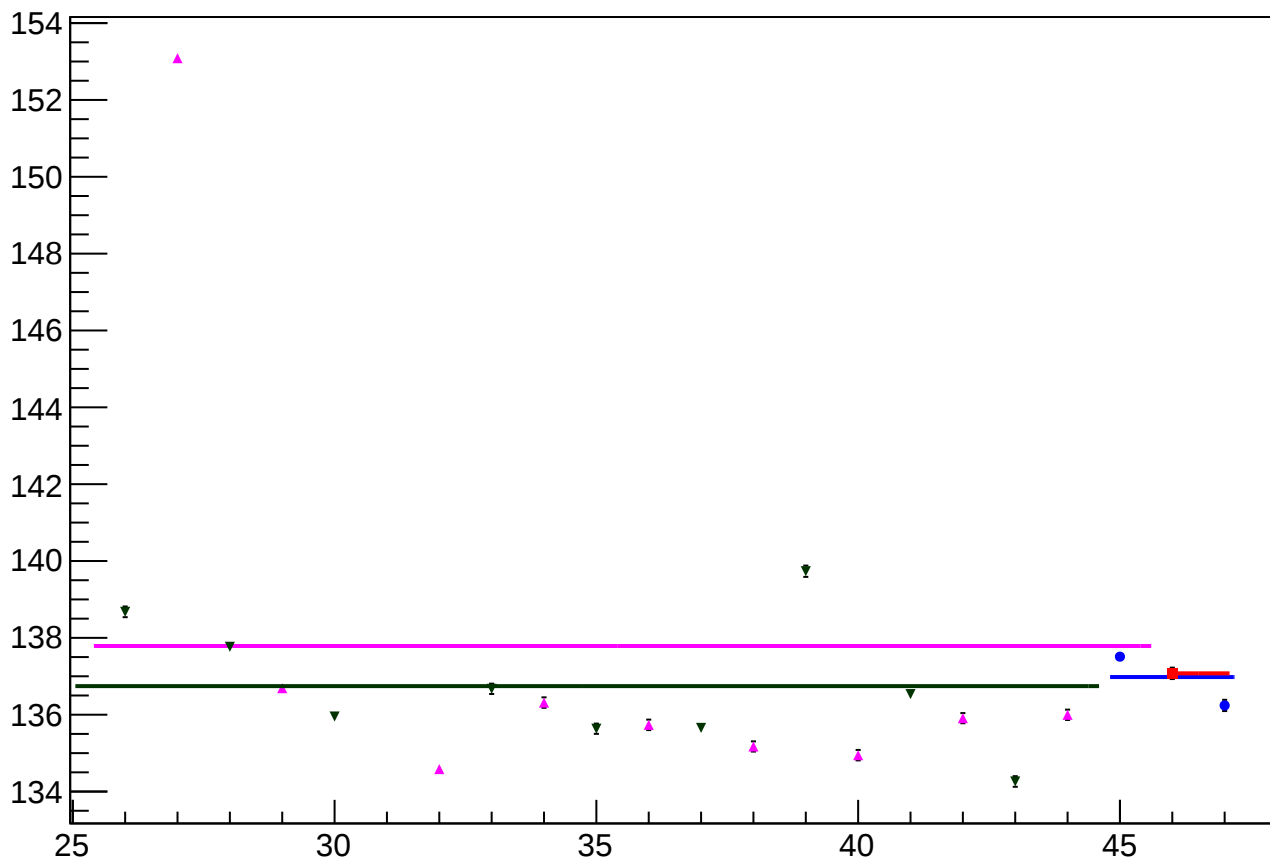
Right Out: -673.796 $\pm$ 210.087 χ^2 /NDF: 0.0/0

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

410.722 $\pm$ 56.296 χ^2 /NDF: 15.3/10

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

reg_asym_dsr_rms vs slug



Right In: 136.980+/-0.095 χ^2/NDF : 43.9/1

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

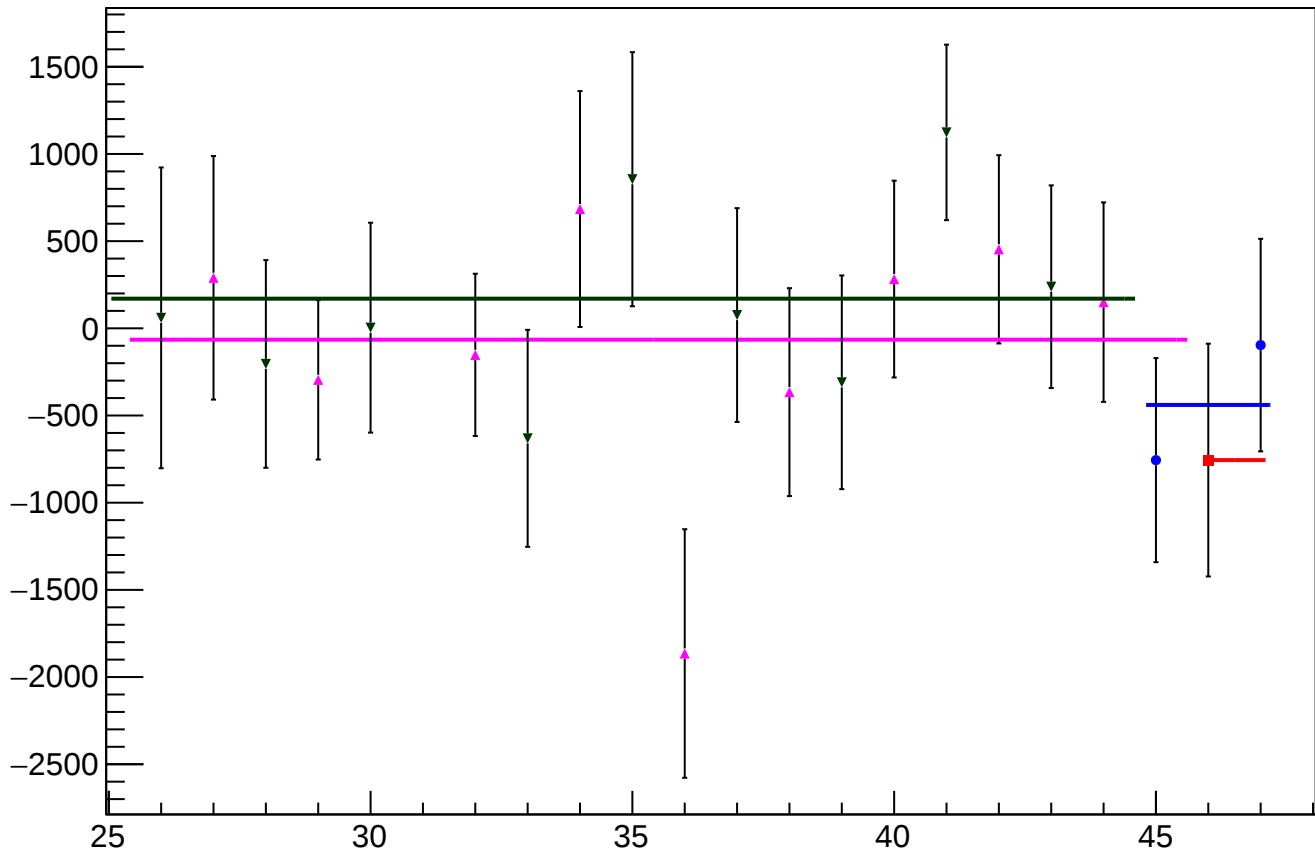
136.786+/-0.040 χ^2/NDF : 1237.8/10

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

137.738+/-0.040 χ^2/NDF : 19768.7/9

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

asym_dsr_correction_mean vs slug



Right In: -439.465+/-422.124 χ^2/NDF : 0.6/1

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

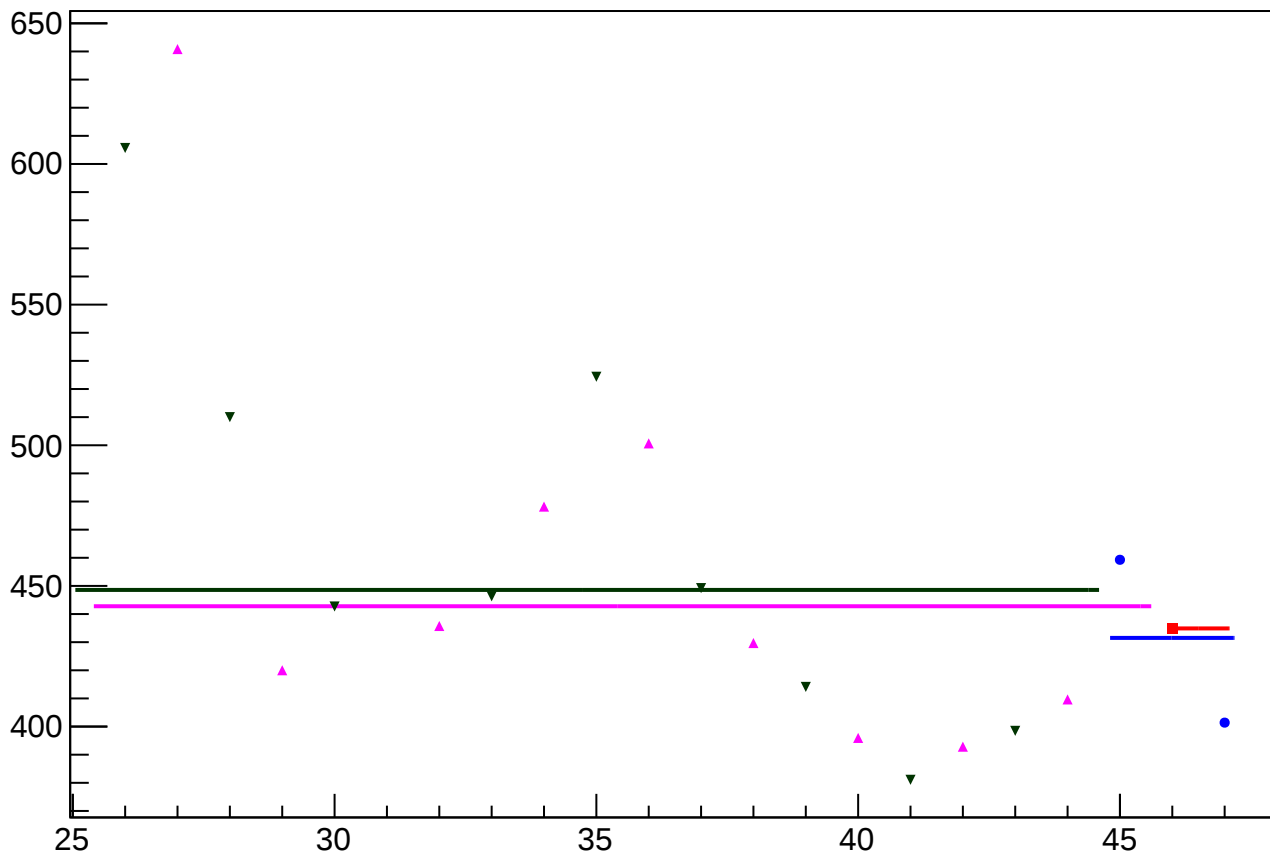
Right Out: -755.654+/-667.624 χ^2/NDF : 0.0/0

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

53.107+/-184.943 χ^2/NDF : 9.6/10

-116.293+/-181.708 χ^2/NDF : 10.8/9

asym_dsr_correction_rms vs slug



Right In: 431.519 ± 0.298 χ^2/NDF : 9388.3/1

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

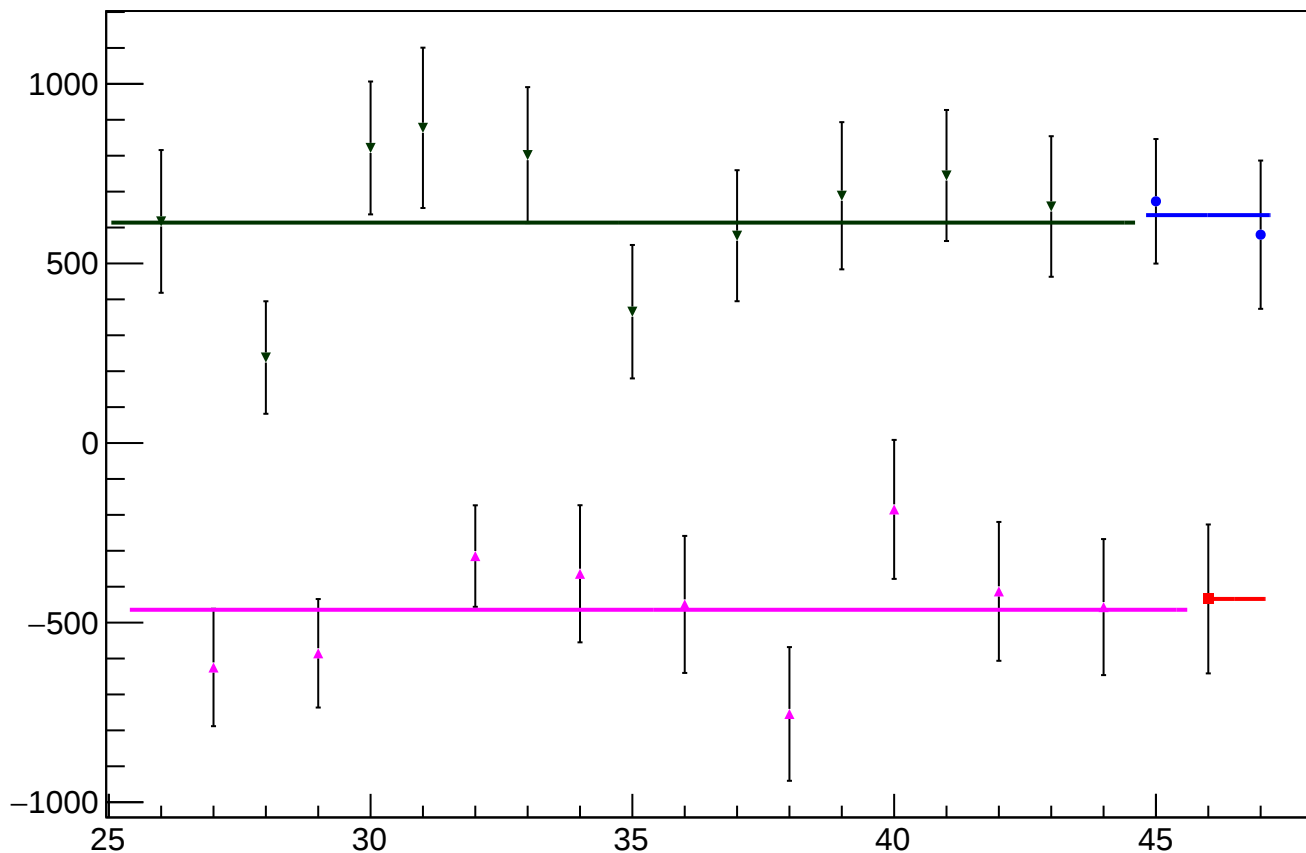
Right Out: 434.889 ± 0.472 χ^2/NDF : 0.0/0

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

445.300 ± 0.131 χ^2/NDF : 178710.7/10

442.189 ± 0.128 χ^2/NDF : 223764.1/9

reg_asym_left_avg_mean vs slug



Right In: 634.559+/-132.774 χ^2/NDF : 0.1/1

Left Out: 613.726+/-59.519 χ^2/NDF :11.9/9

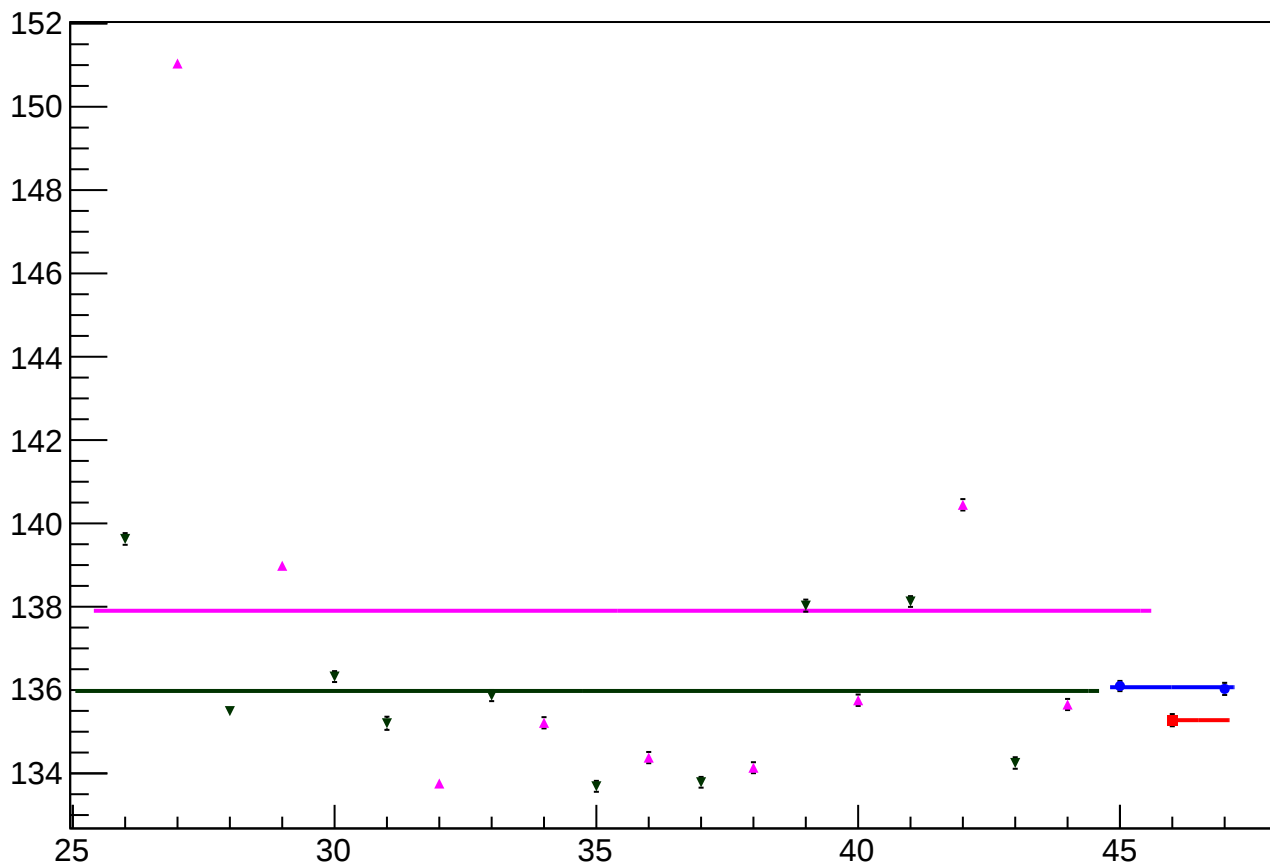
Right Out: -434.061+/-207.326 χ^2/NDF : 0.0/0

Left In: -464.245+/-58.079 χ^2/NDF :7.6/8

617.212+/-54.312 χ^2/NDF : 12.1/11

-462.049+/-55.926 χ^2/NDF : 7.6/9

reg_asym_left_avg_rms vs slug



Right In: 136.068+/-0.094 χ^2/NDF : 0.1/1

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

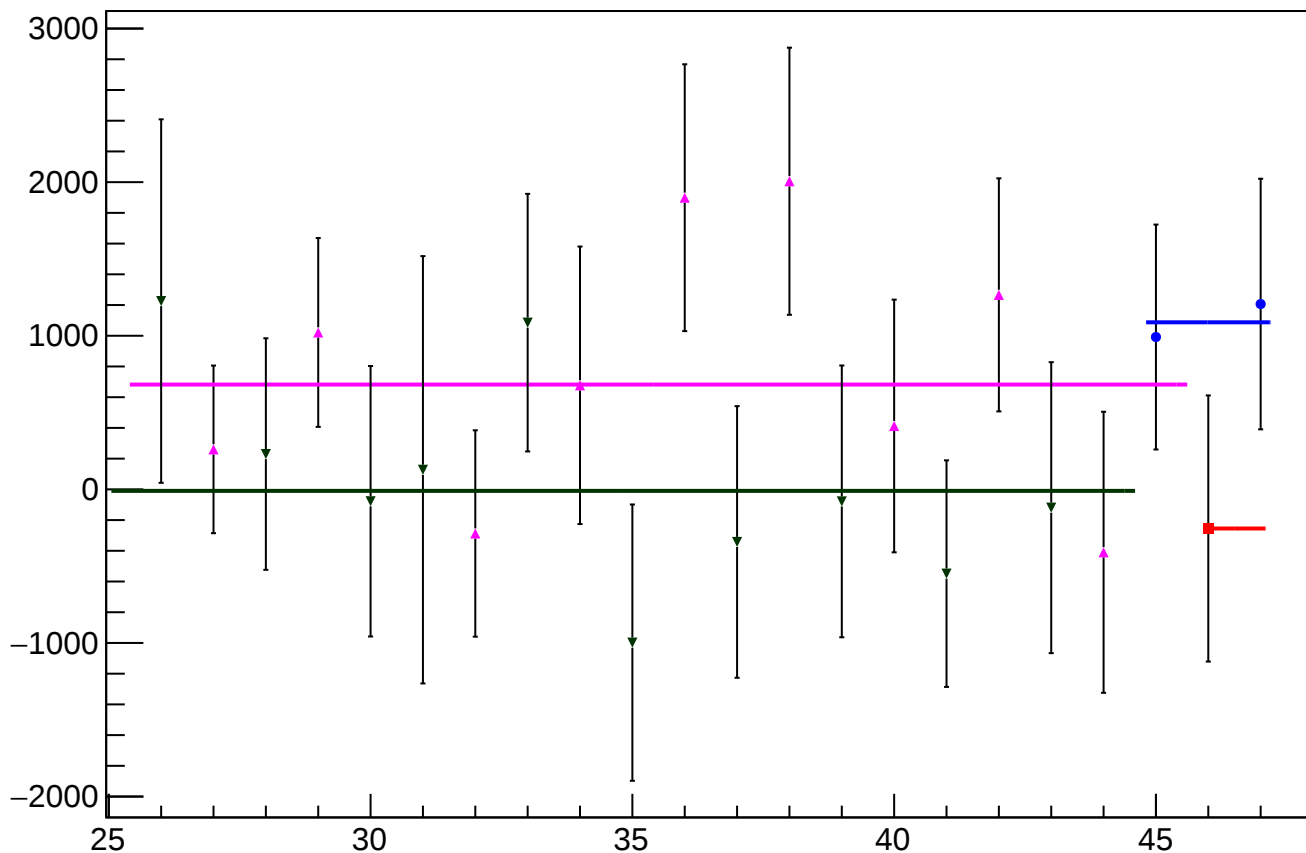
Right Out: 135.277+/-0.147 χ^2/NDF : 0.0/0

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

135.993+/-0.038 χ^2/NDF : 1951.1/11

137.712+/-0.040 χ^2/NDF : 17808.6/9

asym_left_avg_correction_mean vs slug



Right In: 1087.519+/-544.895 χ^2 /NDF: 0.0/1

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

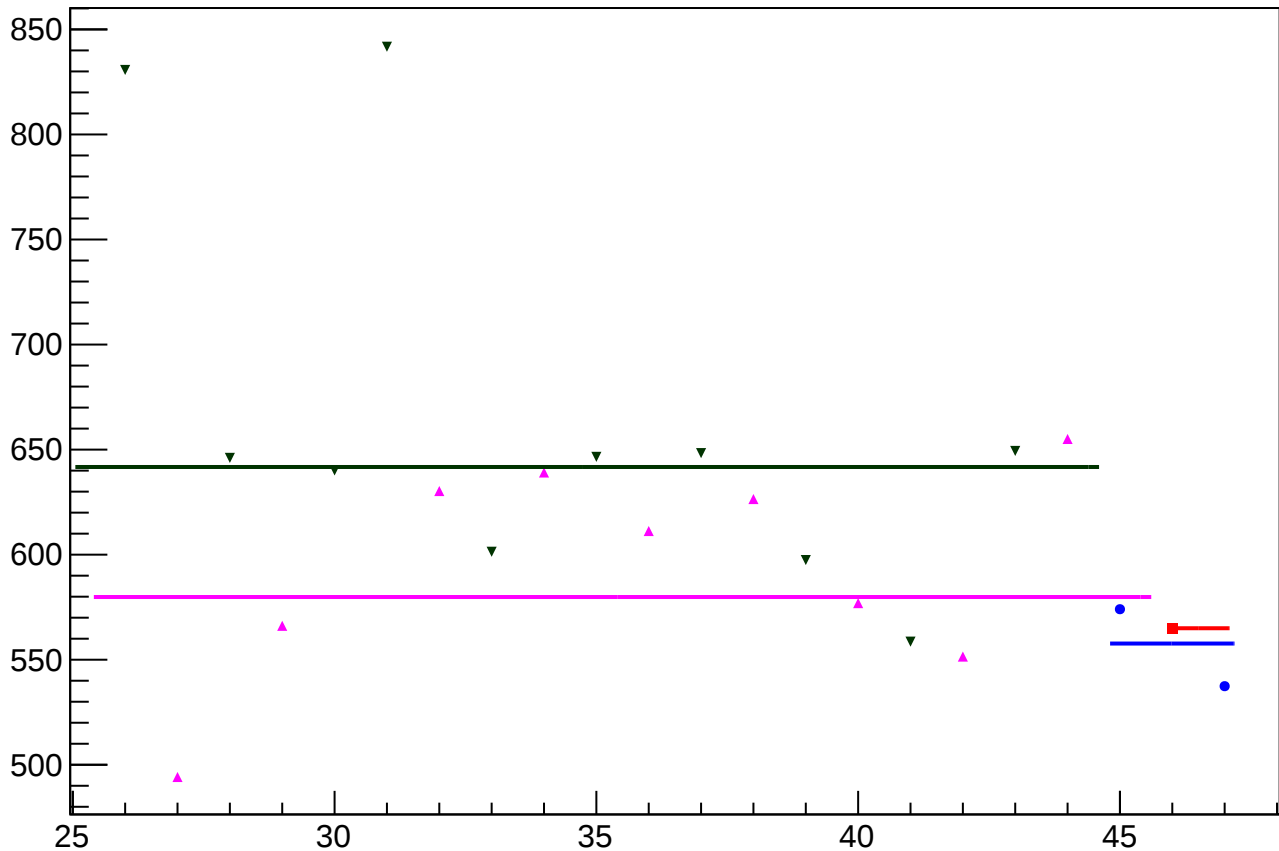
Right Out: -254.879+/-866.333 χ^2 /NDF: 0.0/0

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

223.770+/-251.445 χ^2 /NDF: 8.0/11

612.253+/-236.779 χ^2 /NDF: 10.5/9

asym_left_avg_correction_rms vs slug



Right In: 557.696 ± 0.385 χ^2/NDF : 2234.1/1

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

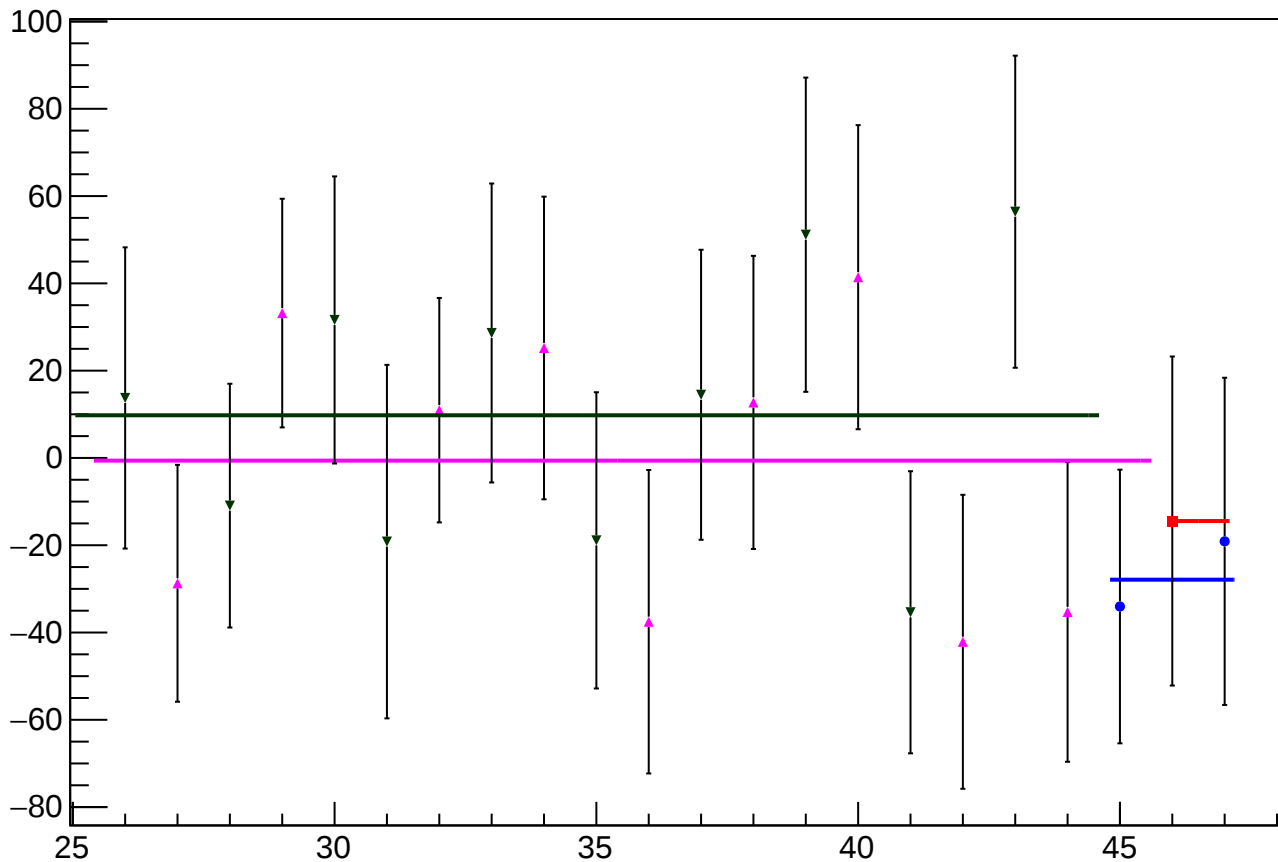
Right Out: 564.979 ± 0.613 χ^2/NDF : 0.0/0

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

623.836 ± 0.178 χ^2/NDF : 167462.4/11

578.733 ± 0.167 χ^2/NDF : 95427.2/9

reg_asym_left_dd_mean vs slug



Right In: -27.895 $\pm$ 24.047 χ^2 /NDF: 0.1/1

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

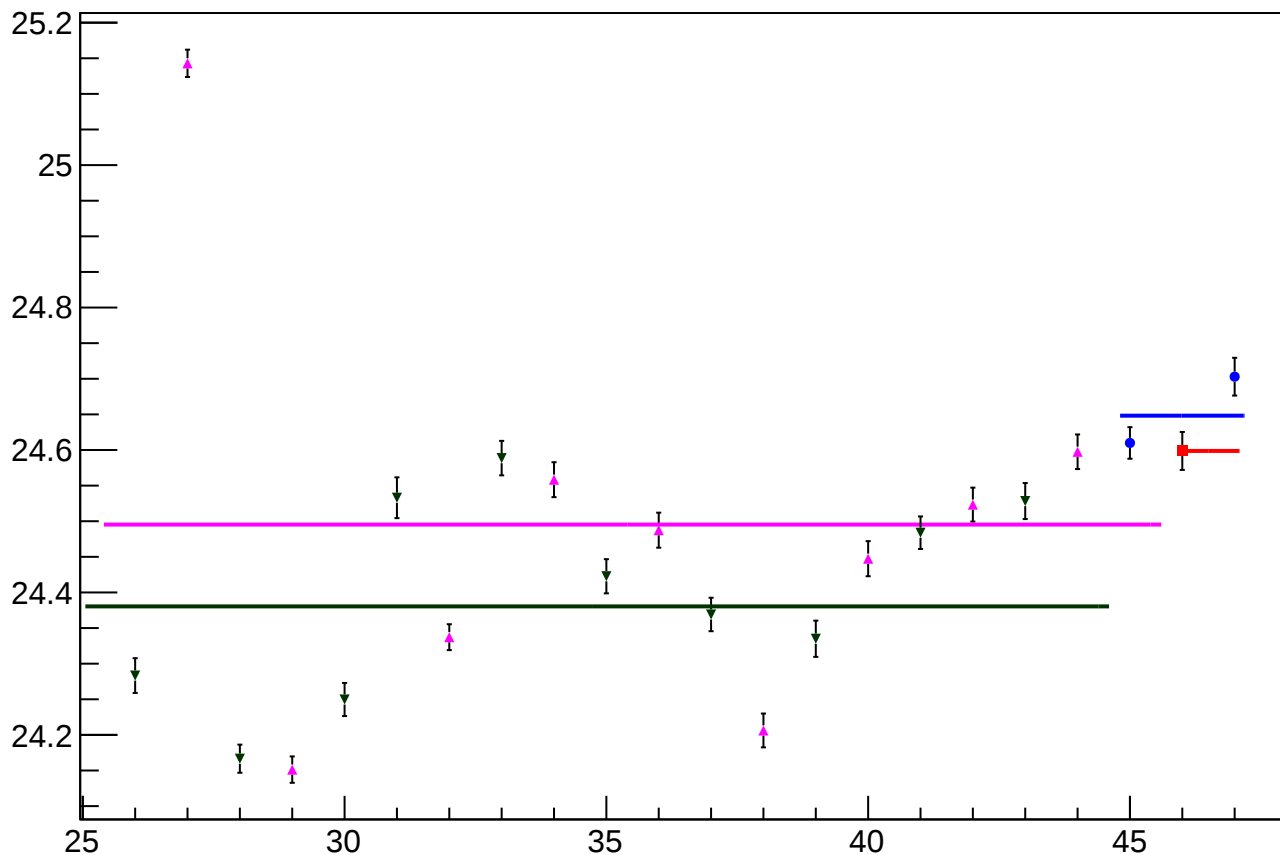
Right Out: -14.454 $\pm$ 37.695 χ^2 /NDF: 0.0/0

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

3.583 $\pm$ 9.748 χ^2 /NDF: 9.7/11

-1.578 $\pm$ 9.935 χ^2 /NDF: 8.9/9

reg_asym_left_dd_rms vs slug

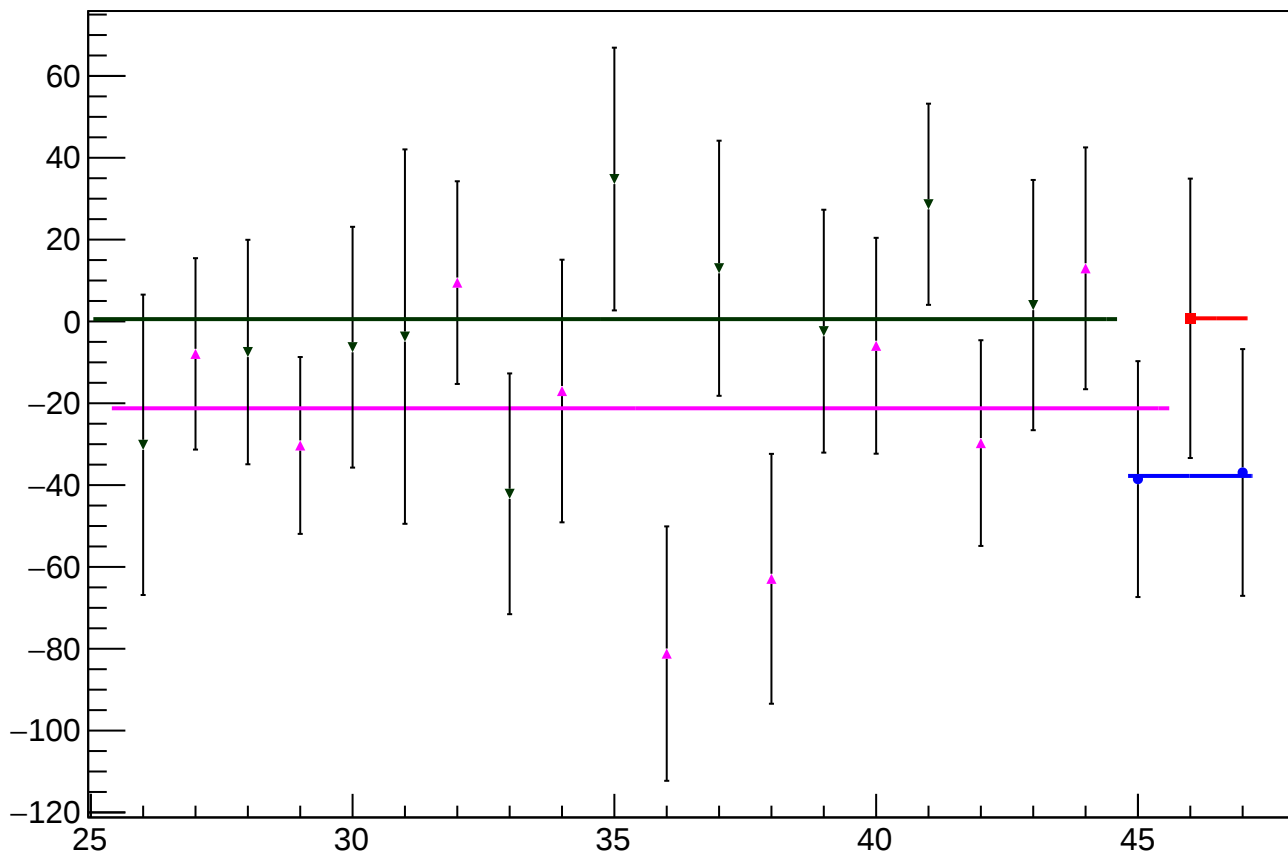


Right In: 24.648 ± 0.017 $\chi^2/\text{NDF}: 7.3/1$
 Left Out: 24.380 ± 0.008 $\chi^2/\text{NDF}: 328.2/9$
 Right Out: 24.599 ± 0.027 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 24.495 ± 0.007 $\chi^2/\text{NDF}: 1736.8/8$

24.424 ± 0.007 $\chi^2/\text{NDF}: 542.8/11$

24.502 ± 0.007 $\chi^2/\text{NDF}: 1750.8/9$

asym_left_dd_correction_mean vs slug



Right In: -37.760 $\pm$ 20.838 χ^2/NDF : 0.0/1

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

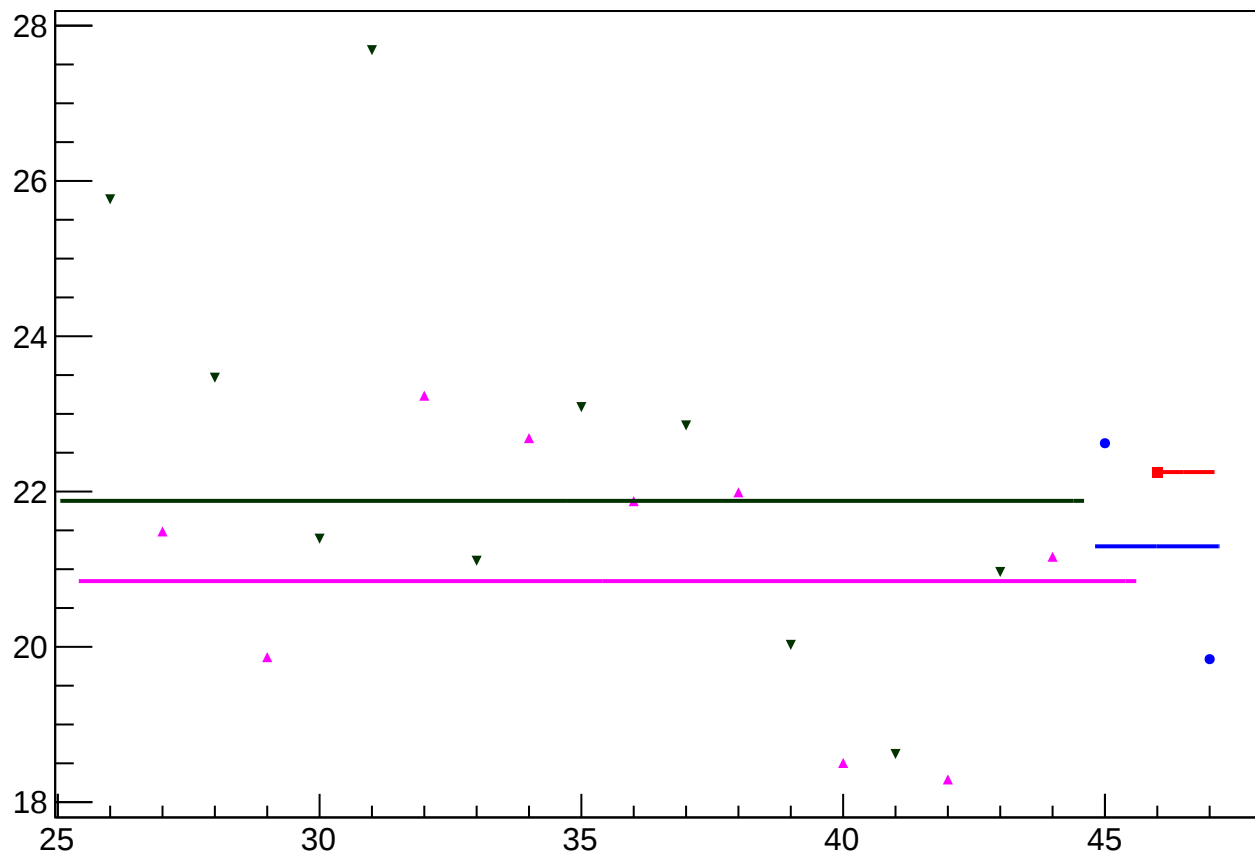
Right Out: 0.761 $\pm$ 34.142 χ^2/NDF : 0.0/0

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

-6.215 $\pm$ 8.764 χ^2/NDF : 8.4/11

-19.852 $\pm$ 8.544 χ^2/NDF : 9.8/9

asym_left_dd_correction_rms vs slug



Right In: 21.294+/-0.015 χ^2/NDF : 8886.6/1

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

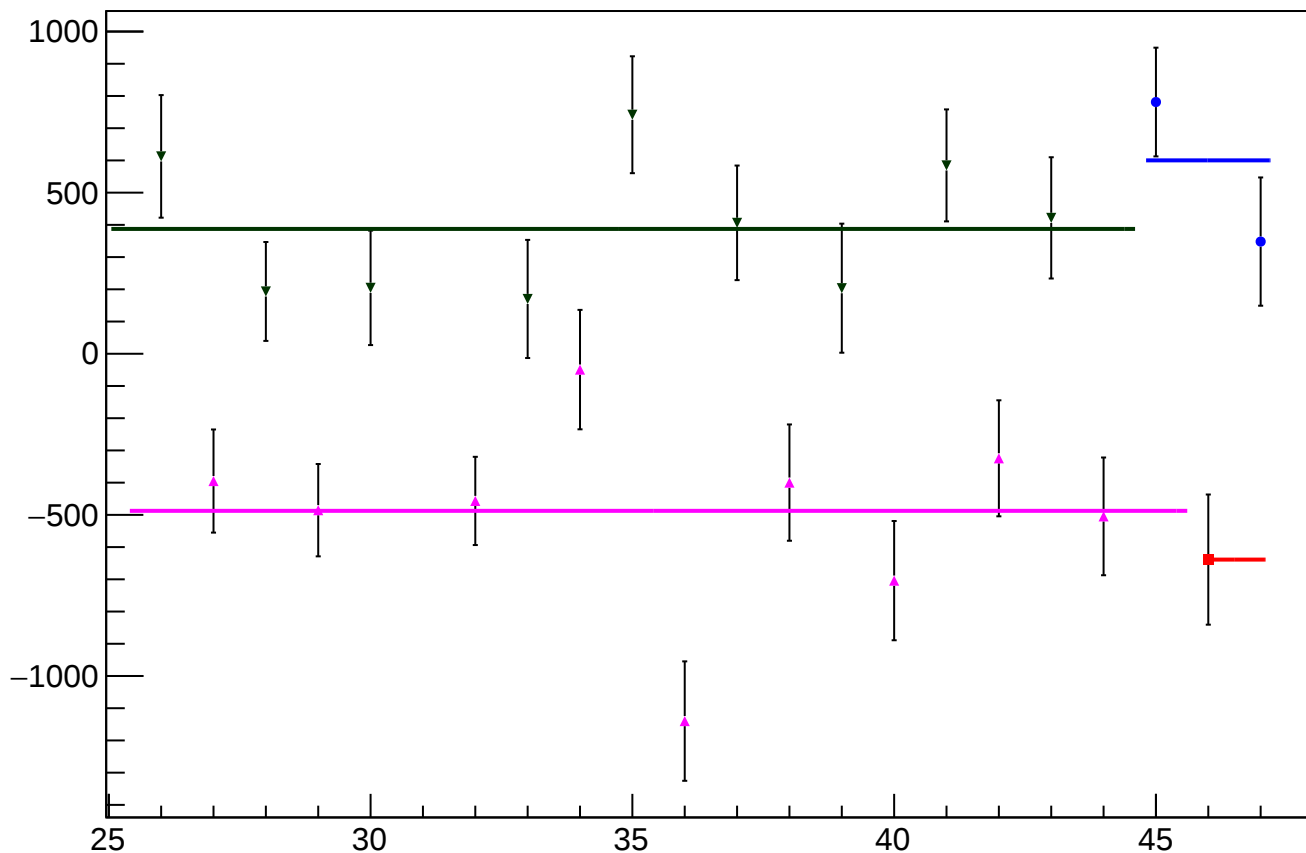
Right Out: 22.251+/-0.024 χ^2/NDF : 0.0/0

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

21.776+/-0.006 χ^2/NDF : 122901.3/11

20.935+/-0.006 χ^2/NDF : 75578.8/9

reg_asym_right_avg_mean vs slug



Right In: 600.176 ± 128.691 χ^2/NDF : 2.8/1

Left Out: 387.415 ± 59.778 χ^2/NDF : 11.5/8

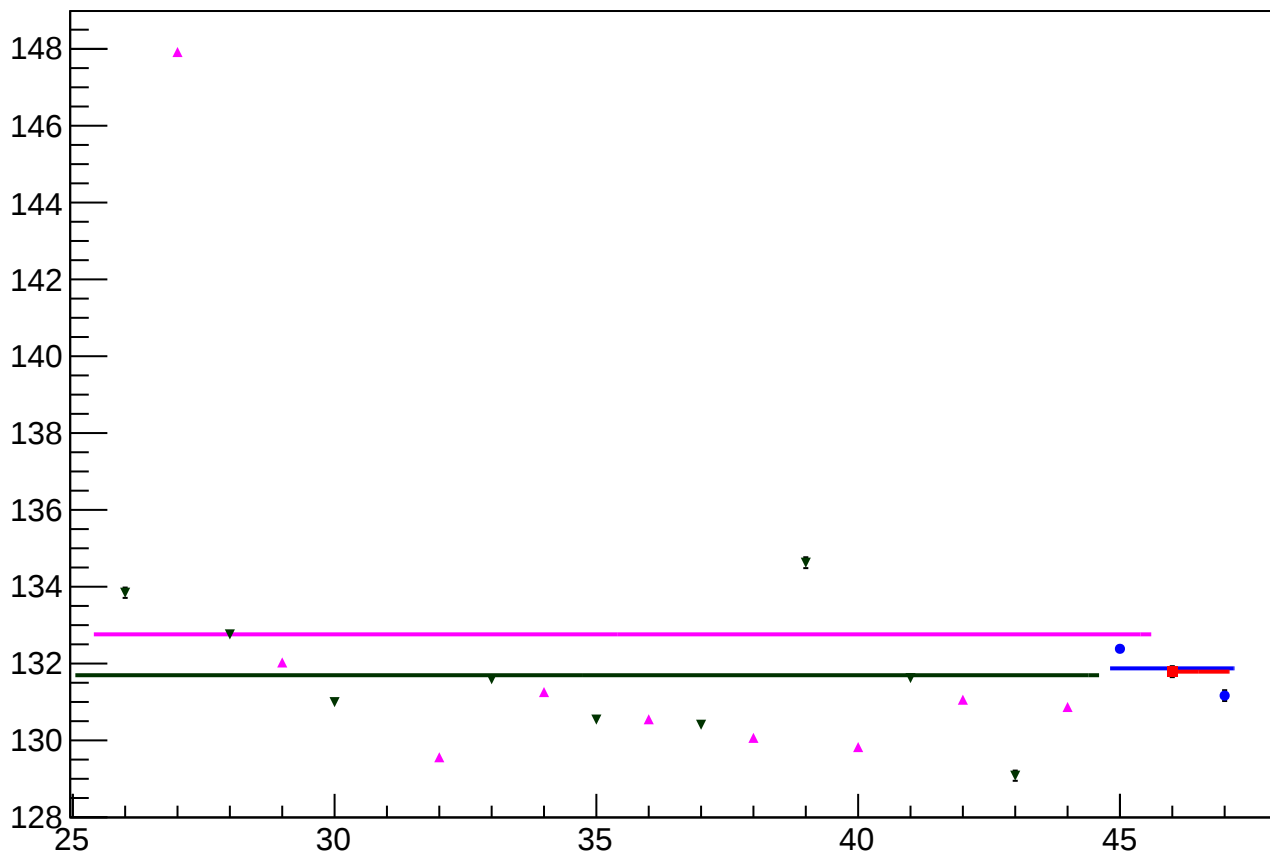
Right Out: -638.767 ± 201.979 χ^2/NDF : 0.0/0

Left In: -487.470 ± 55.895 χ^2/NDF : 20.8/8

425.174 ± 54.214 χ^2/NDF : 16.5/10

-498.232 ± 53.870 χ^2/NDF : 21.3/9

reg_asym_right_avg_rms vs slug



Right In: 131.875 ± 0.091 χ^2/NDF : 43.6/1

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

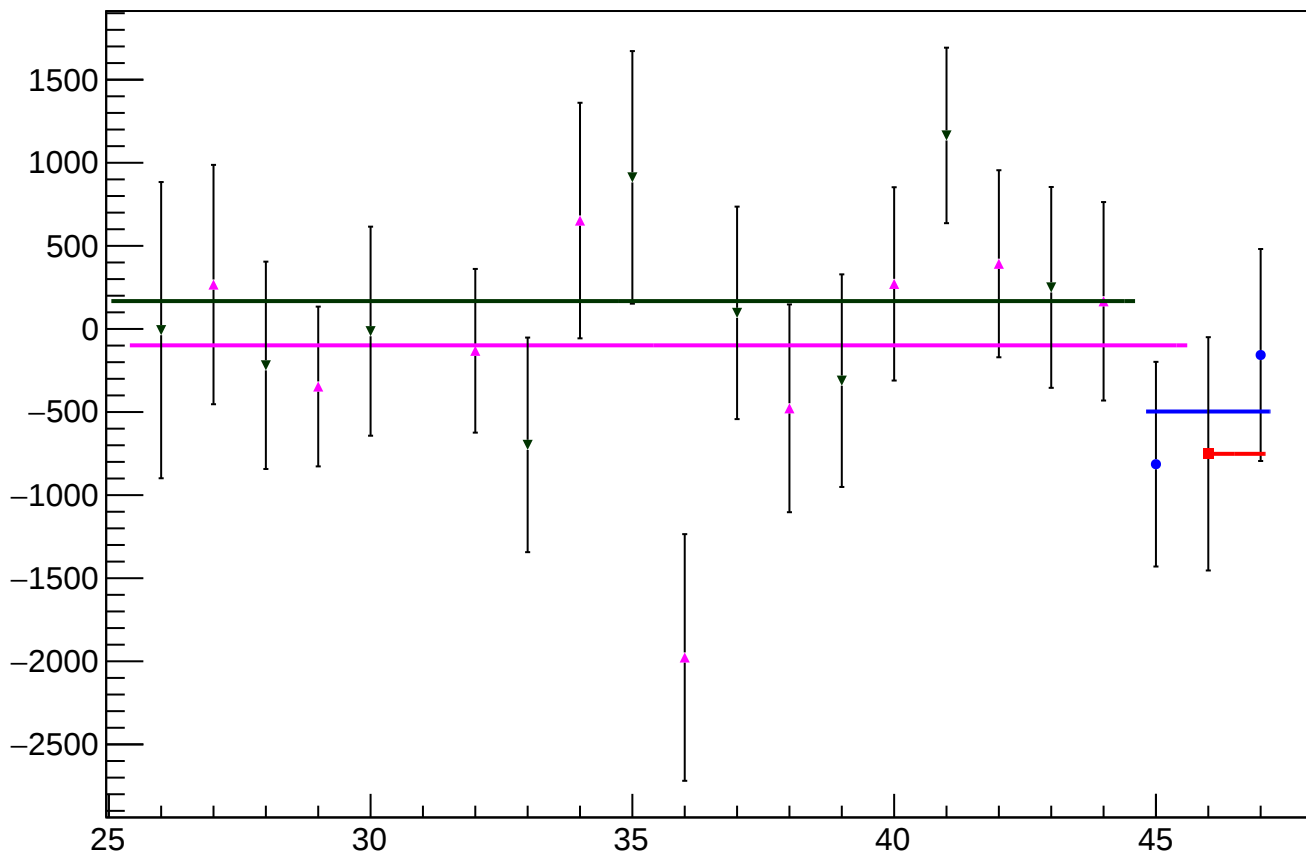
Right Out: 131.789 ± 0.143 χ^2/NDF : 0.0/0

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

131.728 ± 0.038 χ^2/NDF : 1430.3/10

132.691 ± 0.038 χ^2/NDF : 20890.9/9

asym_right_avg_correction_mean vs slug



Right In: -496.825+/-443.027 χ^2/NDF : 0.5/1

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

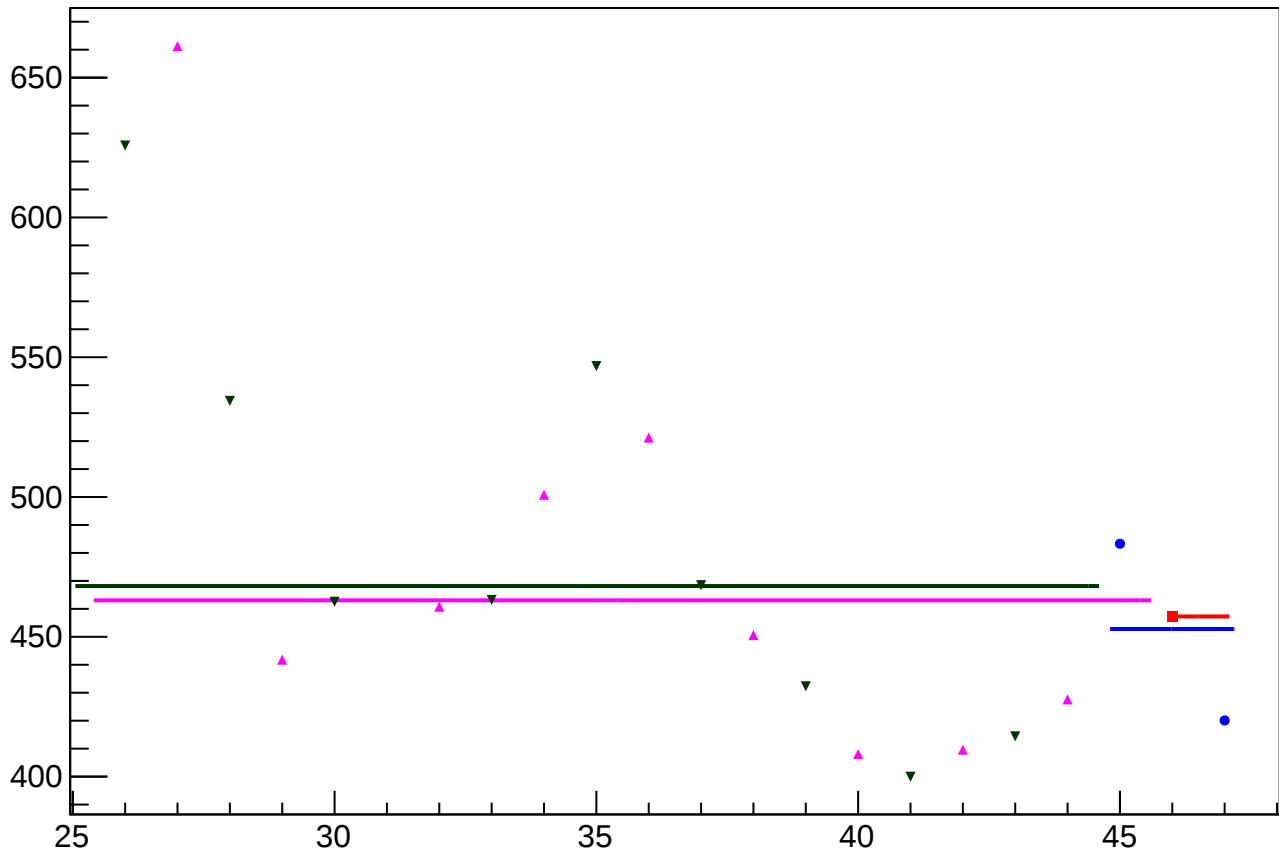
Right Out: -751.502+/-701.951 χ^2/NDF : 0.0/0

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

41.309+/-193.186 χ^2/NDF : 9.8/10

-146.489+/-190.045 χ^2/NDF : 10.6/9

asym_right_avg_correction_rms vs slug



Right In: 452.793+/-0.313 χ^2/NDF : 10167.6/1

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

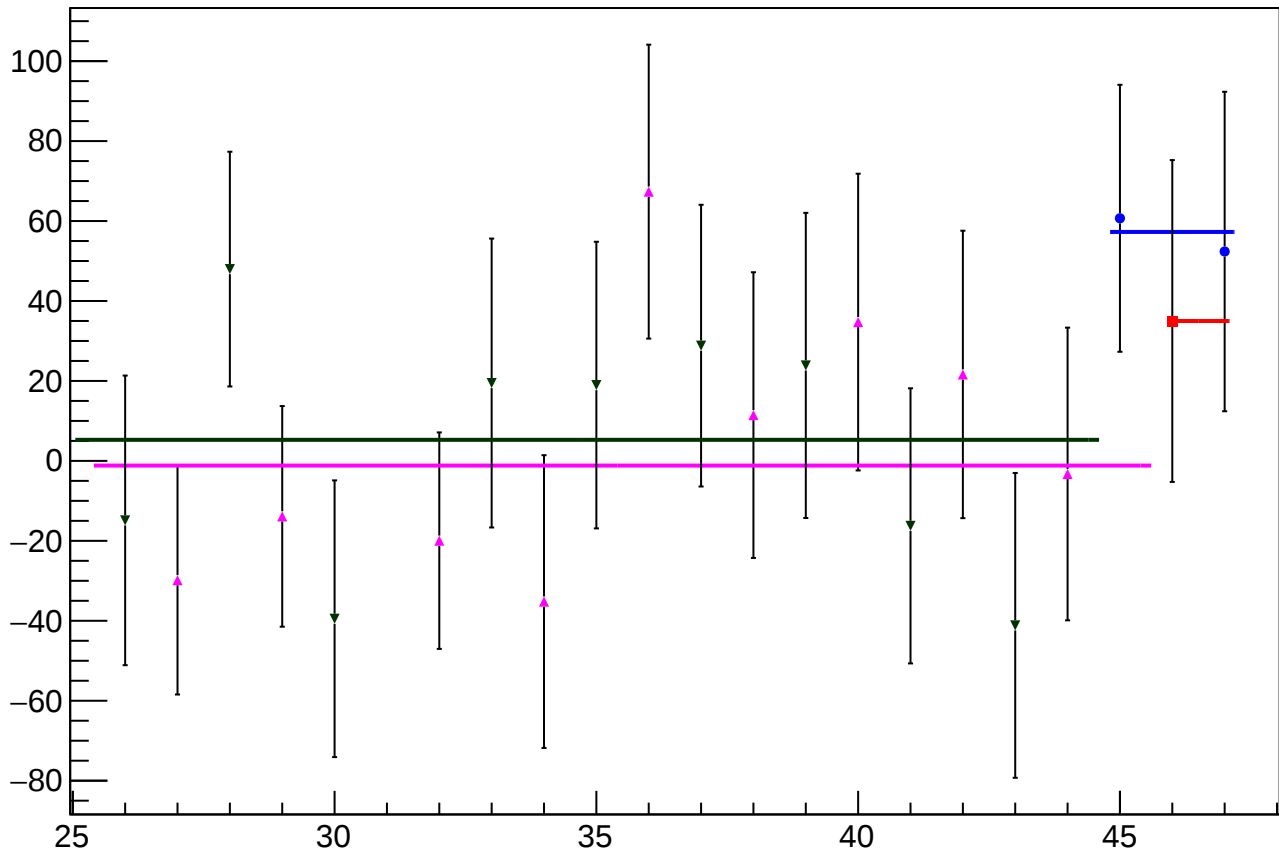
465.232+/-0.137 χ^2/NDF : 174345.5/10

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: 57.271+/-25.624 χ^2/NDF : 0.0/1

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

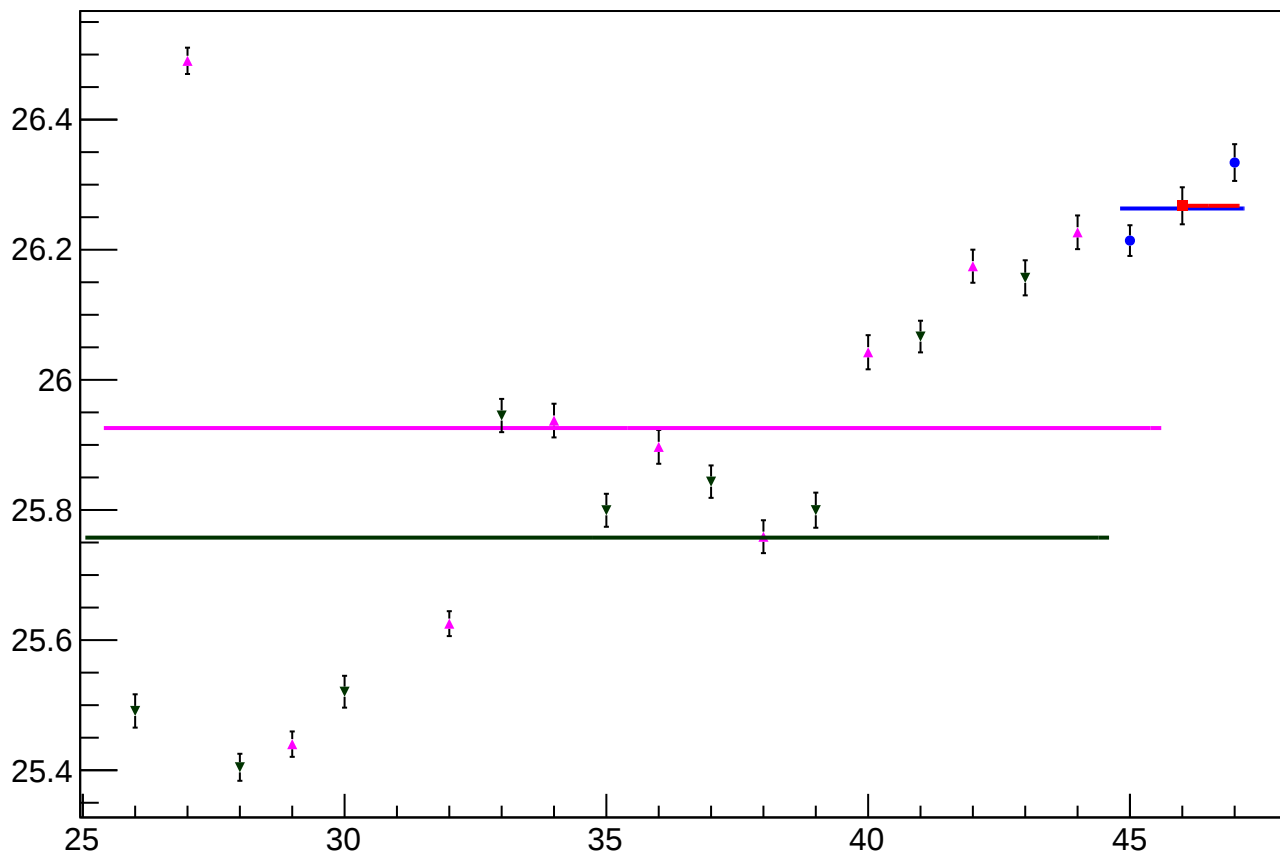
Right Out: 34.991+/-40.254 χ^2/NDF : 0.0/0

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

14.222+/-10.631 χ^2/NDF : 10.4/10

1.299+/-10.523 χ^2/NDF : 8.3/9

reg_asym_right_dd_rms vs slug



Right In: 26.263 $\pm$ 0.018 χ^2 /NDF: 10.6/1

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

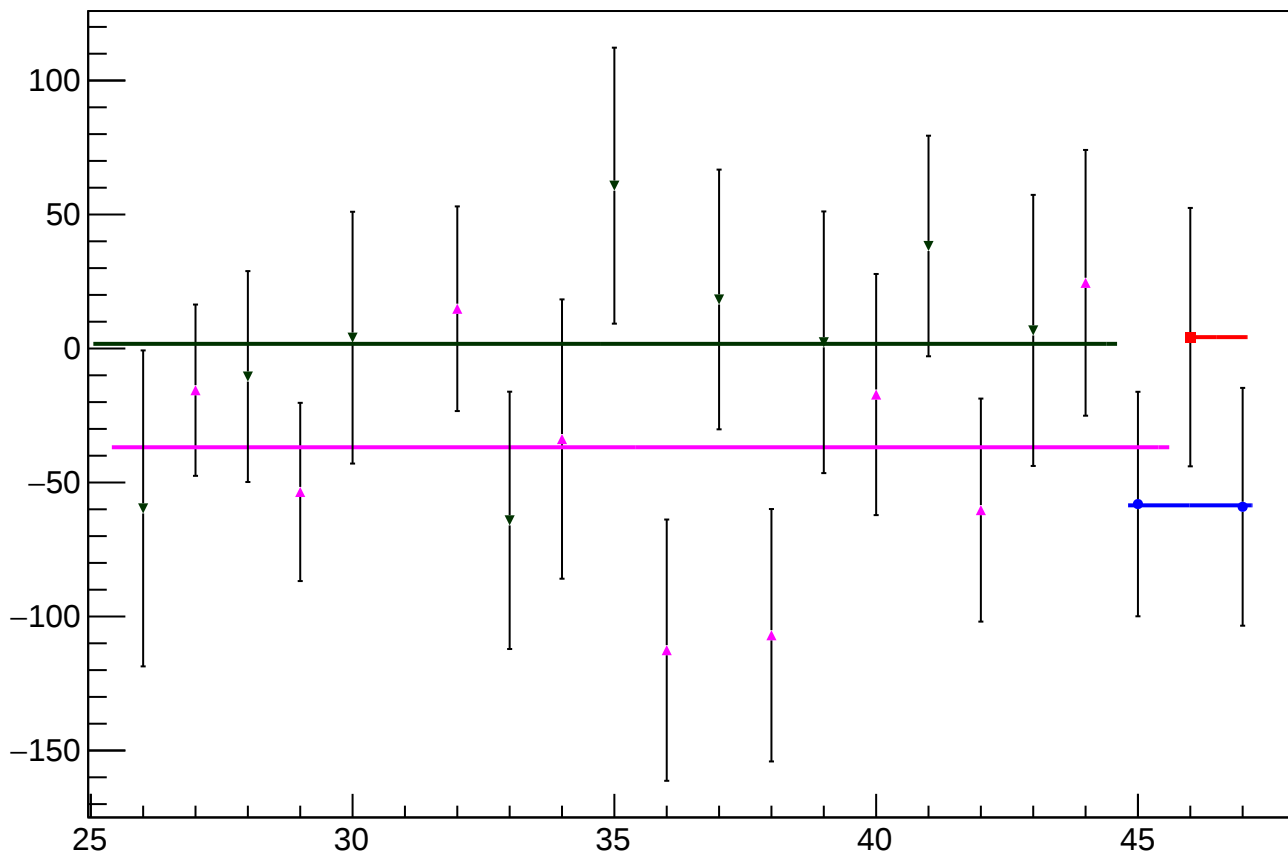
Right Out: 26.268 $\pm$ 0.028 χ^2 /NDF: 0.0/0

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

25.845 $\pm$ 0.008 χ^2 /NDF: 1598.6/10

25.949 $\pm$ 0.007 χ^2 /NDF: 2075.1/9

asym_right_dd_correction_mean vs slug



Right In: -58.520+/-30.458 χ^2/NDF : 0.0/1

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

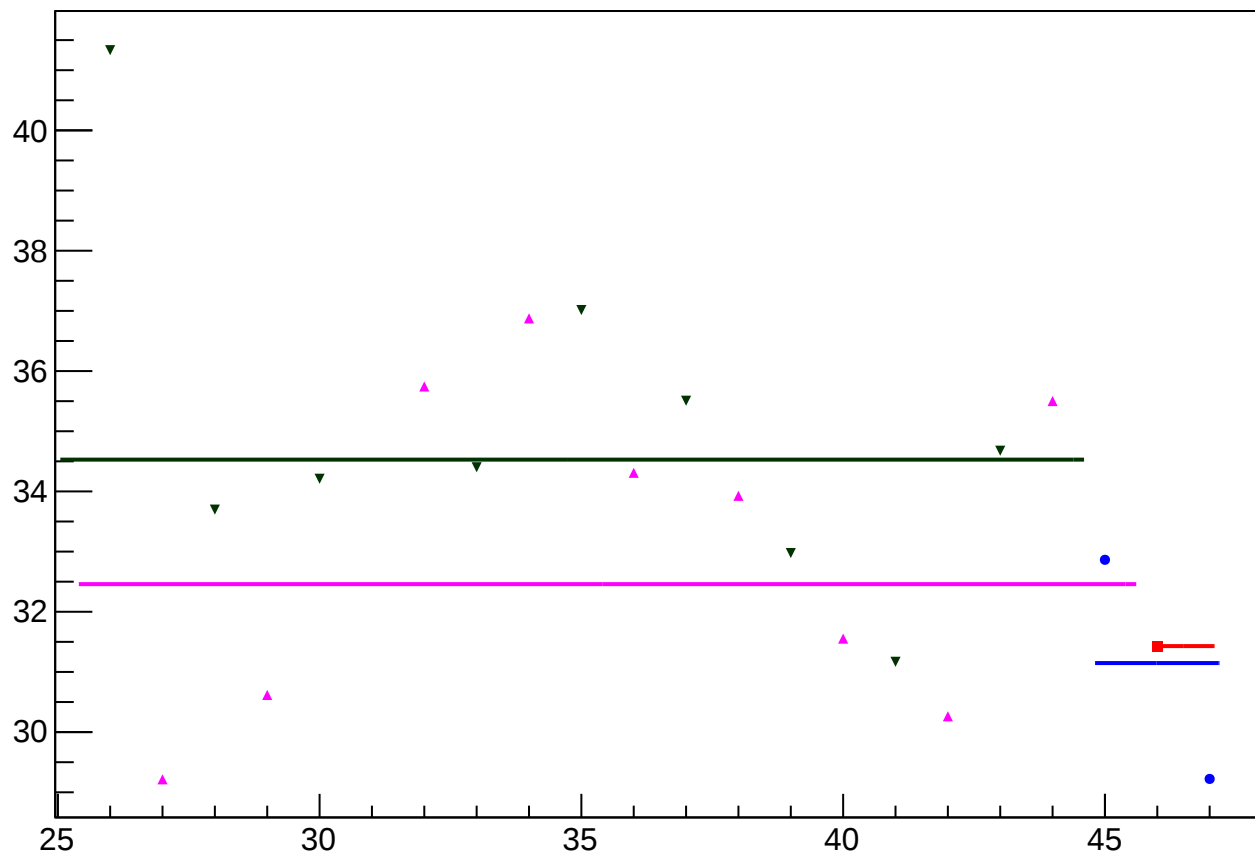
Right Out: 4.246+/-48.209 χ^2/NDF : 0.0/0

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

-10.991+/-13.999 χ^2/NDF : 8.4/10

-33.757+/-13.225 χ^2/NDF : 9.9/9

asym_right_dd_correction_rms vs slug



Right In: 31.148 ± 0.022 $\chi^2/\text{NDF}: 7122.6/1$

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

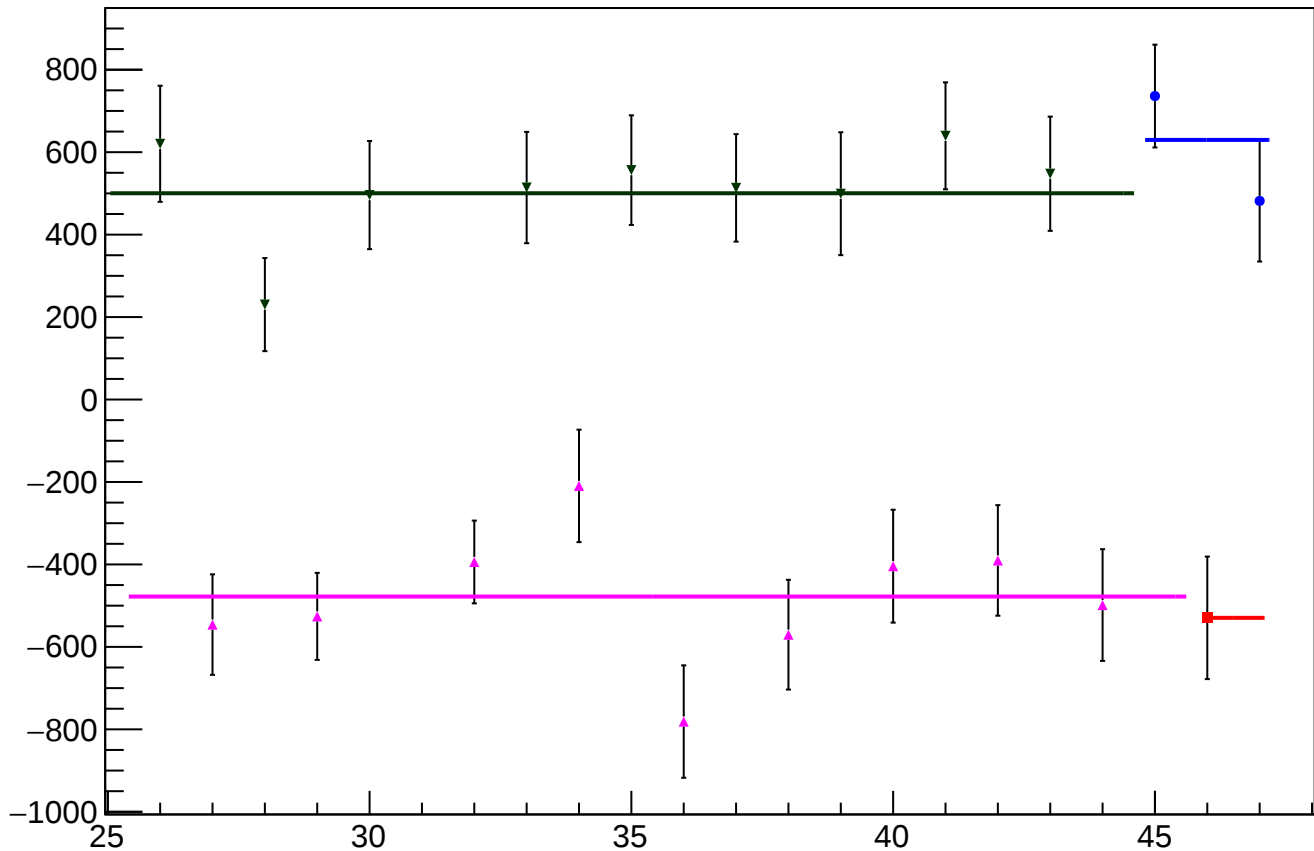
Right Out: 31.430 ± 0.034 $\chi^2/\text{NDF}: 0.0/0$

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

33.814 ± 0.010 $\chi^2/\text{NDF}: 75044.4/10$

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

reg_asym_us_avg_mean vs slug



Right In: 629.751 ± 95.086 $\chi^2/\text{NDF}: 1.7/1$

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

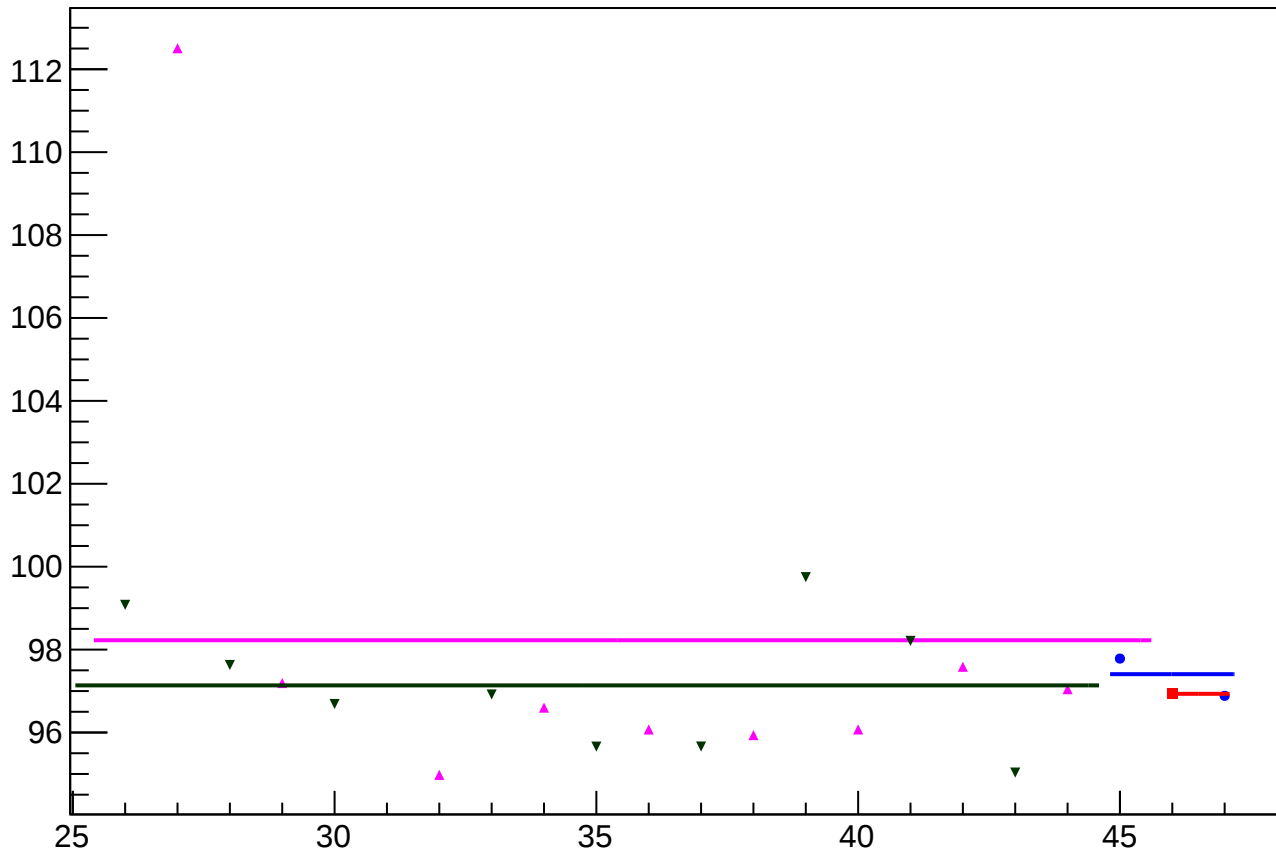
Right Out: -529.525 ± 148.600 $\chi^2/\text{NDF}: 0.0/0$

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

523.276 ± 40.018 $\chi^2/\text{NDF}: 11.2/10$

-481.584 ± 39.871 $\chi^2/\text{NDF}: 11.4/9$

reg_asym_us_avg_rms vs slug



Right In: 97.408 ± 0.067 χ^2/NDF : 43.4/1

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

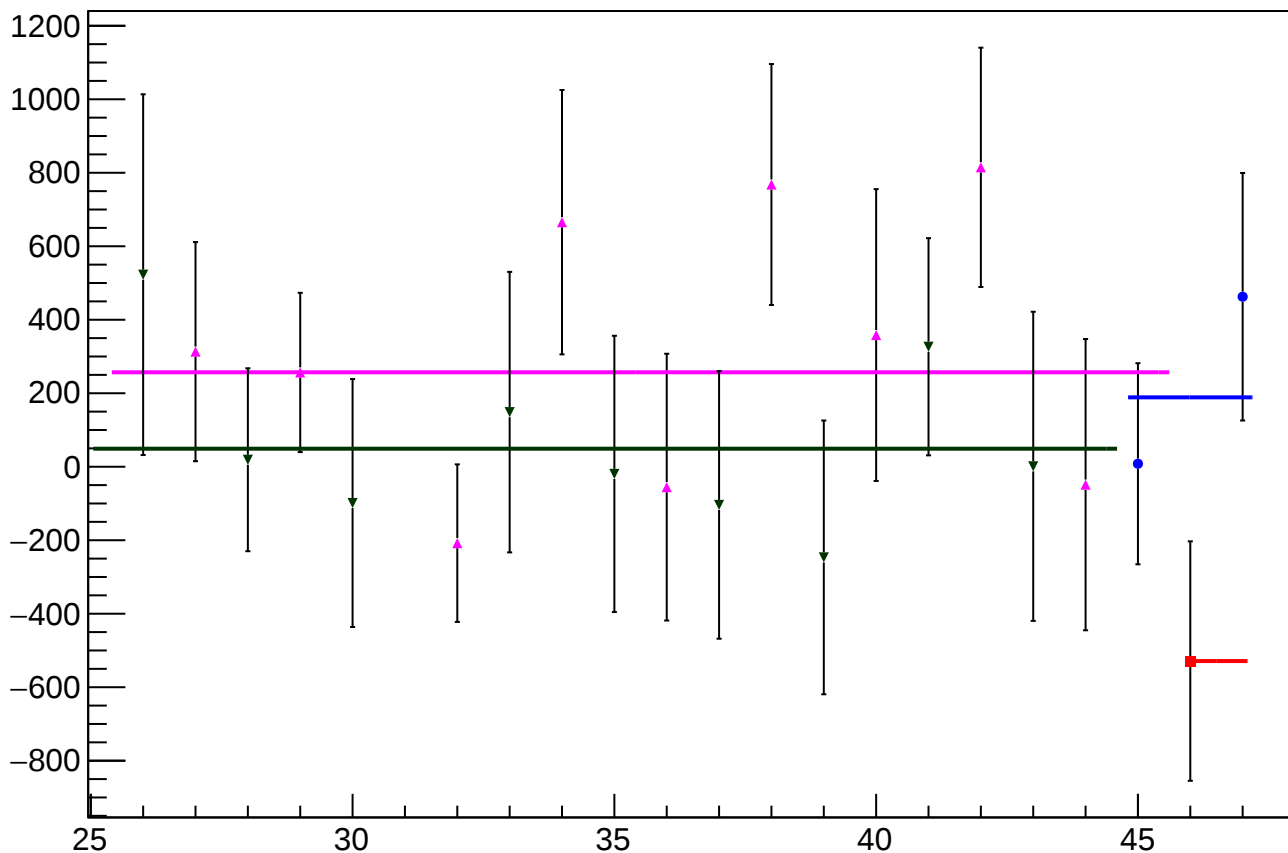
Right Out: 96.933 ± 0.105 χ^2/NDF : 0.0/0

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

97.185 ± 0.028 χ^2/NDF : 2219.5/10

98.132 ± 0.028 χ^2/NDF : 31957.7/9

asym_us_avg_correction_mean vs slug



Right In: 188.836 $\pm$ 212.380 χ^2 /NDF: 1.1/1

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

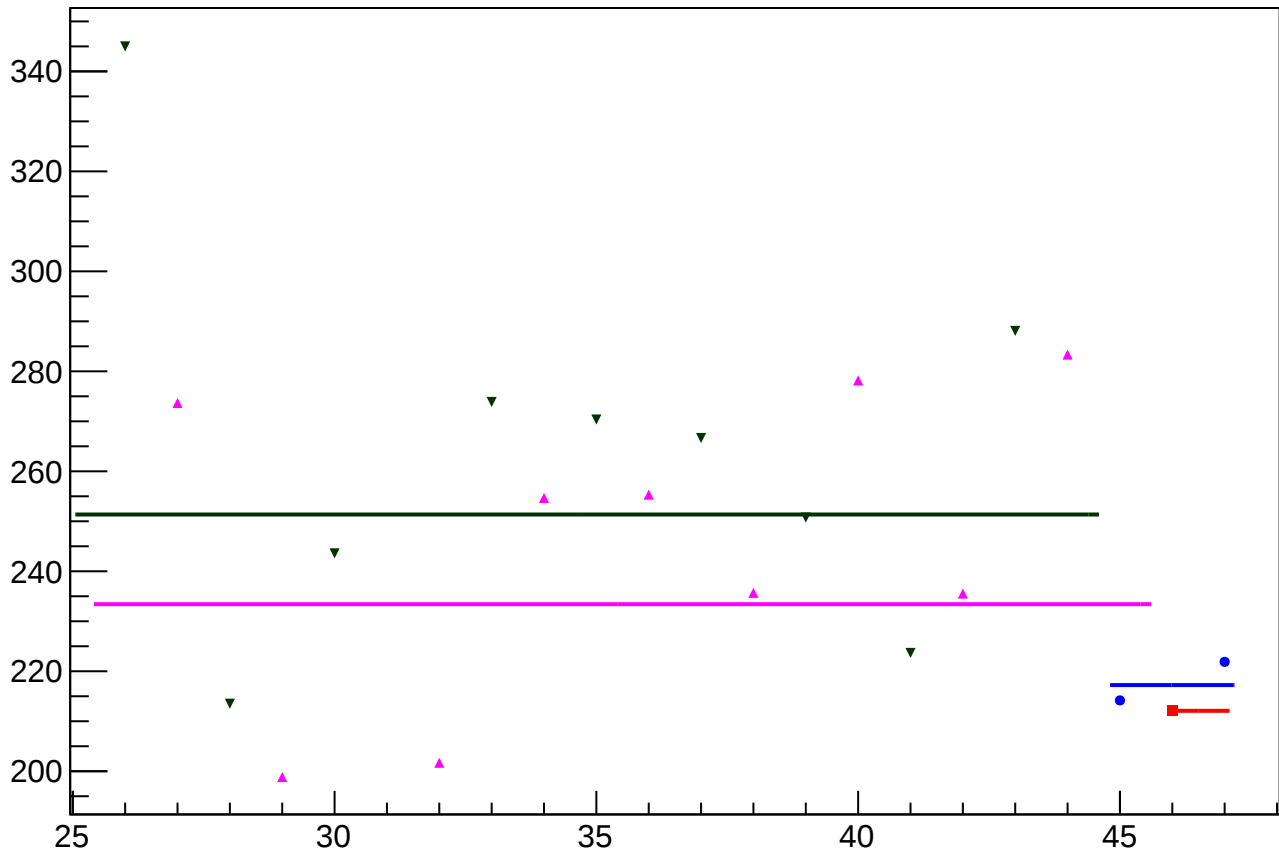
Right Out: -528.841 $\pm$ 325.826 χ^2 /NDF: 0.0/0

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

81.024 $\pm$ 101.518 χ^2 /NDF: 4.4/10

190.027 $\pm$ 95.144 χ^2 /NDF: 18.1/9

asym_us_avg_correction_rms vs slug



Right In: 217.236+/-0.150 χ^2/NDF : 632.0/1

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

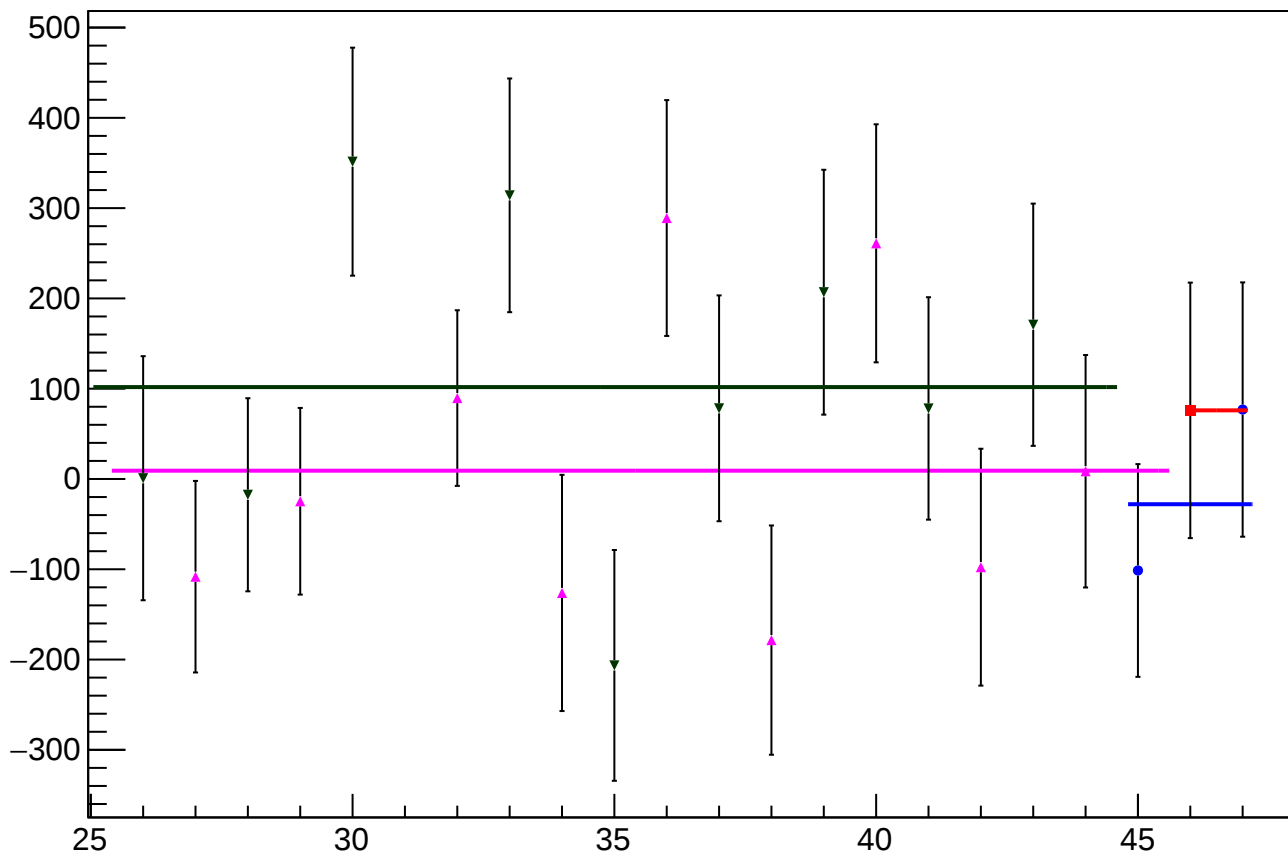
243.560+/-0.072 χ^2/NDF : 208964.5/10

Right Out: 212.087+/-0.230 χ^2/NDF : 0.0/0

231.598+/-0.067 χ^2/NDF : 210581.9/9

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

reg_asym_us_dd_mean vs slug



Right In: -27.955+/-90.368 χ^2/NDF : 0.9/1

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

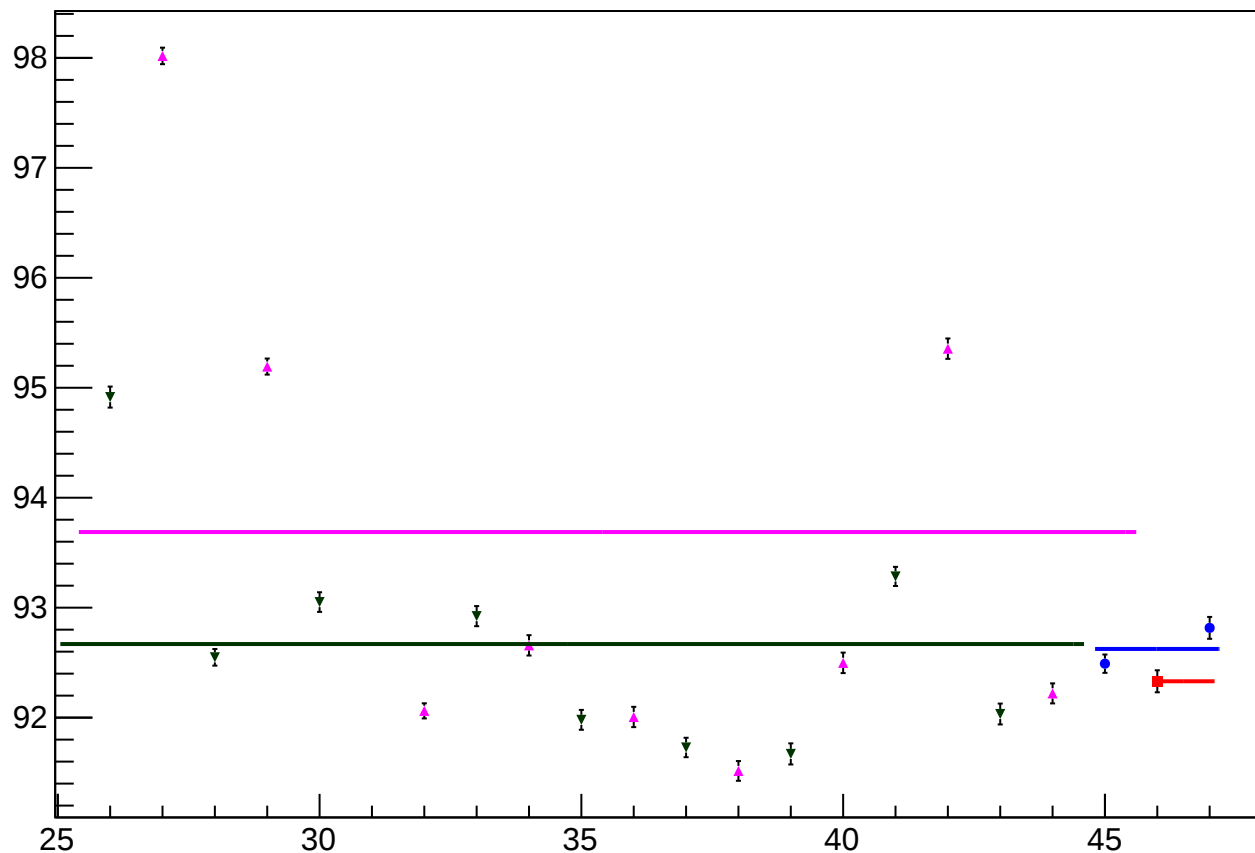
Right Out: 76.006+/-141.489 χ^2/NDF : 0.0/0

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

78.702+/-38.124 χ^2/NDF : 17.8/10

13.997+/-37.983 χ^2/NDF : 14.4/9

reg_asym_us_dd_rms vs slug



Right In: 92.625 $\pm$ 0.064 χ^2 /NDF: 6.3/1

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

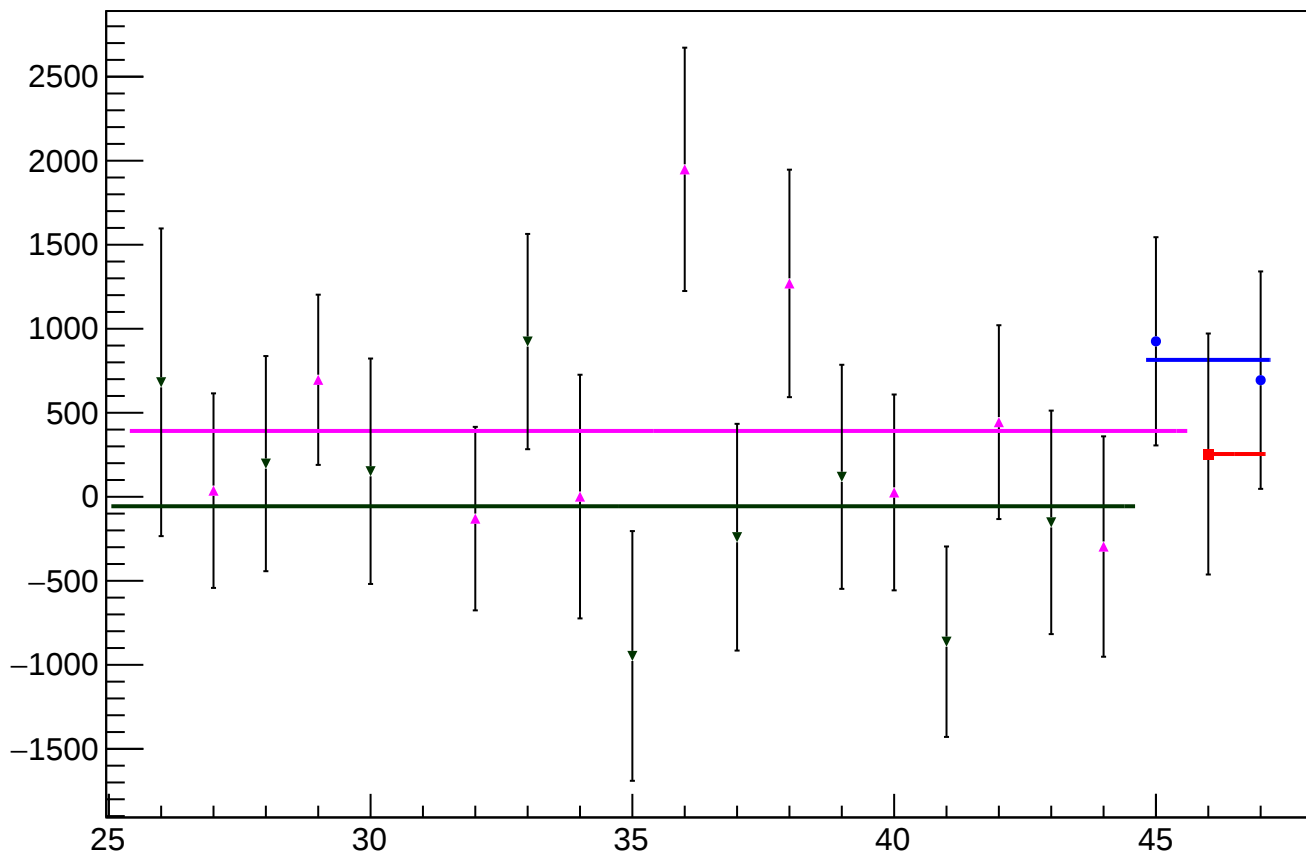
Right Out: 92.331 $\pm$ 0.100 χ^2 /NDF: 0.0/0

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

92.661 $\pm$ 0.027 χ^2 /NDF: 962.2/10

93.590 $\pm$ 0.027 χ^2 /NDF: 6272.9/9

asym_us_dd_correction_mean vs slug



Right In: 814.700 $\pm$ 447.470 χ^2 /NDF: 0.1/1

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

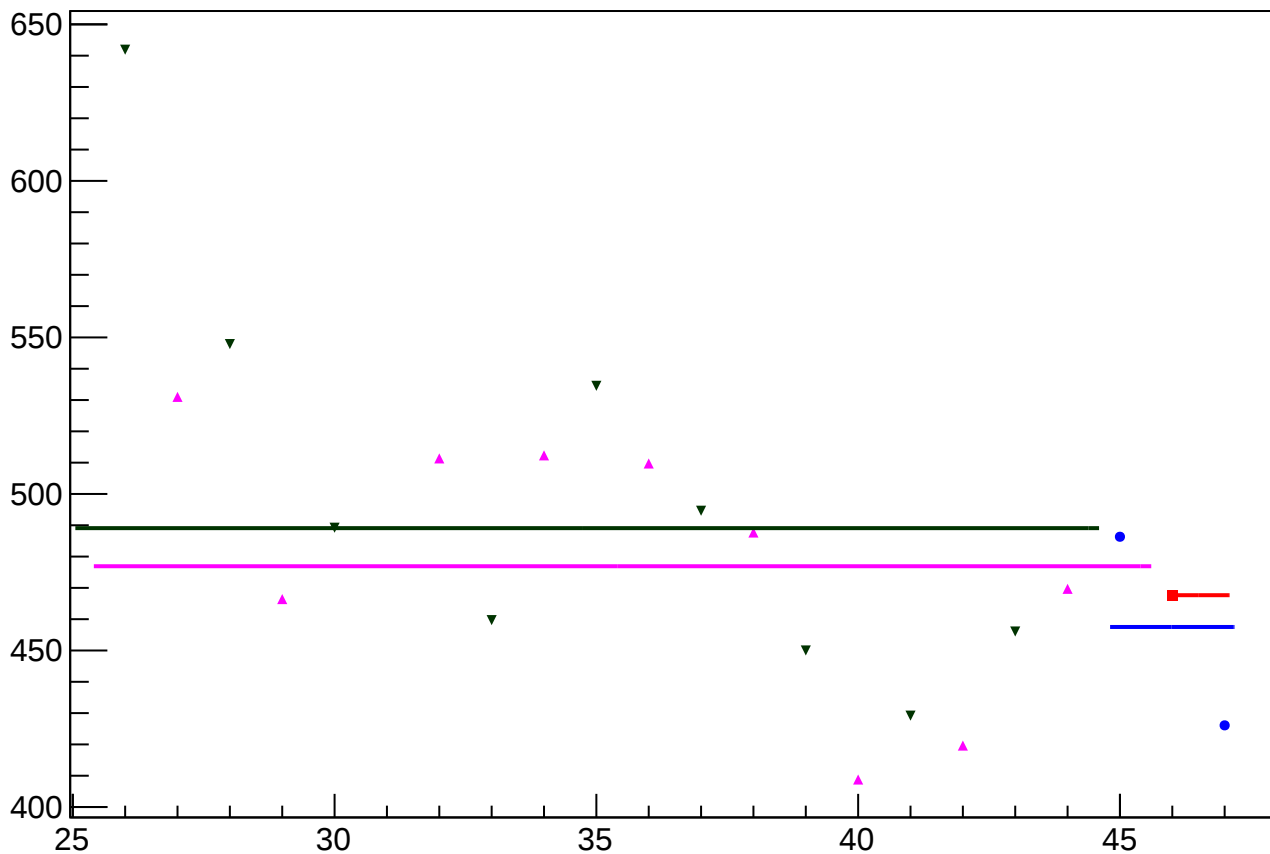
Right Out: 254.593 $\pm$ 717.041 χ^2 /NDF: 0.0/0

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

118.233 $\pm$ 200.314 χ^2 /NDF: 10.0/10

381.755 $\pm$ 194.436 χ^2 /NDF: 9.8/9

asym_us_dd_correction_rms vs slug



Right In: 457.513+/-0.316 χ^2/NDF : 9045.4/1

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

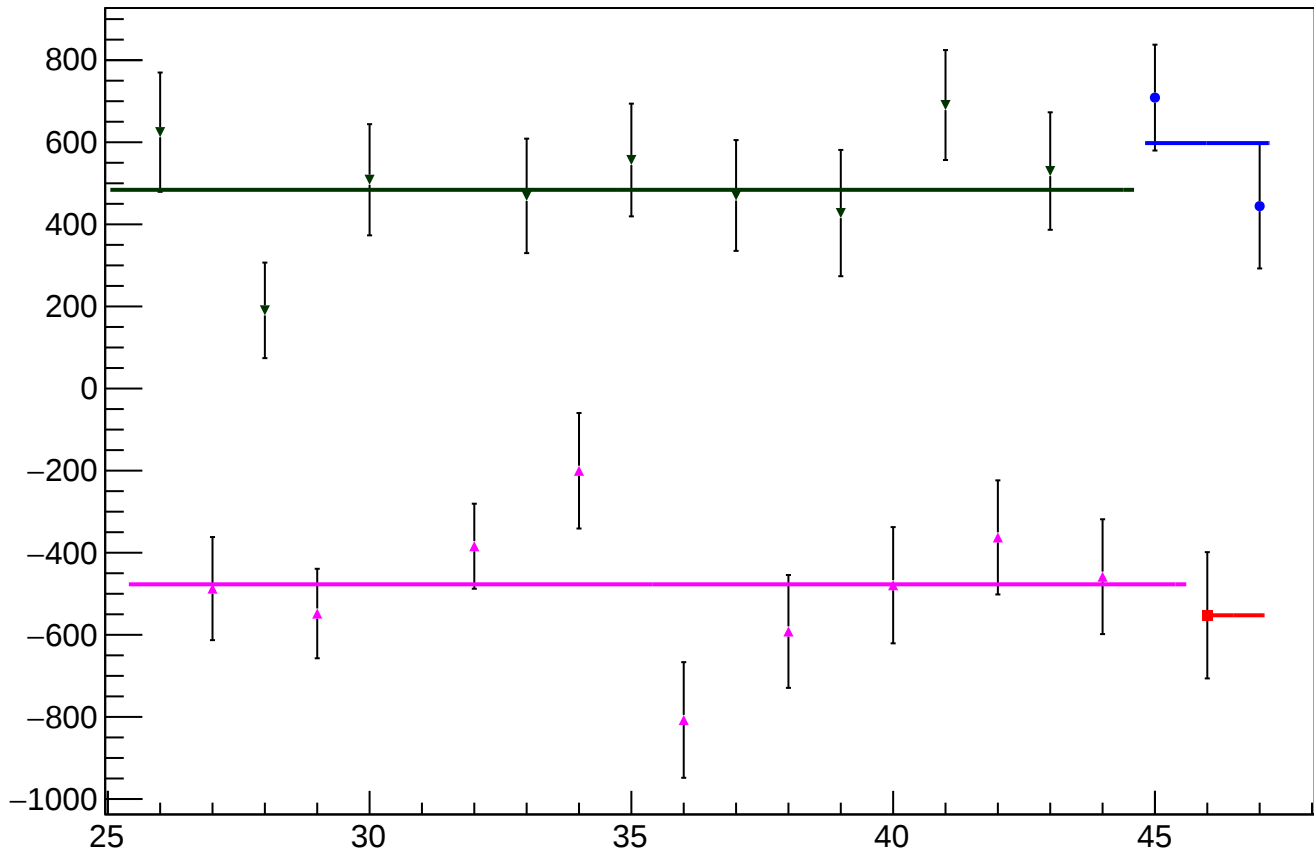
Right Out: 467.664+/-0.507 χ^2/NDF : 0.0/0

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

482.755+/-0.142 χ^2/NDF : 135581.1/10

476.233+/-0.137 χ^2/NDF : 83287.6/9

reg_asym_ds_avg_mean vs slug



Right In: 597.974 $\pm$ 98.279 χ^2/NDF : 1.8/1

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

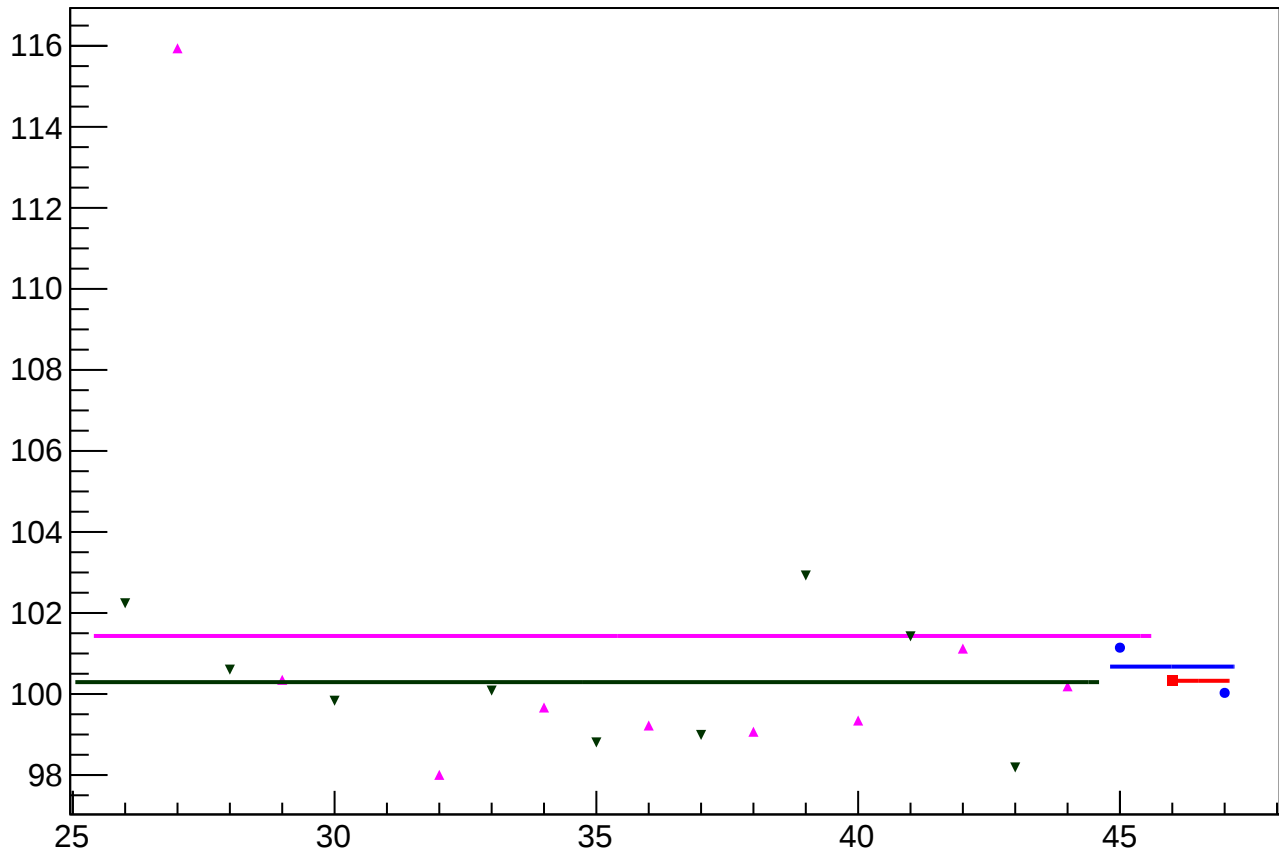
504.252 $\pm$ 41.330 χ^2/NDF : 13.1/10

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: 100.676+/-0.069 χ^2/NDF : 62.8/1

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

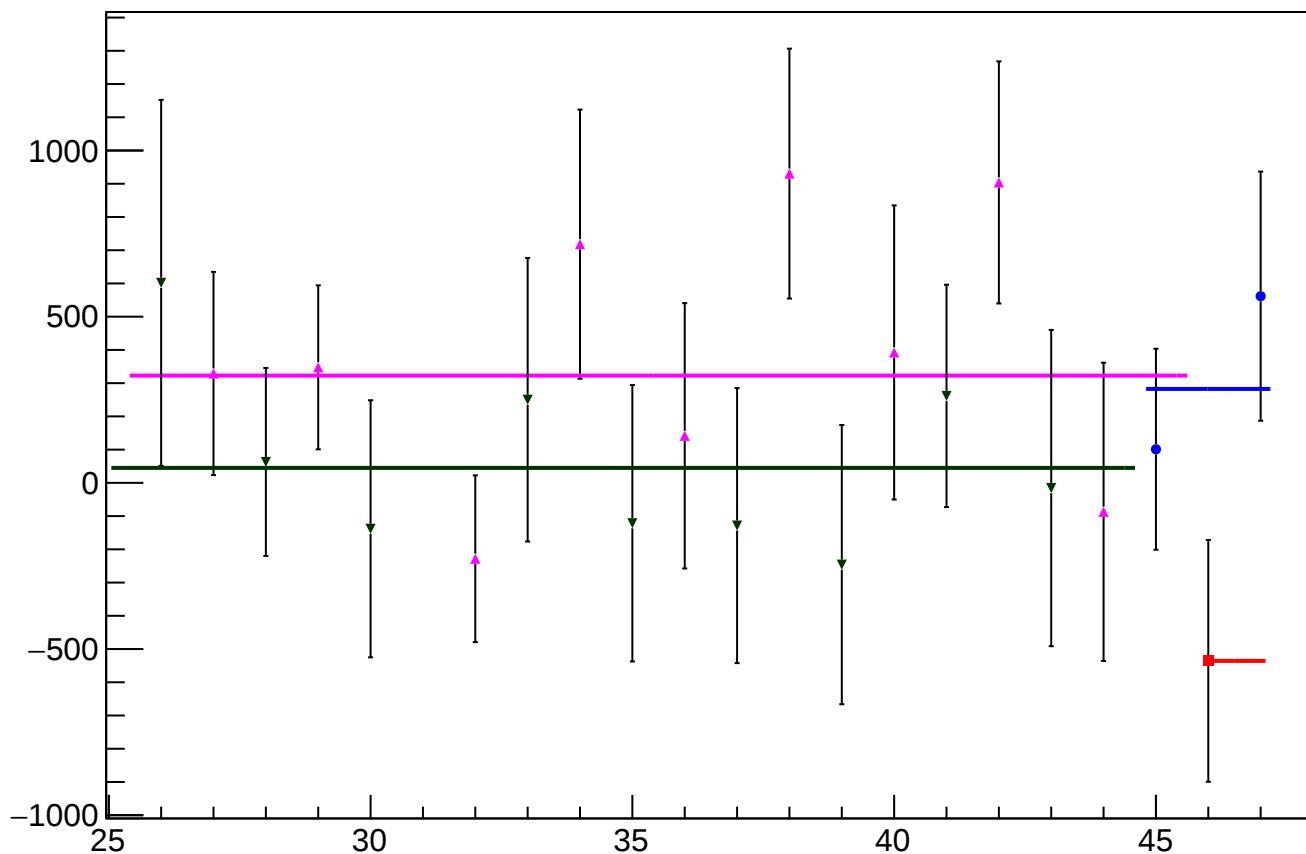
Right Out: 100.326+/-0.109 χ^2/NDF : 0.0/0

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

100.361+/-0.029 χ^2/NDF : 2071.0/10

101.353+/-0.029 χ^2/NDF : 31178.8/9

asym_ds_avg_correction_mean vs slug



Right In: 282.637+/-235.347 χ^2/NDF : 0.9/1

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

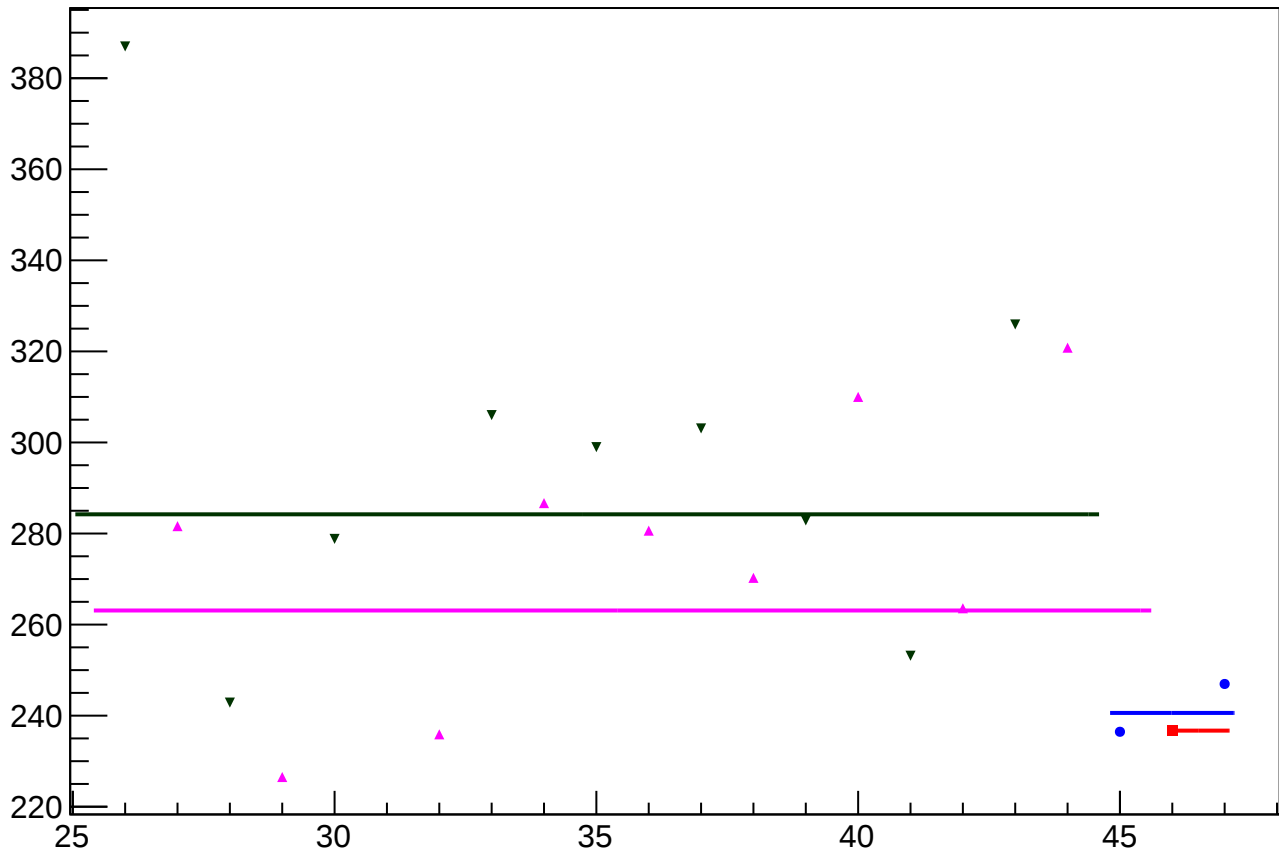
Right Out: -535.686+/-363.782 χ^2/NDF : 0.0/0

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

101.006+/-114.197 χ^2/NDF : 4.4/10

248.750+/-106.821 χ^2/NDF : 17.1/9

asym_ds_avg_correction_rms vs slug



Right In: 240.599 ± 0.166 χ^2/NDF : 950.9/1

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

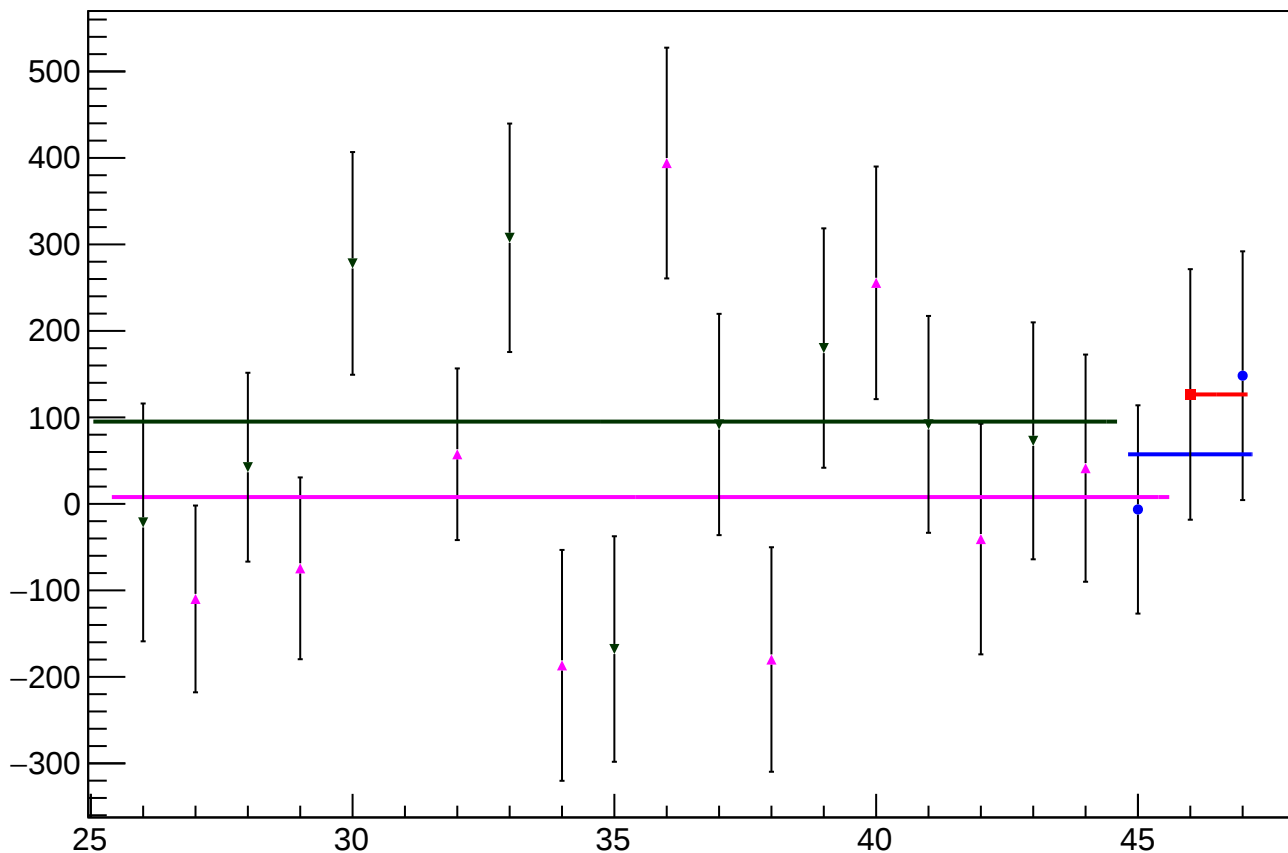
273.948 ± 0.081 χ^2/NDF : 210815.4/10

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: 57.312+/-92.322 χ^2/NDF : 0.7/1

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

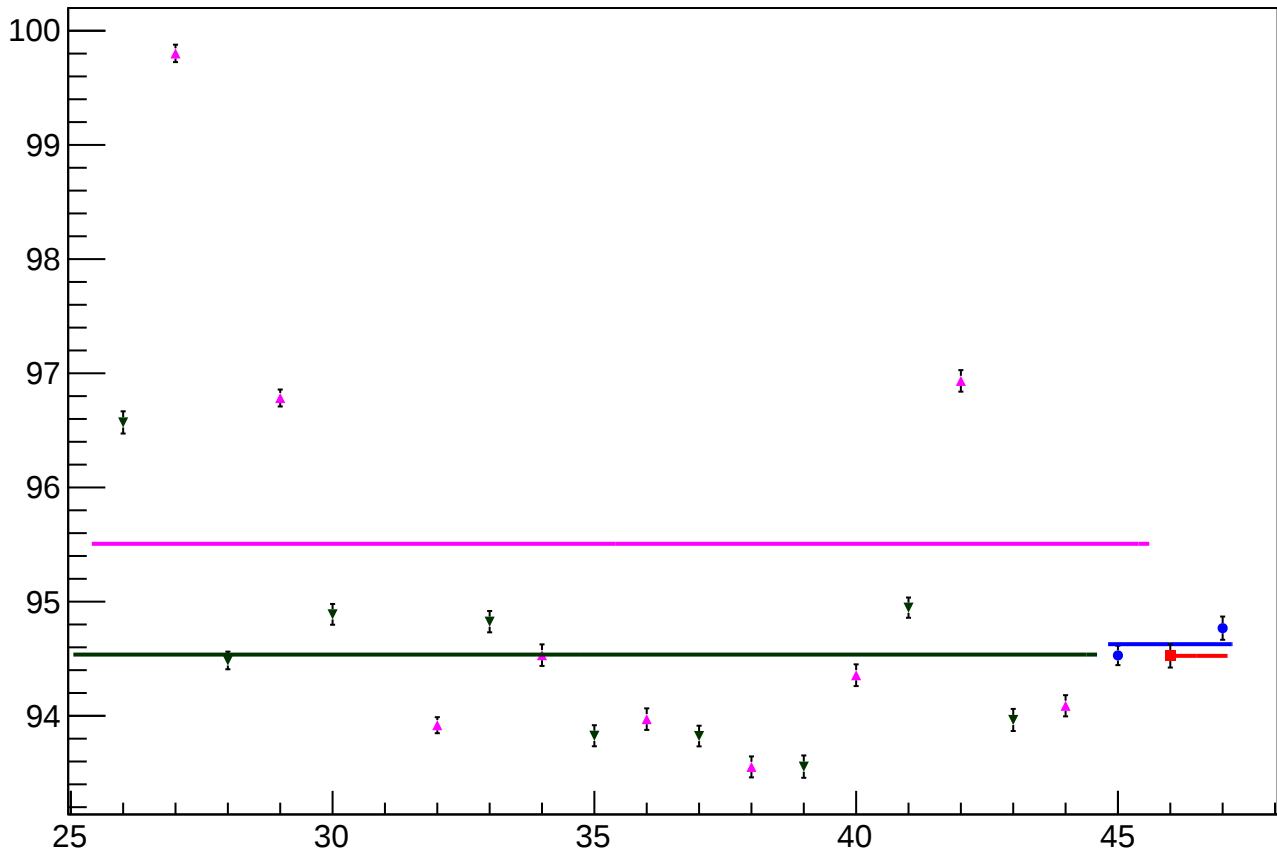
Right Out: 126.542+/-144.851 χ^2/NDF : 0.0/0

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

88.435+/-38.900 χ^2/NDF : 10.8/10

16.374+/-38.728 χ^2/NDF : 18.9/9

reg_asym_ds_dd_rms vs slug



Right In: 94.628 ± 0.065 χ^2/NDF : 3.2/1

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

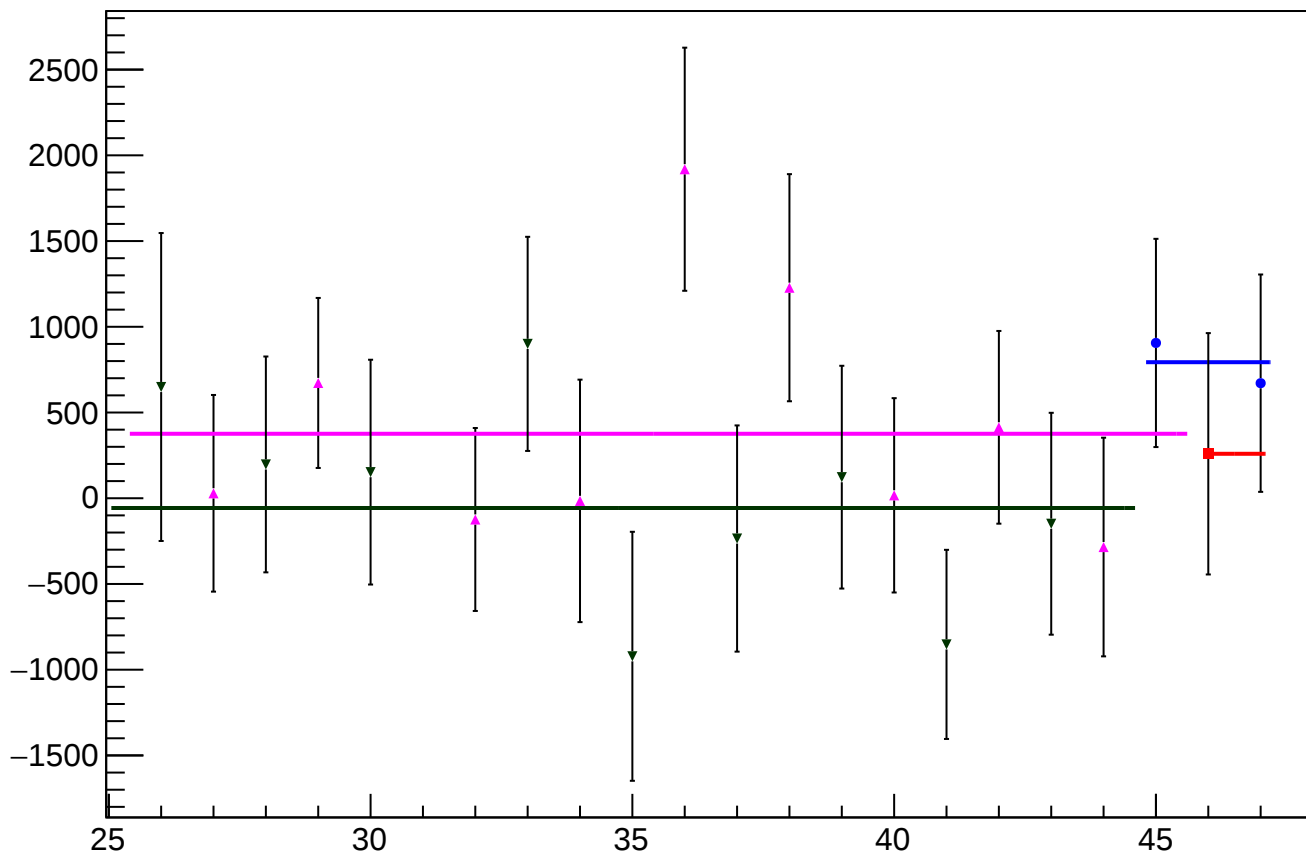
Right Out: 94.525 ± 0.102 χ^2/NDF : 0.0/0

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

94.553 ± 0.028 χ^2/NDF : 745.9/10

95.436 ± 0.027 χ^2/NDF : 5490.9/9

asym_ds_dd_correction_mean vs slug



Right In: 793.465 $\pm$ 438.487 χ^2 /NDF: 0.1/1

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

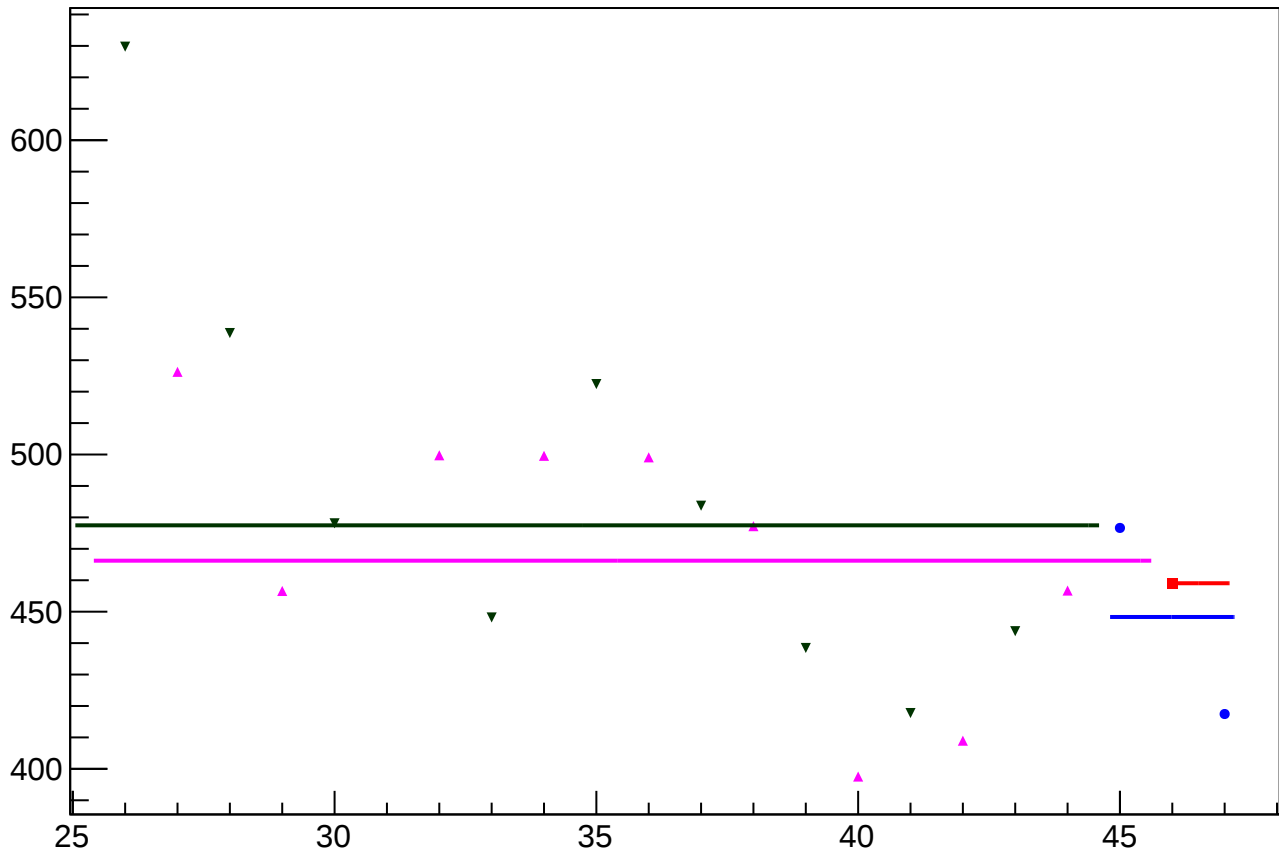
Right Out: 259.252 $\pm$ 703.851 χ^2 /NDF: 0.0/0

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

112.580 $\pm$ 195.757 χ^2 /NDF: 10.0/10

367.487 $\pm$ 190.184 χ^2 /NDF: 9.8/9

asym_ds_dd_correction_rms vs slug



Right In: 448.314+/-0.310 χ^2/NDF : 9098.6/1

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

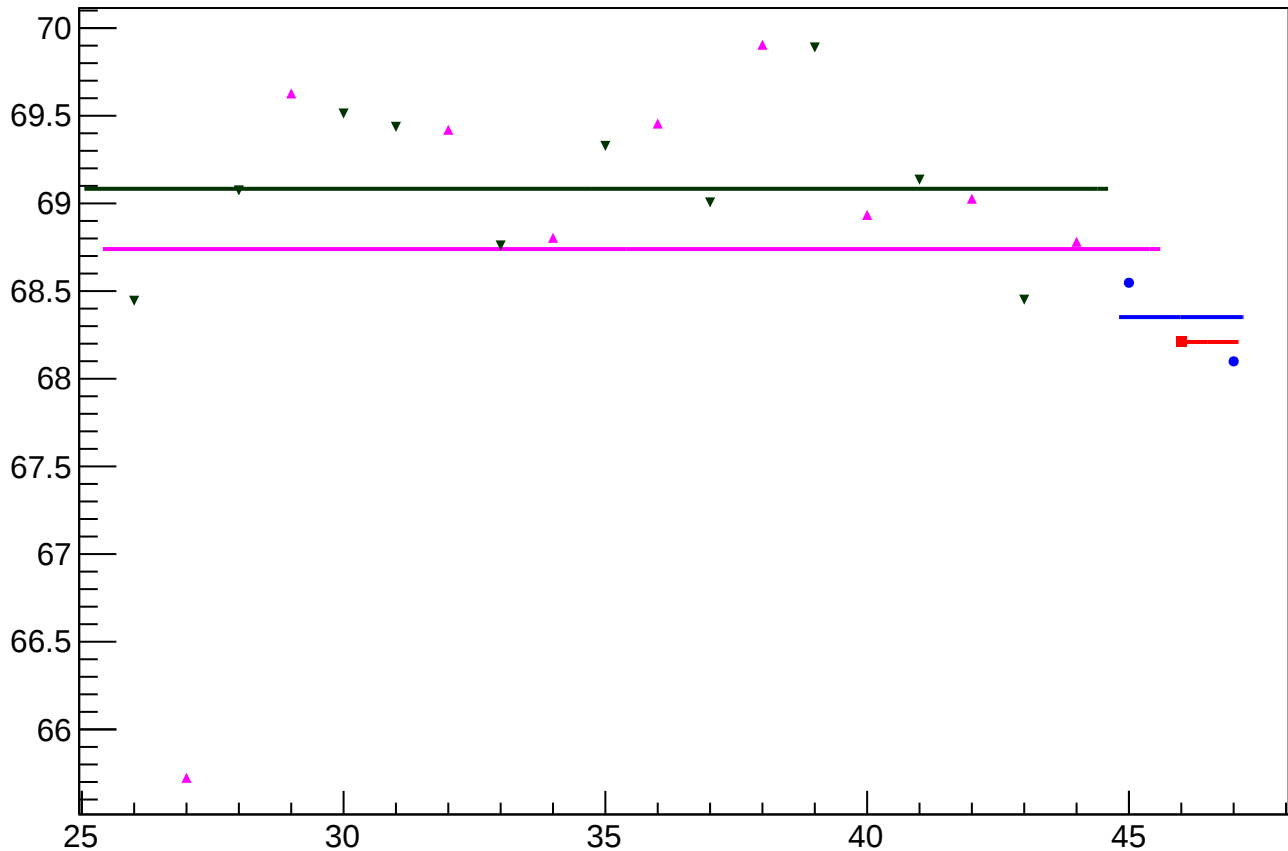
Right Out: 459.047+/-0.498 χ^2/NDF : 0.0/0

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

471.659+/-0.138 χ^2/NDF : 140909.2/10

465.700+/-0.134 χ^2/NDF : 90681.8/9

yield_bcm_an_ds_mean vs slug



Right In: 68.352 $\pm$ 0.000 χ^2 /NDF: 1204729.0/1

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

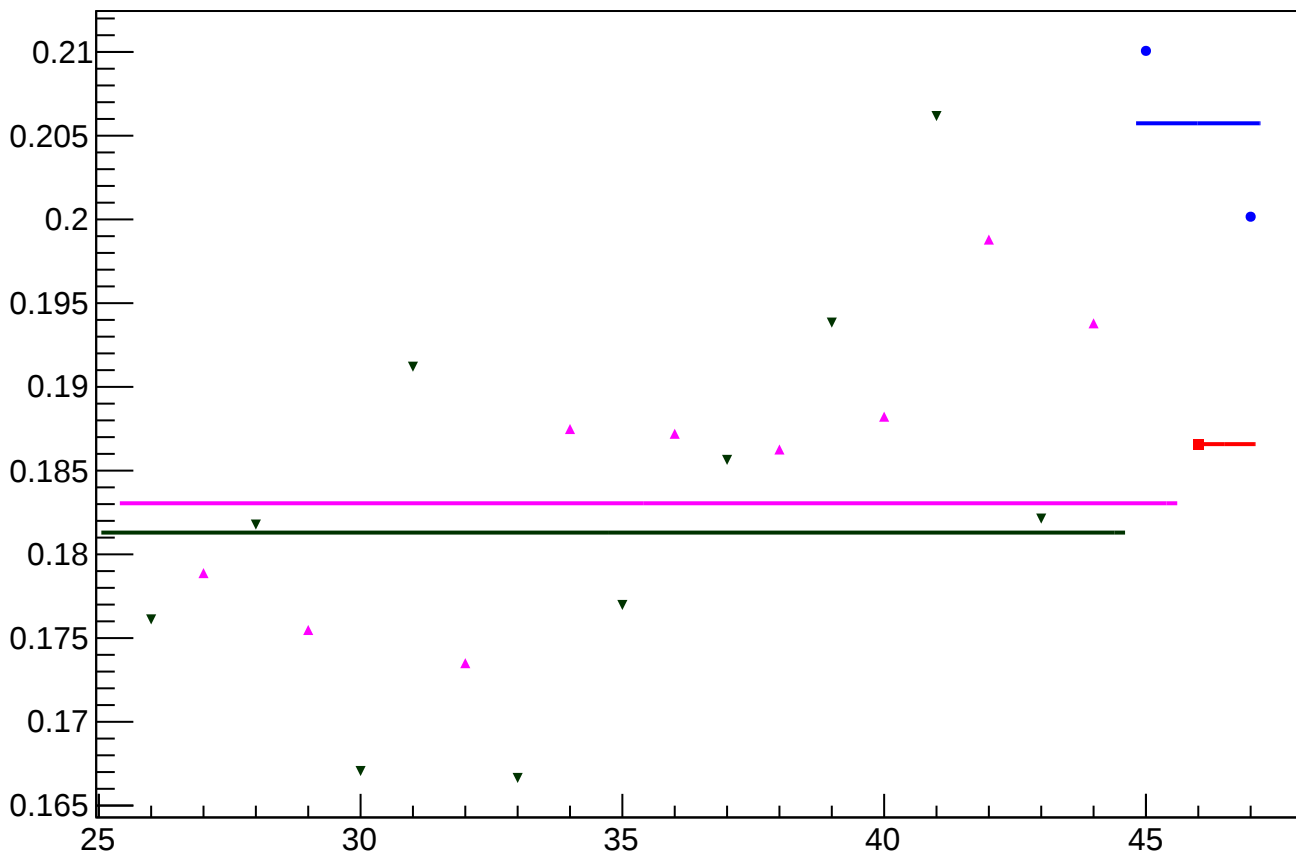
Right Out: 68.210 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

68.982 $\pm$ 0.000 χ^2 /NDF: 39457491.9/11

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

yield_bcm_an_ds_rms vs slug



Right In: 0.206 $\pm$ 0.000 χ^2 /NDF: 1175.8/1

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

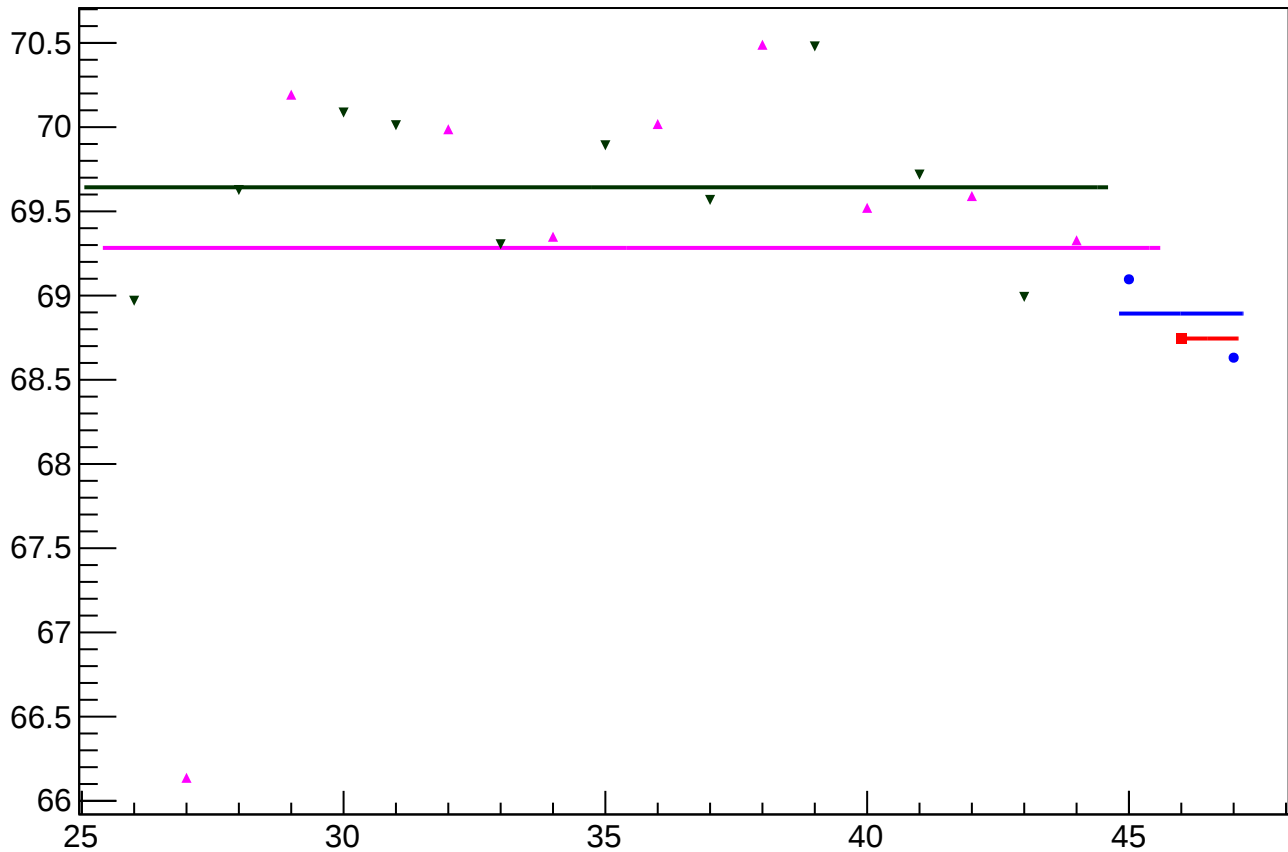
Right Out: 0.187 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.185 $\pm$ 0.000 χ^2 /NDF: 65196.9/11

0.183 $\pm$ 0.000 χ^2 /NDF: 20791.7/9

yield_bcm_an_ds3_mean vs slug



Right In: 68.893 ± 0.000 χ^2/NDF : 1238593.0/1

Left Out: 69.643 ± 0.000 χ^2/NDF : 27921804.9/9

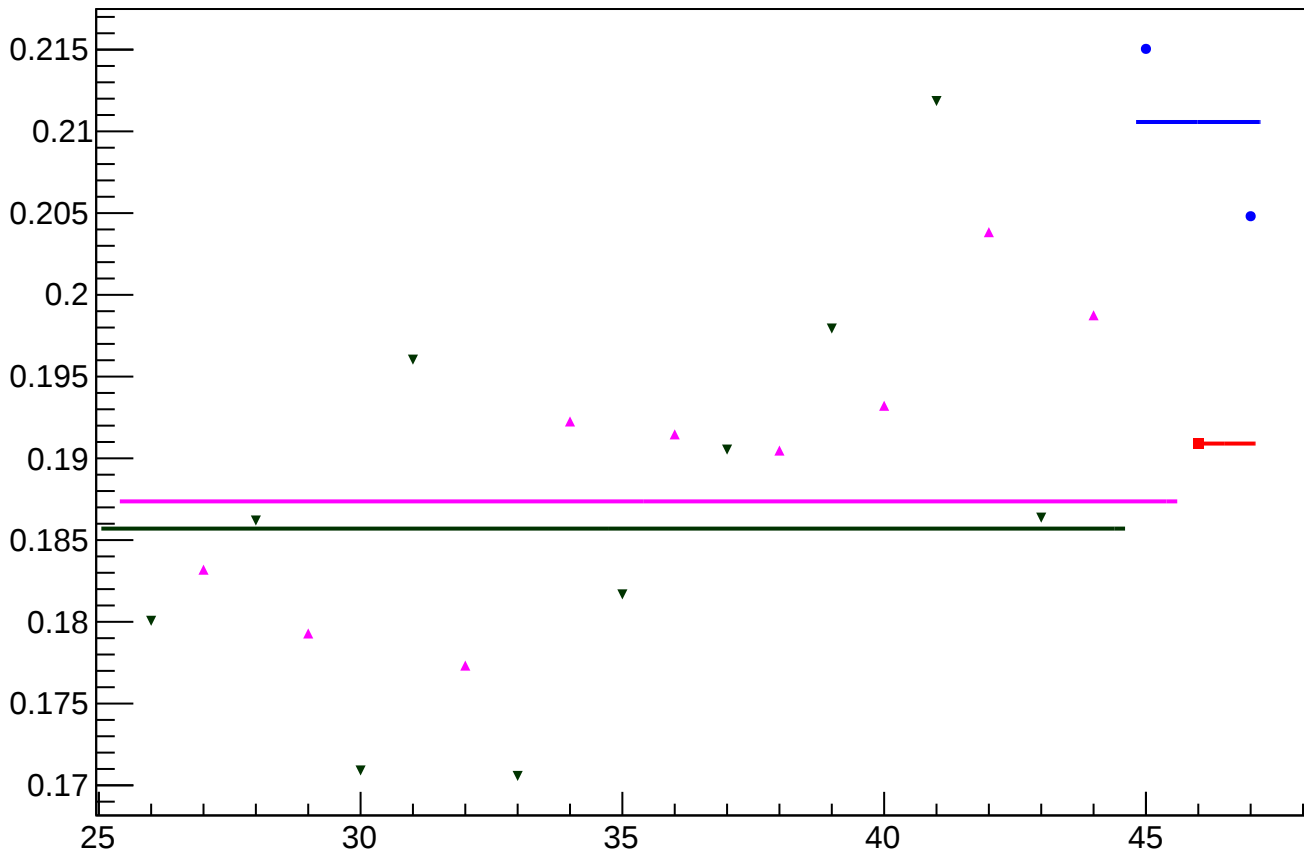
Right Out: 68.745 ± 0.000 χ^2/NDF : 0.0/0

Left In: 69.283 ± 0.000 χ^2/NDF : 304584553.9/8

69.539 ± 0.000 χ^2/NDF : 40425748.1/11

69.247 ± 0.000 χ^2/NDF : 307586452.2/9

yield_bcm_an_ds3_rms vs slug



Right In: 0.211+/-0.000 χ^2/NDF : 1199.3/1

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

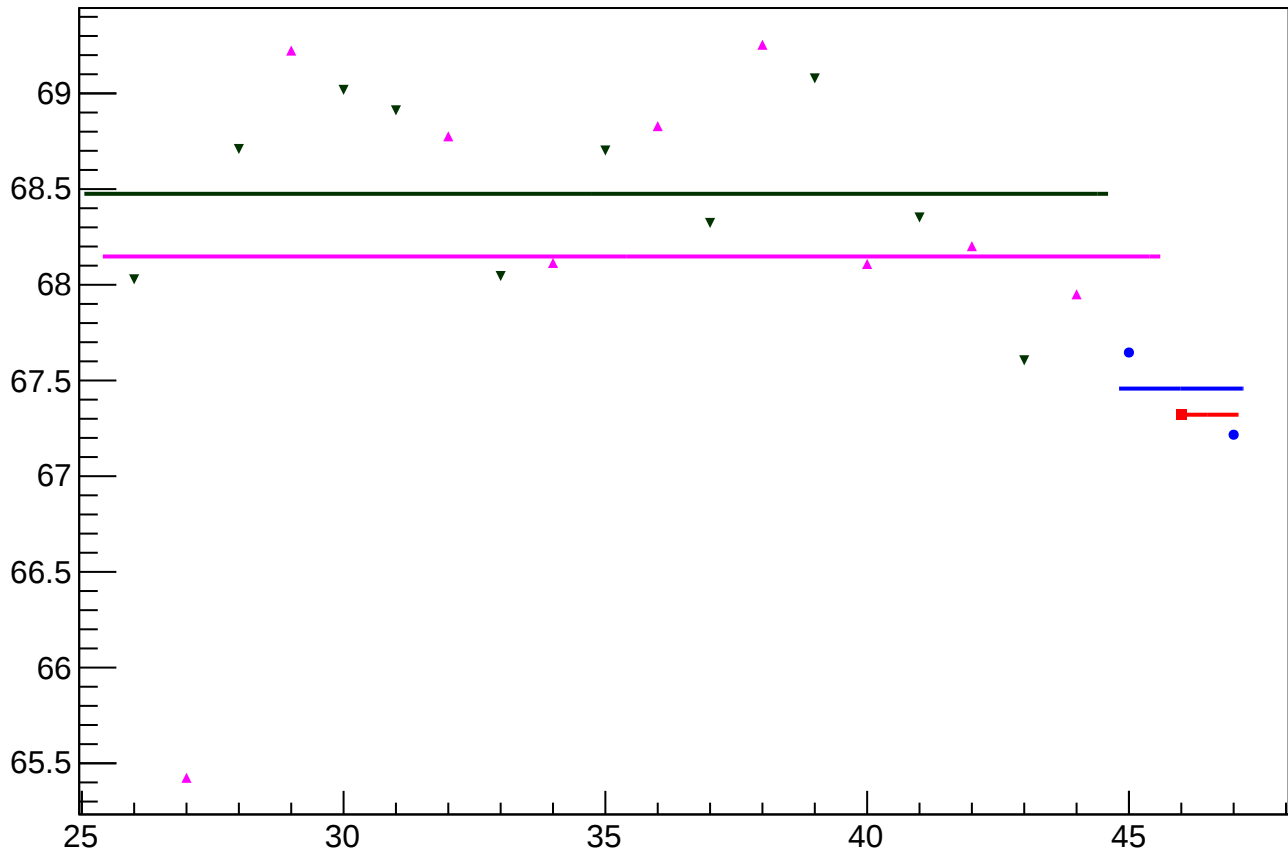
0.189+/-0.000 χ^2/NDF : 65893.1/11

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: 67.458+/-0.000 χ^2/NDF : 1143454.1/1

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

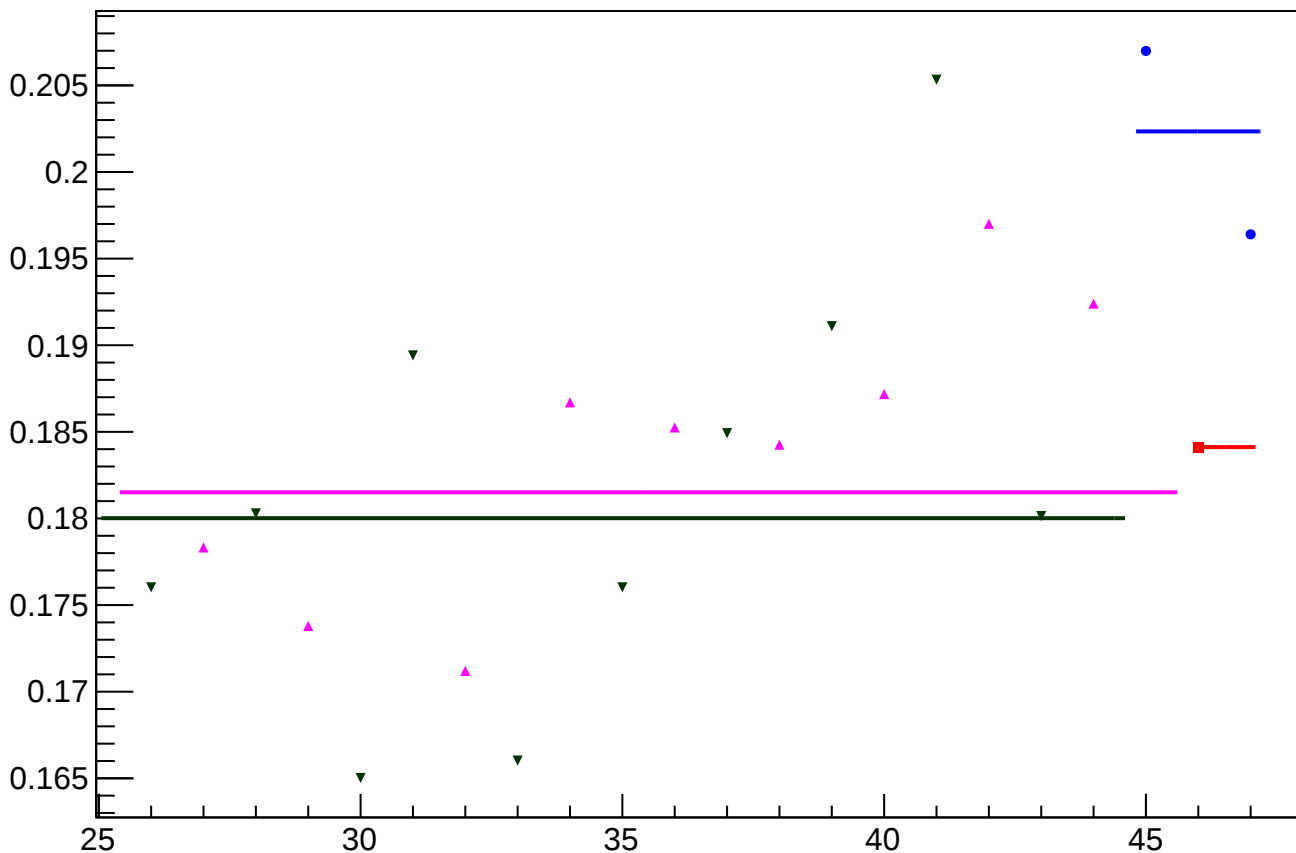
Right Out: 67.321+/-0.000 χ^2/NDF : 0.0/0

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

68.332+/-0.000 χ^2/NDF : 54963128.5/11

68.092+/-0.000 χ^2/NDF : 265757251.7/9

yield_bcm_an_us_rms vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 1390.5/1

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

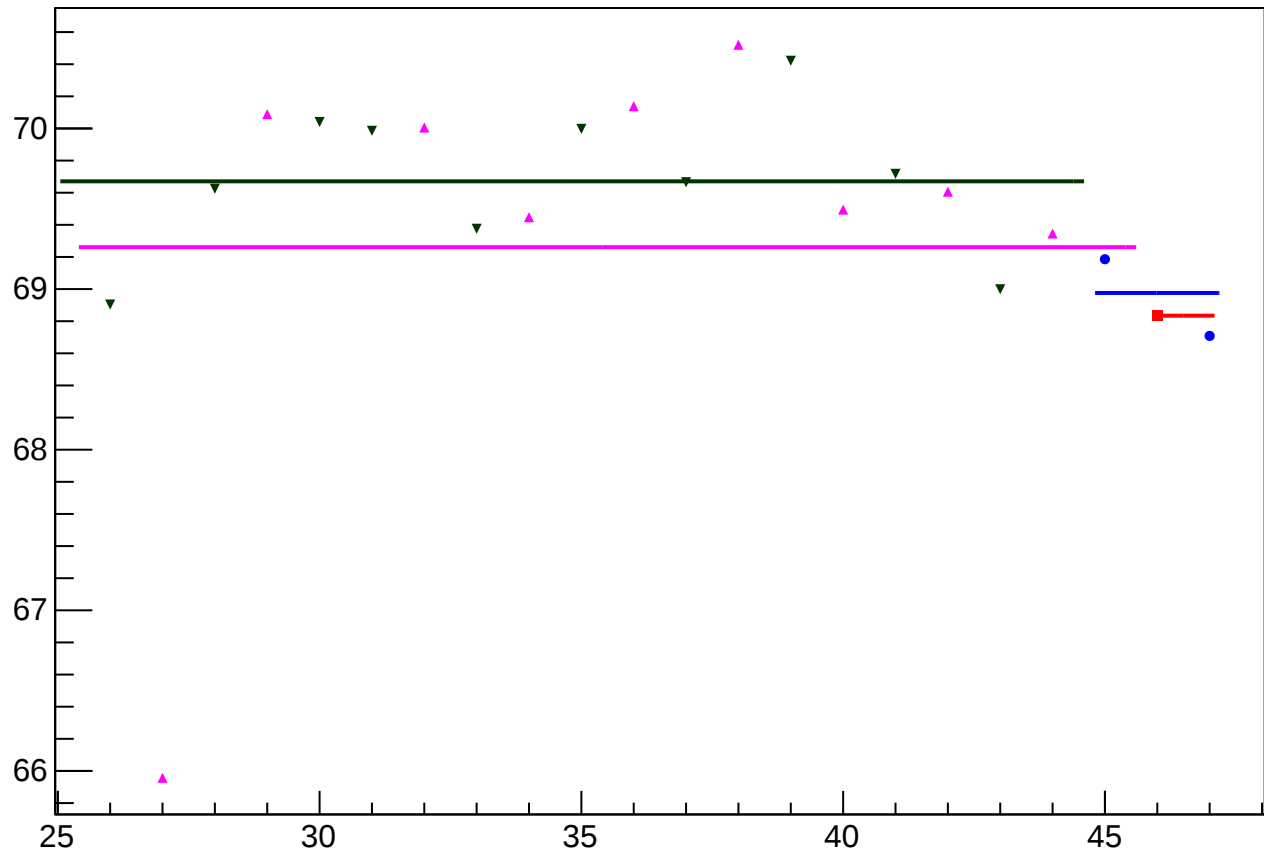
Right Out: 0.184 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.183 $\pm$ 0.000 χ^2 /NDF: 61865.4/11

0.182 $\pm$ 0.000 χ^2 /NDF: 21770.3/9

yield_bcm_dg_us_mean vs slug



Right In: 68.976 ± 0.000 χ^2/NDF : 1187277.4/1

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

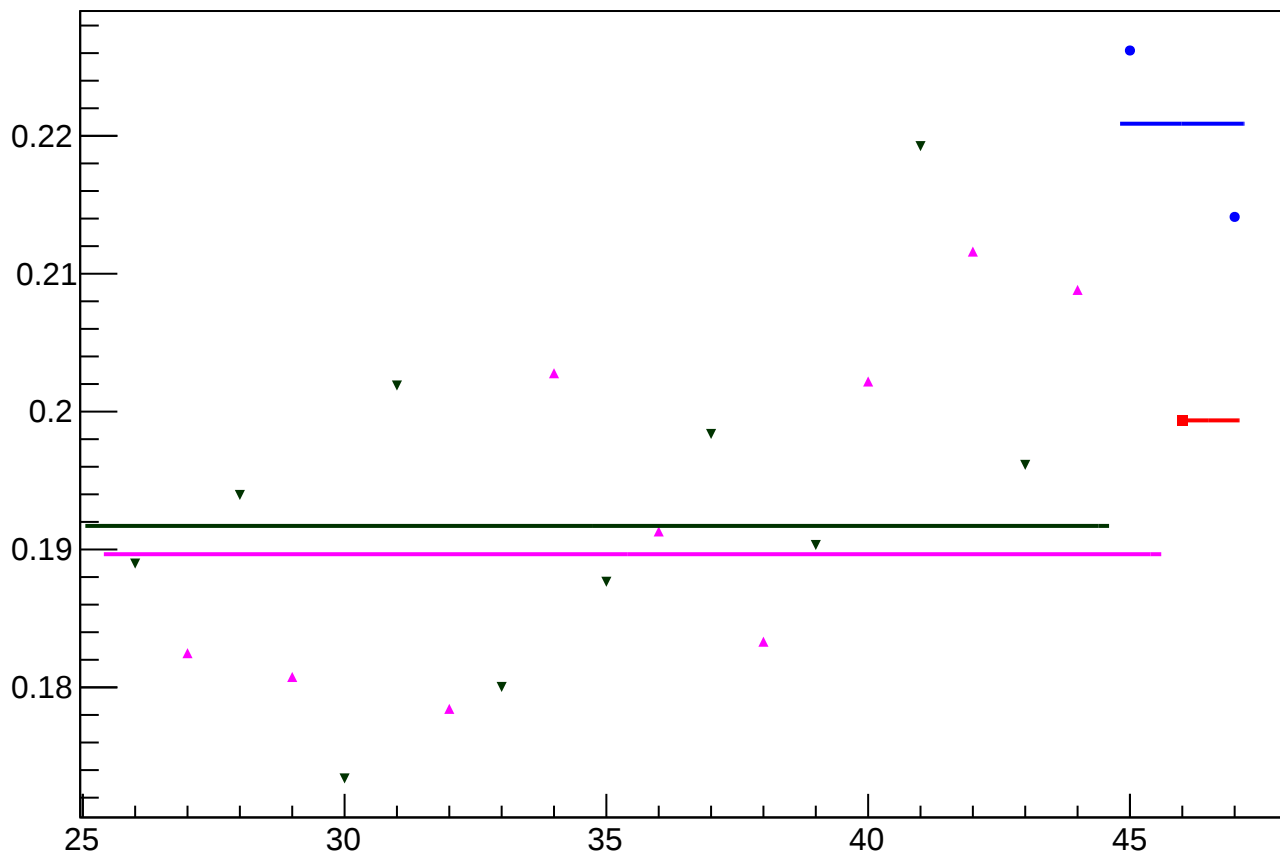
Right Out: 68.834 ± 0.000 χ^2/NDF : 0.0/0

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

69.577 ± 0.000 χ^2/NDF : 36266488.2/11

69.234 ± 0.000 χ^2/NDF : 335839342.6/9

yield_bcm_dg_us_rms vs slug



Right In: 0.221+/-0.000 χ^2/NDF : 1517.0/1

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

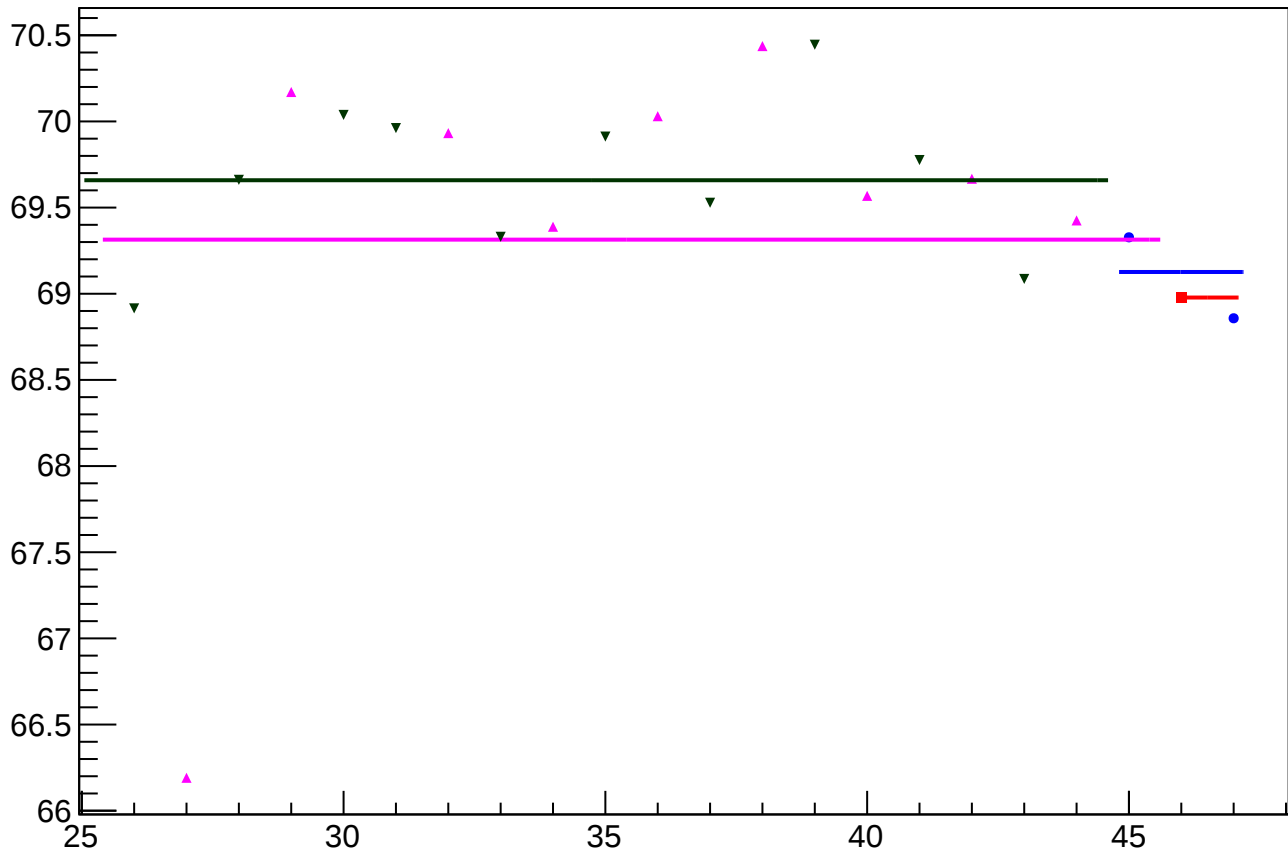
Right Out: 0.199+/-0.000 χ^2/NDF : 0.0/0

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

0.196+/-0.000 χ^2/NDF : 70253.8/11

0.190+/-0.000 χ^2/NDF : 43362.2/9

yield_bcm_dg_ds_mean vs slug



Right In: 69.126+/-0.000 χ^2/NDF : 1222740.2/1

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

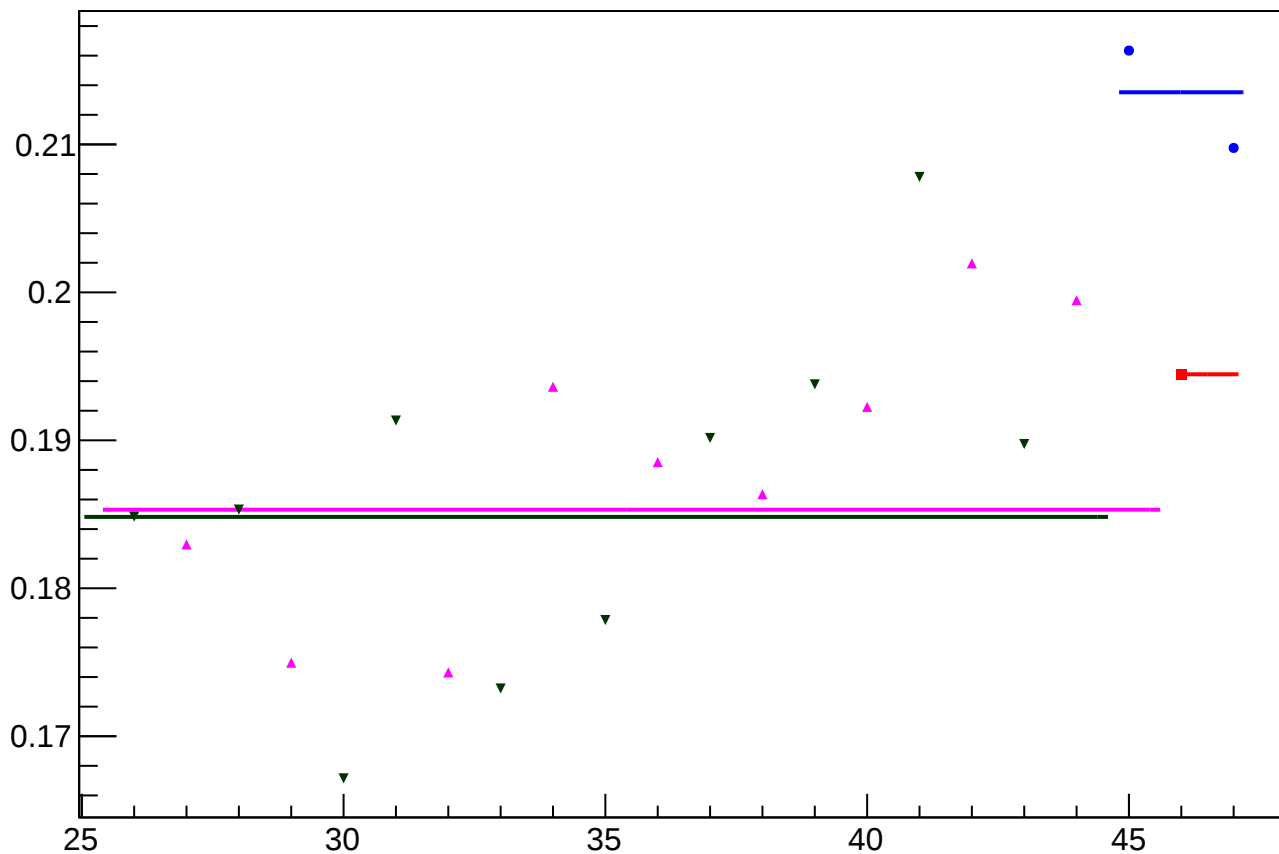
Right Out: 68.978+/-0.000 χ^2/NDF : 0.0/0

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

69.588+/-0.000 χ^2/NDF : 32717432.9/11

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

yield_bcm_dg_ds_rms vs slug



Right In: 0.214+/-0.000 χ^2/NDF : 479.7/1

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

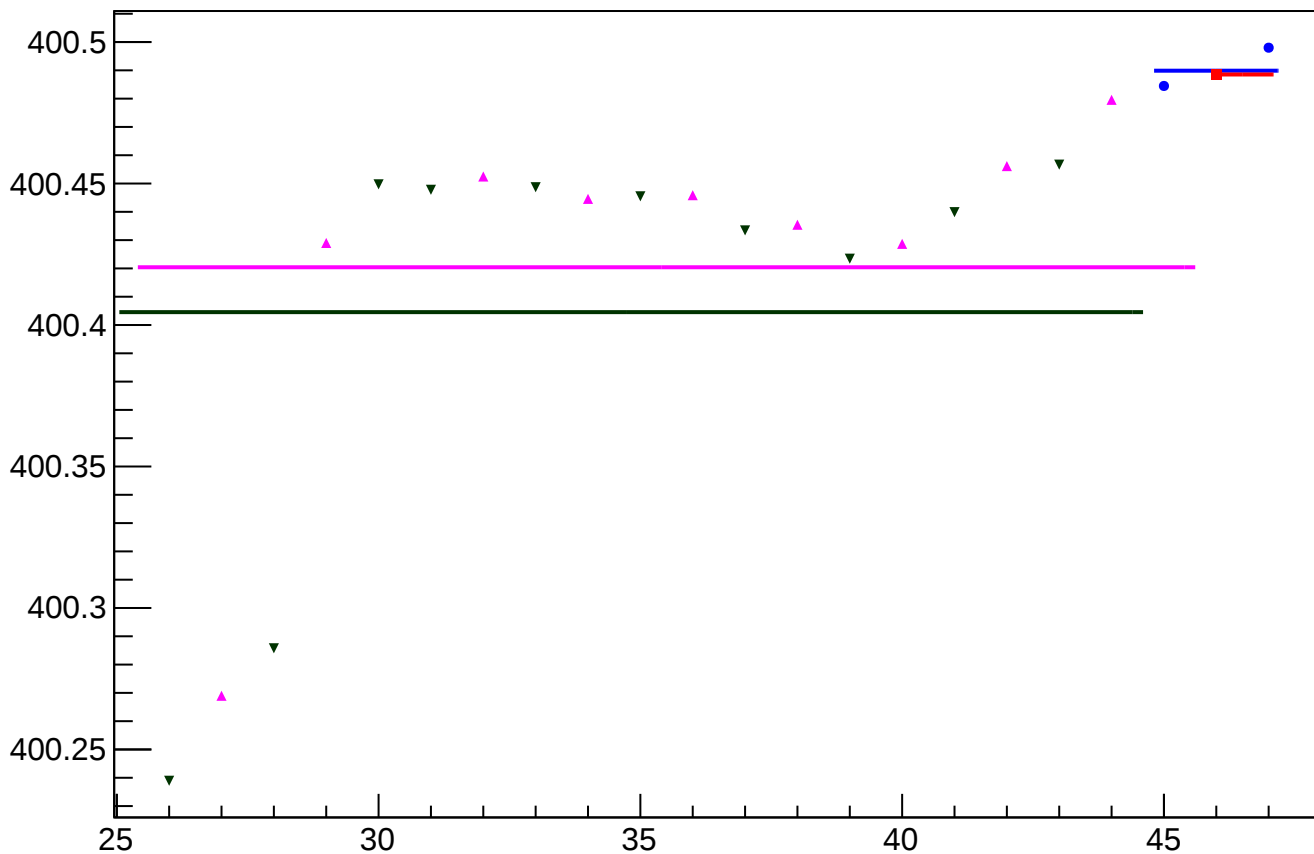
Right Out: 0.194+/-0.000 χ^2/NDF : 0.0/0

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

0.189+/-0.000 χ^2/NDF : 68003.6/11

0.186+/-0.000 χ^2/NDF : 29681.2/9

yield_cav4bQ_mean vs slug



Right In: 400.490+/-0.000 χ^2/NDF : 1009451.4/1

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

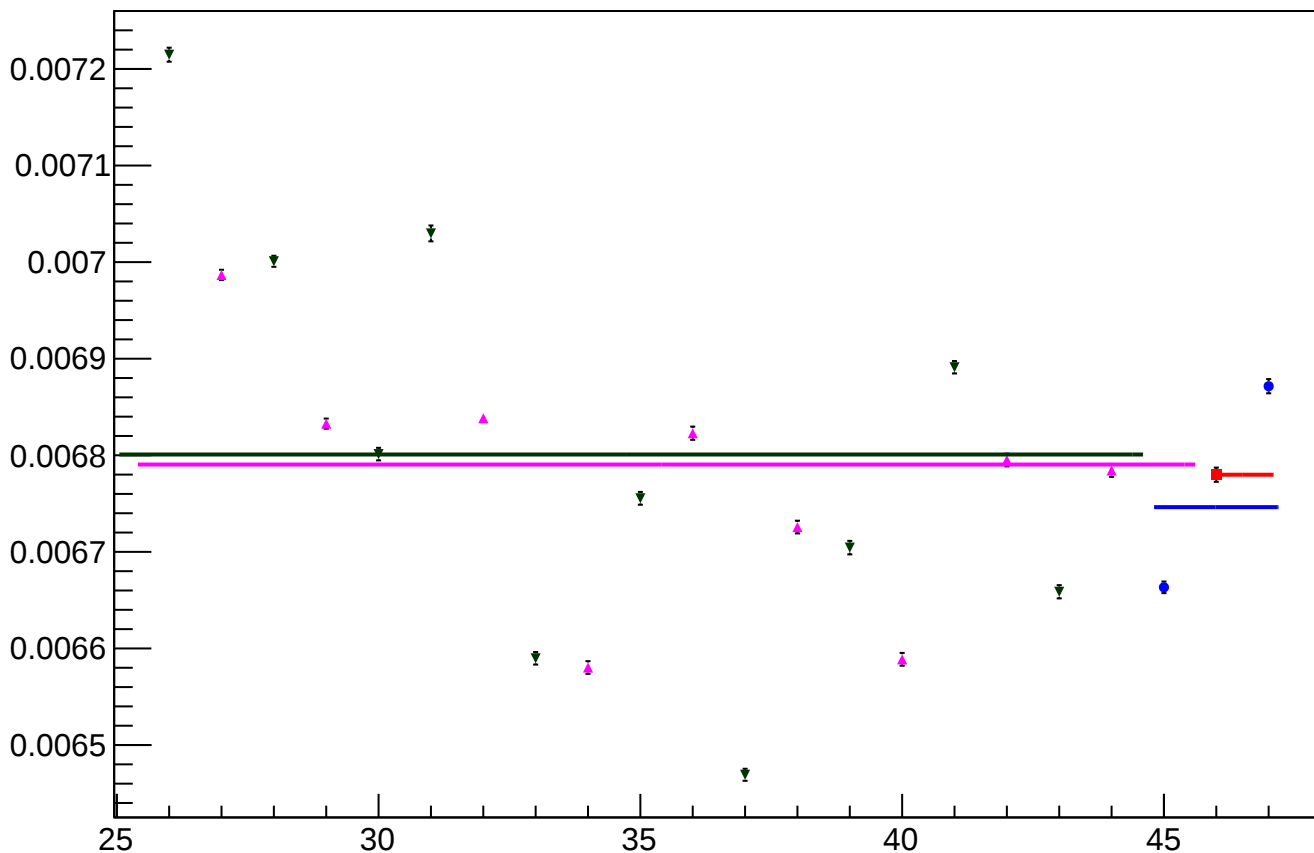
400.419+/-0.000 χ^2/NDF : 753205176.7/11

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+/-0.000 χ^2/NDF : 479.2/1

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

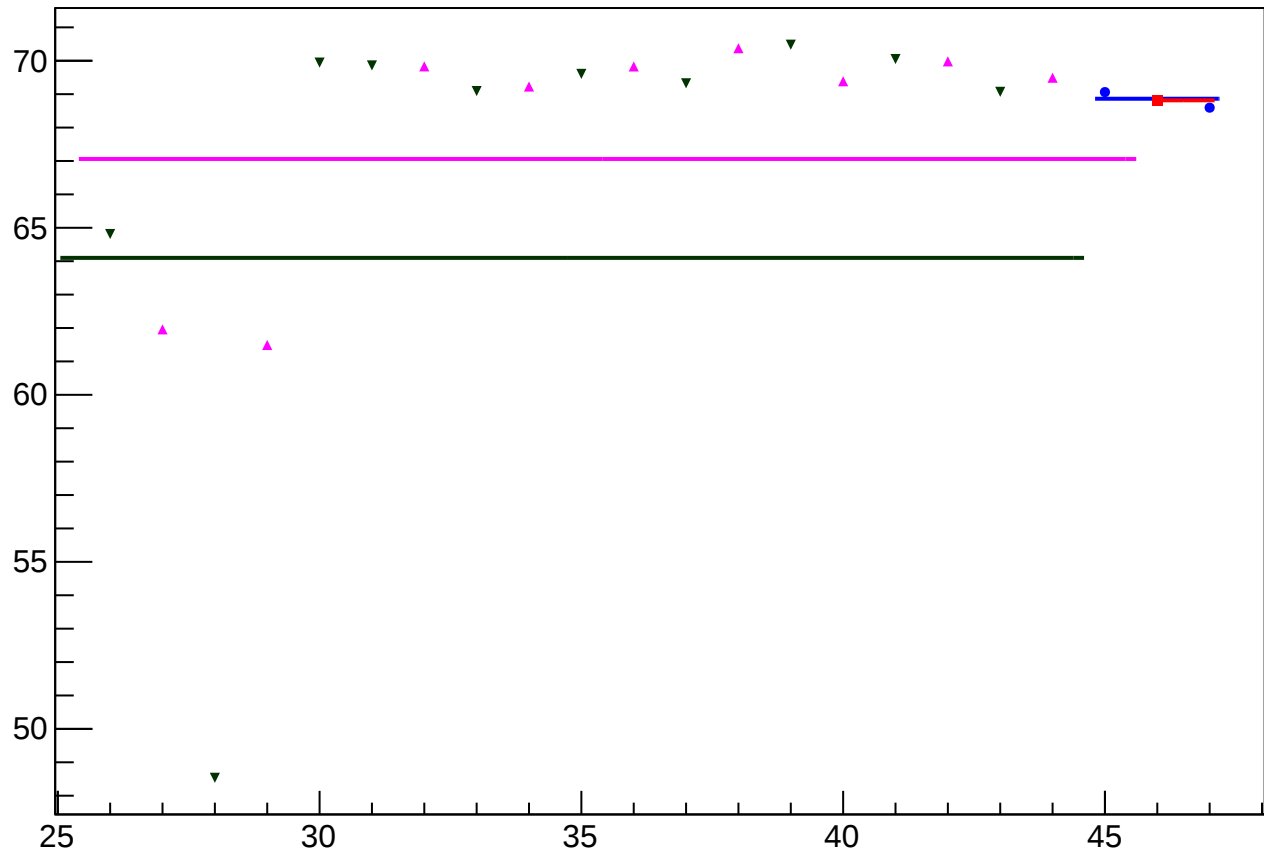
Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 10577.3/11

0.007+/-0.000 χ^2/NDF : 3570.9/9

yield_cav4cQ_mean vs slug



Right In: 68.863+/-0.000 χ^2/NDF : 804741.4/1

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

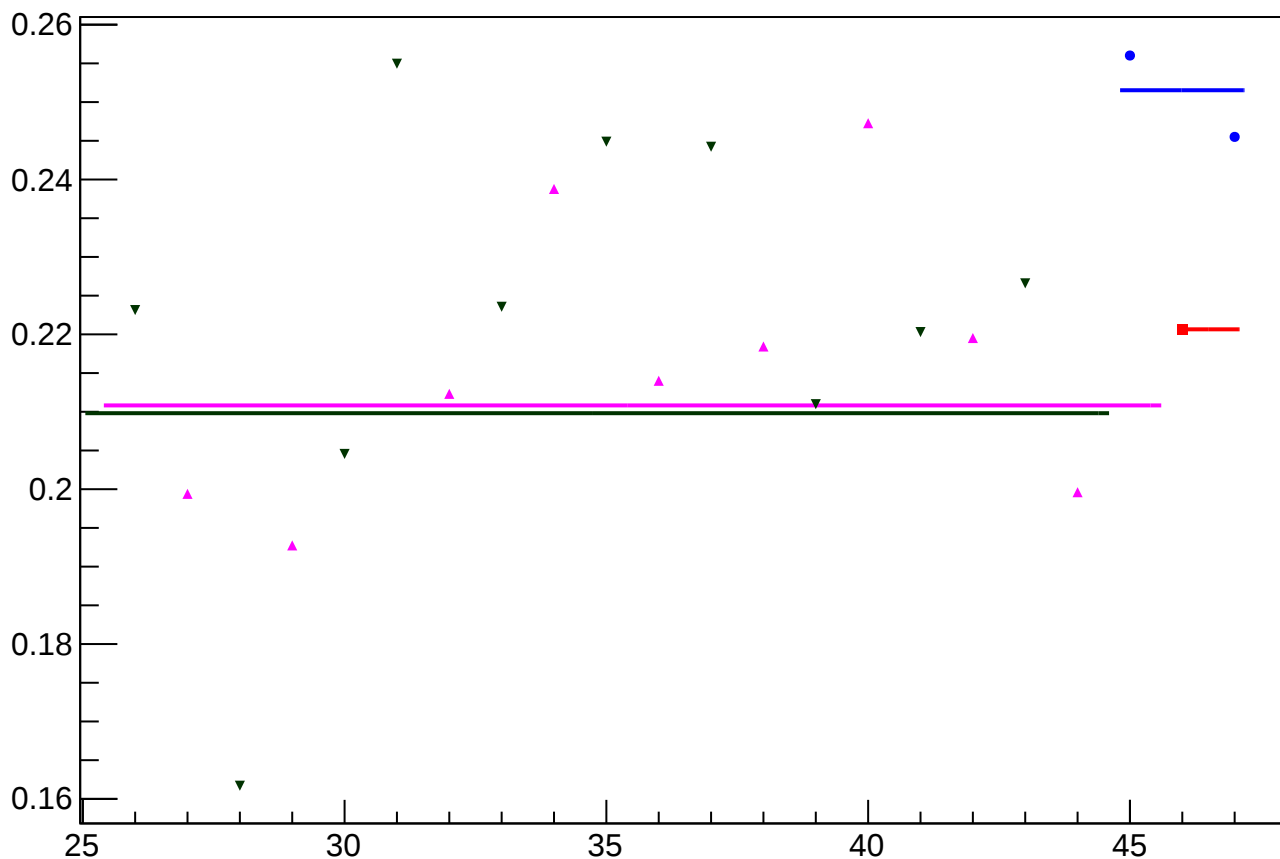
Right Out: 68.816+/-0.000 χ^2/NDF : 0.0/0

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

64.697+/-0.000 χ^2/NDF : 8816853313.2/11

67.175+/-0.000 χ^2/NDF : 1676024350.9/9

yield_cav4cQ_rms vs slug



Right In: 0.252+/-0.000 χ^2/NDF : 817.0/1

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

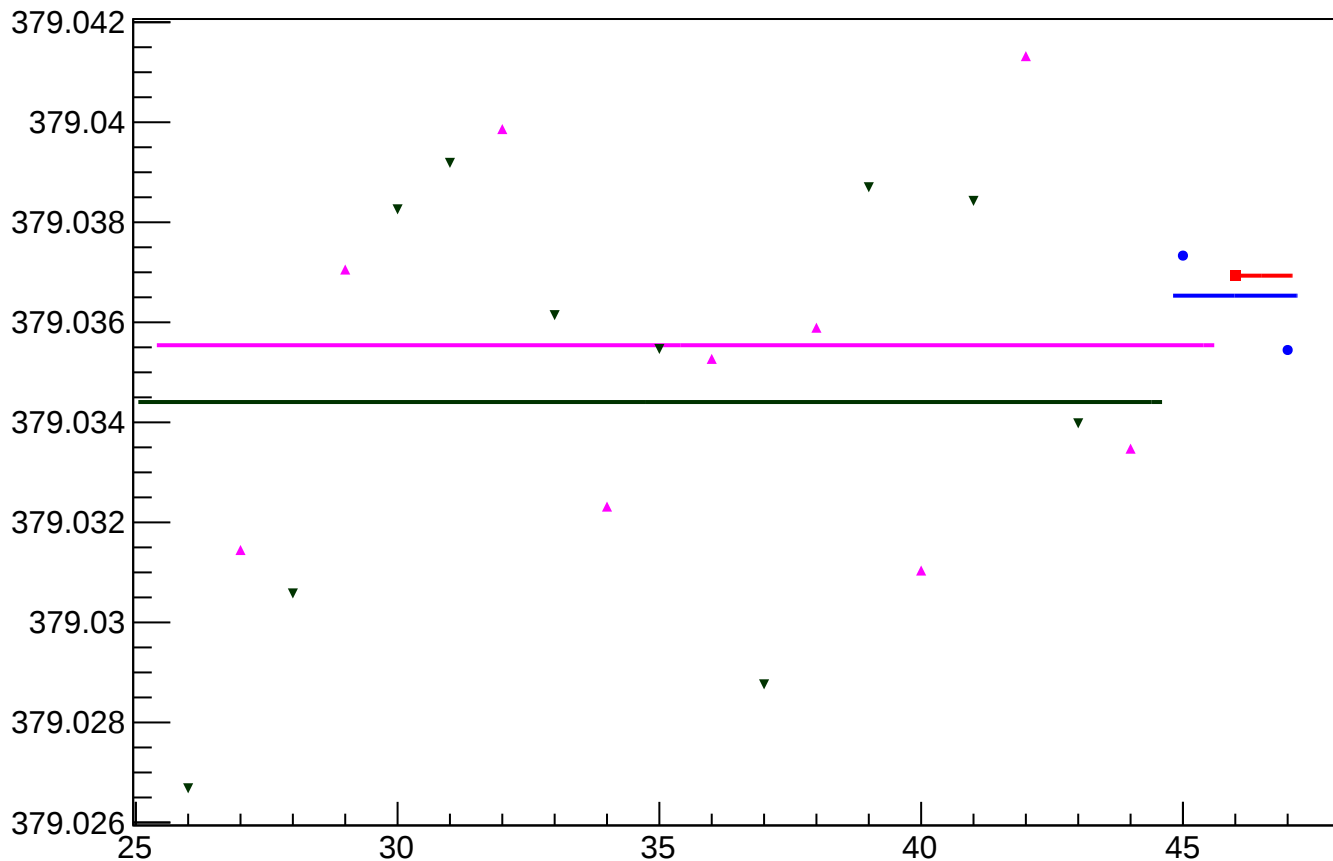
Right Out: 0.221+/-0.000 χ^2/NDF : 0.0/0

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

0.215+/-0.000 χ^2/NDF : 241232.3/11

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: 19484.0/1

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

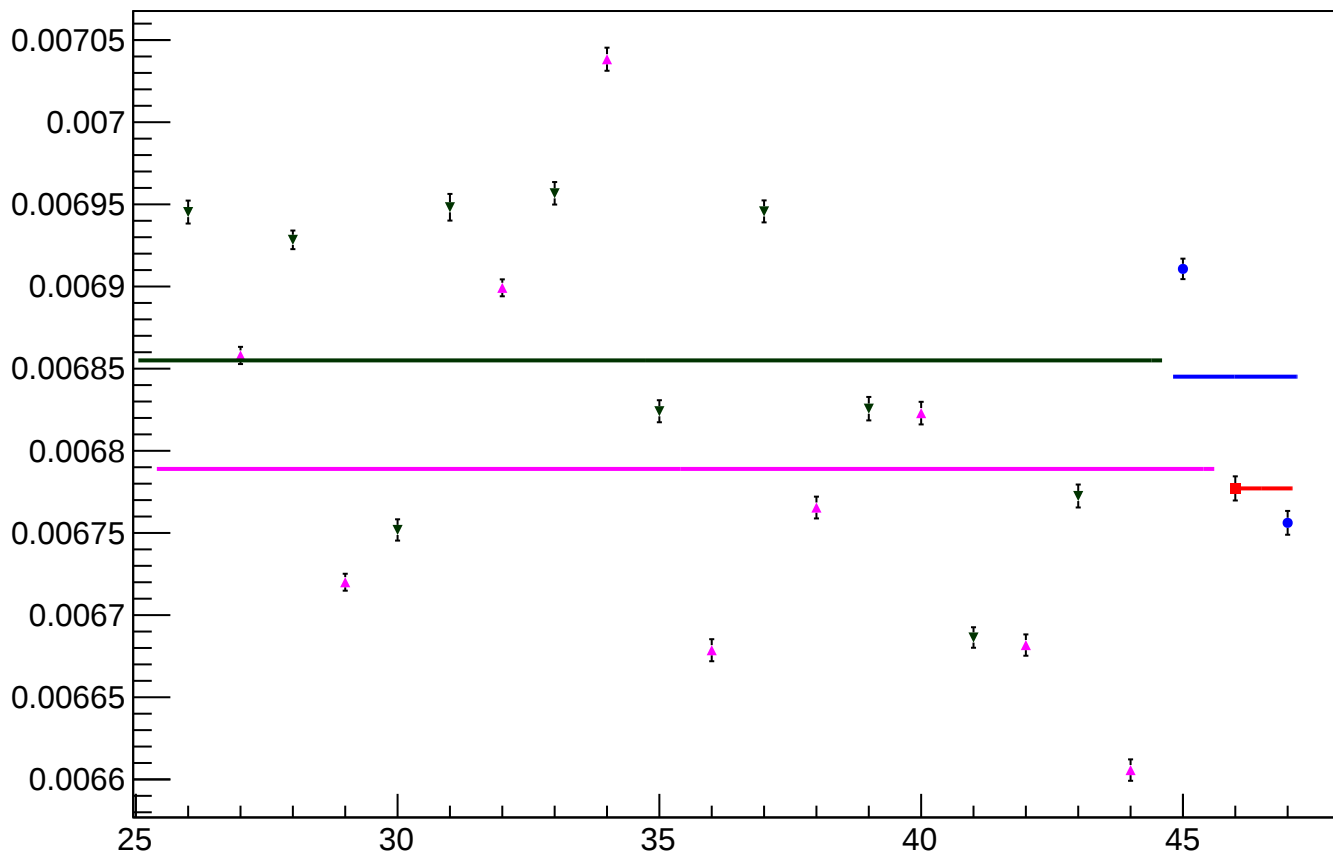
Right Out: 379.037 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

379.035 $\pm$ 0.000 χ^2 /NDF: 2084202.7/11

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

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 261.4/1

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

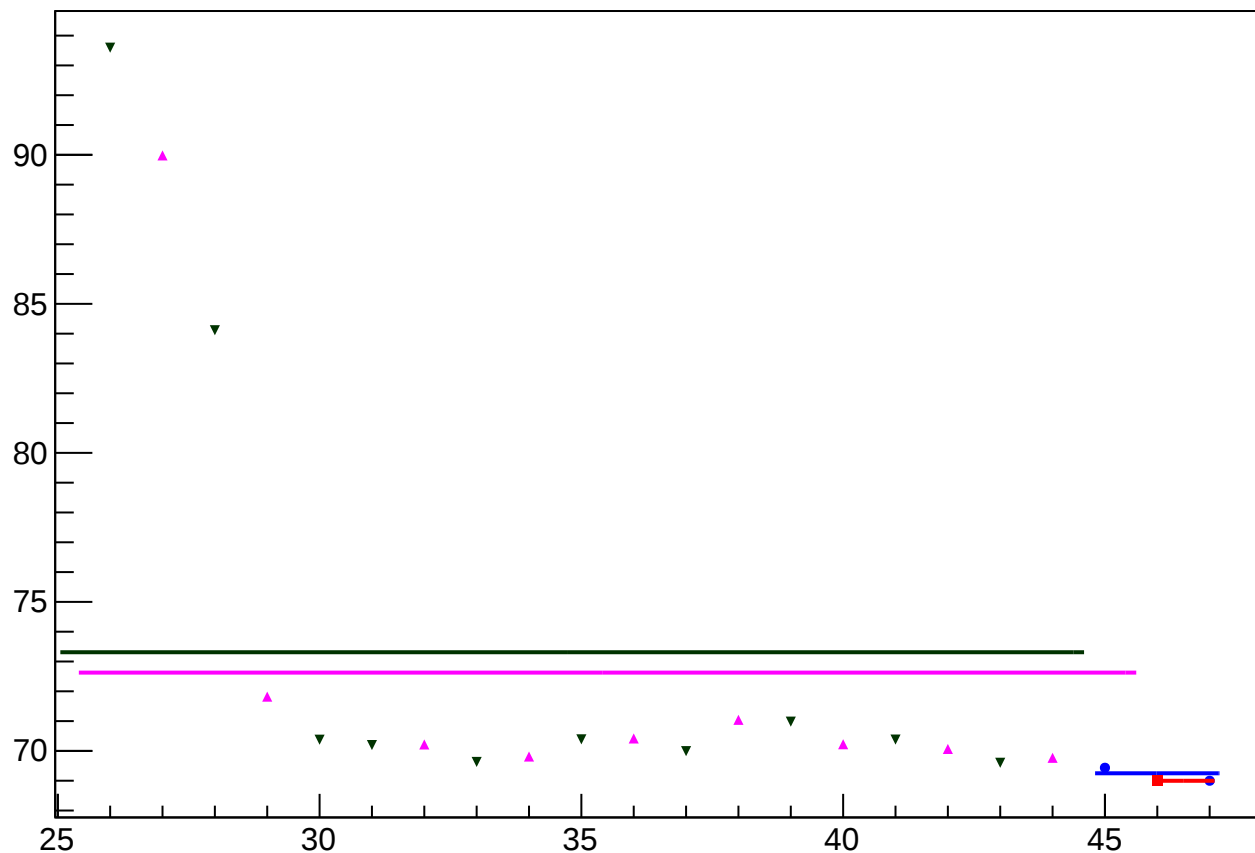
Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 2297.3/11

0.007+/-0.000 χ^2/NDF : 3442.0/9

yield_bcm0l02_mean vs slug



Right In: 69.249+/-0.000 χ^2/NDF : 596639.1/1

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

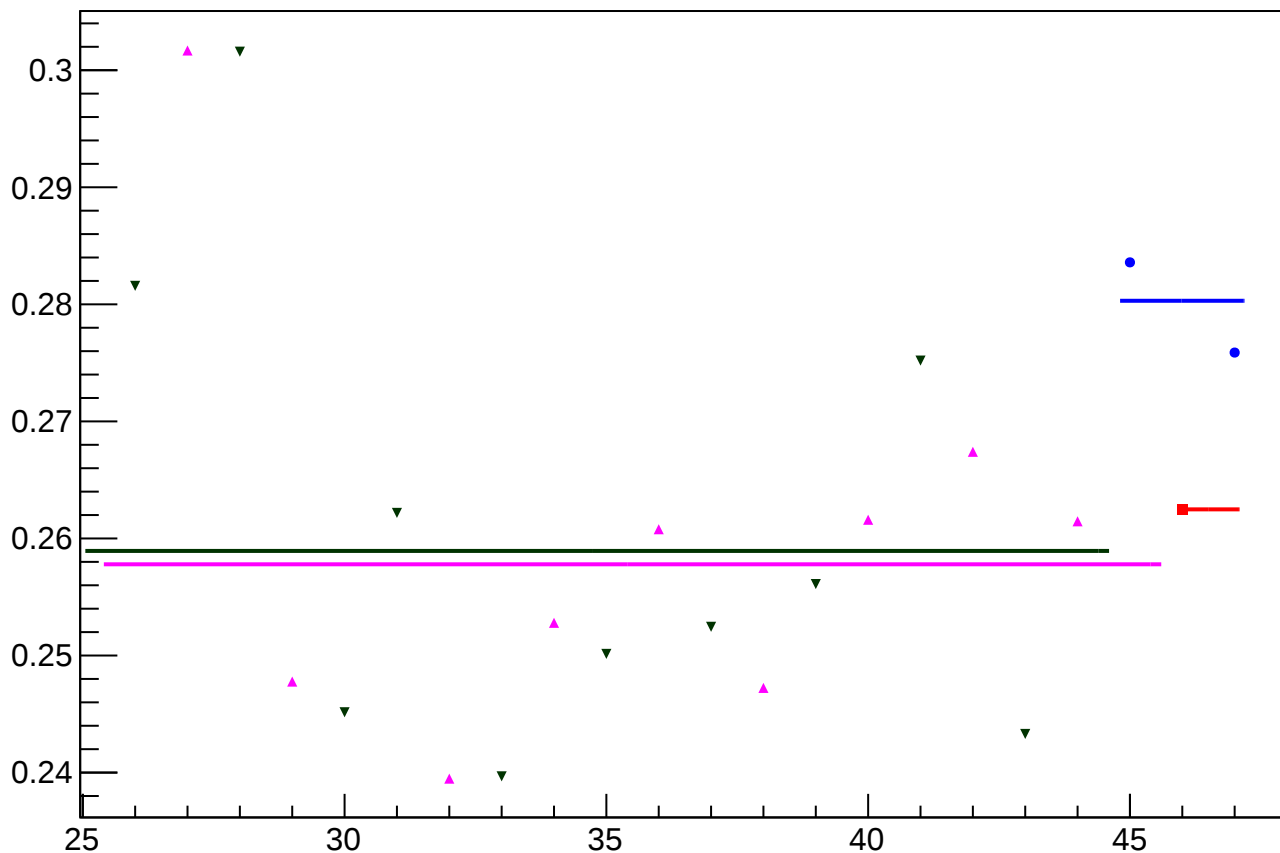
Right Out: 68.998+/-0.000 χ^2/NDF : 0.0/0

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

72.690+/-0.000 χ^2/NDF : 3894501591.7/11

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

yield_bcm0l02_rms vs slug



Right In: 0.280+/-0.000 χ^2/NDF : 373.2/1

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

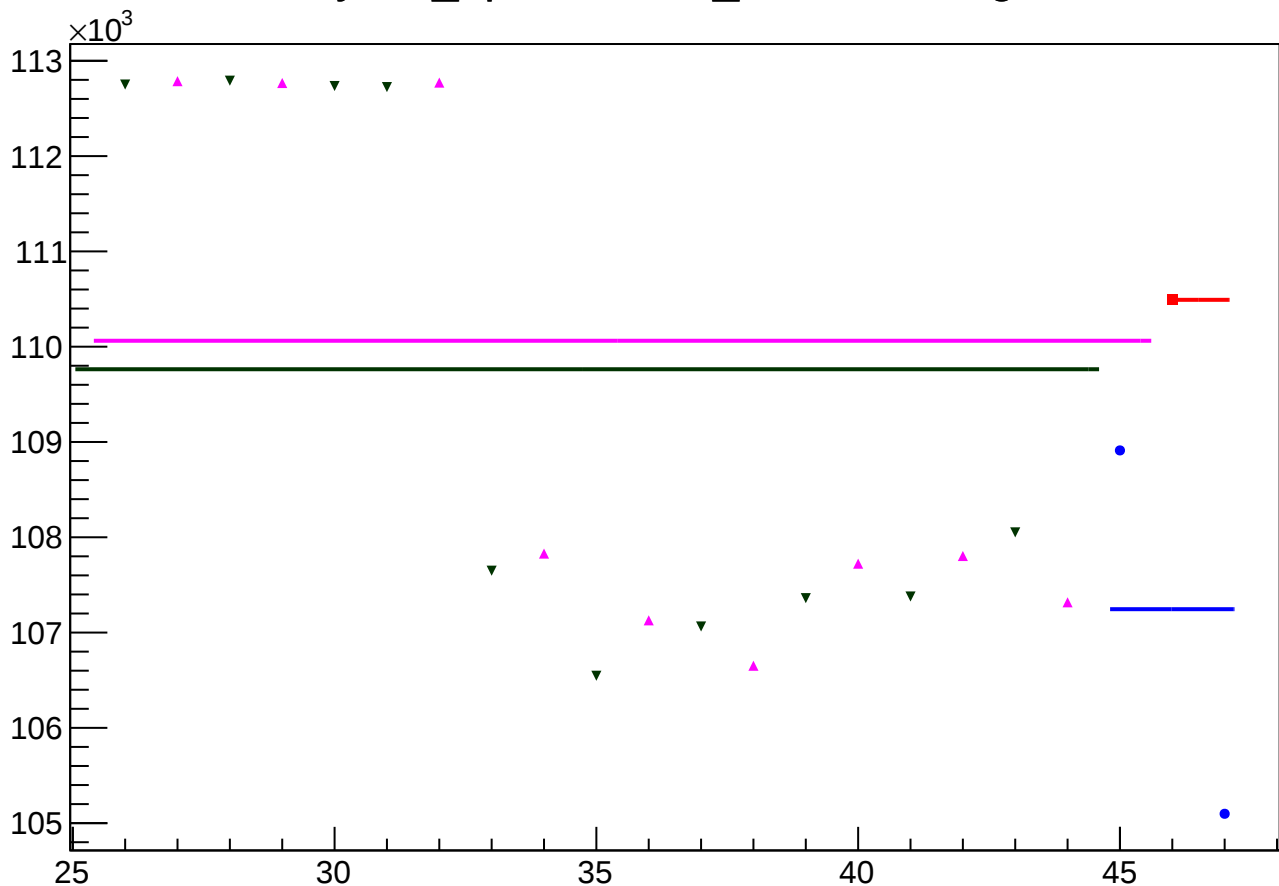
Right Out: 0.262+/-0.000 χ^2/NDF : 0.0/0

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

0.262+/-0.000 χ^2/NDF : 58082.3/11

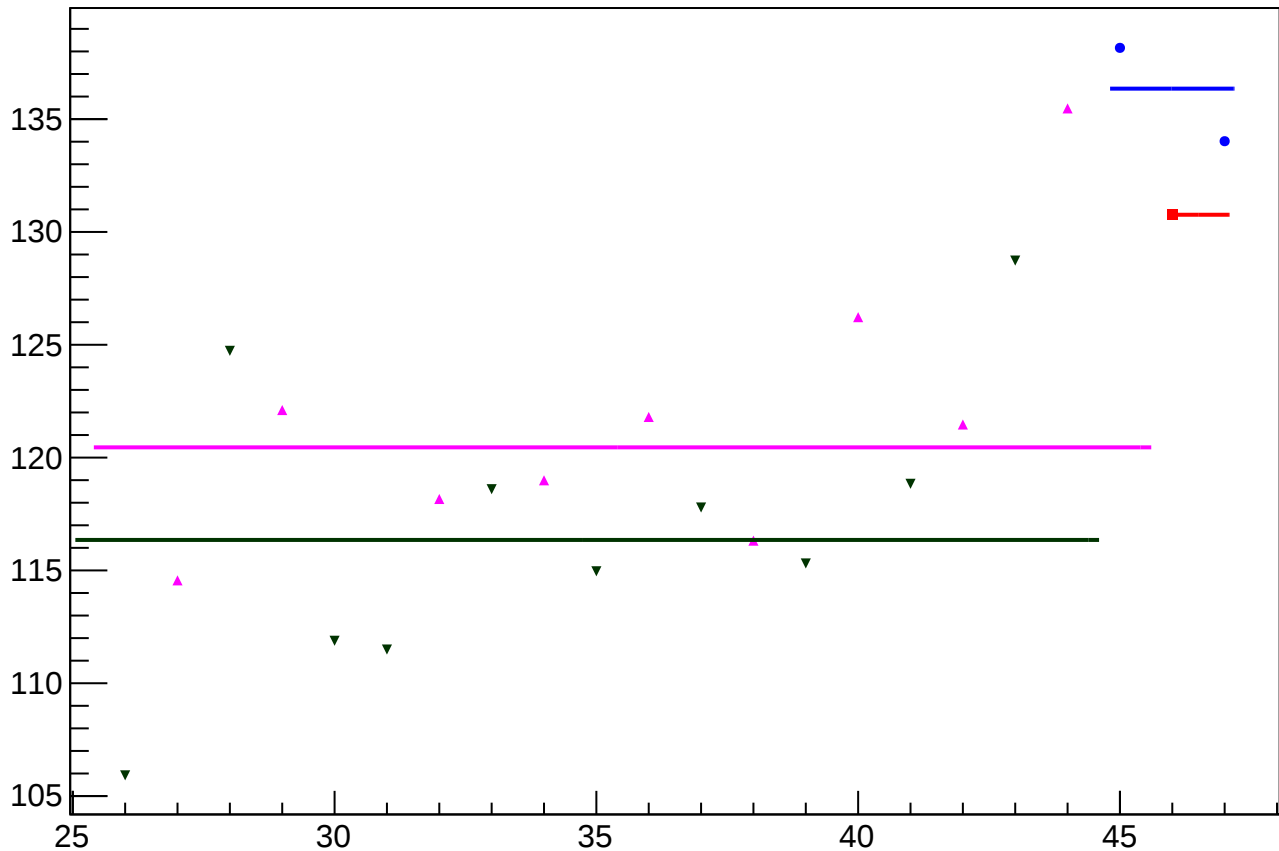
0.258+/-0.000 χ^2/NDF : 49460.0/9

yield_bpm2i01WS_mean vs slug



Right In: 107245.335 $\pm$ 0.150	χ^2 /NDF: 159790349.5/1	109474.938 $\pm$ 0.051	χ^2 /NDF: 2996095026.0/11
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	110080.898 $\pm$ 0.052	χ^2 /NDF: 2592752952.9/9
Left In: 110062.231 $\pm$ 0.053	χ^2 /NDF: 2589926778.7/8		

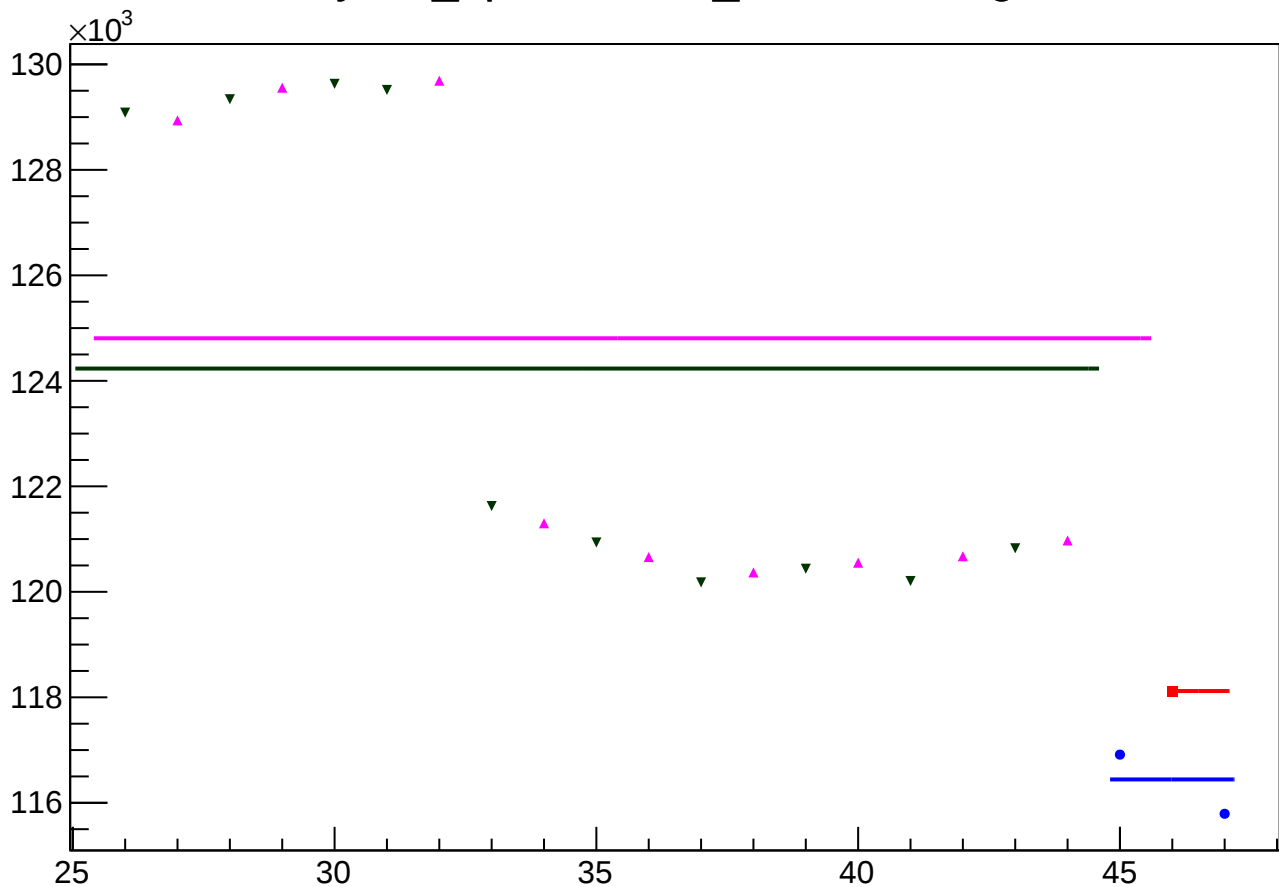
yield_bpm2i01WS_rms vs slug



Right In: 136.351 $\pm$ 0.106 χ^2 /NDF: 376.2/1
 Left Out: 116.351 $\pm$ 0.038 χ^2 /NDF:26842.3/9
 Right Out: 130.762 $\pm$ 0.177 χ^2 /NDF: 0.0/0
 Left In: 120.454 $\pm$ 0.038 χ^2 /NDF:19093.6/8

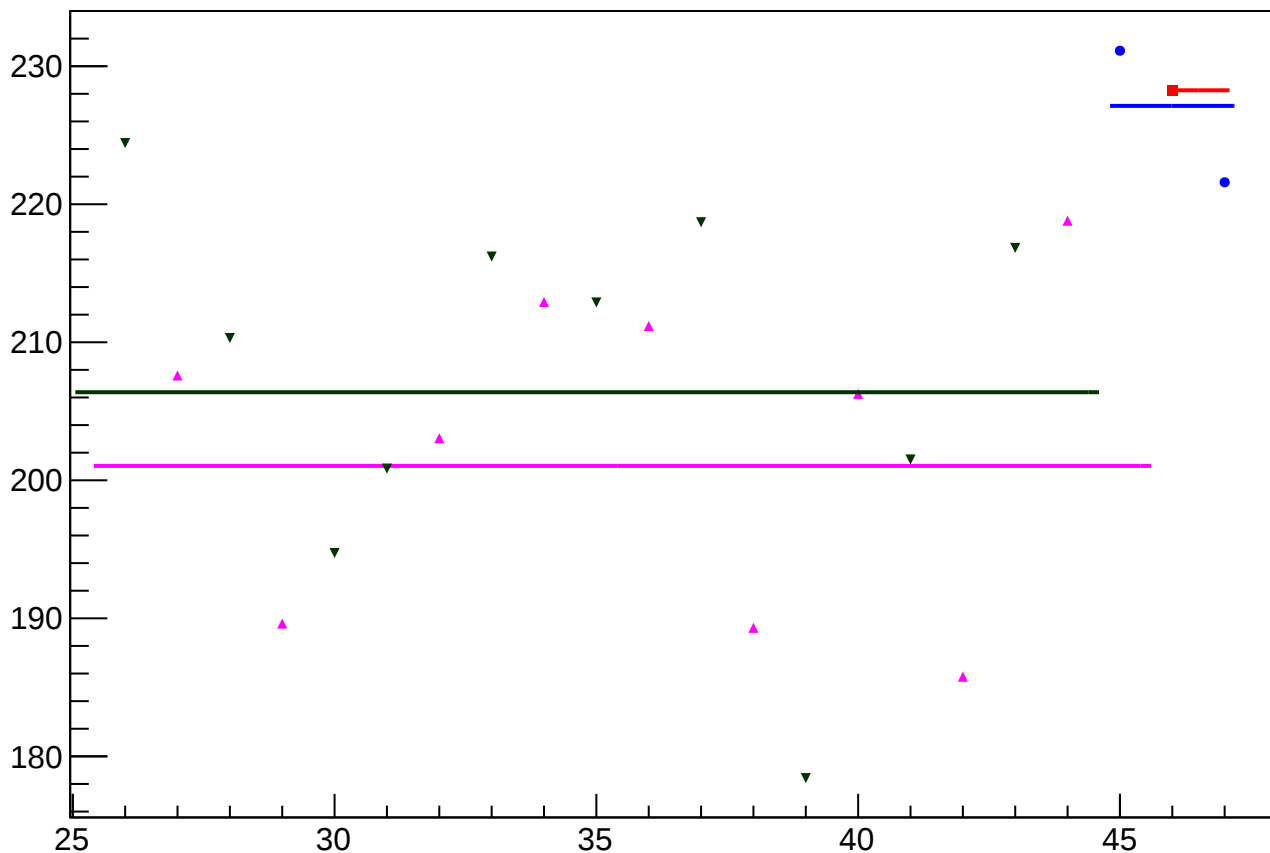
118.641 $\pm$ 0.036 χ^2 /NDF: 58862.0/11
 120.902 $\pm$ 0.037 χ^2 /NDF: 22349.1/9

yield_bpm0i07WS_mean vs slug



Right In: 116443.279 $\pm$ 0.239 χ^2/NDF : 5376899.3/1
 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

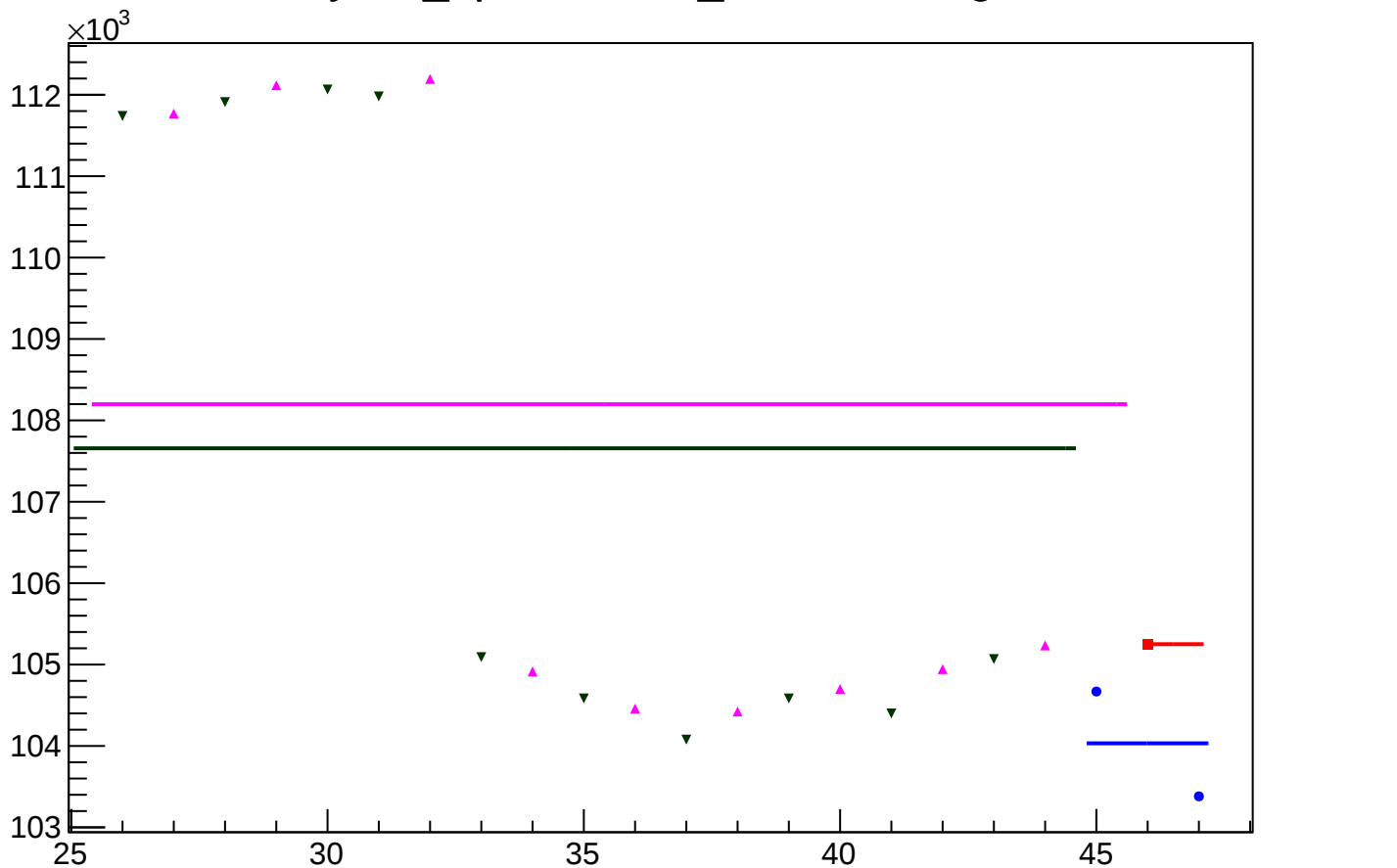
yield_bpm0i07WS_rms vs slug



Right In: 227.125 $\pm$ 0.169 χ^2 /NDF: 776.4/1
Left Out: 206.382 $\pm$ 0.065 χ^2 /NDF: 41185.7/9
Right Out: 228.255 $\pm$ 0.300 χ^2 /NDF: 0.0/0
Left In: 201.043 $\pm$ 0.060 χ^2 /NDF: 31613.9/8

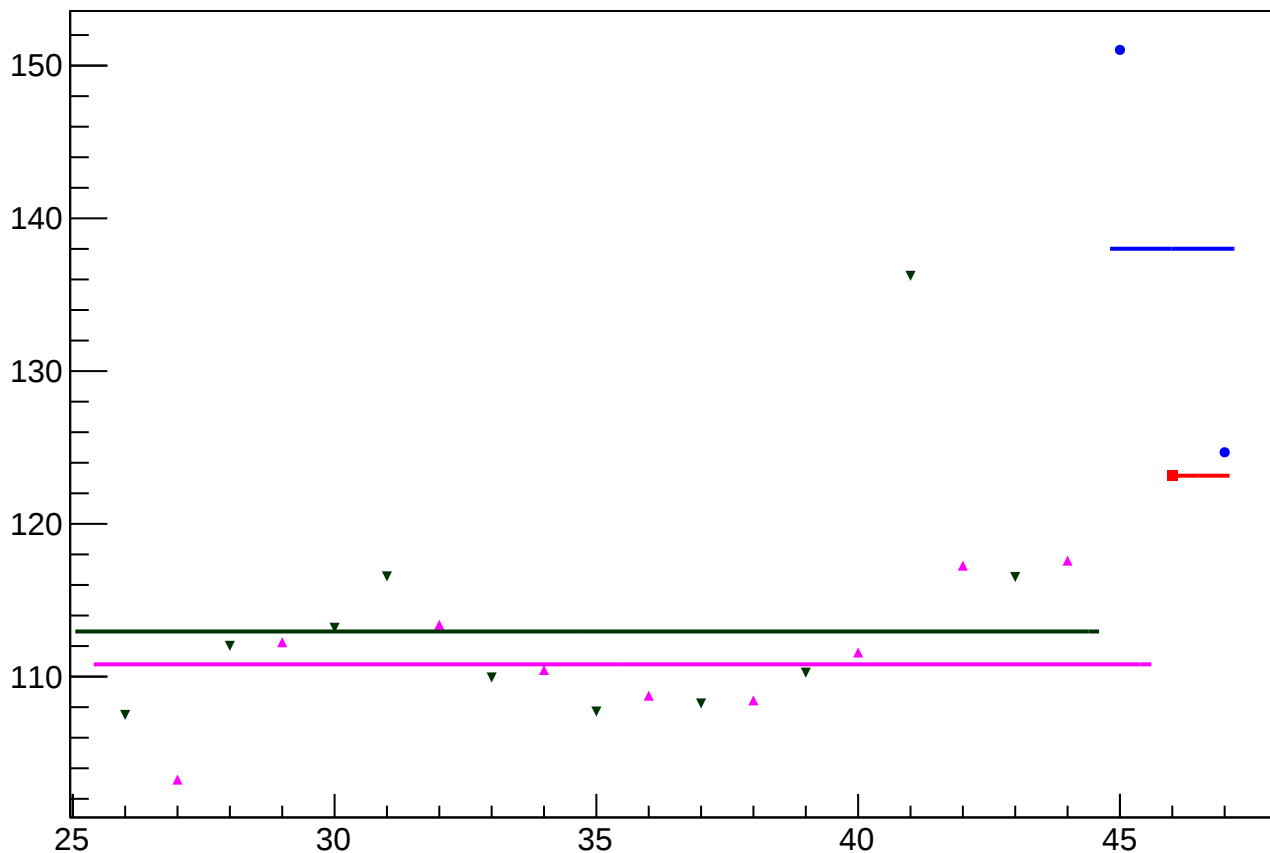
209.049 $\pm$ 0.061 χ^2 /NDF: 55127.2/11
202.095 $\pm$ 0.059 χ^2 /NDF: 39535.3/9

yield_bpm0l01WS_mean vs slug



Right In: 104032.300+/-0.147 χ^2/NDF : 19142489.0/1
 Left Out: 107656.991+/-0.050 χ^2/NDF : 5135639688.0/9
 Right Out: 105250.282+/-0.232 χ^2/NDF : 0.0/0
 Left In: 108198.580+/-0.047 χ^2/NDF : 5989856583.8/8

yield_bpm0l01WS_rms vs slug



Right In: 138.010 ± 0.104 χ^2/NDF : 16024.5/1

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

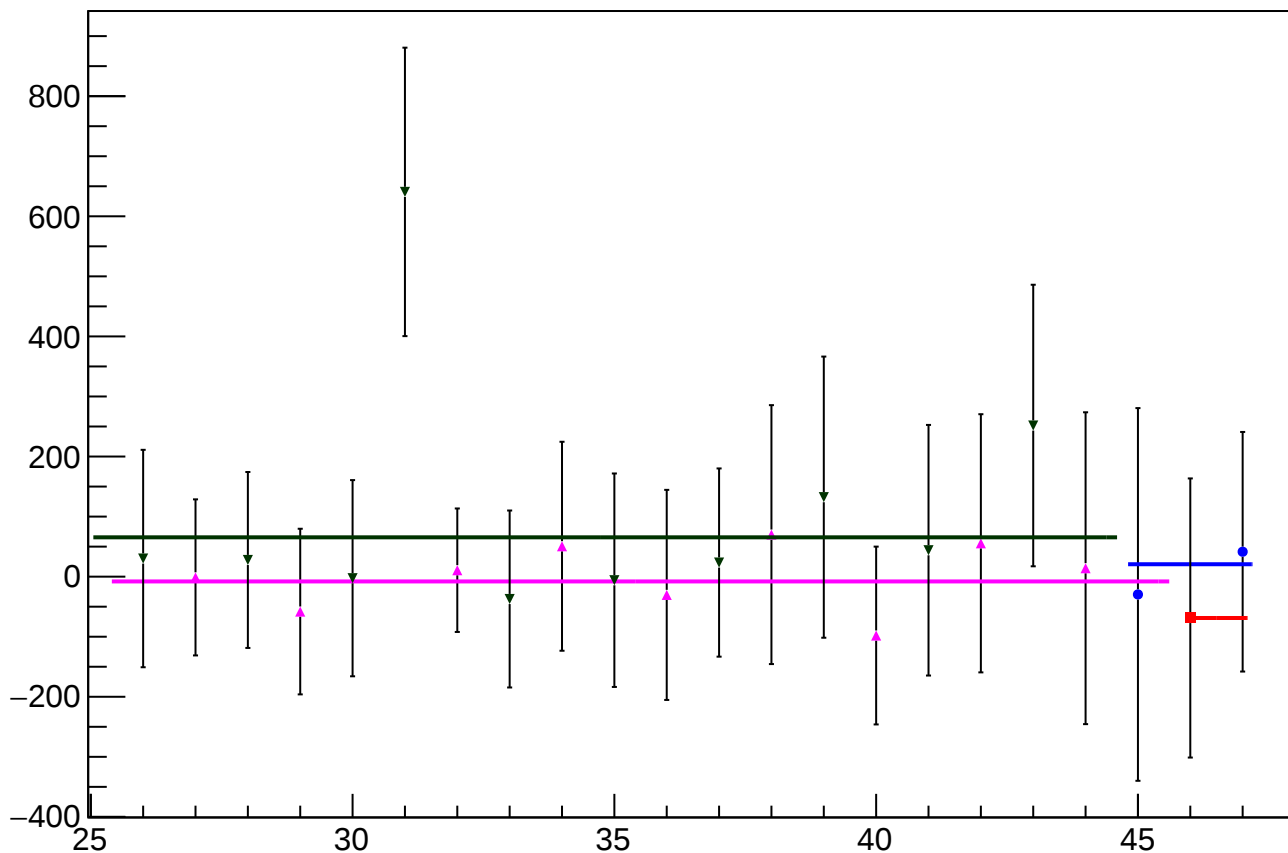
Right Out: 123.155 ± 0.164 χ^2/NDF : 0.0/0

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

115.582 ± 0.034 χ^2/NDF : 111003.9/11

111.287 ± 0.032 χ^2/NDF : 22975.7/9

asym_bcm_an_ds_mean vs slug



Right In: 20.678+/-167.787 χ^2 /NDF: 0.0/1

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

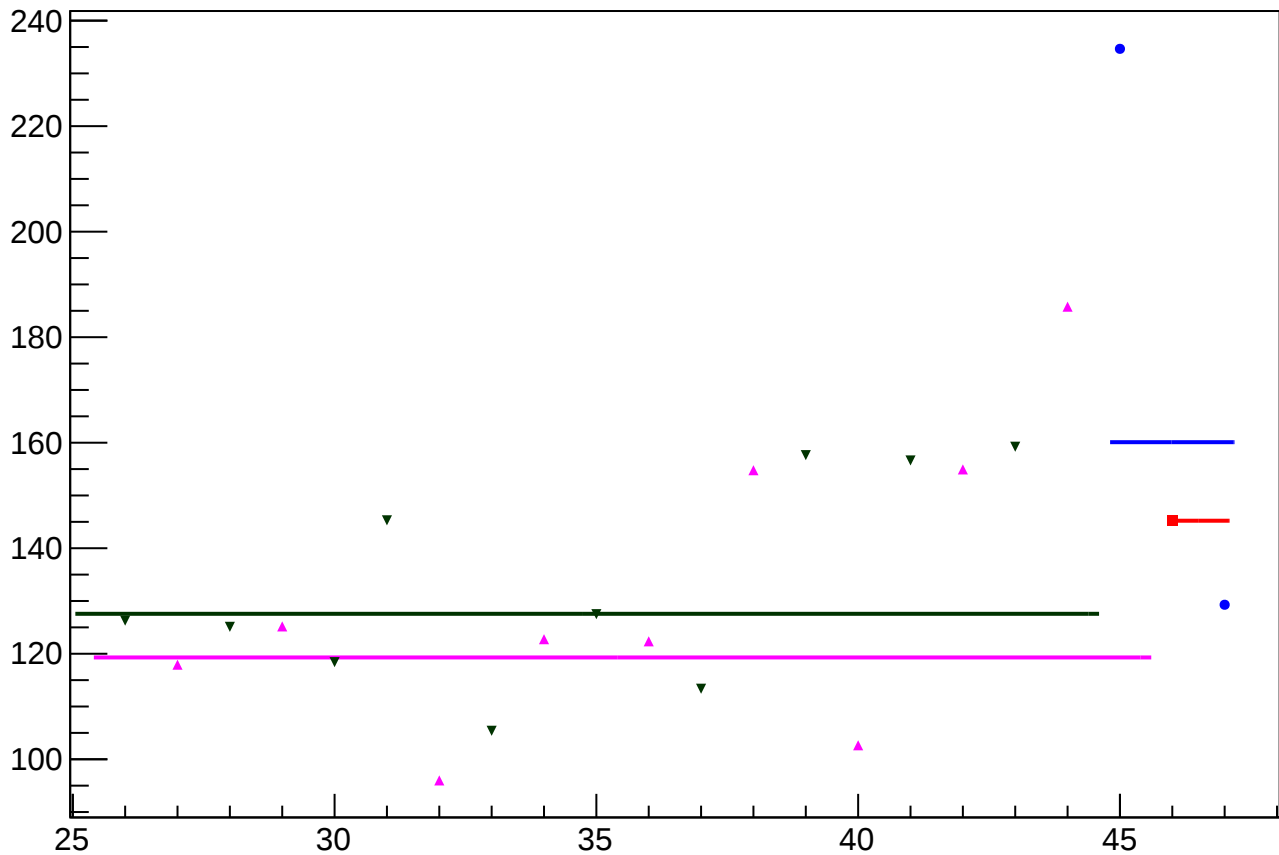
Right Out: -68.824+/-232.378 χ^2 /NDF: 0.0/0

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

60.876+/-53.810 χ^2 /NDF: 7.6/11

-10.825+/-50.358 χ^2 /NDF: 1.0/9

asym_bcm_an_ds_rms vs slug



Right In: 160.100 $\pm$ 0.119 χ^2/NDF : 163198.9/1

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

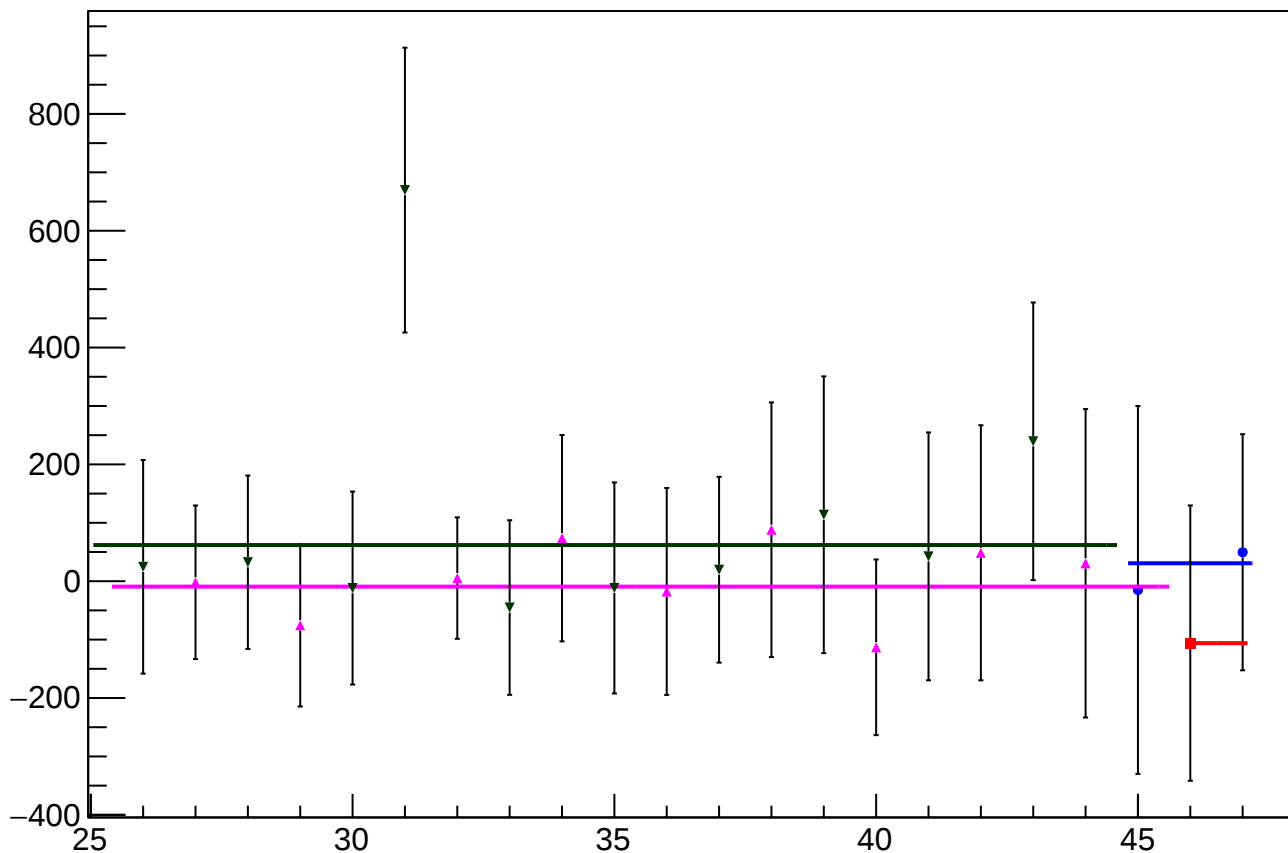
Right Out: 145.214 $\pm$ 0.164 χ^2/NDF : 0.0/0

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

130.917 $\pm$ 0.038 χ^2/NDF : 418542.4/11

120.516 $\pm$ 0.036 χ^2/NDF : 397416.8/9

asym_bcm_an_ds3_mean vs slug



Right In: 30.719+/-170.114 χ^2/NDF : 0.0/1

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

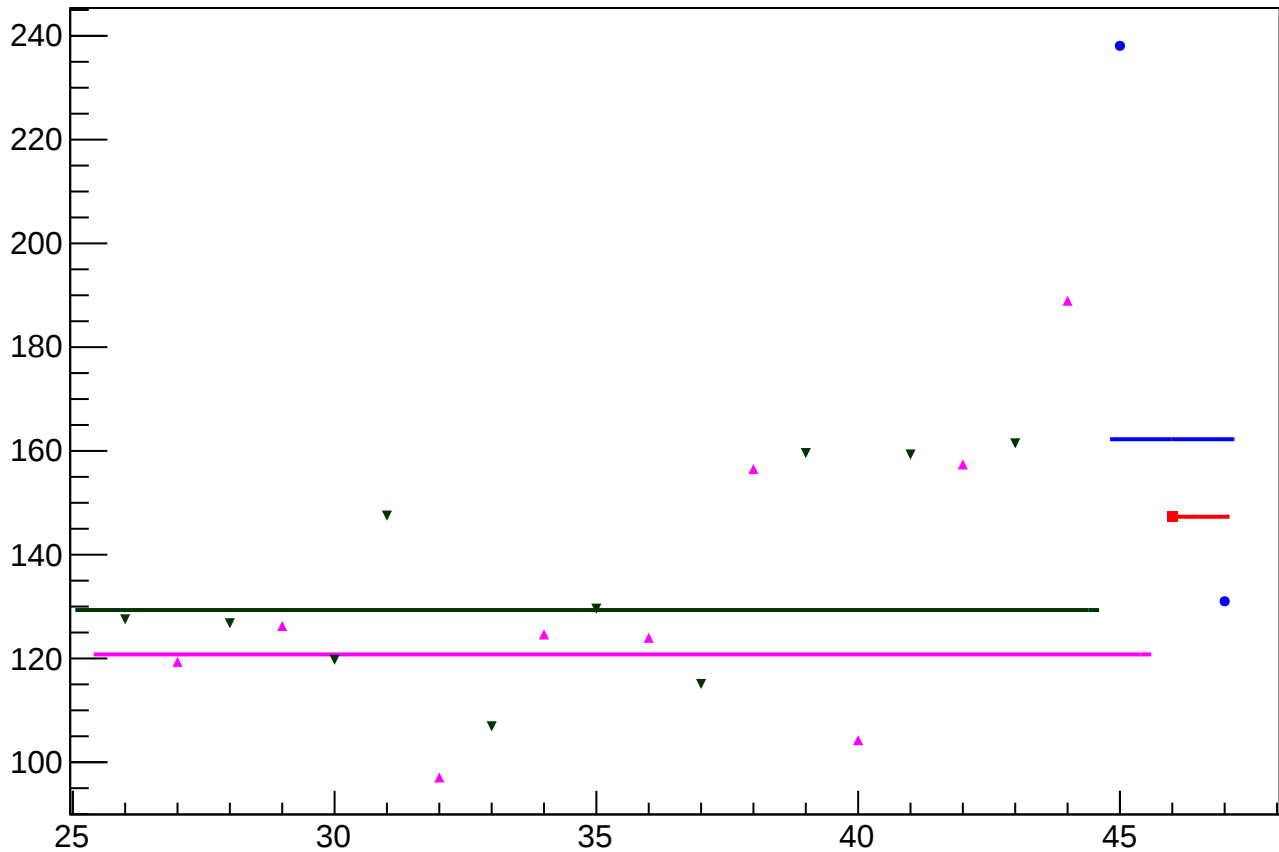
Right Out: -106.011+/-235.714 χ^2/NDF : 0.0/0

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

58.682+/-54.557 χ^2/NDF : 7.9/11

-13.794+/-51.003 χ^2/NDF : 1.4/9

asym_bcm_an_ds3_rms vs slug



Right In: 162.258 +/- 0.120 χ^2/NDF : 163708.8/1

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

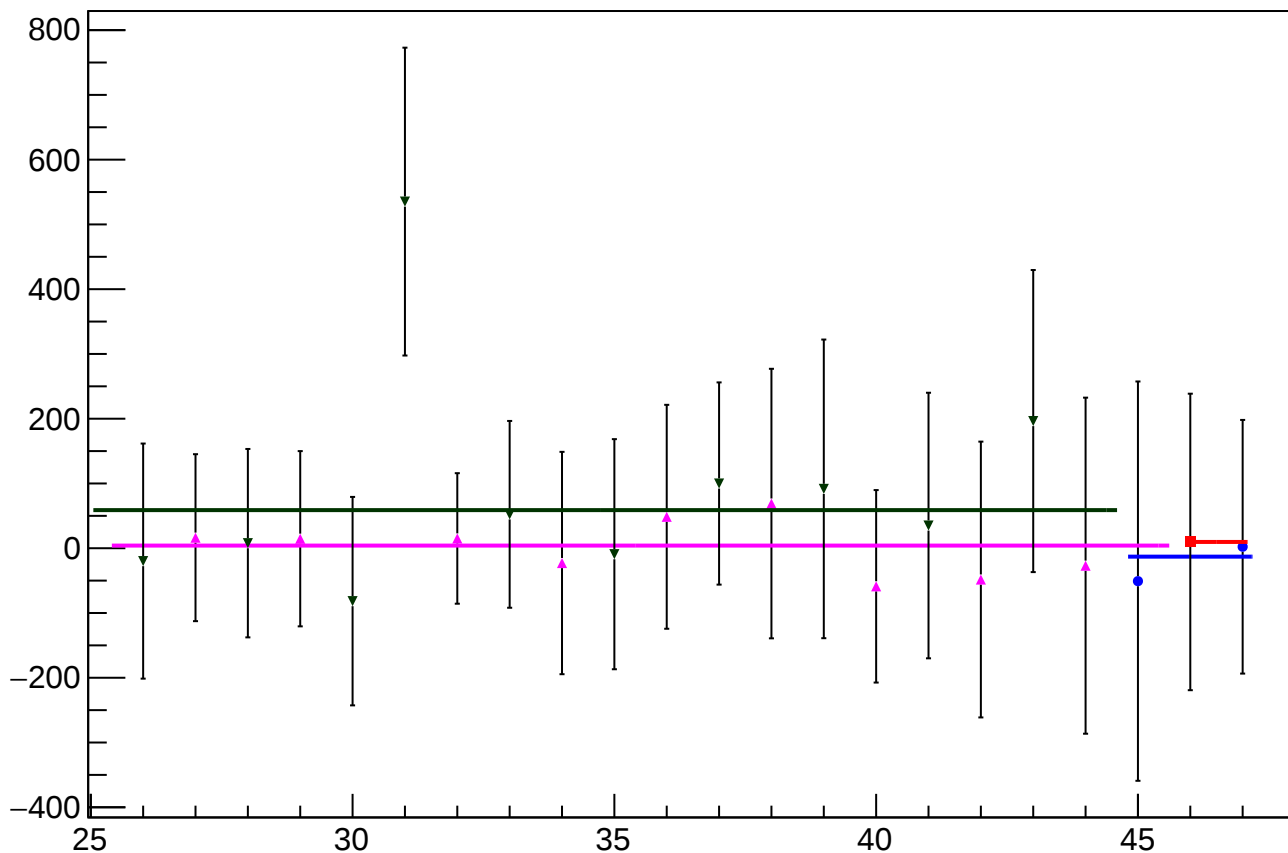
Right Out: 147.314 +/- 0.167 χ^2/NDF : 0.0/0

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

132.717 +/- 0.039 χ^2/NDF : 419695.5/11

122.023 +/- 0.036 χ^2/NDF : 400580.0/9

asym_bcm_an_us_mean vs slug



Right In: -12.990+/-165.306 χ^2/NDF : 0.0/1

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

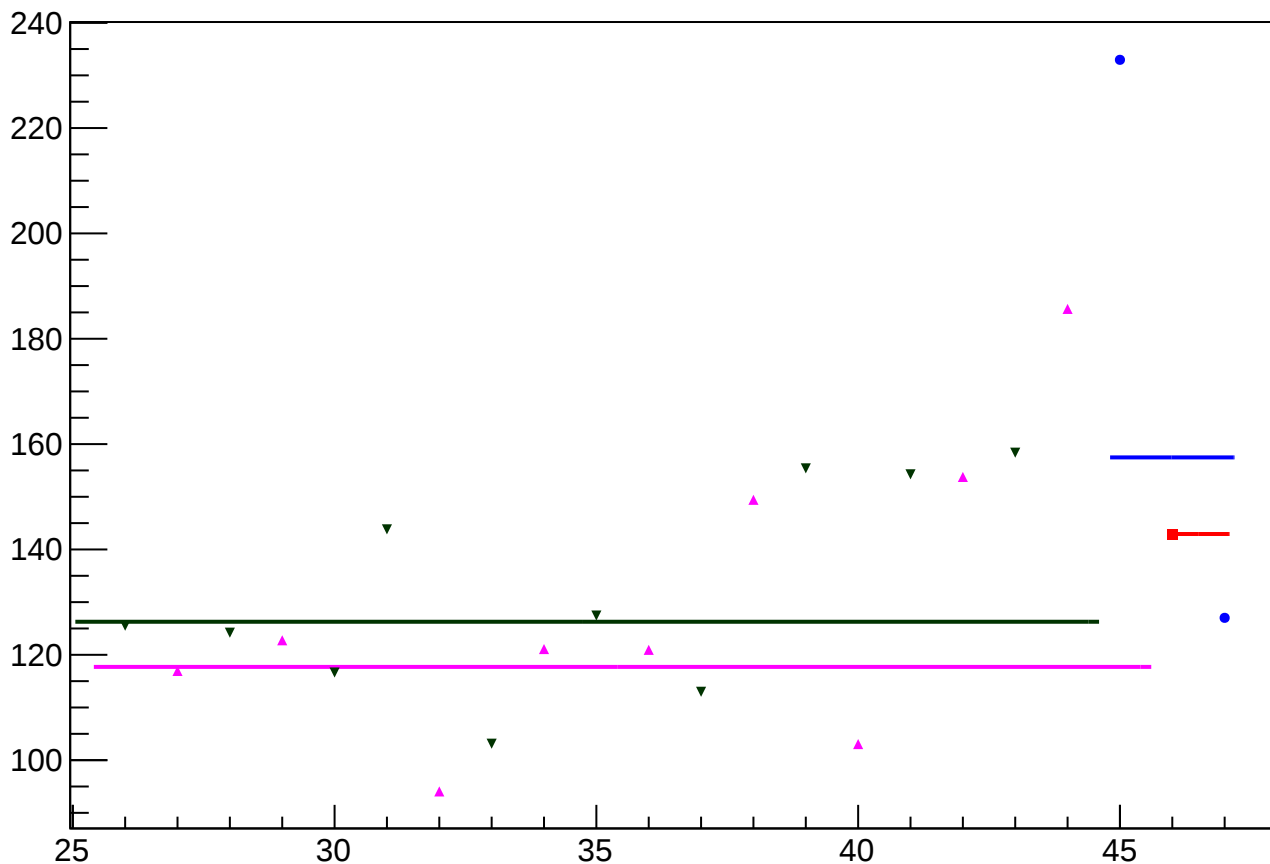
Right Out: 9.707+/-228.912 χ^2/NDF : 0.0/0

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

51.388+/-53.279 χ^2/NDF : 5.9/11

4.362+/-49.689 χ^2/NDF : 0.5/9

asym_bcm_an_us_rms vs slug



Right In: 157.476+/-0.117 χ^2/NDF : 168235.7/1

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

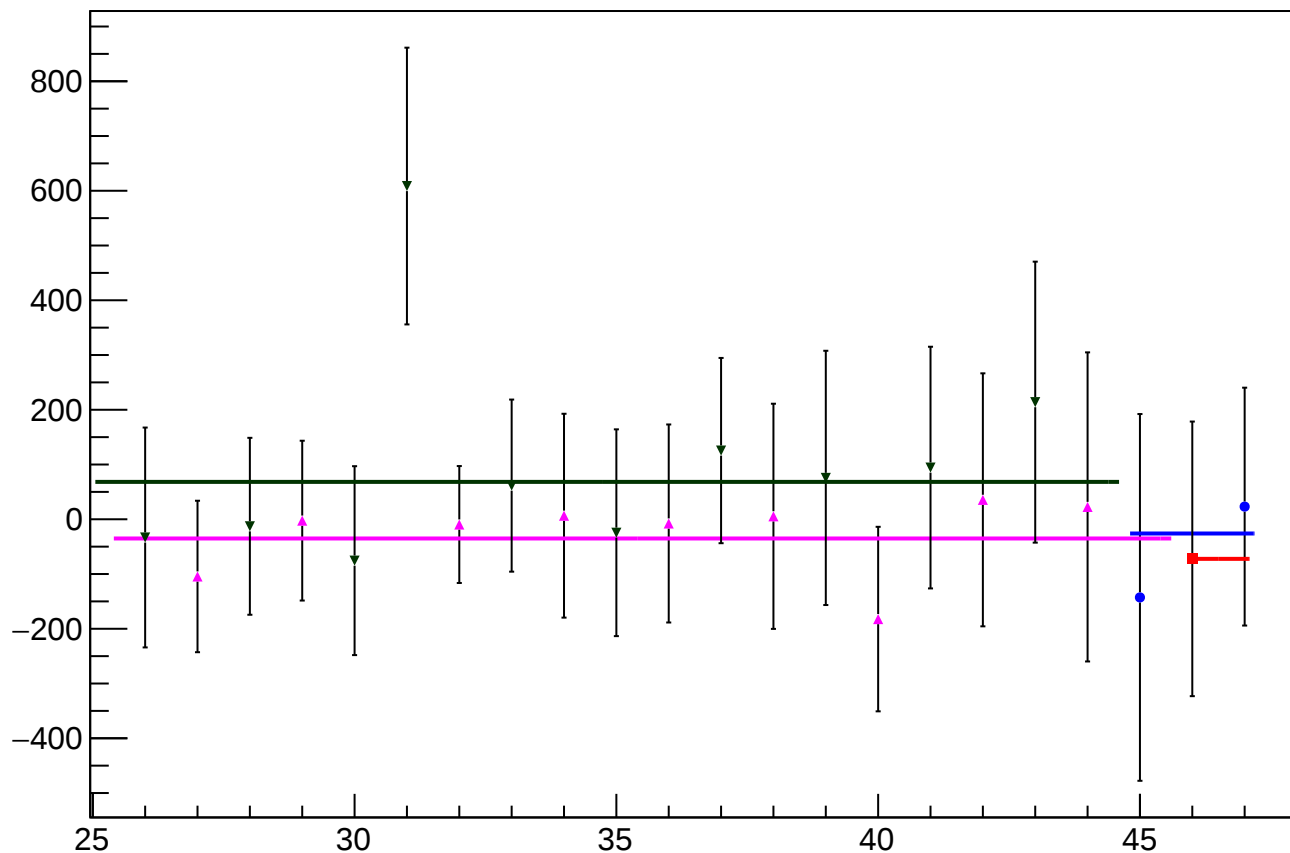
Right Out: 142.935+/-0.162 χ^2/NDF : 0.0/0

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

129.517+/-0.038 χ^2/NDF : 423745.2/11

118.894+/-0.035 χ^2/NDF : 398028.5/9

asym_bcm_dg_us_mean vs slug



Right In: -25.992 ± 182.252 χ^2/NDF : 0.2/1

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

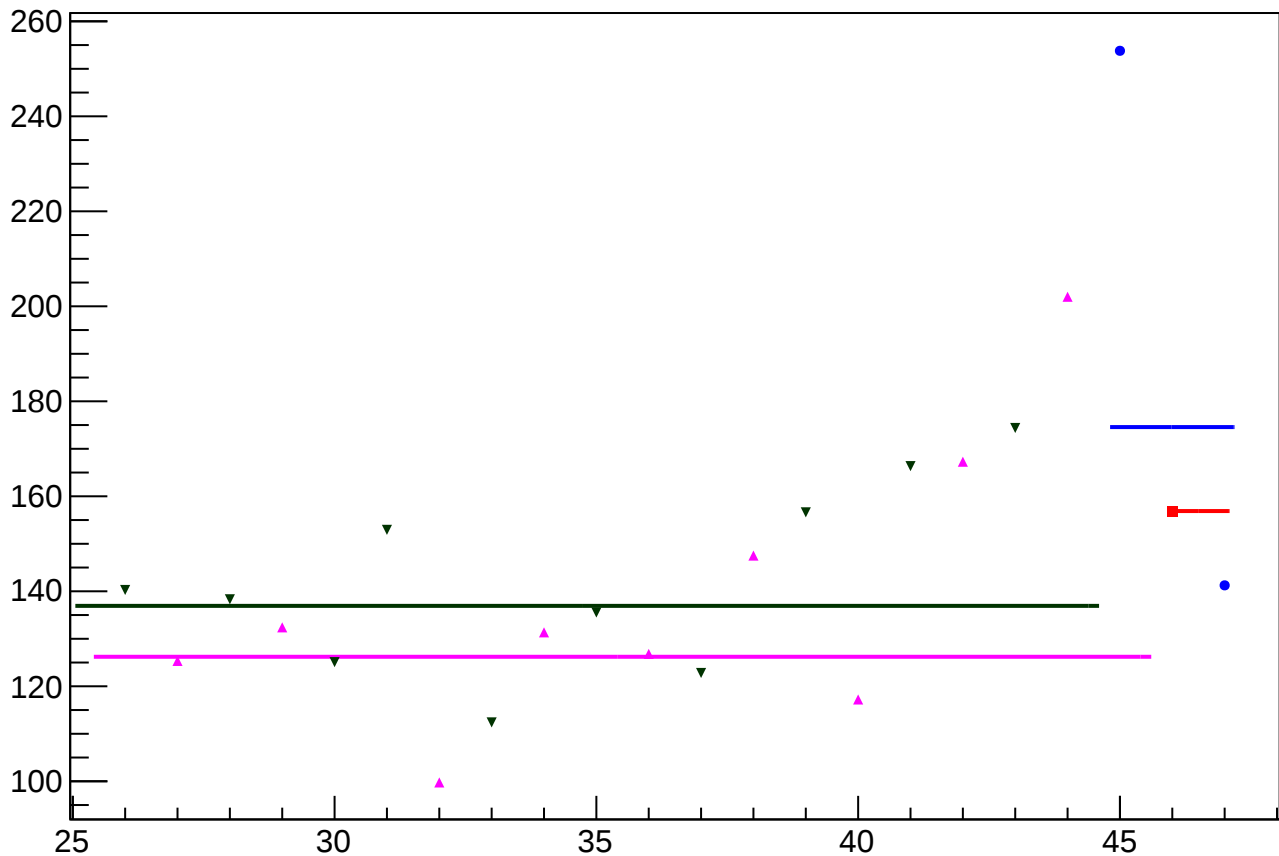
Right Out: -72.309 ± 250.782 χ^2/NDF : 0.0/0

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

58.826 ± 57.716 χ^2/NDF : 6.9/11

-36.775 ± 53.272 χ^2/NDF : 1.4/9

asym_bcm_dg_us_rms vs slug



Right In: 174.572+/-0.129 χ^2/NDF : 158945.7/1

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

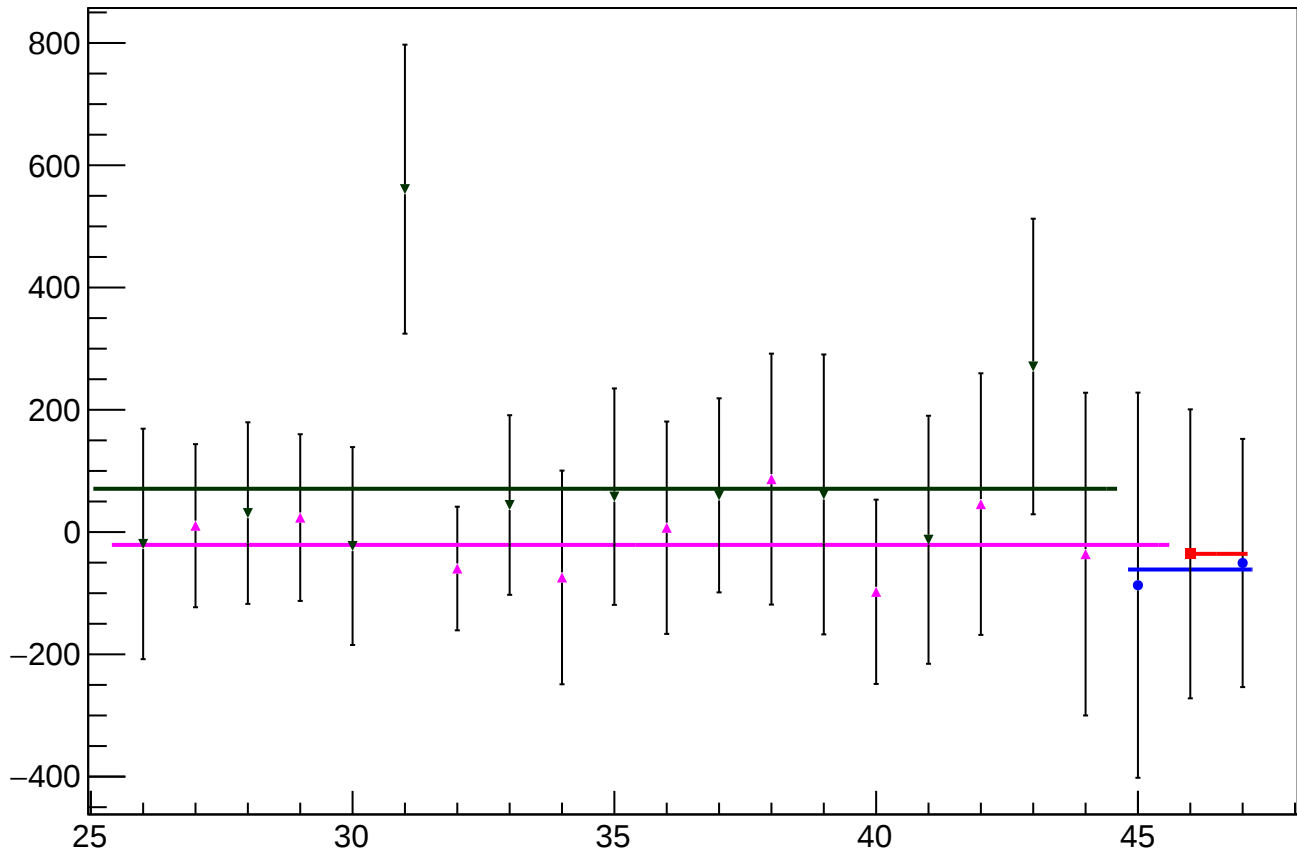
Right Out: 156.893+/-0.177 χ^2/NDF : 0.0/0

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

140.707+/-0.041 χ^2/NDF : 409172.9/11

127.597+/-0.038 χ^2/NDF : 391132.7/9

asym_bcm_dg_ds_mean vs slug



Right In: -61.247 ± 170.645 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 70.831 ± 56.980 $\chi^2/\text{NDF}: 5.8/9$

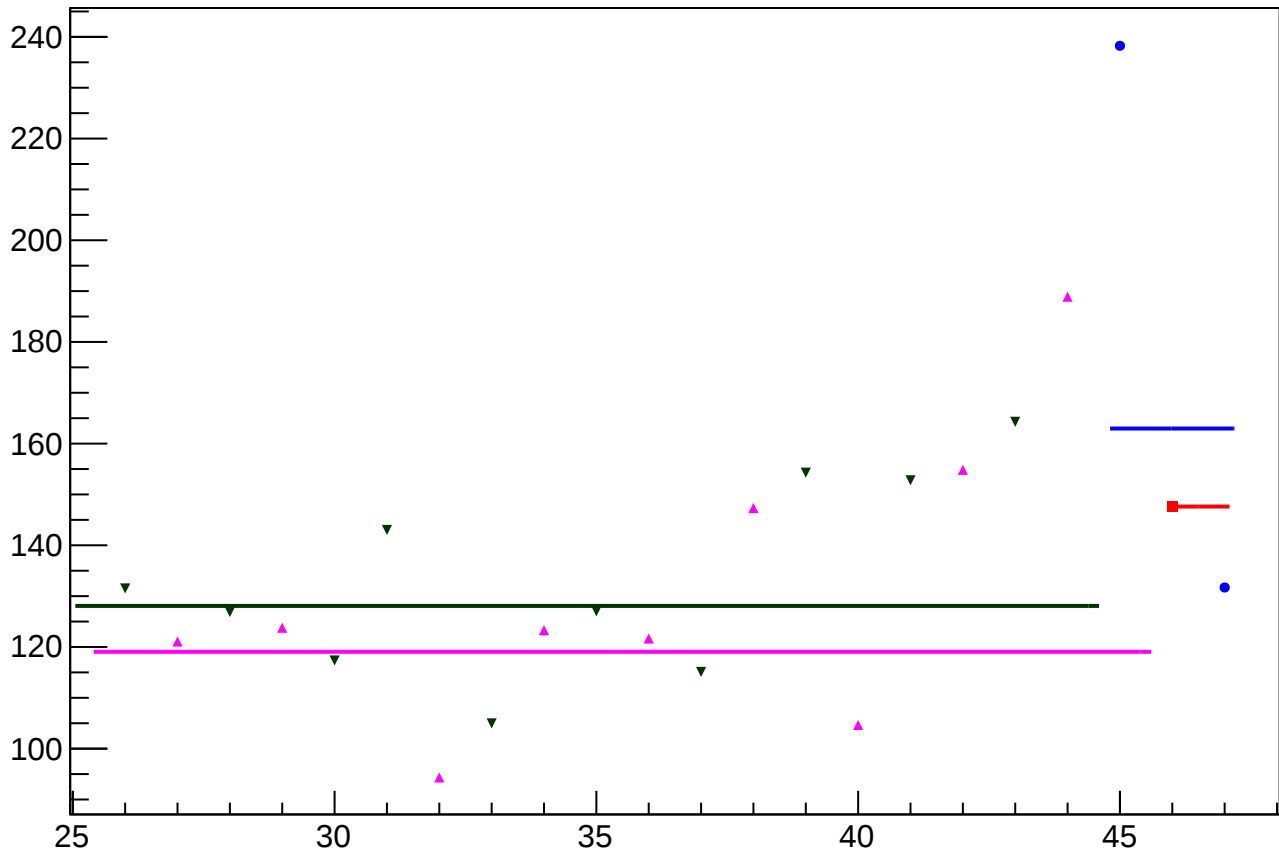
Right Out: -35.607 ± 236.339 $\chi^2/\text{NDF}: 0.0/0$

Left In: -20.980 ± 51.456 $\chi^2/\text{NDF}: 1.1/8$

57.582 ± 54.047 $\chi^2/\text{NDF}: 6.4/11$

-21.642 ± 50.278 $\chi^2/\text{NDF}: 1.1/9$

asym_bcm_dg_ds_rms vs slug



Right In: 162.968 $\pm$ 0.121 χ^2 /NDF: 161651.8/1

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

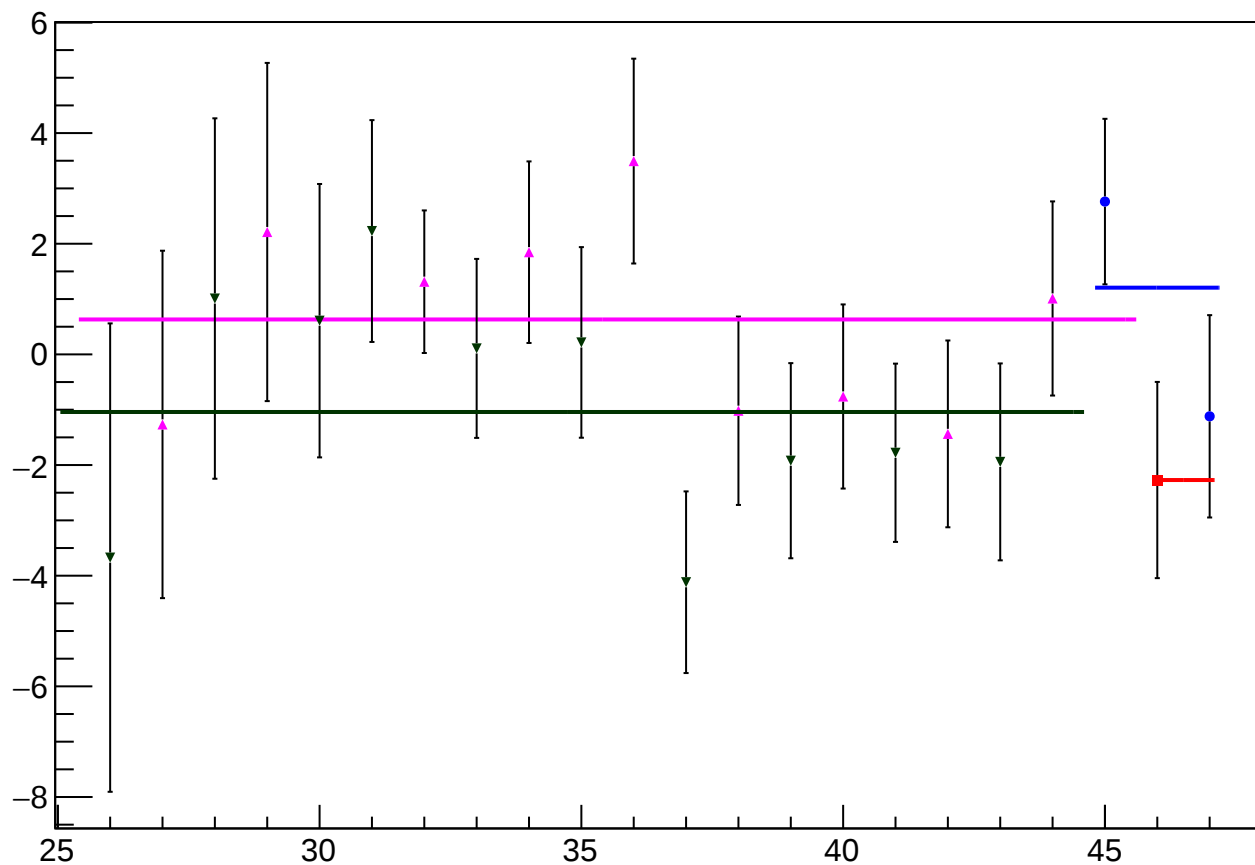
Right Out: 147.620 $\pm$ 0.167 χ^2 /NDF: 0.0/0

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

131.577 $\pm$ 0.038 χ^2 /NDF: 418149.1/11

120.342 $\pm$ 0.036 χ^2 /NDF: 404074.4/9

asym_cav4bQ_mean vs slug



Right In: 1.206+/-1.158 χ^2/NDF : 2.7/1

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

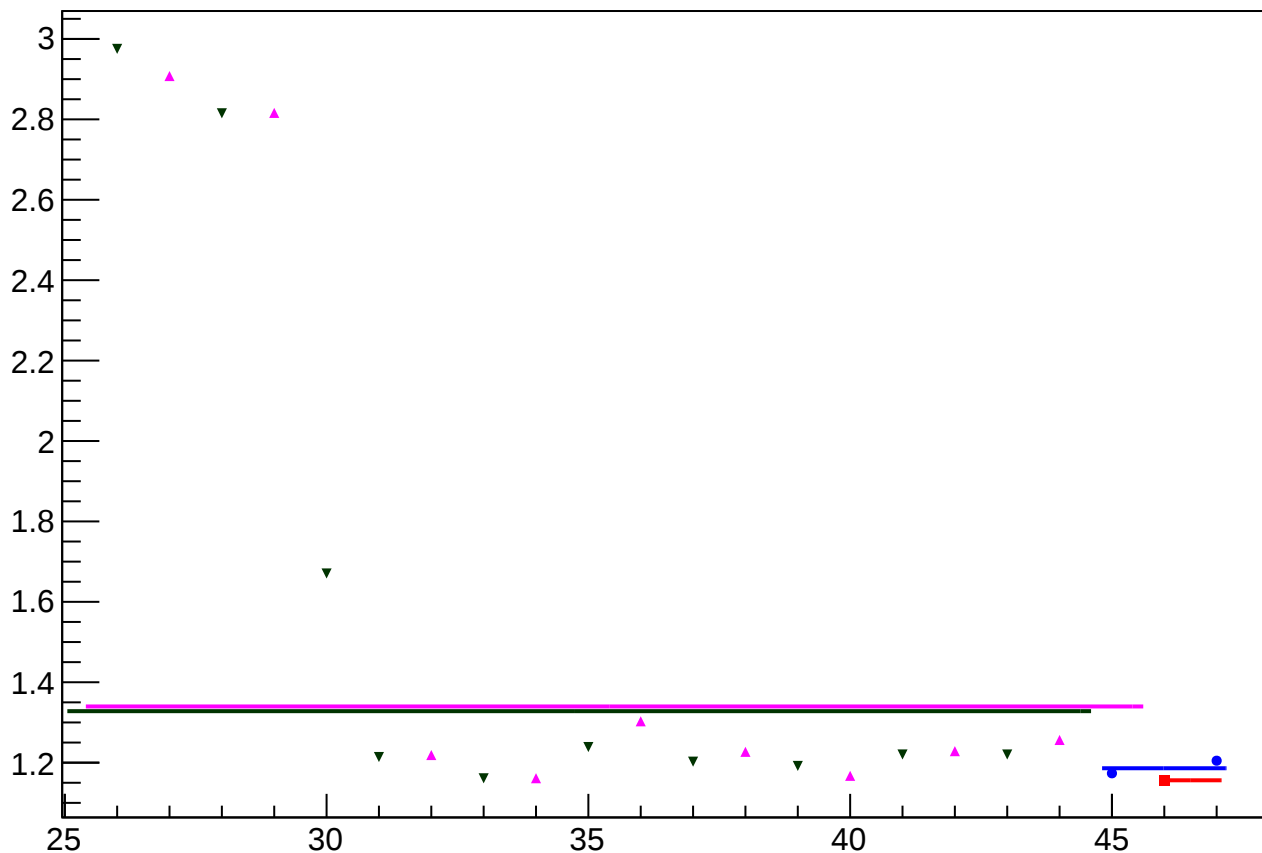
Right Out: -2.271+/-1.773 χ^2/NDF : 0.0/0

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

-0.551+/-0.541 χ^2/NDF : 14.8/11

0.341+/-0.561 χ^2/NDF : 9.5/9

asym_cav4bQ_rms vs slug



Right In: 1.186 $\pm$ 0.001 χ^2 /NDF: 351.8/1

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

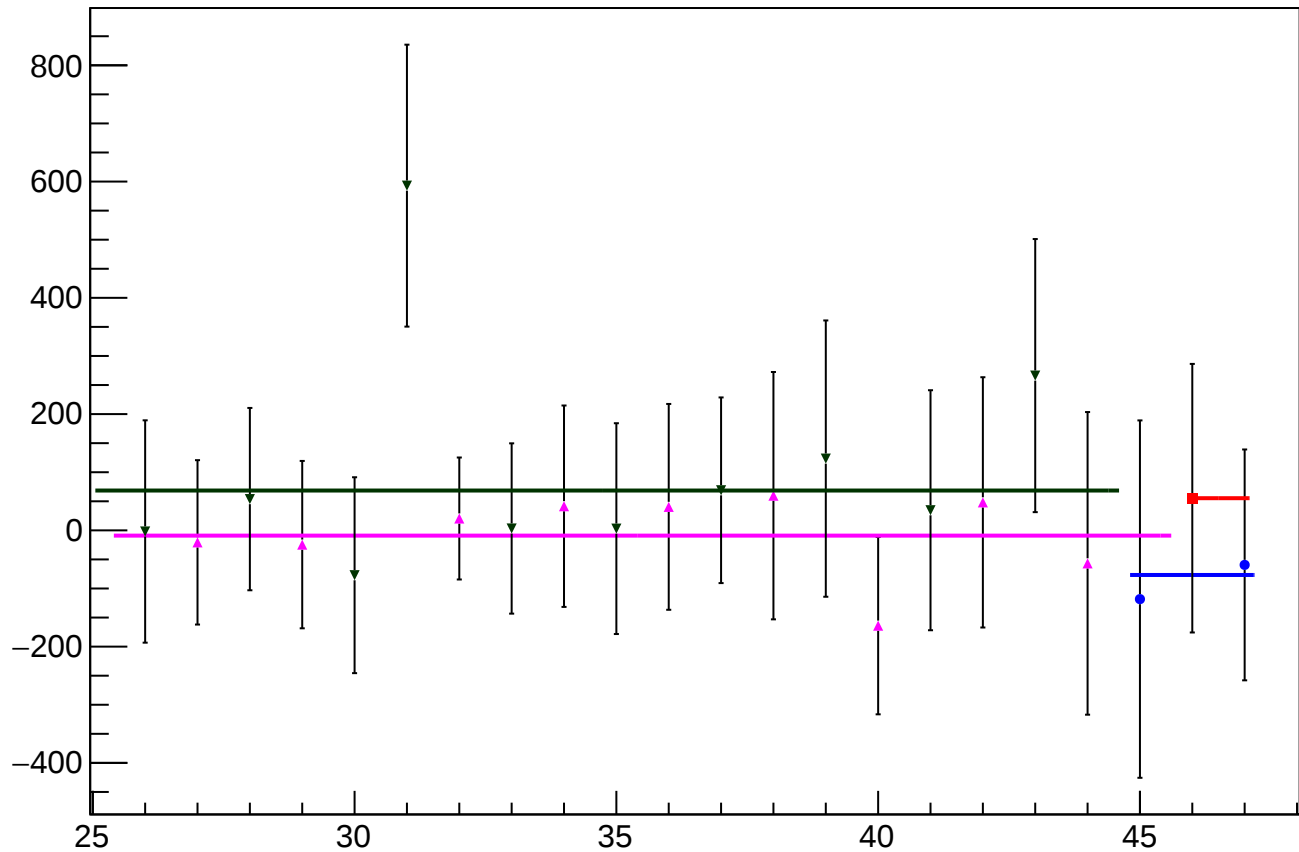
Right Out: 1.156 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

1.297 $\pm$ 0.000 χ^2 /NDF: 855058.7/11

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

asym_cav4cQ_mean vs slug



Right In: -76.746+/-166.791 χ^2/NDF : 0.0/1

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

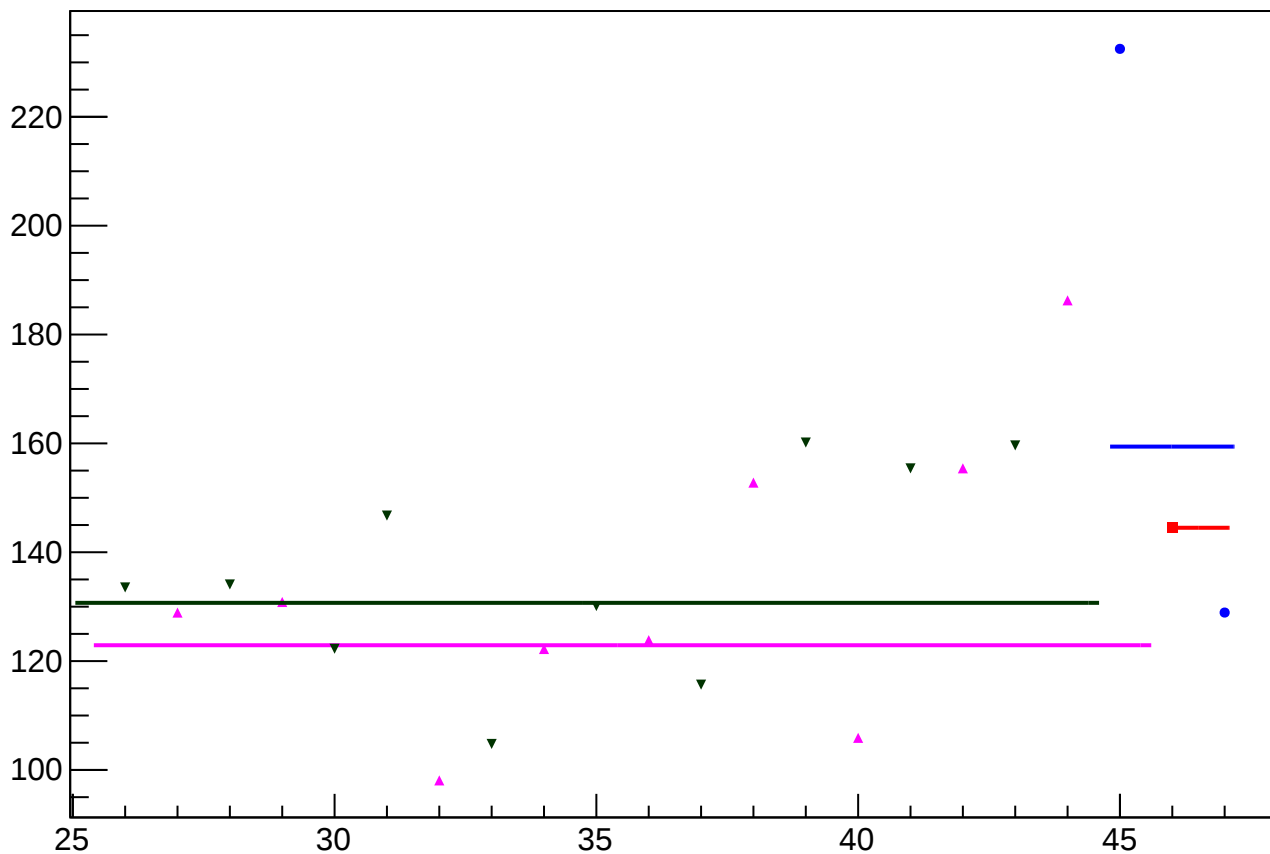
Right Out: 55.332+/-230.999 χ^2/NDF : 0.0/0

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

52.782+/-54.906 χ^2/NDF : 7.4/11

-5.824+/-51.674 χ^2/NDF : 1.6/9

asym_cav4cQ_rms vs slug



Right In: 159.410 $\pm$ 0.118 χ^2 /NDF: 160200.5/1

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

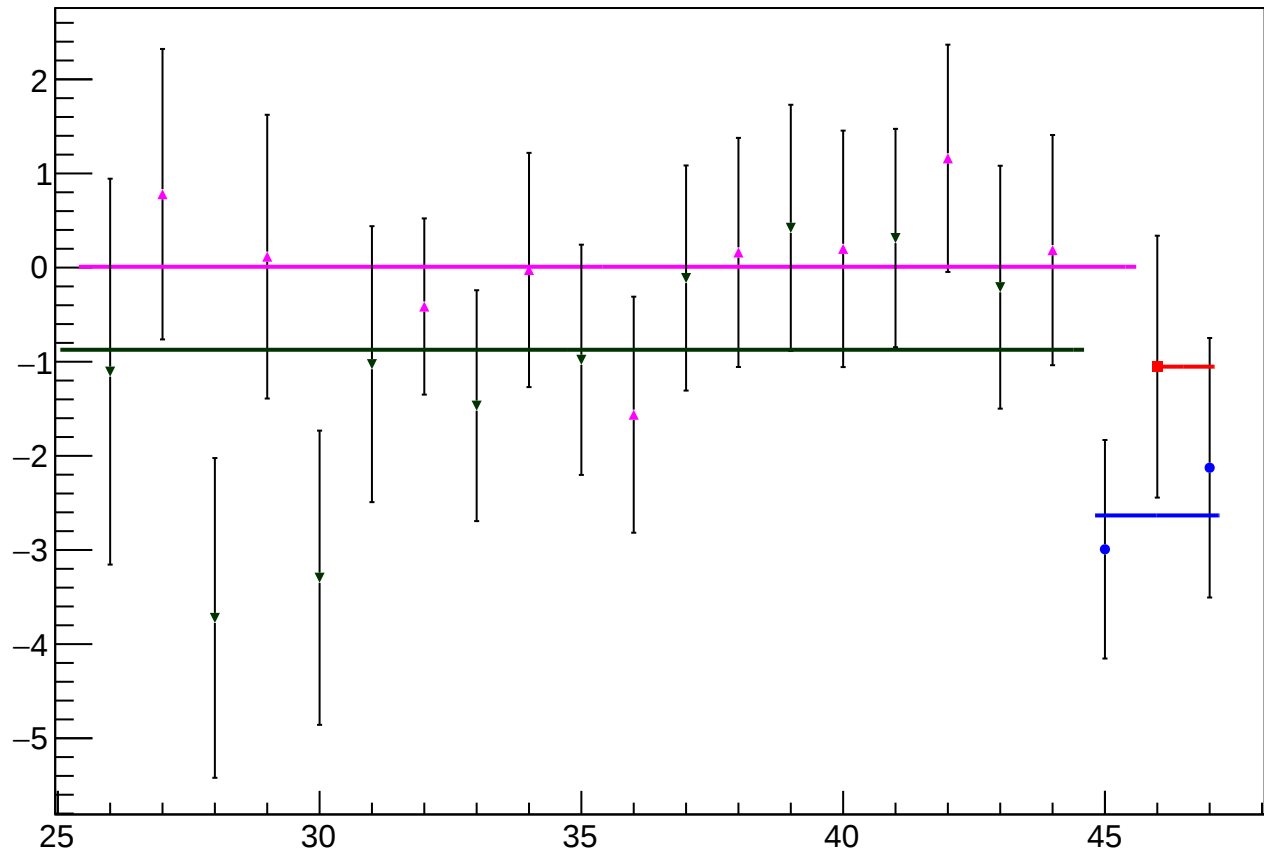
Right Out: 144.497 $\pm$ 0.163 χ^2 /NDF: 0.0/0

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

133.814 $\pm$ 0.039 χ^2 /NDF: 398222.3/11

123.994 $\pm$ 0.037 χ^2 /NDF: 366866.4/9

asym_cav4dQ_mean vs slug



Right In: -2.633+/-0.888 χ^2/NDF : 0.2/1

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

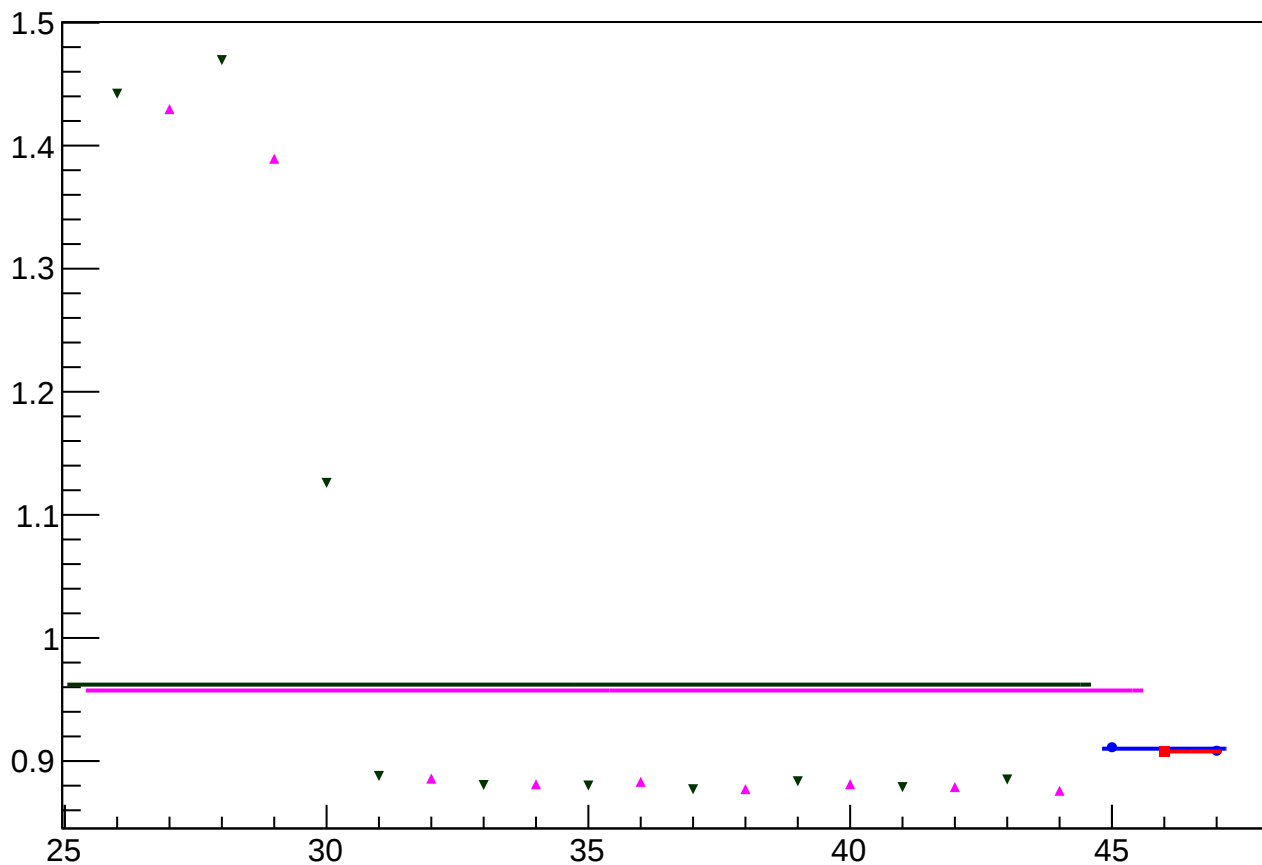
Right Out: -1.052+/-1.391 χ^2/NDF : 0.0/0

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

-1.207+/-0.387 χ^2/NDF : 11.6/11

-0.076+/-0.393 χ^2/NDF : 3.5/9

asym_cav4dQ_rms vs slug



Right In: 0.910+/-0.001 χ^2/NDF : 5.0/1

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

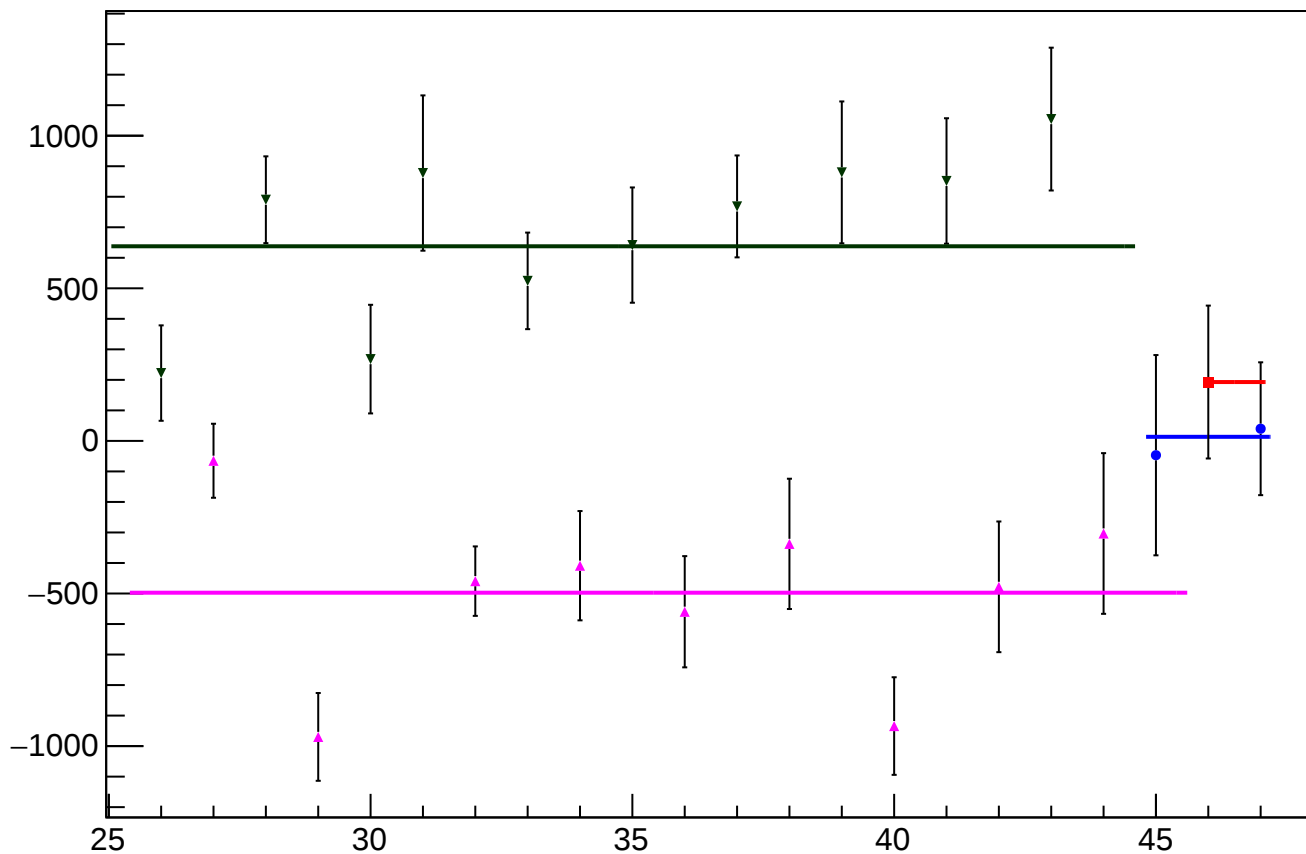
Right Out: 0.908+/-0.001 χ^2/NDF : 0.0/0

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

0.952+/-0.000 χ^2/NDF : 373450.7/11

0.953+/-0.000 χ^2/NDF : 413611.8/9

asym_bcm0l02_mean vs slug



Right In: 13.416 $\pm$ 181.350 χ^2/NDF : 0.0/1

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

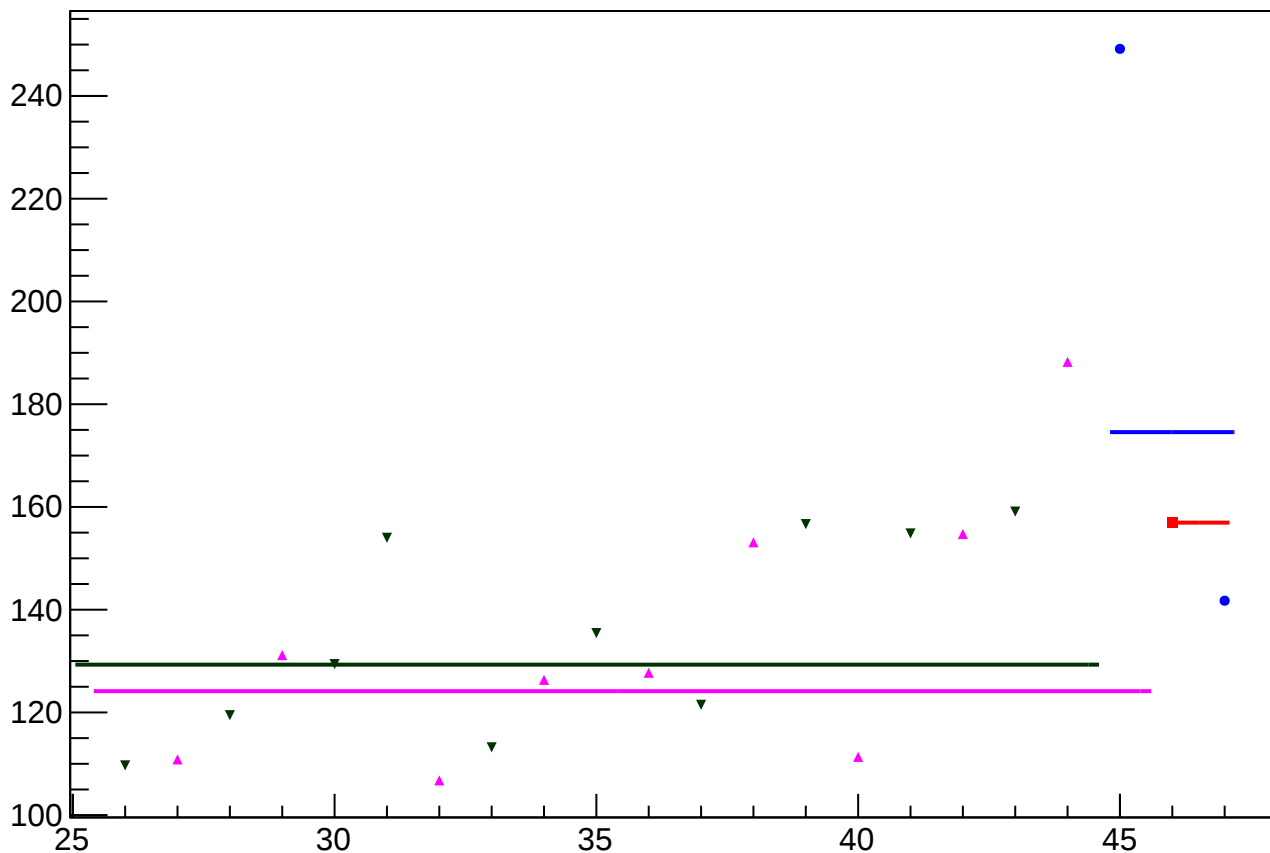
Right Out: 192.873 $\pm$ 250.473 χ^2/NDF : 0.0/0

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

580.547 $\pm$ 54.872 χ^2/NDF : 30.7/11

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

asym_bcm0l02_rms vs slug



Right In: 174.564+/-0.128 χ^2/NDF : 148887.9/1

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

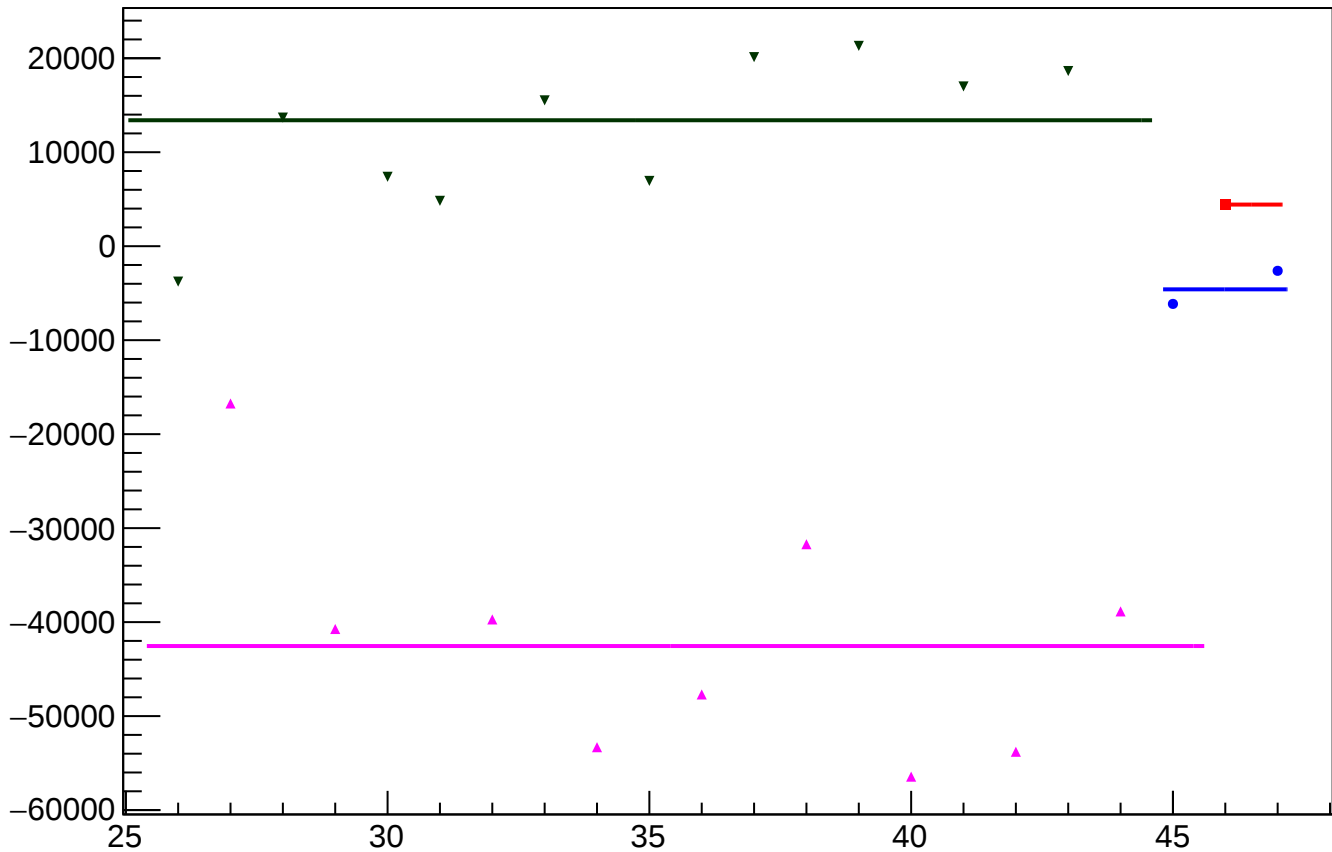
Right Out: 156.950+/-0.177 χ^2/NDF : 0.0/0

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

133.449+/-0.039 χ^2/NDF : 440149.5/11

125.565+/-0.037 χ^2/NDF : 318313.9/9

asym_bpm2i01WS_mean vs slug



Right In: -4592.053+/-100.345 χ^2/NDF : 303.4/1

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

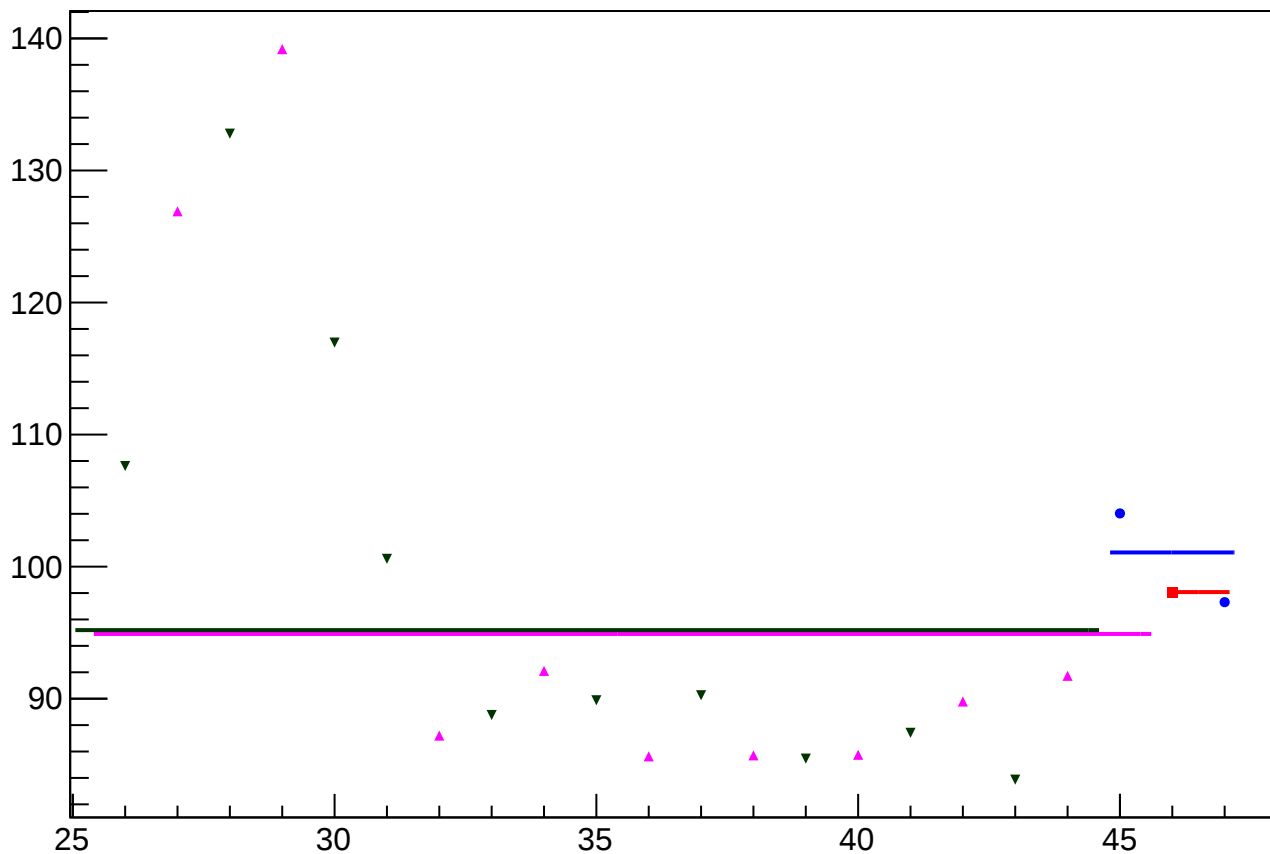
10614.618+/-39.484 χ^2/NDF : 56207.5/11

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: 101.074 $\pm$ 0.071 χ^2 /NDF: 2210.3/1

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

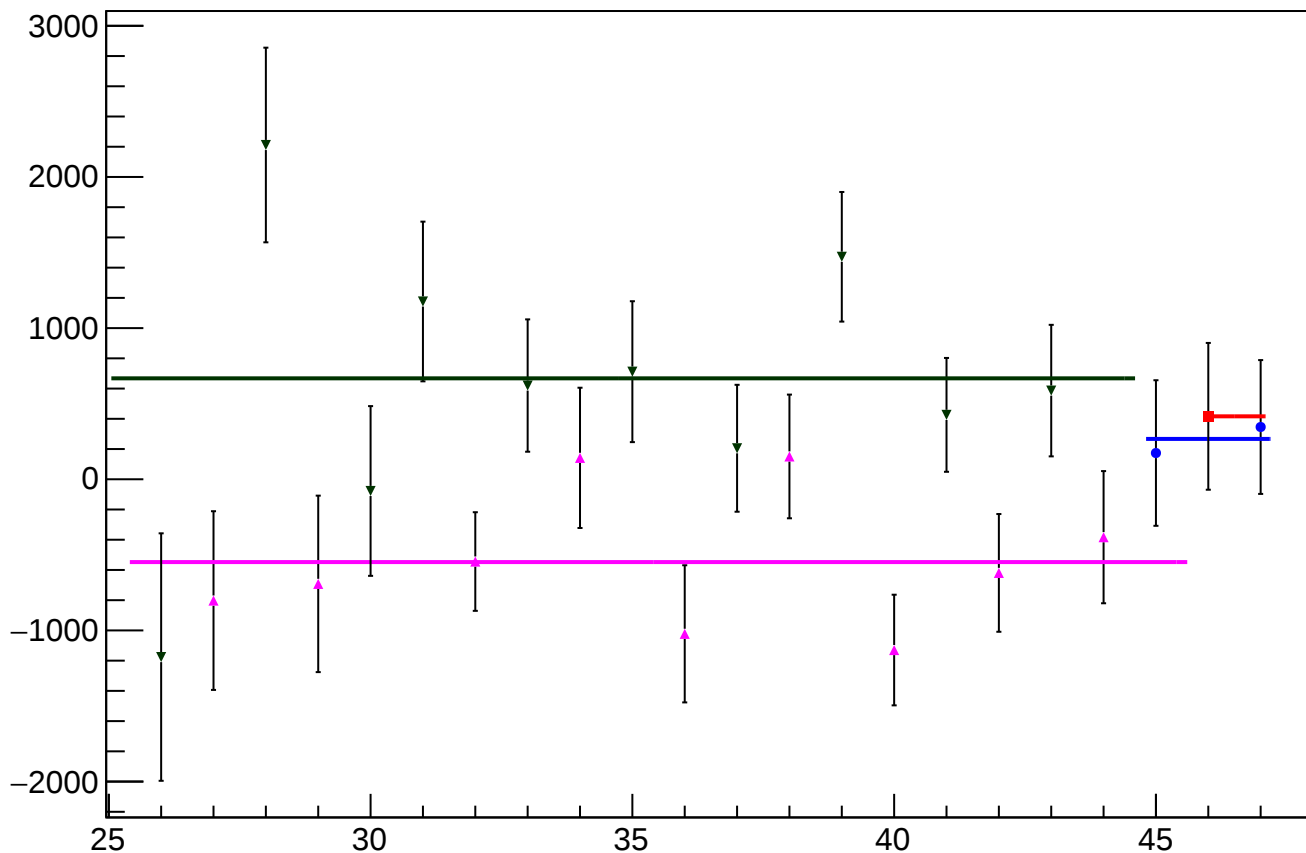
Right Out: 98.073 $\pm$ 0.108 χ^2 /NDF: 0.0/0

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

96.104 $\pm$ 0.028 χ^2 /NDF: 214605.1/11

95.120 $\pm$ 0.028 χ^2 /NDF: 315080.6/9

asym_bpm0i07WS_mean vs slug



Right In: 266.940+/-325.918 χ^2/NDF : 0.1/1

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

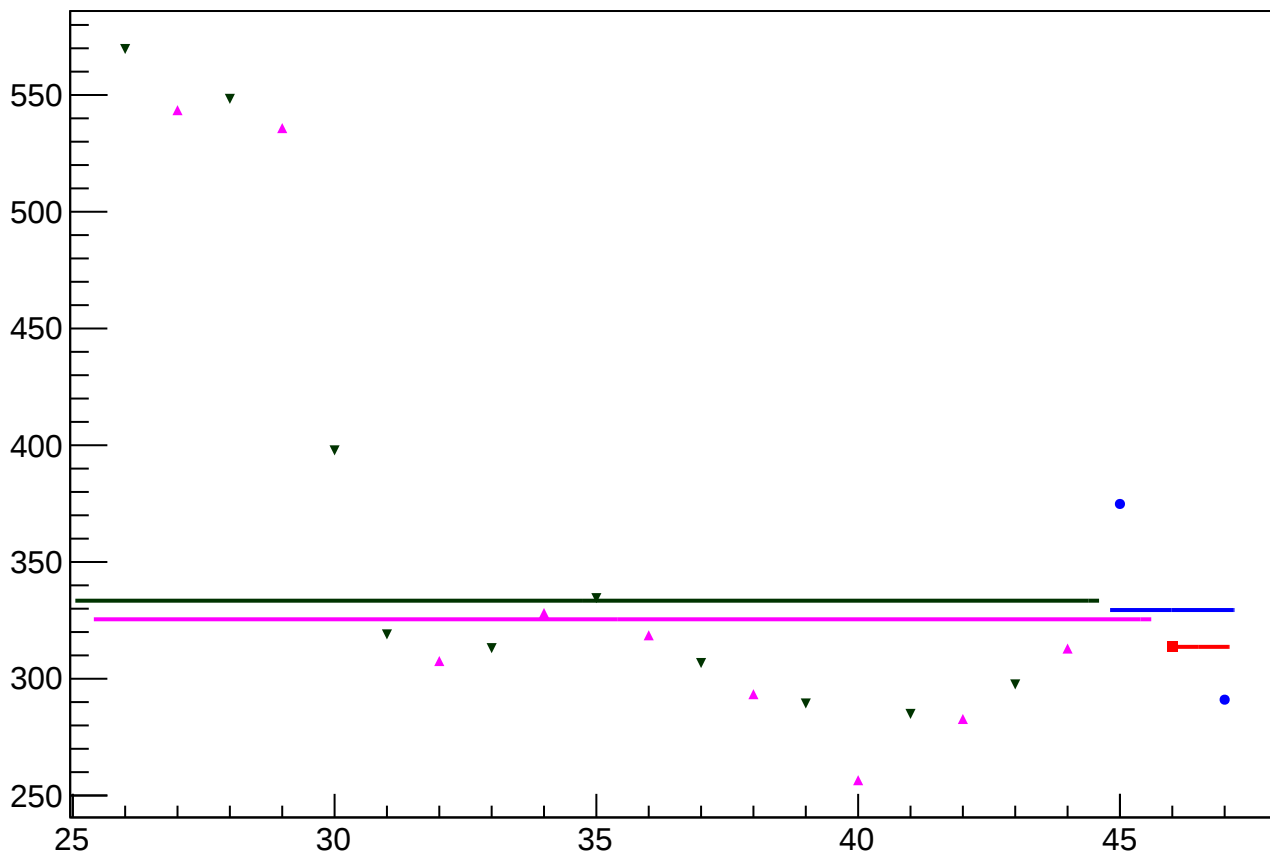
Right Out: 416.389+/-485.589 χ^2/NDF : 0.0/0

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

597.008+/-136.921 χ^2/NDF : 20.0/11

-472.437+/-135.837 χ^2/NDF : 12.8/9

asym_bpm0i07WS_rms vs slug



Right In: 329.429 $\pm$ 0.230 χ^2/NDF : 32836.9/1

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

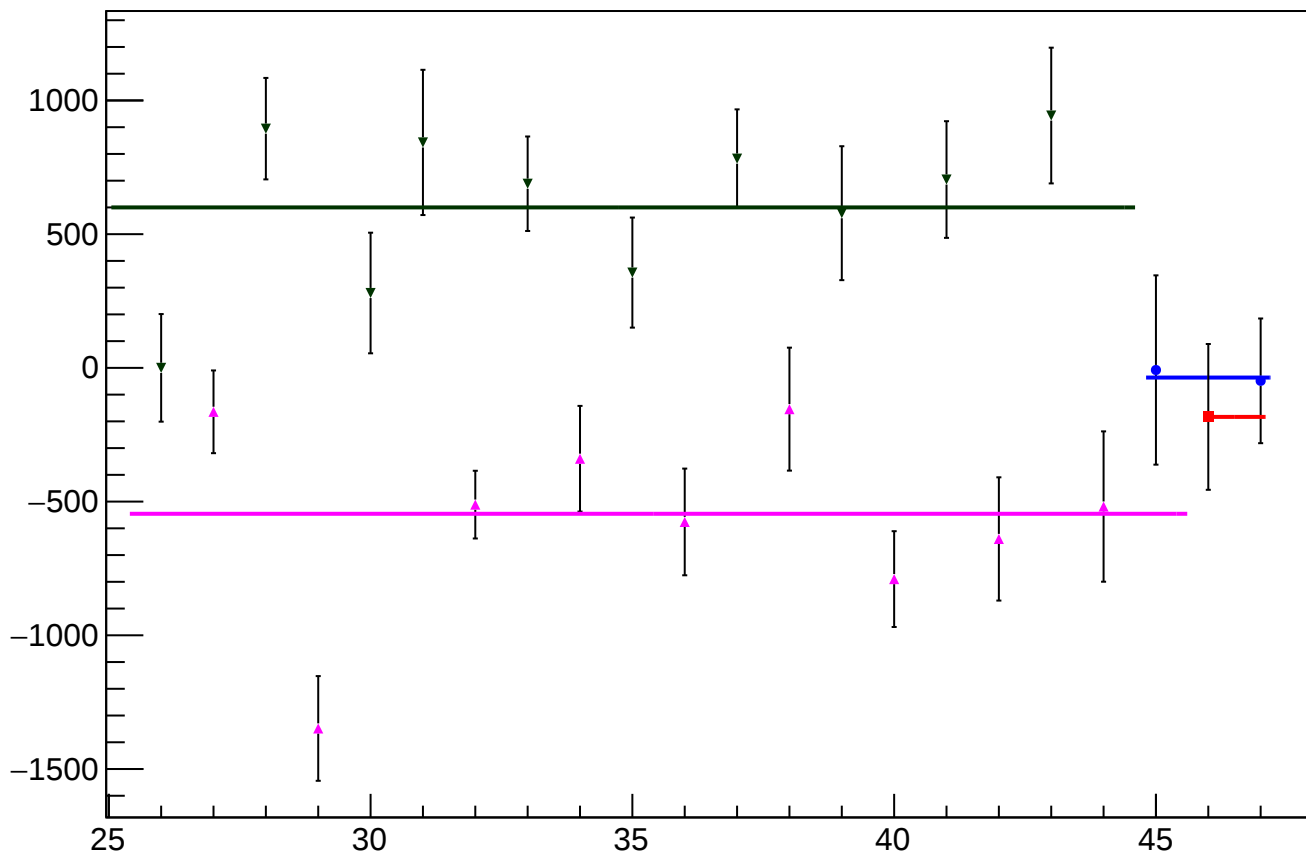
Right Out: 313.656 $\pm$ 0.343 χ^2/NDF : 0.0/0

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

332.722 $\pm$ 0.097 χ^2/NDF : 530489.6/11

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

asym_bpm0l01WS_mean vs slug



Right In: -36.190 ± 194.704 $\chi^2/\text{NDF}: 0.0/1$

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

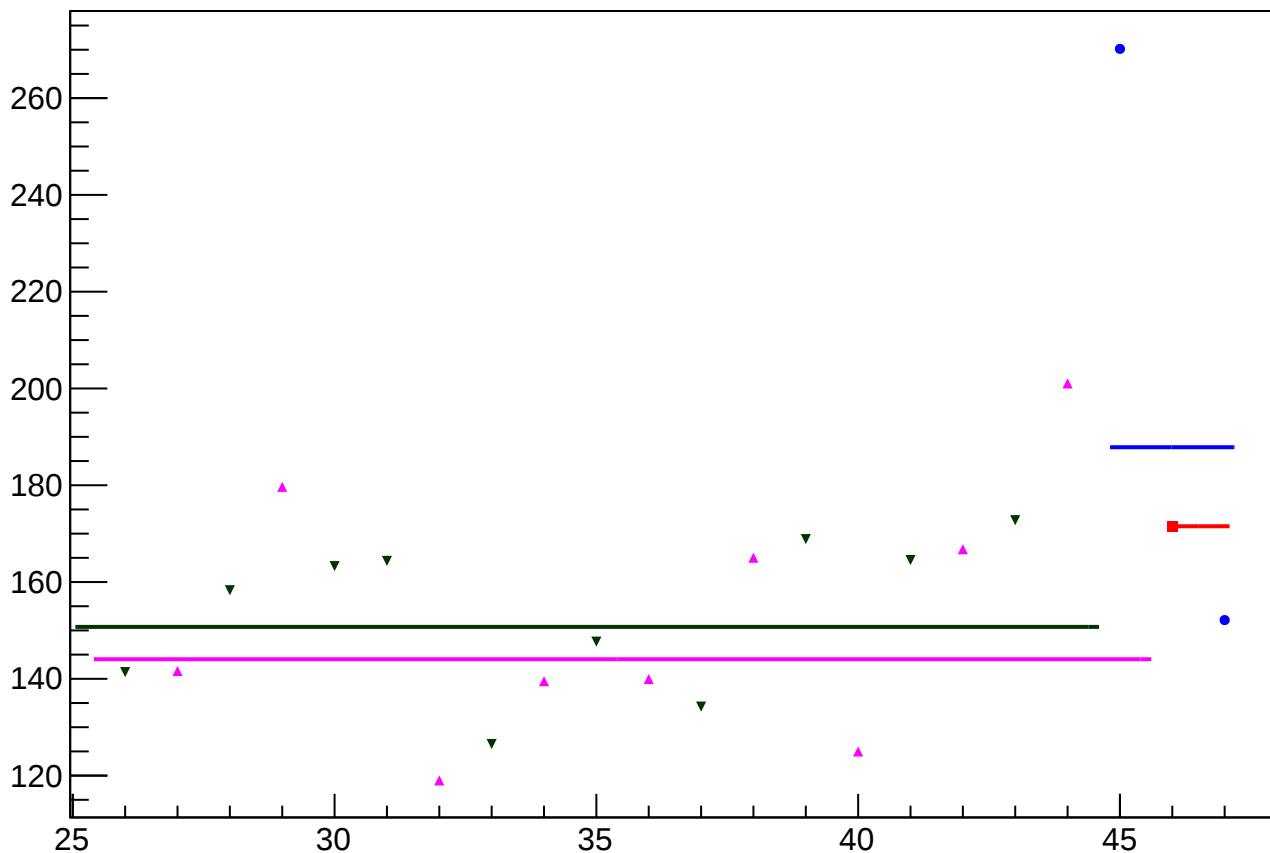
Right Out: -183.328 ± 272.619 $\chi^2/\text{NDF}: 0.0/0$

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

532.830 ± 63.287 $\chi^2/\text{NDF}: 28.4/11$

-527.947 ± 60.190 $\chi^2/\text{NDF}: 30.7/9$

asym_bpm0l01WS_rms vs slug



Right In: 187.857+/-0.138 χ^2/NDF : 155119.8/1

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

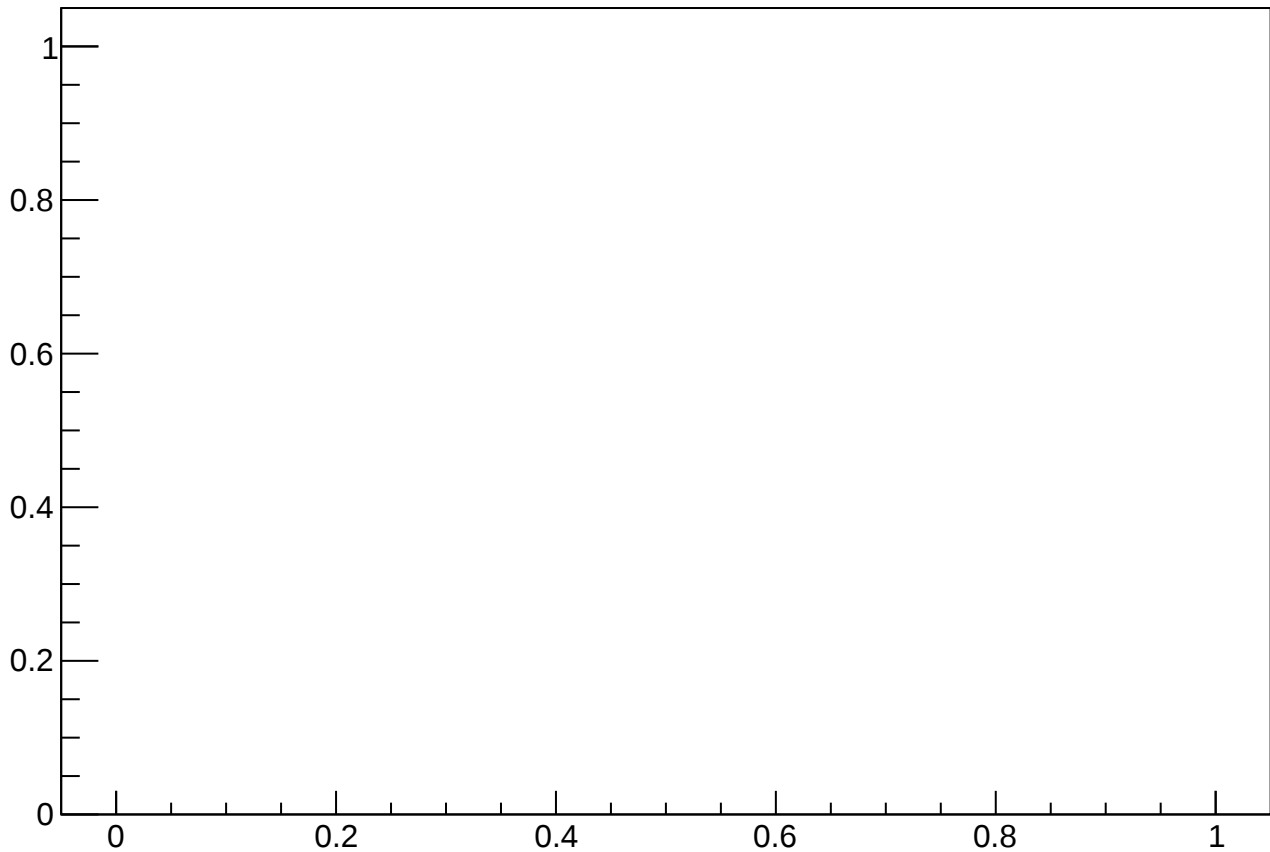
Right Out: 171.525+/-0.193 χ^2/NDF : 0.0/0

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

154.655+/-0.045 χ^2/NDF : 326460.1/11

145.389+/-0.043 χ^2/NDF : 307102.9/9

bcm_an_us_ds_avg_mean vs slug



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

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

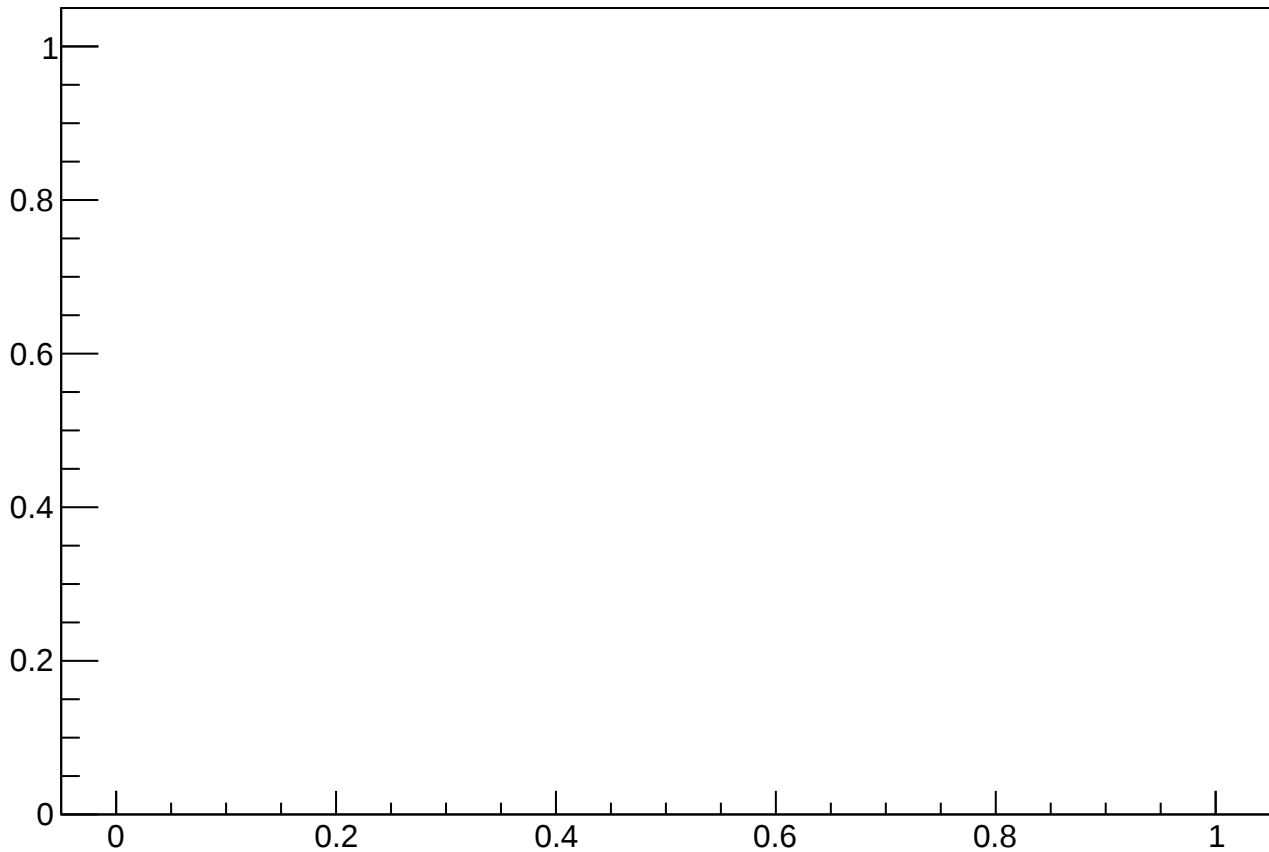
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

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

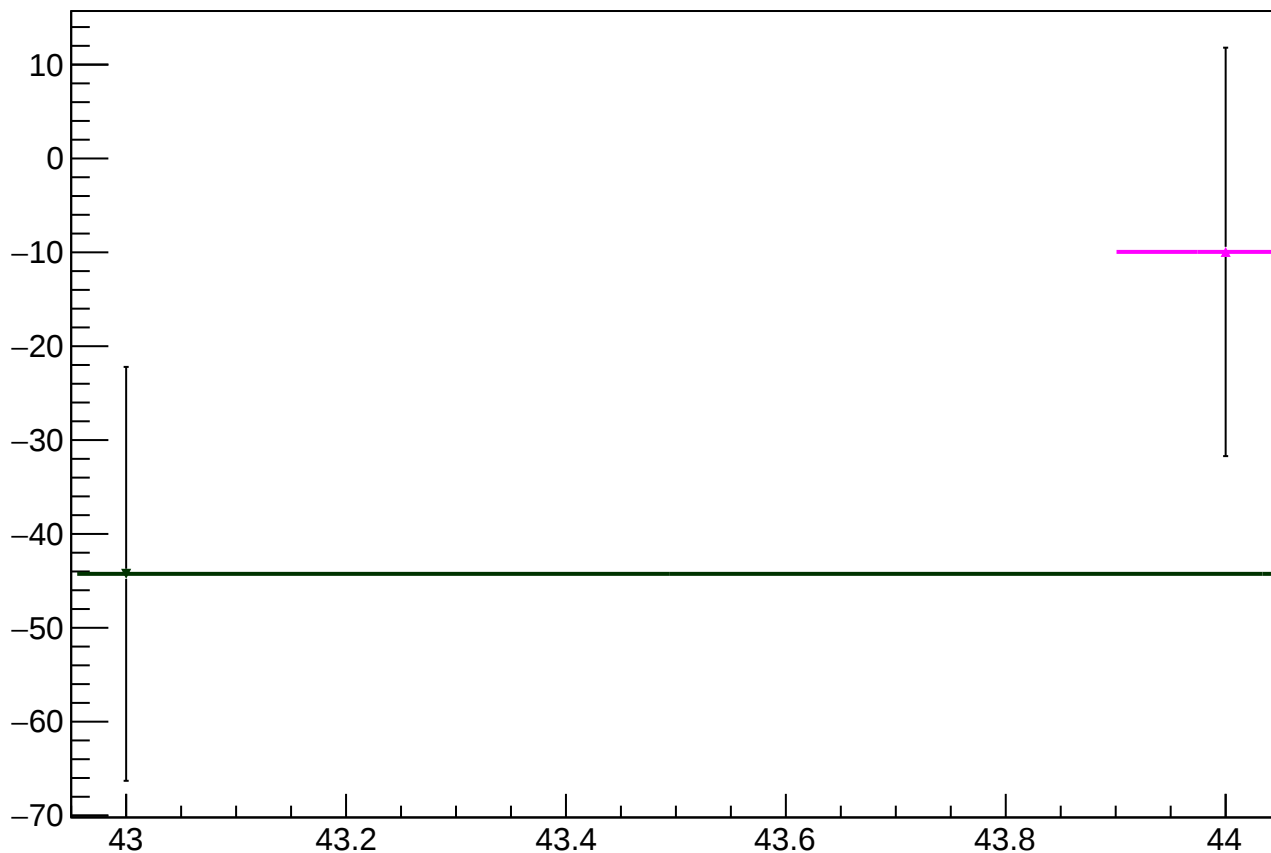
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



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

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

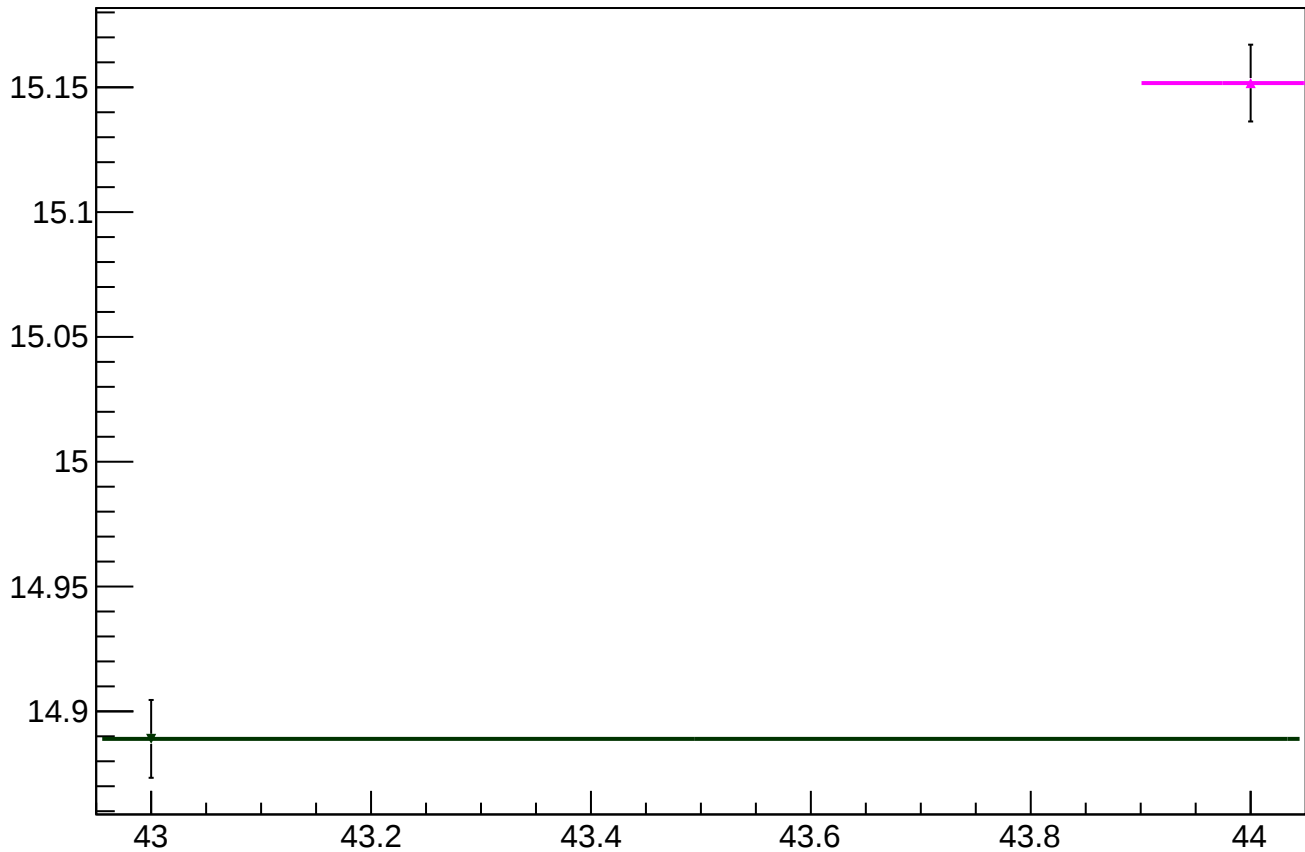
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

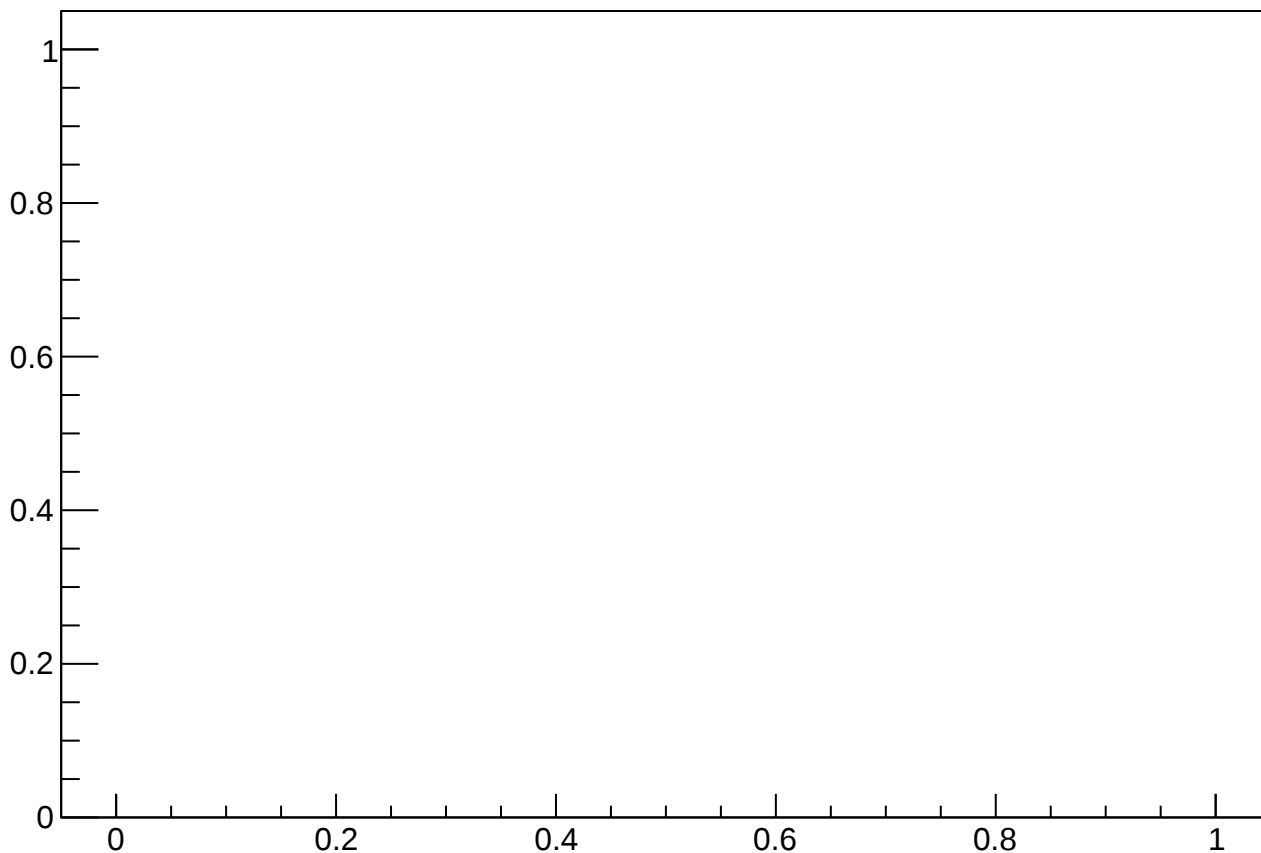
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

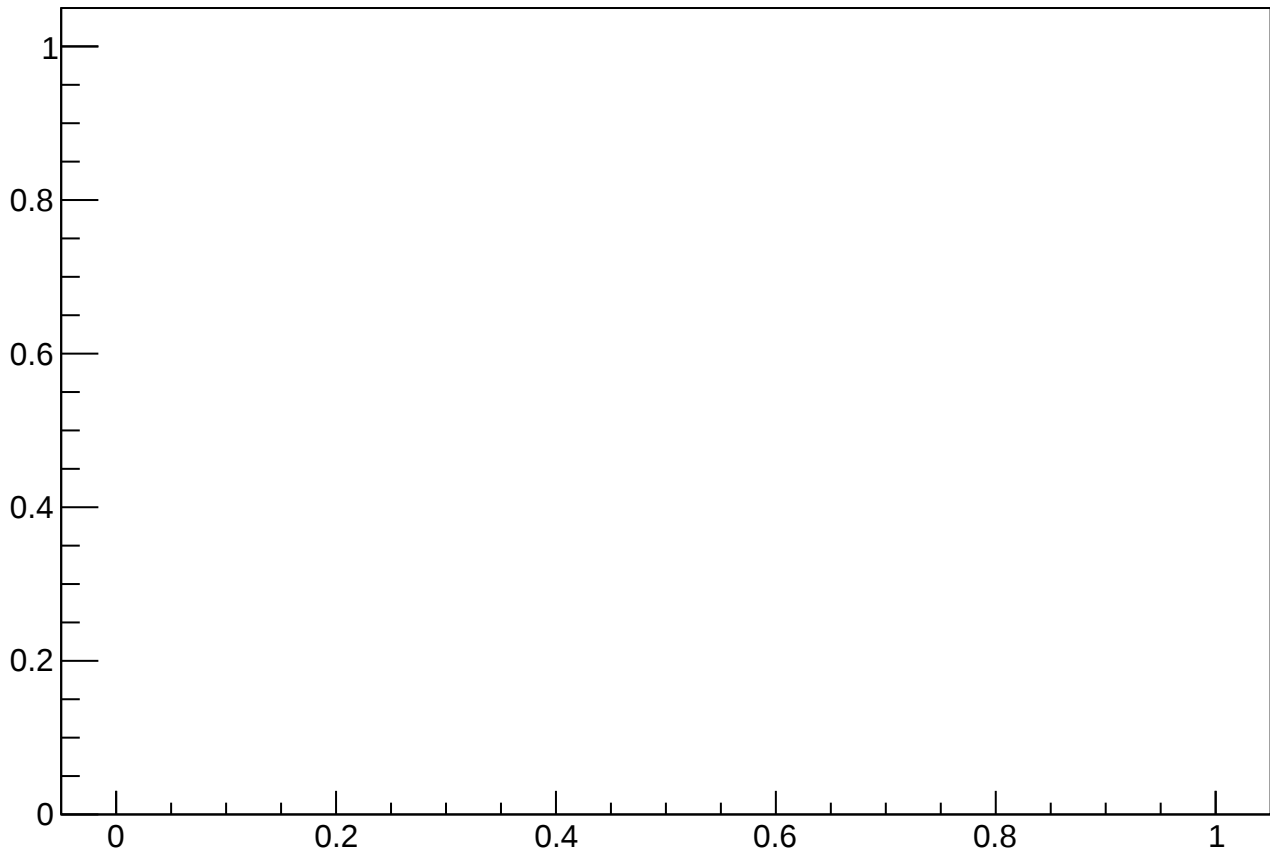
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

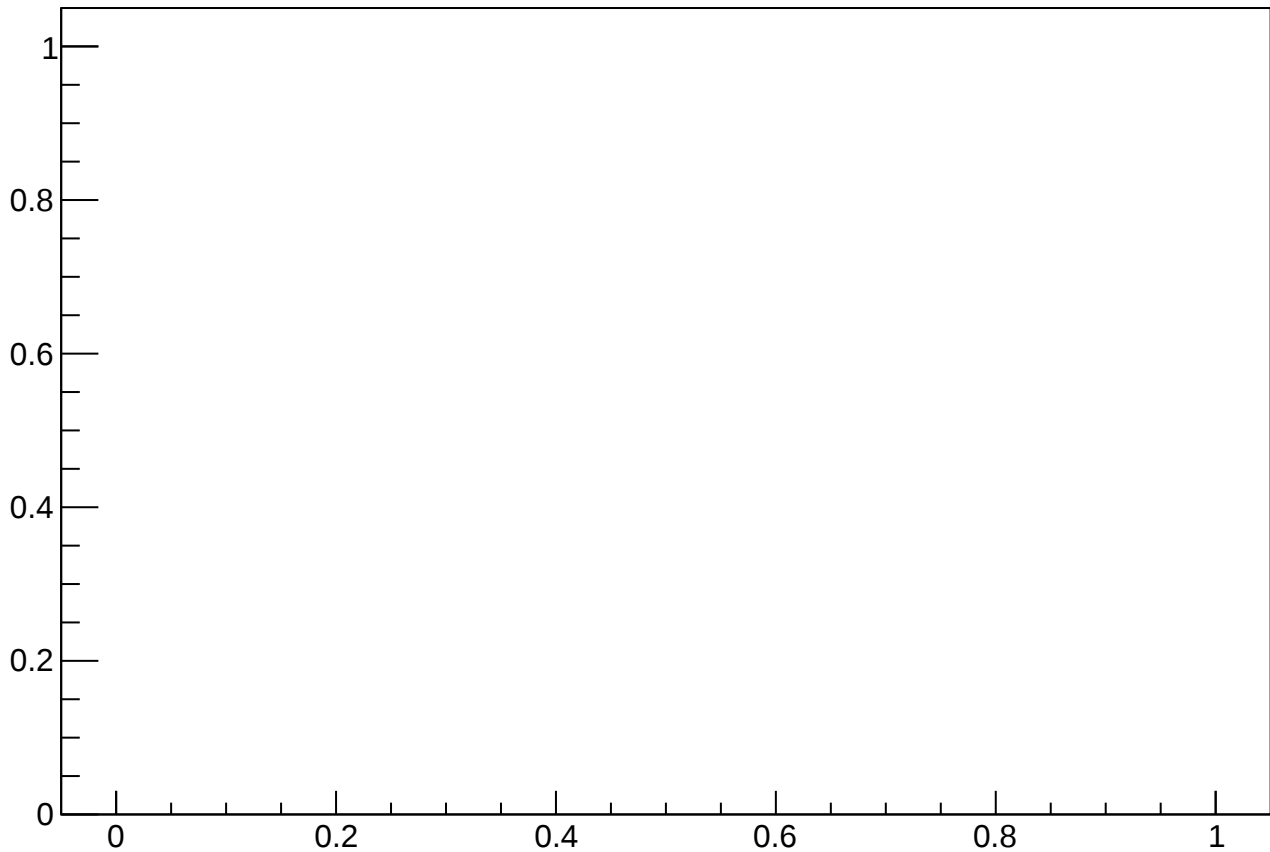
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

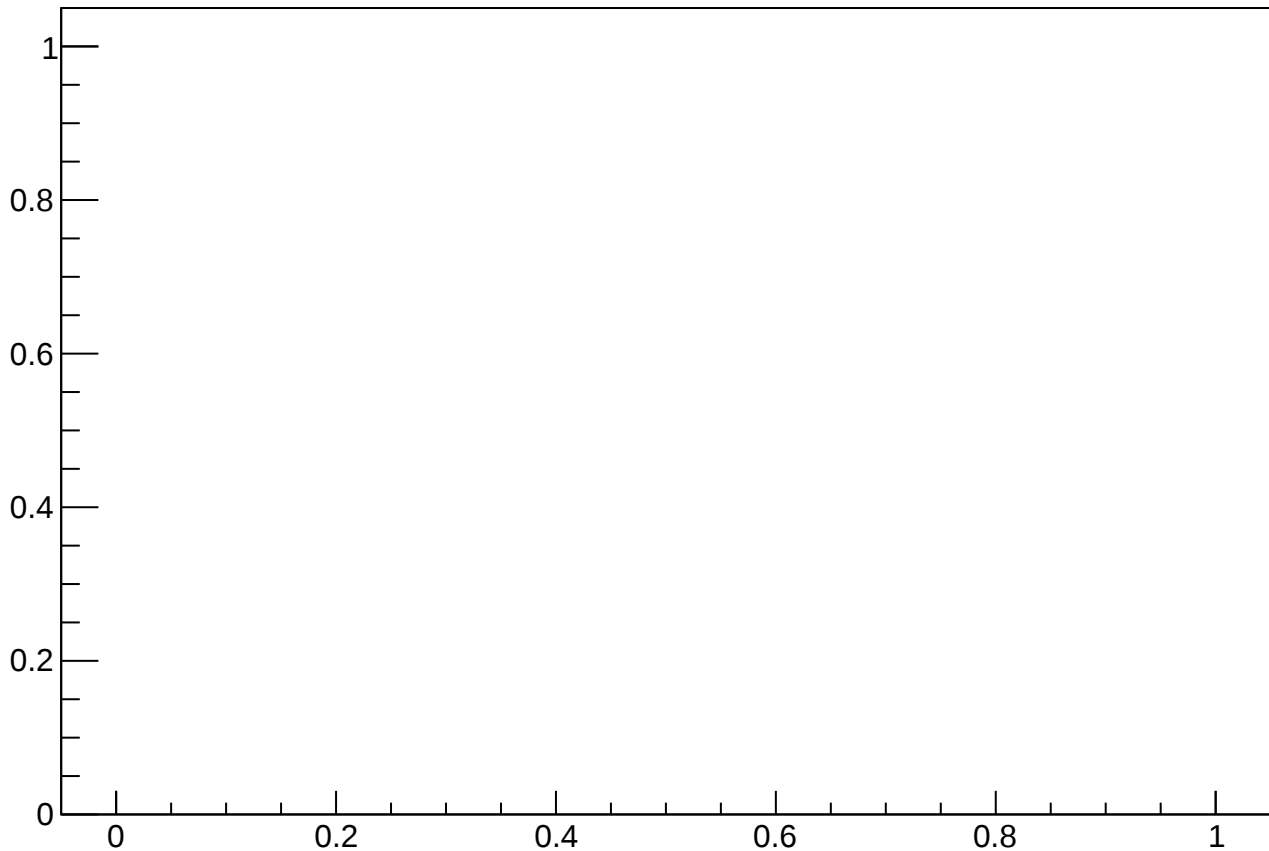
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

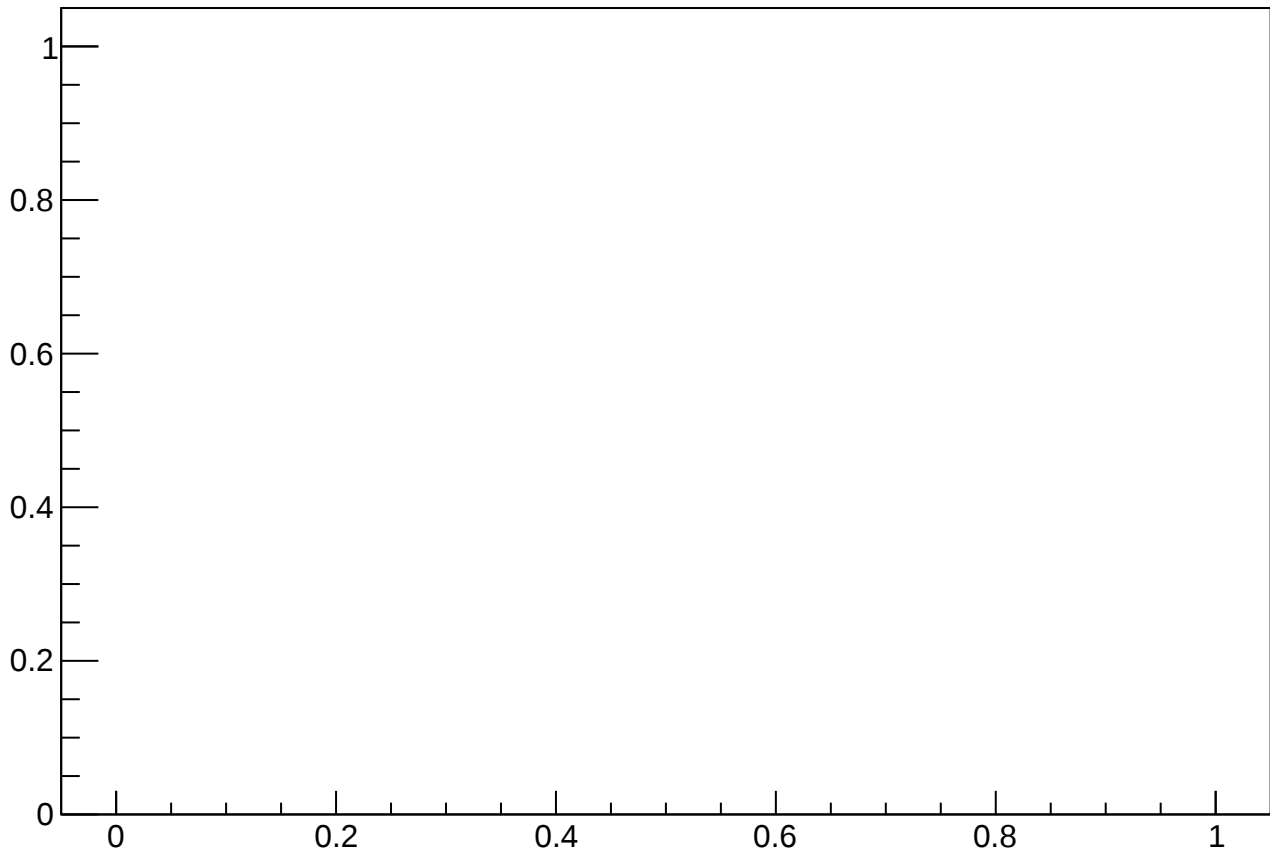
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

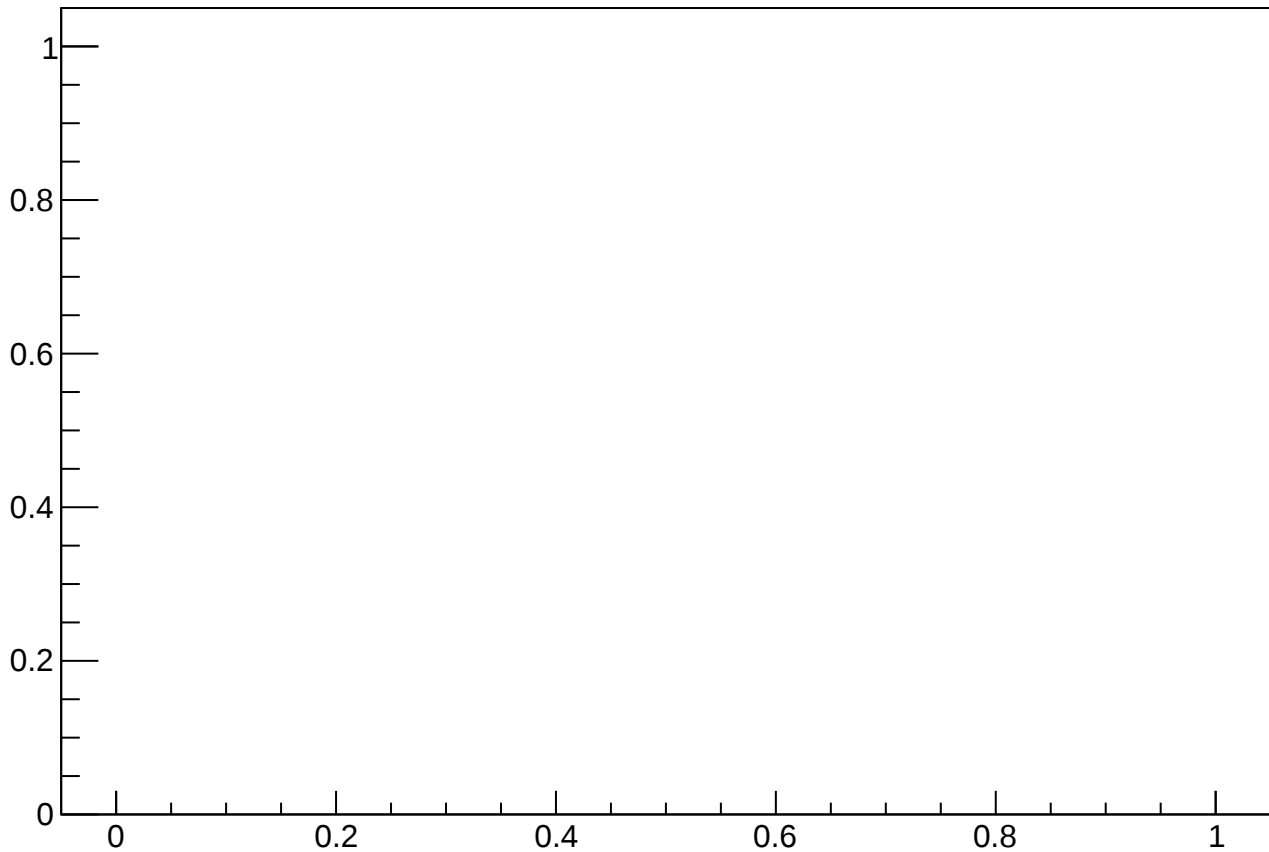
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

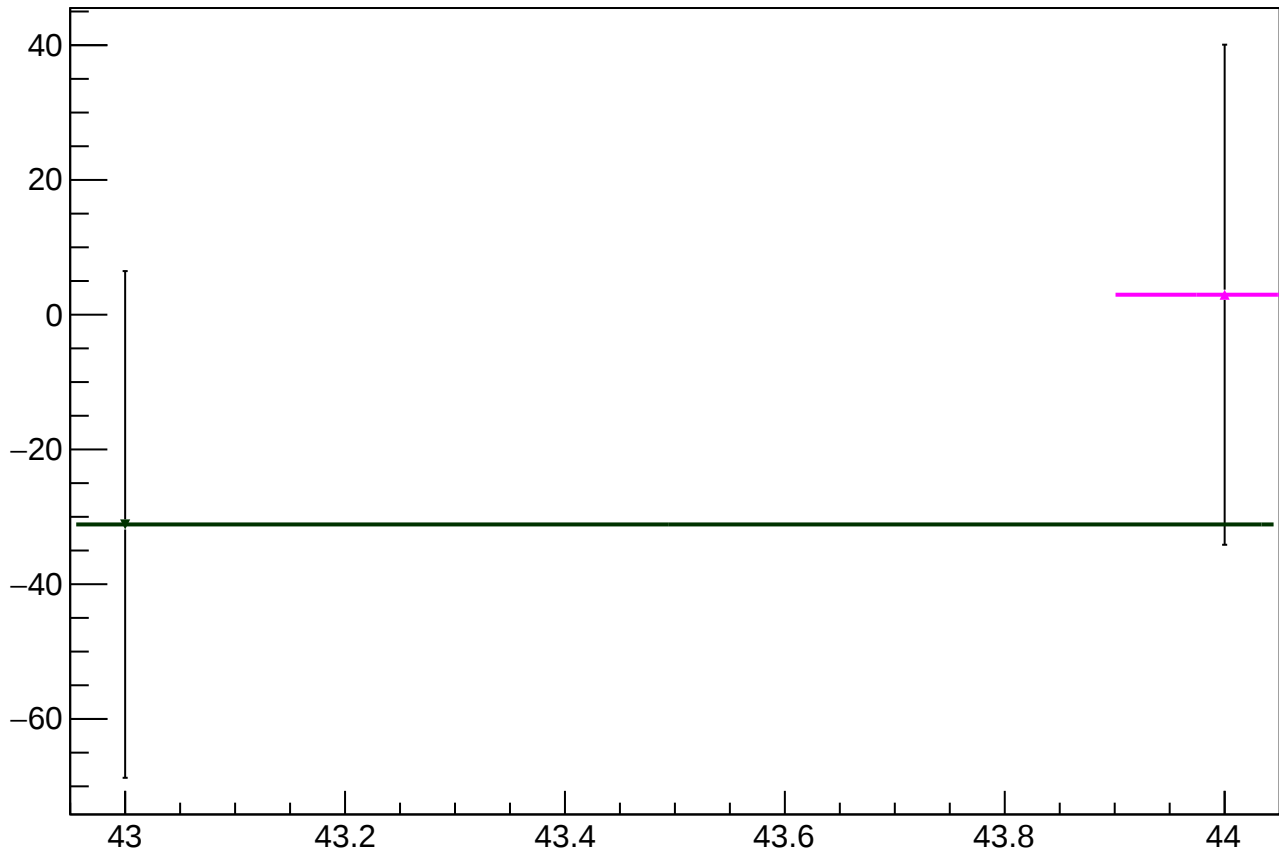
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs slug



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

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

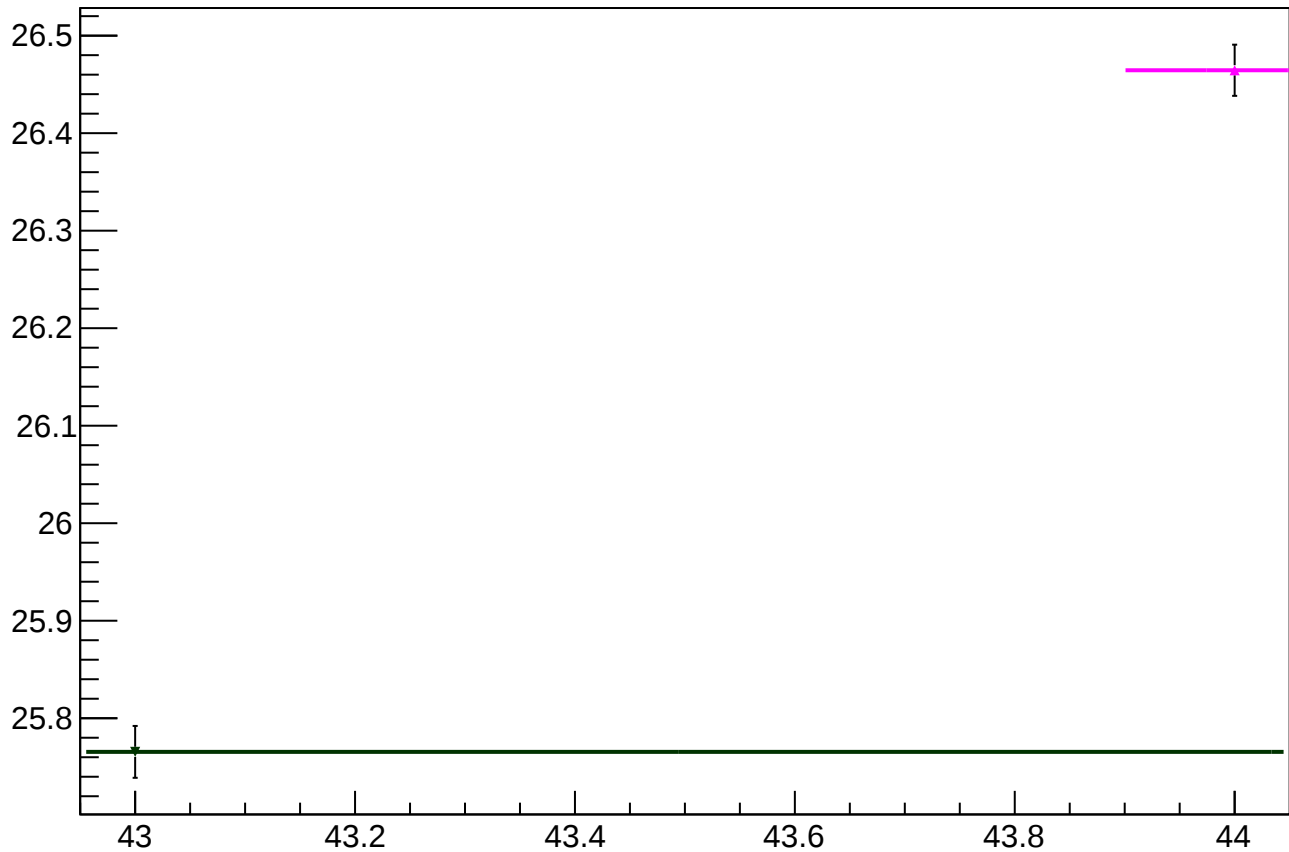
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

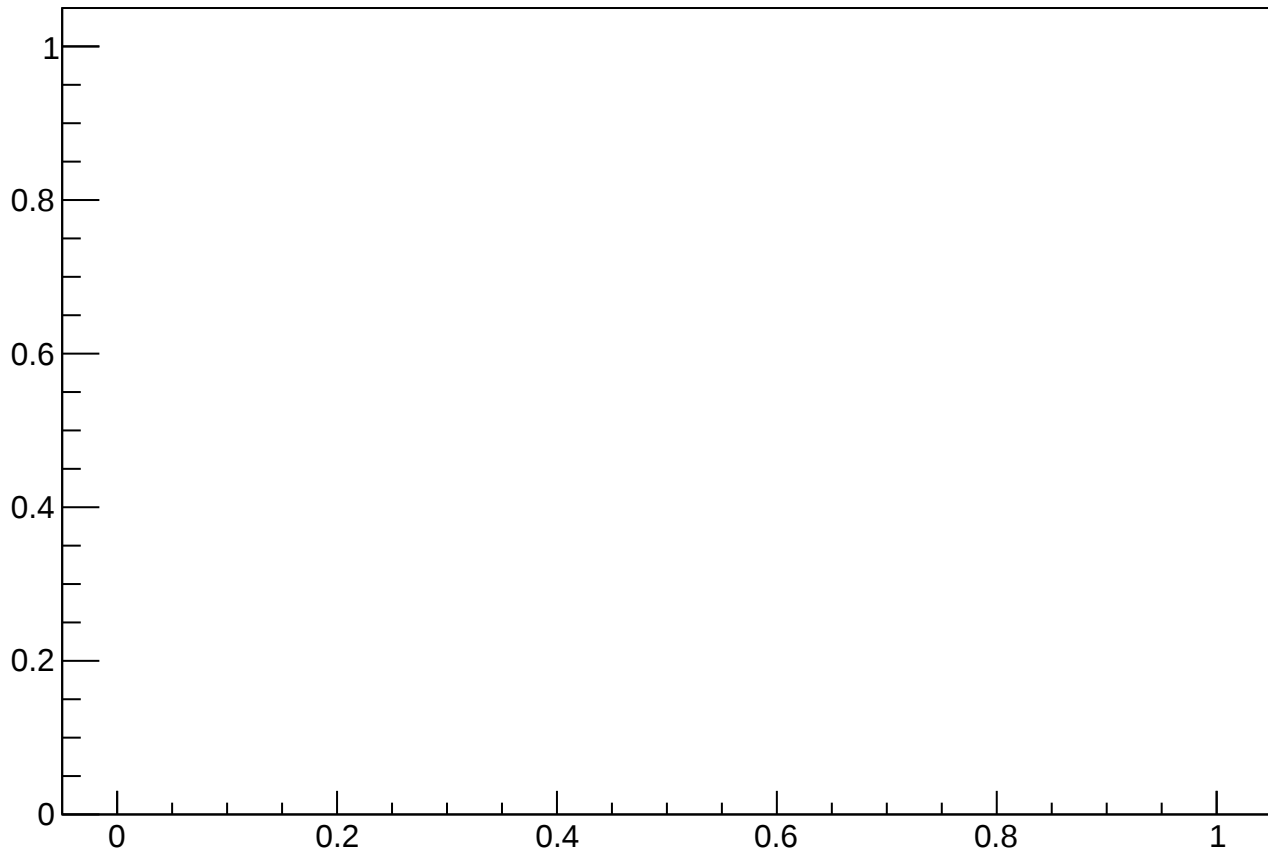
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

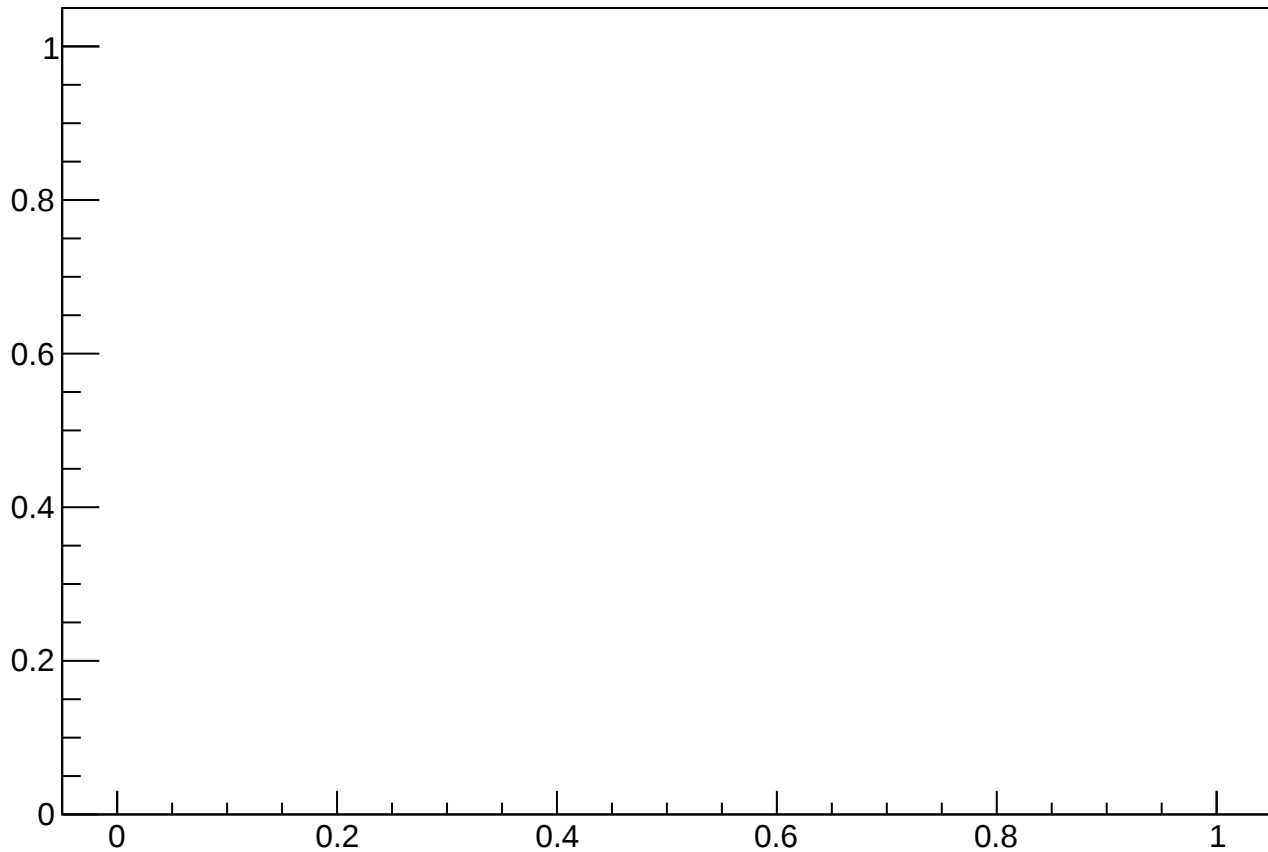
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

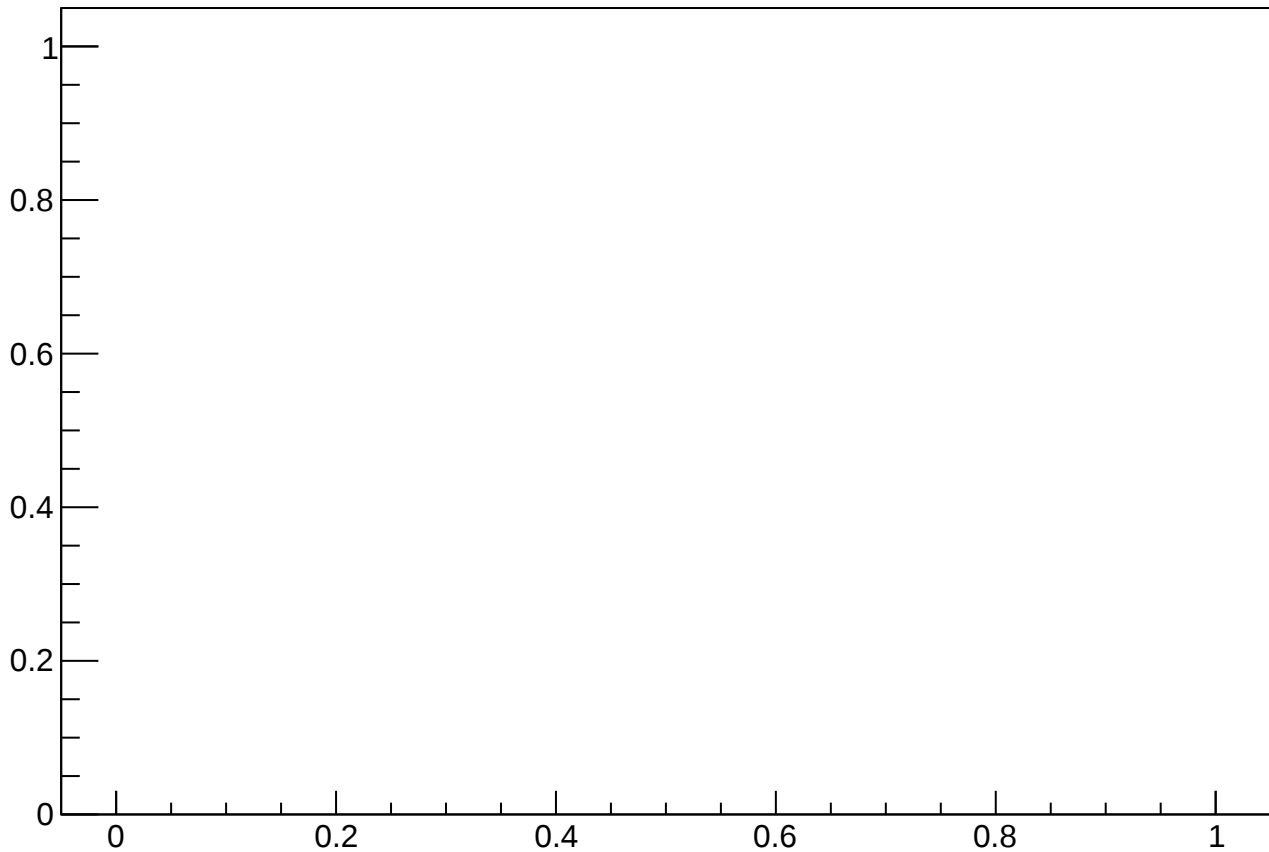
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

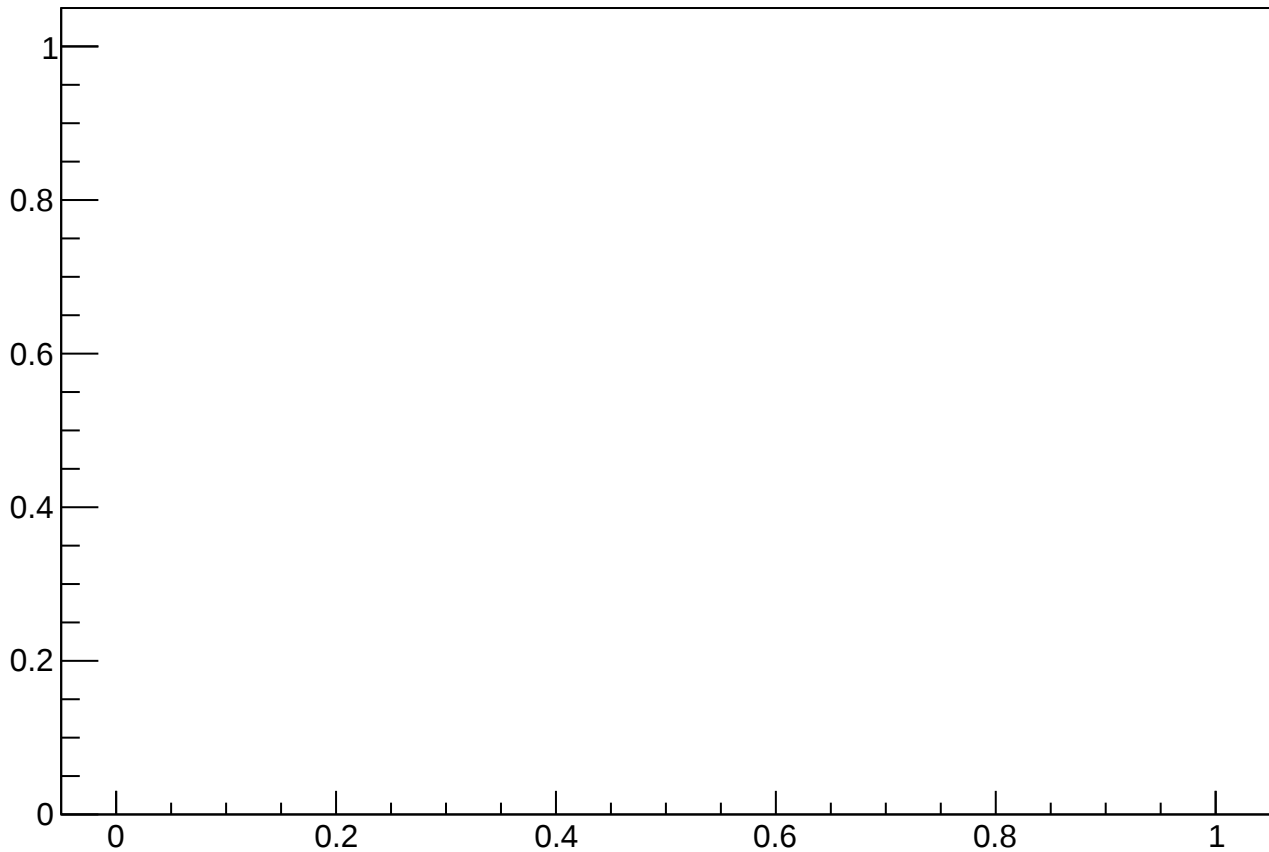
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

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

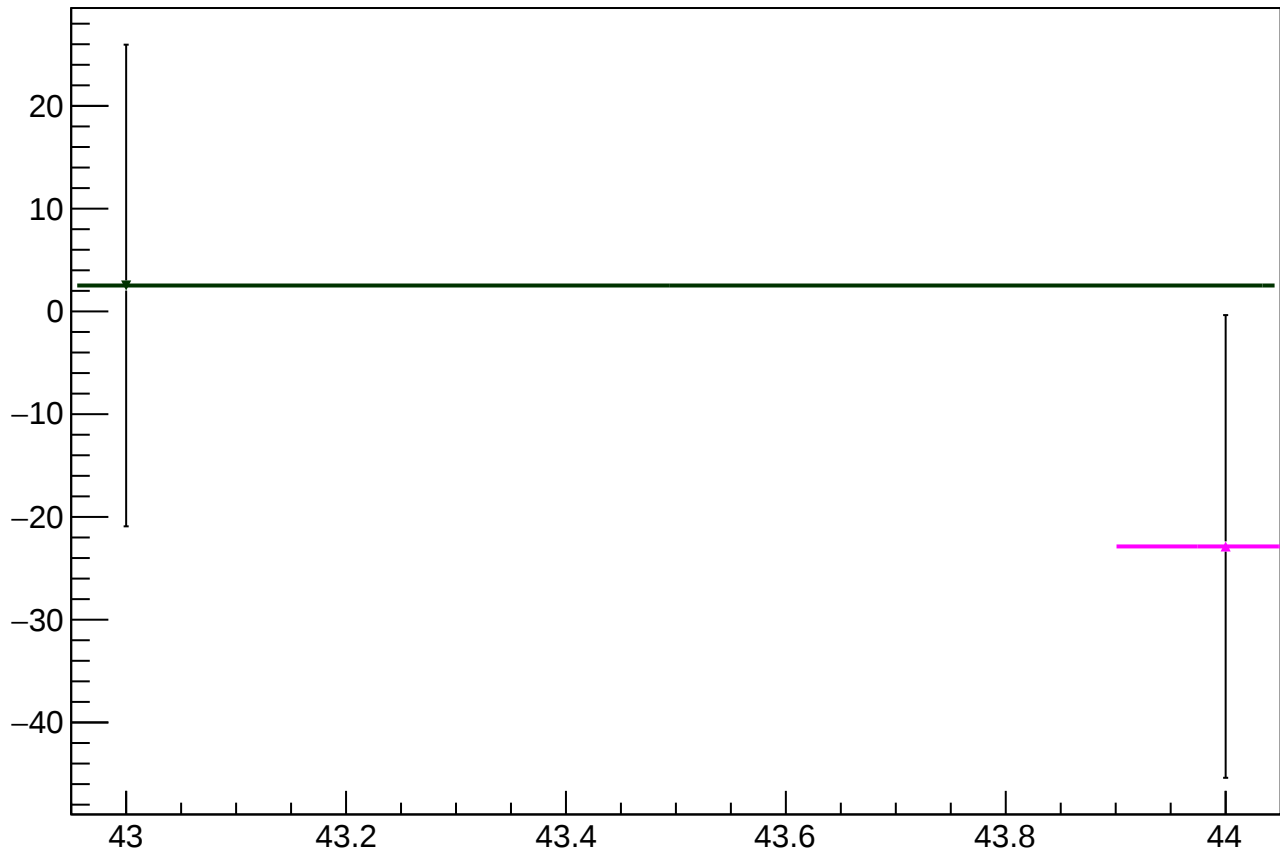
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

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

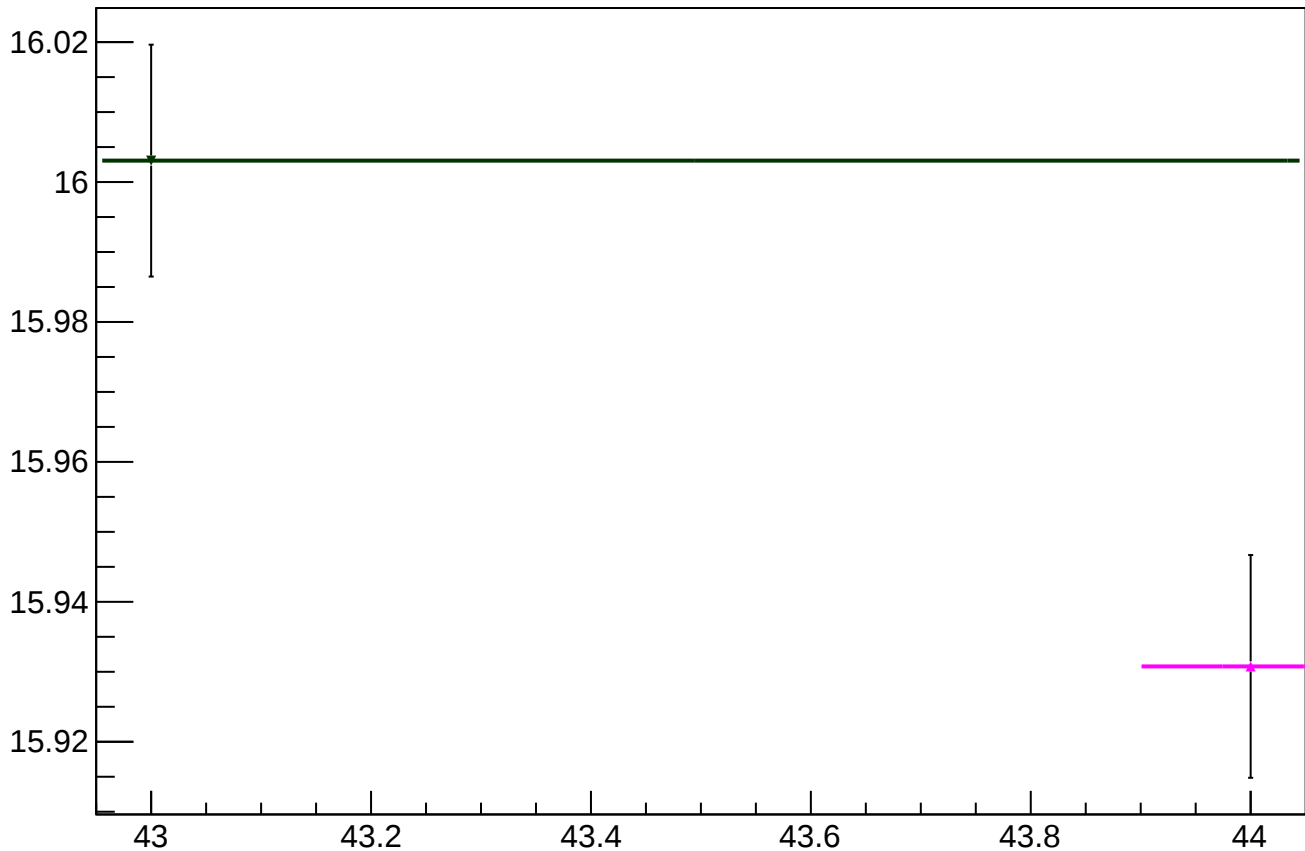
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

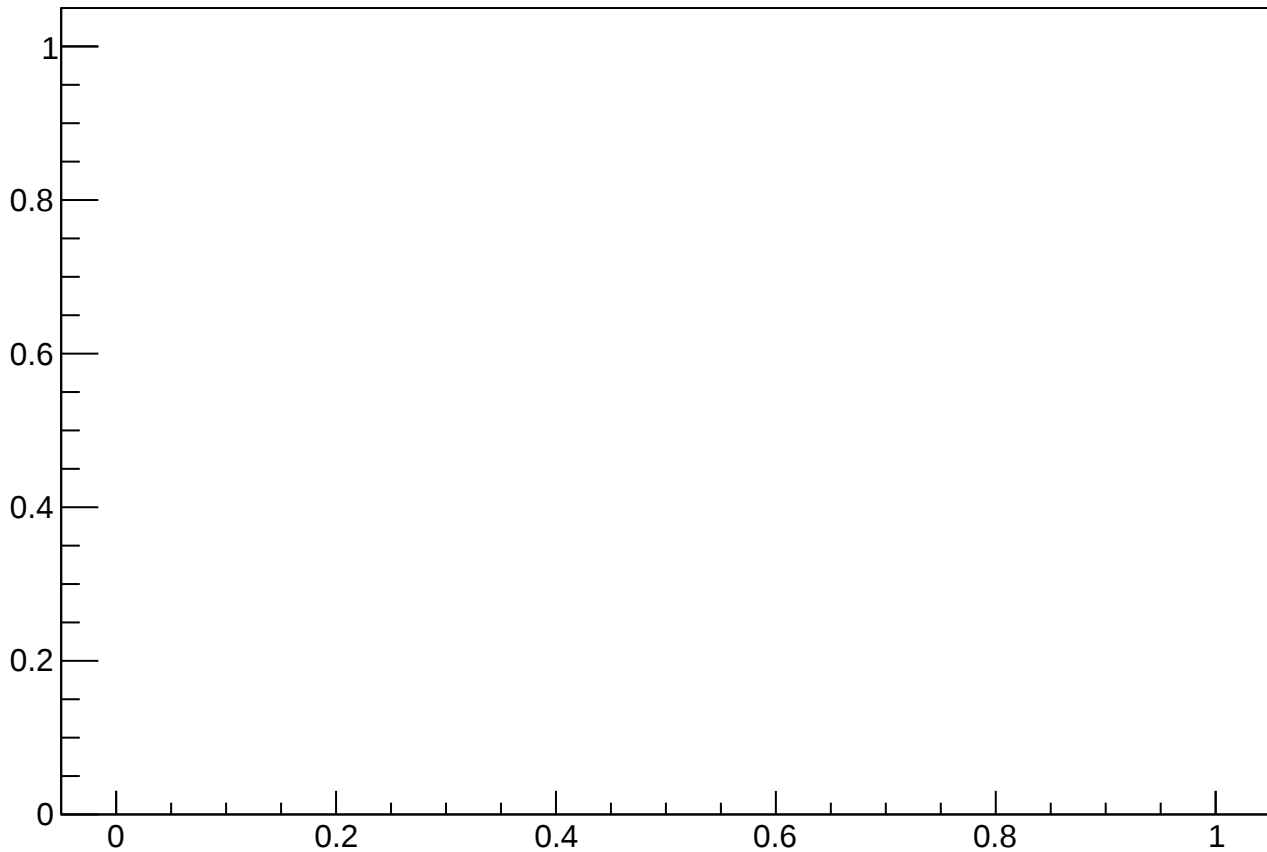
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

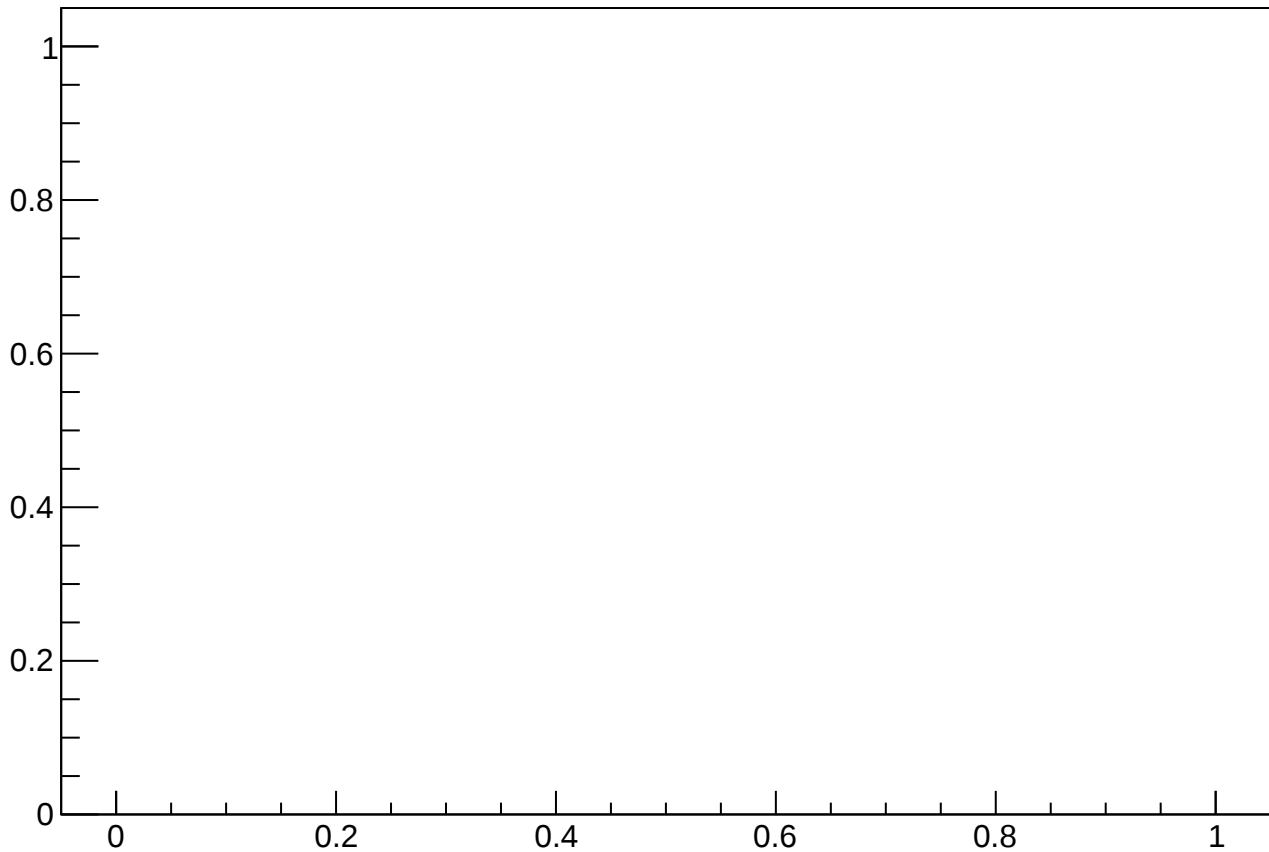
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

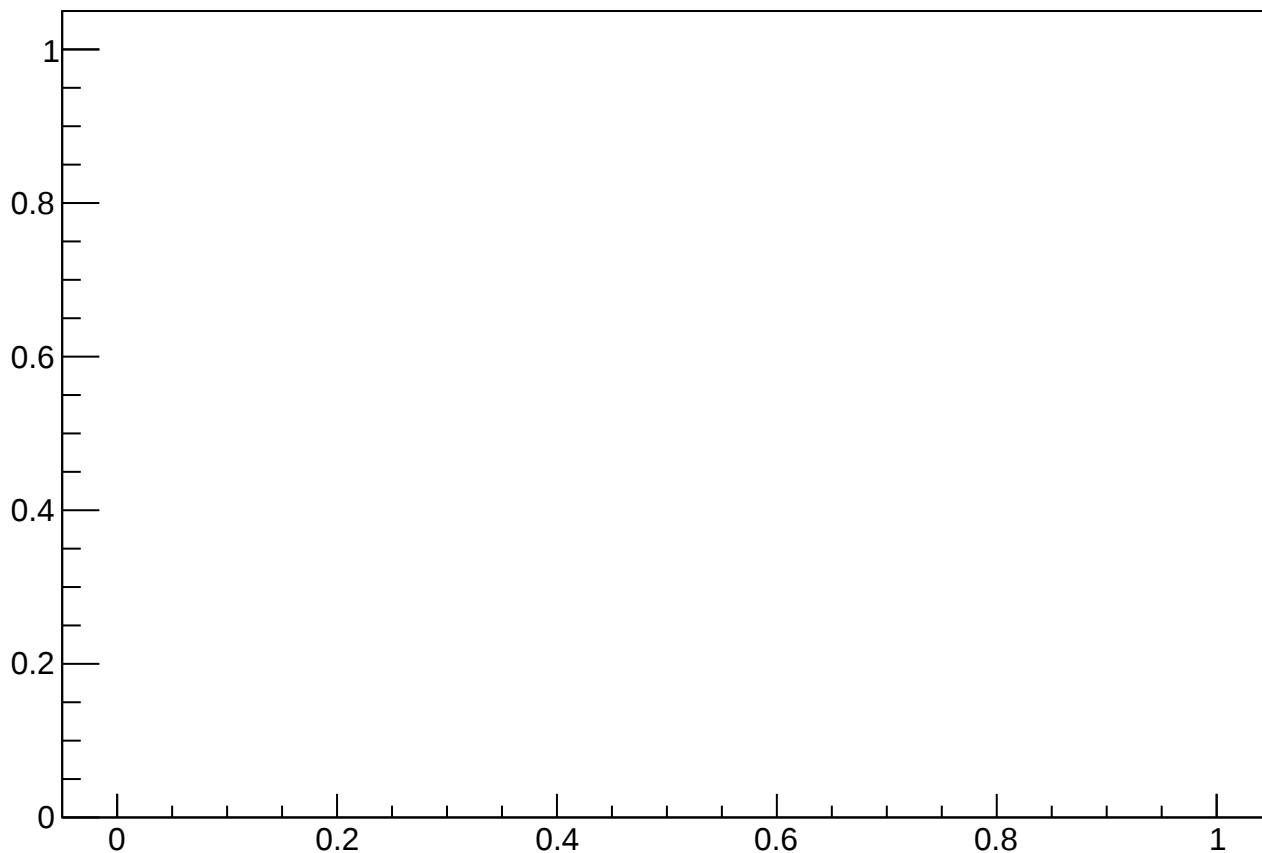
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_dd _mean vs slug



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

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

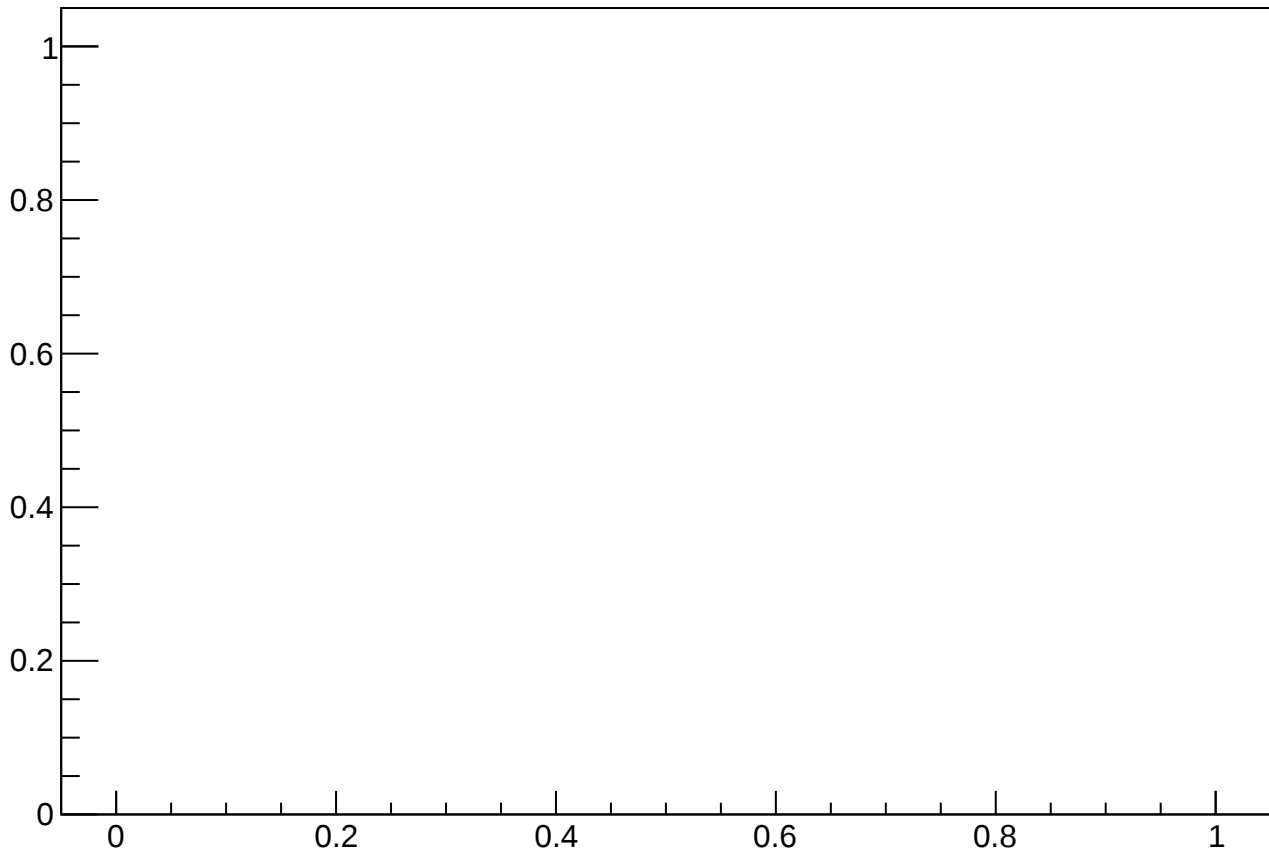
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

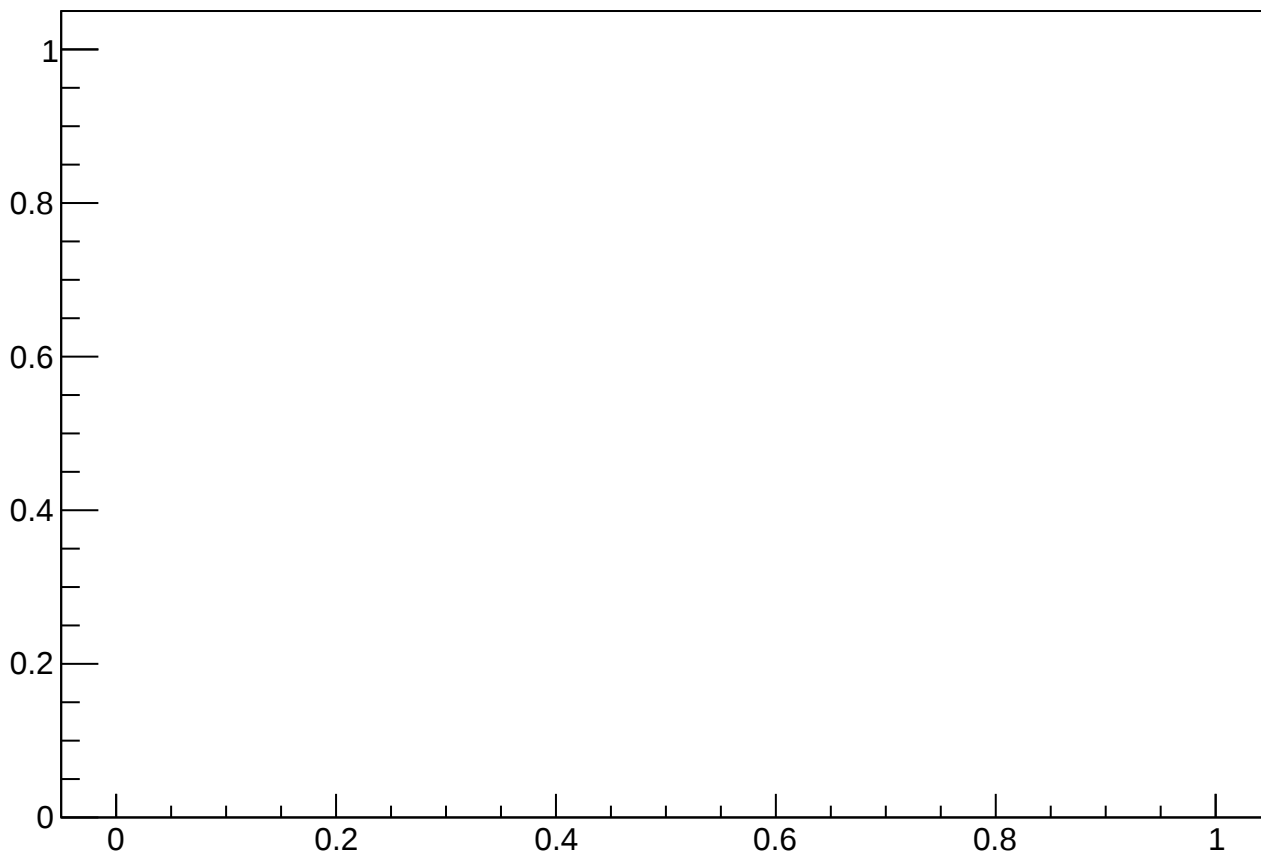
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

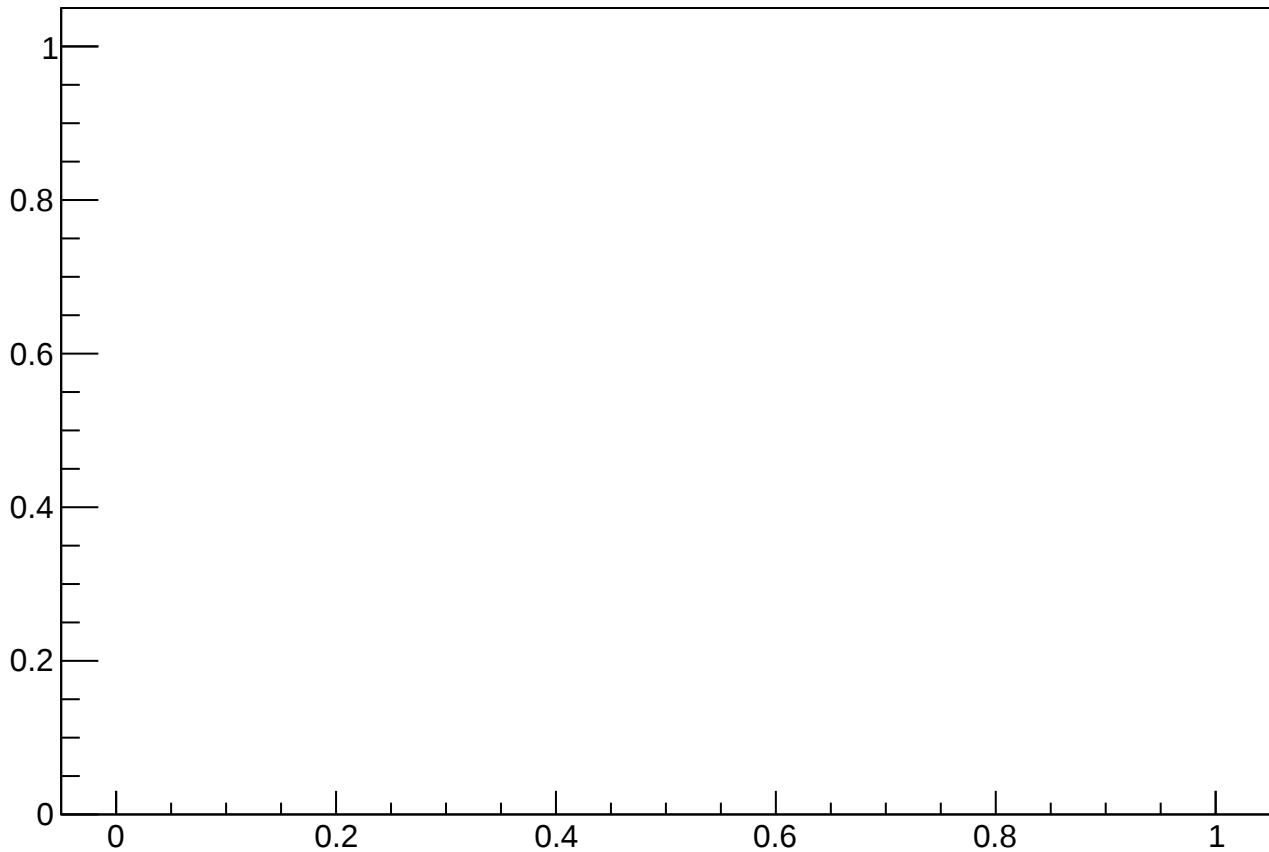
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_cav4cQ_ds_avg_rms vs slug



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

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

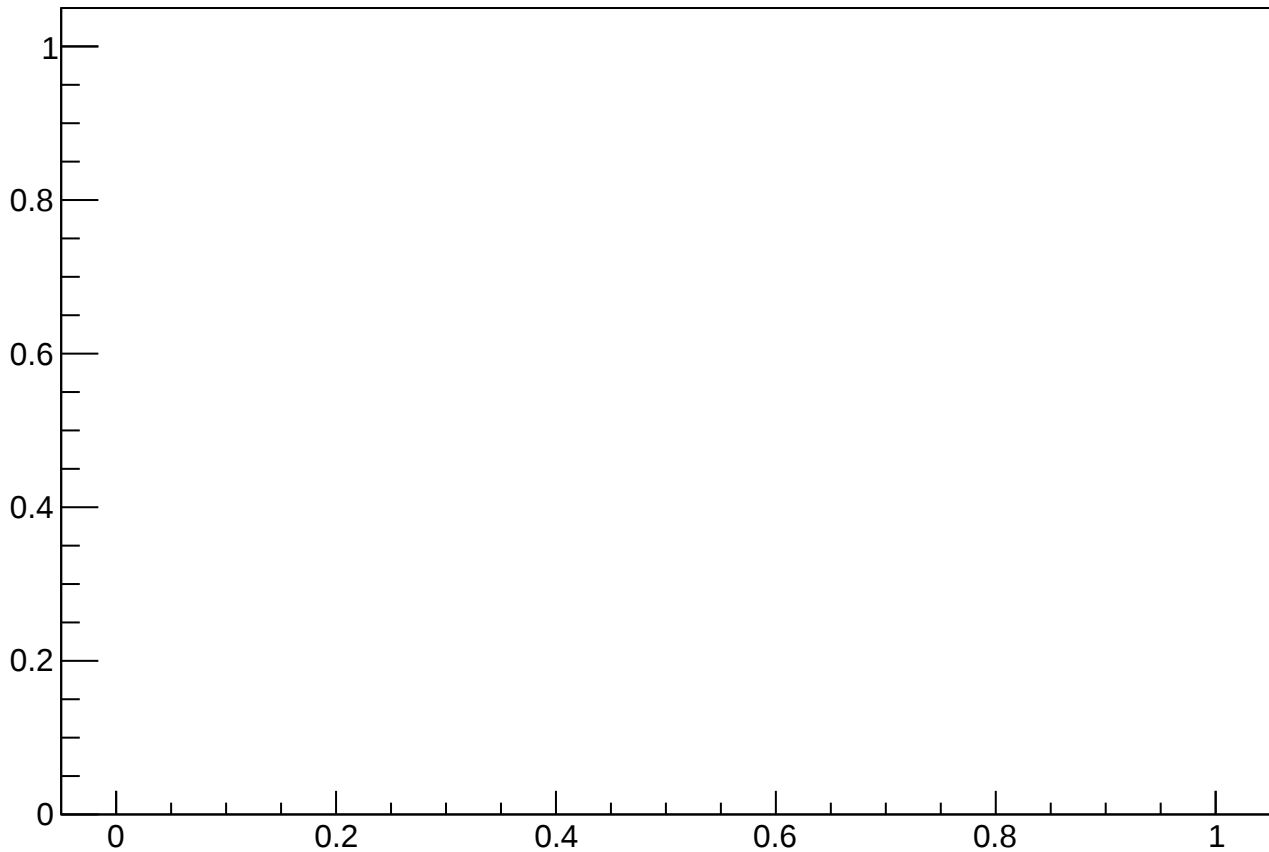
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

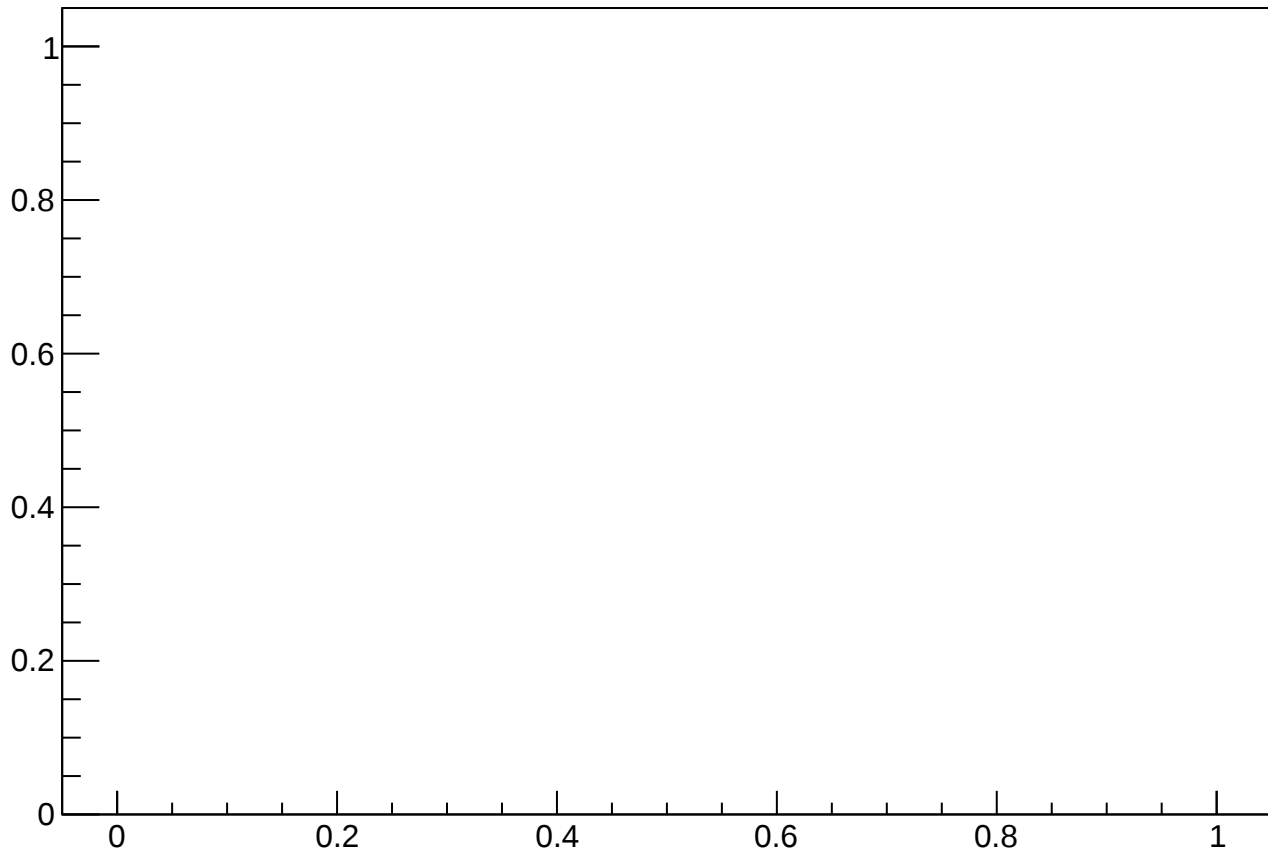
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

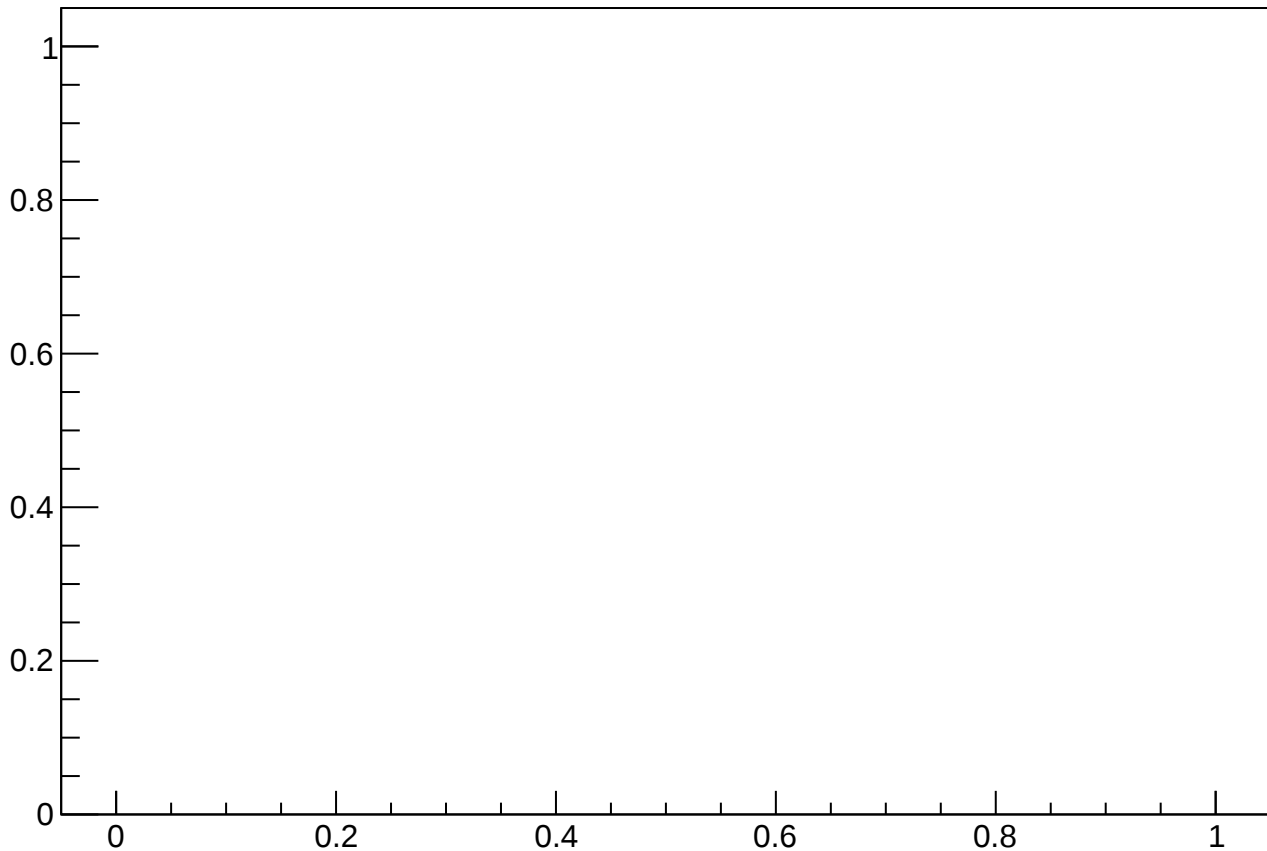
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

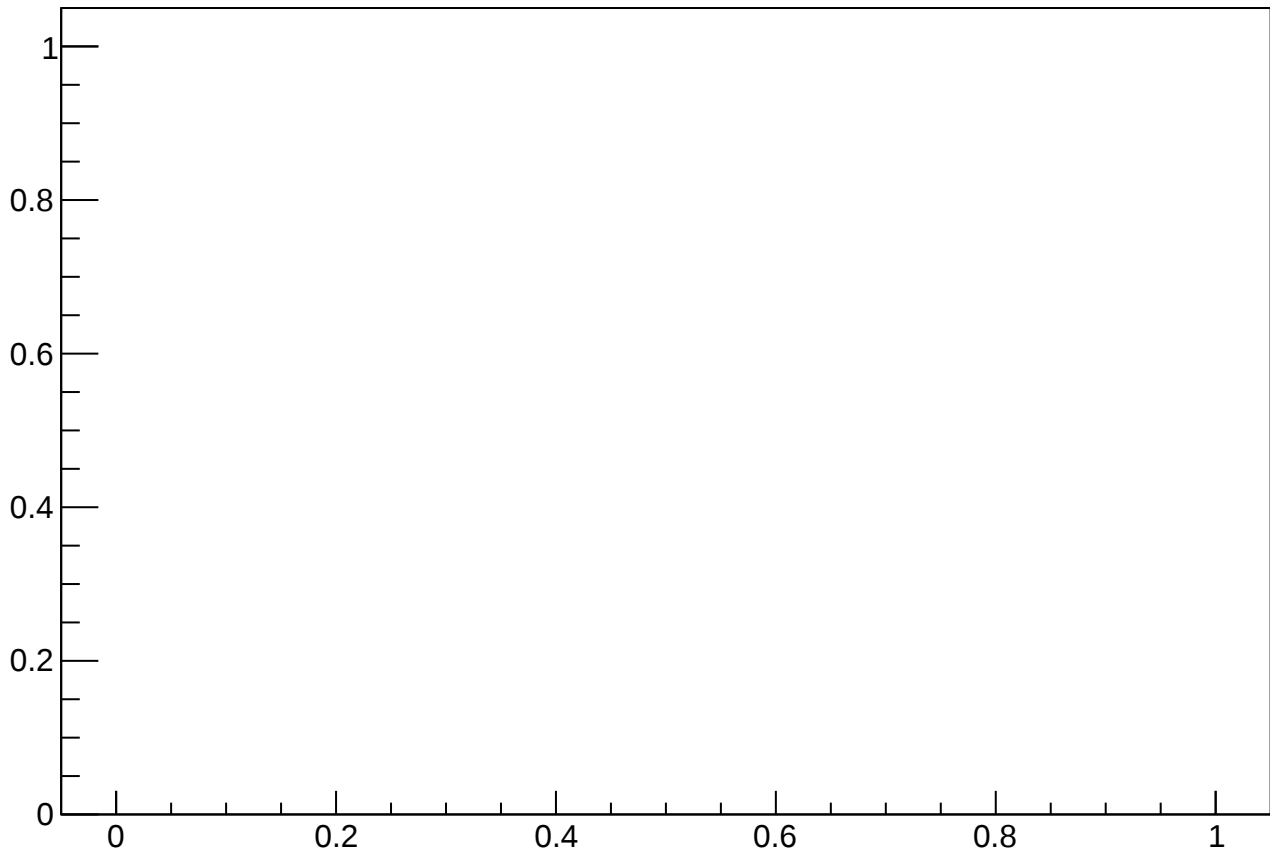
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

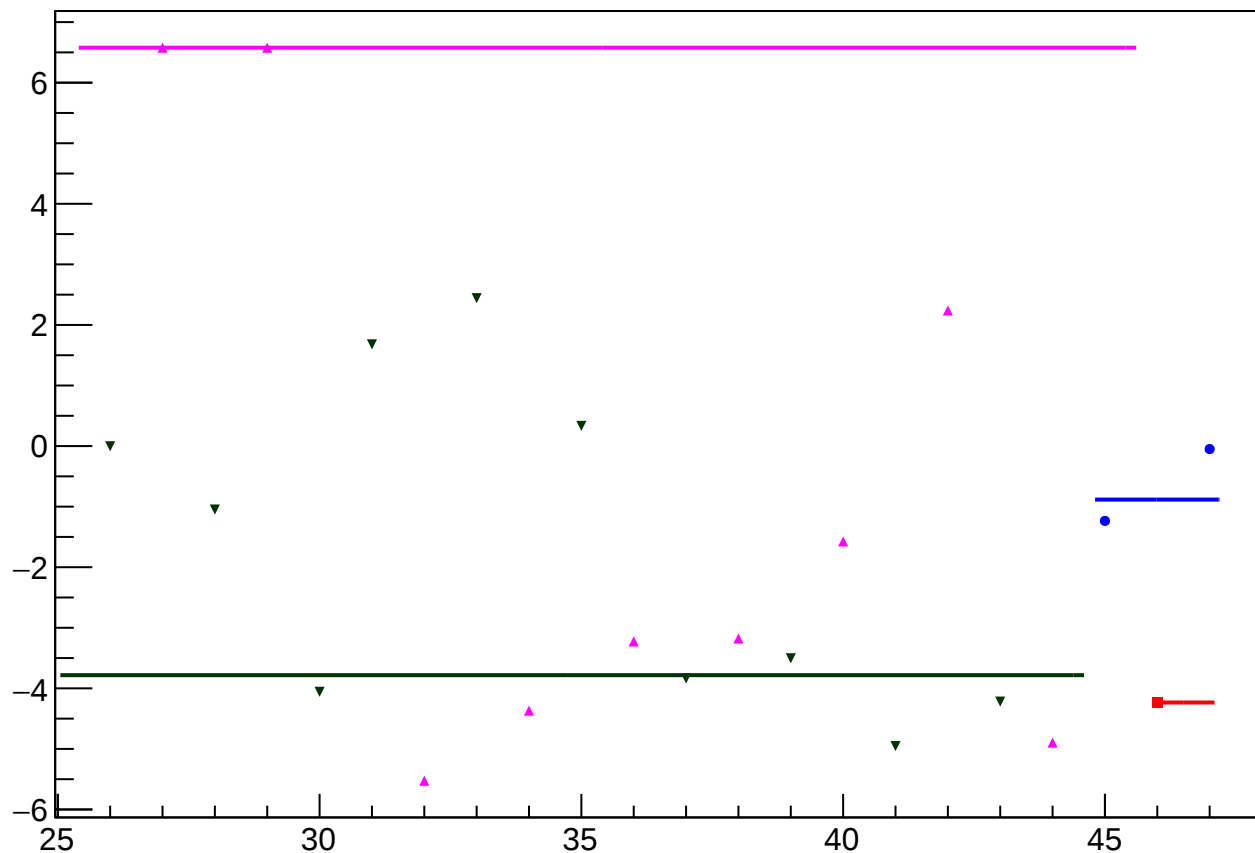
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -0.883 ± 0.003 χ^2/NDF : 45804.2/1

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

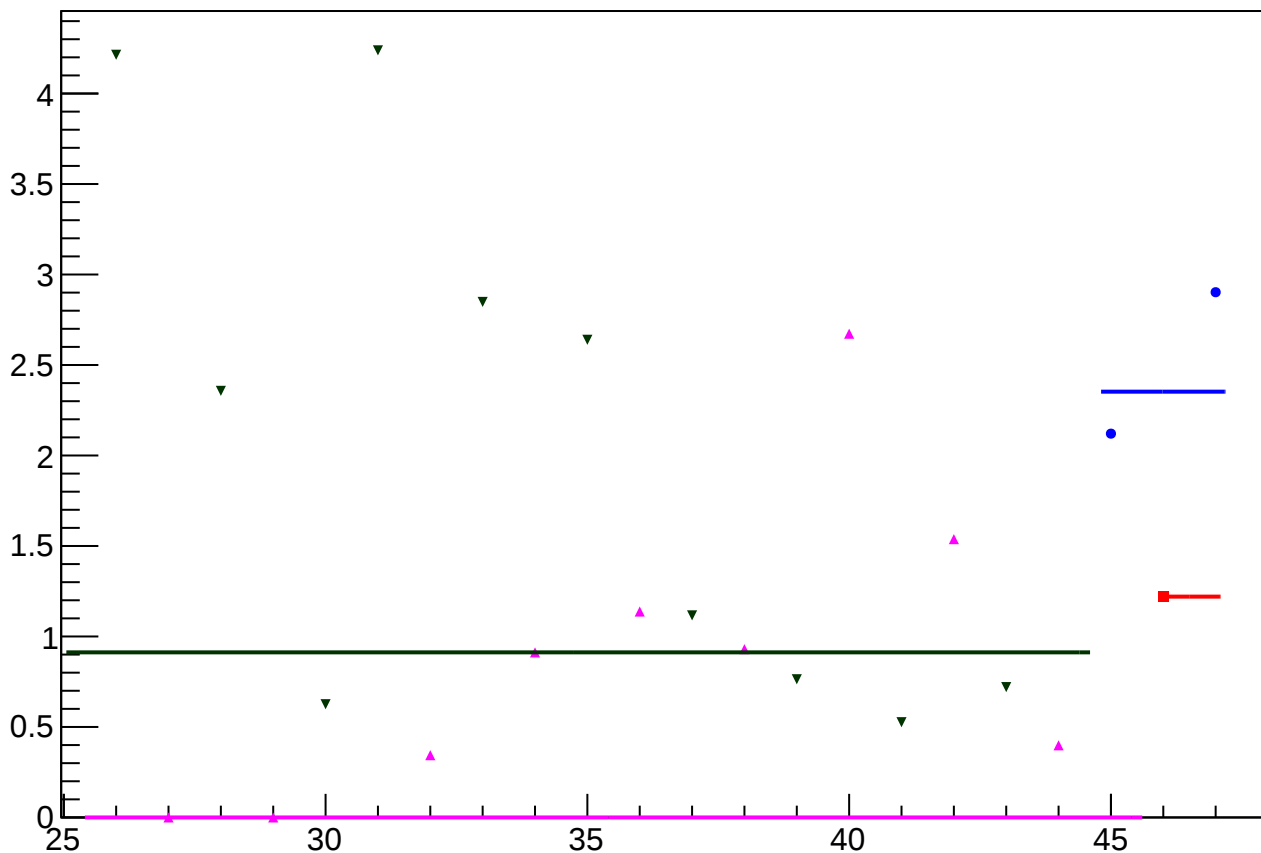
Right Out: -4.234 ± 0.002 χ^2/NDF : 0.0/0

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

-3.613 ± 0.001 χ^2/NDF : 6930656.1/11

6.578 ± 0.000 χ^2/NDF : 844830598.9/9

yield_cav4bX_rms vs slug



Right In: 2.353 $\pm$ 0.002 χ^2/NDF : 39766.5/1

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

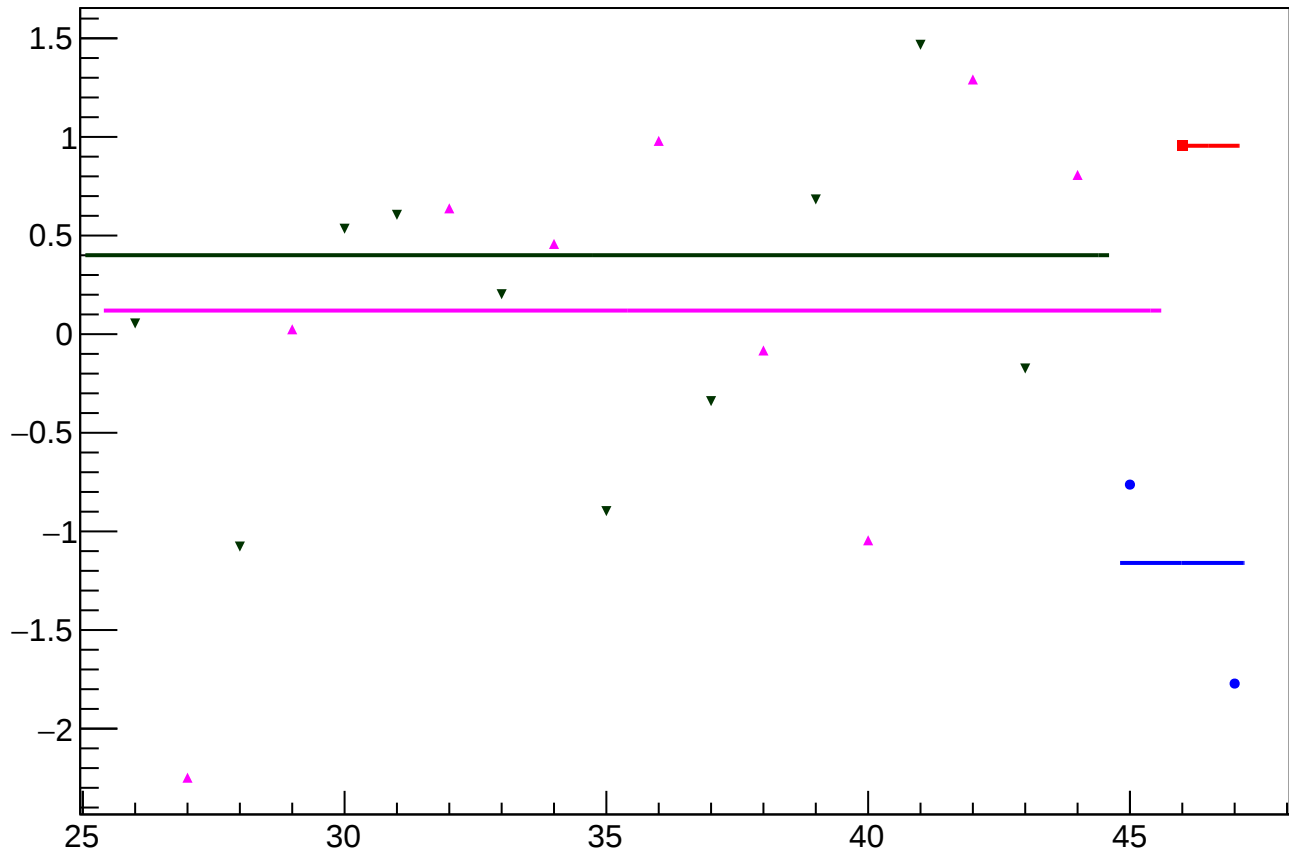
Right Out: 1.220 $\pm$ 0.002 χ^2/NDF : 0.0/0

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

0.997 $\pm$ 0.000 χ^2/NDF : 3149260.4/11

0.000 $\pm$ 0.000 χ^2/NDF : 5200897.1/9

yield_cav4bY_mean vs slug



Right In: -1.160+/-0.001 χ^2/NDF : 299763.2/1

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

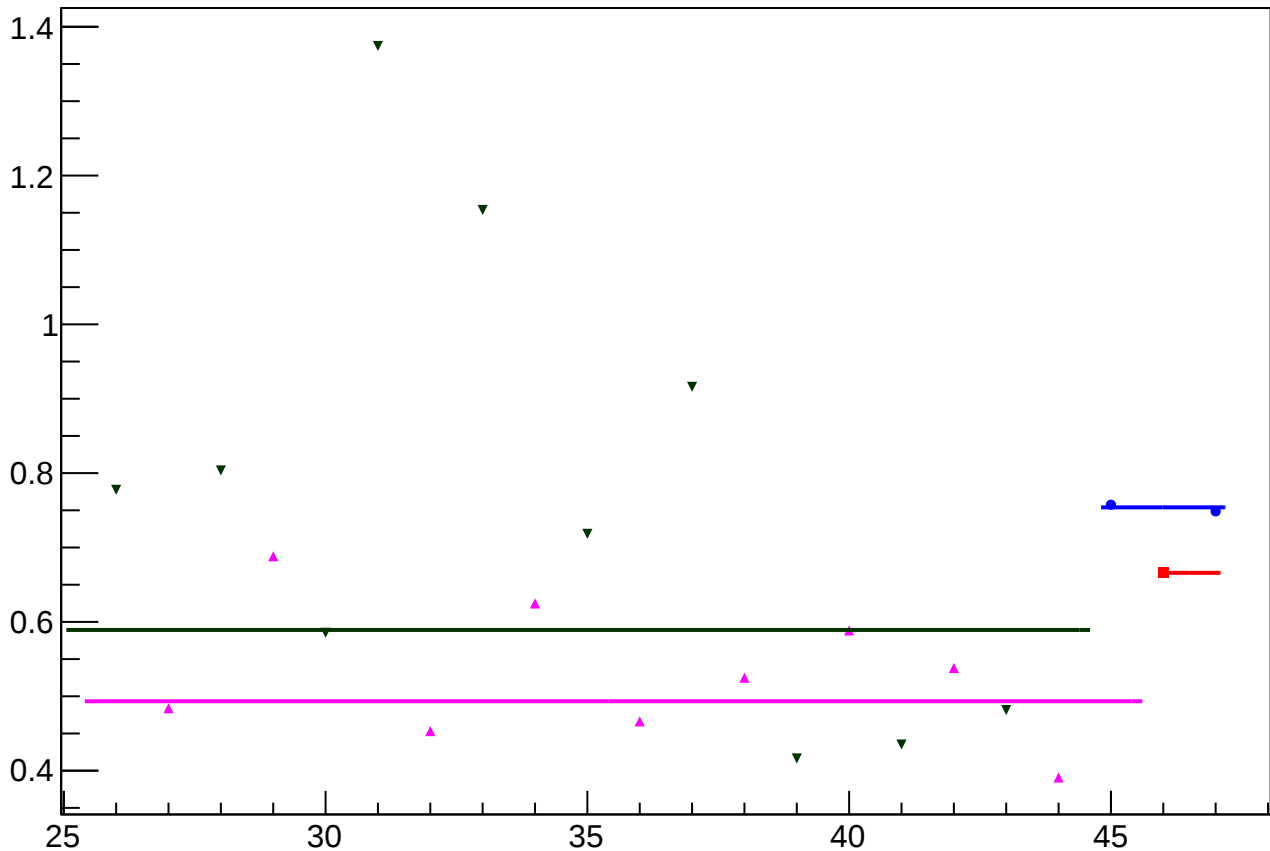
Right Out: 0.955+/-0.001 χ^2/NDF : 0.0/0

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

0.224+/-0.000 χ^2/NDF : 9787776.4/11

0.156+/-0.000 χ^2/NDF : 20581289.6/9

yield_cav4bY_rms vs slug



Right In: 0.754+/-0.001 χ^2/NDF : 47.6/1

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

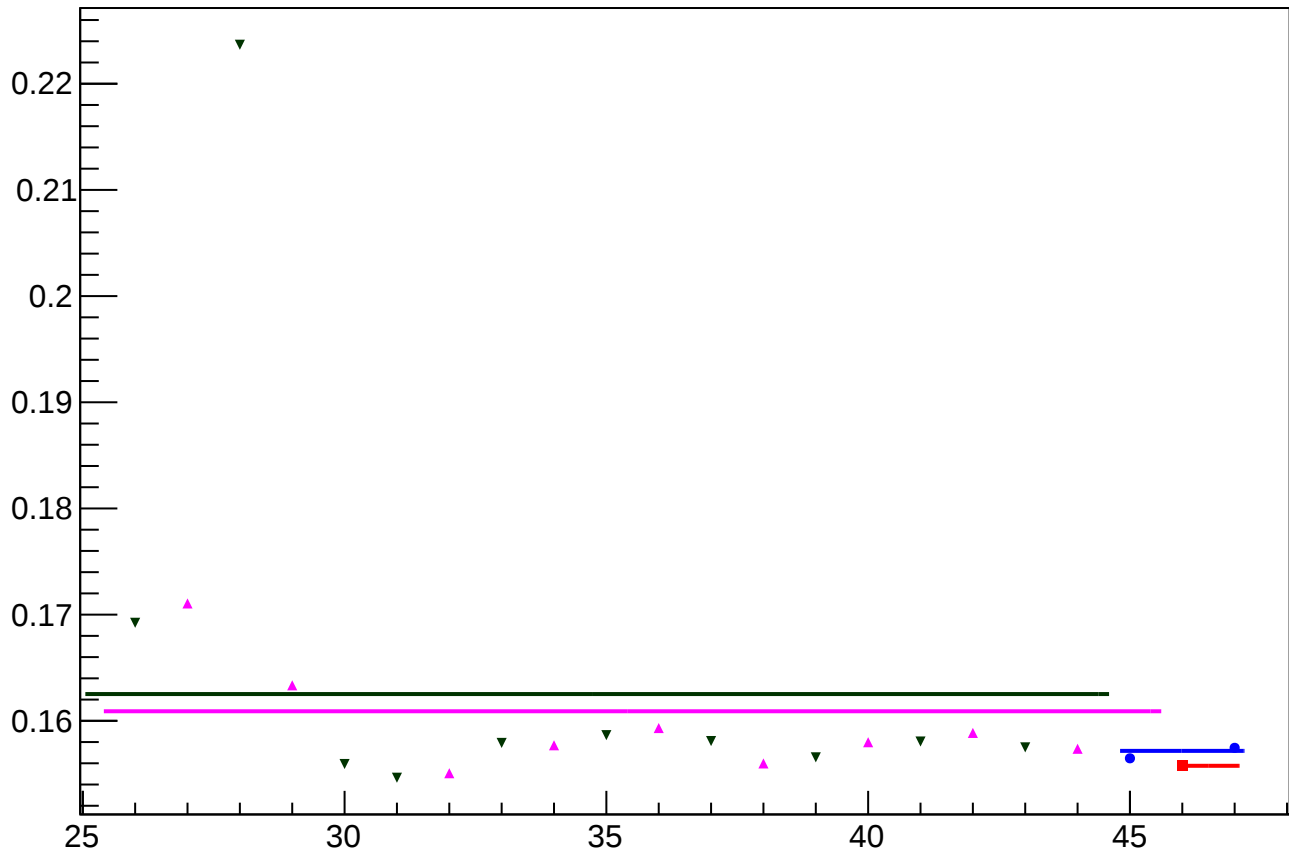
0.608+/-0.000 χ^2/NDF : 951620.9/11

Right Out: 0.666+/-0.001 χ^2/NDF : 0.0/0

0.501+/-0.000 χ^2/NDF : 256601.9/9

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

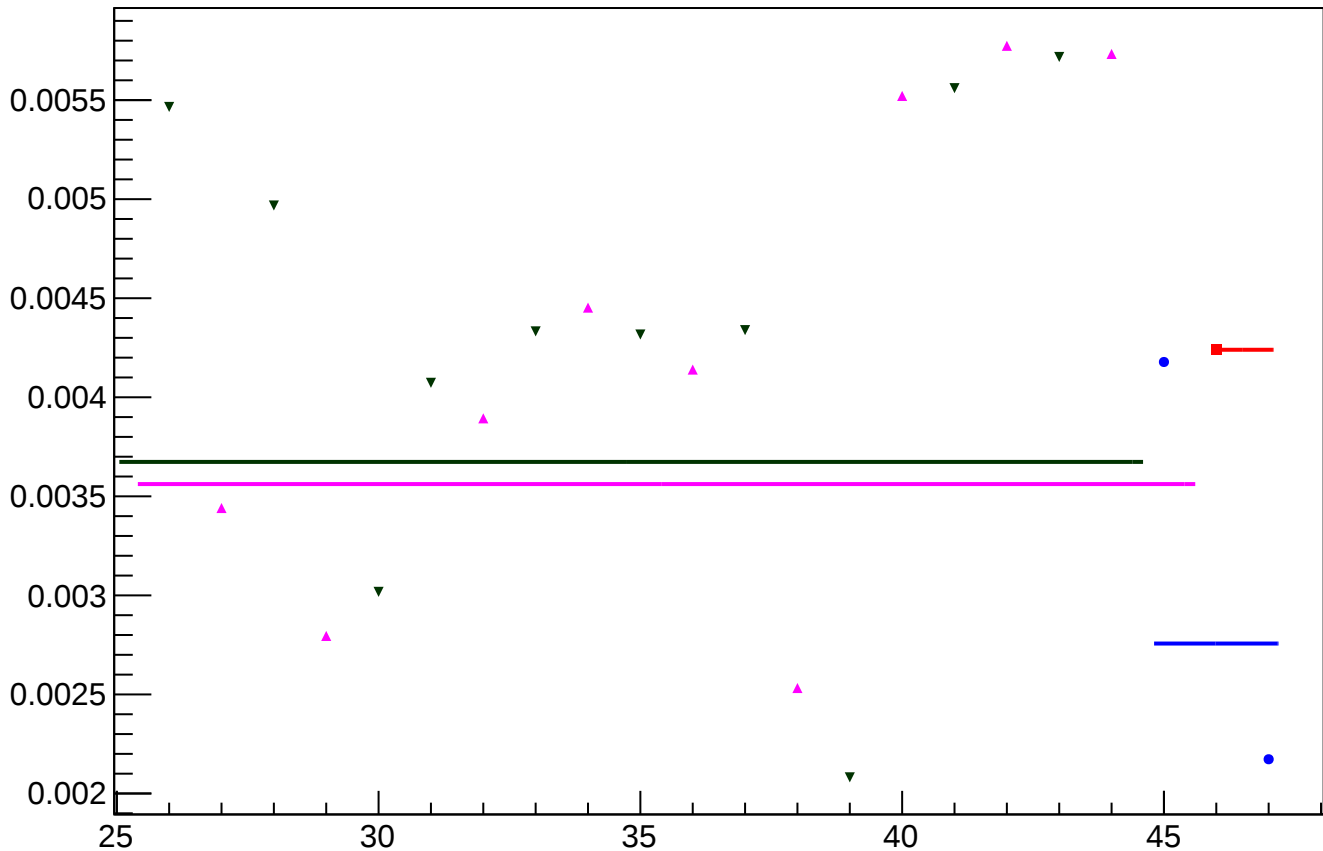
yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 22870.2/1
 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

0.161+/-0.000 χ^2/NDF : 104271447.0/11
 0.161+/-0.000 χ^2/NDF : 12197607.2/9

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 188796.5/1

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

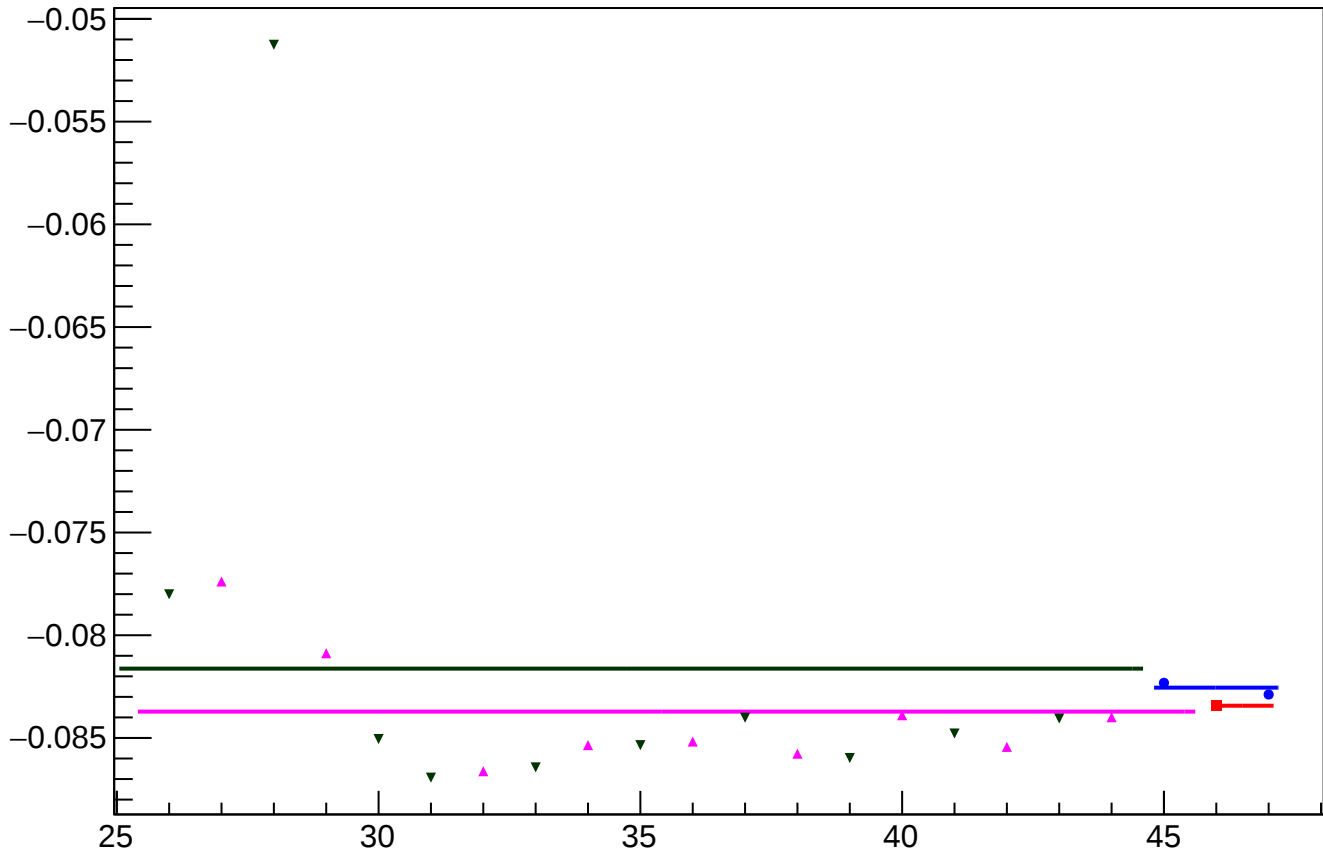
Right Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

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

0.003+/-0.000 χ^2/NDF : 1372083.2/11

0.004+/-0.000 χ^2/NDF : 769141.3/9

yield_cav4cY_mean vs slug



Right In: -0.083+/-0.000 χ^2/NDF : 4966.8/1

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

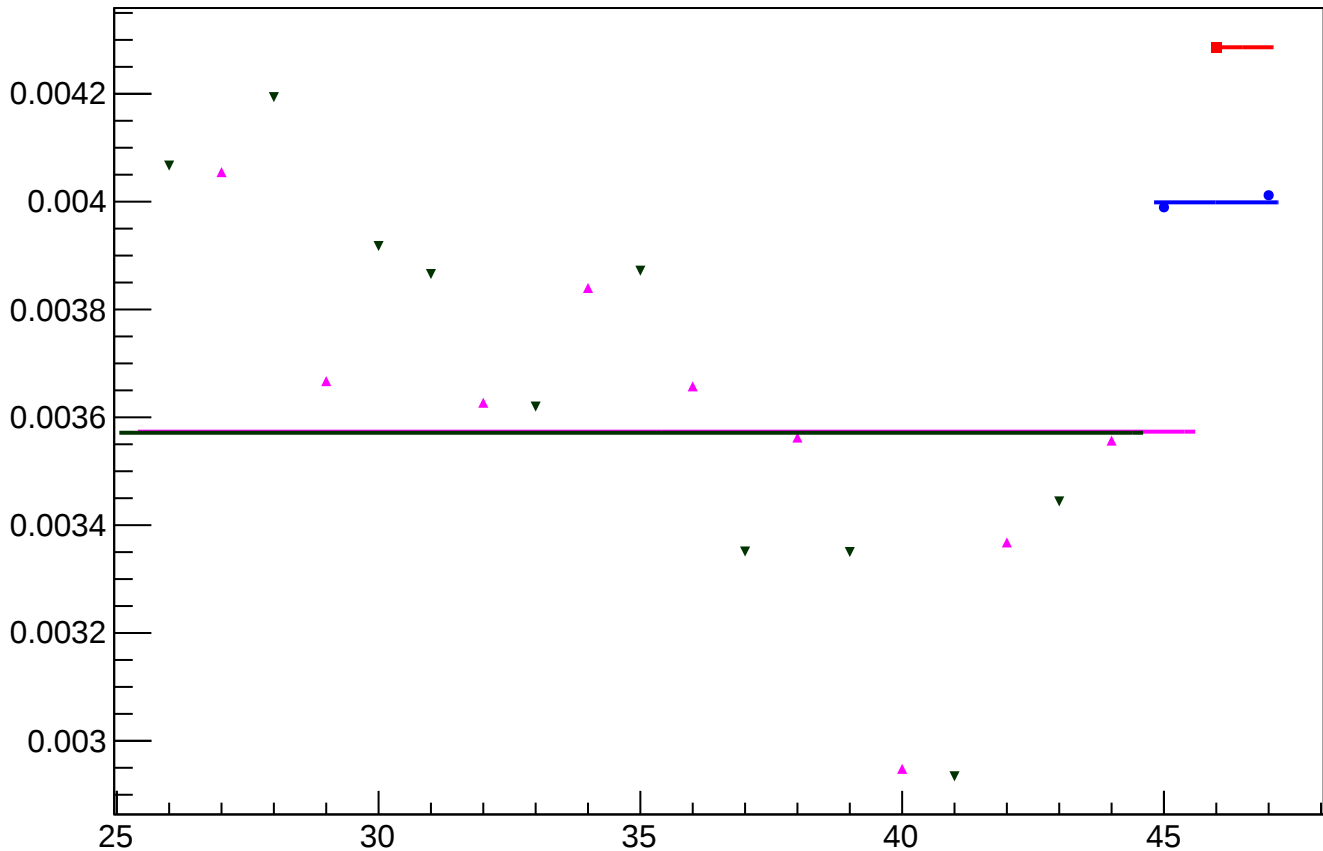
-0.082+/-0.000 χ^2/NDF : 35961752.6/11

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

-0.084+/-0.000 χ^2/NDF : 3522107.1/9

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

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 15.4/1

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

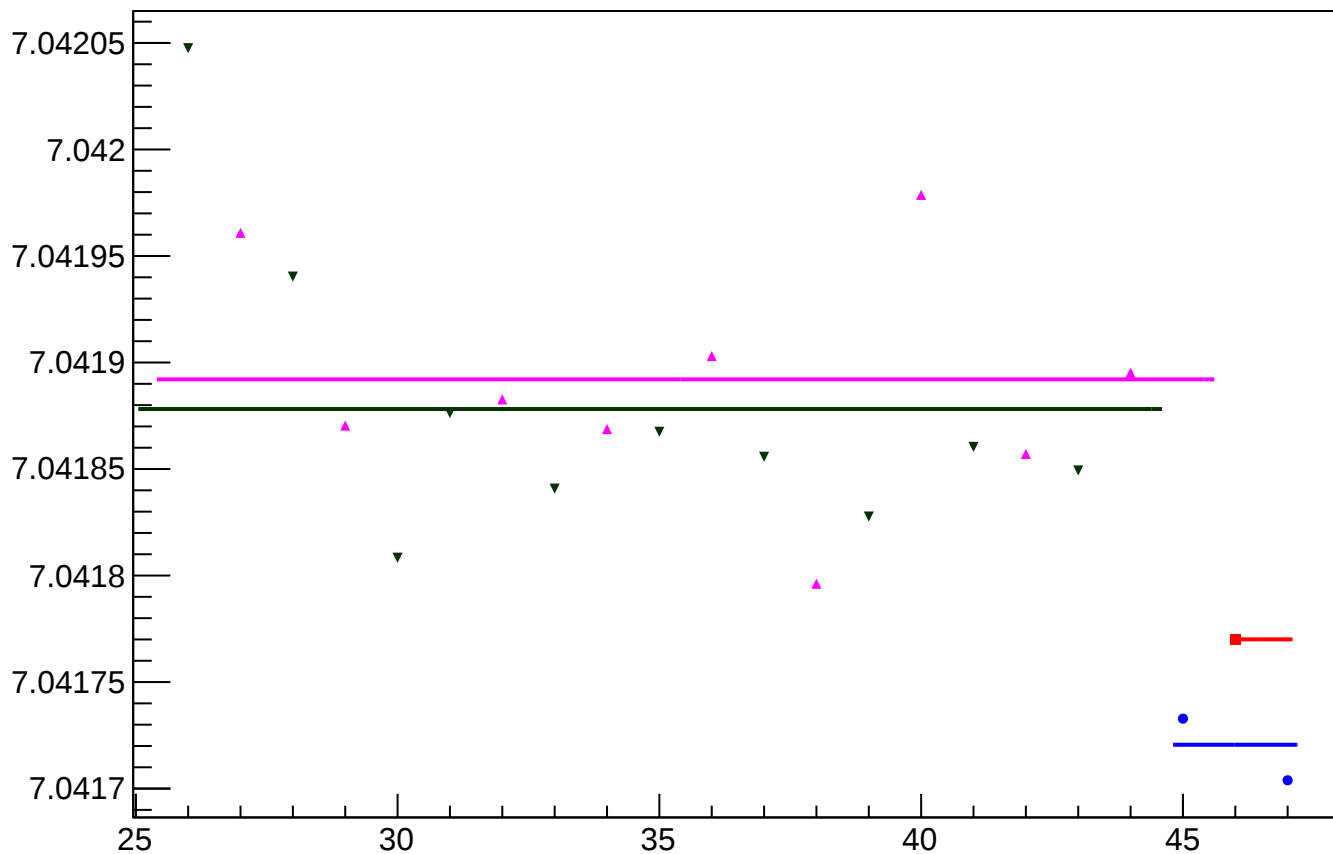
0.004+/-0.000 χ^2/NDF : 141906.4/11

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: 7966.9/1

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

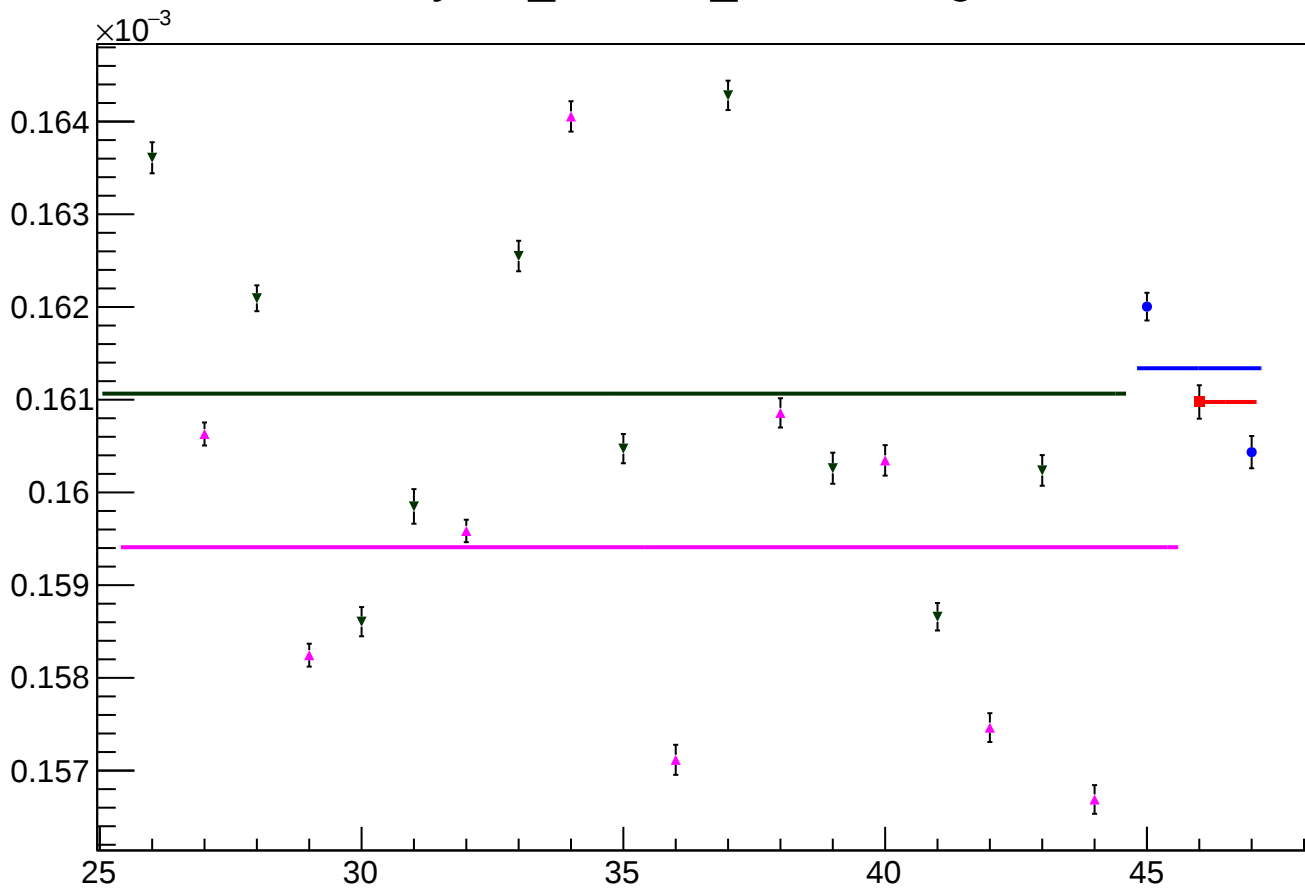
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

7.042 $\pm$ 0.000 χ^2 /NDF: 1630216.1/11

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

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 46.9/1

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

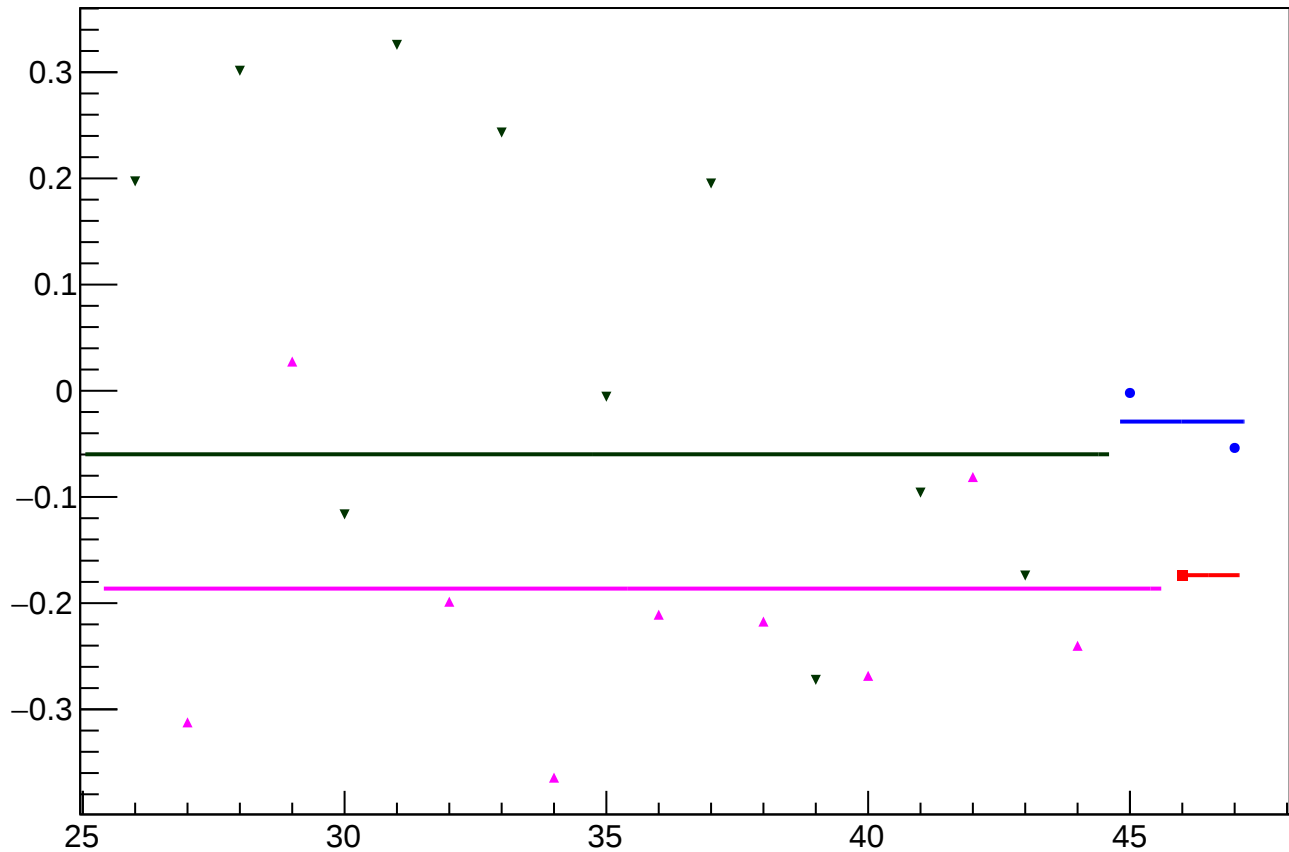
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 1443.4/11

0.000+/-0.000 χ^2/NDF : 1845.6/9

yield_cav4dY_mean vs slug



Right In: -0.029+/-0.000 χ^2/NDF : 49649.9/1

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

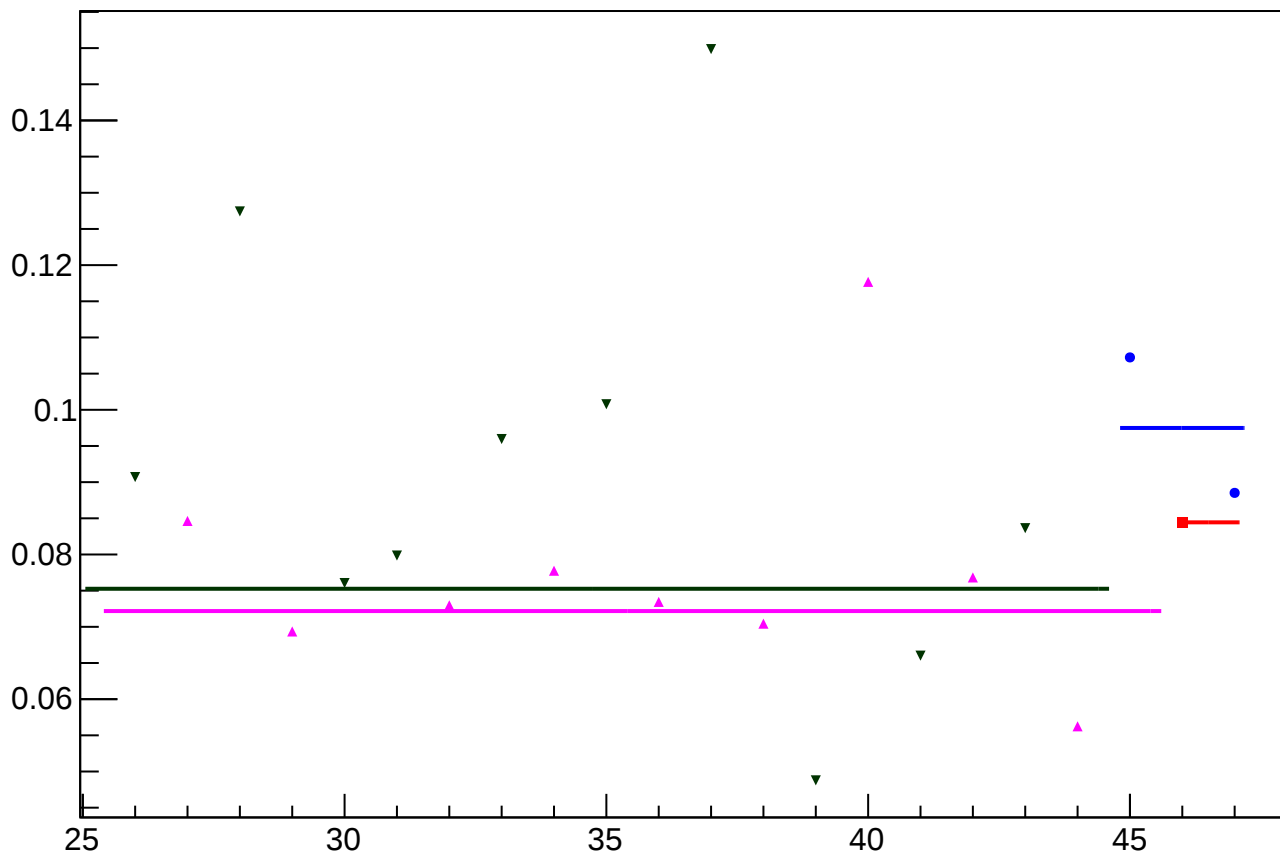
-0.056+/-0.000 χ^2/NDF : 19612792.0/11

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

-0.186+/-0.000 χ^2/NDF : 8366245.7/9

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

yield_cav4dY_rms vs slug



Right In: 0.097+/-0.000 χ^2/NDF : 12993.9/1

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

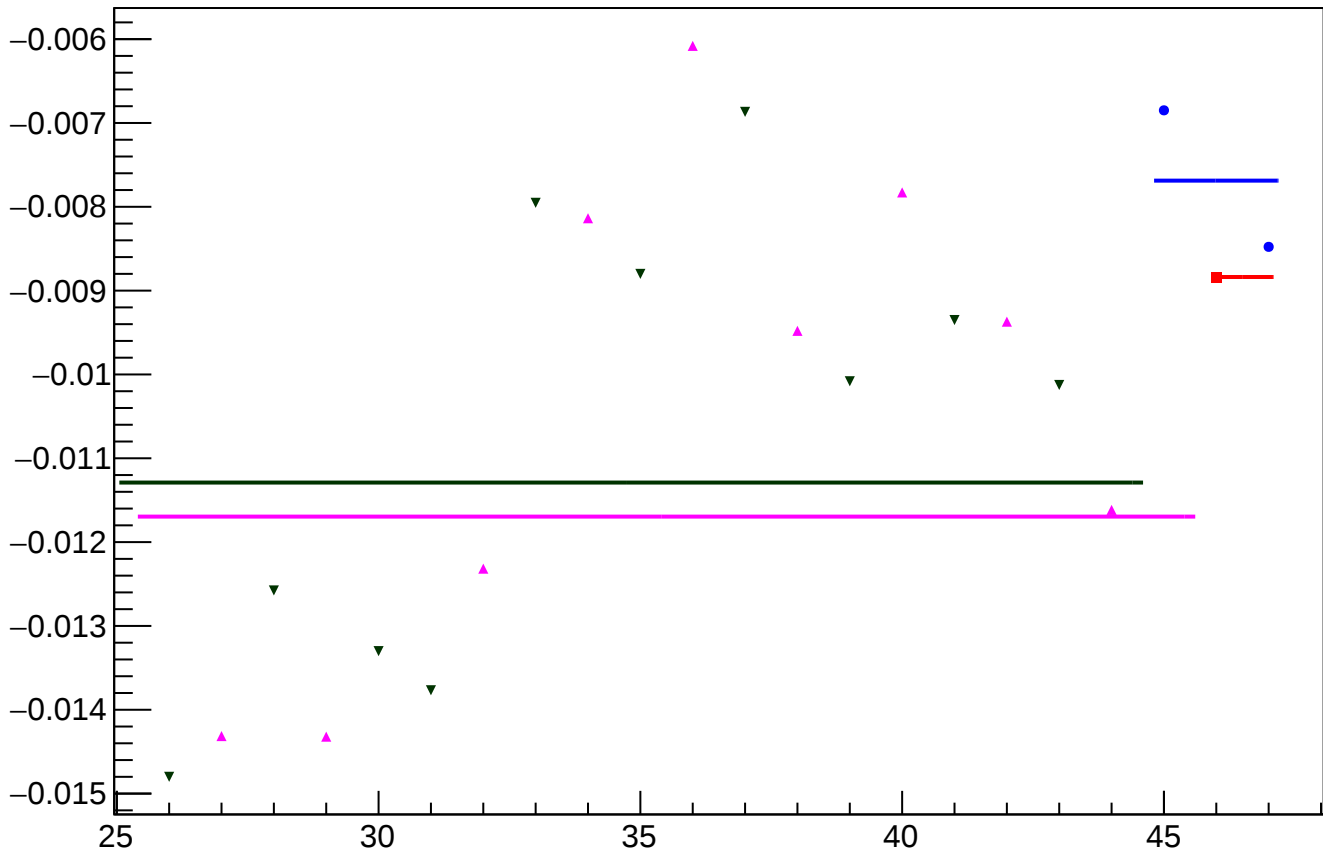
Right Out: 0.084+/-0.000 χ^2/NDF : 0.0/0

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

0.078+/-0.000 χ^2/NDF : 657387.6/11

0.073+/-0.000 χ^2/NDF : 203896.0/9

yield_bpm4aX_mean vs slug



Right In: -0.008+/-0.000 χ^2 /NDF: 8335.3/1

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

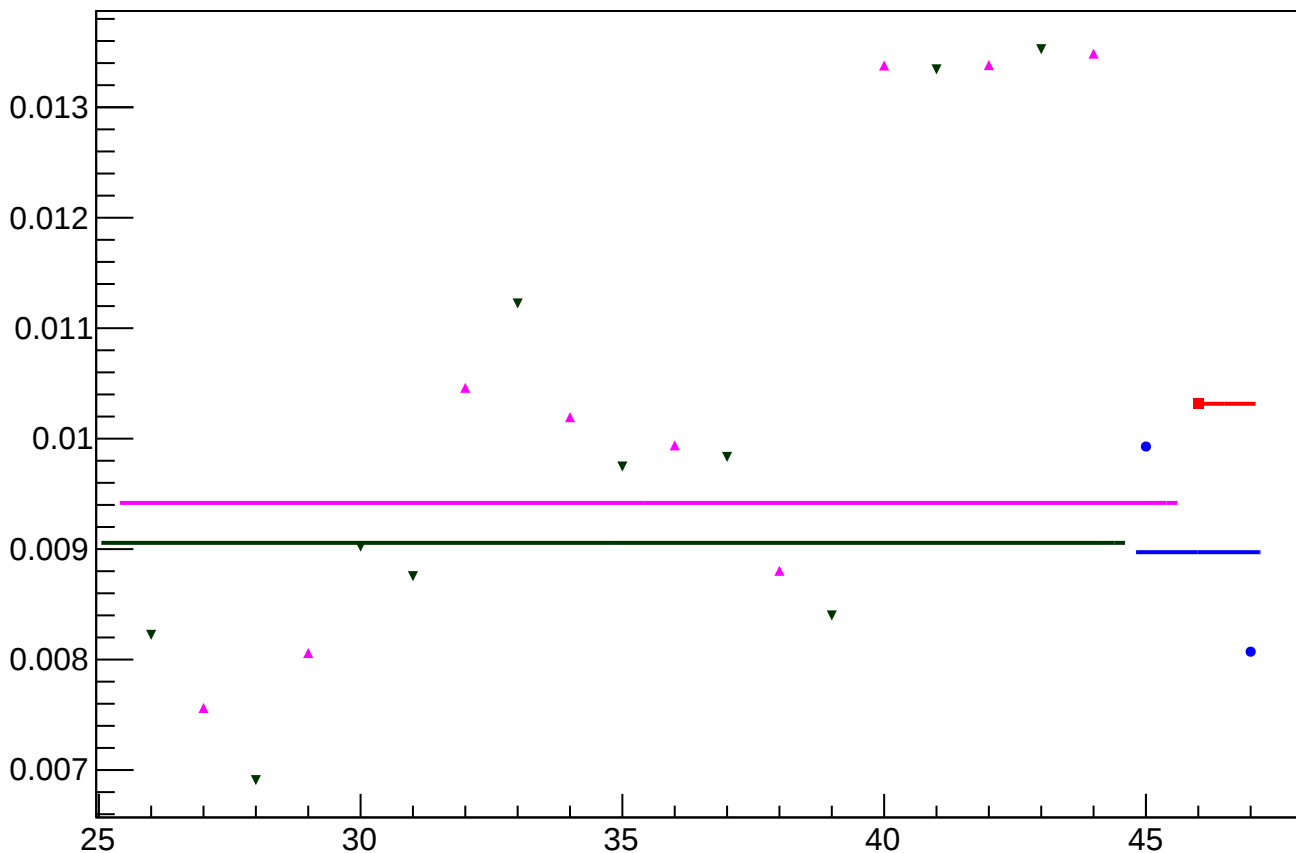
-0.011+/-0.000 χ^2 /NDF: 521699.2/11

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: 0.009+/-0.000 χ^2/NDF : 21686.1/1

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

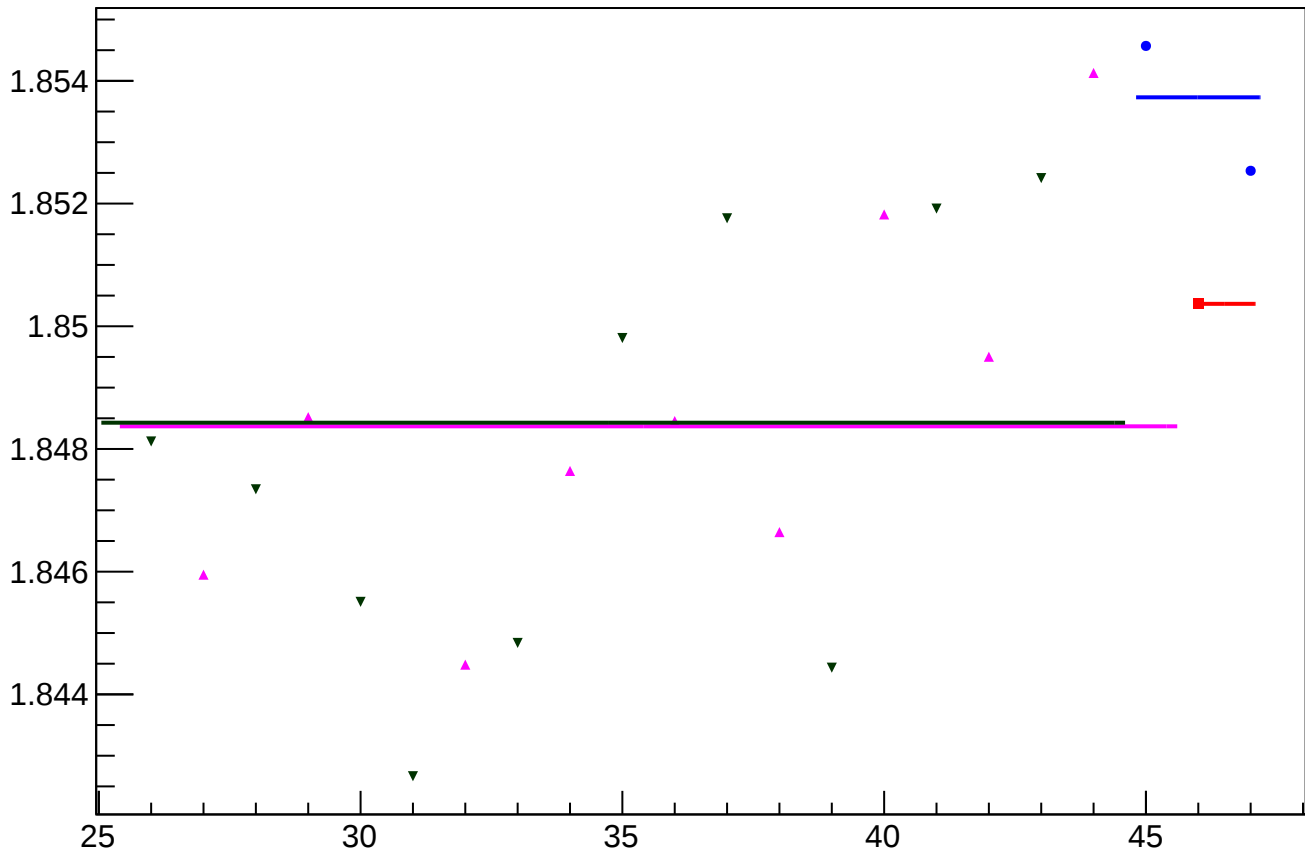
Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

0.009+/-0.000 χ^2/NDF : 437981.7/11

0.009+/-0.000 χ^2/NDF : 453792.8/9

yield_bpm4aY_mean vs slug



Right In: 1.854+/-0.000 χ^2/NDF : 4173.8/1

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

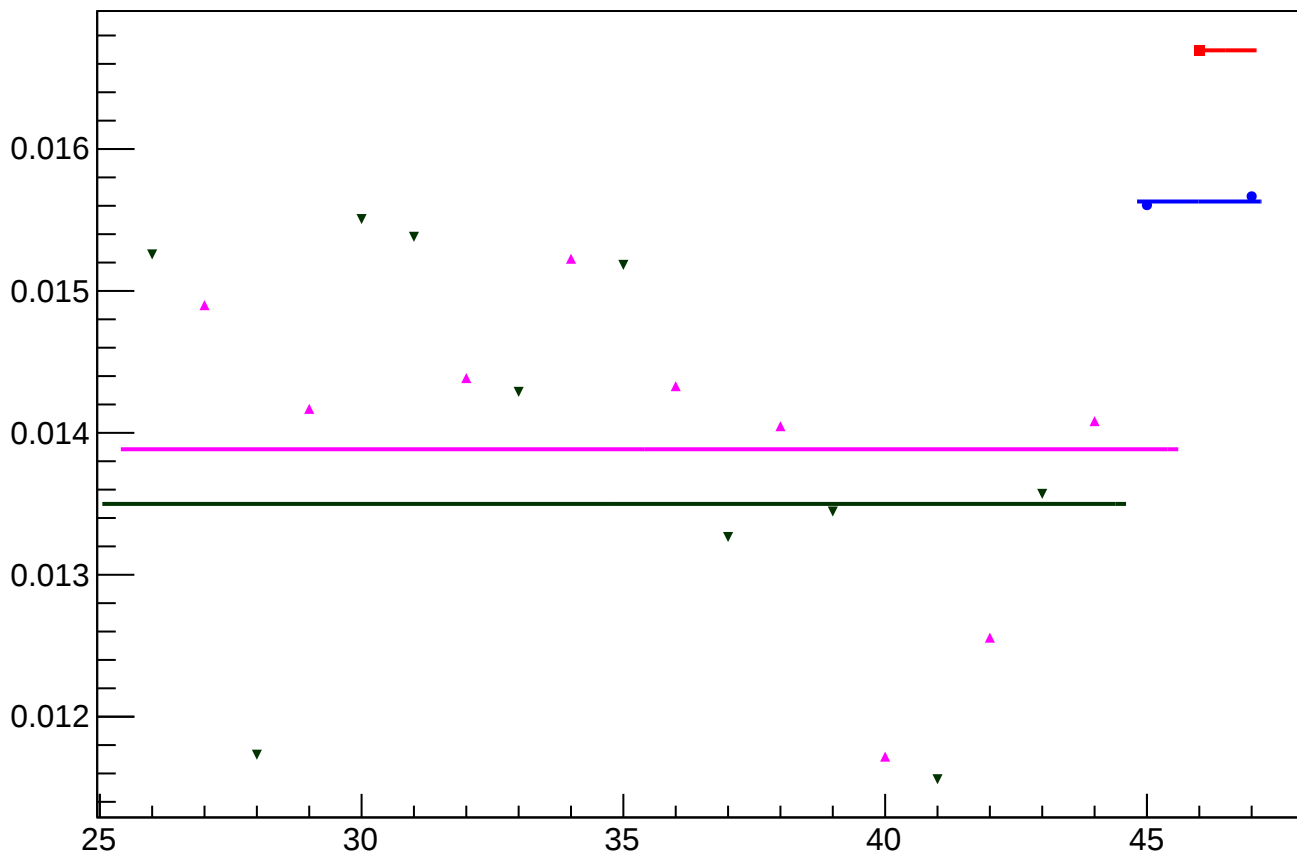
Right Out: 1.850+/-0.000 χ^2/NDF : 0.0/0

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

1.849+/-0.000 χ^2/NDF : 377688.9/11

1.848+/-0.000 χ^2/NDF : 231701.3/9

yield_bpm4aY_rms vs slug



Right In: 0.016+/-0.000 χ^2 /NDF: 7.7/1

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

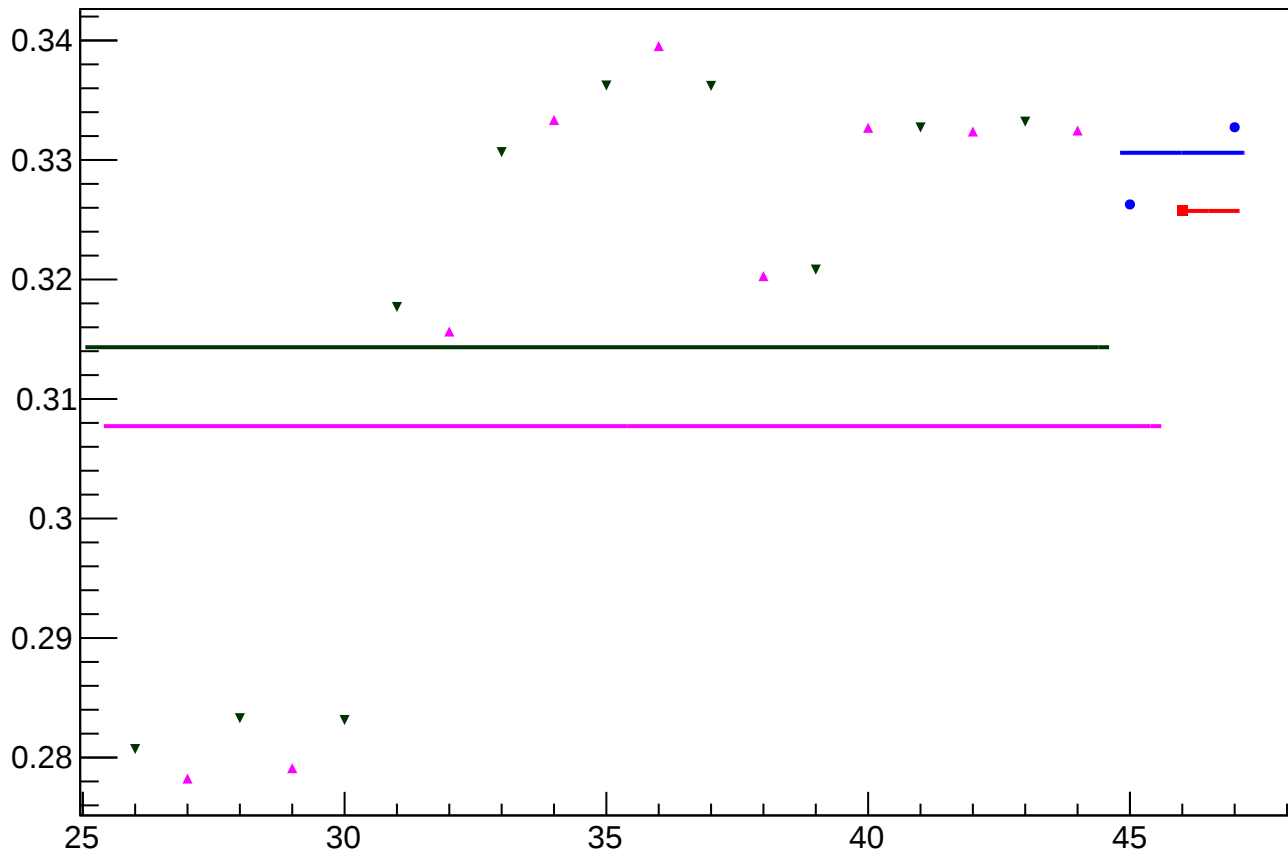
Right Out: 0.017+/-0.000 χ^2 /NDF: 0.0/0

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

0.014+/-0.000 χ^2 /NDF: 147712.4/11

0.014+/-0.000 χ^2 /NDF: 85125.5/9

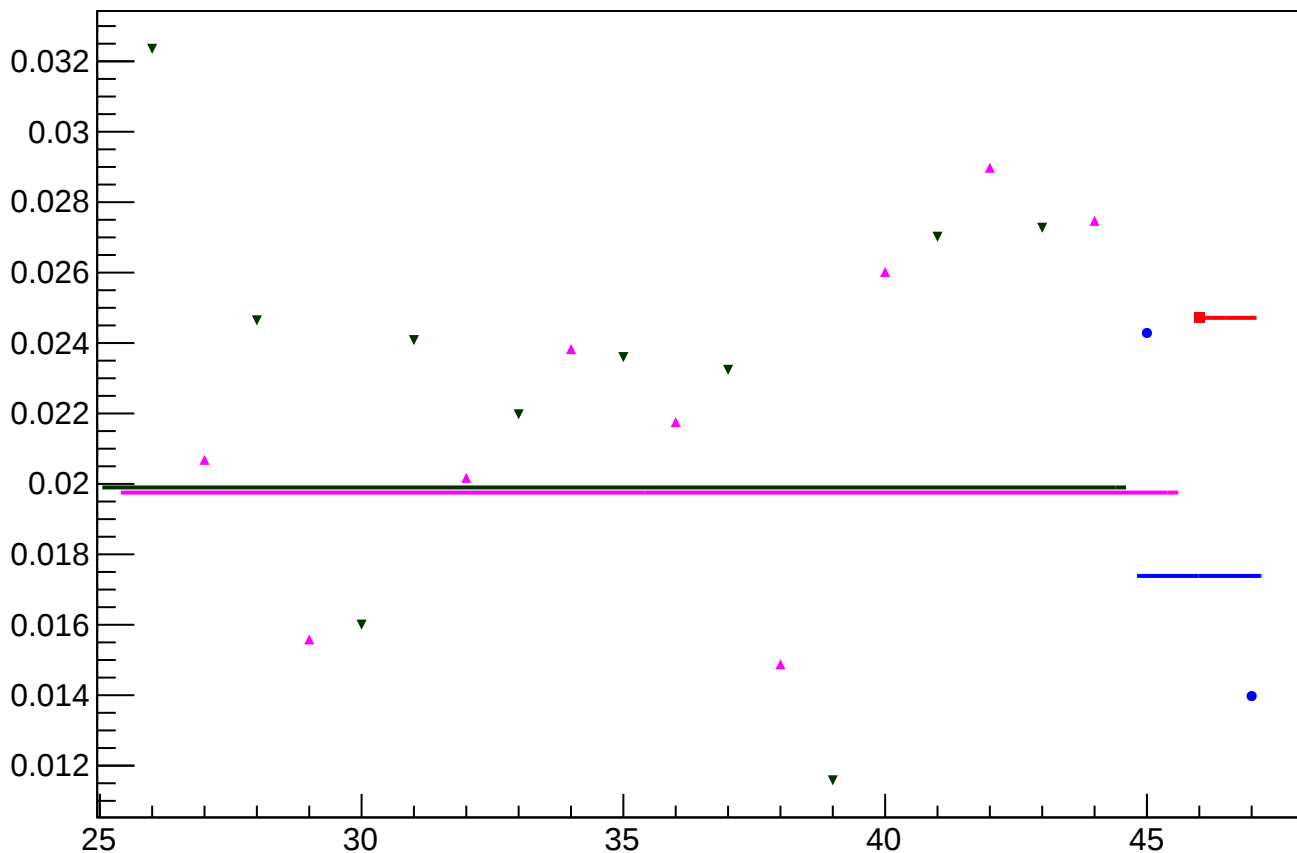
yield_bpm4eX_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 27067.6/1
 Left Out: 0.314+/-0.000 χ^2/NDF : 5131381.6/9
 Right Out: 0.326+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.308+/-0.000 χ^2/NDF : 7379435.7/8

0.318+/-0.000 χ^2/NDF : 5774722.1/11
 0.309+/-0.000 χ^2/NDF : 7568499.2/9

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 137958.6/1

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

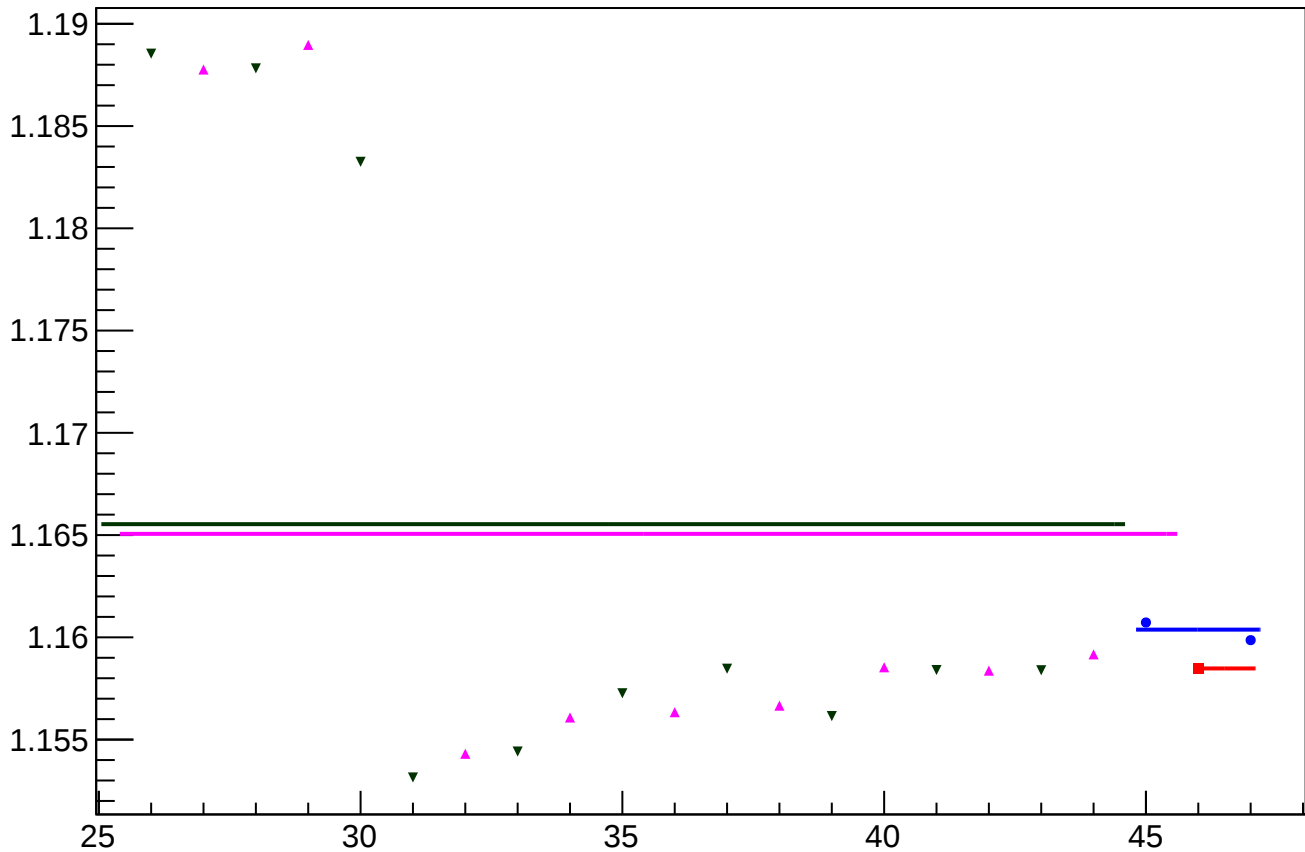
Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.019+/-0.000 χ^2/NDF : 1052037.2/11

0.020+/-0.000 χ^2/NDF : 509649.5/9

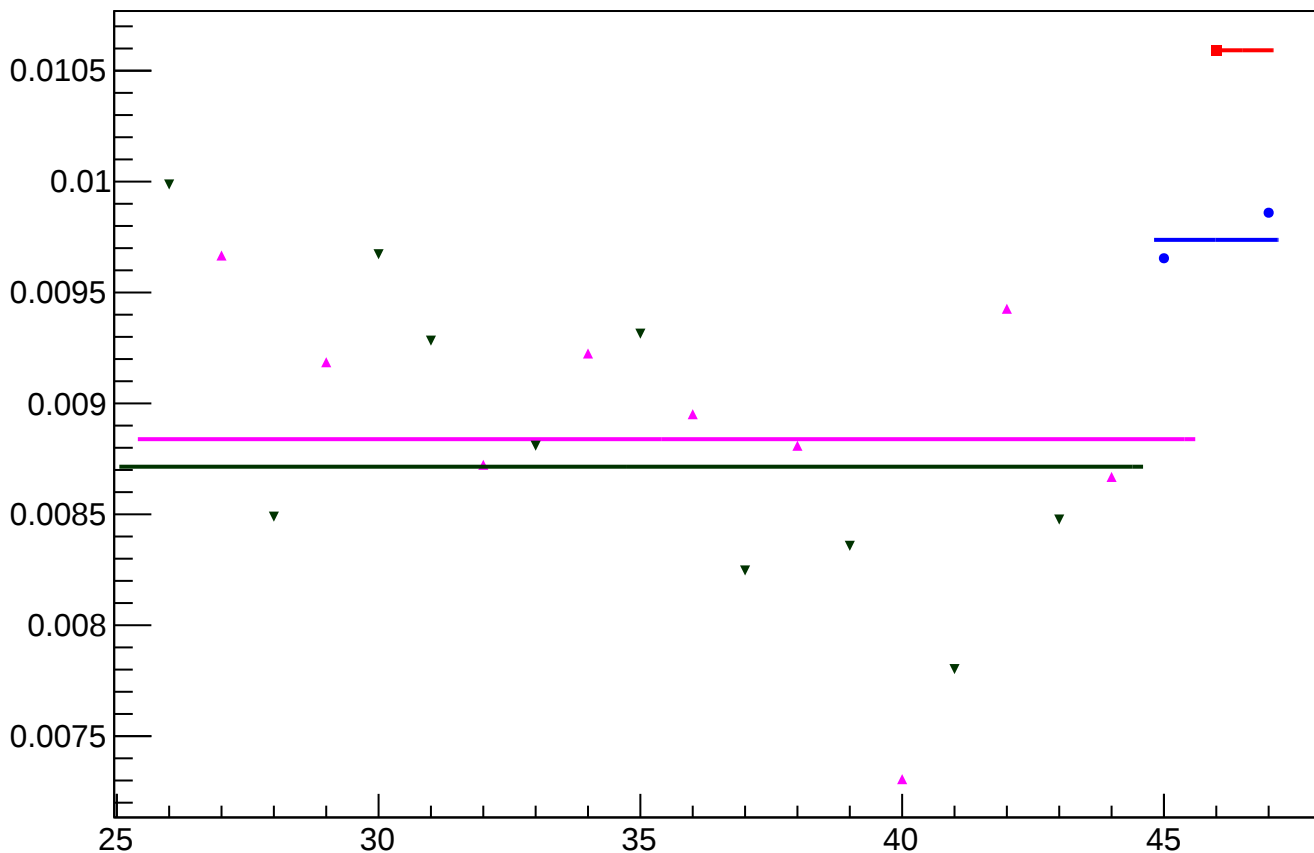
yield_bpm4eY_mean vs slug



Right In: 1.160 $\pm$ 0.000 χ^2 /NDF: 1921.3/1
 Left Out: 1.166 $\pm$ 0.000 χ^2 /NDF:12029920.3/9
 Right Out: 1.158 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.165 $\pm$ 0.000 χ^2 /NDF:13350723.3/8

1.165 $\pm$ 0.000 χ^2 /NDF: 12276122.5/11
 1.165 $\pm$ 0.000 χ^2 /NDF: 13498478.1/9

yield_bpm4eY_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2/NDF : 217.1/1

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

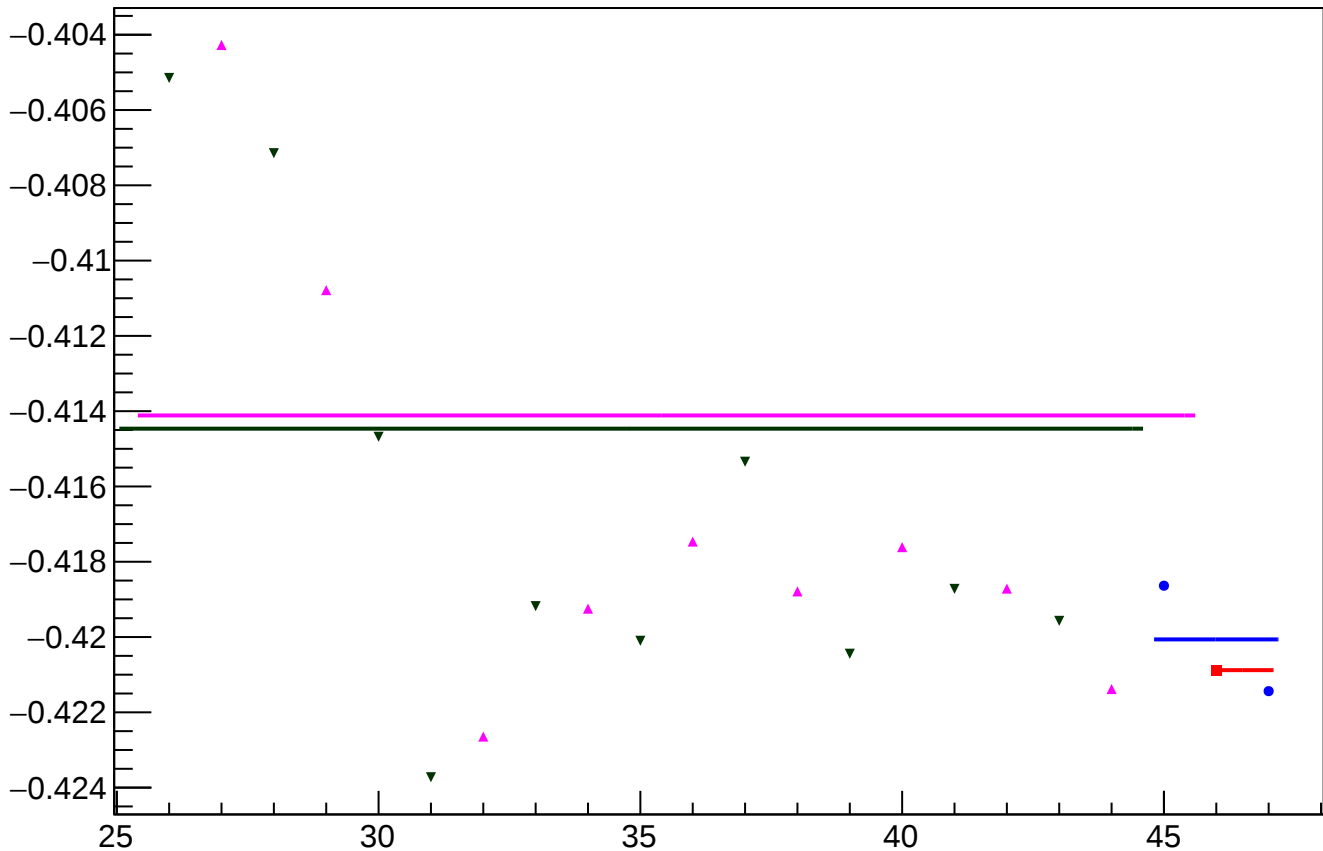
Right Out: 0.011 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

0.009 $\pm$ 0.000 χ^2/NDF : 73410.0/11

0.009 $\pm$ 0.000 χ^2/NDF : 83846.8/9

yield_bpm4acX_mean vs slug



Right In: -0.420+/-0.000 χ^2/NDF : 24048.9/1

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

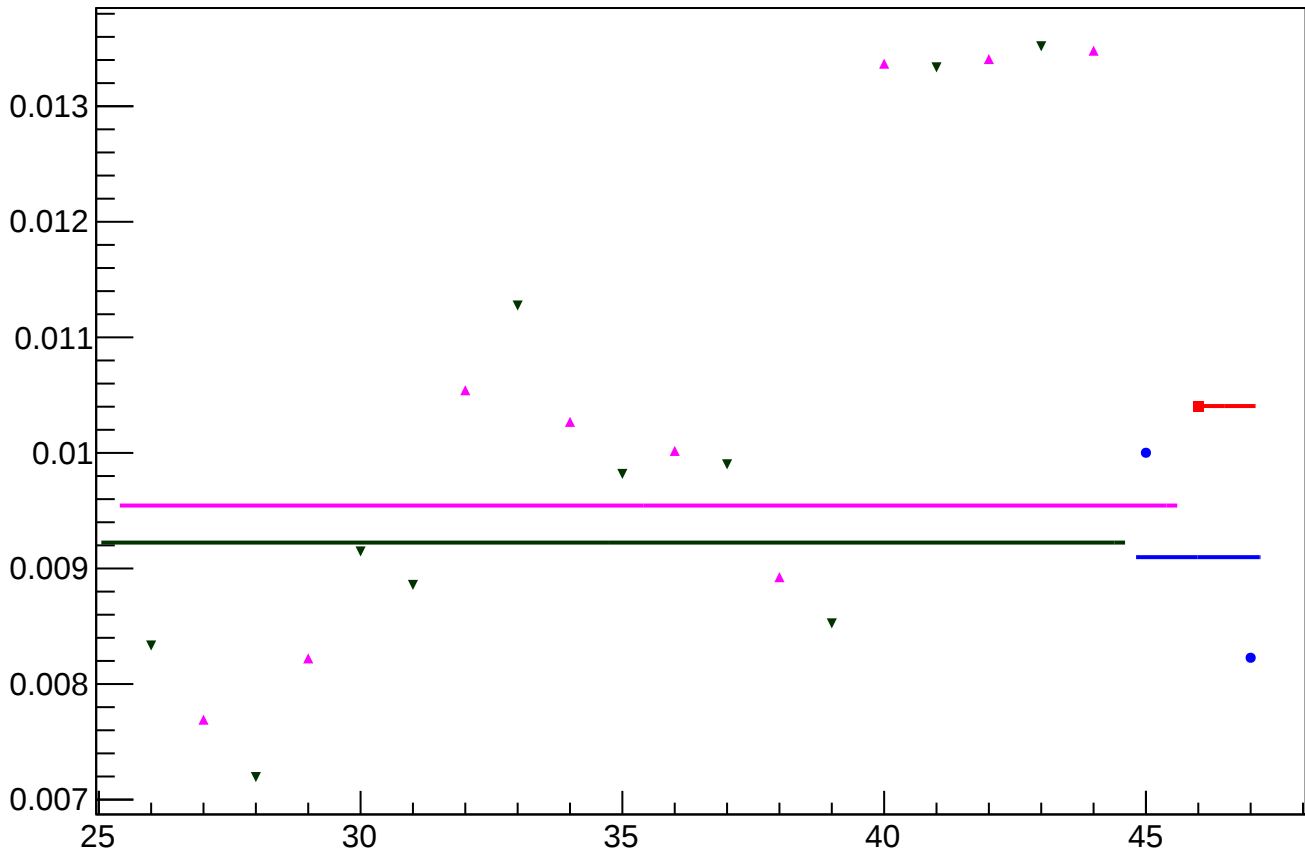
Right Out: -0.421+/-0.000 χ^2/NDF : 0.0/0

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

-0.415+/-0.000 χ^2/NDF : 2658160.0/11

-0.415+/-0.000 χ^2/NDF : 2811198.2/9

yield_bpm4acX_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 19288.6/1

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

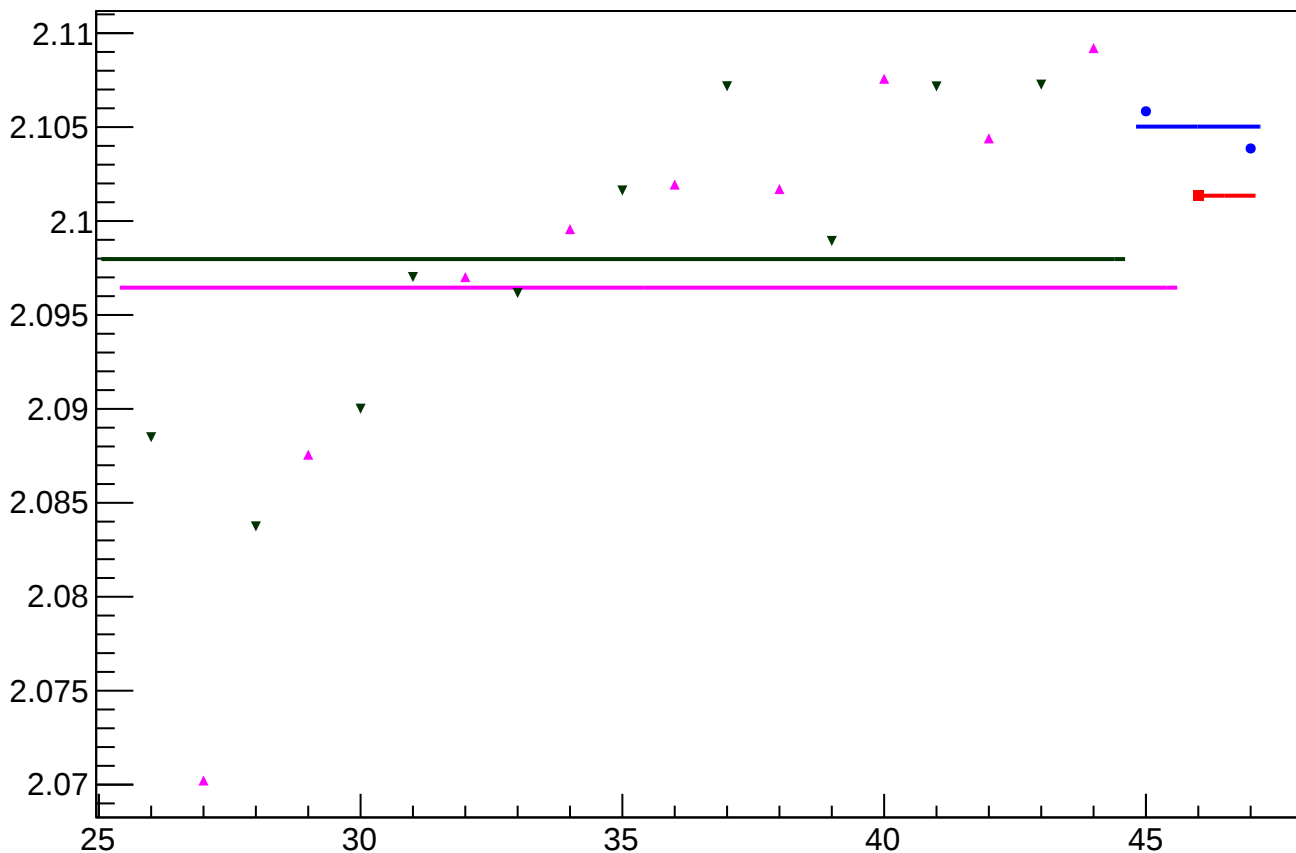
Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

0.009+/-0.000 χ^2/NDF : 391652.4/11

0.010+/-0.000 χ^2/NDF : 426132.8/9

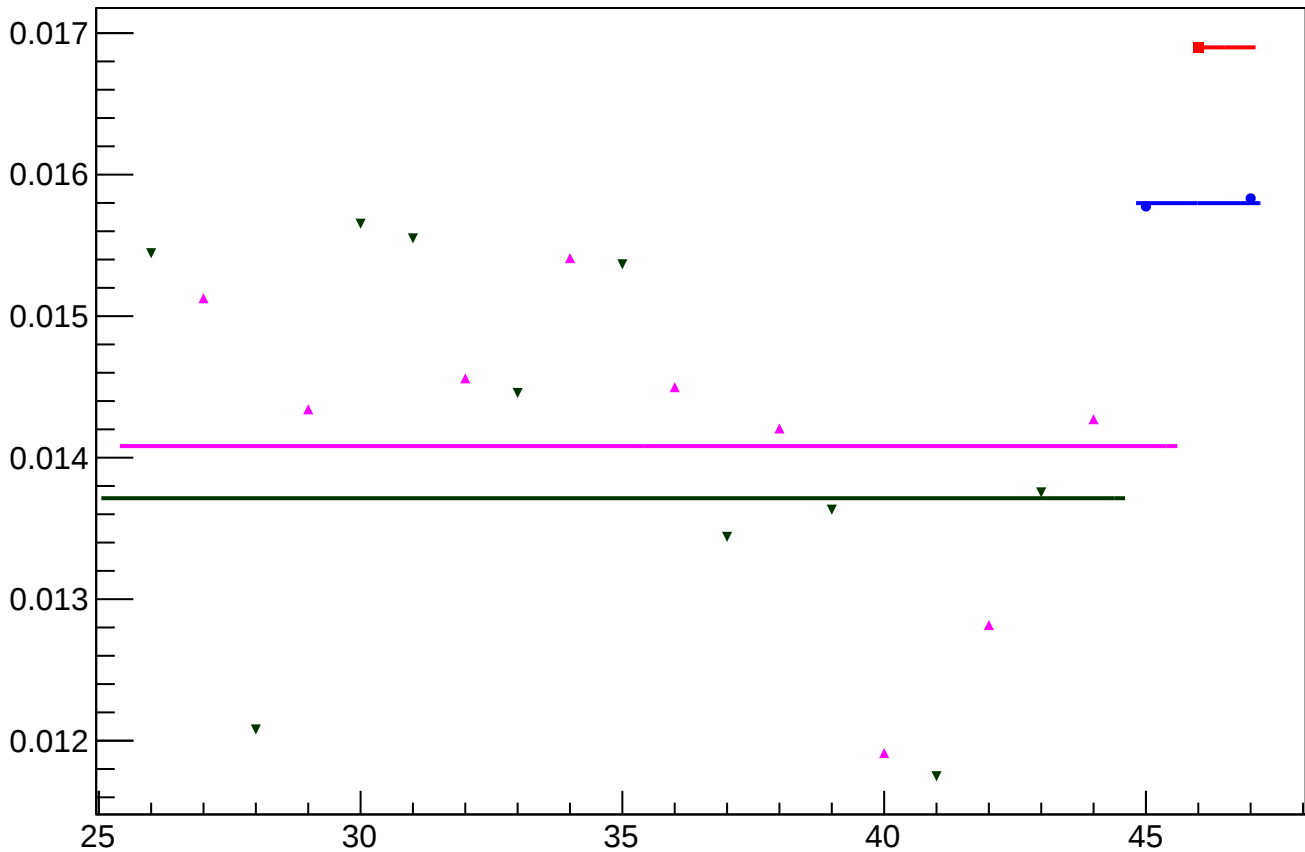
yield_bpm4acY_mean vs slug



Right In: 2.105 ± 0.000 χ^2/NDF : 3855.3/1
 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 : 2153099.3/11
 2.097 ± 0.000 χ^2/NDF : 4021036.8/9

yield_bpm4acY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 6.5/1

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

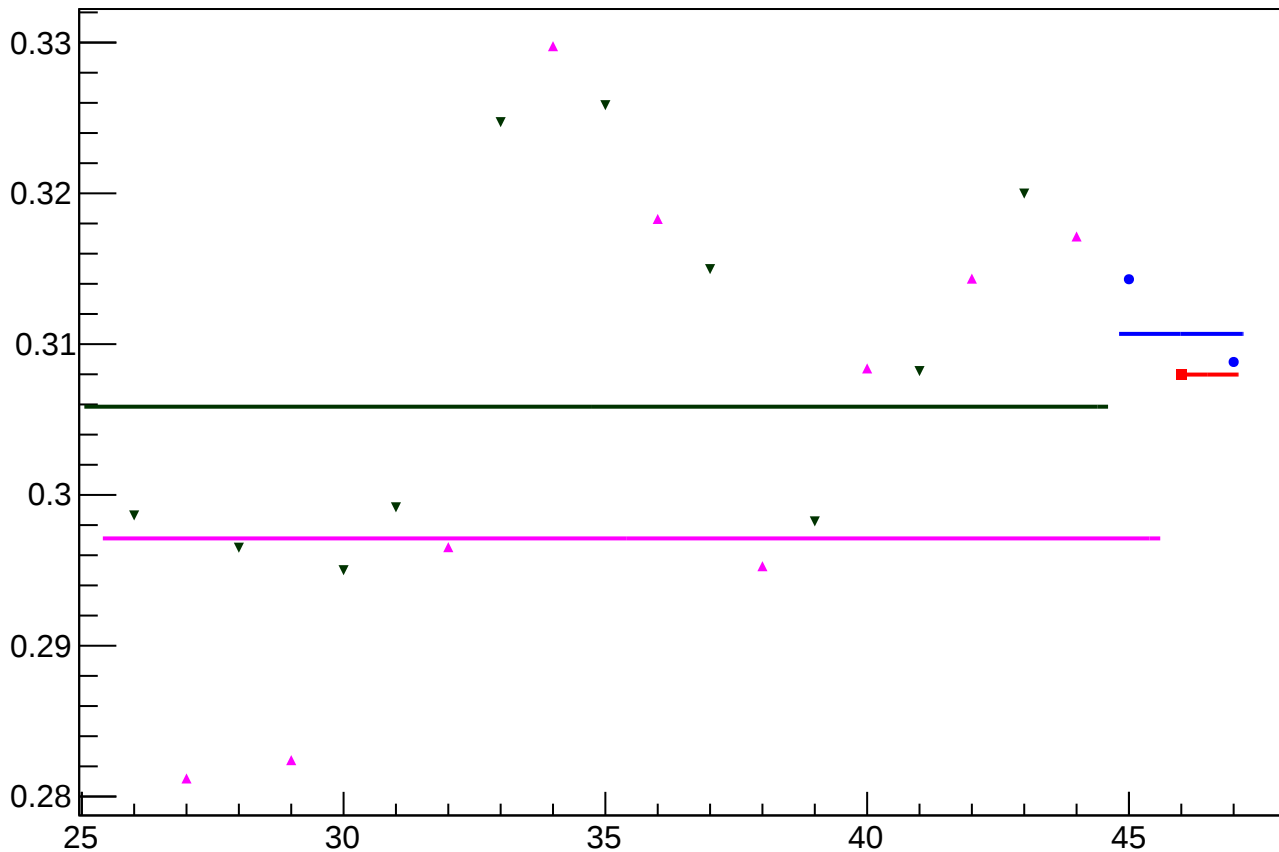
0.014+/-0.000 χ^2/NDF : 136500.1/11

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: 0.311+/-0.000 χ^2/NDF : 19599.2/1

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

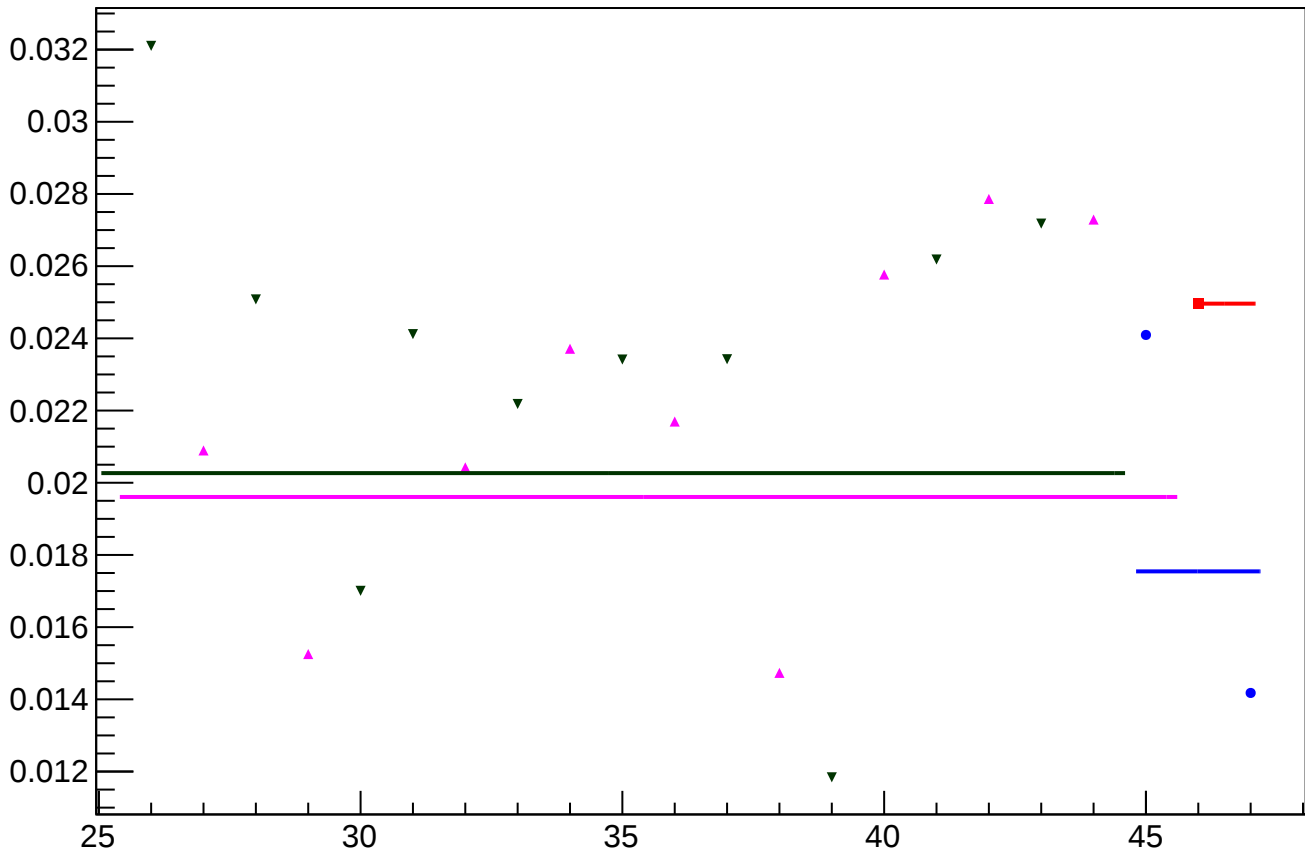
0.307+/-0.000 χ^2/NDF : 1517405.7/11

Right Out: 0.308+/-0.000 χ^2/NDF : 0.0/0

0.298+/-0.000 χ^2/NDF : 3182482.1/9

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

yield_bpm4ecX_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 128144.1/1

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

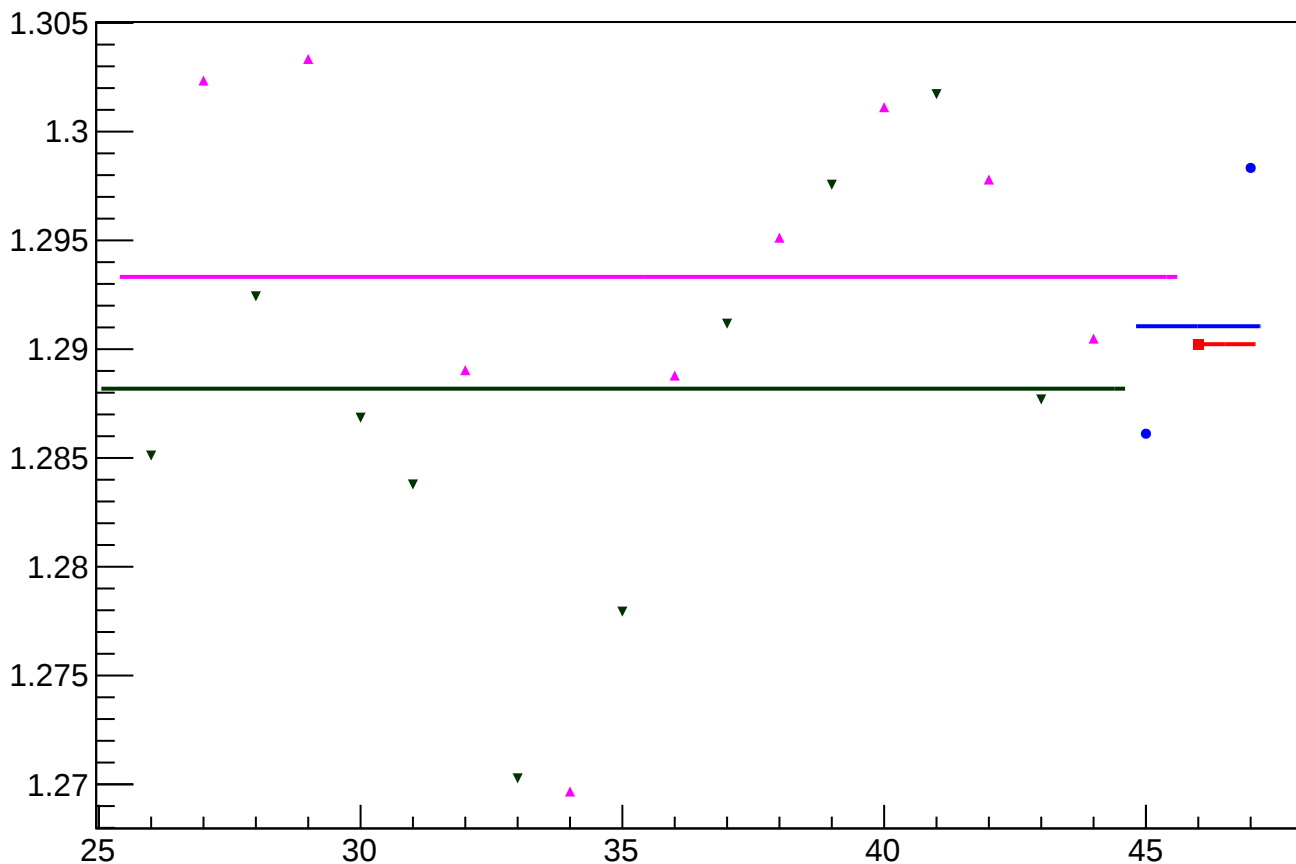
Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.020+/-0.000 χ^2/NDF : 968050.4/11

0.020+/-0.000 χ^2/NDF : 525085.0/9

yield_bpm4ecY_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 316587.3/1

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

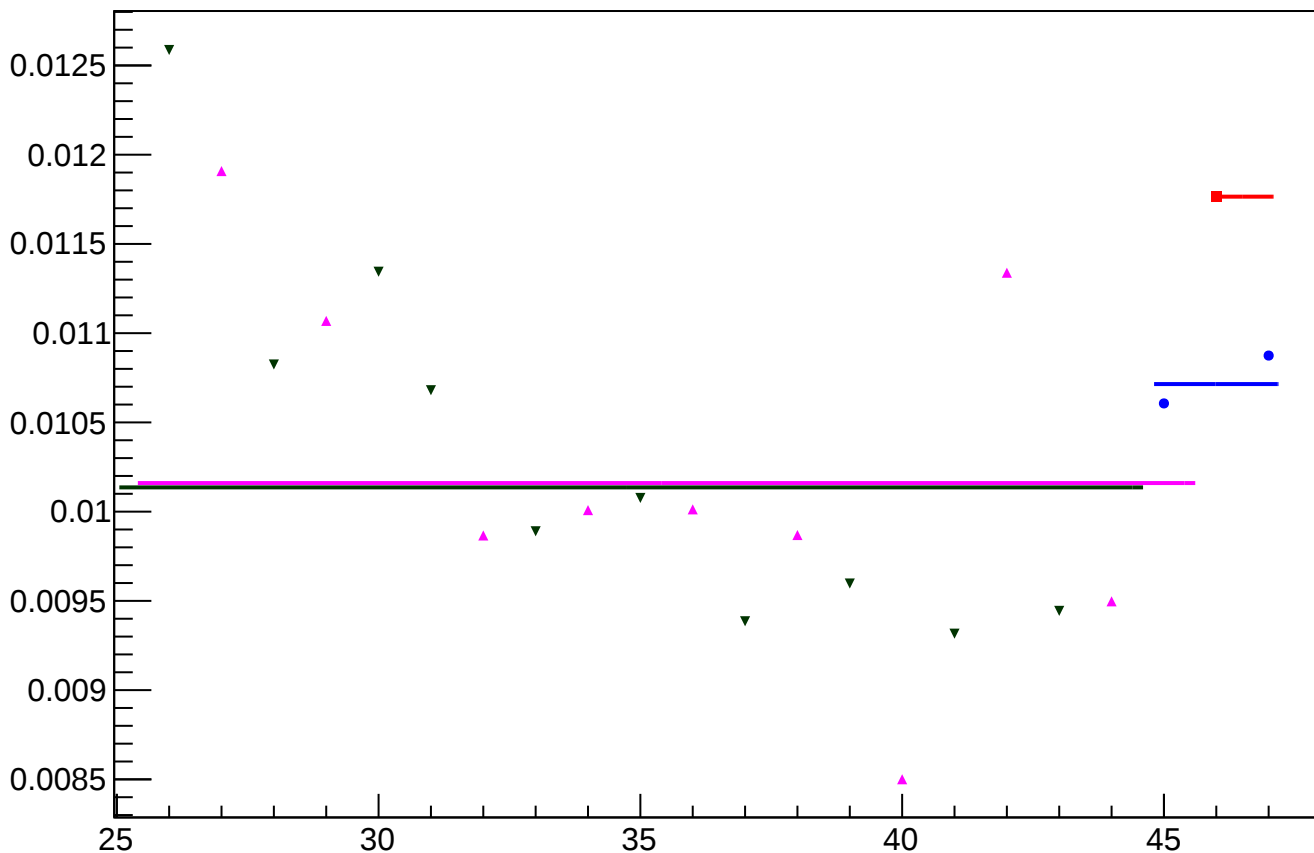
Right Out: 1.290+/-0.000 χ^2/NDF : 0.0/0

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

1.289+/-0.000 χ^2/NDF : 4354946.7/11

1.293+/-0.000 χ^2/NDF : 4710580.3/9

yield_bpm4ecY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 305.0/1

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

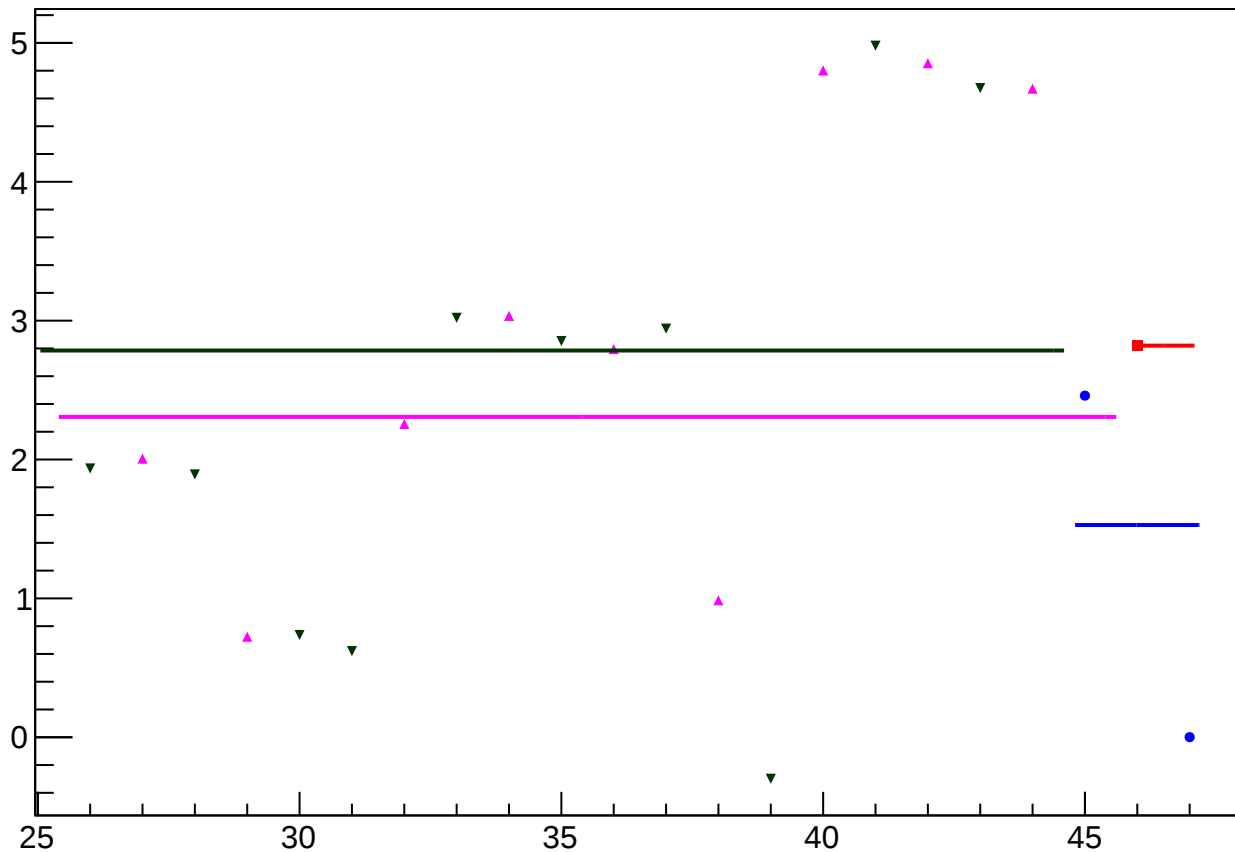
Right Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 82914.2/11

0.010+/-0.000 χ^2/NDF : 114529.3/9

yield_bpm1X_mean vs slug



Right In: 1.528 ± 0.000 χ^2/NDF : 69454686.7/1

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

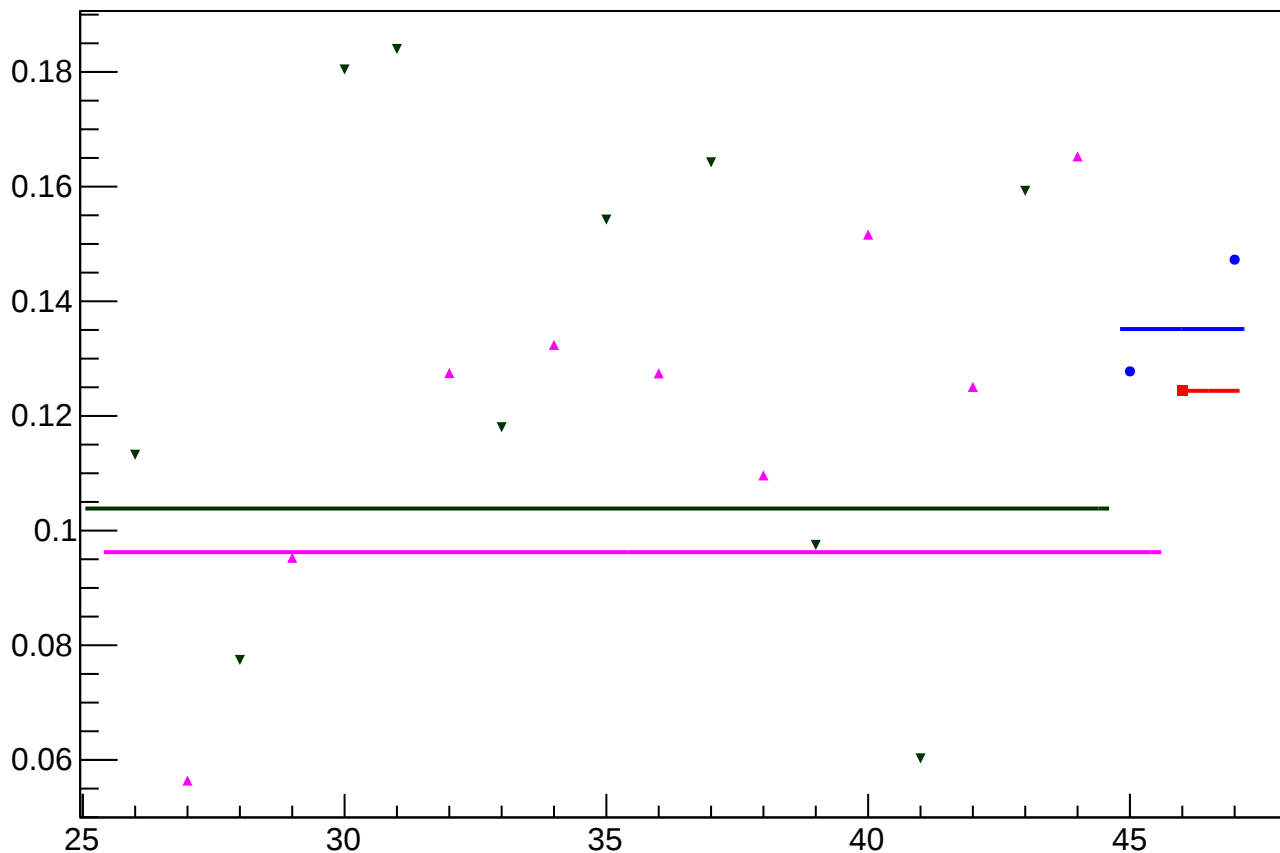
Right Out: 2.820 ± 0.000 χ^2/NDF : 0.0/0

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

2.618 ± 0.000 χ^2/NDF : 1073718120.2/11

2.330 ± 0.000 χ^2/NDF : 641716831.6/9

yield_bpm1X_rms vs slug



Right In: 0.135+/-0.000 χ^2/NDF : 8723.1/1

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

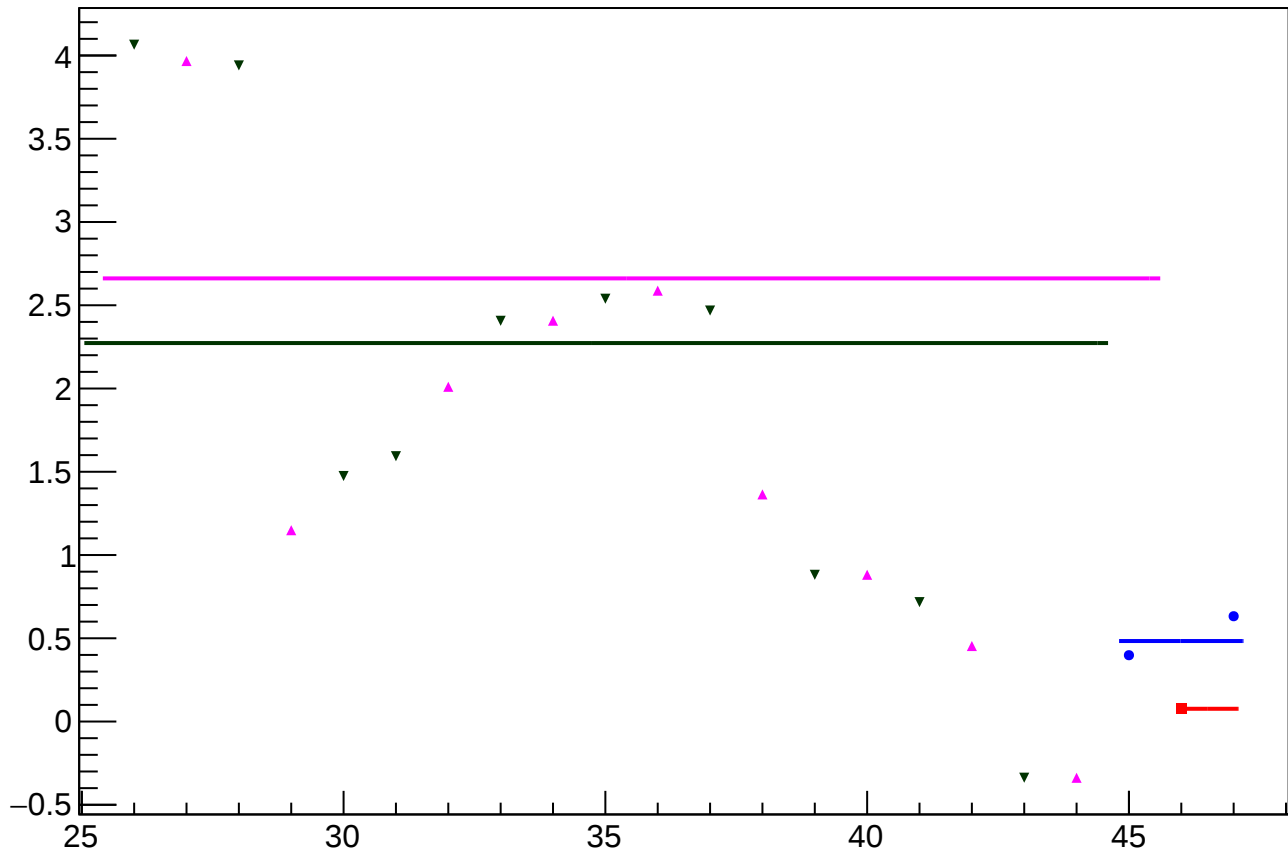
Right Out: 0.124+/-0.000 χ^2/NDF : 0.0/0

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

0.108+/-0.000 χ^2/NDF : 1161154.1/11

0.097+/-0.000 χ^2/NDF : 1093540.4/9

yield_bpm1Y_mean vs slug



Right In: 0.483+/-0.000 χ^2/NDF : 1012762.4/1

Left Out: 2.273+/-0.000 χ^2/NDF :1459606873.3/9

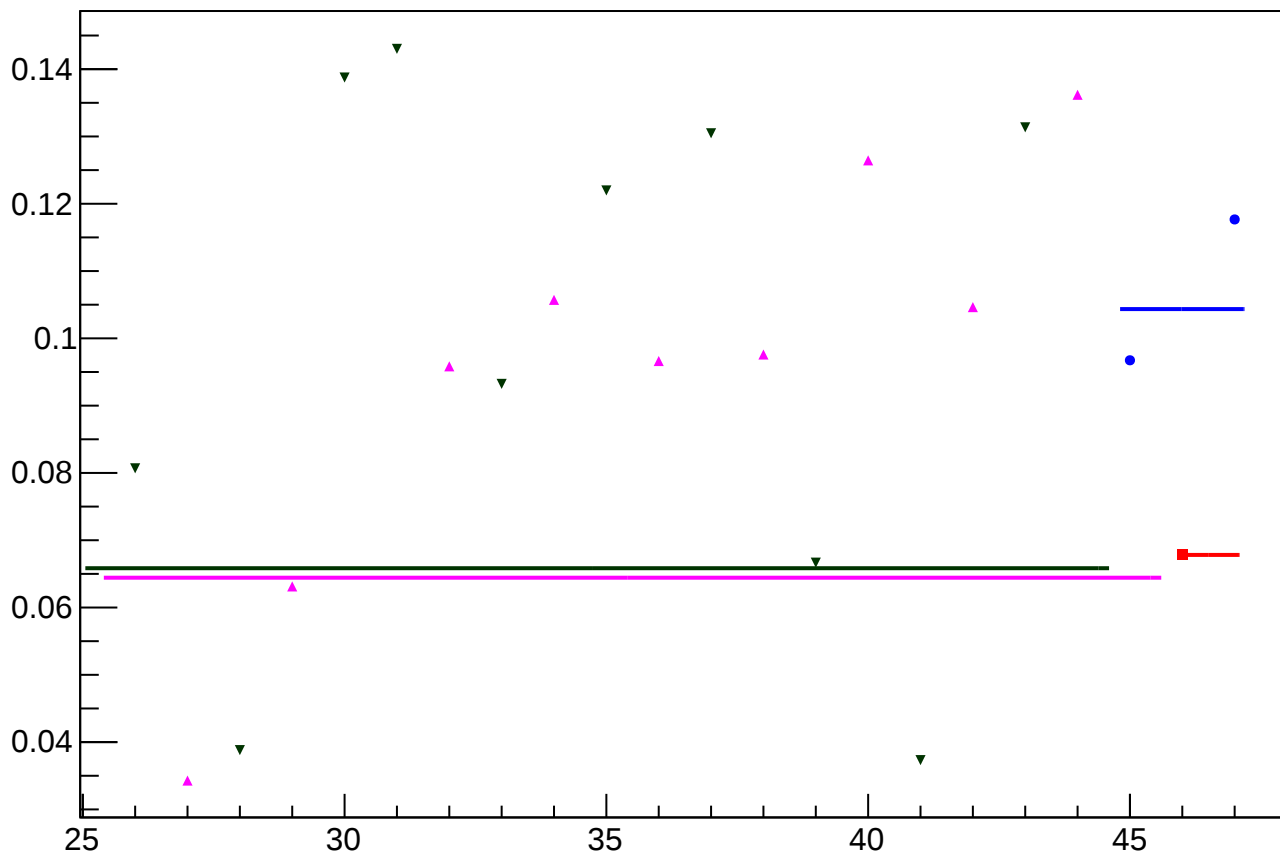
2.079+/-0.000 χ^2/NDF : 1688723483.1/11

Right Out: 0.077+/-0.000 χ^2/NDF : 0.0/0

2.516+/-0.000 χ^2/NDF : 1882434209.0/9

Left In: 2.661+/-0.000 χ^2/NDF :1577424597.4/8

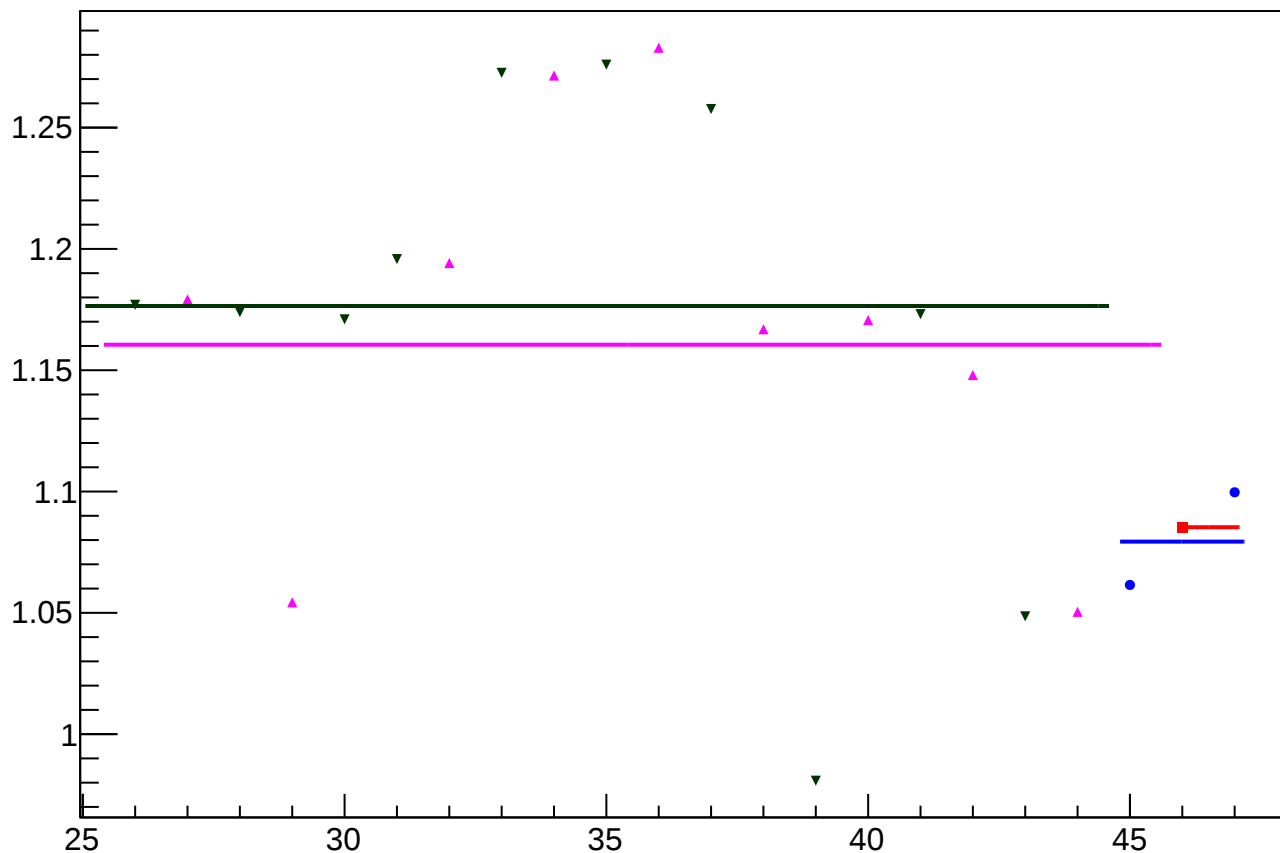
yield_bpm1Y_rms vs slug



Right In: 0.104+/-0.000 χ^2/NDF : 16191.3/1
 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

0.070+/-0.000 χ^2/NDF : 2003032.3/11
 0.065+/-0.000 χ^2/NDF : 1804478.3/9

yield_bpm11X_mean vs slug



Right In: 1.079+/-0.000 χ^2/NDF : 652266.2/1

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

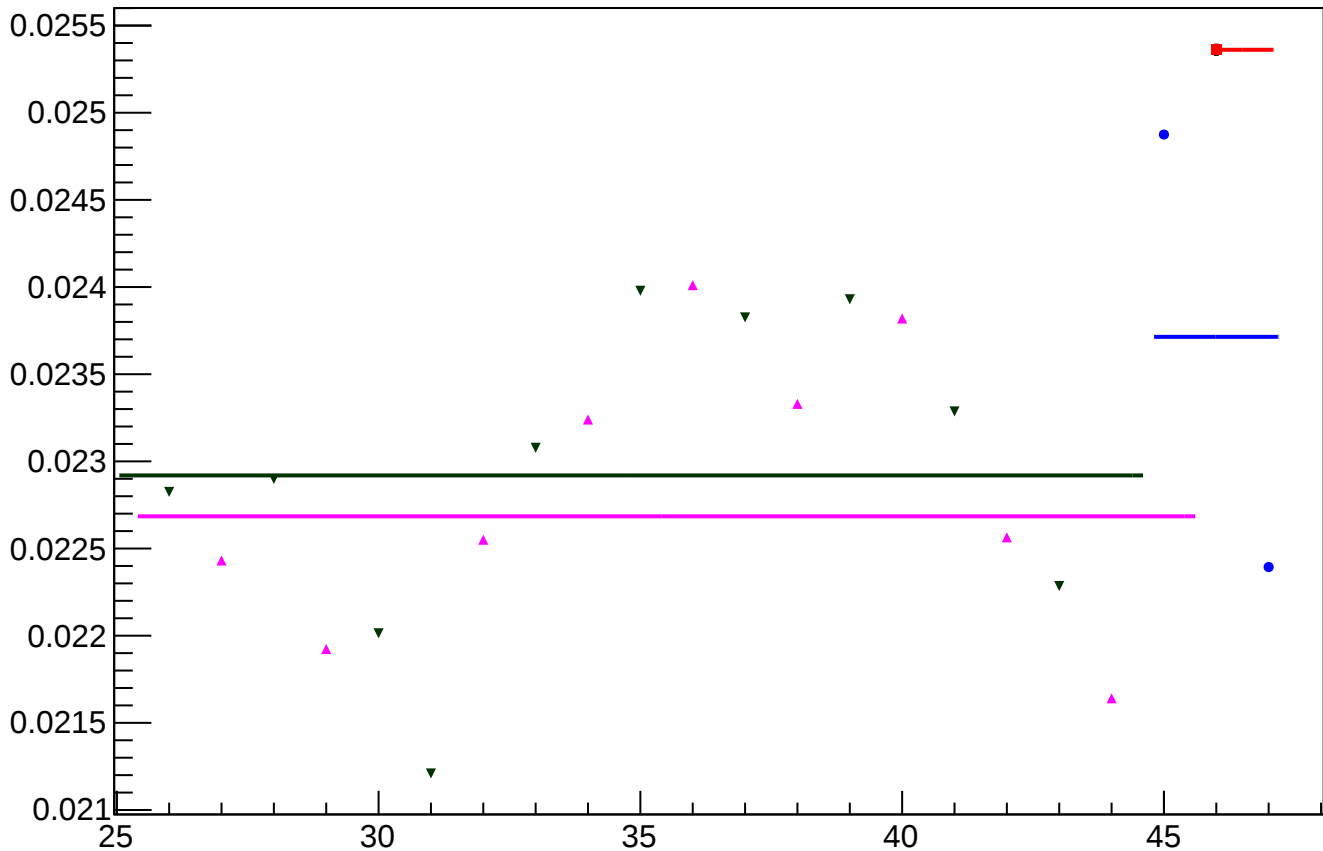
Right Out: 1.085+/-0.000 χ^2/NDF : 0.0/0

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

1.161+/-0.000 χ^2/NDF : 80921946.2/11

1.157+/-0.000 χ^2/NDF : 61140995.7/9

yield_bpm11X_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 5505.3/1

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

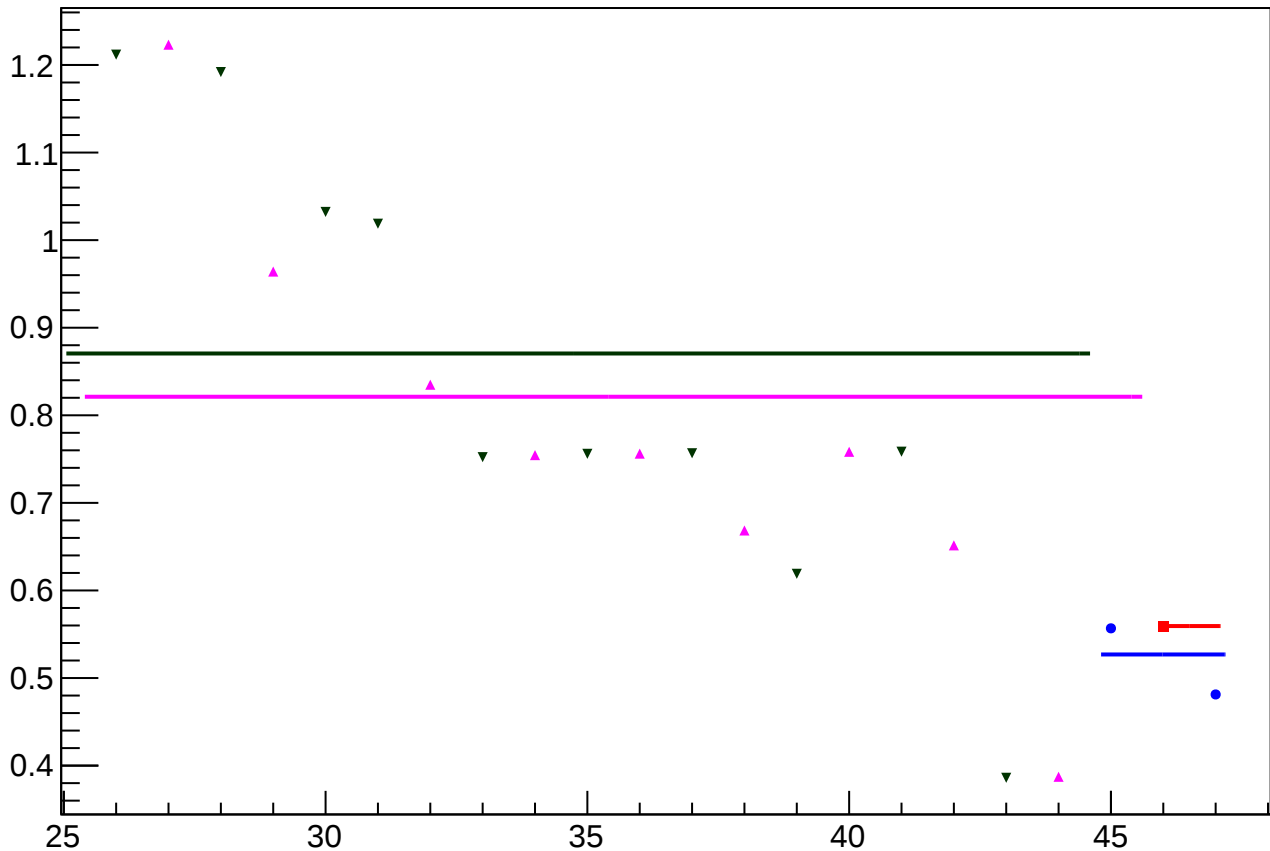
Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.023+/-0.000 χ^2/NDF : 19893.0/11

0.023+/-0.000 χ^2/NDF : 18868.6/9

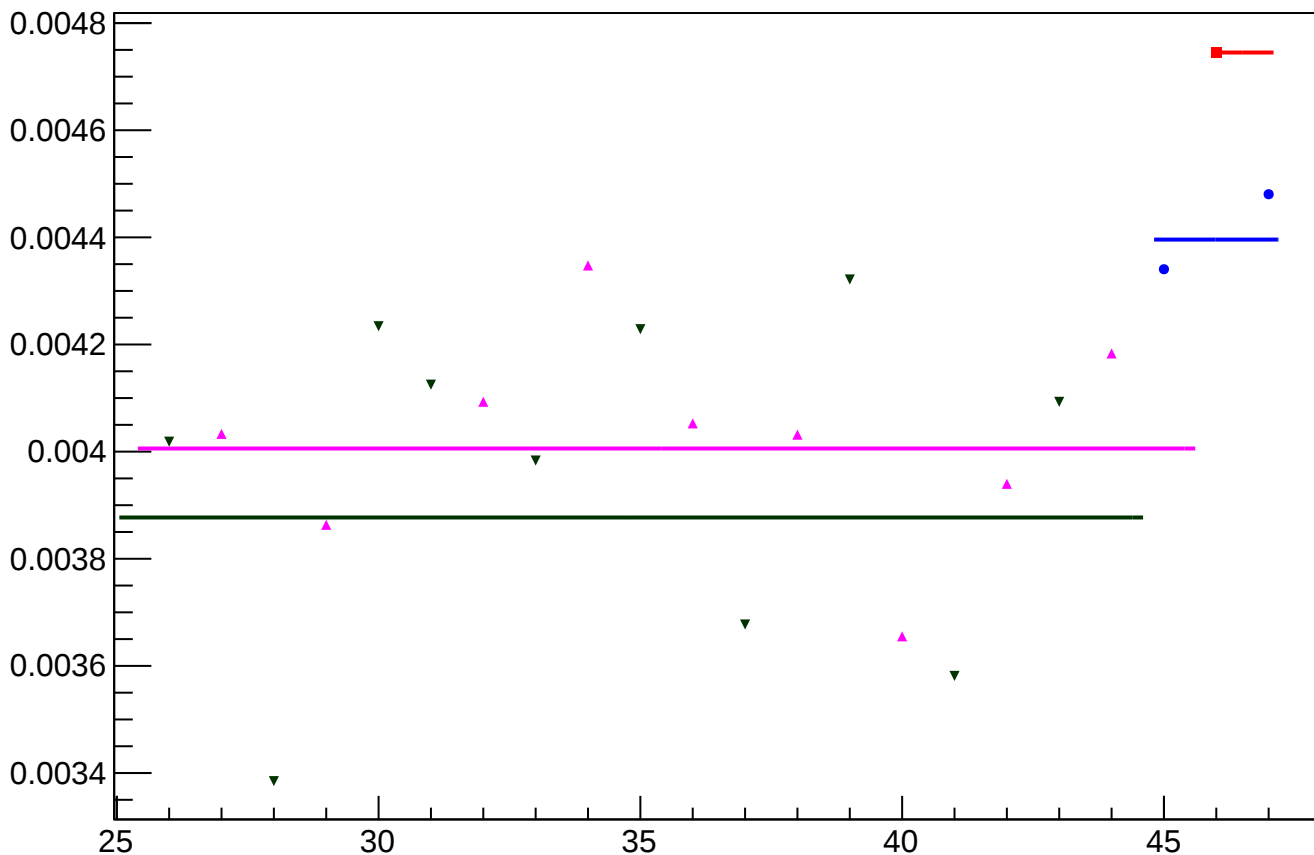
yield_bpm11Y_mean vs slug



Right In: 0.527+/-0.000 χ^2/NDF : 72476711.2/1
 Left Out: 0.871+/-0.000 χ^2/NDF :19713959128.0/9
 Right Out: 0.559+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.821+/-0.000 χ^2/NDF :16933098882.9/8

0.822+/-0.000 χ^2/NDF : 25176898327.8/11
 0.808+/-0.000 χ^2/NDF : 18092242316.6/9

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 498.3/1

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

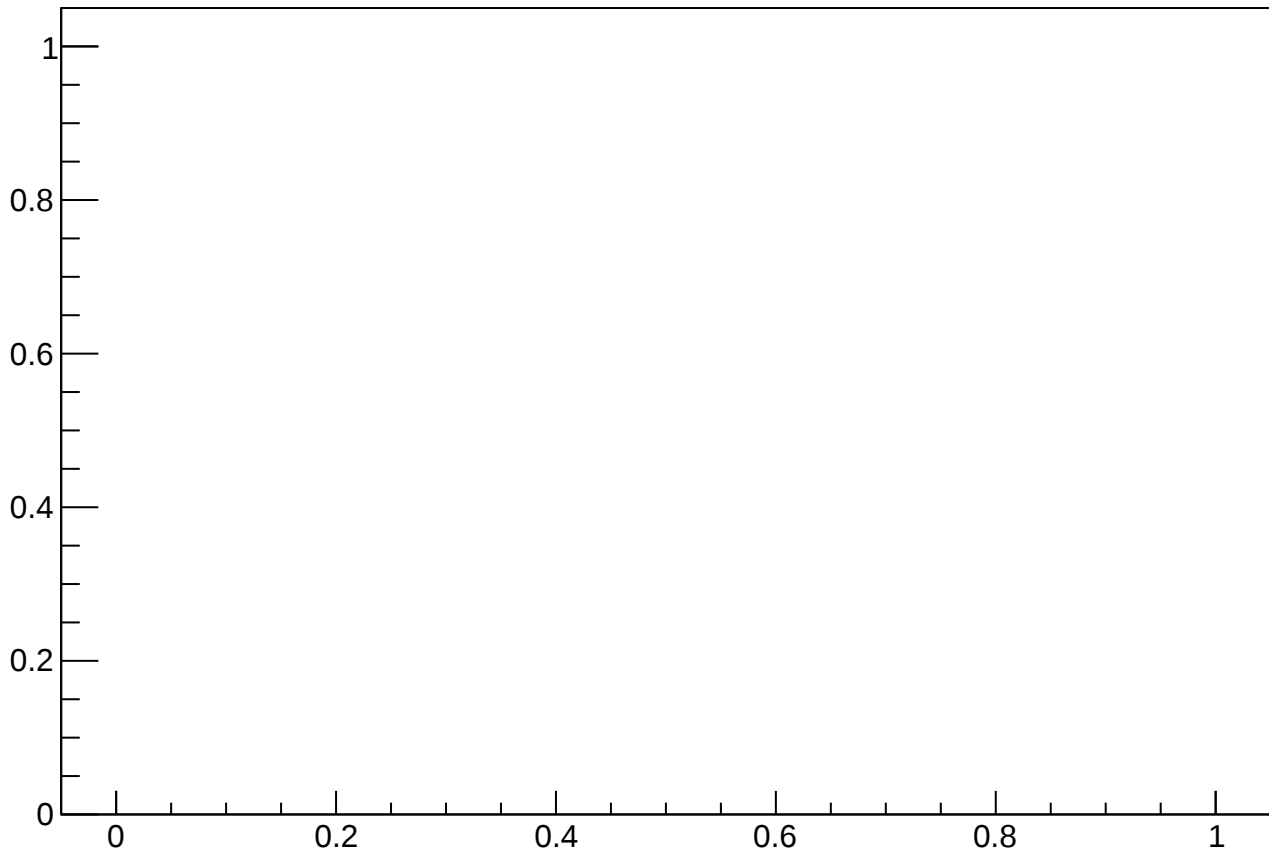
Right Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

0.004+/-0.000 χ^2/NDF : 90399.9/11

0.004+/-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

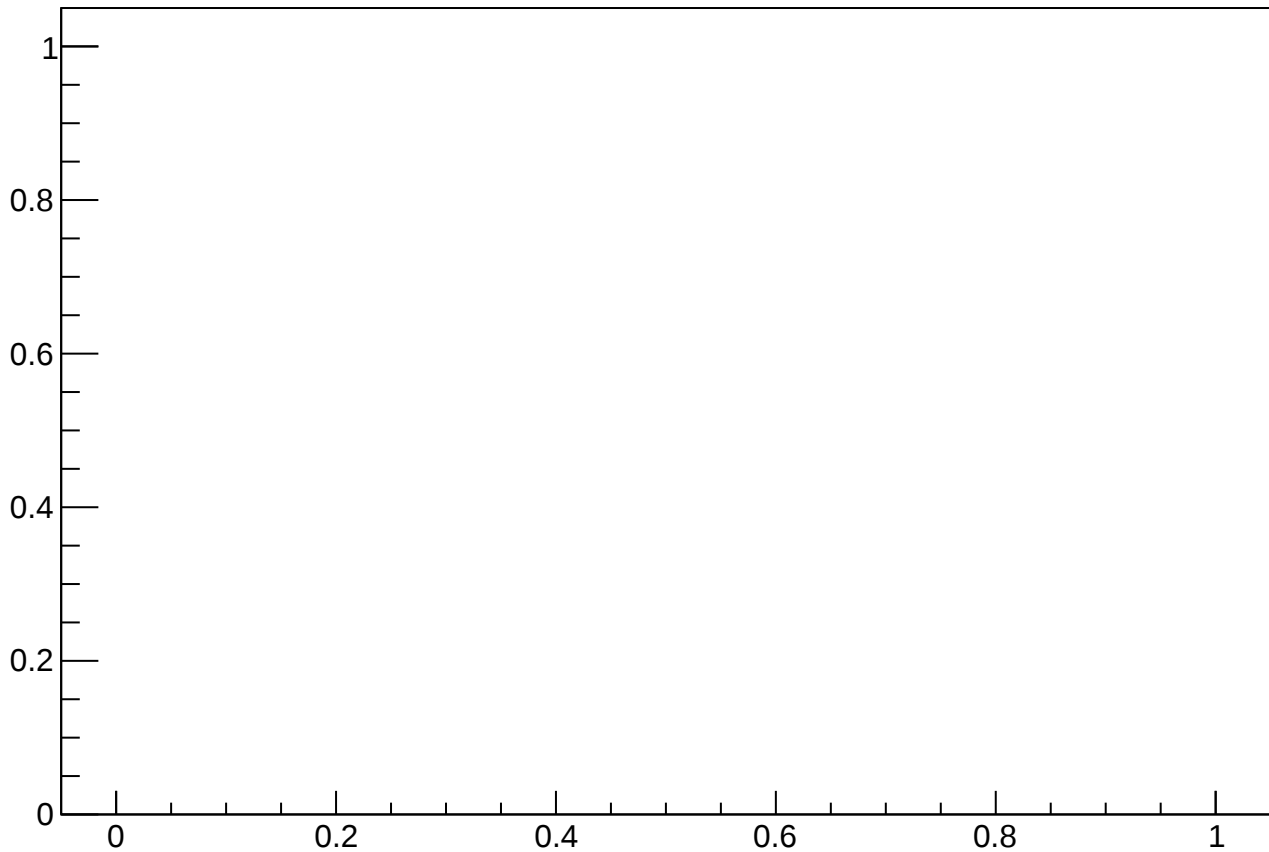
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

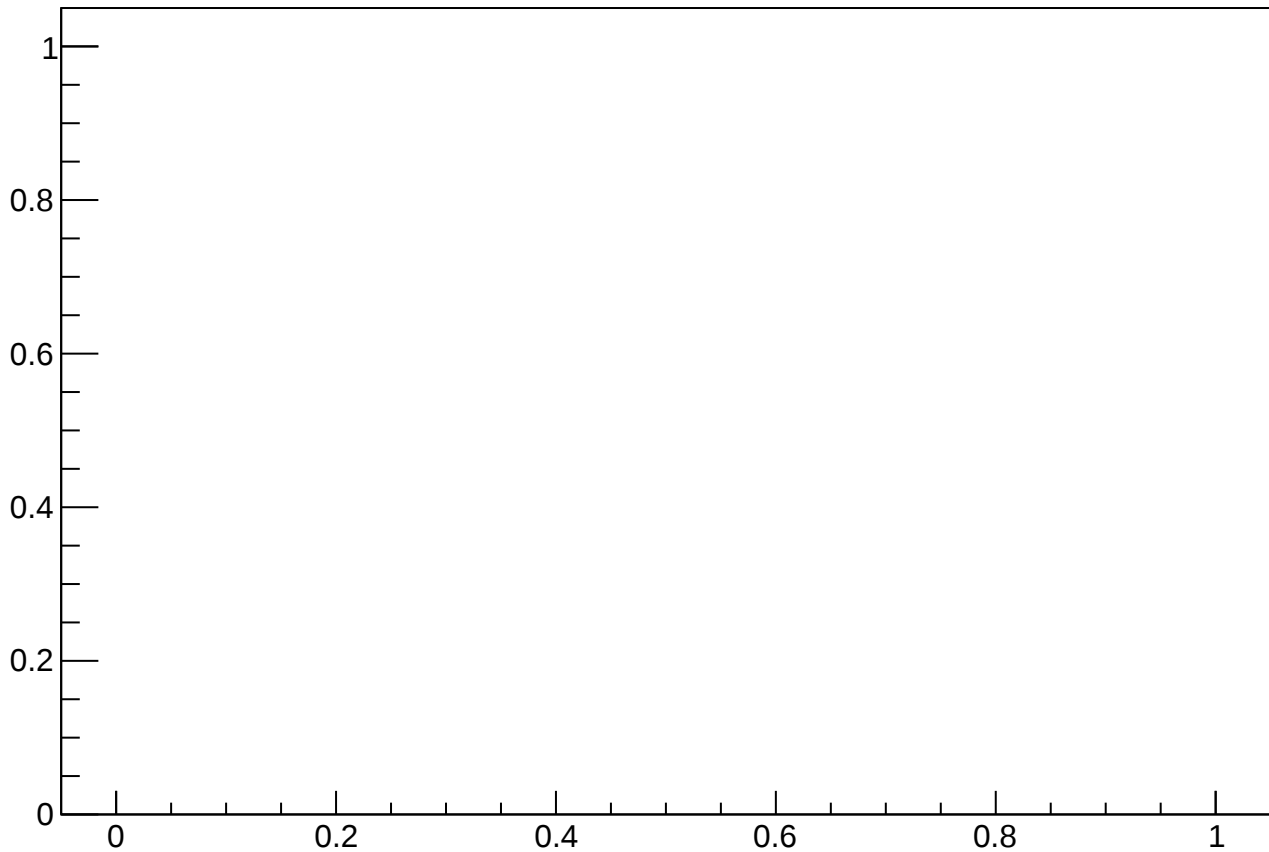
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

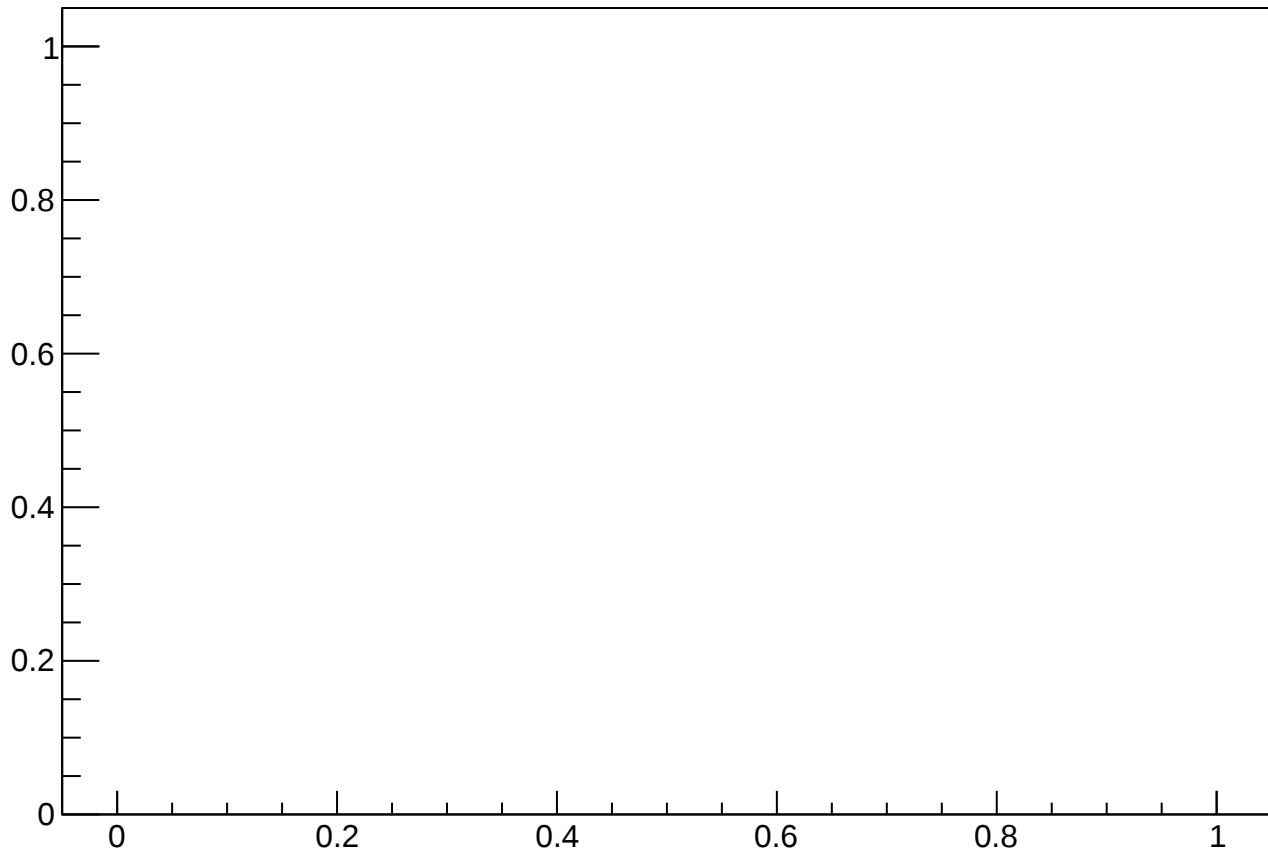
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

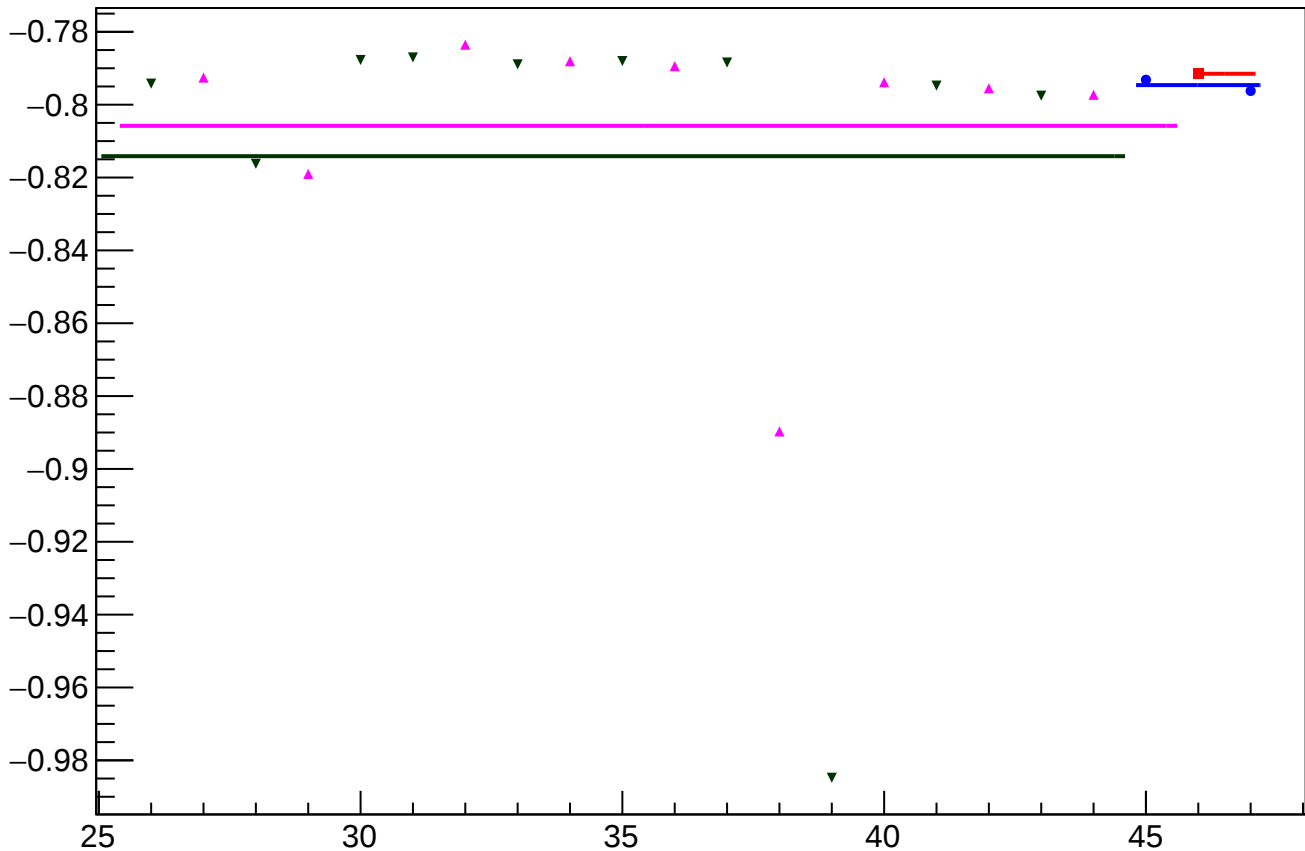
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.795+/-0.000 χ^2/NDF : 41364.6/1

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

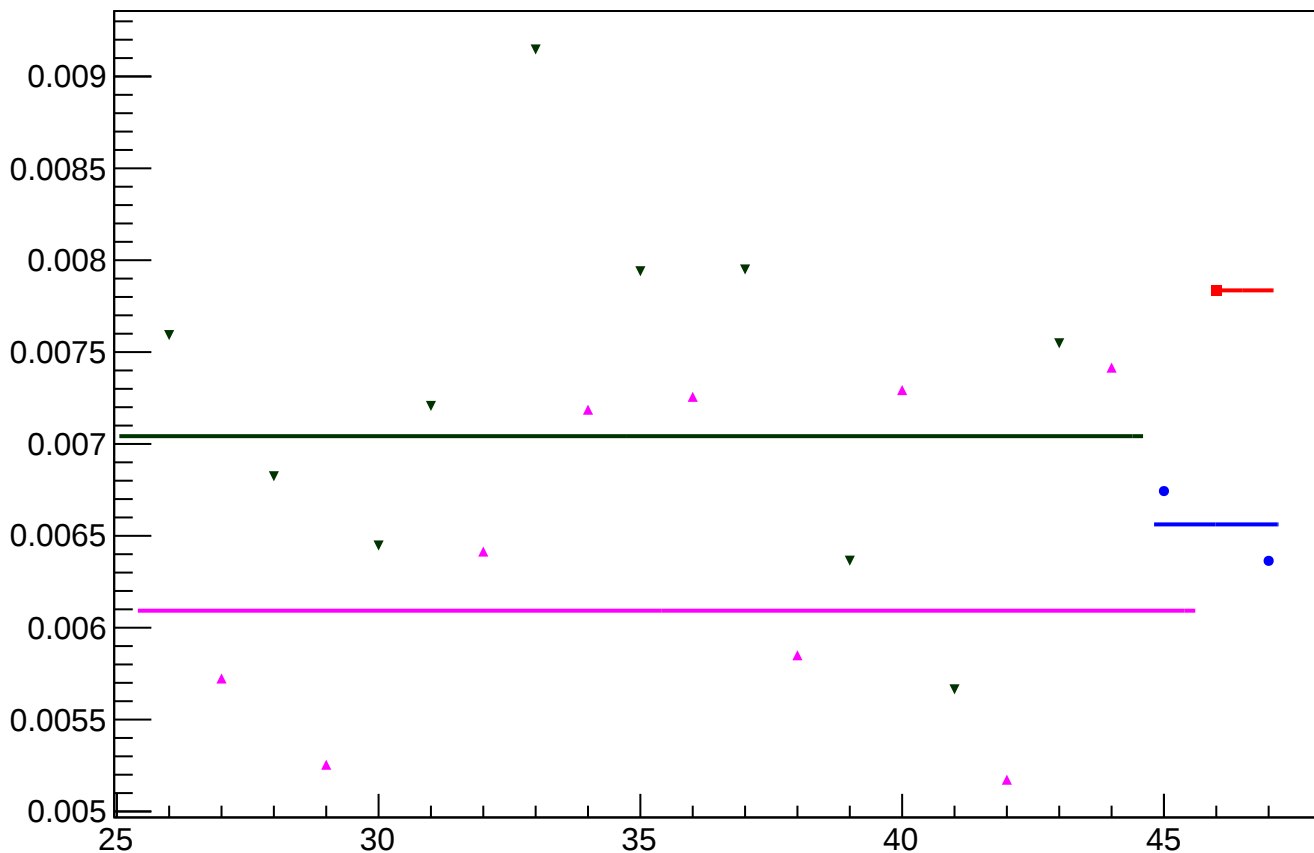
Right Out: -0.792+/-0.000 χ^2/NDF : 0.0/0

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

-0.810+/-0.000 χ^2/NDF : 261867126.0/11

-0.805+/-0.000 χ^2/NDF : 96323531.3/9

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1264.6/1

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

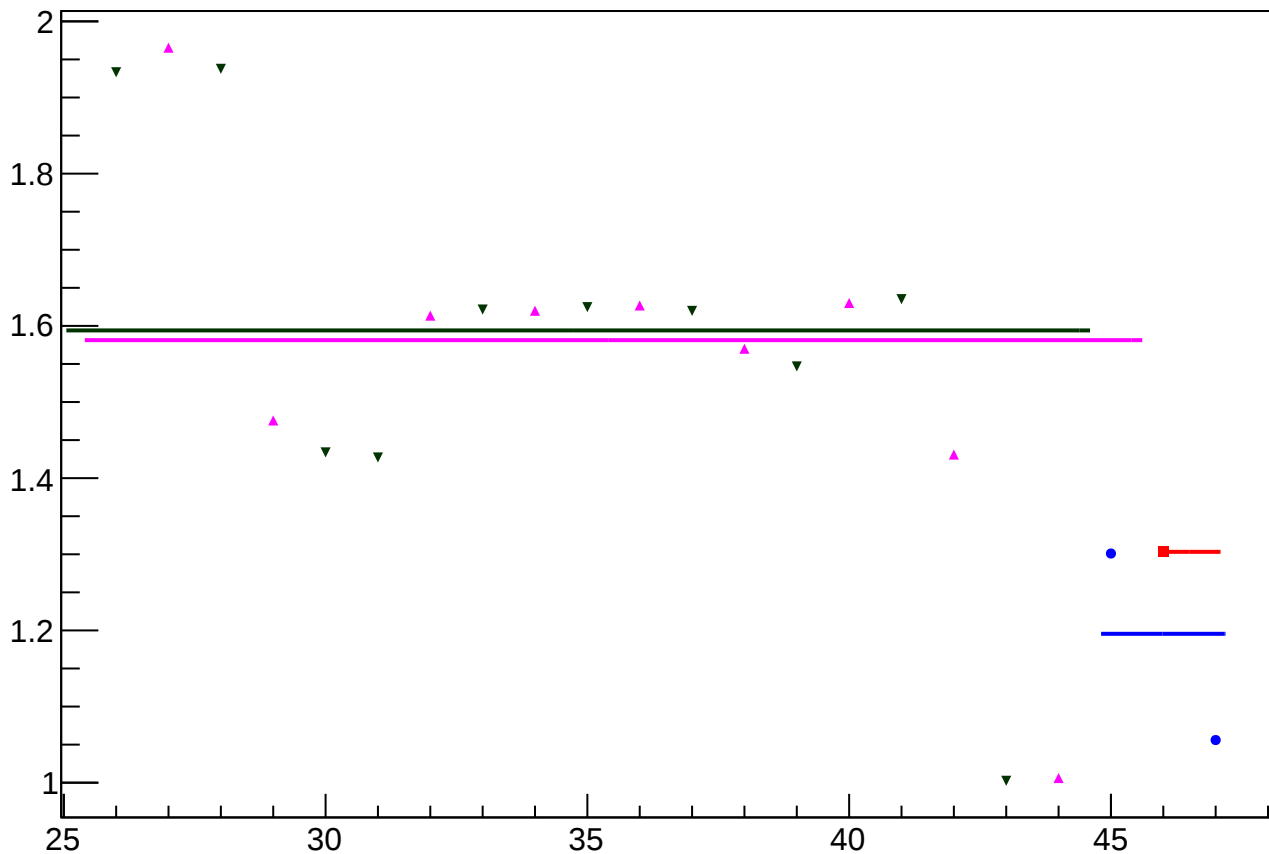
Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 142579.9/11

0.006+/-0.000 χ^2/NDF : 169645.8/9

yield_bpm12Y_mean vs slug



Right In: 1.196 $\pm$ 0.000 χ^2/NDF : 327098767.9/1

Left Out: 1.594 $\pm$ 0.000 χ^2/NDF : 6691352437.6/9

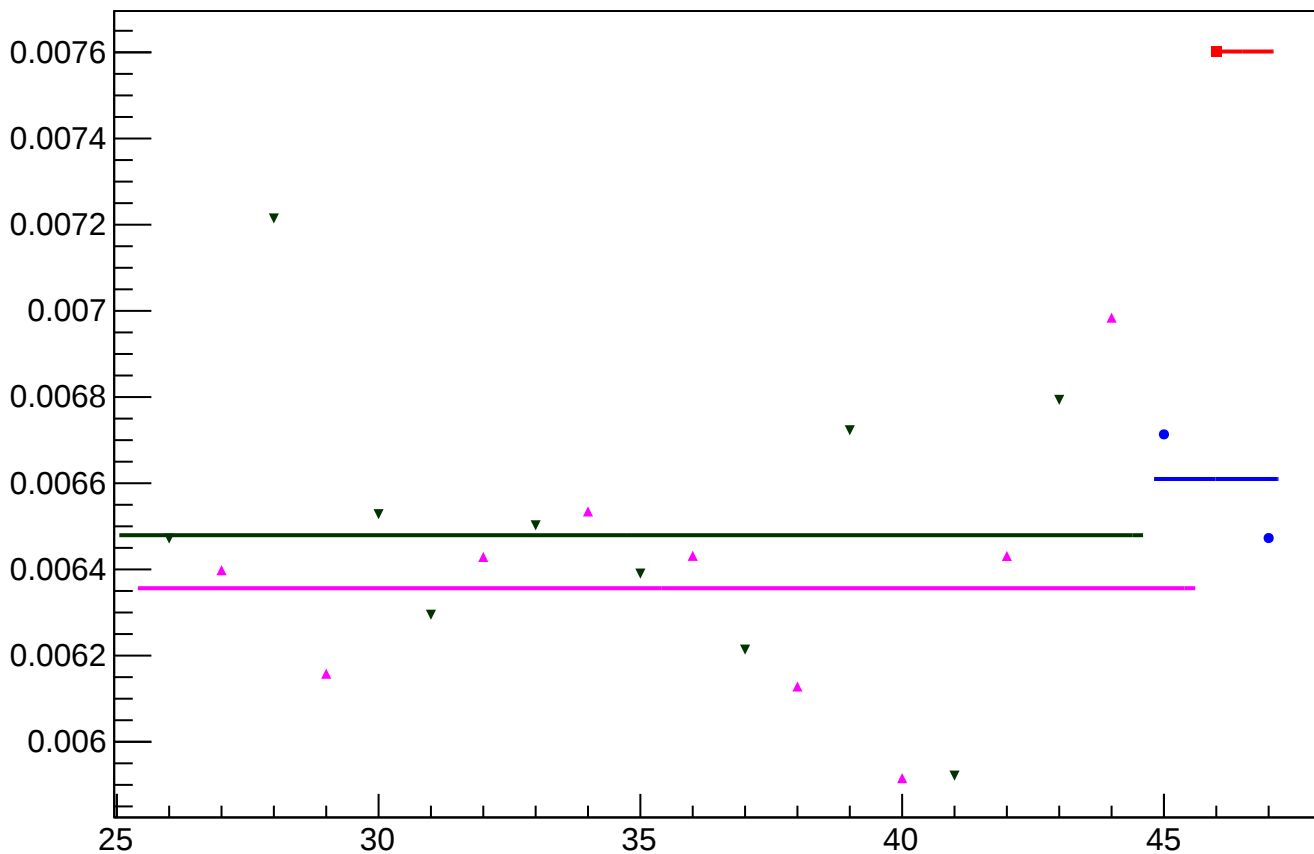
Right Out: 1.303 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 1.581 $\pm$ 0.000 χ^2/NDF : 6756932210.6/8

1.528 $\pm$ 0.000 χ^2/NDF : 9966323202.6/11

1.568 $\pm$ 0.000 χ^2/NDF : 7218356880.6/9

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 630.8/1

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

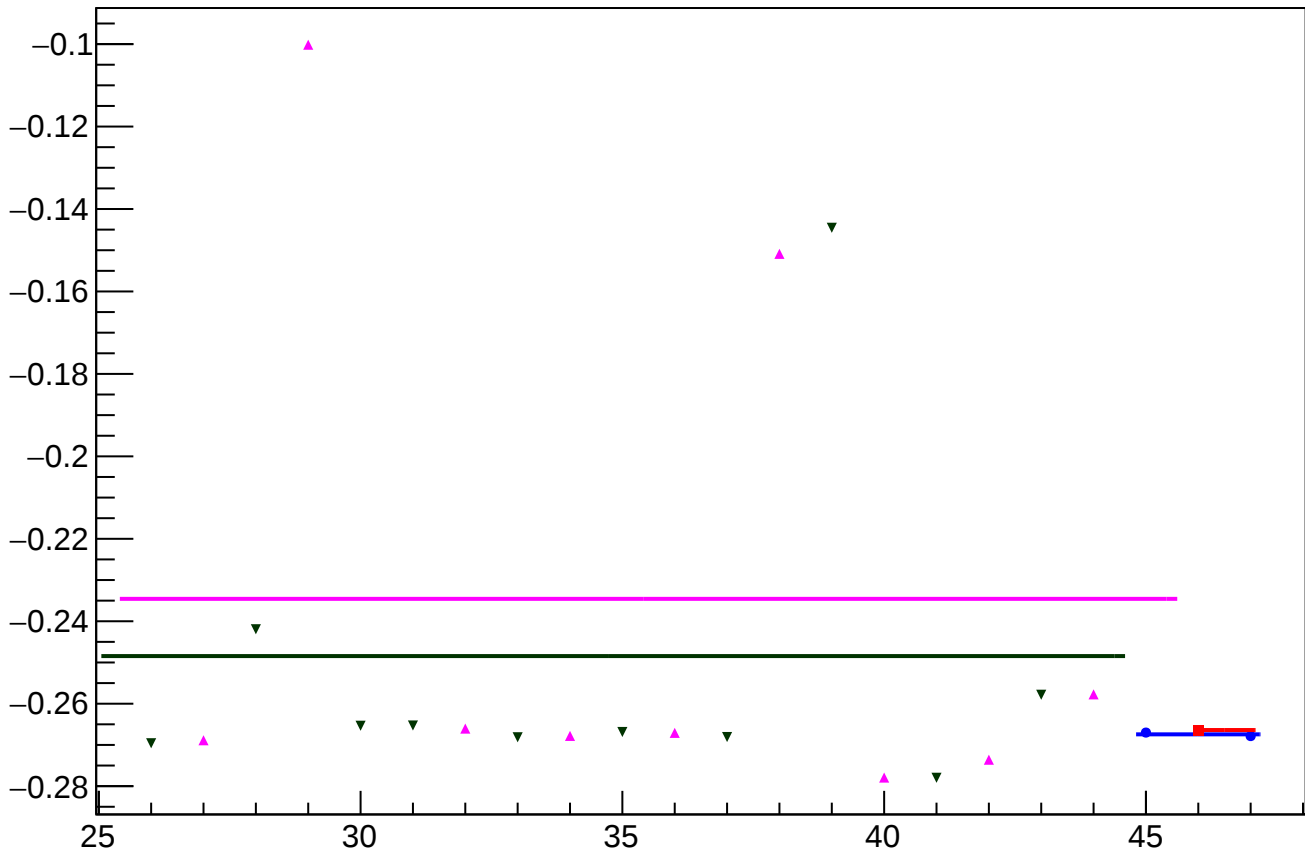
Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

0.007+/-0.000 χ^2/NDF : 29063.8/11

0.006+/-0.000 χ^2/NDF : 35523.7/9

yield_bpm16X_mean vs slug



Right In: -0.267+/-0.000 χ^2 /NDF: 8616.0/1

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

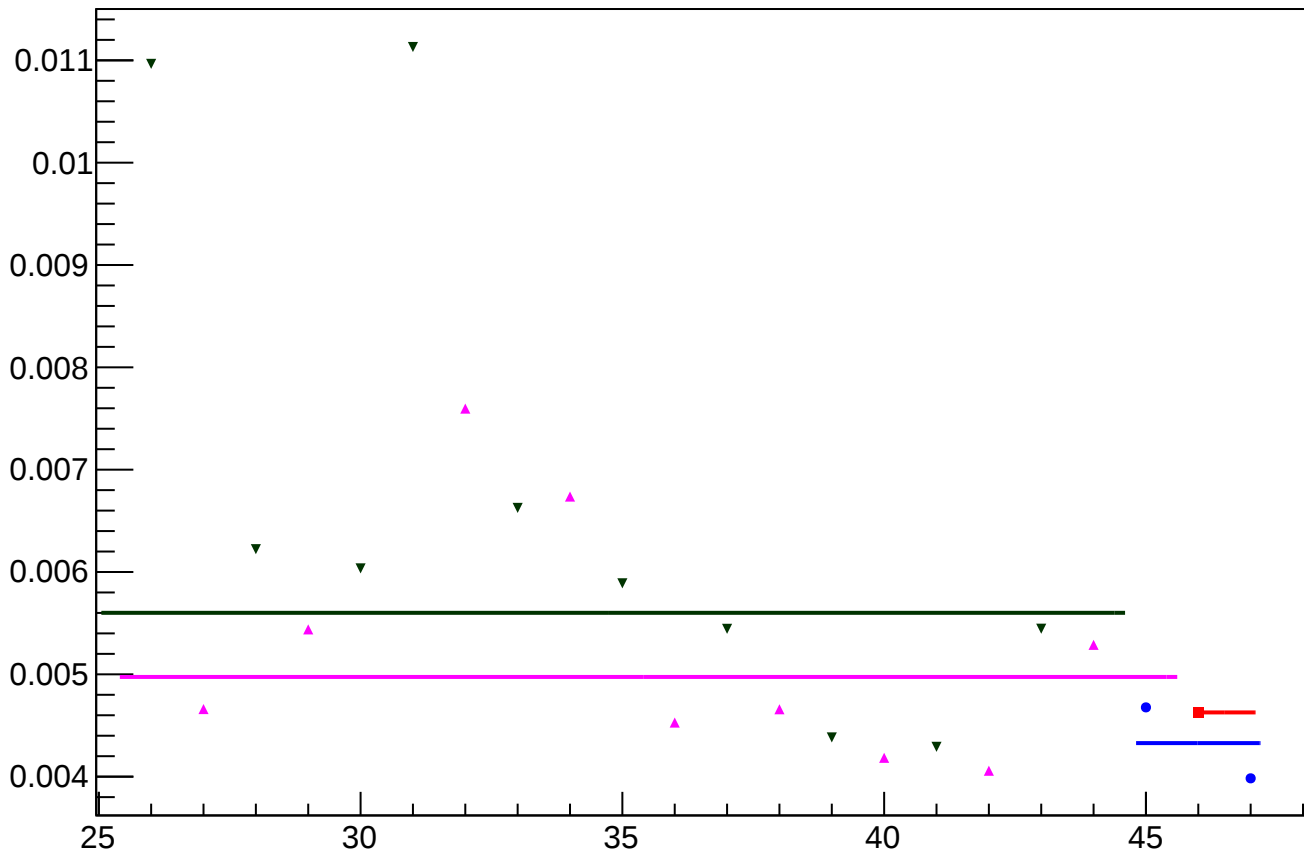
-0.253+/-0.000 χ^2 /NDF: 272172156.0/11

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: 0.004+/-0.000 χ^2/NDF : 11399.3/1

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

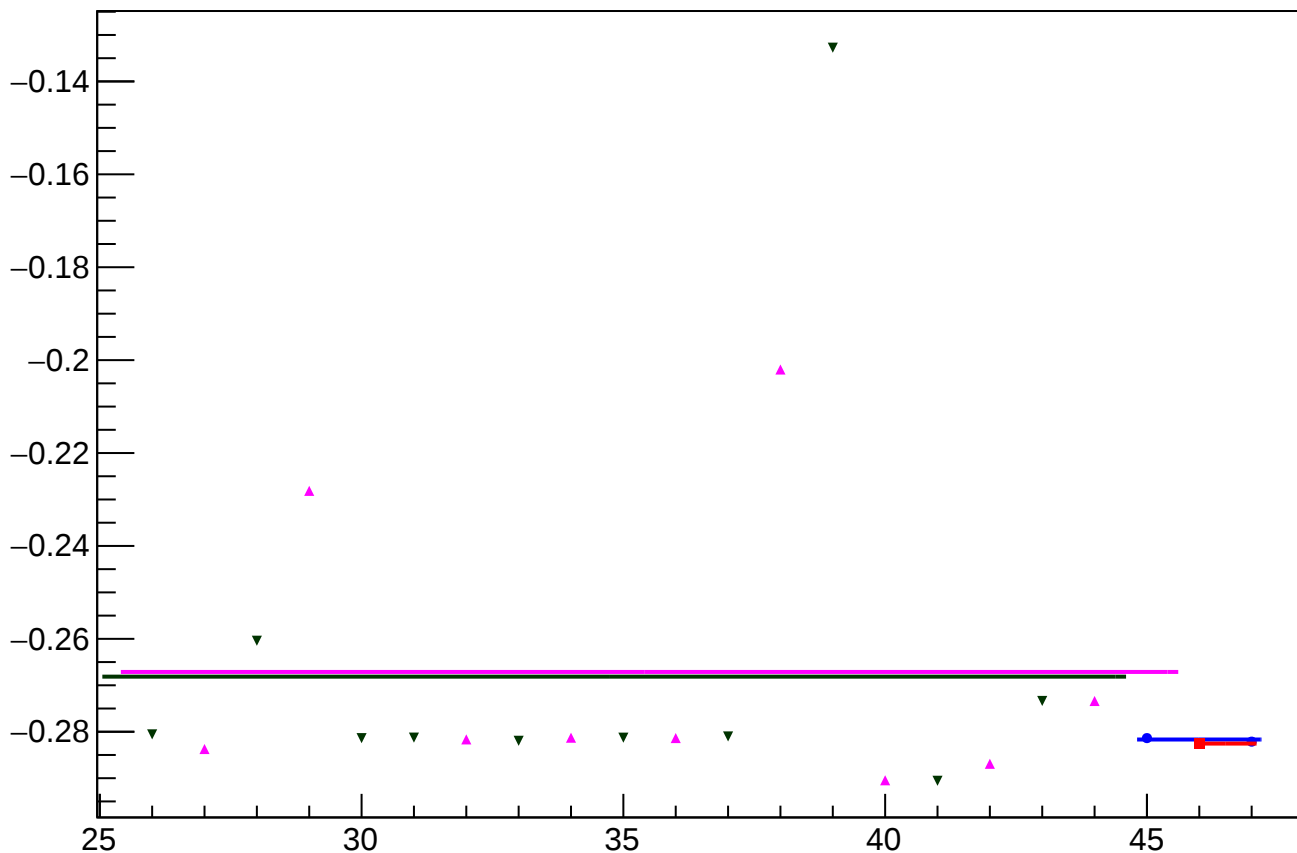
Right Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

0.005+/-0.000 χ^2/NDF : 728320.3/11

0.005+/-0.000 χ^2/NDF : 366665.5/9

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 15554.7/1

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

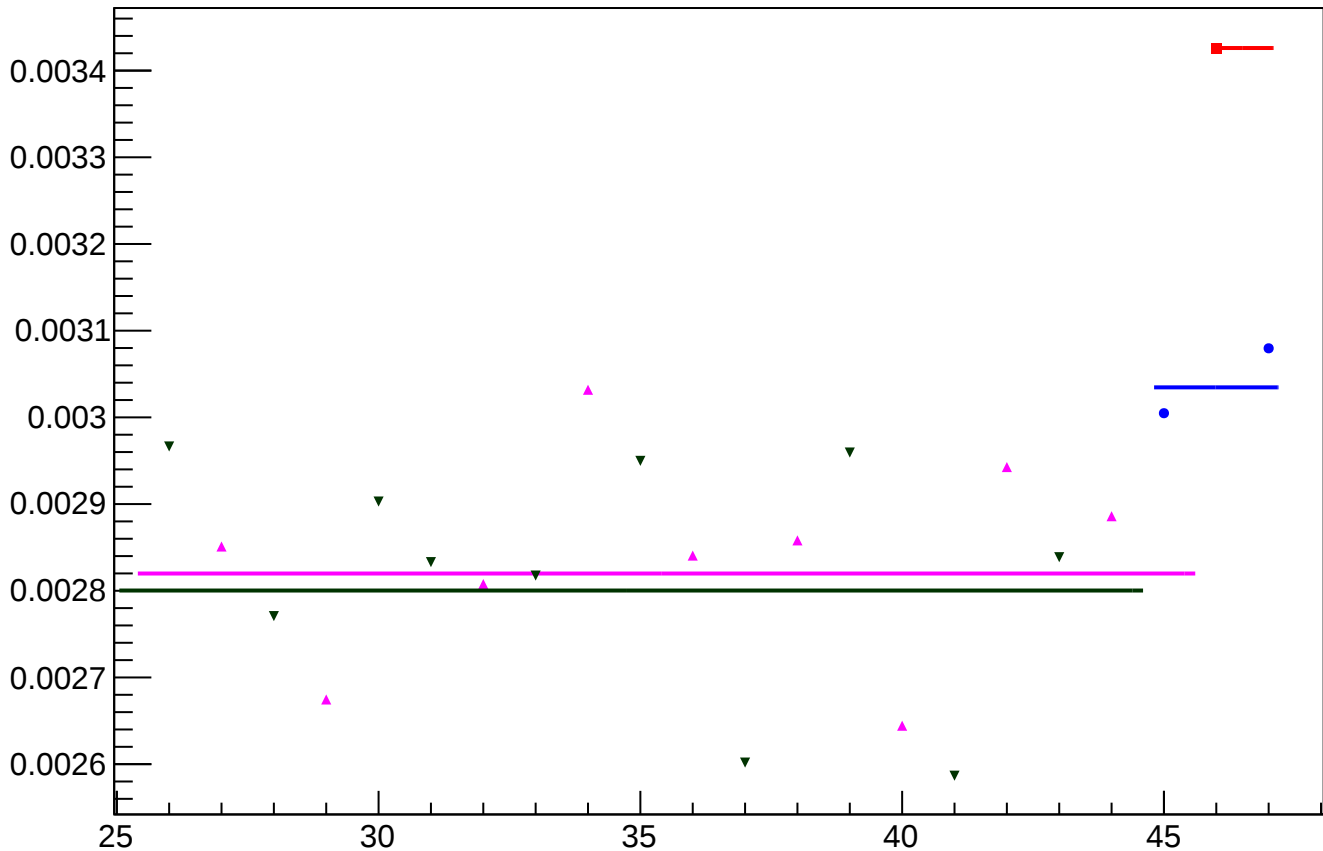
Right Out: -0.283+/-0.000 χ^2/NDF : 0.0/0

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

-0.270+/-0.000 χ^2/NDF : 977788025.7/11

-0.268+/-0.000 χ^2/NDF : 561608373.6/9

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 298.7/1

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

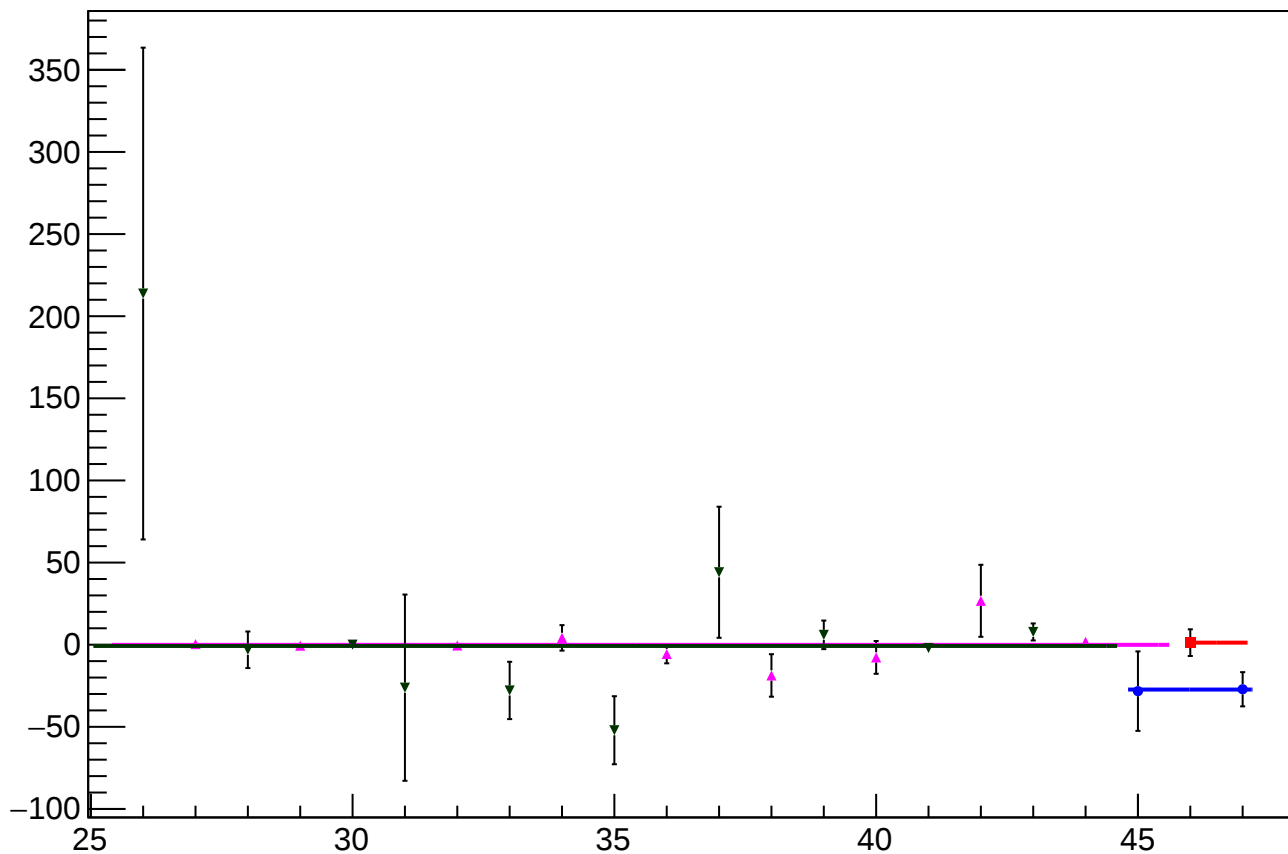
0.003+/-0.000 χ^2/NDF : 34387.3/11

Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 39865.5/9

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

diff_cav4bX_mean vs slug



Right In: -27.303+/-9.565 χ^2/NDF : 0.0/1

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

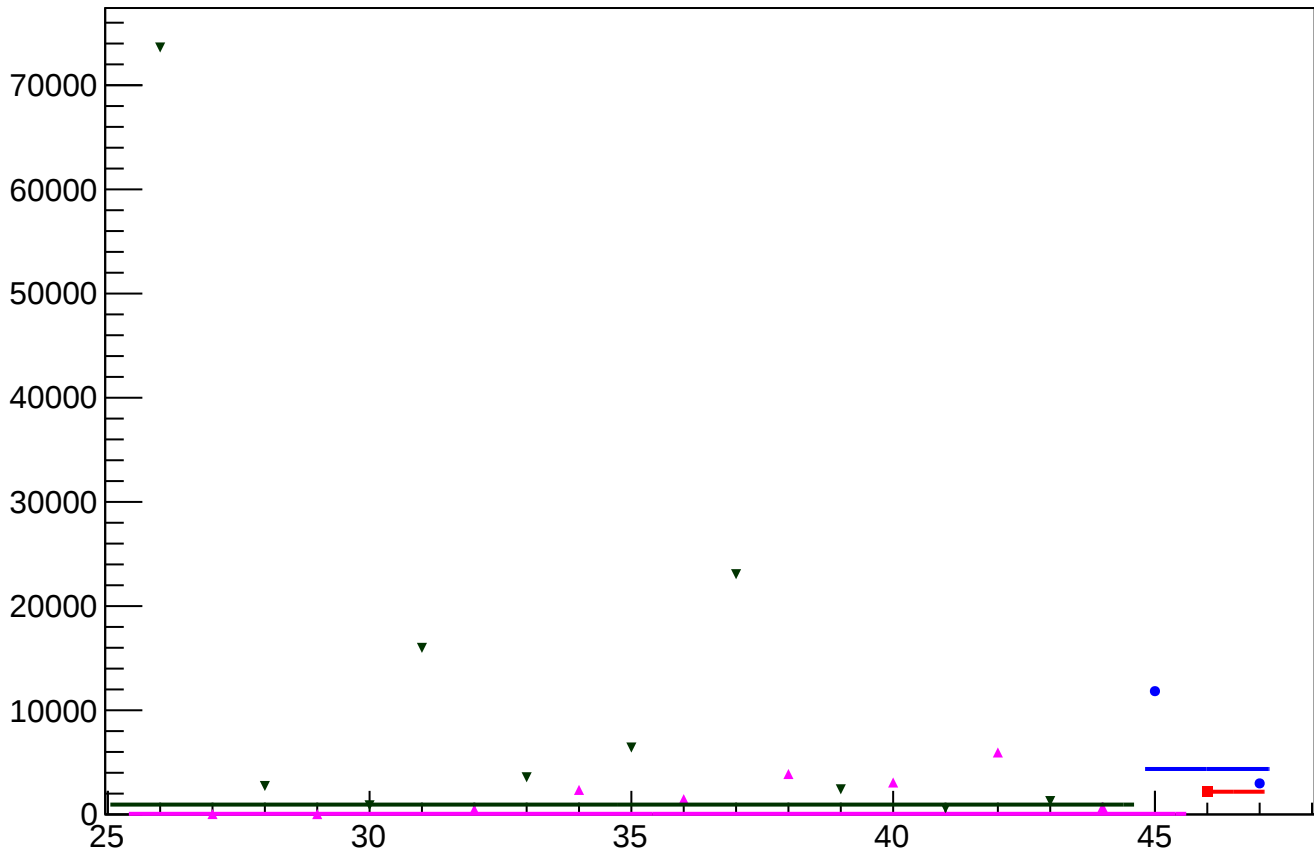
Right Out: 1.251+/-8.127 χ^2/NDF : 0.0/0

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

-1.441+/-1.537 χ^2/NDF : 23.4/11

-0.085+/-0.168 χ^2/NDF : 15.6/9

diff_cav4bX_rms vs slug



Right In: 4364.904+/-6.763 χ^2/NDF : 226002.5/1

Left Out: 946.747+/-1.101 χ^2/NDF :1585820.7/9

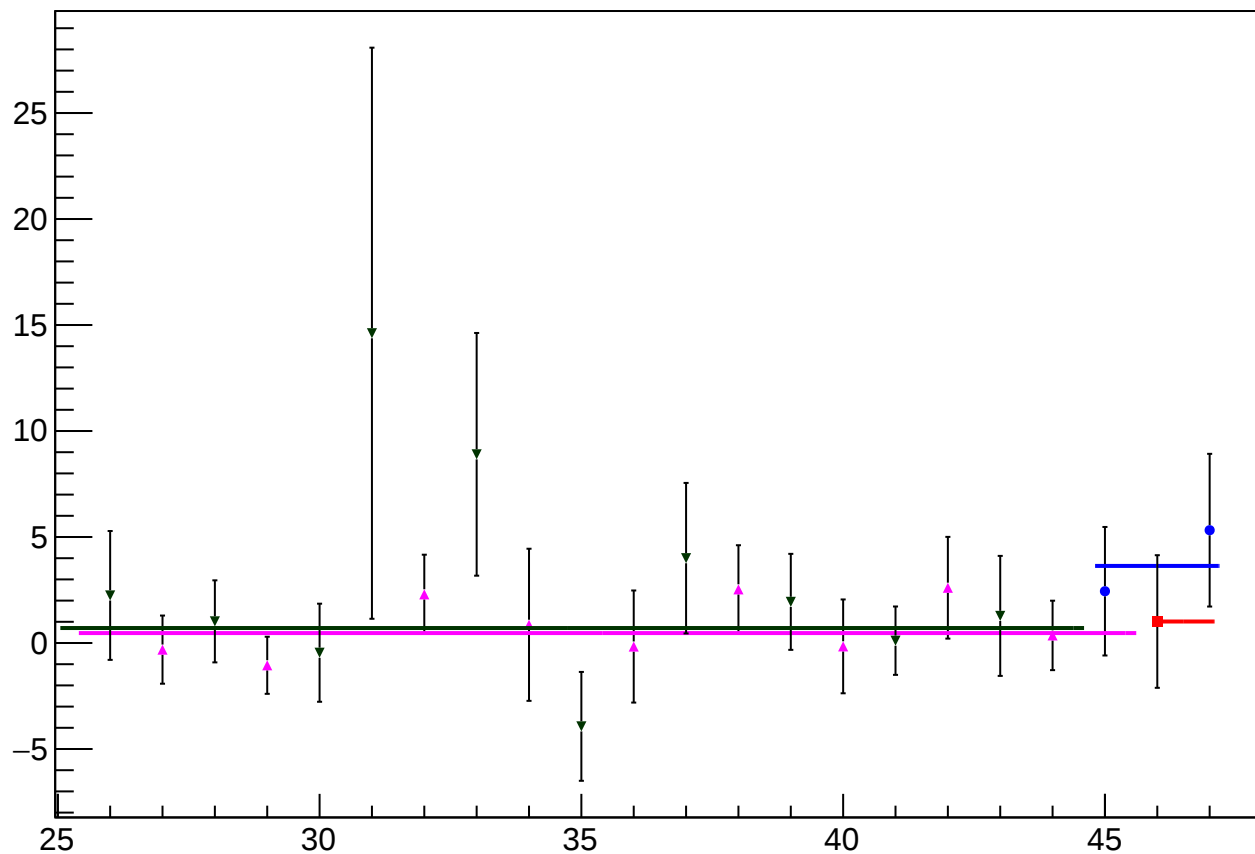
Right Out: 2181.548+/-5.746 χ^2/NDF : 0.0/0

Left In: 61.511+/-0.119 χ^2/NDF :1573172.2/8

1035.015+/-1.087 χ^2/NDF : 2060666.8/11

62.419+/-0.119 χ^2/NDF : 1709222.6/9

diff_cav4bY_mean vs slug



Right In: 3.636 $\pm$ 2.319 χ^2 /NDF: 0.4/1

Left Out: 0.707 $\pm$ 0.808 χ^2 /NDF: 8.2/9

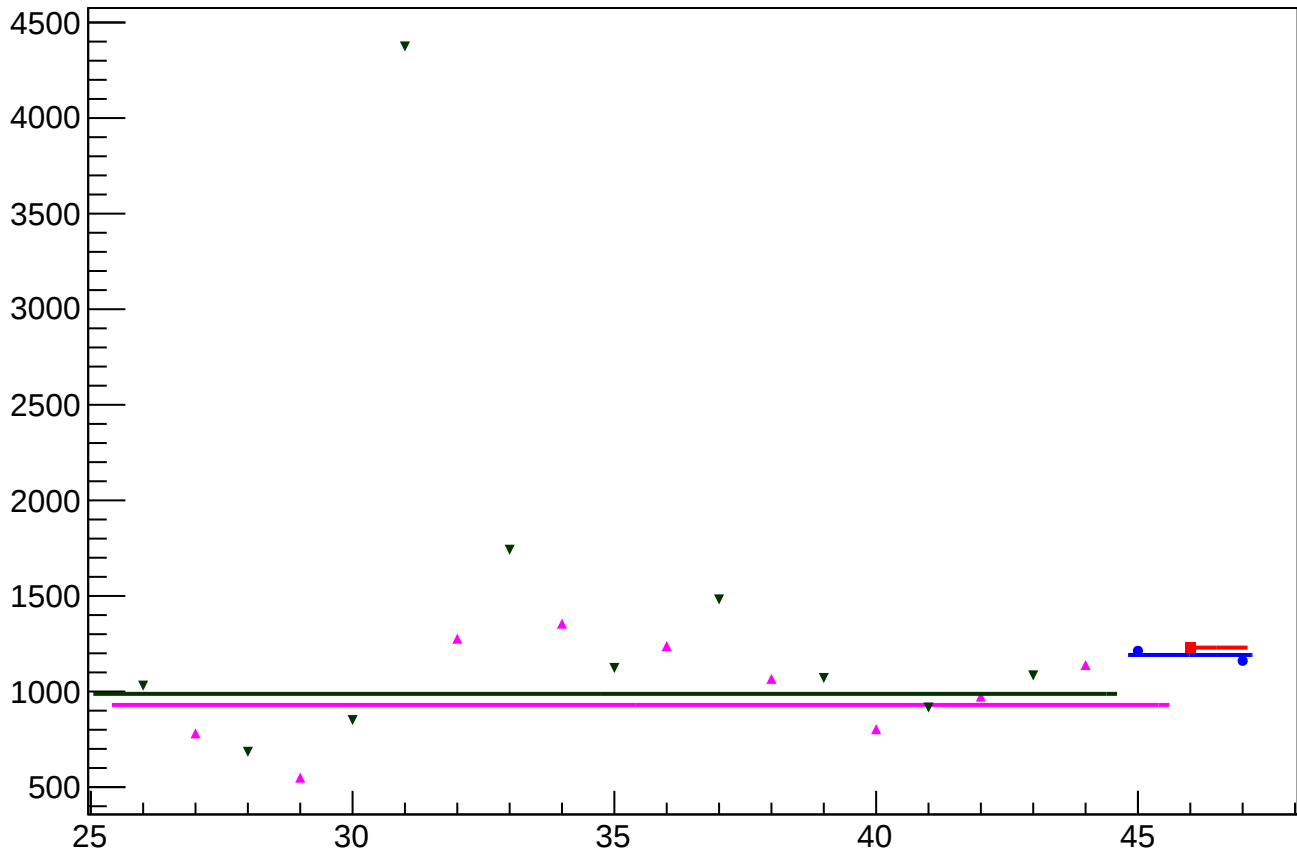
Right Out: 1.014 $\pm$ 3.128 χ^2 /NDF: 0.0/0

Left In: 0.468 $\pm$ 0.642 χ^2 /NDF: 4.4/8

1.023 $\pm$ 0.763 χ^2 /NDF: 10.0/11

0.490 $\pm$ 0.629 χ^2 /NDF: 4.4/9

diff_cav4bY_rms vs slug



Right In: 1191.333+/-1.640 χ^2/NDF : 247.3/1

Left Out: 987.900+/-0.571 χ^2/NDF : 270892.3/9

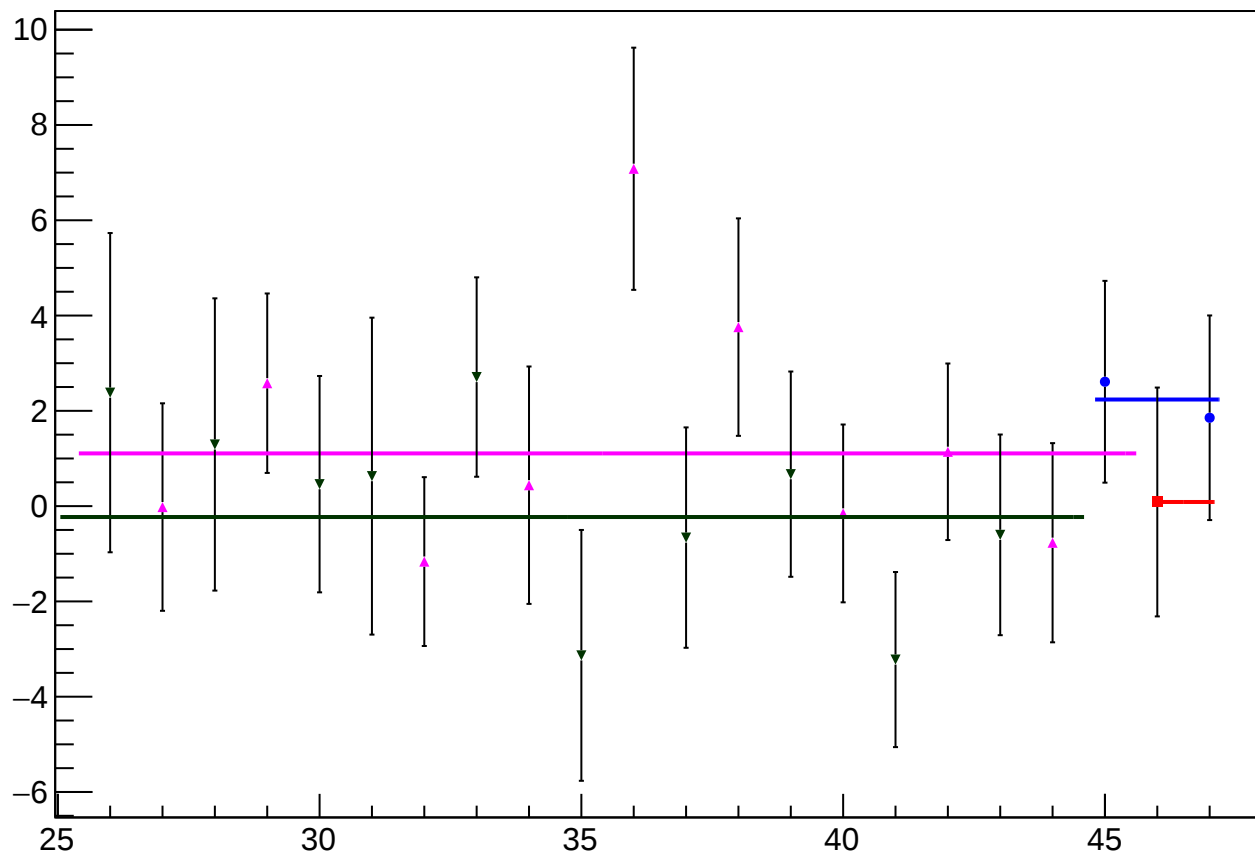
Right Out: 1229.833+/-2.212 χ^2/NDF : 0.0/0

Left In: 930.059+/-0.454 χ^2/NDF : 348877.4/8

1009.897+/-0.539 χ^2/NDF : 284864.5/11

942.176+/-0.445 χ^2/NDF : 366503.0/9

diff_cav4cX_mean vs slug



Right In: 2.238+/-1.508 χ^2/NDF : 0.1/1

Left Out: -0.229+/-0.750 χ^2/NDF : 7.1/9

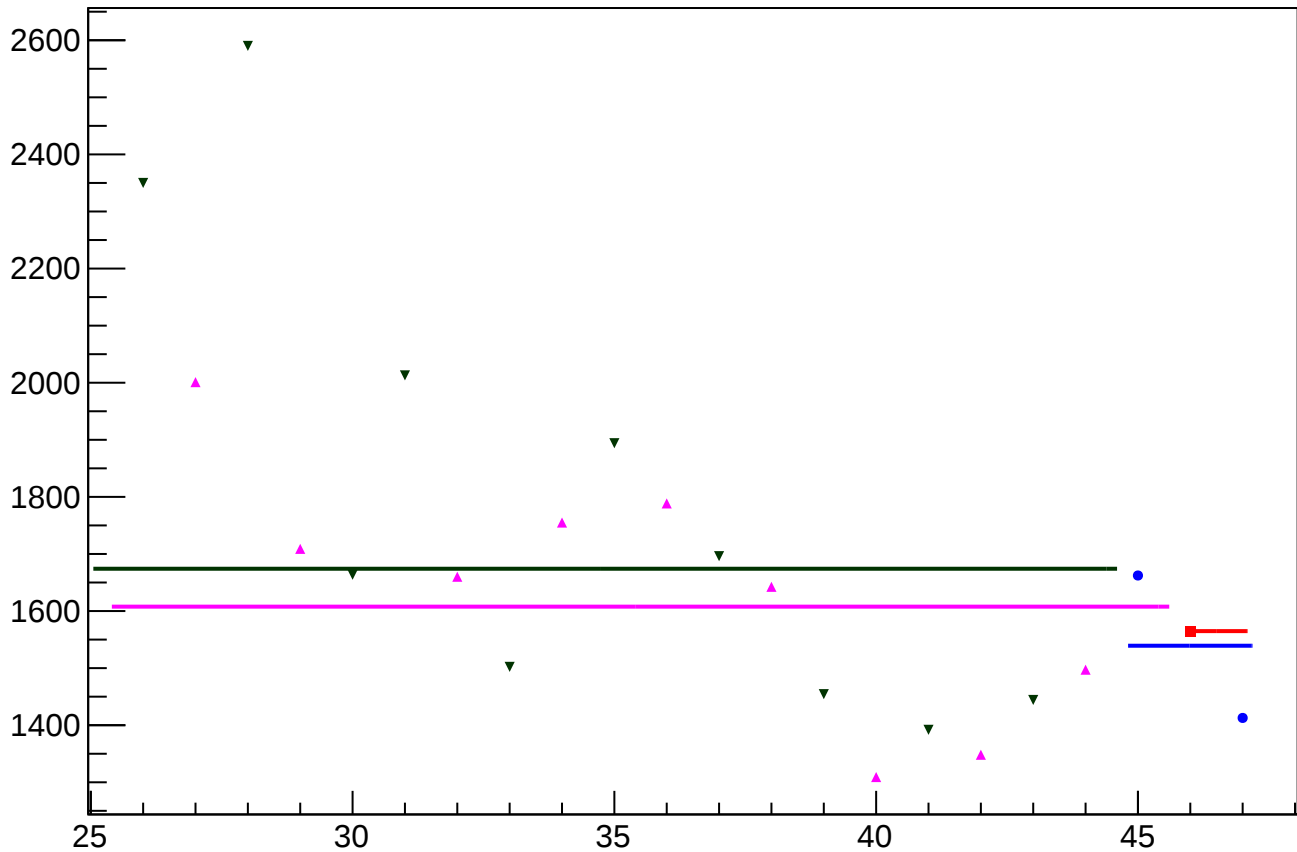
Right Out: 0.087+/-2.402 χ^2/NDF : 0.0/0

Left In: 1.107+/-0.686 χ^2/NDF : 10.7/8

0.261+/-0.672 χ^2/NDF : 9.3/11

1.030+/-0.659 χ^2/NDF : 10.9/9

diff_cav4cX_rms vs slug



Right In: 1539.243+/-1.066 χ^2/NDF : 13689.3/1

Left Out: 1674.116+/-0.531 χ^2/NDF : 399958.8/9

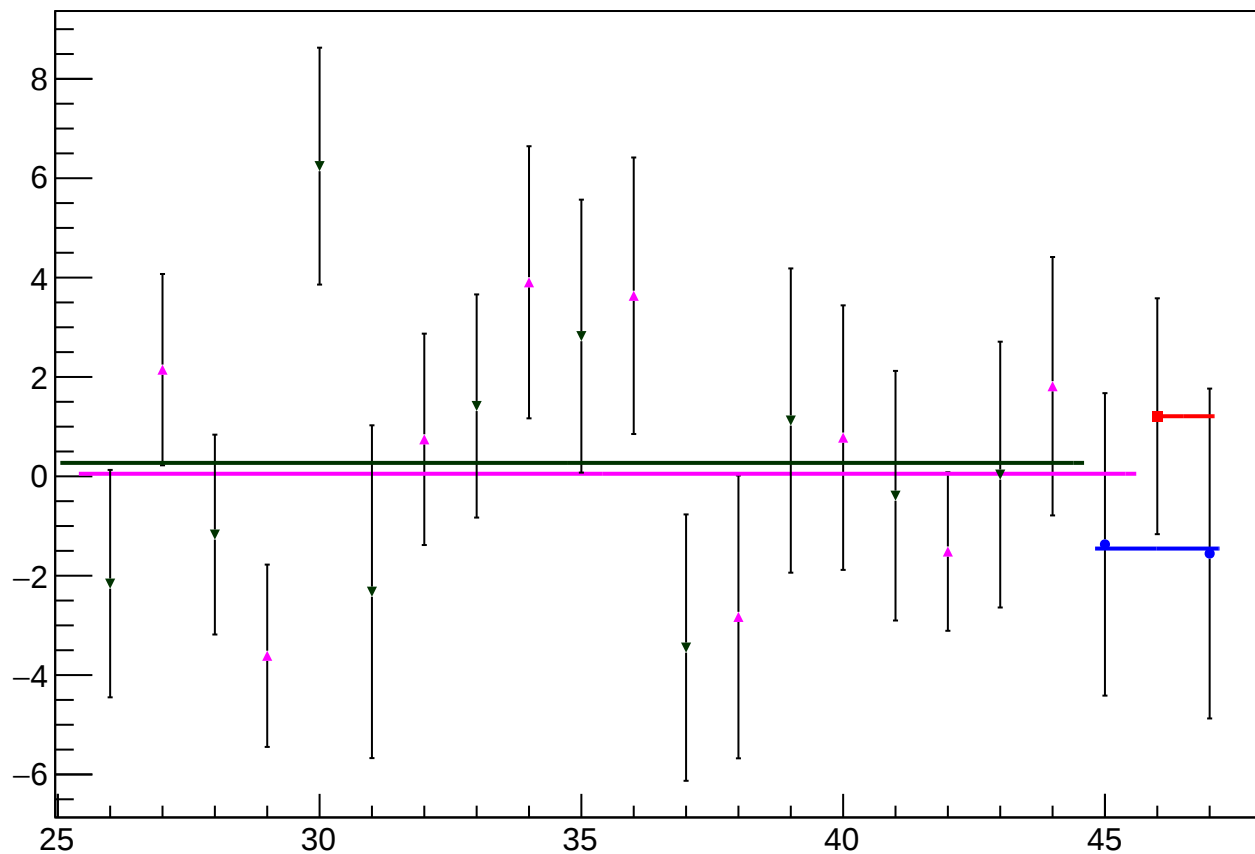
Right Out: 1564.843+/-1.698 χ^2/NDF : 0.0/0

Left In: 1607.717+/-0.485 χ^2/NDF : 186348.1/8

1647.347+/-0.475 χ^2/NDF : 426474.7/11

1604.485+/-0.466 χ^2/NDF : 186937.5/9

diff_cav4cY_mean vs slug



Right In: -1.454 $\pm$ 2.244 χ^2 /NDF: 0.0/1

Left Out: 0.271 $\pm$ 0.796 χ^2 /NDF:11.7/9

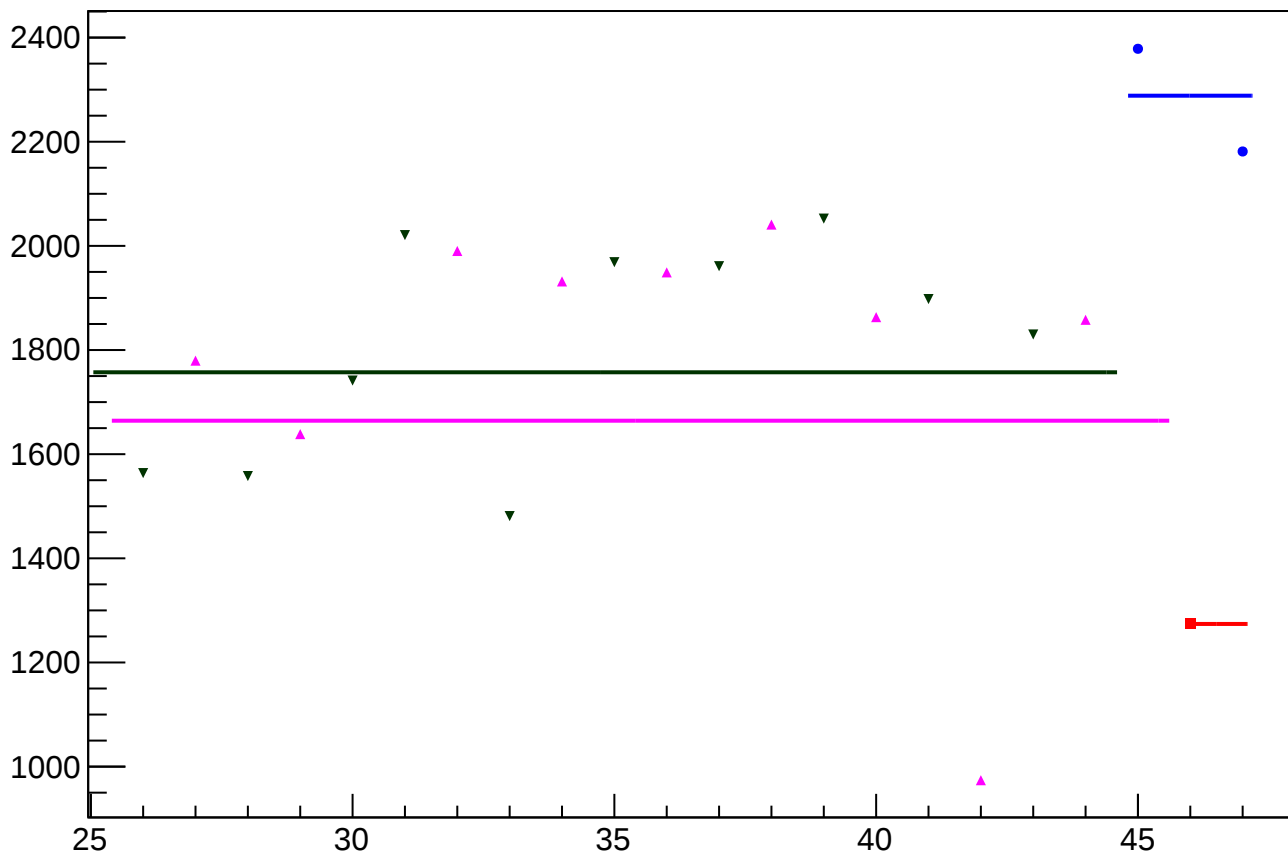
Right Out: 1.210 $\pm$ 2.374 χ^2 /NDF: 0.0/0

Left In: 0.052 $\pm$ 0.734 χ^2 /NDF:11.4/8

0.078 $\pm$ 0.750 χ^2 /NDF: 12.2/11

0.153 $\pm$ 0.701 χ^2 /NDF: 11.7/9

diff_cav4cY_rms vs slug



Right In: 2288.402+/-1.586 χ^2/NDF : 3833.7/1

Left Out: 1757.264+/-0.563 χ^2/NDF :126368.6/9

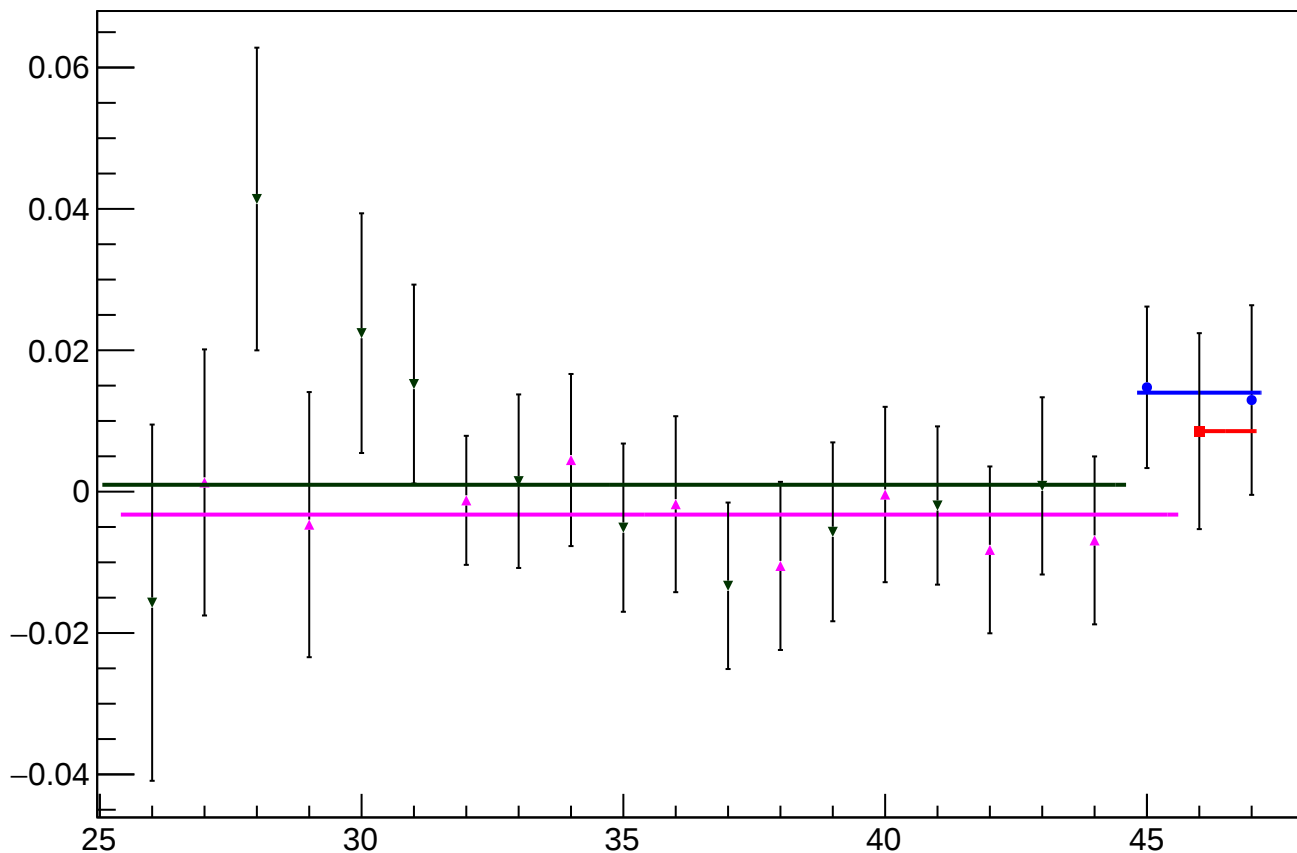
Right Out: 1273.978+/-1.678 χ^2/NDF : 0.0/0

Left In: 1664.275+/-0.519 χ^2/NDF :526260.0/8

1816.655+/-0.530 χ^2/NDF : 229763.2/11

1630.202+/-0.496 χ^2/NDF : 575609.8/9

diff_cav4dX_mean vs slug



Right In: 0.014 $\pm$ 0.009 χ^2 /NDF: 0.0/1

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.7/9

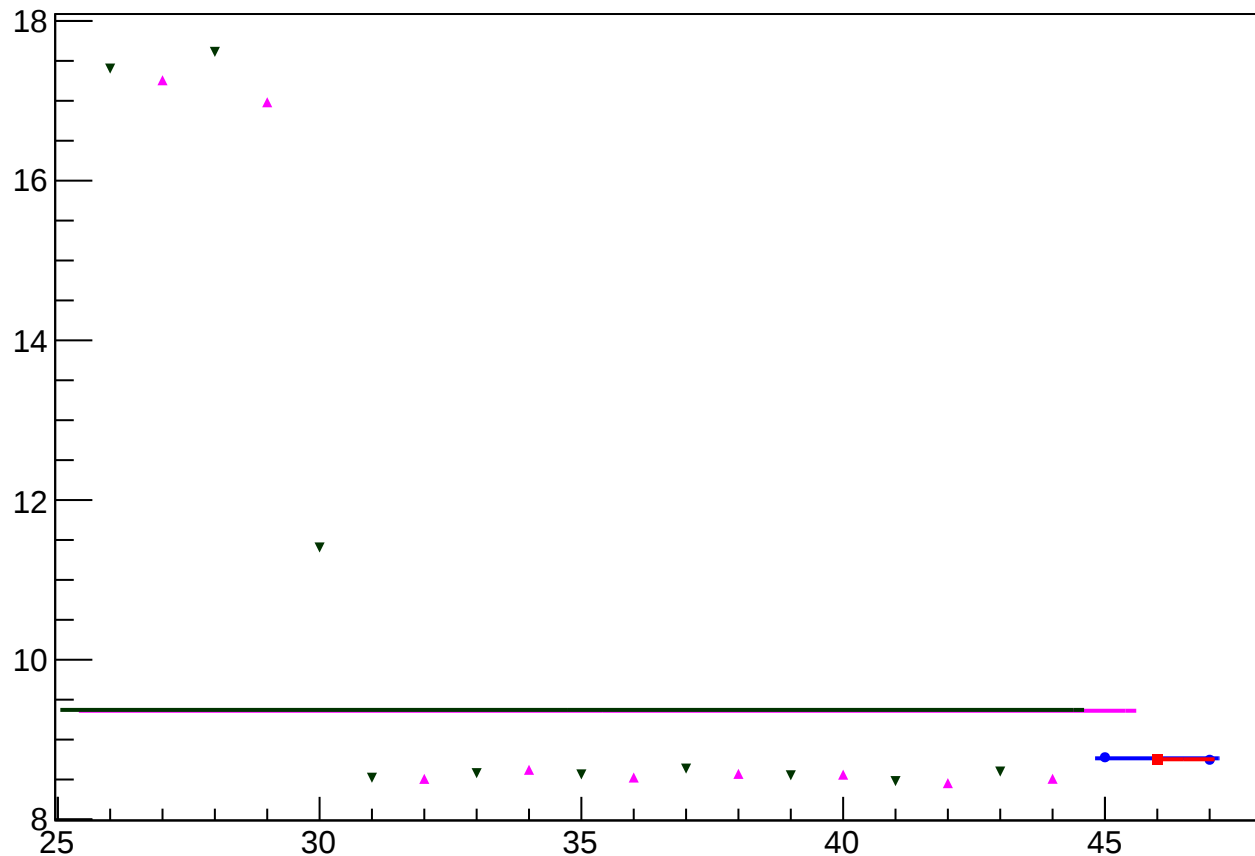
Right Out: 0.009 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.004 $\pm$ 0.004 χ^2 /NDF: 10.5/11

-0.002 $\pm$ 0.004 χ^2 /NDF: 1.9/9

diff_cav4dX_rms vs slug



Right In: 8.765 $\pm$ 0.006 χ^2 /NDF: 6.3/1

Left Out: 9.372 $\pm$ 0.003 χ^2 /NDF: 589618.0/9

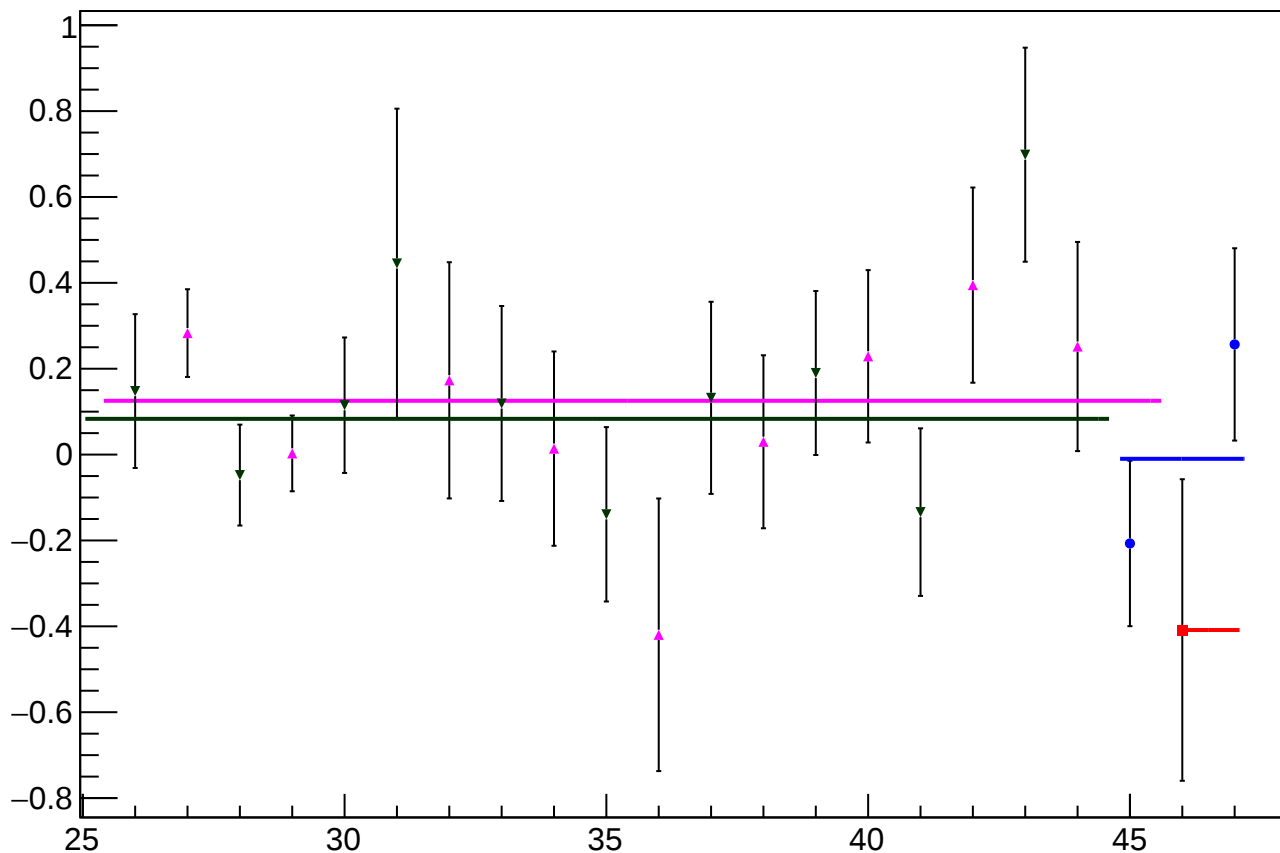
Right Out: 8.753 $\pm$ 0.010 χ^2 /NDF: 0.0/0

Left In: 9.361 $\pm$ 0.003 χ^2 /NDF: 755360.8/8

9.252 $\pm$ 0.003 χ^2 /NDF: 597427.2/11

9.312 $\pm$ 0.003 χ^2 /NDF: 758894.0/9

diff_cav4dY_mean vs slug



Right In: -0.010 $\pm$ 0.146 χ^2 /NDF: 2.5/1

Left Out: 0.083 $\pm$ 0.059 χ^2 /NDF:11.3/9

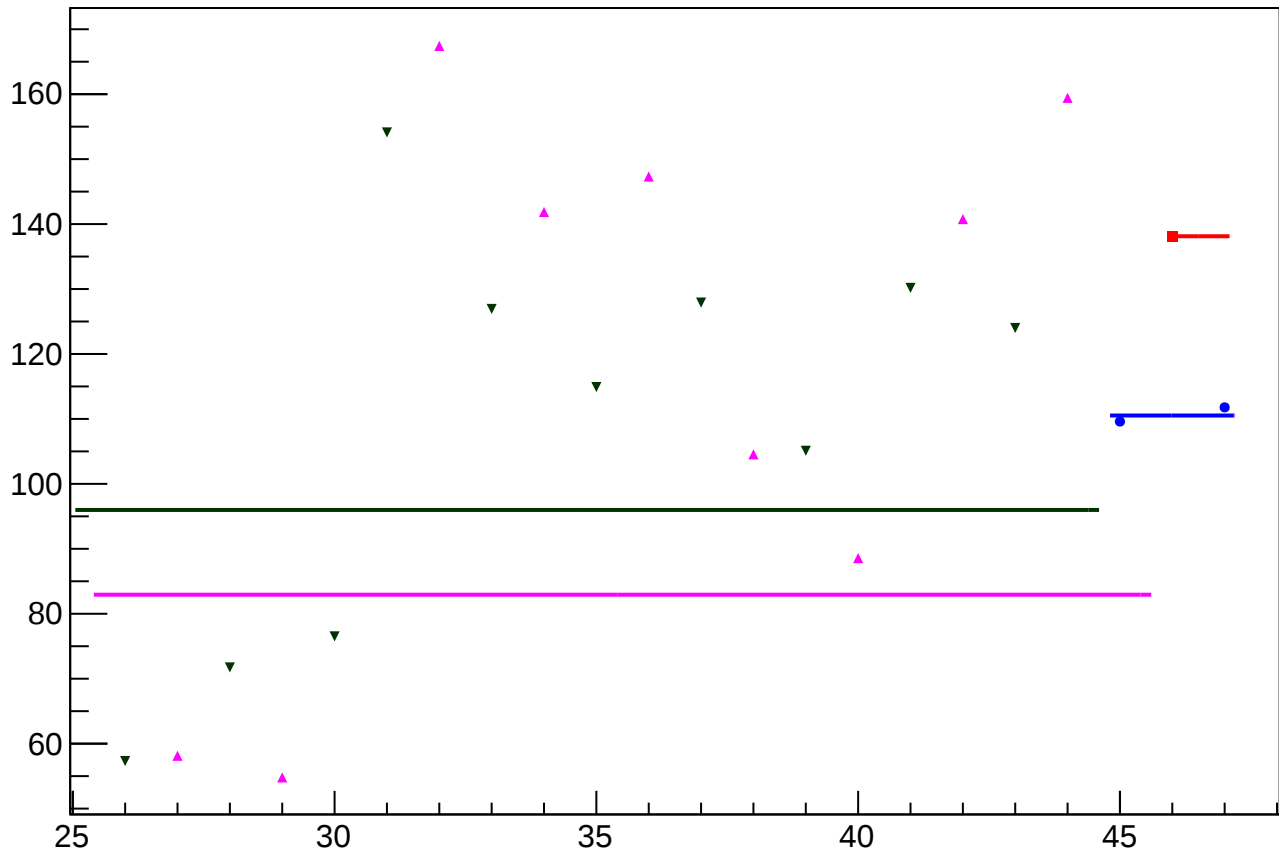
Right Out: -0.409 $\pm$ 0.351 χ^2 /NDF: 0.0/0

Left In: 0.125 $\pm$ 0.053 χ^2 /NDF:9.7/8

0.070 $\pm$ 0.055 χ^2 /NDF: 14.1/11

0.113 $\pm$ 0.053 χ^2 /NDF: 12.0/9

diff_cav4dY_rms vs slug



Right In: 110.525 $\pm$ 0.103 χ^2 /NDF: 108.9/1

Left Out: 95.985 $\pm$ 0.042 χ^2 /NDF:447225.2/9

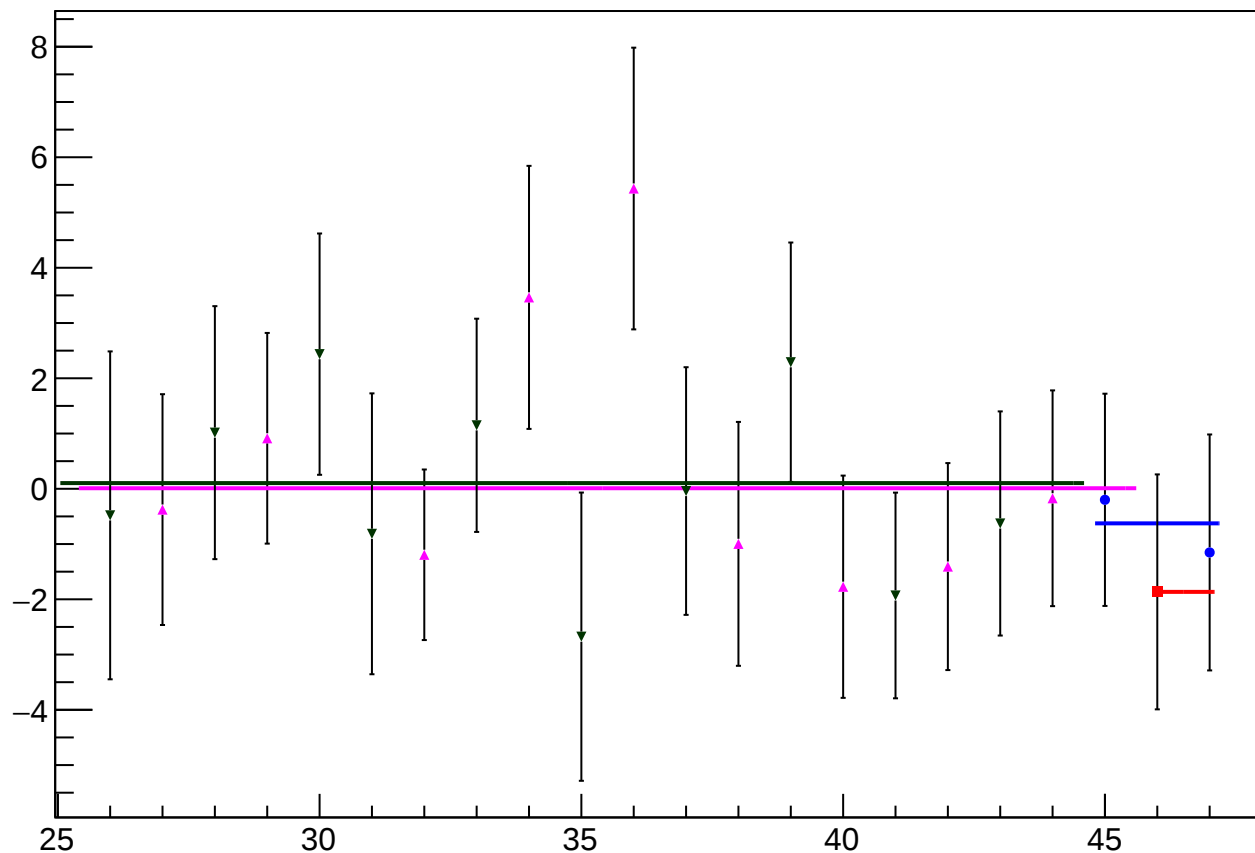
98.039 $\pm$ 0.039 χ^2 /NDF: 464351.8/11

Right Out: 138.126 $\pm$ 0.248 χ^2 /NDF: 0.0/0

84.174 $\pm$ 0.037 χ^2 /NDF: 1127348.9/9

Left In: 82.933 $\pm$ 0.038 χ^2 /NDF:1079060.0/8

diff_bpm4aX_mean vs slug



Right In: -0.626 $\pm$ 1.428 χ^2 /NDF: 0.1/1

Left Out: 0.103 $\pm$ 0.702 χ^2 /NDF: 5.2/9

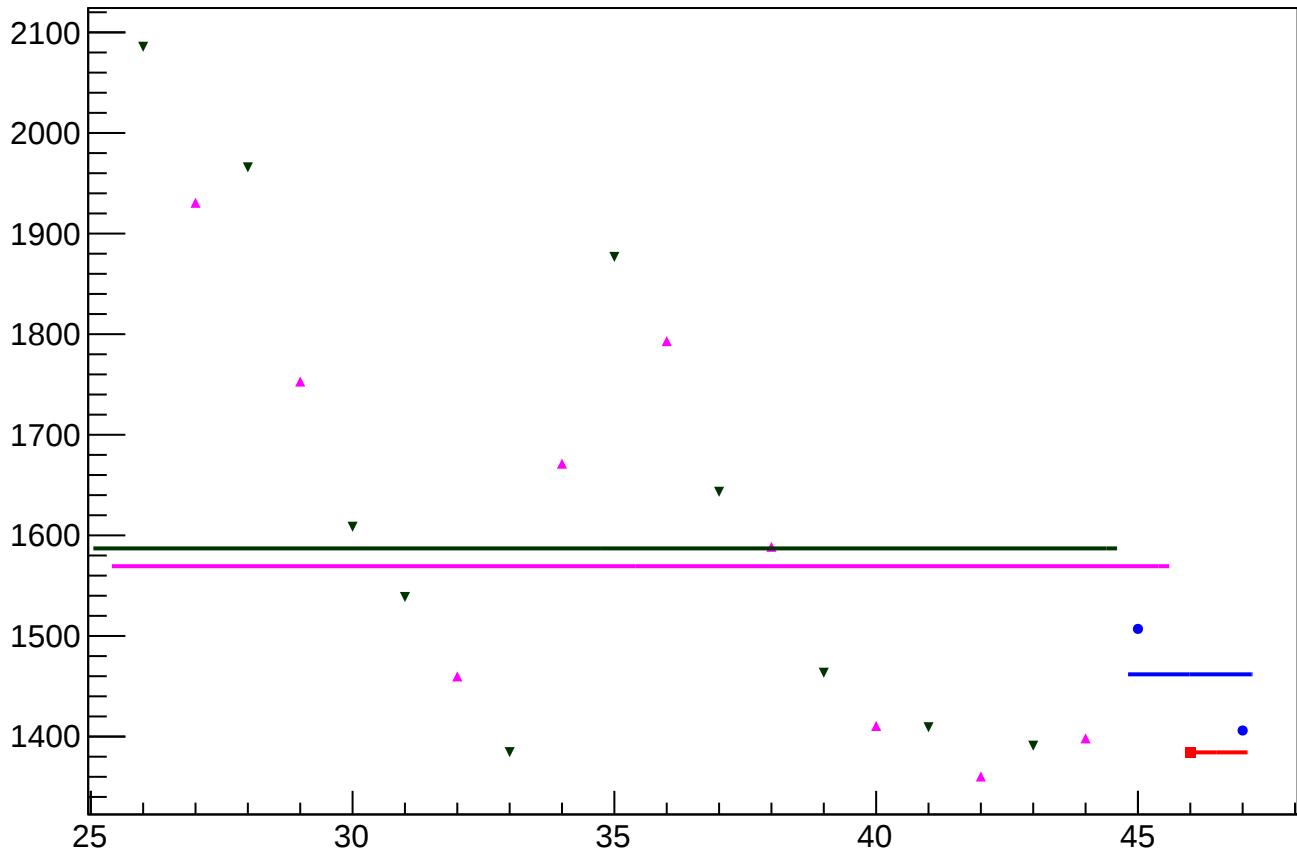
Right Out: -1.866 $\pm$ 2.126 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.666 χ^2 /NDF: 9.1/8

-0.039 $\pm$ 0.630 χ^2 /NDF: 5.6/11

-0.158 $\pm$ 0.636 χ^2 /NDF: 9.8/9

diff_bpm4aX_rms vs slug



Right In: 1461.859+/-1.010 χ^2/NDF : 2474.1/1

Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

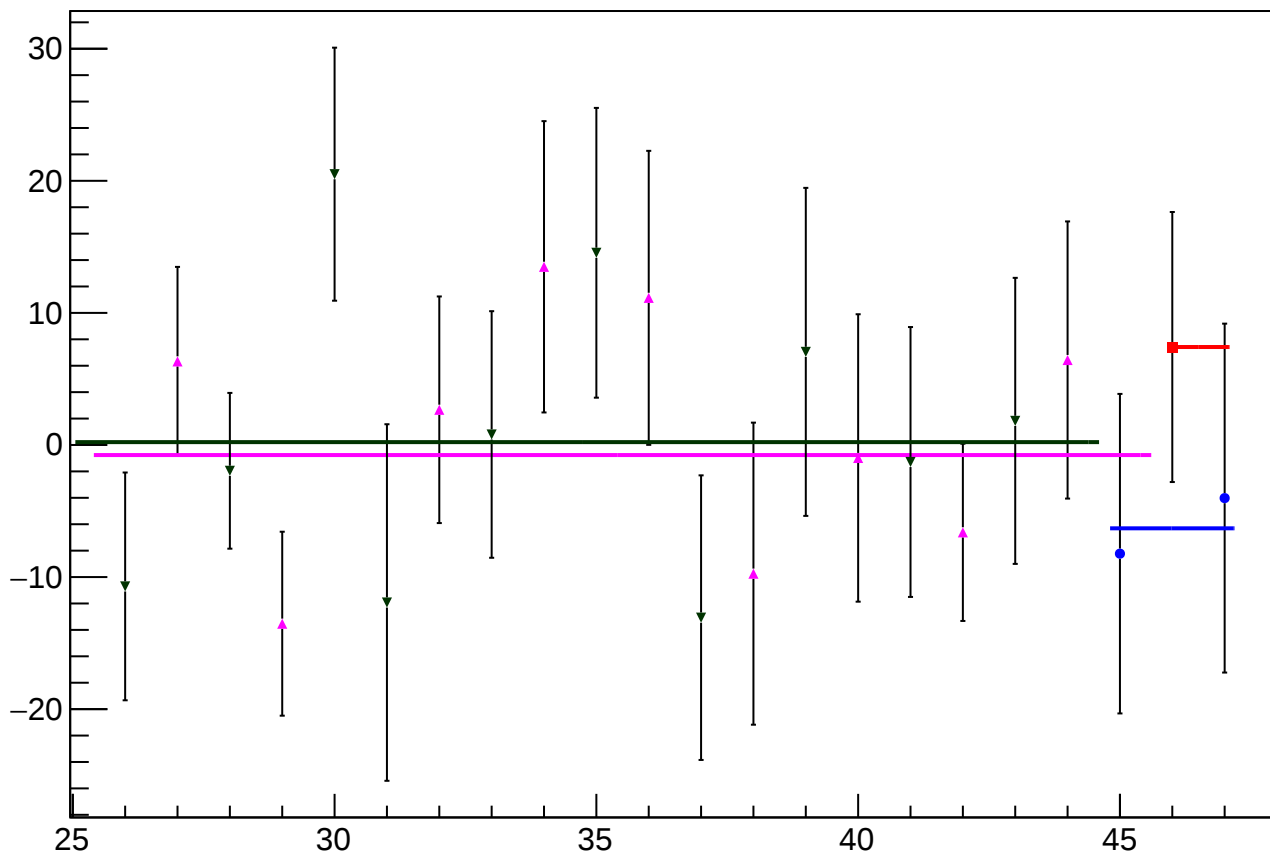
1562.674+/-0.446 χ^2/NDF : 218440.3/11

Right Out: 1384.293+/-1.503 χ^2/NDF : 0.0/0

1552.823+/-0.449 χ^2/NDF : 174239.8/9

Left In: 1569.361+/-0.471 χ^2/NDF : 160439.4/8

diff_bpm4aY_mean vs slug



Right In: -6.310 ± 8.920 χ^2/NDF : 0.1/1

Left Out: 0.216 ± 2.994 χ^2/NDF : 10.6/9

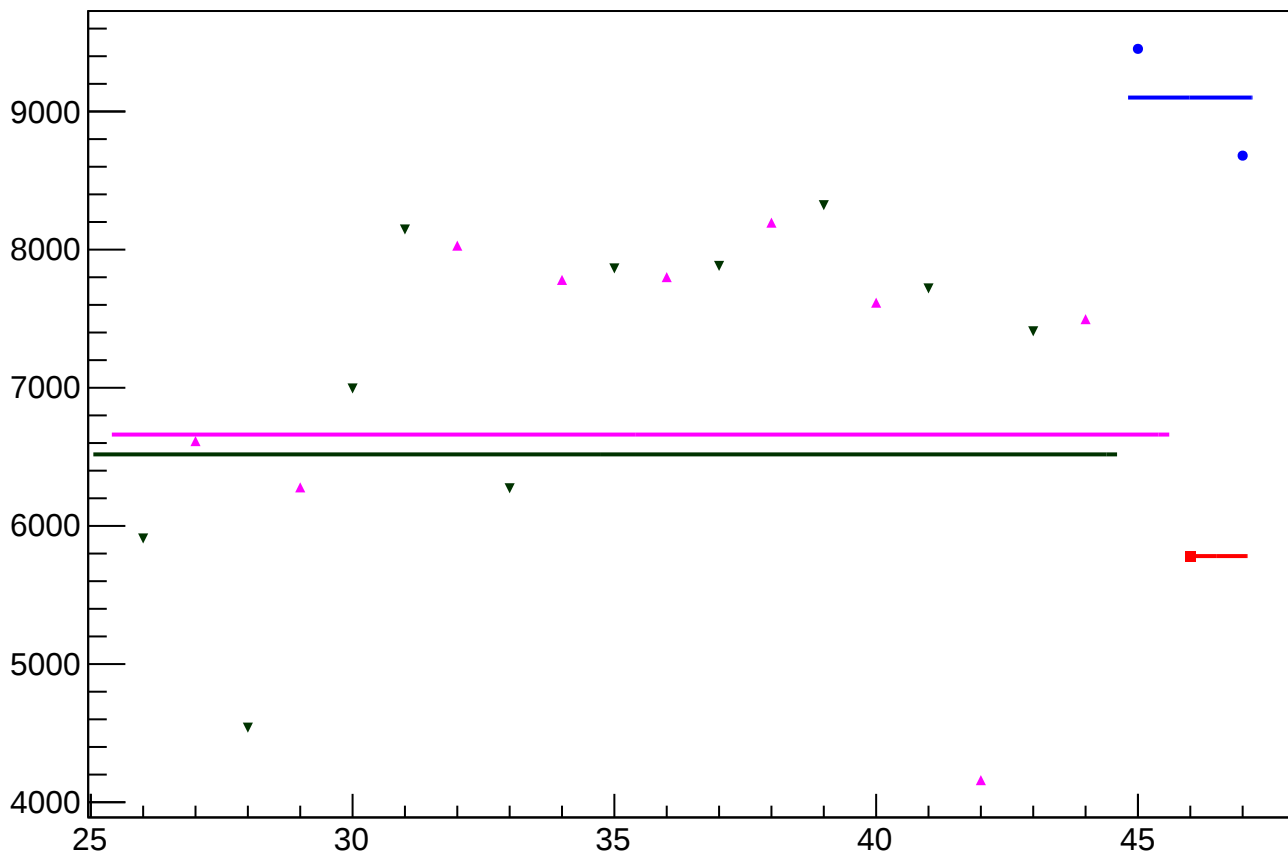
Right Out: 7.417 ± 10.223 χ^2/NDF : 0.0/0

Left In: -0.763 ± 2.918 χ^2/NDF : 9.2/8

-0.444 ± 2.838 χ^2/NDF : 11.2/11

-0.147 ± 2.806 χ^2/NDF : 9.8/9

diff_bpm4aY_rms vs slug



Right In: 9100.796+/-6.308 χ^2/NDF : 3725.1/1

Left Out: 6517.791+/-2.117 χ^2/NDF :416045.1/9

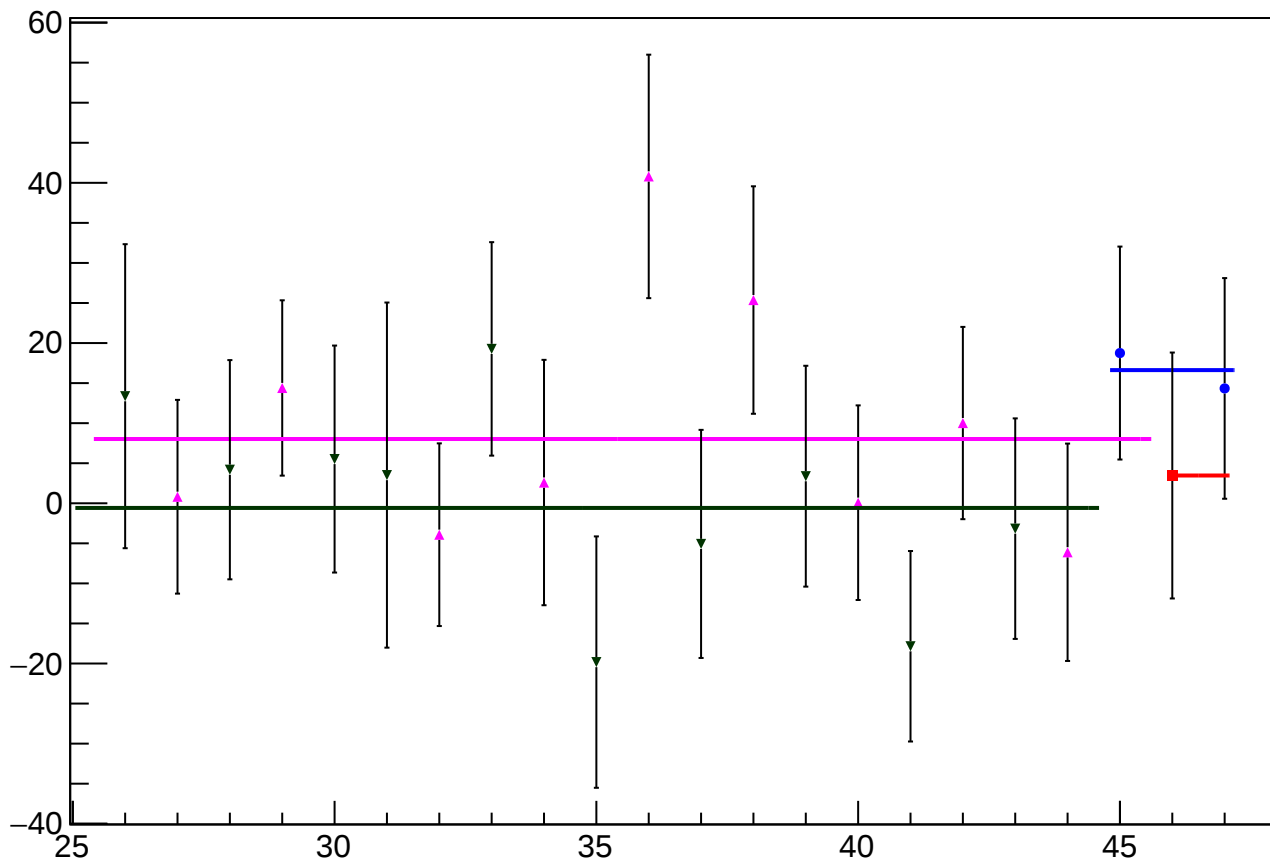
6779.238+/-2.007 χ^2/NDF : 570490.2/11

Right Out: 5781.697+/-7.228 χ^2/NDF : 0.0/0

6595.024+/-1.984 χ^2/NDF : 454343.5/9

Left In: 6661.299+/-2.063 χ^2/NDF :440651.7/8

diff_bpm4eX_mean vs slug



Right In: 16.623+/-9.563 χ^2 /NDF: 0.1/1

Left Out: -0.581+/-4.588 χ^2 /NDF:6.9/9

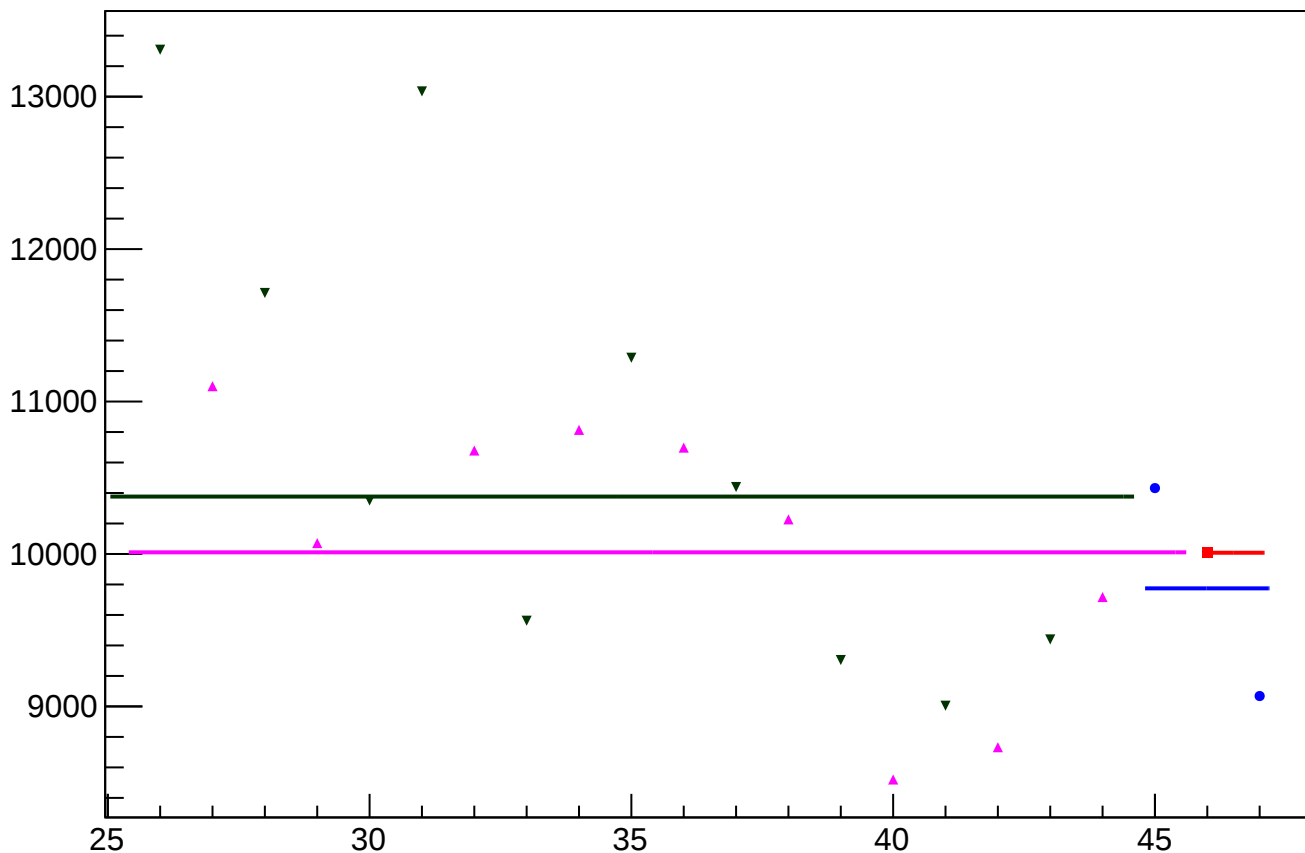
Right Out: 3.468+/-15.349 χ^2 /NDF: 0.0/0

Left In: 8.023+/-4.241 χ^2 /NDF:9.6/8

2.638+/-4.137 χ^2 /NDF: 9.6/11

7.700+/-4.088 χ^2 /NDF: 9.7/9

diff_bpm4eX_rms vs slug



Right In: 9774.532 ± 6.762 χ^2/NDF : 10159.8/1

Left Out: 10376.591 ± 3.244 χ^2/NDF : 159508.6/9

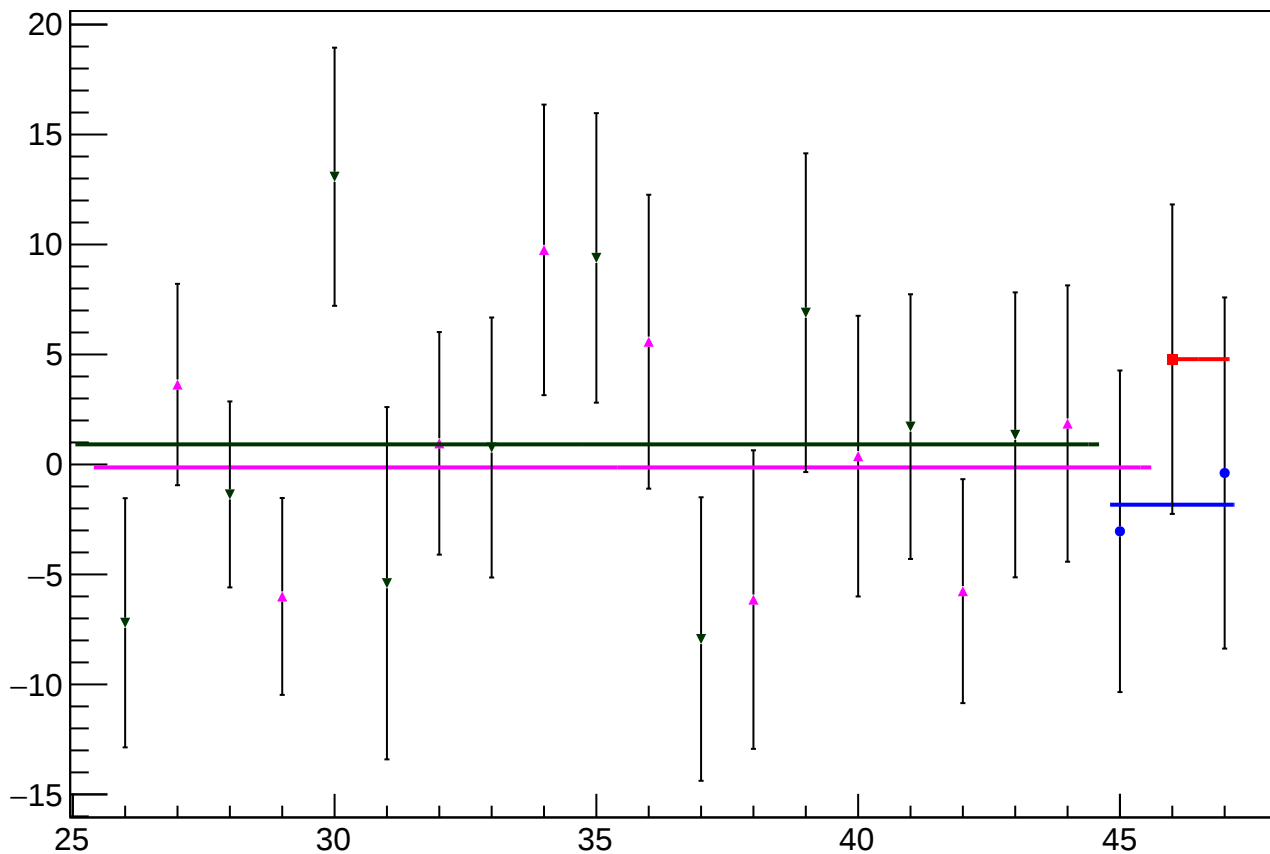
Right Out: 10008.183 ± 10.853 χ^2/NDF : 0.0/0

Left In: 10010.873 ± 2.999 χ^2/NDF : 86966.6/8

10263.945 ± 2.925 χ^2/NDF : 176112.1/11

10010.683 ± 2.891 χ^2/NDF : 86966.7/9

diff_bpm4eY_mean vs slug



Right In: -1.830 ± 5.391 χ^2/NDF : 0.1/1

Left Out: 0.913 ± 1.896 χ^2/NDF : 11.5/9

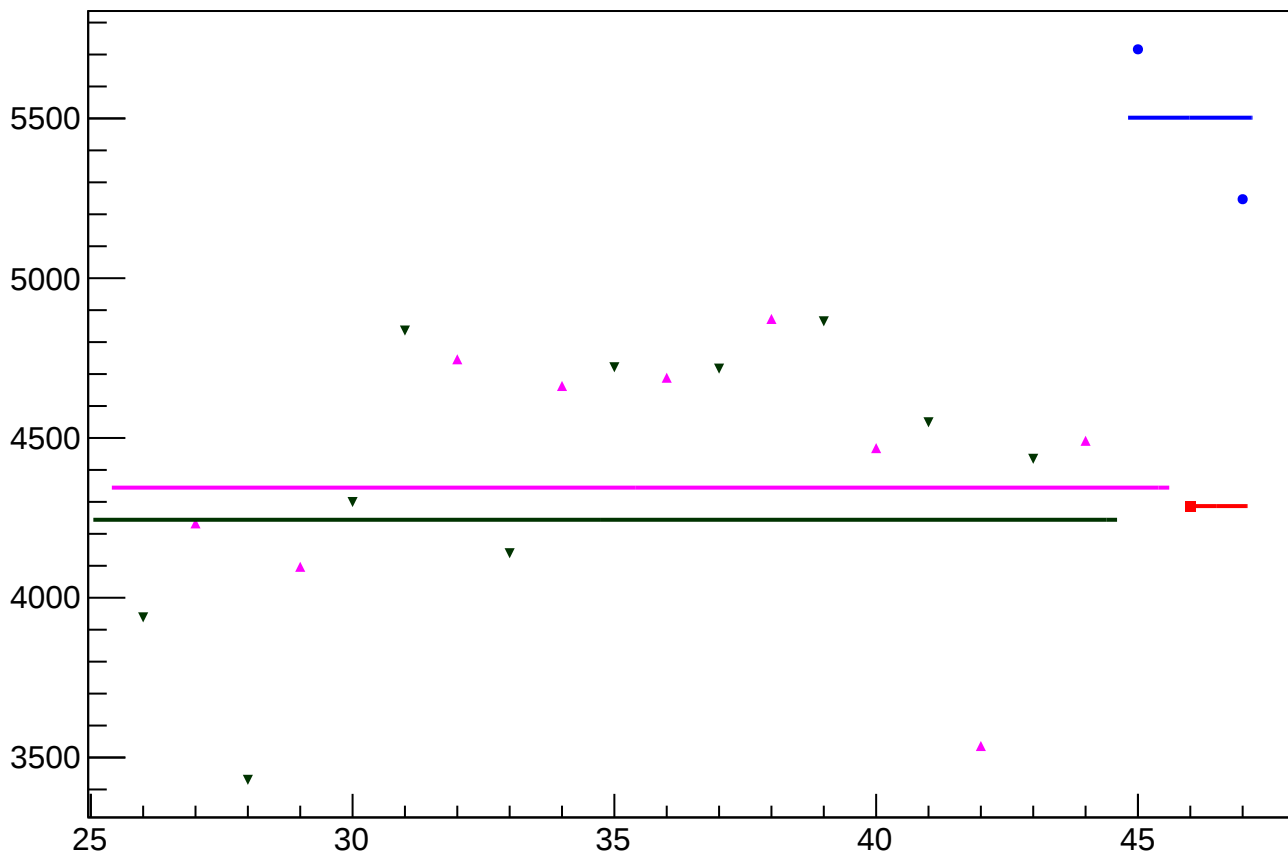
Right Out: 4.787 ± 7.035 χ^2/NDF : 0.0/0

Left In: -0.134 ± 1.850 χ^2/NDF : 7.5/8

0.611 ± 1.789 χ^2/NDF : 11.8/11

0.184 ± 1.789 χ^2/NDF : 8.0/9

diff_bpm4eY_rms vs slug



Right In: 5502.318+/-3.812 χ^2/NDF : 3755.9/1

Left Out: 4243.997+/-1.341 χ^2/NDF :134537.2/9

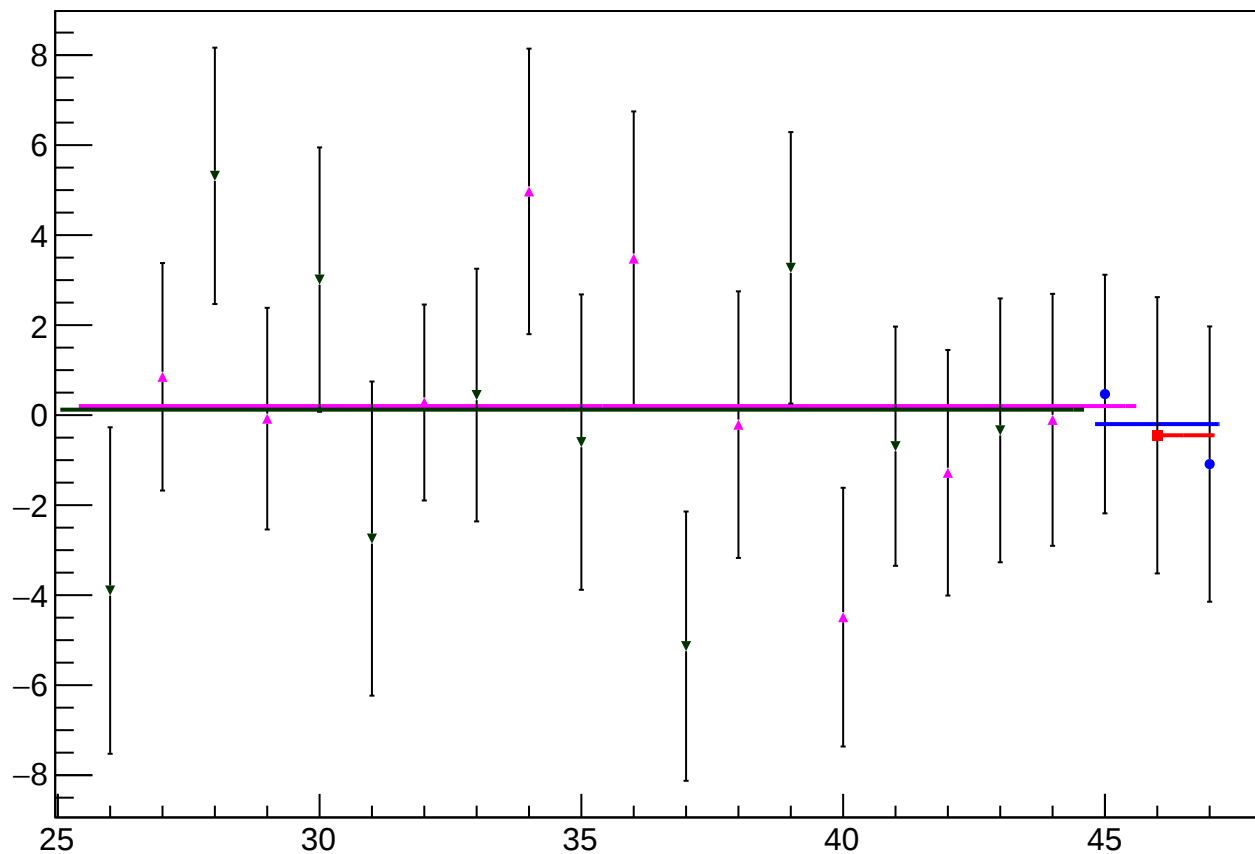
Right Out: 4286.840+/-4.974 χ^2/NDF : 0.0/0

Left In: 4344.593+/-1.308 χ^2/NDF :94267.5/8

4382.566+/-1.265 χ^2/NDF : 235253.9/11

4340.858+/-1.265 χ^2/NDF : 94393.6/9

diff_bpm4acX_mean vs slug



Right In: -0.199 ± 2.003 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.122 ± 0.955 $\chi^2/\text{NDF}: 10.6/9$

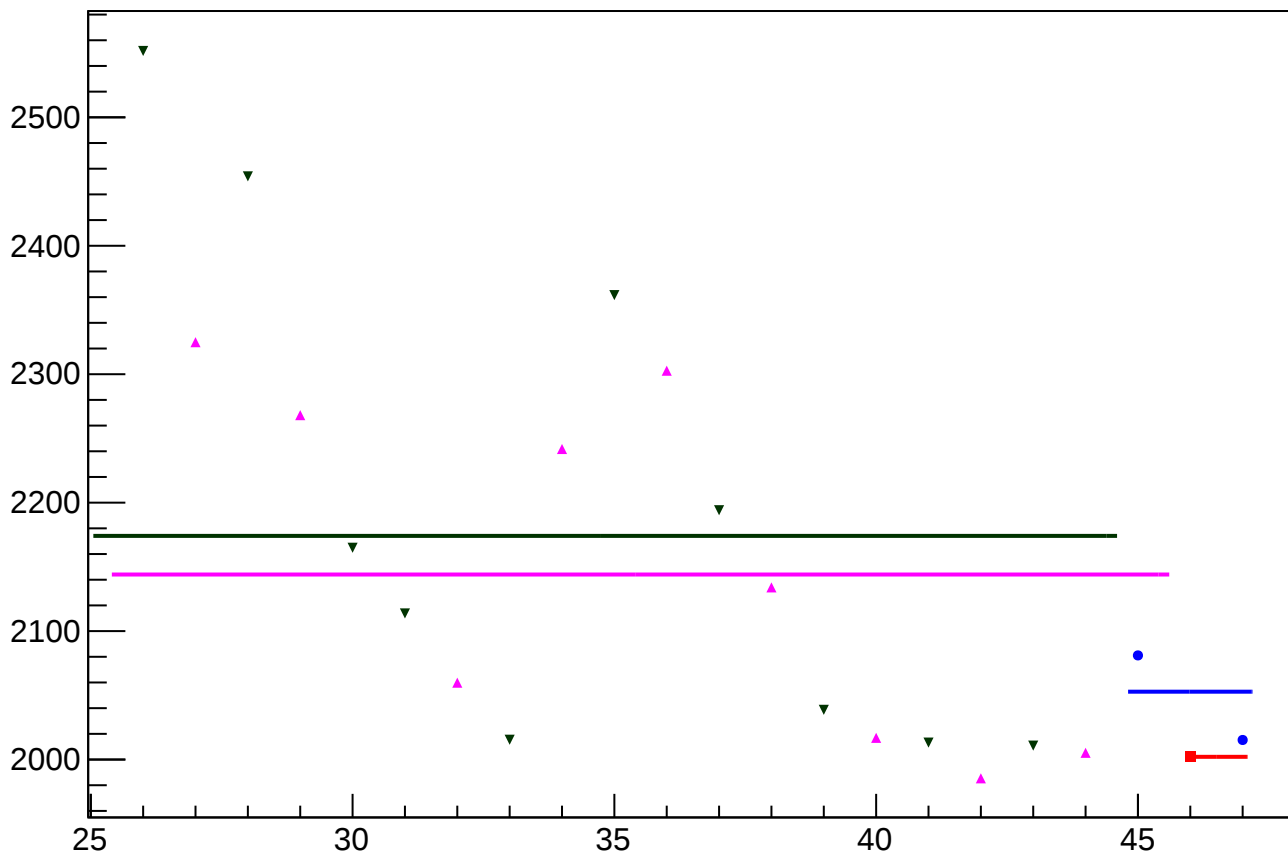
Right Out: -0.447 ± 3.069 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

0.062 ± 0.862 $\chi^2/\text{NDF}: 10.7/11$

0.150 ± 0.868 $\chi^2/\text{NDF}: 6.4/9$

diff_bpm4acX_rms vs slug



Right In: 2052.829 +/- 1.417 χ^2/NDF : 529.1/1

Left Out: 2174.130 +/- 0.675 χ^2/NDF : 72174.6/9

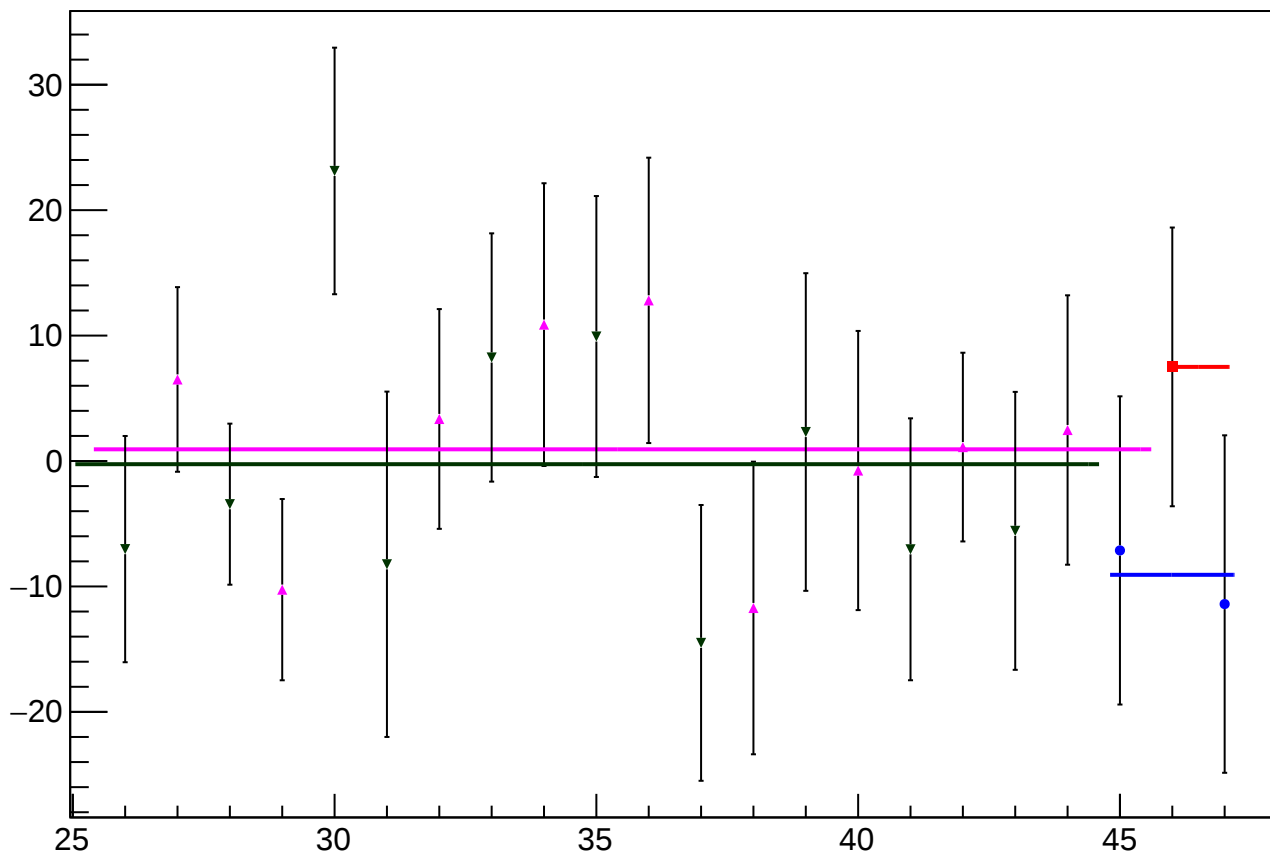
Right Out: 2002.117 +/- 2.170 χ^2/NDF : 0.0/0

Left In: 2144.053 +/- 0.640 χ^2/NDF : 40538.6/8

2151.671 +/- 0.610 χ^2/NDF : 78678.8/11

2132.714 +/- 0.613 χ^2/NDF : 44473.4/9

diff_bpm4acY_mean vs slug



Right In: -9.072+/-9.072 χ^2/NDF : 0.1/1

Left Out: -0.253+/-3.128 χ^2/NDF : 10.7/9

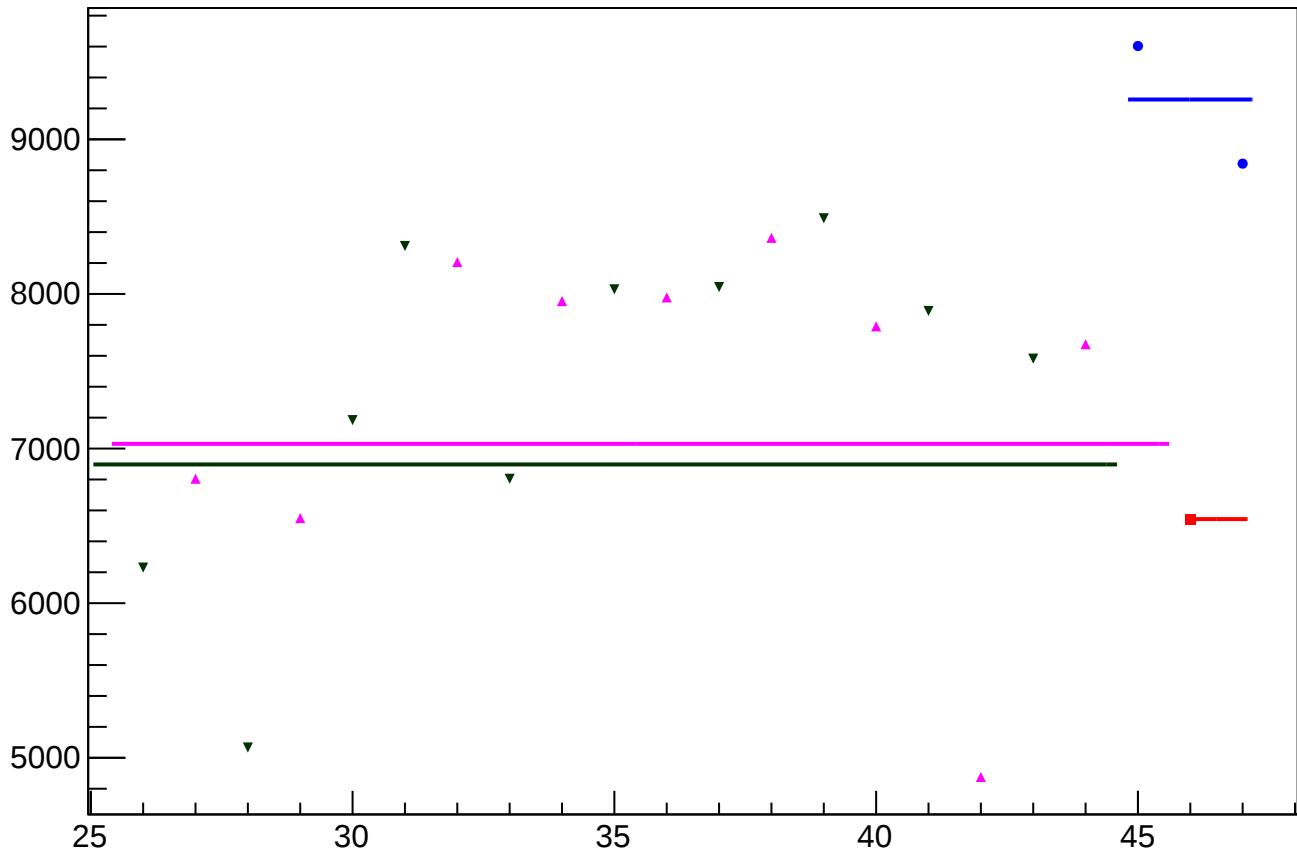
Right Out: 7.504+/-11.111 χ^2/NDF : 0.0/0

Left In: 0.933+/-3.043 χ^2/NDF : 6.1/8

-1.190+/-2.957 χ^2/NDF : 11.6/11

1.391+/-2.935 χ^2/NDF : 6.5/9

diff_bpm4acY_rms vs slug



Right In: 9257.646+/-6.415 χ^2/NDF : 3487.5/1

Left Out: 6897.291+/-2.212 χ^2/NDF : 296077.9/9

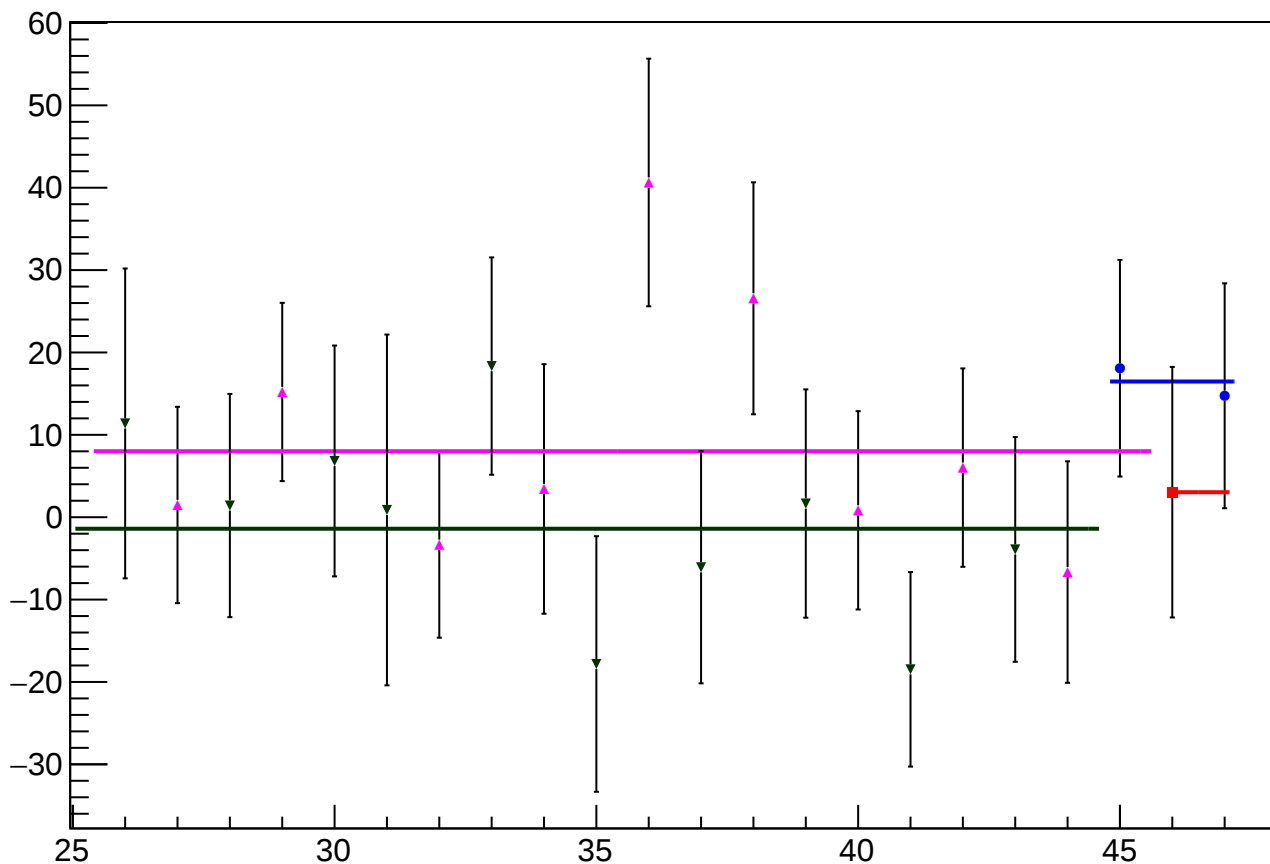
7148.100+/-2.091 χ^2/NDF : 420567.5/11

Right Out: 6543.958+/-7.857 χ^2/NDF : 0.0/0

6996.608+/-2.075 χ^2/NDF : 284282.4/9

Left In: 7030.553+/-2.152 χ^2/NDF : 280714.3/8

diff_bpm4ecX_mean vs slug



Right In: 16.476+/-9.471 χ^2/NDF : 0.0/1

Left Out: -1.399+/-4.552 χ^2/NDF : 6.5/9

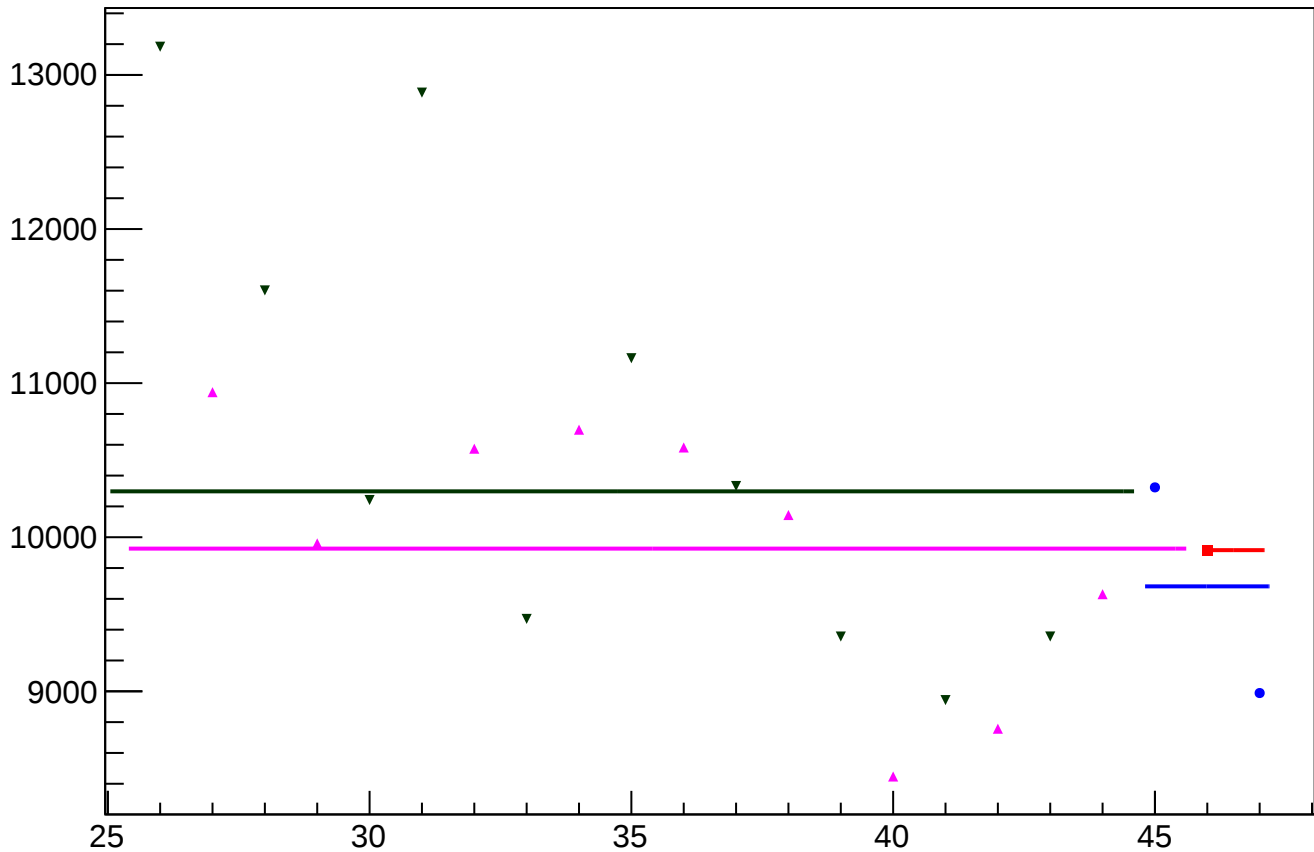
Right Out: 3.036+/-15.207 χ^2/NDF : 0.0/0

Left In: 8.013+/-4.204 χ^2/NDF : 9.9/8

1.955+/-4.103 χ^2/NDF : 9.4/11

7.659+/-4.052 χ^2/NDF : 10.0/9

diff_bpm4ecX_rms vs slug



Right In: 9681.035+/-6.697 χ^2/NDF : 9915.8/1

Left Out: 10297.699+/-3.219 χ^2/NDF : 154377.9/9

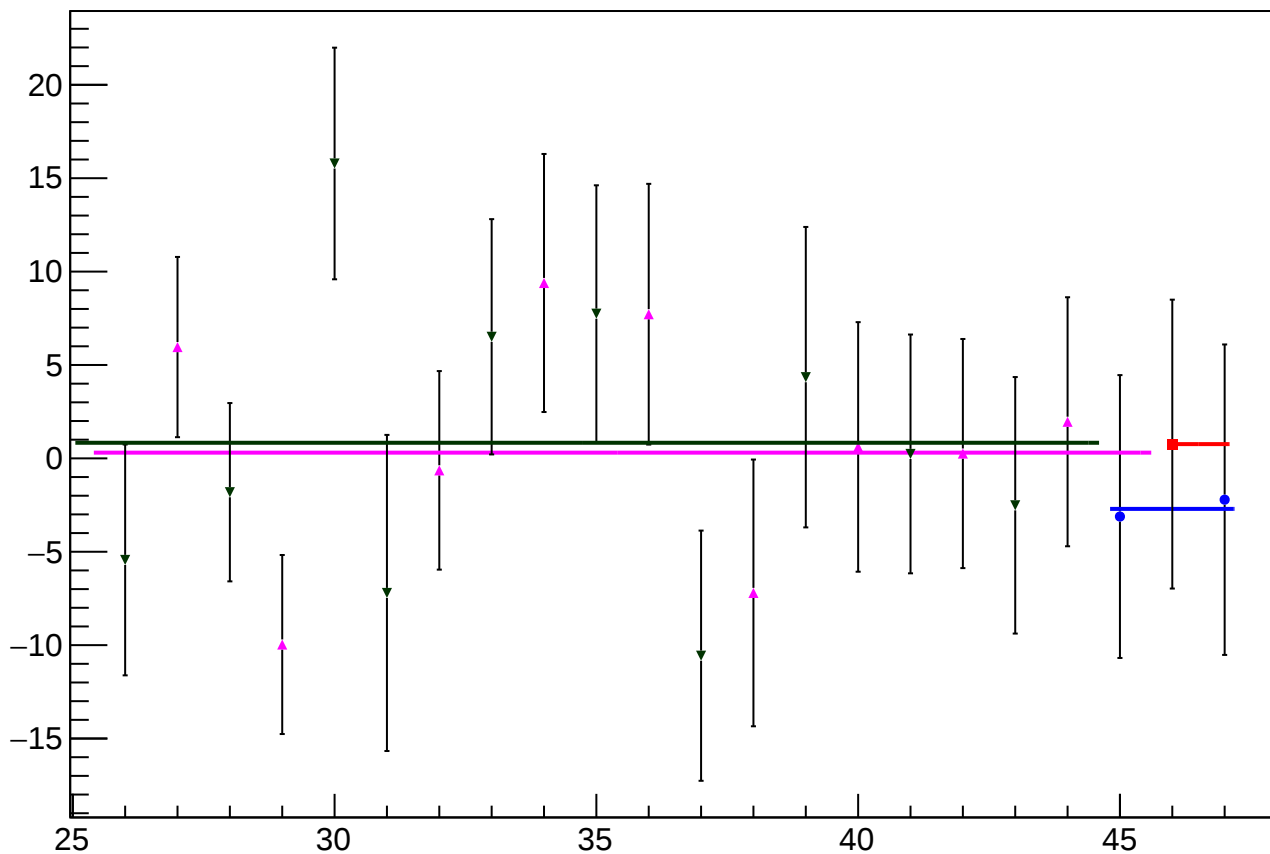
10181.982+/-2.901 χ^2/NDF : 171181.1/11

Right Out: 9916.097+/-10.753 χ^2/NDF : 0.0/0

9925.367+/-2.865 χ^2/NDF : 80598.6/9

Left In: 9926.075+/-2.973 χ^2/NDF : 80597.8/8

diff_bpm4ecY_mean vs slug



Right In: -2.705 ± 5.598 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.835 ± 2.042 $\chi^2/\text{NDF}: 13.2/9$

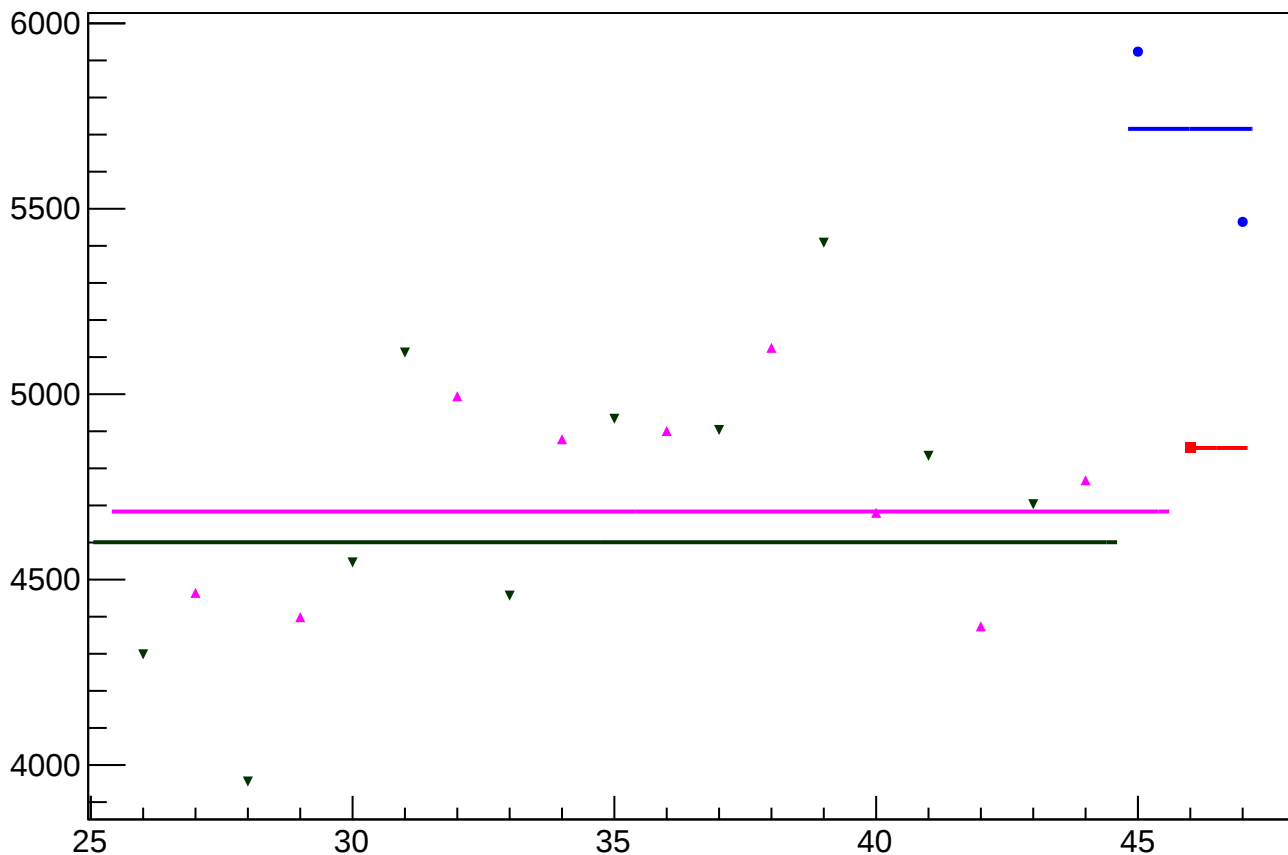
Right Out: 0.764 ± 7.734 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.306 ± 1.982 $\chi^2/\text{NDF}: 10.0/8$

0.419 ± 1.918 $\chi^2/\text{NDF}: 13.6/11$

0.335 ± 1.920 $\chi^2/\text{NDF}: 10.0/9$

diff_bpm4ecY_rms vs slug



Right In: 5715.467 $\pm$ 3.958 χ^2 /NDF: 3332.9/1

Left Out: 4600.808 $\pm$ 1.444 χ^2 /NDF:81875.8/9

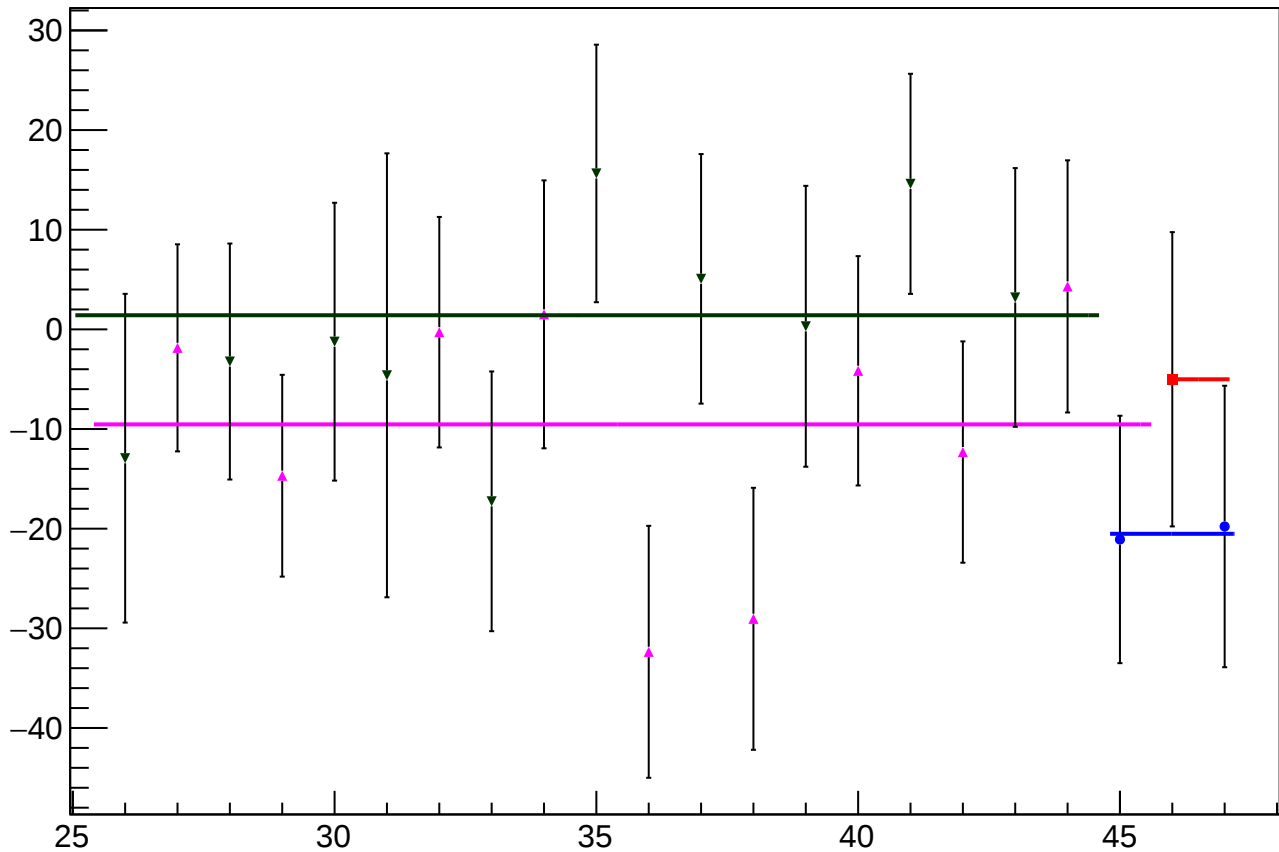
Right Out: 4855.025 $\pm$ 5.469 χ^2 /NDF: 0.0/0

Left In: 4683.543 $\pm$ 1.402 χ^2 /NDF:34622.6/8

4731.724 $\pm$ 1.356 χ^2 /NDF: 155200.6/11

4694.117 $\pm$ 1.358 χ^2 /NDF: 35545.2/9

diff_bpm1X_mean vs slug



Right In: -20.515 ± 9.324 χ^2/NDF : 0.0/1

Left Out: 1.417 ± 4.249 χ^2/NDF : 5.8/9

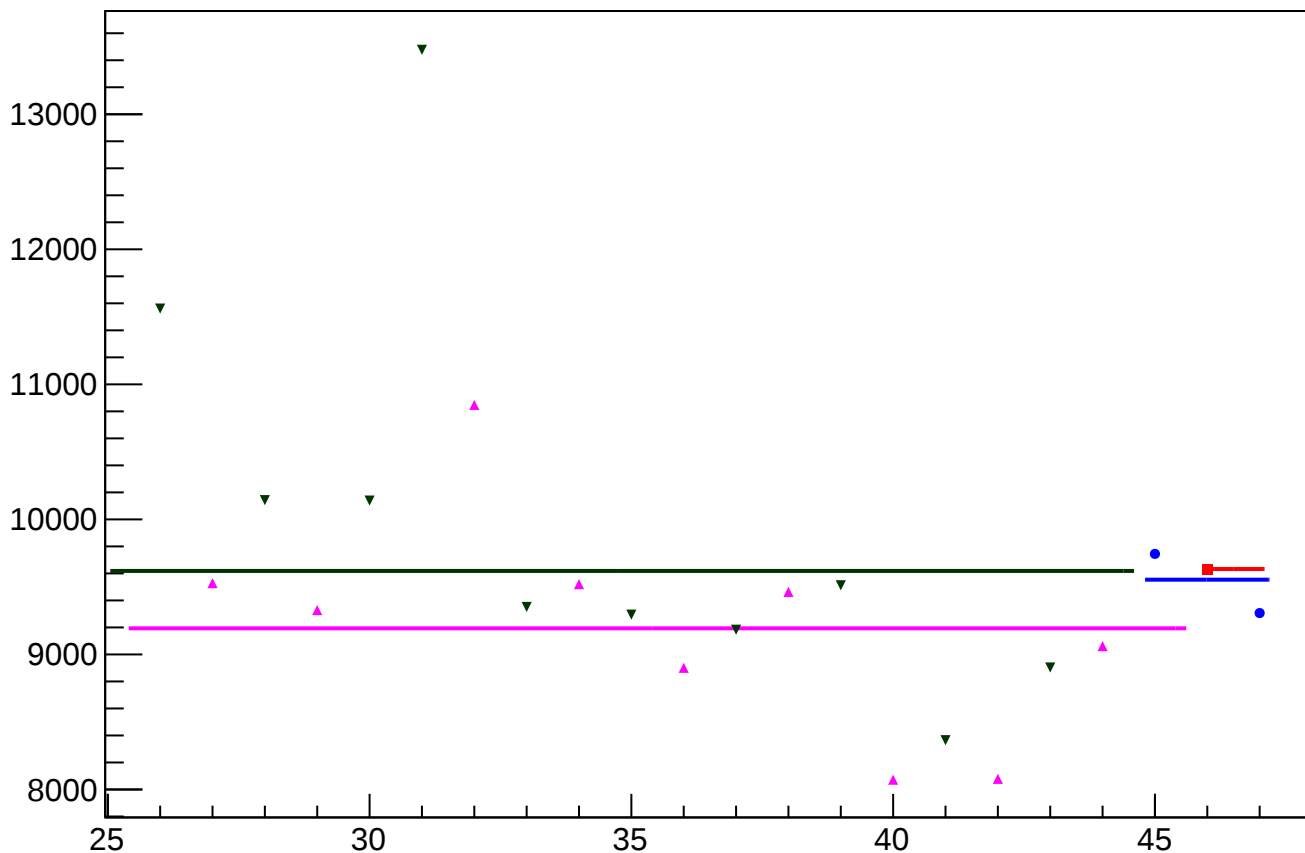
Right Out: -5.008 ± 14.764 χ^2/NDF : 0.0/0

Left In: -9.535 ± 3.893 χ^2/NDF : 9.1/8

-2.354 ± 3.866 χ^2/NDF : 10.4/11

-9.240 ± 3.764 χ^2/NDF : 9.1/9

diff_bpm1X_rms vs slug



Right In: 9553.638 ± 6.593 χ^2/NDF : 1085.5/1

Left Out: 9618.418 ± 3.005 χ^2/NDF : 130935.9/9

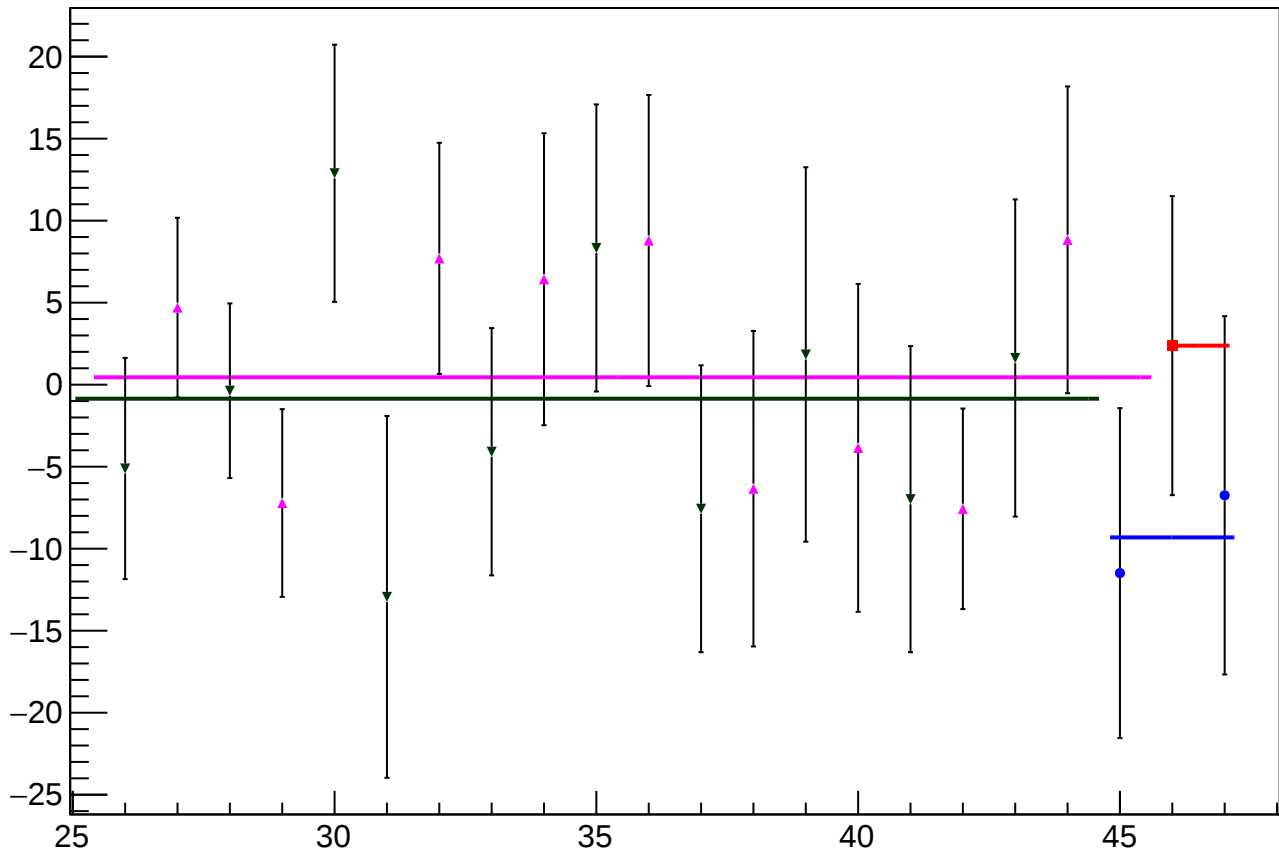
Right Out: 9632.599 ± 10.440 χ^2/NDF : 0.0/0

Left In: 9193.401 ± 2.753 χ^2/NDF : 85779.3/8

9607.278 ± 2.734 χ^2/NDF : 132101.4/11

9221.952 ± 2.662 χ^2/NDF : 87434.1/9

diff_bpm1Y_mean vs slug



Right In: -9.312+/-7.398 χ^2/NDF : 0.1/1

Left Out: -0.856+/-2.537 χ^2/NDF : 7.1/9

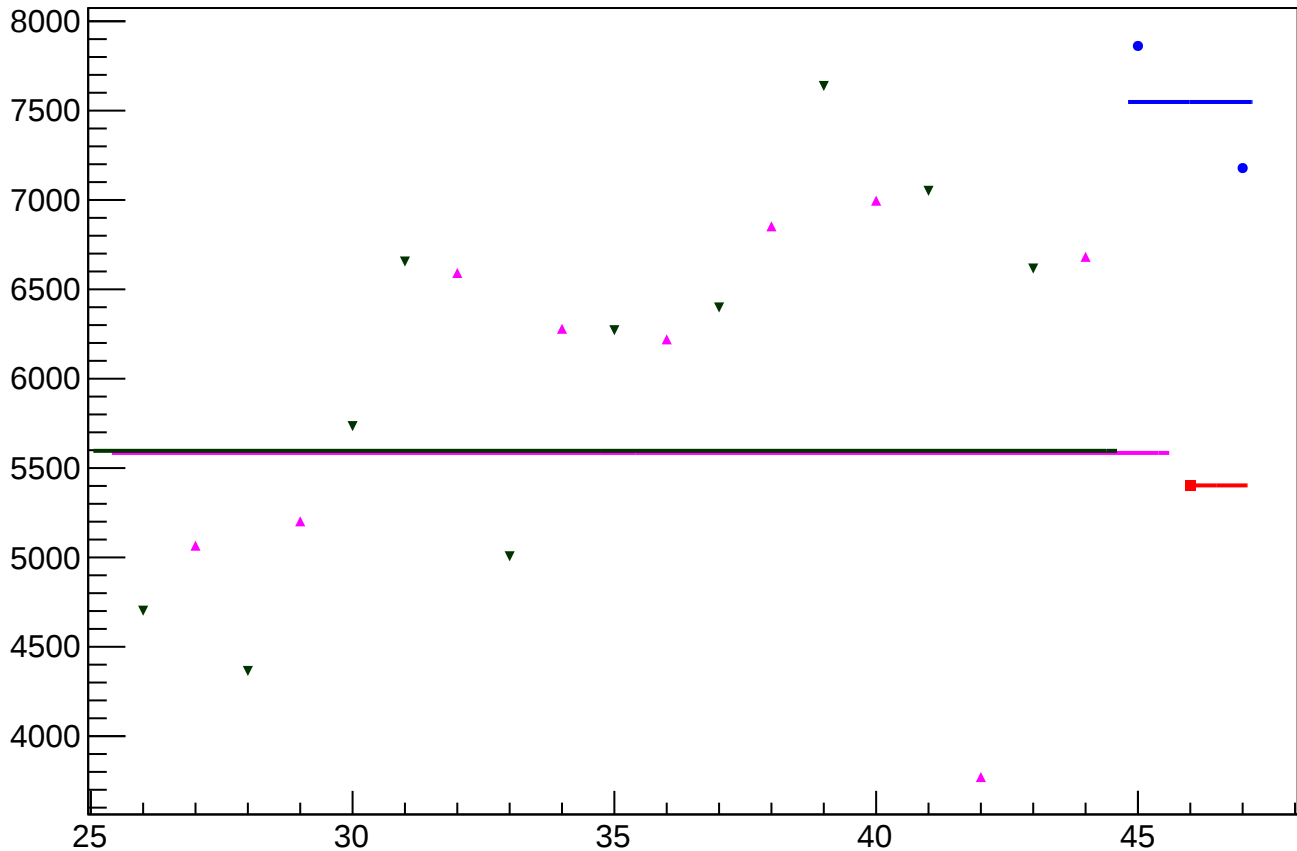
Right Out: 2.380+/-9.116 χ^2/NDF : 0.0/0

Left In: 0.448+/-2.437 χ^2/NDF : 8.0/8

-1.745+/-2.400 χ^2/NDF : 8.4/11

0.577+/-2.355 χ^2/NDF : 8.0/9

diff_bpm1Y_rms vs slug



Right In: 7548.358+/-5.231 χ^2/NDF : 4236.6/1

Left Out: 5596.473+/-1.794 χ^2/NDF : 337129.9/9

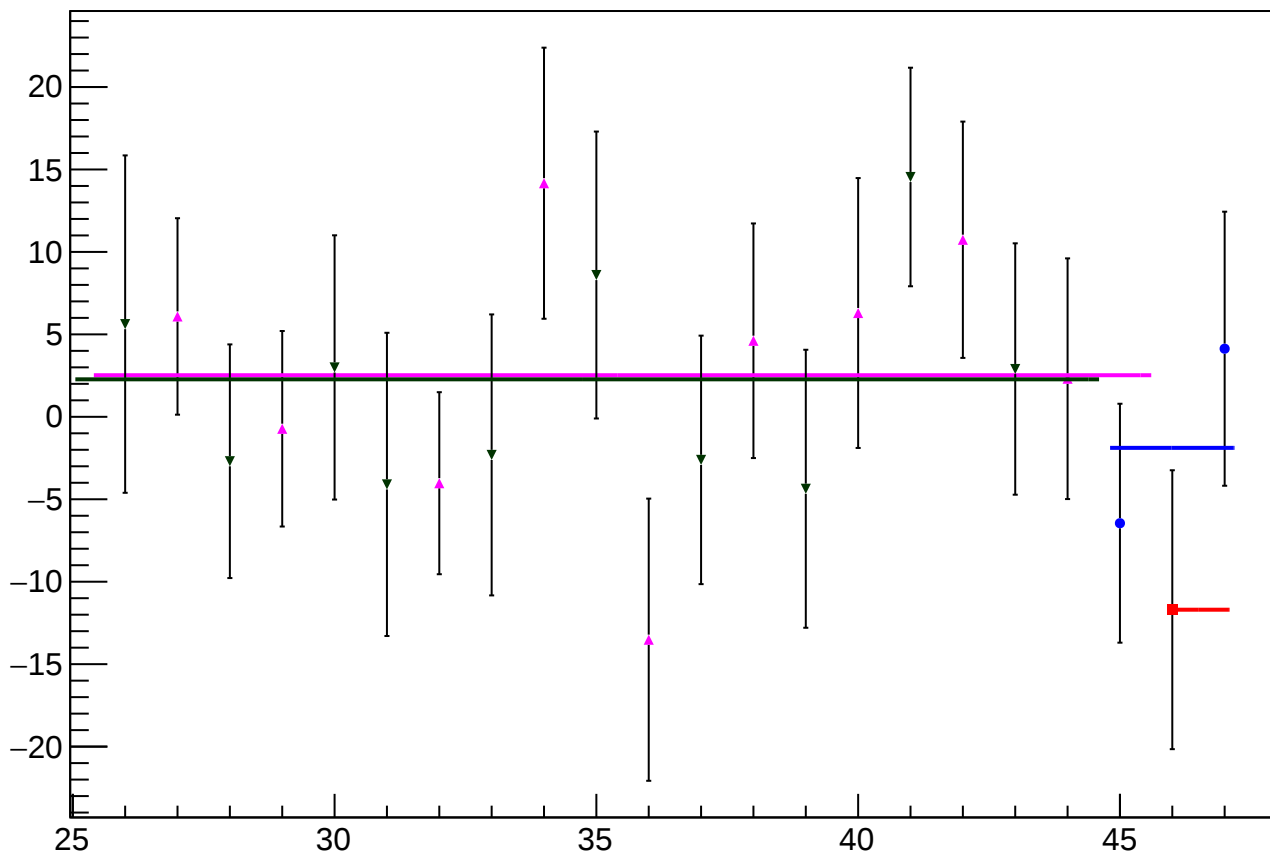
Right Out: 5402.935+/-6.446 χ^2/NDF : 0.0/0

Left In: 5584.691+/-1.723 χ^2/NDF : 368292.2/8

5801.860+/-1.697 χ^2/NDF : 465926.5/11

5572.565+/-1.665 χ^2/NDF : 369034.2/9

diff_bpm11X_mean vs slug



Right In: -1.883+/-5.461 χ^2/NDF : 0.9/1

Left Out: 2.274+/-2.536 χ^2/NDF : 6.4/9

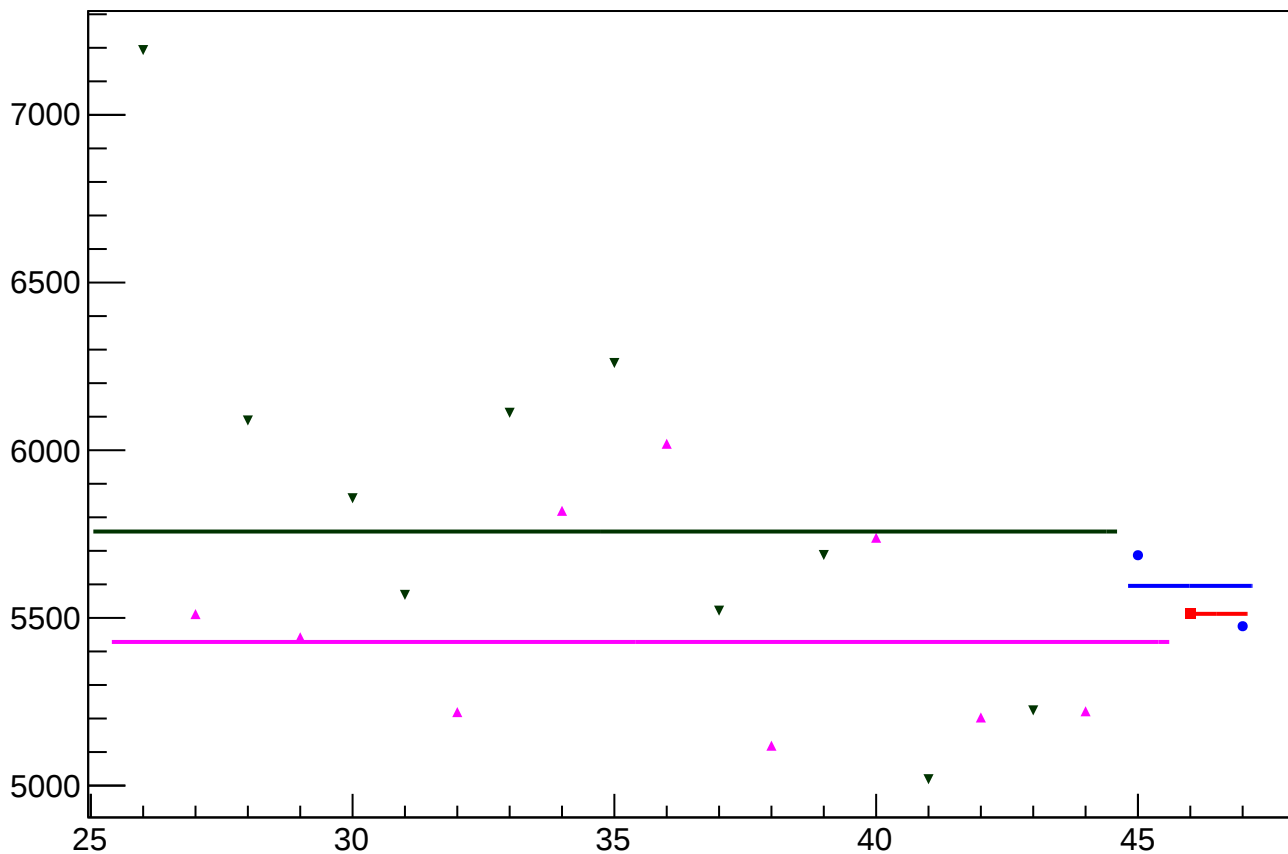
Right Out: -11.698+/-8.457 χ^2/NDF : 0.0/0

Left In: 2.523+/-2.289 χ^2/NDF : 9.2/8

1.537+/-2.300 χ^2/NDF : 7.8/11

1.552+/-2.210 χ^2/NDF : 11.8/9

diff_bpm11X_rms vs slug



Right In: 5595.530+/-3.861 χ^2/NDF : 737.3/1

Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

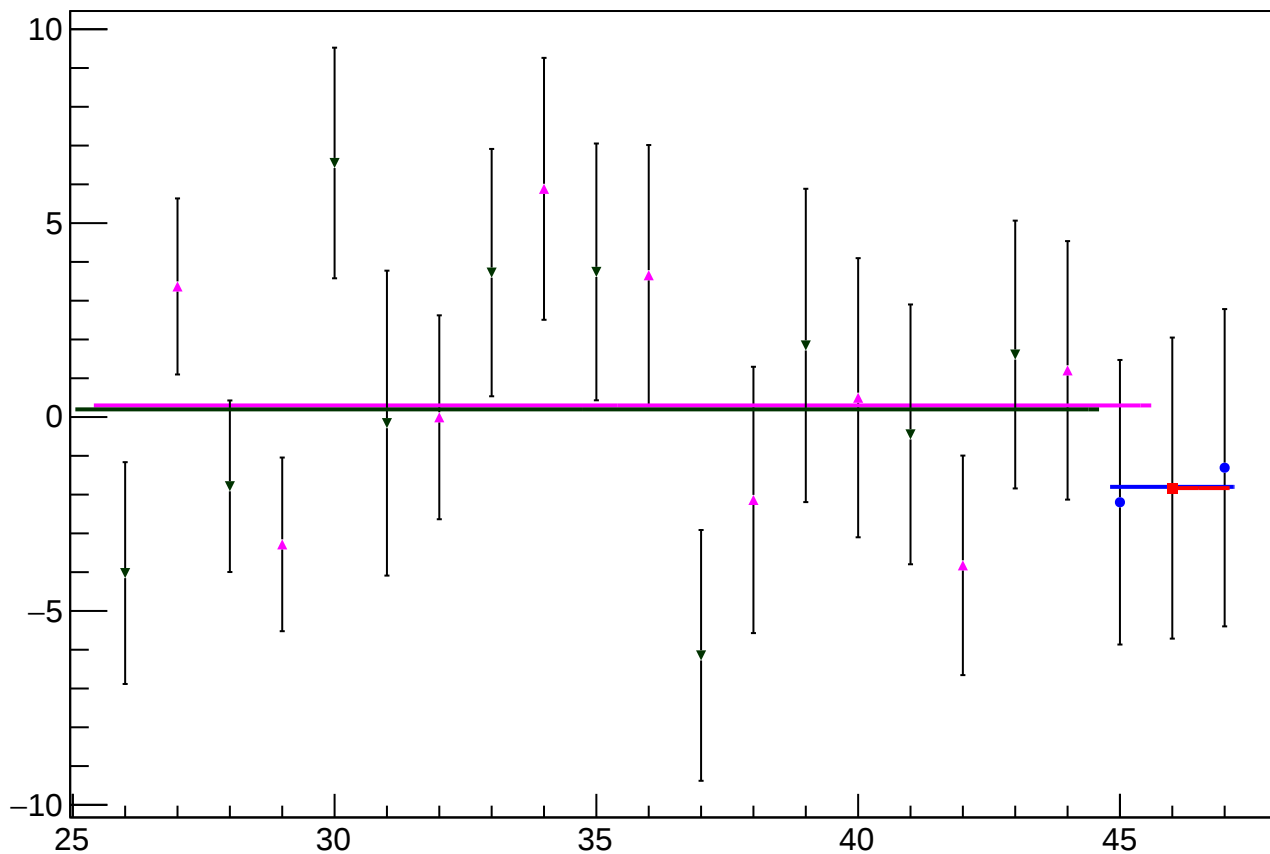
Right Out: 5512.145+/-5.980 χ^2/NDF : 0.0/0

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5728.849+/-1.626 χ^2/NDF : 93943.6/11

5434.048+/-1.562 χ^2/NDF : 27768.4/9

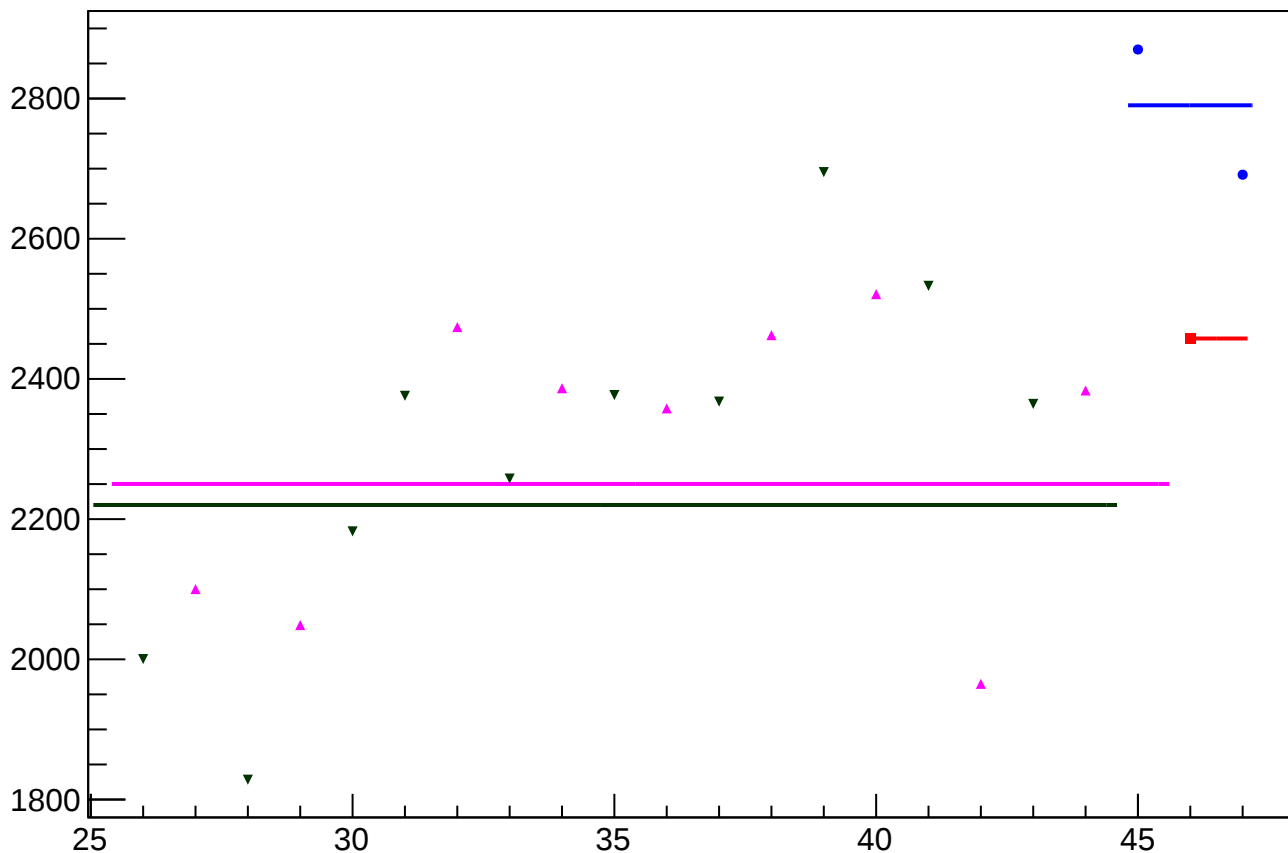
diff_bpm11Y_mean vs slug



Right In: -1.800 ± 2.731 $\chi^2/\text{NDF: } 0.0/1$
 Left Out: 0.198 ± 0.988 $\chi^2/\text{NDF: } 14.1/9$
 Right Out: -1.832 ± 3.882 $\chi^2/\text{NDF: } 0.0/0$
 Left In: 0.299 ± 0.957 $\chi^2/\text{NDF: } 10.8/8$

-0.034 ± 0.929 $\chi^2/\text{NDF: } 14.6/11$
 0.177 ± 0.929 $\chi^2/\text{NDF: } 11.1/9$

diff_bpm11Y_rms vs slug



Right In: 2790.355+/-1.931 χ^2 /NDF: 2113.1/1

Left Out: 2220.193+/-0.699 χ^2 /NDF:135533.9/9

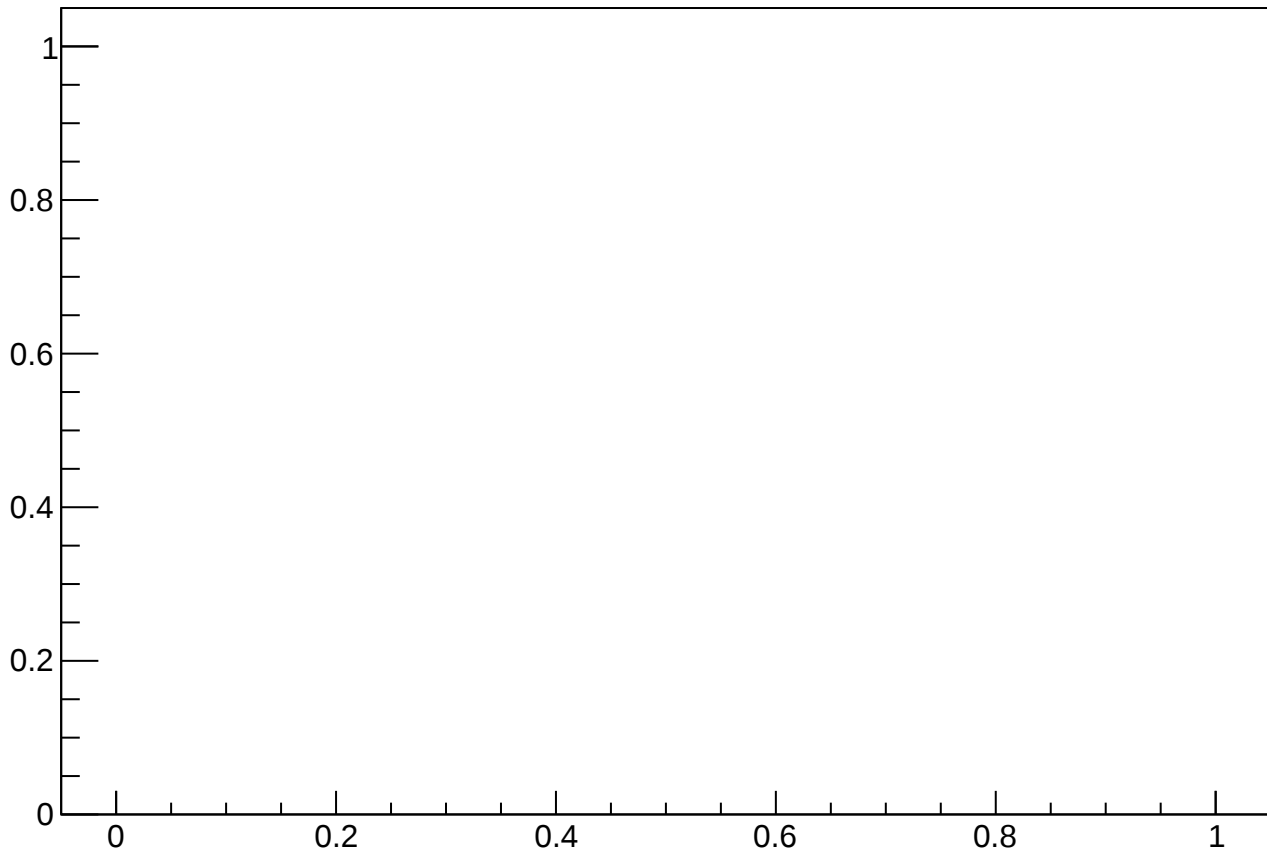
Right Out: 2457.677+/-2.745 χ^2 /NDF: 0.0/0

Left In: 2250.180+/-0.677 χ^2 /NDF:87193.5/8

2286.190+/-0.657 χ^2 /NDF: 214707.1/11

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

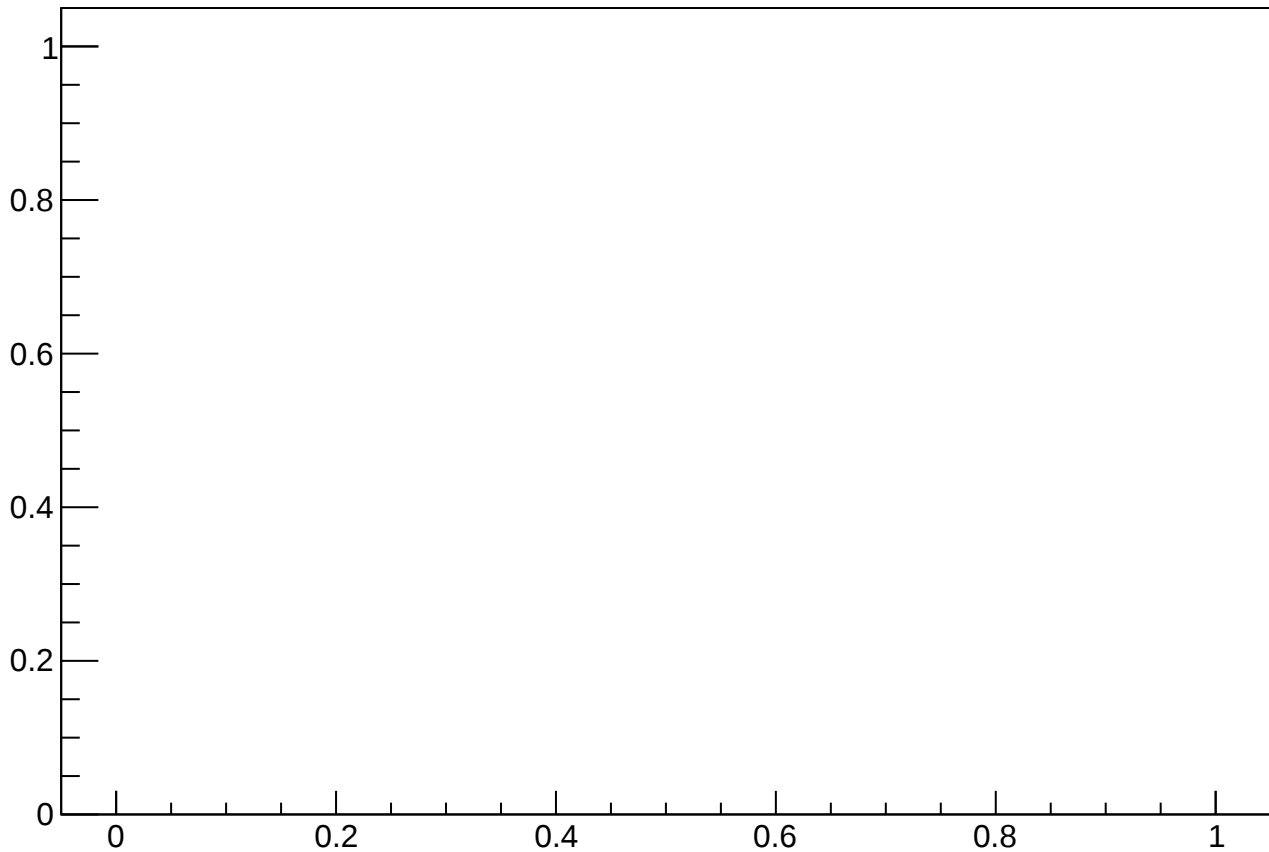
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

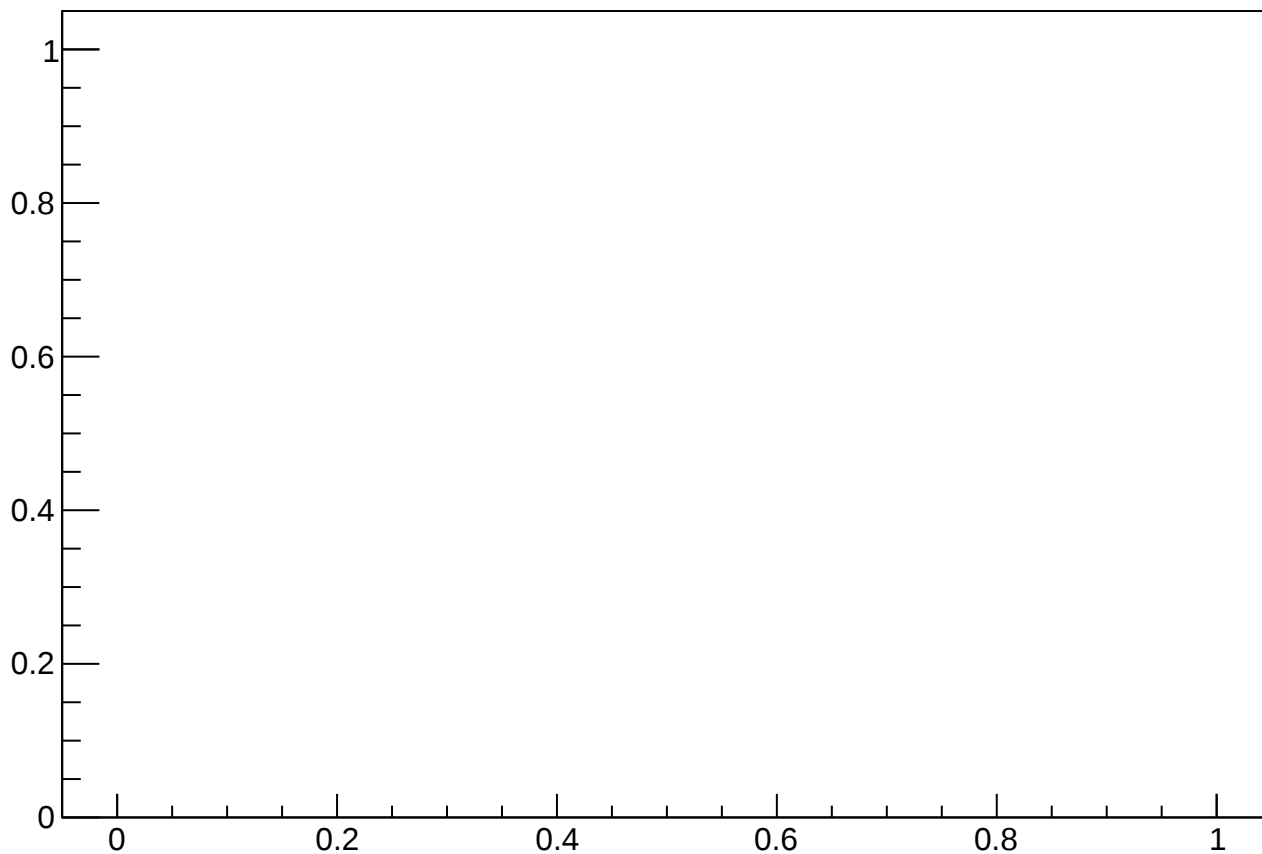
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

diff_bpm14Y_mean vs slug



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

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

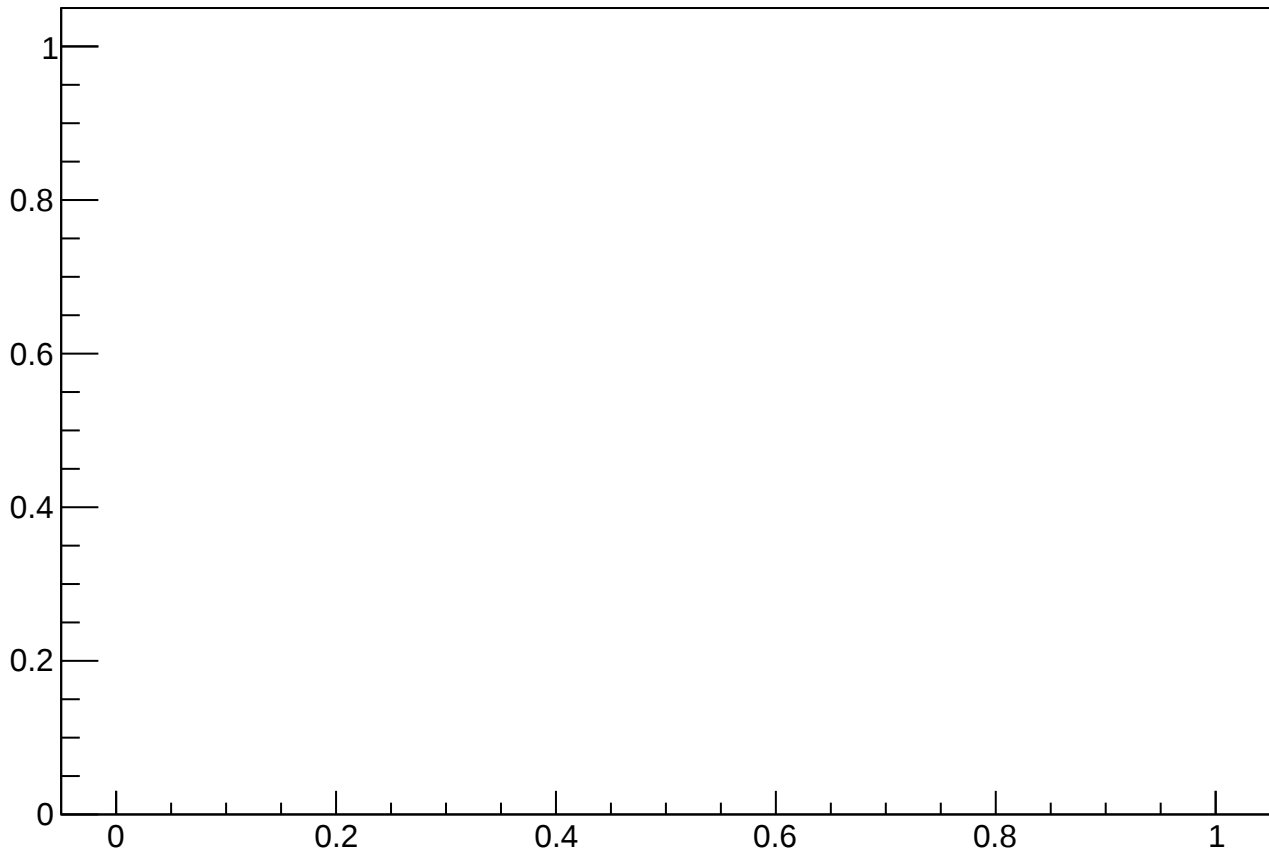
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_rms vs slug



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

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

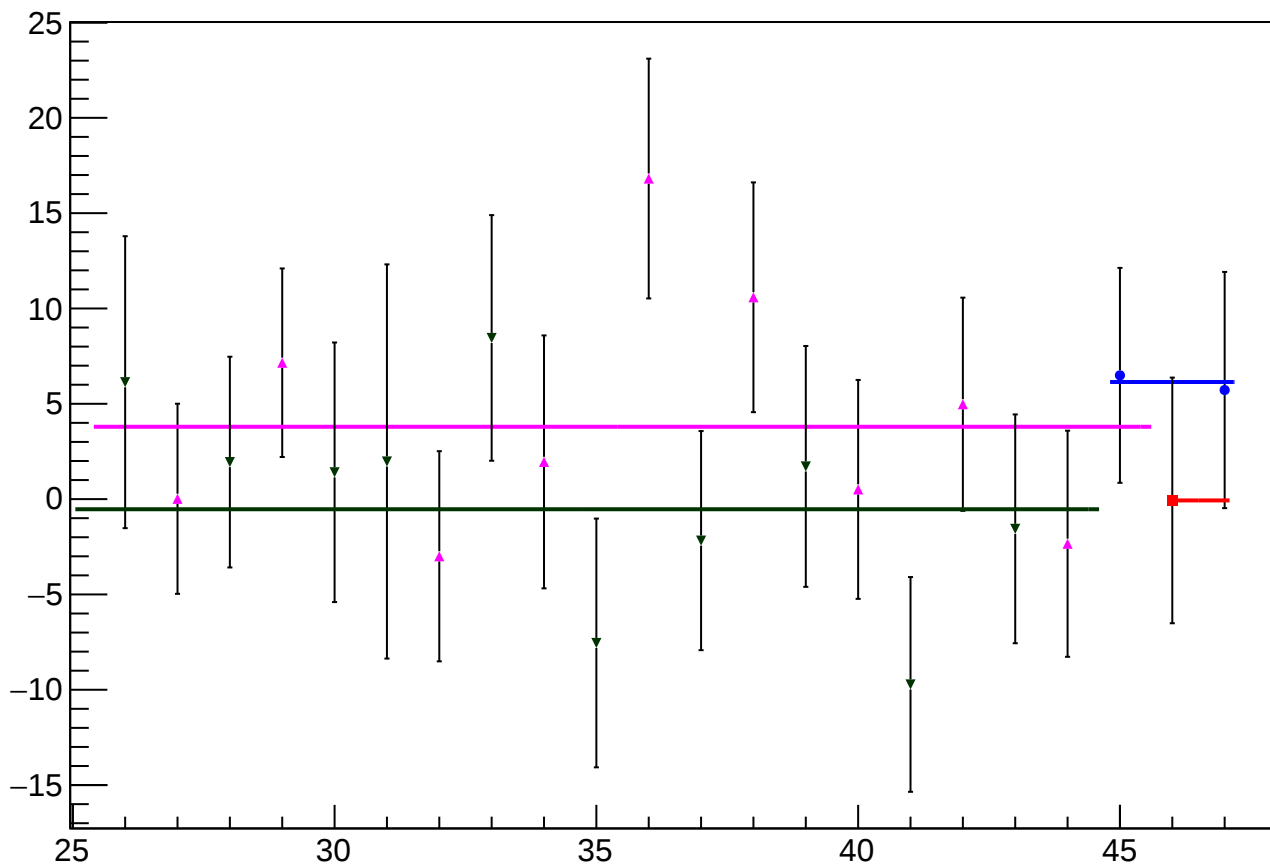
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 6.144+/-4.169 χ^2/NDF : 0.0/1

Left Out: -0.532+/-2.029 χ^2/NDF : 7.1/9

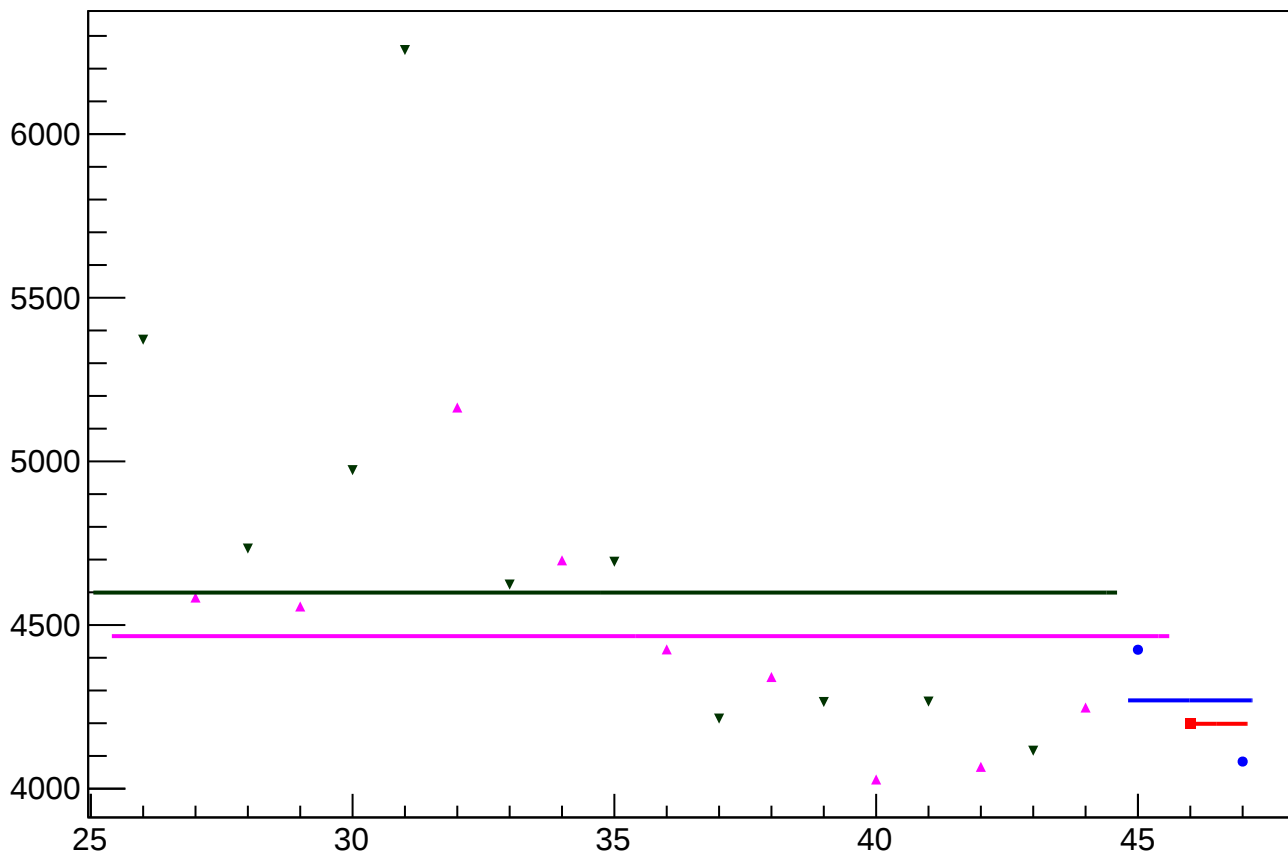
Right Out: -0.069+/-6.443 χ^2/NDF : 0.0/0

Left In: 3.795+/-1.889 χ^2/NDF : 9.6/8

0.746+/-1.824 χ^2/NDF : 9.2/11

3.489+/-1.812 χ^2/NDF : 10.0/9

diff_bpm16X_rms vs slug



Right In: 4269.792+/-2.948 χ^2/NDF : 3327.6/1

Left Out: 4599.203+/-1.435 χ^2/NDF :113974.5/9

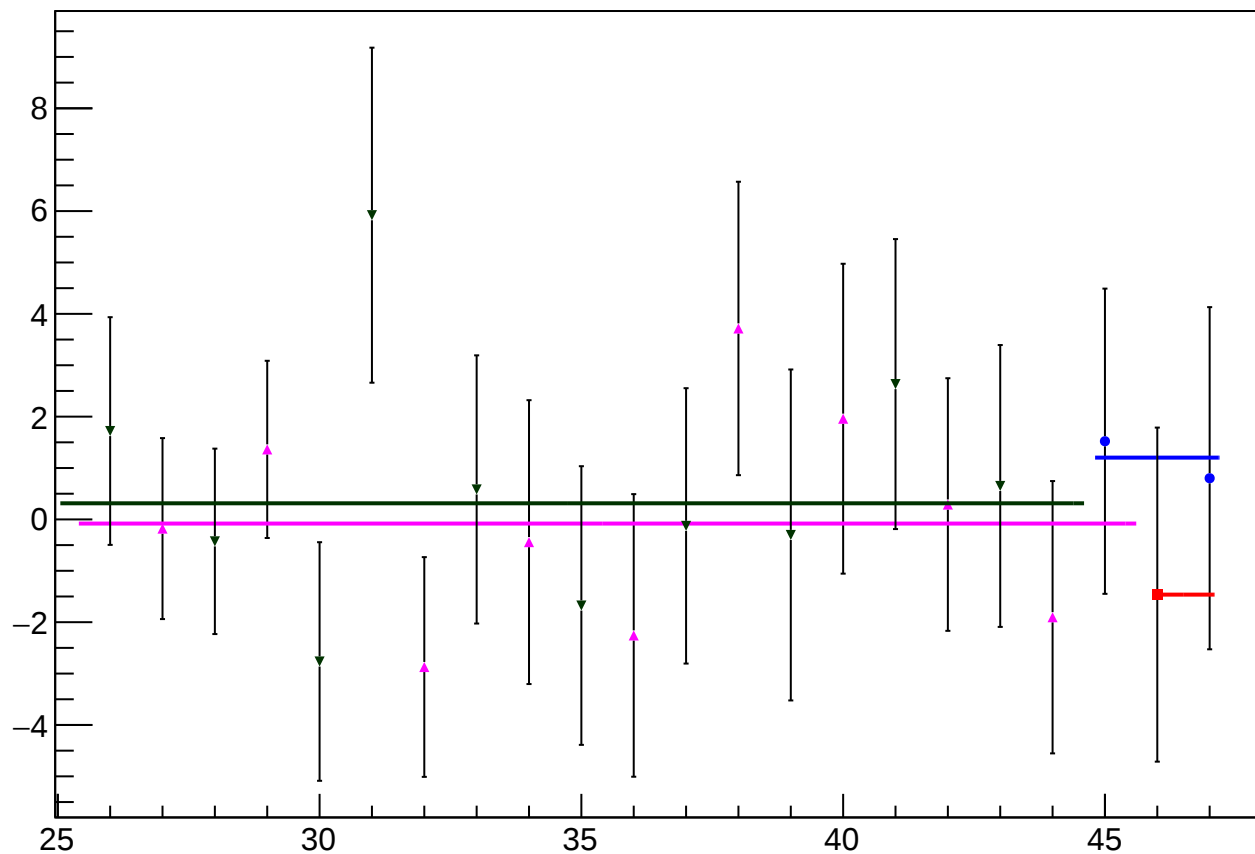
Right Out: 4198.258+/-4.556 χ^2/NDF : 0.0/0

Left In: 4466.079+/-1.336 χ^2/NDF :61840.0/8

4536.141+/-1.290 χ^2/NDF : 127396.1/11

4444.884+/-1.282 χ^2/NDF : 65022.5/9

diff_bpm16Y_mean vs slug



Right In: 1.203 $\pm$ 2.216 χ^2 /NDF: 0.0/1

Left Out: 0.314 $\pm$ 0.799 χ^2 /NDF:6.6/9

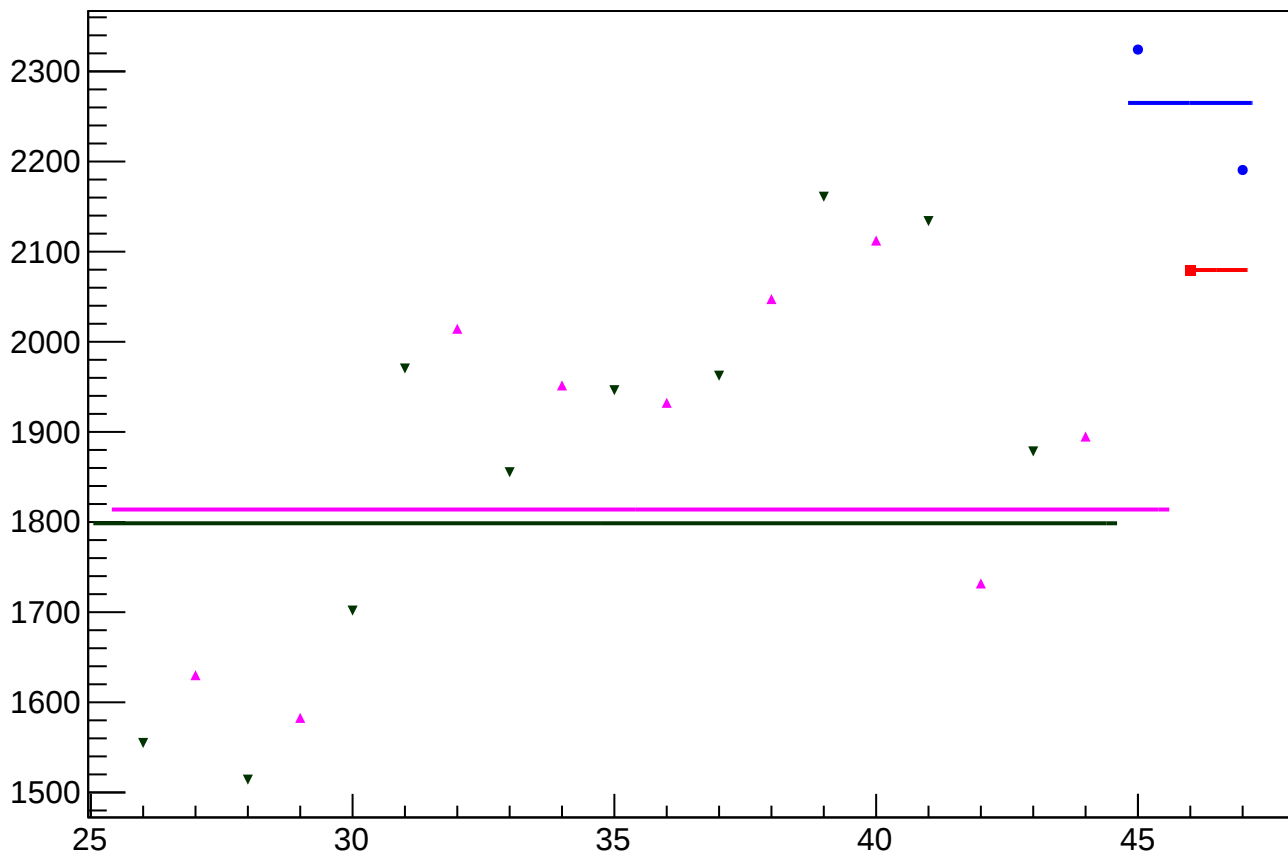
Right Out: -1.464 $\pm$ 3.250 χ^2 /NDF: 0.0/0

Left In: -0.081 $\pm$ 0.771 χ^2 /NDF:5.8/8

0.416 $\pm$ 0.751 χ^2 /NDF: 6.8/11

-0.154 $\pm$ 0.750 χ^2 /NDF: 5.9/9

diff_bpm16Y_rms vs slug



Right In: 2265.013+/-1.567 χ^2/NDF : 1794.3/1

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

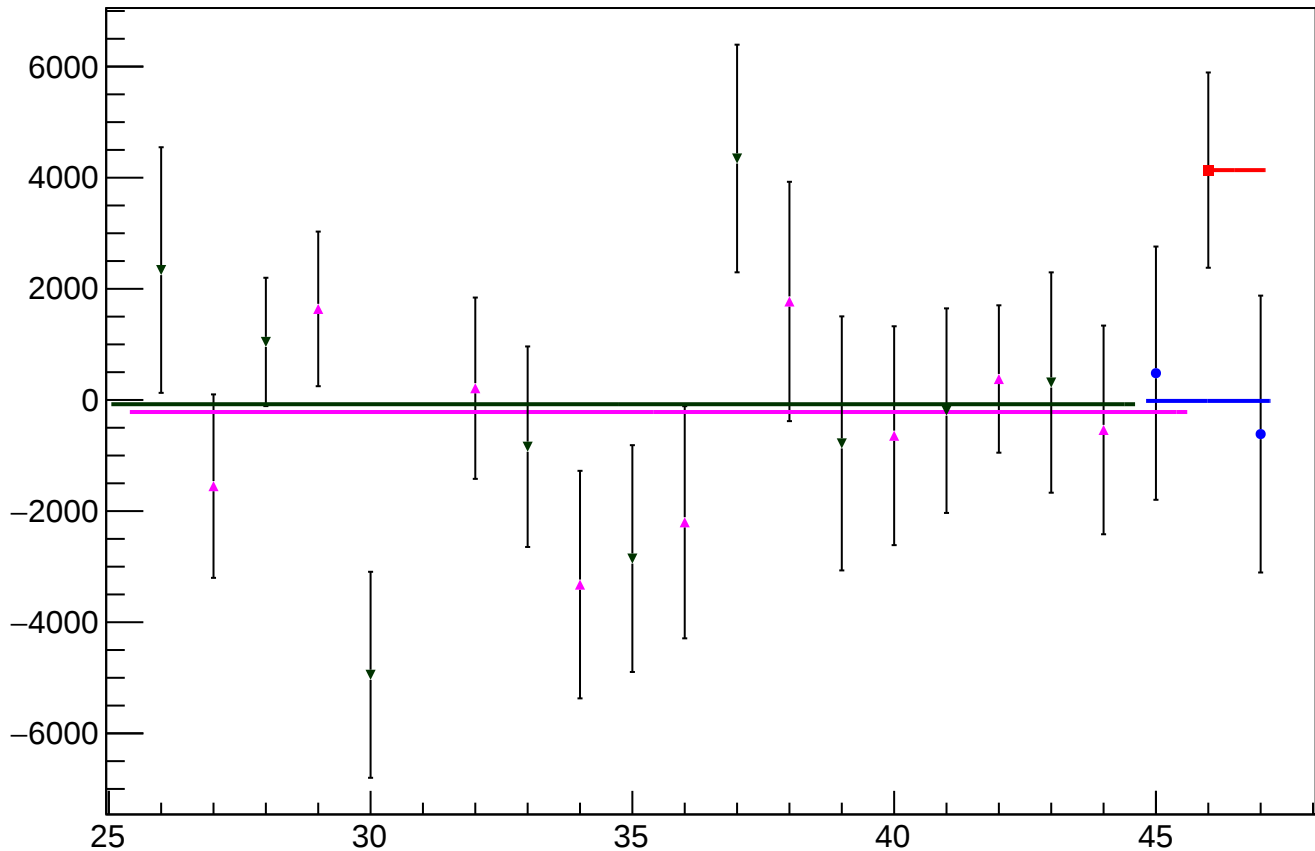
1852.249+/-0.531 χ^2/NDF : 232714.9/11

Right Out: 2079.640+/-2.298 χ^2/NDF : 0.0/0

1828.069+/-0.531 χ^2/NDF : 133730.0/9

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

asym_sam1_mean vs slug



Right In: -16.986+/-1681.508 χ^2/NDF : 0.1/1

Left Out: -76.487+/-600.613 χ^2/NDF :15.9/8

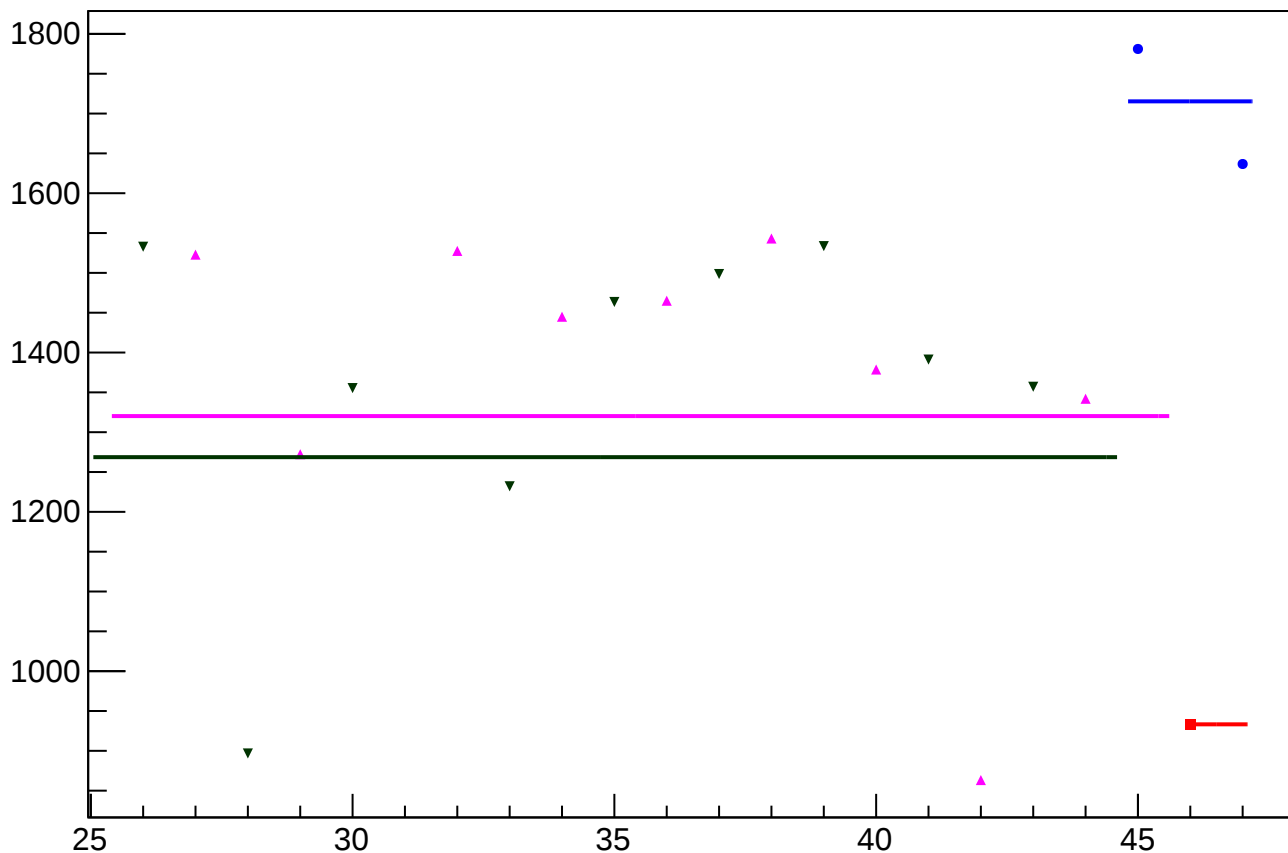
Right Out: 4136.402+/-1757.159 χ^2/NDF : 0.0/0

Left In: -216.843+/-572.349 χ^2/NDF :6.8/8

-69.755+/-565.614 χ^2/NDF : 16.0/10

200.717+/-544.207 χ^2/NDF : 12.4/9

asym_sam1_rms vs slug



Right In: 1715.313+/-1.189 χ^2/NDF : 3659.1/1

Left Out: 1268.658+/-0.425 χ^2/NDF :324399.1/8

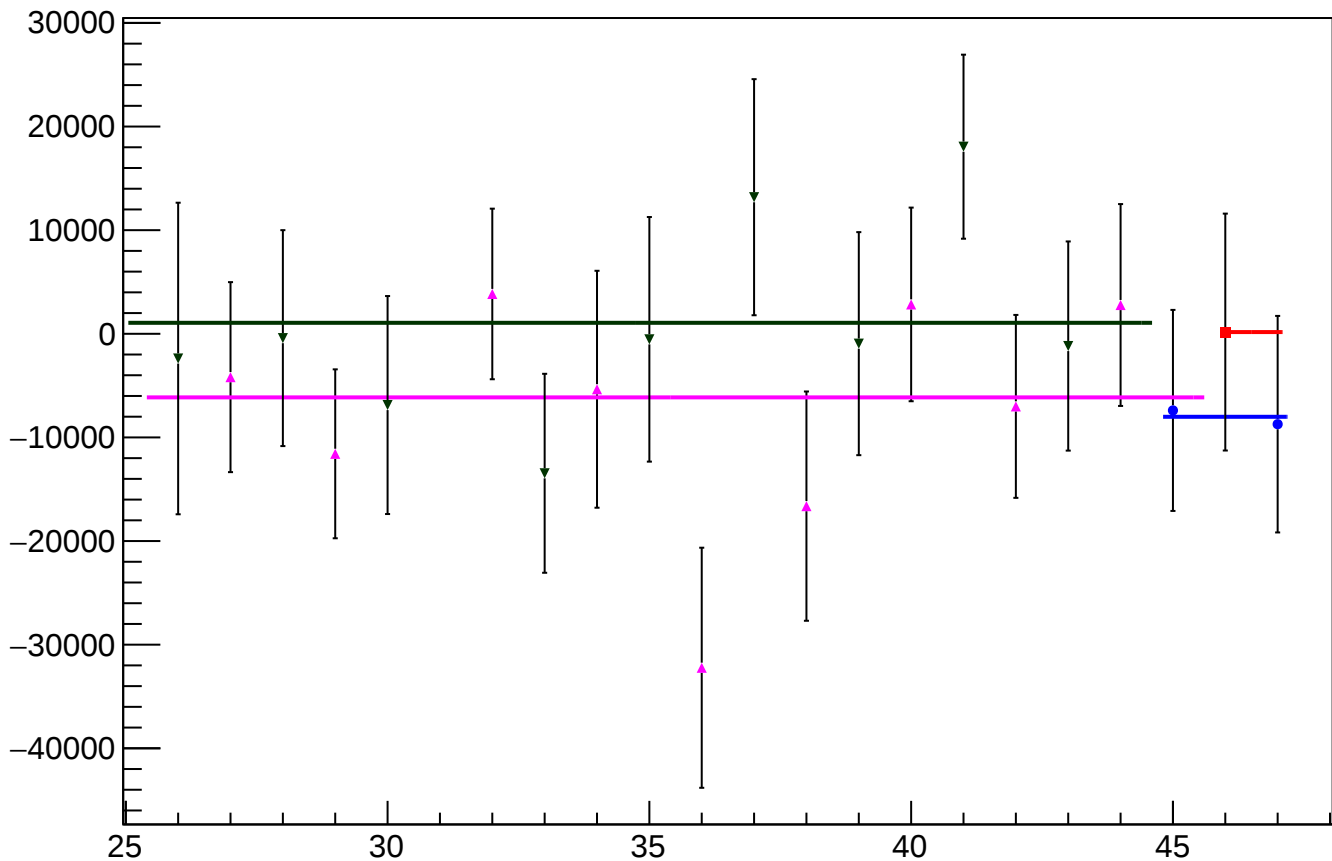
Right Out: 933.263+/-1.242 χ^2/NDF : 0.0/0

Left In: 1320.223+/-0.405 χ^2/NDF :342759.8/8

1319.196+/-0.400 χ^2/NDF : 453207.6/10

1283.106+/-0.385 χ^2/NDF : 430449.3/9

asym_sam2_mean vs slug



Right In: -8009.058+/-7108.704 χ^2 /NDF: 0.0/1

Left Out: 1060.376+/-3545.636 χ^2 /NDF:7.8/8

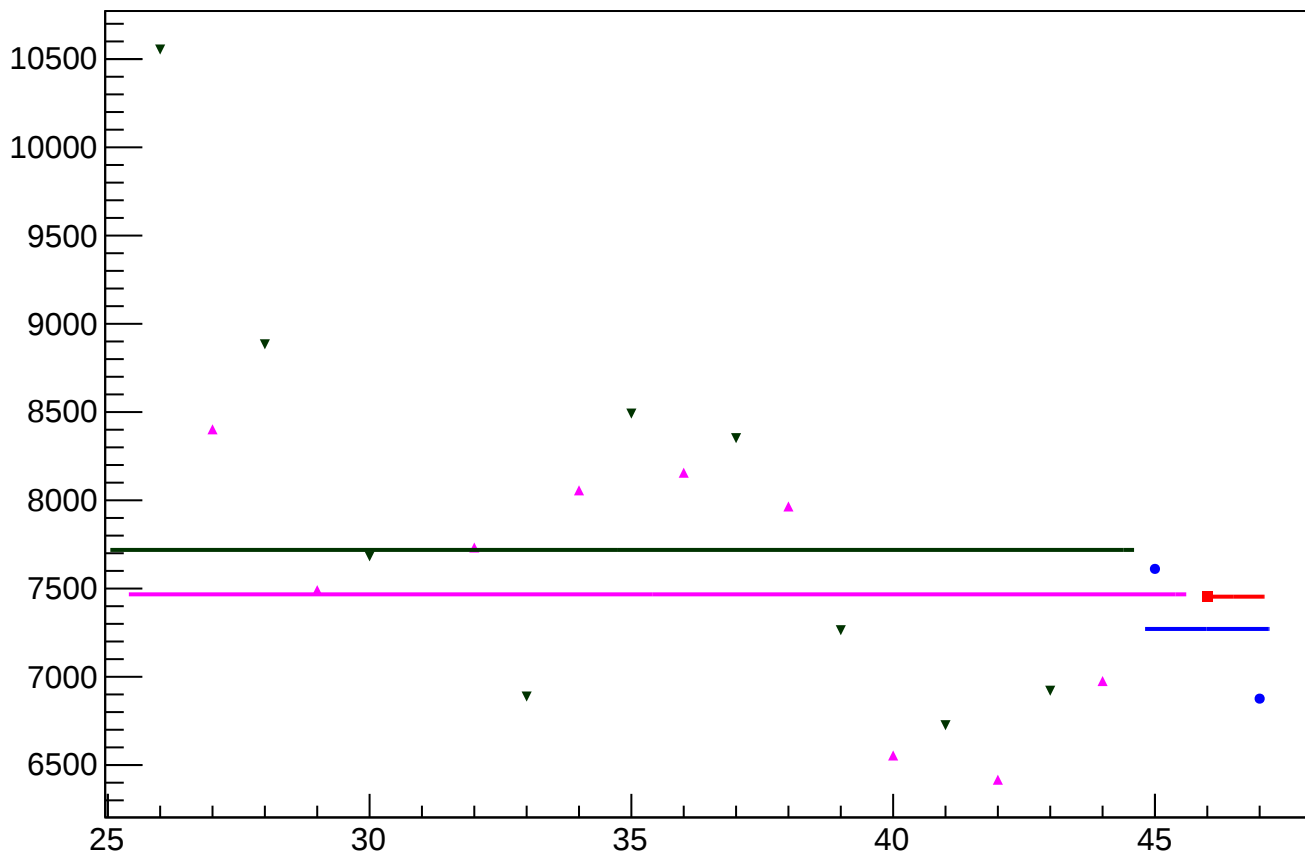
Right Out: 166.755+/-11430.794 χ^2 /NDF: 0.0/0

Left In: -6136.125+/-3165.179 χ^2 /NDF:9.7/8

-746.396+/-3172.868 χ^2 /NDF: 9.1/10

-5687.278+/-3050.396 χ^2 /NDF: 10.0/9

asym_sam2_rms vs slug



Right In: 7271.098+/-5.027 χ^2/NDF : 5318.1/1

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

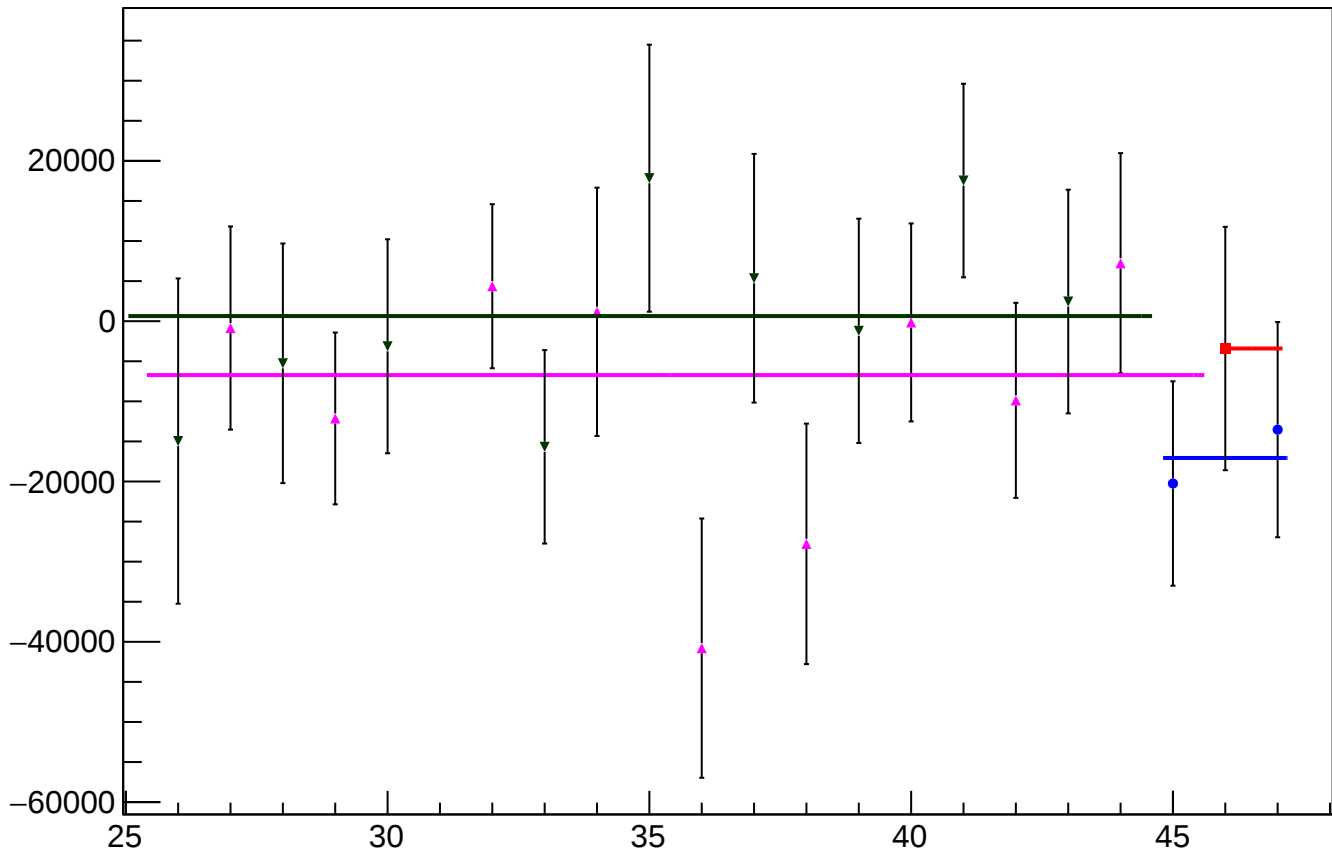
Right Out: 7454.048+/-8.083 χ^2/NDF : 0.0/0

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7629.699+/-2.244 χ^2/NDF : 178658.9/10

7466.253+/-2.157 χ^2/NDF : 91851.1/9

asym_sam3_mean vs slug



Right In: -17063.709+/-9246.290 χ^2/NDF : 0.1/1

Left Out: 639.789+/-4753.910 χ^2/NDF : 5.8/8

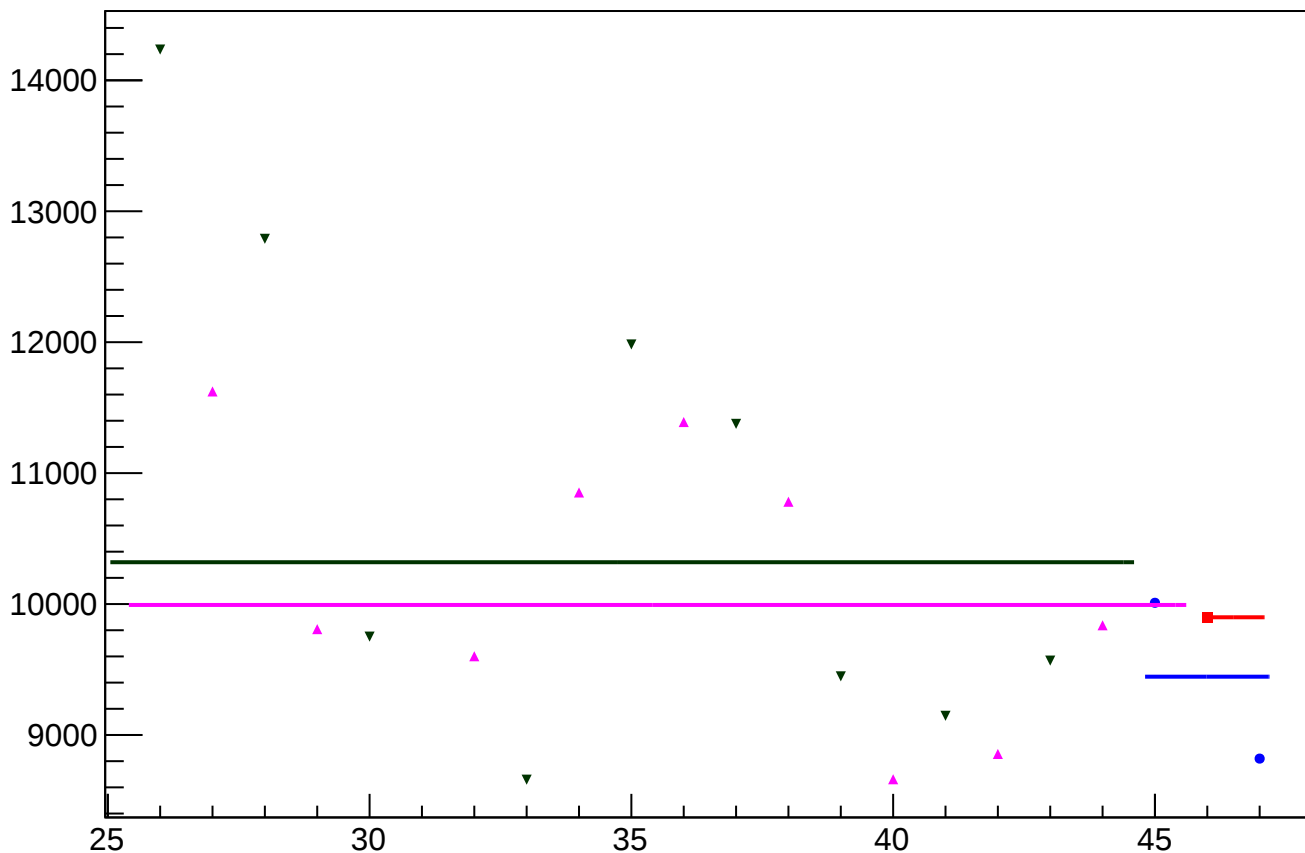
-3061.570+/-4227.840 χ^2/NDF : 8.8/10

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: 9445.295+/-6.538 χ^2/NDF : 8261.0/1

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

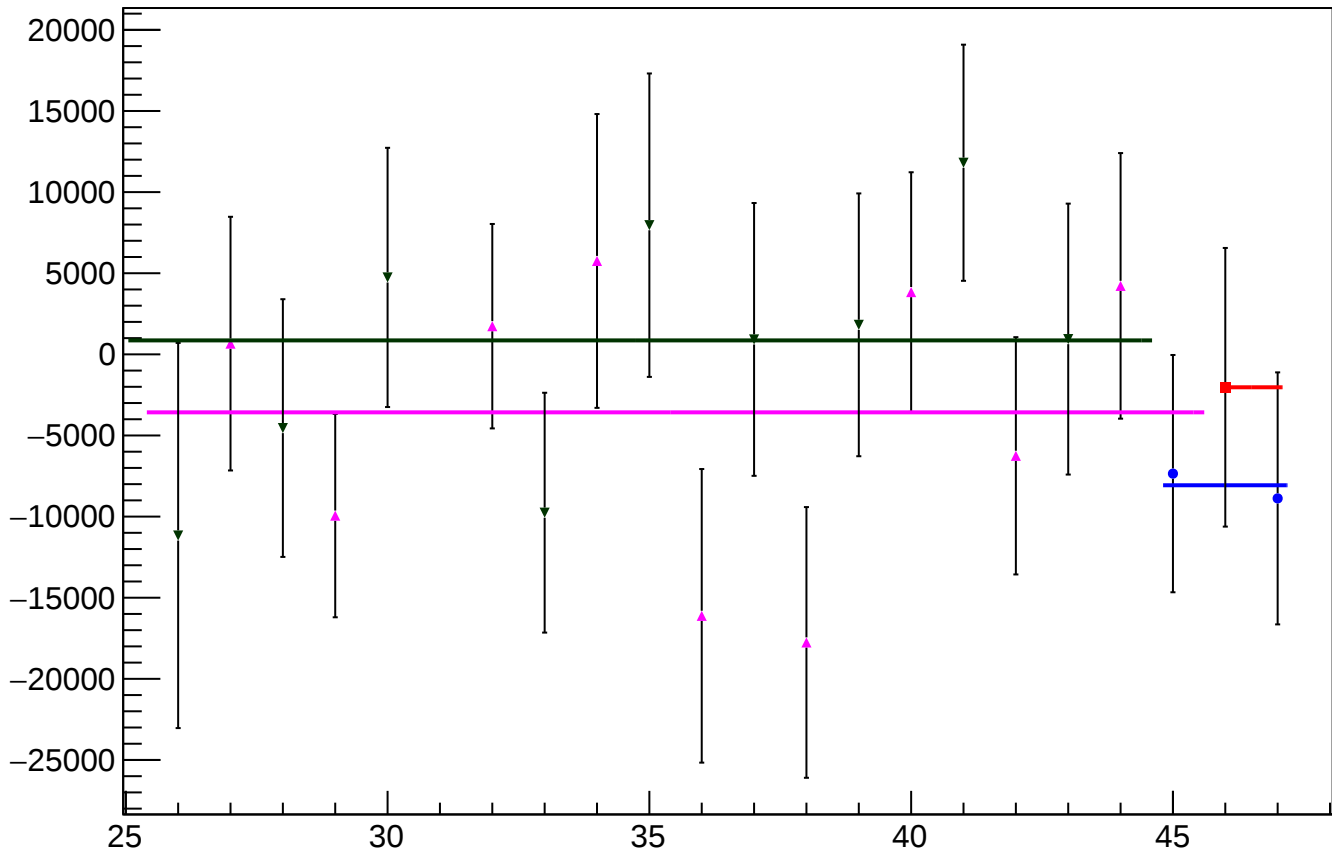
Right Out: 9899.014+/-10.735 χ^2/NDF : 0.0/0

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

10136.745+/-2.990 χ^2/NDF : 254674.3/10

9986.294+/-2.890 χ^2/NDF : 104282.7/9

asym_sam4_mean vs slug



Right In: -8068.717 $\pm$ 5324.157 χ^2/NDF : 0.0/1

Left Out: 860.253 $\pm$ 2763.123 χ^2/NDF : 6.6/8

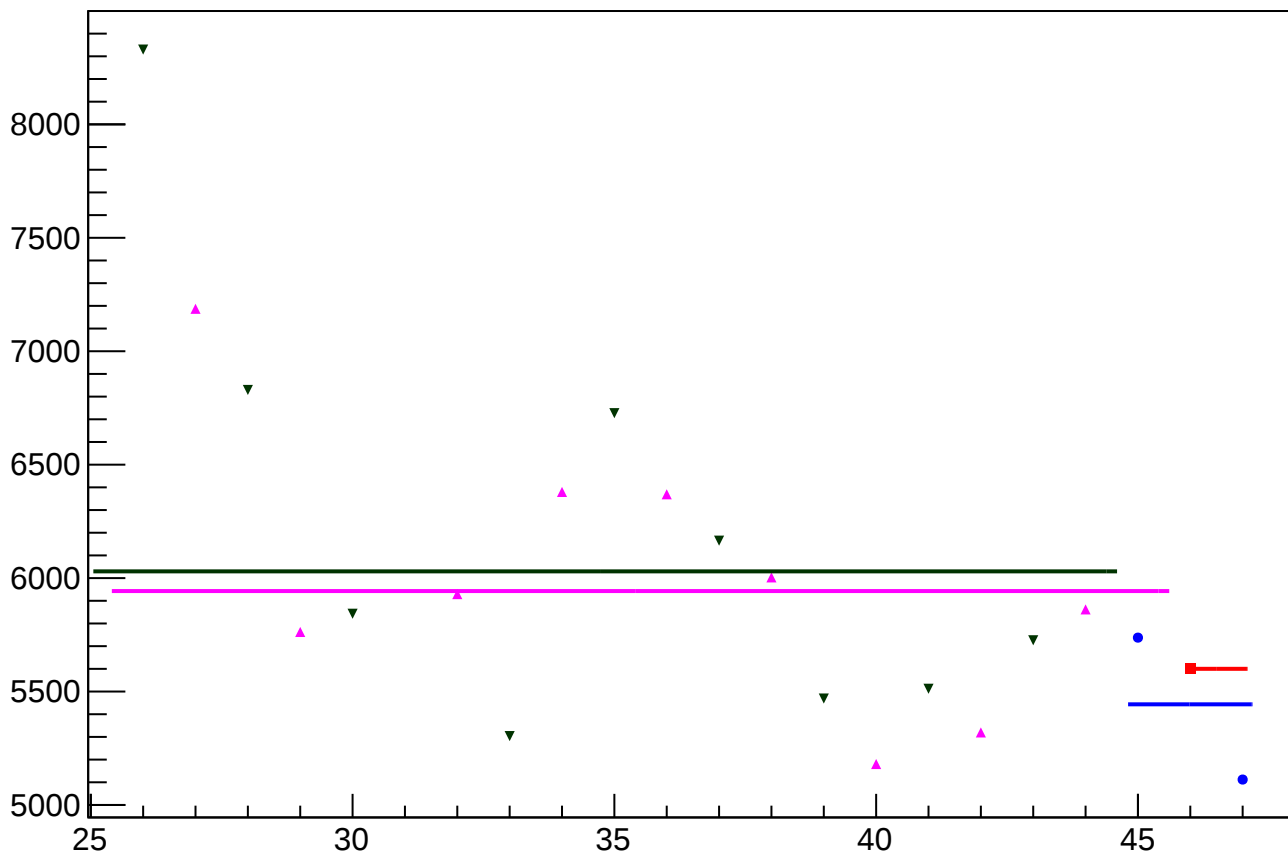
-1034.369 $\pm$ 2452.513 χ^2/NDF : 8.9/10

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

-3452.093 $\pm$ 2416.031 χ^2/NDF : 10.0/9

asym_sam4_rms vs slug



Right In: 5443.637+/-3.765 χ^2/NDF : 6877.5/1

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

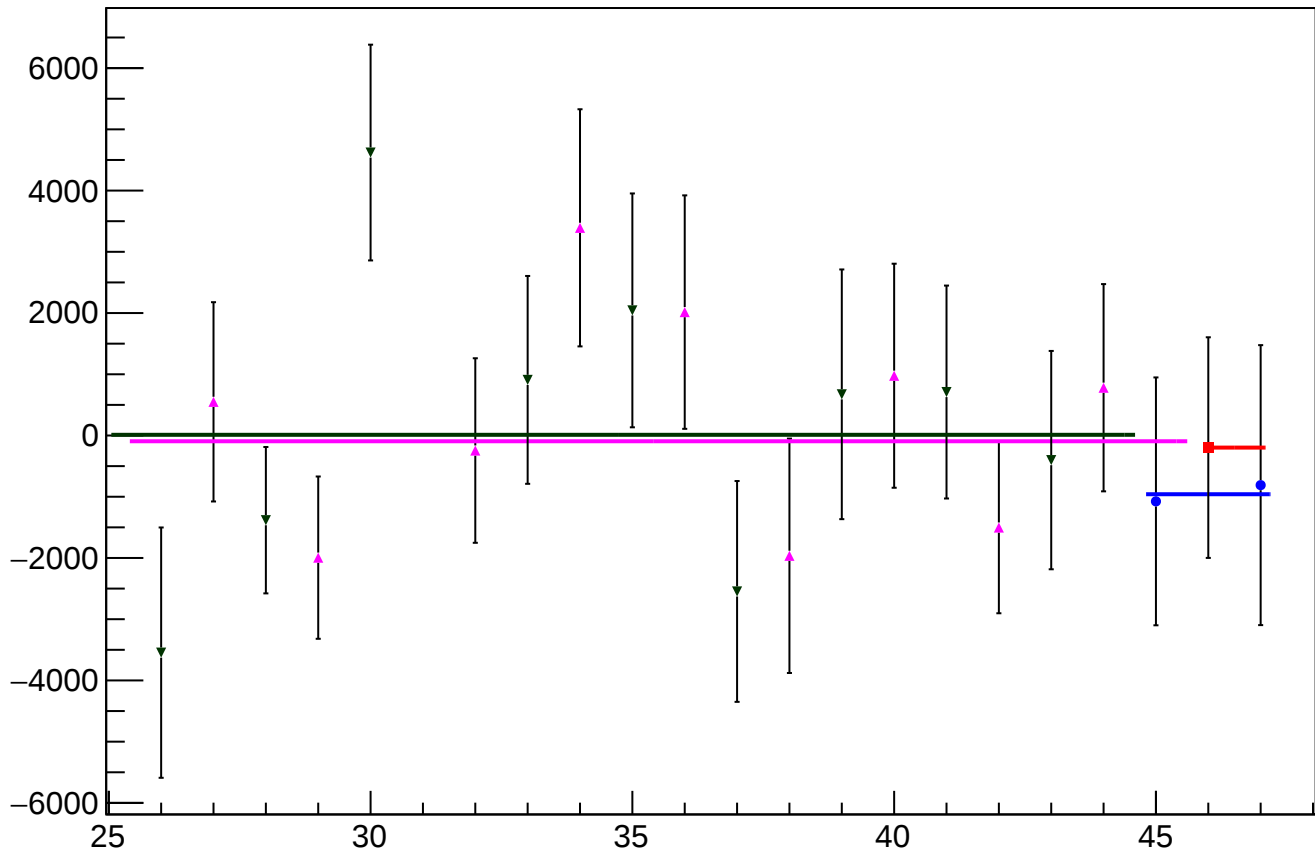
Right Out: 5600.130+/-6.072 χ^2/NDF : 0.0/0

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5905.347+/-1.734 χ^2/NDF : 175708.0/10

5915.755+/-1.708 χ^2/NDF : 100488.1/9

asym_sam5_mean vs slug



Right In: -959.013+/-1515.425 χ^2/NDF : 0.0/1

Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

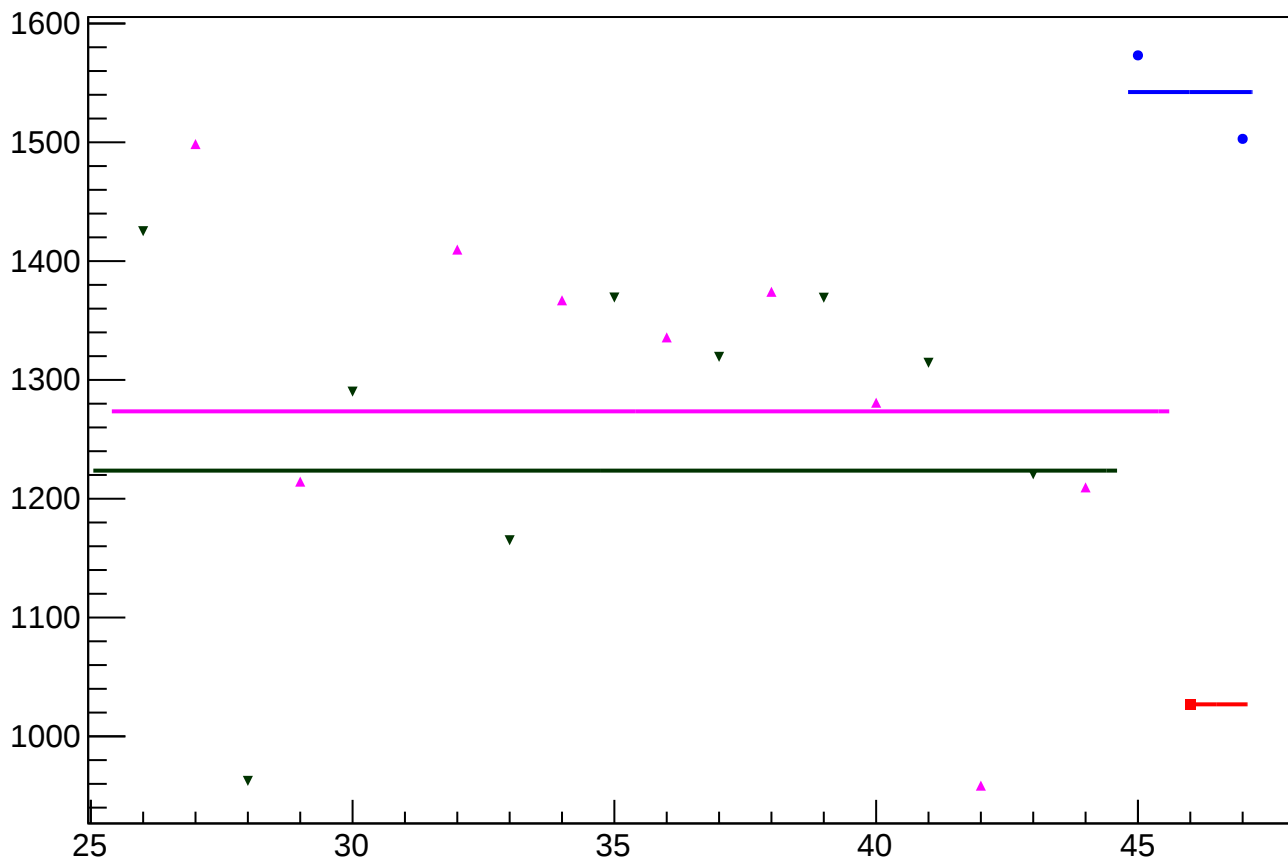
Right Out: -197.446+/-1801.617 χ^2/NDF : 0.0/0

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

-108.939+/-533.658 χ^2/NDF : 15.3/10

-102.645+/-522.121 χ^2/NDF : 9.3/9

asym_sam5_rms vs slug



Right In: 1542.297+/-1.072 χ^2/NDF : 1059.3/1

Left Out: 1223.657+/-0.403 χ^2/NDF : 153036.7/8

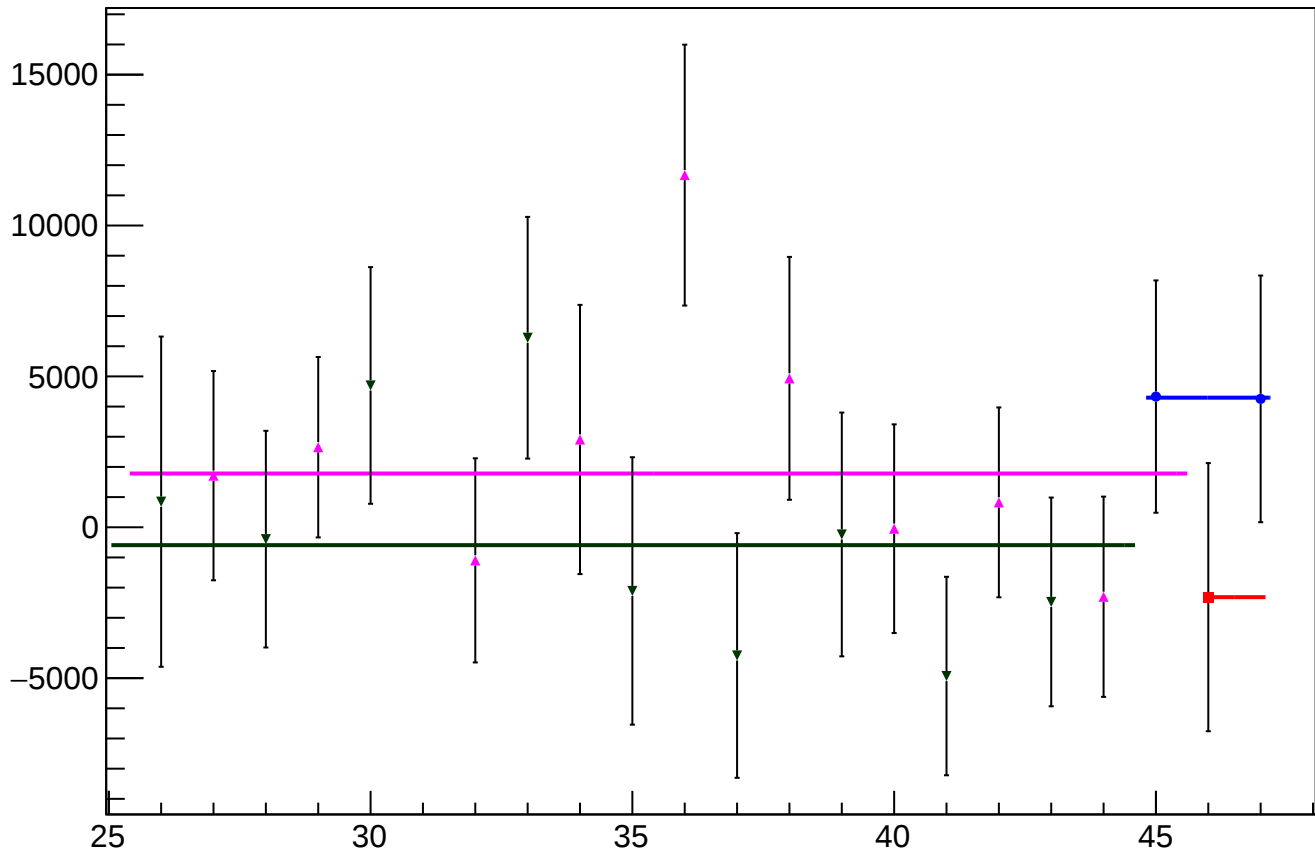
Right Out: 1026.938+/-1.274 χ^2/NDF : 0.0/0

Left In: 1273.541+/-0.386 χ^2/NDF : 174992.2/8

1263.172+/-0.377 χ^2/NDF : 231552.9/10

1252.829+/-0.369 χ^2/NDF : 209316.7/9

asym_sam6_mean vs slug



Right In: 4295.449+/-2802.283 χ^2/NDF : 0.0/1

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

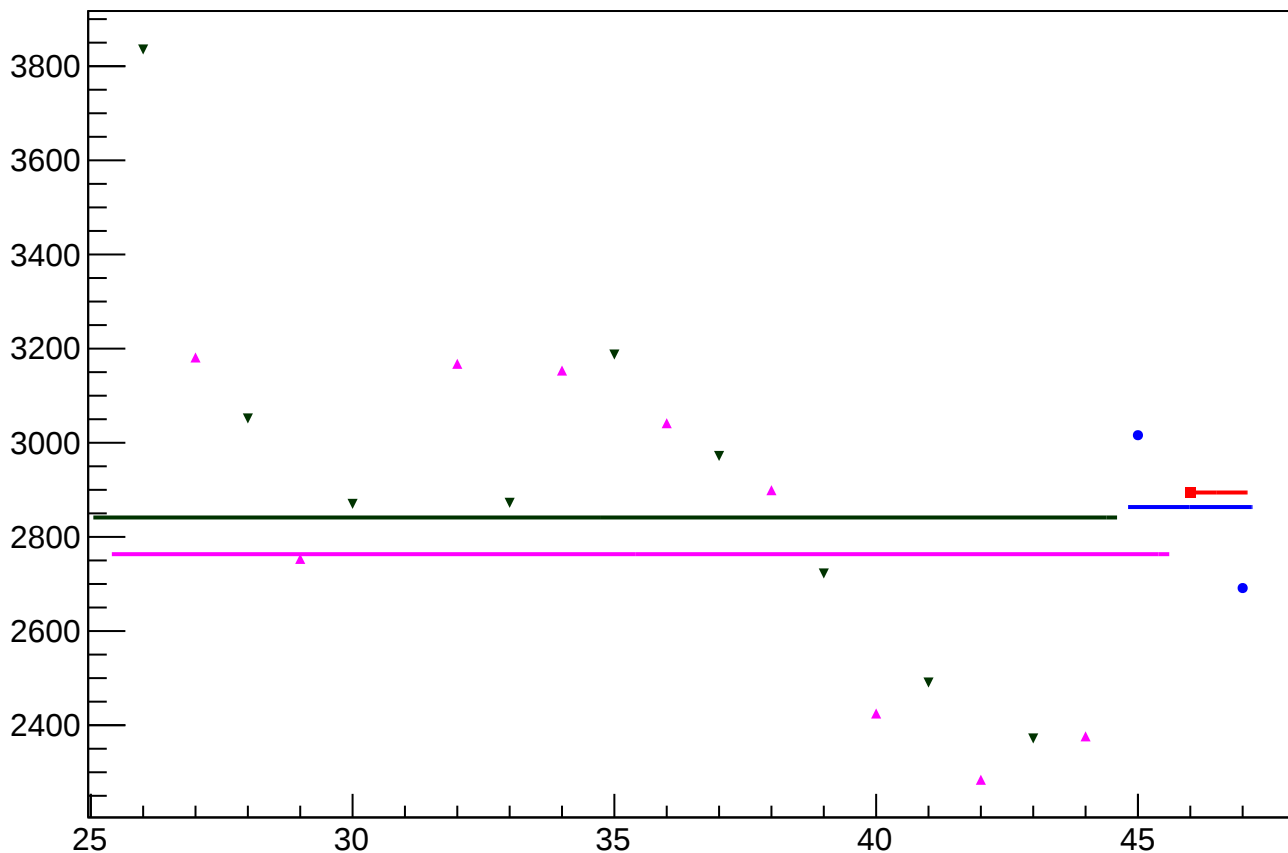
Right Out: -2316.156+/-4443.603 χ^2/NDF : 0.0/0

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

278.312+/-1182.823 χ^2/NDF : 10.3/10

1513.898+/-1136.600 χ^2/NDF : 9.4/9

asym_sam6_rms vs slug



Right In: 2863.439+/-1.982 χ^2/NDF : 6689.7/1

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

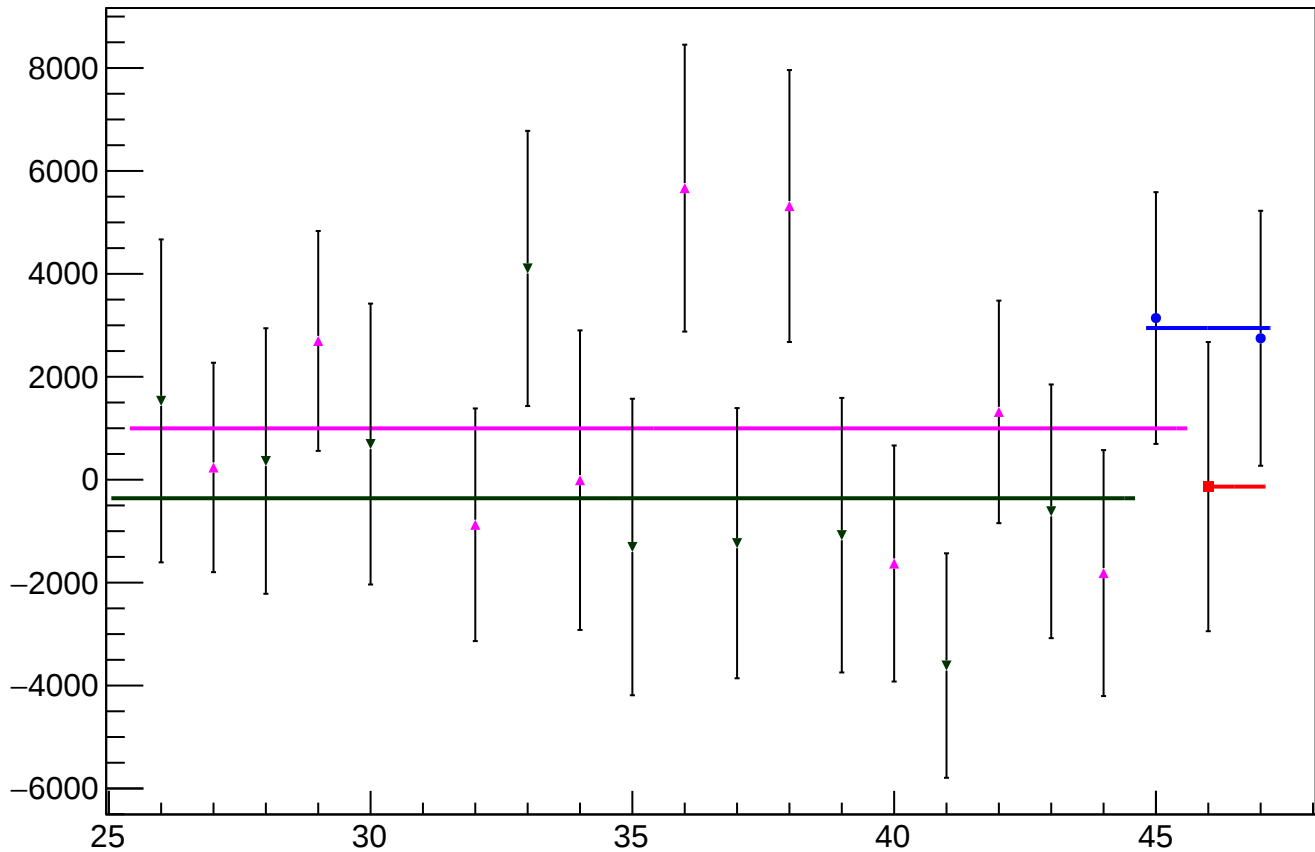
Right Out: 2894.331+/-3.142 χ^2/NDF : 0.0/0

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

2845.215+/-0.836 χ^2/NDF : 155493.2/10

2771.903+/-0.804 χ^2/NDF : 177930.2/9

asym_sam7_mean vs slug



Right In: 2947.596+/-1740.517 χ^2/NDF : 0.0/1

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

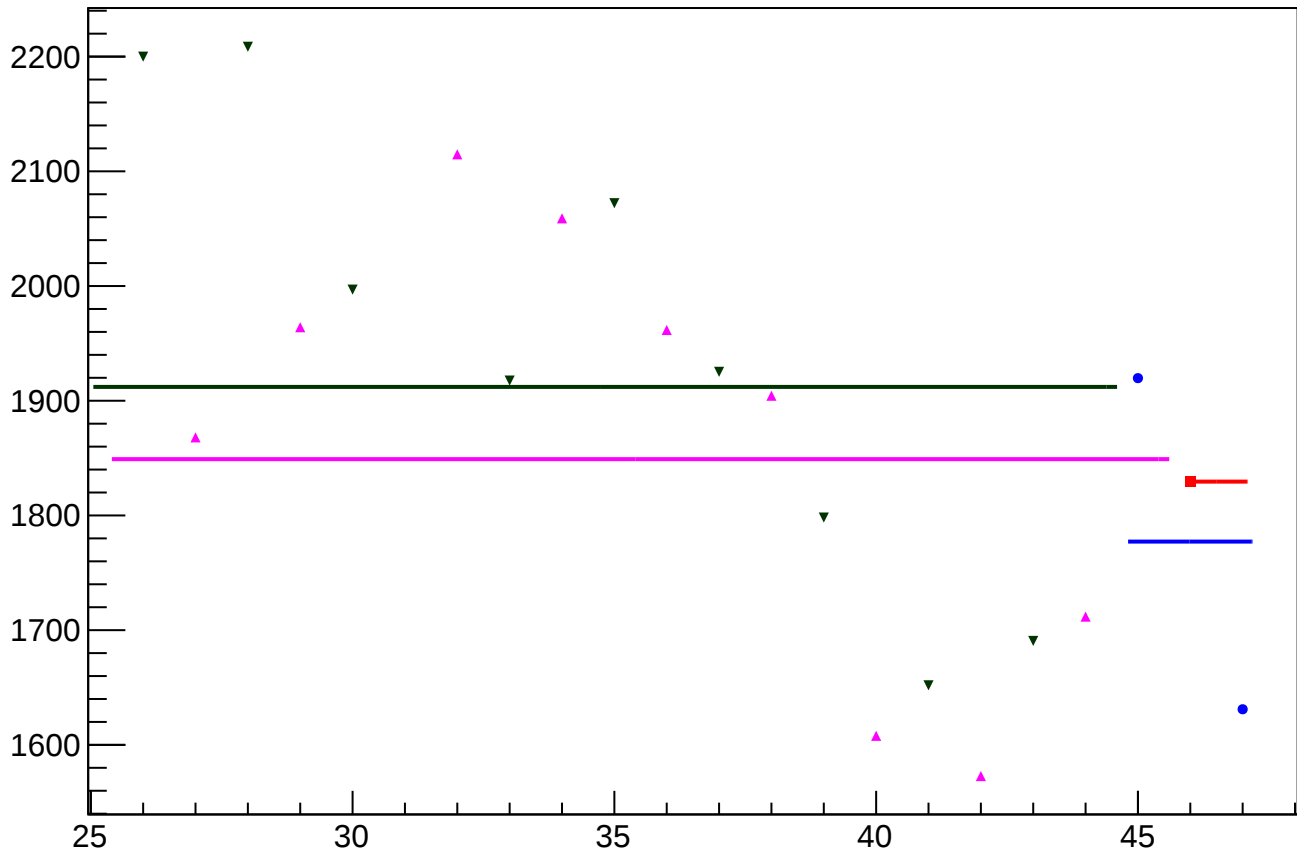
Right Out: -134.157+/-2809.686 χ^2/NDF : 0.0/0

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

306.795+/-781.602 χ^2/NDF : 8.8/10

915.638+/-755.547 χ^2/NDF : 9.9/9

asym_sam7_rms vs slug



Right In: 1777.219 ± 1.231 χ^2/NDF : 13750.0/1

Left Out: 1912.062 ± 0.619 χ^2/NDF : 99663.2/8

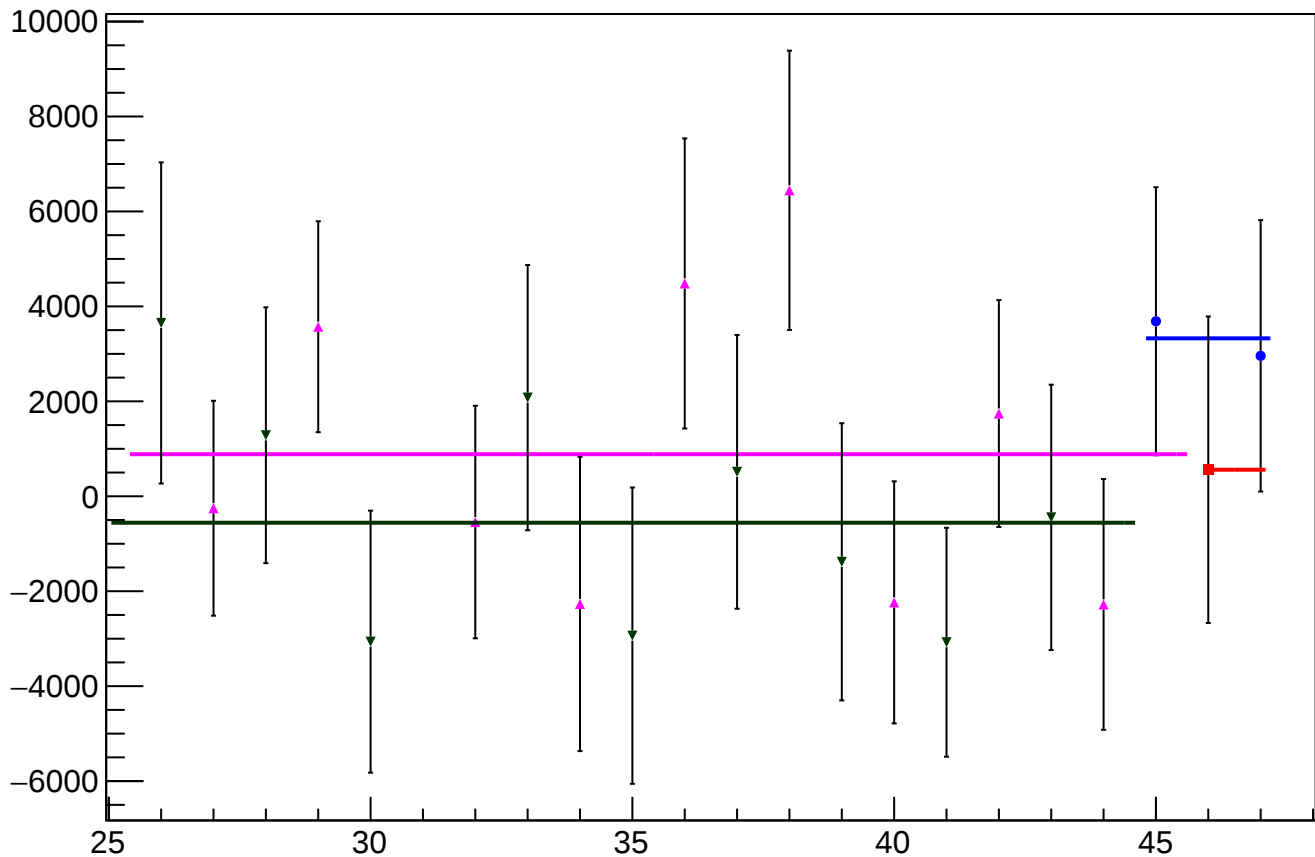
Right Out: 1829.497 ± 1.987 χ^2/NDF : 0.0/0

Left In: 1849.099 ± 0.555 χ^2/NDF : 109500.6/8

1884.870 ± 0.553 χ^2/NDF : 122996.6/10

1847.682 ± 0.534 χ^2/NDF : 109590.9/9

asym_sam8_mean vs slug



Right In: 3327.208 $\pm$ 2008.696 χ^2/NDF : 0.0/1

Left Out: -557.273 $\pm$ 942.969 χ^2/NDF : 5.6/8

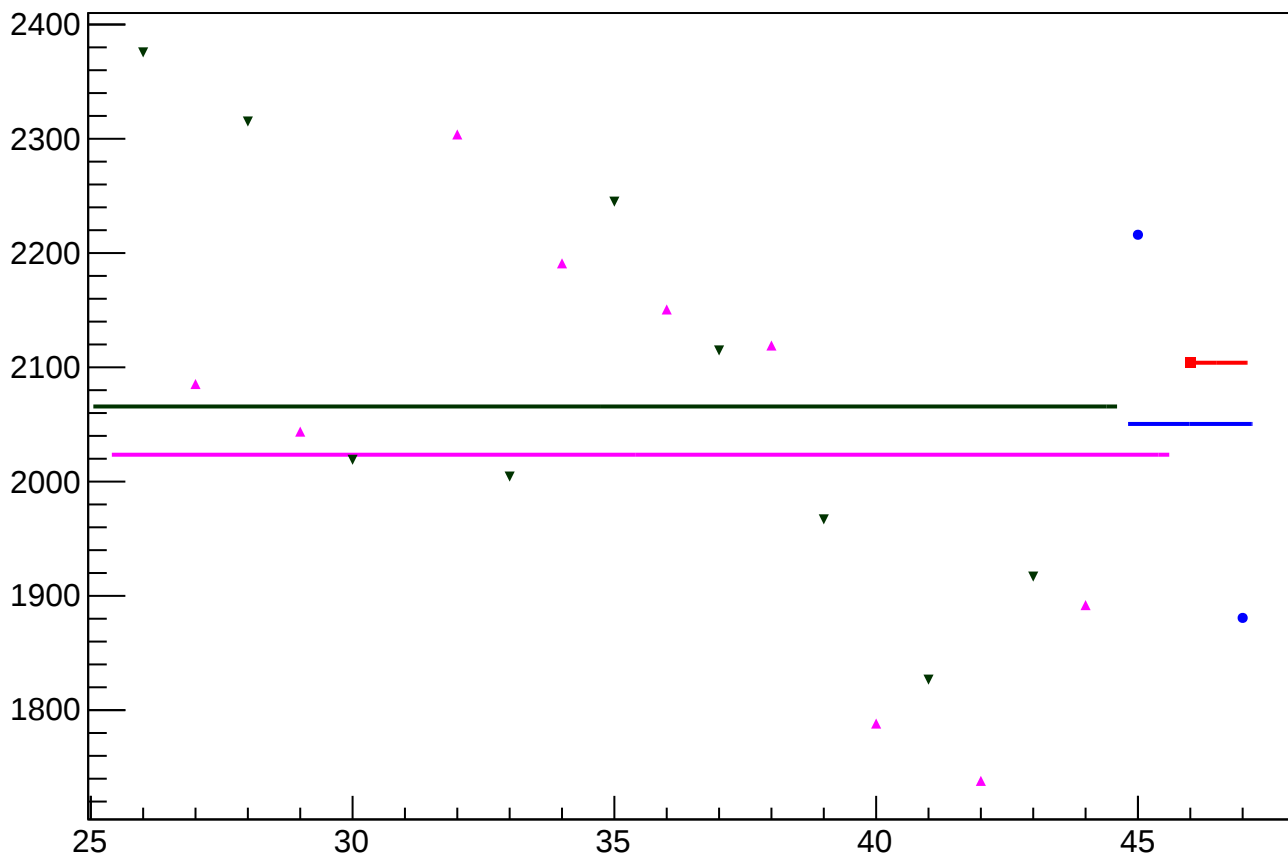
Right Out: 559.022 $\pm$ 3228.976 χ^2/NDF : 0.0/0

Left In: 886.158 $\pm$ 856.437 χ^2/NDF : 11.1/8

144.190 $\pm$ 853.592 χ^2/NDF : 8.7/10

864.656 $\pm$ 827.814 χ^2/NDF : 11.1/9

asym_sam8_rms vs slug



Right In: 2050.449+/-1.420 χ^2/NDF : 13929.0/1

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

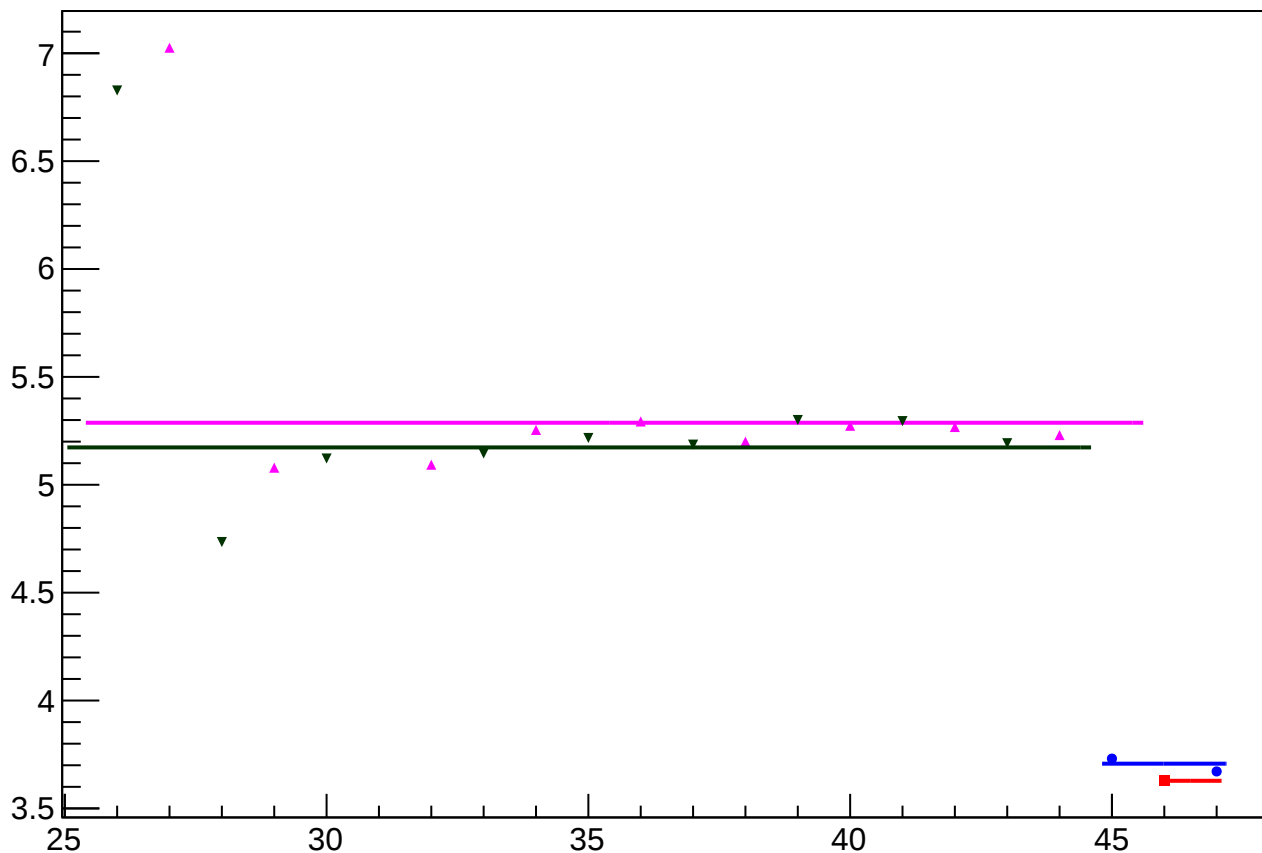
Right Out: 2104.017+/-2.283 χ^2/NDF : 0.0/0

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2062.971+/-0.604 χ^2/NDF : 84255.6/10

2028.809+/-0.585 χ^2/NDF : 90937.0/9

yield_sam1_mean vs slug



Right In: 3.707+/-0.000 χ^2/NDF : 4958924.8/1

Left Out: 5.173+/-0.000 χ^2/NDF :2171929405.9/8

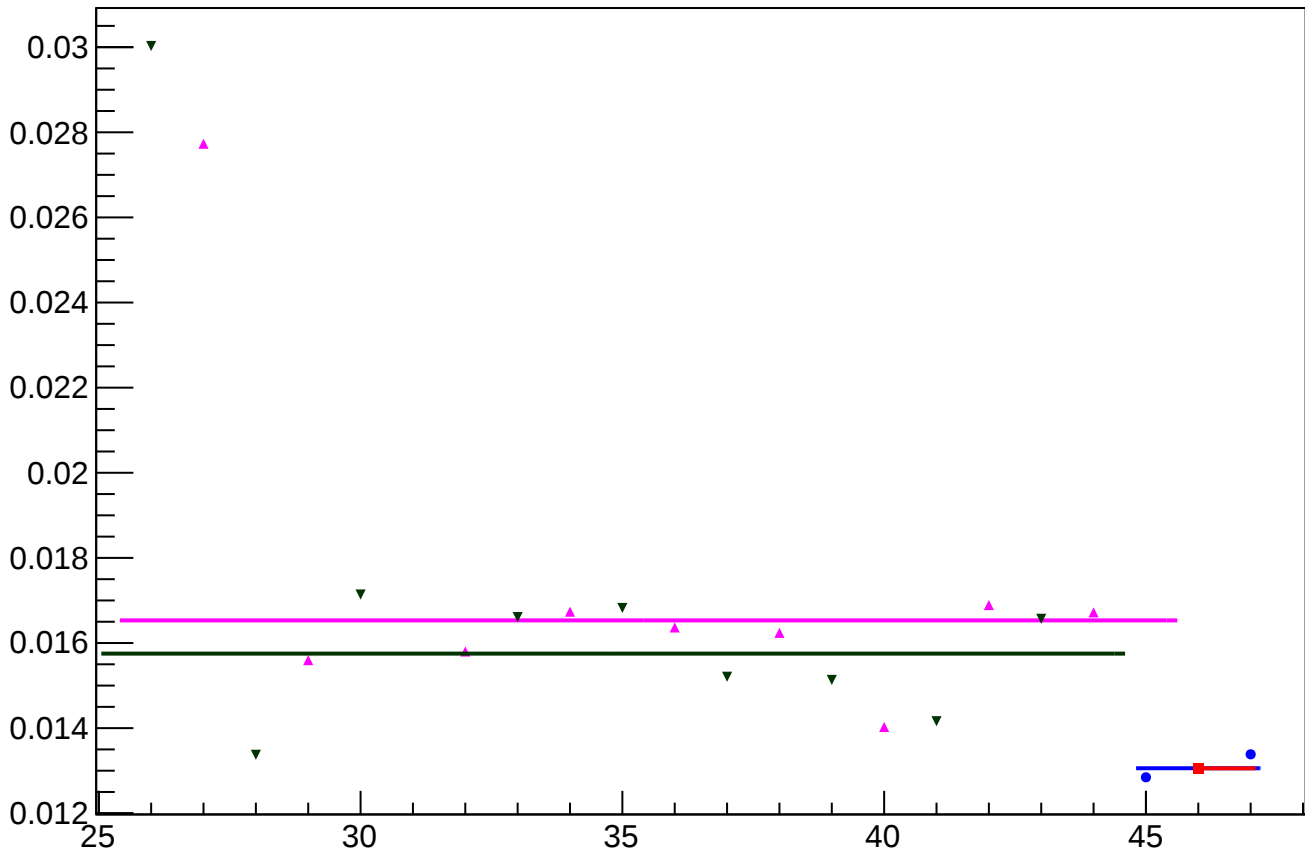
Right Out: 3.628+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.287+/-0.000 χ^2/NDF :3281292278.3/8

4.809+/-0.000 χ^2/NDF : 11670464535.4/10

5.109+/-0.000 χ^2/NDF : 8921381146.6/9

yield_sam1_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 818.0/1

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

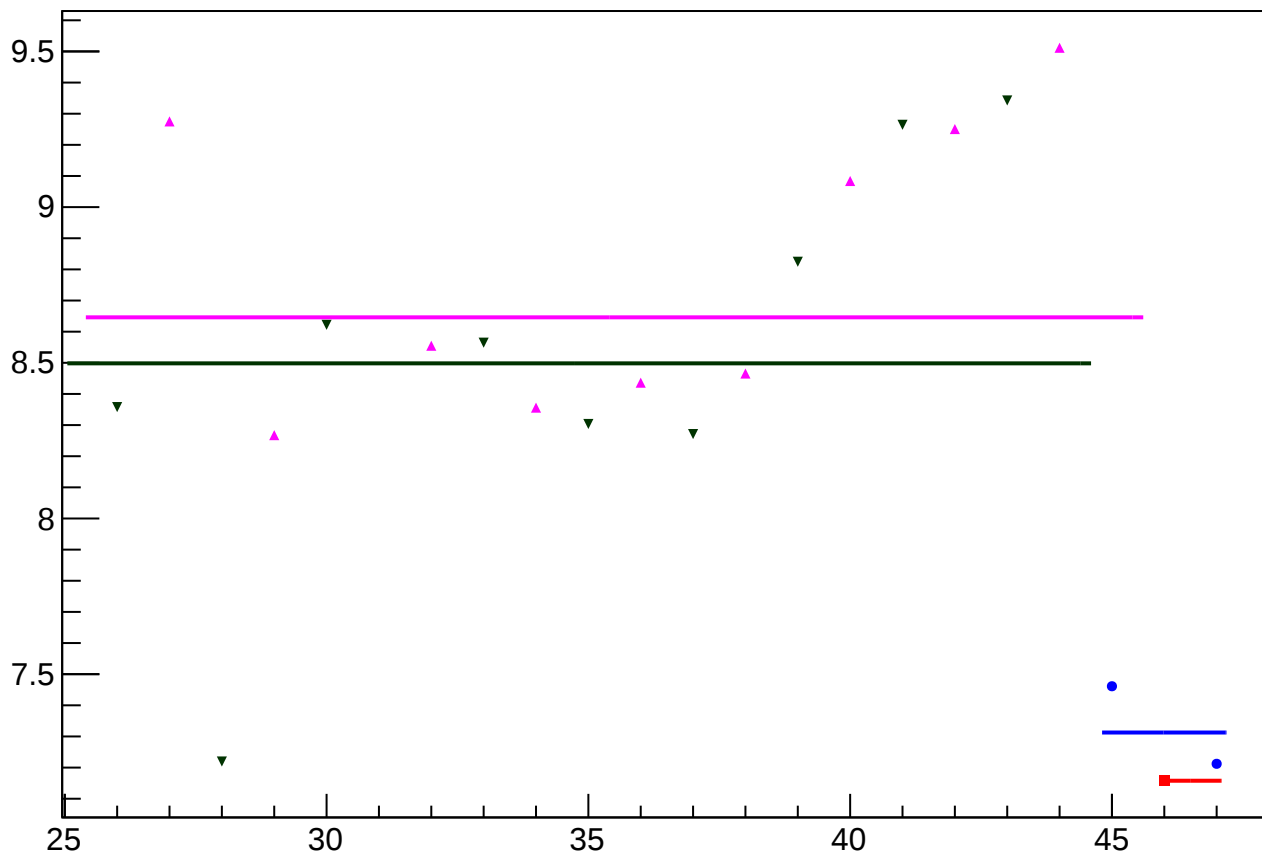
Right Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

0.015+/-0.000 χ^2/NDF : 350917.7/10

0.016+/-0.000 χ^2/NDF : 338313.0/9

yield_sam2_mean vs slug



Right In: 7.313+/-0.000 χ^2/NDF : 1322790.6/1

Left Out: 8.498+/-0.000 χ^2/NDF : 85994294.5/8

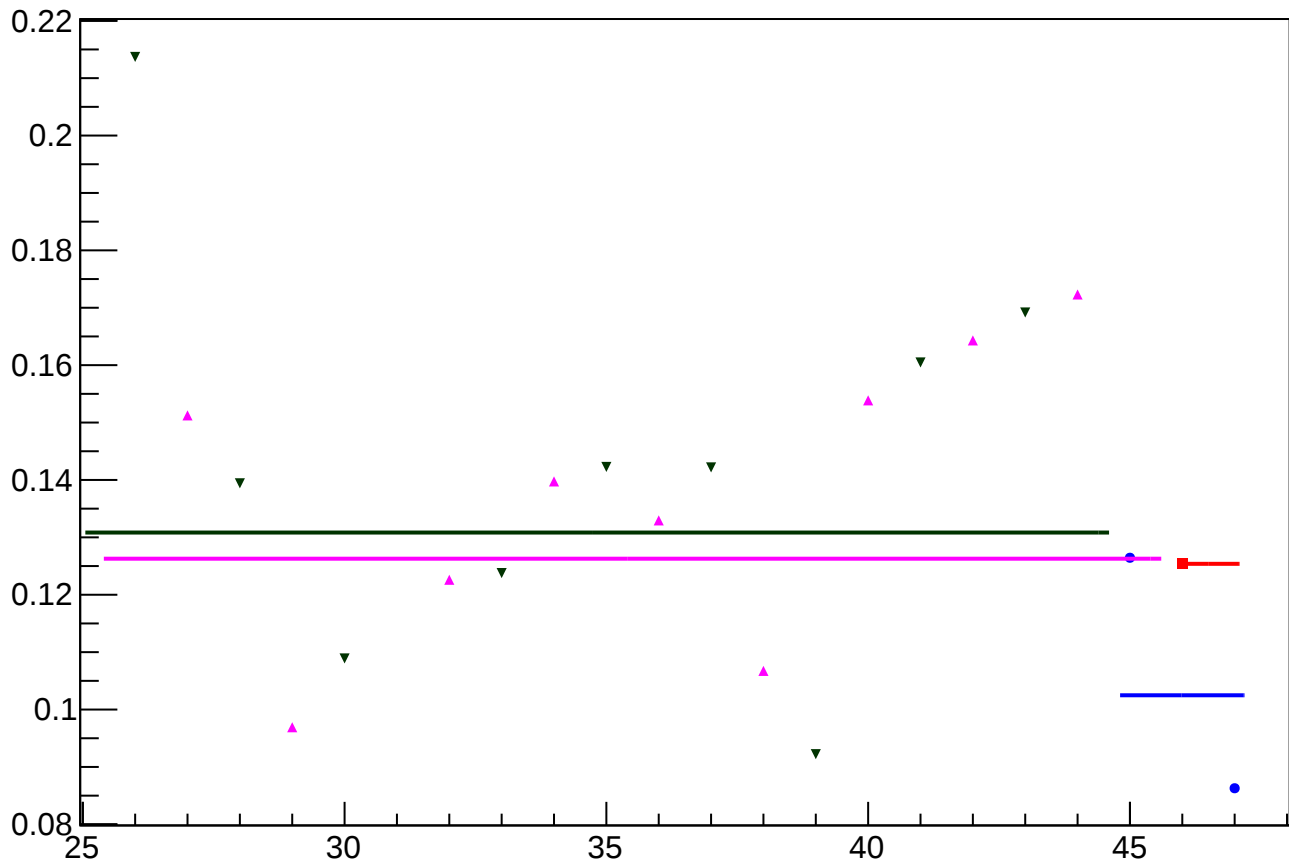
Right Out: 7.158+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.646+/-0.000 χ^2/NDF : 53836286.5/8

8.191+/-0.000 χ^2/NDF : 179569015.6/10

8.542+/-0.000 χ^2/NDF : 103260382.5/9

yield_sam2_rms vs slug



Right In: 0.102 $\pm$ 0.000 χ^2/NDF : 68763.4/1

Left Out: 0.131 $\pm$ 0.000 χ^2/NDF : 435345.2/8

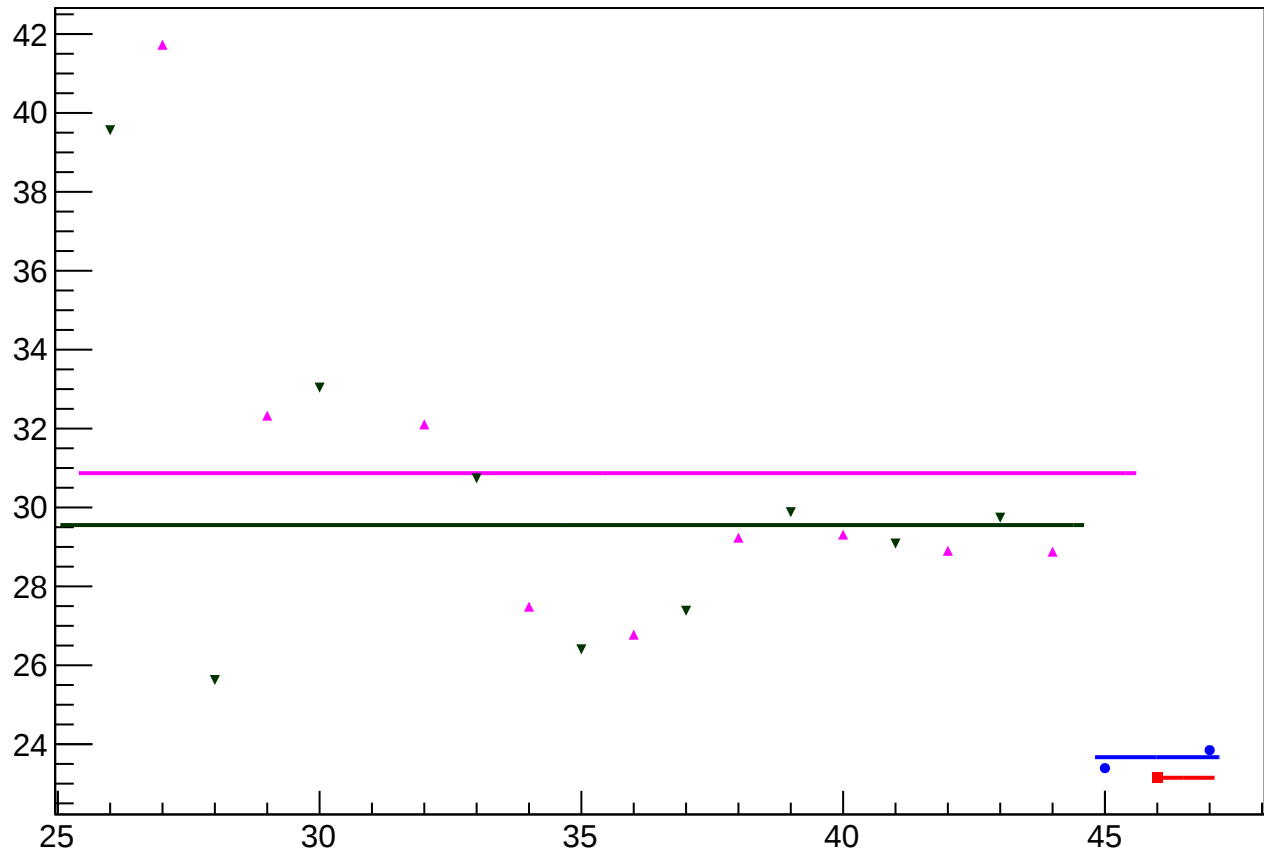
Right Out: 0.125 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.126 $\pm$ 0.000 χ^2/NDF : 385323.8/8

0.123 $\pm$ 0.000 χ^2/NDF : 609609.7/10

0.126 $\pm$ 0.000 χ^2/NDF : 385359.5/9

yield_sam3_mean vs slug



Right In: 23.670+/-0.000 χ^2/NDF : 264200.6/1

Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

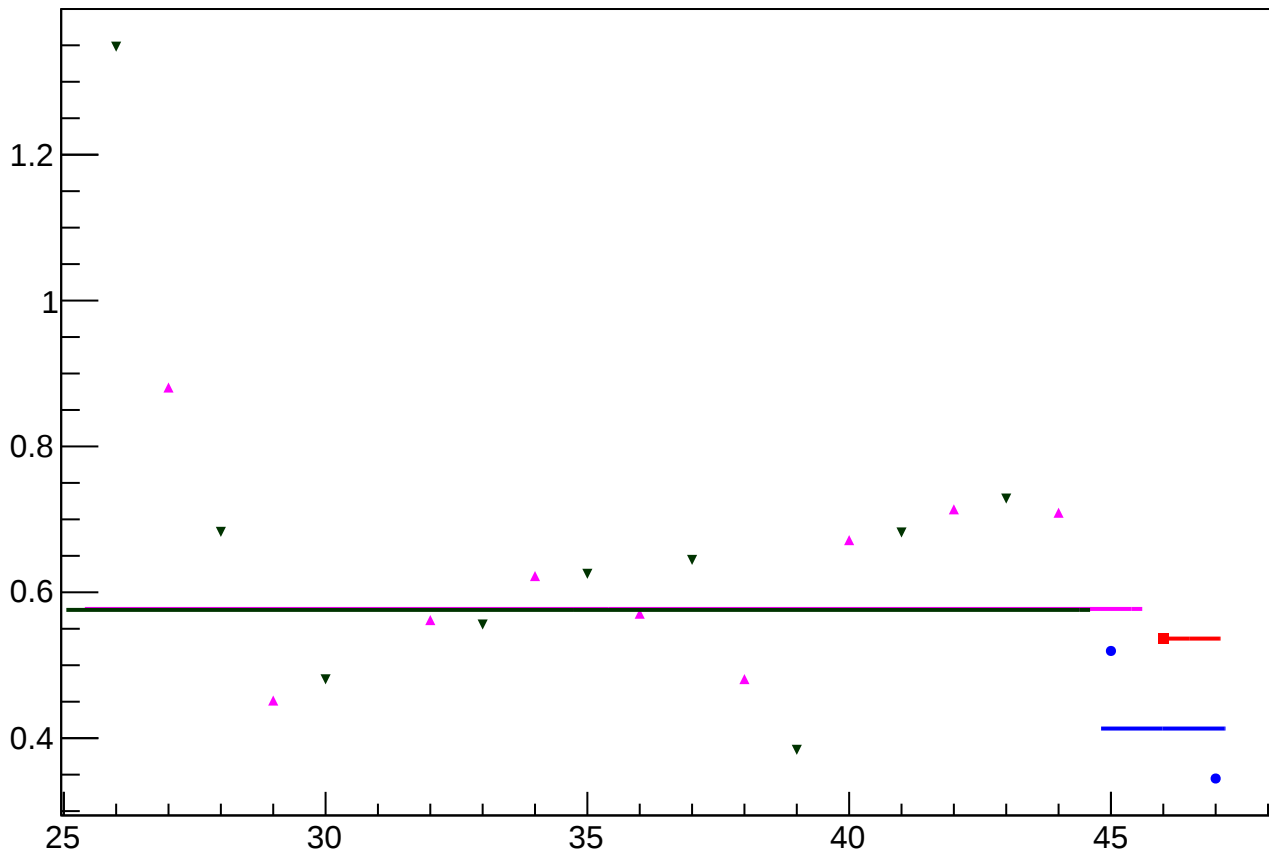
Right Out: 23.149+/-0.001 χ^2/NDF : 0.0/0

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

27.809+/-0.000 χ^2/NDF : 223235827.8/10

30.263+/-0.000 χ^2/NDF : 250002265.2/9

yield_sam3_rms vs slug



Right In: 0.413+/-0.000 χ^2/NDF : 77715.9/1

Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

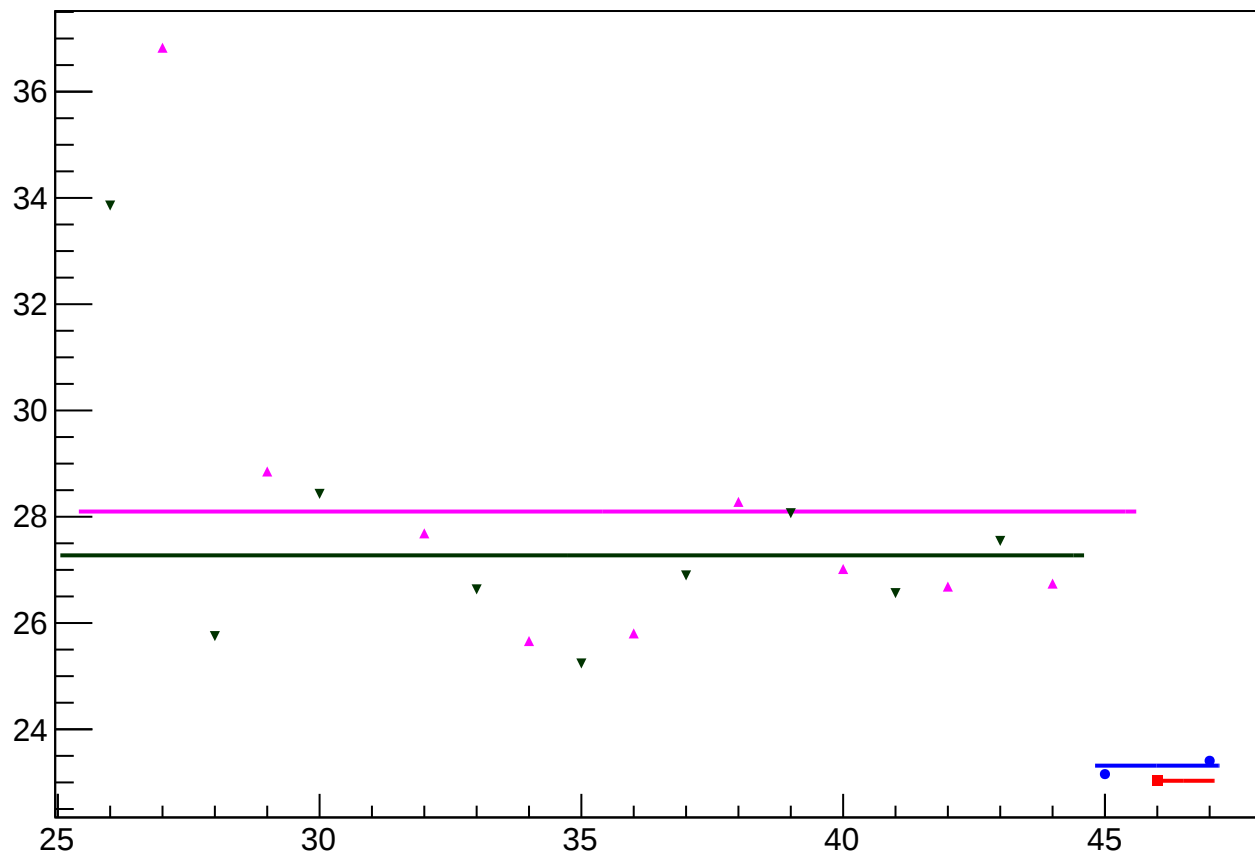
Right Out: 0.537+/-0.001 χ^2/NDF : 0.0/0

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

0.528+/-0.000 χ^2/NDF : 947898.1/10

0.574+/-0.000 χ^2/NDF : 432835.8/9

yield_sam4_mean vs slug



Right In: 23.316+/-0.000 χ^2/NDF : 254428.0/1

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

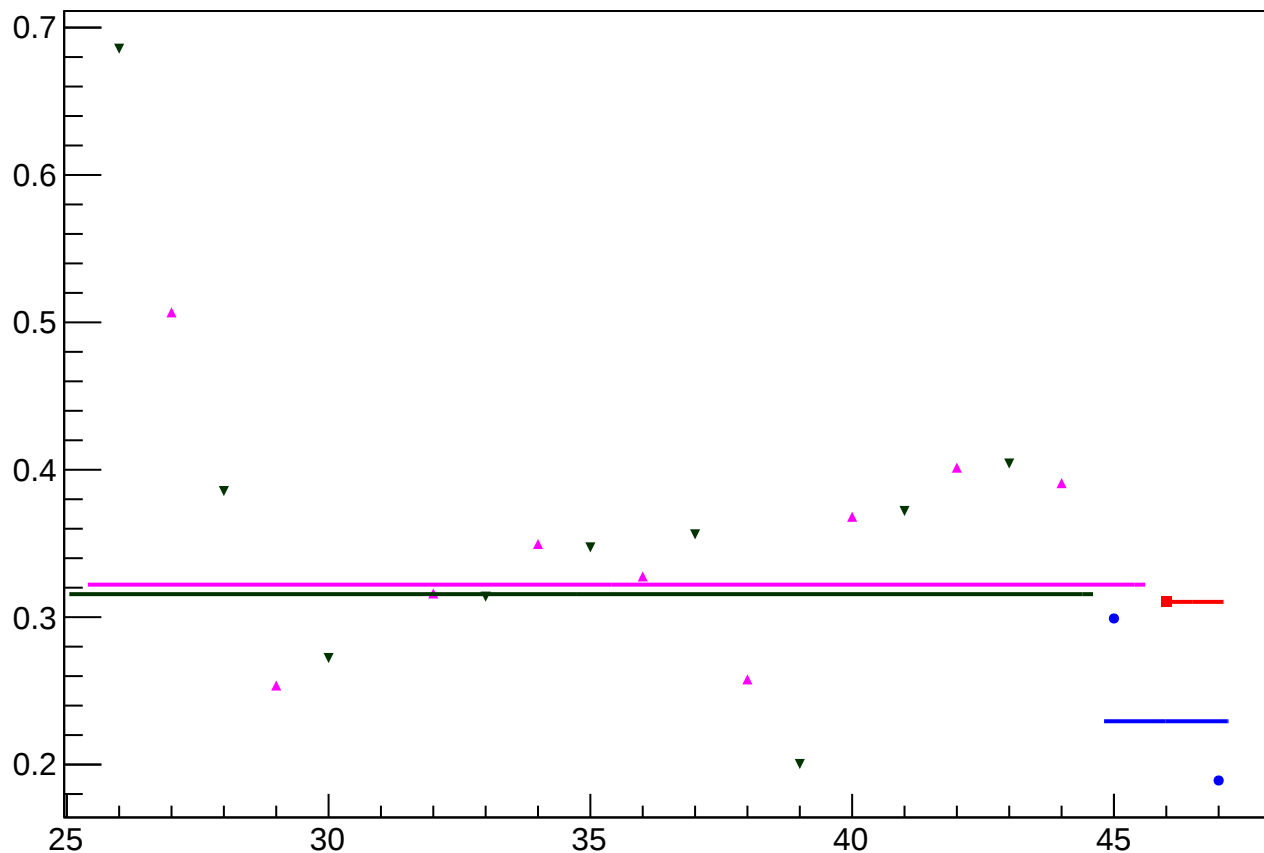
Right Out: 23.031+/-0.001 χ^2/NDF : 0.0/0

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

26.125+/-0.000 χ^2/NDF : 285451886.5/10

27.724+/-0.000 χ^2/NDF : 387941245.6/9

yield_sam4_rms vs slug



Right In: 0.229+/-0.000 χ^2/NDF : 97519.3/1

Left Out: 0.316+/-0.000 χ^2/NDF : 711532.8/8

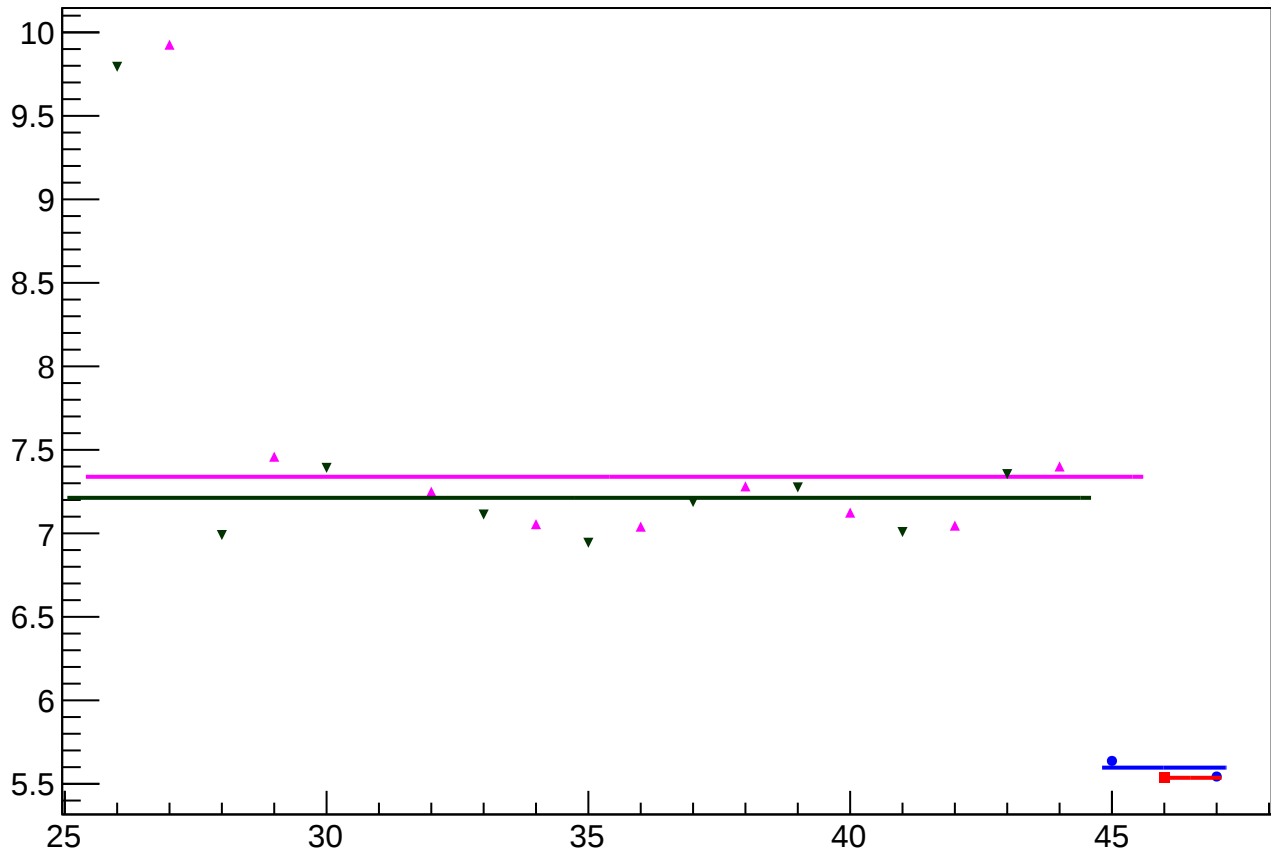
Right Out: 0.310+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.322+/-0.000 χ^2/NDF : 461575.4/8

0.291+/-0.000 χ^2/NDF : 992709.5/10

0.321+/-0.000 χ^2/NDF : 462553.4/9

yield_sam5_mean vs slug



Right In: 5.597+/-0.000 χ^2/NDF : 7457210.7/1

Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

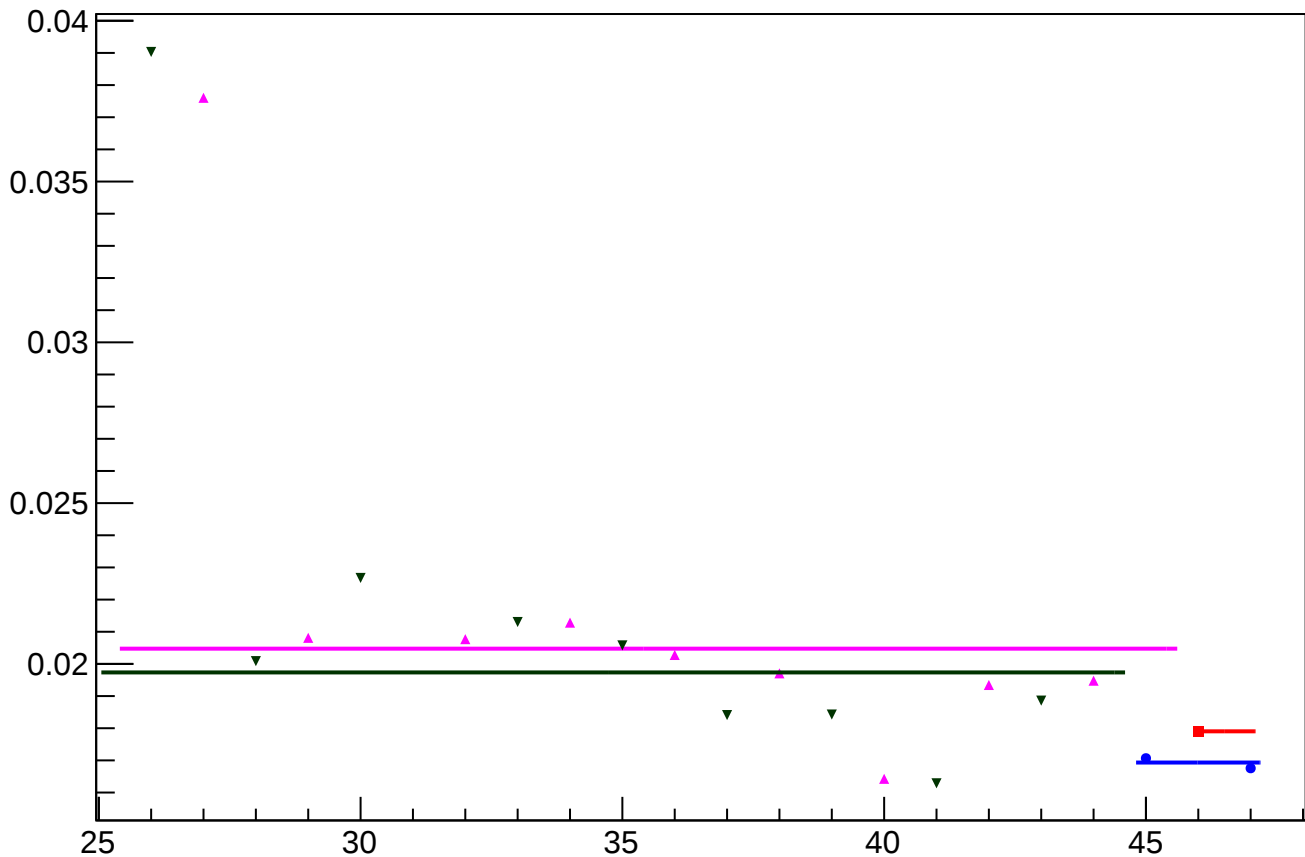
6.834+/-0.000 χ^2/NDF : 9388304962.8/10

Right Out: 5.536+/-0.000 χ^2/NDF : 0.0/0

7.176+/-0.000 χ^2/NDF : 7611708017.7/9

Left In: 7.339+/-0.000 χ^2/NDF : 4002199265.2/8

yield_sam5_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 164.8/1

Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

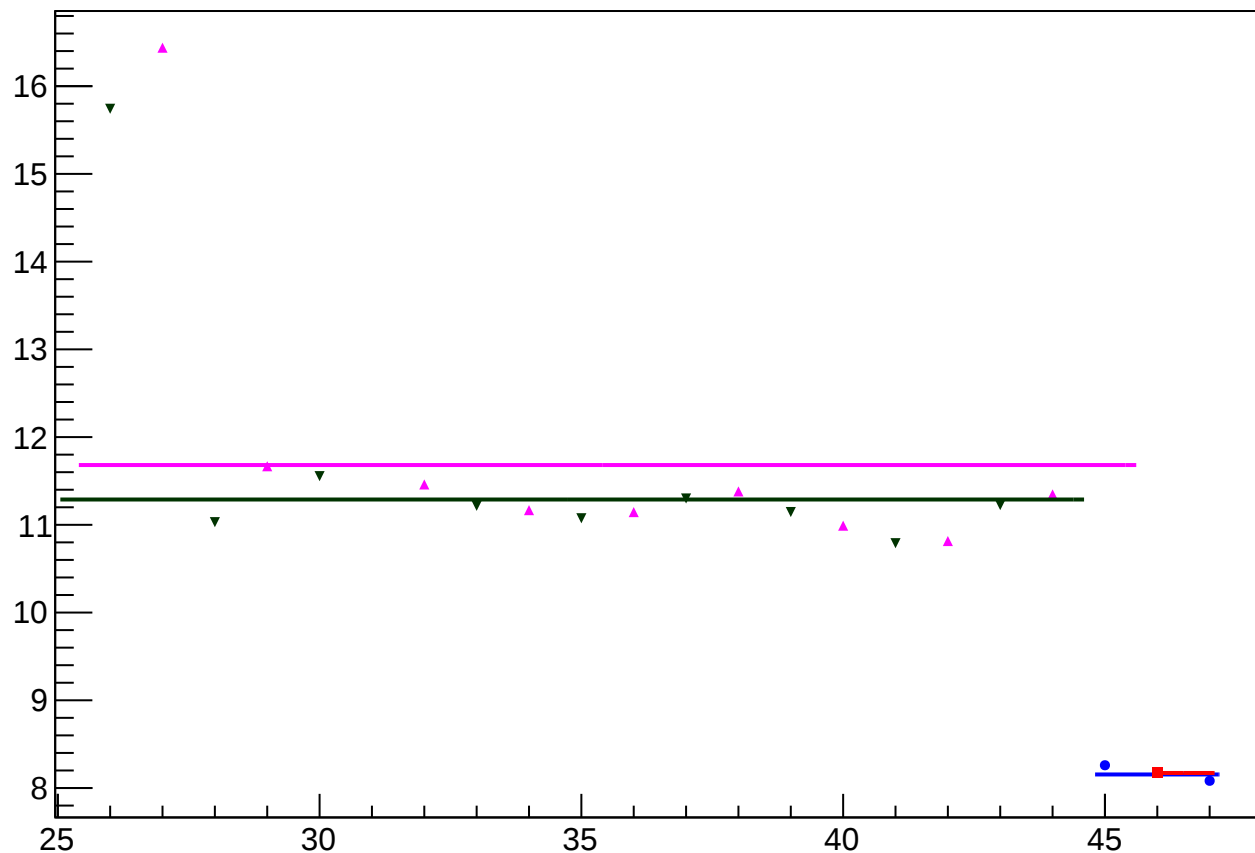
0.019+/-0.000 χ^2/NDF : 362844.0/10

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: 8.155+/-0.000 χ^2/NDF : 3043912.8/1

Left Out: 11.289+/-0.000 χ^2/NDF :475112866.3/8

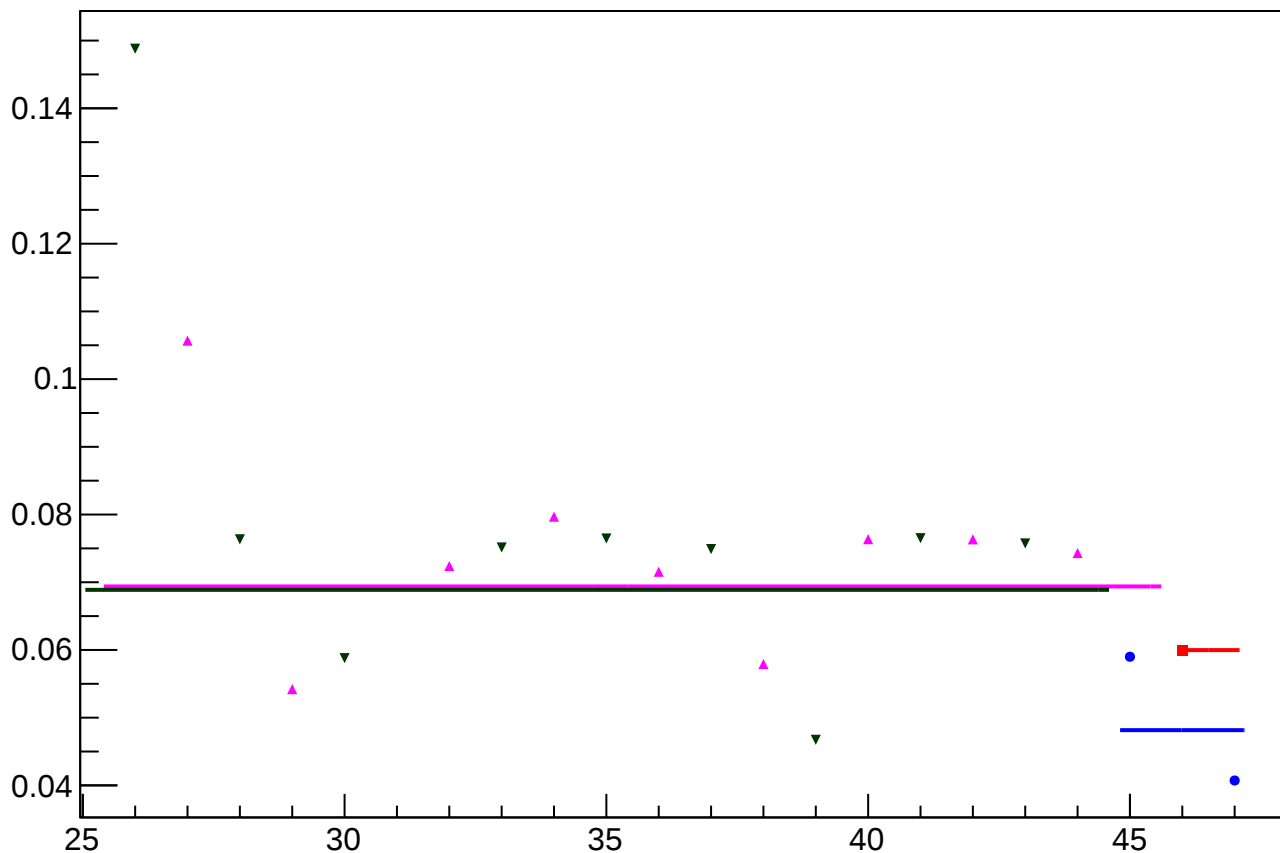
Right Out: 8.172+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.681+/-0.000 χ^2/NDF :1757981772.9/8

10.322+/-0.000 χ^2/NDF : 3205638961.6/10

11.364+/-0.000 χ^2/NDF : 2937666185.8/9

yield_sam6_rms vs slug



Right In: 0.048+/-0.000 χ^2/NDF : 64699.0/1

Left Out: 0.069+/-0.000 χ^2/NDF : 542333.9/8

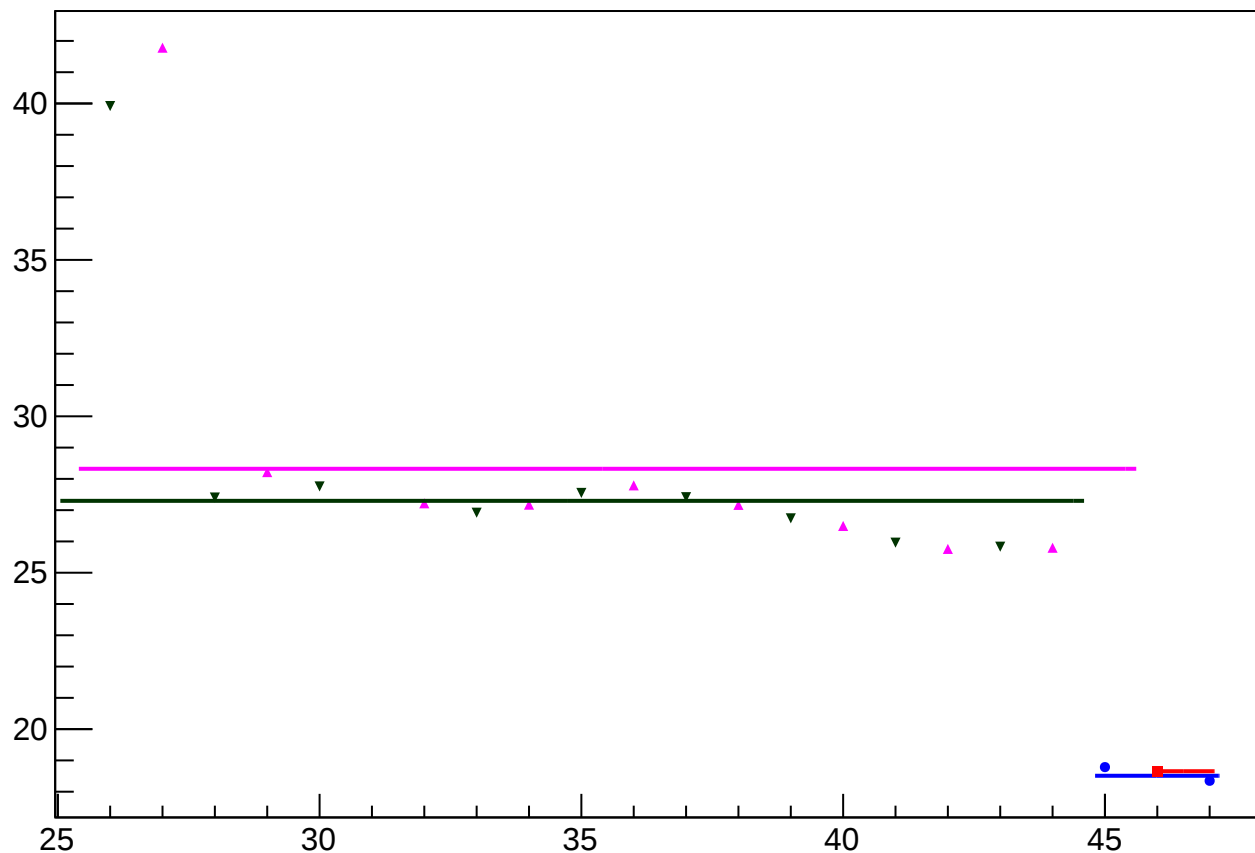
Right Out: 0.060+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

0.062+/-0.000 χ^2/NDF : 845543.1/10

0.069+/-0.000 χ^2/NDF : 399643.9/9

yield_sam7_mean vs slug



Right In: 18.509 ± 0.000 χ^2/NDF : 10935491.9/1

Left Out: 27.298 ± 0.000 χ^2/NDF : 1975060613.1/8

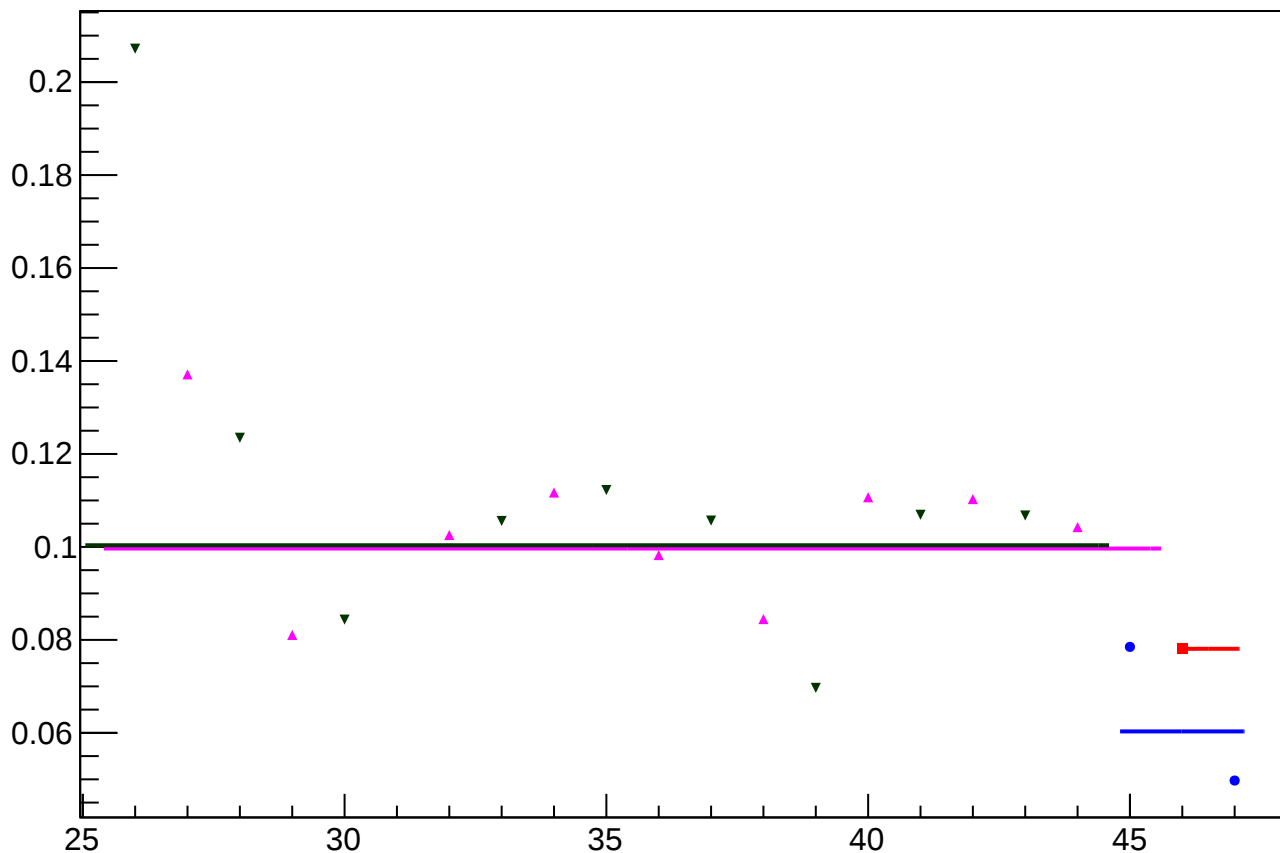
Right Out: 18.655 ± 0.000 χ^2/NDF : 0.0/0

Left In: 28.322 ± 0.000 χ^2/NDF : 8116696622.8/8

24.059 ± 0.000 χ^2/NDF : 13956177398.6/10

27.297 ± 0.000 χ^2/NDF : 13166852513.6/9

yield_sam7_rms vs slug



Right In: 0.060+/-0.000 χ^2/NDF : 94344.2/1

Left Out: 0.100+/-0.000 χ^2/NDF : 509899.4/8

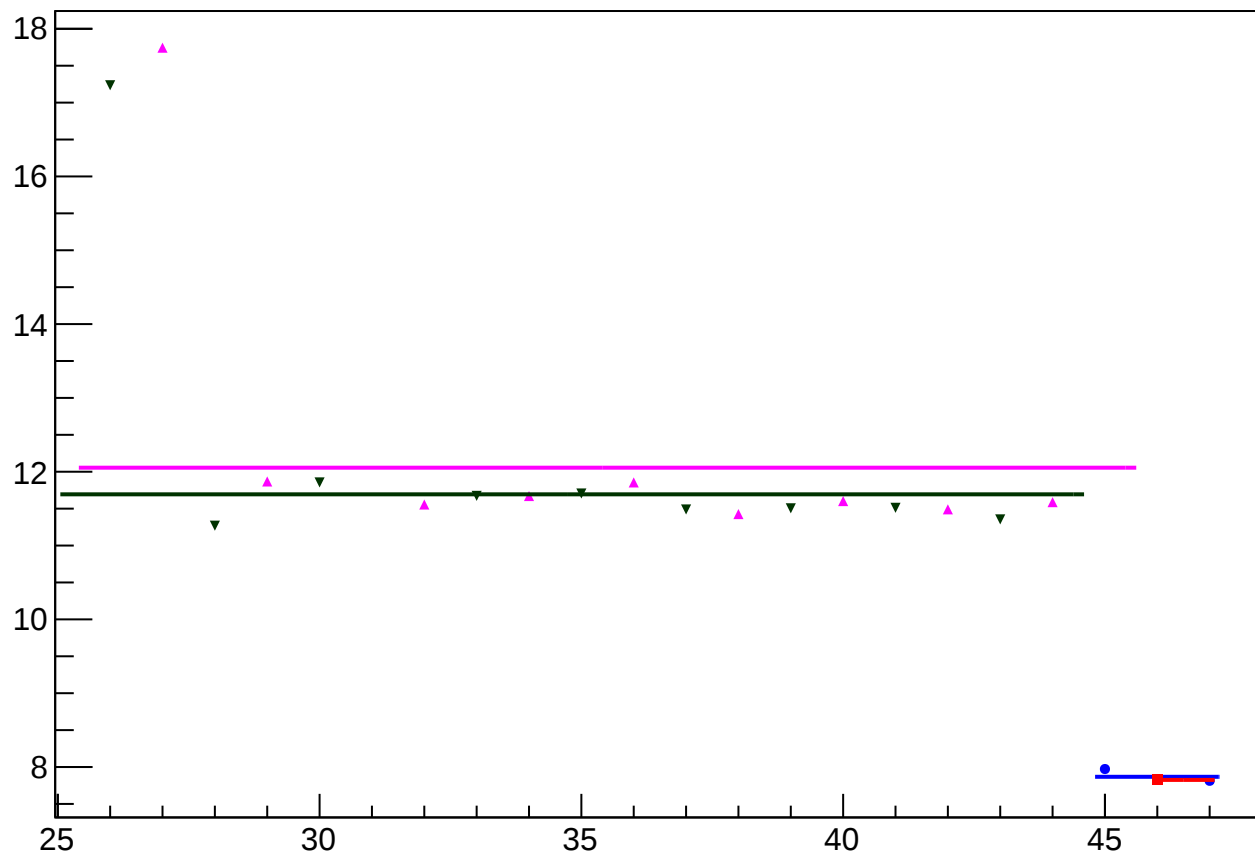
Right Out: 0.078+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.100+/-0.000 χ^2/NDF : 255418.8/8

0.086+/-0.000 χ^2/NDF : 1101468.8/10

0.097+/-0.000 χ^2/NDF : 305676.8/9

yield_sam8_mean vs slug



Right In: 7.868 $\pm$ 0.000 χ^2 /NDF: 6329114.6/1

Left Out: 11.694 $\pm$ 0.000 χ^2 /NDF:1571804703.3/8

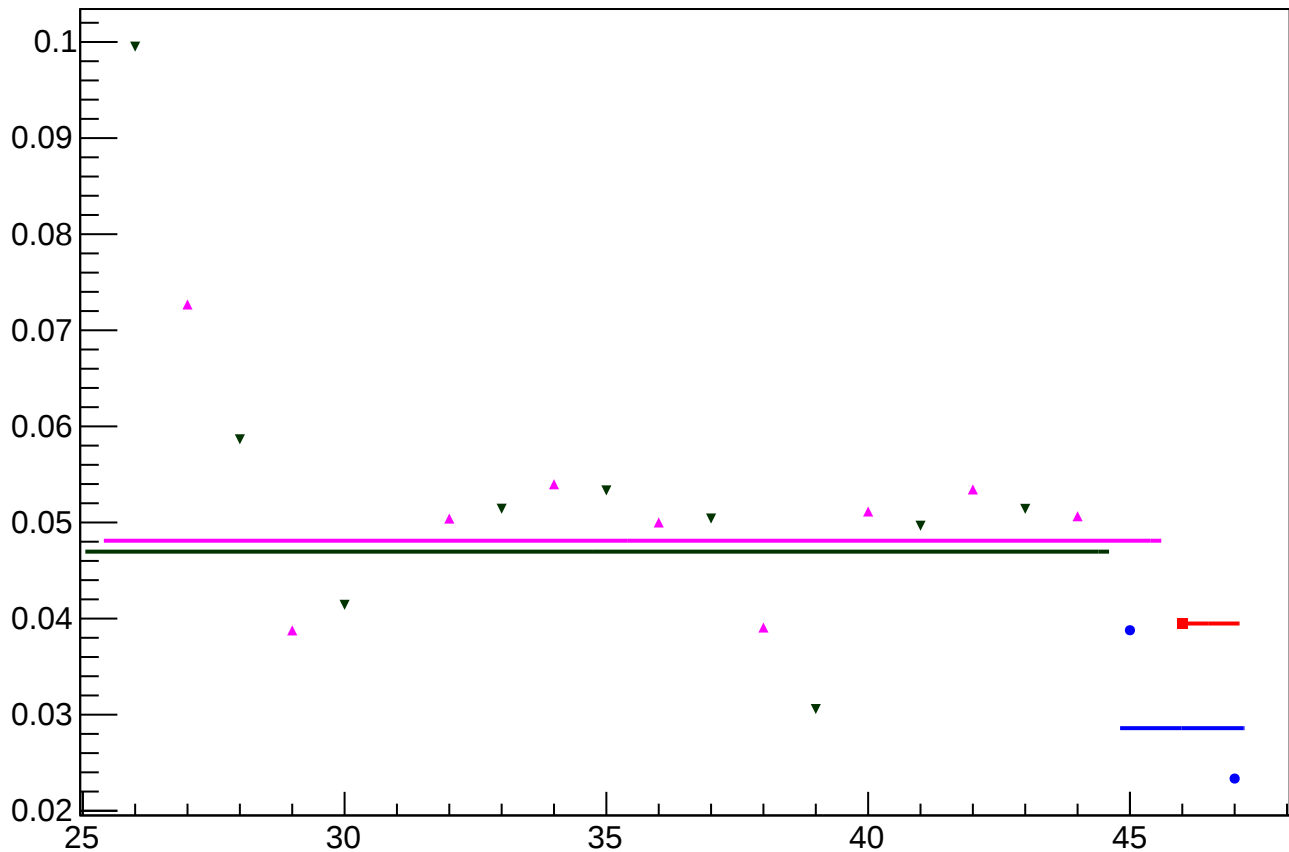
Right Out: 7.825 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 12.055 $\pm$ 0.000 χ^2 /NDF:5109226136.0/8

10.307 $\pm$ 0.000 χ^2 /NDF: 11939918005.3/10

11.638 $\pm$ 0.000 χ^2 /NDF: 8984508746.0/9

yield_sam8_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 118650.9/1

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

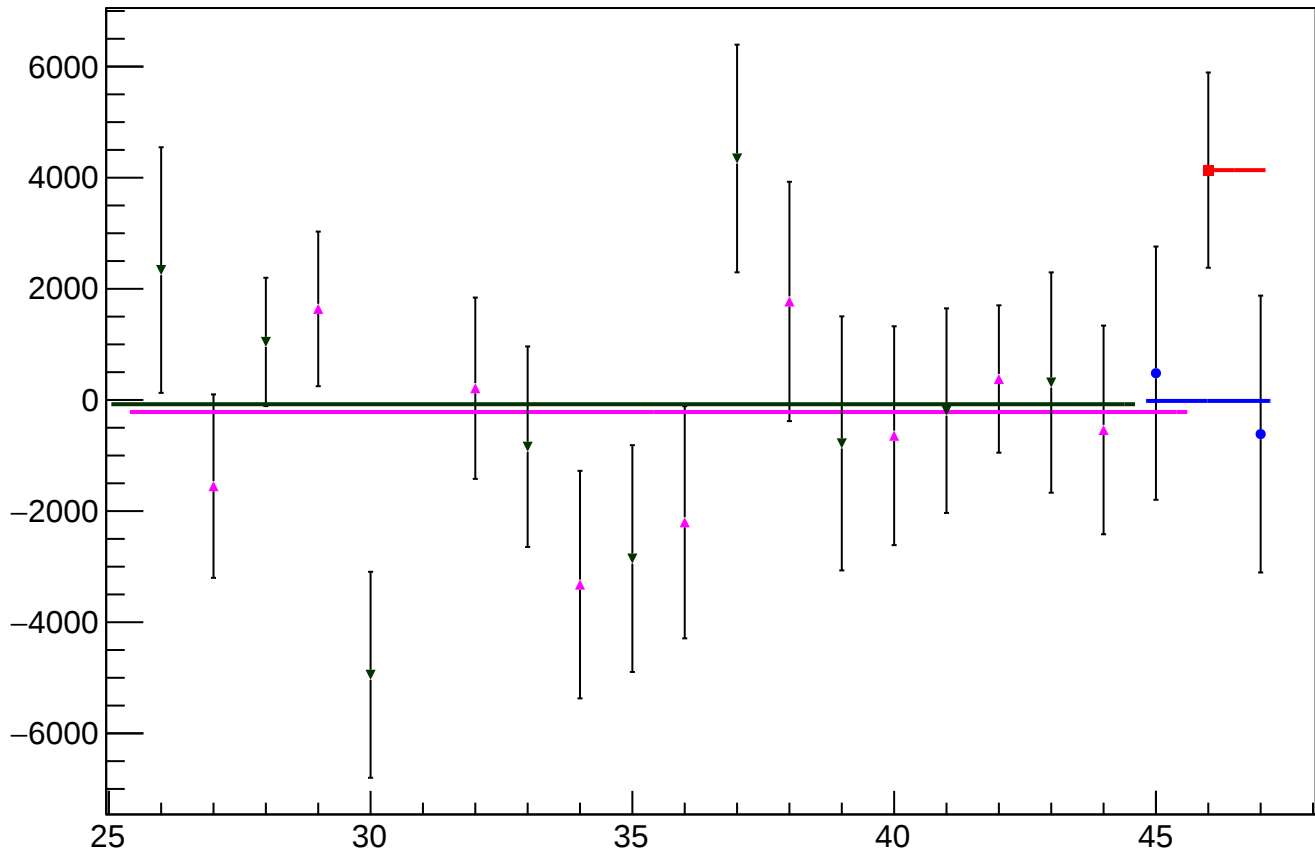
Right Out: 0.039+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.040+/-0.000 χ^2/NDF : 1208442.7/10

0.047+/-0.000 χ^2/NDF : 380945.9/9

cor_sam1_mean vs slug



Right In: -16.986 ± 1681.508 χ^2/NDF : 0.1/1

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

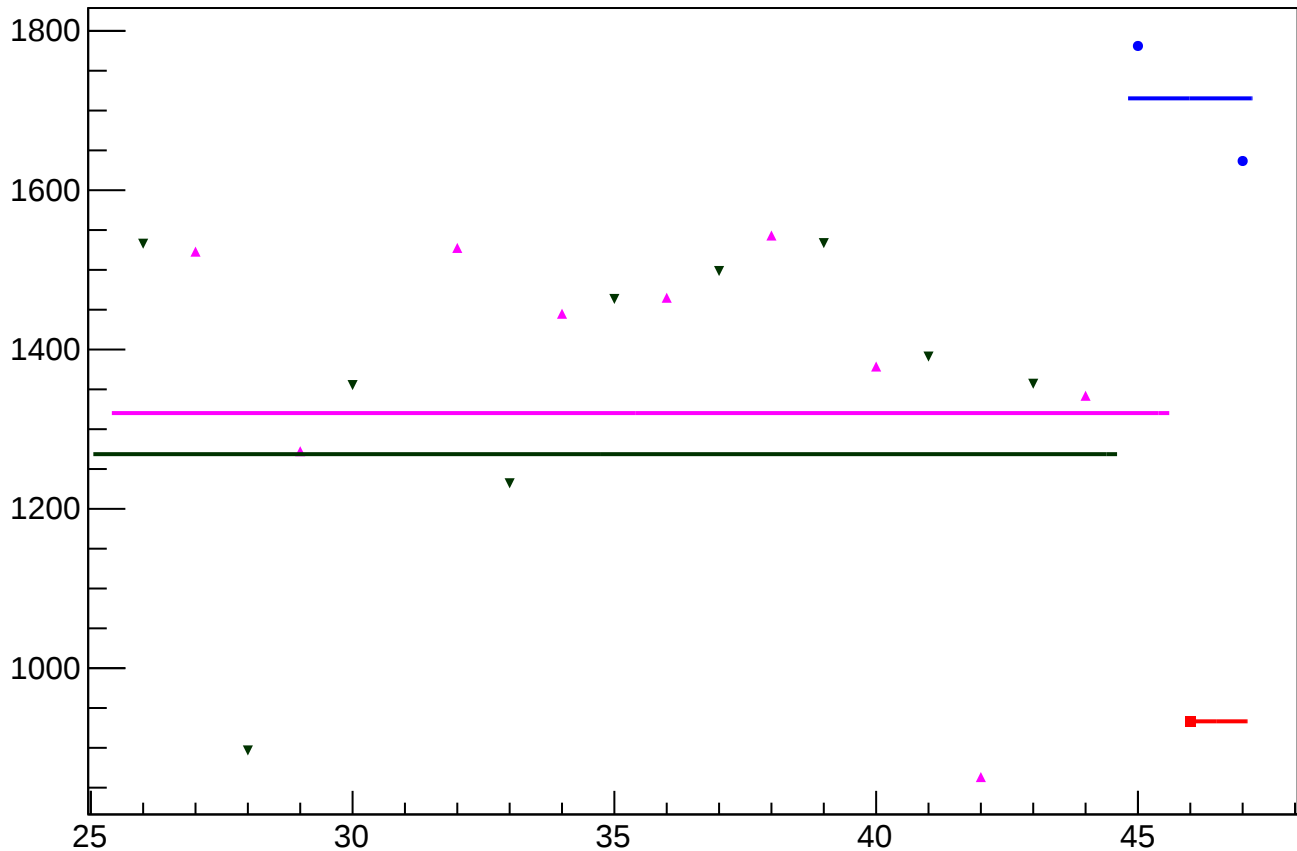
Right Out: 4136.402 ± 1757.159 χ^2/NDF : 0.0/0

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-69.755 ± 565.614 χ^2/NDF : 16.0/10

200.717 ± 544.207 χ^2/NDF : 12.4/9

cor_sam1_rms vs slug



Right In: 1715.313+/-1.189 χ^2/NDF : 3659.1/1

Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

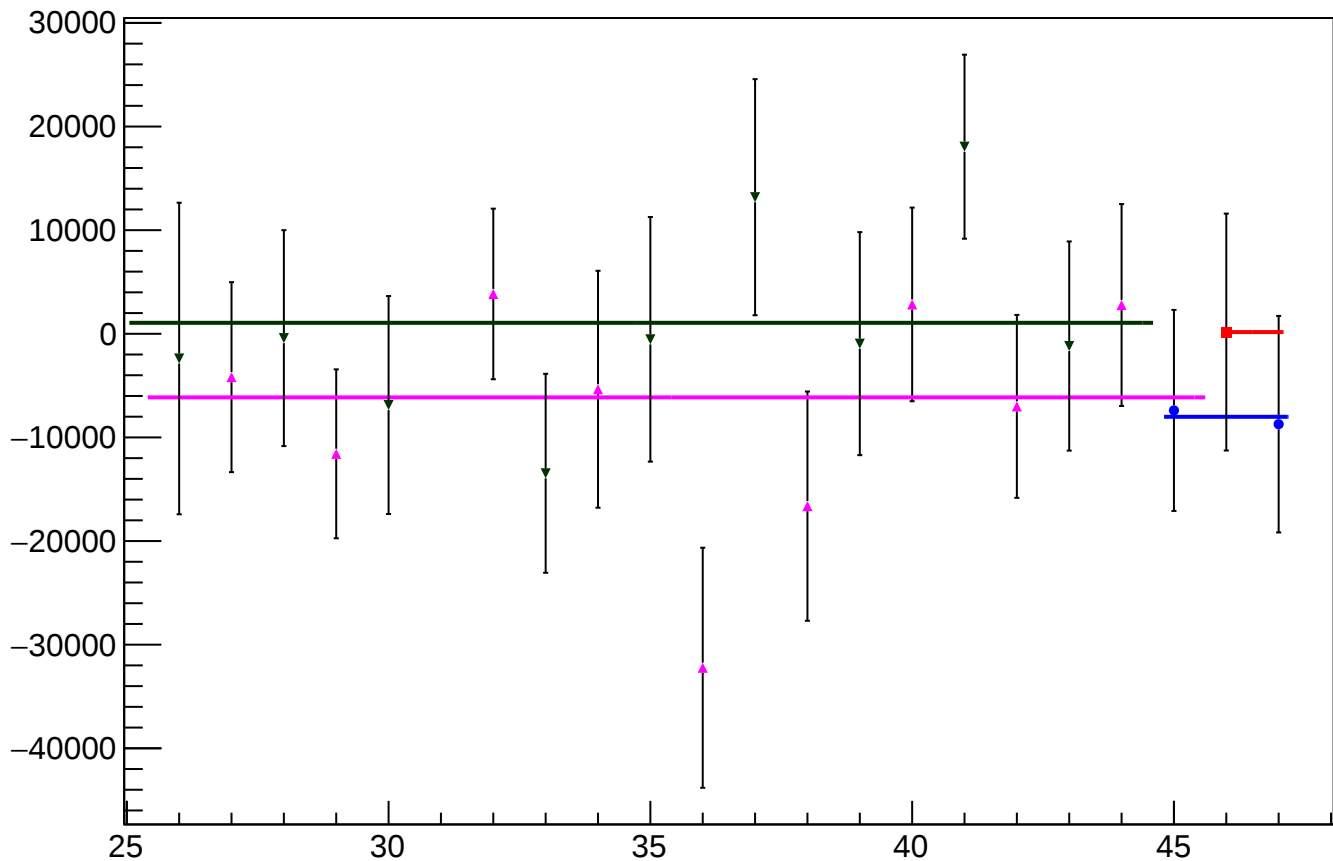
Right Out: 933.263+/-1.242 χ^2/NDF : 0.0/0

Left In: 1320.223+/-0.405 χ^2/NDF : 342759.8/8

1319.196+/-0.400 χ^2/NDF : 453207.6/10

1283.106+/-0.385 χ^2/NDF : 430449.3/9

cor_sam2_mean vs slug



Right In: -8009.058+/-7108.704 χ^2 /NDF: 0.0/1

Left Out: 1060.376+/-3545.636 χ^2 /NDF: 7.8/8

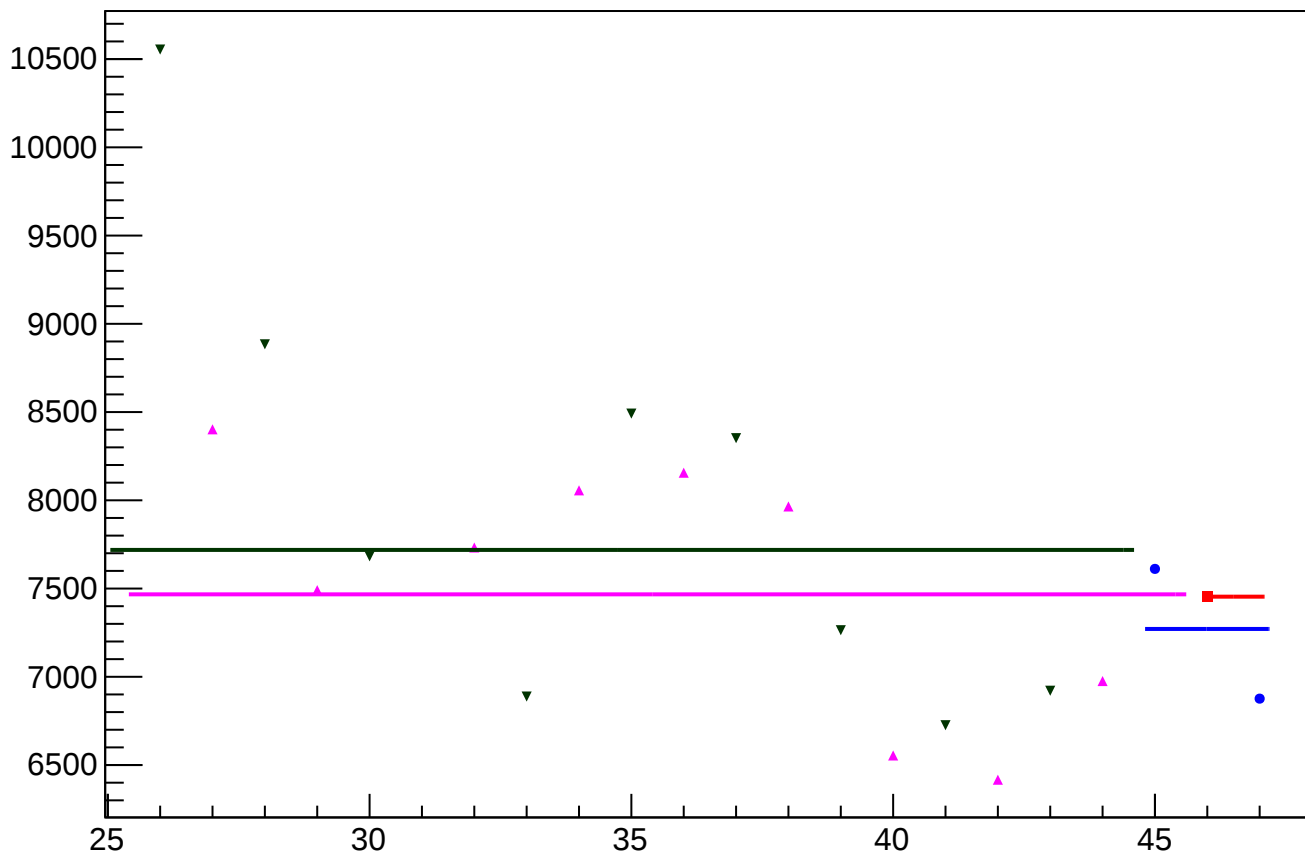
Right Out: 166.755+/-11430.794 χ^2 /NDF: 0.0/0

Left In: -6136.125+/-3165.179 χ^2 /NDF: 9.7/8

-746.396+/-3172.868 χ^2 /NDF: 9.1/10

-5687.278+/-3050.396 χ^2 /NDF: 10.0/9

cor_sam2_rms vs slug



Right In: 7271.098+/-5.027 χ^2/NDF : 5318.1/1

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

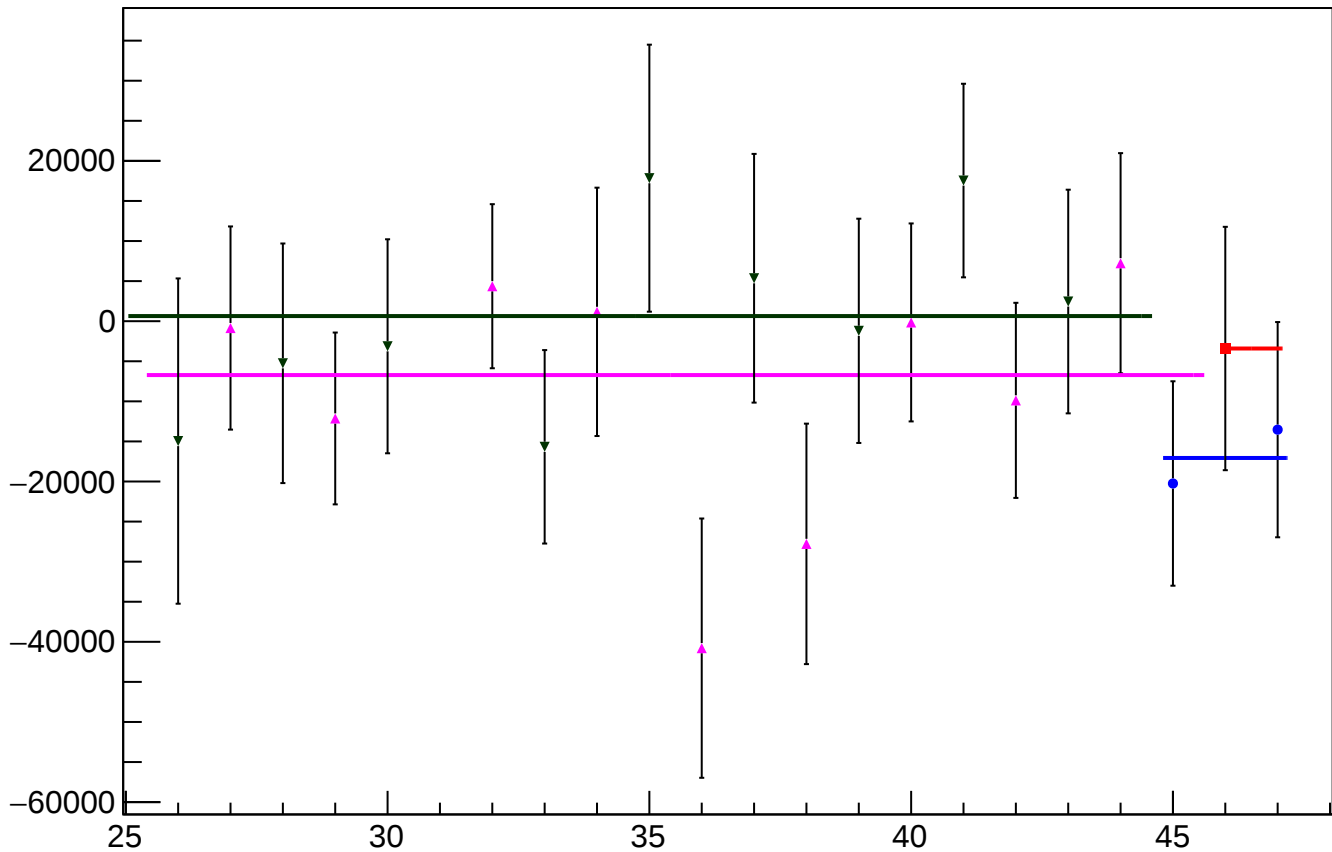
Right Out: 7454.048+/-8.083 χ^2/NDF : 0.0/0

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7629.699+/-2.244 χ^2/NDF : 178658.9/10

7466.253+/-2.157 χ^2/NDF : 91851.1/9

cor_sam3_mean vs slug



Right In: -17063.709+/-9246.290 χ^2/NDF : 0.1/1

Left Out: 639.789+/-4753.910 χ^2/NDF : 5.8/8

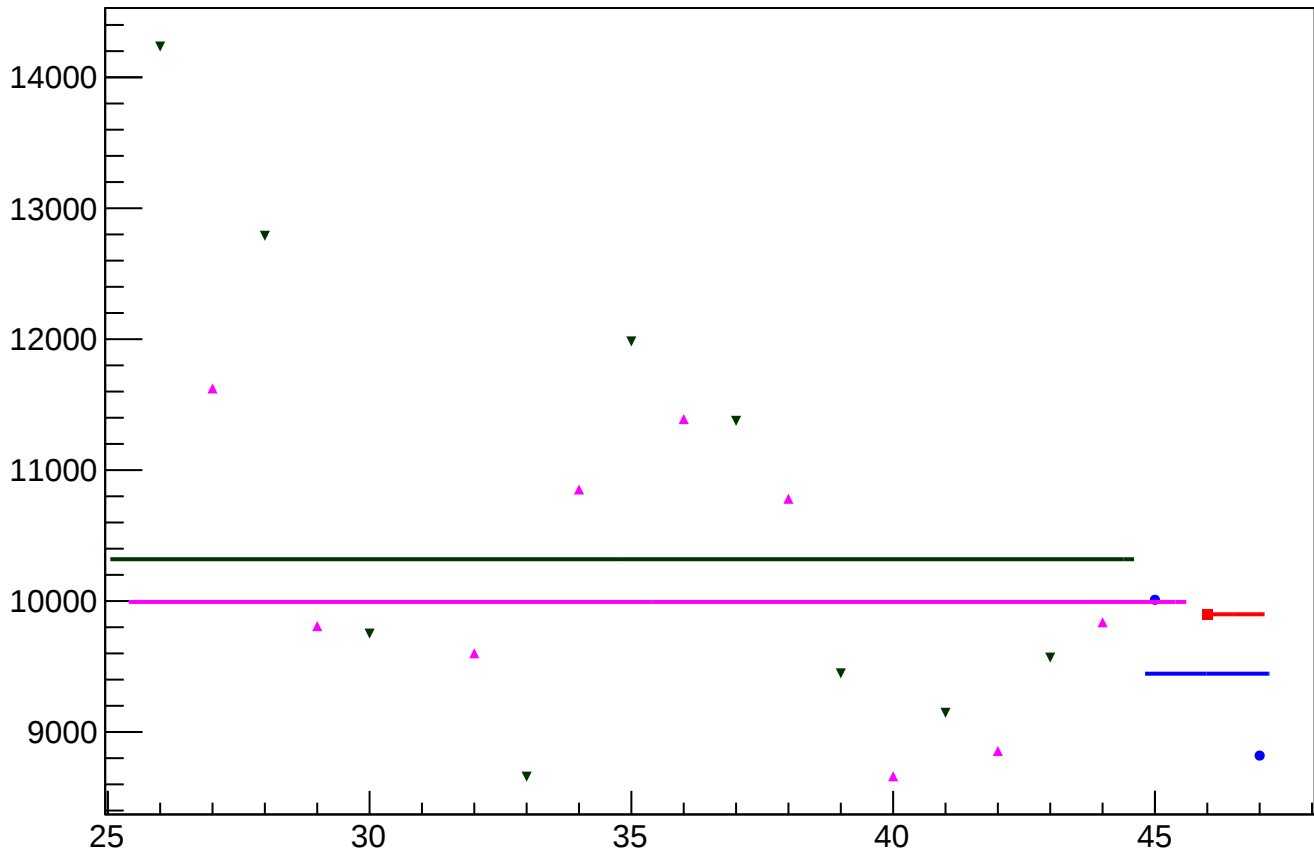
Right Out: -3407.870+/-15181.110 χ^2/NDF : 0.0/0

Left In: -6721.702+/-4244.047 χ^2/NDF : 9.7/8

-3061.570+/-4227.840 χ^2/NDF : 8.8/10

-6481.485+/-4087.330 χ^2/NDF : 9.7/9

cor_sam3_rms vs slug



Right In: 9445.295+/-6.538 χ^2/NDF : 8261.0/1

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

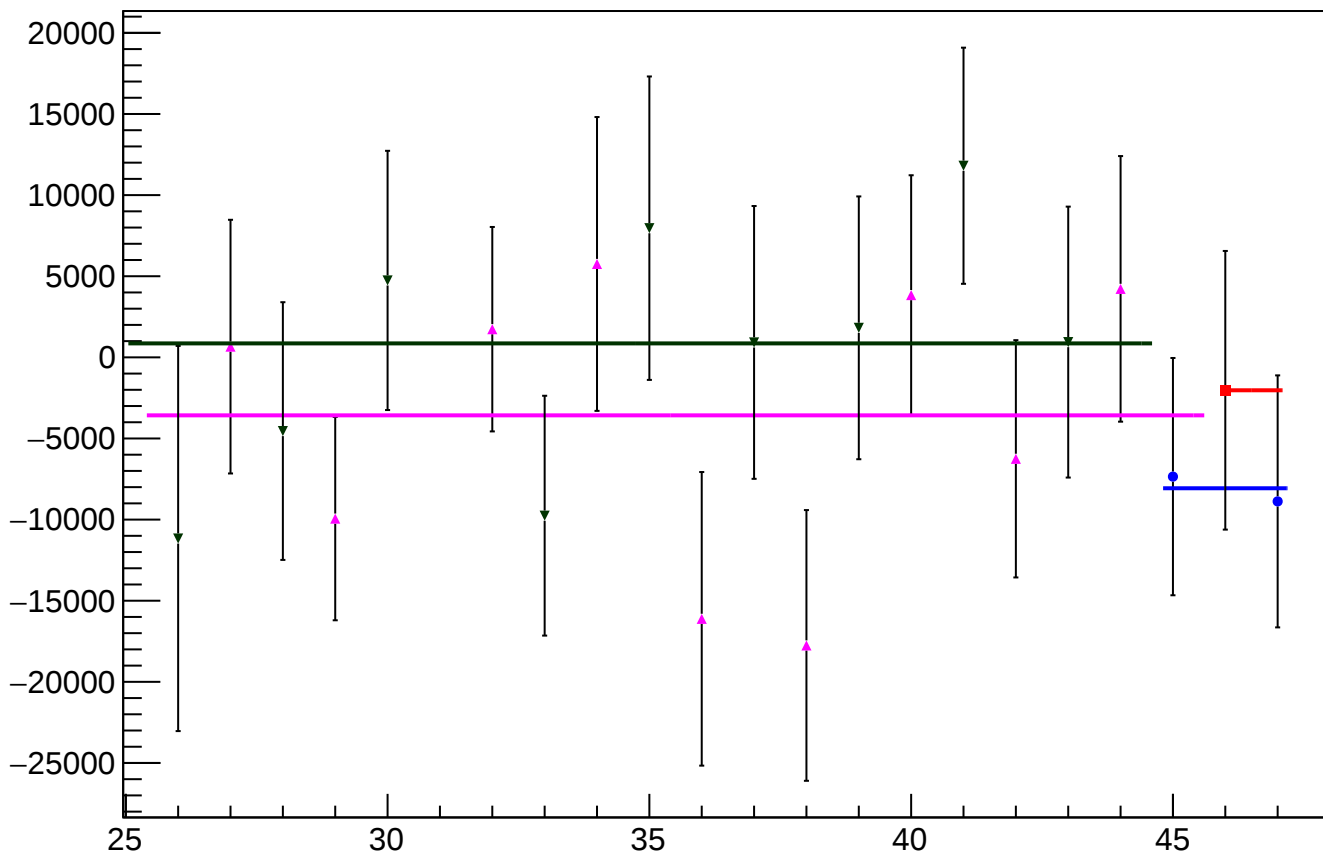
10136.745+/-2.990 χ^2/NDF : 254674.3/10

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

cor_sam4_mean vs slug



Right In: -8068.717 ± 5324.157 χ^2/NDF : 0.0/1

Left Out: 860.253 ± 2763.123 χ^2/NDF : 6.6/8

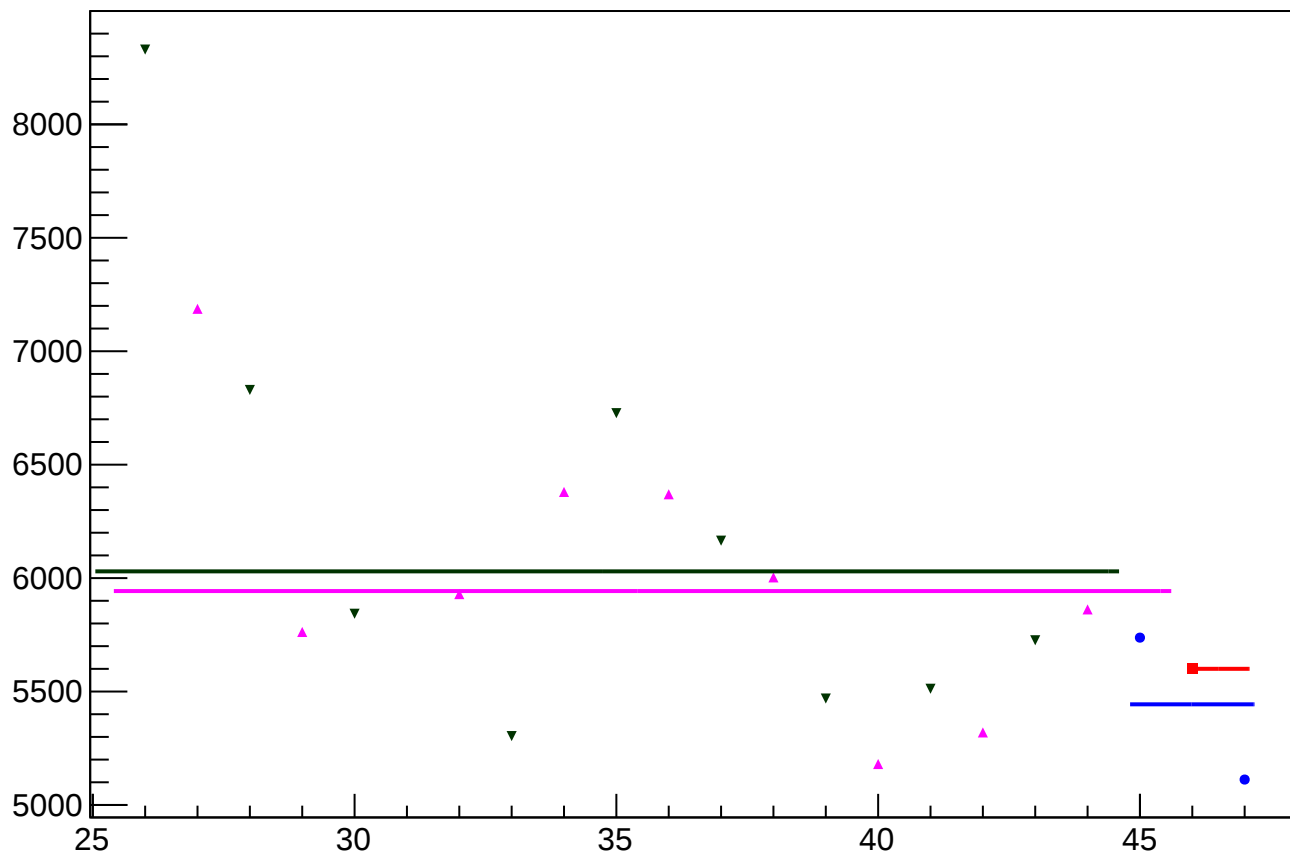
Right Out: -2029.629 ± 8587.694 χ^2/NDF : 0.0/0

Left In: -3574.359 ± 2517.724 χ^2/NDF : 10.0/8

-1034.369 ± 2452.513 χ^2/NDF : 8.9/10

-3452.093 ± 2416.031 χ^2/NDF : 10.0/9

cor_sam4_rms vs slug



Right In: 5443.637+/-3.765 χ^2/NDF : 6877.5/1

Left Out: 6029.703+/-1.954 χ^2/NDF : 149738.9/8

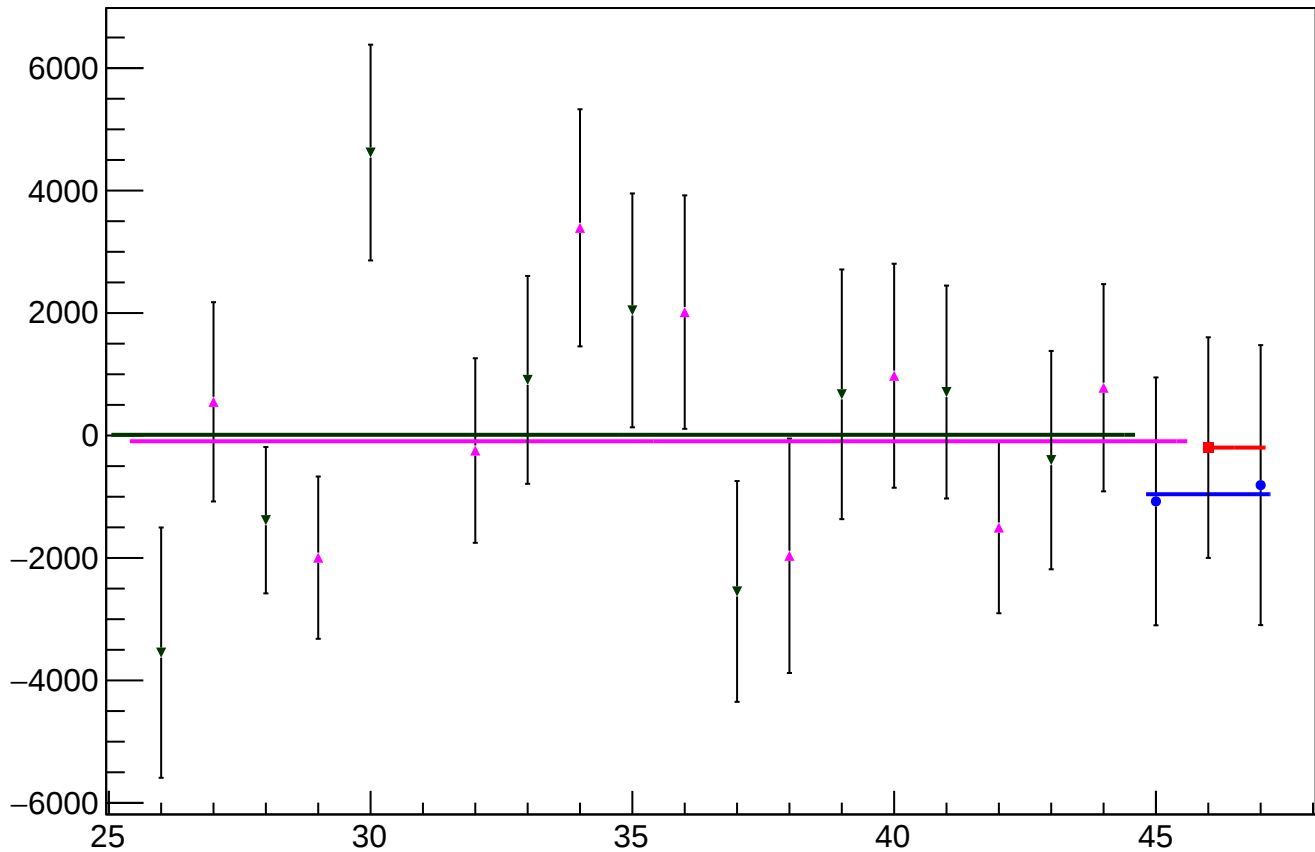
Right Out: 5600.130+/-6.072 χ^2/NDF : 0.0/0

Left In: 5942.884+/-1.780 χ^2/NDF : 97554.3/8

5905.347+/-1.734 χ^2/NDF : 175708.0/10

5915.755+/-1.708 χ^2/NDF : 100488.1/9

cor_sam5_mean vs slug



Right In: -959.013+/-1515.425 χ^2/NDF : 0.0/1

Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

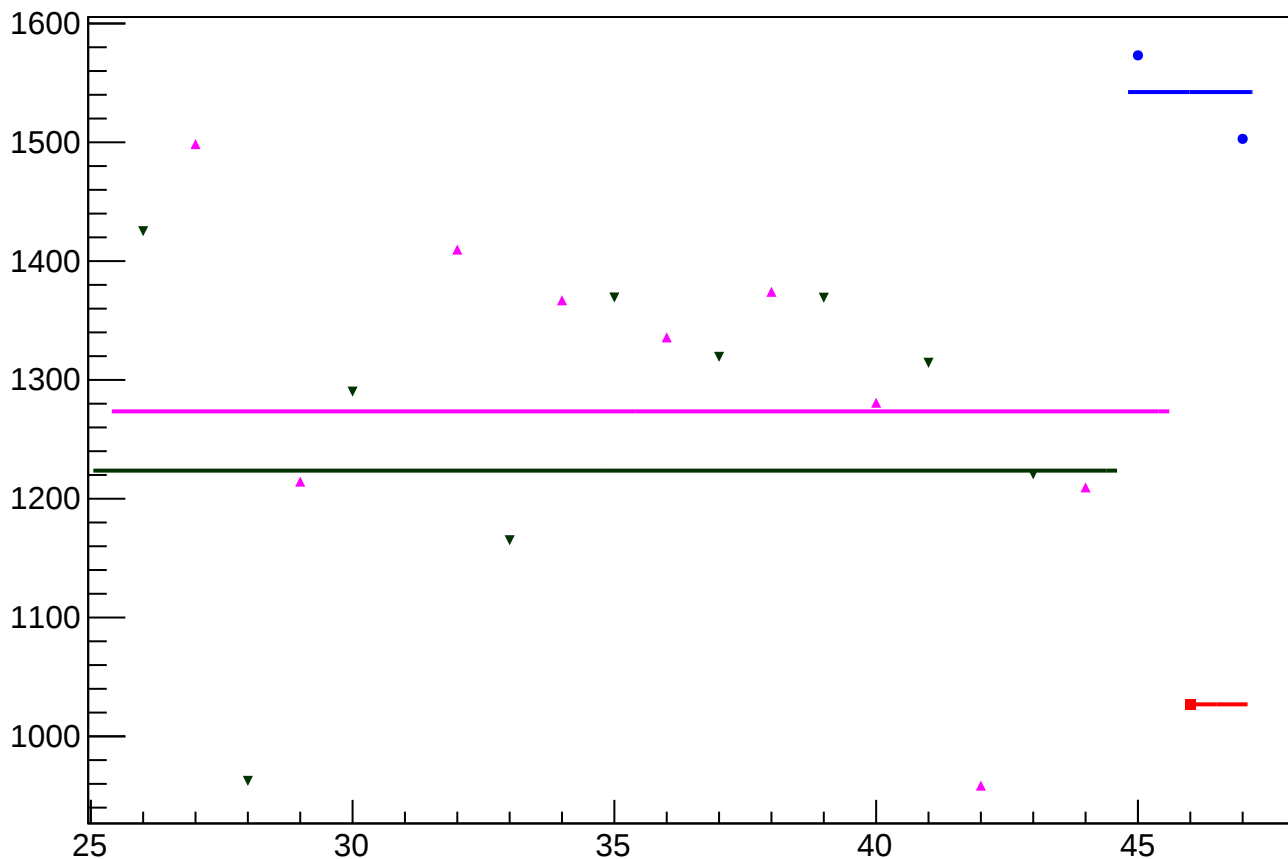
-108.939+/-533.658 χ^2/NDF : 15.3/10

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

cor_sam5_rms vs slug



Right In: 1542.297 ± 1.072 $\chi^2/\text{NDF}: 1059.3/1$

Left Out: 1223.657 ± 0.403 $\chi^2/\text{NDF}: 153036.7/8$

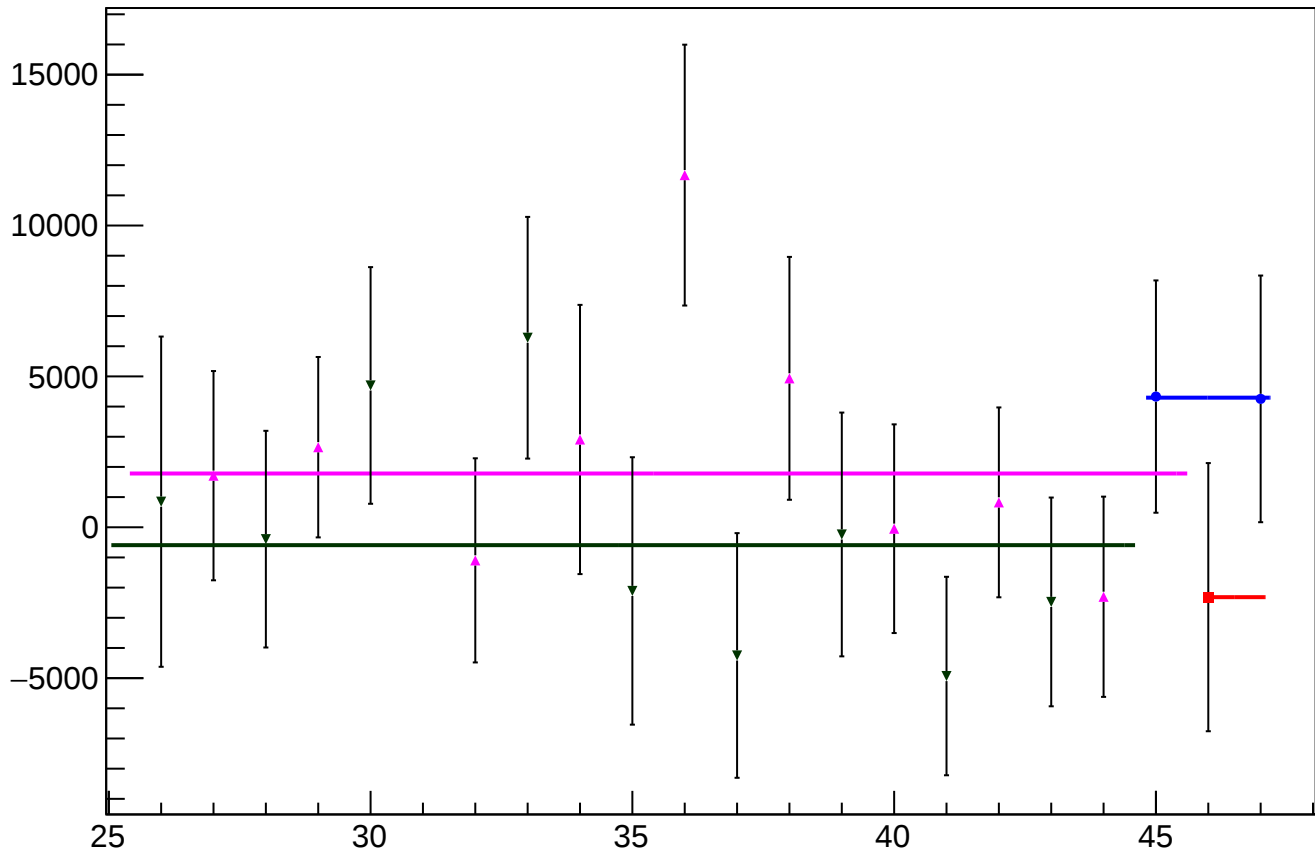
Right Out: 1026.938 ± 1.274 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1273.541 ± 0.386 $\chi^2/\text{NDF}: 174992.2/8$

1263.172 ± 0.377 $\chi^2/\text{NDF}: 231552.9/10$

1252.829 ± 0.369 $\chi^2/\text{NDF}: 209316.7/9$

cor_sam6_mean vs slug



Right In: 4295.449+/-2802.283 χ^2/NDF : 0.0/1

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

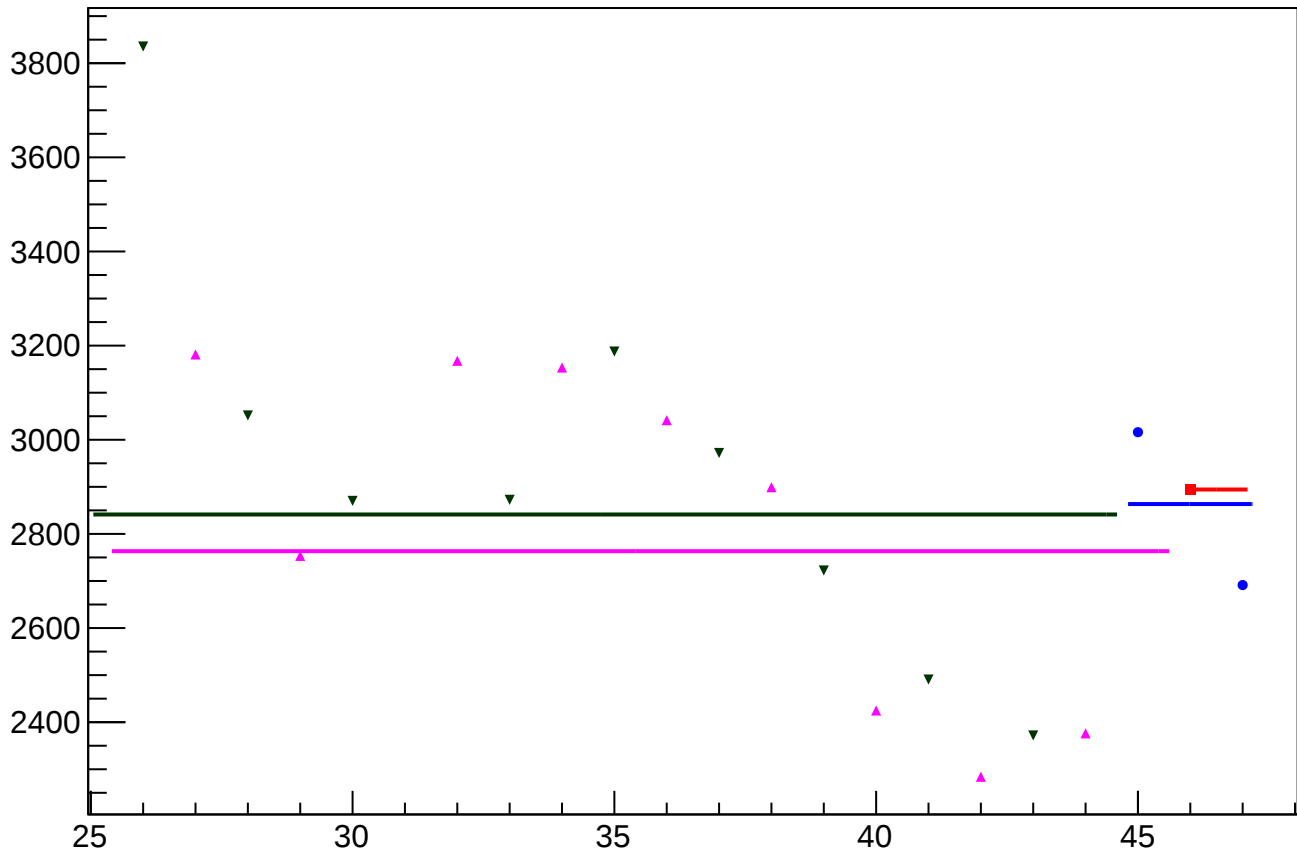
Right Out: -2316.156+/-4443.603 χ^2/NDF : 0.0/0

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

278.312+/-1182.823 χ^2/NDF : 10.3/10

1513.898+/-1136.600 χ^2/NDF : 9.4/9

cor_sam6_rms vs slug



Right In: 2863.439+/-1.982 χ^2/NDF : 6689.7/1

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

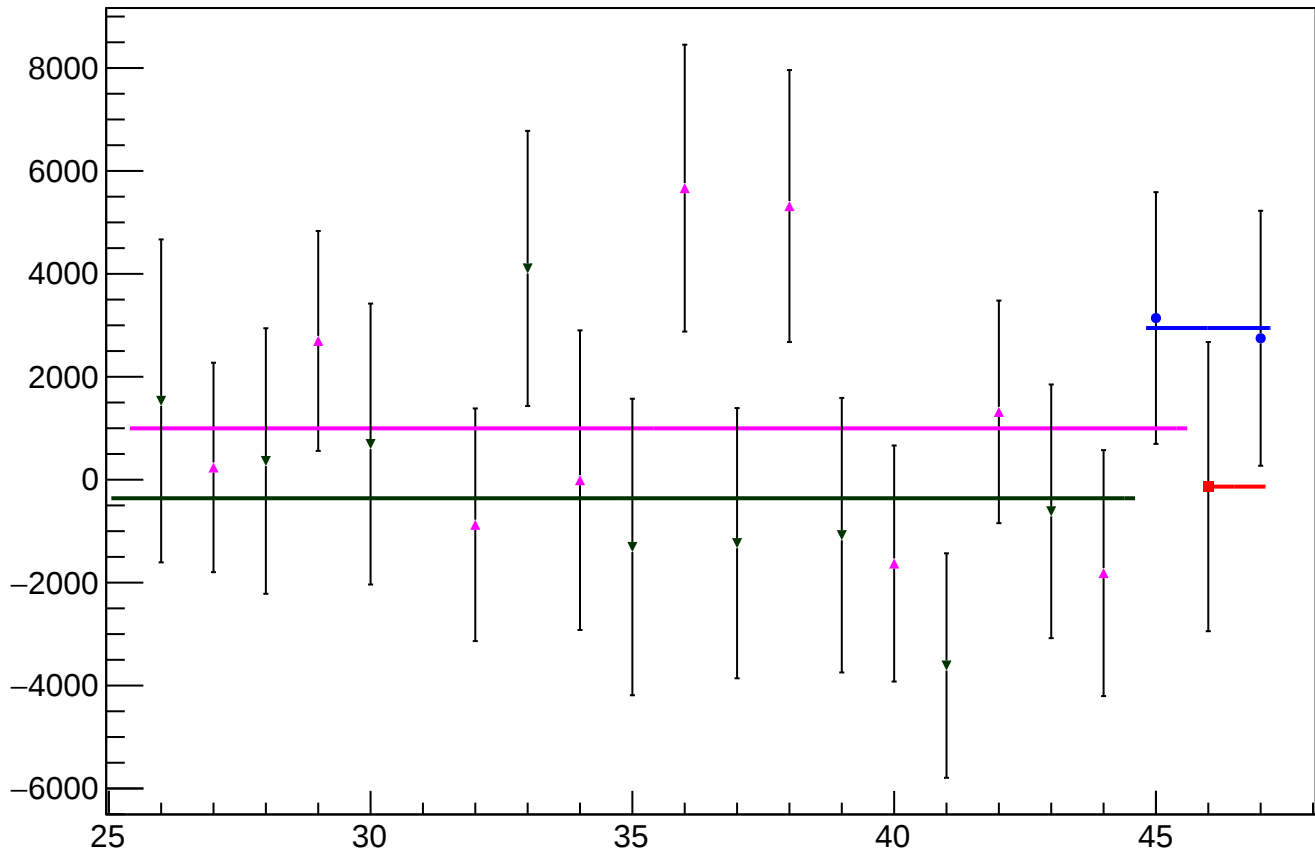
2845.215+/-0.836 χ^2/NDF : 155493.2/10

Right Out: 2894.331+/-3.142 χ^2/NDF : 0.0/0

2771.903+/-0.804 χ^2/NDF : 177930.2/9

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

cor_sam7_mean vs slug



Right In: 2947.596+/-1740.517 χ^2/NDF : 0.0/1

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

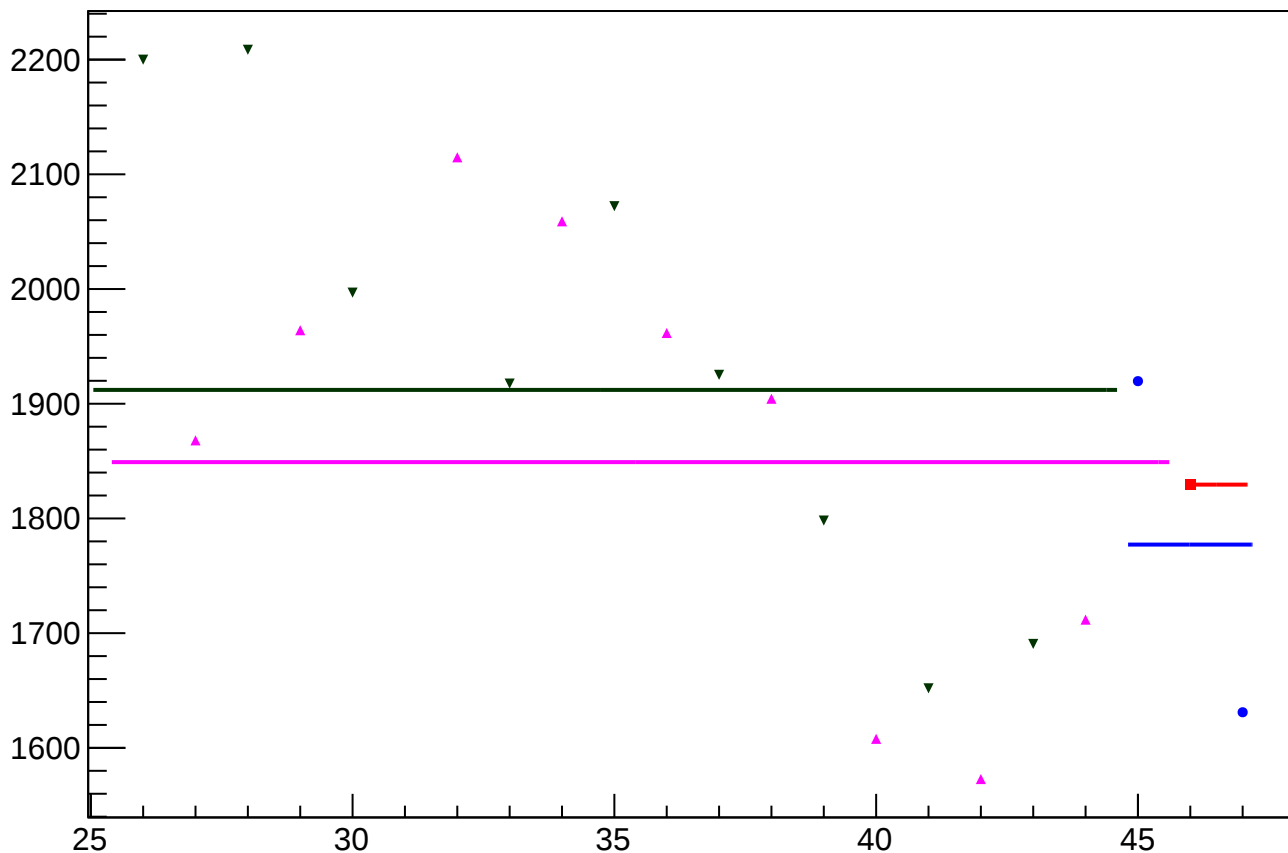
Right Out: -134.157+/-2809.686 χ^2/NDF : 0.0/0

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

306.795+/-781.602 χ^2/NDF : 8.8/10

915.638+/-755.547 χ^2/NDF : 9.9/9

cor_sam7_rms vs slug



Right In: 1777.219+/-1.231 χ^2/NDF : 13750.0/1

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

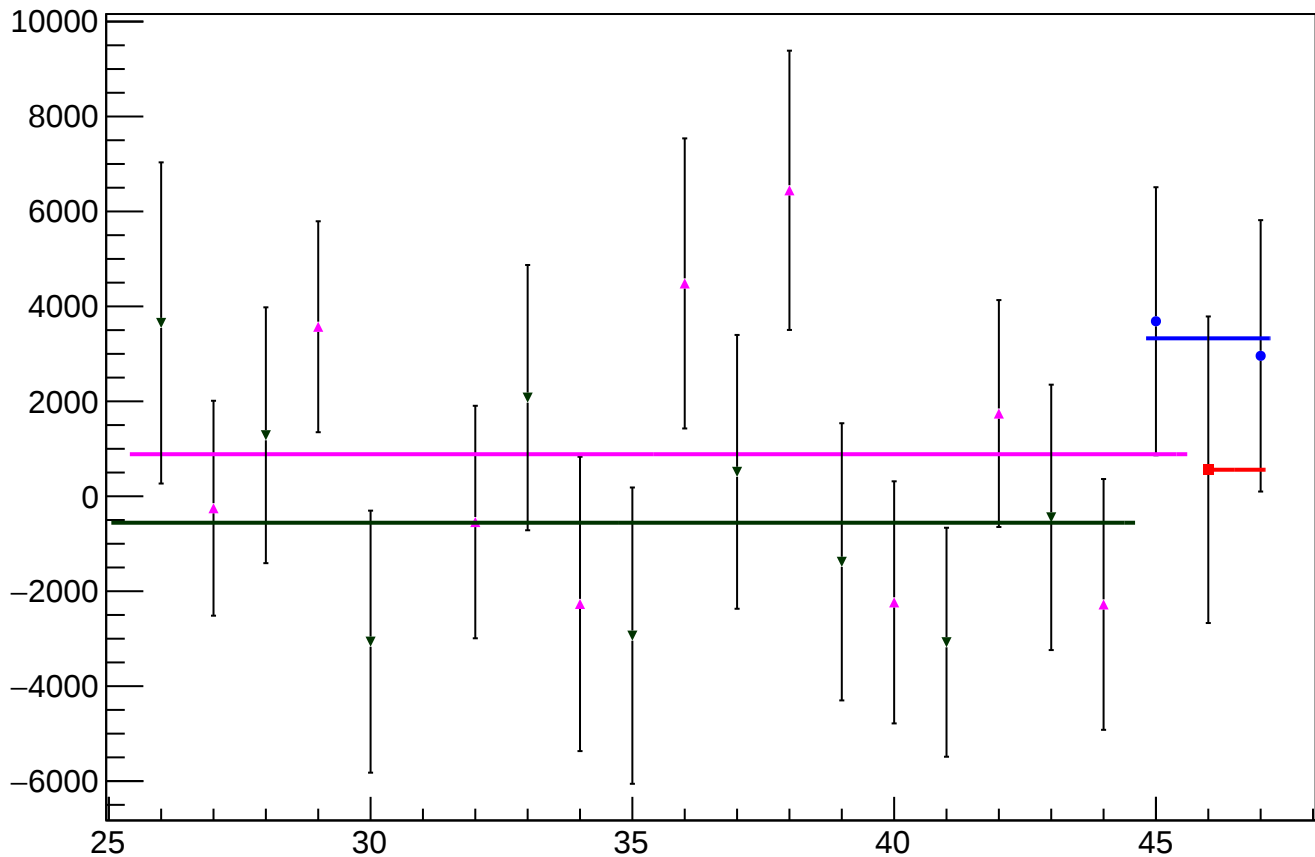
Right Out: 1829.497+/-1.987 χ^2/NDF : 0.0/0

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1884.870+/-0.553 χ^2/NDF : 122996.6/10

1847.682+/-0.534 χ^2/NDF : 109590.9/9

cor_sam8_mean vs slug



Right In: 3327.208+/-2008.696 χ^2/NDF : 0.0/1

Left Out: -557.273+/-942.969 χ^2/NDF : 5.6/8

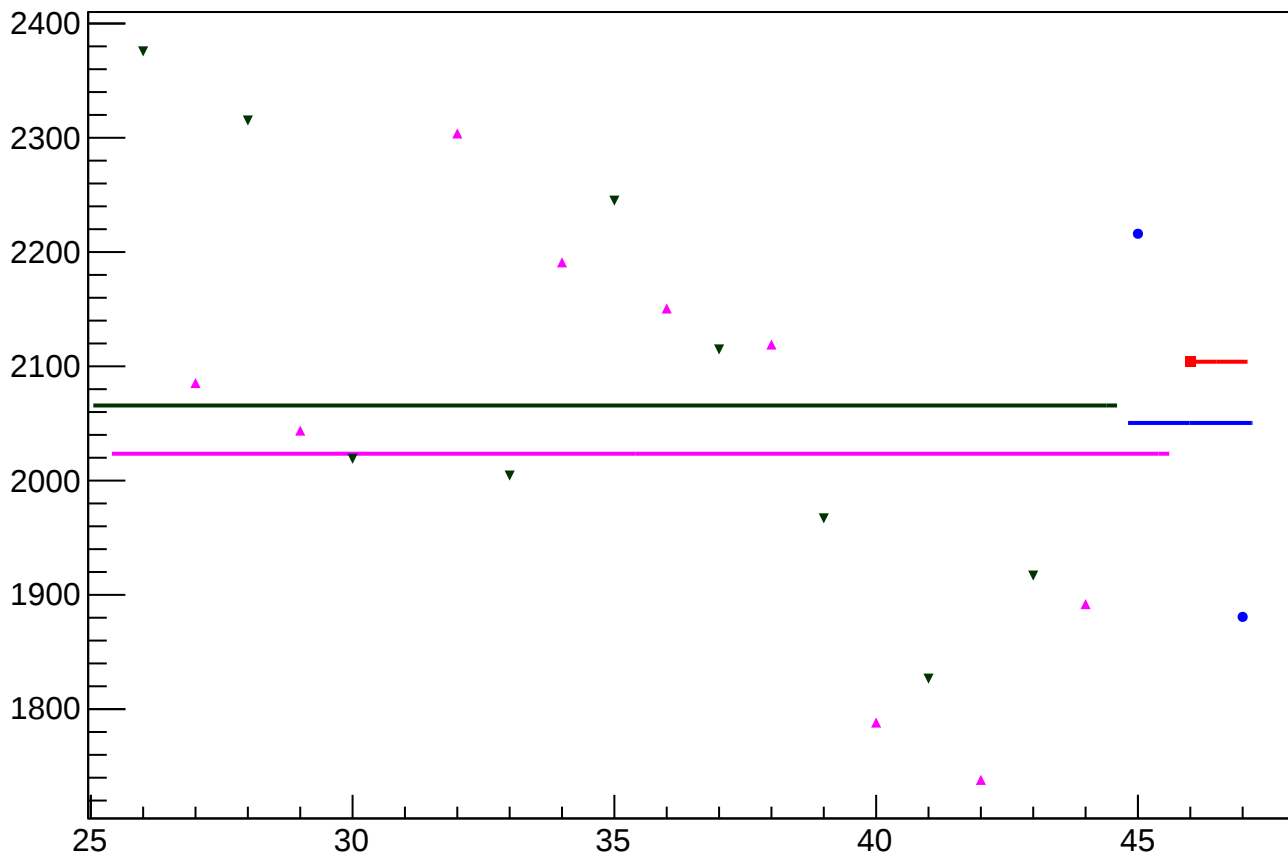
Right Out: 559.022+/-3228.976 χ^2/NDF : 0.0/0

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

144.190+/-853.592 χ^2/NDF : 8.7/10

864.656+/-827.814 χ^2/NDF : 11.1/9

cor_sam8_rms vs slug



Right In: 2050.449+/-1.420 χ^2/NDF : 13929.0/1

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

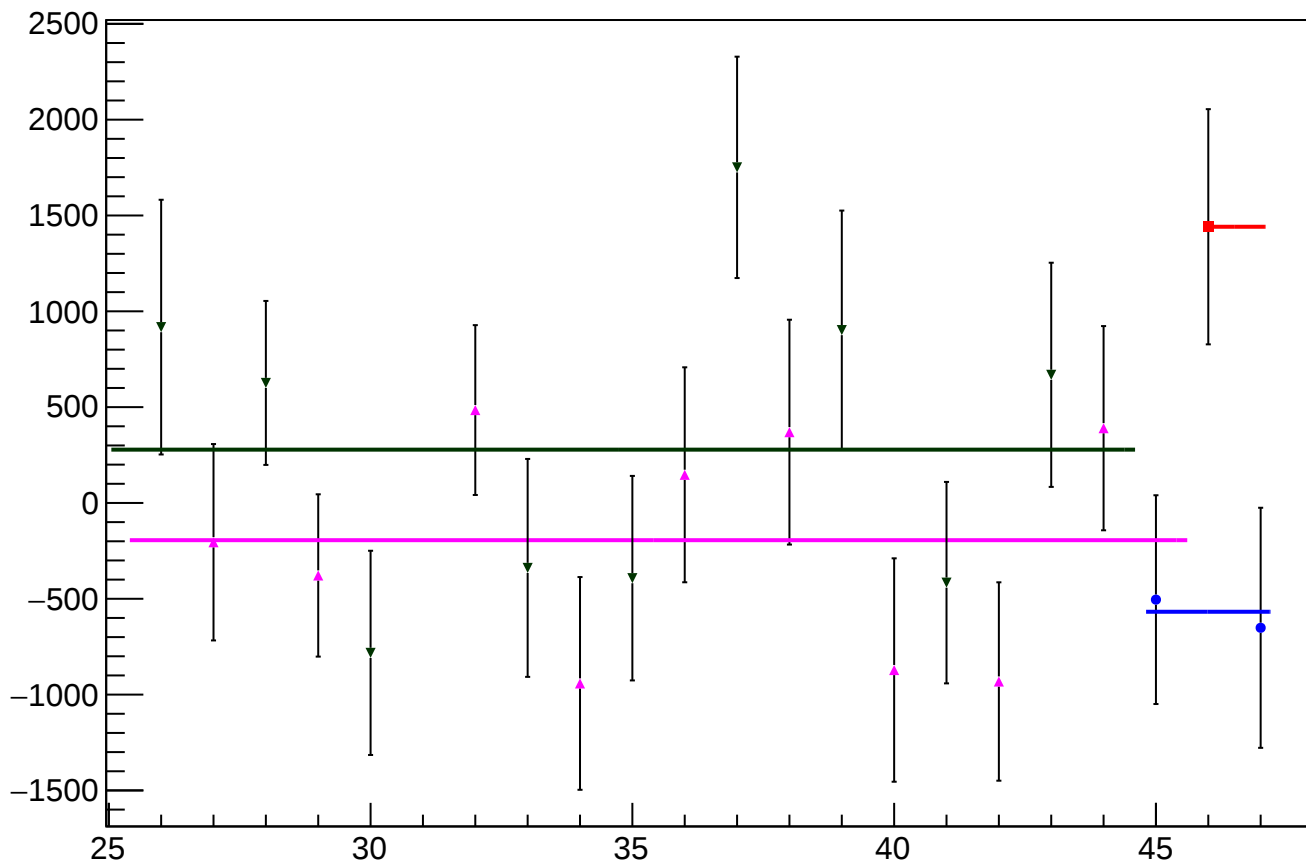
Right Out: 2104.017+/-2.283 χ^2/NDF : 0.0/0

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2062.971+/-0.604 χ^2/NDF : 84255.6/10

2028.809+/-0.585 χ^2/NDF : 90937.0/9

reg_asym_sam1_mean vs slug



Right In: -567.734 $\pm$ 411.005 χ^2/NDF : 0.0/1

Left Out: 278.172 $\pm$ 182.670 χ^2/NDF : 18.0/8

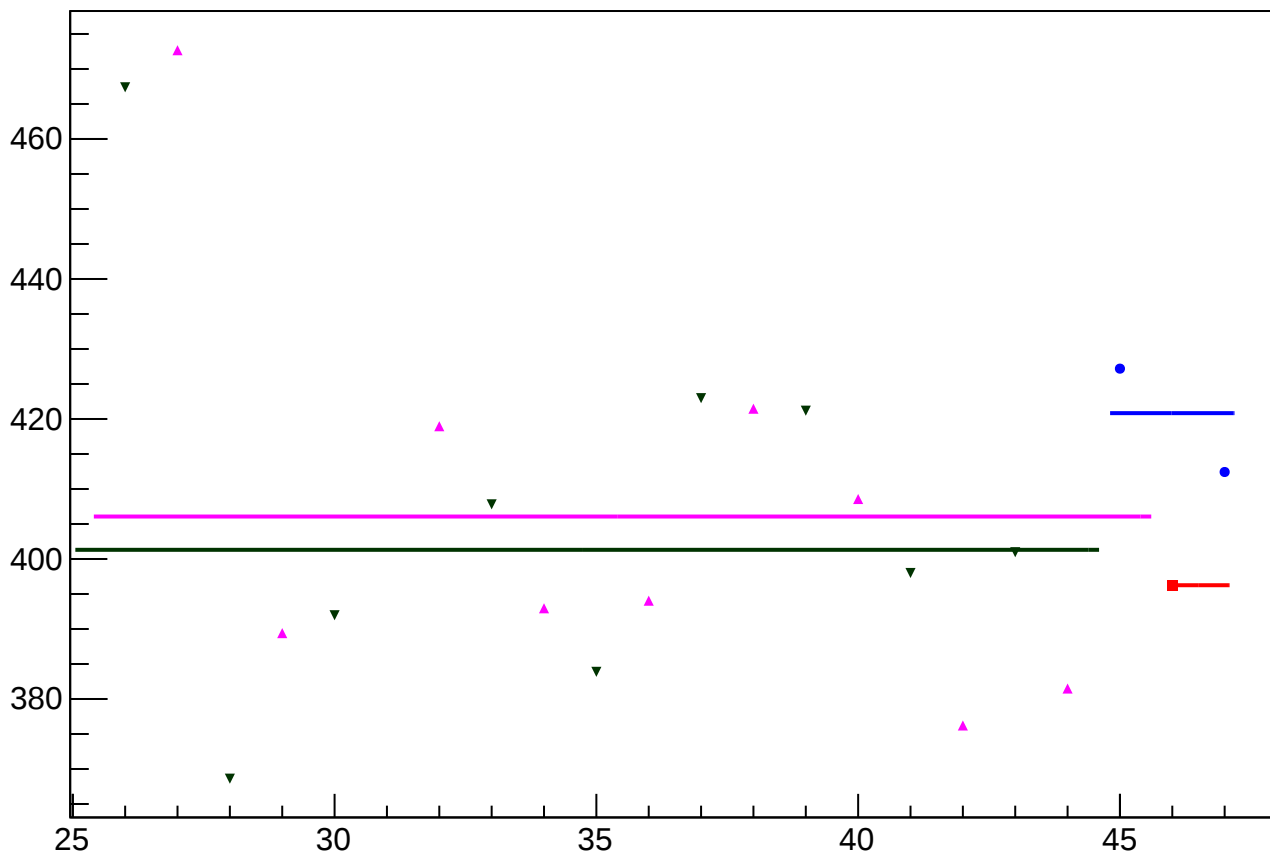
Right Out: 1441.201 $\pm$ 613.635 χ^2/NDF : 0.0/0

Left In: -194.244 $\pm$ 171.477 χ^2/NDF : 10.2/8

138.640 $\pm$ 166.926 χ^2/NDF : 21.6/10

-75.784 $\pm$ 165.150 χ^2/NDF : 16.8/9

reg_asym_sam1_rms vs slug



Right In: 420.834 ± 0.291 χ^2/NDF : 632.8/1

Left Out: 401.310 ± 0.129 χ^2/NDF : 39388.5/8

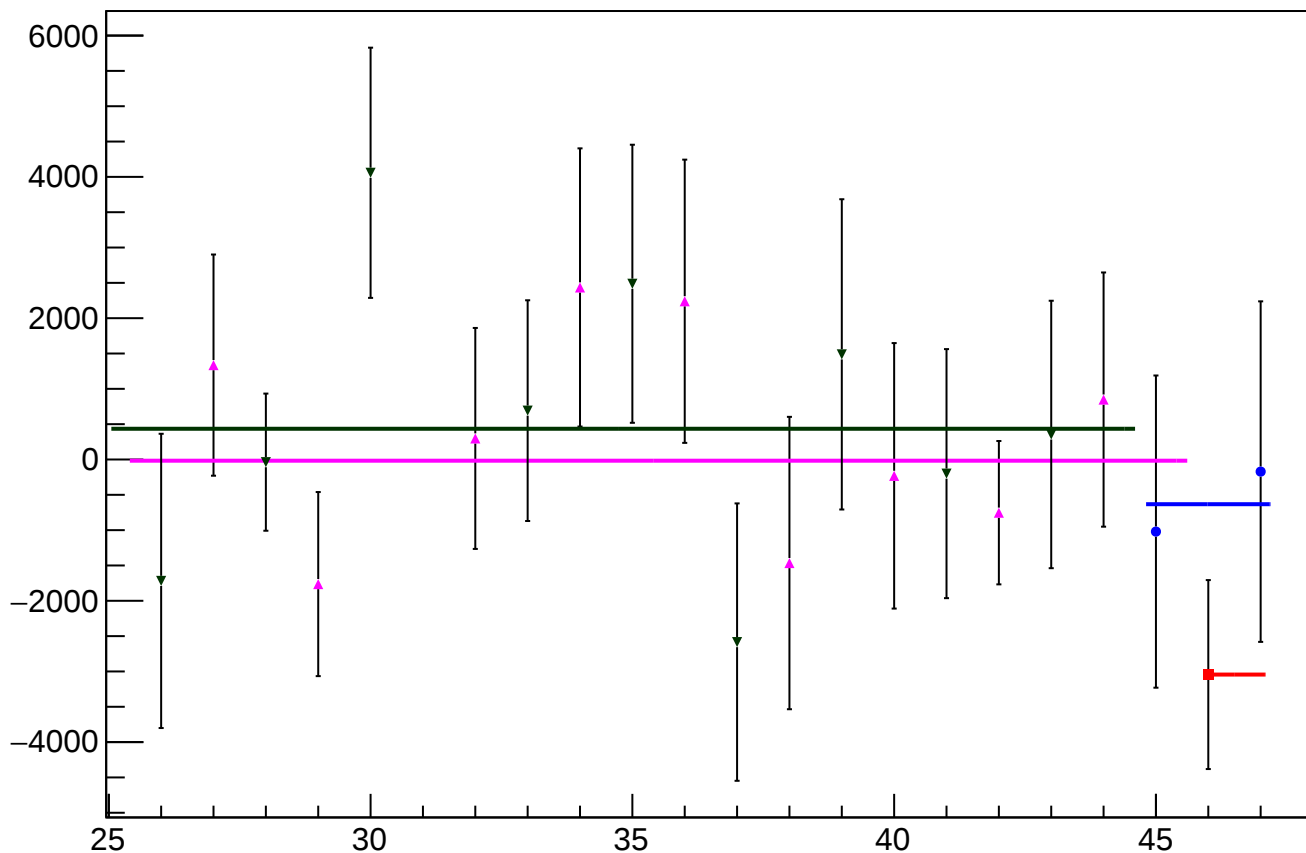
Right Out: 396.252 ± 0.434 χ^2/NDF : 0.0/0

Left In: 406.066 ± 0.121 χ^2/NDF : 52953.2/8

404.530 ± 0.118 χ^2/NDF : 43790.0/10

405.355 ± 0.117 χ^2/NDF : 53427.7/9

asym_sam1_correction_mean vs slug



Right In: -632.811+/-1628.559 χ^2/NDF : 0.1/1

Left Out: 434.930+/-546.579 χ^2/NDF : 9.3/8

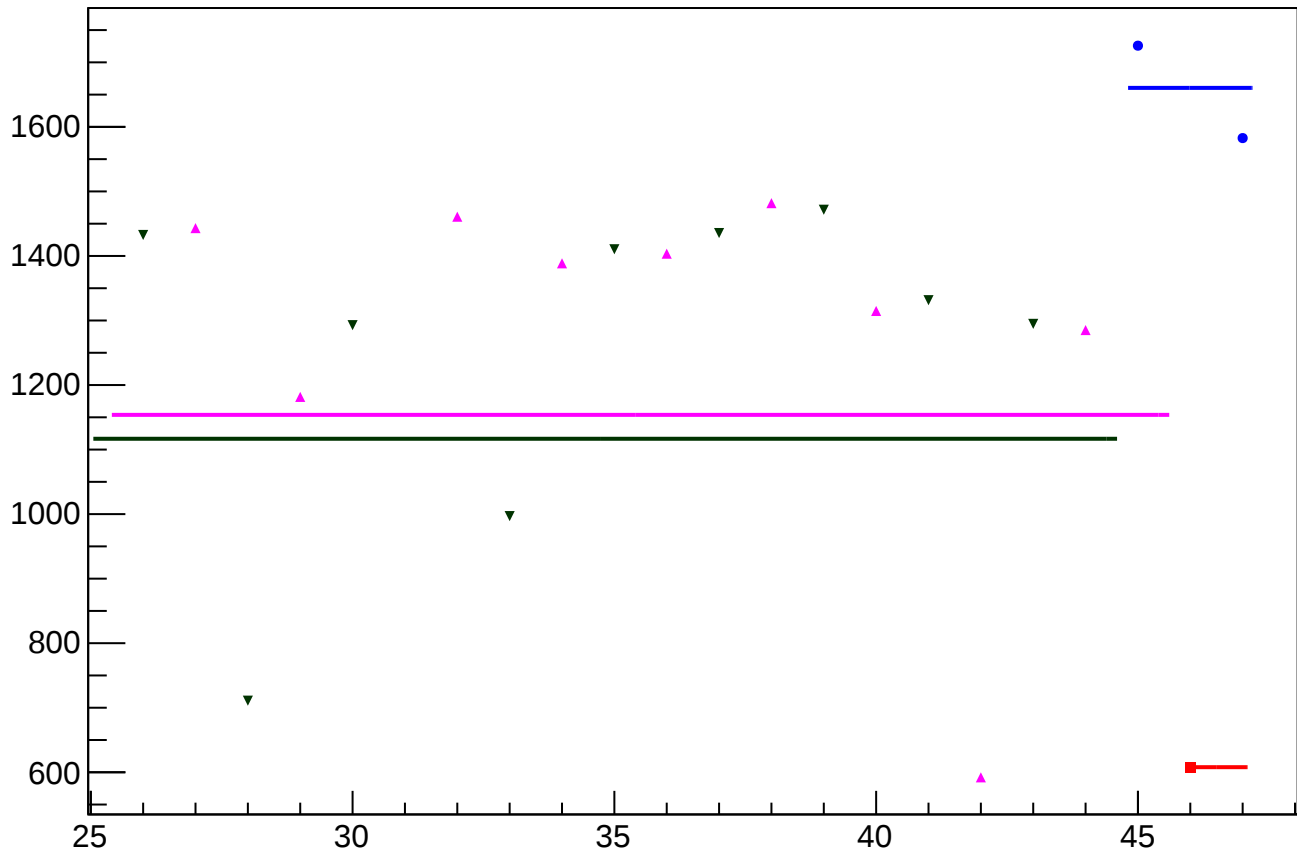
Right Out: -3044.091+/-1337.287 χ^2/NDF : 0.0/0

Left In: -17.108+/-519.136 χ^2/NDF : 6.7/8

326.834+/-518.173 χ^2/NDF : 9.8/10

-413.533+/-483.949 χ^2/NDF : 11.1/9

asym_sam1_correction_rms vs slug



Right In: 1660.436+/-1.152 χ^2/NDF : 3835.7/1

Left Out: 1116.751+/-0.386 χ^2/NDF : 624096.5/8

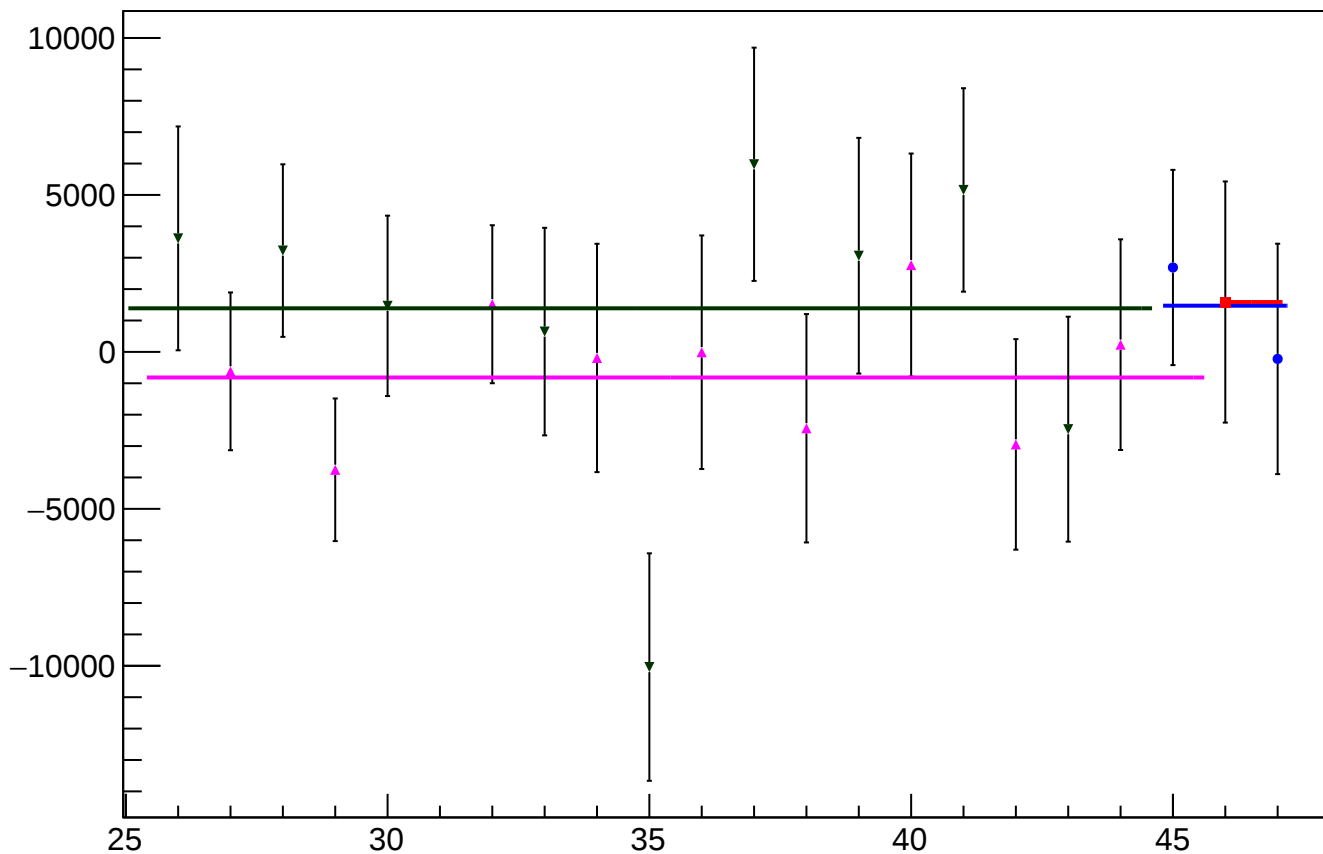
Right Out: 607.884+/-0.946 χ^2/NDF : 0.0/0

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

1171.792+/-0.366 χ^2/NDF : 828270.4/10

1082.292+/-0.342 χ^2/NDF : 1184053.2/9

reg_asym_sam2_mean vs slug



Right In: 1471.710 $\pm$ 2372.524 χ^2 /NDF: 0.4/1

Left Out: 1388.791 $\pm$ 1106.824 χ^2 /NDF:15.1/8

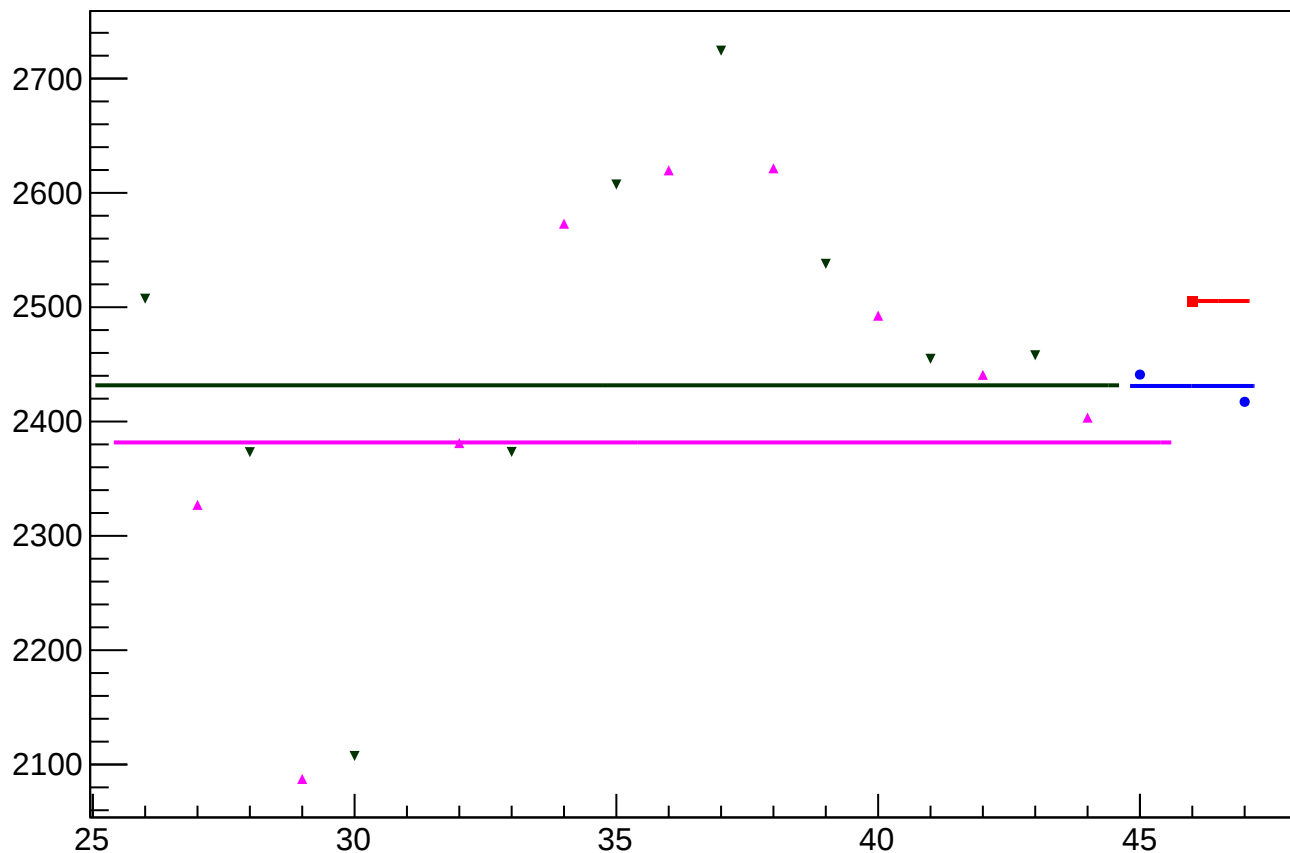
Right Out: 1588.780 $\pm$ 3841.269 χ^2 /NDF: 0.0/0

Left In: -815.233 $\pm$ 1004.854 χ^2 /NDF:4.3/8

1403.612 $\pm$ 1003.043 χ^2 /NDF: 15.4/10

-661.259 $\pm$ 972.142 χ^2 /NDF: 4.7/9

reg_asym_sam2_rms vs slug



Right In: 2431.104+/-1.678 χ^2/NDF : 49.0/1

Left Out: 2431.683+/-0.783 χ^2/NDF : 46819.5/8

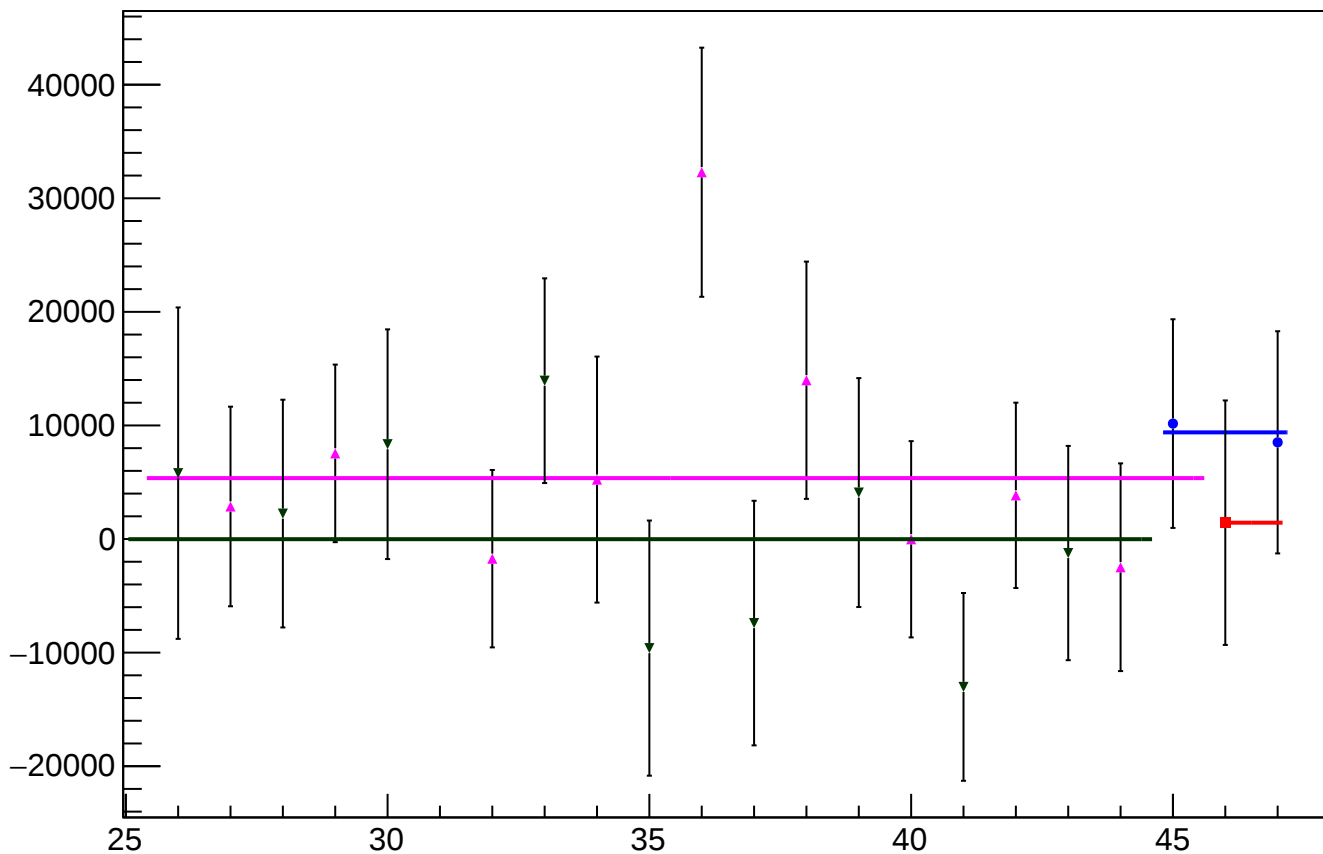
Right Out: 2505.411+/-2.716 χ^2/NDF : 0.0/0

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

2431.579+/-0.709 χ^2/NDF : 46868.6/10

2389.632+/-0.687 χ^2/NDF : 61530.1/9

asym_sam2_correction_mean vs slug



Right In: 9390.144 $\pm$ 6695.987 χ^2 /NDF: 0.0/1

Left Out: -13.656 $\pm$ 3351.634 χ^2 /NDF: 7.1/8

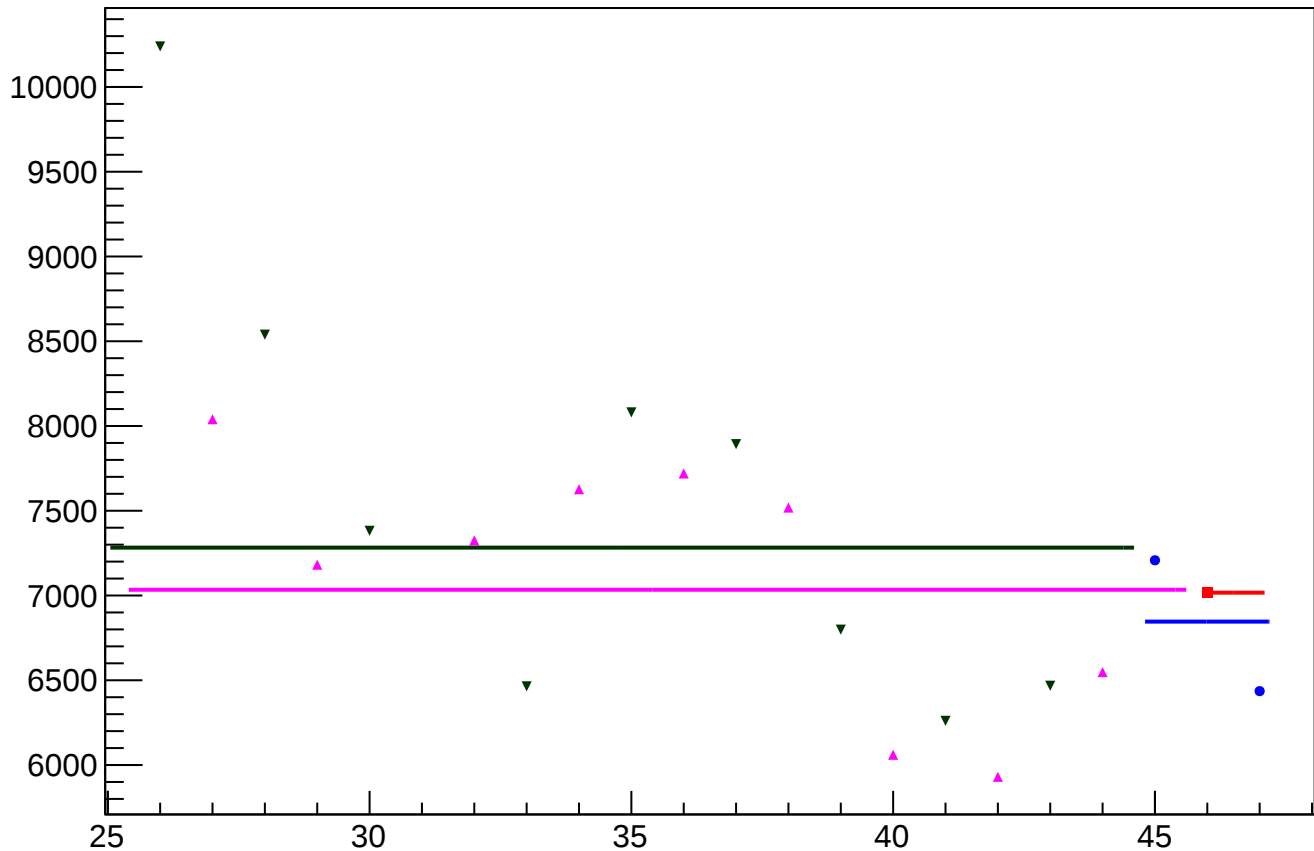
Right Out: 1438.696 $\pm$ 10761.603 χ^2 /NDF: 0.0/0

Left In: 5363.340 $\pm$ 2986.715 χ^2 /NDF: 8.9/8

1870.376 $\pm$ 2997.140 χ^2 /NDF: 8.7/10

5082.662 $\pm$ 2877.934 χ^2 /NDF: 9.0/9

asym_sam2_correction_rms vs slug



Right In: 6846.016 ± 4.735 χ^2/NDF : 6619.5/1

Left Out: 7282.484 ± 2.370 χ^2/NDF : 196859.8/8

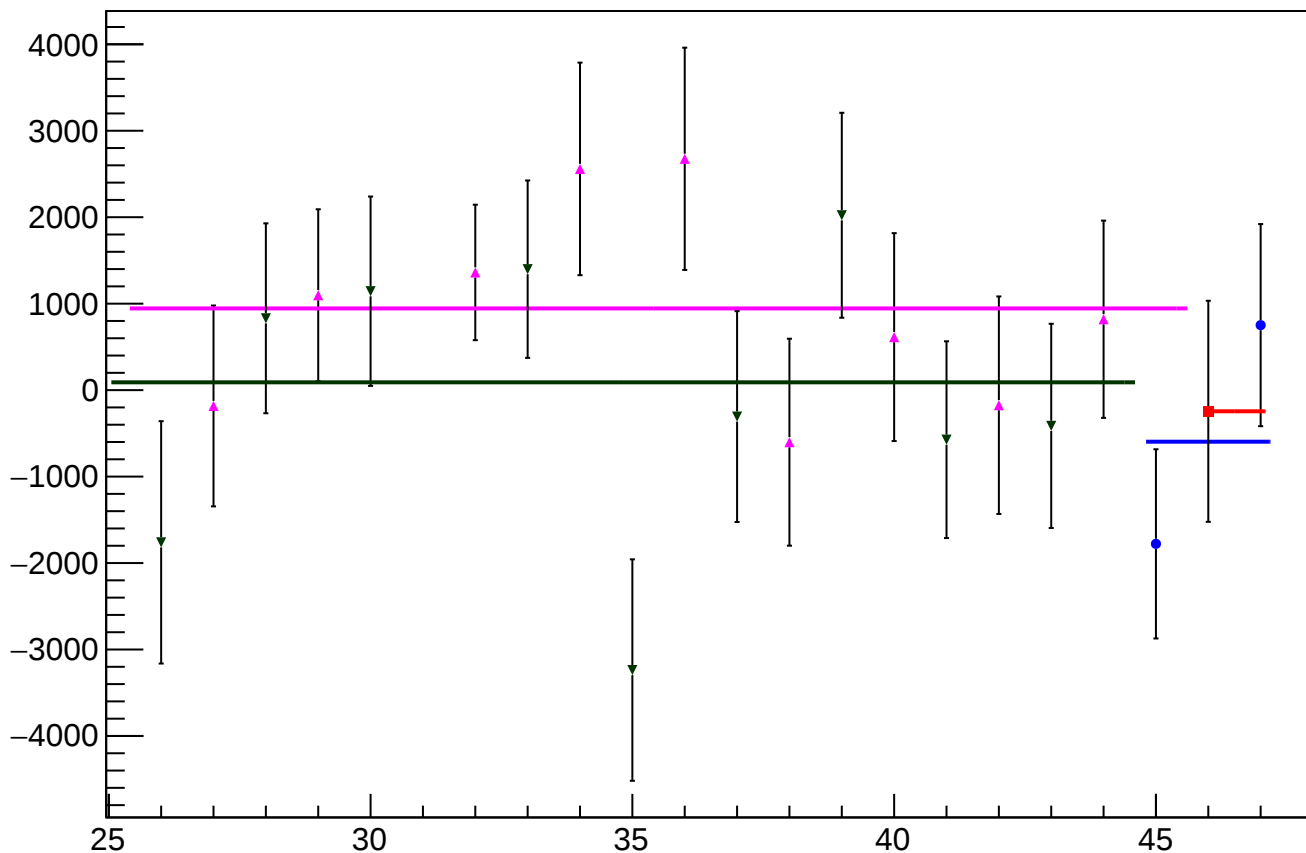
Right Out: 7016.806 ± 7.610 χ^2/NDF : 0.0/0

Left In: 7034.023 ± 2.112 χ^2/NDF : 115477.2/8

7195.038 ± 2.119 χ^2/NDF : 210274.6/10

7032.792 ± 2.035 χ^2/NDF : 115481.9/9

reg_asym_sam3_mean vs slug



Right In: -596.500+/-798.879 χ^2/NDF : 2.5/1

Left Out: 90.339+/-389.088 χ^2/NDF : 14.8/8

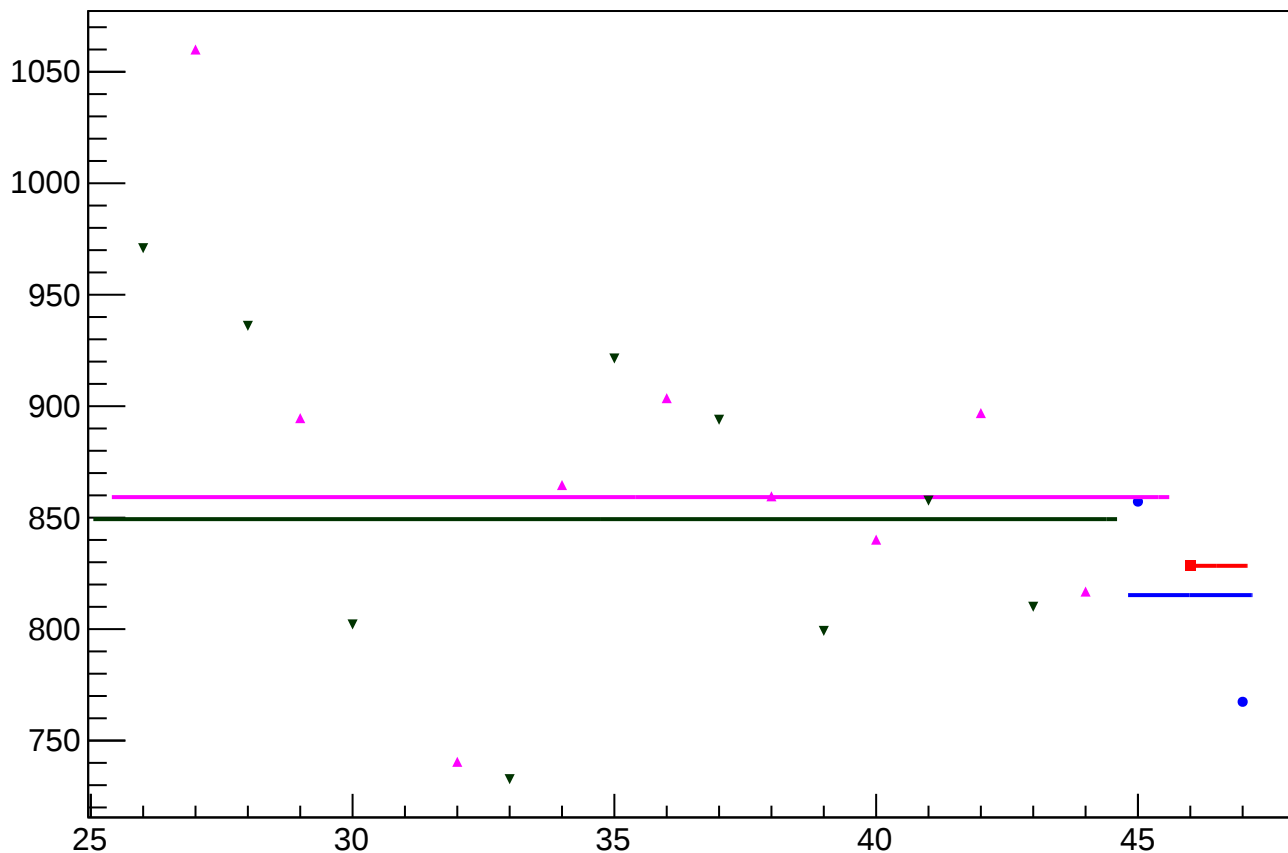
Right Out: -244.802+/-1278.531 χ^2/NDF : 0.0/0

Left In: 944.816+/-366.628 χ^2/NDF : 7.3/8

-41.349+/-349.805 χ^2/NDF : 17.9/10

854.426+/-352.424 χ^2/NDF : 8.1/9

reg_asym_sam3_rms vs slug



Right In: 815.255 $\pm$ 0.565 χ^2/NDF : 6290.1/1

Left Out: 849.335 $\pm$ 0.275 χ^2/NDF : 71988.4/8

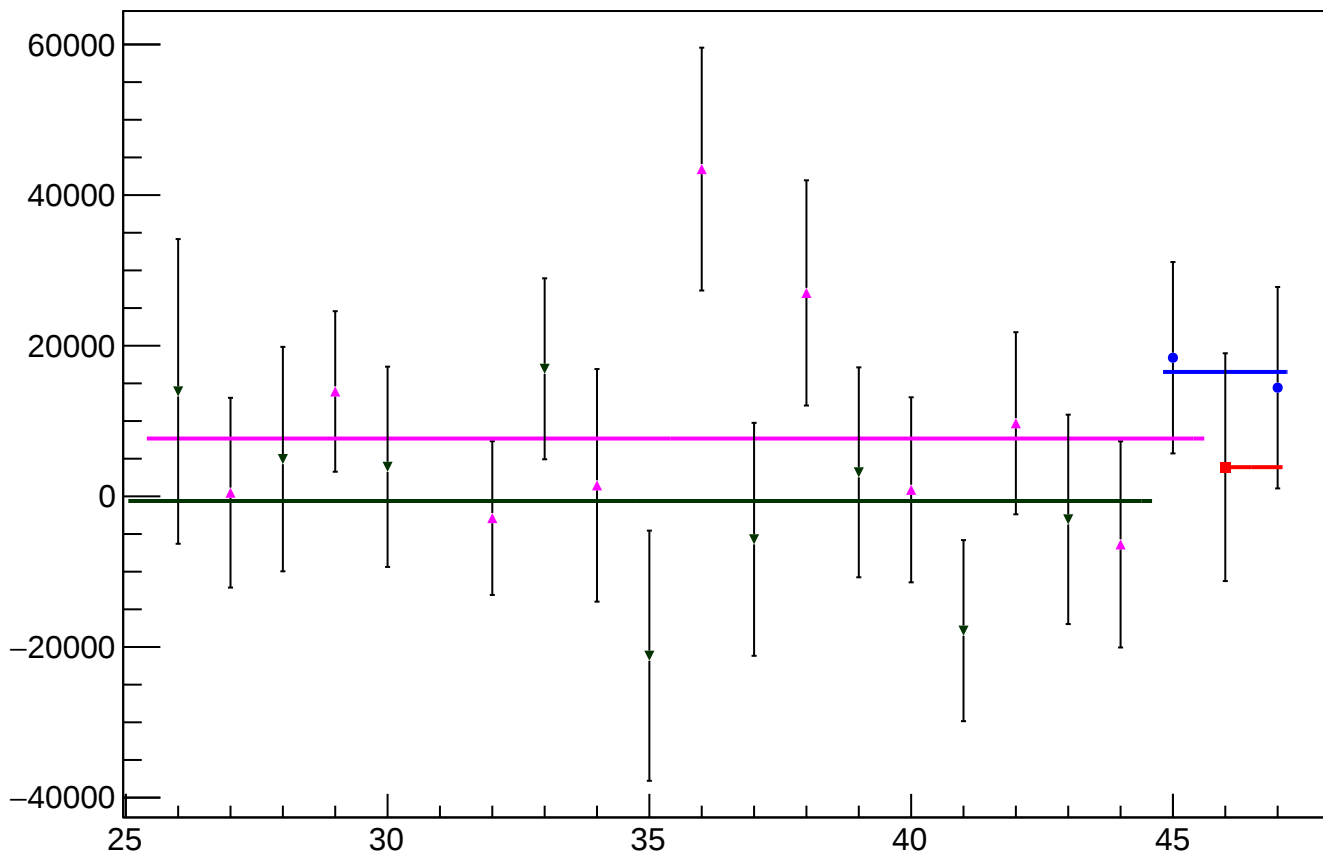
Right Out: 828.396 $\pm$ 0.904 χ^2/NDF : 0.0/0

Left In: 859.215 $\pm$ 0.259 χ^2/NDF : 115716.9/8

842.800 $\pm$ 0.247 χ^2/NDF : 81220.4/10

856.873 $\pm$ 0.249 χ^2/NDF : 116790.7/9

asym_sam3_correction_mean vs slug



Right In: 16519.630+/-9210.701 χ^2 /NDF: 0.0/1

Left Out: -616.435+/-4735.998 χ^2 /NDF: 6.7/8

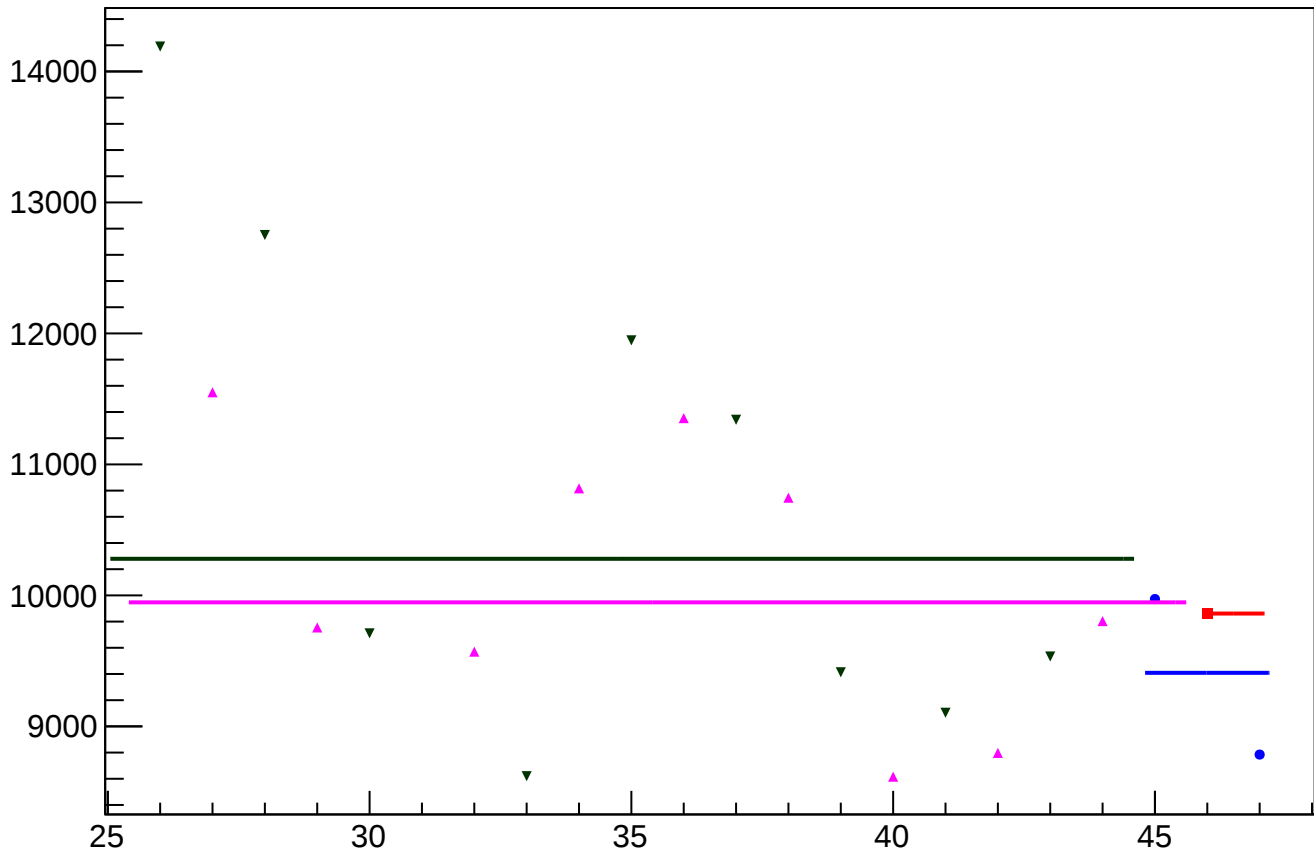
Right Out: 3876.897+/-15123.179 χ^2 /NDF: 0.0/0

Left In: 7678.057+/-4224.700 χ^2 /NDF: 9.9/8

2966.750+/-4211.839 χ^2 /NDF: 9.5/10

7402.896+/-4068.917 χ^2 /NDF: 9.9/9

asym_sam3_correction_rms vs slug



Right In: 9408.802+/-6.513 χ^2/NDF : 8286.3/1

Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8

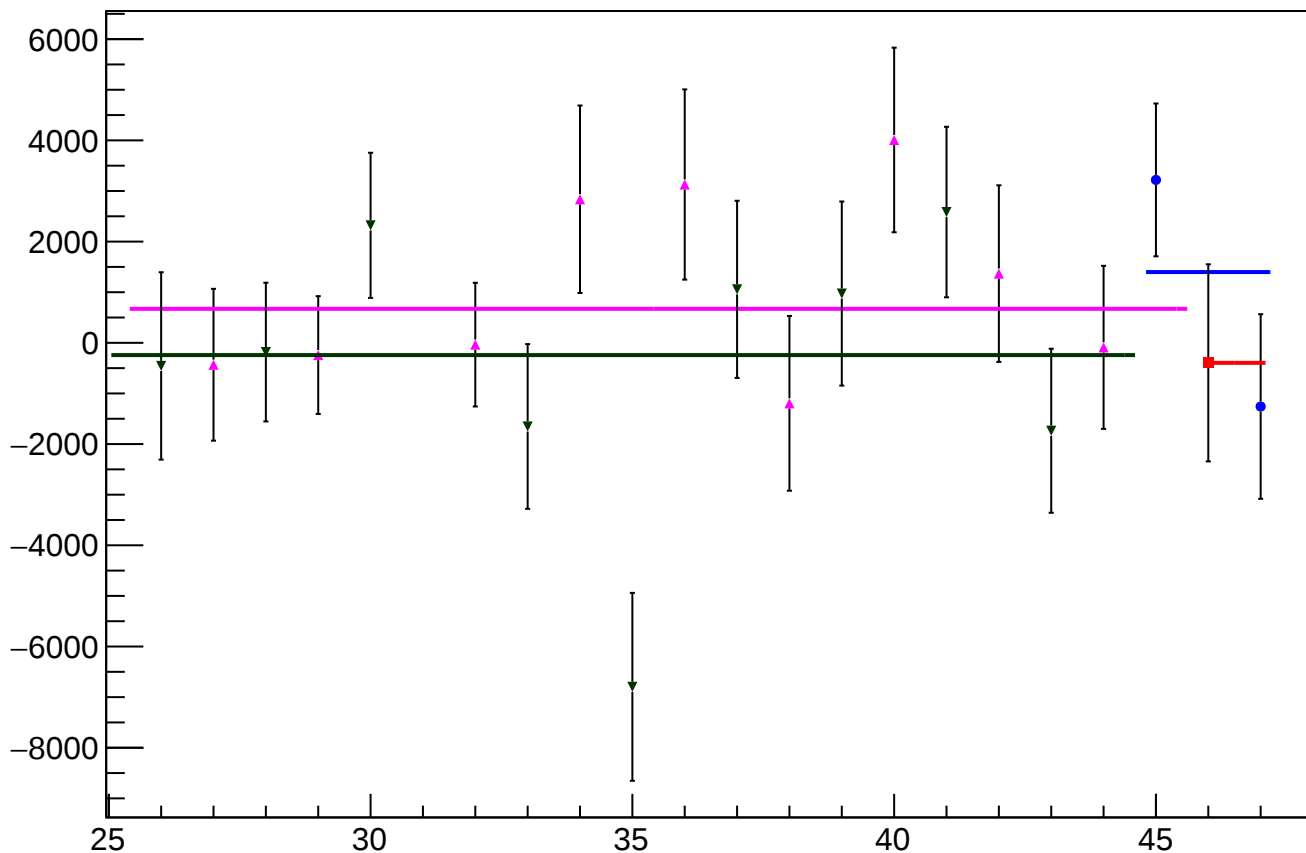
10097.350+/-2.978 χ^2/NDF : 256254.0/10

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: 1398.348+/-1163.128 χ^2/NDF : 3.6/1

Left Out: -242.182+/-547.136 χ^2/NDF : 21.1/8

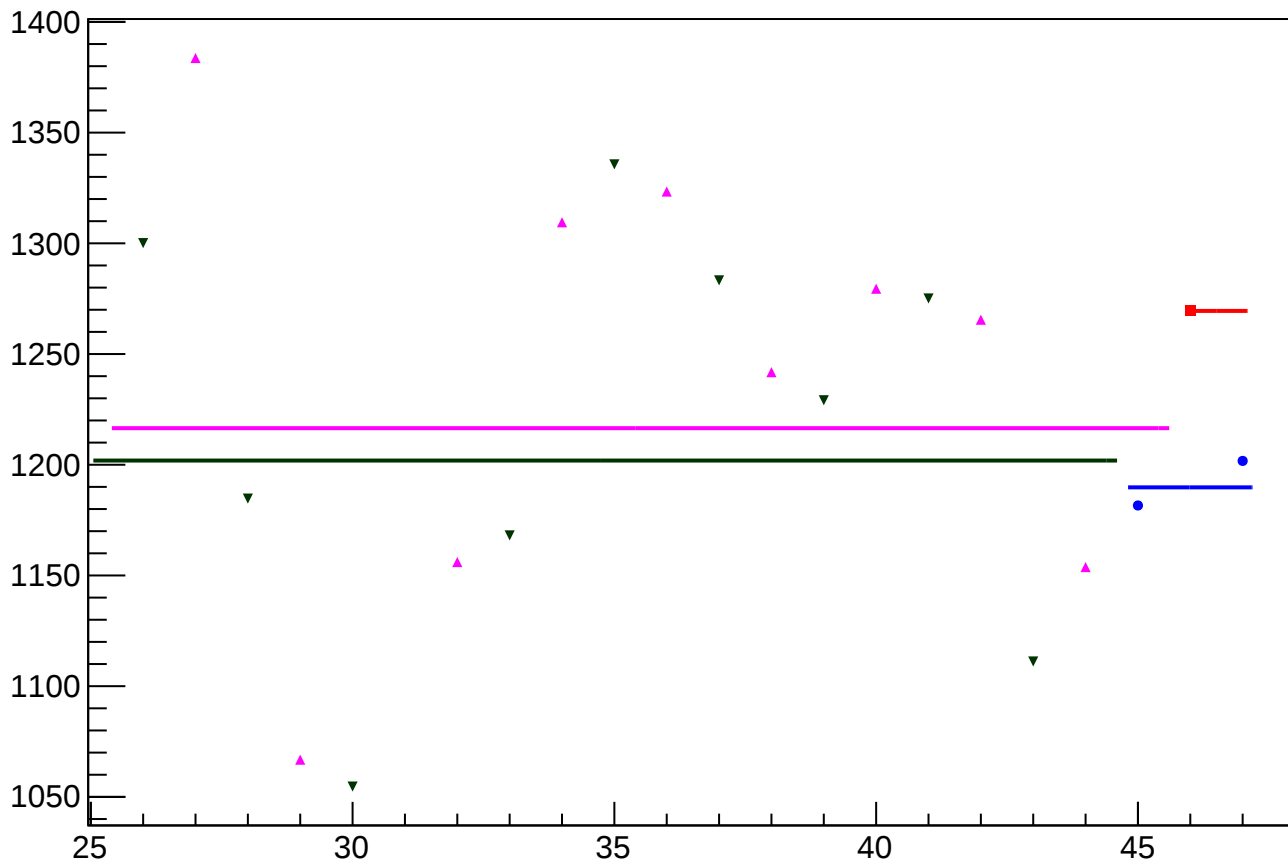
Right Out: -395.709+/-1947.108 χ^2/NDF : 0.0/0

Left In: 671.583+/-514.509 χ^2/NDF : 9.5/8

55.056+/-495.094 χ^2/NDF : 26.3/10

601.924+/-497.435 χ^2/NDF : 9.7/9

reg_asym_sam4_rms vs slug



Right In: 1189.791+/-0.822 χ^2/NDF : 144.5/1

Left Out: 1201.899+/-0.387 χ^2/NDF : 53101.4/8

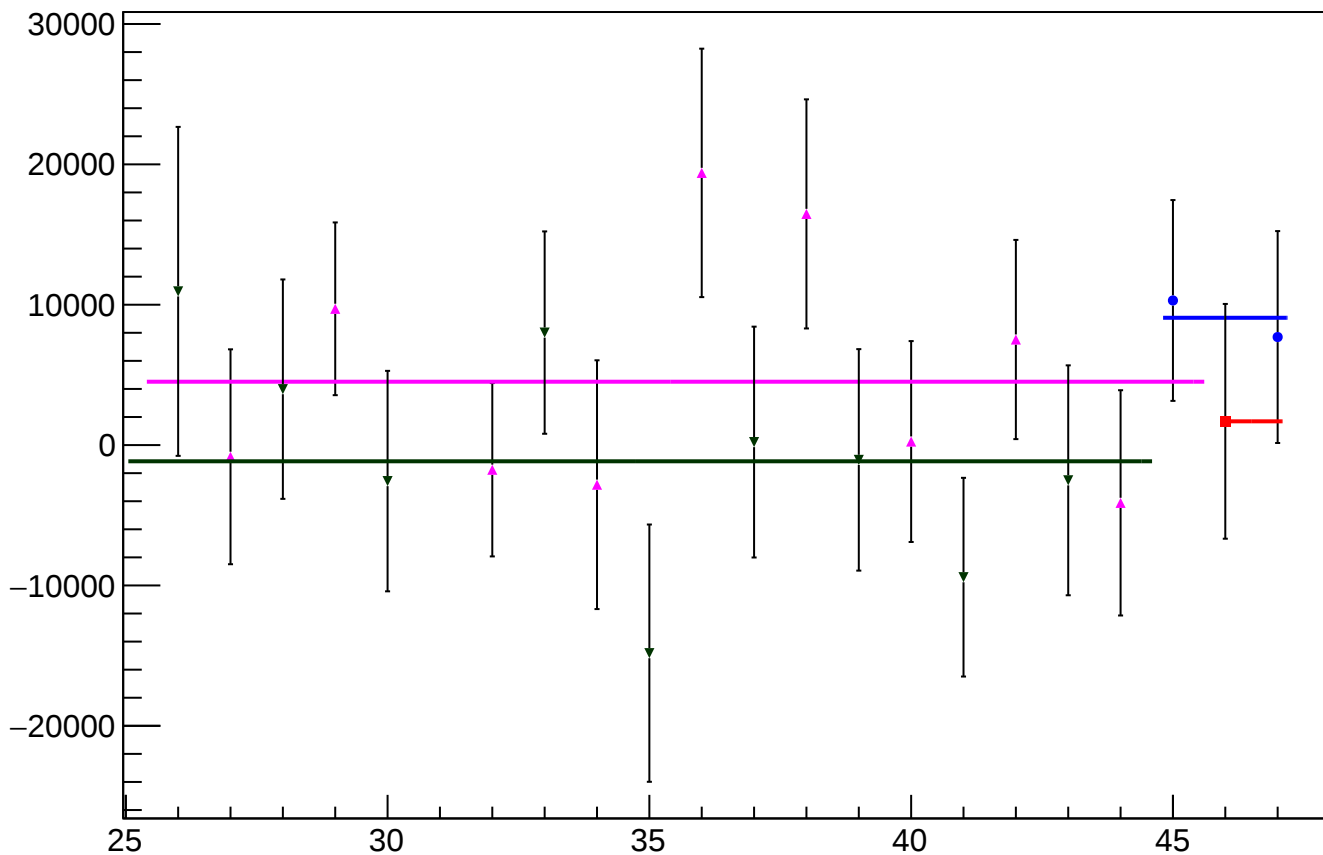
Right Out: 1269.472+/-1.377 χ^2/NDF : 0.0/0

Left In: 1216.519+/-0.364 χ^2/NDF : 81775.0/8

1199.705+/-0.350 χ^2/NDF : 53423.3/10

1219.975+/-0.352 χ^2/NDF : 83157.7/9

asym_sam4_correction_mean vs slug



Right In: 9070.211 $\pm$ 5192.253 χ^2 /NDF: 0.1/1

Left Out: -1154.532 $\pm$ 2704.371 χ^2 /NDF: 6.8/8

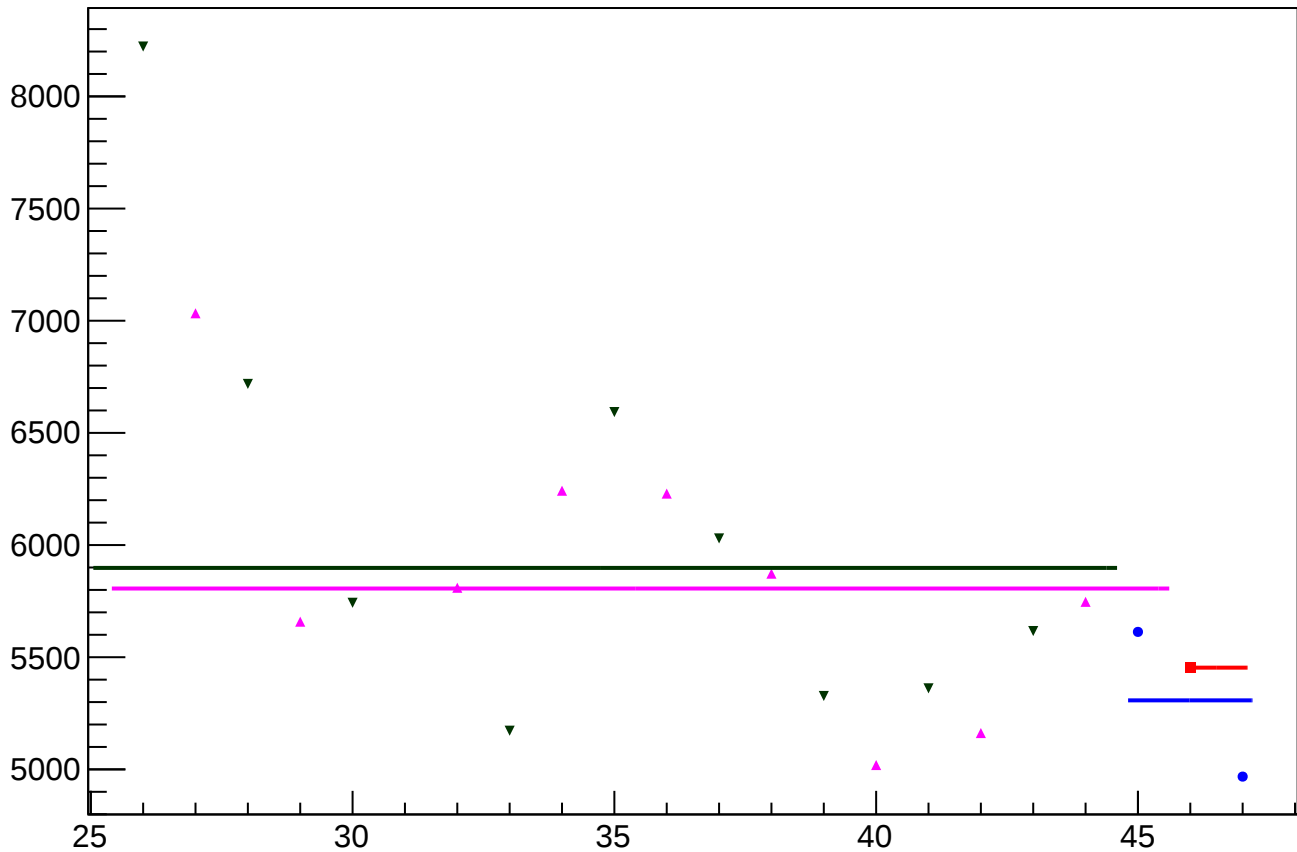
Right Out: 1692.521 $\pm$ 8362.967 χ^2 /NDF: 0.0/0

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

1027.350 $\pm$ 2398.531 χ^2 /NDF: 9.9/10

4289.937 $\pm$ 2360.779 χ^2 /NDF: 9.7/9

asym_sam4_correction_rms vs slug



Right In: 5307.675 +/- 3.671 χ^2/NDF : 7696.1/1

Left Out: 5898.122 +/- 1.912 χ^2/NDF : 158096.1/8

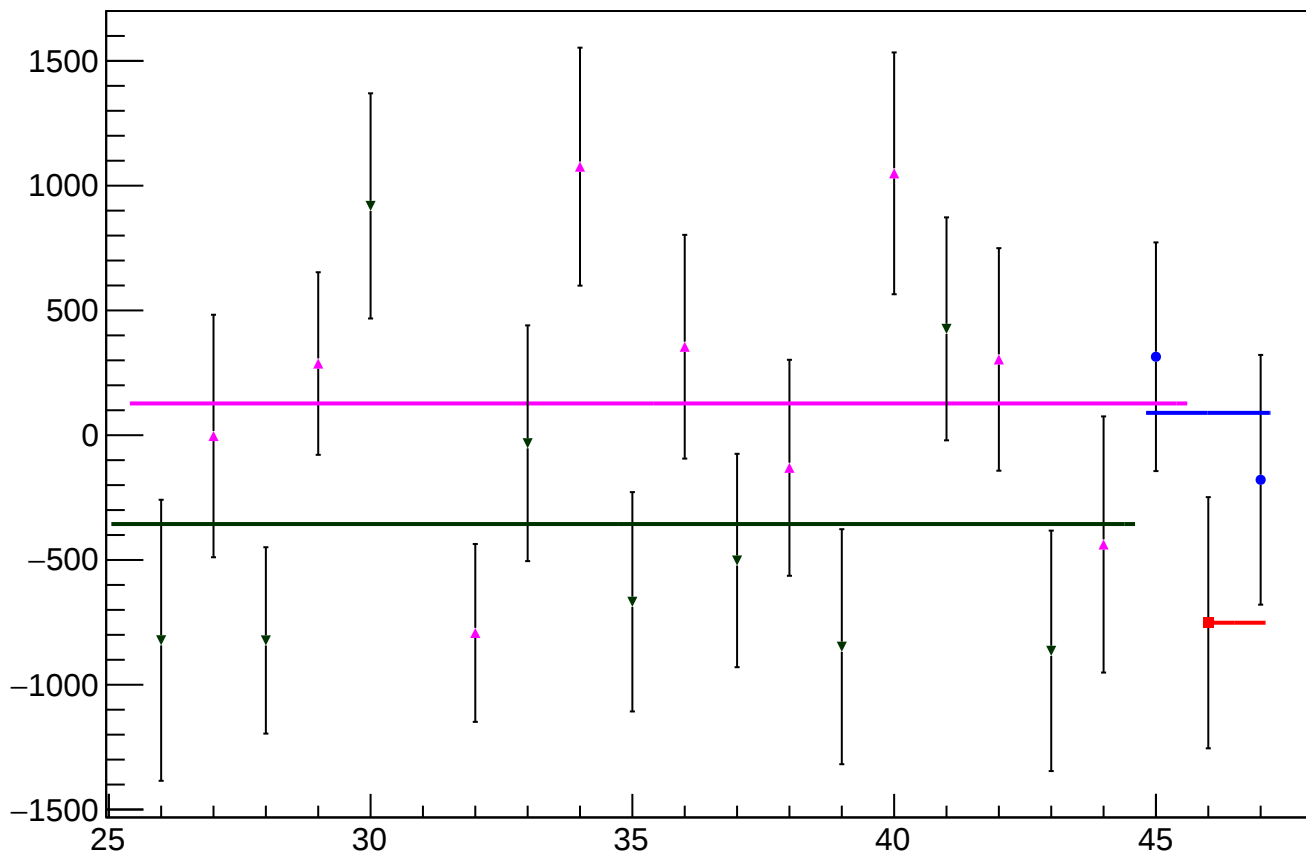
Right Out: 5453.497 +/- 5.914 χ^2/NDF : 0.0/0

Left In: 5806.244 +/- 1.740 χ^2/NDF : 102859.9/8

5772.125 +/- 1.696 χ^2/NDF : 186136.3/10

5778.135 +/- 1.669 χ^2/NDF : 106134.6/9

reg_asym_sam5_mean vs slug



Right In: 89.566+/-337.924 χ^2/NDF : 0.5/1

Left Out: -356.000+/-150.426 χ^2/NDF : 16.6/8

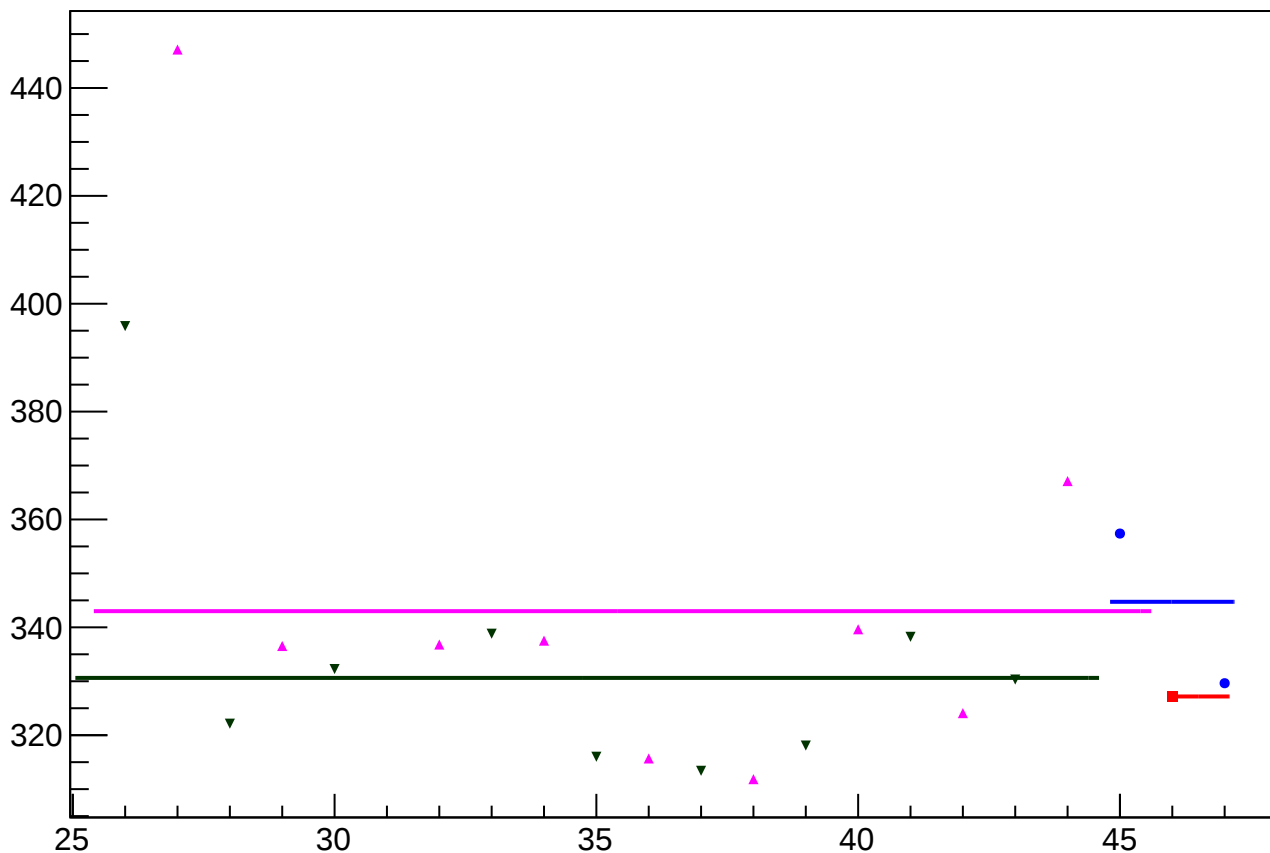
Right Out: -751.484+/-503.283 χ^2/NDF : 0.0/0

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-282.311+/-137.425 χ^2/NDF : 18.6/10

59.695+/-139.586 χ^2/NDF : 19.3/9

reg_asym_sam5_rms vs slug



Right In: 344.733+/-0.239 χ^2/NDF : 3345.1/1

Left Out: 330.623+/-0.106 χ^2/NDF : 35956.4/8

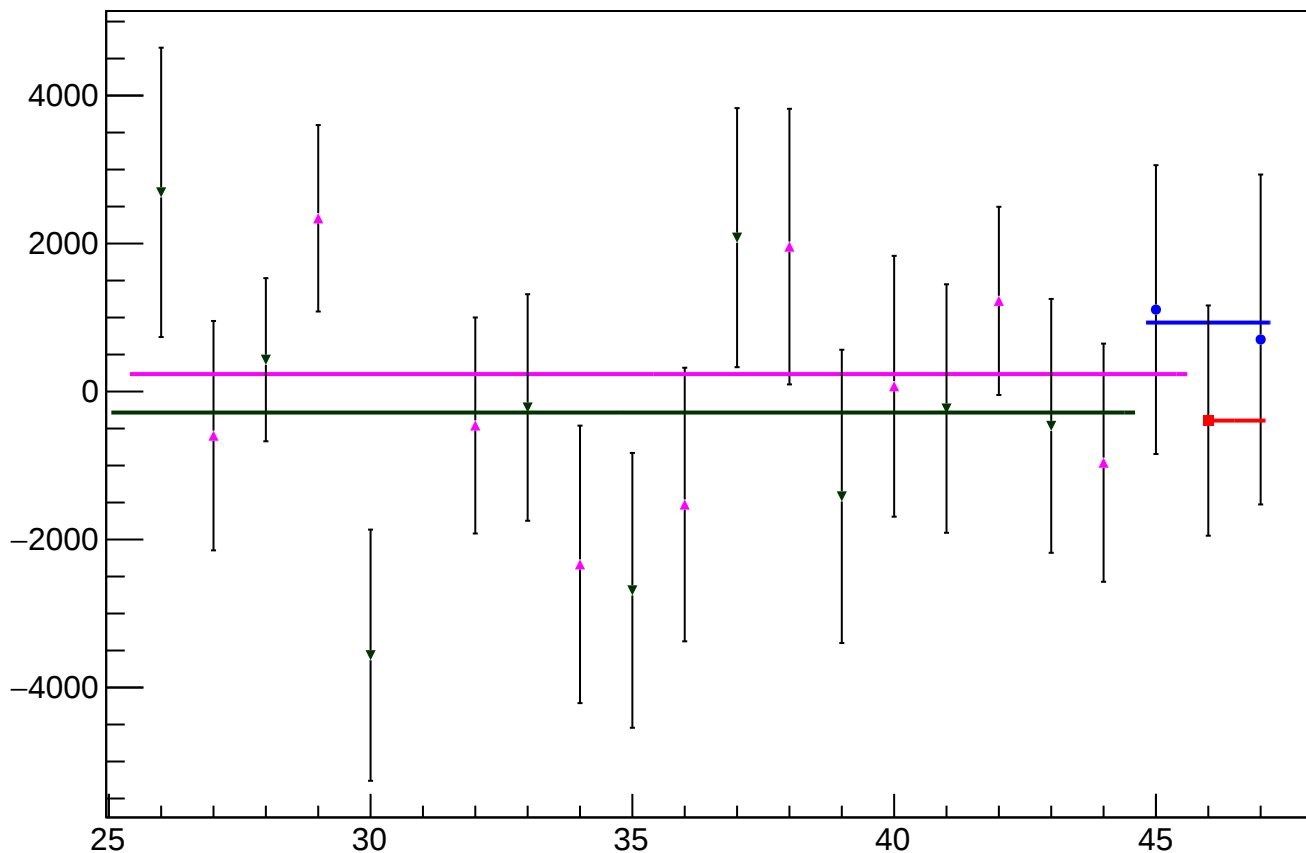
Right Out: 327.180+/-0.356 χ^2/NDF : 0.0/0

Left In: 342.999+/-0.103 χ^2/NDF : 119222.1/8

332.957+/-0.097 χ^2/NDF : 42211.9/10

341.782+/-0.099 χ^2/NDF : 121046.0/9

asym_sam5_correction_mean vs slug



Right In: 932.026+/-1468.538 χ^2/NDF : 0.0/1

Left Out: -283.767+/-540.454 χ^2/NDF :10.3/8

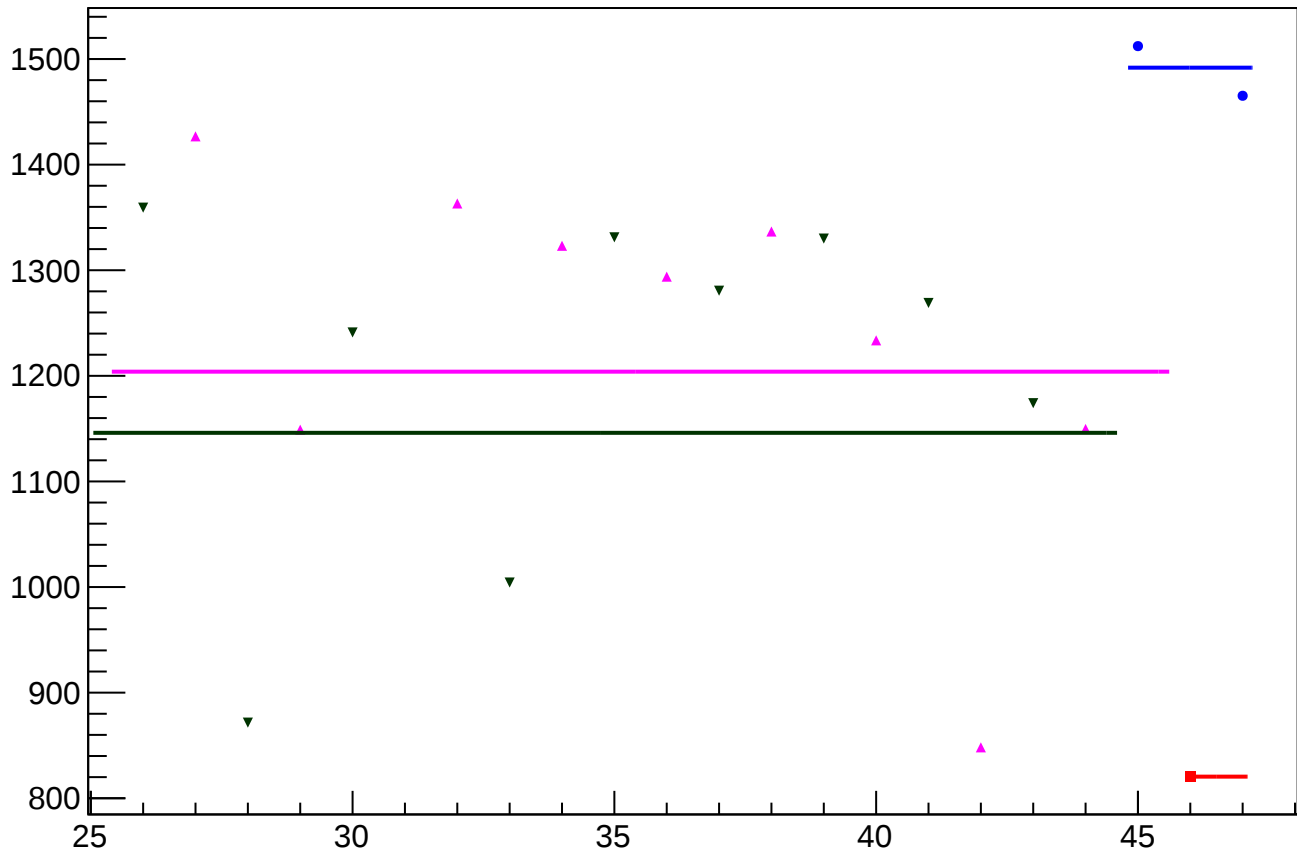
Right Out: -392.523+/-1555.895 χ^2/NDF : 0.0/0

Left In: 235.887+/-519.362 χ^2/NDF :8.1/8

-138.742+/-507.197 χ^2/NDF : 10.9/10

172.886+/-492.641 χ^2/NDF : 8.3/9

asym_sam5_correction_rms vs slug



Right In: 1491.817+/-1.038 χ^2/NDF : 503.4/1

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

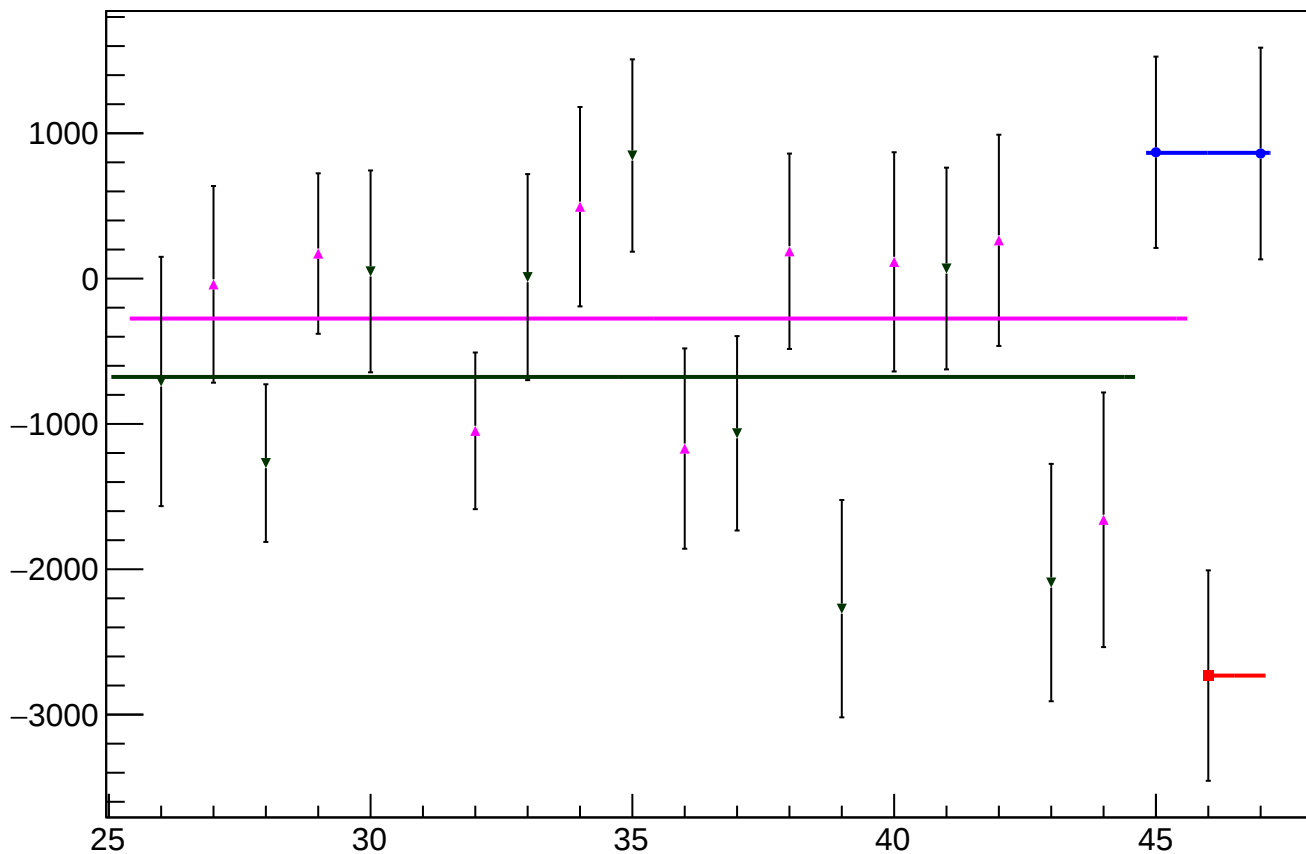
1187.283+/-0.359 χ^2/NDF : 329503.8/10

Right Out: 820.465+/-1.100 χ^2/NDF : 0.0/0

1165.503+/-0.348 χ^2/NDF : 360611.3/9

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

reg_asym_sam6_mean vs slug



Right In: 865.386+/-488.344 χ^2/NDF : 0.0/1

Left Out: -676.628+/-231.223 χ^2/NDF : 17.6/8

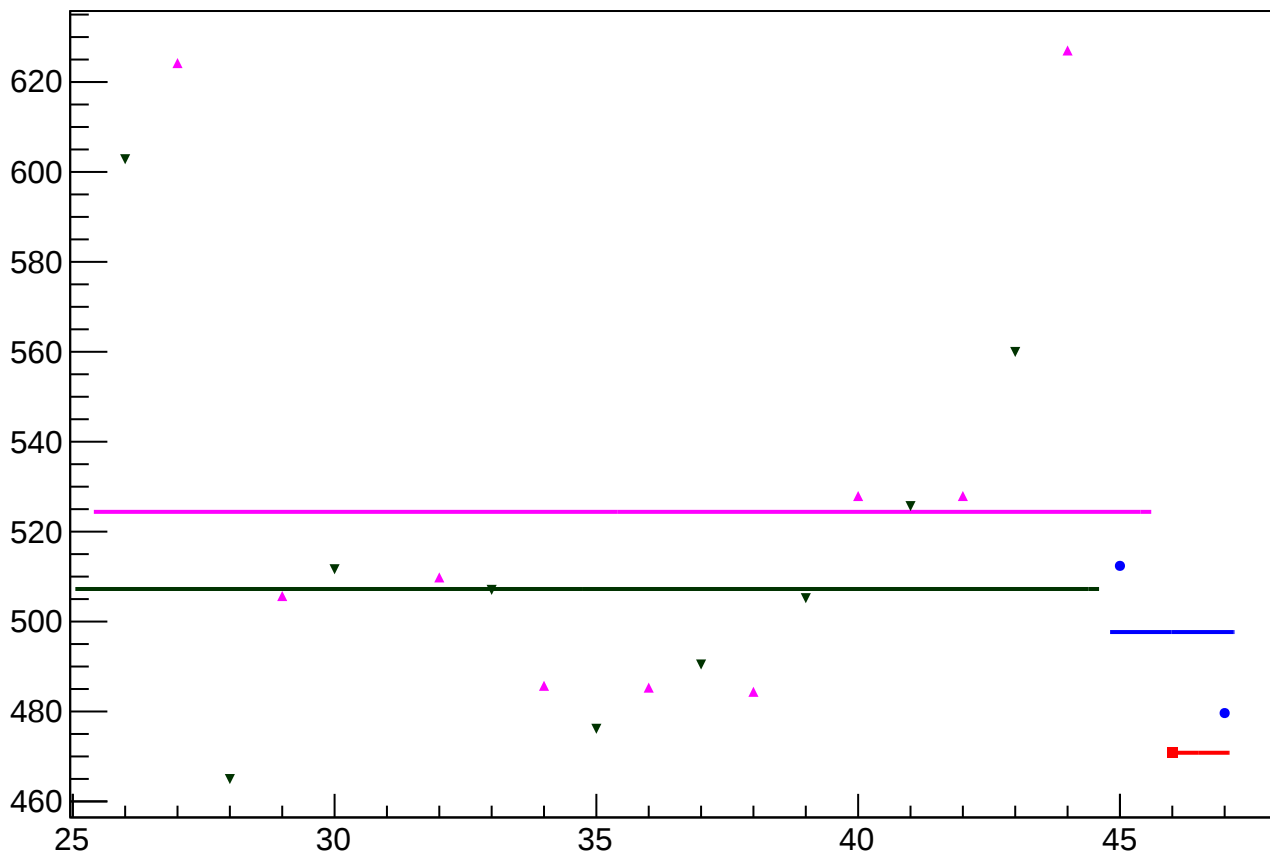
Right Out: -2731.550+/-723.988 χ^2/NDF : 0.0/0

Left In: -274.897+/-221.916 χ^2/NDF : 9.6/8

-394.236+/-208.981 χ^2/NDF : 25.7/10

-485.886+/-212.173 χ^2/NDF : 20.1/9

reg_asym_sam6_rms vs slug



Right In: 497.669+/-0.345 χ^2/NDF : 2224.8/1

Left Out: 507.245+/-0.163 χ^2/NDF : 52506.9/8

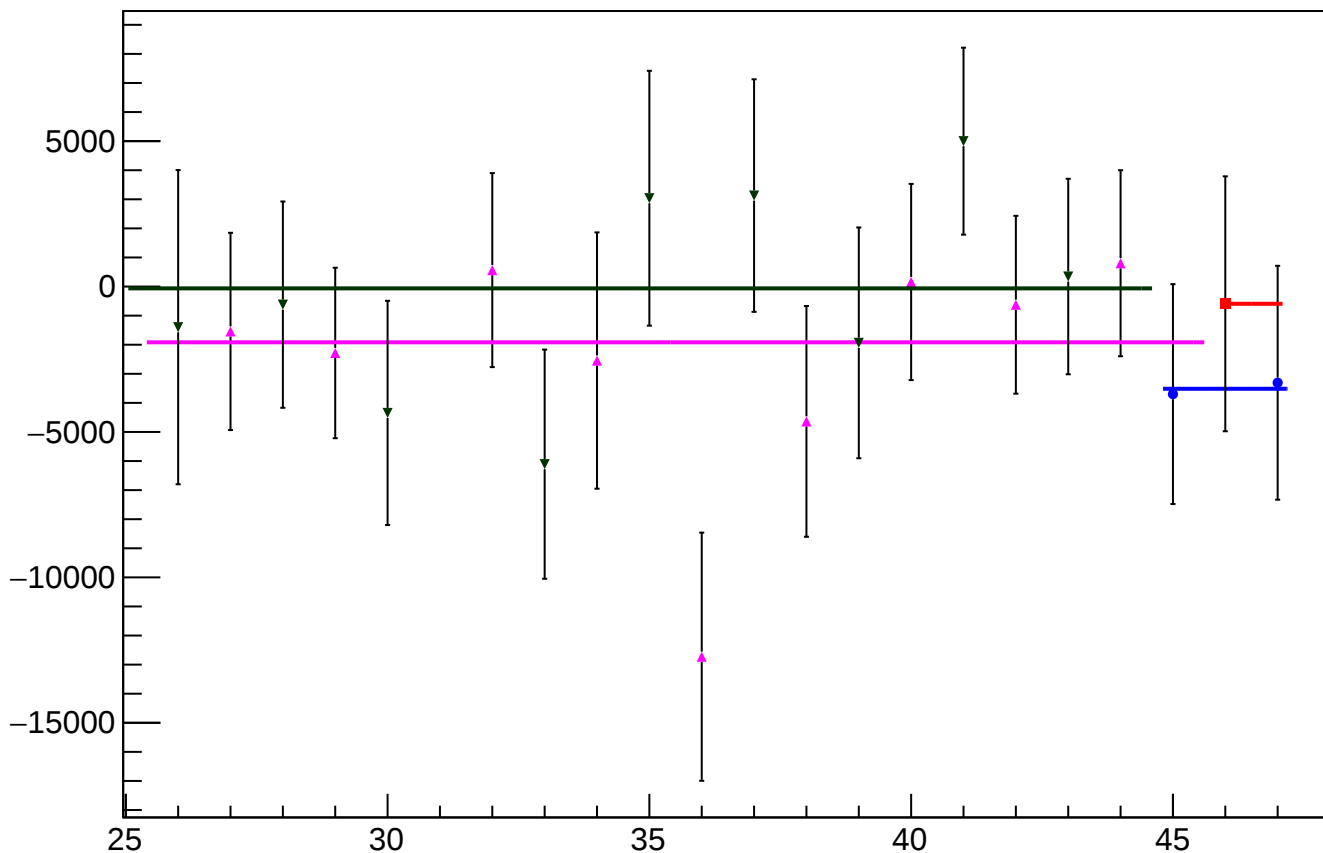
Right Out: 470.821+/-0.512 χ^2/NDF : 0.0/0

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

505.491+/-0.148 χ^2/NDF : 55360.0/10

519.800+/-0.150 χ^2/NDF : 104723.1/9

asym_sam6_correction_mean vs slug



Right In: -3514.972 ± 2754.083 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -62.354 ± 1281.480 $\chi^2/\text{NDF}: 7.5/8$

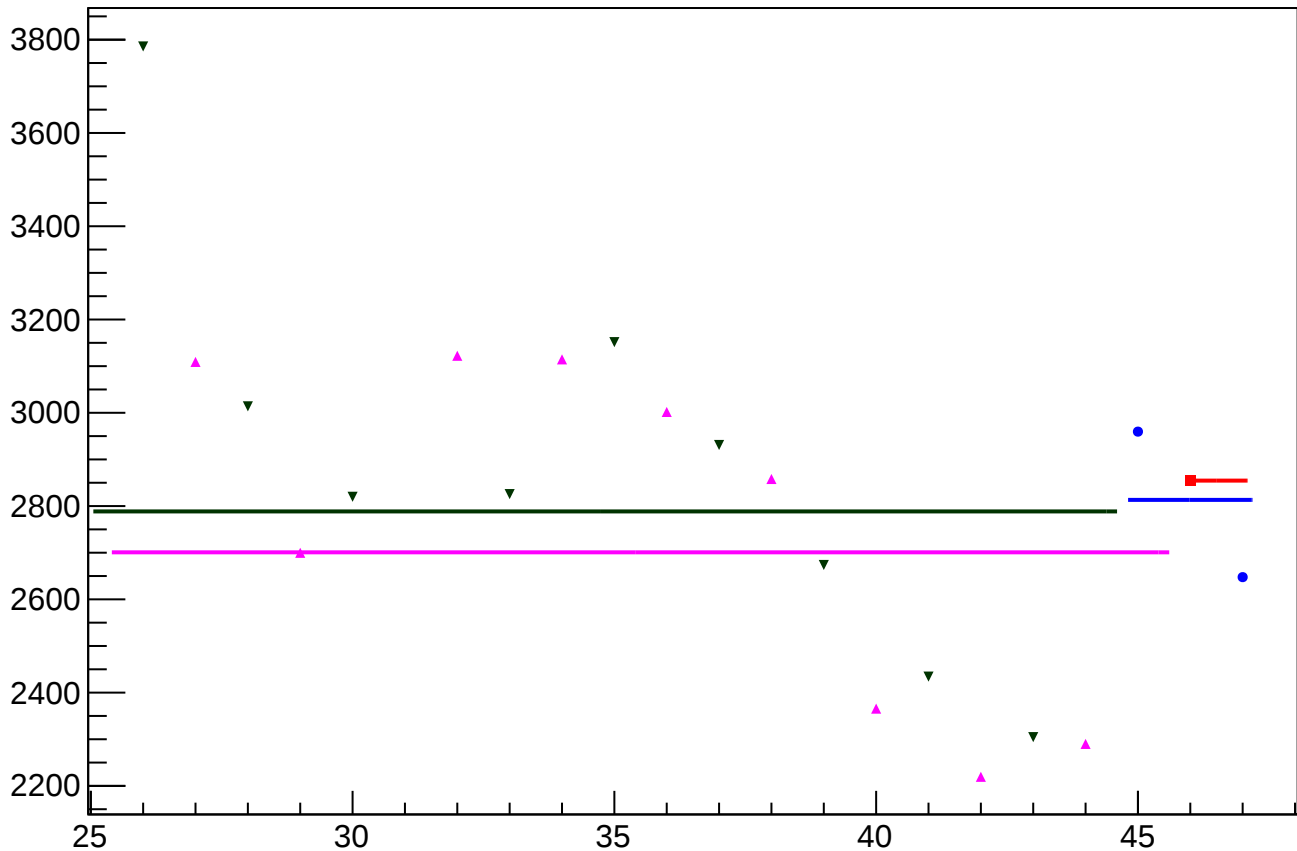
Right Out: -592.692 ± 4382.696 $\chi^2/\text{NDF}: 0.0/0$

Left In: -1917.139 ± 1150.328 $\chi^2/\text{NDF}: 8.8/8$

-676.829 ± 1161.863 $\chi^2/\text{NDF}: 8.8/10$

-1831.778 ± 1112.641 $\chi^2/\text{NDF}: 8.9/9$

asym_sam6_correction_rms vs slug



Right In: 2813.252+/-1.947 χ^2/NDF : 6392.4/1

Left Out: 2788.520+/-0.906 χ^2/NDF :160197.2/8

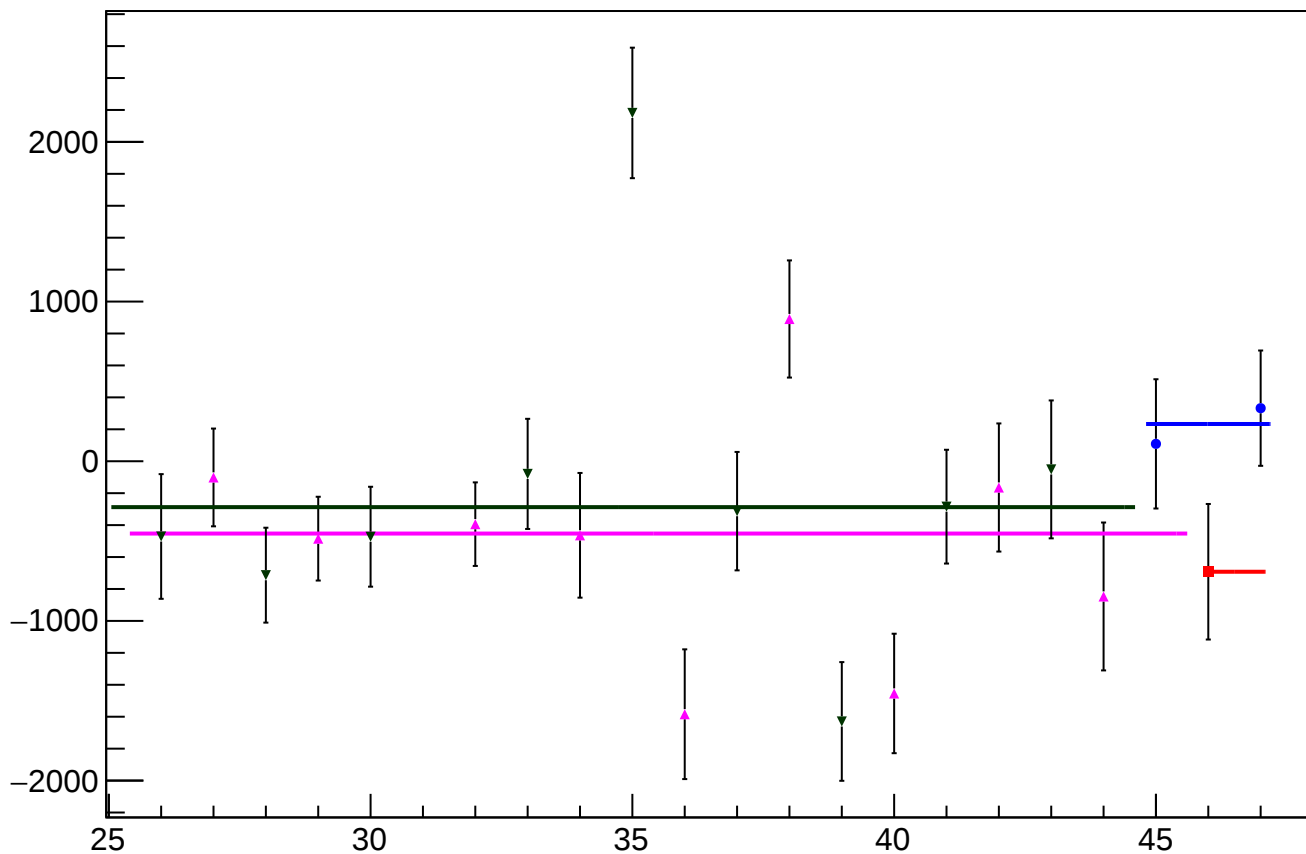
Right Out: 2854.593+/-3.099 χ^2/NDF : 0.0/0

Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

2792.921+/-0.822 χ^2/NDF : 166722.1/10

2710.718+/-0.787 χ^2/NDF : 196237.9/9

reg_asym_sam7_mean vs slug



Right In: 233.291 ± 269.463 χ^2/NDF : 0.2/1

Left Out: -287.418 ± 119.318 χ^2/NDF : 52.8/8

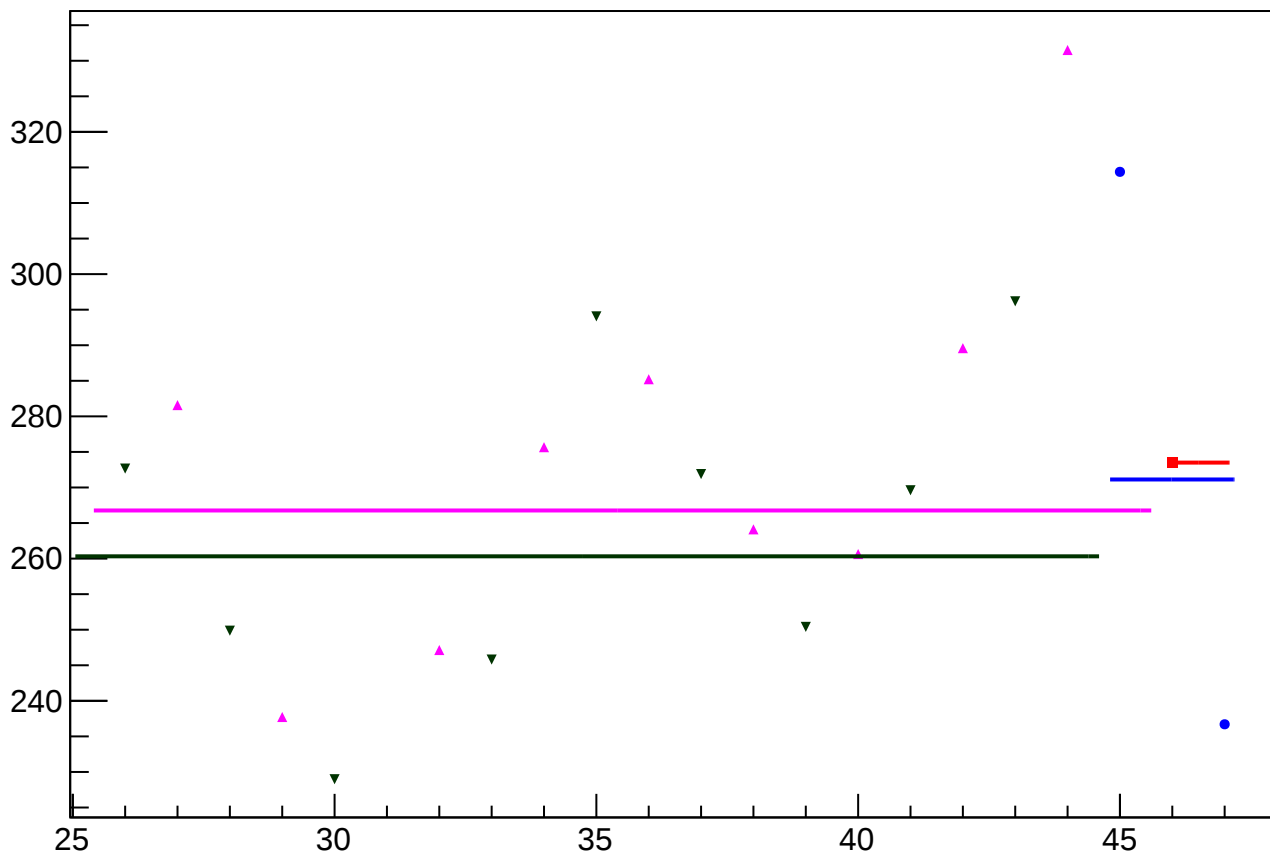
Right Out: -692.106 ± 424.492 χ^2/NDF : 0.0/0

Left In: -452.872 ± 113.322 χ^2/NDF : 31.0/8

-202.058 ± 109.101 χ^2/NDF : 56.1/10

-468.788 ± 109.488 χ^2/NDF : 31.3/9

reg_asym_sam7_rms vs slug



Right In: 271.125 ± 0.191 χ^2/NDF : 41012.6/1

Left Out: 260.321 ± 0.084 χ^2/NDF : 60237.4/8

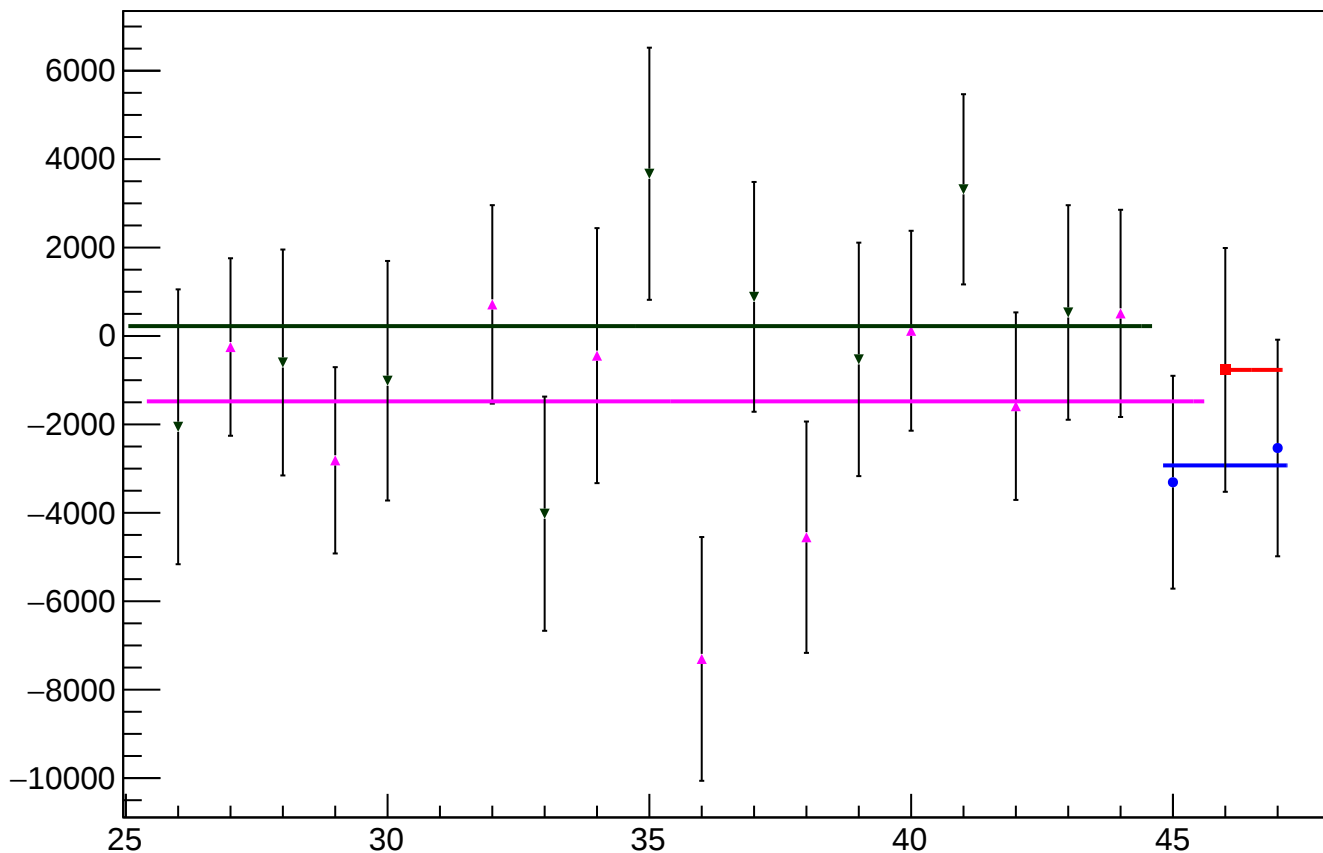
Right Out: 273.499 ± 0.300 χ^2/NDF : 0.0/0

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

262.092 ± 0.077 χ^2/NDF : 103938.5/10

267.215 ± 0.077 χ^2/NDF : 92272.9/9

asym_sam7_correction_mean vs slug



Right In: -2927.516 ± 1716.890 χ^2/NDF : 0.1/1

Left Out: 223.347 ± 865.231 χ^2/NDF : 7.1/8

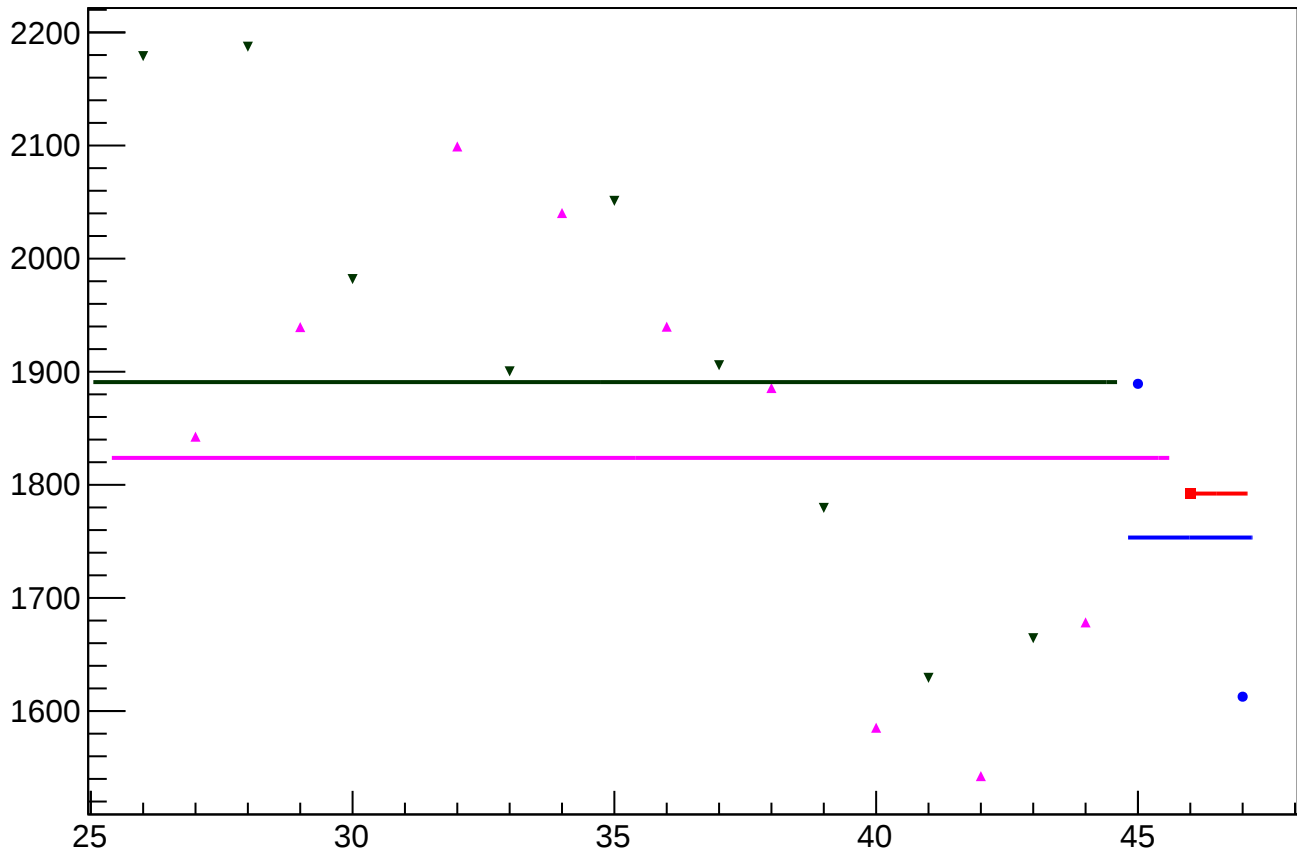
Right Out: -766.925 ± 2757.349 χ^2/NDF : 0.0/0

Left In: -1478.705 ± 773.885 χ^2/NDF : 8.9/8

-414.802 ± 772.661 χ^2/NDF : 9.8/10

-1426.731 ± 745.095 χ^2/NDF : 9.0/9

asym_sam7_correction_rms vs slug



Right In: 1753.409+/-1.214 χ^2/NDF : 12974.9/1

Left Out: 1890.834+/-0.612 χ^2/NDF : 103303.6/8

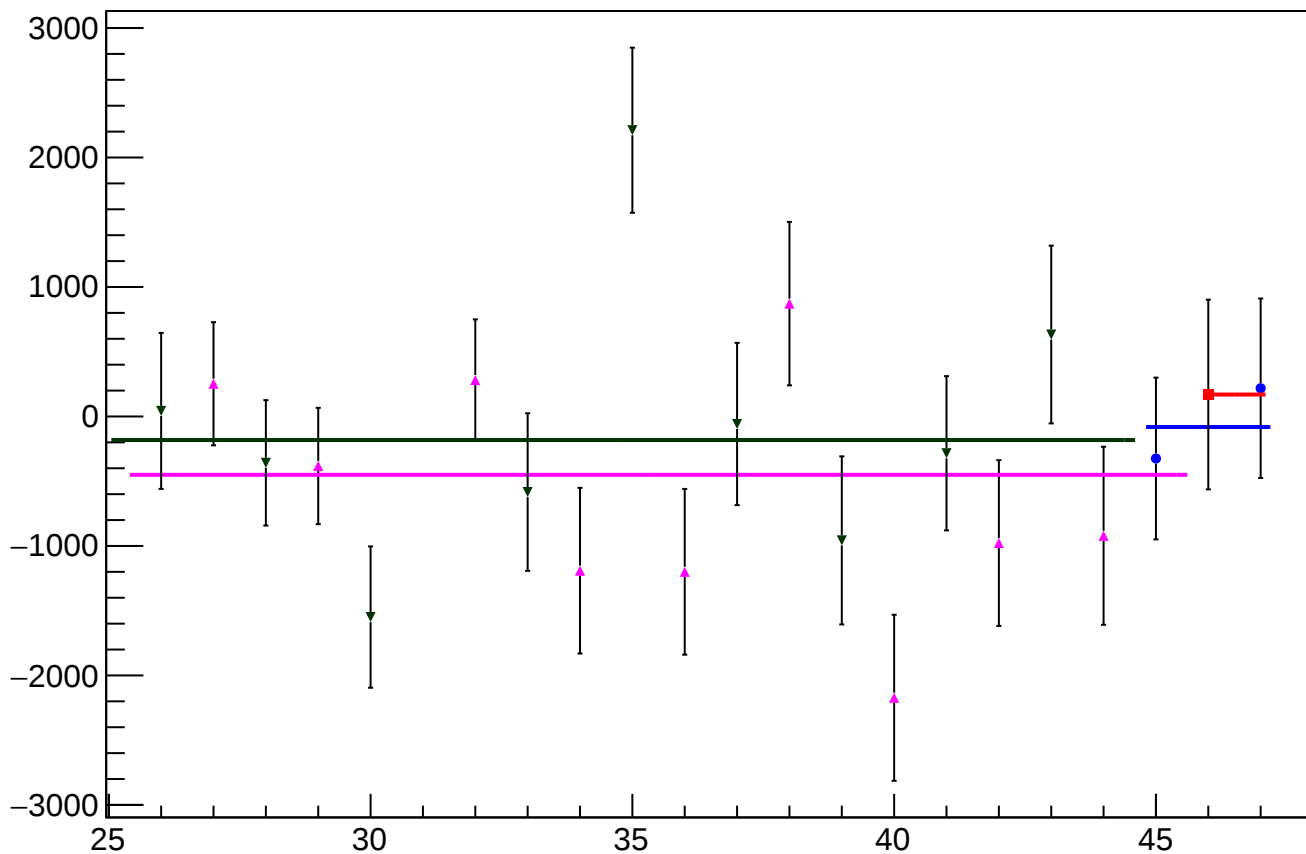
Right Out: 1792.279+/-1.950 χ^2/NDF : 0.0/0

Left In: 1823.820+/-0.547 χ^2/NDF : 117391.1/8

1863.001+/-0.546 χ^2/NDF : 126497.0/10

1821.517+/-0.527 χ^2/NDF : 117633.7/9

reg_asym_sam8_mean vs slug



Right In: -81.392 $\pm$ 463.939 χ^2 /NDF: 0.3/1

Left Out: -181.996 $\pm$ 198.404 χ^2 /NDF:24.0/8

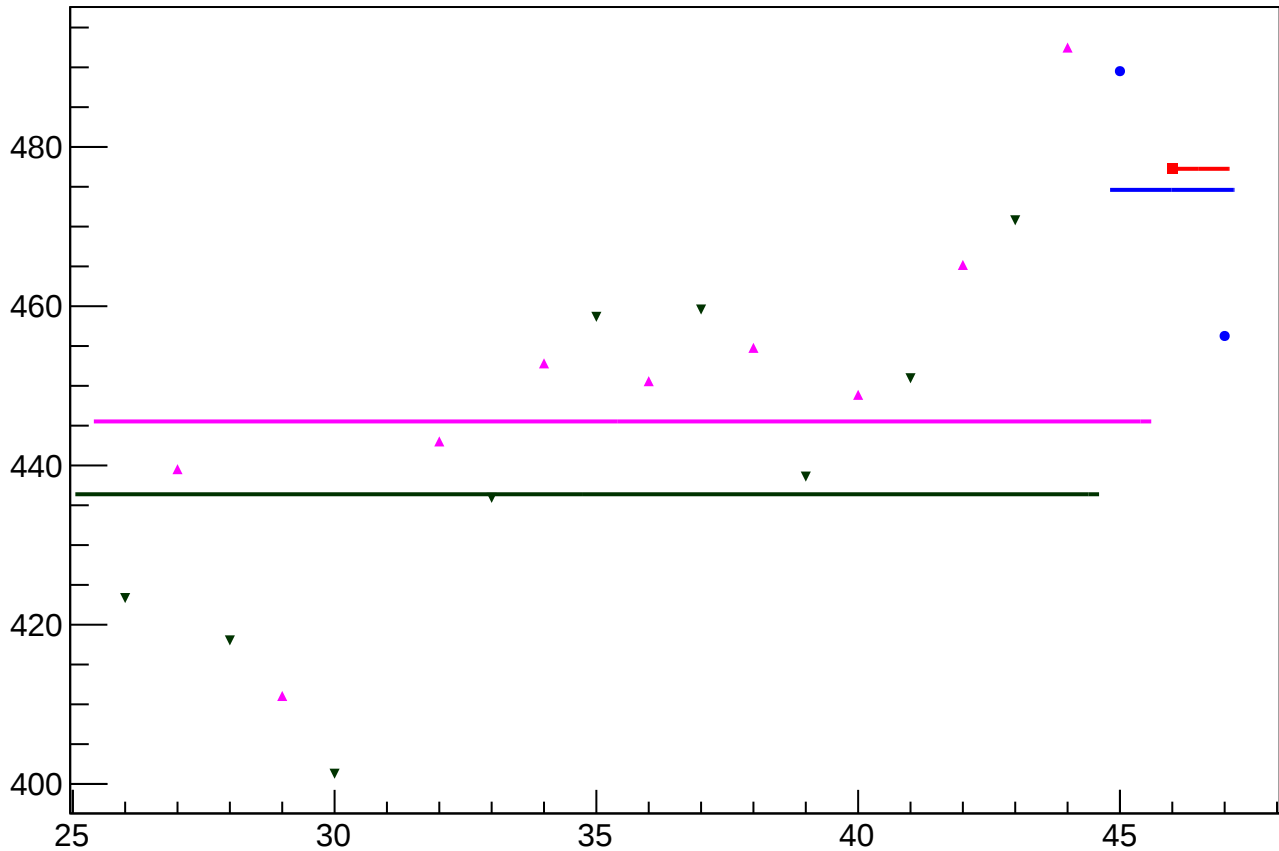
Right Out: 169.429 $\pm$ 732.580 χ^2 /NDF: 0.0/0

Left In: -450.653 $\pm$ 187.903 χ^2 /NDF:20.1/8

-166.442 $\pm$ 182.423 χ^2 /NDF: 24.4/10

-412.376 $\pm$ 182.011 χ^2 /NDF: 20.8/9

reg_asym_sam8_rms vs slug



Right In: 474.612 ± 0.328 χ^2/NDF : 2541.9/1

Left Out: 436.383 ± 0.140 χ^2/NDF : 23517.4/8

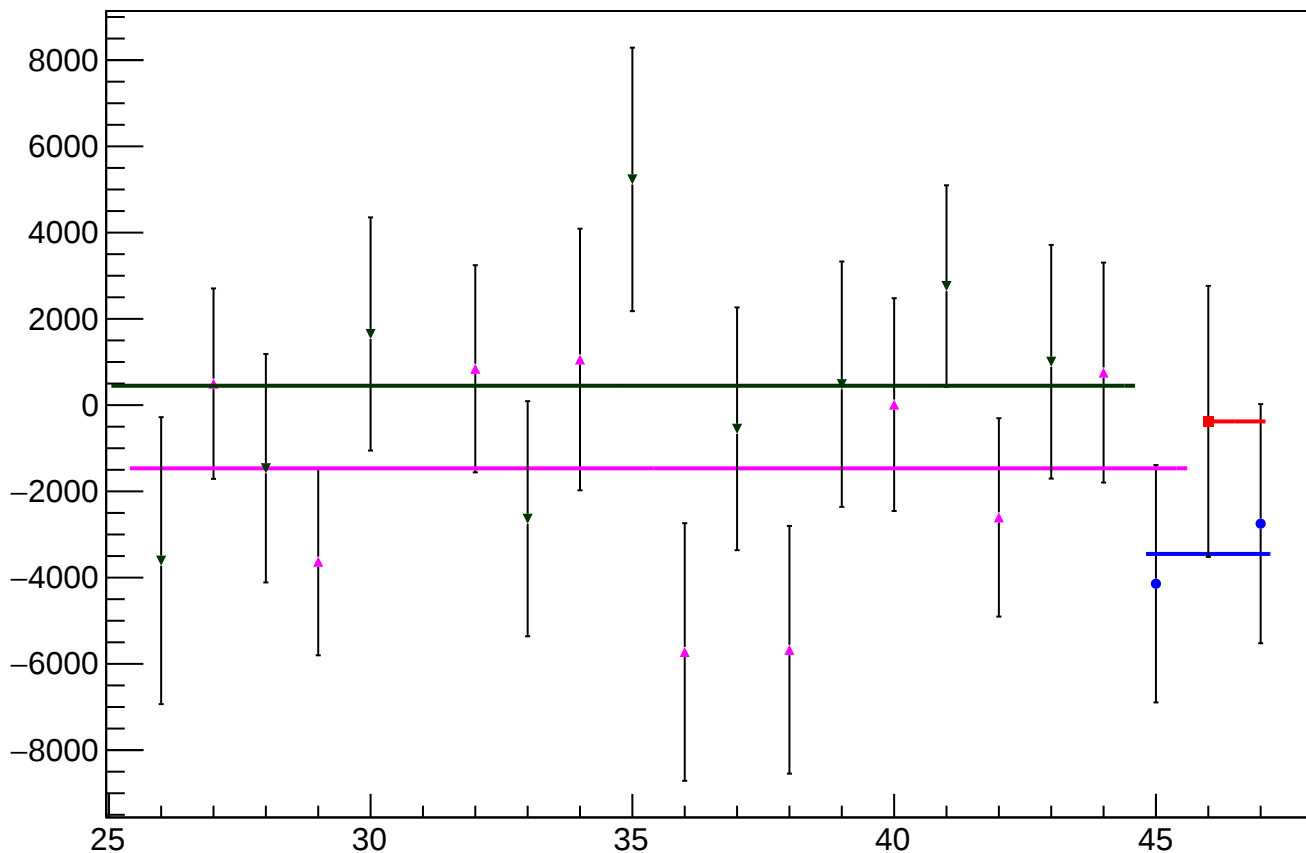
Right Out: 477.258 ± 0.518 χ^2/NDF : 0.0/0

Left In: 445.528 ± 0.133 χ^2/NDF : 24241.7/8

442.293 ± 0.129 χ^2/NDF : 37539.5/10

447.487 ± 0.129 χ^2/NDF : 27761.9/9

asym_sam8_correction_mean vs slug



Right In: -3450.696 ± 1953.255 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 449.371 ± 920.334 $\chi^2/\text{NDF}: 7.1/8$

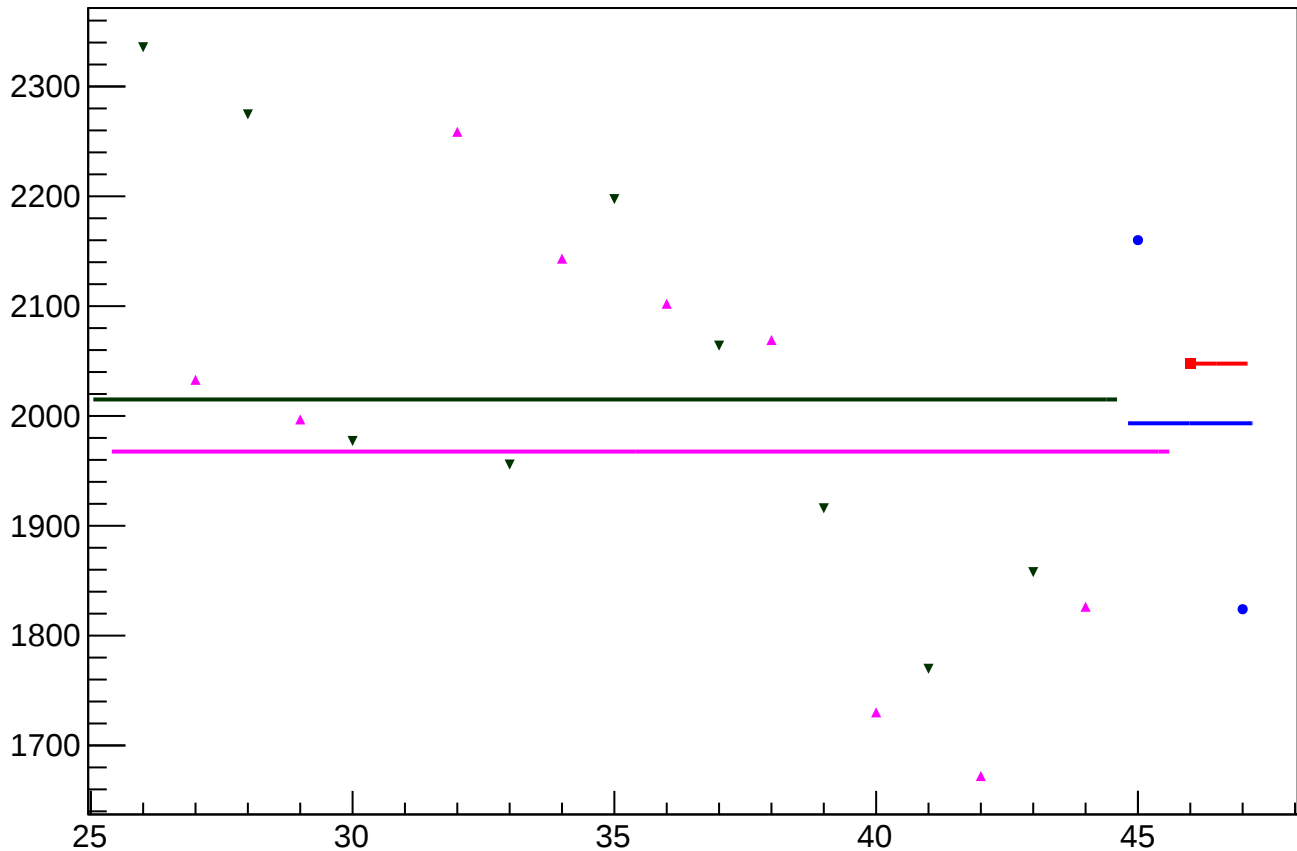
Right Out: -378.183 ± 3142.895 $\chi^2/\text{NDF}: 0.0/0$

Left In: -1466.179 ± 833.373 $\chi^2/\text{NDF}: 8.9/8$

-259.178 ± 832.546 $\chi^2/\text{NDF}: 10.5/10$

-1394.707 ± 805.535 $\chi^2/\text{NDF}: 9.1/9$

asym_sam8_correction_rms vs slug



Right In: 1993.333 ± 1.381 χ^2/NDF : 14798.2/1

Left Out: 2015.018 ± 0.651 χ^2/NDF : 78061.6/8

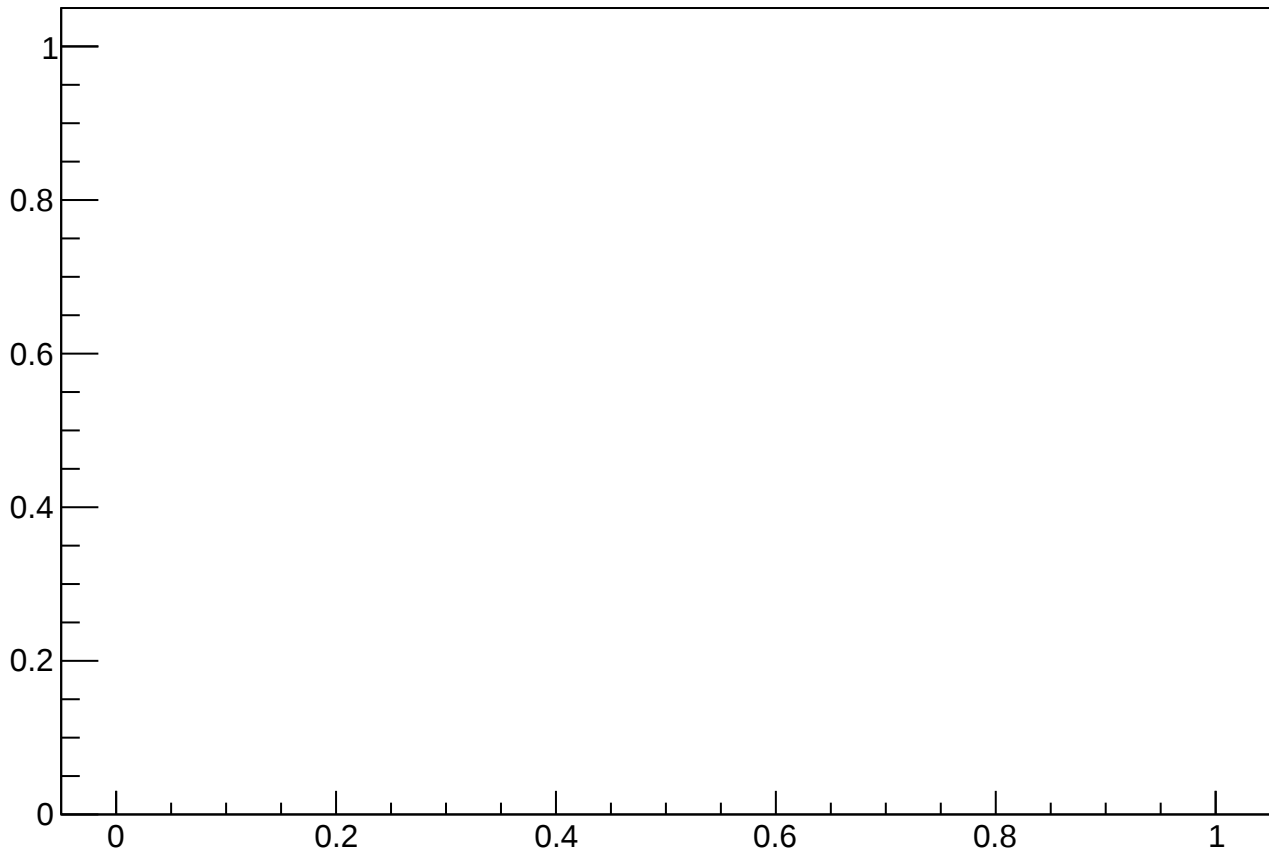
Right Out: 2047.662 ± 2.222 χ^2/NDF : 0.0/0

Left In: 1967.585 ± 0.589 χ^2/NDF : 102442.6/8

2011.078 ± 0.589 χ^2/NDF : 93061.5/10

1972.845 ± 0.570 χ^2/NDF : 103655.7/9

bcm_an_us_ds3_avg_mean vs slug



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

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

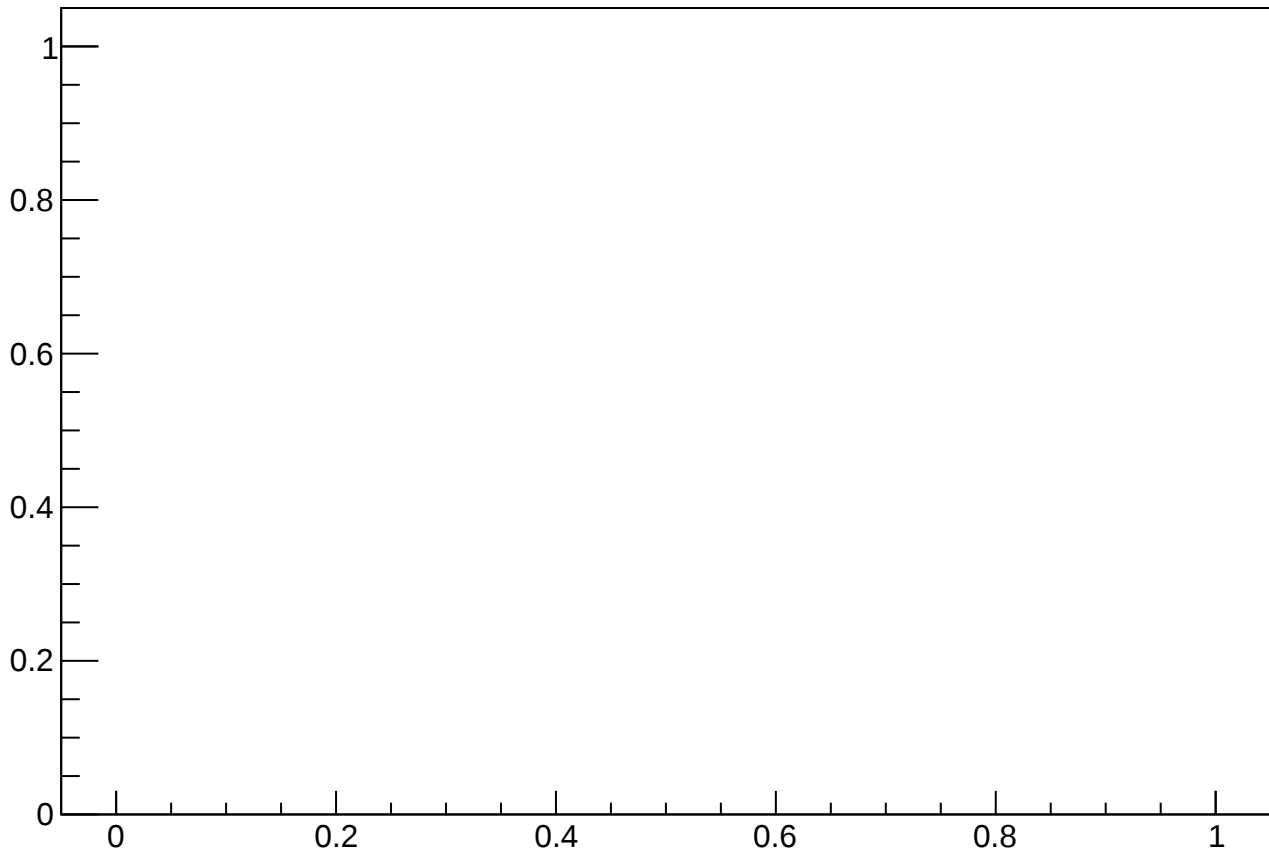
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_avg_rms vs slug



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

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

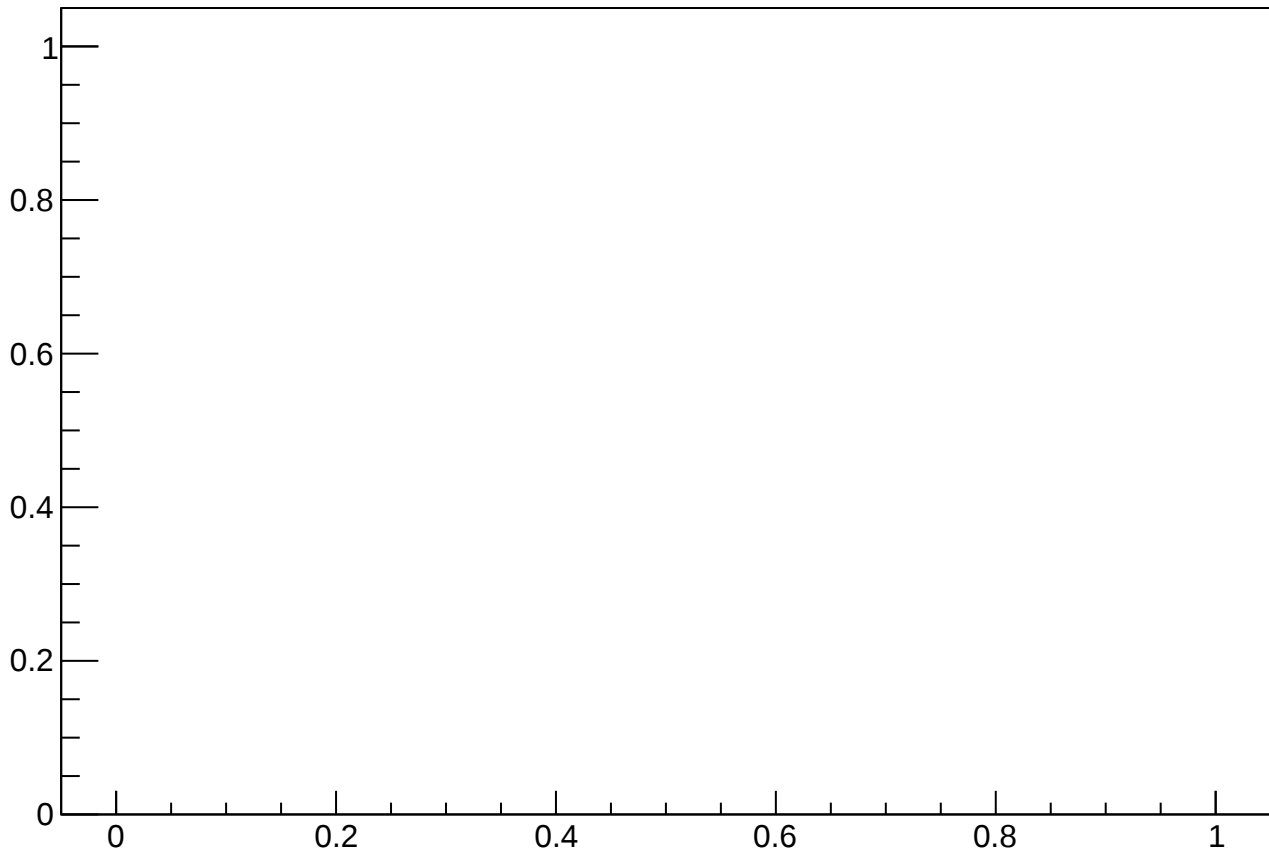
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

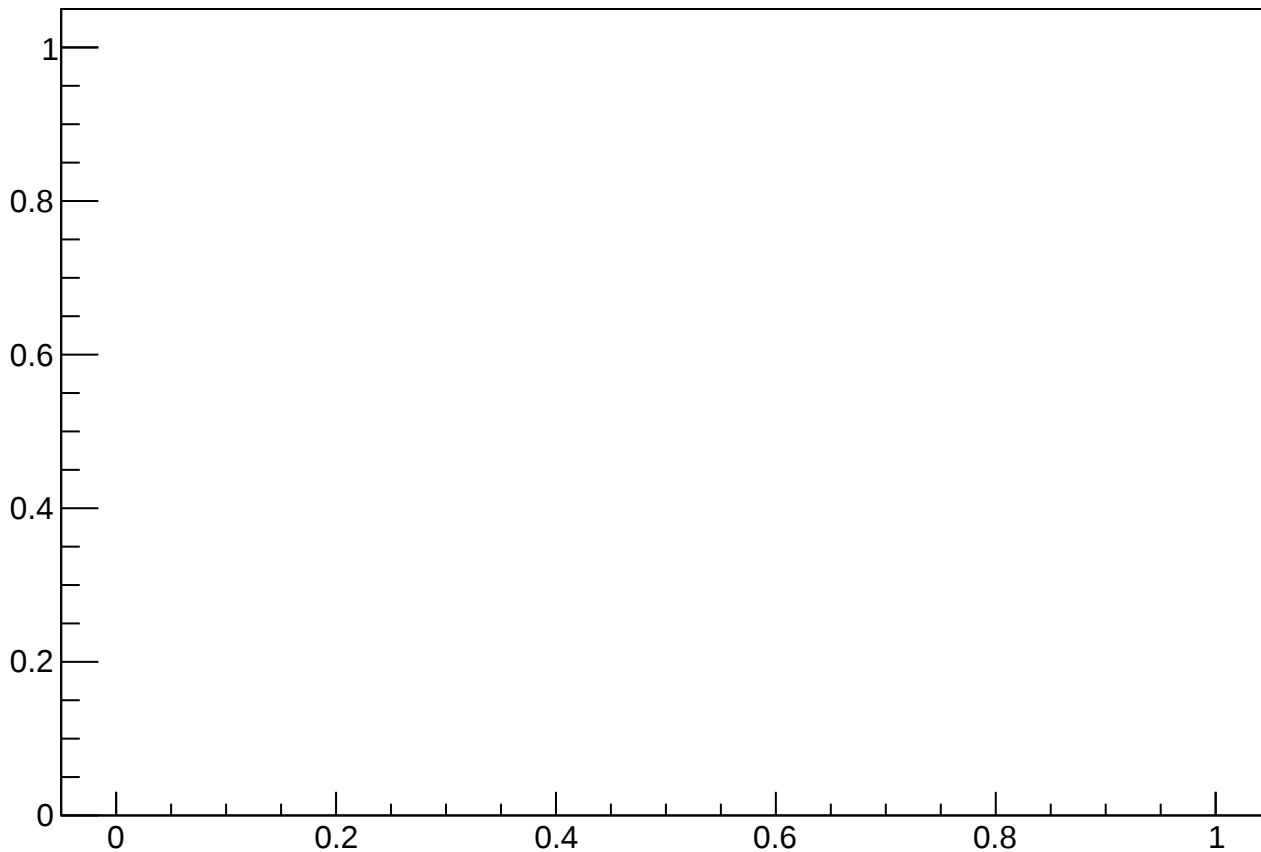
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_ds_ds3_avg_rms vs slug



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

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

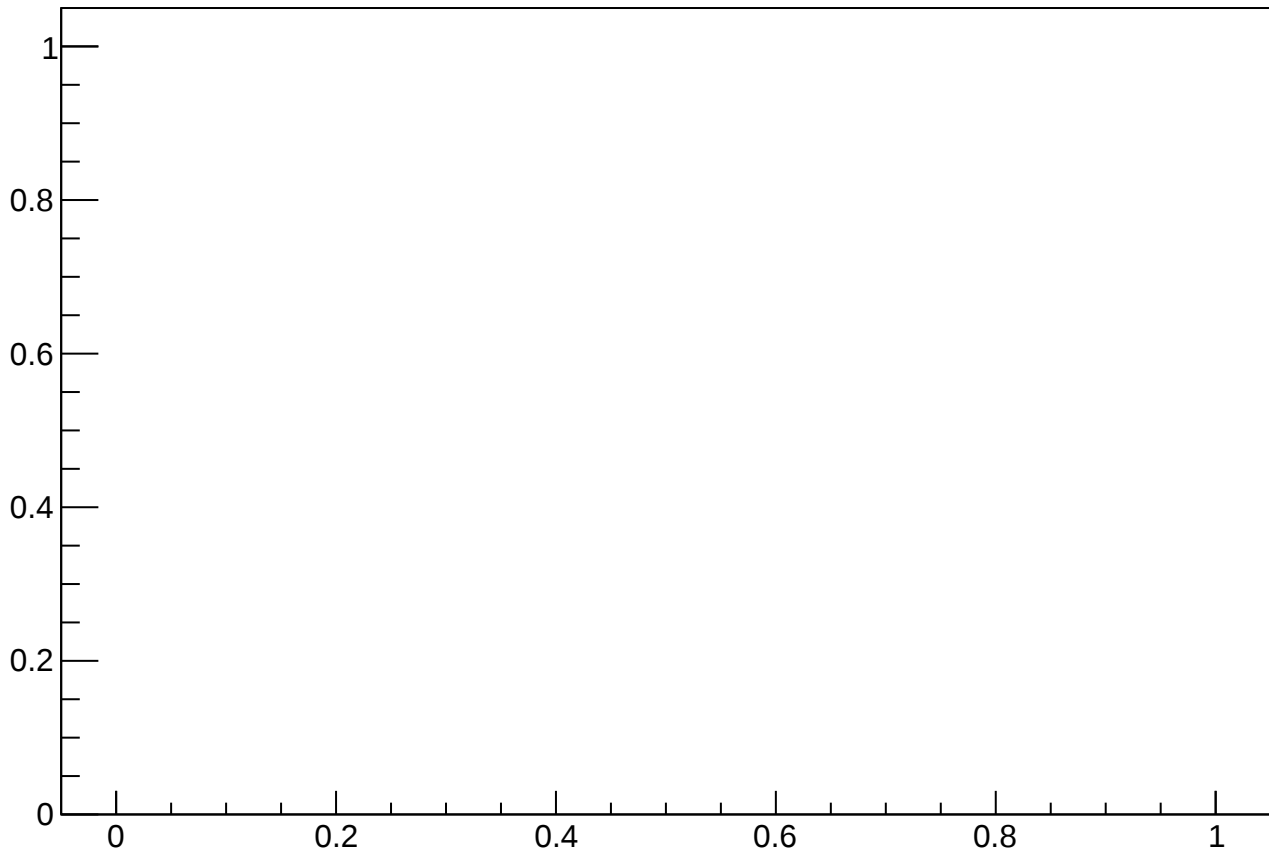
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

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

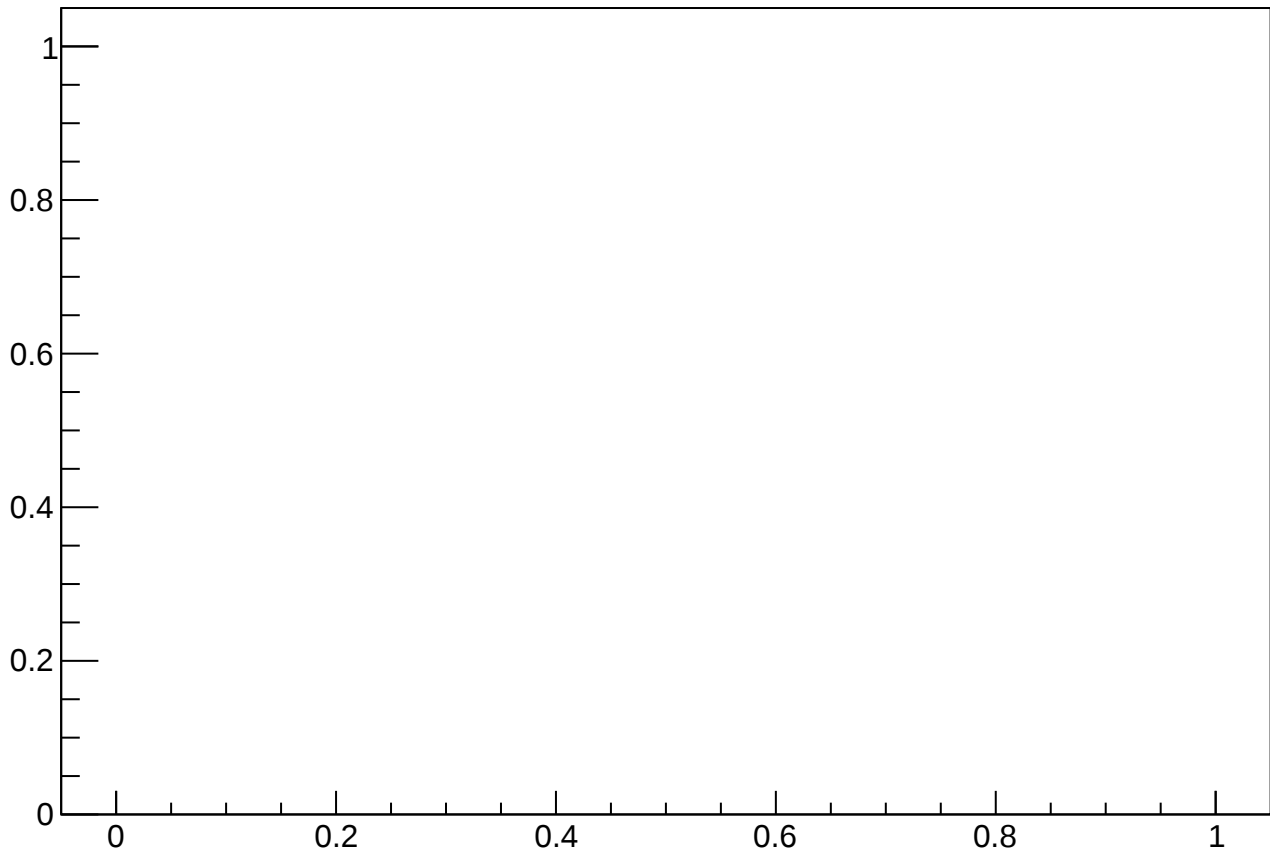
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_rms vs slug



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

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

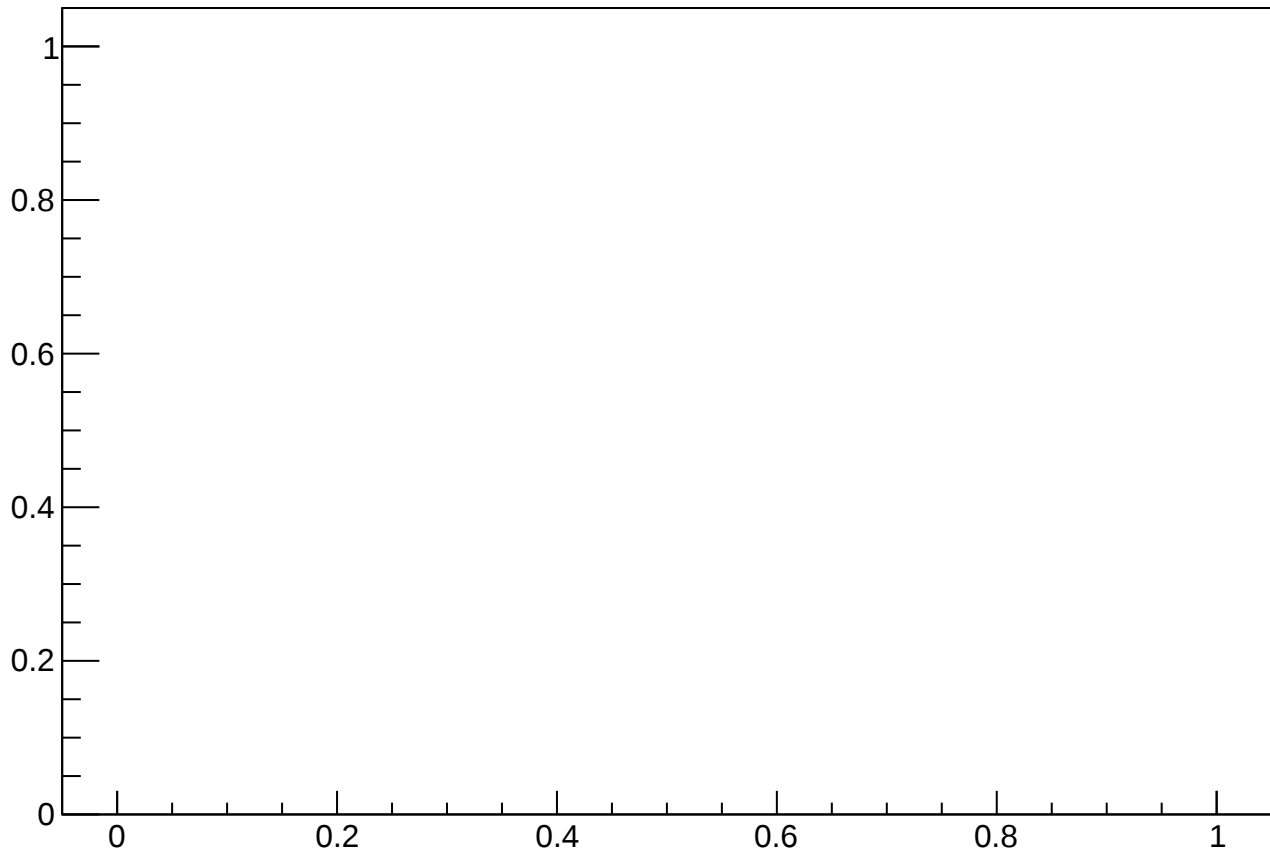
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



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

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

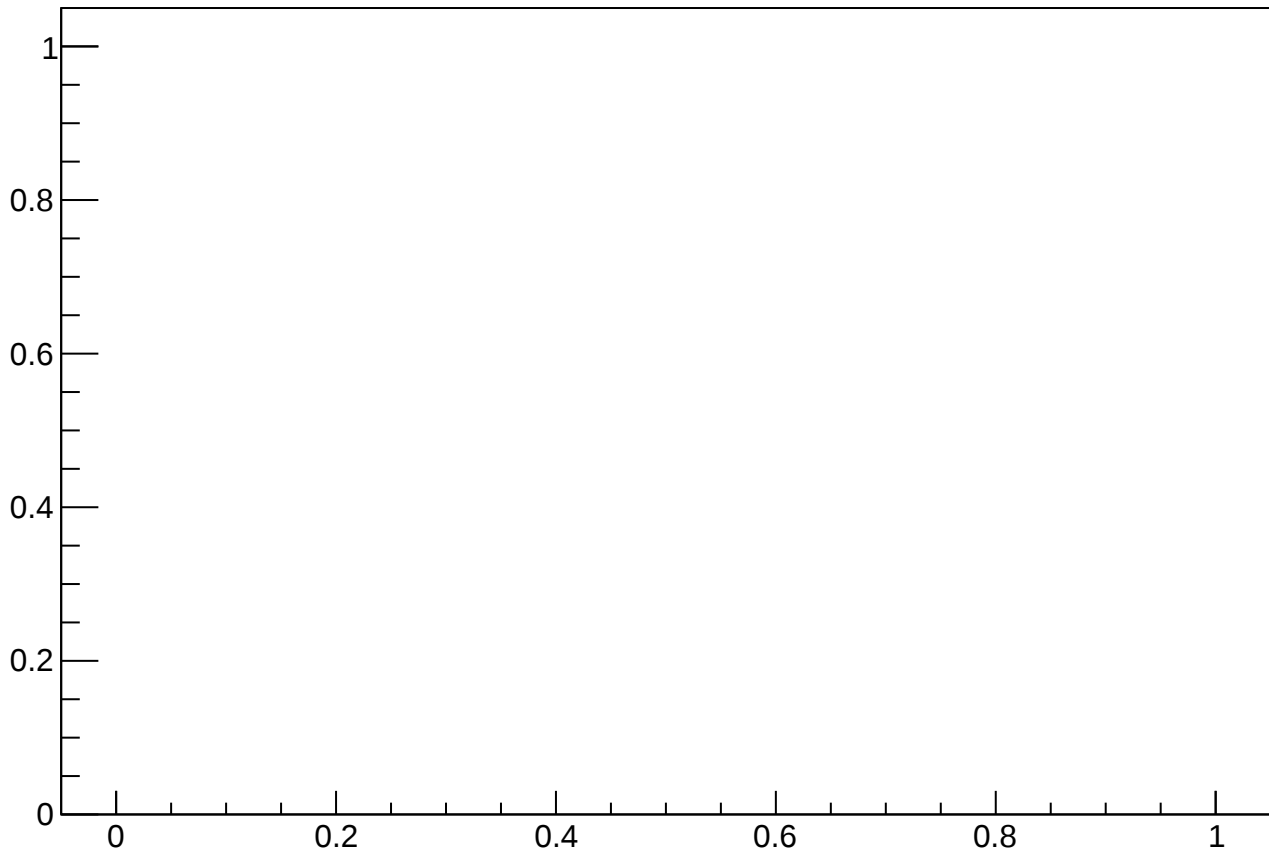
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_rms vs slug



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

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

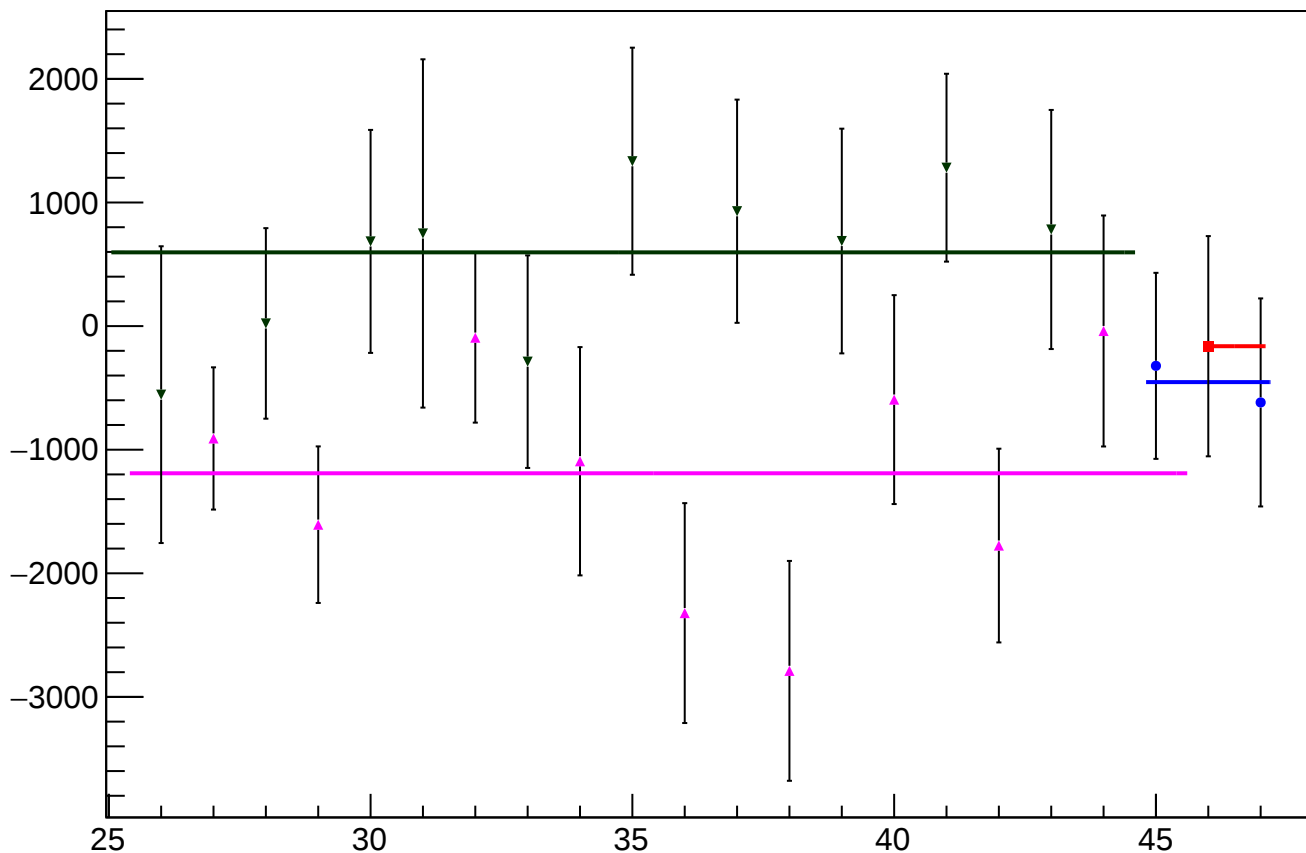
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: -453.103+/-560.977 χ^2/NDF : 0.1/1

Left Out: 596.646+/-290.082 χ^2/NDF : 4.2/9

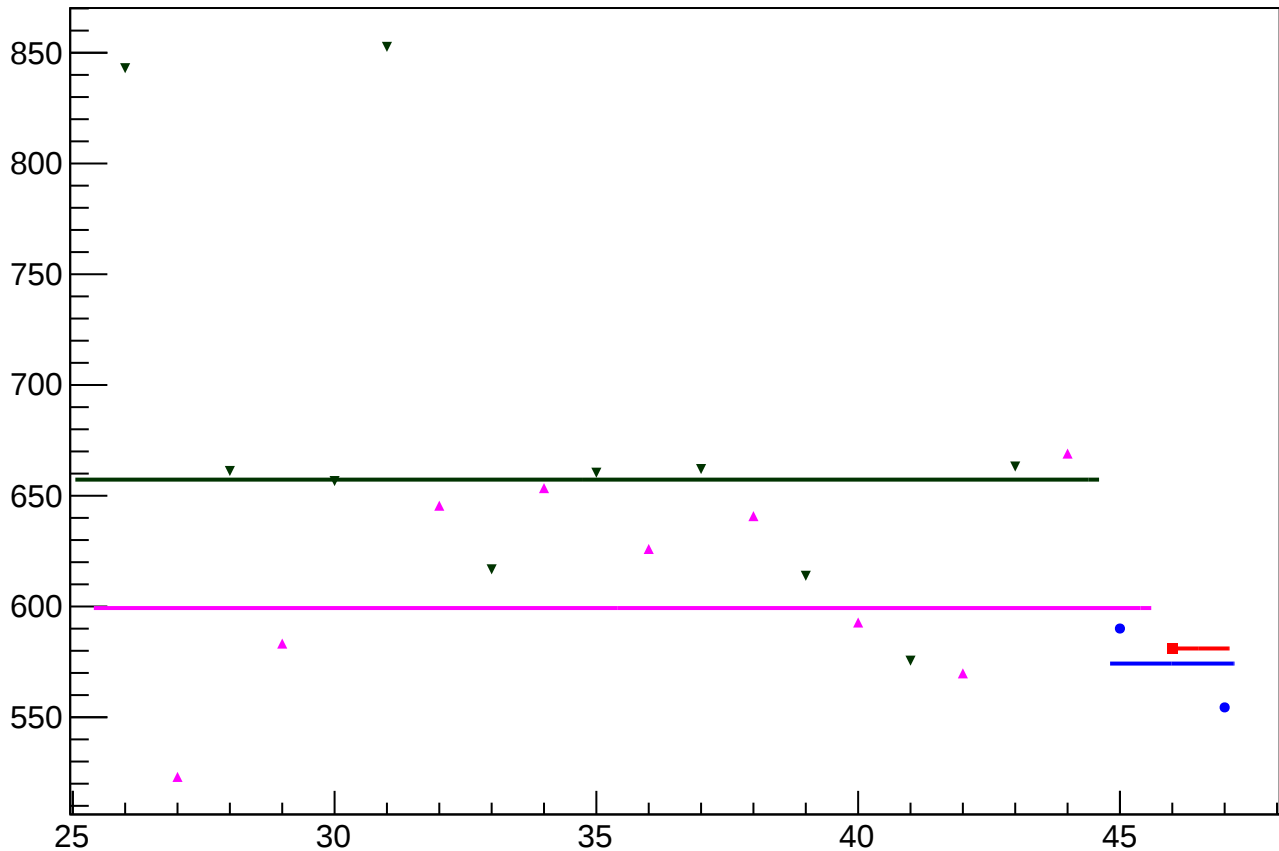
Right Out: -162.685+/-890.910 χ^2/NDF : 0.0/0

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

375.170+/-257.671 χ^2/NDF : 7.0/11

-1113.443+/-244.240 χ^2/NDF : 11.9/9

asym_left_avg_rms vs slug



Right In: 574.230 ± 0.397 χ^2/NDF : 1989.4/1

Left Out: 657.280 ± 0.205 χ^2/NDF : 118673.7/9

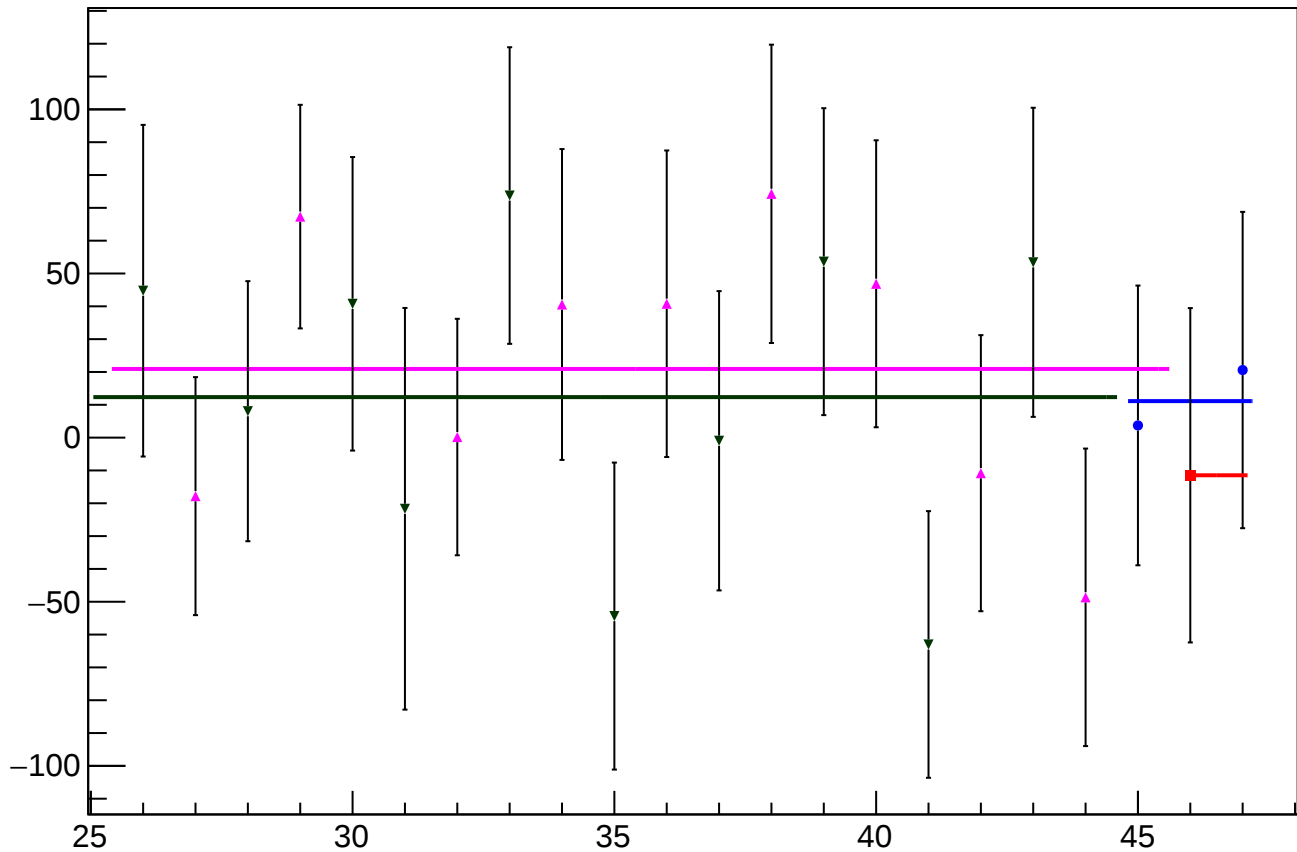
Right Out: 581.043 ± 0.630 χ^2/NDF : 0.0/0

Left In: 599.296 ± 0.180 χ^2/NDF : 72545.0/8

639.758 ± 0.182 χ^2/NDF : 155249.5/11

597.924 ± 0.173 χ^2/NDF : 73321.4/9

asym_left_dd_mean vs slug



Right In: 11.122+/-31.918 χ^2/NDF : 0.1/1

Left Out: 12.342+/-14.526 χ^2/NDF :10.1/9

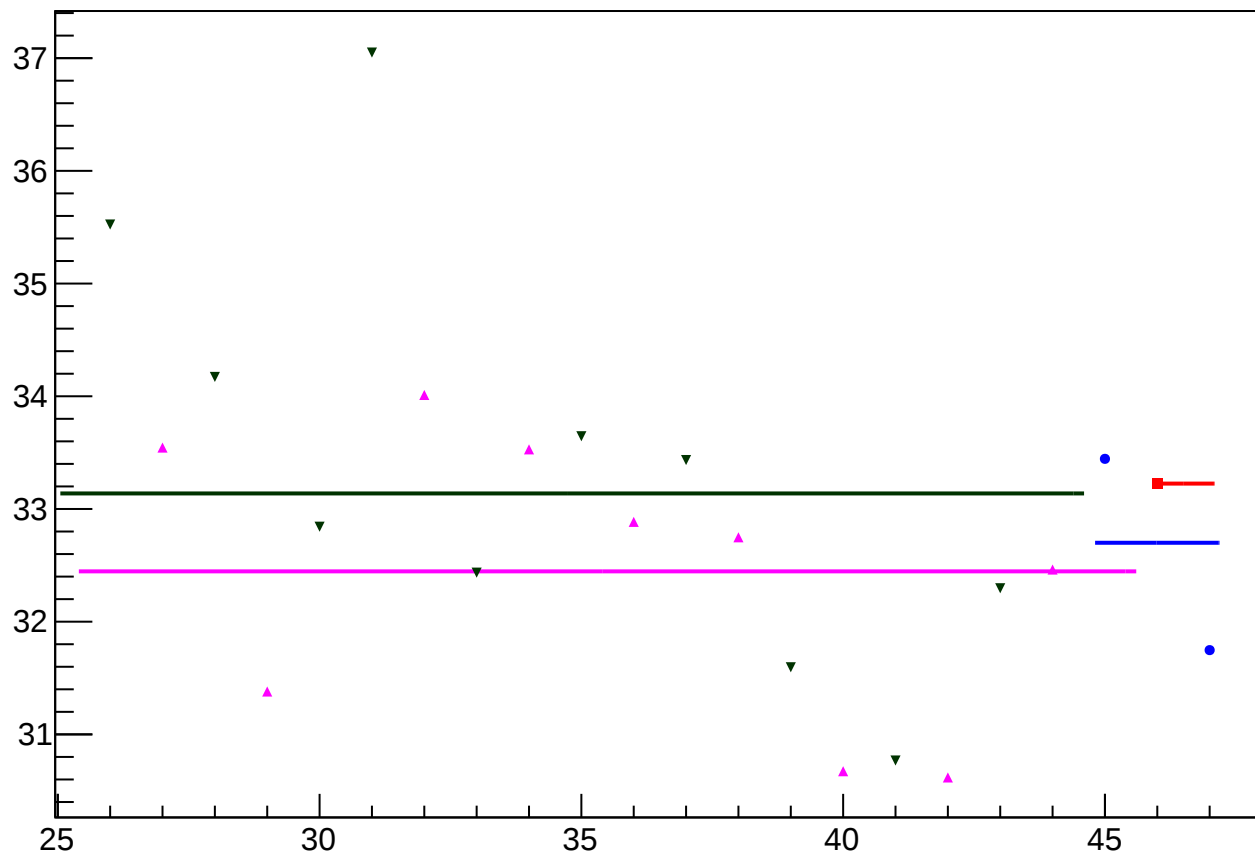
Right Out: -11.469+/-50.928 χ^2/NDF : 0.0/0

Left In: 20.920+/-13.661 χ^2/NDF :8.3/8

12.133+/-13.221 χ^2/NDF : 10.2/11

18.746+/-13.195 χ^2/NDF : 8.7/9

asym_left_dd_rms vs slug



Right In: 32.700+/-0.023 χ^2/NDF : 1392.4/1

Left Out: 33.138+/-0.010 χ^2/NDF : 24511.4/9

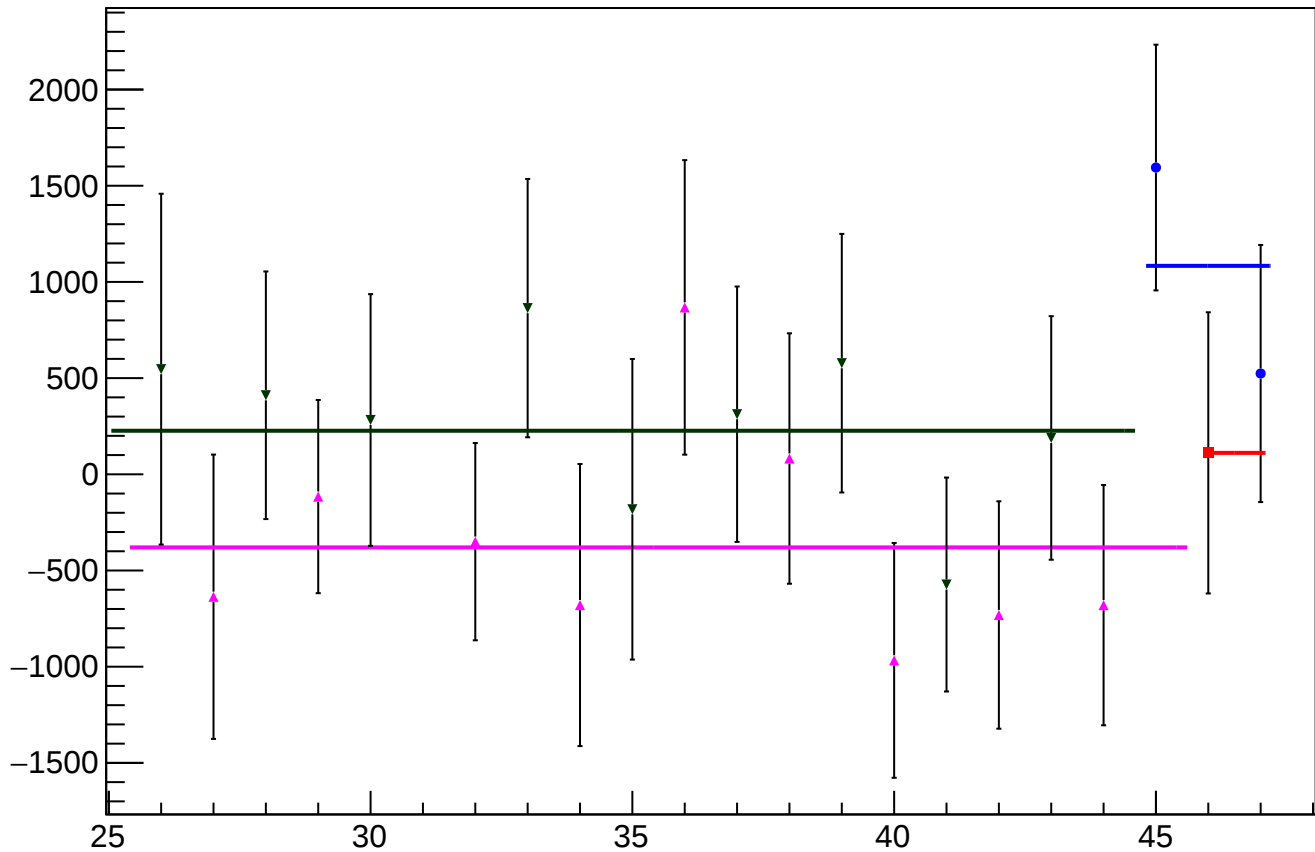
Right Out: 33.225+/-0.036 χ^2/NDF : 0.0/0

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

33.063+/-0.009 χ^2/NDF : 26215.4/11

32.499+/-0.009 χ^2/NDF : 16390.6/9

asym_right_avg_mean vs slug



Right In: 1083.525+/-461.736 χ^2/NDF : 1.3/1

Left Out: 226.455+/-223.469 χ^2/NDF : 3.7/8

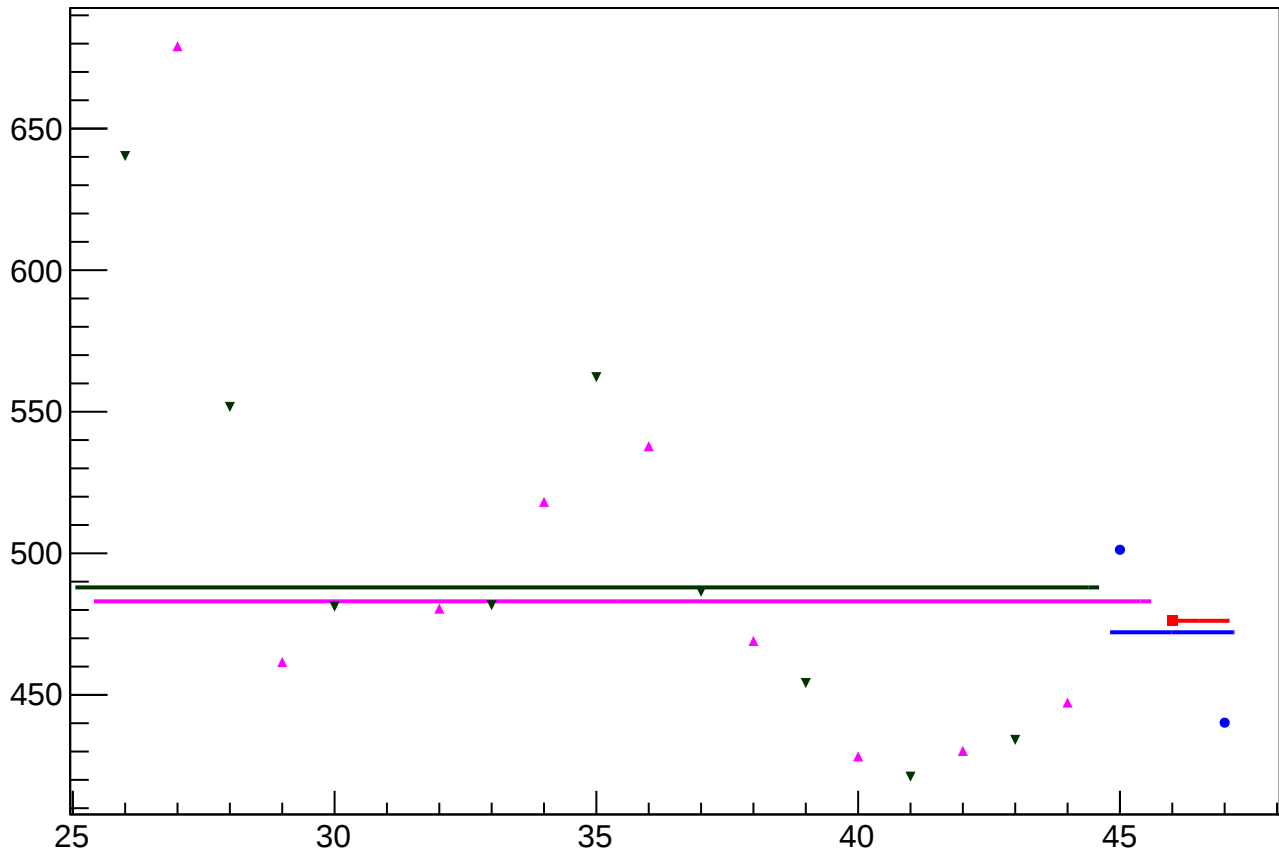
Right Out: 111.459+/-730.790 χ^2/NDF : 0.0/0

Left In: -379.789+/-205.675 χ^2/NDF : 5.2/8

389.110+/-201.150 χ^2/NDF : 7.9/10

-343.733+/-197.983 χ^2/NDF : 5.7/9

asym_right_avg_rms vs slug



Right In: 472.116+/-0.326 χ^2/NDF : 8728.1/1

Left Out: 487.967+/-0.158 χ^2/NDF :142313.3/8

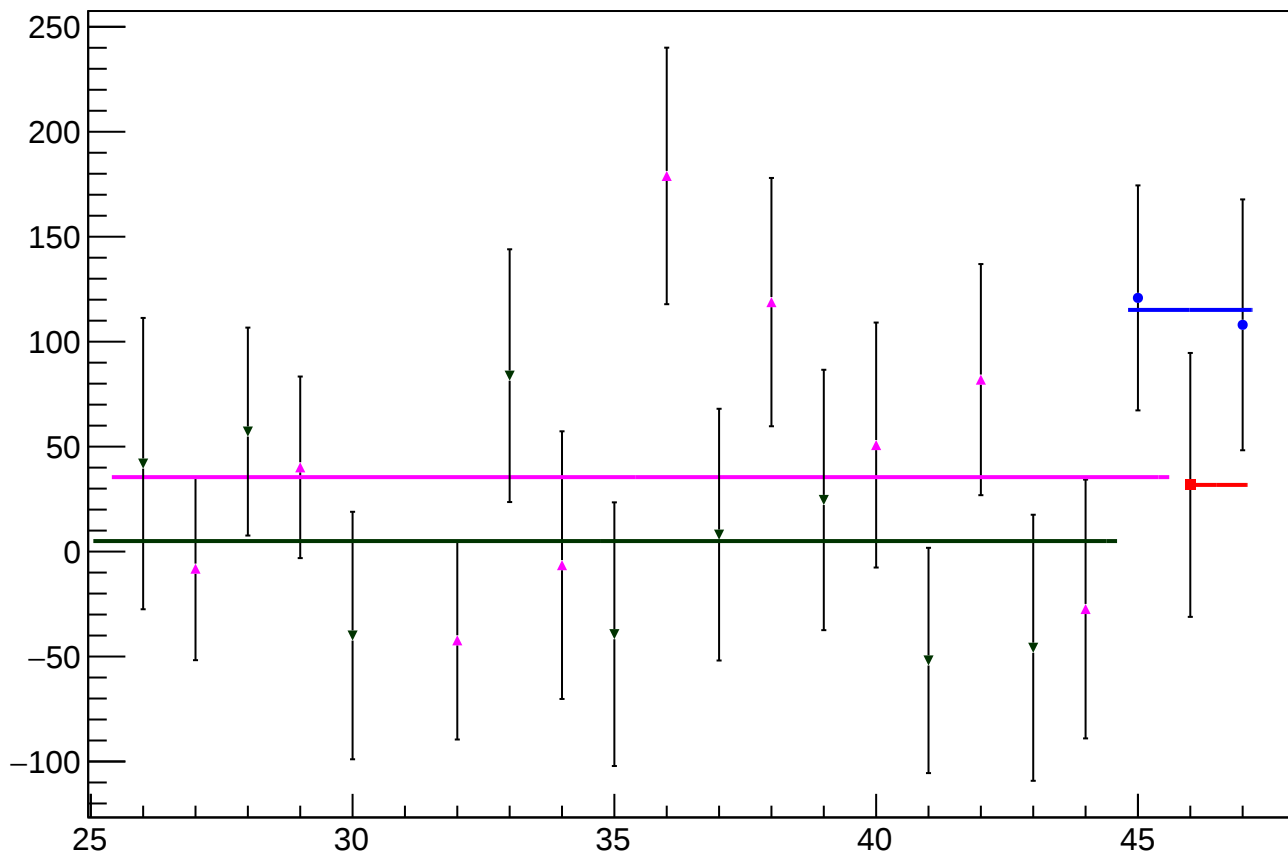
484.959+/-0.142 χ^2/NDF : 152951.1/10

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: 115.133 $\pm$ 39.897 χ^2 /NDF: 0.0/1

Left Out: 5.008 $\pm$ 19.738 χ^2 /NDF:6.1/8

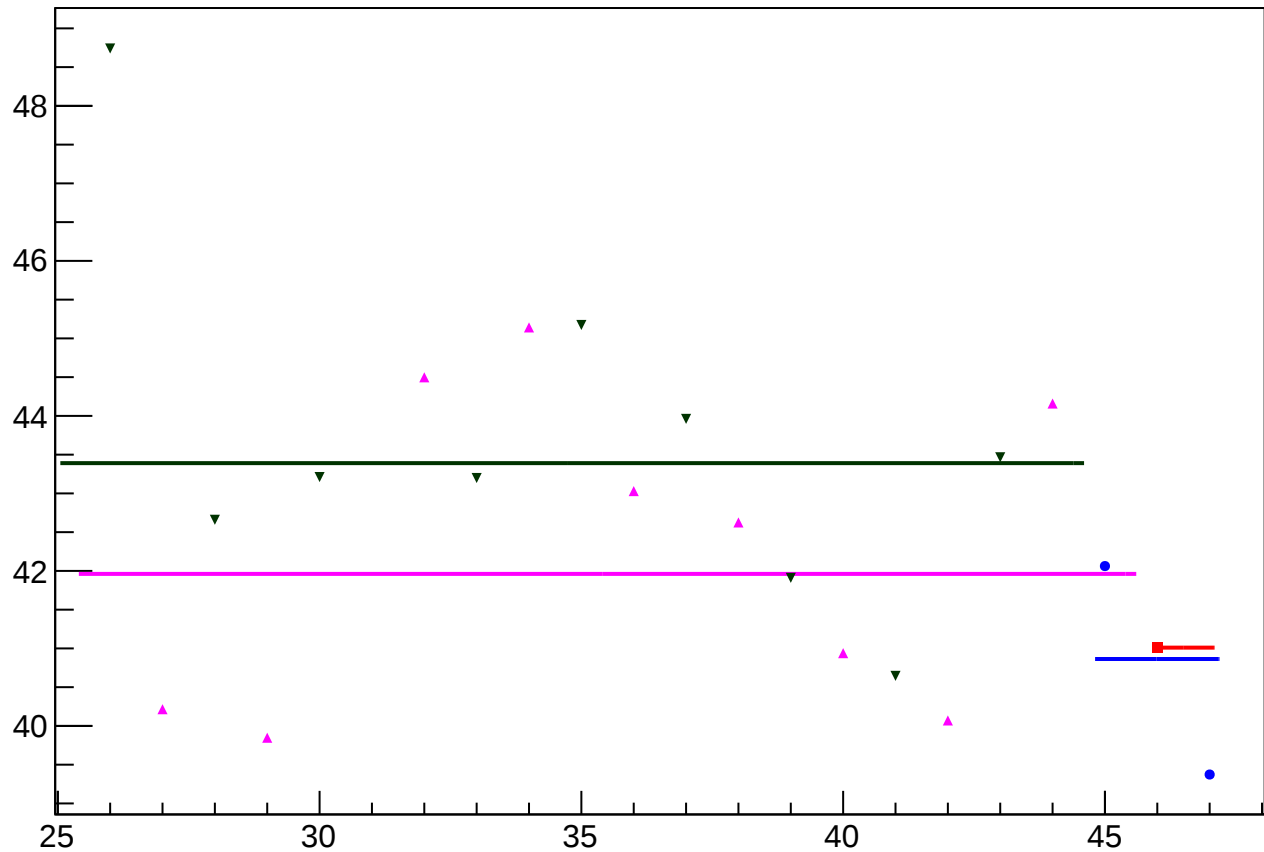
Right Out: 31.760 $\pm$ 62.866 χ^2 /NDF: 0.0/0

Left In: 35.466 $\pm$ 17.692 χ^2 /NDF:13.5/8

26.662 $\pm$ 17.691 χ^2 /NDF: 12.2/10

35.194 $\pm$ 17.030 χ^2 /NDF: 13.5/9

asym_right_dd_rms vs slug



Right In: 40.863+/-0.028 χ^2/NDF : 2245.4/1

Left Out: 43.391+/-0.014 χ^2/NDF : 20529.6/8

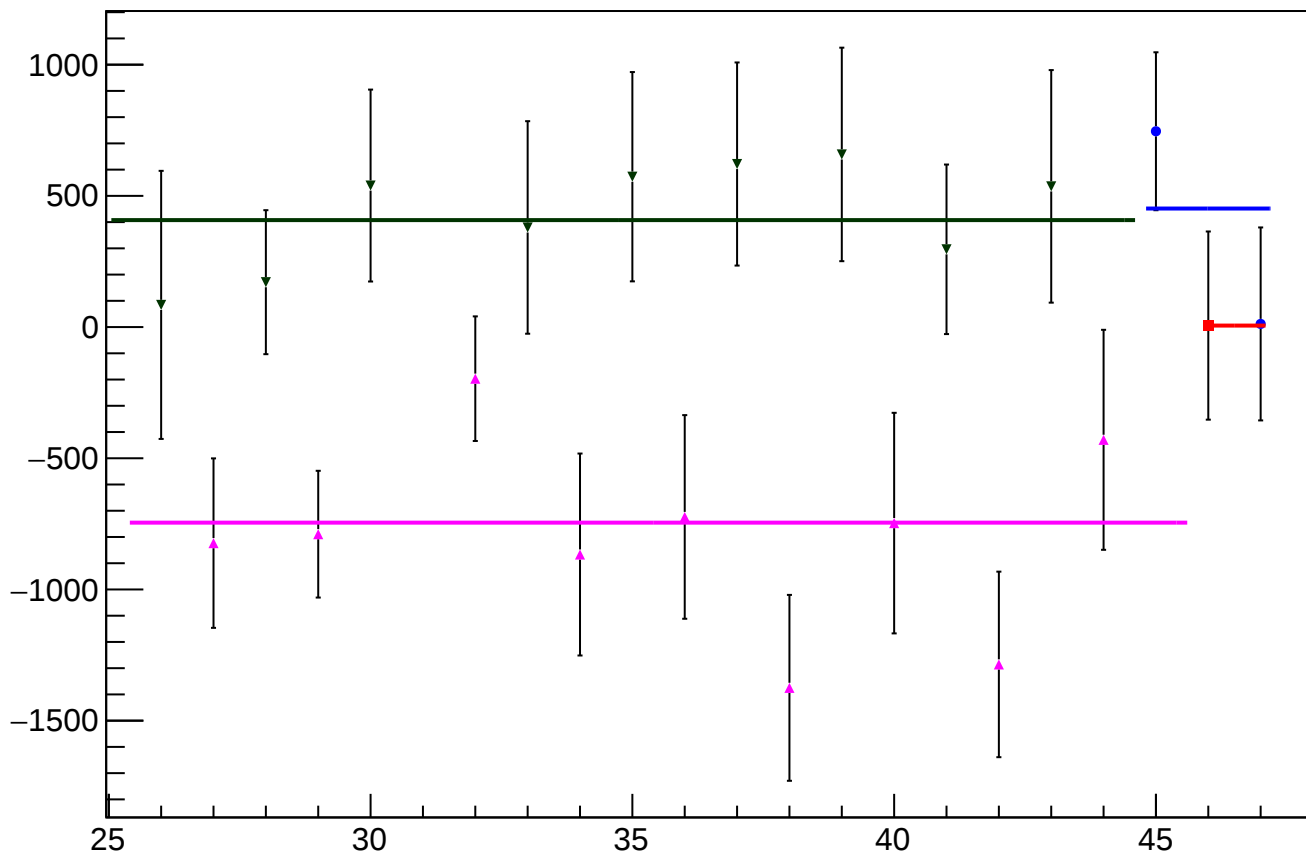
Right Out: 41.010+/-0.044 χ^2/NDF : 0.0/0

Left In: 41.961+/-0.013 χ^2/NDF : 25099.5/8

42.894+/-0.013 χ^2/NDF : 29221.7/10

41.892+/-0.012 χ^2/NDF : 25523.9/9

asym_us_avg_mean vs slug



Right In: 451.738 ± 232.889 $\chi^2/\text{NDF}: 2.4/1$

Left Out: 407.654 ± 124.646 $\chi^2/\text{NDF}: 2.3/8$

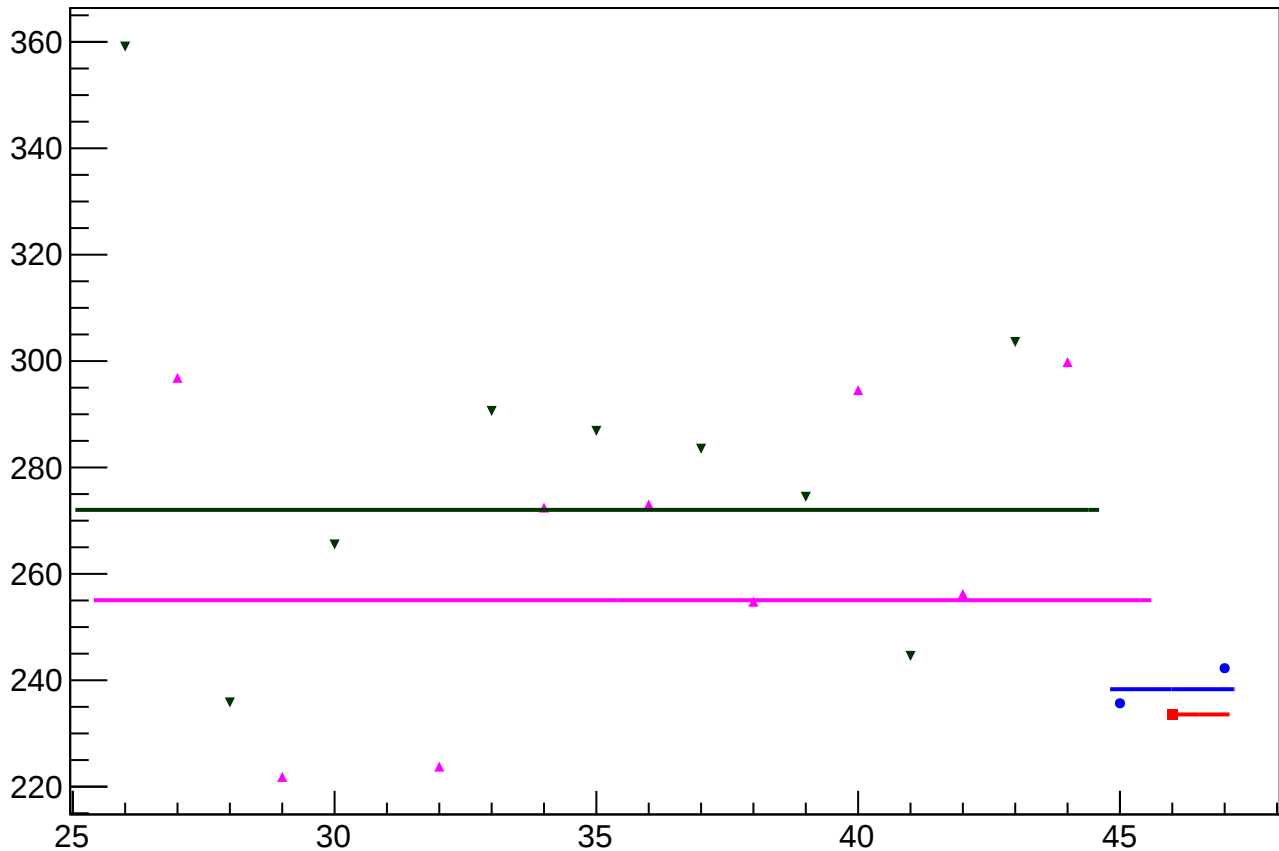
Right Out: 5.691 ± 358.574 $\chi^2/\text{NDF}: 0.0/0$

Left In: -745.341 ± 108.352 $\chi^2/\text{NDF}: 11.6/8$

417.471 ± 109.896 $\chi^2/\text{NDF}: 4.8/10$

-682.502 ± 103.720 $\chi^2/\text{NDF}: 15.6/9$

asym_us_avg_rms vs slug



Right In: 238.319+/-0.165 χ^2/NDF : 385.8/1

Left Out: 272.030+/-0.088 χ^2/NDF :126979.0/8

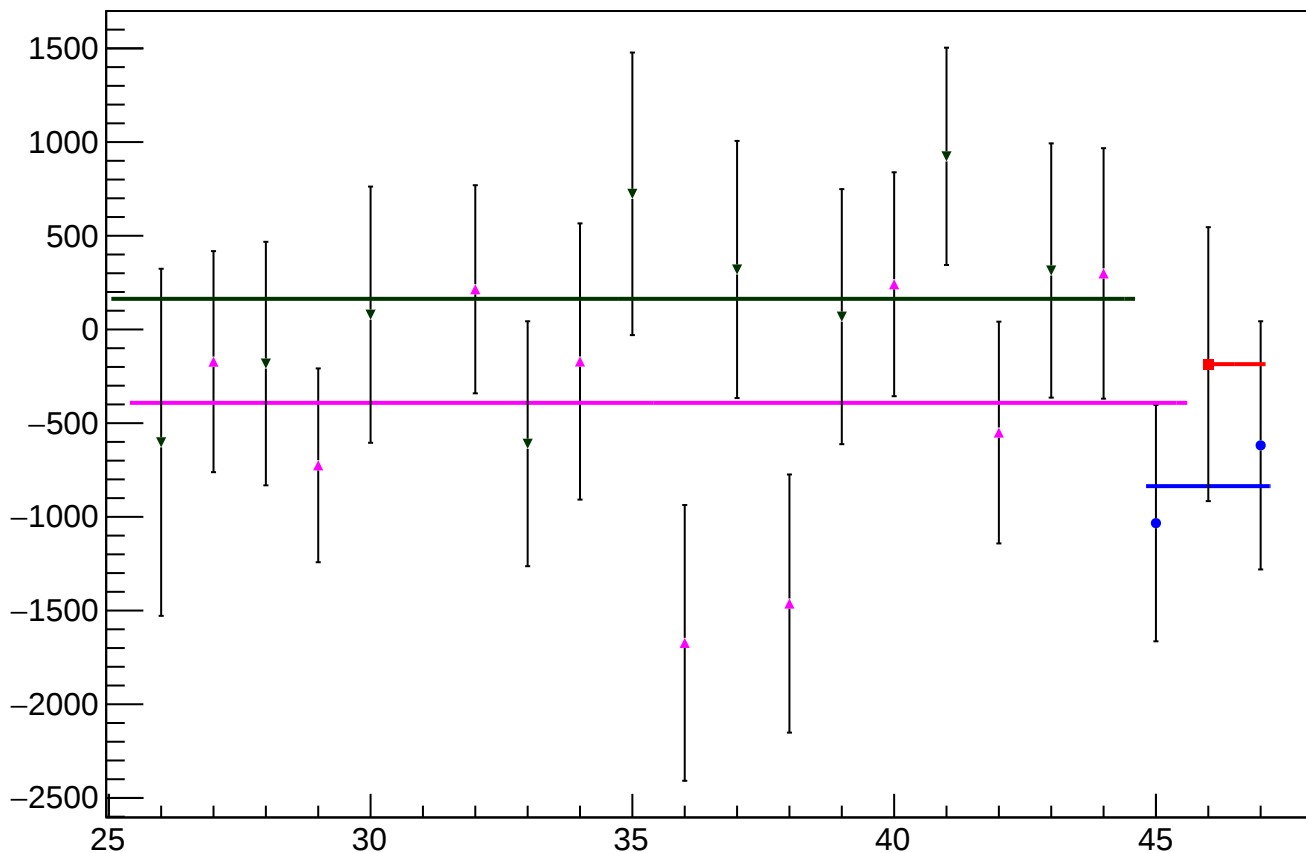
264.523+/-0.078 χ^2/NDF : 159939.9/10

Right Out: 233.574+/-0.254 χ^2/NDF : 0.0/0

253.248+/-0.073 χ^2/NDF : 161503.0/9

Left In: 255.044+/-0.077 χ^2/NDF :154932.2/8

asym_us_dd_mean vs slug



Right In: -836.039+/-456.694 χ^2/NDF : 0.2/1

Left Out: 163.472+/-228.189 χ^2/NDF : 4.8/8

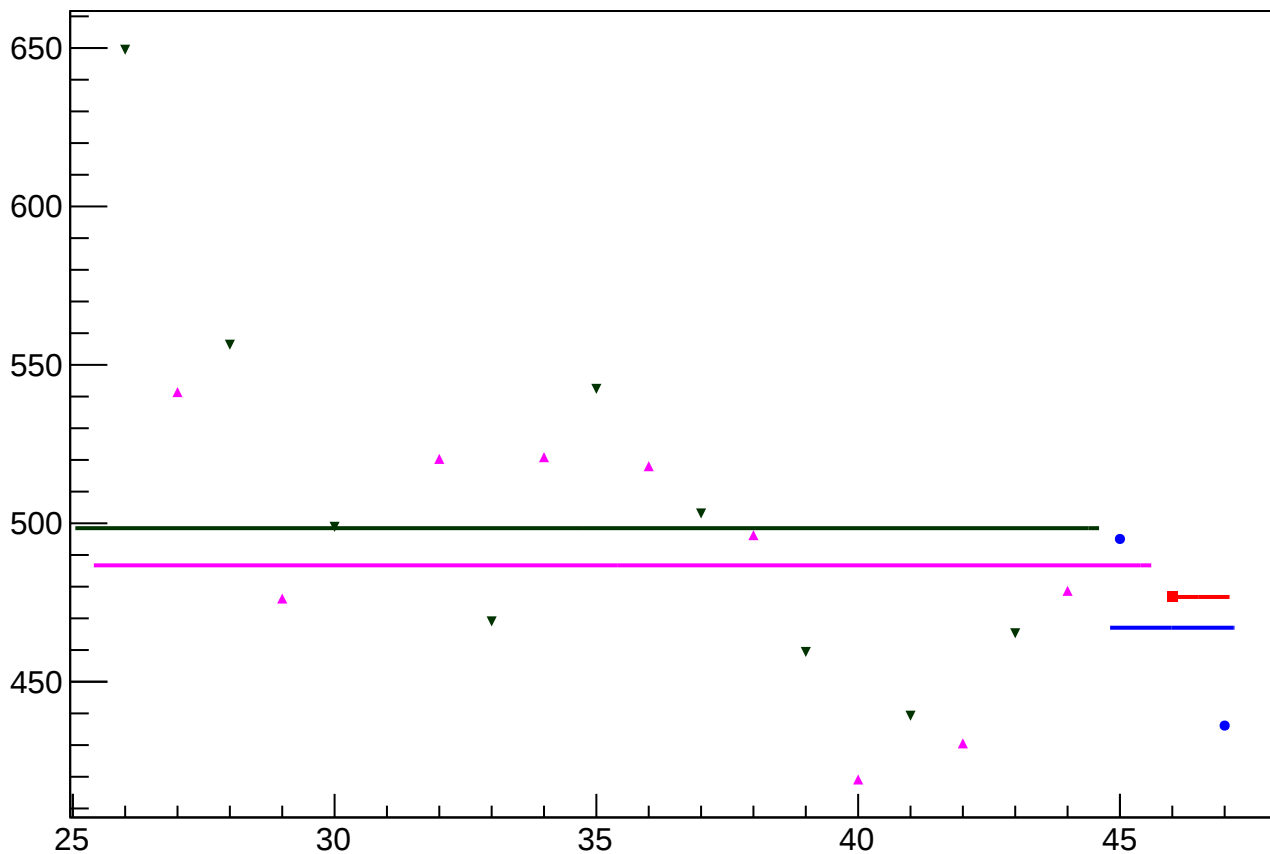
Right Out: -185.038+/-730.937 χ^2/NDF : 0.0/0

Left In: -391.603+/-206.064 χ^2/NDF : 9.5/8

-36.209+/-204.127 χ^2/NDF : 8.8/10

-376.395+/-198.333 χ^2/NDF : 9.6/9

asym_us_dd_rms vs slug



Right In: 467.042+/-0.323 χ^2/NDF : 8297.3/1

Left Out: 498.461+/-0.161 χ^2/NDF : 112214.2/8

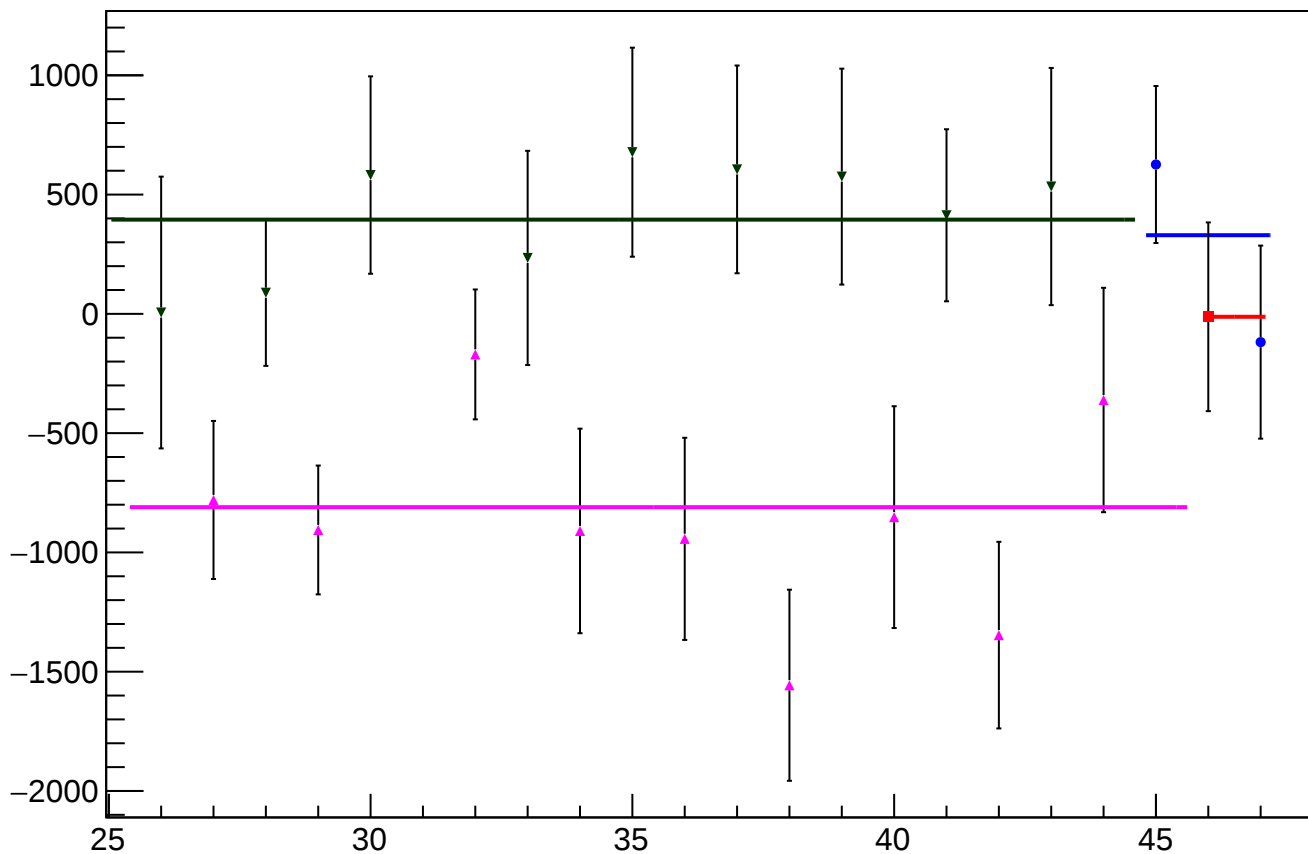
492.184+/-0.144 χ^2/NDF : 128086.2/10

Right Out: 476.748+/-0.517 χ^2/NDF : 0.0/0

485.995+/-0.140 χ^2/NDF : 77878.8/9

Left In: 486.730+/-0.146 χ^2/NDF : 77533.3/8

asym_ds_avg_mean vs slug



Right In: 329.757 ± 255.273 $\chi^2/\text{NDF}: 2.0/1$

Left Out: 395.054 ± 139.188 $\chi^2/\text{NDF}: 2.7/8$

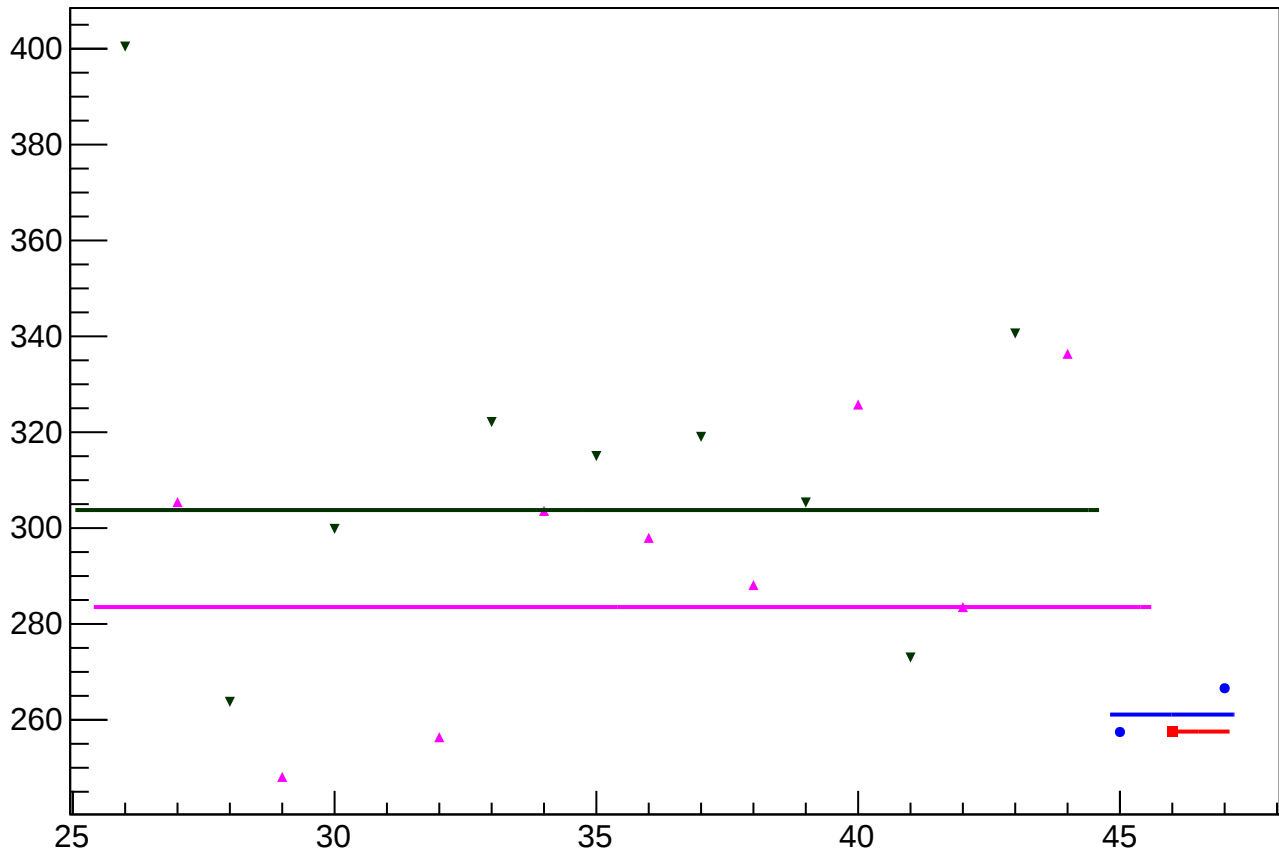
Right Out: -12.244 ± 395.512 $\chi^2/\text{NDF}: 0.0/0$

Left In: -810.313 ± 120.172 $\chi^2/\text{NDF}: 12.1/8$

380.090 ± 122.203 $\chi^2/\text{NDF}: 4.8/10$

-742.863 ± 114.982 $\chi^2/\text{NDF}: 15.8/9$

asym_ds_avg_rms vs slug



Right In: 261.100 $\pm$ 0.181 χ^2 /NDF: 612.3/1

293.988 $\pm$ 0.086 χ^2 /NDF: 168189.5/10

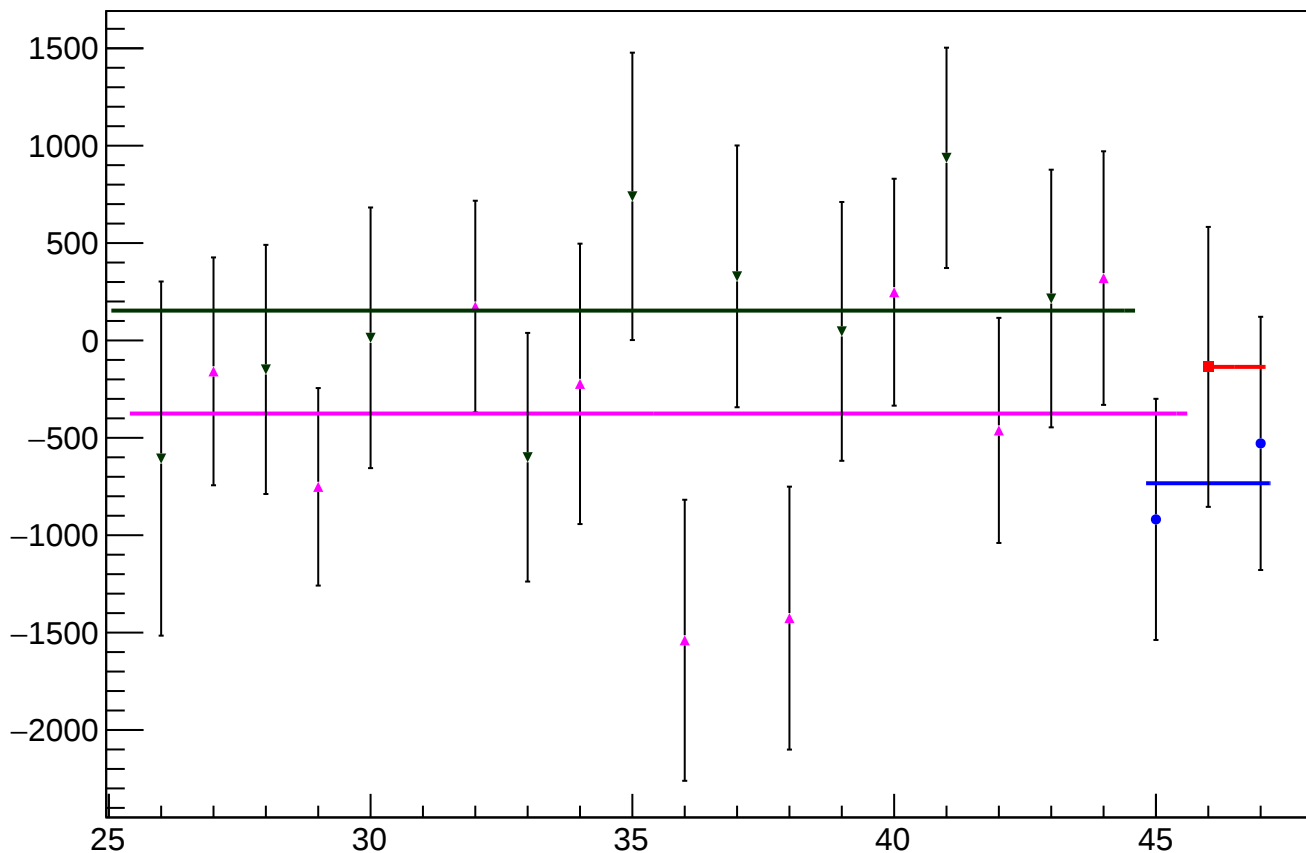
Left Out: 303.766 $\pm$ 0.098 χ^2 /NDF: 124512.2/8

Right Out: 257.556 $\pm$ 0.280 χ^2 /NDF: 0.0/0

281.337 $\pm$ 0.081 χ^2 /NDF: 119675.4/9

Left In: 283.532 $\pm$ 0.085 χ^2 /NDF: 111777.4/8

asym_ds_dd_mean vs slug



Right In: -733.220+/-448.301 χ^2/NDF : 0.2/1

Left Out: 153.259+/-223.218 χ^2/NDF :5.0/8

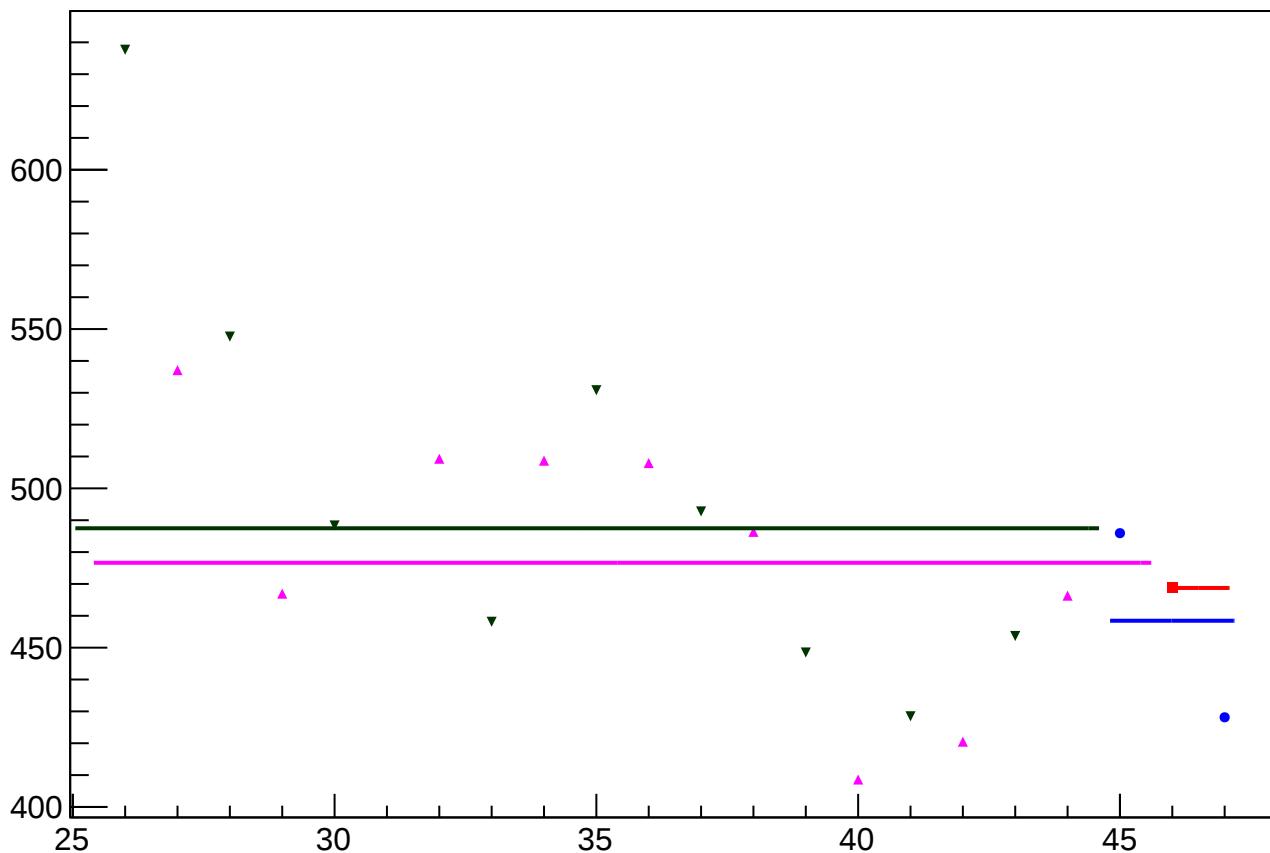
Right Out: -135.732+/-718.677 χ^2/NDF : 0.0/0

Left In: -375.323+/-201.839 χ^2/NDF :9.1/8

-22.857+/-199.819 χ^2/NDF : 8.3/10

-357.807+/-194.320 χ^2/NDF : 9.2/9

asym_ds_dd_rms vs slug



Right In: 458.453 $\pm$ 0.317 χ^2/NDF : 8291.0/1

Left Out: 487.474 $\pm$ 0.158 χ^2/NDF :117424.5/8

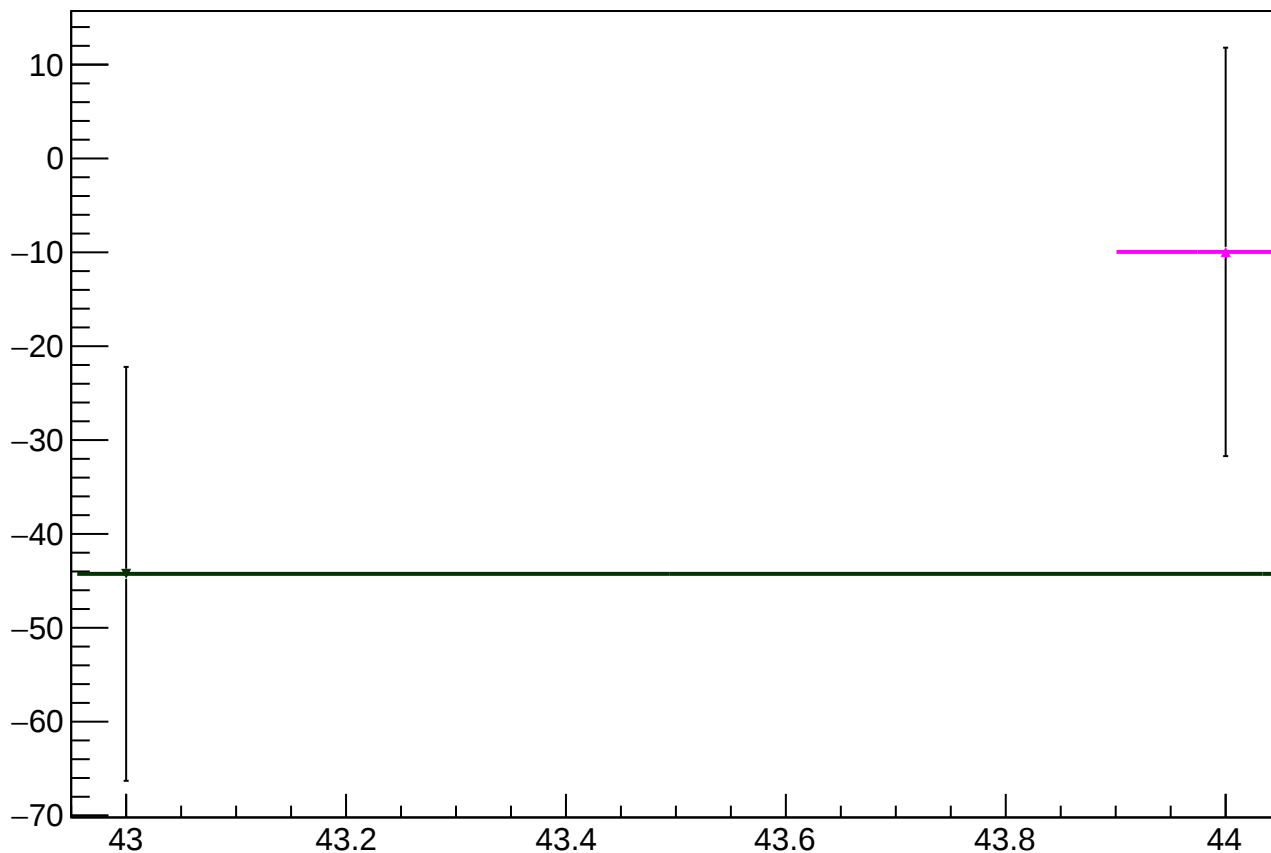
Right Out: 468.740 $\pm$ 0.508 χ^2/NDF : 0.0/0

Left In: 476.643 $\pm$ 0.143 χ^2/NDF :84134.8/8

481.708 $\pm$ 0.141 χ^2/NDF : 132431.7/10

476.065 $\pm$ 0.137 χ^2/NDF : 84359.0/9

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

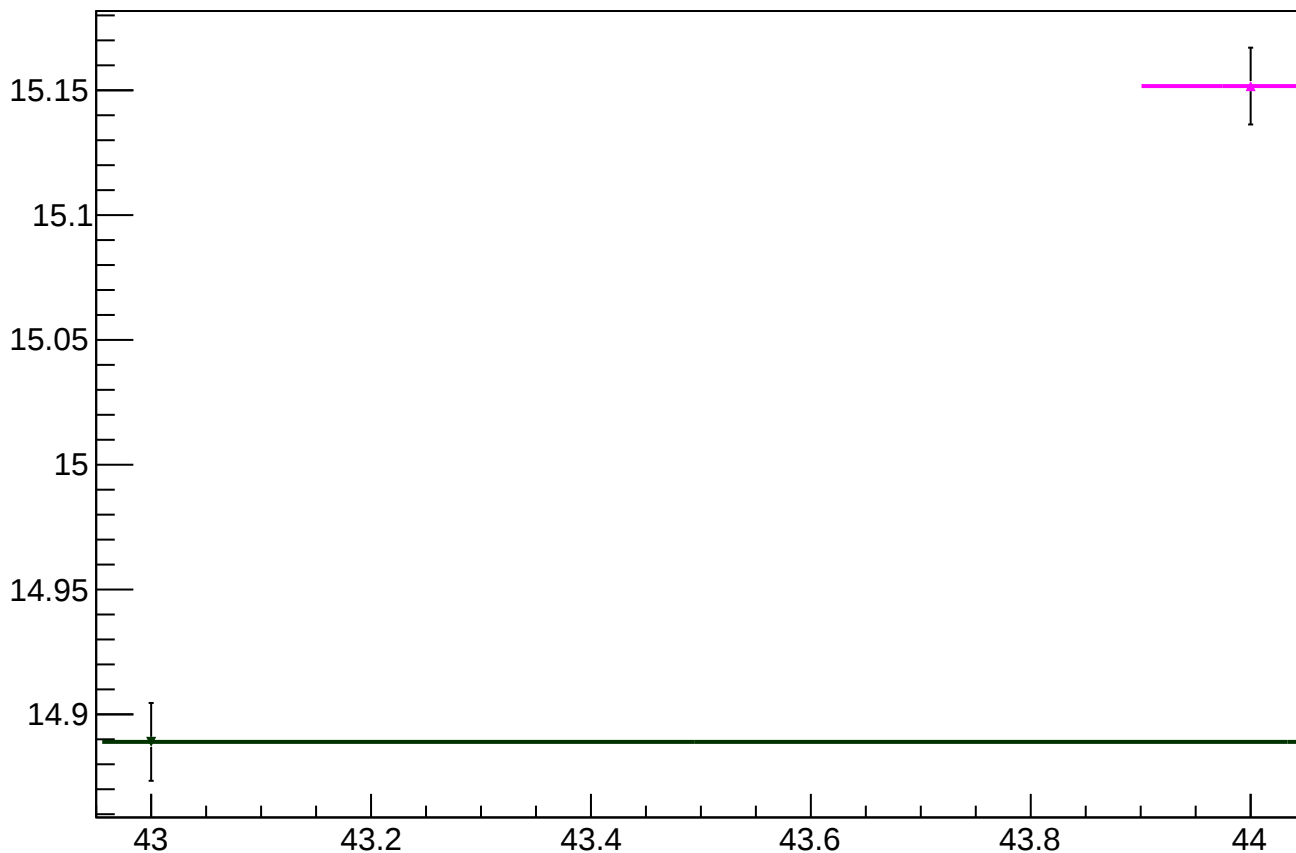
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

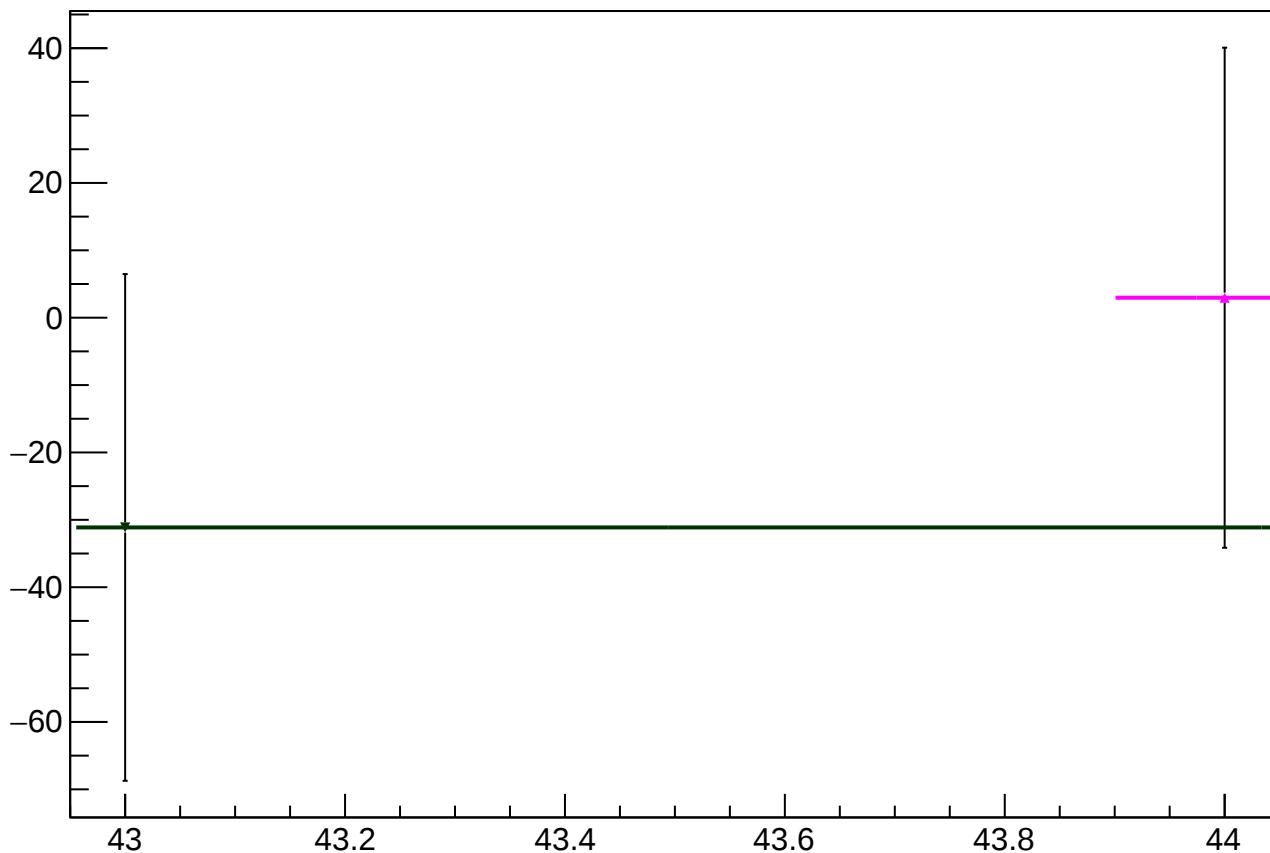
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

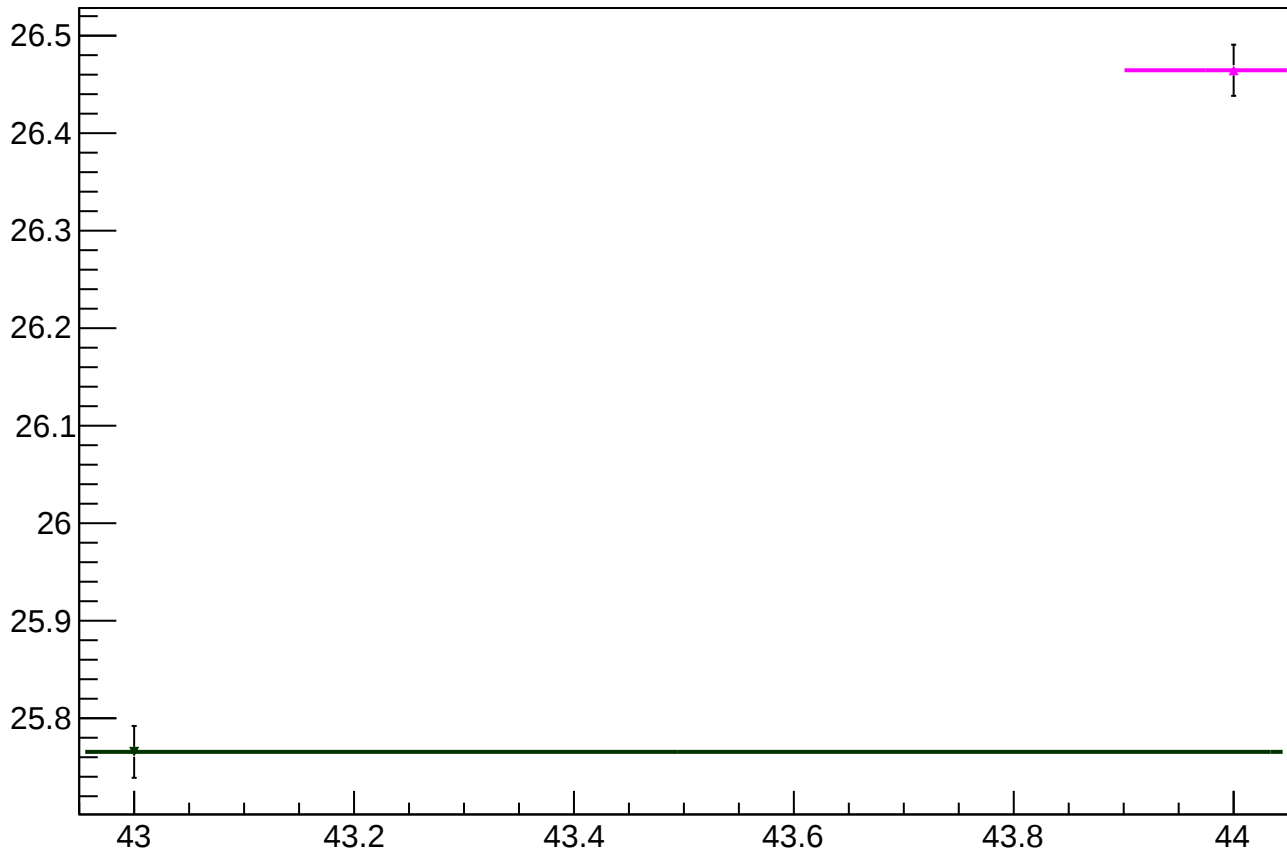
-31.130+/-37.603 χ^2/NDF : 0.0/0

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

2.964+/-37.111 χ^2/NDF : 0.0/0

Left In: 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

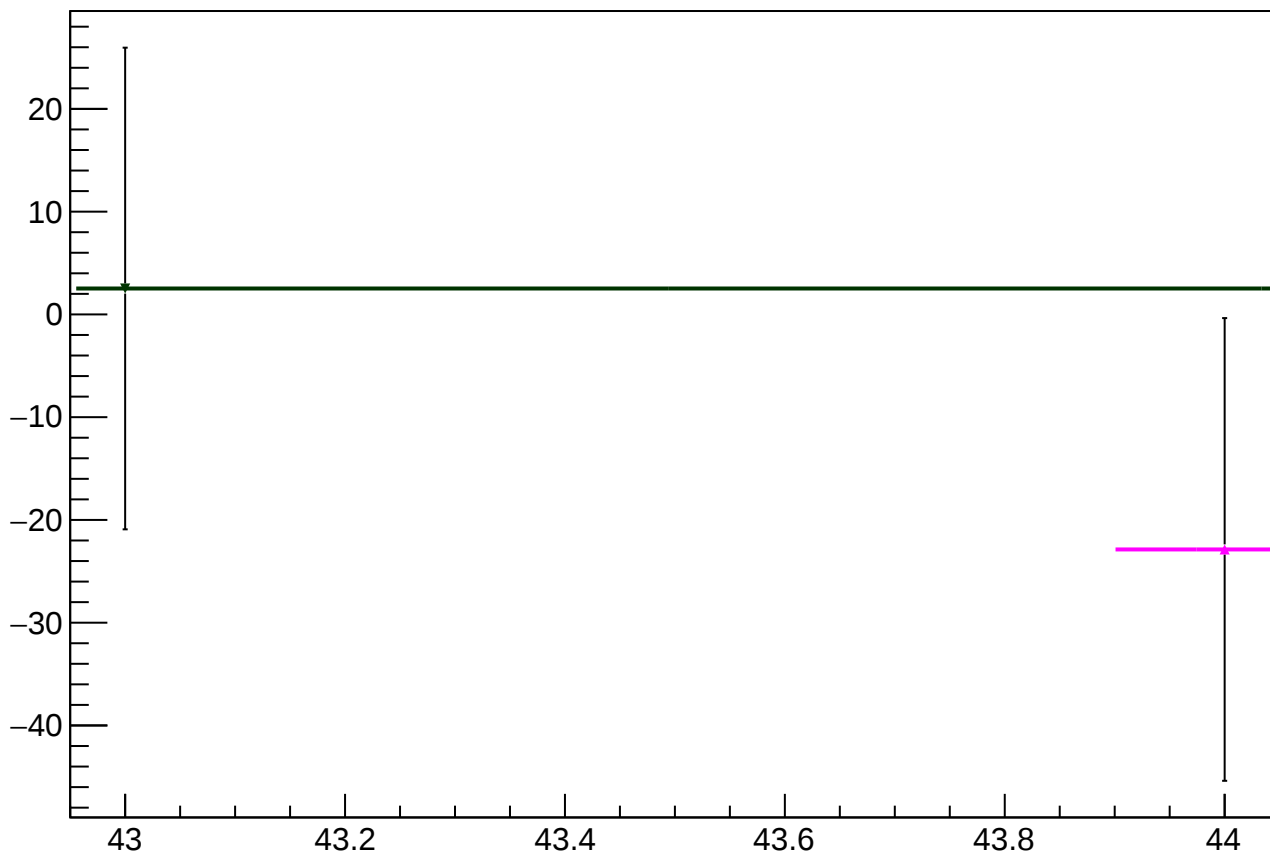
25.766+/-0.027 χ^2/NDF : 0.0/0

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

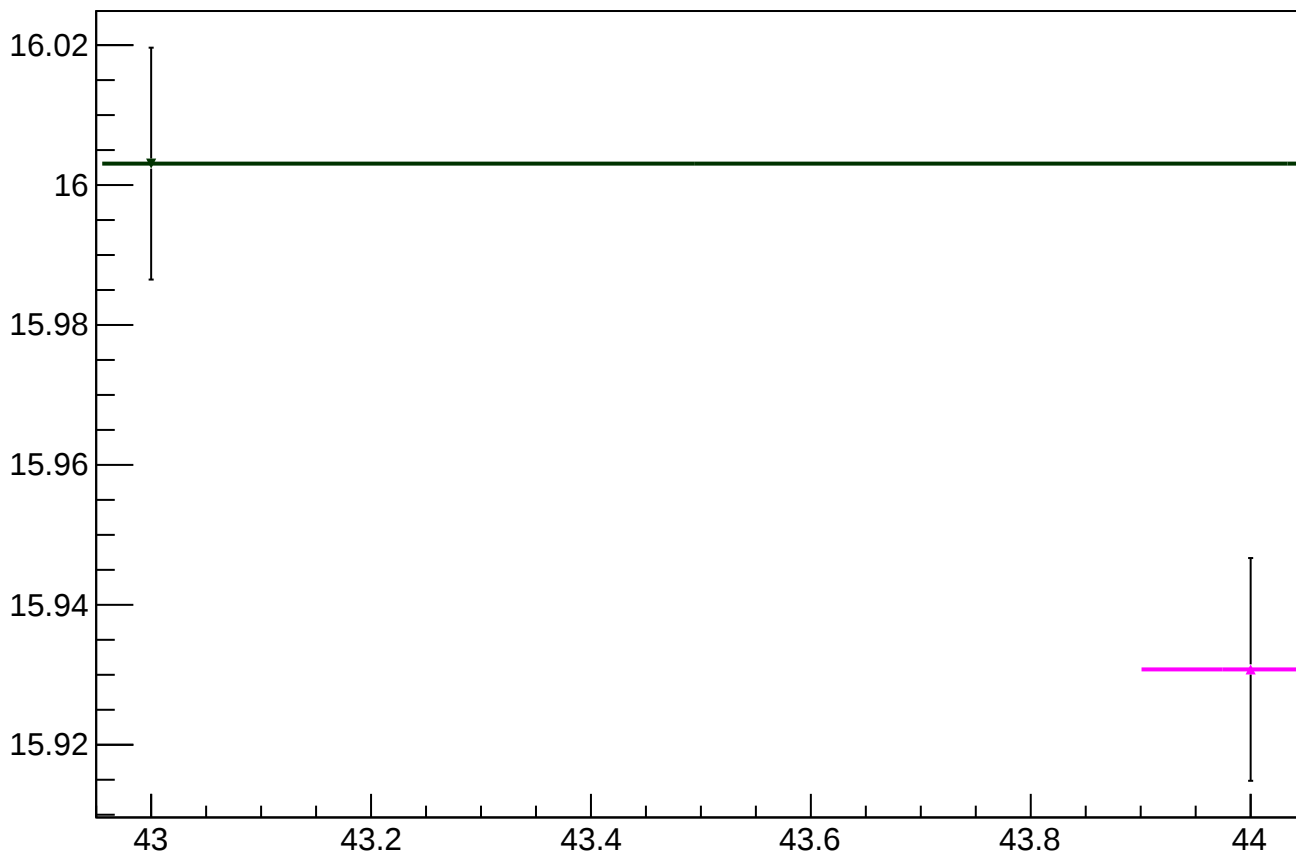
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

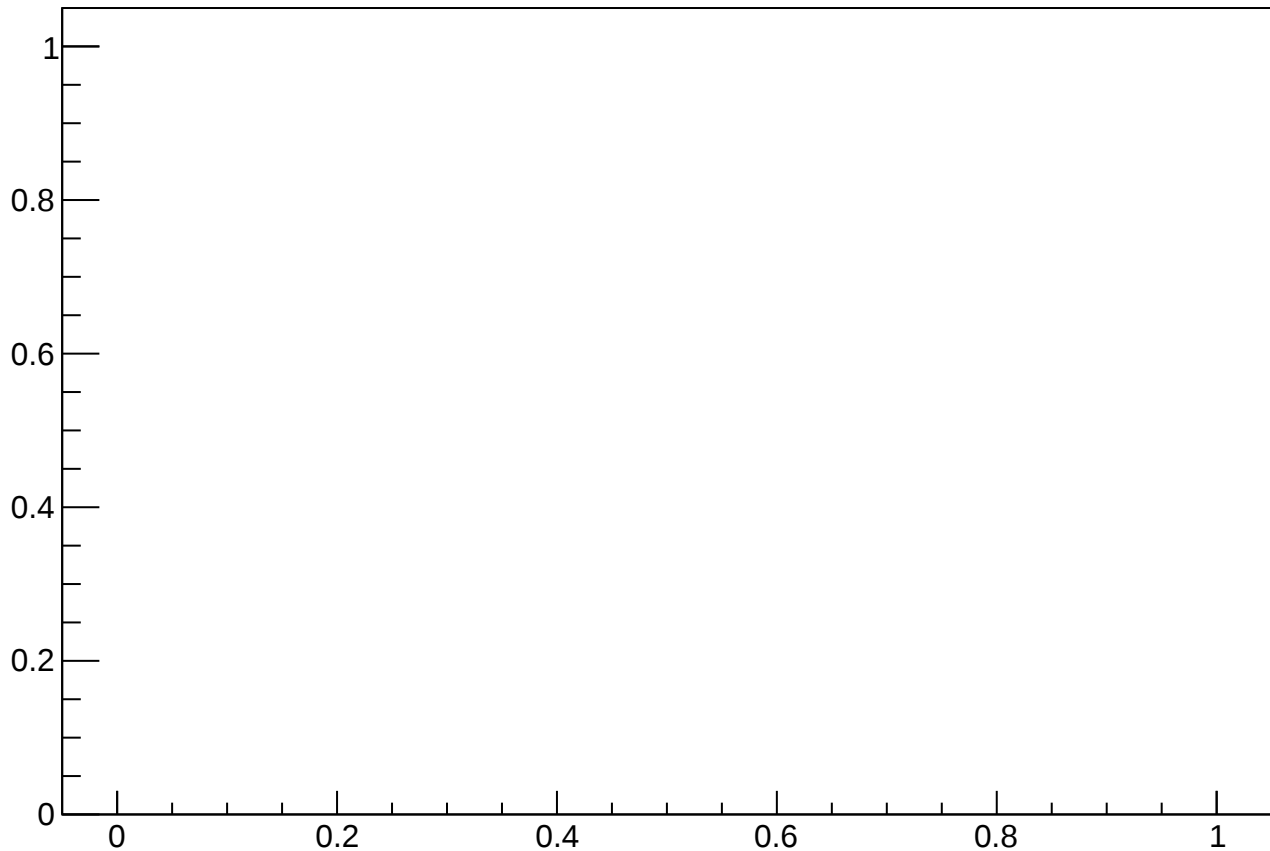
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

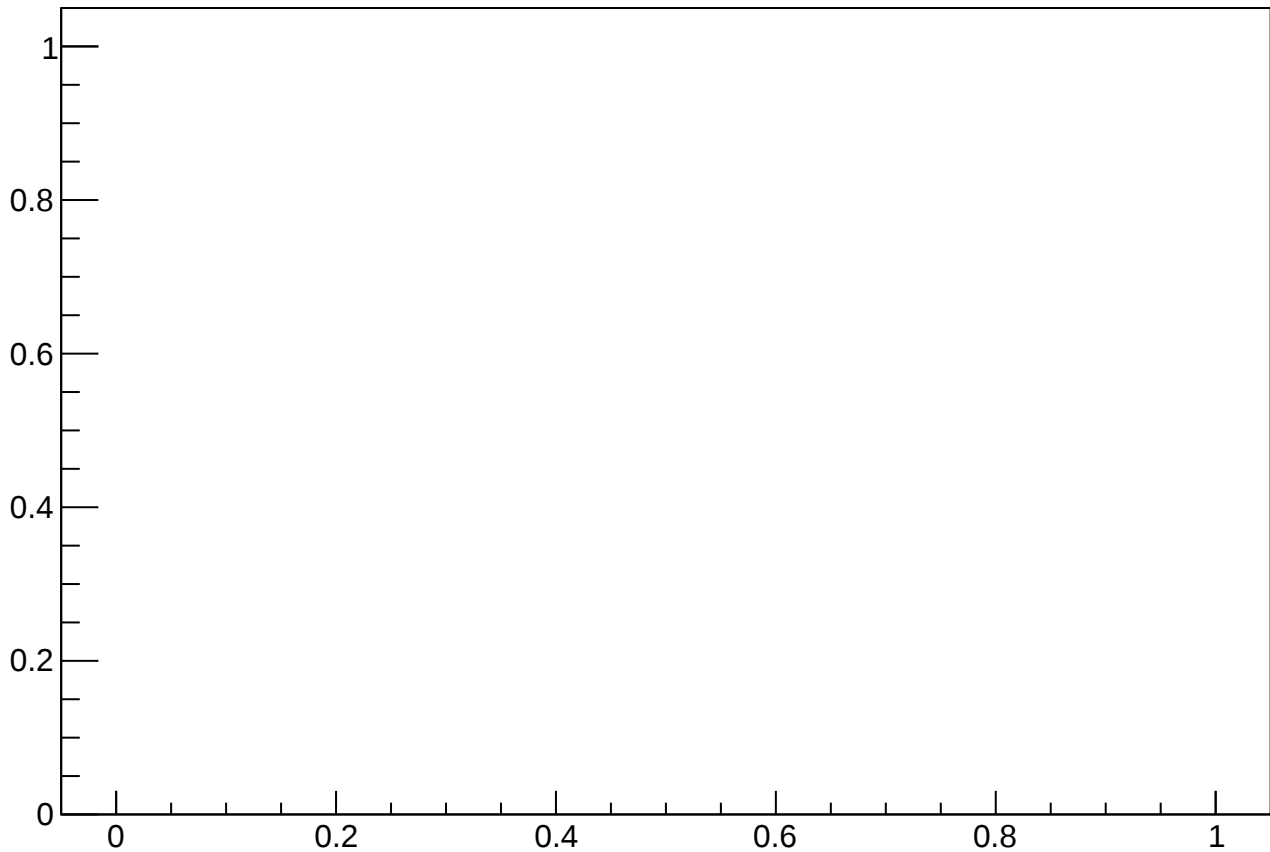
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

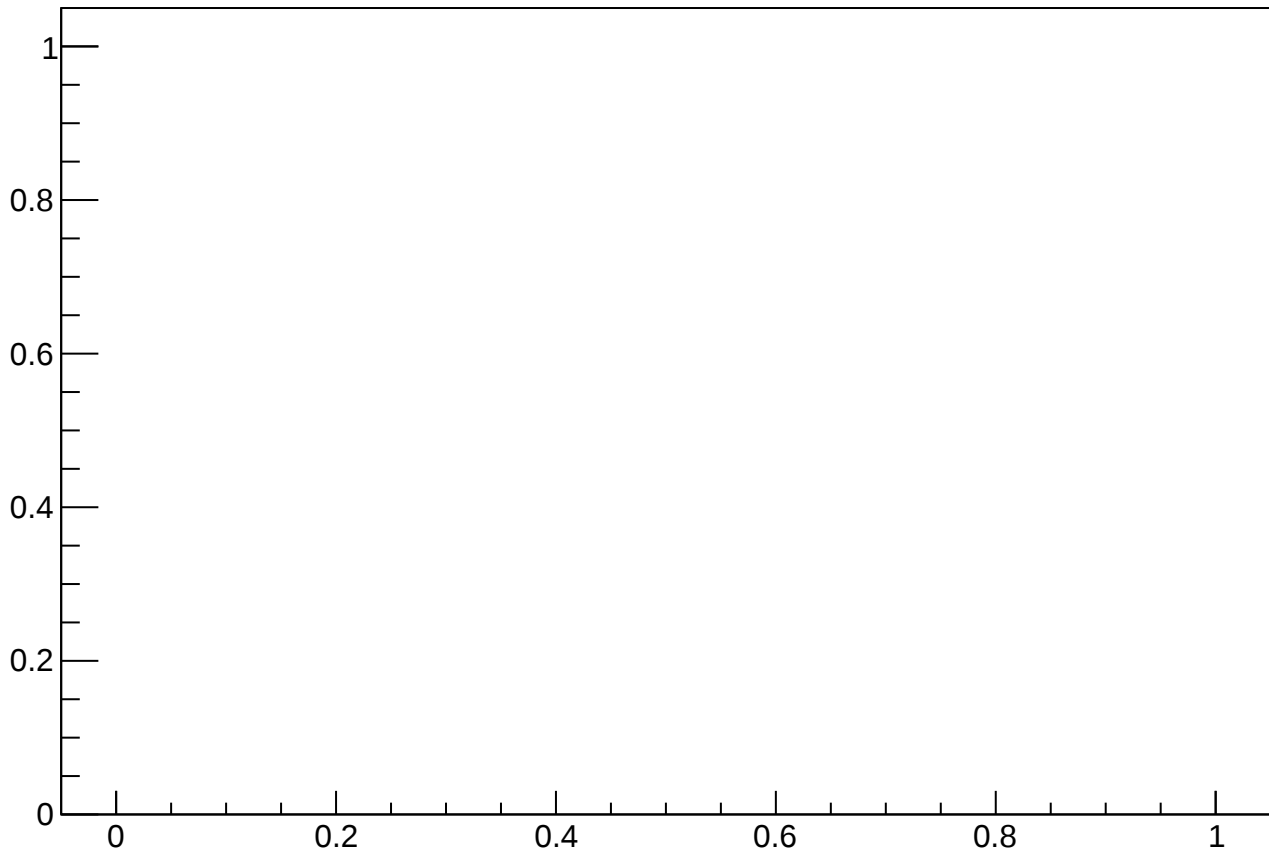
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

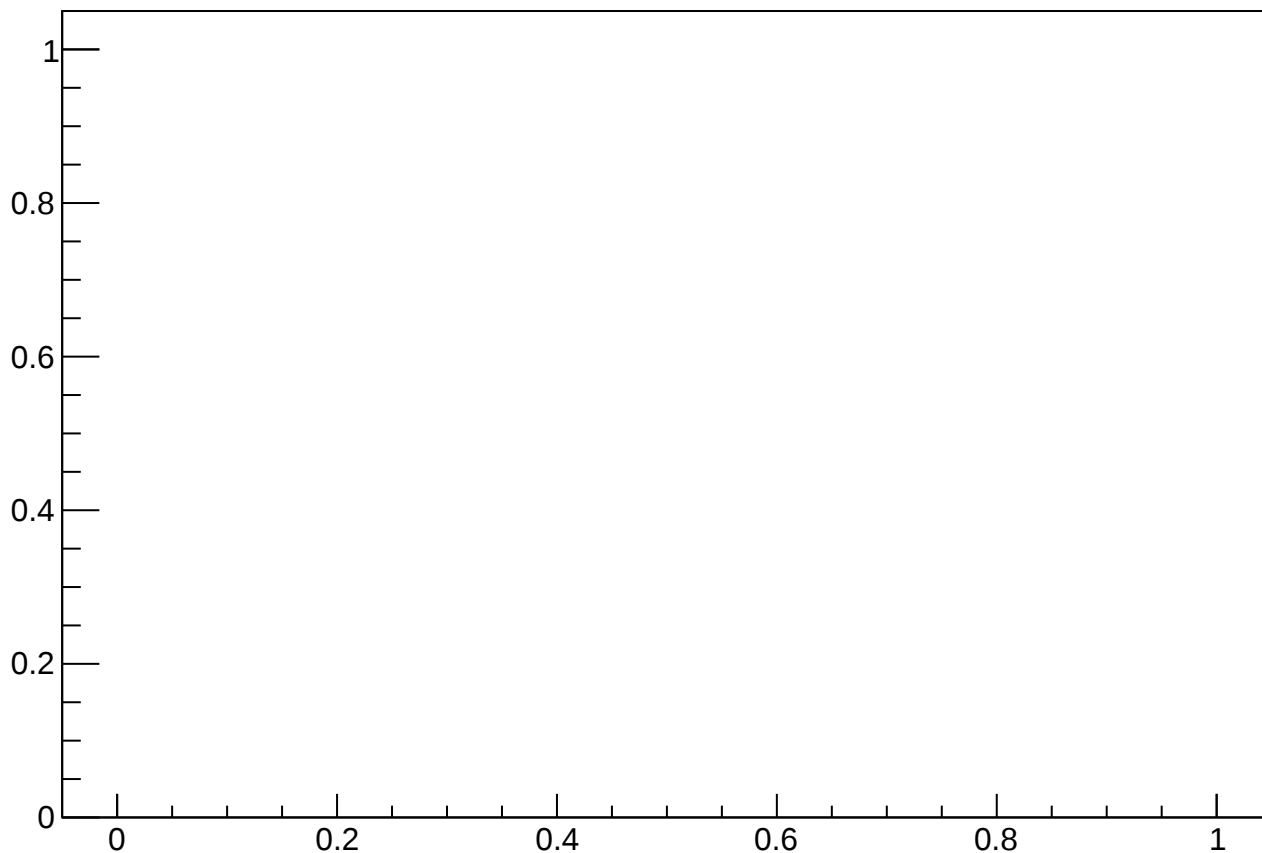
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

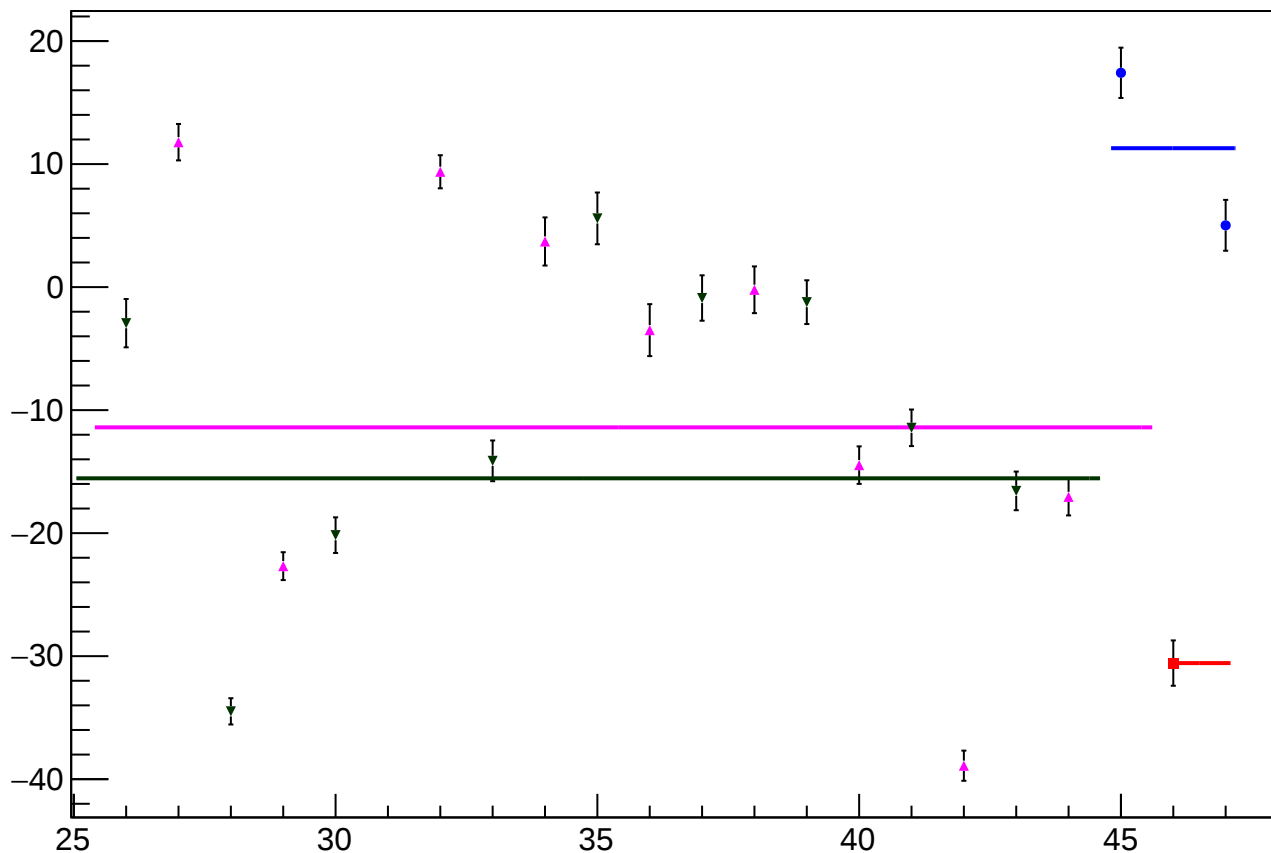
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: 11.292 $\pm$ 1.454 χ^2 /NDF: 18.2/1

Left Out: -15.543 $\pm$ 0.522 χ^2 /NDF: 604.1/8

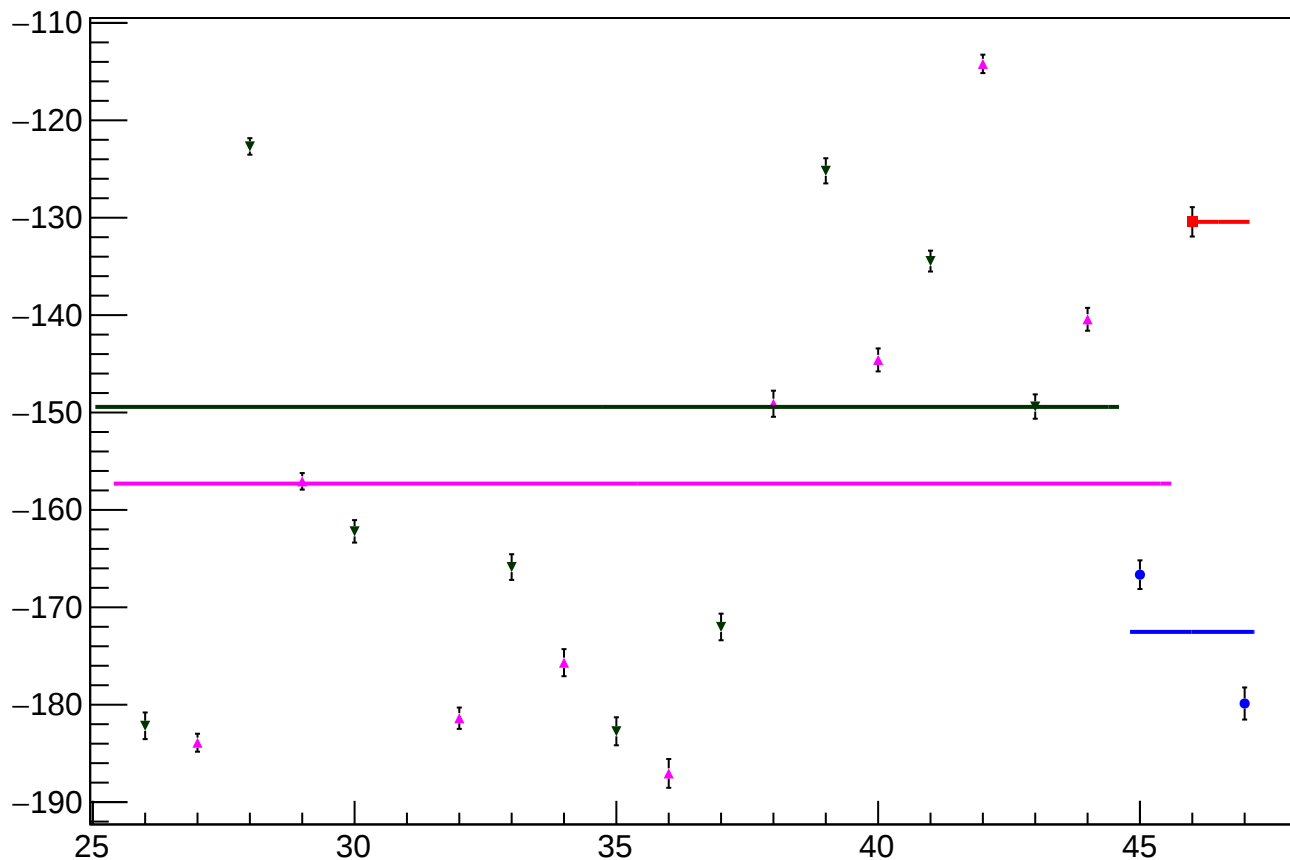
Right Out: -30.563 $\pm$ 1.843 χ^2 /NDF: 0.0/0

Left In: -11.401 $\pm$ 0.495 χ^2 /NDF: 1211.6/8

-12.480 $\pm$ 0.491 χ^2 /NDF: 924.2/10

-12.689 $\pm$ 0.478 χ^2 /NDF: 1312.4/9

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -172.523 ± 1.098 χ^2/NDF : 35.8/1

Left Out: -149.424 ± 0.396 χ^2/NDF : 3200.7/8

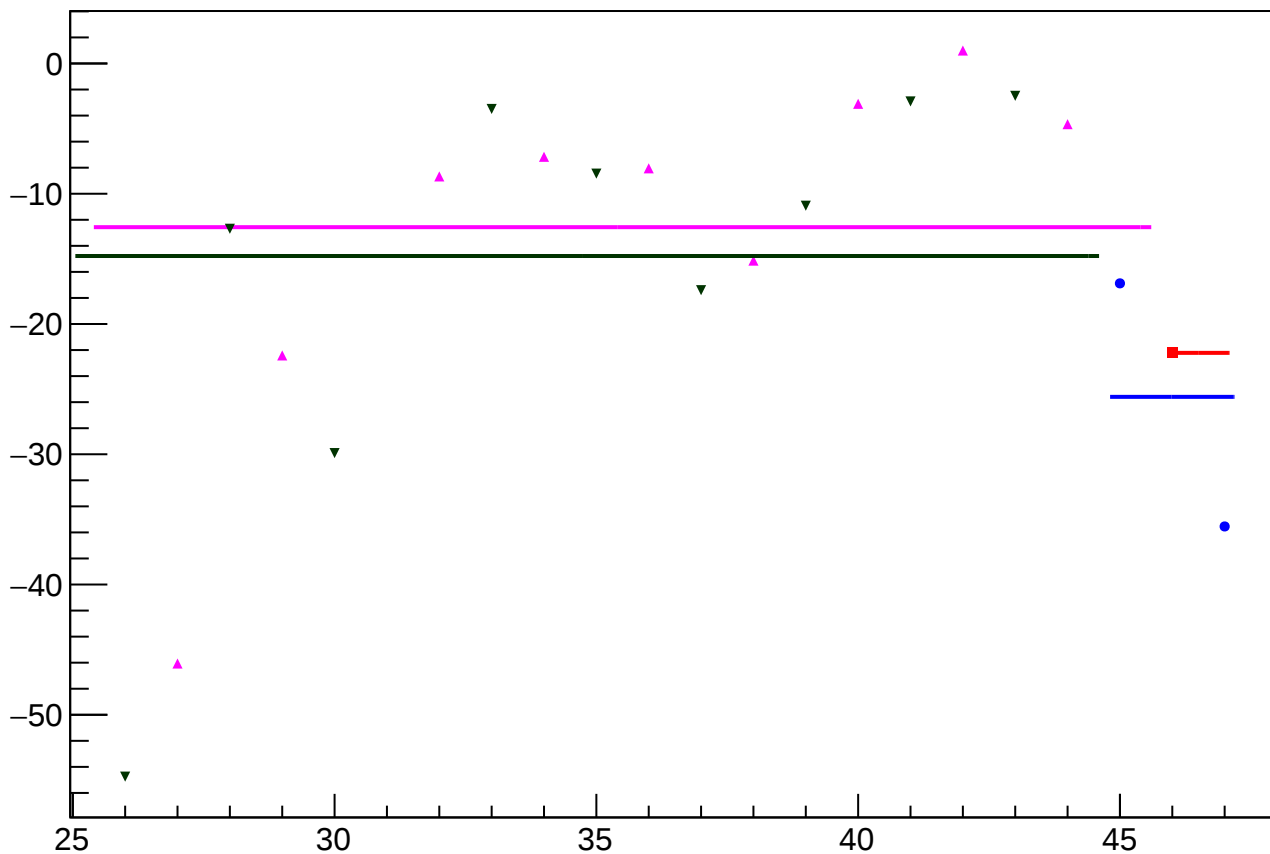
Right Out: -130.424 ± 1.508 χ^2/NDF : 0.0/0

Left In: -157.298 ± 0.365 χ^2/NDF : 4330.4/8

-152.082 ± 0.372 χ^2/NDF : 3628.1/10

-155.806 ± 0.355 χ^2/NDF : 4630.5/9

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -25.593 ± 0.238 χ^2/NDF : 1536.7/1

Left Out: -14.780 ± 0.088 χ^2/NDF : 26305.9/8

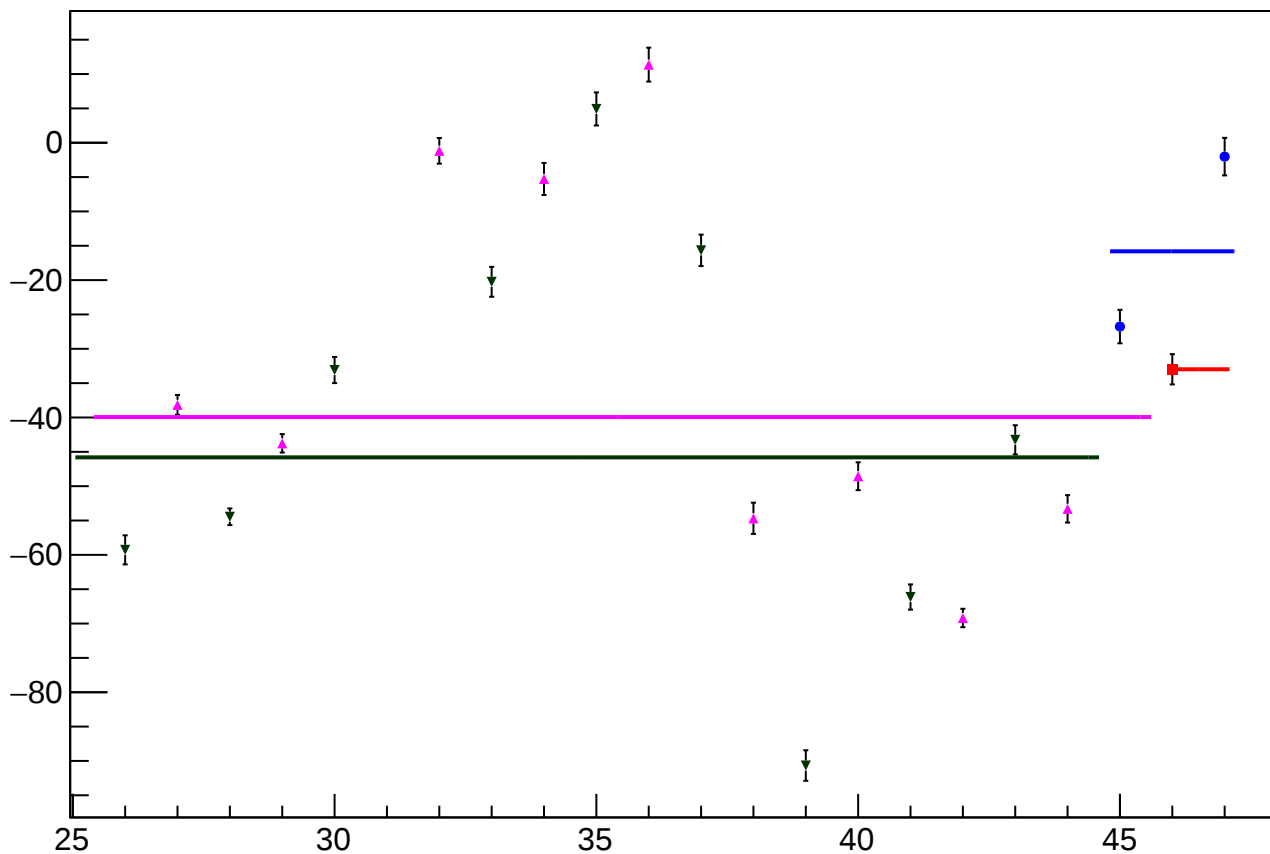
Right Out: -22.216 ± 0.281 χ^2/NDF : 0.0/0

Left In: -12.566 ± 0.085 χ^2/NDF : 25284.3/8

-16.095 ± 0.083 χ^2/NDF : 29663.1/10

-13.380 ± 0.082 χ^2/NDF : 26366.8/9

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -15.807±/-1.818 χ^2/NDF : 45.7/1

Left Out: -45.805±/-0.636 χ^2/NDF :1422.6/8

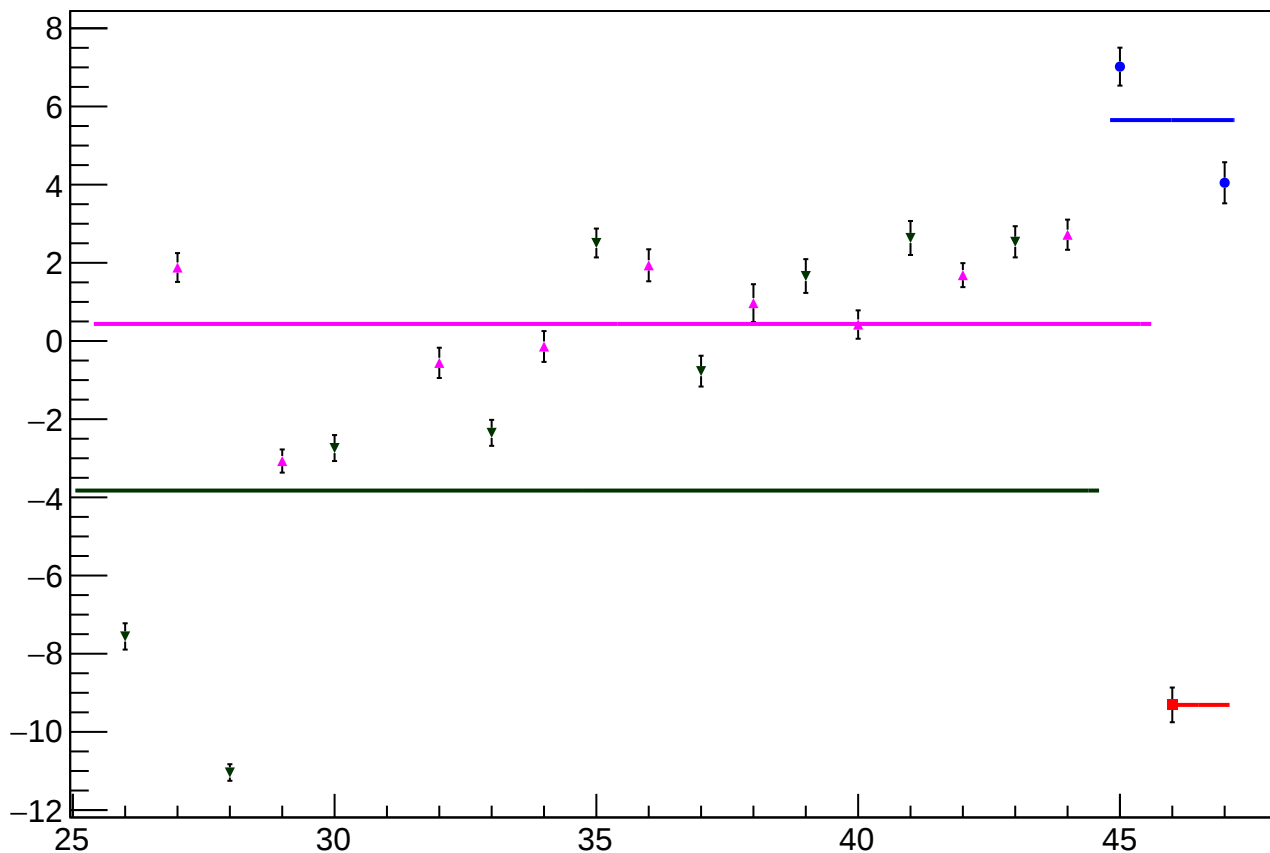
Right Out: -32.980±/-2.205 χ^2/NDF : 0.0/0

Left In: -39.933±/-0.586 χ^2/NDF :1674.5/8

-42.536±/-0.600 χ^2/NDF : 1710.9/10

-39.475±/-0.566 χ^2/NDF : 1683.8/9

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 5.652 $\pm$ 0.357 χ^2 /NDF: 17.2/1

Left Out: -3.826 $\pm$ 0.112 χ^2 /NDF: 2297.6/8

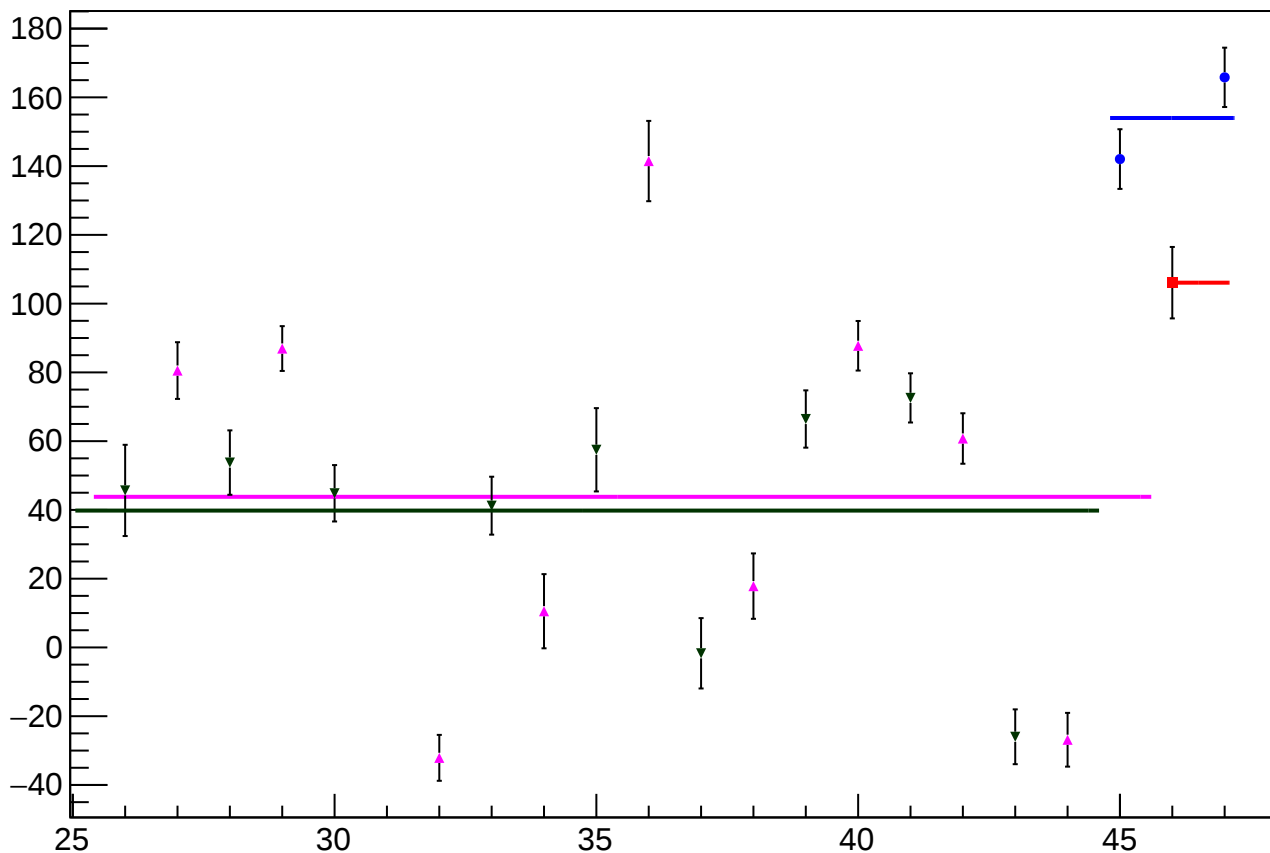
Right Out: -9.309 $\pm$ 0.444 χ^2 /NDF: 0.0/0

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-2.976 $\pm$ 0.107 χ^2 /NDF: 2957.8/10

-0.250 $\pm$ 0.118 χ^2 /NDF: 678.0/9

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 153.996±/6.120 χ^2/NDF : 3.8/1

Left Out: 39.807±/2.987 χ^2/NDF :120.7/8

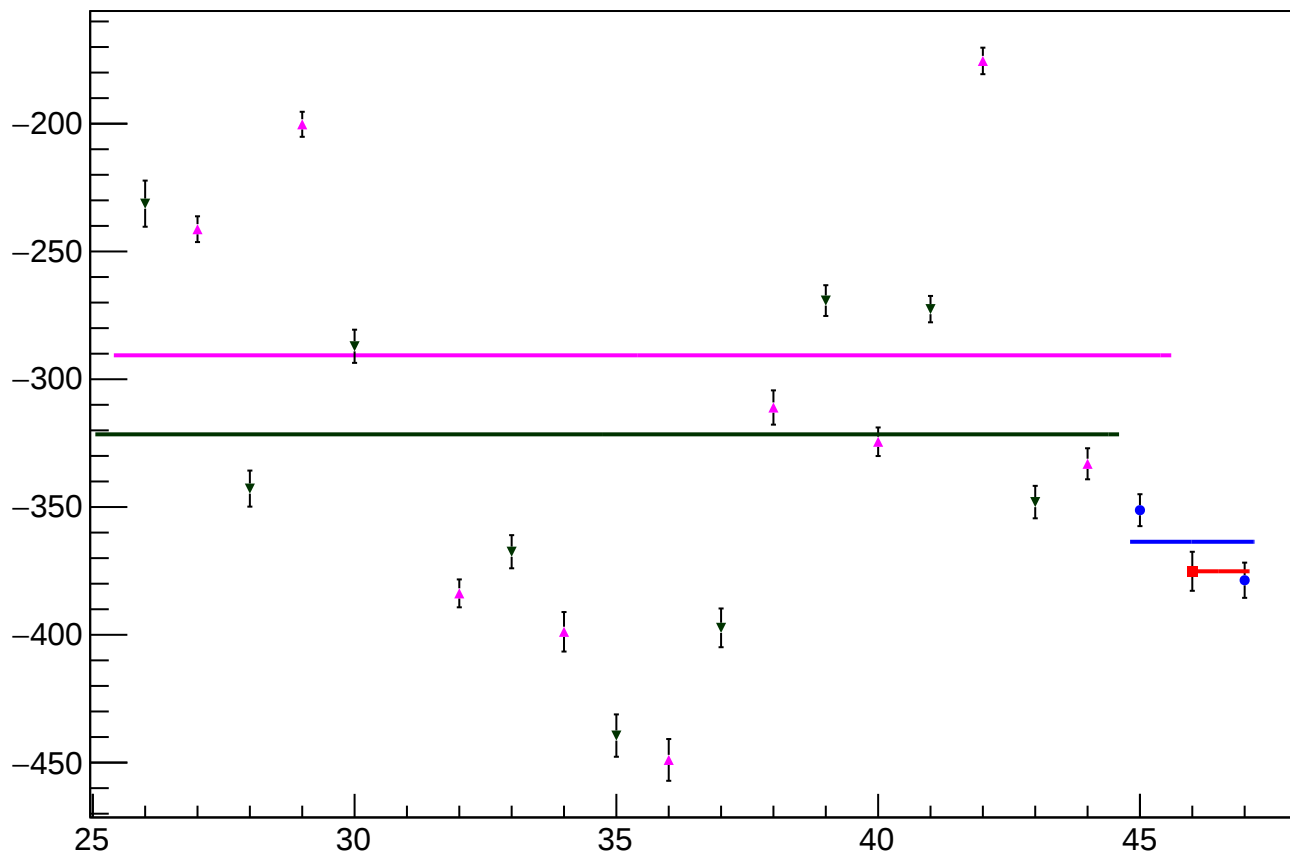
Right Out: 106.095±/10.391 χ^2/NDF : 0.0/0

Left In: 43.811±/2.656 χ^2/NDF :403.9/8

61.776±/2.685 χ^2/NDF : 405.6/10

47.630±/2.573 χ^2/NDF : 437.7/9

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -363.596+/-4.628 χ^2/NDF : 8.7/1

Left Out: -321.559+/-2.226 χ^2/NDF : 672.6/8

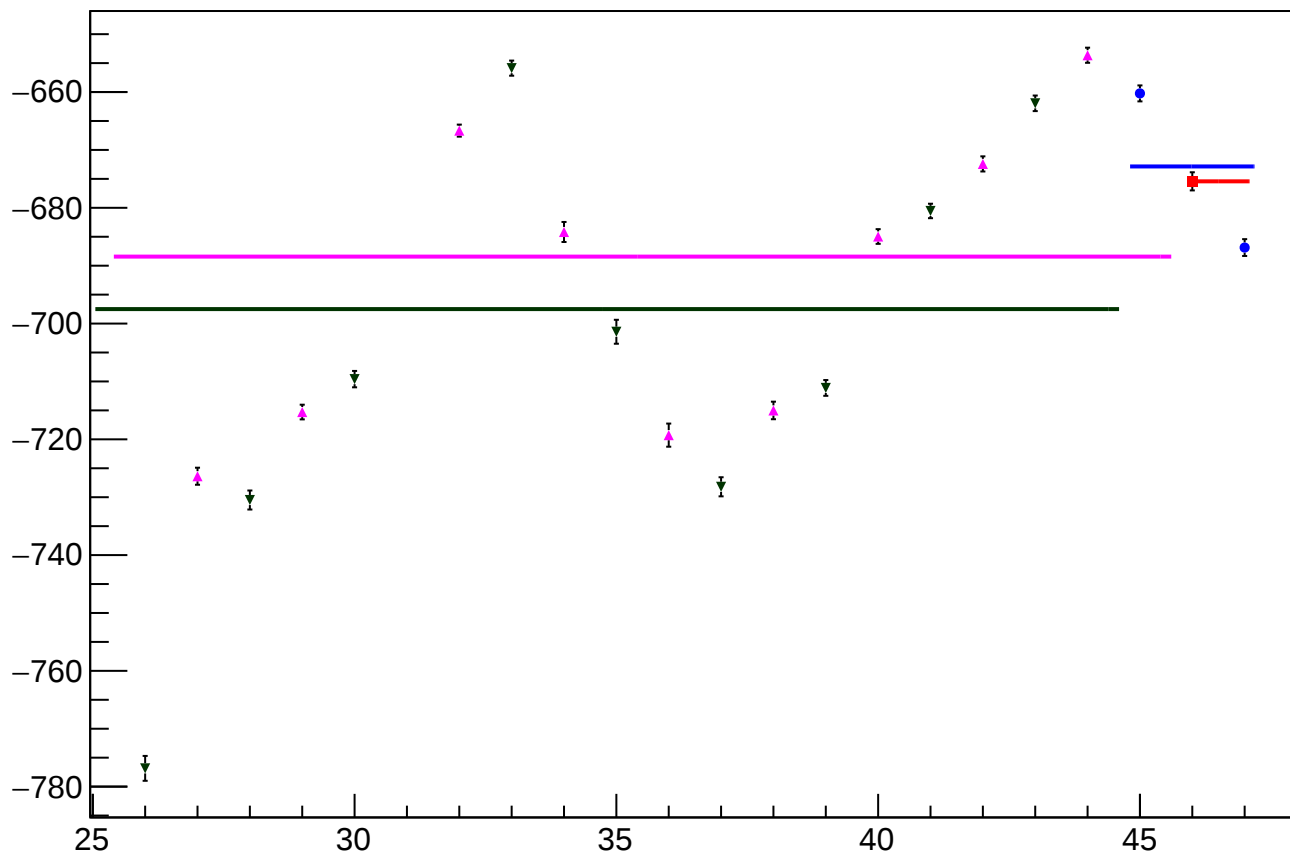
Right Out: -375.147+/-7.635 χ^2/NDF : 0.0/0

Left In: -290.636+/-1.943 χ^2/NDF : 1886.8/8

-329.460+/-2.006 χ^2/NDF : 748.3/10

-295.778+/-1.883 χ^2/NDF : 2001.8/9

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -672.854+/-1.001 χ^2/NDF : 176.7/1

Left Out: -697.498+/-0.500 χ^2/NDF : 4190.1/8

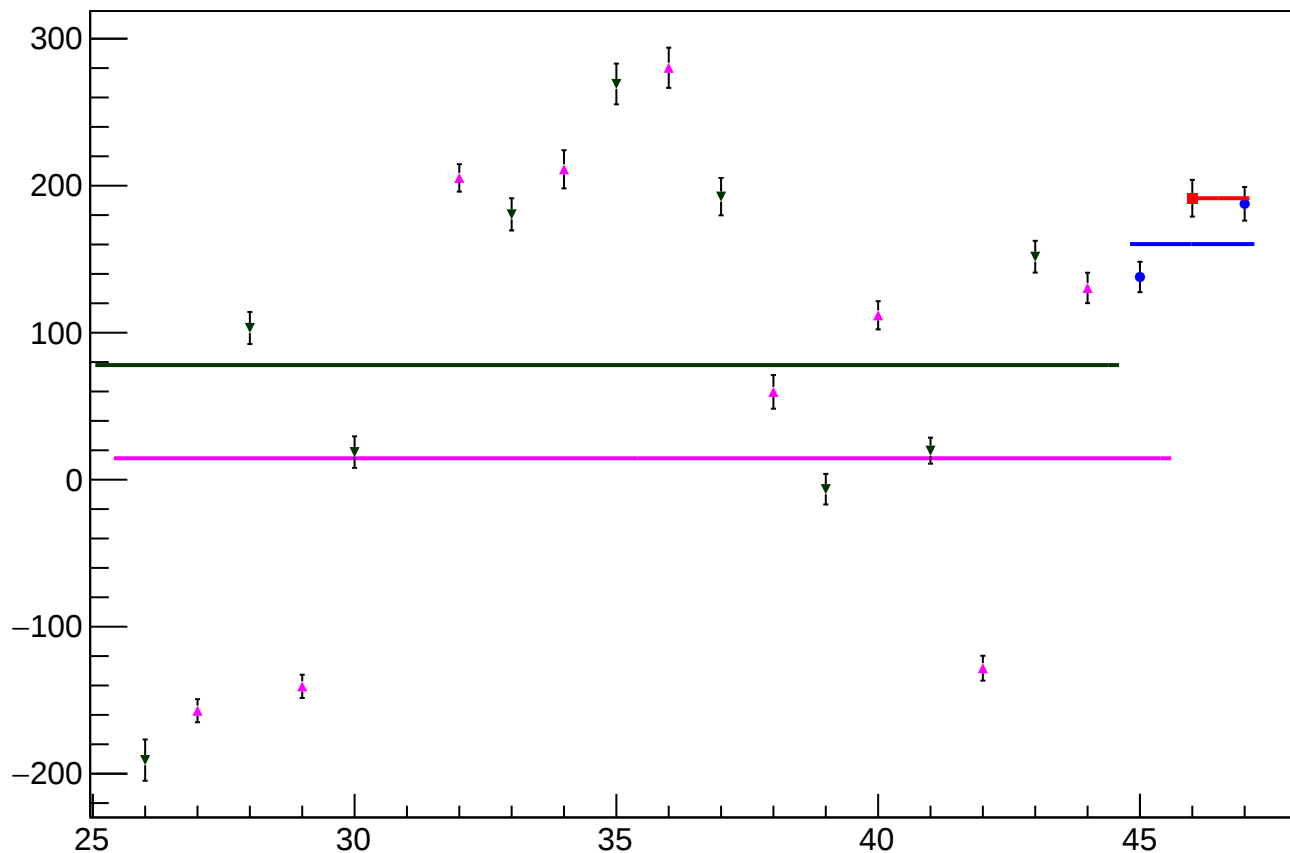
Right Out: -675.427+/-1.568 χ^2/NDF : 0.0/0

Left In: -688.429+/-0.456 χ^2/NDF : 2965.5/8

-692.580+/-0.447 χ^2/NDF : 4852.4/10

-687.416+/-0.438 χ^2/NDF : 3028.9/9

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 160.282 $\pm$ 7.667 χ^2 /NDF: 10.4/1

Left Out: 77.958 $\pm$ 3.716 χ^2 /NDF:915.0/8

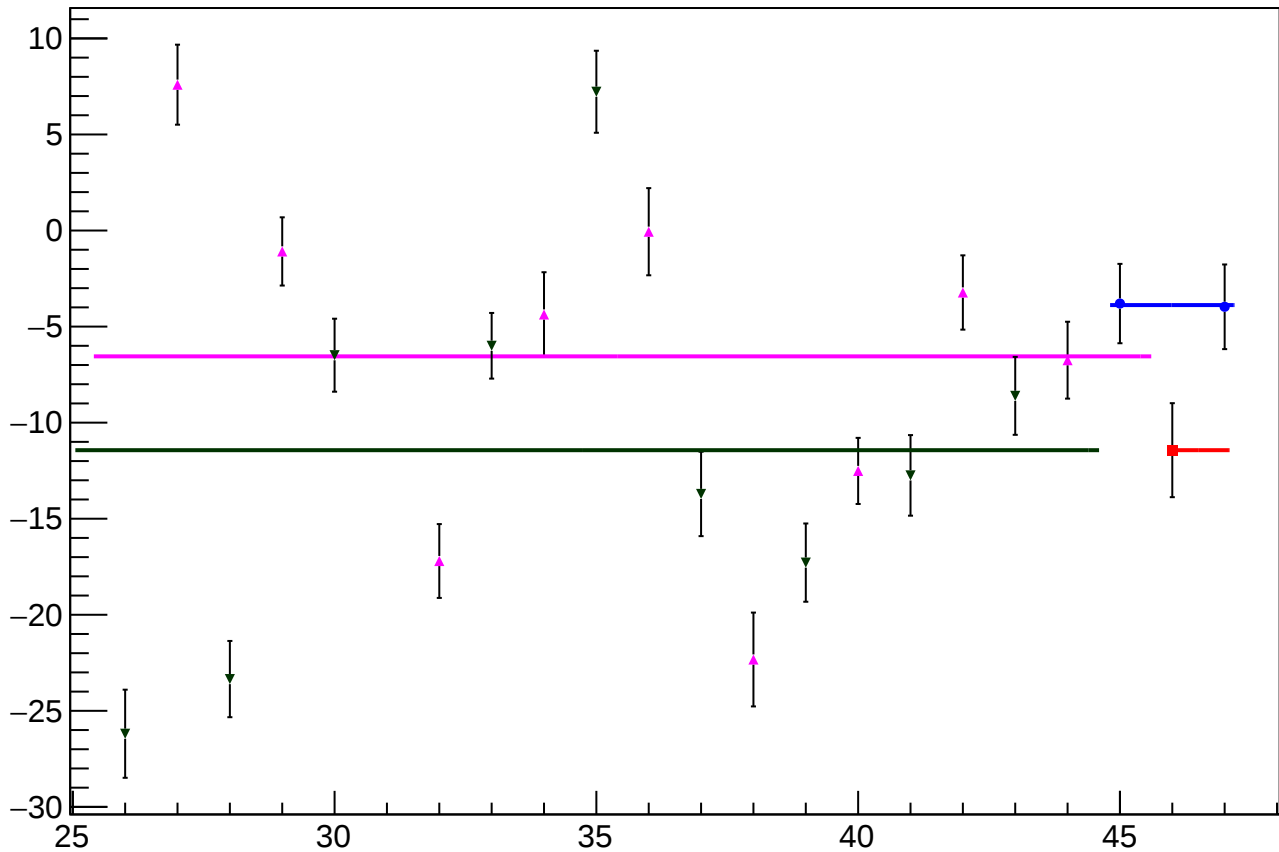
Right Out: 191.468 $\pm$ 12.491 χ^2 /NDF: 0.0/0

Left In: 14.568 $\pm$ 3.215 χ^2 /NDF:2415.4/8

93.617 $\pm$ 3.344 χ^2 /NDF: 1018.8/10

25.557 $\pm$ 3.113 χ^2 /NDF: 2603.5/9

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.880 $\pm$ 1.507 χ^2/NDF : 0.0/1

Left Out: -11.434 $\pm$ 0.674 χ^2/NDF :182.4/8

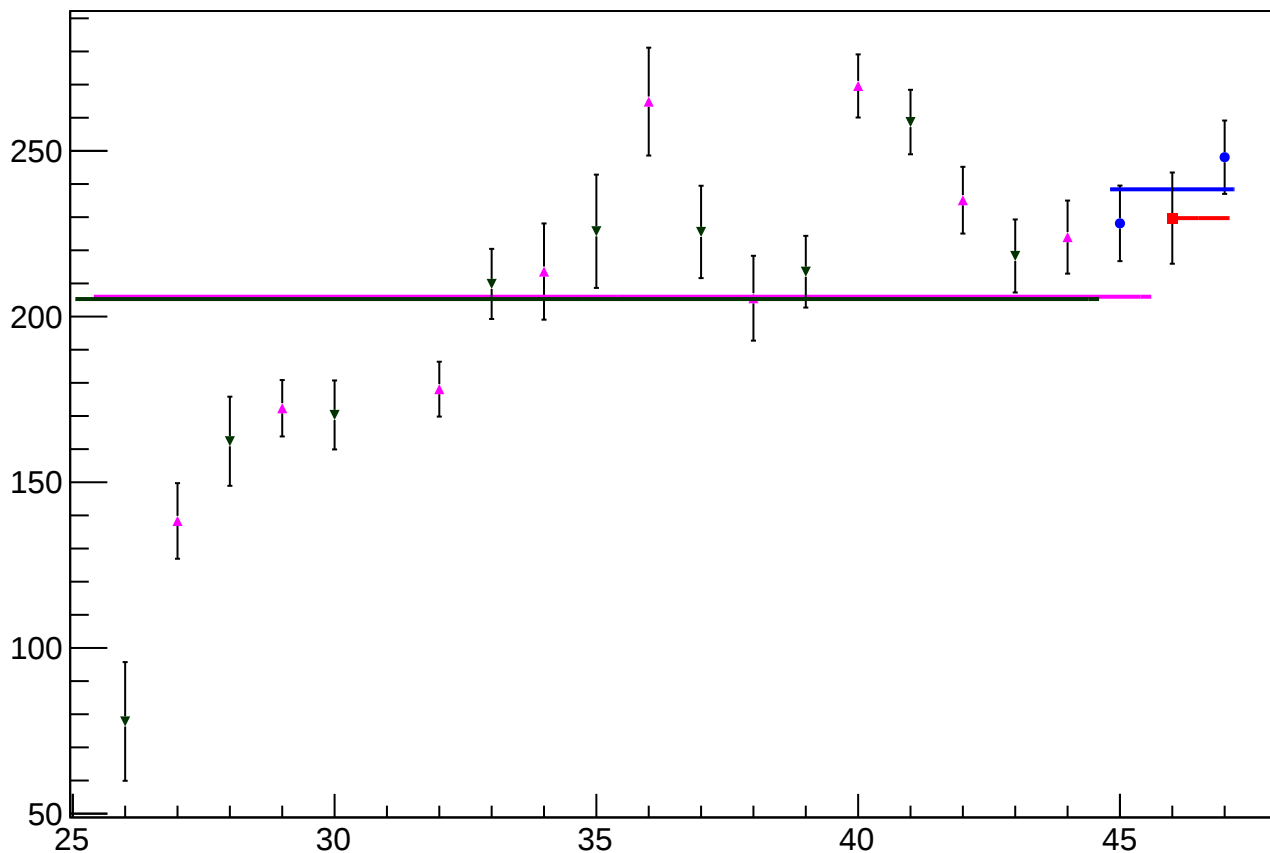
Right Out: -11.433 $\pm$ 2.447 χ^2/NDF : 0.0/0

Left In: -6.549 $\pm$ 0.668 χ^2/NDF :152.2/8

-10.174 $\pm$ 0.615 χ^2/NDF : 203.3/10

-6.888 $\pm$ 0.644 χ^2/NDF : 155.9/9

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 238.401+/-7.941 χ^2/NDF : 1.6/1

Left Out: 205.287+/-3.993 χ^2/NDF :108.0/8

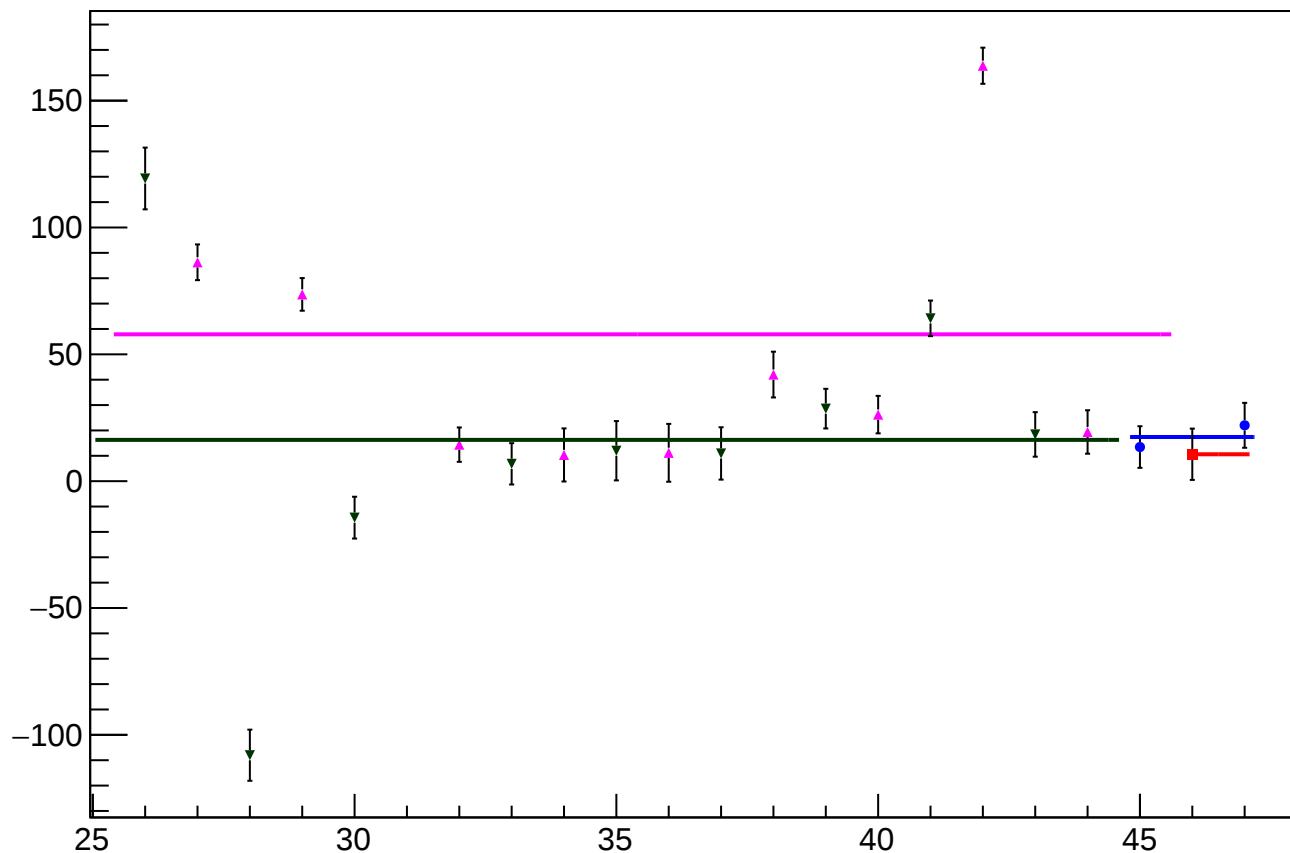
Right Out: 229.711+/-13.762 χ^2/NDF : 0.0/0

Left In: 205.988+/-3.539 χ^2/NDF :131.2/8

211.969+/-3.567 χ^2/NDF : 123.4/10

207.459+/-3.428 χ^2/NDF : 134.0/9

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 17.413 $\pm$ 6.015 χ^2 /NDF: 0.5/1

Left Out: 16.279 $\pm$ 2.978 χ^2 /NDF:288.5/8

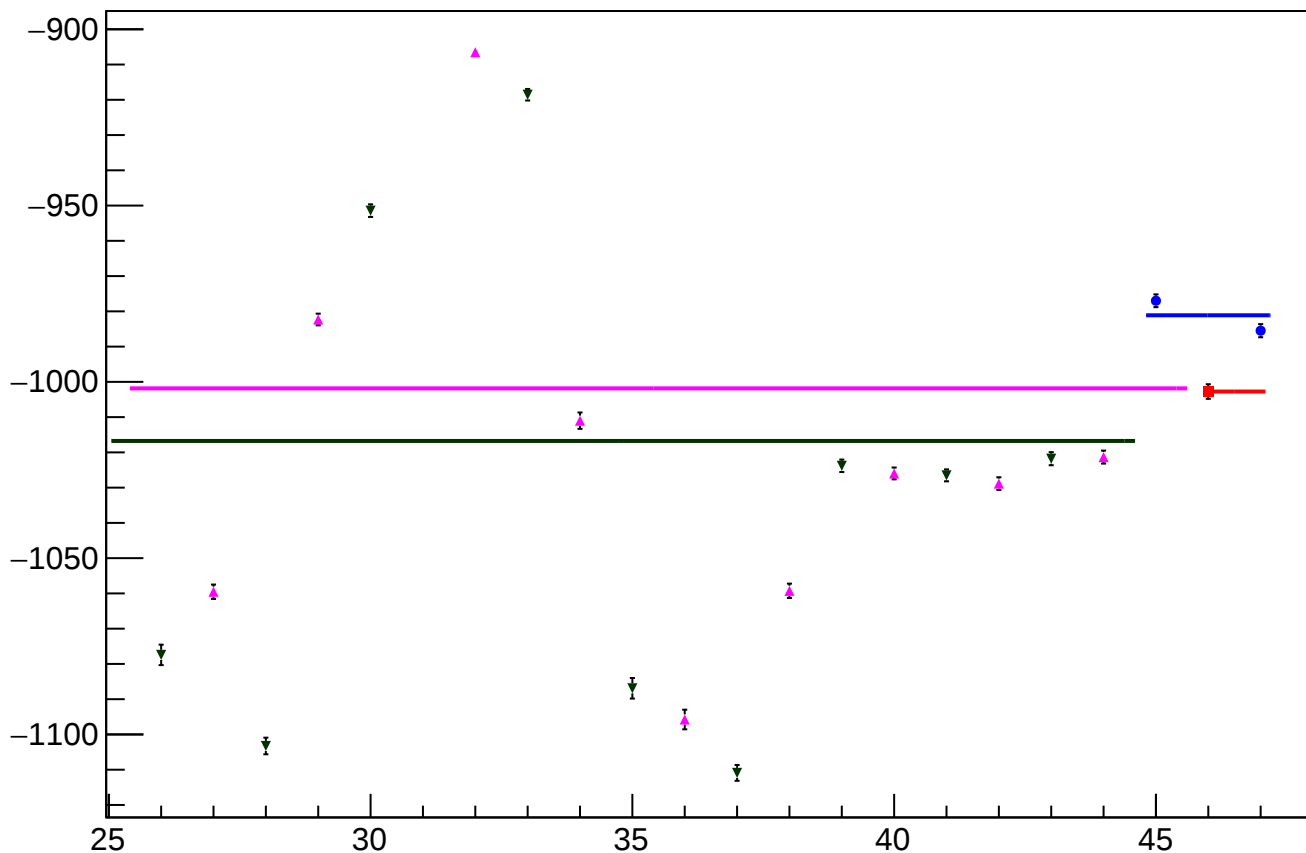
Right Out: 10.610 $\pm$ 10.112 χ^2 /NDF: 0.0/0

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF:363.5/8

16.502 $\pm$ 2.669 χ^2 /NDF: 289.0/10

54.929 $\pm$ 2.526 χ^2 /NDF: 383.9/9

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -981.119+/-1.301 χ^2/NDF : 10.6/1

Left Out: -1016.757+/-0.666 χ^2/NDF : 9085.0/8

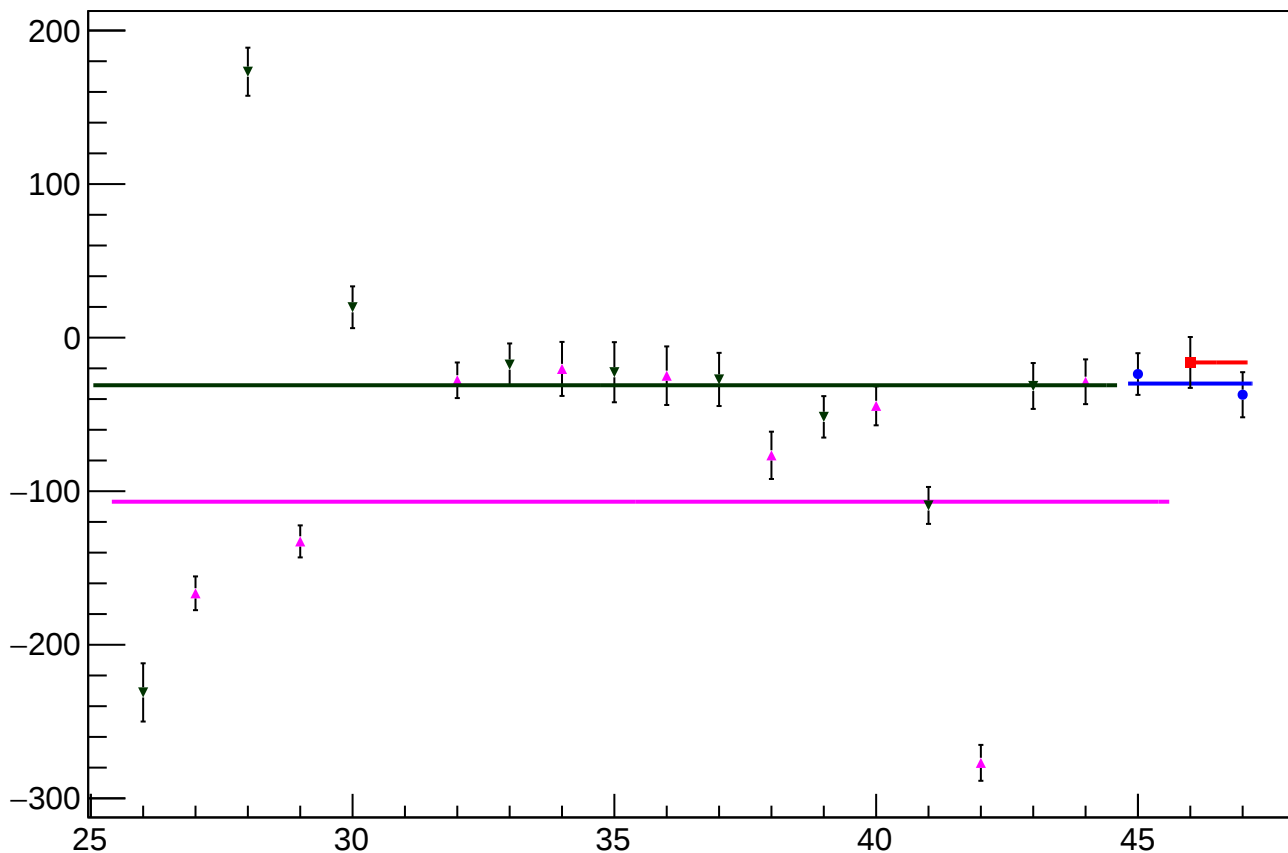
Right Out: -1002.747+/-2.075 χ^2/NDF : 0.0/0

Left In: -1001.844+/-0.607 χ^2/NDF : 8875.1/8

-1009.348+/-0.593 χ^2/NDF : 9690.5/10

-1001.915+/-0.582 χ^2/NDF : 8875.3/9

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -29.906±9.970 χ^2/NDF : 0.5/1

Left Out: -31.002±4.978 χ^2/NDF :340.9/8

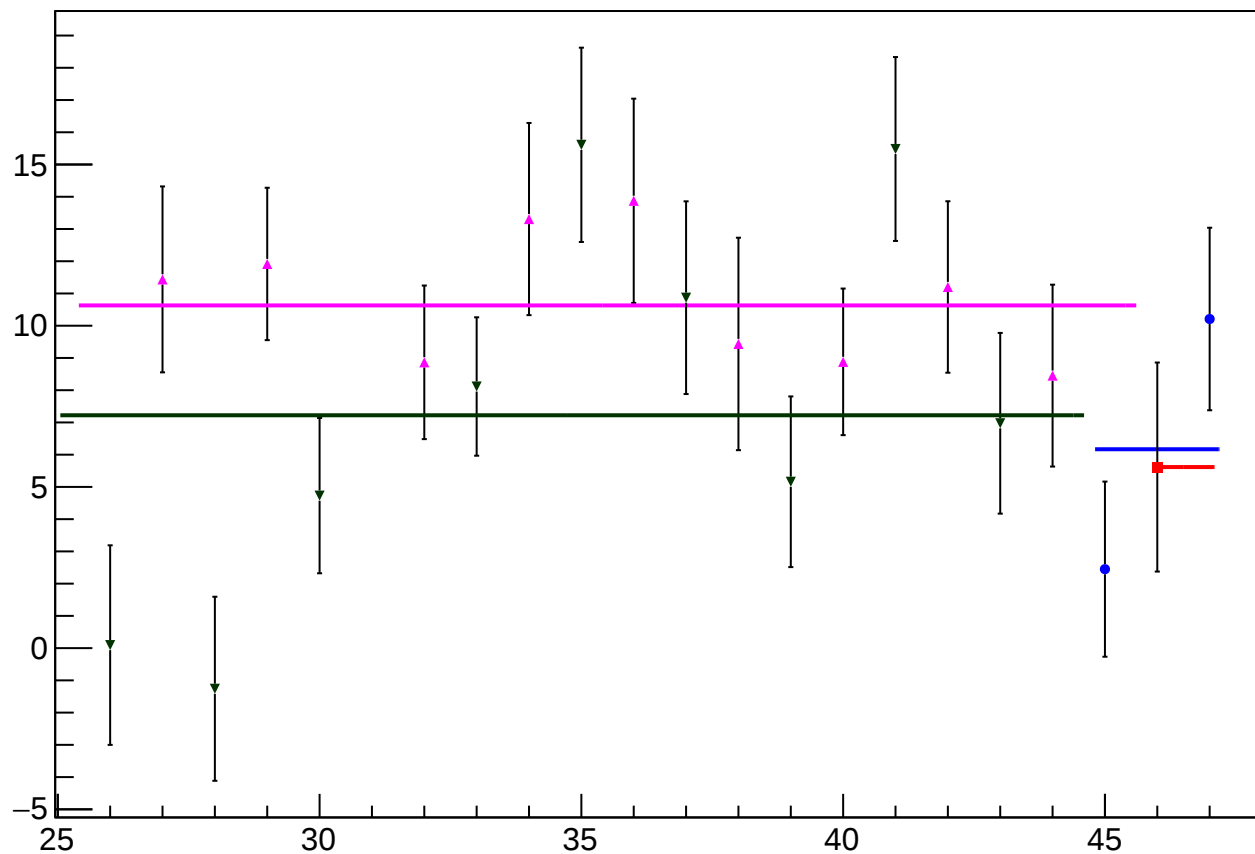
Right Out: -16.152±16.567 χ^2/NDF : 0.0/0

Left In: -106.838±4.330 χ^2/NDF :393.2/8

-30.783±4.454 χ^2/NDF : 341.4/10

-101.040±4.189 χ^2/NDF : 421.3/9

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 6.169 ± 1.960 χ^2/NDF : 3.9/1

Left Out: 7.222 ± 0.901 χ^2/NDF : 33.6/8

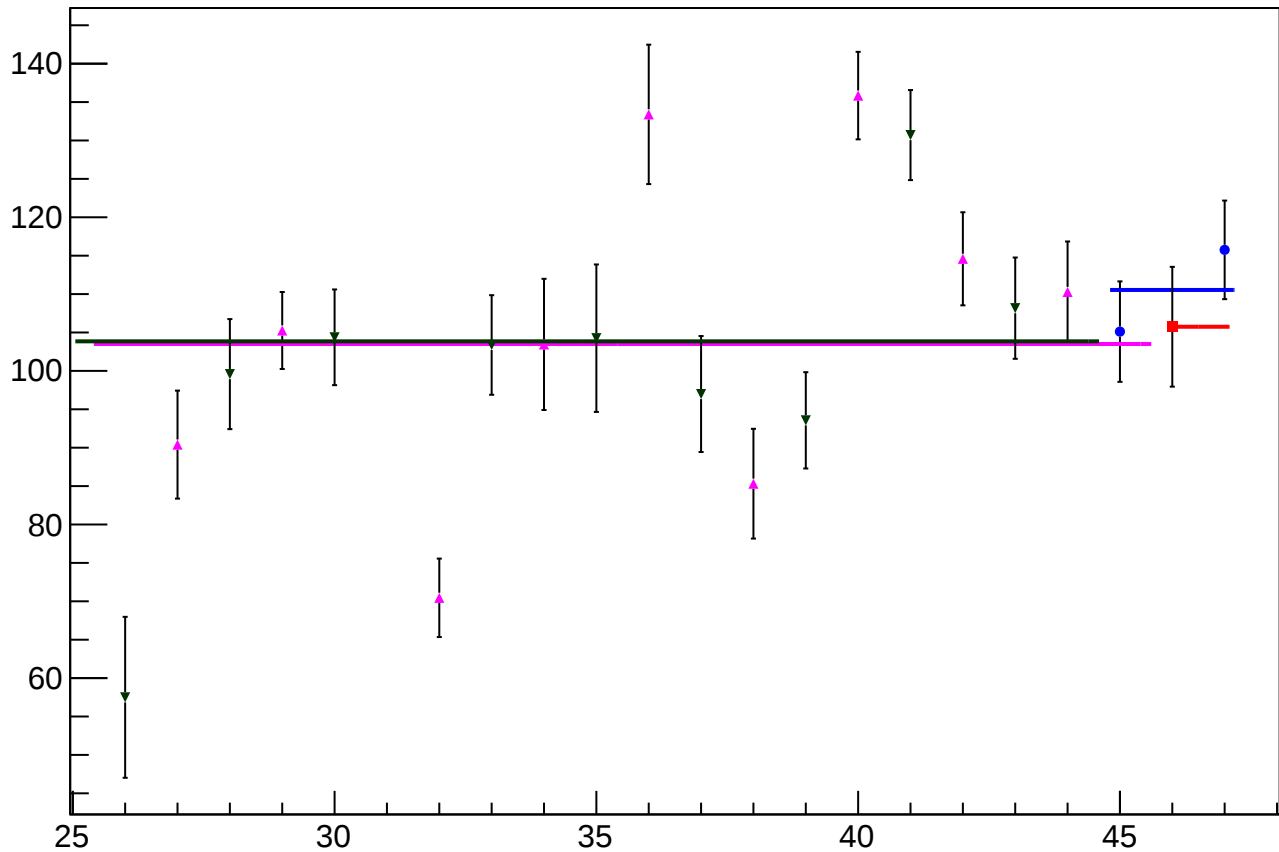
Right Out: 5.616 ± 3.242 χ^2/NDF : 0.0/0

Left In: 10.629 ± 0.898 χ^2/NDF : 4.1/8

7.038 ± 0.819 χ^2/NDF : 37.8/10

10.272 ± 0.865 χ^2/NDF : 6.4/9

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 110.538 ± 4.581 $\chi^2/\text{NDF}: 1.3/1$

Left Out: 103.848 ± 2.331 $\chi^2/\text{NDF}: 44.9/8$

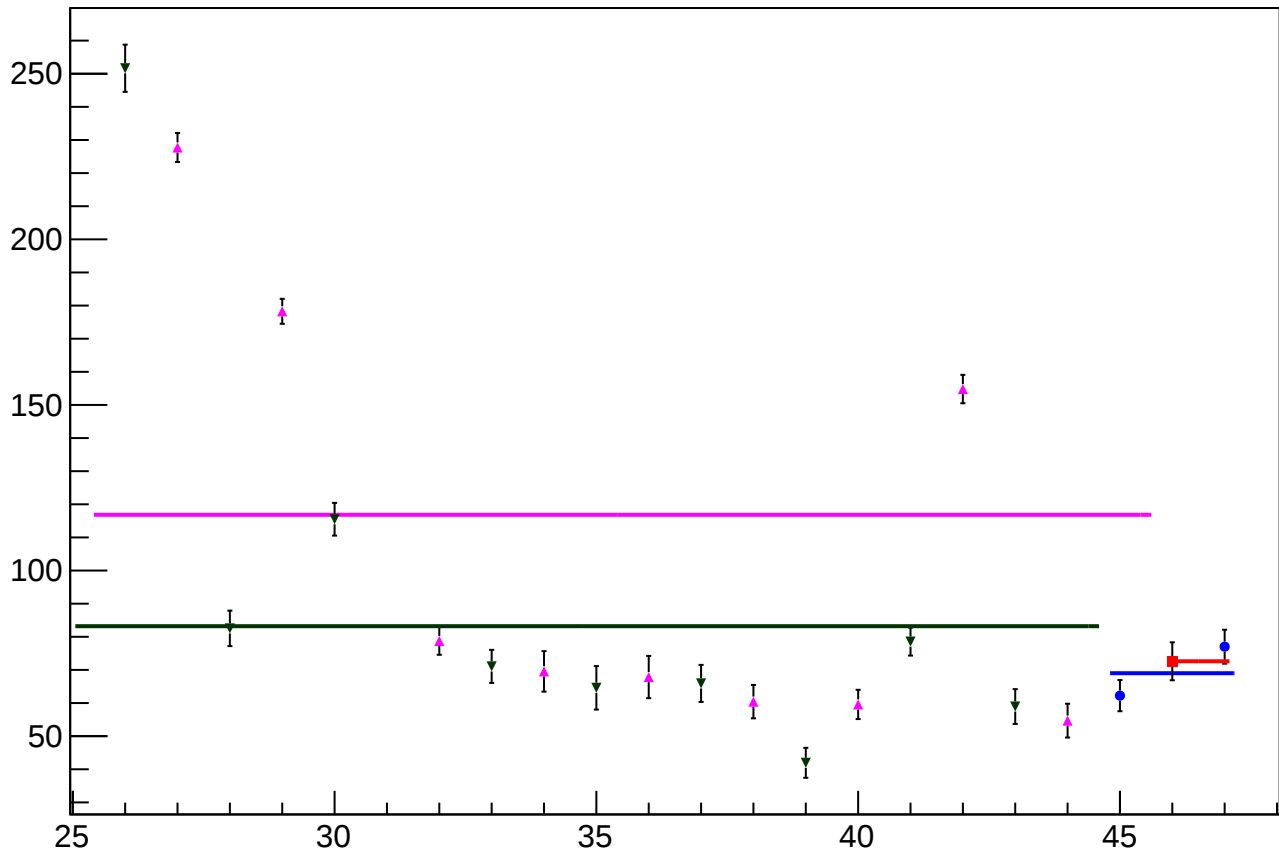
Right Out: 105.747 ± 7.798 $\chi^2/\text{NDF}: 0.0/0$

Left In: 103.503 ± 2.108 $\chi^2/\text{NDF}: 99.4/8$

105.224 ± 2.077 $\chi^2/\text{NDF}: 47.9/10$

103.655 ± 2.035 $\chi^2/\text{NDF}: 99.5/9$

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 69.003 $\pm$ 3.466 χ^2 /NDF: 4.5/1

Left Out: 83.201 $\pm$ 1.736 χ^2 /NDF: 731.5/8

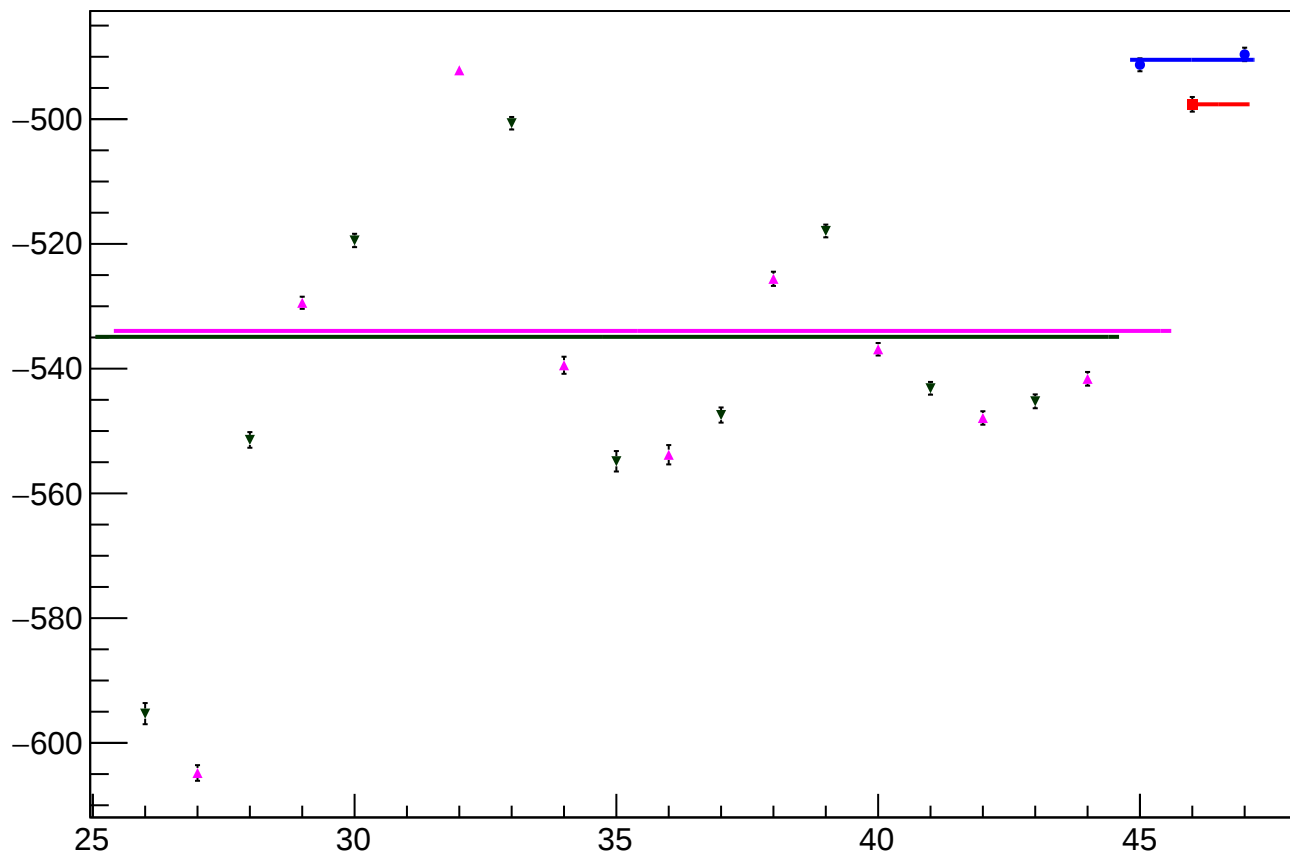
Right Out: 72.606 $\pm$ 5.730 χ^2 /NDF: 0.0/0

Left In: 116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

80.354 $\pm$ 1.552 χ^2 /NDF: 749.4/10

113.811 $\pm$ 1.499 χ^2 /NDF: 1686.3/9

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -490.485+/-0.749 χ^2/NDF : 1.2/1

Left Out: -534.901+/-0.389 χ^2/NDF : 3490.3/8

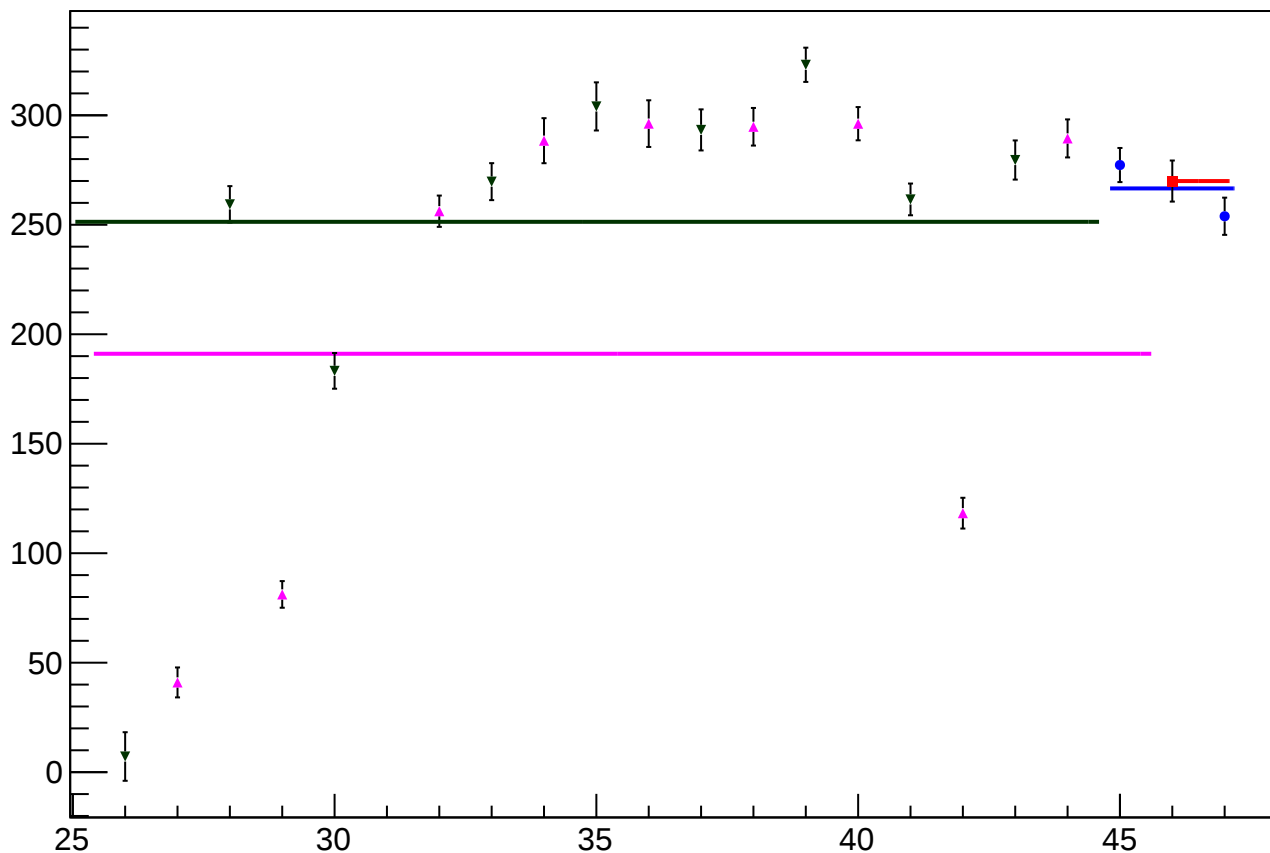
Right Out: -497.621+/-1.176 χ^2/NDF : 0.0/0

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-525.464+/-0.345 χ^2/NDF : 6261.6/10

-530.823+/-0.345 χ^2/NDF : 7314.5/9

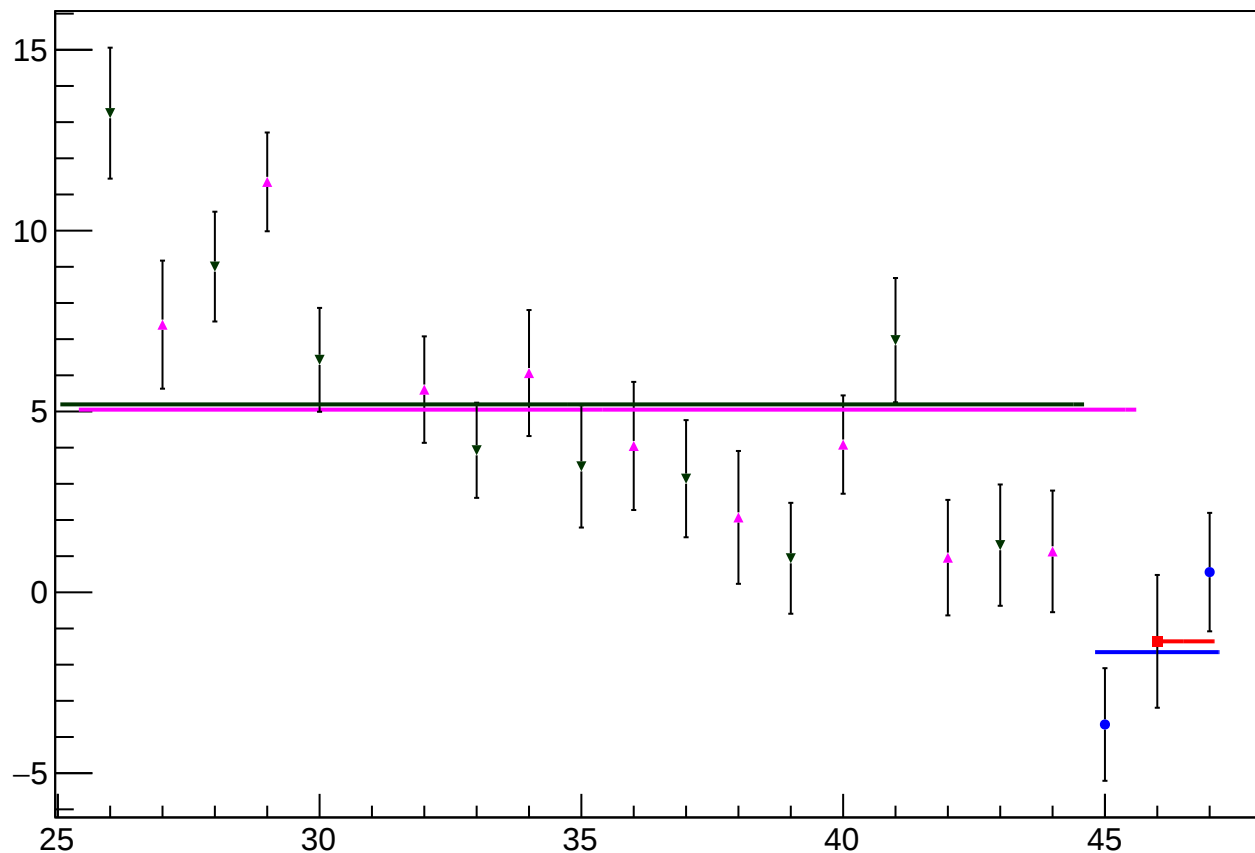
reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 266.599 ± 5.743 χ^2/NDF : 4.1/1
 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

254.443 ± 2.586 χ^2/NDF : 708.5/10
 196.624 ± 2.485 χ^2/NDF : 1715.9/9

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -1.653 ± 1.128 $\chi^2/\text{NDF}: 3.5/1$

Left Out: 5.196 ± 0.523 $\chi^2/\text{NDF}: 44.5/8$

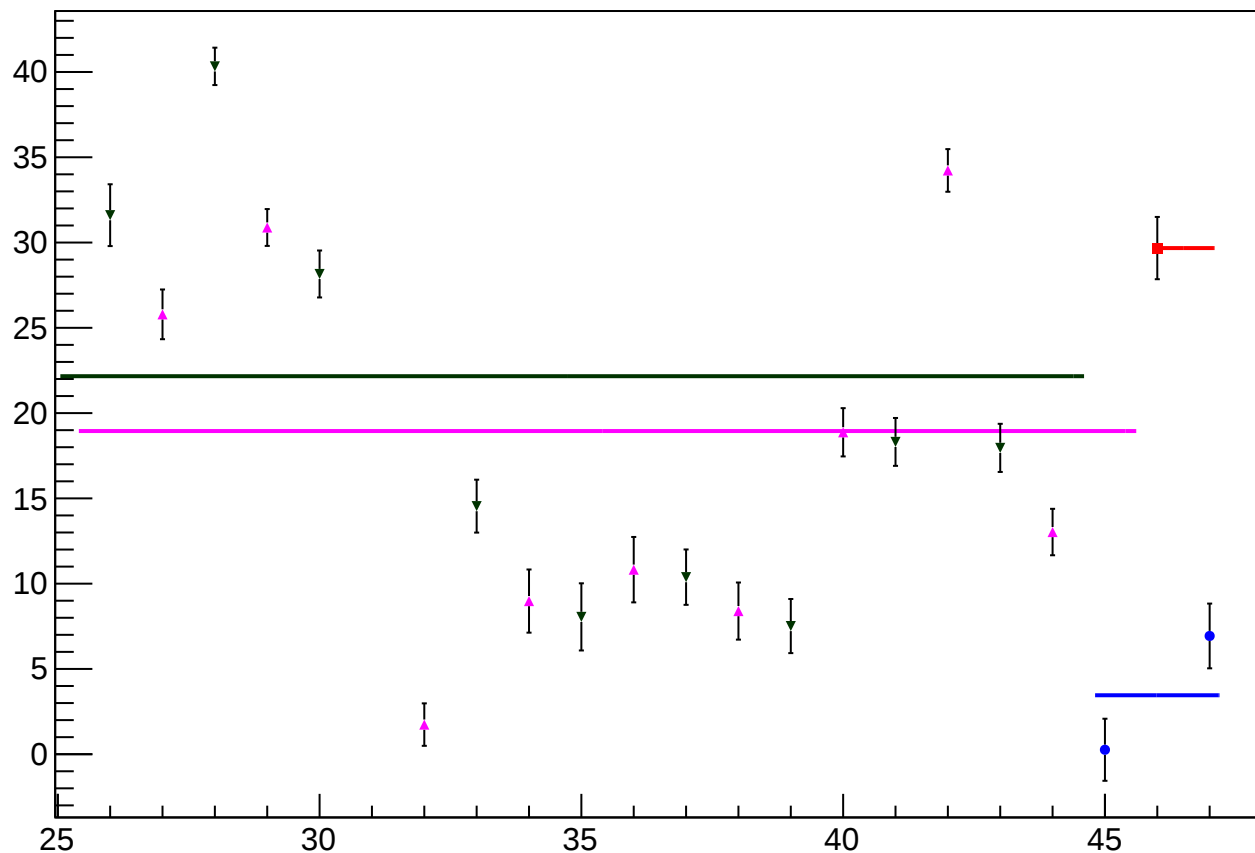
Right Out: -1.355 ± 1.836 $\chi^2/\text{NDF}: 0.0/0$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

3.984 ± 0.475 $\chi^2/\text{NDF}: 78.3/10$

4.556 ± 0.510 $\chi^2/\text{NDF}: 50.2/9$

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 3.457+/-1.313 χ^2/NDF : 6.4/1

Left Out: 22.164+/-0.492 χ^2/NDF :550.6/8

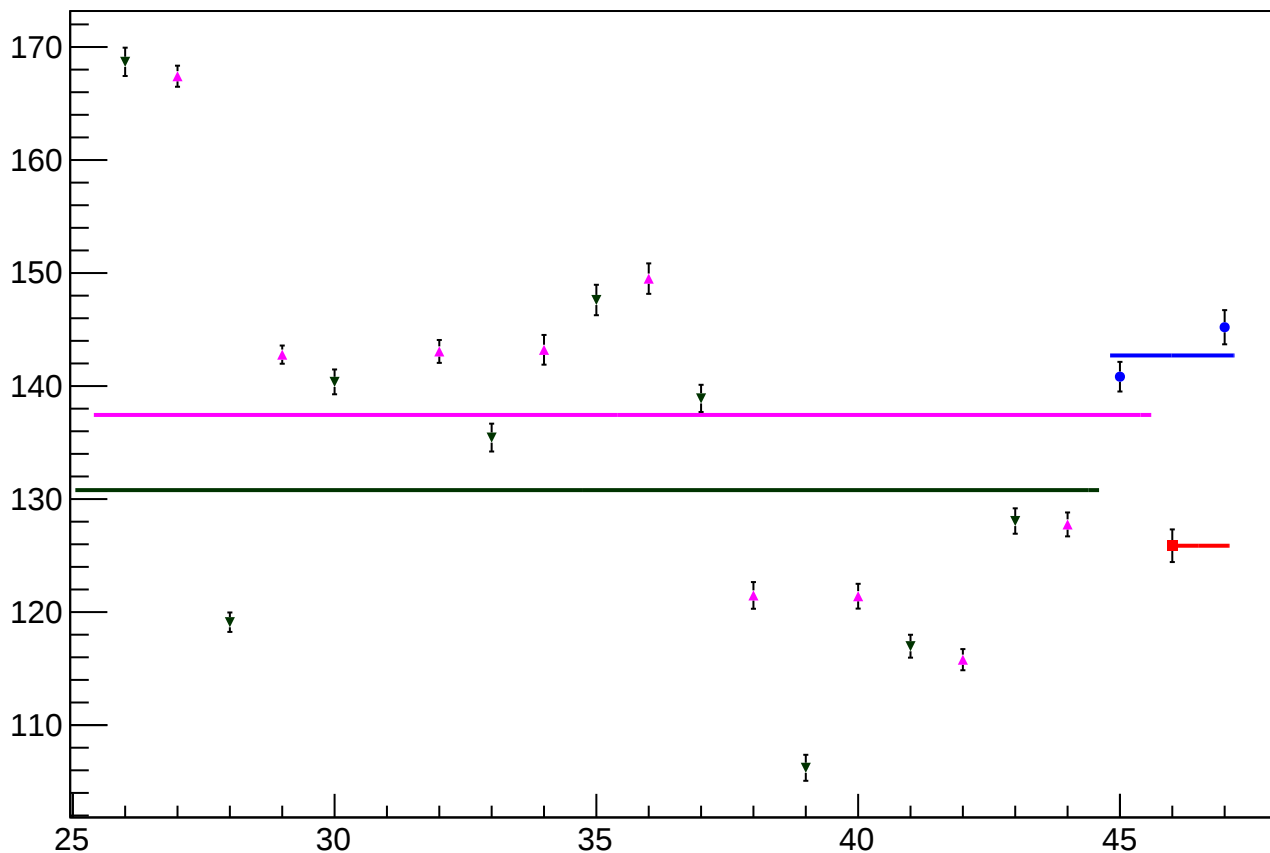
Right Out: 29.676+/-1.826 χ^2/NDF : 0.0/0

Left In: 18.948+/-0.468 χ^2/NDF :590.1/8

19.858+/-0.461 χ^2/NDF : 734.9/10

19.609+/-0.453 χ^2/NDF : 622.5/9

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 142.707 $\pm$ 0.990 χ^2 /NDF: 4.8/1

Left Out: 130.793 $\pm$ 0.372 χ^2 /NDF:2039.0/8

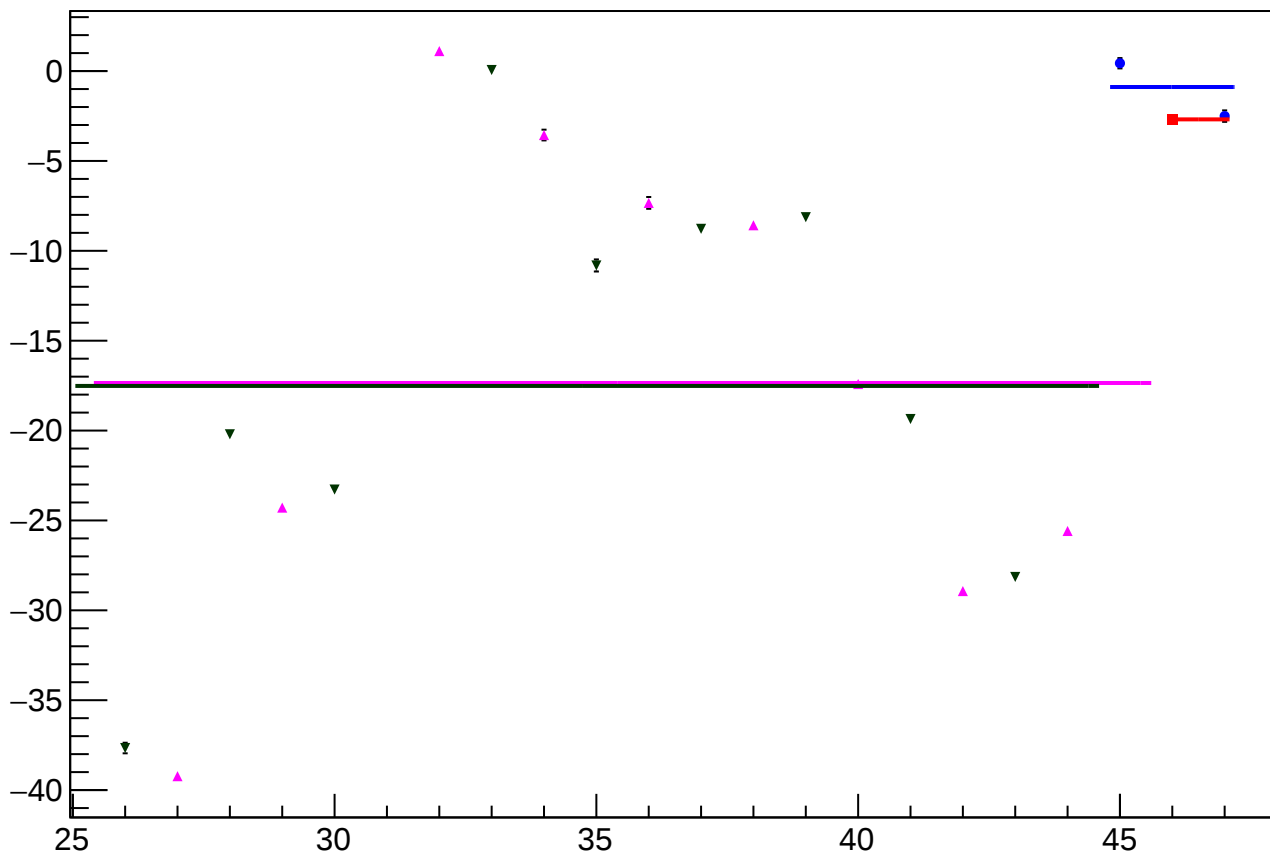
Right Out: 125.872 $\pm$ 1.444 χ^2 /NDF: 0.0/0

Left In: 137.444 $\pm$ 0.345 χ^2 /NDF:2221.9/8

132.263 $\pm$ 0.348 χ^2 /NDF: 2170.6/10

136.818 $\pm$ 0.336 χ^2 /NDF: 2282.7/9

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -0.887 $\pm$ 0.214 χ^2 /NDF: 46.8/1

Left Out: -17.516 $\pm$ 0.083 χ^2 /NDF:15652.4/8

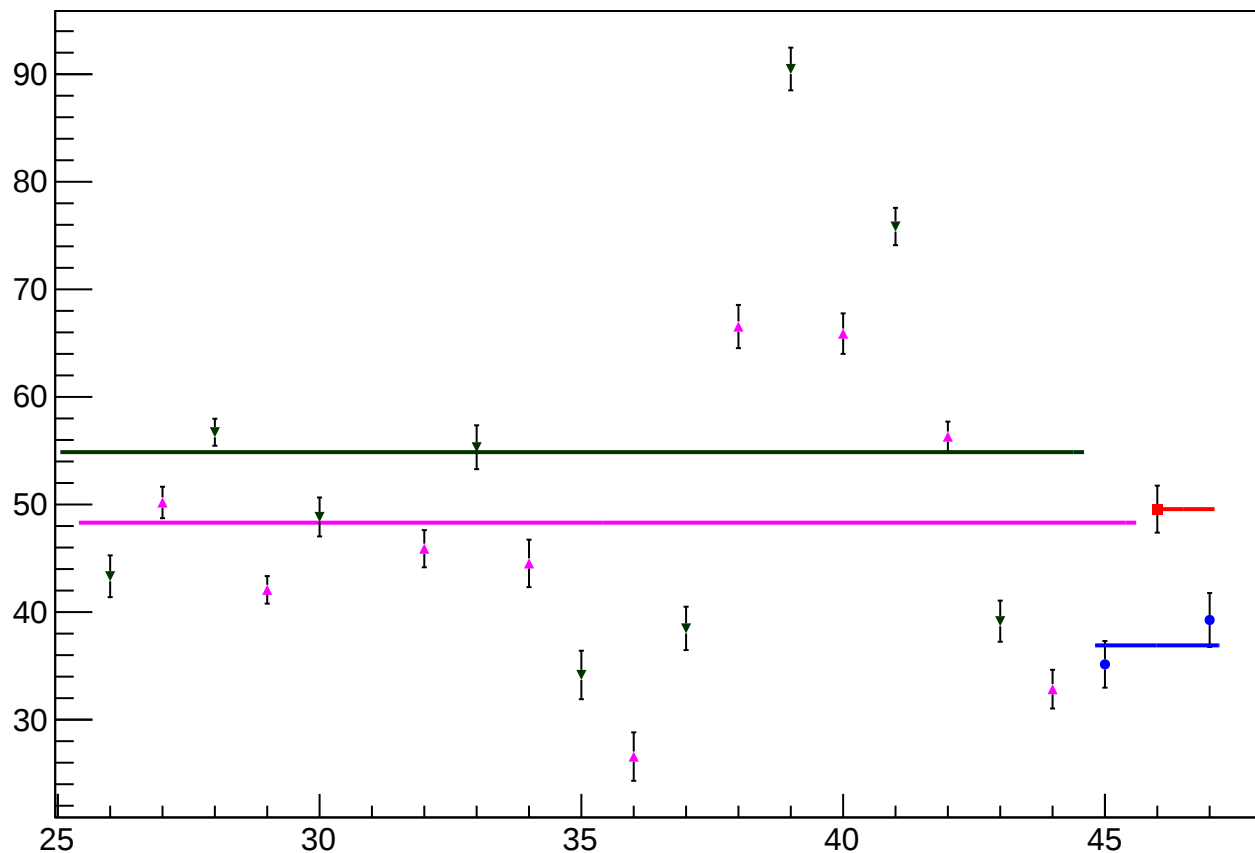
Right Out: -2.687 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Left In: -17.353 $\pm$ 0.080 χ^2 /NDF:25925.9/8

-15.345 $\pm$ 0.077 χ^2 /NDF: 20957.2/10

-16.222 $\pm$ 0.077 χ^2 /NDF: 28502.7/9

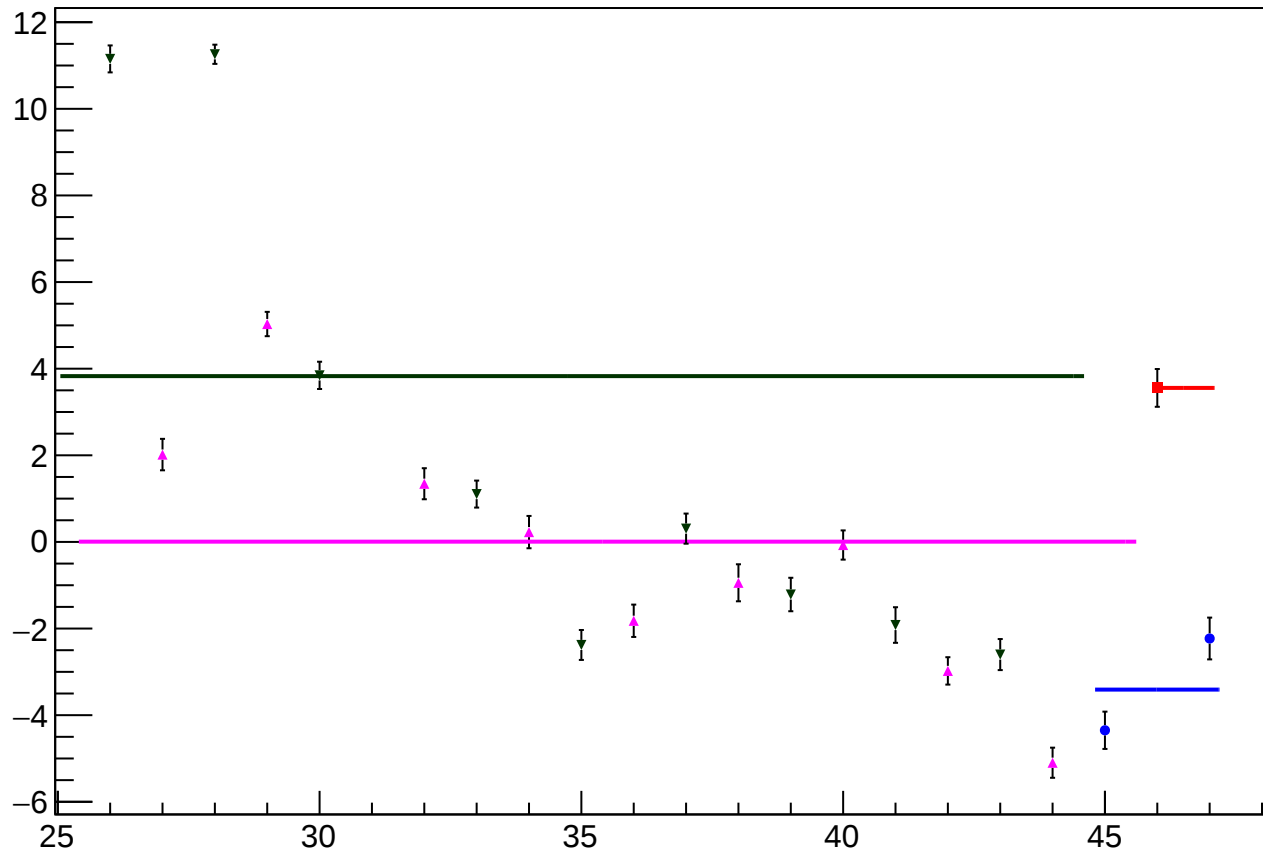
reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 36.906 $\pm$ 1.639 χ^2 /NDF: 1.5/1
 Left Out: 54.868 $\pm$ 0.603 χ^2 /NDF: 735.8/8
 Right Out: 49.570 $\pm$ 2.184 χ^2 /NDF: 0.0/0
 Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

52.727 $\pm$ 0.566 χ^2 /NDF: 843.1/10
 48.389 $\pm$ 0.544 χ^2 /NDF: 400.7/9

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -3.410 ± 0.321 $\chi^2/\text{NDF}: 10.7/1$

Left Out: 3.828 ± 0.107 $\chi^2/\text{NDF}: 2866.4/8$

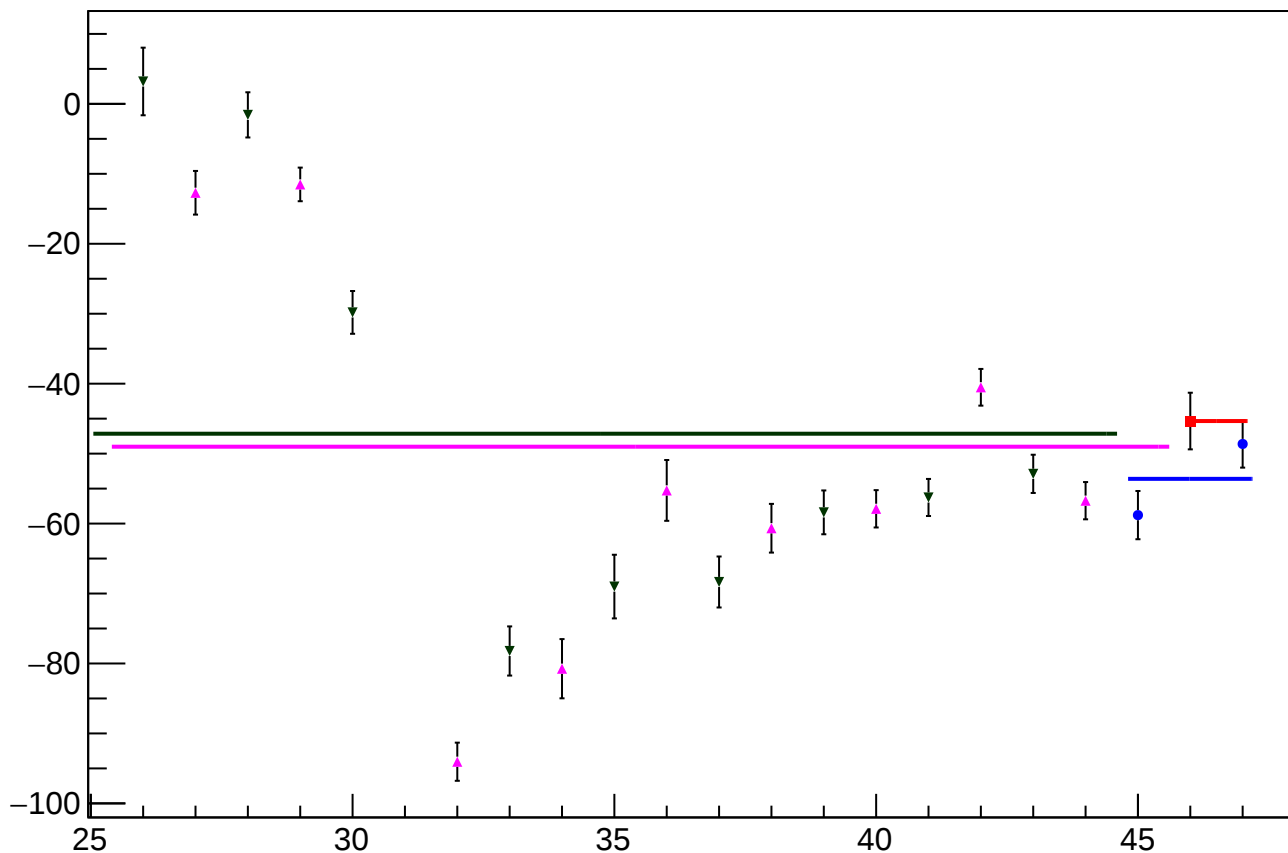
Right Out: 3.556 ± 0.436 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.006 ± 0.116 $\chi^2/\text{NDF}: 698.4/8$

3.111 ± 0.101 $\chi^2/\text{NDF}: 3334.5/10$

0.239 ± 0.112 $\chi^2/\text{NDF}: 760.3/9$

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -53.606 ± 2.414 $\chi^2/\text{NDF}: 4.4/1$

Left Out: -47.154 ± 1.099 $\chi^2/\text{NDF}: 504.0/8$

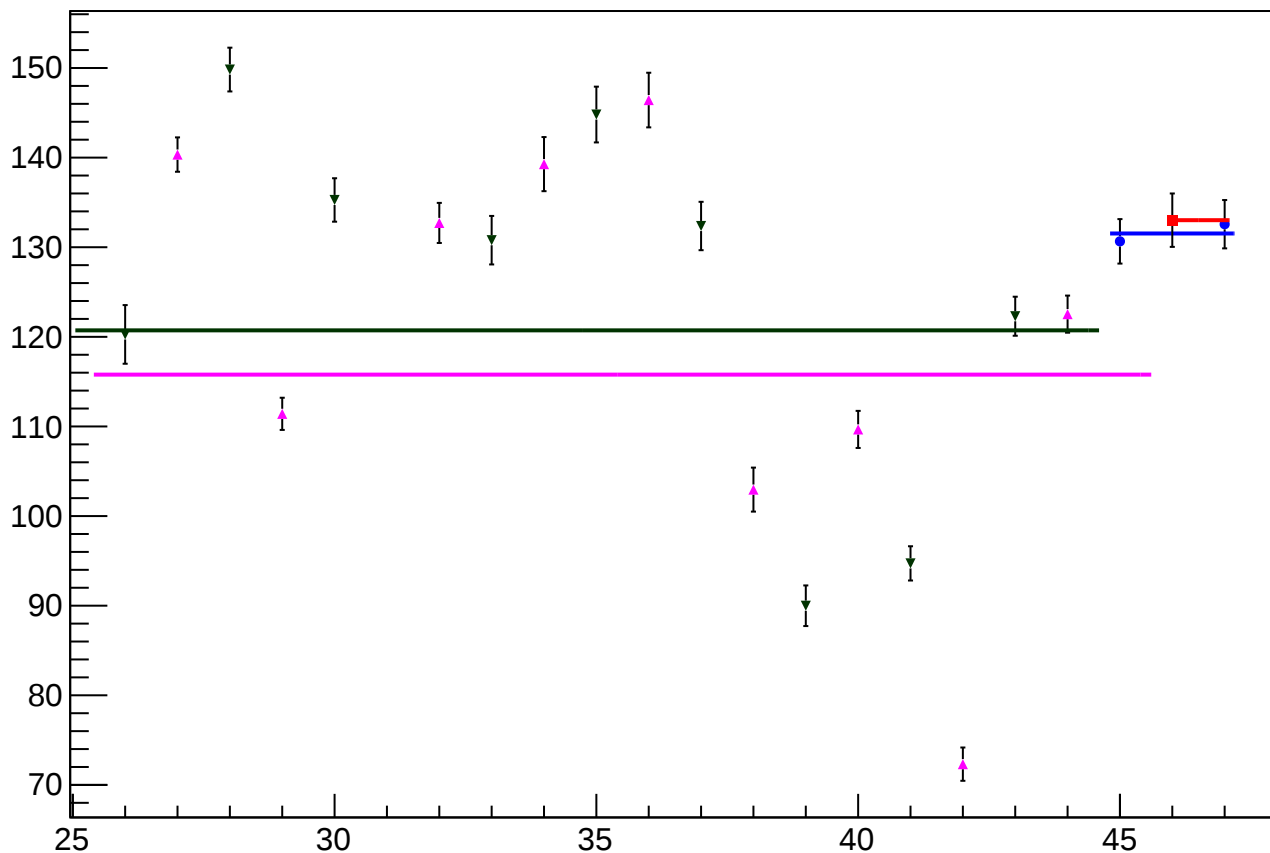
Right Out: -45.342 ± 4.048 $\chi^2/\text{NDF}: 0.0/0$

Left In: -49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-48.261 ± 1.000 $\chi^2/\text{NDF}: 514.3/10$

-48.805 ± 0.958 $\chi^2/\text{NDF}: 751.8/9$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 131.533+/-1.826 χ^2/NDF : 0.3/1

Left Out: 120.724+/-0.820 χ^2/NDF : 639.8/8

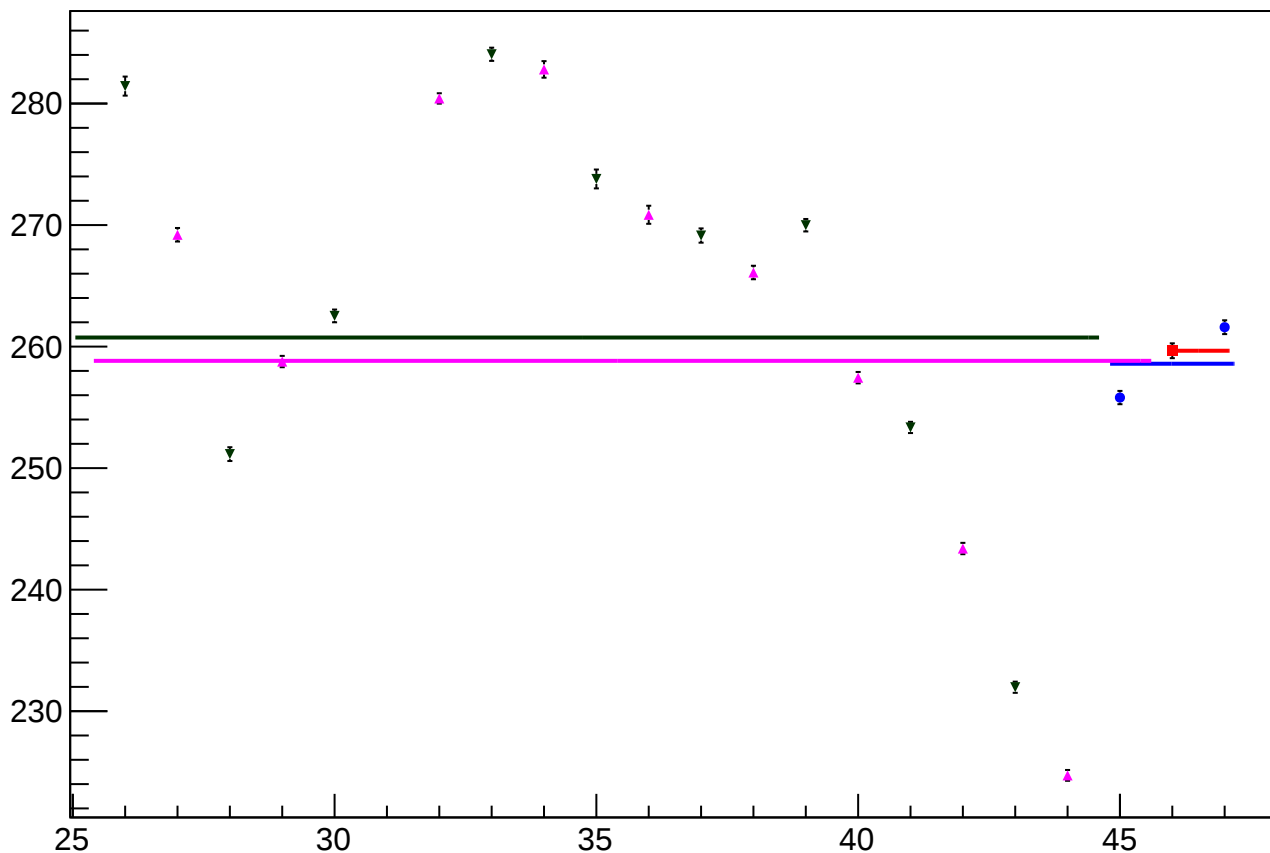
Right Out: 133.018+/-2.979 χ^2/NDF : 0.0/0

Left In: 115.784+/-0.721 χ^2/NDF : 983.2/8

122.537+/-0.748 χ^2/NDF : 669.3/10

116.738+/-0.701 χ^2/NDF : 1014.8/9

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 258.590 $\pm$ 0.394 χ^2/NDF : 53.8/1

Left Out: 260.747 $\pm$ 0.184 χ^2/NDF : 7794.0/8

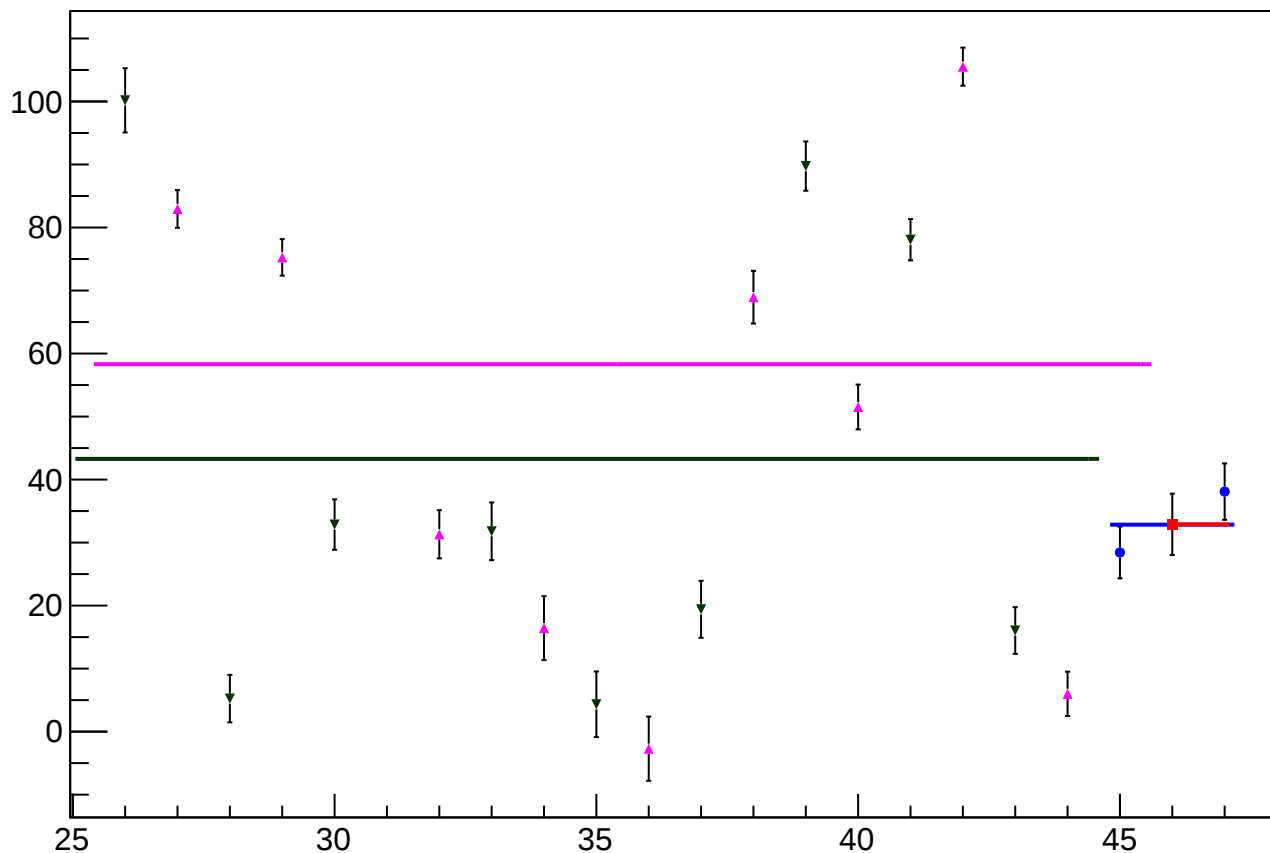
Right Out: 259.659 $\pm$ 0.611 χ^2/NDF : 0.0/0

Left In: 258.828 $\pm$ 0.170 χ^2/NDF : 11545.2/8

260.361 $\pm$ 0.167 χ^2/NDF : 7872.4/10

258.888 $\pm$ 0.164 χ^2/NDF : 11546.9/9

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 32.844+/-3.025 χ^2/NDF : 2.5/1

Left Out: 43.284+/-1.366 χ^2/NDF : 631.4/8

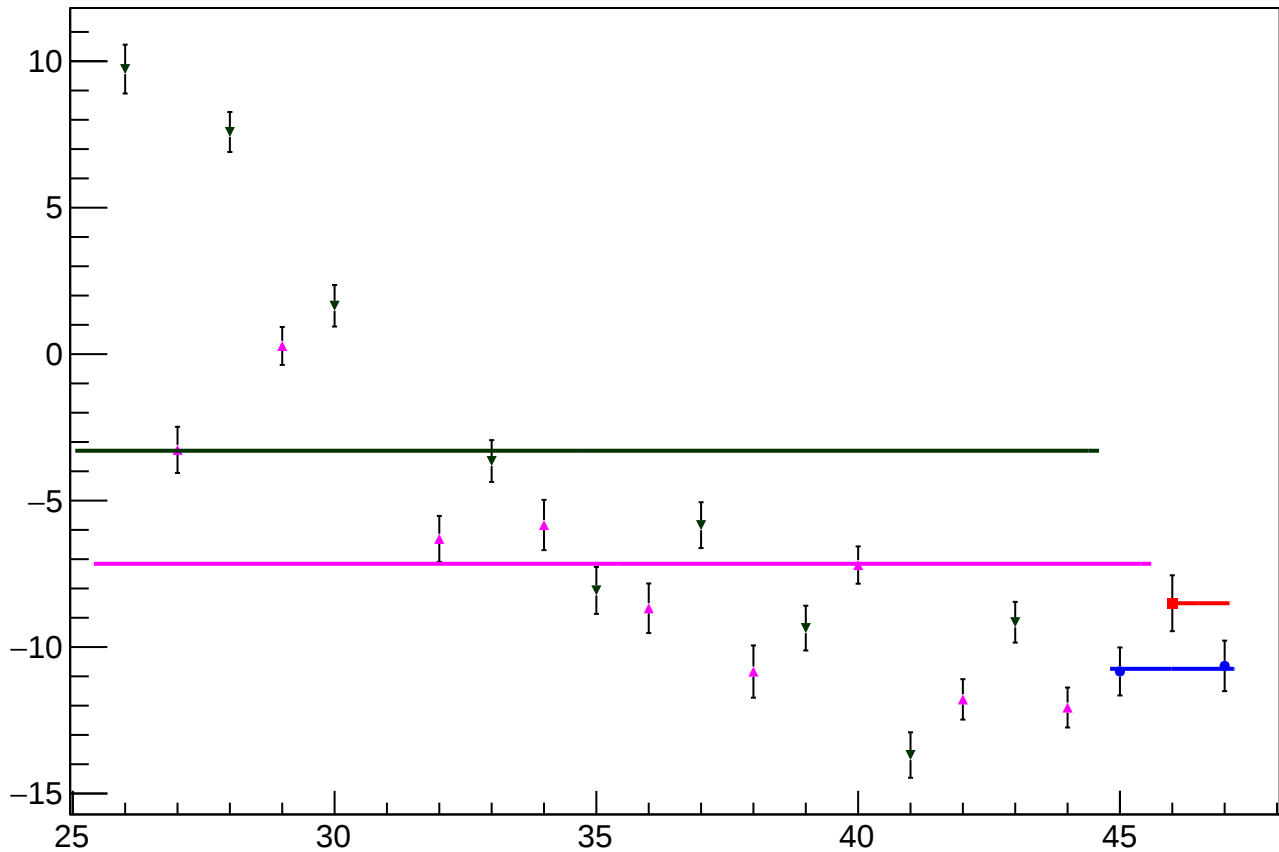
Right Out: 32.892+/-4.868 χ^2/NDF : 0.0/0

Left In: 58.307+/-1.192 χ^2/NDF : 839.3/8

41.516+/-1.245 χ^2/NDF : 643.8/10

56.869+/-1.158 χ^2/NDF : 865.0/9

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.743 ± 0.594 χ^2/NDF : 0.0/1

Left Out: -3.298 ± 0.249 χ^2/NDF : 906.1/8

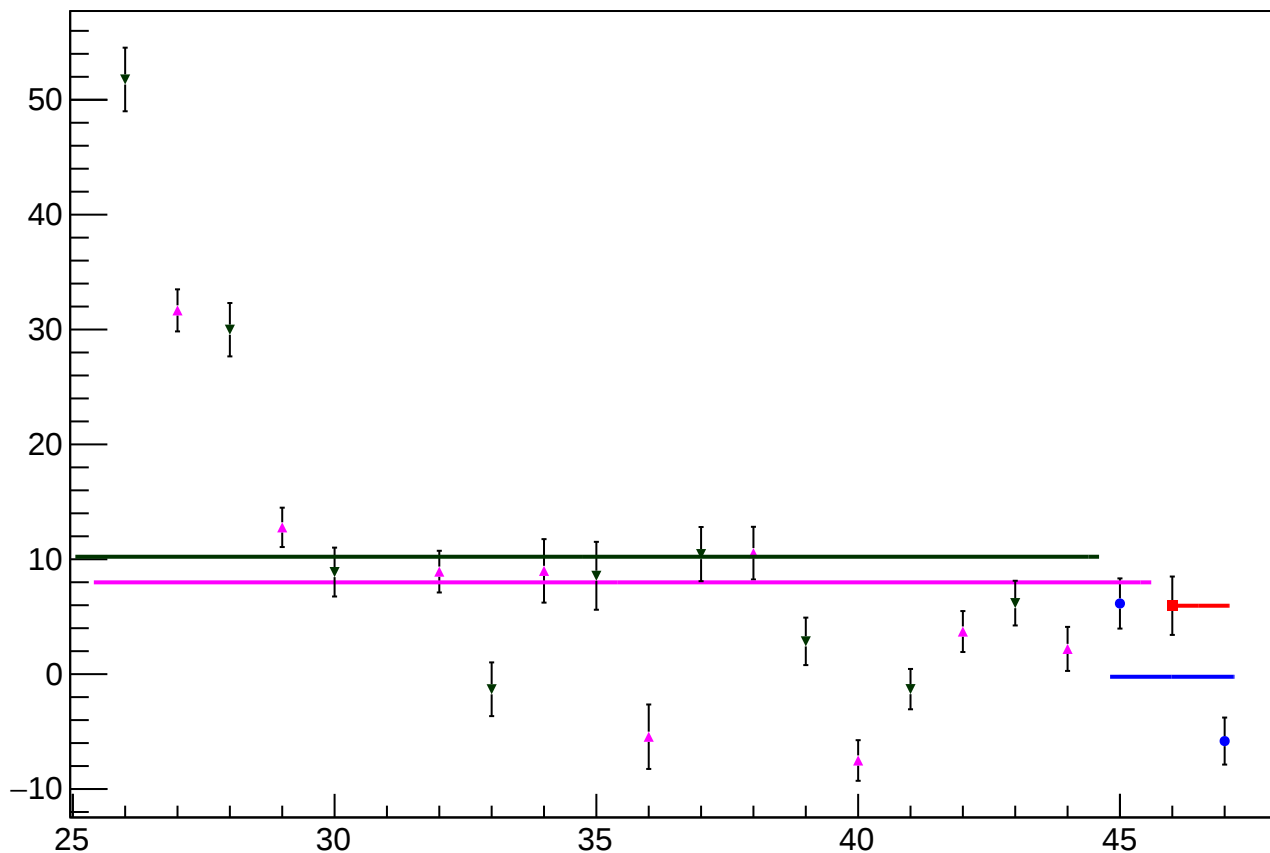
Right Out: -8.504 ± 0.954 χ^2/NDF : 0.0/0

Left In: -7.157 ± 0.247 χ^2/NDF : 276.7/8

-4.409 ± 0.229 χ^2/NDF : 1039.8/10

-7.242 ± 0.239 χ^2/NDF : 278.5/9

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.228 ± 1.494 $\chi^2/\text{NDF}: 16.0/1$

Left Out: 10.220 ± 0.738 $\chi^2/\text{NDF}: 382.7/8$

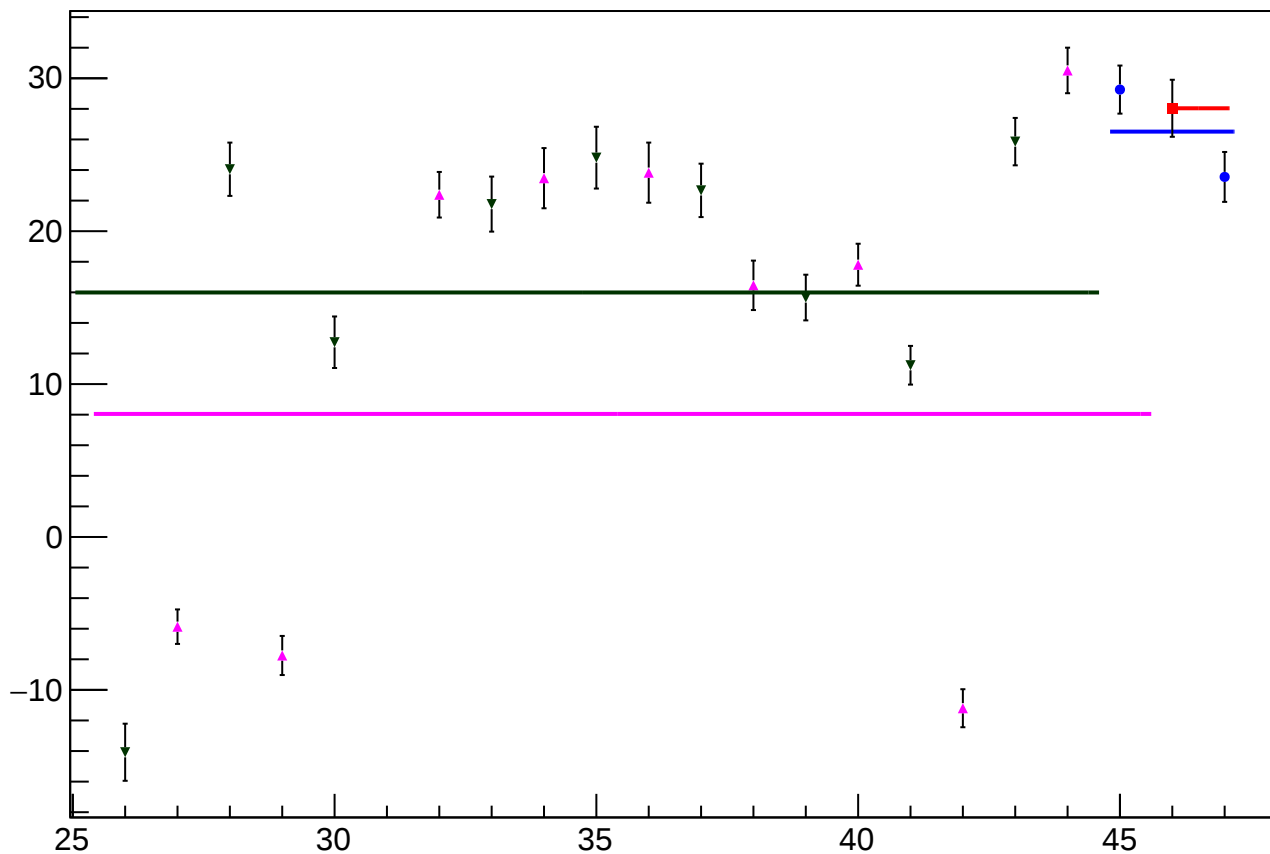
Right Out: 5.956 ± 2.541 $\chi^2/\text{NDF}: 0.0/0$

Left In: 7.990 ± 0.660 $\chi^2/\text{NDF}: 291.3/8$

8.171 ± 0.662 $\chi^2/\text{NDF}: 438.1/10$

7.862 ± 0.639 $\chi^2/\text{NDF}: 291.9/9$

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 26.512 ± 1.132 χ^2/NDF : 6.4/1

Left Out: 15.992 ± 0.547 χ^2/NDF : 383.0/8

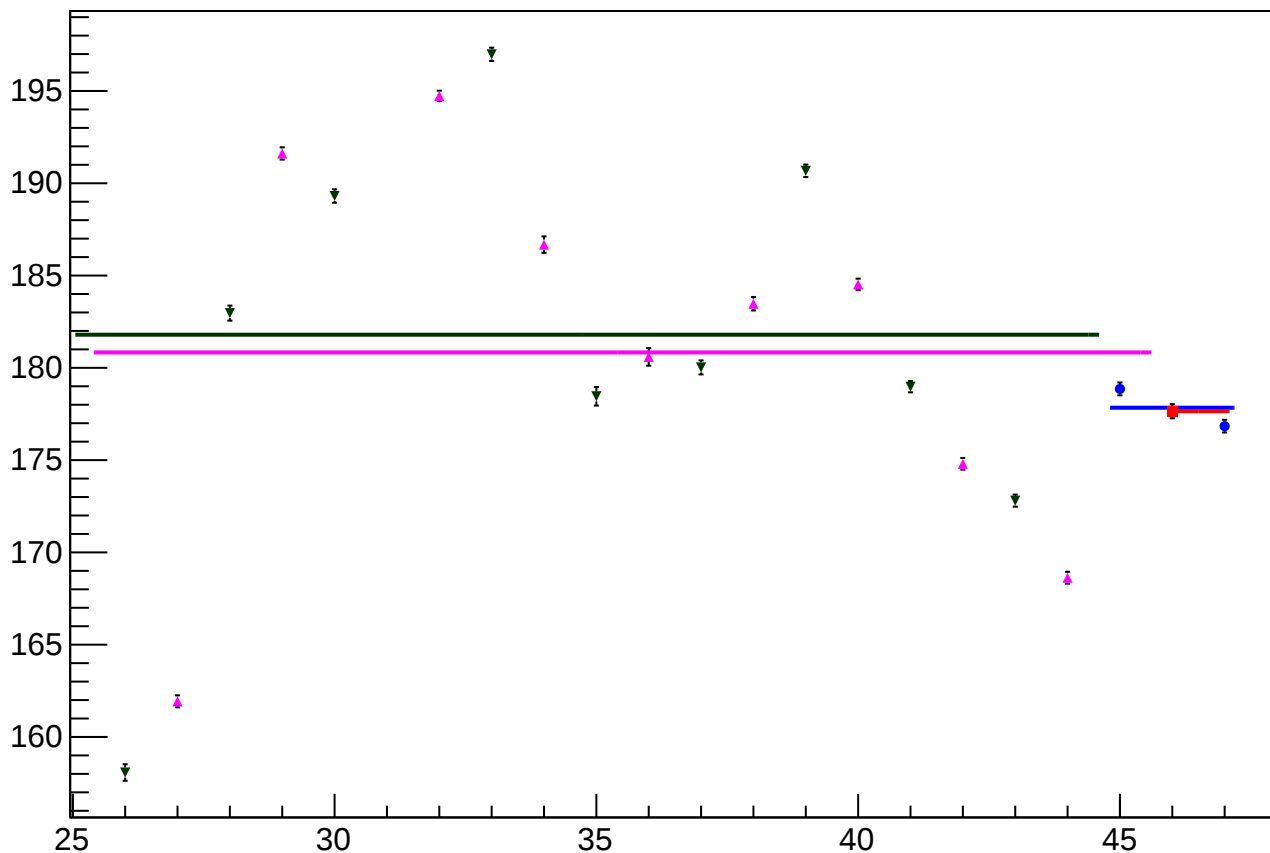
Right Out: 28.038 ± 1.865 χ^2/NDF : 0.0/0

Left In: 8.048 ± 0.478 χ^2/NDF : 1067.9/8

17.984 ± 0.493 χ^2/NDF : 459.4/10

9.280 ± 0.463 χ^2/NDF : 1175.7/9

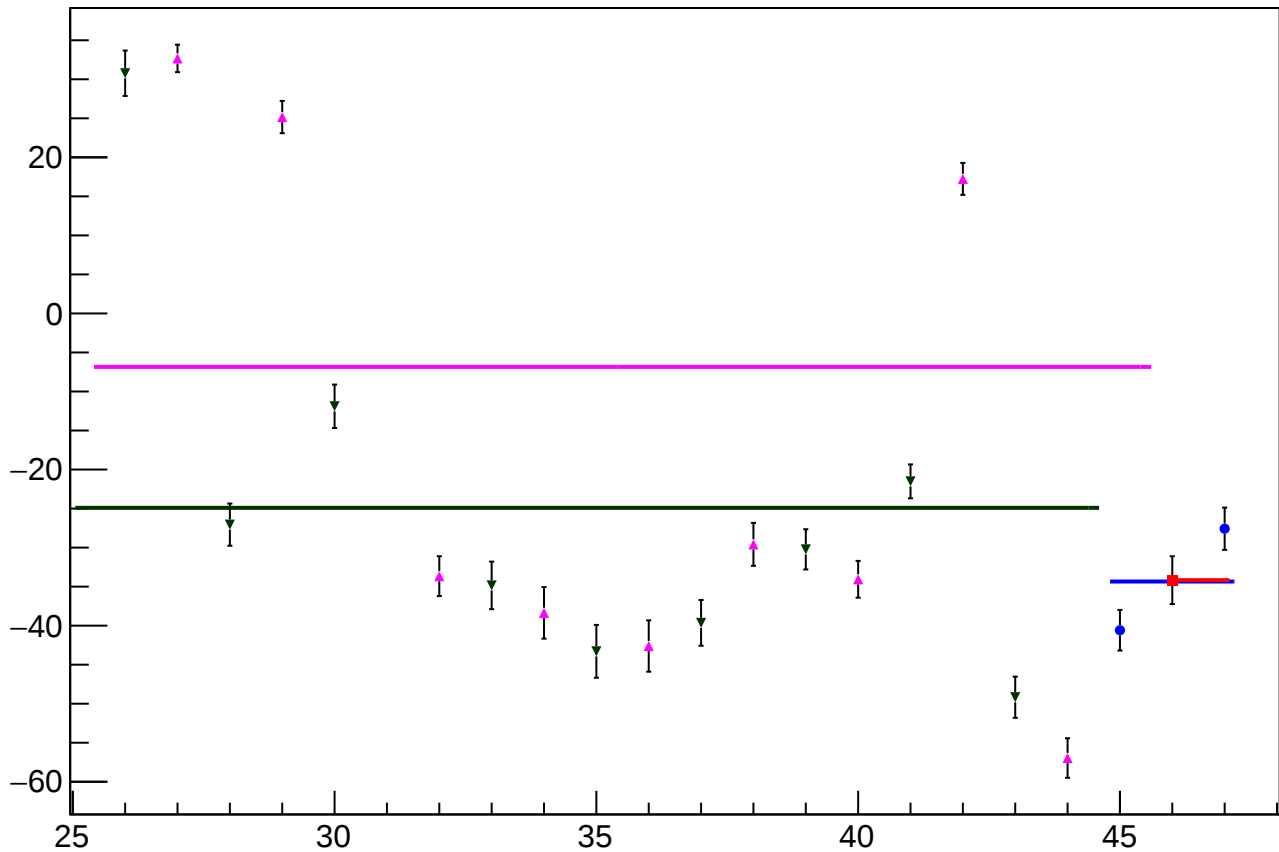
reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.839 ± 0.245 χ^2/NDF : 17.0/1
 Left Out: 181.795 ± 0.123 χ^2/NDF : 6577.2/8
 Right Out: 177.649 ± 0.383 χ^2/NDF : 0.0/0
 Left In: 180.835 ± 0.114 χ^2/NDF : 8962.2/8

180.992 ± 0.110 χ^2/NDF : 6802.8/10
 180.577 ± 0.109 χ^2/NDF : 9026.0/9

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -34.345+/-1.876 χ^2/NDF : 12.0/1

Left Out: -24.905+/-0.912 χ^2/NDF : 545.2/8

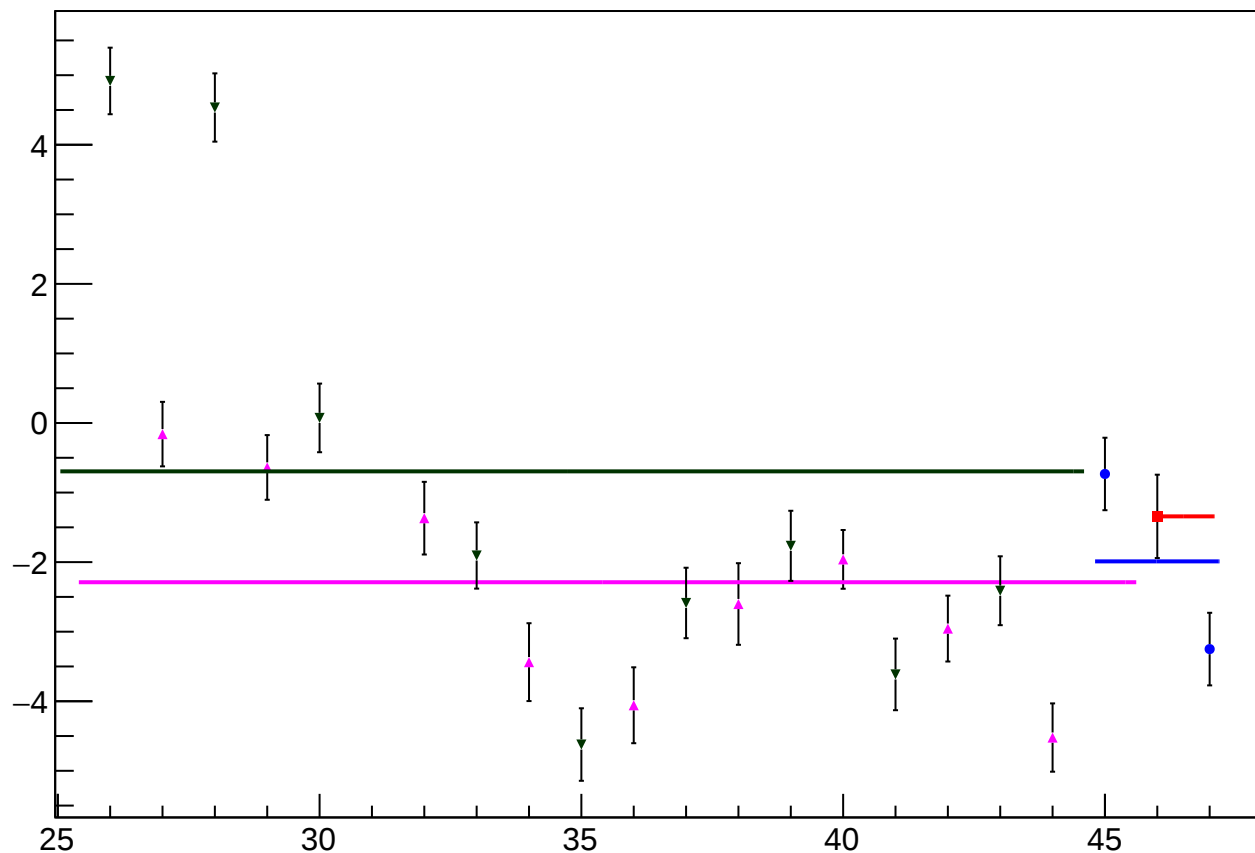
Right Out: -34.170+/-3.059 χ^2/NDF : 0.0/0

Left In: -6.851+/-0.790 χ^2/NDF : 1794.2/8

-26.710+/-0.820 χ^2/NDF : 577.6/10

-8.560+/-0.765 χ^2/NDF : 1869.0/9

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -1.989 ± 0.369 χ^2/NDF : 11.7/1

Left Out: -0.695 ± 0.166 χ^2/NDF : 379.5/8

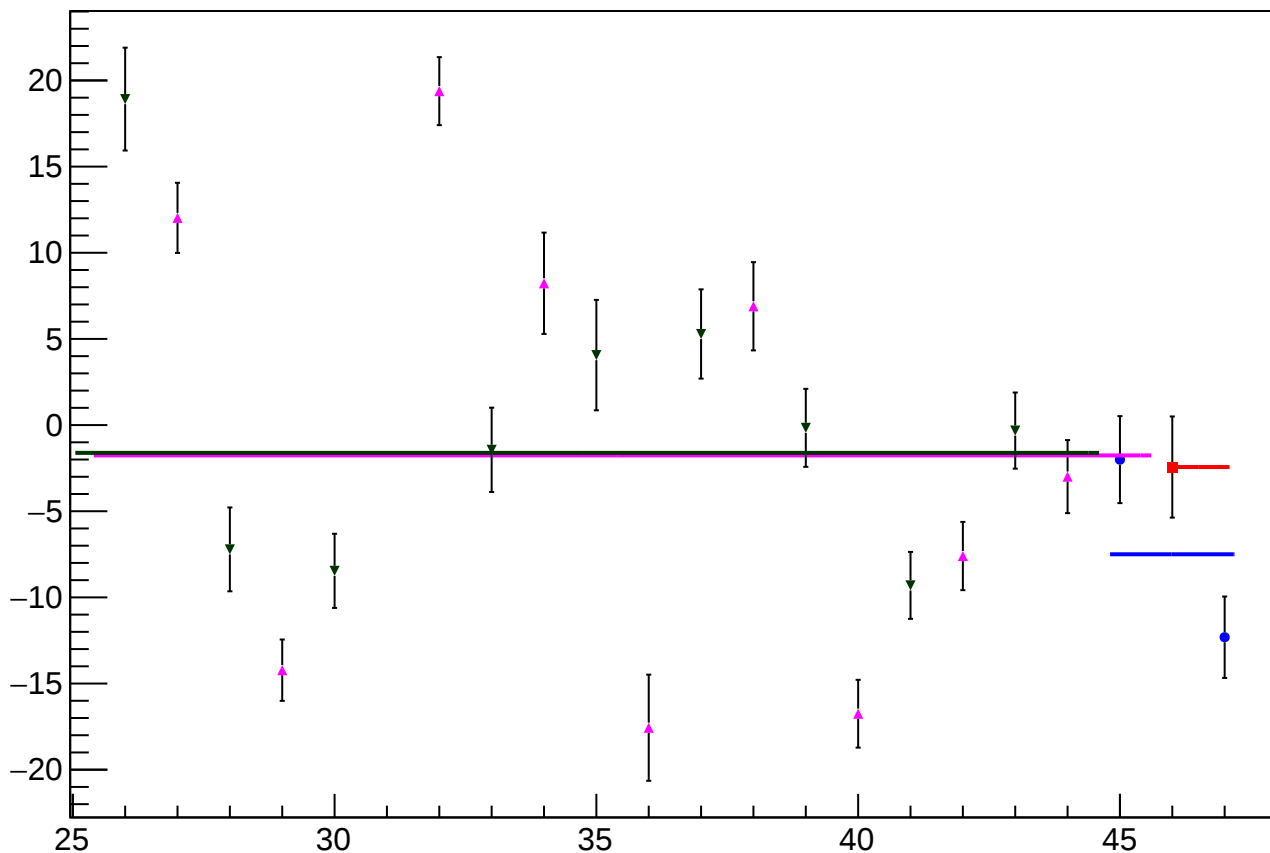
Right Out: -1.342 ± 0.599 χ^2/NDF : 0.0/0

Left In: -2.289 ± 0.165 χ^2/NDF : 75.1/8

-0.913 ± 0.151 χ^2/NDF : 401.4/10

-2.222 ± 0.159 χ^2/NDF : 77.4/9

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -7.499+/-1.725 χ^2 /NDF: 8.9/1

Left Out: -1.613+/-0.797 χ^2 /NDF:89.4/8

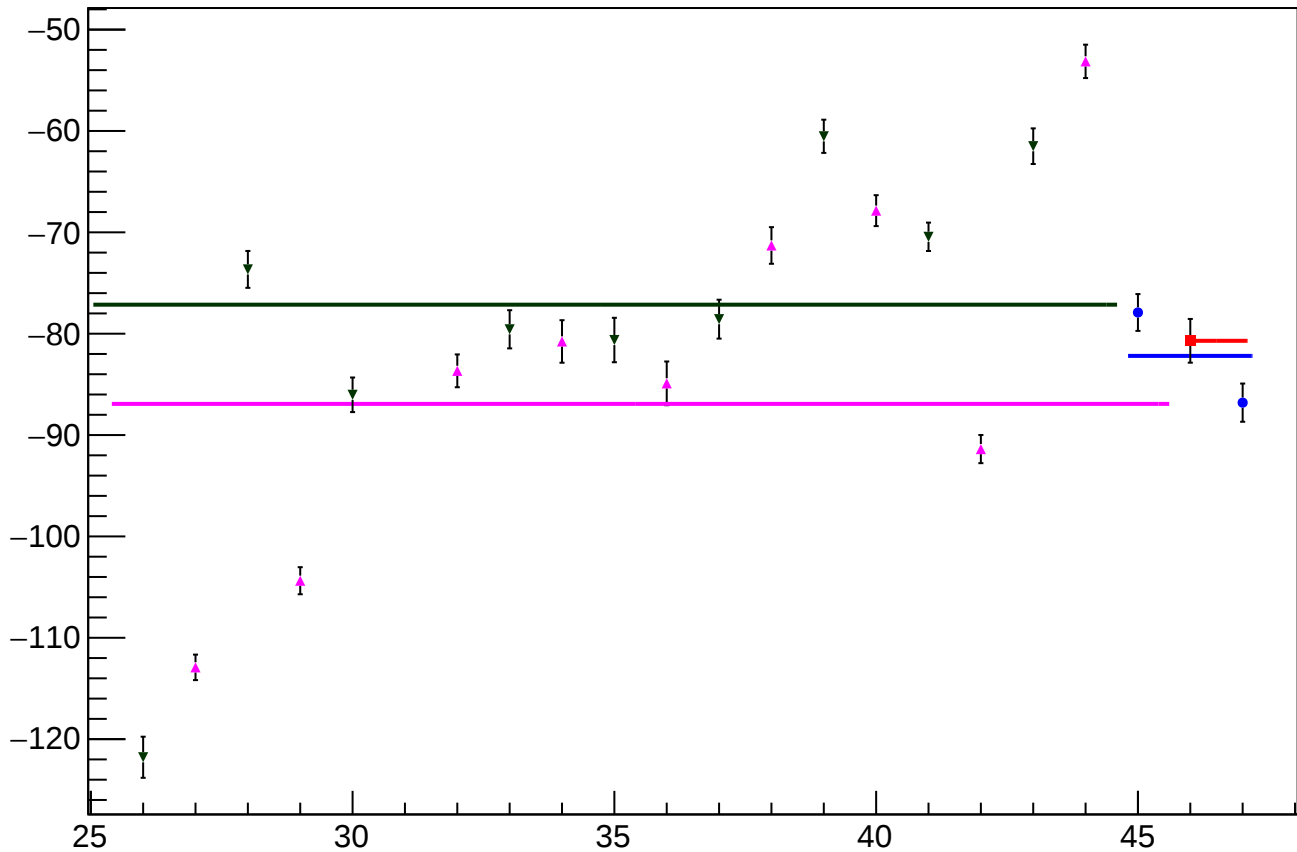
Right Out: -2.435+/-2.934 χ^2 /NDF: 0.0/0

Left In: -1.762+/-0.721 χ^2 /NDF:326.0/8

-2.648+/-0.723 χ^2 /NDF: 107.9/10

-1.800+/-0.700 χ^2 /NDF: 326.0/9

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -82.190 ± 1.308 χ^2/NDF : 11.6/1

Left Out: -77.996 ± 0.539 χ^2/NDF : 749.3/10

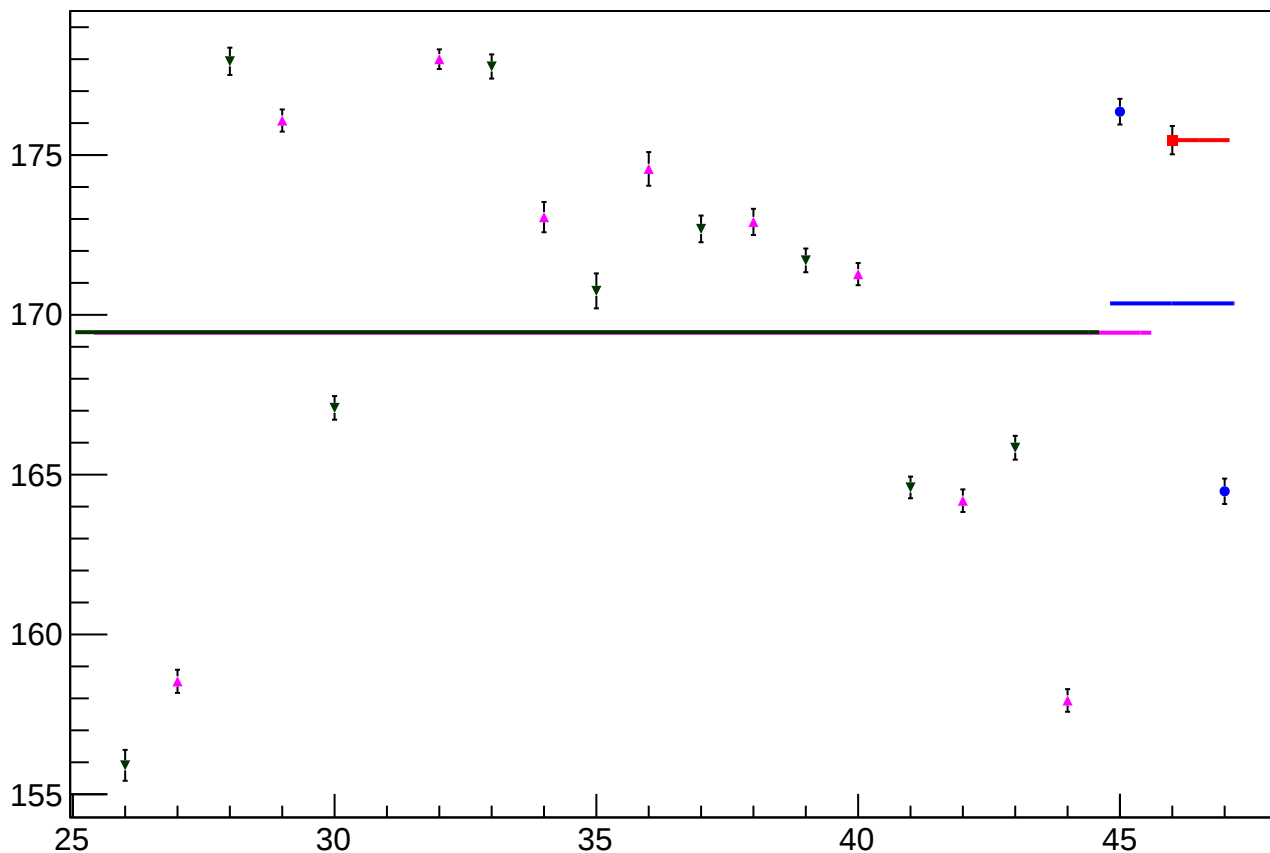
-77.996 ± 0.539 χ^2/NDF : 749.3/10

Right Out: -80.702 ± 2.158 χ^2/NDF : 0.0/0

-86.578 ± 0.509 χ^2/NDF : 1280.8/9

Left In: -86.925 ± 0.524 χ^2/NDF : 1273.0/8

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 170.358 $\pm$ 0.283 χ^2 /NDF: 441.8/1

Left Out: 169.458 $\pm$ 0.133 χ^2 /NDF:2105.9/8

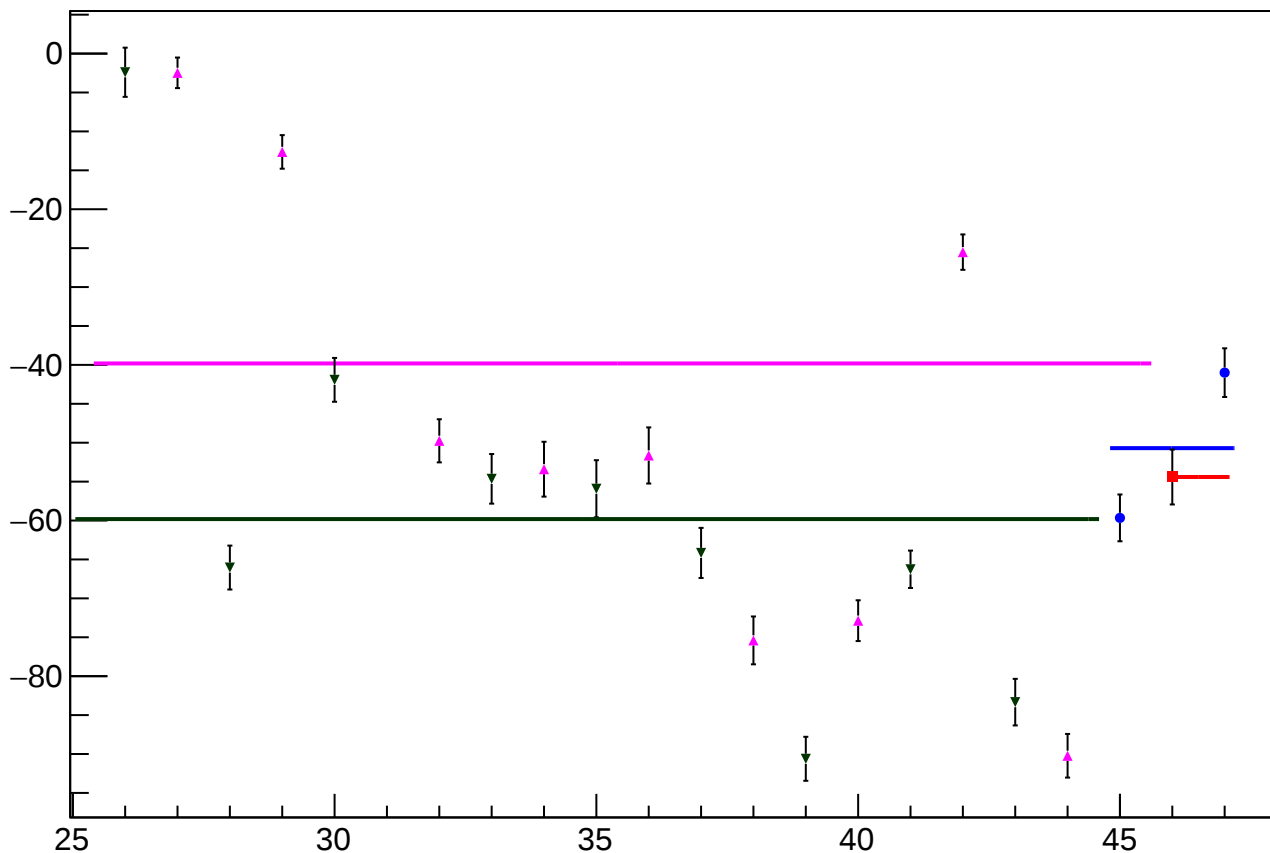
Right Out: 175.466 $\pm$ 0.442 χ^2 /NDF: 0.0/0

Left In: 169.441 $\pm$ 0.124 χ^2 /NDF:3580.5/8

169.622 $\pm$ 0.121 χ^2 /NDF: 2555.9/10

169.880 $\pm$ 0.119 χ^2 /NDF: 3752.5/9

reg_asym_sam8_diff_bpm4eY_slope vs slug

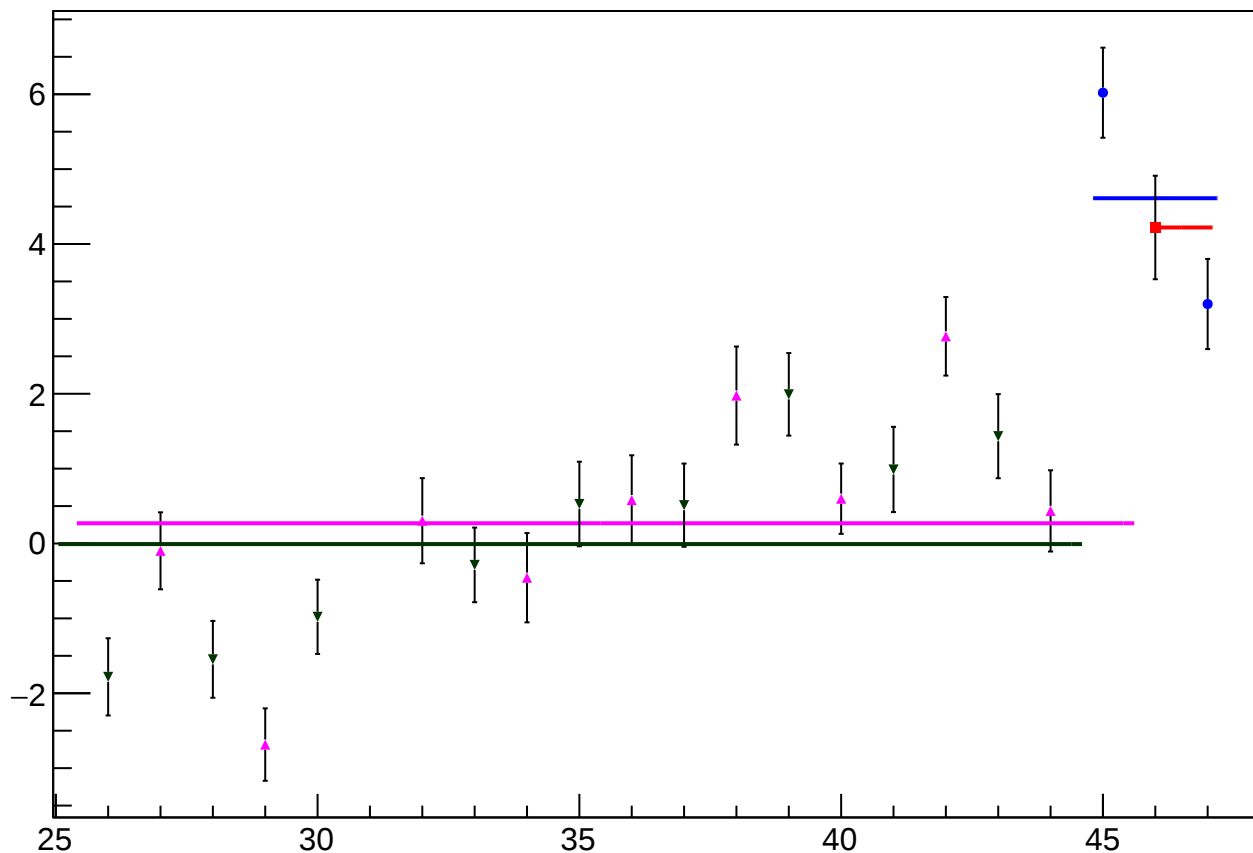


Right In: -50.698 ± 2.167 $\chi^2/\text{NDF}: 18.5/1$
 Left Out: -59.812 ± 0.985 $\chi^2/\text{NDF}: 568.6/8$
 Right Out: -54.405 ± 3.530 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -39.815 ± 0.866 $\chi^2/\text{NDF}: 1214.9/8$

-58.253 ± 0.896 $\chi^2/\text{NDF}: 601.8/10$

-40.642 ± 0.841 $\chi^2/\text{NDF}: 1231.0/9$

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 4.611+/-0.426 χ^2/NDF : 11.0/1

Left Out: -0.008+/-0.178 χ^2/NDF : 49.6/8

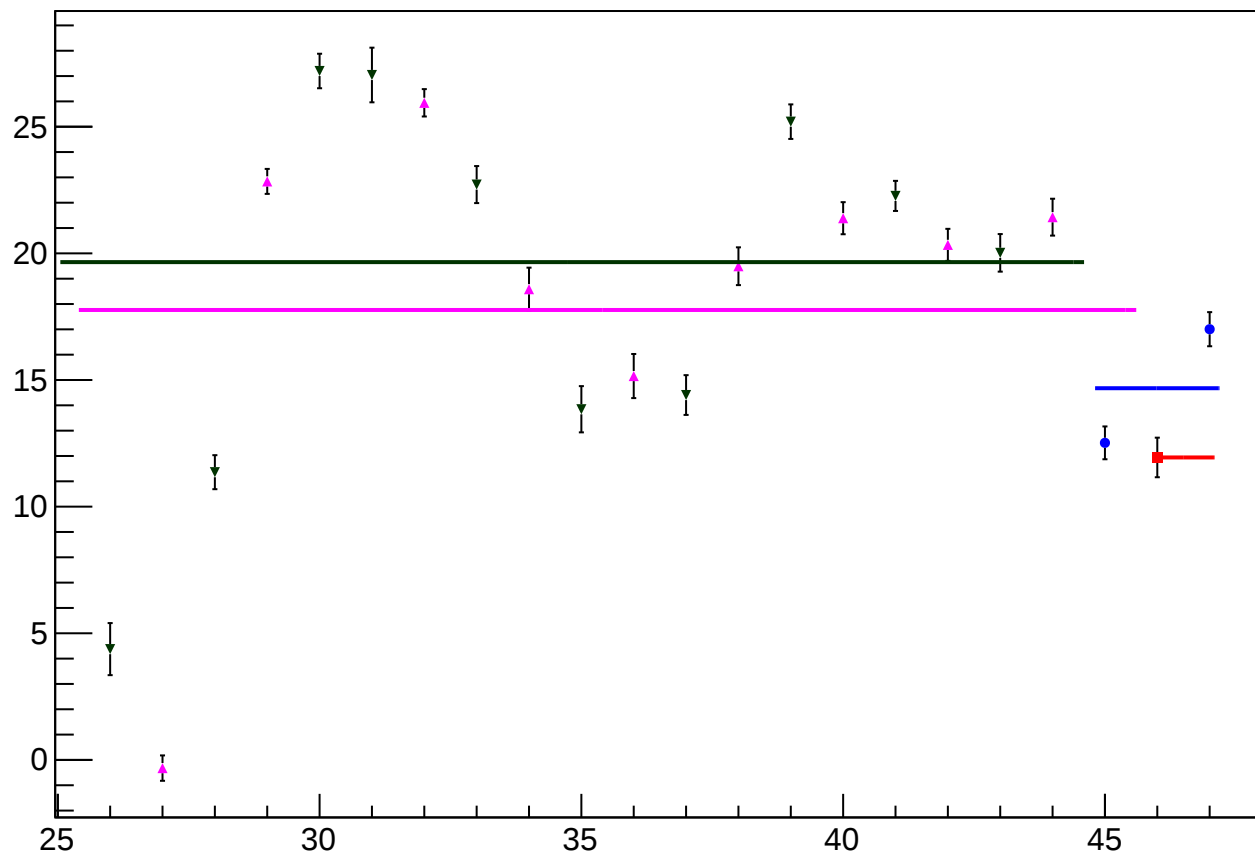
Right Out: 4.221+/-0.691 χ^2/NDF : 0.0/0

Left In: 0.270+/-0.181 χ^2/NDF : 69.6/8

0.680+/-0.164 χ^2/NDF : 160.8/10

0.523+/-0.175 χ^2/NDF : 100.2/9

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 14.676 ± 0.467 $\chi^2/\text{NDF}: 23.1/1$

Left Out: 19.654 ± 0.238 $\chi^2/\text{NDF}: 731.5/9$

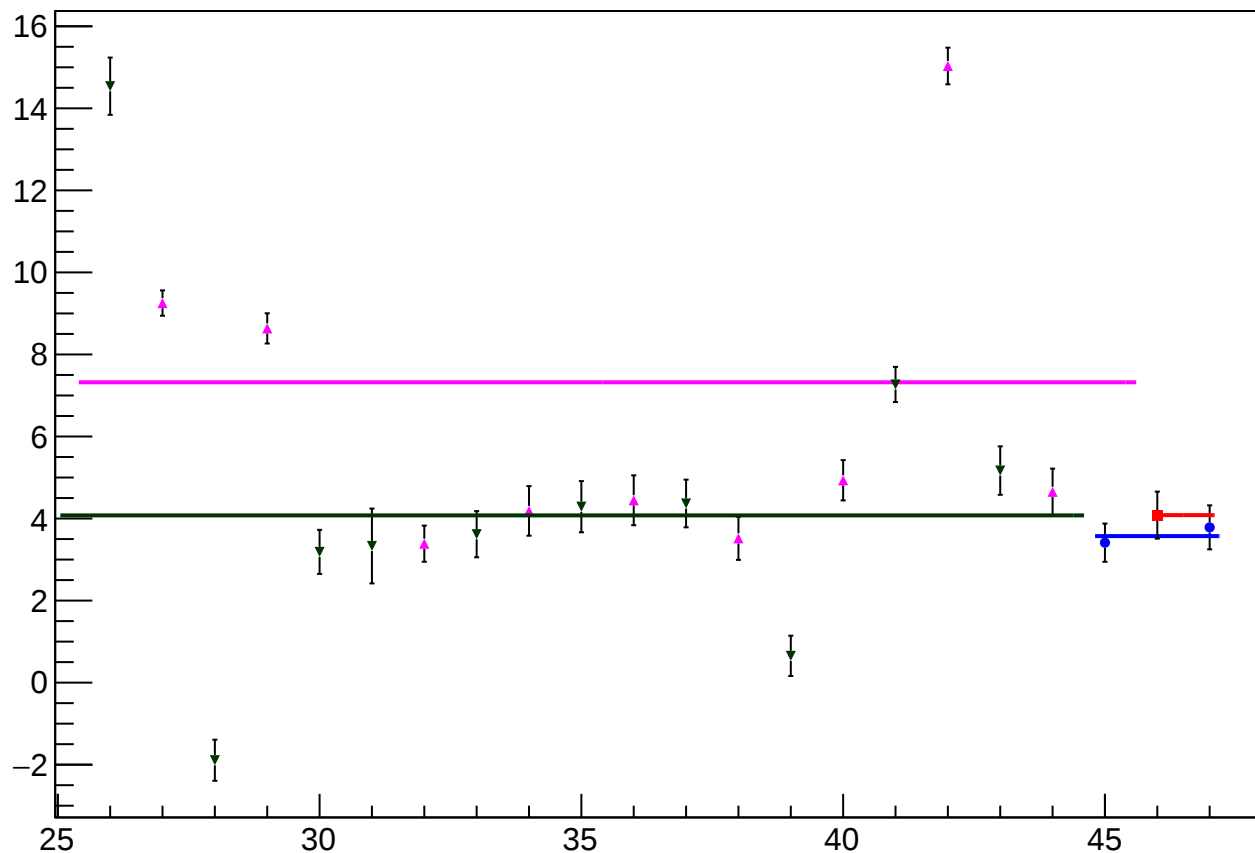
Right Out: 11.942 ± 0.781 $\chi^2/\text{NDF}: 0.0/0$

Left In: 17.765 ± 0.209 $\chi^2/\text{NDF}: 1728.2/8$

18.628 ± 0.212 $\chi^2/\text{NDF}: 844.8/11$

17.376 ± 0.202 $\chi^2/\text{NDF}: 1780.1/9$

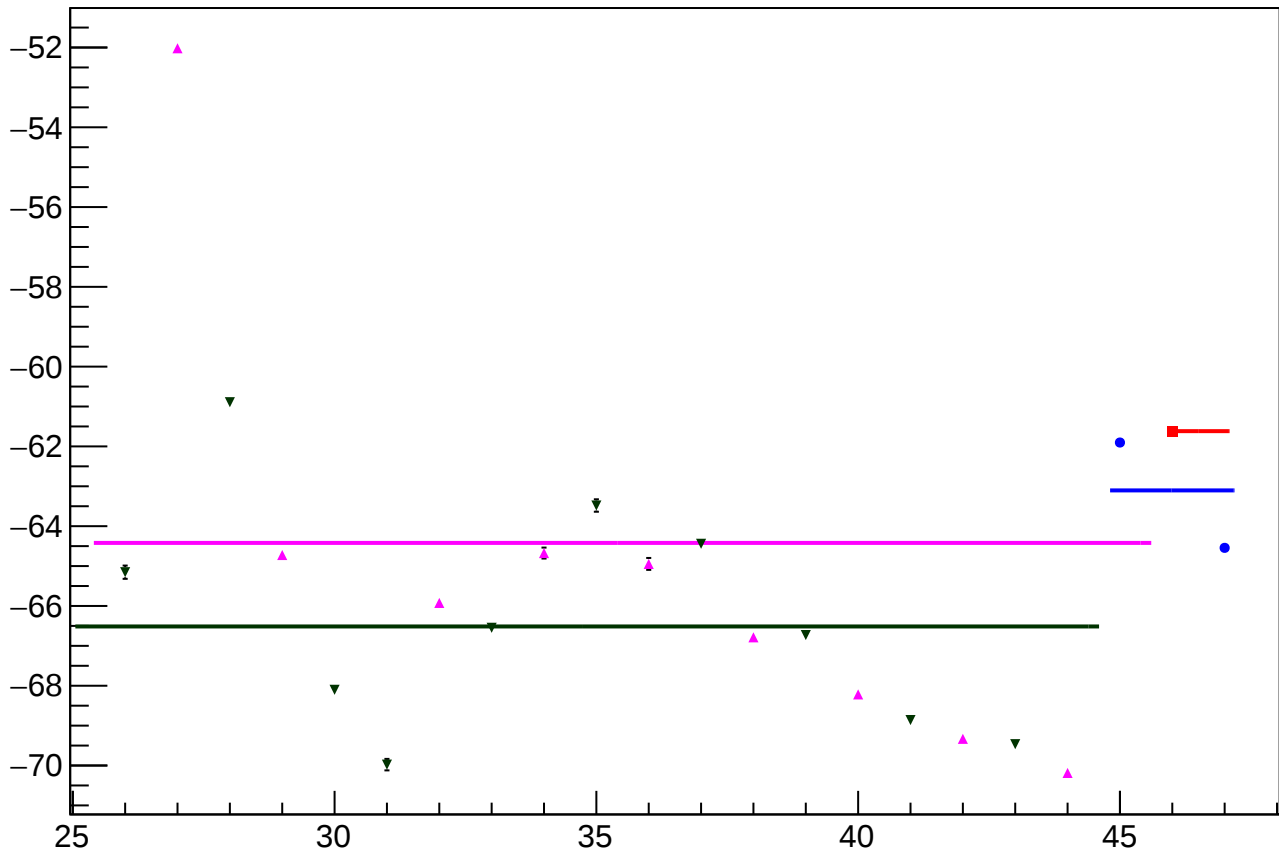
reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.572+/-0.352 χ^2/NDF : 0.3/1
 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

3.975+/-0.158 χ^2/NDF : 480.0/11
 7.114+/-0.145 χ^2/NDF : 607.0/9

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -63.103 ± 0.076 $\chi^2/\text{NDF}: 296.7/1$

Left Out: -66.514 ± 0.039 $\chi^2/\text{NDF}: 4814.8/9$

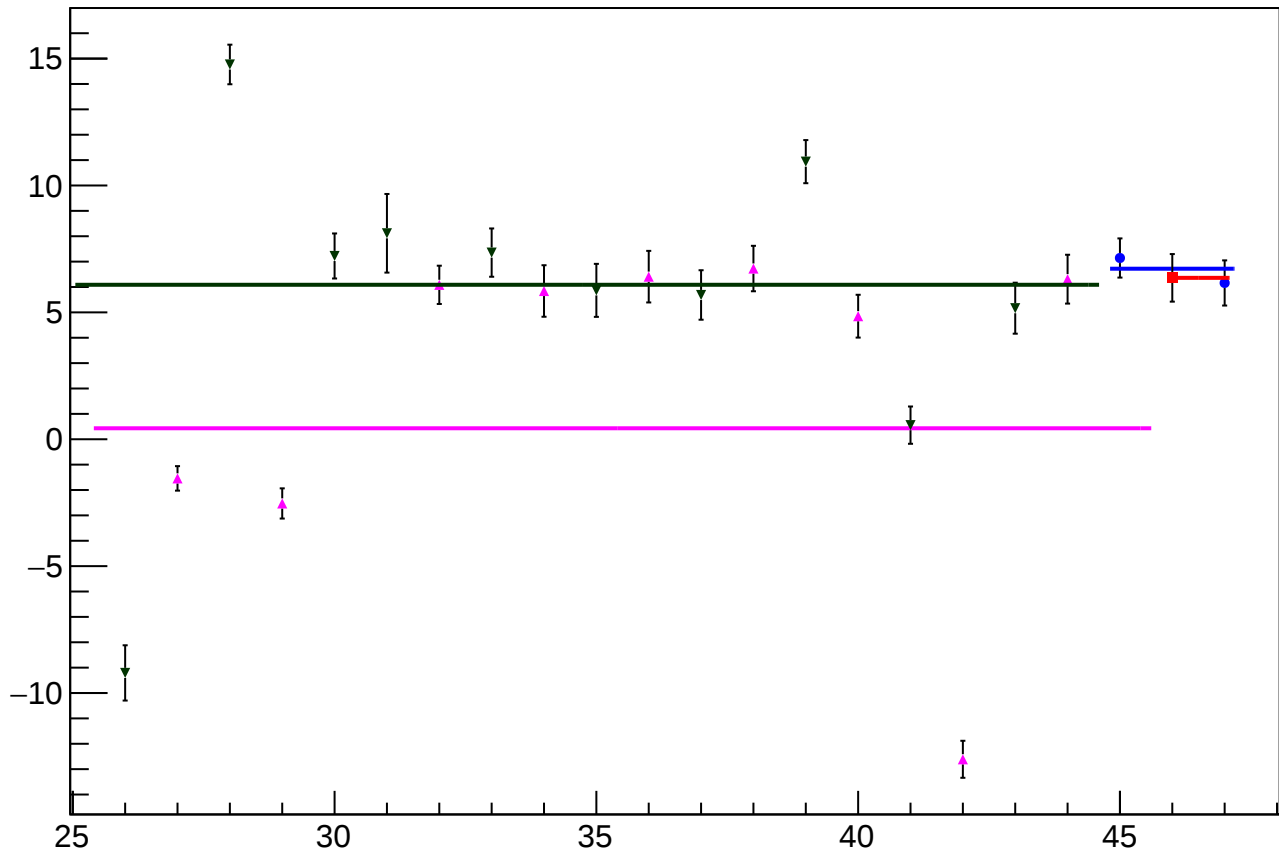
Right Out: -61.618 ± 0.118 $\chi^2/\text{NDF}: 0.0/0$

Left In: -64.419 ± 0.036 $\chi^2/\text{NDF}: 25022.3/8$

-65.798 ± 0.035 $\chi^2/\text{NDF}: 6689.8/11$

-64.180 ± 0.034 $\chi^2/\text{NDF}: 25537.4/9$

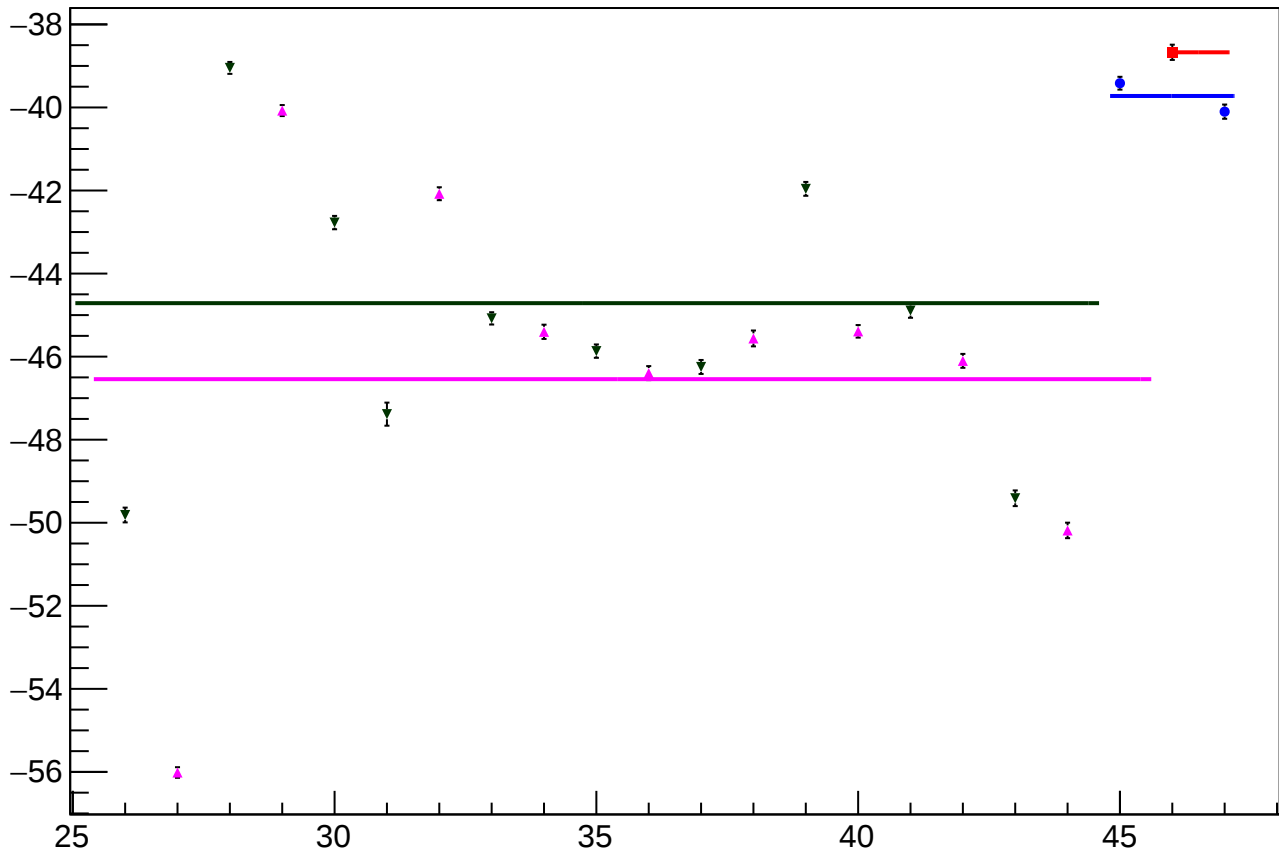
reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 6.720 ± 0.583 $\chi^2/\text{NDF}: 0.7/1$
 Left Out: 6.087 ± 0.295 $\chi^2/\text{NDF}: 416.6/9$
 Right Out: 6.360 ± 0.937 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.433 ± 0.247 $\chi^2/\text{NDF}: 594.7/8$

6.216 ± 0.263 $\chi^2/\text{NDF}: 418.3/11$
 0.817 ± 0.239 $\chi^2/\text{NDF}: 632.1/9$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -39.723+/-0.115 χ^2/NDF : 8.8/1

Left Out: -44.712+/-0.054 χ^2/NDF : 3648.7/9

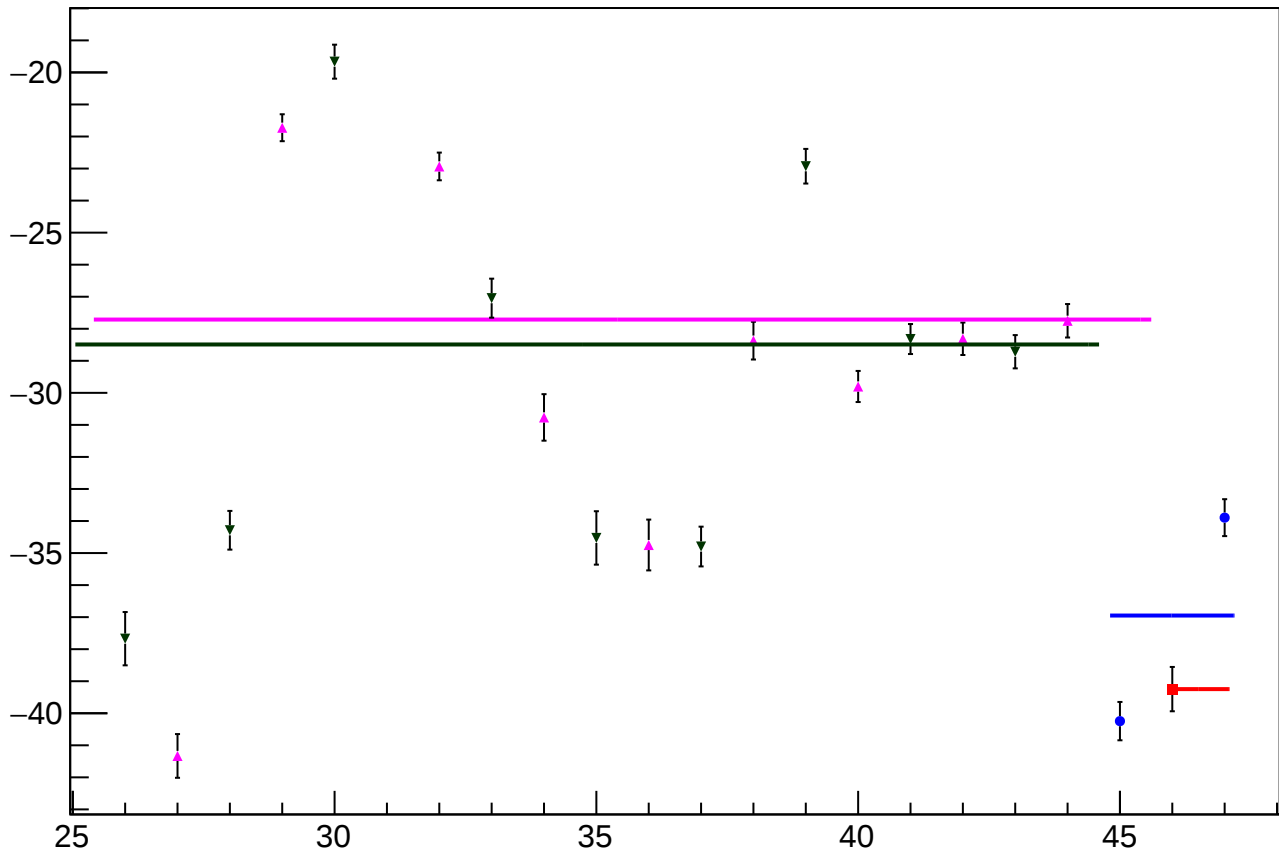
Right Out: -38.672+/-0.184 χ^2/NDF : 0.0/0

Left In: -46.543+/-0.052 χ^2/NDF : 9214.1/8

-43.820+/-0.049 χ^2/NDF : 5206.6/11

-45.950+/-0.050 χ^2/NDF : 10909.6/9

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -36.950 ± 0.415 χ^2/NDF : 58.5/1

Left Out: -30.027 ± 0.177 χ^2/NDF : 1156.9/10

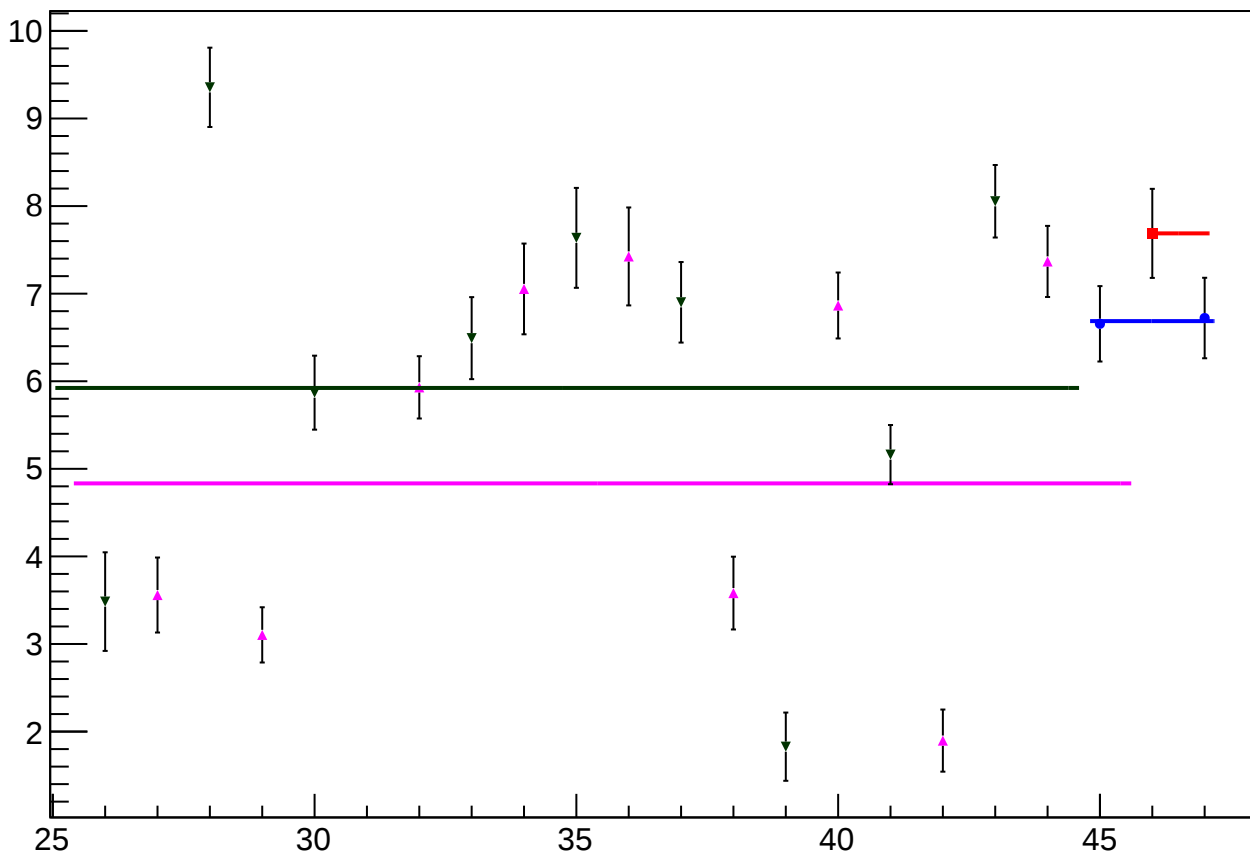
-30.027 ± 0.177 χ^2/NDF : 1156.9/10

Right Out: -39.246 ± 0.692 χ^2/NDF : 0.0/0

-28.434 ± 0.173 χ^2/NDF : 1101.6/9

Left In: -27.713 ± 0.179 χ^2/NDF : 841.0/8

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 6.687 $\pm$ 0.314 χ^2 /NDF: 0.0/1

Left Out: 5.923 $\pm$ 0.146 χ^2 /NDF:233.4/8

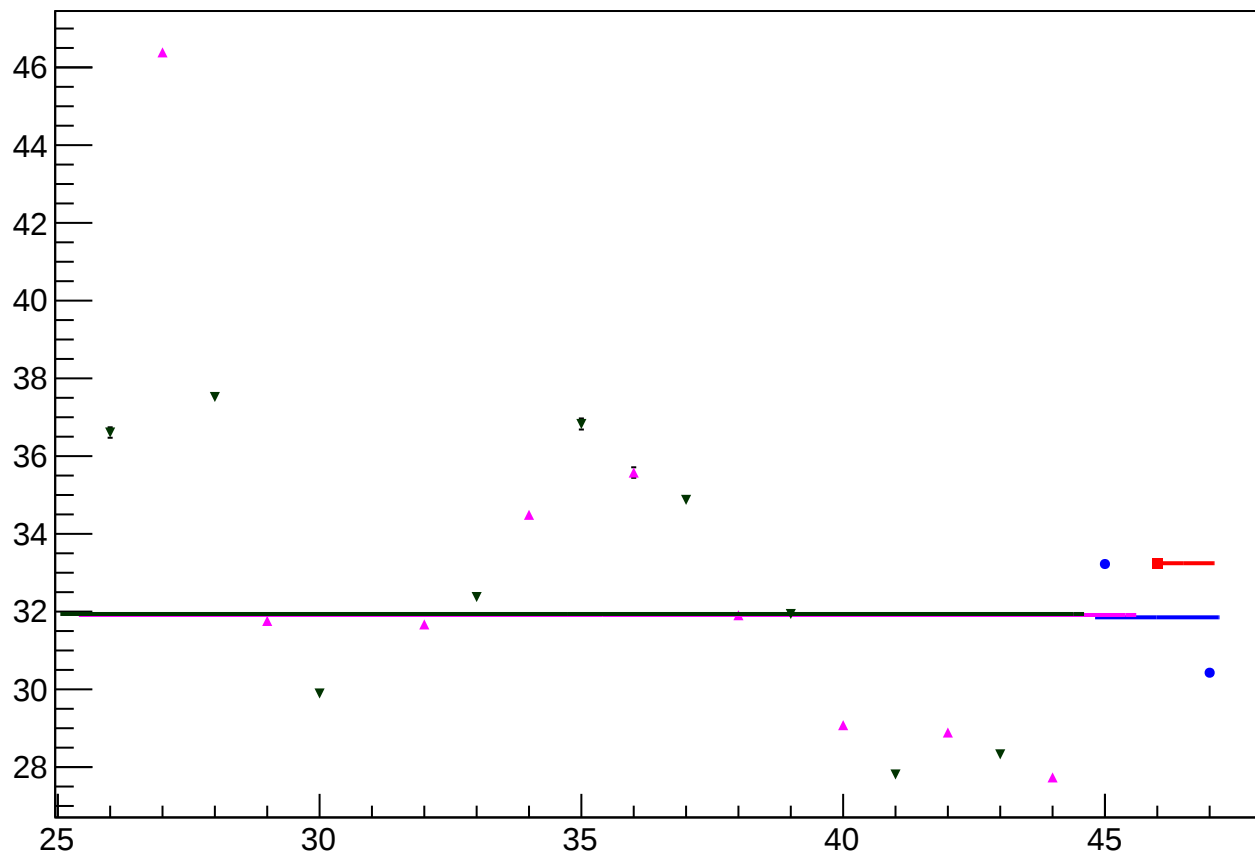
Right Out: 7.688 $\pm$ 0.508 χ^2 /NDF: 0.0/0

Left In: 4.834 $\pm$ 0.132 χ^2 /NDF:234.0/8

6.058 $\pm$ 0.132 χ^2 /NDF: 238.2/10

5.014 $\pm$ 0.128 χ^2 /NDF: 263.5/9

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 31.853 $\pm$ 0.068 χ^2/NDF : 424.3/1

Left Out: 31.939 $\pm$ 0.033 χ^2/NDF : 10847.9/8

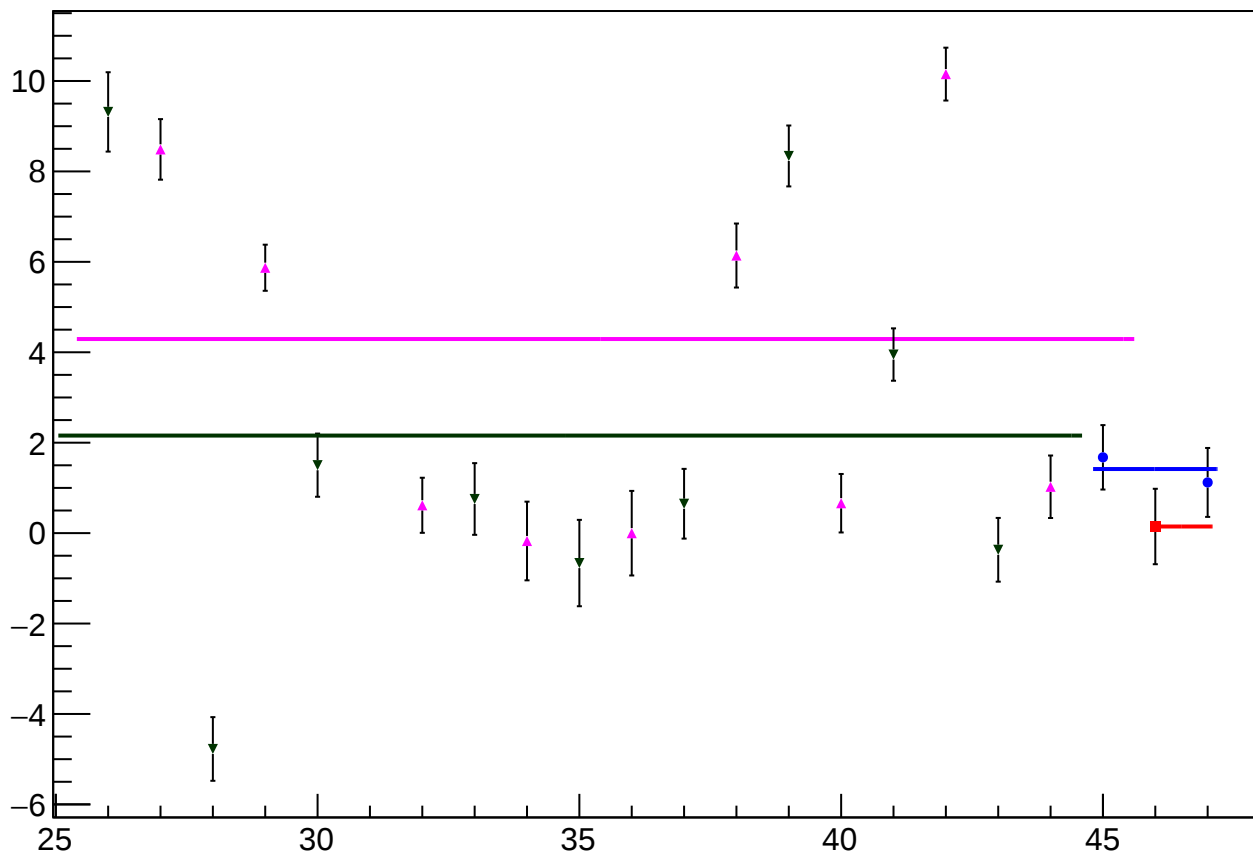
Right Out: 33.245 $\pm$ 0.104 χ^2/NDF : 0.0/0

Left In: 31.913 $\pm$ 0.031 χ^2/NDF : 20133.4/8

31.923 $\pm$ 0.029 χ^2/NDF : 11273.5/10

32.019 $\pm$ 0.029 χ^2/NDF : 20284.0/9

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 1.418 ± 0.521 χ^2/NDF : 0.3/1

Left Out: 2.158 ± 0.243 χ^2/NDF : 286.7/8

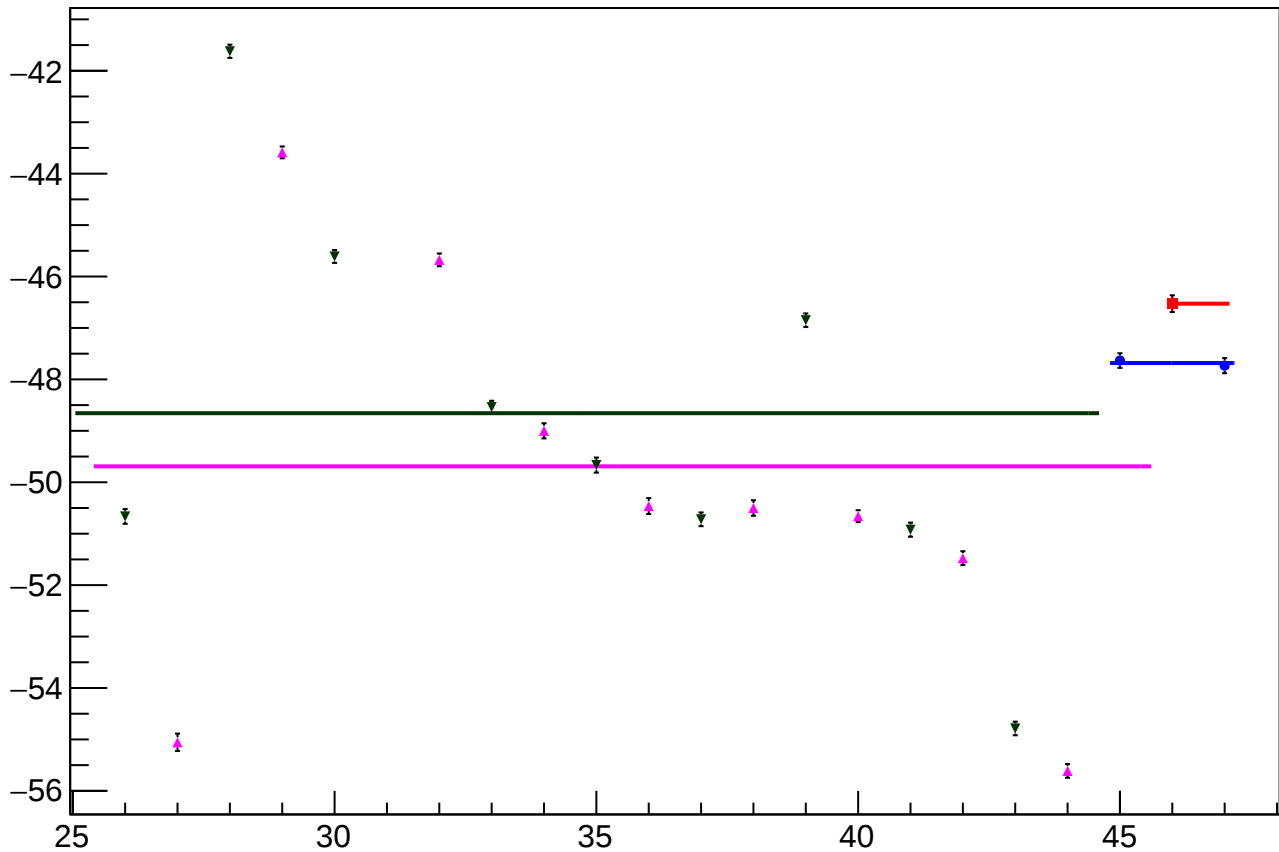
Right Out: 0.146 ± 0.834 χ^2/NDF : 0.0/0

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

2.025 ± 0.220 χ^2/NDF : 288.6/10

4.023 ± 0.213 χ^2/NDF : 316.9/9

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -47.682 ± 0.102 χ^2/NDF : 0.2/1

Left Out: -48.657 ± 0.044 χ^2/NDF : 6659.9/8

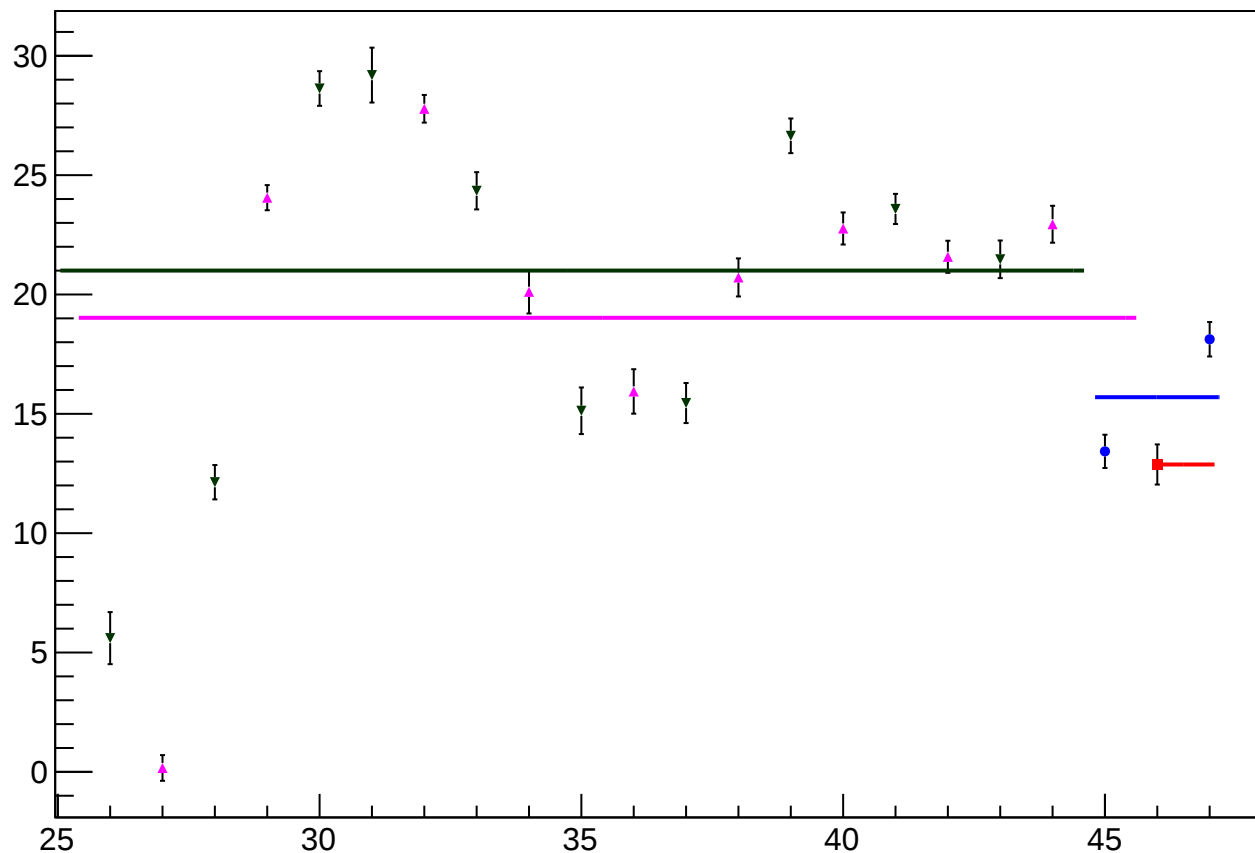
Right Out: -46.528 ± 0.163 χ^2/NDF : 0.0/0

Left In: -49.690 ± 0.045 χ^2/NDF : 7146.4/8

-48.503 ± 0.041 χ^2/NDF : 6736.6/10

-49.466 ± 0.043 χ^2/NDF : 7495.1/9

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 15.698+/-0.501 χ^2/NDF : 21.9/1

Left Out: 21.002+/-0.254 χ^2/NDF : 688.1/9

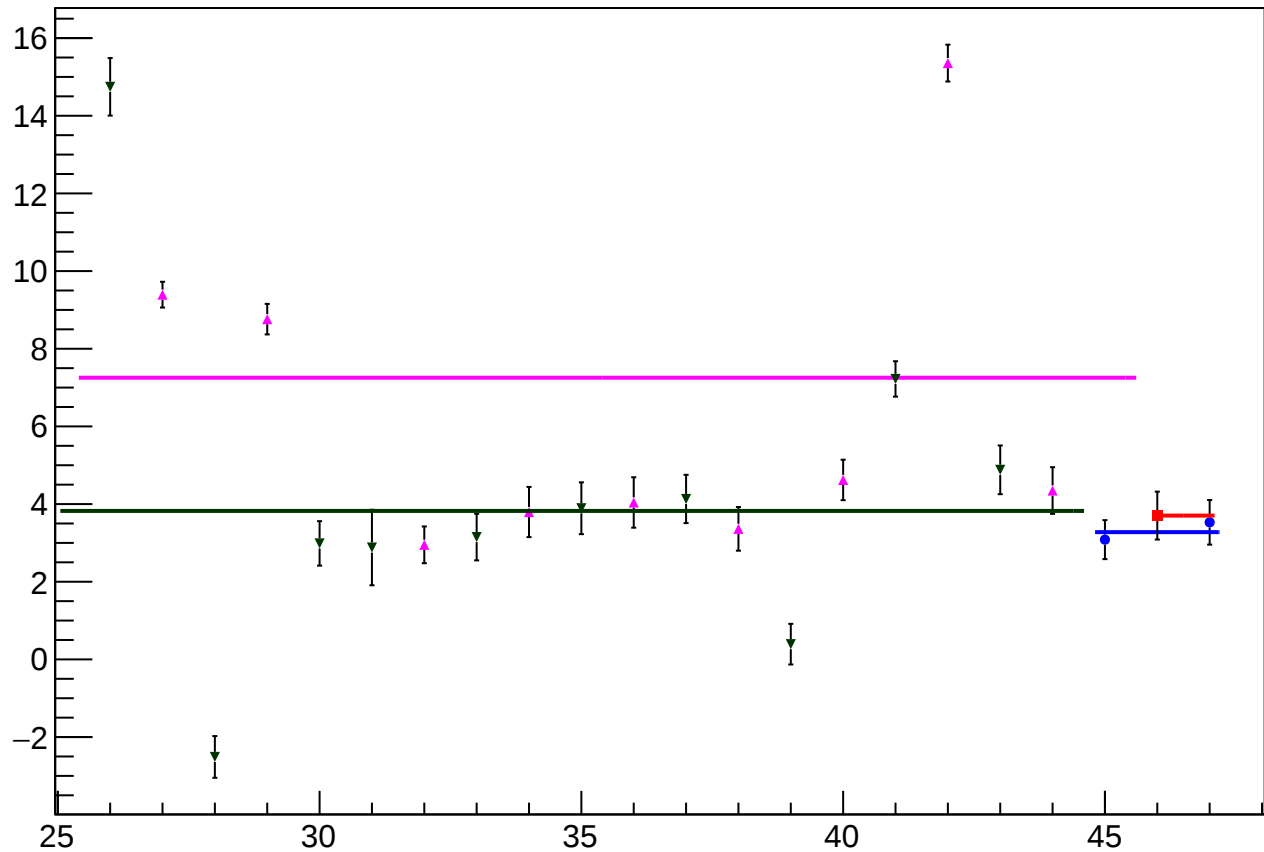
Right Out: 12.878+/-0.841 χ^2/NDF : 0.0/0

Left In: 19.023+/-0.223 χ^2/NDF : 1636.4/8

19.921+/-0.226 χ^2/NDF : 799.2/11

18.619+/-0.216 χ^2/NDF : 1686.3/9

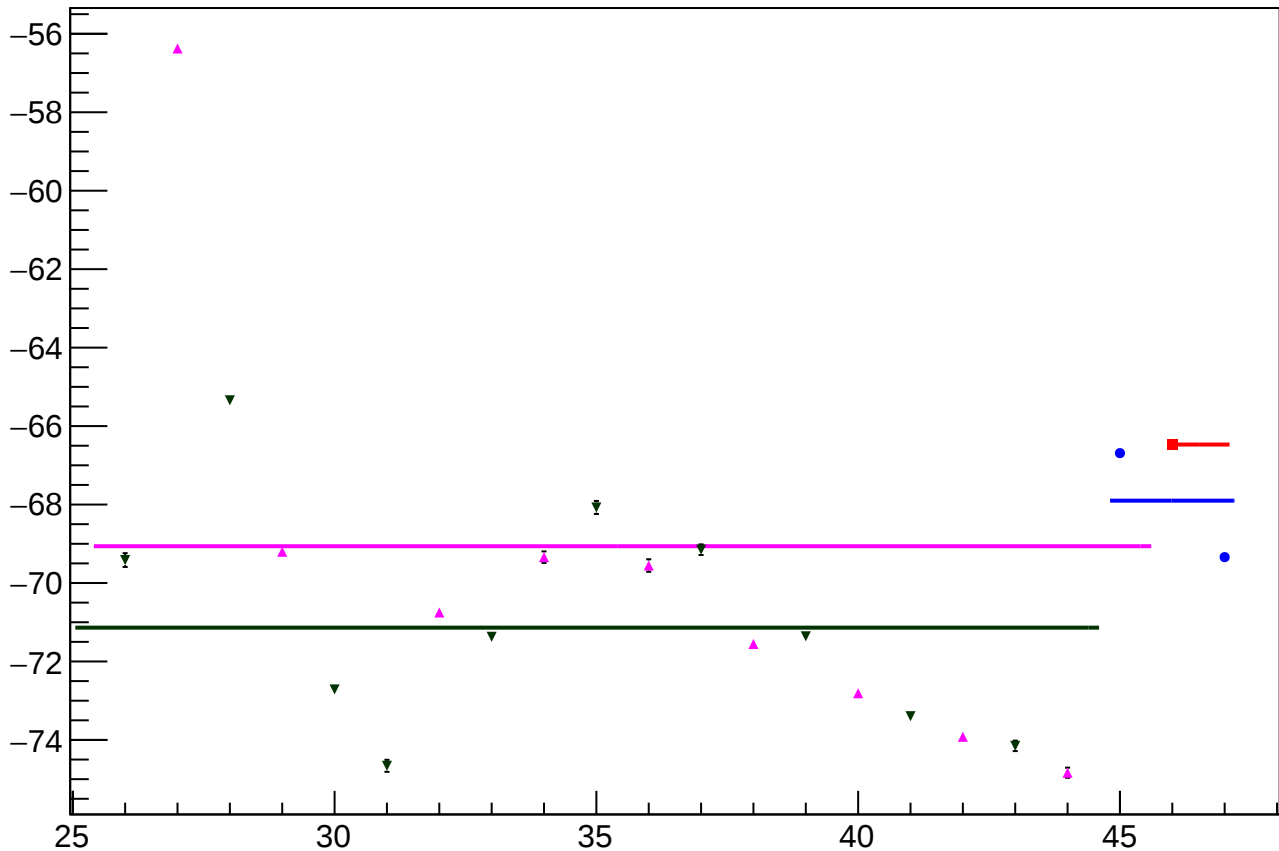
reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 3.277 $\pm$ 0.378 χ^2 /NDF: 0.3/1
 Left Out: 3.824 $\pm$ 0.189 χ^2 /NDF: 462.2/9
 Right Out: 3.703 $\pm$ 0.617 χ^2 /NDF: 0.0/0
 Left In: 7.254 $\pm$ 0.160 χ^2 /NDF: 580.6/8

3.714 $\pm$ 0.169 χ^2 /NDF: 464.3/11
 7.029 $\pm$ 0.155 χ^2 /NDF: 611.6/9

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -67.901 ± 0.082 χ^2/NDF : 259.7/1

Left Out: -71.138 ± 0.042 χ^2/NDF : 4371.0/9

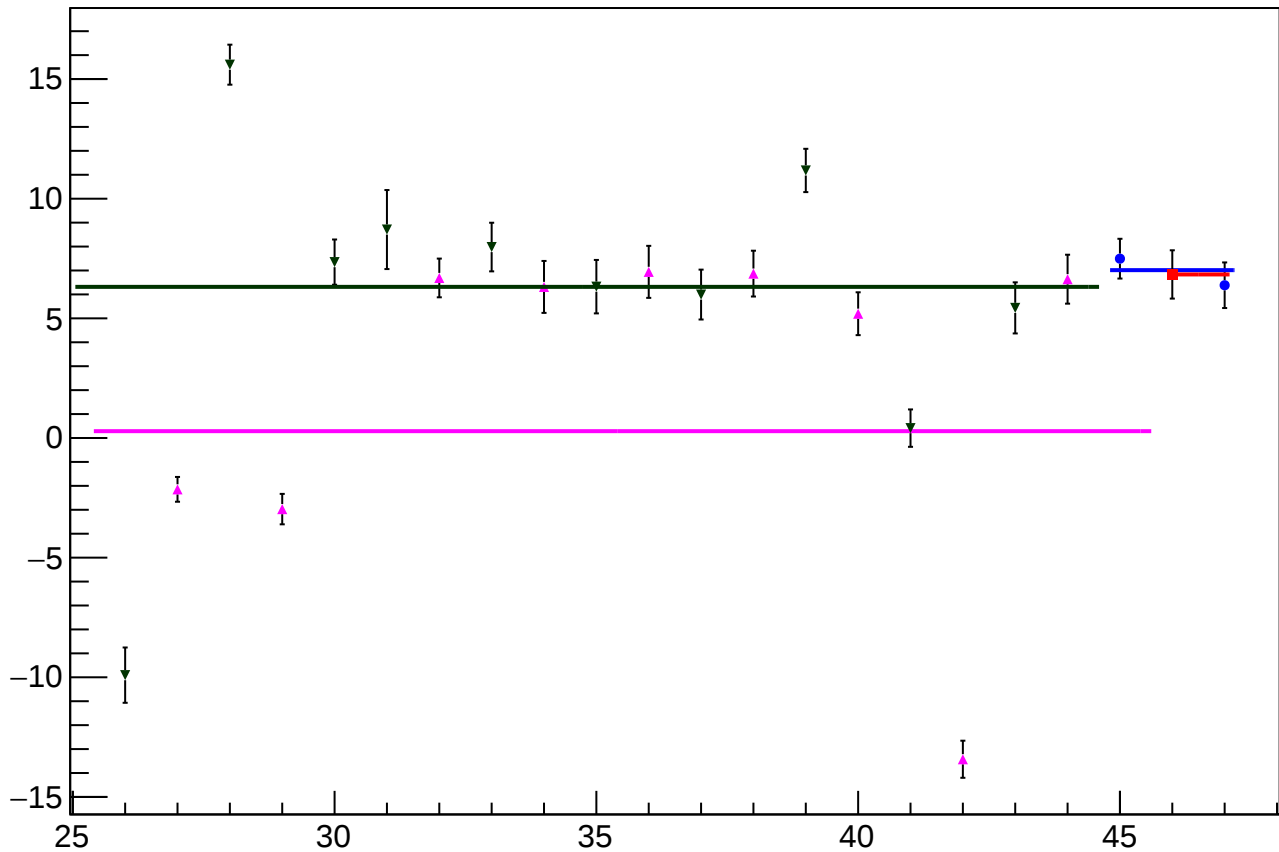
Right Out: -66.470 ± 0.127 χ^2/NDF : 0.0/0

Left In: -69.062 ± 0.039 χ^2/NDF : 22618.3/8

-70.466 ± 0.037 χ^2/NDF : 5867.4/11

-68.843 ± 0.037 χ^2/NDF : 22999.3/9

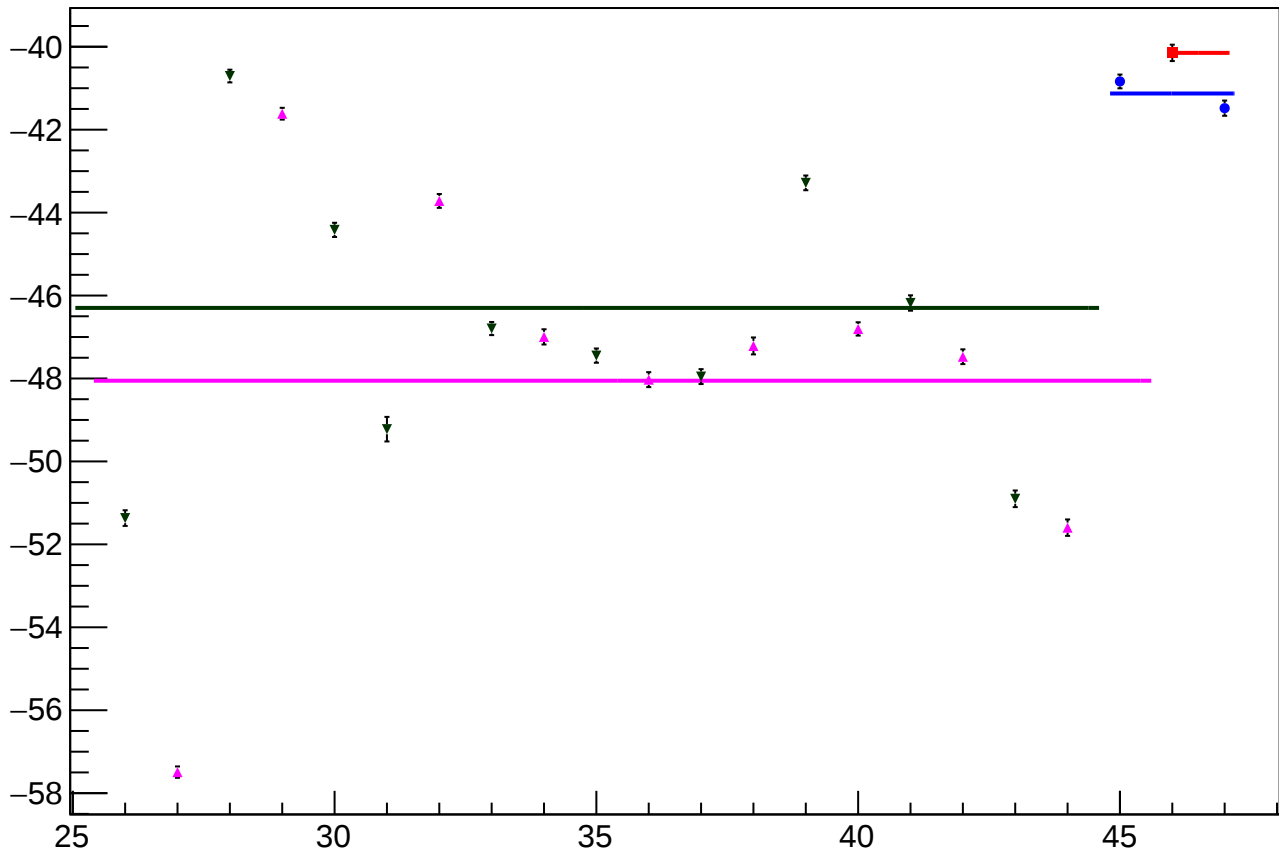
reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.014 $\pm$ 0.626 χ^2 /NDF: 0.8/1
 Left Out: 6.316 $\pm$ 0.315 χ^2 /NDF: 413.3/9
 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

6.457 $\pm$ 0.281 χ^2 /NDF: 415.1/11
 0.704 $\pm$ 0.255 χ^2 /NDF: 647.5/9

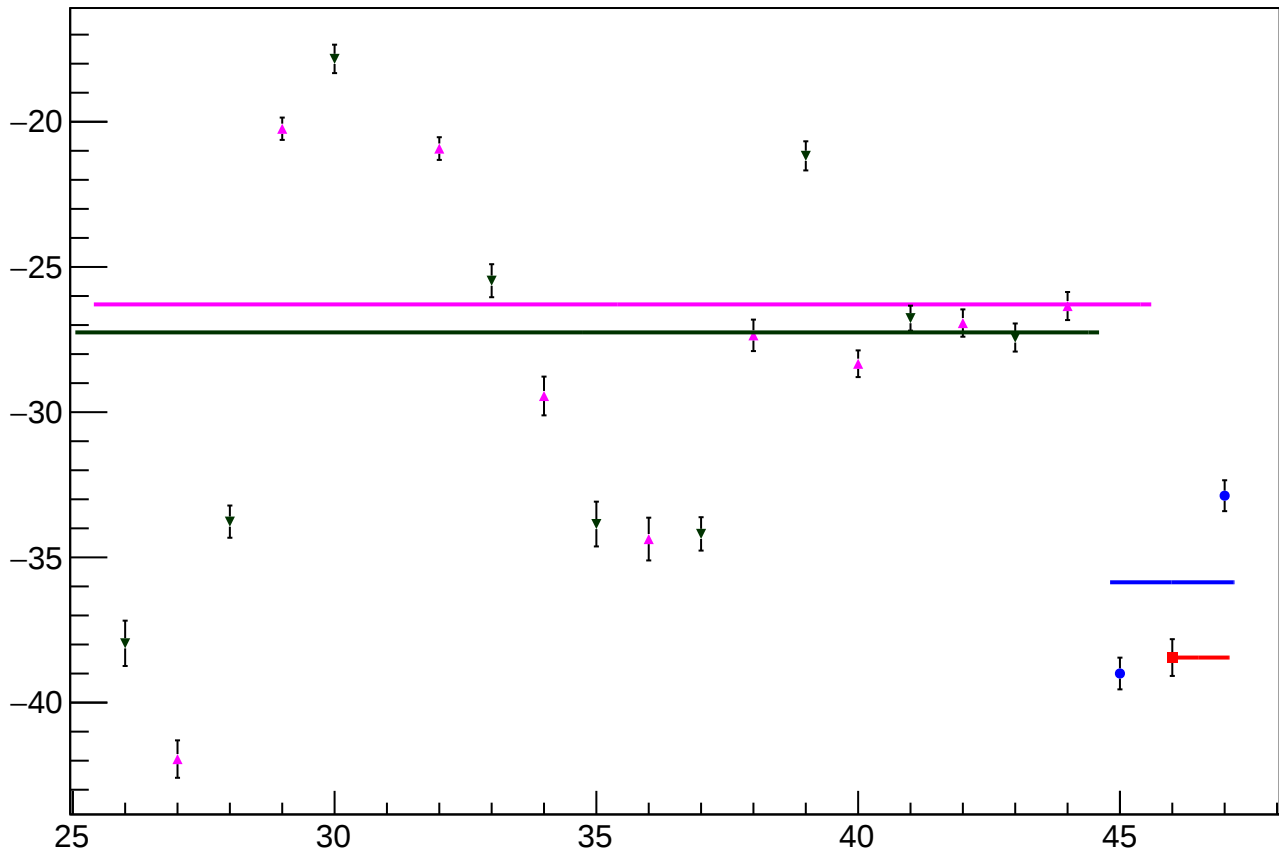
reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -41.128 ± 0.123 χ^2/NDF : 6.8/1
 Left Out: -46.298 ± 0.057 χ^2/NDF : 3214.3/9
 Right Out: -40.148 ± 0.198 χ^2/NDF : 0.0/0
 Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-45.383 ± 0.052 χ^2/NDF : 4667.9/11
 -47.467 ± 0.054 χ^2/NDF : 9390.8/9

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -35.858 $\pm$ 0.381 χ^2 /NDF: 64.5/1

Left Out: -27.253 $\pm$ 0.181 χ^2 /NDF:1073.0/8

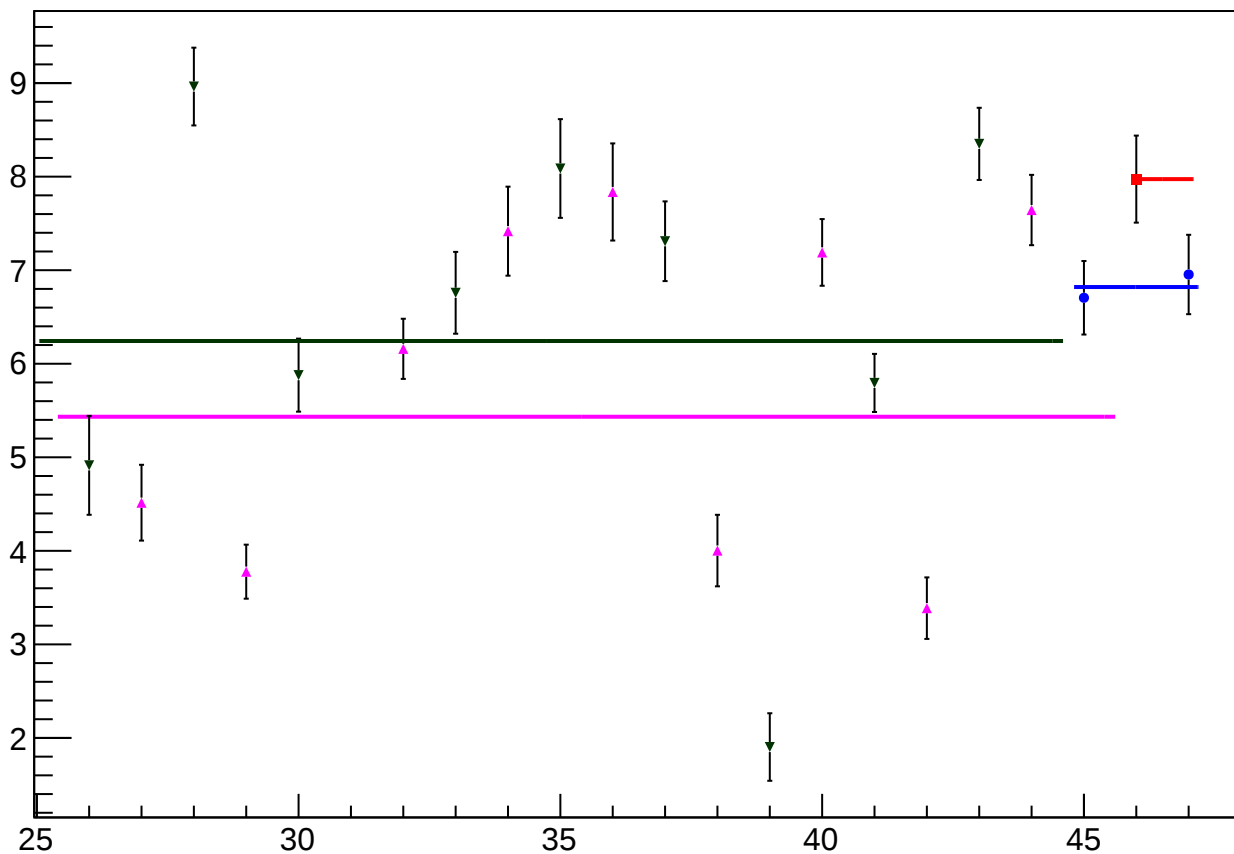
Right Out: -38.449 $\pm$ 0.633 χ^2 /NDF: 0.0/0

Left In: -26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-28.837 $\pm$ 0.164 χ^2 /NDF: 1553.6/10

-27.062 $\pm$ 0.160 χ^2 /NDF: 1540.1/9

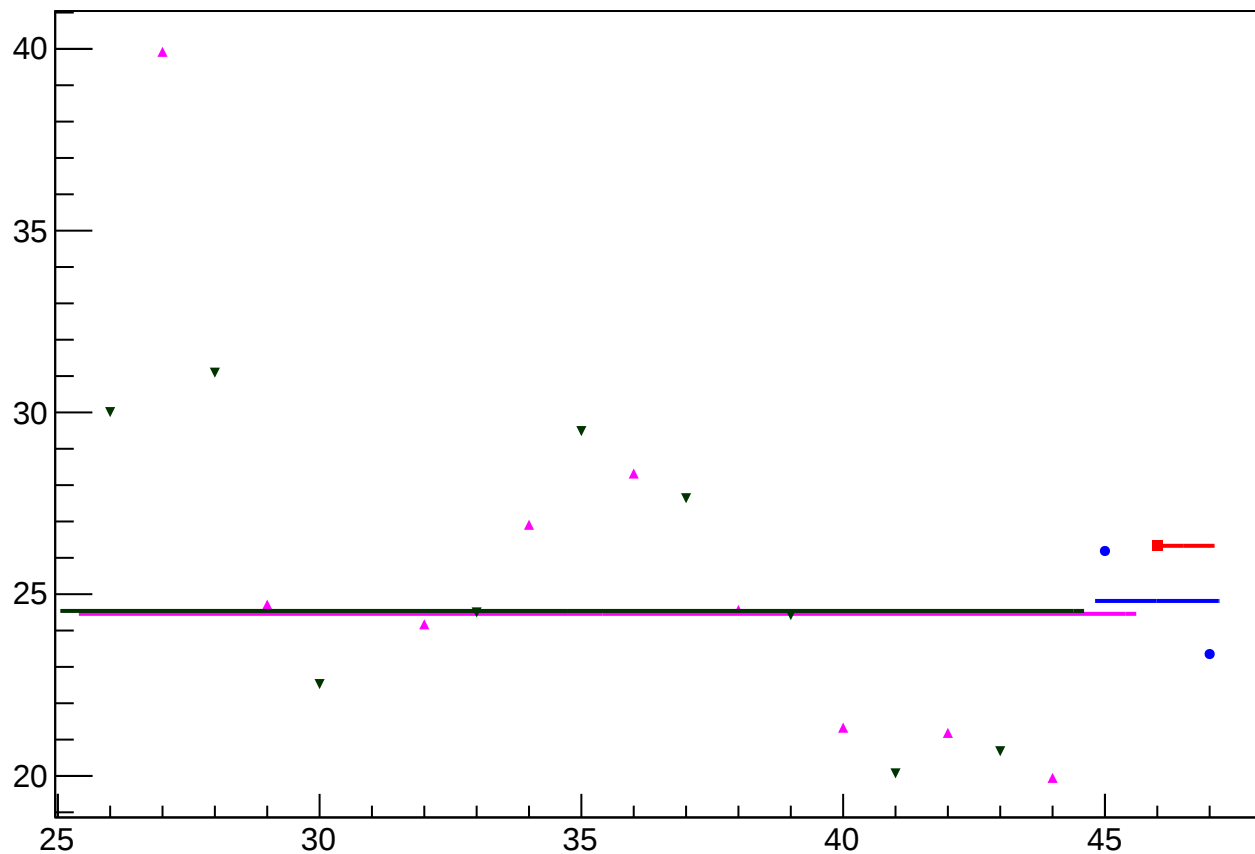
reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.820 $\pm$ 0.288 χ^2 /NDF: 0.2/1
 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

6.347 $\pm$ 0.122 χ^2 /NDF: 249.8/10
 5.597 $\pm$ 0.118 χ^2 /NDF: 221.4/9

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 24.814+/-0.062 χ^2 /NDF: 517.5/1

Left Out: 24.539+/-0.030 χ^2 /NDF:15395.0/8

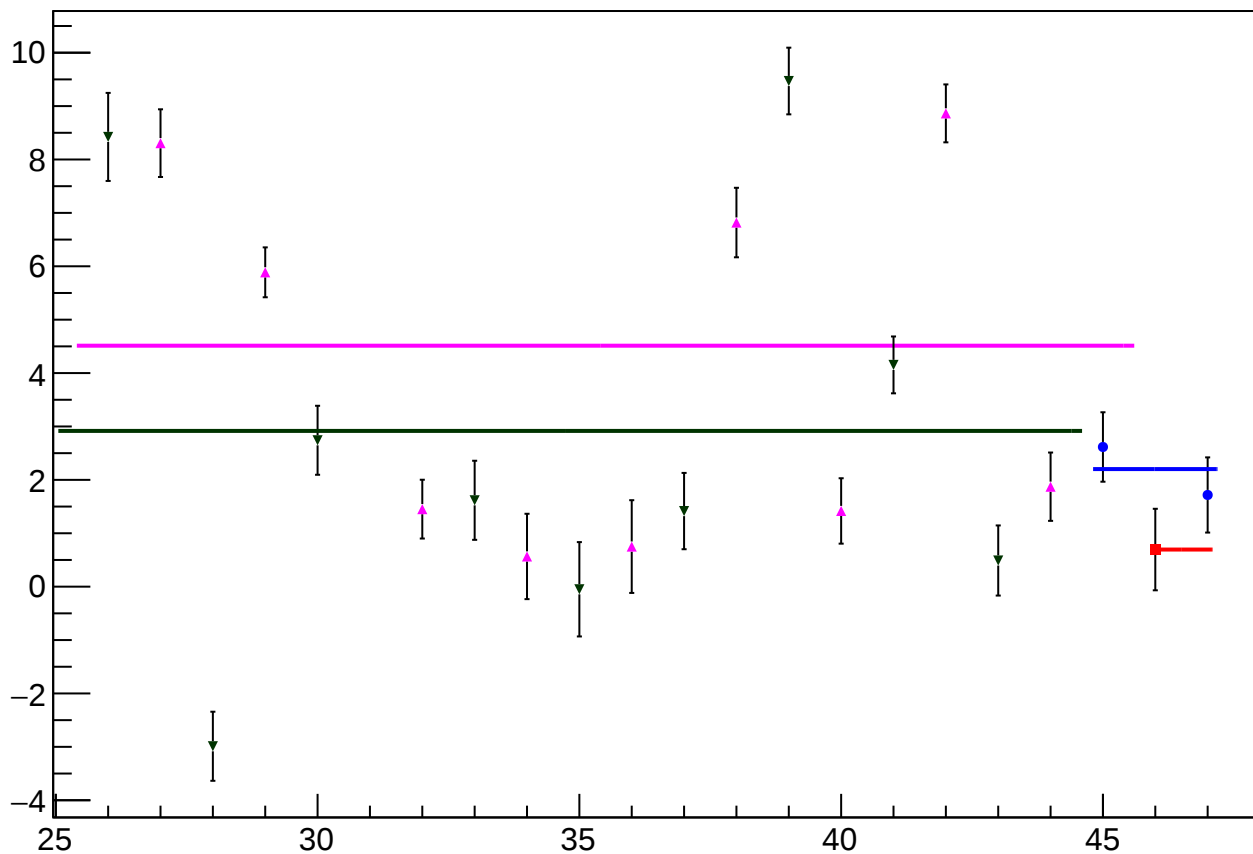
Right Out: 26.331+/-0.095 χ^2 /NDF: 0.0/0

Left In: 24.459+/-0.028 χ^2 /NDF:26092.7/8

24.592+/-0.027 χ^2 /NDF: 15928.3/10

24.610+/-0.027 χ^2 /NDF: 26447.7/9

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 2.202 ± 0.478 χ^2/NDF : 0.9/1
 Left Out: 2.917 ± 0.225 χ^2/NDF : 276.0/8

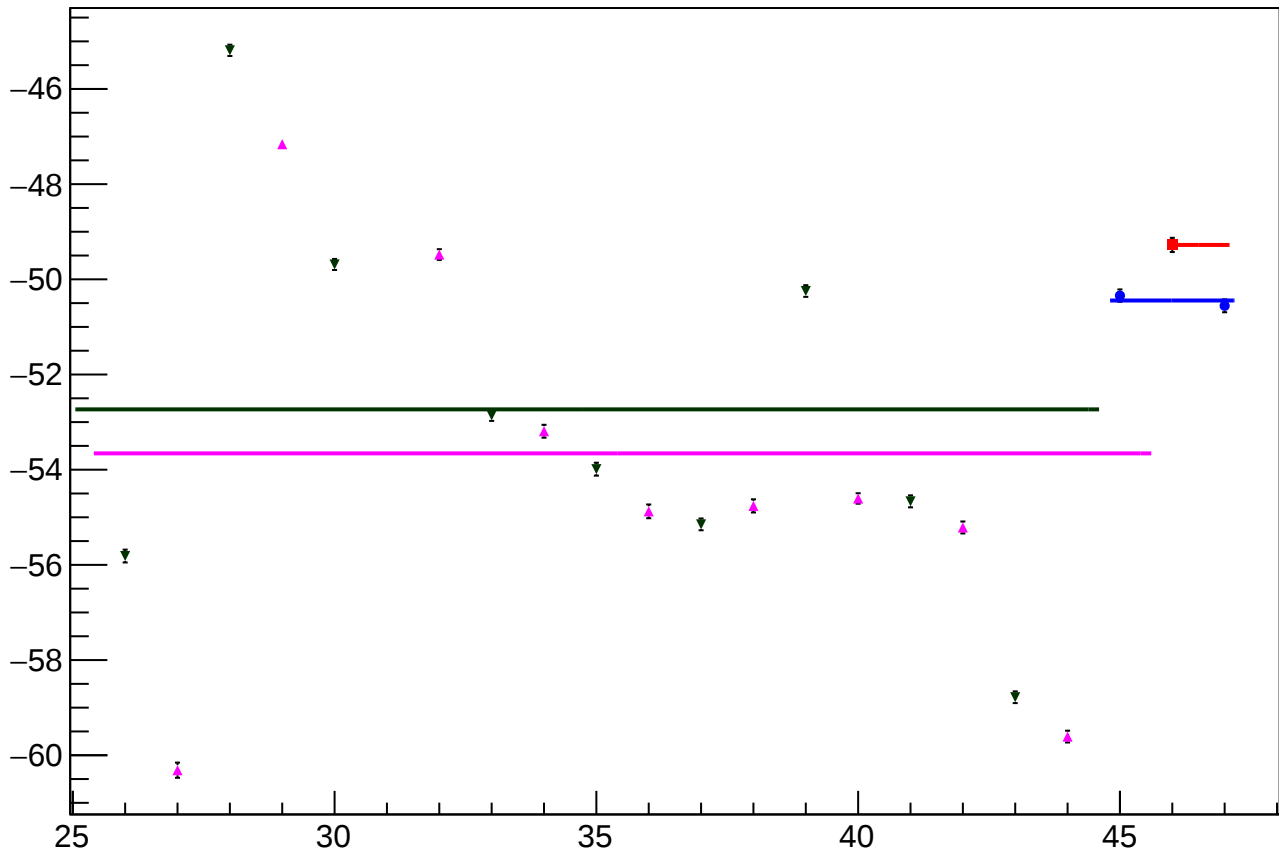
Right Out: 0.695 ± 0.763 χ^2/NDF : 0.0/0

Left In: 4.513 ± 0.204 χ^2/NDF : 238.0/8

2.787 ± 0.204 χ^2/NDF : 278.7/10

4.259 ± 0.197 χ^2/NDF : 261.4/9

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -50.445 $\pm$ 0.094 χ^2 /NDF: 1.3/1

Left Out: -52.733 $\pm$ 0.041 χ^2 /NDF: 8744.9/8

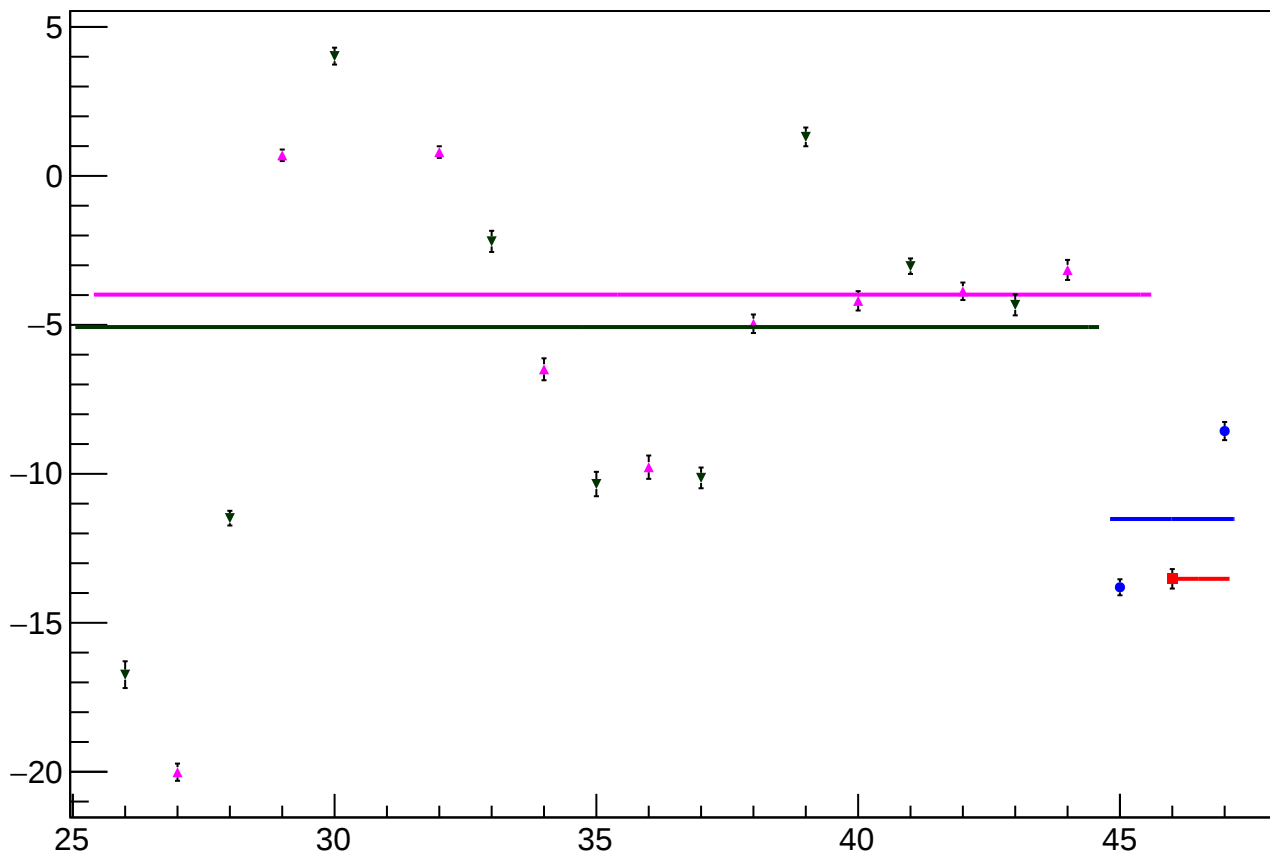
-52.363 $\pm$ 0.038 χ^2 /NDF: 9243.5/10

Right Out: -49.277 $\pm$ 0.149 χ^2 /NDF: 0.0/0

-53.340 $\pm$ 0.040 χ^2 /NDF: 10384.2/9

Left In: -53.657 $\pm$ 0.042 χ^2 /NDF: 9587.3/8

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -11.515+/-0.202 χ^2/NDF : 166.7/1

Left Out: -5.073+/-0.106 χ^2/NDF : 3297.3/8

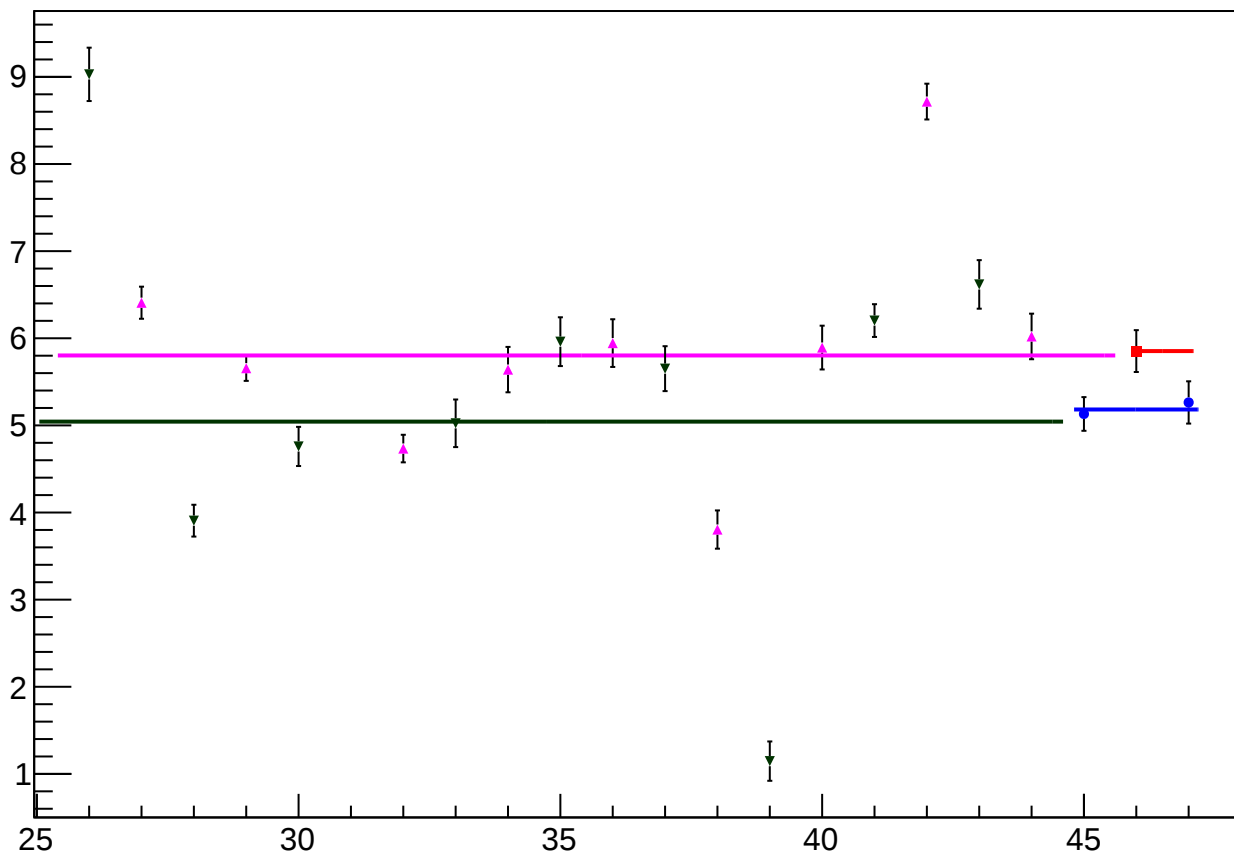
Right Out: -13.524+/-0.327 χ^2/NDF : 0.0/0

Left In: -3.984+/-0.091 χ^2/NDF : 4557.3/8

-6.470+/-0.094 χ^2/NDF : 4264.4/10

-4.676+/-0.088 χ^2/NDF : 5345.8/9

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.183 $\pm$ 0.151 χ^2 /NDF: 0.2/1

Left Out: 5.043 $\pm$ 0.078 χ^2 /NDF: 594.0/8

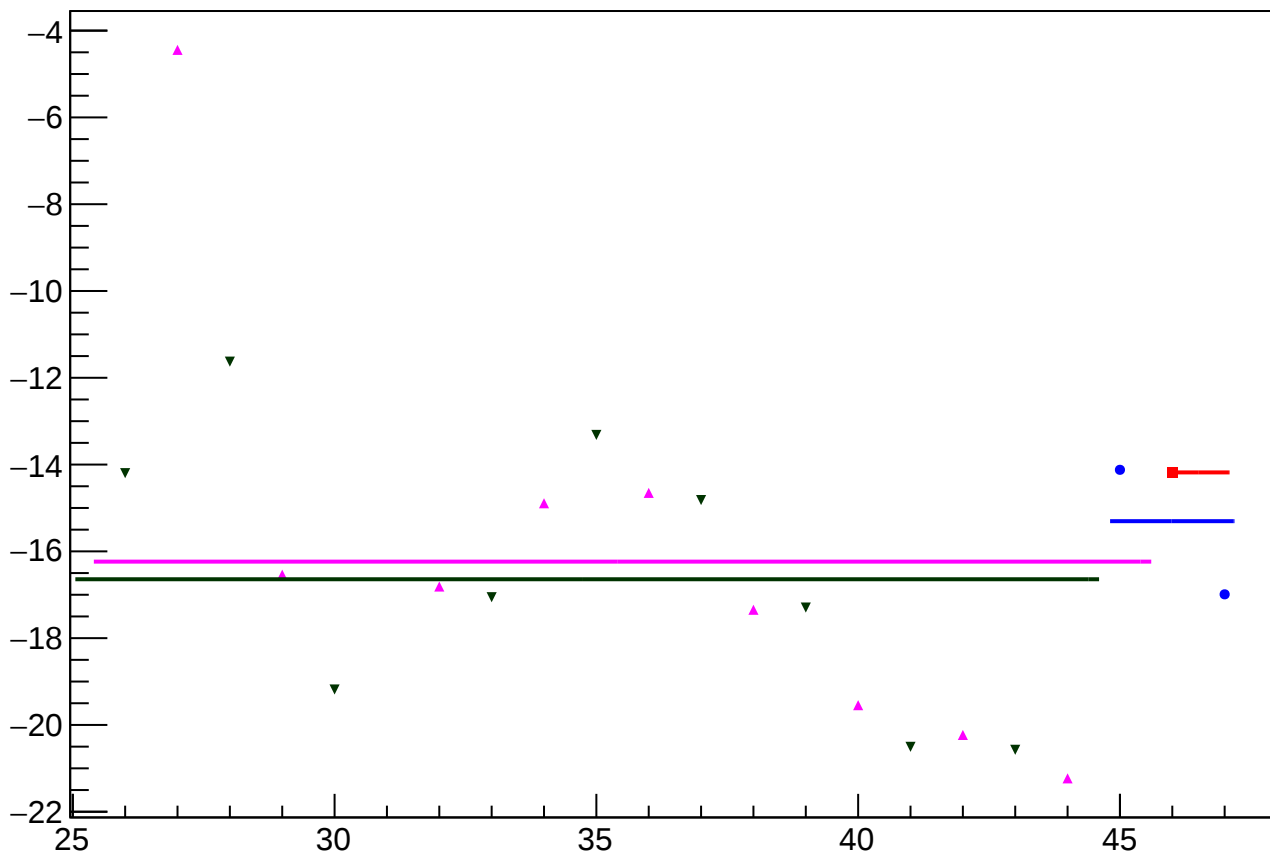
Right Out: 5.853 $\pm$ 0.240 χ^2 /NDF: 0.0/0

Left In: 5.803 $\pm$ 0.067 χ^2 /NDF: 343.0/8

5.073 $\pm$ 0.070 χ^2 /NDF: 594.9/10

5.806 $\pm$ 0.065 χ^2 /NDF: 343.0/9

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -15.304 ± 0.033 $\chi^2/\text{NDF}: 1847.5/1$

Left Out: -16.643 ± 0.018 $\chi^2/\text{NDF}: 32975.5/8$

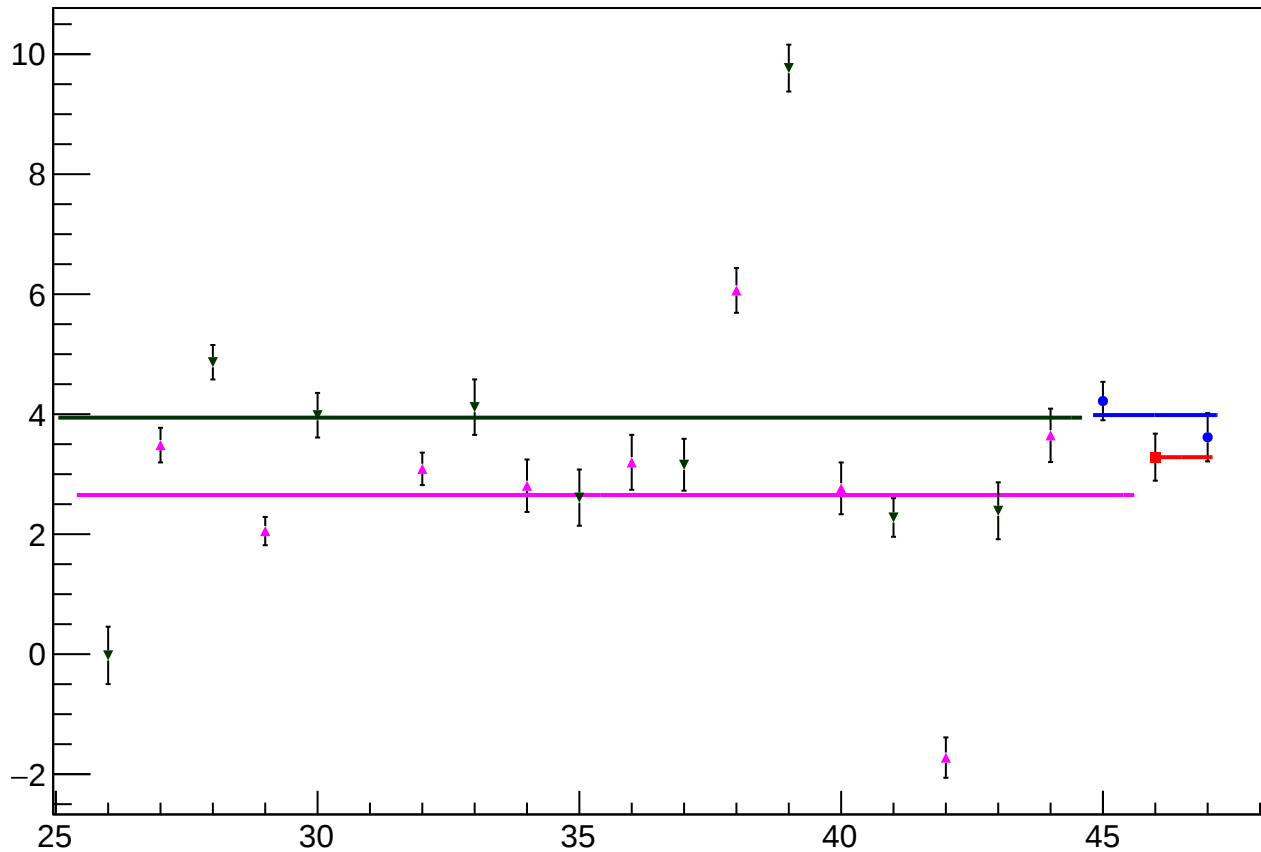
Right Out: -14.181 ± 0.049 $\chi^2/\text{NDF}: 0.0/0$

Left In: -16.237 ± 0.016 $\chi^2/\text{NDF}: 73670.4/8$

-16.341 ± 0.016 $\chi^2/\text{NDF}: 36107.9/10$

-16.052 ± 0.015 $\chi^2/\text{NDF}: 75242.9/9$

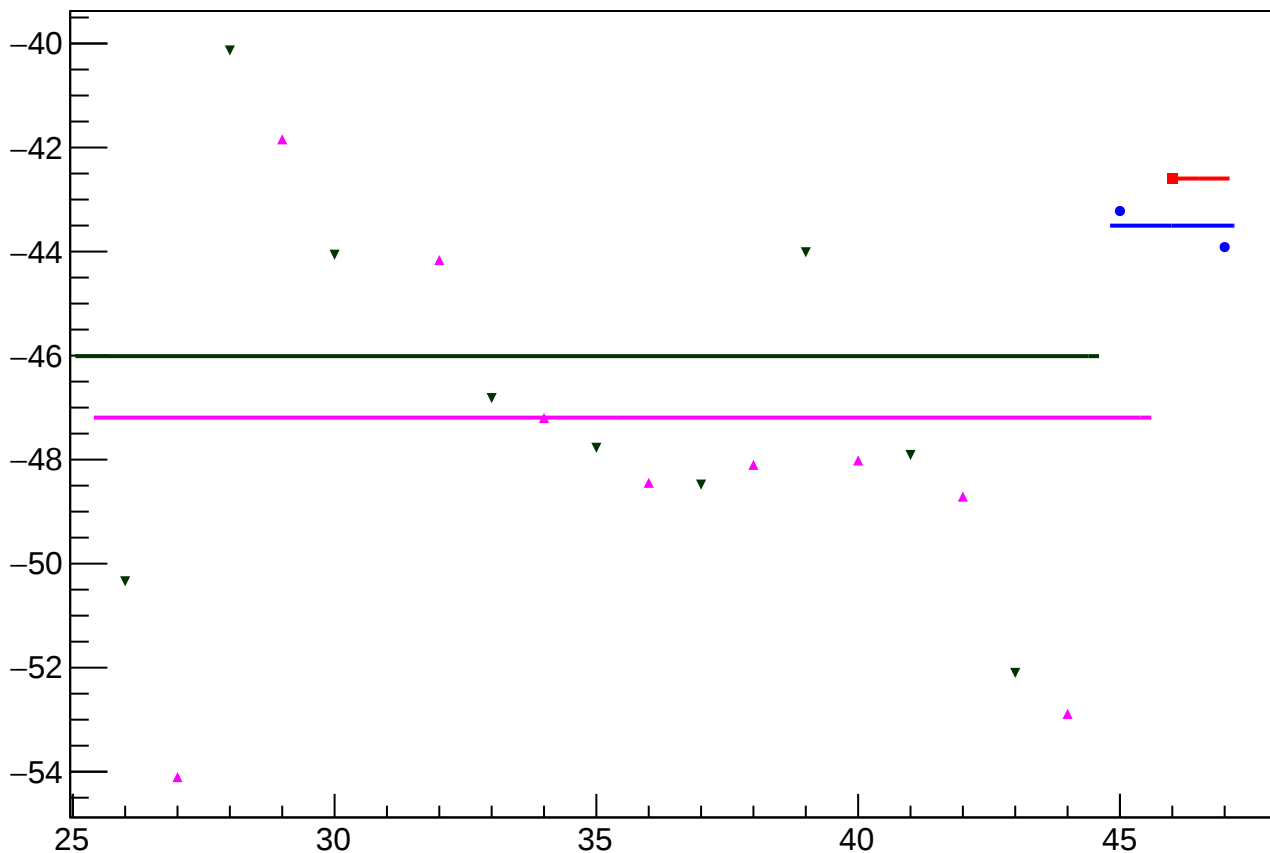
reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.985 $\pm$ 0.250 χ^2/NDF : 1.4/1
 Left Out: 3.942 $\pm$ 0.130 χ^2/NDF : 350.2/8
 Right Out: 3.284 $\pm$ 0.392 χ^2/NDF : 0.0/0
 Left In: 2.653 $\pm$ 0.112 χ^2/NDF : 276.7/8

3.951 $\pm$ 0.116 χ^2/NDF : 351.6/10
 2.701 $\pm$ 0.107 χ^2/NDF : 279.1/9

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -43.502 $\pm$ 0.049 χ^2 /NDF: 47.4/1

Left Out: -46.011 $\pm$ 0.024 χ^2 /NDF:23317.4/8

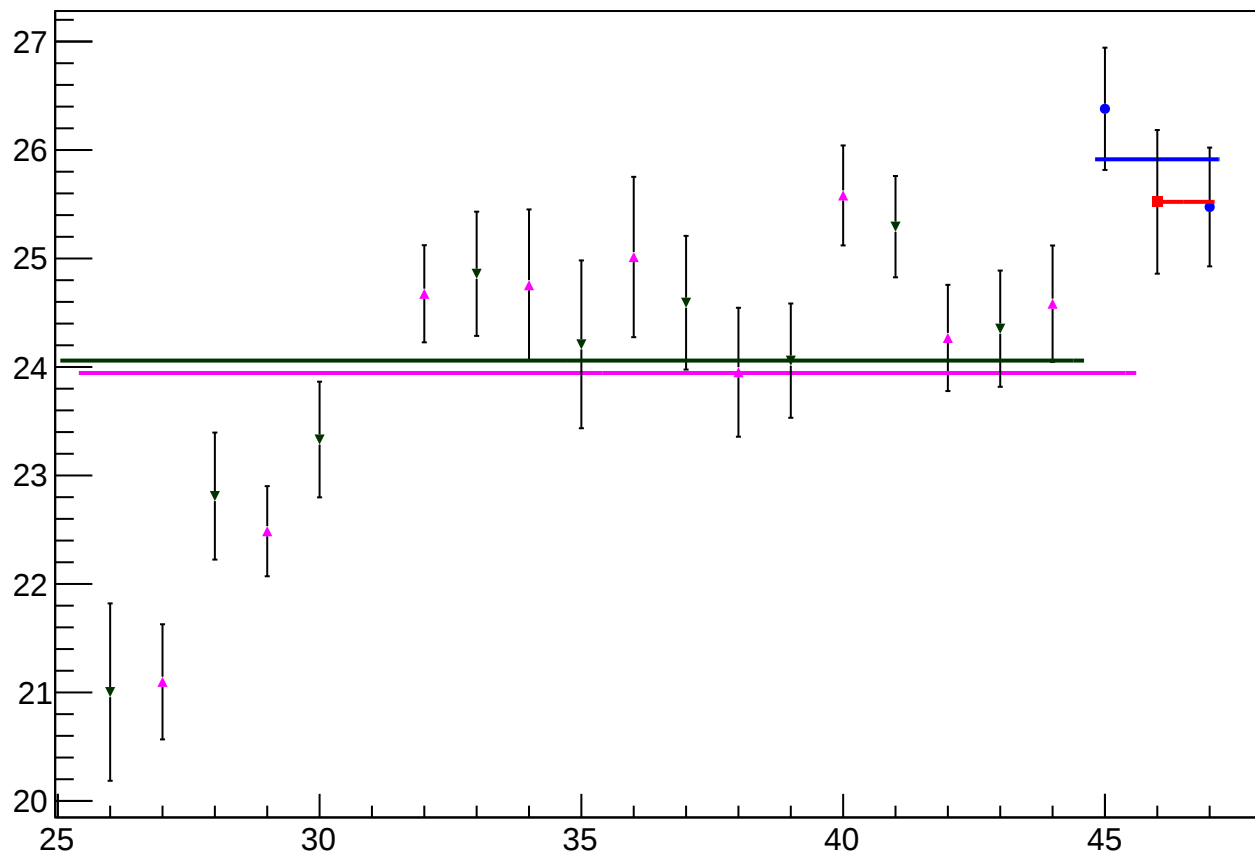
Right Out: -42.596 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left In: -47.193 $\pm$ 0.023 χ^2 /NDF:27380.9/8

-45.530 $\pm$ 0.022 χ^2 /NDF: 25446.4/10

-46.806 $\pm$ 0.022 χ^2 /NDF: 30634.1/9

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.914 $\pm$ 0.393 χ^2 /NDF: 1.3/1

Left Out: 24.059 $\pm$ 0.193 χ^2 /NDF: 30.4/8

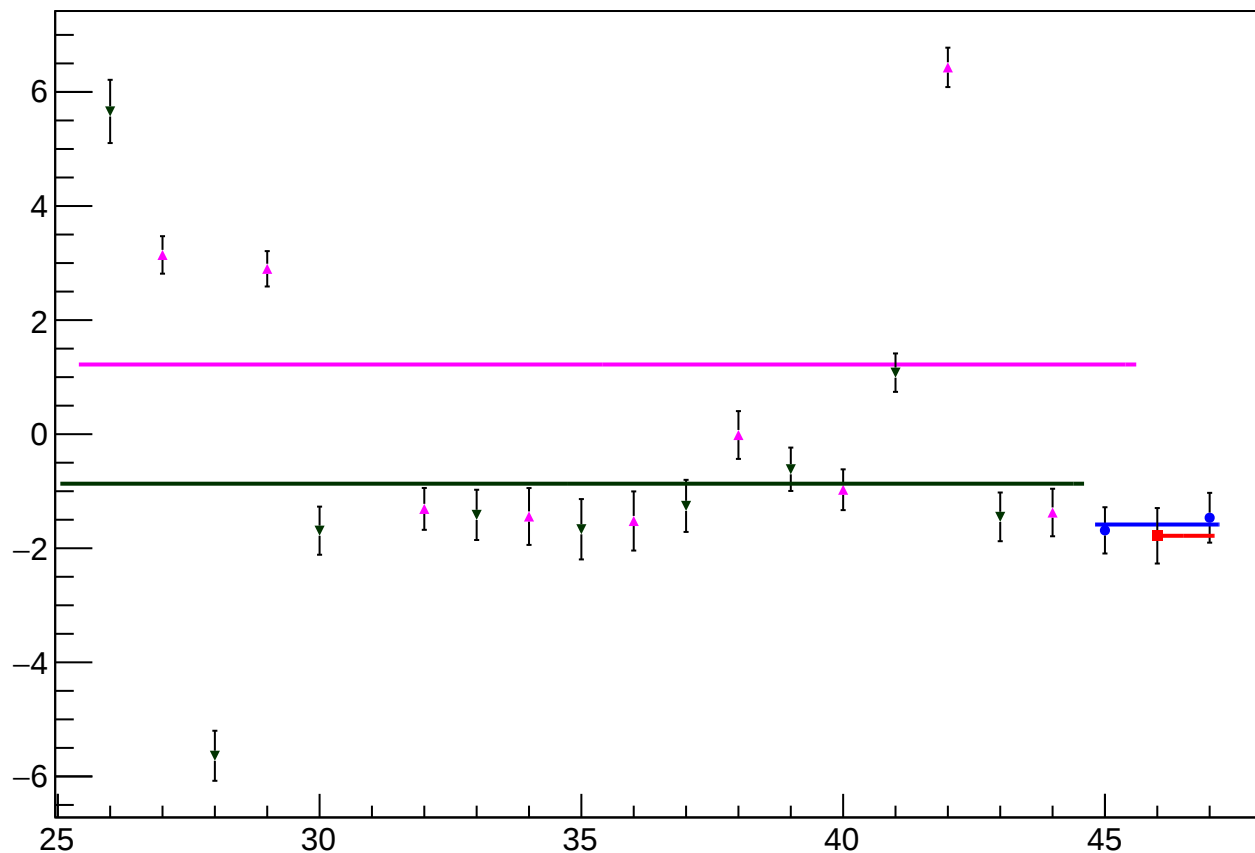
Right Out: 25.522 $\pm$ 0.662 χ^2 /NDF: 0.0/0

Left In: 23.945 $\pm$ 0.173 χ^2 /NDF: 61.7/8

24.419 $\pm$ 0.173 χ^2 /NDF: 49.7/10

24.045 $\pm$ 0.167 χ^2 /NDF: 67.0/9

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -1.584 ± 0.297 $\chi^2/\text{NDF: } 0.1/1$

Left Out: -0.868 ± 0.143 $\chi^2/\text{NDF: } 300.9/8$

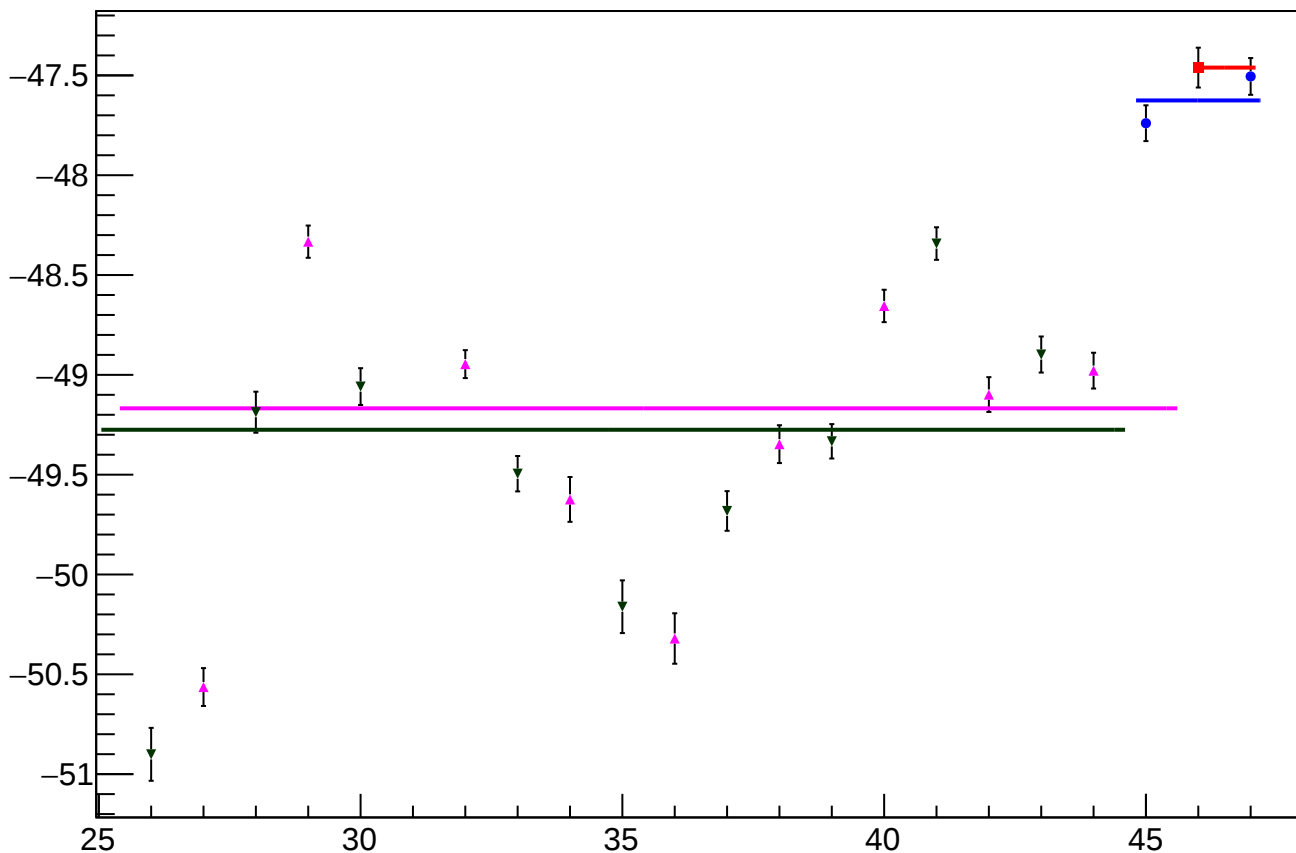
Right Out: -1.781 ± 0.486 $\chi^2/\text{NDF: } 0.0/0$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF: } 480.3/8$

-1.003 ± 0.129 $\chi^2/\text{NDF: } 305.8/10$

1.031 ± 0.122 $\chi^2/\text{NDF: } 516.0/9$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.625 ± 0.064 $\chi^2/\text{NDF}: 3.3/1$

Left Out: -49.275 ± 0.032 $\chi^2/\text{NDF}: 373.5/8$

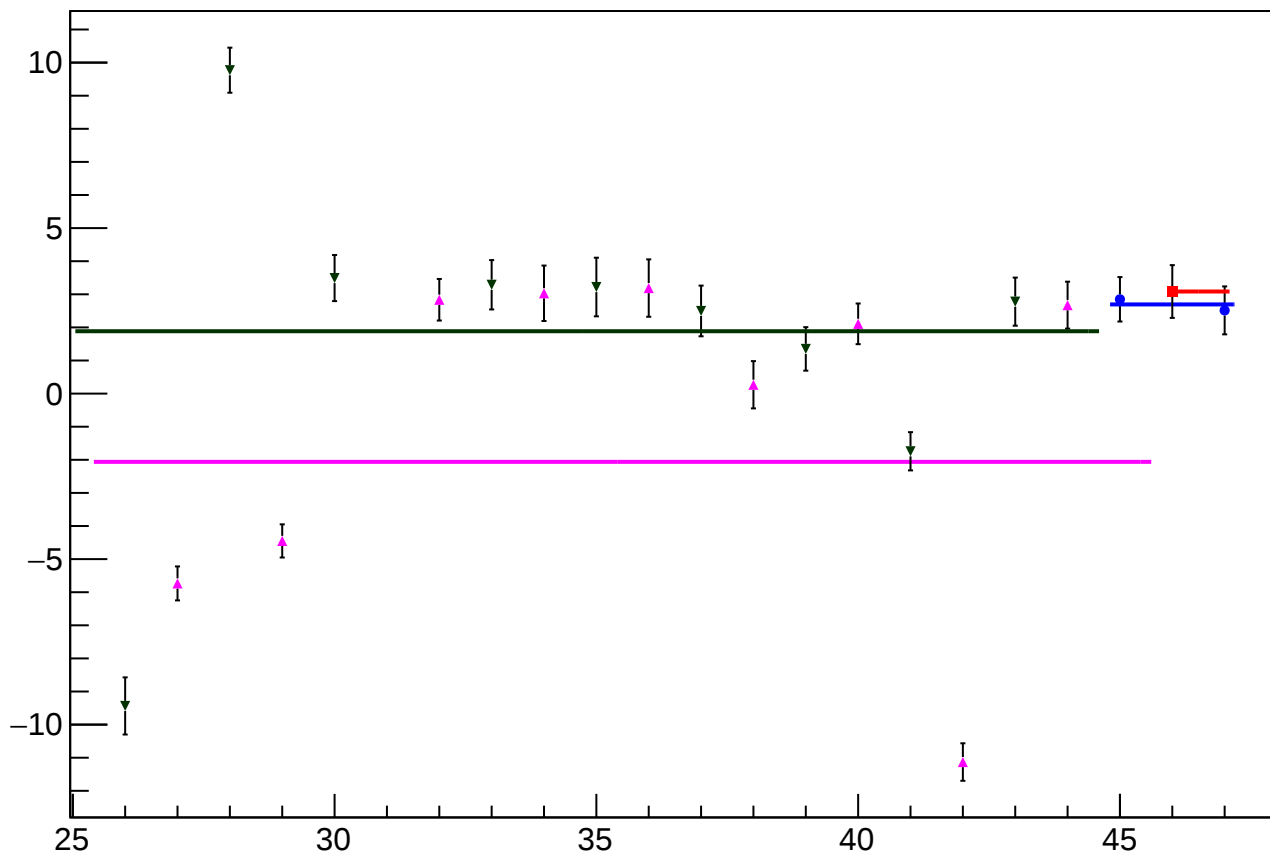
Right Out: -47.461 ± 0.100 $\chi^2/\text{NDF}: 0.0/0$

Left In: -49.168 ± 0.030 $\chi^2/\text{NDF}: 481.7/8$

-48.943 ± 0.029 $\chi^2/\text{NDF}: 903.7/10$

-49.028 ± 0.029 $\chi^2/\text{NDF}: 750.3/9$

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 2.694 $\pm$ 0.492 χ^2 /NDF: 0.1/1

Left Out: 1.884 $\pm$ 0.239 χ^2 /NDF: 359.4/8

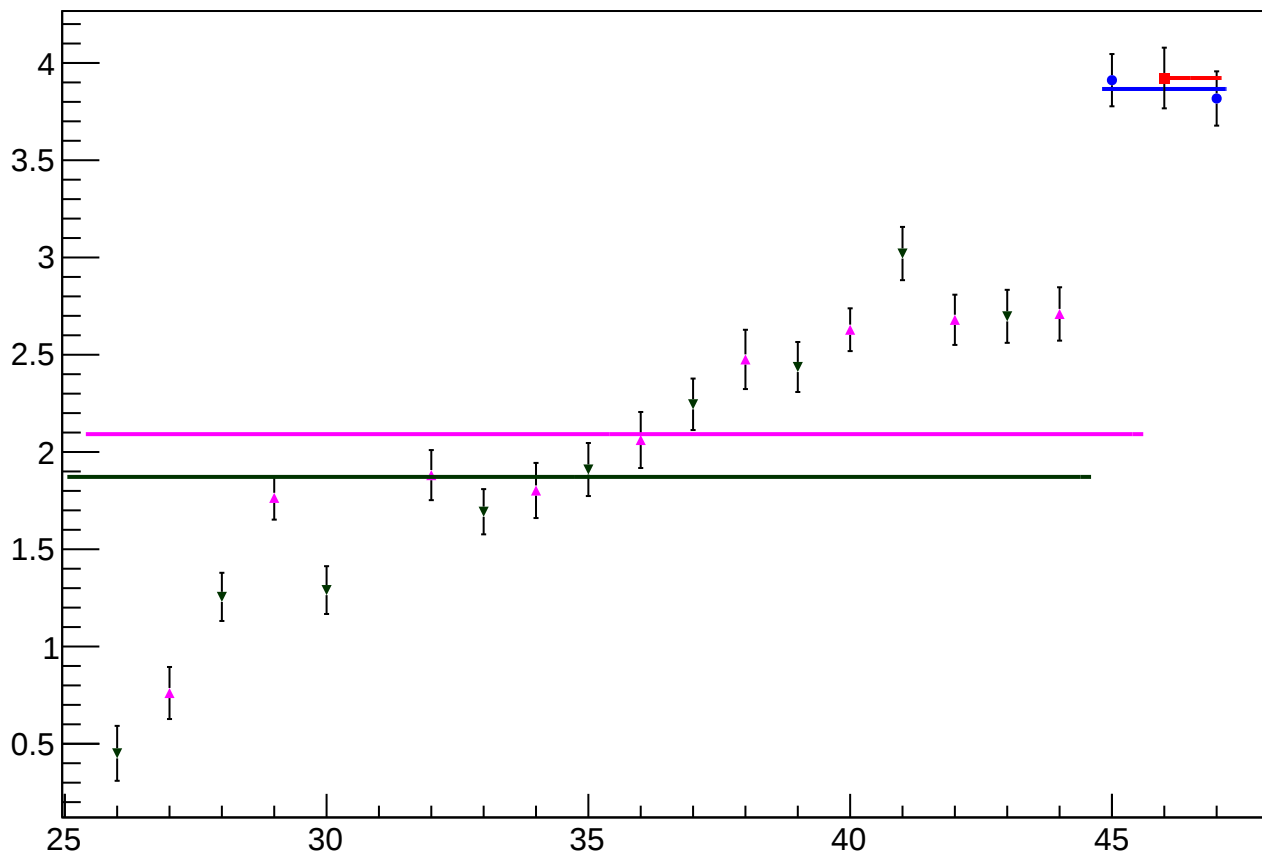
Right Out: 3.085 $\pm$ 0.797 χ^2 /NDF: 0.0/0

Left In: -2.062 $\pm$ 0.209 χ^2 /NDF: 565.9/8

2.039 $\pm$ 0.215 χ^2 /NDF: 361.7/10

-1.729 $\pm$ 0.203 χ^2 /NDF: 604.9/9

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 3.866 $\pm$ 0.097 χ^2 /NDF: 0.2/1

Left Out: 1.872 $\pm$ 0.043 χ^2 /NDF:285.3/8

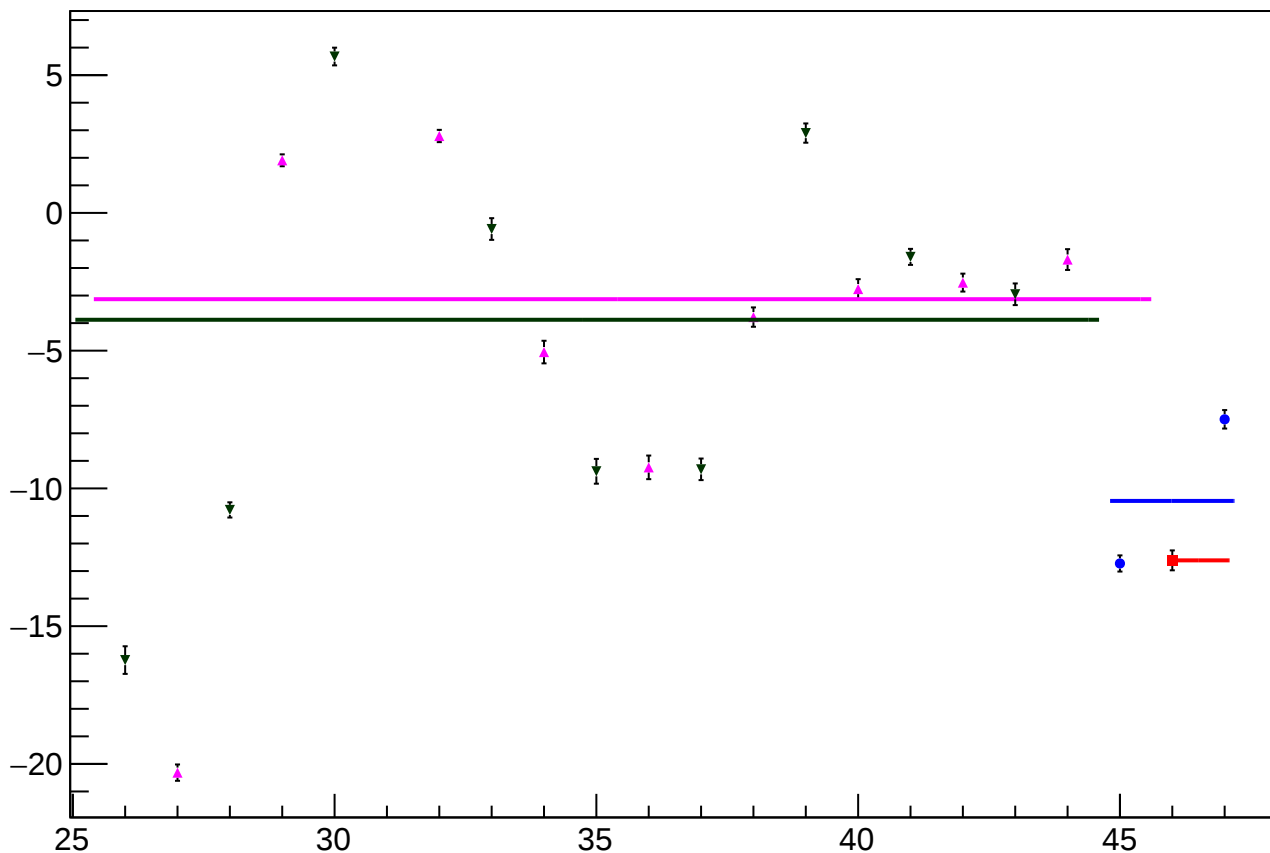
Right Out: 3.923 $\pm$ 0.156 χ^2 /NDF: 0.0/0

Left In: 2.092 $\pm$ 0.043 χ^2 /NDF:185.6/8

2.204 $\pm$ 0.040 χ^2 /NDF: 639.4/10

2.223 $\pm$ 0.042 χ^2 /NDF: 313.5/9

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -10.454 ± 0.221 χ^2/NDF : 137.8/1

Left Out: -3.879 ± 0.119 χ^2/NDF : 2969.1/8

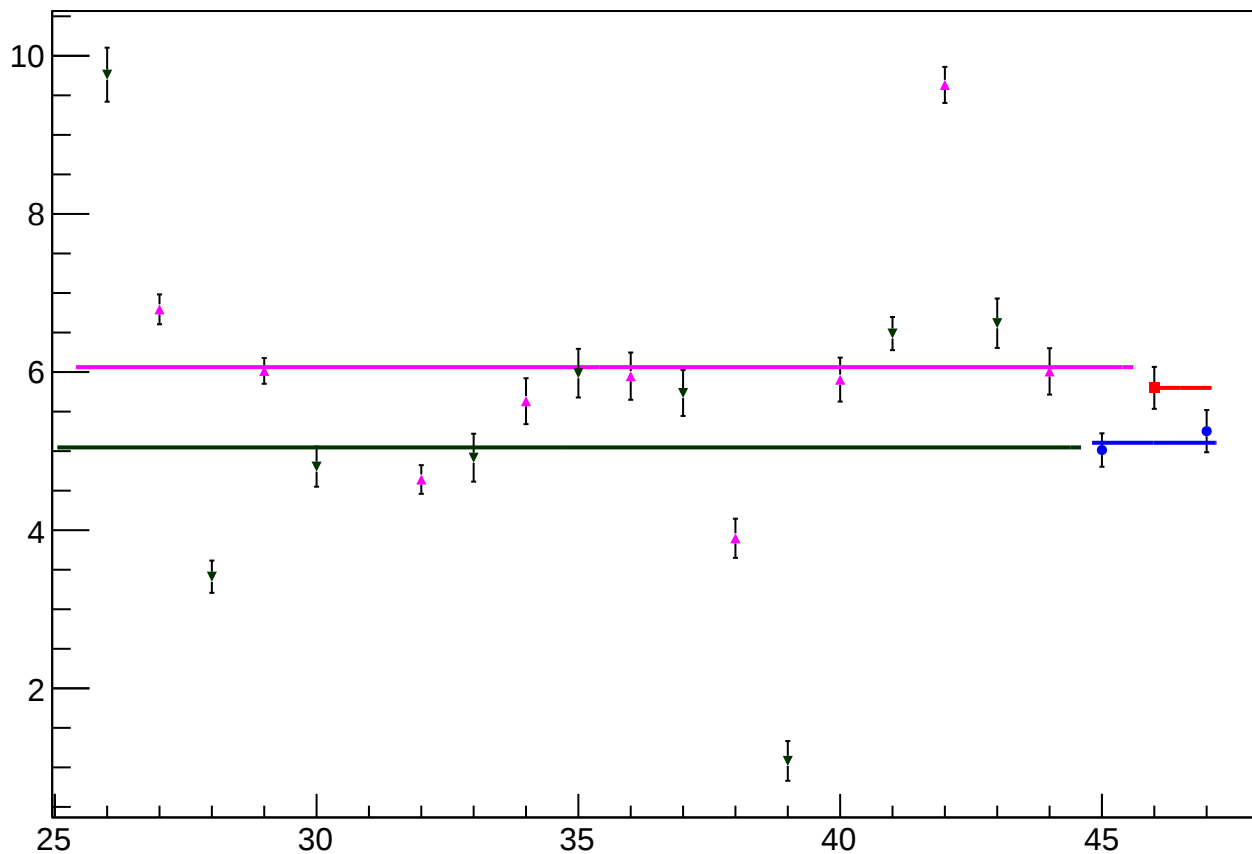
Right Out: -12.612 ± 0.361 χ^2/NDF : 0.0/0

Left In: -3.132 ± 0.102 χ^2/NDF : 4858.7/8

-5.349 ± 0.104 χ^2/NDF : 3794.7/10

-3.829 ± 0.098 χ^2/NDF : 5496.8/9

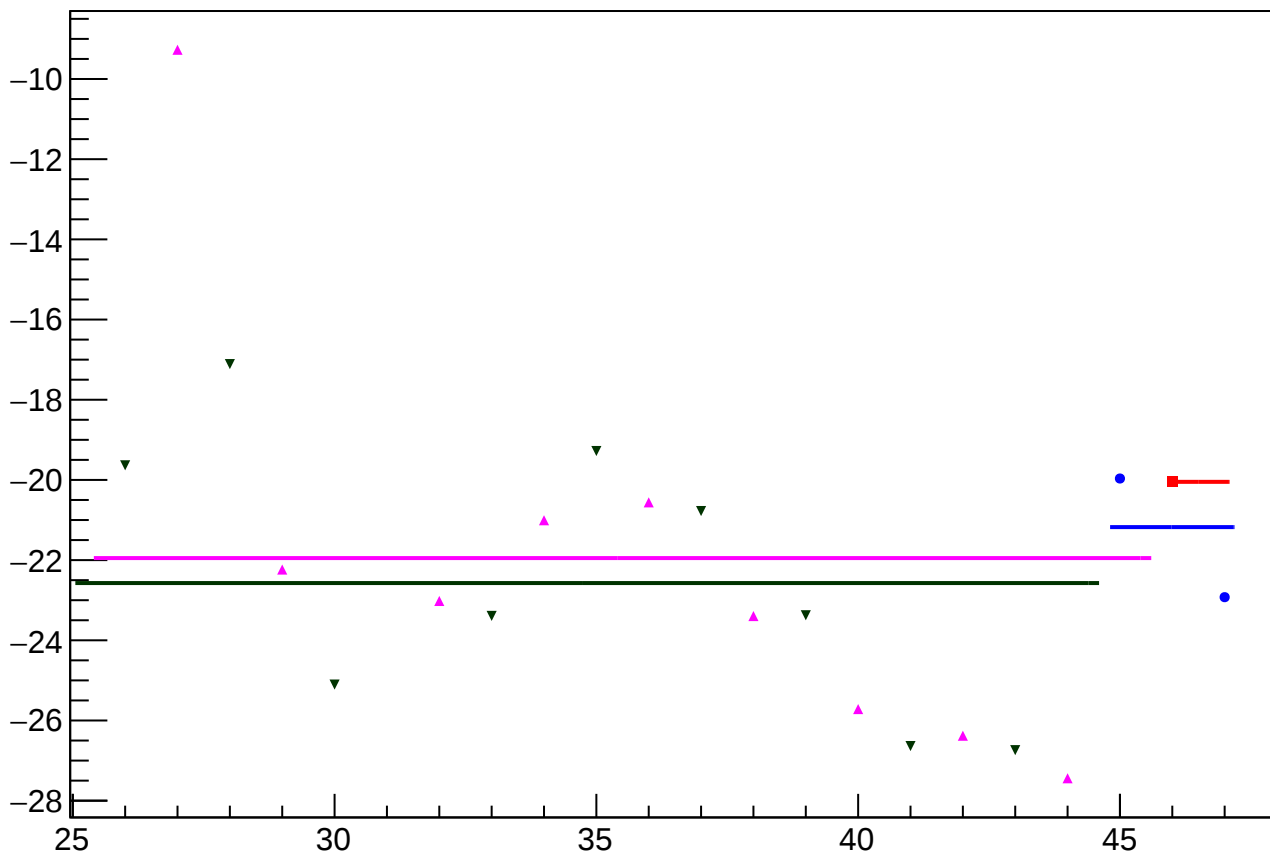
reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.106 $\pm$ 0.166 χ^2 /NDF: 0.5/1
 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

5.060 $\pm$ 0.077 χ^2 /NDF: 592.8/10
 6.043 $\pm$ 0.072 χ^2 /NDF: 401.4/9

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -21.177 ± 0.036 $\chi^2/\text{NDF}: 1631.0/1$

Left Out: -22.572 ± 0.020 $\chi^2/\text{NDF}: 29848.4/8$

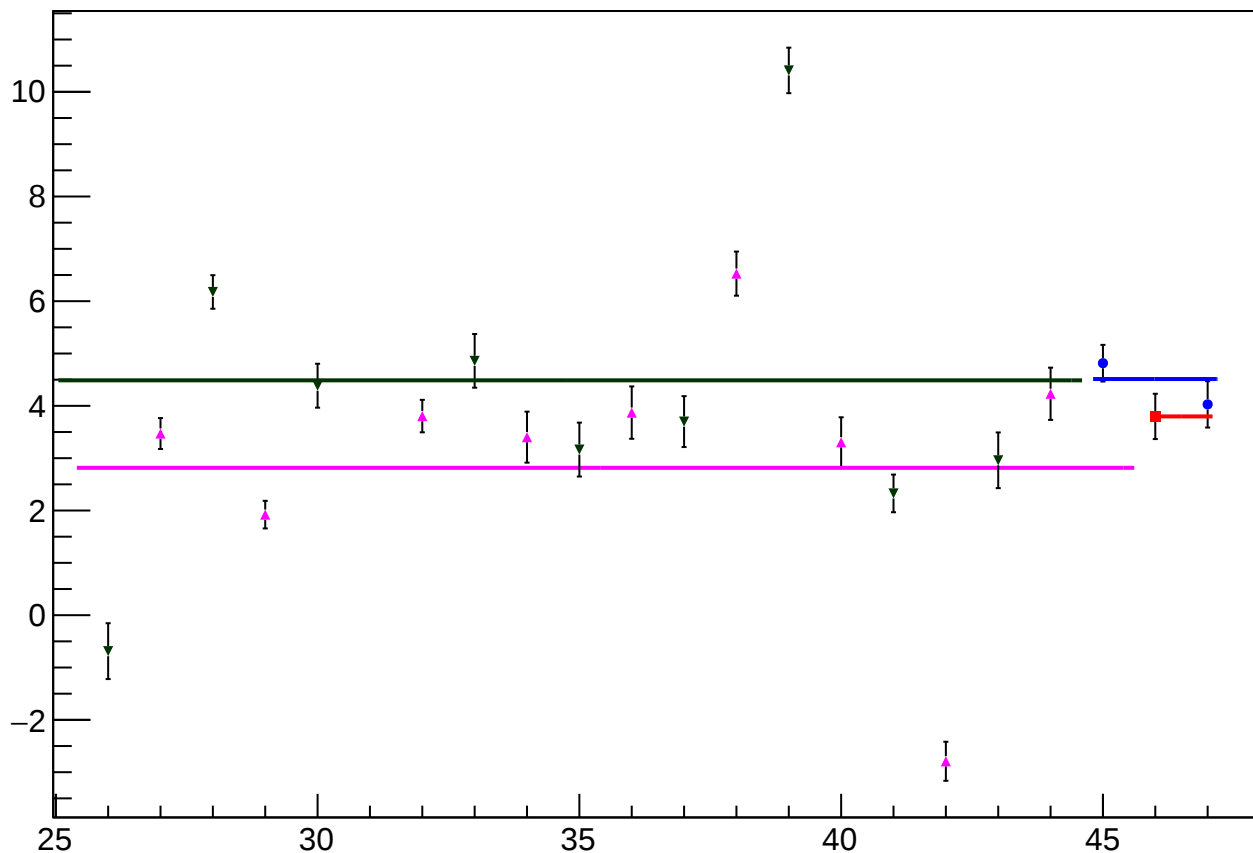
-22.247 ± 0.017 $\chi^2/\text{NDF}: 32629.7/10$

Right Out: -20.048 ± 0.055 $\chi^2/\text{NDF}: 0.0/0$

-21.775 ± 0.017 $\chi^2/\text{NDF}: 79962.6/9$

Left In: -21.949 ± 0.017 $\chi^2/\text{NDF}: 78862.5/8$

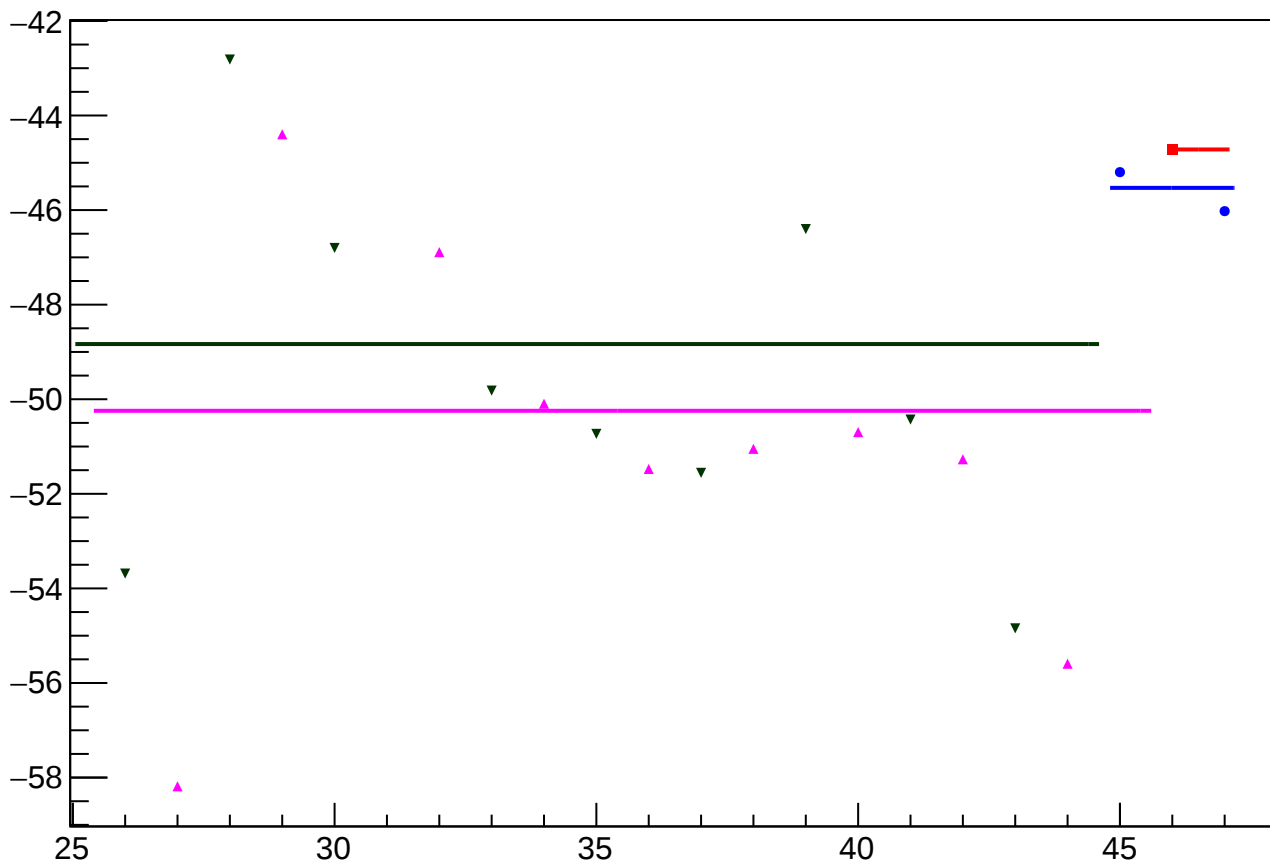
reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.512+/-0.274 χ^2/NDF : 1.9/1
 Left Out: 4.488+/-0.145 χ^2/NDF :361.4/8
 Right Out: 3.798+/-0.433 χ^2/NDF : 0.0/0
 Left In: 2.816+/-0.123 χ^2/NDF :345.0/8

4.493+/-0.129 χ^2/NDF : 363.4/10
 2.890+/-0.119 χ^2/NDF : 349.8/9

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -45.530±/-0.054 χ^2 /NDF: 55.8/1

Left Out: -48.833±/-0.027 χ^2 /NDF:20149.2/8

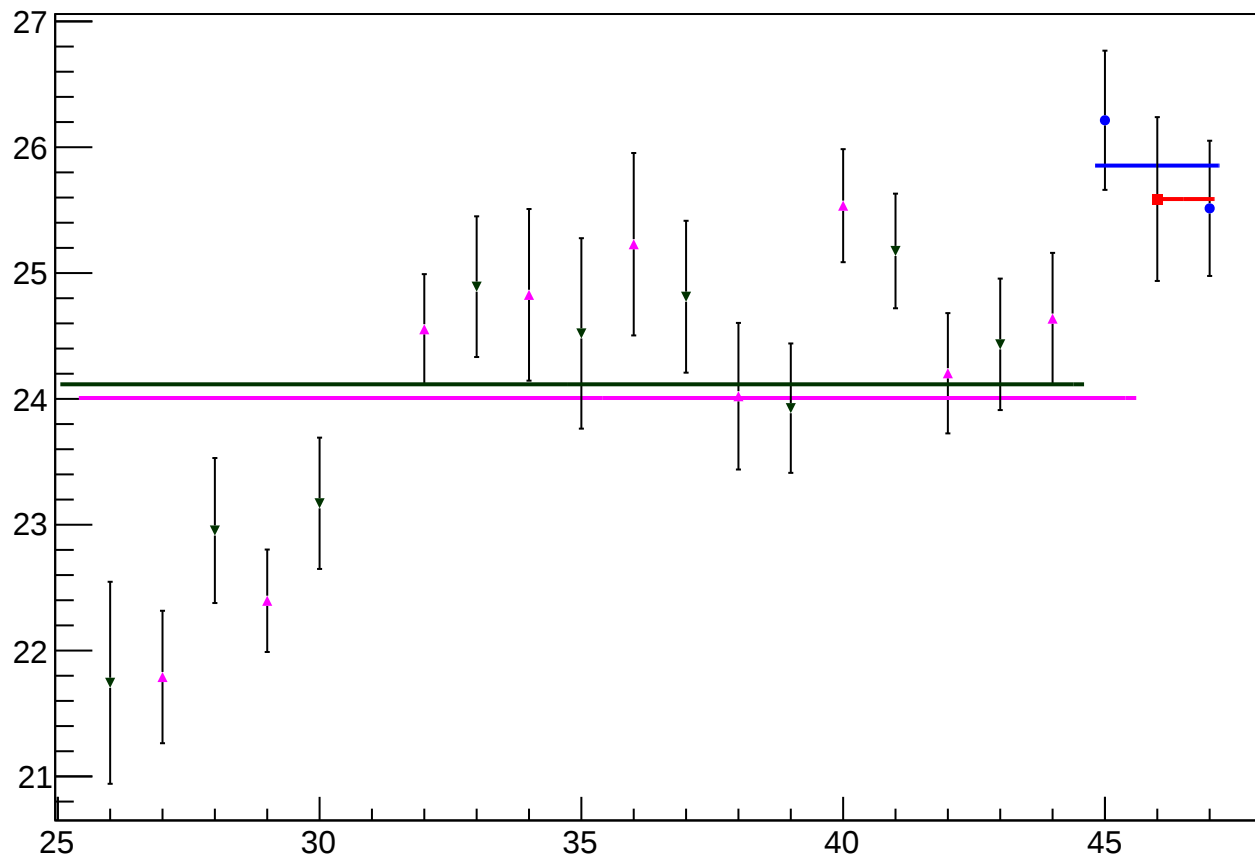
Right Out: -44.718±/-0.085 χ^2 /NDF: 0.0/0

Left In: -50.244±/-0.026 χ^2 /NDF:27249.9/8

-48.183±/-0.024 χ^2 /NDF: 23187.1/10

-49.775±/-0.025 χ^2 /NDF: 31108.1/9

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 25.854 $\pm$ 0.385 χ^2 /NDF: 0.8/1

Left Out: 24.116 $\pm$ 0.188 χ^2 /NDF: 25.5/8

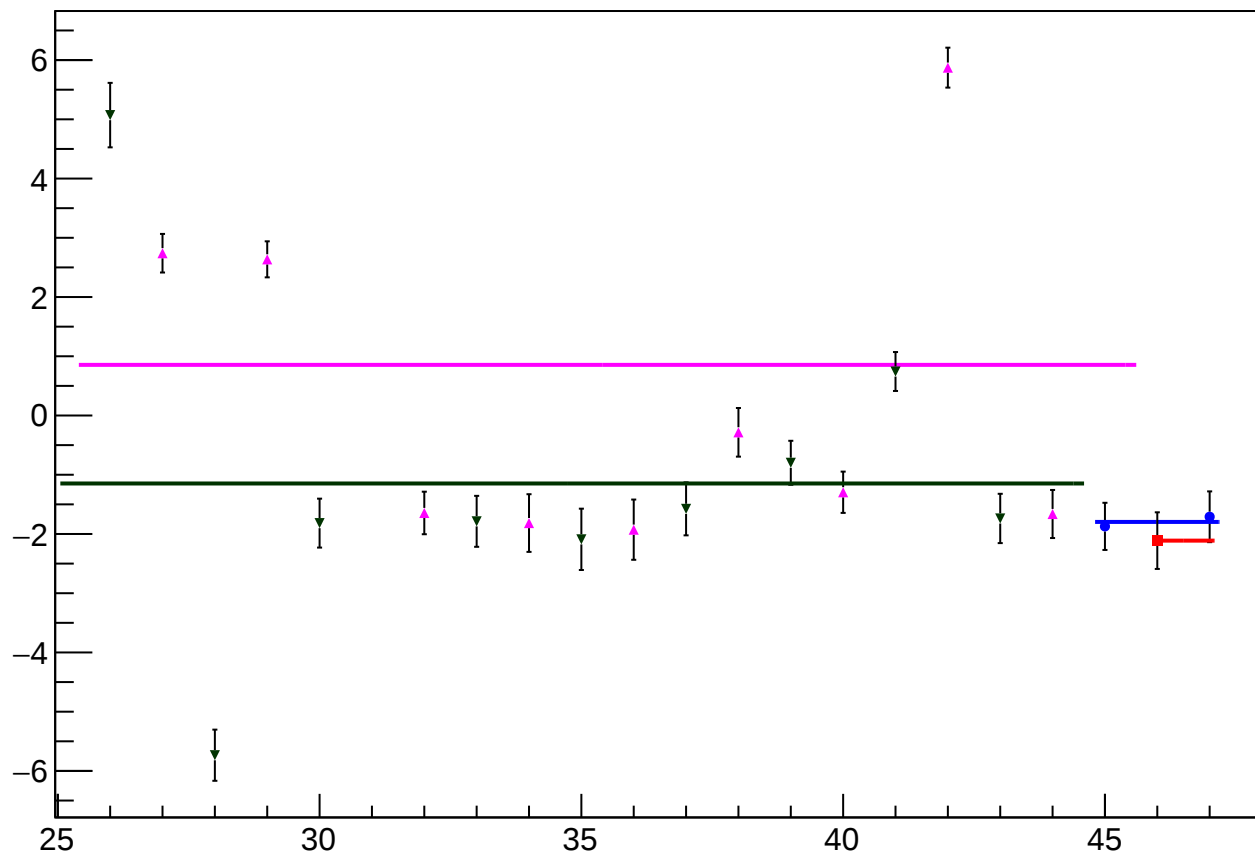
Right Out: 25.588 $\pm$ 0.651 χ^2 /NDF: 0.0/0

Left In: 24.007 $\pm$ 0.169 χ^2 /NDF: 52.5/8

24.451 $\pm$ 0.169 χ^2 /NDF: 42.8/10

24.107 $\pm$ 0.164 χ^2 /NDF: 58.0/9

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.797 ± 0.292 $\chi^2/\text{NDF: } 0.1/1$

Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF: } 288.4/8$

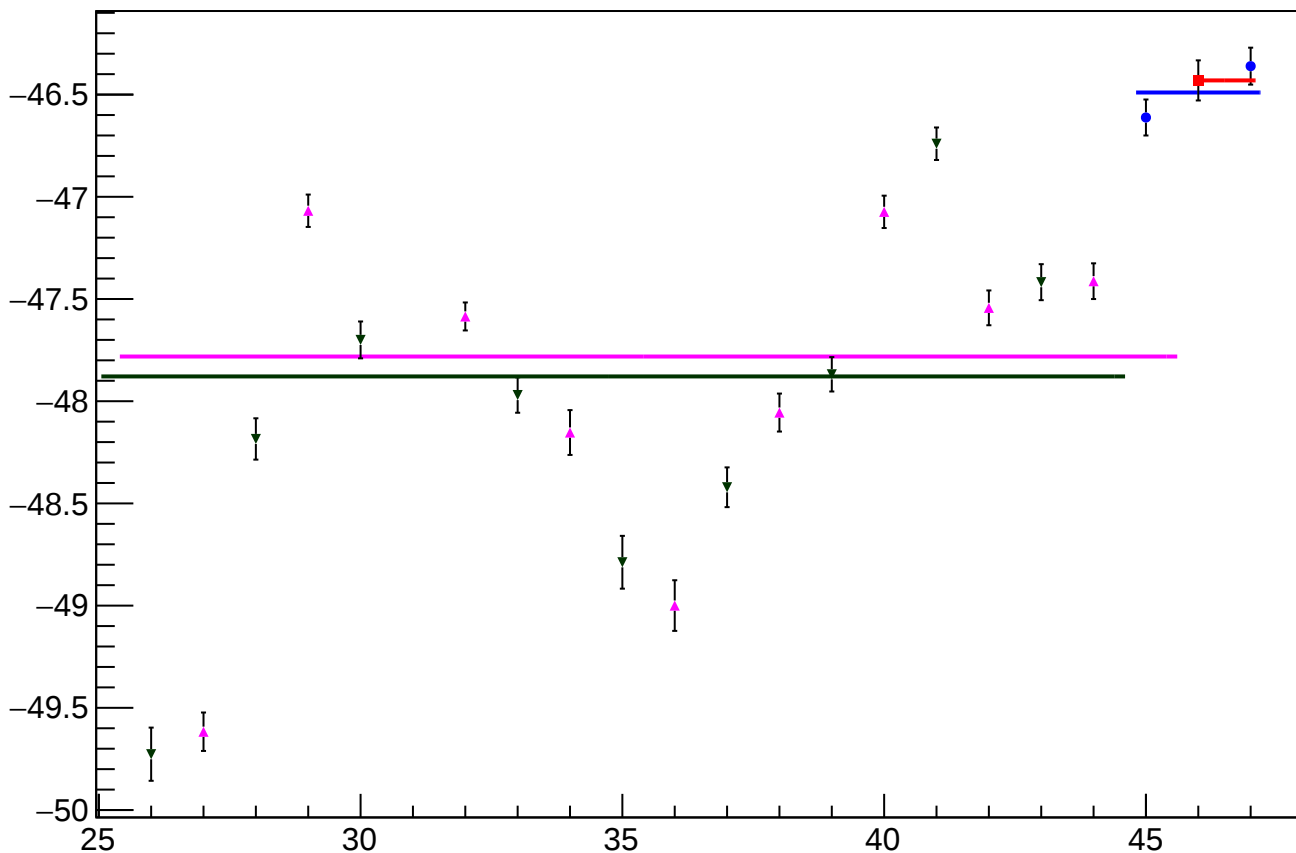
Right Out: -2.112 ± 0.478 $\chi^2/\text{NDF: } 0.0/0$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF: } 482.1/8$

-1.269 ± 0.126 $\chi^2/\text{NDF: } 292.5/10$

0.668 ± 0.120 $\chi^2/\text{NDF: } 518.2/9$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -46.490+/-0.063 χ^2/NDF : 4.0/1

Left Out: -47.879+/-0.032 χ^2/NDF : 529.0/8

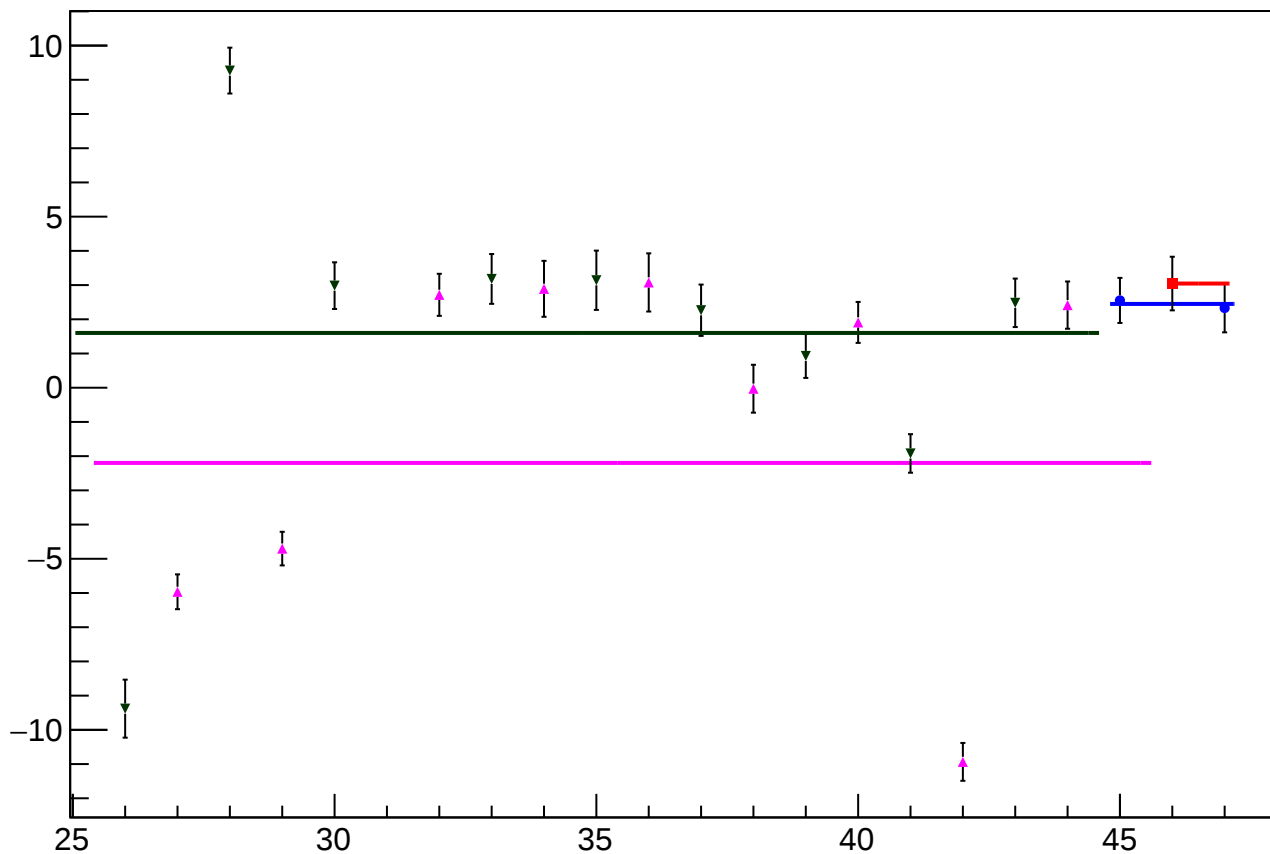
Right Out: -46.431+/-0.098 χ^2/NDF : 0.0/0

Left In: -47.781+/-0.029 χ^2/NDF : 692.9/8

-47.601+/-0.028 χ^2/NDF : 921.3/10

-47.672+/-0.028 χ^2/NDF : 867.1/9

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 2.449+/-0.483 χ^2/NDF : 0.1/1

Left Out: 1.601+/-0.233 χ^2/NDF : 353.2/8

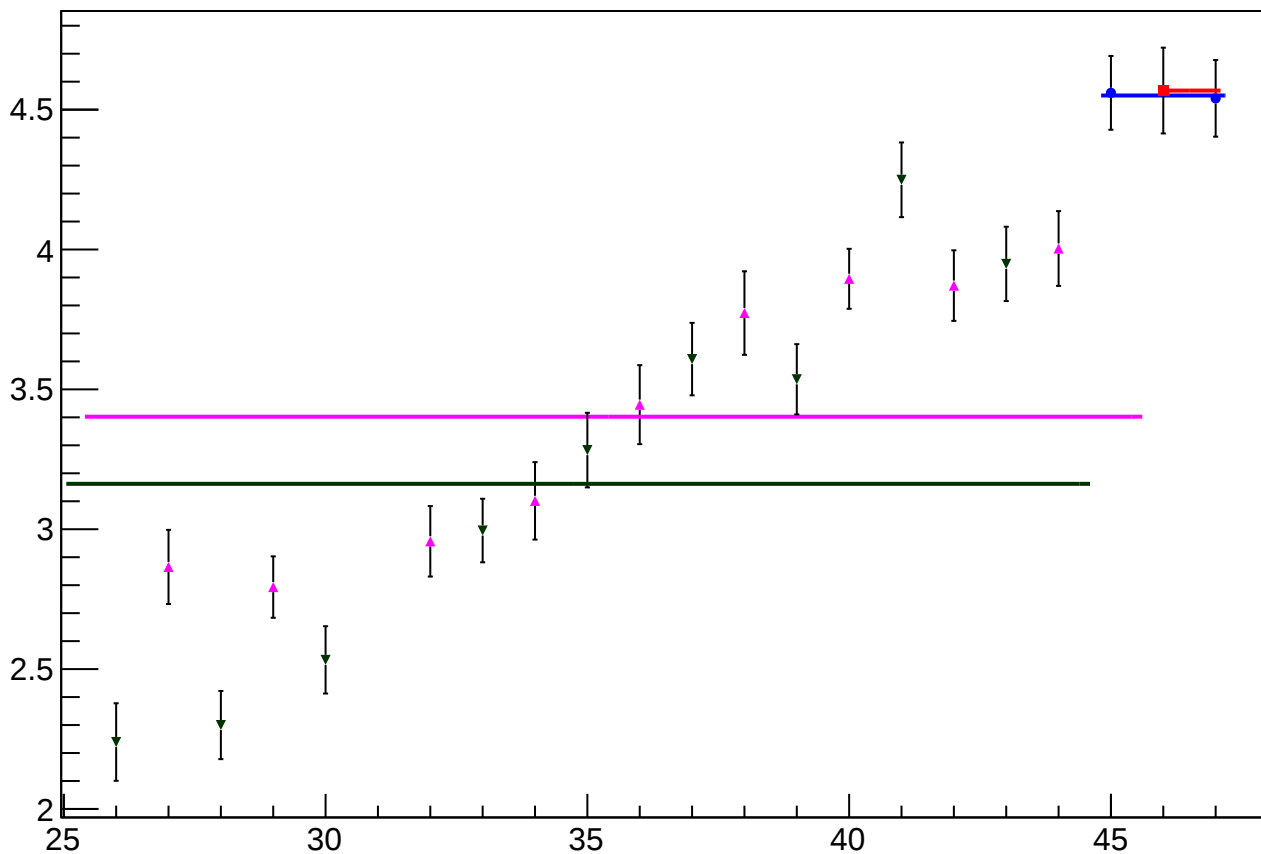
Right Out: 3.045+/-0.784 χ^2/NDF : 0.0/0

Left In: -2.198+/-0.205 χ^2/NDF : 572.6/8

1.762+/-0.210 χ^2/NDF : 355.7/10

-1.861+/-0.199 χ^2/NDF : 614.5/9

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 4.551 $\pm$ 0.095 χ^2 /NDF: 0.0/1

Left Out: 3.162 $\pm$ 0.042 χ^2 /NDF:246.8/8

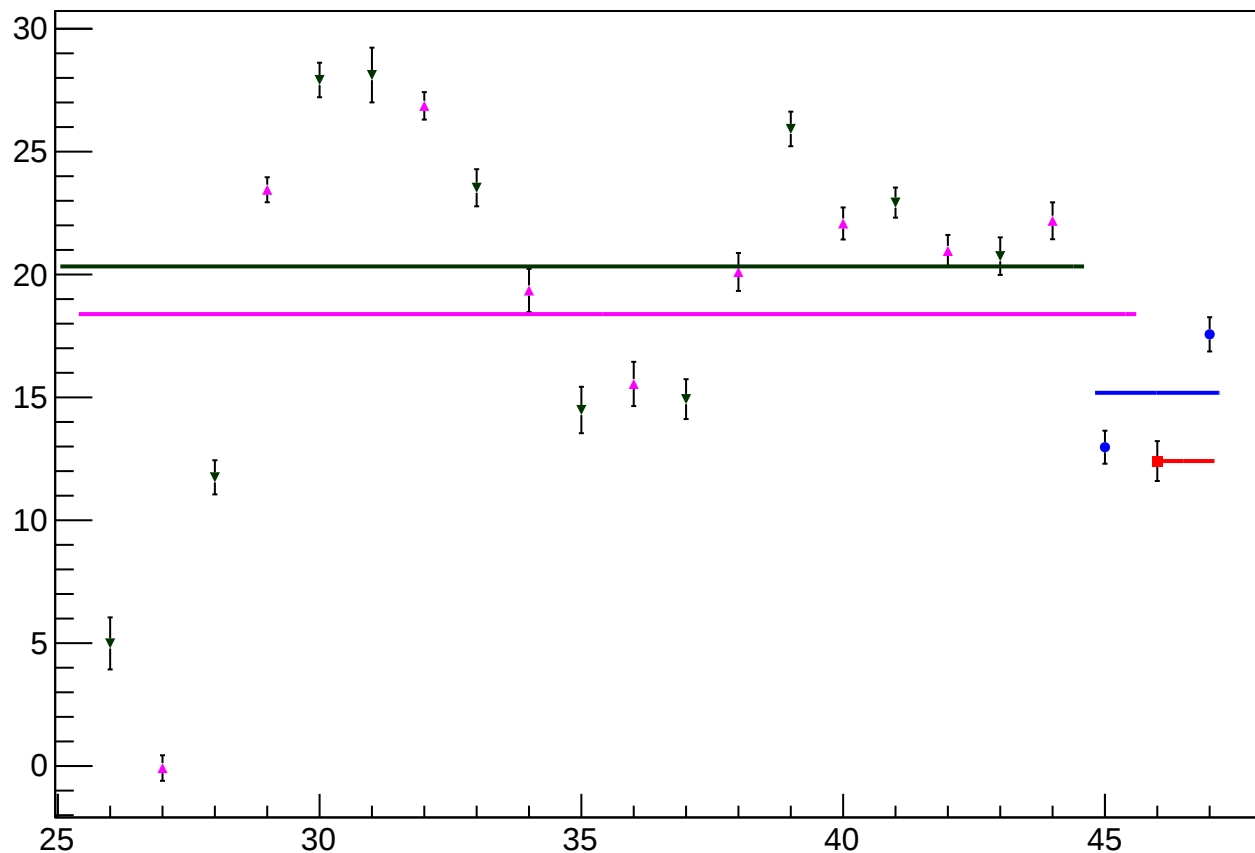
Right Out: 4.568 $\pm$ 0.153 χ^2 /NDF: 0.0/0

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF:125.8/8

3.392 $\pm$ 0.039 χ^2 /NDF: 425.0/10

3.485 $\pm$ 0.041 χ^2 /NDF: 179.5/9

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 15.187 $\pm$ 0.484 χ^2/NDF : 22.5/1

Left Out: 20.329 $\pm$ 0.246 χ^2/NDF : 709.7/9

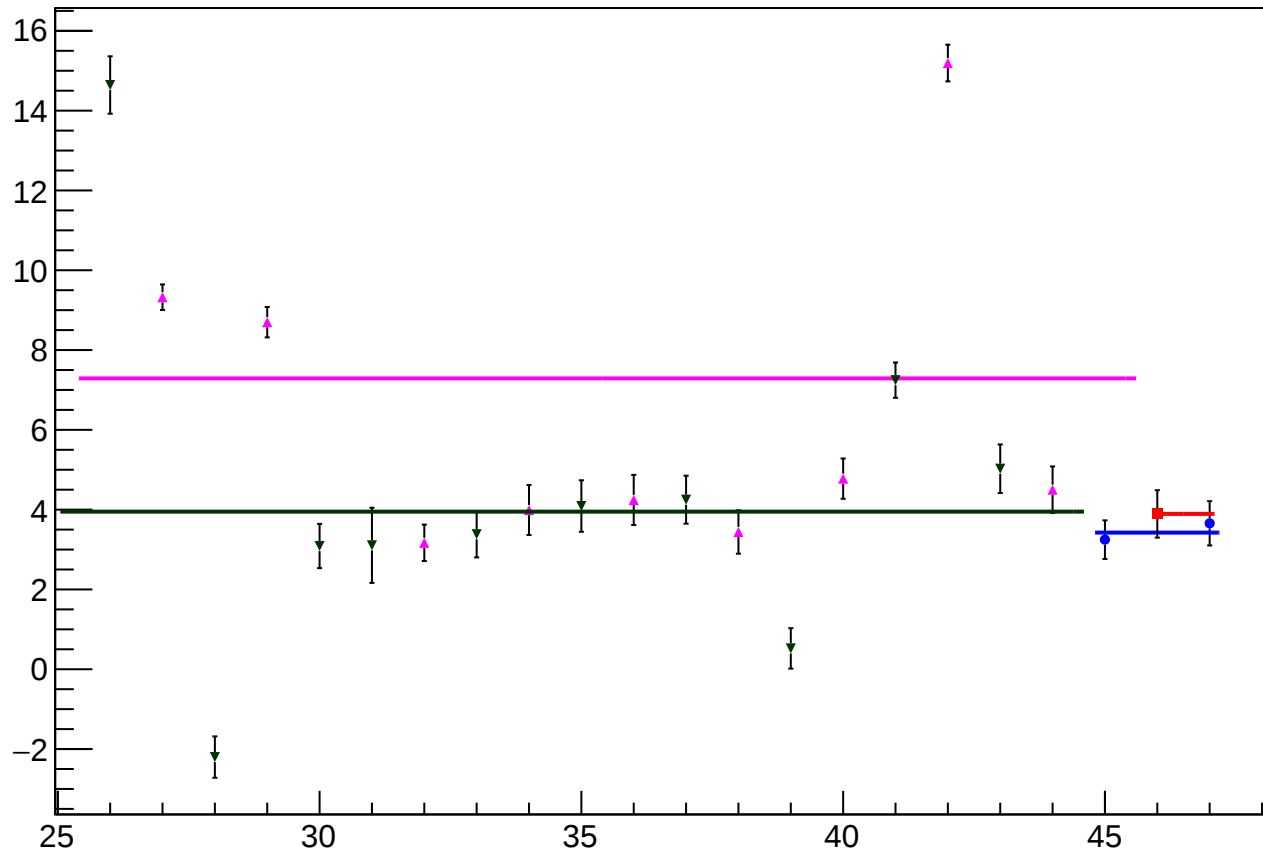
Right Out: 12.410 $\pm$ 0.810 χ^2/NDF : 0.0/0

Left In: 18.390 $\pm$ 0.216 χ^2/NDF : 1685.1/8

19.275 $\pm$ 0.219 χ^2/NDF : 822.1/11

17.994 $\pm$ 0.209 χ^2/NDF : 1735.9/9

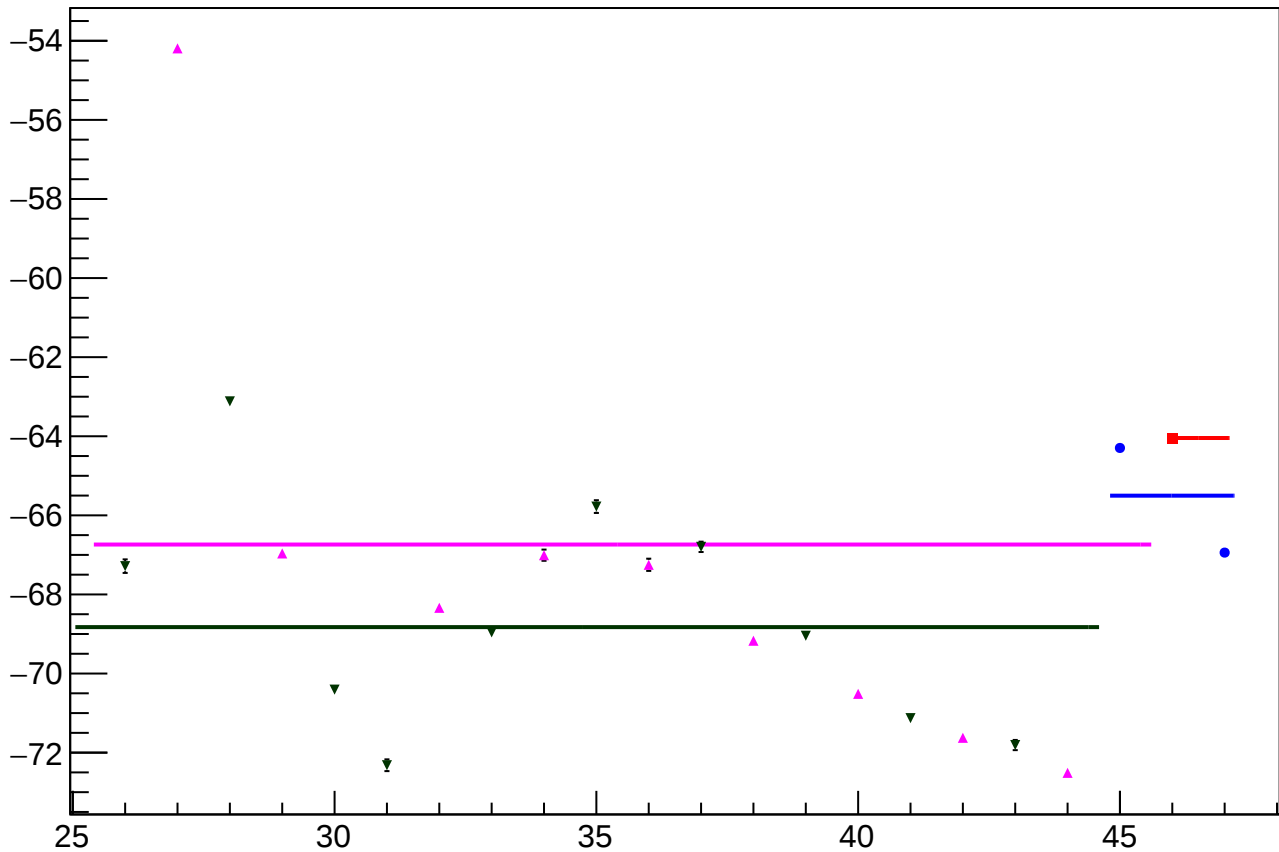
reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.425 ± 0.365 χ^2/NDF : 0.3/1
 Left Out: 3.950 ± 0.183 χ^2/NDF : 470.4/9
 Right Out: 3.893 ± 0.595 χ^2/NDF : 0.0/0
 Left In: 7.289 ± 0.155 χ^2/NDF : 579.9/8

3.844 ± 0.164 χ^2/NDF : 472.4/11
 7.073 ± 0.150 χ^2/NDF : 610.5/9

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -65.502+/-0.079 χ^2/NDF : 278.0/1

Left Out: -68.826+/-0.041 χ^2/NDF : 4587.0/9

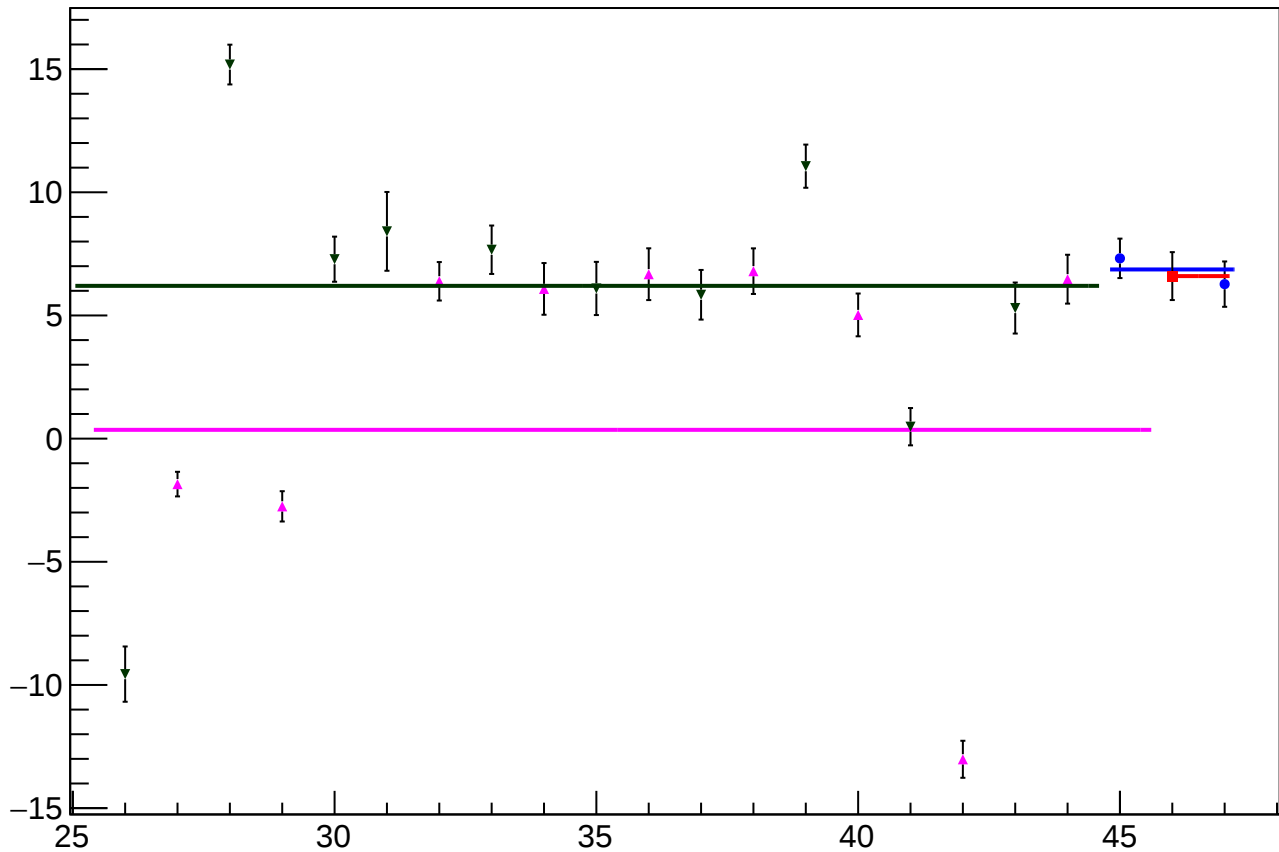
Right Out: -64.044+/-0.122 χ^2/NDF : 0.0/0

Left In: -66.738+/-0.037 χ^2/NDF : 23839.7/8

-68.132+/-0.036 χ^2/NDF : 6263.9/11

-66.510+/-0.036 χ^2/NDF : 24282.6/9

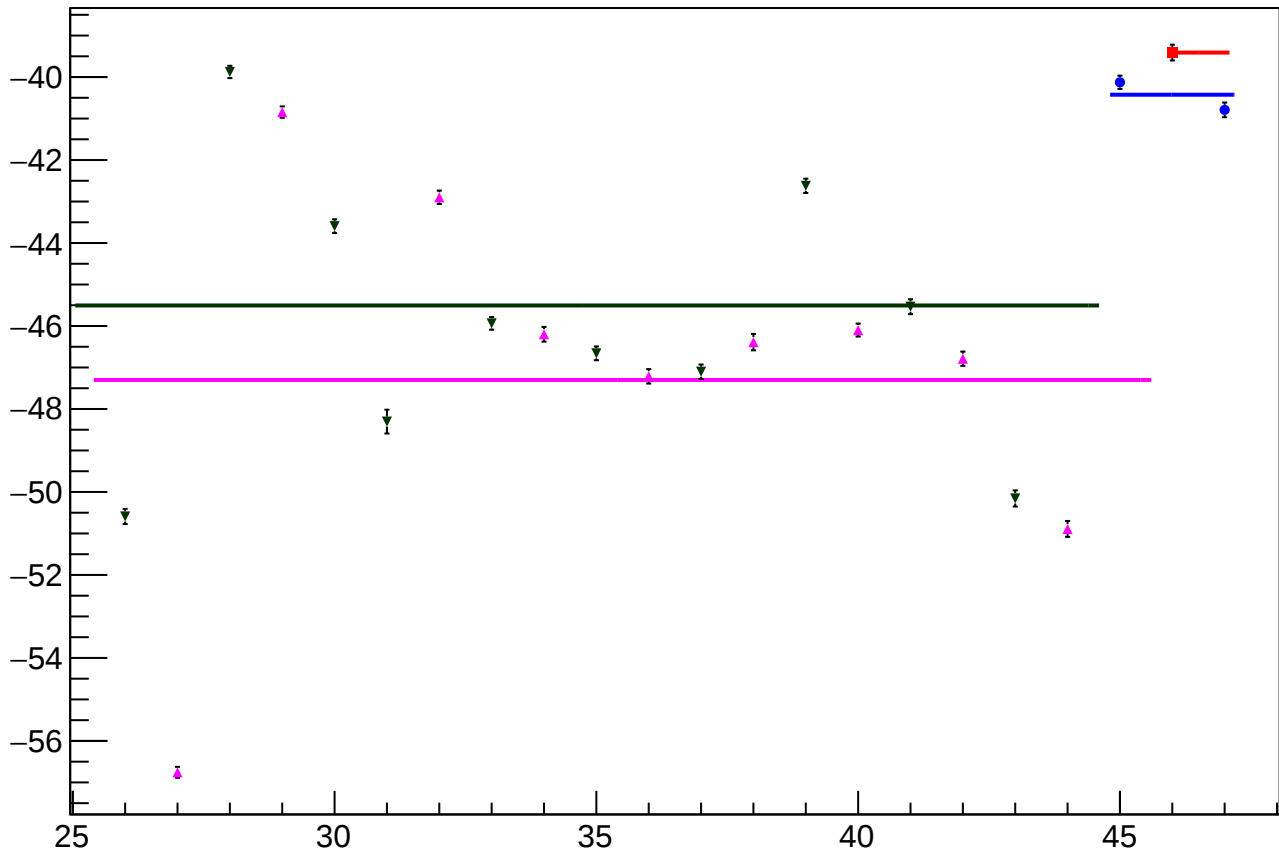
reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 6.867 $\pm$ 0.604 χ^2 /NDF: 0.7/1
 Left Out: 6.202 $\pm$ 0.305 χ^2 /NDF: 415.4/9
 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

6.337 $\pm$ 0.272 χ^2 /NDF: 417.1/11
 0.758 $\pm$ 0.247 χ^2 /NDF: 641.0/9

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -40.426+/-0.119 χ^2/NDF : 7.7/1

Left Out: -45.505+/-0.055 χ^2/NDF :3423.9/9

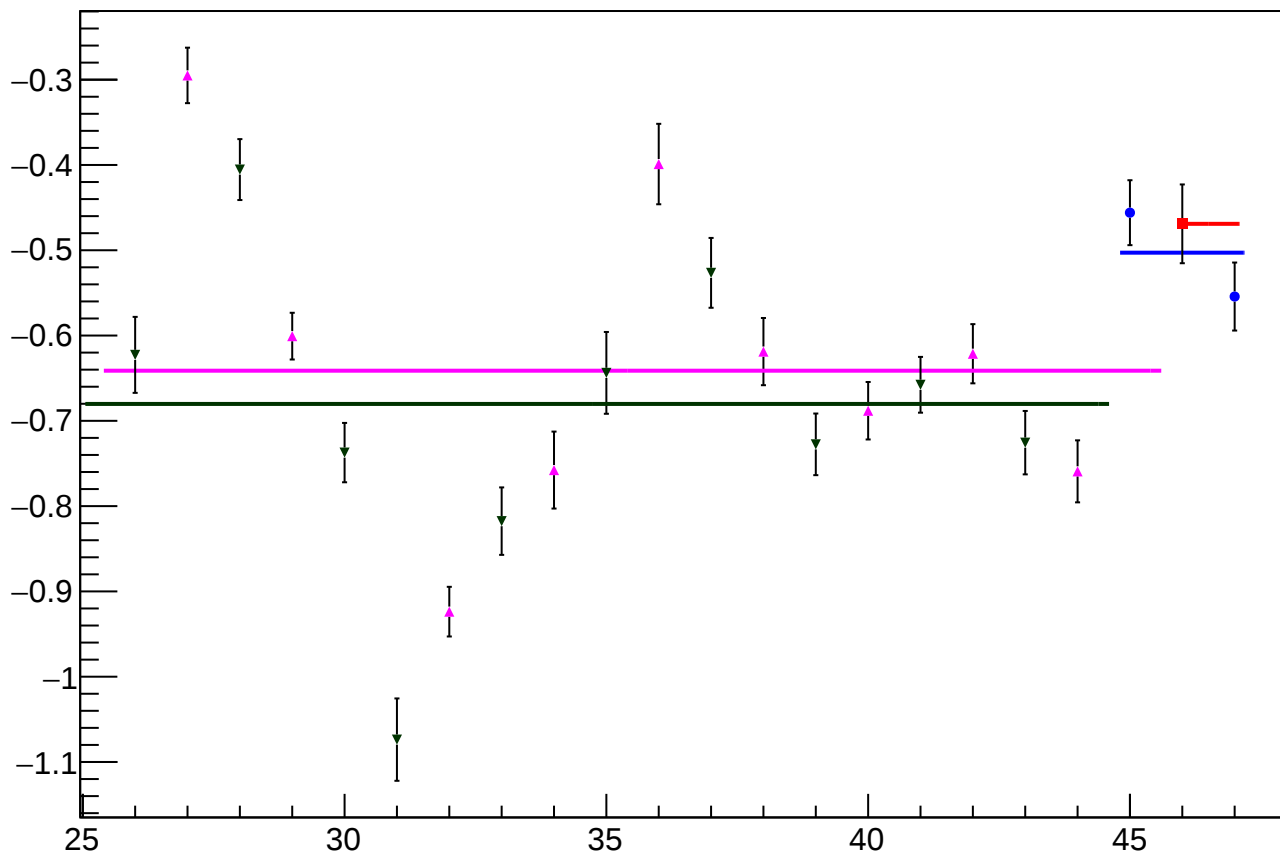
-44.601+/-0.050 χ^2/NDF : 4930.1/11

Right Out: -39.410+/-0.191 χ^2/NDF : 0.0/0

-46.711+/-0.052 χ^2/NDF : 10137.0/9

Left In: -47.301+/-0.054 χ^2/NDF :8552.3/8

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.503+/-0.028 χ^2/NDF : 3.2/1

Left Out: -0.680+/-0.012 χ^2/NDF : 160.4/9

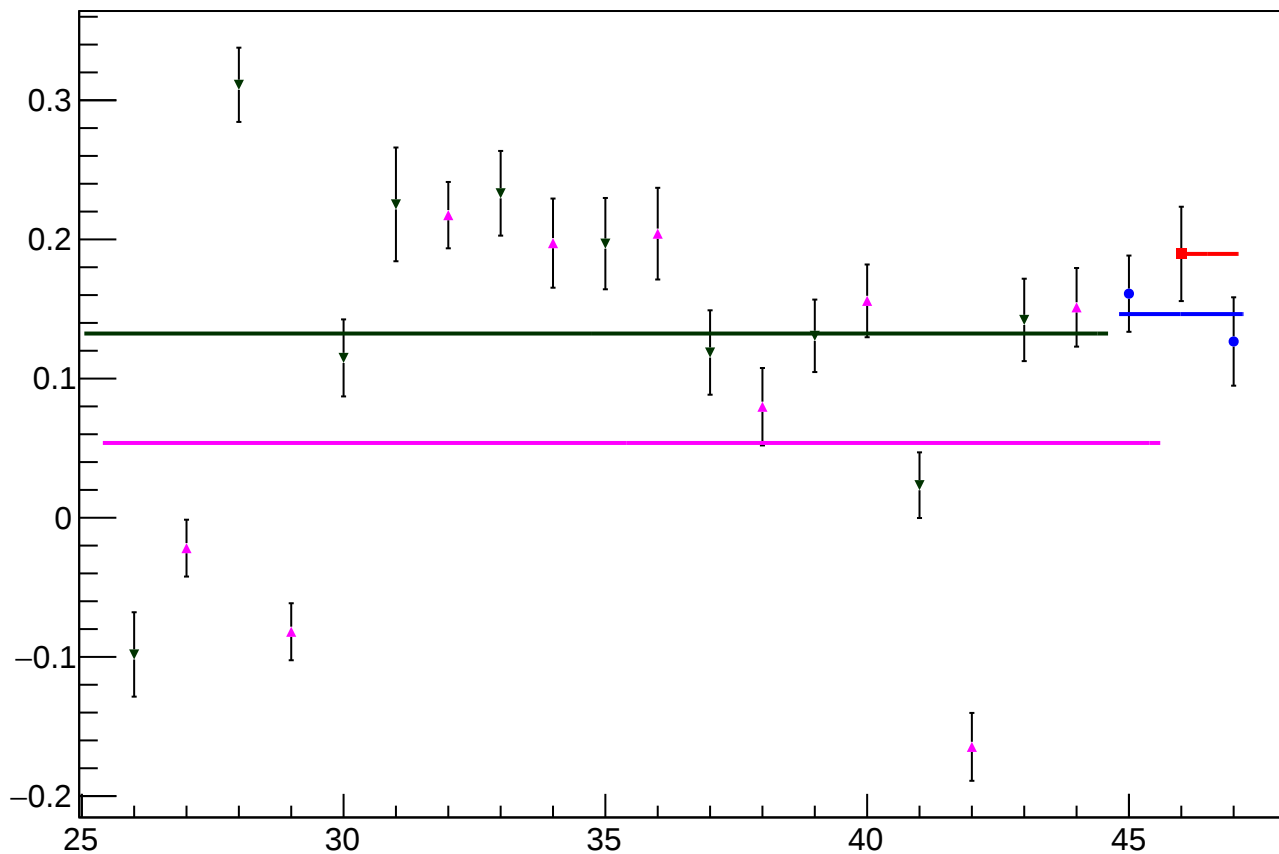
Right Out: -0.469+/-0.046 χ^2/NDF : 0.0/0

Left In: -0.641+/-0.012 χ^2/NDF : 255.8/8

-0.651+/-0.011 χ^2/NDF : 198.2/11

-0.631+/-0.011 χ^2/NDF : 268.9/9

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.146 $\pm$ 0.021 χ^2 /NDF: 0.7/1

Left Out: 0.132 $\pm$ 0.009 χ^2 /NDF:144.8/9

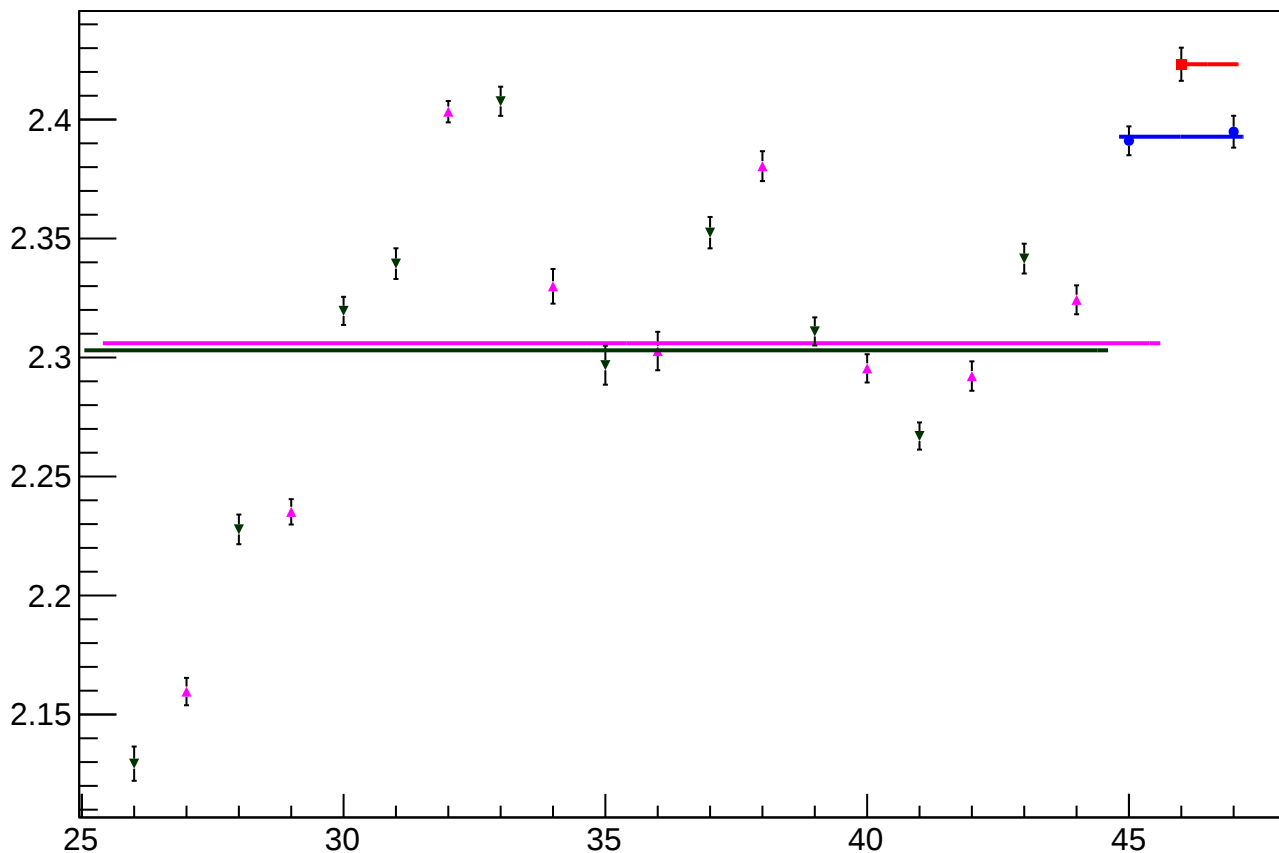
Right Out: 0.190 $\pm$ 0.034 χ^2 /NDF: 0.0/0

Left In: 0.054 $\pm$ 0.008 χ^2 /NDF:253.9/8

0.135 $\pm$ 0.008 χ^2 /NDF: 145.8/11

0.062 $\pm$ 0.008 χ^2 /NDF: 269.0/9

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.393 ± 0.004 χ^2/NDF : 0.2/1

Left Out: 2.303 ± 0.002 χ^2/NDF : 1196.0/9

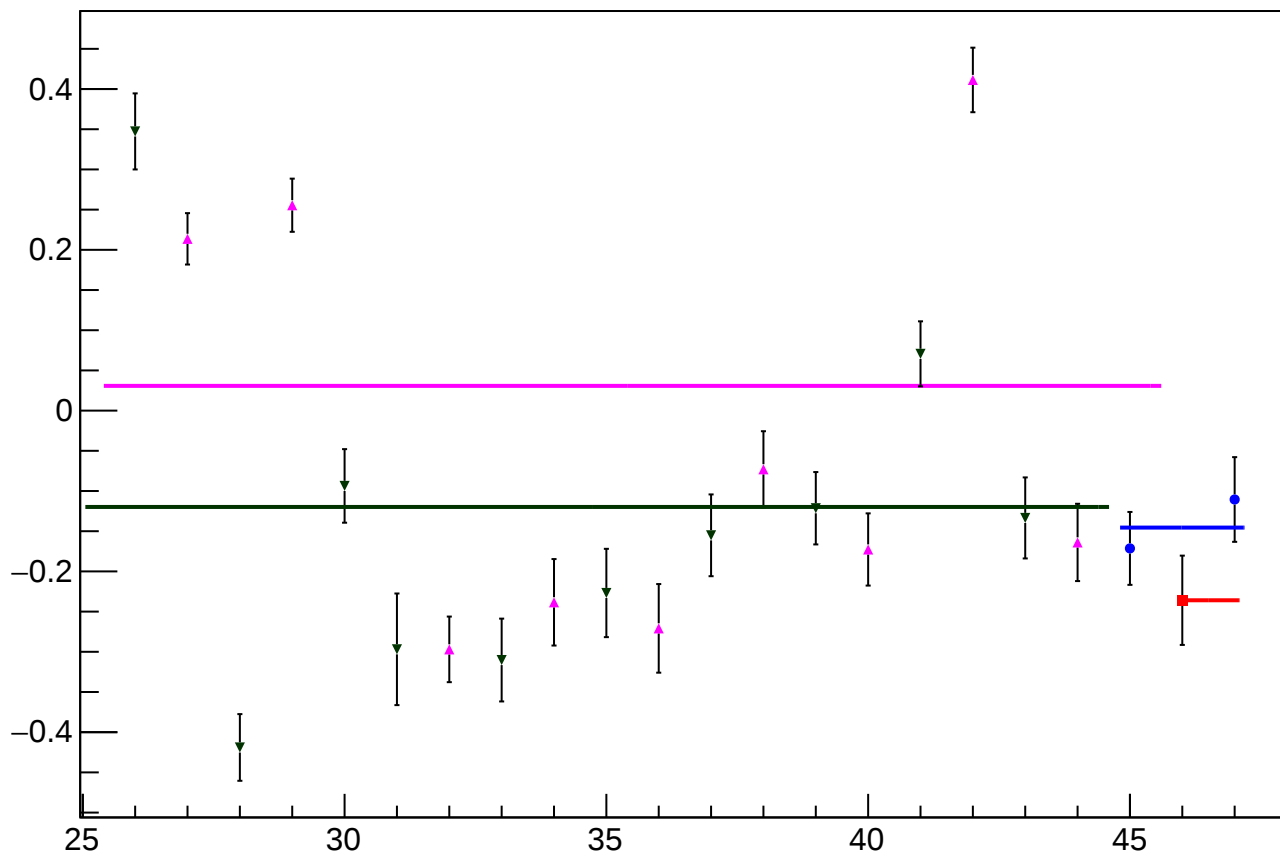
Right Out: 2.423 ± 0.007 χ^2/NDF : 0.0/0

Left In: 2.306 ± 0.002 χ^2/NDF : 1460.1/8

2.318 ± 0.002 χ^2/NDF : 1528.6/11

2.315 ± 0.002 χ^2/NDF : 1722.2/9

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.145 ± 0.034 $\chi^2/\text{NDF}: 0.8/1$

Left Out: -0.120 ± 0.015 $\chi^2/\text{NDF}: 196.6/9$

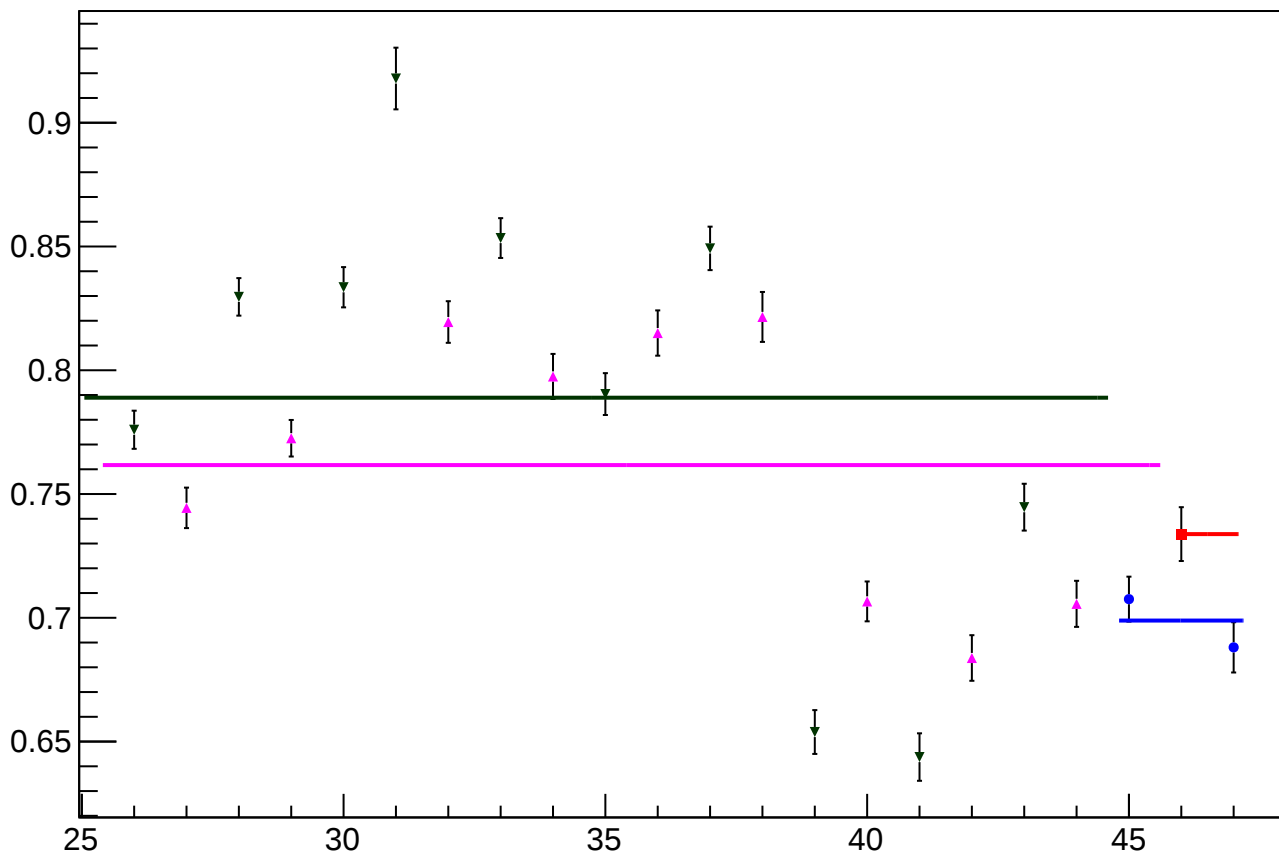
Right Out: -0.236 ± 0.056 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.031 ± 0.014 $\chi^2/\text{NDF}: 330.1/8$

-0.124 ± 0.014 $\chi^2/\text{NDF}: 197.8/11$

0.015 ± 0.013 $\chi^2/\text{NDF}: 351.8/9$

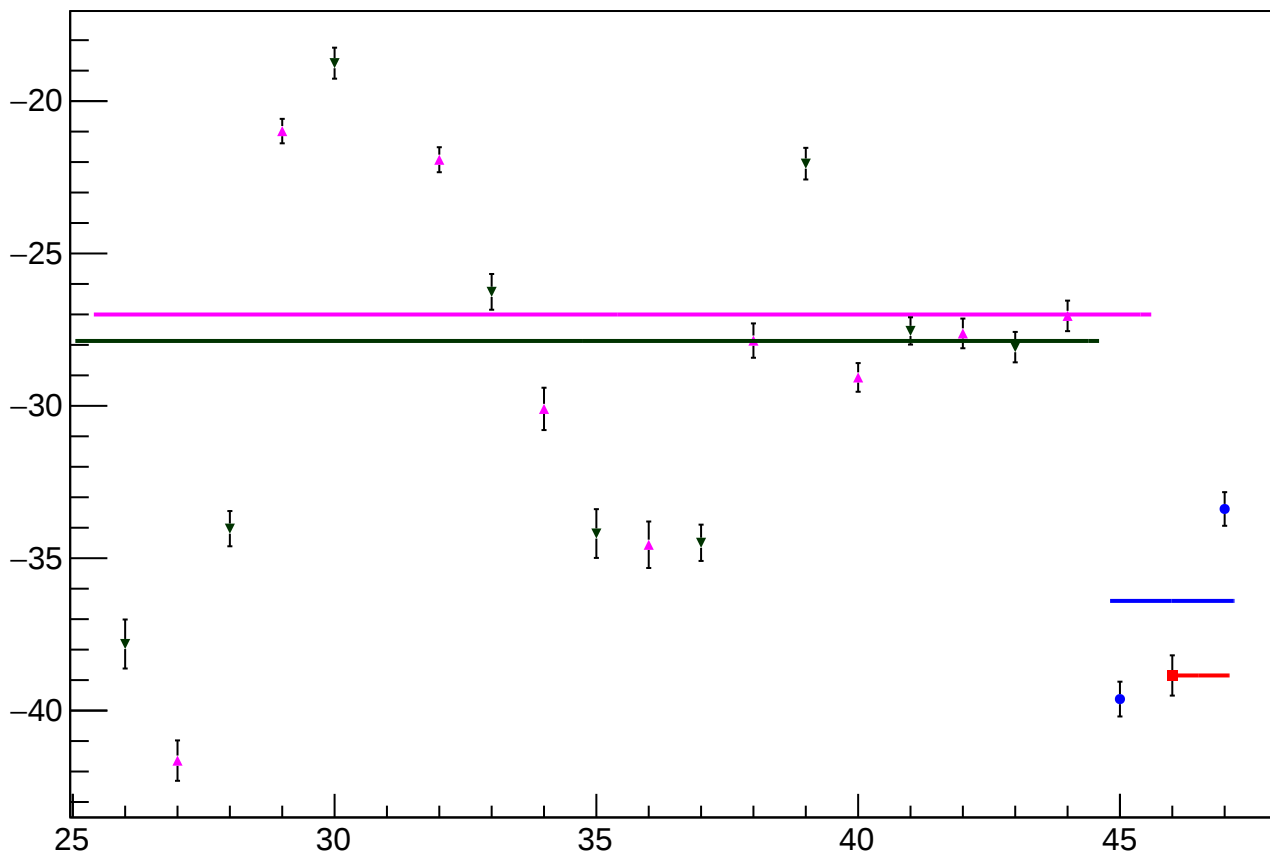
reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.699 $\pm$ 0.007 χ^2/NDF : 2.0/1
 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

0.776 $\pm$ 0.003 χ^2/NDF : 918.4/11
 0.760 $\pm$ 0.003 χ^2/NDF : 299.3/9

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -36.401 $\pm$ 0.397 χ^2/NDF : 61.7/1

Left Out: -27.871 $\pm$ 0.188 χ^2/NDF : 907.3/8

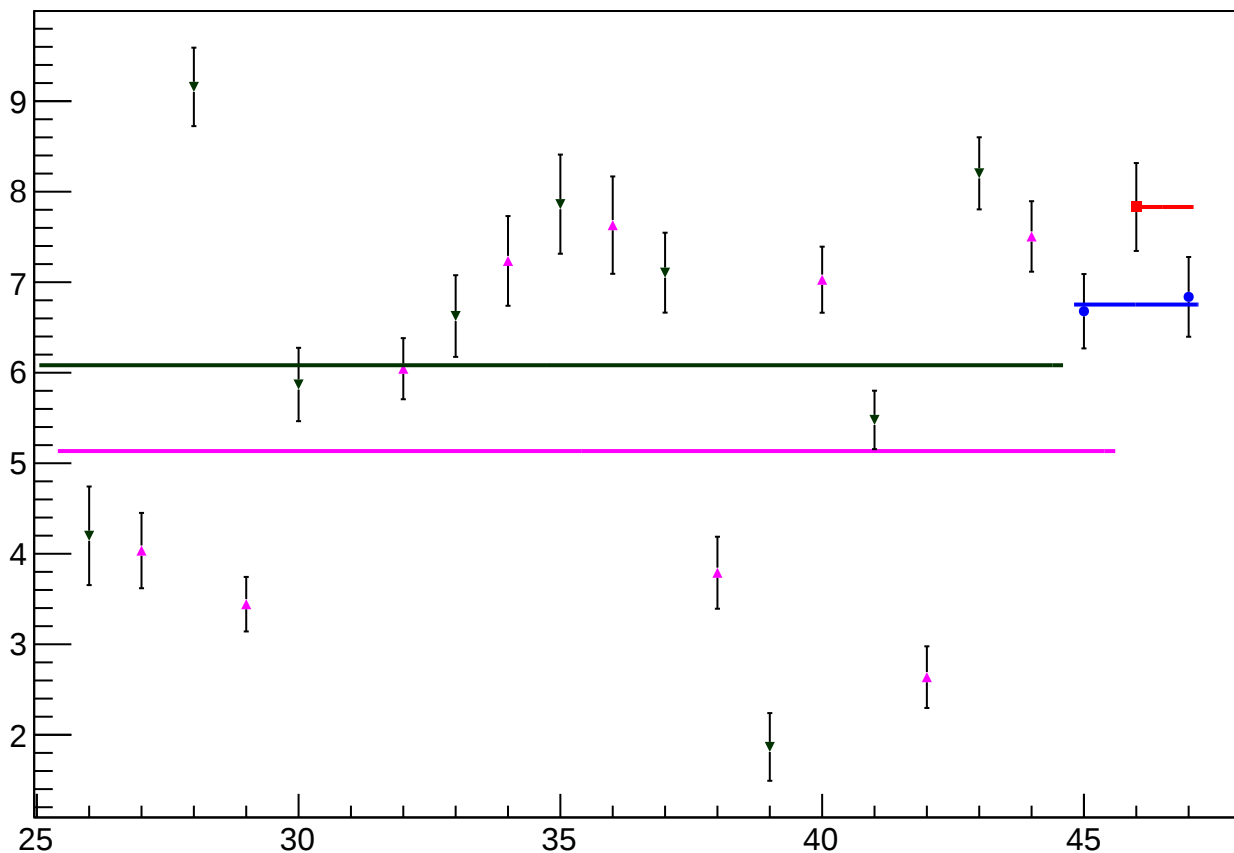
Right Out: -38.848 $\pm$ 0.661 χ^2/NDF : 0.0/0

Left In: -27.003 $\pm$ 0.171 χ^2/NDF : 1007.7/8

-29.429 $\pm$ 0.170 χ^2/NDF : 1346.6/10

-27.749 $\pm$ 0.166 χ^2/NDF : 1309.1/9

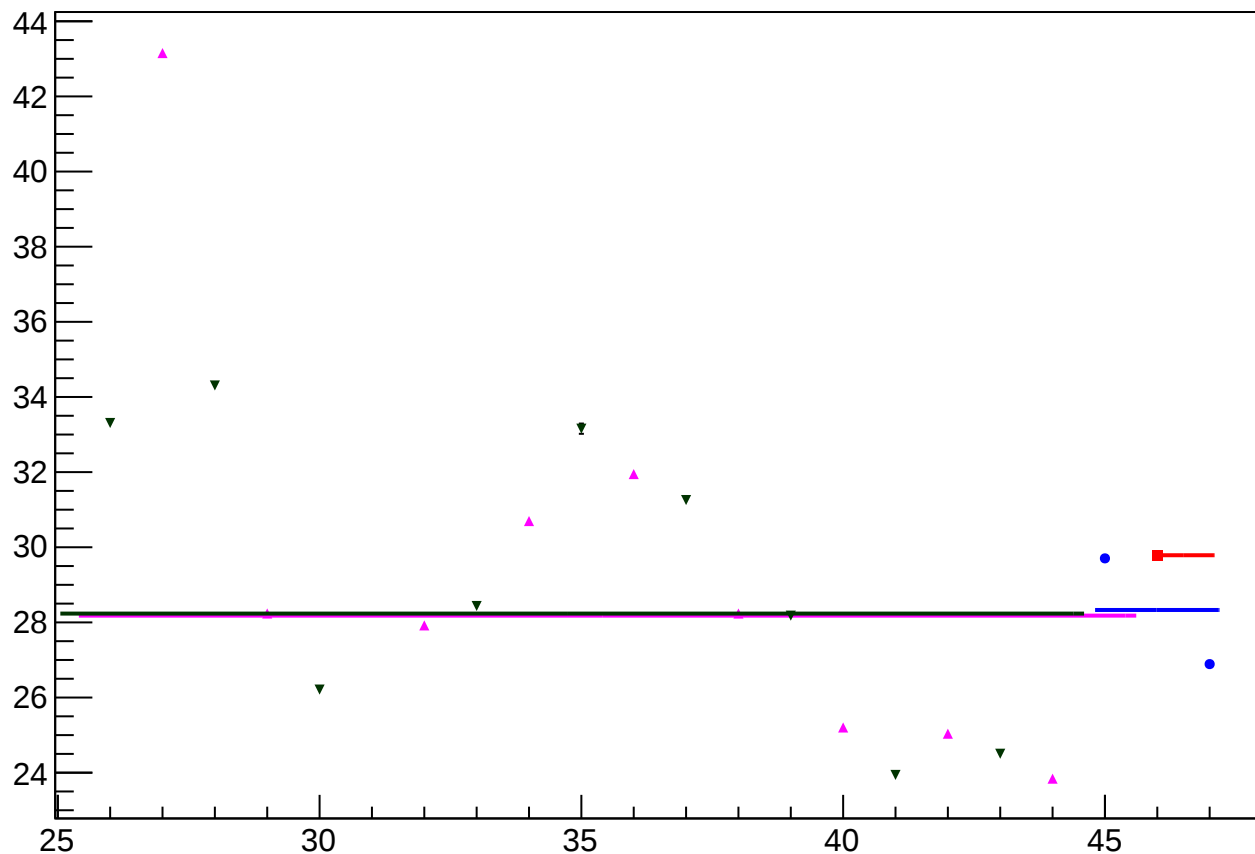
reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.753 $\pm$ 0.300 χ^2 /NDF: 0.1/1
 Left Out: 6.083 $\pm$ 0.140 χ^2 /NDF:238.9/8
 Right Out: 7.831 $\pm$ 0.486 χ^2 /NDF: 0.0/0
 Left In: 5.135 $\pm$ 0.127 χ^2 /NDF:214.5/8

6.202 $\pm$ 0.127 χ^2 /NDF: 243.1/10
 5.307 $\pm$ 0.123 χ^2 /NDF: 243.4/9

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 28.331+/-0.065 χ^2/NDF : 469.9/1

Left Out: 28.235+/-0.031 χ^2/NDF : 12988.2/8

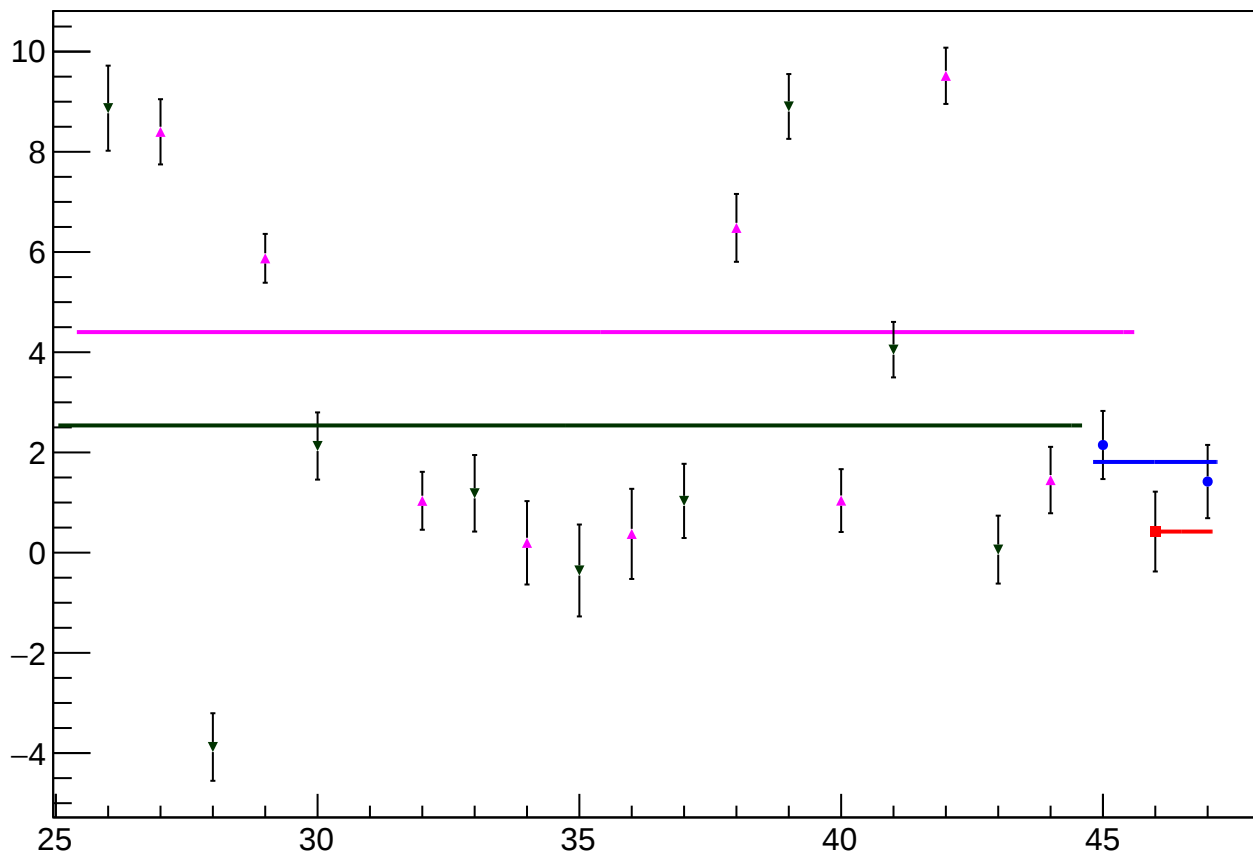
Right Out: 29.788+/-0.099 χ^2/NDF : 0.0/0

Left In: 28.180+/-0.029 χ^2/NDF : 23006.5/8

28.253+/-0.028 χ^2/NDF : 13459.9/10

28.309+/-0.028 χ^2/NDF : 23247.1/9

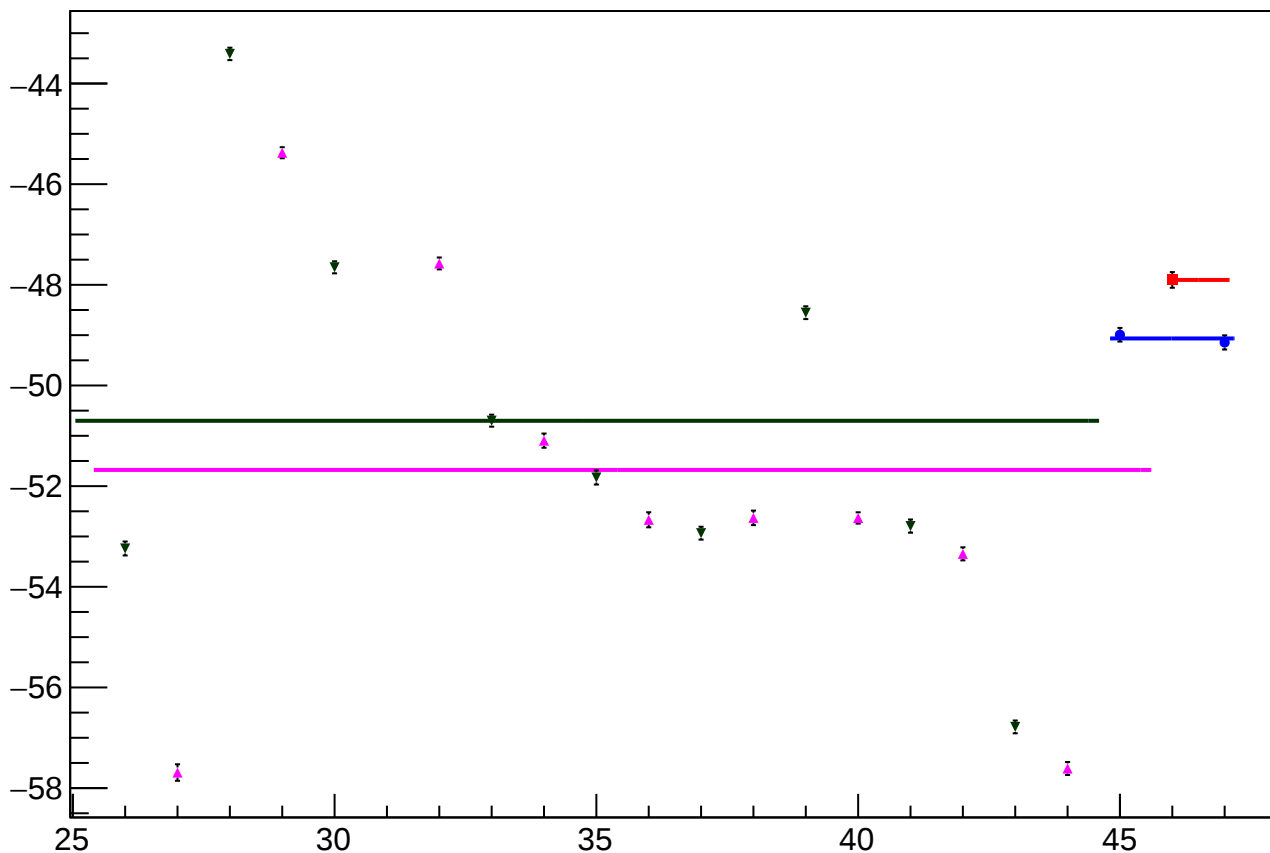
reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 1.810 $\pm$ 0.498 χ^2 /NDF: 0.5/1
 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

2.407 $\pm$ 0.211 χ^2 /NDF: 283.9/10
 4.140 $\pm$ 0.204 χ^2 /NDF: 290.7/9

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -49.065 $\pm$ 0.098 χ^2 /NDF: 0.6/1

Left Out: -50.702 $\pm$ 0.043 χ^2 /NDF: 7639.1/8

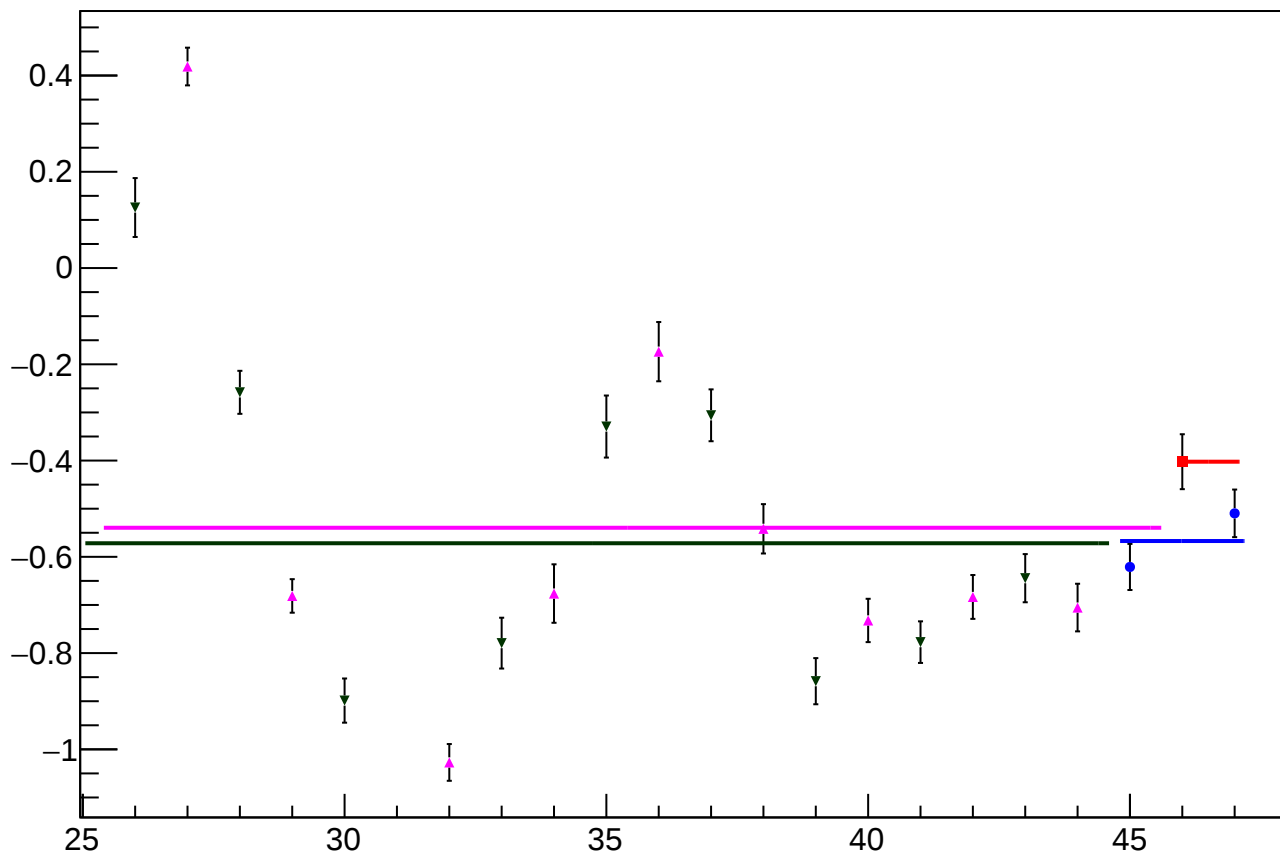
-50.440 $\pm$ 0.039 χ^2 /NDF: 7874.5/10

Right Out: -47.903 $\pm$ 0.156 χ^2 /NDF: 0.0/0

-51.407 $\pm$ 0.042 χ^2 /NDF: 8856.6/9

Left In: -51.678 $\pm$ 0.043 χ^2 /NDF: 8312.3/8

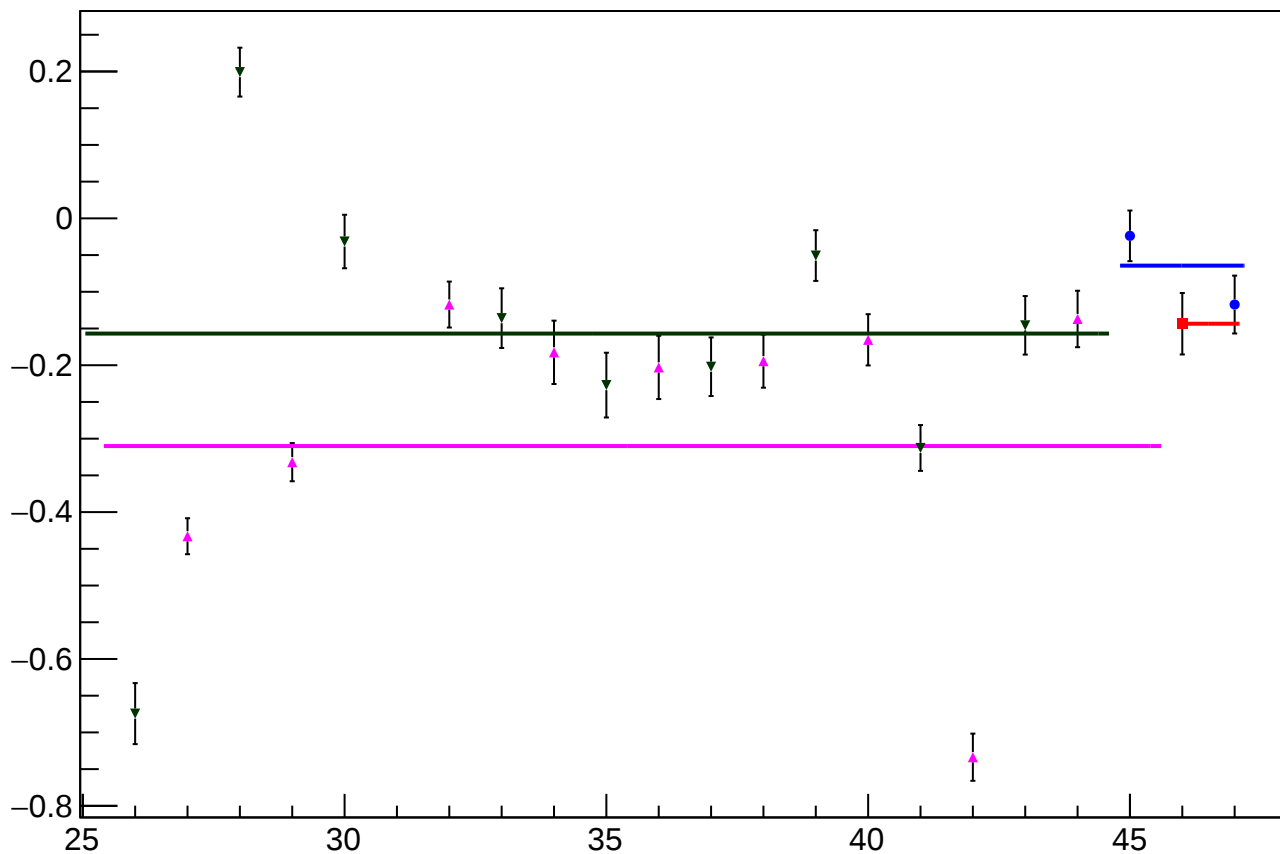
reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.567 ± 0.034 $\chi^2/\text{NDF}: 2.6/1$
 Left Out: -0.572 ± 0.017 $\chi^2/\text{NDF}: 344.3/8$
 Right Out: -0.402 ± 0.057 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.540 ± 0.015 $\chi^2/\text{NDF}: 857.8/8$

-0.571 ± 0.015 $\chi^2/\text{NDF}: 346.9/10$
 -0.531 ± 0.014 $\chi^2/\text{NDF}: 863.2/9$

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.064 ± 0.026 χ^2/NDF : 3.2/1

Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

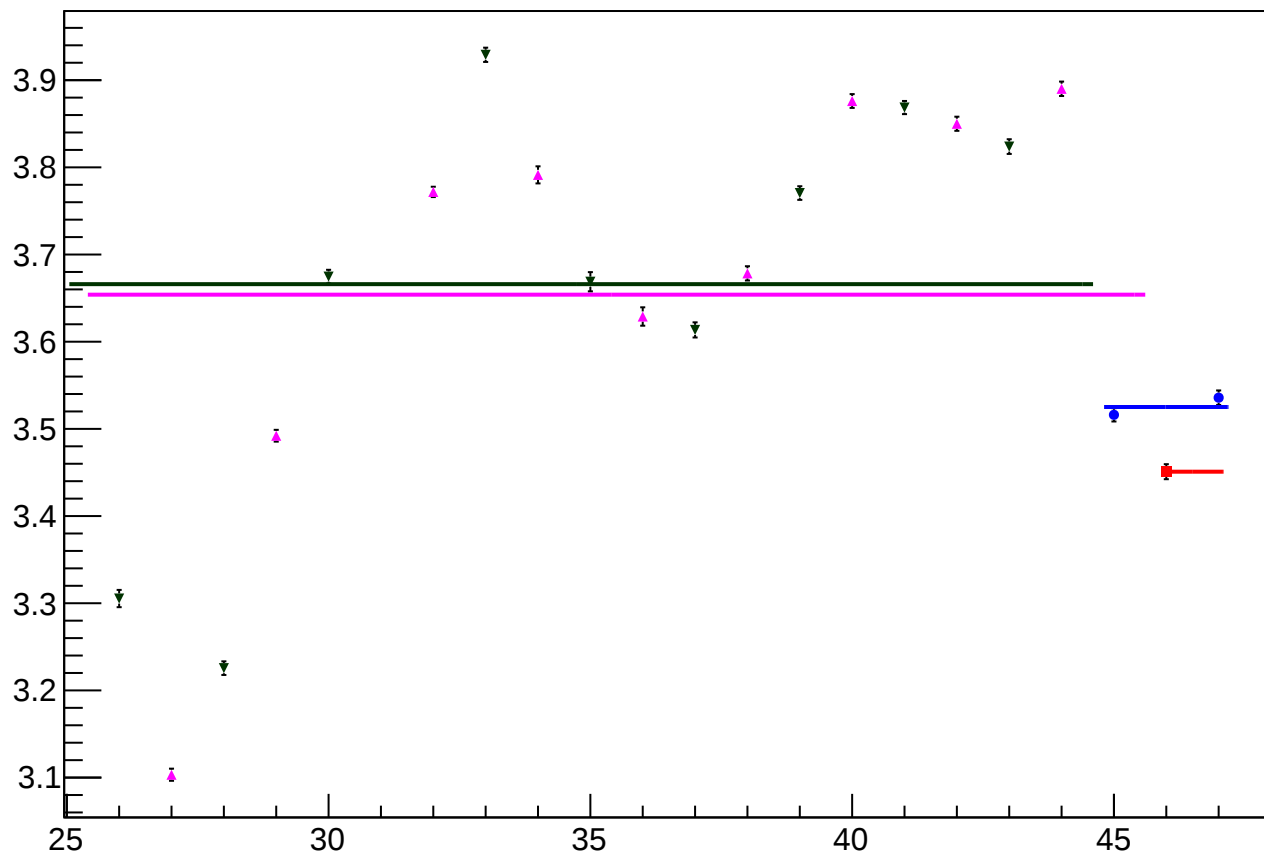
Right Out: -0.143 ± 0.042 χ^2/NDF : 0.0/0

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.140 ± 0.011 χ^2/NDF : 333.4/10

-0.300 ± 0.011 χ^2/NDF : 315.2/9

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.525+/-0.006 χ^2/NDF : 3.0/1

Left Out: 3.666+/-0.003 χ^2/NDF : 6817.2/8

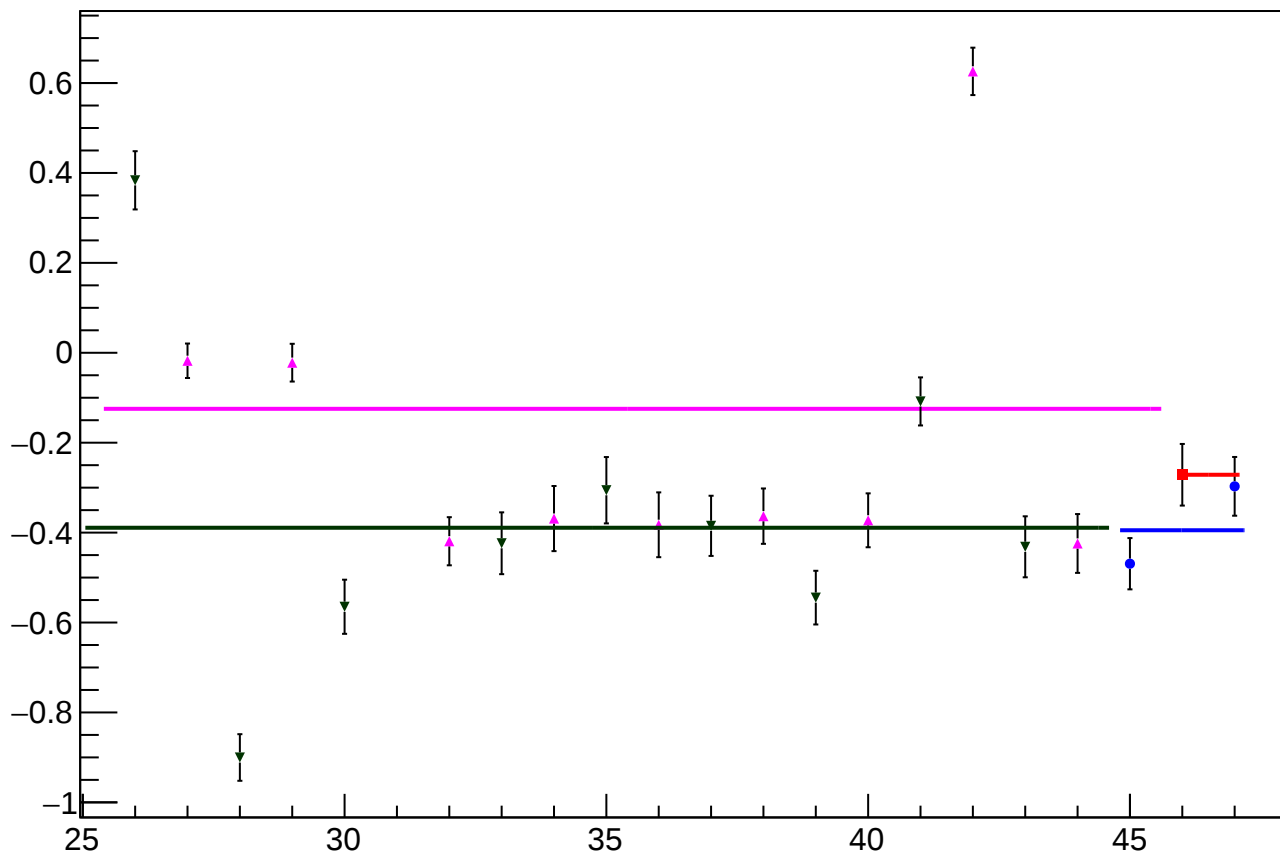
Right Out: 3.451+/-0.009 χ^2/NDF : 0.0/0

Left In: 3.654+/-0.003 χ^2/NDF : 9613.6/8

3.638+/-0.003 χ^2/NDF : 7324.1/10

3.637+/-0.002 χ^2/NDF : 10123.9/9

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.395+/-0.043 χ^2 /NDF: 3.9/1

Left Out: -0.389+/-0.021 χ^2 /NDF:284.2/8

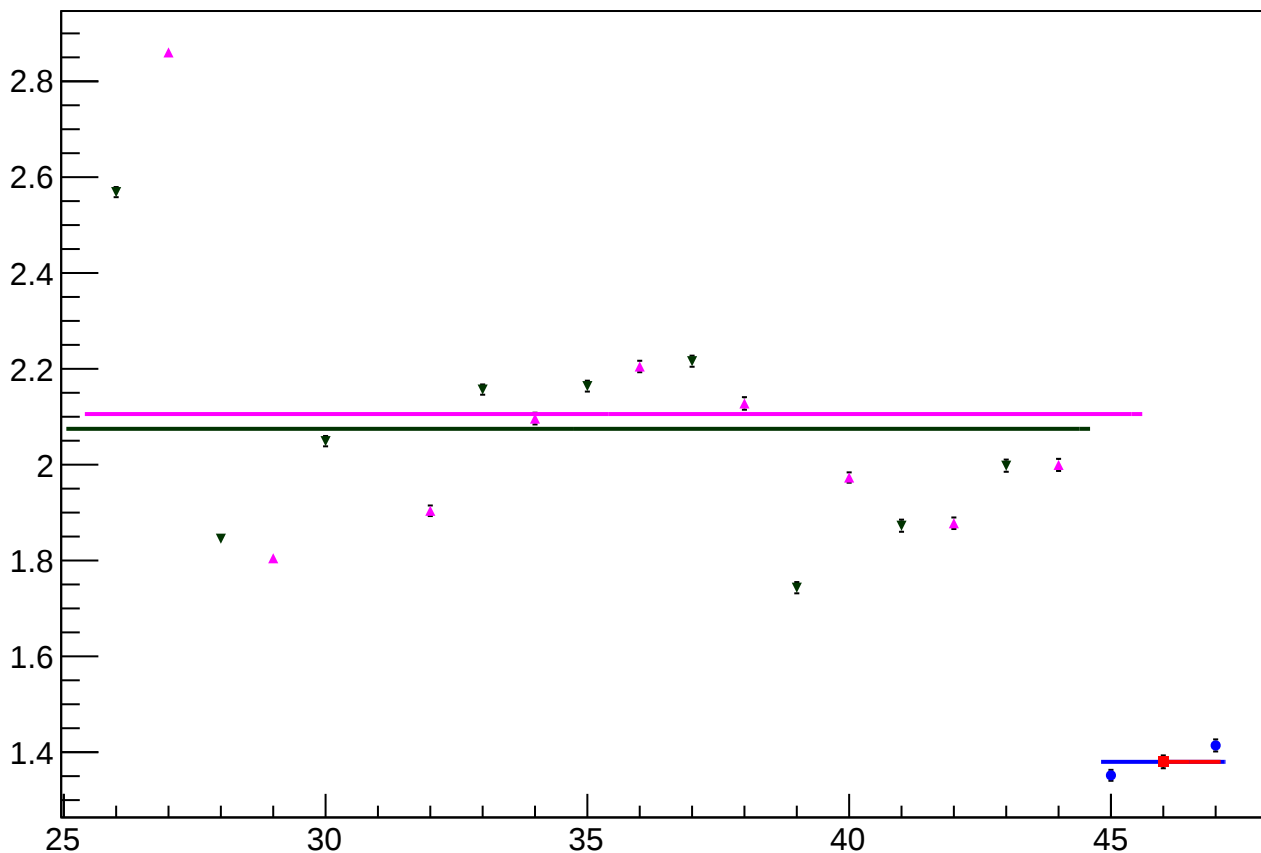
Right Out: -0.271+/-0.069 χ^2 /NDF: 0.0/0

Left In: -0.125+/-0.018 χ^2 /NDF:324.0/8

-0.390+/-0.019 χ^2 /NDF: 288.2/10

-0.134+/-0.017 χ^2 /NDF: 328.3/9

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.380 $\pm$ 0.008 χ^2 /NDF: 13.5/1

Left Out: 2.075 $\pm$ 0.004 χ^2 /NDF: 4111.6/8

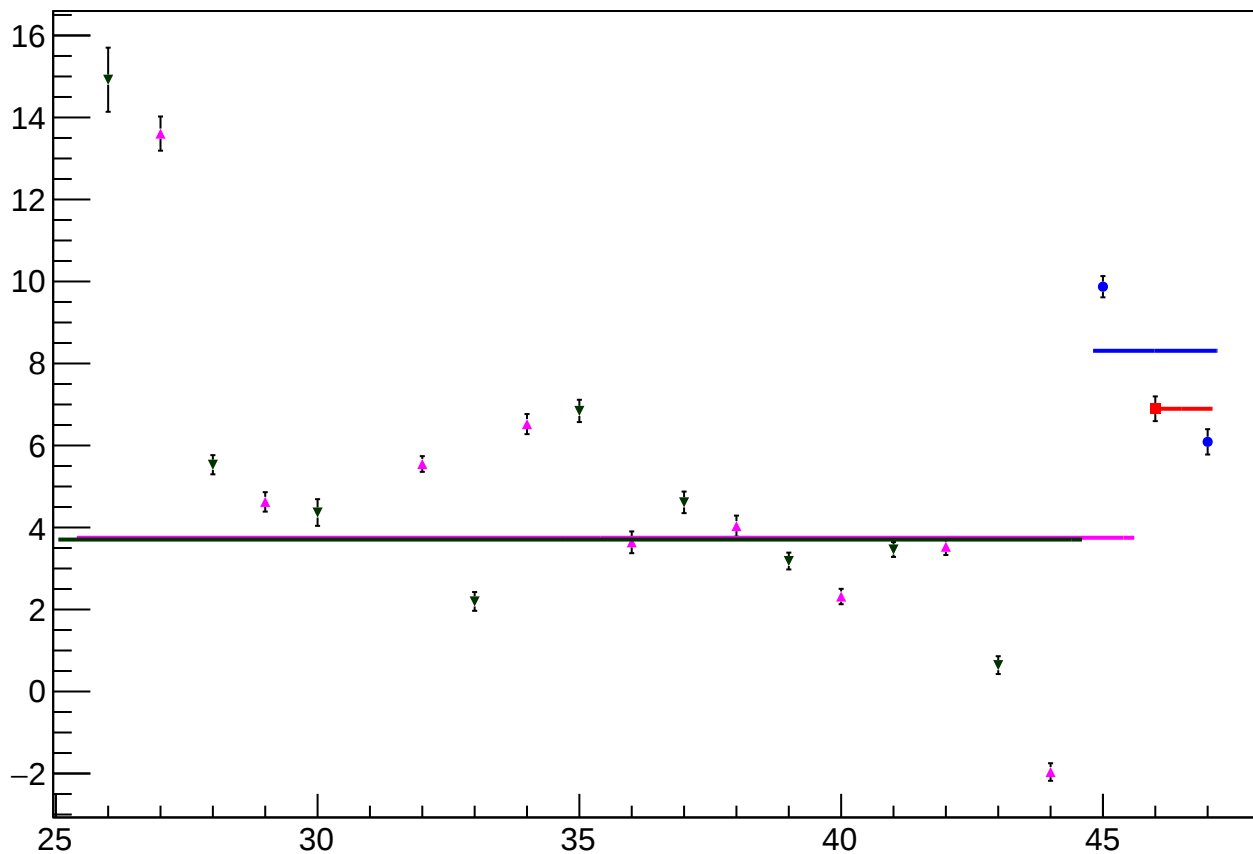
Right Out: 1.380 $\pm$ 0.013 χ^2 /NDF: 0.0/0

Left In: 2.106 $\pm$ 0.004 χ^2 /NDF: 7840.1/8

1.962 $\pm$ 0.003 χ^2 /NDF: 9776.4/10

2.053 $\pm$ 0.004 χ^2 /NDF: 10550.0/9

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.310+/-0.199 χ^2/NDF : 88.0/1

Left Out: 3.706+/-0.081 χ^2/NDF : 665.5/8

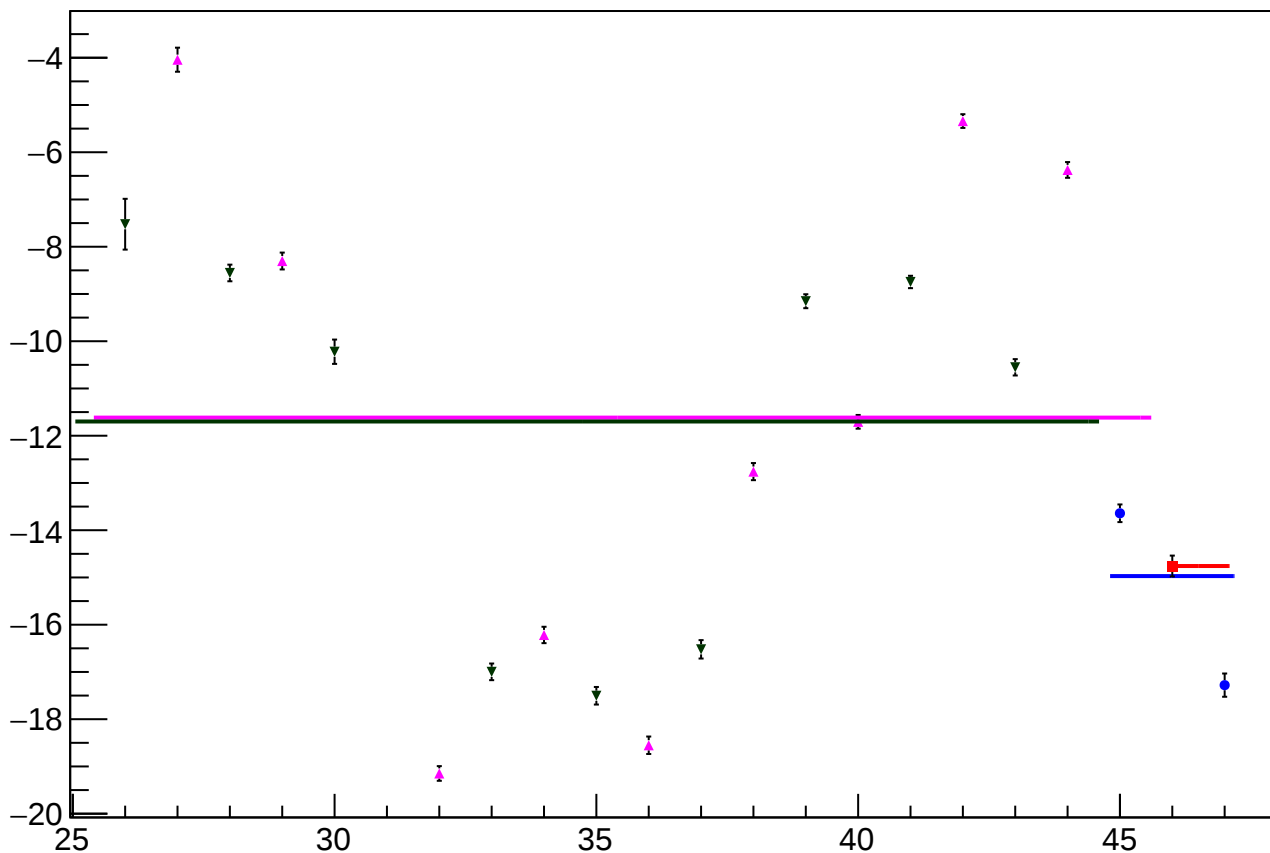
Right Out: 6.896+/-0.301 χ^2/NDF : 0.0/0

Left In: 3.750+/-0.076 χ^2/NDF : 1560.3/8

4.365+/-0.075 χ^2/NDF : 1214.0/10

3.940+/-0.074 χ^2/NDF : 1662.6/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -14.971 ± 0.149 $\chi^2/\text{NDF}: 138.7/1$

Left Out: -11.699 ± 0.060 $\chi^2/\text{NDF}: 3753.7/8$

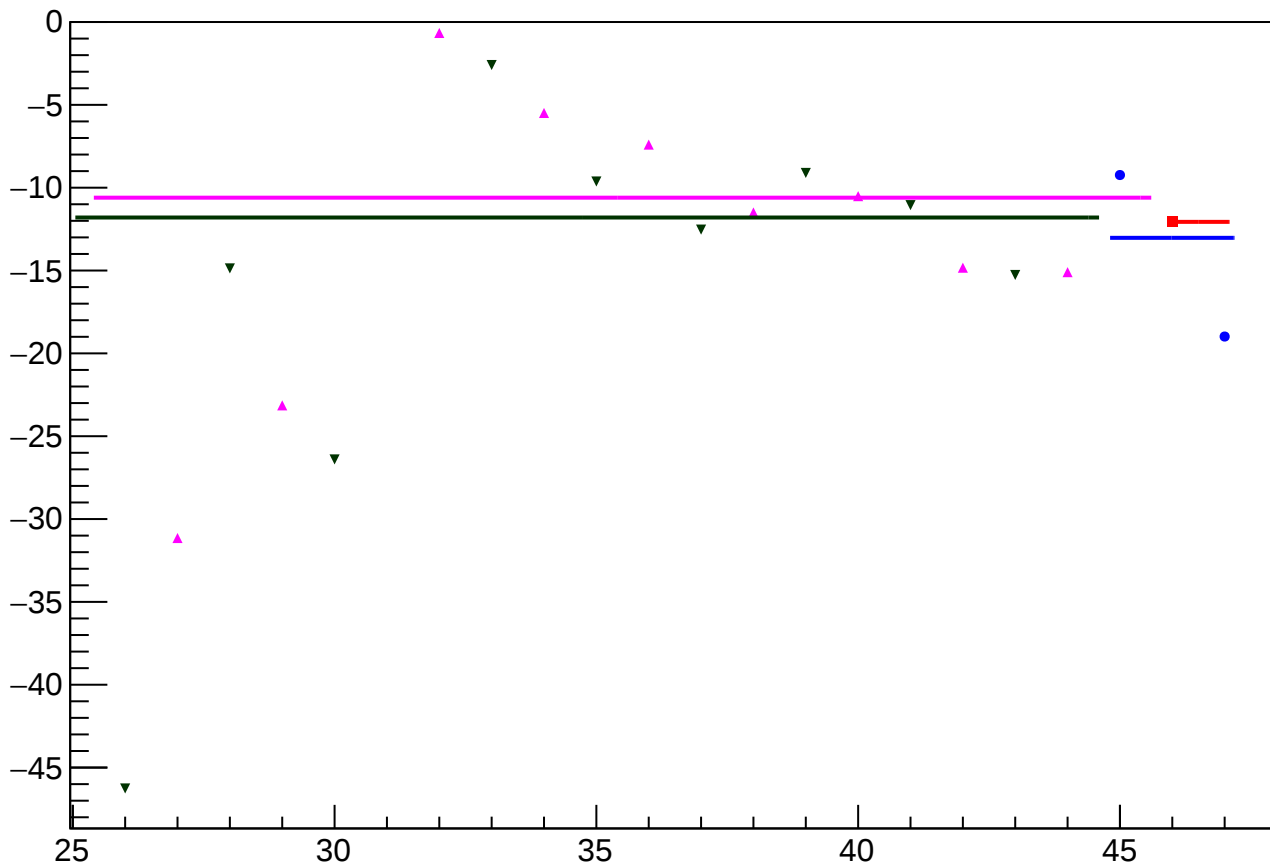
Right Out: -14.758 ± 0.221 $\chi^2/\text{NDF}: 0.0/0$

Left In: -11.617 ± 0.057 $\chi^2/\text{NDF}: 8593.1/8$

-12.159 ± 0.056 $\chi^2/\text{NDF}: 4308.2/10$

-11.810 ± 0.055 $\chi^2/\text{NDF}: 8783.1/9$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -13.026+/-0.032 χ^2/NDF : 21559.8/1

Left Out: -11.800+/-0.014 χ^2/NDF : 232573.7/8

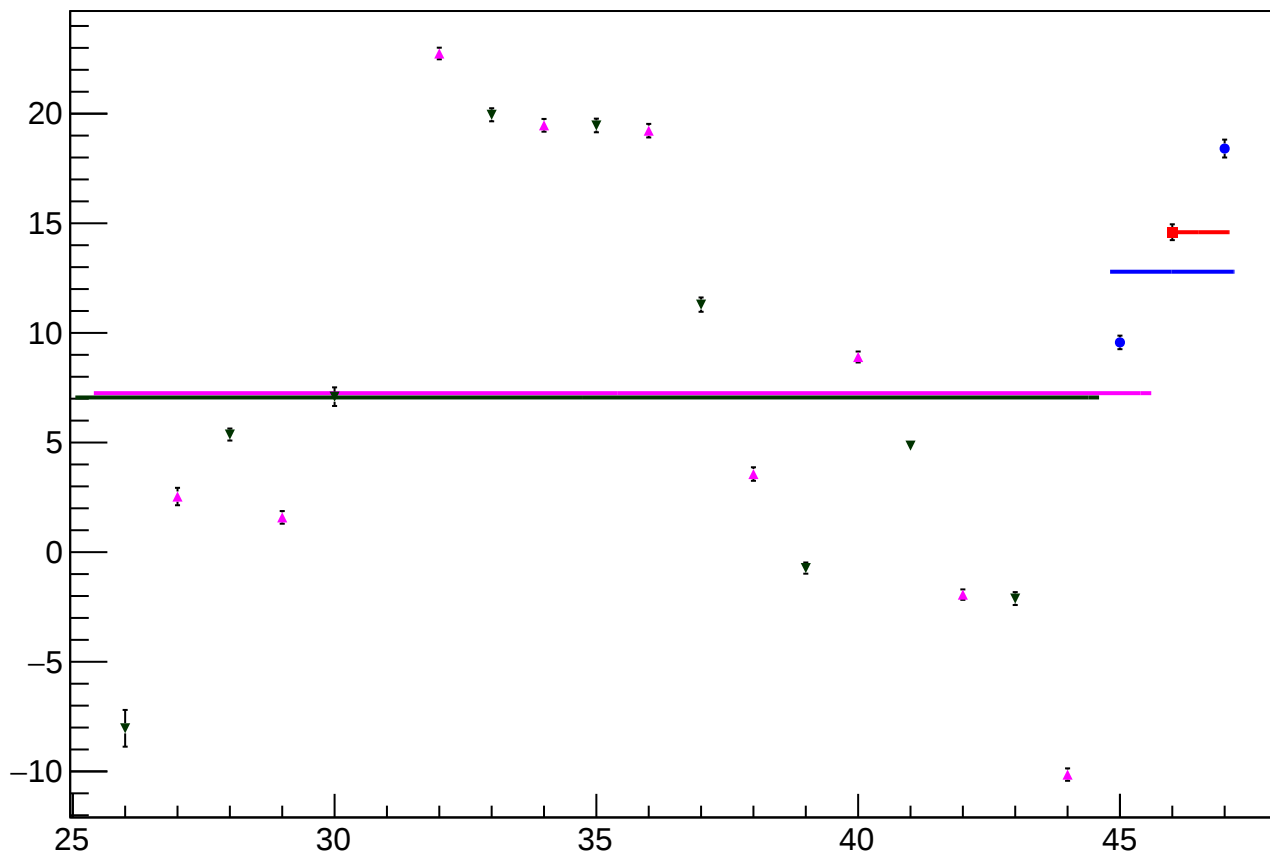
Right Out: -12.063+/-0.046 χ^2/NDF : 0.0/0

Left In: -10.603+/-0.013 χ^2/NDF : 320499.6/8

-11.983+/-0.013 χ^2/NDF : 255355.1/10

-10.710+/-0.012 χ^2/NDF : 321447.9/9

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 12.791 $\pm$ 0.246 χ^2 /NDF: 298.3/1

Left Out: 7.056 $\pm$ 0.101 χ^2 /NDF: 5984.3/8

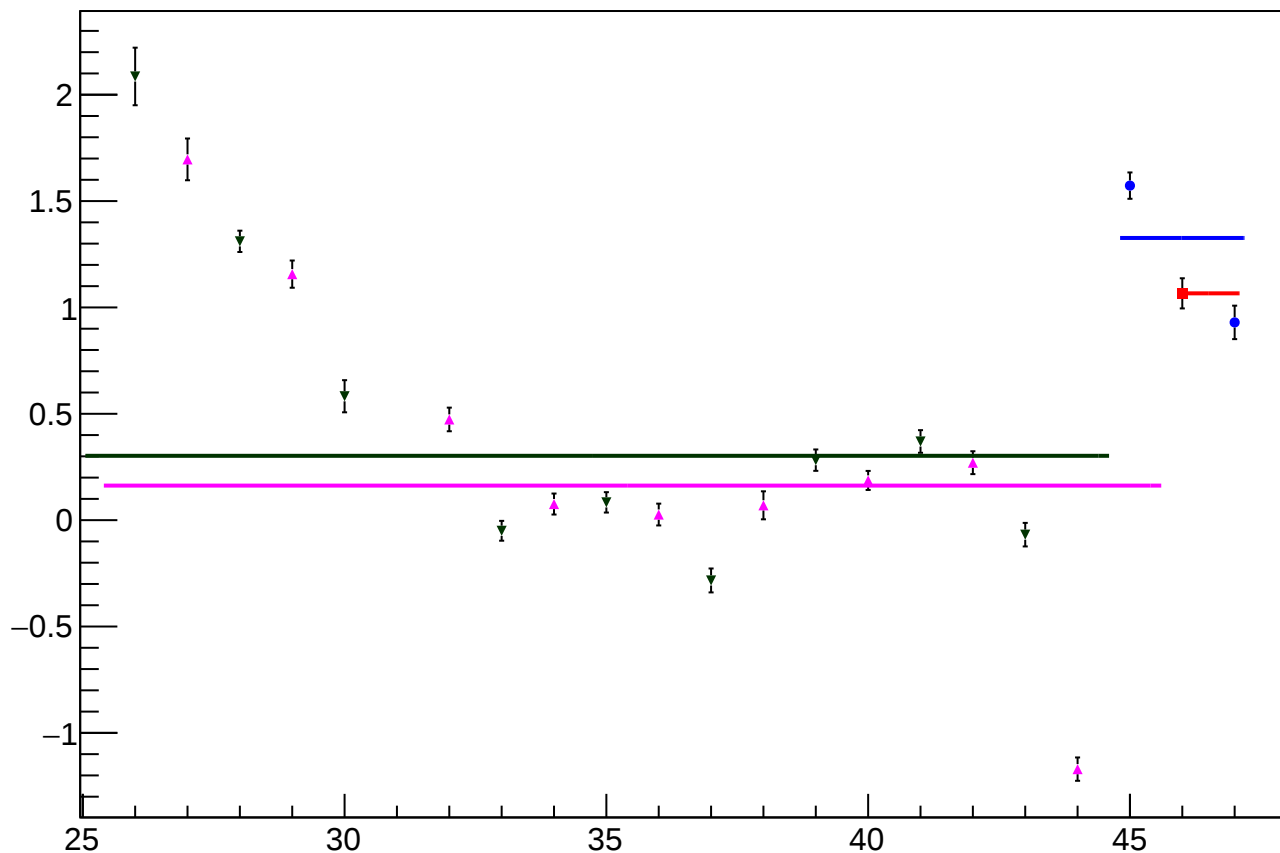
Right Out: 14.593 $\pm$ 0.361 χ^2 /NDF: 0.0/0

Left In: 7.252 $\pm$ 0.095 χ^2 /NDF: 12651.2/8

7.882 $\pm$ 0.094 χ^2 /NDF: 6746.5/10

7.724 $\pm$ 0.092 χ^2 /NDF: 13037.3/9

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.327 $\pm$ 0.049 χ^2 /NDF: 41.3/1

Left Out: 0.303 $\pm$ 0.019 χ^2 /NDF:825.4/8

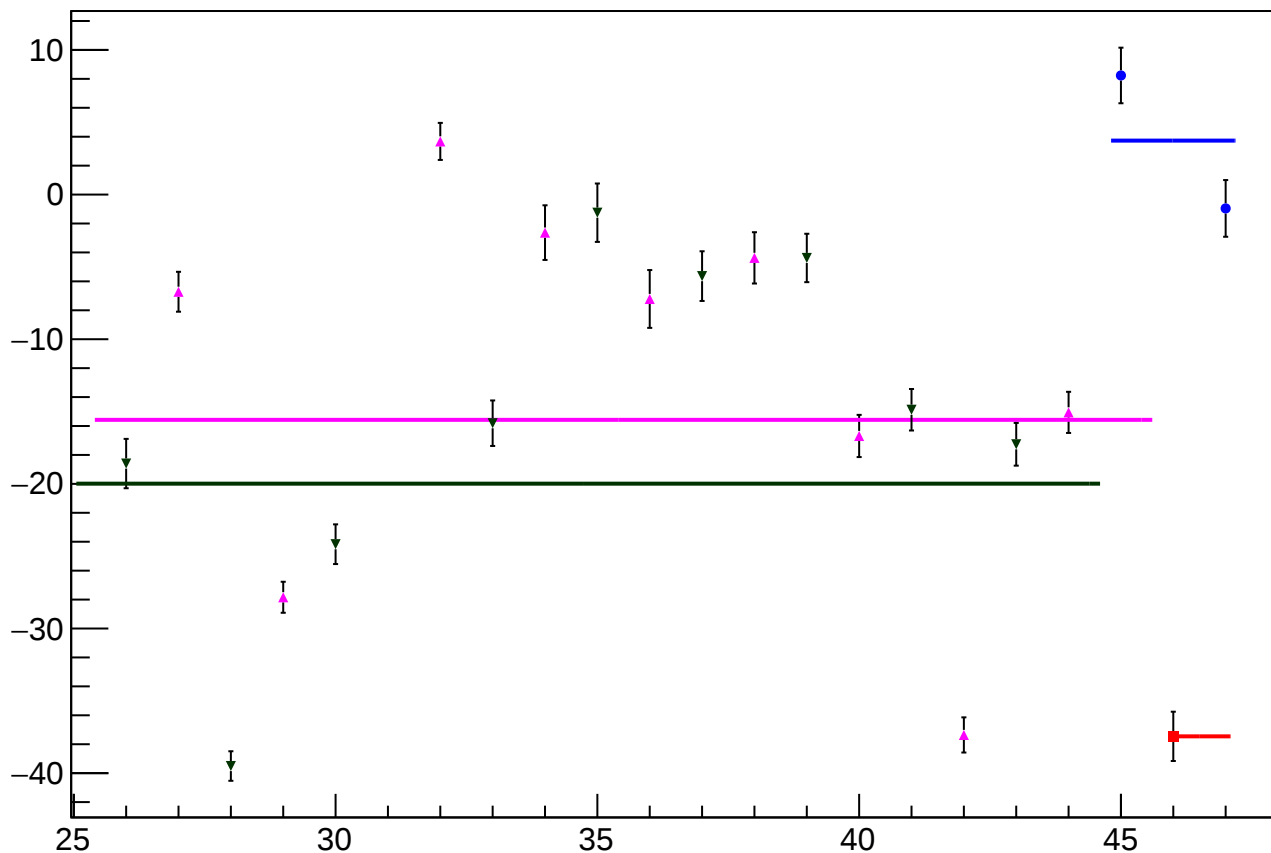
Right Out: 1.066 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left In: 0.162 $\pm$ 0.019 χ^2 /NDF:1123.7/8

0.432 $\pm$ 0.017 χ^2 /NDF: 1253.6/10

0.221 $\pm$ 0.018 χ^2 /NDF: 1275.8/9

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: 3.730+/-1.372 χ^2/NDF : 11.2/1

Left Out: -19.986+/-0.492 χ^2/NDF : 641.4/8

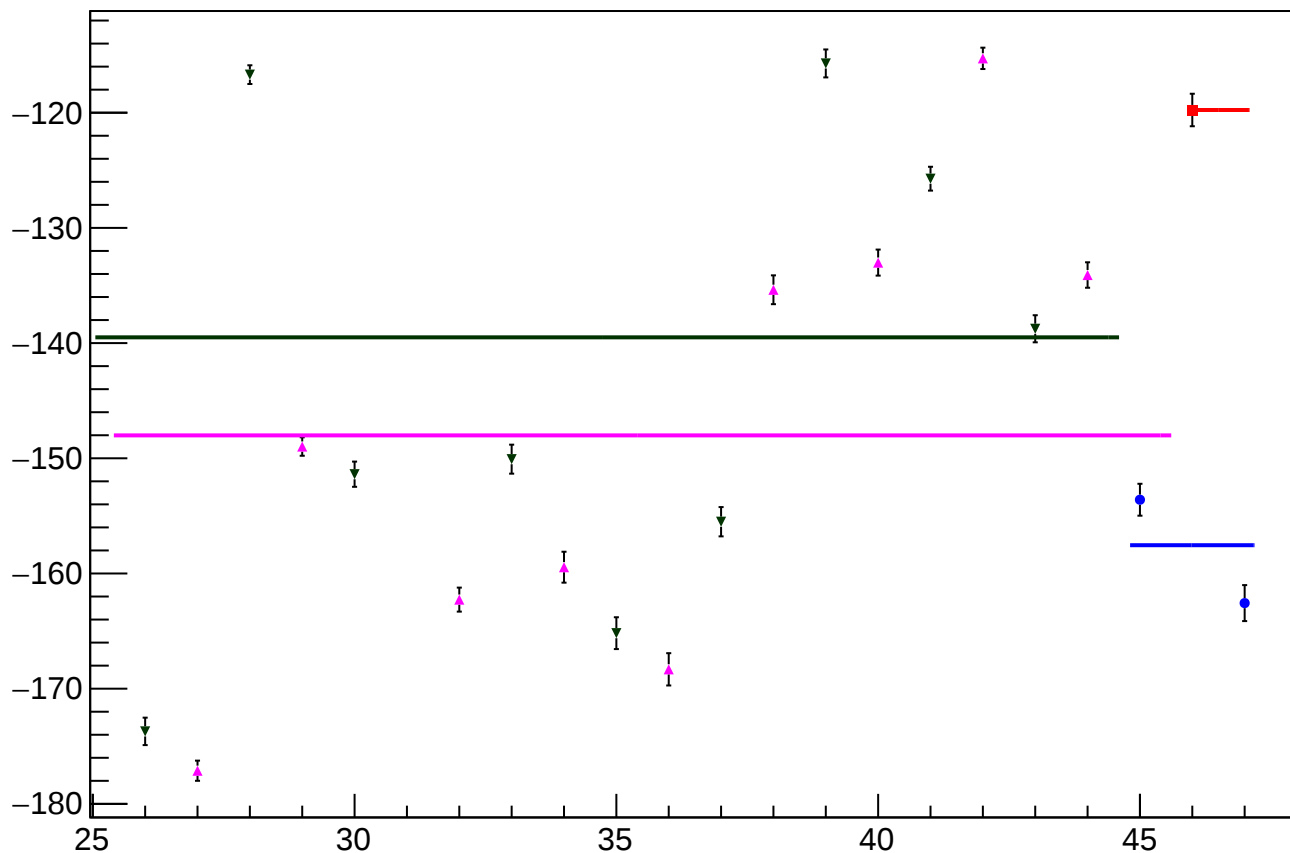
Right Out: -37.455+/-1.704 χ^2/NDF : 0.0/0

Left In: -15.574+/-0.472 χ^2/NDF : 824.1/8

-17.280+/-0.464 χ^2/NDF : 917.2/10

-17.131+/-0.455 χ^2/NDF : 977.3/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -157.545 $\pm$ 1.036 χ^2/NDF : 18.5/1

Left Out: -139.501 $\pm$ 0.374 χ^2/NDF : 2866.7/8

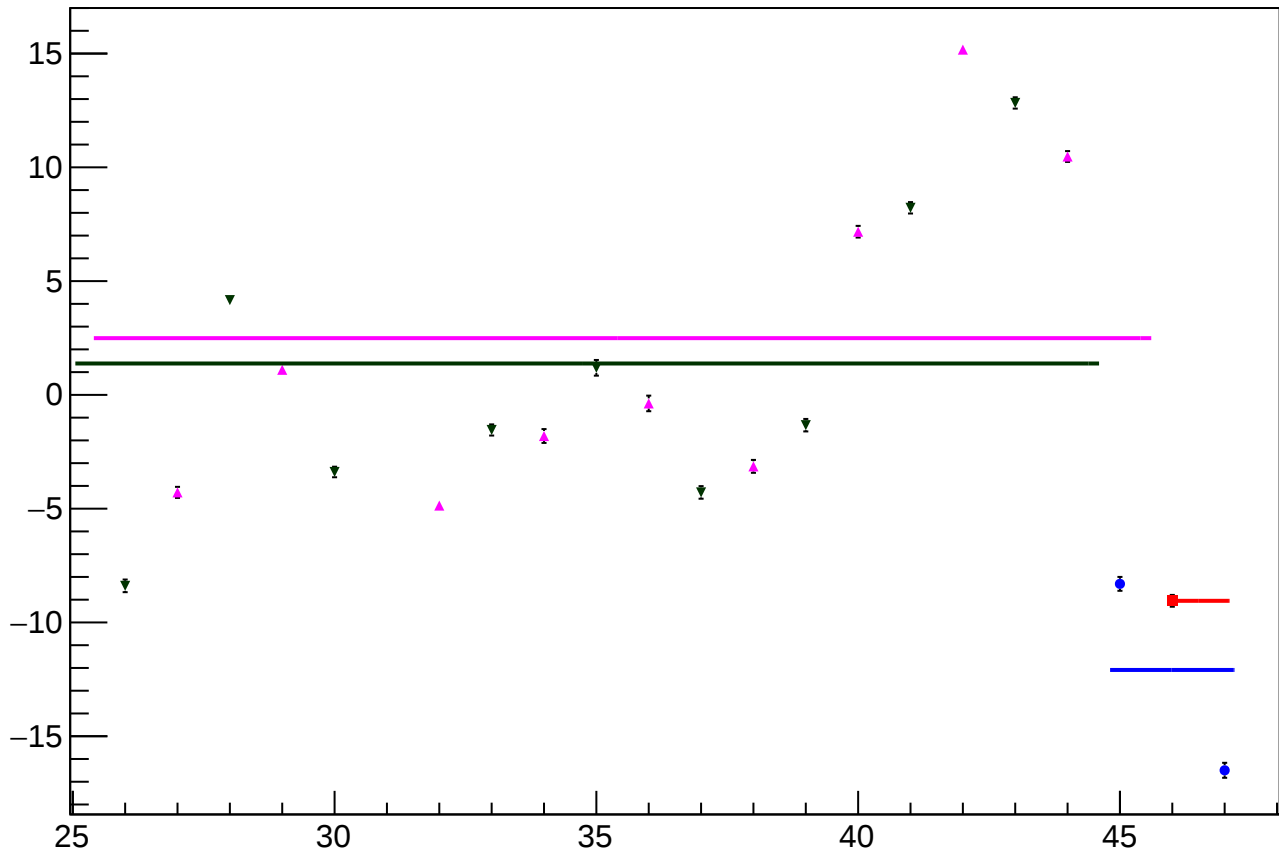
Right Out: -119.765 $\pm$ 1.410 χ^2/NDF : 0.0/0

Left In: -148.011 $\pm$ 0.348 χ^2/NDF : 3260.7/8

-141.577 $\pm$ 0.351 χ^2/NDF : 3153.6/10

-146.390 $\pm$ 0.338 χ^2/NDF : 3638.7/9

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -12.088 ± 0.224 χ^2/NDF : 332.8/1

Left Out: 1.380 ± 0.083 χ^2/NDF : 5402.0/8

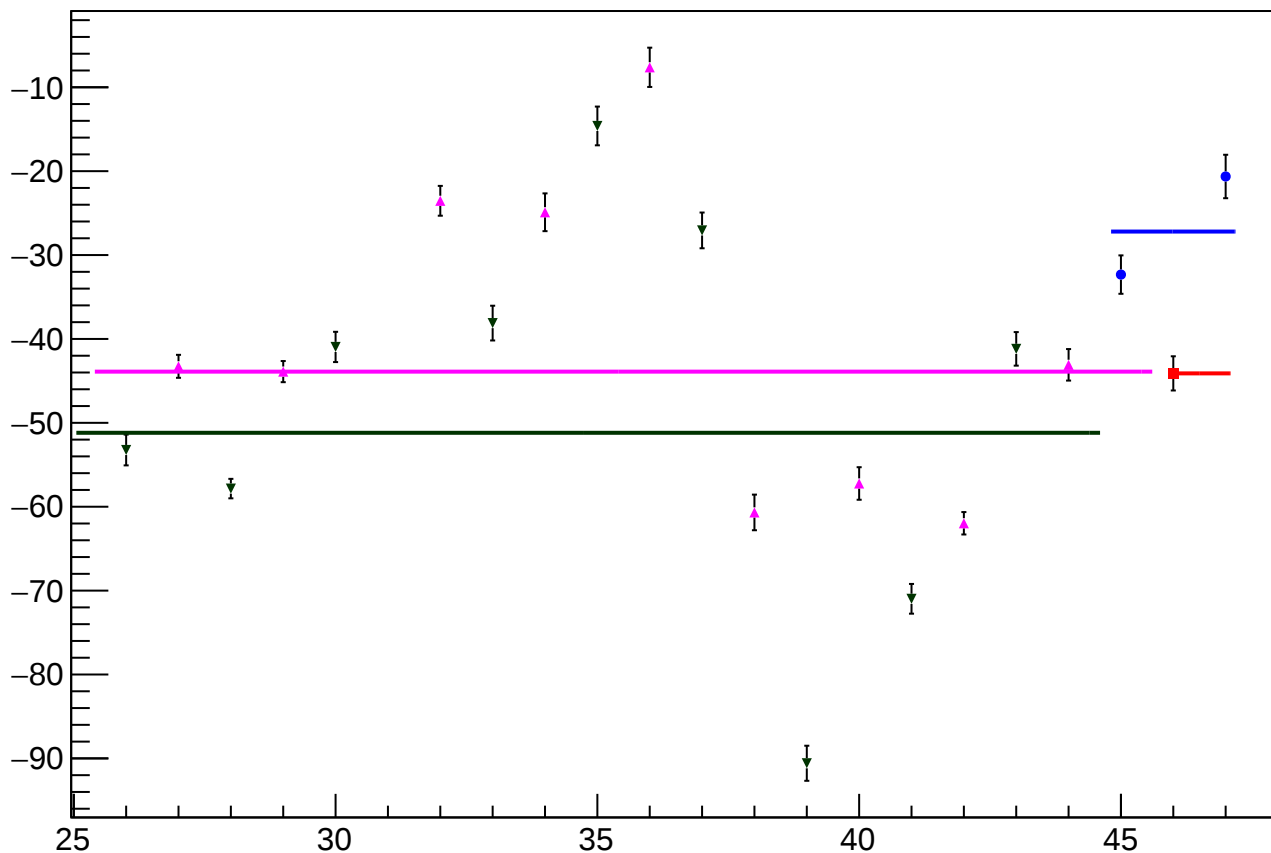
Right Out: -9.050 ± 0.260 χ^2/NDF : 0.0/0

Left In: 2.493 ± 0.081 χ^2/NDF : 7773.1/8

-0.258 ± 0.078 χ^2/NDF : 8913.0/10

1.465 ± 0.077 χ^2/NDF : 9575.4/9

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -27.199+/-1.715 χ^2/NDF : 11.4/1

Left Out: -51.187+/-0.599 χ^2/NDF : 989.9/8

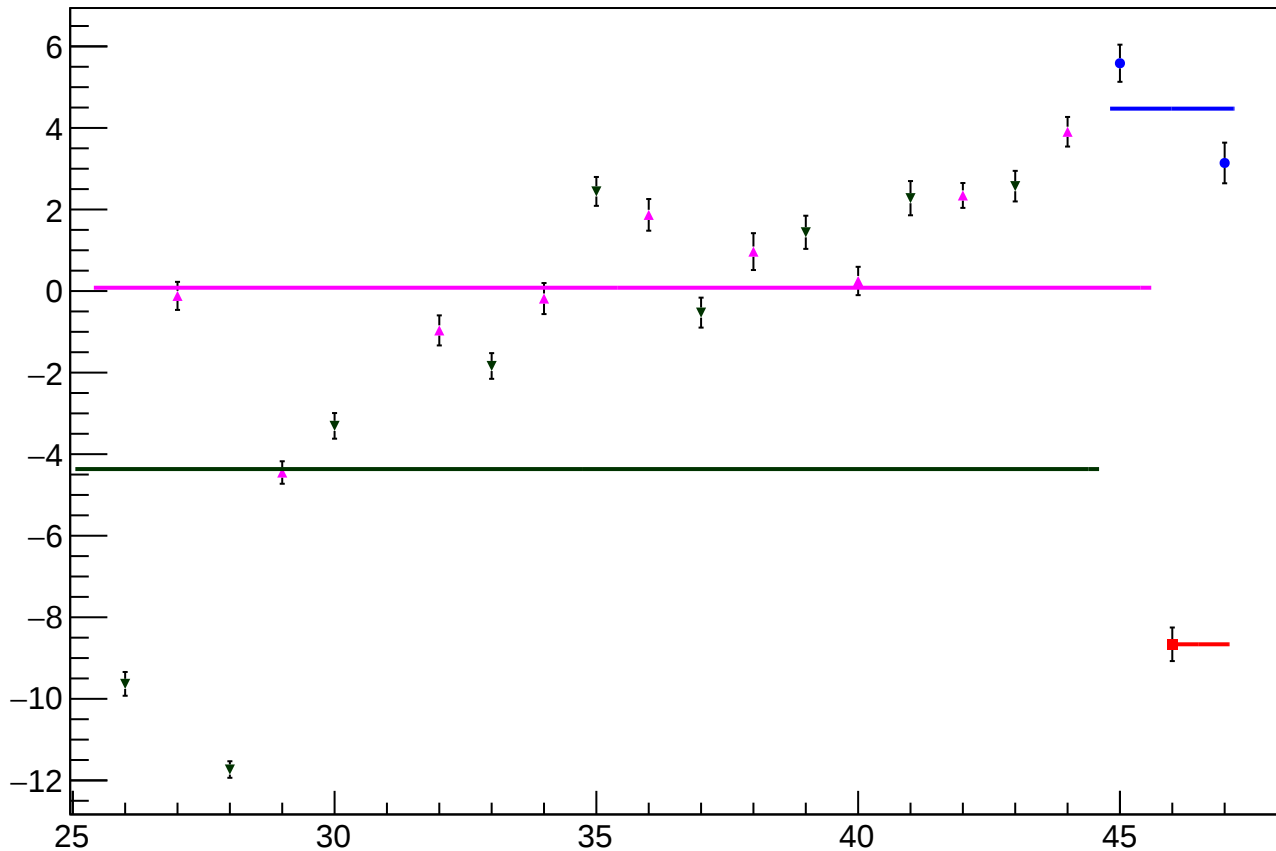
Right Out: -44.105+/-2.038 χ^2/NDF : 0.0/0

Left In: -43.897+/-0.560 χ^2/NDF : 735.5/8

-48.576+/-0.566 χ^2/NDF : 1175.7/10

-43.911+/-0.540 χ^2/NDF : 735.5/9

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 4.473+/-0.336 χ^2/NDF : 13.1/1

Left Out: -4.365+/-0.105 χ^2/NDF : 2995.2/8

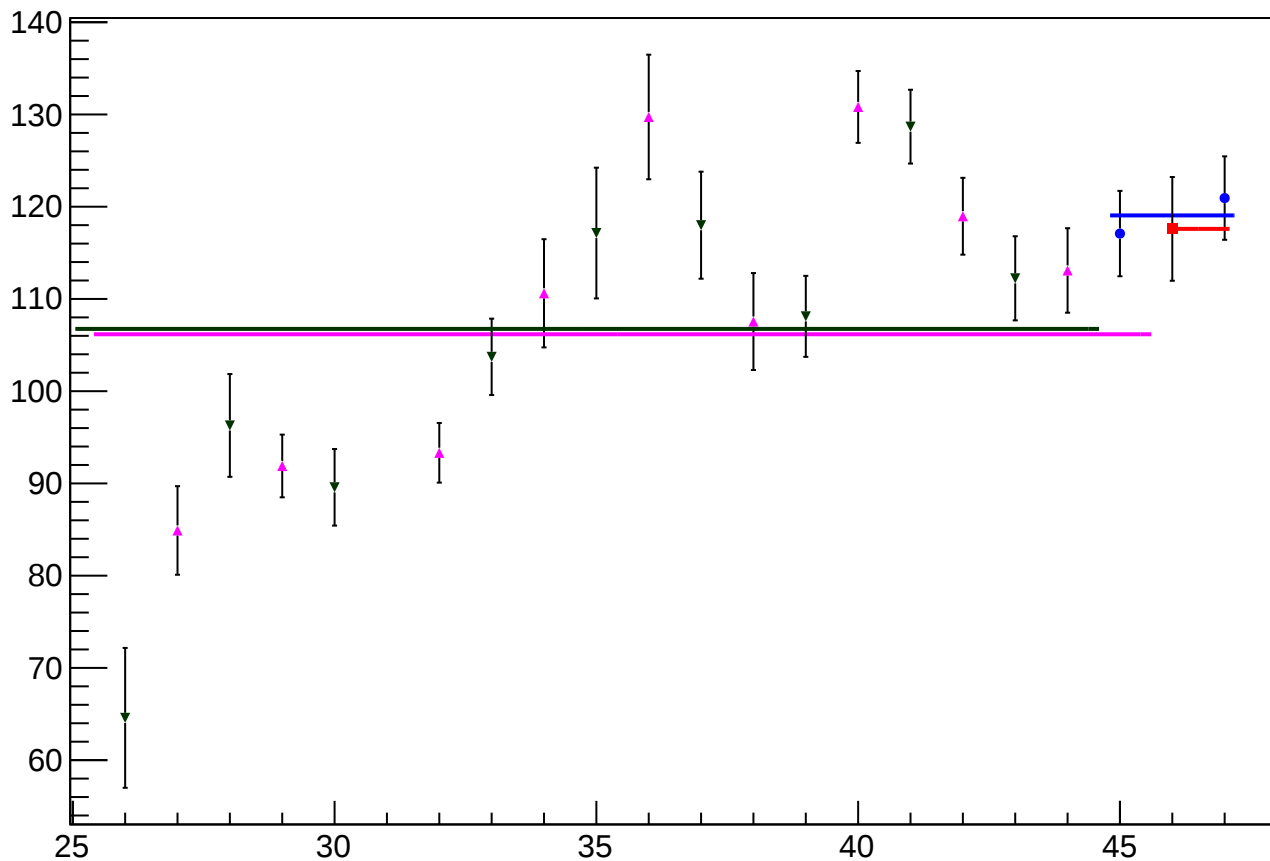
Right Out: -8.662+/-0.412 χ^2/NDF : 0.0/0

Left In: 0.082+/-0.116 χ^2/NDF : 470.0/8

-3.578+/-0.100 χ^2/NDF : 3637.8/10

-0.564+/-0.112 χ^2/NDF : 887.8/9

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 119.056 $\pm$ 3.235 χ^2/NDF : 0.4/1

Left Out: 106.753 $\pm$ 1.626 χ^2/NDF : 89.6/8

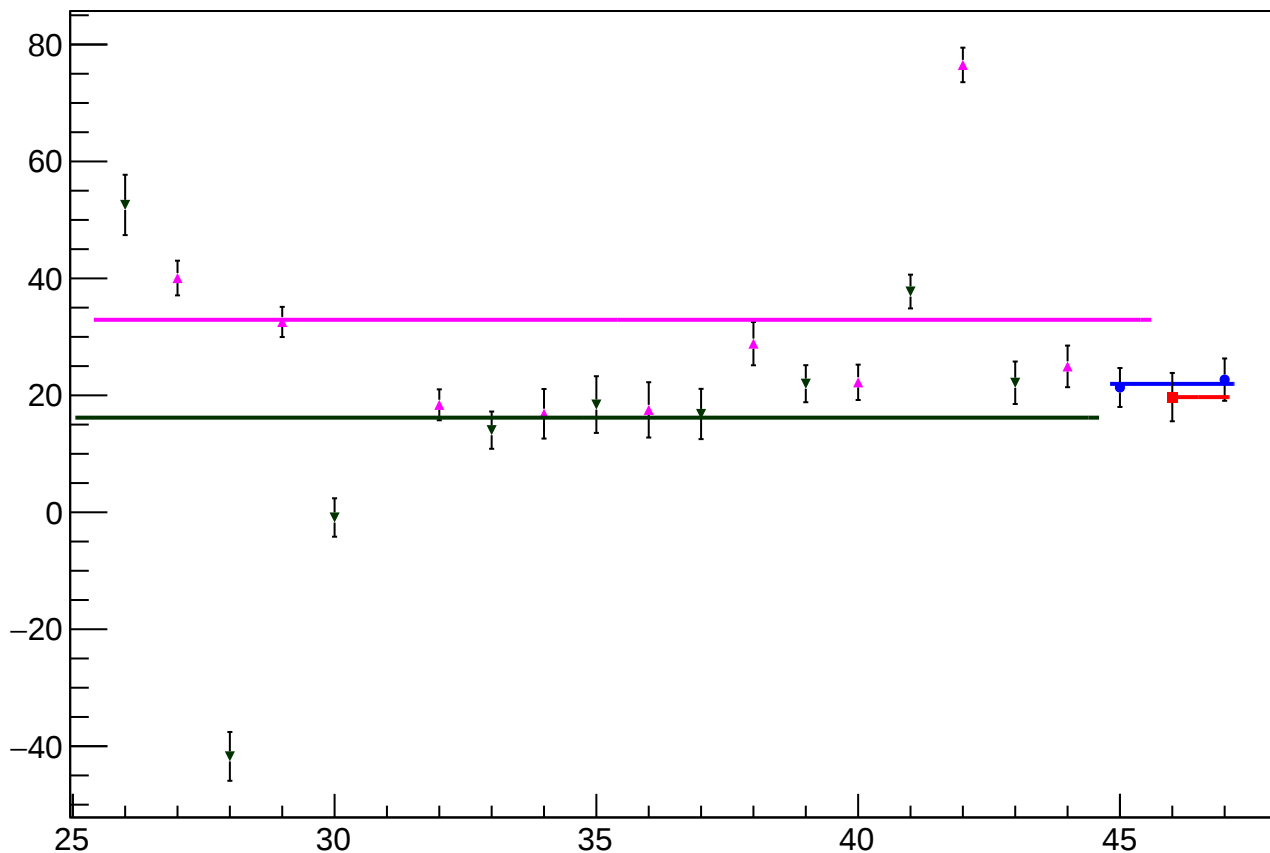
Right Out: 117.596 $\pm$ 5.625 χ^2/NDF : 0.0/0

Left In: 106.171 $\pm$ 1.438 χ^2/NDF : 117.6/8

109.236 $\pm$ 1.453 χ^2/NDF : 101.5/10

106.872 $\pm$ 1.393 χ^2/NDF : 121.5/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 21.961+/-2.450 χ^2 /NDF: 0.1/1

Left Out: 16.187+/-1.214 χ^2 /NDF:331.6/8

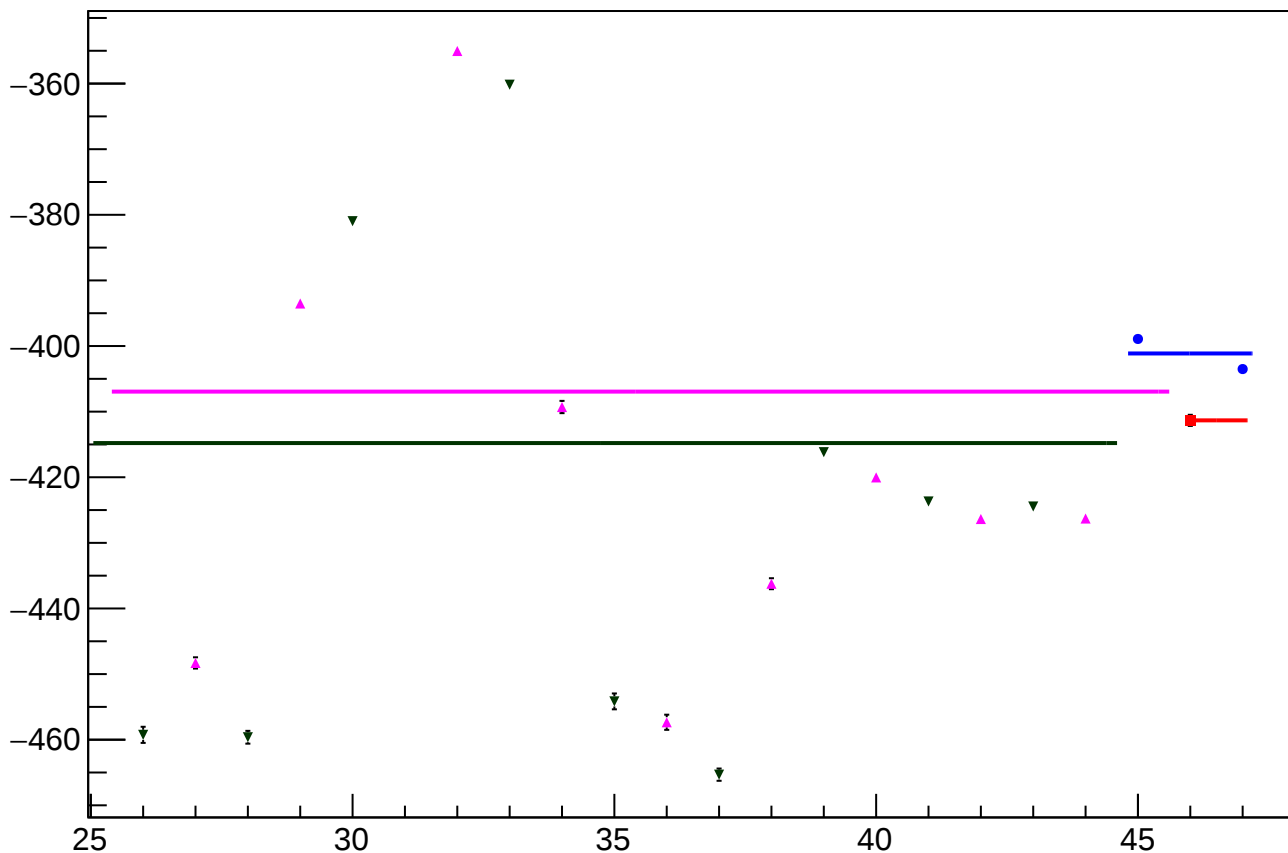
Right Out: 19.700+/-4.134 χ^2 /NDF: 0.0/0

Left In: 32.922+/-1.064 χ^2 /NDF:297.8/8

17.325+/-1.088 χ^2 /NDF: 336.2/10

32.100+/-1.030 χ^2 /NDF: 307.4/9

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -401.133+/-0.530 χ^2/NDF : 18.7/1

Left Out: -414.789+/-0.271 χ^2/NDF :17193.7/8

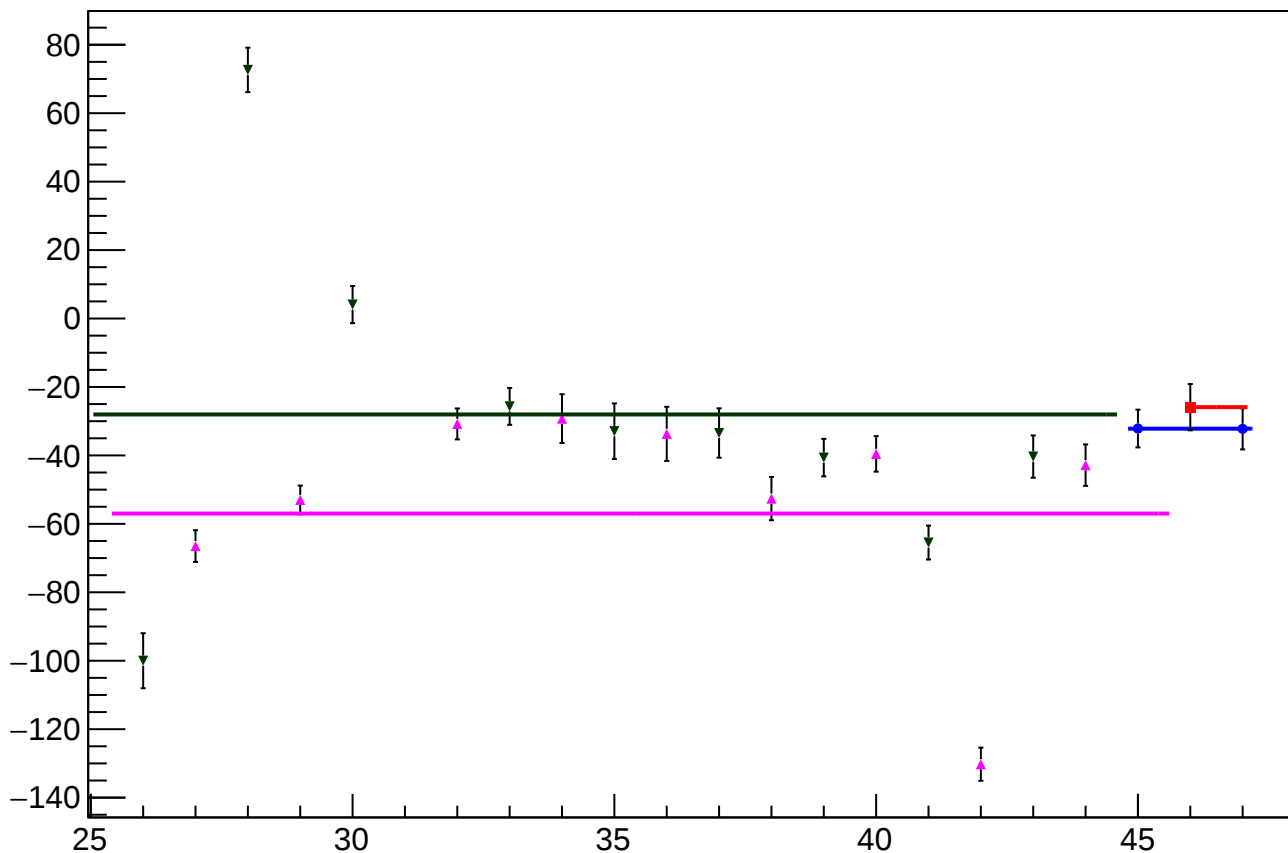
Right Out: -411.329+/-0.848 χ^2/NDF : 0.0/0

Left In: -406.947+/-0.246 χ^2/NDF :18132.7/8

-411.954+/-0.241 χ^2/NDF : 17738.8/10

-407.288+/-0.236 χ^2/NDF : 18157.3/9

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -32.186 $\pm$ 4.061 χ^2 /NDF: 0.0/1

Left Out: -28.036 $\pm$ 2.031 χ^2 /NDF:423.4/8

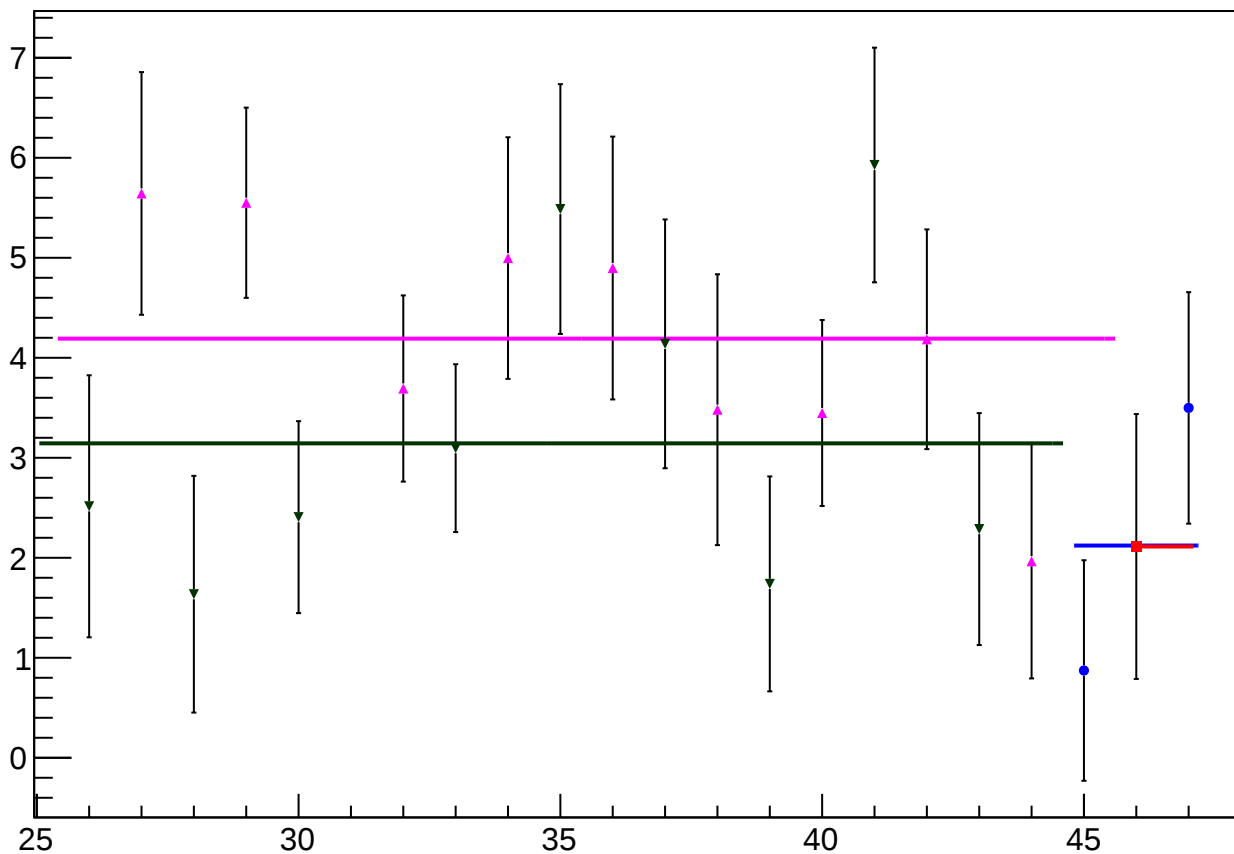
Right Out: -25.896 $\pm$ 6.770 χ^2 /NDF: 0.0/0

Left In: -56.994 $\pm$ 1.767 χ^2 /NDF:308.6/8

-28.866 $\pm$ 1.817 χ^2 /NDF: 424.2/10

-55.010 $\pm$ 1.710 χ^2 /NDF: 328.3/9

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 2.122 $\pm$ 0.798 χ^2 /NDF: 2.7/1

Left Out: 3.144 $\pm$ 0.367 χ^2 /NDF: 14.5/8

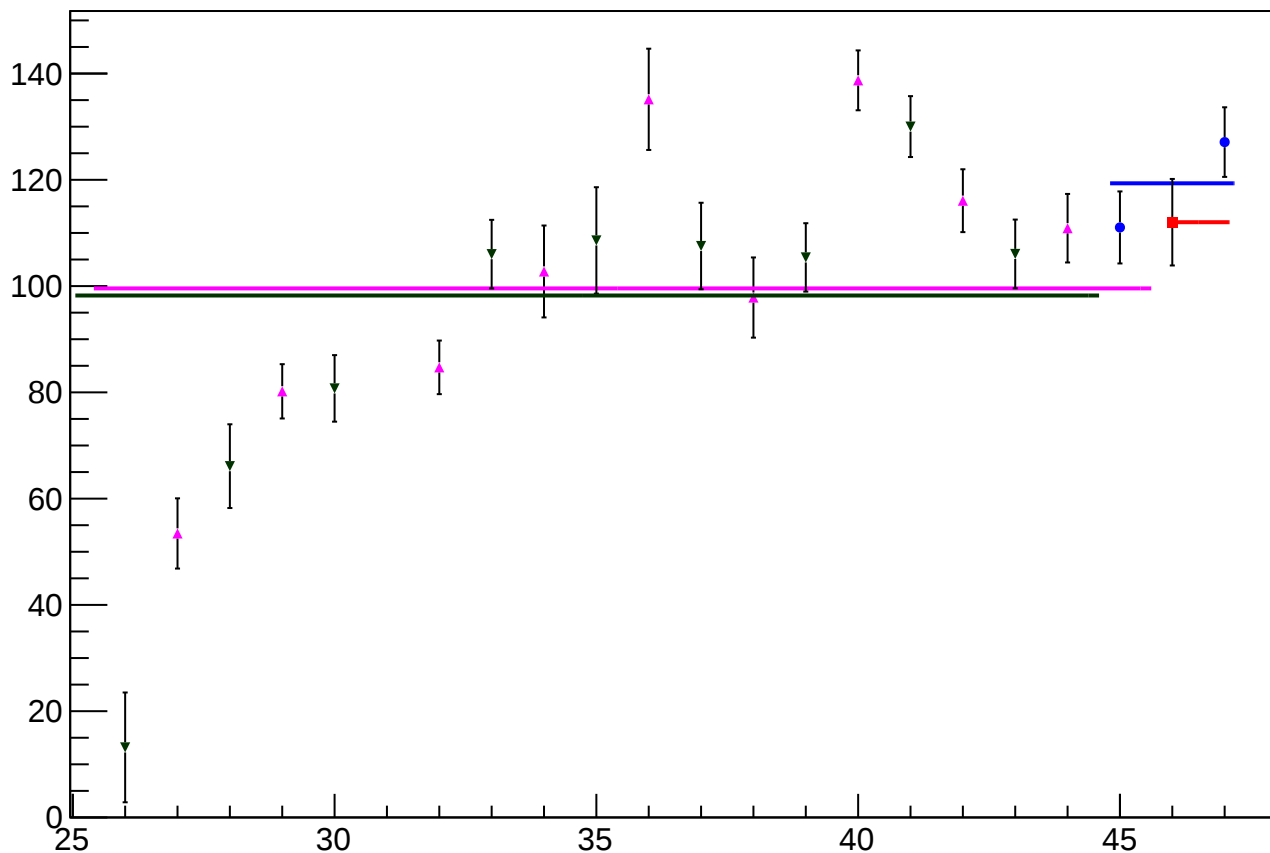
Right Out: 2.113 $\pm$ 1.325 χ^2 /NDF: 0.0/0

Left In: 4.191 $\pm$ 0.366 χ^2 /NDF: 9.0/8

2.966 $\pm$ 0.333 χ^2 /NDF: 18.5/10

4.044 $\pm$ 0.353 χ^2 /NDF: 11.3/9

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 119.342 $\pm$ 4.710 χ^2 /NDF: 2.9/1

Left Out: 98.229 $\pm$ 2.366 χ^2 /NDF:129.5/8

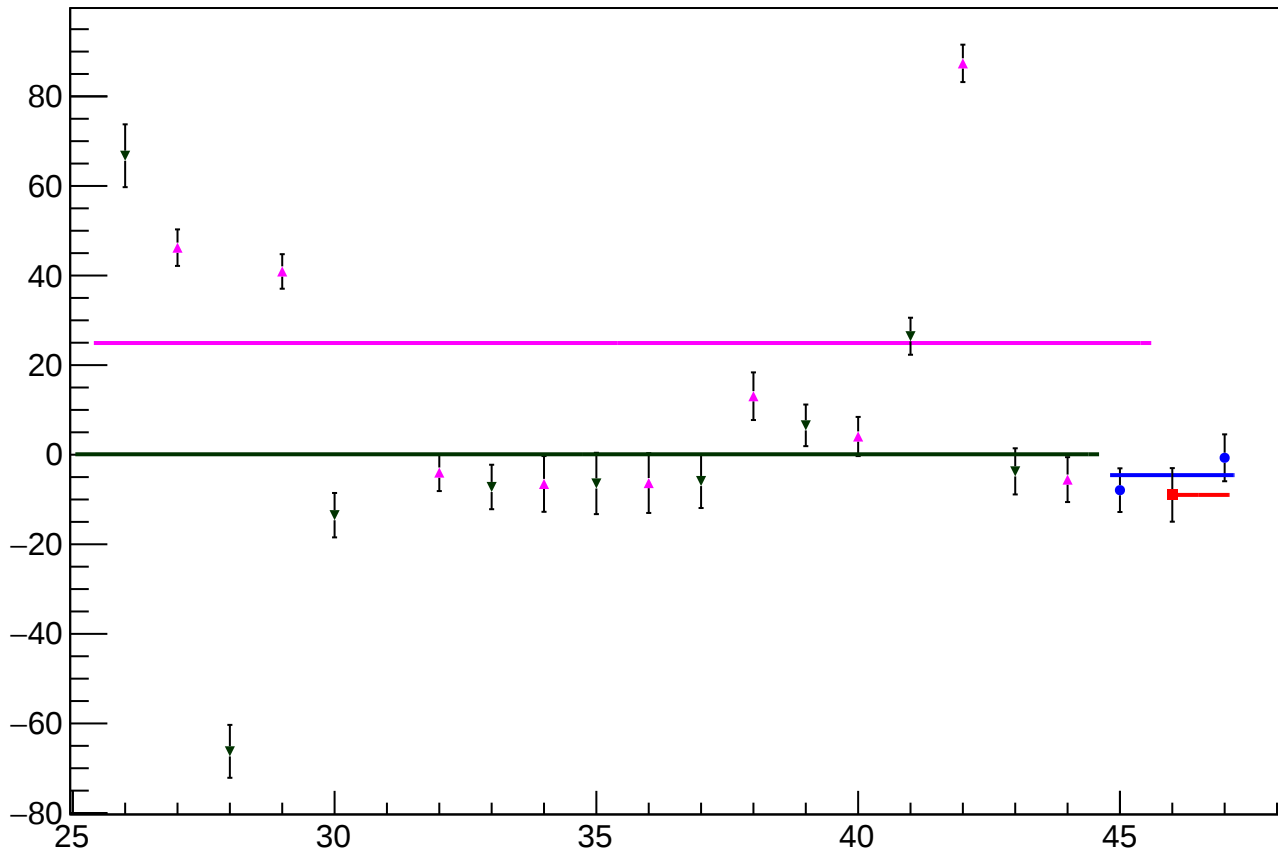
Right Out: 112.021 $\pm$ 8.142 χ^2 /NDF: 0.0/0

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

102.483 $\pm$ 2.114 χ^2 /NDF: 148.4/10

100.341 $\pm$ 2.034 χ^2 /NDF: 147.2/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -4.561+/-3.568 χ^2 /NDF: 1.0/1

Left Out: 0.093+/-1.763 χ^2 /NDF:271.1/8

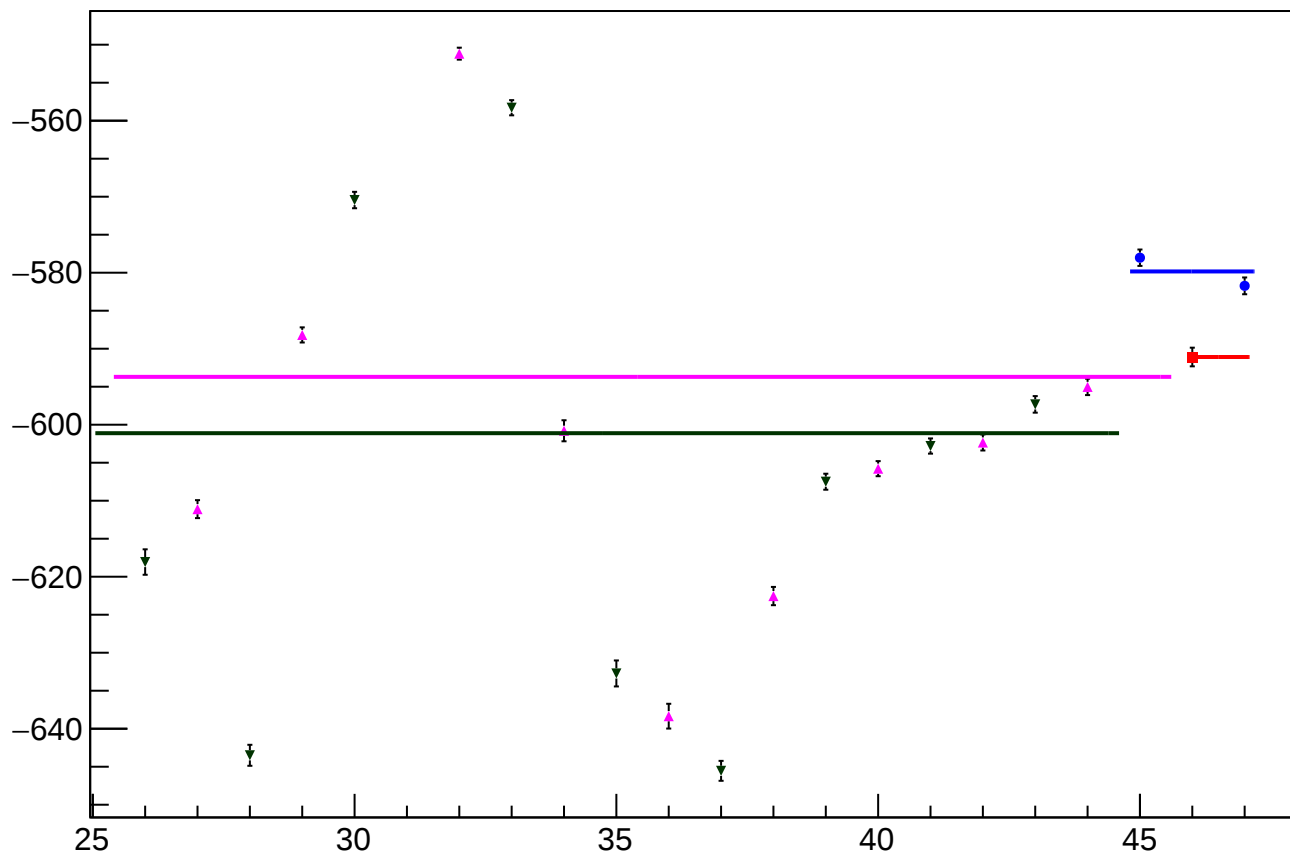
Right Out: -8.977+/-5.982 χ^2 /NDF: 0.0/0

Left In: 24.935+/-1.545 χ^2 /NDF:429.4/8

-0.820+/-1.581 χ^2 /NDF: 273.5/10

22.815+/-1.496 χ^2 /NDF: 459.5/9

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -579.834+/-0.771 χ^2/NDF : 5.8/1

Left Out: -601.116+/-0.395 χ^2/NDF : 5229.3/8

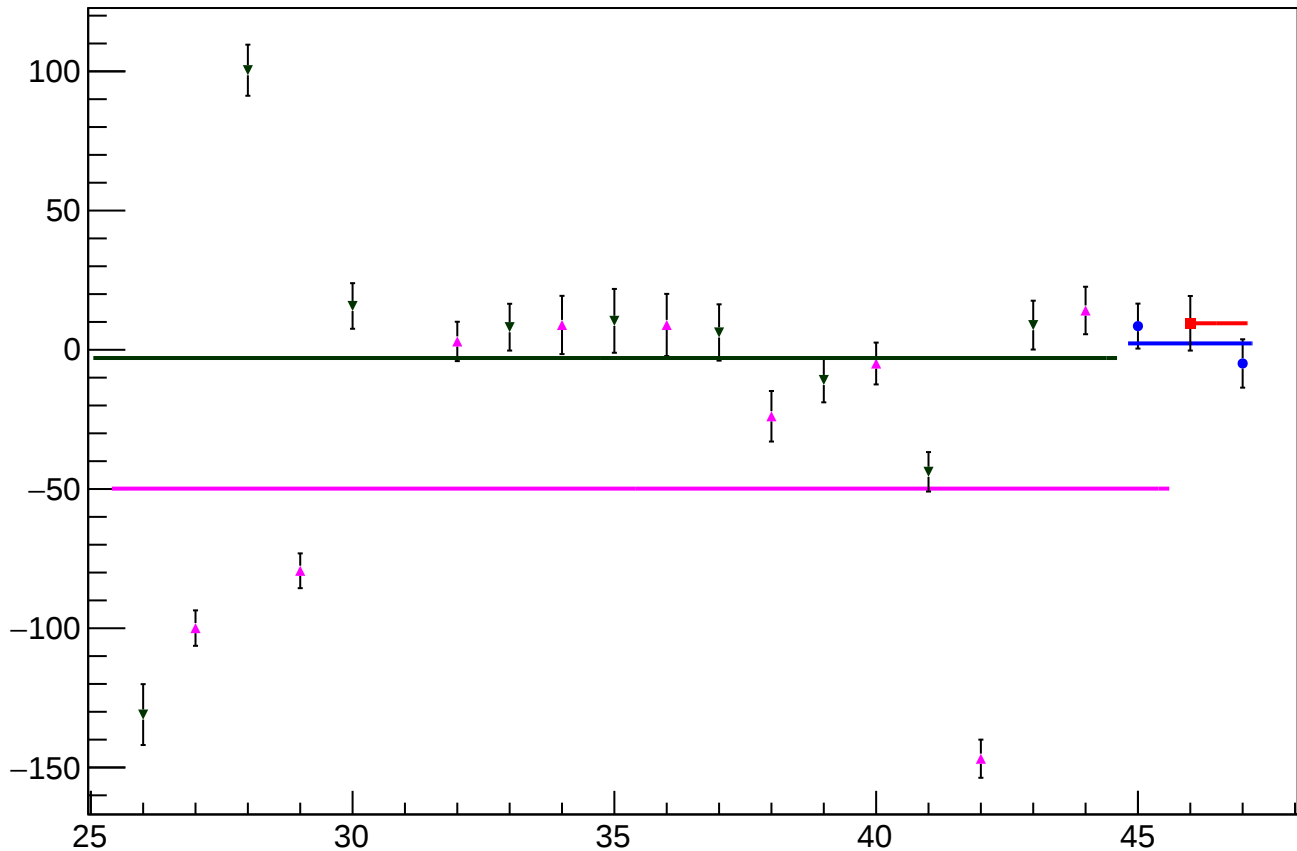
Right Out: -591.092+/-1.227 χ^2/NDF : 0.0/0

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-596.693+/-0.352 χ^2/NDF : 5838.2/10

-593.497+/-0.346 χ^2/NDF : 4736.0/9

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 2.294 ± 5.913 χ^2/NDF : 1.3/1

Left Out: -2.951 ± 2.946 χ^2/NDF : 309.3/8

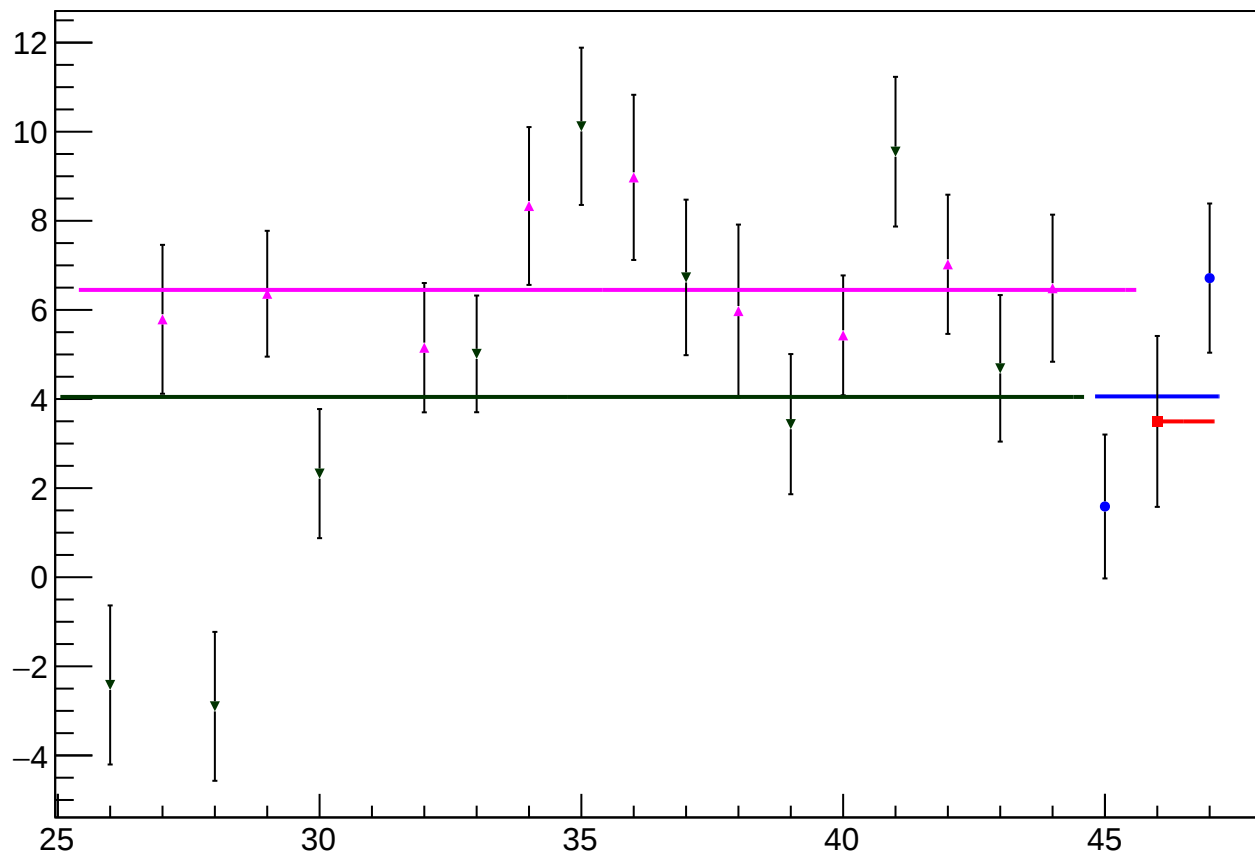
Right Out: 9.521 ± 9.802 χ^2/NDF : 0.0/0

Left In: -49.855 ± 2.562 χ^2/NDF : 500.0/8

-1.908 ± 2.637 χ^2/NDF : 311.3/10

-46.059 ± 2.478 χ^2/NDF : 534.4/9

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.058+/-1.162 χ^2/NDF : 4.9/1

Left Out: 4.047+/-0.534 χ^2/NDF : 57.6/8

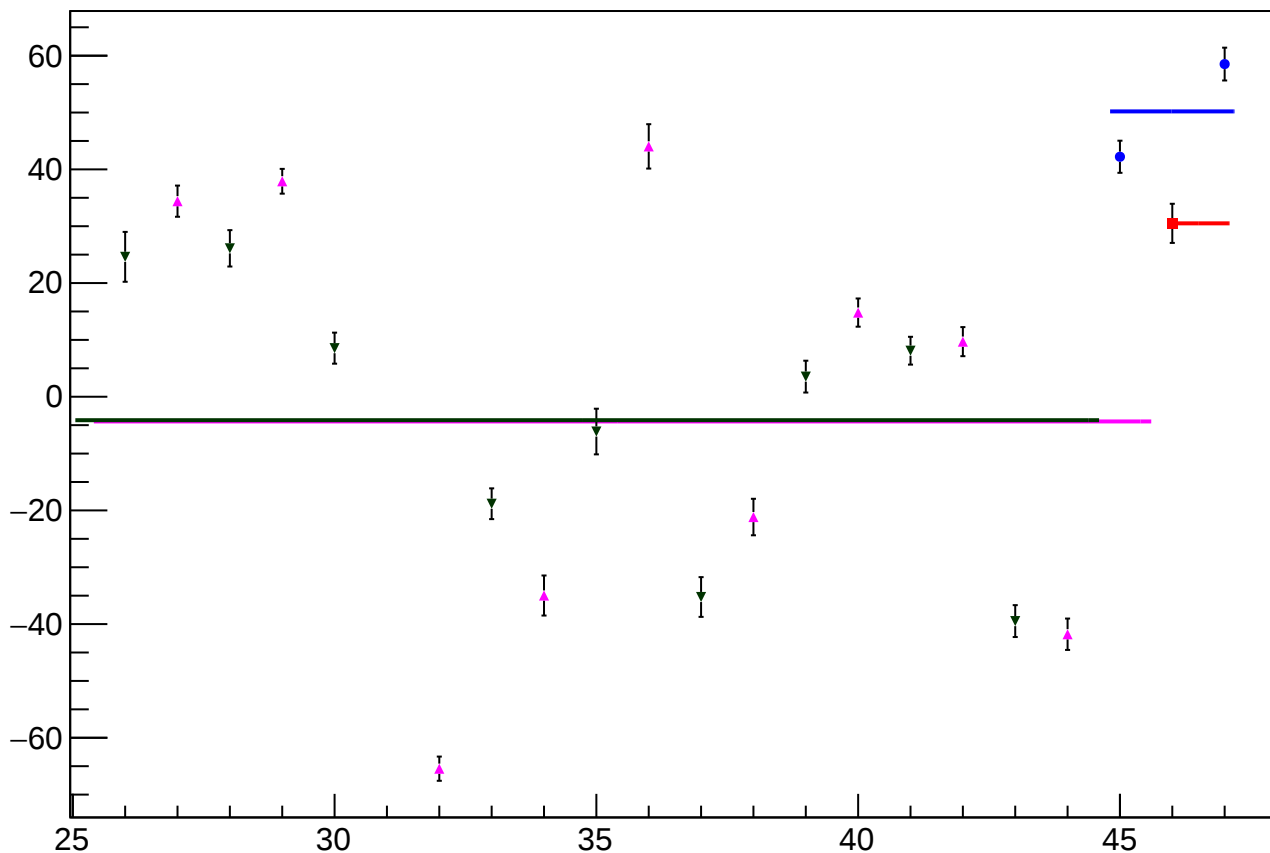
Right Out: 3.497+/-1.918 χ^2/NDF : 0.0/0

Left In: 6.449+/-0.532 χ^2/NDF : 4.7/8

4.049+/-0.485 χ^2/NDF : 62.4/10

6.239+/-0.512 χ^2/NDF : 6.9/9

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 50.200 $\pm$ 2.019 χ^2 /NDF: 16.3/1

Left Out: -4.129 $\pm$ 1.007 χ^2 /NDF: 453.7/8

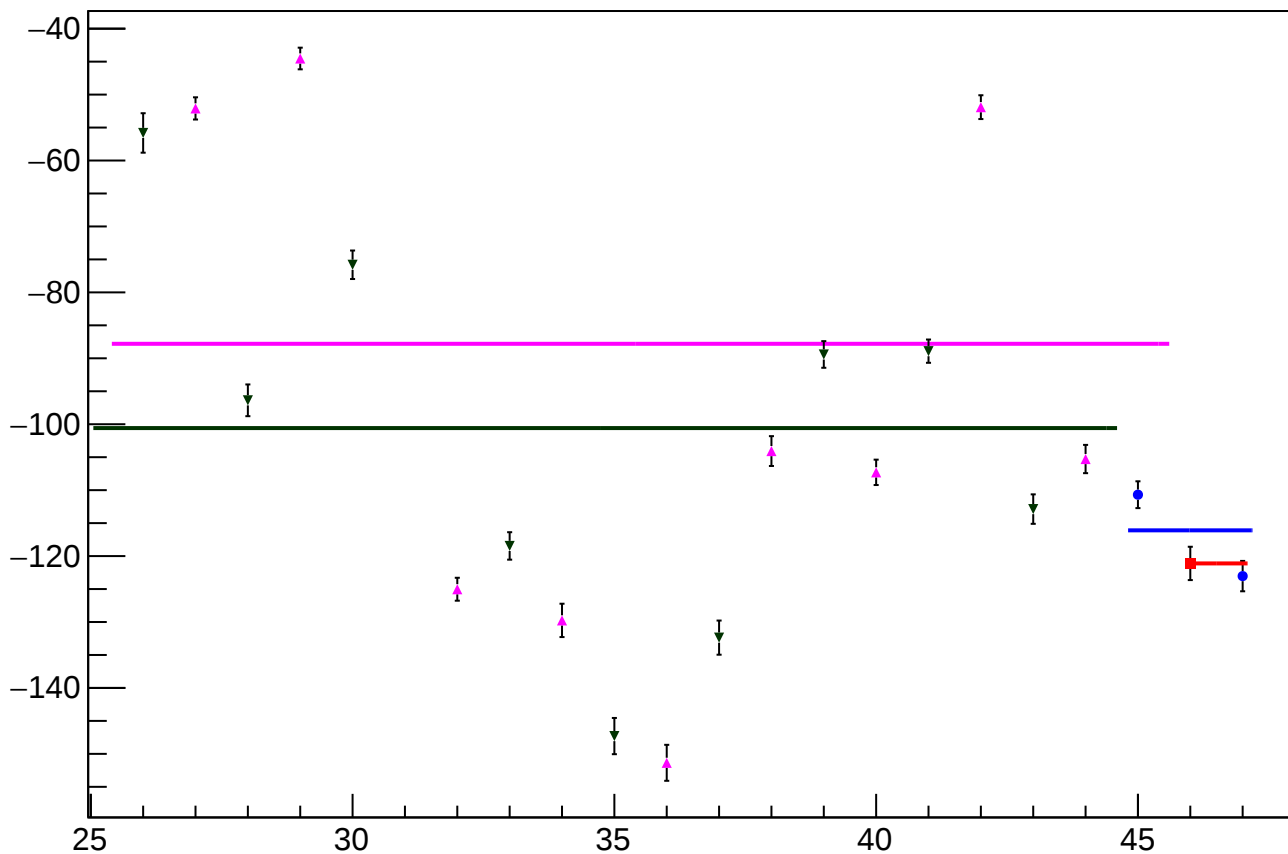
Right Out: 30.504 $\pm$ 3.443 χ^2 /NDF: 0.0/0

Left In: -4.348 $\pm$ 0.893 χ^2 /NDF: 1927.7/8

6.698 $\pm$ 0.901 χ^2 /NDF: 1049.7/10

-2.149 $\pm$ 0.865 χ^2 /NDF: 2023.8/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -116.096 ± 1.525 $\chi^2/\text{NDF}: 16.1/1$

Left Out: -100.583 ± 0.750 $\chi^2/\text{NDF}: 975.8/8$

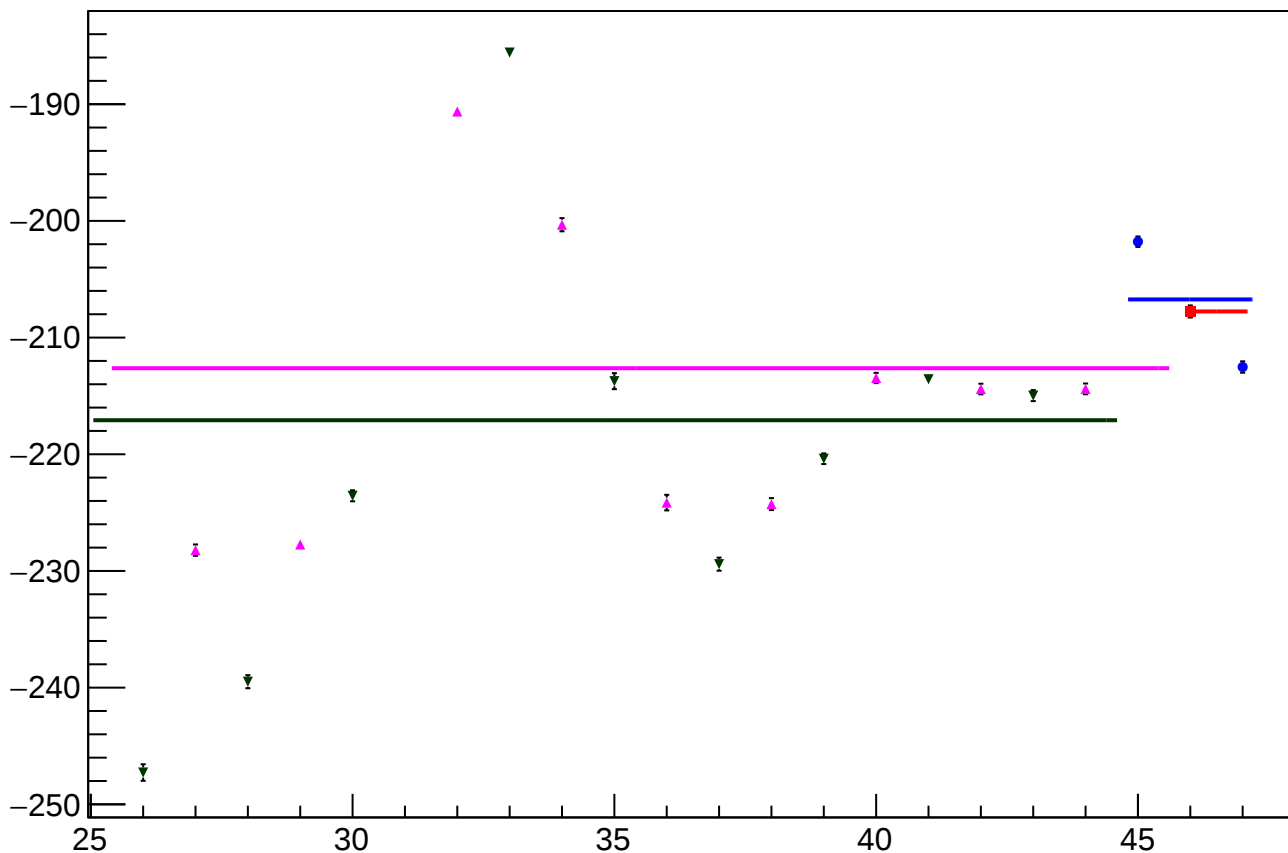
Right Out: -121.113 ± 2.527 $\chi^2/\text{NDF}: 0.0/0$

Left In: -87.800 ± 0.654 $\chi^2/\text{NDF}: 3036.8/8$

-103.607 ± 0.673 $\chi^2/\text{NDF}: 1075.3/10$

-89.894 ± 0.634 $\chi^2/\text{NDF}: 3199.7/9$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -206.731+/-0.330 χ^2/NDF : 263.3/1

Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

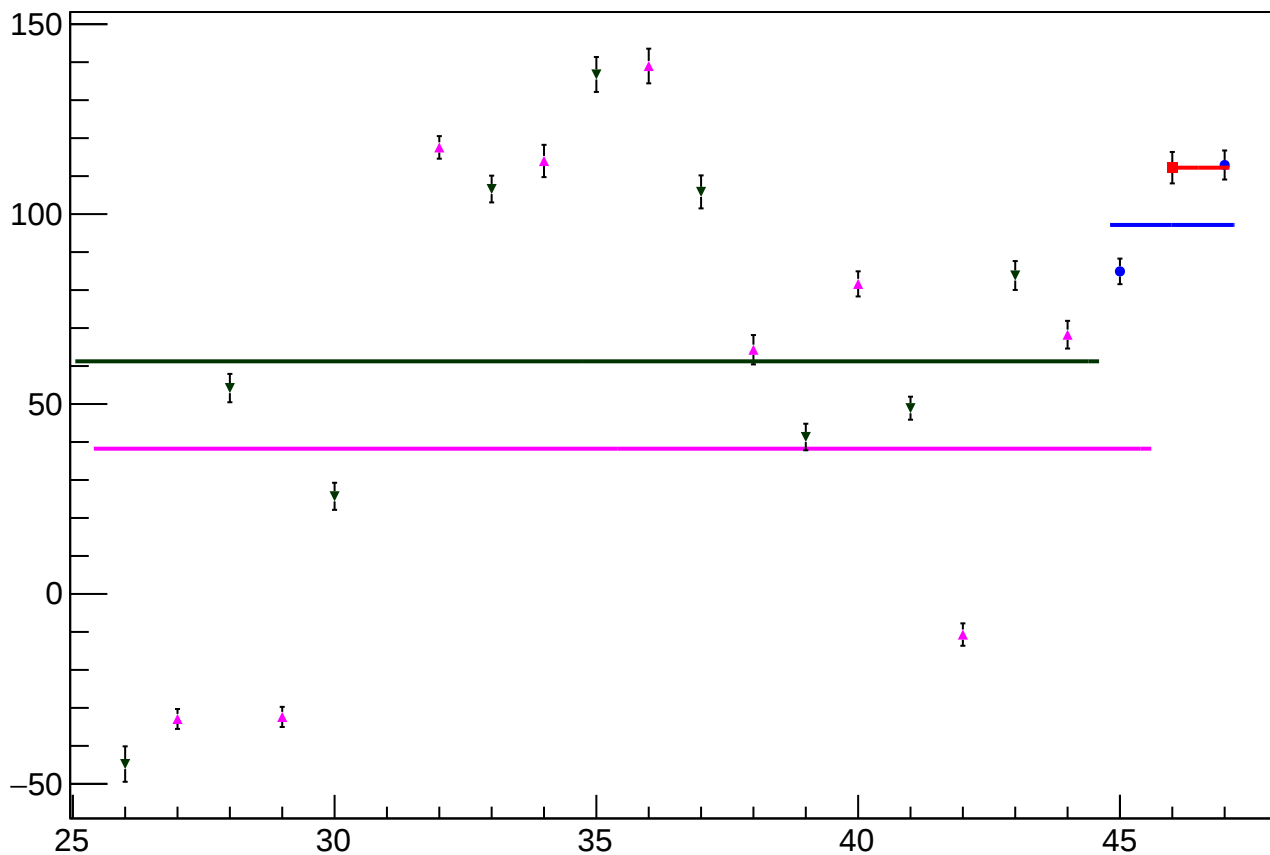
Right Out: -207.762+/-0.520 χ^2/NDF : 0.0/0

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-214.948+/-0.150 χ^2/NDF : 10927.6/10

-212.238+/-0.147 χ^2/NDF : 8124.5/9

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 97.146 $\pm$ 2.526 χ^2/NDF : 30.2/1

Left Out: 61.242 $\pm$ 1.253 χ^2/NDF : 1243.9/8

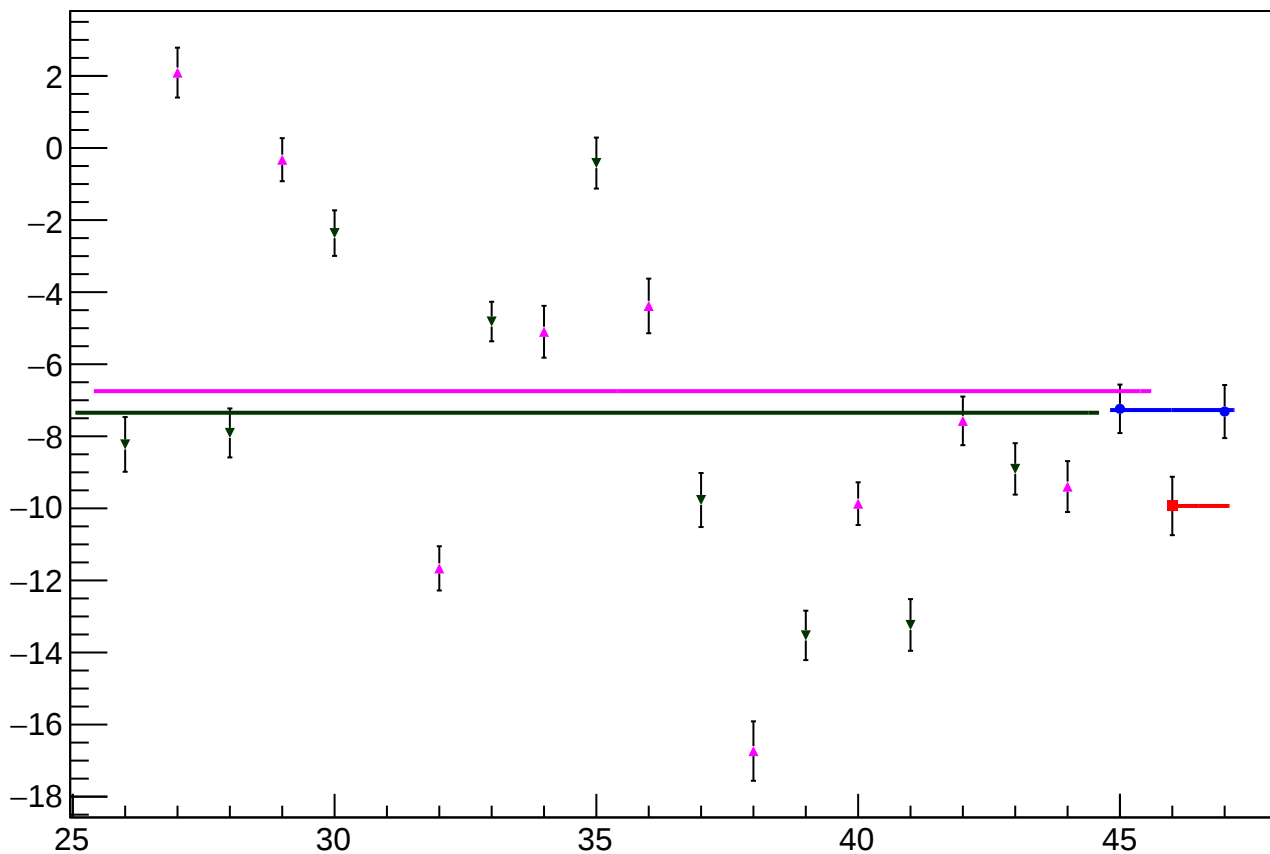
Right Out: 112.223 $\pm$ 4.136 χ^2/NDF : 0.0/0

Left In: 38.240 $\pm$ 1.083 χ^2/NDF : 3520.6/8

68.327 $\pm$ 1.122 χ^2/NDF : 1436.3/10

42.988 $\pm$ 1.048 χ^2/NDF : 3819.9/9

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -7.272+/-0.497 χ^2/NDF : 0.0/1

Left Out: -7.346+/-0.226 χ^2/NDF :345.0/8

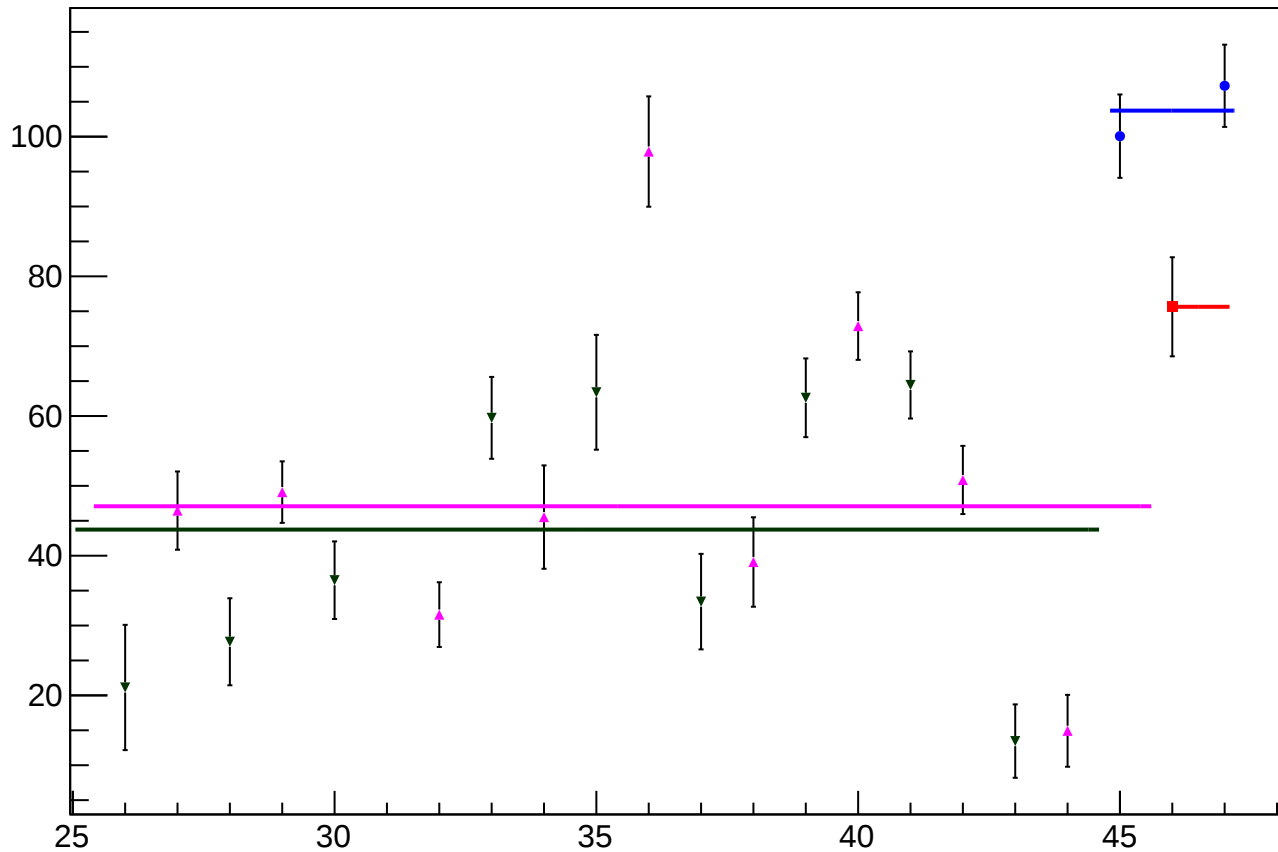
Right Out: -9.934+/-0.810 χ^2/NDF : 0.0/0

Left In: -6.747+/-0.225 χ^2/NDF :547.5/8

-7.334+/-0.206 χ^2/NDF : 345.0/10

-6.976+/-0.217 χ^2/NDF : 561.9/9

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 103.728 $\pm$ 4.191 χ^2 /NDF: 0.7/1

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

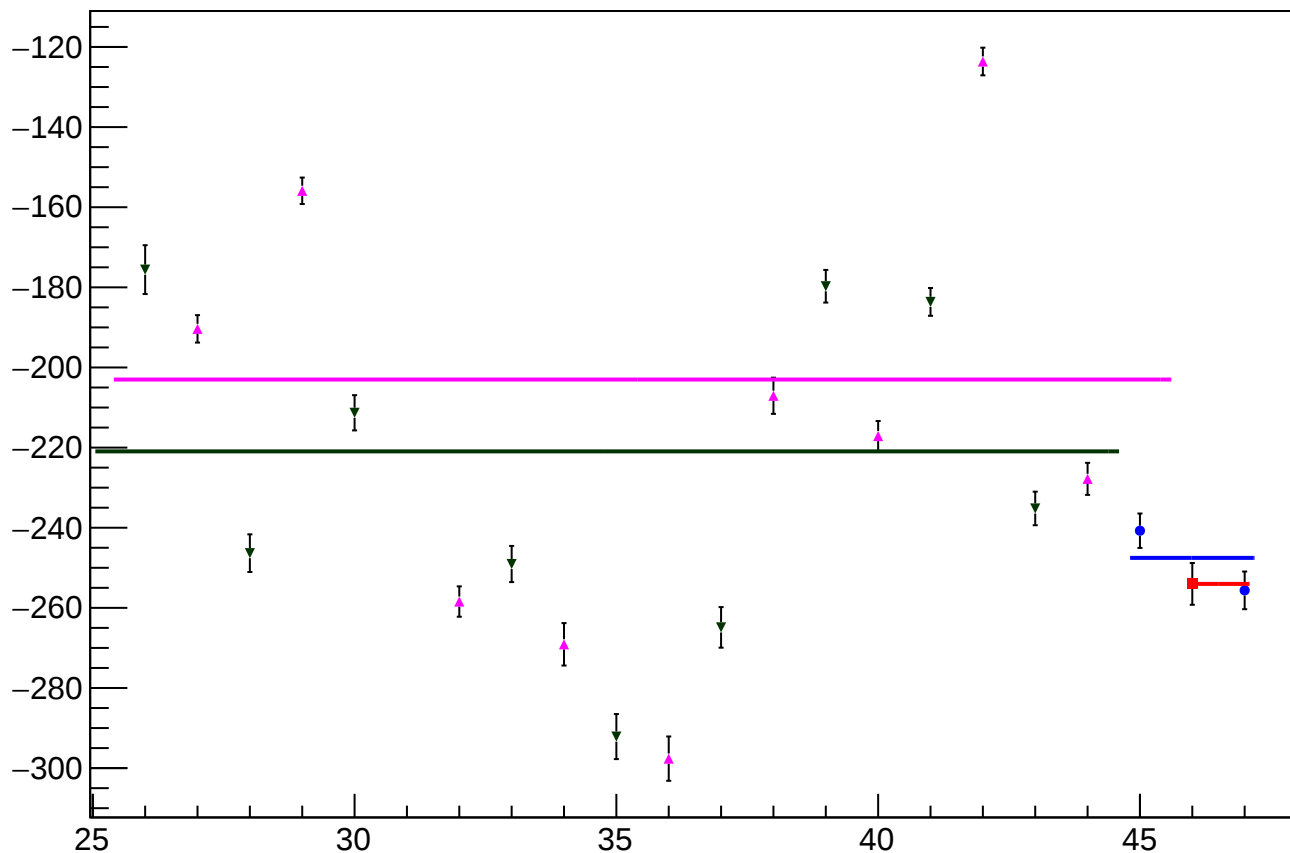
Right Out: 75.640 $\pm$ 7.094 χ^2 /NDF: 0.0/0

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

54.985 $\pm$ 1.815 χ^2 /NDF: 260.3/10

48.793 $\pm$ 1.738 χ^2 /NDF: 137.7/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -247.524+/-3.170 χ^2/NDF : 5.5/1

Left Out: -220.942+/-1.501 χ^2/NDF : 593.2/8

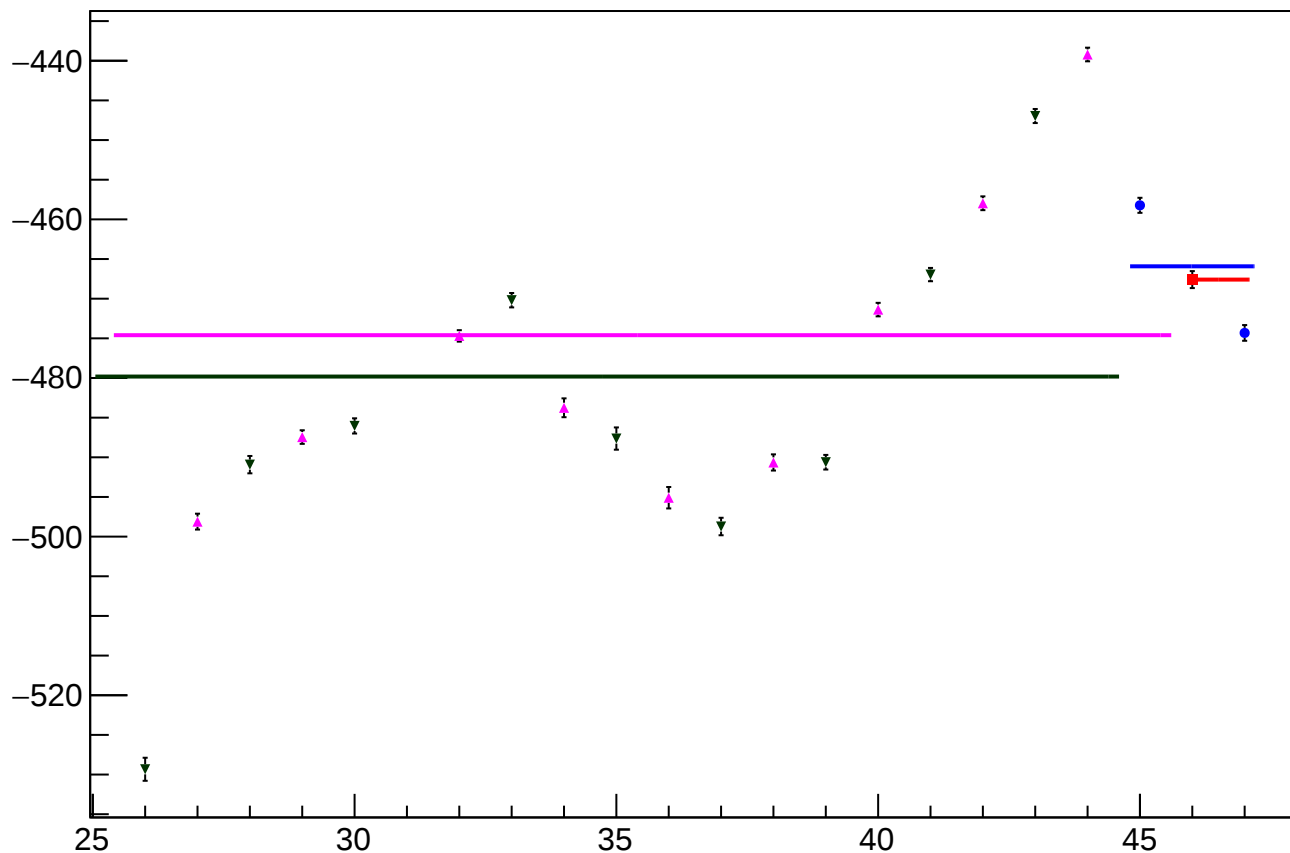
Right Out: -254.020+/-5.215 χ^2/NDF : 0.0/0

Left In: -203.009+/-1.312 χ^2/NDF : 1461.1/8

-225.808+/-1.357 χ^2/NDF : 656.1/10

-206.043+/-1.272 χ^2/NDF : 1551.1/9

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -465.919+/-0.685 χ^2/NDF : 137.6/1

Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

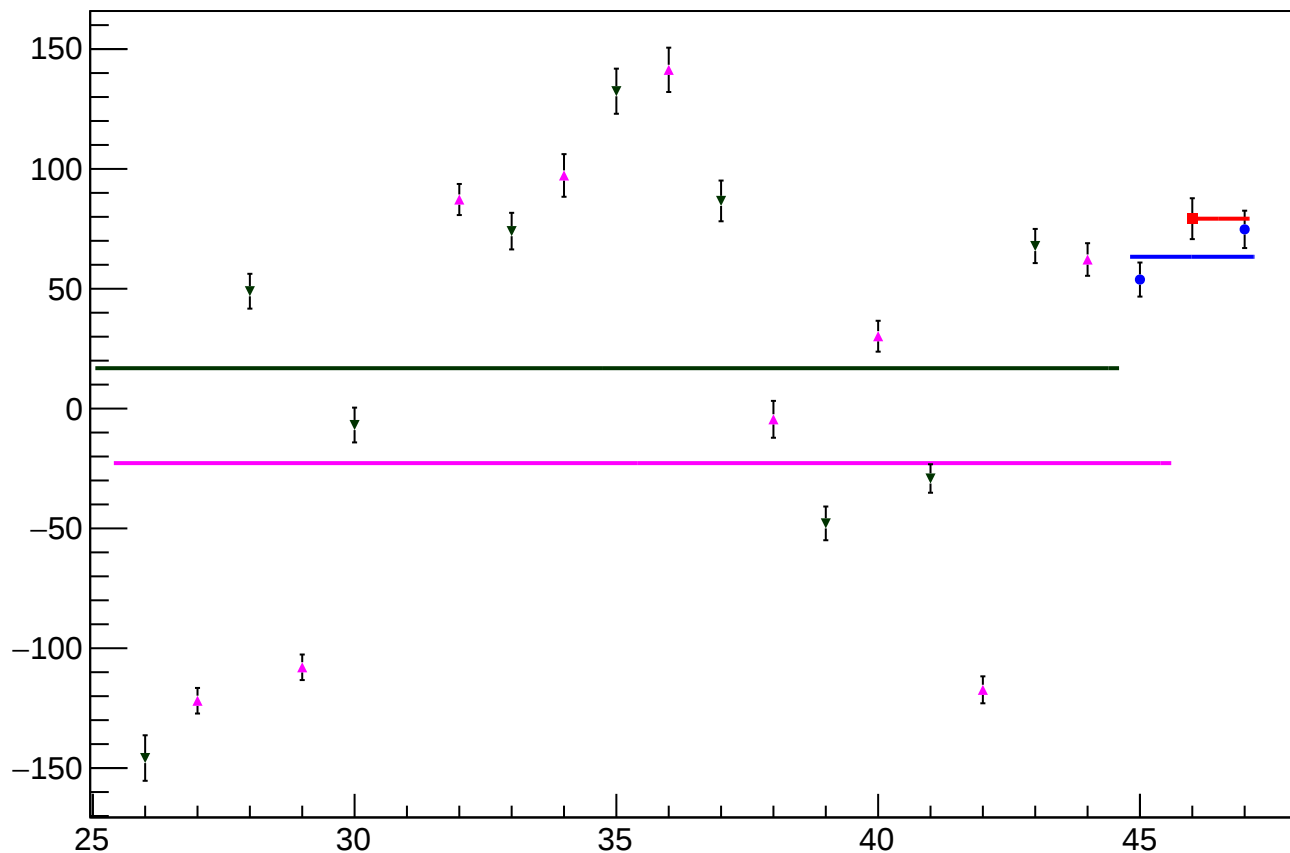
Right Out: -467.593+/-1.070 χ^2/NDF : 0.0/0

Left In: -474.602+/-0.308 χ^2/NDF : 3381.8/8

-477.111+/-0.302 χ^2/NDF : 3957.7/10

-474.066+/-0.296 χ^2/NDF : 3421.5/9

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 63.342 ± 5.252 $\chi^2/\text{NDF}: 3.9/1$

Left Out: 16.850 ± 2.504 $\chi^2/\text{NDF}: 793.7/8$

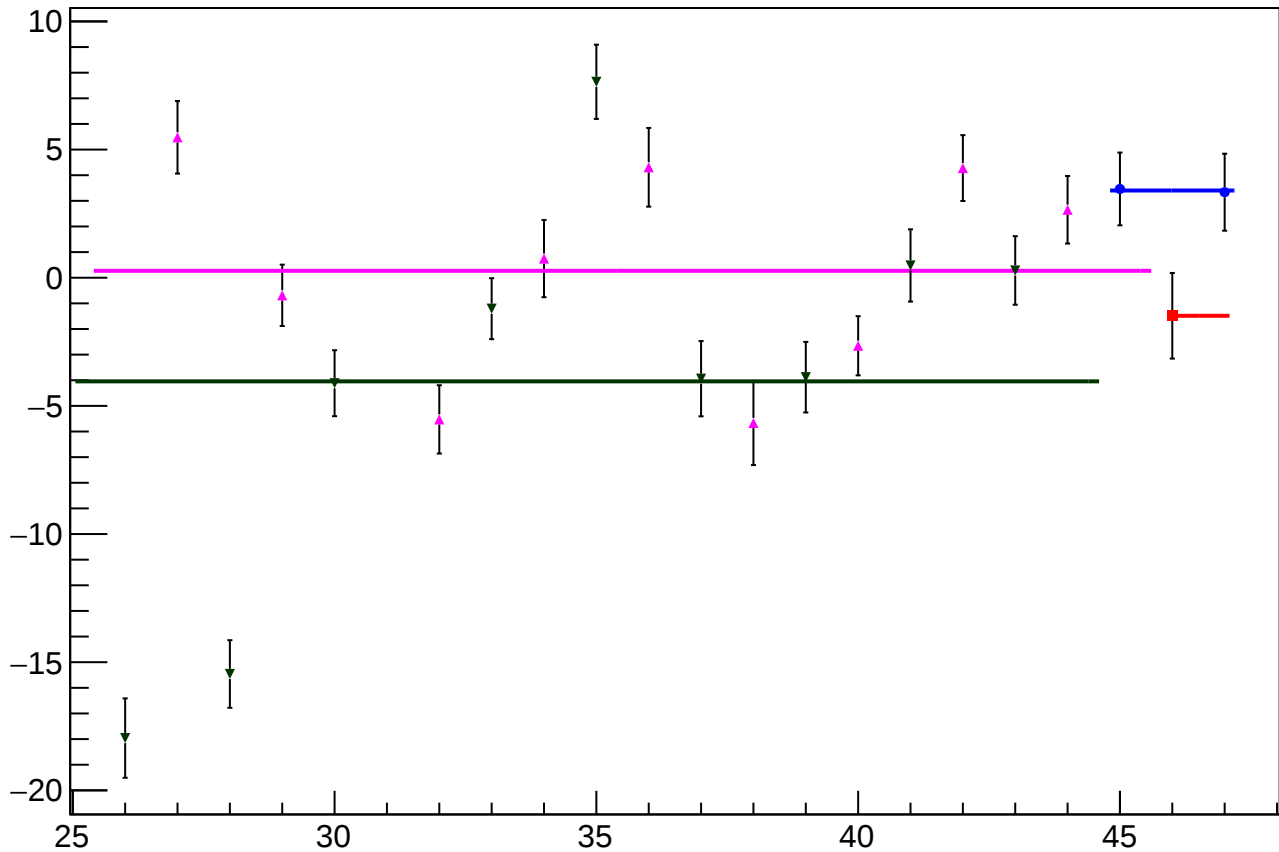
Right Out: 79.236 ± 8.529 $\chi^2/\text{NDF}: 0.0/0$

Left In: -22.758 ± 2.169 $\chi^2/\text{NDF}: 1896.5/8$

25.461 ± 2.260 $\chi^2/\text{NDF}: 861.5/10$

-16.563 ± 2.102 $\chi^2/\text{NDF}: 2030.8/9$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 3.403 $\pm$ 1.032 χ^2/NDF : 0.0/1

Left Out: -4.043 $\pm$ 0.455 χ^2/NDF : 247.2/8

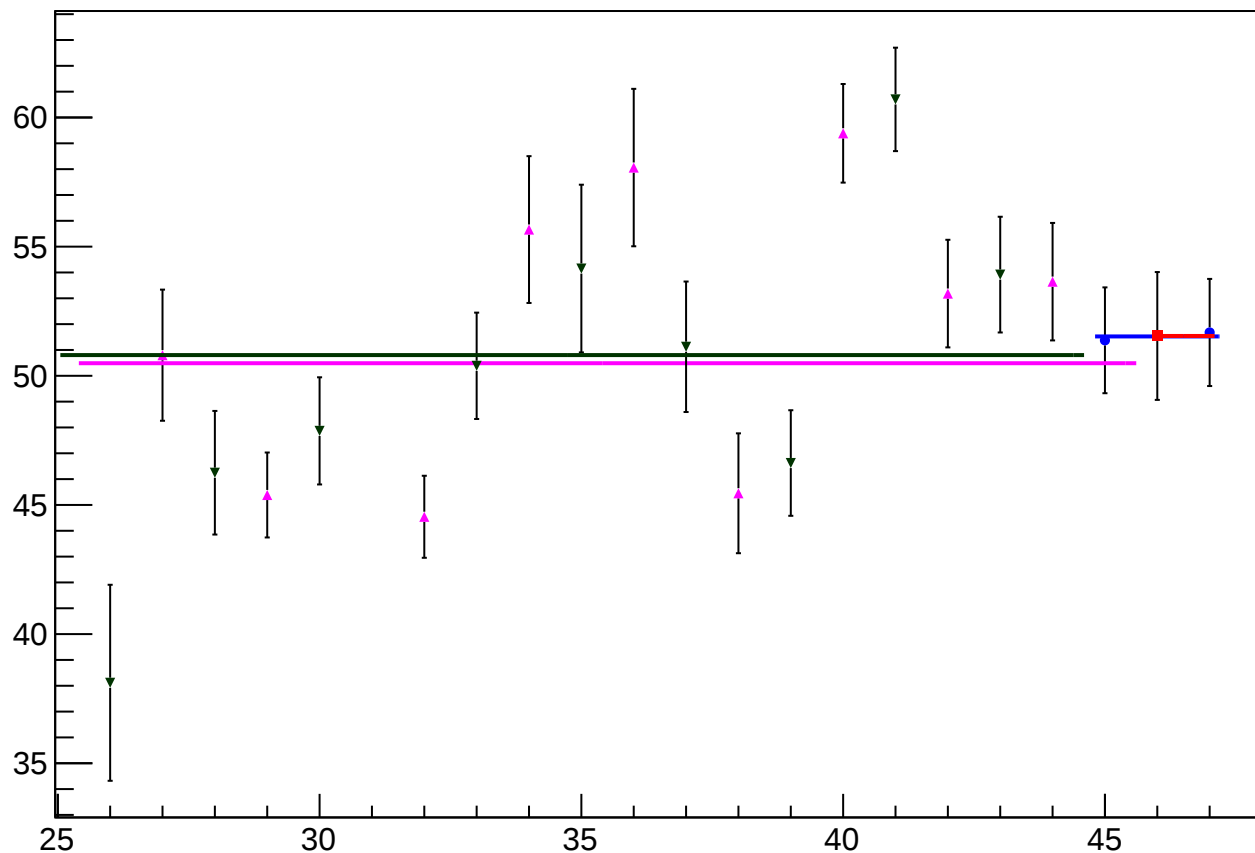
Right Out: -1.484 $\pm$ 1.671 χ^2/NDF : 0.0/0

Left In: 0.270 $\pm$ 0.450 χ^2/NDF : 72.6/8

-2.831 $\pm$ 0.416 χ^2/NDF : 290.8/10

0.151 $\pm$ 0.435 χ^2/NDF : 73.6/9

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 51.524+/-1.457 χ^2/NDF : 0.0/1

Left Out: 50.802+/-0.778 χ^2/NDF : 48.5/8

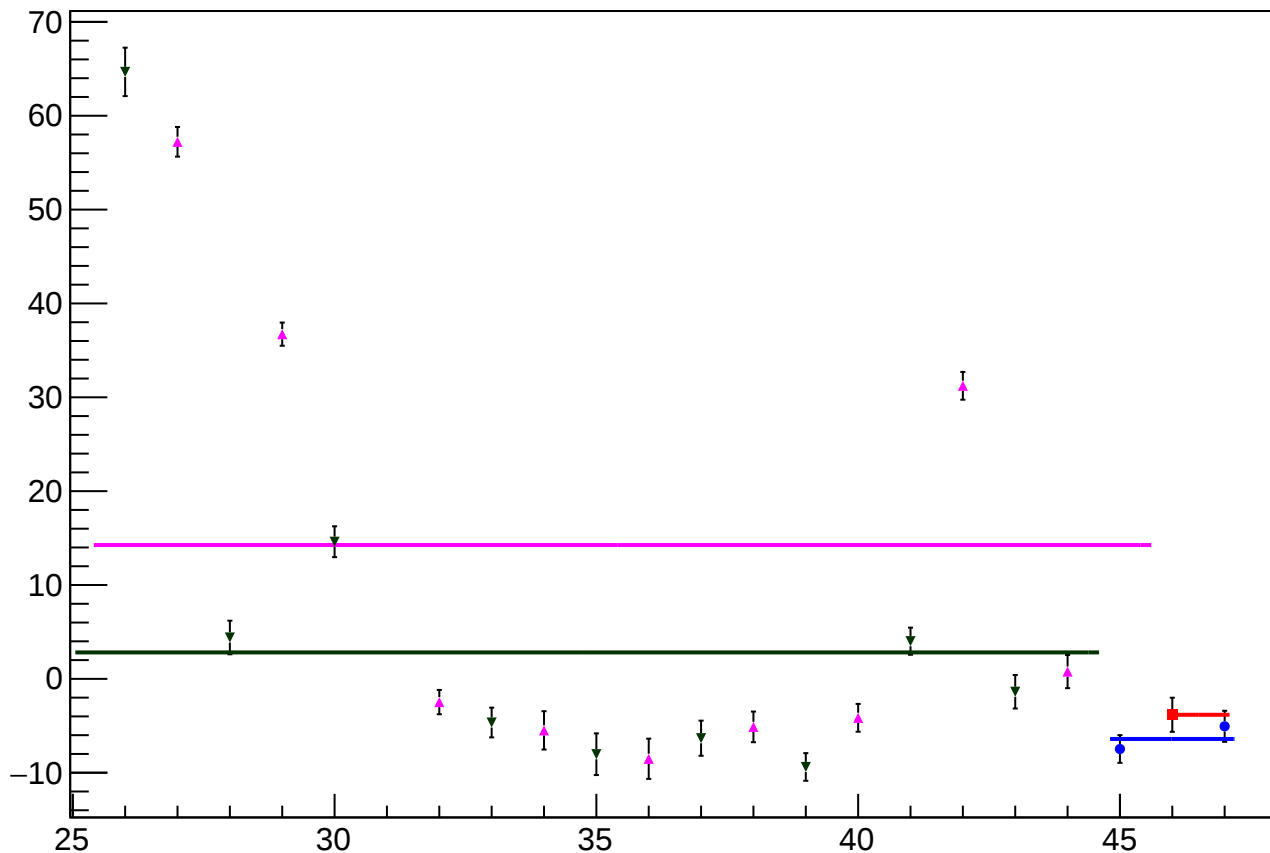
Right Out: 51.542+/-2.475 χ^2/NDF : 0.0/0

Left In: 50.487+/-0.701 χ^2/NDF : 63.2/8

50.962+/-0.686 χ^2/NDF : 48.7/10

50.565+/-0.674 χ^2/NDF : 63.4/9

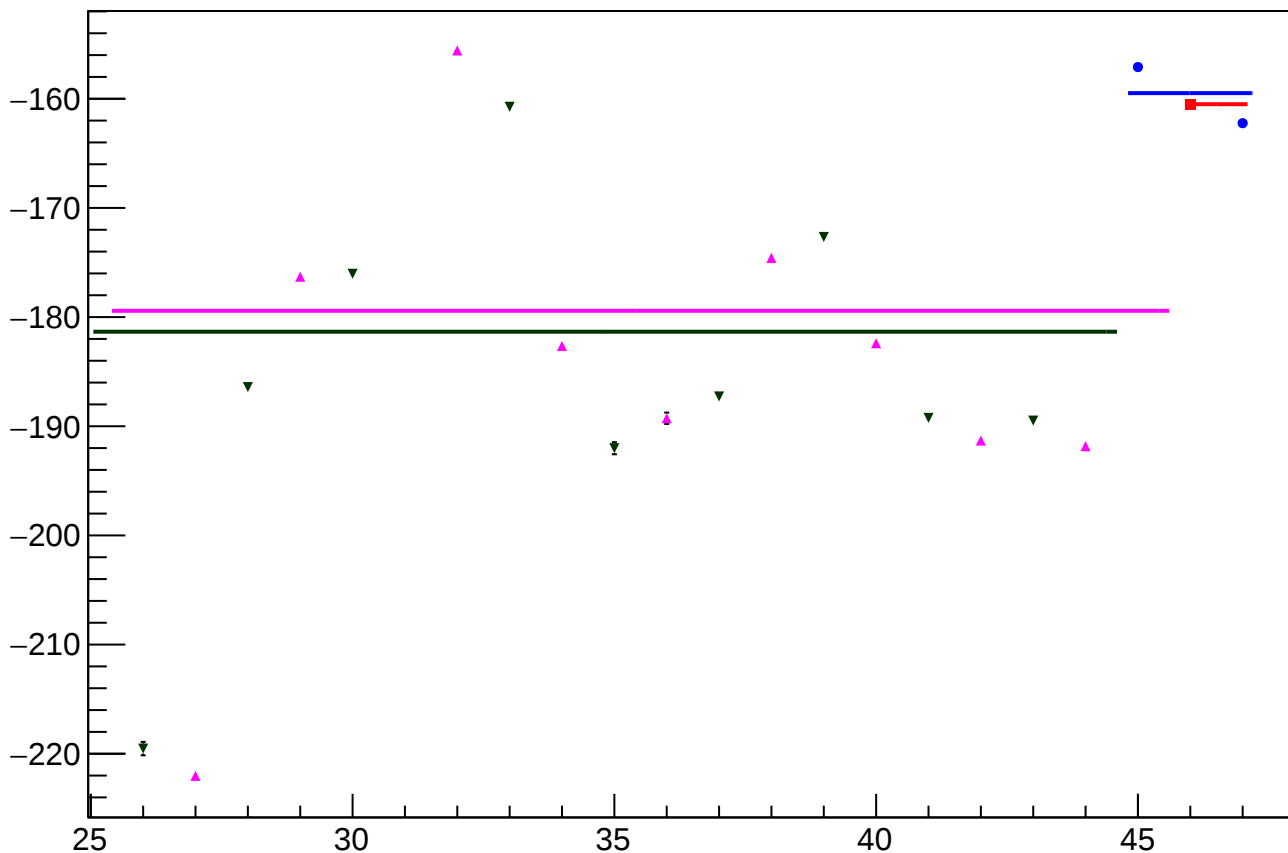
reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.403+/-1.101 χ^2/NDF : 1.2/1
 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

0.815+/-0.513 χ^2/NDF : 827.7/10
 12.897+/-0.499 χ^2/NDF : 2017.5/9

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -159.484+/-0.238 χ^2/NDF : 116.1/1

Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

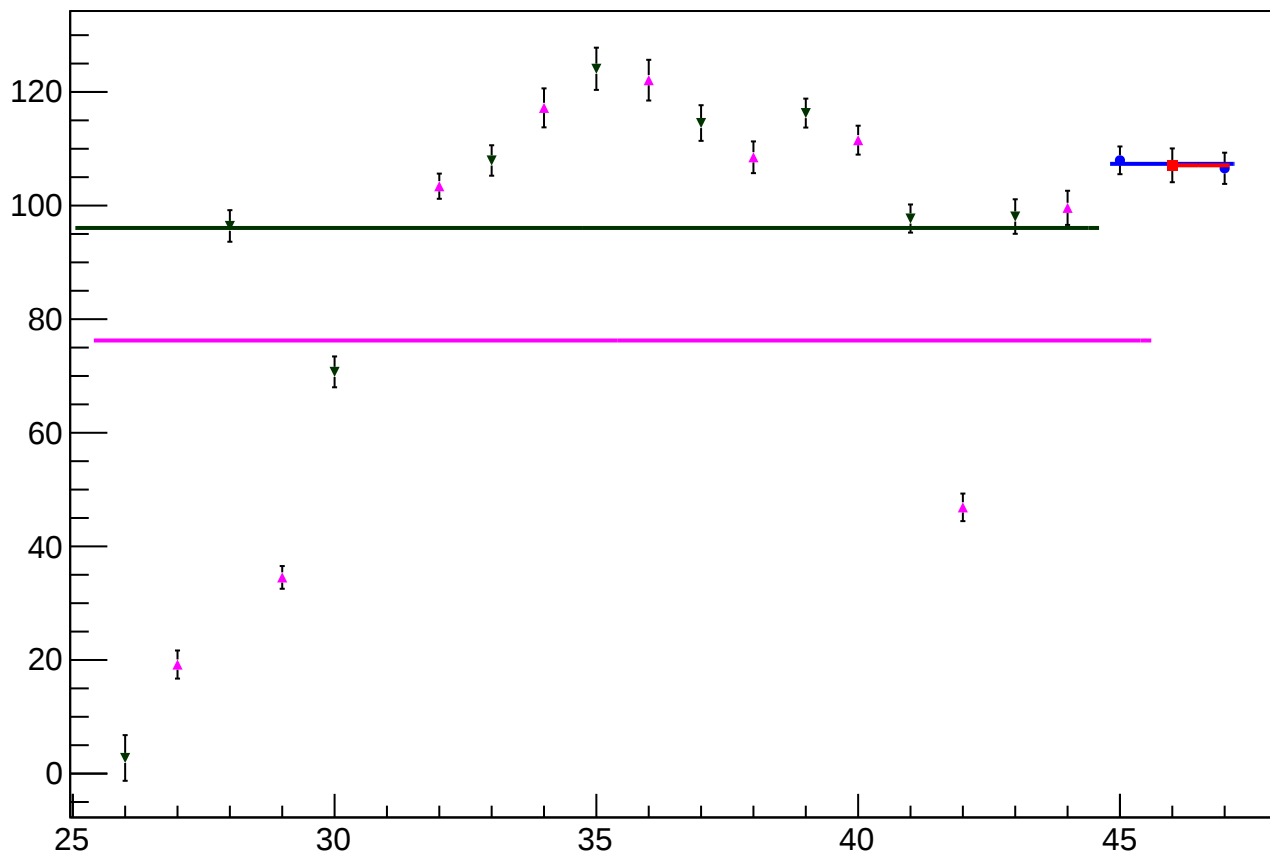
Right Out: -160.500+/-0.373 χ^2/NDF : 0.0/0

Left In: -179.424+/-0.120 χ^2/NDF : 21031.4/8

-176.338+/-0.114 χ^2/NDF : 17251.0/10

-177.664+/-0.114 χ^2/NDF : 23361.0/9

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 107.345 $\pm$ 1.824 χ^2 /NDF: 0.1/1

Left Out: 96.058 $\pm$ 0.969 χ^2 /NDF:800.7/8

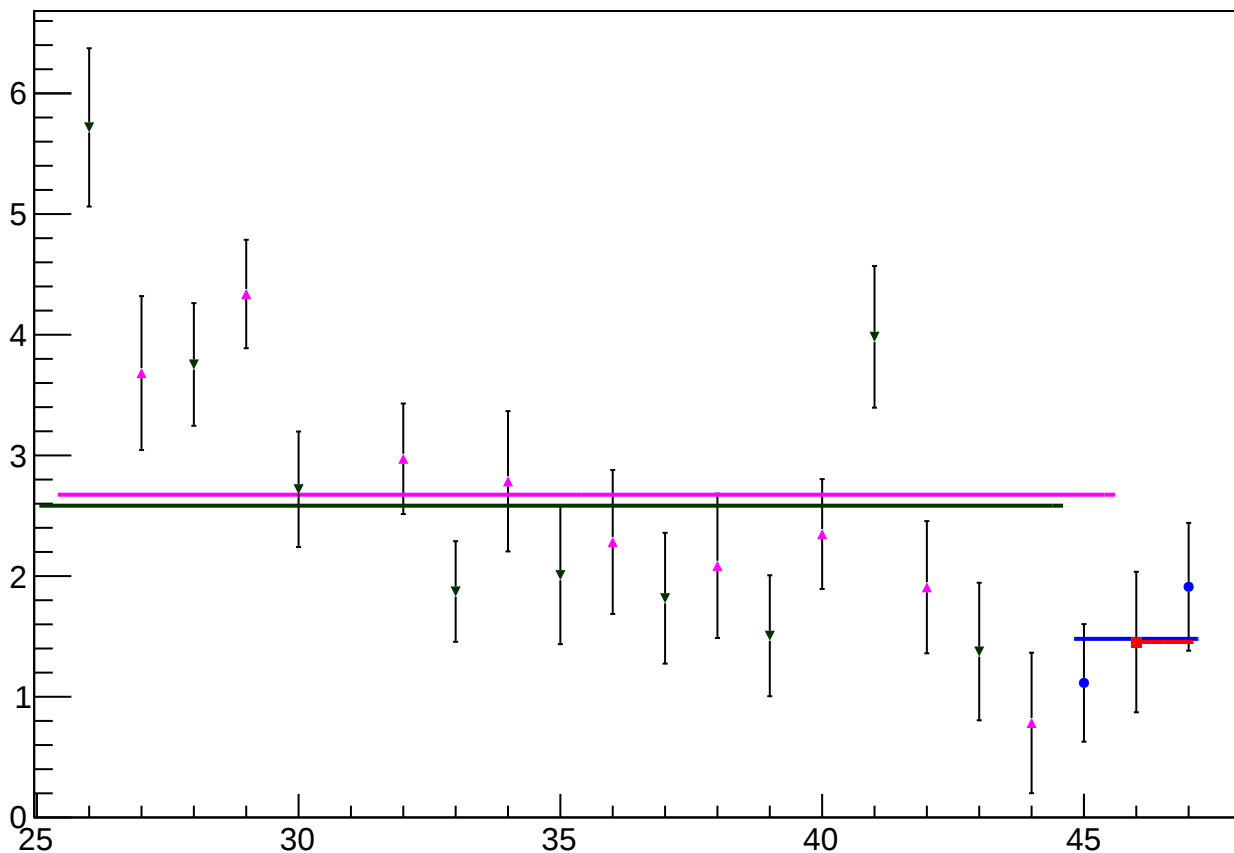
Right Out: 107.084 $\pm$ 2.975 χ^2 /NDF: 0.0/0

Left In: 76.247 $\pm$ 0.863 χ^2 /NDF:1954.9/8

98.542 $\pm$ 0.856 χ^2 /NDF: 830.8/10

78.641 $\pm$ 0.829 χ^2 /NDF: 2054.0/9

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.480 $\pm$ 0.359 χ^2 /NDF: 1.2/1

Left Out: 2.583 $\pm$ 0.175 χ^2 /NDF: 49.0/8

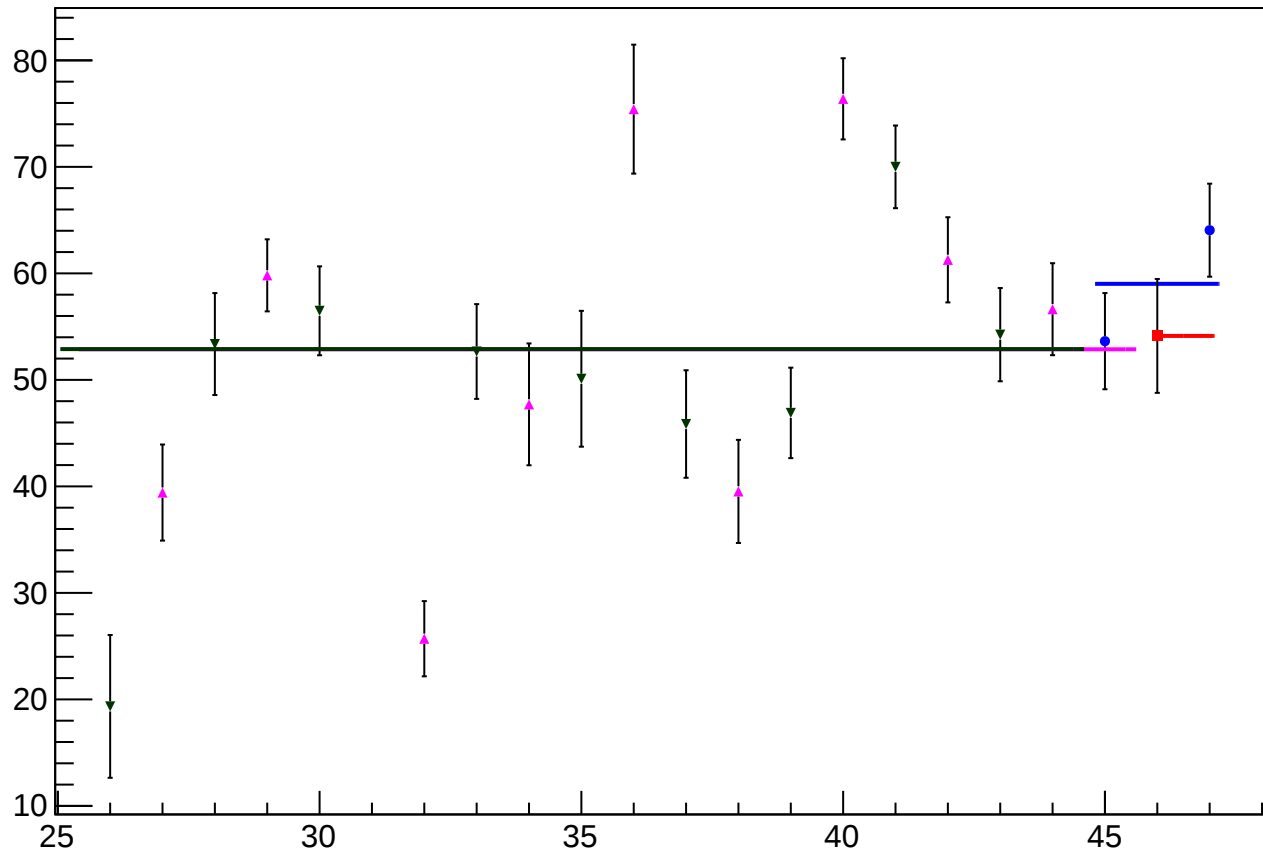
Right Out: 1.454 $\pm$ 0.582 χ^2 /NDF: 0.0/0

Left In: 2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.372 $\pm$ 0.157 χ^2 /NDF: 57.8/10

2.571 $\pm$ 0.170 χ^2 /NDF: 35.1/9

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 59.017 $\pm$ 3.139 χ^2 /NDF: 2.8/1

Left Out: 52.889 $\pm$ 1.558 χ^2 /NDF: 49.5/8

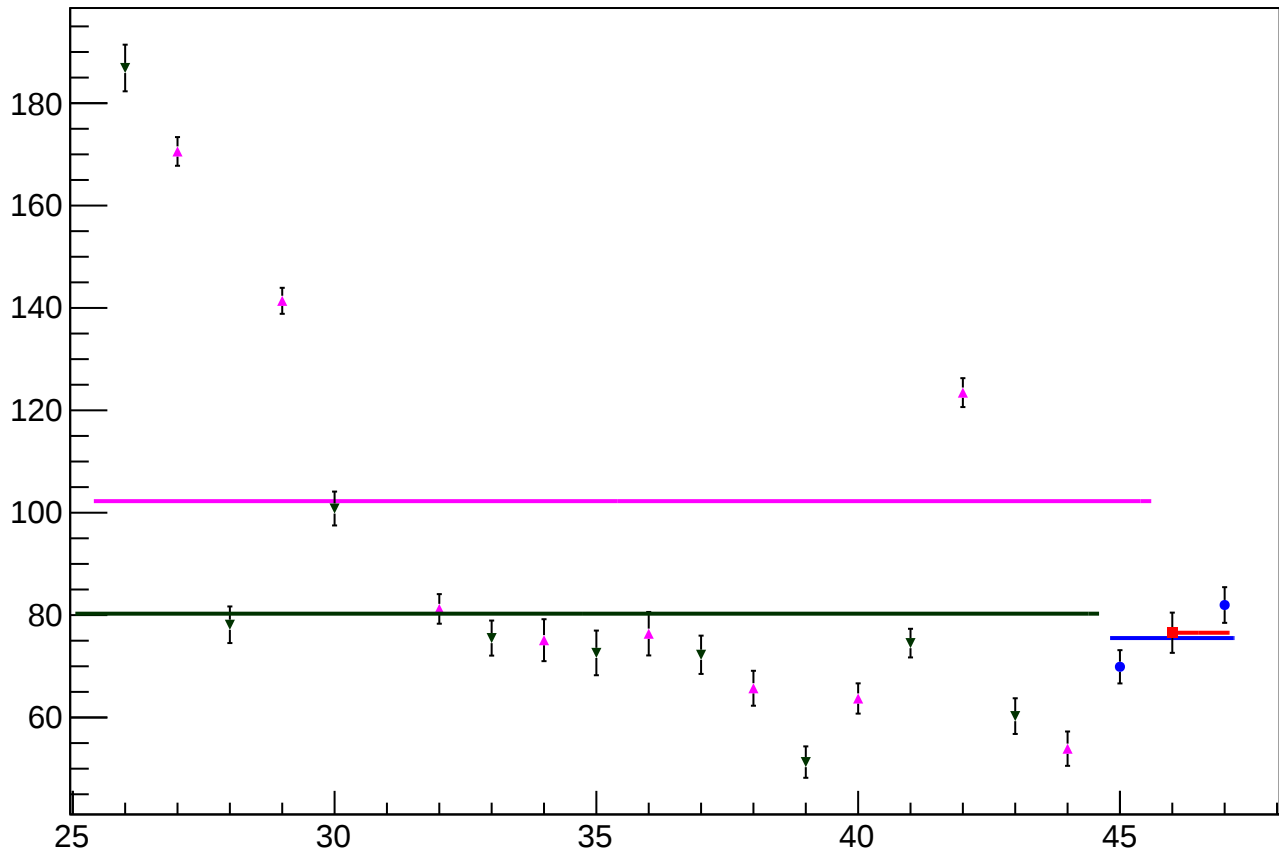
Right Out: 54.128 $\pm$ 5.347 χ^2 /NDF: 0.0/0

Left In: 52.872 $\pm$ 1.411 χ^2 /NDF: 137.9/8

54.101 $\pm$ 1.396 χ^2 /NDF: 55.3/10

52.954 $\pm$ 1.364 χ^2 /NDF: 137.9/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 75.514 $\pm$ 2.377 χ^2 /NDF: 6.4/1

Left Out: 80.279 $\pm$ 1.160 χ^2 /NDF: 722.6/8

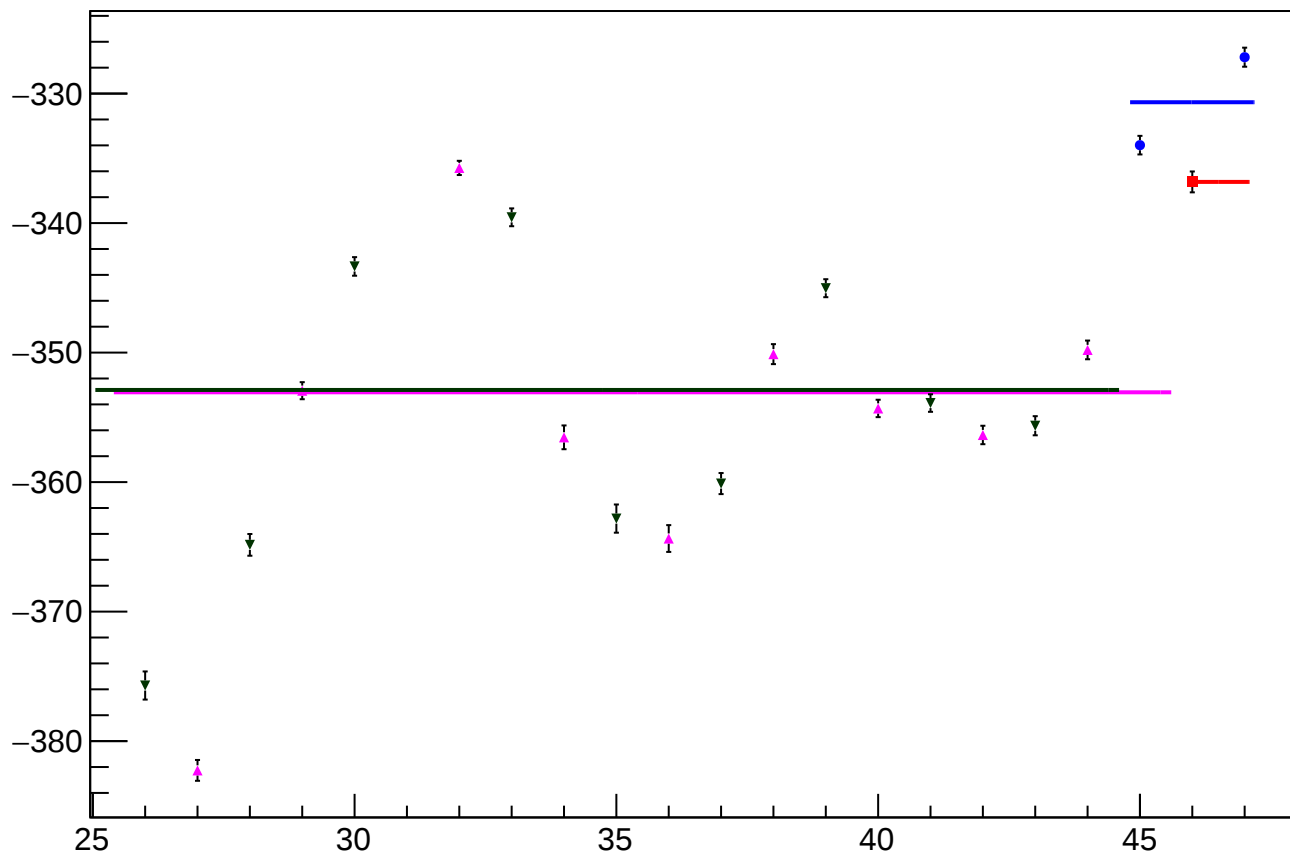
Right Out: 76.555 $\pm$ 3.929 χ^2 /NDF: 0.0/0

Left In: 102.261 $\pm$ 1.036 χ^2 /NDF: 1514.4/8

79.362 $\pm$ 1.042 χ^2 /NDF: 732.3/10

100.590 $\pm$ 1.002 χ^2 /NDF: 1554.4/9

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -330.669+/-0.514 χ^2/NDF : 43.7/1

Left Out: -352.885+/-0.260 χ^2/NDF :1502.5/8

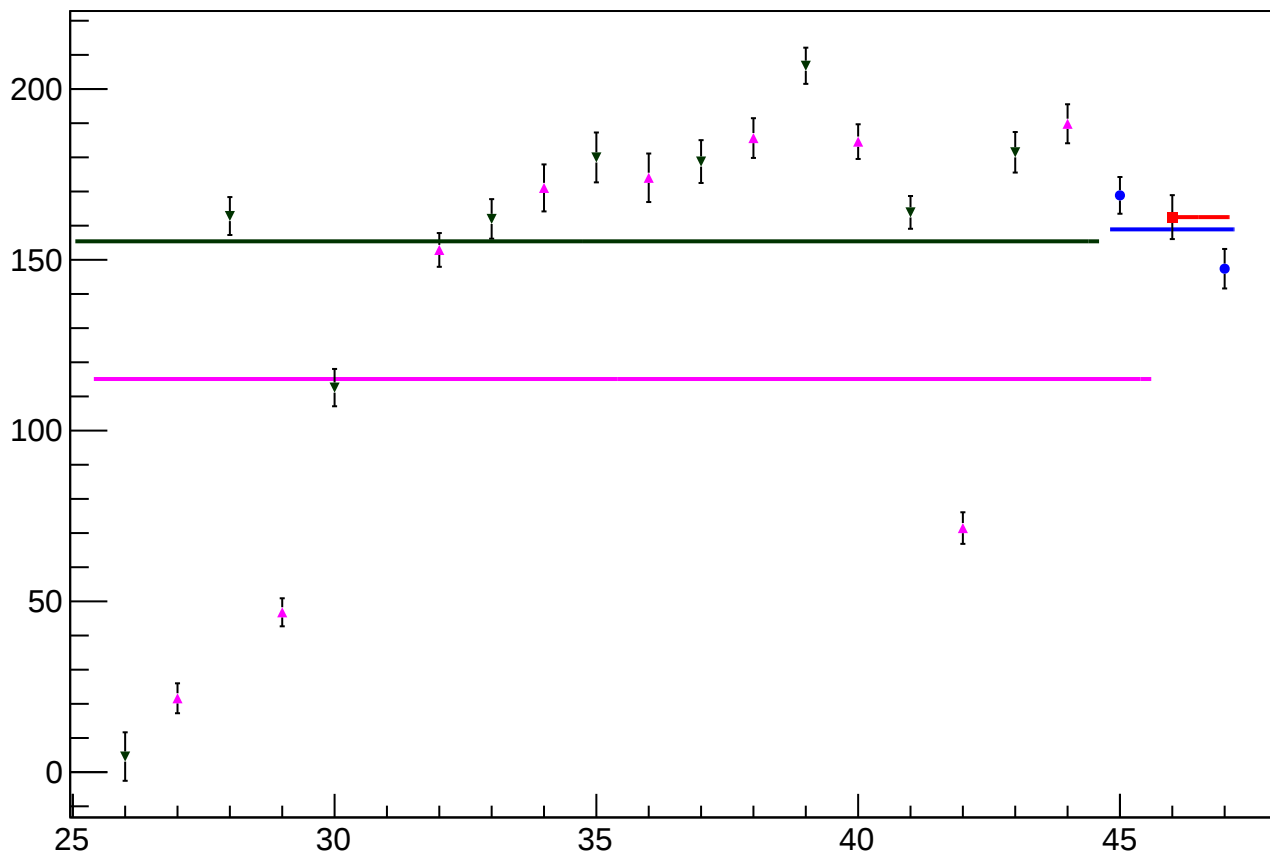
Right Out: -336.821+/-0.806 χ^2/NDF : 0.0/0

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

-348.345+/-0.232 χ^2/NDF : 3035.3/10

-351.724+/-0.232 χ^2/NDF : 2879.9/9

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 158.912 $\pm$ 3.938 χ^2/NDF : 7.4/1

Left Out: 155.417 $\pm$ 1.935 χ^2/NDF :657.8/8

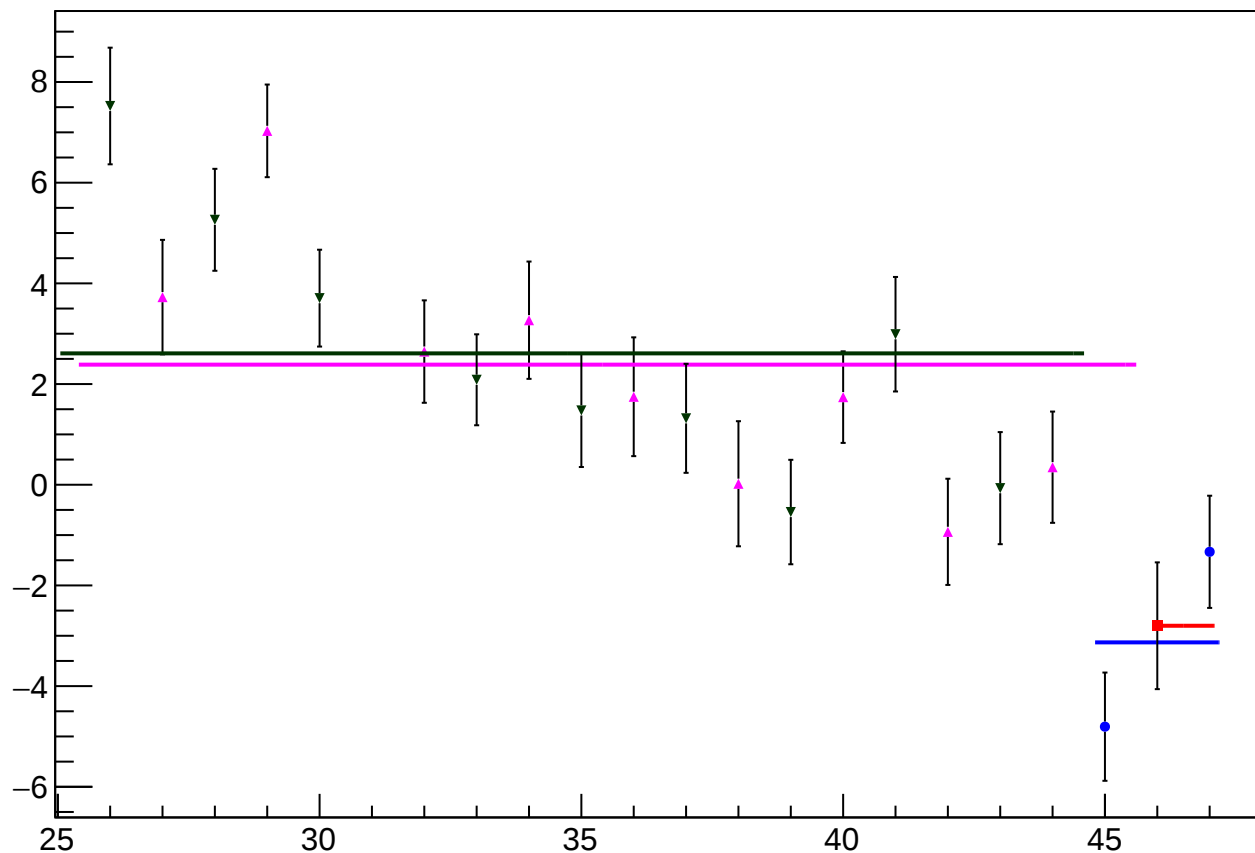
Right Out: 162.504 $\pm$ 6.431 χ^2/NDF : 0.0/0

Left In: 115.104 $\pm$ 1.717 χ^2/NDF :1520.3/8

156.096 $\pm$ 1.736 χ^2/NDF : 665.8/10

118.259 $\pm$ 1.659 χ^2/NDF : 1571.0/9

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -3.131 ± 0.774 $\chi^2/\text{NDF}: 5.0/1$

Left Out: 2.609 ± 0.350 $\chi^2/\text{NDF}: 44.1/8$

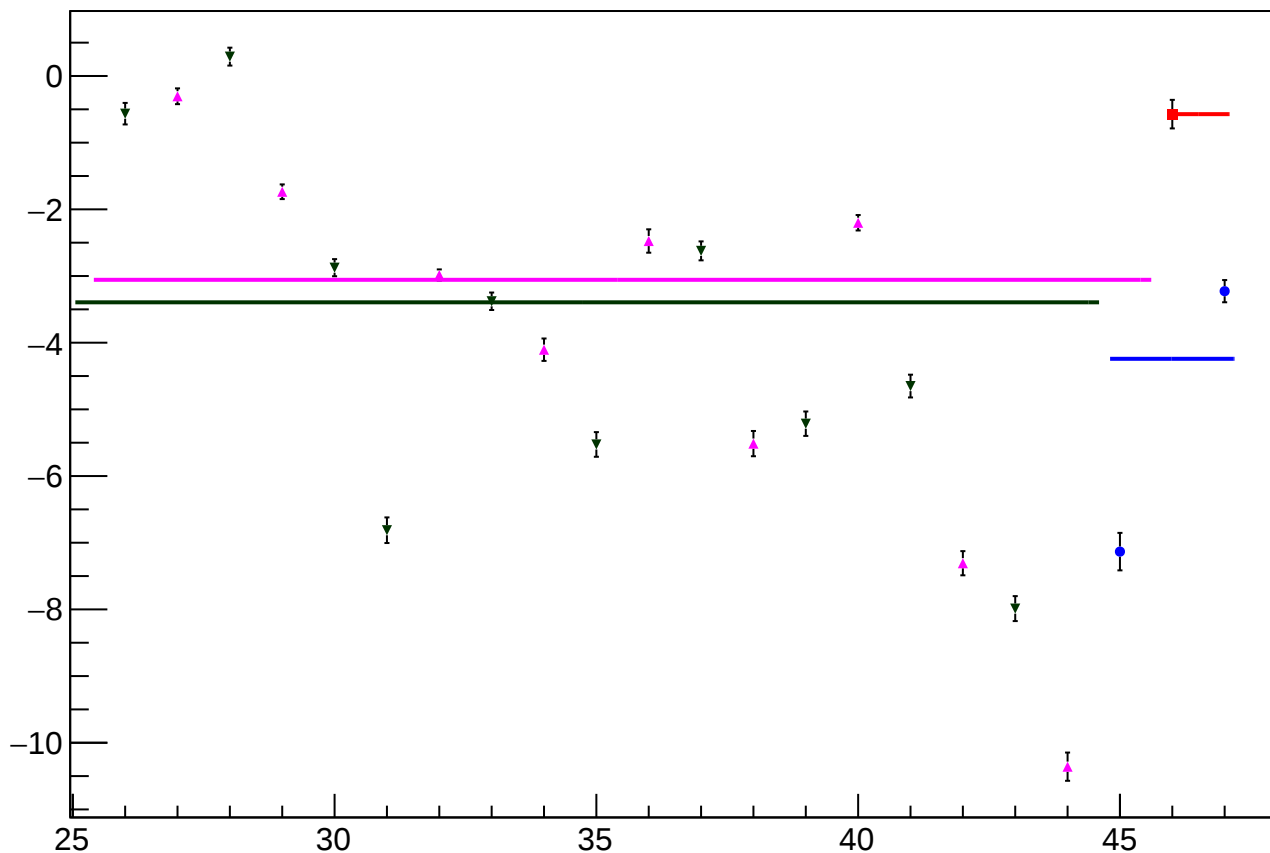
Right Out: -2.801 ± 1.259 $\chi^2/\text{NDF}: 0.0/0$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

1.636 ± 0.319 $\chi^2/\text{NDF}: 94.8/10$

2.004 ± 0.341 $\chi^2/\text{NDF}: 61.0/9$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -4.242+/-0.143 χ^2/NDF : 143.0/1

Left Out: -3.394+/-0.049 χ^2/NDF :2310.5/9

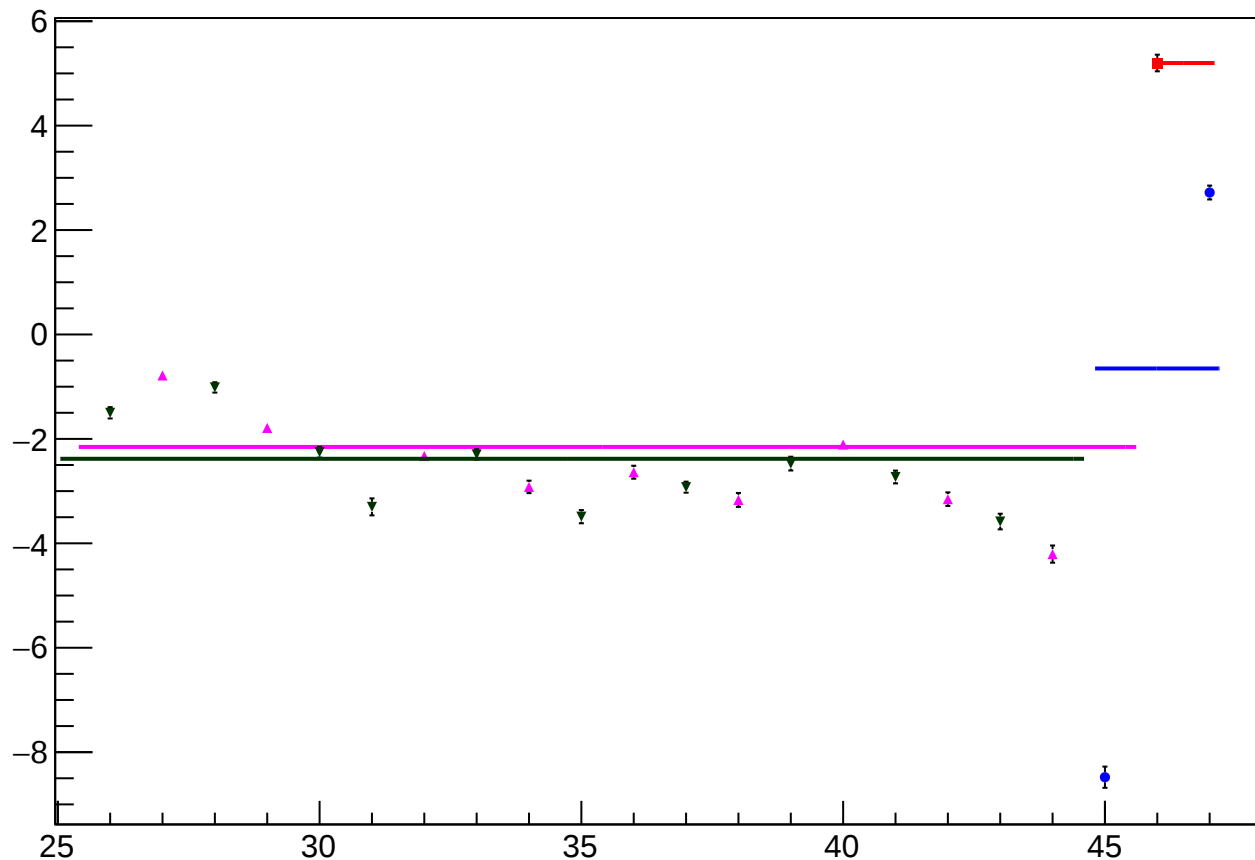
Right Out: -0.572+/-0.214 χ^2/NDF : 0.0/0

Left In: -3.057+/-0.044 χ^2/NDF :2696.4/8

-3.484+/-0.047 χ^2/NDF : 2484.7/11

-2.956+/-0.043 χ^2/NDF : 2825.5/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: -0.651 ± 0.111 χ^2/NDF : 2125.4/1

Left Out: -2.381 ± 0.037 χ^2/NDF : 466.1/9

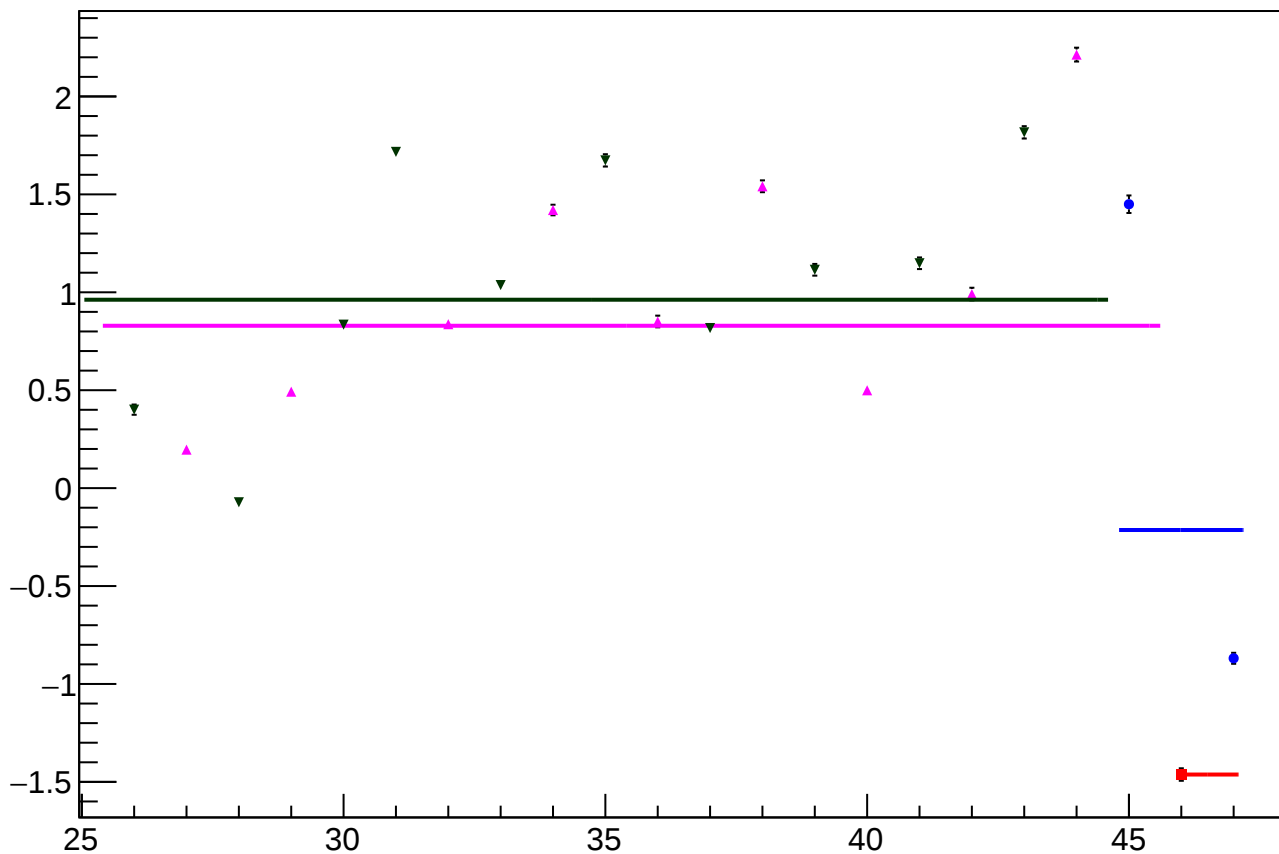
Right Out: 5.199 ± 0.159 χ^2/NDF : 0.0/0

Left In: -2.154 ± 0.032 χ^2/NDF : 703.0/8

-2.211 ± 0.035 χ^2/NDF : 2808.9/11

-1.861 ± 0.032 χ^2/NDF : 2744.2/9

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.214 $\pm$ 0.024 χ^2 /NDF: 1923.7/1

Left Out: 0.962 $\pm$ 0.008 χ^2 /NDF: 4690.6/9

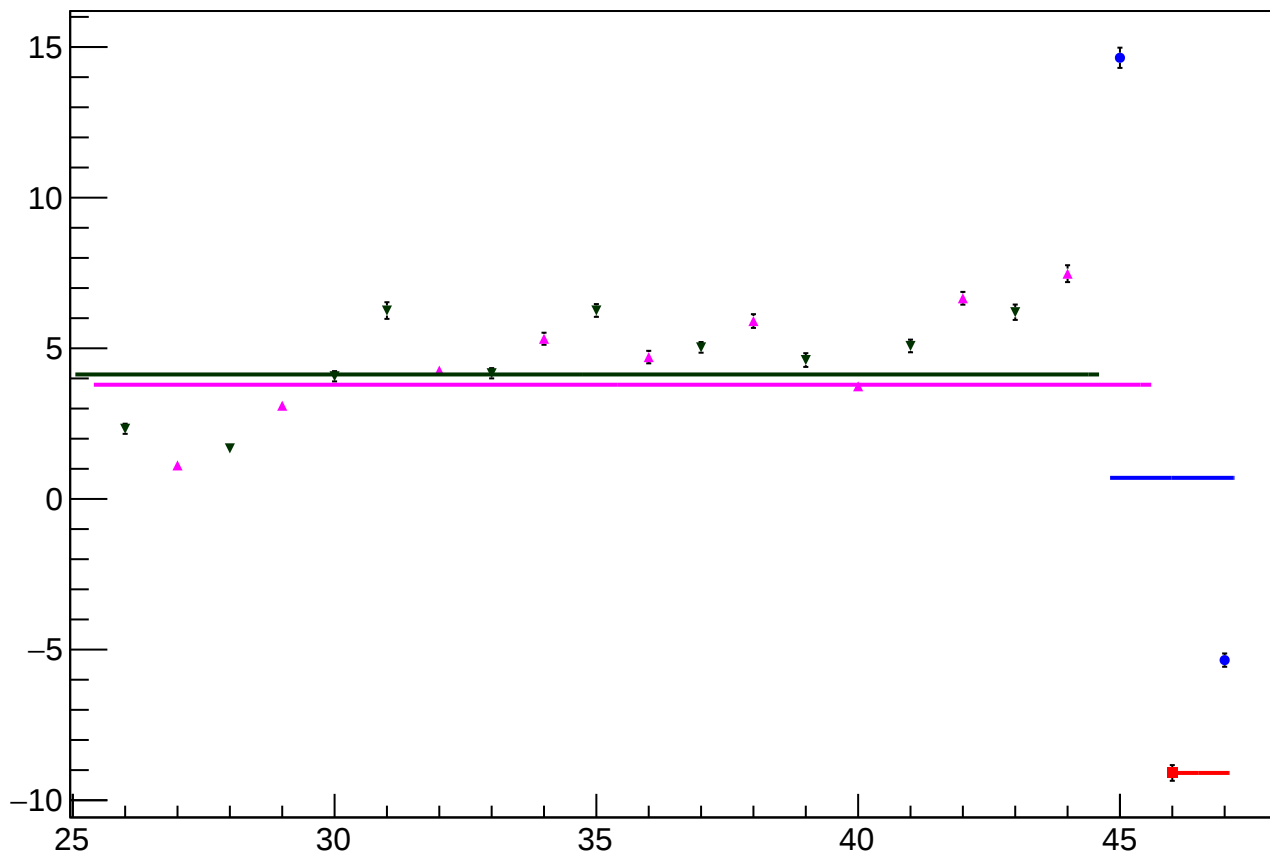
Right Out: -1.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left In: 0.829 $\pm$ 0.007 χ^2 /NDF: 3974.9/8

0.843 $\pm$ 0.008 χ^2 /NDF: 8808.3/11

0.711 $\pm$ 0.007 χ^2 /NDF: 8846.7/9

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: 0.701 ± 0.185 χ^2/NDF : 2471.7/1

Left Out: 4.132 ± 0.061 χ^2/NDF : 639.2/9

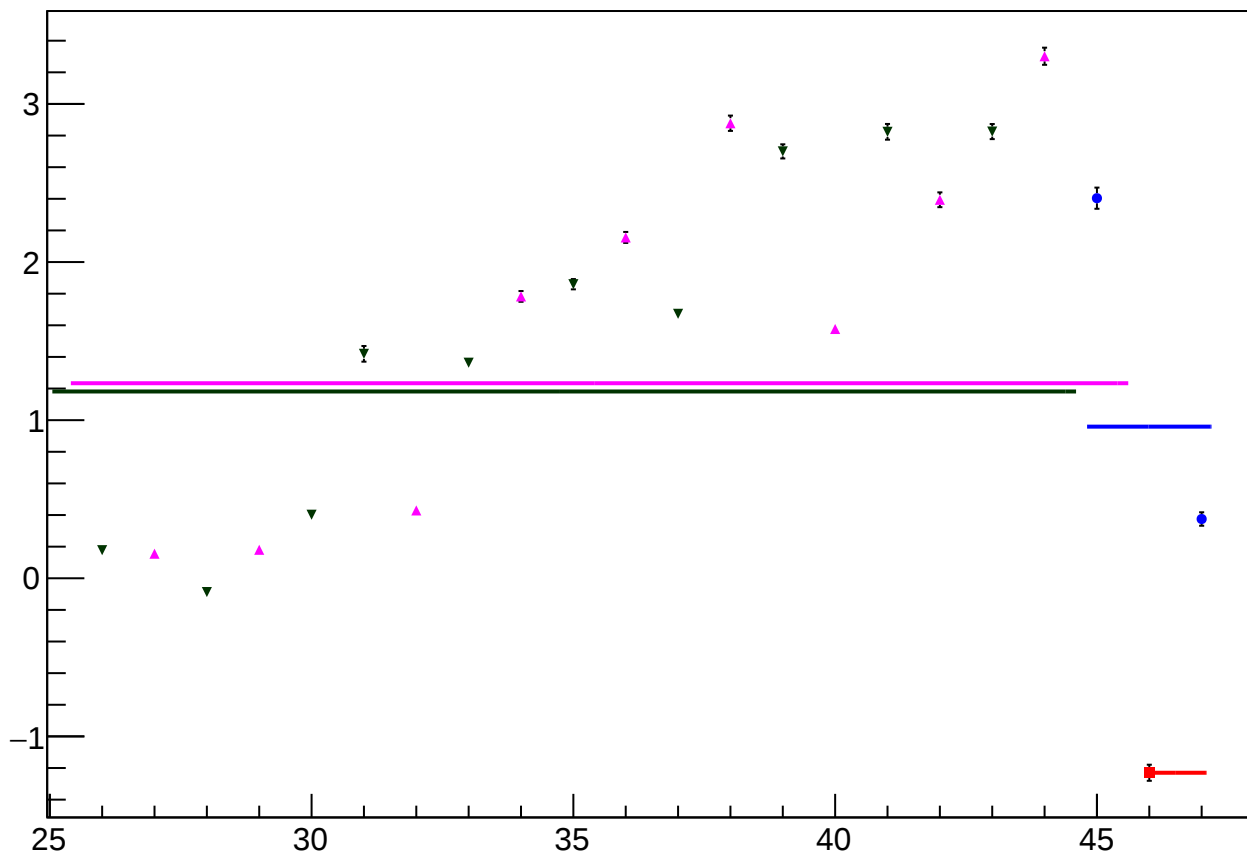
Right Out: -9.094 ± 0.261 χ^2/NDF : 0.0/0

Left In: 3.791 ± 0.054 χ^2/NDF : 1110.0/8

3.796 ± 0.058 χ^2/NDF : 3422.1/11

3.267 ± 0.053 χ^2/NDF : 3451.9/9

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: 0.959 $\pm$ 0.036 χ^2 /NDF: 653.6/1

Left Out: 1.181 $\pm$ 0.011 χ^2 /NDF: 8123.1/9

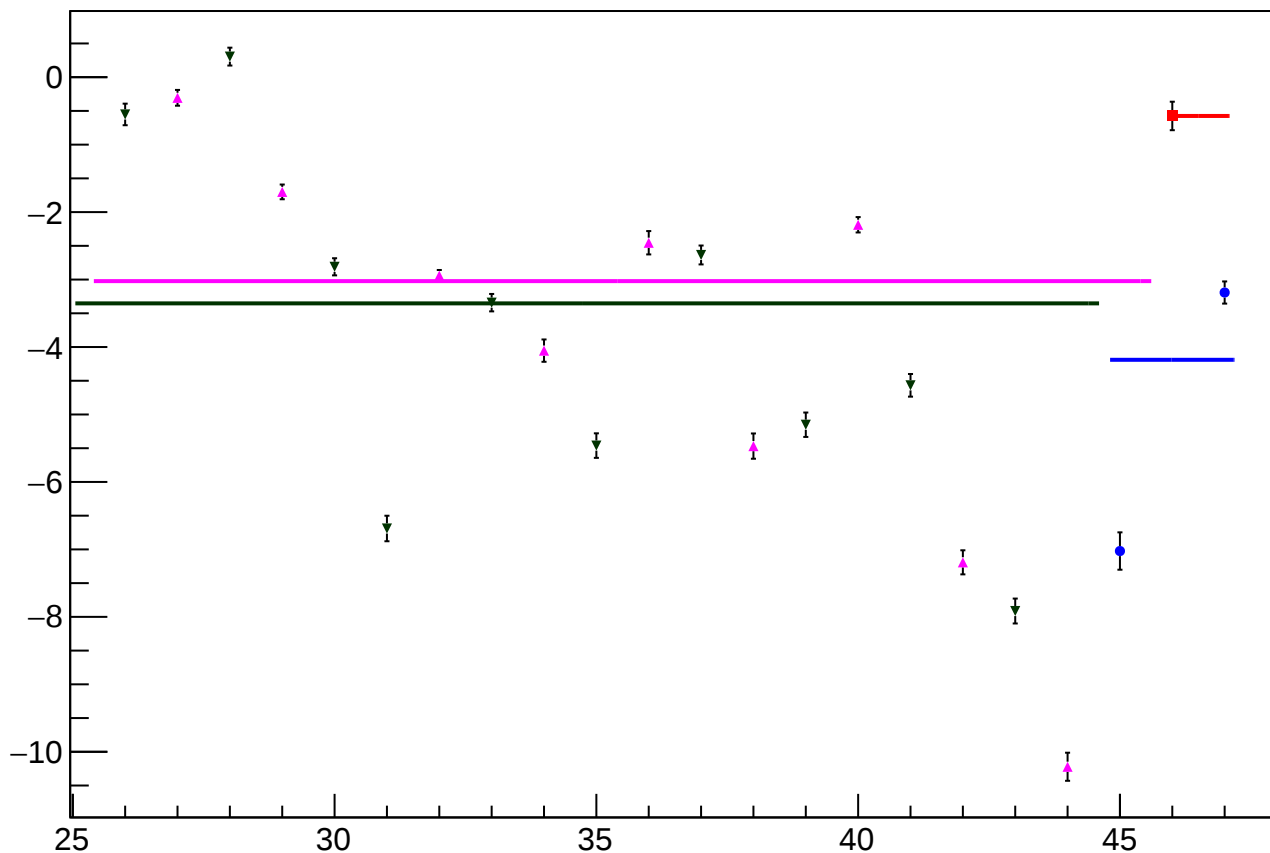
Right Out: -1.230 $\pm$ 0.051 χ^2 /NDF: 0.0/0

Left In: 1.234 $\pm$ 0.011 χ^2 /NDF: 7862.9/8

1.163 $\pm$ 0.010 χ^2 /NDF: 8811.9/11

1.121 $\pm$ 0.011 χ^2 /NDF: 10100.4/9

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -4.189 ± 0.141 χ^2/NDF : 141.6/1

Left Out: -3.353 ± 0.049 χ^2/NDF : 2320.8/9

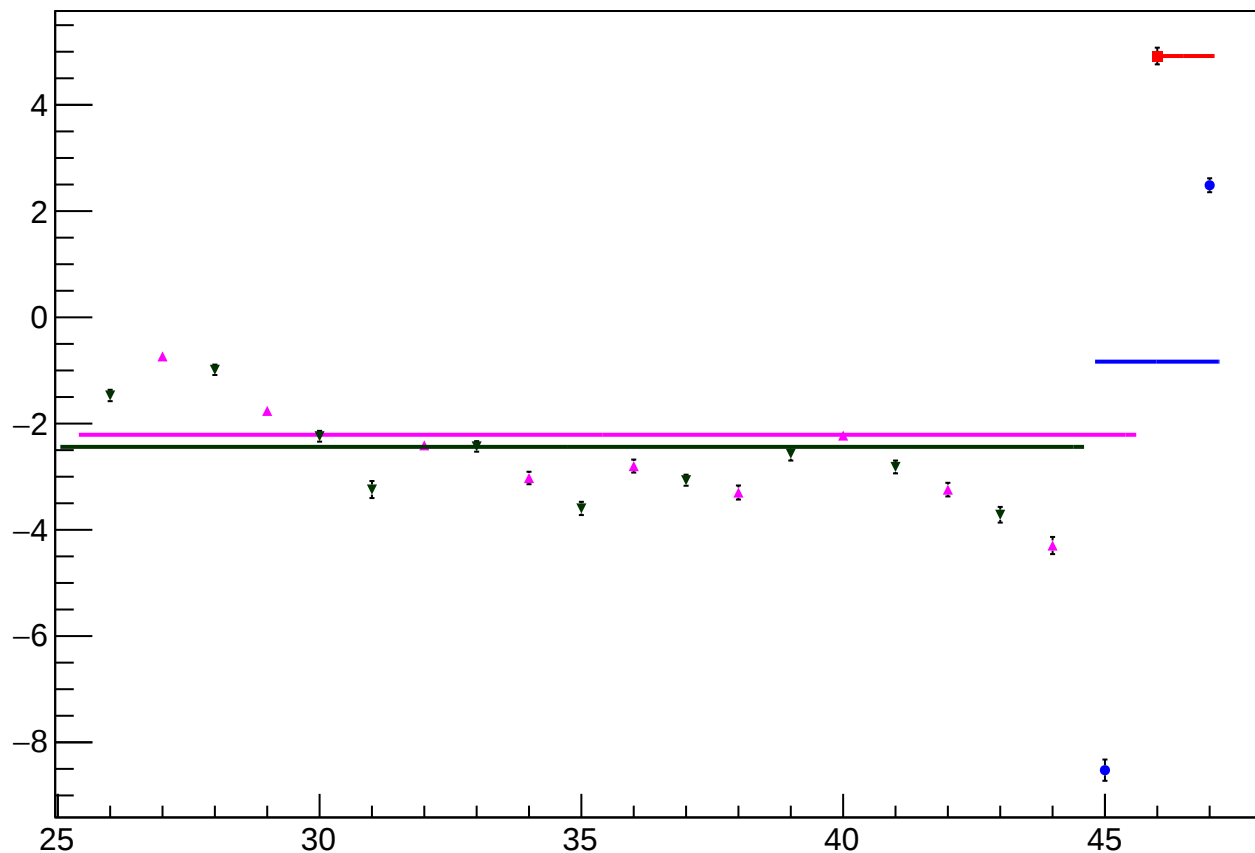
Right Out: -0.575 ± 0.211 χ^2/NDF : 0.0/0

Left In: -3.023 ± 0.043 χ^2/NDF : 2702.0/8

-3.442 ± 0.046 χ^2/NDF : 2493.7/11

-2.924 ± 0.043 χ^2/NDF : 2831.0/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: -0.834+/-0.110 χ^2/NDF : 2115.0/1

Left Out: -2.438+/-0.036 χ^2/NDF : 538.5/9

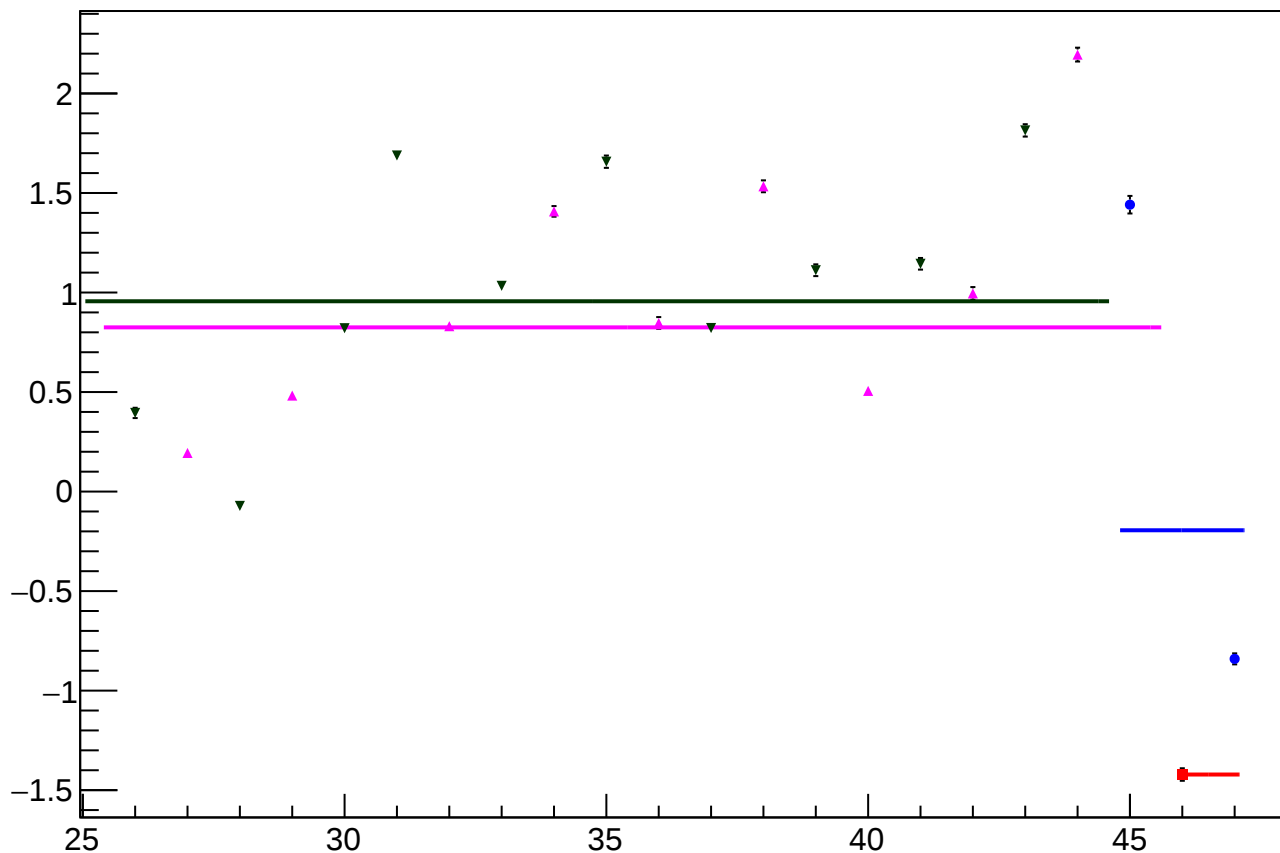
Right Out: 4.919+/-0.157 χ^2/NDF : 0.0/0

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

-2.280+/-0.034 χ^2/NDF : 2845.7/11

-1.926+/-0.031 χ^2/NDF : 2796.2/9

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.194 ± 0.023 χ^2/NDF : 1917.3/1

Left Out: 0.956 ± 0.008 χ^2/NDF : 4739.0/9

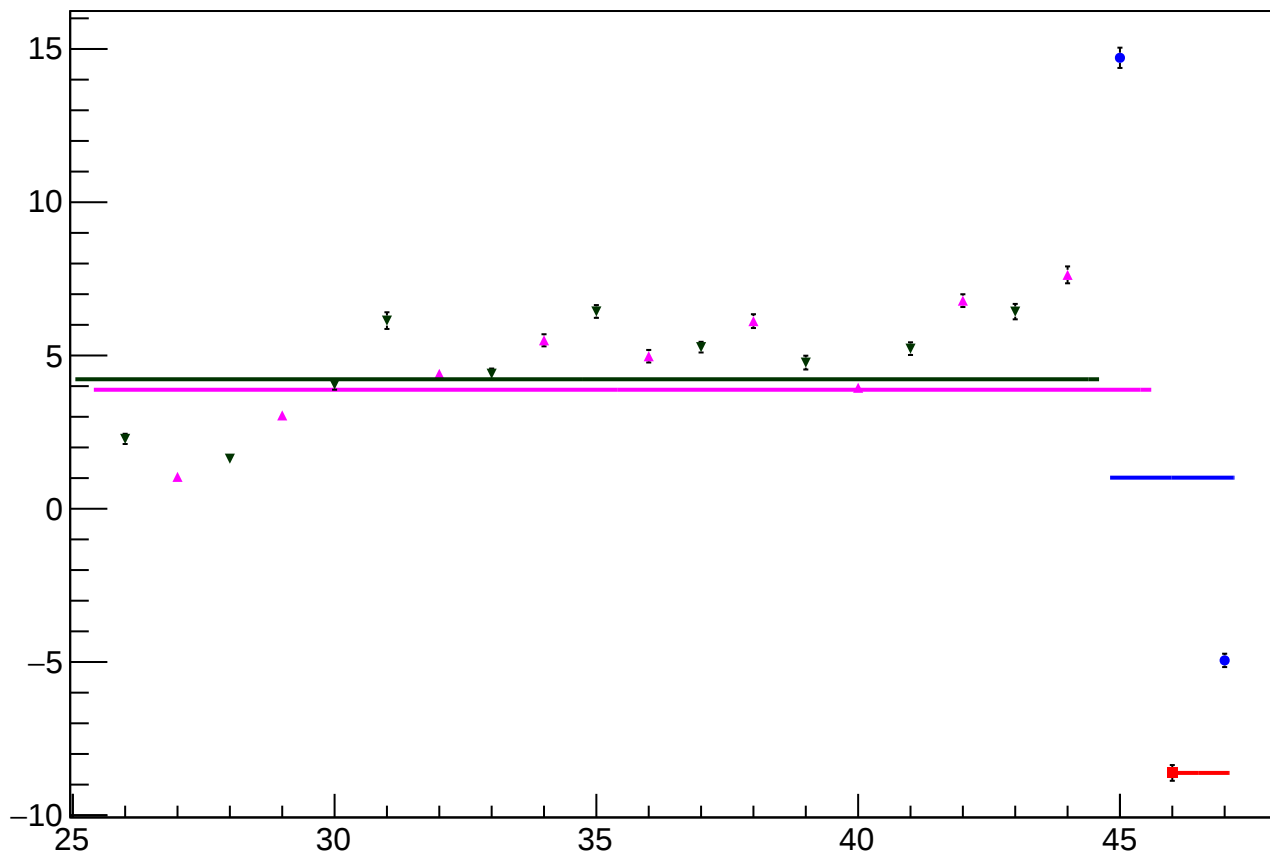
Right Out: -1.421 ± 0.032 χ^2/NDF : 0.0/0

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.840 ± 0.007 χ^2/NDF : 8815.2/11

0.709 ± 0.007 χ^2/NDF : 8845.0/9

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: 1.014+/-0.182 χ^2/NDF : 2459.8/1

Left Out: 4.225+/-0.060 χ^2/NDF : 727.8/9

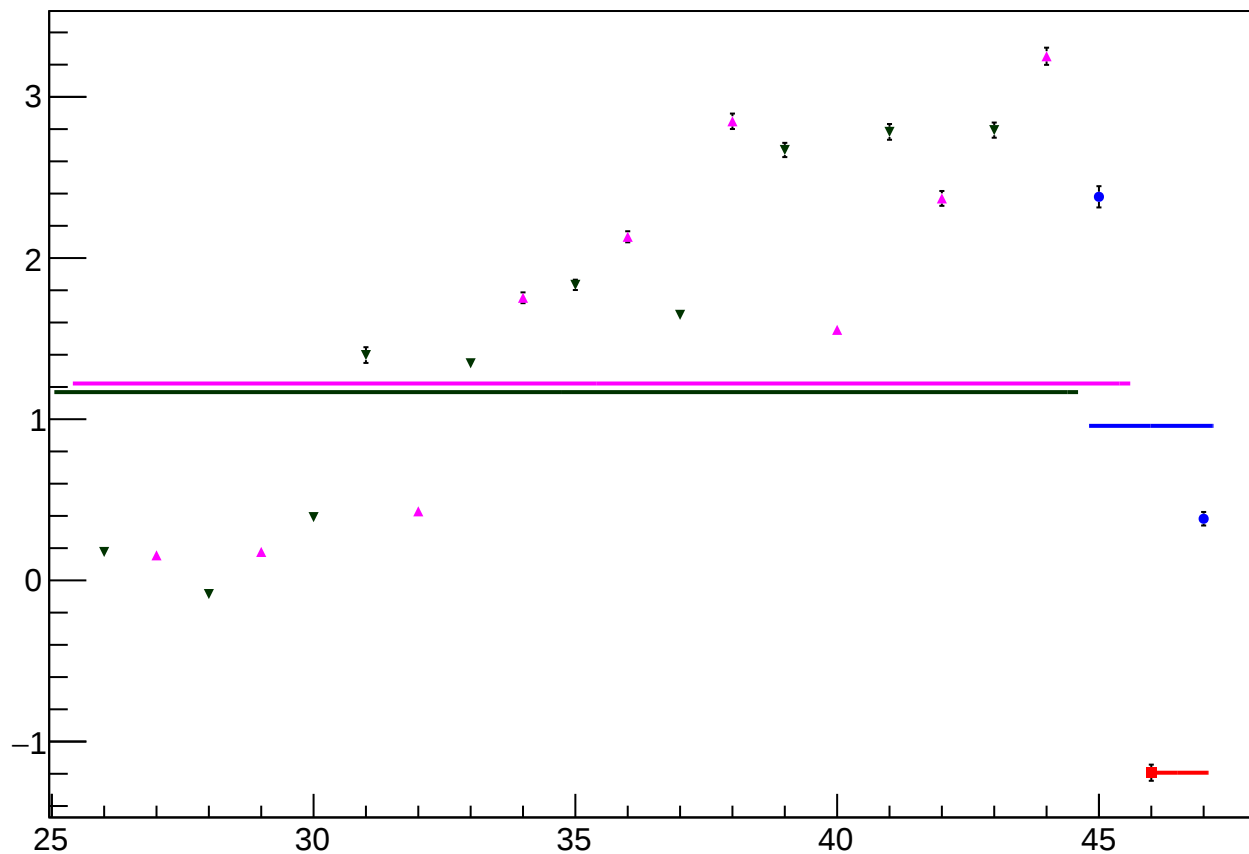
Right Out: -8.618+/-0.257 χ^2/NDF : 0.0/0

Left In: 3.882+/-0.053 χ^2/NDF : 1263.9/8

3.910+/-0.057 χ^2/NDF : 3467.7/11

3.372+/-0.052 χ^2/NDF : 3531.0/9

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: 0.959 $\pm$ 0.035 χ^2/NDF : 652.0/1

Left Out: 1.168 $\pm$ 0.011 χ^2/NDF : 8132.7/9

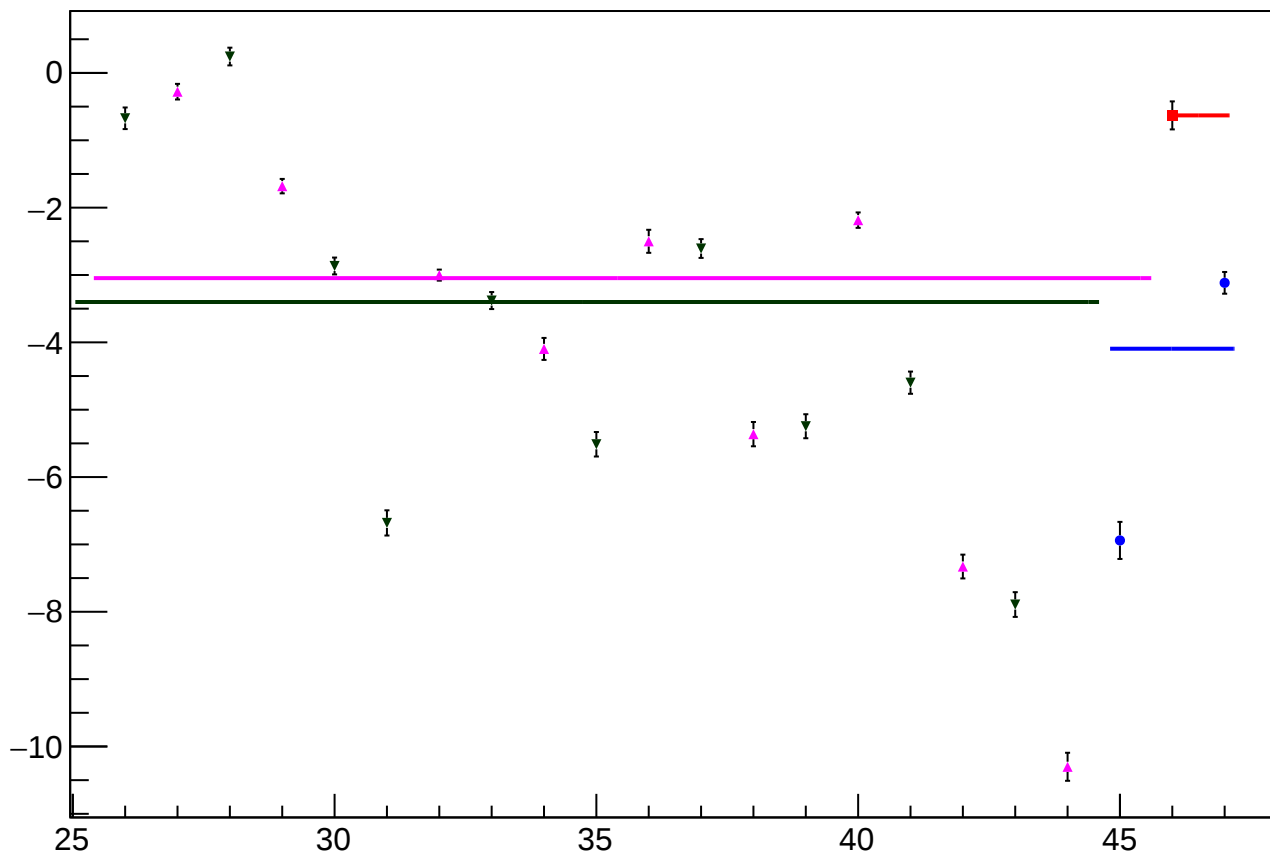
Right Out: -1.193 $\pm$ 0.050 χ^2/NDF : 0.0/0

Left In: 1.222 $\pm$ 0.011 χ^2/NDF : 7856.1/8

1.151 $\pm$ 0.010 χ^2/NDF : 8816.7/11

1.111 $\pm$ 0.011 χ^2/NDF : 10067.8/9

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -4.095 ± 0.139 $\chi^2/\text{NDF}: 143.7/1$

Left Out: -3.401 ± 0.048 $\chi^2/\text{NDF}: 2306.6/9$

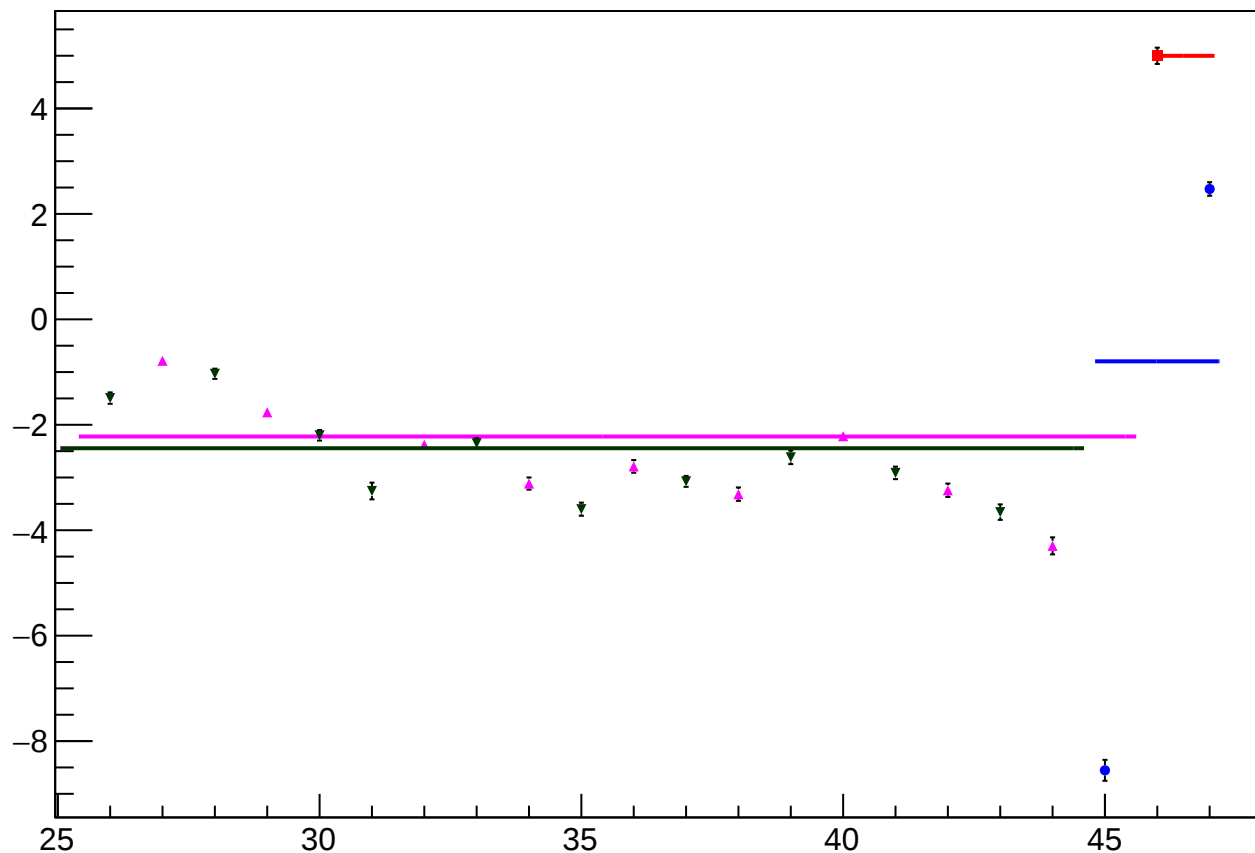
Right Out: -0.630 ± 0.208 $\chi^2/\text{NDF}: 0.0/0$

Left In: -3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.9/8$

-3.475 ± 0.046 $\chi^2/\text{NDF}: 2472.5/11$

-2.948 ± 0.042 $\chi^2/\text{NDF}: 2937.4/9$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: -0.796 ± 0.108 $\chi^2/\text{NDF}: 2163.1/1$

Left Out: -2.445 ± 0.036 $\chi^2/\text{NDF}: 529.3/9$

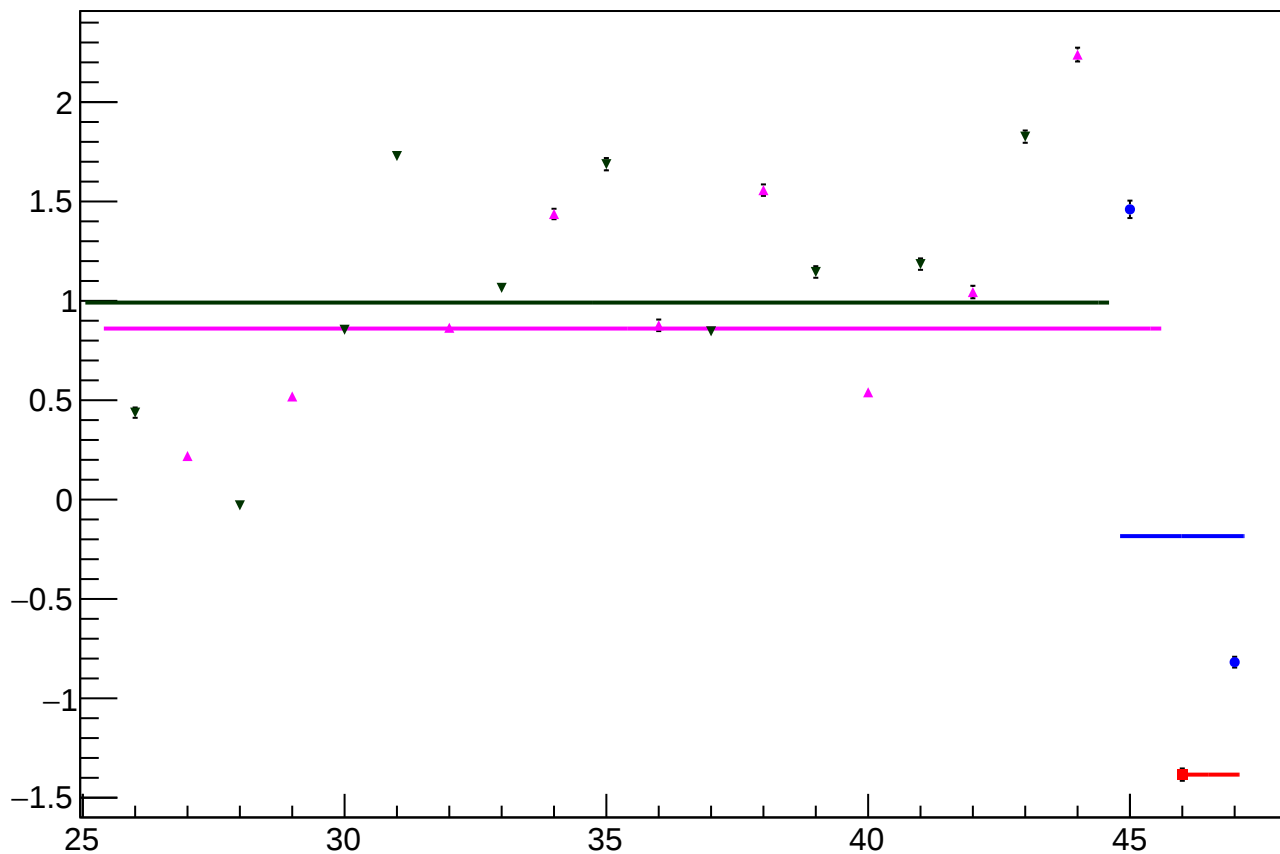
Right Out: 4.999 ± 0.155 $\chi^2/\text{NDF}: 0.0/0$

Left In: -2.223 ± 0.032 $\chi^2/\text{NDF}: 822.2/8$

-2.281 ± 0.034 $\chi^2/\text{NDF}: 2901.1/11$

-1.932 ± 0.031 $\chi^2/\text{NDF}: 2918.4/9$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.184 ± 0.023 χ^2/NDF : 1948.8/1

Left Out: 0.991 ± 0.008 χ^2/NDF : 4720.4/9

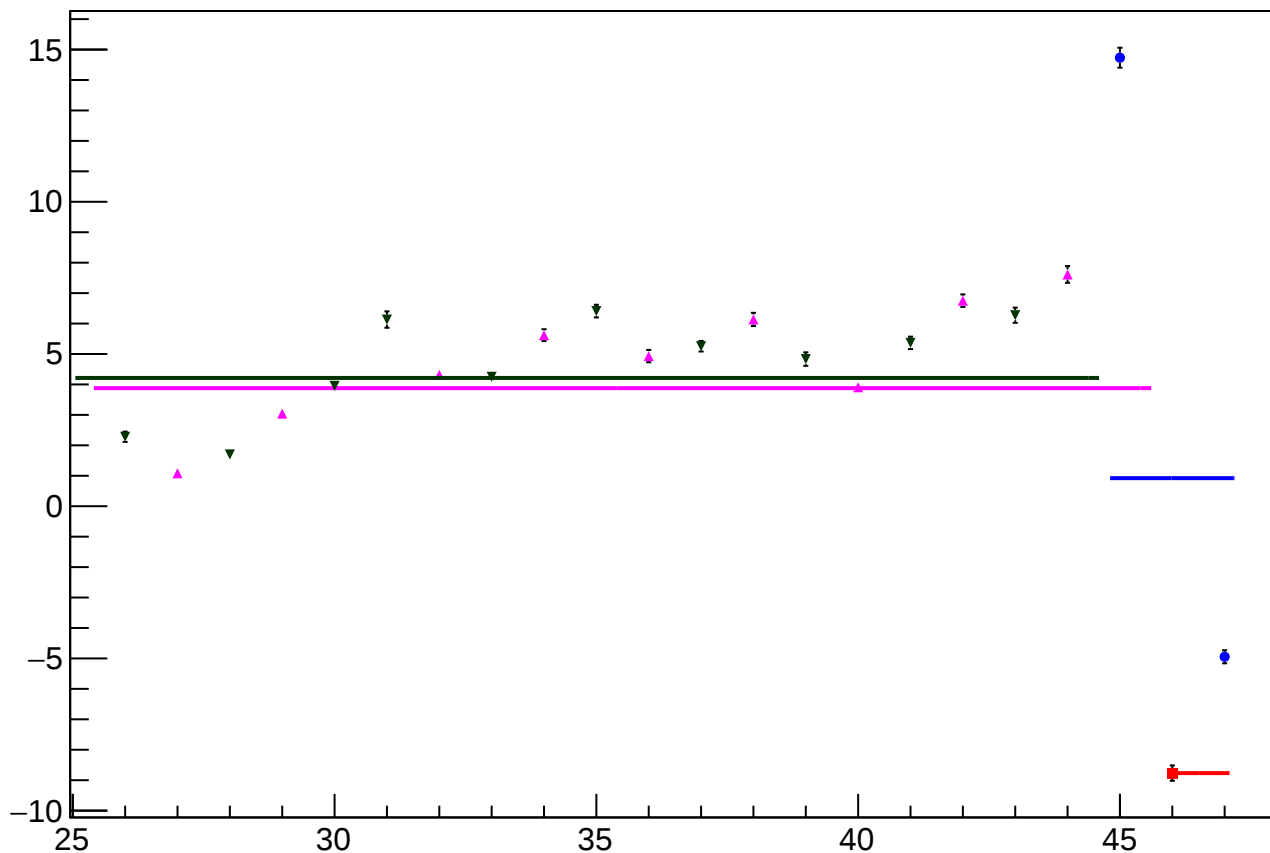
Right Out: -1.384 ± 0.031 χ^2/NDF : 0.0/0

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.4/8

0.872 ± 0.007 χ^2/NDF : 8986.7/11

0.744 ± 0.007 χ^2/NDF : 9087.4/9

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: 0.922 $\pm$ 0.180 χ^2 /NDF: 2514.1/1

Left Out: 4.214 $\pm$ 0.060 χ^2 /NDF: 711.6/9

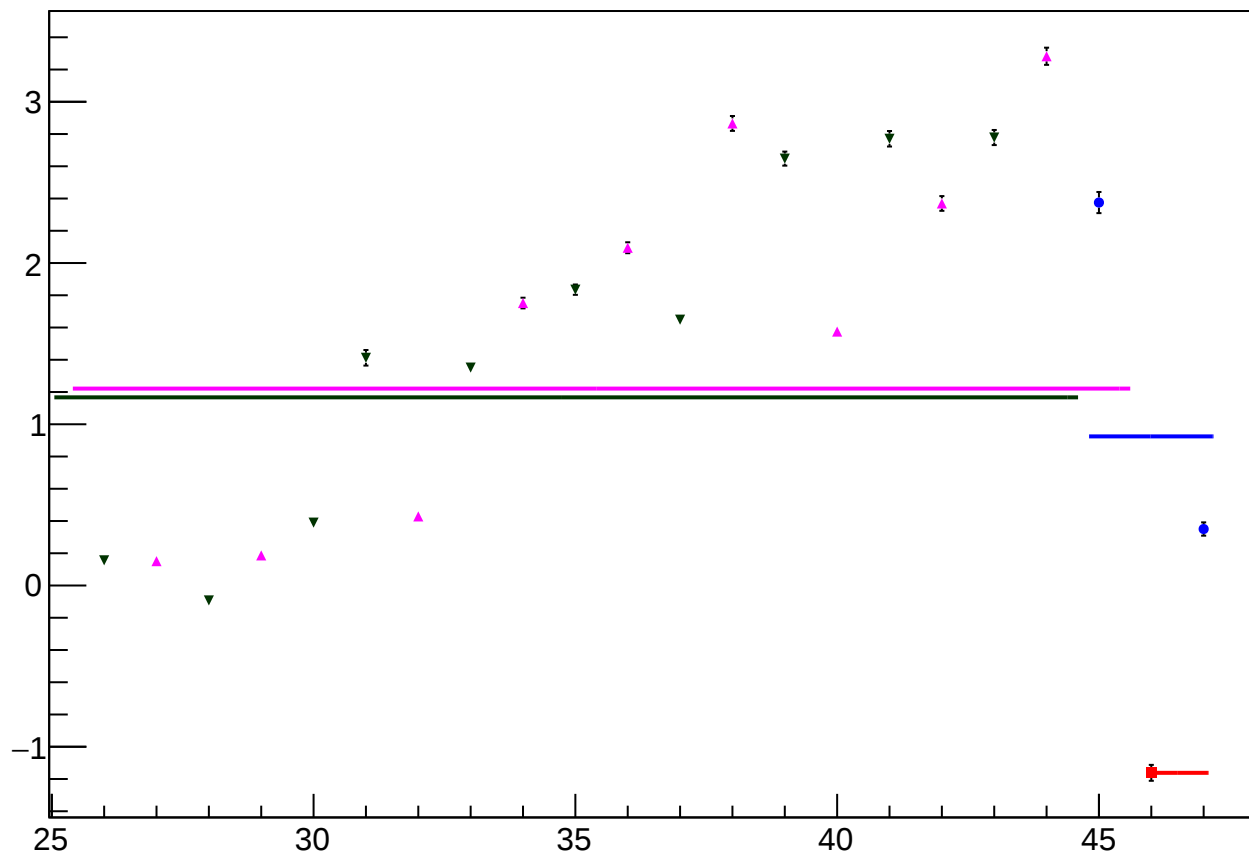
Right Out: -8.767 $\pm$ 0.253 χ^2 /NDF: 0.0/0

Left In: 3.878 $\pm$ 0.052 χ^2 /NDF: 1270.8/8

3.887 $\pm$ 0.057 χ^2 /NDF: 3528.5/11

3.358 $\pm$ 0.051 χ^2 /NDF: 3670.8/9

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: 0.925+/-0.035 χ^2/NDF : 683.0/1

Left Out: 1.167+/-0.010 χ^2/NDF : 8267.0/9

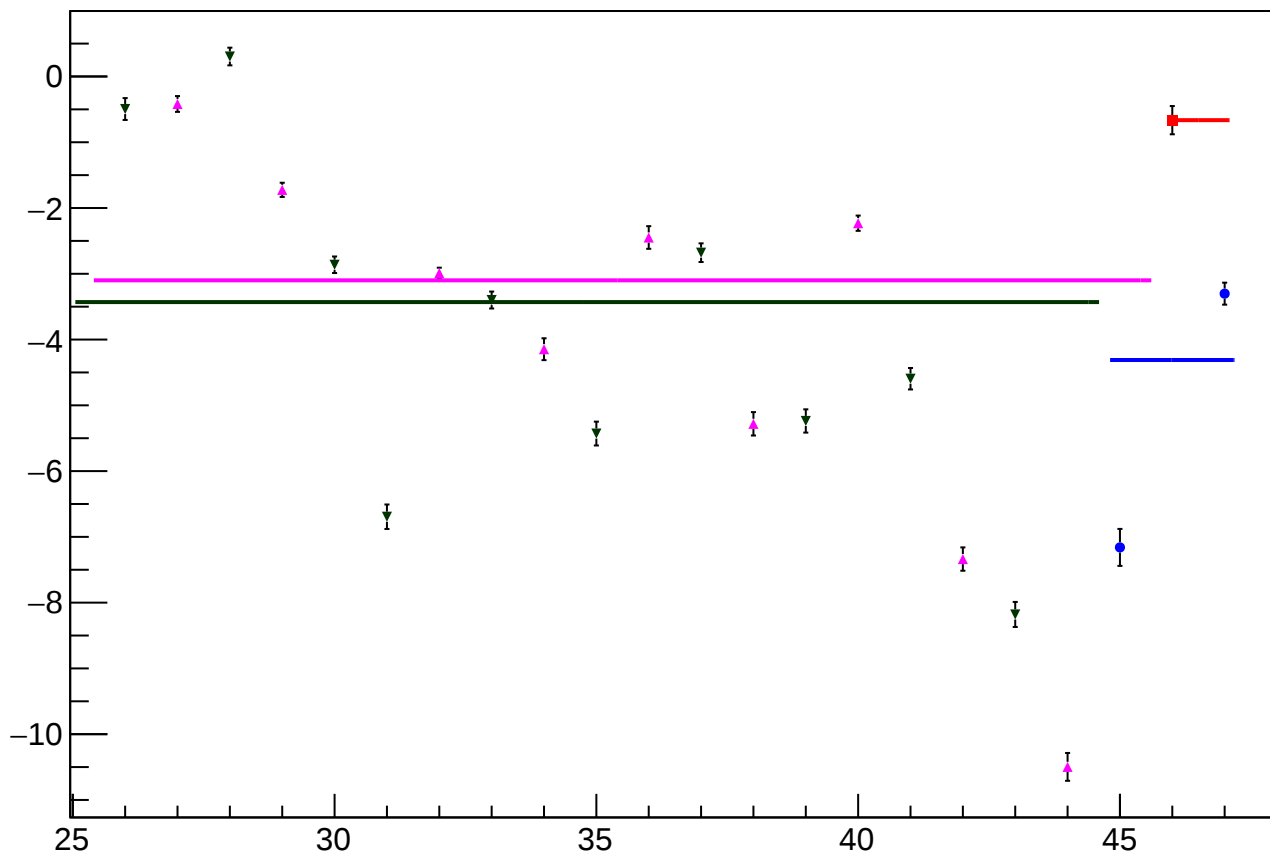
Right Out: -1.162+/-0.049 χ^2/NDF : 0.0/0

Left In: 1.221+/-0.011 χ^2/NDF : 8098.5/8

1.147+/-0.010 χ^2/NDF : 8994.2/11

1.111+/-0.011 χ^2/NDF : 10319.4/9

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -4.311+/-0.144 χ^2/NDF : 139.1/1

Left Out: -3.430+/-0.049 χ^2/NDF :2337.3/9

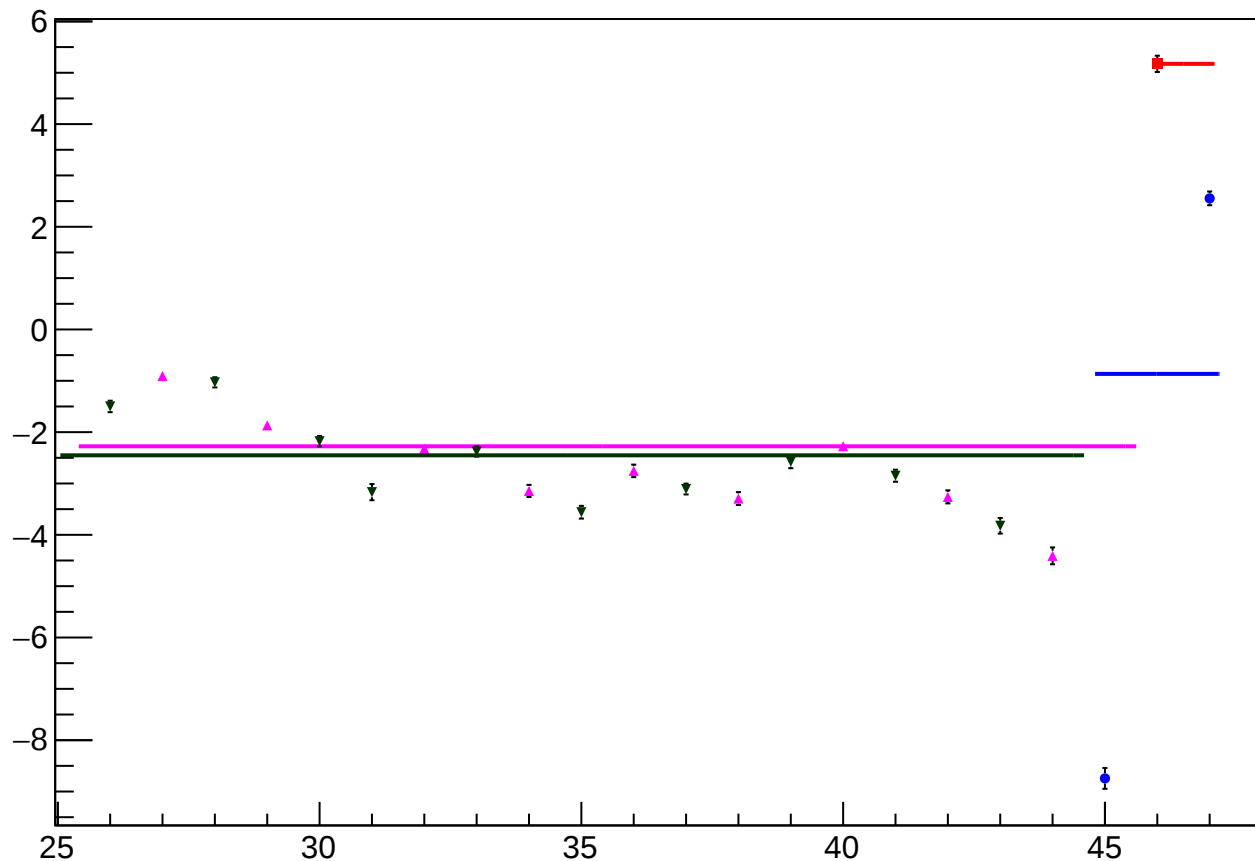
Right Out: -0.664+/-0.215 χ^2/NDF : 0.0/0

Left In: -3.099+/-0.043 χ^2/NDF :2714.1/8

-3.521+/-0.046 χ^2/NDF : 2510.1/11

-3.004+/-0.042 χ^2/NDF : 2837.8/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -0.865 ± 0.112 $\chi^2/\text{NDF}: 2156.5/1$

Left Out: -2.451 ± 0.036 $\chi^2/\text{NDF}: 518.0/9$

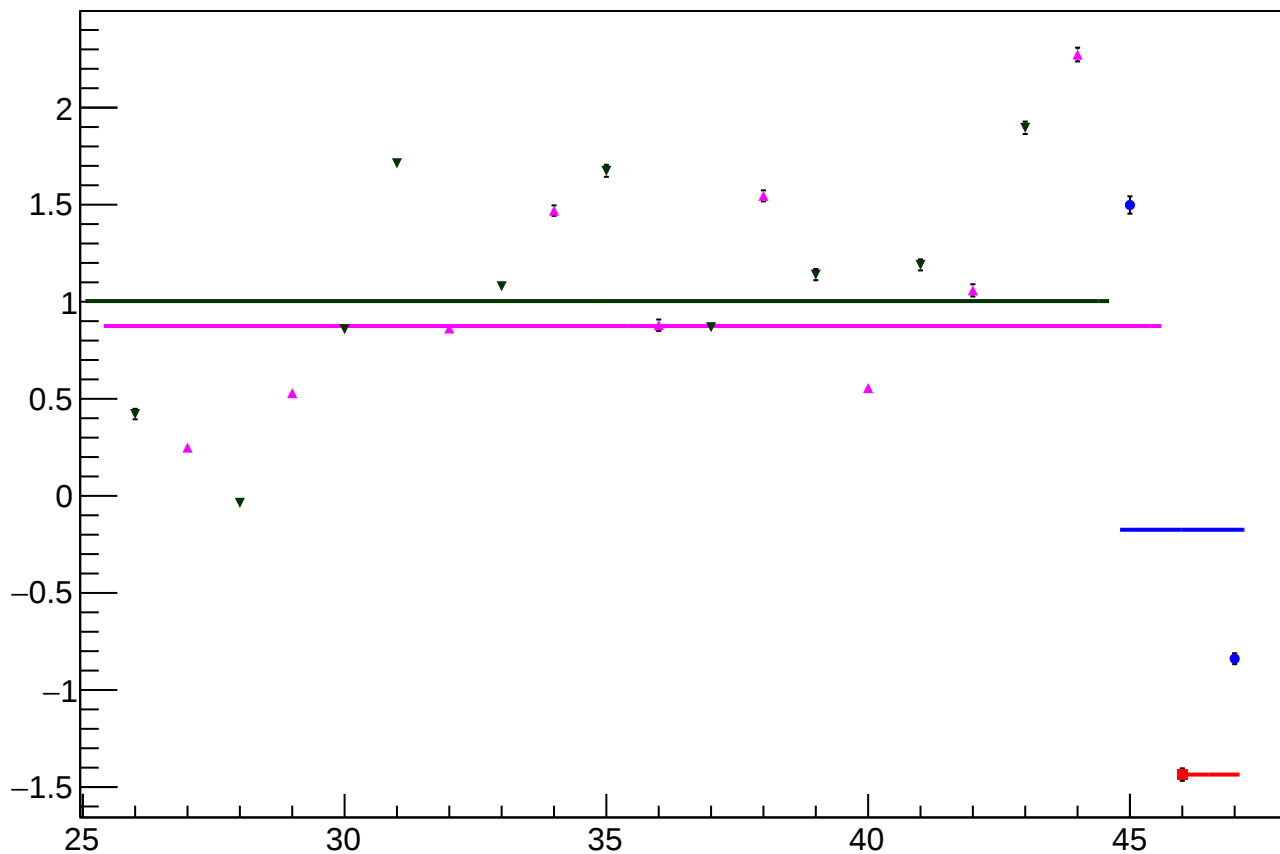
Right Out: 5.174 ± 0.159 $\chi^2/\text{NDF}: 0.0/0$

Left In: -2.276 ± 0.032 $\chi^2/\text{NDF}: 728.6/8$

-2.299 ± 0.035 $\chi^2/\text{NDF}: 2856.6/11$

-1.986 ± 0.031 $\chi^2/\text{NDF}: 2833.0/9$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.175+/-0.024 χ^2/NDF : 1946.9/1

Left Out: 1.003+/-0.008 χ^2/NDF : 4667.5/9

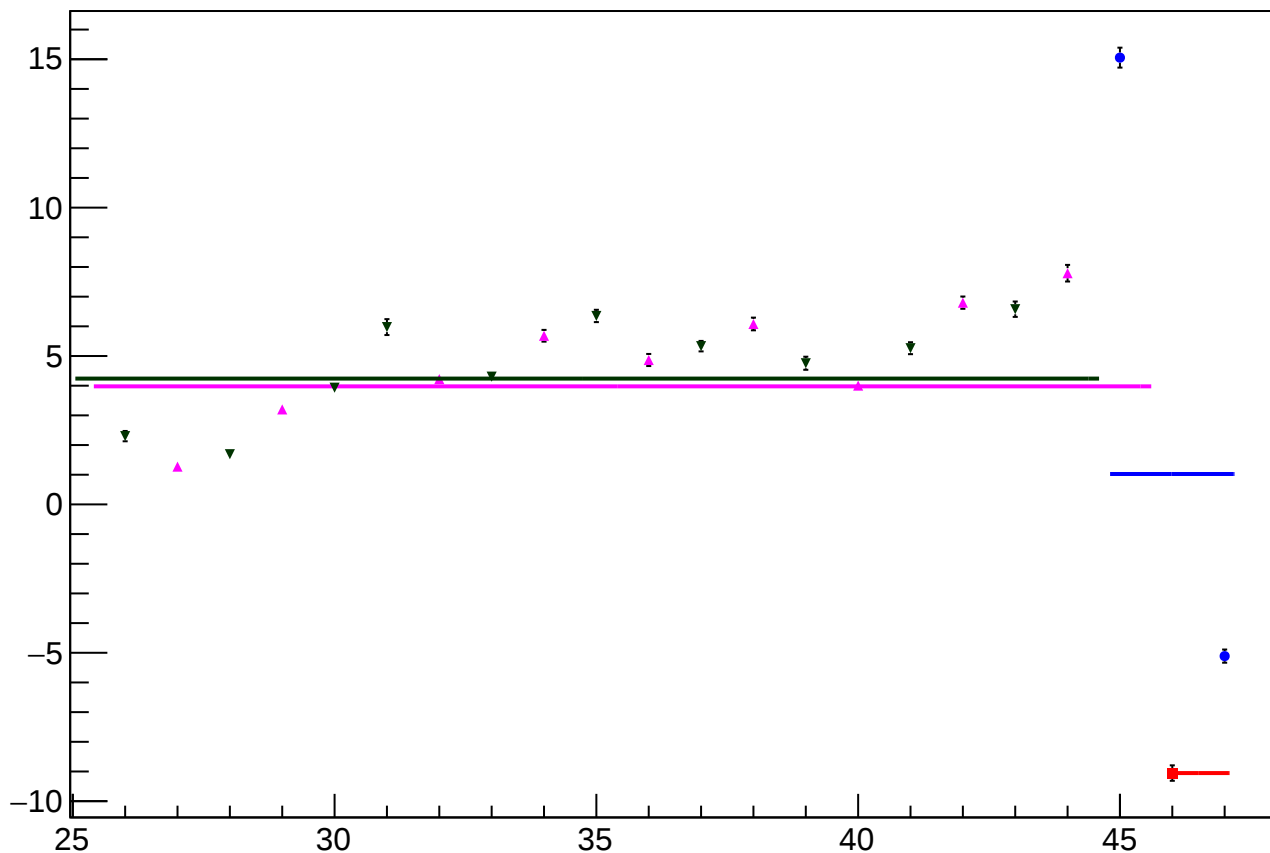
Right Out: -1.436+/-0.032 χ^2/NDF : 0.0/0

Left In: 0.875+/-0.007 χ^2/NDF : 3999.7/8

0.888+/-0.007 χ^2/NDF : 8807.1/11

0.760+/-0.007 χ^2/NDF : 8932.2/9

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 1.024 ± 0.185 $\chi^2/\text{NDF}: 2507.3/1$

Left Out: 4.240 ± 0.060 $\chi^2/\text{NDF}: 692.9/9$

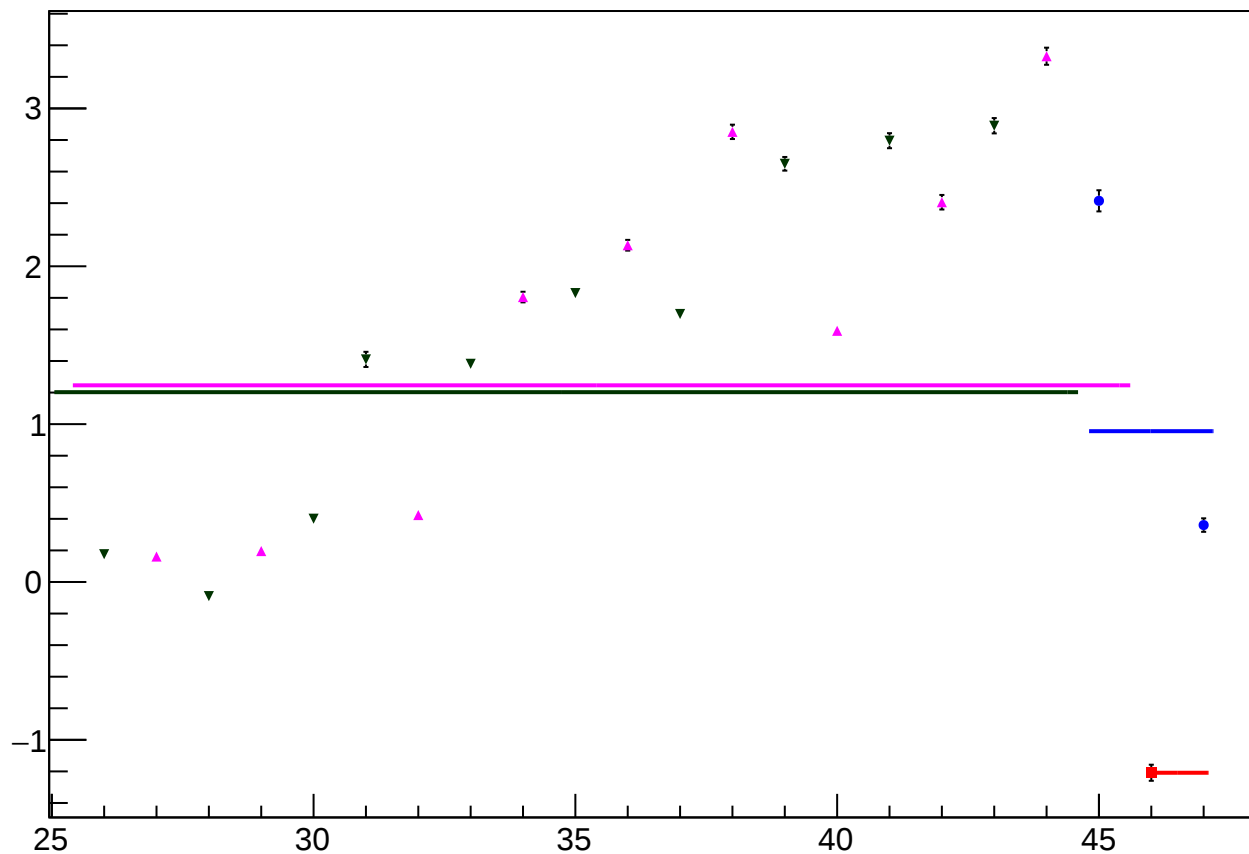
Right Out: -9.053 ± 0.260 $\chi^2/\text{NDF}: 0.0/0$

Left In: 3.978 ± 0.053 $\chi^2/\text{NDF}: 1142.5/8$

3.932 ± 0.057 $\chi^2/\text{NDF}: 3472.4/11$

3.459 ± 0.052 $\chi^2/\text{NDF}: 3545.3/9$

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 0.955 ± 0.036 χ^2/NDF : 667.6/1

Left Out: 1.203 ± 0.011 χ^2/NDF : 8206.3/9

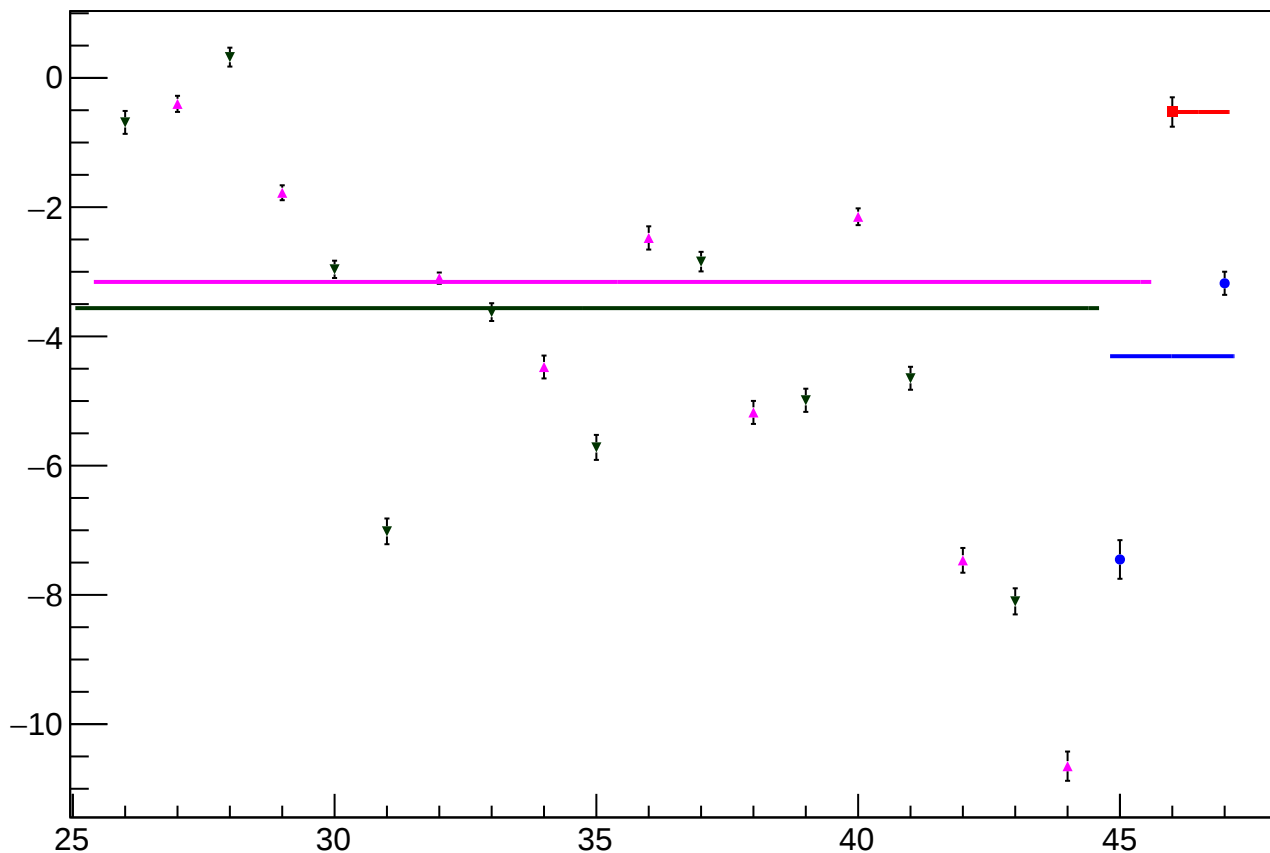
Right Out: -1.209 ± 0.051 χ^2/NDF : 0.0/0

Left In: 1.246 ± 0.011 χ^2/NDF : 8115.6/8

1.183 ± 0.010 χ^2/NDF : 8917.2/11

1.137 ± 0.011 χ^2/NDF : 10331.6/9

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -4.306 ± 0.154 χ^2/NDF : 150.4/1

Left Out: -3.563 ± 0.052 χ^2/NDF : 2041.0/9

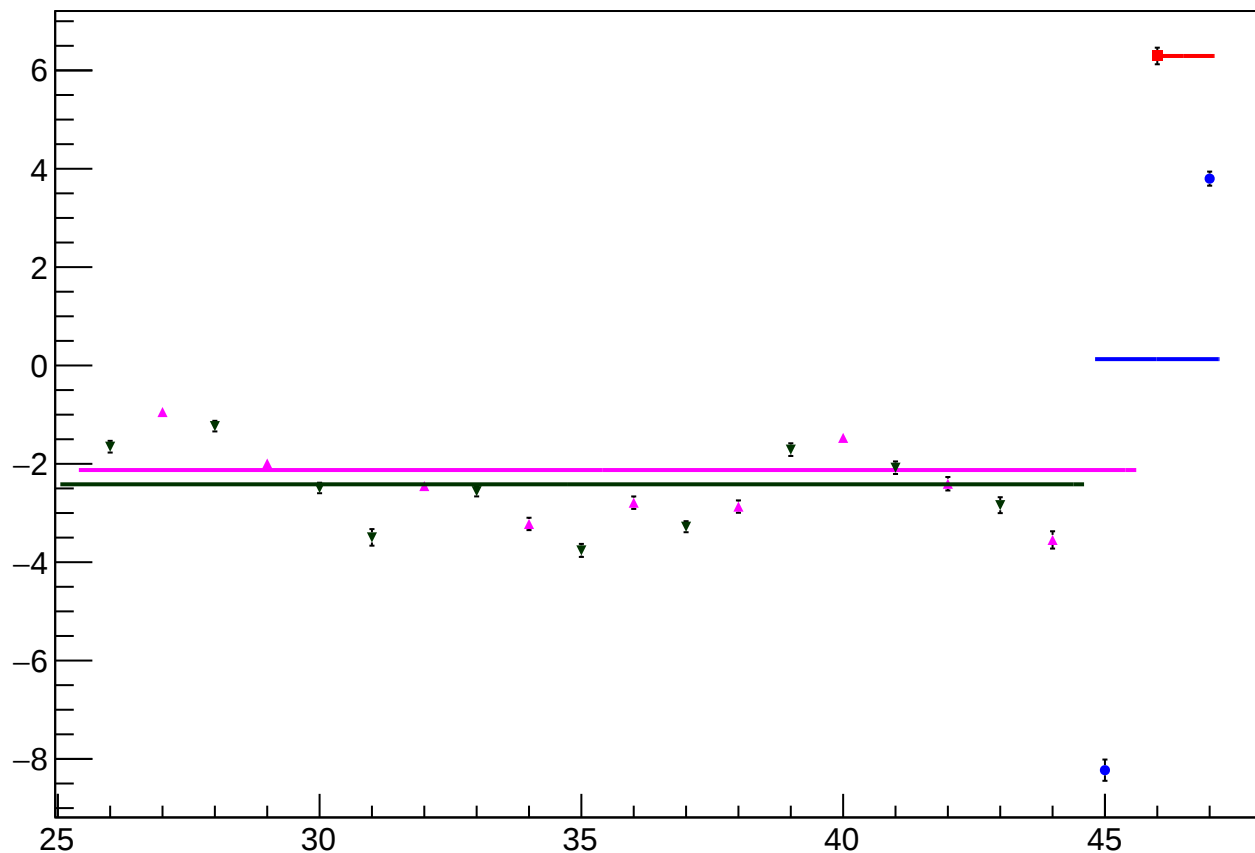
Right Out: -0.527 ± 0.228 χ^2/NDF : 0.0/0

Left In: -3.157 ± 0.046 χ^2/NDF : 2492.0/8

-3.639 ± 0.049 χ^2/NDF : 2212.4/11

-3.054 ± 0.045 χ^2/NDF : 2620.2/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 0.129+/-0.119 χ^2/NDF : 2153.4/1

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

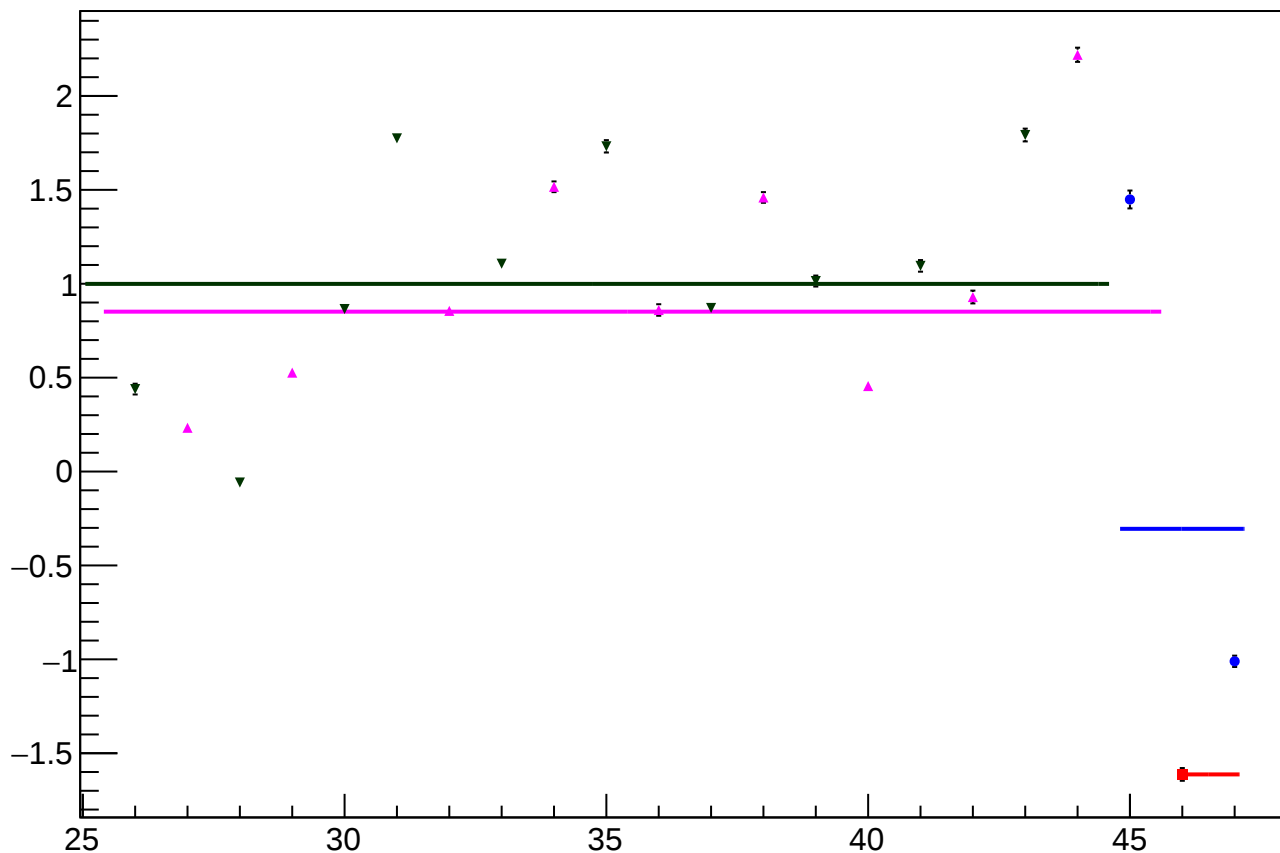
Right Out: 6.293+/-0.169 χ^2/NDF : 0.0/0

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-2.173+/-0.037 χ^2/NDF : 2974.2/11

-1.800+/-0.033 χ^2/NDF : 2898.8/9

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -0.305 ± 0.026 χ^2/NDF : 1901.3/1

Left Out: 0.999 ± 0.008 χ^2/NDF : 4096.0/9

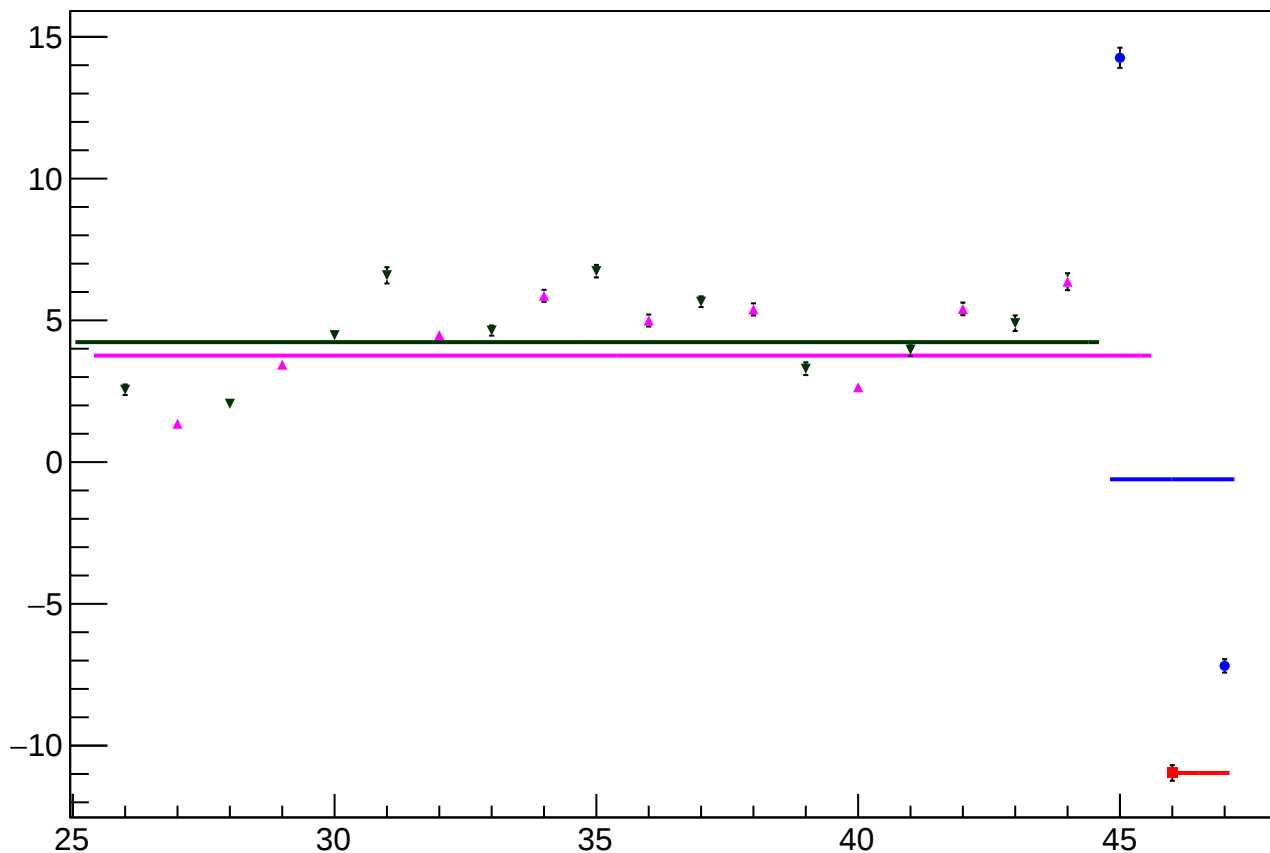
Right Out: -1.613 ± 0.034 χ^2/NDF : 0.0/0

Left In: 0.851 ± 0.008 χ^2/NDF : 3579.4/8

0.871 ± 0.008 χ^2/NDF : 8355.2/11

0.729 ± 0.008 χ^2/NDF : 8569.2/9

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -0.607 ± 0.198 χ^2/NDF : 2498.5/1

Left Out: 4.232 ± 0.064 χ^2/NDF : 531.4/9

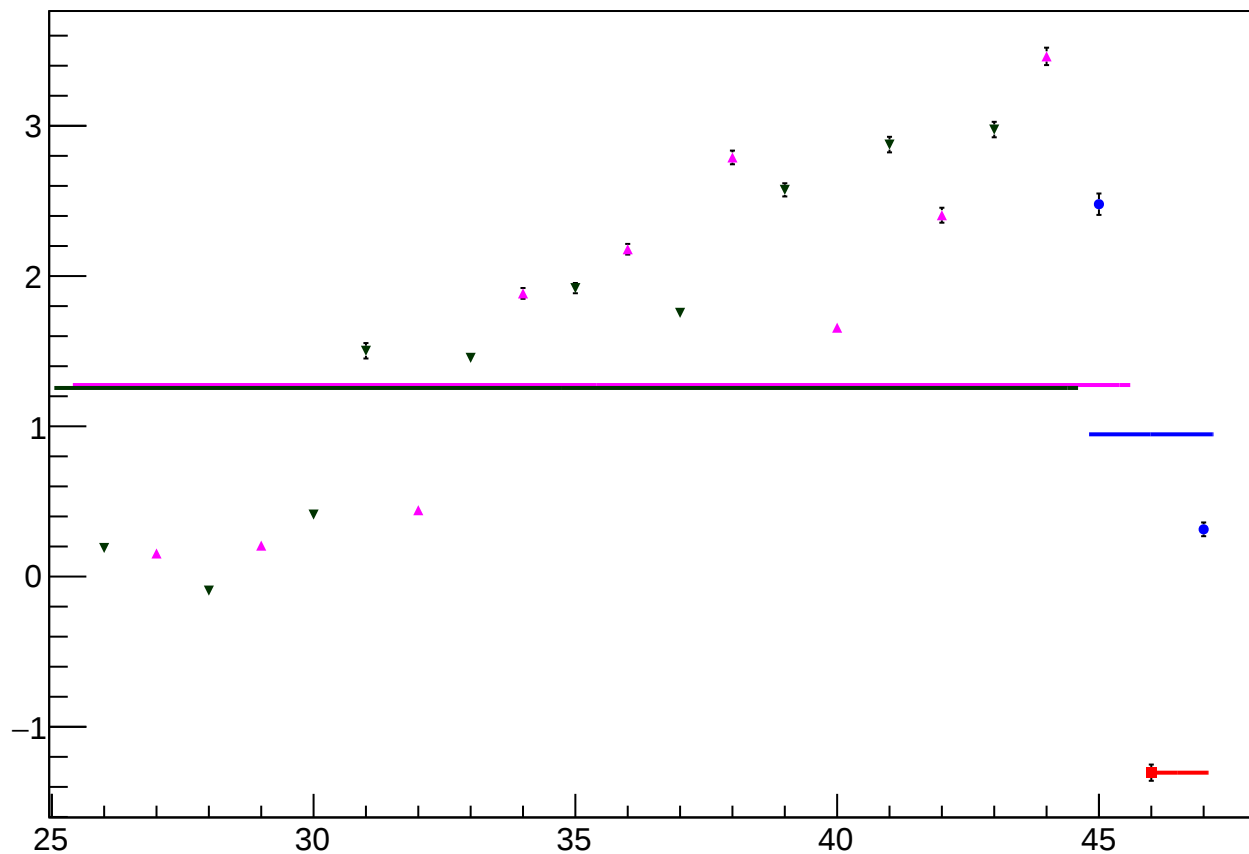
Right Out: -10.964 ± 0.276 χ^2/NDF : 0.0/0

Left In: 3.757 ± 0.056 χ^2/NDF : 807.8/8

3.770 ± 0.061 χ^2/NDF : 3570.7/11

3.175 ± 0.055 χ^2/NDF : 3532.0/9

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 0.947 ± 0.039 χ^2/NDF : 653.2/1

Left Out: 1.255 ± 0.011 χ^2/NDF : 7468.2/9

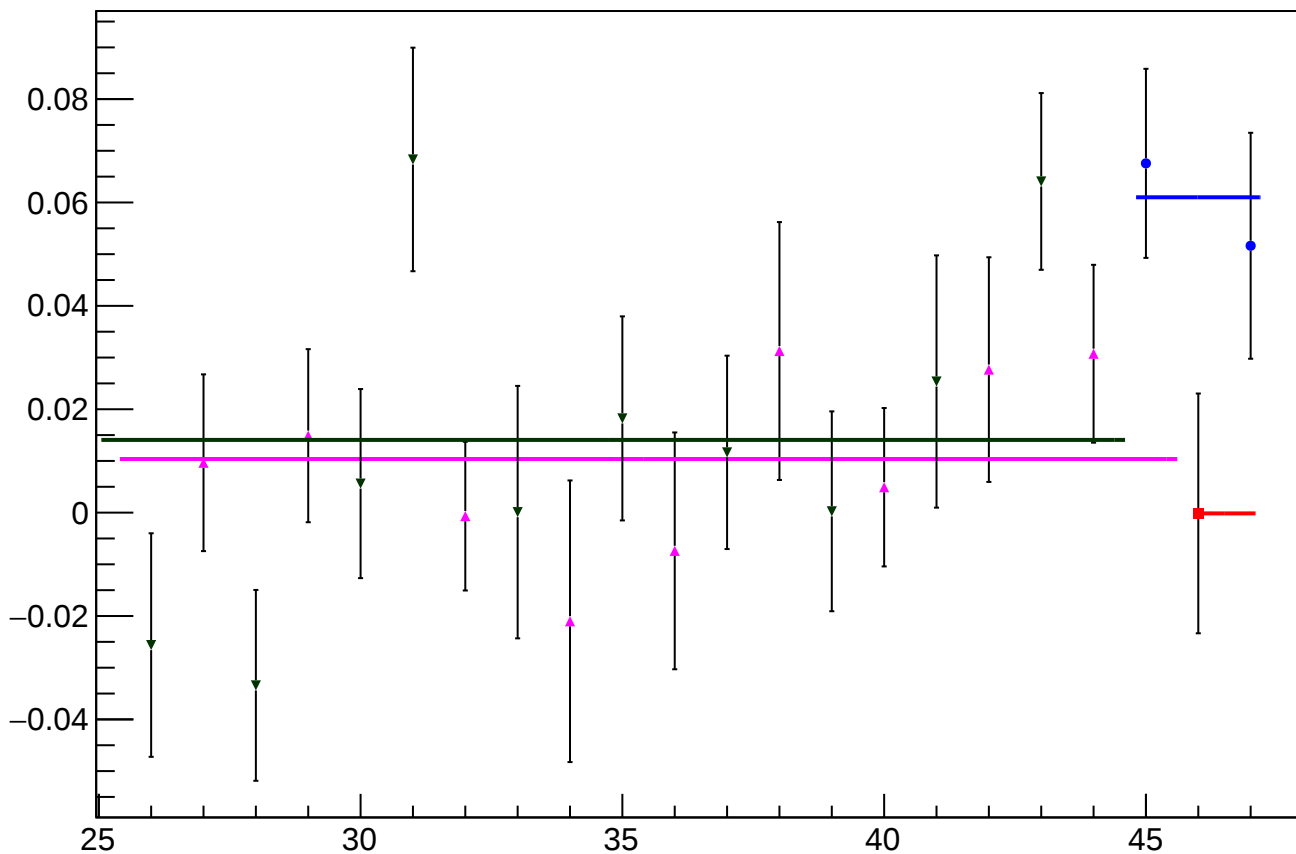
Right Out: -1.305 ± 0.054 χ^2/NDF : 0.0/0

Left In: 1.275 ± 0.012 χ^2/NDF : 7555.8/8

1.231 ± 0.011 χ^2/NDF : 8180.4/11

1.159 ± 0.011 χ^2/NDF : 9731.5/9

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.061 $\pm$ 0.014 χ^2 /NDF: 0.3/1

Left Out: 0.014 $\pm$ 0.006 χ^2 /NDF: 26.2/9

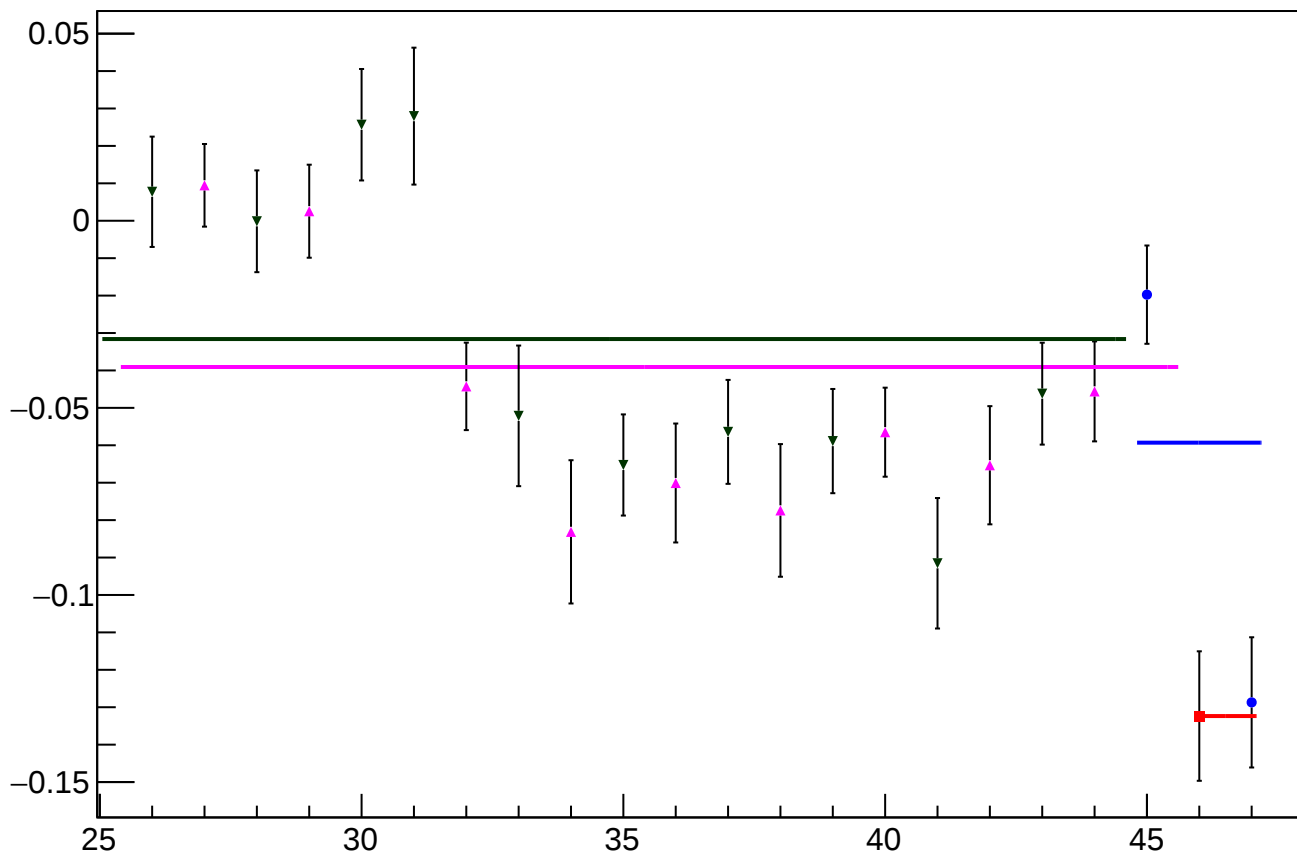
0.022 $\pm$ 0.006 χ^2 /NDF: 35.8/11

Right Out: -0.000 $\pm$ 0.023 χ^2 /NDF: 0.0/0

0.010 $\pm$ 0.006 χ^2 /NDF: 5.6/9

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF: 5.5/8

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.059 $\pm$ 0.010 χ^2 /NDF: 25.0/1

Left Out: -0.032 $\pm$ 0.005 χ^2 /NDF: 65.2/9

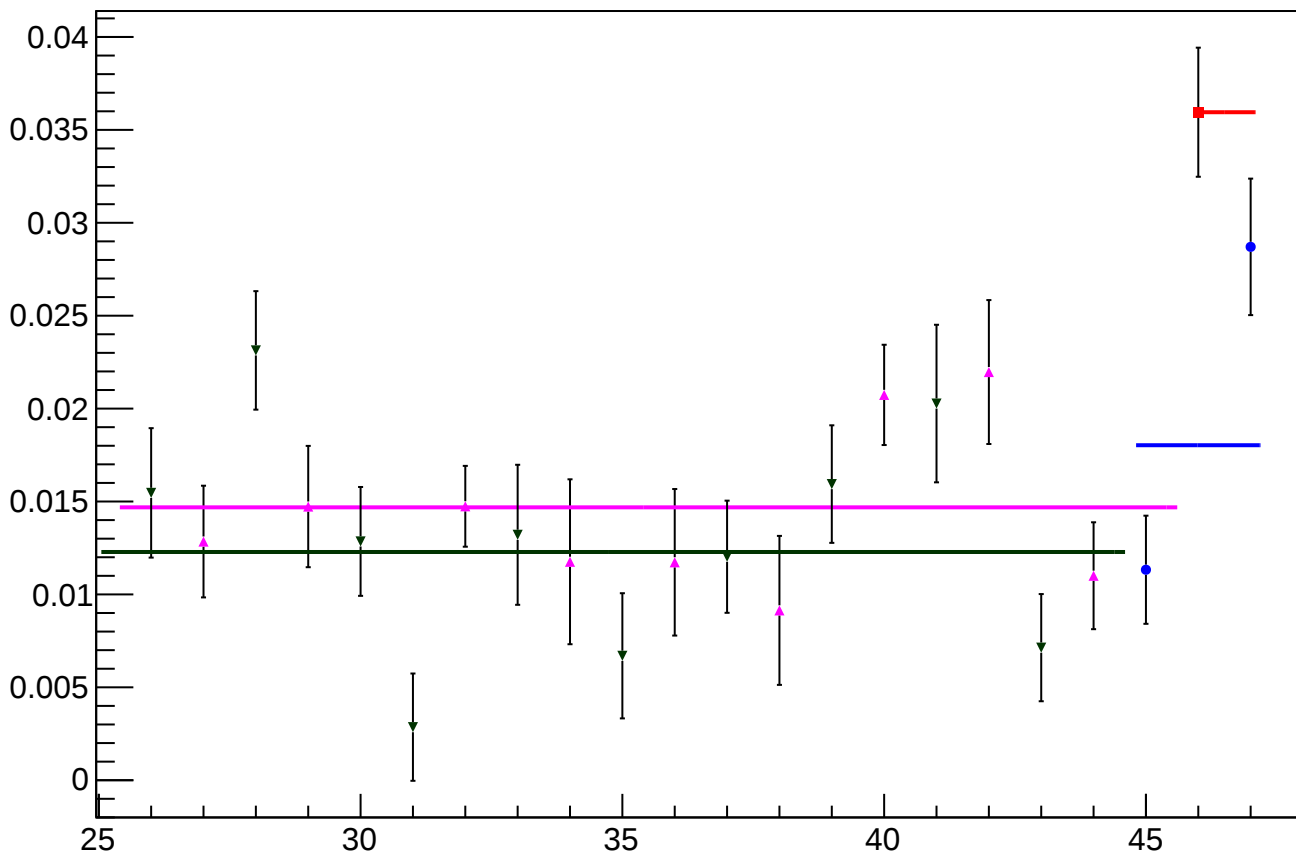
Right Out: -0.132 $\pm$ 0.017 χ^2 /NDF: 0.0/0

Left In: -0.039 $\pm$ 0.005 χ^2 /NDF: 49.7/8

-0.036 $\pm$ 0.004 χ^2 /NDF: 96.0/11

-0.045 $\pm$ 0.004 χ^2 /NDF: 76.9/9

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.018 $\pm$ 0.002 χ^2 /NDF: 13.8/1

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

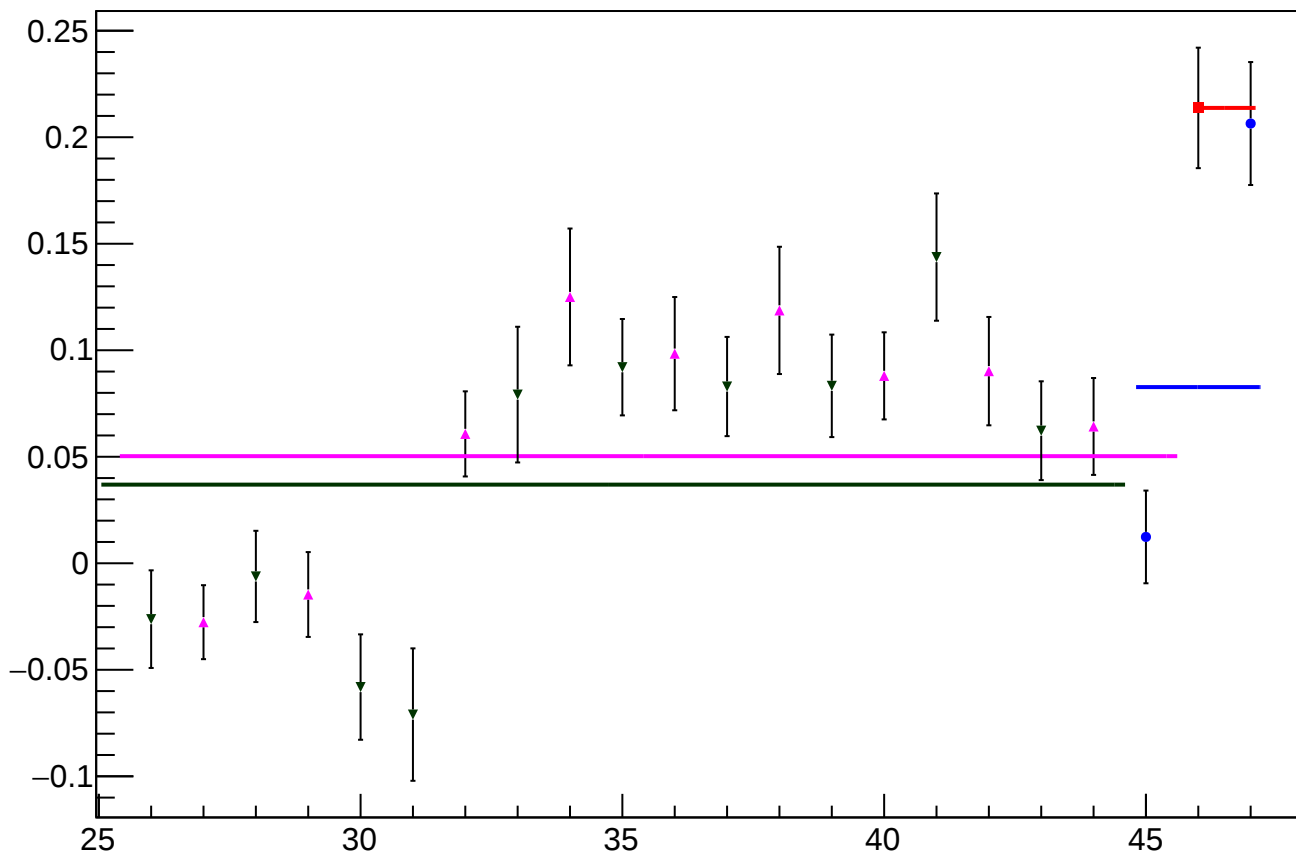
Right Out: 0.036 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.013 $\pm$ 0.001 χ^2 /NDF: 53.0/11

0.016 $\pm$ 0.001 χ^2 /NDF: 47.9/9

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.083 $\pm$ 0.017 χ^2 /NDF: 28.8/1

Left Out: 0.037 $\pm$ 0.008 χ^2 /NDF: 67.8/9

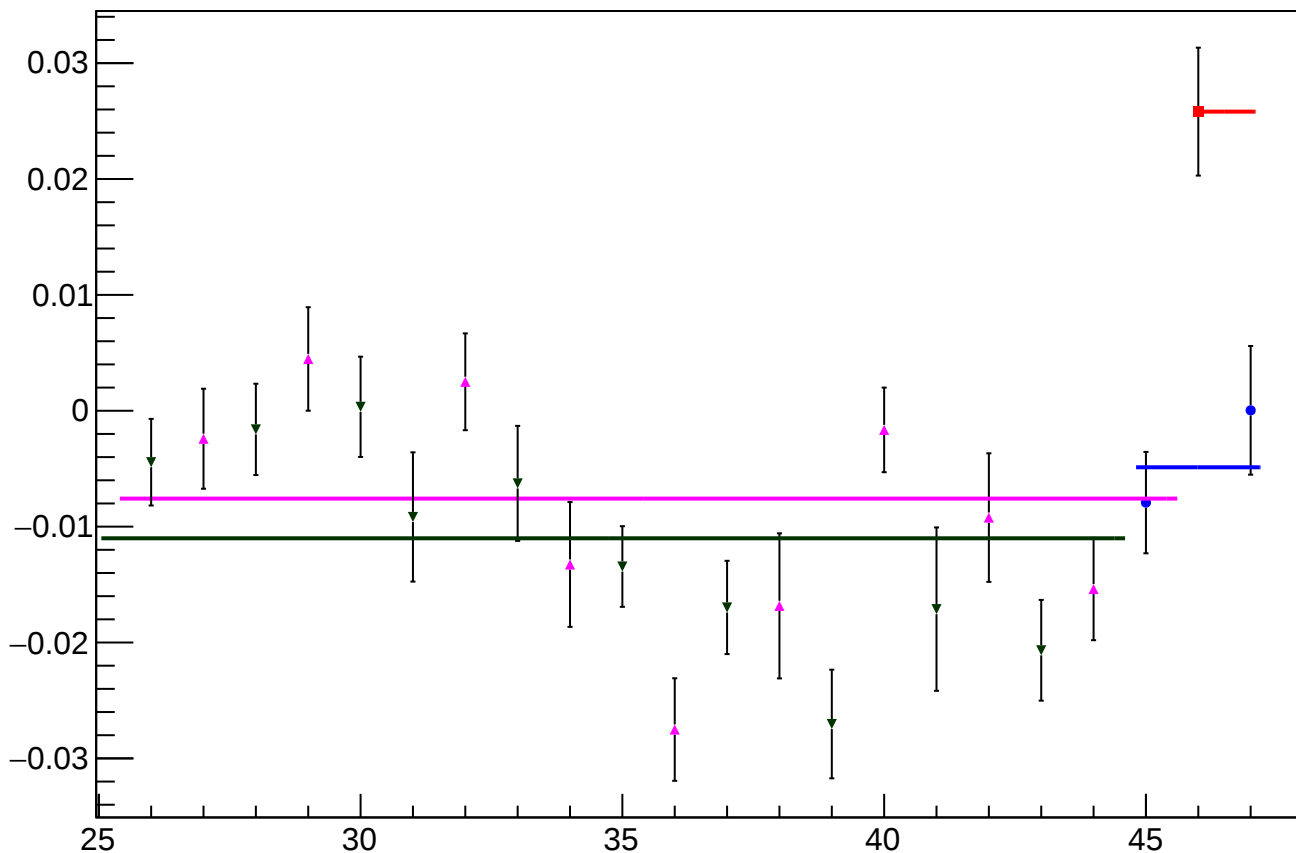
Right Out: 0.214 $\pm$ 0.028 χ^2 /NDF: 0.0/0

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.2/8

0.045 $\pm$ 0.007 χ^2 /NDF: 102.3/11

0.061 $\pm$ 0.007 χ^2 /NDF: 82.4/9

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: -0.005+/-0.003 χ^2/NDF : 1.3/1

Left Out: -0.011+/-0.001 χ^2/NDF : 36.7/9

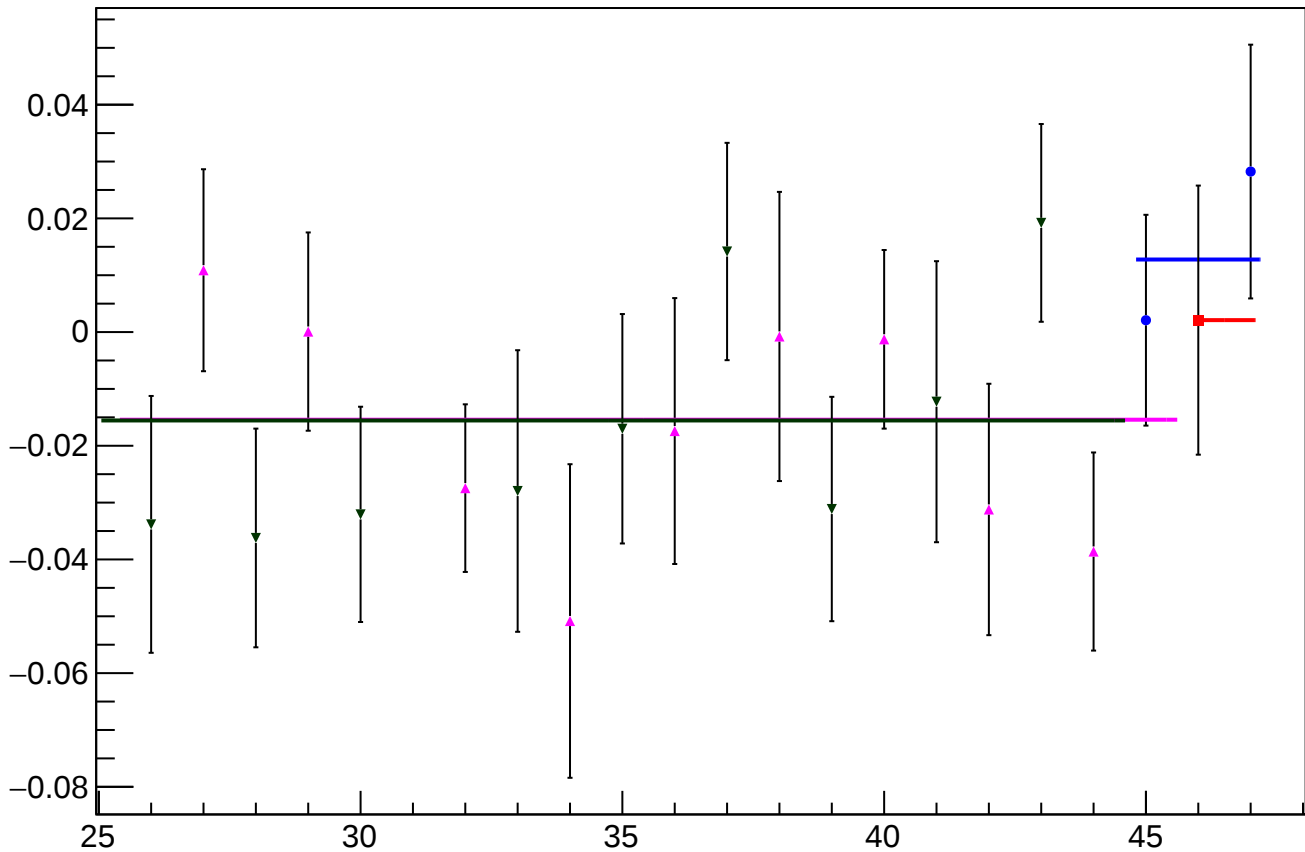
Right Out: 0.026+/-0.006 χ^2/NDF : 0.0/0

Left In: -0.008+/-0.002 χ^2/NDF : 44.0/8

-0.010+/-0.001 χ^2/NDF : 40.8/11

-0.005+/-0.001 χ^2/NDF : 78.0/9

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.013+/-0.014 χ^2/NDF : 0.8/1

Left Out: -0.016+/-0.007 χ^2/NDF : 9.9/8

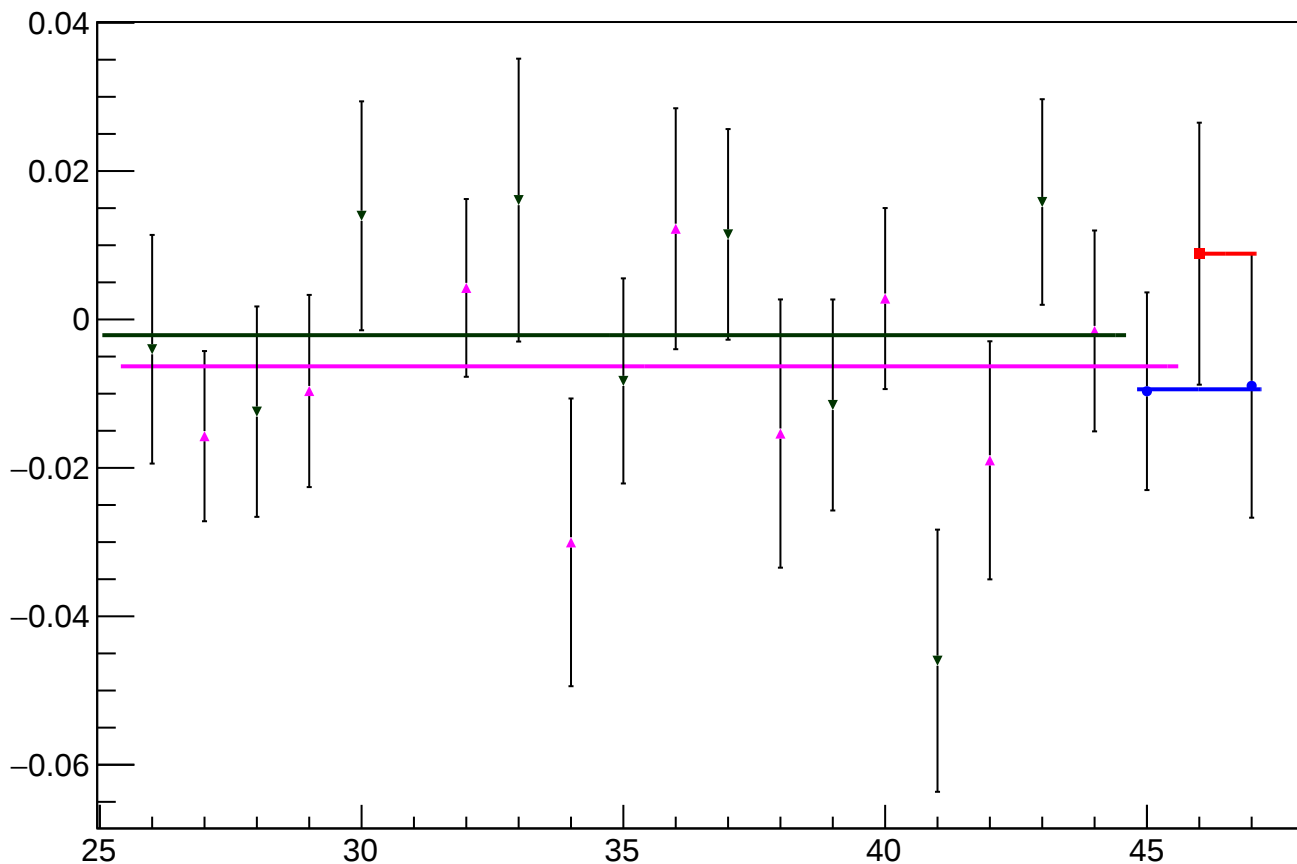
Right Out: 0.002+/-0.024 χ^2/NDF : 0.0/0

Left In: -0.015+/-0.006 χ^2/NDF : 8.7/8

-0.010+/-0.006 χ^2/NDF : 13.9/10

-0.014+/-0.006 χ^2/NDF : 9.2/9

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.009 $\pm$ 0.011 χ^2 /NDF: 0.0/1

Left Out: -0.002 $\pm$ 0.005 χ^2 /NDF:11.9/8

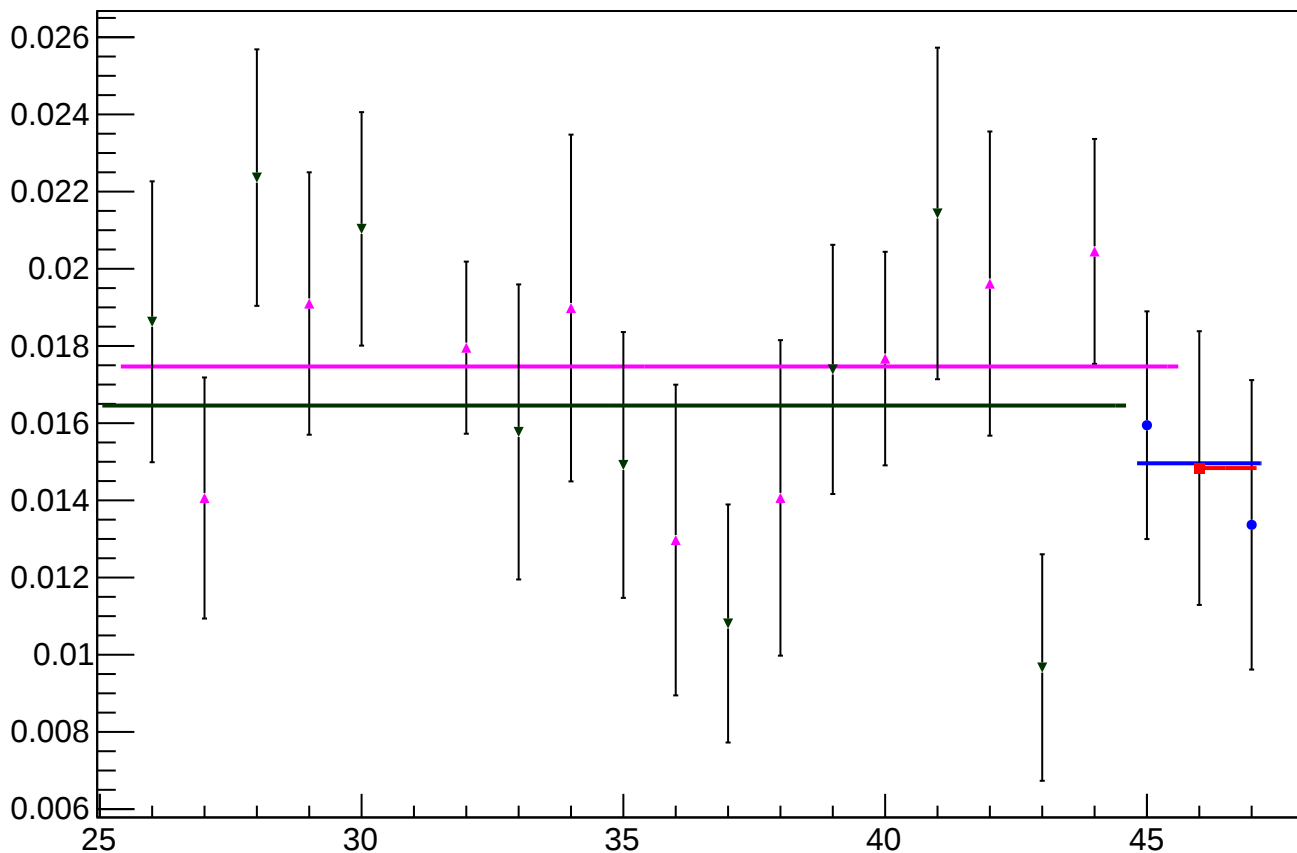
Right Out: 0.009 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left In: -0.006 $\pm$ 0.005 χ^2 /NDF:5.9/8

-0.003 $\pm$ 0.005 χ^2 /NDF: 12.3/10

-0.005 $\pm$ 0.005 χ^2 /NDF: 6.6/9

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015+/-0.002 χ^2/NDF : 0.3/1

Left Out: 0.016+/-0.001 χ^2/NDF : 16.2/8

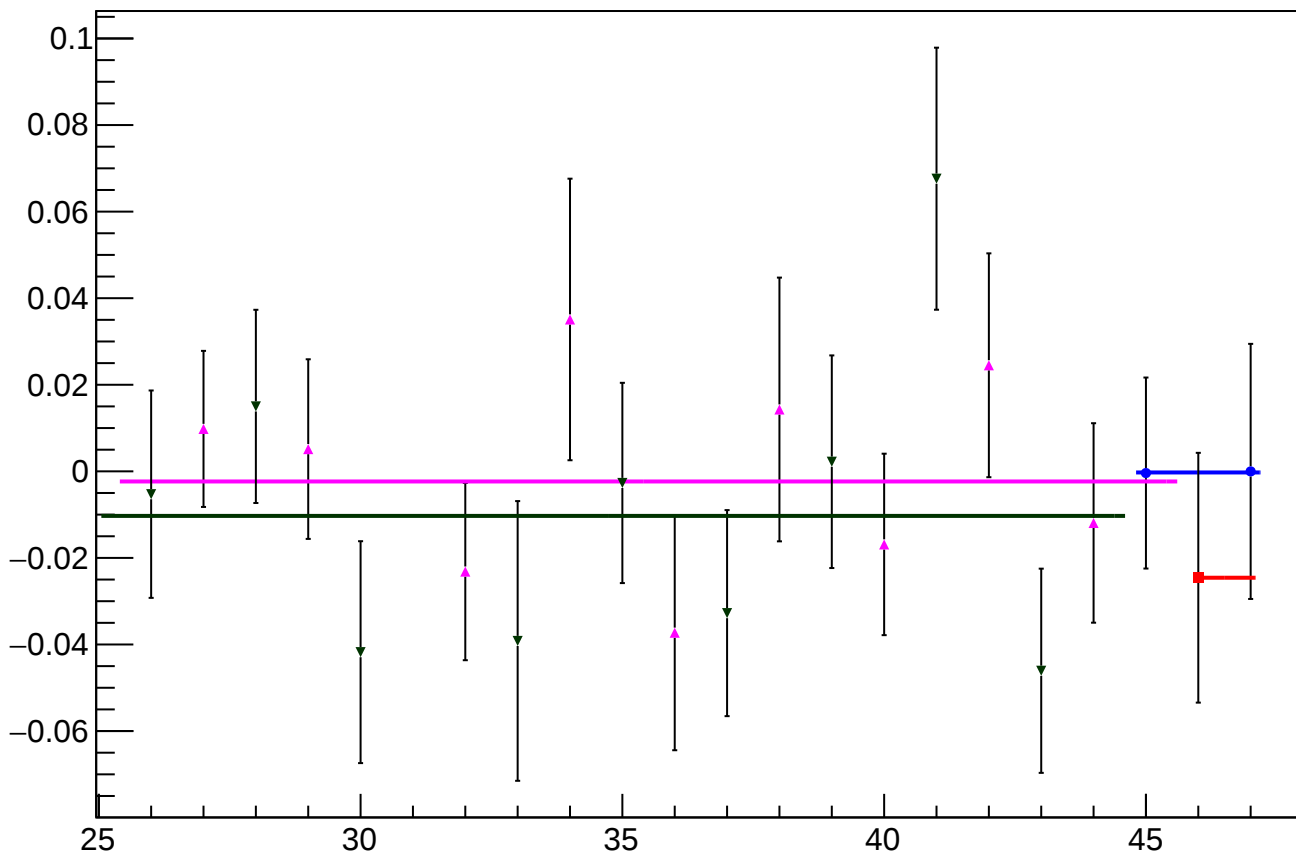
Right Out: 0.015+/-0.004 χ^2/NDF : 0.0/0

Left In: 0.017+/-0.001 χ^2/NDF : 4.9/8

0.016+/-0.001 χ^2/NDF : 16.8/10

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+/-0.018 χ^2/NDF : 0.0/1

Left Out: -0.010+/-0.008 χ^2/NDF :13.8/8

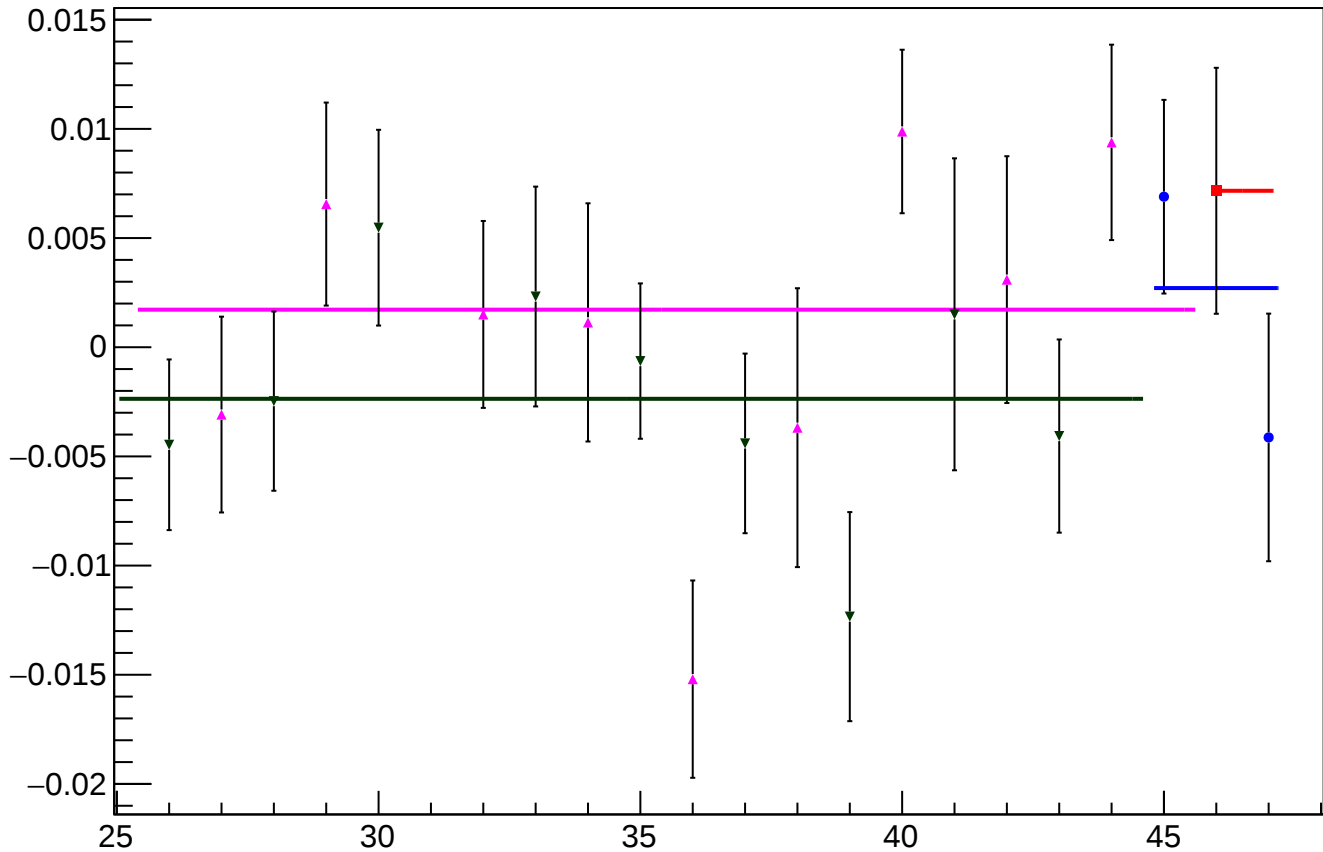
Right Out: -0.025+/-0.029 χ^2/NDF : 0.0/0

Left In: -0.002+/-0.008 χ^2/NDF :6.6/8

-0.008+/-0.008 χ^2/NDF : 14.1/10

-0.004+/-0.007 χ^2/NDF : 7.2/9

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.003 $\pm$ 0.003 χ^2 /NDF: 2.3/1

Left Out: -0.002 $\pm$ 0.001 χ^2 /NDF: 9.5/8

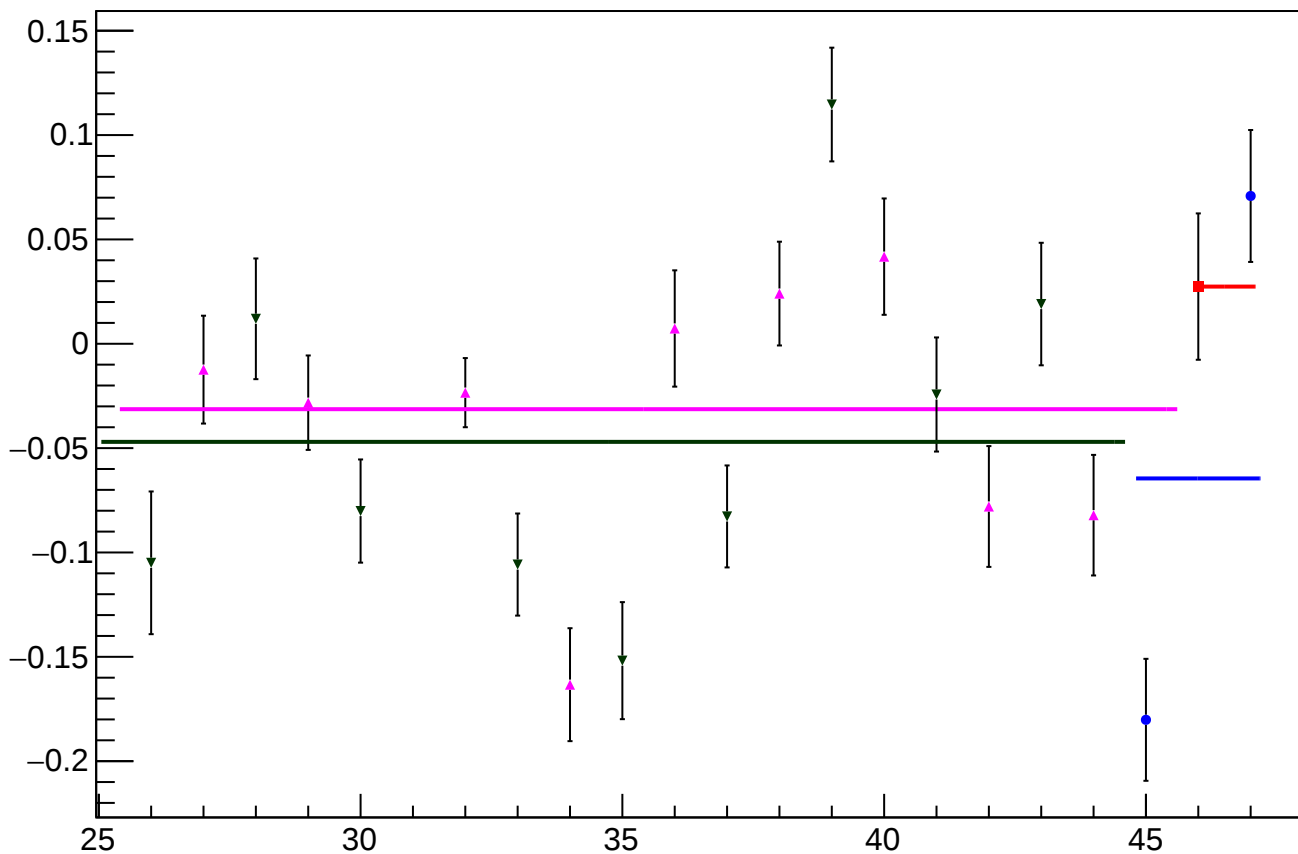
Right Out: 0.007 $\pm$ 0.006 χ^2 /NDF: 0.0/0

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF: 24.7/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 13.6/10

0.002 $\pm$ 0.002 χ^2 /NDF: 25.6/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.065+/-0.021 χ^2/NDF : 34.0/1

Left Out: -0.047+/-0.009 χ^2/NDF : 71.7/8

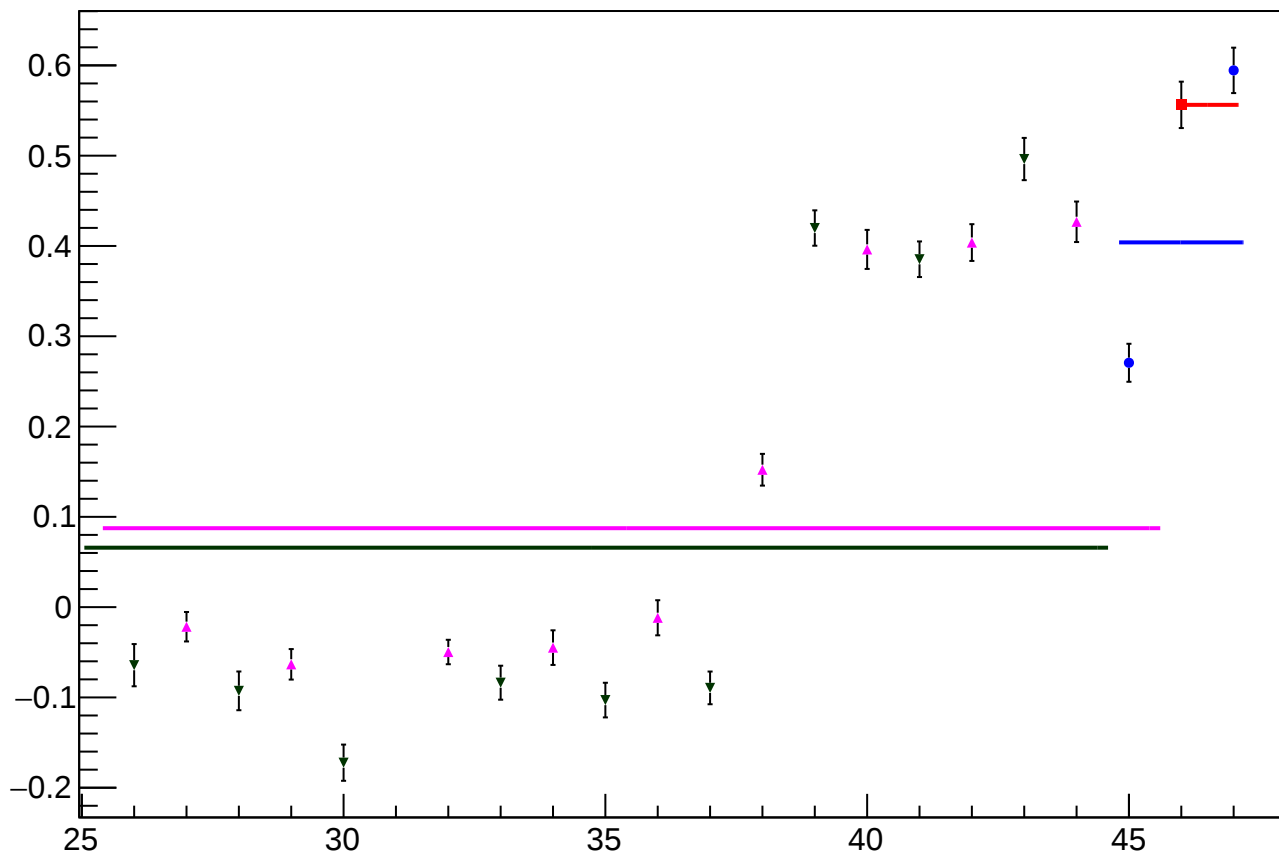
Right Out: 0.027+/-0.035 χ^2/NDF : 0.0/0

Left In: -0.031+/-0.008 χ^2/NDF : 44.0/8

-0.050+/-0.008 χ^2/NDF : 106.2/10

-0.028+/-0.008 χ^2/NDF : 46.7/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.404 $\pm$ 0.016 χ^2 /NDF: 97.5/1

Left Out: 0.066 $\pm$ 0.007 χ^2 /NDF:1368.1/8

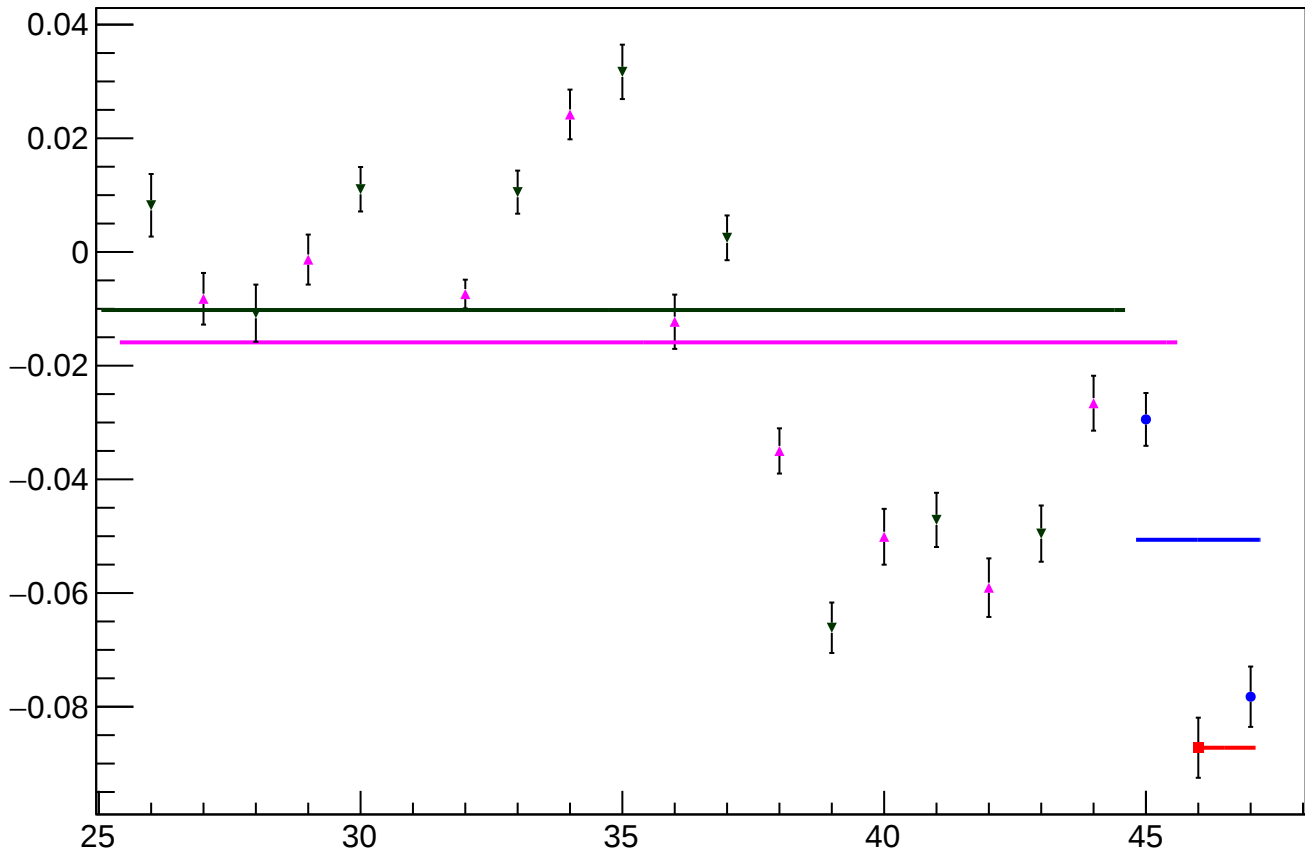
Right Out: 0.556 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF:988.4/8

0.116 $\pm$ 0.006 χ^2 /NDF: 1839.6/10

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: -0.051+/-0.003 χ^2/NDF : 47.9/1

Left Out: -0.010+/-0.001 χ^2/NDF : 439.6/8

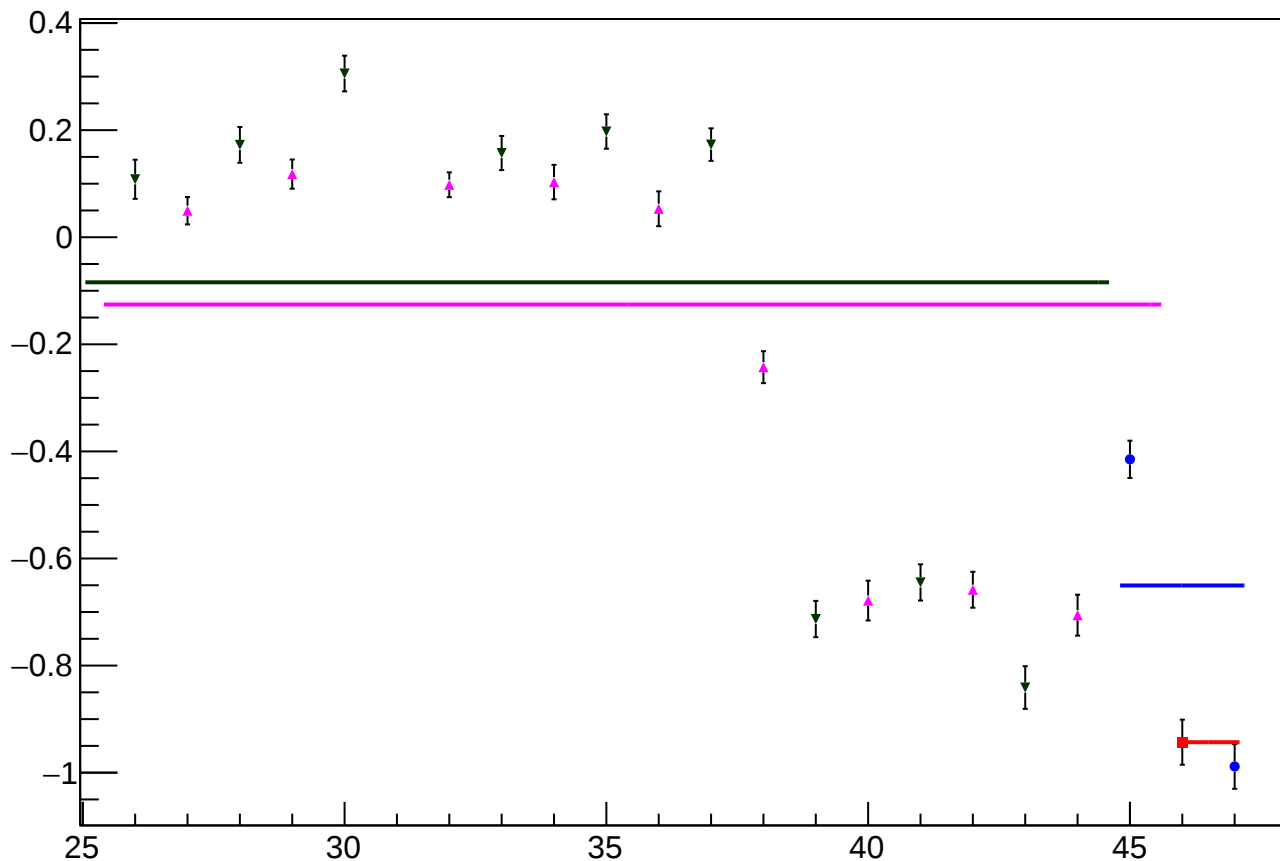
Right Out: -0.087+/-0.005 χ^2/NDF : 0.0/0

Left In: -0.016+/-0.001 χ^2/NDF : 256.4/8

-0.016+/-0.001 χ^2/NDF : 600.7/10

-0.020+/-0.001 χ^2/NDF : 426.9/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.650 $\pm$ 0.027 χ^2 /NDF: 111.4/1

Left Out: -0.084 $\pm$ 0.011 χ^2 /NDF: 1409.4/8

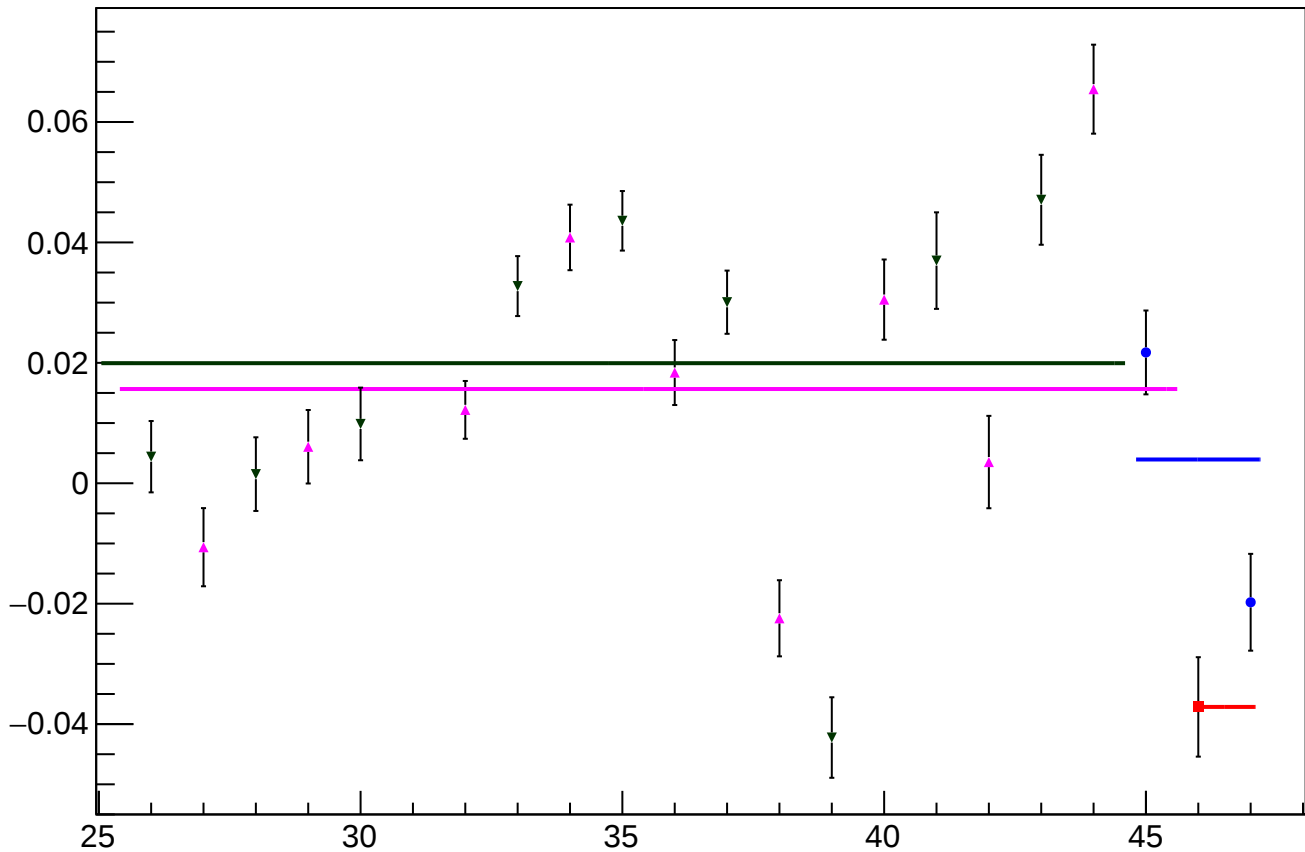
Right Out: -0.943 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left In: -0.126 $\pm$ 0.010 χ^2 /NDF: 1020.3/8

-0.169 $\pm$ 0.010 χ^2 /NDF: 1902.4/10

-0.169 $\pm$ 0.010 χ^2 /NDF: 1376.8/9

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.004 $\pm$ 0.005 χ^2/NDF : 15.2/1

Left Out: 0.020 $\pm$ 0.002 χ^2/NDF :156.1/8

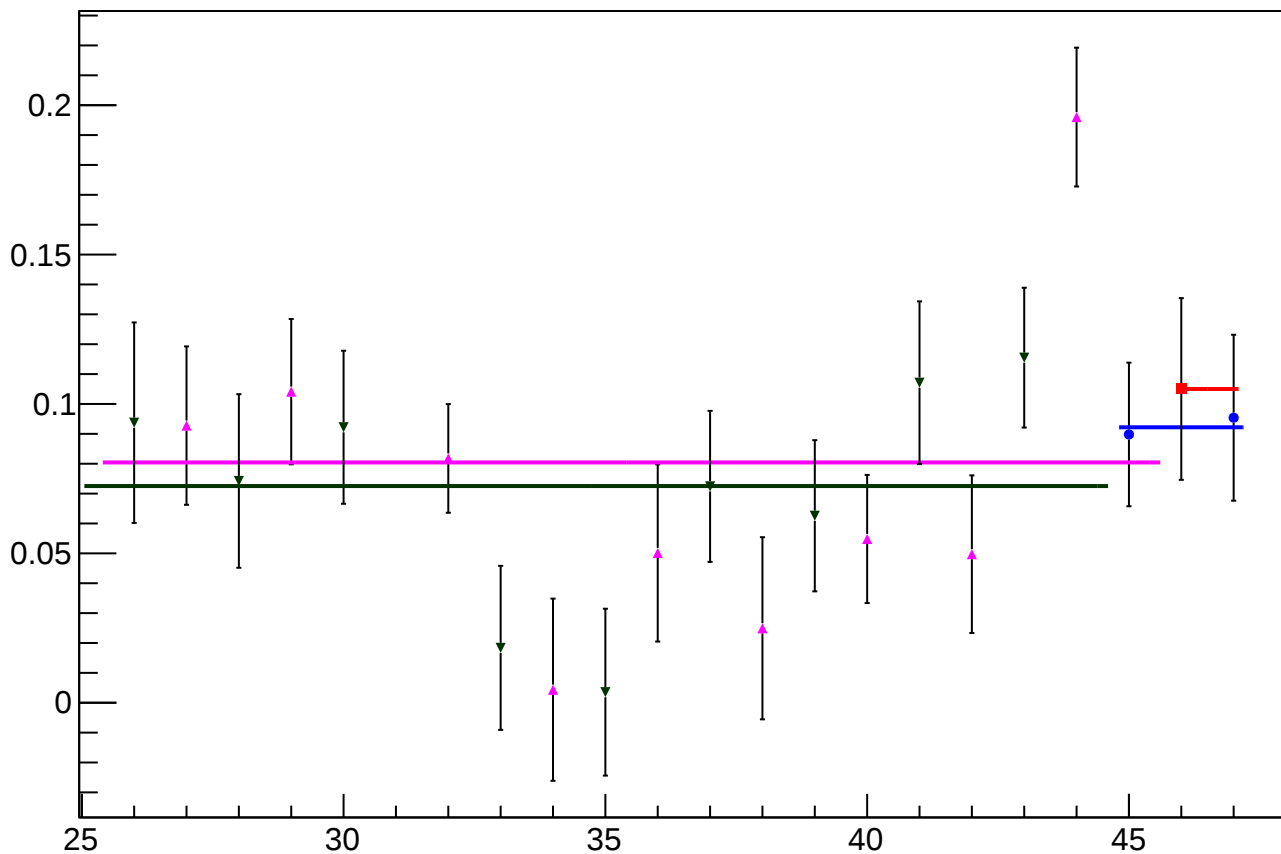
Right Out: -0.037 $\pm$ 0.008 χ^2/NDF : 0.0/0

Left In: 0.016 $\pm$ 0.002 χ^2/NDF :130.2/8

0.018 $\pm$ 0.002 χ^2/NDF : 179.4/10

0.013 $\pm$ 0.002 χ^2/NDF : 168.8/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.092+/-0.018 χ^2/NDF : 0.0/1

Left Out: 0.073+/-0.009 χ^2/NDF :16.1/8

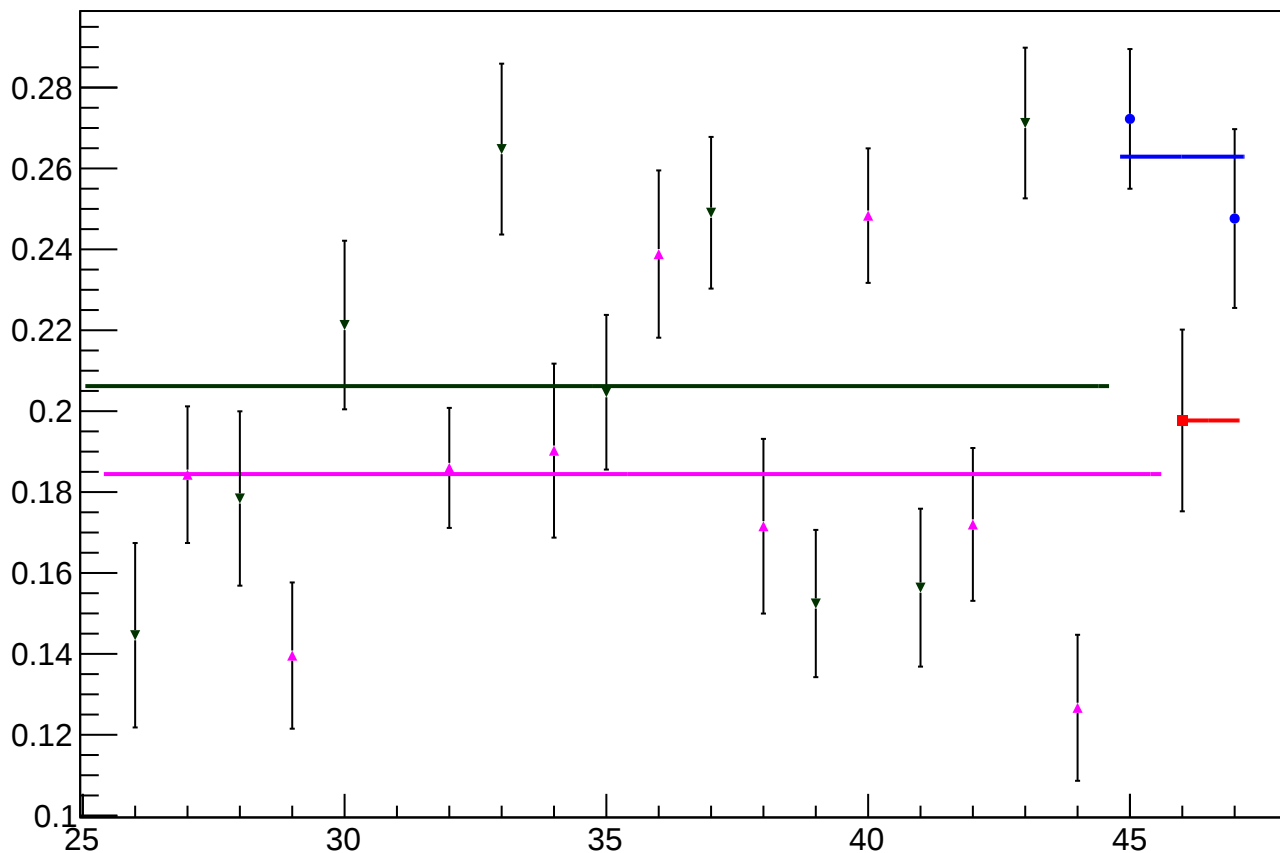
Right Out: 0.105+/-0.030 χ^2/NDF : 0.0/0

Left In: 0.080+/-0.008 χ^2/NDF :39.3/8

0.076+/-0.008 χ^2/NDF : 17.1/10

0.082+/-0.008 χ^2/NDF : 39.9/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.263 $\pm$ 0.014 χ^2/NDF : 0.8/1

Left Out: 0.206 $\pm$ 0.007 χ^2/NDF : 49.8/8

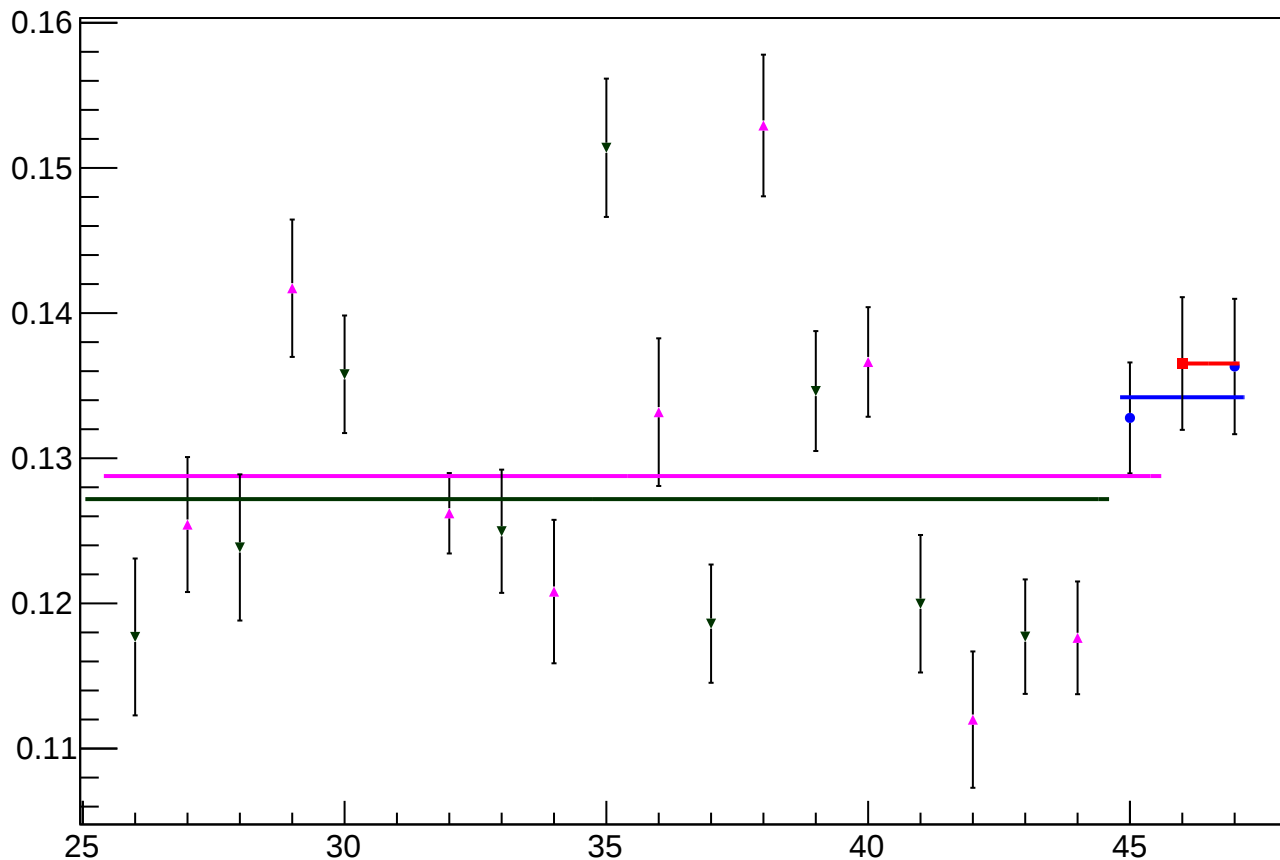
Right Out: 0.198 $\pm$ 0.022 χ^2/NDF : 0.0/0

Left In: 0.184 $\pm$ 0.006 χ^2/NDF : 39.0/8

0.217 $\pm$ 0.006 χ^2/NDF : 64.7/10

0.185 $\pm$ 0.006 χ^2/NDF : 39.3/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.134 $\pm$ 0.003 χ^2 /NDF: 0.3/1

Left Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 49.9/8

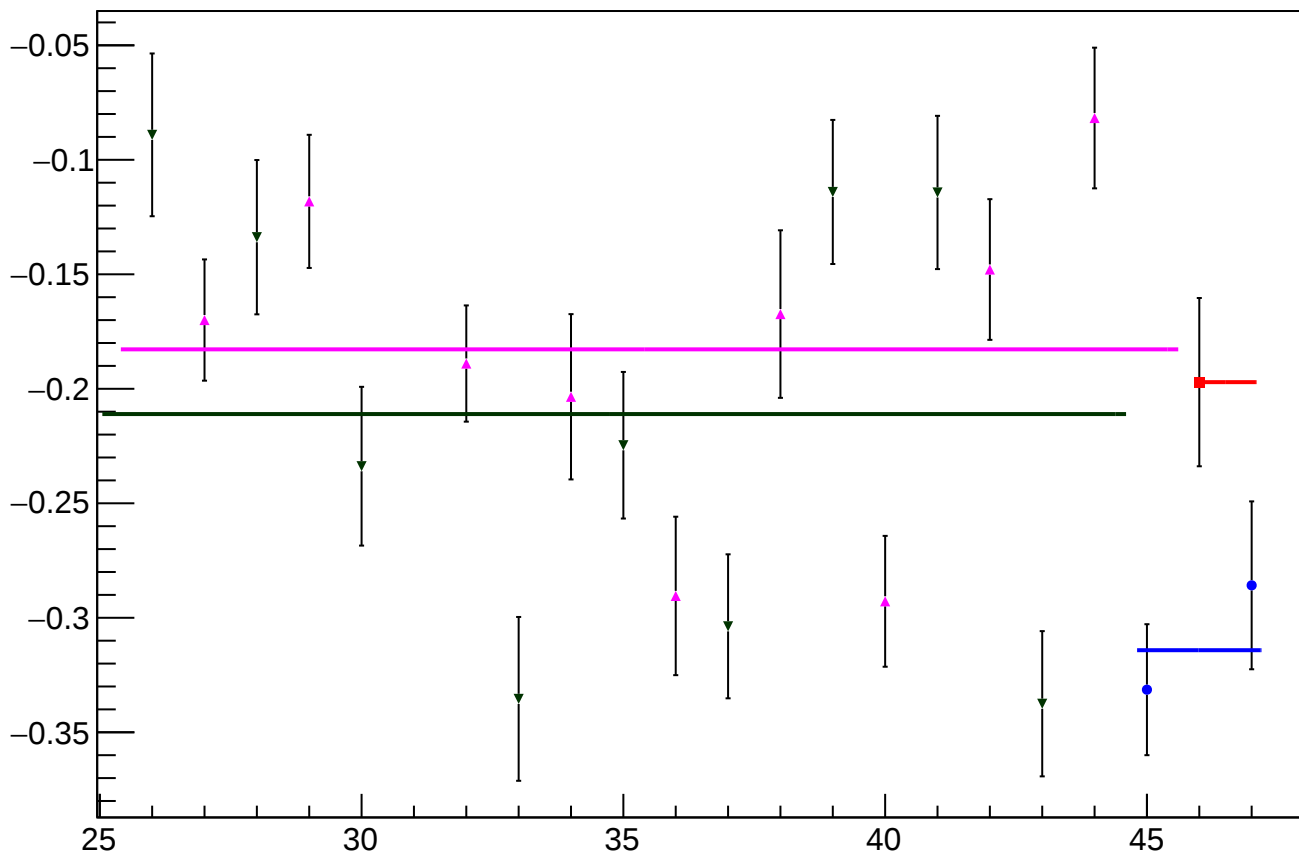
Right Out: 0.137 $\pm$ 0.005 χ^2 /NDF: 0.0/0

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.129 $\pm$ 0.001 χ^2 /NDF: 54.8/10

0.129 $\pm$ 0.001 χ^2 /NDF: 64.7/9

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.314+/-0.023 χ^2/NDF : 1.0/1

Left Out: -0.211+/-0.011 χ^2/NDF : 72.2/8

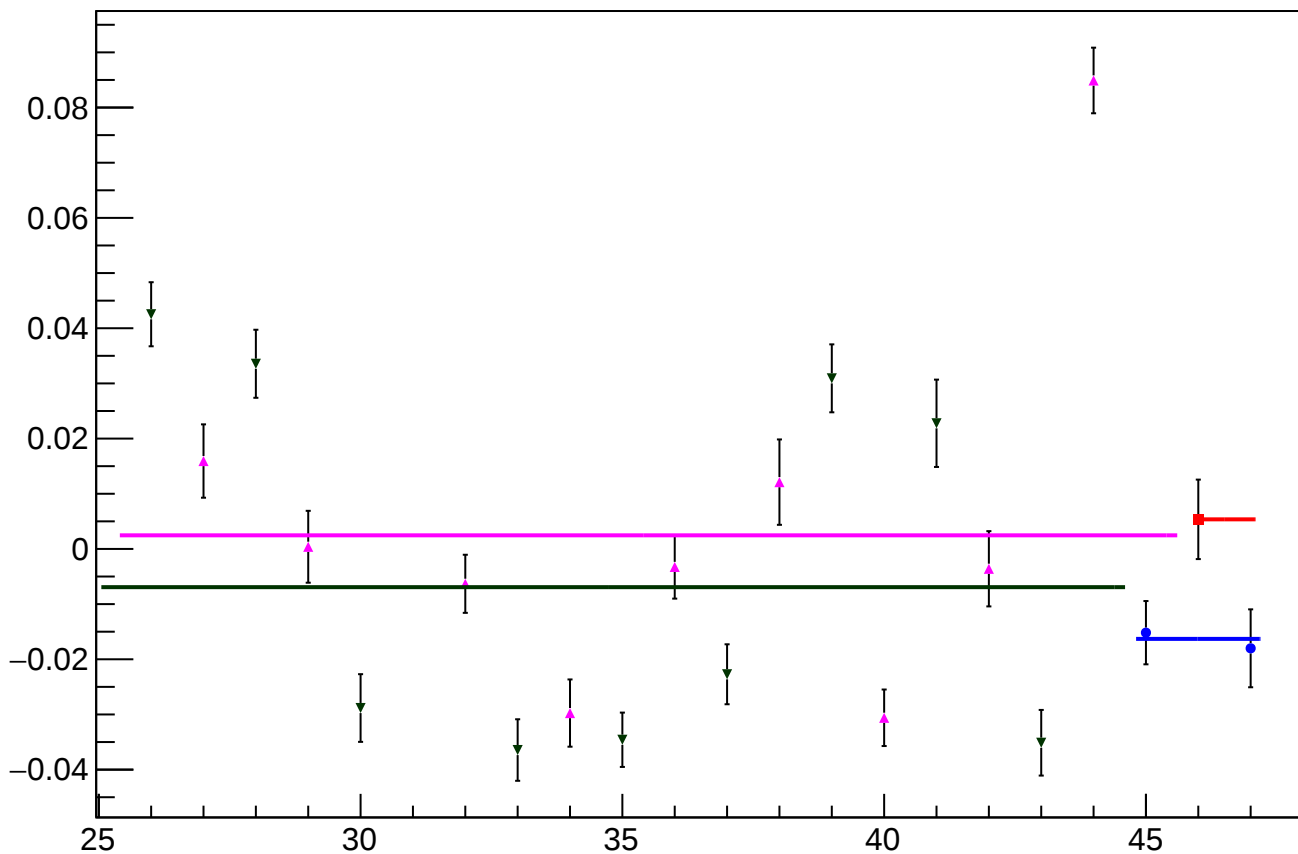
Right Out: -0.197+/-0.037 χ^2/NDF : 0.0/0

Left In: -0.183+/-0.010 χ^2/NDF : 42.4/8

-0.231+/-0.010 χ^2/NDF : 90.0/10

-0.184+/-0.010 χ^2/NDF : 42.5/9

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.016+/-0.004 χ^2/NDF : 0.1/1

Left Out: -0.007+/-0.002 χ^2/NDF :270.8/8

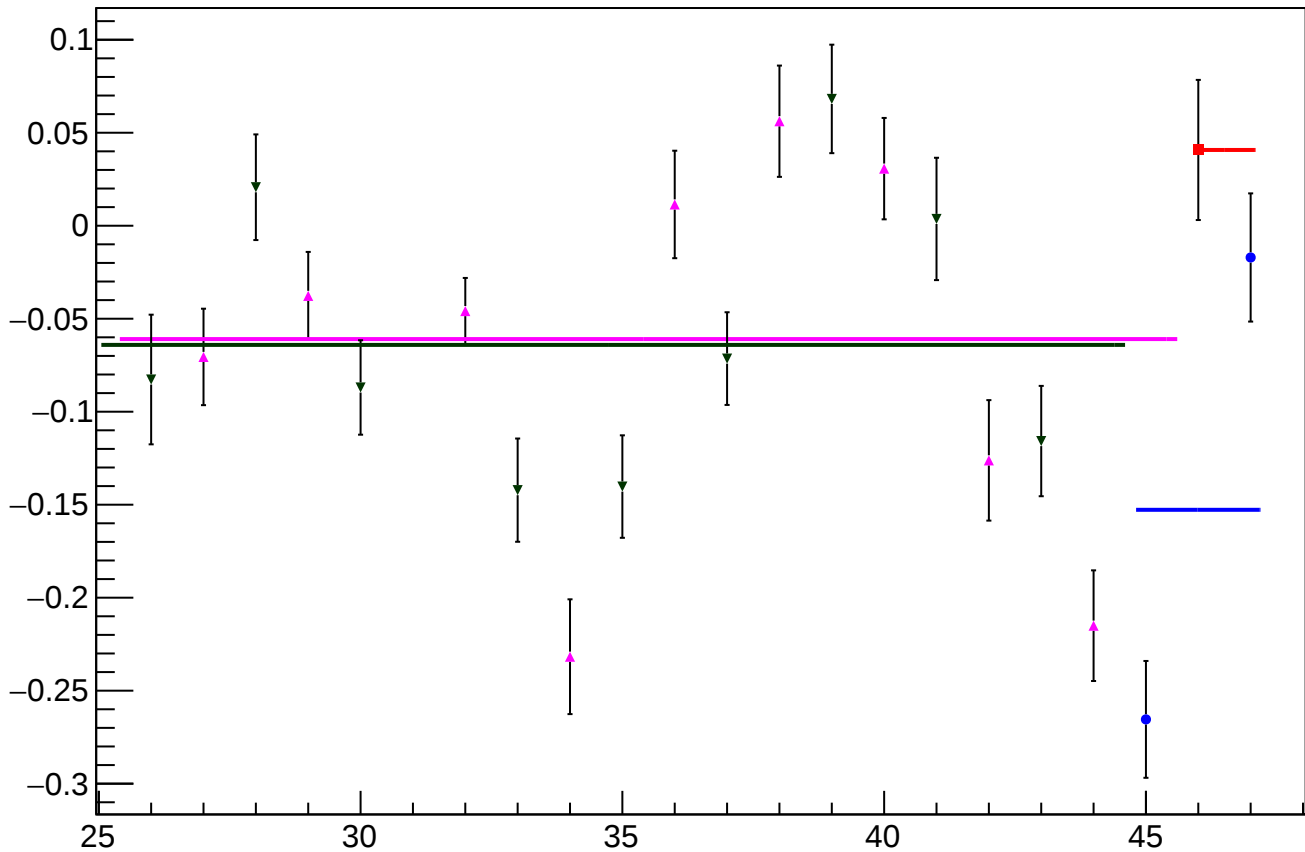
Right Out: 0.005+/-0.007 χ^2/NDF : 0.0/0

Left In: 0.002+/-0.002 χ^2/NDF :272.2/8

-0.008+/-0.002 χ^2/NDF : 274.6/10

0.003+/-0.002 χ^2/NDF : 272.4/9

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.153 ± 0.023 $\chi^2/\text{NDF}: 28.4/1$

Left Out: -0.064 ± 0.010 $\chi^2/\text{NDF}: 53.5/8$

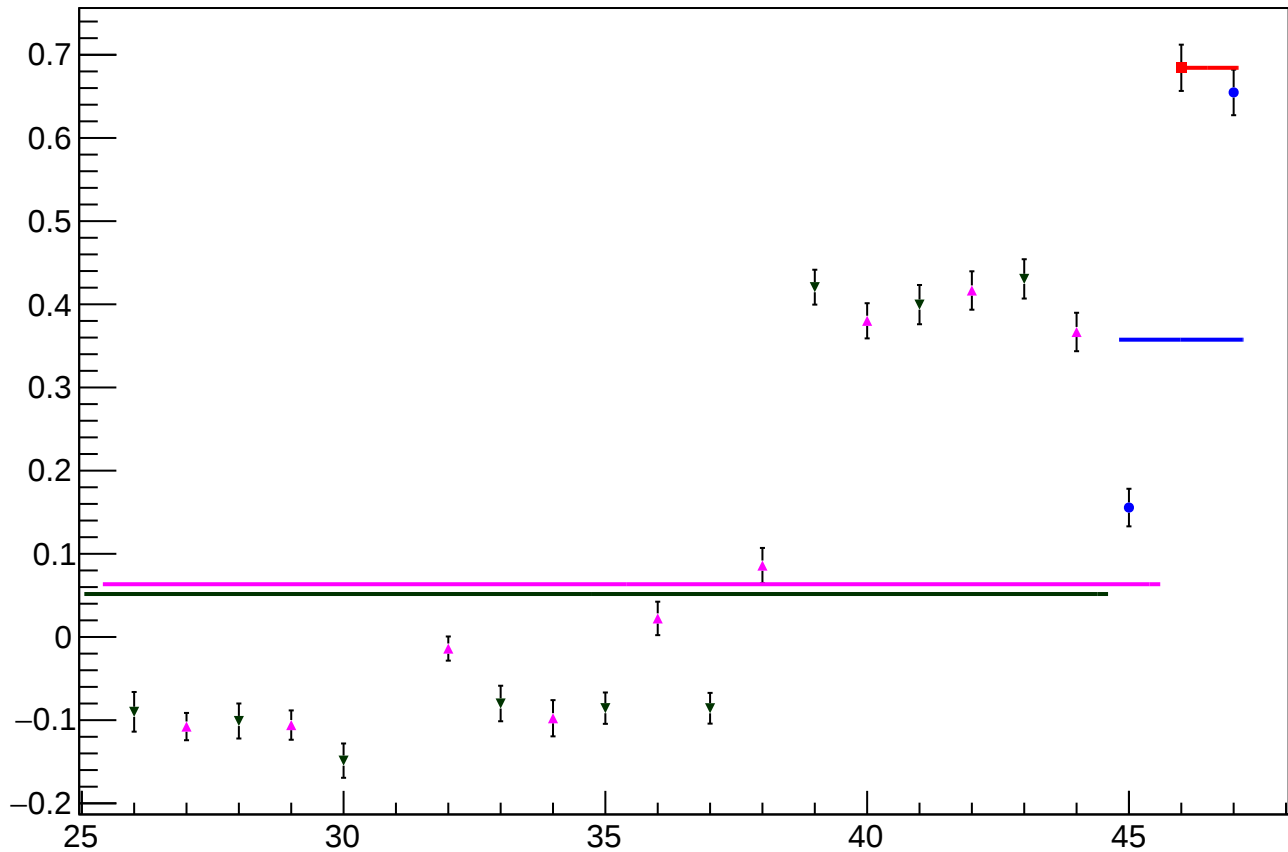
Right Out: 0.041 ± 0.038 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.061 ± 0.009 $\chi^2/\text{NDF}: 96.2/8$

-0.077 ± 0.009 $\chi^2/\text{NDF}: 94.4/10$

-0.056 ± 0.008 $\chi^2/\text{NDF}: 103.2/9$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.357 $\pm$ 0.017 χ^2 /NDF: 197.4/1

Left Out: 0.052 $\pm$ 0.007 χ^2 /NDF:1112.2/8

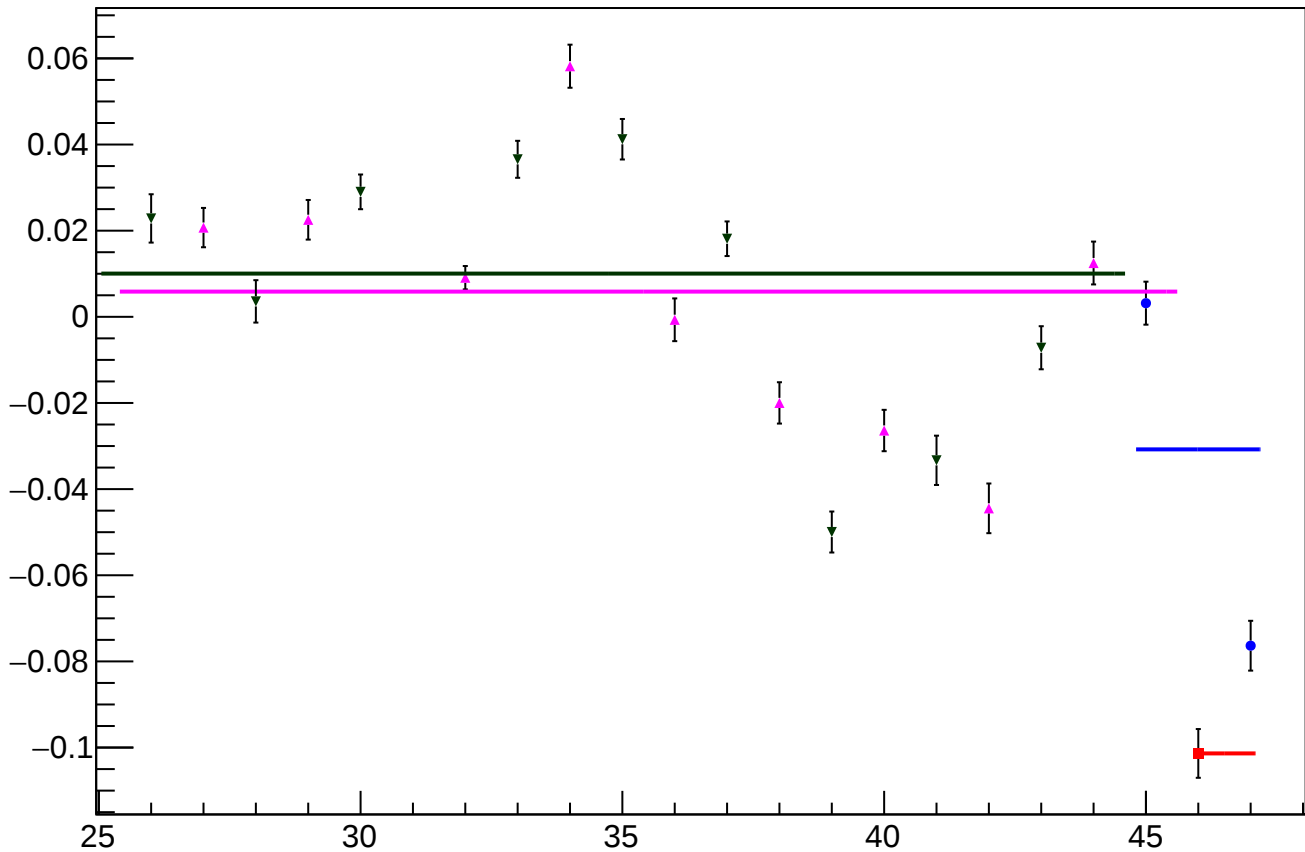
0.095 $\pm$ 0.007 χ^2 /NDF: 1574.1/10

Right Out: 0.684 $\pm$ 0.028 χ^2 /NDF: 0.0/0

0.095 $\pm$ 0.006 χ^2 /NDF: 1393.3/9

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:919.9/8

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.031+/-0.004 χ^2/NDF : 108.4/1

Left Out: 0.010+/-0.002 χ^2/NDF : 343.5/8

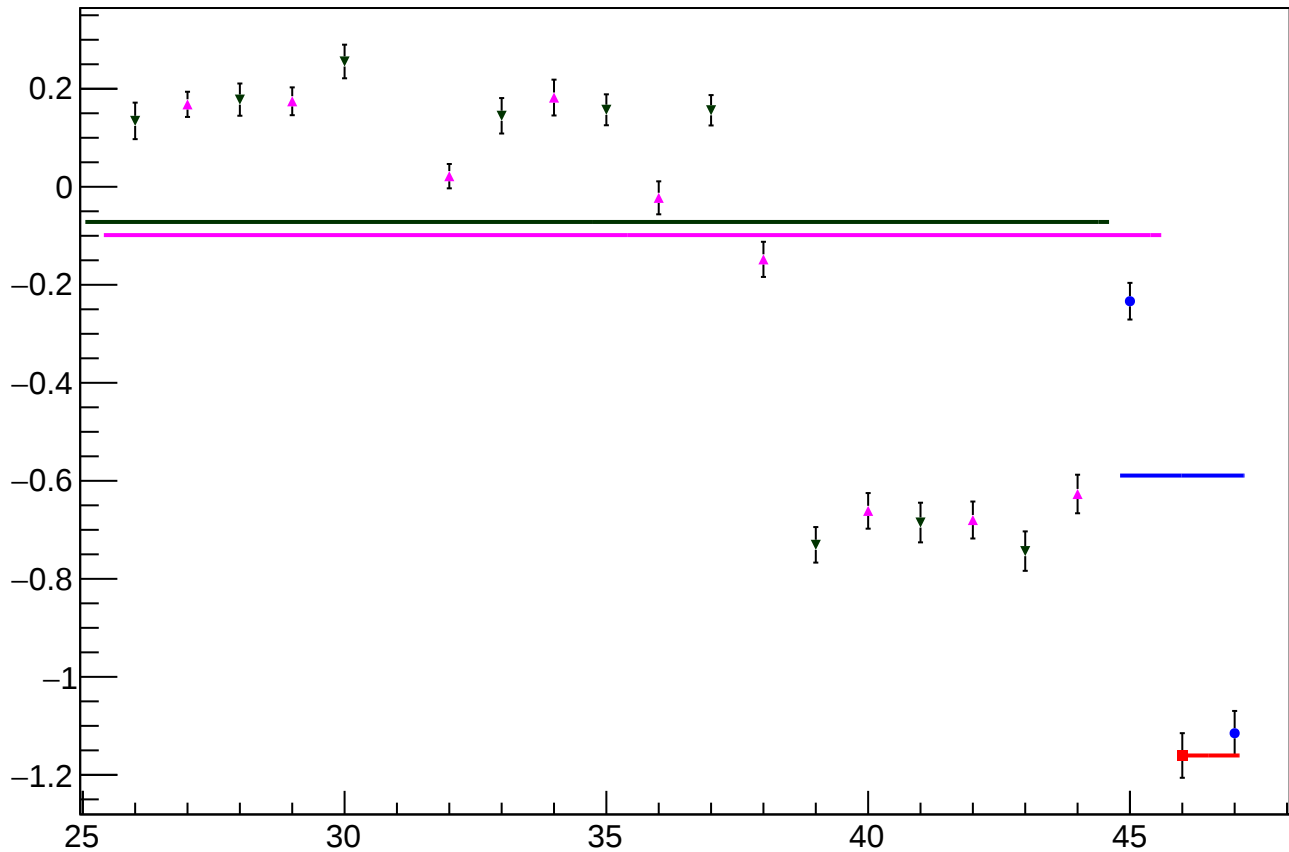
Right Out: -0.101+/-0.006 χ^2/NDF : 0.0/0

Left In: 0.006+/-0.001 χ^2/NDF : 288.4/8

0.004+/-0.001 χ^2/NDF : 551.6/10

-0.001+/-0.001 χ^2/NDF : 624.8/9

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.589 ± 0.029 $\chi^2/\text{NDF}: 224.2/1$

Left Out: -0.072 ± 0.012 $\chi^2/\text{NDF}: 1160.0/8$

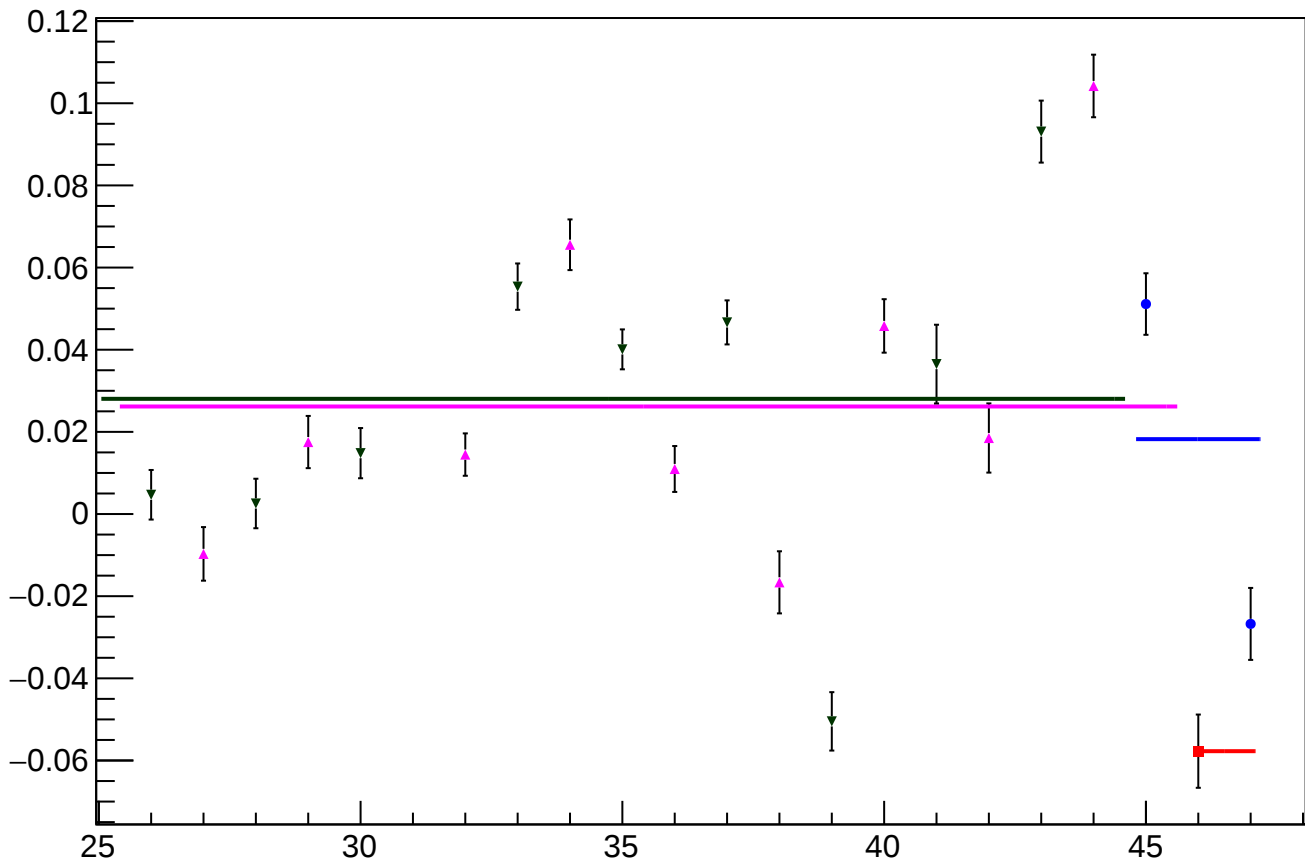
Right Out: -1.160 ± 0.046 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.099 ± 0.011 $\chi^2/\text{NDF}: 947.3/8$

-0.145 ± 0.011 $\chi^2/\text{NDF}: 1659.8/10$

-0.153 ± 0.010 $\chi^2/\text{NDF}: 1463.2/9$

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.018 ± 0.006 $\chi^2/\text{NDF}: 45.6/1$

Left Out: 0.028 ± 0.002 $\chi^2/\text{NDF}: 276.2/8$

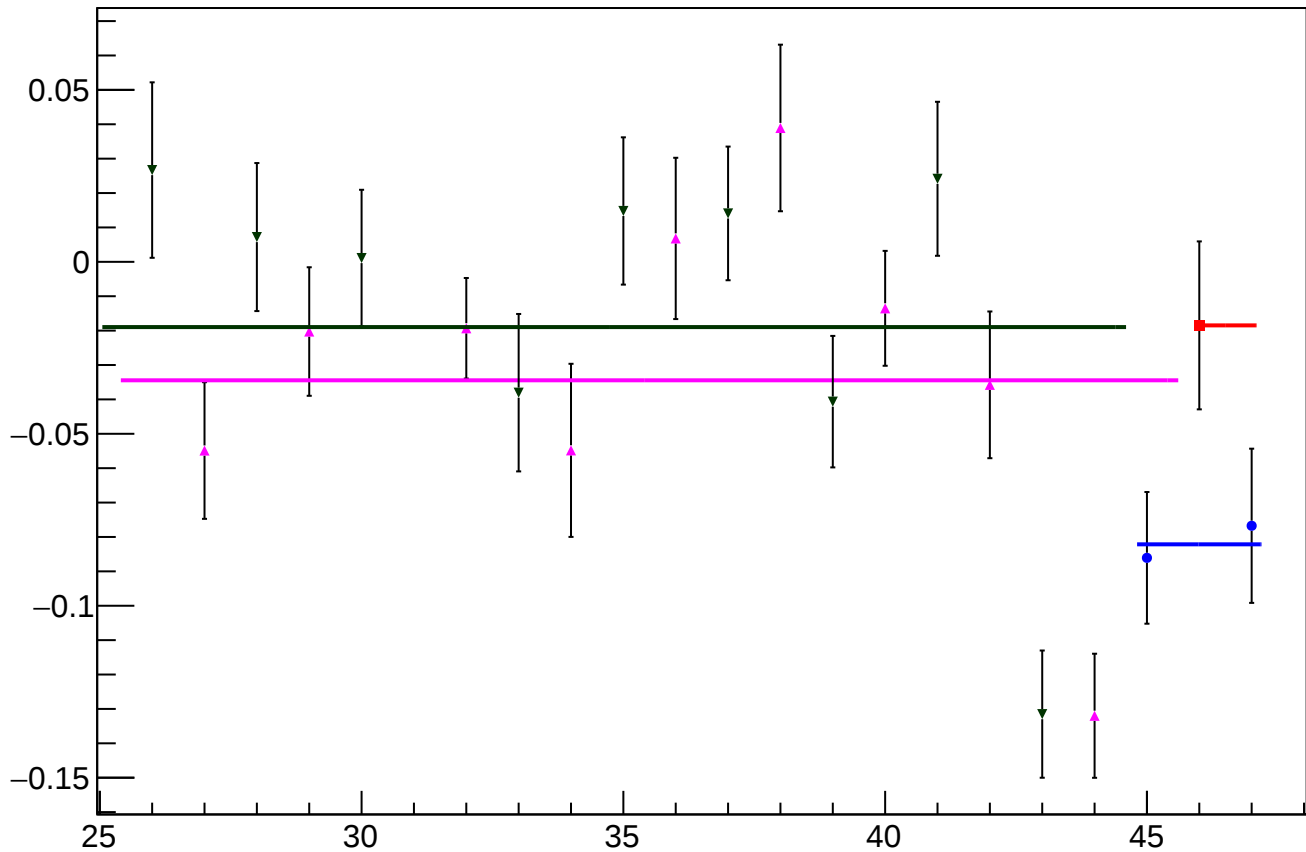
Right Out: -0.058 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.026 ± 0.002 $\chi^2/\text{NDF}: 232.3/8$

0.027 ± 0.002 $\chi^2/\text{NDF}: 324.5/10$

0.022 ± 0.002 $\chi^2/\text{NDF}: 316.0/9$

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.082 $\pm$ 0.015 χ^2 /NDF: 0.1/1

Left Out: -0.019 $\pm$ 0.007 χ^2 /NDF: 53.8/8

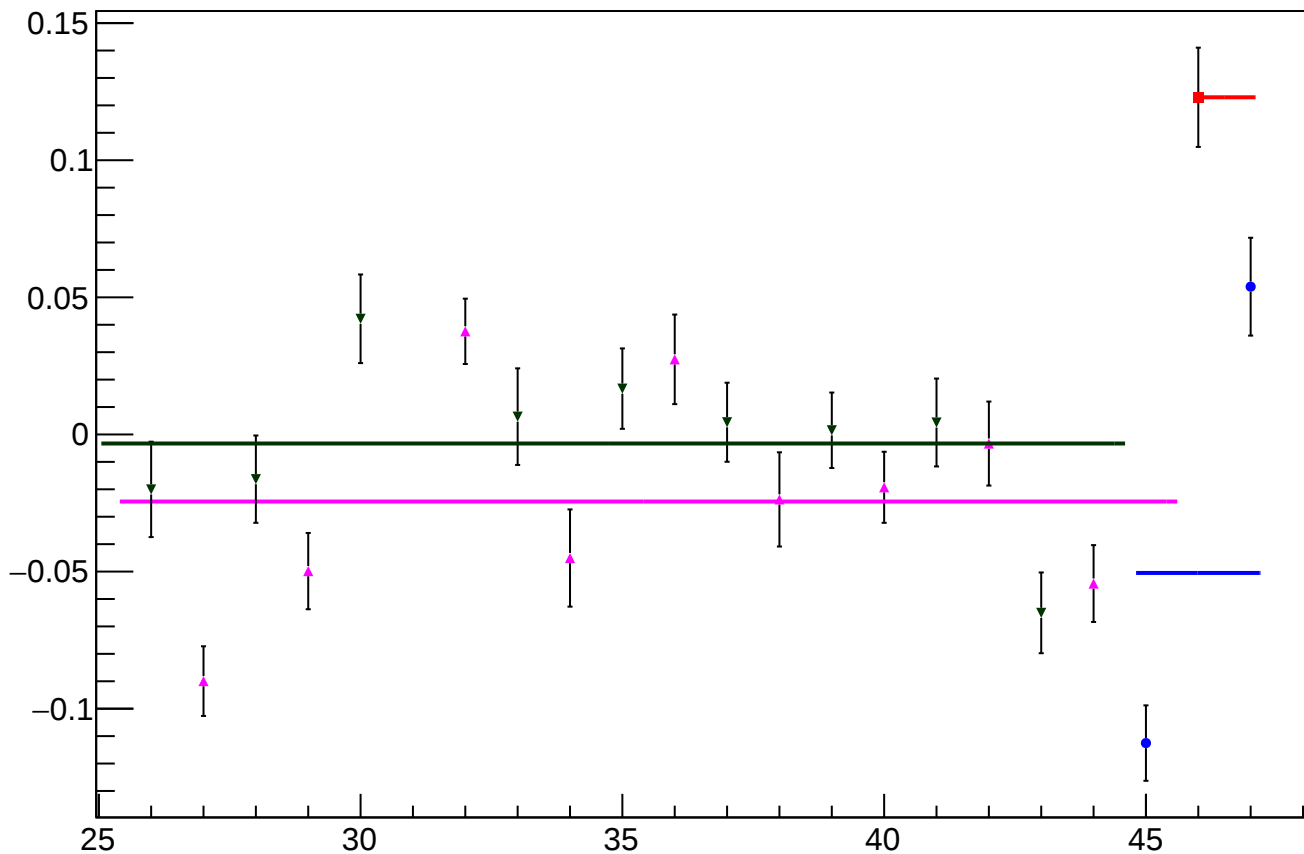
Right Out: -0.018 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.006 χ^2 /NDF: 46.4/8

-0.031 $\pm$ 0.006 χ^2 /NDF: 69.2/10

-0.033 $\pm$ 0.006 χ^2 /NDF: 46.8/9

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.051 ± 0.011 χ^2/NDF : 54.6/1

Left Out: -0.003 ± 0.005 χ^2/NDF : 29.9/8

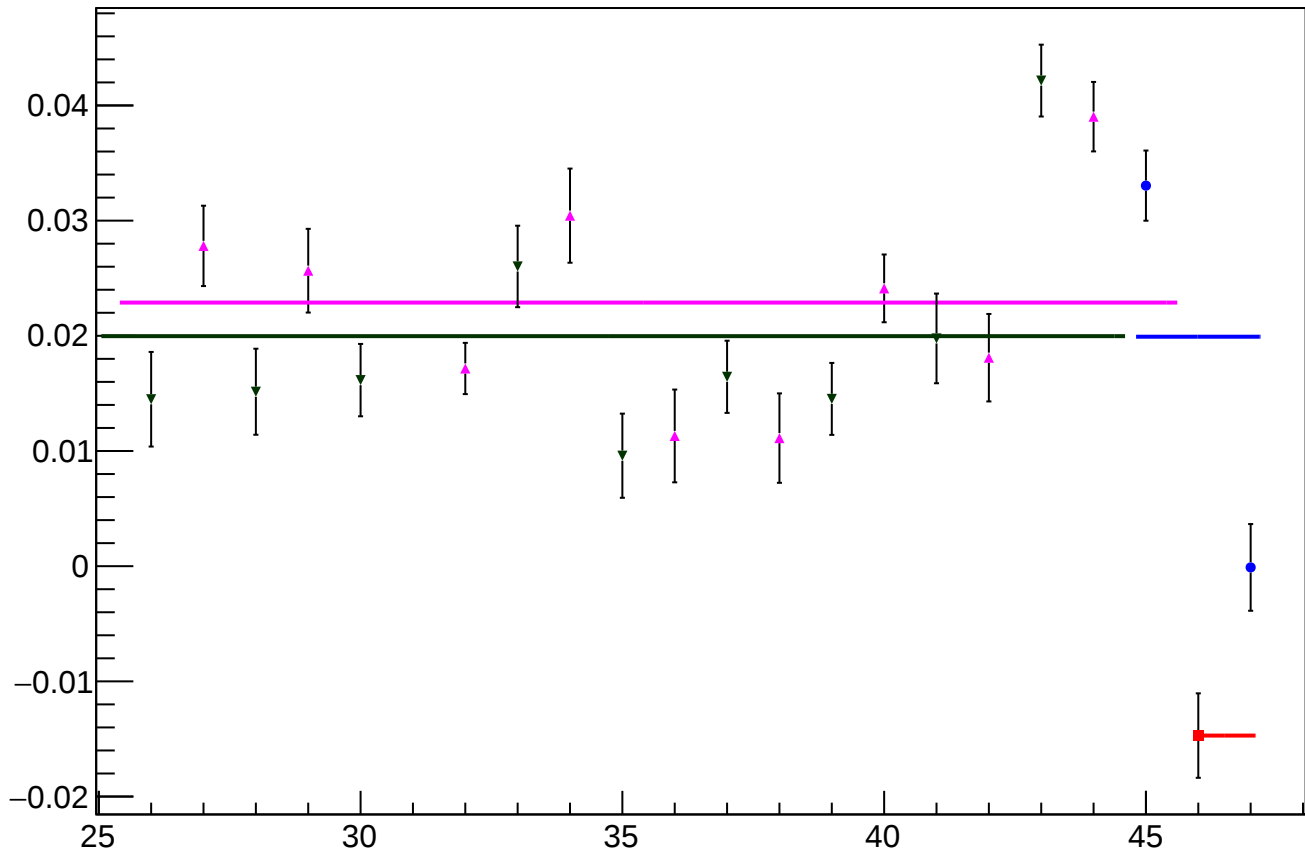
Right Out: 0.123 ± 0.018 χ^2/NDF : 0.0/0

Left In: -0.024 ± 0.005 χ^2/NDF : 75.1/8

-0.012 ± 0.005 χ^2/NDF : 99.8/10

-0.015 ± 0.005 χ^2/NDF : 137.2/9

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.020 $\pm$ 0.002 χ^2 /NDF: 46.9/1

Left Out: 0.020 $\pm$ 0.001 χ^2 /NDF: 70.9/8

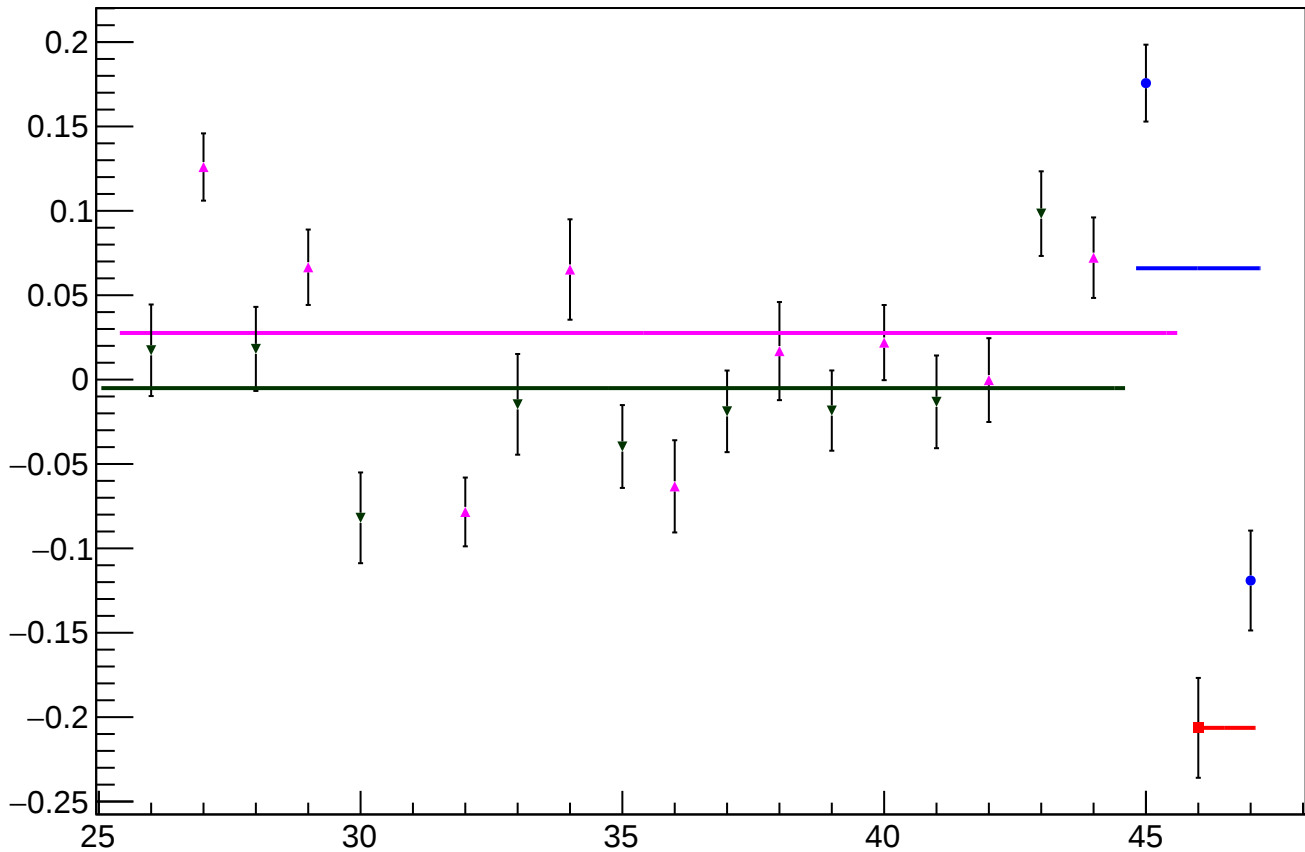
Right Out: -0.015 $\pm$ 0.004 χ^2 /NDF: 0.0/0

Left In: 0.023 $\pm$ 0.001 χ^2 /NDF: 60.5/8

0.020 $\pm$ 0.001 χ^2 /NDF: 117.7/10

0.020 $\pm$ 0.001 χ^2 /NDF: 157.1/9

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.066+/-0.018 χ^2/NDF : 62.3/1

Left Out: -0.005+/-0.009 χ^2/NDF : 29.5/8

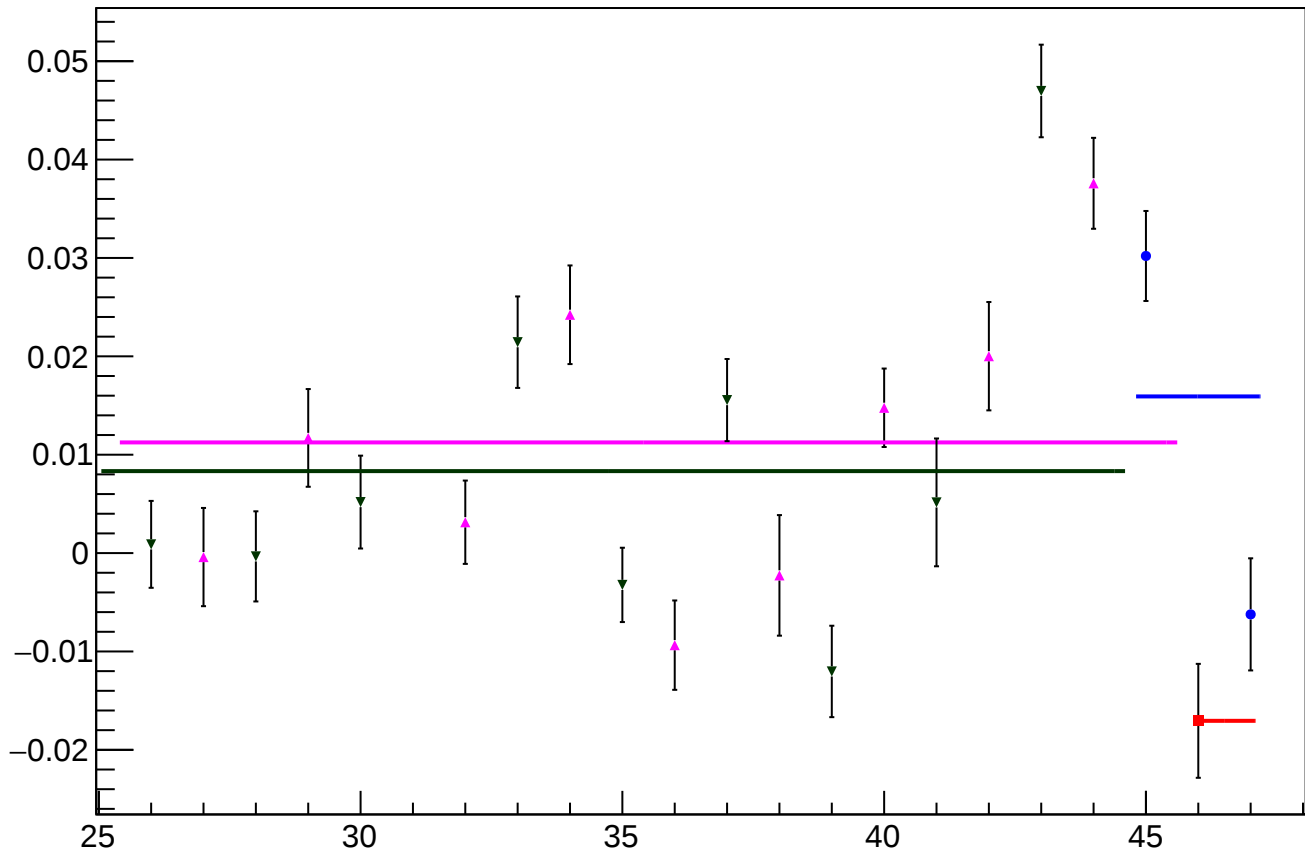
Right Out: -0.206+/-0.030 χ^2/NDF : 0.0/0

Left In: 0.028+/-0.008 χ^2/NDF : 72.1/8

0.008+/-0.008 χ^2/NDF : 104.5/10

0.012+/-0.008 χ^2/NDF : 130.4/9

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.016 $\pm$ 0.004 χ^2 /NDF: 24.9/1

Left Out: 0.008 $\pm$ 0.002 χ^2 /NDF:114.0/8

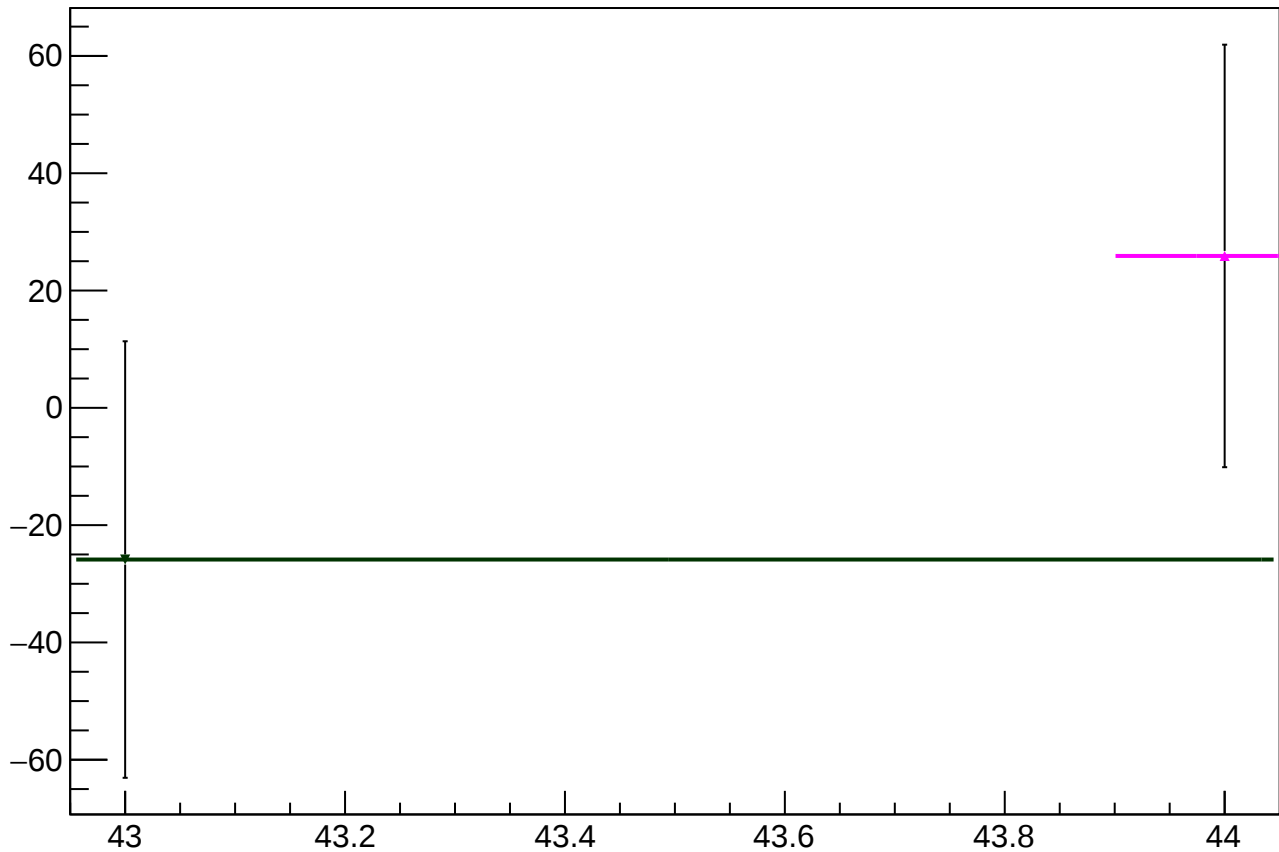
Right Out: -0.017 $\pm$ 0.006 χ^2 /NDF: 0.0/0

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:77.1/8

0.009 $\pm$ 0.001 χ^2 /NDF: 142.7/10

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

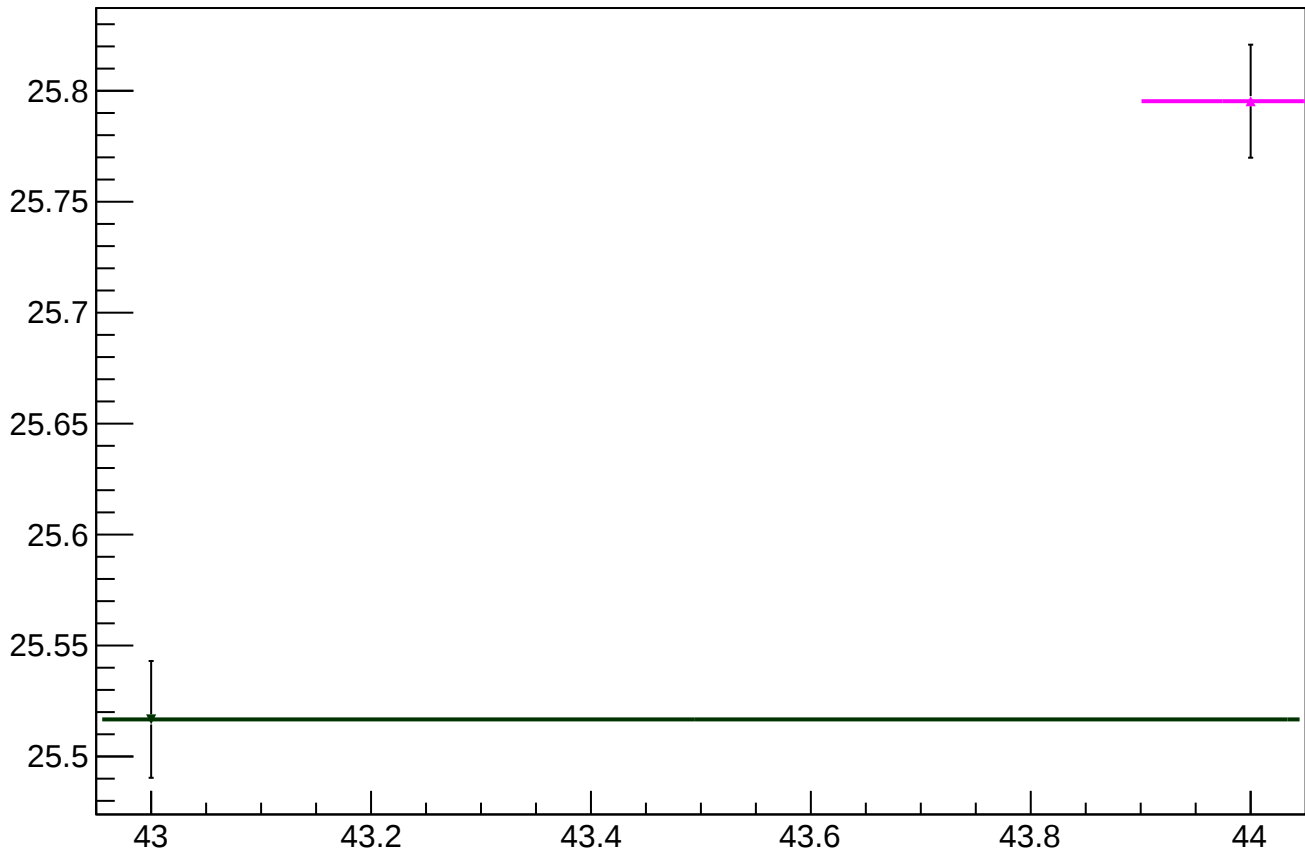
Left Out: -25.864+/-37.215 χ^2/NDF : 0.0/0

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

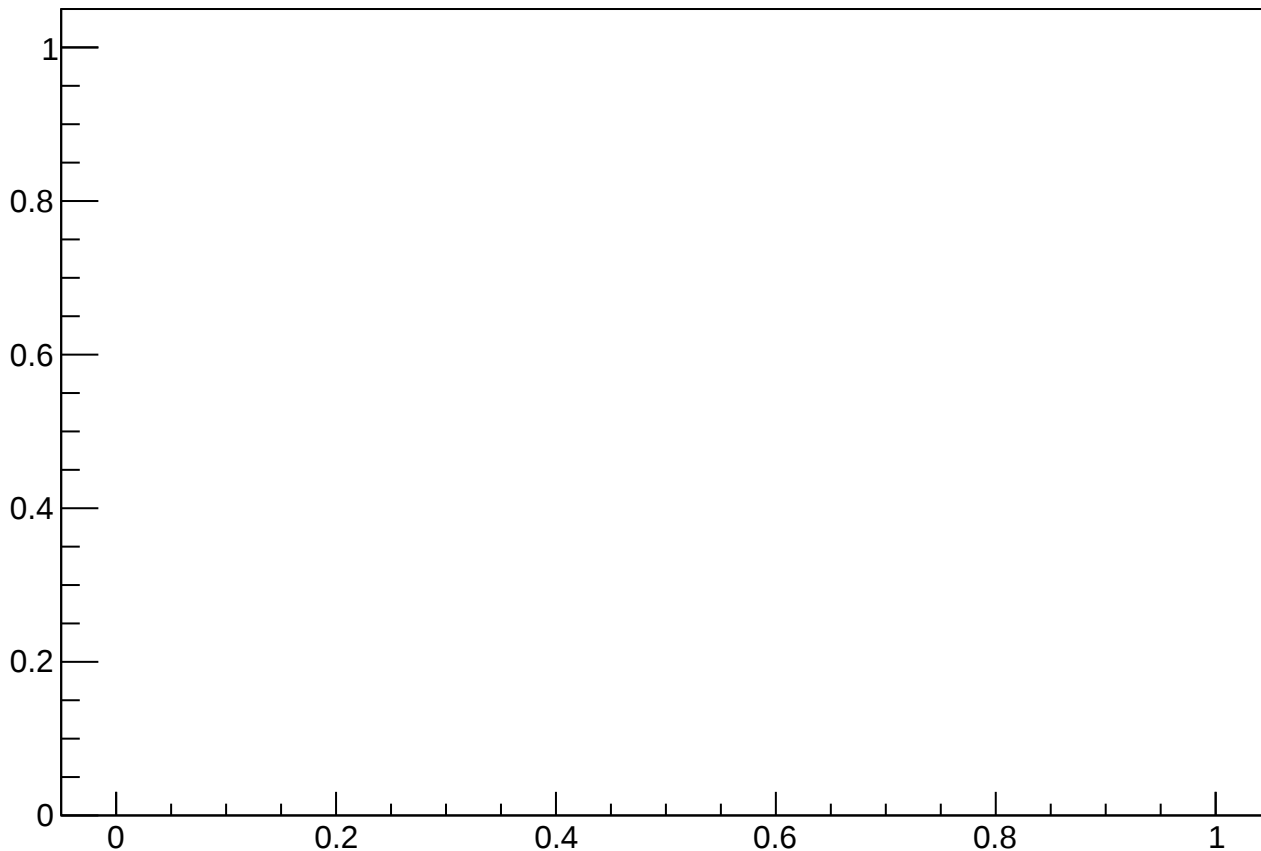
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

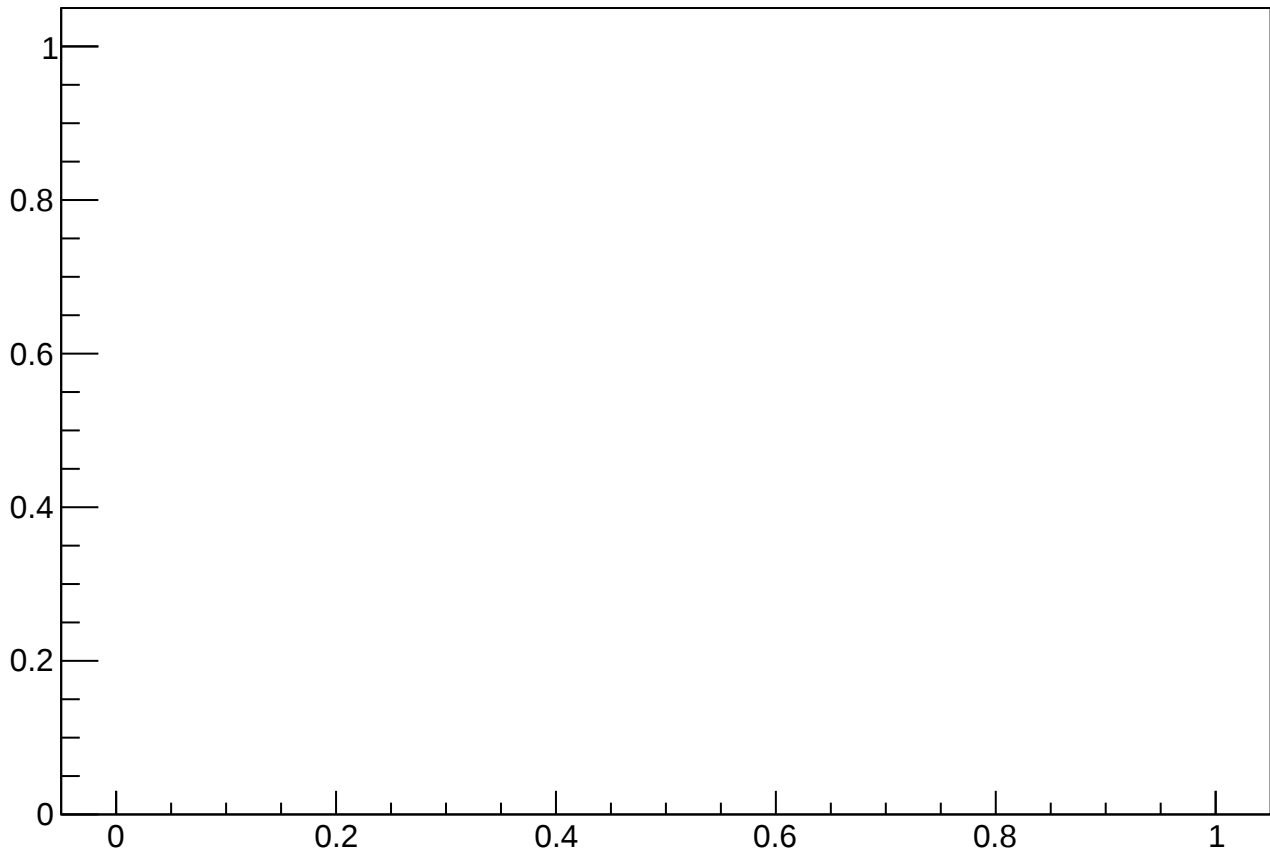
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

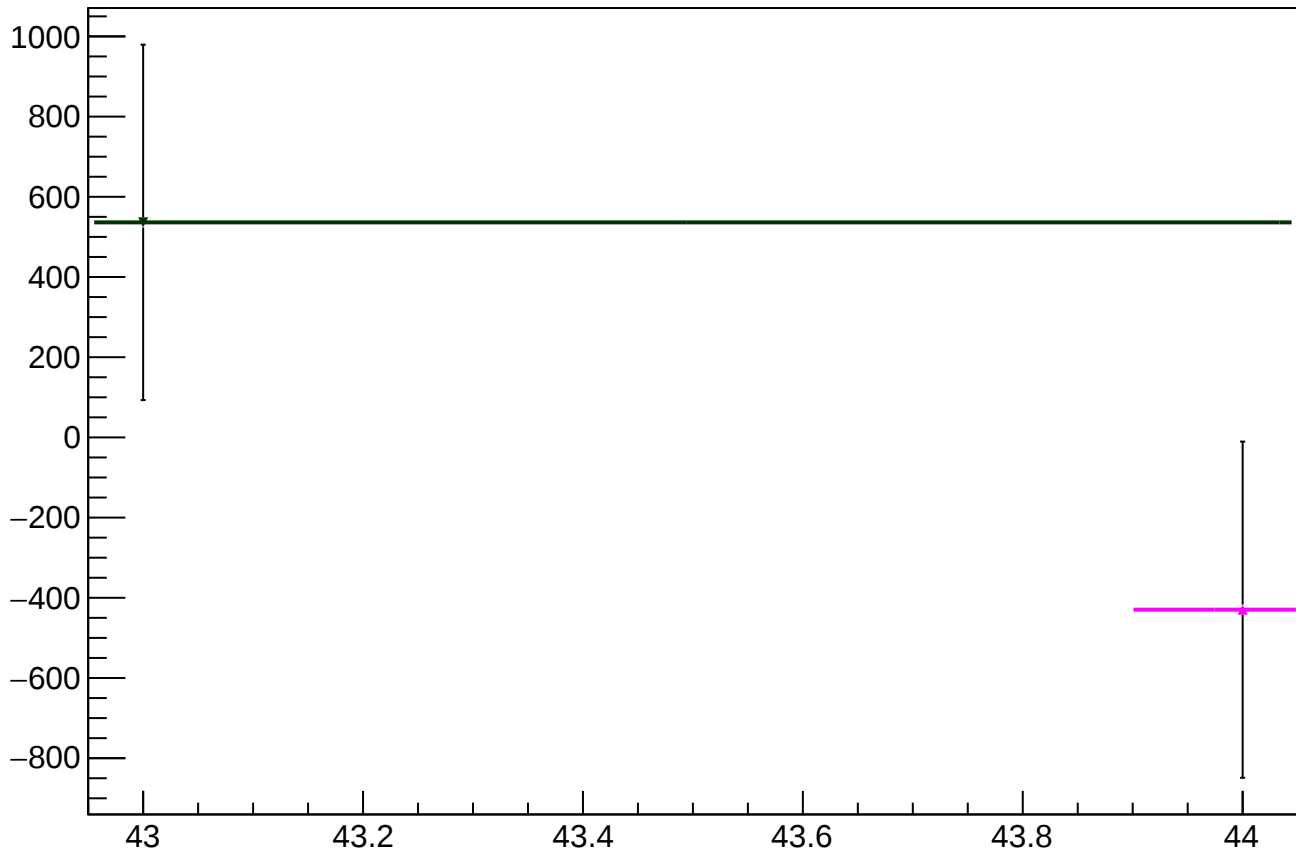
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

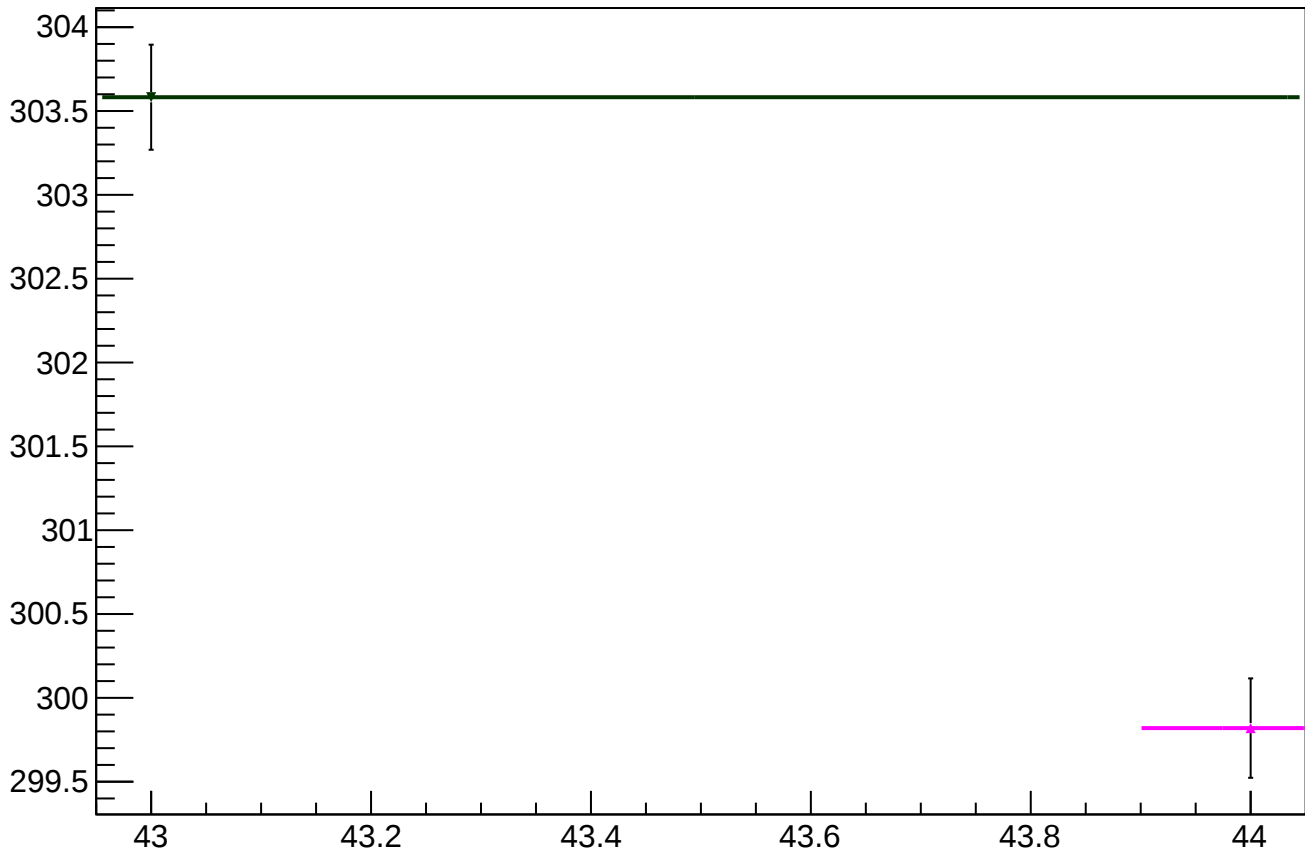
536.234 +/- 443.159 χ^2/NDF : 0.0/0

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

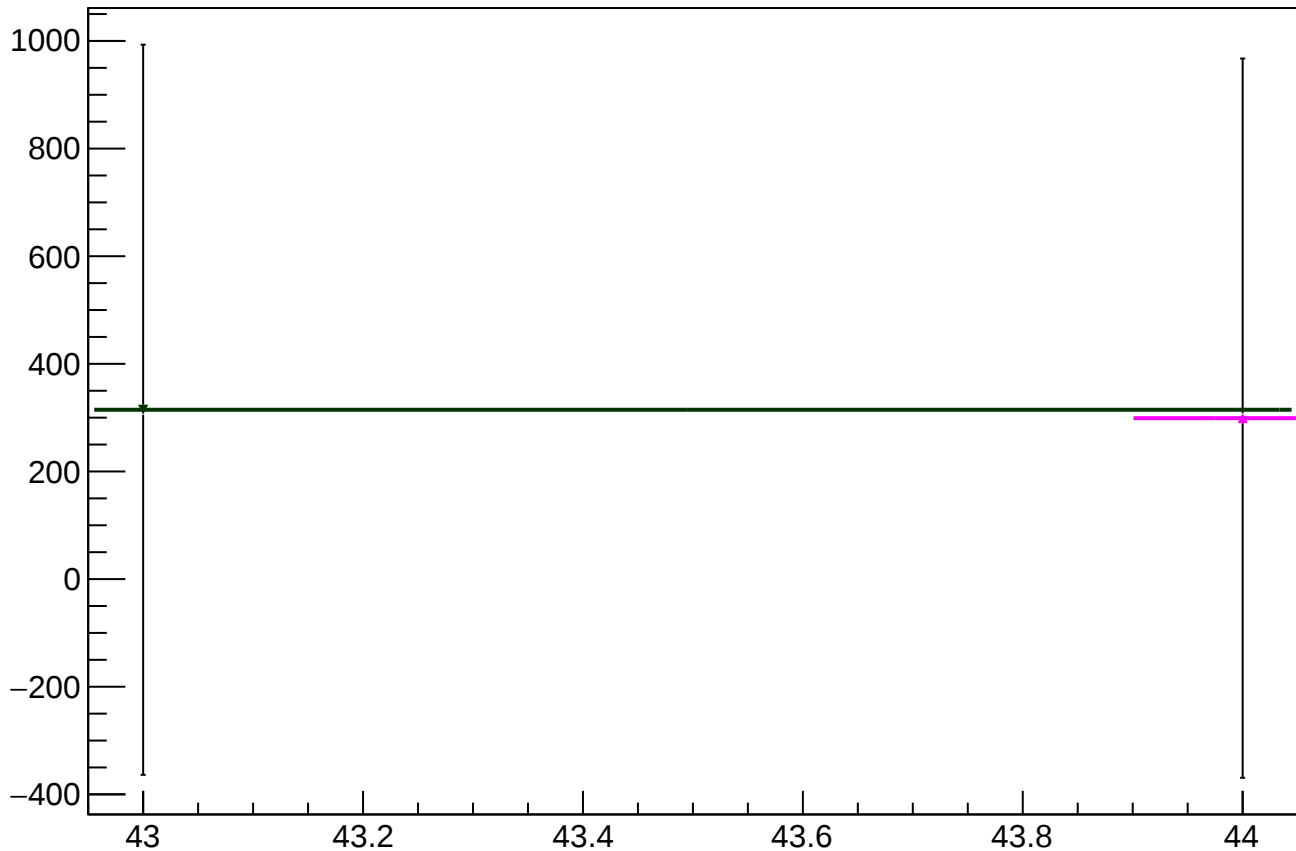
303.582+/-0.313 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 314.697+/-678.402 χ^2/NDF : 0.0/0

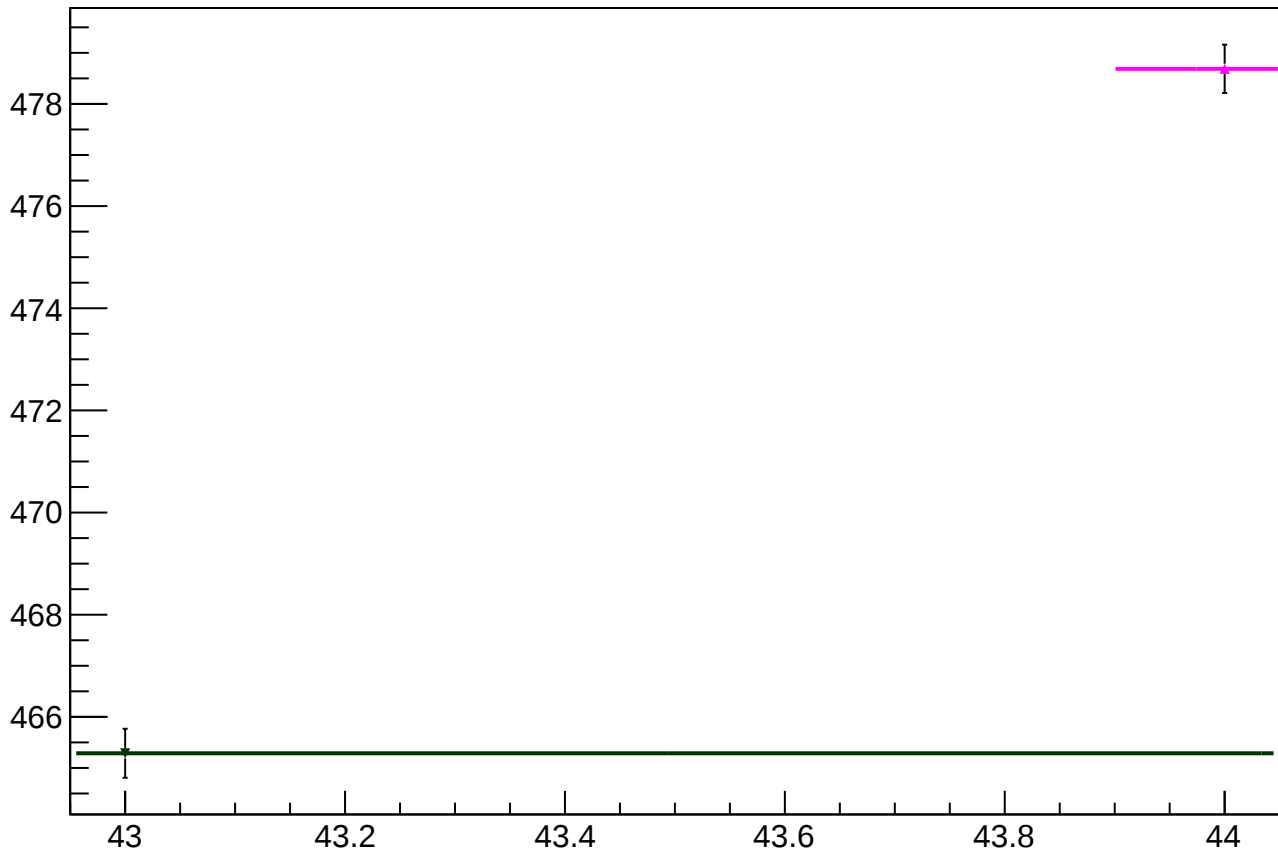
314.697+/-678.402 χ^2/NDF : 0.0/0

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

299.068+/-668.301 χ^2/NDF : 0.0/0

Left In: 299.068+/-668.301 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs slug



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

Left Out: 465.287 $\pm$ 0.480 χ^2 /NDF: 0.0/0

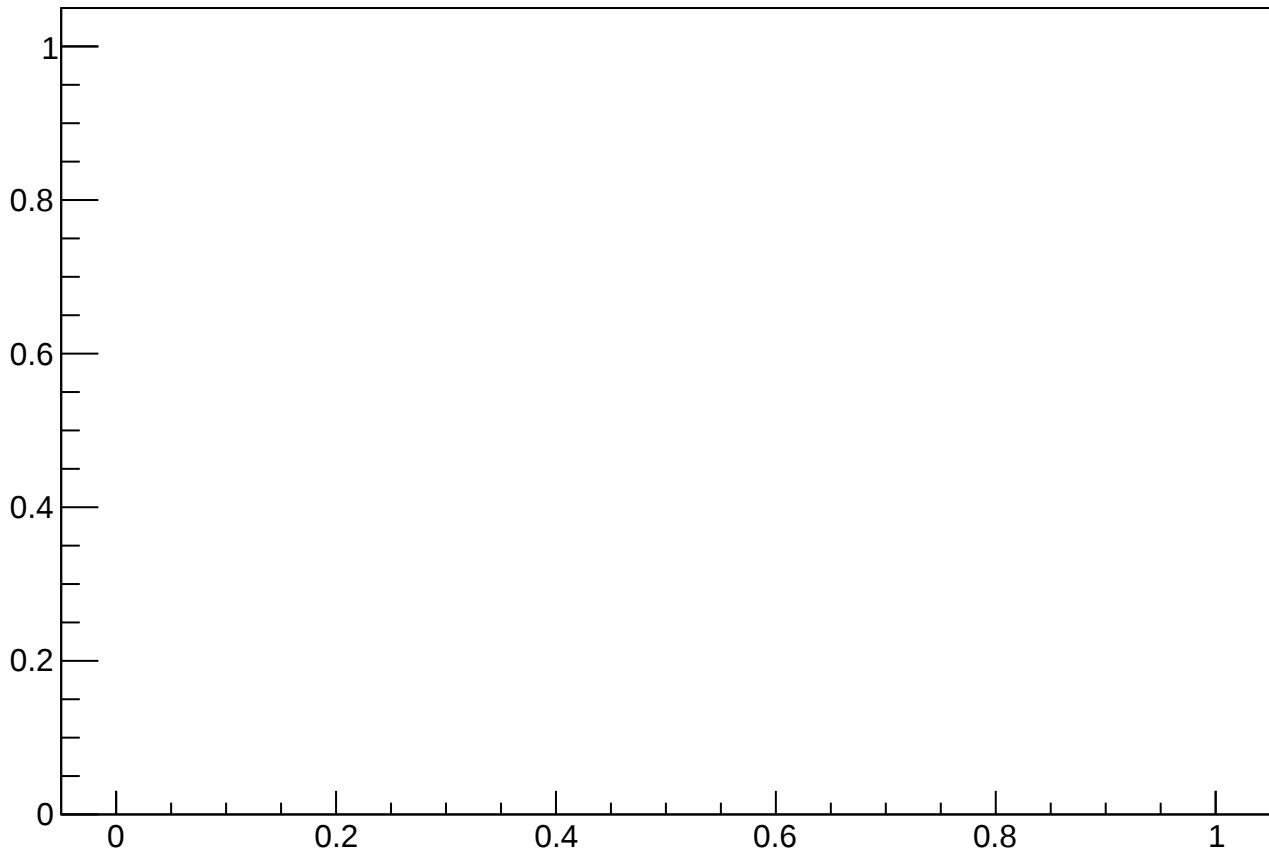
465.287 $\pm$ 0.480 χ^2 /NDF: 0.0/0

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

478.688 $\pm$ 0.473 χ^2 /NDF: 0.0/0

Left In: 478.688 $\pm$ 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

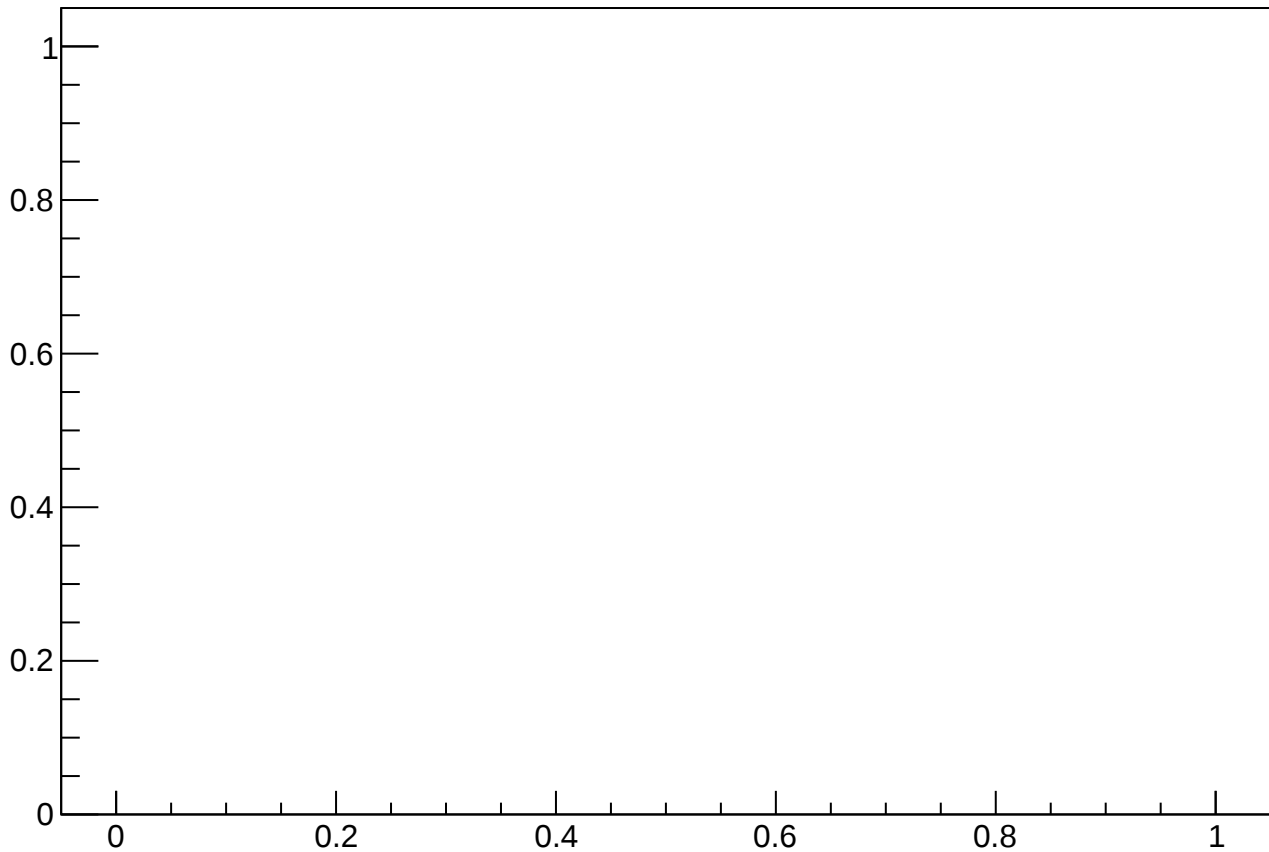
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

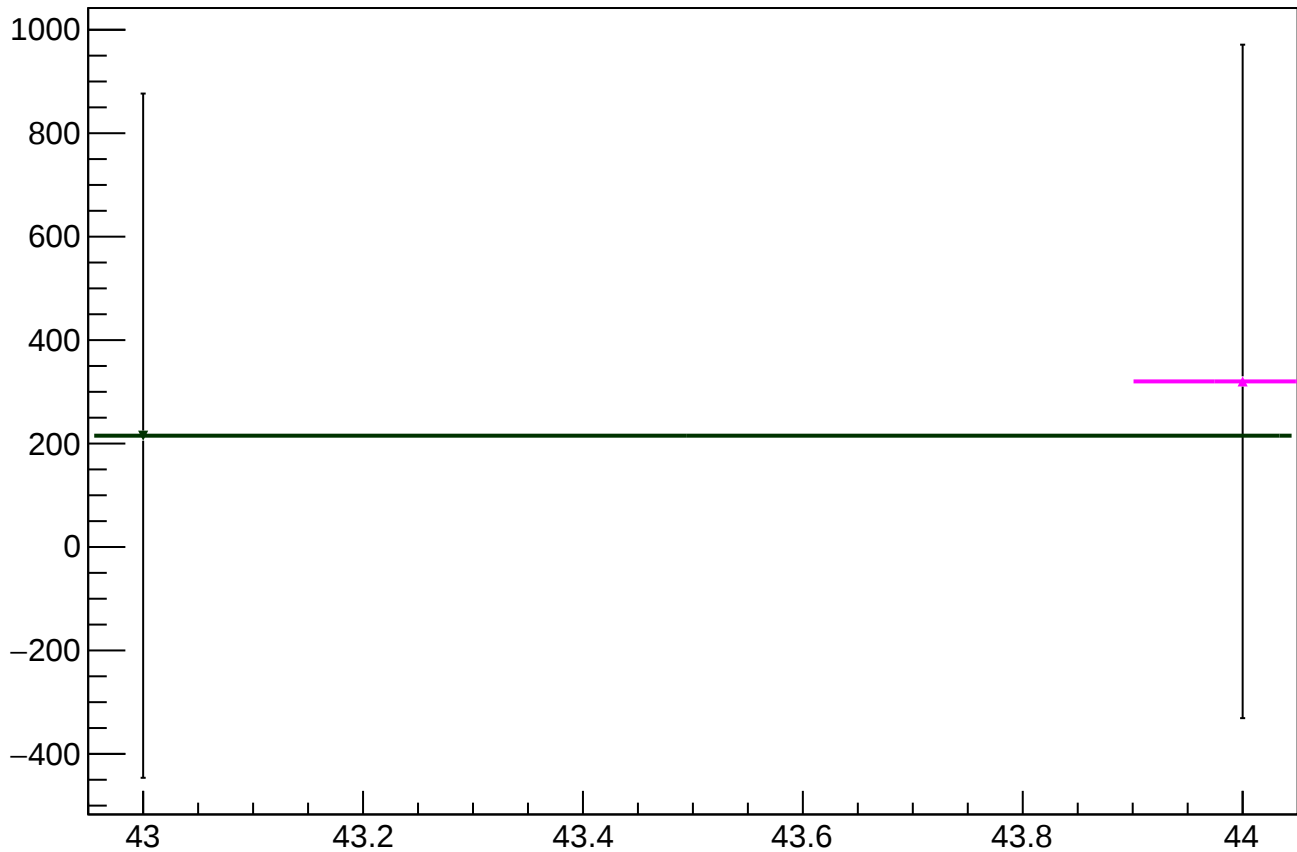
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

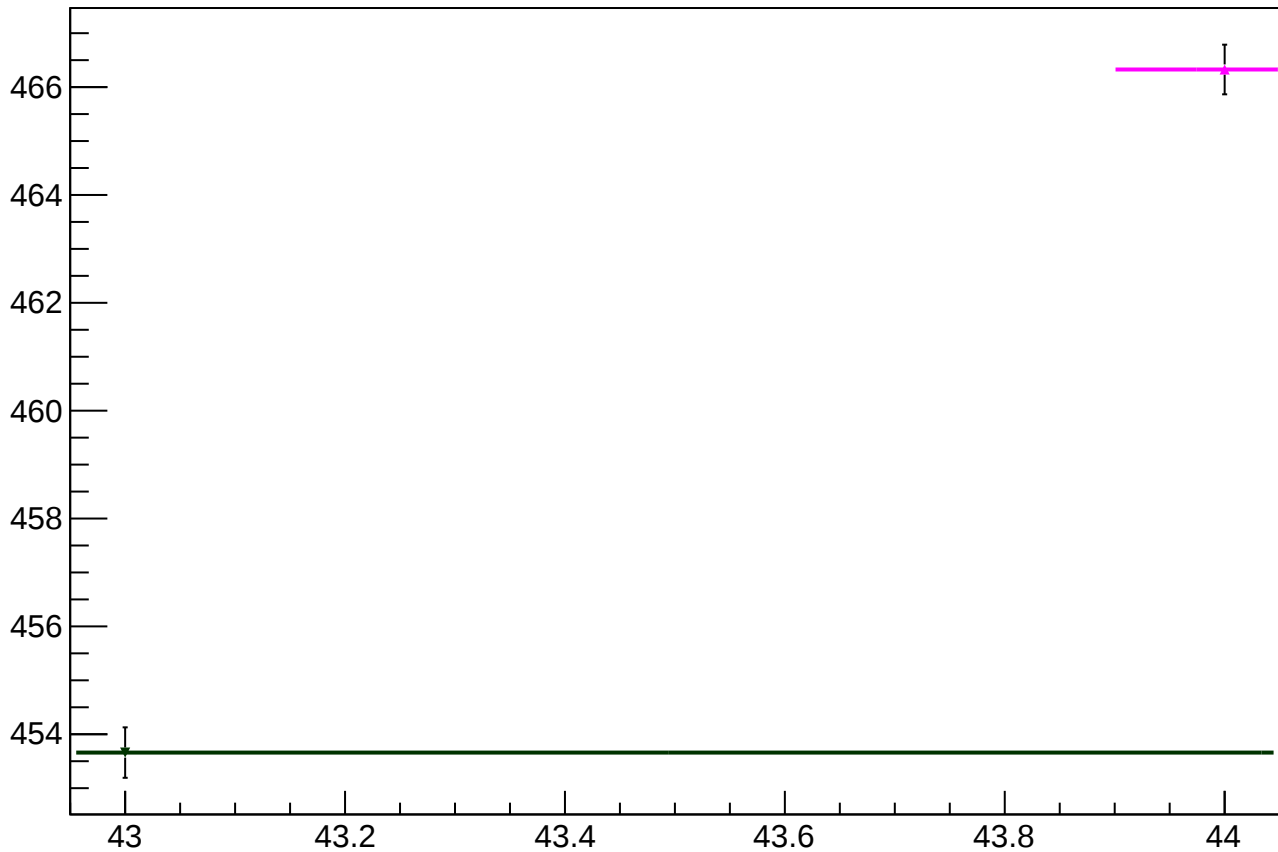
215.223+/-661.440 χ^2/NDF : 0.0/0

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

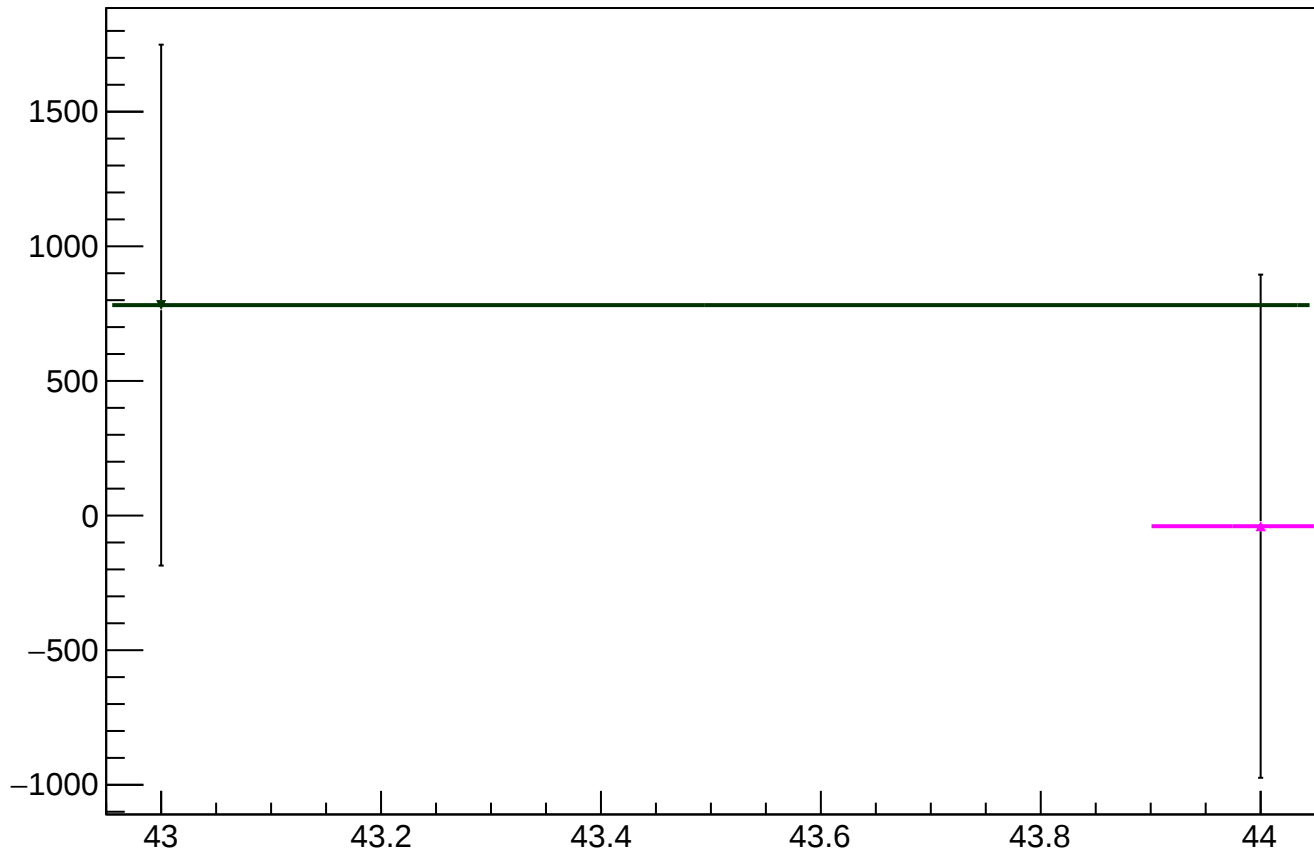
453.660+/-0.468 χ^2/NDF : 0.0/0

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

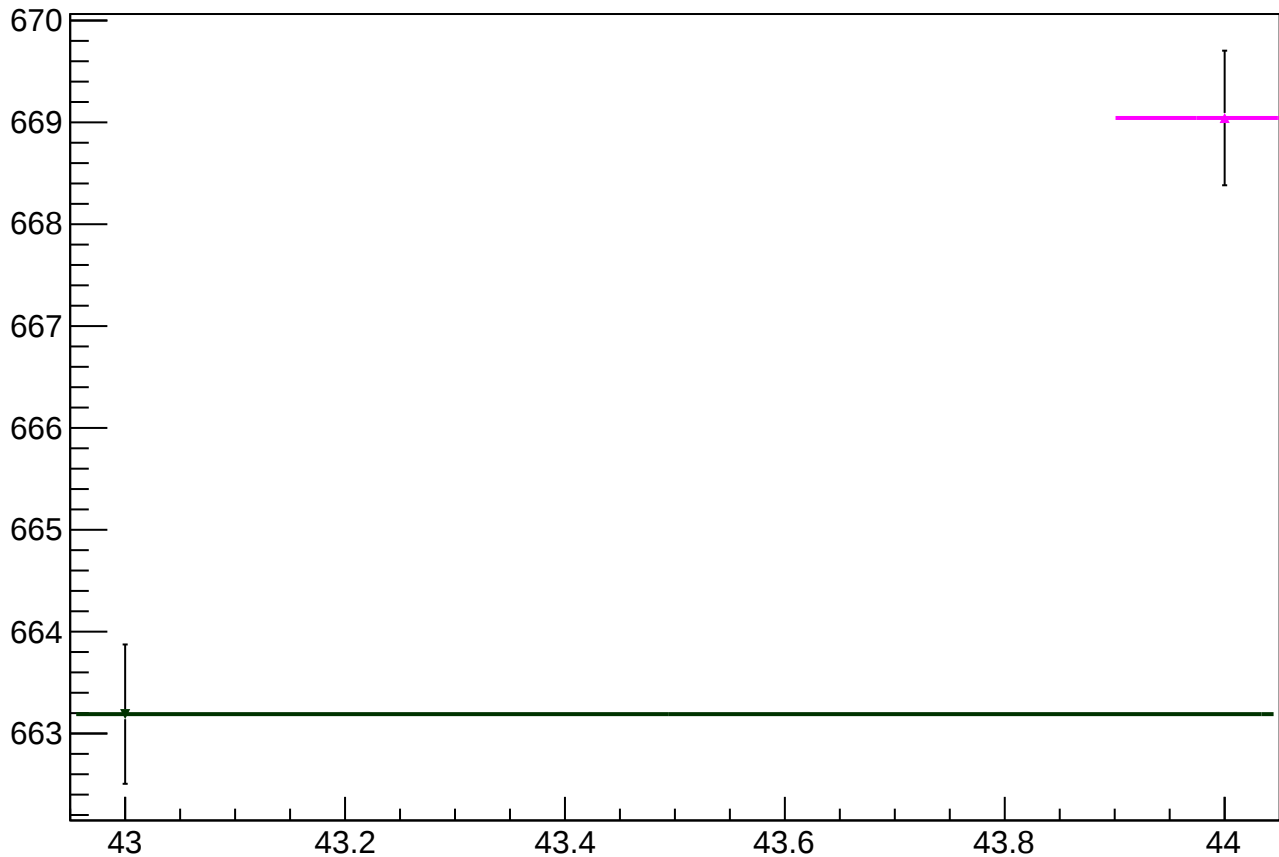
781.614+/-967.286 χ^2 /NDF: 0.0/0

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

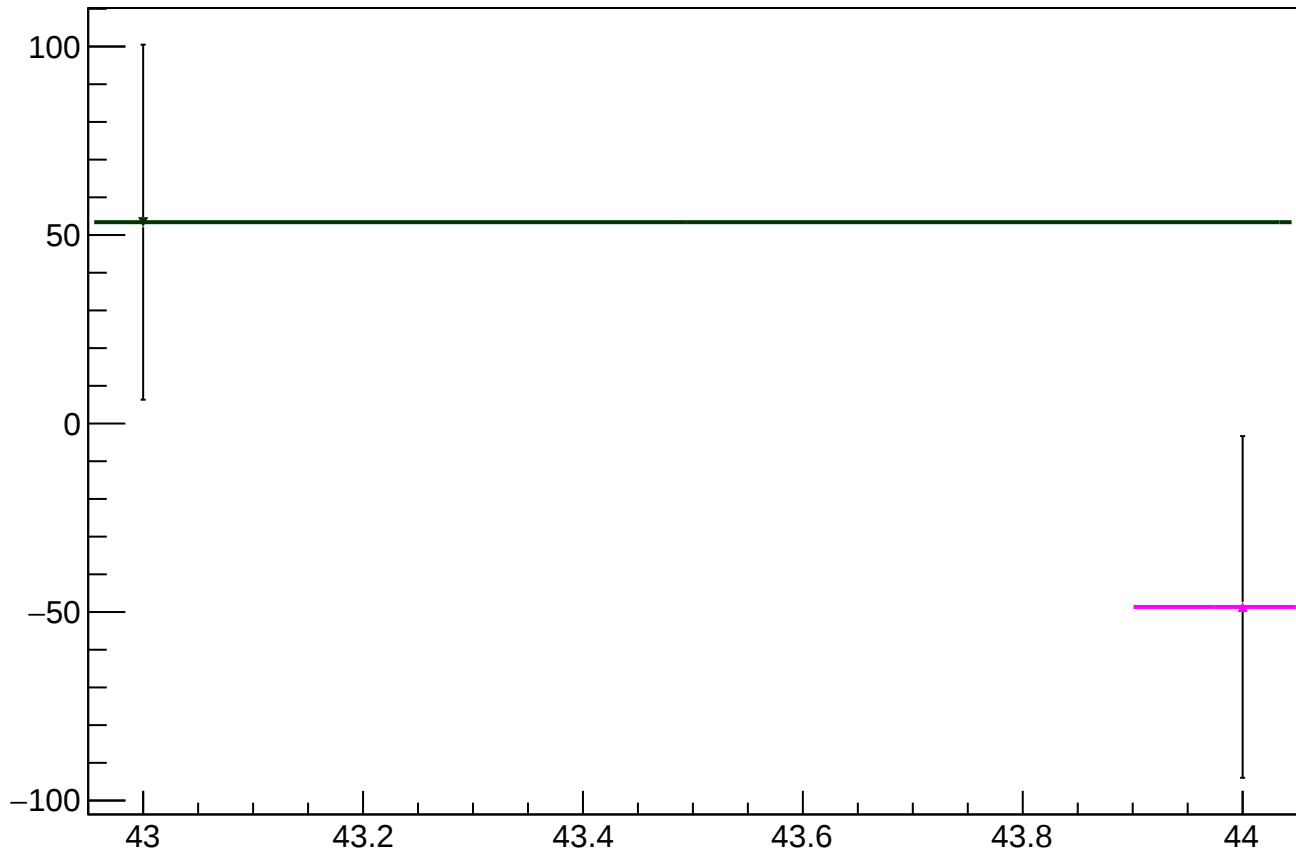
663.190 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

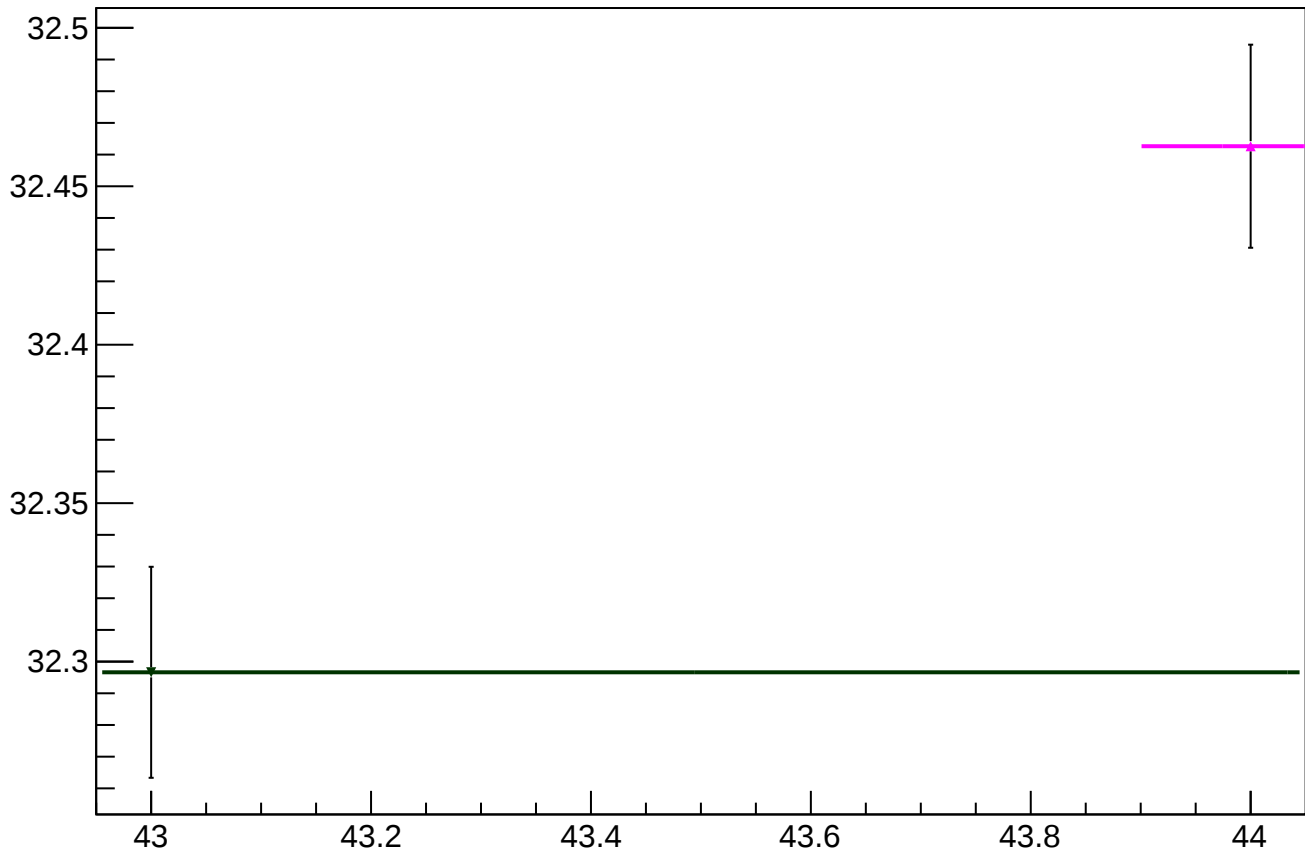
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

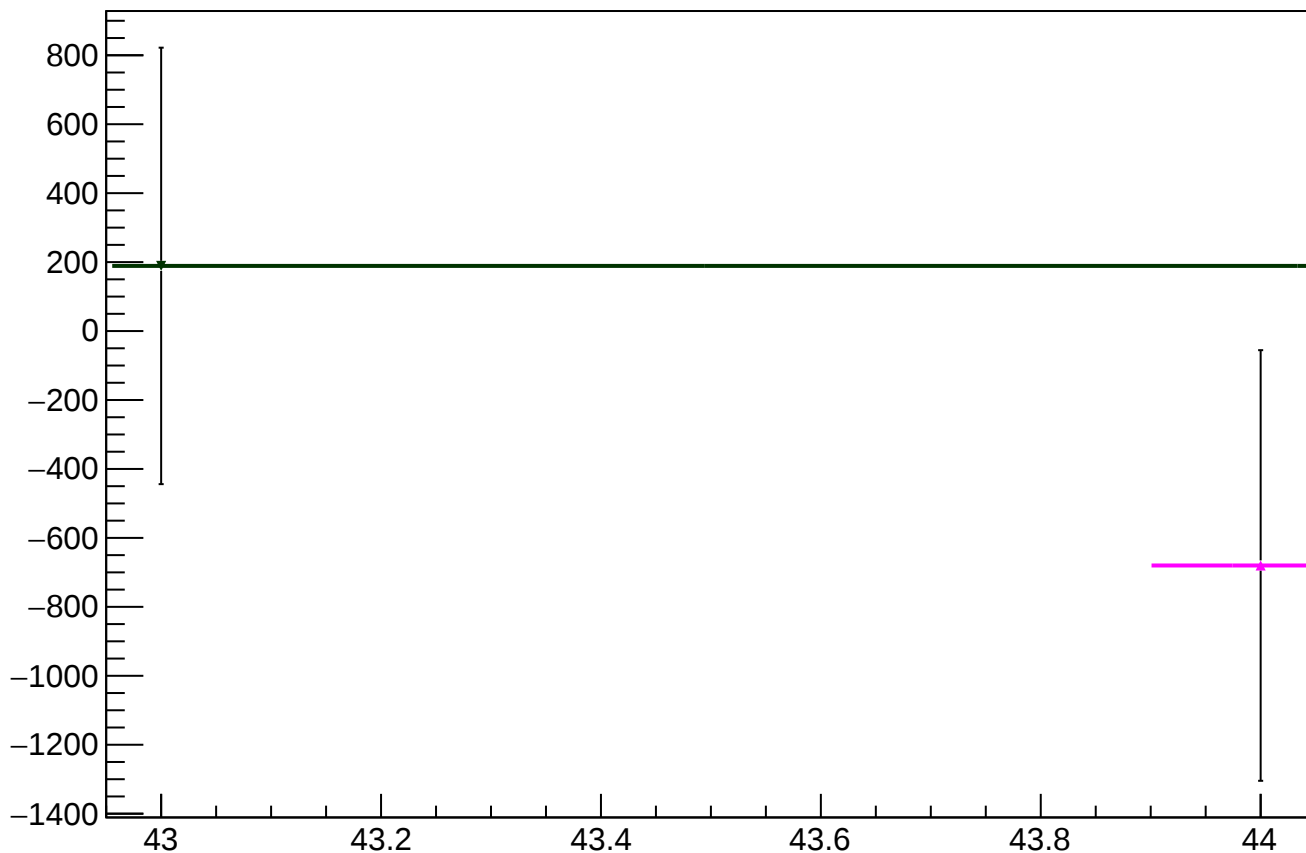
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

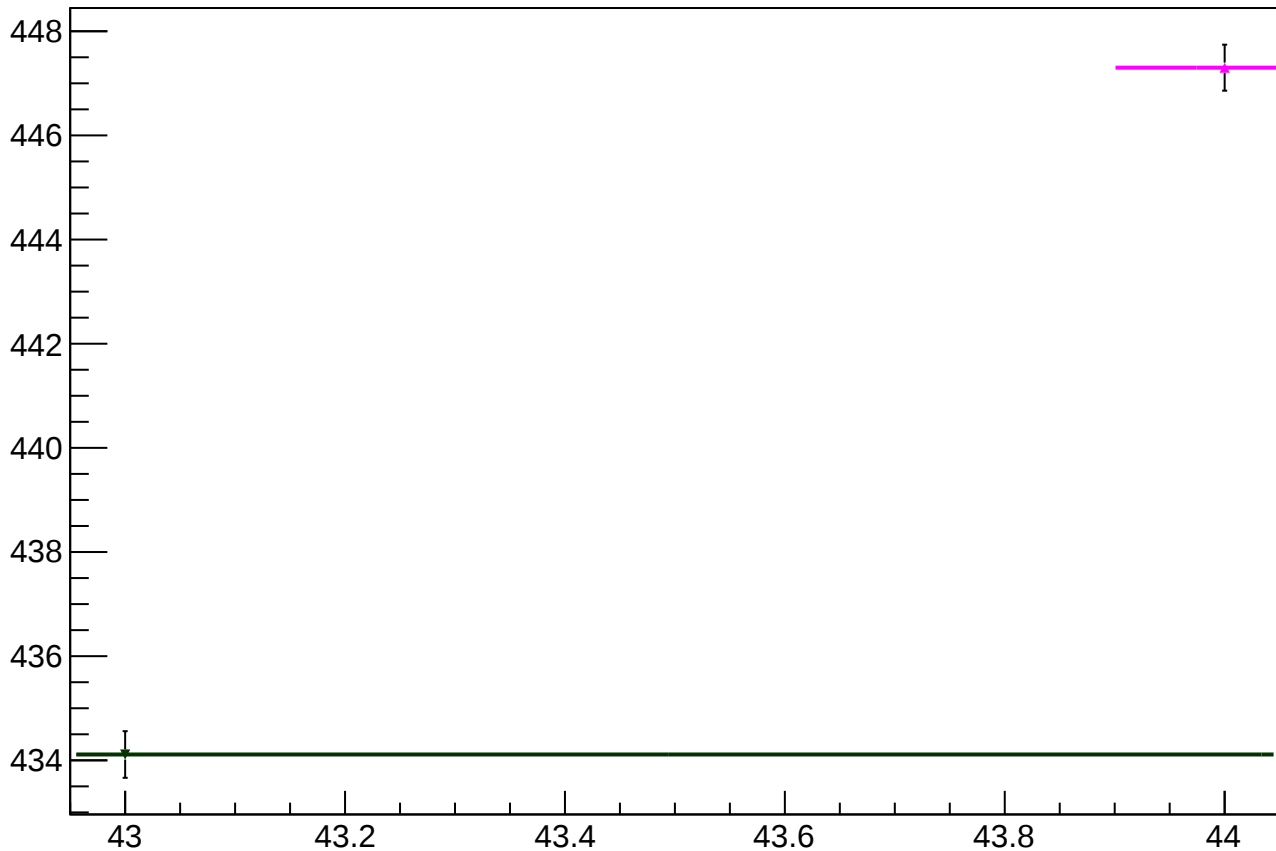
Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -680.012 +/- 624.573 χ^2/NDF : 0.0/0

188.983 +/- 633.036 χ^2/NDF : 0.0/0

-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

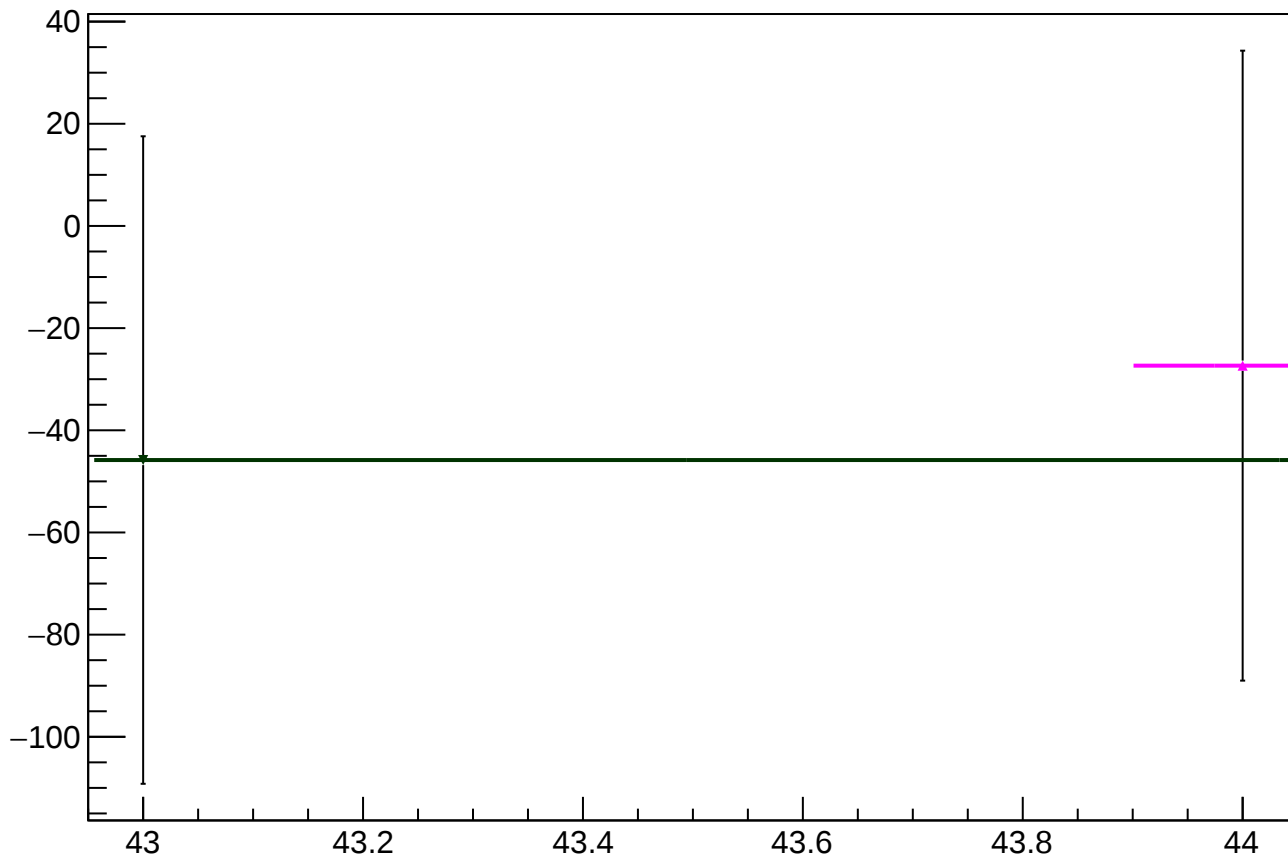
434.112 $\pm$ 0.448 χ^2/NDF : 0.0/0

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

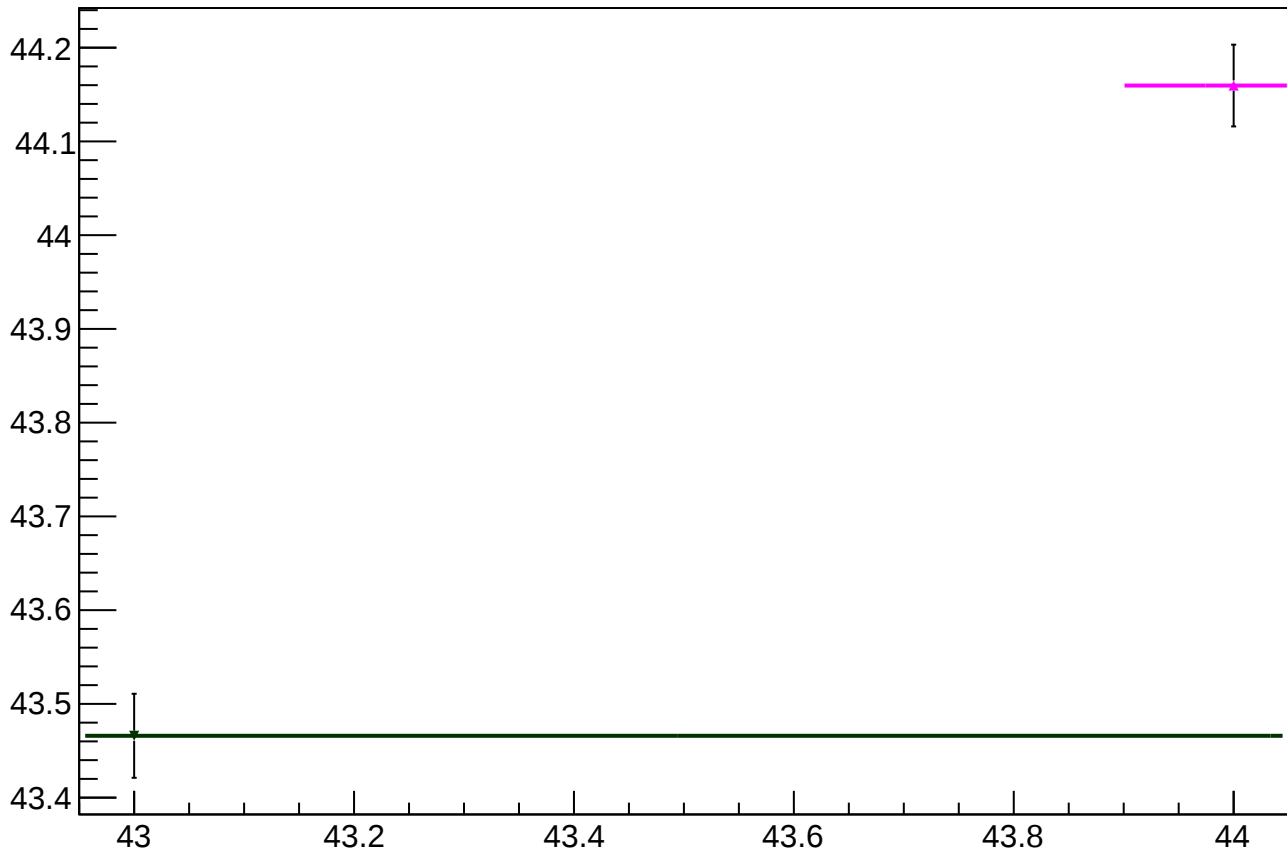
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

-45.823+/-63.374 χ^2/NDF : 0.0/0

-27.346+/-61.656 χ^2/NDF : 0.0/0

asym_right_agg_dd_rms vs slug



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

Left Out: 43.466+/-0.045 χ^2/NDF : 0.0/0

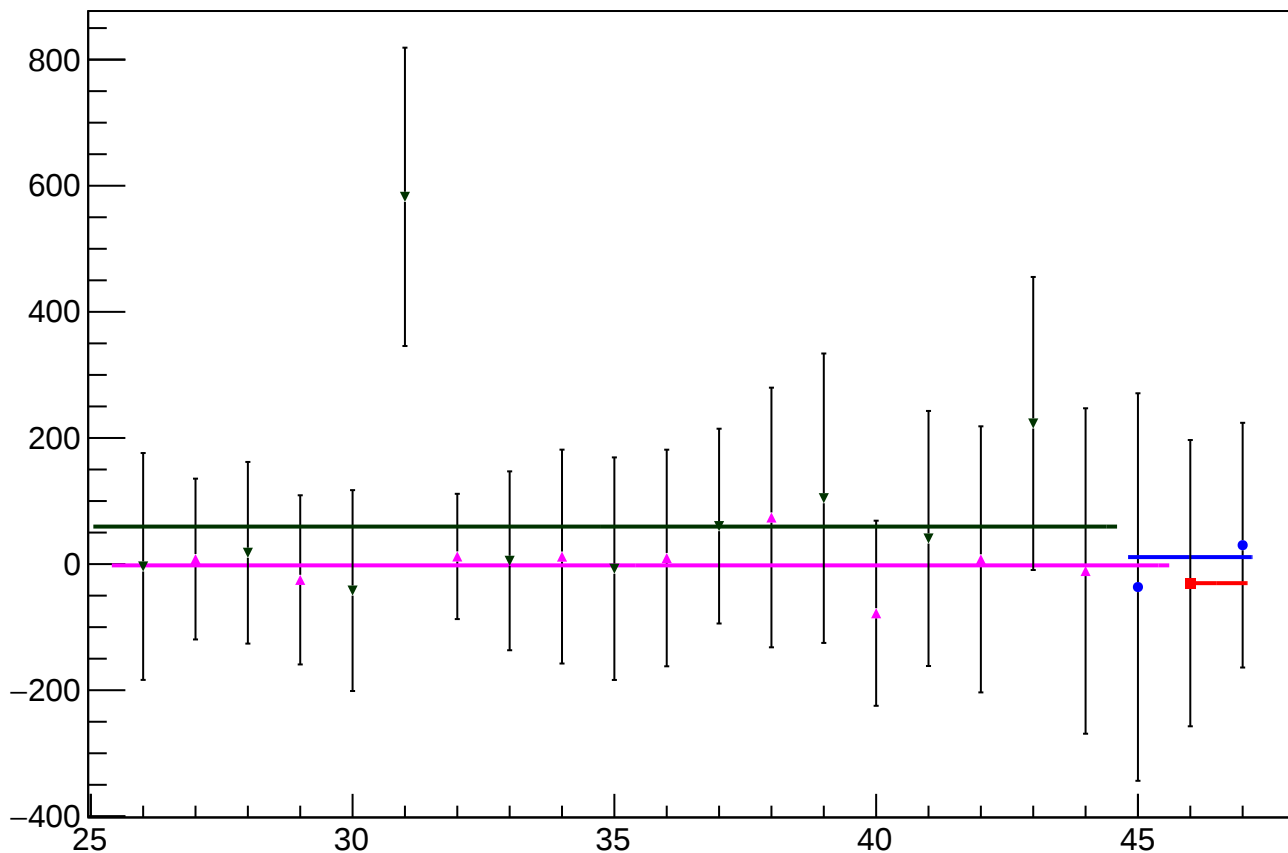
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 44.160+/-0.044 χ^2/NDF : 0.0/0

43.466+/-0.045 χ^2/NDF : 0.0/0

44.160+/-0.044 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 11.094+/-164.059 χ^2/NDF : 0.0/1

Left Out: 59.489+/-55.719 χ^2/NDF : 6.3/9

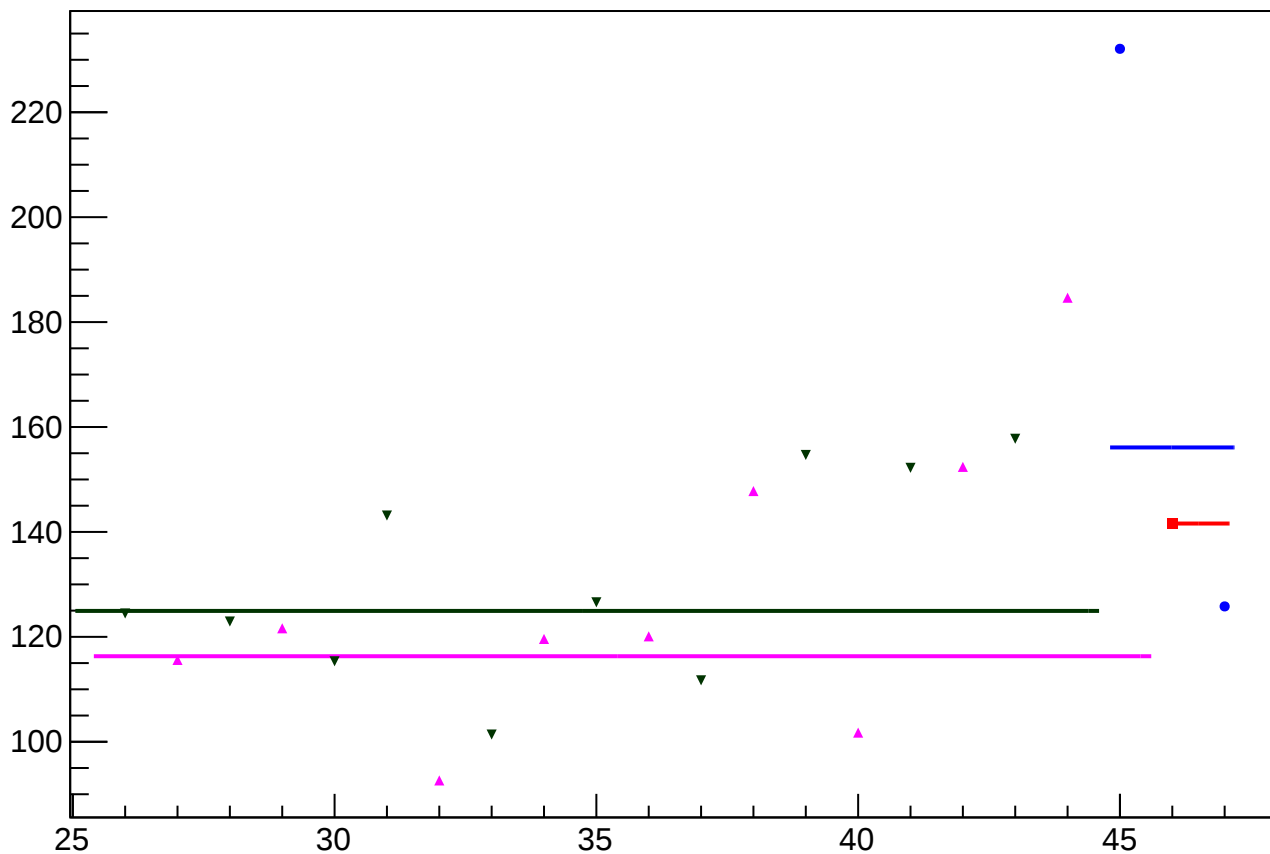
Right Out: -30.224+/-226.990 χ^2/NDF : 0.0/0

Left In: -2.017+/-50.338 χ^2/NDF : 0.5/8

54.484+/-52.759 χ^2/NDF : 6.4/11

-3.339+/-49.144 χ^2/NDF : 0.5/9

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 156.105 $\pm$ 0.116 χ^2 /NDF: 171092.9/1

Left Out: 124.943 $\pm$ 0.039 χ^2 /NDF:199383.4/9

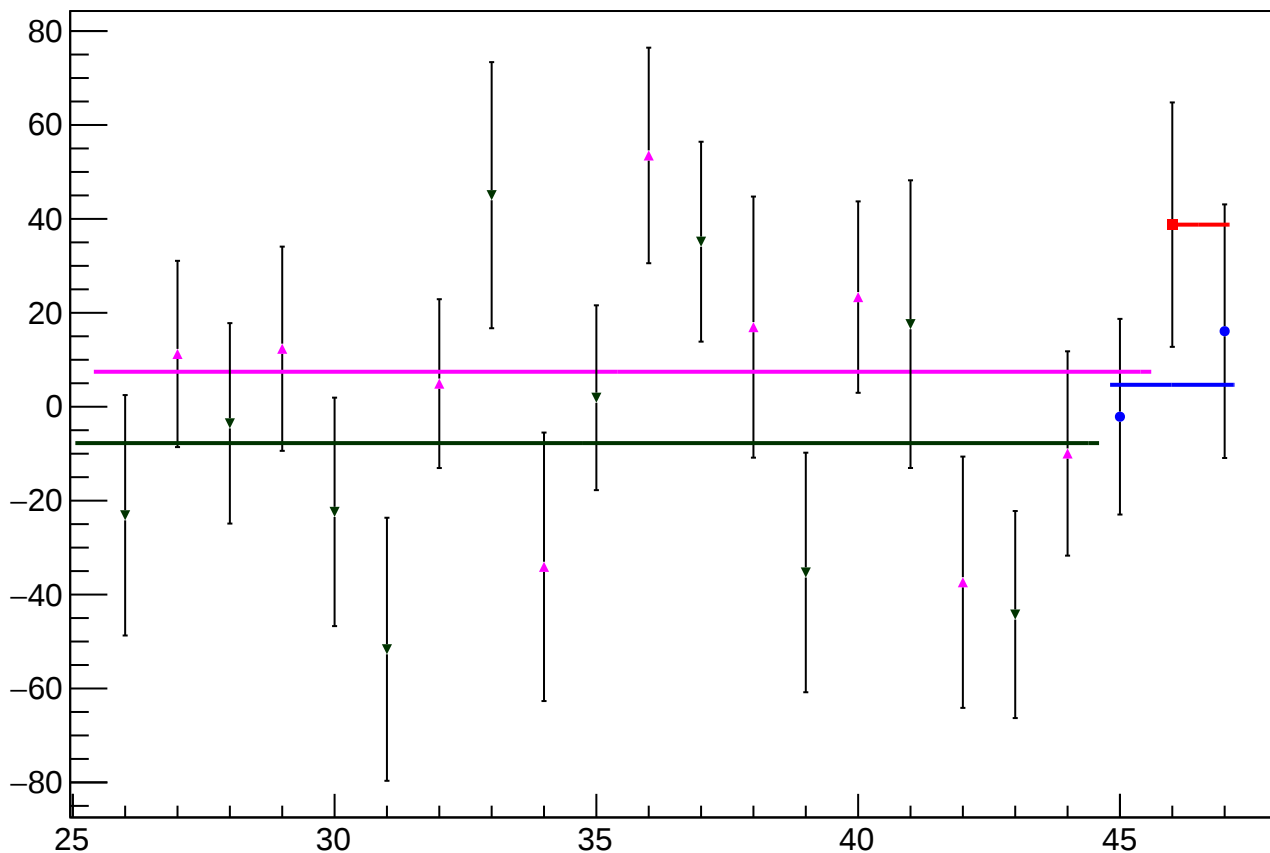
Right Out: 141.602 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left In: 116.307 $\pm$ 0.036 χ^2 /NDF:383885.3/8

128.166 $\pm$ 0.037 χ^2 /NDF: 435169.7/11

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: 4.671 $\pm$ 16.494 χ^2 /NDF: 0.3/1

Left Out: -7.744 $\pm$ 7.585 χ^2 /NDF:15.6/9

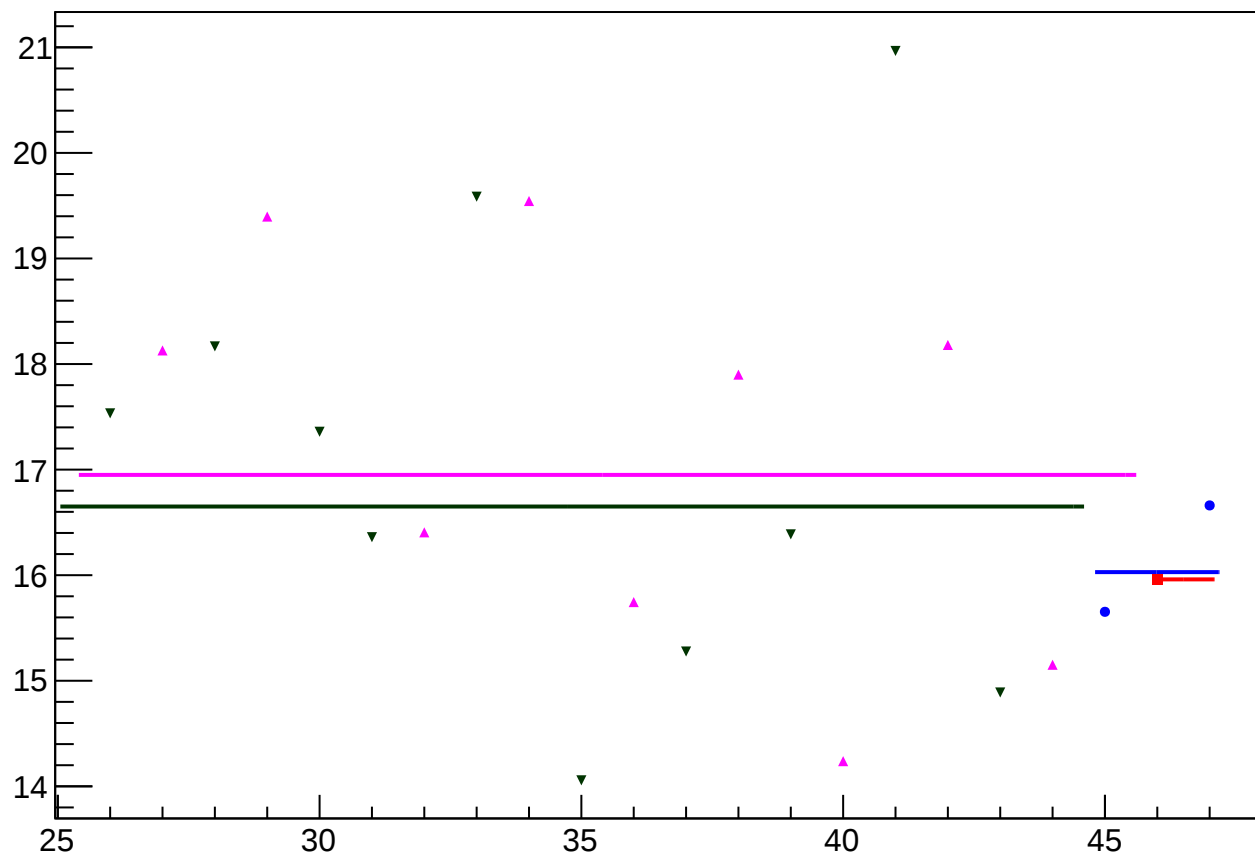
Right Out: 38.777 $\pm$ 26.025 χ^2 /NDF: 0.0/0

Left In: 7.449 $\pm$ 7.436 χ^2 /NDF:10.4/8

-5.577 $\pm$ 6.891 χ^2 /NDF: 16.3/11

9.814 $\pm$ 7.150 χ^2 /NDF: 11.8/9

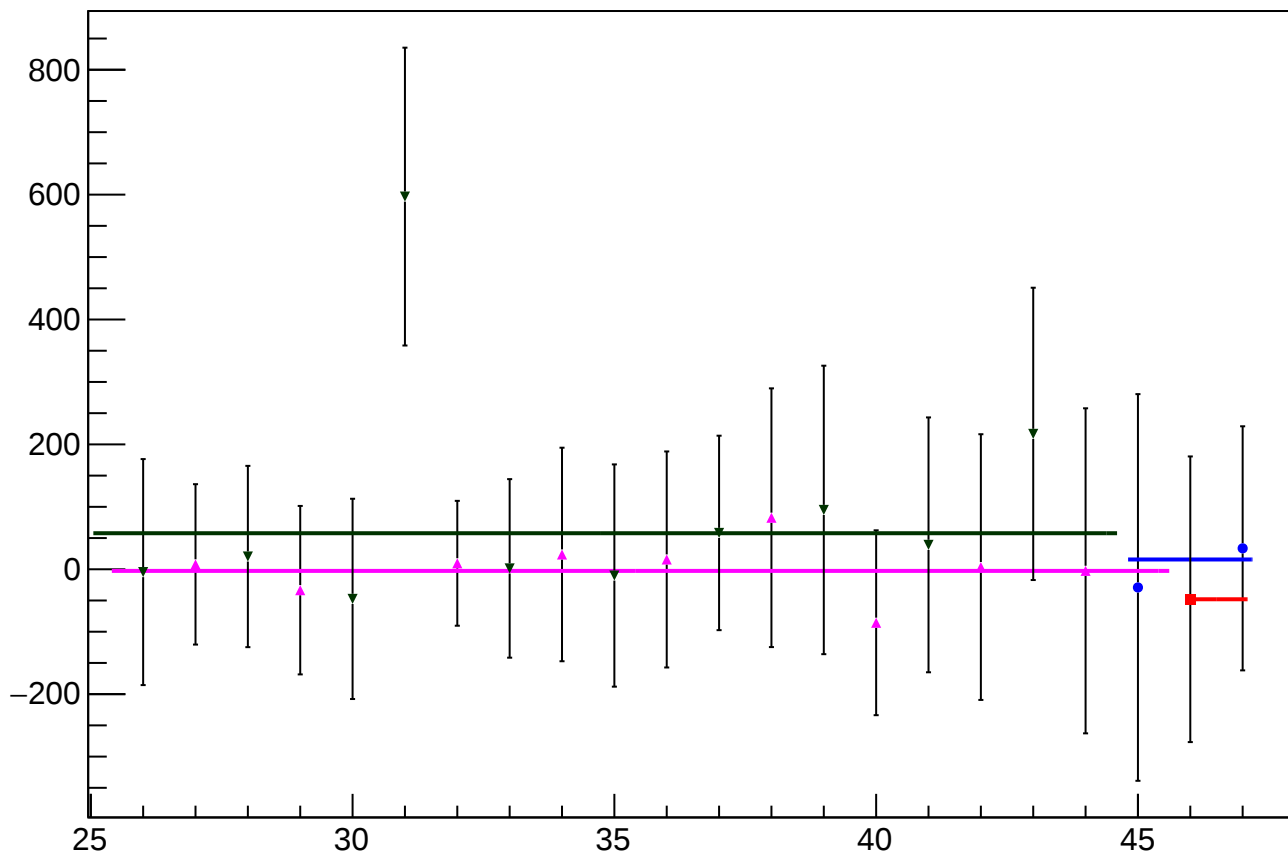
asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.029 ± 0.012 $\chi^2/\text{NDF}: 1746.2/1$
 Left Out: 16.650 ± 0.005 $\chi^2/\text{NDF}: 131585.8/9$
 Right Out: 15.960 ± 0.018 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 16.950 ± 0.005 $\chi^2/\text{NDF}: 111842.2/8$

16.542 ± 0.005 $\chi^2/\text{NDF}: 135674.4/11$
 16.875 ± 0.005 $\chi^2/\text{NDF}: 114516.3/9$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 15.682+/-165.282 χ^2/NDF : 0.0/1

Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

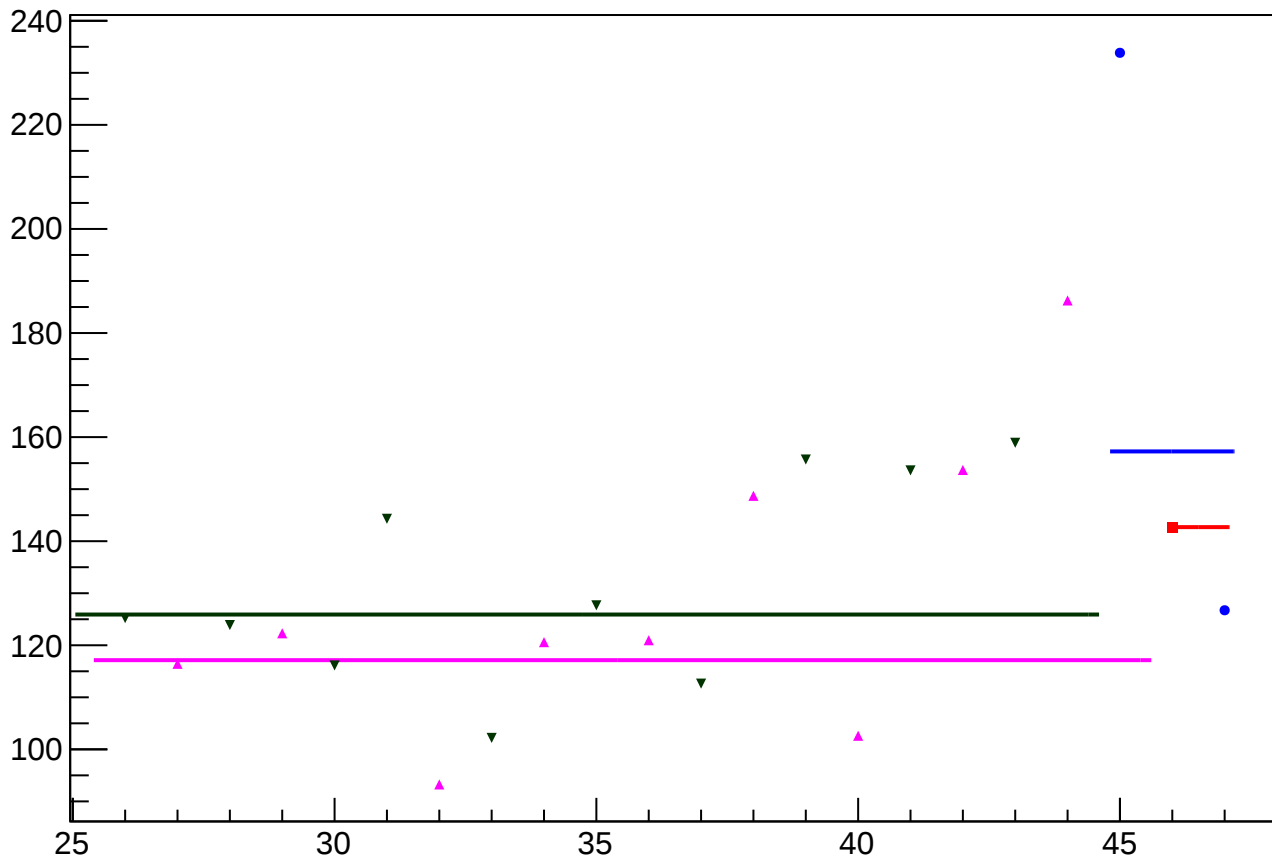
Right Out: -48.033+/-228.738 χ^2/NDF : 0.0/0

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

53.384+/-53.165 χ^2/NDF : 6.6/11

-4.732+/-49.501 χ^2/NDF : 0.6/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 157.250+/-0.117 χ^2/NDF : 171168.5/1

Left Out: 125.907+/-0.040 χ^2/NDF :199353.5/9

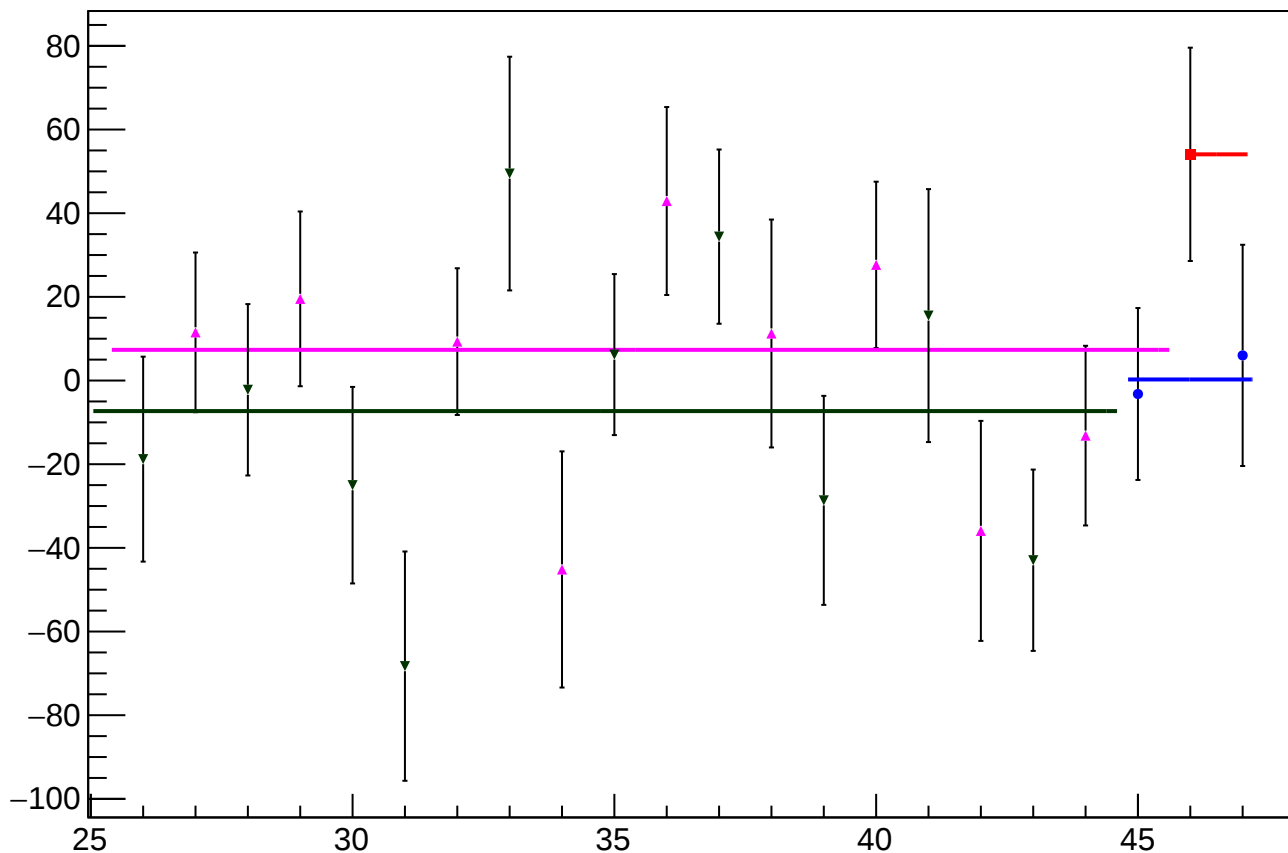
Right Out: 142.703+/-0.162 χ^2/NDF : 0.0/0

Left In: 117.138+/-0.036 χ^2/NDF :384637.6/8

129.150+/-0.038 χ^2/NDF : 435002.9/11

118.335+/-0.035 χ^2/NDF : 408449.9/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.256 $\pm$ 16.226 χ^2 /NDF: 0.1/1

Left Out: -7.303 $\pm$ 7.391 χ^2 /NDF:18.4/9

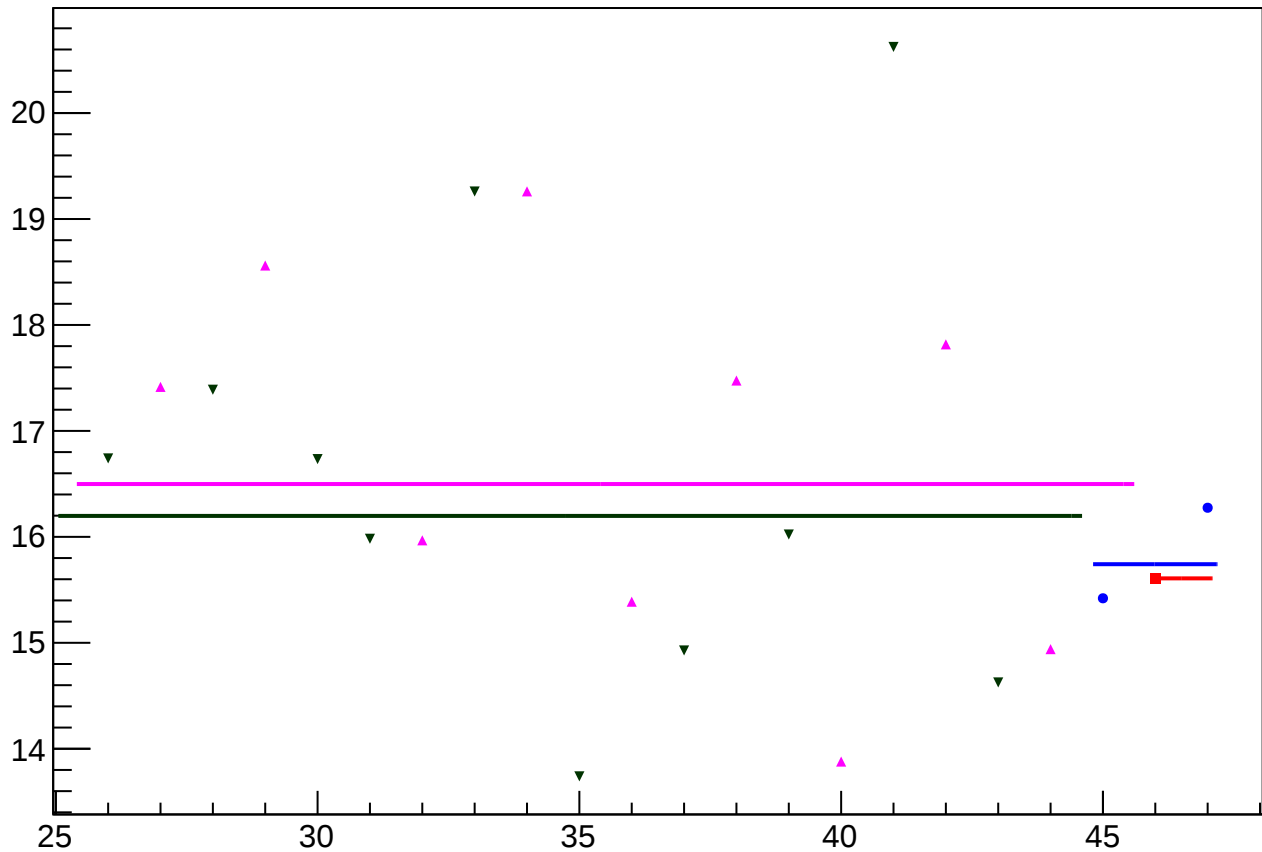
Right Out: 54.072 $\pm$ 25.498 χ^2 /NDF: 0.0/0

Left In: 7.338 $\pm$ 7.251 χ^2 /NDF:11.1/8

-6.004 $\pm$ 6.726 χ^2 /NDF: 18.7/11

10.835 $\pm$ 6.975 χ^2 /NDF: 14.2/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.742 $\pm$ 0.011 χ^2/NDF : 1302.1/1

Left Out: 16.198 $\pm$ 0.005 χ^2/NDF : 126492.9/9

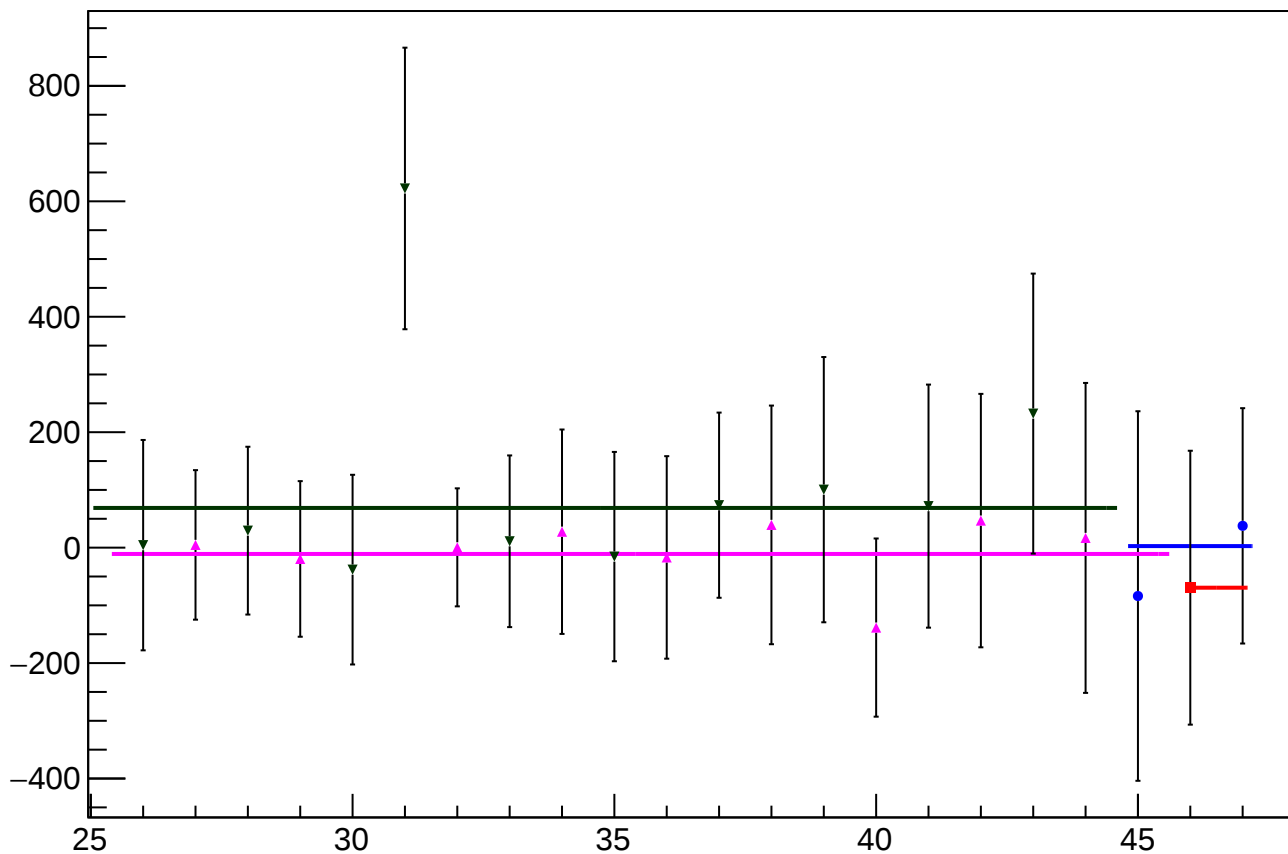
Right Out: 15.608 $\pm$ 0.018 χ^2/NDF : 0.0/0

Left In: 16.499 $\pm$ 0.005 χ^2/NDF : 102858.3/8

16.119 $\pm$ 0.005 χ^2/NDF : 129101.7/11

16.432 $\pm$ 0.005 χ^2/NDF : 105114.6/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 2.687+/-171.953 χ^2/NDF : 0.1/1

Left Out: 68.786+/-57.328 χ^2/NDF : 6.6/9

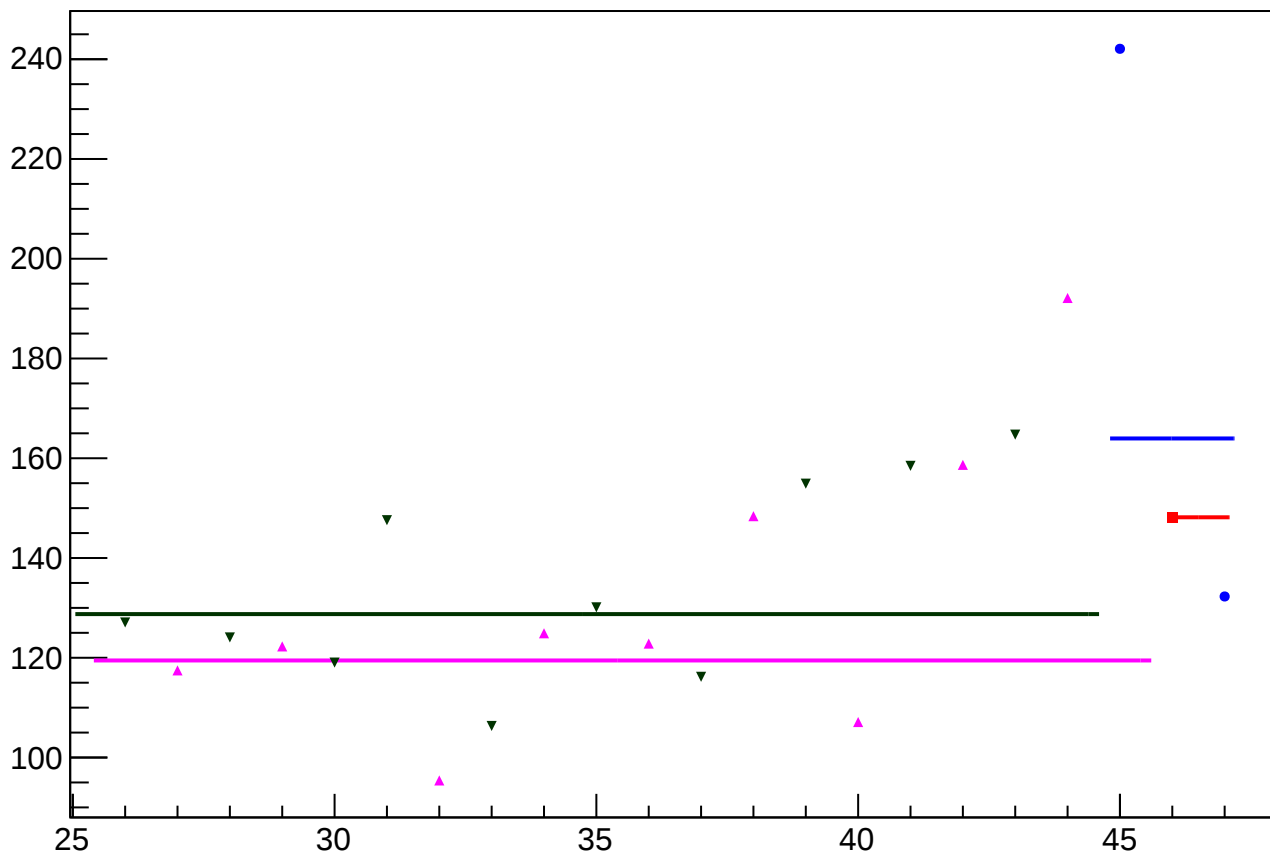
Right Out: -69.396+/-237.261 χ^2/NDF : 0.0/0

Left In: -10.941+/-51.660 χ^2/NDF : 0.9/8

62.174+/-54.385 χ^2/NDF : 6.8/11

-13.587+/-50.478 χ^2/NDF : 1.0/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.968+/-0.122 χ^2/NDF : 167406.2/1

Left Out: 128.755+/-0.041 χ^2/NDF : 188808.0/9

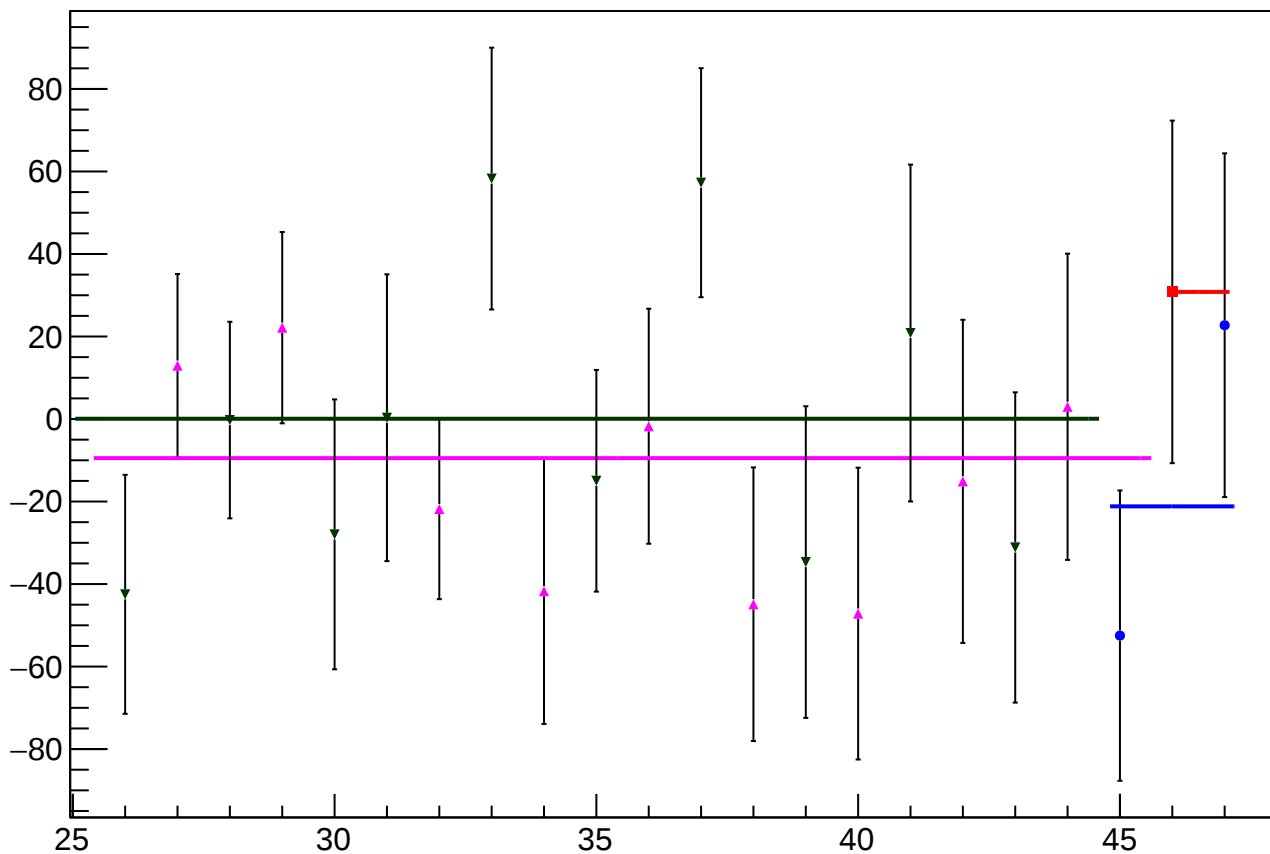
Right Out: 148.163+/-0.168 χ^2/NDF : 0.0/0

Left In: 119.459+/-0.037 χ^2/NDF : 377012.5/8

132.278+/-0.038 χ^2/NDF : 431695.2/11

120.758+/-0.036 χ^2/NDF : 404959.0/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -21.168 $\pm$ 26.883 χ^2 /NDF: 1.9/1

Left Out: 0.067 $\pm$ 9.805 χ^2 /NDF:12.6/9

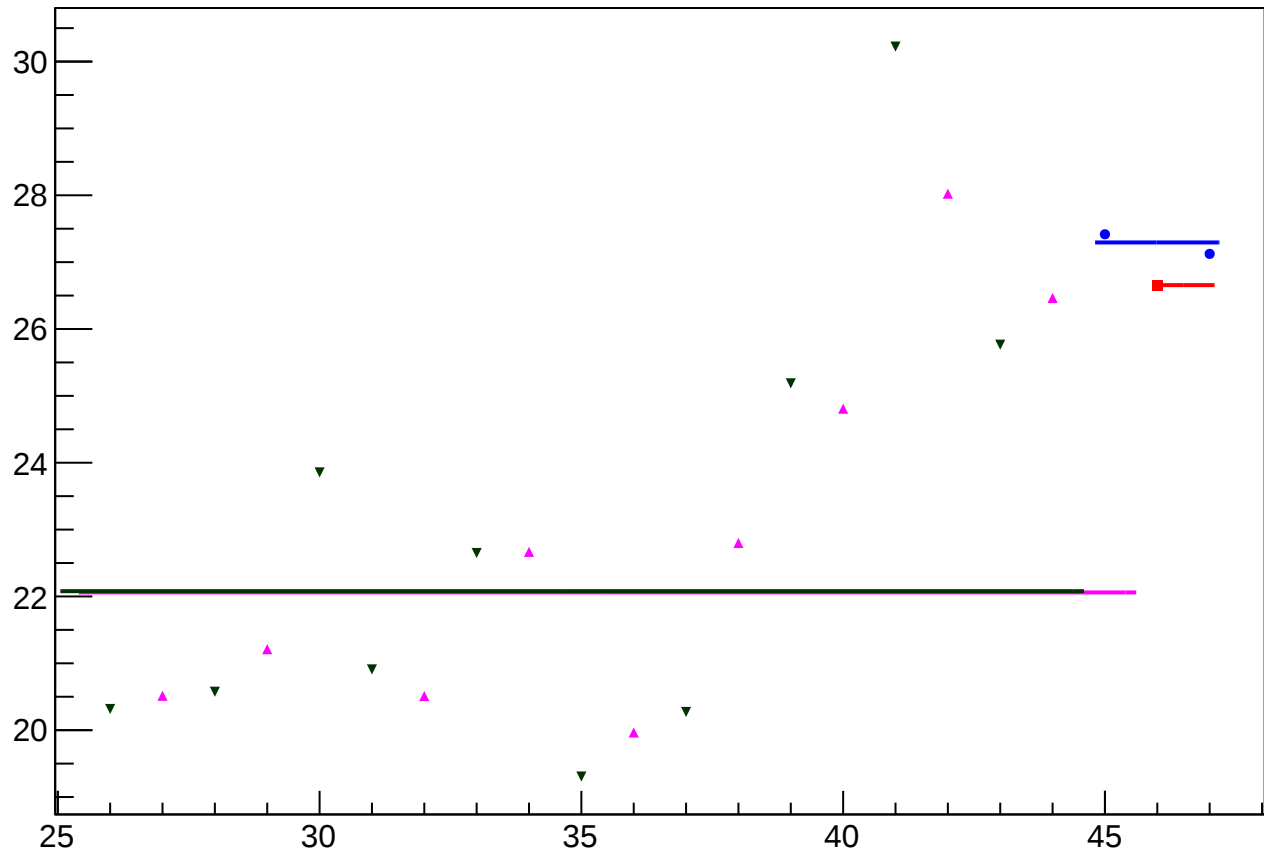
Right Out: 30.812 $\pm$ 41.513 χ^2 /NDF: 0.0/0

Left In: -9.482 $\pm$ 9.418 χ^2 /NDF:6.7/8

-2.427 $\pm$ 9.212 χ^2 /NDF: 15.1/11

-7.509 $\pm$ 9.185 χ^2 /NDF: 7.6/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.295+/-0.019 χ^2/NDF : 57.7/1

Left Out: 22.079+/-0.007 χ^2/NDF : 166332.3/9

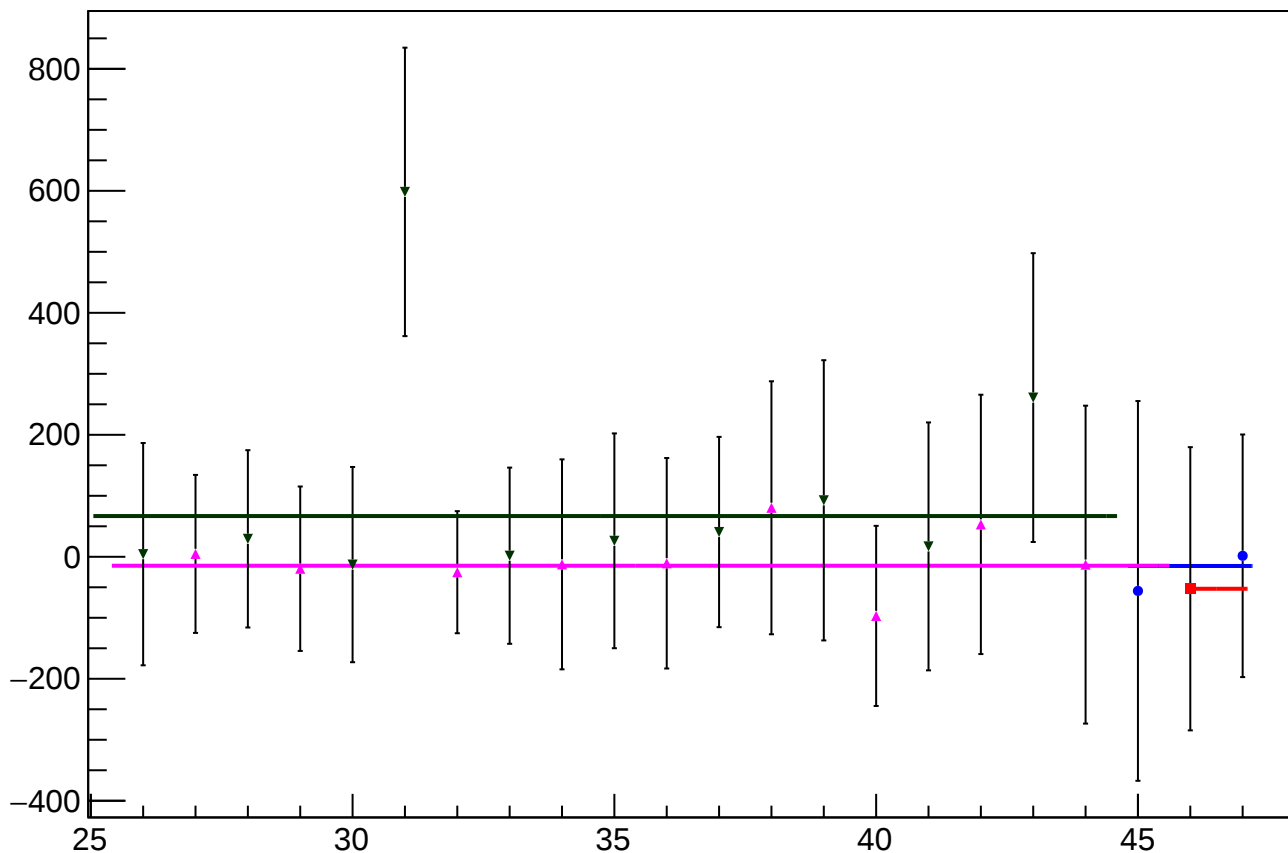
Right Out: 26.656+/-0.029 χ^2/NDF : 0.0/0

Left In: 22.060+/-0.007 χ^2/NDF : 121609.5/8

22.691+/-0.007 χ^2/NDF : 232840.4/11

22.285+/-0.006 χ^2/NDF : 144927.9/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: -15.065+/-167.599 χ^2/NDF : 0.0/1

Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

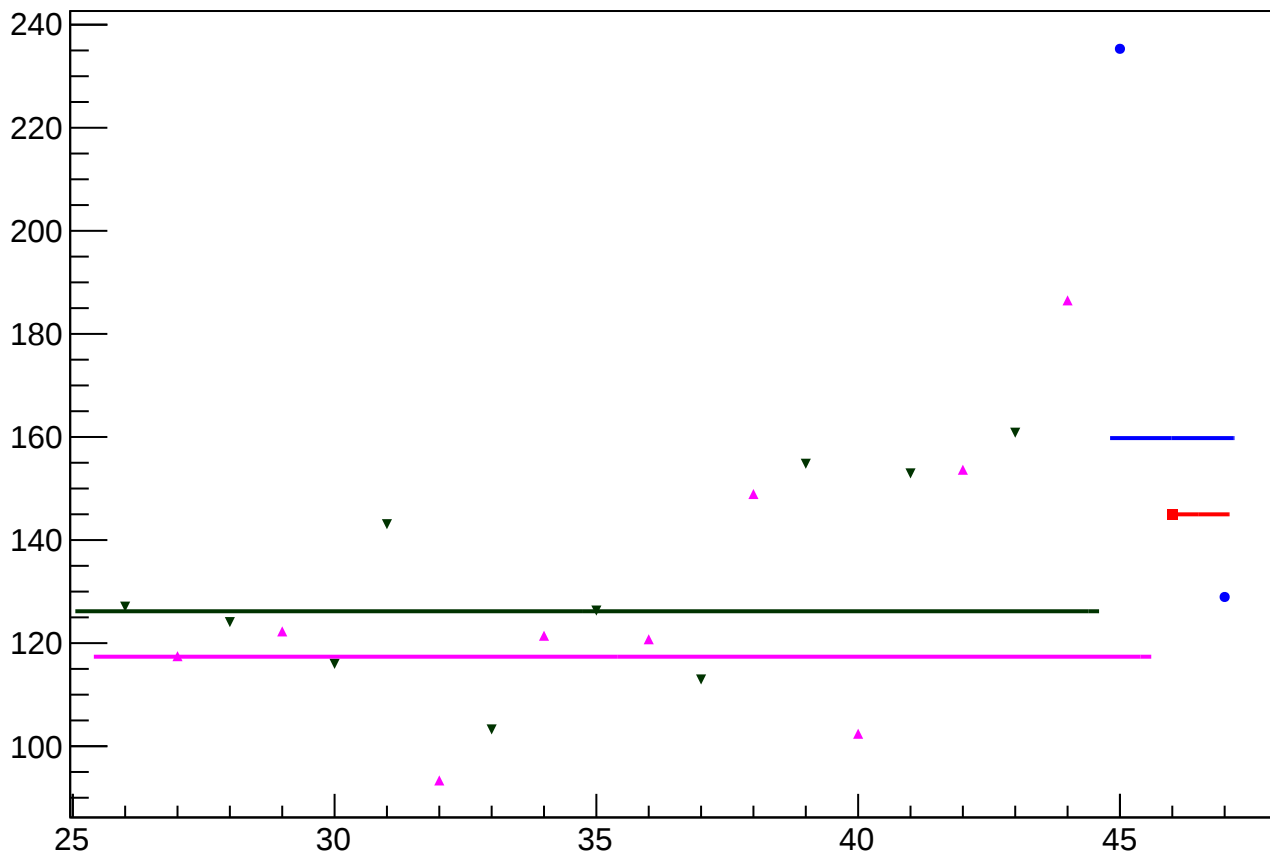
Right Out: -52.428+/-232.171 χ^2/NDF : 0.0/0

Left In: -14.653+/-50.783 χ^2/NDF : 0.7/8

58.514+/-53.283 χ^2/NDF : 6.8/11

-16.378+/-49.610 χ^2/NDF : 0.7/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 159.784+/-0.119 χ^2/NDF : 165797.1/1

Left Out: 126.184+/-0.040 χ^2/NDF : 192128.0/9

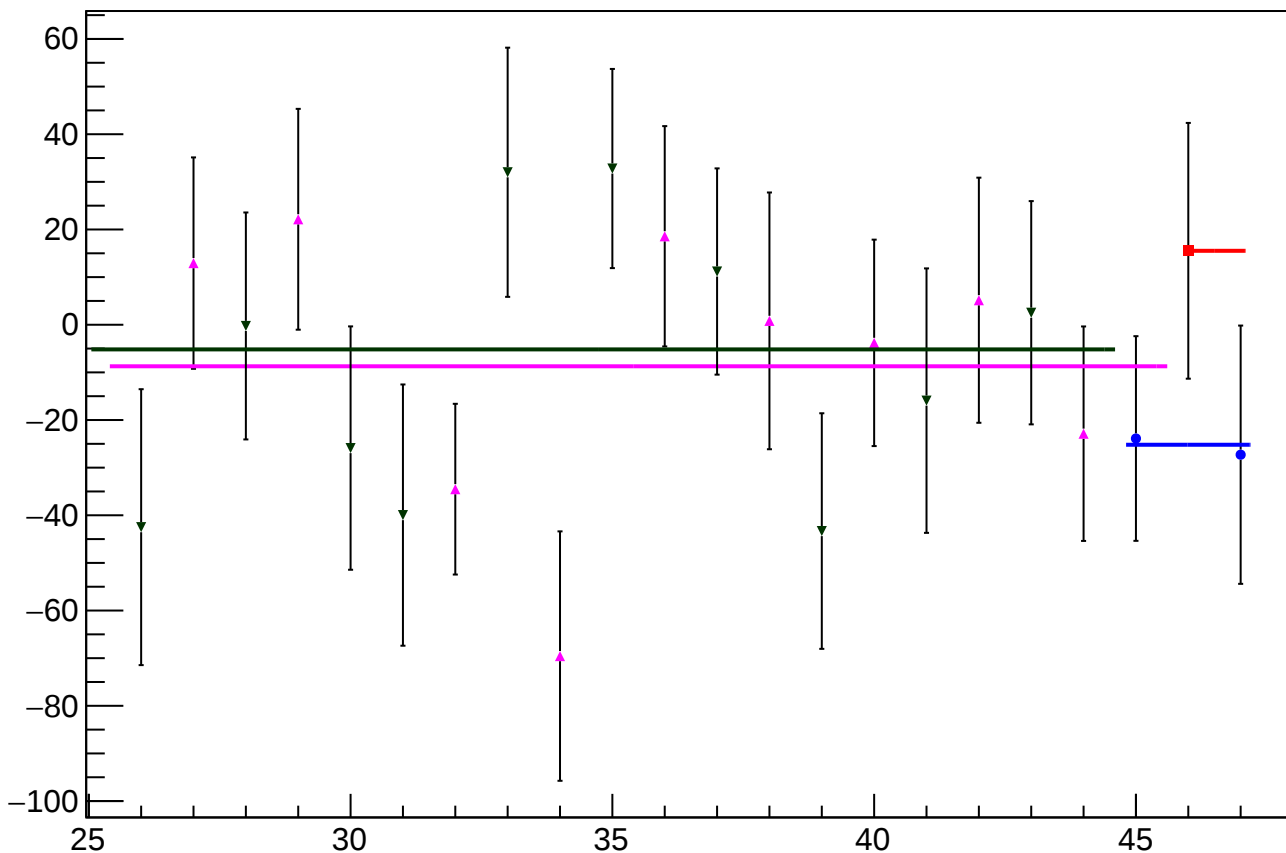
Right Out: 144.990+/-0.164 χ^2/NDF : 0.0/0

Left In: 117.367+/-0.036 χ^2/NDF : 385462.1/8

129.580+/-0.038 χ^2/NDF : 430186.3/11

118.628+/-0.035 χ^2/NDF : 412480.9/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -25.194 $\pm$ 16.838 χ^2 /NDF: 0.0/1

Left Out: -5.176 $\pm$ 7.796 χ^2 /NDF:12.5/9

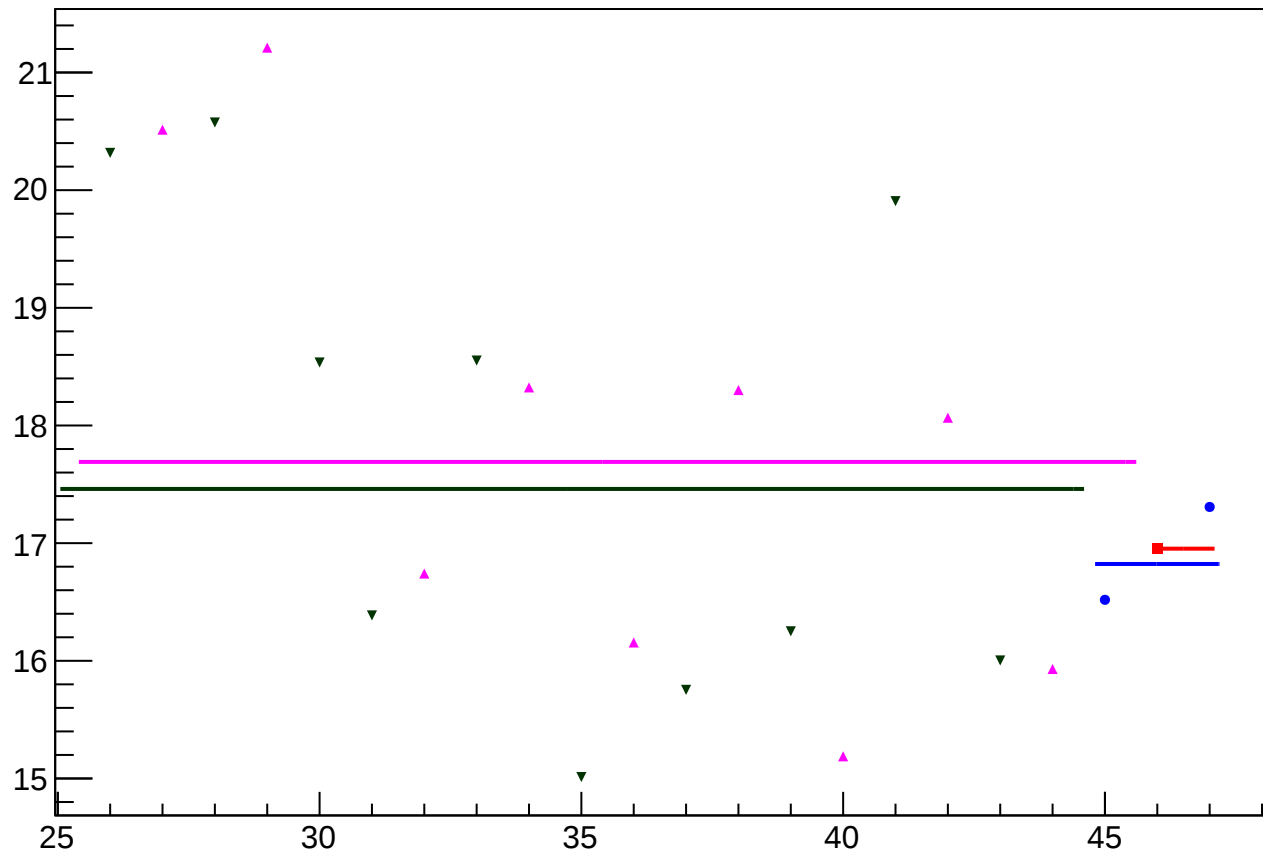
Right Out: 15.524 $\pm$ 26.850 χ^2 /NDF: 0.0/0

Left In: -8.720 $\pm$ 7.598 χ^2 /NDF:12.5/8

-8.710 $\pm$ 7.075 χ^2 /NDF: 13.7/11

-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: 16.823+/-0.012 χ^2/NDF : 1041.1/1

Left Out: 17.461+/-0.006 χ^2/NDF :131638.1/9

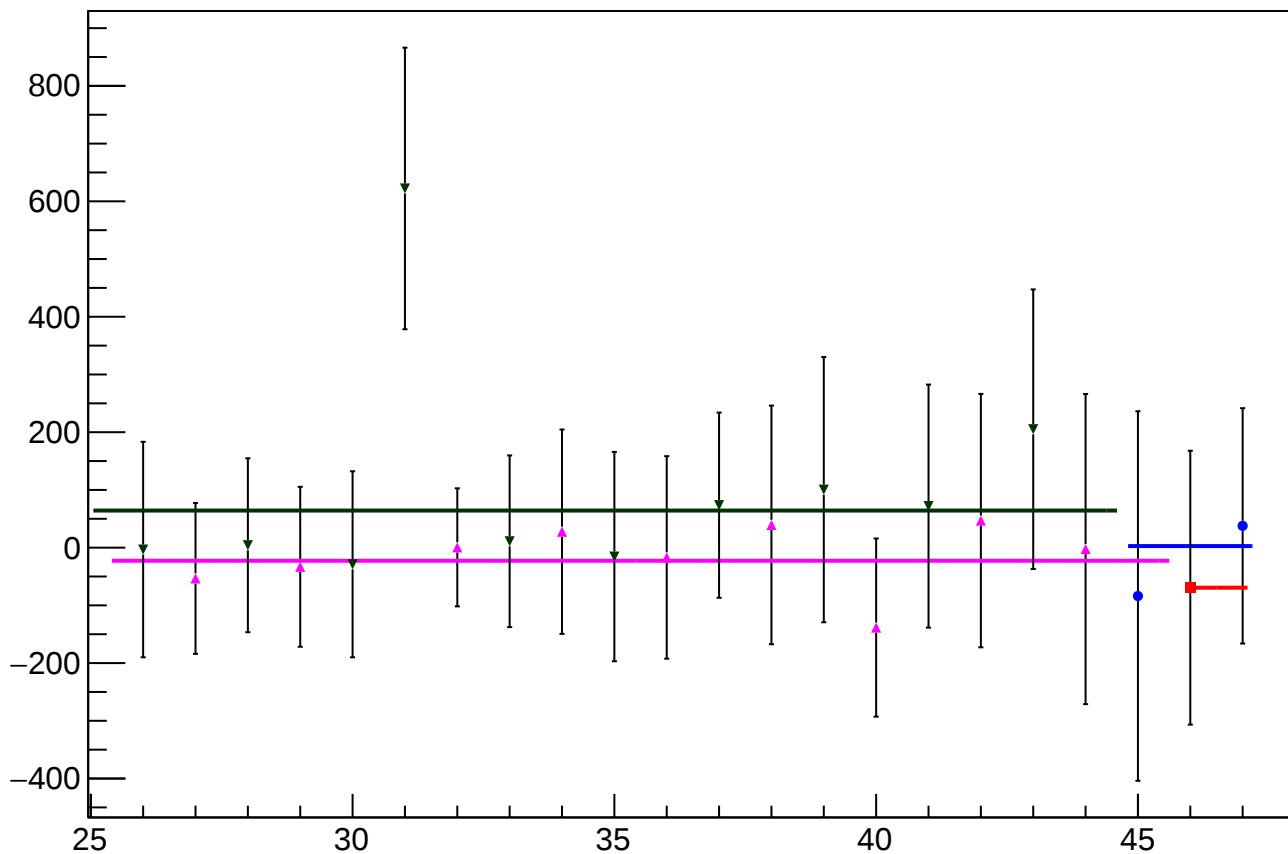
Right Out: 16.953+/-0.019 χ^2/NDF : 0.0/0

Left In: 17.690+/-0.005 χ^2/NDF :134444.8/8

17.348+/-0.005 χ^2/NDF : 135042.4/11

17.636+/-0.005 χ^2/NDF : 135840.7/9

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 2.687+/-171.953 χ^2/NDF : 0.1/1

Left Out: 64.255+/-57.630 χ^2/NDF : 6.5/9

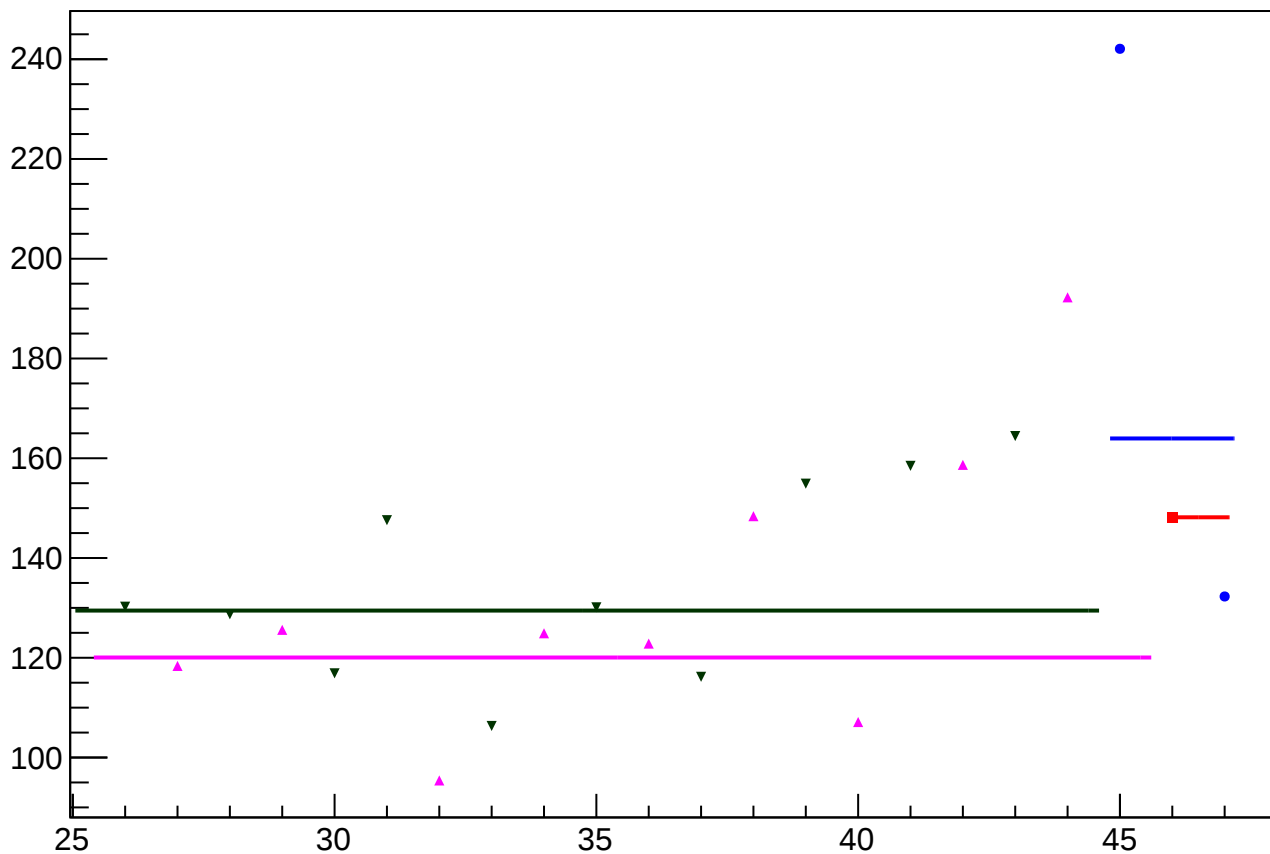
Right Out: -69.396+/-237.261 χ^2/NDF : 0.0/0

Left In: -22.721+/-51.941 χ^2/NDF : 1.0/8

58.038+/-54.643 χ^2/NDF : 6.8/11

-24.855+/-50.739 χ^2/NDF : 1.0/9

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 163.968+/-0.122 χ^2/NDF : 167406.2/1

Left Out: 129.462+/-0.041 χ^2/NDF : 189687.2/9

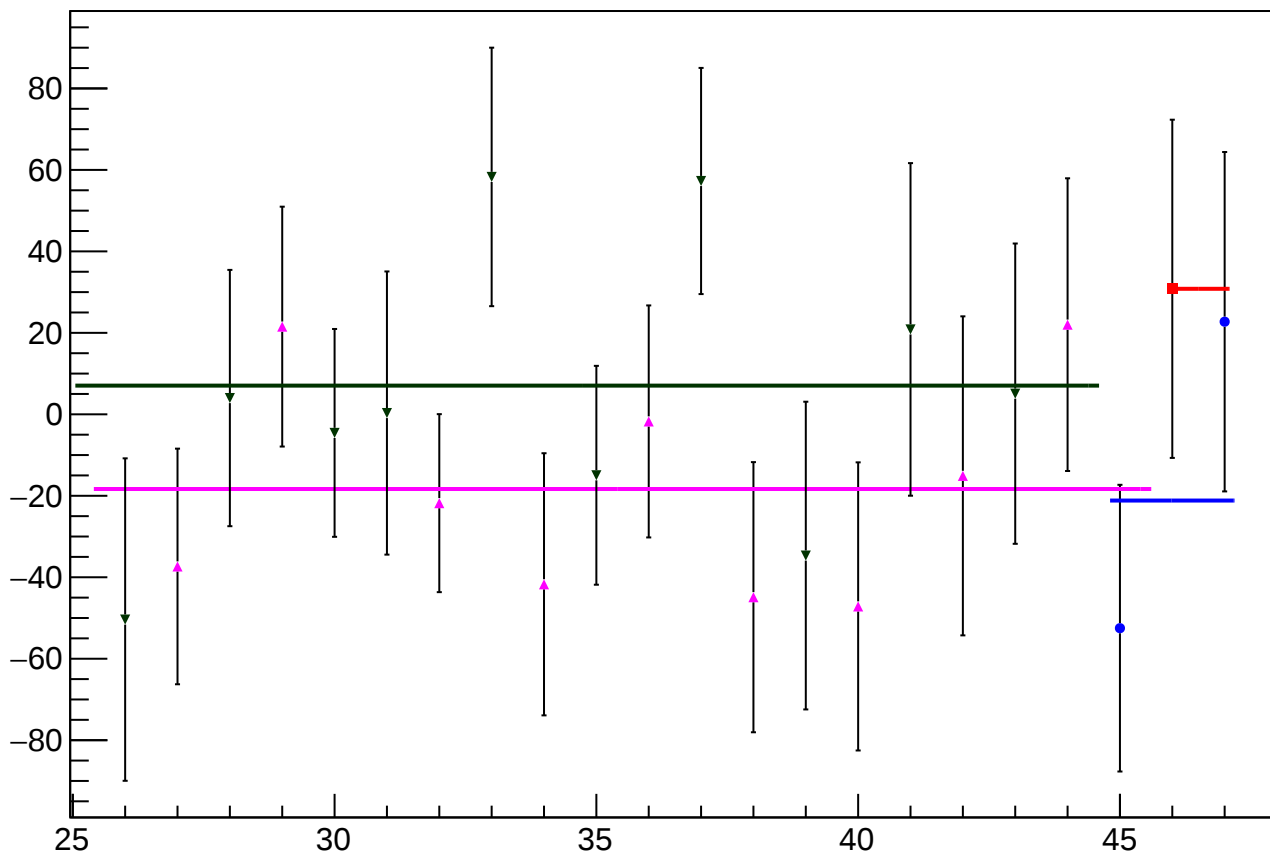
Right Out: 148.163+/-0.168 χ^2/NDF : 0.0/0

Left In: 120.052+/-0.037 χ^2/NDF : 379795.5/8

132.946+/-0.039 χ^2/NDF : 429499.5/11

121.338+/-0.036 χ^2/NDF : 406586.3/9

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -21.168 $\pm$ 26.883 χ^2/NDF : 1.9/1

Left Out: 7.046 $\pm$ 10.139 χ^2/NDF : 10.2/9

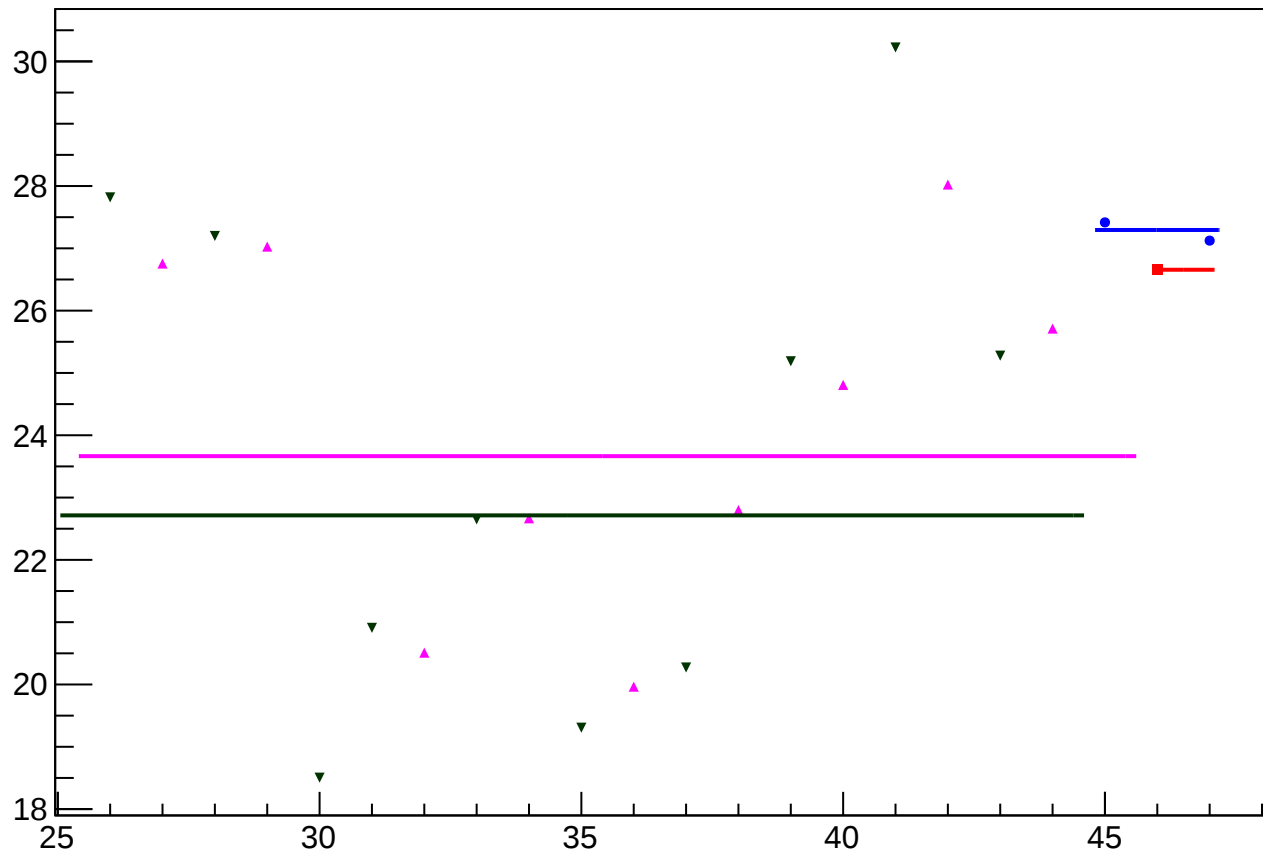
Right Out: 30.812 $\pm$ 41.513 χ^2/NDF : 0.0/0

Left In: -18.334 $\pm$ 10.112 χ^2/NDF : 5.7/8

3.532 $\pm$ 9.487 χ^2/NDF : 13.1/11

-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: 27.295±/0.019 χ^2/NDF : 57.7/1

Left Out: 22.714±/0.007 χ^2/NDF : 267334.5/9

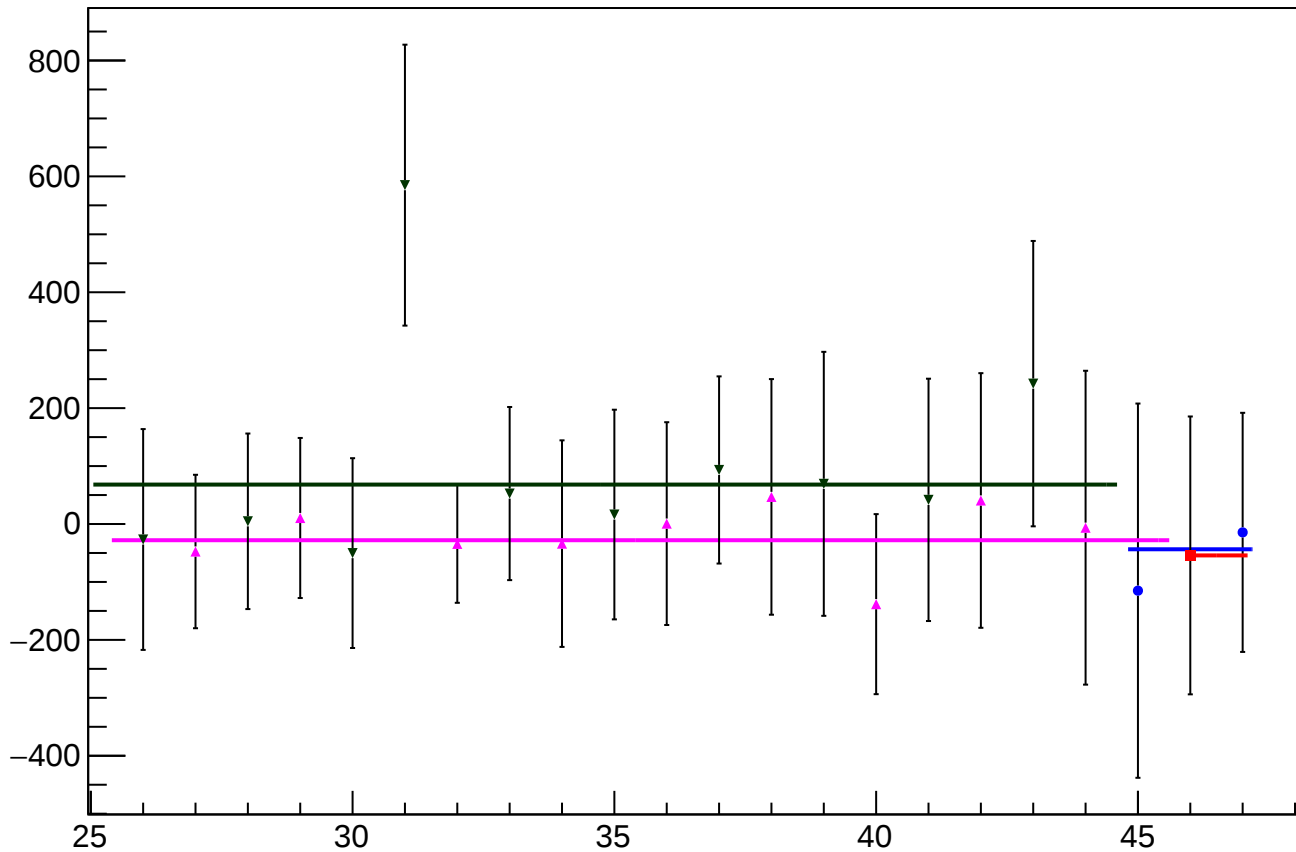
Right Out: 26.656±/0.029 χ^2/NDF : 0.0/0

Left In: 23.665±/0.007 χ^2/NDF : 161021.9/8

23.285±/0.007 χ^2/NDF : 318223.7/11

23.832±/0.007 χ^2/NDF : 170825.7/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -43.606 $\pm$ 173.891 χ^2 /NDF: 0.1/1

Left Out: 68.060 $\pm$ 57.959 χ^2 /NDF: 6.1/9

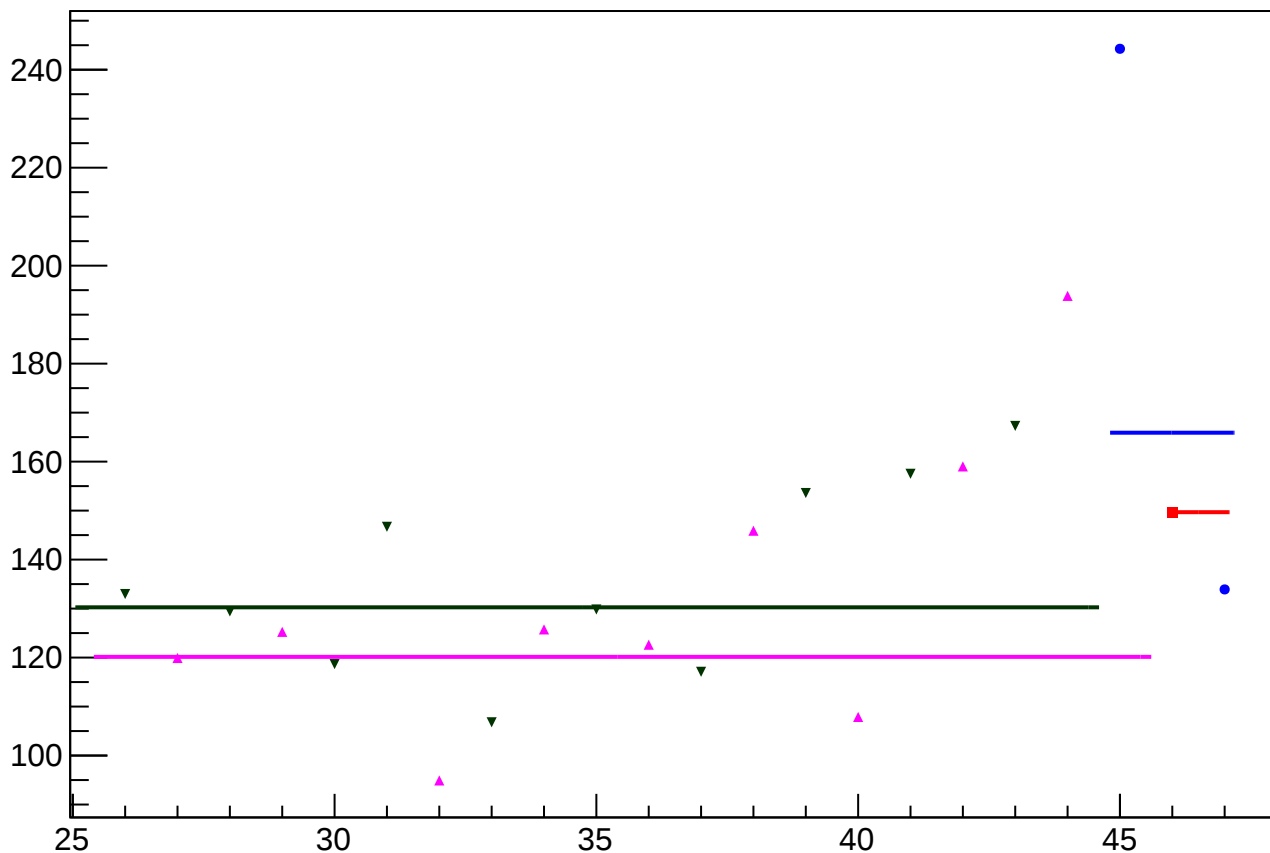
Right Out: -54.203 $\pm$ 239.786 χ^2 /NDF: 0.0/0

Left In: -27.981 $\pm$ 51.982 χ^2 /NDF: 0.9/8

56.895 $\pm$ 54.985 χ^2 /NDF: 6.6/11

-29.158 $\pm$ 50.802 χ^2 /NDF: 0.9/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 165.904 $\pm$ 0.123 χ^2 /NDF: 165821.4/1

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF: 182492.6/9

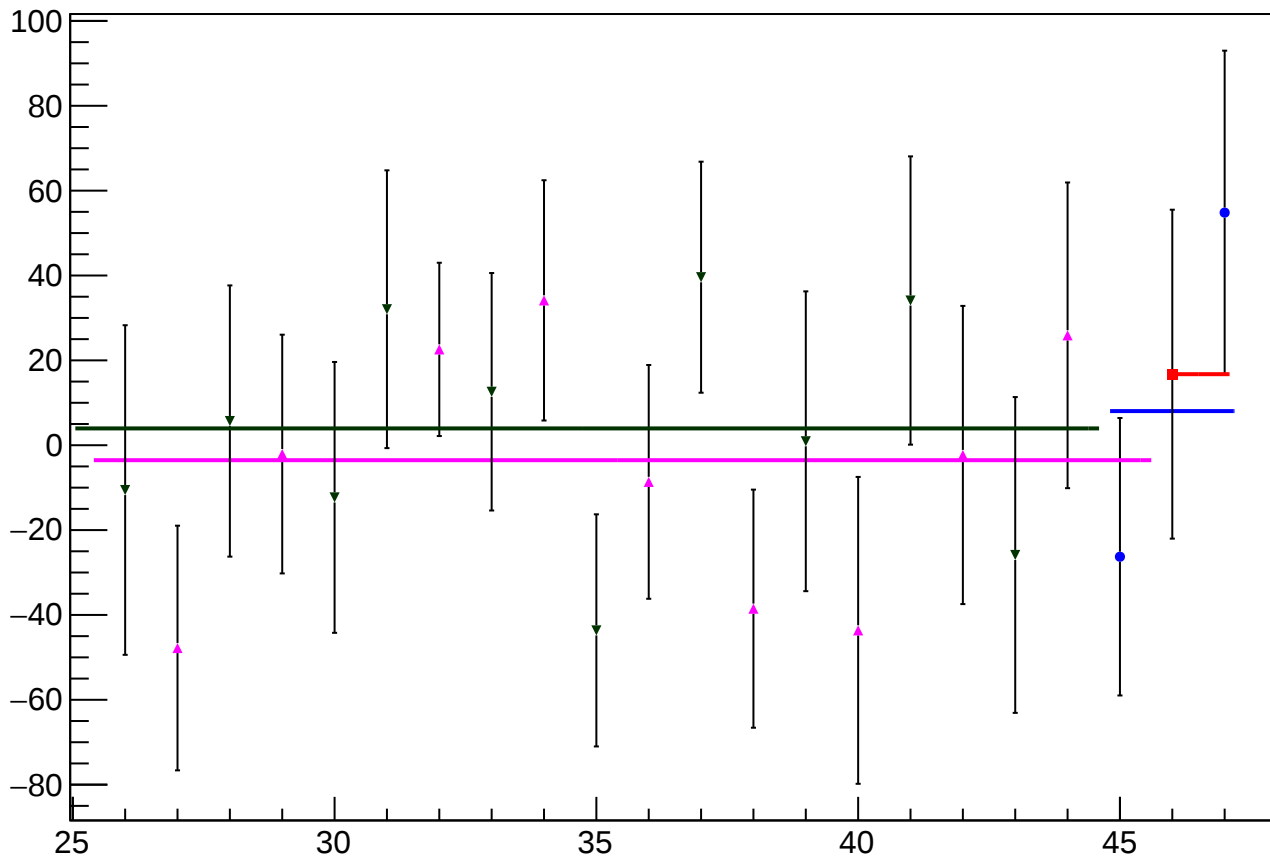
Right Out: 149.677 $\pm$ 0.170 χ^2 /NDF: 0.0/0

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF: 383181.0/8

133.821 $\pm$ 0.039 χ^2 /NDF: 423954.8/11

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: 8.046 $\pm$ 24.833 χ^2 /NDF: 2.6/1

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

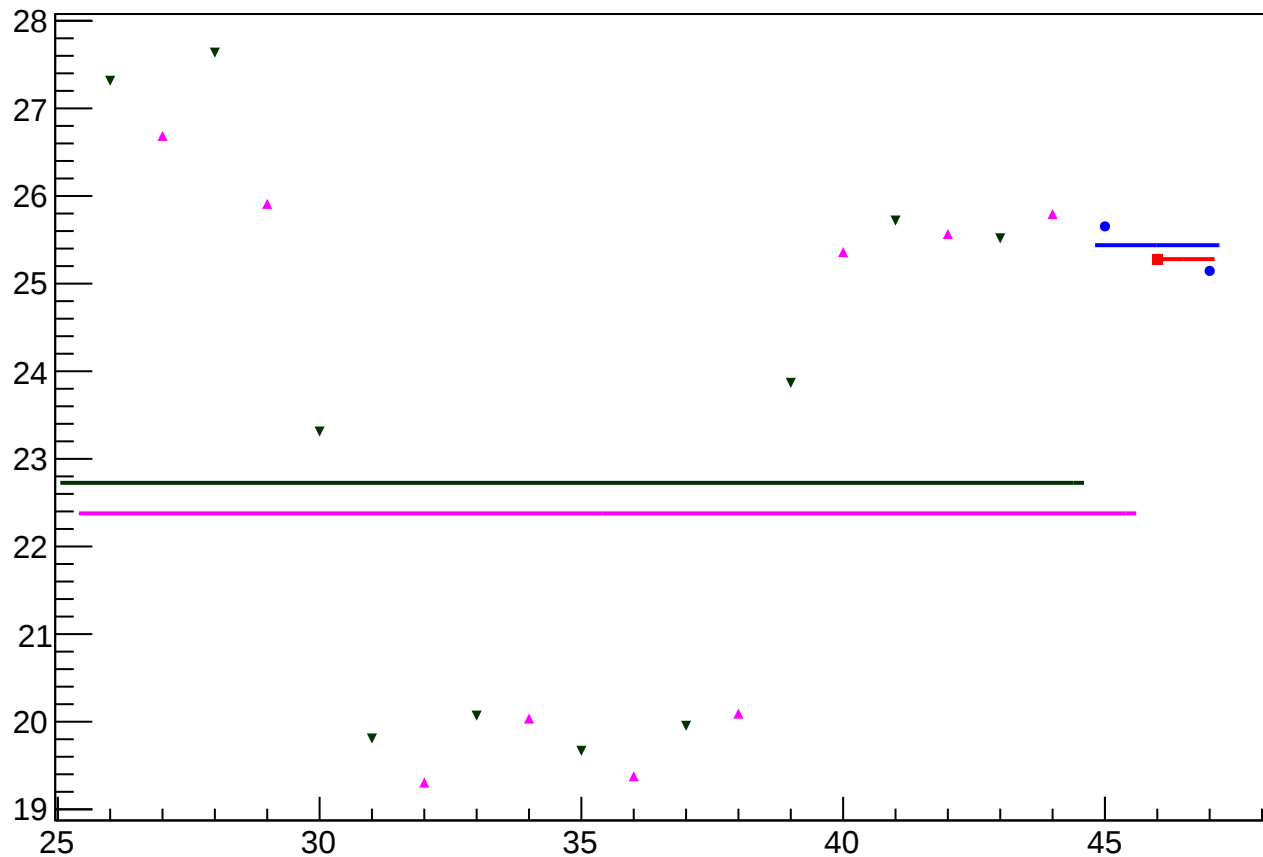
Right Out: 16.745 $\pm$ 38.760 χ^2 /NDF: 0.0/0

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

4.535 $\pm$ 9.313 χ^2 /NDF: 10.0/11

-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: 25.438+/-0.018 χ^2/NDF : 204.2/1

Left Out: 22.726+/-0.007 χ^2/NDF : 184323.0/9

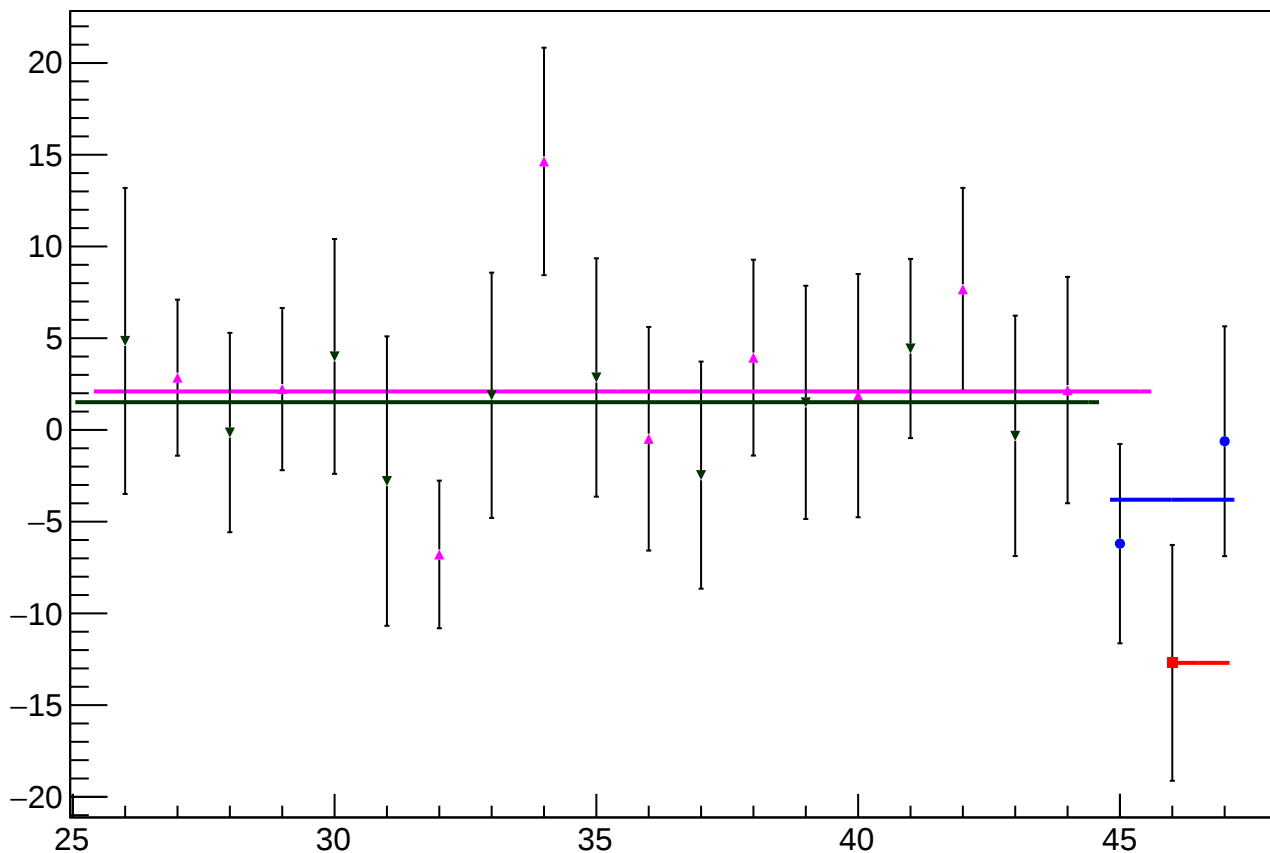
Right Out: 25.280+/-0.027 χ^2/NDF : 0.0/0

Left In: 22.378+/-0.007 χ^2/NDF : 220187.8/8

23.108+/-0.007 χ^2/NDF : 205027.3/11

22.543+/-0.007 χ^2/NDF : 230760.7/9

diff_bpm12X_mean vs slug



Right In: -3.804 ± 4.104 $\chi^2/\text{NDF}: 0.5/1$

Left Out: 1.512 ± 1.997 $\chi^2/\text{NDF}: 1.6/9$

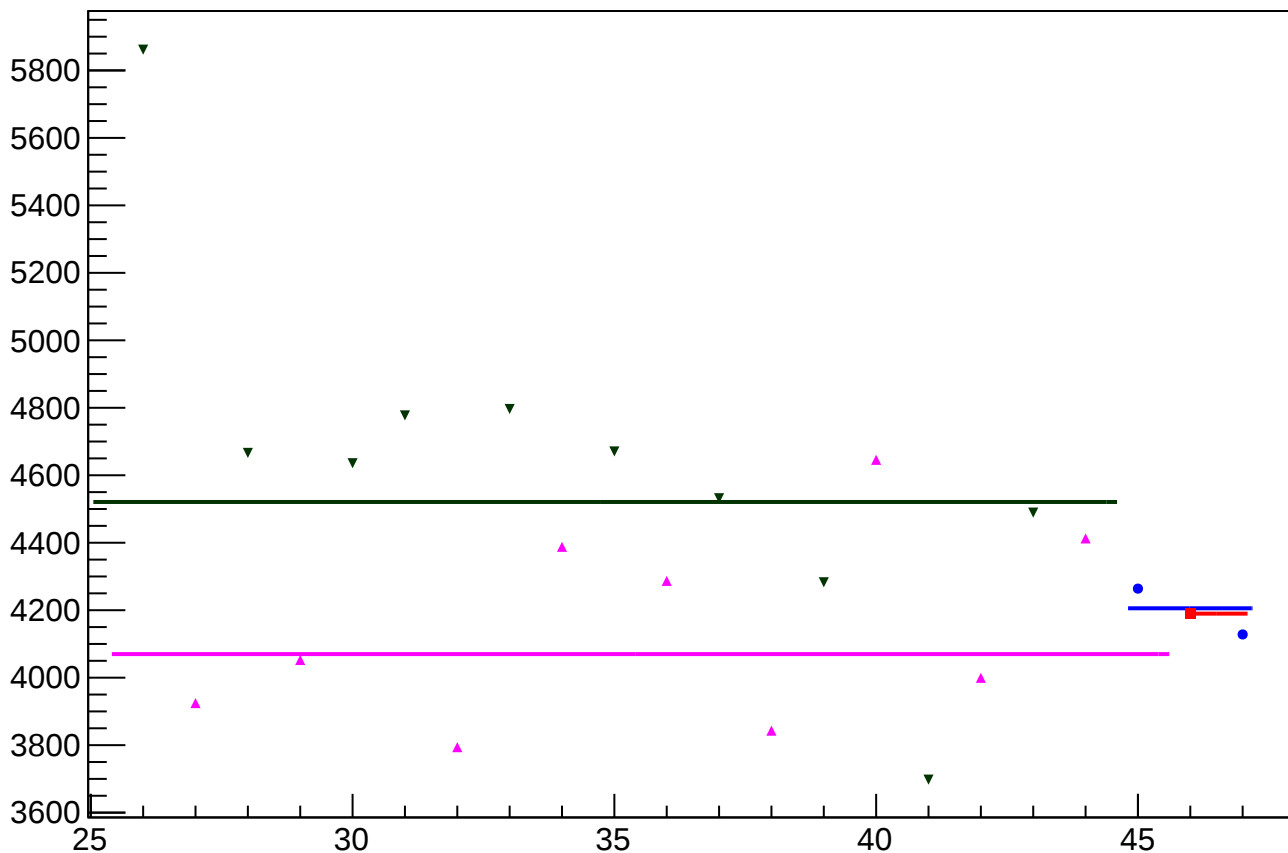
Right Out: -12.697 ± 6.428 $\chi^2/\text{NDF}: 0.0/0$

Left In: 2.097 ± 1.720 $\chi^2/\text{NDF}: 10.3/8$

0.495 ± 1.795 $\chi^2/\text{NDF}: 3.4/11$

1.109 ± 1.662 $\chi^2/\text{NDF}: 15.3/9$

diff_bpm12X_rms vs slug



Right In: 4205.700+/-2.902 χ^2/NDF : 536.6/1

Left Out: 4520.844+/-1.412 χ^2/NDF :119990.0/9

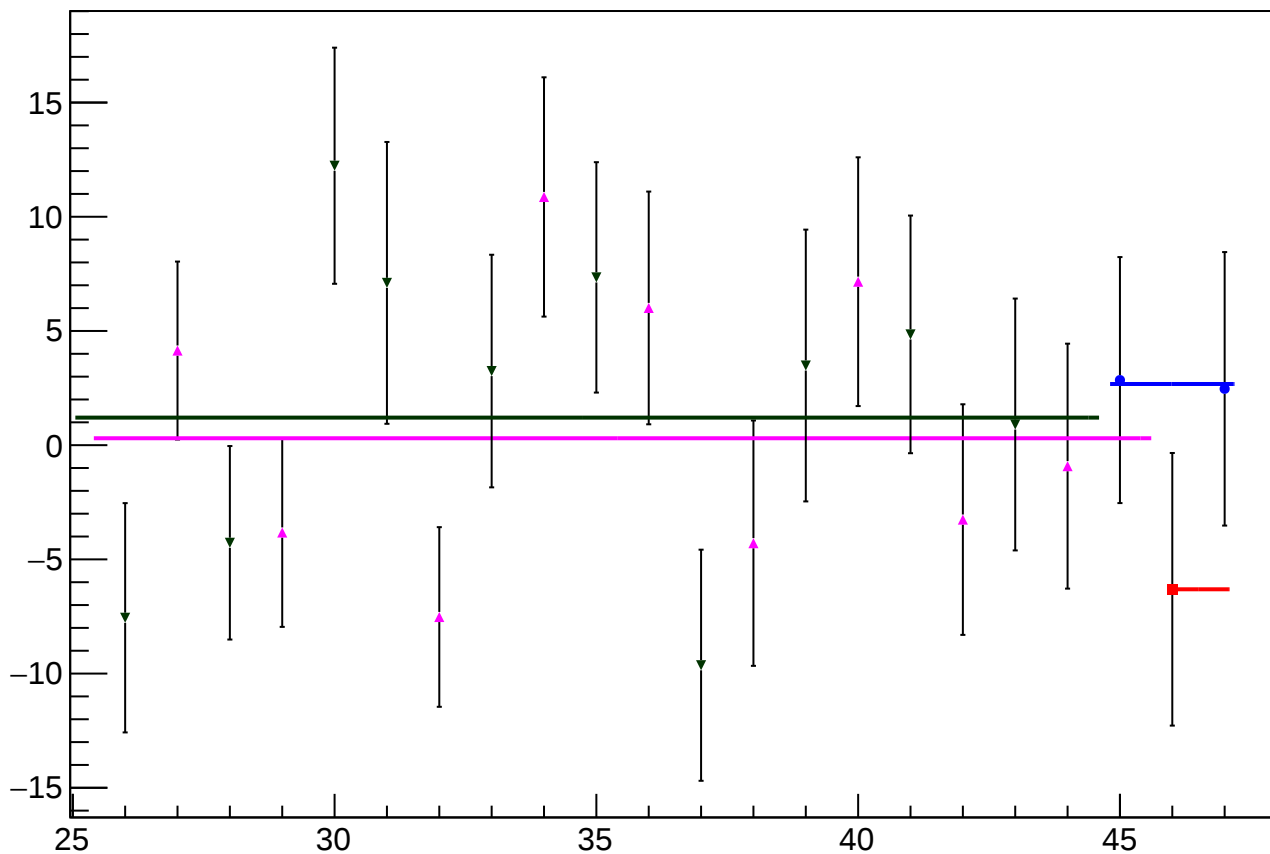
Right Out: 4189.810+/-4.545 χ^2/NDF : 0.0/0

Left In: 4069.946+/-1.216 χ^2/NDF :44773.6/8

4460.538+/-1.270 χ^2/NDF : 130061.8/11

4077.954+/-1.175 χ^2/NDF : 45422.5/9

diff_bpm12Y_mean vs slug



Right In: 2.678 ± 4.004 χ^2/NDF : 0.0/1

Left Out: 1.206 ± 1.635 χ^2/NDF : 17.1/9

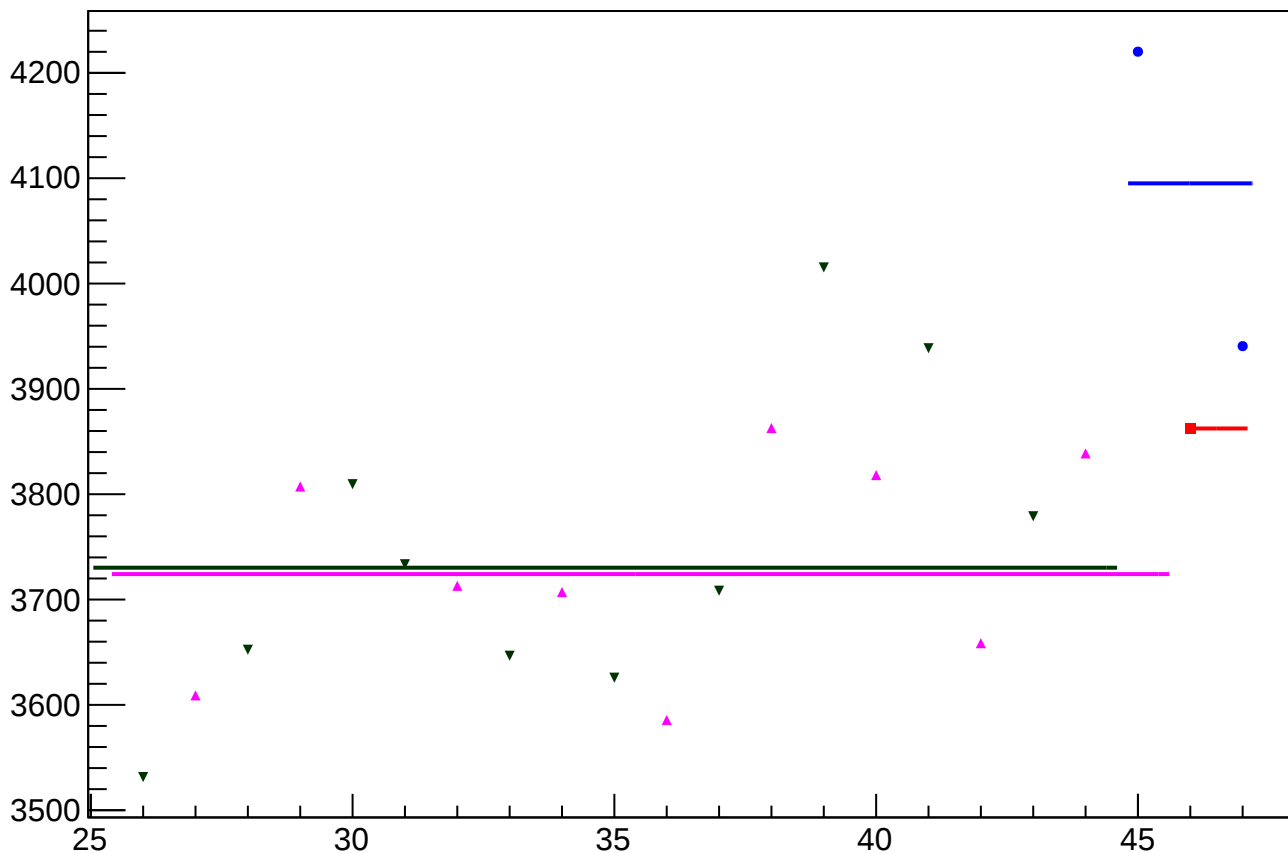
Right Out: -6.310 ± 5.968 χ^2/NDF : 0.0/0

Left In: 0.303 ± 1.568 χ^2/NDF : 14.1/8

1.417 ± 1.513 χ^2/NDF : 17.2/11

-0.124 ± 1.517 χ^2/NDF : 15.3/9

diff_bpm12Y_rms vs slug



Right In: 4095.111+/-2.831 χ^2/NDF : 2410.1/1

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

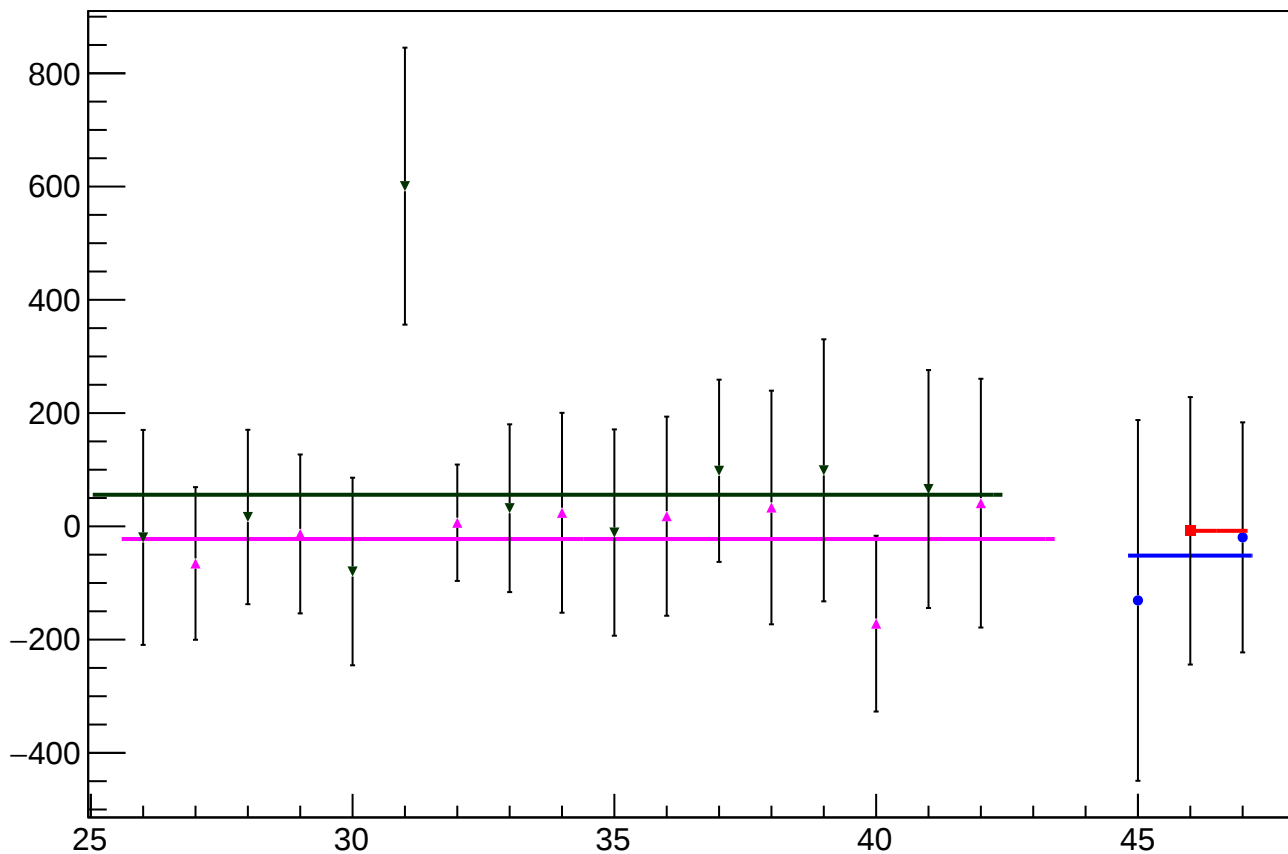
Right Out: 3862.405+/-4.220 χ^2/NDF : 0.0/0

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3782.370+/-1.070 χ^2/NDF : 30319.5/11

3733.097+/-1.073 χ^2/NDF : 8256.3/9

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659+/-171.258 χ^2/NDF : 0.1/1

Left Out: 55.788+/-59.892 χ^2/NDF : 6.1/8

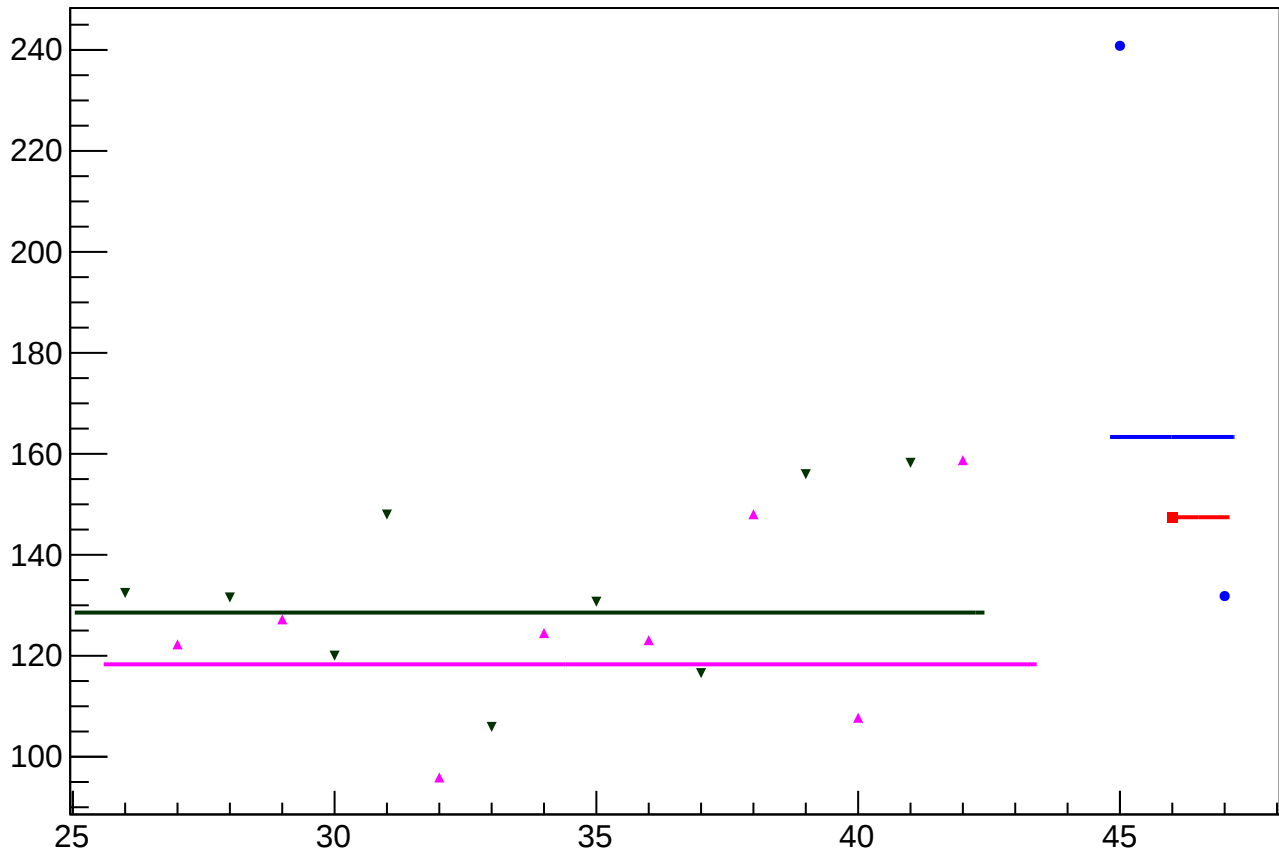
Right Out: -7.905+/-236.142 χ^2/NDF : 0.0/0

Left In: -22.351+/-53.393 χ^2/NDF : 1.4/7

44.079+/-56.535 χ^2/NDF : 6.6/10

-21.648+/-52.078 χ^2/NDF : 1.4/8

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340+/-0.121 χ^2/NDF : 166487.1/1

Left Out: 128.560+/-0.042 χ^2/NDF : 145575.3/8

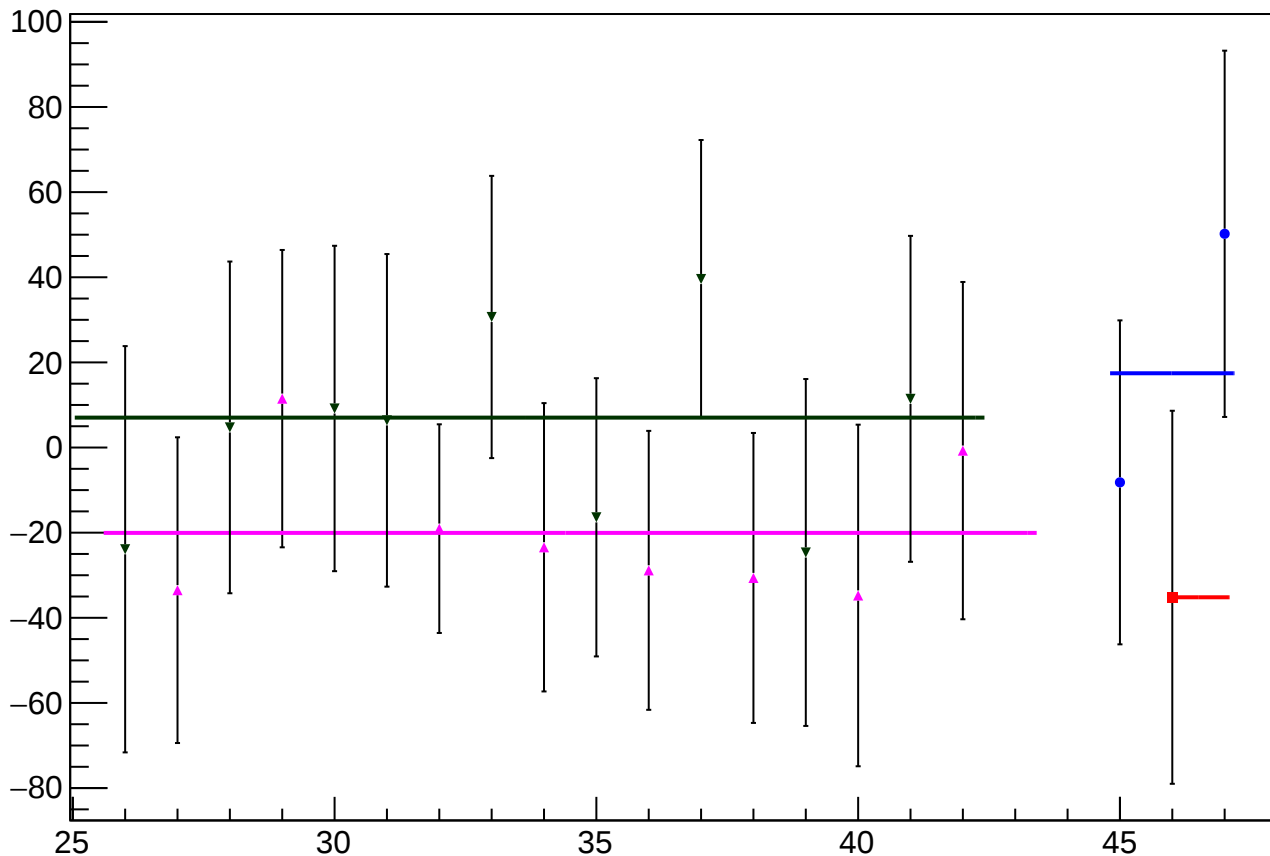
Right Out: 147.446+/-0.167 χ^2/NDF : 0.0/0

Left In: 118.311+/-0.038 χ^2/NDF : 227483.3/7

132.350+/-0.040 χ^2/NDF : 385559.7/10

119.728+/-0.037 χ^2/NDF : 256448.9/8

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

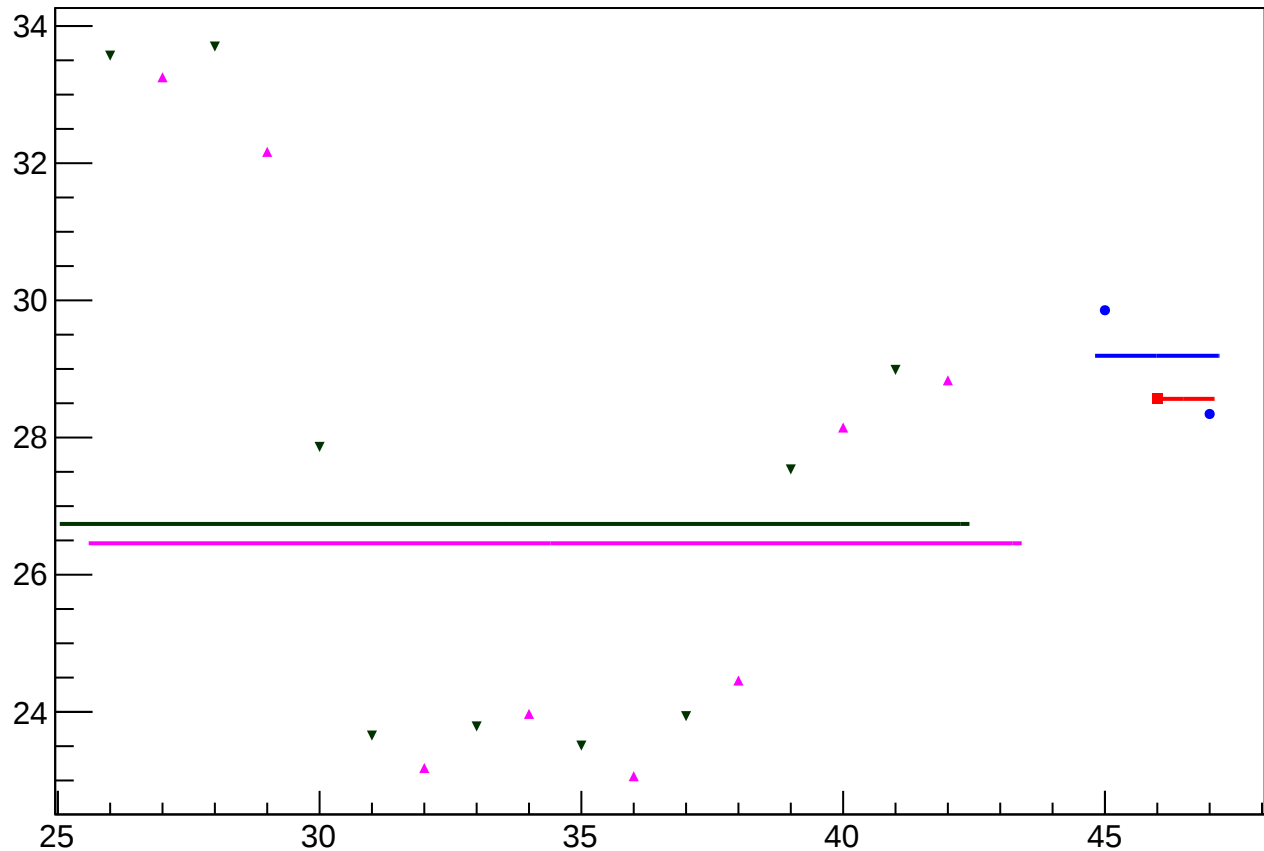
Right Out: -35.178 $\pm$ 43.816 χ^2/NDF : 0.0/0

Left In: -20.053 $\pm$ 11.799 χ^2/NDF : 1.5/7

8.686 $\pm$ 11.369 χ^2/NDF : 4.2/10

-21.075 $\pm$ 11.393 χ^2/NDF : 1.6/8

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

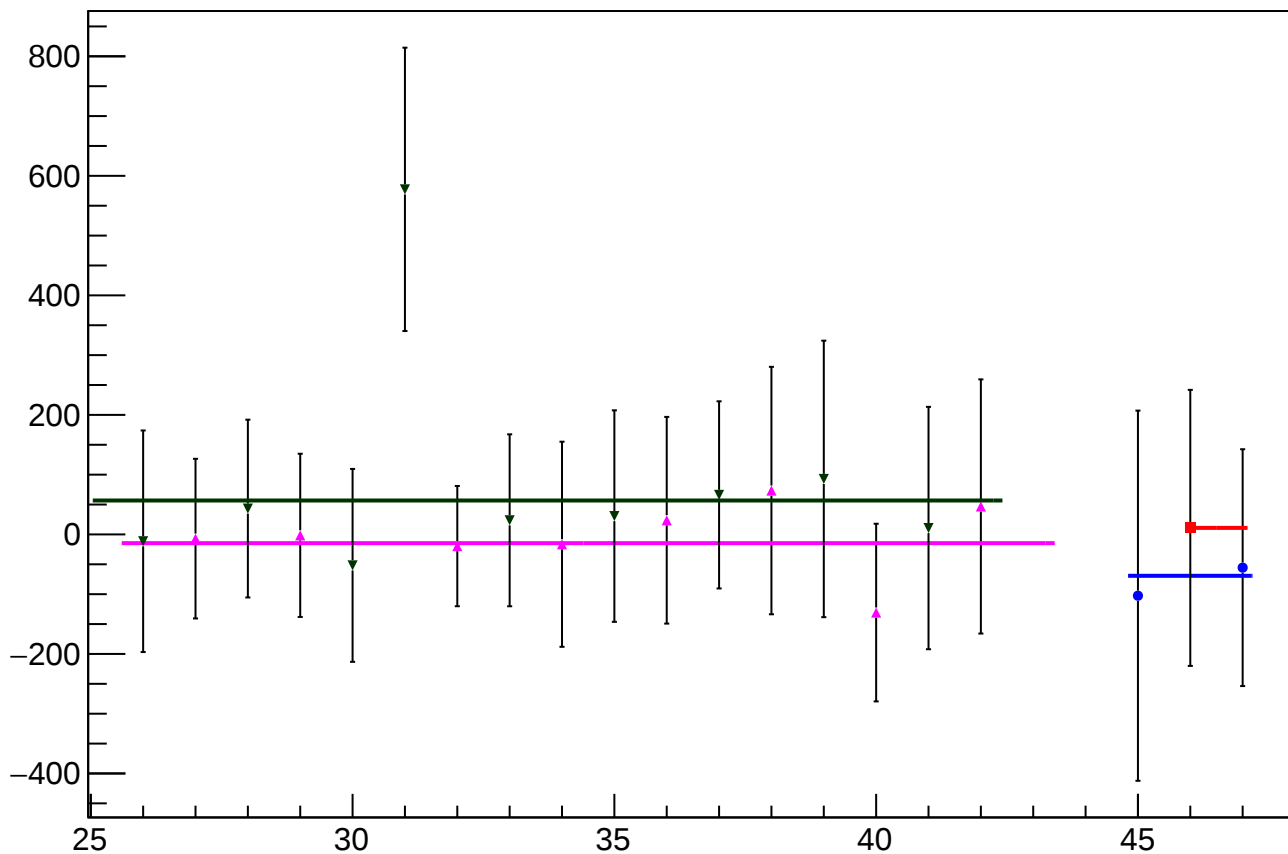
Right Out: 28.564 $\pm$ 0.031 χ^2/NDF : 0.0/0

Left In: 26.458 $\pm$ 0.008 χ^2/NDF : 210657.2/7

27.130 $\pm$ 0.008 χ^2/NDF : 190601.8/10

26.601 $\pm$ 0.008 χ^2/NDF : 214964.5/8

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

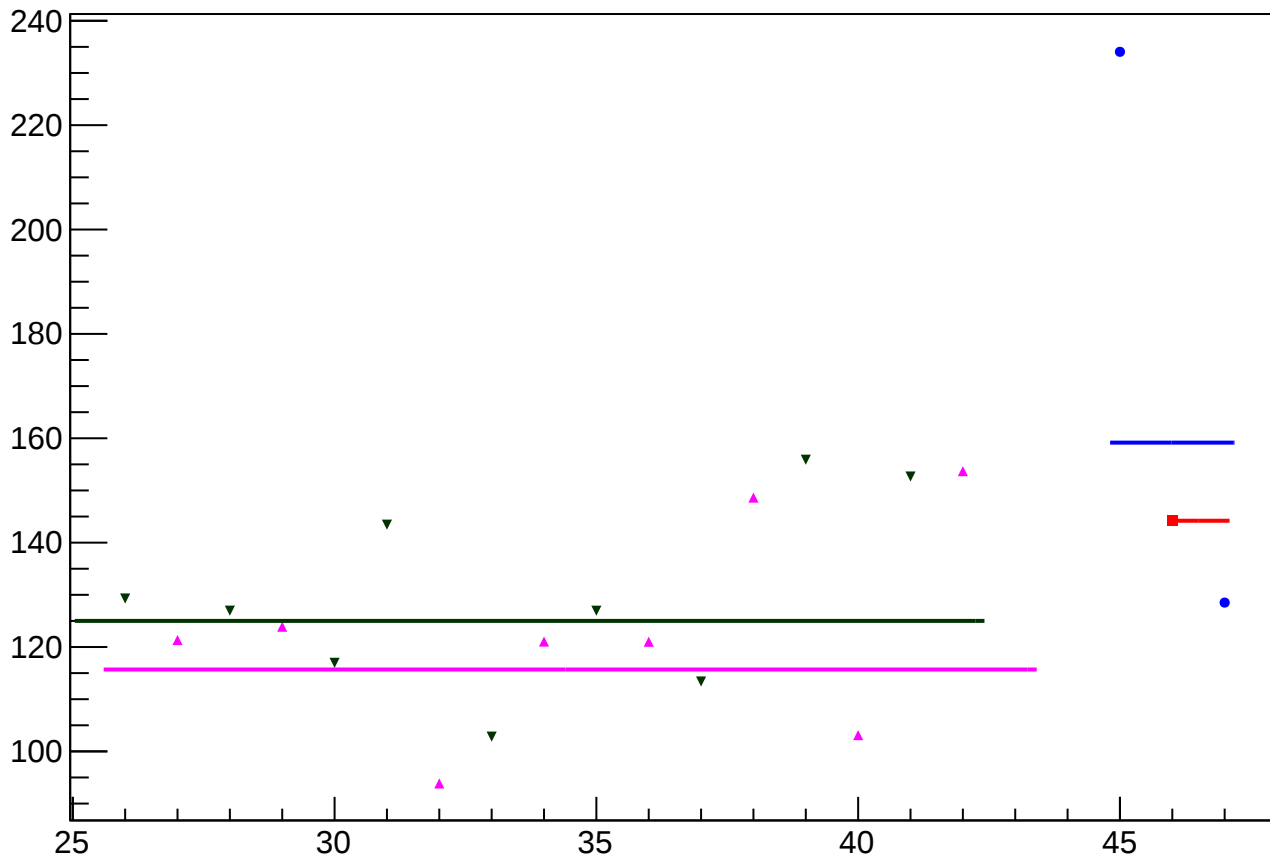
Right Out: 10.921 $\pm$ 230.957 χ^2/NDF : 0.0/0

Left In: -14.603 $\pm$ 52.227 χ^2/NDF : 0.9/7

43.074 $\pm$ 55.012 χ^2/NDF : 6.1/10

-13.362 $\pm$ 50.941 χ^2/NDF : 1.0/8

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167 $\pm$ 0.118 χ^2 /NDF: 164807.4/1

Left Out: 125.005 $\pm$ 0.041 χ^2 /NDF: 150125.6/8

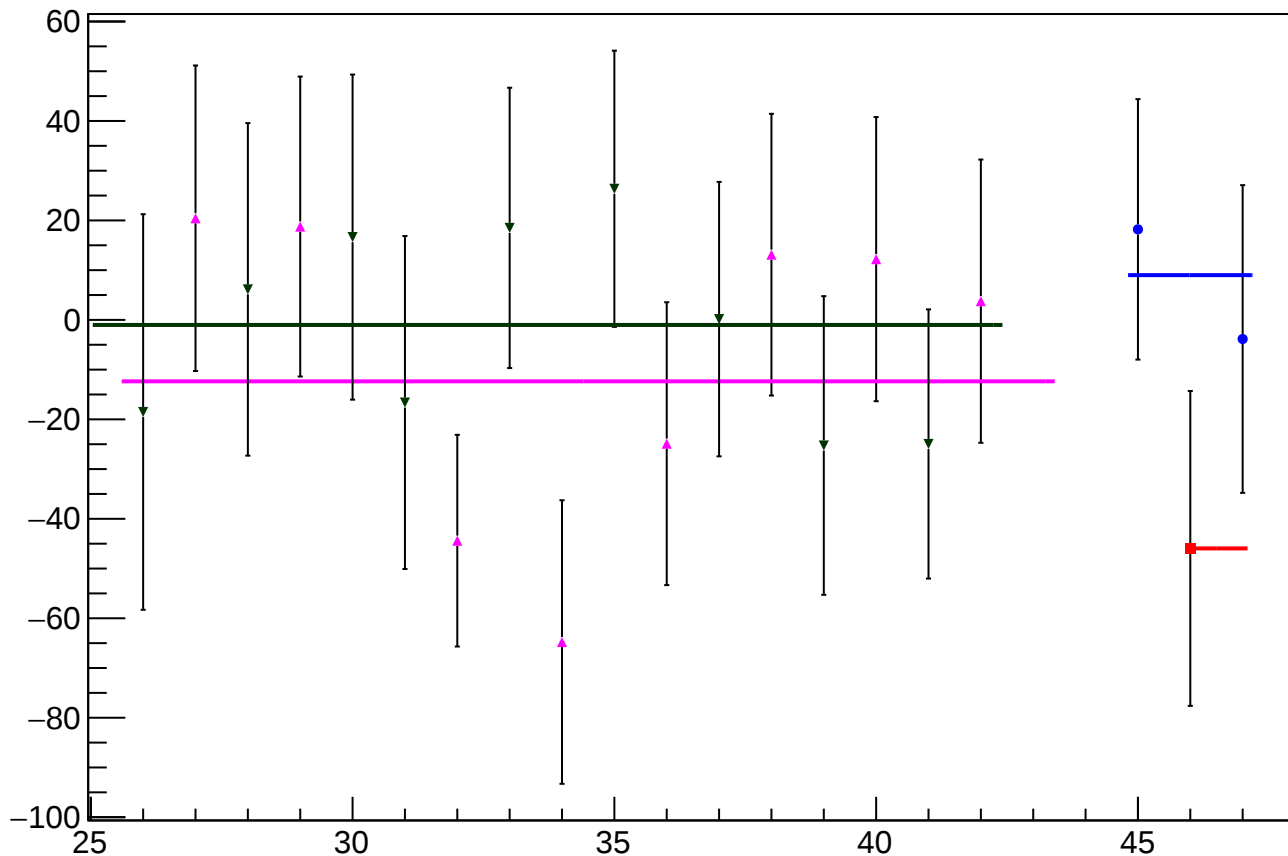
Right Out: 144.199 $\pm$ 0.163 χ^2 /NDF: 0.0/0

Left In: 115.690 $\pm$ 0.037 χ^2 /NDF: 237670.3/7

128.716 $\pm$ 0.039 χ^2 /NDF: 389614.7/10

117.077 $\pm$ 0.036 χ^2 /NDF: 266661.7/8

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

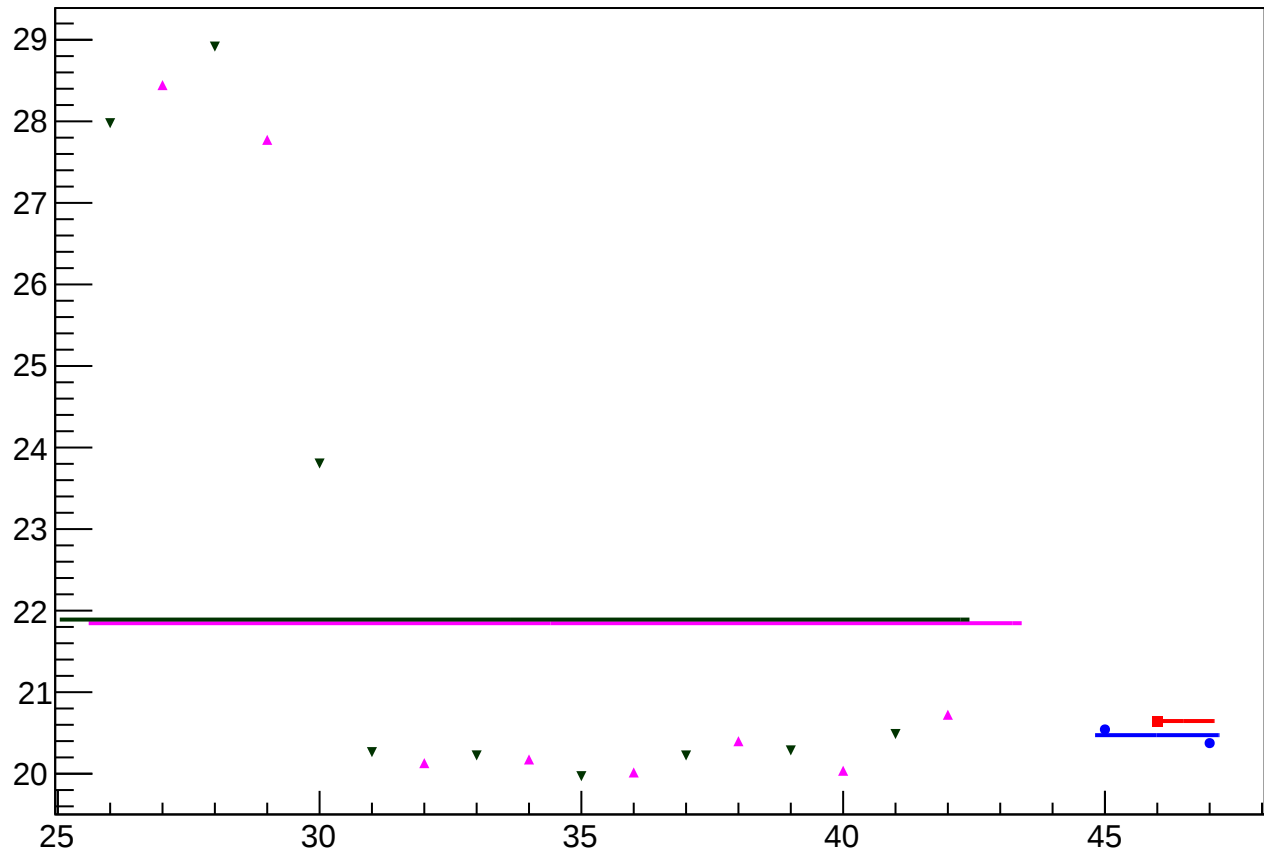
Right Out: -45.955 $\pm$ 31.660 χ^2 /NDF: 0.0/0

Left In: -12.356 $\pm$ 9.741 χ^2 /NDF: 9.9/7

1.038 $\pm$ 9.053 χ^2 /NDF: 4.1/10

-15.262 $\pm$ 9.311 χ^2 /NDF: 10.9/8

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

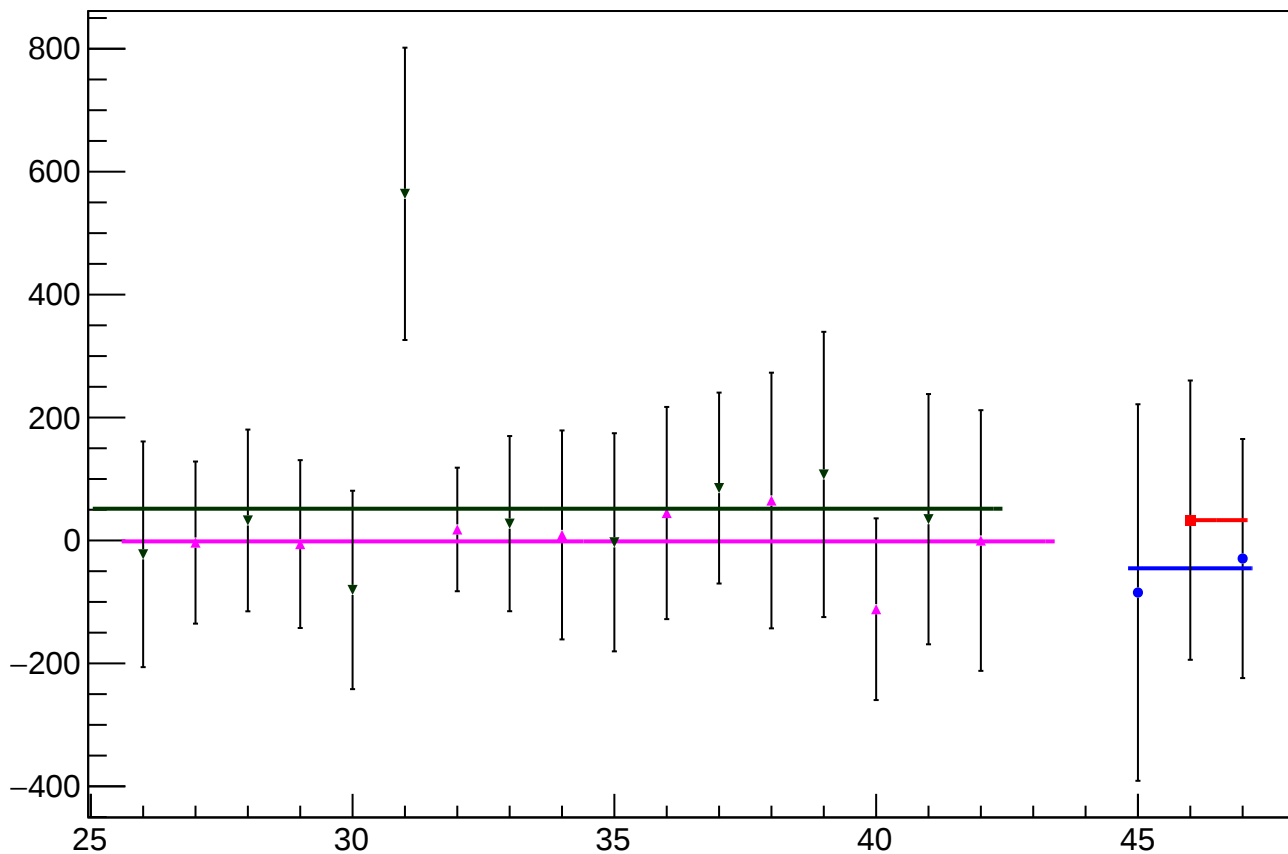
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.646+/-0.022 χ^2/NDF : 0.0/0

21.742+/-0.007 χ^2/NDF : 216674.5/8

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292±164.195 χ^2/NDF : 0.0/1

Left Out: 51.653±58.058 χ^2/NDF : 5.7/8

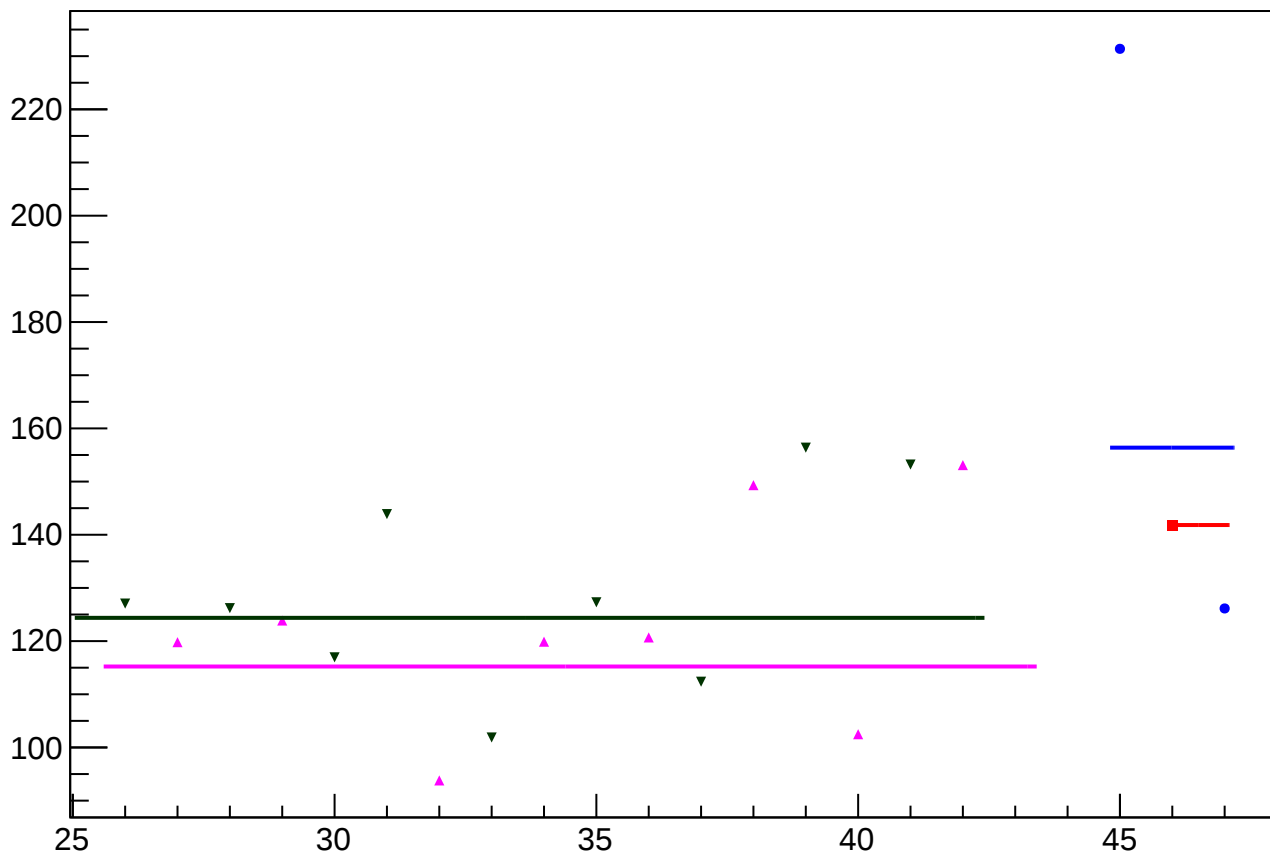
Right Out: 33.050±227.203 χ^2/NDF : 0.0/0

Left In: -1.485±52.029 χ^2/NDF : 0.8/7

40.879±54.737 χ^2/NDF : 6.1/10

0.236±50.716 χ^2/NDF : 0.8/8

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

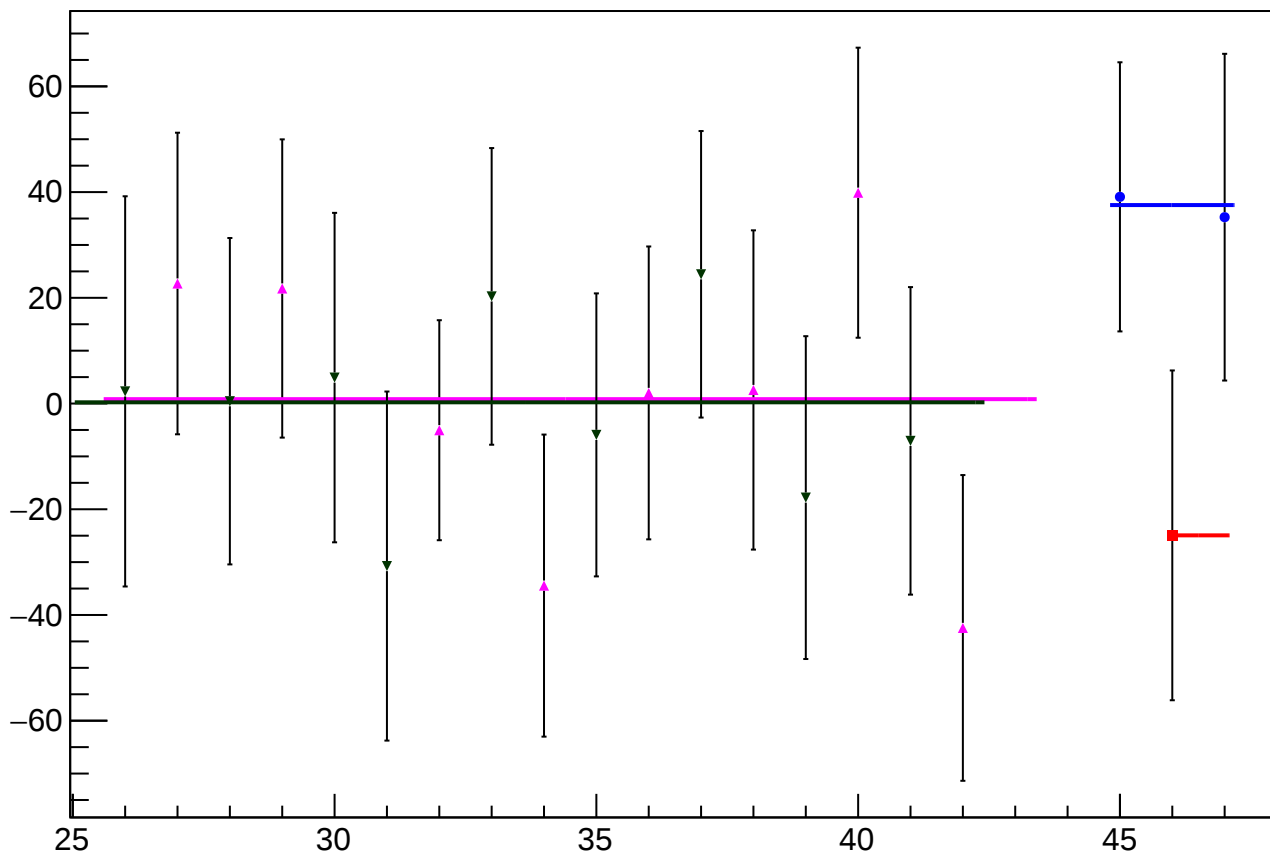
Right Out: 141.829 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

116.549 $\pm$ 0.036 χ^2 /NDF: 263255.9/8

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

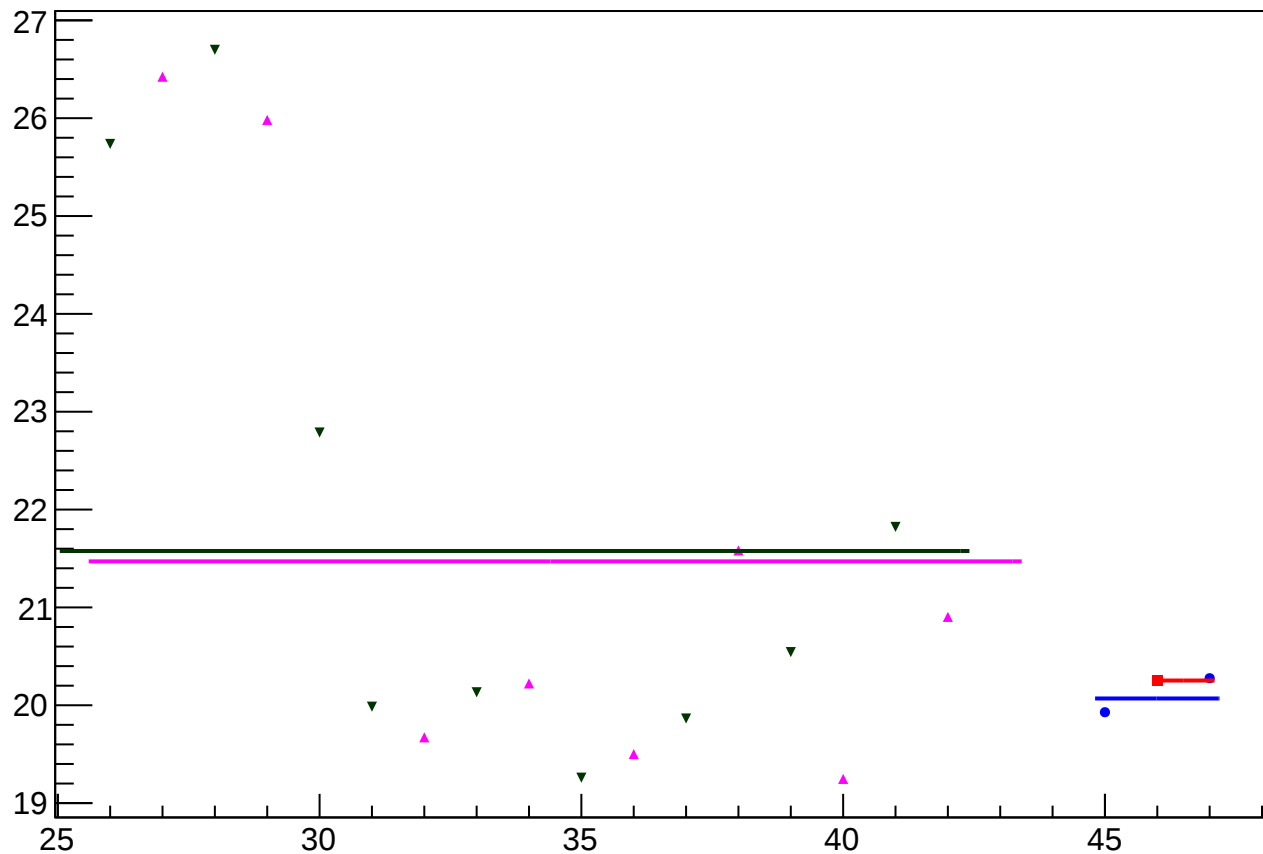
Right Out: -24.937+/-31.195 χ^2/NDF : 0.0/0

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

7.902+/-8.908 χ^2/NDF : 5.6/10

-1.382+/-9.140 χ^2/NDF : 7.6/8

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 ± 0.014 χ^2/NDF : 150.7/1

Left Out: 21.577 ± 0.007 χ^2/NDF : 118812.1/8

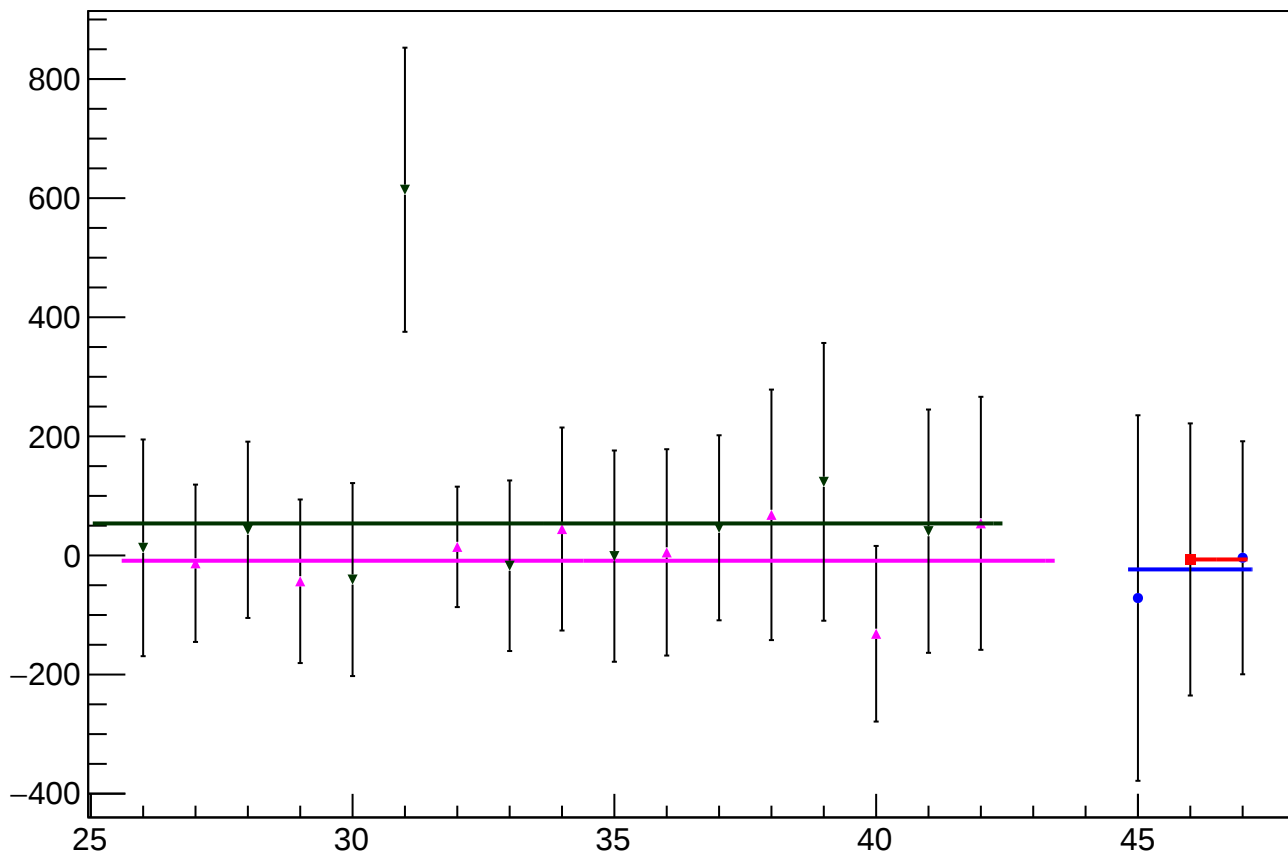
Right Out: 20.253 ± 0.022 χ^2/NDF : 0.0/0

Left In: 21.471 ± 0.007 χ^2/NDF : 154241.5/7

21.267 ± 0.006 χ^2/NDF : 128313.3/10

21.366 ± 0.006 χ^2/NDF : 157027.7/8

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2 /NDF: 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF: 6.3/8

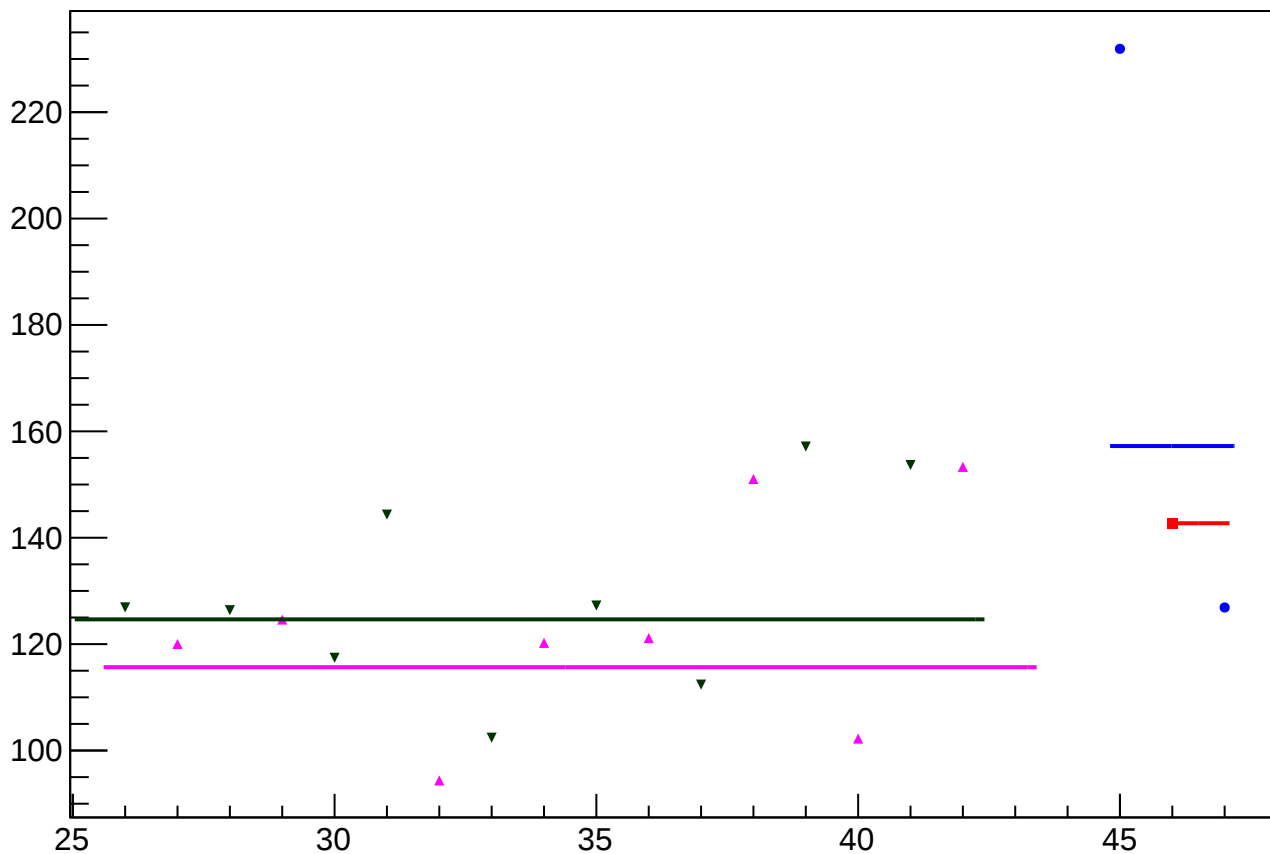
Right Out: -6.728 $\pm$ 228.476 χ^2 /NDF: 0.0/0

Left In: -8.870 $\pm$ 52.228 χ^2 /NDF: 1.1/7

45.213 $\pm$ 54.837 χ^2 /NDF: 6.6/10

-8.764 $\pm$ 50.914 χ^2 /NDF: 1.1/8

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236 $\pm$ 0.117 χ^2 /NDF: 166522.0/1

Left Out: 124.654 $\pm$ 0.041 χ^2 /NDF:158453.5/8

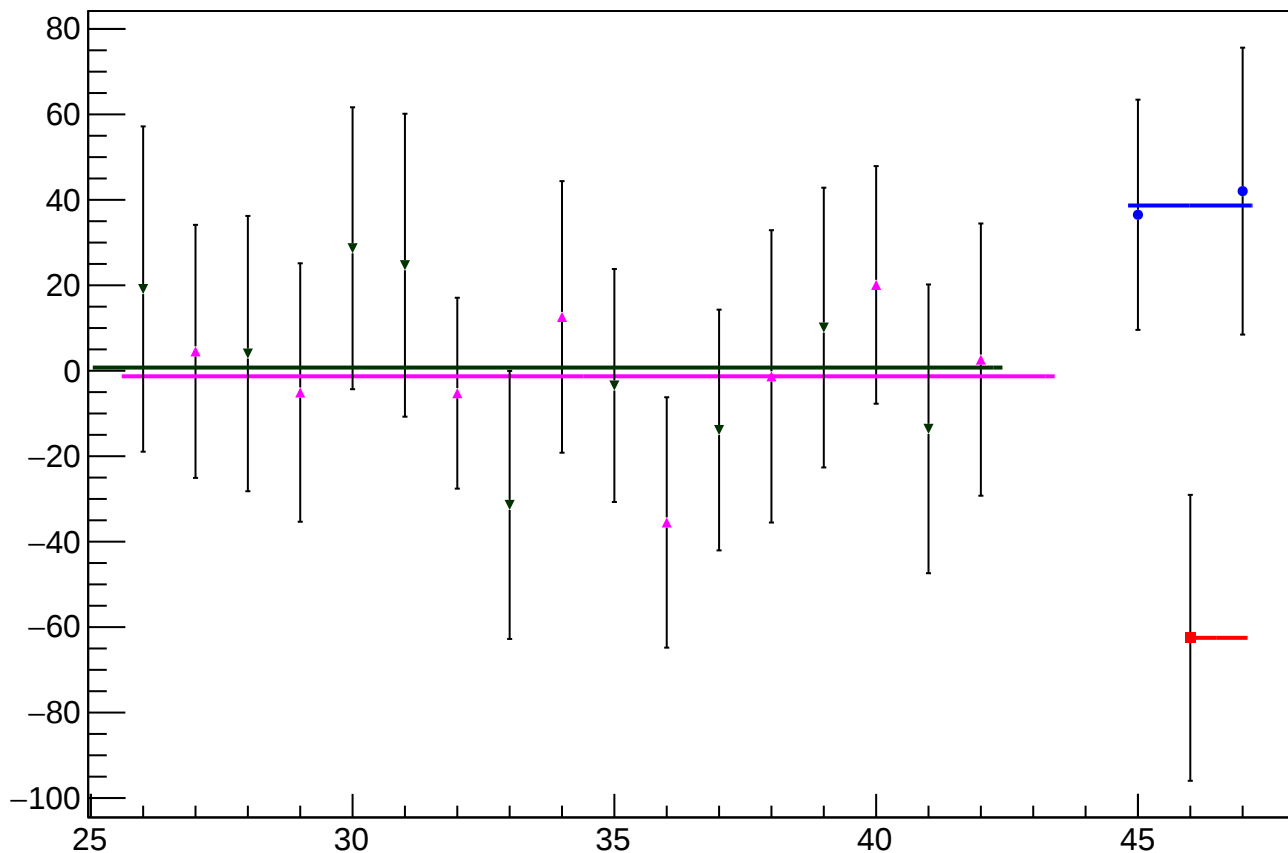
Right Out: 142.724 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Left In: 115.666 $\pm$ 0.037 χ^2 /NDF:238759.2/7

128.254 $\pm$ 0.039 χ^2 /NDF: 394359.2/10

117.010 $\pm$ 0.036 χ^2 /NDF: 265417.7/8

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675+/-21.011 χ^2/NDF : 0.0/1

Left Out: 0.747+/-10.661 χ^2/NDF : 3.0/8

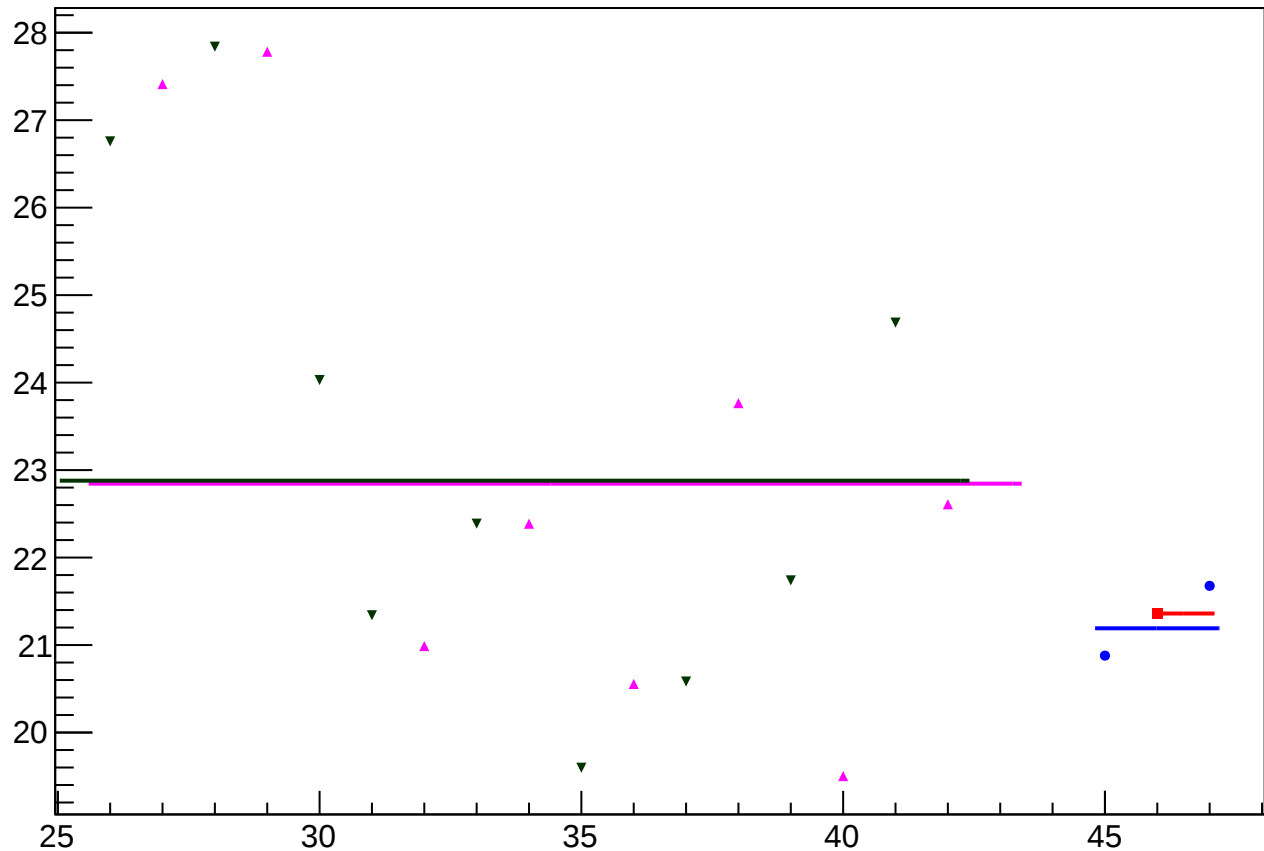
Right Out: -62.507+/-33.461 χ^2/NDF : 0.0/0

Left In: -1.298+/-10.246 χ^2/NDF : 2.2/7

8.513+/-9.507 χ^2/NDF : 5.6/10

-6.545+/-9.797 χ^2/NDF : 5.3/8

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192±/0.015 χ^2/NDF : 687.1/1

Left Out: 22.879±/0.008 χ^2/NDF :125279.7/8

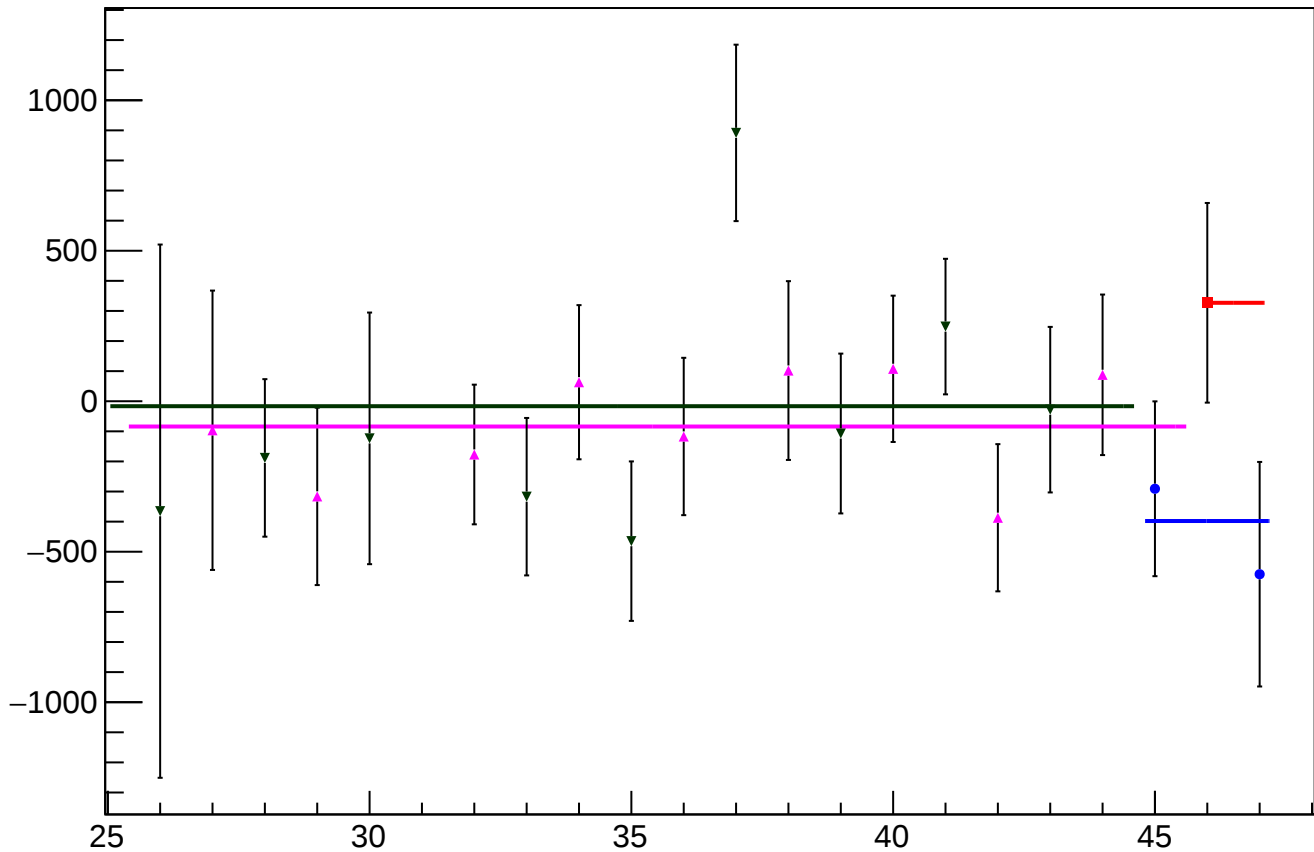
Right Out: 21.360±/0.024 χ^2/NDF : 0.0/0

Left In: 22.845±/0.007 χ^2/NDF :157790.8/7

22.533±/0.007 χ^2/NDF : 136226.3/10

22.717±/0.007 χ^2/NDF : 161387.9/8

asym_sam_15_avg_mean vs slug



Right In: -397.966+/-229.173 χ^2/NDF : 0.4/1

Left Out: -16.498+/-95.684 χ^2/NDF : 15.9/8

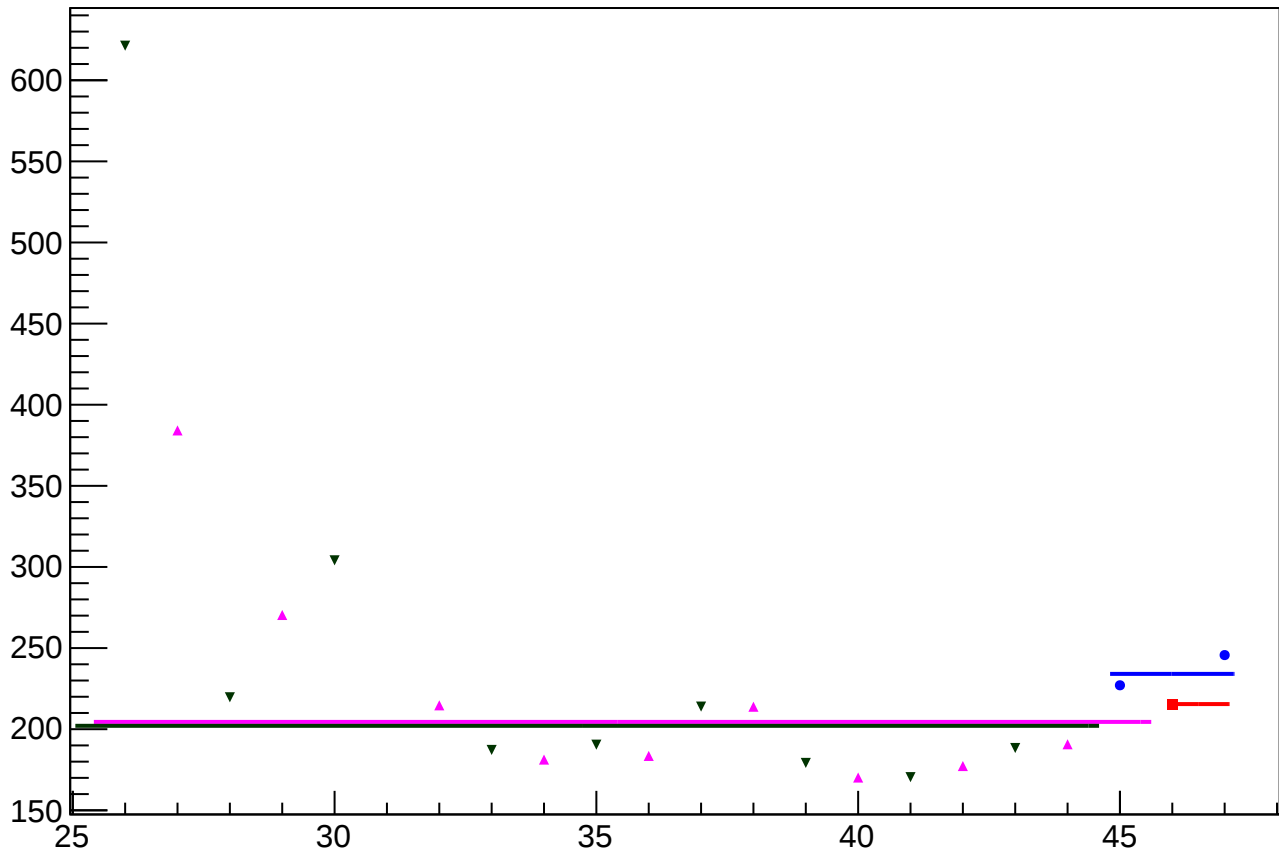
Right Out: 327.060+/-331.700 χ^2/NDF : 0.0/0

Left In: -83.982+/-89.928 χ^2/NDF : 4.1/8

-73.125+/-88.297 χ^2/NDF : 18.7/10

-55.838+/-86.795 χ^2/NDF : 5.5/9

asym_sam_15_avg_rms vs slug



Right In: 234.090 $\pm$ 0.162 χ^2/NDF : 3101.2/1

Left Out: 202.088 $\pm$ 0.068 χ^2/NDF : 648842.0/8

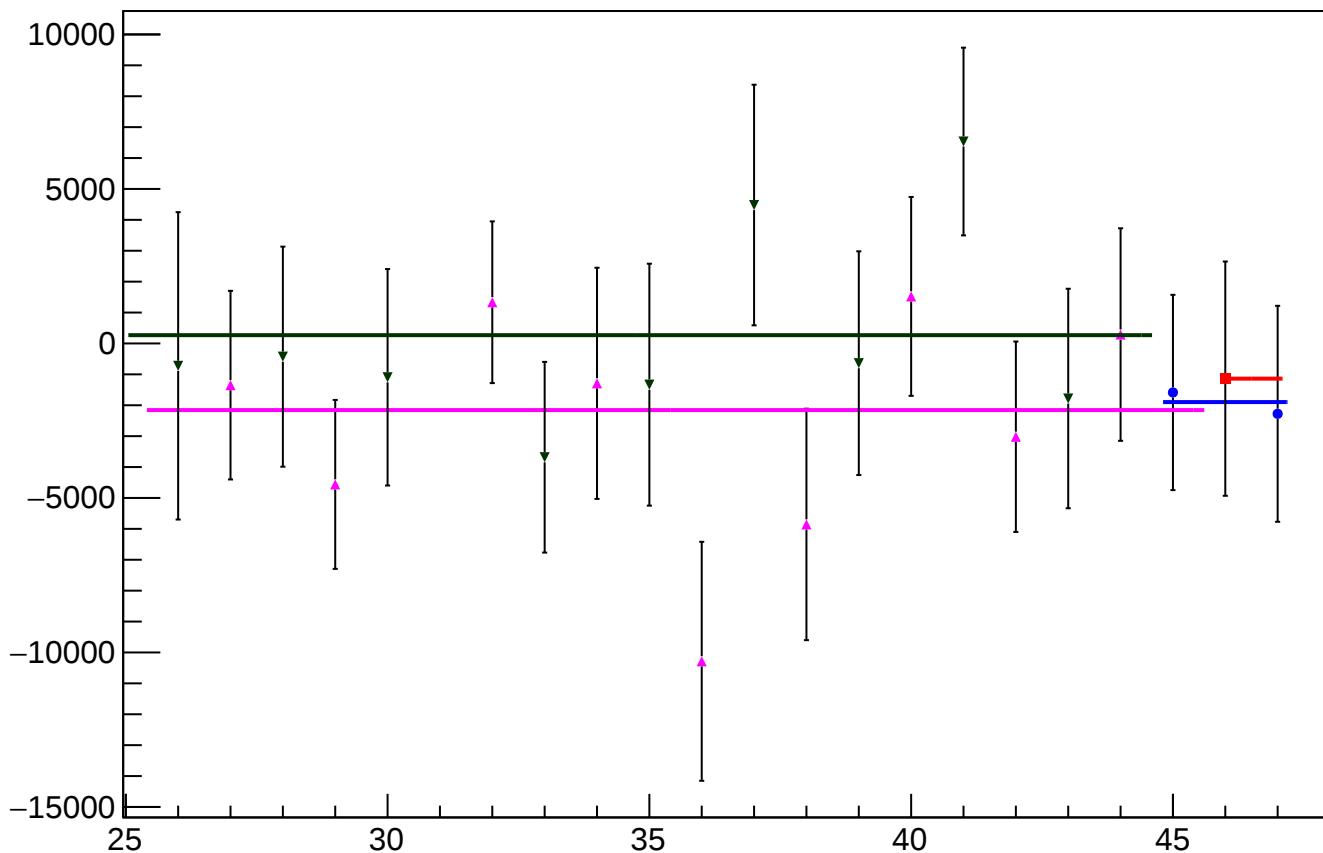
Right Out: 215.484 $\pm$ 0.235 χ^2/NDF : 0.0/0

Left In: 204.496 $\pm$ 0.064 χ^2/NDF : 504865.3/8

206.838 $\pm$ 0.062 χ^2/NDF : 685153.3/10

205.249 $\pm$ 0.061 χ^2/NDF : 506909.7/9

asym_sam_26_avg_mean vs slug



Right In: -1897.115+/-2343.838 χ^2 /NDF: 0.0/1

Left Out: 267.989+/-1194.389 χ^2 /NDF:7.9/8

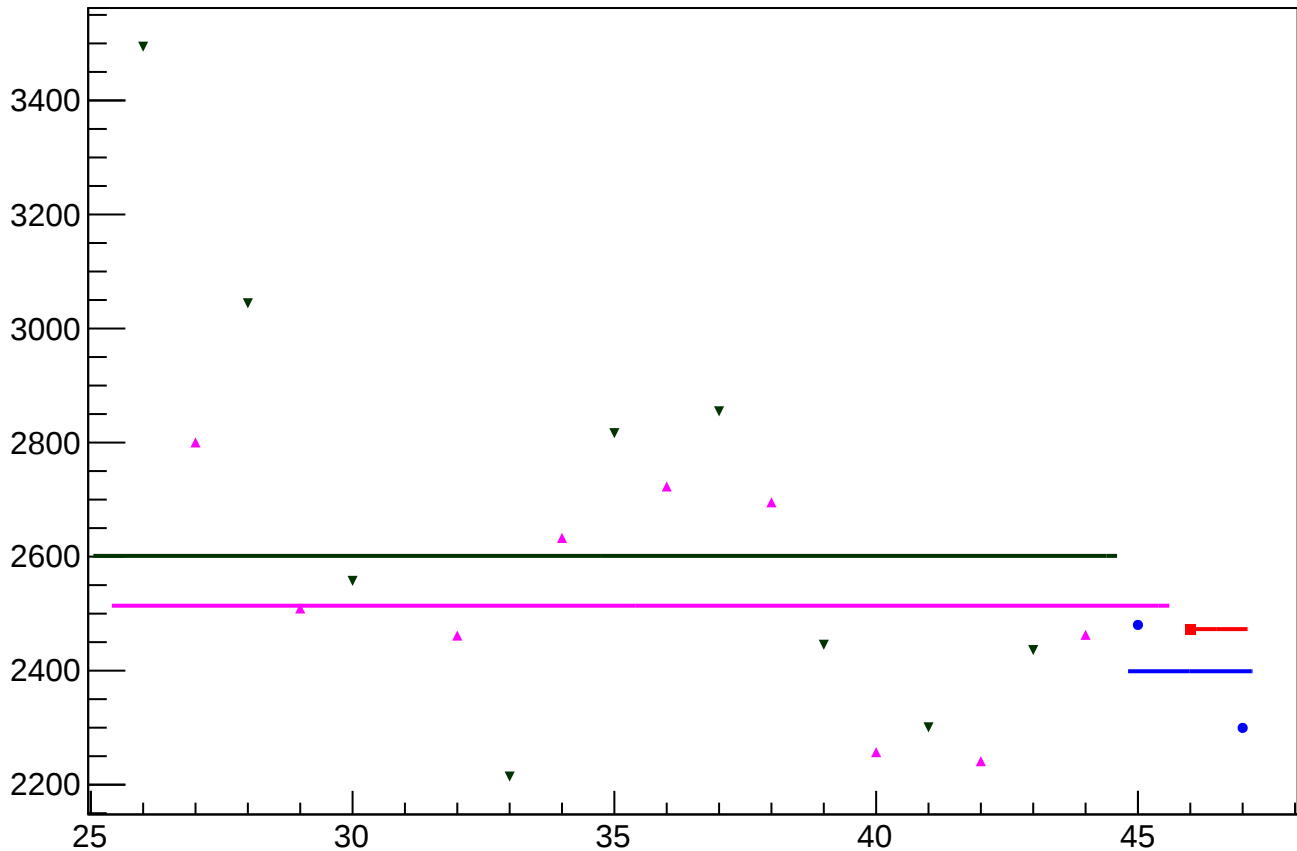
Right Out: -1138.843+/-3790.798 χ^2 /NDF: 0.0/0

Left In: -2156.296+/-1063.957 χ^2 /NDF:10.0/8

-178.340+/-1064.182 χ^2 /NDF: 8.6/10

-2081.999+/-1024.374 χ^2 /NDF: 10.0/9

asym_sam_26_avg_rms vs slug



Right In: 2398.964+/-1.657 χ^2/NDF : 2939.2/1

Left Out: 2601.288+/-0.845 χ^2/NDF :169348.6/8

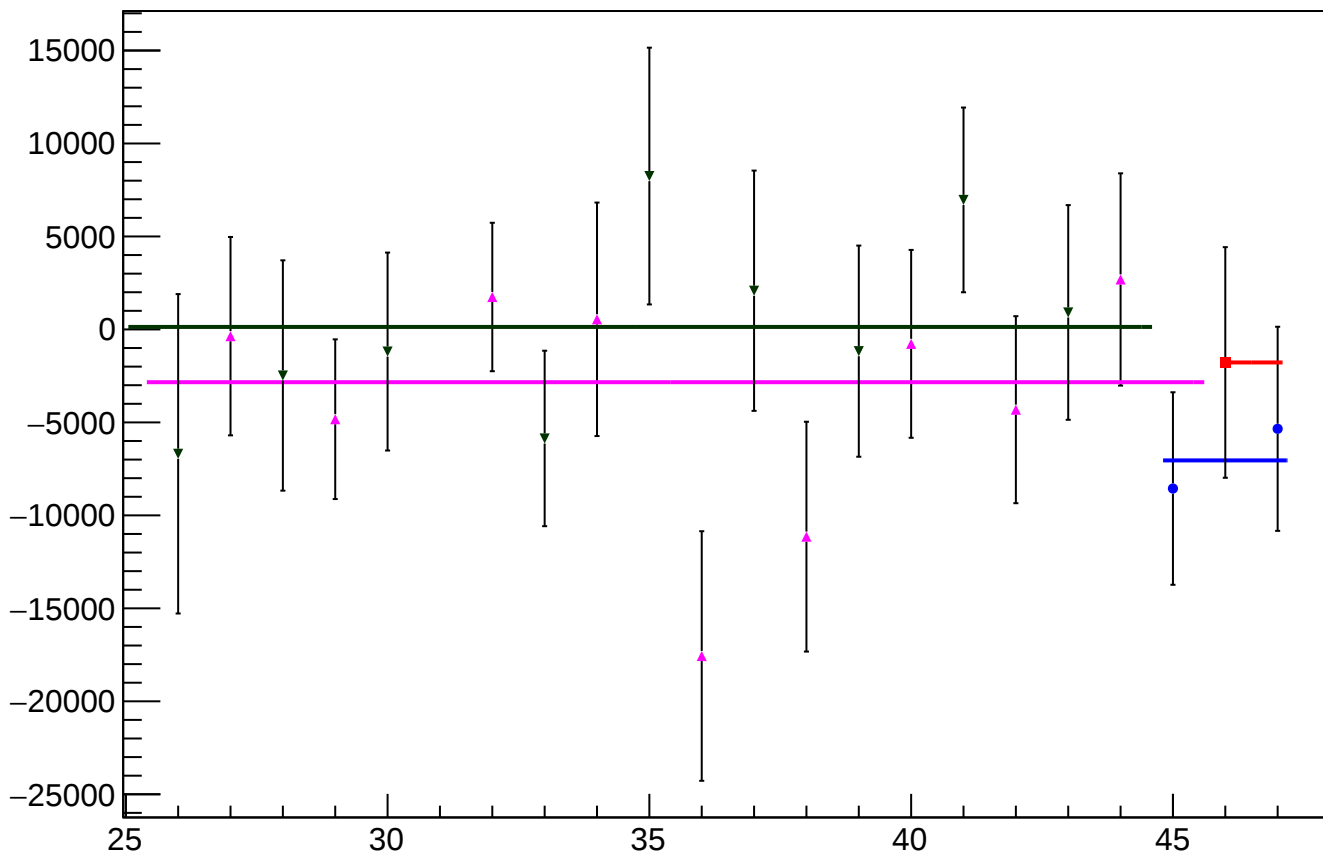
Right Out: 2472.887+/-2.680 χ^2/NDF : 0.0/0

Left In: 2513.941+/-0.752 χ^2/NDF :59816.2/8

2559.580+/-0.752 χ^2/NDF : 184118.6/10

2510.943+/-0.724 χ^2/NDF : 60033.6/9

asym_sam_37_avg_mean vs slug



Right In: -7044.200+/-3766.224 χ^2/NDF : 0.2/1

Left Out: 134.076+/-1937.759 χ^2/NDF : 5.9/8

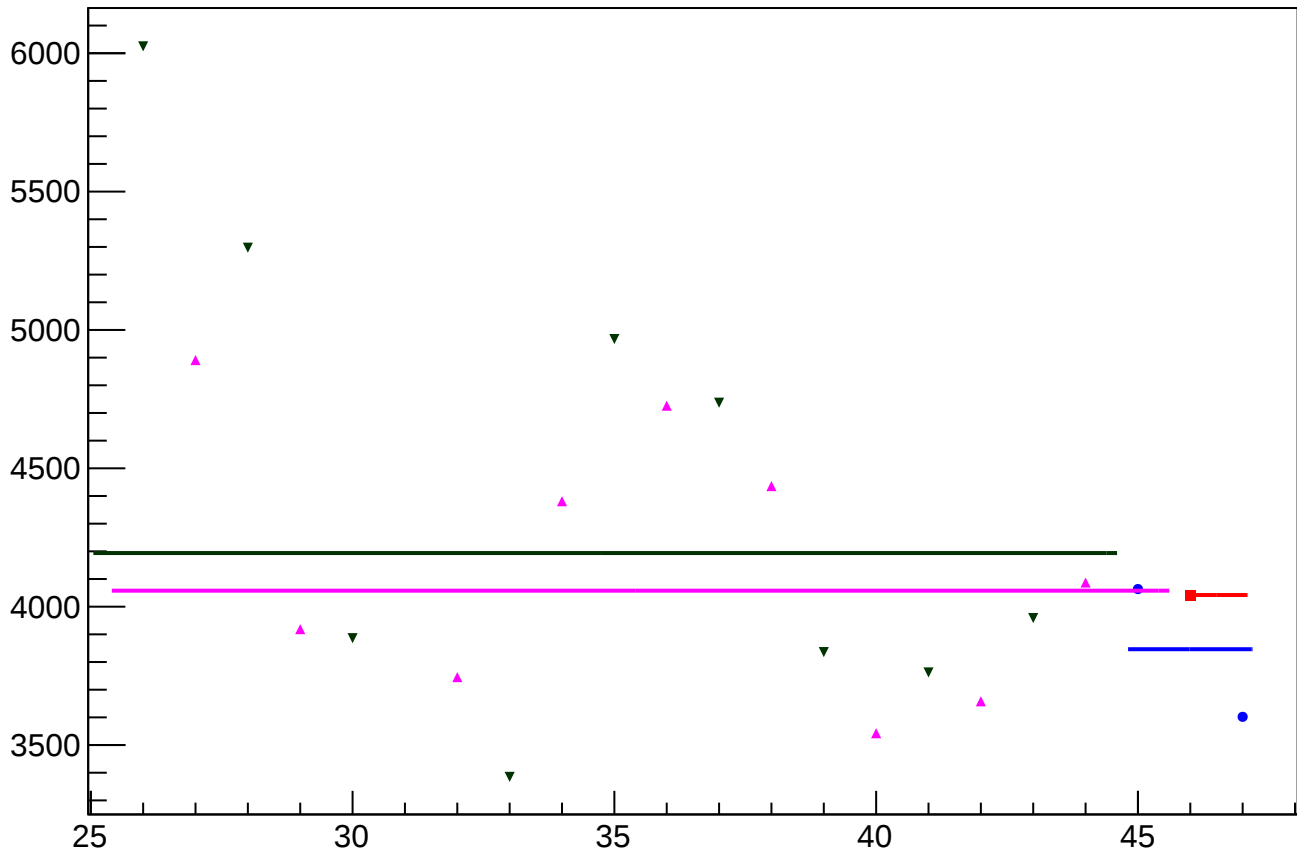
Right Out: -1776.595+/-6201.580 χ^2/NDF : 0.0/0

Left In: -2838.252+/-1727.002 χ^2/NDF : 9.8/8

-1368.418+/-1723.068 χ^2/NDF : 9.0/10

-2761.846+/-1663.697 χ^2/NDF : 9.9/9

asym_sam_37_avg_rms vs slug



Right In: 3846.300+/-2.663 χ^2/NDF : 7488.9/1

Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

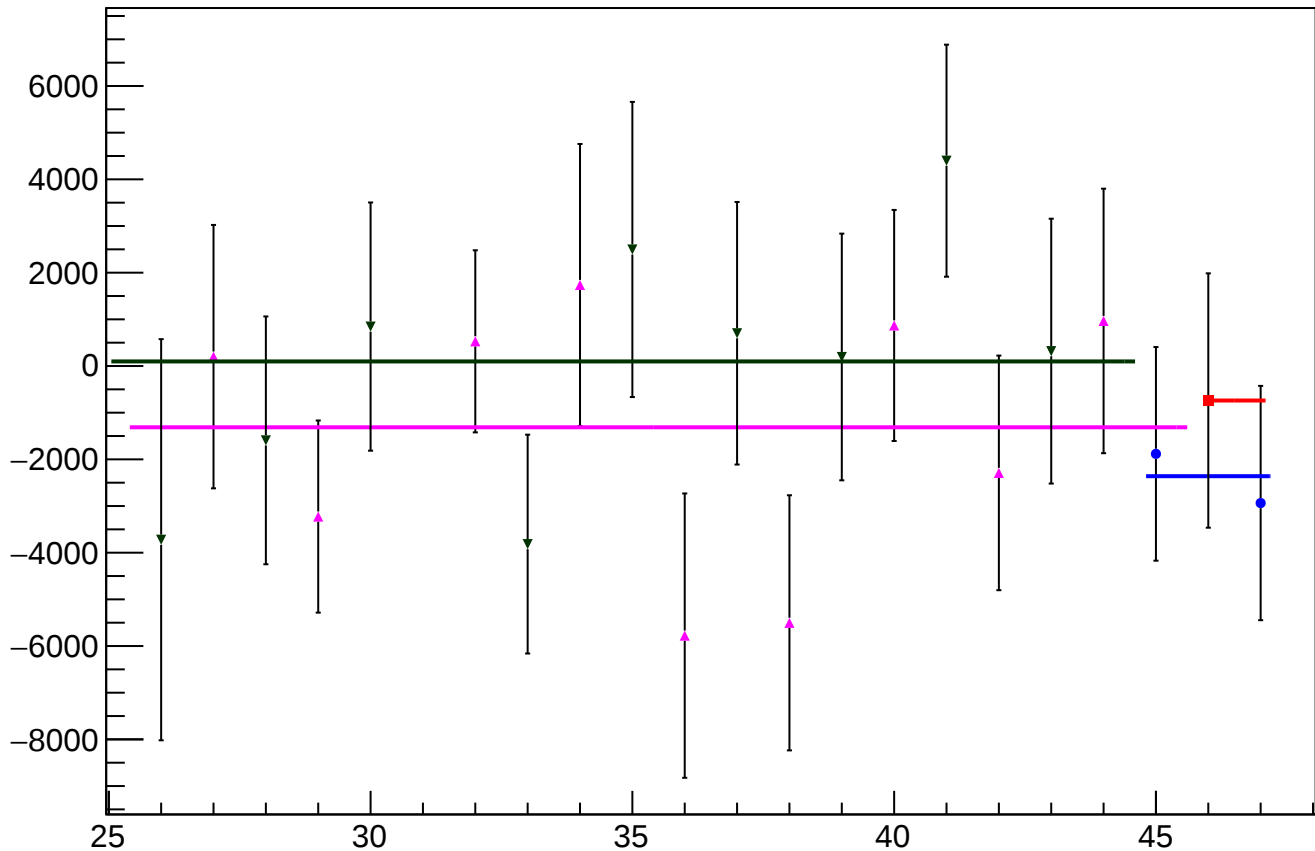
4121.084+/-1.218 χ^2/NDF : 306354.6/10

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: -2360.861 $\pm$ 1691.310 χ^2 /NDF: 0.1/1

Left Out: 98.183 $\pm$ 922.560 χ^2 /NDF: 7.7/8

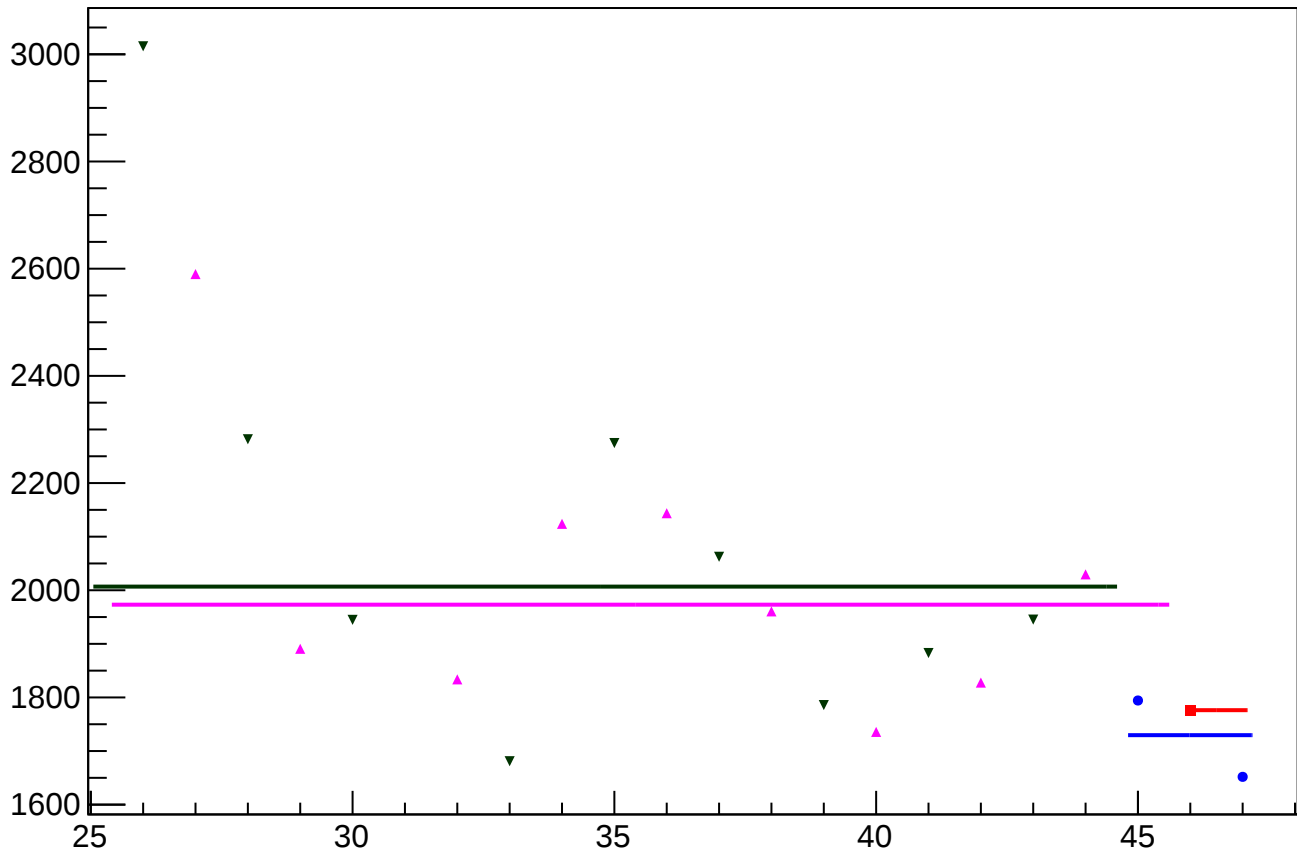
Right Out: -739.306 $\pm$ 2725.204 χ^2 /NDF: 0.0/0

Left In: -1313.019 $\pm$ 838.748 χ^2 /NDF: 9.1/8

-465.700 $\pm$ 809.906 χ^2 /NDF: 9.4/10

-1263.376 $\pm$ 801.639 χ^2 /NDF: 9.2/9

asym_sam_48_avg_rms vs slug



Right In: 1729.620+/-1.196 χ^2/NDF : 3516.7/1

Left Out: 2006.811+/-0.652 χ^2/NDF : 206242.3/8

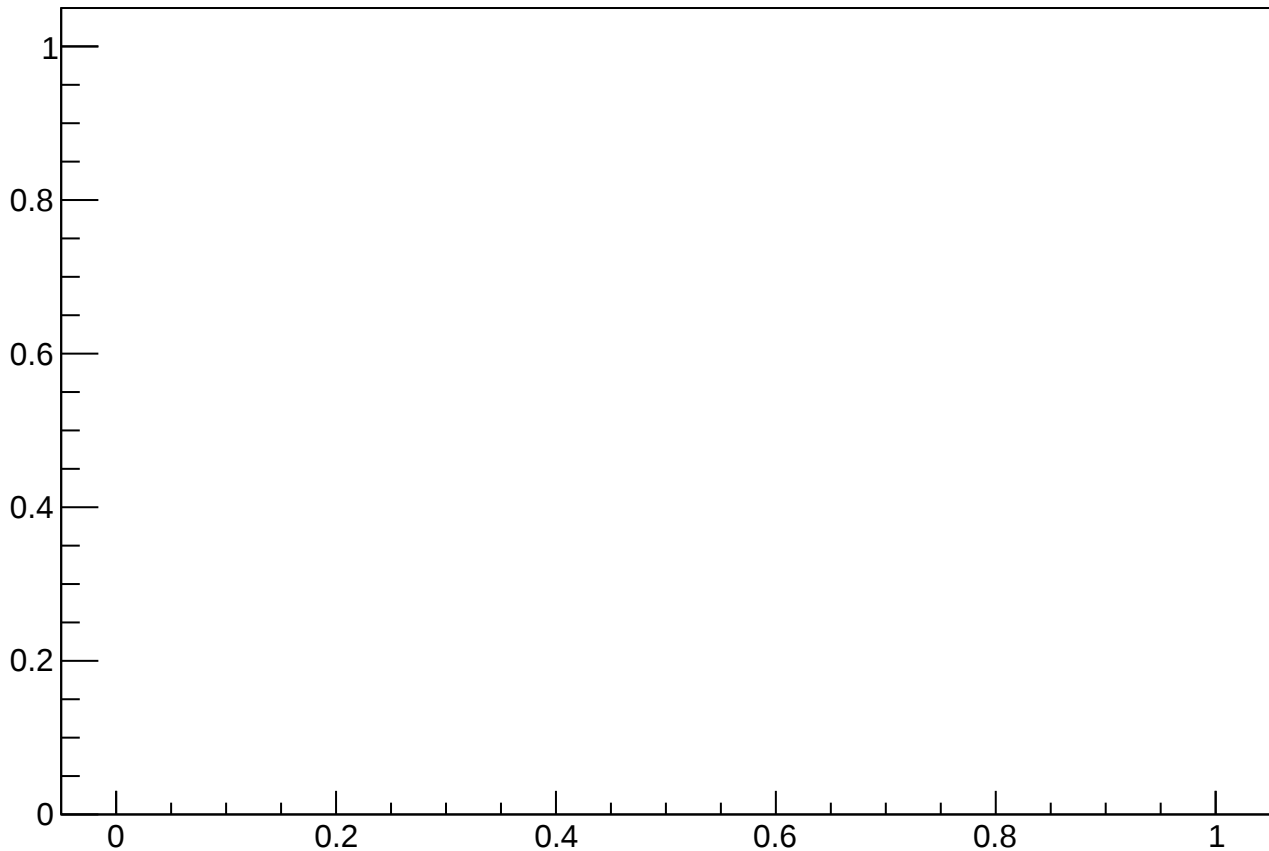
Right Out: 1776.242+/-1.927 χ^2/NDF : 0.0/0

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

1943.248+/-0.573 χ^2/NDF : 251161.0/10

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

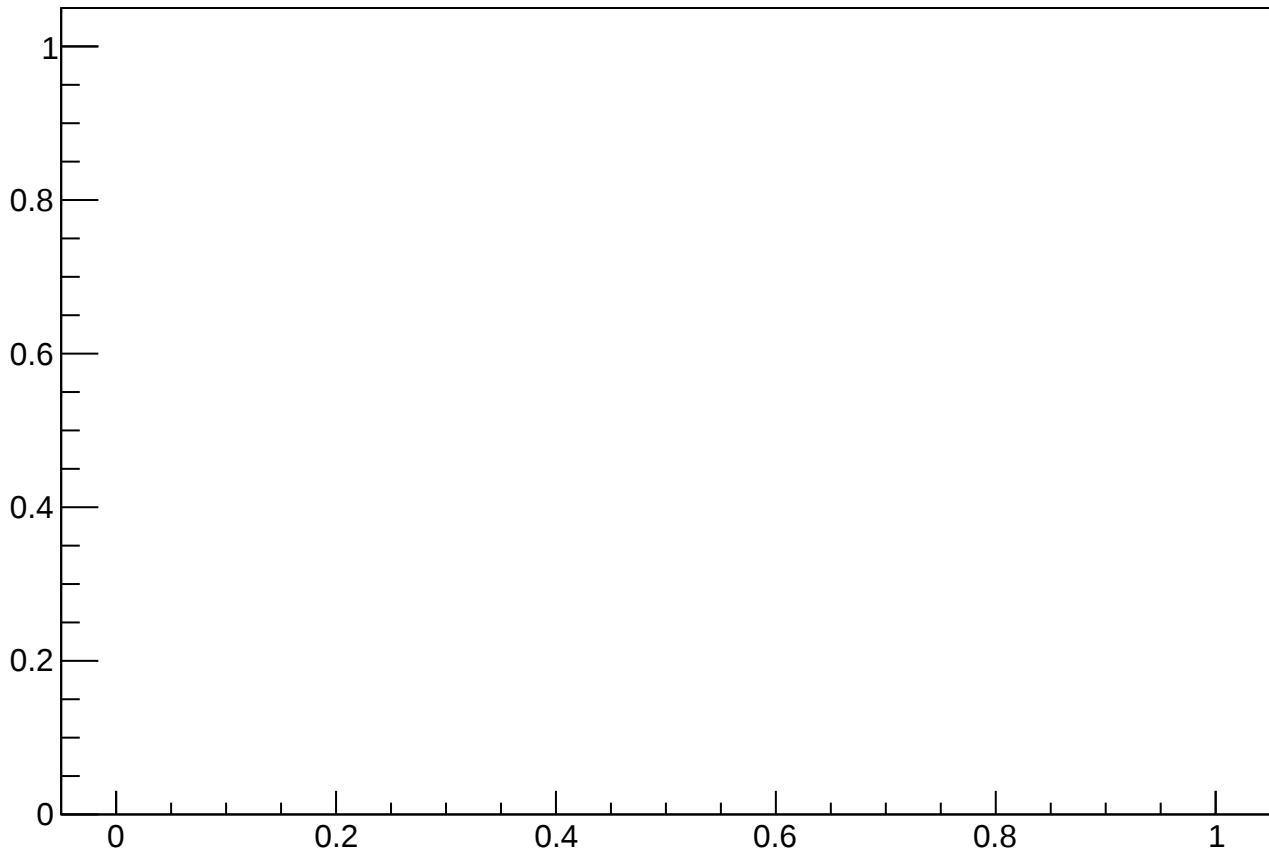
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

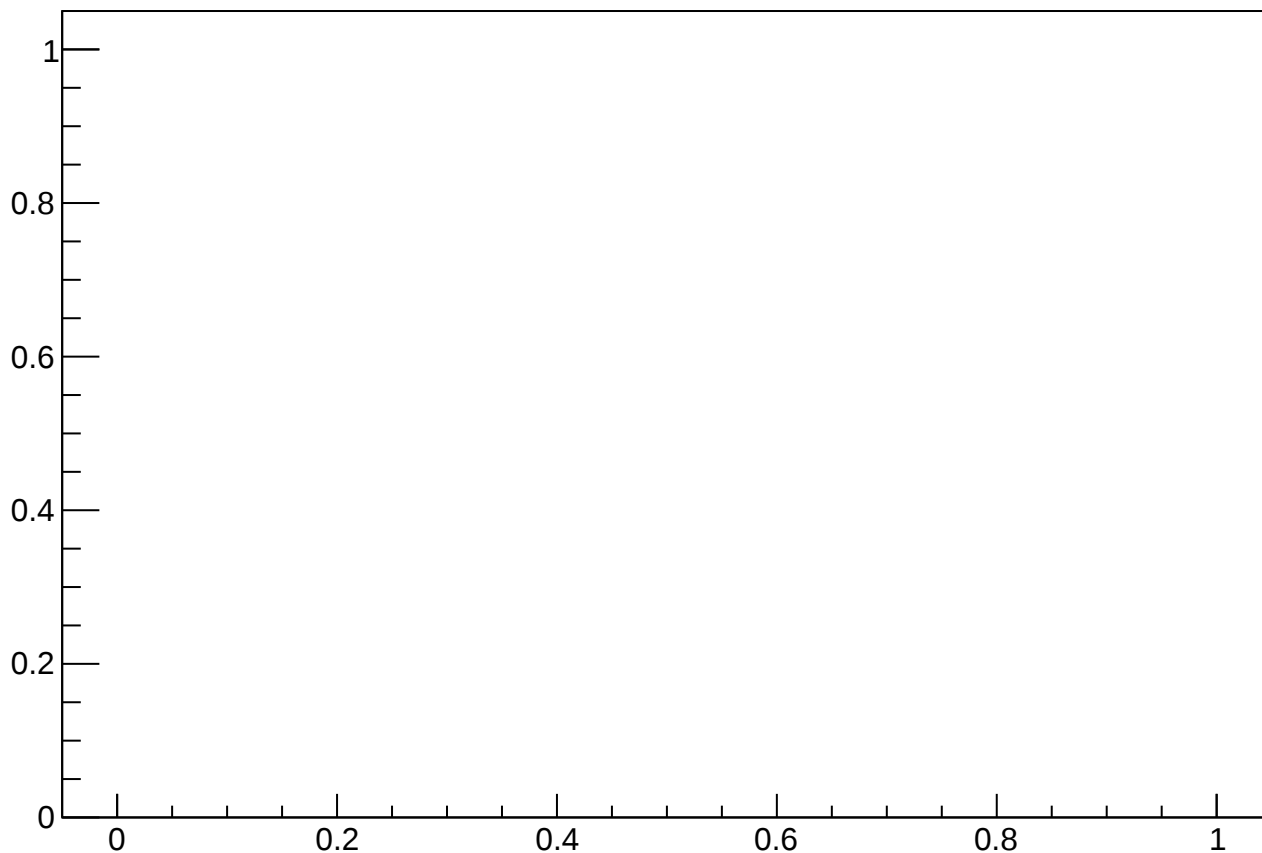
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

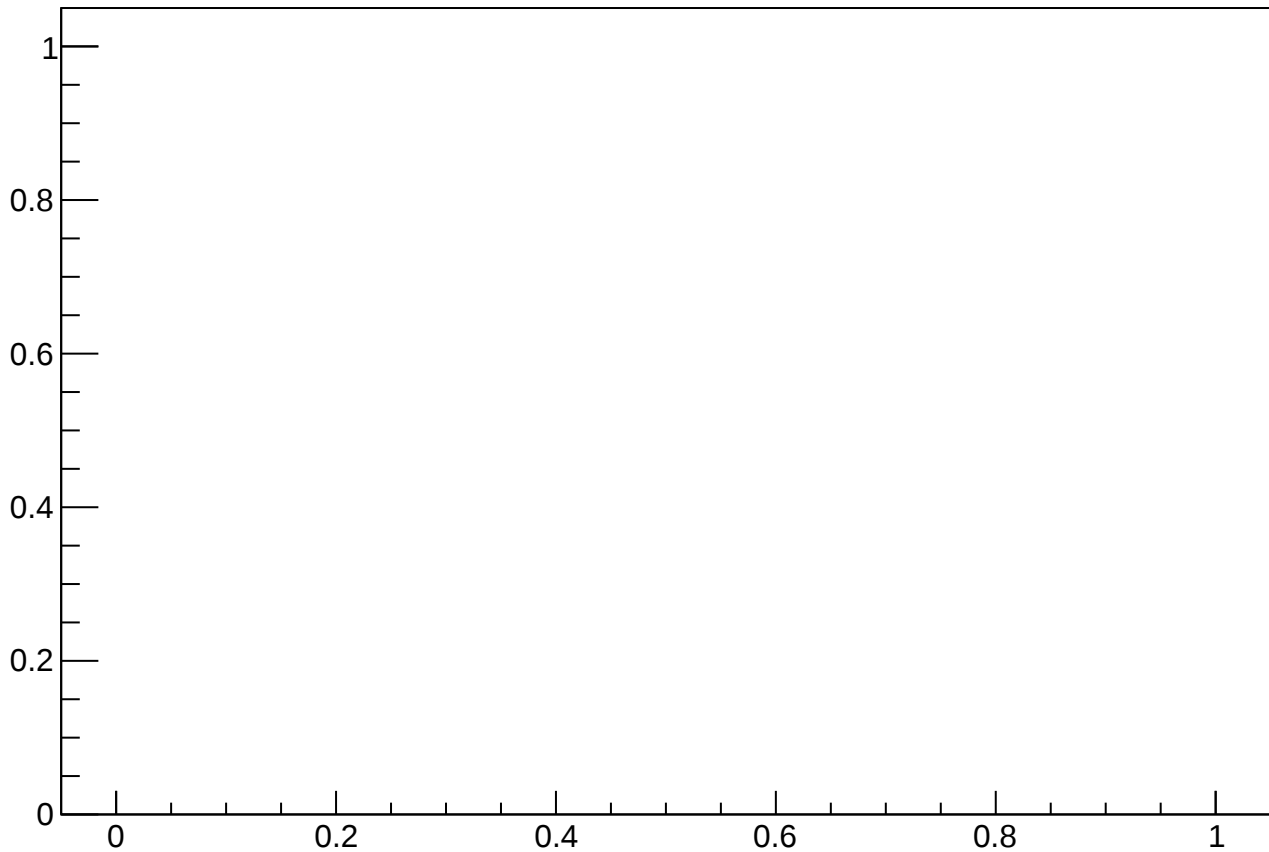
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

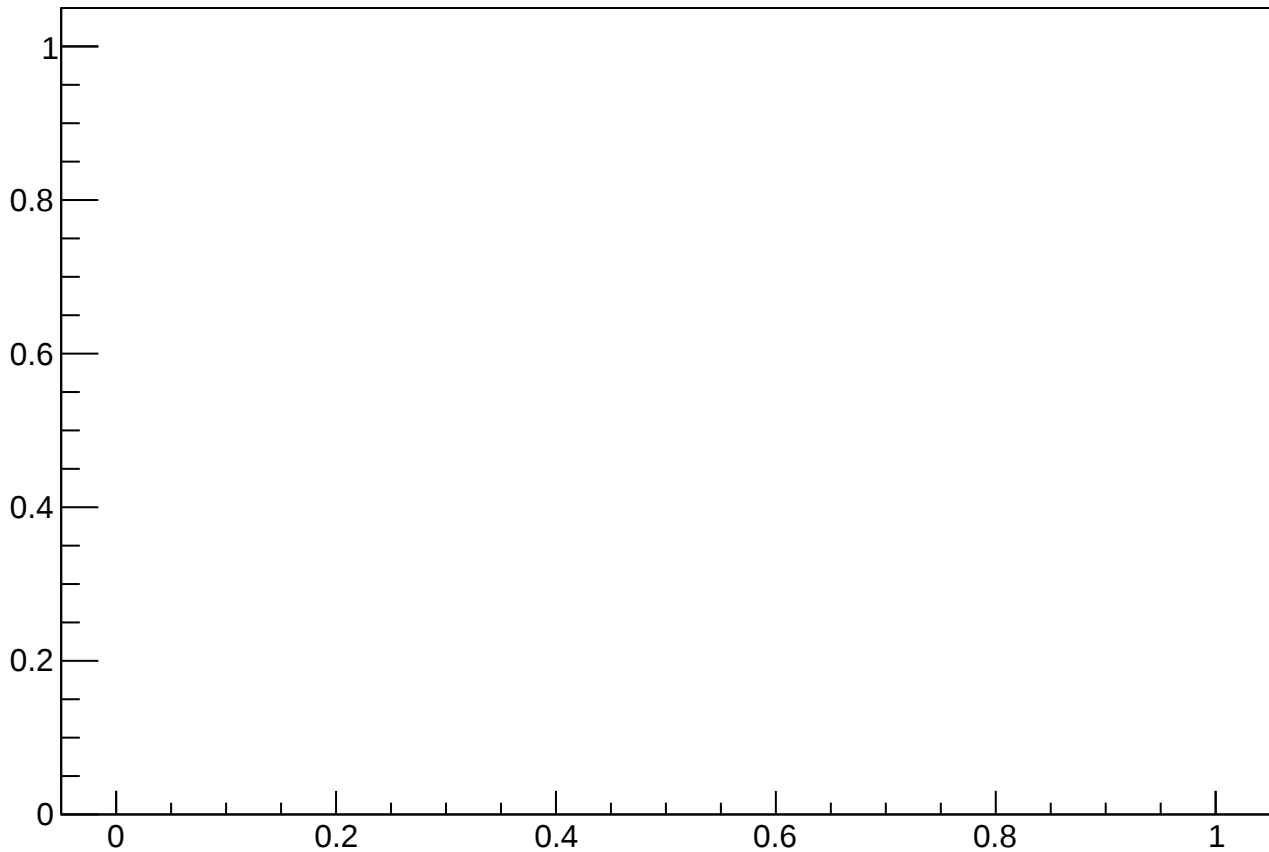
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

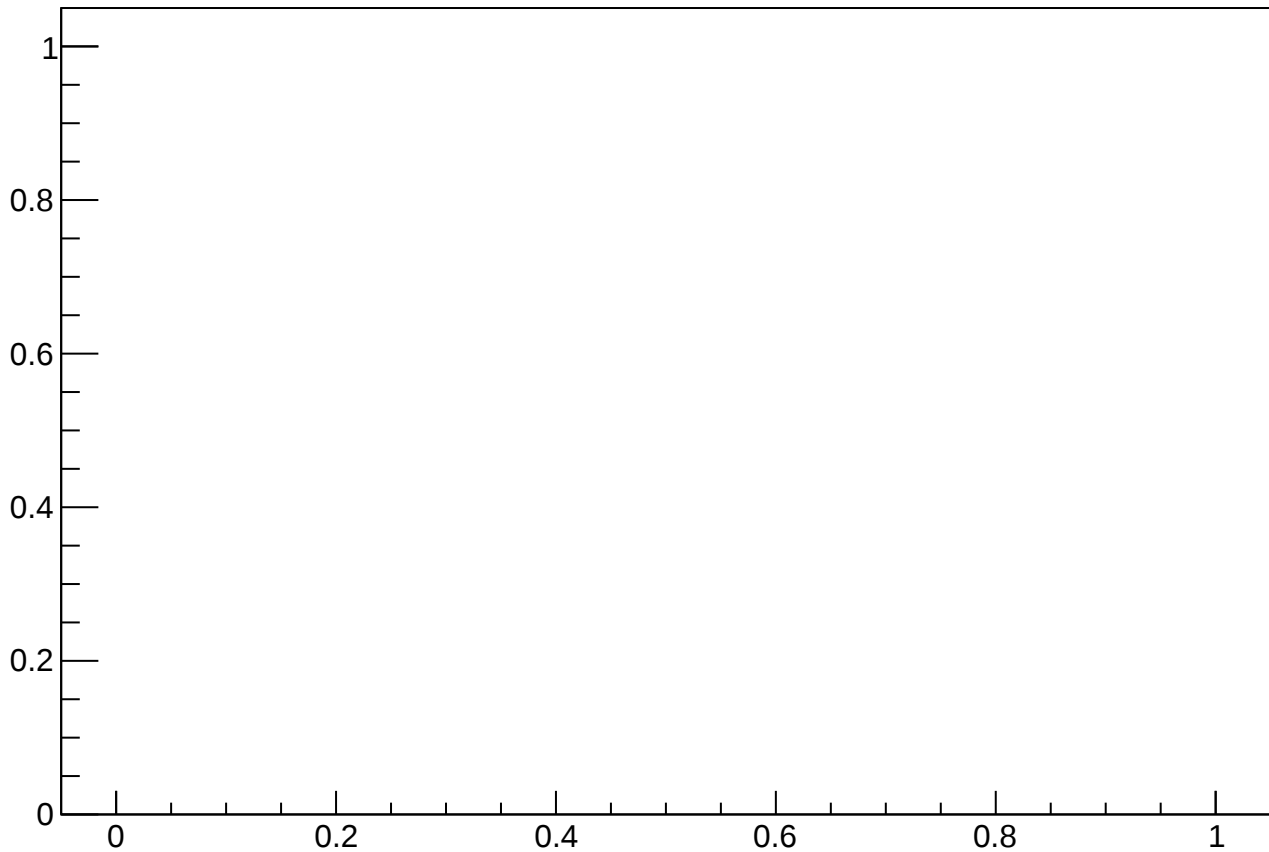
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

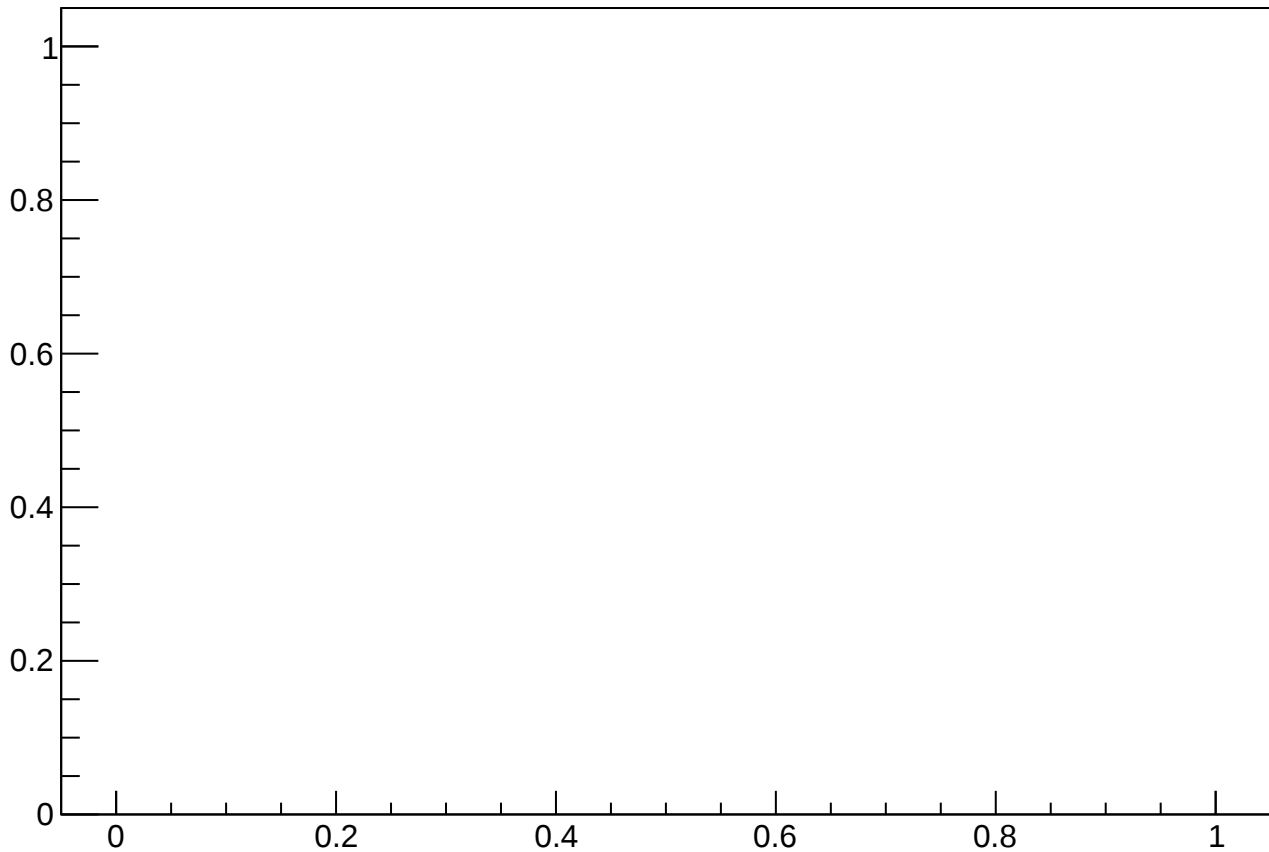
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

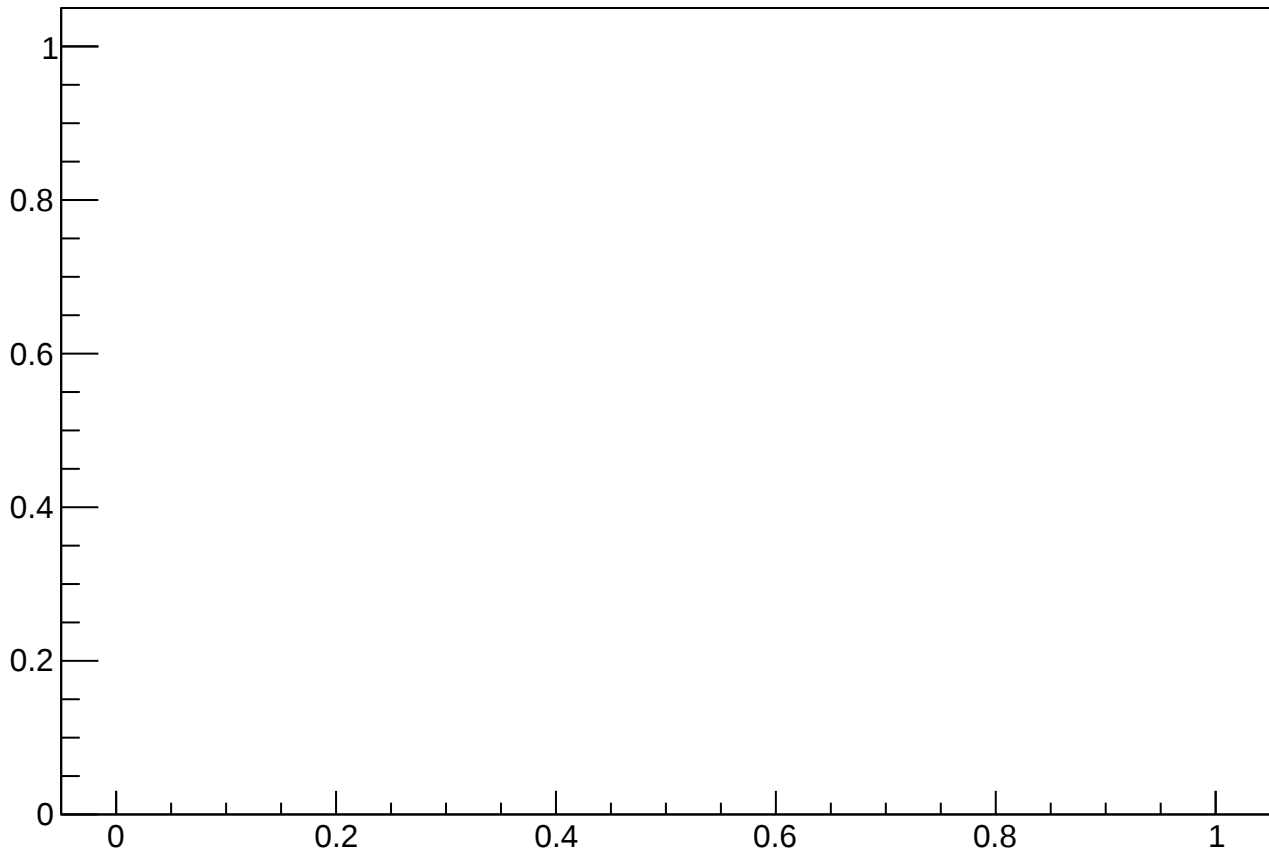
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

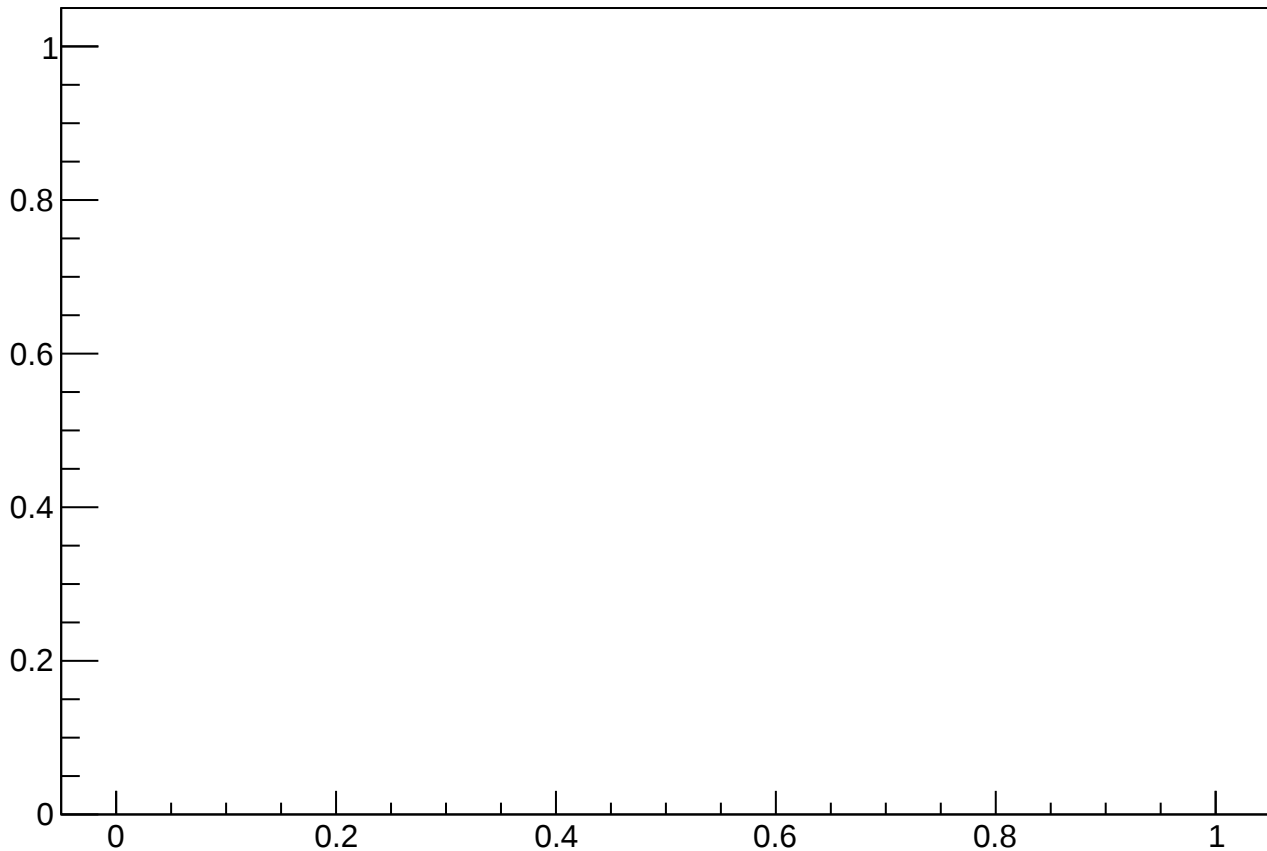
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

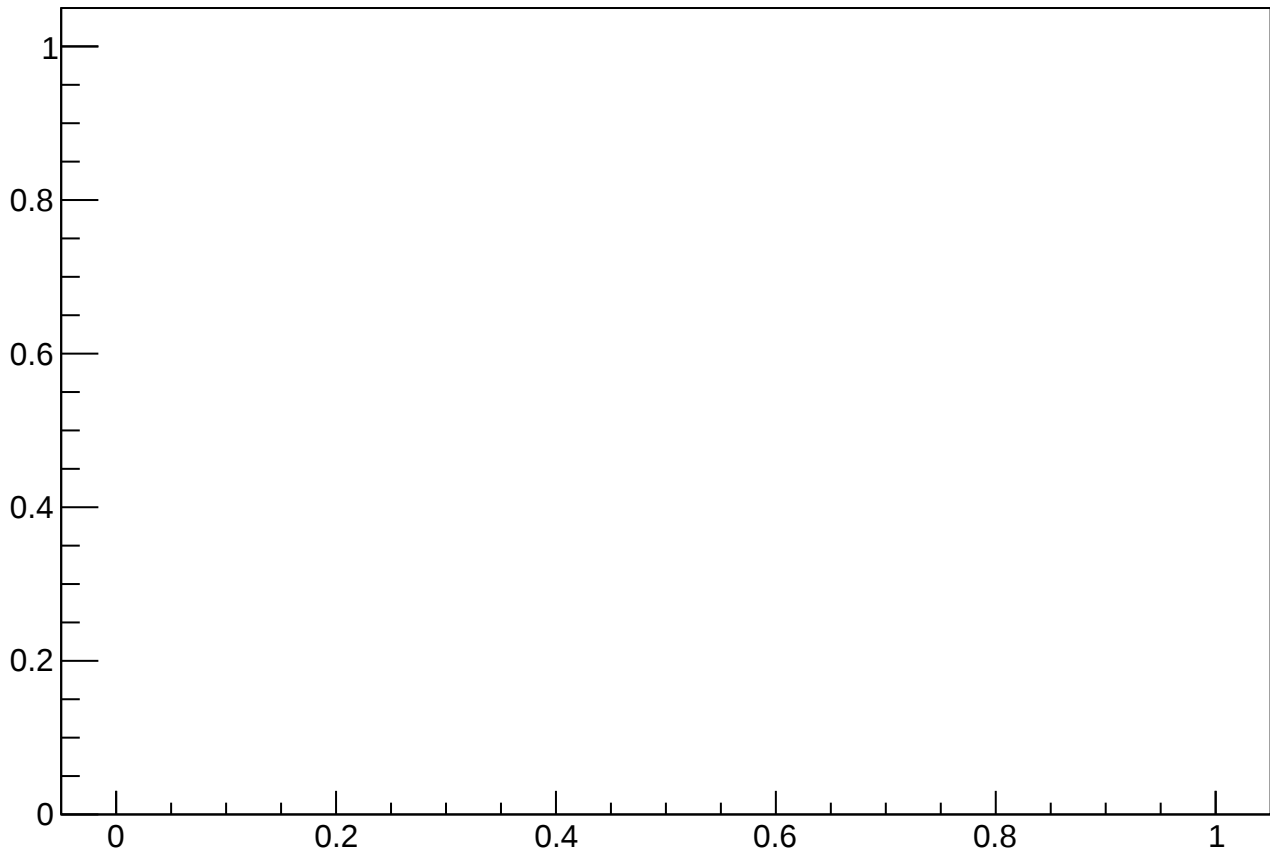
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

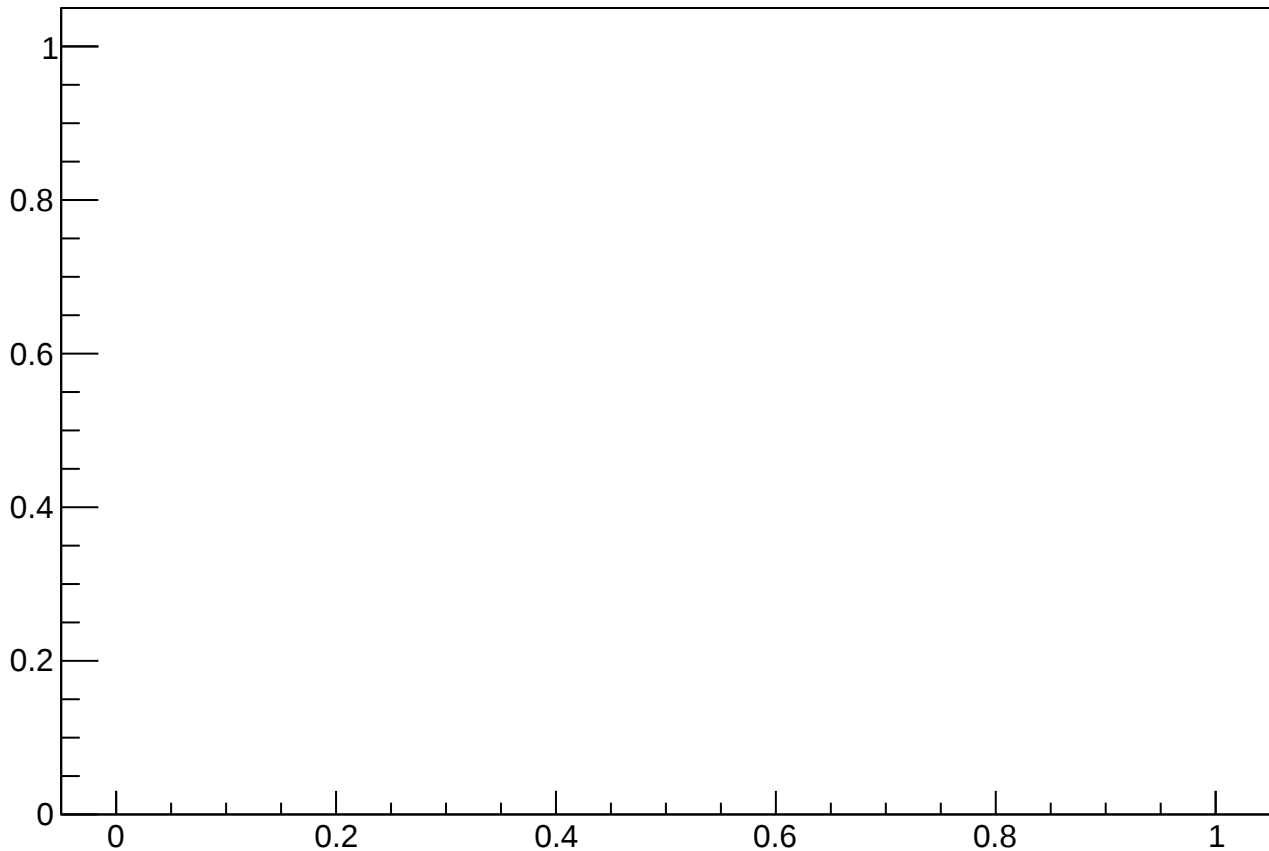
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

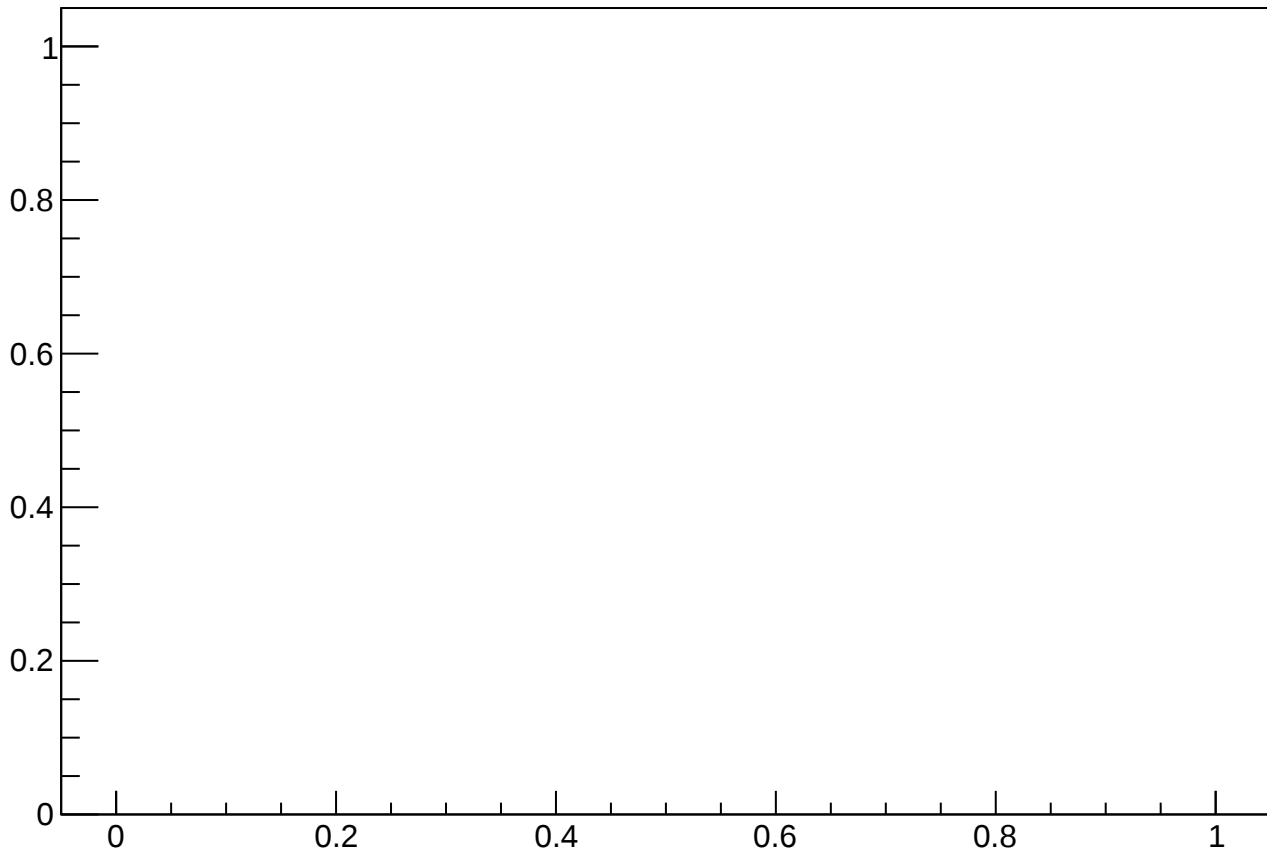
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

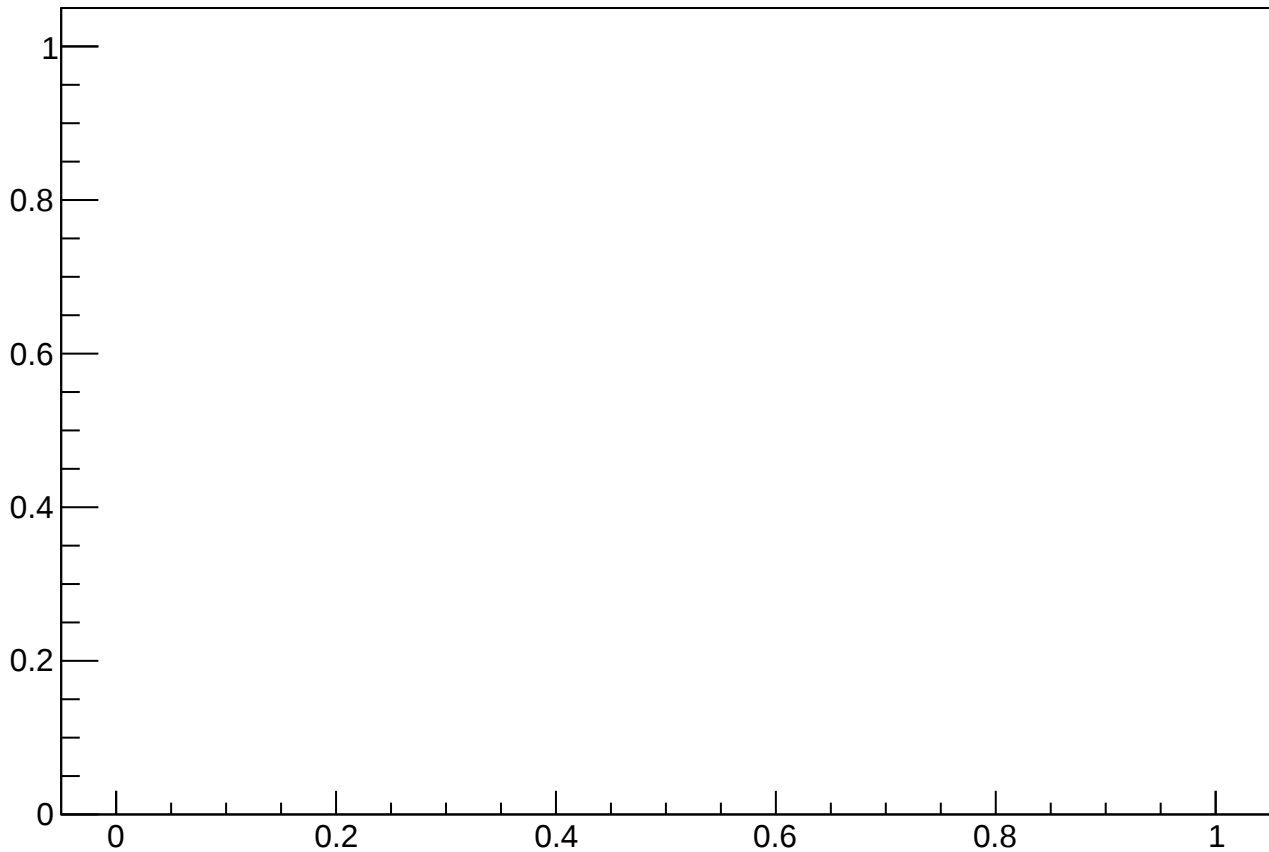
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

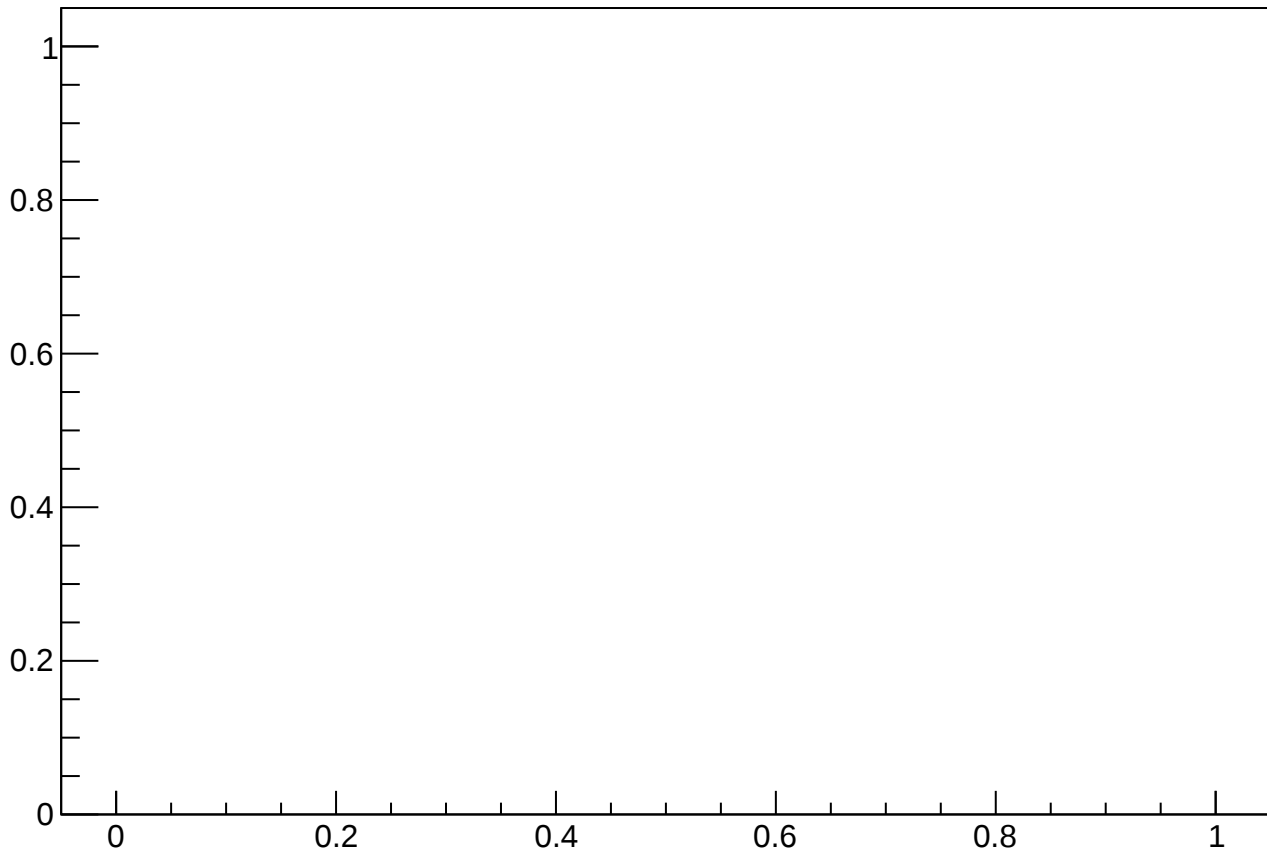
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_37_avg_rms vs slug



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

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

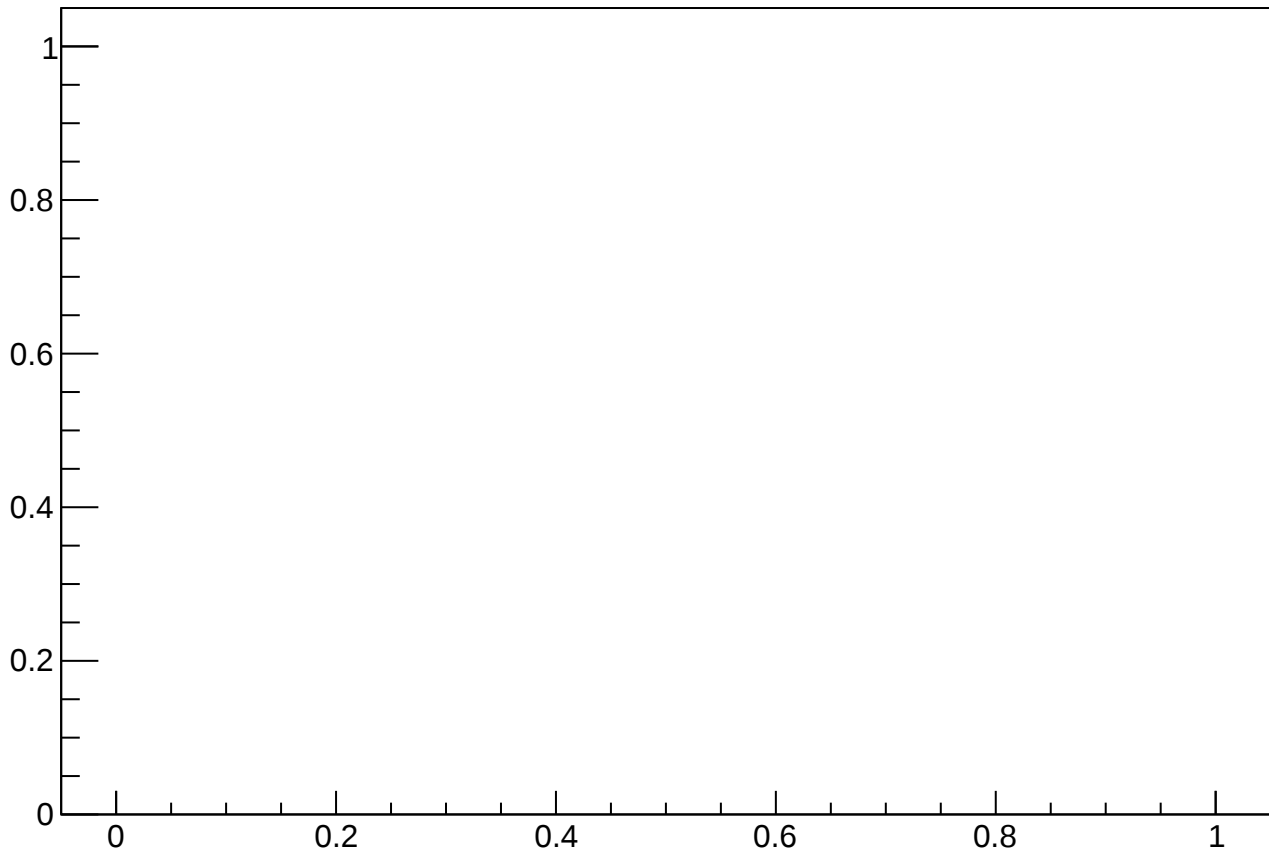
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

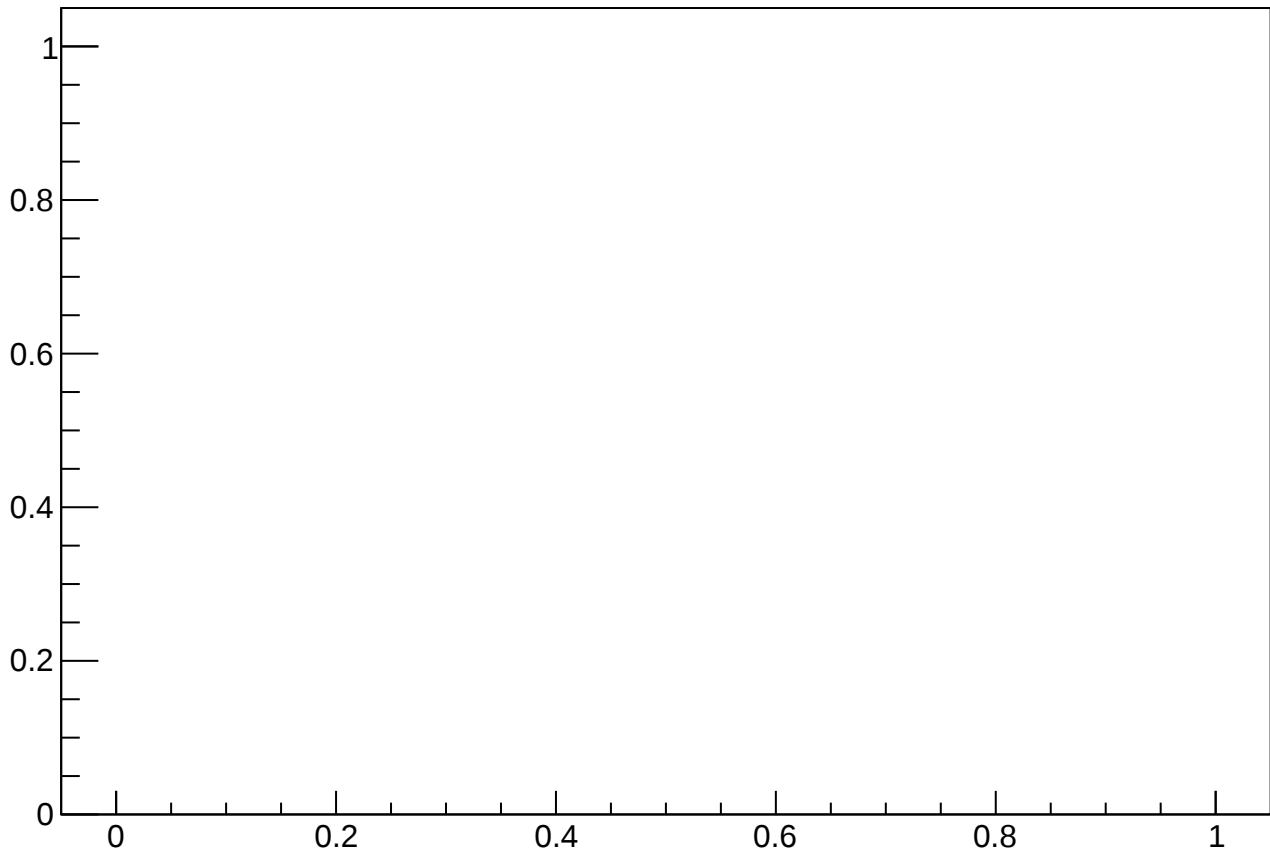
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

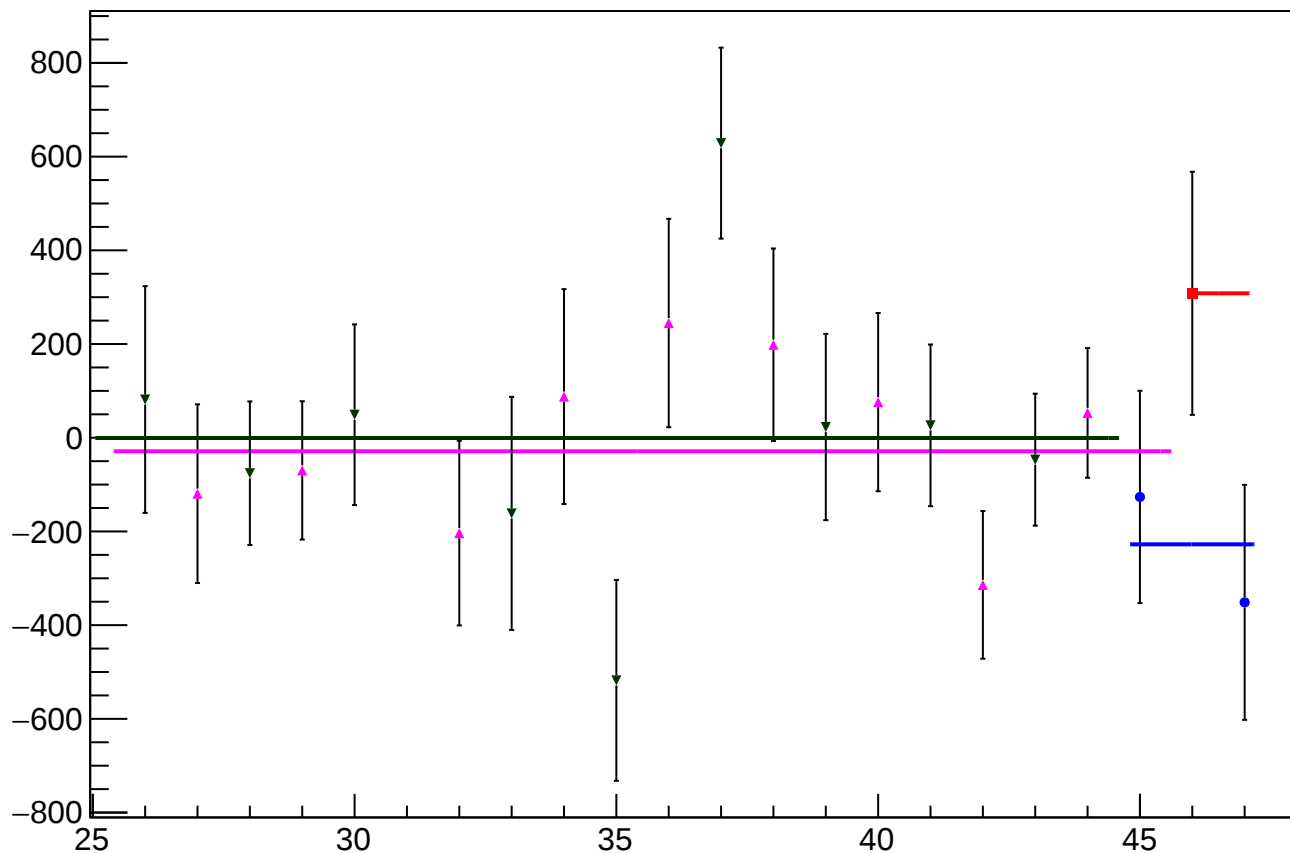
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -227.516+/-168.136 χ^2/NDF : 0.4/1

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

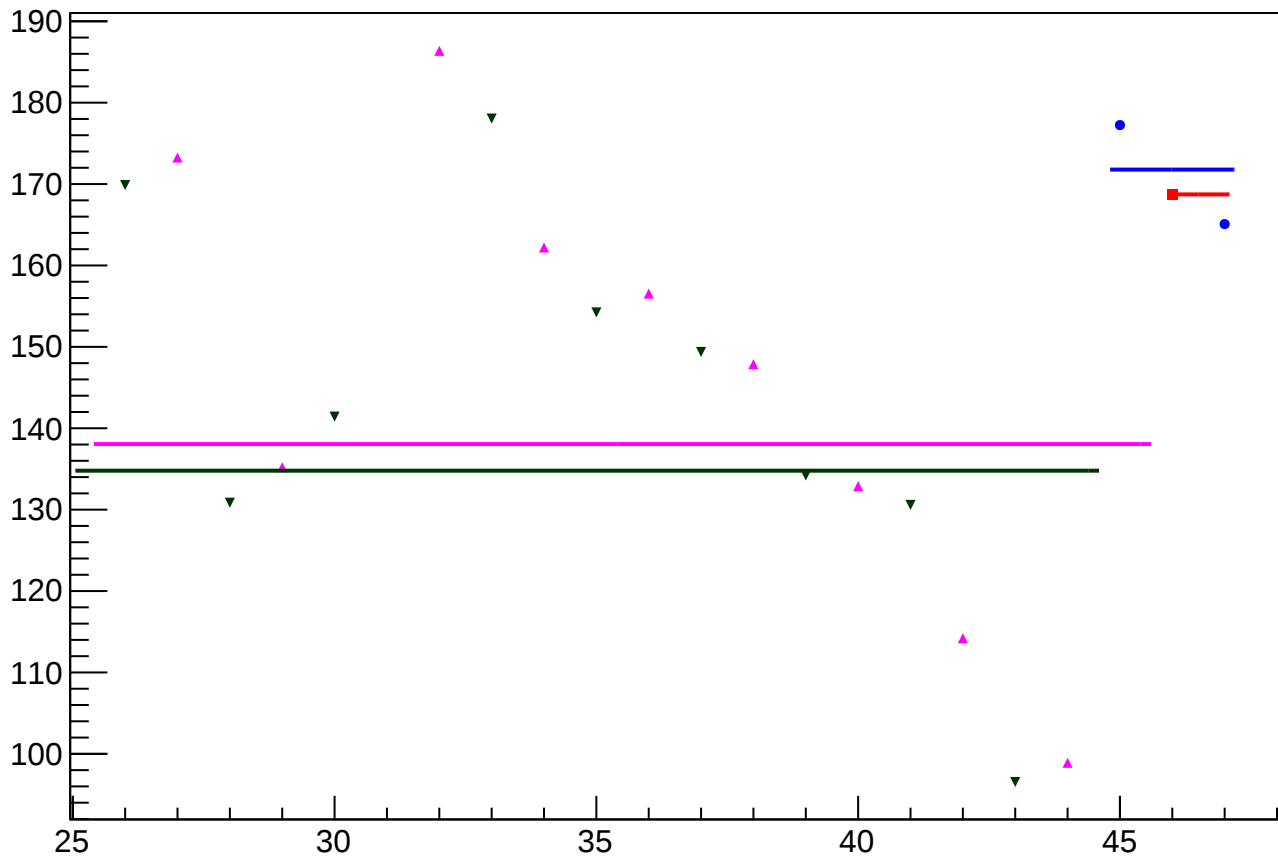
Right Out: 308.254+/-259.482 χ^2/NDF : 0.0/0

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

-27.928+/-58.397 χ^2/NDF : 18.4/10

-12.124+/-58.029 χ^2/NDF : 9.6/9

reg_asym_sam_15_avg_rms vs slug



Right In: 171.779+/-0.119 χ^2/NDF : 2590.5/1

Left Out: 134.788+/-0.044 χ^2/NDF : 281610.1/8

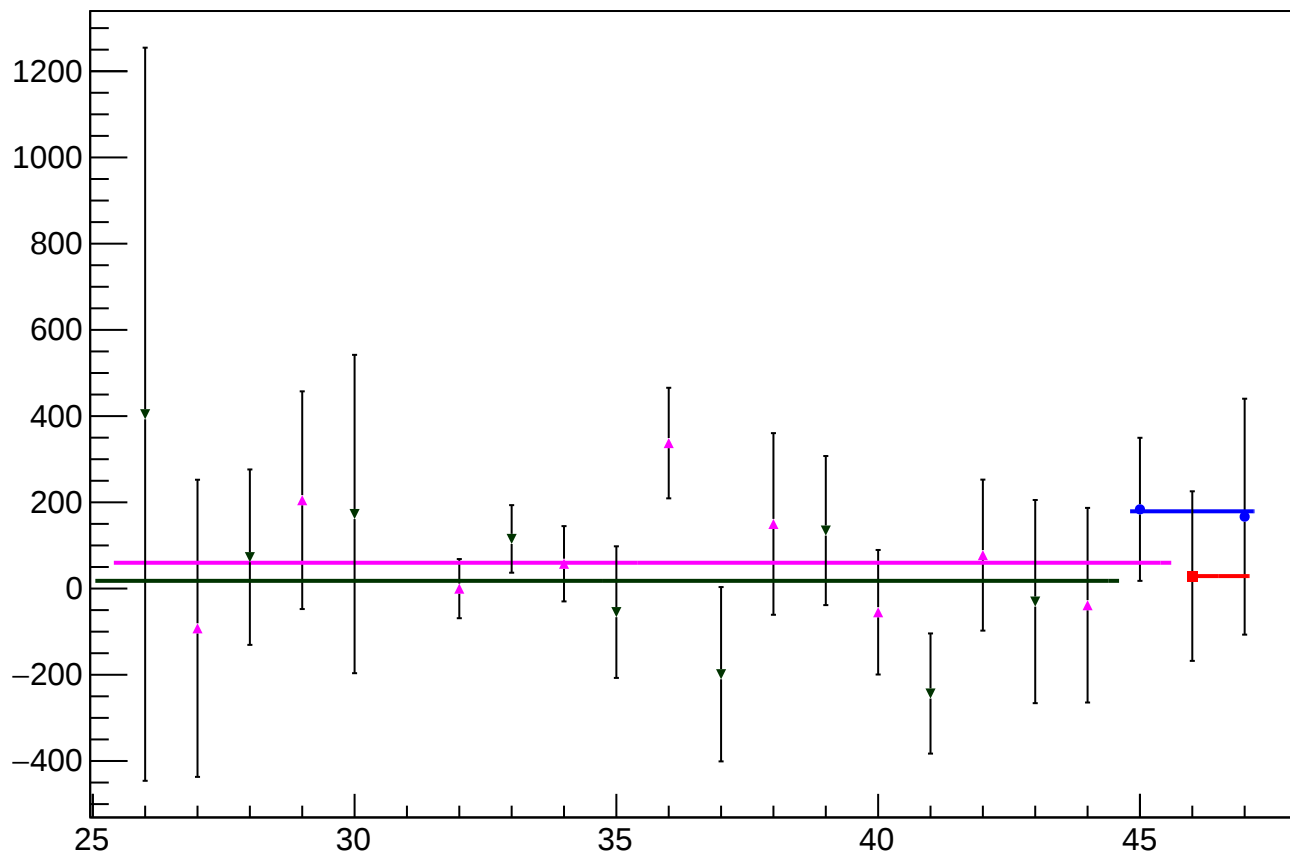
Right Out: 168.729+/-0.183 χ^2/NDF : 0.0/0

Left In: 138.057+/-0.042 χ^2/NDF : 437023.6/8

139.250+/-0.041 χ^2/NDF : 369326.7/10

139.591+/-0.041 χ^2/NDF : 463571.5/9

asym_sam_15_avg_correction_mean vs slug



Right In: 179.178+/-141.880 χ^2/NDF : 0.0/1

Left Out: 17.872+/-52.271 χ^2/NDF : 7.4/8

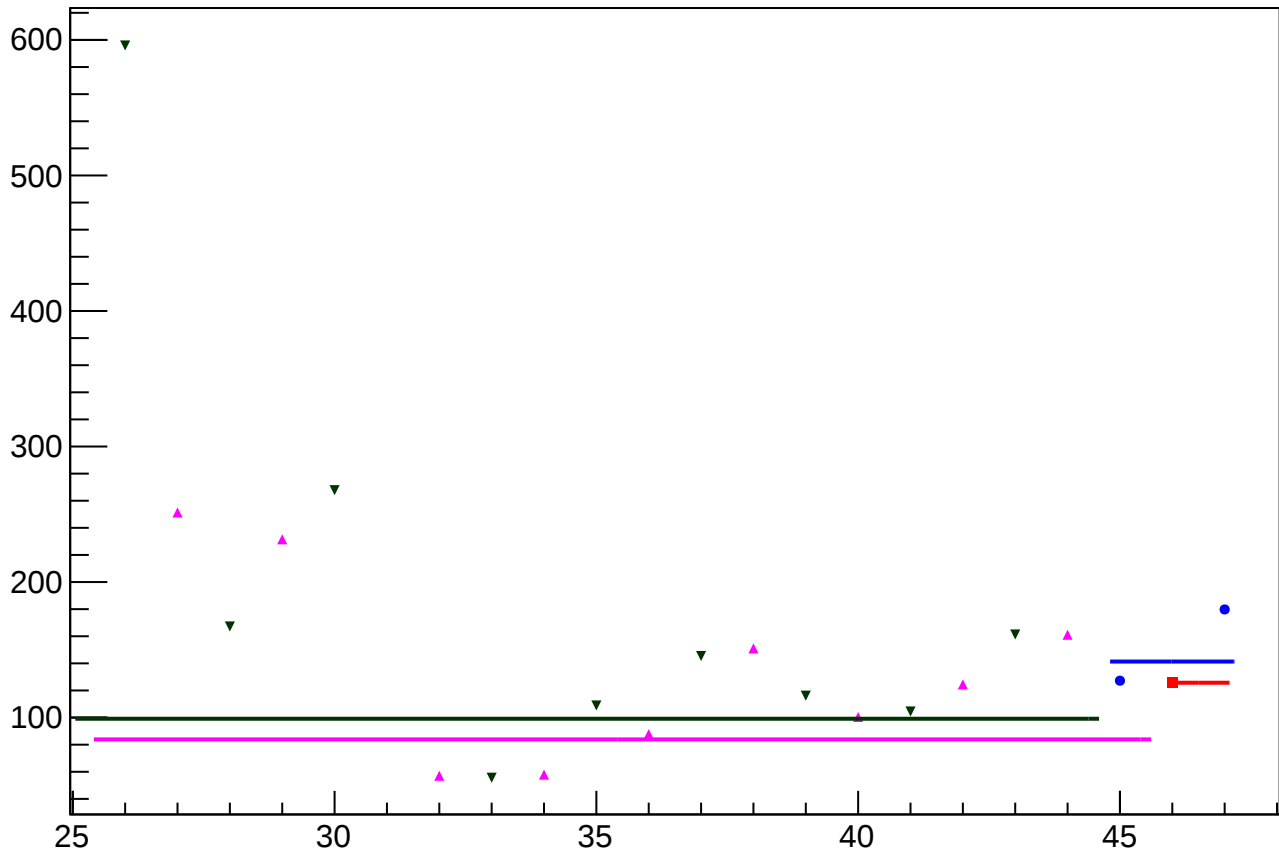
Right Out: 28.912+/-196.684 χ^2/NDF : 0.0/0

Left In: 59.828+/-42.594 χ^2/NDF : 7.0/8

37.149+/-49.048 χ^2/NDF : 8.5/10

58.443+/-41.629 χ^2/NDF : 7.0/9

asym_sam_15_avg_correction_rms vs slug



Right In: 141.348+/-0.100 χ^2/NDF : 53957.9/1

Left Out: 99.138+/-0.037 χ^2/NDF : 2215033.7/8

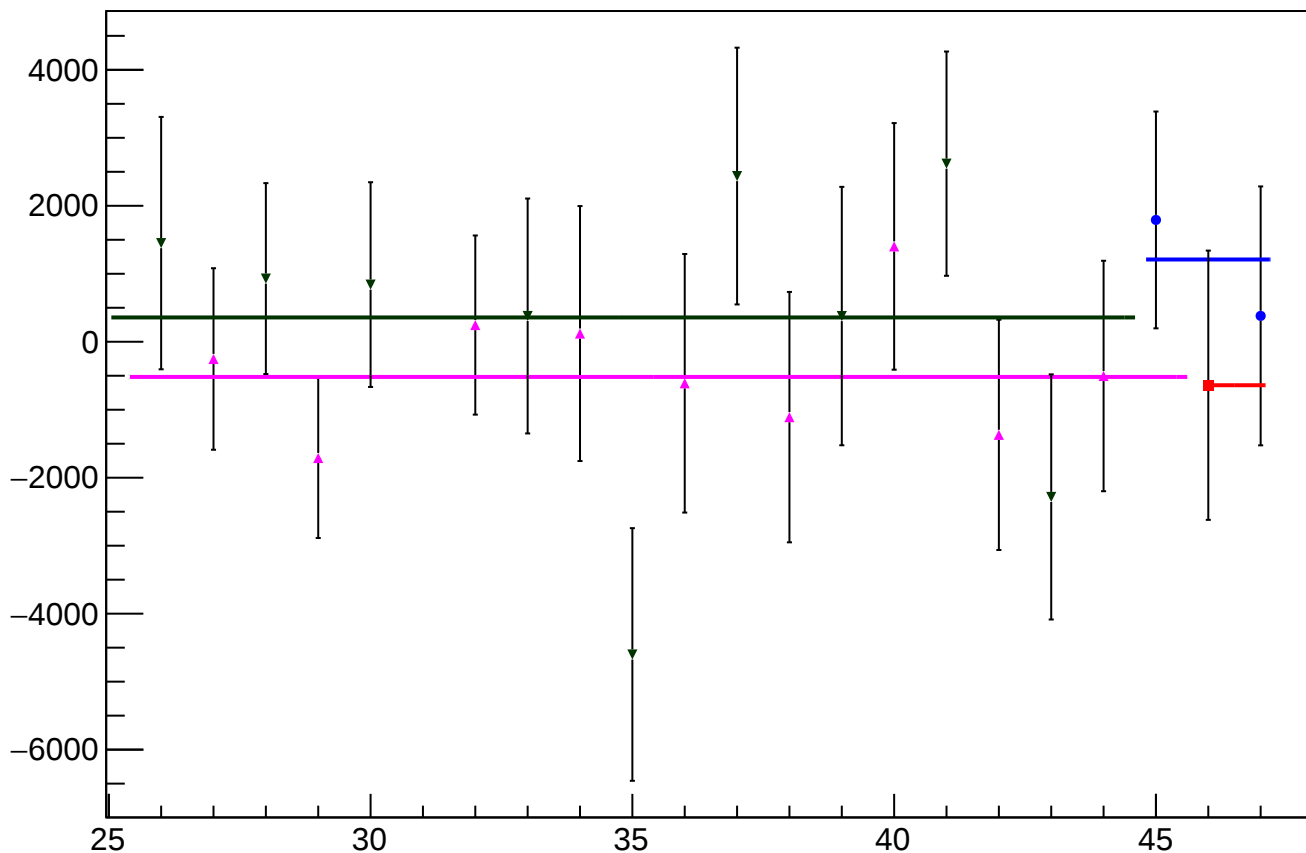
Right Out: 125.713+/-0.139 χ^2/NDF : 0.0/0

Left In: 83.913+/-0.030 χ^2/NDF : 2211357.4/8

104.182+/-0.035 χ^2/NDF : 2424855.4/10

85.785+/-0.029 χ^2/NDF : 2297646.1/9

reg_asym_sam_26_avg_mean vs slug



Right In: 1210.159+/-1222.601 χ^2/NDF : 0.3/1

Left Out: 357.559+/-568.392 χ^2/NDF : 13.0/8

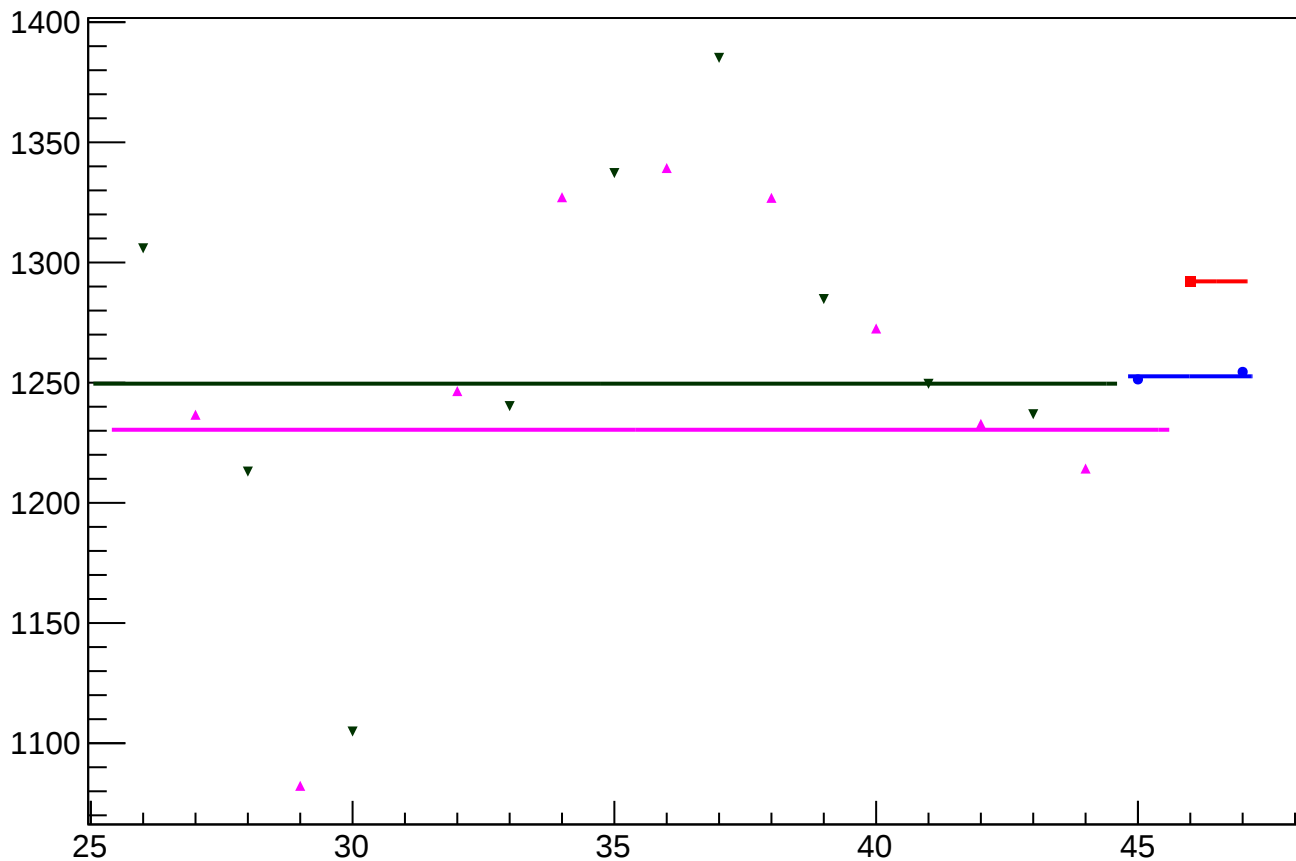
Right Out: -639.550+/-1980.474 χ^2/NDF : 0.0/0

Left In: -517.544+/-518.830 χ^2/NDF : 3.0/8

509.086+/-515.415 χ^2/NDF : 13.7/10

-525.379+/-501.893 χ^2/NDF : 3.0/9

reg_asym_sam_26_avg_rms vs slug



Right In: 1252.650 ± 0.865 χ^2/NDF : 3.2/1

Left Out: 1249.590 ± 0.402 χ^2/NDF : 37264.3/8

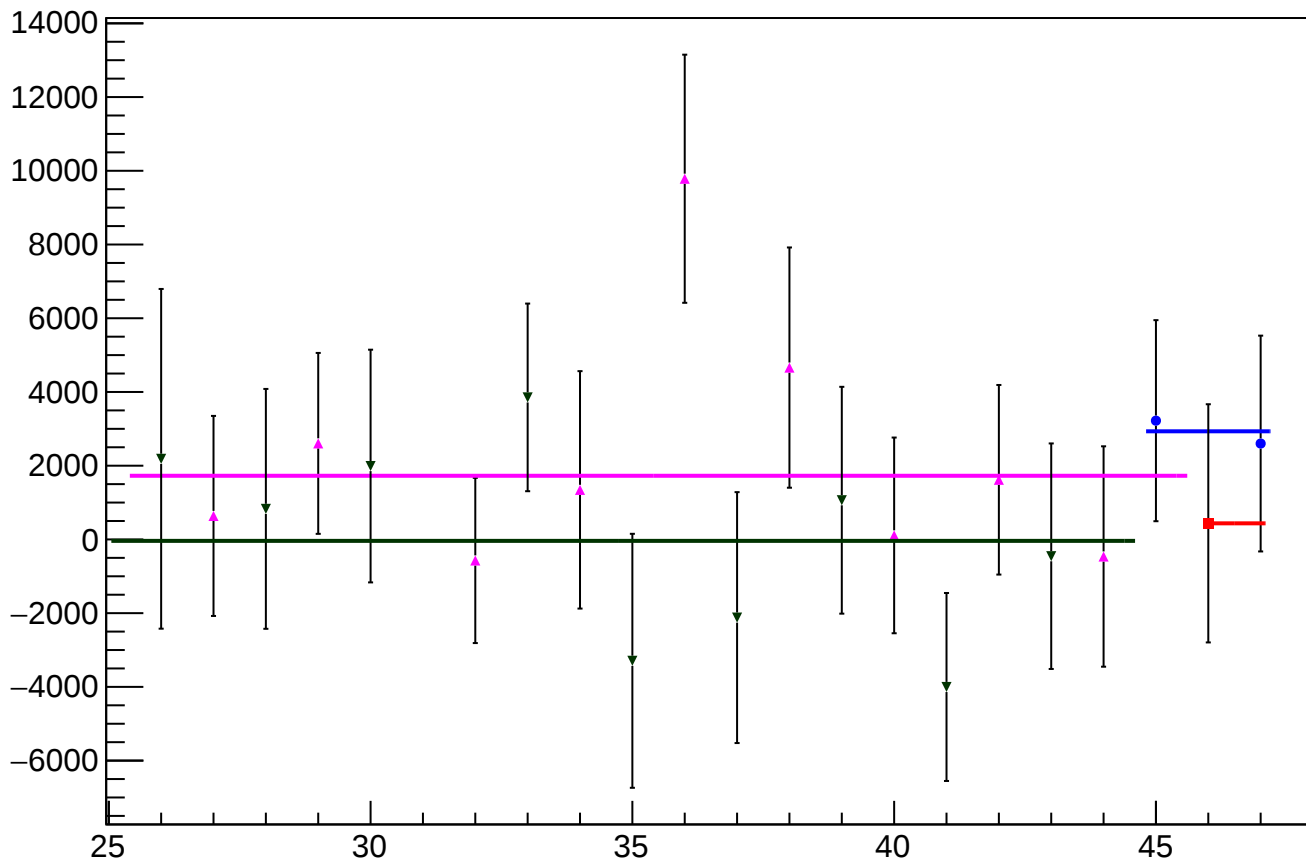
Right Out: 1292.151 ± 1.400 χ^2/NDF : 0.0/0

Left In: 1230.414 ± 0.367 χ^2/NDF : 50656.2/8

1250.134 ± 0.364 χ^2/NDF : 37277.8/10

1234.379 ± 0.355 χ^2/NDF : 52474.8/9

asym_sam_26_avg_correction_mean vs slug



Right In: 2933.025+/-1995.296 χ^2/NDF : 0.0/1

Left Out: -39.269+/-1035.135 χ^2/NDF : 6.9/8

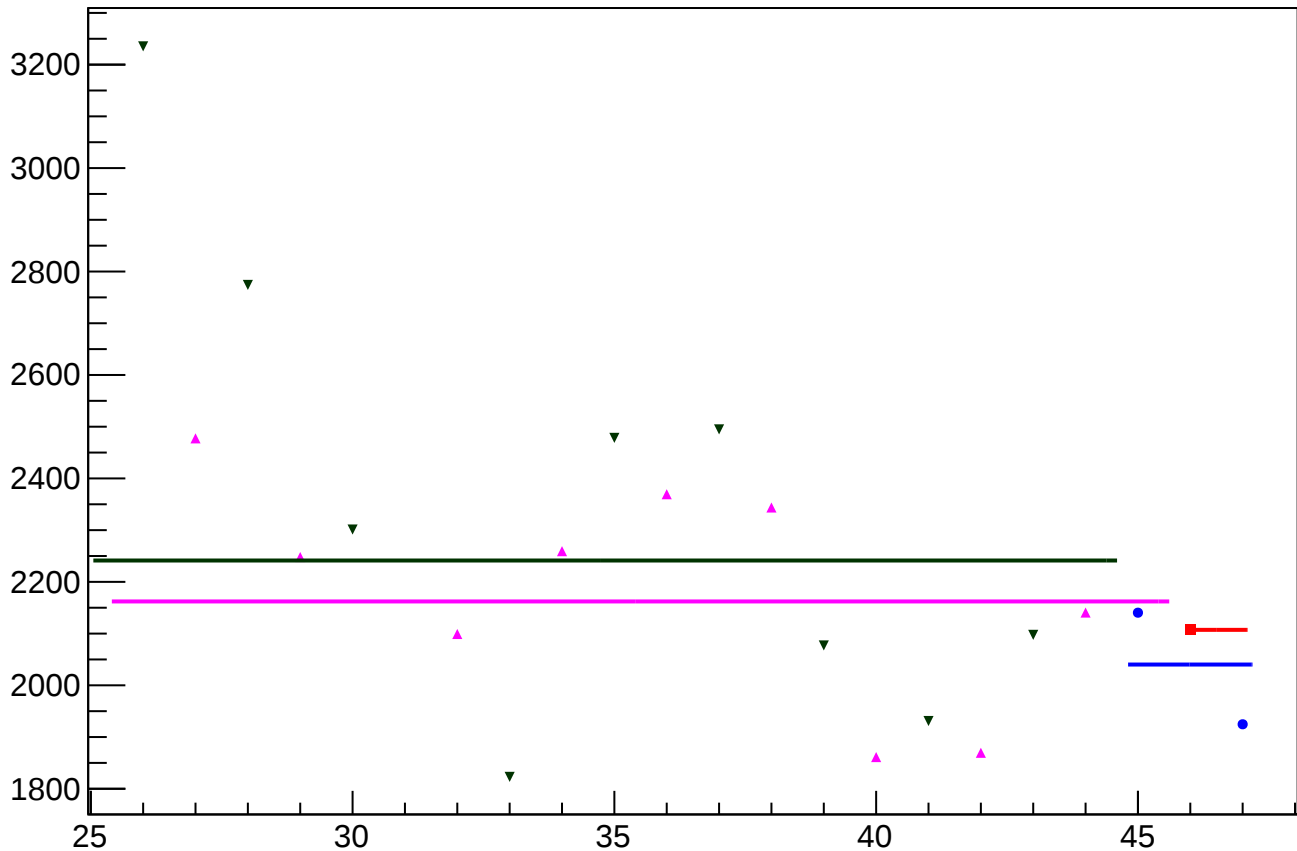
Right Out: 436.490+/-3230.828 χ^2/NDF : 0.0/0

Left In: 1726.912+/-918.632 χ^2/NDF : 8.8/8

591.052+/-918.845 χ^2/NDF : 8.7/10

1630.390+/-883.609 χ^2/NDF : 9.0/9

asym_sam_26_avg_correction_rms vs slug



Right In: 2040.167 ± 1.411 χ^2/NDF : 5815.4/1

Left Out: 2241.302 ± 0.732 χ^2/NDF : 261773.6/8

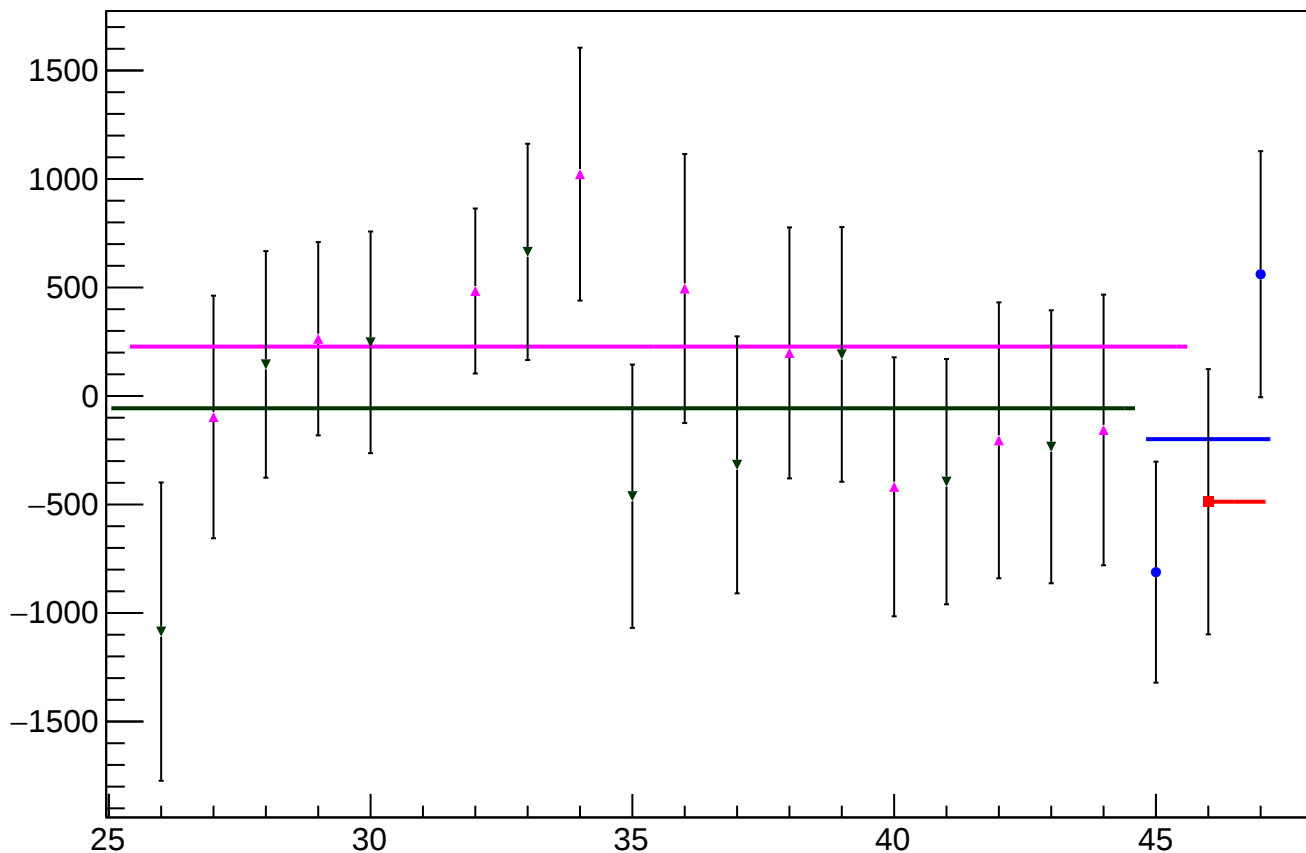
Right Out: 2107.228 ± 2.285 χ^2/NDF : 0.0/0

Left In: 2162.148 ± 0.650 χ^2/NDF : 98343.3/8

2198.648 ± 0.650 χ^2/NDF : 283602.4/10

2158.040 ± 0.625 χ^2/NDF : 98878.0/9

reg_asym_sam_37_avg_mean vs slug



Right In: -198.744+/-378.859 χ^2/NDF : 3.2/1

Left Out: -56.564+/-189.750 χ^2/NDF : 6.1/8

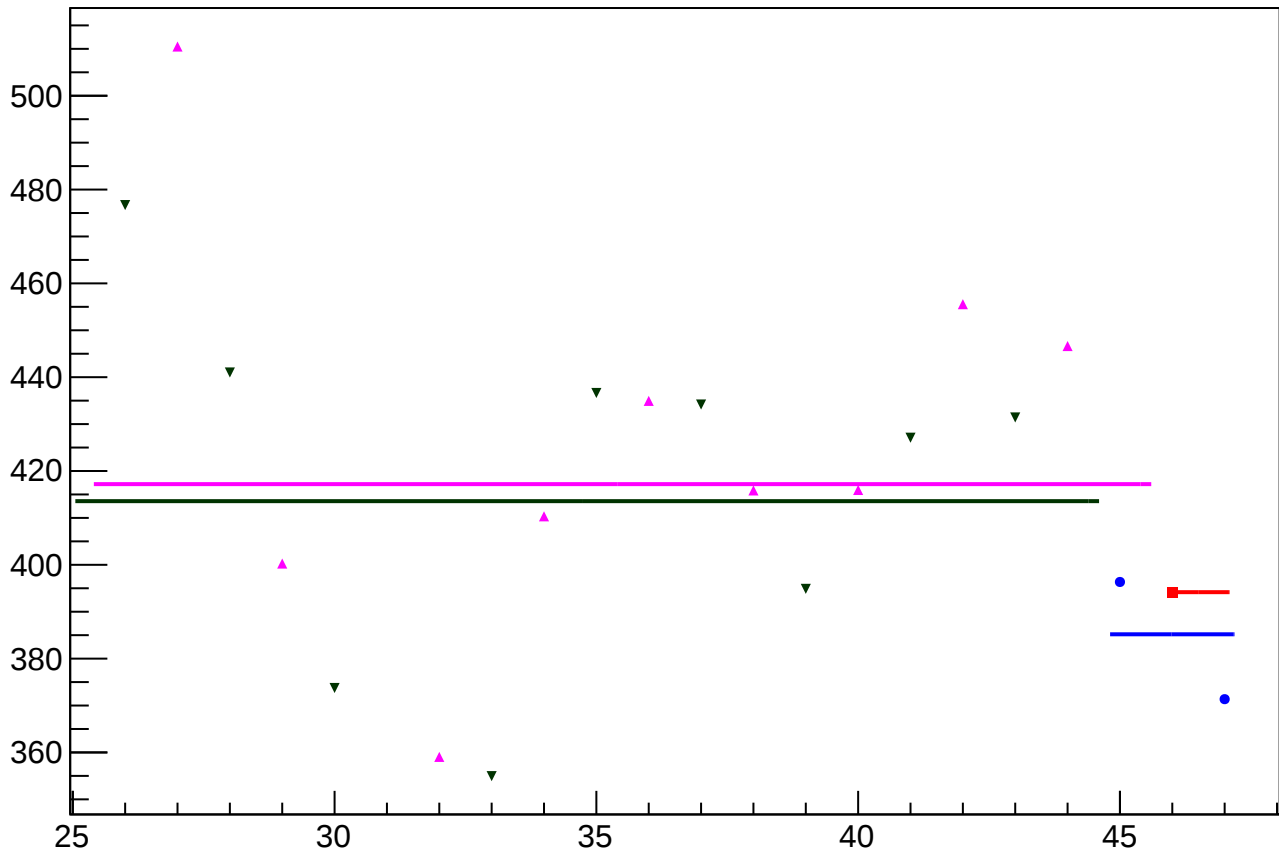
Right Out: -487.165+/-611.127 χ^2/NDF : 0.0/0

Left In: 227.618+/-178.031 χ^2/NDF : 4.9/8

-85.077+/-169.660 χ^2/NDF : 9.5/10

171.703+/-170.926 χ^2/NDF : 6.1/9

reg_asym_sam_37_avg_rms vs slug



Right In: 385.187 $\pm$ 0.268 χ^2/NDF : 2150.0/1

Left Out: 413.572 $\pm$ 0.134 χ^2/NDF : 72321.2/8

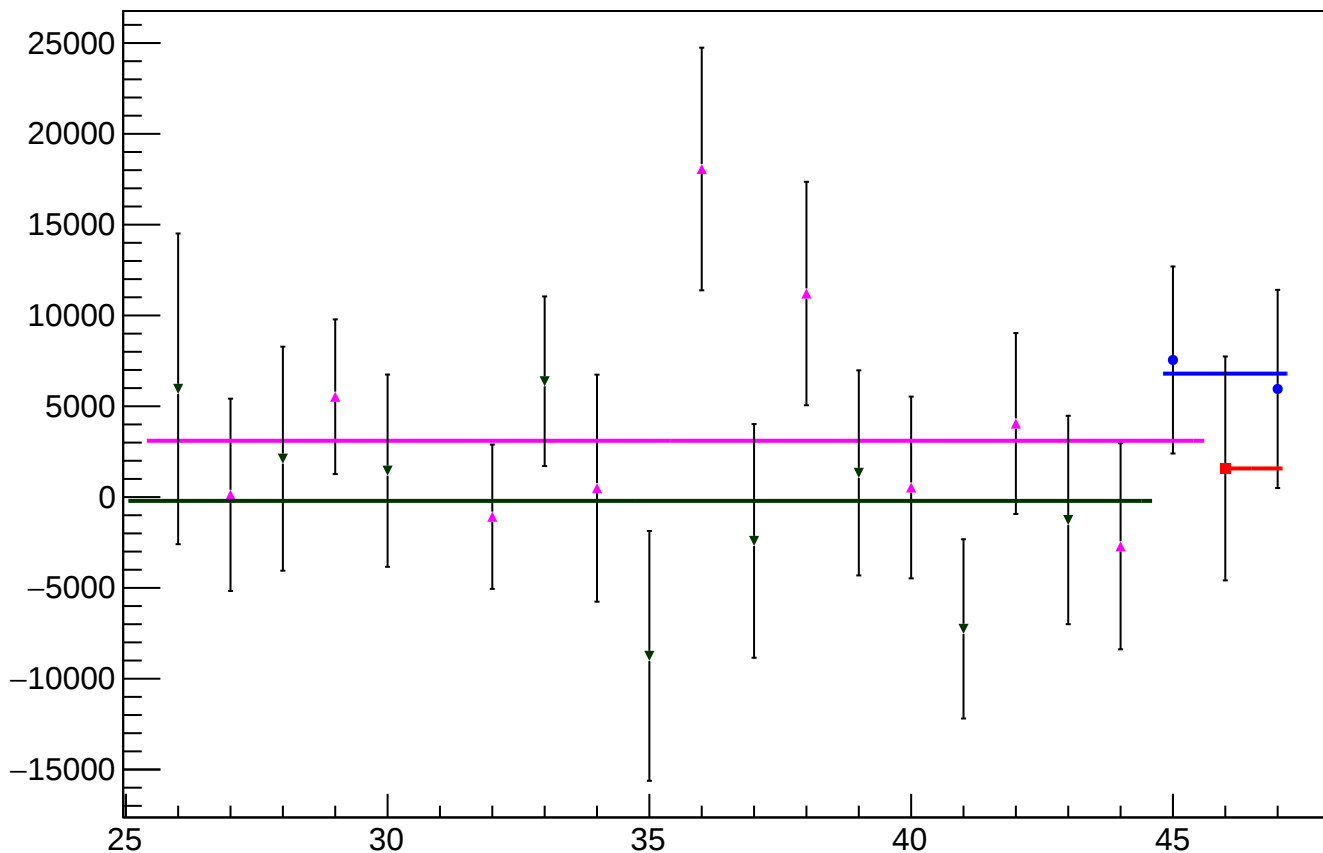
Right Out: 394.168 $\pm$ 0.432 χ^2/NDF : 0.0/0

Left In: 417.201 $\pm$ 0.126 χ^2/NDF : 119064.3/8

407.880 $\pm$ 0.120 χ^2/NDF : 83446.6/10

415.399 $\pm$ 0.121 χ^2/NDF : 121683.0/9

asym_sam_37_avg_correction_mean vs slug



Right In: 6797.576+/-3744.787 χ^2/NDF : 0.0/1

Left Out: -208.829+/-1925.930 χ^2/NDF : 6.6/8

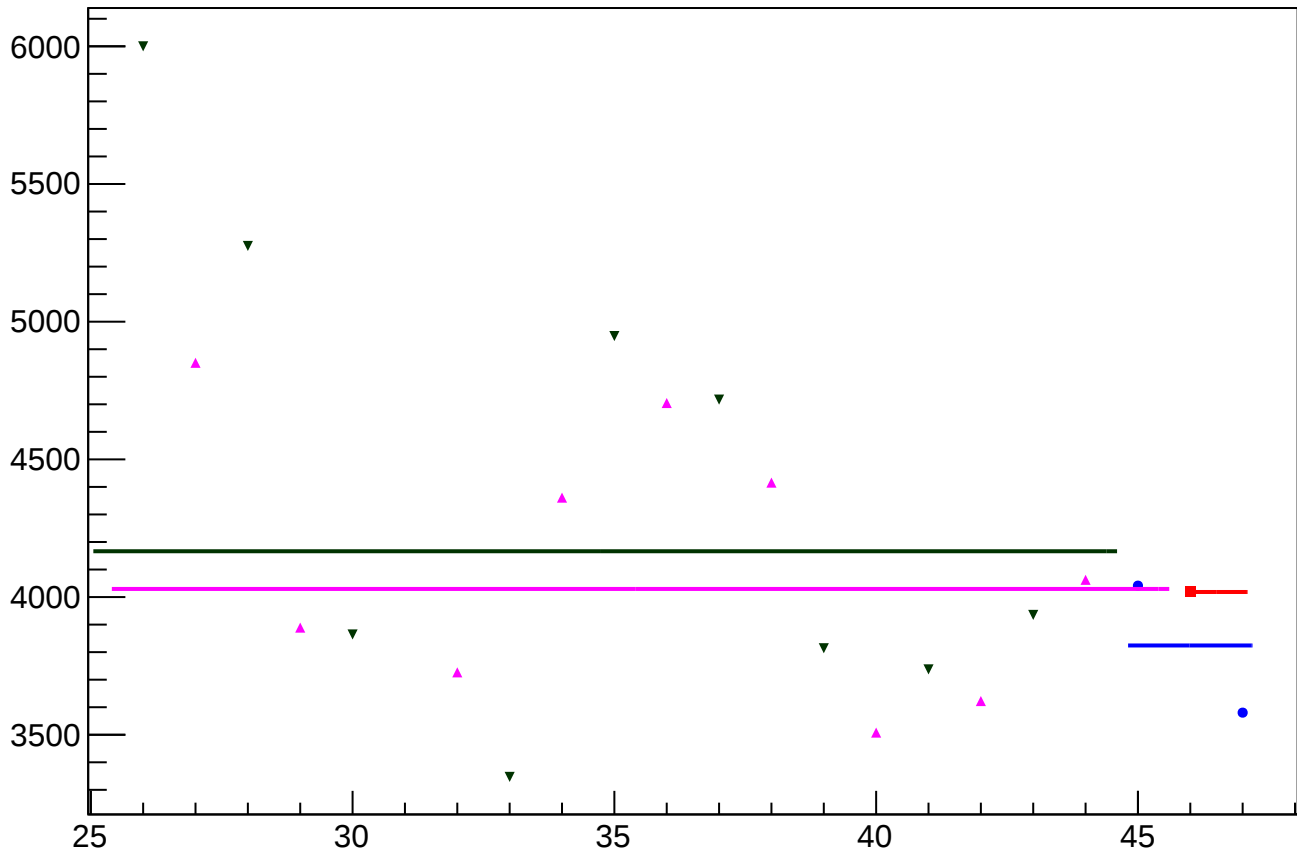
Right Out: 1576.848+/-6165.314 χ^2/NDF : 0.0/0

Left In: 3100.951+/-1715.208 χ^2/NDF : 10.0/8

1256.729+/-1712.699 χ^2/NDF : 9.4/10

2991.464+/-1652.452 χ^2/NDF : 10.1/9

asym_sam_37_avg_correction_rms vs slug



Right In: 3824.224+/-2.648 χ^2/NDF : 7557.7/1

Left Out: 4166.379+/-1.362 χ^2/NDF : 291206.4/8

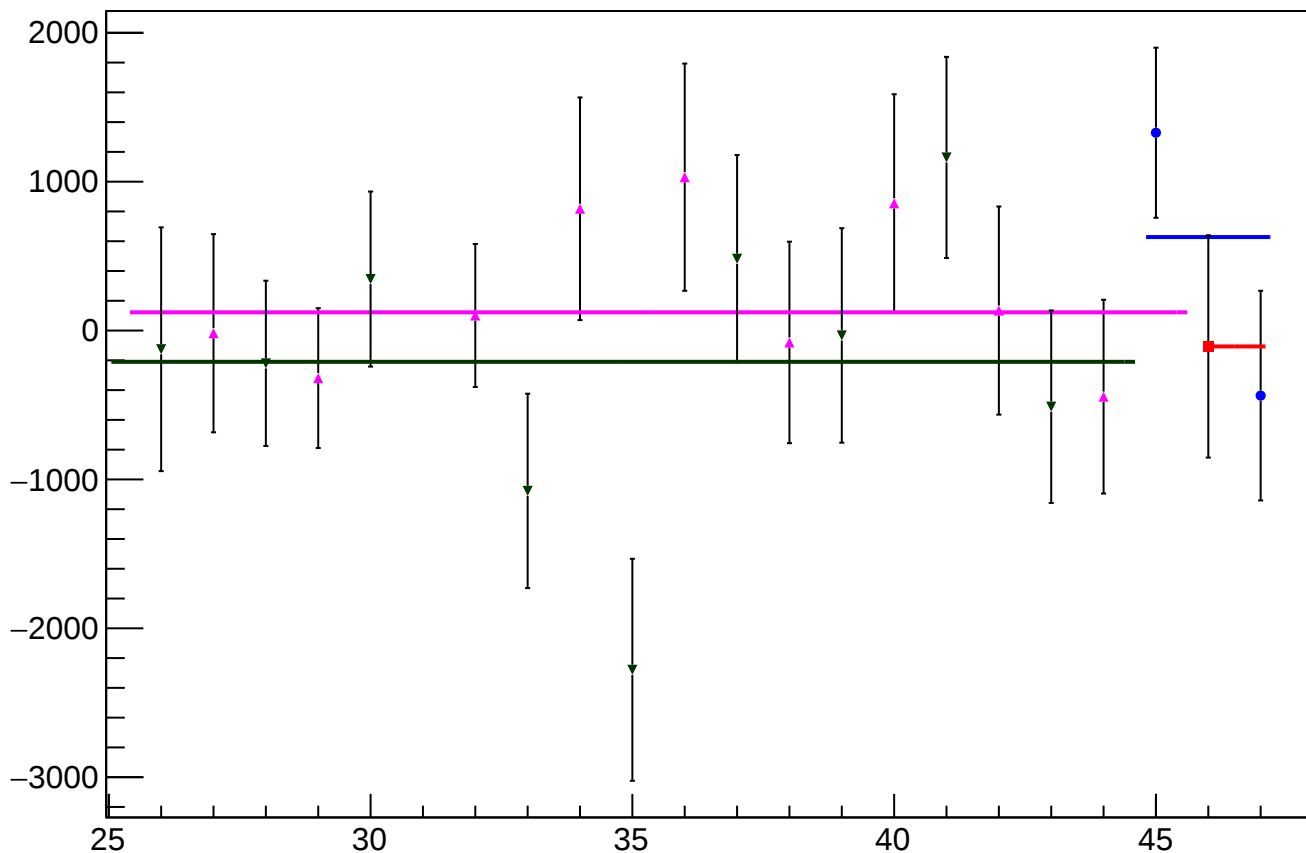
Right Out: 4018.458+/-4.360 χ^2/NDF : 0.0/0

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

4094.809+/-1.211 χ^2/NDF : 311968.1/10

4028.716+/-1.168 χ^2/NDF : 131057.5/9

reg_asym_sam_48_avg_mean vs slug



Right In: 627.983+/-443.646 χ^2/NDF : 3.8/1

Left Out: -209.900+/-221.674 χ^2/NDF :15.8/8

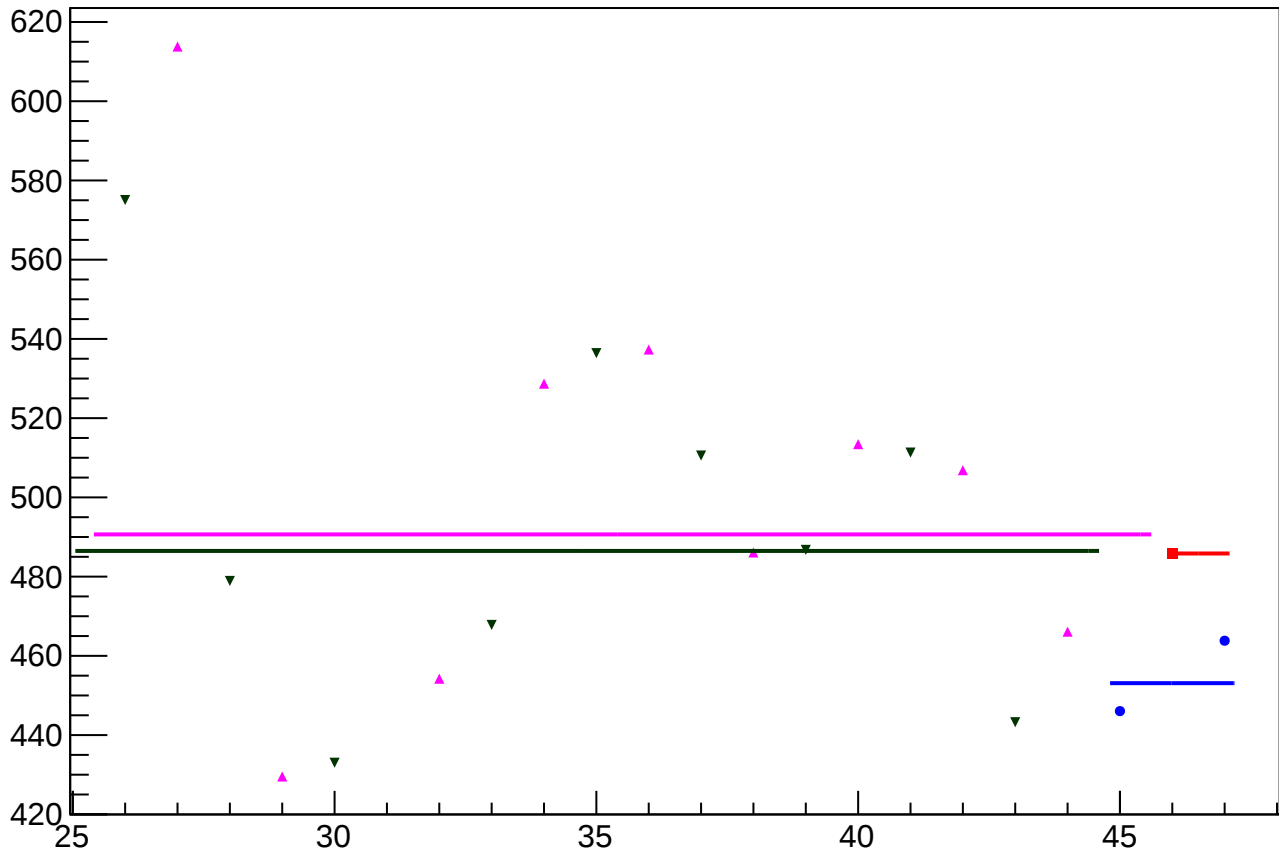
Right Out: -106.676+/-746.609 χ^2/NDF : 0.0/0

Left In: 122.495+/-208.120 χ^2/NDF :5.1/8

-42.504+/-198.298 χ^2/NDF : 22.4/10

105.971+/-200.477 χ^2/NDF : 5.1/9

reg_asym_sam_48_avg_rms vs slug



Right In: 453.105+/-0.314 χ^2/NDF : 767.9/1

Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

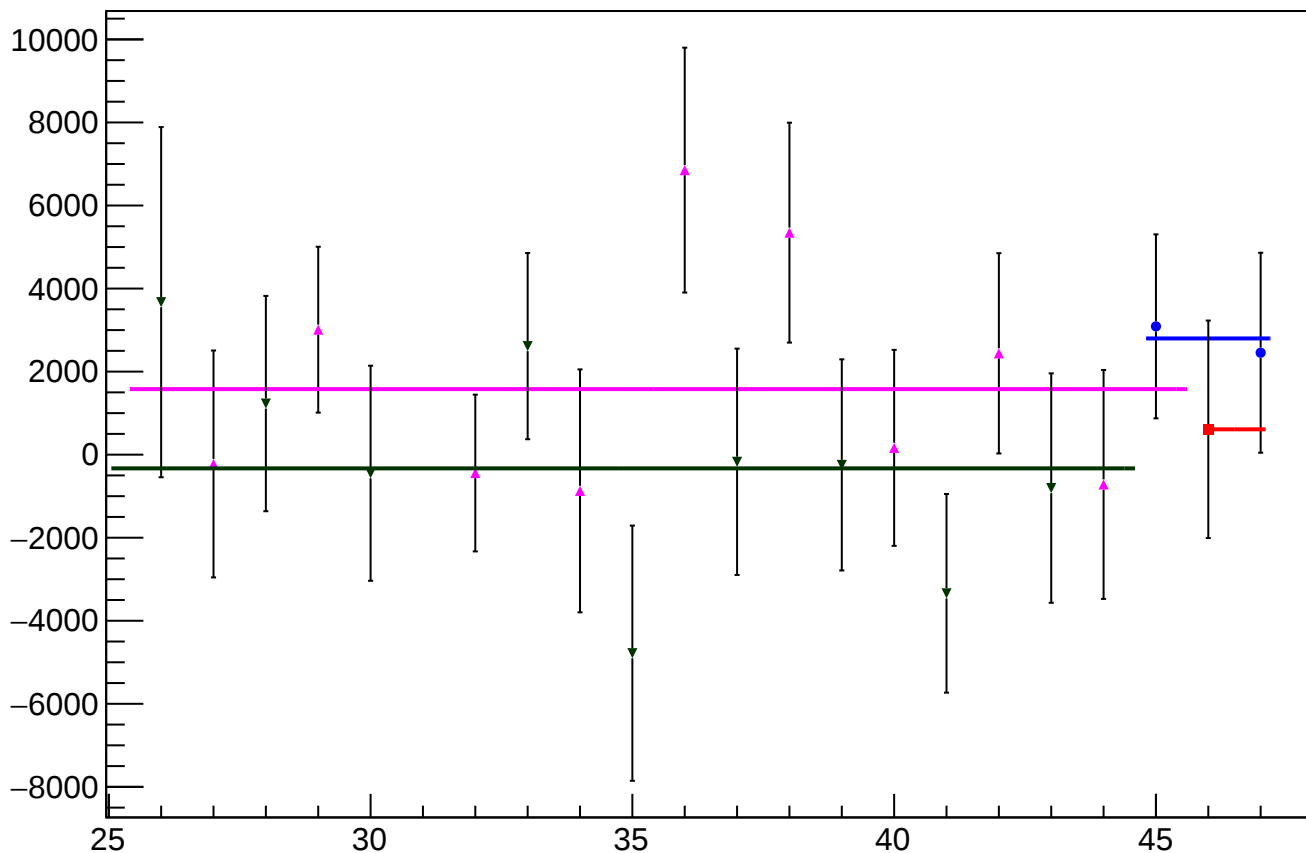
479.816+/-0.140 χ^2/NDF : 74799.1/10

Right Out: 485.840+/-0.528 χ^2/NDF : 0.0/0

490.306+/-0.142 χ^2/NDF : 132444.7/9

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

asym_sam_48_avg_correction_mean vs slug



Right In: 2798.627 $\pm$ 1630.251 χ^2 /NDF: 0.0/1

Left Out: -330.295 $\pm$ 892.971 χ^2 /NDF: 6.7/8

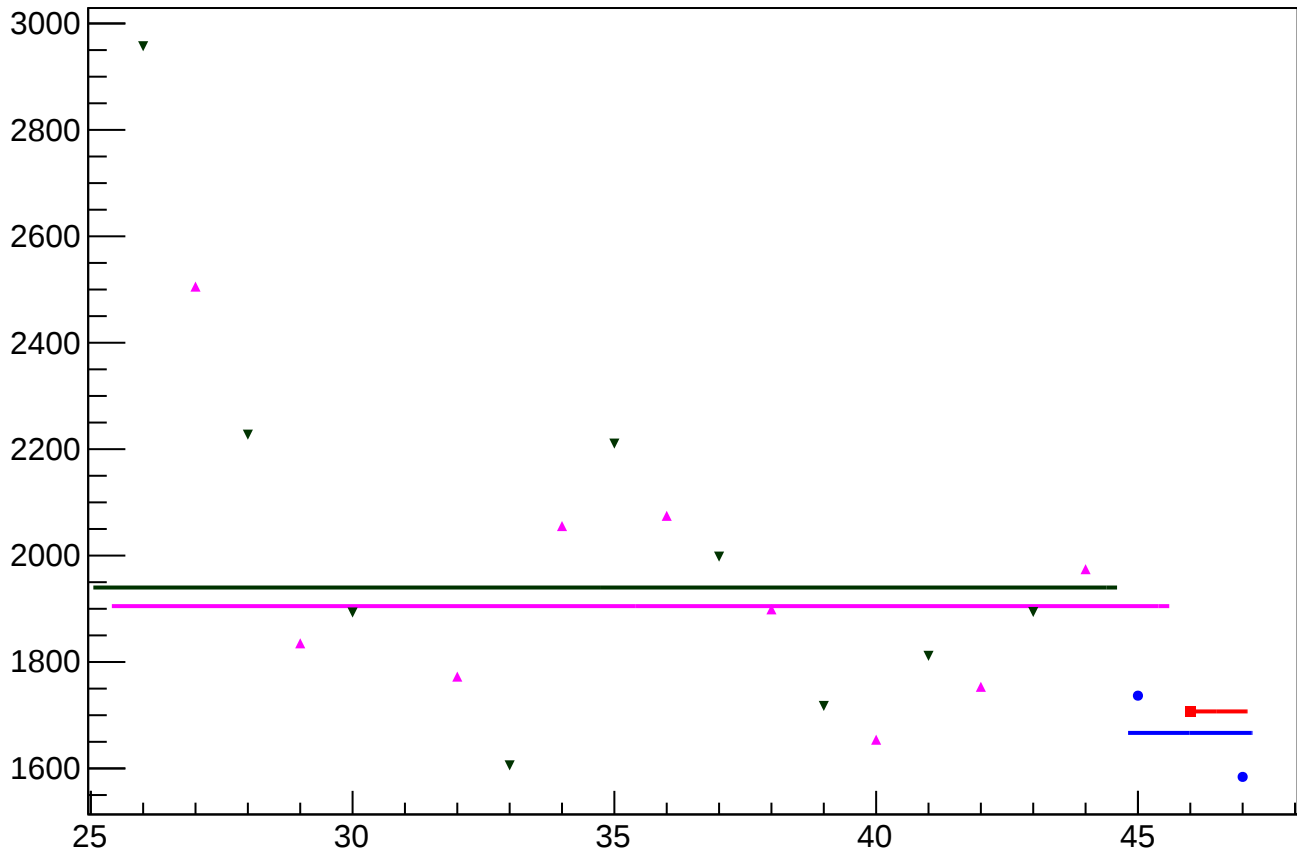
Right Out: 610.288 $\pm$ 2619.147 χ^2 /NDF: 0.0/0

Left In: 1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

391.820 $\pm$ 783.178 χ^2 /NDF: 9.6/10

1493.964 $\pm$ 774.155 χ^2 /NDF: 9.3/9

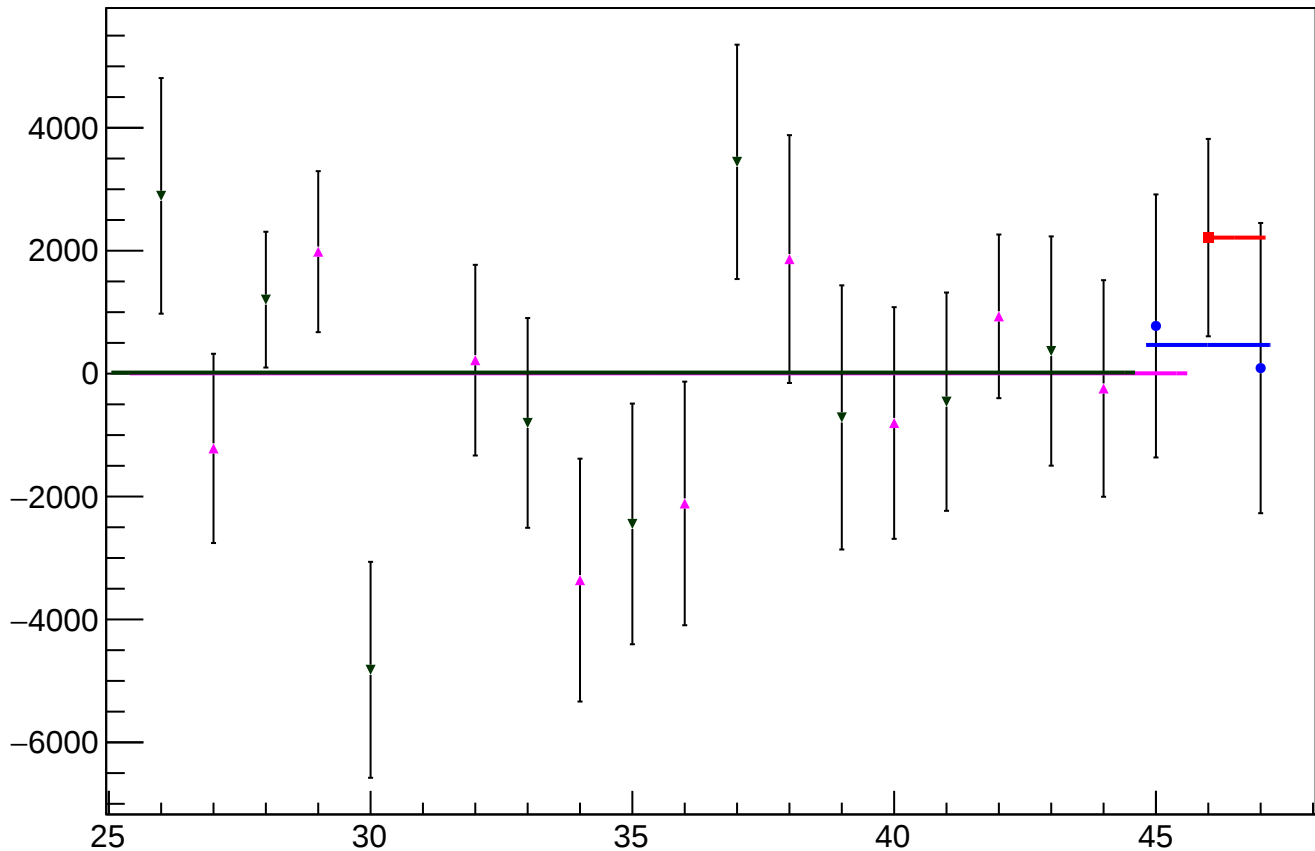
asym_sam_48_avg_correction_rms vs slug



Right In: 1666.763 ± 1.153 $\chi^2/\text{NDF}: 4353.5/1$
 Left Out: 1939.983 ± 0.631 $\chi^2/\text{NDF}: 224092.6/8$
 Right Out: 1707.109 ± 1.852 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 1905.010 ± 0.573 $\chi^2/\text{NDF}: 152614.4/8$

1876.927 ± 0.554 $\chi^2/\text{NDF}: 271657.0/10$
 1887.720 ± 0.547 $\chi^2/\text{NDF}: 163035.2/9$

asym_sam_15_dd_mean vs slug



Right In: 466.694+/-1585.791 χ^2 /NDF: 0.0/1

Left Out: 17.049+/-566.564 χ^2 /NDF:16.2/8

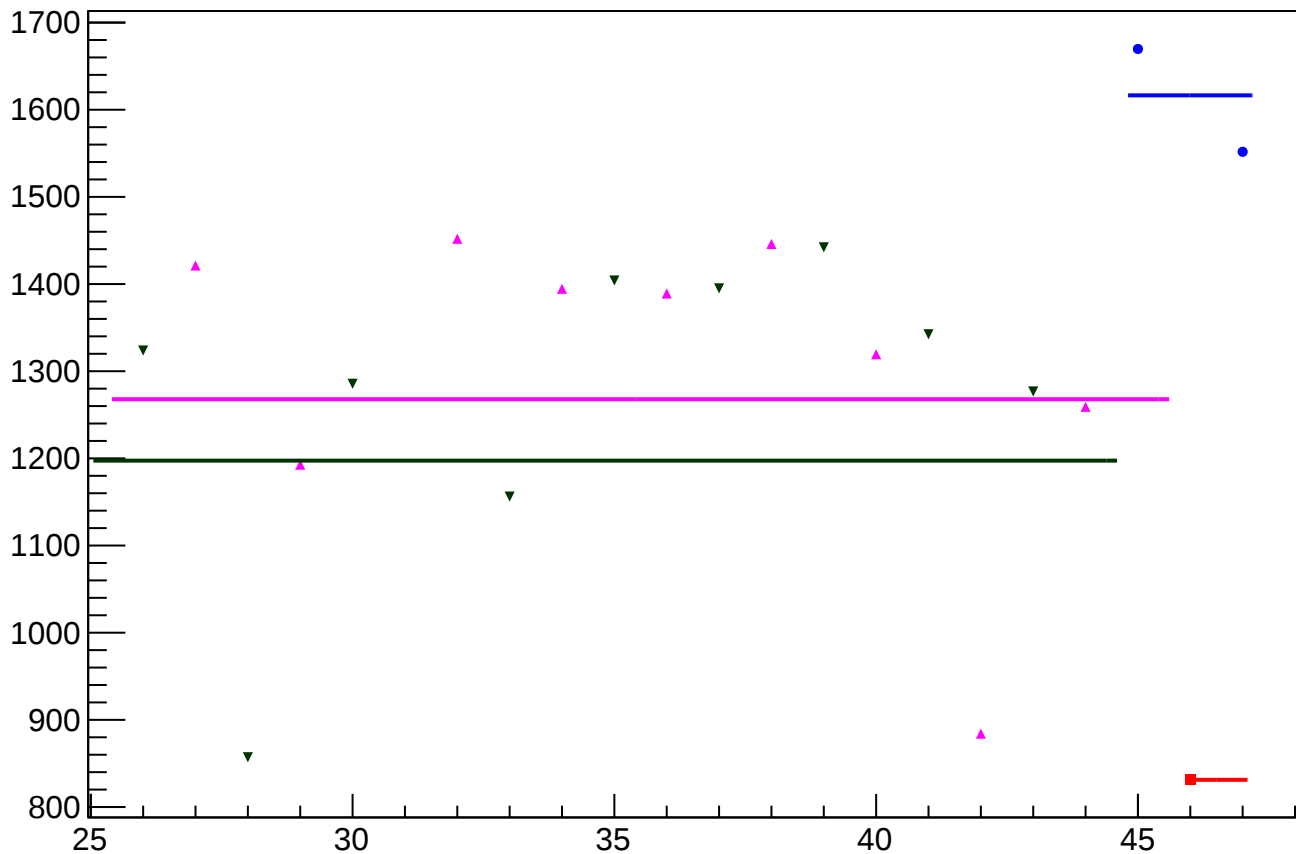
Right Out: 2213.263+/-1605.956 χ^2 /NDF: 0.0/0

Left In: 4.879+/-546.821 χ^2 /NDF:8.5/8

67.947+/-533.534 χ^2 /NDF: 16.4/10

234.313+/-517.637 χ^2 /NDF: 10.2/9

asym_sam_15_dd_rms vs slug



Right In: 1616.511+/-1.121 χ^2/NDF : 2739.0/1

Left Out: 1197.414+/-0.401 χ^2/NDF : 291303.5/8

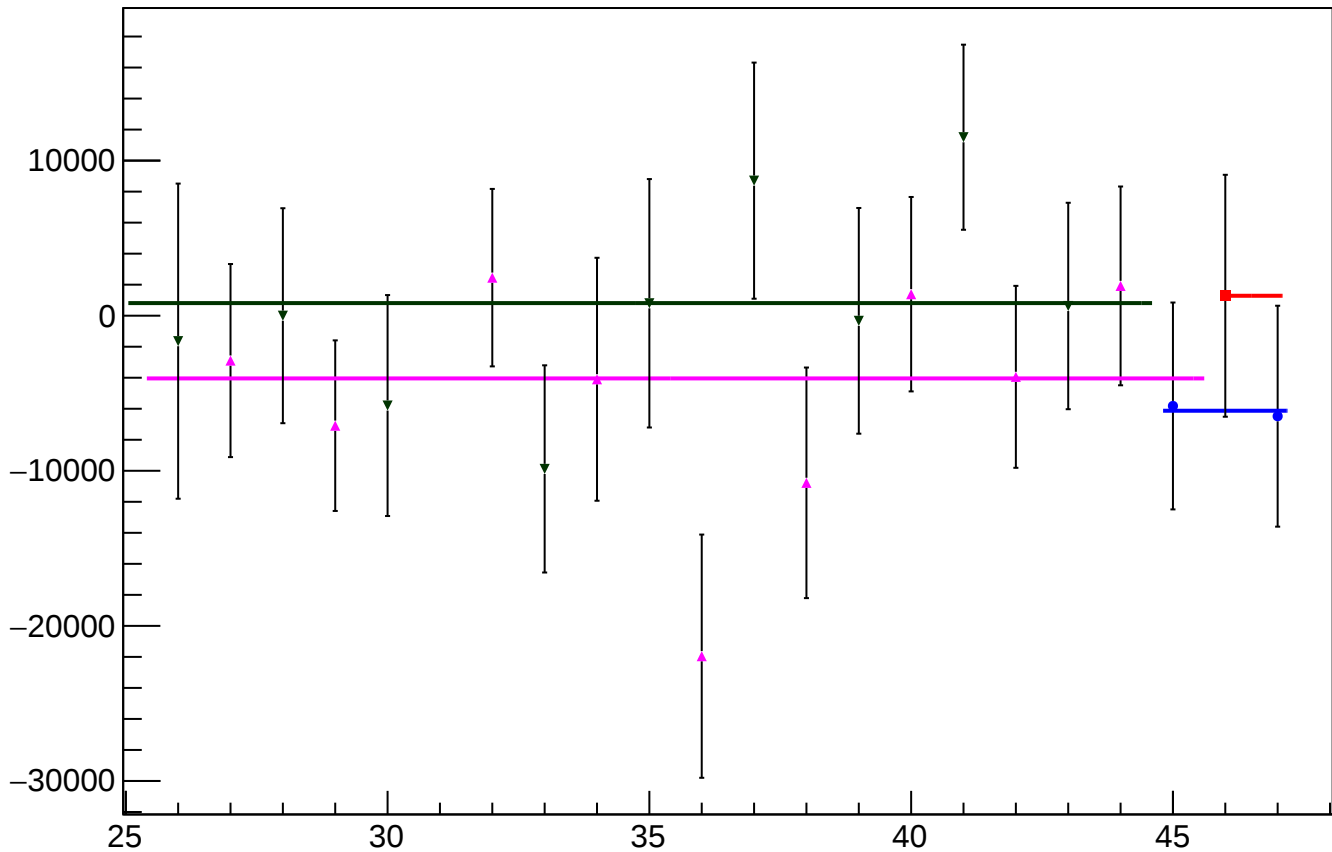
Right Out: 831.218+/-1.136 χ^2/NDF : 0.0/0

Left In: 1267.855+/-0.387 χ^2/NDF : 253536.2/8

1244.854+/-0.377 χ^2/NDF : 417920.9/10

1222.491+/-0.366 χ^2/NDF : 386020.2/9

asym_sam_26_dd_mean vs slug



Right In: -6128.699+/-4868.287 χ^2/NDF : 0.0/1

Left Out: 812.648+/-2390.317 χ^2/NDF : 7.8/8

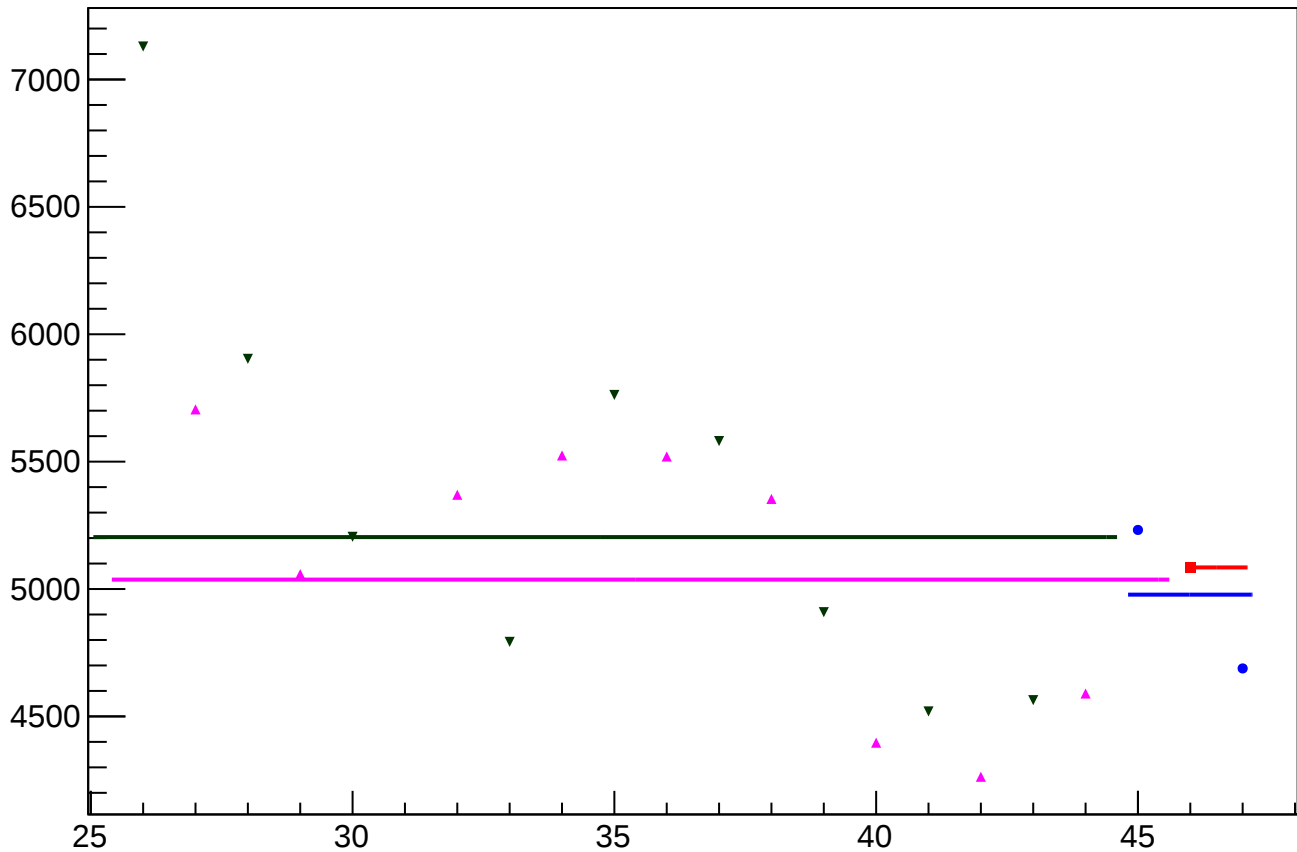
Right Out: 1284.810+/-7799.615 χ^2/NDF : 0.0/0

Left In: -4044.605+/-2137.141 χ^2/NDF : 9.3/8

-535.704+/-2145.635 χ^2/NDF : 9.4/10

-3672.420+/-2061.166 χ^2/NDF : 9.7/9

asym_sam_26_dd_rms vs slug



Right In: 4977.946+/-3.442 χ^2/NDF : 6208.6/1

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

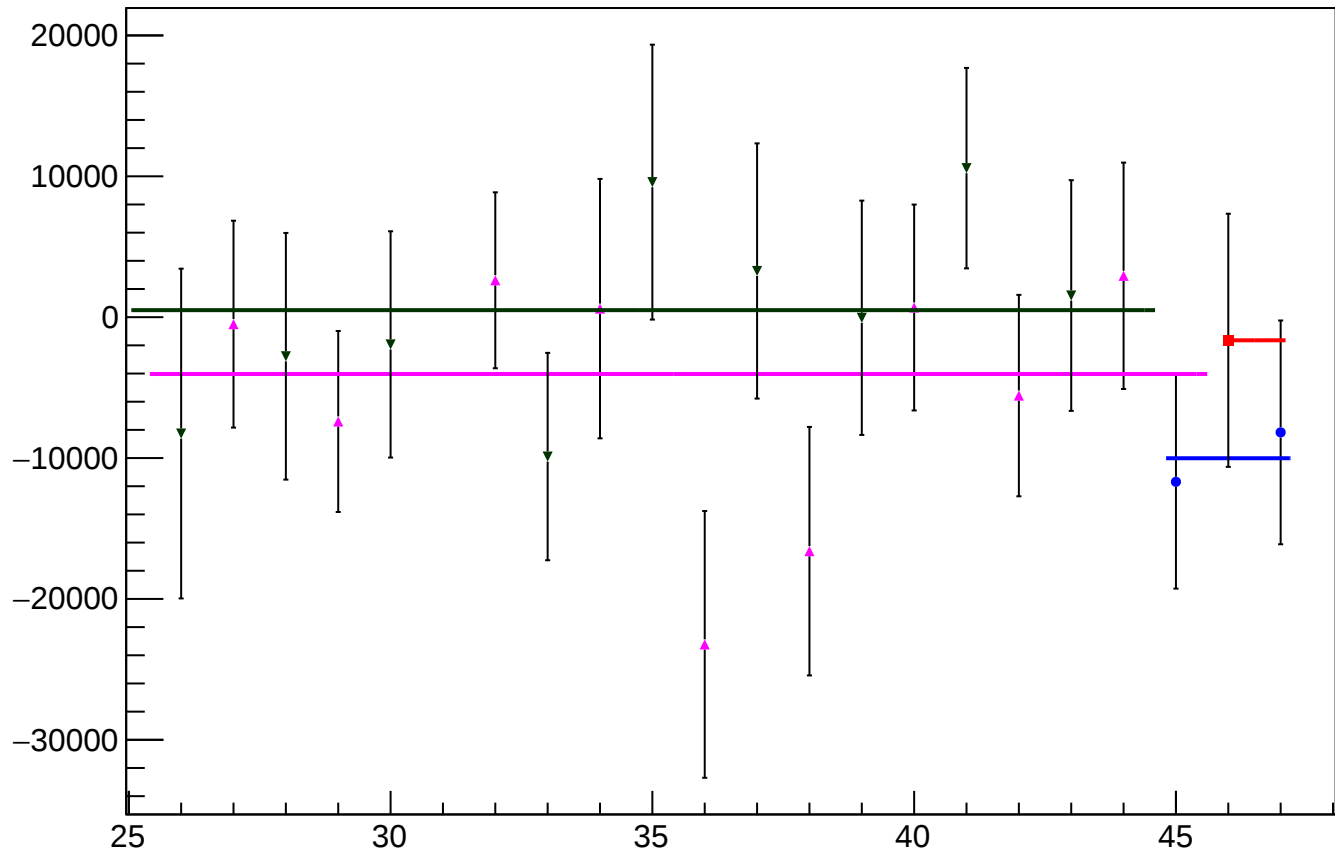
5159.953+/-1.517 χ^2/NDF : 172187.9/10

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: -10013.094+/-5484.427 χ^2/NDF : 0.1/1

Left Out: 499.140+/-2815.711 χ^2/NDF : 5.8/8

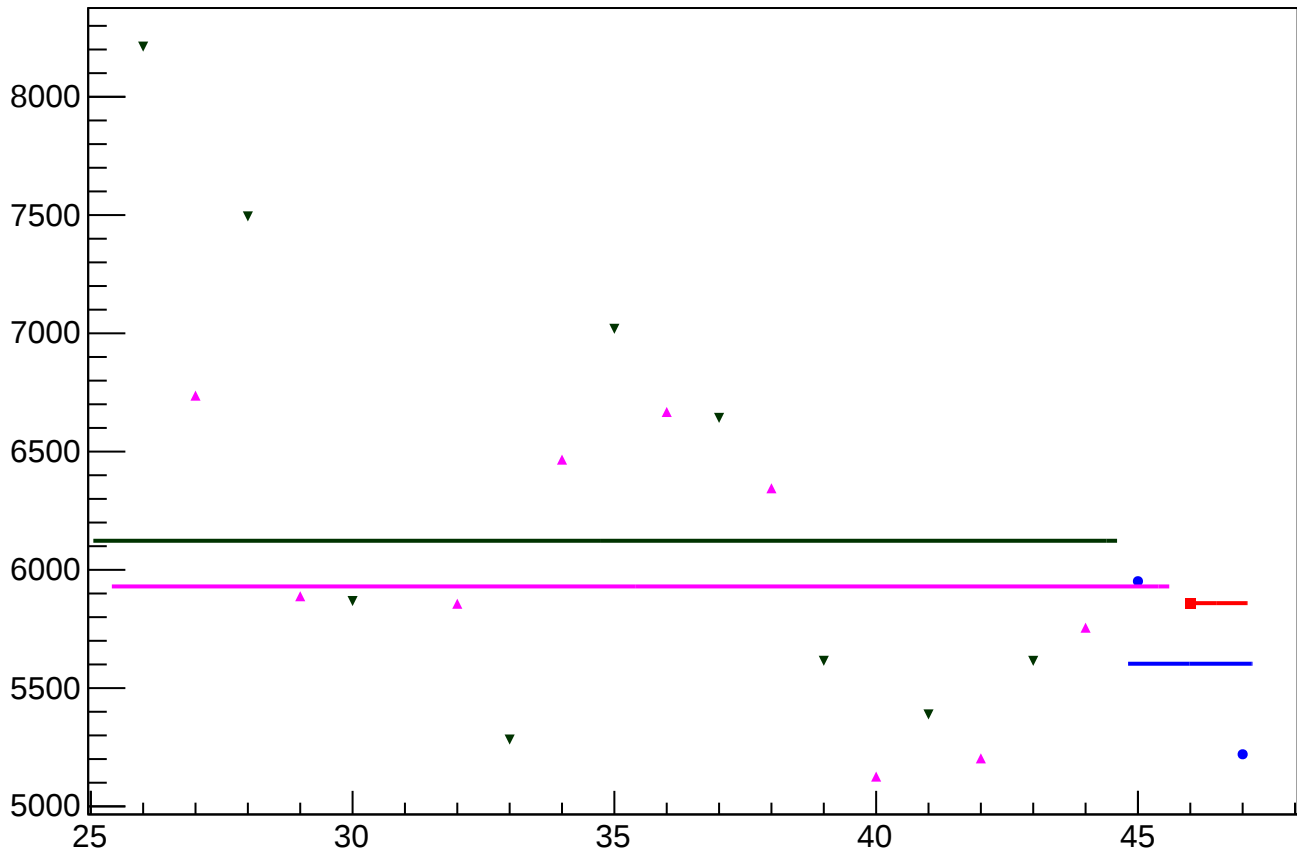
Right Out: -1640.818+/-8984.408 χ^2/NDF : 0.0/0

Left In: -4033.740+/-2515.841 χ^2/NDF : 9.3/8

-1693.694+/-2504.878 χ^2/NDF : 8.8/10

-3859.748+/-2422.650 χ^2/NDF : 9.3/9

asym_sam_37_dd_rms vs slug



Right In: 5603.062+/-3.878 χ^2/NDF : 8880.8/1

Left Out: 6122.948+/-1.991 χ^2/NDF : 200766.5/8

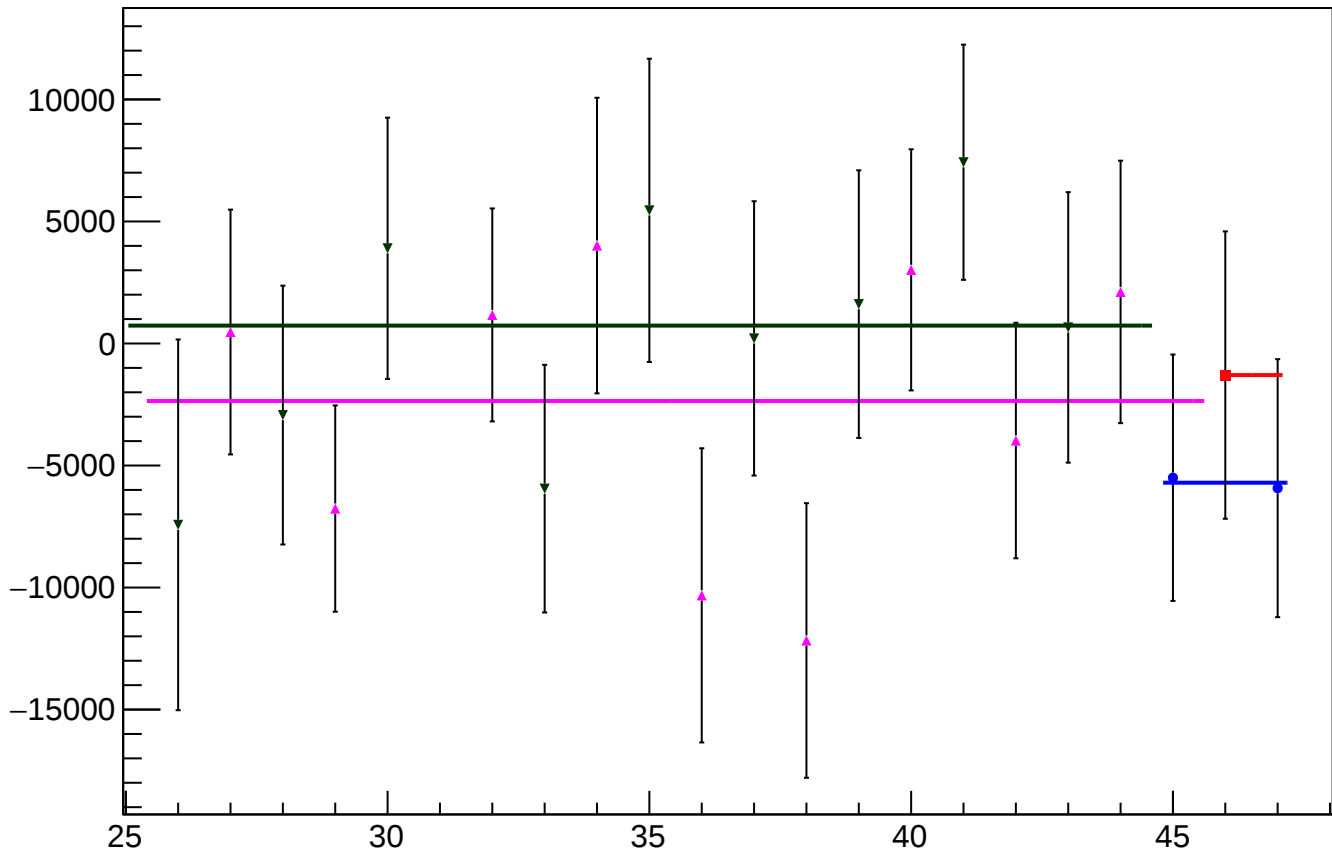
Right Out: 5859.230+/-6.353 χ^2/NDF : 0.0/0

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

6014.501+/-1.771 χ^2/NDF : 223870.0/10

5924.711+/-1.713 χ^2/NDF : 93783.1/9

asym_sam_48_dd_mean vs slug



Right In: -5704.165+/-3650.999 χ^2/NDF : 0.0/1

Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

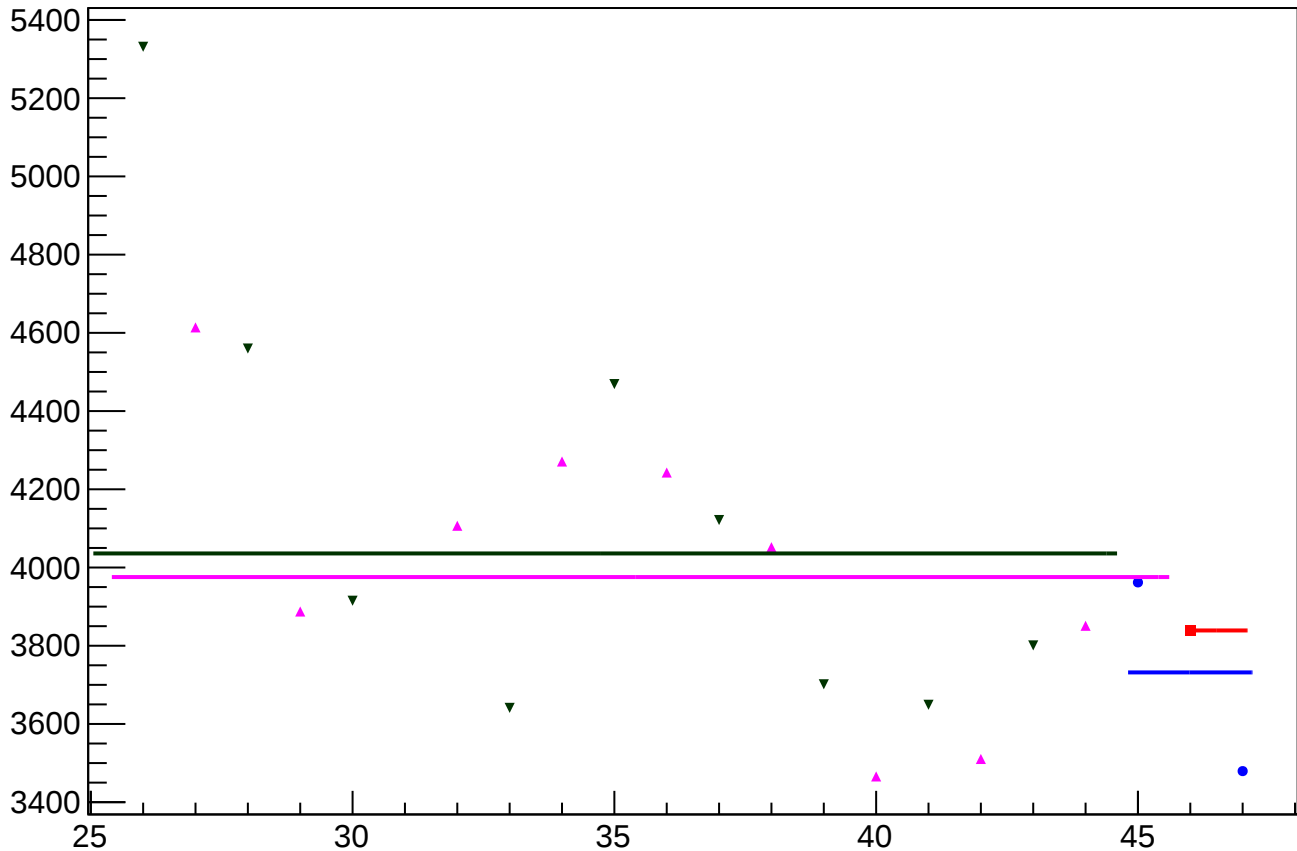
Right Out: -1294.551+/-5887.138 χ^2/NDF : 0.0/0

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

-578.294+/-1648.146 χ^2/NDF : 8.7/10

-2274.721+/-1617.918 χ^2/NDF : 10.0/9

asym_sam_48_dd_rms vs slug



Right In: 3731.796+/-2.582 χ^2/NDF : 8713.3/1

Left Out: 4035.979+/-1.306 χ^2/NDF :124959.6/8

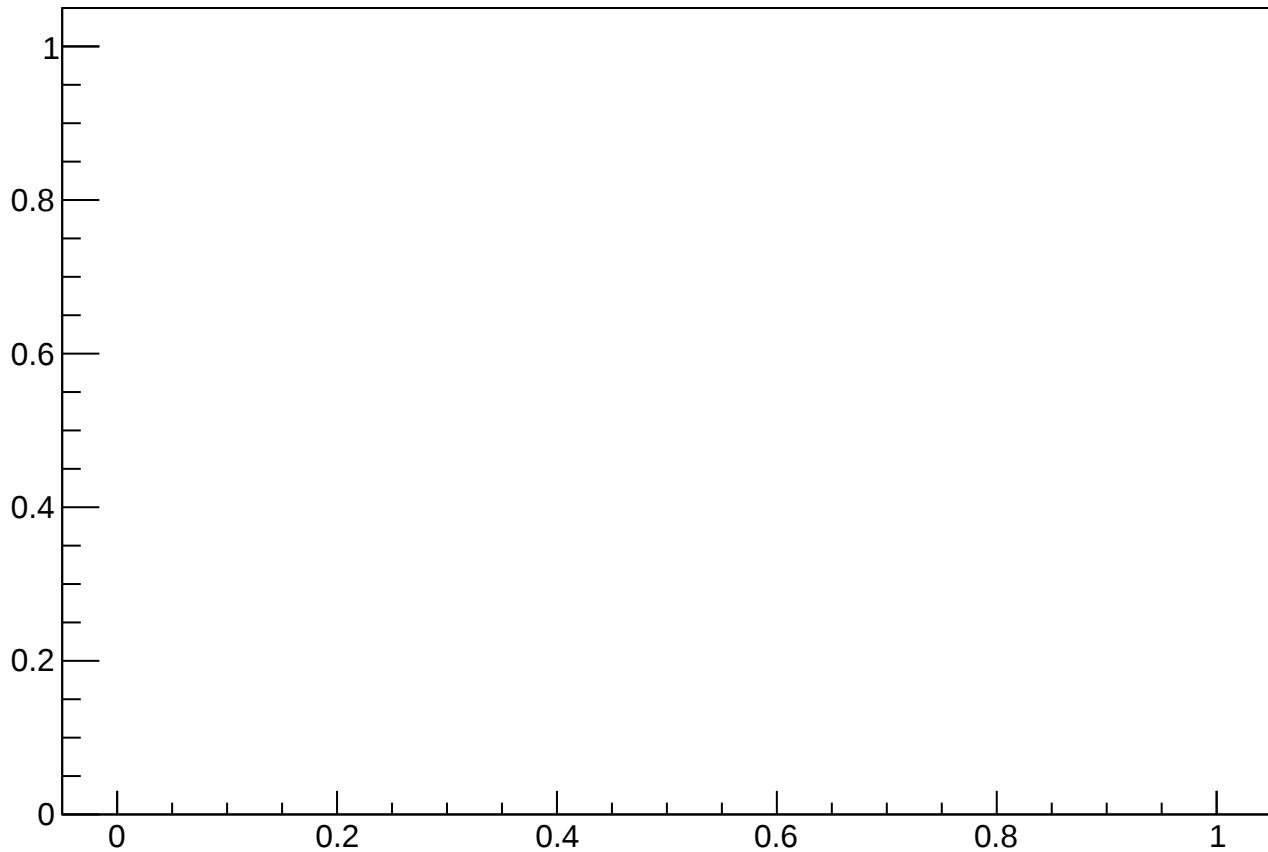
3973.992+/-1.165 χ^2/NDF : 144726.6/10

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

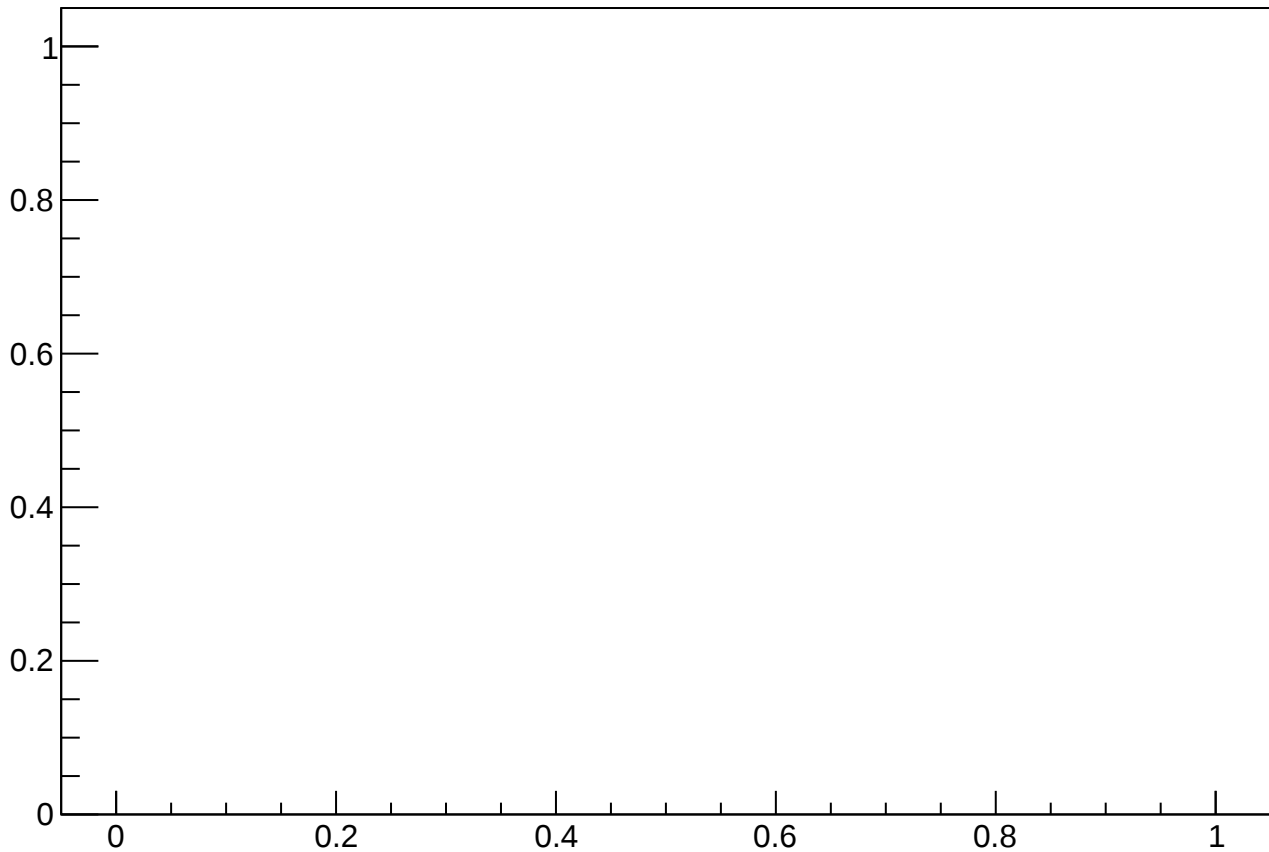
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

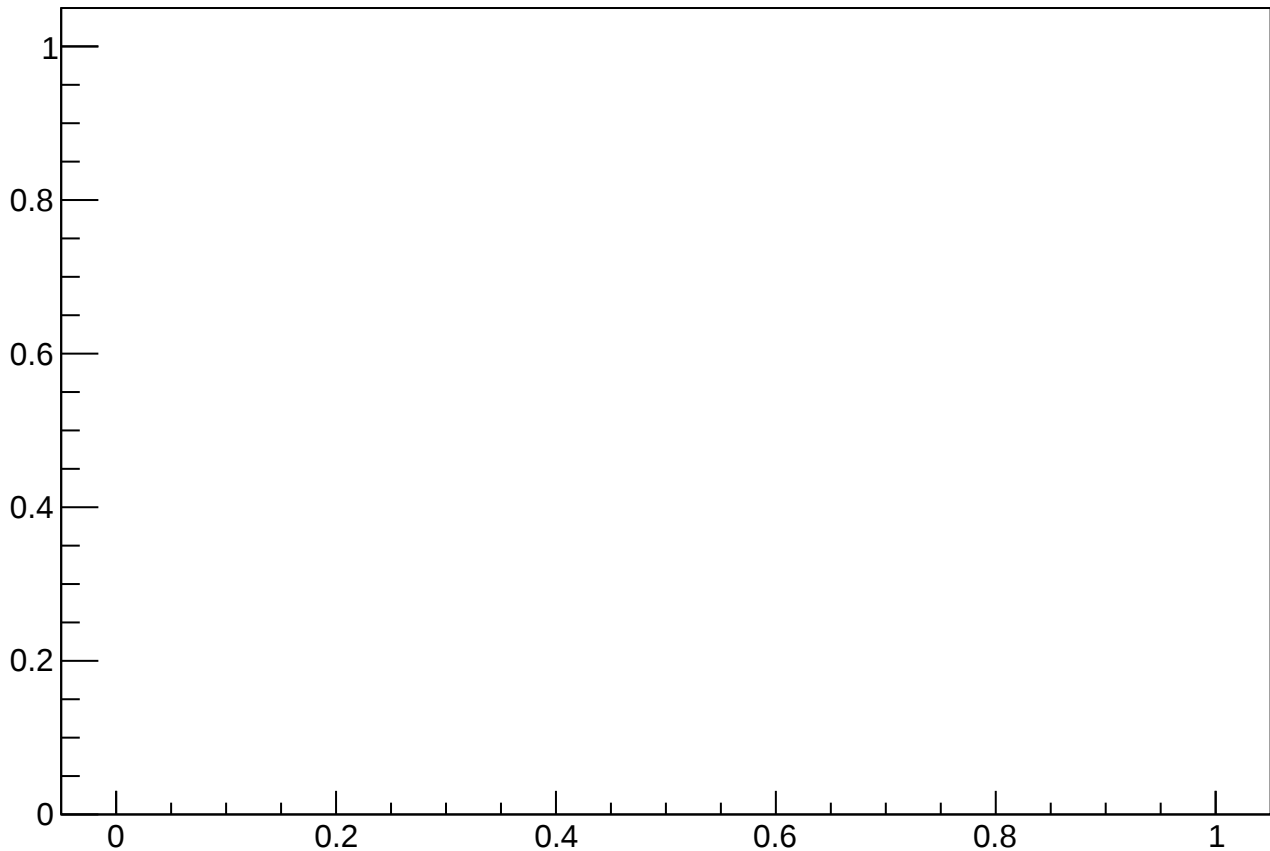
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_mean vs slug



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

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

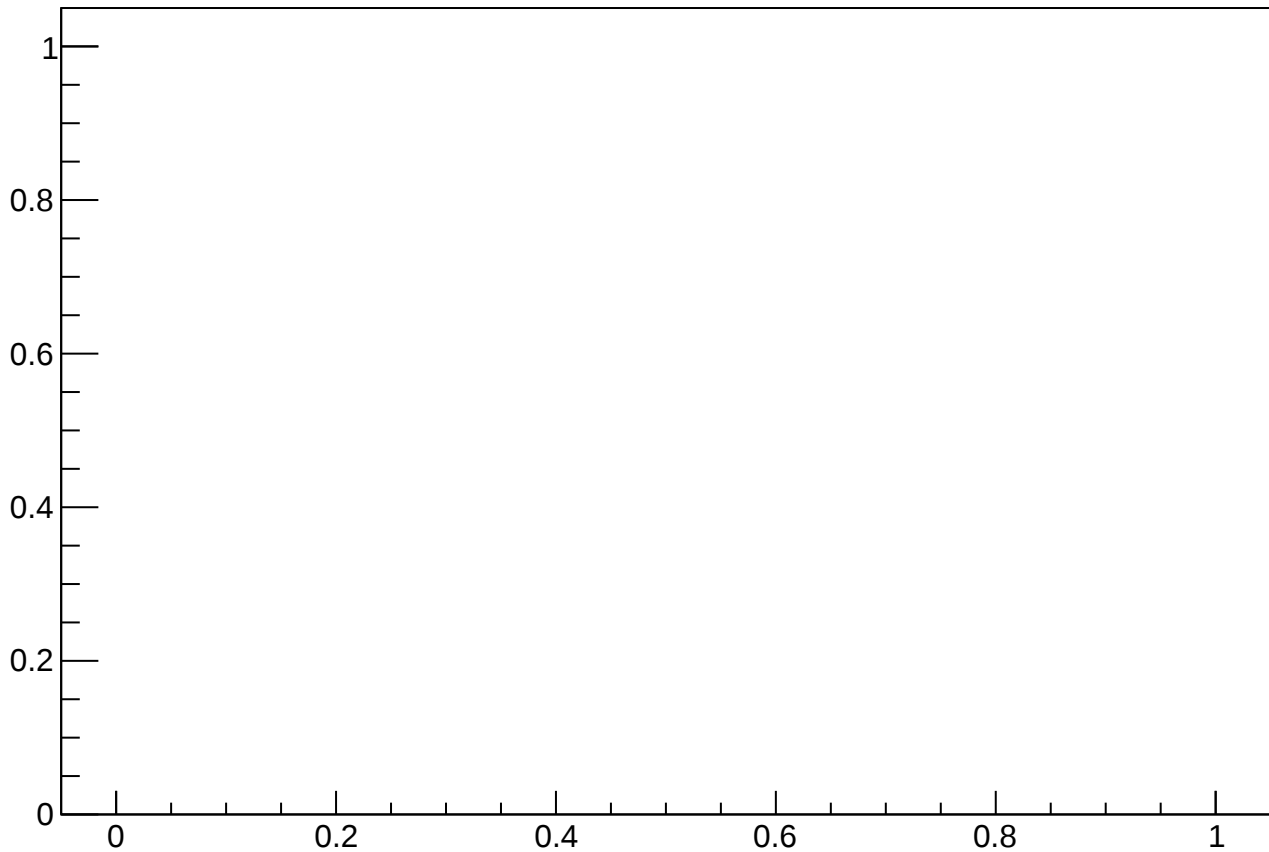
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

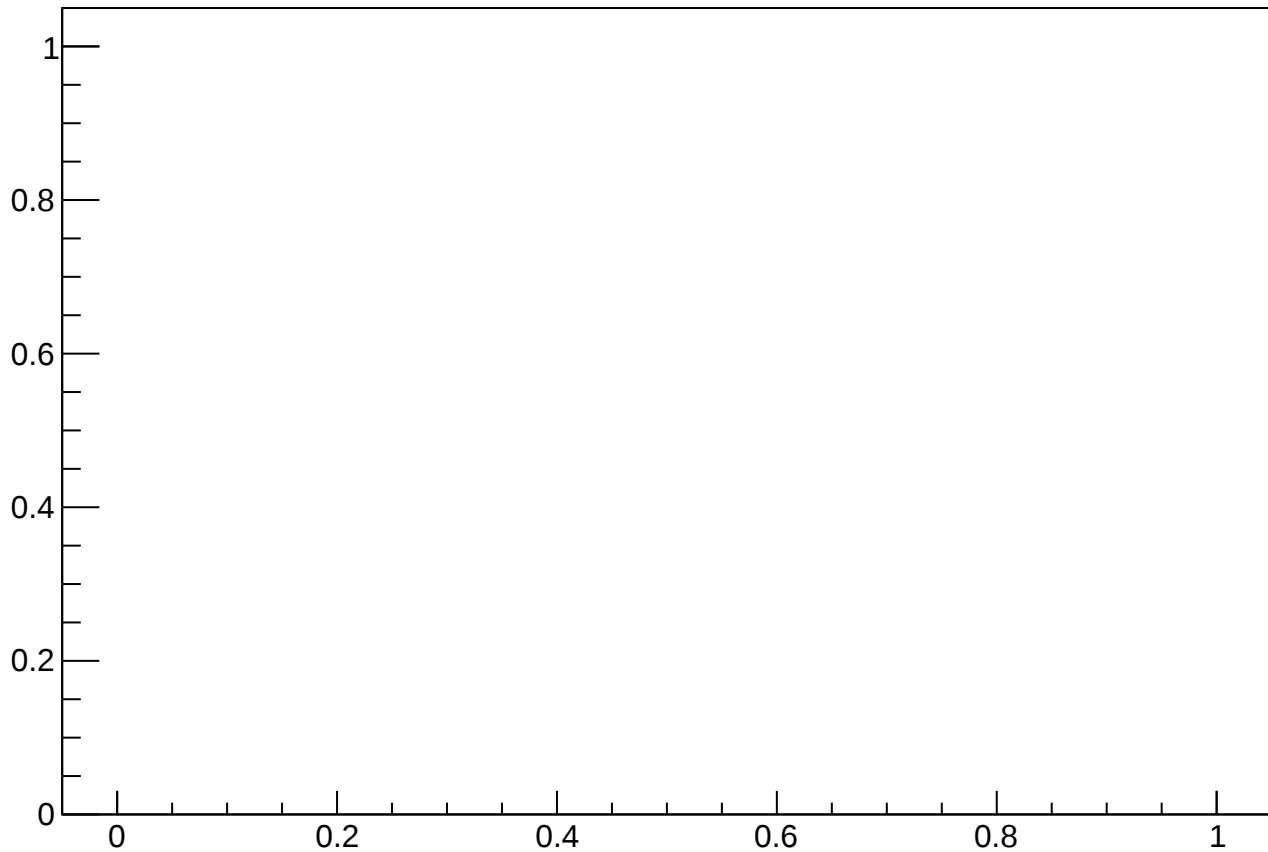
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

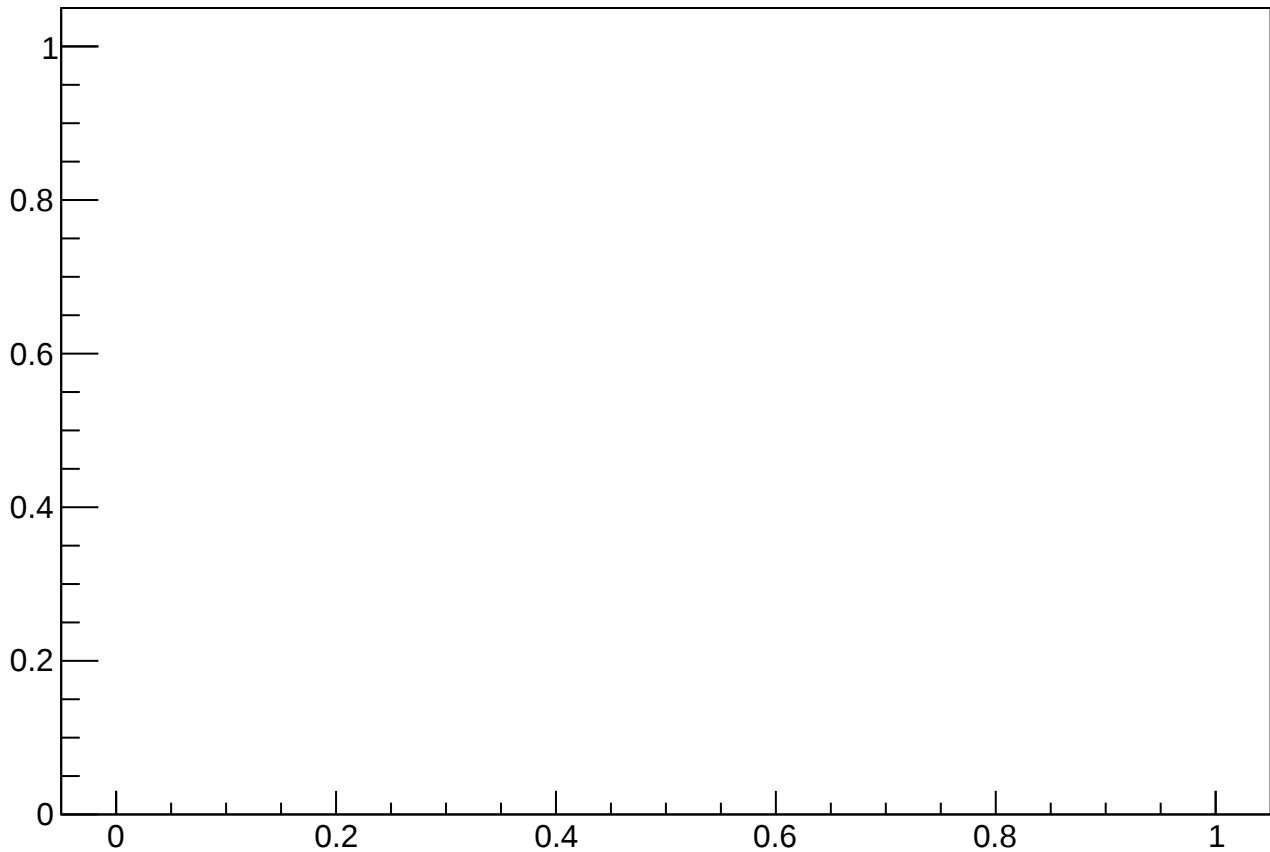
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

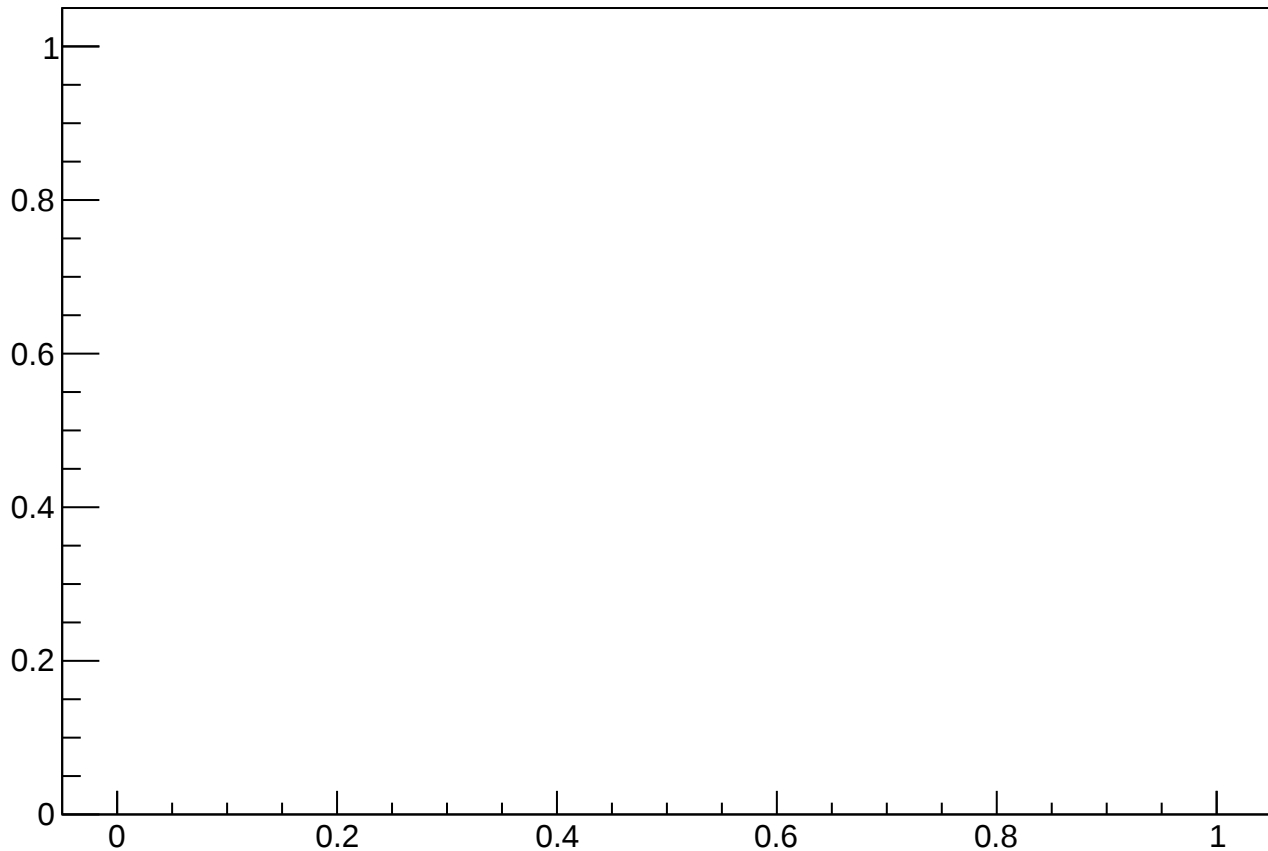
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

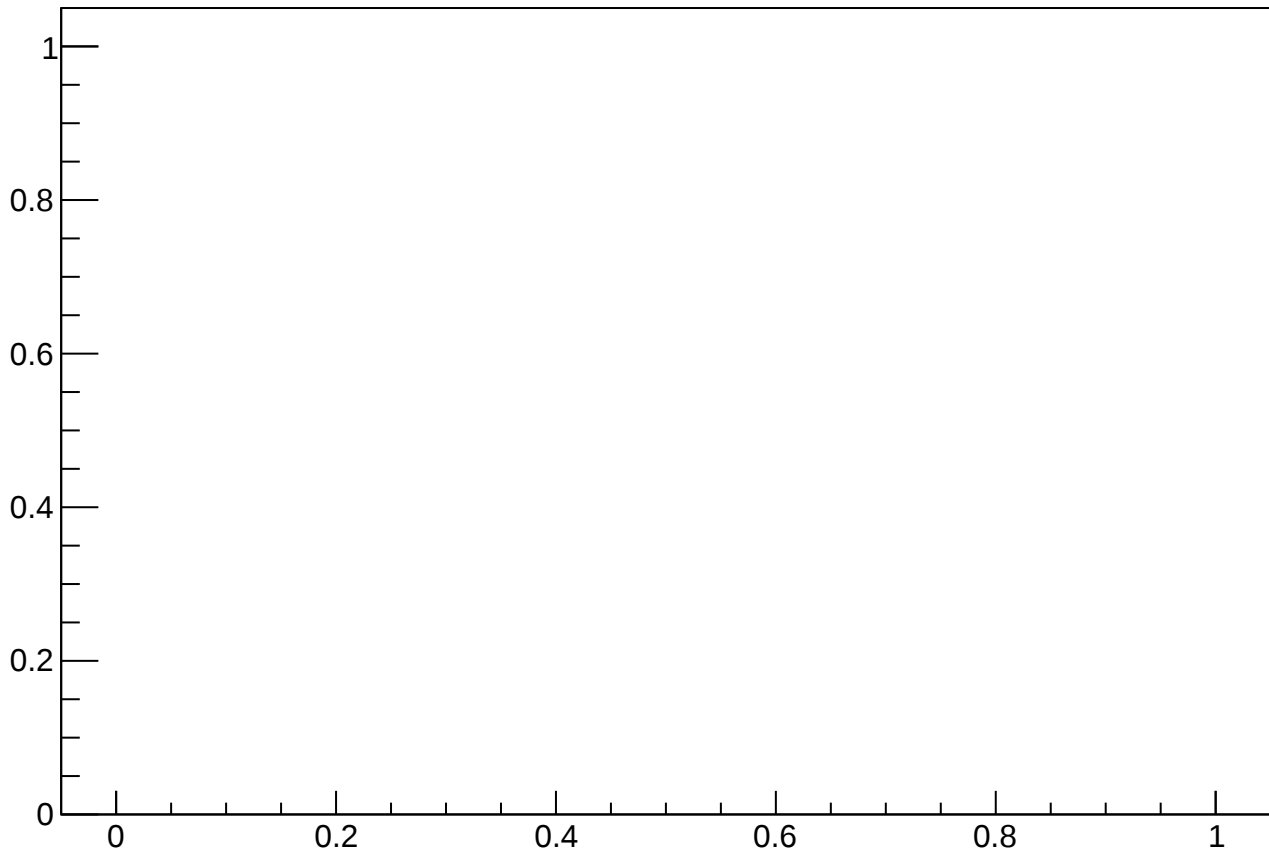
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

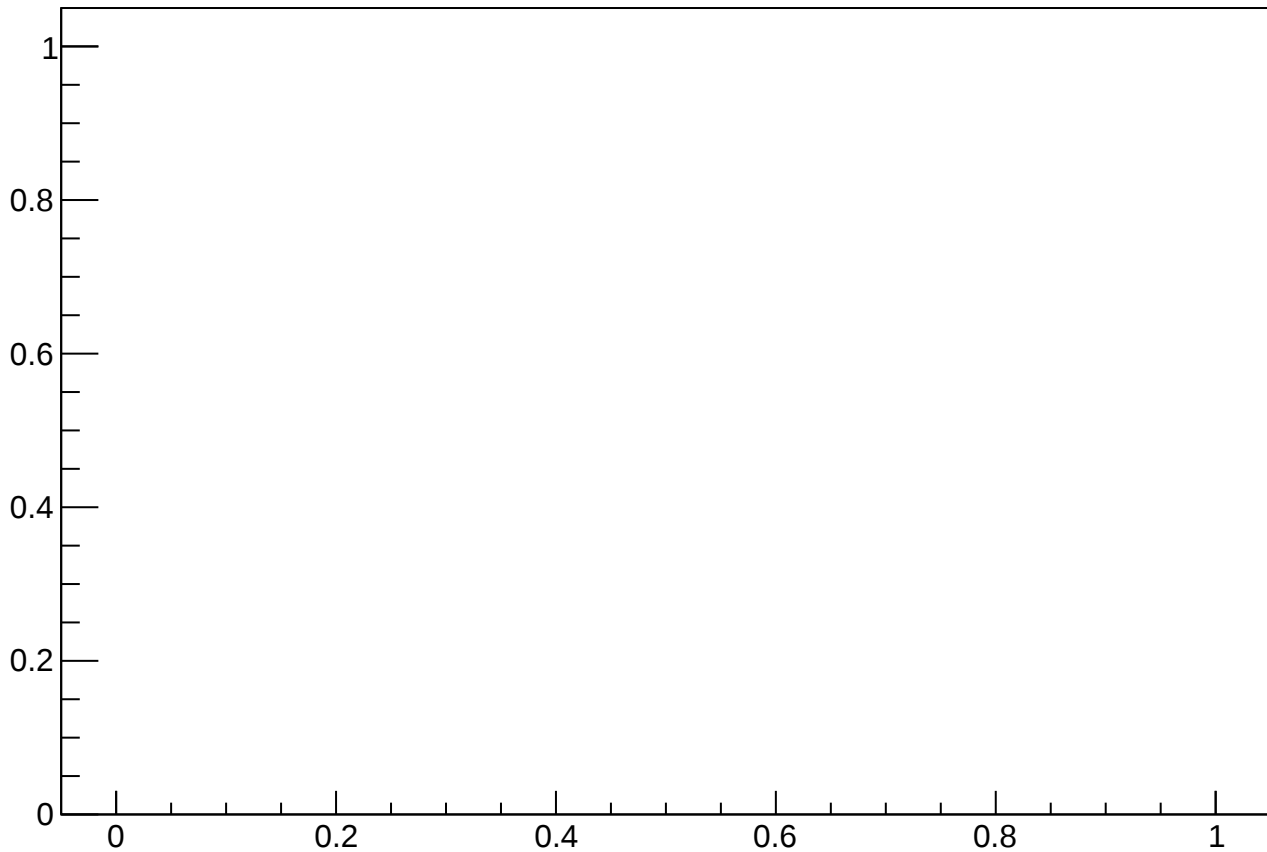
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

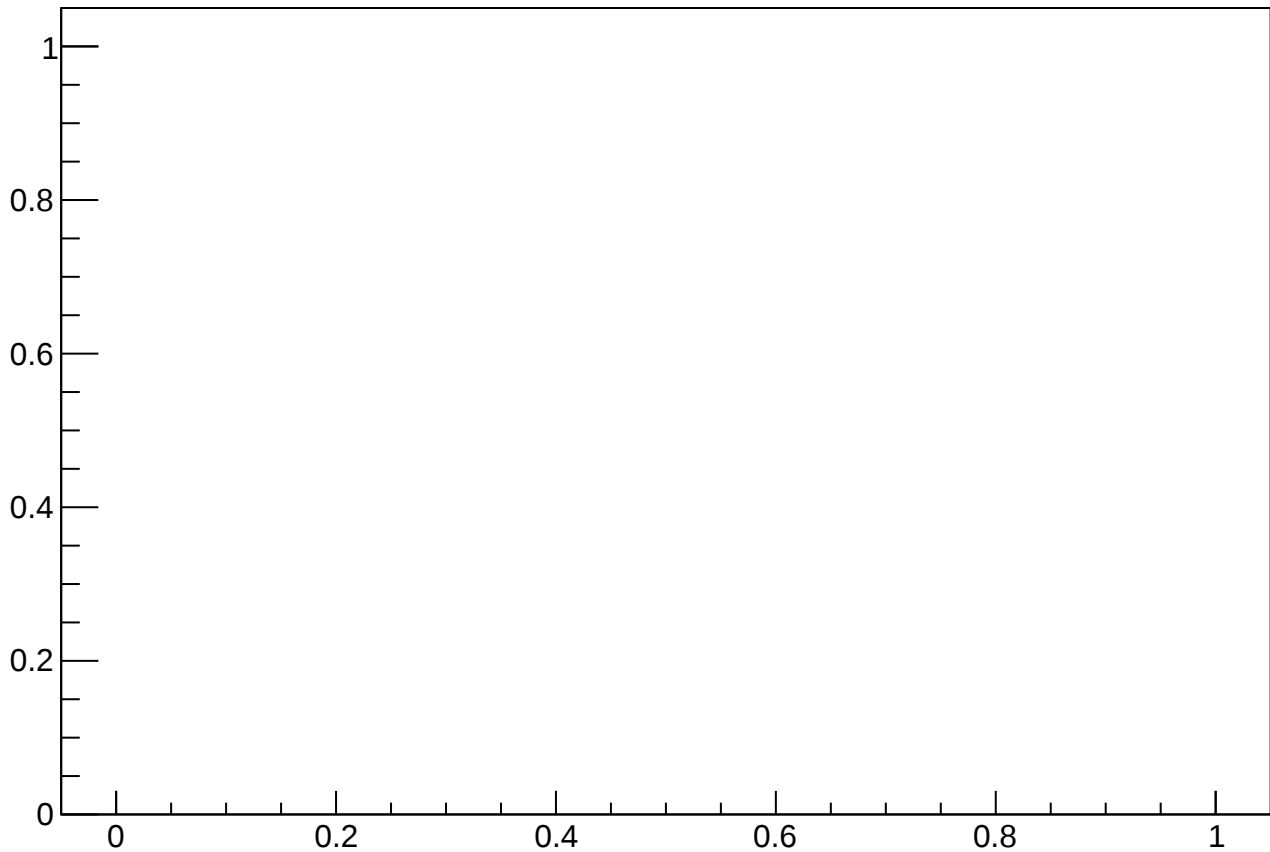
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_rms vs slug



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

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

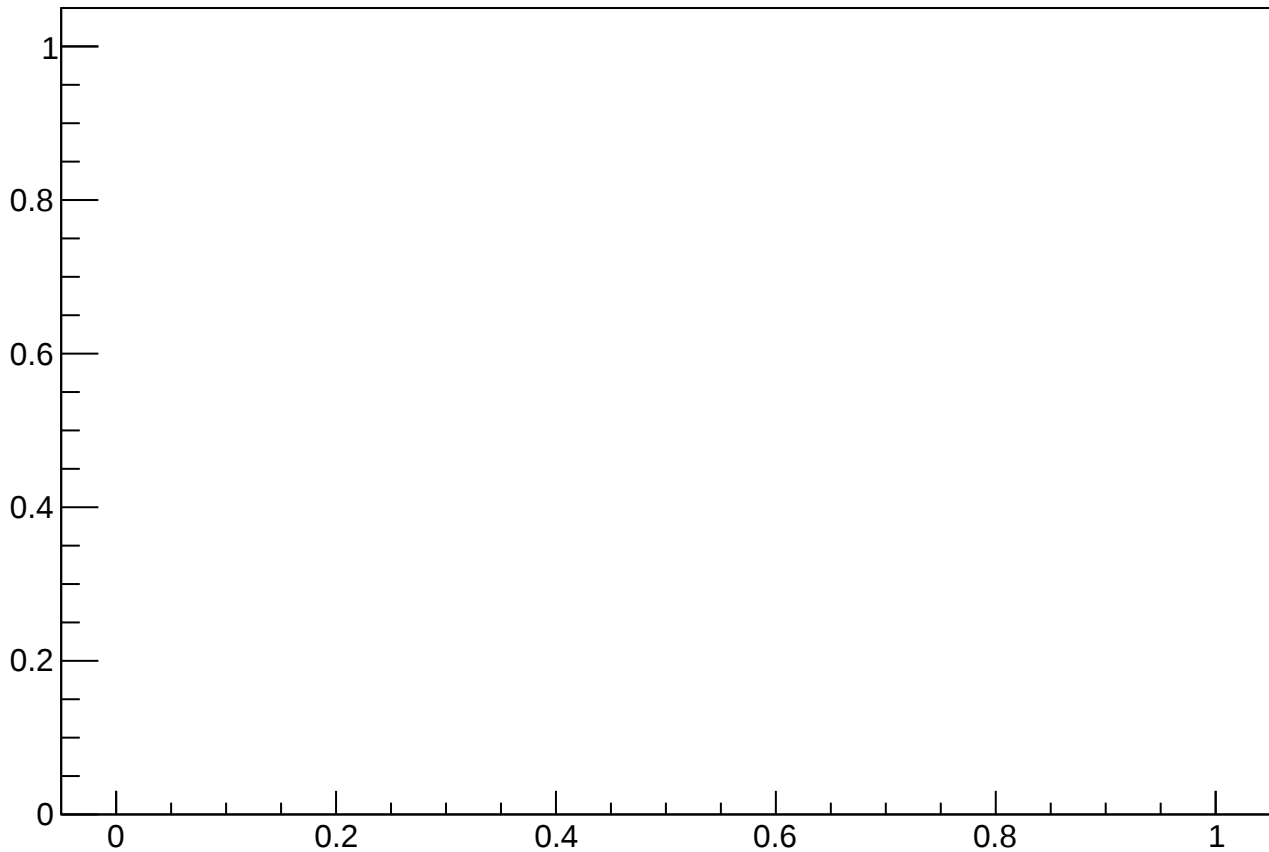
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

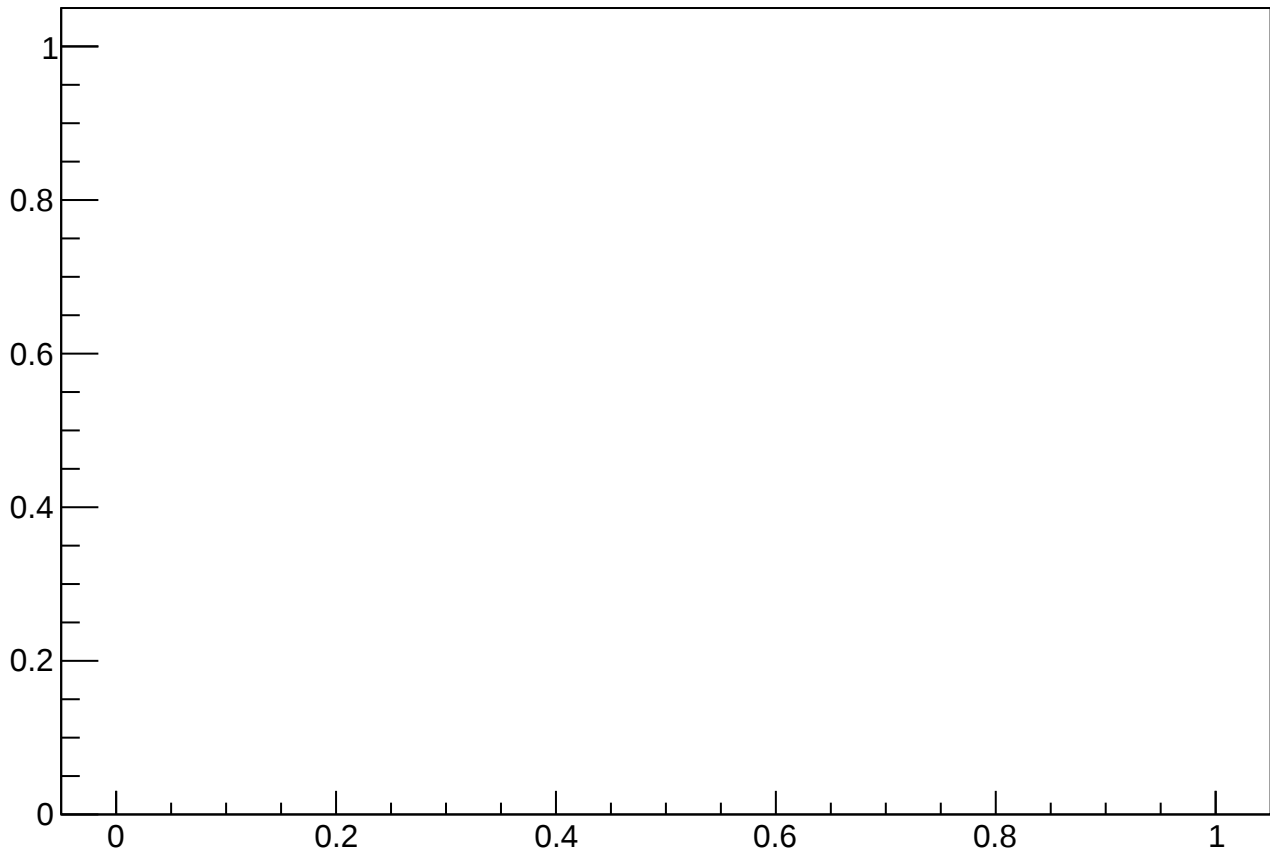
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_dd_rms vs slug



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

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

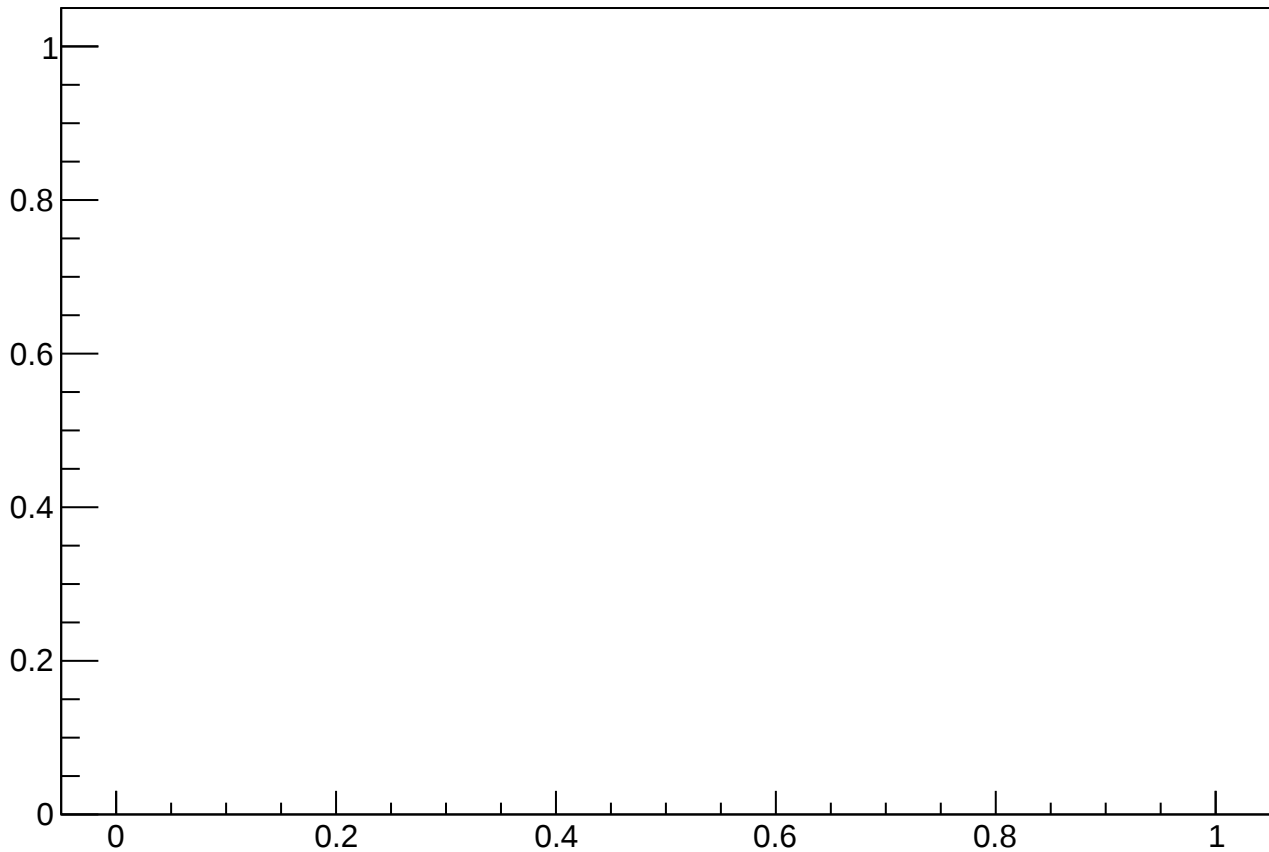
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

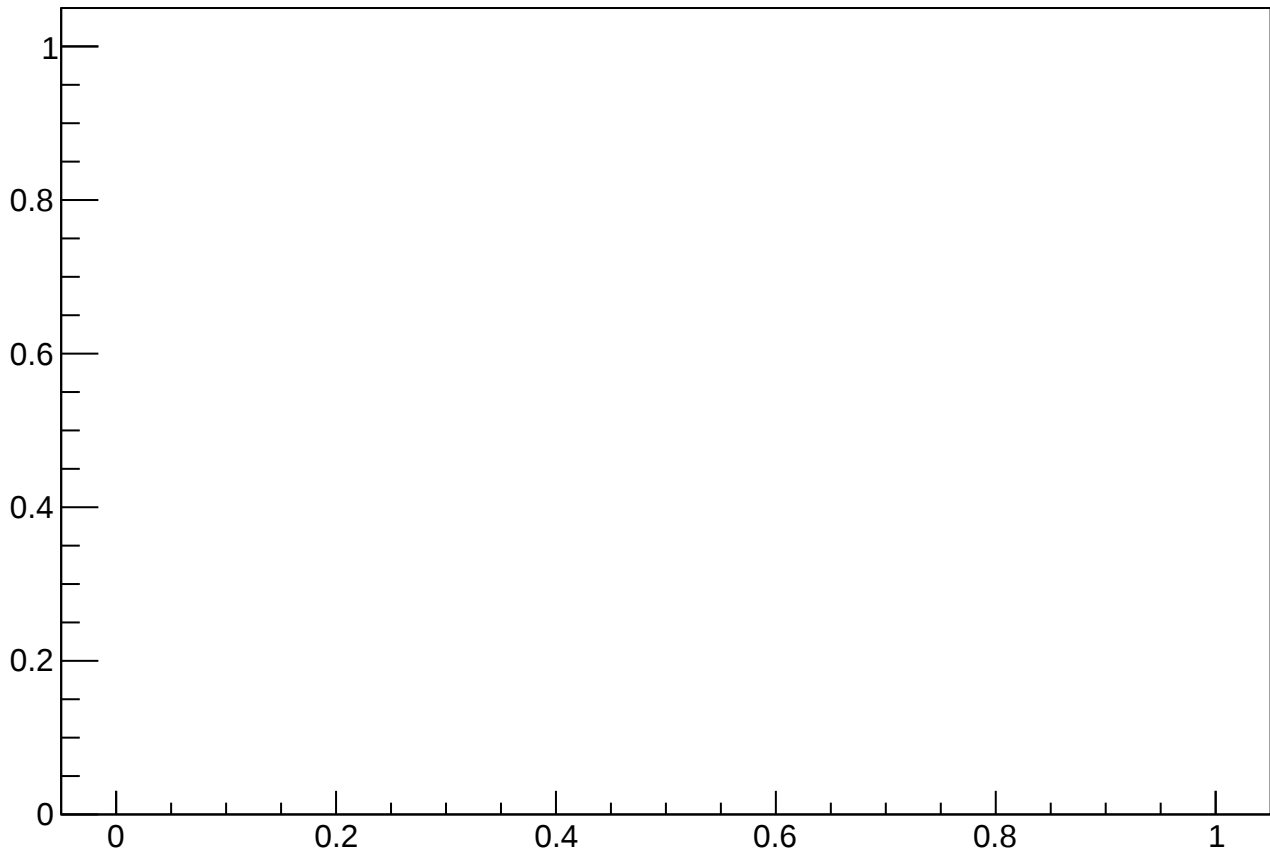
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_37_dd_rms vs slug



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

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

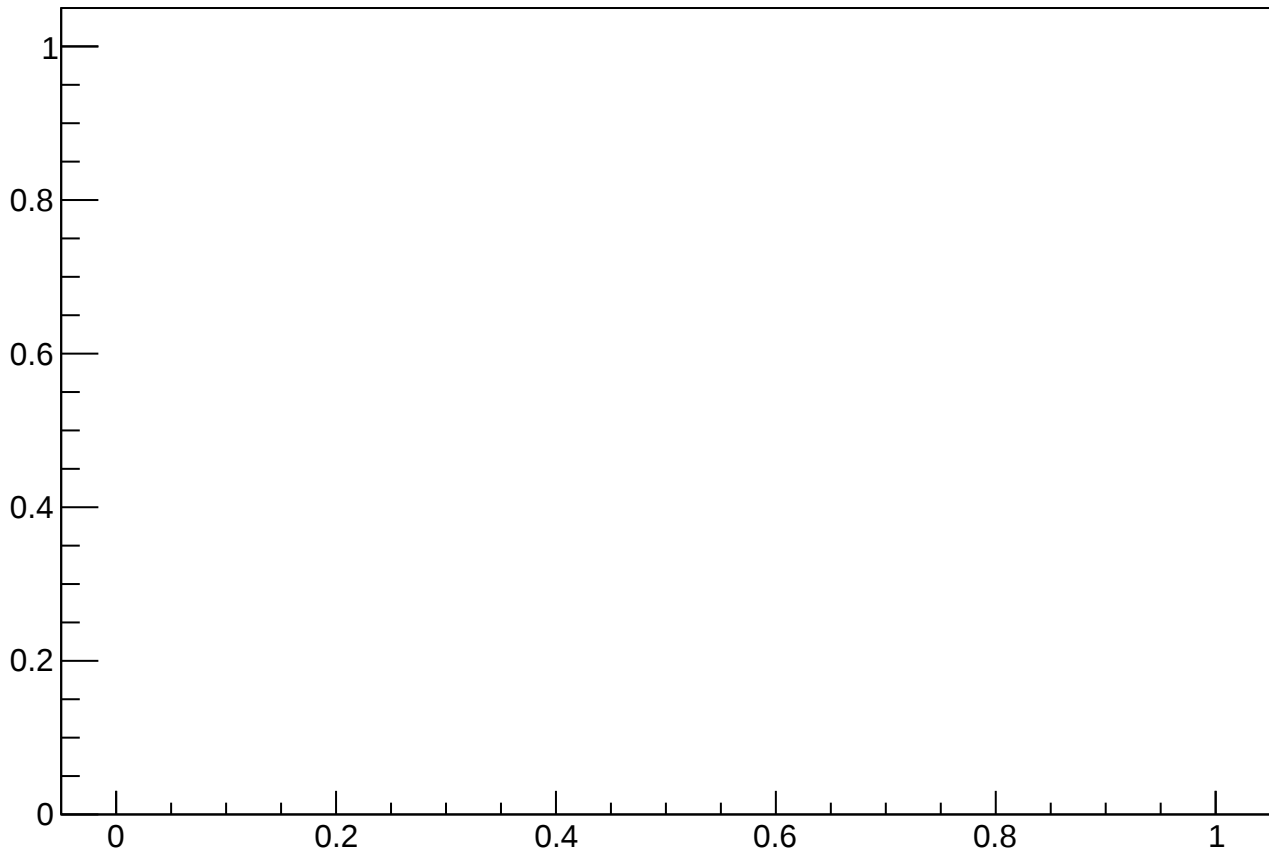
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

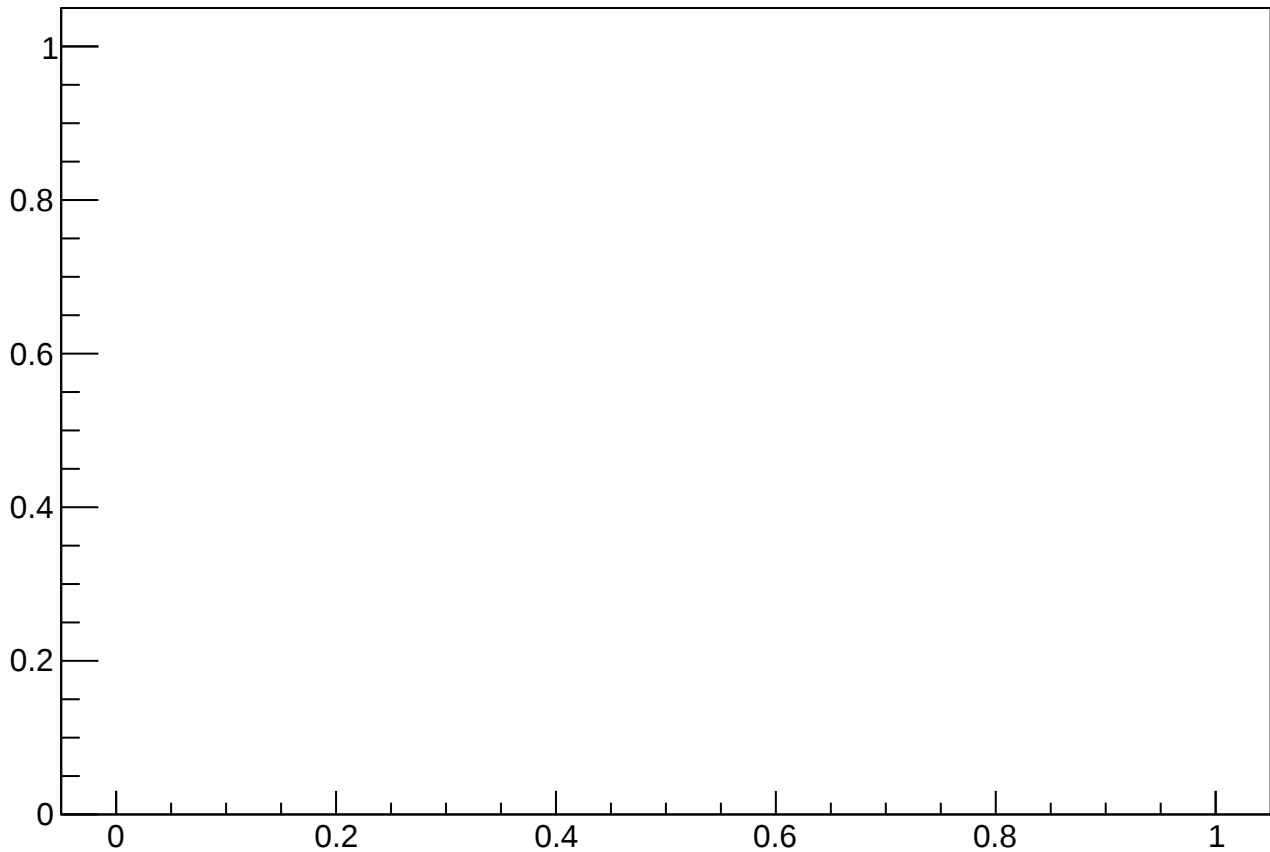
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

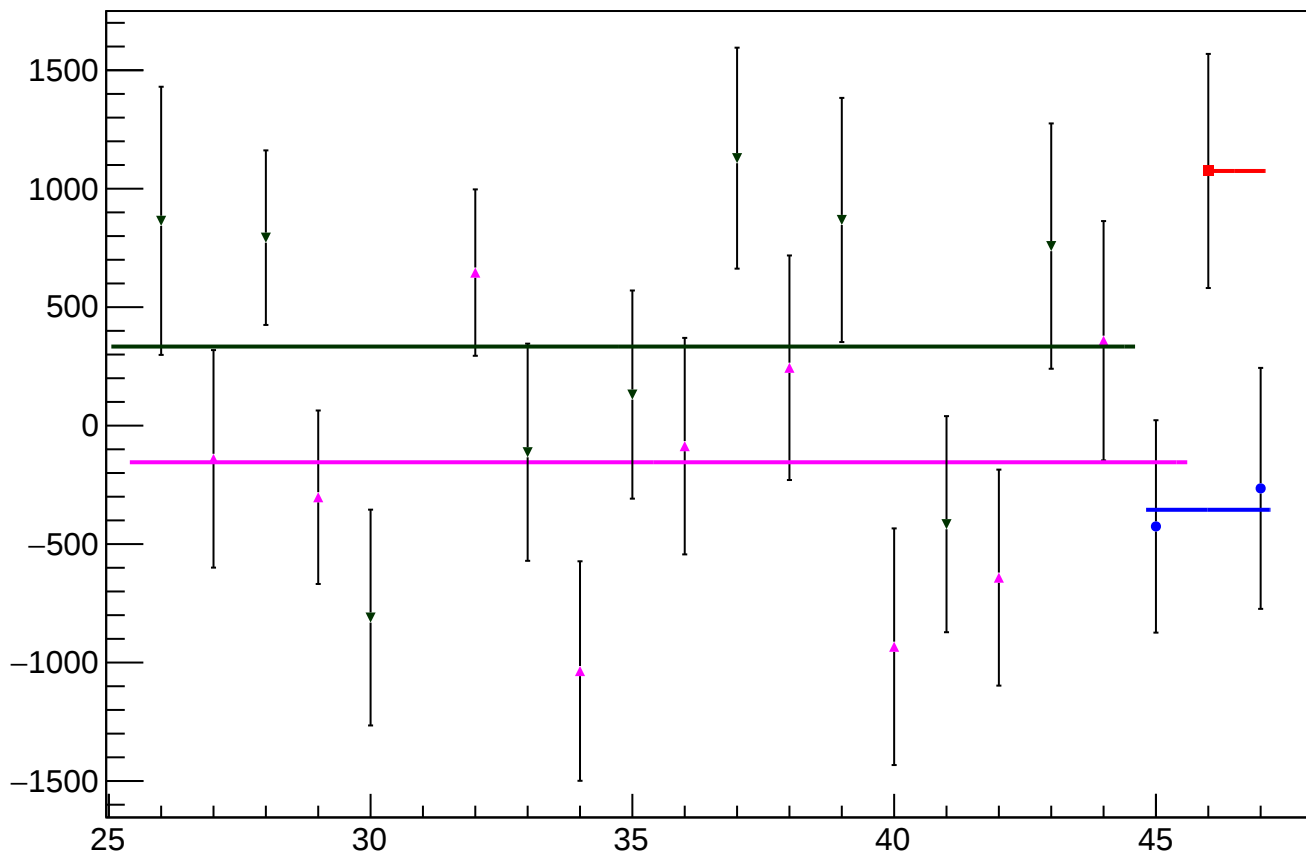
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -355.256 $\pm$ 336.281 χ^2/NDF : 0.1/1

Left Out: 333.723 $\pm$ 154.013 χ^2/NDF : 17.3/8

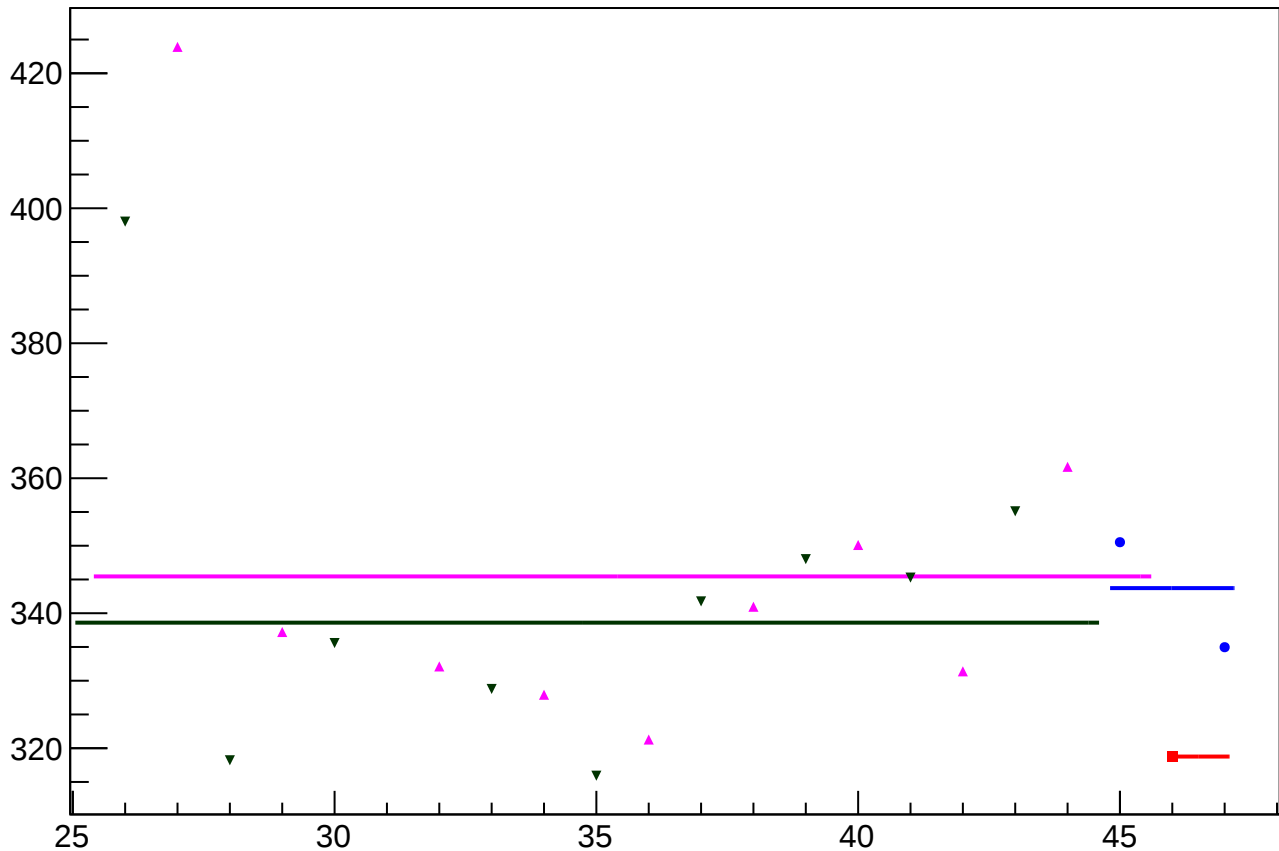
Right Out: 1074.809 $\pm$ 494.071 χ^2/NDF : 0.0/0

Left In: -154.649 $\pm$ 145.928 χ^2/NDF : 14.3/8

214.264 $\pm$ 140.026 χ^2/NDF : 20.8/10

-56.001 $\pm$ 139.951 χ^2/NDF : 20.0/9

reg_asym_sam_15_dd_rms vs slug



Right In: 343.721+/-0.238 χ^2/NDF : 1053.2/1

Left Out: 338.603+/-0.109 χ^2/NDF : 37731.2/8

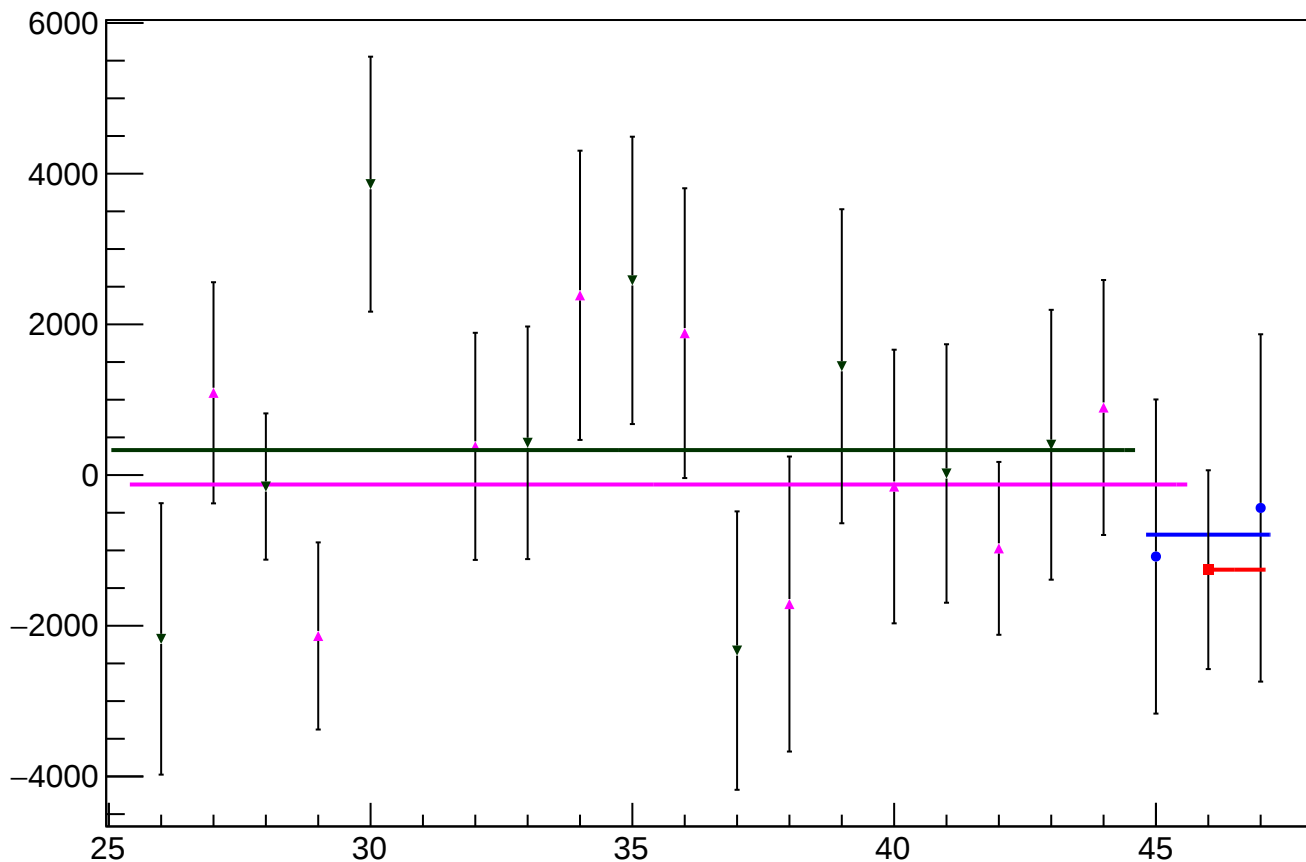
Right Out: 318.763+/-0.349 χ^2/NDF : 0.0/0

Left In: 345.453+/-0.103 χ^2/NDF : 75102.1/8

339.490+/-0.099 χ^2/NDF : 39167.3/10

343.312+/-0.099 χ^2/NDF : 80470.2/9

asym_sam_15_dd_correction_mean vs slug



Right In: -791.025+/-1546.180 χ^2/NDF : 0.0/1

Left Out: 331.481+/-527.893 χ^2/NDF : 10.3/8

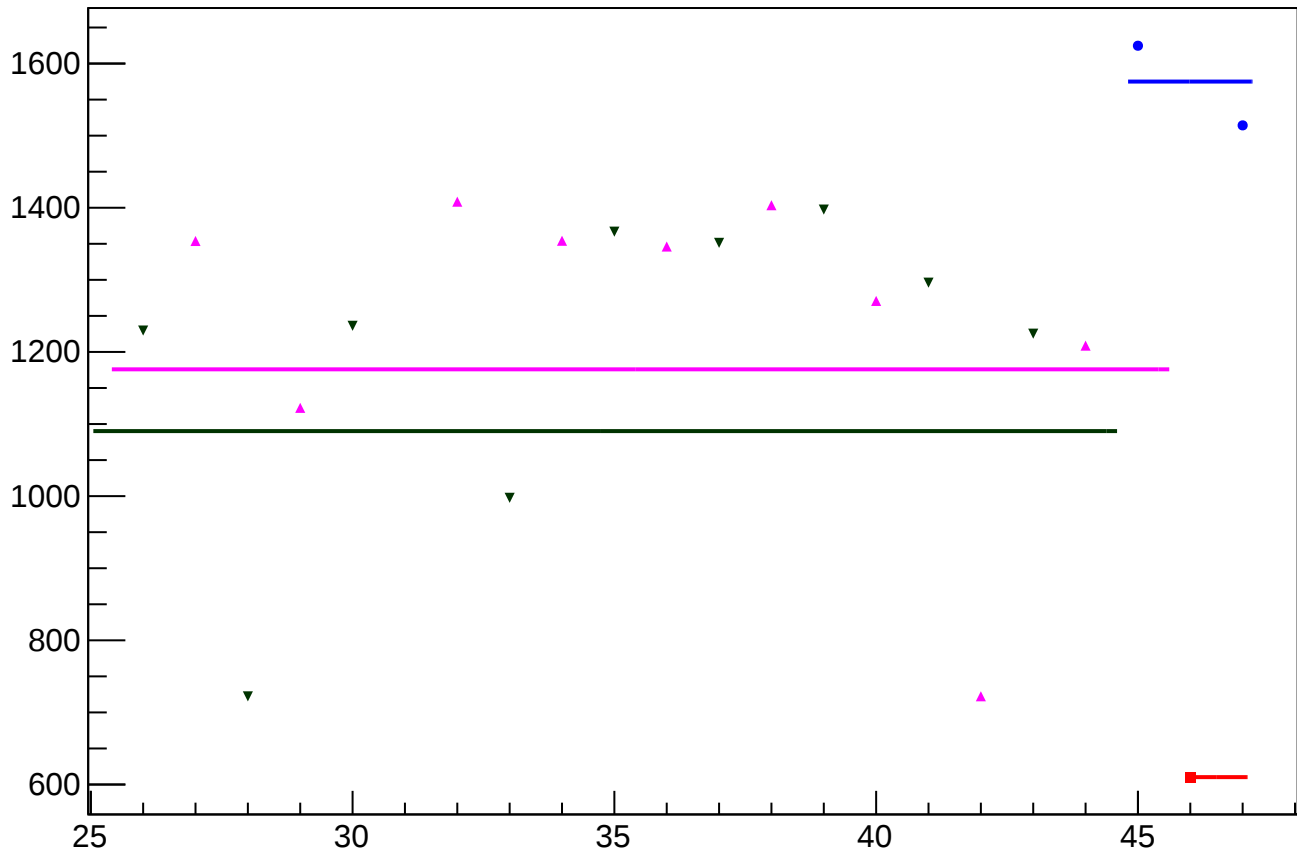
Right Out: -1255.741+/-1319.294 χ^2/NDF : 0.0/0

Left In: -125.241+/-515.151 χ^2/NDF : 7.8/8

214.295+/-499.578 χ^2/NDF : 10.8/10

-274.805+/-479.865 χ^2/NDF : 8.4/9

asym_sam_15_dd_correction_rms vs slug



Right In: 1575.020+/-1.093 χ^2/NDF : 2526.2/1

Left Out: 1090.209+/-0.373 χ^2/NDF : 487169.4/8

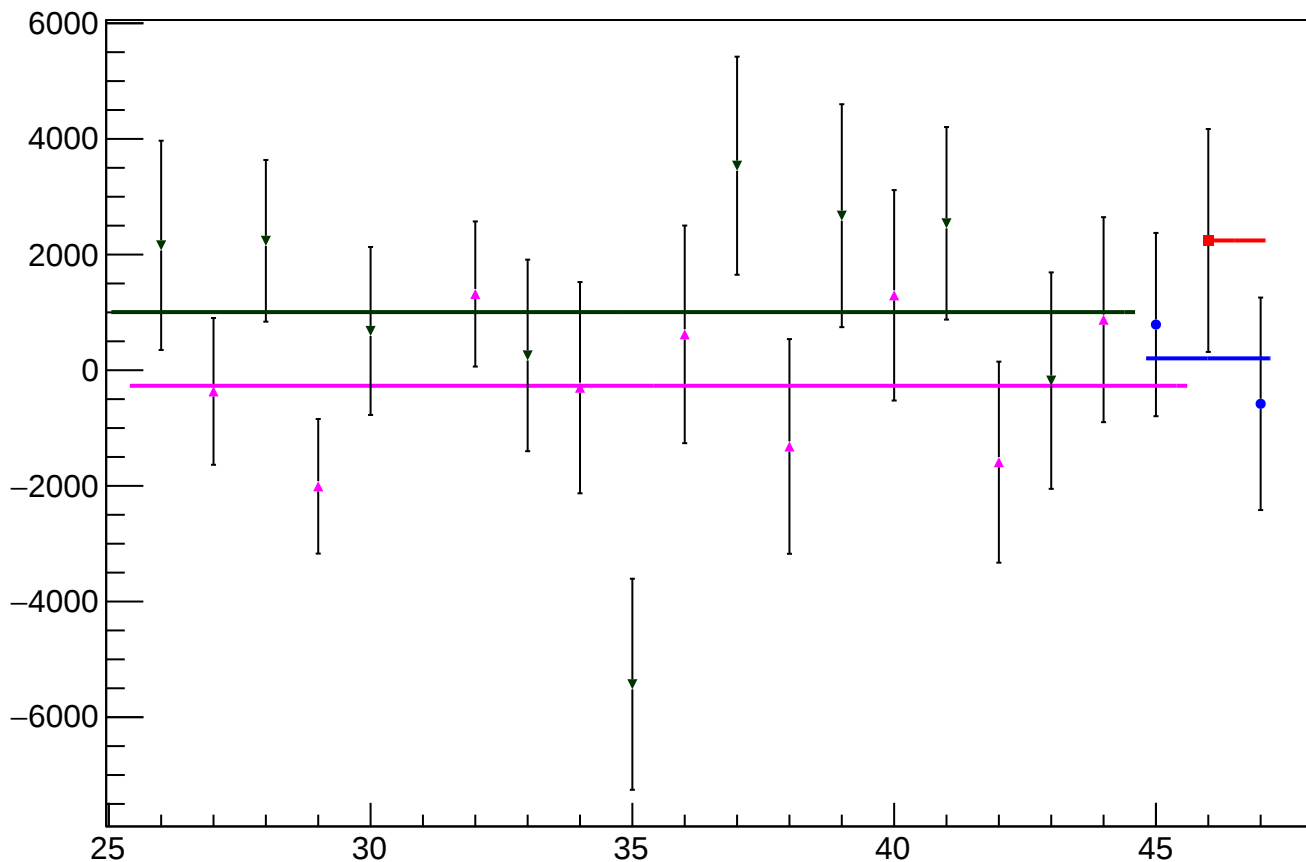
1140.821+/-0.353 χ^2/NDF : 665800.8/10

Right Out: 610.255+/-0.933 χ^2/NDF : 0.0/0

1101.042+/-0.339 χ^2/NDF : 778456.6/9

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

reg_asym_sam_26_dd_mean vs slug



Right In: 204.979 $\pm$ 1199.910 χ^2 /NDF: 0.3/1

Left Out: 1004.954 $\pm$ 563.215 χ^2 /NDF: 17.7/8

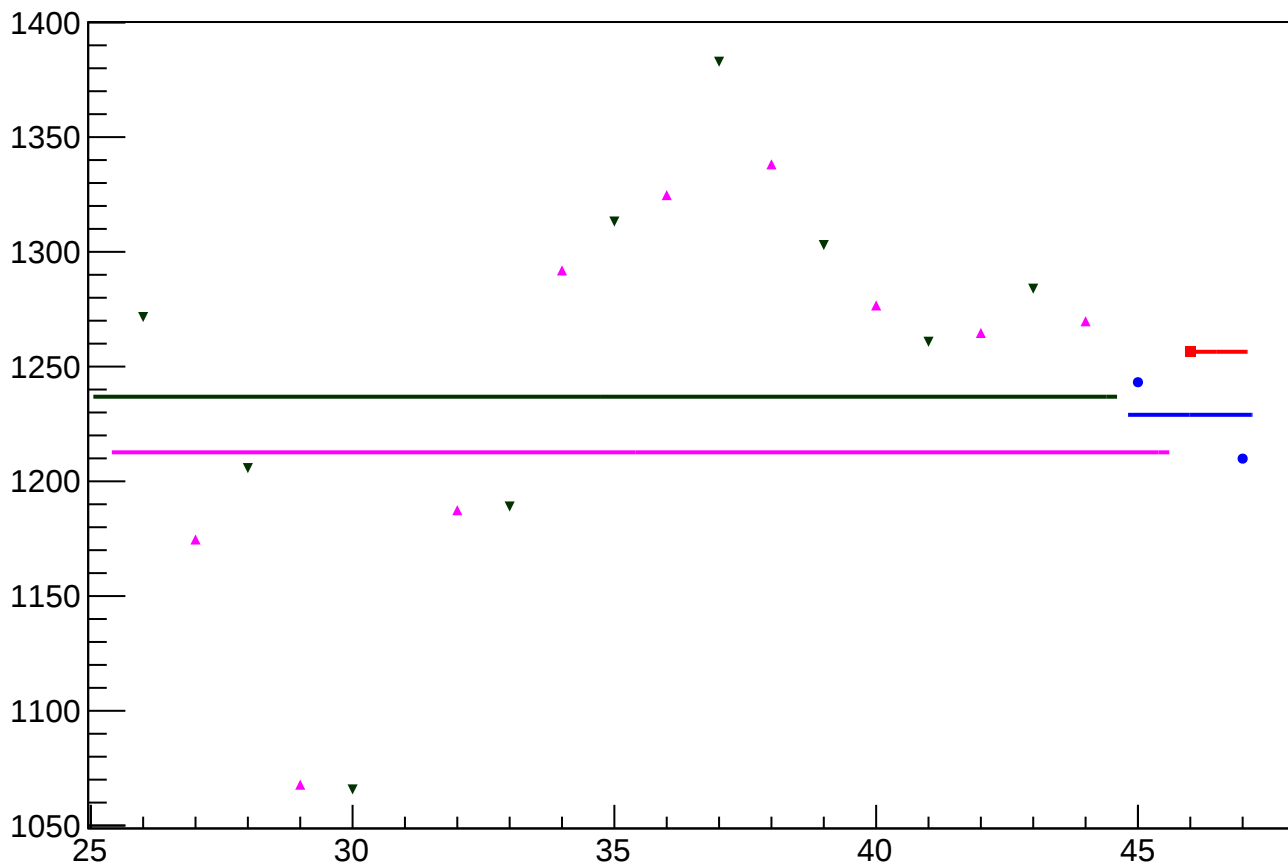
Right Out: 2243.694 $\pm$ 1927.494 χ^2 /NDF: 0.0/0

Left In: -269.126 $\pm$ 511.768 χ^2 /NDF: 6.1/8

860.525 $\pm$ 509.844 χ^2 /NDF: 18.4/10

-103.649 $\pm$ 494.631 χ^2 /NDF: 7.7/9

reg_asym_sam_26_dd_rms vs slug



Right In: 1228.984 ± 0.848 χ^2/NDF : 376.8/1

Left Out: 1236.870 ± 0.398 χ^2/NDF : 50666.9/8

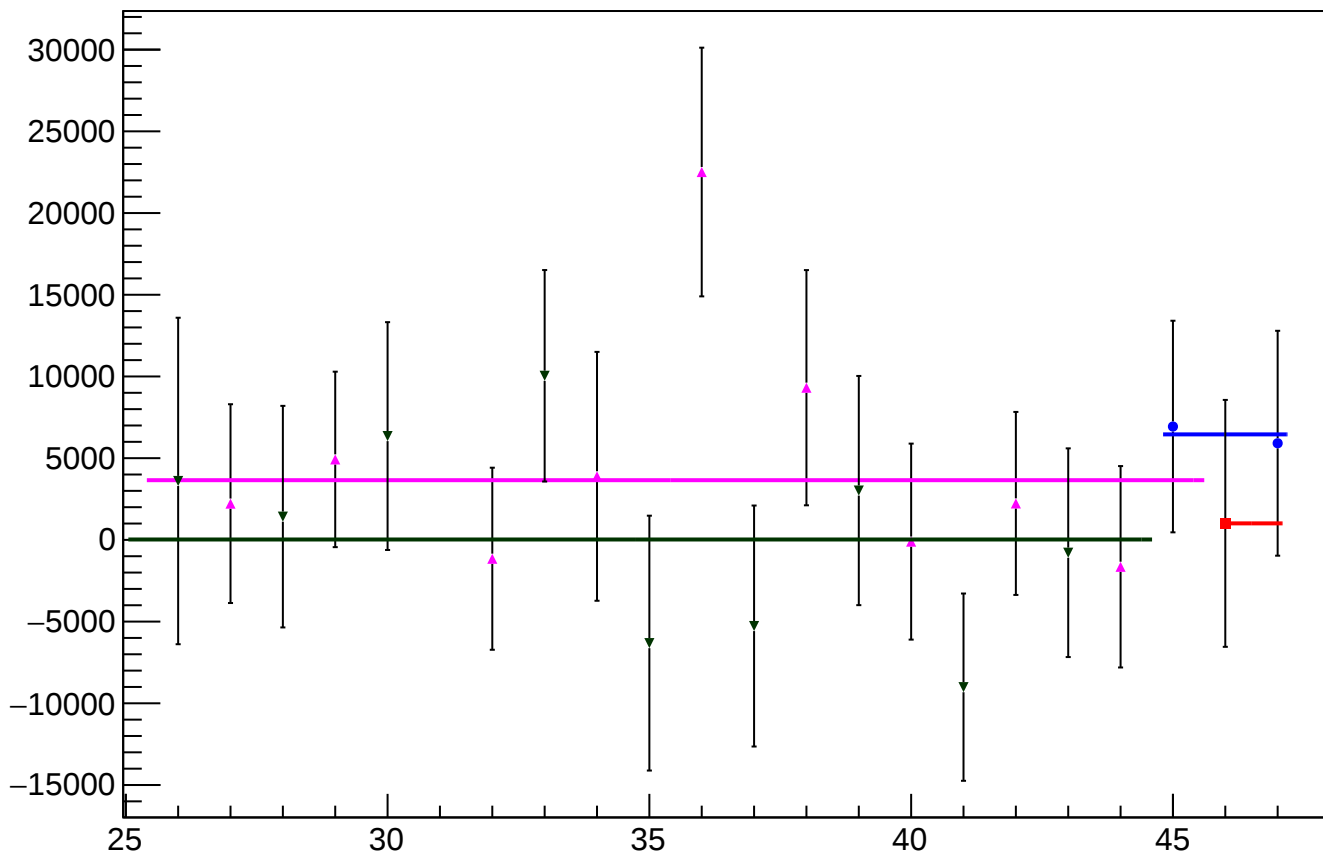
Right Out: 1256.457 ± 1.363 χ^2/NDF : 0.0/0

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1235.446 ± 0.361 χ^2/NDF : 51114.5/10

1215.524 ± 0.350 χ^2/NDF : 60903.3/9

asym_sam_26_dd_correction_mean vs slug



Right In: 6455.853 $\pm$ 4715.167 χ^2 /NDF: 0.0/1

Left Out: 23.937 $\pm$ 2316.200 χ^2 /NDF:7.3/8

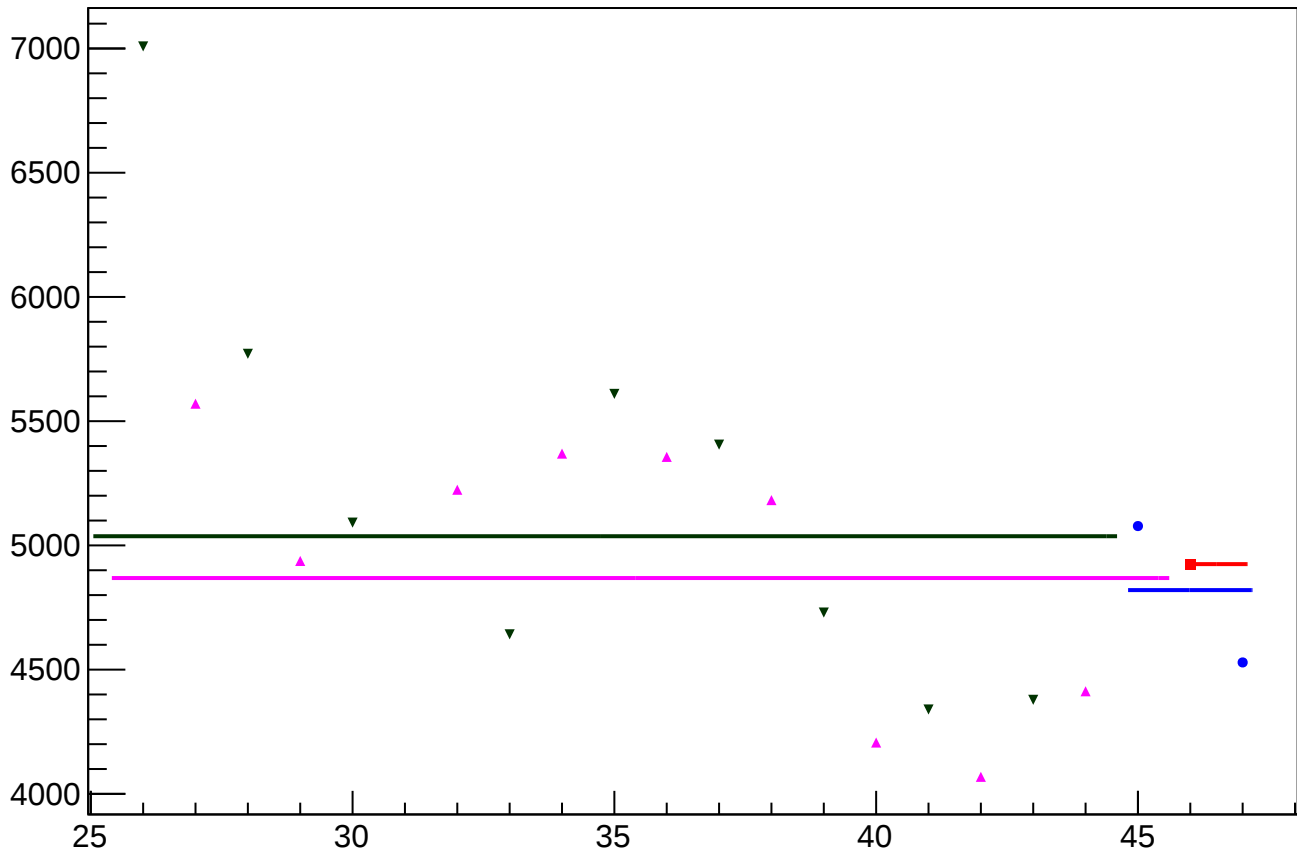
Right Out: 1010.072 $\pm$ 7554.681 χ^2 /NDF: 0.0/0

Left In: 3653.038 $\pm$ 2068.097 χ^2 /NDF:8.8/8

1274.257 $\pm$ 2078.919 χ^2 /NDF: 8.8/10

3468.784 $\pm$ 1994.706 χ^2 /NDF: 8.9/9

asym_sam_26_dd_correction_rms vs slug



Right In: 4820.119+/-3.334 χ^2/NDF : 6750.8/1

Left Out: 5036.928+/-1.638 χ^2/NDF : 179439.1/8

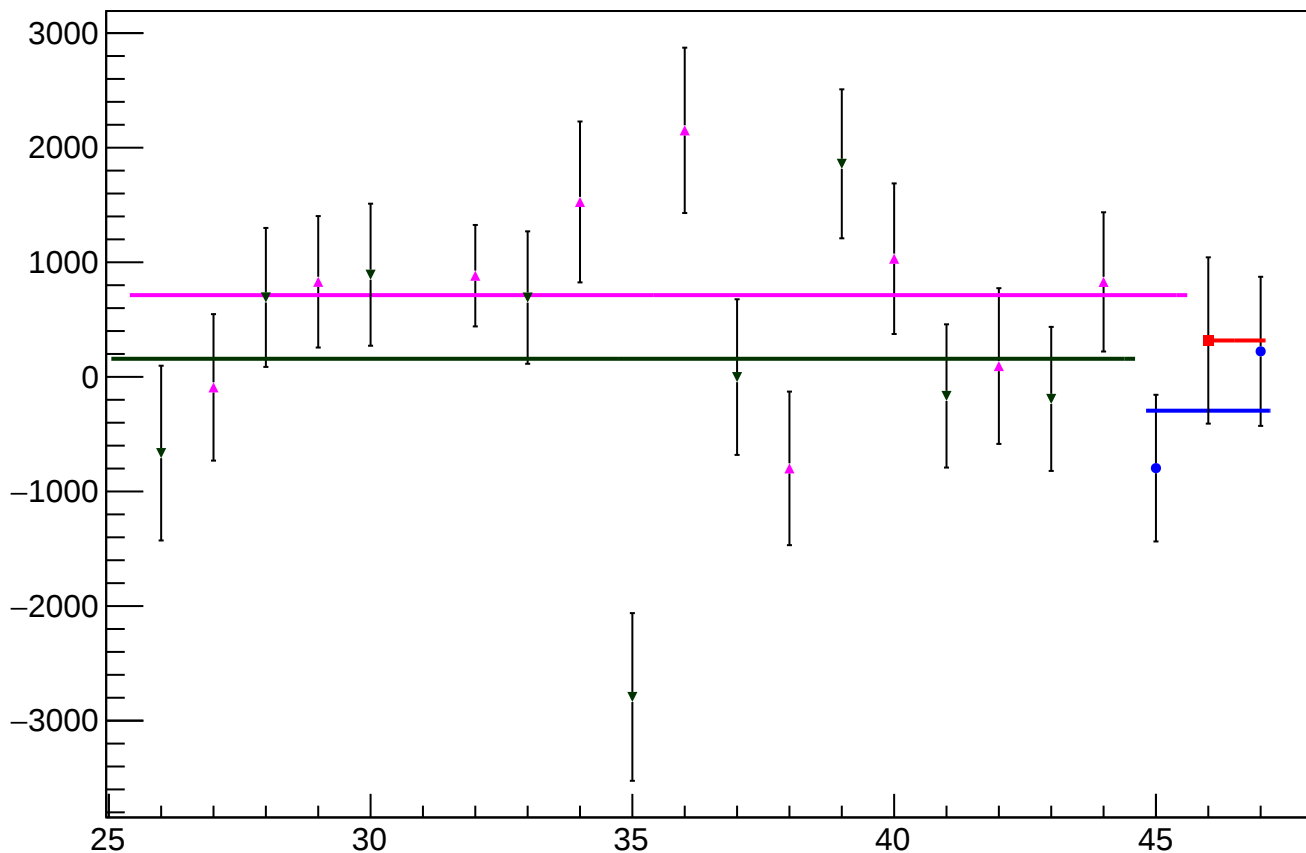
Right Out: 4924.690+/-5.342 χ^2/NDF : 0.0/0

Left In: 4868.644+/-1.462 χ^2/NDF : 131901.5/8

4994.782+/-1.470 χ^2/NDF : 189596.5/10

4872.551+/-1.410 χ^2/NDF : 132003.9/9

reg_asym_sam_37_dd_mean vs slug



Right In: -295.036+/-456.196 χ^2/NDF : 1.2/1

Left Out: 157.928+/-215.506 χ^2/NDF : 28.0/8

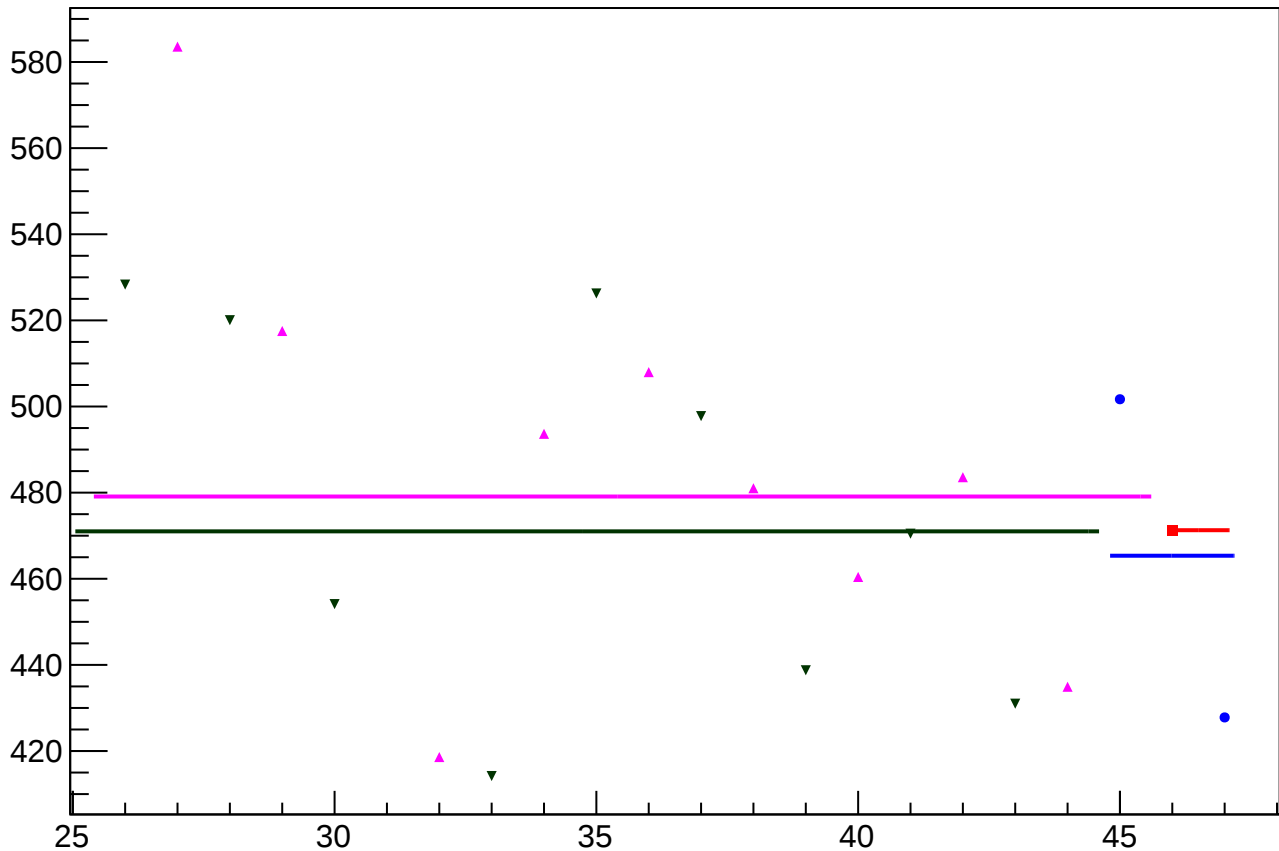
Right Out: 317.663+/-725.504 χ^2/NDF : 0.0/0

Left In: 713.441+/-204.299 χ^2/NDF : 13.3/8

75.287+/-194.858 χ^2/NDF : 30.0/10

684.363+/-196.651 χ^2/NDF : 13.6/9

reg_asym_sam_37_dd_rms vs slug



Right In: 465.351 ± 0.323 χ^2/NDF : 13112.2/1

Left Out: 471.009 ± 0.152 χ^2/NDF : 72737.7/8

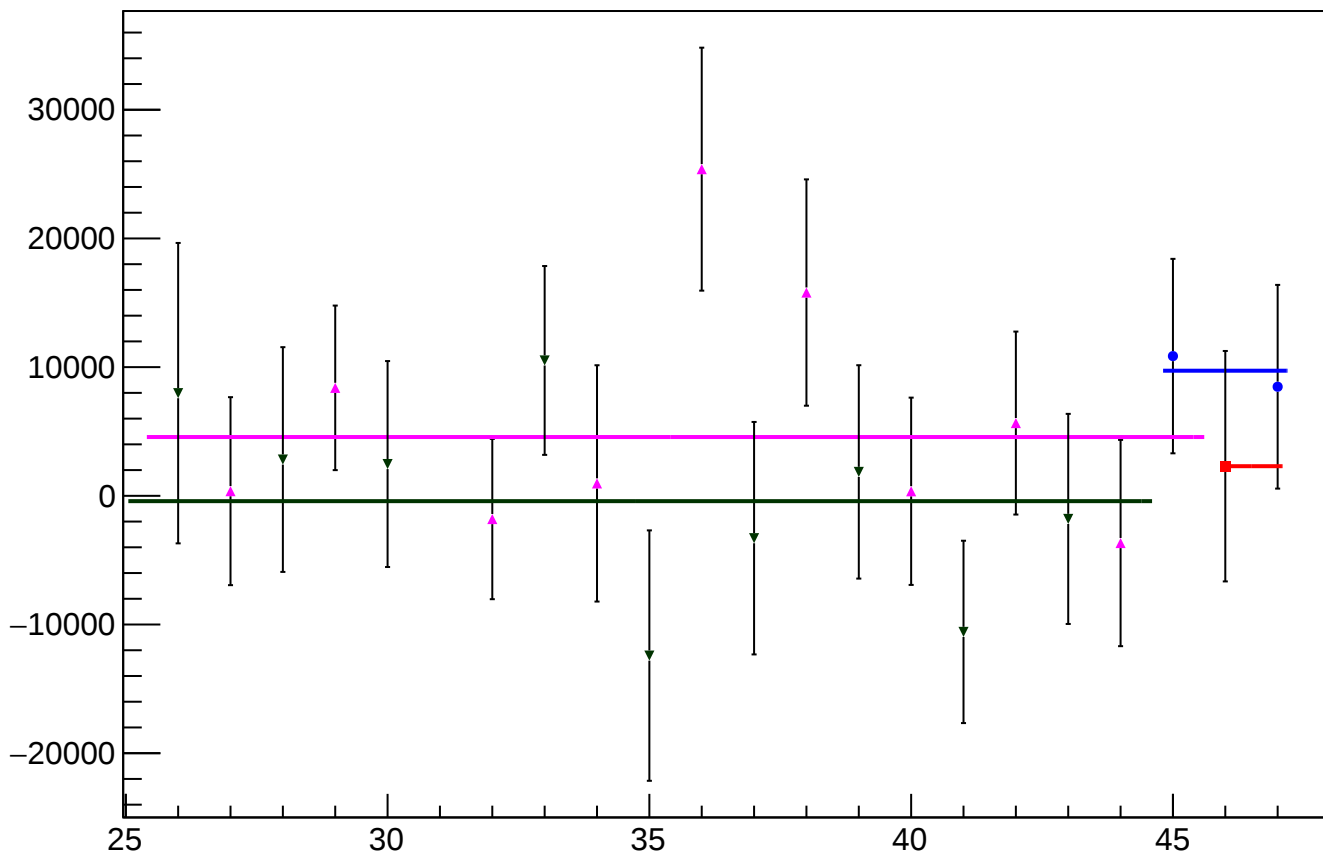
Right Out: 471.278 ± 0.513 χ^2/NDF : 0.0/0

Left In: 479.100 ± 0.144 χ^2/NDF : 116130.5/8

469.976 ± 0.138 χ^2/NDF : 86101.4/10

478.526 ± 0.139 χ^2/NDF : 116345.9/9

asym_sam_37_dd_correction_mean vs slug



Right In: 9722.516+/-5465.243 χ^2/NDF : 0.0/1

Left Out: -413.785+/-2806.714 χ^2/NDF : 6.8/8

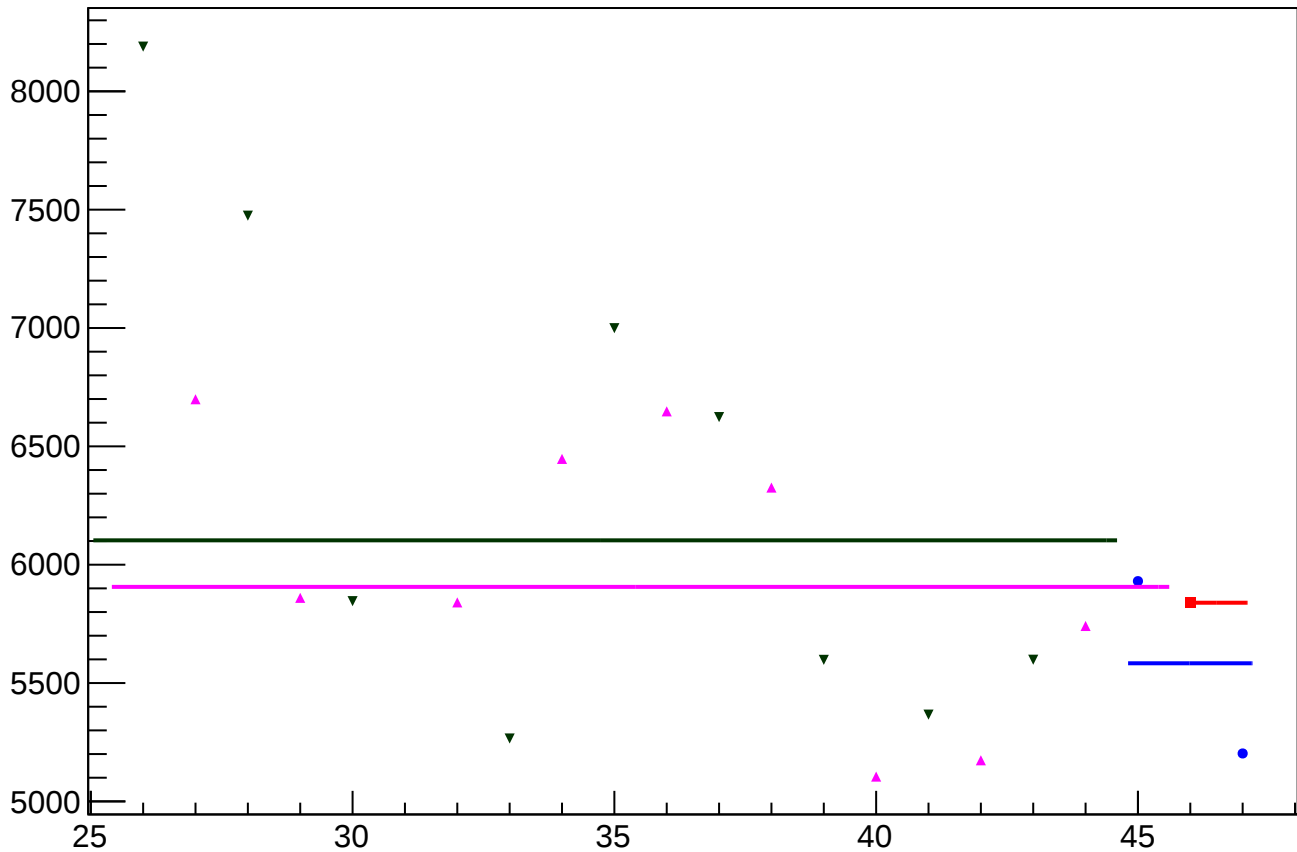
Right Out: 2302.498+/-8953.828 χ^2/NDF : 0.0/0

Left In: 4568.925+/-2506.004 χ^2/NDF : 9.8/8

1701.645+/-2496.716 χ^2/NDF : 9.6/10

4404.285+/-2413.267 χ^2/NDF : 9.9/9

asym_sam_37_dd_correction_rms vs slug



Right In: 5583.479+/-3.865 χ^2/NDF : 8854.3/1

Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

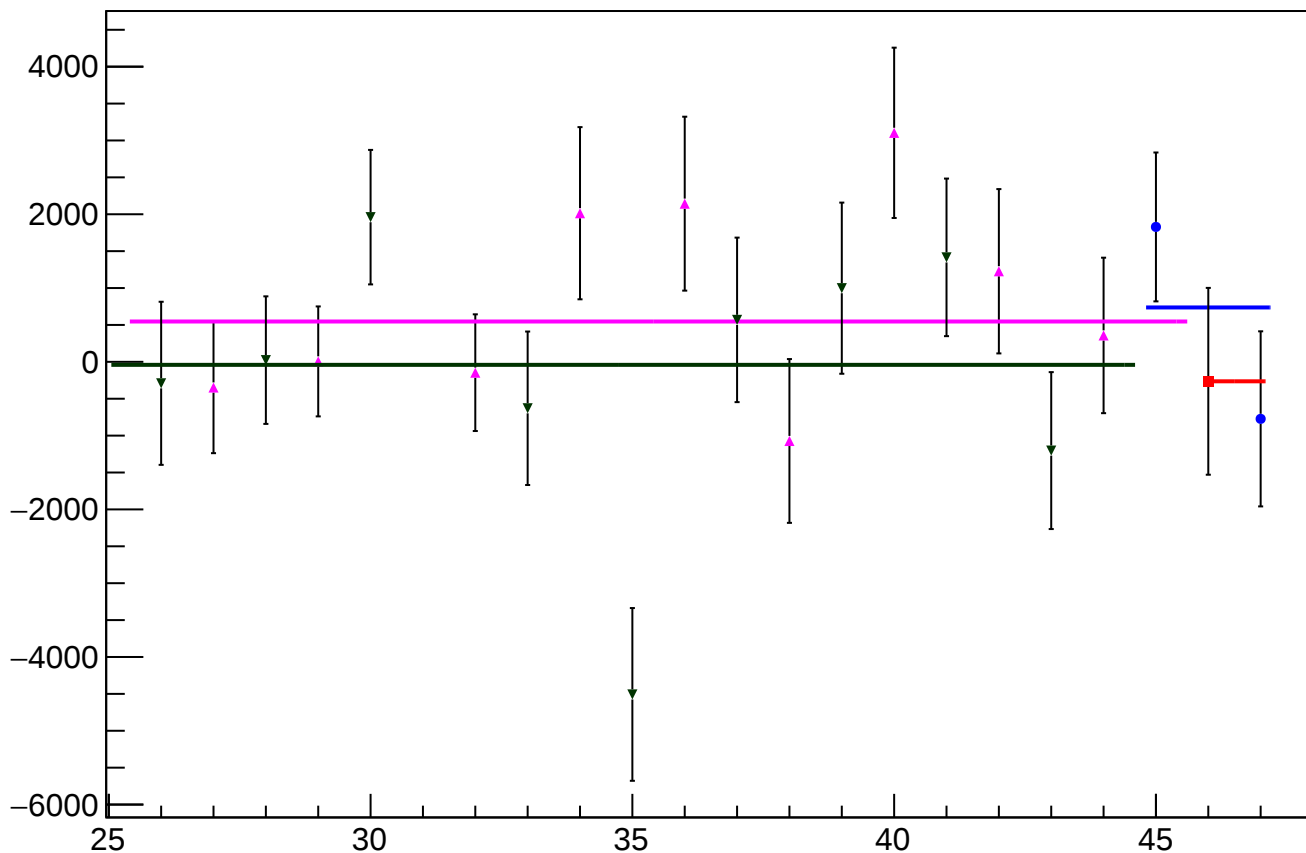
Right Out: 5839.354+/-6.331 χ^2/NDF : 0.0/0

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

5994.528+/-1.765 χ^2/NDF : 224749.7/10

5901.428+/-1.706 χ^2/NDF : 94171.4/9

reg_asym_sam_48_dd_mean vs slug



Right In: 736.907 $\pm$ 768.536 χ^2 /NDF: 2.8/1

Left Out: -40.923 $\pm$ 346.578 χ^2 /NDF:23.9/8

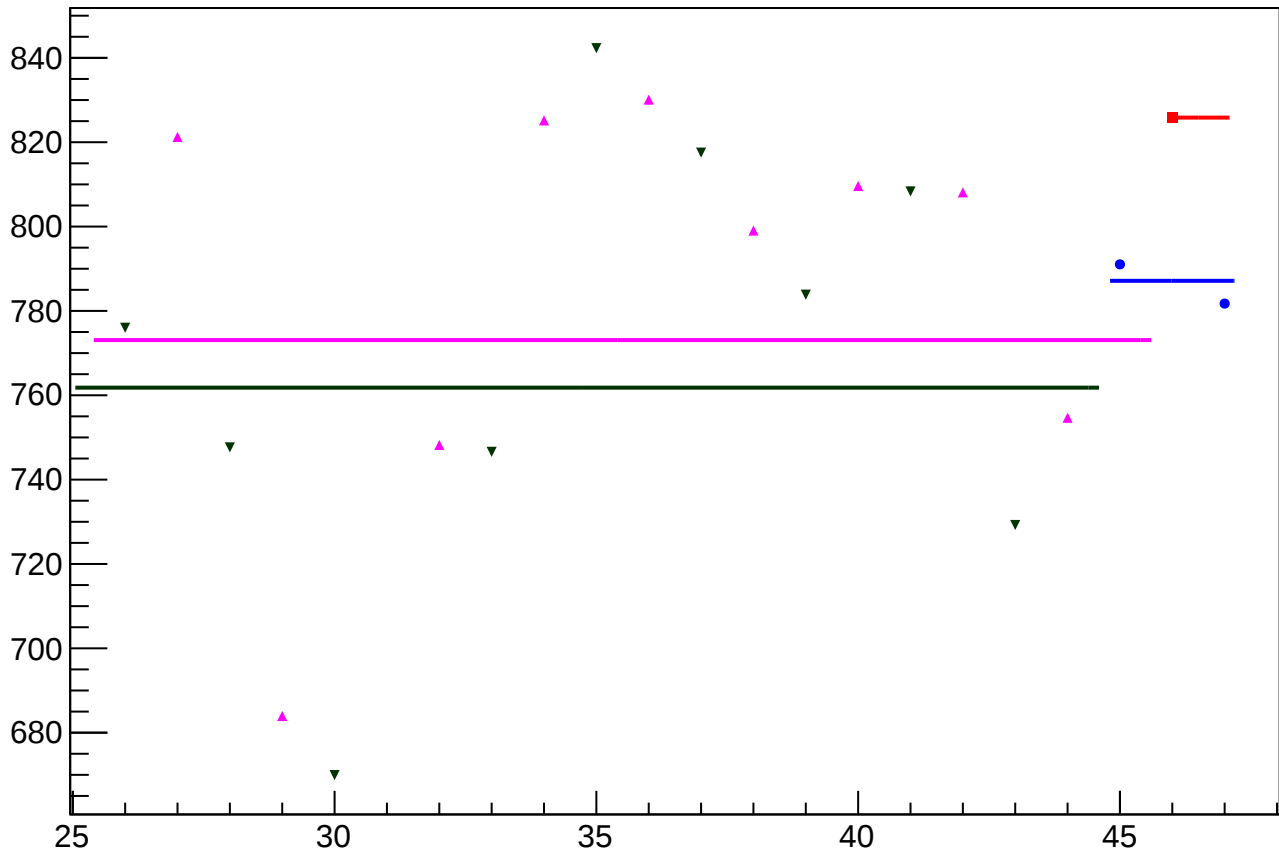
Right Out: -263.927 $\pm$ 1266.013 χ^2 /NDF: 0.0/0

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF:13.2/8

90.527 $\pm$ 315.938 χ^2 /NDF: 27.6/10

496.030 $\pm$ 316.040 χ^2 /NDF: 13.6/9

reg_asym_sam_48_dd_rms vs slug



Right In: 787.135 ± 0.543 χ^2/NDF : 71.3/1

Left Out: 761.807 ± 0.245 χ^2/NDF : 42466.1/8

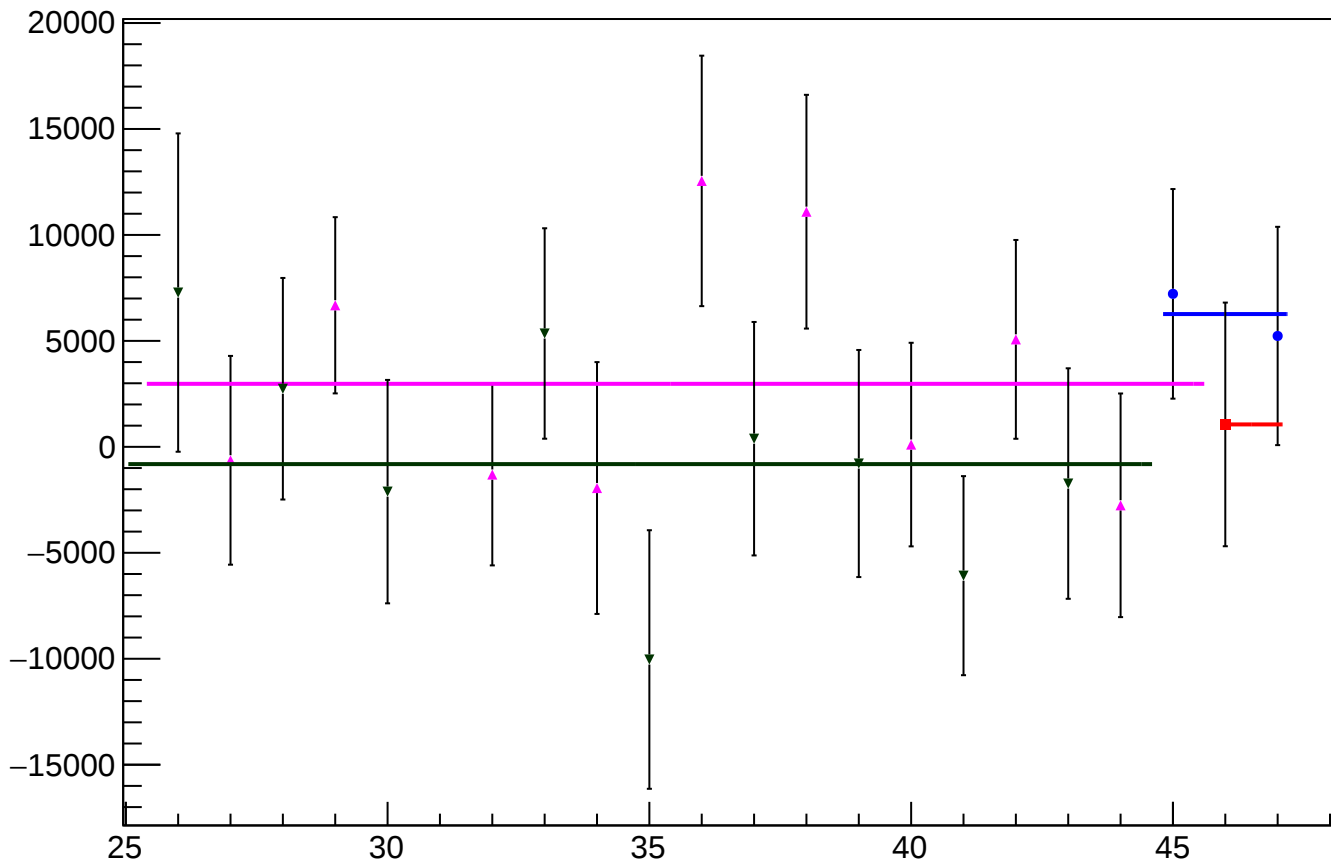
766.087 ± 0.223 χ^2/NDF : 44342.6/10

Right Out: 825.838 ± 0.895 χ^2/NDF : 0.0/0

776.376 ± 0.223 χ^2/NDF : 54065.0/9

Left In: 773.088 ± 0.231 χ^2/NDF : 50809.2/8

asym_sam_48_dd_correction_mean vs slug



Right In: 6266.070+/-3567.619 χ^2/NDF : 0.1/1

Left Out: -814.730+/-1811.752 χ^2/NDF : 6.8/8

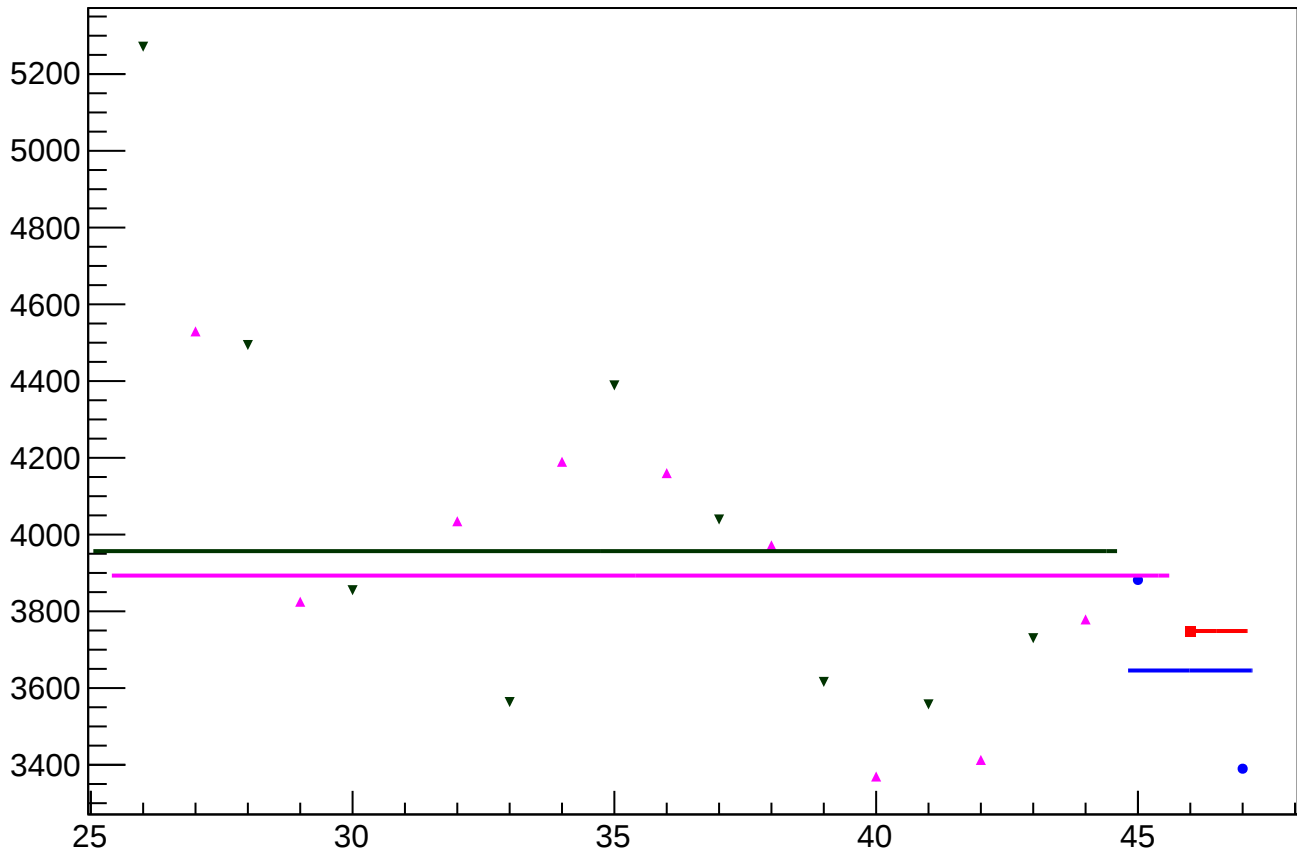
Right Out: 1058.173+/-5748.787 χ^2/NDF : 0.0/0

Left In: 2973.562+/-1648.529 χ^2/NDF : 9.5/8

636.976+/-1615.387 χ^2/NDF : 10.1/10

2828.023+/-1584.661 χ^2/NDF : 9.6/9

asym_sam_48_dd_correction_rms vs slug



Right In: 3645.782+/-2.523 χ^2/NDF : 9488.1/1

Left Out: 3956.868+/-1.281 χ^2/NDF :132161.2/8

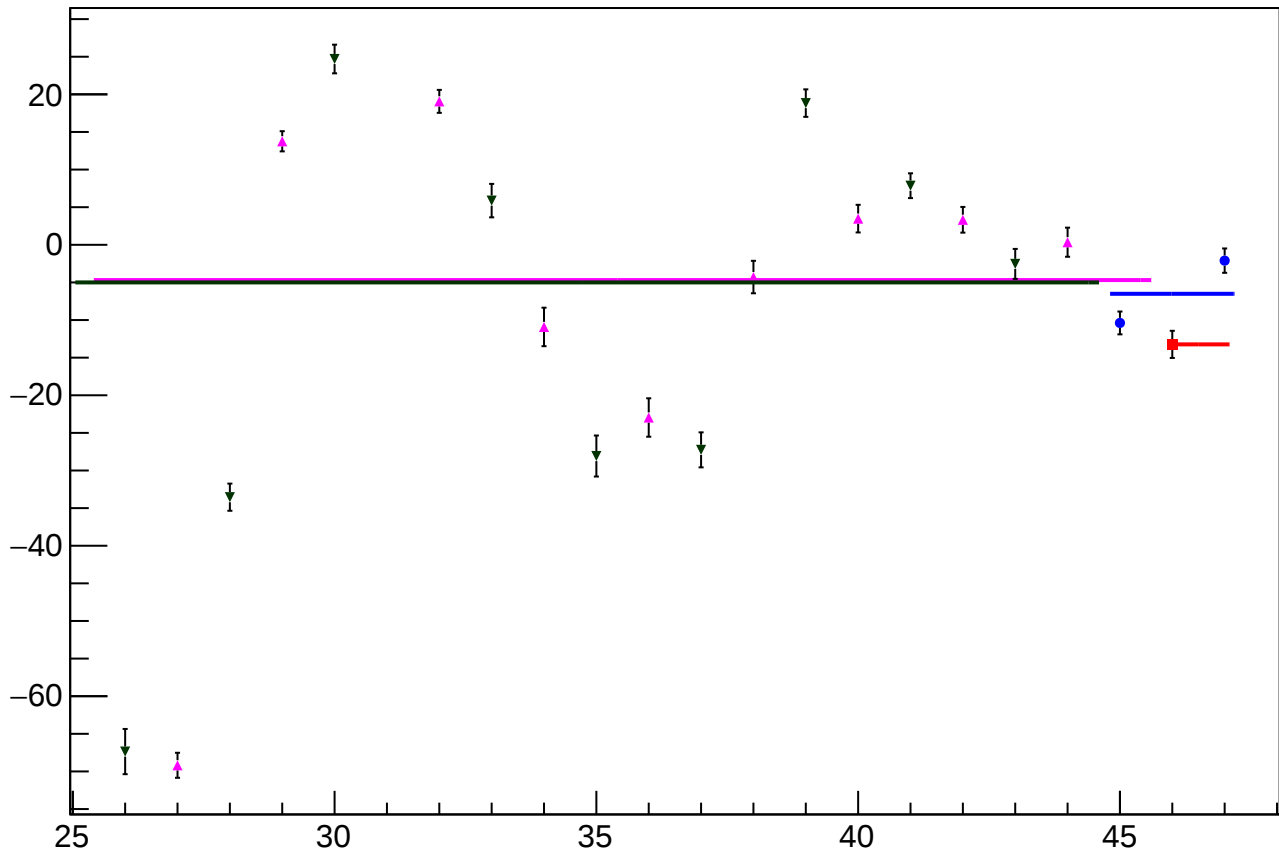
Right Out: 3748.695+/-4.065 χ^2/NDF : 0.0/0

Left In: 3893.148+/-1.166 χ^2/NDF :91246.6/8

3893.089+/-1.142 χ^2/NDF : 153738.3/10

3882.172+/-1.121 χ^2/NDF : 92413.5/9

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -6.512 ± 1.107 χ^2/NDF : 13.9/1

Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

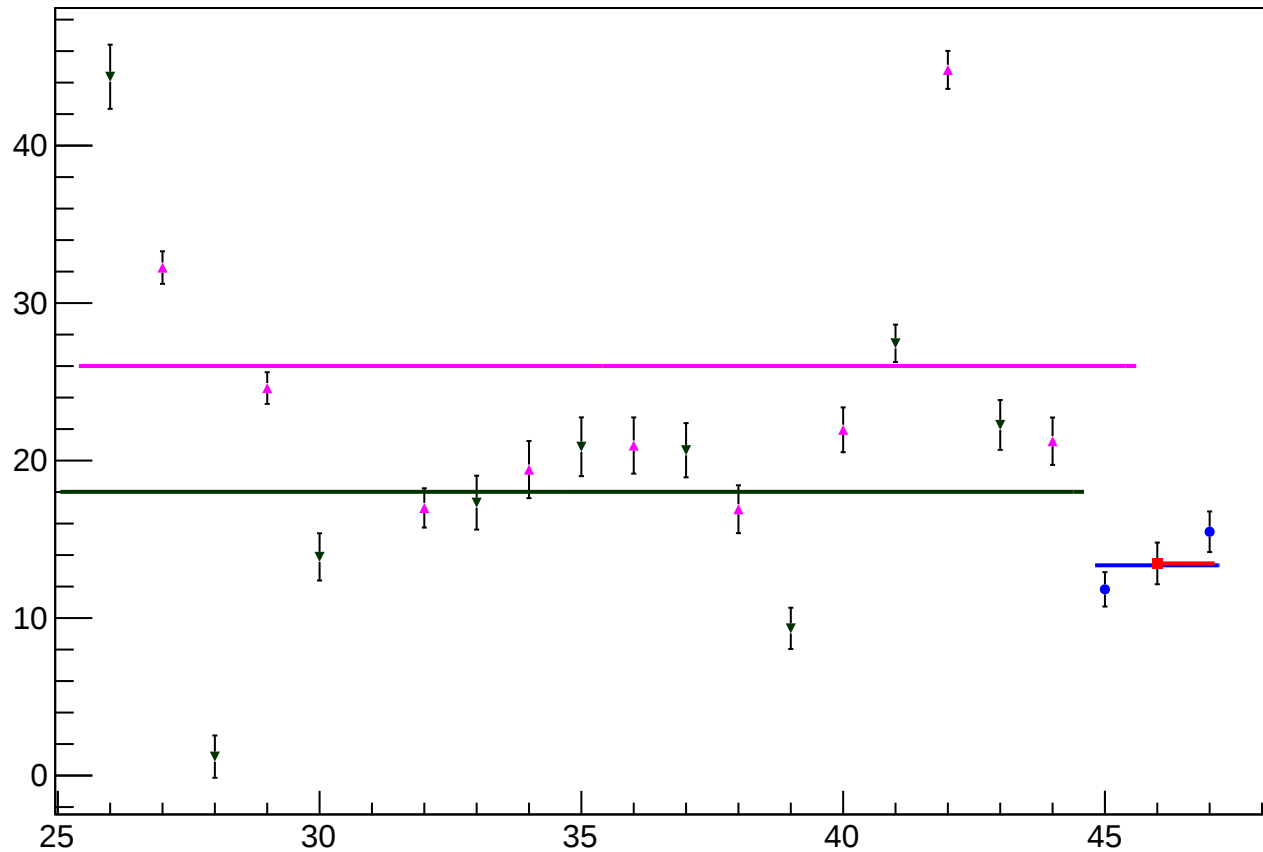
Right Out: -13.234 ± 1.804 χ^2/NDF : 0.0/0

Left In: -4.688 ± 0.600 χ^2/NDF : 2042.2/8

-5.417 ± 0.582 χ^2/NDF : 1358.3/10

-5.539 ± 0.570 χ^2/NDF : 2062.4/9

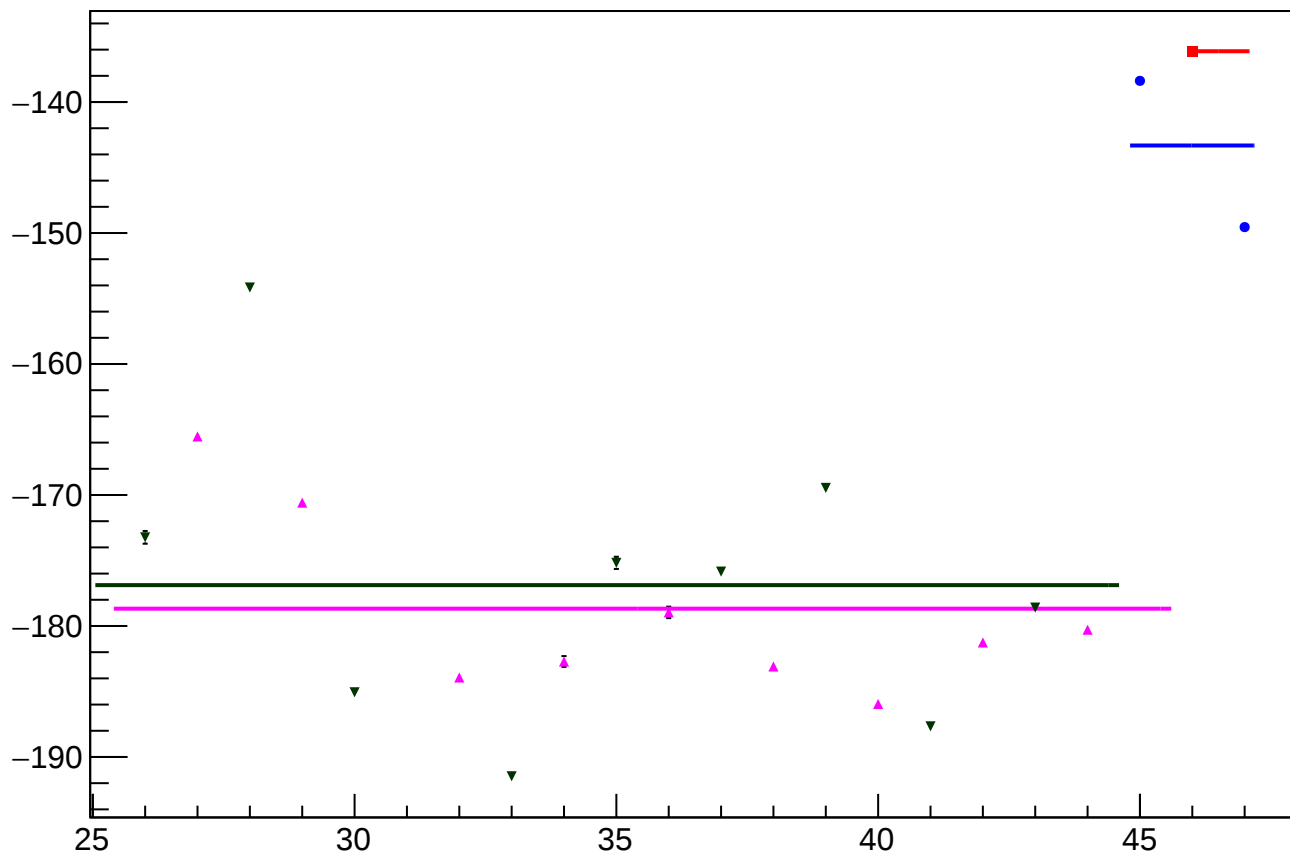
reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 13.349+/-0.833 χ^2/NDF : 4.7/1
 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

16.756+/-0.433 χ^2/NDF : 478.0/10
 24.771+/-0.415 χ^2/NDF : 490.3/9

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -143.318+/-0.181 χ^2/NDF : 939.5/1

Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

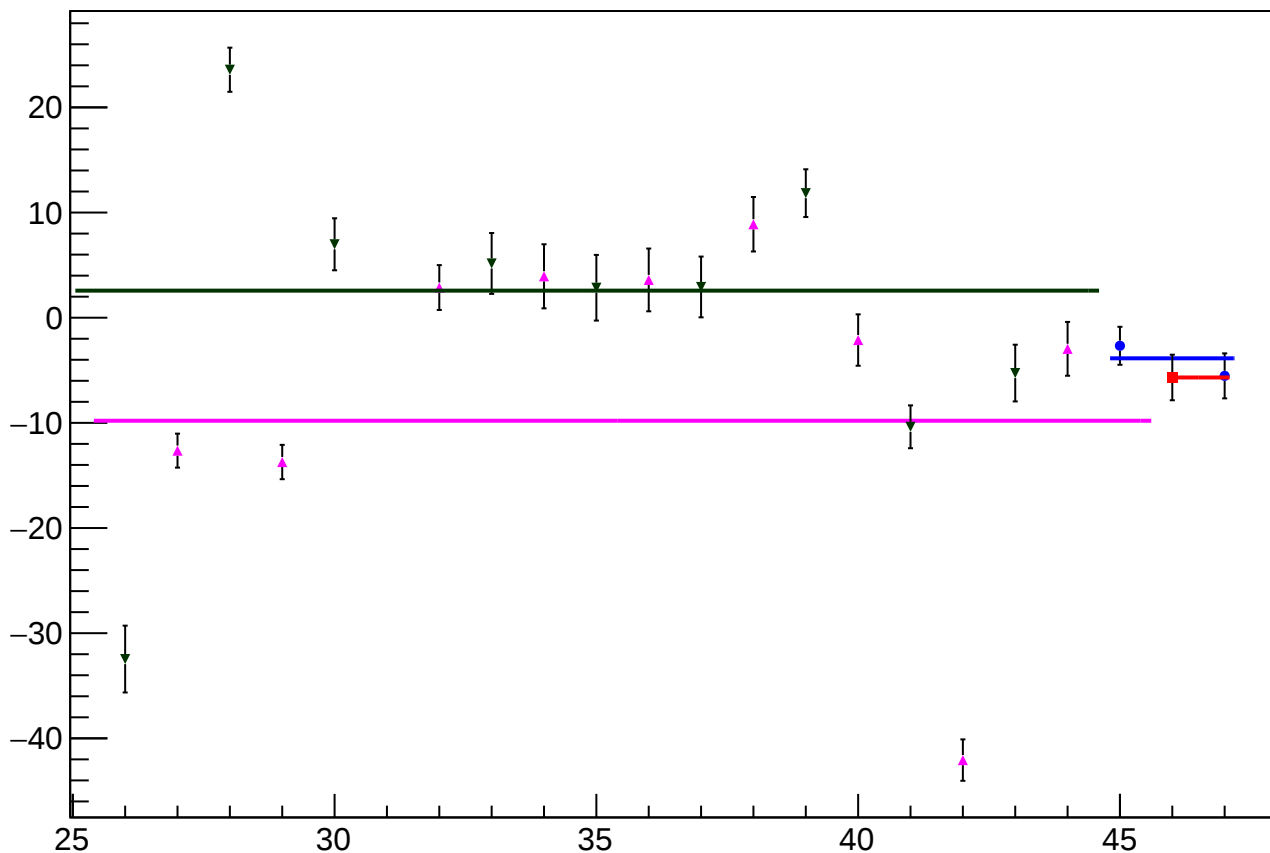
Right Out: -136.122+/-0.272 χ^2/NDF : 0.0/0

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-167.226+/-0.097 χ^2/NDF : 35153.8/10

-173.292+/-0.097 χ^2/NDF : 25610.3/9

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -3.862 ± 1.381 $\chi^2/\text{NDF: } 1.0/1$

Left Out: 2.574 ± 0.844 $\chi^2/\text{NDF: } 291.3/8$

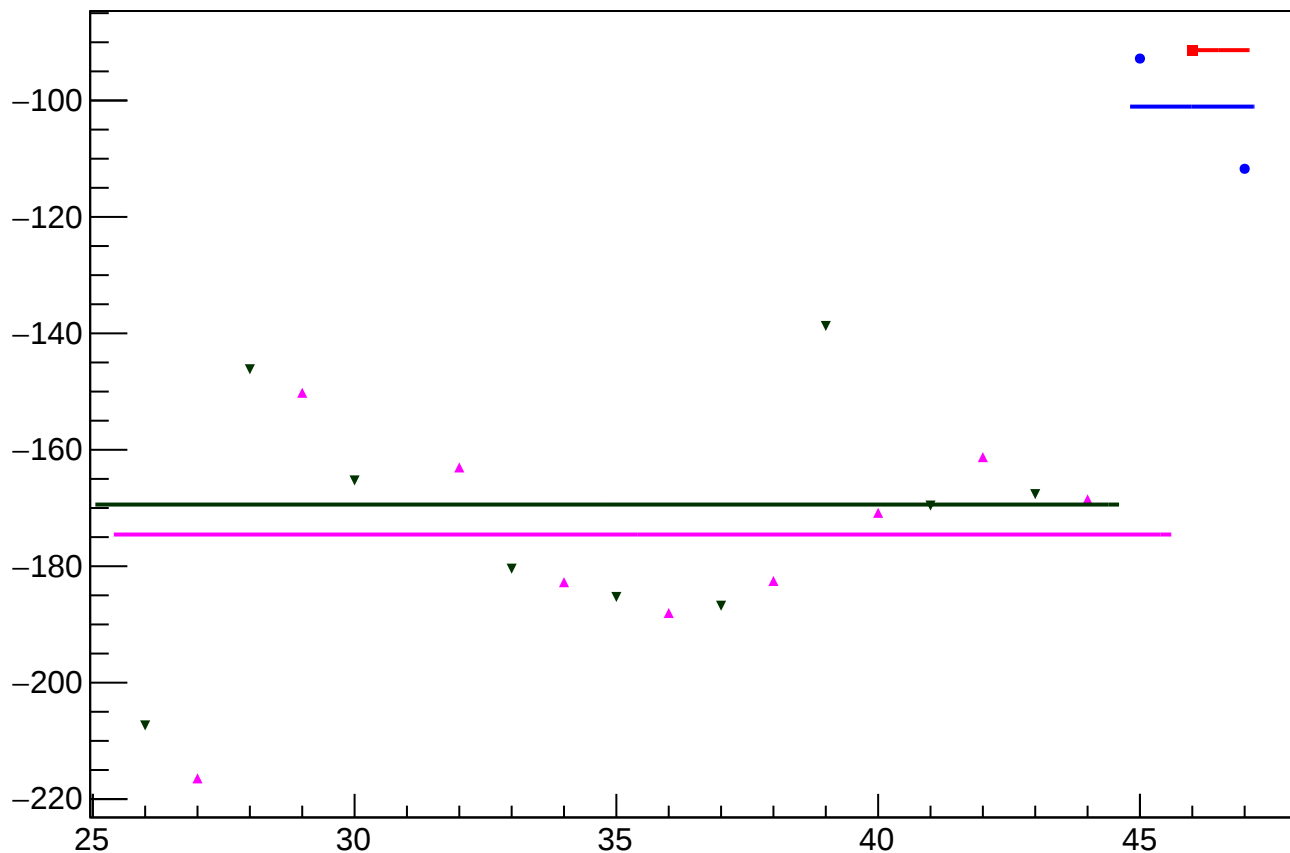
Right Out: -5.684 ± 2.167 $\chi^2/\text{NDF: } 0.0/0$

Left In: -9.798 ± 0.721 $\chi^2/\text{NDF: } 422.2/8$

0.824 ± 0.720 $\chi^2/\text{NDF: } 308.2/10$

-9.388 ± 0.684 $\chi^2/\text{NDF: } 425.5/9$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -101.051+/-0.272 χ^2/NDF : 1188.6/1

Left Out: -169.406+/-0.155 χ^2/NDF :16565.2/8

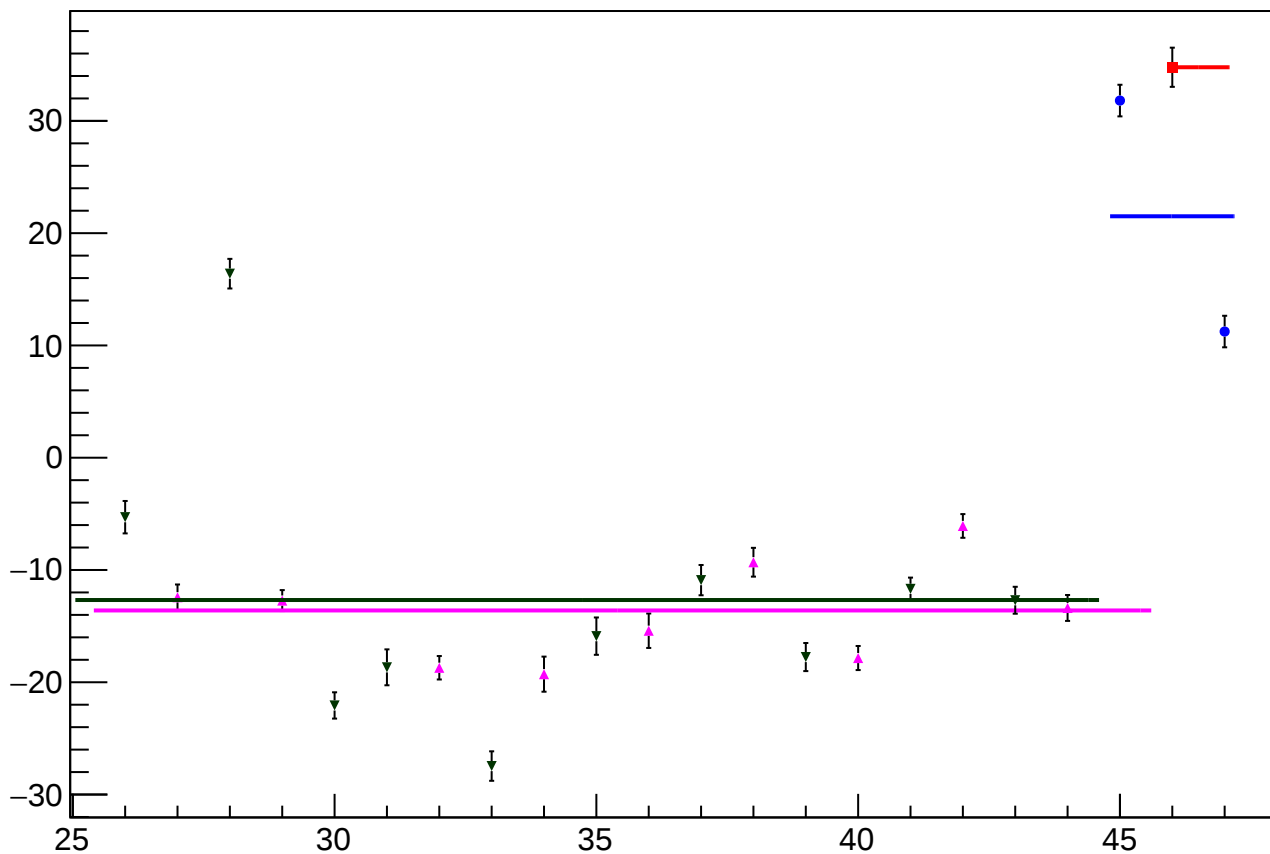
Right Out: -91.352+/-0.425 χ^2/NDF : 0.0/0

Left In: -174.554+/-0.152 χ^2/NDF :17338.0/8

-152.635+/-0.135 χ^2/NDF : 65299.1/10

-165.152+/-0.143 χ^2/NDF : 51344.8/9

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 21.504 ± 0.994 χ^2/NDF : 107.0/1

Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

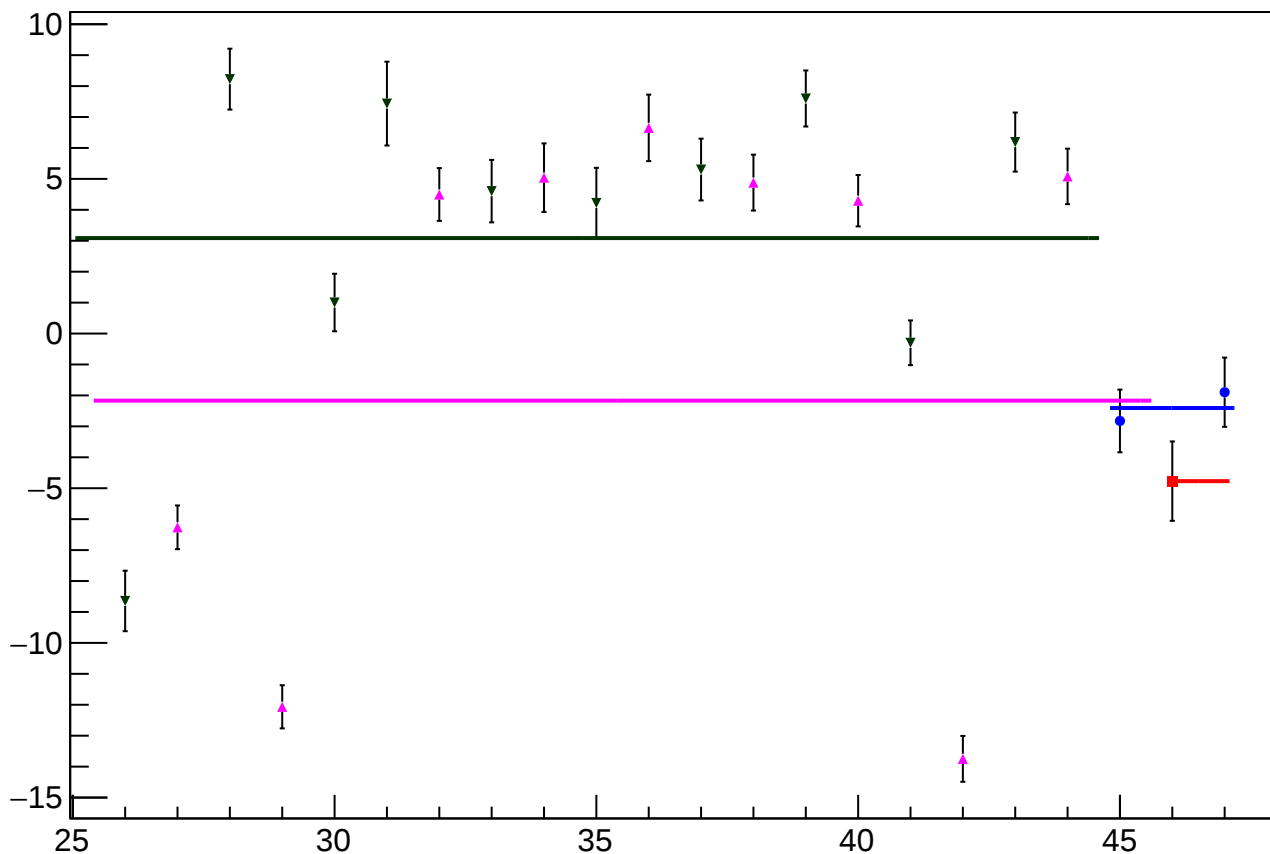
Right Out: 34.778 ± 1.744 χ^2/NDF : 0.0/0

Left In: -13.605 ± 0.383 χ^2/NDF : 118.1/8

-7.742 ± 0.378 χ^2/NDF : 1857.8/11

-11.375 ± 0.374 χ^2/NDF : 851.9/9

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.407 ± 0.751 χ^2/NDF : 0.4/1

Left Out: 3.086 ± 0.305 χ^2/NDF : 251.9/9

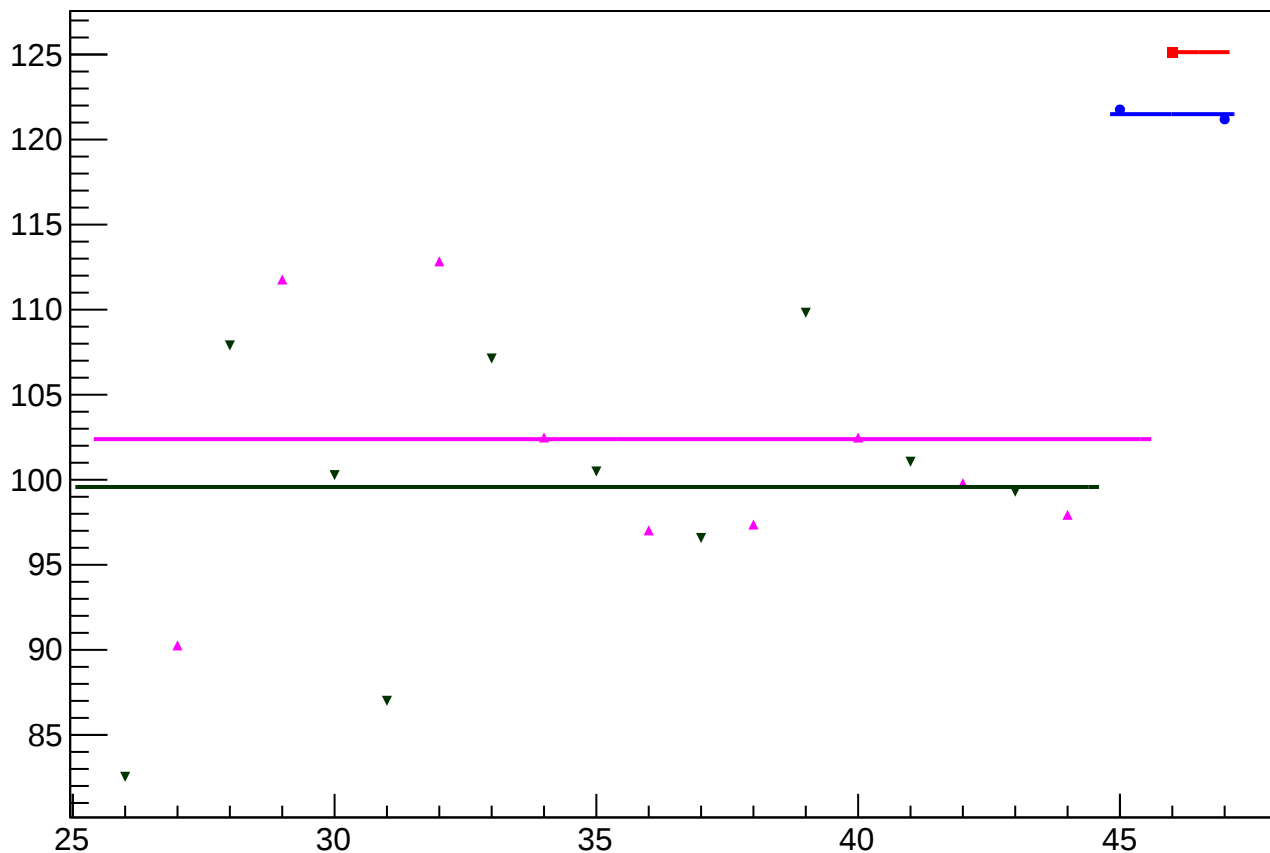
Right Out: -4.771 ± 1.283 χ^2/NDF : 0.0/0

Left In: -2.169 ± 0.279 χ^2/NDF : 836.6/8

2.309 ± 0.282 χ^2/NDF : 298.2/11

-2.286 ± 0.273 χ^2/NDF : 840.5/9

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 121.494 ± 0.162 $\chi^2/\text{NDF}: 3.1/1$

Left Out: 99.576 ± 0.067 $\chi^2/\text{NDF}: 14210.5/9$

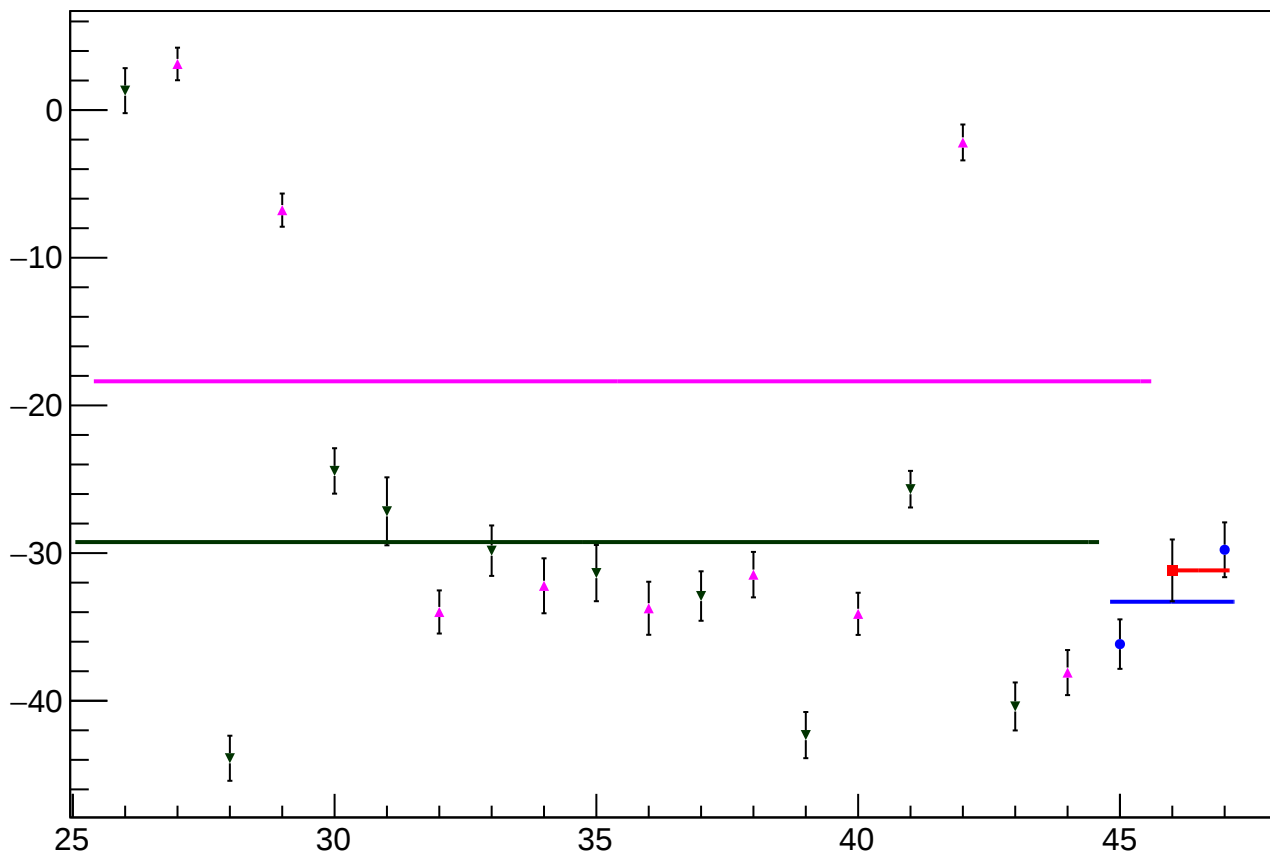
Right Out: 125.138 ± 0.264 $\chi^2/\text{NDF}: 0.0/0$

Left In: 102.389 ± 0.066 $\chi^2/\text{NDF}: 12190.9/8$

102.774 ± 0.062 $\chi^2/\text{NDF}: 29830.4/11$

103.727 ± 0.064 $\chi^2/\text{NDF}: 19202.9/9$

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -33.294 ± 1.243 $\chi^2/\text{NDF}: 6.5/1$

Left Out: -29.254 ± 0.507 $\chi^2/\text{NDF}: 636.3/9$

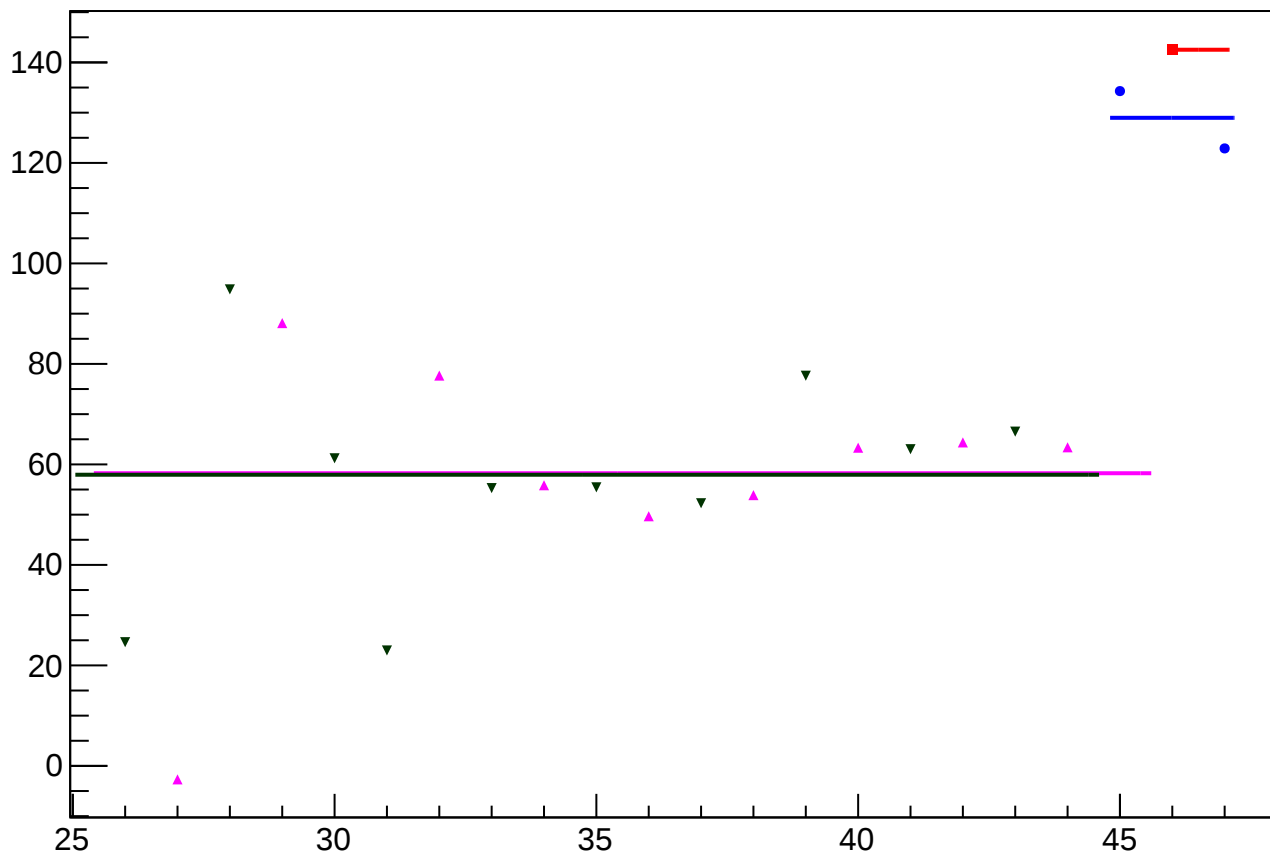
Right Out: -31.171 ± 2.093 $\chi^2/\text{NDF}: 0.0/0$

Left In: -18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

-29.830 ± 0.470 $\chi^2/\text{NDF}: 651.9/11$

-18.961 ± 0.450 $\chi^2/\text{NDF}: 1303.0/9$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 128.977 $\pm$ 0.244 χ^2 /NDF: 543.2/1

Left Out: 57.944 $\pm$ 0.092 χ^2 /NDF:48321.4/9

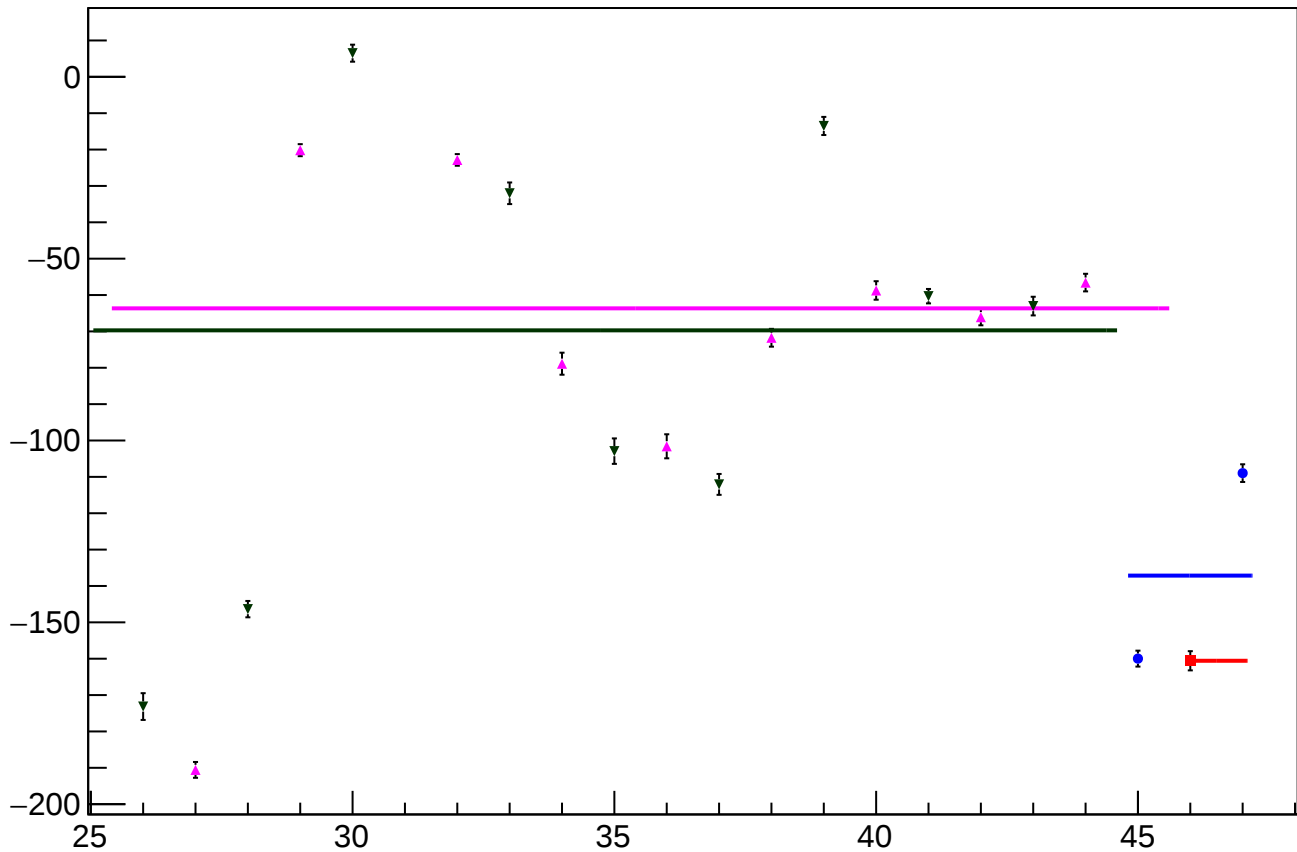
Right Out: 142.525 $\pm$ 0.411 χ^2 /NDF: 0.0/0

Left In: 58.243 $\pm$ 0.096 χ^2 /NDF:65783.5/8

66.753 $\pm$ 0.086 χ^2 /NDF: 122993.3/11

62.592 $\pm$ 0.093 χ^2 /NDF: 105710.6/9

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -137.150+/-1.628 χ^2/NDF : 242.7/1

Left Out: -69.710+/-0.865 χ^2/NDF : 4019.0/8

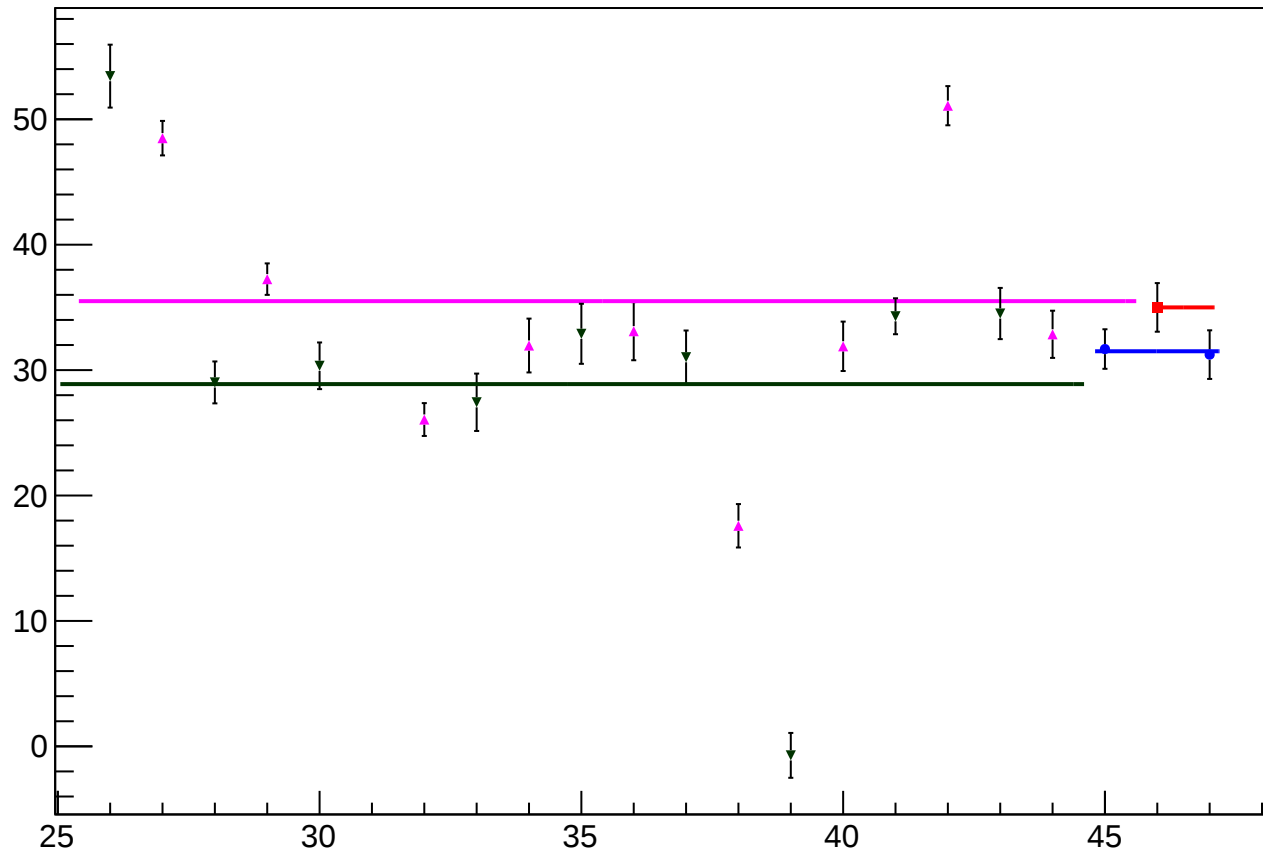
Right Out: -160.568+/-2.641 χ^2/NDF : 0.0/0

Left In: -63.663+/-0.734 χ^2/NDF : 4921.5/8

-84.550+/-0.764 χ^2/NDF : 5599.8/10

-70.608+/-0.707 χ^2/NDF : 6171.6/9

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 31.502+/-1.223 χ^2 /NDF: 0.0/1

Left Out: 28.884+/-0.641 χ^2 /NDF:396.4/8

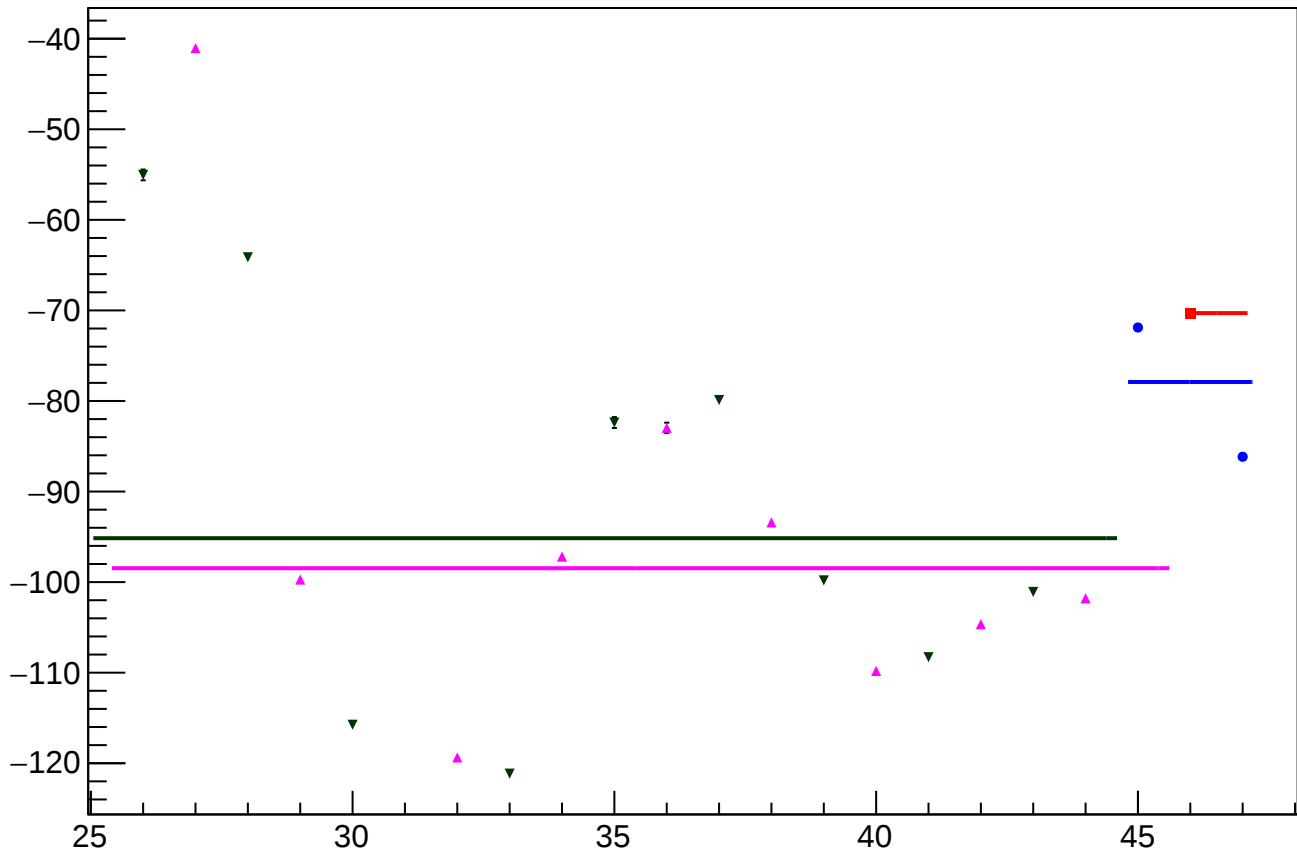
Right Out: 34.999+/-1.939 χ^2 /NDF: 0.0/0

Left In: 35.499+/-0.540 χ^2 /NDF:358.9/8

29.448+/-0.568 χ^2 /NDF: 400.0/10

35.463+/-0.520 χ^2 /NDF: 359.0/9

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -77.902 $\pm$ 0.265 χ^2 /NDF: 705.2/1

Left Out: -95.151 $\pm$ 0.144 χ^2 /NDF: 20300.2/8

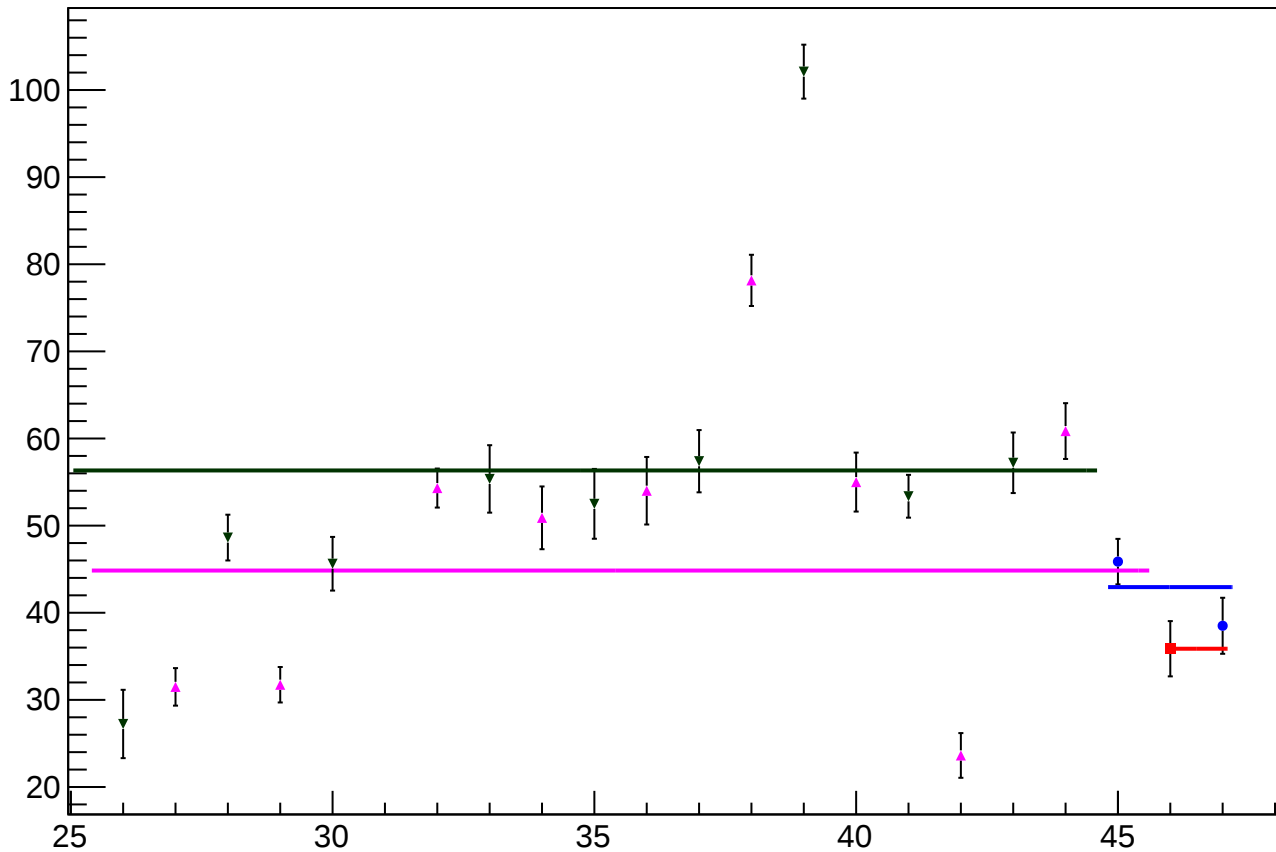
-91.219 $\pm$ 0.127 χ^2 /NDF: 24265.8/10

Right Out: -70.297 $\pm$ 0.399 χ^2 /NDF: 0.0/0

-95.957 $\pm$ 0.119 χ^2 /NDF: 36274.9/9

Left In: -98.464 $\pm$ 0.125 χ^2 /NDF: 31724.1/8

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 42.944+/-2.026 χ^2 /NDF: 3.2/1

Left Out: 56.333+/-1.069 χ^2 /NDF:296.9/8

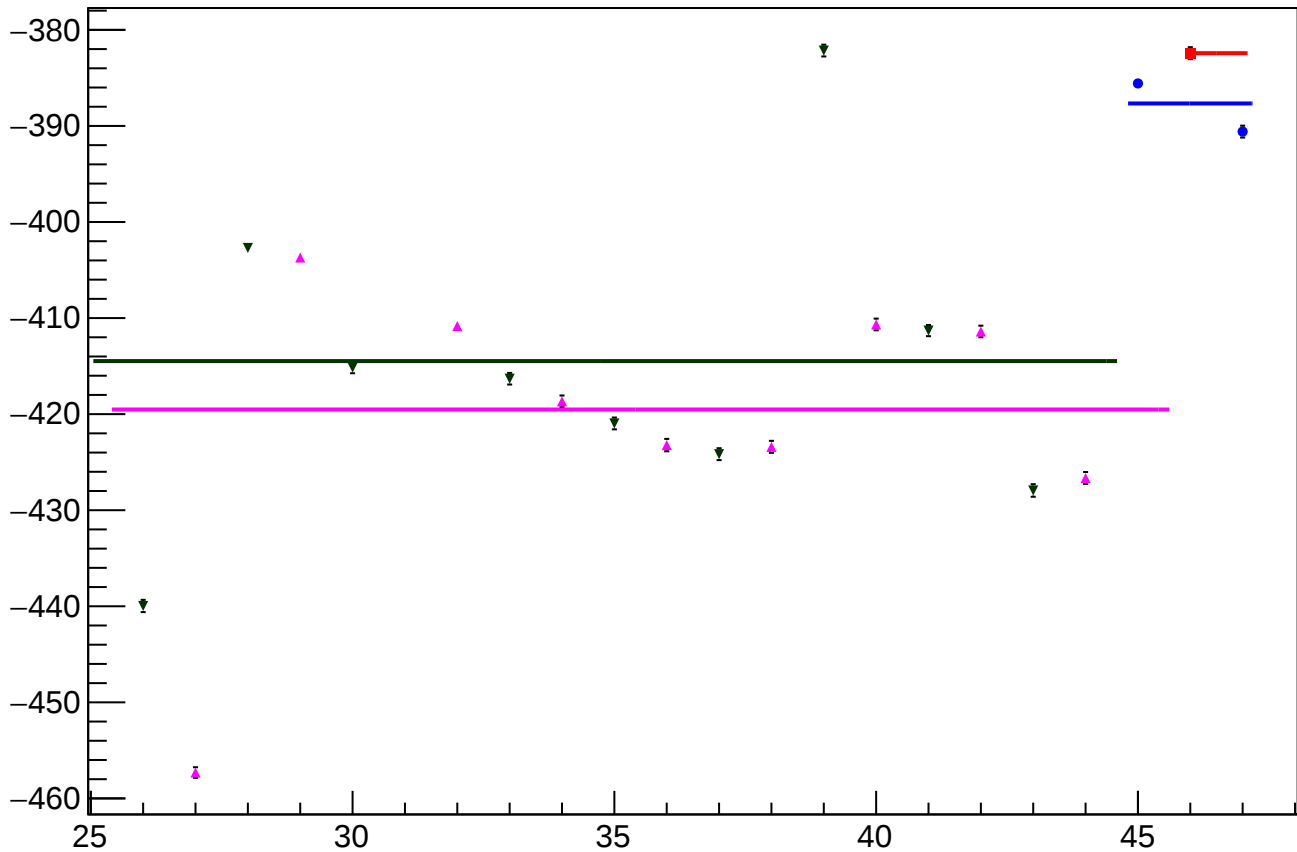
Right Out: 35.870+/-3.172 χ^2 /NDF: 0.0/0

Left In: 44.845+/-0.893 χ^2 /NDF:337.0/8

53.418+/-0.945 χ^2 /NDF: 334.3/10

44.185+/-0.860 χ^2 /NDF: 344.4/9

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -387.660 ± 0.400 χ^2/NDF : 38.2/1

Left Out: -414.478 ± 0.199 χ^2/NDF : 5731.0/8

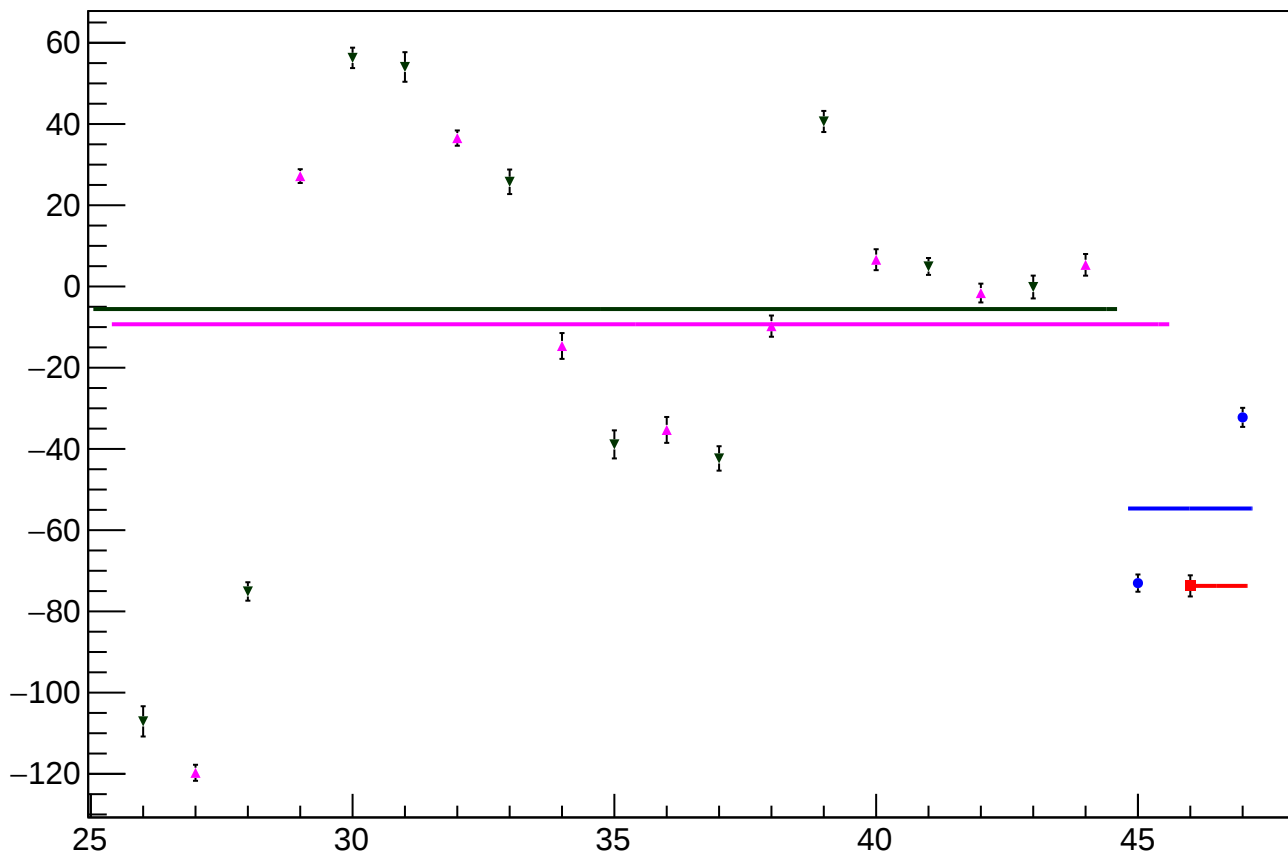
Right Out: -382.426 ± 0.623 χ^2/NDF : 0.0/0

Left In: -419.518 ± 0.188 χ^2/NDF : 6841.3/8

-409.151 ± 0.178 χ^2/NDF : 9377.4/10

-416.415 ± 0.180 χ^2/NDF : 10084.4/9

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -54.666 ± 1.573 χ^2/NDF : 166.5/1

Left Out: -5.557 ± 0.874 χ^2/NDF : 3249.1/9

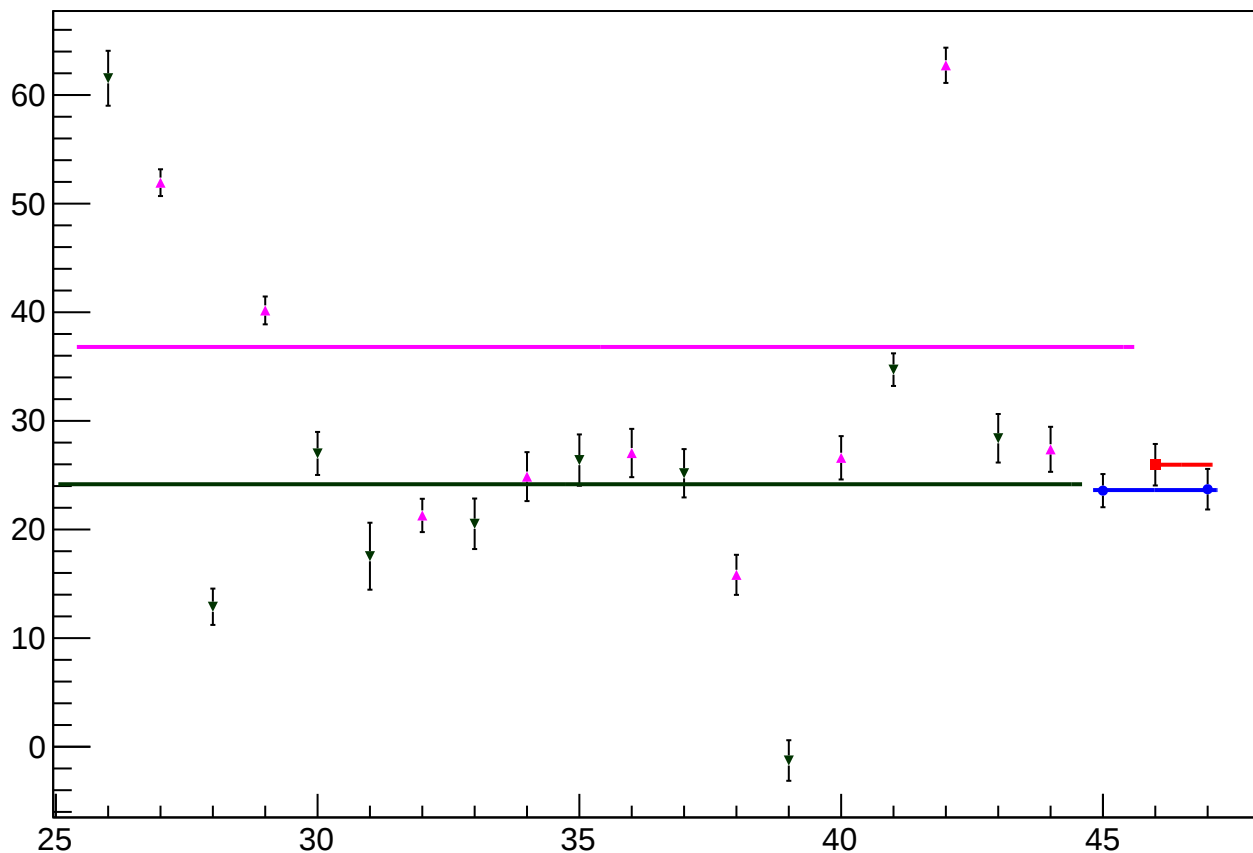
Right Out: -73.719 ± 2.602 χ^2/NDF : 0.0/0

Left In: -9.304 ± 0.765 χ^2/NDF : 4334.5/8

-17.136 ± 0.764 χ^2/NDF : 4160.3/11

-14.431 ± 0.734 χ^2/NDF : 4898.6/9

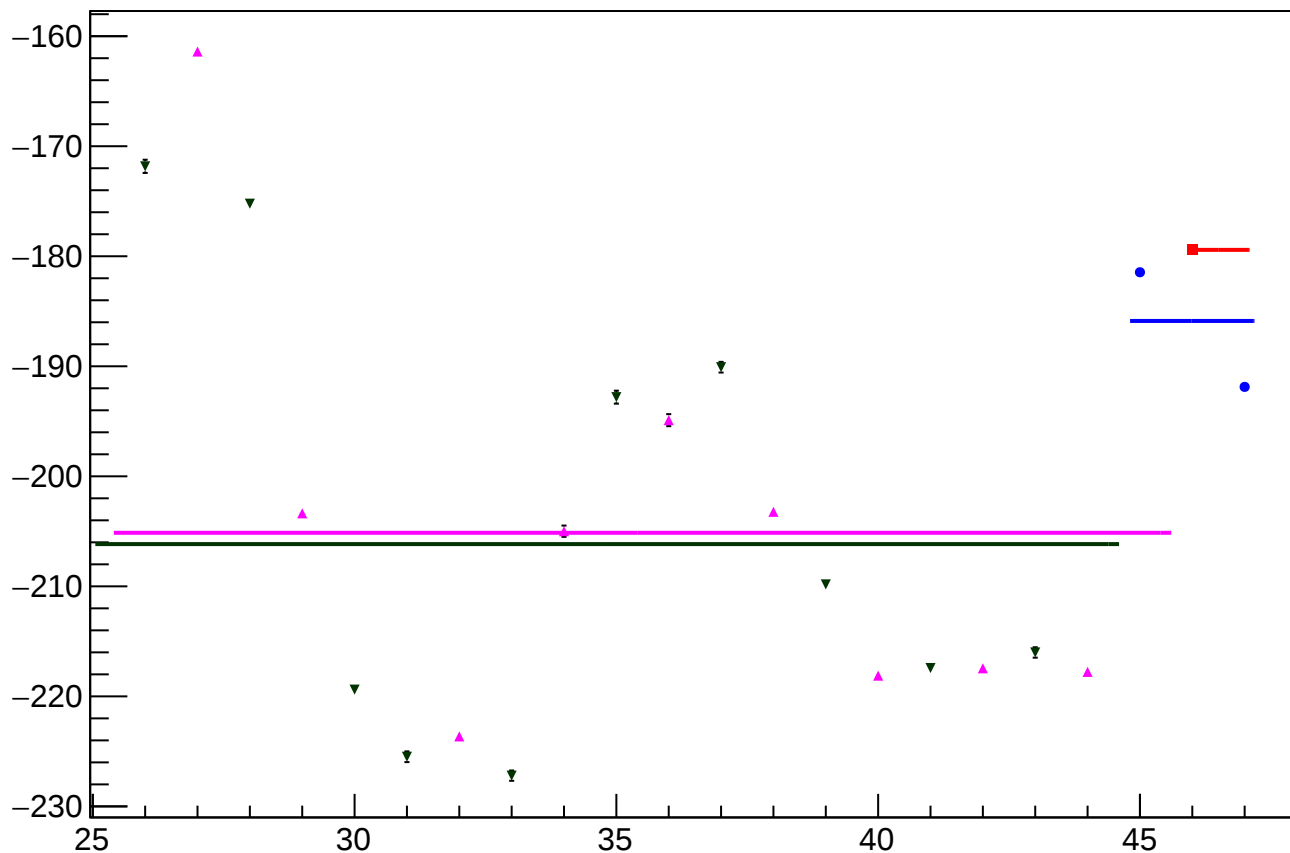
reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 23.631 ± 1.182 χ^2/NDF : 0.0/1
 Left Out: 24.167 ± 0.649 χ^2/NDF : 512.5/9
 Right Out: 25.964 ± 1.910 χ^2/NDF : 0.0/0
 Left In: 36.806 ± 0.555 χ^2/NDF : 738.7/8

24.043 ± 0.569 χ^2/NDF : 512.7/11
 35.963 ± 0.533 χ^2/NDF : 768.4/9

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -185.880 +/- 0.257 χ^2/NDF : 402.6/1

Left Out: -206.161 +/- 0.144 χ^2/NDF : 16990.9/9

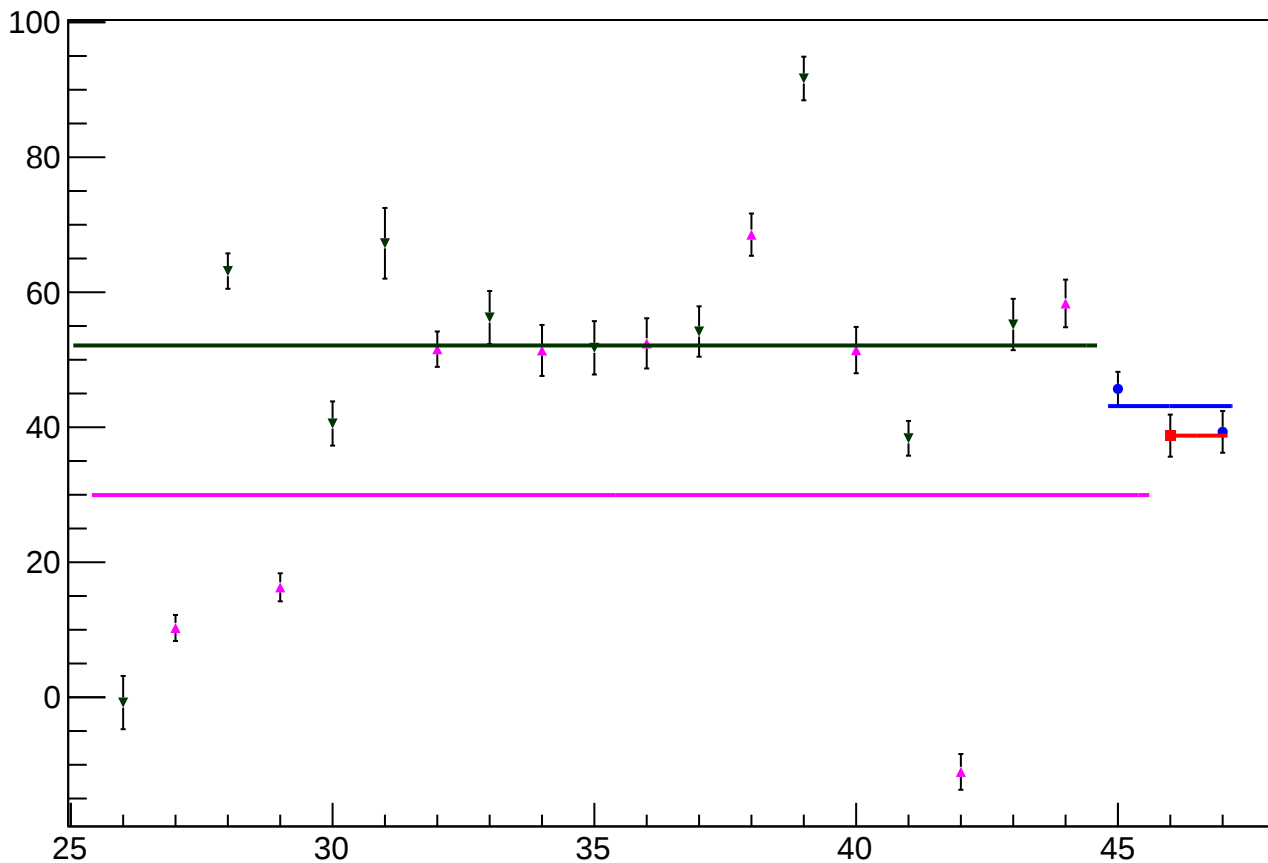
Right Out: -179.420 +/- 0.393 χ^2/NDF : 0.0/0

Left In: -205.134 +/- 0.132 χ^2/NDF : 22564.1/8

-201.295 +/- 0.126 χ^2/NDF : 22138.5/11

-202.547 +/- 0.125 χ^2/NDF : 26406.6/9

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 43.136 $\pm$ 1.958 χ^2 /NDF: 2.5/1

Left Out: 52.118 $\pm$ 1.081 χ^2 /NDF:398.5/9

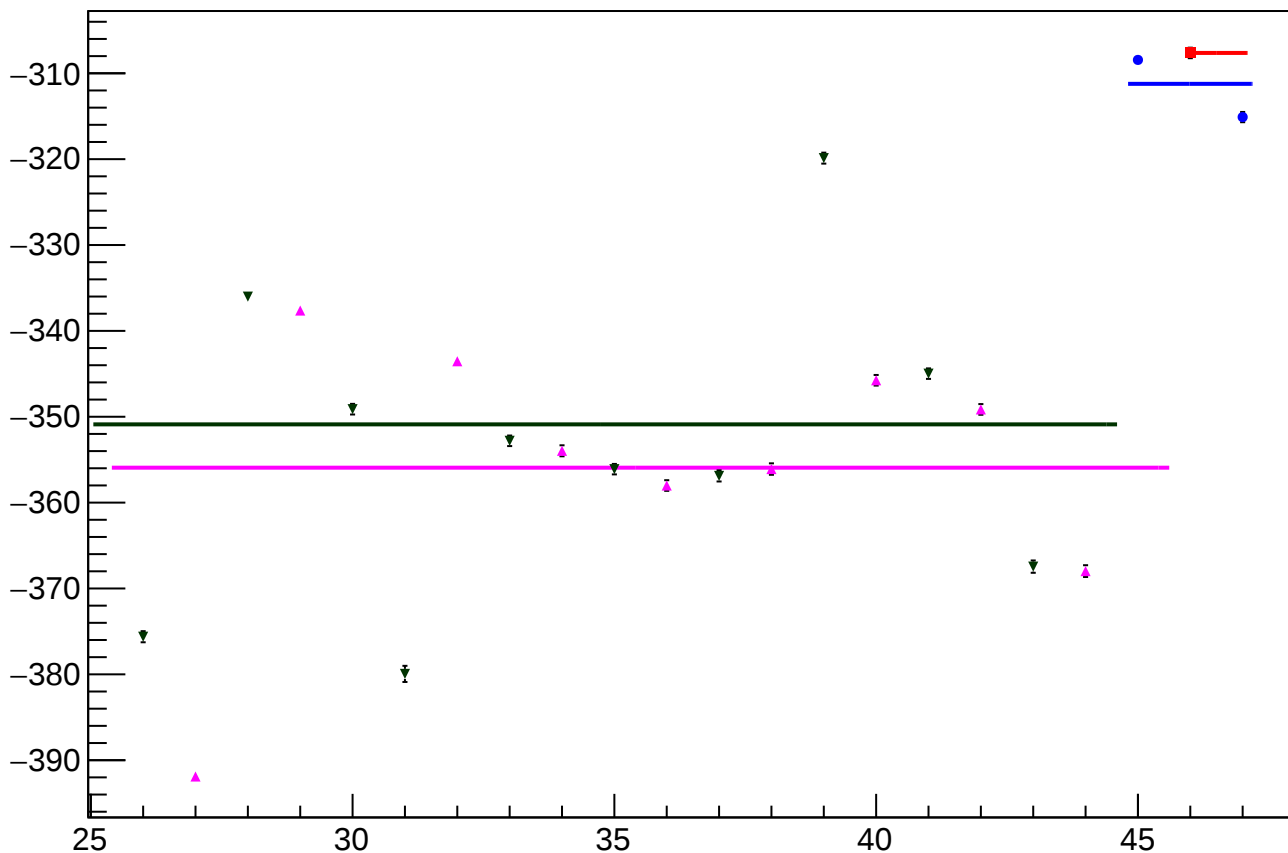
Right Out: 38.758 $\pm$ 3.118 χ^2 /NDF: 0.0/0

Left In: 29.956 $\pm$ 0.913 χ^2 /NDF:779.4/8

50.018 $\pm$ 0.947 χ^2 /NDF: 417.2/11

30.651 $\pm$ 0.876 χ^2 /NDF: 786.7/9

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -311.229+/-0.386 χ^2/NDF : 72.3/1

Left Out: -350.887+/-0.200 χ^2/NDF : 6484.7/9

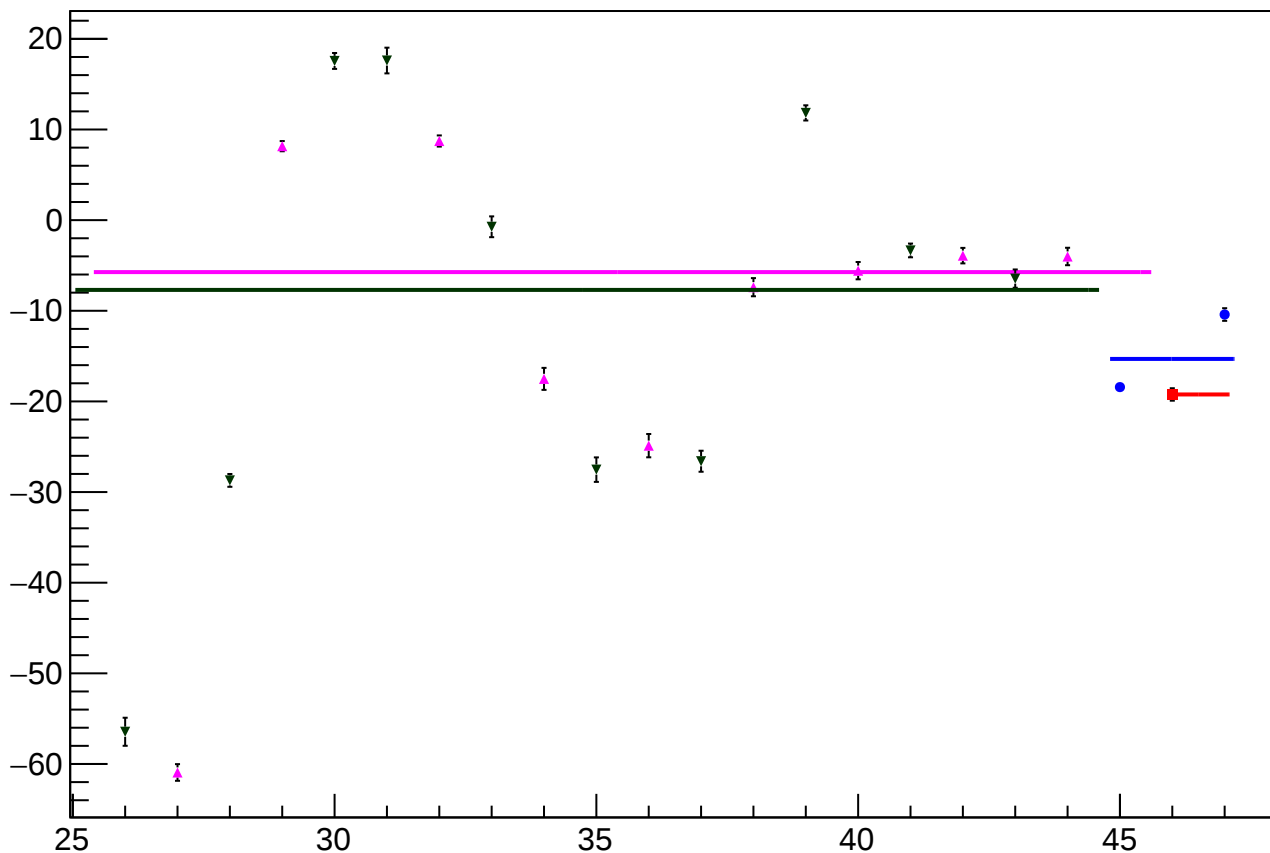
Right Out: -307.629+/-0.613 χ^2/NDF : 0.0/0

Left In: -355.932+/-0.194 χ^2/NDF : 7933.4/8

-342.507+/-0.178 χ^2/NDF : 14874.6/11

-351.535+/-0.185 χ^2/NDF : 13577.5/9

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -15.312 $\pm$ 0.434 χ^2 /NDF: 80.8/1

Left Out: -7.698 $\pm$ 0.310 χ^2 /NDF: 4119.4/9

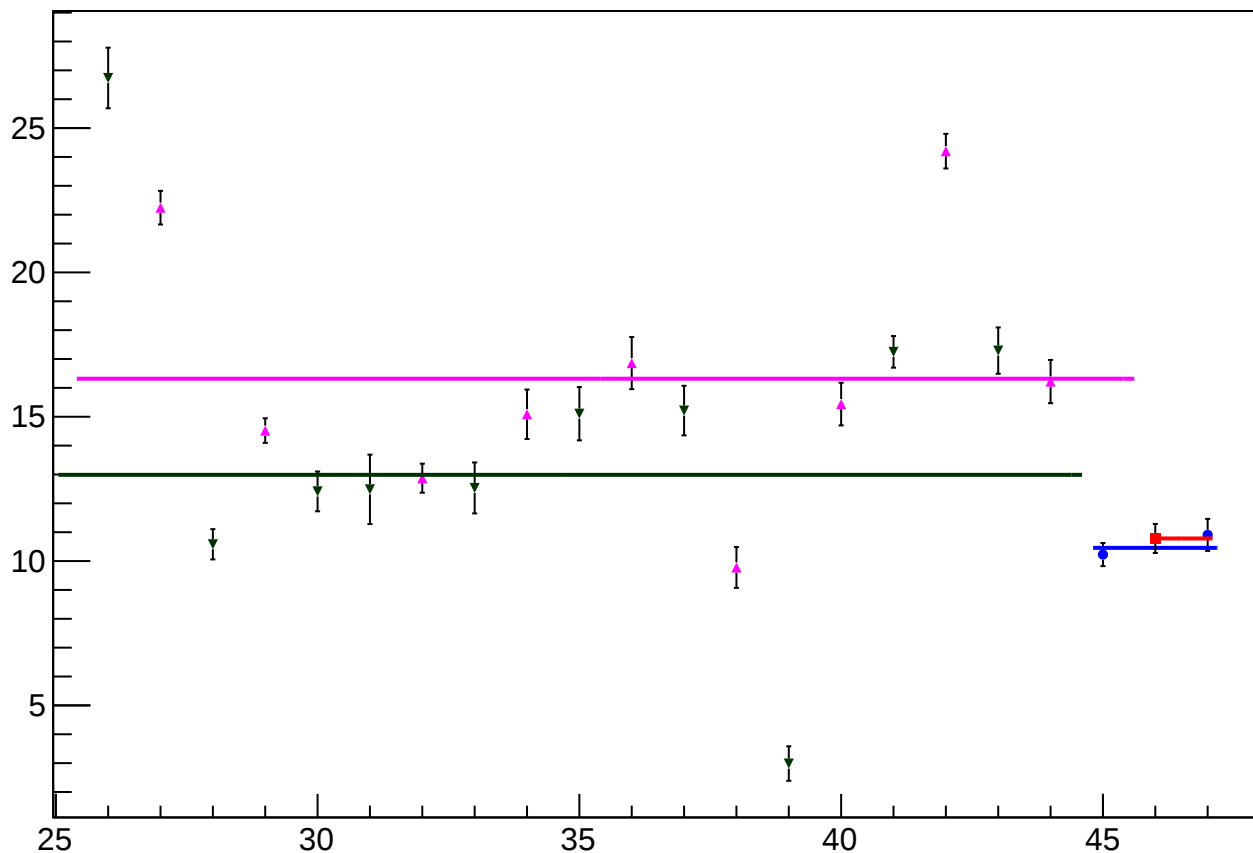
Right Out: -19.232 $\pm$ 0.687 χ^2 /NDF: 0.0/0

Left In: -5.733 $\pm$ 0.279 χ^2 /NDF: 5095.9/8

-10.268 $\pm$ 0.252 χ^2 /NDF: 4404.0/11

-7.648 $\pm$ 0.259 χ^2 /NDF: 5426.9/9

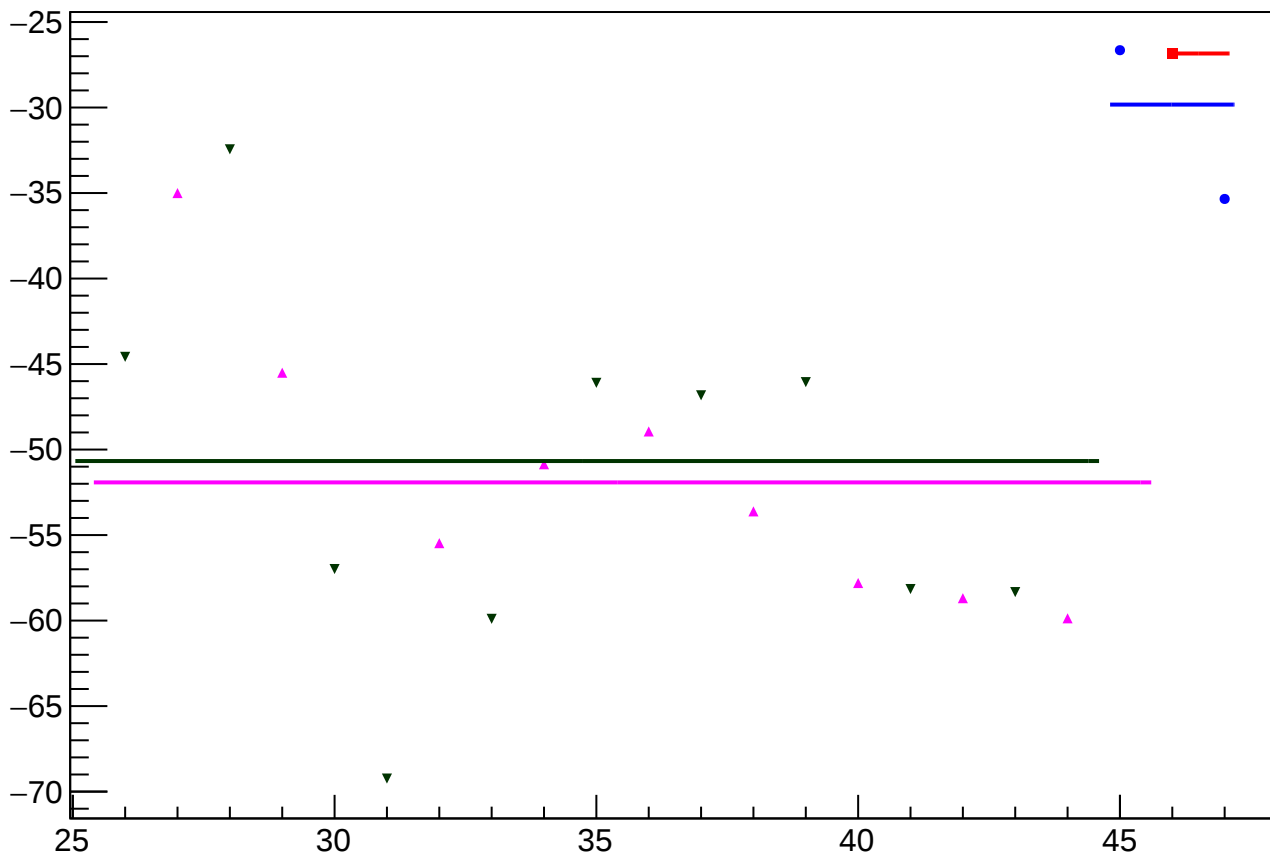
reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 10.458+/-0.324 χ^2/NDF : 1.0/1
 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

12.139+/-0.188 χ^2/NDF : 616.5/11
 15.516+/-0.191 χ^2/NDF : 534.0/9

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -29.828 ± 0.071 $\chi^2/\text{NDF}: 3504.3/1$

Left Out: -50.671 ± 0.051 $\chi^2/\text{NDF}: 44323.0/9$

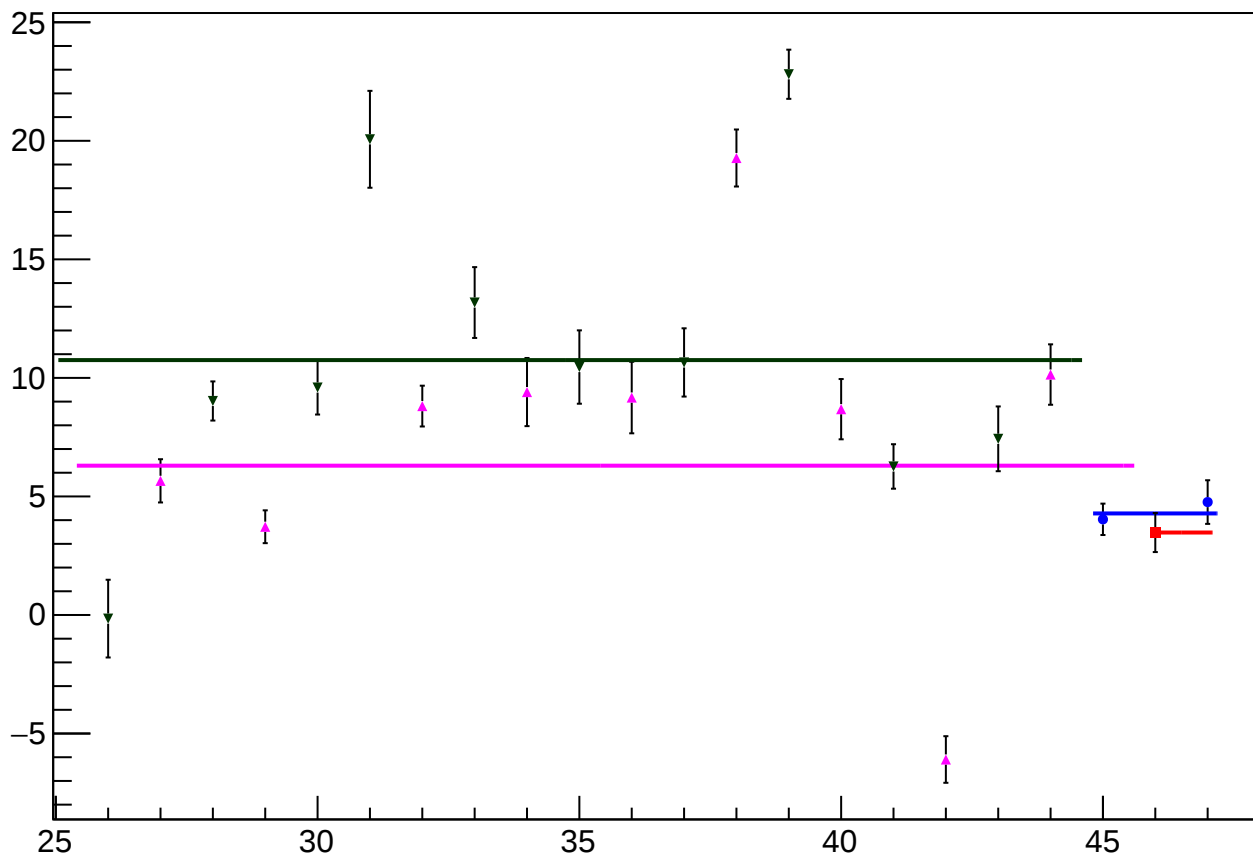
Right Out: -26.841 ± 0.104 $\chi^2/\text{NDF}: 0.0/0$

Left In: -51.920 ± 0.048 $\chi^2/\text{NDF}: 21764.1/8$

-43.494 ± 0.042 $\chi^2/\text{NDF}: 104703.5/11$

-47.524 ± 0.043 $\chi^2/\text{NDF}: 69929.3/9$

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.283 ± 0.537 $\chi^2/\text{NDF}: 0.4/1$

Left Out: 10.751 ± 0.383 $\chi^2/\text{NDF}: 237.1/9$

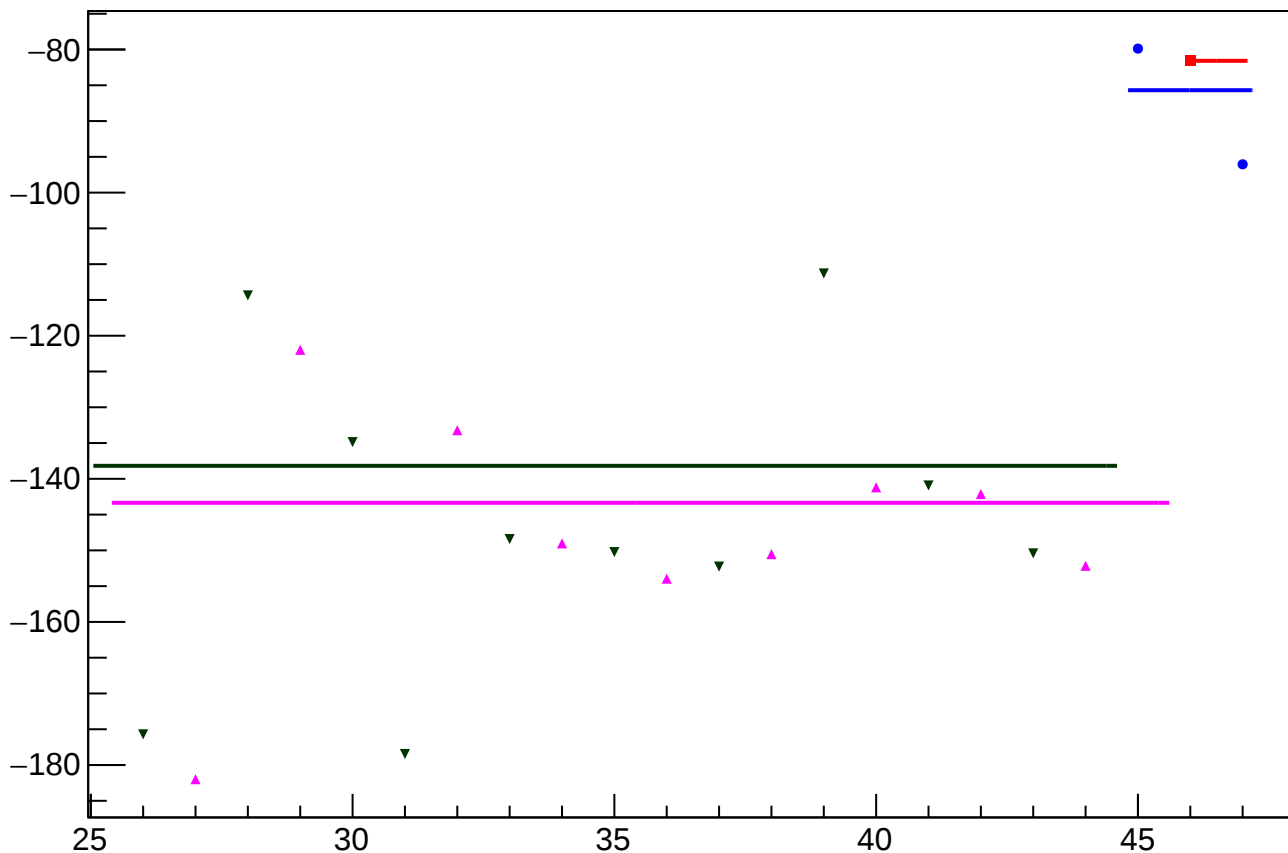
Right Out: 3.478 ± 0.824 $\chi^2/\text{NDF}: 0.0/0$

Left In: 6.298 ± 0.343 $\chi^2/\text{NDF}: 319.2/8$

8.568 ± 0.312 $\chi^2/\text{NDF}: 333.5/11$

5.883 ± 0.316 $\chi^2/\text{NDF}: 329.1/9$

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -85.689 ± 0.106 χ^2/NDF : 5315.6/1

Left Out: -138.184 ± 0.072 χ^2/NDF : 82180.0/9

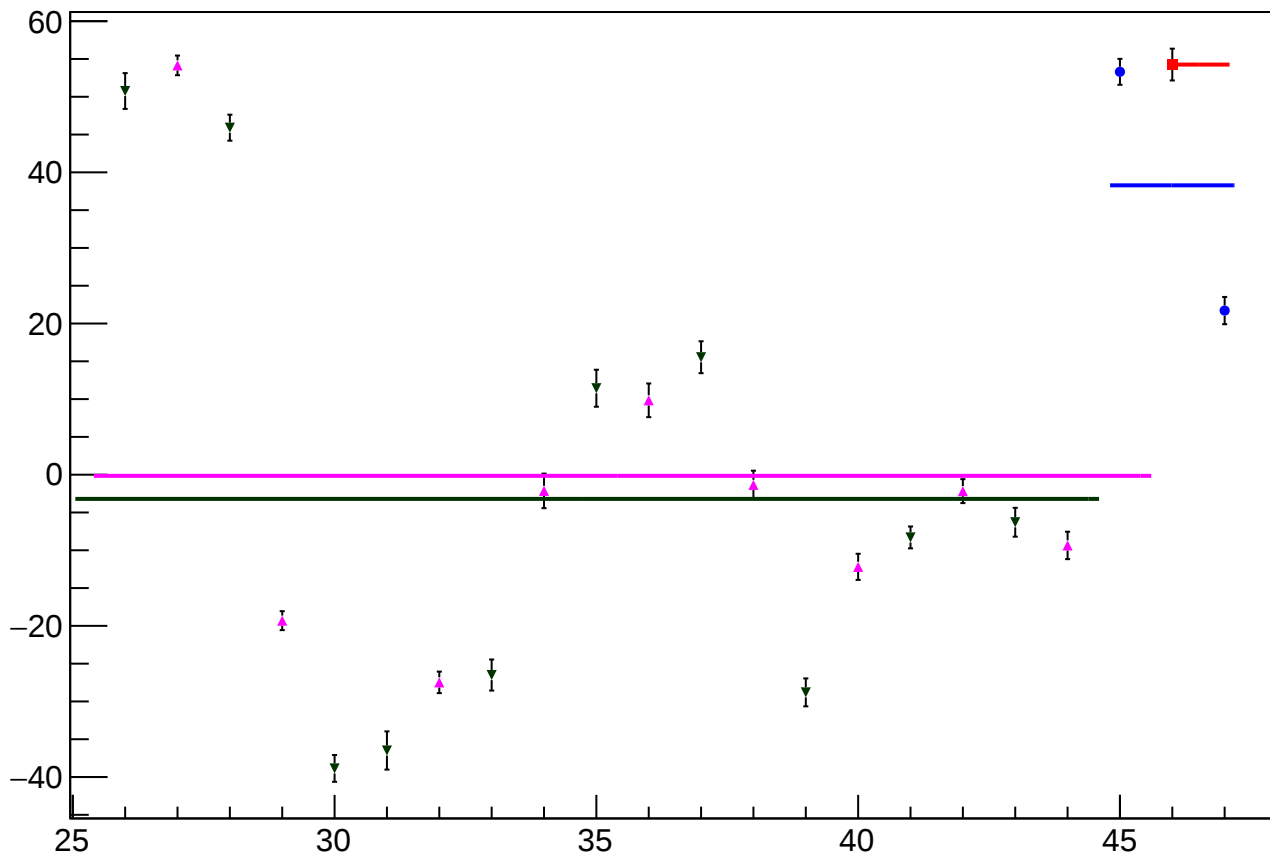
-121.782 ± 0.059 χ^2/NDF : 254826.7/11

Right Out: -81.579 ± 0.162 χ^2/NDF : 0.0/0

-133.179 ± 0.066 χ^2/NDF : 176444.1/9

Left In: -143.350 ± 0.072 χ^2/NDF : 55051.5/8

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 38.283±/-1.243 χ^2/NDF : 161.0/1

Left Out: -3.202±/-0.613 χ^2/NDF : 2363.4/9

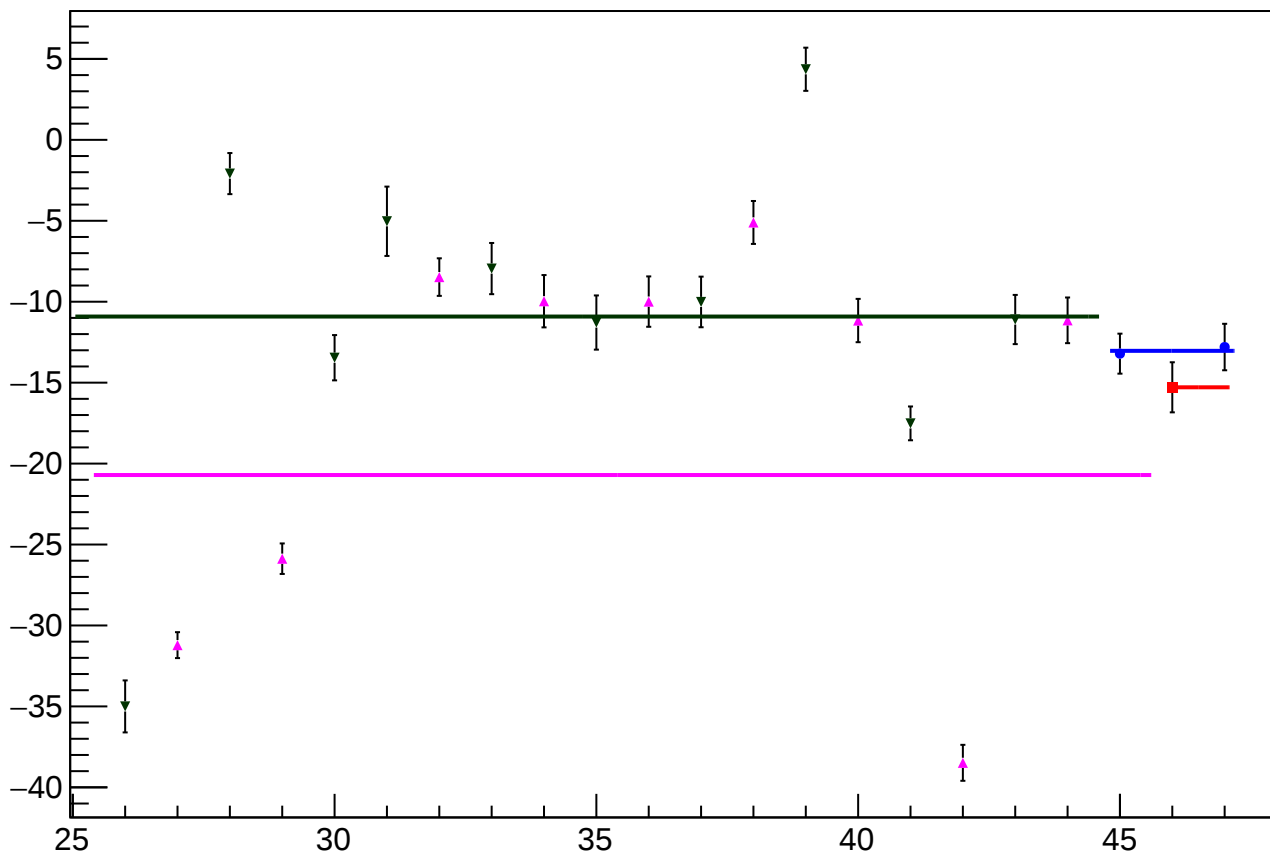
Right Out: 54.259±/-2.104 χ^2/NDF : 0.0/0

Left In: -0.152±/-0.540 χ^2/NDF : 2441.2/8

4.905±/-0.550 χ^2/NDF : 3420.3/11

3.205±/-0.523 χ^2/NDF : 3068.7/9

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -13.035 +/- 0.936 χ^2/NDF : 0.0/1

Left Out: -10.916 +/- 0.456 χ^2/NDF : 459.2/9

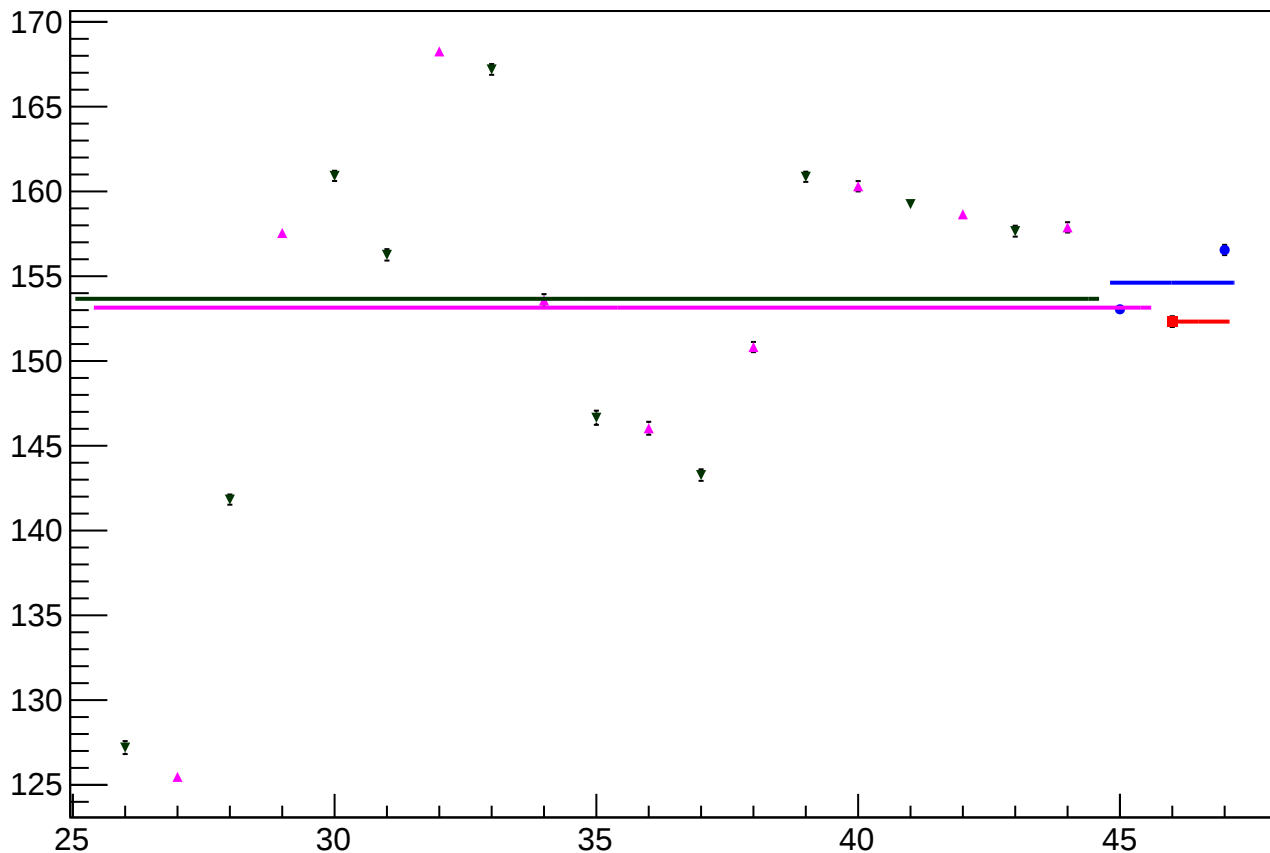
Right Out: -15.287 +/- 1.547 χ^2/NDF : 0.0/0

Left In: -20.706 +/- 0.387 χ^2/NDF : 896.2/8

-11.321 +/- 0.410 χ^2/NDF : 463.4/11

-20.387 +/- 0.376 χ^2/NDF : 907.8/9

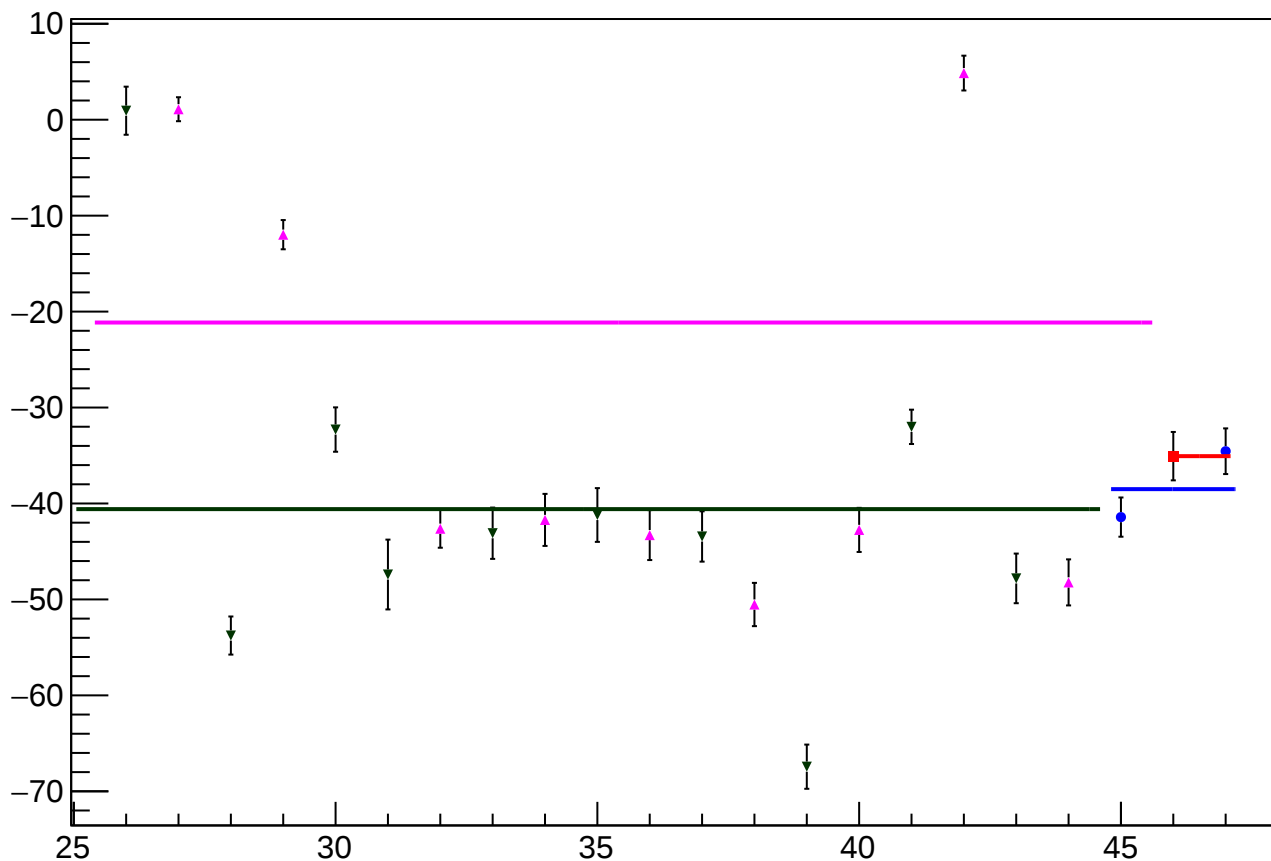
reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 154.618 $\pm$ 0.203 χ^2/NDF : 73.6/1
 Left Out: 153.668 $\pm$ 0.101 χ^2/NDF :11181.3/9
 Right Out: 152.323 $\pm$ 0.318 χ^2/NDF : 0.0/0
 Left In: 153.146 $\pm$ 0.093 χ^2/NDF :20805.5/8

153.857 $\pm$ 0.090 χ^2/NDF : 11272.4/11
 153.082 $\pm$ 0.089 χ^2/NDF : 20811.7/9

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -38.505 ± 1.551 $\chi^2/\text{NDF}: 4.8/1$

Left Out: -40.588 ± 0.759 $\chi^2/\text{NDF}: 503.5/9$

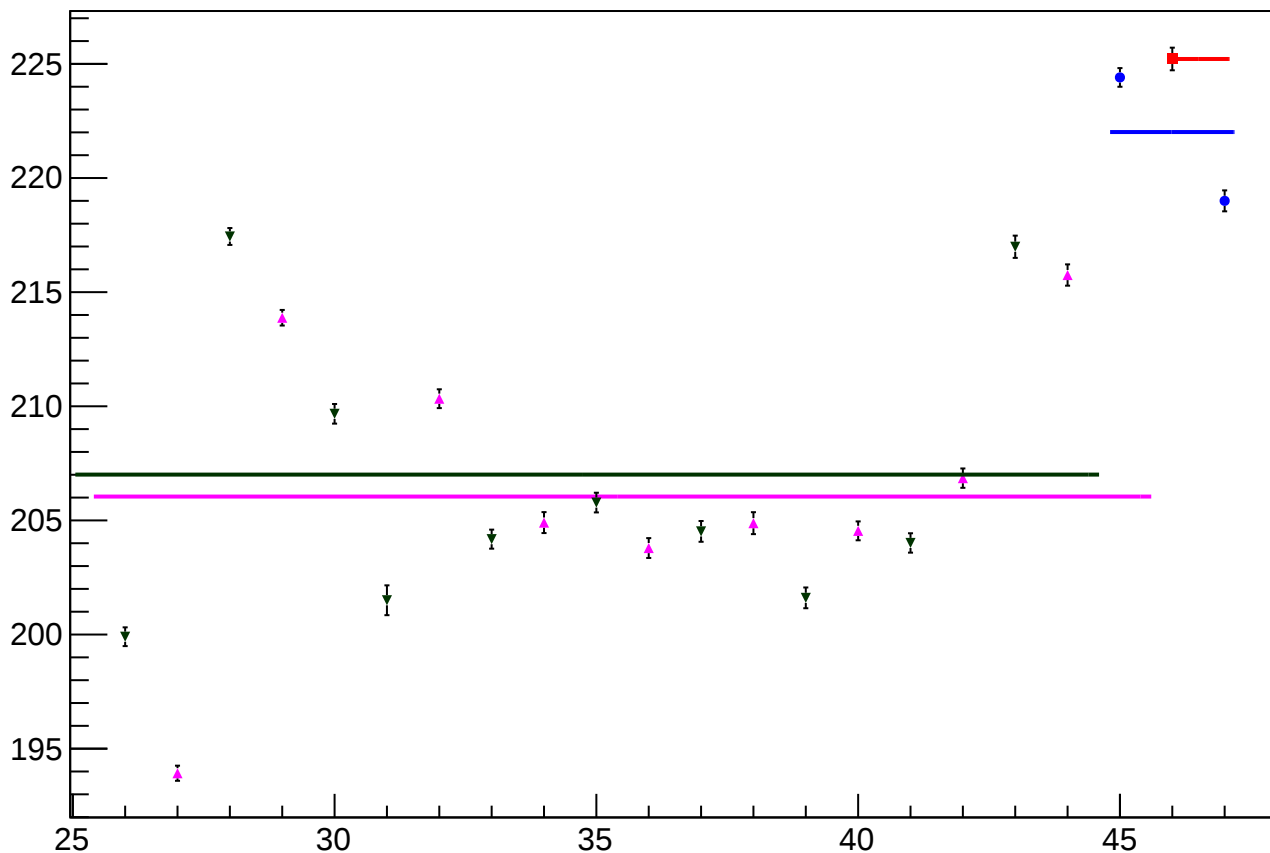
Right Out: -35.067 ± 2.522 $\chi^2/\text{NDF}: 0.0/0$

Left In: -21.140 ± 0.636 $\chi^2/\text{NDF}: 1191.2/8$

-40.186 ± 0.681 $\chi^2/\text{NDF}: 509.7/11$

-21.972 ± 0.617 $\chi^2/\text{NDF}: 1219.9/9$

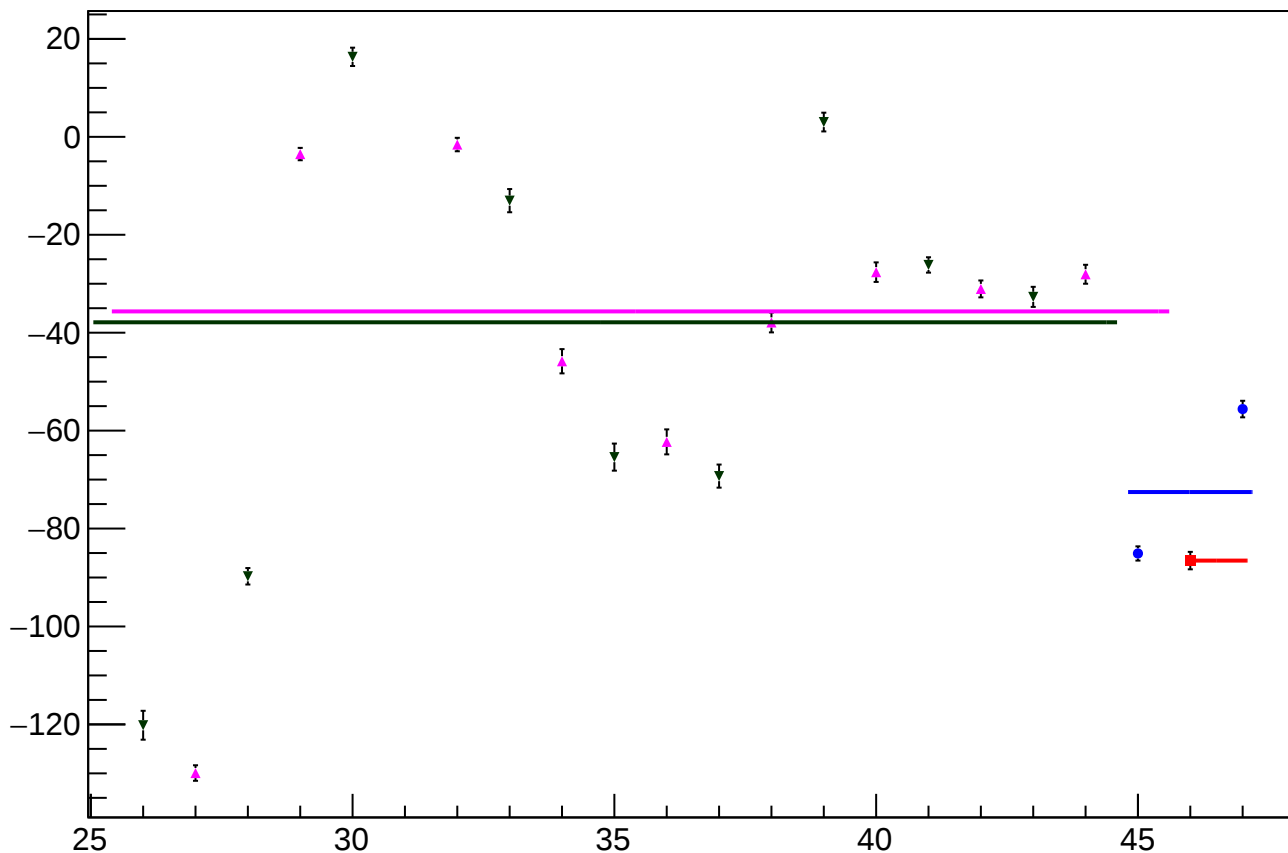
reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 222.015 $\pm$ 0.305 χ^2/NDF : 77.4/1
 Left Out: 207.007 $\pm$ 0.139 χ^2/NDF :1896.8/9
 Right Out: 225.215 $\pm$ 0.496 χ^2/NDF : 0.0/0
 Left In: 206.045 $\pm$ 0.136 χ^2/NDF :2460.3/8

209.594 $\pm$ 0.127 χ^2/NDF : 3974.3/11
 207.391 $\pm$ 0.131 χ^2/NDF : 3851.5/9

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -72.543+/-1.102 χ^2/NDF : 175.0/1

Left Out: -37.875+/-0.681 χ^2/NDF : 3472.1/8

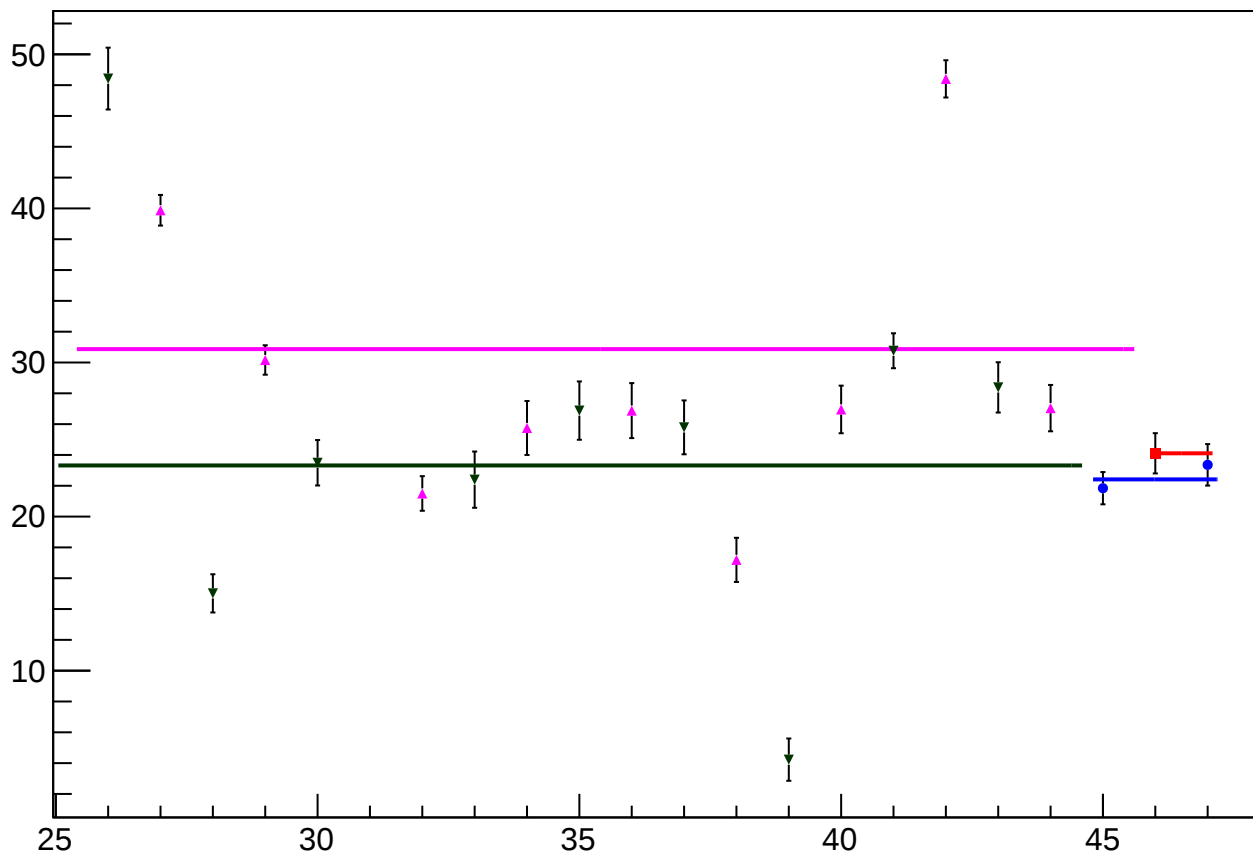
Right Out: -86.545+/-1.781 χ^2/NDF : 0.0/0

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-47.446+/-0.579 χ^2/NDF : 4363.2/10

-40.542+/-0.552 χ^2/NDF : 5696.2/9

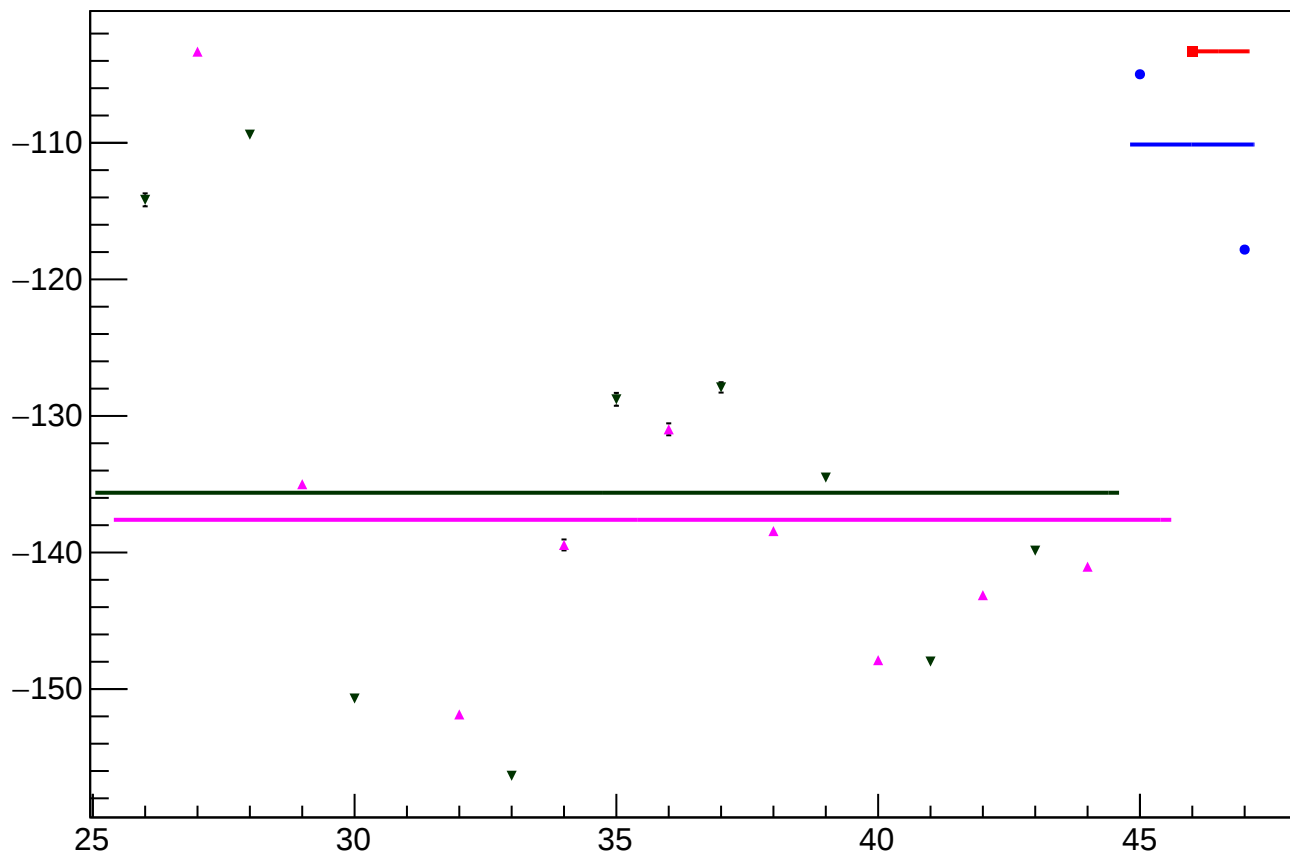
reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 22.414 ± 0.826 $\chi^2/\text{NDF}: 0.8/1$
 Left Out: 23.318 ± 0.503 $\chi^2/\text{NDF}: 453.6/8$
 Right Out: 24.107 ± 1.306 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 30.868 ± 0.424 $\chi^2/\text{NDF}: 480.3/8$

23.074 ± 0.430 $\chi^2/\text{NDF}: 455.3/10$
 30.225 ± 0.403 $\chi^2/\text{NDF}: 504.6/9$

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -110.124 ± 0.180 χ^2/NDF : 1225.5/1

Left Out: -135.624 ± 0.114 χ^2/NDF : 18316.3/8

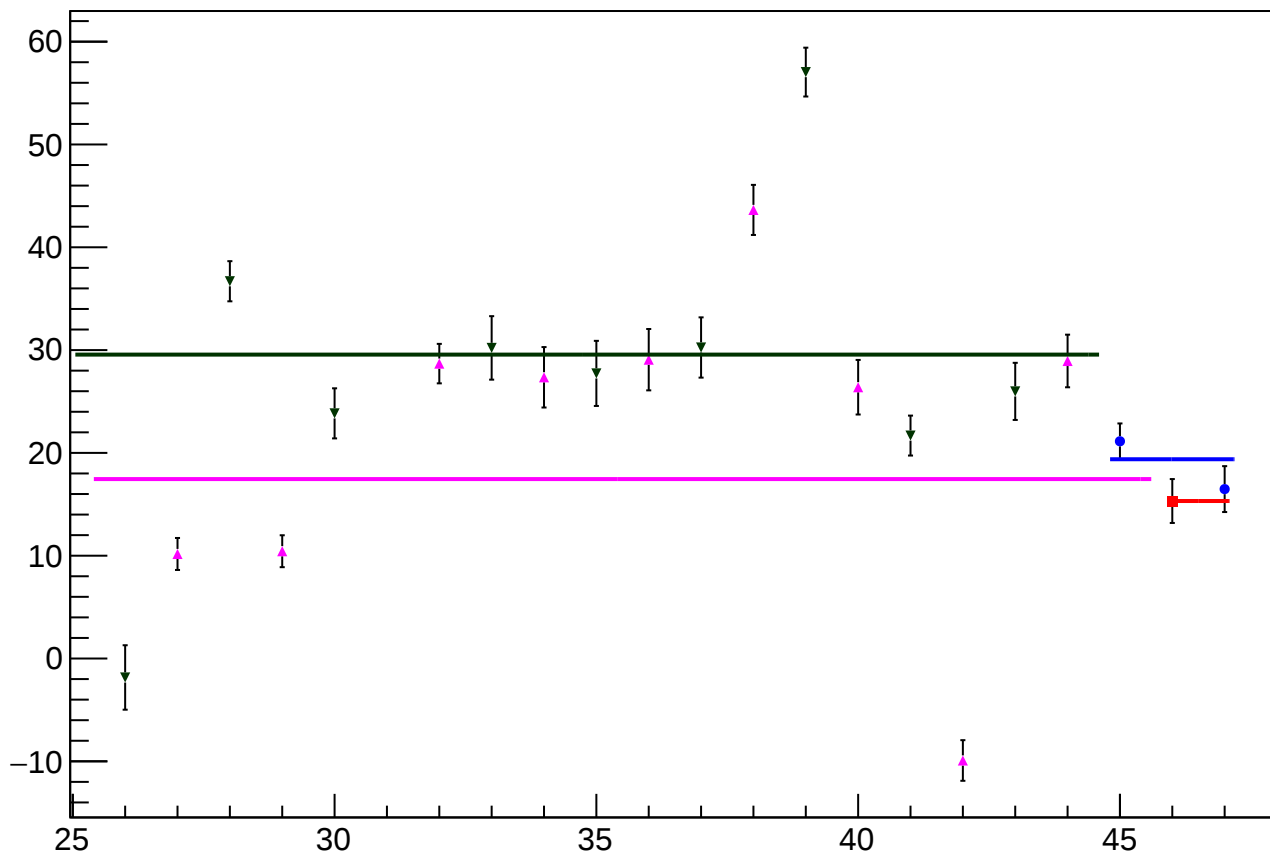
Right Out: -103.301 ± 0.269 χ^2/NDF : 0.0/0

Left In: -137.605 ± 0.100 χ^2/NDF : 21119.1/8

-128.286 ± 0.096 χ^2/NDF : 33880.3/10

-133.471 ± 0.093 χ^2/NDF : 35403.8/9

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 19.382 $\pm$ 1.369 χ^2 /NDF: 2.7/1

Left Out: 29.561 $\pm$ 0.838 χ^2 /NDF:271.6/8

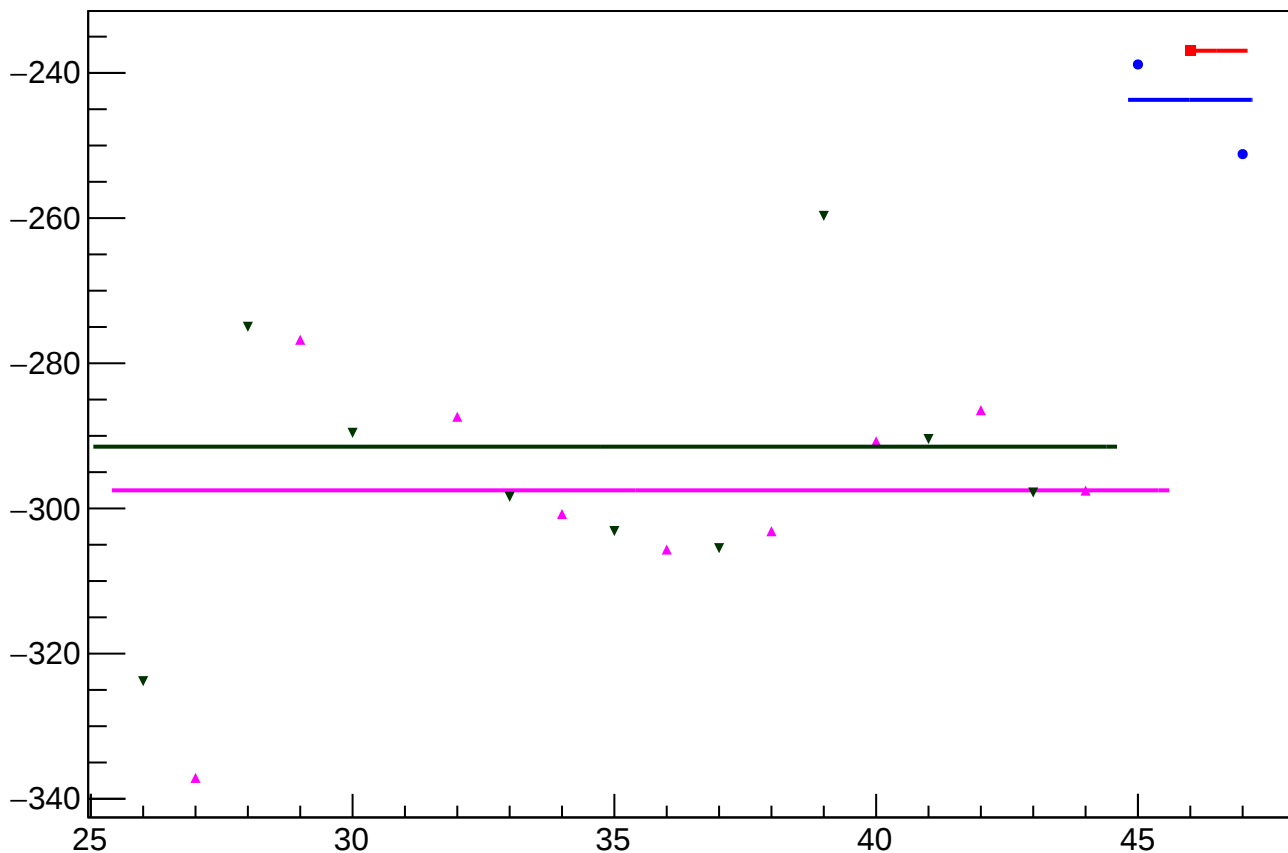
Right Out: 15.320 $\pm$ 2.135 χ^2 /NDF: 0.0/0

Left In: 17.454 $\pm$ 0.699 χ^2 /NDF:441.9/8

26.787 $\pm$ 0.714 χ^2 /NDF: 314.6/10

17.247 $\pm$ 0.664 χ^2 /NDF: 442.8/9

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -243.706+/-0.270 χ^2/NDF : 498.5/1

Left Out: -291.489+/-0.156 χ^2/NDF :12241.2/8

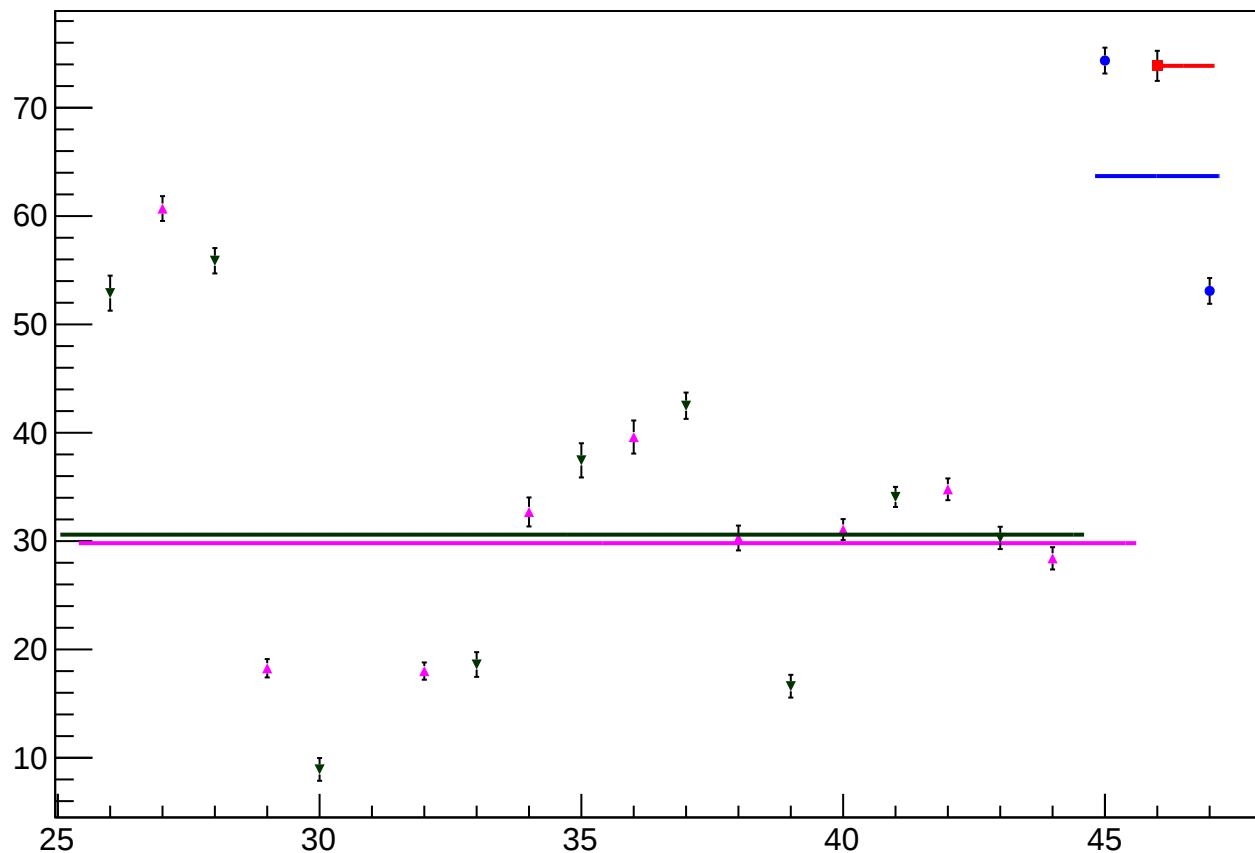
Right Out: -236.939+/-0.420 χ^2/NDF : 0.0/0

Left In: -297.505+/-0.148 χ^2/NDF :15085.1/8

-279.532+/-0.135 χ^2/NDF : 36153.9/10

-290.782+/-0.140 χ^2/NDF : 33574.2/9

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 63.692 $\pm$ 0.842 χ^2 /NDF: 159.2/1

Left Out: 30.597 $\pm$ 0.381 χ^2 /NDF:1496.6/8

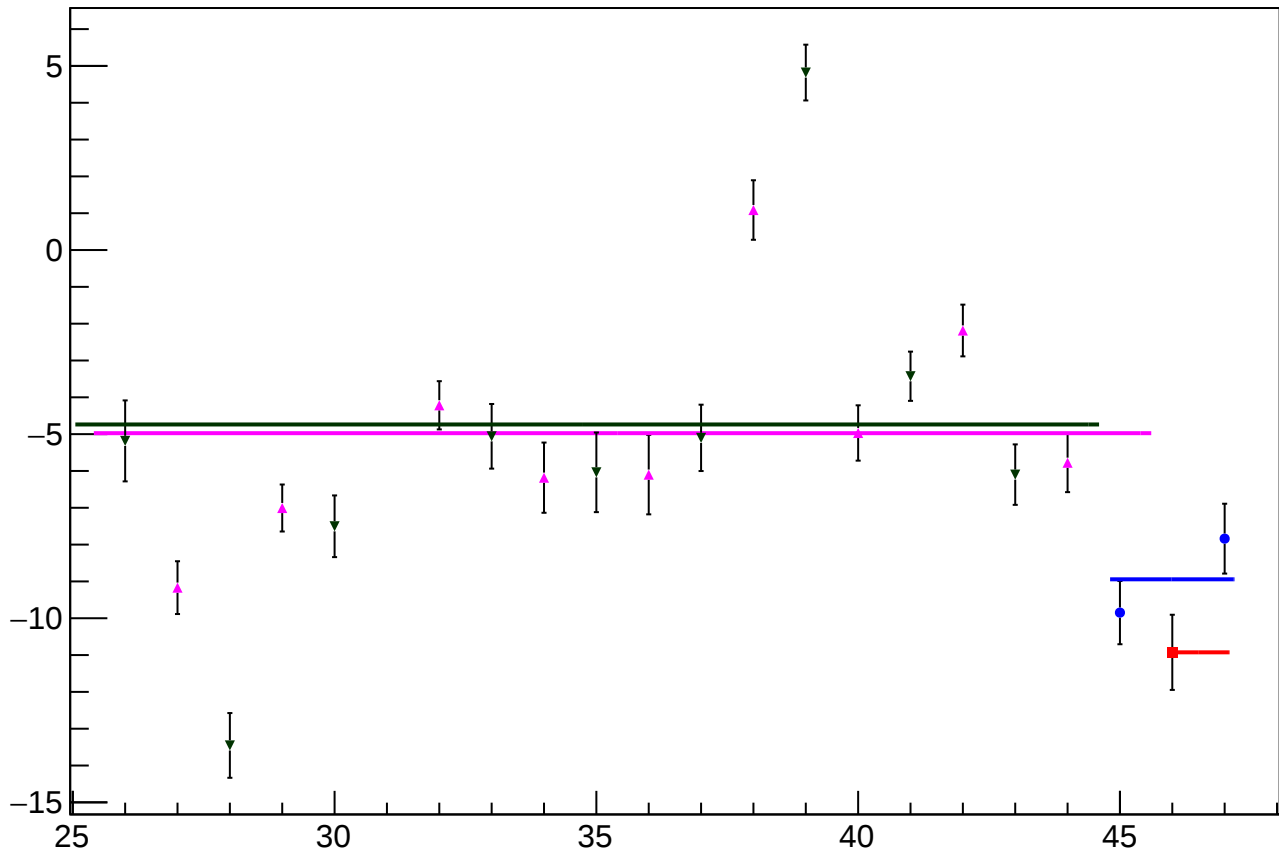
Right Out: 73.867 $\pm$ 1.389 χ^2 /NDF: 0.0/0

Left In: 29.811 $\pm$ 0.343 χ^2 /NDF:1208.1/8

36.226 $\pm$ 0.347 χ^2 /NDF: 2936.5/10

32.349 $\pm$ 0.333 χ^2 /NDF: 2156.8/9

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -8.943+/-0.637 χ^2/NDF : 2.5/1

Left Out: -4.737+/-0.284 χ^2/NDF : 276.8/8

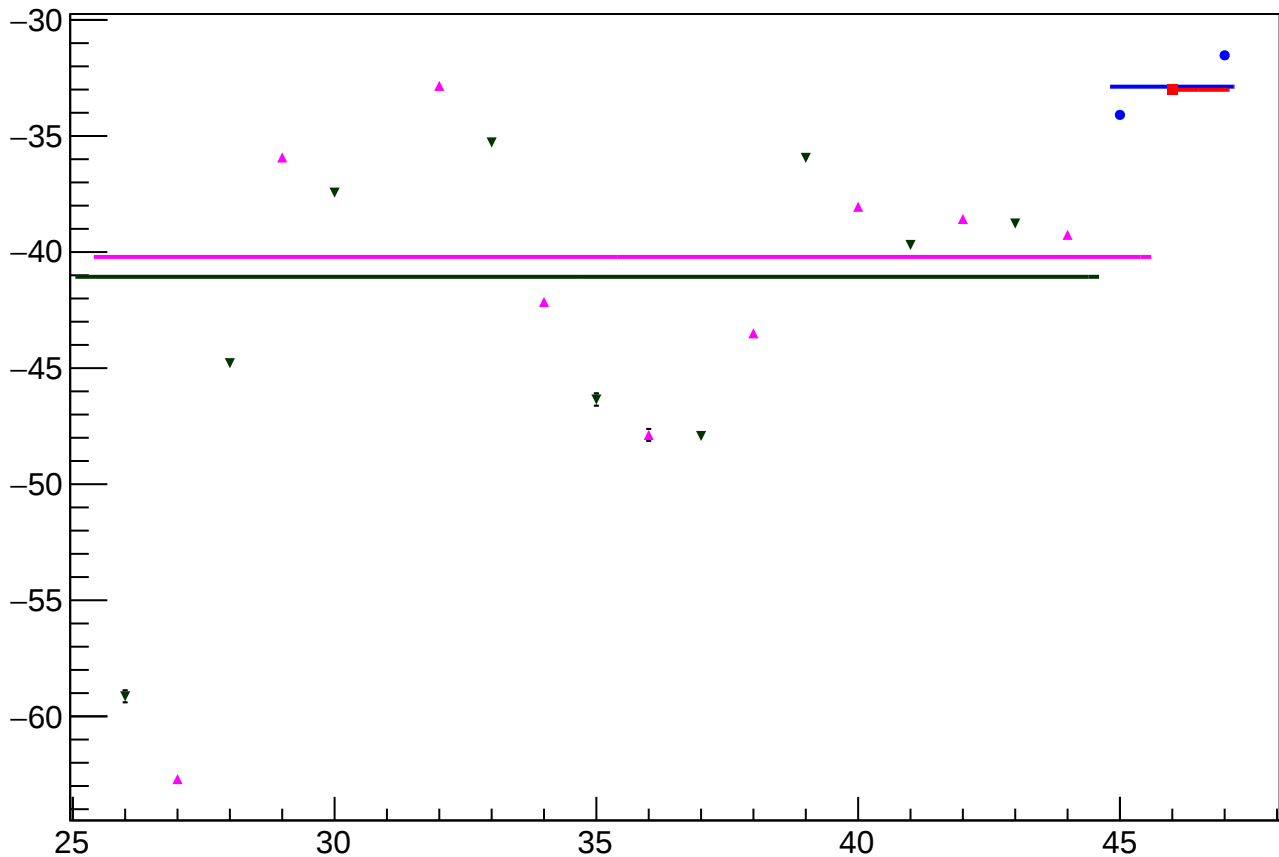
Right Out: -10.926+/-1.021 χ^2/NDF : 0.0/0

Left In: -4.974+/-0.253 χ^2/NDF : 121.4/8

-5.436+/-0.259 χ^2/NDF : 315.7/10

-5.319+/-0.246 χ^2/NDF : 153.4/9

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -32.875+/-0.138 χ^2/NDF : 86.6/1

Left Out: -41.066+/-0.063 χ^2/NDF : 9369.8/8

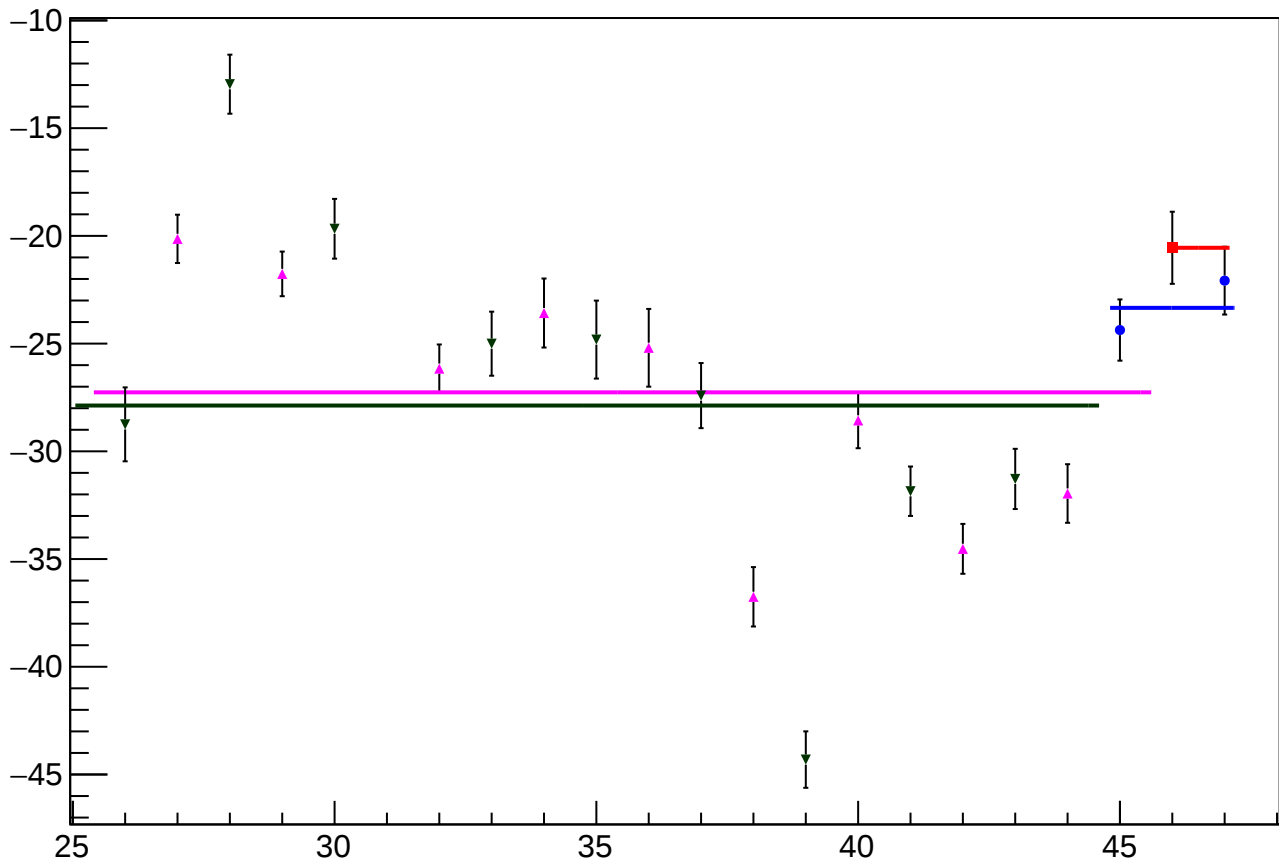
Right Out: -33.010+/-0.209 χ^2/NDF : 0.0/0

Left In: -40.210+/-0.058 χ^2/NDF : 18072.5/8

-39.633+/-0.058 χ^2/NDF : 12377.2/10

-39.688+/-0.056 χ^2/NDF : 19171.9/9

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.341 $\pm$ 1.055 χ^2 /NDF: 1.2/1

Left Out: -27.875 $\pm$ 0.474 χ^2 /NDF:335.8/8

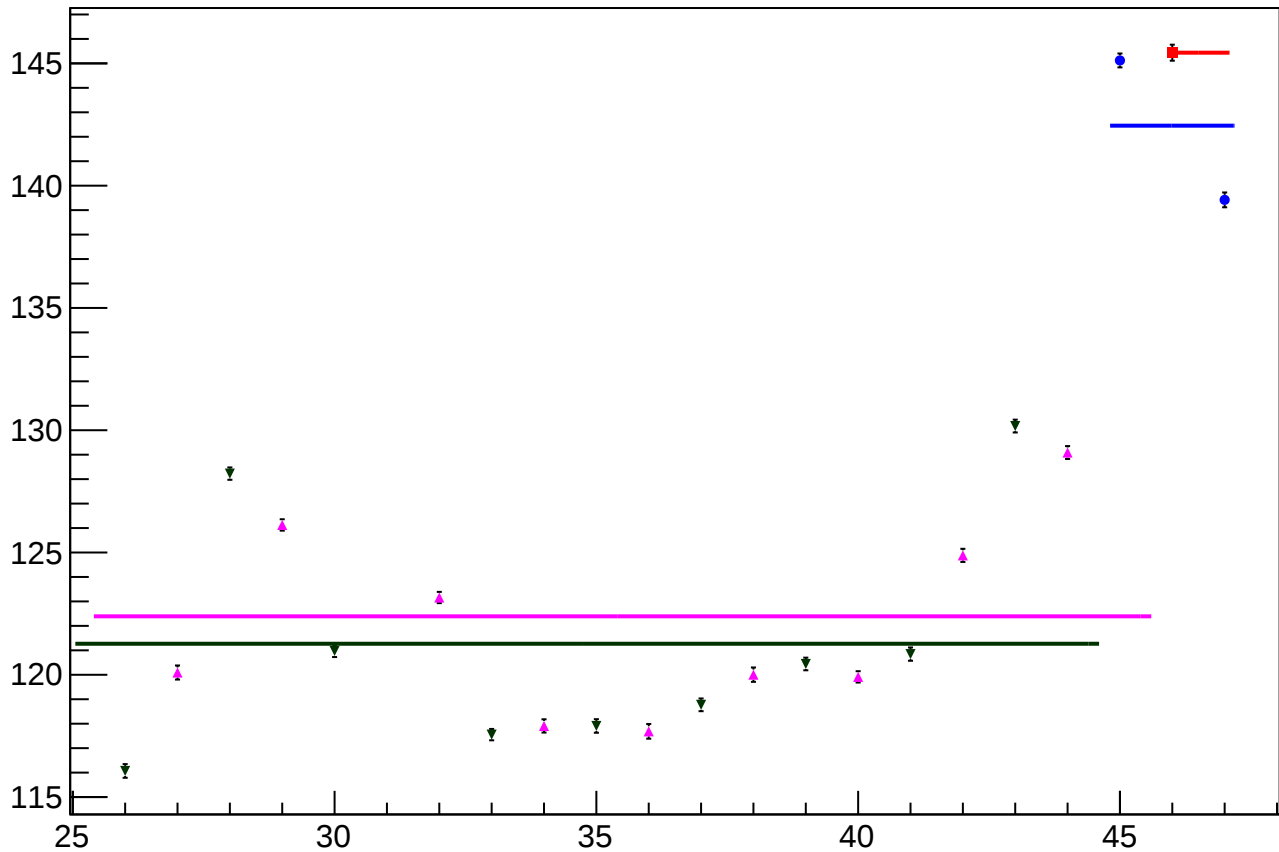
Right Out: -20.553 $\pm$ 1.673 χ^2 /NDF: 0.0/0

Left In: -27.262 $\pm$ 0.421 χ^2 /NDF:175.8/8

-27.112 $\pm$ 0.433 χ^2 /NDF: 352.3/10

-26.862 $\pm$ 0.409 χ^2 /NDF: 190.9/9

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 142.454 ± 0.207 χ^2/NDF : 188.0/1

Left Out: 121.269 ± 0.087 χ^2/NDF : 2757.8/8

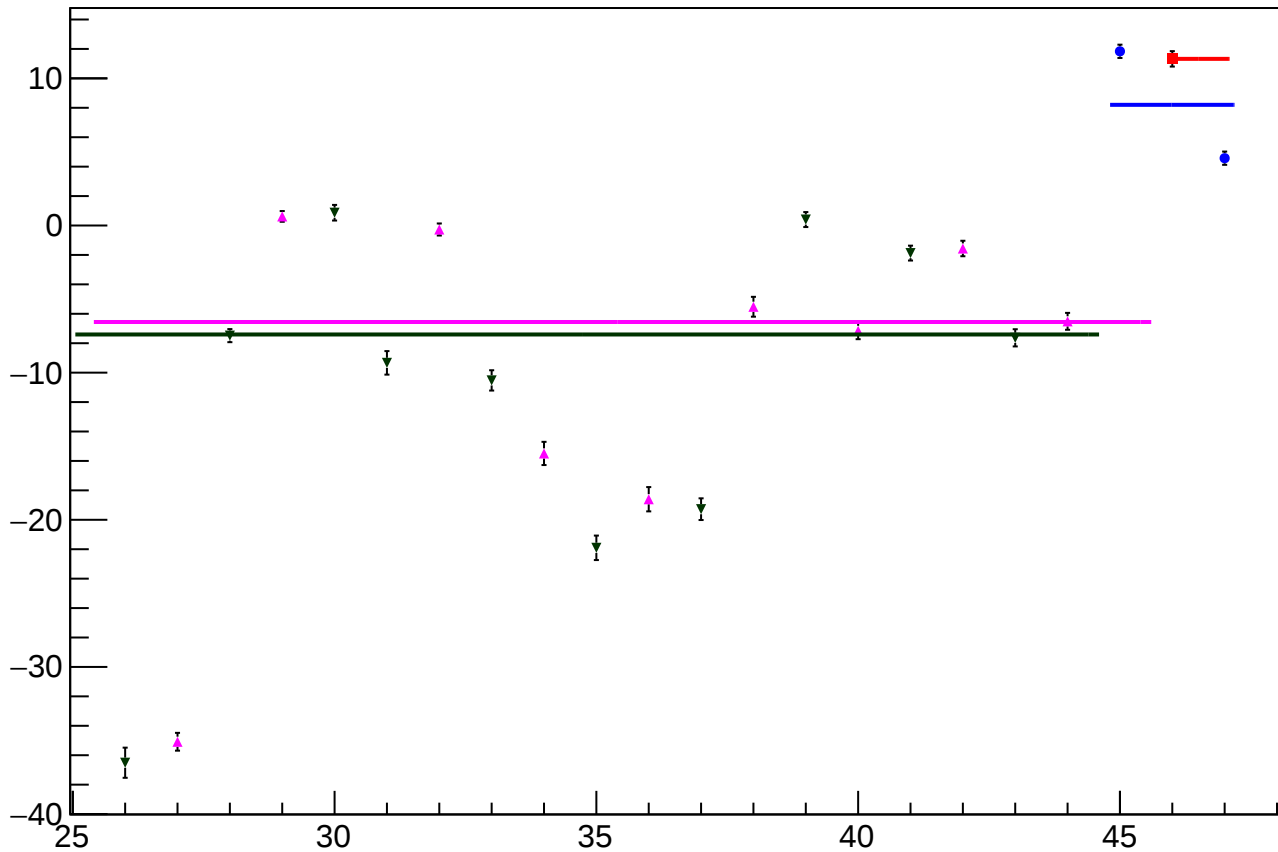
Right Out: 145.438 ± 0.328 χ^2/NDF : 0.0/0

Left In: 122.391 ± 0.087 χ^2/NDF : 1757.6/8

124.412 ± 0.080 χ^2/NDF : 11824.4/10

123.905 ± 0.084 χ^2/NDF : 6375.5/9

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: 8.201 $\pm$ 0.319 χ^2 /NDF: 129.3/1

Left Out: -7.406 $\pm$ 0.192 χ^2 /NDF: 1994.4/9

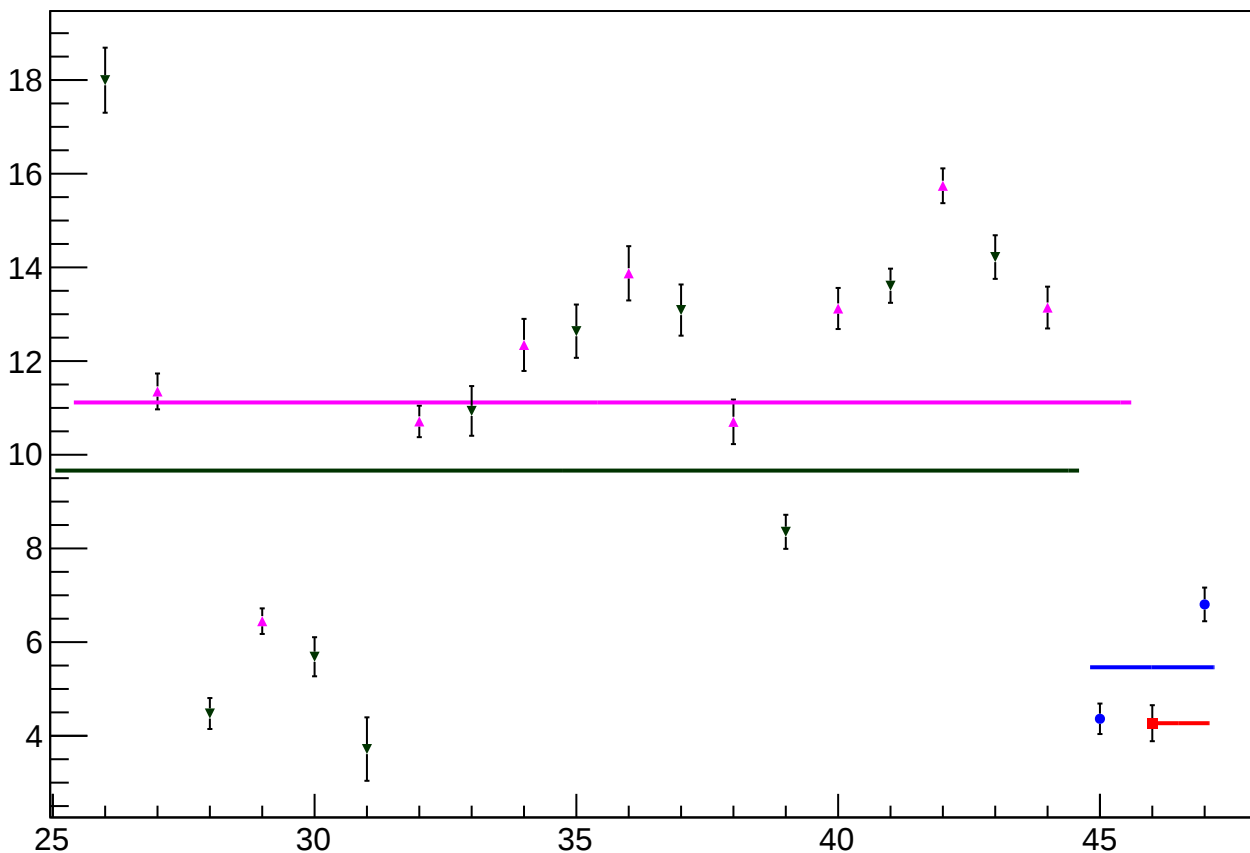
Right Out: 11.325 $\pm$ 0.524 χ^2 /NDF: 0.0/0

Left In: -6.558 $\pm$ 0.179 χ^2 /NDF: 3282.1/8

-3.271 $\pm$ 0.164 χ^2 /NDF: 3879.3/11

-4.692 $\pm$ 0.169 χ^2 /NDF: 4324.9/9

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 5.463 ± 0.241 χ^2/NDF : 25.4/1

Left Out: 9.662 ± 0.143 χ^2/NDF : 856.3/9

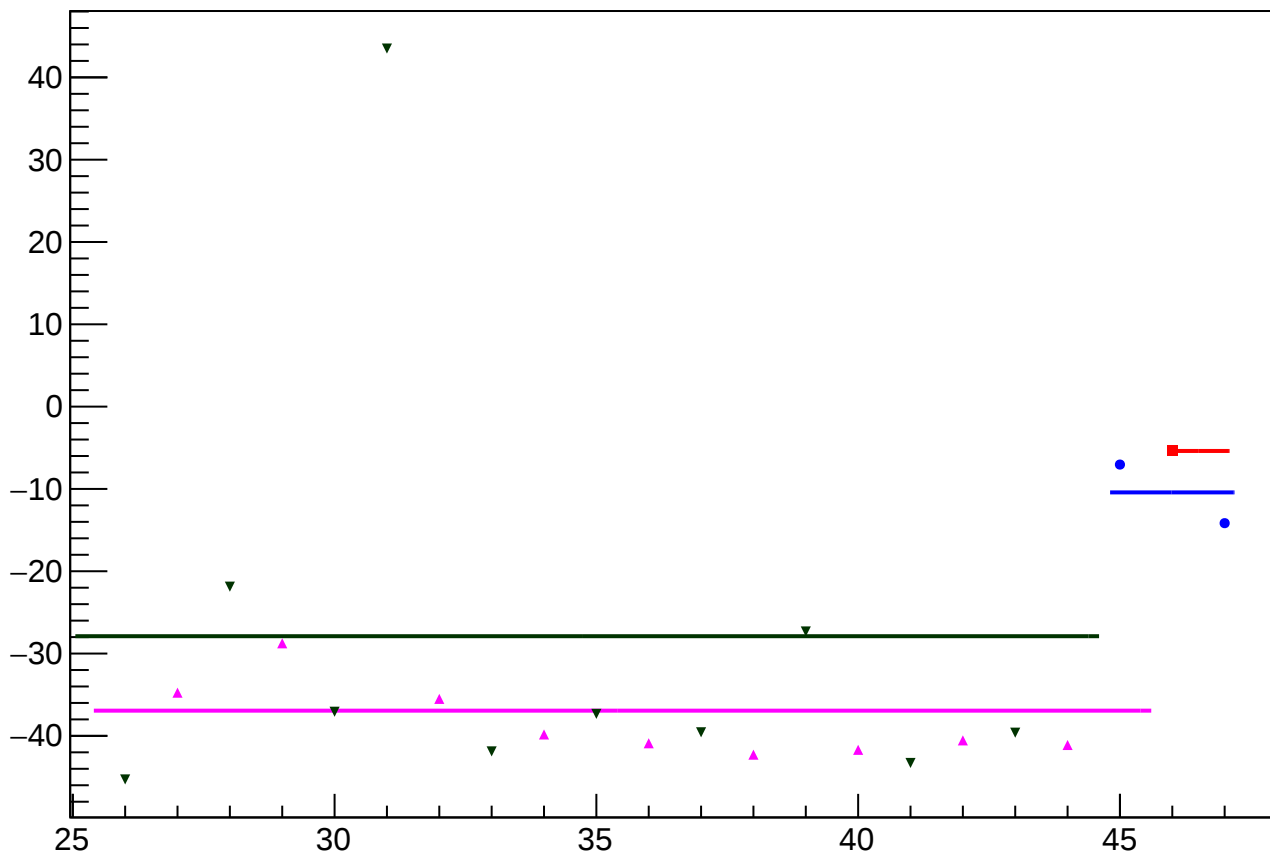
Right Out: 4.269 ± 0.384 χ^2/NDF : 0.0/0

Left In: 11.116 ± 0.132 χ^2/NDF : 518.9/8

8.569 ± 0.123 χ^2/NDF : 1106.0/11

10.392 ± 0.125 χ^2/NDF : 802.6/9

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -10.421 $\pm$ 0.052 χ^2 /NDF: 4633.3/1

Left Out: -27.892 $\pm$ 0.032 χ^2 /NDF: 549678.9/9

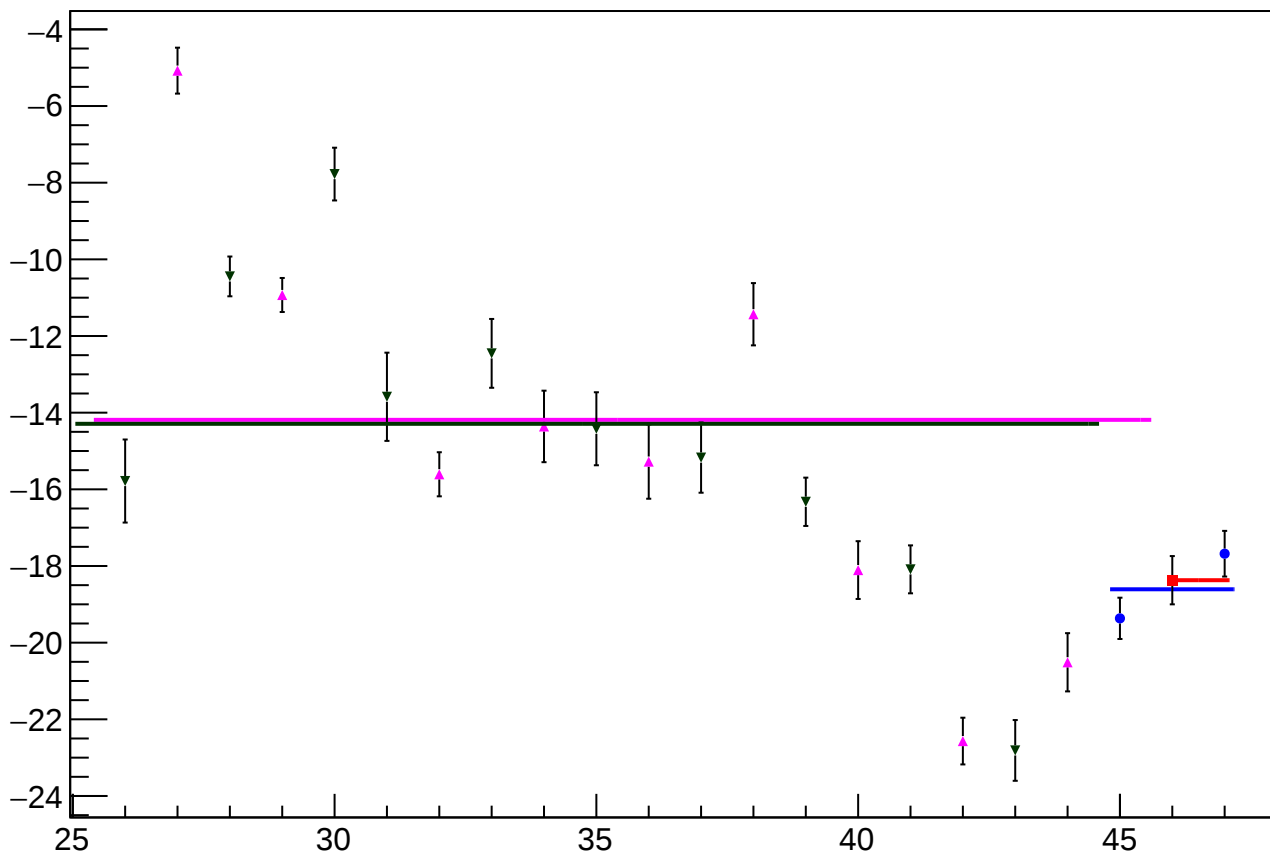
-23.178 $\pm$ 0.027 χ^2 /NDF: 636037.5/11

Right Out: -5.387 $\pm$ 0.079 χ^2 /NDF: 0.0/0

-32.793 $\pm$ 0.029 χ^2 /NDF: 161734.2/9

Left In: -36.937 $\pm$ 0.031 χ^2 /NDF: 23653.1/8

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -18.608 $\pm$ 0.400 χ^2 /NDF: 4.4/1

Left Out: -14.291 $\pm$ 0.238 χ^2 /NDF:314.9/9

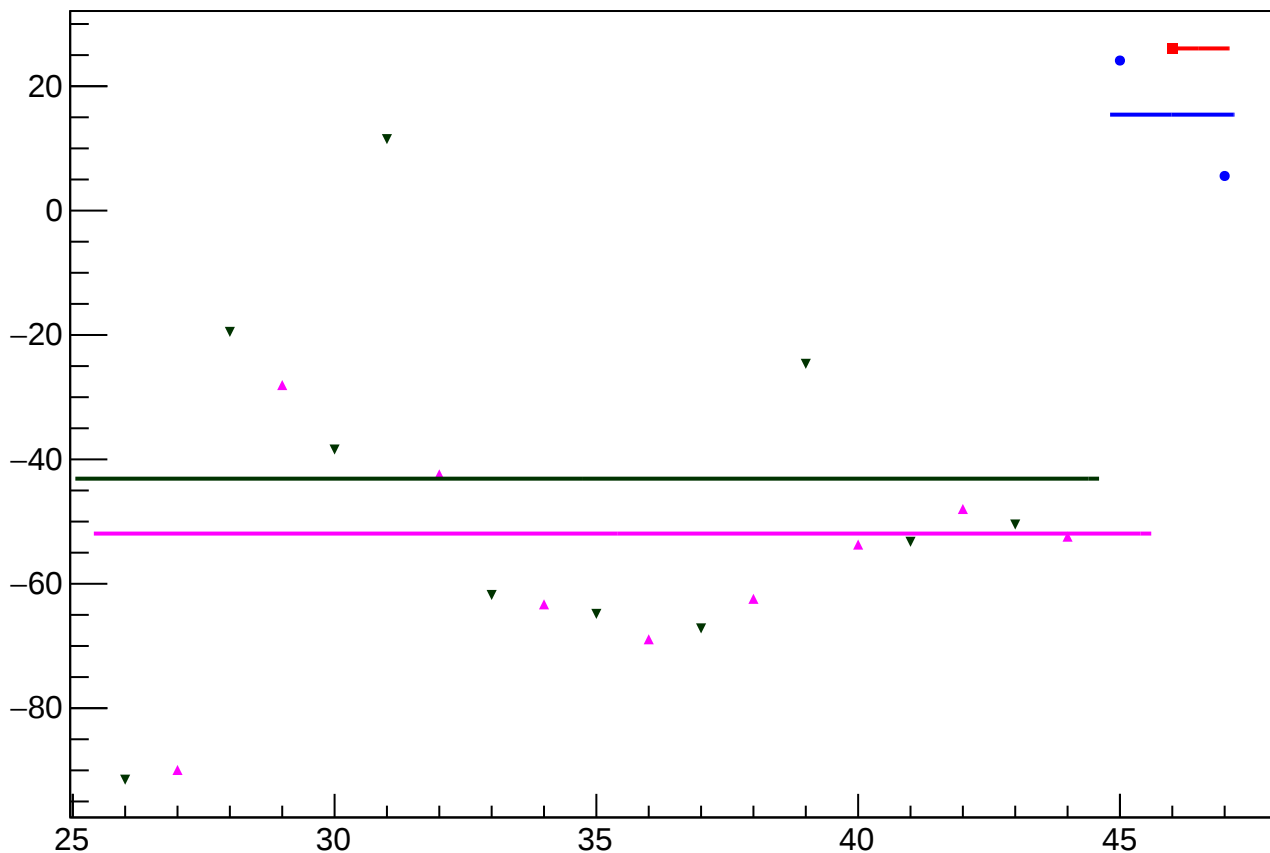
Right Out: -18.371 $\pm$ 0.630 χ^2 /NDF: 0.0/0

Left In: -14.187 $\pm$ 0.219 χ^2 /NDF:589.2/8

-15.422 $\pm$ 0.205 χ^2 /NDF: 405.4/11

-14.640 $\pm$ 0.207 χ^2 /NDF: 628.6/9

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: 15.426+/-0.079 χ^2/NDF : 13865.0/1

Left Out: -43.100+/-0.044 χ^2/NDF : 296352.7/9

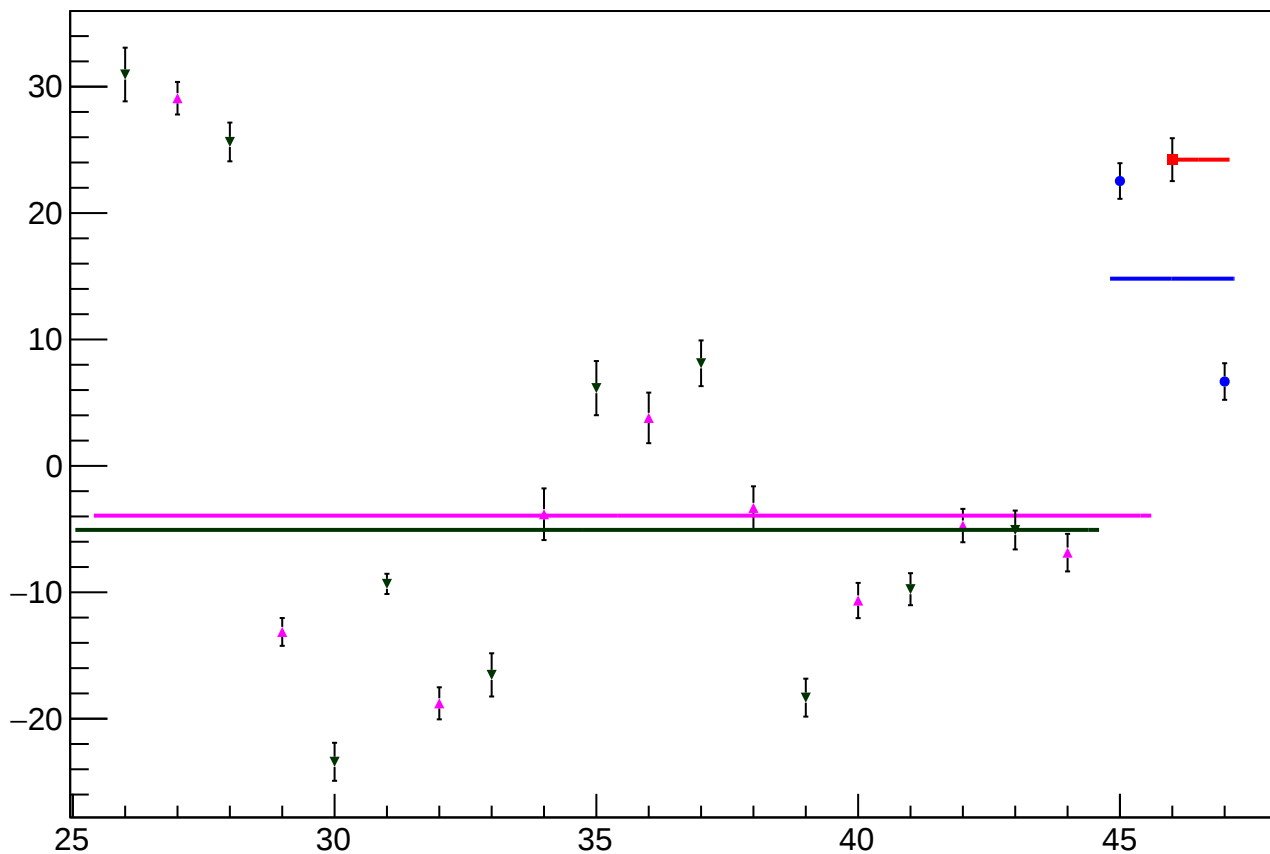
Right Out: 26.071+/-0.124 χ^2/NDF : 0.0/0

Left In: -51.929+/-0.046 χ^2/NDF : 149071.1/8

-29.139+/-0.038 χ^2/NDF : 731876.3/11

-42.539+/-0.043 χ^2/NDF : 499764.3/9

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 14.812 ± 1.010 χ^2/NDF : 61.7/1

Left Out: -5.063 ± 0.447 χ^2/NDF : 1084.1/9

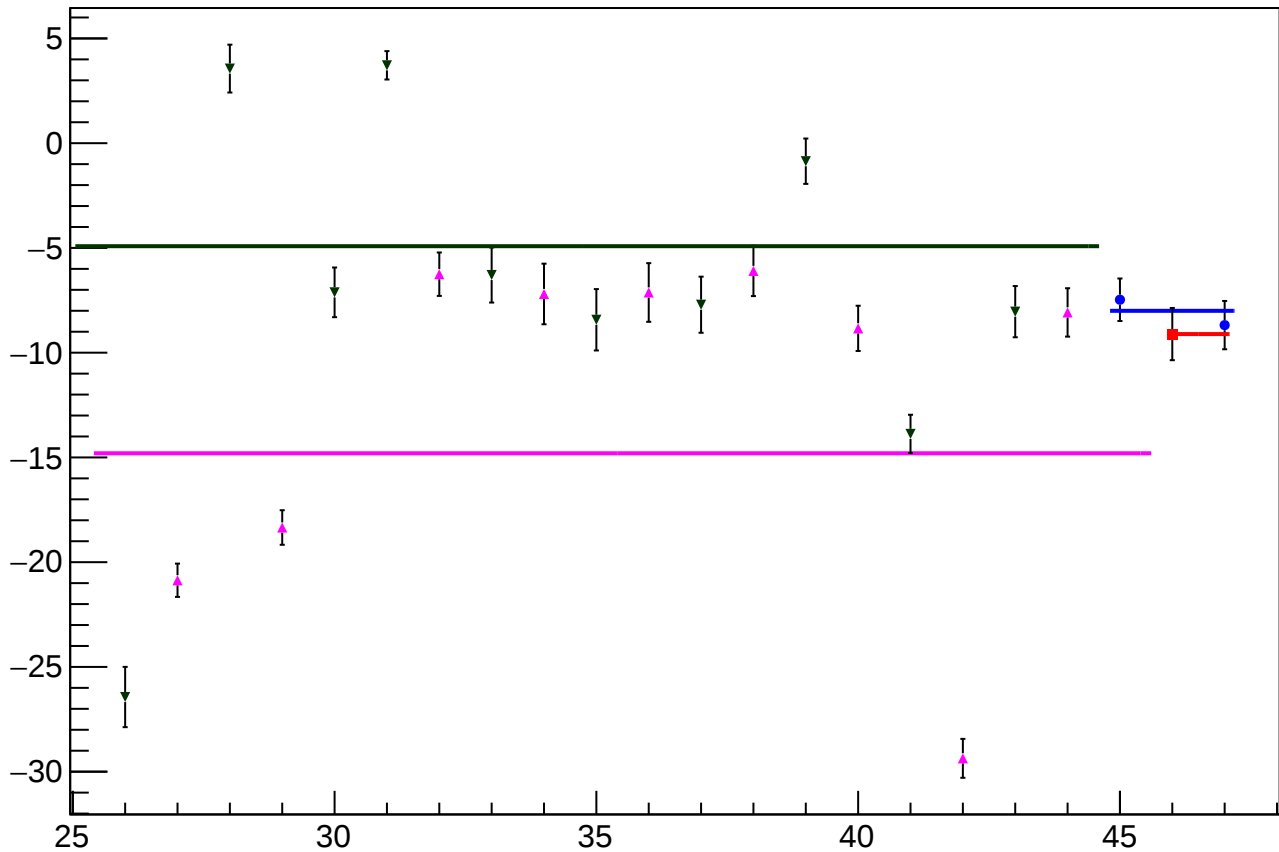
Right Out: 24.226 ± 1.697 χ^2/NDF : 0.0/0

Left In: -3.935 ± 0.475 χ^2/NDF : 906.7/8

-1.809 ± 0.409 χ^2/NDF : 1469.8/11

-1.887 ± 0.458 χ^2/NDF : 1161.9/9

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -8.002 ± 0.761 χ^2/NDF : 0.6/1

Left Out: -4.917 ± 0.344 χ^2/NDF : 572.7/9

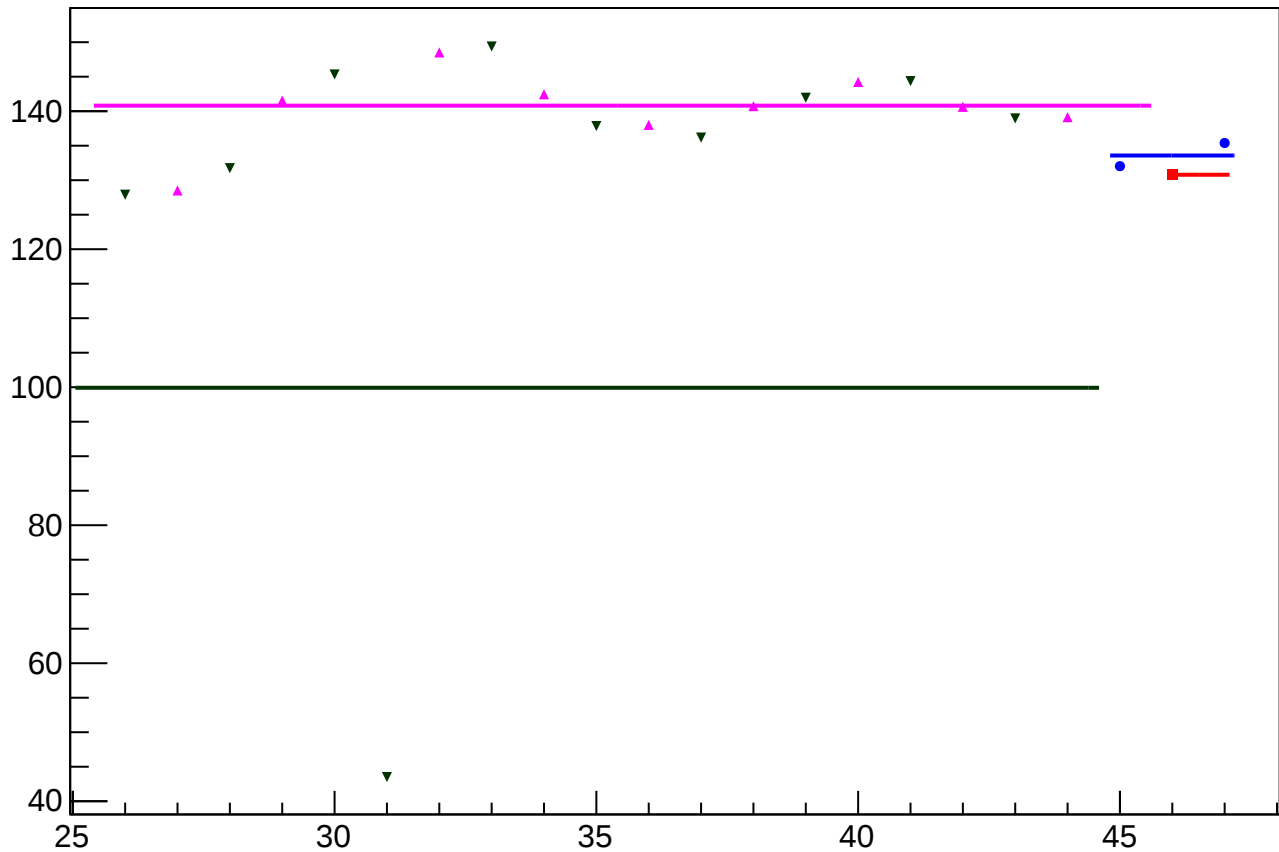
Right Out: -9.111 ± 1.246 χ^2/NDF : 0.0/0

Left In: -14.801 ± 0.344 χ^2/NDF : 564.9/8

-5.439 ± 0.313 χ^2/NDF : 587.0/11

-14.397 ± 0.332 χ^2/NDF : 584.3/9

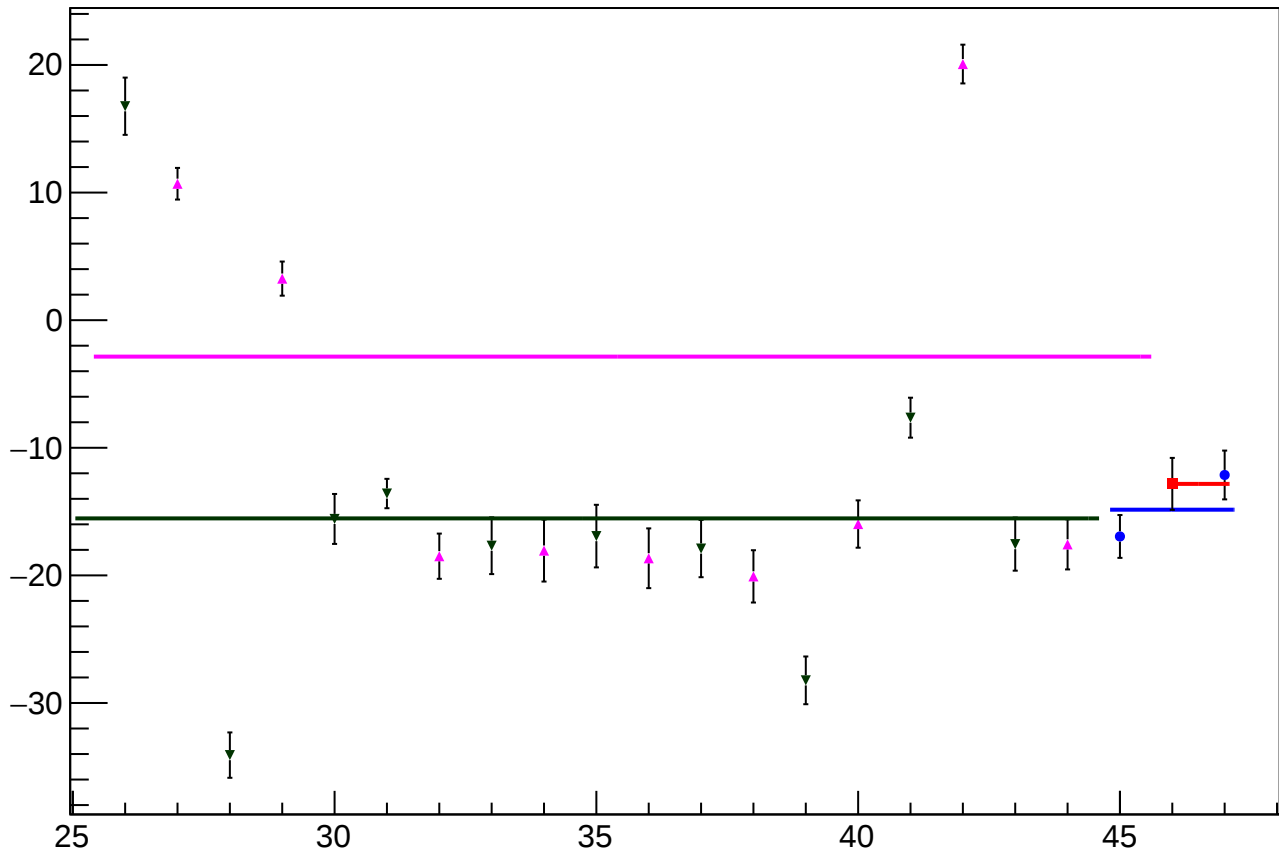
reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 133.579 ± 0.165 $\chi^2/\text{NDF}: 102.8/1$
 Left Out: 99.920 ± 0.069 $\chi^2/\text{NDF}: 483835.4/9$
 Right Out: 130.790 ± 0.256 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 140.804 ± 0.082 $\chi^2/\text{NDF}: 4715.7/8$

104.930 ± 0.064 $\chi^2/\text{NDF}: 519392.3/11$
 139.872 ± 0.078 $\chi^2/\text{NDF}: 6100.1/9$

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.852 ± 1.261 χ^2/NDF : 3.6/1

Left Out: -15.534 ± 0.575 χ^2/NDF : 393.8/9

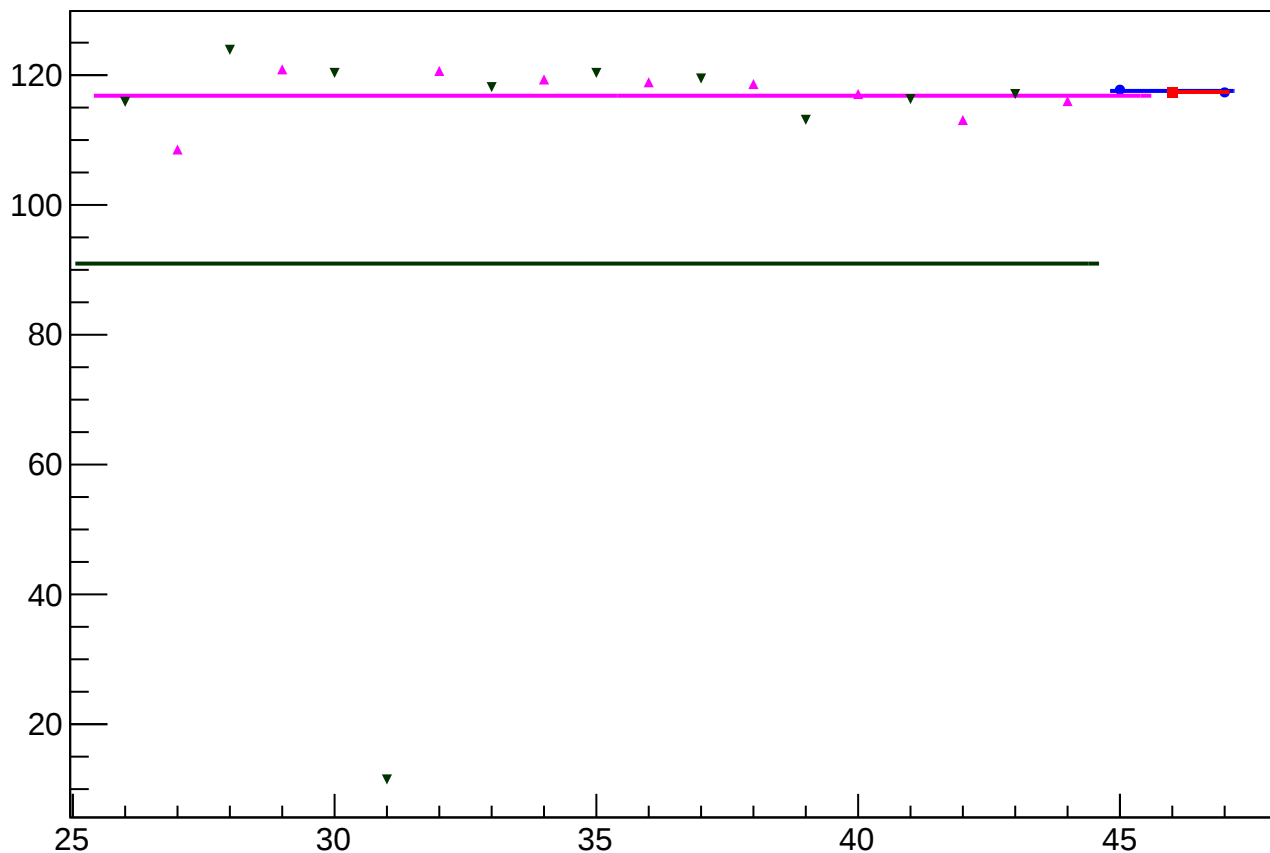
Right Out: -12.831 ± 2.038 χ^2/NDF : 0.0/0

Left In: -2.855 ± 0.568 χ^2/NDF : 707.5/8

-15.417 ± 0.523 χ^2/NDF : 397.6/11

-3.574 ± 0.547 χ^2/NDF : 729.7/9

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 117.568 ± 0.248 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 90.964 ± 0.105 $\chi^2/\text{NDF}: 199649.1/9$

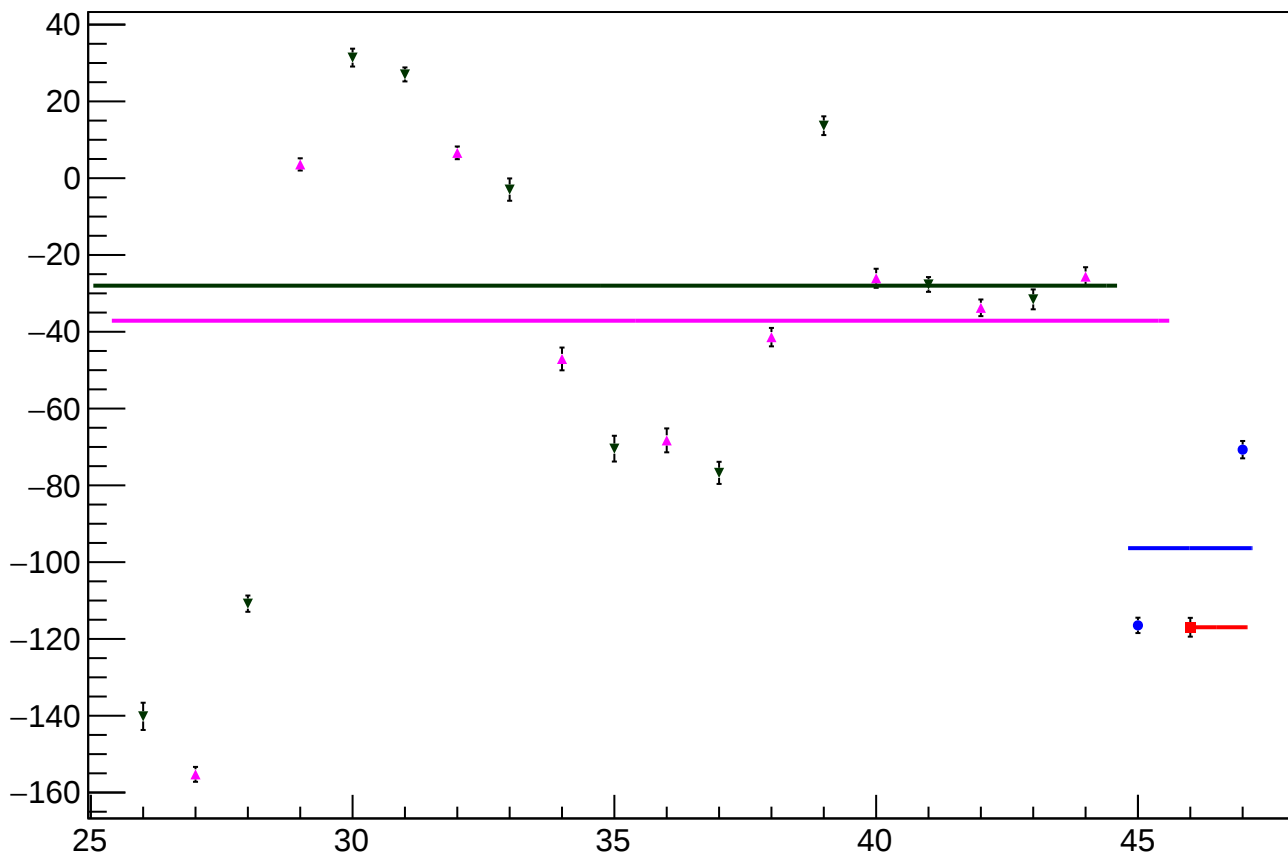
Right Out: 117.401 ± 0.400 $\chi^2/\text{NDF}: 0.0/0$

Left In: 116.827 ± 0.120 $\chi^2/\text{NDF}: 1139.4/8$

94.985 ± 0.097 $\chi^2/\text{NDF}: 209392.9/11$

116.875 ± 0.115 $\chi^2/\text{NDF}: 1141.3/9$

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -96.356+/-1.498 χ^2/NDF : 229.8/1

Left Out: -27.991+/-0.766 χ^2/NDF : 4906.9/9

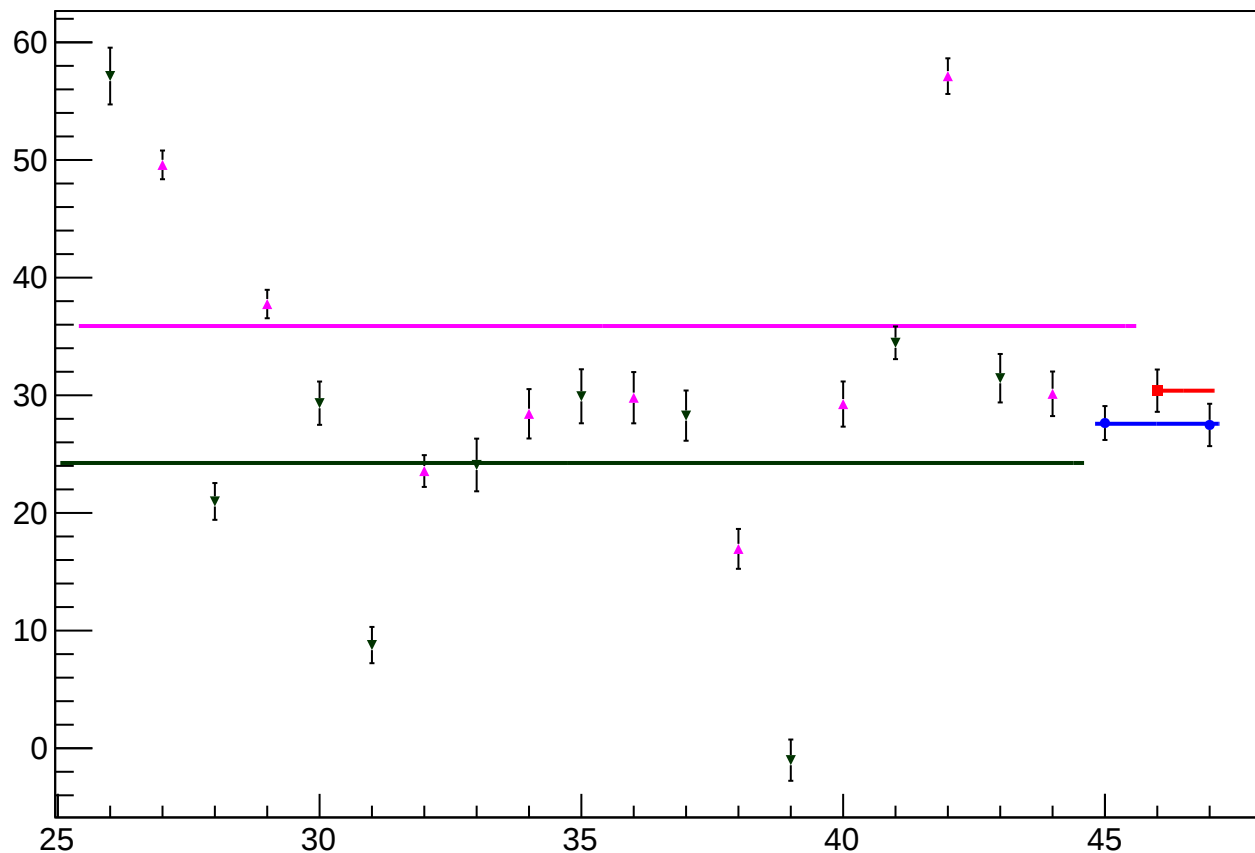
Right Out: -116.957+/-2.449 χ^2/NDF : 0.0/0

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-42.168+/-0.682 χ^2/NDF : 6786.9/11

-43.379+/-0.686 χ^2/NDF : 6198.8/9

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 27.579+/-1.124 χ^2 /NDF: 0.0/1

Left Out: 24.247+/-0.579 χ^2 /NDF:582.0/9

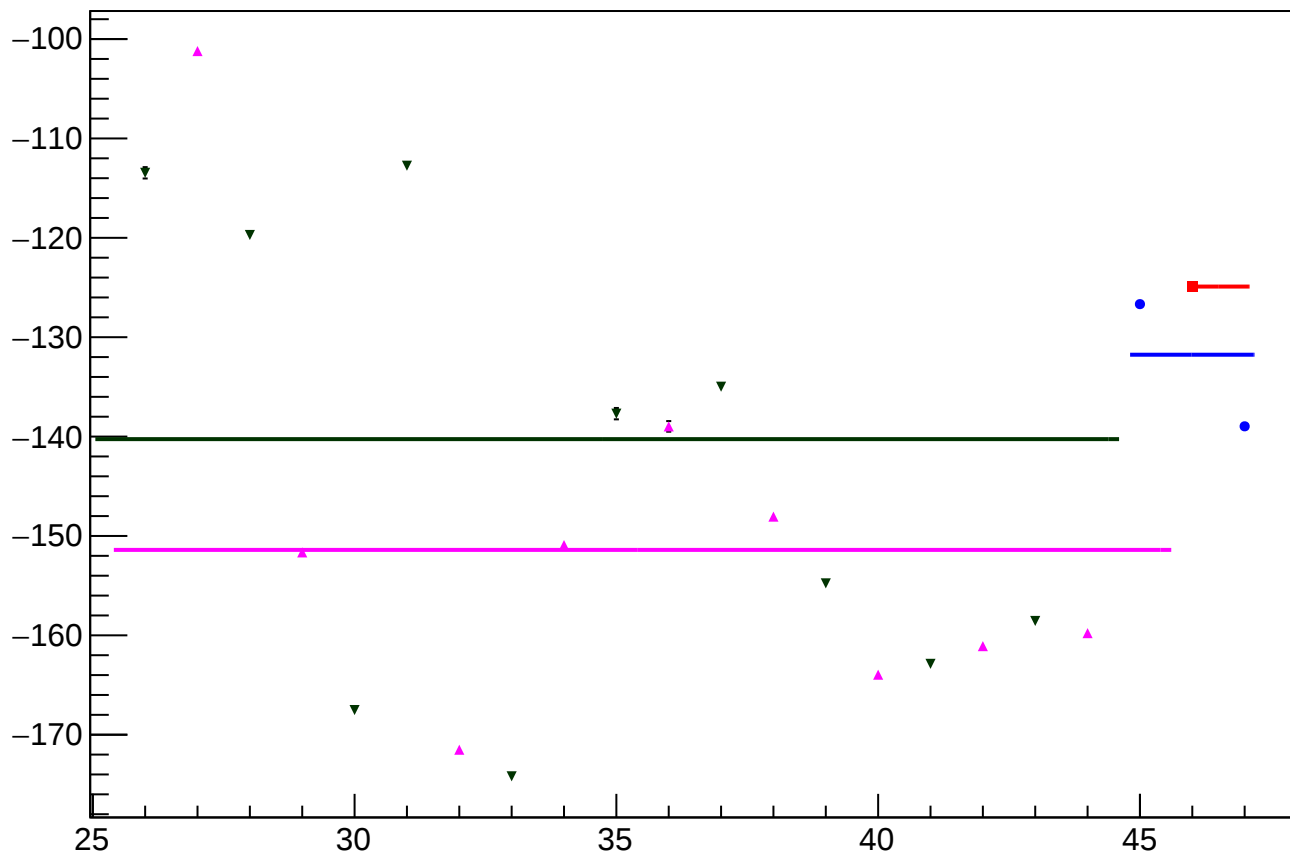
Right Out: 30.392+/-1.798 χ^2 /NDF: 0.0/0

Left In: 35.888+/-0.522 χ^2 /NDF:574.5/8

24.945+/-0.515 χ^2 /NDF: 588.9/11

35.462+/-0.501 χ^2 /NDF: 583.2/9

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -131.763+/-0.244 χ^2/NDF : 614.8/1

Left Out: -140.257+/-0.122 χ^2/NDF :36380.6/9

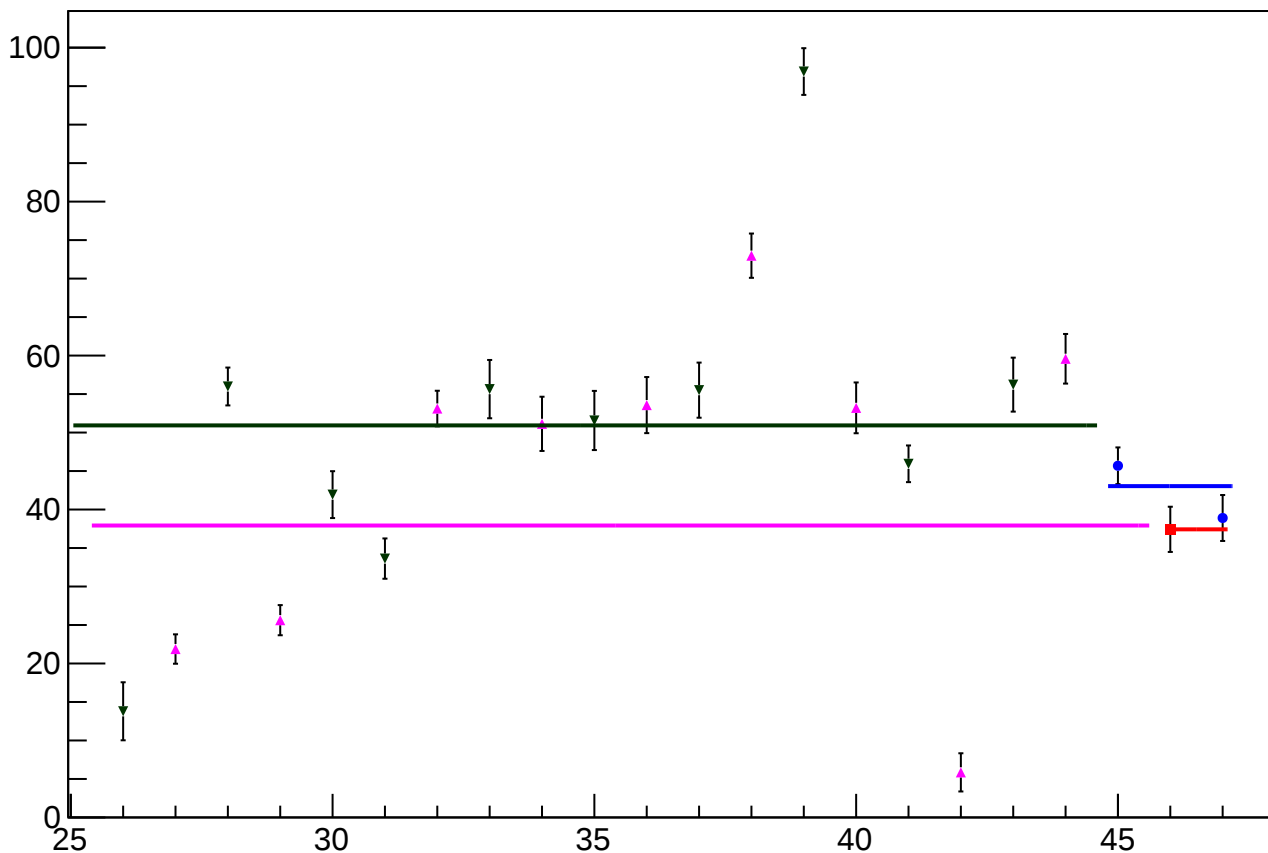
Right Out: -124.904+/-0.370 χ^2/NDF : 0.0/0

Left In: -151.403+/-0.122 χ^2/NDF :30317.9/8

-138.555+/-0.109 χ^2/NDF : 37962.5/11

-148.804+/-0.116 χ^2/NDF : 34940.3/9

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 43.041+/-1.863 χ^2 /NDF: 3.2/1

Left Out: 50.929+/-0.966 χ^2 /NDF: 393.0/9

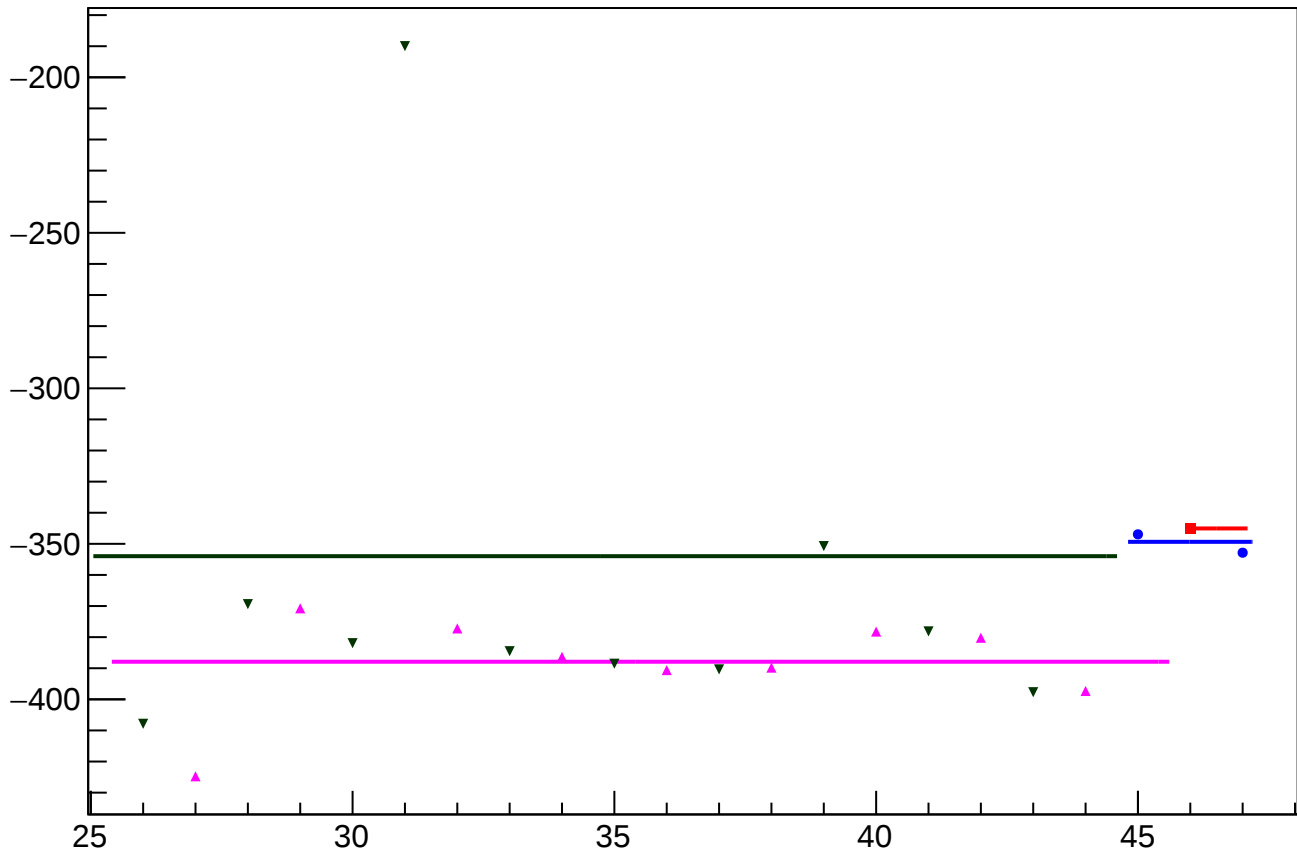
Right Out: 37.427+/-2.937 χ^2 /NDF: 0.0/0

Left In: 37.924+/-0.861 χ^2 /NDF: 567.9/8

49.256+/-0.858 χ^2 /NDF: 410.3/11

37.884+/-0.826 χ^2 /NDF: 567.9/9

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -349.355+/-0.368 χ^2/NDF : 62.4/1

Left Out: -353.970+/-0.179 χ^2/NDF : 148485.8/9

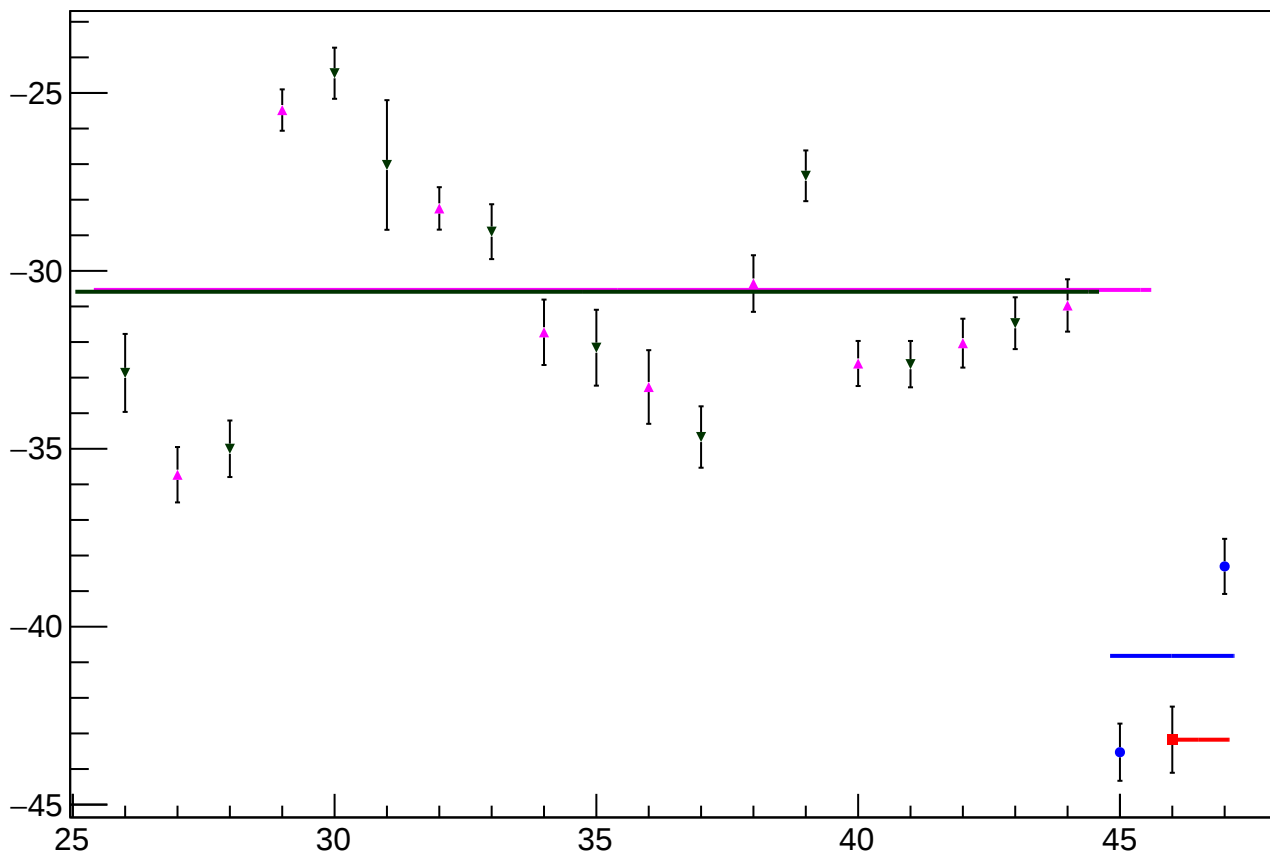
Right Out: -345.049+/-0.578 χ^2/NDF : 0.0/0

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-353.085+/-0.161 χ^2/NDF : 148675.6/11

-384.021+/-0.174 χ^2/NDF : 13316.5/9

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -40.820+/-0.558 χ^2/NDF : 21.9/1

Left Out: -30.587+/-0.260 χ^2/NDF :173.5/9

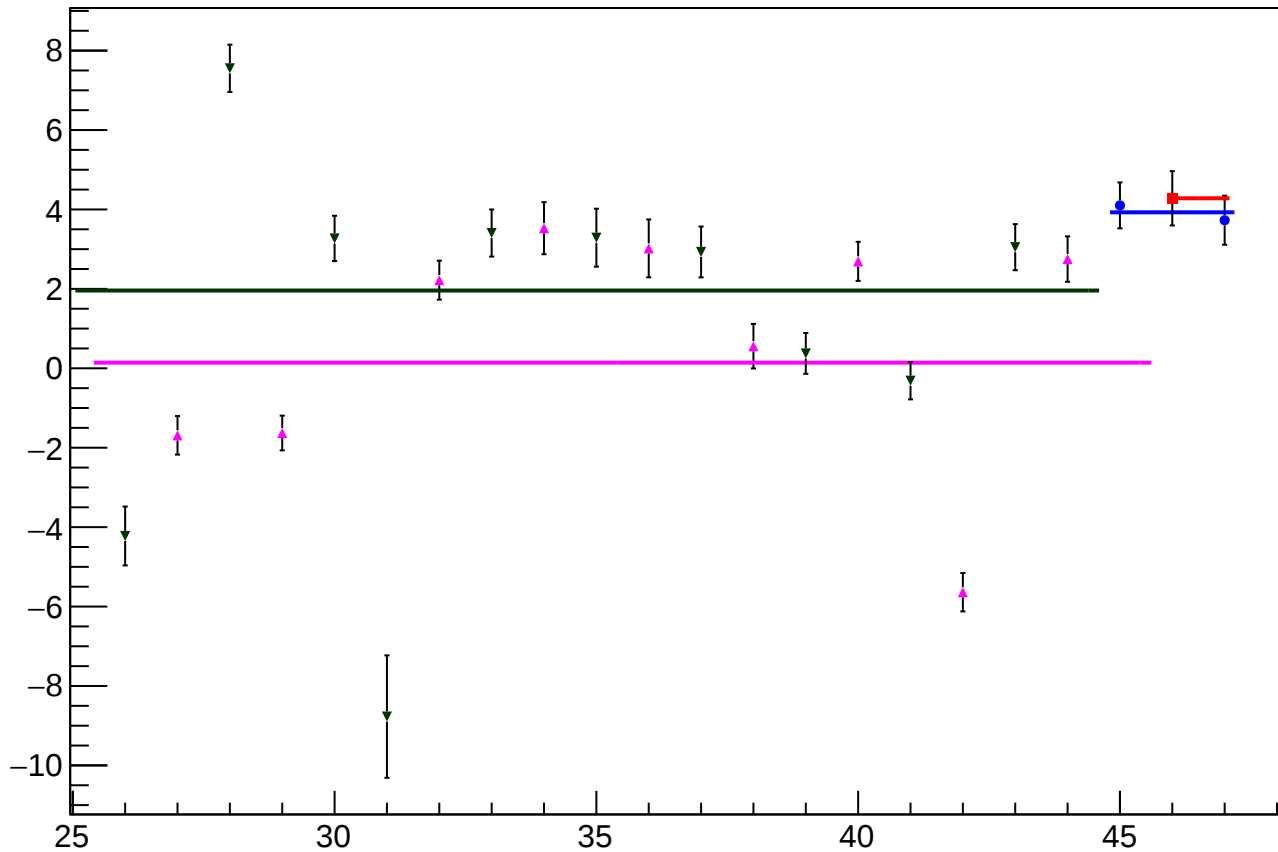
Right Out: -43.176+/-0.930 χ^2/NDF : 0.0/0

Left In: -30.535+/-0.239 χ^2/NDF :159.3/8

-32.416+/-0.236 χ^2/NDF : 472.0/11

-31.315+/-0.231 χ^2/NDF : 332.7/9

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 3.928 ± 0.422 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 1.958 ± 0.194 $\chi^2/\text{NDF}: 259.6/9$

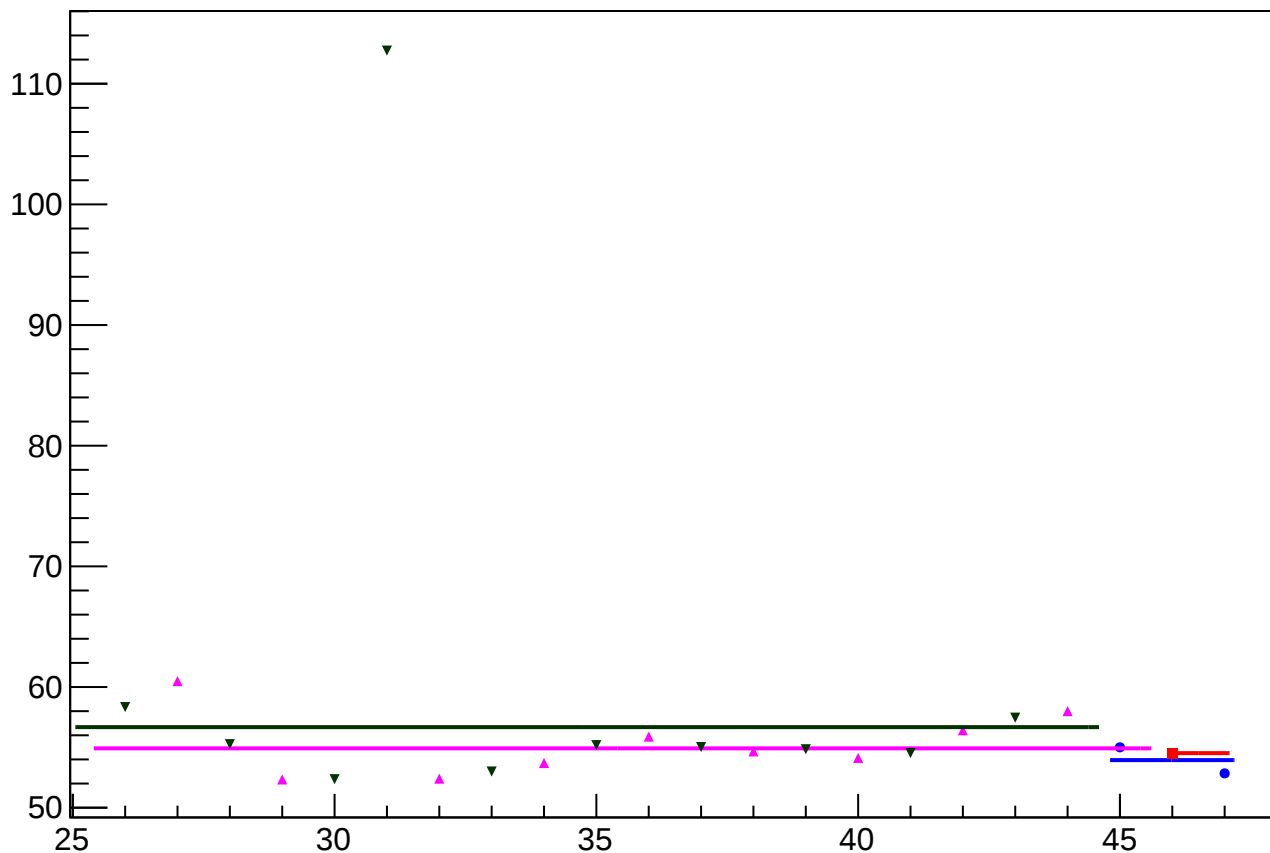
Right Out: 4.281 ± 0.683 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.142 ± 0.175 $\chi^2/\text{NDF}: 282.1/8$

2.302 ± 0.176 $\chi^2/\text{NDF}: 277.7/11$

0.398 ± 0.170 $\chi^2/\text{NDF}: 316.5/9$

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 53.944 ± 0.091 χ^2/NDF : 140.1/1

Left Out: 56.677 ± 0.043 χ^2/NDF : 56330.1/9

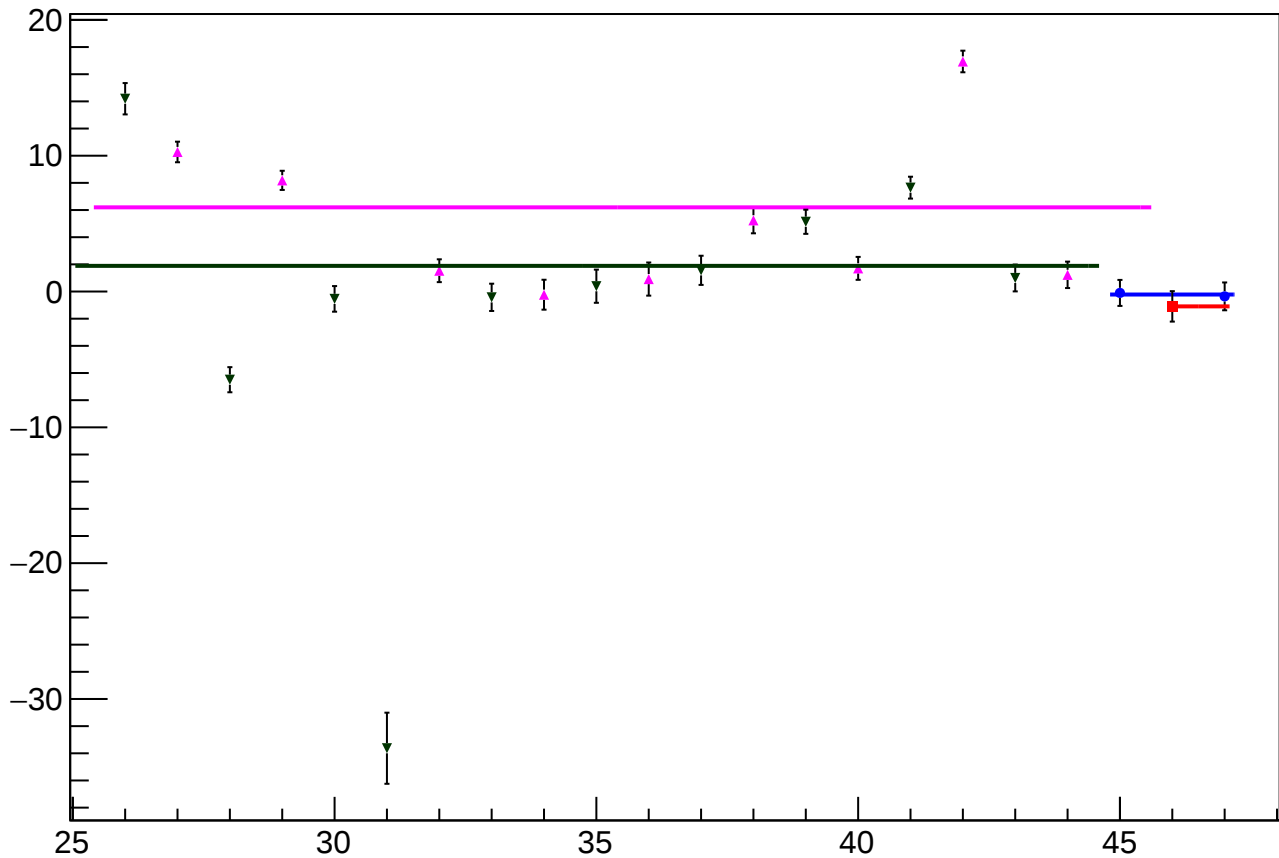
Right Out: 54.522 ± 0.140 χ^2/NDF : 0.0/0

Left In: 54.917 ± 0.041 χ^2/NDF : 3795.7/8

56.177 ± 0.039 χ^2/NDF : 57203.4/11

54.886 ± 0.039 χ^2/NDF : 3803.0/9

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: -0.221 ± 0.699 χ^2/NDF : 0.0/1

Left Out: 1.889 ± 0.324 χ^2/NDF : 458.6/9

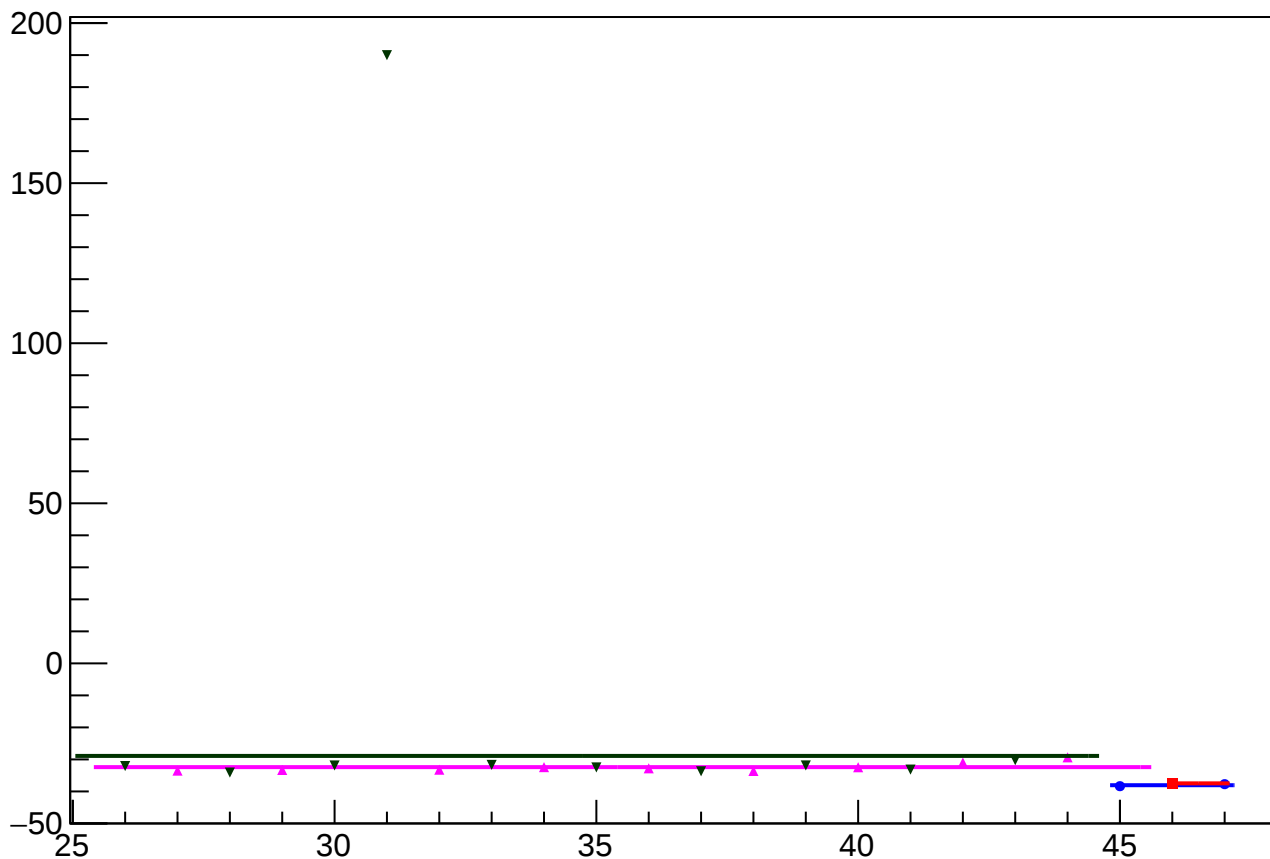
Right Out: -1.094 ± 1.120 χ^2/NDF : 0.0/0

Left In: 6.198 ± 0.291 χ^2/NDF : 358.2/8

1.517 ± 0.294 χ^2/NDF : 466.1/11

5.737 ± 0.282 χ^2/NDF : 397.9/9

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -38.056 ± 0.138 $\chi^2/\text{NDF}: 5.2/1$

Left Out: -28.904 ± 0.059 $\chi^2/\text{NDF}: 220574.6/9$

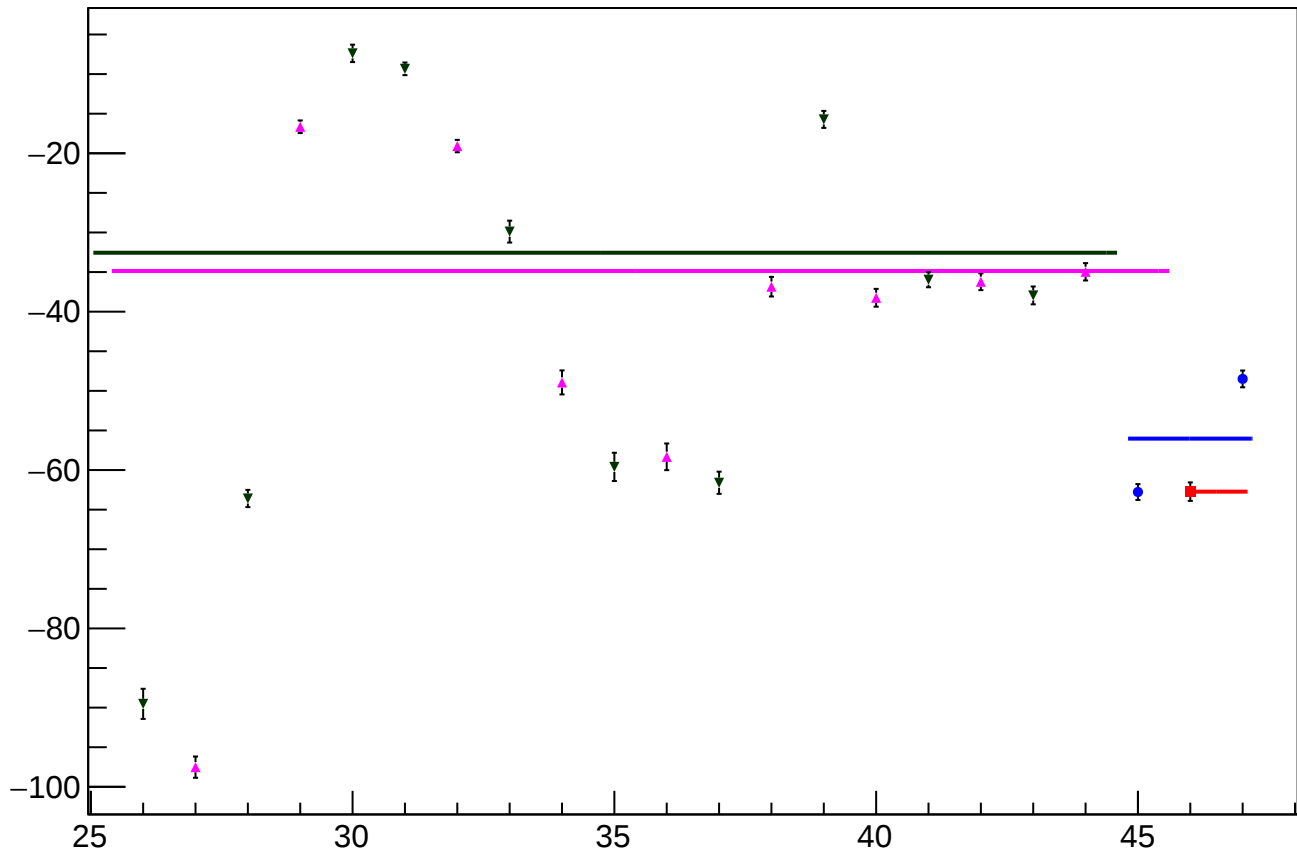
Right Out: -37.476 ± 0.219 $\chi^2/\text{NDF}: 0.0/0$

Left In: -32.407 ± 0.060 $\chi^2/\text{NDF}: 448.7/8$

-30.309 ± 0.054 $\chi^2/\text{NDF}: 224328.0/11$

-32.758 ± 0.058 $\chi^2/\text{NDF}: 946.2/9$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -56.031+/-0.728 χ^2/NDF : 95.9/1

Left Out: -32.557+/-0.362 χ^2/NDF :4020.8/9

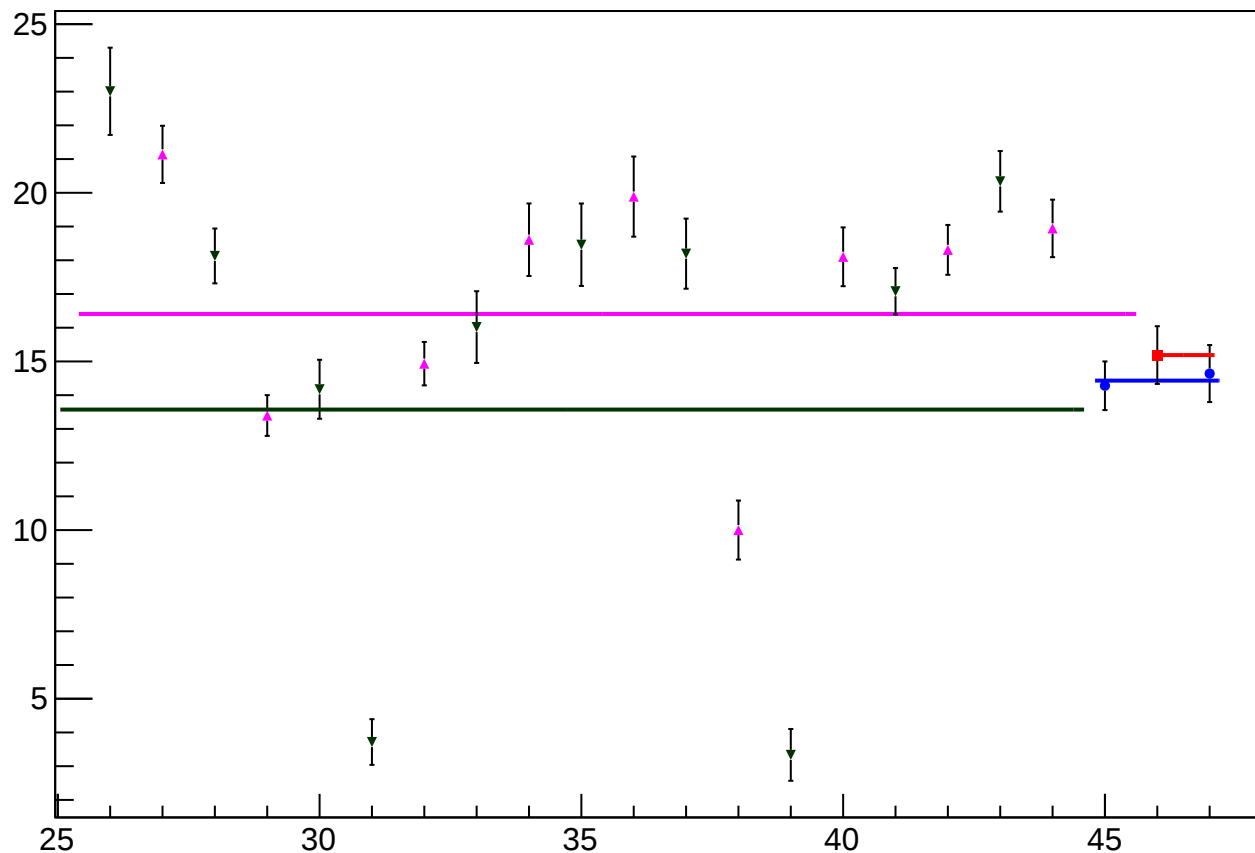
Right Out: -62.727+/-1.166 χ^2/NDF : 0.0/0

Left In: -34.865+/-0.360 χ^2/NDF :3392.2/8

-37.217+/-0.324 χ^2/NDF : 4949.9/11

-37.296+/-0.344 χ^2/NDF : 3913.8/9

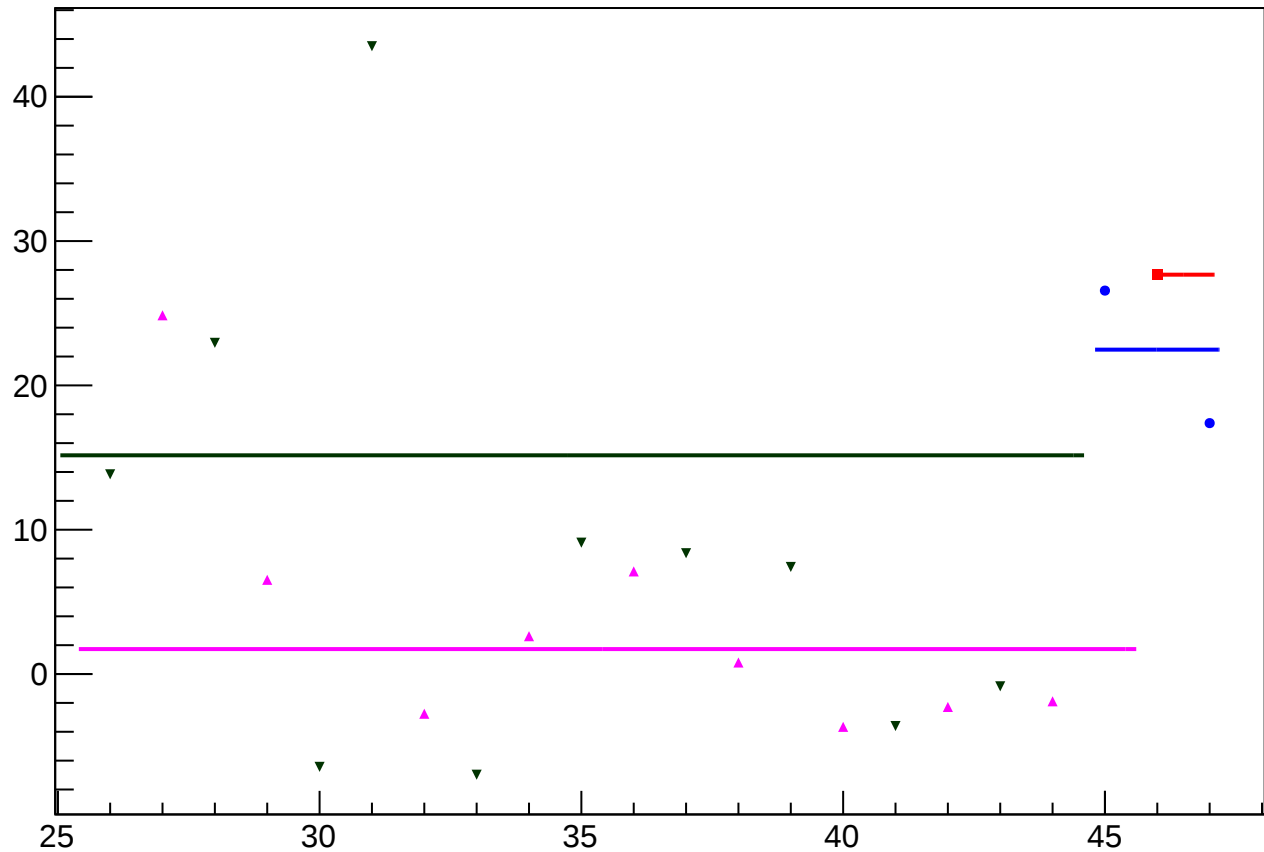
reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 14.432+/-0.549 χ^2/NDF : 0.1/1
 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

13.747+/-0.247 χ^2/NDF : 600.3/11
 16.299+/-0.256 χ^2/NDF : 148.6/9

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 22.477+/-0.119 χ^2/NDF : 1472.8/1

Left Out: 15.156+/-0.057 χ^2/NDF : 119762.0/9

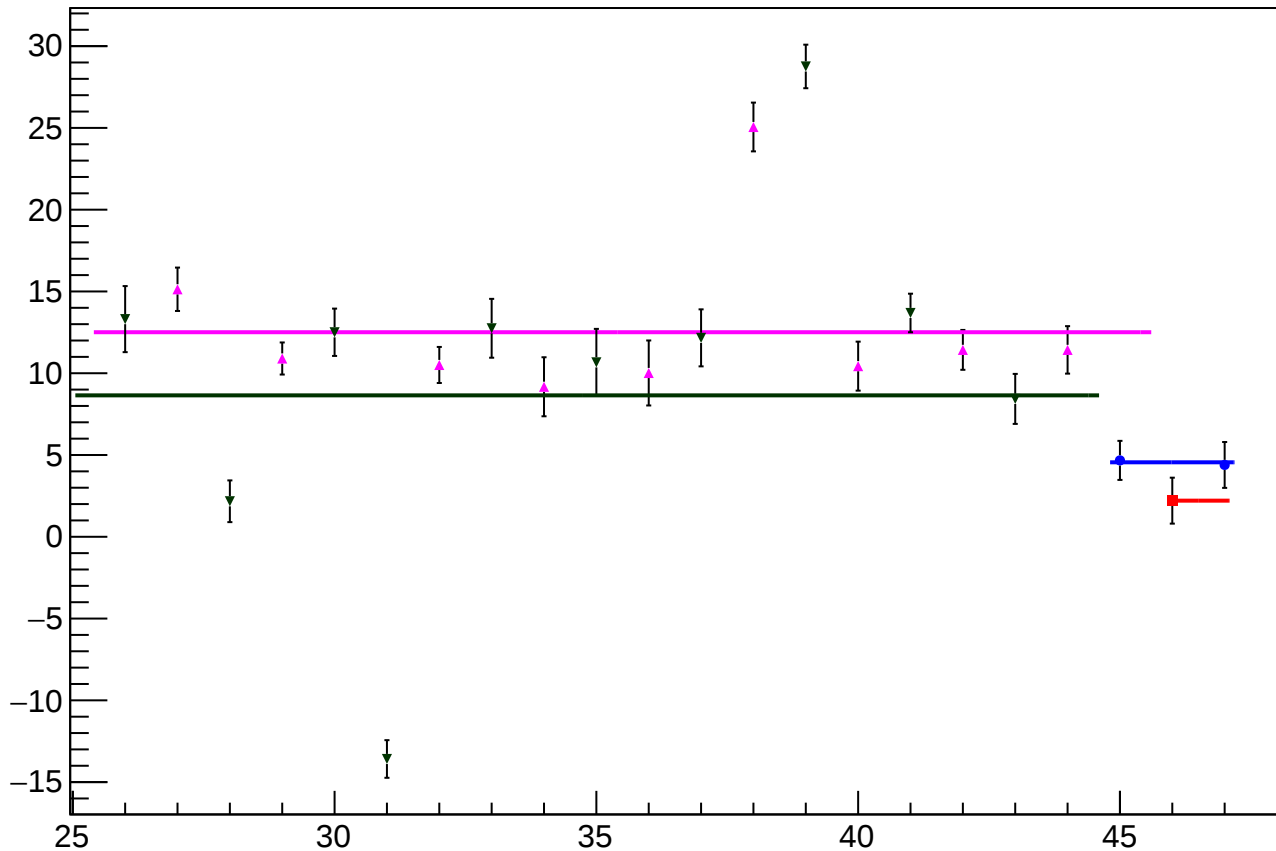
16.532+/-0.052 χ^2/NDF : 124312.6/11

Right Out: 27.672+/-0.175 χ^2/NDF : 0.0/0

4.553+/-0.058 χ^2/NDF : 33325.1/9

Left In: 1.730+/-0.061 χ^2/NDF : 13843.5/8

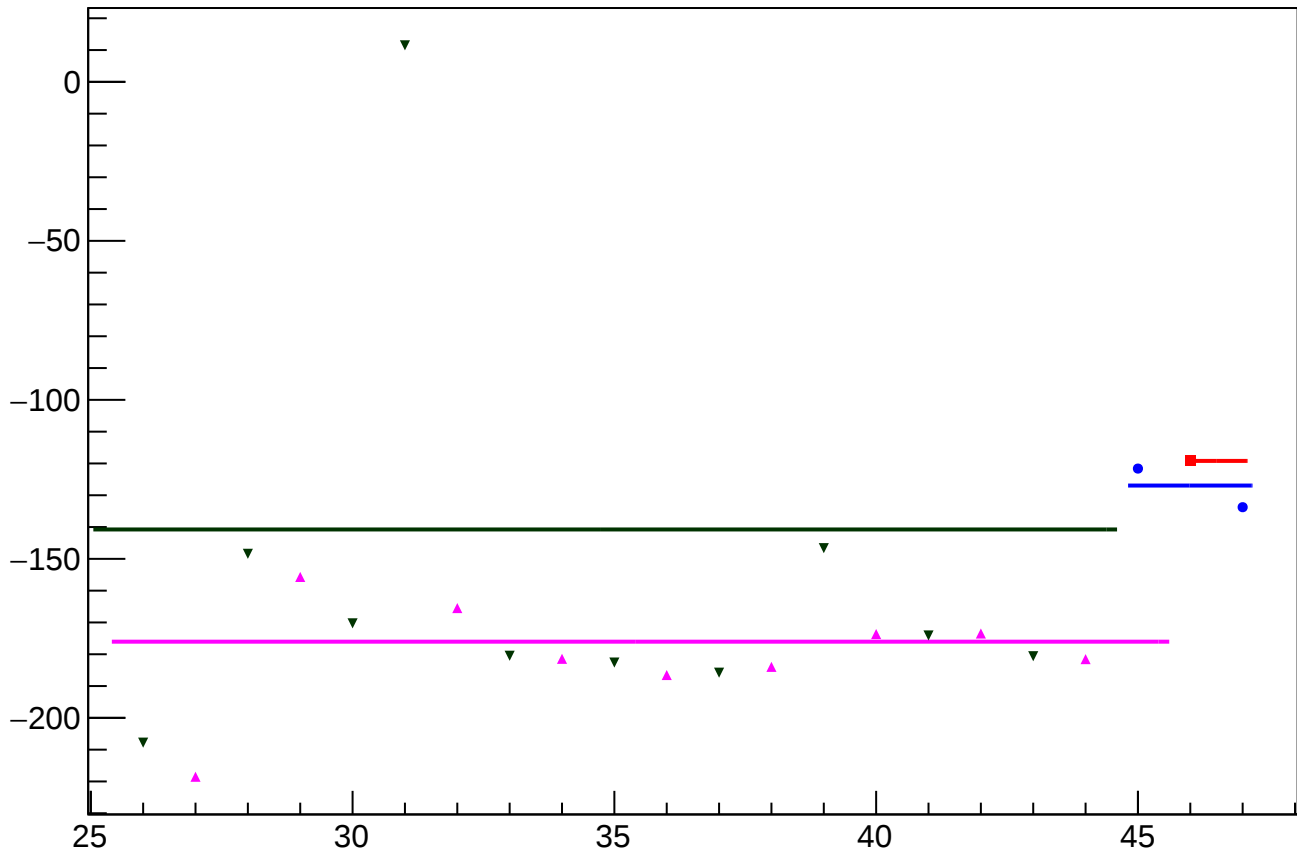
reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 4.554 $\pm$ 0.909 χ^2/NDF : 0.0/1
 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

7.806 $\pm$ 0.412 χ^2/NDF : 684.3/11
 11.566 $\pm$ 0.425 χ^2/NDF : 137.8/9

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -126.949+/-0.179 χ^2/NDF : 1131.3/1

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

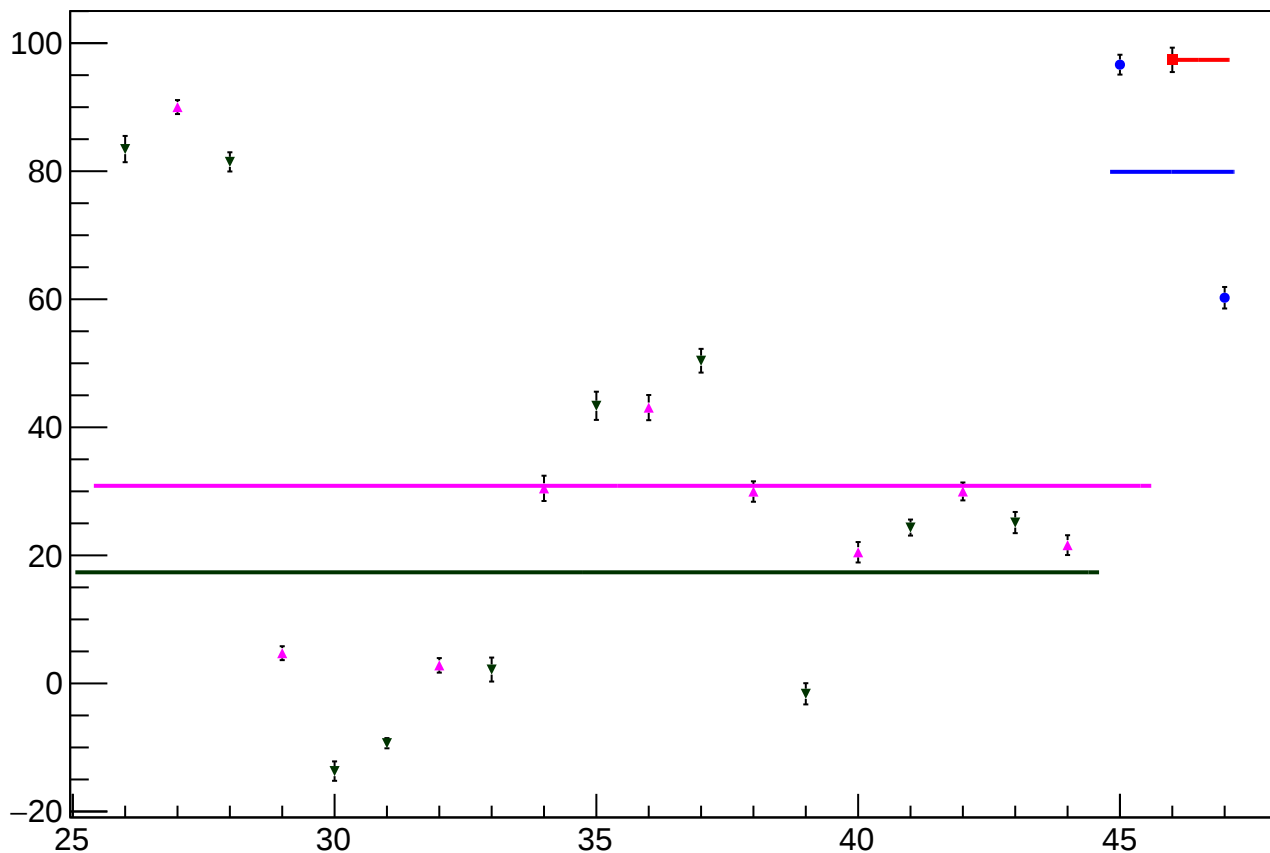
Right Out: -119.200+/-0.275 χ^2/NDF : 0.0/0

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-138.196+/-0.077 χ^2/NDF : 696479.7/11

-170.272+/-0.088 χ^2/NDF : 67454.7/9

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.903+/-1.140 χ^2/NDF : 253.4/1

Left Out: 17.356+/-0.455 χ^2/NDF : 5107.4/9

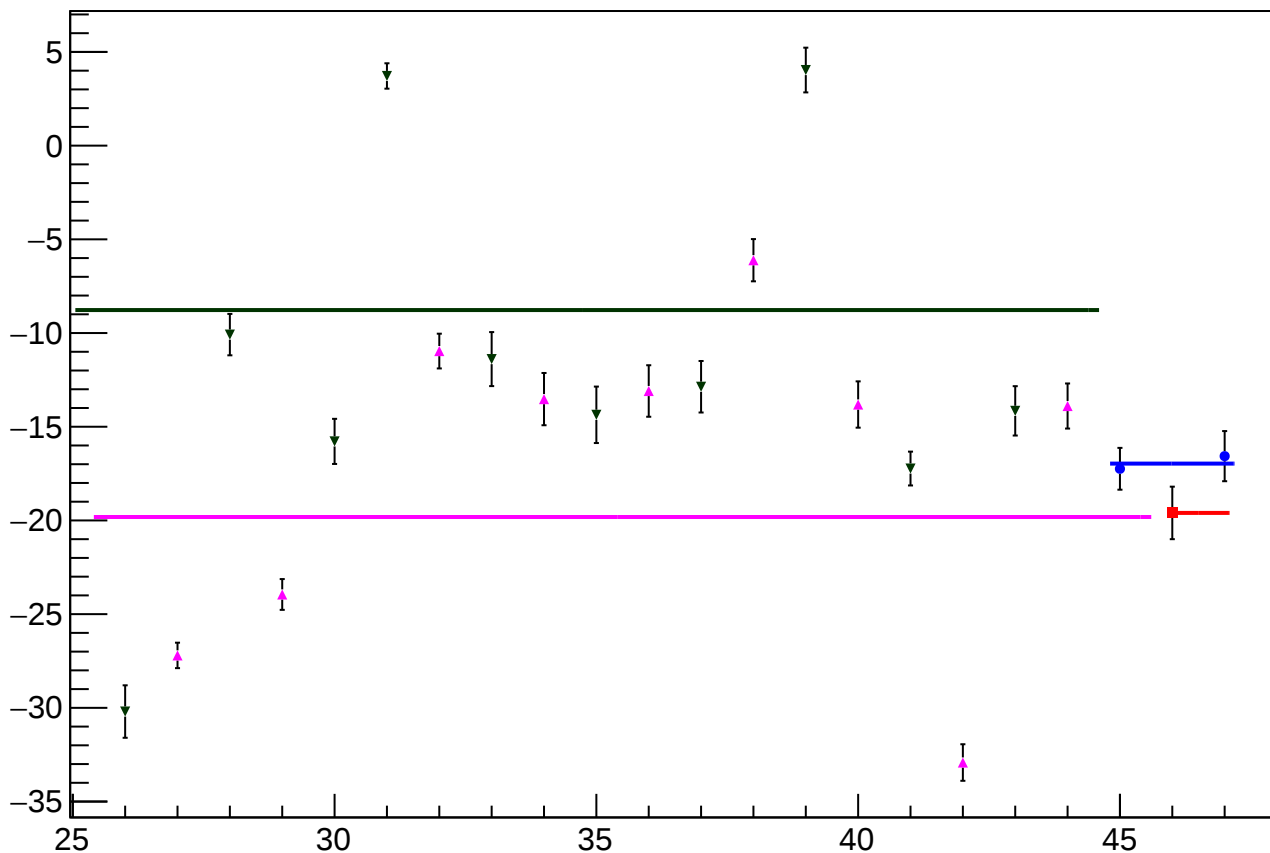
Right Out: 97.390+/-1.905 χ^2/NDF : 0.0/0

Left In: 30.865+/-0.462 χ^2/NDF : 4236.0/8

25.952+/-0.422 χ^2/NDF : 7959.6/11

34.558+/-0.449 χ^2/NDF : 5388.0/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -16.967 ± 0.857 $\chi^2/\text{NDF}: 0.2/1$

Left Out: -8.774 ± 0.350 $\chi^2/\text{NDF}: 855.1/9$

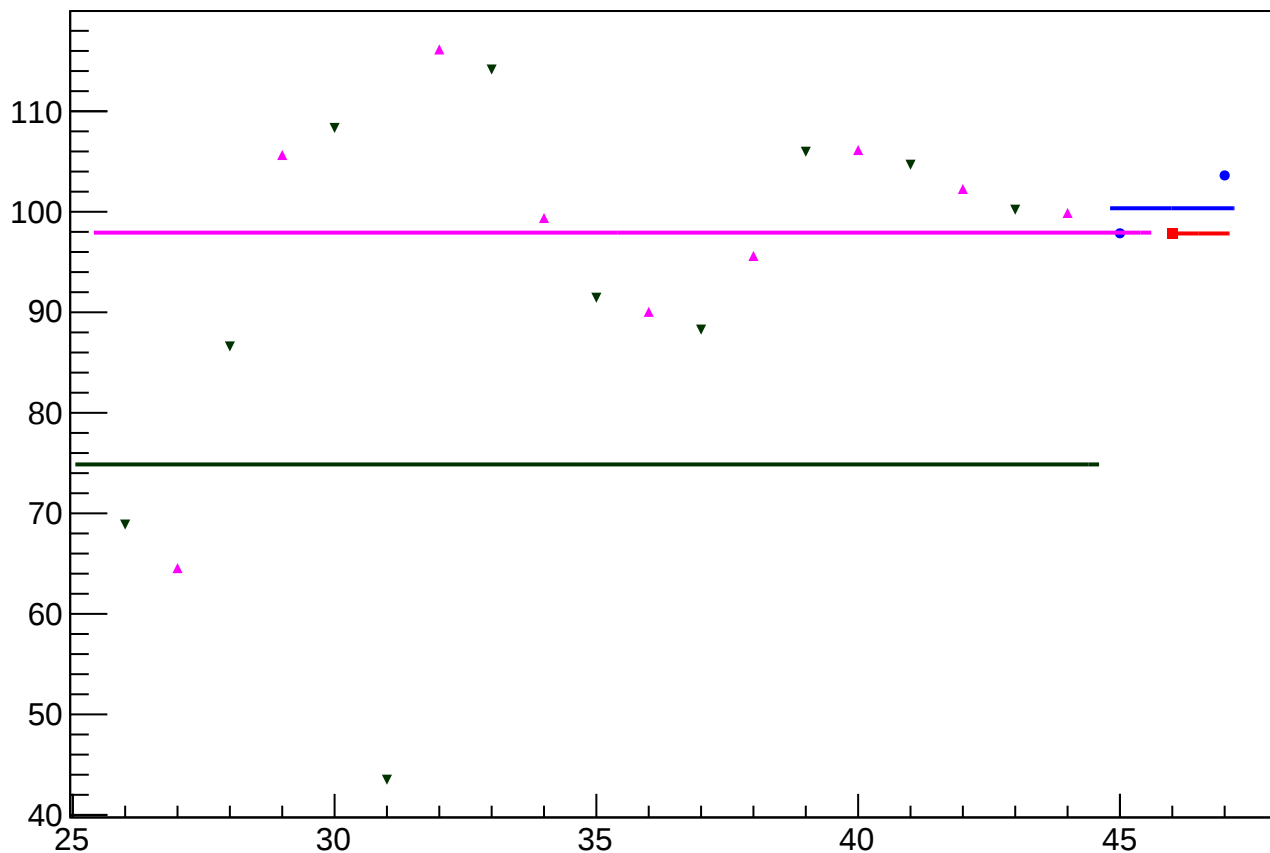
Right Out: -19.599 ± 1.401 $\chi^2/\text{NDF}: 0.0/0$

Left In: -19.816 ± 0.333 $\chi^2/\text{NDF}: 655.3/8$

-9.946 ± 0.324 $\chi^2/\text{NDF}: 933.6/11$

-19.805 ± 0.324 $\chi^2/\text{NDF}: 655.3/9$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 100.351 $\pm$ 0.186 χ^2 /NDF: 236.1/1

Left Out: 74.867 $\pm$ 0.070 χ^2 /NDF:168612.2/9

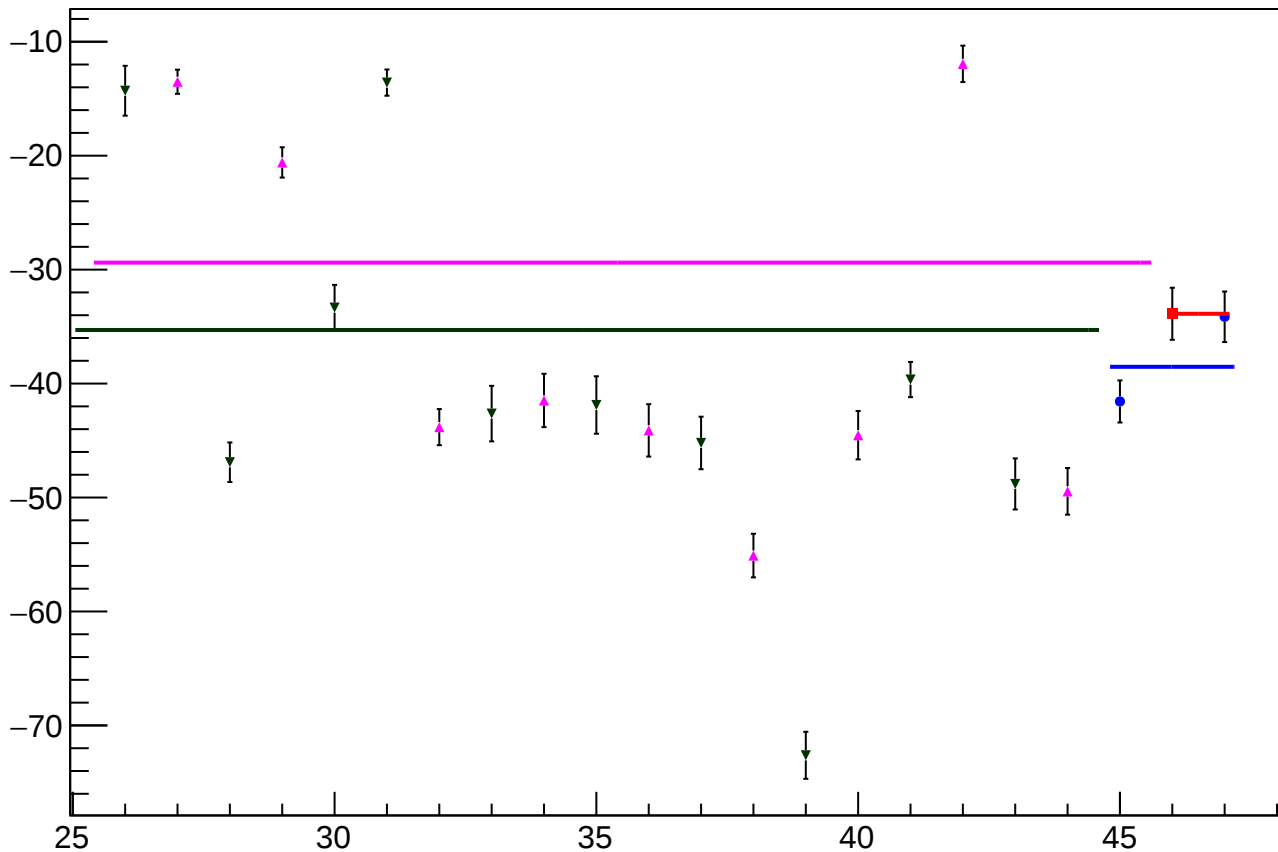
Right Out: 97.843 $\pm$ 0.288 χ^2 /NDF: 0.0/0

Left In: 97.925 $\pm$ 0.079 χ^2 /NDF:43942.4/8

78.028 $\pm$ 0.065 χ^2 /NDF: 185356.8/11

97.919 $\pm$ 0.076 χ^2 /NDF: 43942.4/9

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.528 $\pm$ 1.419 χ^2 /NDF: 6.6/1

Left Out: -35.297 $\pm$ 0.586 χ^2 /NDF:899.8/9

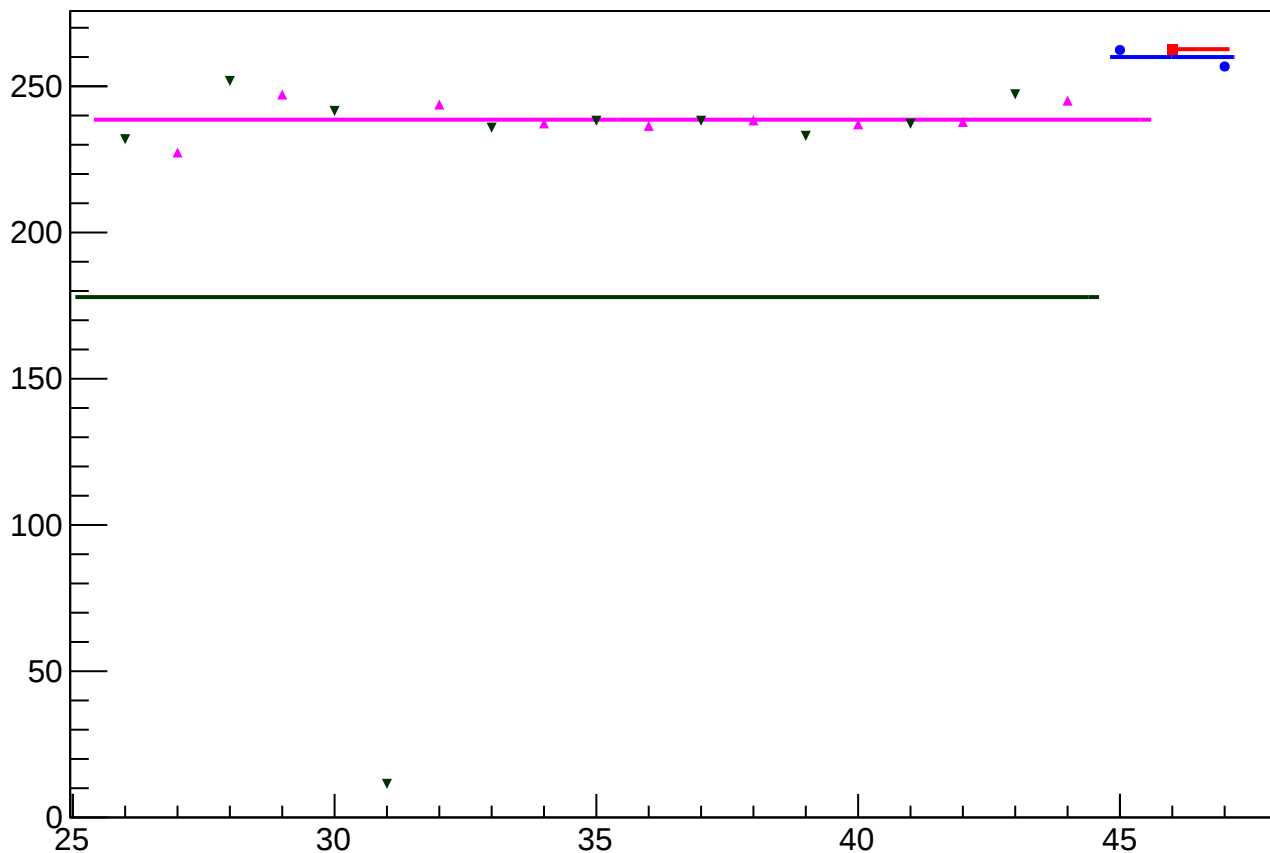
Right Out: -33.874 $\pm$ 2.284 χ^2 /NDF: 0.0/0

Left In: -29.383 $\pm$ 0.546 χ^2 /NDF:865.1/8

-35.767 $\pm$ 0.542 χ^2 /NDF: 910.8/11

-29.626 $\pm$ 0.531 χ^2 /NDF: 868.8/9

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 259.993 $\pm$ 0.279 χ^2 /NDF: 99.4/1

Left Out: 177.919 $\pm$ 0.108 χ^2 /NDF: 891925.7/9

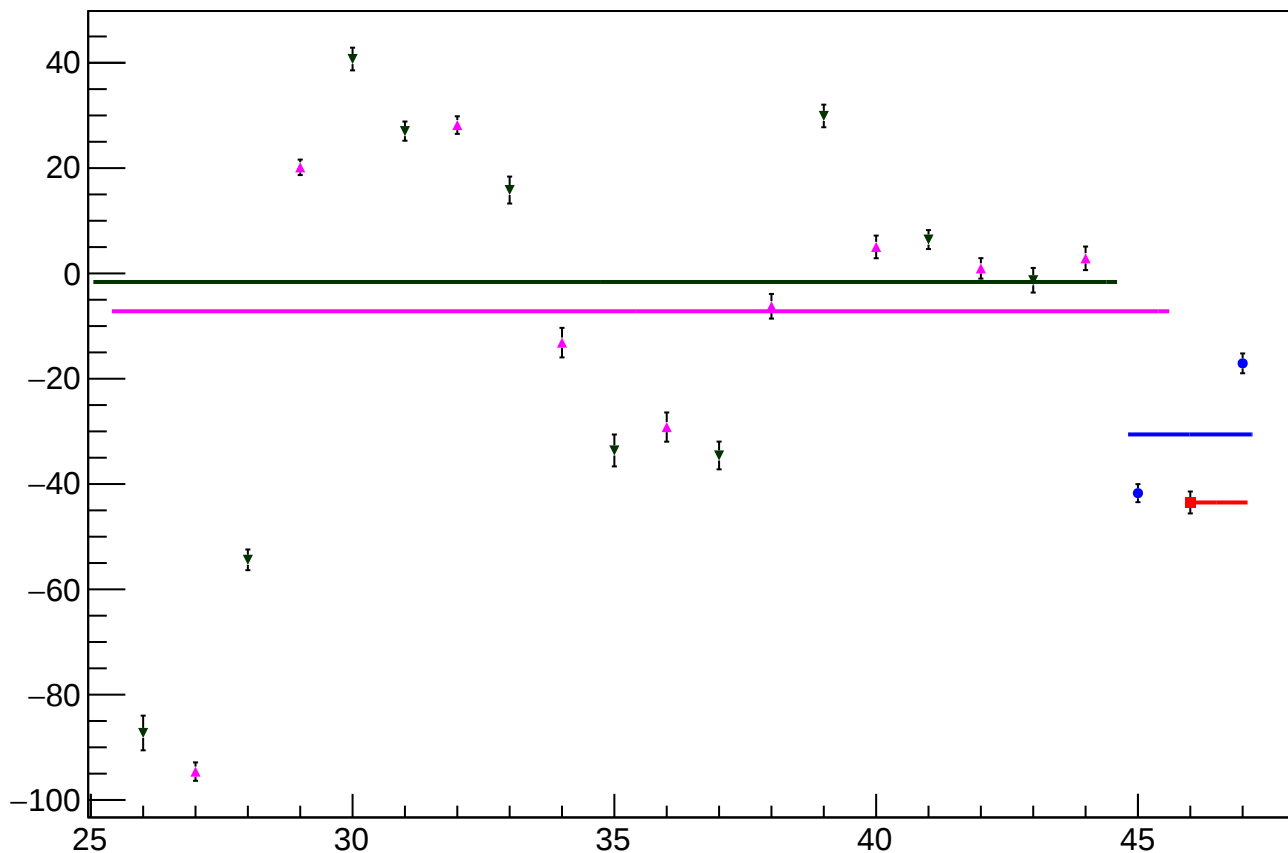
Right Out: 262.689 $\pm$ 0.449 χ^2 /NDF: 0.0/0

Left In: 238.578 $\pm$ 0.118 χ^2 /NDF: 3012.9/8

188.509 $\pm$ 0.100 χ^2 /NDF: 967136.1/11

240.123 $\pm$ 0.114 χ^2 /NDF: 5709.3/9

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -30.579+/-1.265 χ^2/NDF : 94.0/1

Left Out: -1.625+/-0.710 χ^2/NDF : 2580.3/9

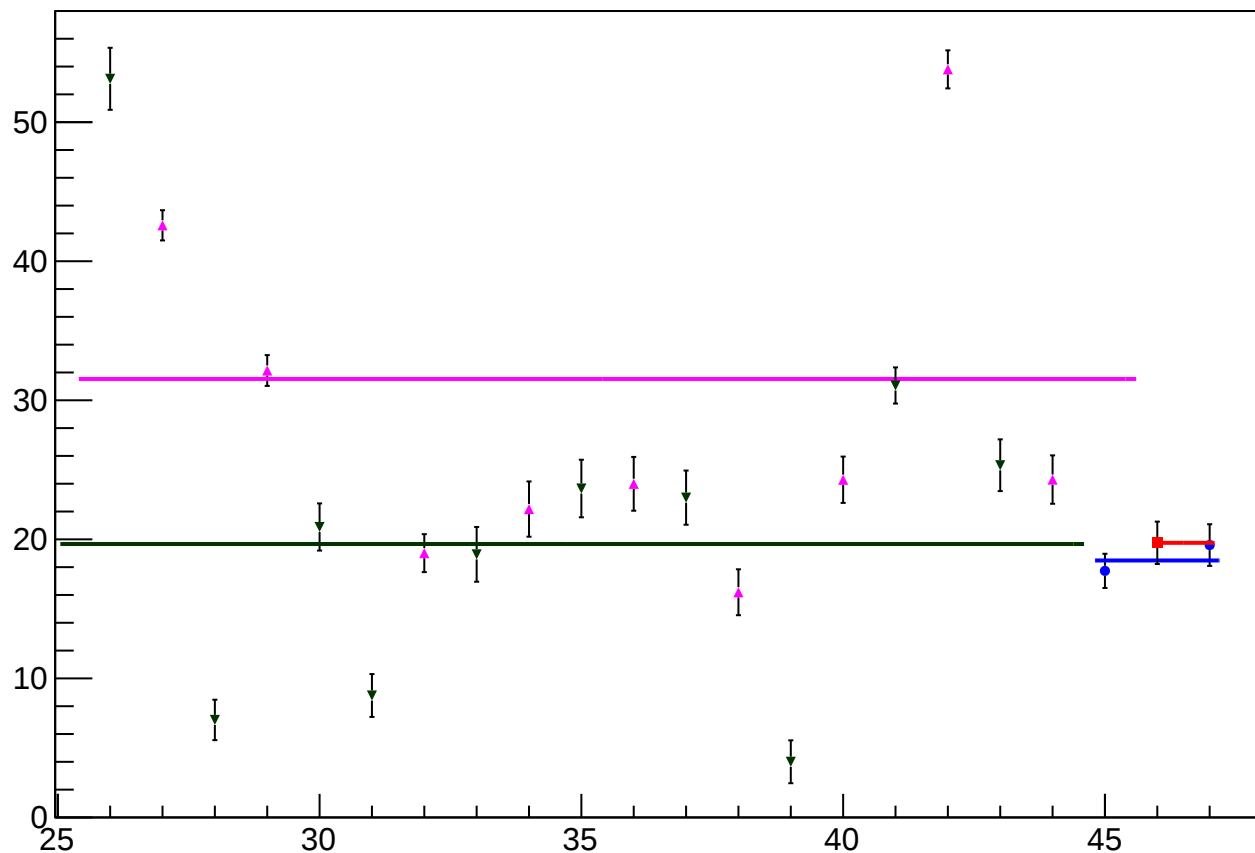
Right Out: -43.501+/-2.079 χ^2/NDF : 0.0/0

Left In: -7.188+/-0.664 χ^2/NDF : 3435.6/8

-8.565+/-0.619 χ^2/NDF : 3072.5/11

-10.550+/-0.632 χ^2/NDF : 3712.5/9

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 18.480 $\pm$ 0.951 χ^2 /NDF: 0.9/1

Left Out: 19.664 $\pm$ 0.535 χ^2 /NDF: 547.2/9

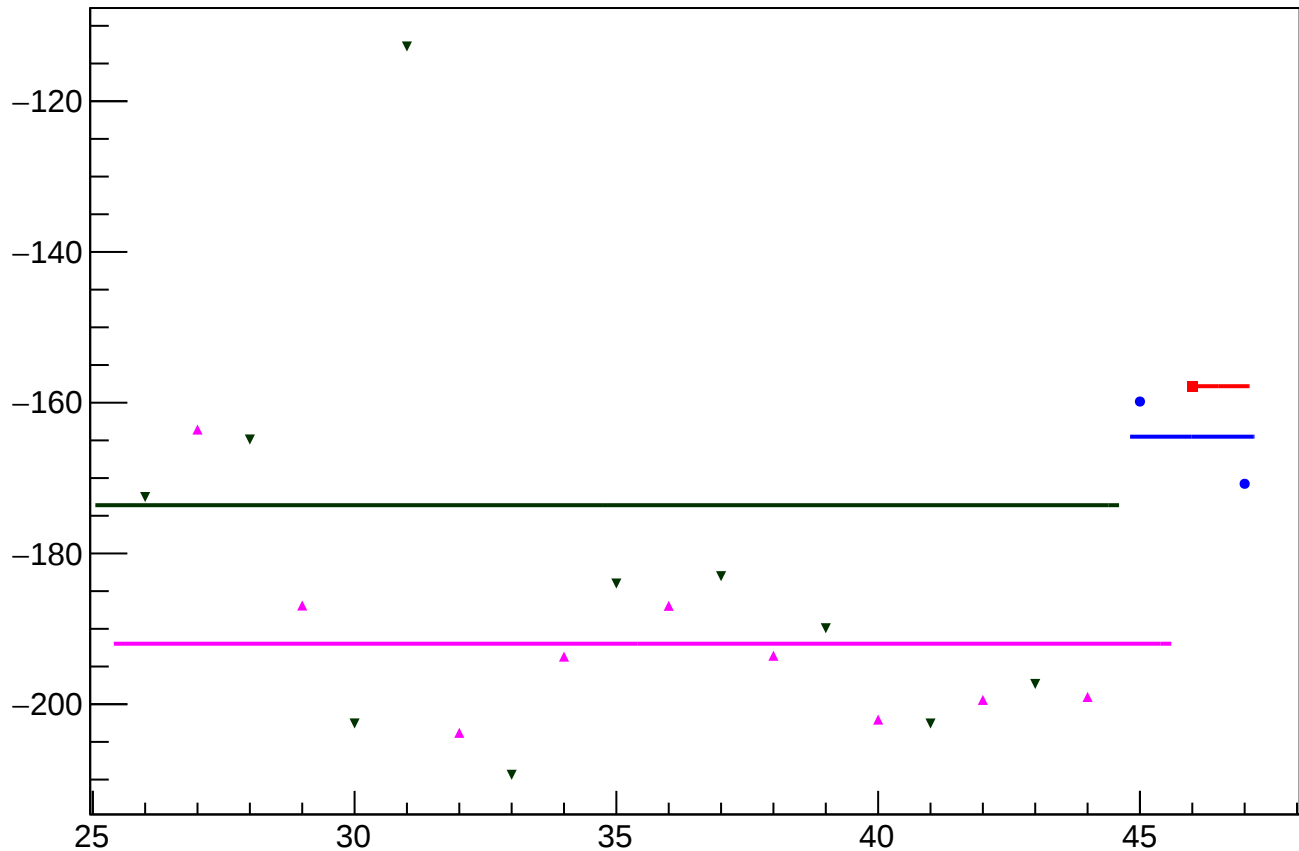
Right Out: 19.750 $\pm$ 1.525 χ^2 /NDF: 0.0/0

Left In: 31.534 $\pm$ 0.481 χ^2 /NDF: 612.9/8

19.380 $\pm$ 0.466 χ^2 /NDF: 549.3/11

30.465 $\pm$ 0.459 χ^2 /NDF: 667.2/9

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -164.508+/-0.207 χ^2/NDF : 682.9/1

Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

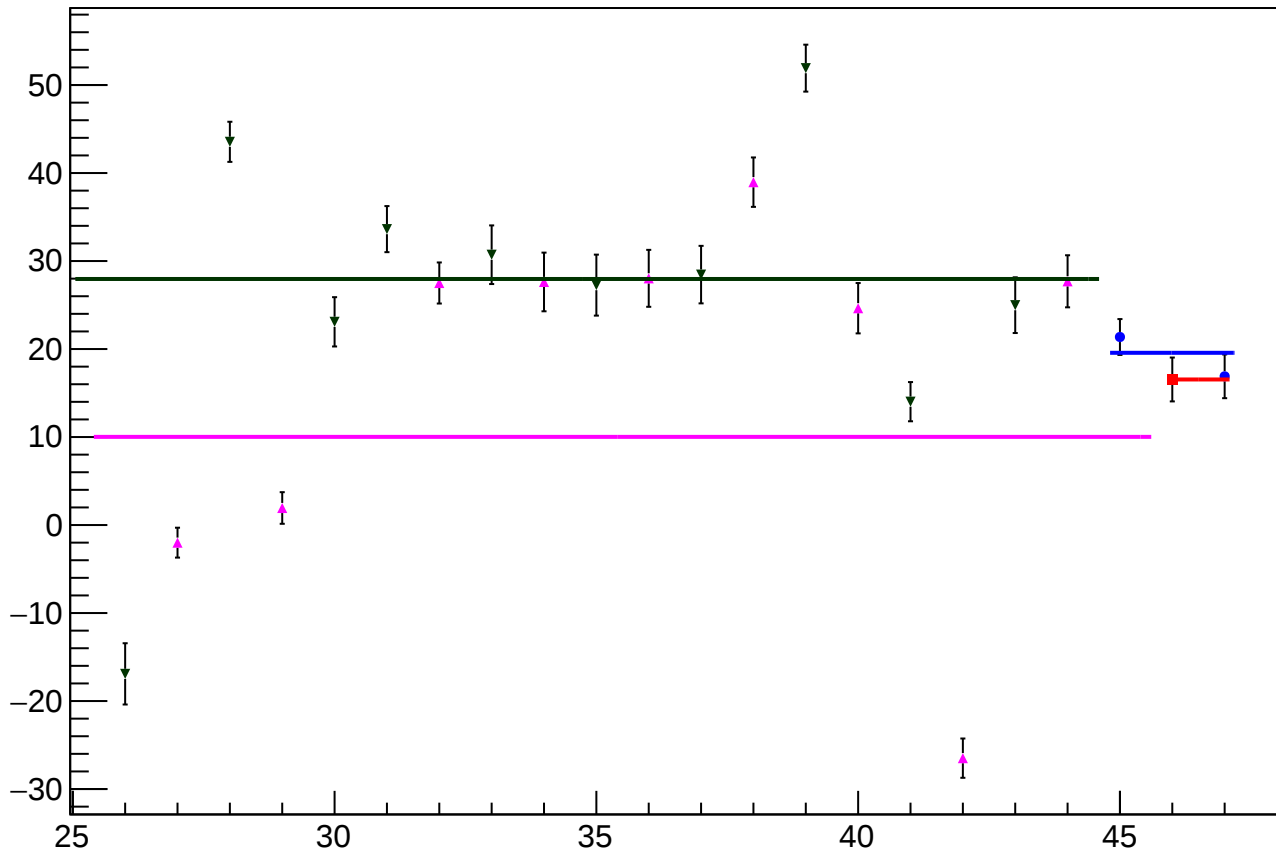
Right Out: -157.811+/-0.314 χ^2/NDF : 0.0/0

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-171.464+/-0.100 χ^2/NDF : 94686.9/11

-187.967+/-0.108 χ^2/NDF : 22834.2/9

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 19.572 $\pm$ 1.575 χ^2 /NDF: 1.9/1

Left Out: 27.961 $\pm$ 0.892 χ^2 /NDF:342.1/9

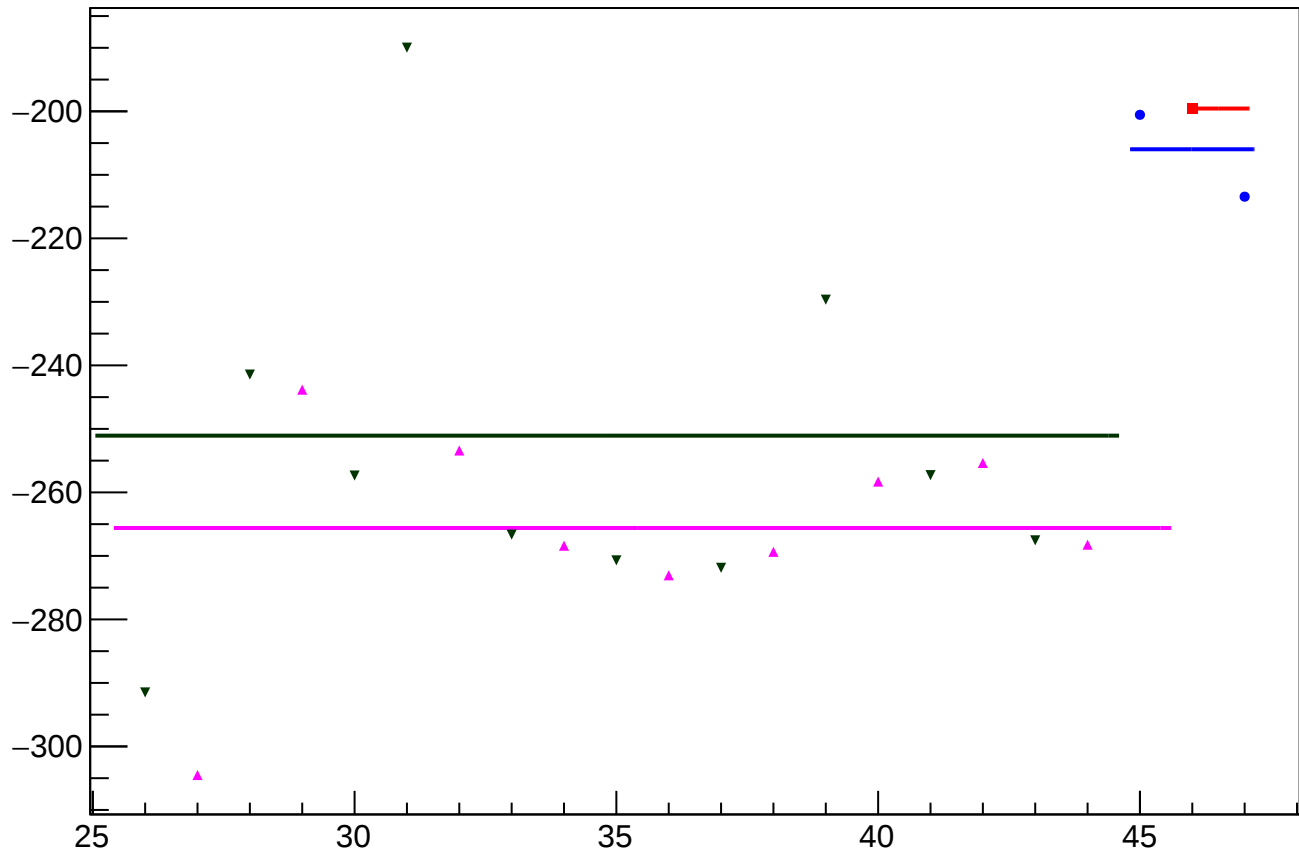
Right Out: 16.541 $\pm$ 2.492 χ^2 /NDF: 0.0/0

Left In: 10.019 $\pm$ 0.793 χ^2 /NDF:620.9/8

25.924 $\pm$ 0.776 χ^2 /NDF: 365.5/11

10.619 $\pm$ 0.756 χ^2 /NDF: 627.1/9

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -205.975+/-0.311 χ^2/NDF : 419.4/1

Left Out: -251.066+/-0.164 χ^2/NDF : 28709.1/9

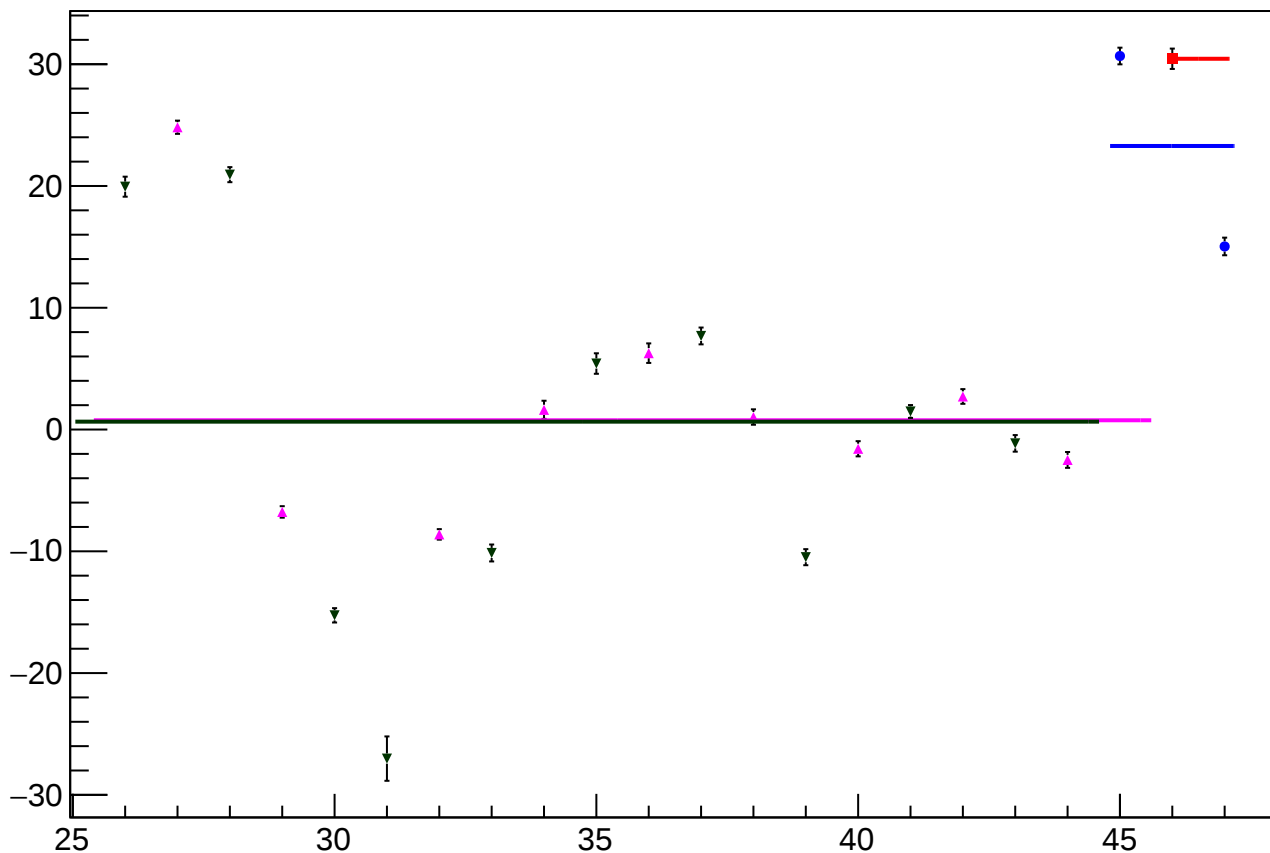
Right Out: -199.560+/-0.490 χ^2/NDF : 0.0/0

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-241.213+/-0.145 χ^2/NDF : 45578.8/11

-258.643+/-0.159 χ^2/NDF : 28433.1/9

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 23.285 ± 0.497 χ^2/NDF : 246.5/1

Left Out: 0.647 ± 0.219 χ^2/NDF : 3257.1/9

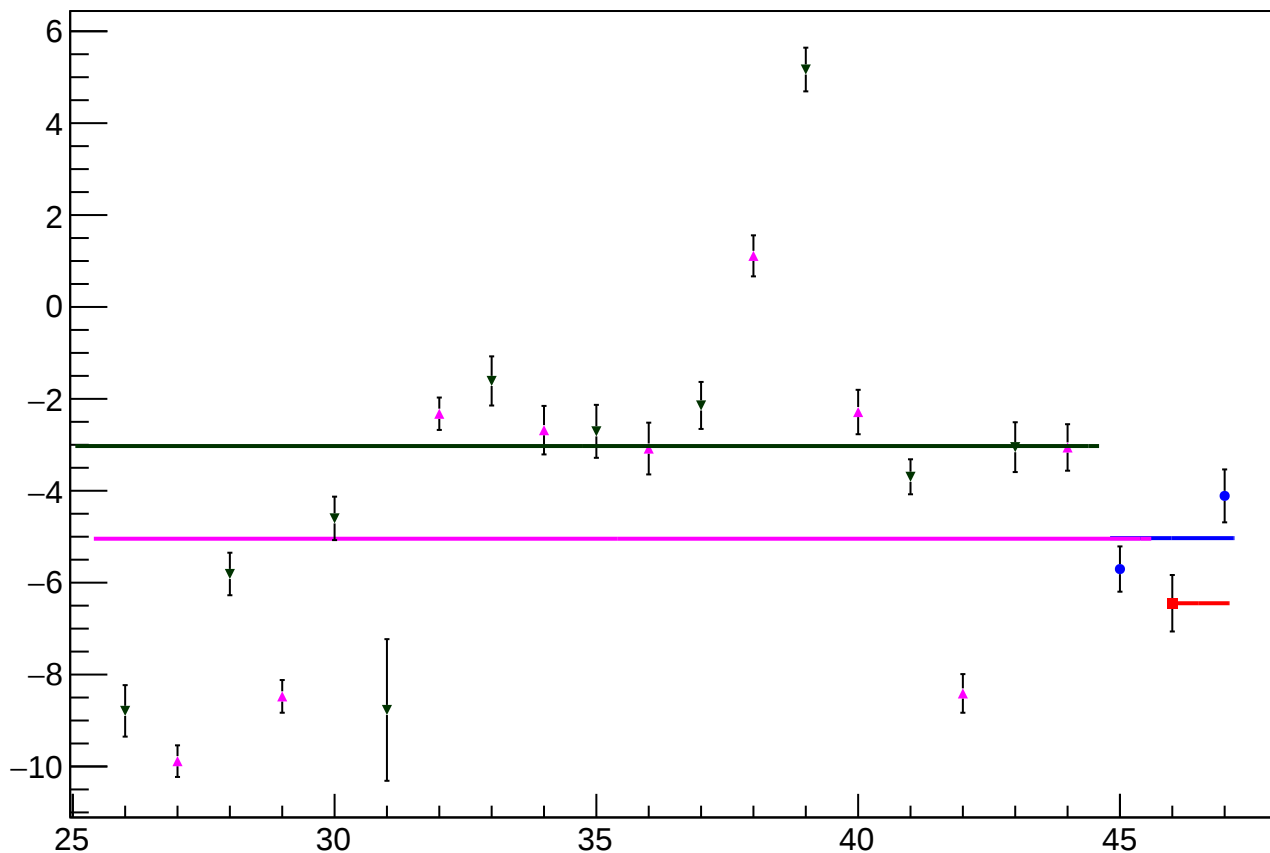
Right Out: 30.447 ± 0.836 χ^2/NDF : 0.0/0

Left In: 0.760 ± 0.193 χ^2/NDF : 2789.0/8

4.318 ± 0.200 χ^2/NDF : 5240.3/11

2.267 ± 0.188 χ^2/NDF : 3986.8/9

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -5.031 ± 0.374 χ^2/NDF : 4.4/1

Left Out: -3.027 ± 0.163 χ^2/NDF : 477.3/9

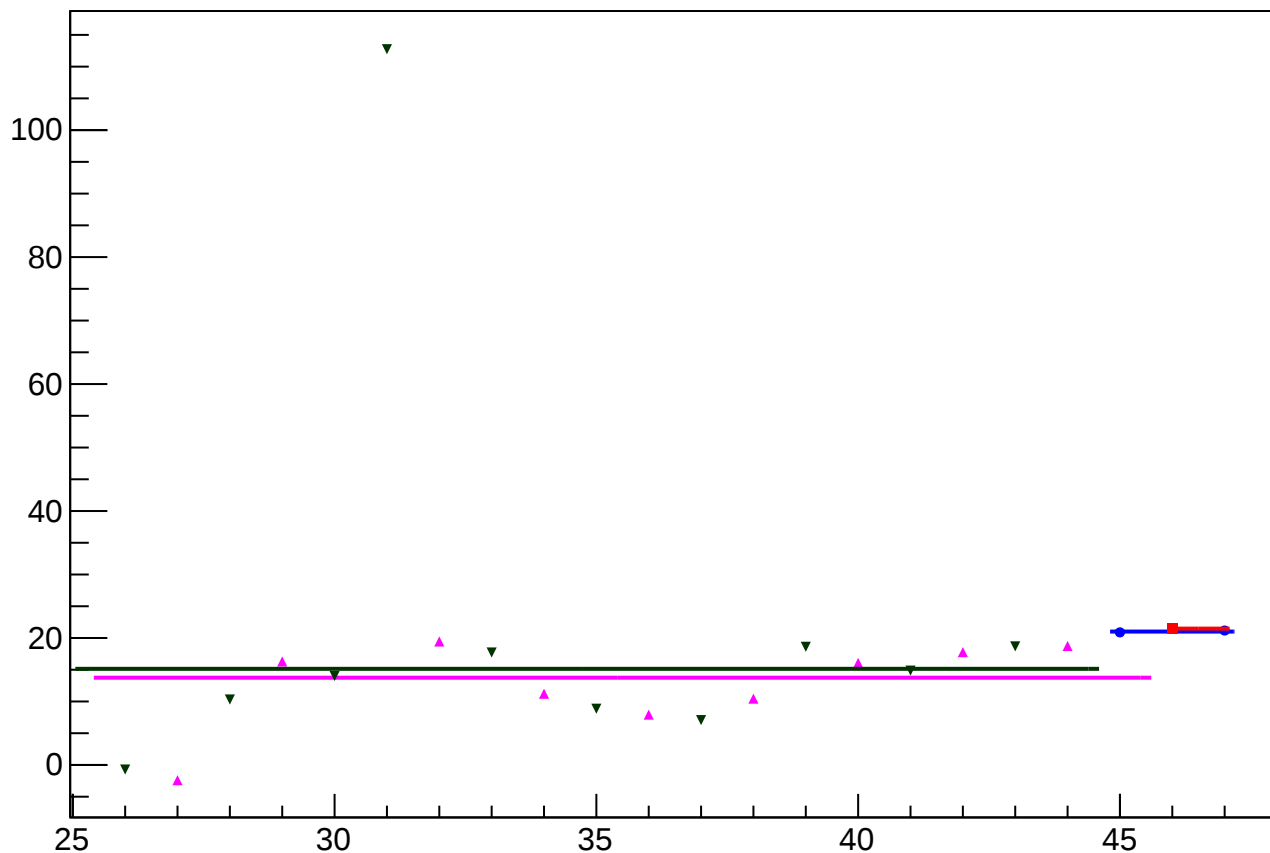
Right Out: -6.448 ± 0.615 χ^2/NDF : 0.0/0

Left In: -5.044 ± 0.141 χ^2/NDF : 684.5/8

-3.345 ± 0.149 χ^2/NDF : 505.8/11

-5.114 ± 0.138 χ^2/NDF : 689.5/9

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: 21.013+/-0.081 χ^2/NDF : 3.1/1

Left Out: 15.143+/-0.036 χ^2/NDF :187125.6/9

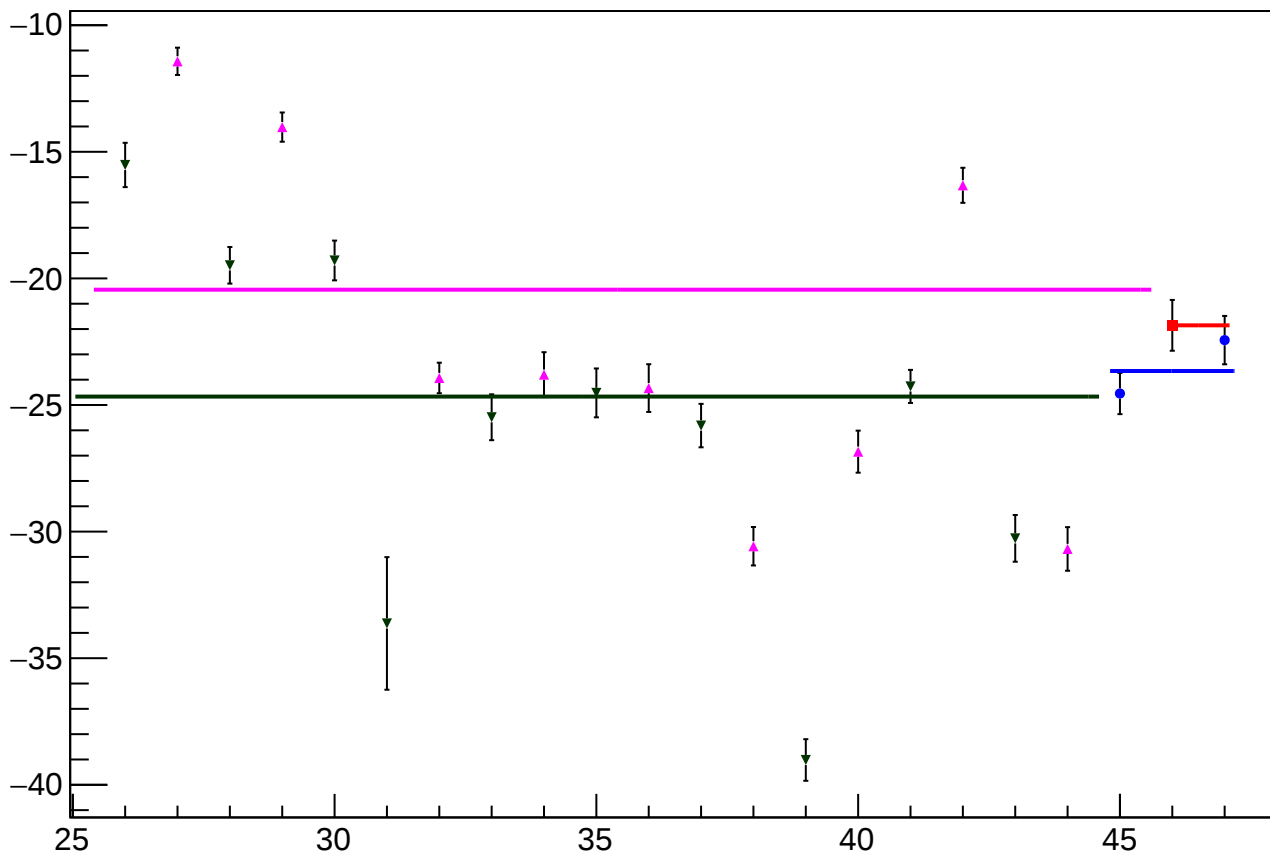
Right Out: 21.475+/-0.126 χ^2/NDF : 0.0/0

Left In: 13.747+/-0.033 χ^2/NDF :44234.1/8

16.115+/-0.033 χ^2/NDF : 191506.6/11

14.234+/-0.032 χ^2/NDF : 47747.0/9

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -23.657 ± 0.620 $\chi^2/\text{NDF}: 2.8/1$

Left Out: -24.667 ± 0.271 $\chi^2/\text{NDF}: 564.2/9$

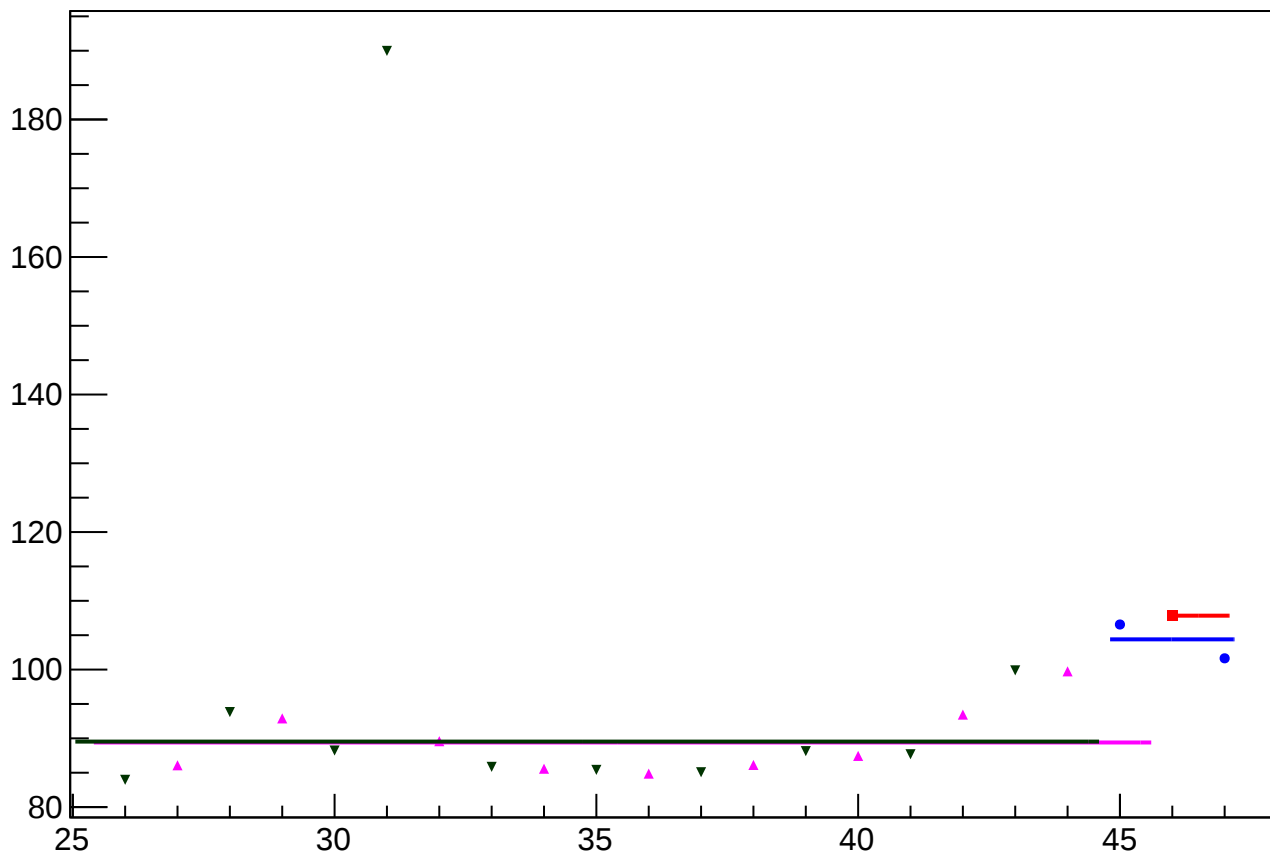
Right Out: -21.854 ± 1.003 $\chi^2/\text{NDF}: 0.0/0$

Left In: -20.446 ± 0.234 $\chi^2/\text{NDF}: 882.7/8$

-24.505 ± 0.248 $\chi^2/\text{NDF}: 569.2/11$

-20.519 ± 0.228 $\chi^2/\text{NDF}: 884.5/9$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 104.396 $\pm$ 0.122 χ^2 /NDF: 399.9/1

Left Out: 89.526 $\pm$ 0.049 χ^2 /NDF: 54366.7/9

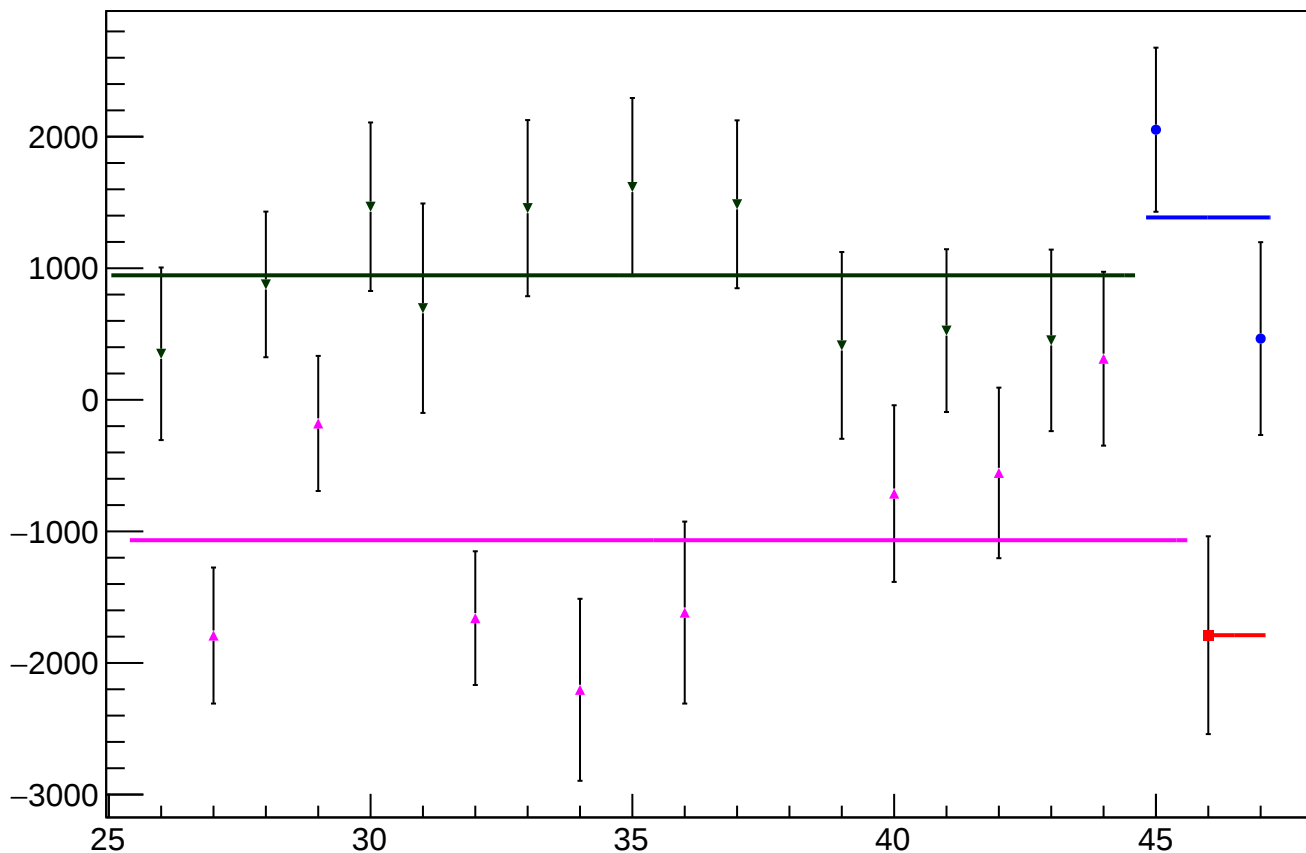
Right Out: 107.839 $\pm$ 0.197 χ^2 /NDF: 0.0/0

Left In: 89.397 $\pm$ 0.049 χ^2 /NDF: 7802.3/8

91.625 $\pm$ 0.046 χ^2 /NDF: 67516.0/11

90.469 $\pm$ 0.048 χ^2 /NDF: 16048.6/9

reg_asym_atl1_mean vs slug



Right In: 1386.209 $\pm$ 474.912 χ^2/NDF : 2.7/1

Left Out: 946.354 $\pm$ 207.711 χ^2/NDF : 5.4/9

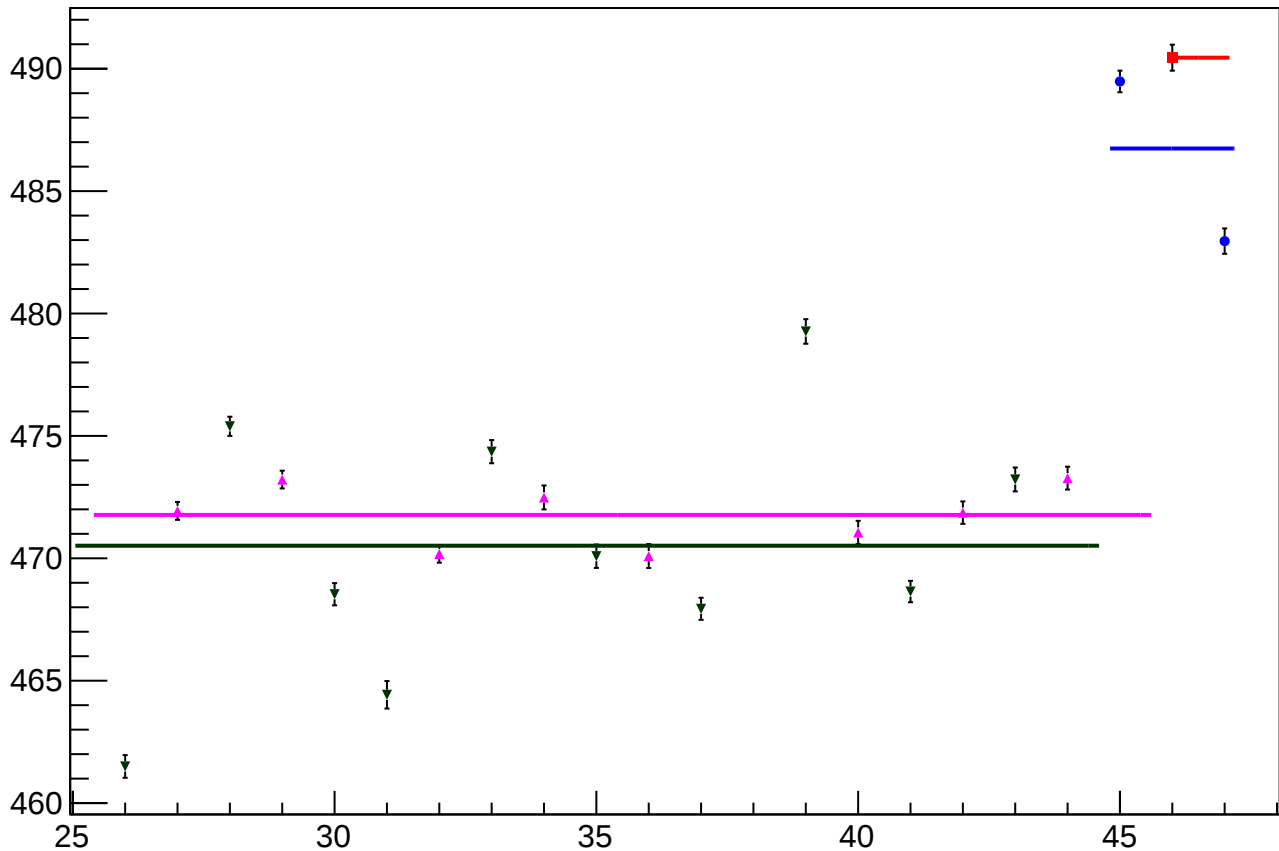
Right Out: -1788.909 $\pm$ 751.697 χ^2/NDF : 0.0/0

Left In: -1066.964 $\pm$ 210.912 χ^2/NDF : 14.9/7

1016.984 $\pm$ 190.306 χ^2/NDF : 8.9/11

-1119.652 $\pm$ 203.070 χ^2/NDF : 15.8/8

reg_asym_atl1_rms vs slug



Right In: 486.741 $\pm$ 0.336 χ^2 /NDF: 91.9/1

Left Out: 470.514 $\pm$ 0.147 χ^2 /NDF: 1122.3/9

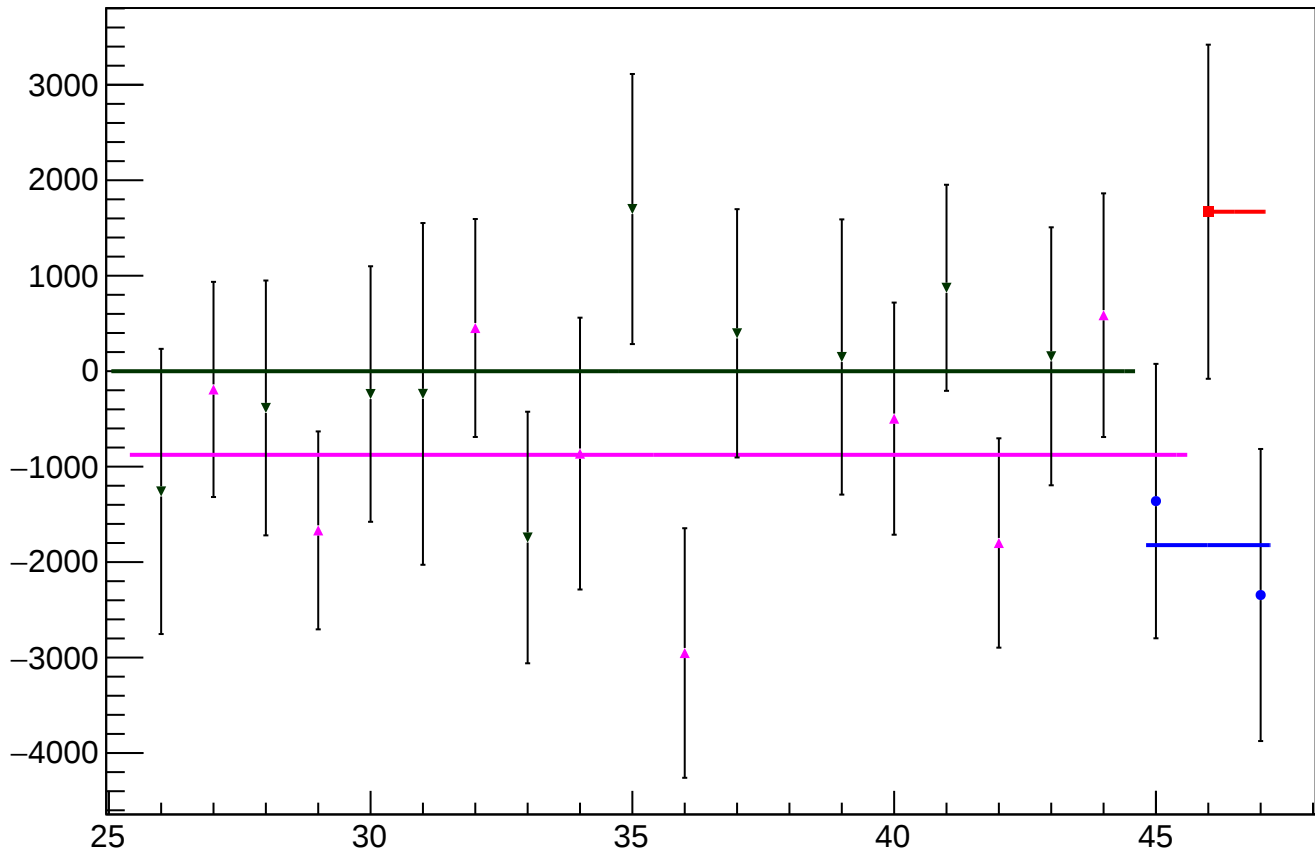
473.120 $\pm$ 0.135 χ^2 /NDF: 3174.2/11

Right Out: 490.451 $\pm$ 0.532 χ^2 /NDF: 0.0/0

473.135 $\pm$ 0.144 χ^2 /NDF: 1207.1/8

Left In: 471.772 $\pm$ 0.149 χ^2 /NDF: 62.3/7

asym_atl1_correction_mean vs slug



Right In: -1822.163+/-1047.497 χ^2/NDF : 0.2/1

Left Out: -0.504+/-428.990 χ^2/NDF : 4.8/9

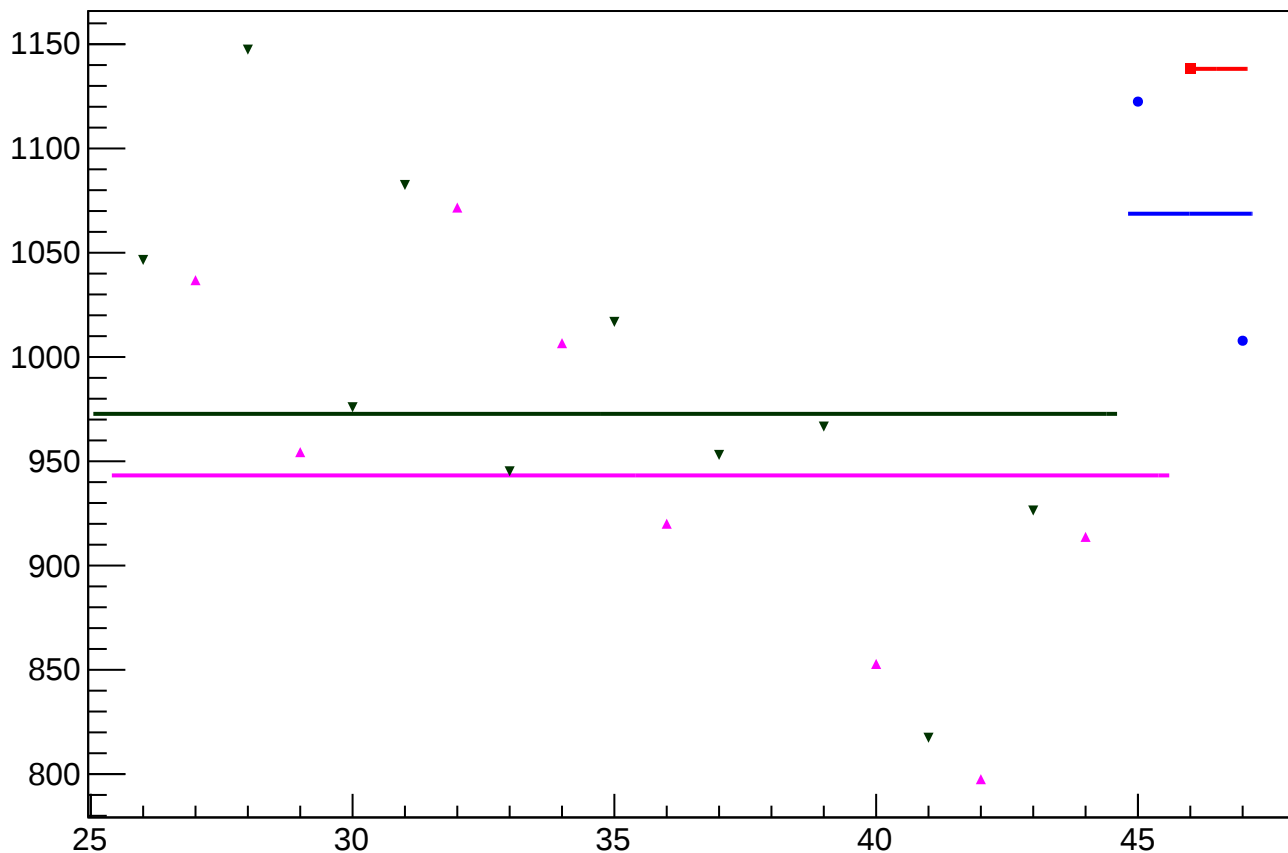
-262.152+/-396.988 χ^2/NDF : 7.6/11

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: 1068.713 ± 0.741 χ^2/NDF : 5968.3/1

Left Out: 972.740 ± 0.303 χ^2/NDF : 93722.9/9

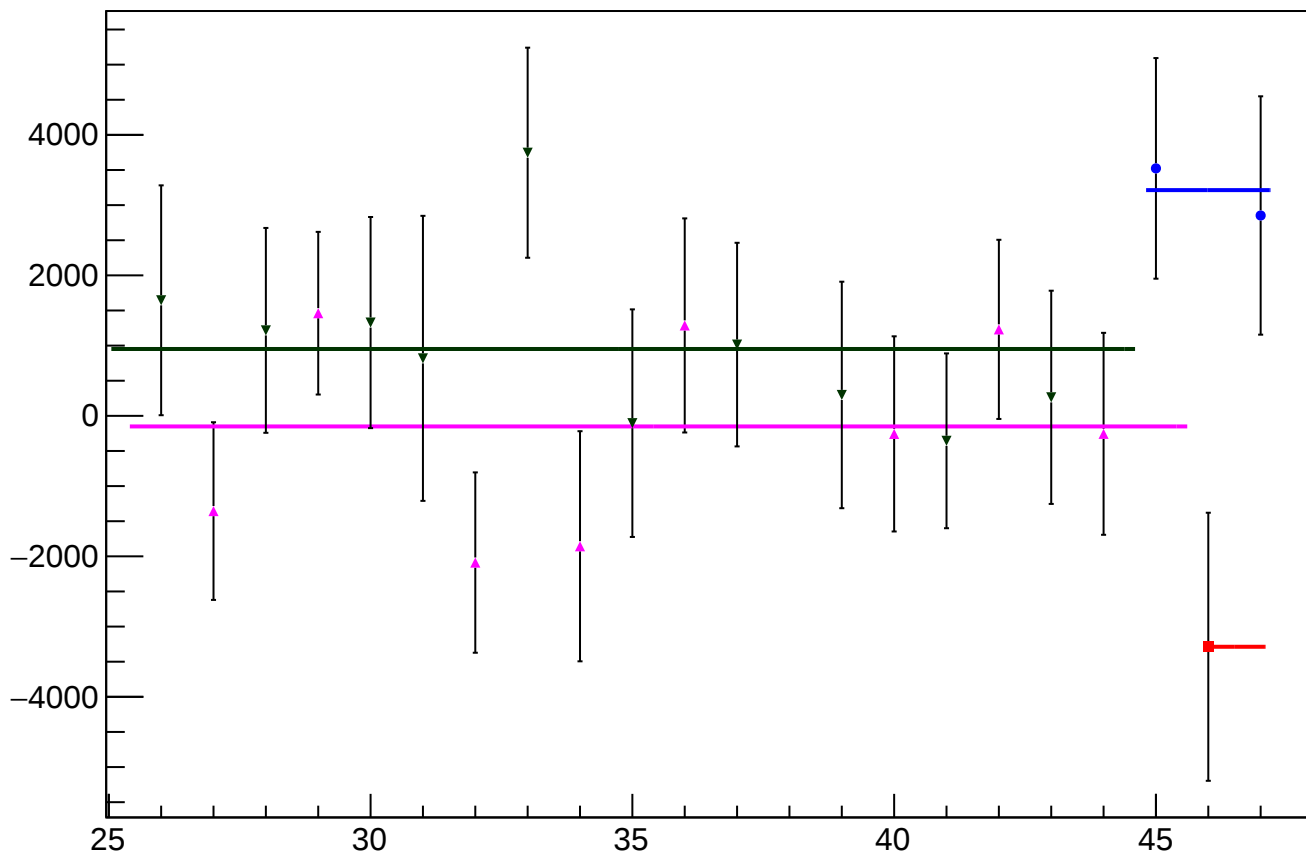
Right Out: 1138.181 ± 1.237 χ^2/NDF : 0.0/0

Left In: 943.222 ± 0.297 χ^2/NDF : 91364.0/7

986.525 ± 0.281 χ^2/NDF : 114068.6/11

953.811 ± 0.288 χ^2/NDF : 114837.6/8

asym_atl1_mean vs slug



Right In: 3213.670+/-1152.566 χ^2/NDF : 0.1/1

Left Out: 951.884+/-482.337 χ^2/NDF : 5.7/9

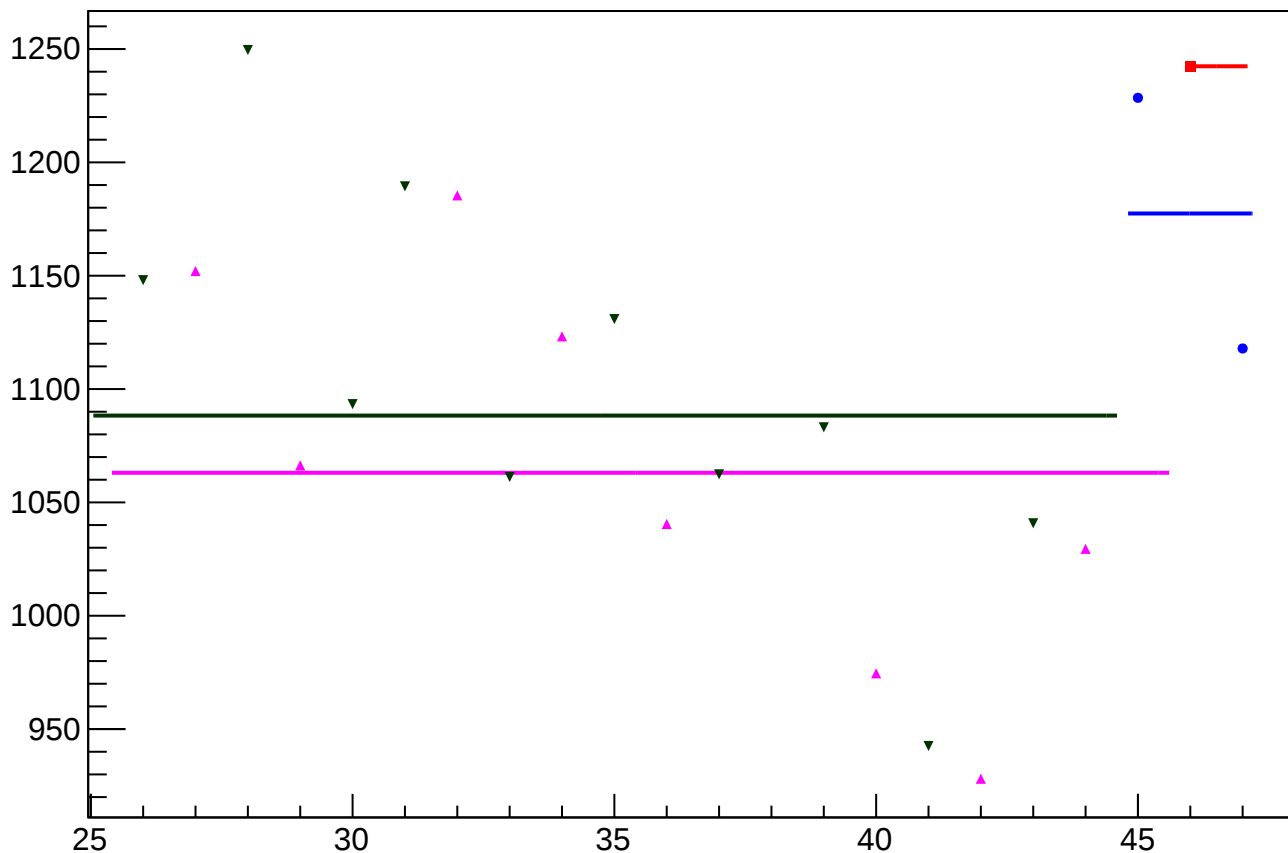
Right Out: -3287.418+/-1908.136 χ^2/NDF : 0.0/0

Left In: -150.701+/-476.838 χ^2/NDF : 8.3/7

1288.965+/-444.946 χ^2/NDF : 9.0/11

-335.071+/-462.612 χ^2/NDF : 10.8/8

asym_atl1_rms vs slug



Right In: 1177.447 ± 0.815 χ^2/NDF : 4574.4/1

Left Out: 1088.294 ± 0.341 χ^2/NDF : 64214.9/9

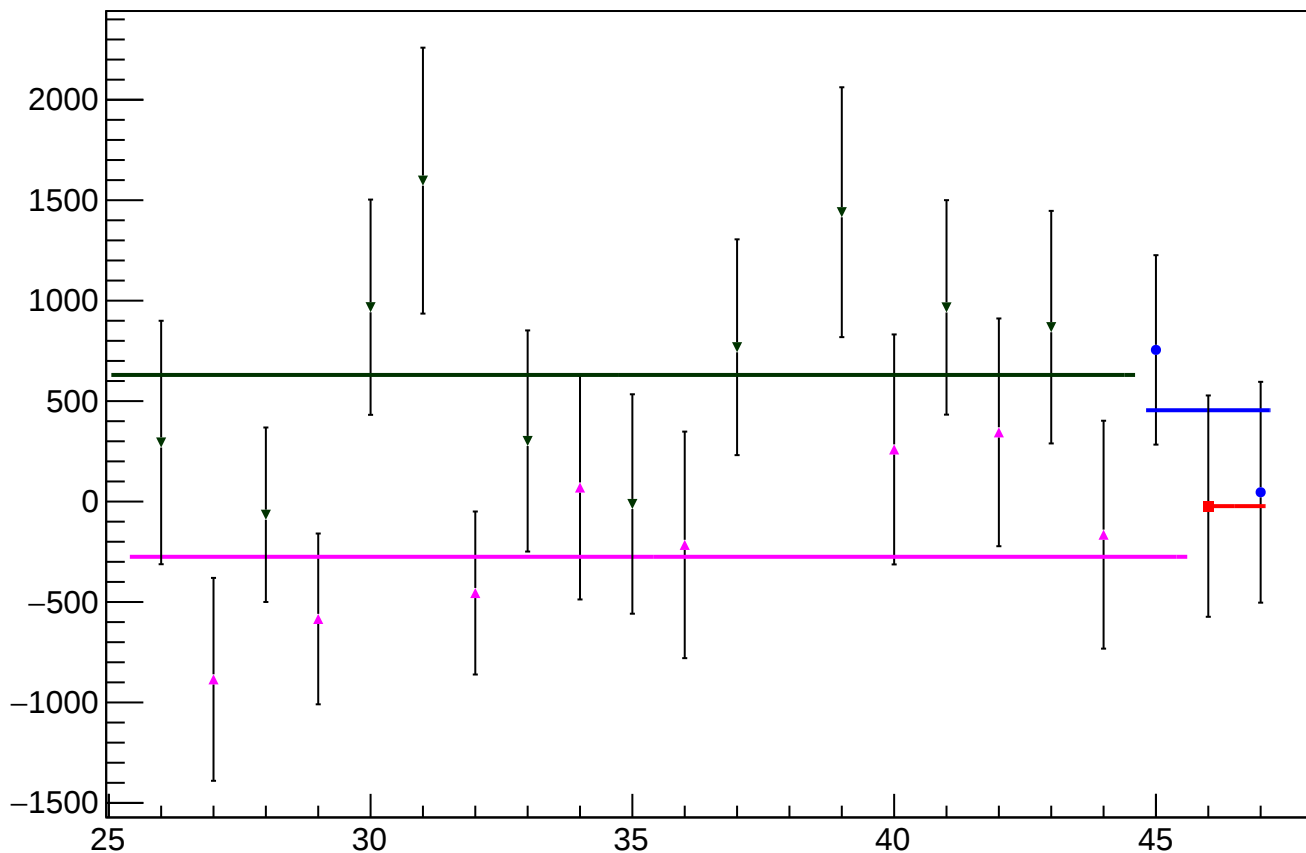
Right Out: 1242.393 ± 1.349 χ^2/NDF : 0.0/0

Left In: 1063.060 ± 0.337 χ^2/NDF : 62842.0/7

1101.581 ± 0.315 χ^2/NDF : 78972.4/11

1073.601 ± 0.327 χ^2/NDF : 79469.4/8

reg_asym_atl2_mean vs slug



Right In: 454.539 $\pm$ 357.853 χ^2/NDF : 1.0/1

Left Out: 630.254 $\pm$ 174.091 χ^2/NDF : 9.5/9

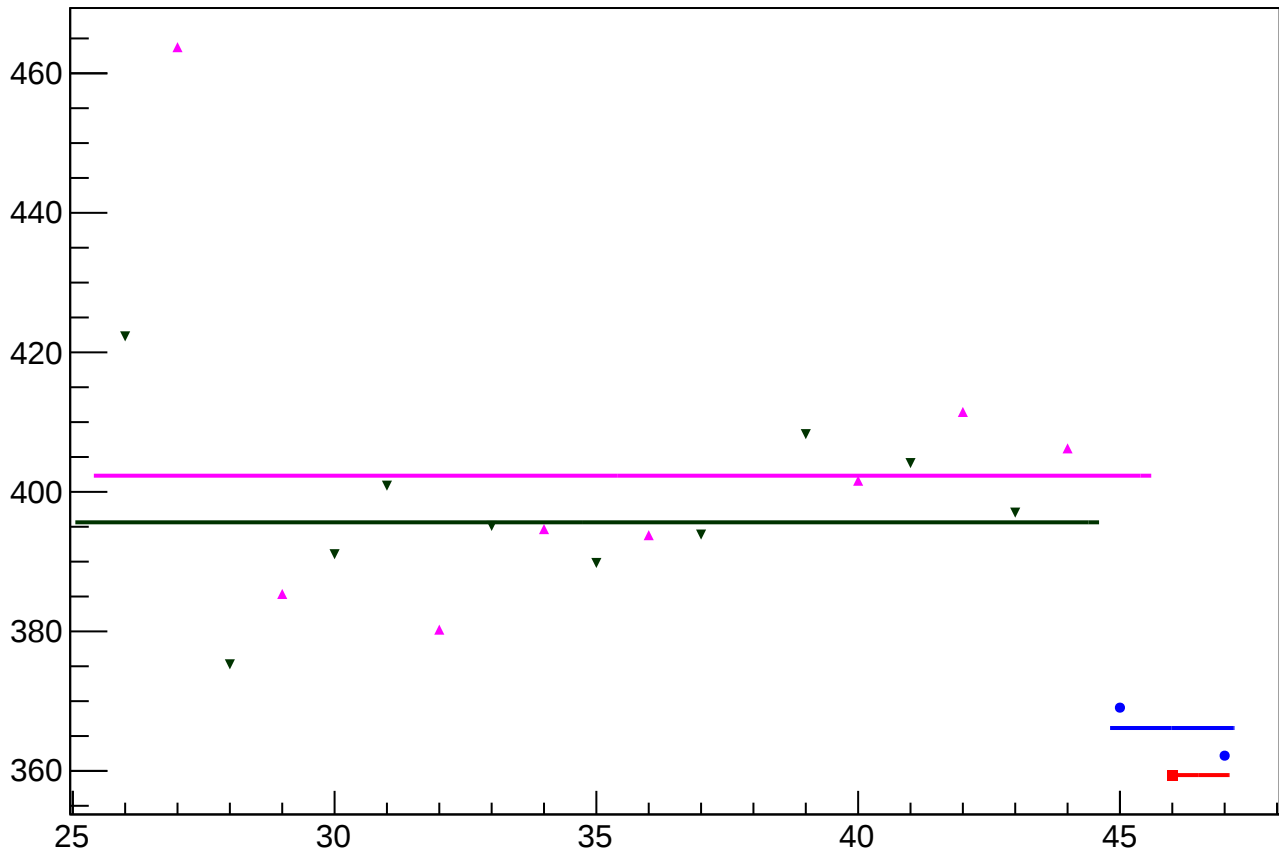
Right Out: -22.744 $\pm$ 550.879 χ^2/NDF : 0.0/0

Left In: -274.945 $\pm$ 179.112 χ^2/NDF : 4.7/7

596.626 $\pm$ 156.548 χ^2/NDF : 10.6/11

-250.833 $\pm$ 170.335 χ^2/NDF : 4.9/8

reg_asym_atl2_rms vs slug



Right In: 366.151+/-0.253 χ^2/NDF : 180.7/1

Left Out: 395.636+/-0.123 χ^2/NDF :10131.9/9

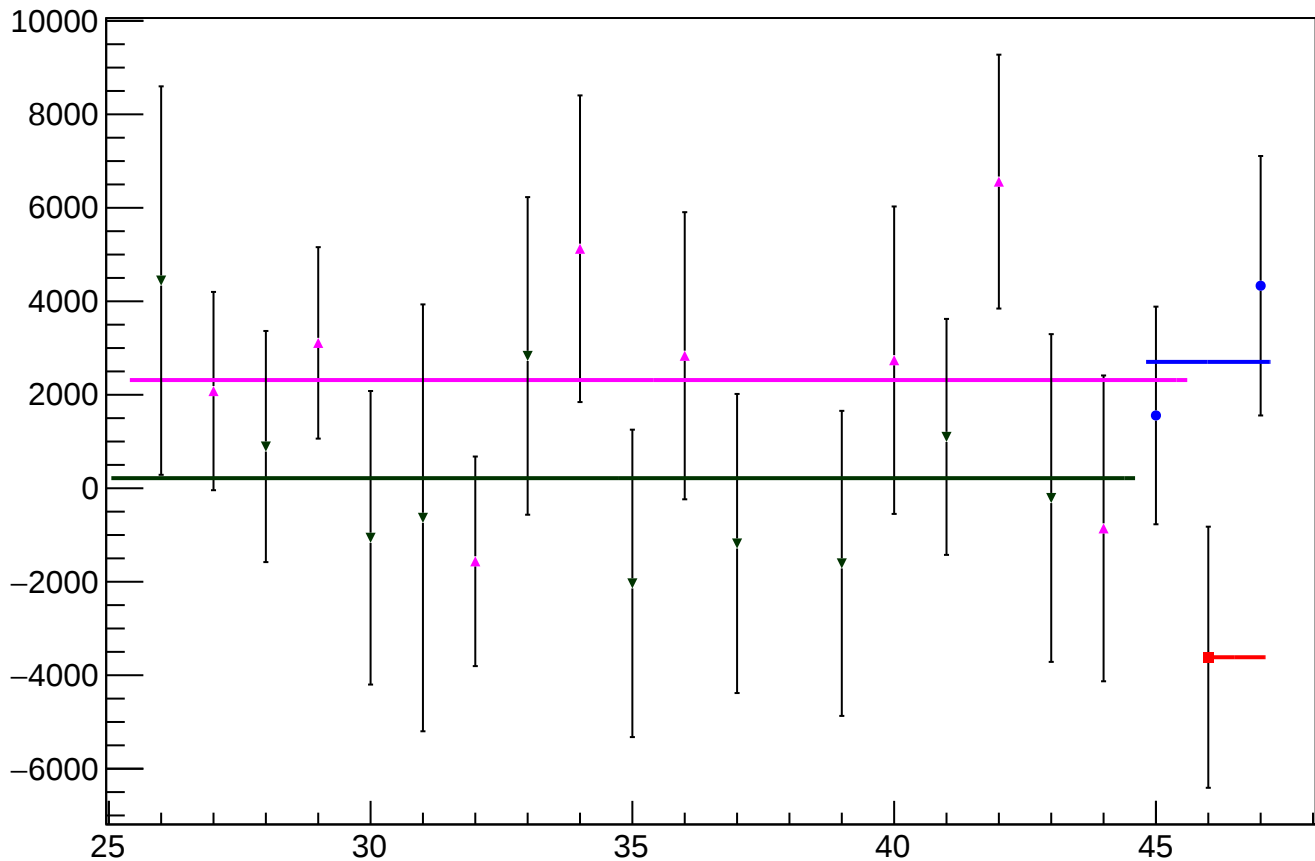
Right Out: 359.403+/-0.390 χ^2/NDF : 0.0/0

Left In: 402.320+/-0.127 χ^2/NDF :40146.8/7

389.993+/-0.111 χ^2/NDF : 21291.9/11

398.217+/-0.120 χ^2/NDF : 51125.0/8

asym_atl2_correction_mean vs slug



Right In: 2703.865+/-1783.710 χ^2/NDF : 0.6/1

Left Out: 216.258+/-1010.244 χ^2/NDF : 3.0/9

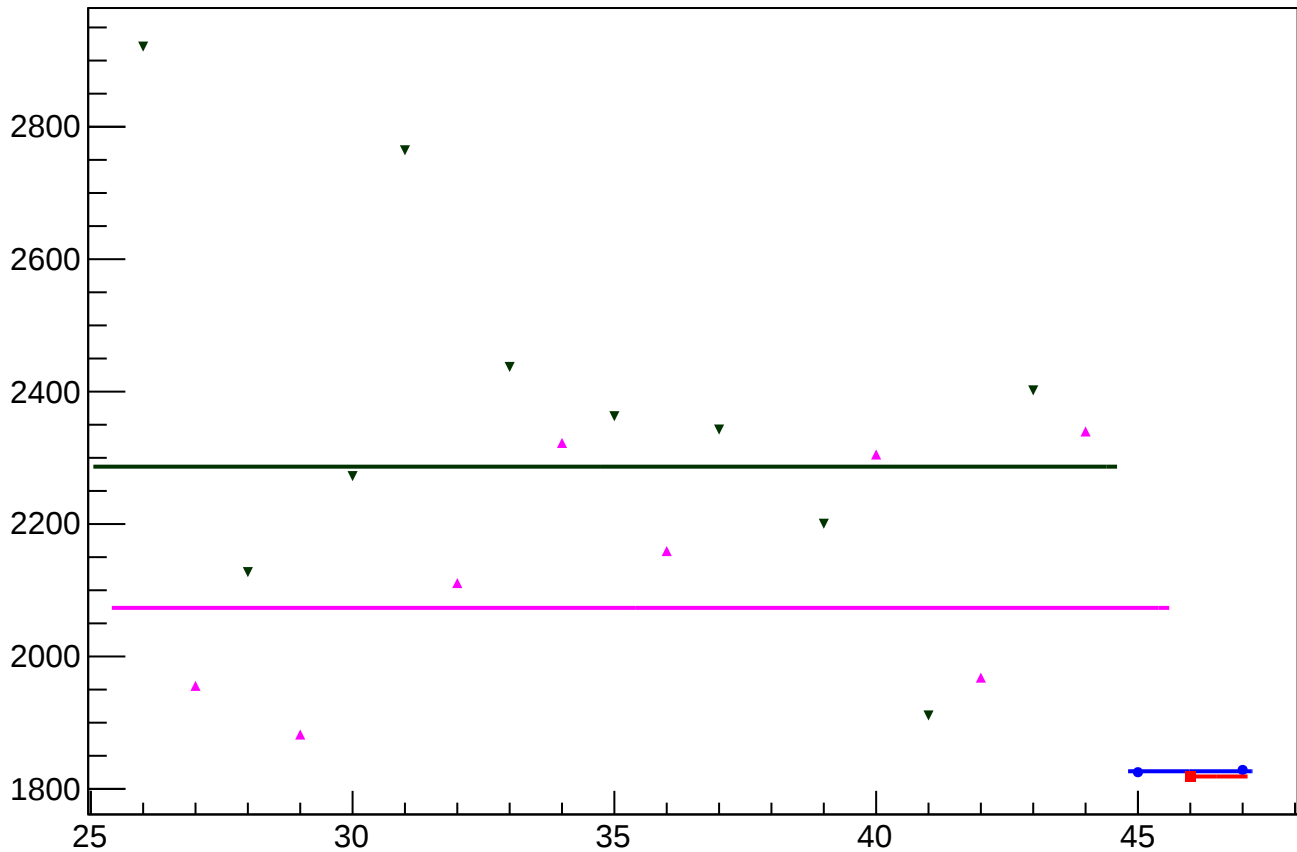
Right Out: -3615.092+/-2793.199 χ^2/NDF : 0.0/0

Left In: 2315.339+/-920.569 χ^2/NDF : 7.3/7

820.424+/-879.045 χ^2/NDF : 5.1/11

1734.290+/-874.310 χ^2/NDF : 11.4/8

asym_atl2_correction_rms vs slug



Right In: 1826.629+/-1.261 χ^2/NDF : 1.8/1

Left Out: 2286.677+/-0.714 χ^2/NDF : 130336.9/9

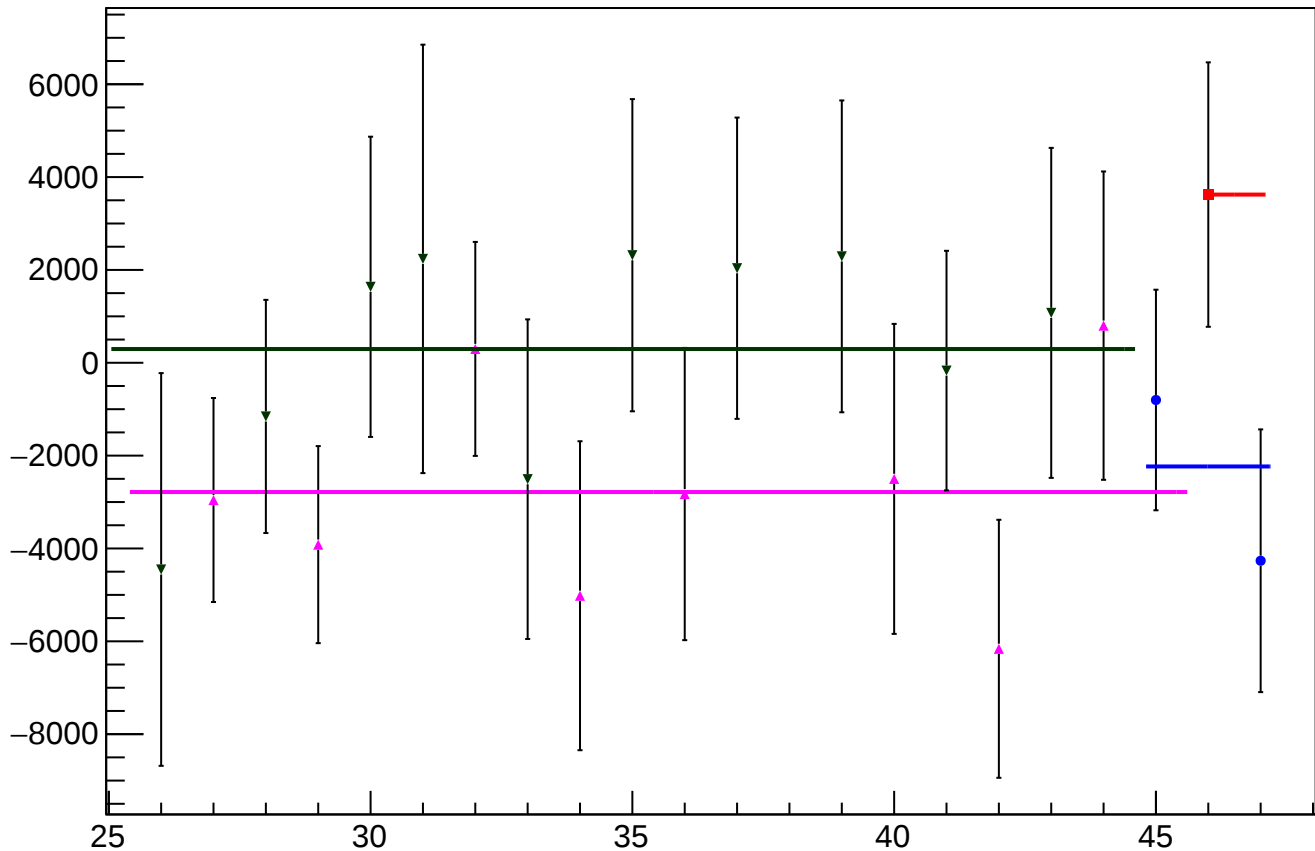
Right Out: 1818.741+/-1.975 χ^2/NDF : 0.0/0

Left In: 2073.386+/-0.651 χ^2/NDF : 63457.3/7

2174.945+/-0.622 χ^2/NDF : 231068.5/11

2048.437+/-0.618 χ^2/NDF : 78451.2/8

asym_atl2_mean vs slug



Right In: -2233.475+/-1819.434 χ^2/NDF : 0.9/1

Left Out: 296.079+/-1029.874 χ^2/NDF : 3.7/9

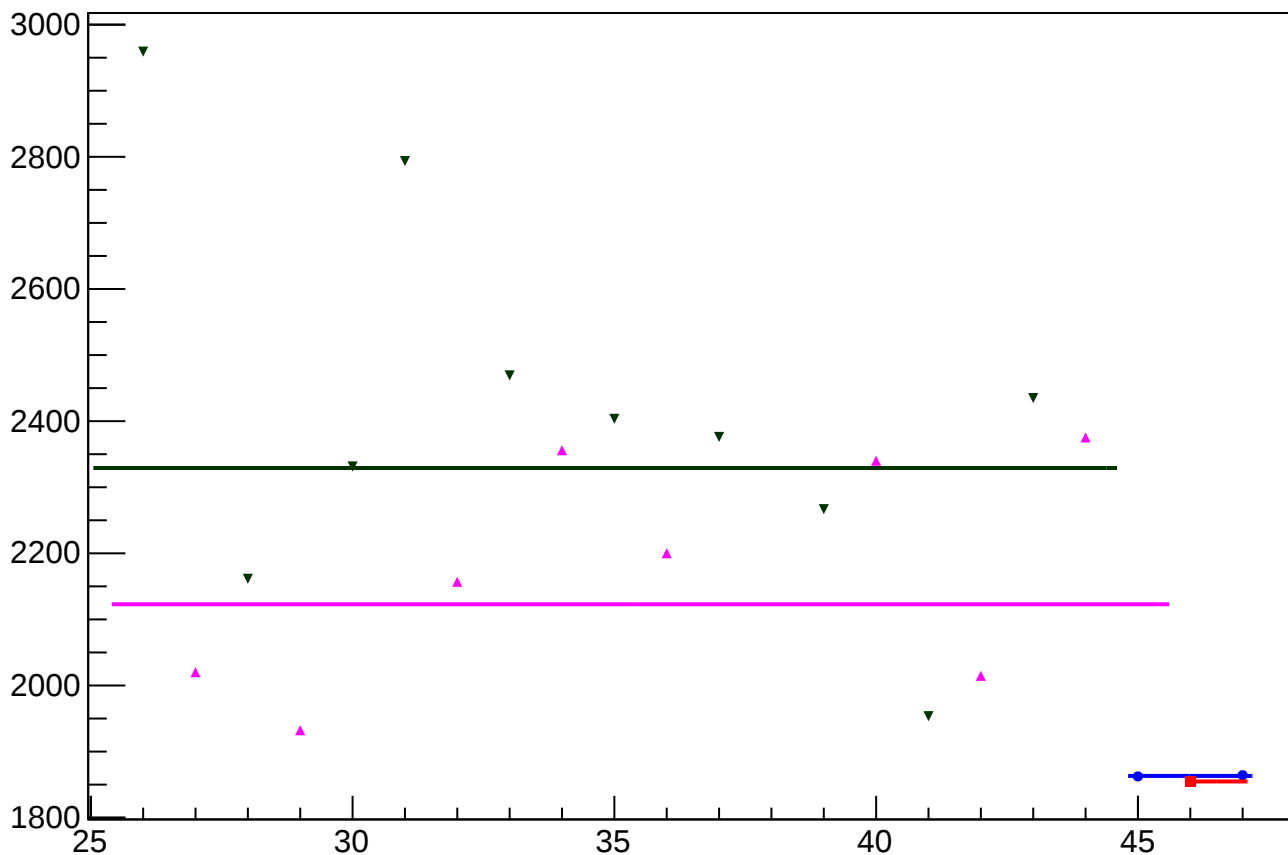
Right Out: 3623.160+/-2848.026 χ^2/NDF : 0.0/0

Left In: -2784.125+/-945.556 χ^2/NDF : 5.2/7

-317.730+/-896.254 χ^2/NDF : 6.0/11

-2147.991+/-897.390 χ^2/NDF : 9.7/8

asym_atl2_rms vs slug



Right In: 1863.188 ± 1.287 χ^2/NDF : 0.5/1

Left Out: 2329.125 ± 0.728 χ^2/NDF : 123081.1/9

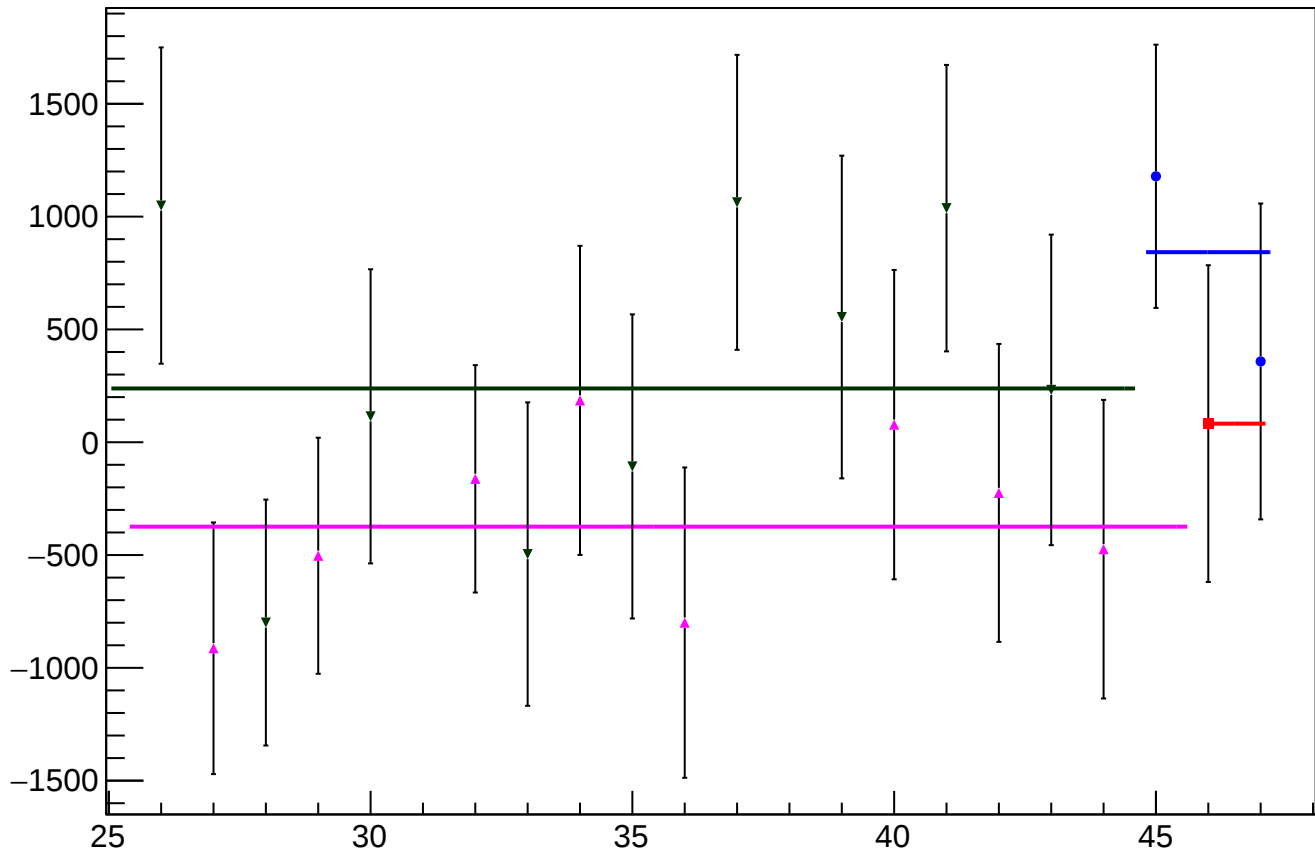
Right Out: 1854.781 ± 2.014 χ^2/NDF : 0.0/0

Left In: 2122.943 ± 0.669 χ^2/NDF : 55037.1/7

2216.063 ± 0.634 χ^2/NDF : 222417.4/11

2096.319 ± 0.635 χ^2/NDF : 71007.8/8

reg_asym_atr1_mean vs slug



Right In: 842.413+/-448.165 χ^2/NDF : 0.8/1

Left Out: 238.372+/-217.936 χ^2/NDF : 9.8/8

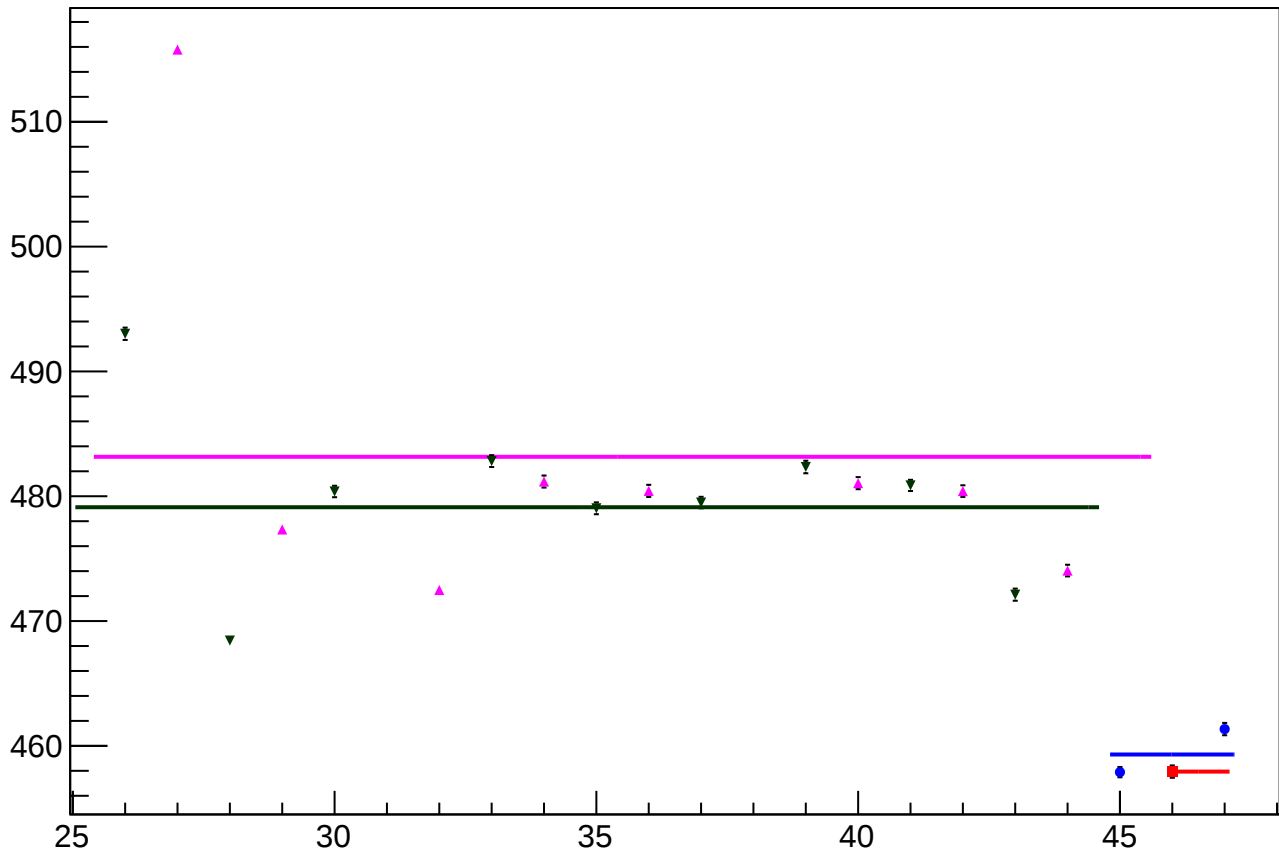
Right Out: 82.457+/-702.015 χ^2/NDF : 0.0/0

Left In: -374.119+/-214.392 χ^2/NDF : 2.7/7

353.894+/-195.991 χ^2/NDF : 12.1/10

-335.169+/-205.043 χ^2/NDF : 3.1/8

reg_asym_atr1_rms vs slug



Right In: 459.309 ± 0.317 χ^2/NDF : 28.7/1

Left Out: 479.120 ± 0.154 χ^2/NDF : 1886.5/8

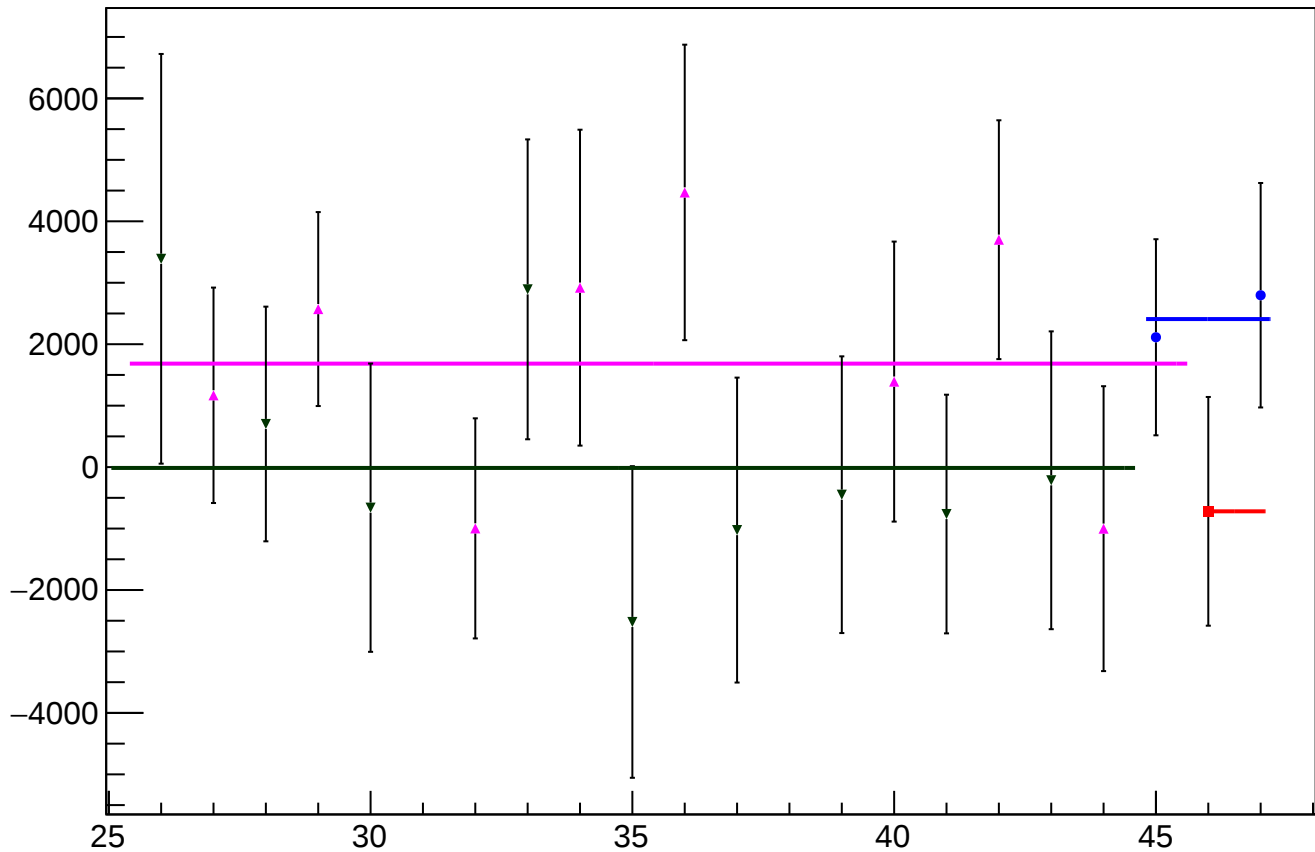
Right Out: 457.938 ± 0.496 χ^2/NDF : 0.0/0

Left In: 483.160 ± 0.152 χ^2/NDF : 8470.0/7

475.331 ± 0.139 χ^2/NDF : 5075.8/10

481.008 ± 0.145 χ^2/NDF : 10831.4/8

asym_atr1_correction_mean vs slug



Right In: 2409.149+/-1201.646 χ^2/NDF : 0.1/1

Left Out: -13.564+/-775.077 χ^2/NDF : 4.0/8

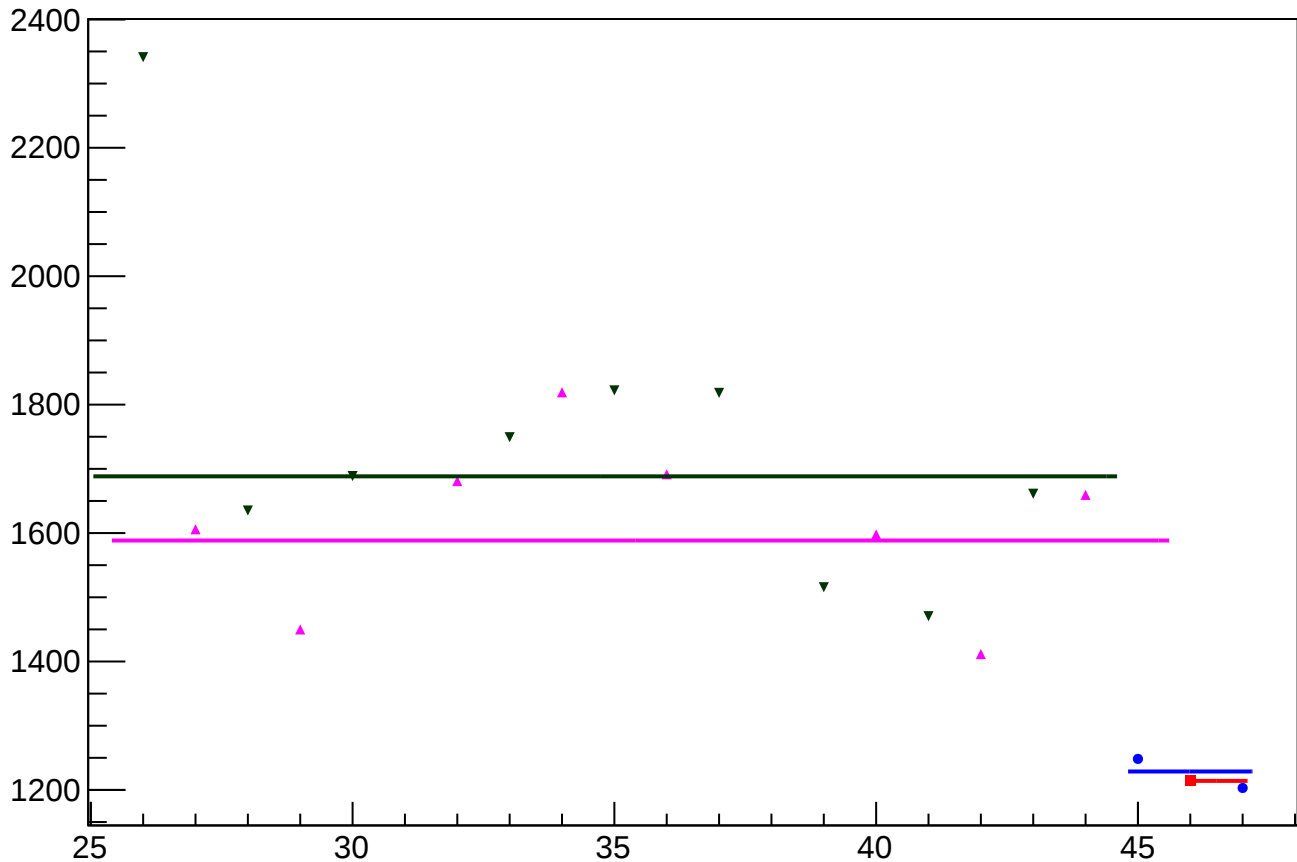
Right Out: -719.611+/-1861.038 χ^2/NDF : 0.0/0

Left In: 1683.939+/-705.940 χ^2/NDF : 6.7/7

698.243+/-651.338 χ^2/NDF : 7.0/10

1381.600+/-660.048 χ^2/NDF : 8.1/8

asym_atr1_correction_rms vs slug



Right In: 1228.726+/-0.850 χ^2/NDF : 696.5/1

Left Out: 1688.324+/-0.548 χ^2/NDF :127706.3/8

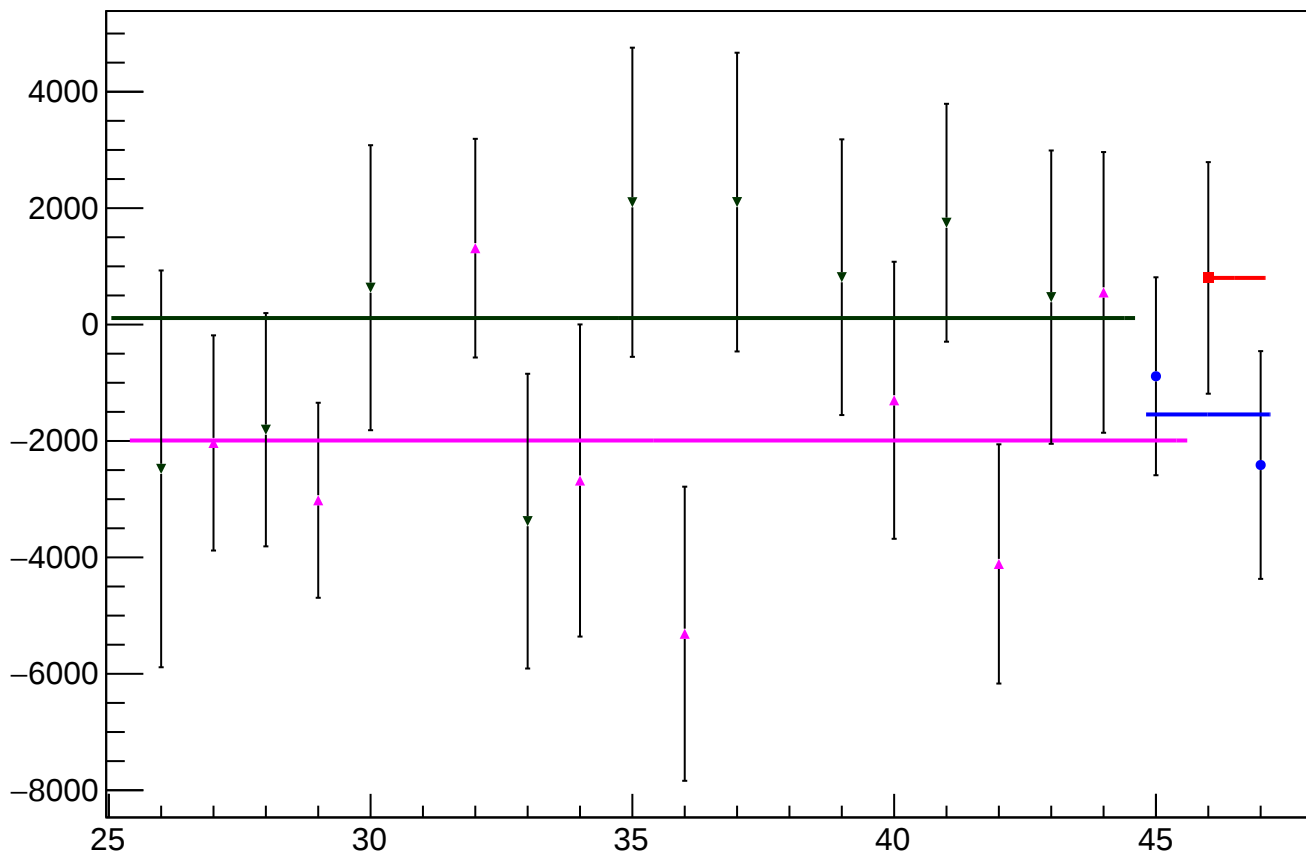
1553.291+/-0.461 χ^2/NDF : 335015.6/10

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: -1544.106 $\pm$ 1283.415 χ^2 /NDF: 0.3/1

Left Out: 112.152 $\pm$ 809.295 χ^2 /NDF: 5.4/8

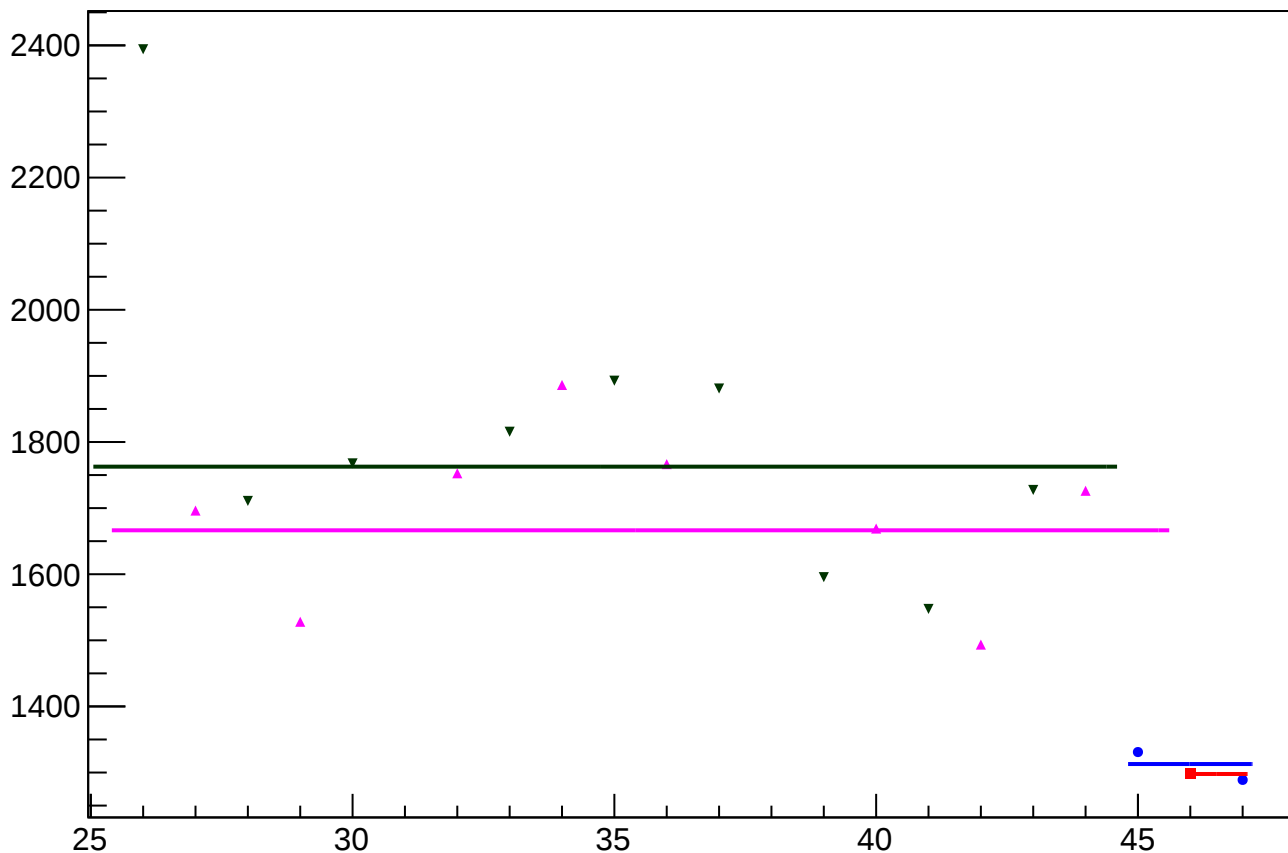
Right Out: 801.554 $\pm$ 1989.326 χ^2 /NDF: 0.0/0

Left In: -1991.664 $\pm$ 742.563 χ^2 /NDF: 7.5/7

-359.059 $\pm$ 684.559 χ^2 /NDF: 6.9/10

-1650.071 $\pm$ 695.677 χ^2 /NDF: 9.3/8

asym_atr1_rms vs slug



Right In: 1312.870+/-0.908 χ^2/NDF : 527.5/1

Left Out: 1762.716+/-0.572 χ^2/NDF : 112433.4/8

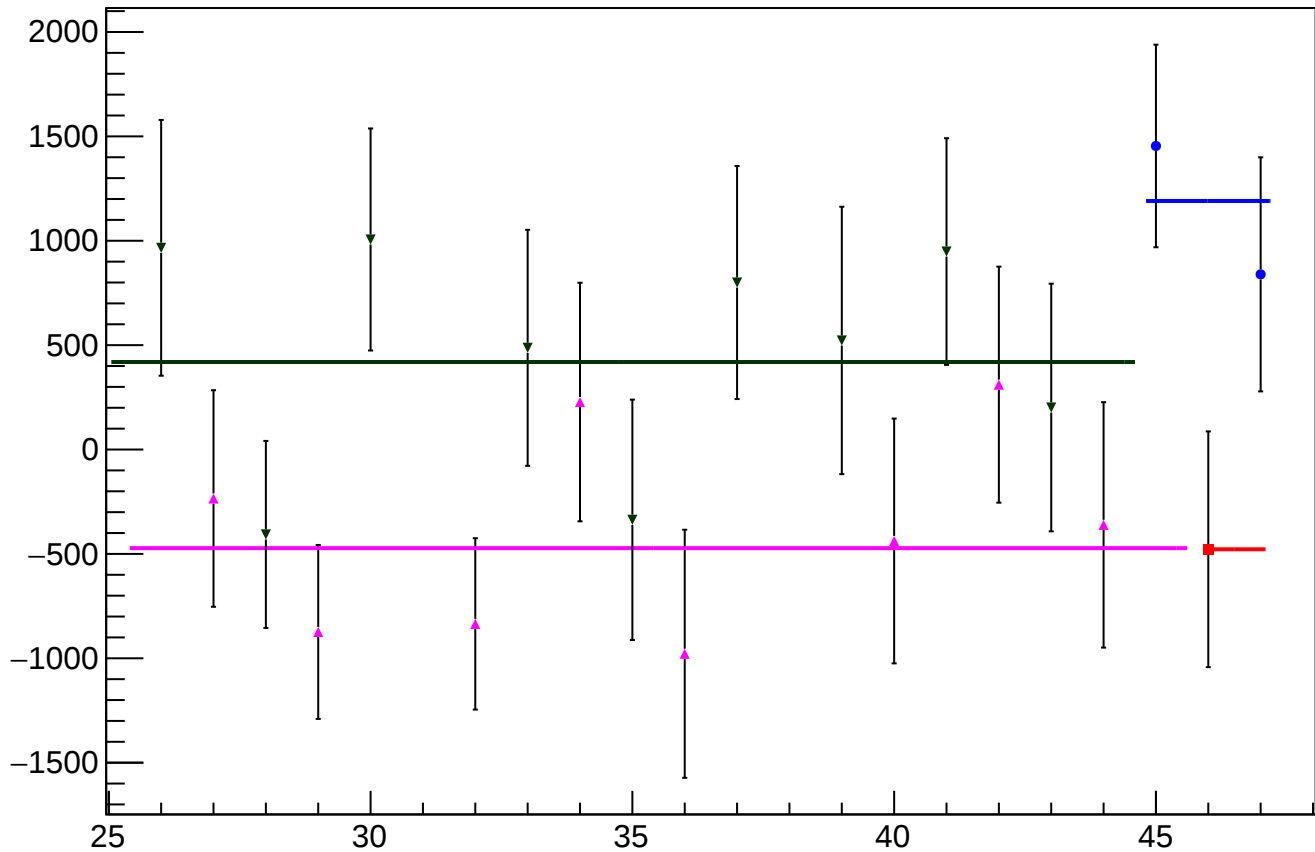
Right Out: 1297.805+/-1.407 χ^2/NDF : 0.0/0

Left In: 1666.436+/-0.525 χ^2/NDF : 50358.5/7

1634.733+/-0.484 χ^2/NDF : 288766.2/10

1621.355+/-0.492 χ^2/NDF : 110635.3/8

reg_asym_atr2_mean vs slug



Right In: 1190.654 $\pm$ 366.883 χ^2 /NDF: 0.7/1

Left Out: 419.150 $\pm$ 185.000 χ^2 /NDF: 8.7/8

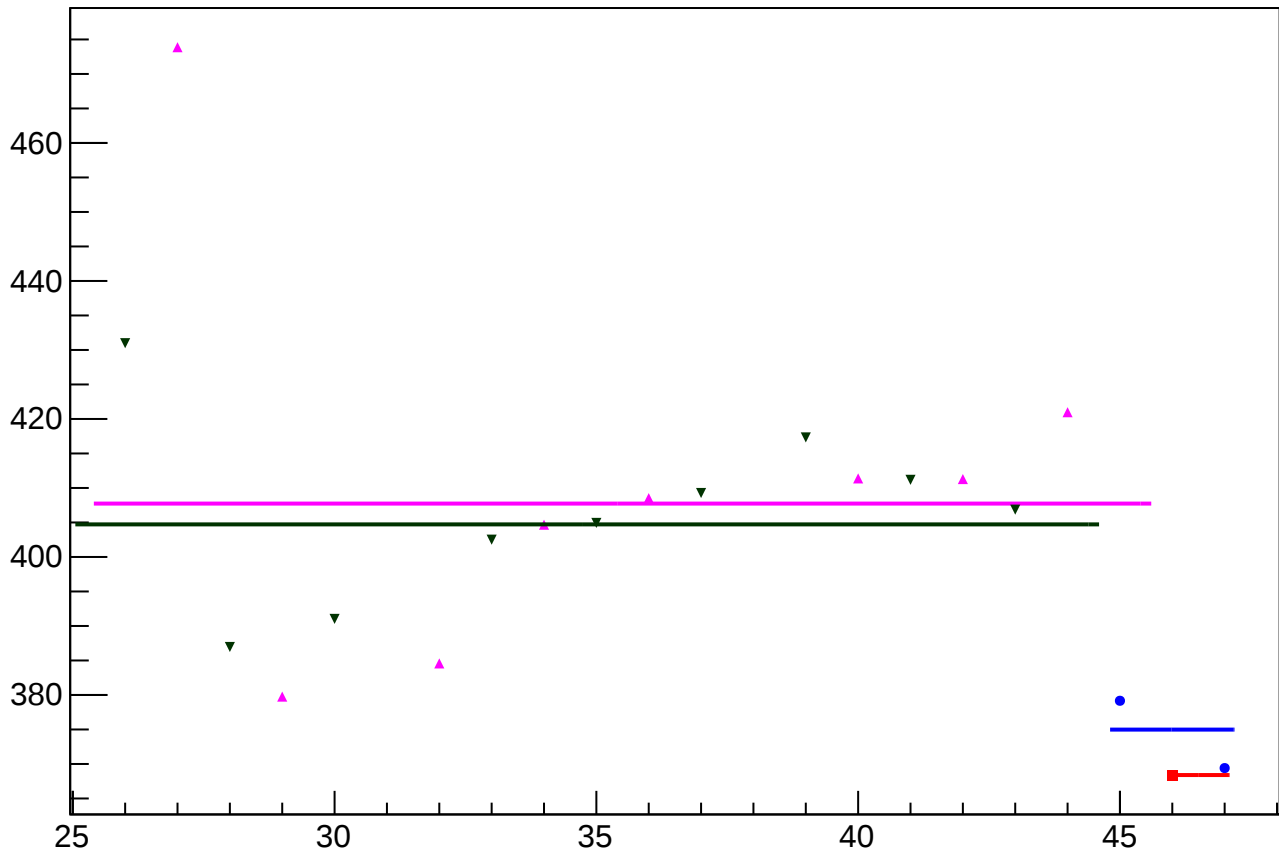
Right Out: -477.926 $\pm$ 564.690 χ^2 /NDF: 0.0/0

Left In: -472.383 $\pm$ 181.829 χ^2 /NDF: 6.1/7

575.550 $\pm$ 165.188 χ^2 /NDF: 12.9/10

-472.904 $\pm$ 173.078 χ^2 /NDF: 6.1/8

reg_asym_atr2_rms vs slug



Right In: 374.982 $\pm$ 0.259 χ^2 /NDF: 346.2/1

Left Out: 404.722 $\pm$ 0.131 χ^2 /NDF: 9396.7/8

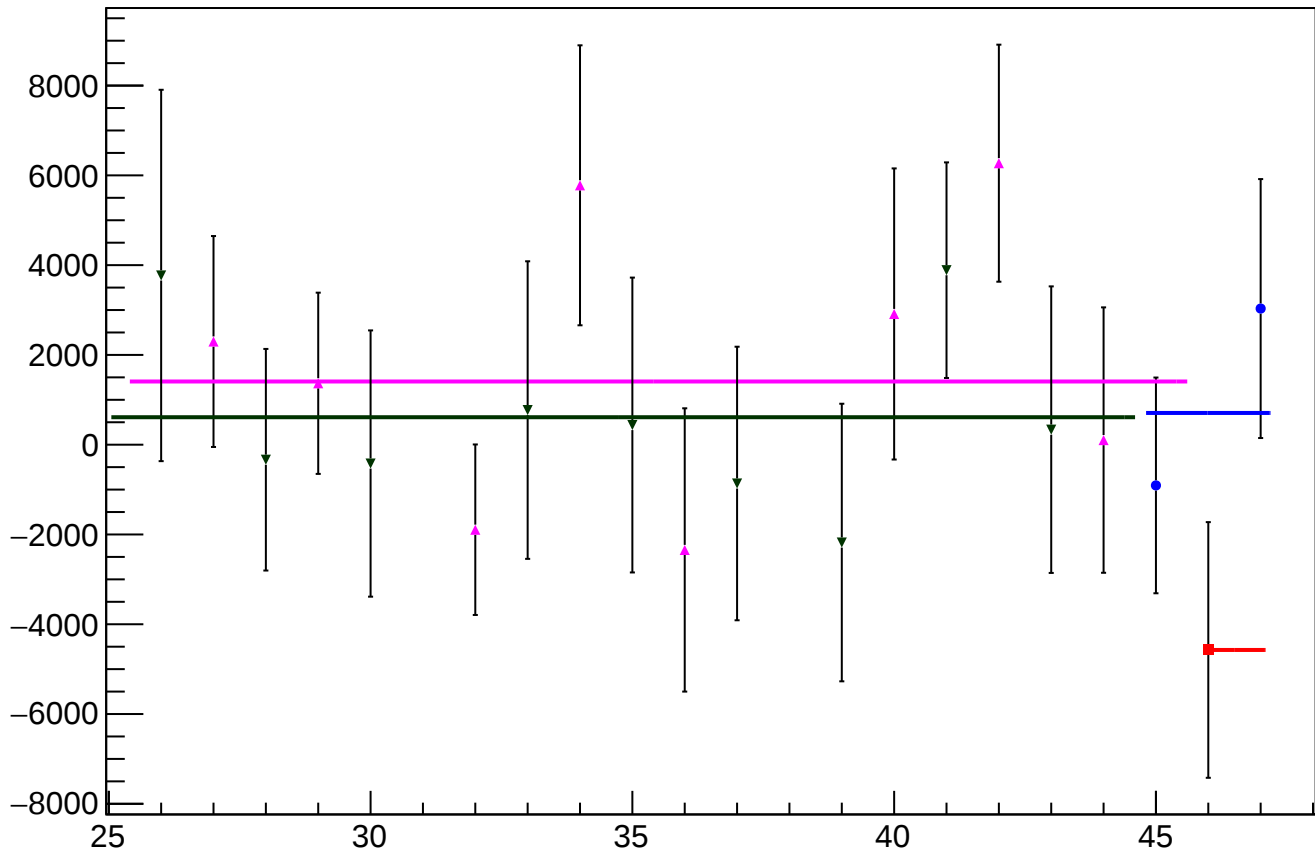
Right Out: 368.396 $\pm$ 0.399 χ^2 /NDF: 0.0/0

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.5/7

398.693 $\pm$ 0.117 χ^2 /NDF: 20220.9/10

404.041 $\pm$ 0.122 χ^2 /NDF: 57931.8/8

asym_atr2_correction_mean vs slug



Right In: 707.223+/-1846.235 χ^2/NDF : 1.1/1

Left Out: 611.983+/-998.079 χ^2/NDF : 3.8/8

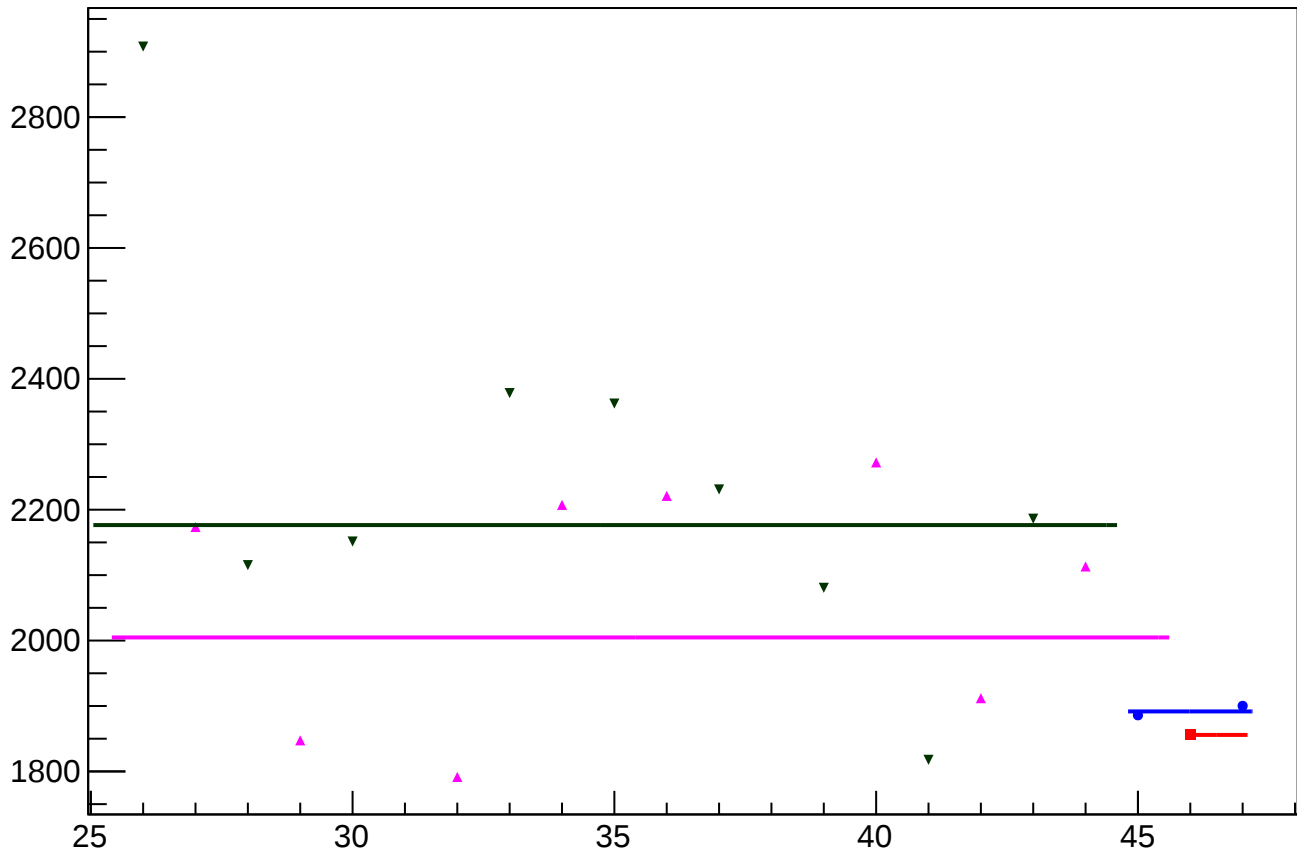
633.522+/-877.994 χ^2/NDF : 4.9/10

Right Out: -4572.828+/-2847.879 χ^2/NDF : 0.0/0

874.957+/-850.251 χ^2/NDF : 14.4/8

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

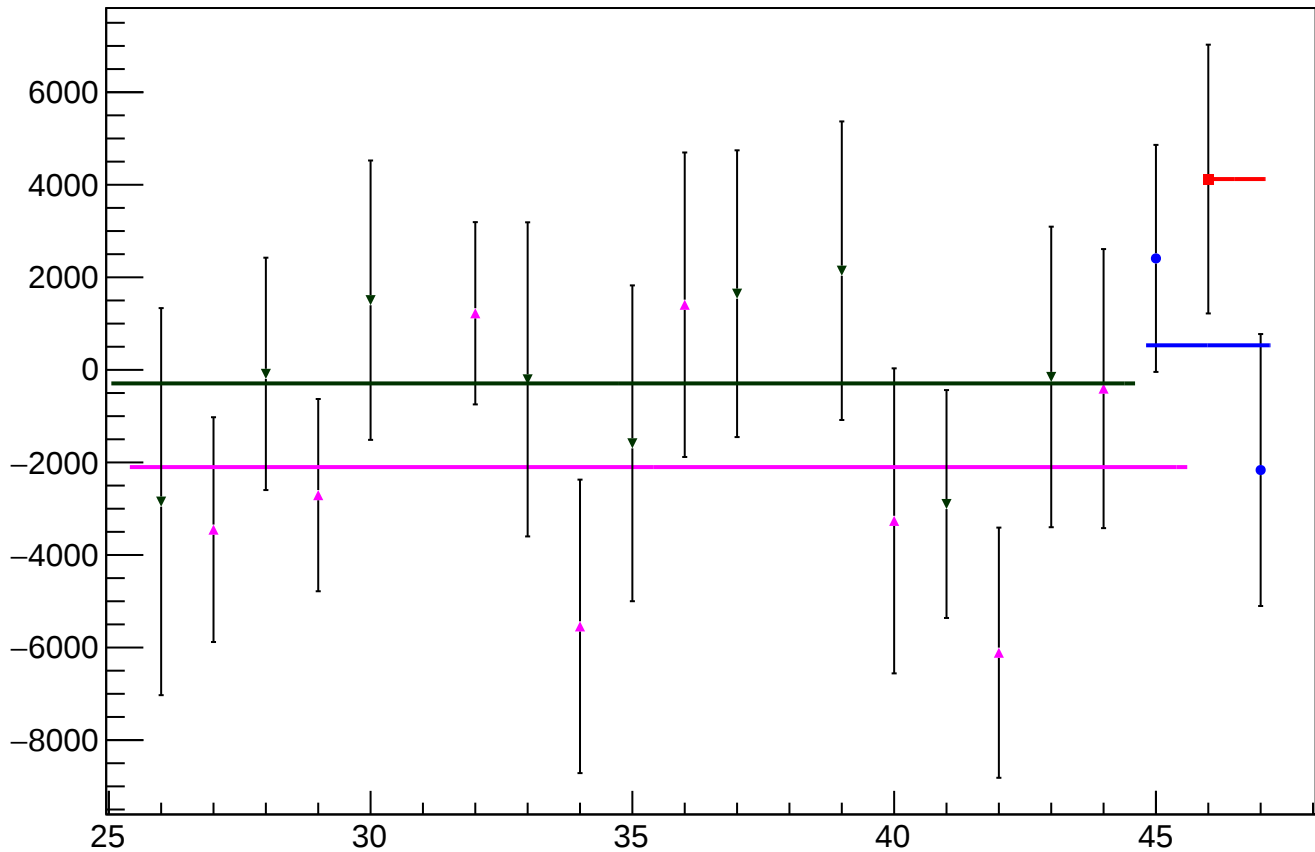
asym_atr2_correction_rms vs slug



Right In: 1891.684 ± 1.305 $\chi^2/\text{NDF}: 29.5/1$
 Left Out: 2176.497 ± 0.706 $\chi^2/\text{NDF}: 124899.3/8$
 Right Out: 1855.783 ± 2.014 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2004.754 ± 0.630 $\chi^2/\text{NDF}: 84278.5/7$

2112.084 ± 0.621 $\chi^2/\text{NDF}: 161761.1/10$
 1991.475 ± 0.601 $\chi^2/\text{NDF}: 89263.3/8$

asym_atr2_mean vs slug



Right In: 530.922 $\pm$ 1883.007 χ^2 /NDF: 1.4/1

Left Out: -292.554 $\pm$ 1021.514 χ^2 /NDF: 3.0/8

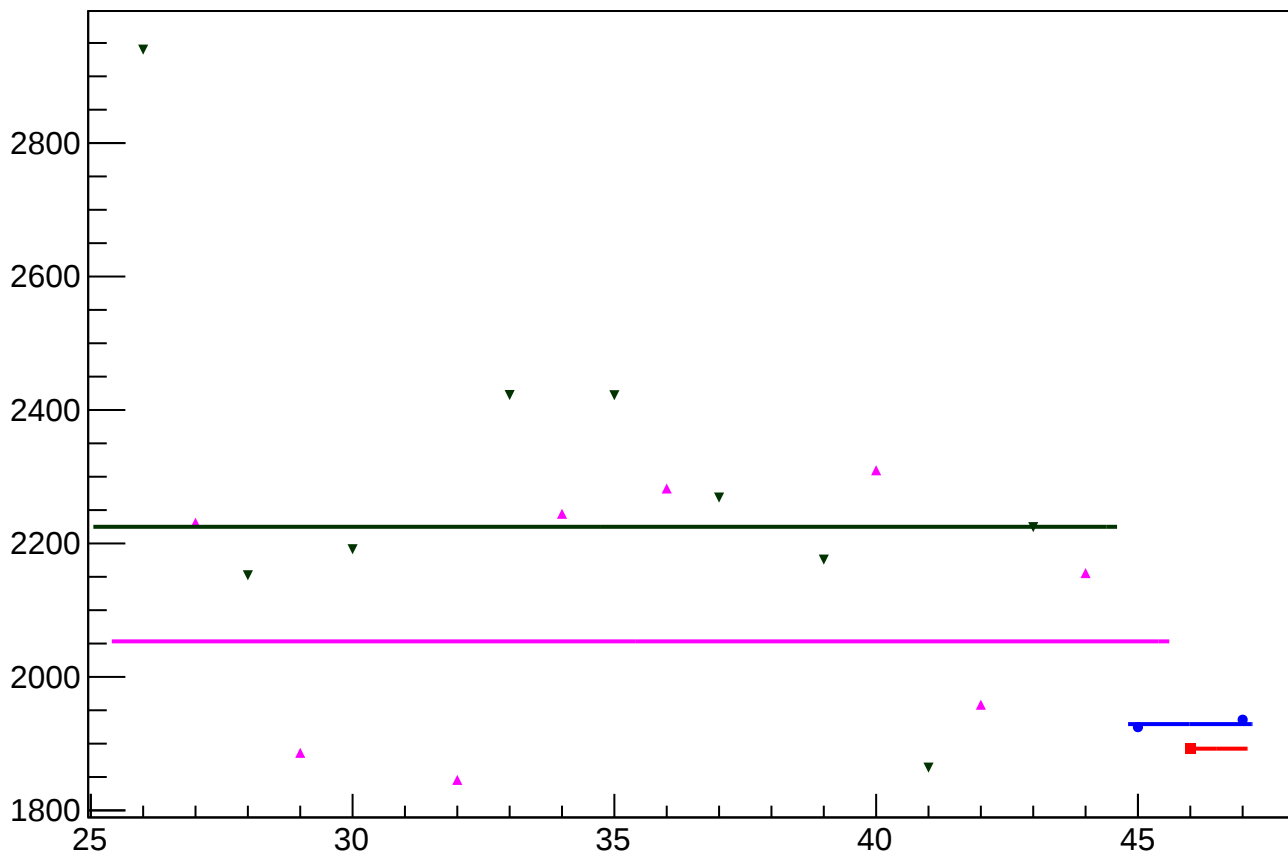
-105.312 $\pm$ 897.899 χ^2 /NDF: 4.5/10

Right Out: 4123.407 $\pm$ 2903.913 χ^2 /NDF: 0.0/0

-1536.542 $\pm$ 874.221 χ^2 /NDF: 12.4/8

Left In: -2100.632 $\pm$ 916.751 χ^2 /NDF: 8.2/7

asym_atr2_rms vs slug



Right In: 1929.299 ± 1.331 χ^2/NDF : 17.1/1

Left Out: 2224.962 ± 0.722 χ^2/NDF : 117664.9/8

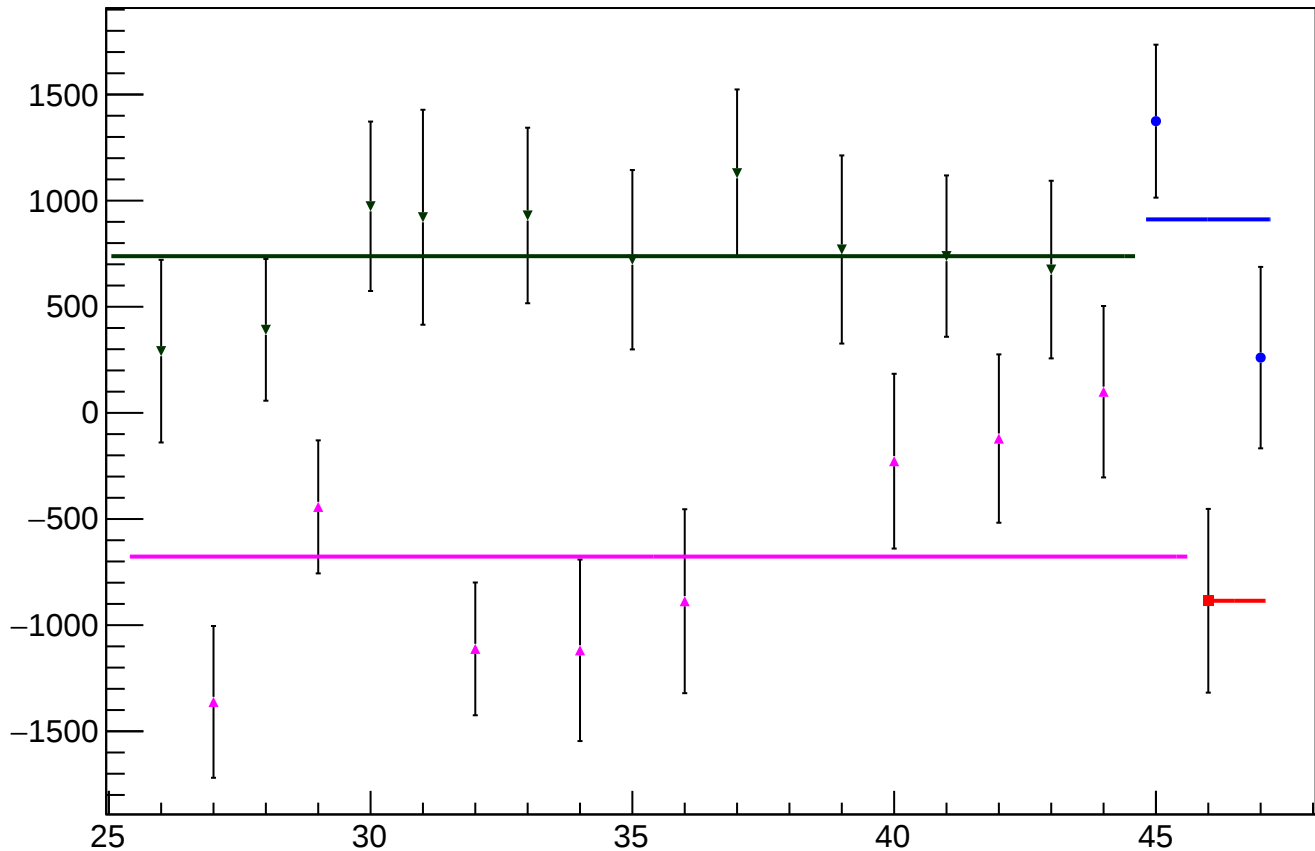
Right Out: 1892.480 ± 2.053 χ^2/NDF : 0.0/0

Left In: 2053.263 ± 0.648 χ^2/NDF : 79708.2/7

2157.734 ± 0.635 χ^2/NDF : 155778.6/10

2038.691 ± 0.618 χ^2/NDF : 85283.7/8

reg_asym_atl_avg_mean vs slug



Right In: 911.623 $\pm$ 275.499 χ^2/NDF : 4.0/1

Left Out: 738.316 $\pm$ 128.954 χ^2/NDF :3.9/9

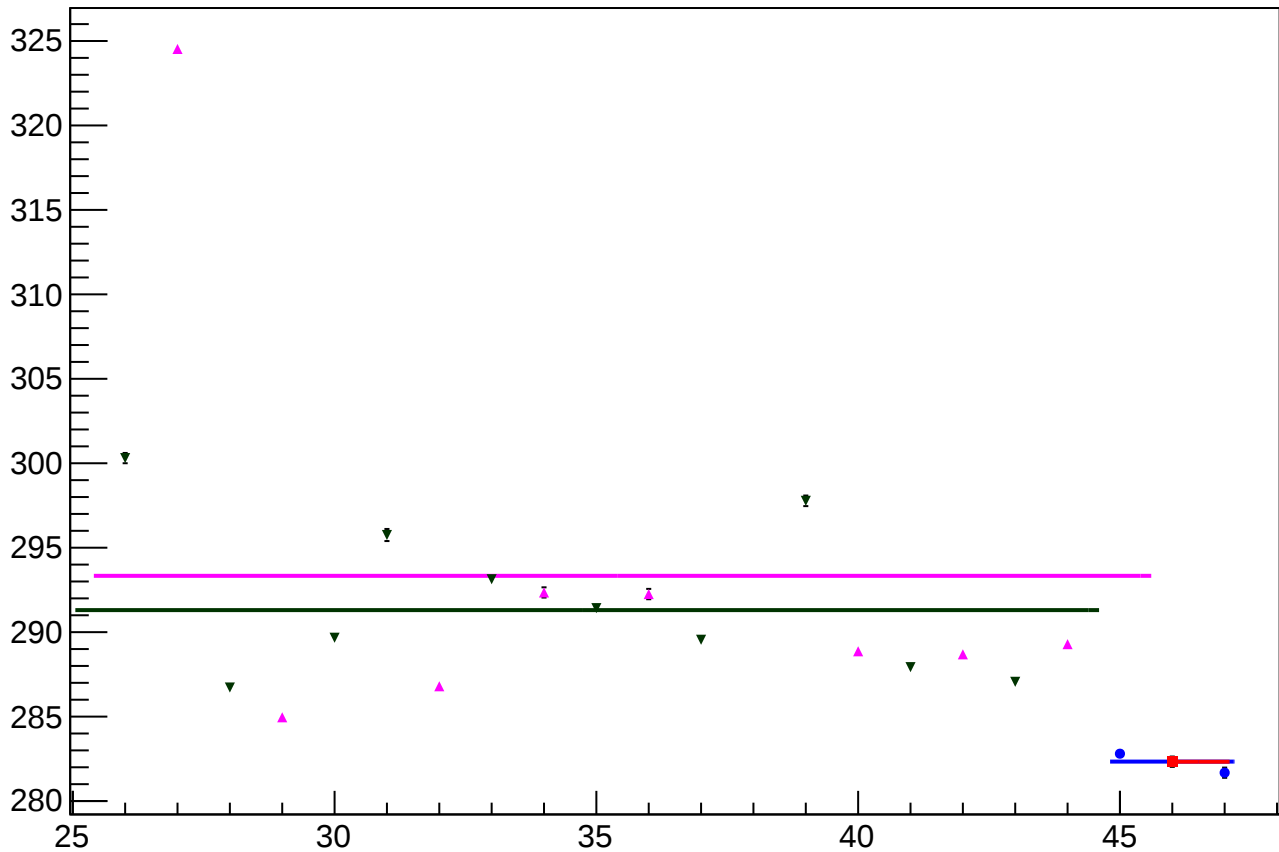
Right Out: -885.152 $\pm$ 432.860 χ^2/NDF : 0.0/0

Left In: -676.938 $\pm$ 131.978 χ^2/NDF :14.3/7

769.463 $\pm$ 116.793 χ^2/NDF : 8.2/11

-694.648 $\pm$ 126.240 χ^2/NDF : 14.5/8

reg_asym_atl_avg_rms vs slug



Right In: 282.337+/-0.195 χ^2/NDF : 8.1/1

Left Out: 291.305+/-0.091 χ^2/NDF :2308.5/9

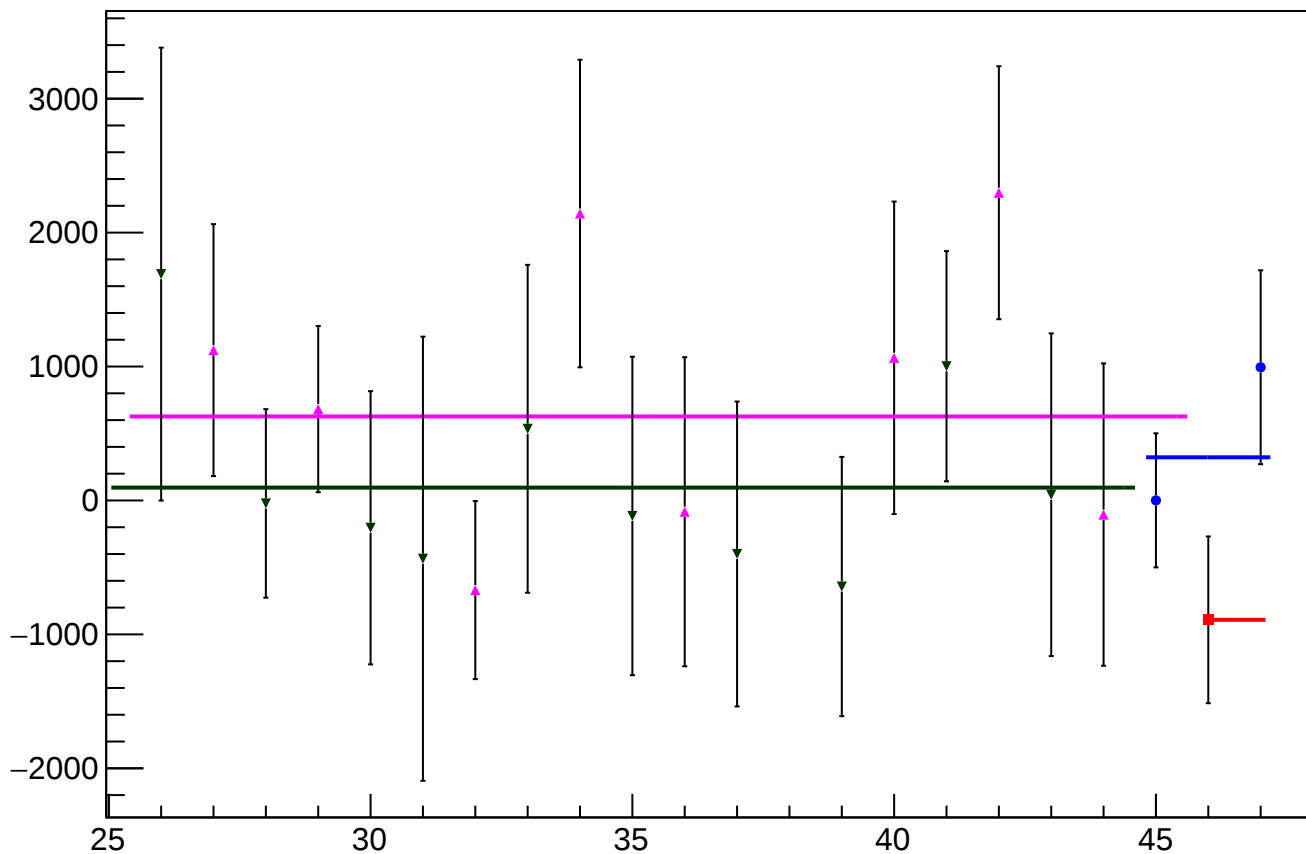
289.694+/-0.083 χ^2/NDF : 4055.2/11

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: 322.229+/-411.765 χ^2/NDF : 1.3/1

Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

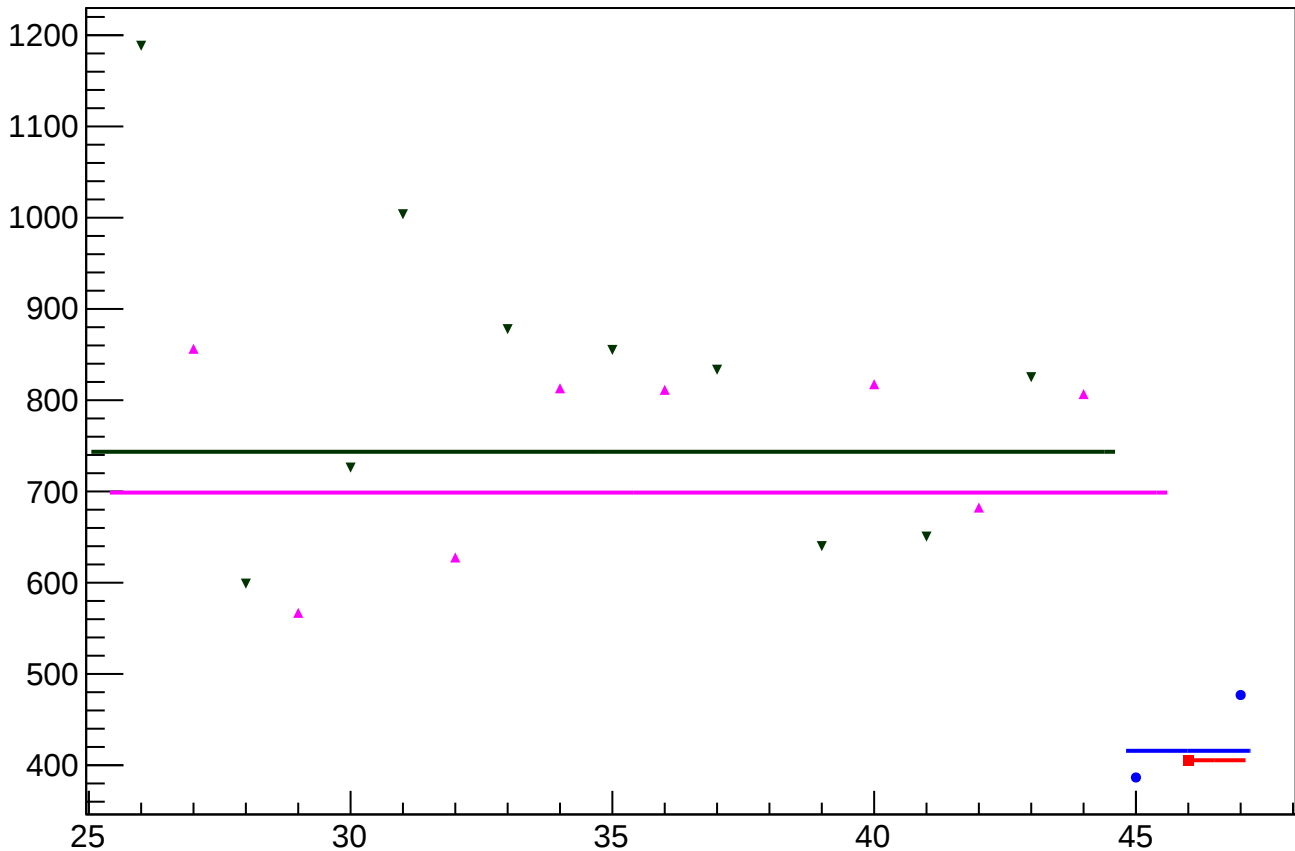
Right Out: -891.242+/-622.540 χ^2/NDF : 0.0/0

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

185.845+/-259.528 χ^2/NDF : 4.6/11

319.304+/-280.395 χ^2/NDF : 14.6/8

asym_atl_avg_correction_rms vs slug



Right In: 415.780+/-0.291 χ^2/NDF : 21075.0/1

Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

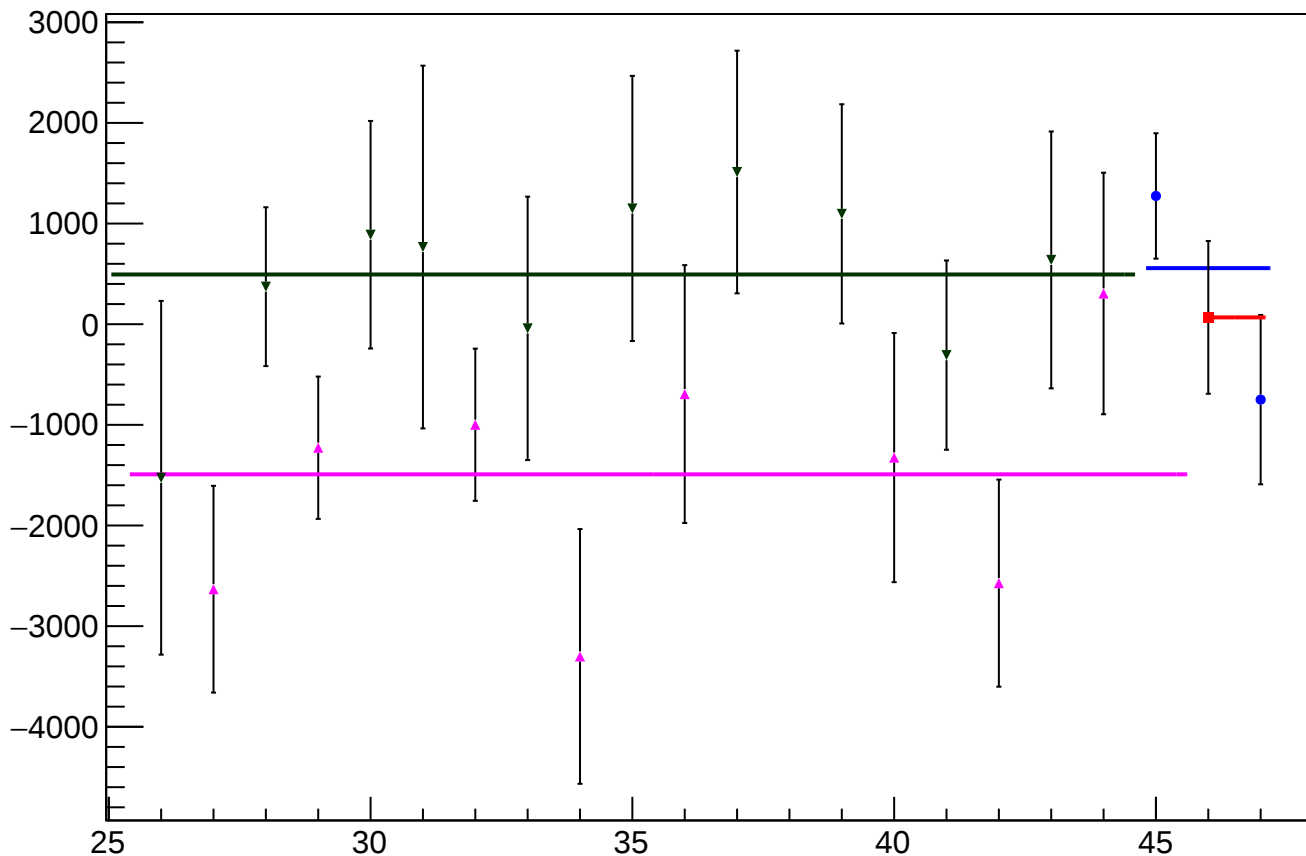
Right Out: 405.435+/-0.440 χ^2/NDF : 0.0/0

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

613.299+/-0.184 χ^2/NDF : 1166870.0/11

639.263+/-0.198 χ^2/NDF : 601620.4/8

asym_atl_avg_mean vs slug



Right In: 557.108 ± 500.720 χ^2/NDF : 3.7/1

Left Out: 494.045 ± 366.212 χ^2/NDF : 3.7/9

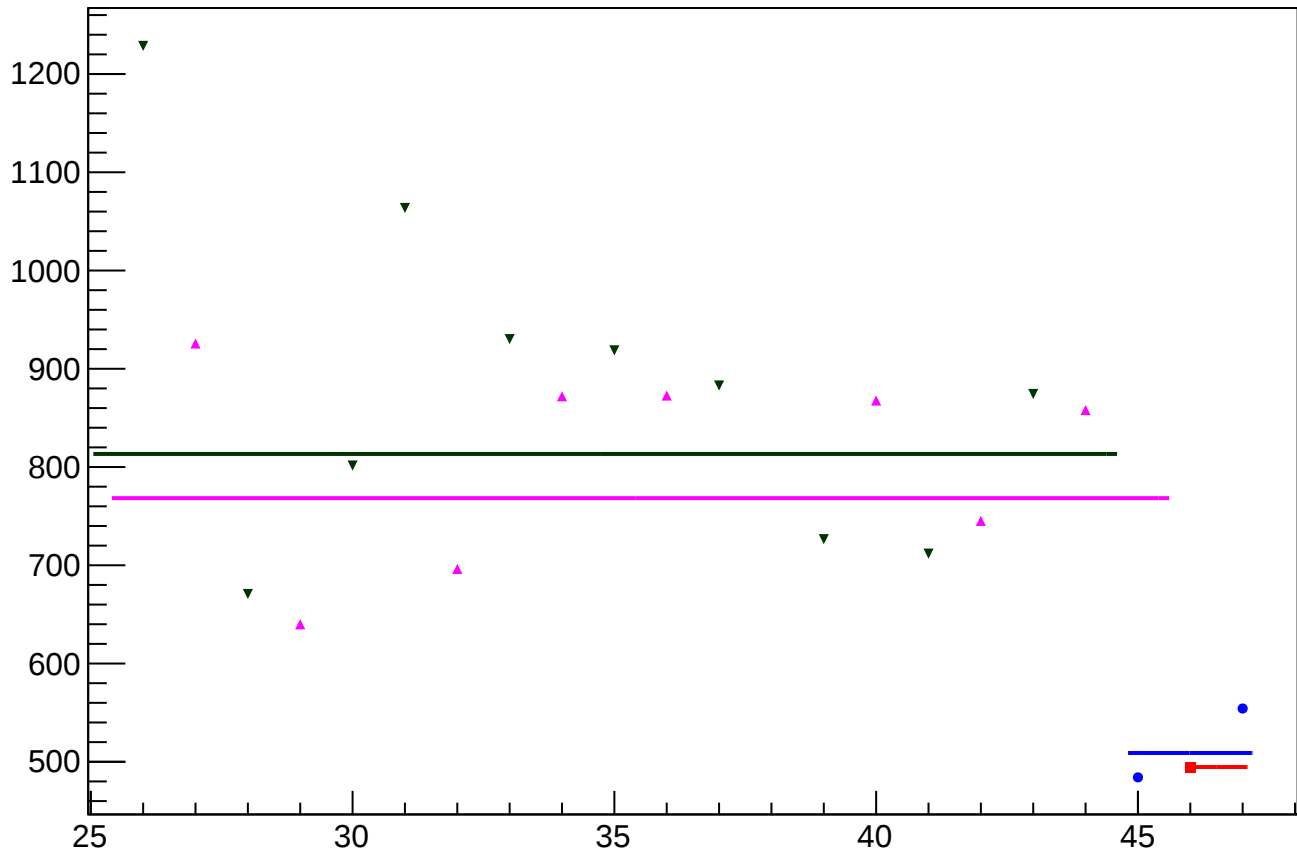
Right Out: 67.680 ± 759.013 χ^2/NDF : 0.0/0

Left In: -1491.627 ± 348.747 χ^2/NDF : 7.6/7

516.022 ± 295.591 χ^2/NDF : 7.4/11

-1219.815 ± 316.896 χ^2/NDF : 11.1/8

asym_atl_avg_rms vs slug



Right In: 508.969+/-0.354 χ^2/NDF : 8963.0/1

Left Out: 813.323+/-0.259 χ^2/NDF :291804.3/9

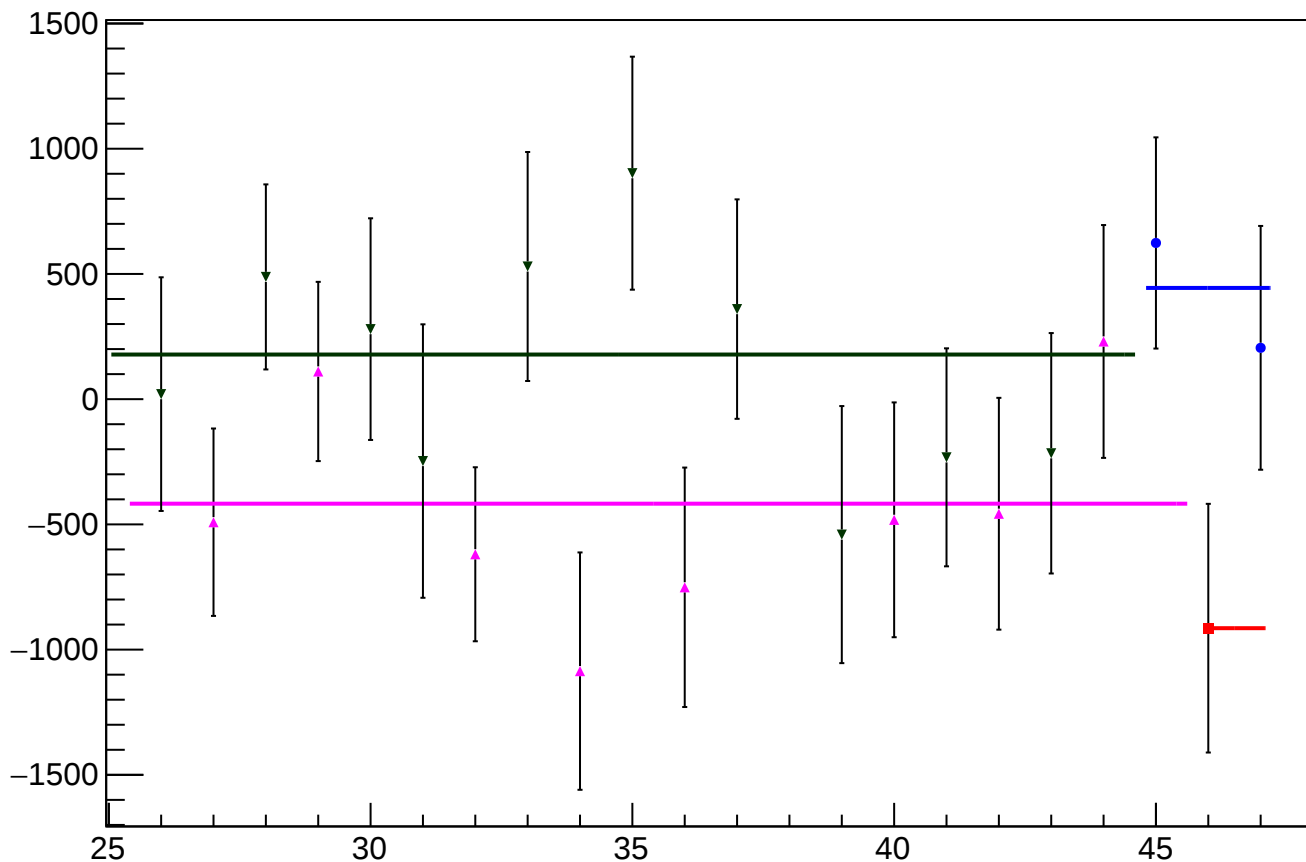
Right Out: 494.669+/-0.537 χ^2/NDF : 0.0/0

Left In: 768.326+/-0.247 χ^2/NDF :182845.3/7

707.258+/-0.209 χ^2/NDF : 782179.4/11

720.623+/-0.224 χ^2/NDF : 397509.1/8

reg_asym_atl_dd_mean vs slug



Right In: 444.178+/-318.681 χ^2/NDF : 0.4/1

Left Out: 178.217+/-143.718 χ^2/NDF : 8.2/9

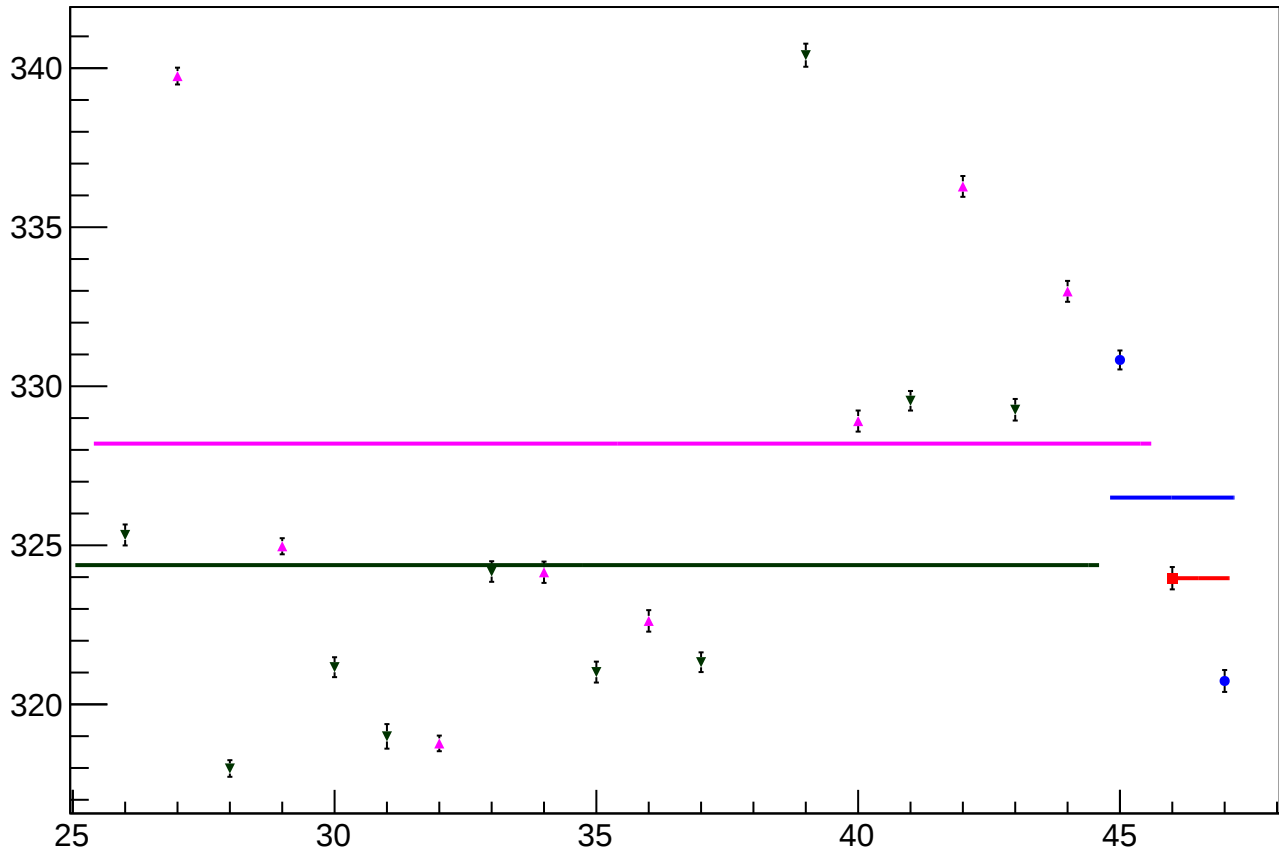
Right Out: -914.415+/-496.493 χ^2/NDF : 0.0/0

Left In: -417.319+/-147.577 χ^2/NDF : 7.0/7

223.166+/-131.011 χ^2/NDF : 9.2/11

-457.673+/-141.460 χ^2/NDF : 7.9/8

reg_asym_atl_dd_rms vs slug



Right In: 326.500 ± 0.225 χ^2/NDF : 491.2/1

Left Out: 324.377 ± 0.102 χ^2/NDF : 3549.0/9

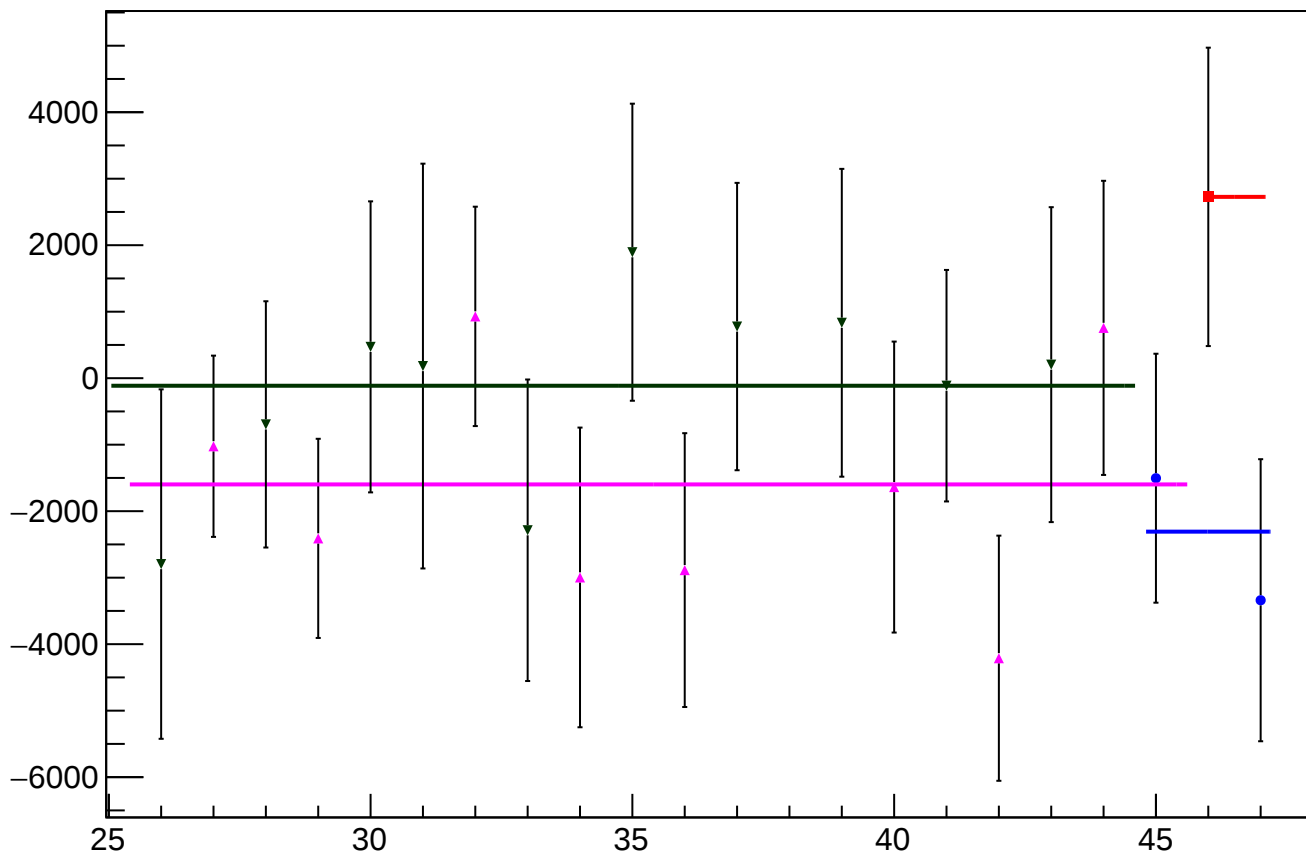
Right Out: 323.966 ± 0.351 χ^2/NDF : 0.0/0

Left In: 328.197 ± 0.104 χ^2/NDF : 4786.7/7

324.736 ± 0.093 χ^2/NDF : 4113.9/11

327.854 ± 0.100 χ^2/NDF : 4920.1/8

asym_atl_dd_correction_mean vs slug



Right In: -2307.846+/-1403.480 χ^2/NDF : 0.4/1

Left Out: -113.667+/-697.189 χ^2/NDF : 3.3/9

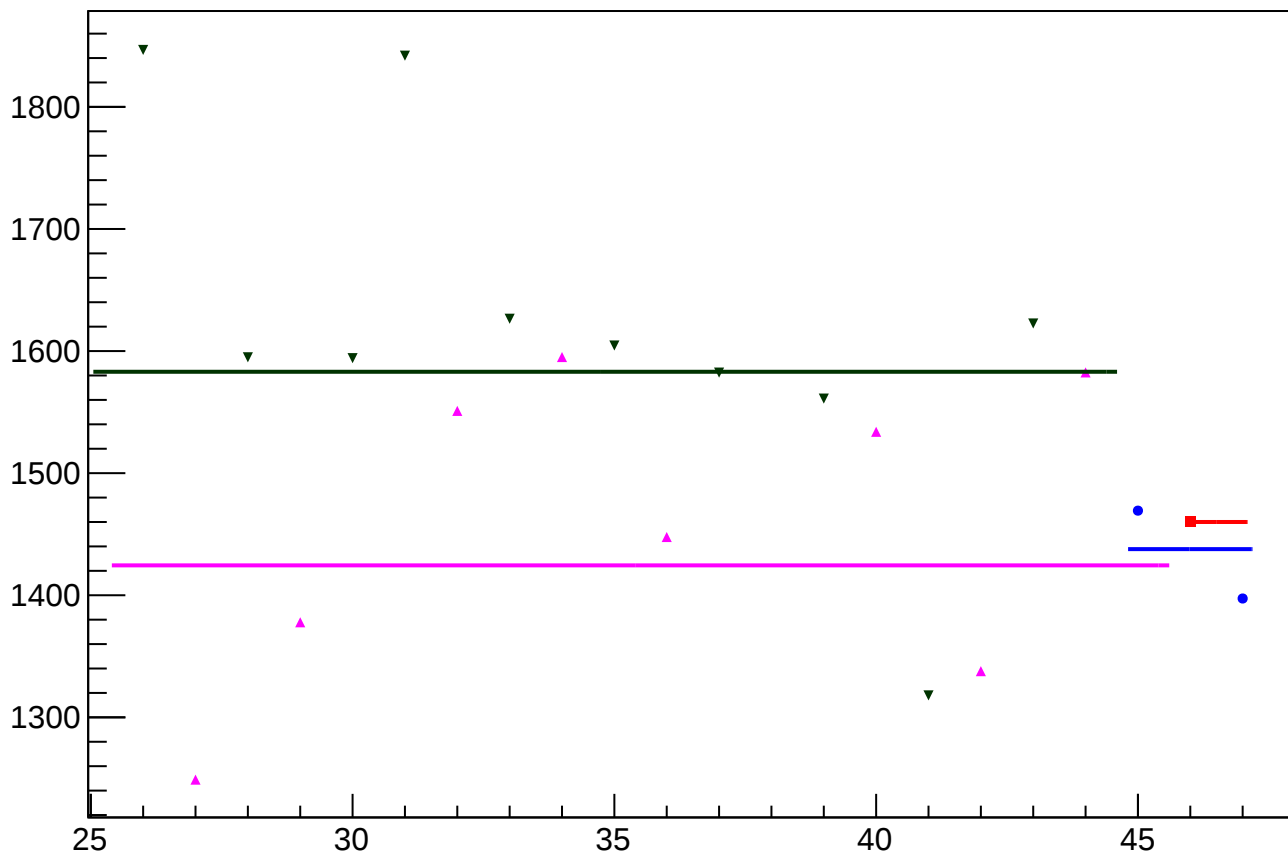
Right Out: 2726.765+/-2243.782 χ^2/NDF : 0.0/0

Left In: -1597.547+/-633.459 χ^2/NDF : 6.7/7

-547.952+/-624.392 χ^2/NDF : 5.7/11

-1278.328+/-609.630 χ^2/NDF : 10.2/8

asym_atl_dd_correction_rms vs slug



Right In: 1437.785+/-0.992 χ^2/NDF : 1294.2/1

Left Out: 1583.049+/-0.493 χ^2/NDF : 82755.6/9

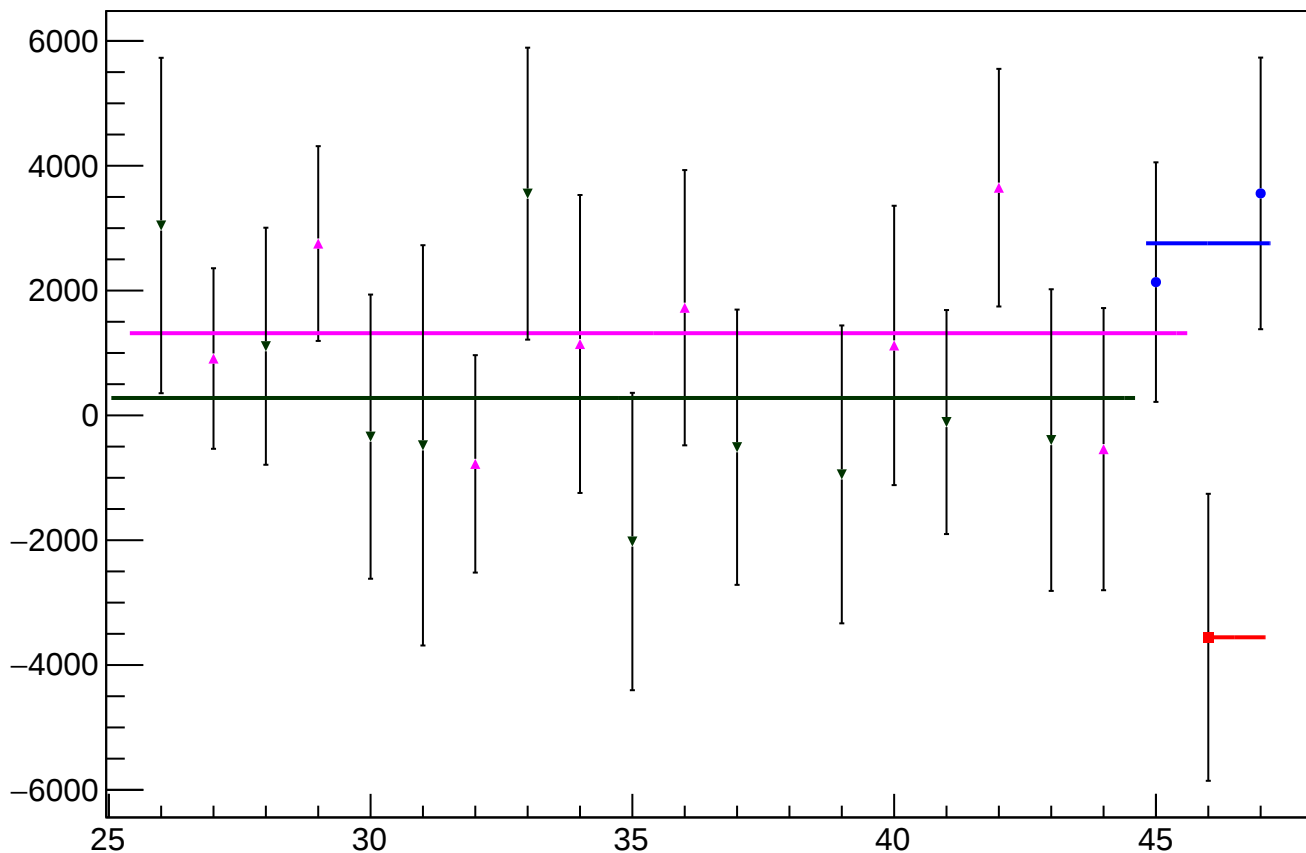
Right Out: 1460.010+/-1.587 χ^2/NDF : 0.0/0

Left In: 1424.479+/-0.448 χ^2/NDF : 78214.9/7

1554.297+/-0.442 χ^2/NDF : 101234.8/11

1427.102+/-0.431 χ^2/NDF : 78679.4/8

asym_atl_dd_mean vs slug



Right In: 2757.370+/-1439.394 χ^2/NDF : 0.2/1

Left Out: 278.907+/-720.229 χ^2/NDF : 4.8/9

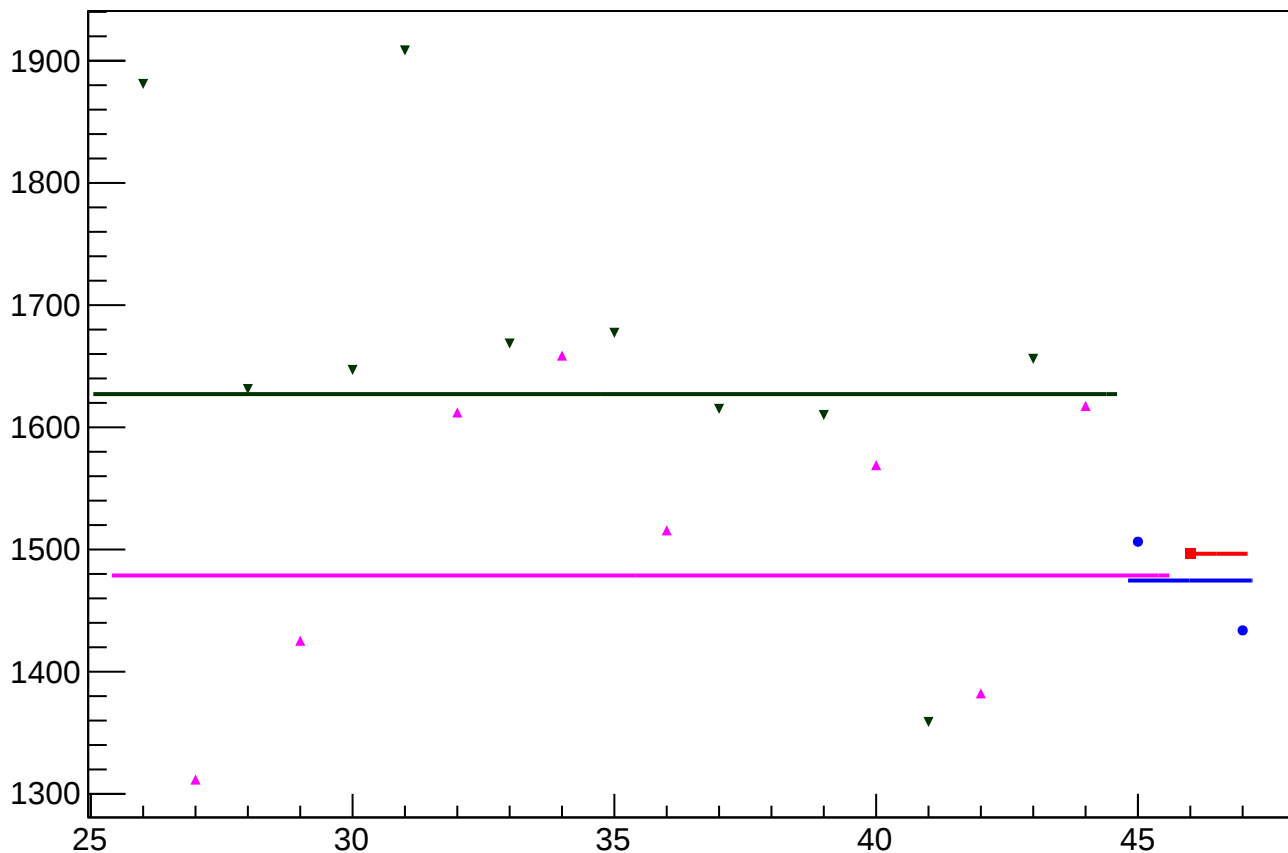
Right Out: -3555.605+/-2299.231 χ^2/NDF : 0.0/0

Left In: 1317.055+/-663.629 χ^2/NDF : 4.6/7

775.186+/-644.097 χ^2/NDF : 7.4/11

942.341+/-637.601 χ^2/NDF : 8.7/8

asym_atl_dd_rms vs slug



Right In: 1474.630+/-1.018 χ^2/NDF : 1251.9/1

Left Out: 1627.194+/-0.509 χ^2/NDF : 80064.9/9

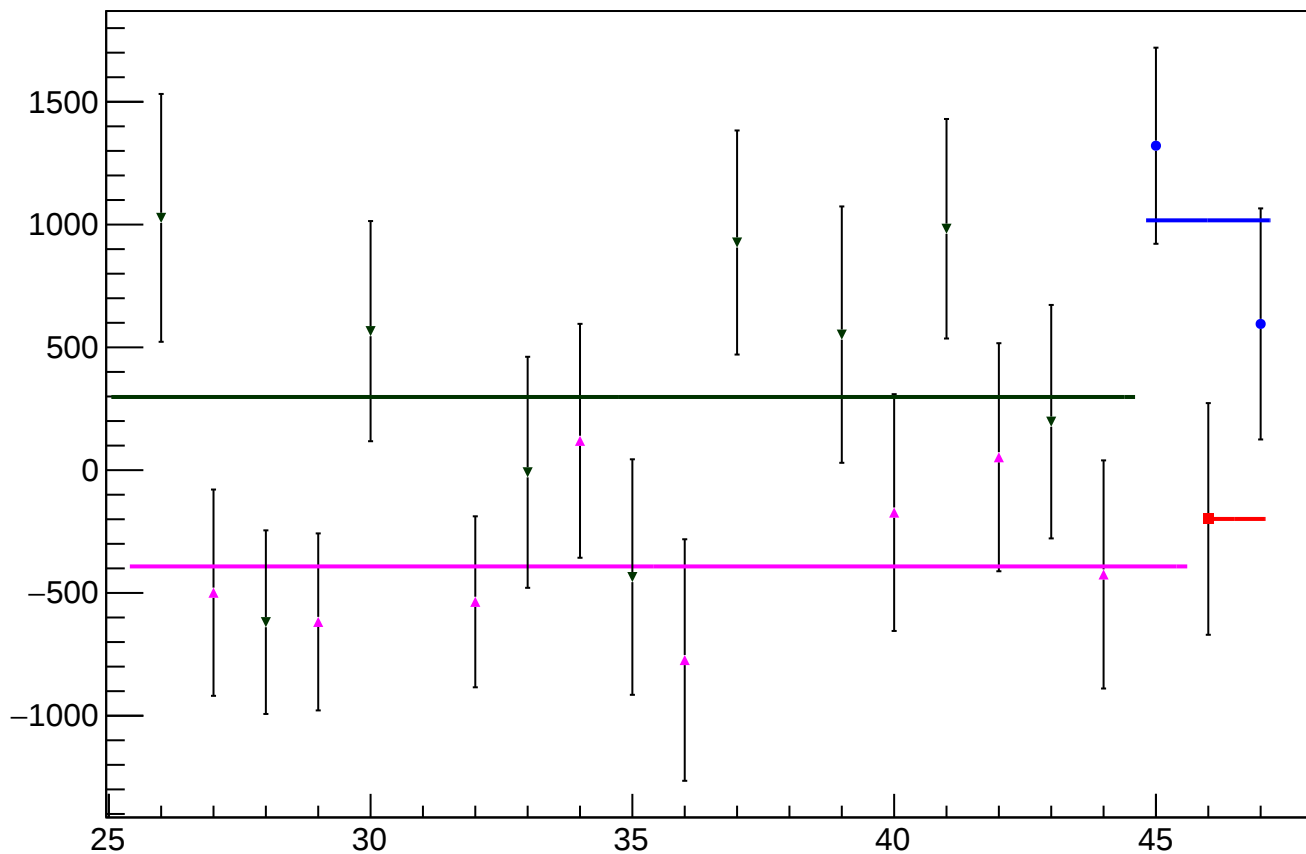
Right Out: 1496.537+/-1.626 χ^2/NDF : 0.0/0

Left In: 1478.747+/-0.469 χ^2/NDF : 68597.0/7

1596.645+/-0.455 χ^2/NDF : 99286.3/11

1480.115+/-0.451 χ^2/NDF : 68707.6/8

reg_asym_atr_avg_mean vs slug



Right In: 1017.240+/-304.433 χ^2/NDF : 1.4/1

Left Out: 297.955+/-152.800 χ^2/NDF : 15.8/8

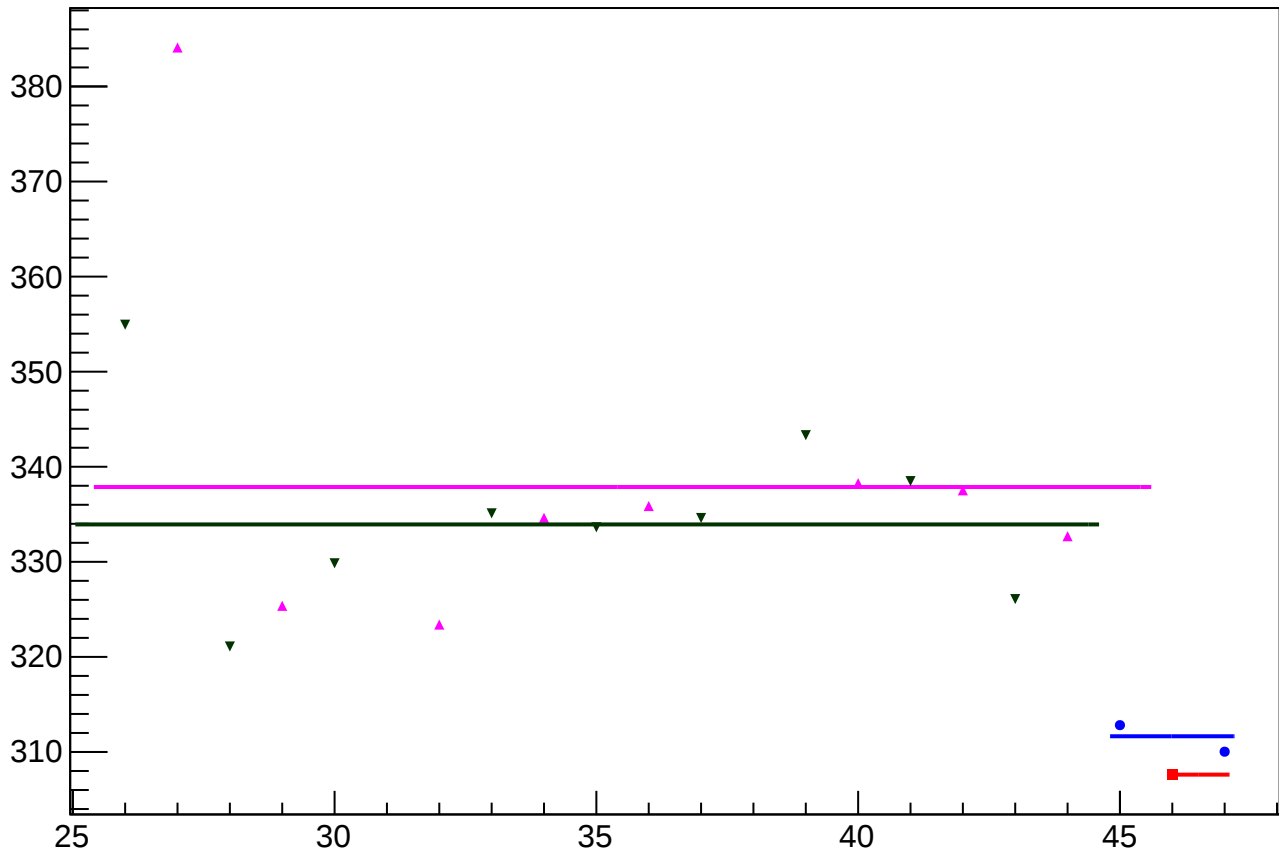
Right Out: -198.680+/-471.714 χ^2/NDF : 0.0/0

Left In: -392.029+/-151.208 χ^2/NDF : 3.5/7

442.695+/-136.564 χ^2/NDF : 21.6/10

-374.013+/-143.991 χ^2/NDF : 3.7/8

reg_asym_atr_avg_rms vs slug



Right In: 311.653 ± 0.215 χ^2/NDF : 40.9/1

Left Out: 333.934 ± 0.108 χ^2/NDF : 7408.6/8

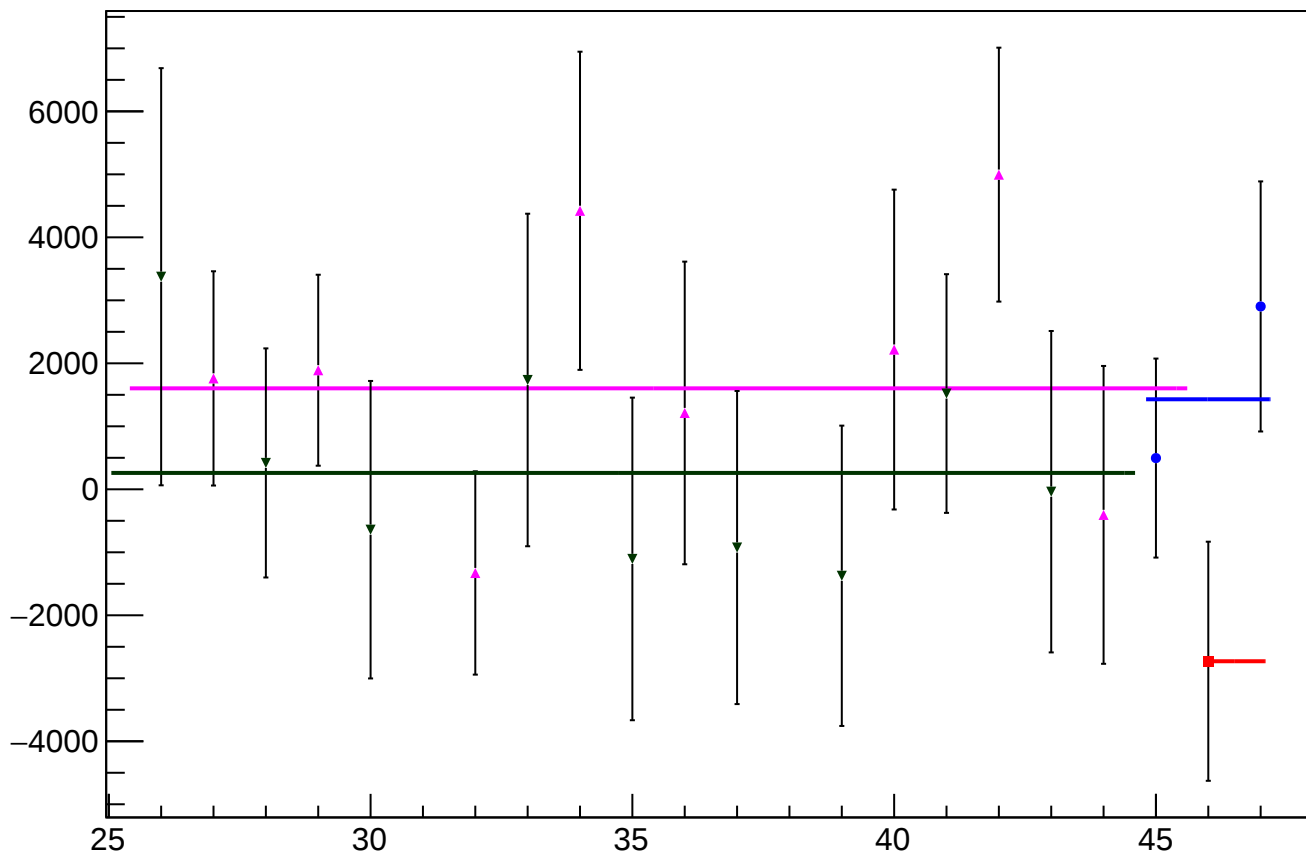
Right Out: 307.618 ± 0.334 χ^2/NDF : 0.0/0

Left In: 337.870 ± 0.107 χ^2/NDF : 30461.2/7

329.450 ± 0.097 χ^2/NDF : 16006.8/10

335.052 ± 0.102 χ^2/NDF : 37920.9/8

asym_atr_avg_correction_mean vs slug



Right In: 1429.086+/-1236.035 χ^2/NDF : 0.9/1

Left Out: 260.094+/-781.083 χ^2/NDF : 2.8/8

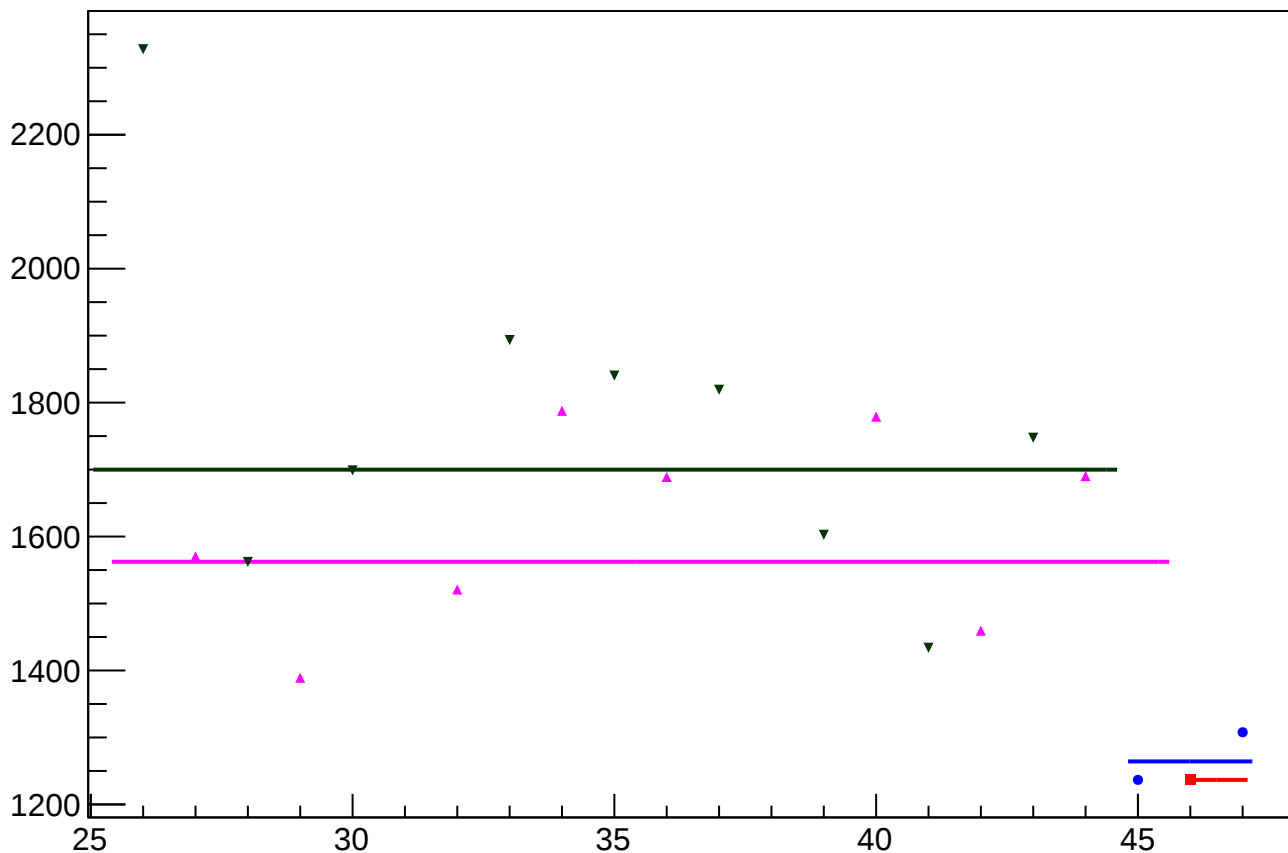
Right Out: -2729.580+/-1897.899 χ^2/NDF : 0.0/0

Left In: 1602.732+/-694.176 χ^2/NDF : 8.2/7

593.693+/-660.294 χ^2/NDF : 4.3/10

1091.540+/-651.936 χ^2/NDF : 12.8/8

asym_atr_avg_correction_rms vs slug



Right In: 1264.233+/-0.874 χ^2/NDF : 1569.8/1

Left Out: 1699.916+/-0.552 χ^2/NDF :148167.9/8

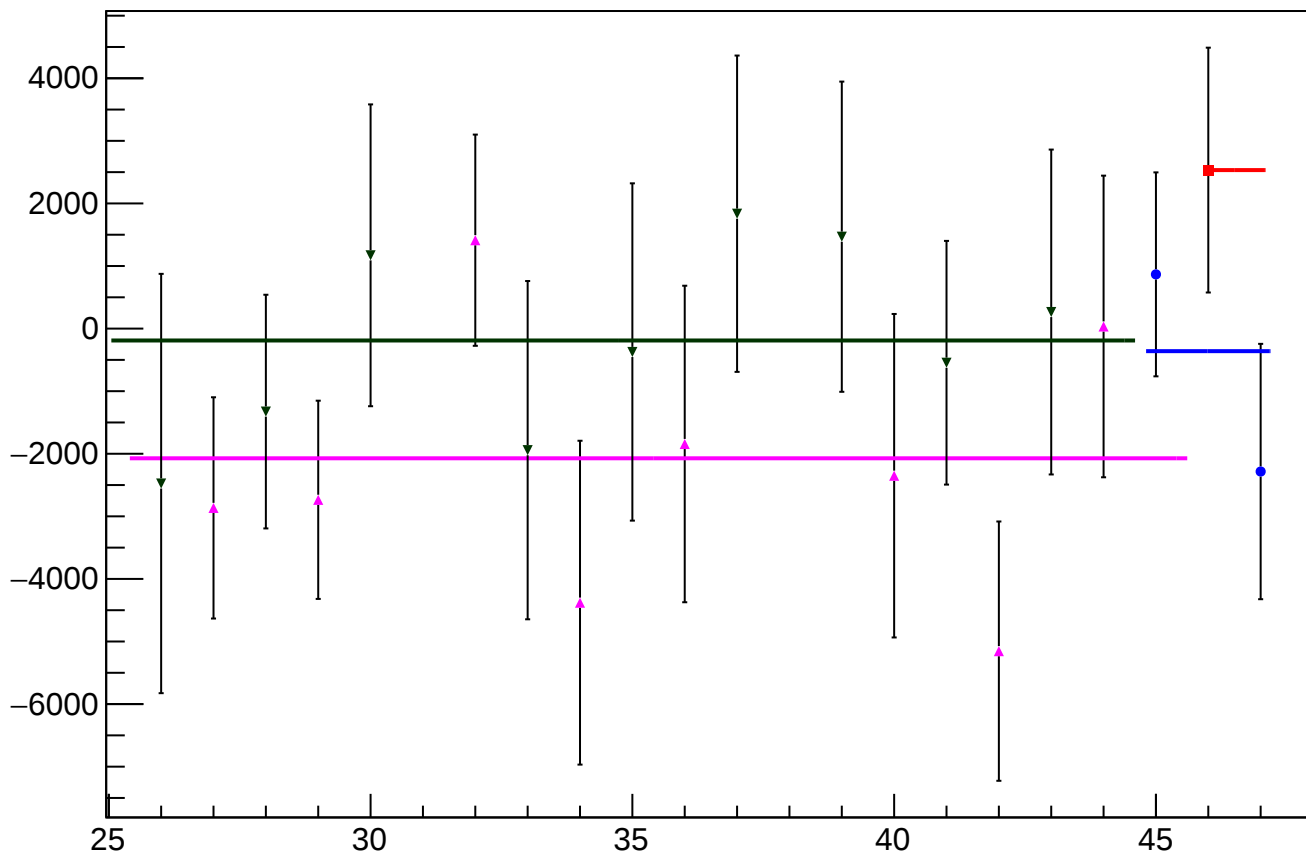
Right Out: 1236.634+/-1.342 χ^2/NDF : 0.0/0

Left In: 1562.377+/-0.491 χ^2/NDF :74597.0/7

1575.584+/-0.467 χ^2/NDF : 327315.3/10

1523.941+/-0.461 χ^2/NDF : 126561.1/8

asym_atr_avg_mean vs slug



Right In: -360.434+/-1273.238 χ^2/NDF : 1.5/1

Left Out: -189.957+/-802.163 χ^2/NDF : 2.7/8

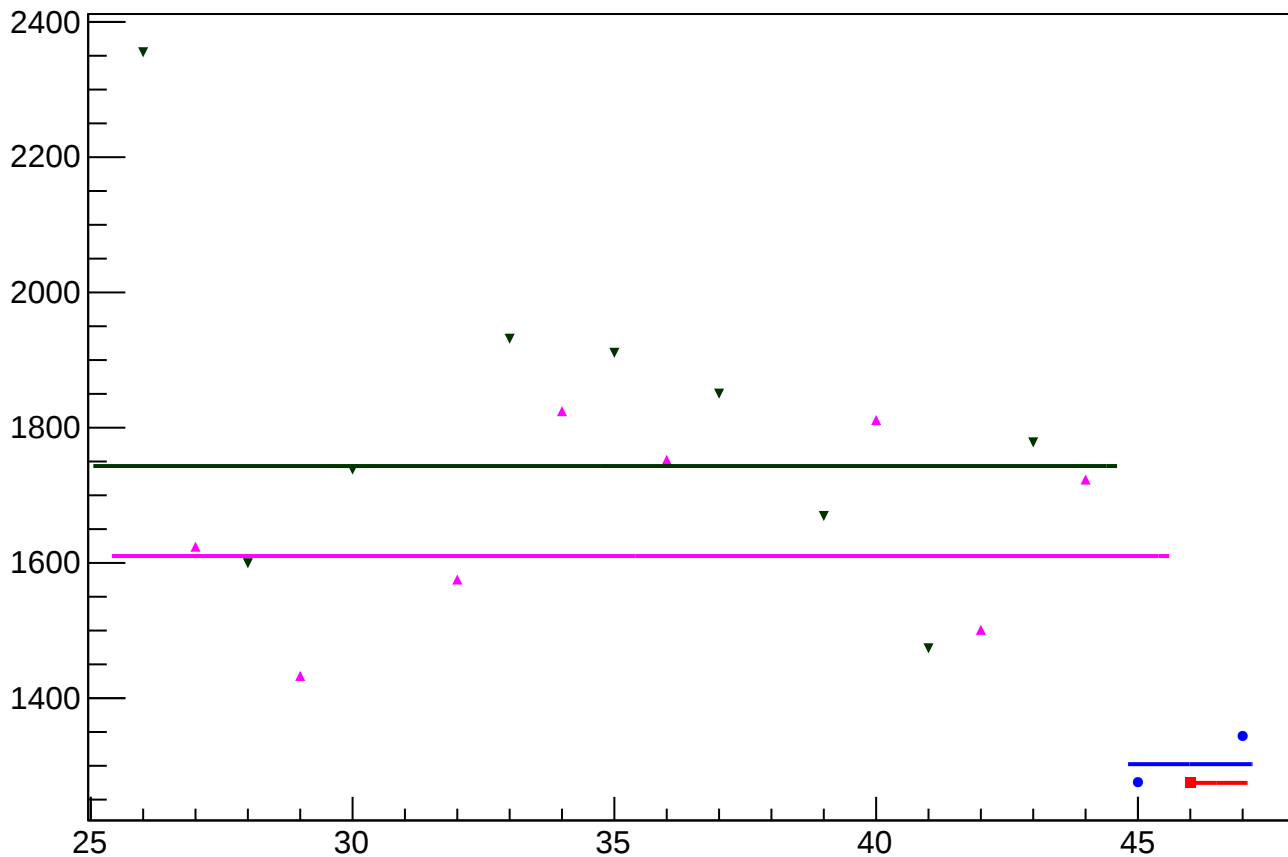
Right Out: 2532.786+/-1956.191 χ^2/NDF : 0.0/0

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

-238.397+/-678.698 χ^2/NDF : 4.2/10

-1523.473+/-675.477 χ^2/NDF : 13.3/8

asym_atr_avg_rms vs slug



Right In: 1302.415+/-0.900 χ^2/NDF : 1369.9/1

Left Out: 1743.280+/-0.567 χ^2/NDF :140061.2/8

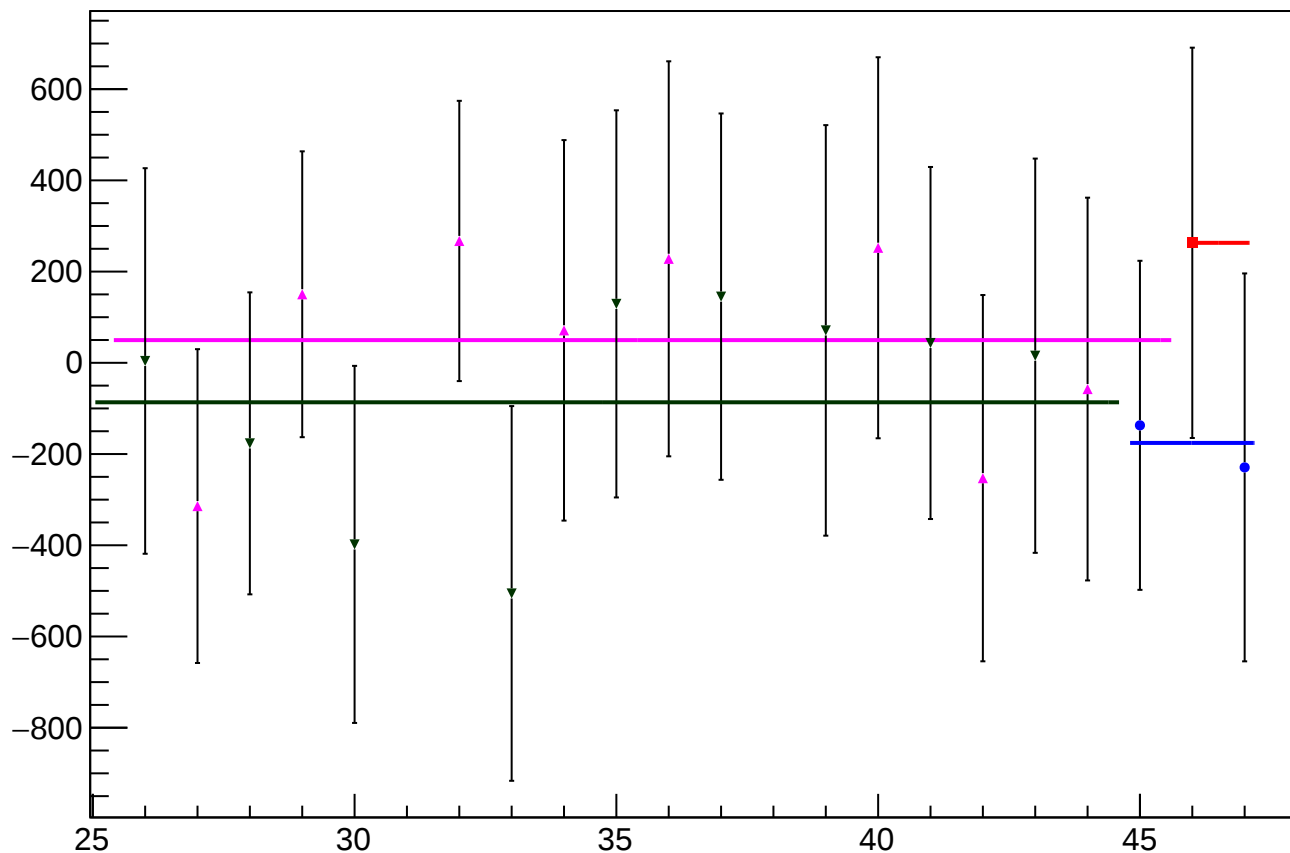
Right Out: 1274.775+/-1.383 χ^2/NDF : 0.0/0

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1618.012+/-0.480 χ^2/NDF : 313083.2/10

1570.204+/-0.478 χ^2/NDF : 119896.7/8

reg_asym_atr_dd_mean vs slug



Right In: -175.628+/-275.067 χ^2/NDF : 0.0/1

Left Out: -86.539+/-133.704 χ^2/NDF : 2.7/8

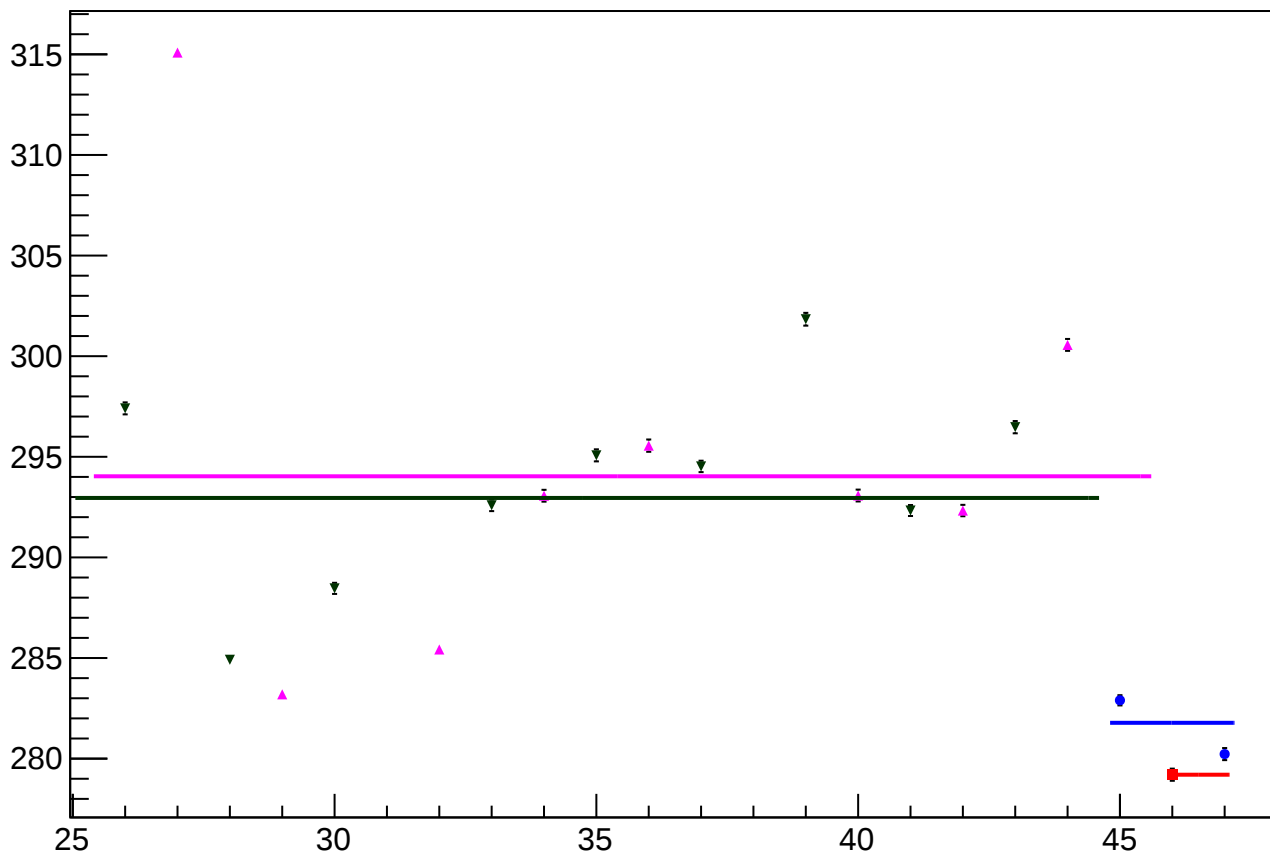
Right Out: 263.041+/-427.864 χ^2/NDF : 0.0/0

Left In: 49.768+/-131.388 χ^2/NDF : 2.8/7

-103.565+/-120.250 χ^2/NDF : 2.8/10

68.146+/-125.599 χ^2/NDF : 3.0/8

reg_asym_atr_dd_rms vs slug



Right In: 281.780 $\pm$ 0.195 χ^2 /NDF: 45.9/1

Left Out: 292.955 $\pm$ 0.095 χ^2 /NDF:2664.1/8

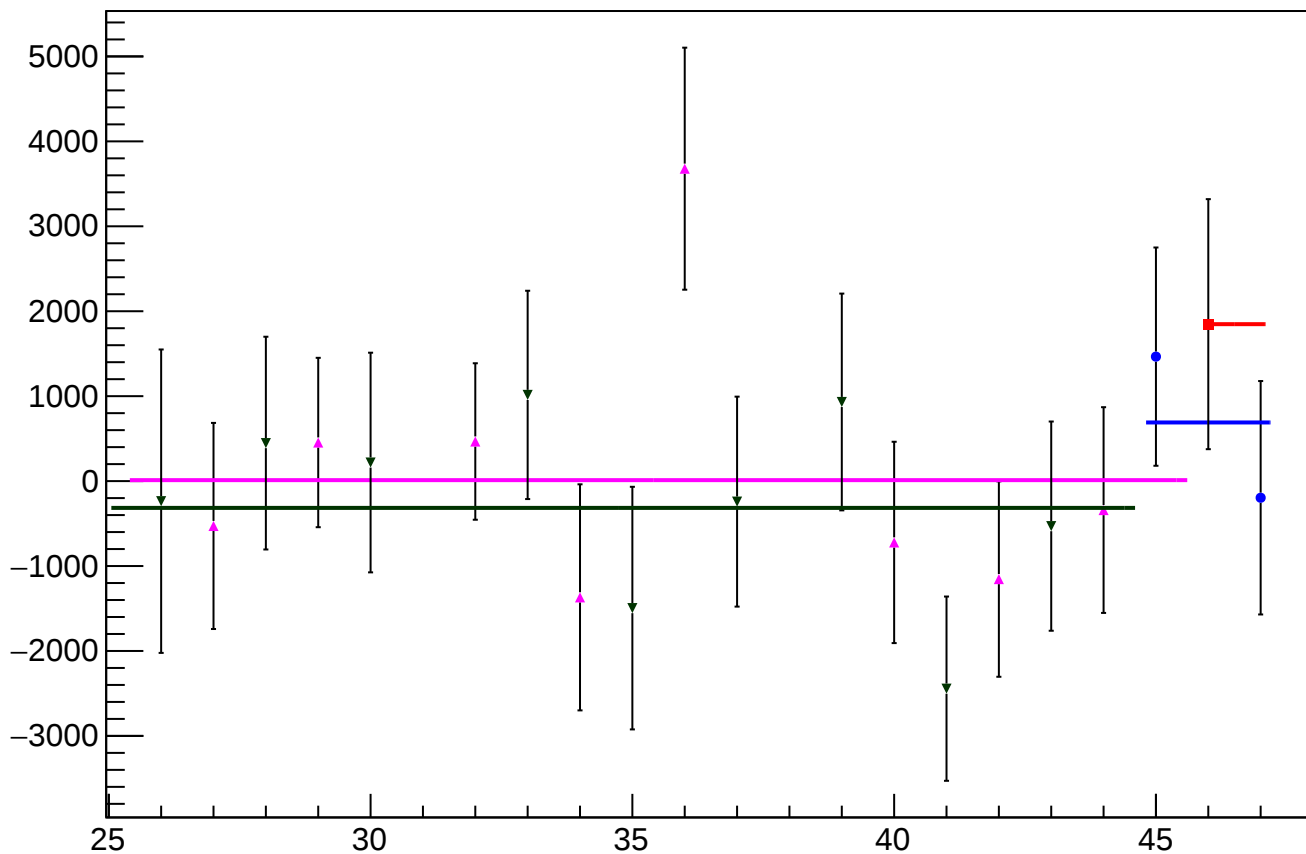
Right Out: 279.201 $\pm$ 0.303 χ^2 /NDF: 0.0/0

Left In: 294.031 $\pm$ 0.093 χ^2 /NDF:12021.3/7

290.819 $\pm$ 0.085 χ^2 /NDF: 5380.0/10

292.753 $\pm$ 0.089 χ^2 /NDF: 14217.0/8

asym_atr_dd_correction_mean vs slug



Right In: 690.392+/-938.551 χ^2/NDF : 0.8/1

Left Out: -315.415+/-427.109 χ^2/NDF : 7.2/8

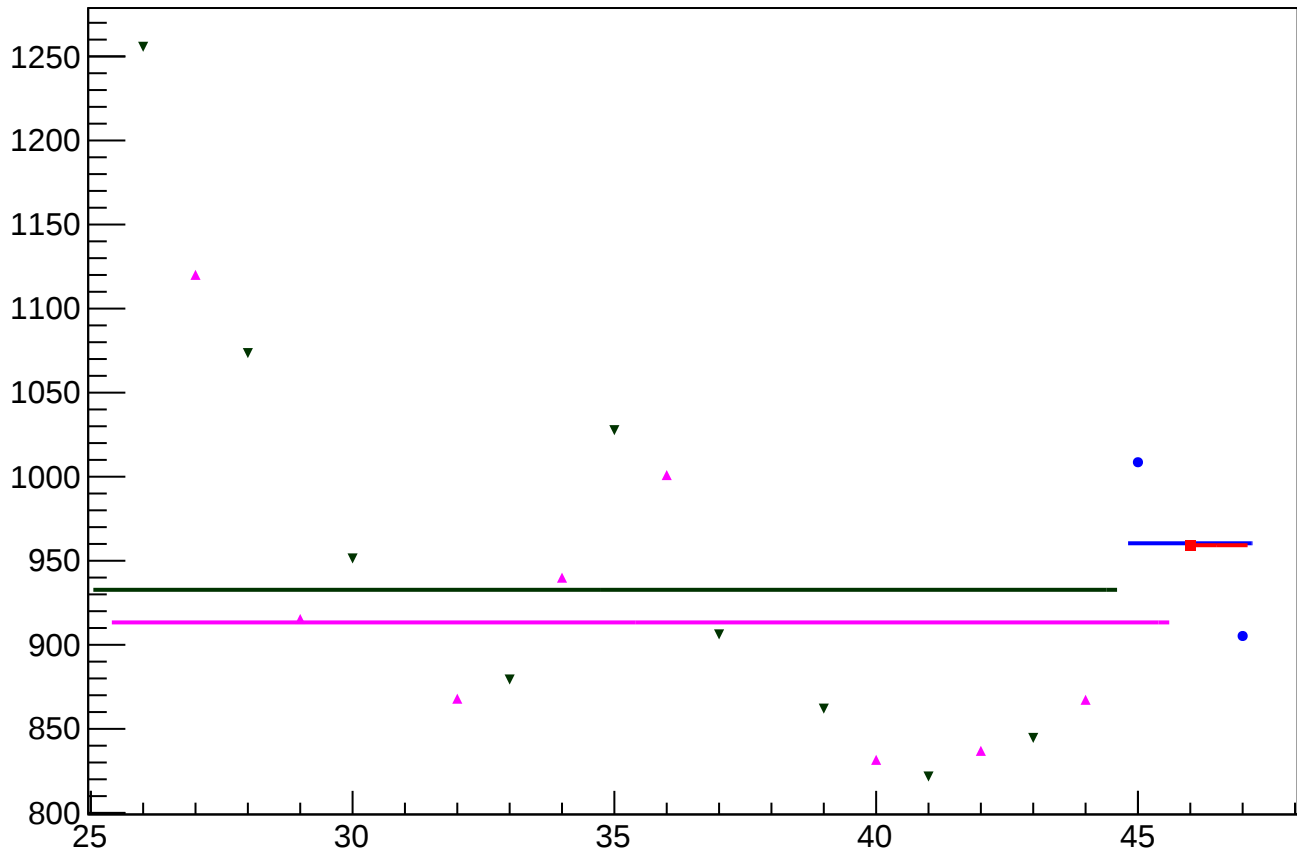
Right Out: 1847.761+/-1471.968 χ^2/NDF : 0.0/0

Left In: 11.284+/-405.892 χ^2/NDF : 9.8/7

-142.857+/-388.749 χ^2/NDF : 9.0/10

141.056+/-391.288 χ^2/NDF : 11.3/8

asym_atr_dd_correction_rms vs slug



Right In: 960.394+/-0.664 χ^2/NDF : 6036.0/1

Left Out: 932.717+/-0.302 χ^2/NDF :141975.4/8

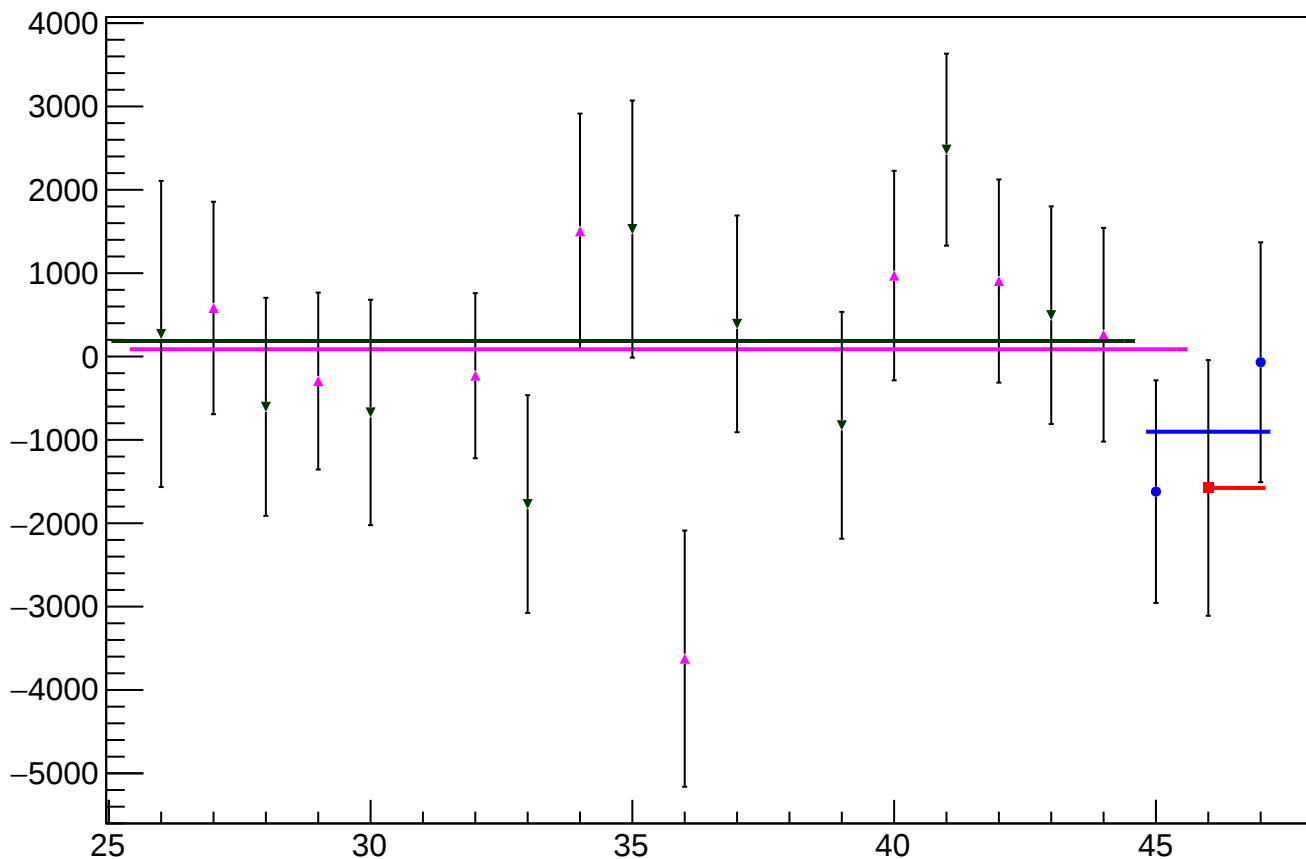
Right Out: 959.243+/-1.041 χ^2/NDF : 0.0/0

Left In: 913.320+/-0.287 χ^2/NDF :92513.4/7

937.466+/-0.275 χ^2/NDF : 149452.2/10

916.565+/-0.277 χ^2/NDF : 94322.5/8

asym_atr_dd_mean vs slug



Right In: -902.178+/-978.652 χ^2/NDF : 0.6/1

Left Out: 186.357+/-451.355 χ^2/NDF :8.4/8

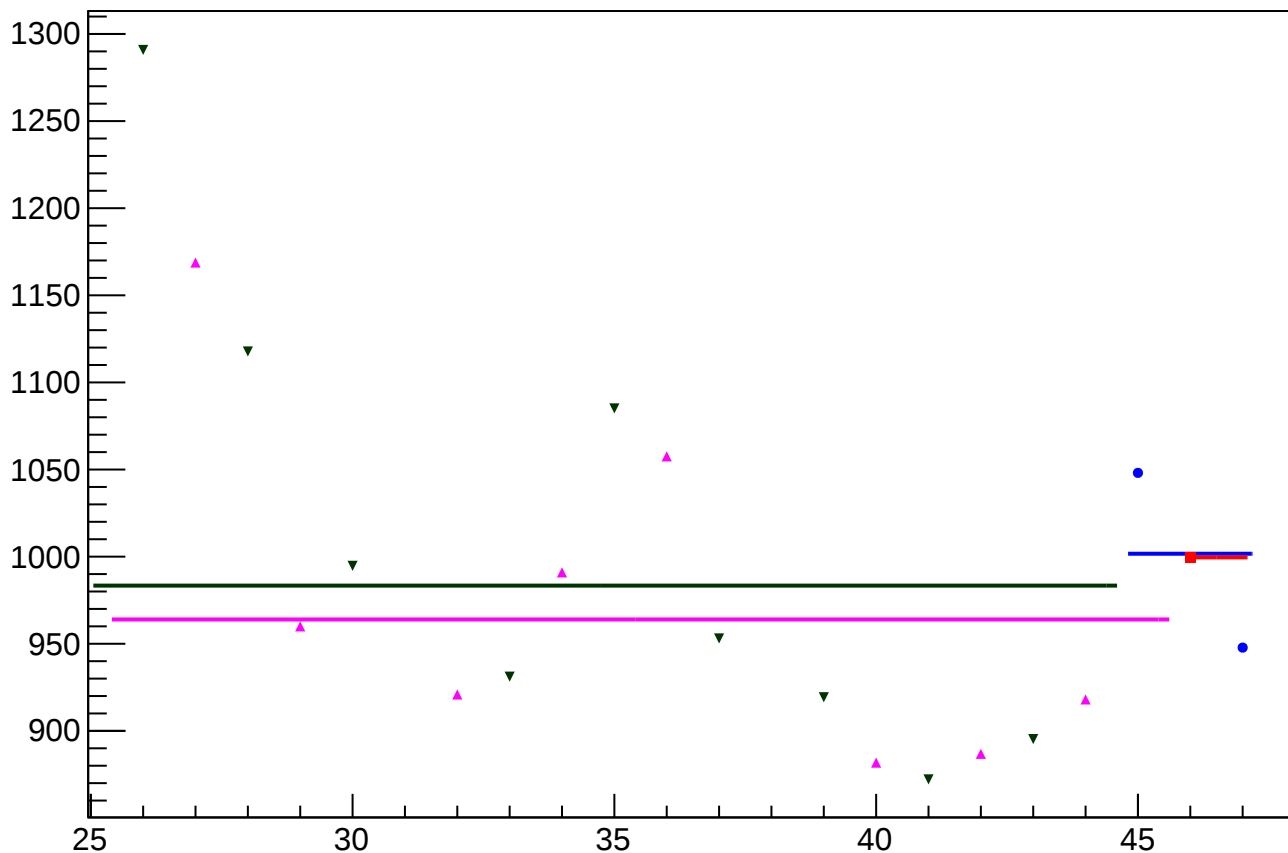
Right Out: -1576.357+/-1533.537 χ^2/NDF : 0.0/0

Left In: 87.303+/-431.781 χ^2/NDF :8.2/7

-4.570+/-409.865 χ^2/NDF : 10.0/10

-34.897+/-415.621 χ^2/NDF : 9.3/8

asym_atr_dd_rms vs slug



Right In: 1001.677+/-0.692 χ^2/NDF : 5223.1/1

Left Out: 983.379+/-0.319 χ^2/NDF :122542.6/8

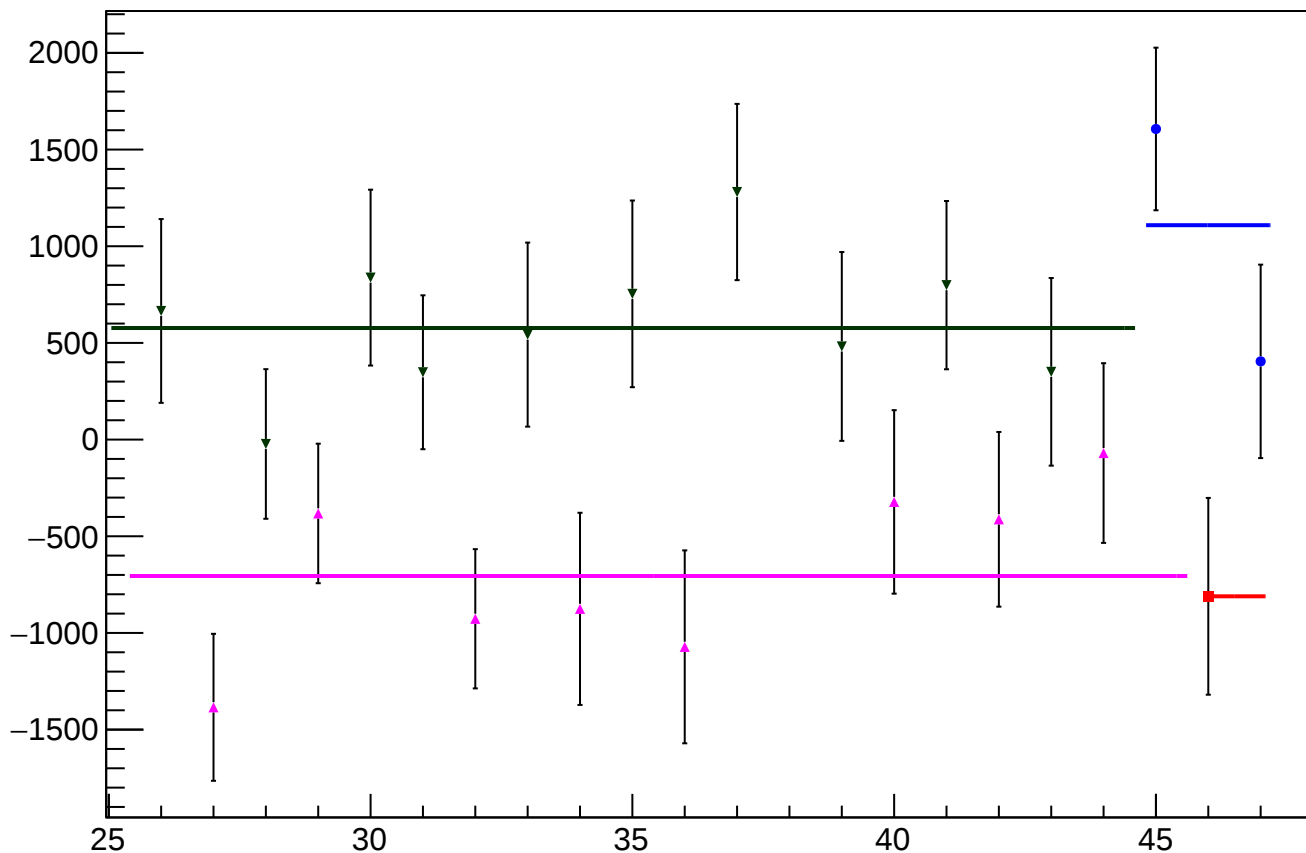
Right Out: 999.574+/-1.084 χ^2/NDF : 0.0/0

Left In: 963.960+/-0.305 χ^2/NDF :82775.1/7

986.588+/-0.290 χ^2/NDF : 128342.2/10

966.576+/-0.294 χ^2/NDF : 83774.6/8

reg_asym_at1_avg_mean vs slug



Right In: 1108.835 $\pm$ 321.864 χ^2 /NDF: 3.4/1

Left Out: 577.064 $\pm$ 142.141 χ^2 /NDF: 6.1/9

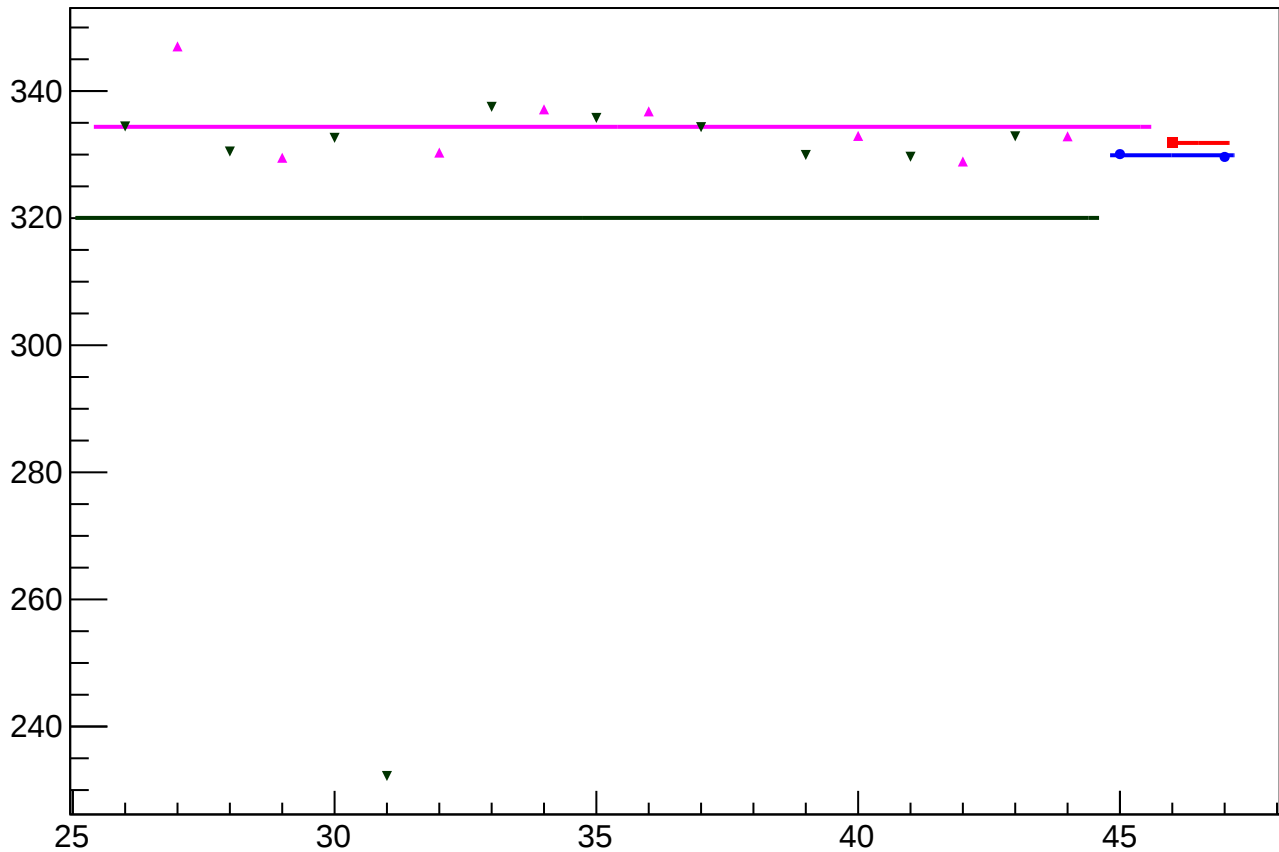
Right Out: -810.558 $\pm$ 508.868 χ^2 /NDF: 0.0/0

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF: 8.0/7

663.849 $\pm$ 130.026 χ^2 /NDF: 11.8/11

-713.953 $\pm$ 144.013 χ^2 /NDF: 8.0/8

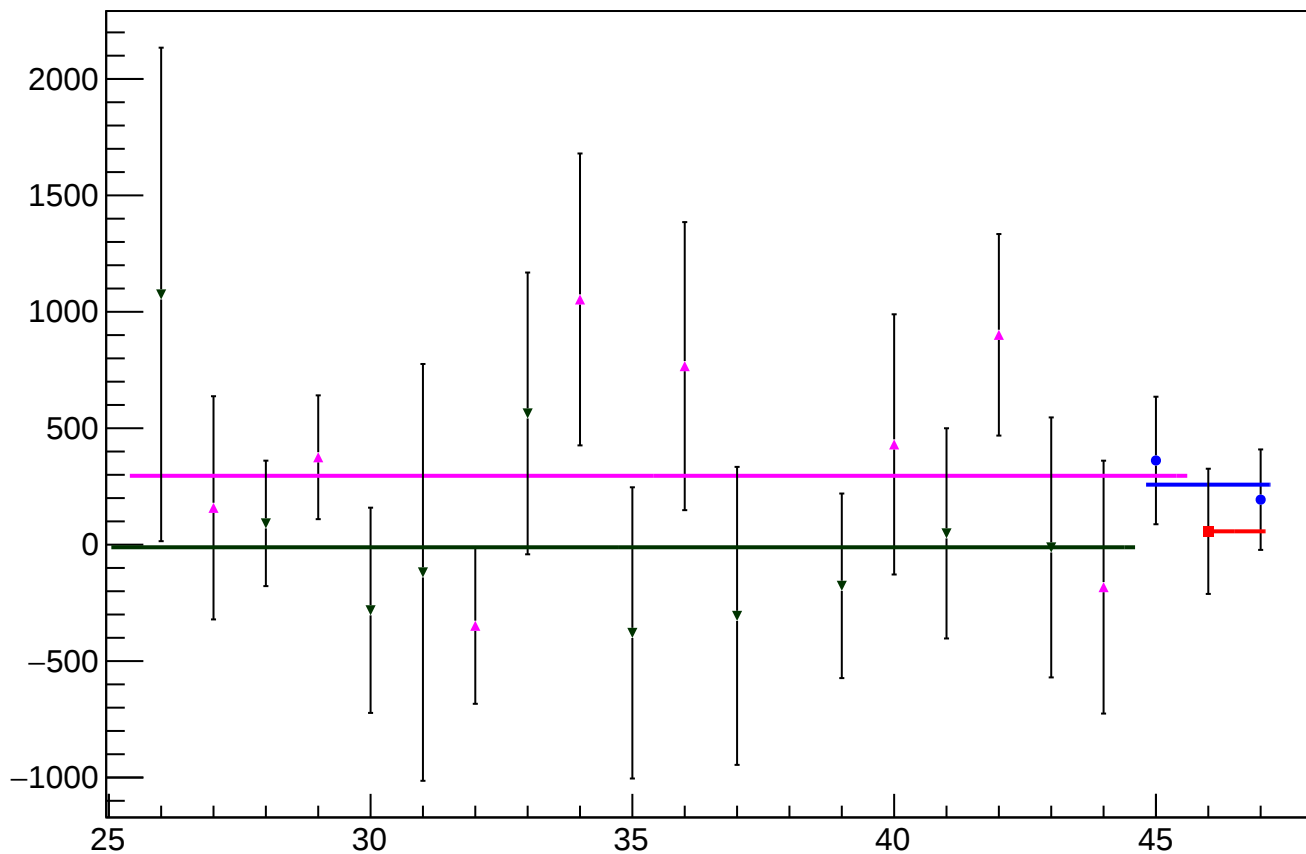
reg_asym_at1_avg_rms vs slug



Right In: 329.894 ± 0.228 χ^2/NDF : 0.9/1
 Left Out: 320.038 ± 0.101 χ^2/NDF : 112209.4/9
 Right Out: 331.835 ± 0.360 χ^2/NDF : 0.0/0
 Left In: 334.371 ± 0.106 χ^2/NDF : 3274.0/7

321.647 ± 0.092 χ^2/NDF : 113779.5/11
 334.168 ± 0.102 χ^2/NDF : 3319.7/8

asym_at1_avg_correction_mean vs slug



Right In: 257.713+/-169.457 χ^2/NDF : 0.2/1

Left Out: -11.187+/-151.999 χ^2/NDF : 3.2/9

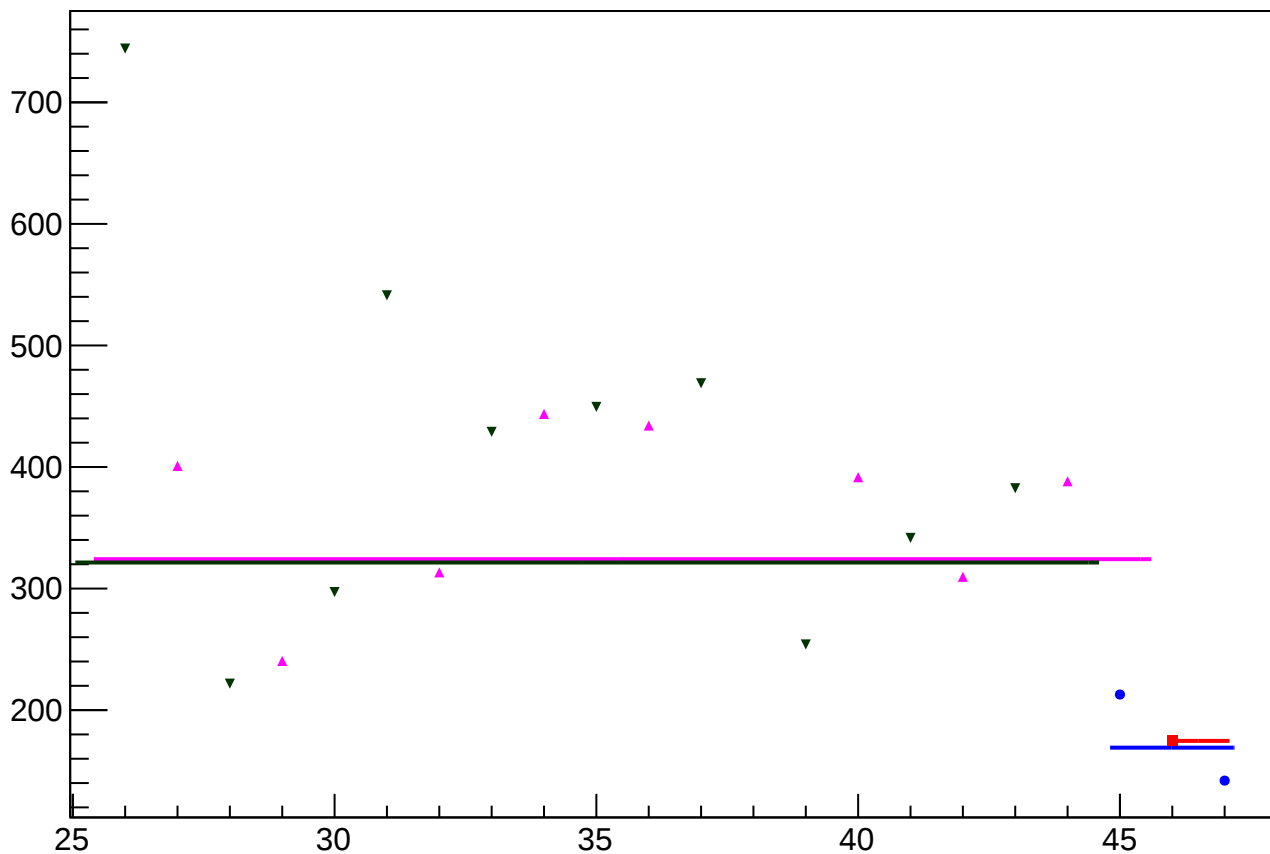
Right Out: 57.282+/-268.835 χ^2/NDF : 0.0/0

Left In: 295.759+/-149.916 χ^2/NDF : 8.7/7

108.703+/-113.150 χ^2/NDF : 4.9/11

239.190+/-130.934 χ^2/NDF : 9.3/8

asym_at1_avg_correction_rms vs slug



Right In: 169.132+/-0.120 χ^2/NDF : 82543.3/1

Left Out: 321.436+/-0.107 χ^2/NDF :1057868.5/9

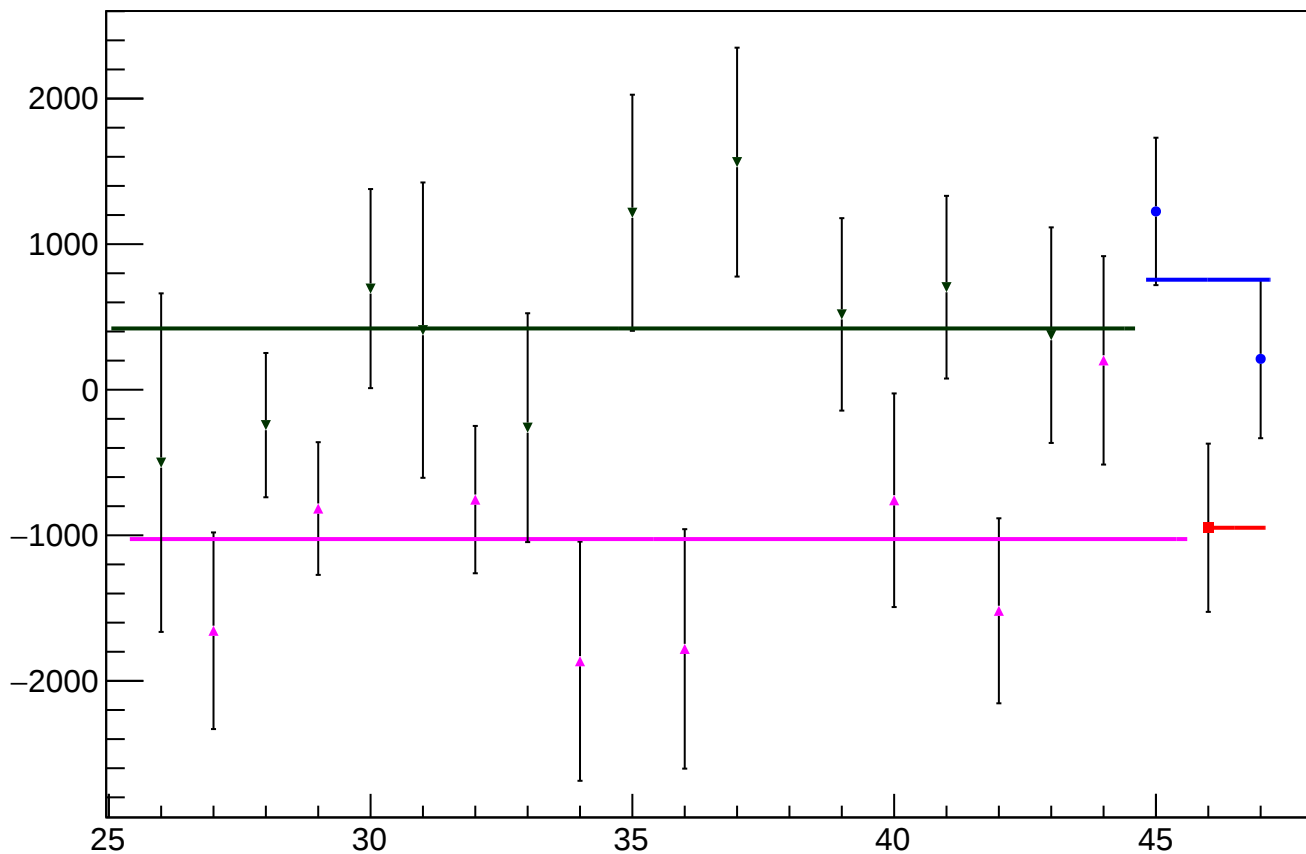
Right Out: 174.687+/-0.190 χ^2/NDF : 0.0/0

Left In: 324.185+/-0.106 χ^2/NDF :446845.3/7

253.531+/-0.080 χ^2/NDF : 2035698.0/11

288.722+/-0.093 χ^2/NDF : 918619.6/8

asym_at1_avg_mean vs slug



Right In: 755.723+/-370.947 χ^2/NDF : 1.9/1

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

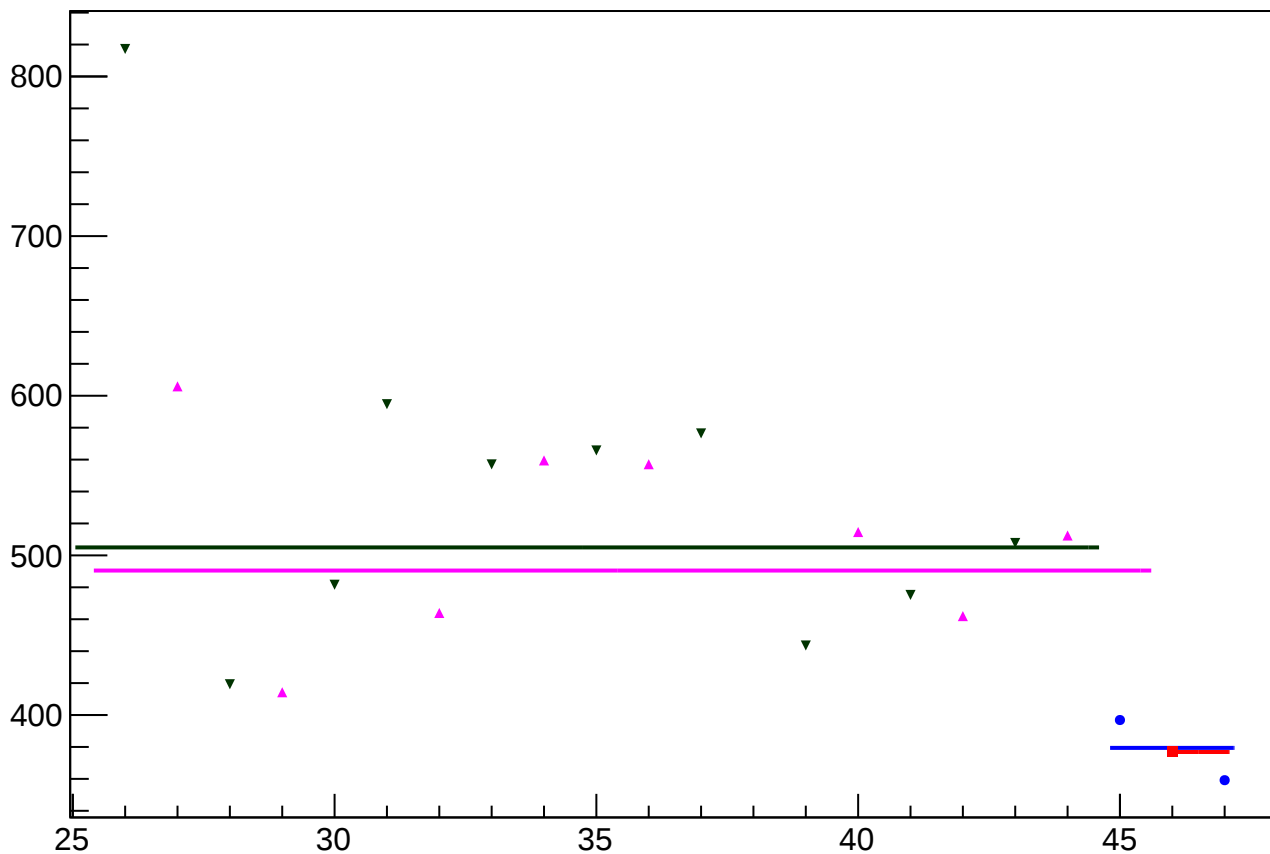
Right Out: -948.187+/-577.814 χ^2/NDF : 0.0/0

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

512.373+/-193.896 χ^2/NDF : 9.1/11

-1015.835+/-207.835 χ^2/NDF : 6.9/8

asym_at1_avg_rms vs slug



Right In: 379.415+/-0.262 χ^2/NDF : 5133.4/1

Left Out: 504.992+/-0.161 χ^2/NDF :280293.6/9

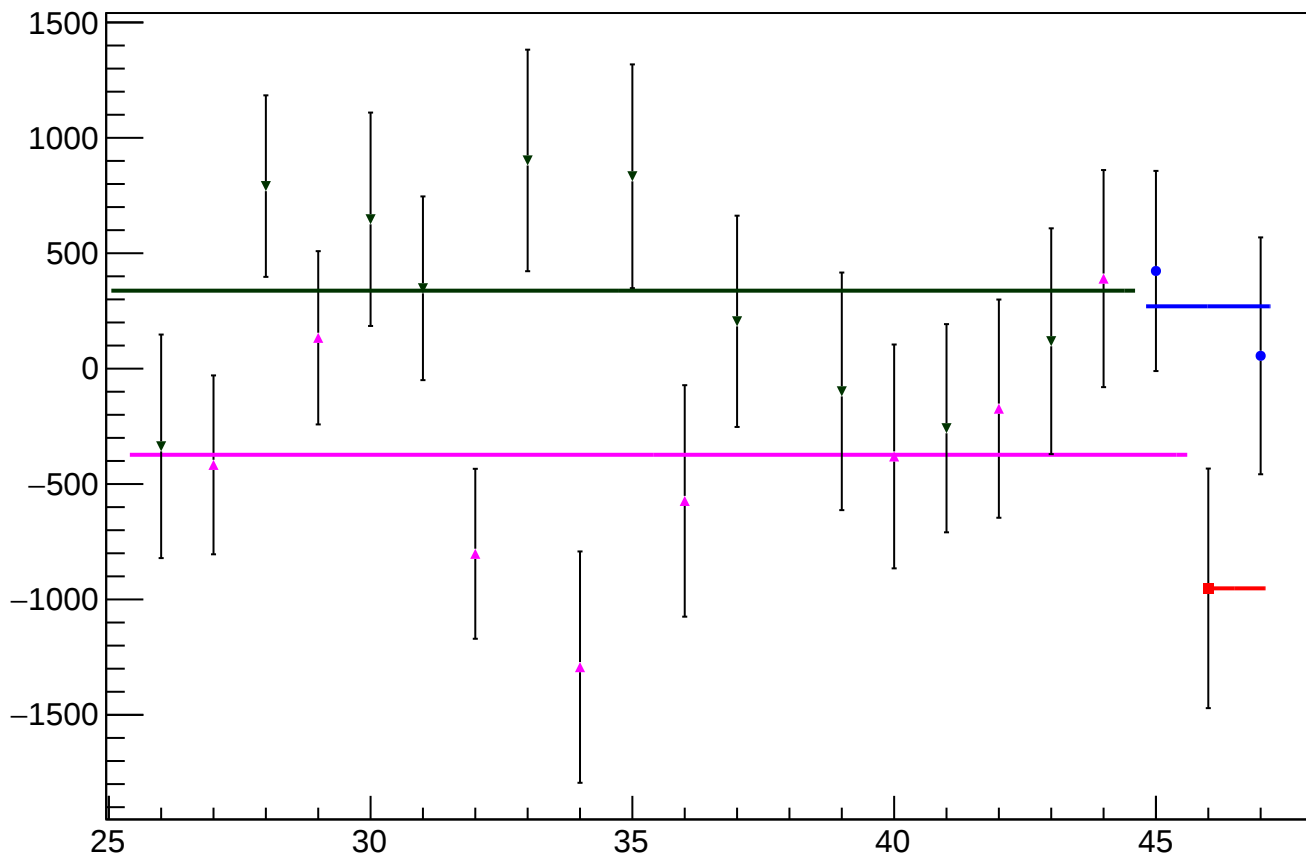
Right Out: 376.842+/-0.409 χ^2/NDF : 0.0/0

Left In: 490.502+/-0.158 χ^2/NDF :155145.4/7

470.681+/-0.137 χ^2/NDF : 452008.8/11

475.797+/-0.147 χ^2/NDF : 222520.1/8

reg_asym_at1_dd_mean vs slug



Right In: 270.016+/-331.189 χ^2/NDF : 0.3/1

Left Out: 337.826+/-144.392 χ^2/NDF : 8.9/9

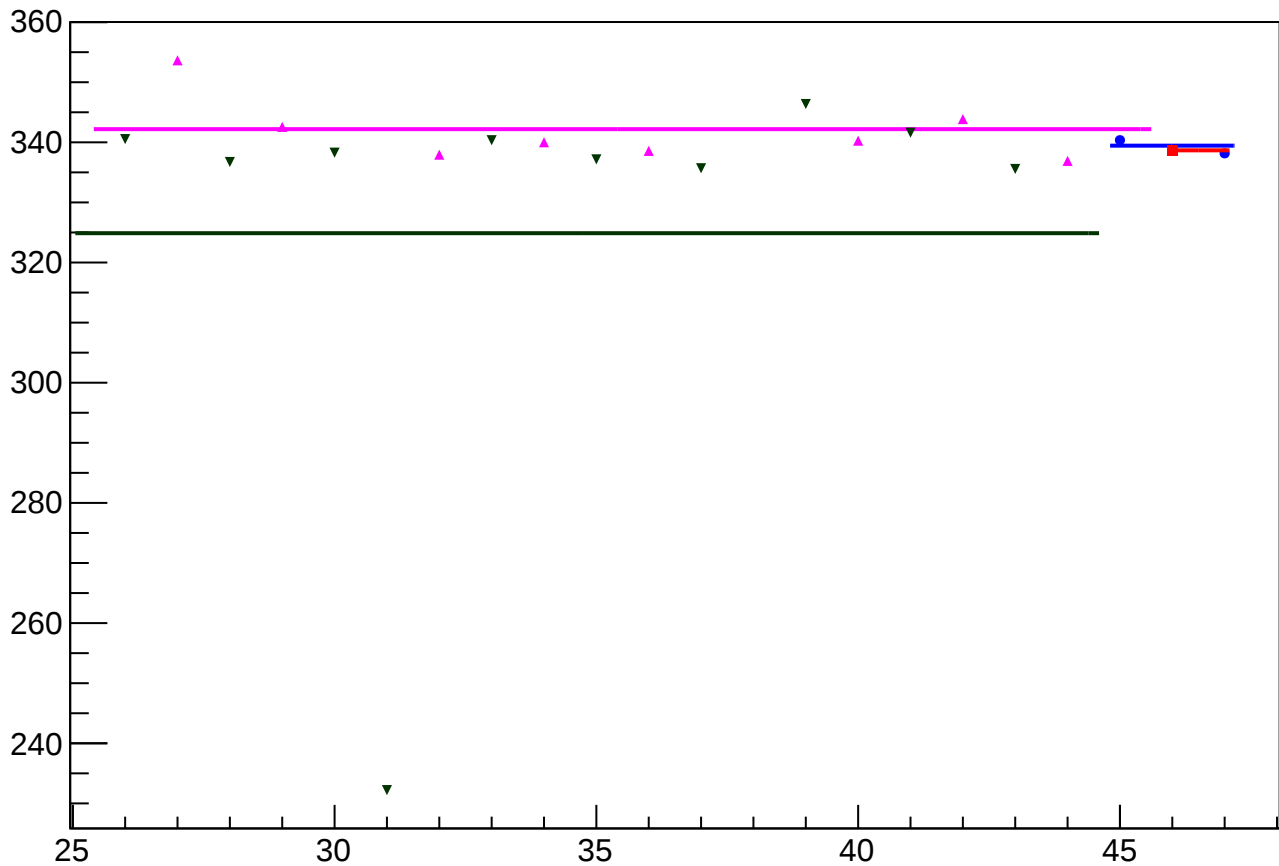
Right Out: -951.934+/-518.985 χ^2/NDF : 0.0/0

Left In: -373.235+/-153.688 χ^2/NDF : 9.5/7

326.996+/-132.359 χ^2/NDF : 9.2/11

-419.892+/-147.362 χ^2/NDF : 10.7/8

reg_asym_at1_dd_rms vs slug



Right In: 339.445 $\pm$ 0.234 χ^2 /NDF: 21.4/1

Left Out: 324.881 $\pm$ 0.102 χ^2 /NDF:125698.7/9

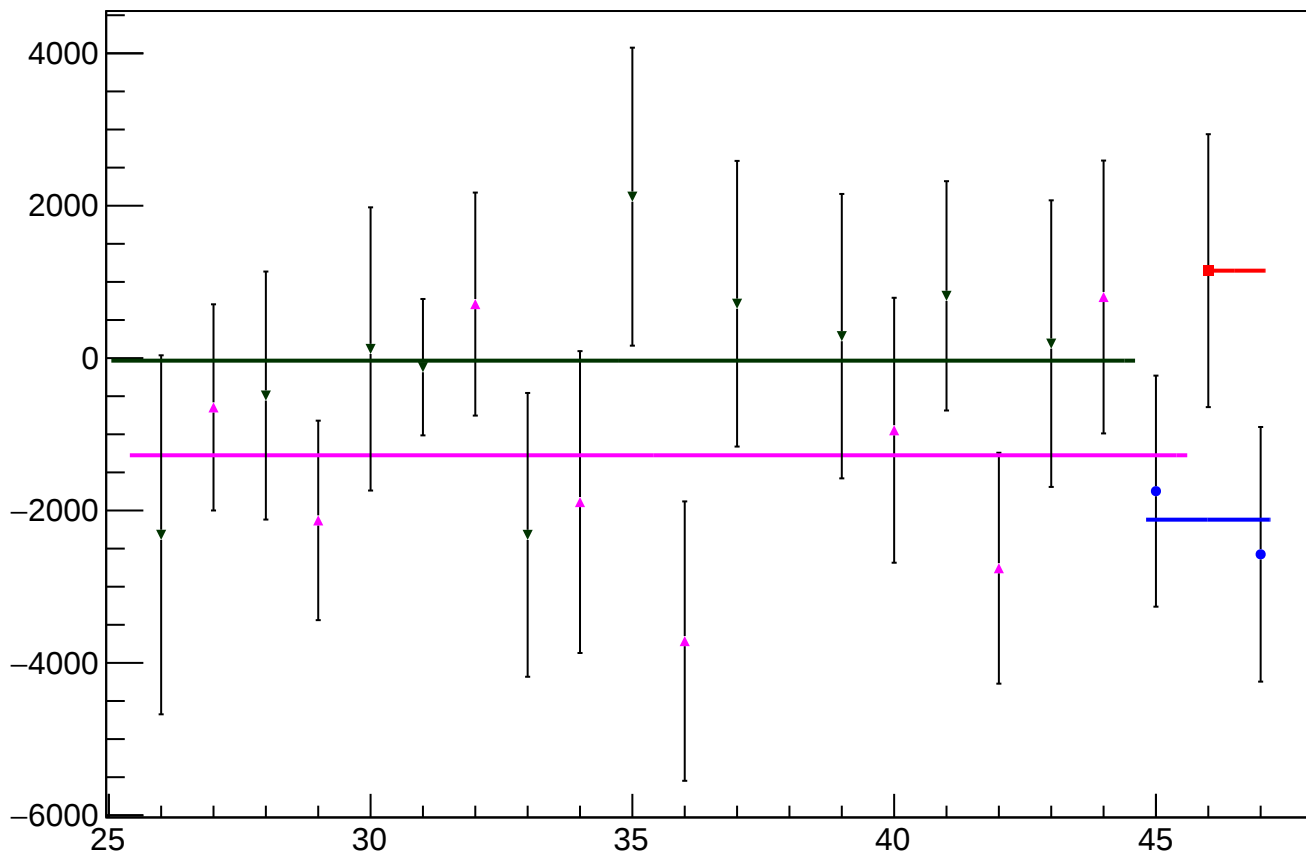
Right Out: 338.667 $\pm$ 0.367 χ^2 /NDF: 0.0/0

Left In: 342.194 $\pm$ 0.109 χ^2 /NDF:2464.7/7

327.207 $\pm$ 0.094 χ^2 /NDF: 128969.9/11

341.909 $\pm$ 0.104 χ^2 /NDF: 2549.6/8

asym_at1_dd_correction_mean vs slug



Right In: -2120.330+/-1122.860 χ^2/NDF : 0.1/1

Left Out: -33.360+/-503.702 χ^2/NDF : 4.3/9

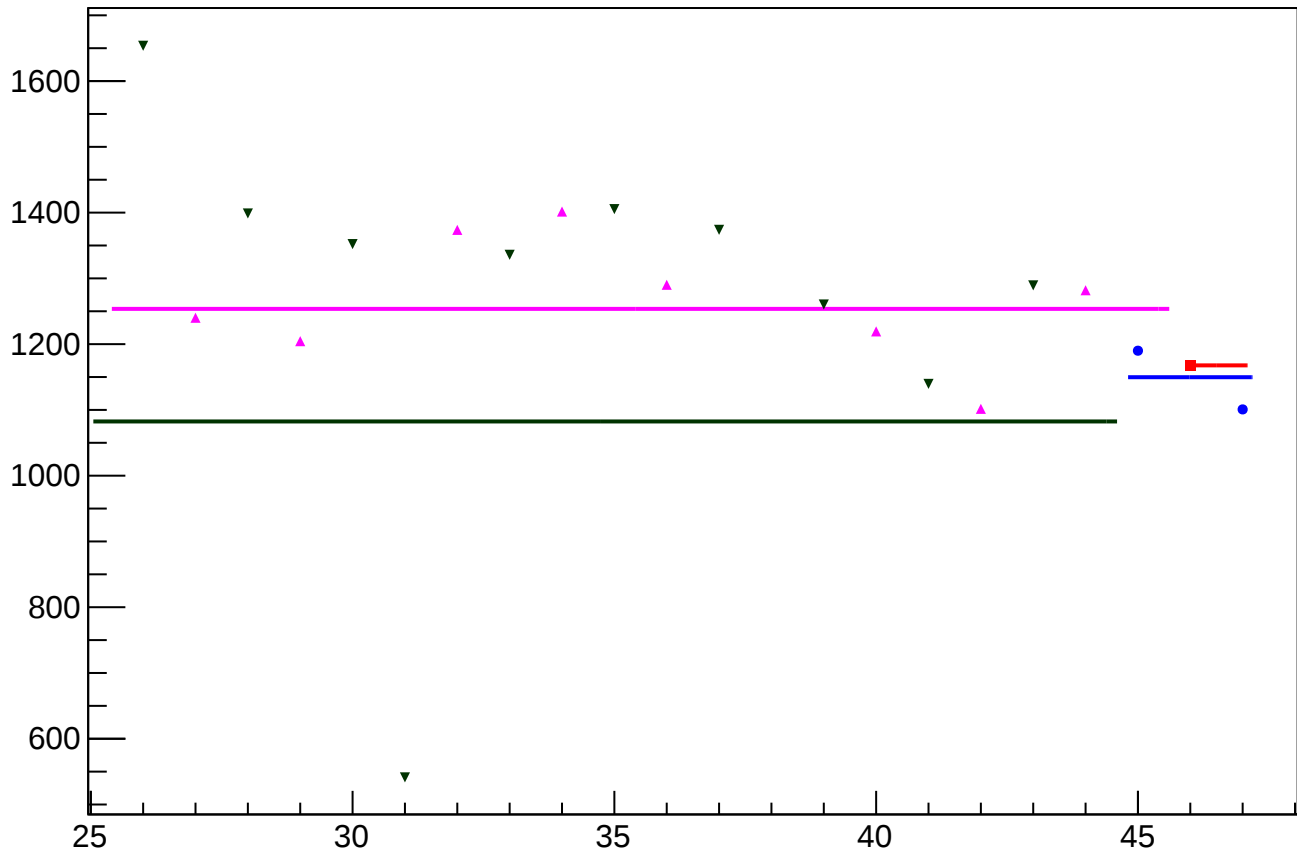
Right Out: 1147.695+/-1790.909 χ^2/NDF : 0.0/0

Left In: -1275.228+/-556.624 χ^2/NDF : 6.7/7

-382.971+/-459.579 χ^2/NDF : 7.3/11

-1061.792+/-531.542 χ^2/NDF : 8.4/8

asym_at1_dd_correction_rms vs slug



Right In: 1149.726+/-0.794 χ^2/NDF : 3129.9/1

Left Out: 1082.447+/-0.356 χ^2/NDF :1151669.7/9

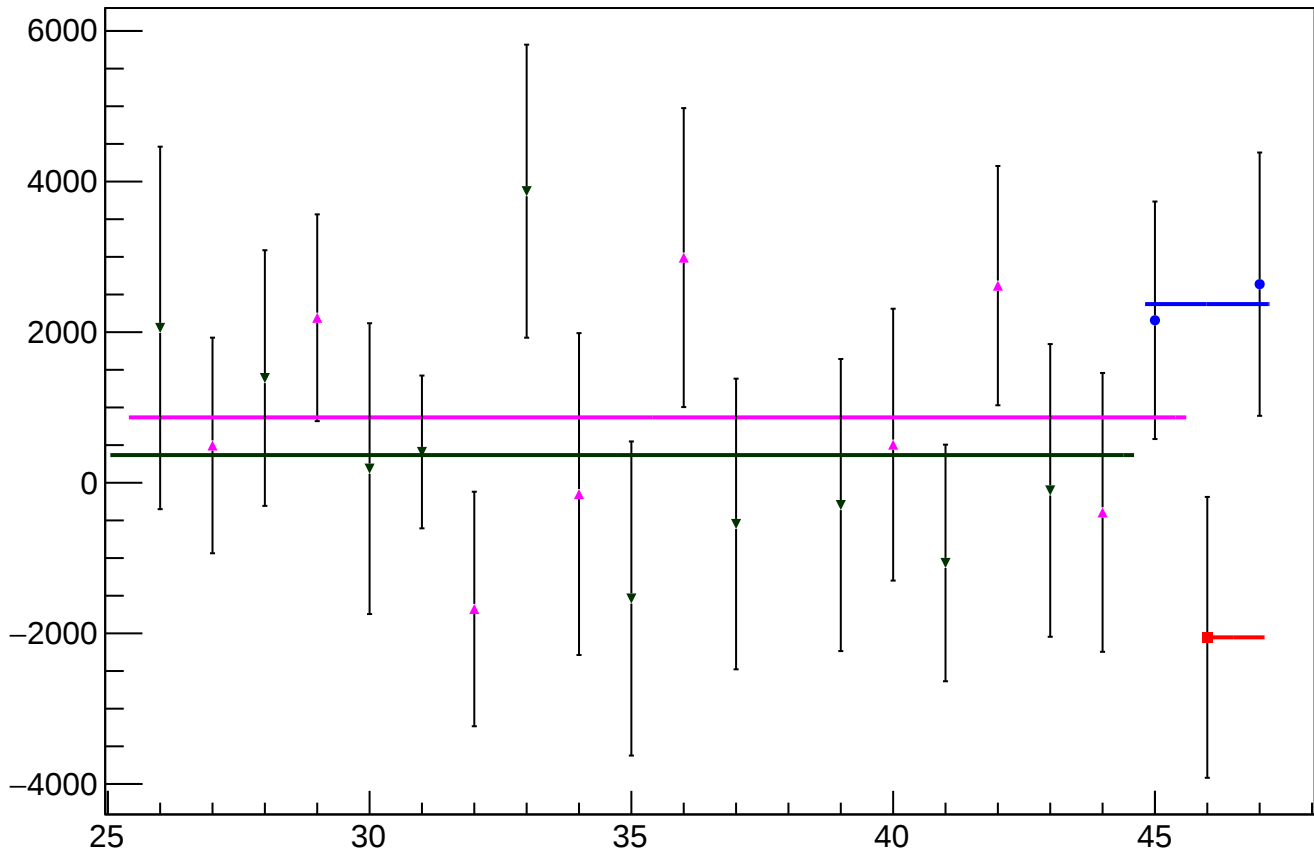
Right Out: 1167.723+/-1.266 χ^2/NDF : 0.0/0

Left In: 1253.630+/-0.394 χ^2/NDF :49852.6/7

1093.718+/-0.325 χ^2/NDF : 1160777.0/11

1246.062+/-0.376 χ^2/NDF : 54049.1/8

asym_at1_dd_mean vs slug



Right In: 2372.968 ± 1171.016 χ^2/NDF : 0.0/1

Left Out: 367.665 ± 537.785 χ^2/NDF : 6.2/9

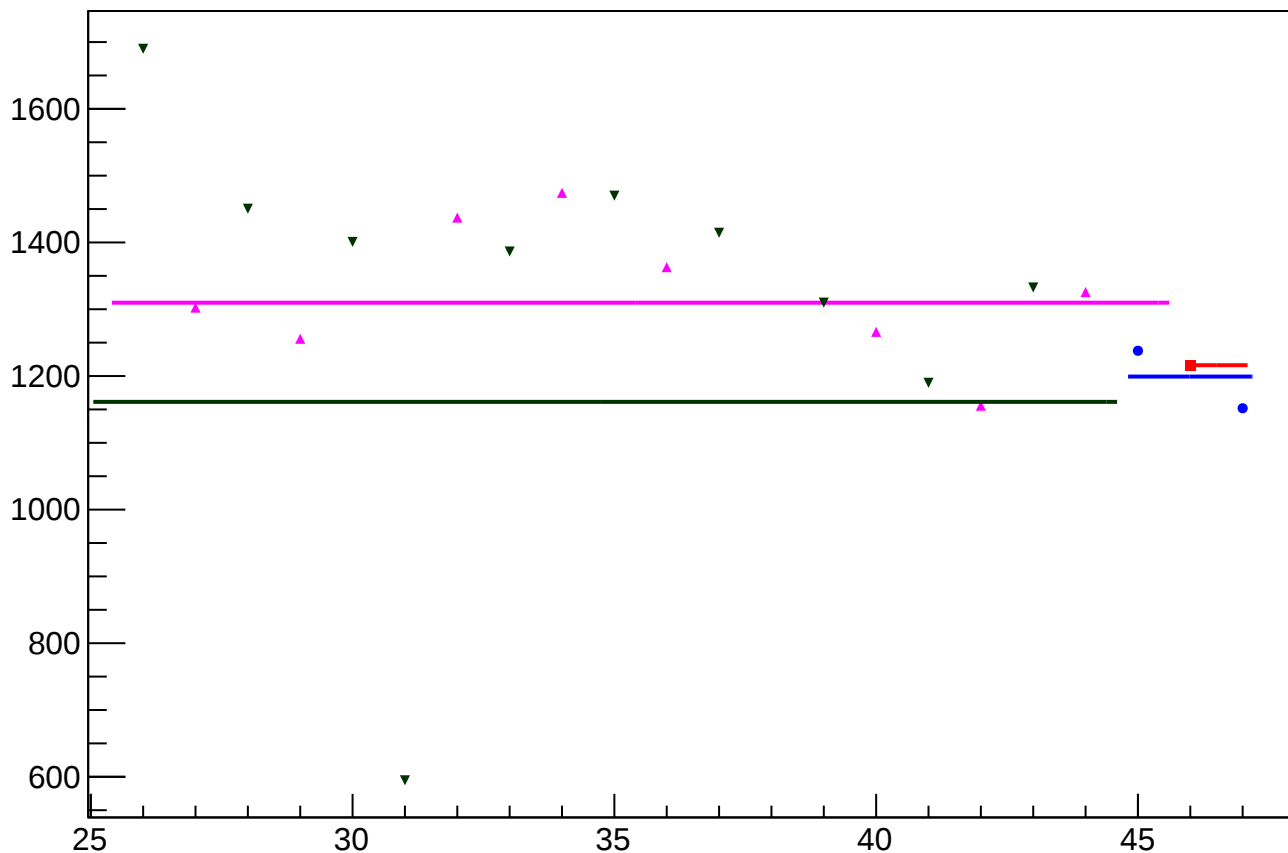
Right Out: -2052.894 ± 1865.023 χ^2/NDF : 0.0/0

Left In: 868.425 ± 587.420 χ^2/NDF : 6.8/7

716.934 ± 488.712 χ^2/NDF : 8.6/11

604.774 ± 560.286 χ^2/NDF : 9.0/8

asym_at1_dd_rms vs slug



Right In: 1199.218 ± 0.828 χ^2/NDF : 2672.4/1

Left Out: 1161.322 ± 0.380 χ^2/NDF : 942121.1/9

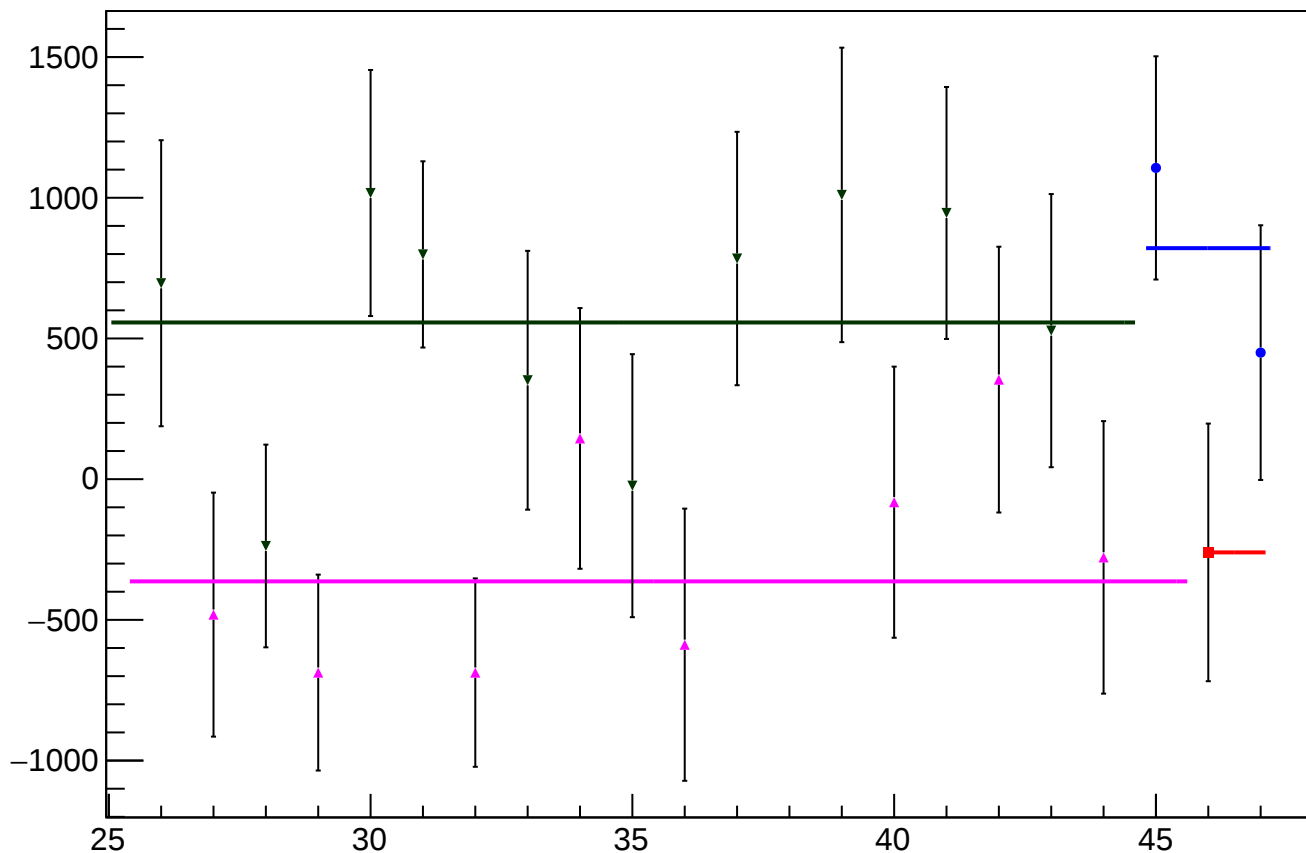
Right Out: 1216.204 ± 1.319 χ^2/NDF : 0.0/0

Left In: 1309.822 ± 0.415 χ^2/NDF : 49968.8/7

1167.923 ± 0.346 χ^2/NDF : 946523.1/11

1301.373 ± 0.396 χ^2/NDF : 54553.4/8

reg_asym_at2_avg_mean vs slug



Right In: 820.926 $\pm$ 298.293 χ^2/NDF : 1.2/1

Left Out: 556.863 $\pm$ 137.272 χ^2/NDF : 10.1/9

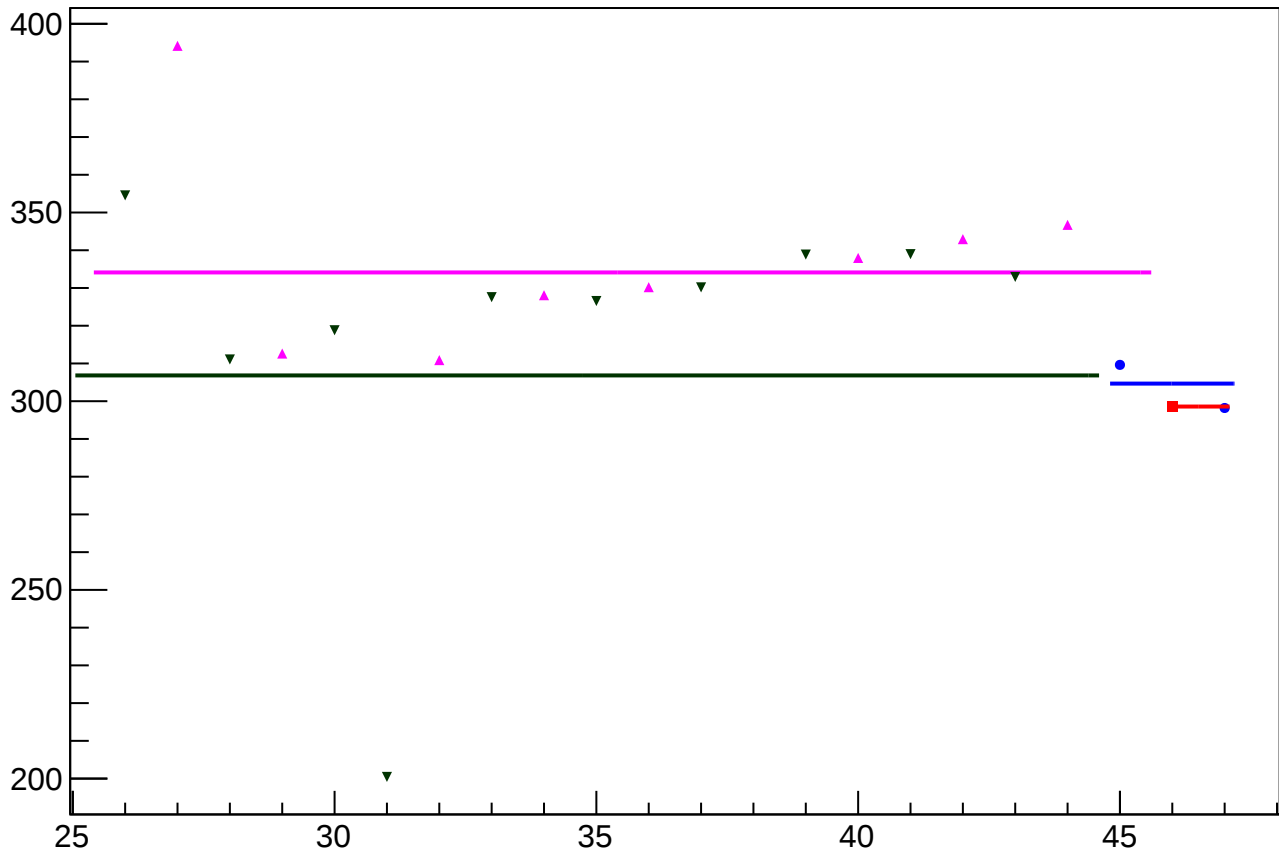
Right Out: -260.237 $\pm$ 457.777 χ^2/NDF : 0.0/0

Left In: -363.206 $\pm$ 149.925 χ^2/NDF : 6.0/7

603.012 $\pm$ 124.701 χ^2/NDF : 11.9/11

-353.231 $\pm$ 142.478 χ^2/NDF : 6.0/8

reg_asym_at2_avg_rms vs slug



Right In: 304.665+/-0.211 χ^2/NDF : 720.8/1

Left Out: 306.830+/-0.097 χ^2/NDF : 262678.8/9

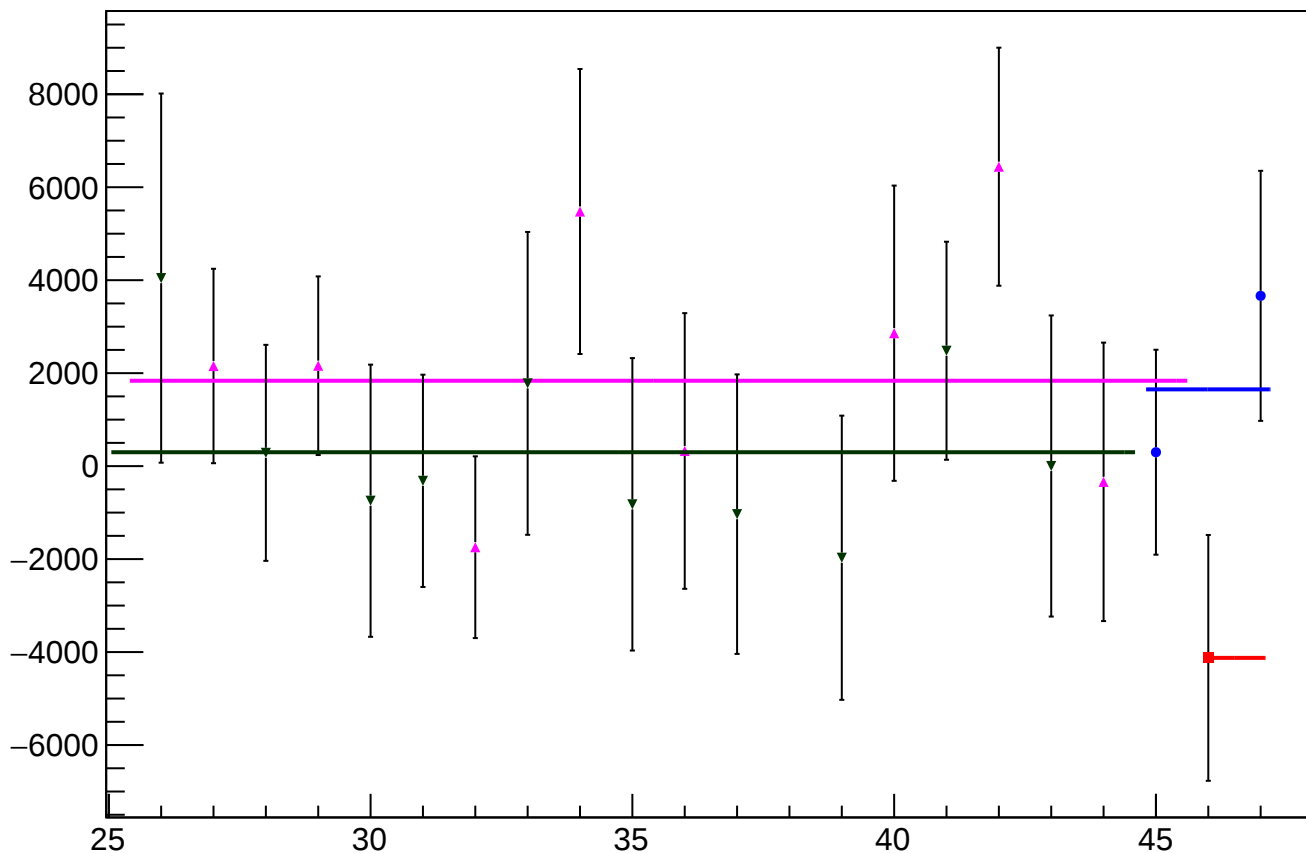
Right Out: 298.585+/-0.324 χ^2/NDF : 0.0/0

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

306.452+/-0.088 χ^2/NDF : 263486.5/11

330.678+/-0.101 χ^2/NDF : 69145.5/8

asym_at2_avg_correction_mean vs slug



Right In: 1651.044+/-1704.999 χ^2/NDF : 0.9/1

Left Out: 298.949+/-895.409 χ^2/NDF : 3.0/9

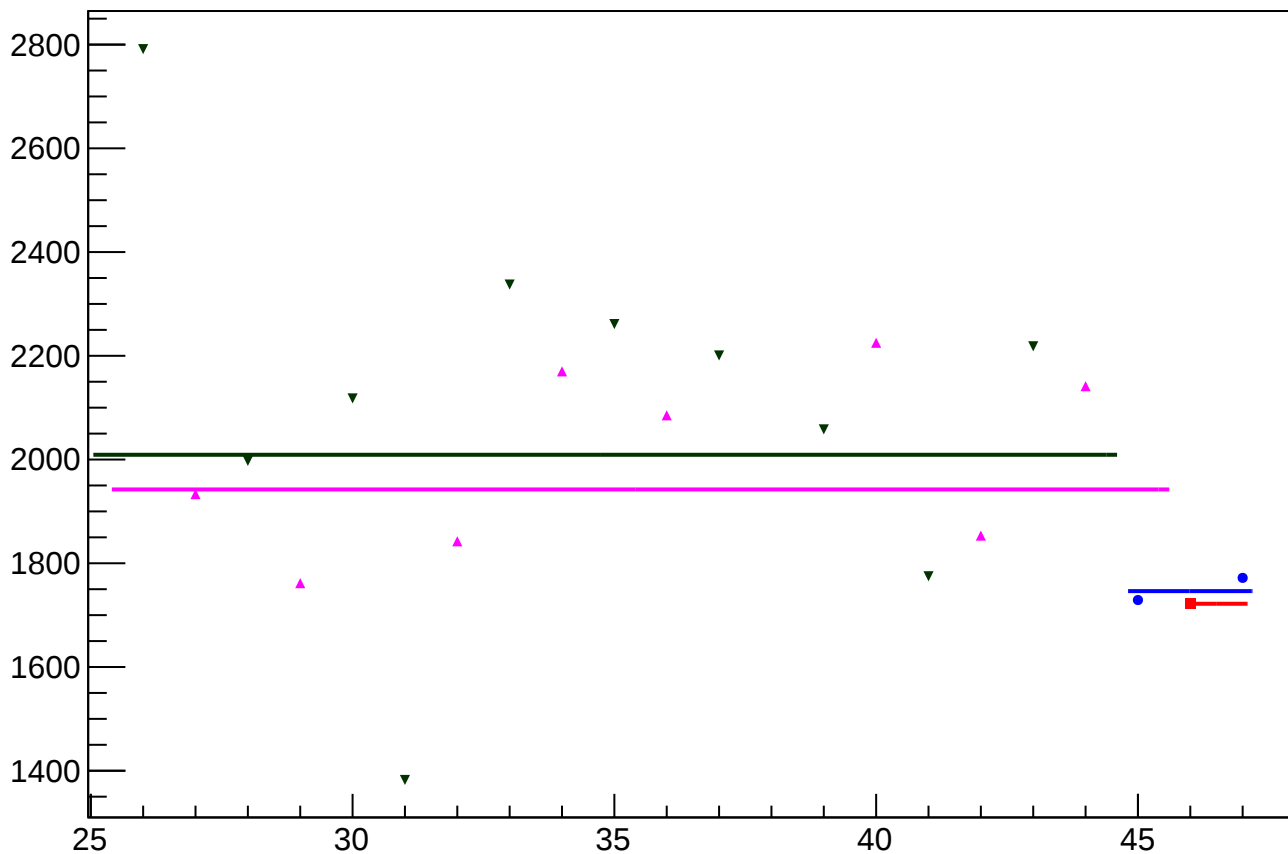
Right Out: -4125.094+/-2644.244 χ^2/NDF : 0.0/0

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

591.243+/-792.739 χ^2/NDF : 4.5/11

1263.440+/-819.892 χ^2/NDF : 13.5/8

asym_at2_avg_correction_rms vs slug



Right In: 1746.292 $\pm$ 1.206 χ^2/NDF : 301.8/1

Left Out: 2009.181 $\pm$ 0.633 χ^2/NDF : 301244.6/9

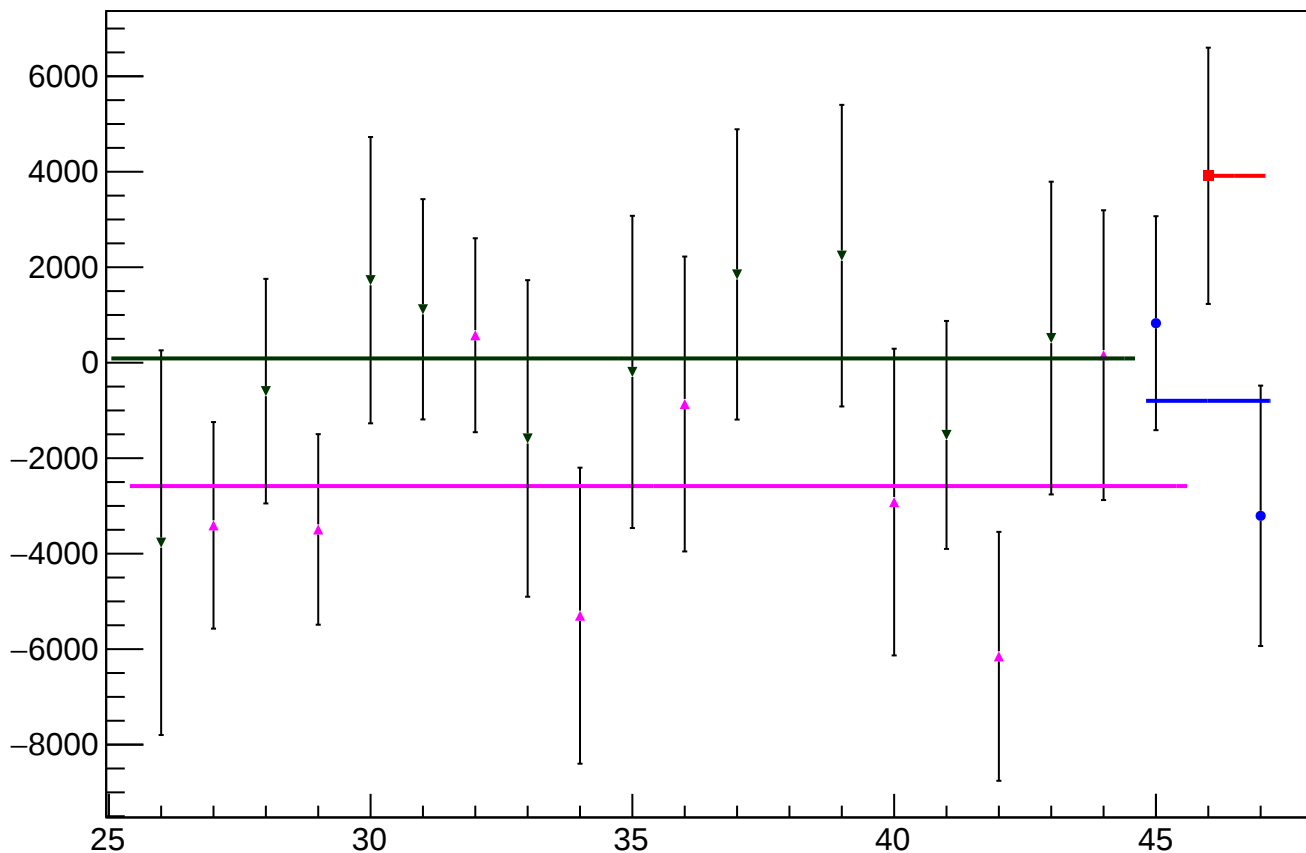
Right Out: 1721.941 $\pm$ 1.870 χ^2/NDF : 0.0/0

Left In: 1942.327 $\pm$ 0.610 χ^2/NDF : 65743.5/7

1952.350 $\pm$ 0.561 χ^2/NDF : 338815.3/11

1921.139 $\pm$ 0.580 χ^2/NDF : 78300.8/8

asym_at2_avg_mean vs slug



Right In: -798.216+/-1731.430 χ^2/NDF : 1.3/1

Left Out: 89.516+/-911.791 χ^2/NDF : 3.0/9

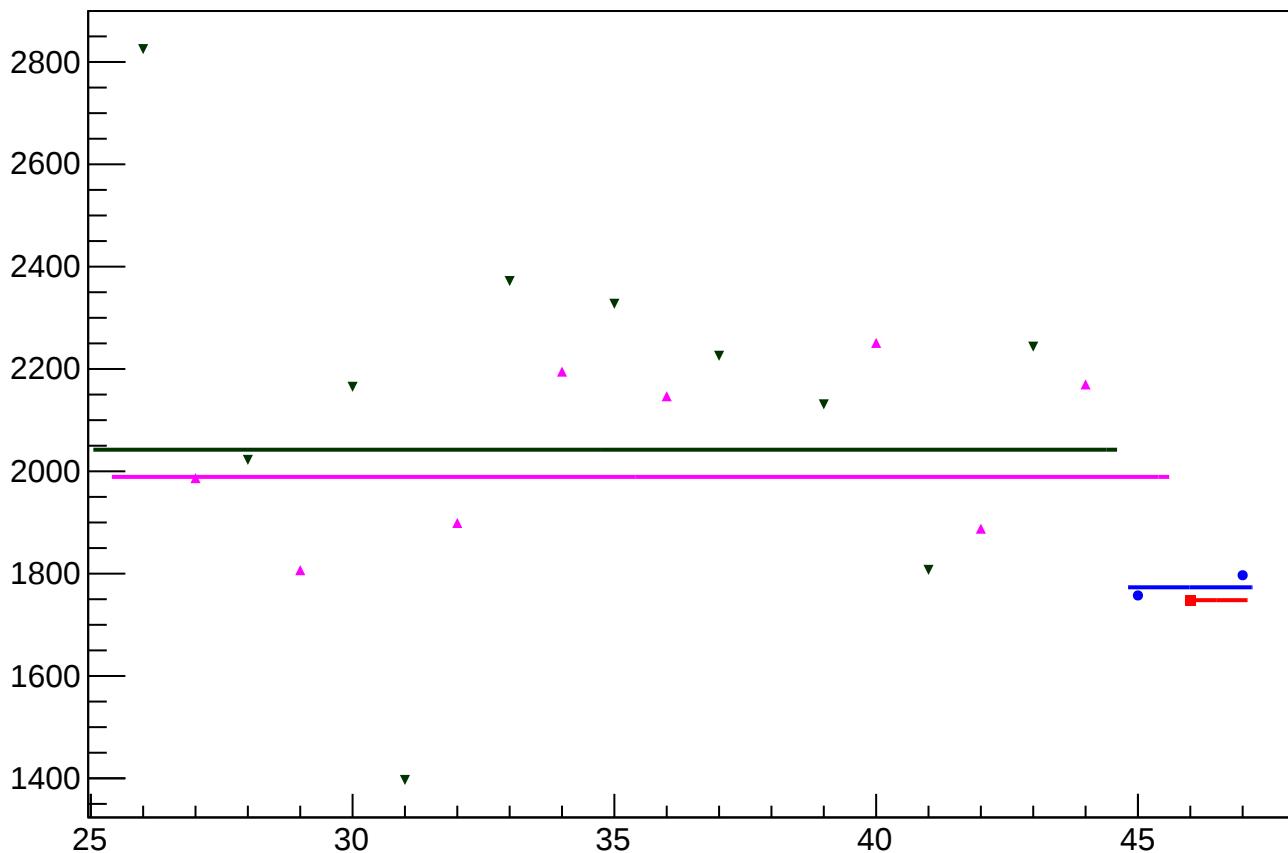
Right Out: 3914.942+/-2684.198 χ^2/NDF : 0.0/0

Left In: -2584.001+/-887.895 χ^2/NDF : 6.5/7

-103.220+/-806.762 χ^2/NDF : 4.5/11

-1943.026+/-842.973 χ^2/NDF : 11.8/8

asym_at2_avg_rms vs slug



Right In: 1773.306 ± 1.224 χ^2/NDF : 250.5/1

Left Out: 2042.242 ± 0.645 χ^2/NDF : 306288.1/9

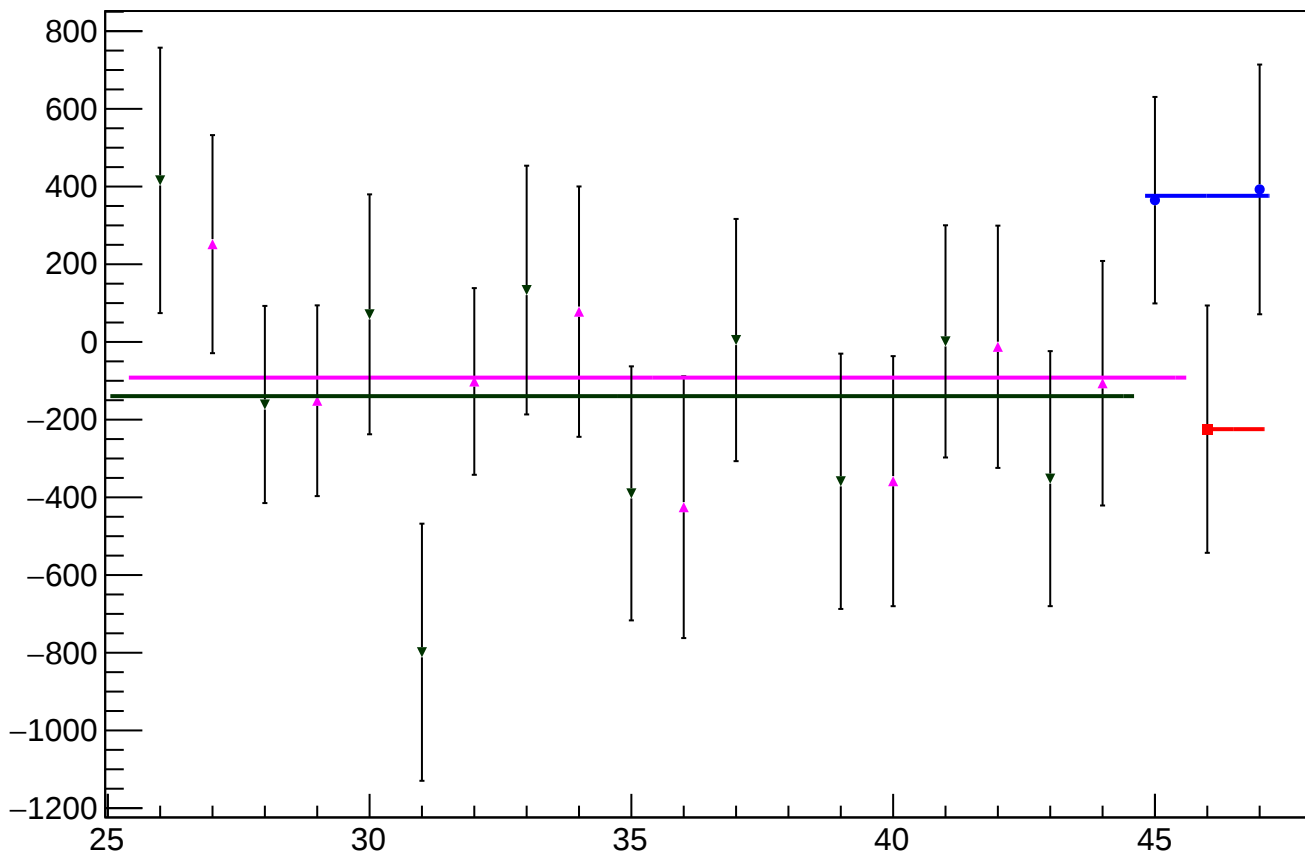
Right Out: 1748.156 ± 1.898 χ^2/NDF : 0.0/0

Left In: 1989.107 ± 0.628 χ^2/NDF : 58031.4/7

1983.853 ± 0.570 χ^2/NDF : 344314.6/11

1965.342 ± 0.596 χ^2/NDF : 72557.8/8

reg_asym_at2_dd_mean vs slug



Right In: 376.166+/-204.805 χ^2/NDF : 0.0/1

Left Out: -139.503+/-98.600 χ^2/NDF : 9.7/9

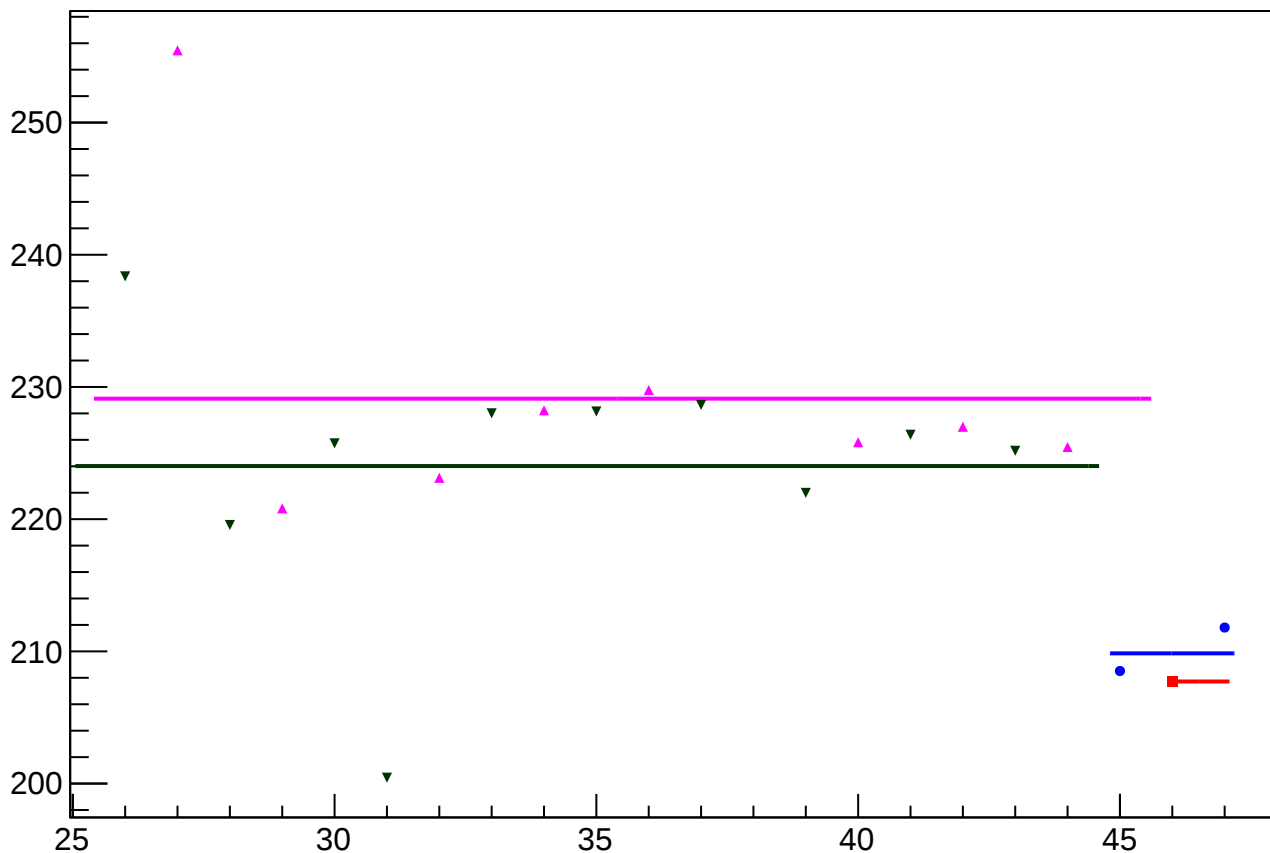
Right Out: -224.487+/-318.337 χ^2/NDF : 0.0/0

Left In: -91.824+/-102.556 χ^2/NDF : 3.6/7

-42.472+/-88.840 χ^2/NDF : 14.8/11

-104.298+/-97.615 χ^2/NDF : 3.7/8

reg_asym_at2_dd_rms vs slug



Right In: 209.849 $\pm$ 0.145 χ^2 /NDF: 124.3/1

Left Out: 224.018 $\pm$ 0.070 χ^2 /NDF:15653.5/9

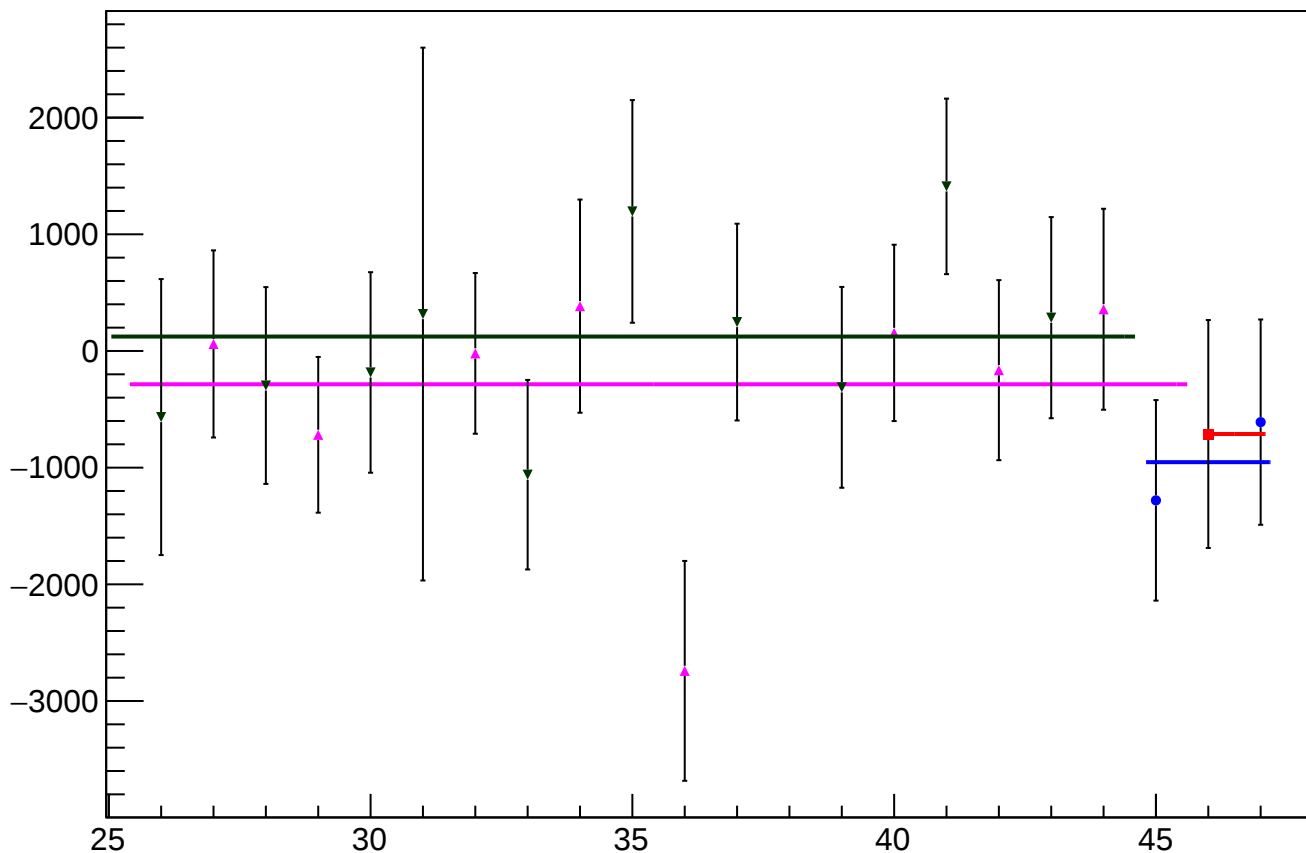
221.352 $\pm$ 0.063 χ^2 /NDF: 23548.8/11

Right Out: 207.721 $\pm$ 0.225 χ^2 /NDF: 0.0/0

227.104 $\pm$ 0.069 χ^2 /NDF: 29931.6/8

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF:21746.8/7

asym_at2_dd_correction_mean vs slug



Right In: -952.939+/-614.799 χ^2/NDF : 0.3/1

Left Out: 123.706+/-286.884 χ^2/NDF : 7.4/9

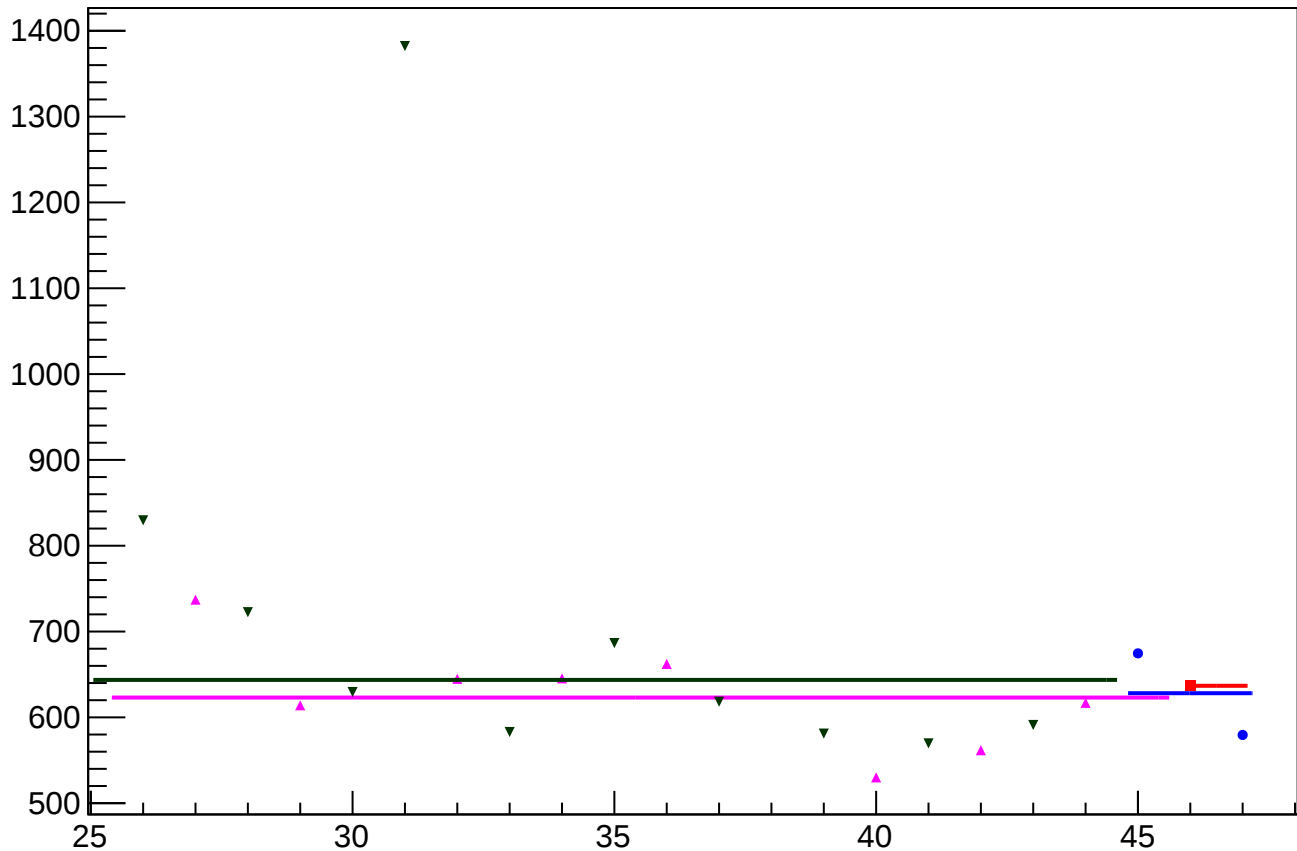
Right Out: -711.583+/-976.814 χ^2/NDF : 0.0/0

Left In: -285.318+/-277.235 χ^2/NDF : 9.0/7

-68.808+/-259.973 χ^2/NDF : 10.2/11

-317.094+/-266.701 χ^2/NDF : 9.2/8

asym_at2_dd_correction_rms vs slug



Right In: 628.150+/-0.435 χ^2/NDF : 11948.4/1

Left Out: 643.644+/-0.203 χ^2/NDF : 331127.9/9

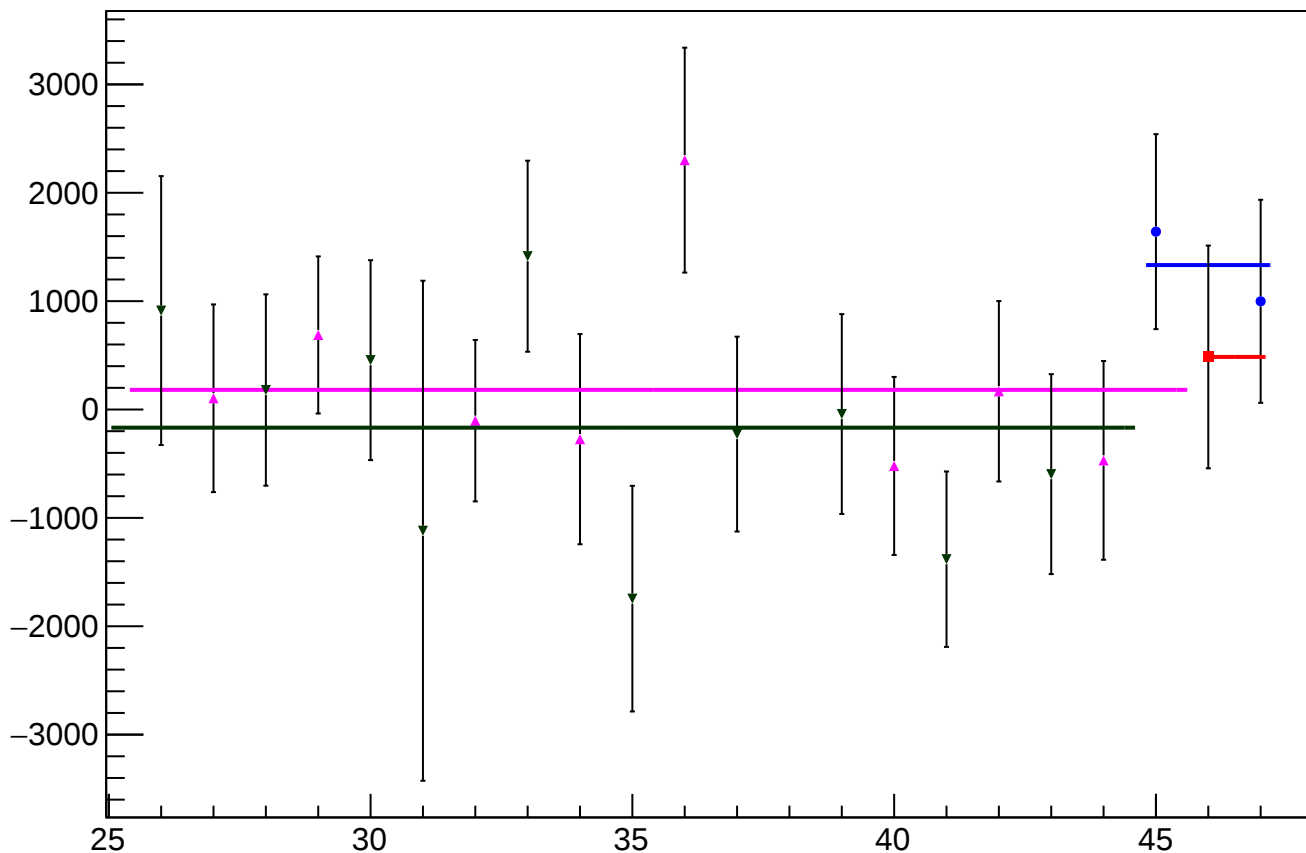
Right Out: 636.781+/-0.691 χ^2/NDF : 0.0/0

Left In: 623.079+/-0.196 χ^2/NDF : 90546.5/7

640.873+/-0.184 χ^2/NDF : 344119.4/11

624.100+/-0.189 χ^2/NDF : 90910.8/8

asym_at2_dd_mean vs slug



Right In: 1332.938 $\pm$ 648.938 χ^2 /NDF: 0.2/1

Left Out: -167.454 $\pm$ 306.843 χ^2 /NDF: 9.5/9

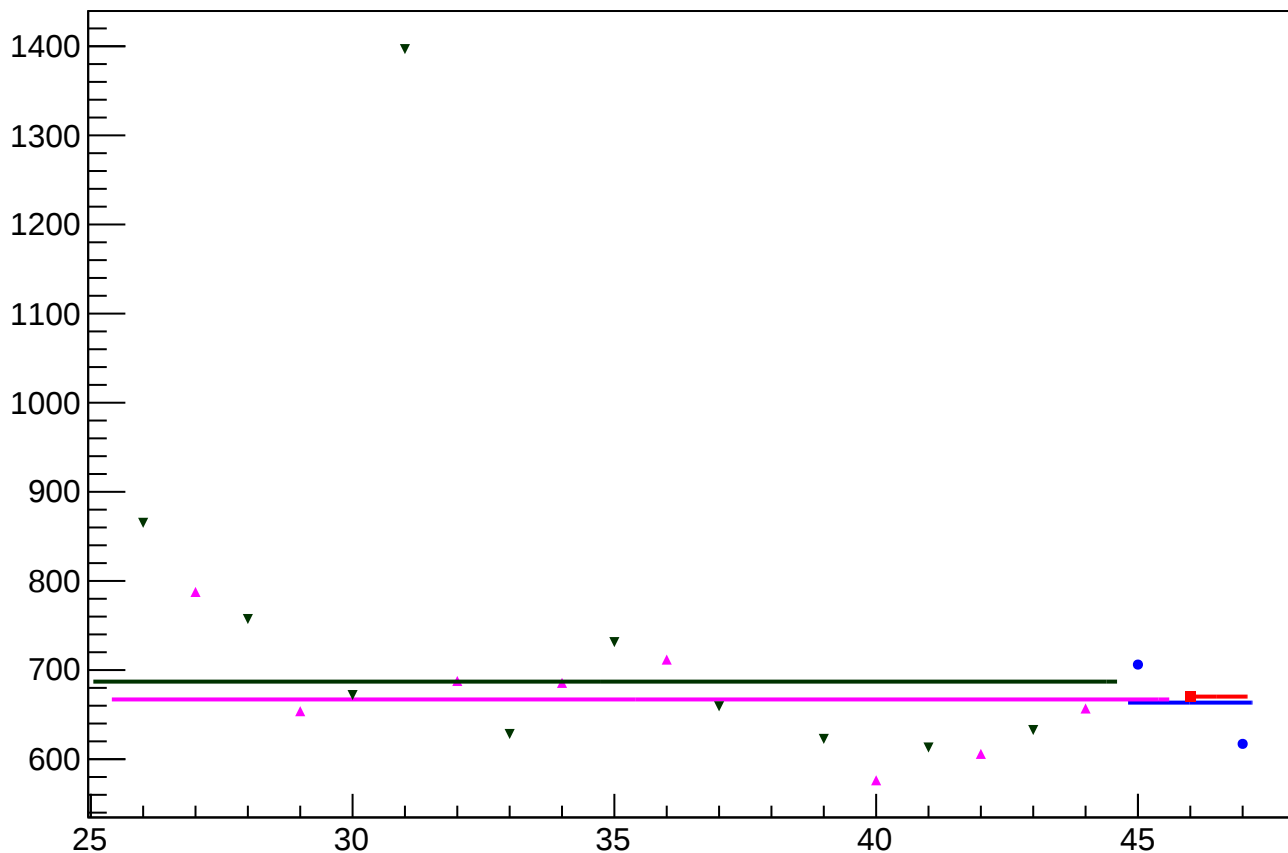
Right Out: 485.176 $\pm$ 1027.884 χ^2 /NDF: 0.0/0

Left In: 181.369 $\pm$ 299.524 χ^2 /NDF: 6.3/7

106.703 $\pm$ 277.396 χ^2 /NDF: 14.2/11

205.147 $\pm$ 287.563 χ^2 /NDF: 6.4/8

asym_at2_dd_rms vs slug



Right In: 663.471+/-0.459 χ^2/NDF : 9383.2/1

Left Out: 687.034+/-0.217 χ^2/NDF : 291456.1/9

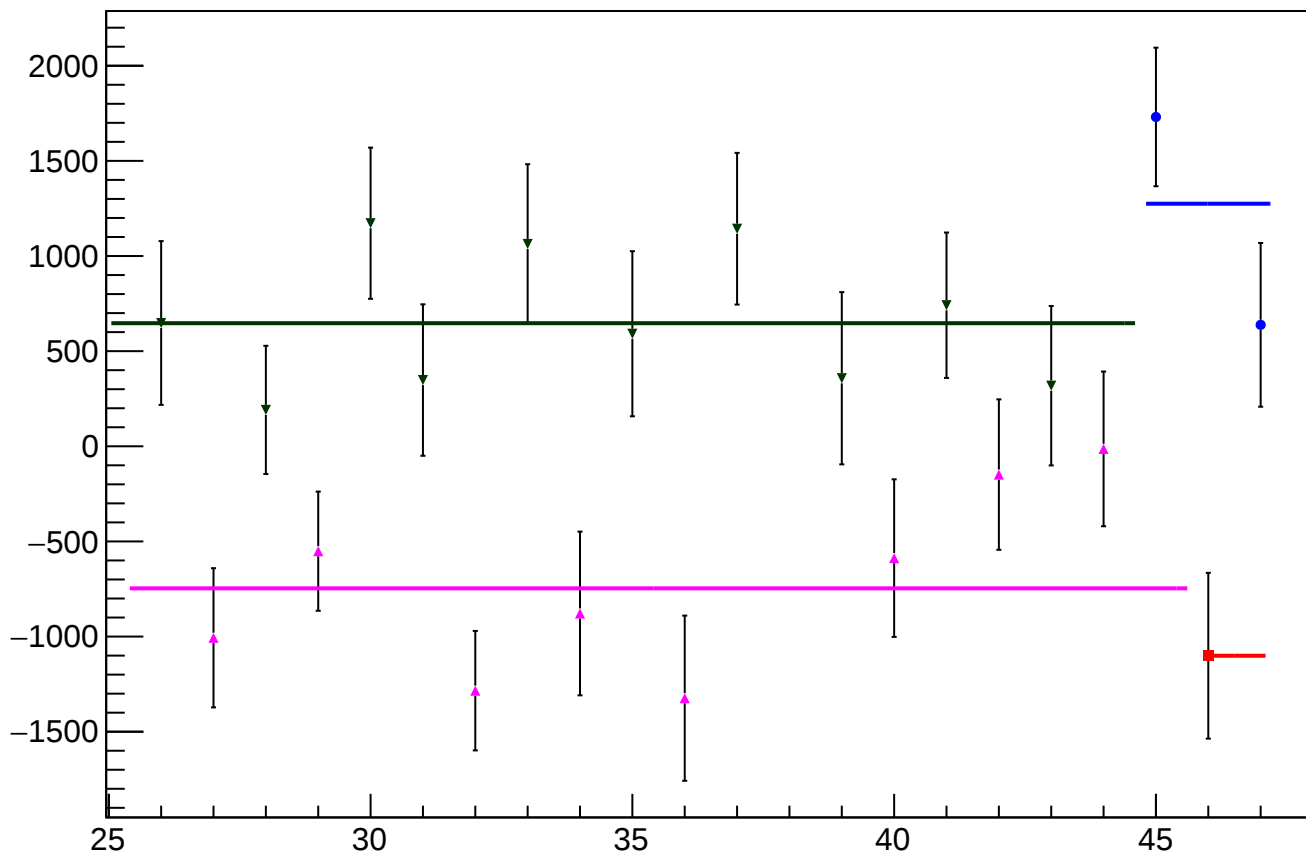
Right Out: 670.218+/-0.727 χ^2/NDF : 0.0/0

Left In: 667.018+/-0.212 χ^2/NDF : 80872.4/7

682.729+/-0.196 χ^2/NDF : 302994.2/11

667.268+/-0.203 χ^2/NDF : 80890.3/8

reg_asym_atl1r2_avg_mean vs slug



Right In: 1274.839 $\pm$ 278.002 χ^2/NDF : 3.8/1

Left Out: 646.945 $\pm$ 127.436 χ^2/NDF : 7.8/9

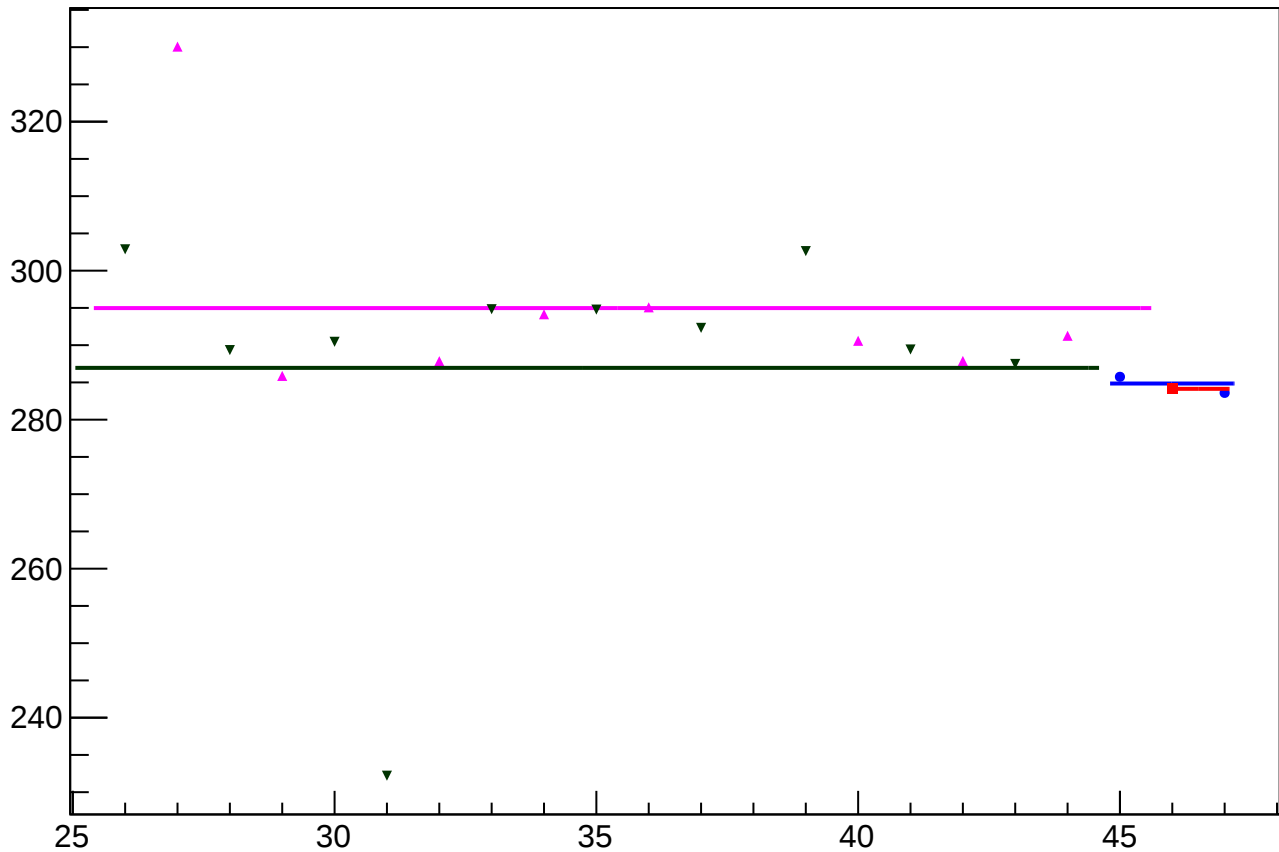
Right Out: -1100.786 $\pm$ 435.664 χ^2/NDF : 0.0/0

Left In: -746.580 $\pm$ 132.693 χ^2/NDF : 11.4/7

755.974 $\pm$ 115.845 χ^2/NDF : 15.8/11

-776.650 $\pm$ 126.936 χ^2/NDF : 12.0/8

reg_asym_atl1r2_avg_rms vs slug



Right In: 284.852+/-0.197 χ^2/NDF : 29.3/1

Left Out: 286.953+/-0.090 χ^2/NDF : 45031.7/9

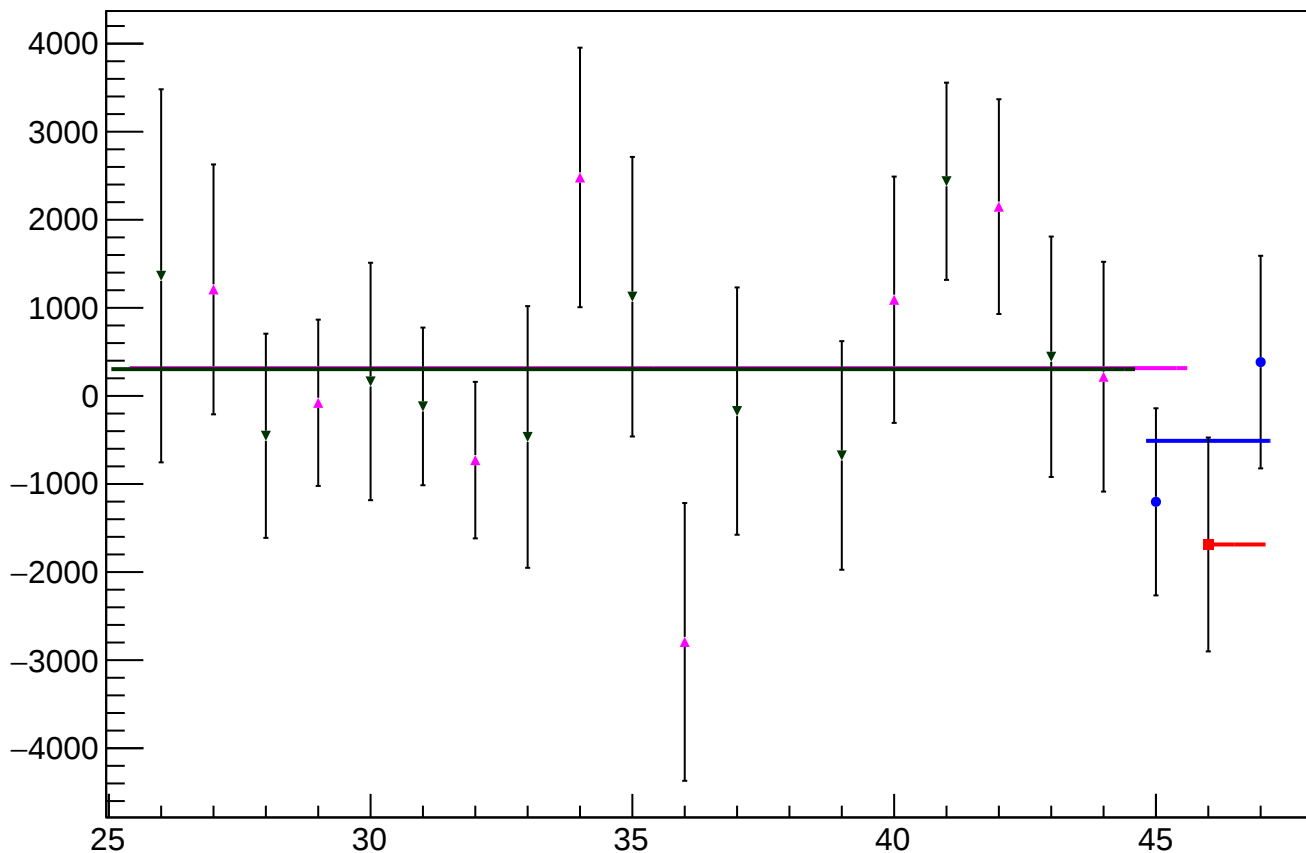
Right Out: 284.140+/-0.308 χ^2/NDF : 0.0/0

Left In: 294.977+/-0.094 χ^2/NDF : 22175.8/7

286.588+/-0.082 χ^2/NDF : 45155.3/11

294.057+/-0.090 χ^2/NDF : 23308.2/8

asym_atl1r2_avg_correction_mean vs slug



Right In: -509.928+/-797.442 χ^2 /NDF: 1.0/1

Left Out: 303.959+/-406.510 χ^2 /NDF:5.8/9

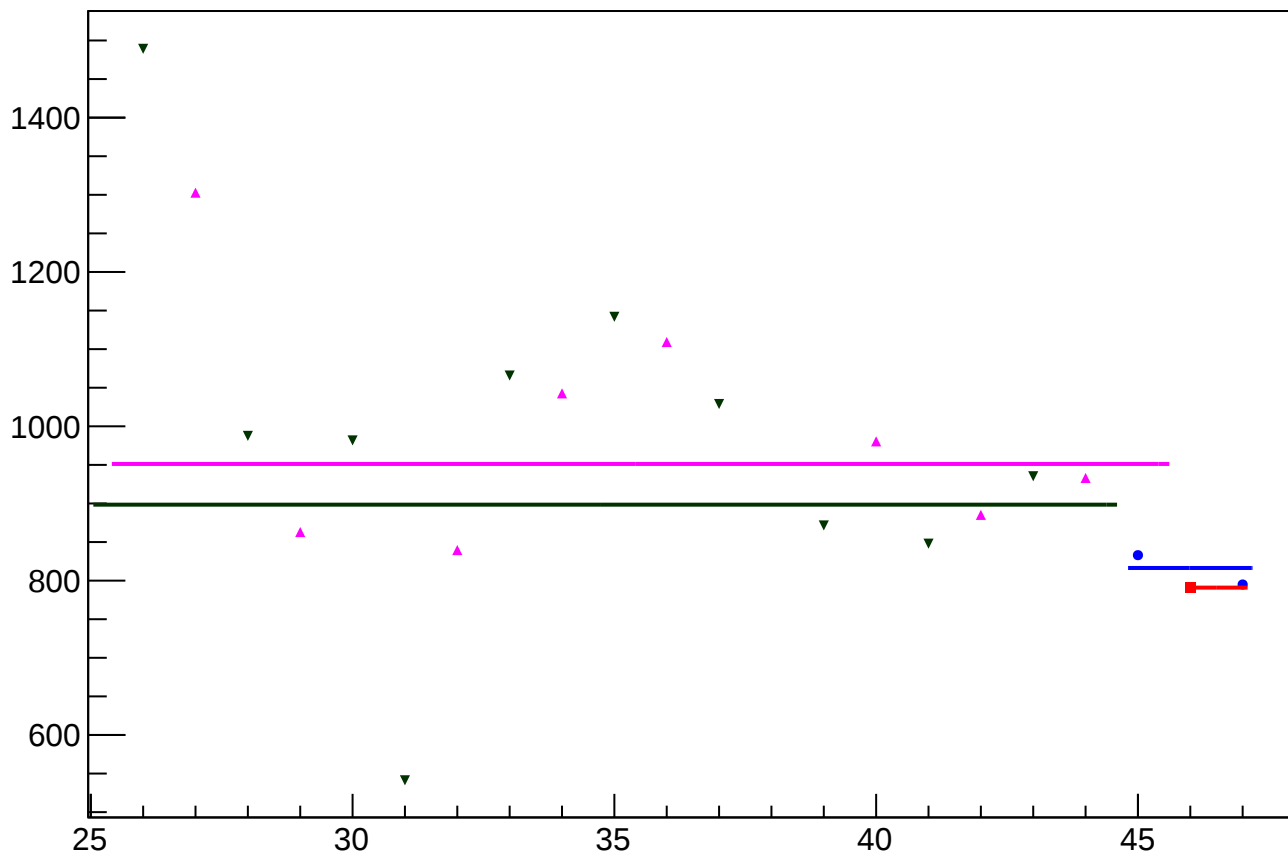
Right Out: -1686.747+/-1214.305 χ^2 /NDF: 0.0/0

Left In: 315.709+/-425.643 χ^2 /NDF:10.6/7

136.085+/-362.168 χ^2 /NDF: 7.6/11

96.595+/-401.681 χ^2 /NDF: 13.0/8

asym_atl1r2_avg_correction_rms vs slug



Right In: 816.419+/-0.564 χ^2/NDF : 1118.4/1

Left Out: 898.453+/-0.287 χ^2/NDF : 589701.9/9

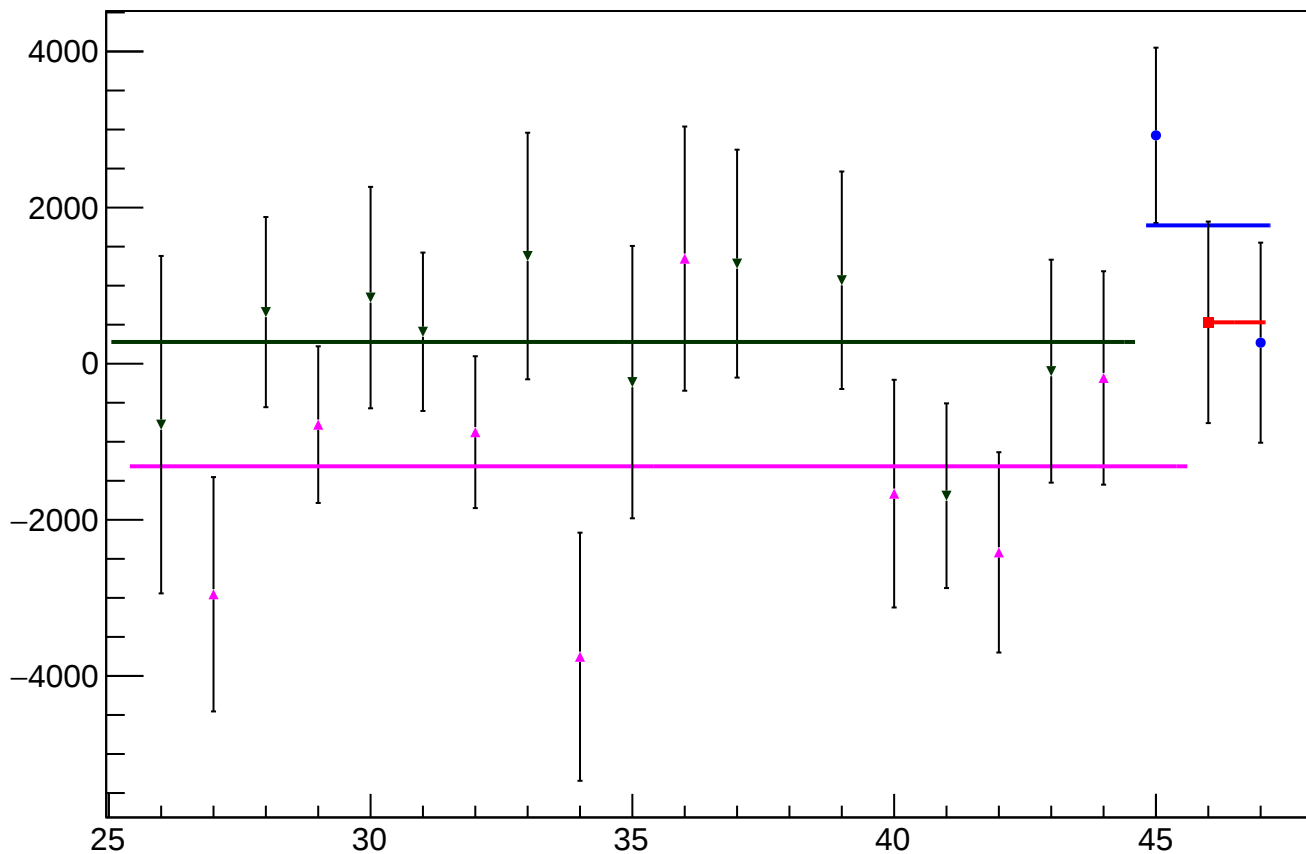
Right Out: 790.951+/-0.859 χ^2/NDF : 0.0/0

Left In: 951.224+/-0.301 χ^2/NDF : 206752.8/7

881.532+/-0.256 χ^2/NDF : 607619.8/11

933.687+/-0.284 χ^2/NDF : 237782.0/8

asym_atl1r2_avg_mean vs slug



Right In: 1771.964 $\pm$ 844.704 χ^2 /NDF: 2.4/1

Left Out: 278.652 $\pm$ 435.403 χ^2 /NDF: 4.7/9

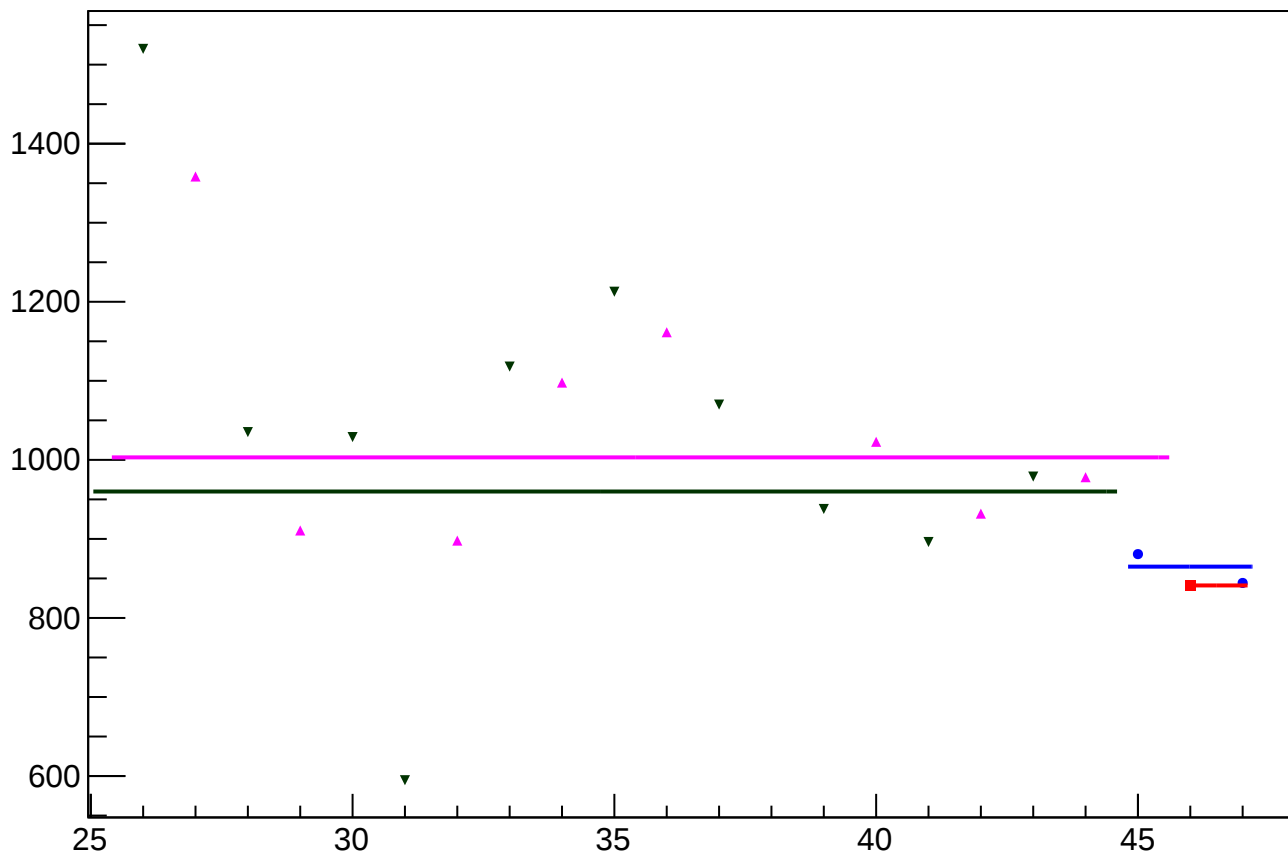
Right Out: 530.124 $\pm$ 1290.951 χ^2 /NDF: 0.0/0

Left In: -1314.458 $\pm$ 454.003 χ^2 /NDF: 8.0/7

592.124 $\pm$ 387.015 χ^2 /NDF: 9.6/11

-1111.432 $\pm$ 428.289 χ^2 /NDF: 9.8/8

asym_atl1r2_avg_rms vs slug



Right In: 864.931 ± 0.597 χ^2/NDF : 916.1/1

Left Out: 959.970 ± 0.308 χ^2/NDF : 485856.9/9

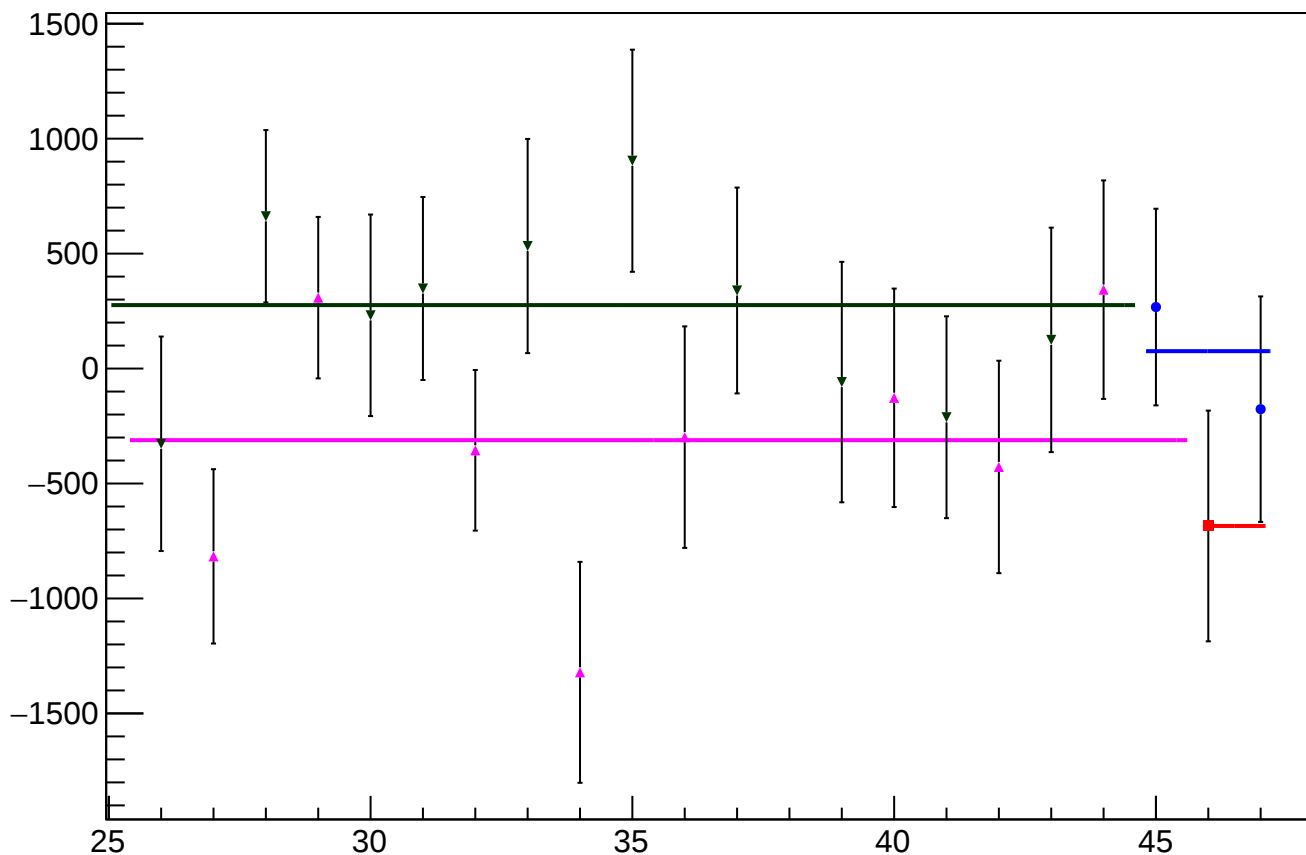
Right Out: 841.138 ± 0.913 χ^2/NDF : 0.0/0

Left In: 1003.146 ± 0.321 χ^2/NDF : 184277.9/7

940.020 ± 0.274 χ^2/NDF : 506776.1/11

985.315 ± 0.303 χ^2/NDF : 212309.0/8

reg_asym_atl1r2_dd_mean vs slug



Right In: 75.697 $\pm$ 322.307 χ^2 /NDF: 0.5/1

Left Out: 276.090 $\pm$ 141.202 χ^2 /NDF: 6.5/9

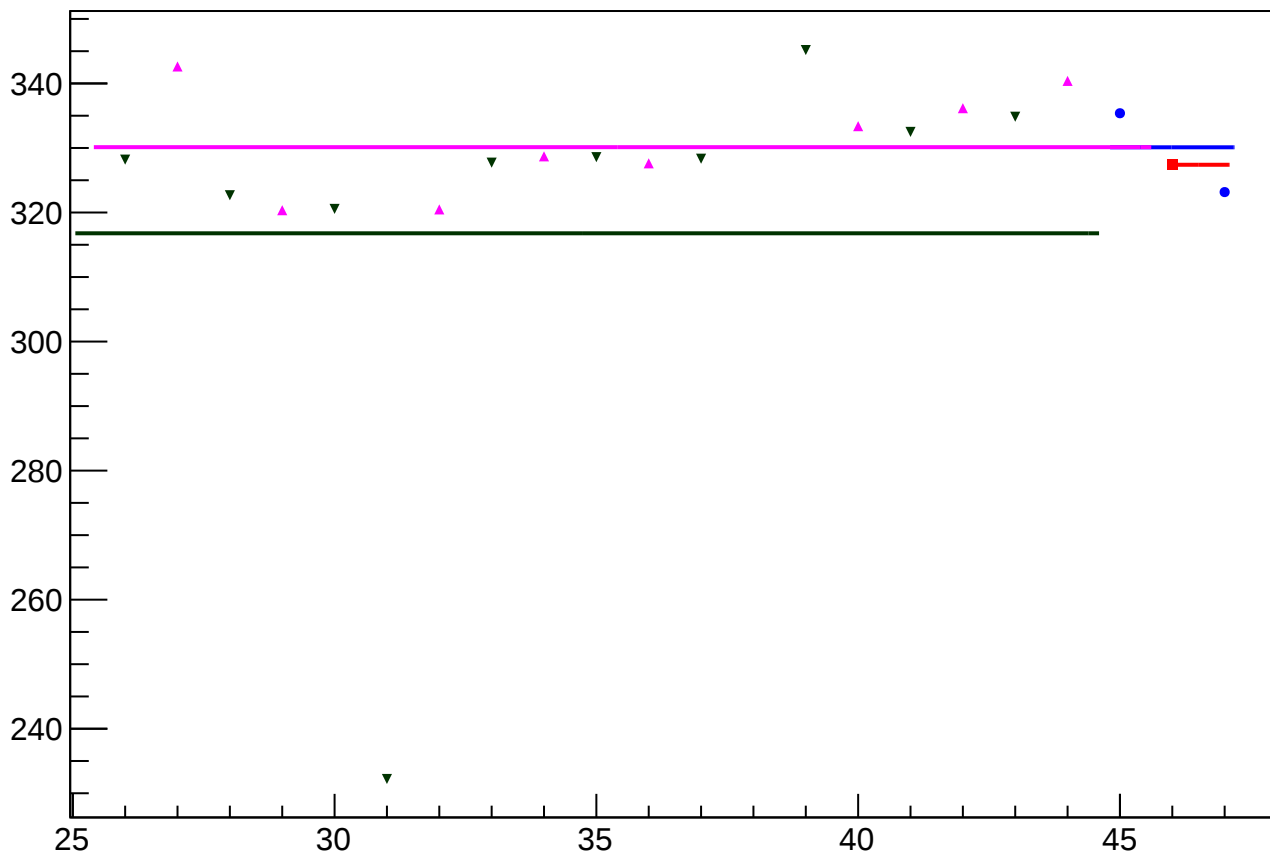
Right Out: -684.654 $\pm$ 501.743 χ^2 /NDF: 0.0/0

Left In: -311.389 $\pm$ 148.343 χ^2 /NDF: 11.4/7

243.822 $\pm$ 129.335 χ^2 /NDF: 7.3/11

-341.394 $\pm$ 142.255 χ^2 /NDF: 11.9/8

reg_asym_atl1r2_dd_rms vs slug



Right In: 330.106+/-0.228 χ^2/NDF : 705.2/1

Left Out: 316.778+/-0.100 χ^2/NDF :106979.2/9

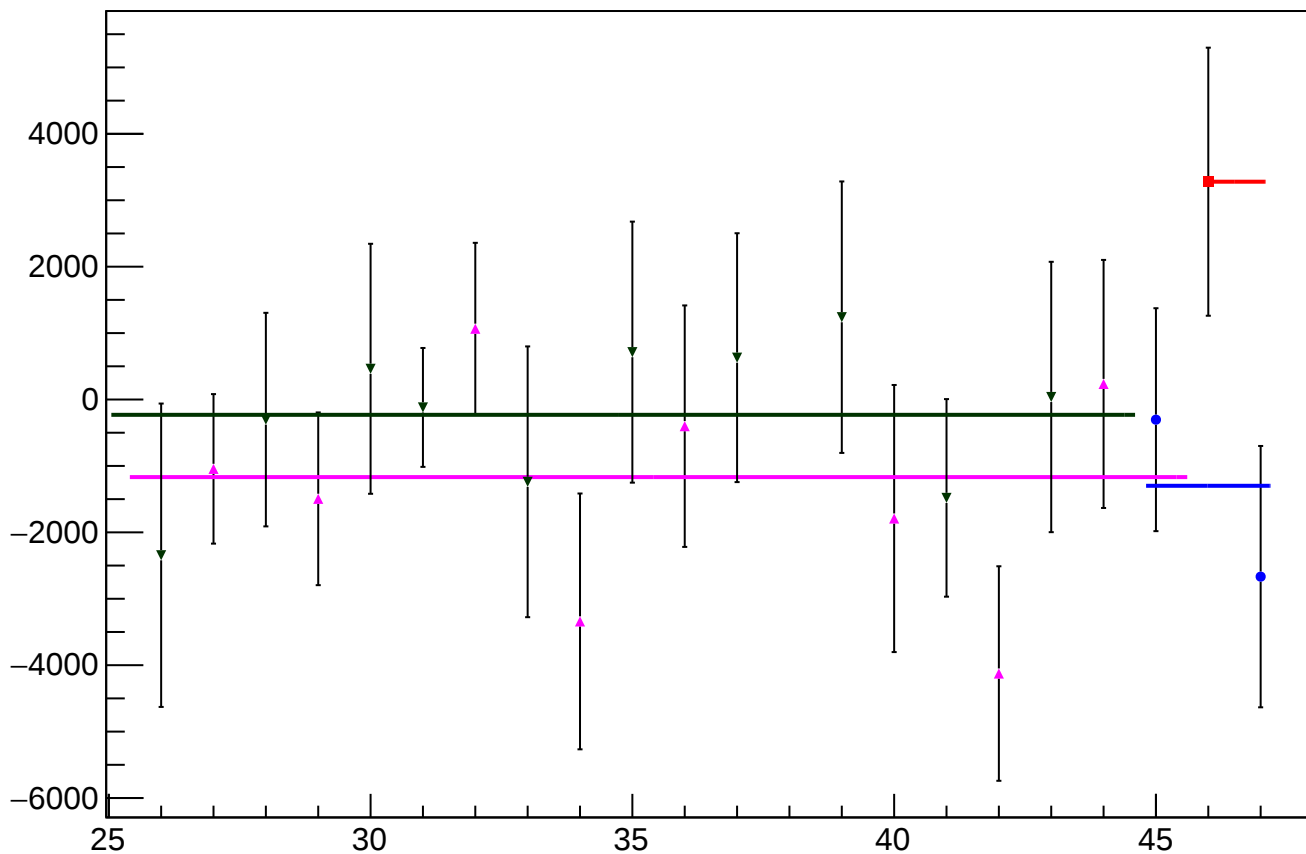
Right Out: 327.399+/-0.355 χ^2/NDF : 0.0/0

Left In: 330.127+/-0.105 χ^2/NDF :6690.1/7

318.925+/-0.091 χ^2/NDF : 110553.4/11

329.907+/-0.101 χ^2/NDF : 6744.4/8

asym_atl1r2_dd_correction_mean vs slug



Right In: -1298.929+/-1276.798 χ^2 /NDF: 0.8/1

Left Out: -230.495+/-511.193 χ^2 /NDF: 2.9/9

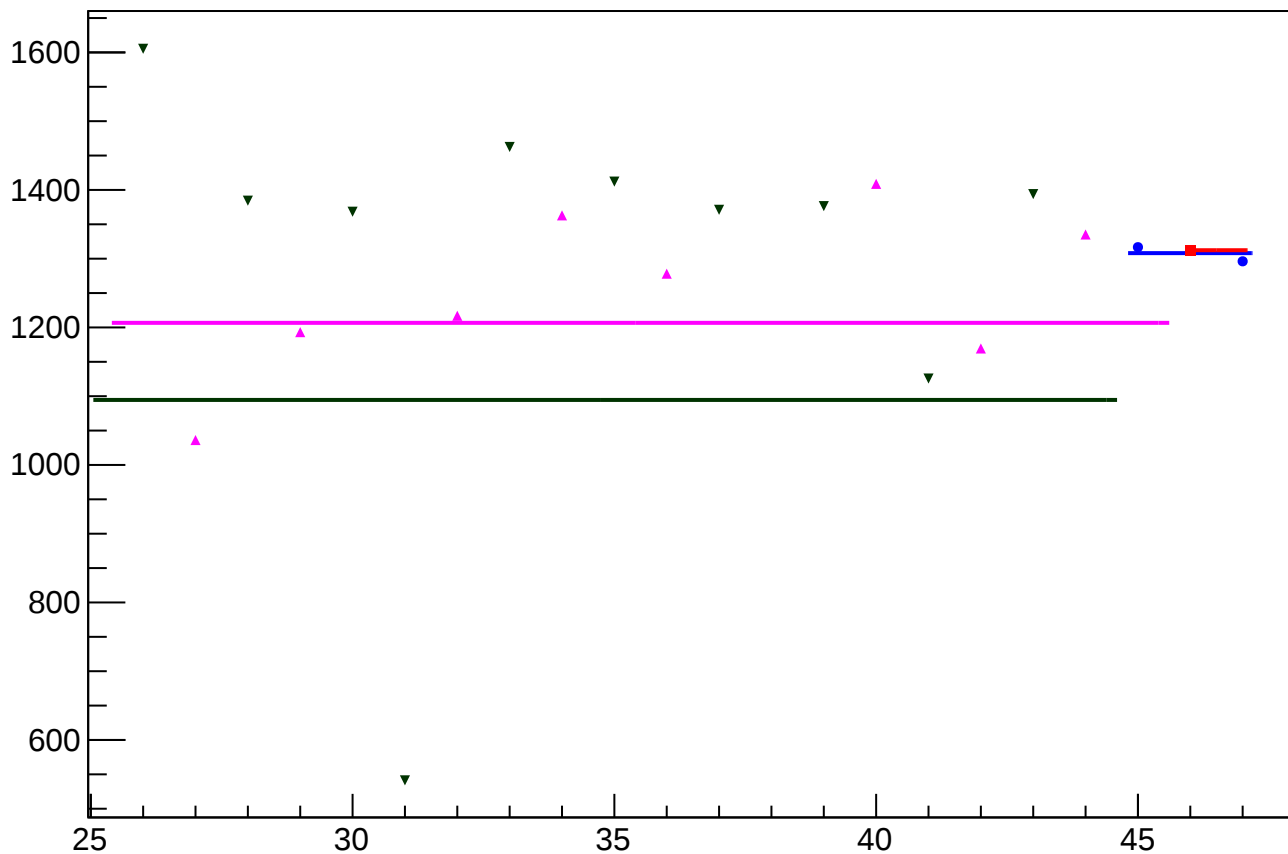
Right Out: 3279.349+/-2018.029 χ^2 /NDF: 0.0/0

Left In: -1168.061+/-536.955 χ^2 /NDF: 8.5/7

-378.101+/-474.570 χ^2 /NDF: 4.4/11

-874.012+/-518.900 χ^2 /NDF: 13.1/8

asym_atl1r2_dd_correction_rms vs slug



Right In: 1308.078+/-0.903 χ^2/NDF : 126.5/1

Left Out: 1094.559+/-0.361 χ^2/NDF : 1214879.1/9

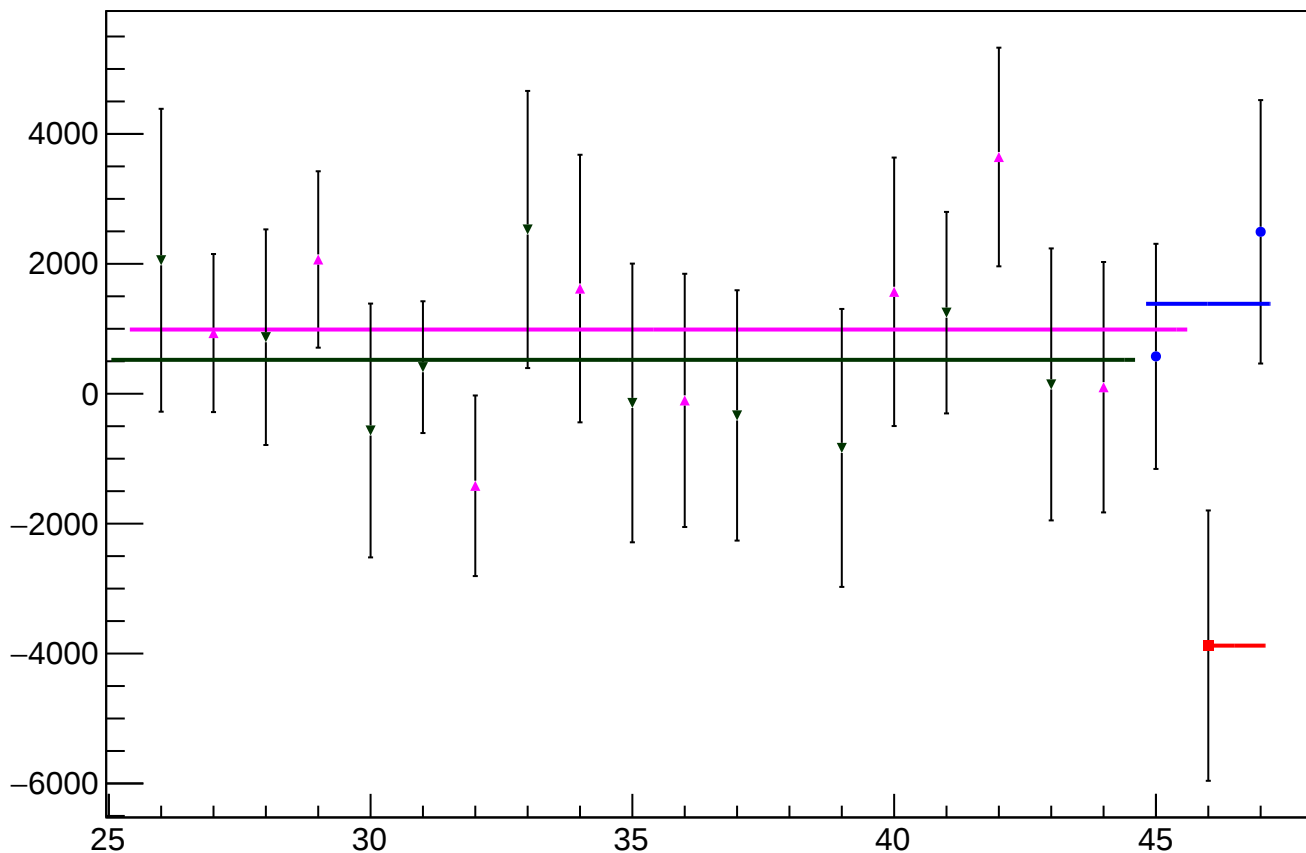
Right Out: 1312.303+/-1.427 χ^2/NDF : 0.0/0

Left In: 1206.686+/-0.380 χ^2/NDF : 93225.4/7

1124.057+/-0.336 χ^2/NDF : 1263210.3/11

1213.669+/-0.367 χ^2/NDF : 98341.5/8

asym_atl1r2_dd_mean vs slug



Right In: 1384.608+/-1317.437 χ^2/NDF : 0.5/1

Left Out: 521.878+/-546.444 χ^2/NDF : 2.6/9

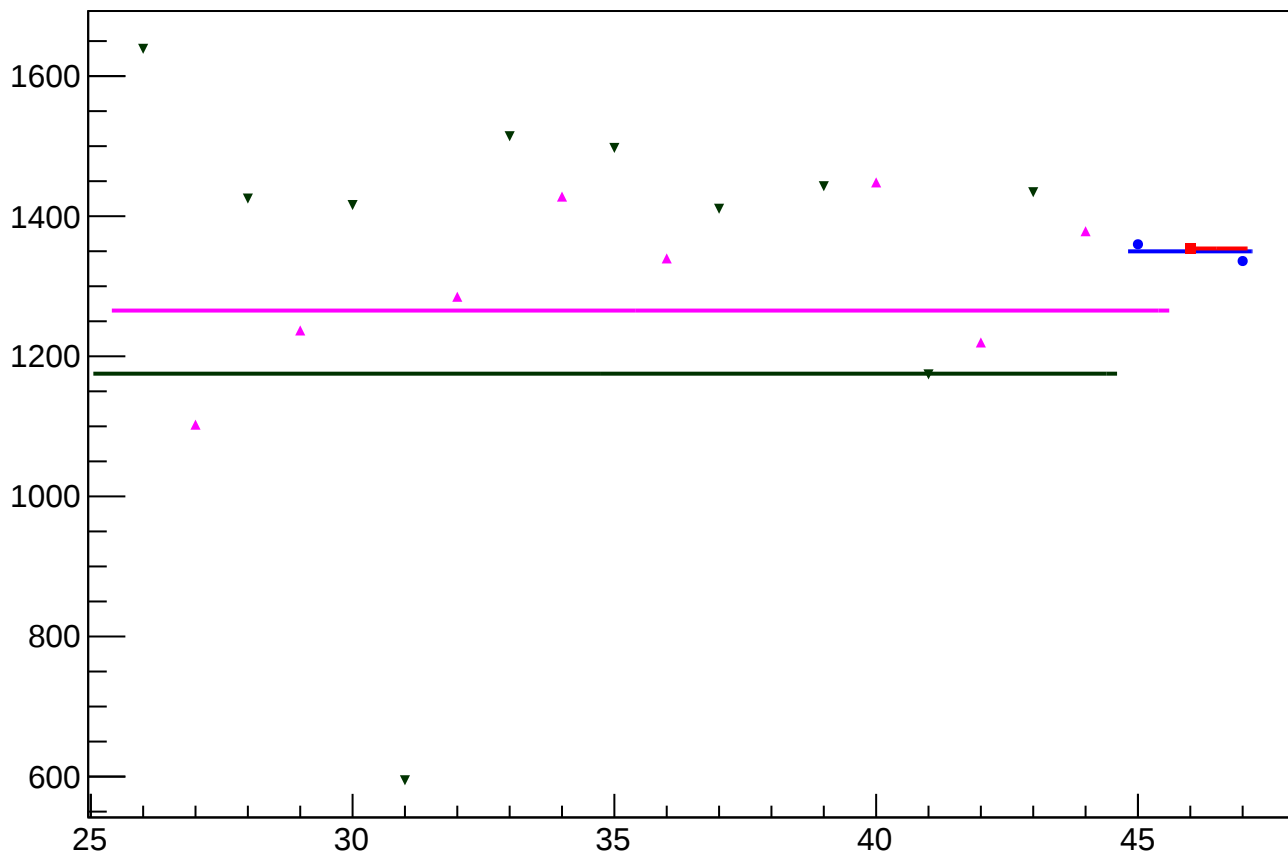
Right Out: -3877.976+/-2081.057 χ^2/NDF : 0.0/0

Left In: 988.467+/-568.860 χ^2/NDF : 6.8/7

648.516+/-504.748 χ^2/NDF : 3.5/11

650.122+/-548.729 χ^2/NDF : 11.9/8

asym_atl1r2_dd_rms vs slug



Right In: 1349.838+/-0.932 χ^2/NDF : 160.9/1

Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

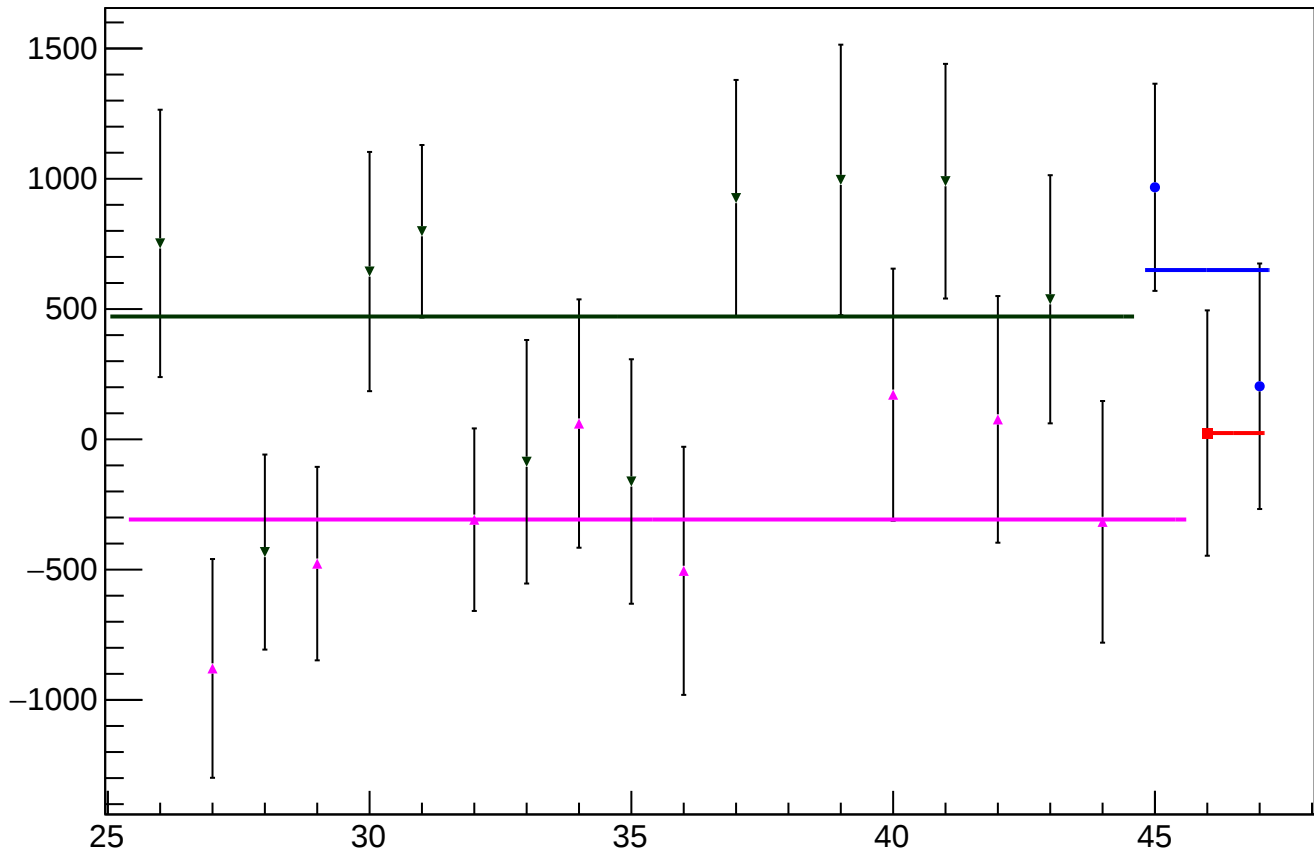
Right Out: 1353.899+/-1.472 χ^2/NDF : 0.0/0

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1200.835+/-0.357 χ^2/NDF : 1027222.4/11

1271.467+/-0.388 χ^2/NDF : 79935.6/8

reg_asym_atr1l2_avg_mean vs slug



Right In: 649.738+/-303.825 χ^2/NDF : 1.5/1

Left Out: 471.416+/-138.869 χ^2/NDF : 13.9/9

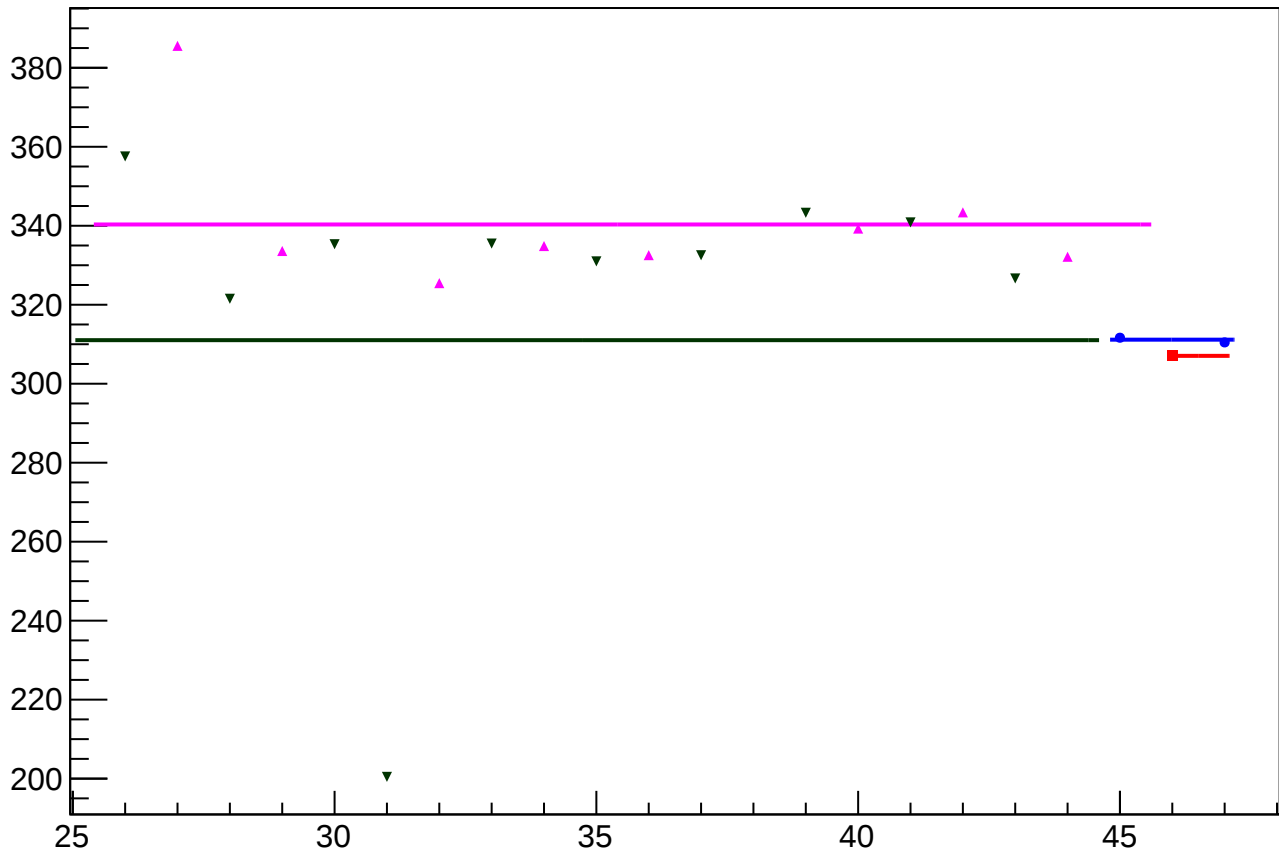
Right Out: 24.142+/-470.836 χ^2/NDF : 0.0/0

Left In: -307.654+/-151.998 χ^2/NDF : 4.5/7

502.232+/-126.302 χ^2/NDF : 15.7/11

-276.339+/-144.647 χ^2/NDF : 4.9/8

reg_asym_atr1l2_avg_rms vs slug



Right In: 311.155 ± 0.215 χ^2/NDF : 7.4/1

Left Out: 311.029 ± 0.098 χ^2/NDF : 279202.9/9

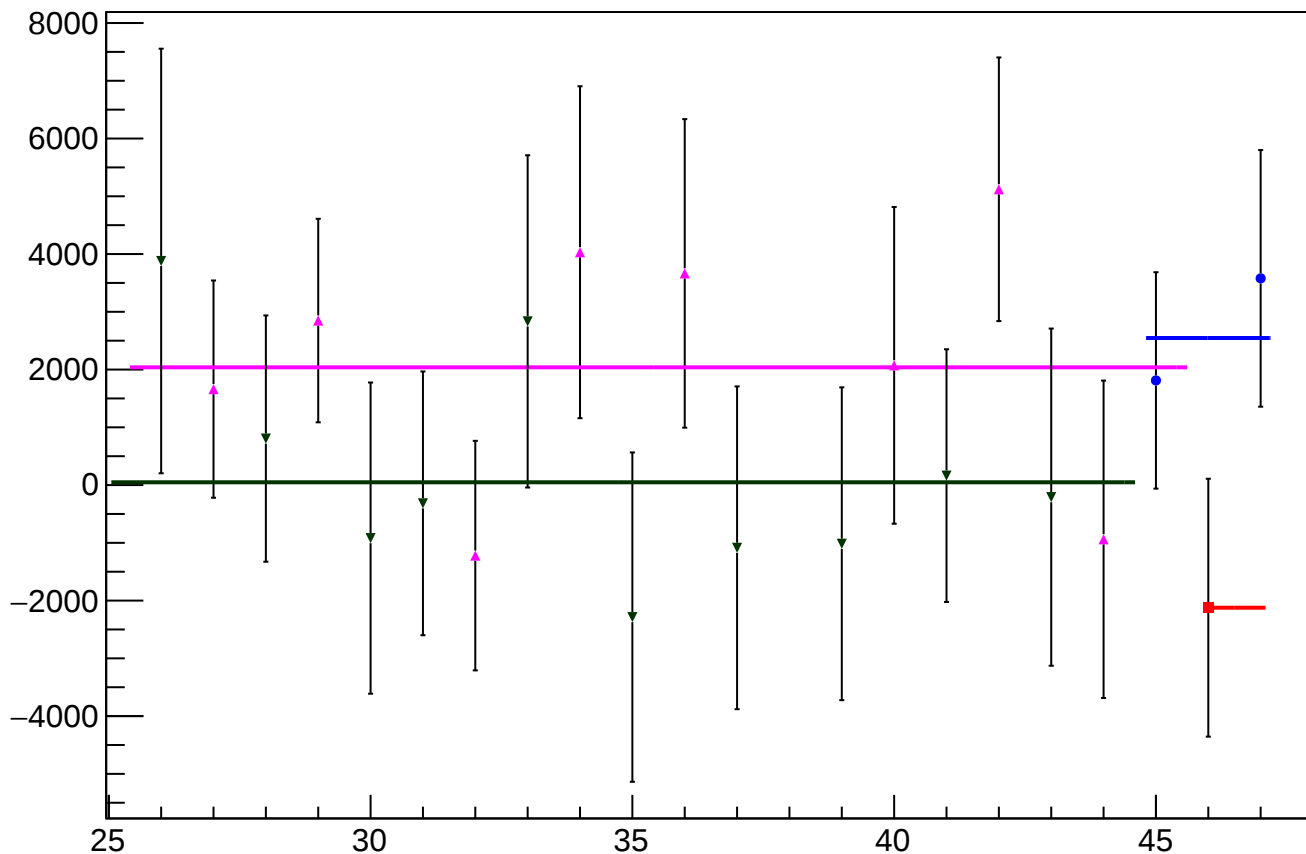
Right Out: 307.056 ± 0.333 χ^2/NDF : 0.0/0

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.3/7

311.051 ± 0.089 χ^2/NDF : 279210.6/11

337.184 ± 0.102 χ^2/NDF : 38020.5/8

asym_atr1l2_avg_correction_mean vs slug



Right In: 2546.328+/-1432.255 χ^2/NDF : 0.4/1

Left Out: 48.343+/-828.109 χ^2/NDF : 3.3/9

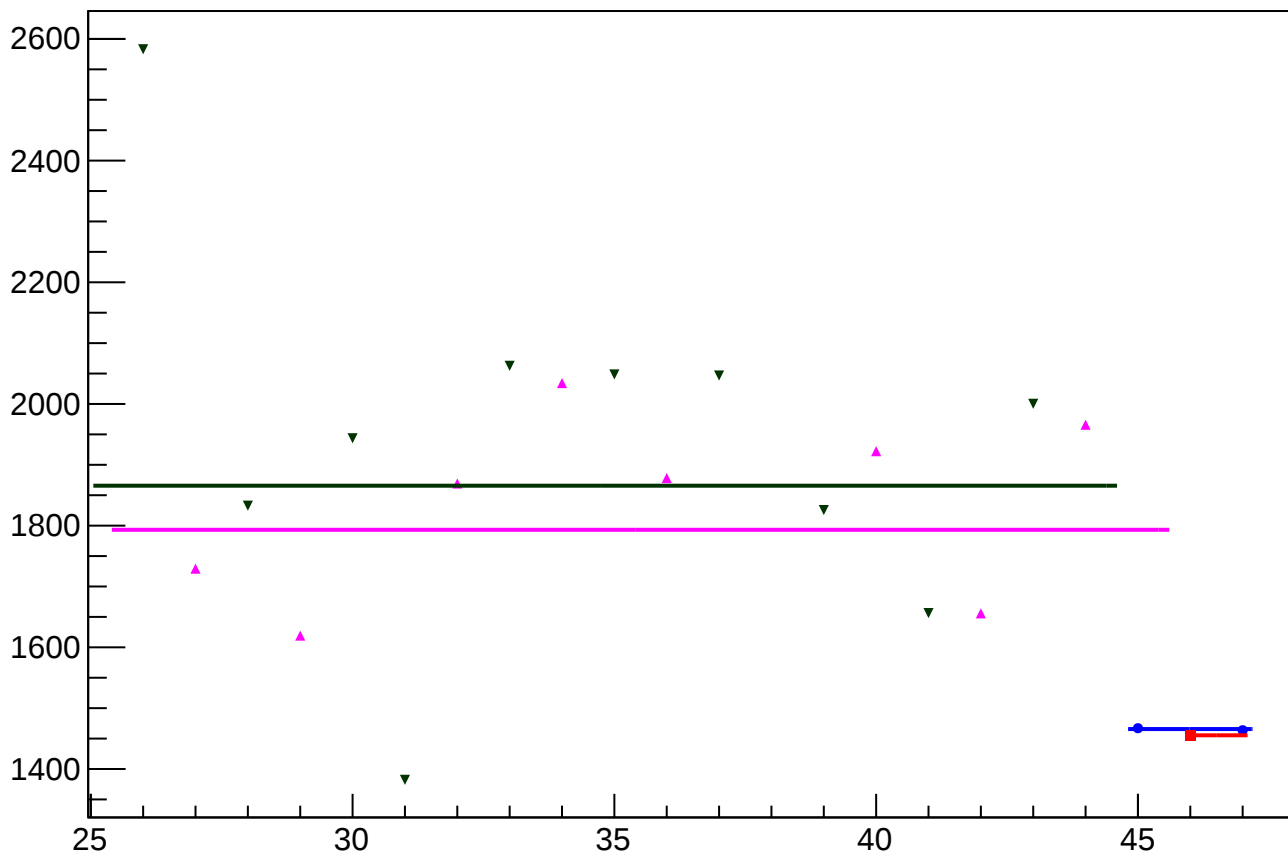
Right Out: -2122.826+/-2232.637 χ^2/NDF : 0.0/0

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

674.194+/-716.904 χ^2/NDF : 6.0/11

1568.967+/-750.094 χ^2/NDF : 9.9/8

asym_atr1l2_avg_correction_rms vs slug



Right In: 1465.667 ± 1.013 $\chi^2/\text{NDF}: 2.6/1$

Left Out: 1865.656 ± 0.586 $\chi^2/\text{NDF}: 217022.9/9$

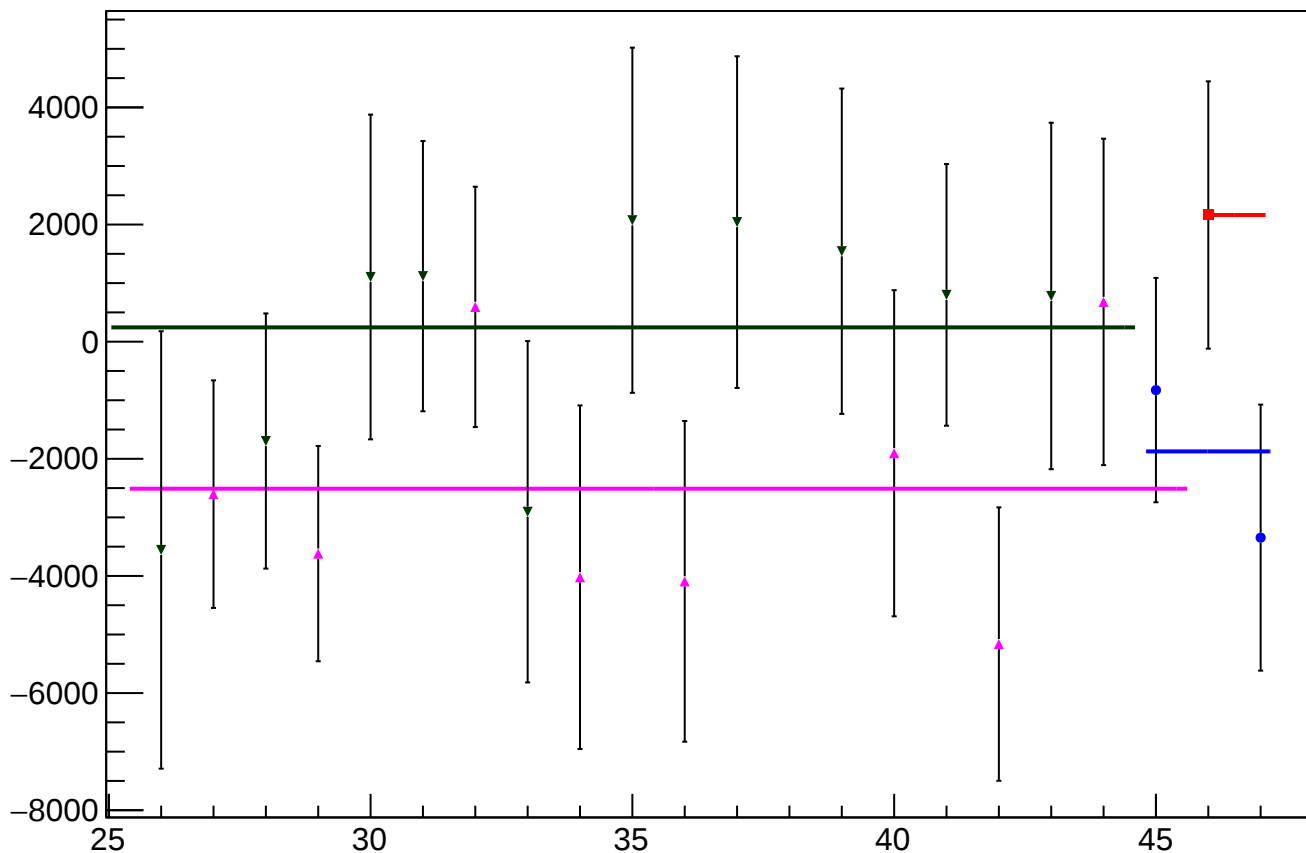
Right Out: 1455.394 ± 1.579 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1793.191 ± 0.563 $\chi^2/\text{NDF}: 60429.1/7$

1765.442 ± 0.507 $\chi^2/\text{NDF}: 333930.2/11$

1755.062 ± 0.530 $\chi^2/\text{NDF}: 101044.5/8$

asym_atr1l2_avg_mean vs slug



Right In: -1873.627 $\pm$ 1464.239 χ^2 /NDF: 0.7/1

Left Out: 244.304 $\pm$ 844.452 χ^2 /NDF: 4.3/9

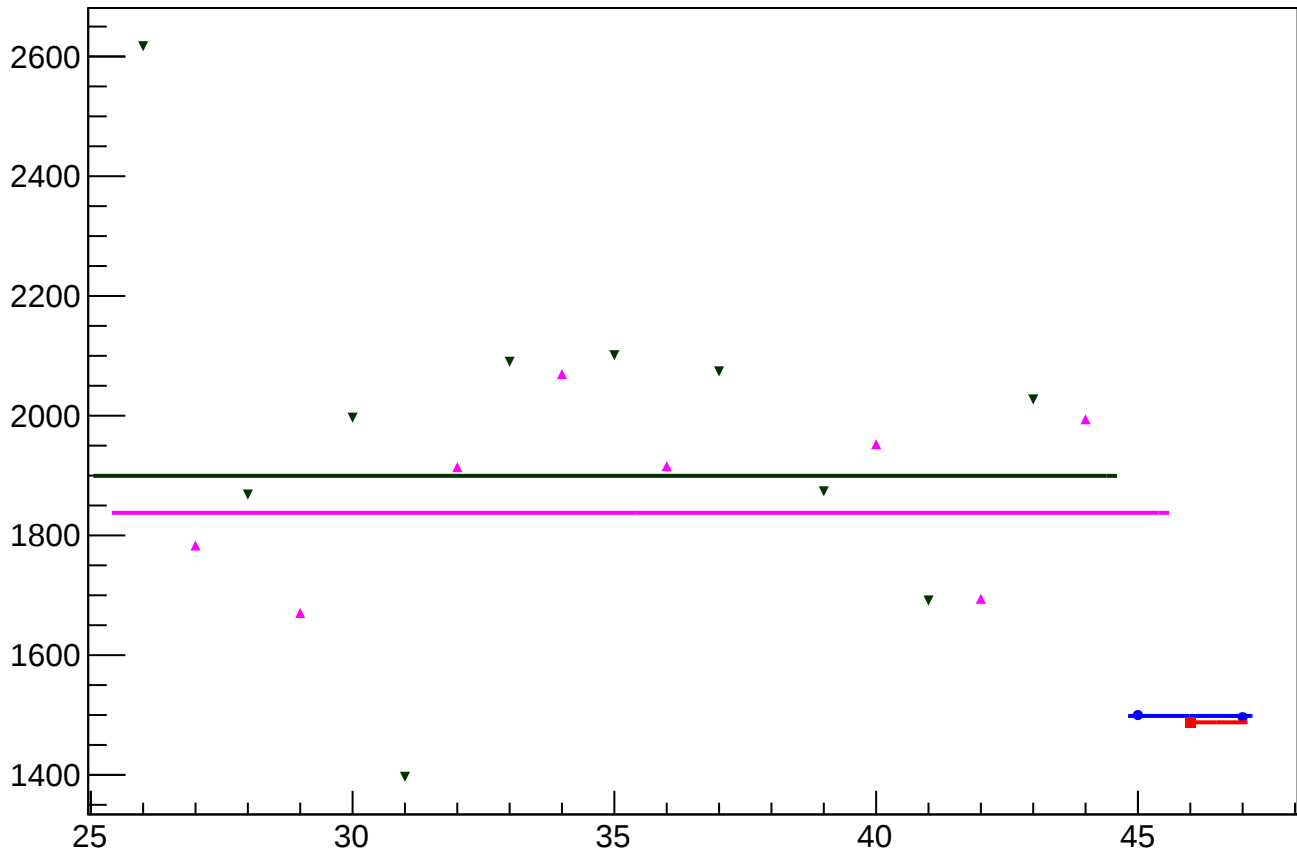
Right Out: 2163.103 $\pm$ 2282.208 χ^2 /NDF: 0.0/0

Left In: -2510.541 $\pm$ 819.482 χ^2 /NDF: 5.9/7

-284.308 $\pm$ 731.517 χ^2 /NDF: 6.6/11

-1976.770 $\pm$ 771.267 χ^2 /NDF: 9.6/8

asym_atr1l2_avg_rms vs slug



Right In: 1498.472+/-1.035 χ^2/NDF : 2.8/1

Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

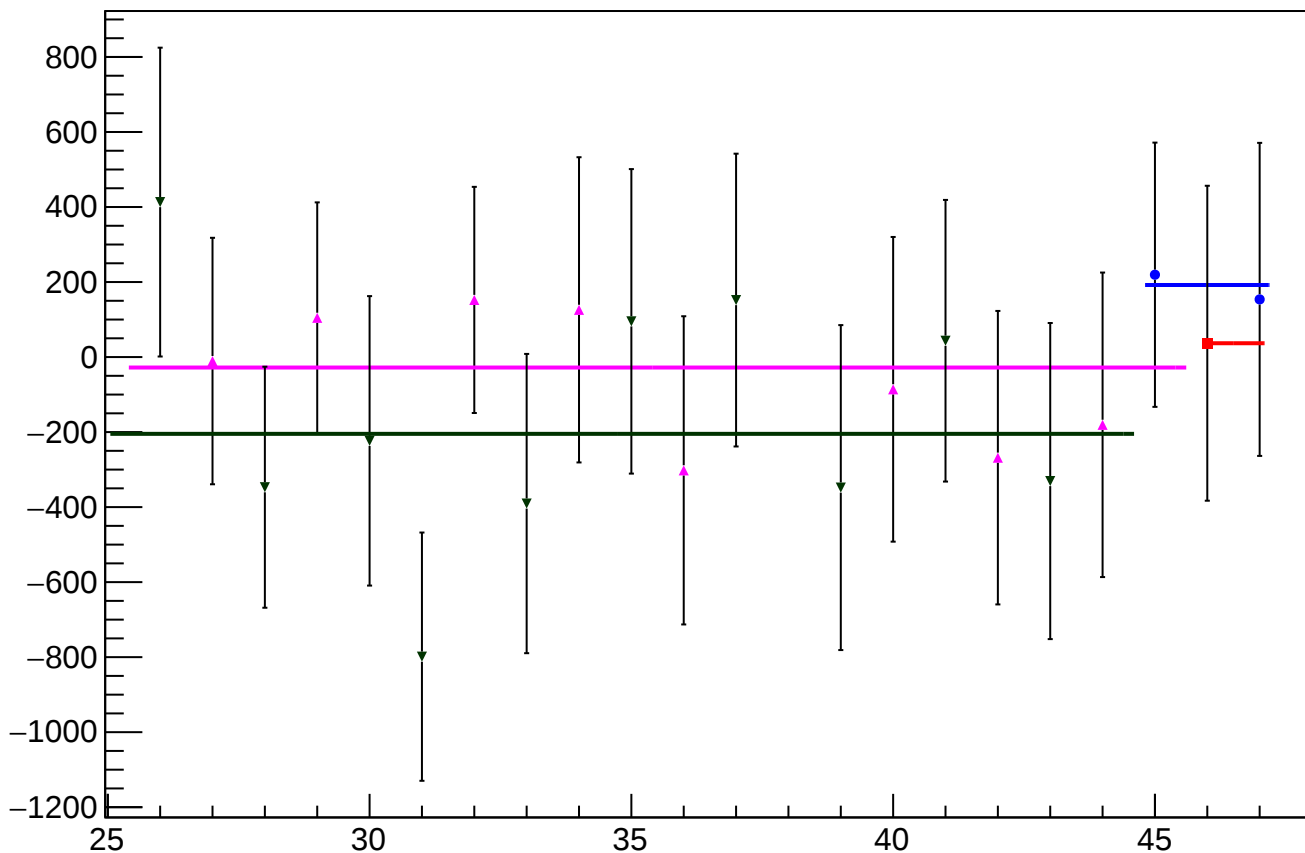
Right Out: 1487.816+/-1.614 χ^2/NDF : 0.0/0

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1799.421+/-0.517 χ^2/NDF : 331039.2/11

1797.836+/-0.545 χ^2/NDF : 93932.8/8

reg_asym_atr1l2_dd_mean vs slug



Right In: 192.118+/-269.160 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -204.705+/-120.898 $\chi^2/\text{NDF}:7.9/9$

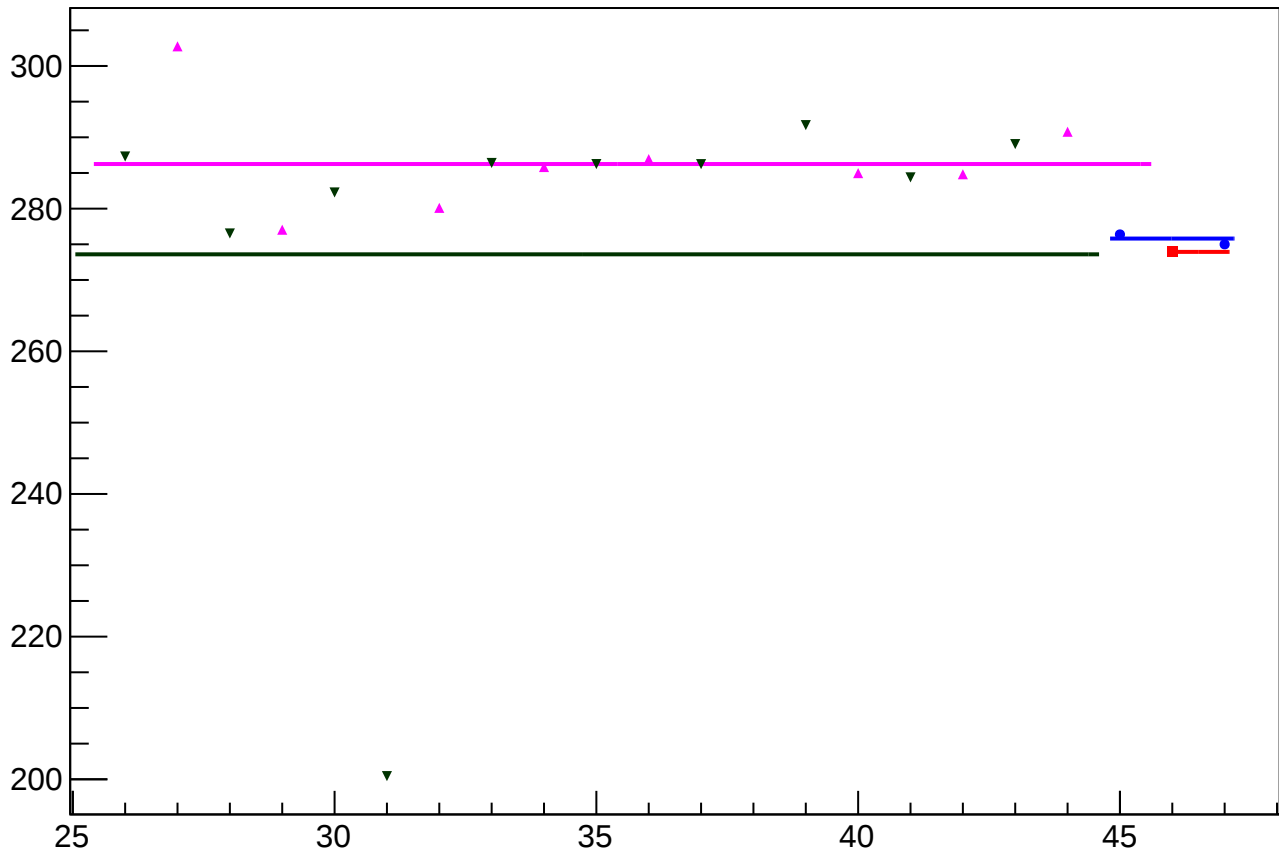
Right Out: 36.852+/-419.793 $\chi^2/\text{NDF}: 0.0/0$

Left In: -27.916+/-127.552 $\chi^2/\text{NDF}:1.7/7$

-138.085+/-110.284 $\chi^2/\text{NDF}: 9.7/11$

-22.442+/-122.043 $\chi^2/\text{NDF}: 1.7/8$

reg_asym_atr1l2_dd_rms vs slug



Right In: 275.805 $\pm$ 0.190 χ^2/NDF : 12.9/1

Left Out: 273.595 $\pm$ 0.085 χ^2/NDF : 115068.4/9

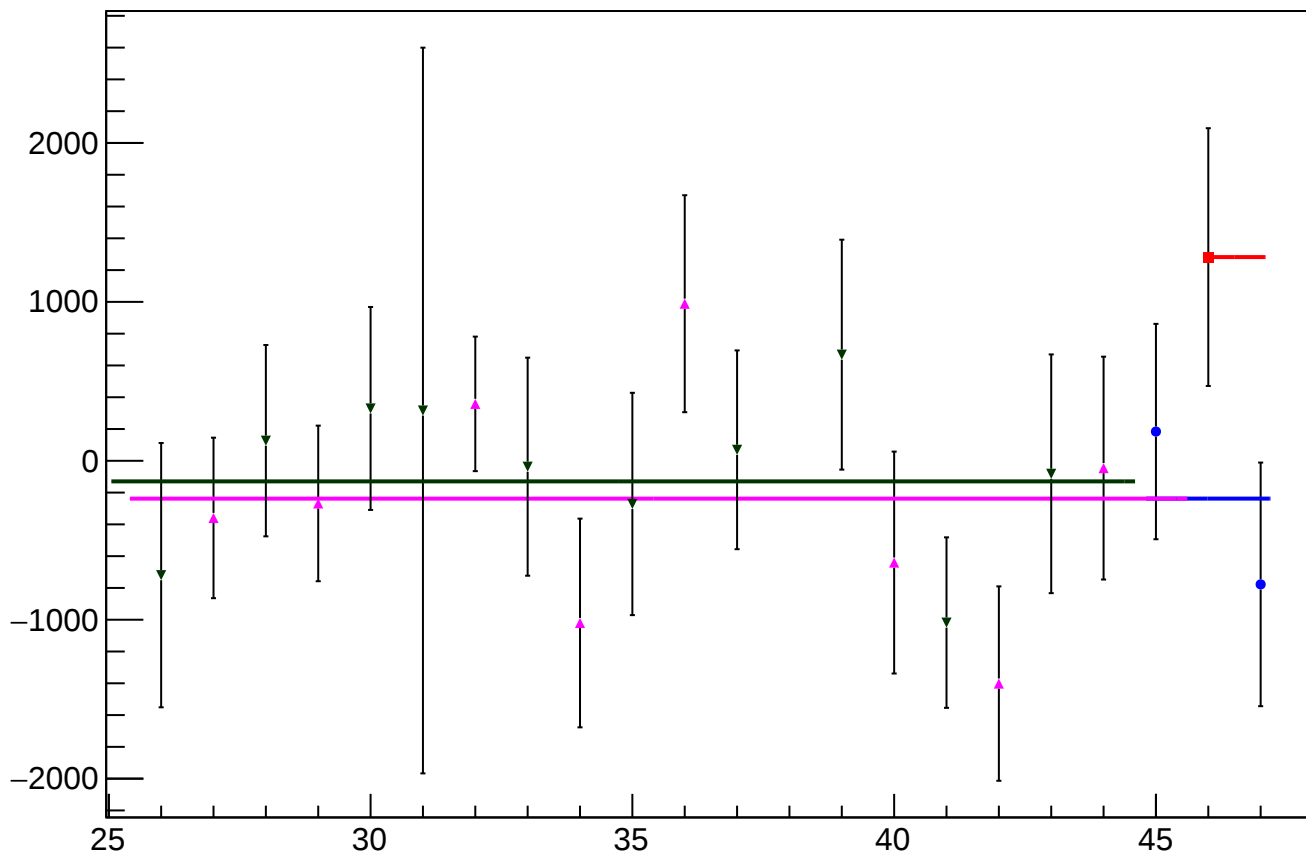
273.966 $\pm$ 0.078 χ^2/NDF : 115193.5/11

Right Out: 273.936 $\pm$ 0.297 χ^2/NDF : 0.0/0

285.214 $\pm$ 0.086 χ^2/NDF : 9545.4/8

Left In: 286.255 $\pm$ 0.090 χ^2/NDF : 7968.8/7

asym_atr1l2_dd_correction_mean vs slug



Right In: -237.811+/-507.658 χ^2/NDF : 0.9/1

Left Out: -129.532+/-219.616 χ^2/NDF : 5.4/9

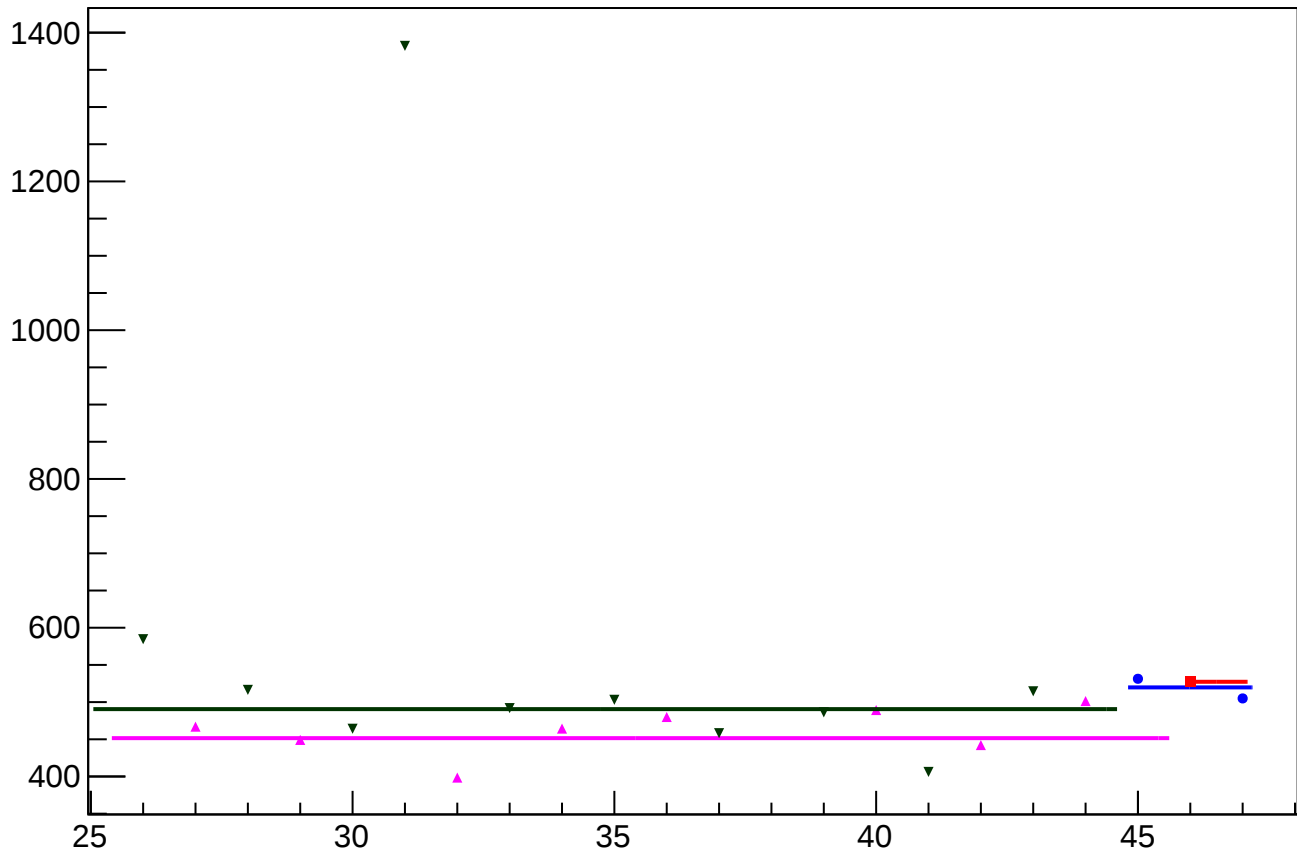
Right Out: 1281.890+/-810.993 χ^2/NDF : 0.0/0

Left In: -238.069+/-200.408 χ^2/NDF : 10.7/7

-146.601+/-201.563 χ^2/NDF : 6.3/11

-150.593+/-194.556 χ^2/NDF : 14.0/8

asym_atr1l2_dd_correction_rms vs slug



Right In: 519.768 ± 0.359 χ^2/NDF : 1331.6/1

Left Out: 490.574 ± 0.155 χ^2/NDF : 395329.3/9

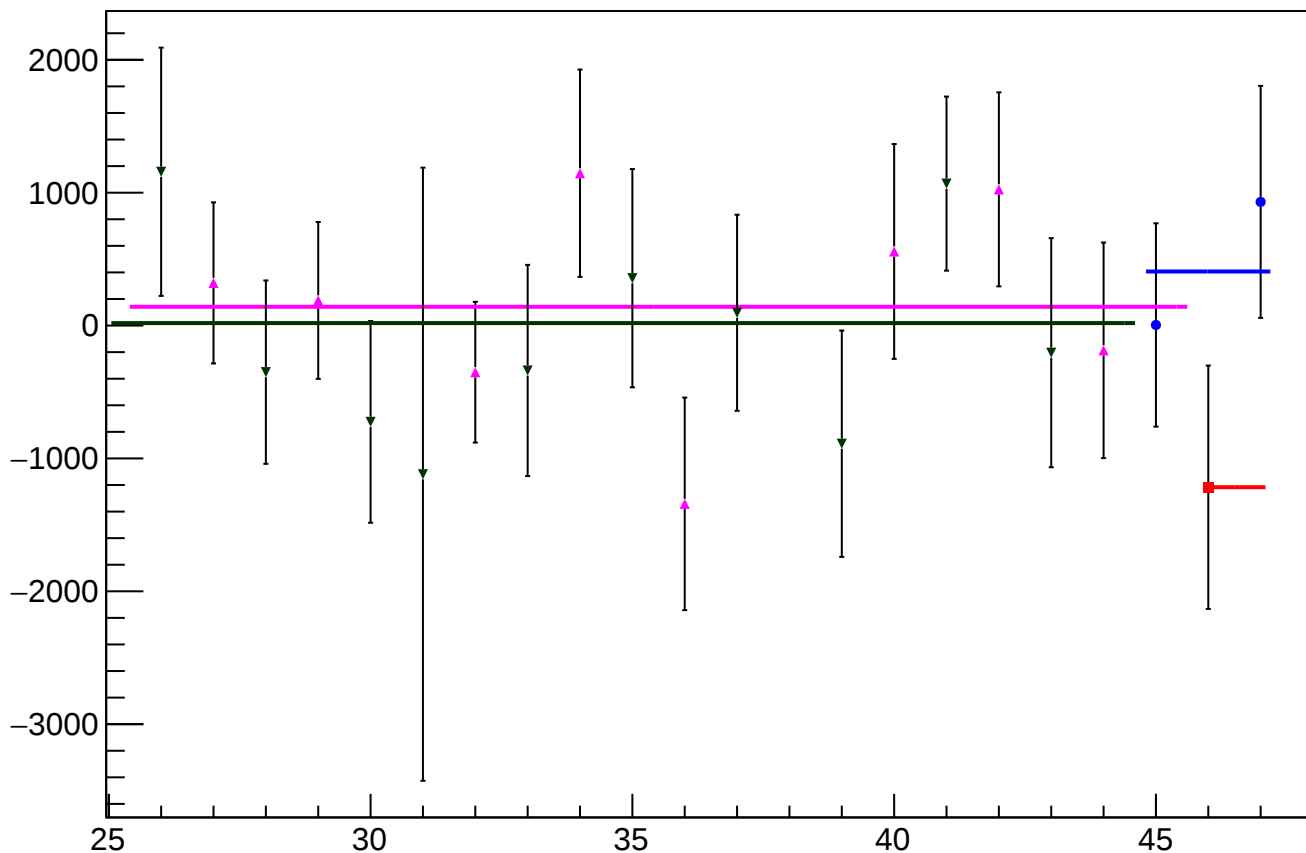
Right Out: 527.321 ± 0.573 χ^2/NDF : 0.0/0

Left In: 451.550 ± 0.142 χ^2/NDF : 53983.7/7

495.176 ± 0.143 χ^2/NDF : 402232.4/11

455.910 ± 0.138 χ^2/NDF : 70437.5/8

asym_atr1l2_dd_mean vs slug



Right In: 406.945+/-575.455 χ^2/NDF : 0.6/1

Left Out: 18.643+/-257.116 χ^2/NDF : 7.1/9

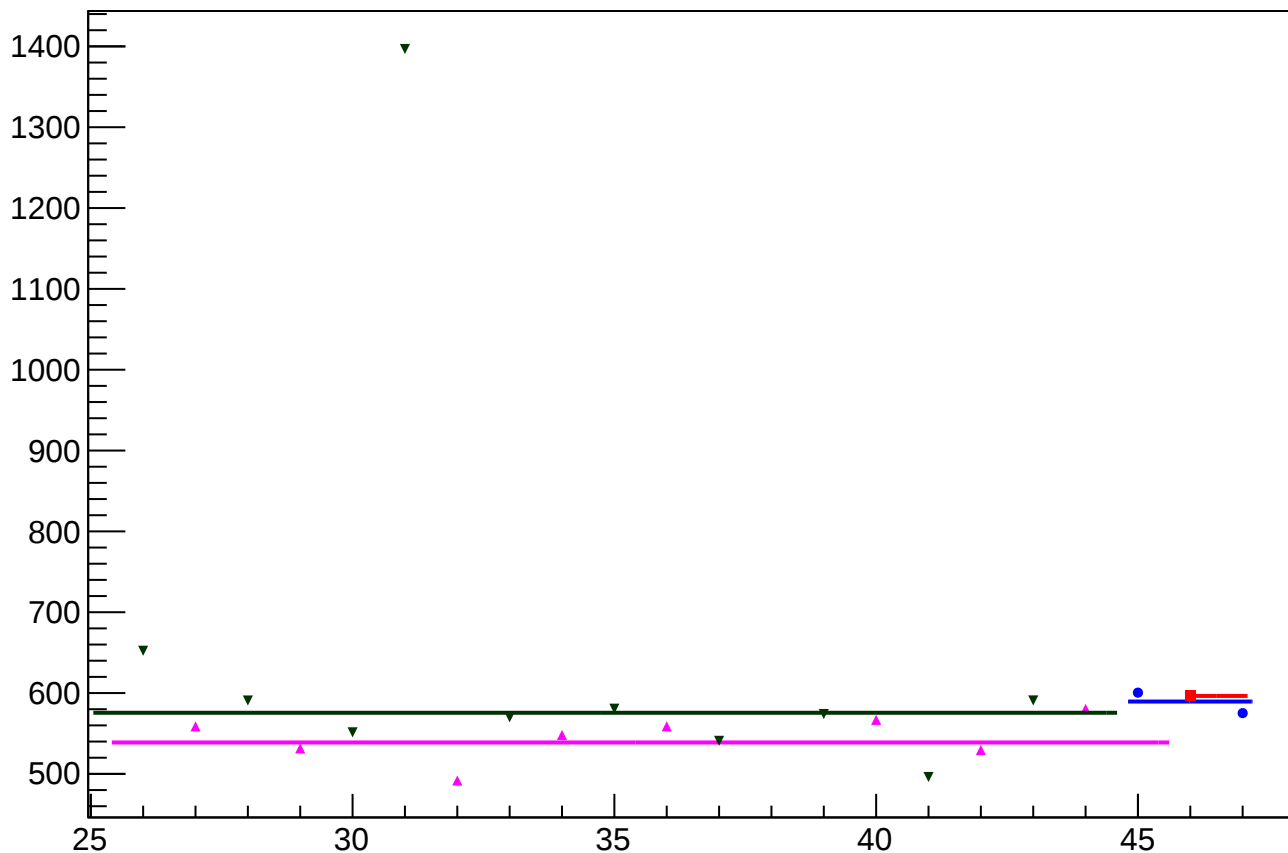
Right Out: -1216.717+/-915.744 χ^2/NDF : 0.0/0

Left In: 141.414+/-240.490 χ^2/NDF : 8.0/7

83.261+/-234.749 χ^2/NDF : 8.1/11

53.790+/-232.603 χ^2/NDF : 10.0/8

asym_atr1l2_dd_rms vs slug



Right In: 589.509 ± 0.407 $\chi^2/\text{NDF}: 953.7/1$

Left Out: 575.614 ± 0.182 $\chi^2/\text{NDF}: 304506.5/9$

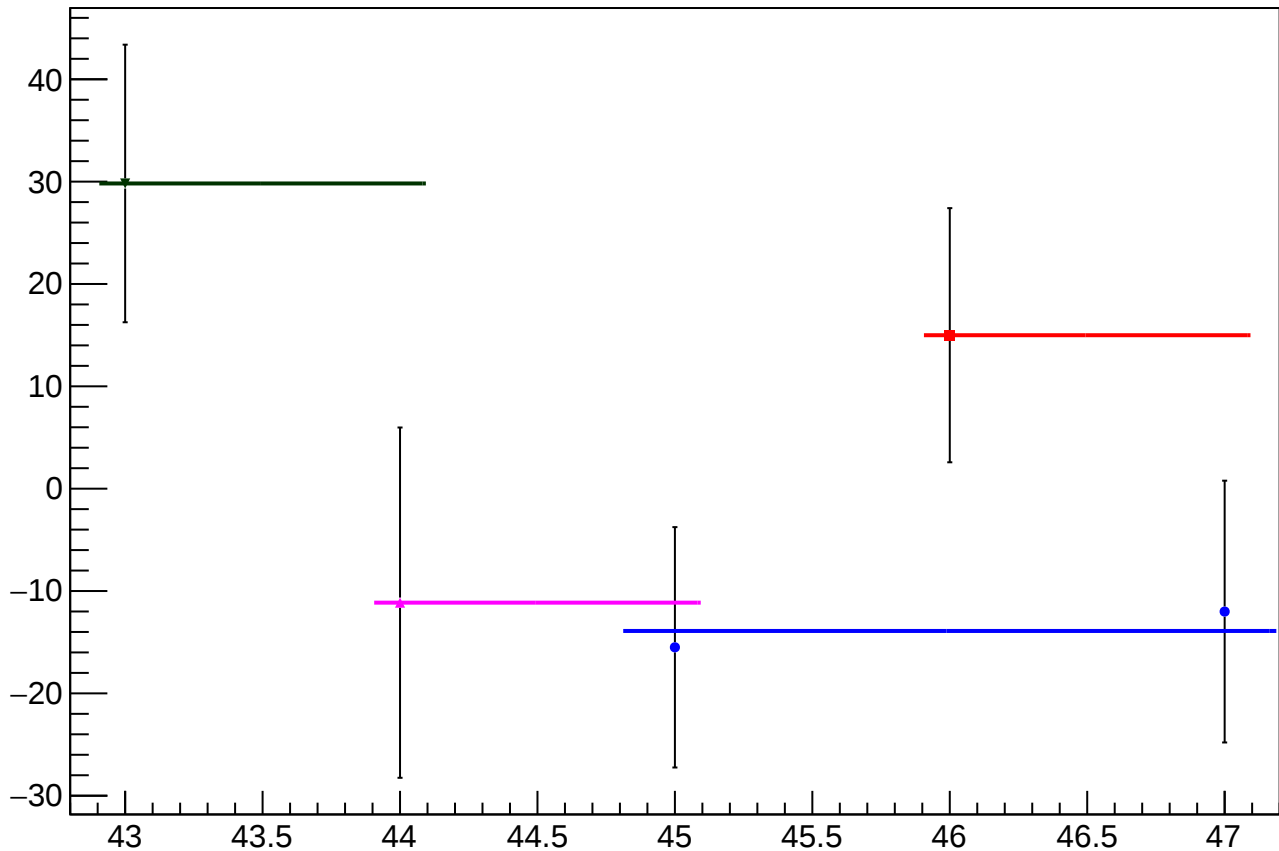
Right Out: 596.429 ± 0.648 $\chi^2/\text{NDF}: 0.0/0$

Left In: 538.892 ± 0.170 $\chi^2/\text{NDF}: 27749.5/7$

577.926 ± 0.166 $\chi^2/\text{NDF}: 306432.1/11$

542.604 ± 0.164 $\chi^2/\text{NDF}: 35135.5/8$

diff_bpm0l01X_mean vs slug



Right In: -13.902 $\pm$ 8.650 χ^2 /NDF: 0.0/1

Left Out: 29.821 $\pm$ 13.561 χ^2 /NDF: 0.0/0

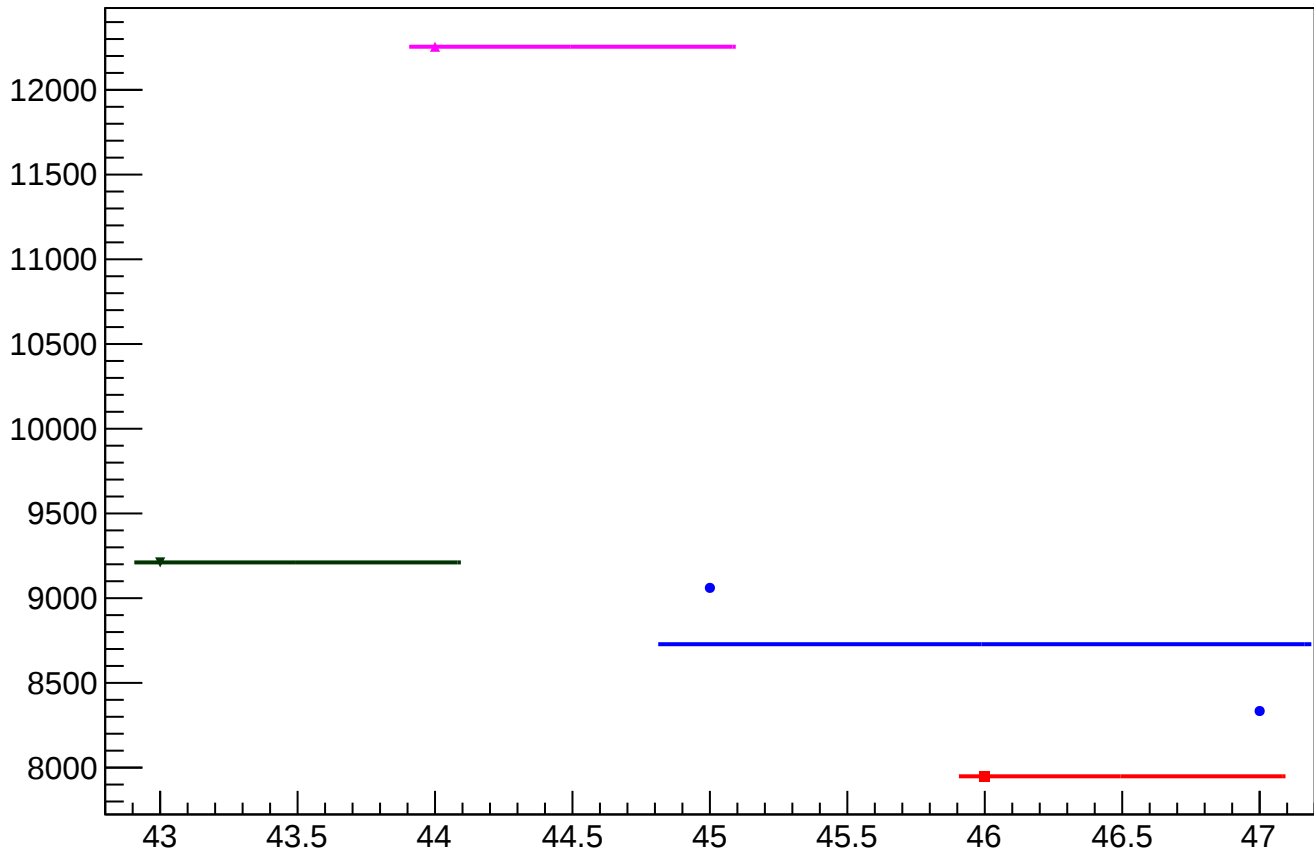
Right Out: 14.994 $\pm$ 12.416 χ^2 /NDF: 0.0/0

Left In: -11.136 $\pm$ 17.113 χ^2 /NDF: 0.0/0

-1.258 $\pm$ 7.293 χ^2 /NDF: 7.4/2

5.982 $\pm$ 10.050 χ^2 /NDF: 1.5/1

diff_bpm0l01X_rms vs slug



Right In: 8728.317 $\pm$ 6.116 χ^2/NDF : 3504.5/1

Left Out: 9211.048 $\pm$ 9.589 χ^2/NDF : 0.0/0

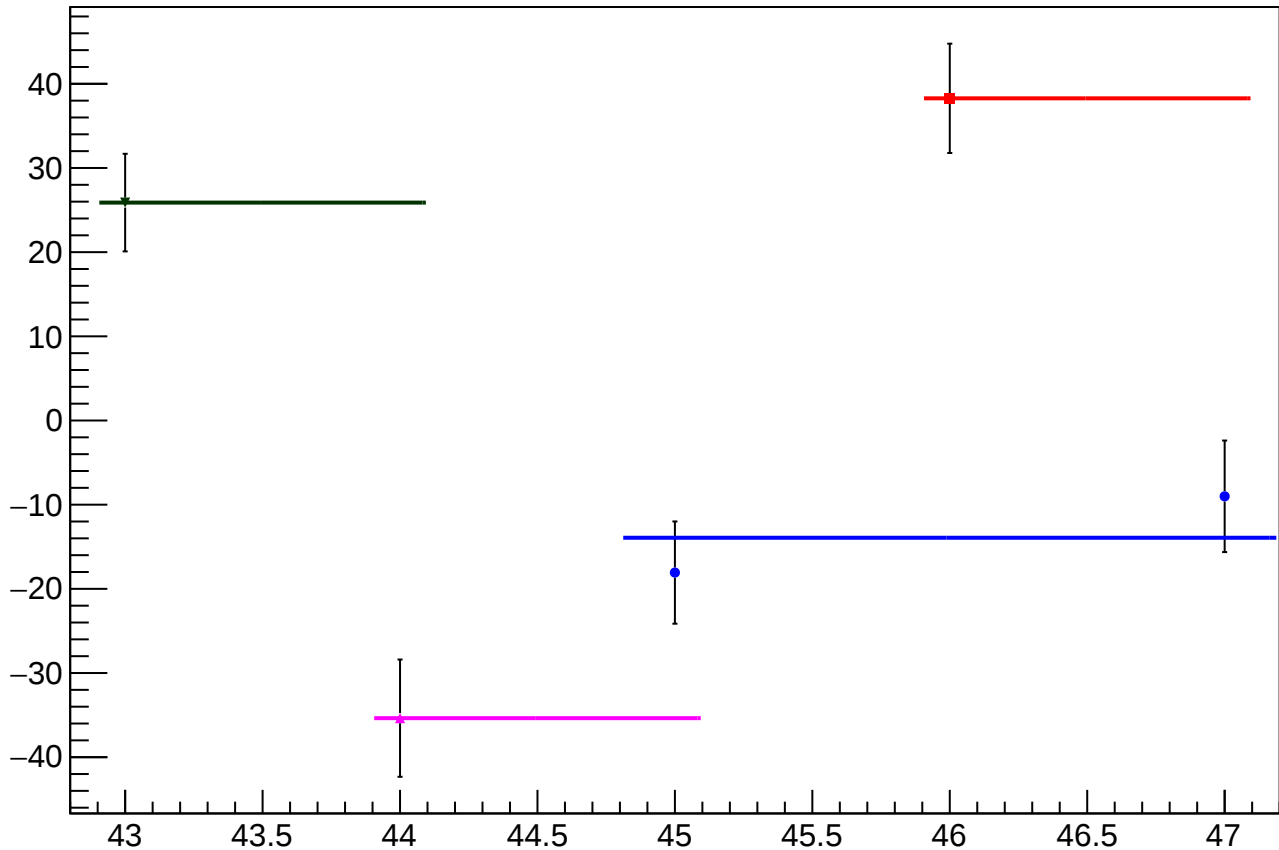
Right Out: 7948.661 $\pm$ 8.780 χ^2/NDF : 0.0/0

Left In: 12254.628 $\pm$ 12.101 χ^2/NDF : 0.0/0

8867.917 $\pm$ 5.157 χ^2/NDF : 5305.9/2

9433.699 $\pm$ 7.106 χ^2/NDF : 82954.6/1

diff_bpm0l01Y_mean vs slug



Right In: -13.930 ± 4.477 $\chi^2/\text{NDF}: 1.0/1$

Left Out: 25.888 ± 5.797 $\chi^2/\text{NDF}: 0.0/0$

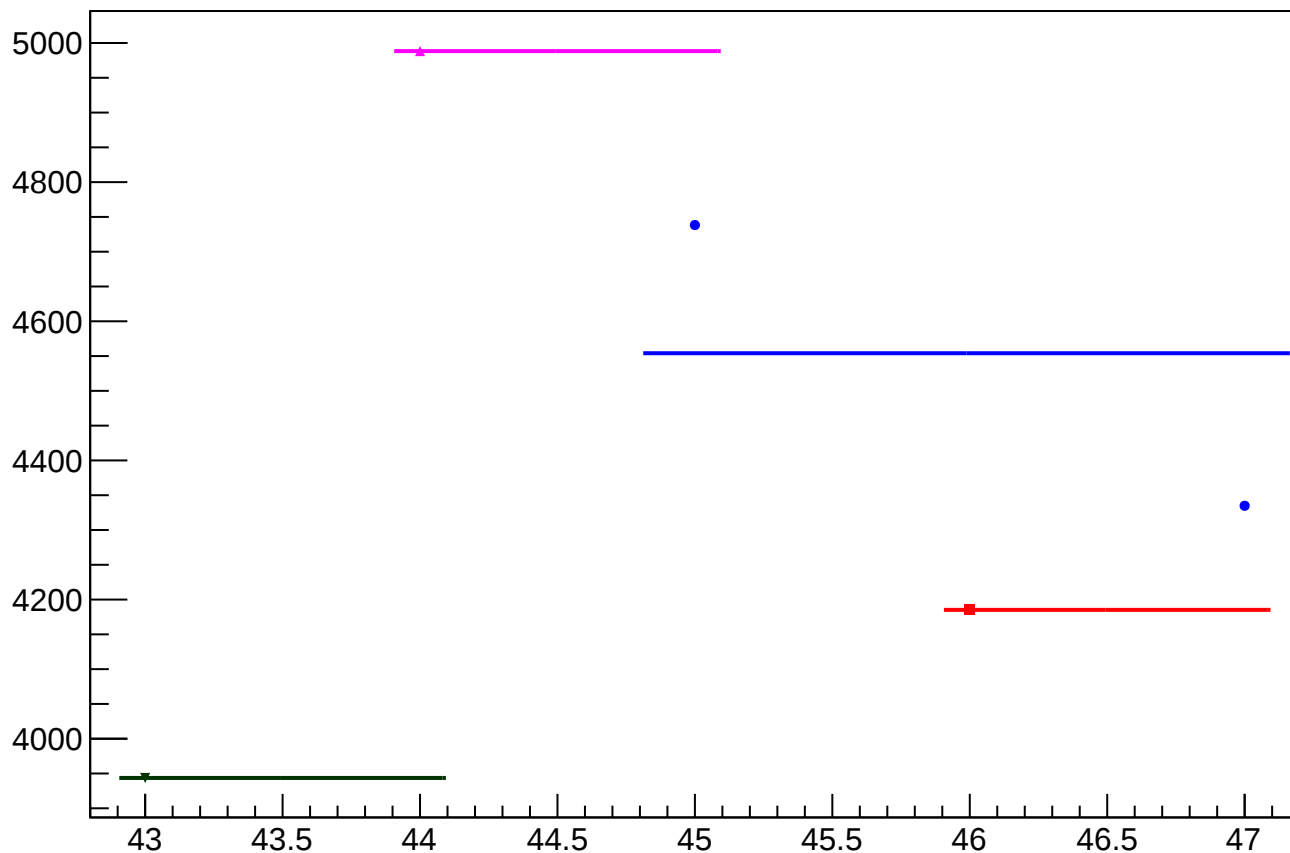
Right Out: 38.274 ± 6.494 $\chi^2/\text{NDF}: 0.0/0$

Left In: -35.362 ± 6.967 $\chi^2/\text{NDF}: 0.0/0$

0.947 ± 3.543 $\chi^2/\text{NDF}: 30.6/2$

4.038 ± 4.750 $\chi^2/\text{NDF}: 59.8/1$

diff_bpm0l01Y_rms vs slug



Right In: 4554.081+/-3.166 χ^2/NDF : 4030.7/1

Left Out: 3943.608+/-4.099 χ^2/NDF : 0.0/0

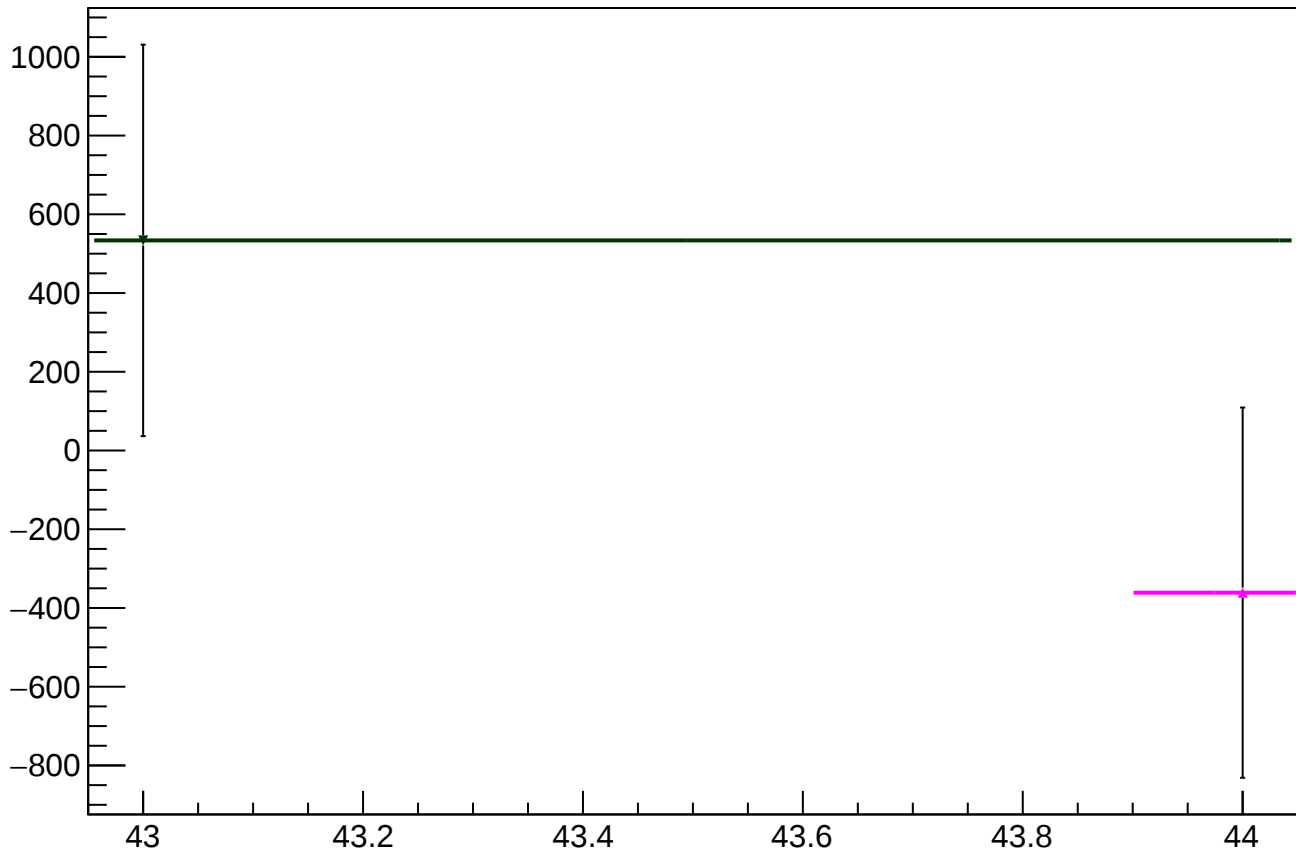
Right Out: 4185.203+/-4.592 χ^2/NDF : 0.0/0

Left In: 4988.357+/-4.926 χ^2/NDF : 0.0/0

4325.990+/-2.506 χ^2/NDF : 17923.2/2

4558.618+/-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

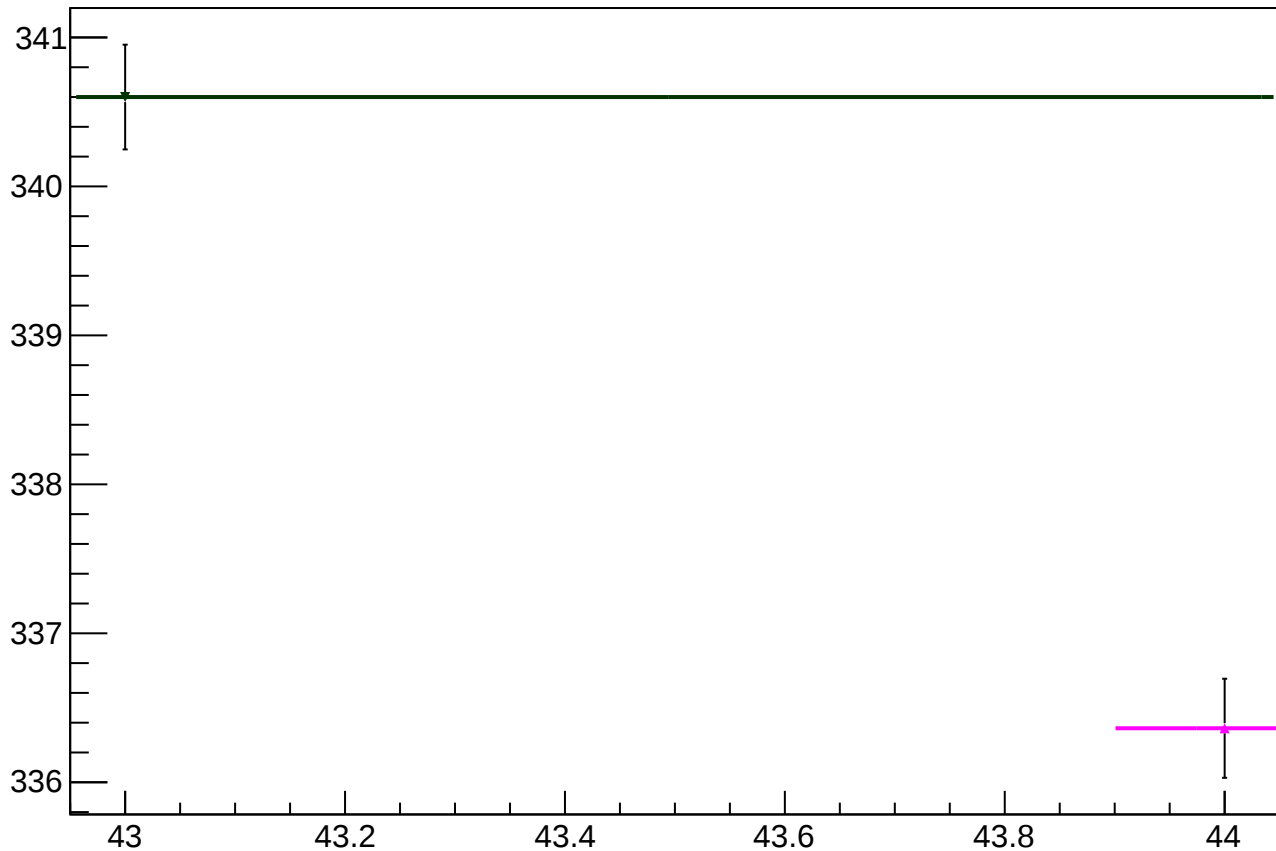
533.704+/-497.188 χ^2/NDF : 0.0/0

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

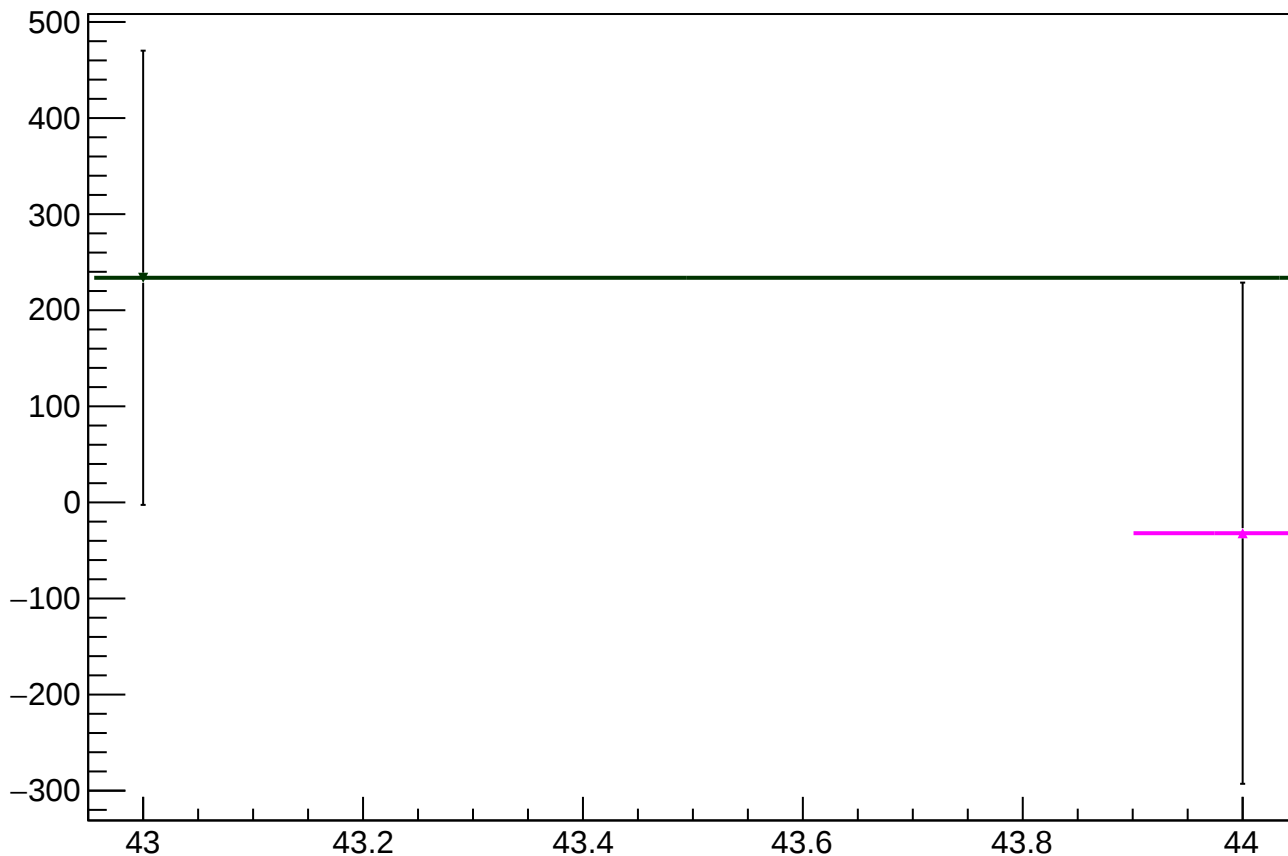
340.600+/-0.352 χ^2 /NDF: 0.0/0

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

233.776+/-236.364 χ^2/NDF : 0.0/0

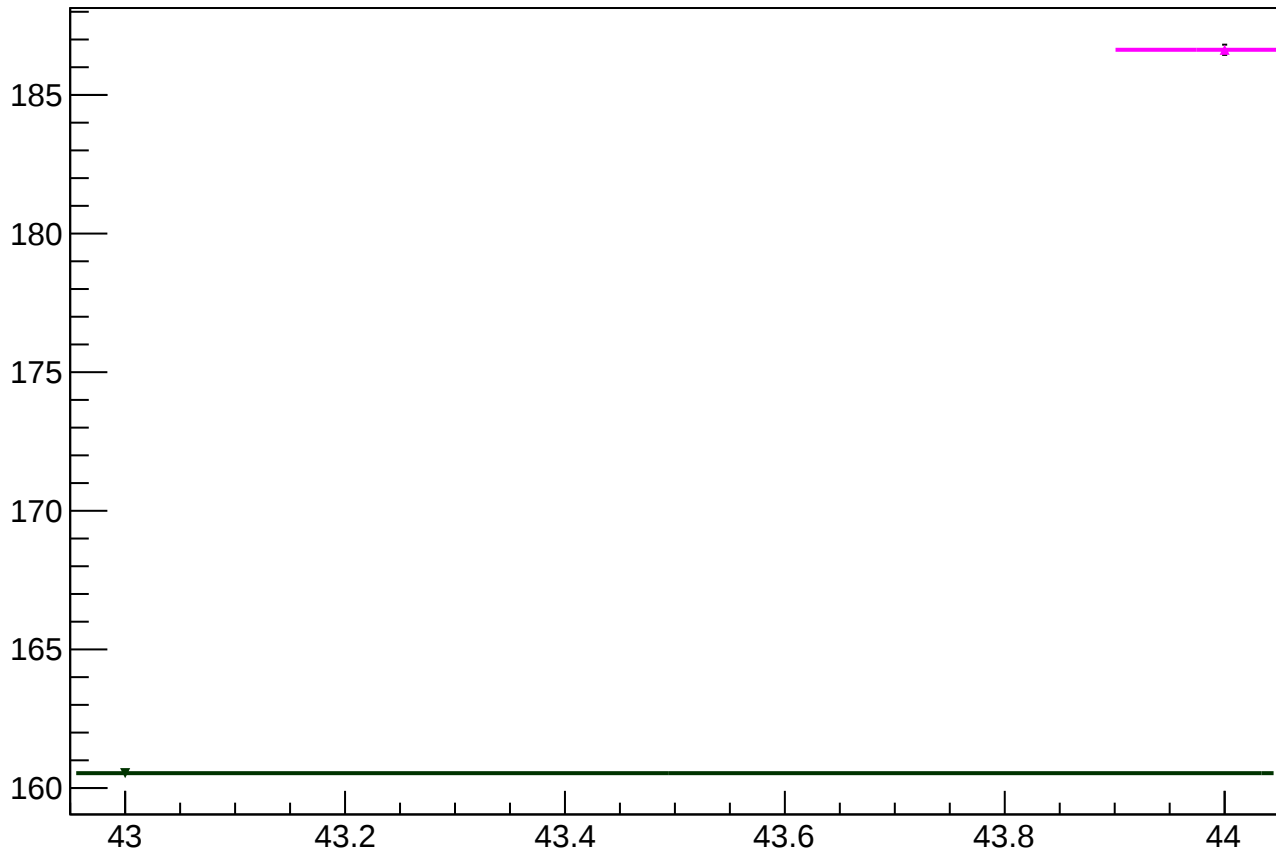
Left Out: 233.776+/-236.364 χ^2/NDF : 0.0/0

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

-32.051+/-260.803 χ^2/NDF : 0.0/0

Left In: -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

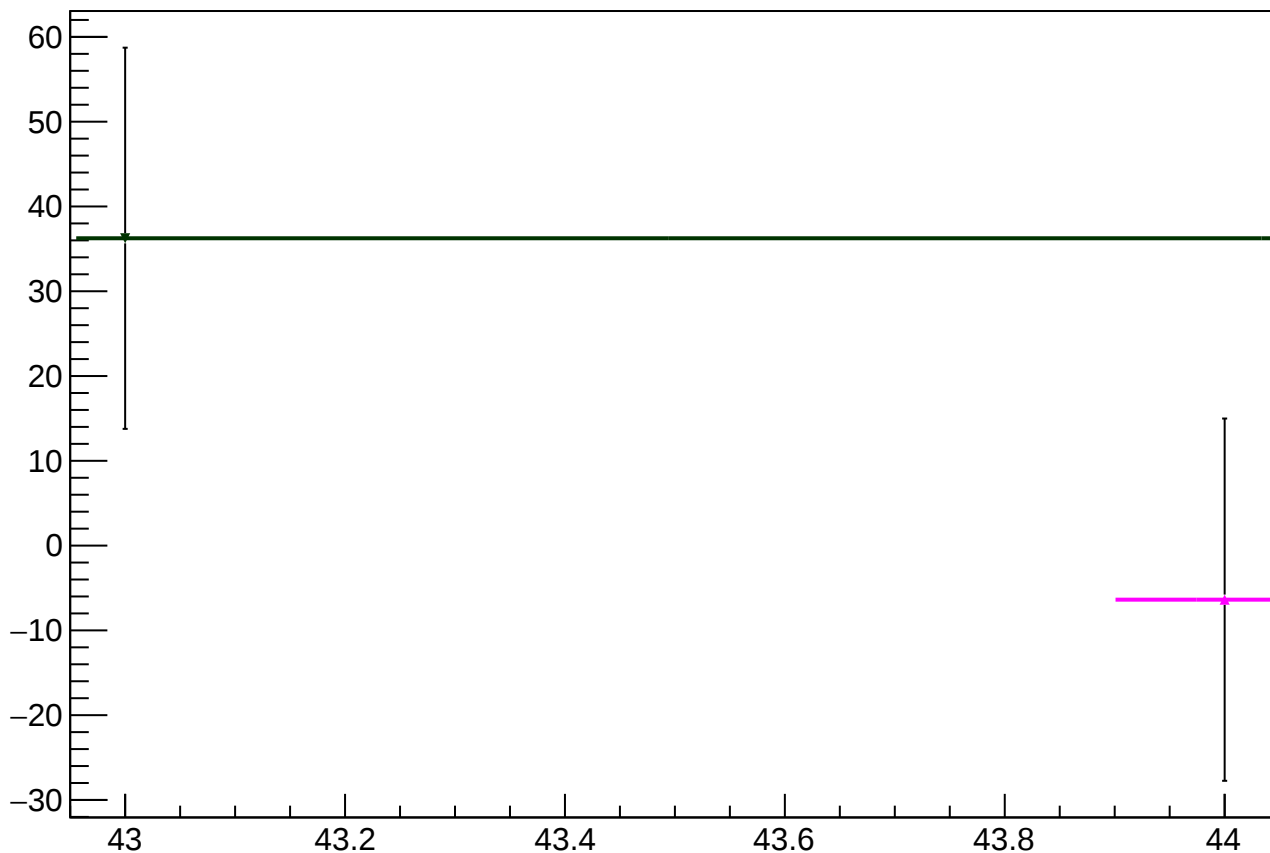
160.536+/-0.167 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 36.249 $\pm$ 22.481 χ^2 /NDF: 0.0/0

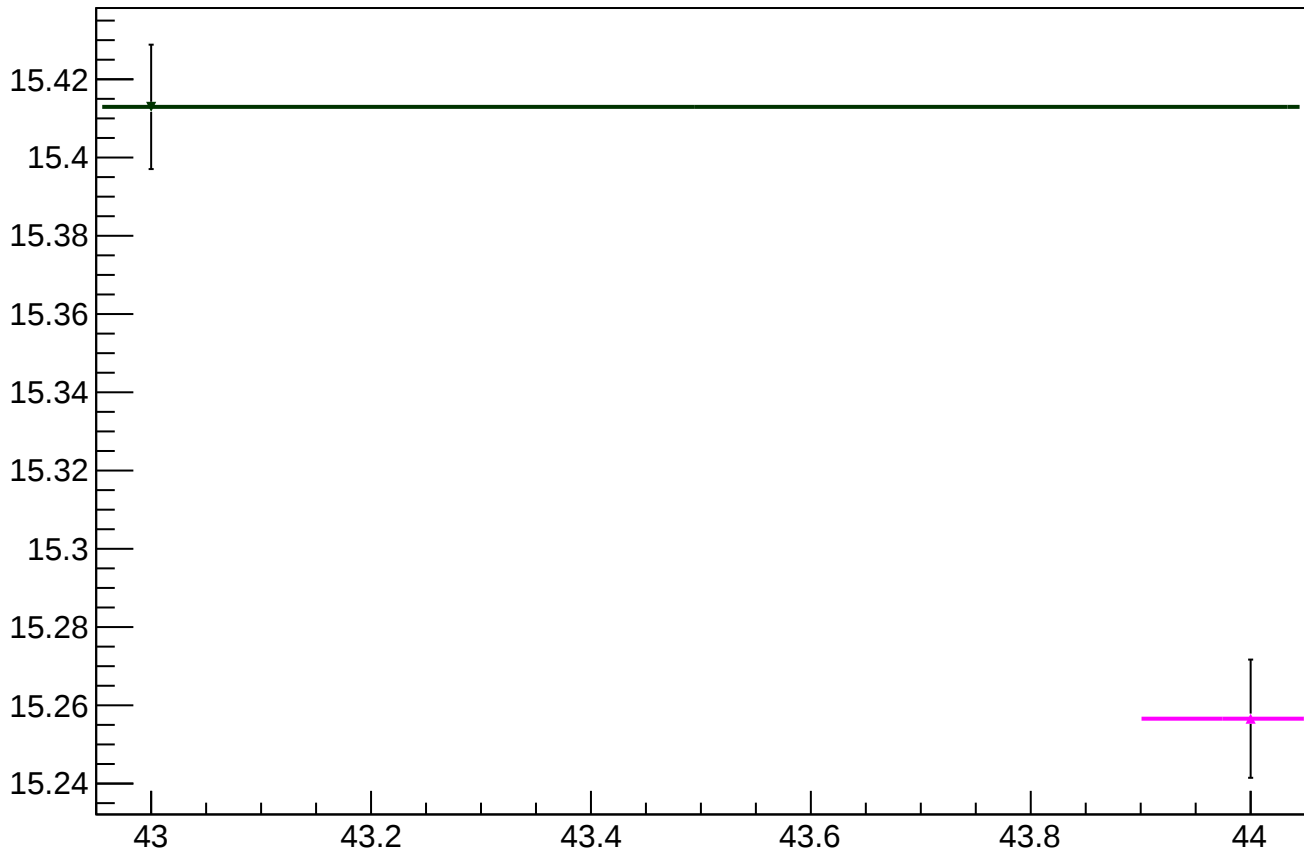
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.377 $\pm$ 21.365 χ^2 /NDF: 0.0/0

36.249 $\pm$ 22.481 χ^2 /NDF: 0.0/0

-6.377 $\pm$ 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

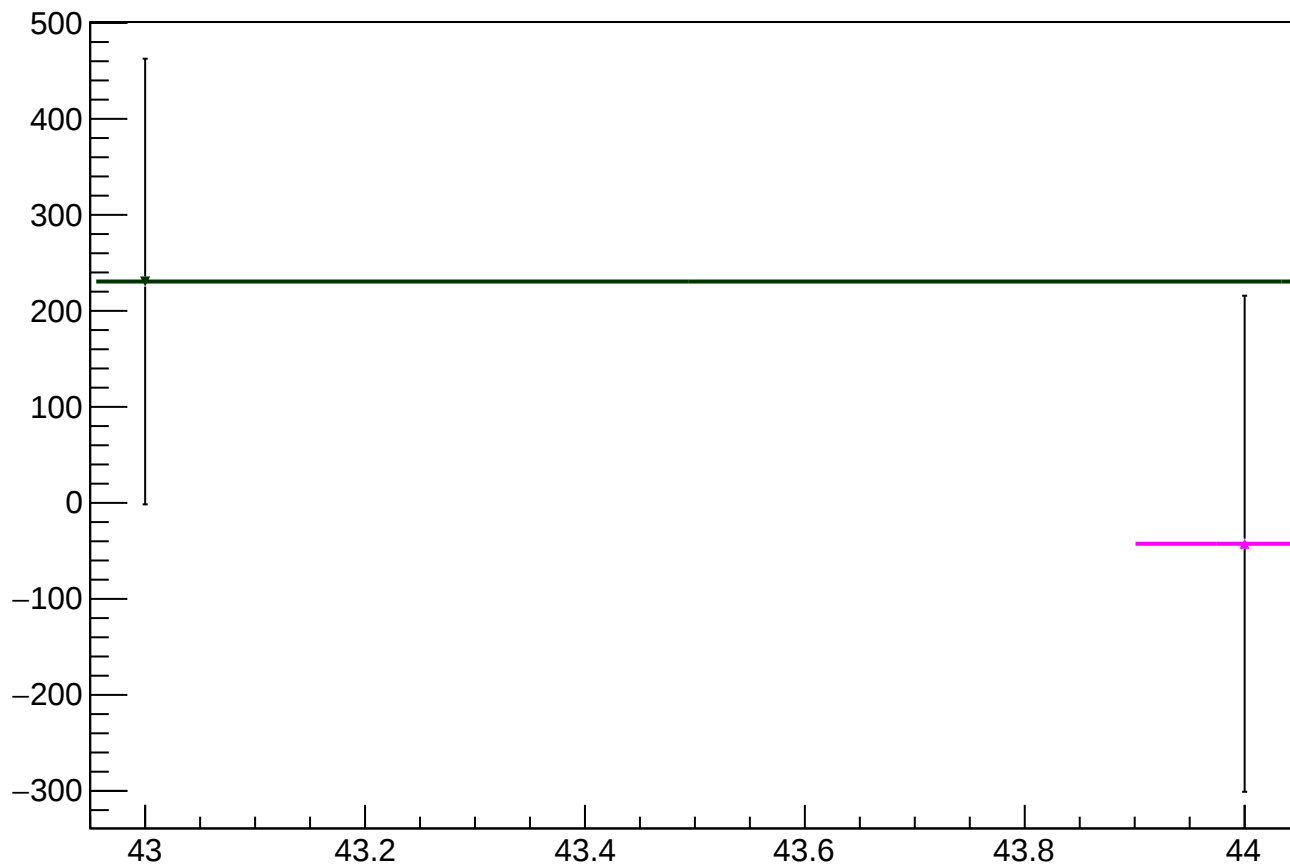
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

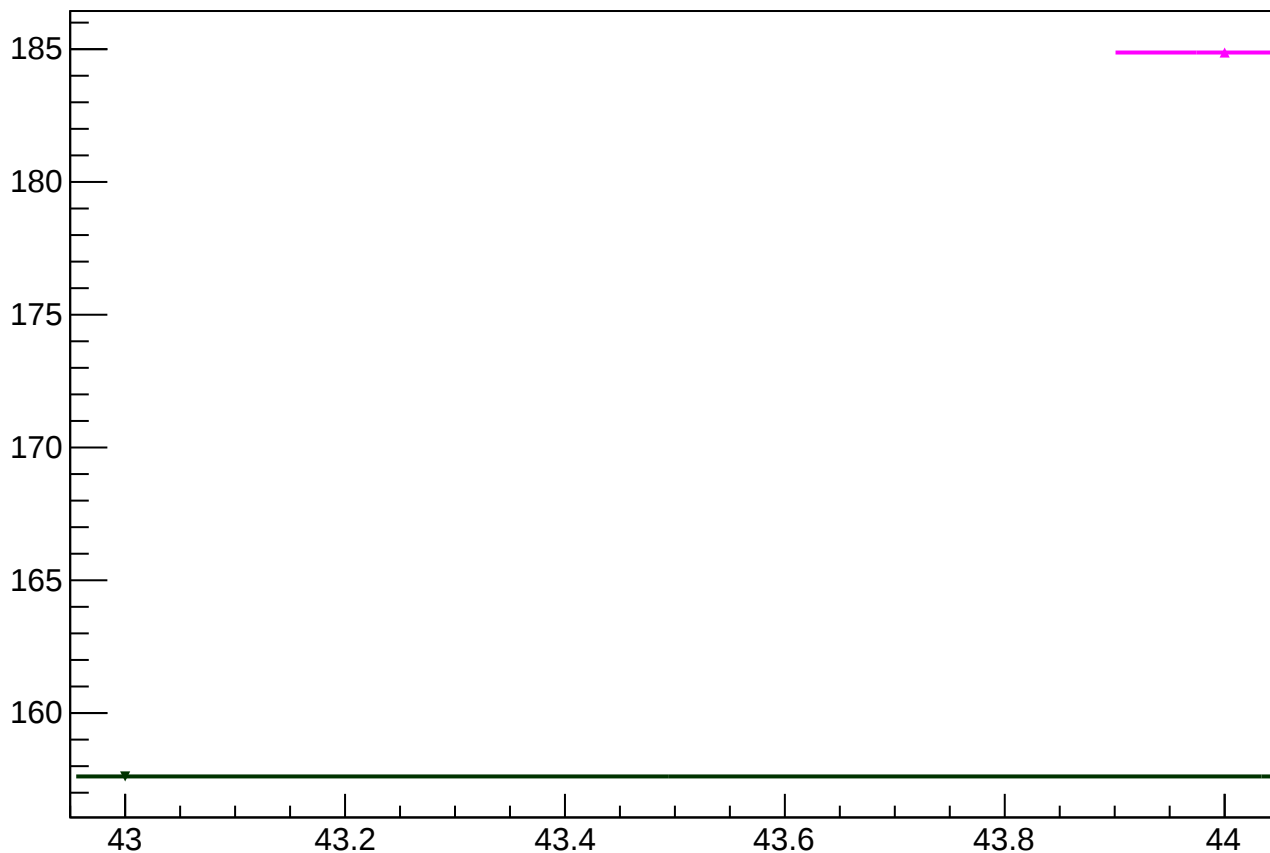
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -42.573+/-258.353 χ^2 /NDF:0.0/0

230.569+/-232.106 χ^2 /NDF: 0.0/0

-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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 157.613+/-0.164 χ^2/NDF : 0.0/0

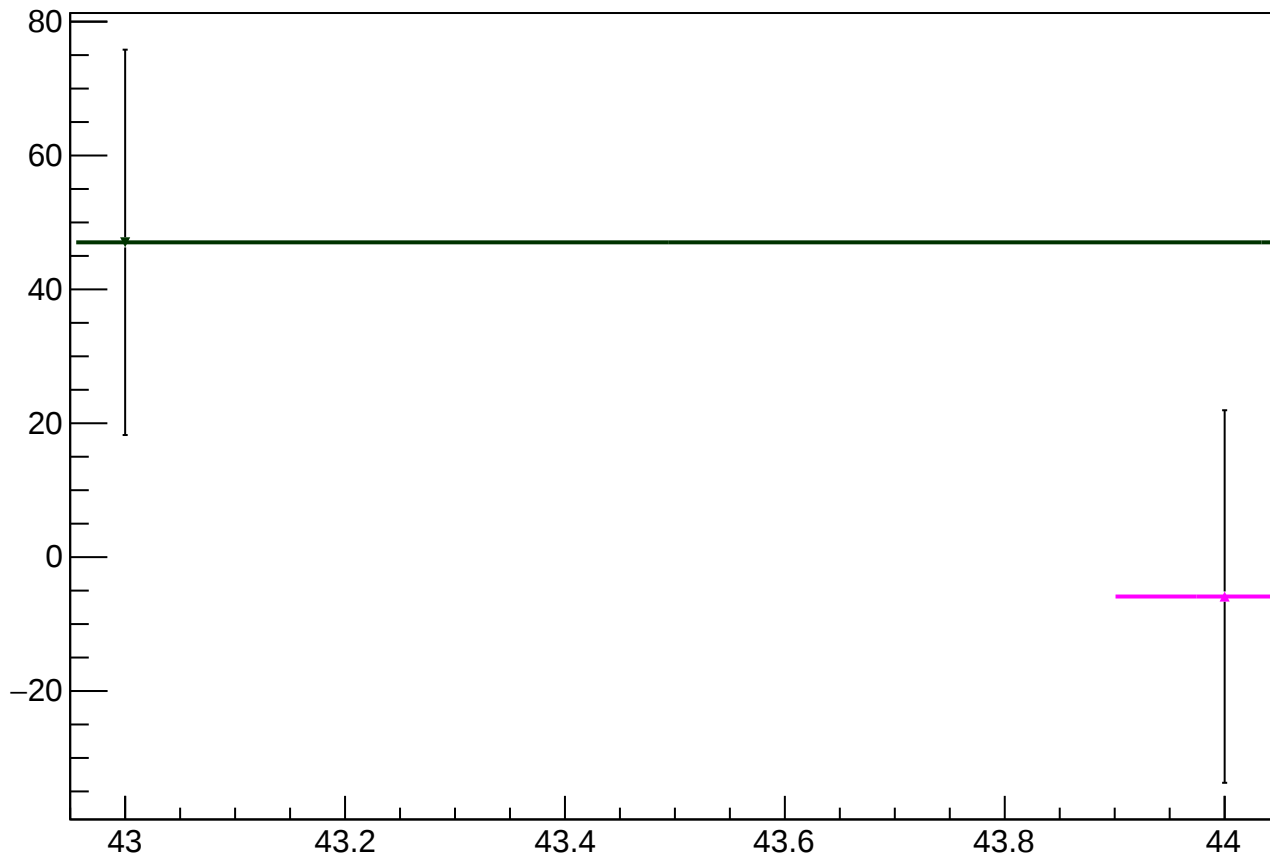
157.613+/-0.164 χ^2/NDF : 0.0/0

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

184.874+/-0.183 χ^2/NDF : 0.0/0

Left In: 184.874+/-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

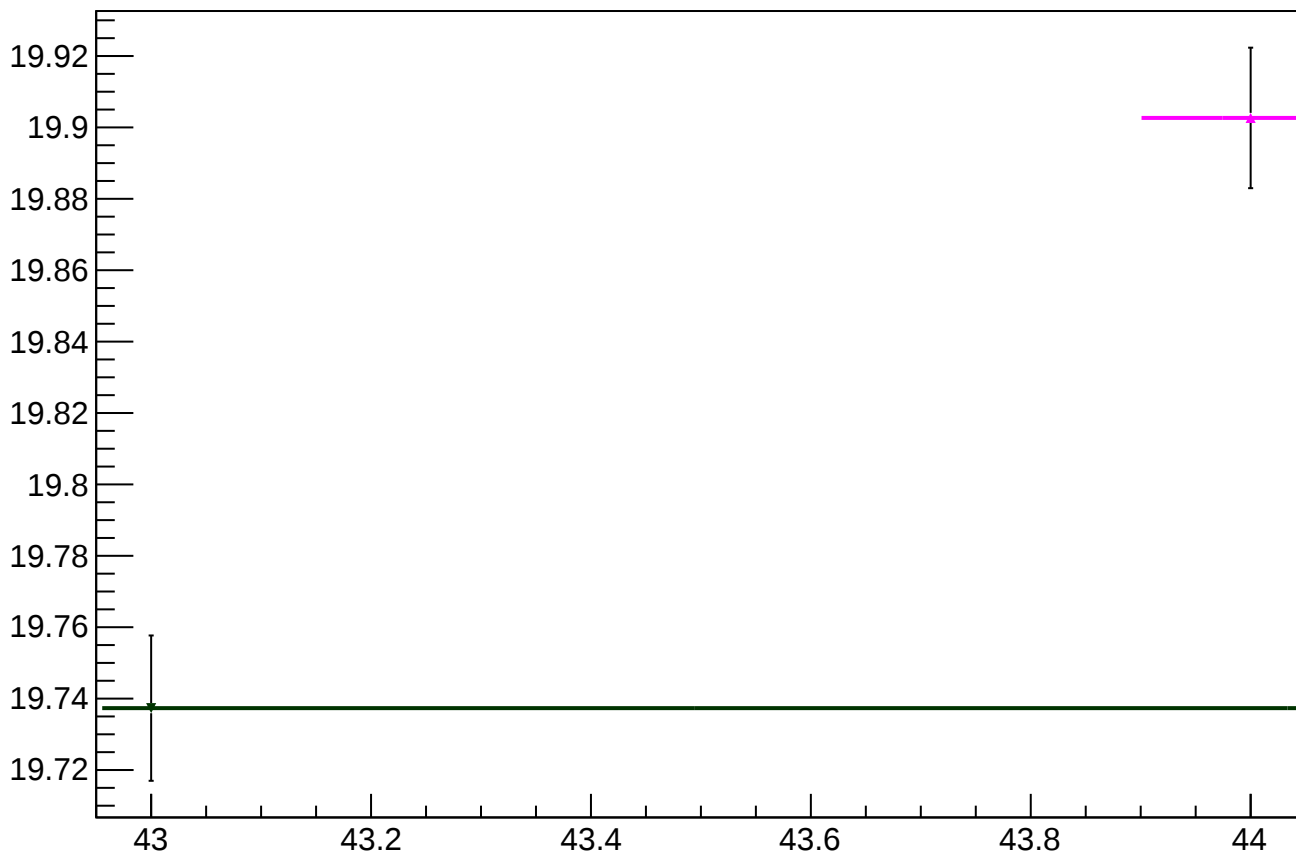
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 19.737 $\pm$ 0.020 χ^2 /NDF: 0.0/0

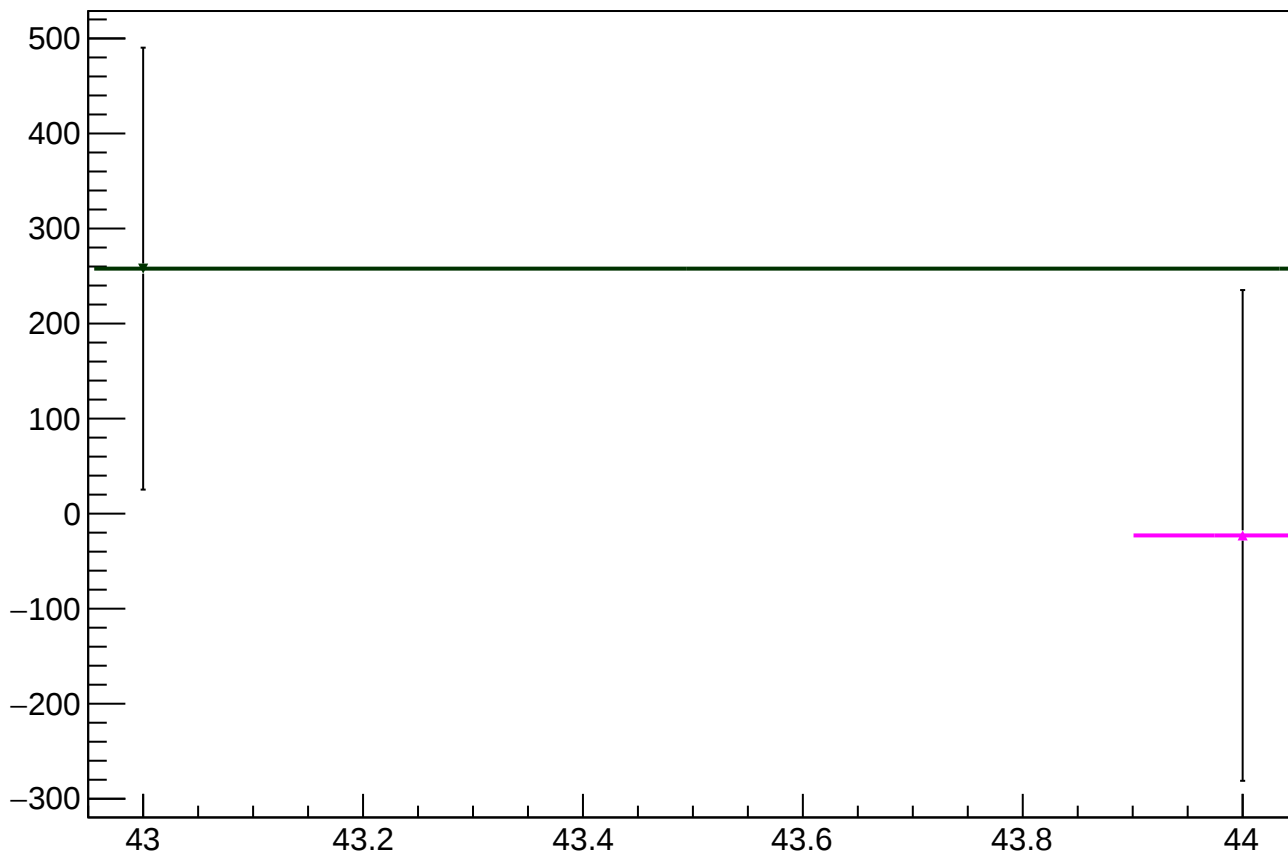
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.903 $\pm$ 0.020 χ^2 /NDF: 0.0/0

19.737 $\pm$ 0.020 χ^2 /NDF: 0.0/0

19.903 $\pm$ 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

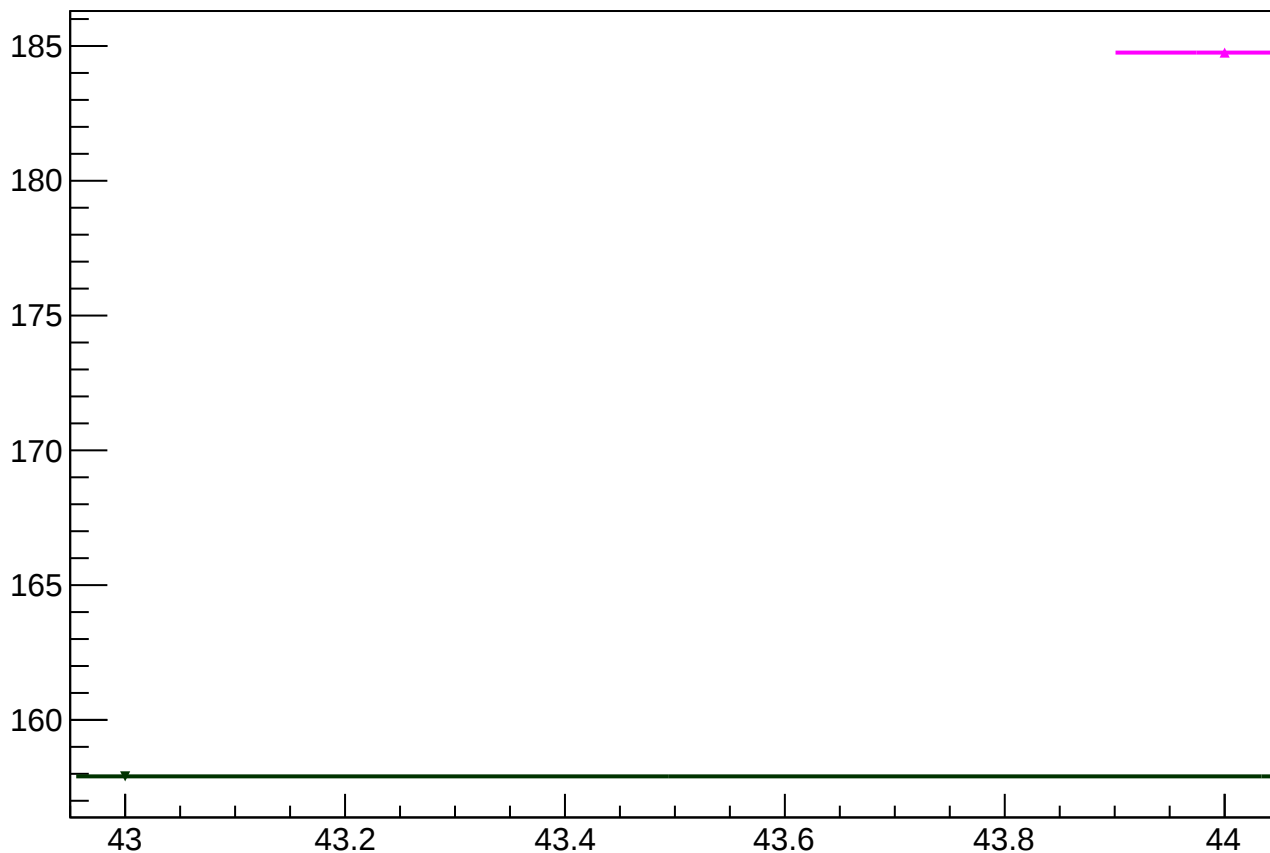
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -22.928+/-258.180 χ^2 /NDF: 0.0/0

257.793+/-232.498 χ^2 /NDF: 0.0/0

-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

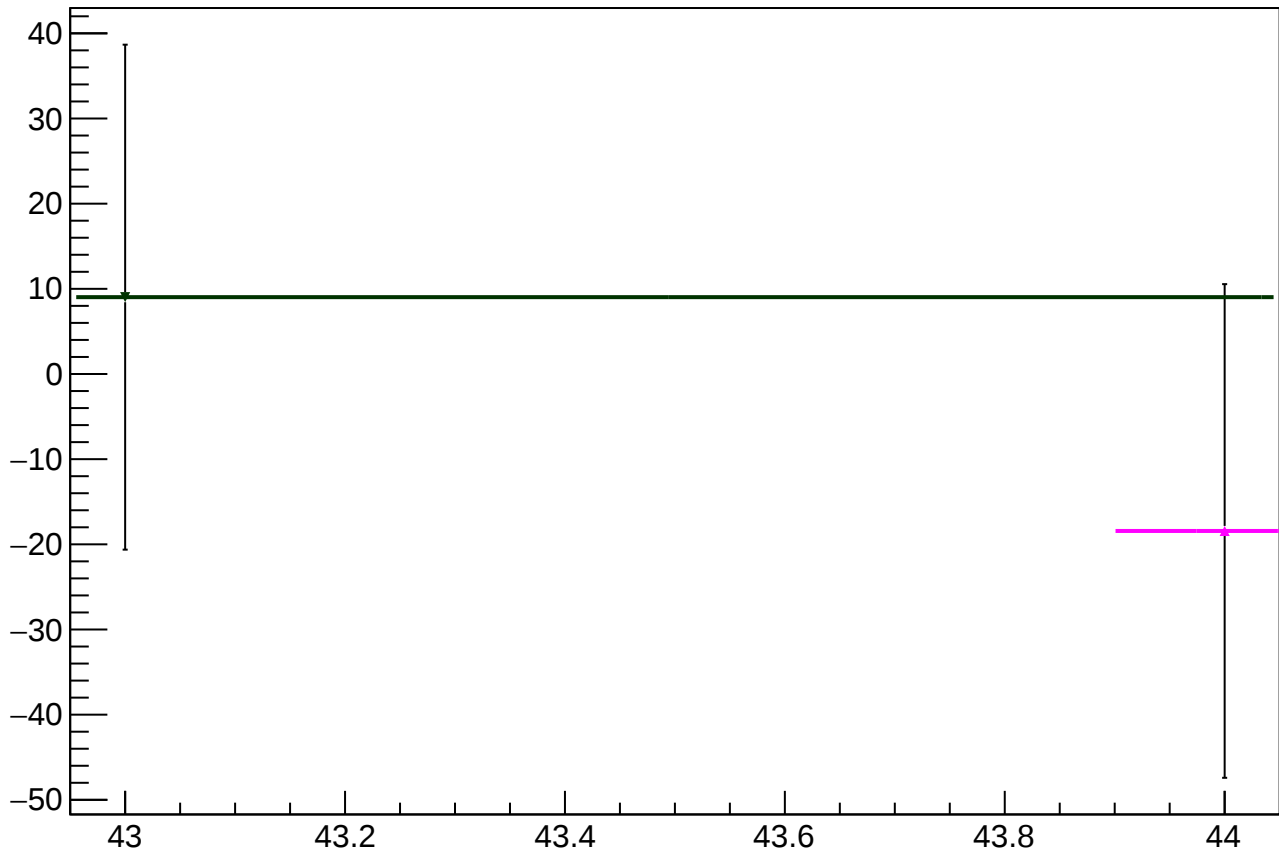
157.905+/-0.164 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.023+/-29.646 χ^2/NDF : 0.0/0

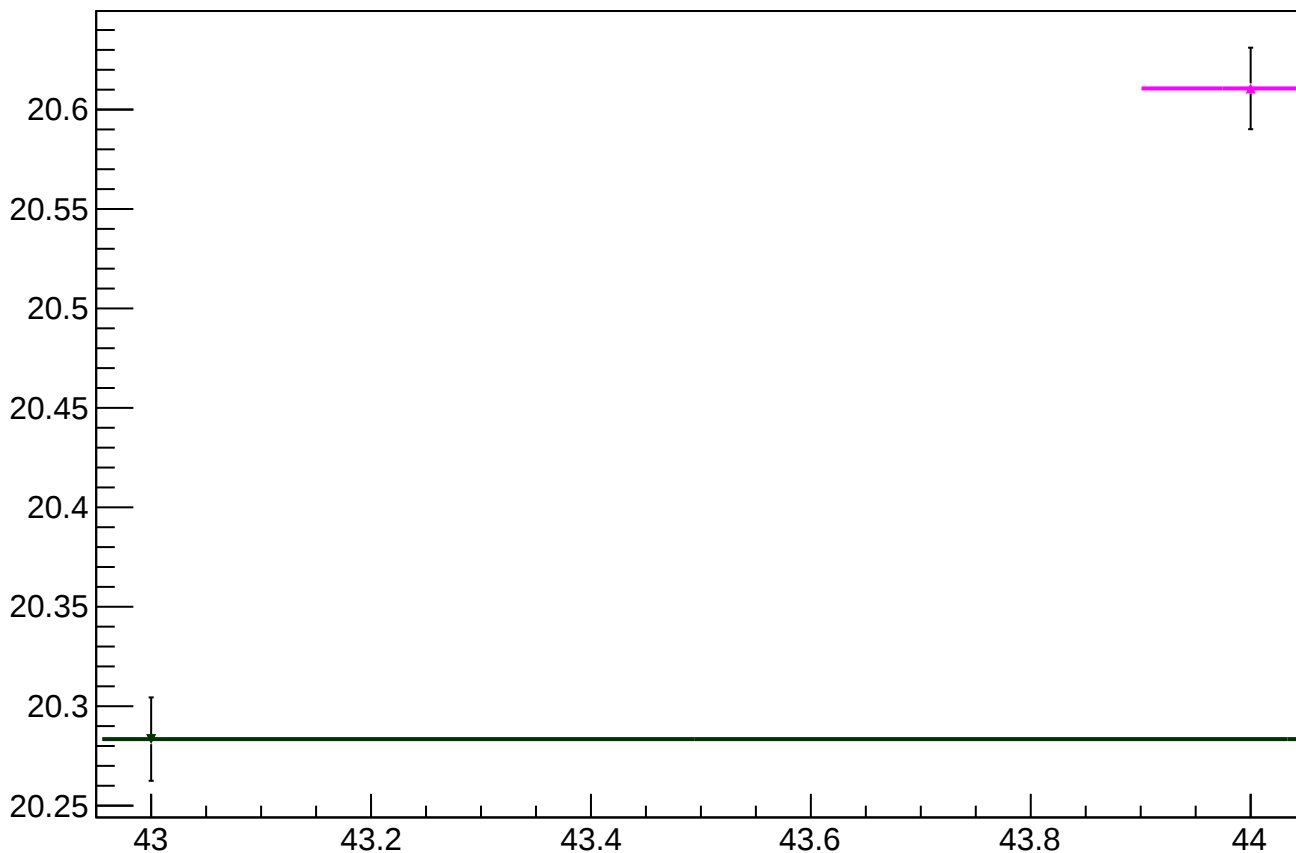
9.023+/-29.646 χ^2/NDF : 0.0/0

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

-18.430+/-28.983 χ^2/NDF : 0.0/0

Left In: -18.430+/-28.983 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 20.283 $\pm$ 0.021 χ^2/NDF : 0.0/0

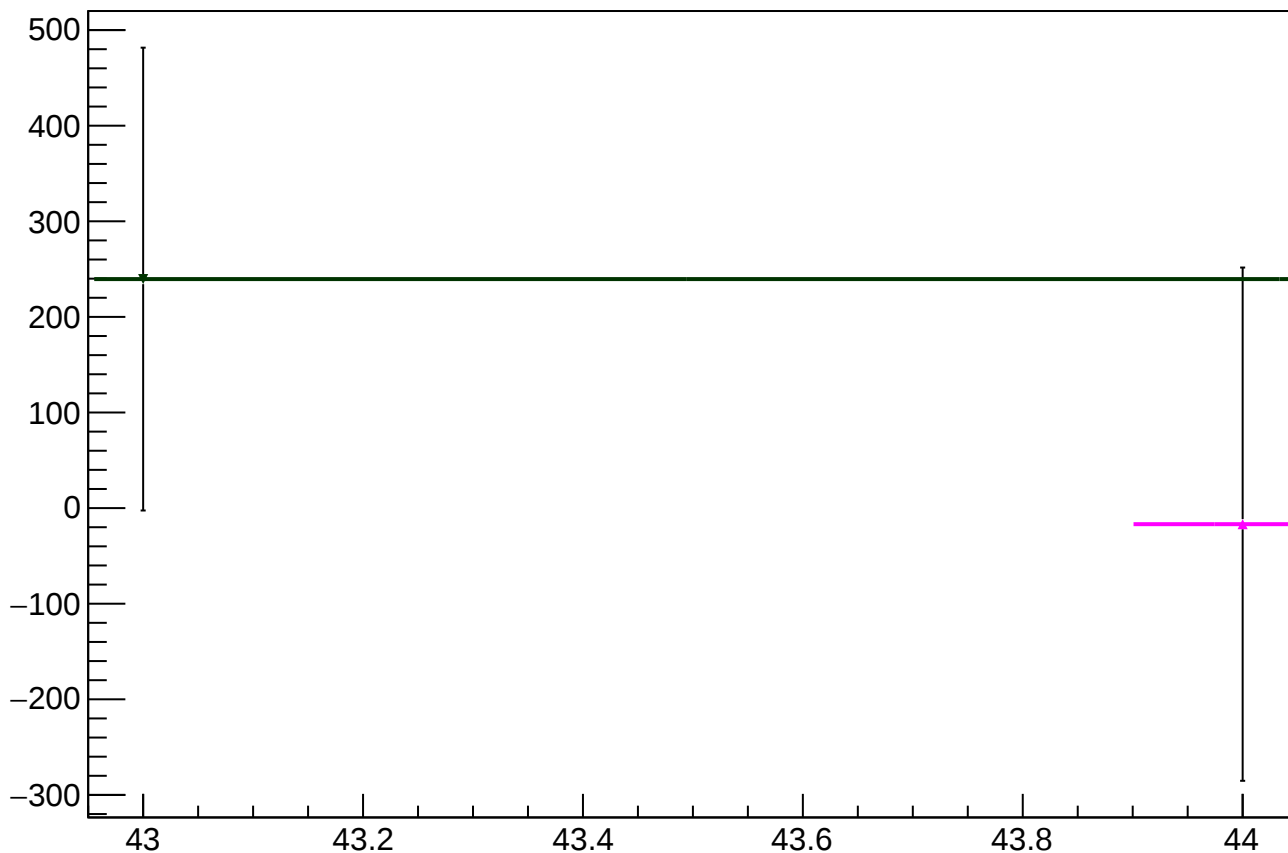
20.283 $\pm$ 0.021 χ^2/NDF : 0.0/0

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

20.611 $\pm$ 0.020 χ^2/NDF : 0.0/0

Left In: 20.611 $\pm$ 0.020 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



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

239.549+/-242.055 χ^2/NDF : 0.0/0

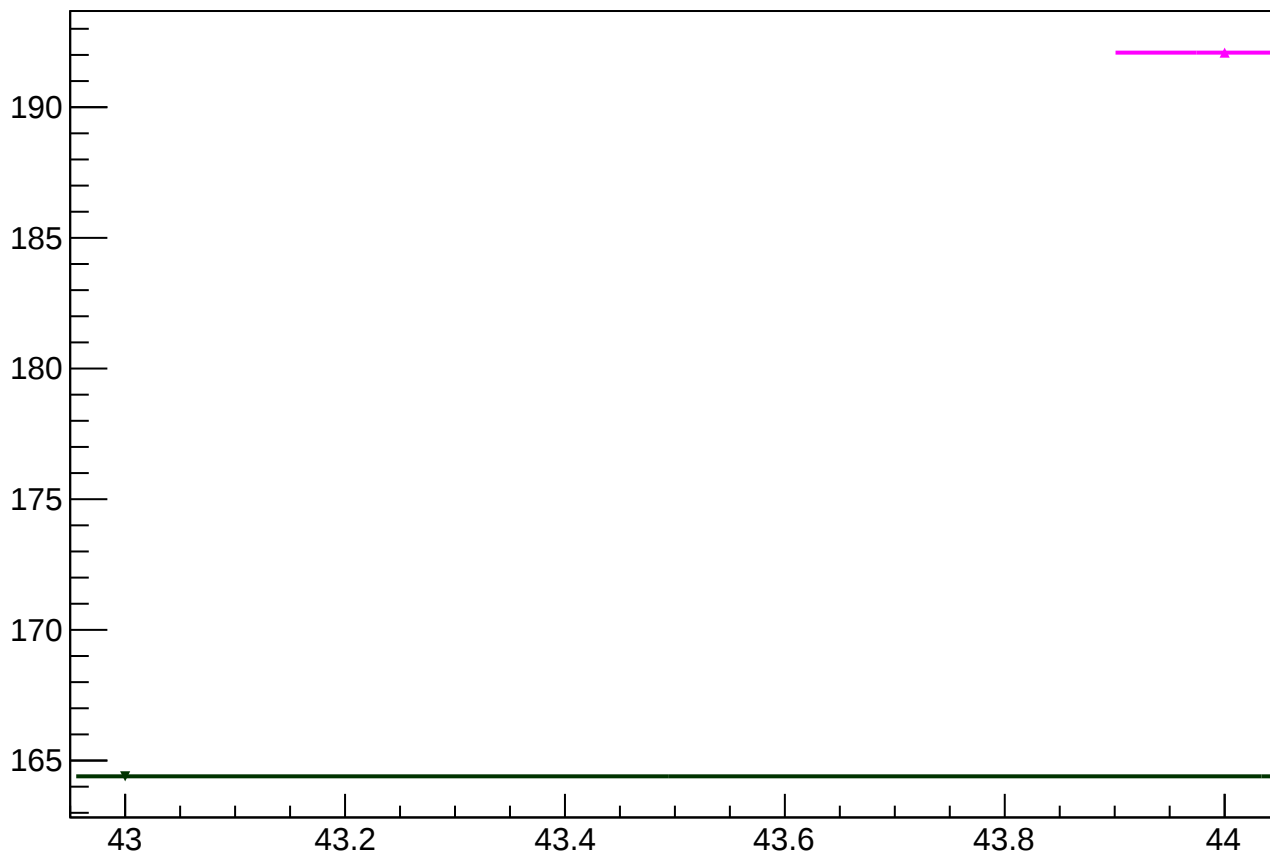
Left Out: 239.549+/-242.055 χ^2/NDF : 0.0/0

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

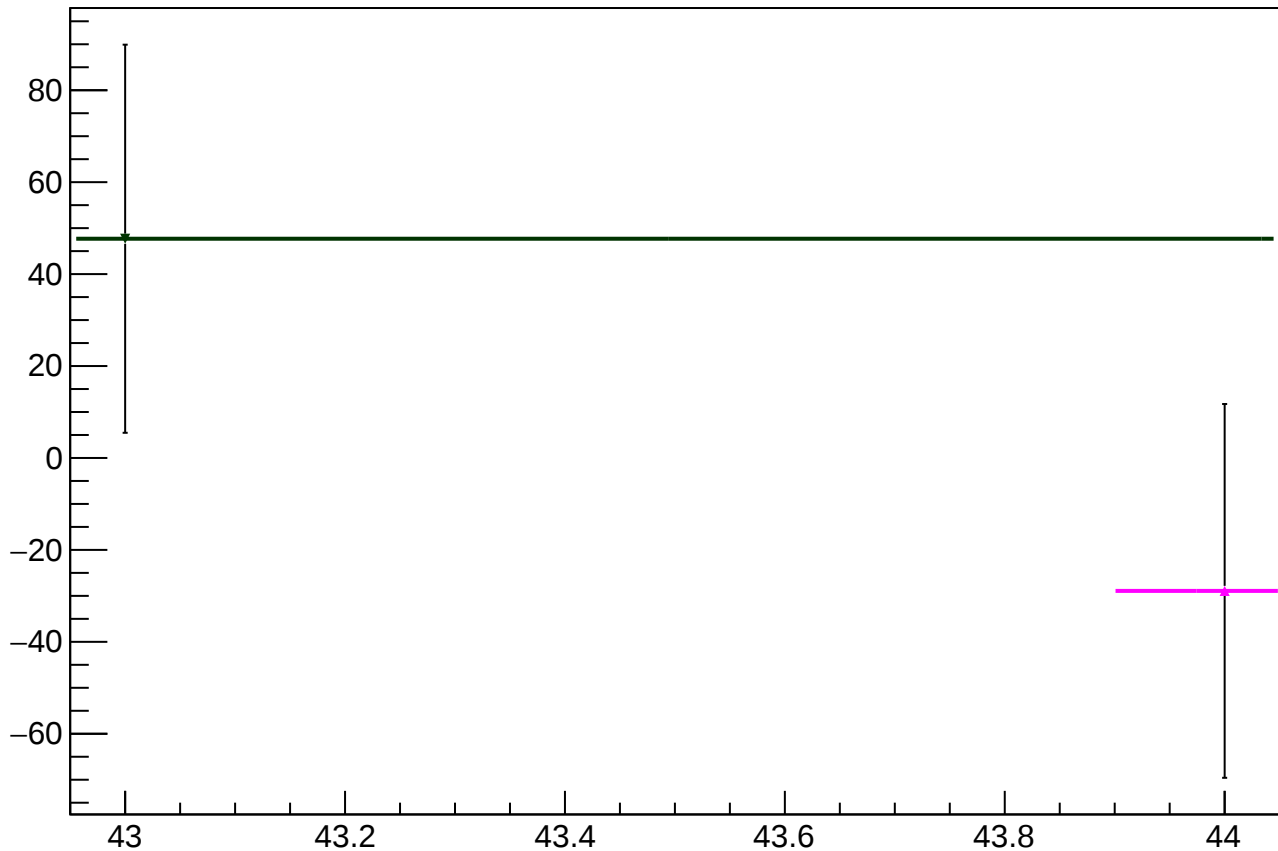
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 192.088+/-0.190 χ^2/NDF : 0.0/0

164.396+/-0.171 χ^2/NDF : 0.0/0

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

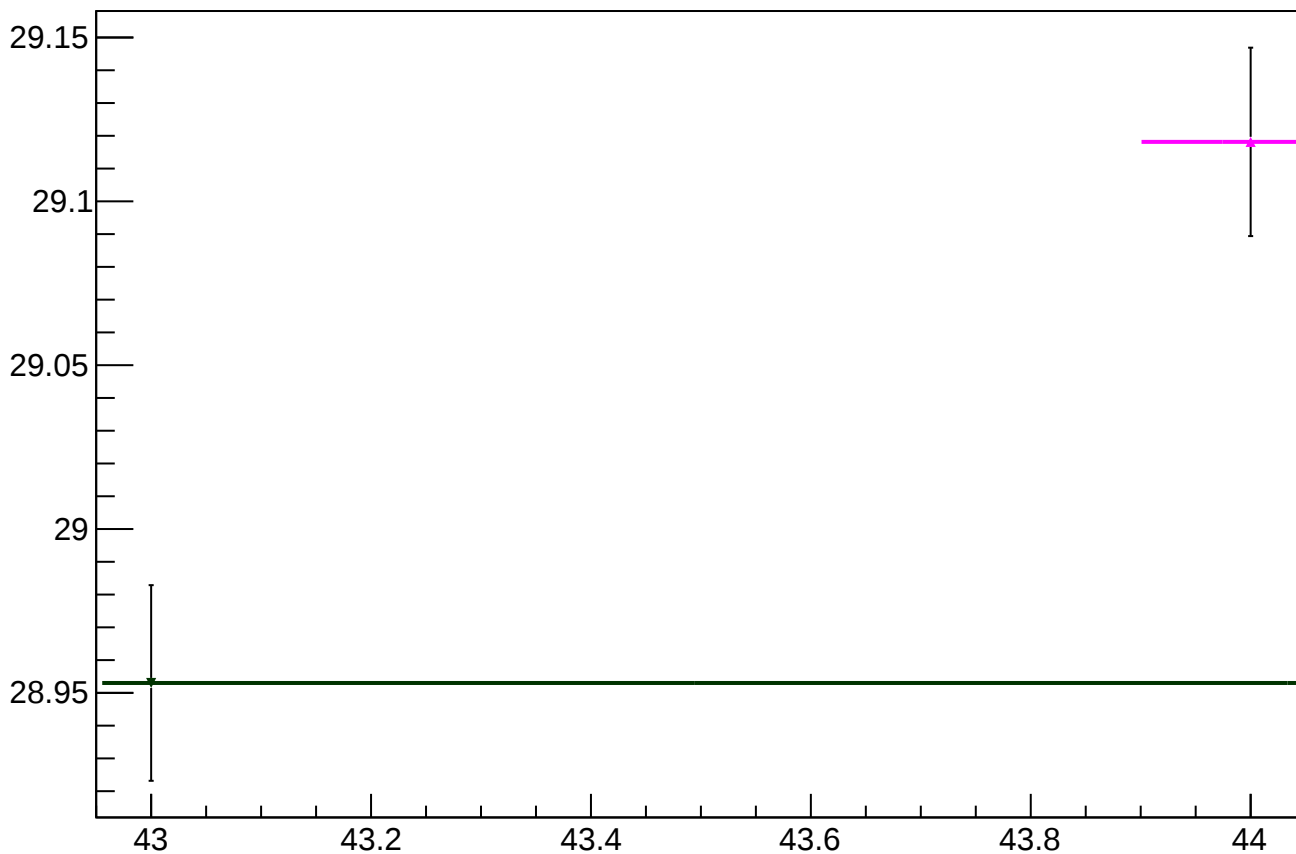
47.694+/-42.218 χ^2 /NDF: 0.0/0

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

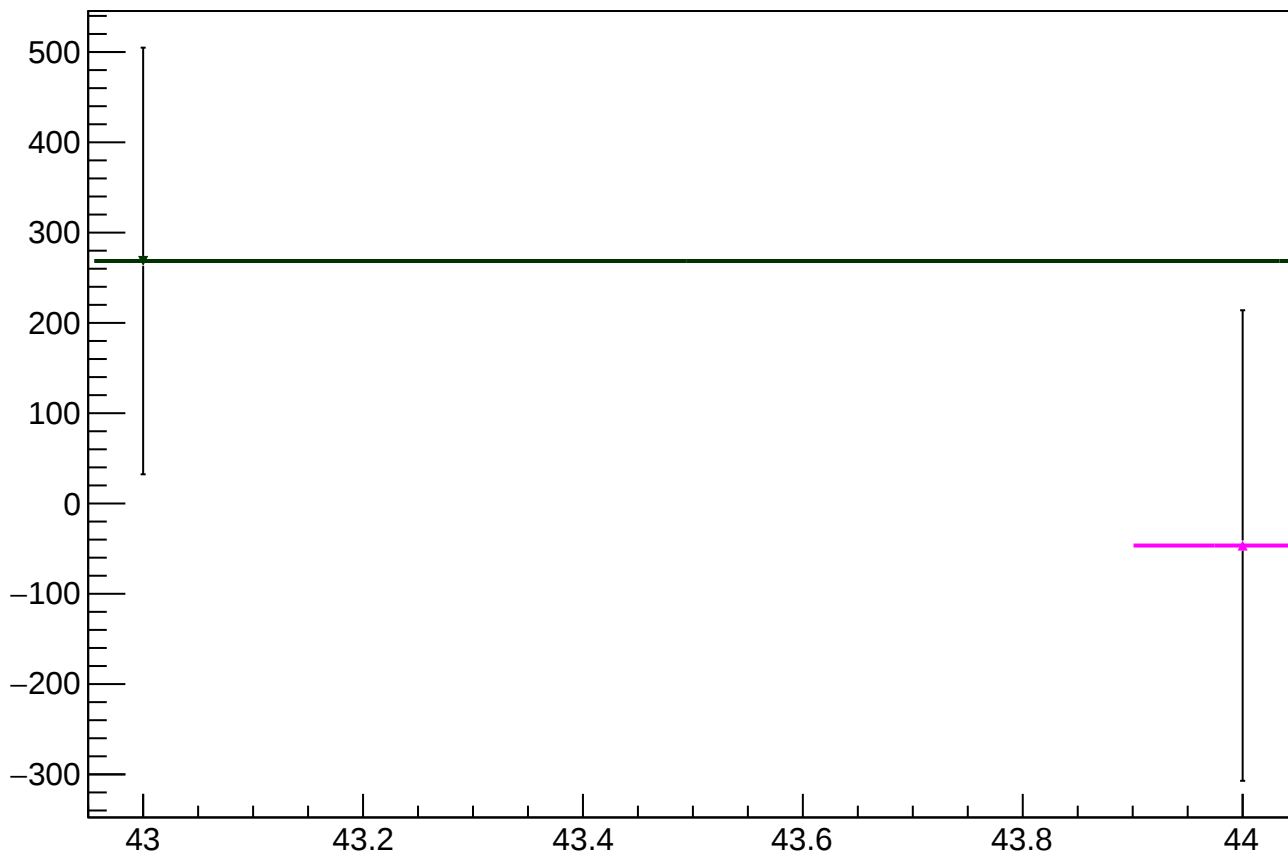
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.118+/-0.029 χ^2/NDF : 0.0/0

28.953+/-0.030 χ^2/NDF : 0.0/0

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

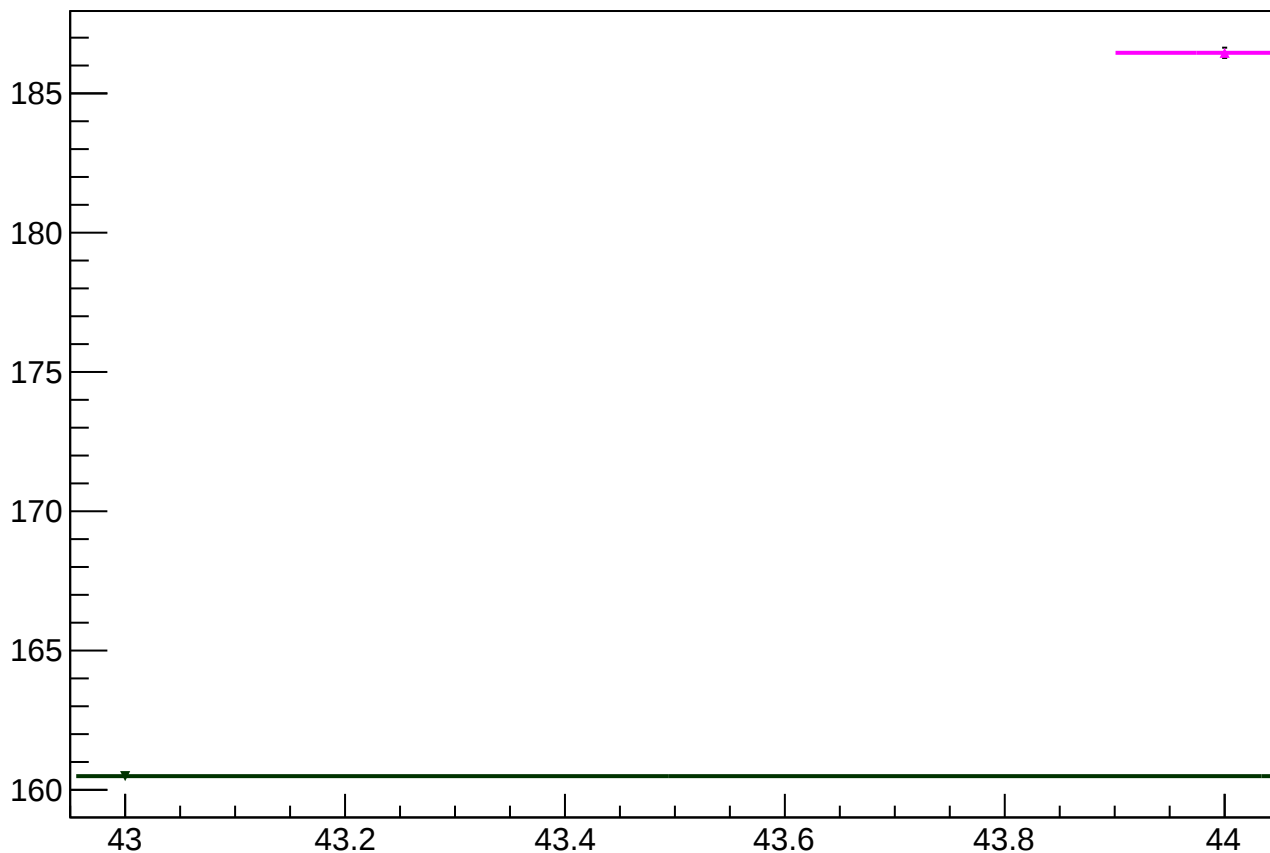
Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

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

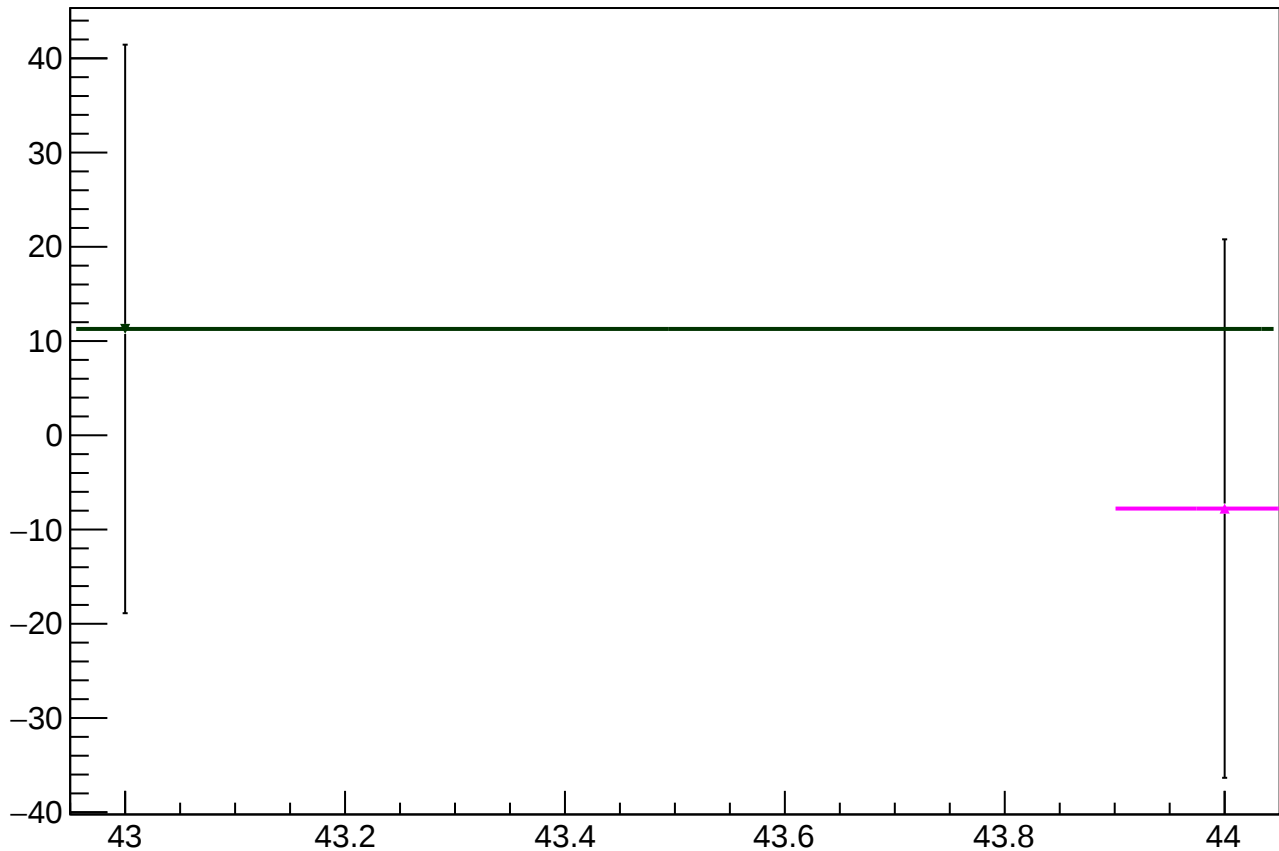
160.492+/-0.167 χ^2/NDF : 0.0/0

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

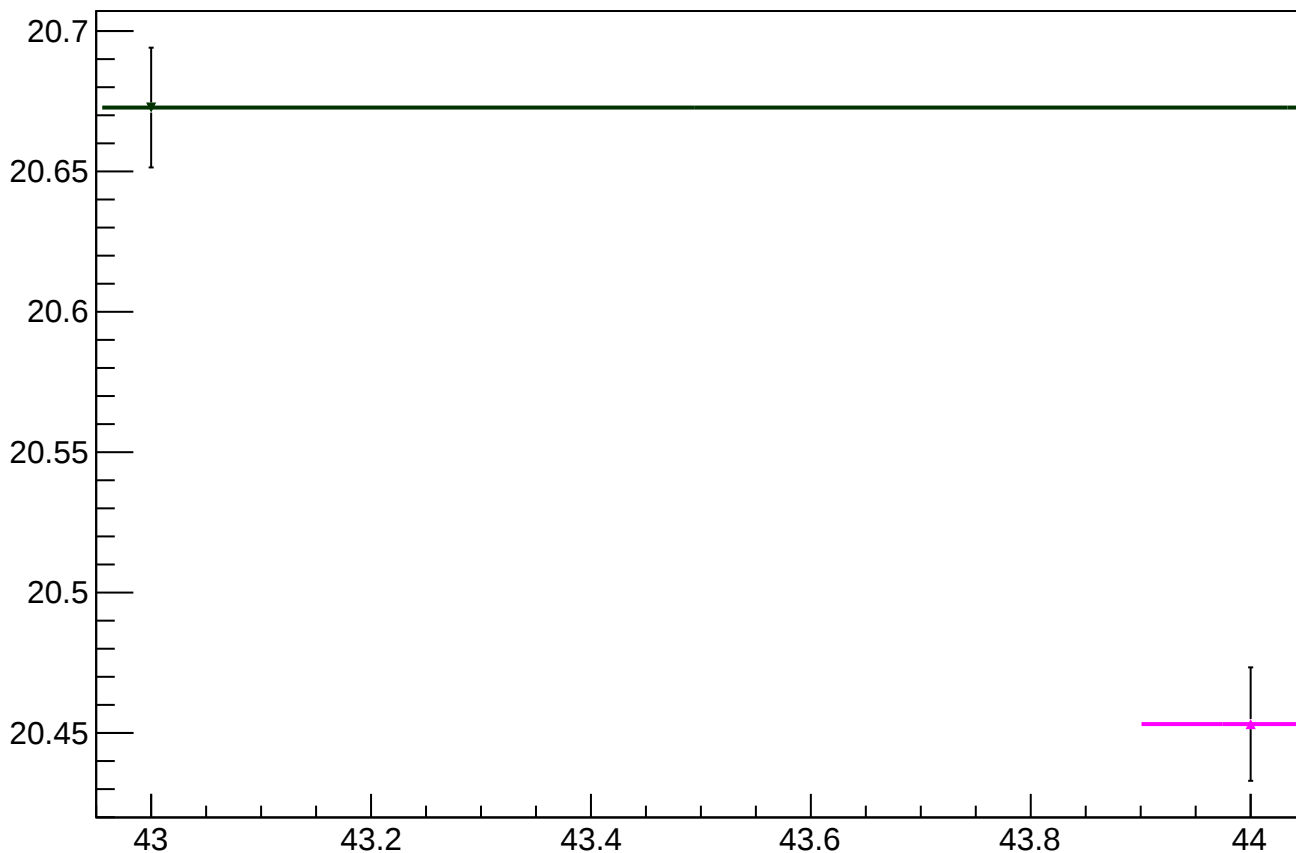
11.285+/-30.163 χ^2/NDF : 0.0/0

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

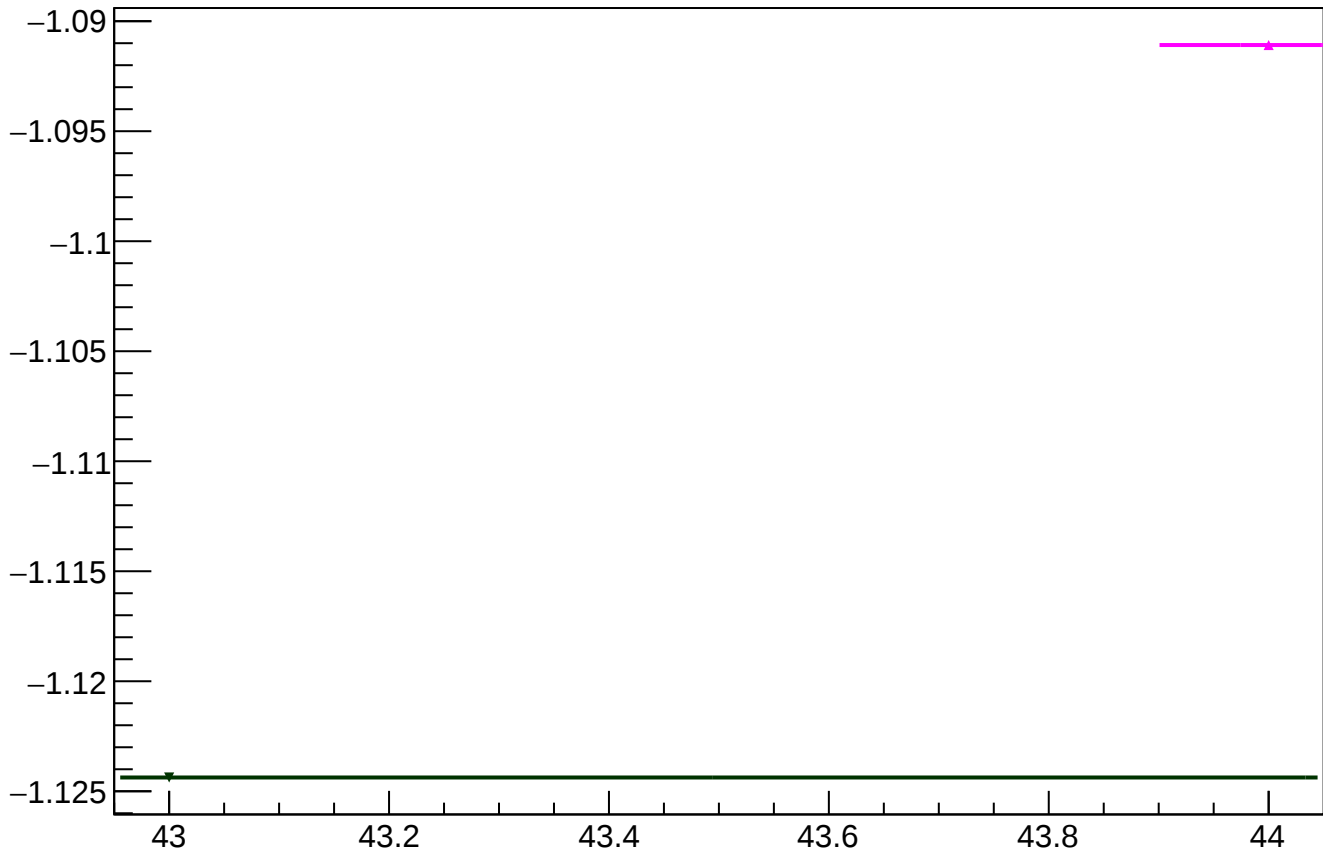
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

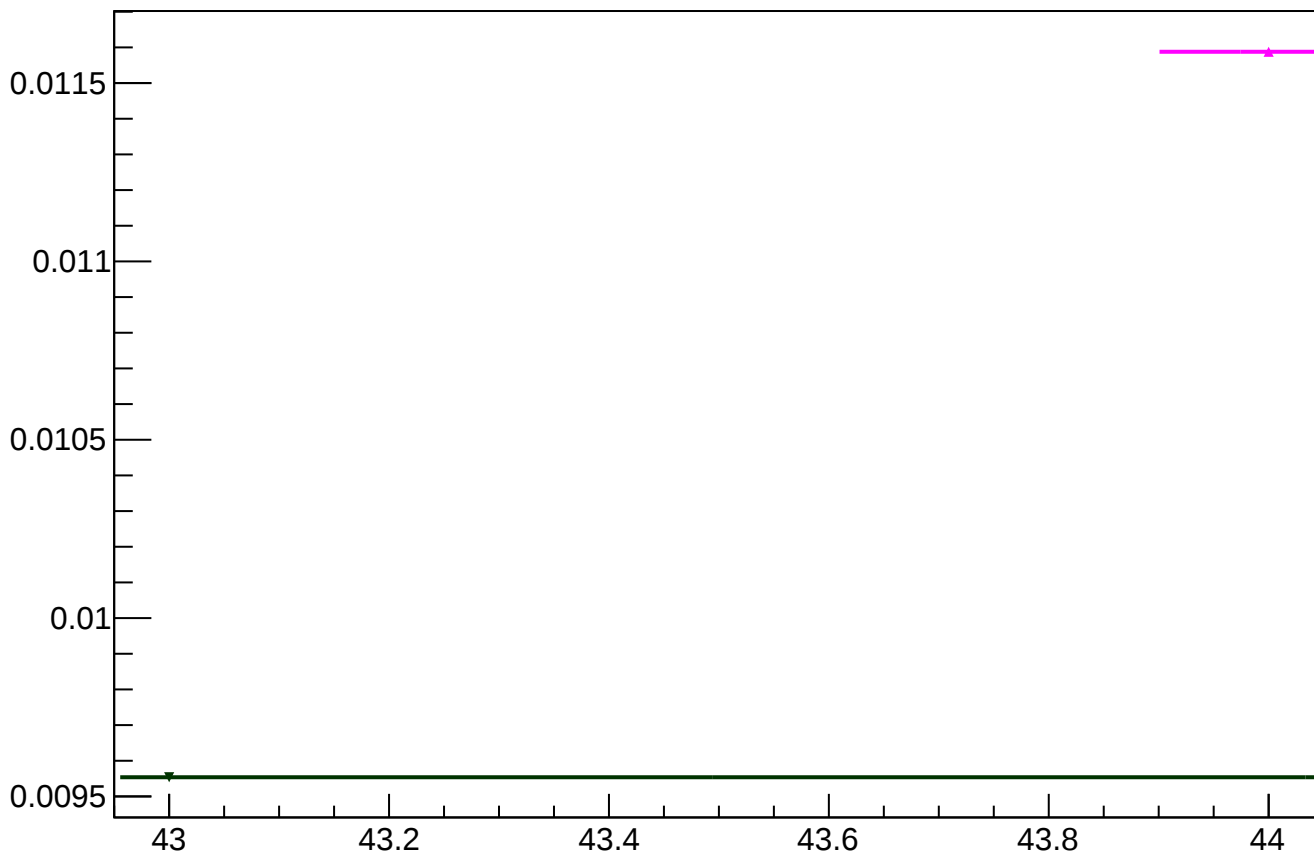
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.091+/-0.000 χ^2/NDF : 0.0/0

-1.124+/-0.000 χ^2/NDF : 0.0/0

-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

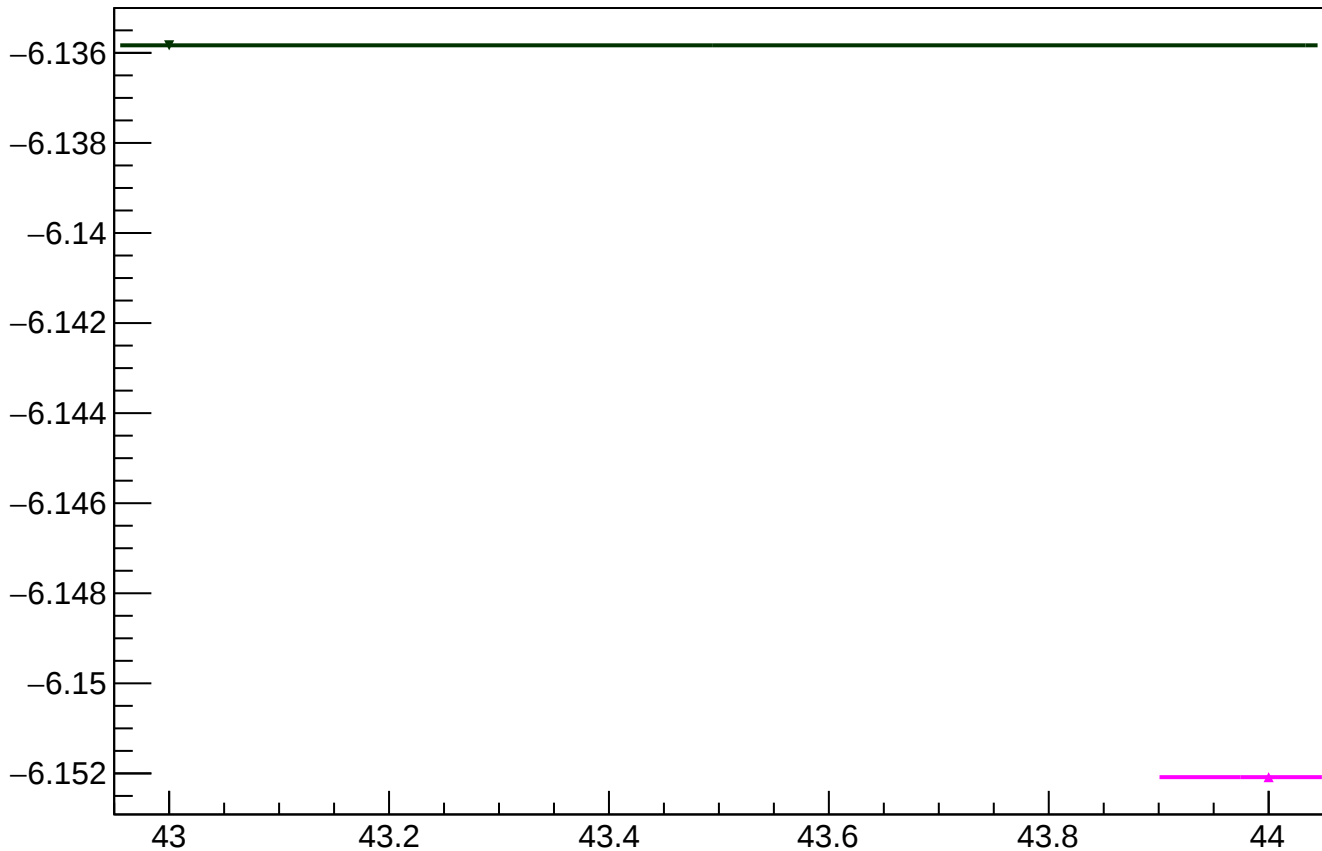
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

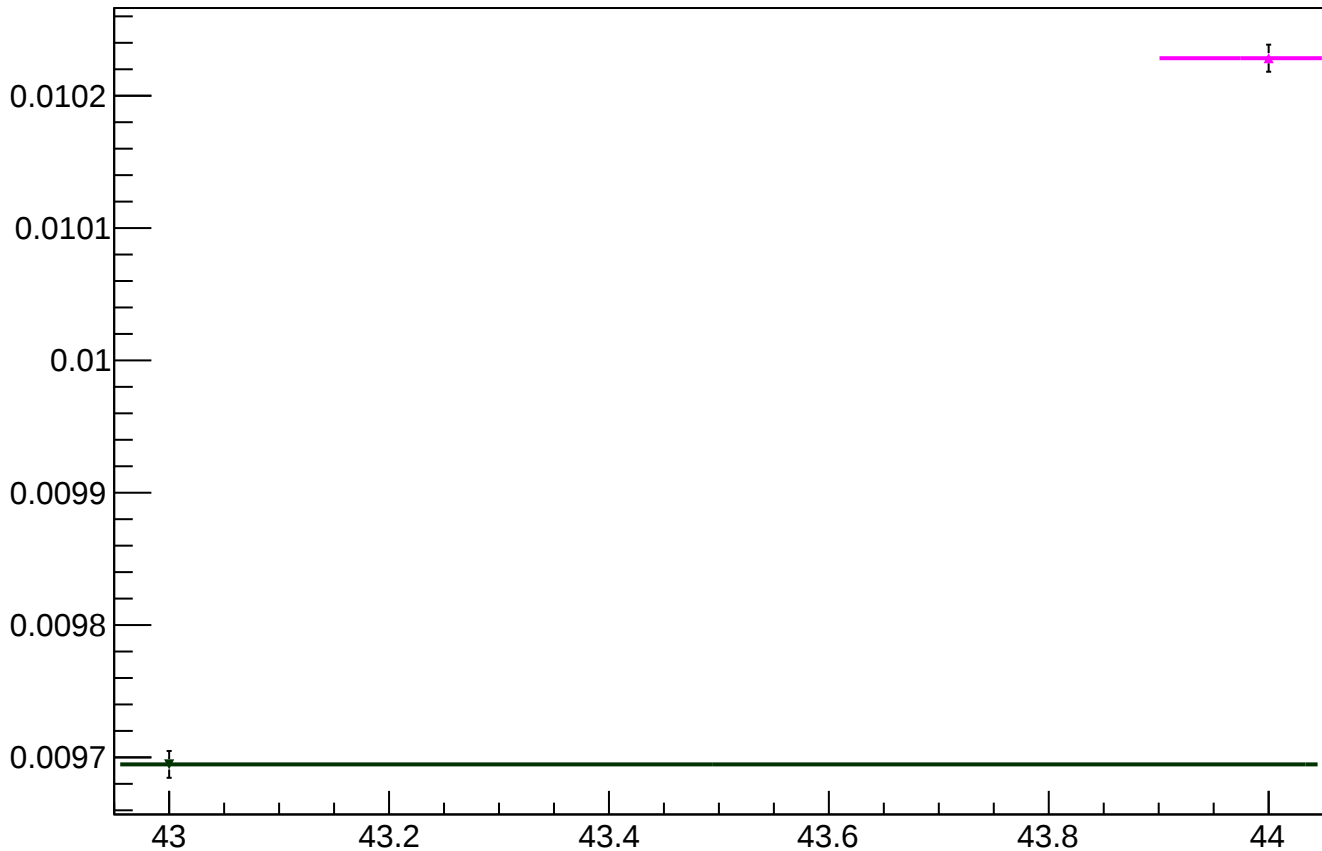
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.152+/-0.000 χ^2/NDF : 0.0/0

-6.136+/-0.000 χ^2/NDF : 0.0/0

-6.152+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_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

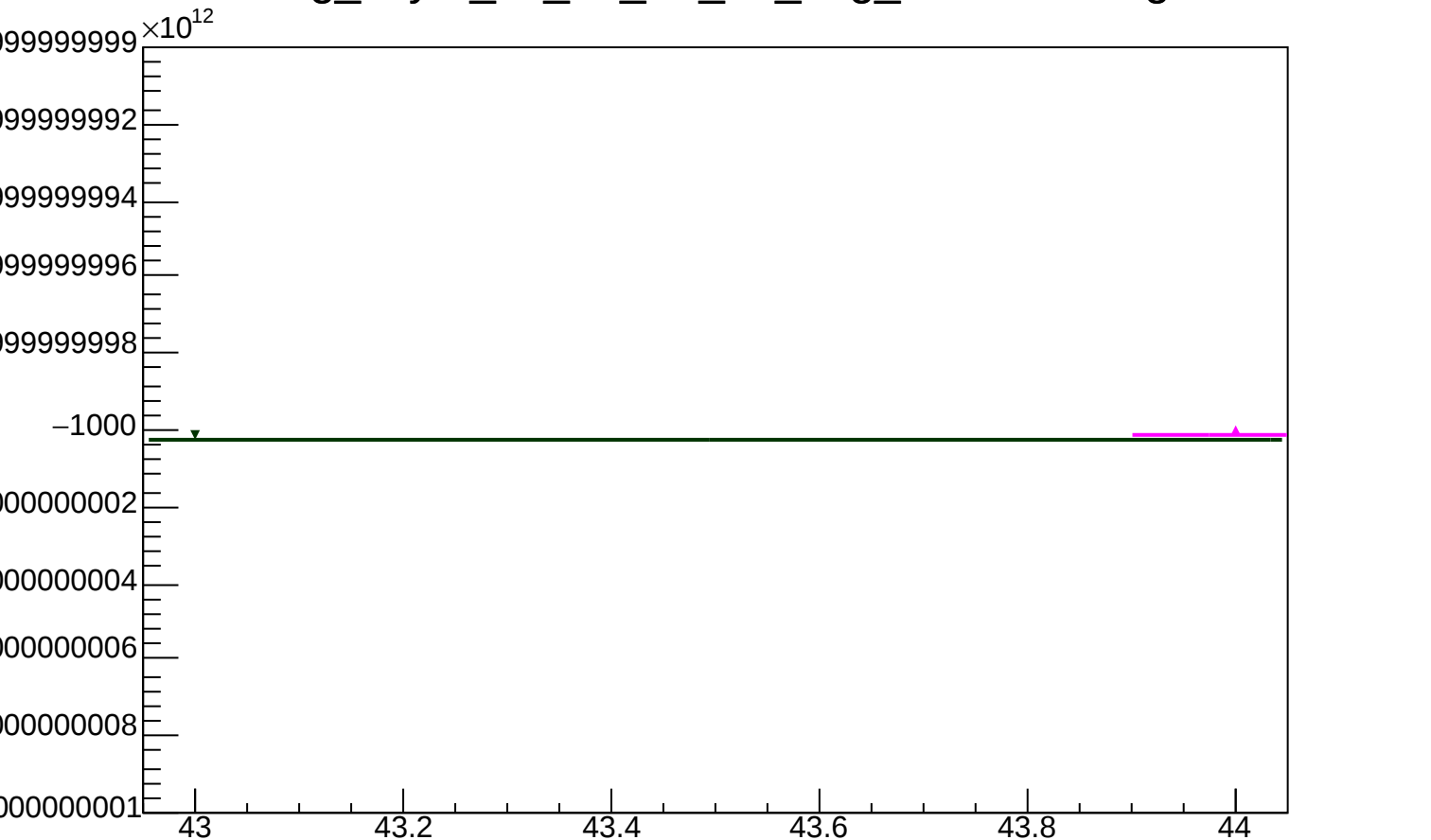
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-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

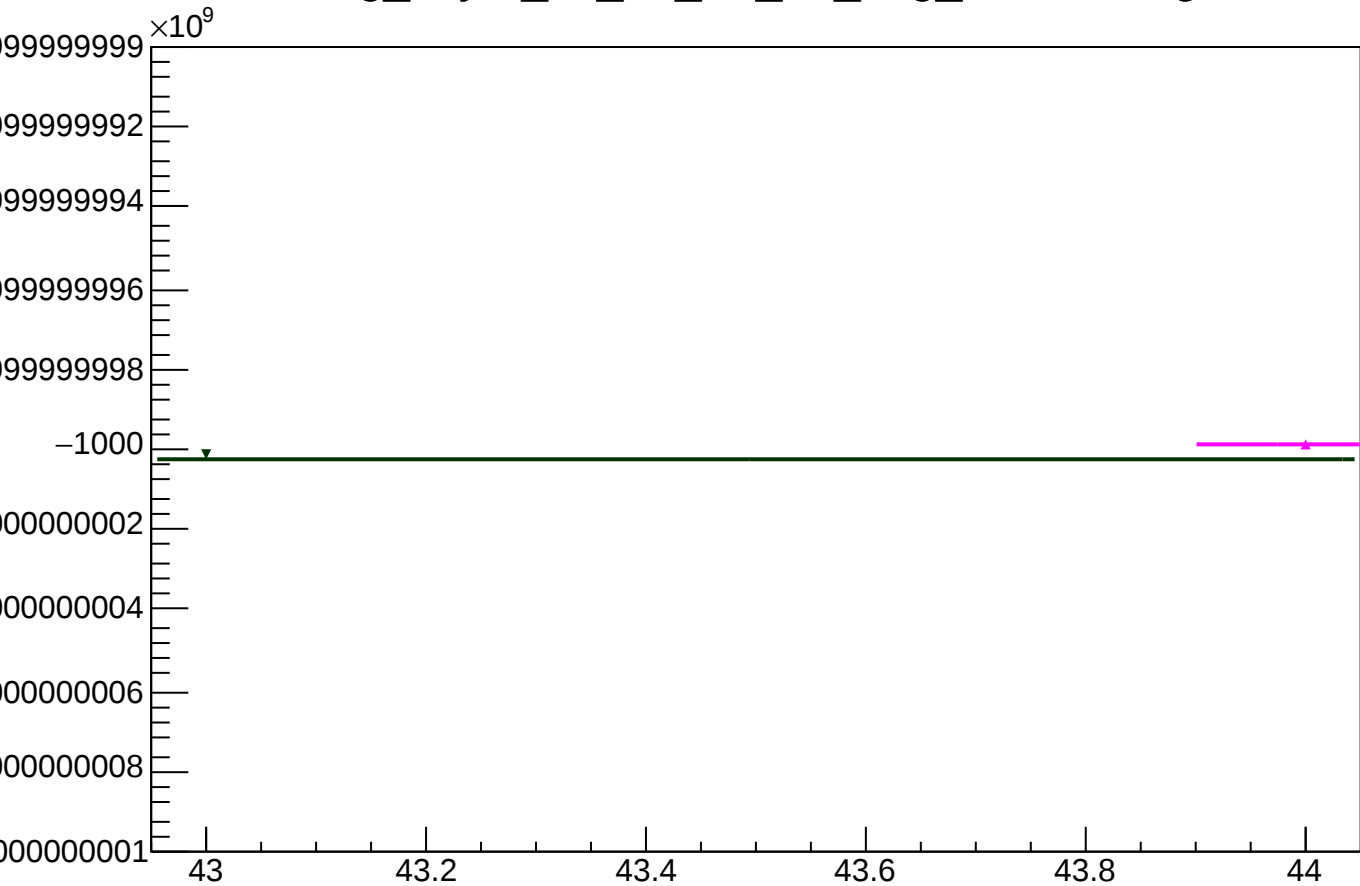
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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: -1000000000000000.125+/-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

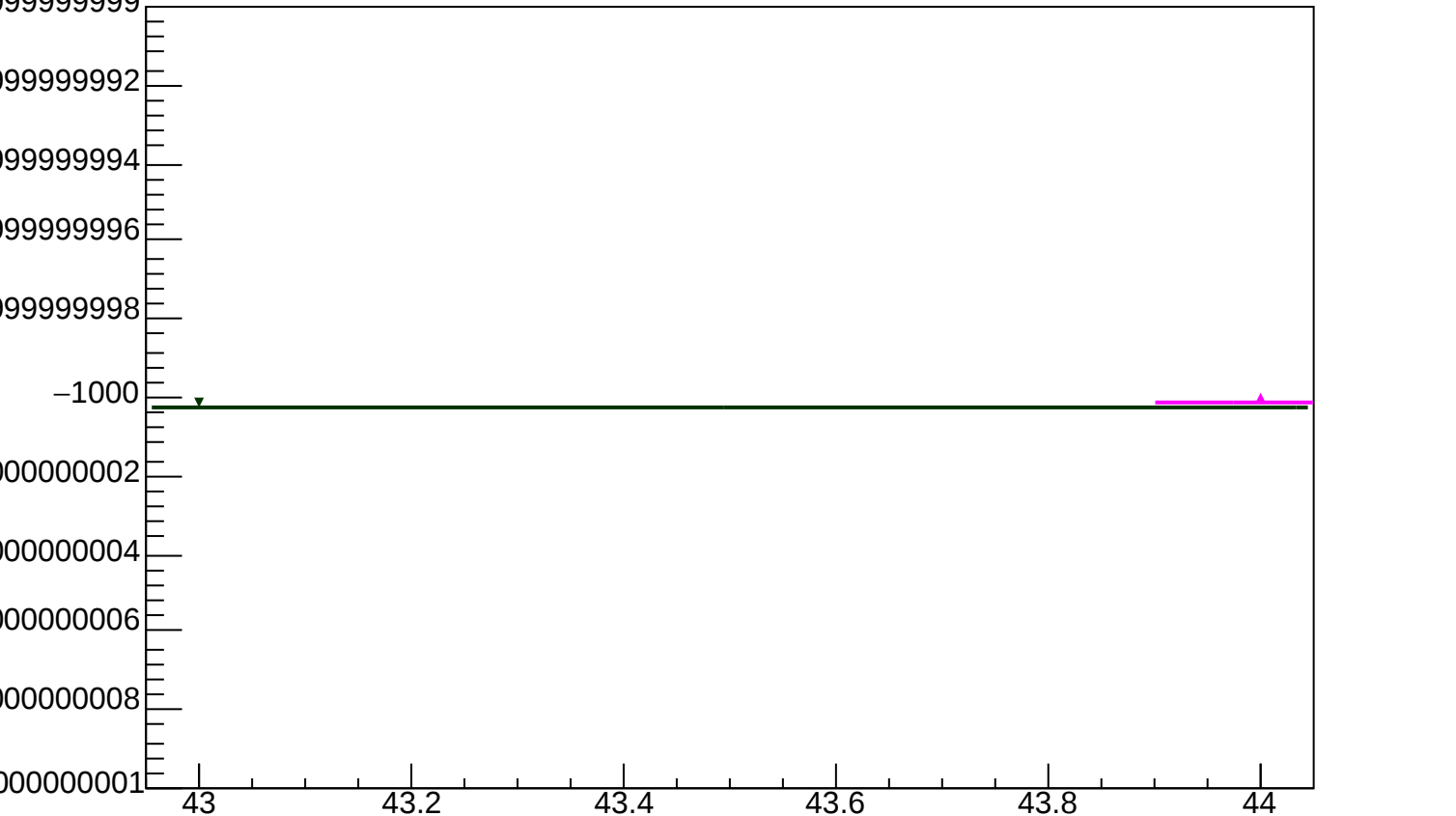
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-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

$\times 10^{12}$



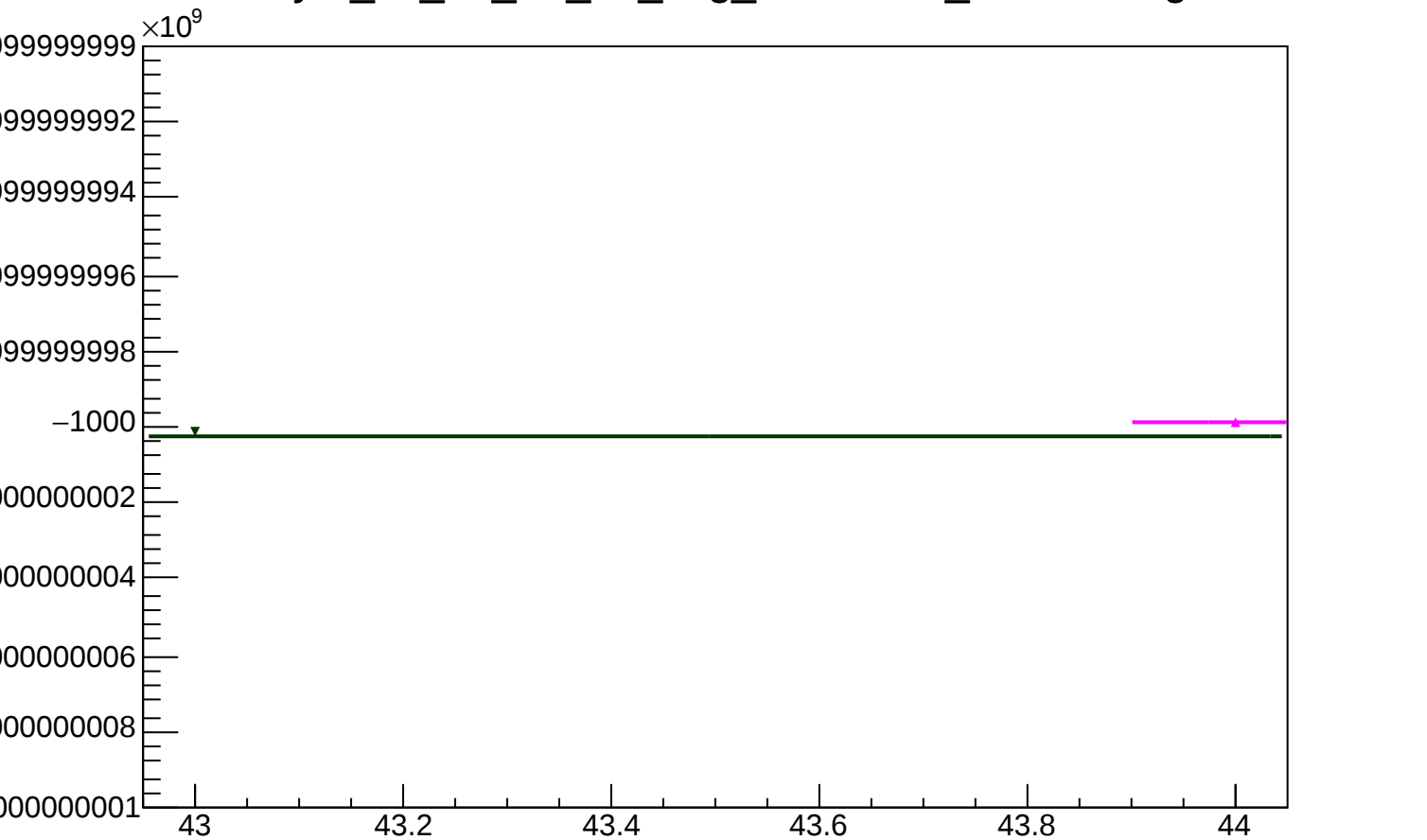
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

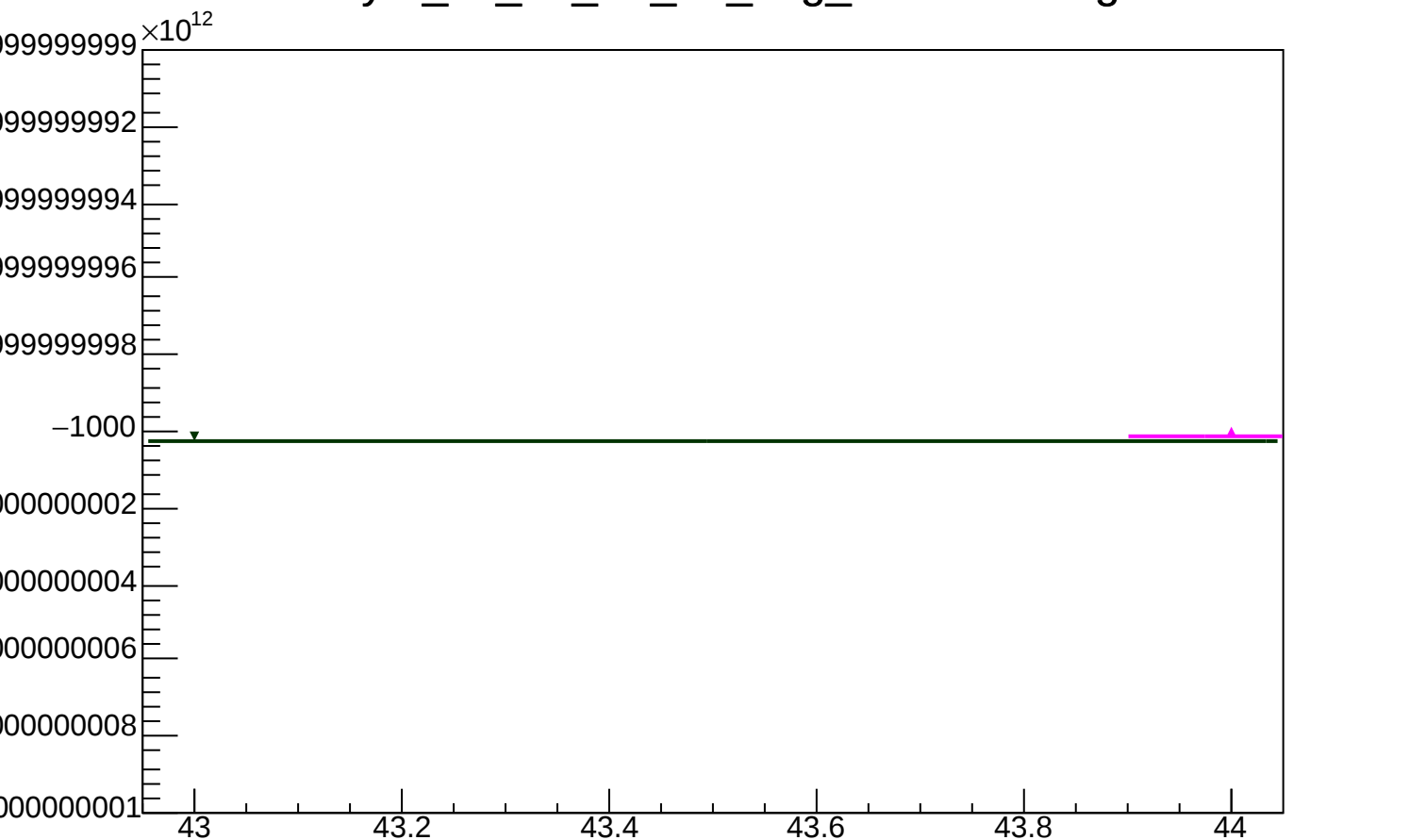
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

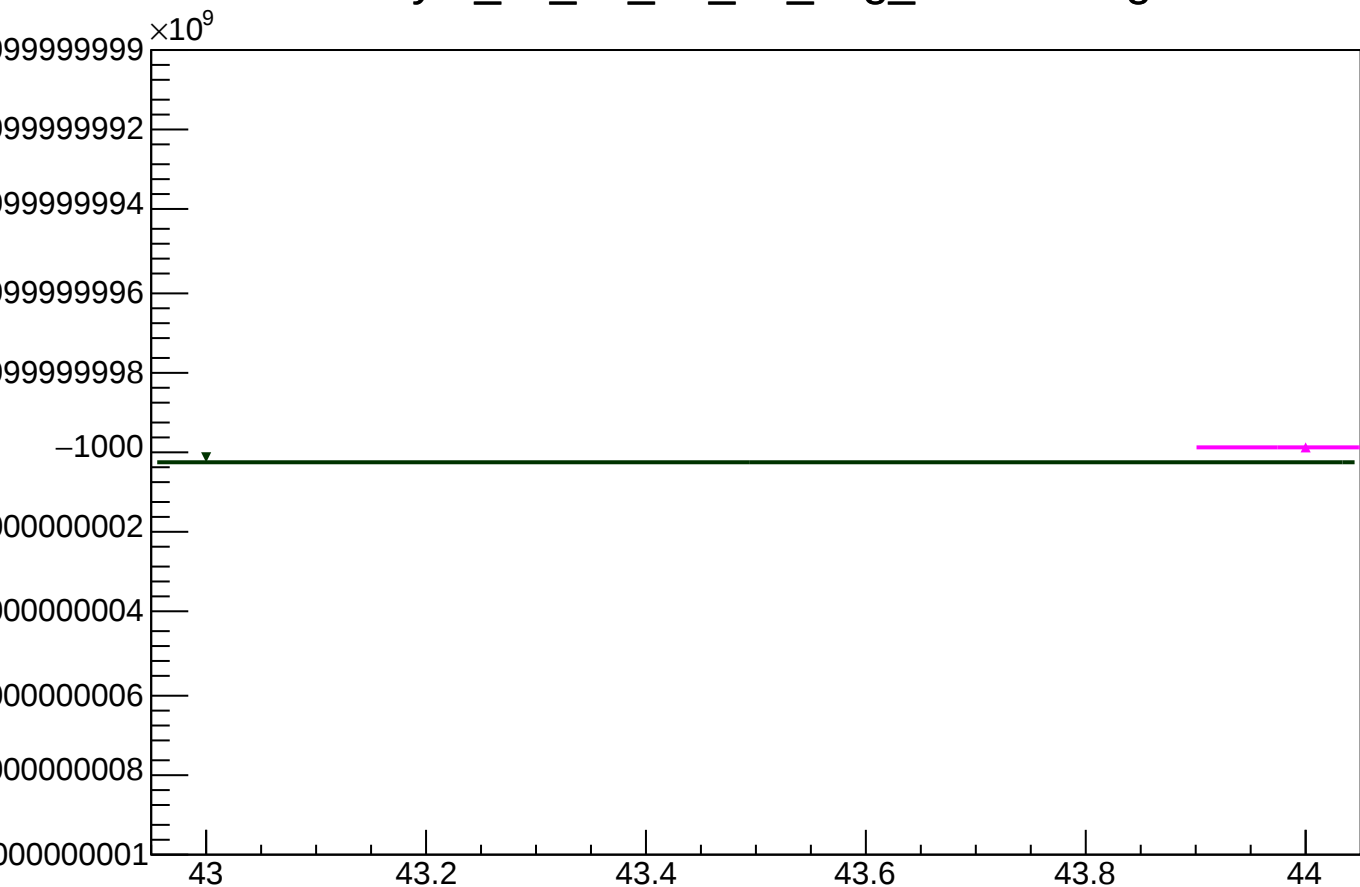
Left Out: -10000000000000000.250+/-0.018 χ^2 /NDF:47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -10000000000000000.125+/-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

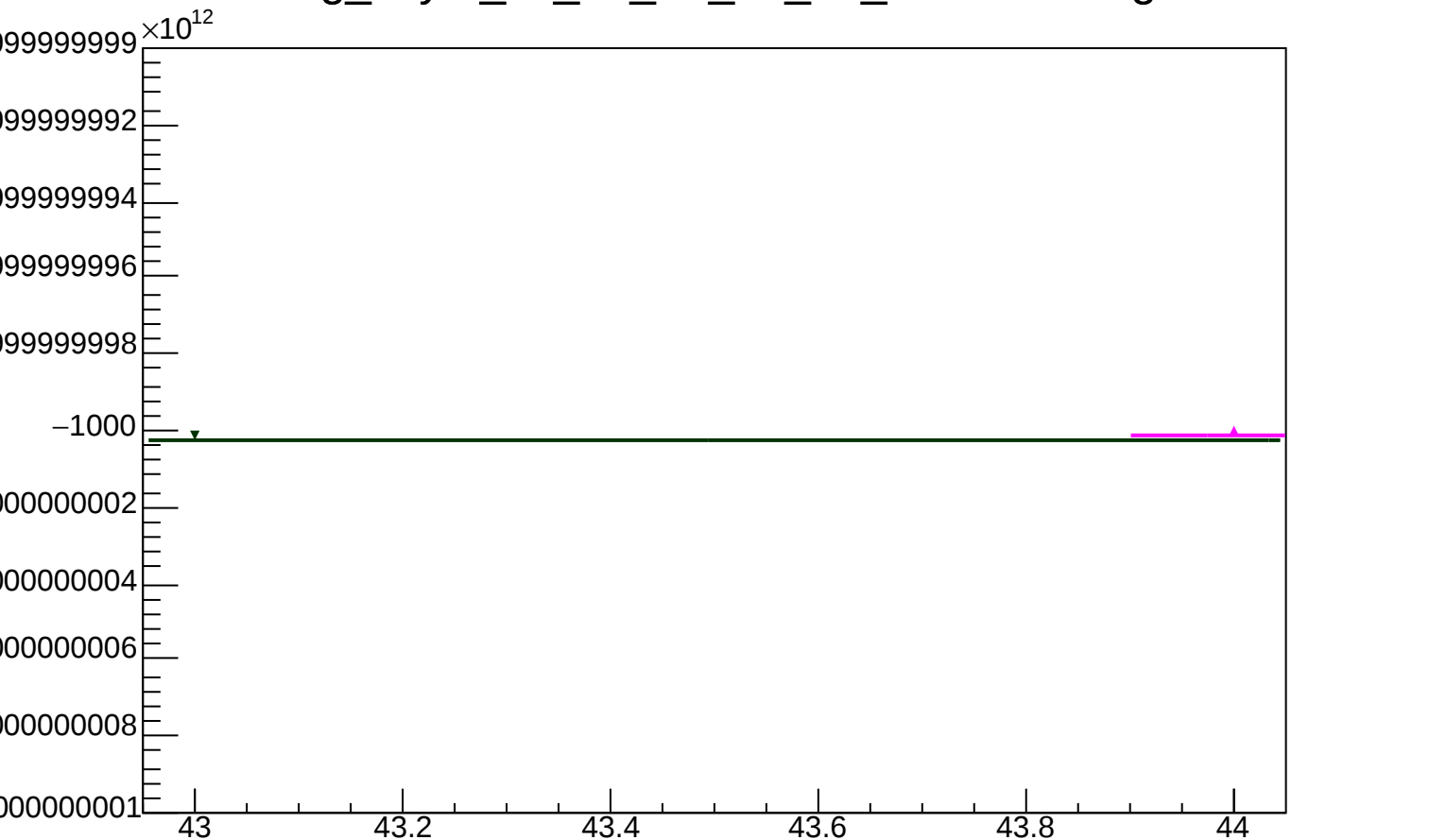
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

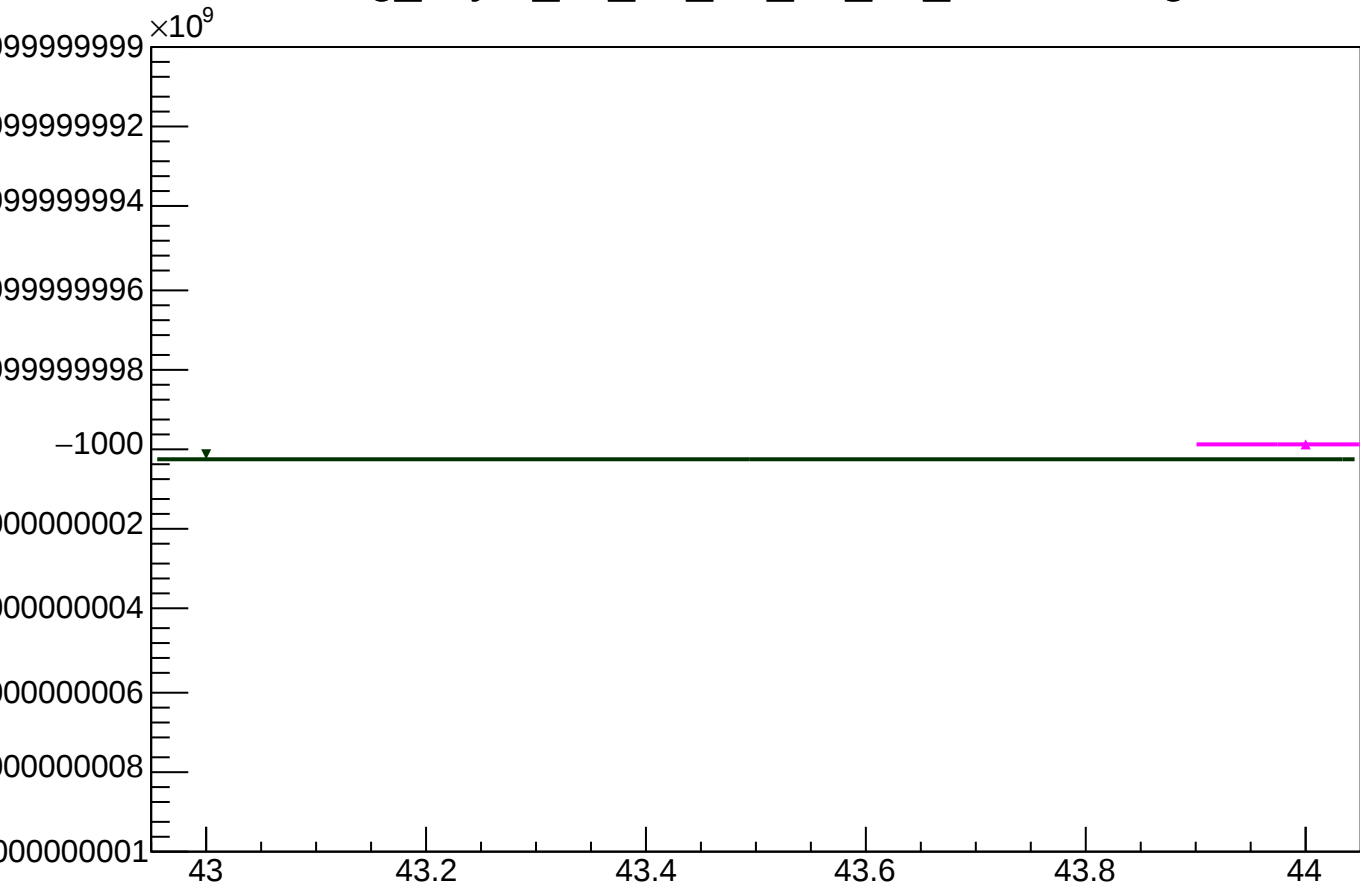
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

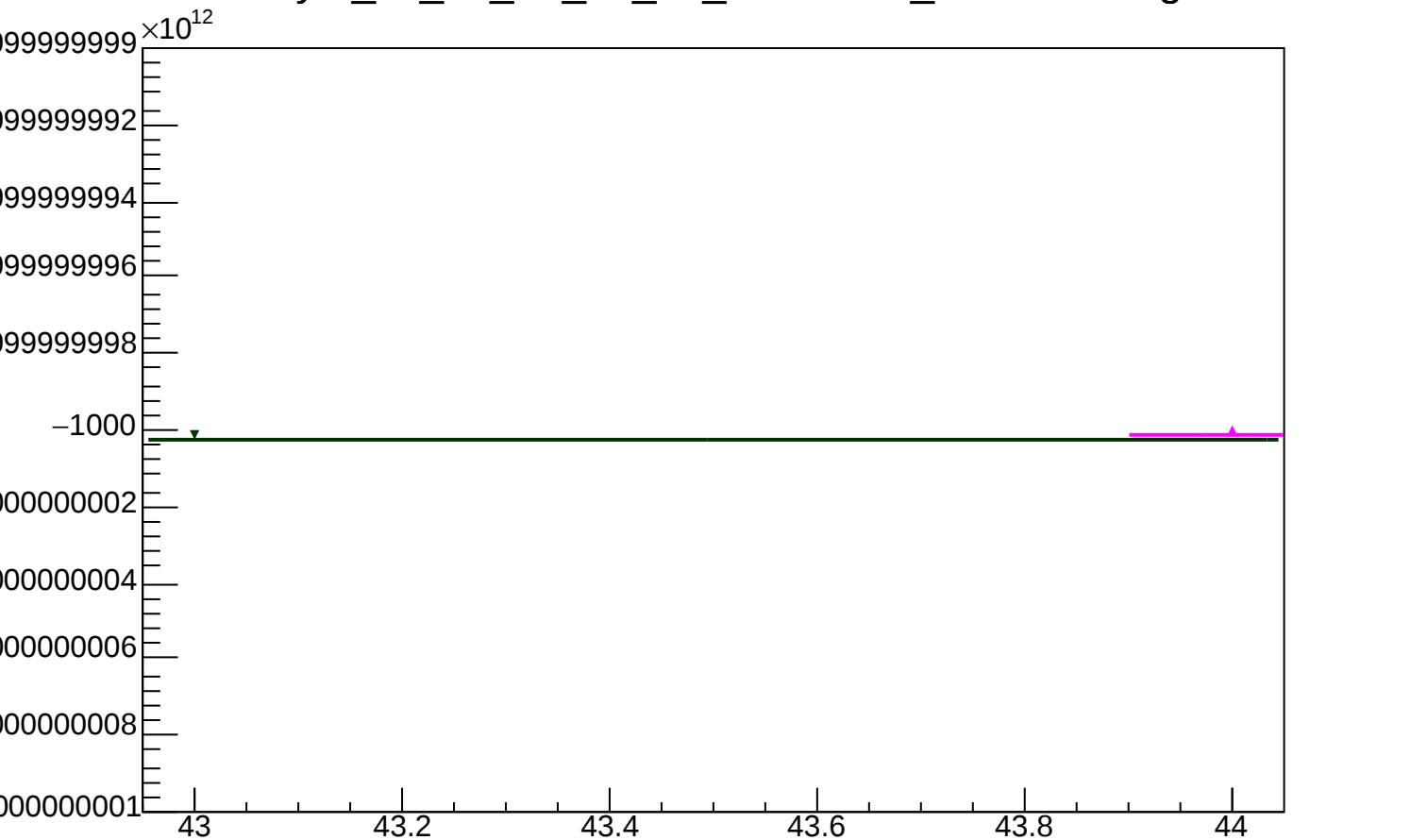
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

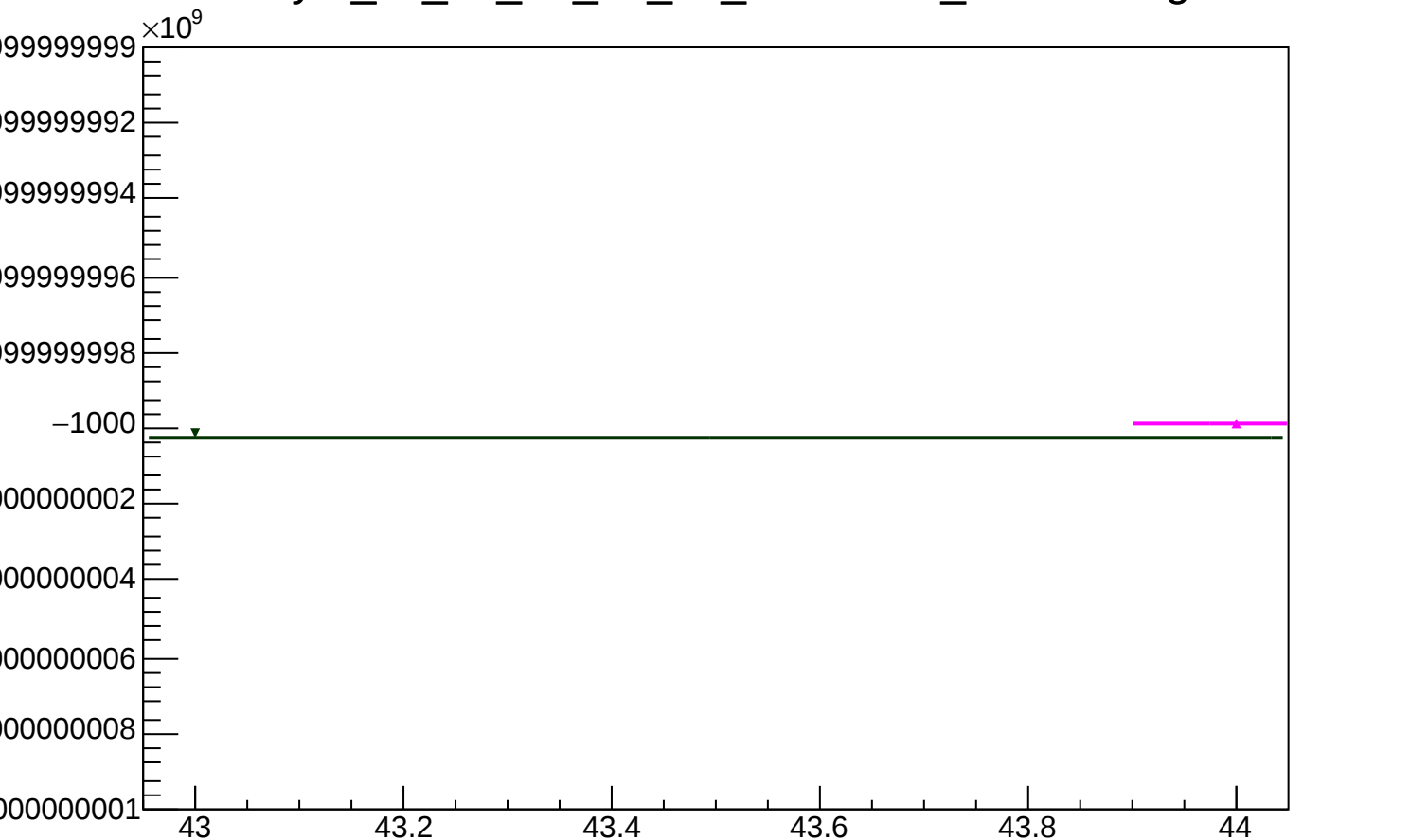
Left Out: -10000000000000000.250+/-0.018 χ^2 /NDF:47.0/0

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

Right Out: 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_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

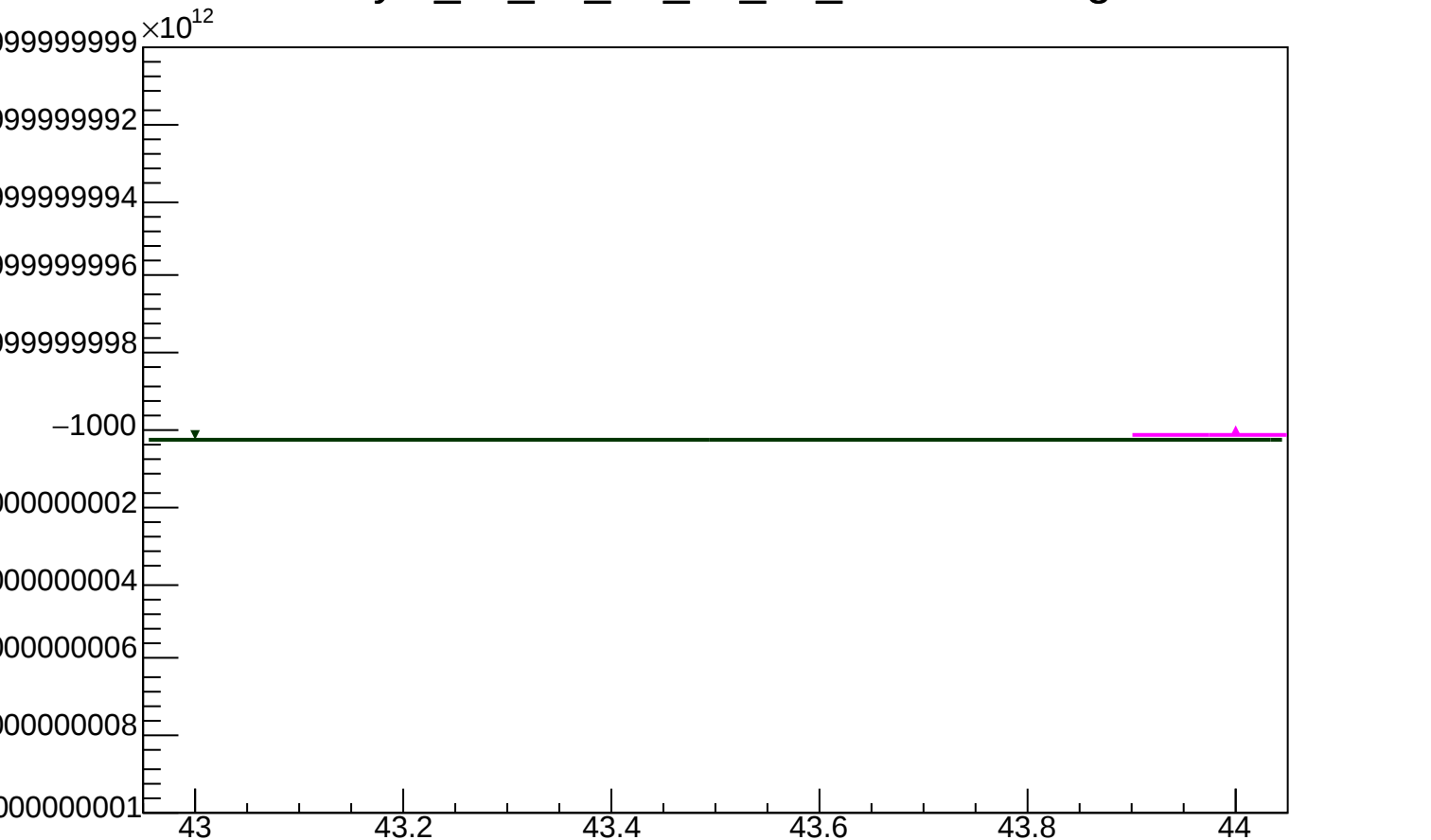
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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_mean vs slug



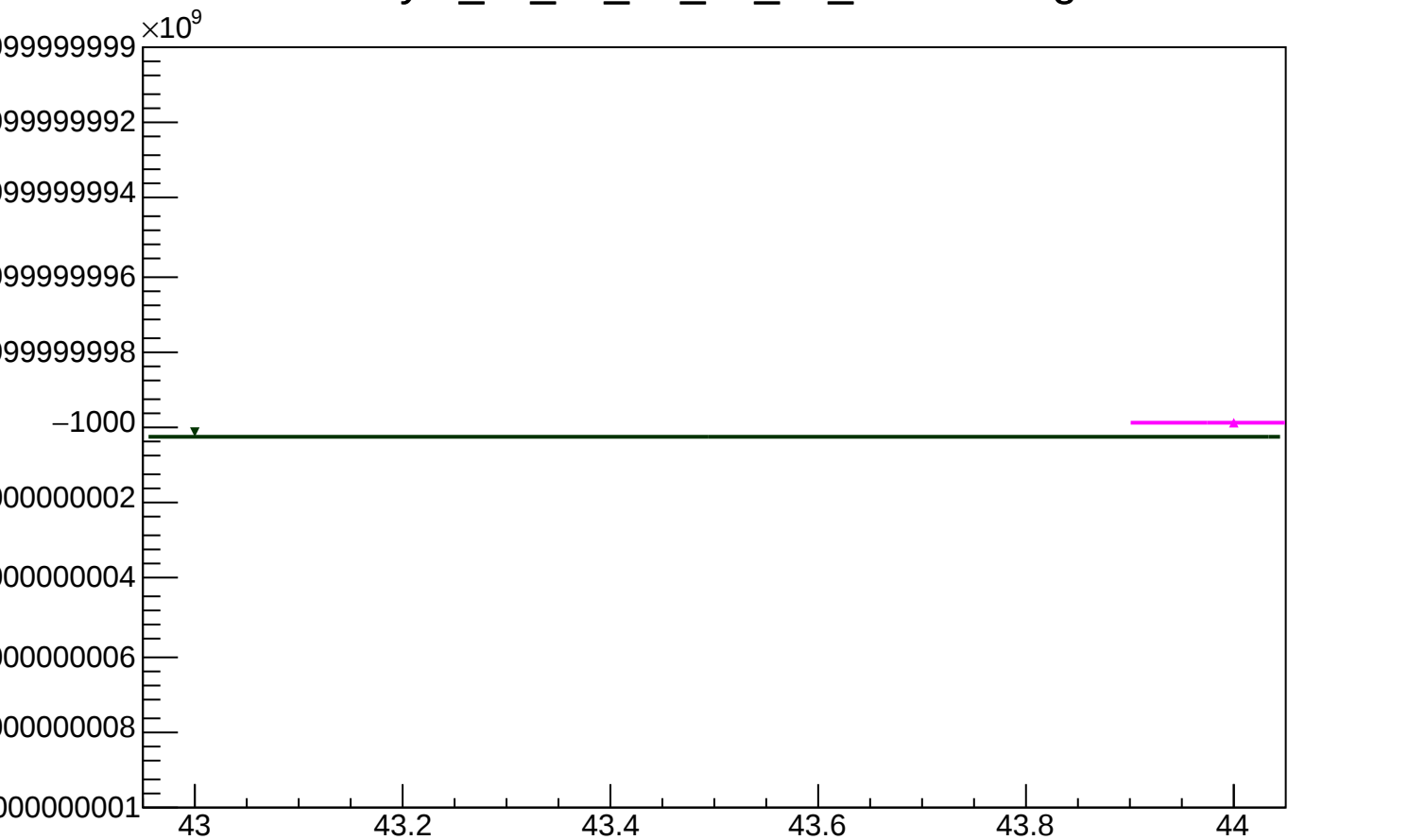
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

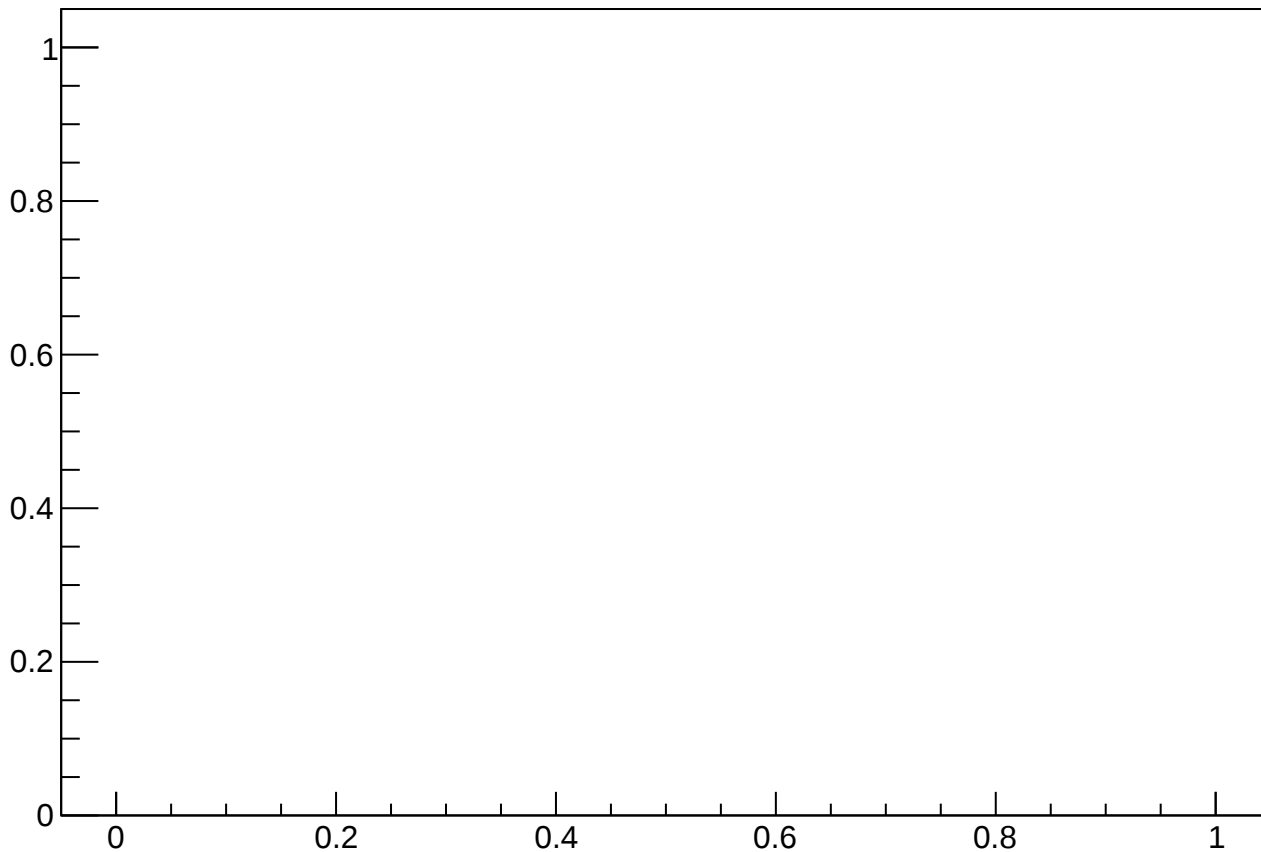
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

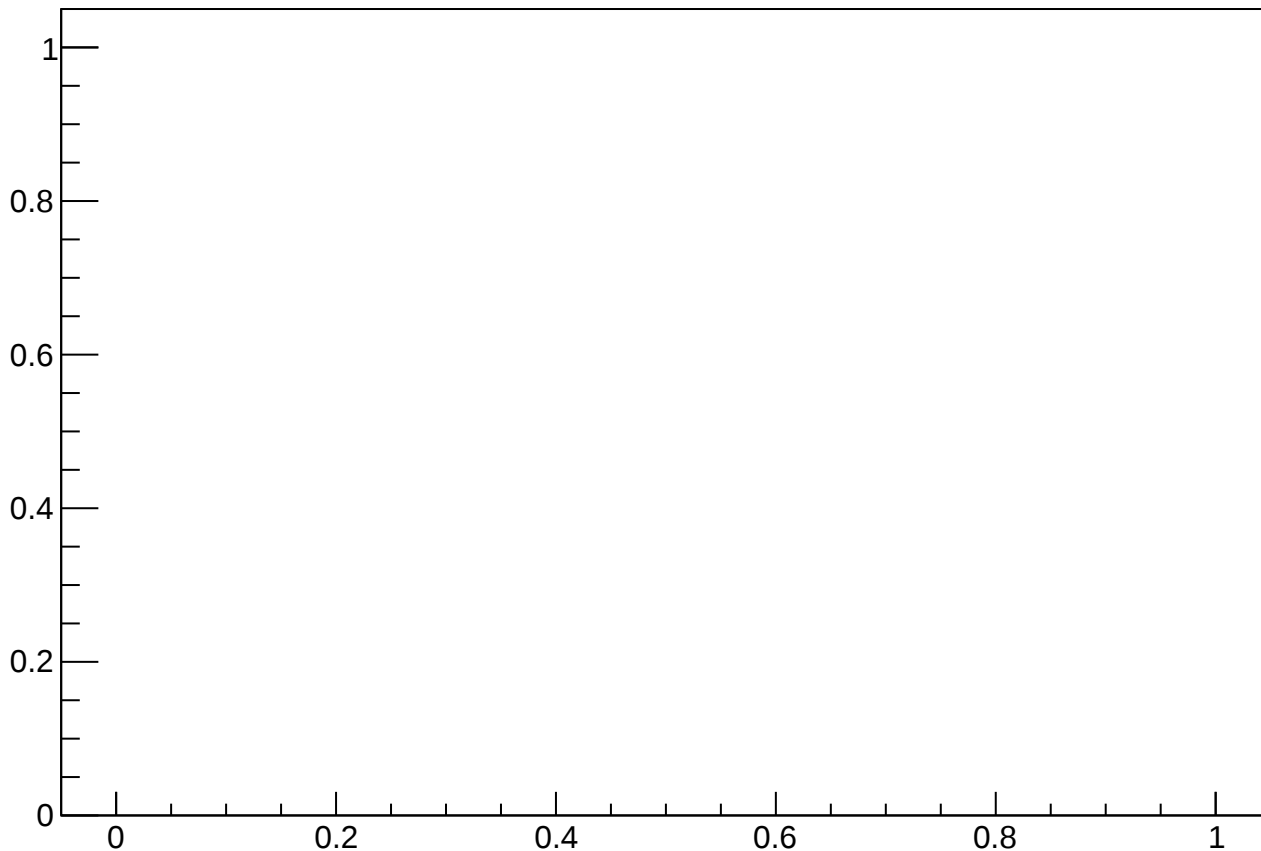
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

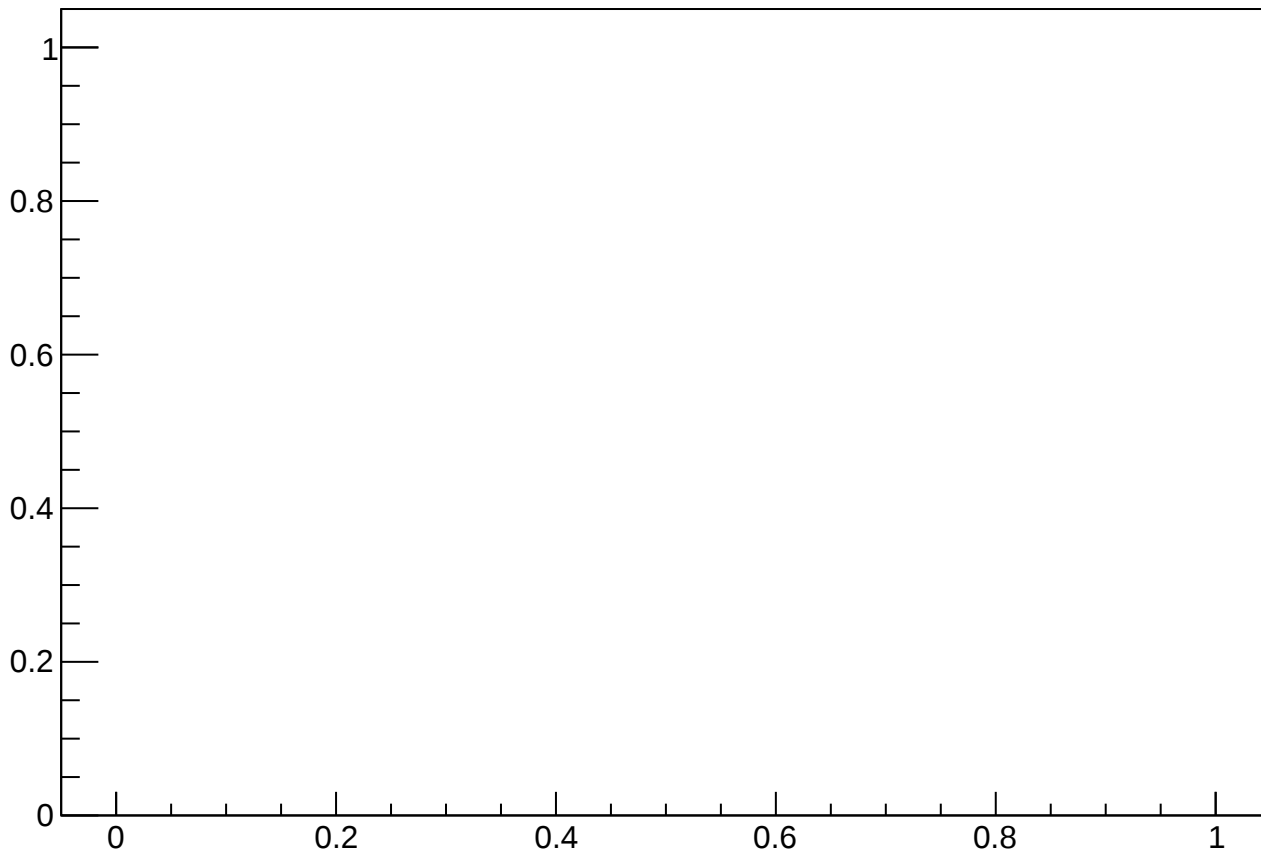
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

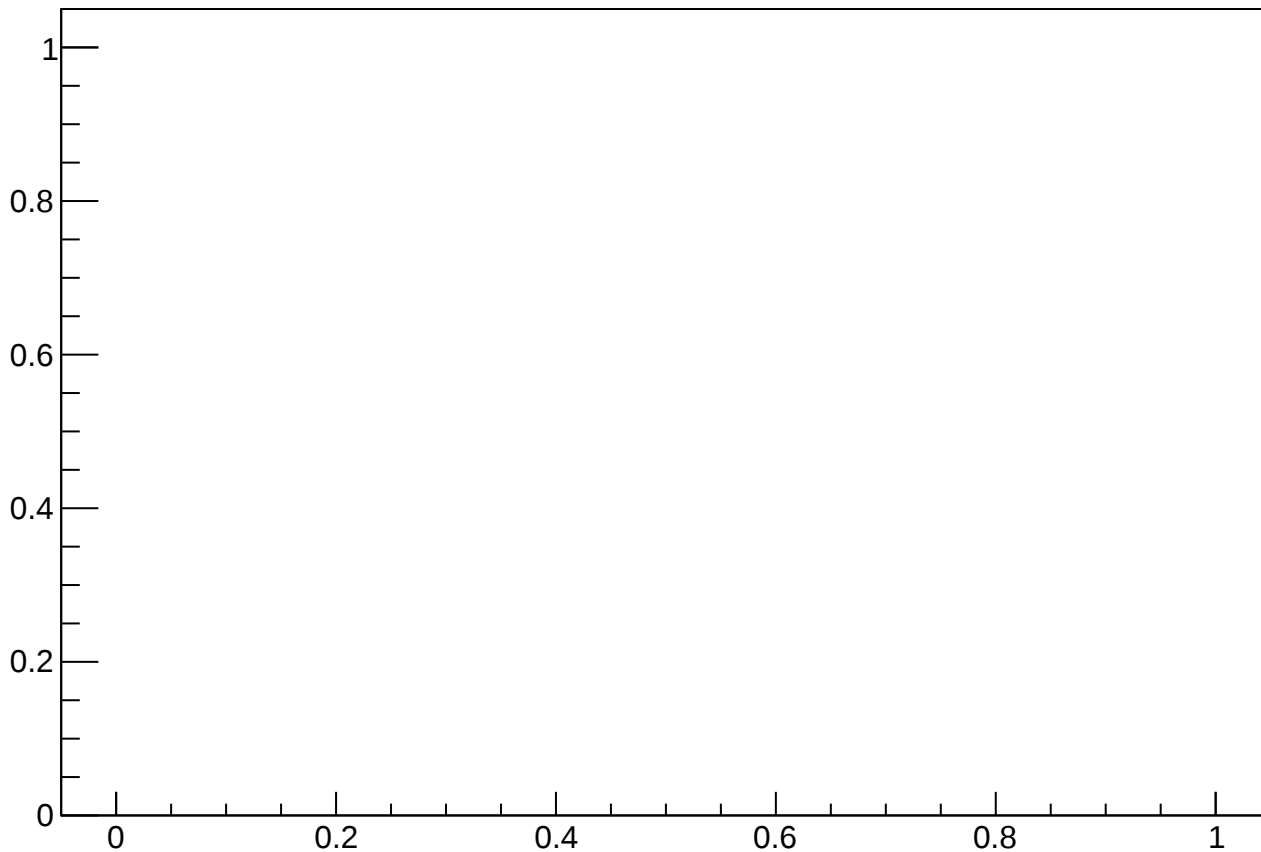
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

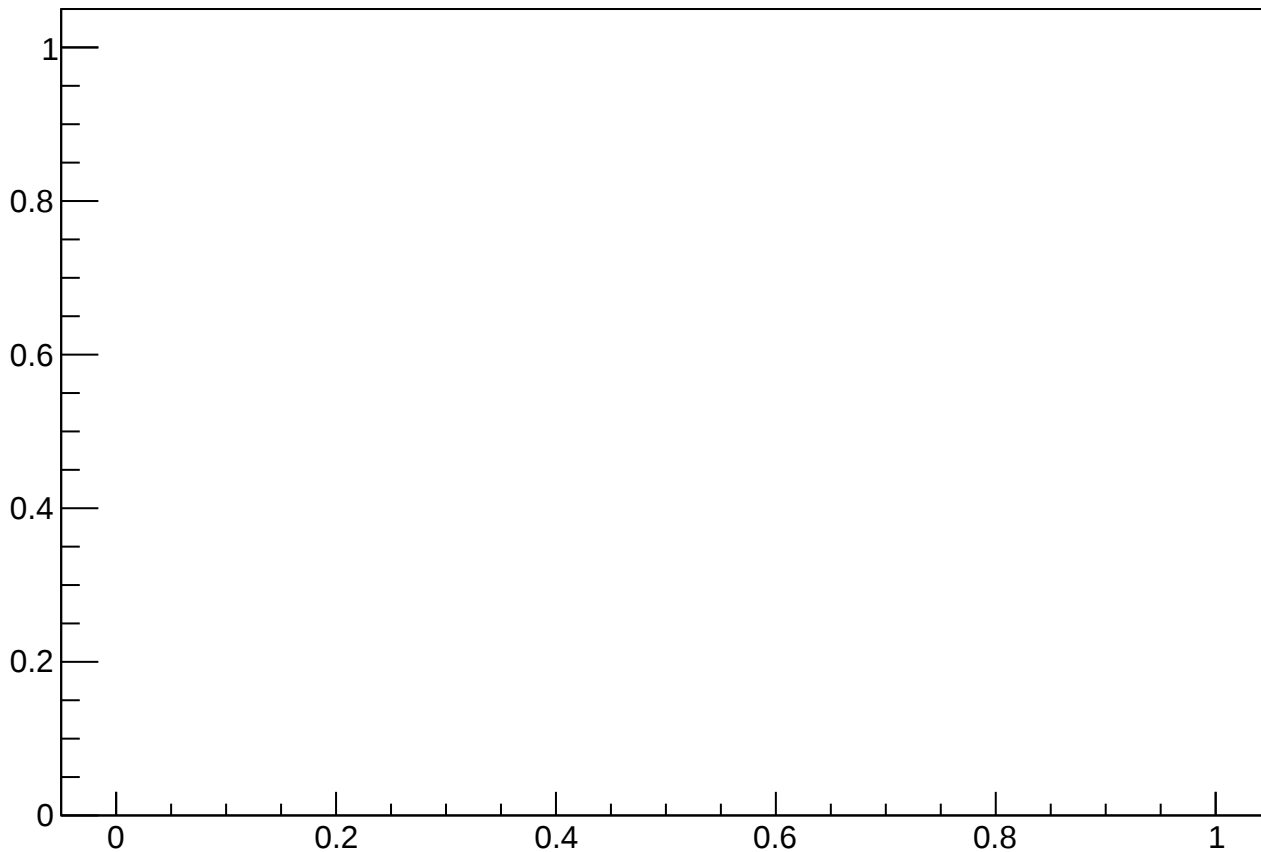
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

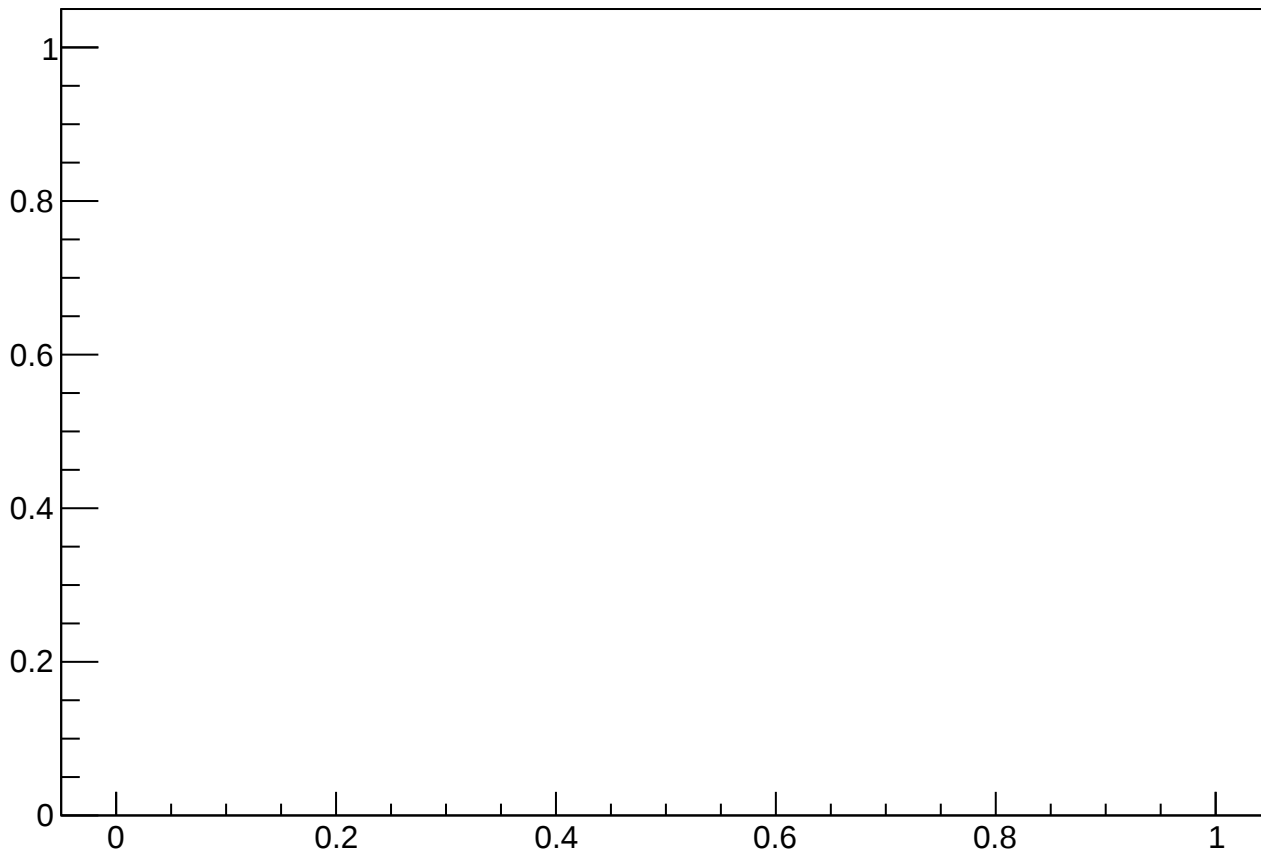
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

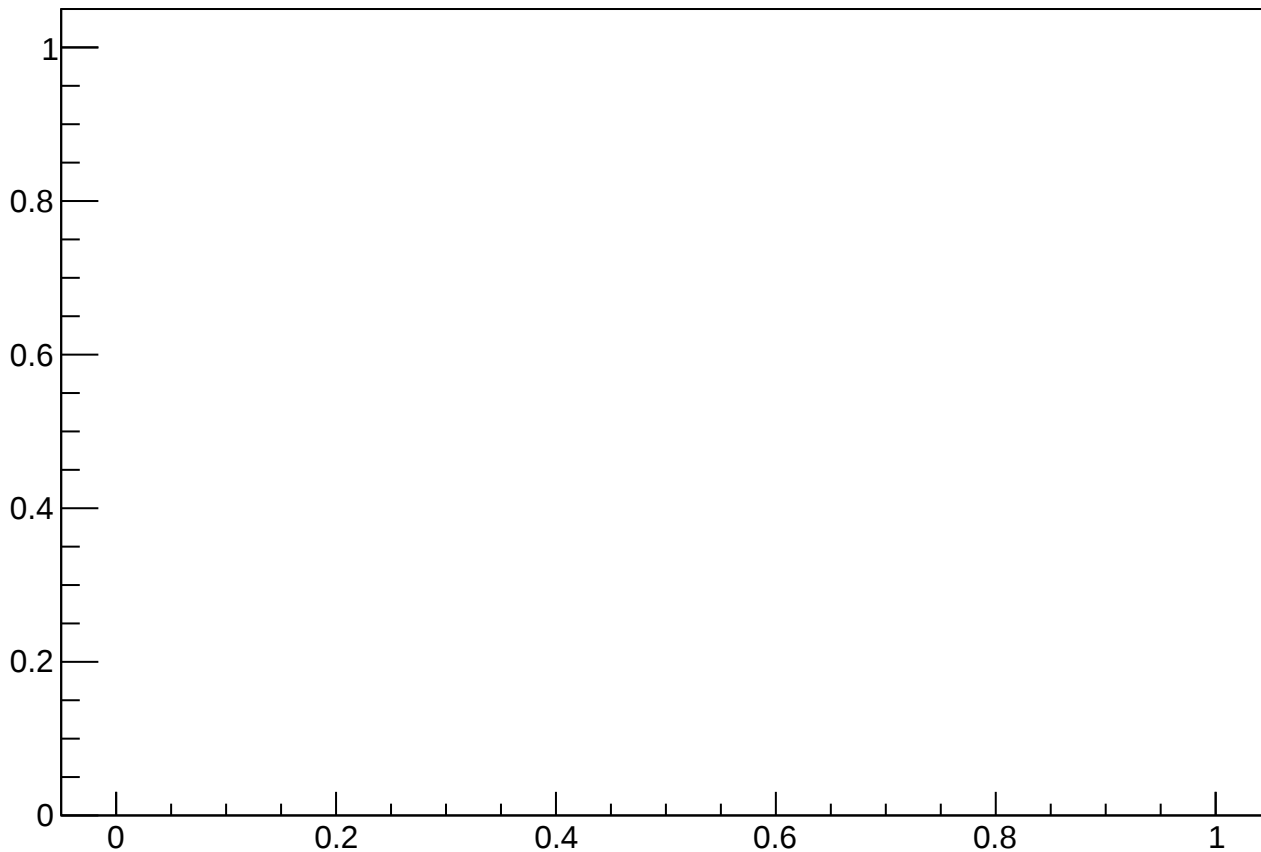
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

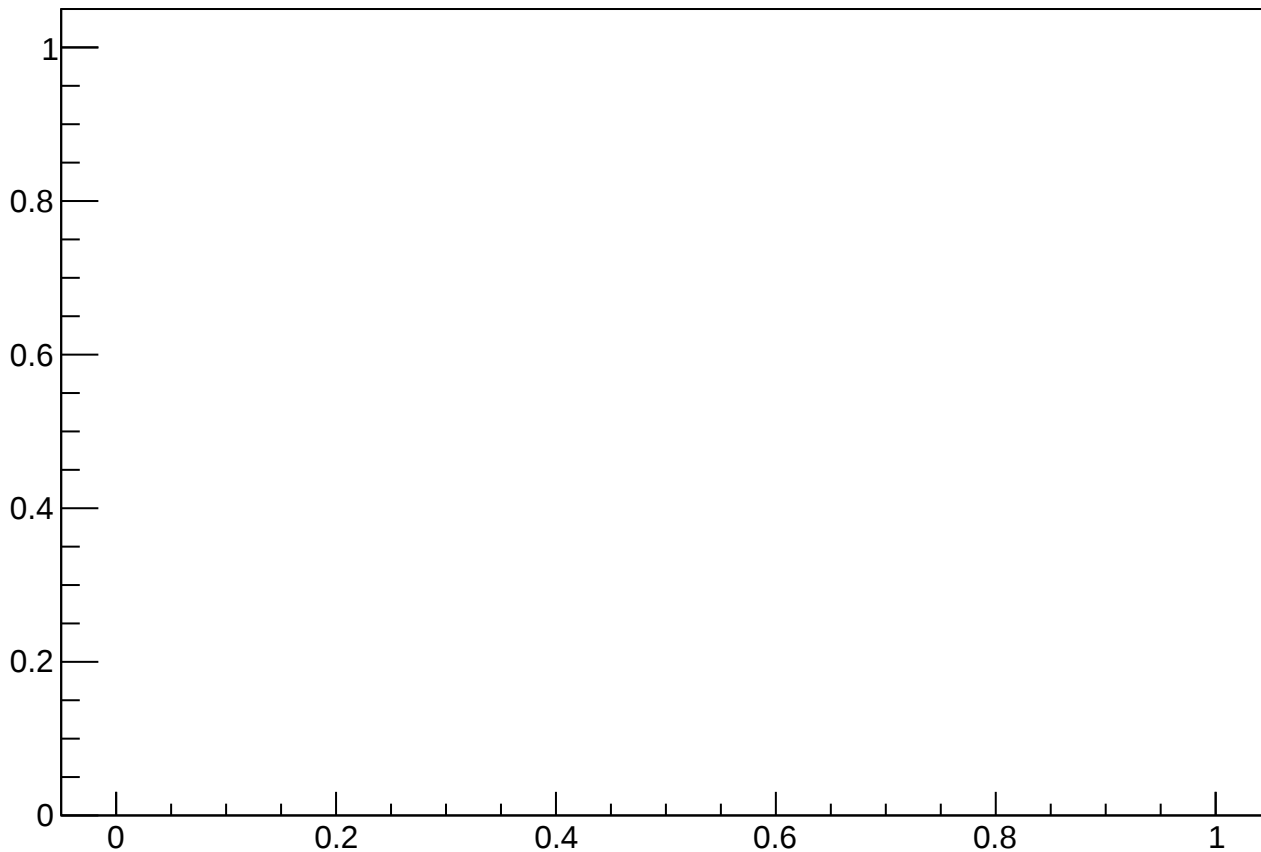
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

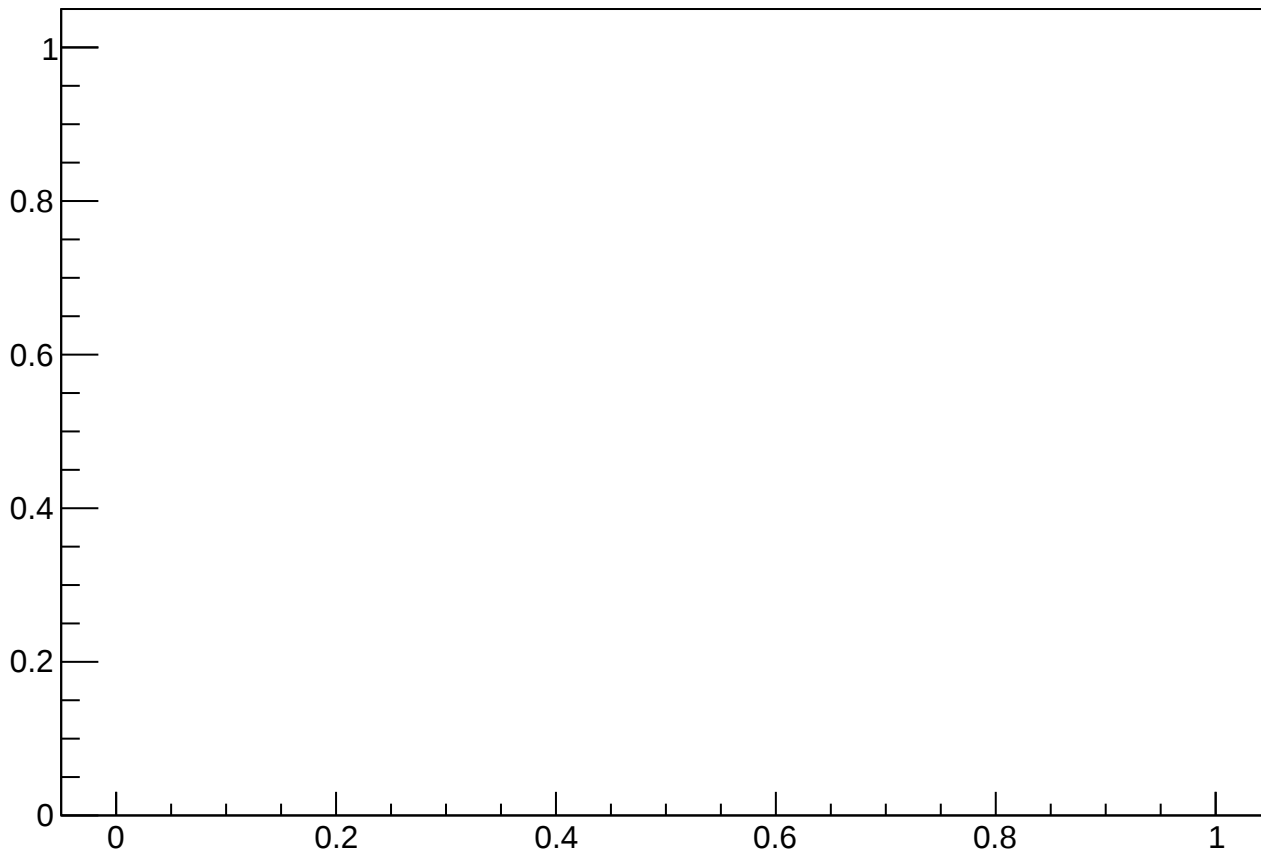
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

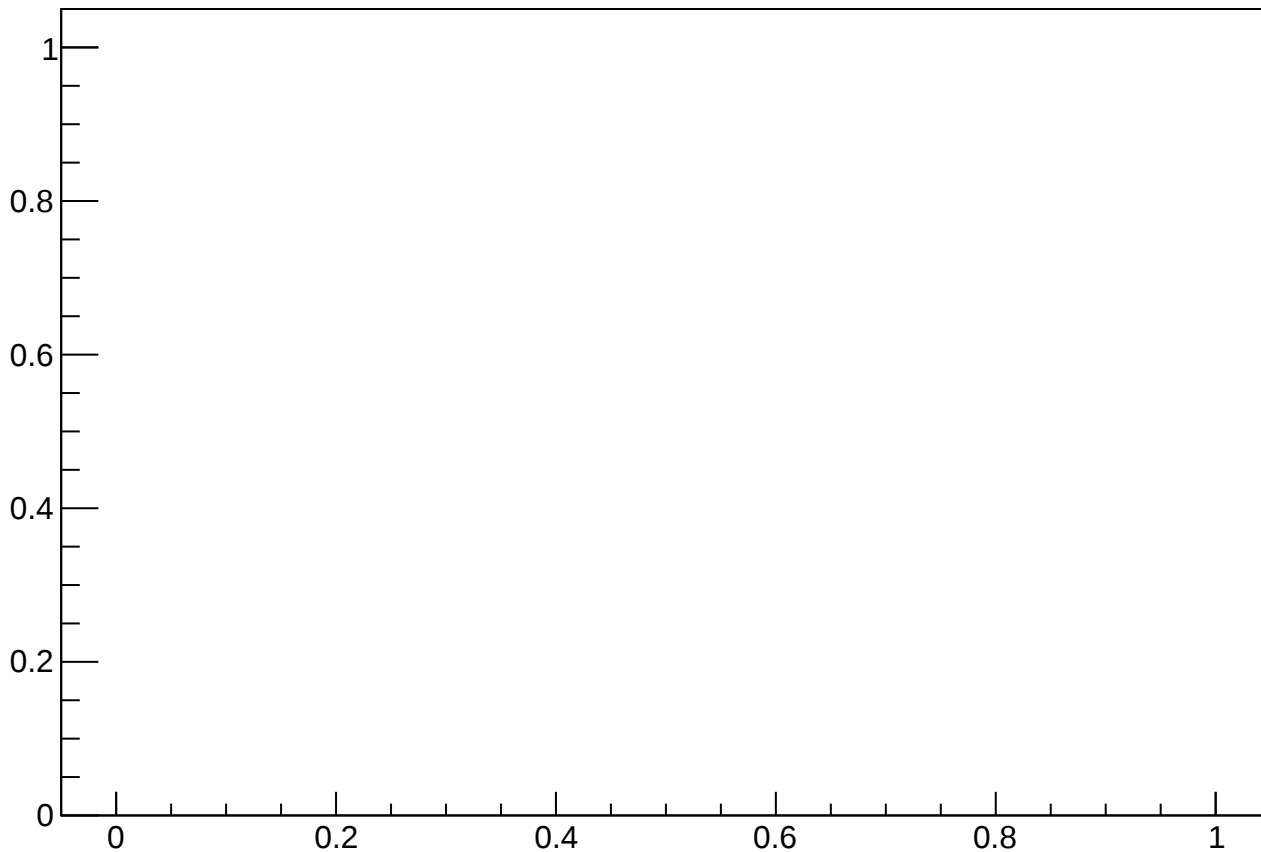
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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