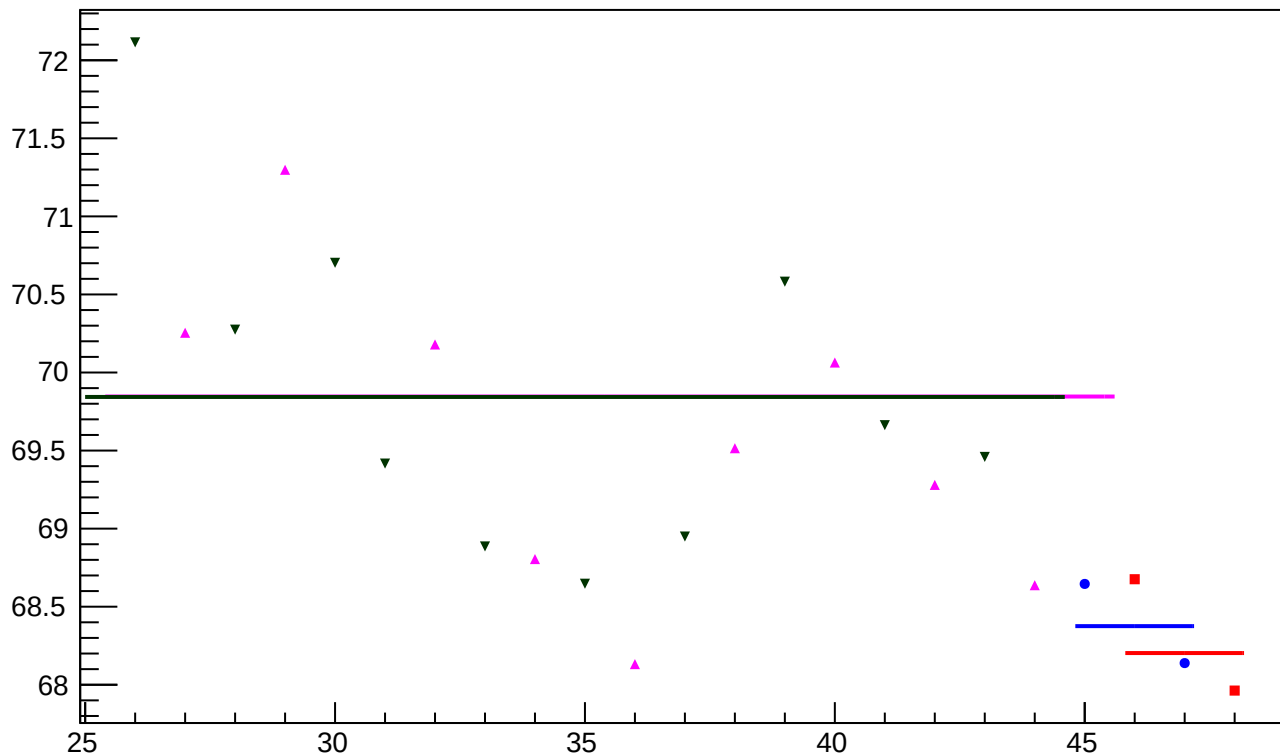


yield_usl_mean vs slug



Right In: 68.375+/-0.000

χ^2/NDF : 4225364.0/1

69.551+/-0.000

χ^2/NDF : 333063731.3/11

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 68.203+/-0.000

χ^2/NDF : 5753428.7/1

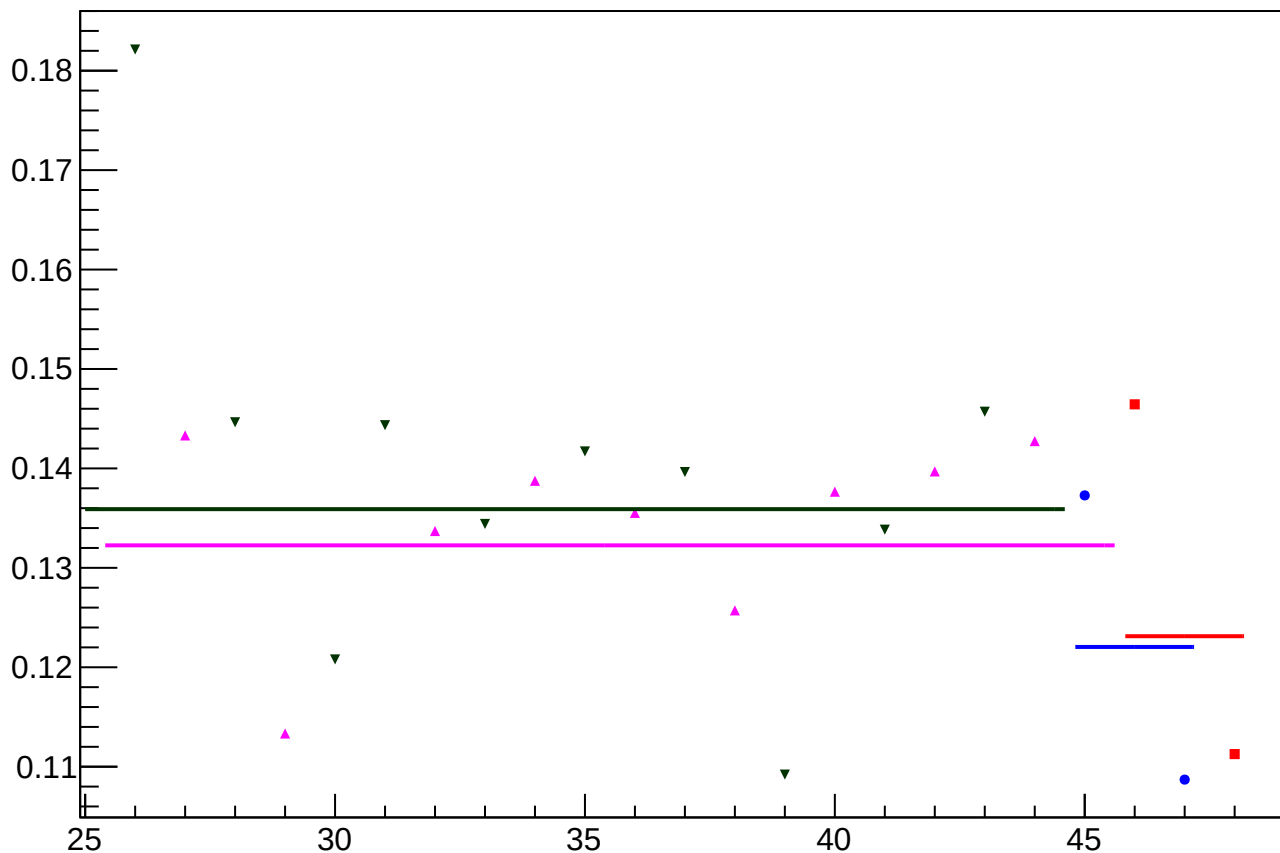
69.613+/-0.000

χ^2/NDF : 414578626.0/10

Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

yield_usl_rms vs slug



Right In: 0.122+/-0.000 χ^2/NDF : 26848.1/1

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

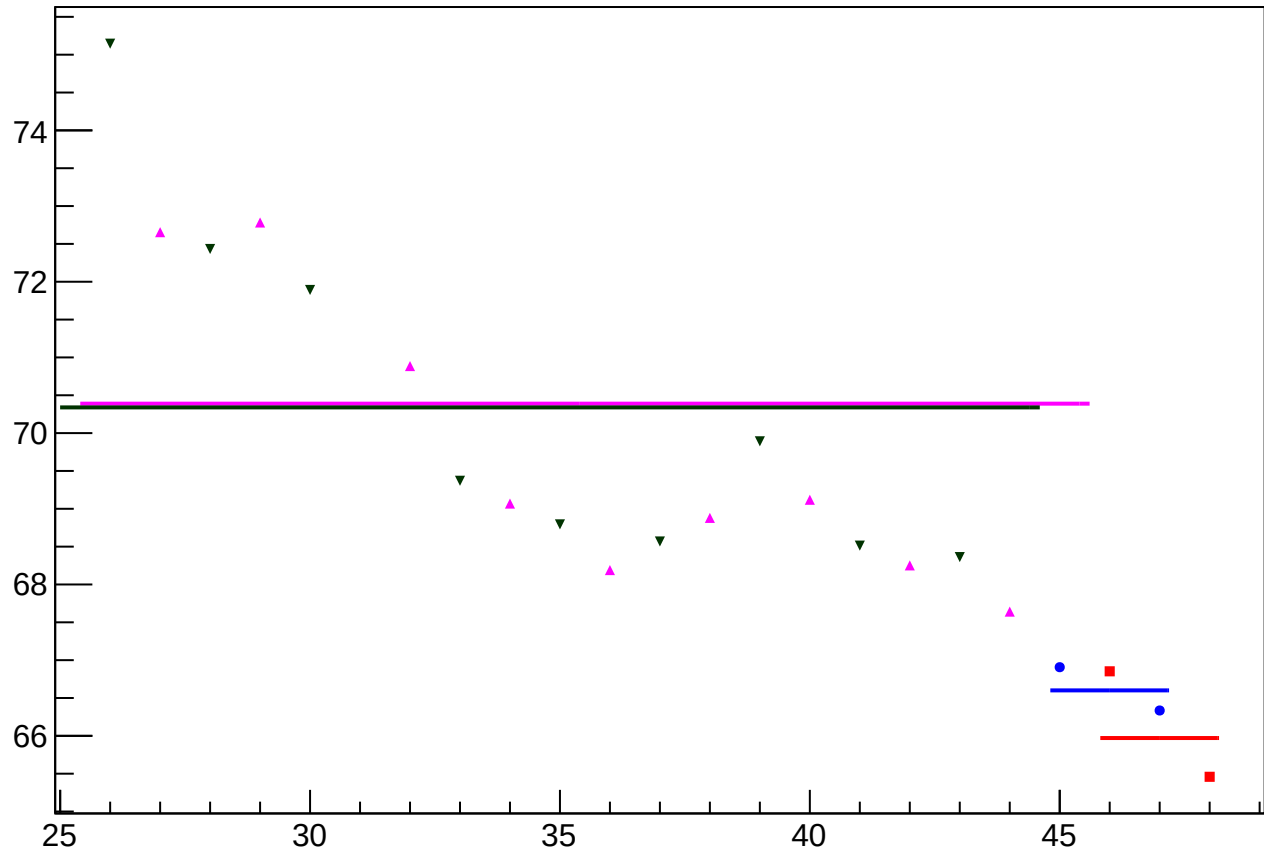
Right Out: 0.123+/-0.000 χ^2/NDF : 27989.6/1

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

0.133+/-0.000 χ^2/NDF : 189187.7/11

0.131+/-0.000 χ^2/NDF : 103472.1/10

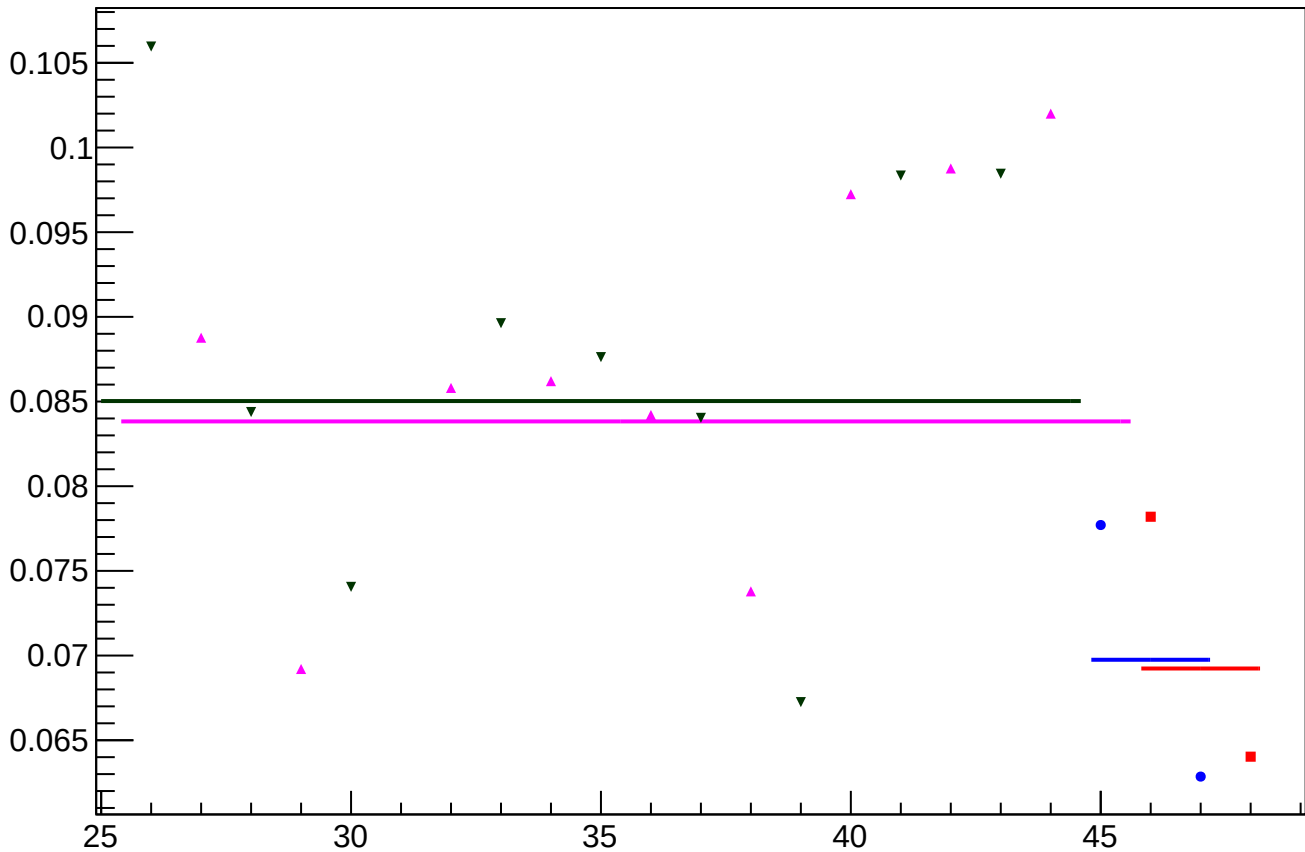
yield_usr_mean vs slug



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: 65.971+/-0.000 χ^2/NDF : 68545080.9/1
 Left In: 70.389+/-0.000 χ^2/NDF : 2703371735.7/8

69.464+/-0.000 χ^2/NDF : 4341229532.4/10
 69.625+/-0.000 χ^2/NDF : 5222860947.4/10

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

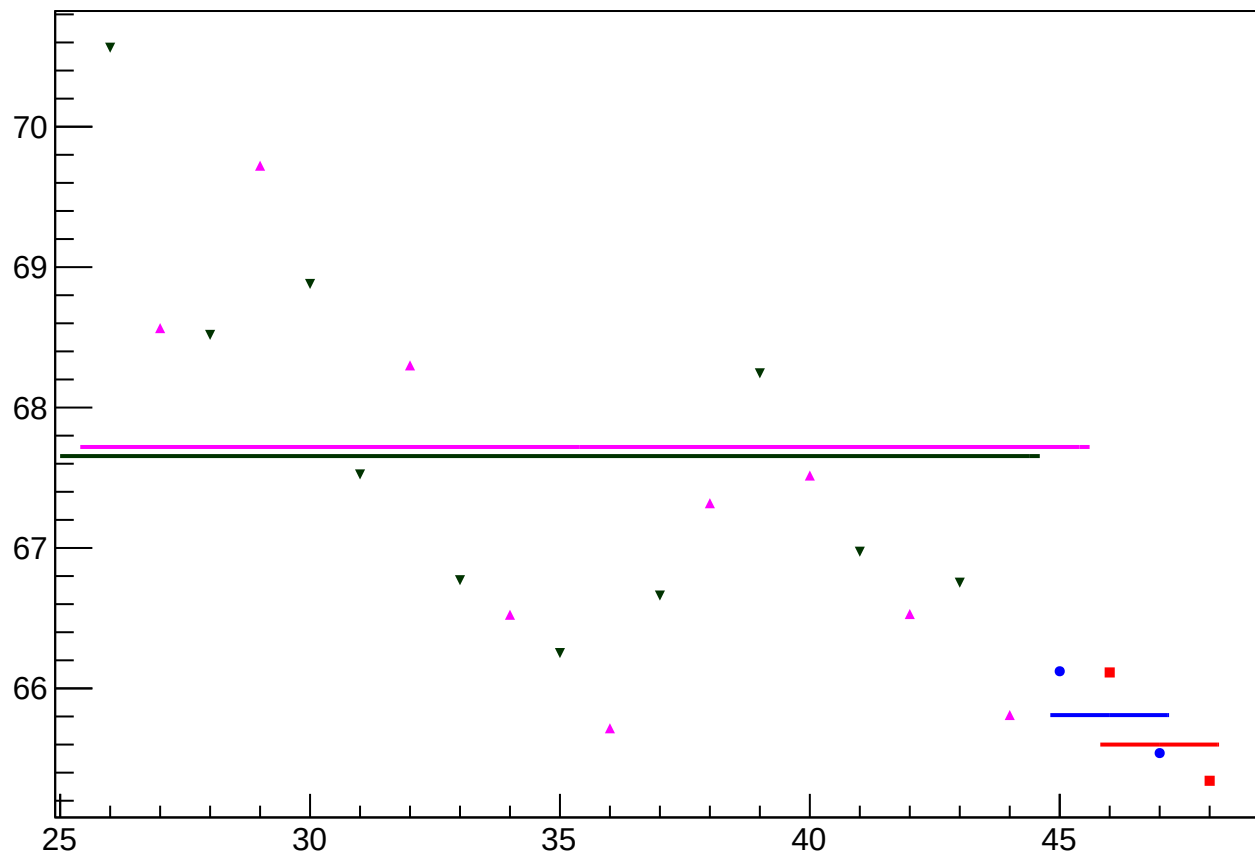
Right Out: 0.069+/-0.000 χ^2/NDF : 14168.3/1

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

0.081+/-0.000 χ^2/NDF : 240421.2/10

0.081+/-0.000 χ^2/NDF : 229811.3/10

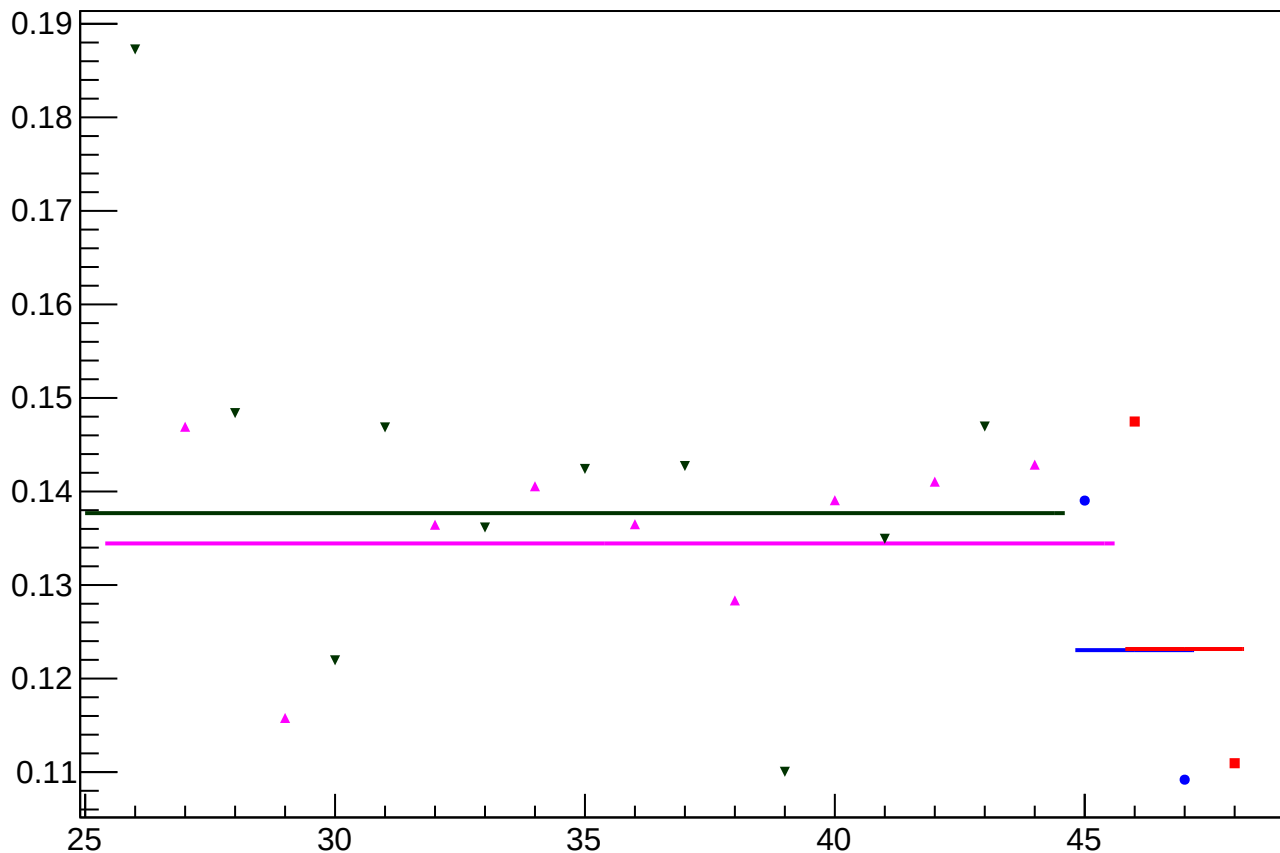
yield_dsl_mean vs slug



Right In: 65.810 $\pm$ 0.000 χ^2/NDF : 5488467.0/1
 Left Out: 67.654 $\pm$ 0.000 χ^2/NDF : 328545386.7/9
 Right Out: 65.600 $\pm$ 0.000 χ^2/NDF : 6732164.6/1
 Left In: 67.719 $\pm$ 0.000 χ^2/NDF : 544133409.1/8

67.284 $\pm$ 0.000 χ^2/NDF : 510726971.6/11
 67.409 $\pm$ 0.000 χ^2/NDF : 745750535.1/10

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

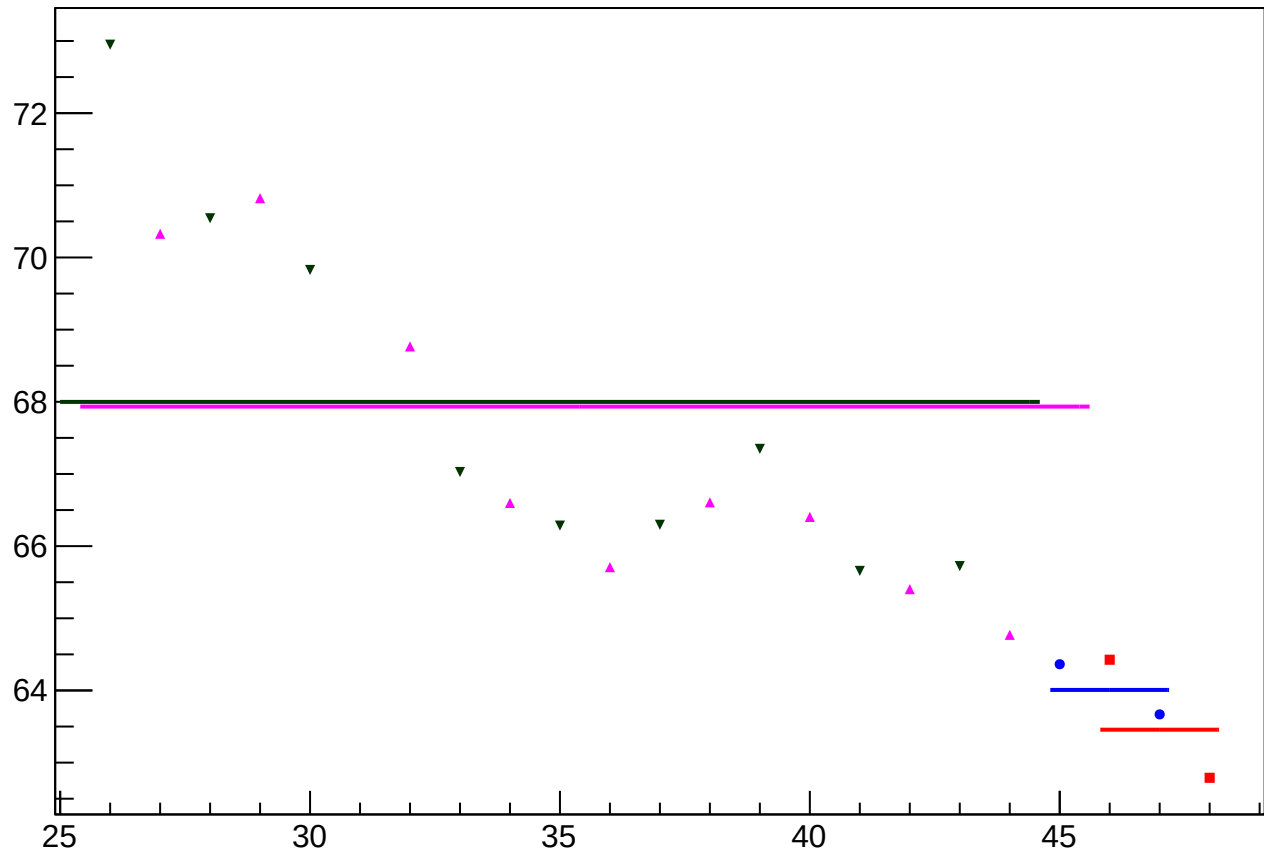
Right Out: 0.123+/-0.000 χ^2/NDF : 30196.0/1

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

0.135+/-0.000 χ^2/NDF : 204550.8/11

0.133+/-0.000 χ^2/NDF : 104749.7/10

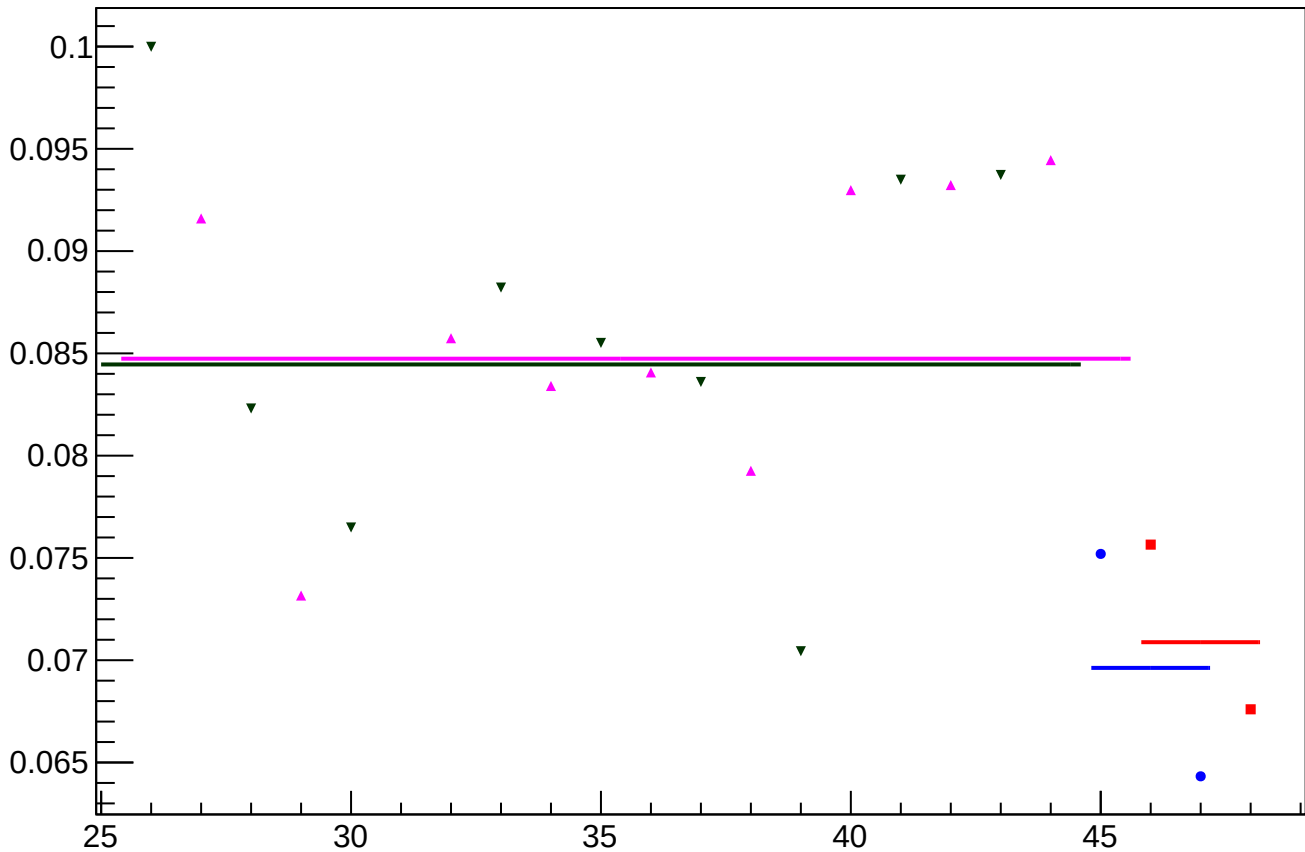
yield_dsr_mean vs slug



Right In: 64.007 $\pm$ 0.000 χ^2 /NDF: 22511237.4/1
 Left Out: 67.999 $\pm$ 0.000 χ^2 /NDF:3088835100.9/8
 Right Out: 63.456 $\pm$ 0.000 χ^2 /NDF: 95161227.9/1
 Left In: 67.934 $\pm$ 0.000 χ^2 /NDF:3365476193.8/8

67.066 $\pm$ 0.000 χ^2 /NDF: 5387644124.6/10
 67.170 $\pm$ 0.000 χ^2 /NDF: 5908648085.9/10

yield_dsr_rms vs slug



Right In: 0.070+/-0.000 χ^2/NDF : 11014.0/1

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

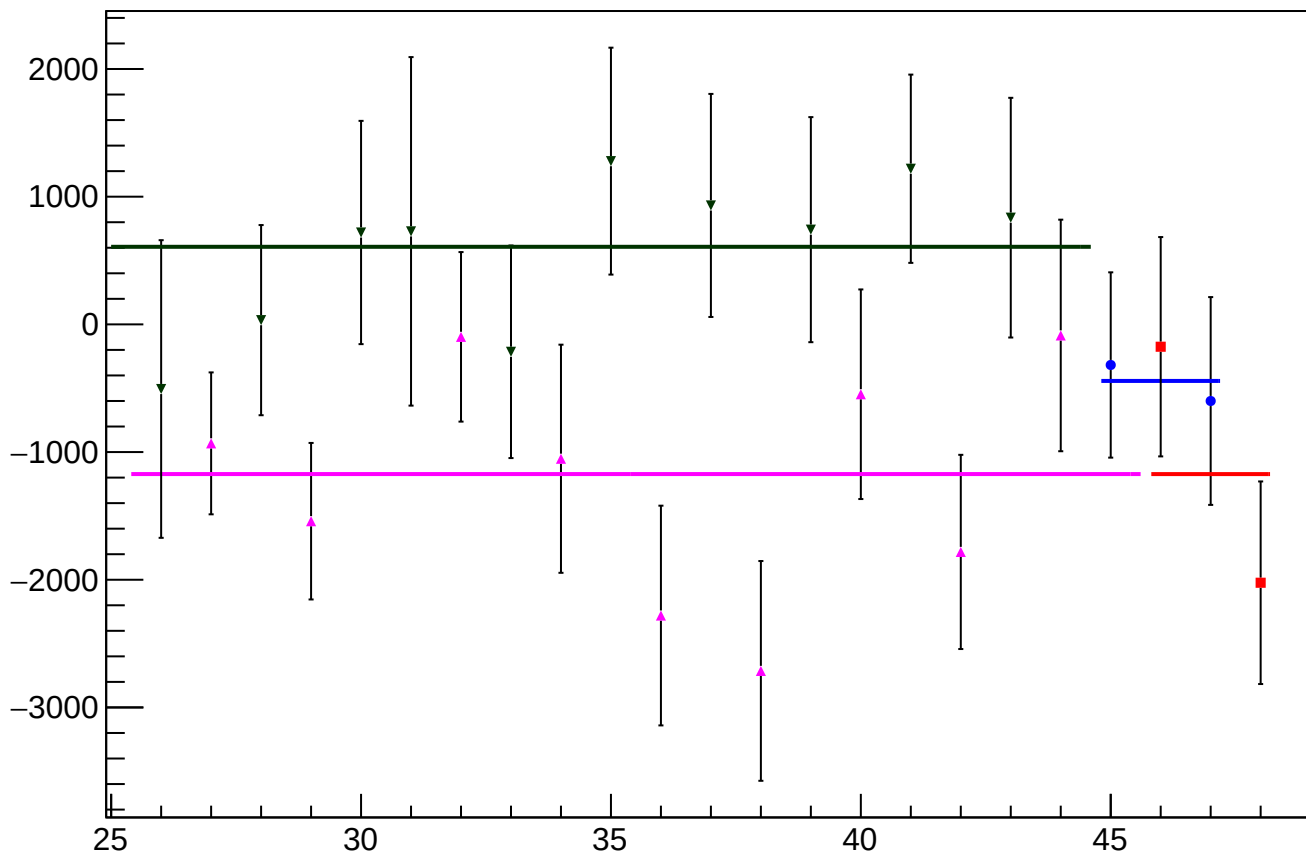
Right Out: 0.071+/-0.000 χ^2/NDF : 4608.3/1

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

0.081+/-0.000 χ^2/NDF : 160660.6/10

0.082+/-0.000 χ^2/NDF : 128245.7/10

asym_usl_mean vs slug



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

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

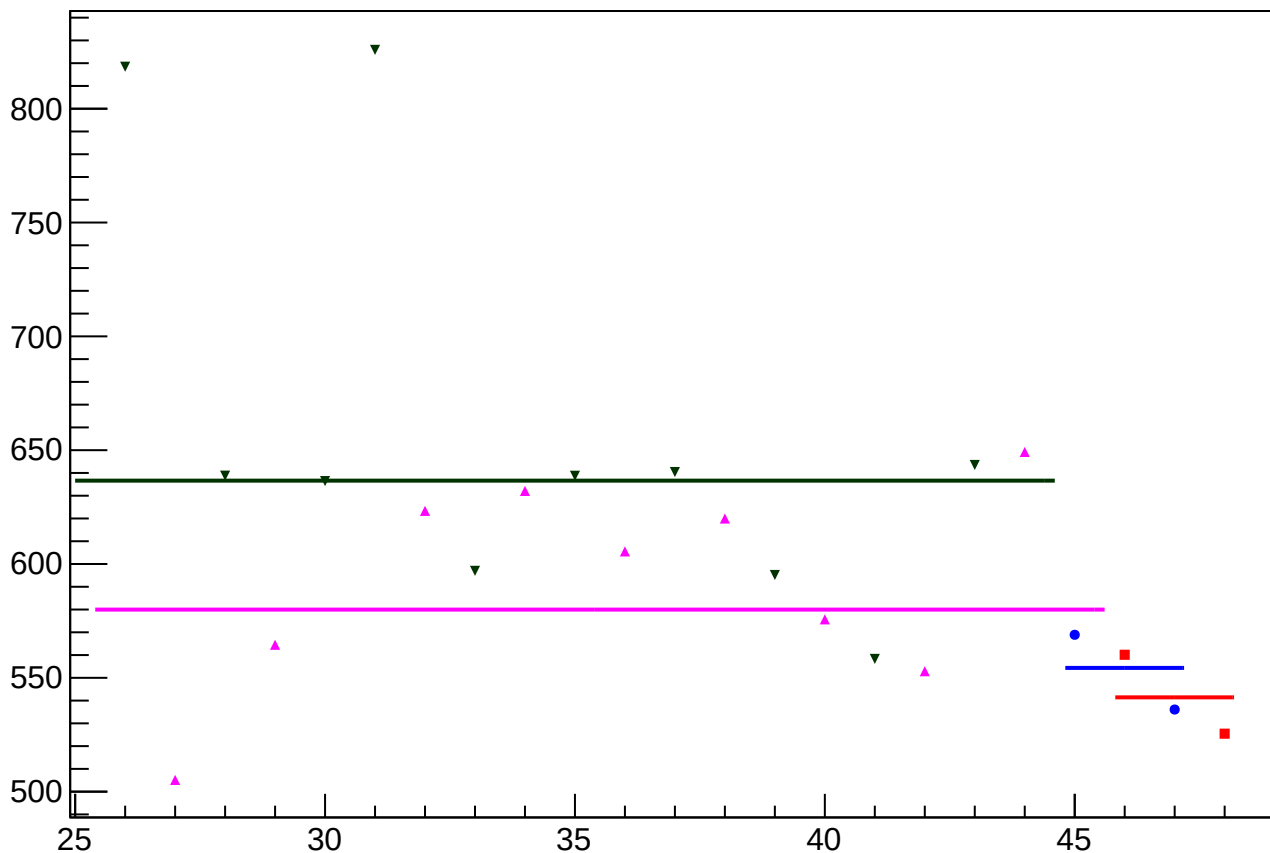
Right Out: -1172.539 ± 582.736 $\chi^2/\text{NDF}: 2.5/1$

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

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

-1172.349 ± 226.468 $\chi^2/\text{NDF}: 13.2/10$

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

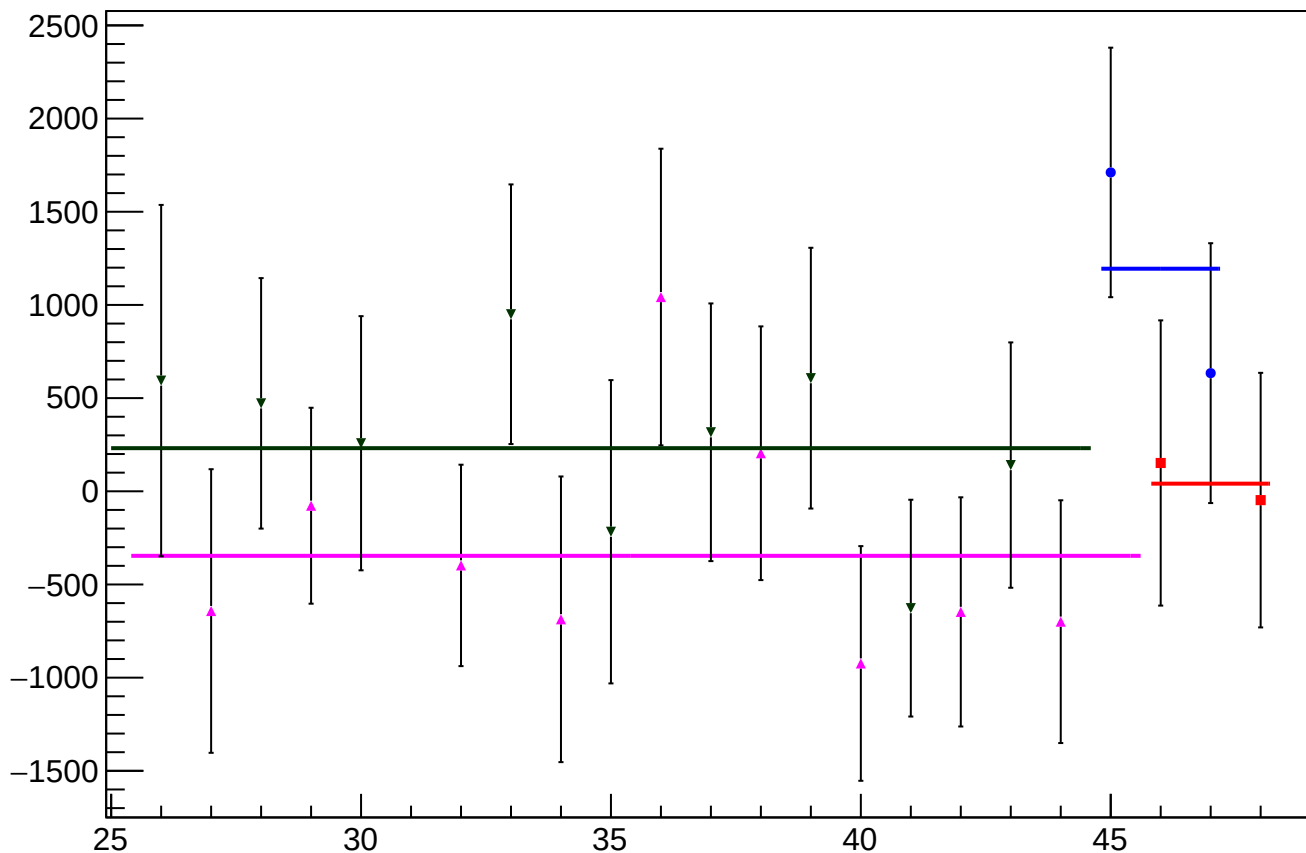
Right Out: 541.424 ± 0.412 χ^2/NDF : 1758.4/1

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

619.174 ± 0.176 χ^2/NDF : 156993.5/11

574.149 ± 0.160 χ^2/NDF : 82394.6/10

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

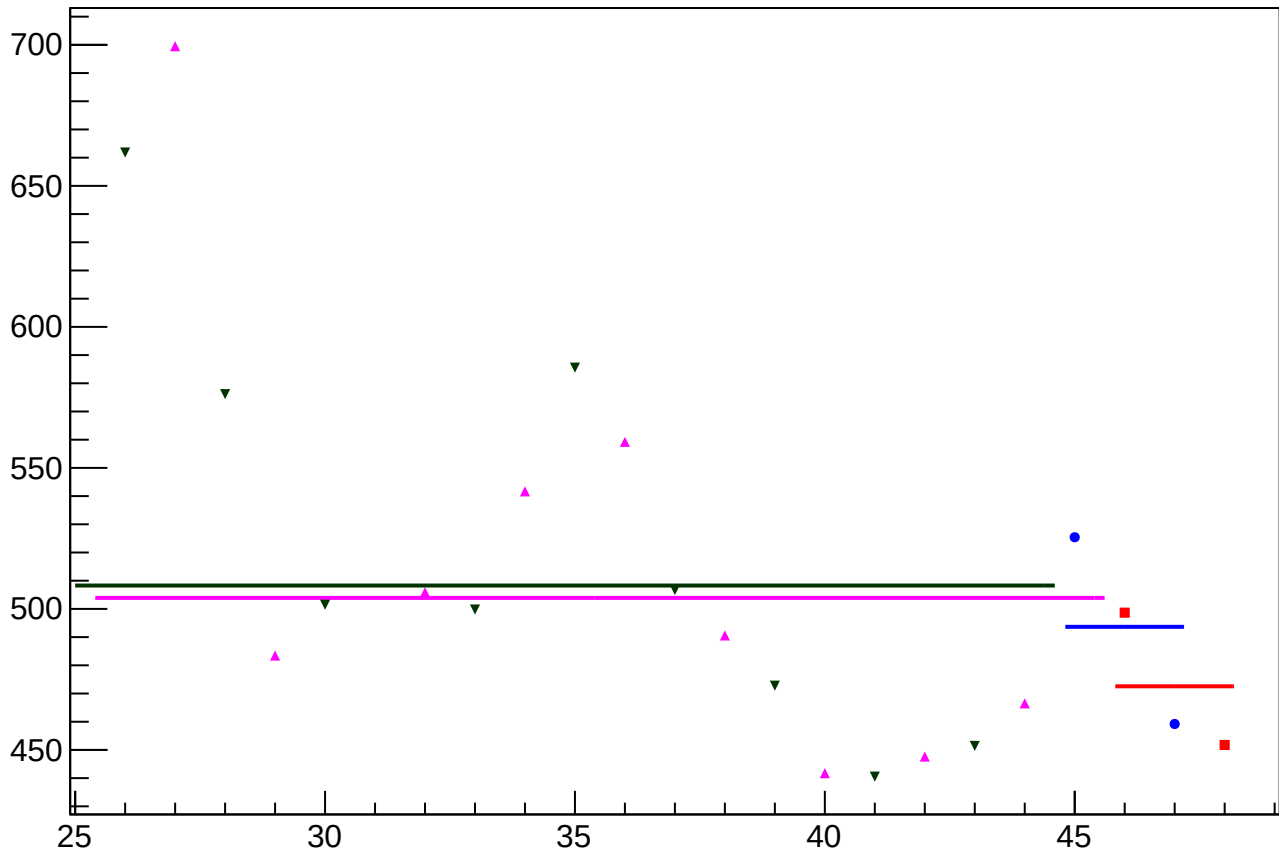
Right Out: 40.974+/-509.575 χ^2/NDF : 0.0/1

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

412.952+/-209.667 χ^2/NDF : 8.6/10

-287.966+/-197.697 χ^2/NDF : 6.2/10

asym_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

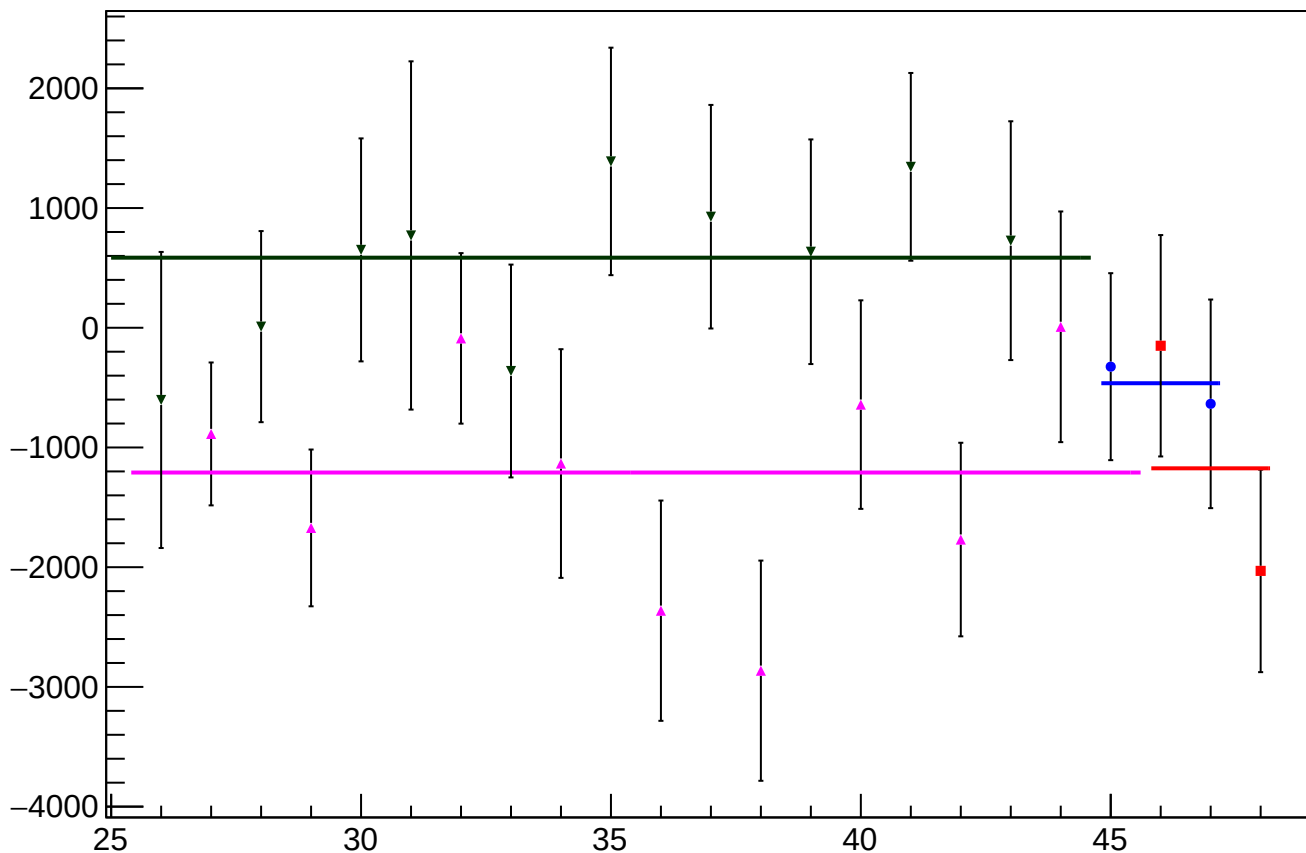
Left Out: 508.292 $\pm$ 0.165 χ^2 /NDF:139195.8/8

Right Out: 472.558 $\pm$ 0.360 χ^2 /NDF: 4182.7/1

499.184 $\pm$ 0.140 χ^2 /NDF: 203961.9/10

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

asym_dsl_mean vs slug



Right In: -463.315 ± 581.506 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 585.397 ± 299.644 $\chi^2/\text{NDF}: 4.4/9$

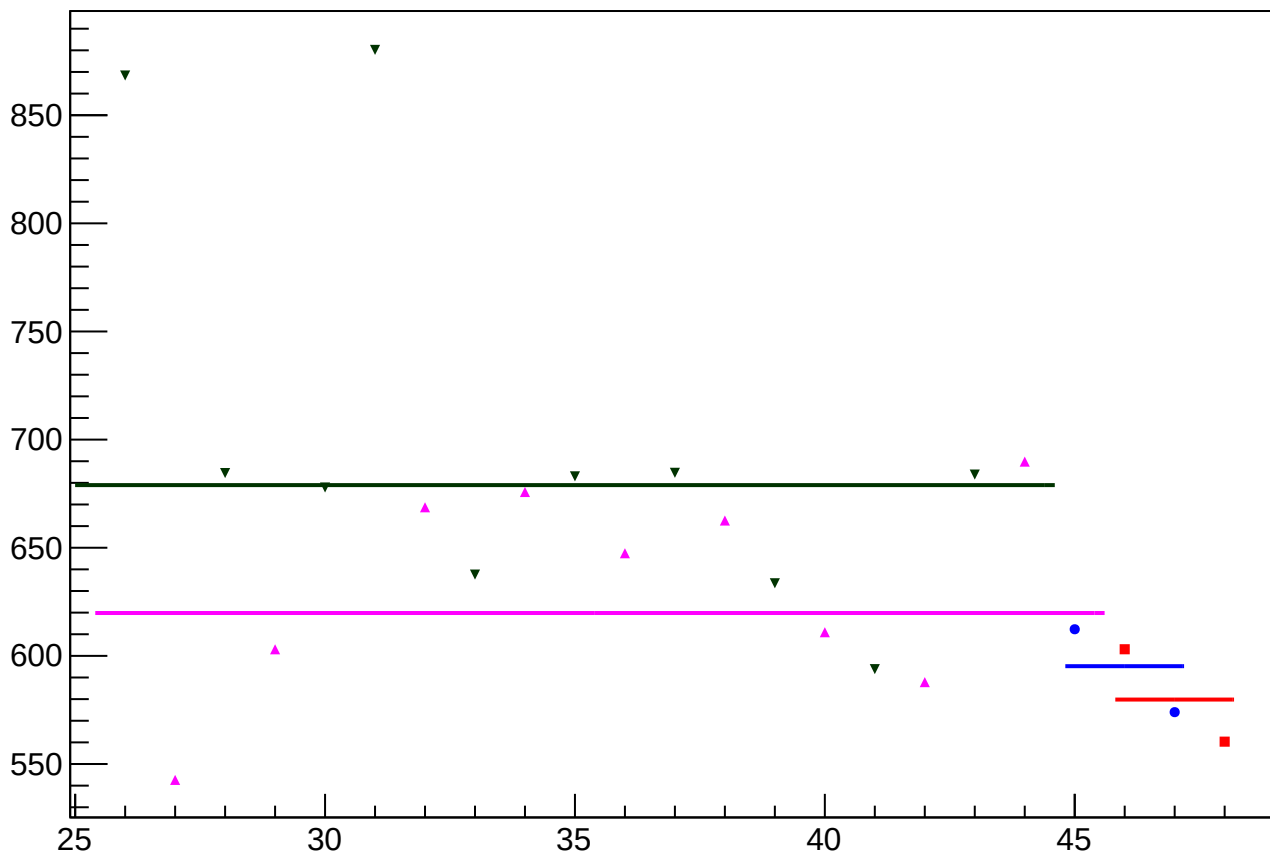
Right Out: -1174.120 ± 624.111 $\chi^2/\text{NDF}: 2.3/1$

Left In: -1209.244 ± 262.640 $\chi^2/\text{NDF}: 10.6/8$

365.363 ± 266.361 $\chi^2/\text{NDF}: 7.1/11$

-1203.959 ± 242.078 $\chi^2/\text{NDF}: 12.8/10$

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

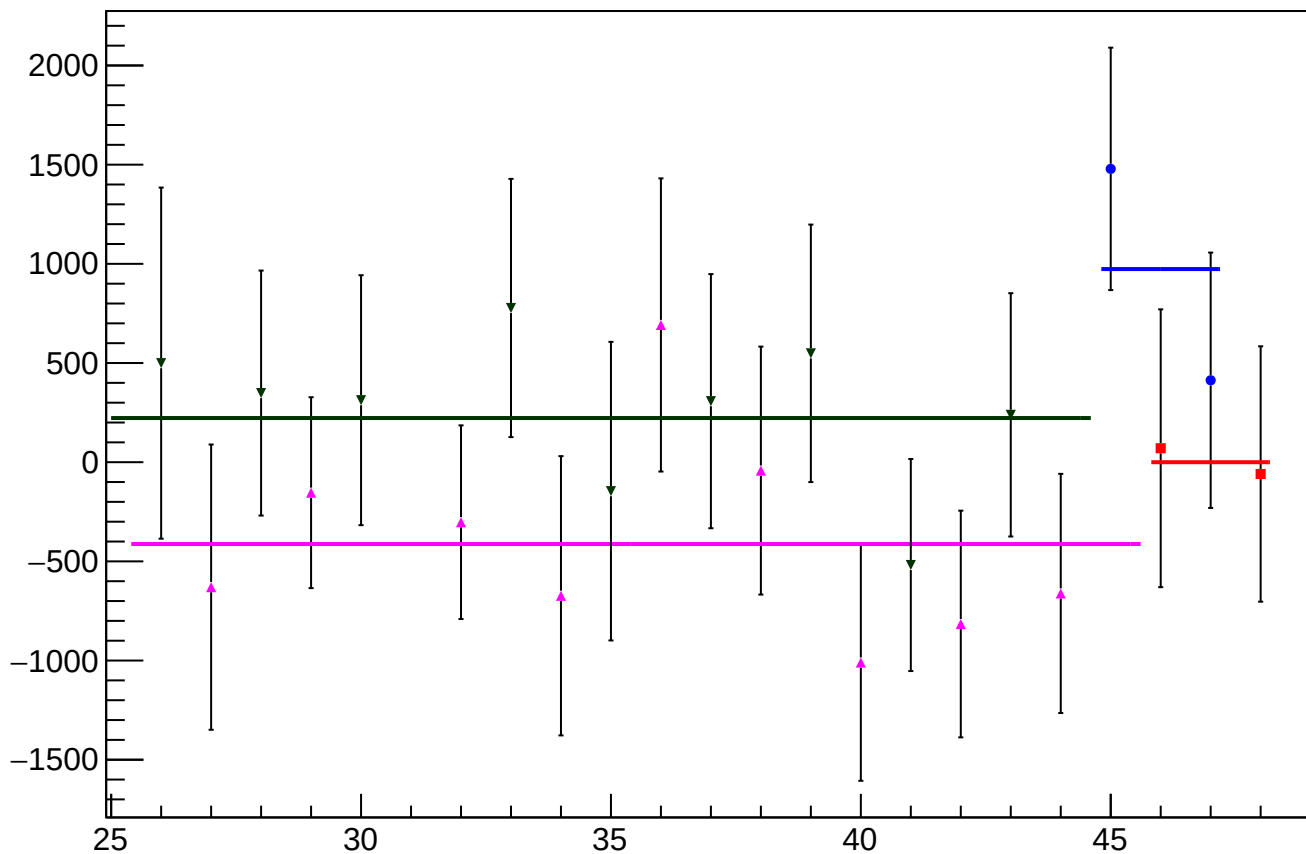
Right Out: 579.800 $\pm$ 0.441 χ^2 /NDF: 2324.7/1

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

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

613.799 $\pm$ 0.171 χ^2 /NDF: 80372.4/10

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

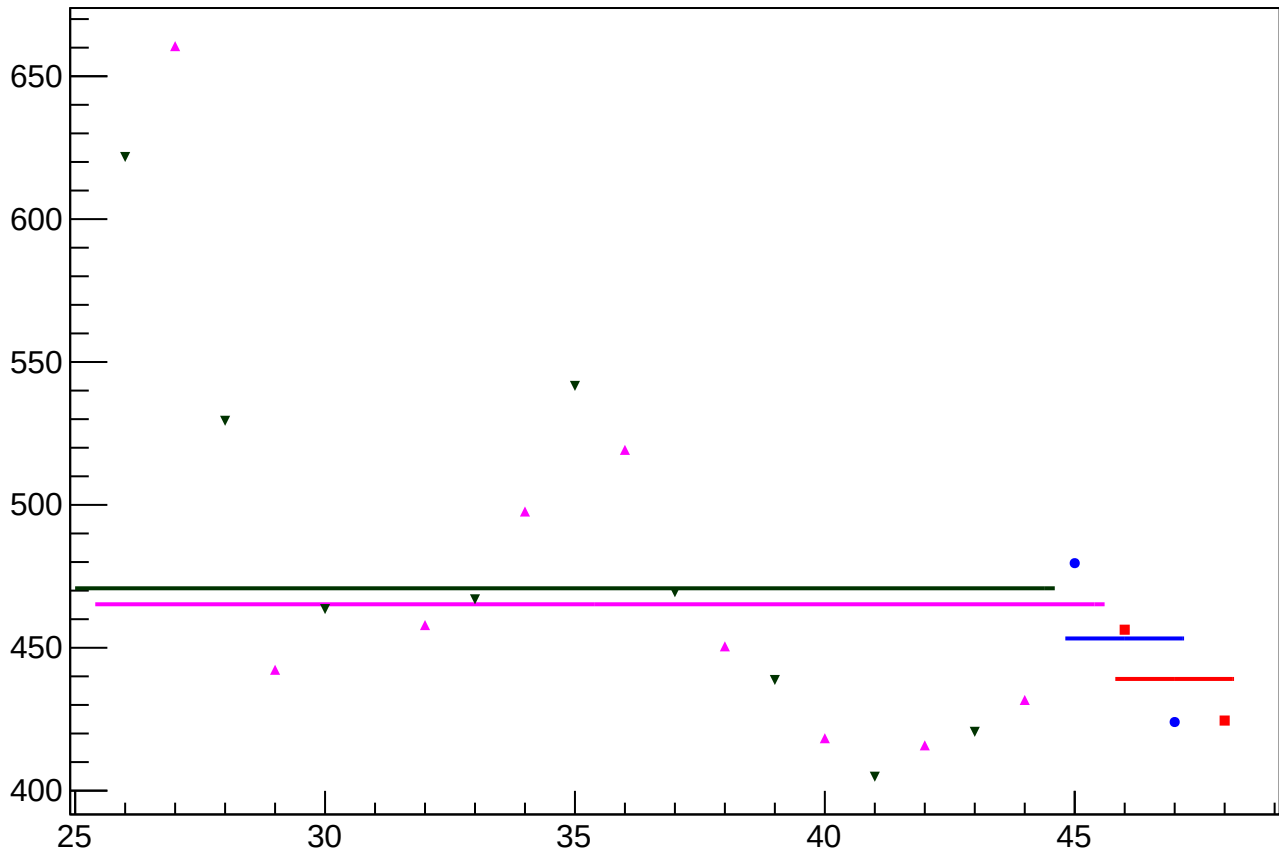
Right Out: -0.041+/-473.964 χ^2/NDF : 0.0/1

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

366.372+/-193.886 χ^2/NDF : 7.1/10

-351.161+/-182.777 χ^2/NDF : 5.5/10

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

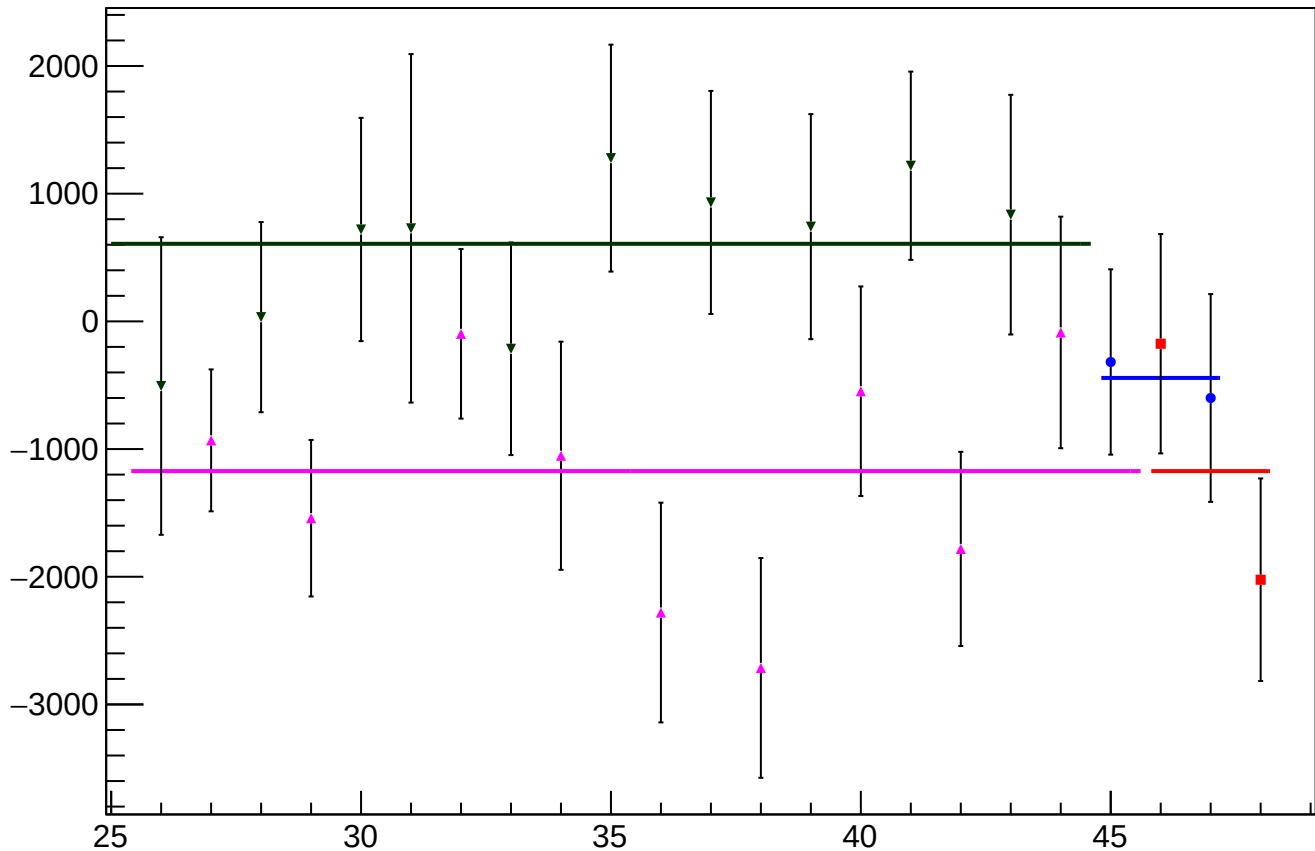
Right Out: 439.094+/-0.335 χ^2/NDF : 2234.0/1

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

467.458+/-0.137 χ^2/NDF : 153320.1/10

461.337+/-0.129 χ^2/NDF : 209432.6/10

cor_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

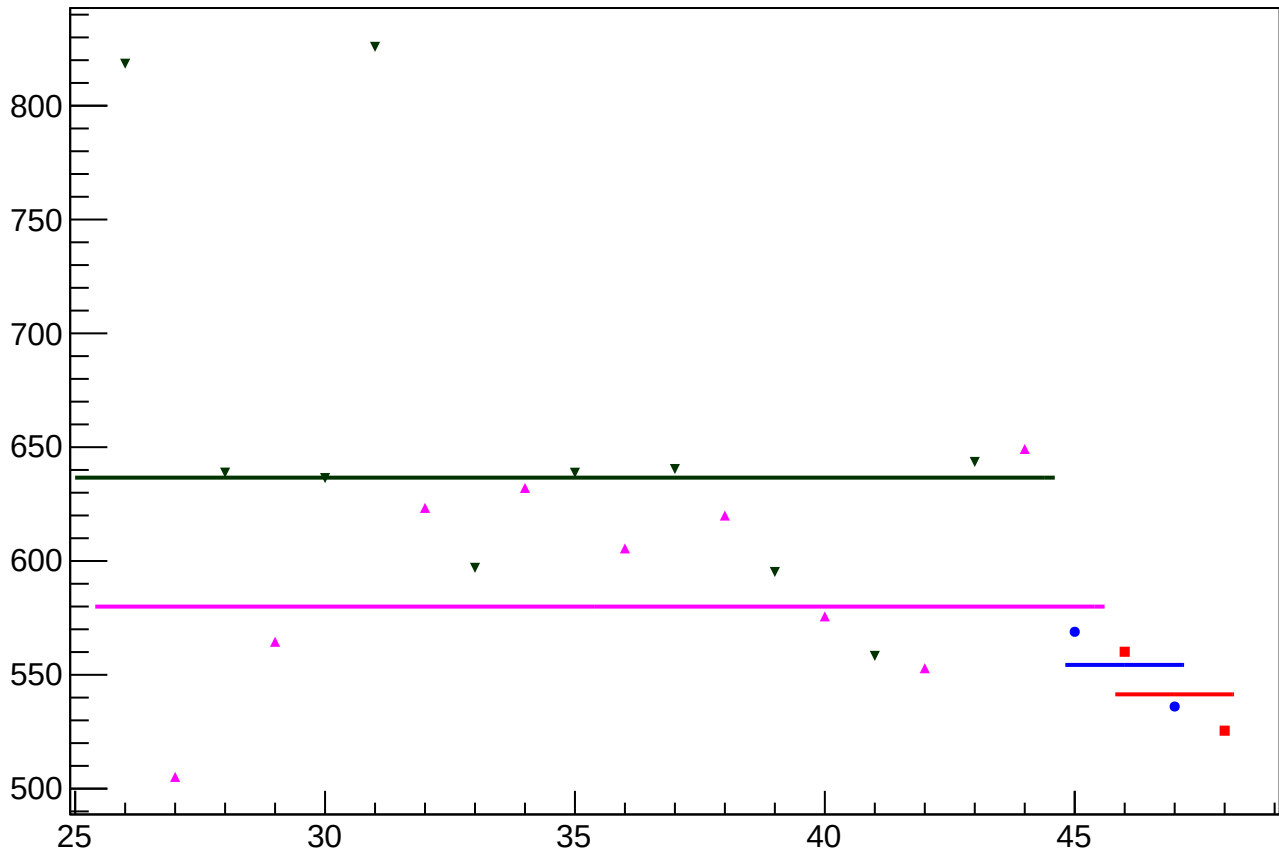
384.750+/-249.393 χ^2/NDF : 7.0/11

Right Out: -1172.539+/-582.736 χ^2/NDF : 2.5/1

-1172.349+/-226.468 χ^2/NDF : 13.2/10

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

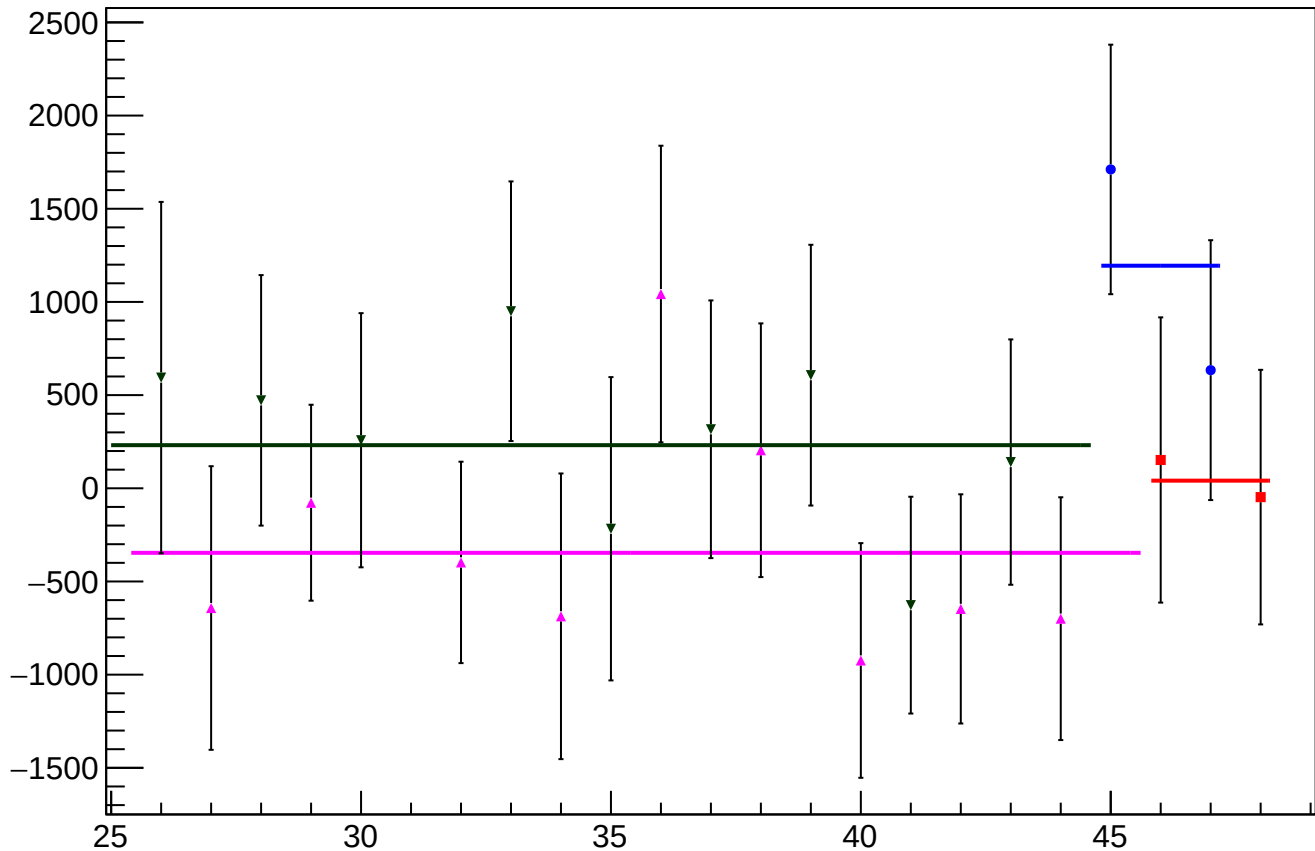
cor_usl_rms vs slug



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: 541.424 ± 0.412 χ^2/NDF : 1758.4/1
 Left In: 579.971 ± 0.174 χ^2/NDF : 73206.6/8

619.174 ± 0.176 χ^2/NDF : 156993.5/11
 574.149 ± 0.160 χ^2/NDF : 82394.6/10

cor_usr_mean vs slug



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

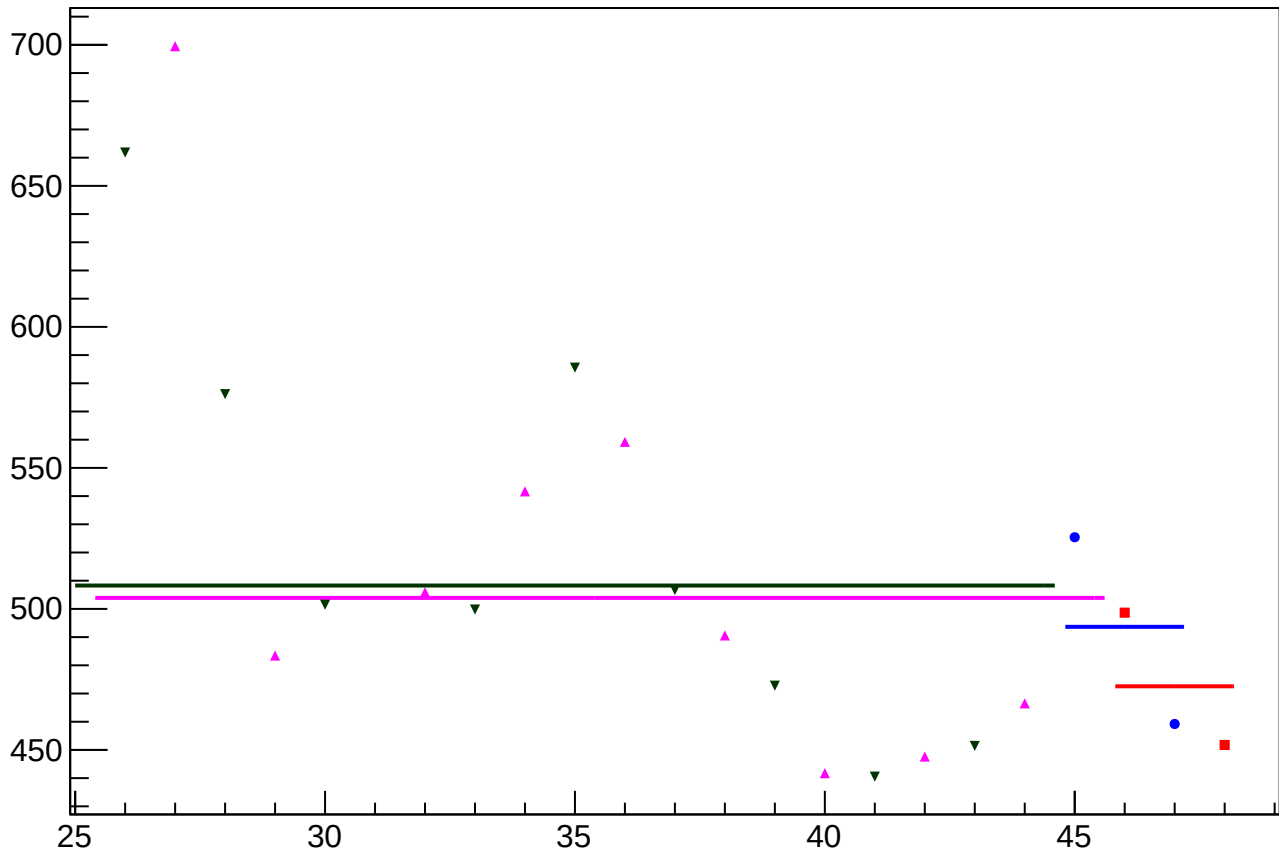
Right Out: 40.974 ± 509.575 $\chi^2/\text{NDF}: 0.0/1$

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

412.952 ± 209.667 $\chi^2/\text{NDF}: 8.6/10$

-287.966 ± 197.697 $\chi^2/\text{NDF}: 6.2/10$

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

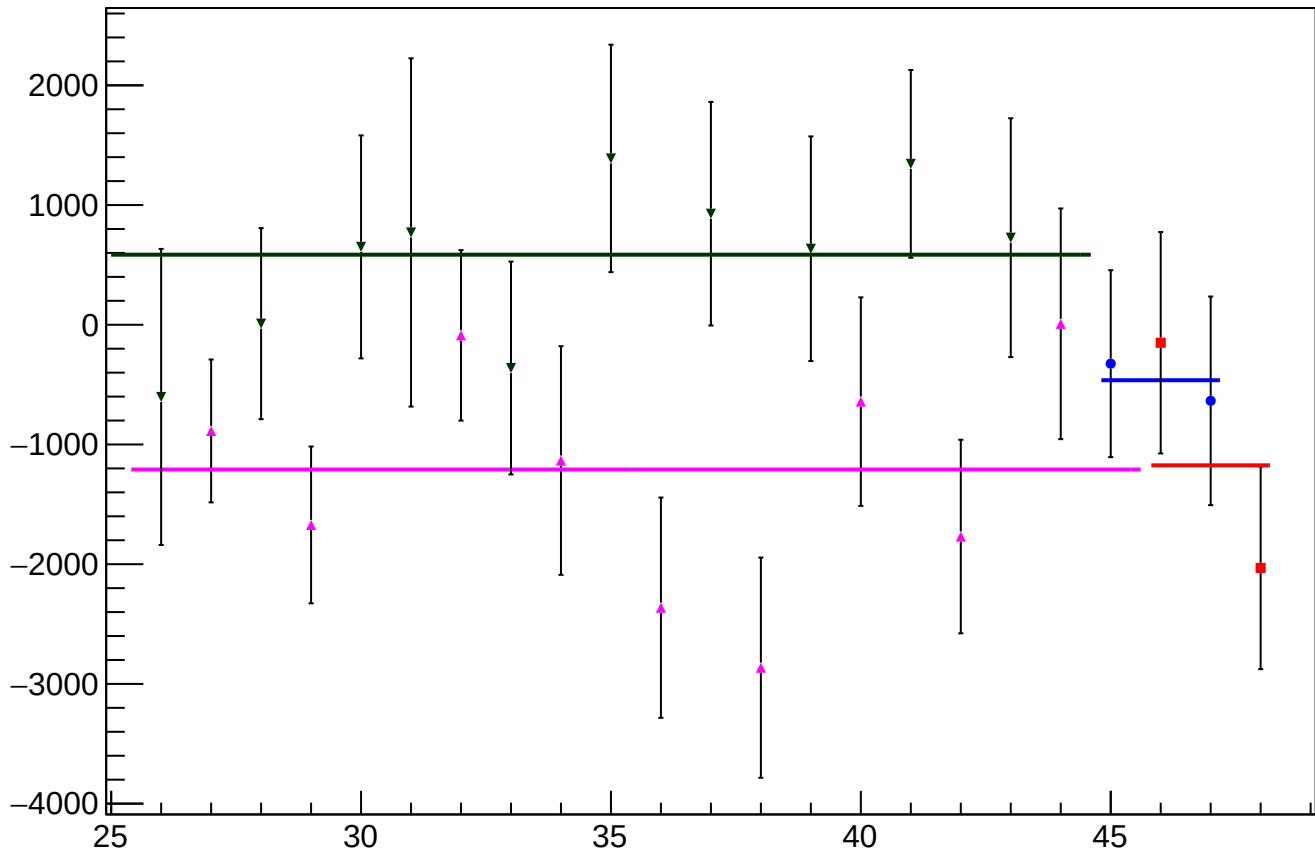
Left Out: 508.292 $\pm$ 0.165 χ^2 /NDF:139195.8/8

Right Out: 472.558 $\pm$ 0.360 χ^2 /NDF: 4182.7/1

499.184 $\pm$ 0.140 χ^2 /NDF: 203961.9/10

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

cor_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

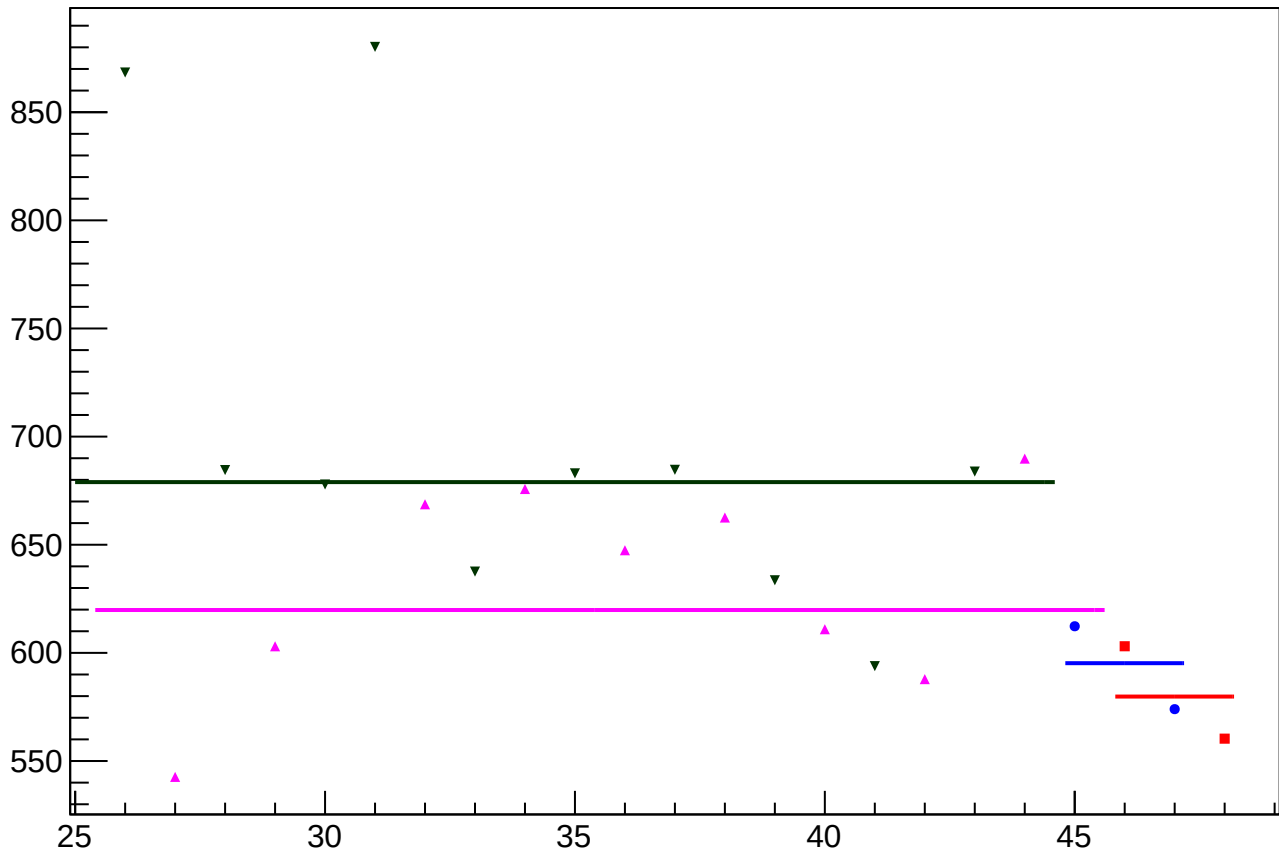
Right Out: -1174.120+/-624.111 χ^2/NDF : 2.3/1

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

365.363+/-266.361 χ^2/NDF : 7.1/11

-1203.959+/-242.078 χ^2/NDF : 12.8/10

cor_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

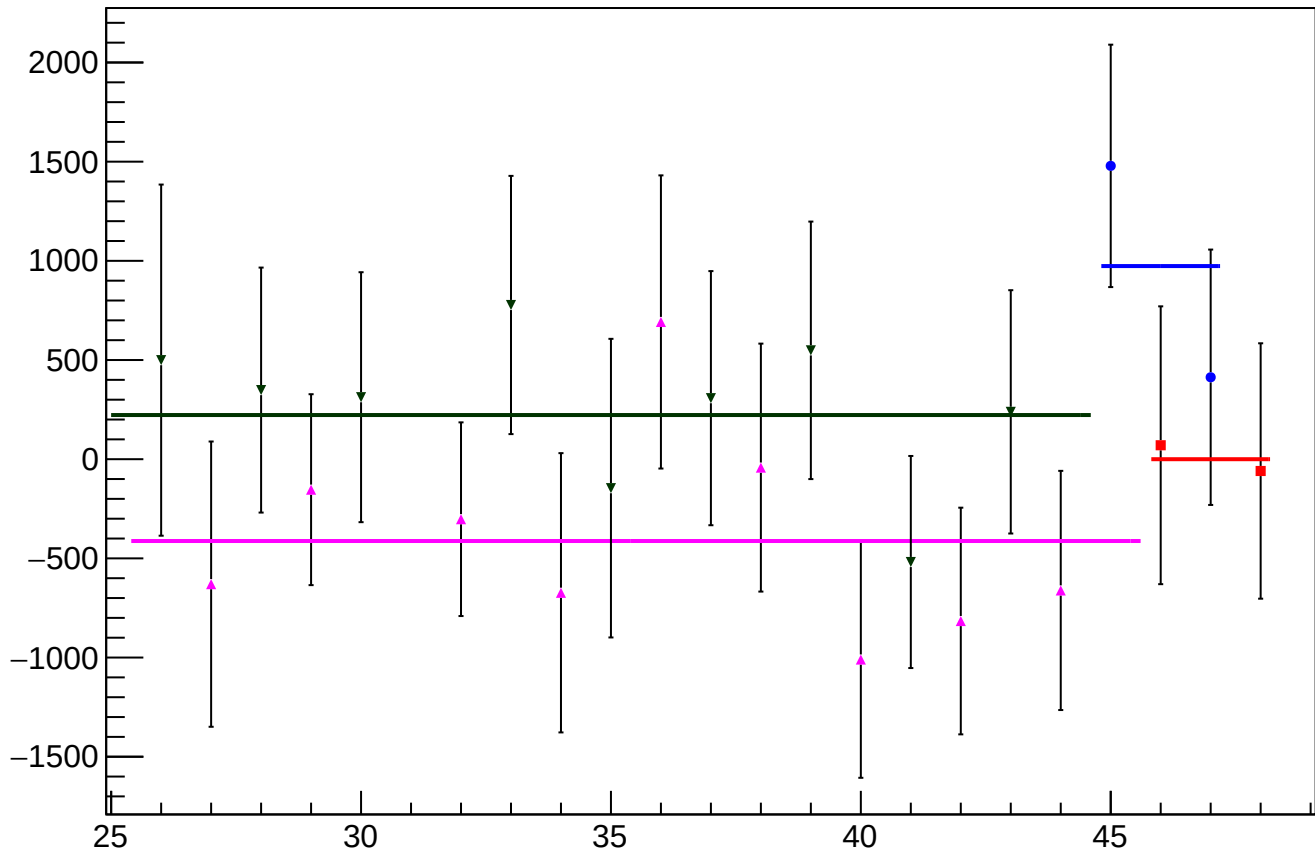
Right Out: 579.800 $\pm$ 0.441 χ^2 /NDF: 2324.7/1

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

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

613.799 $\pm$ 0.171 χ^2 /NDF: 80372.4/10

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

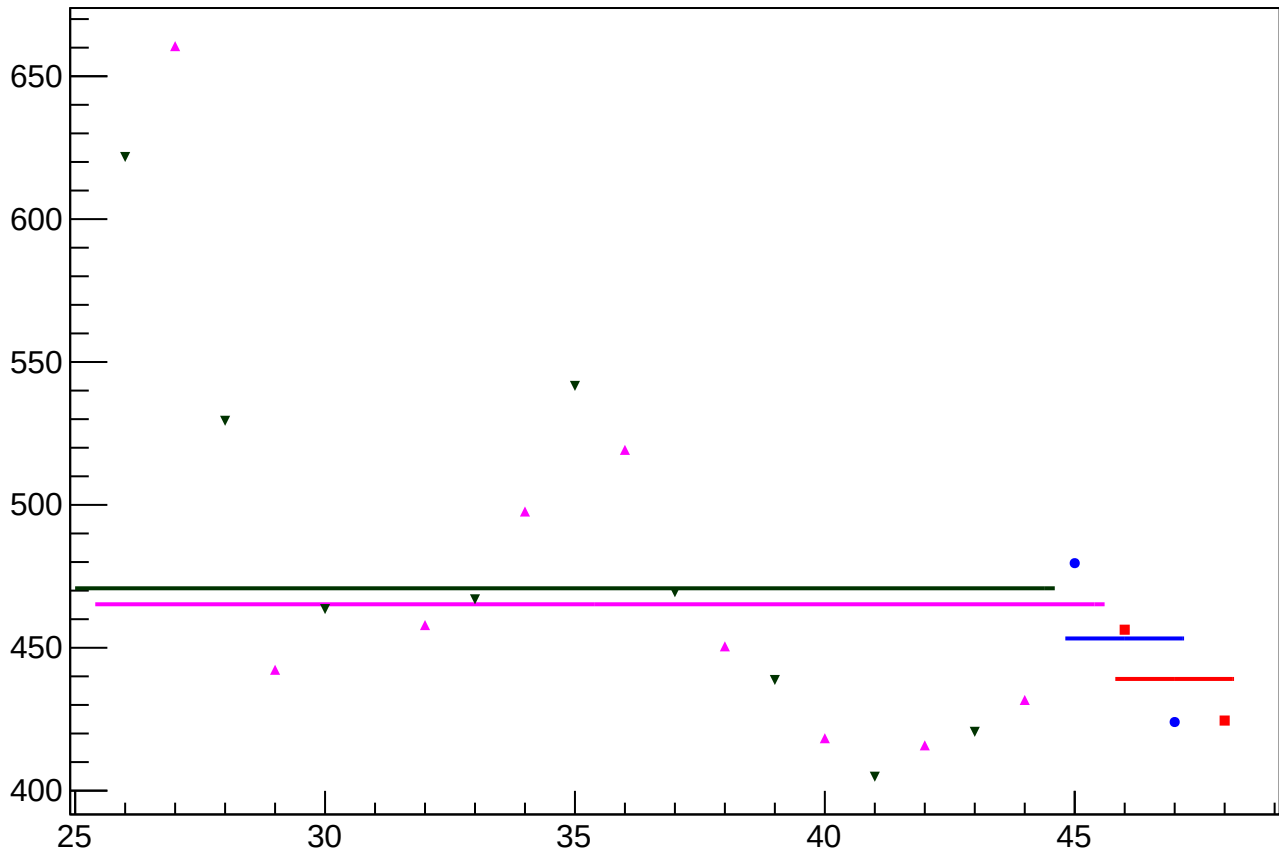
Right Out: -0.041 $\pm$ 473.964 χ^2/NDF : 0.0/1

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

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

-351.161 $\pm$ 182.777 χ^2/NDF : 5.5/10

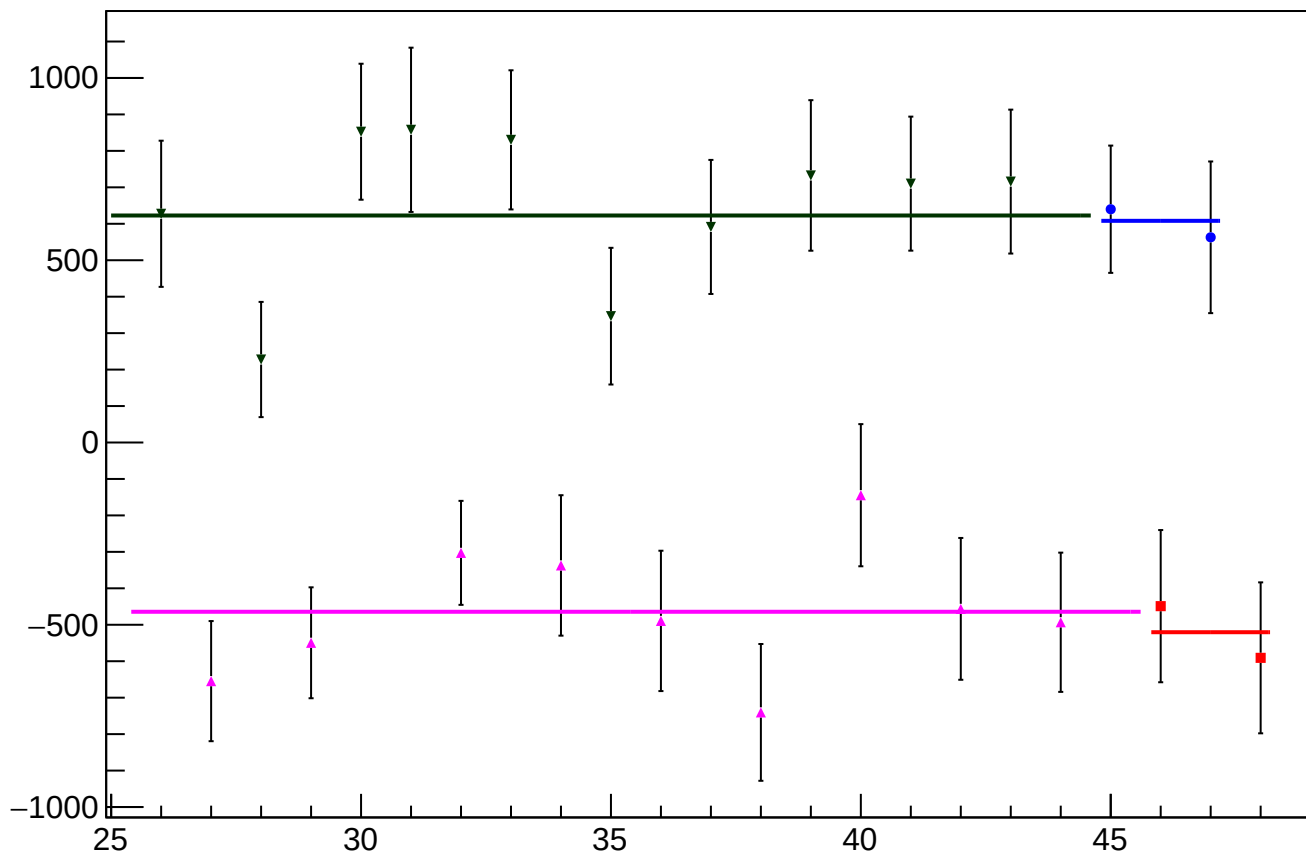
cor_dsr_rms vs slug



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: 439.094 ± 0.335 χ^2/NDF : 2234.0/1
 Left In: 465.223 ± 0.140 χ^2/NDF : 202024.3/8

467.458 ± 0.137 χ^2/NDF : 153320.1/10
 461.337 ± 0.129 χ^2/NDF : 209432.6/10

reg_asym_usl_mean vs slug



Right In: 608.100 ± 133.727 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 622.726 ± 60.025 $\chi^2/\text{NDF}: 13.0/9$

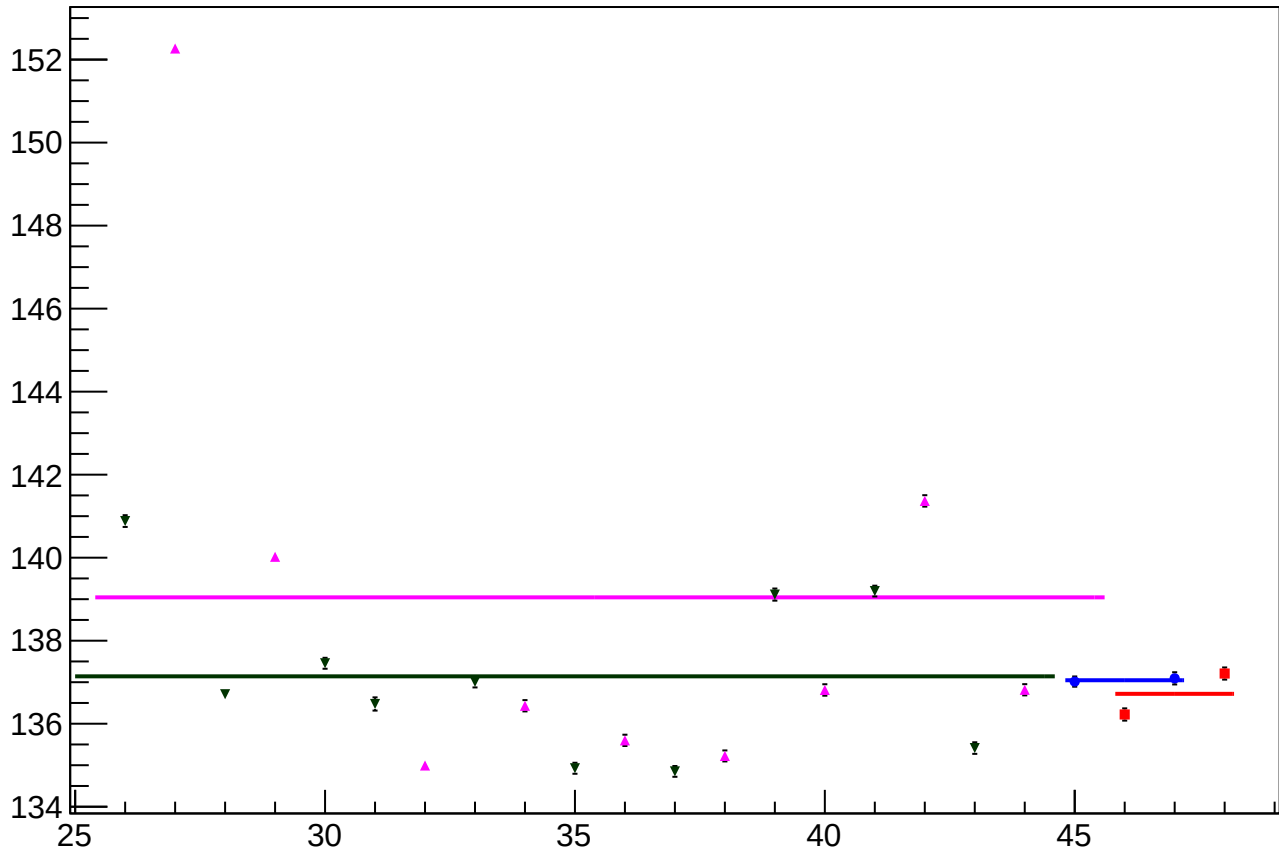
Right Out: -520.430 ± 147.017 $\chi^2/\text{NDF}: 0.2/1$

Left In: -464.347 ± 58.554 $\chi^2/\text{NDF}: 8.3/8$

620.274 ± 54.761 $\chi^2/\text{NDF}: 13.1/11$

-472.025 ± 54.398 $\chi^2/\text{NDF}: 8.6/10$

reg_asym_usl_rms vs slug



Right In: 137.047 $\pm$ 0.095 χ^2 /NDF: 0.2/1

Left Out: 137.141 $\pm$ 0.042 χ^2 /NDF:1909.5/9

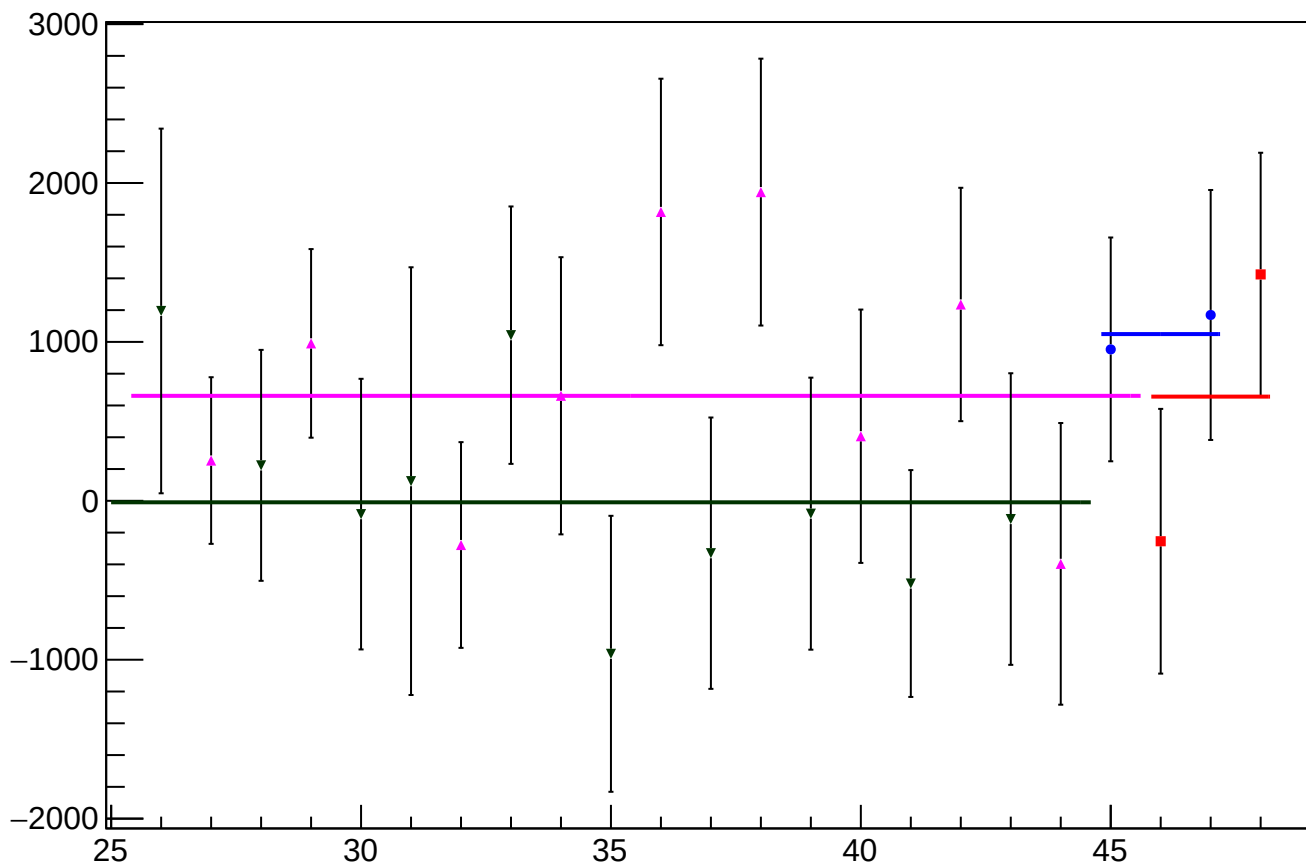
Right Out: 136.720 $\pm$ 0.104 χ^2 /NDF: 22.5/1

Left In: 139.044 $\pm$ 0.041 χ^2 /NDF:17232.5/8

137.126 $\pm$ 0.039 χ^2 /NDF: 1910.5/11

138.726 $\pm$ 0.038 χ^2 /NDF: 17686.5/10

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

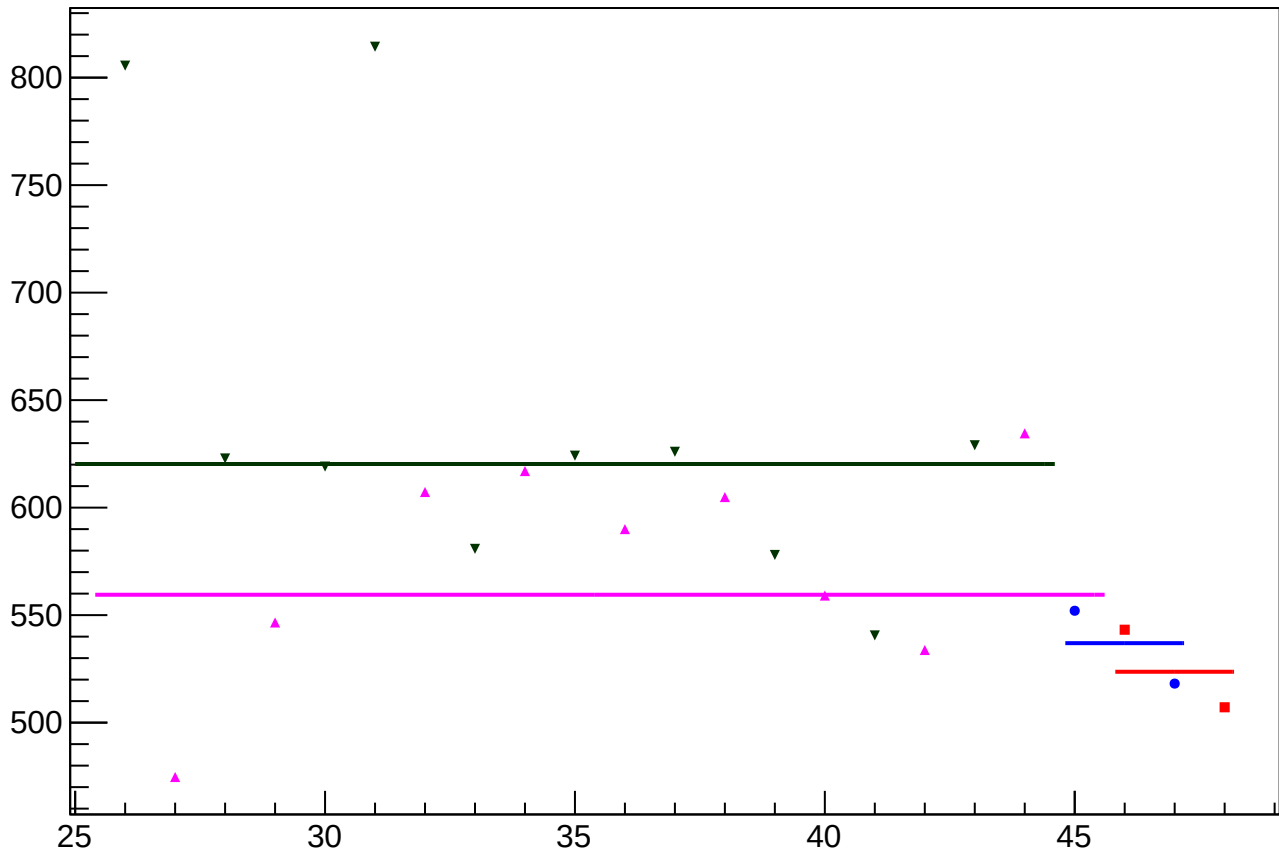
Right Out: 655.711+/-563.697 χ^2 /NDF: 2.2/1

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

217.459+/-242.849 χ^2 /NDF: 8.0/11

659.899+/-218.913 χ^2 /NDF: 11.6/10

asym_usl_correction_rms vs slug



Right In: 536.964 ± 0.371 χ^2/NDF : 2060.4/1

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

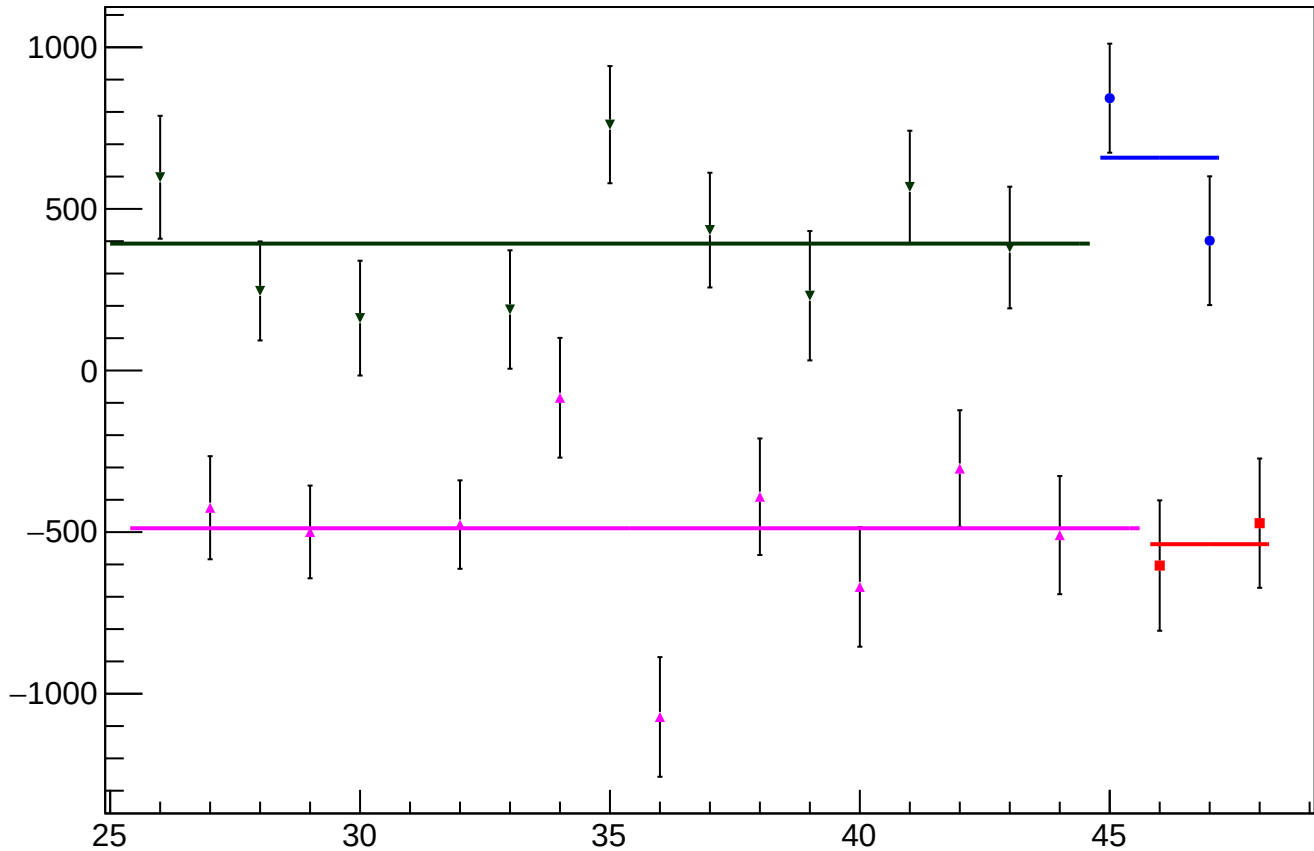
Right Out: 523.658 ± 0.399 χ^2/NDF : 2033.0/1

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

602.437 ± 0.172 χ^2/NDF : 170374.3/11

554.076 ± 0.155 χ^2/NDF : 107026.1/10

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

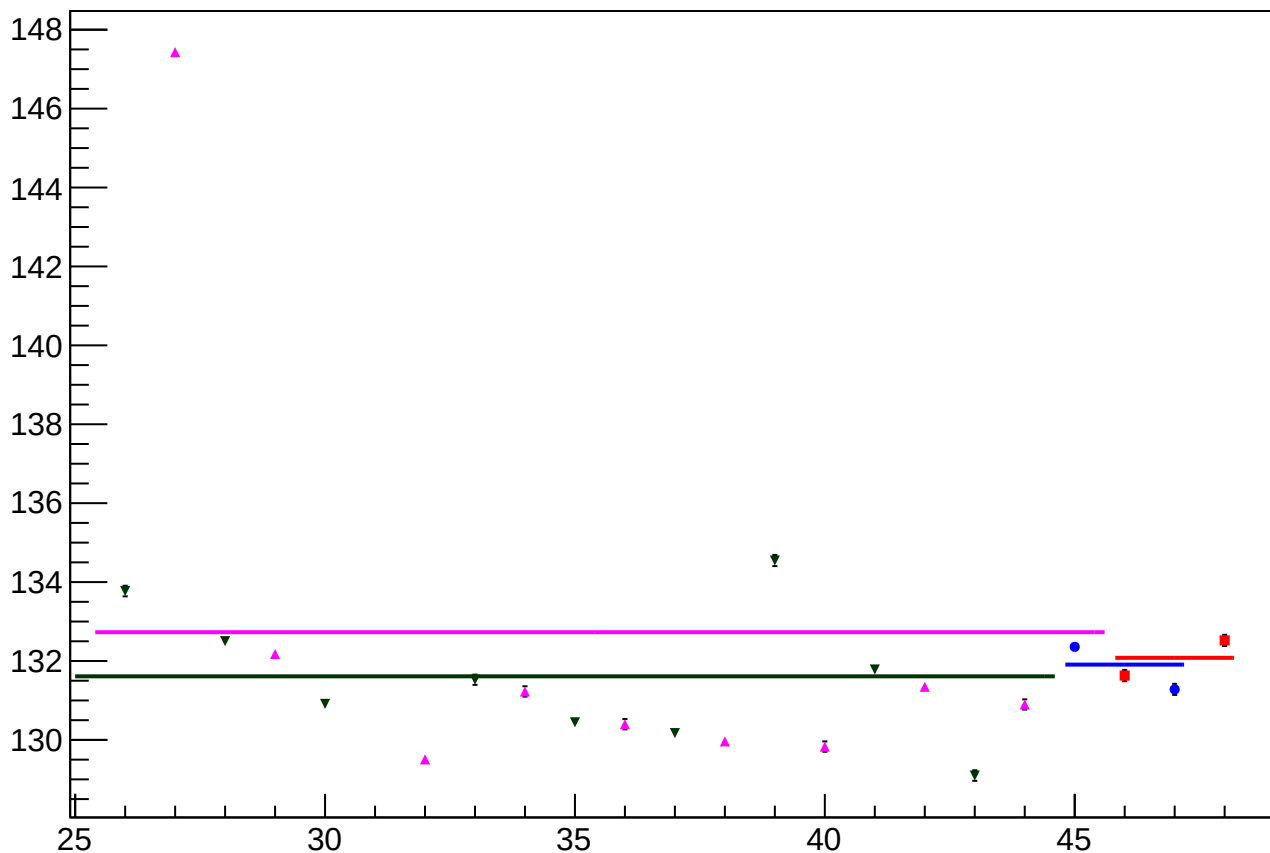
Right Out: -537.331 $\pm$ 142.028 χ^2/NDF : 0.2/1

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

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

-494.603 $\pm$ 51.999 χ^2/NDF : 17.5/10

reg_asym_usr_rms vs slug



Right In: 131.909 $\pm$ 0.091 χ^2 /NDF: 34.1/1

Left Out: 131.612 $\pm$ 0.042 χ^2 /NDF:1361.4/8

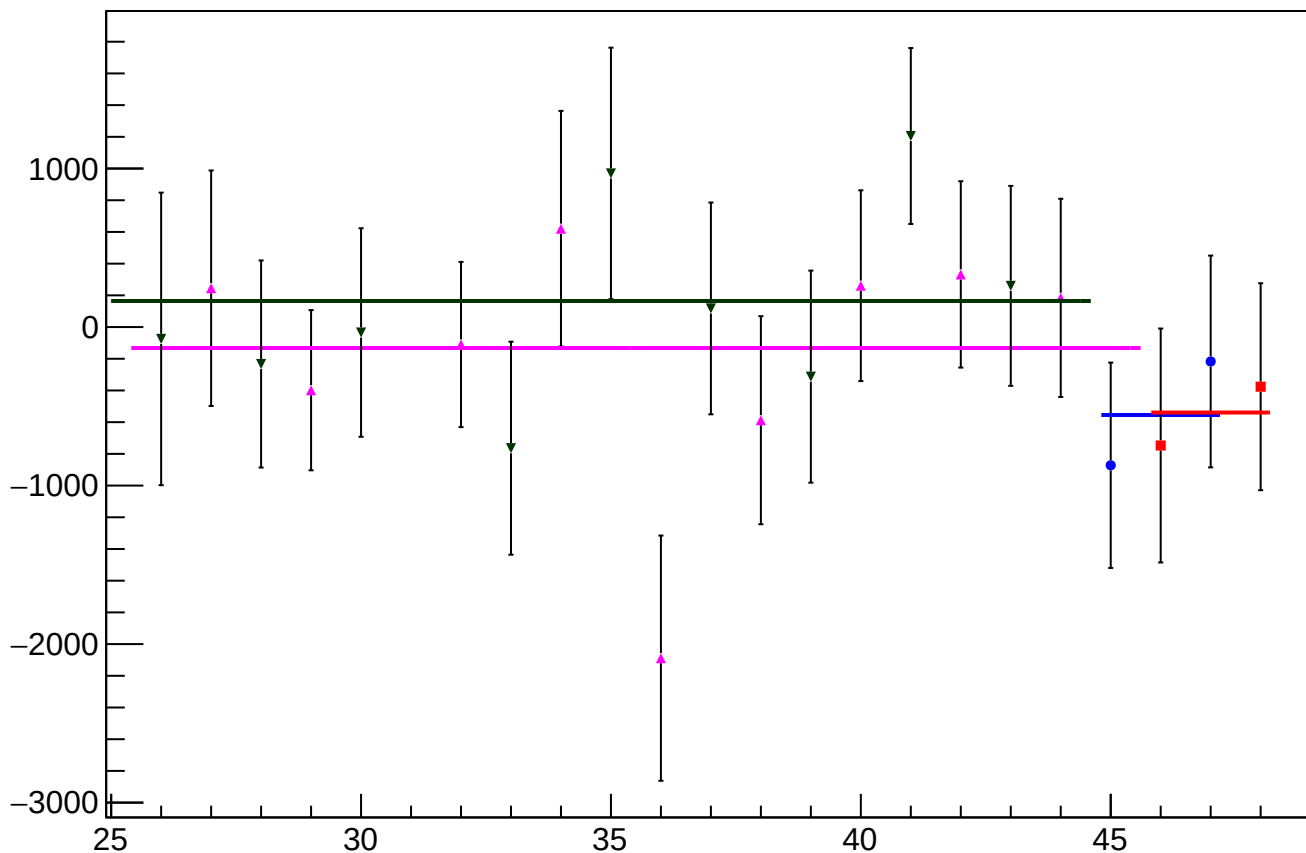
Right Out: 132.081 $\pm$ 0.100 χ^2 /NDF: 19.7/1

Left In: 132.730 $\pm$ 0.040 χ^2 /NDF:19860.4/8

131.664 $\pm$ 0.038 χ^2 /NDF: 1404.3/10

132.643 $\pm$ 0.037 χ^2 /NDF: 19916.4/10

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

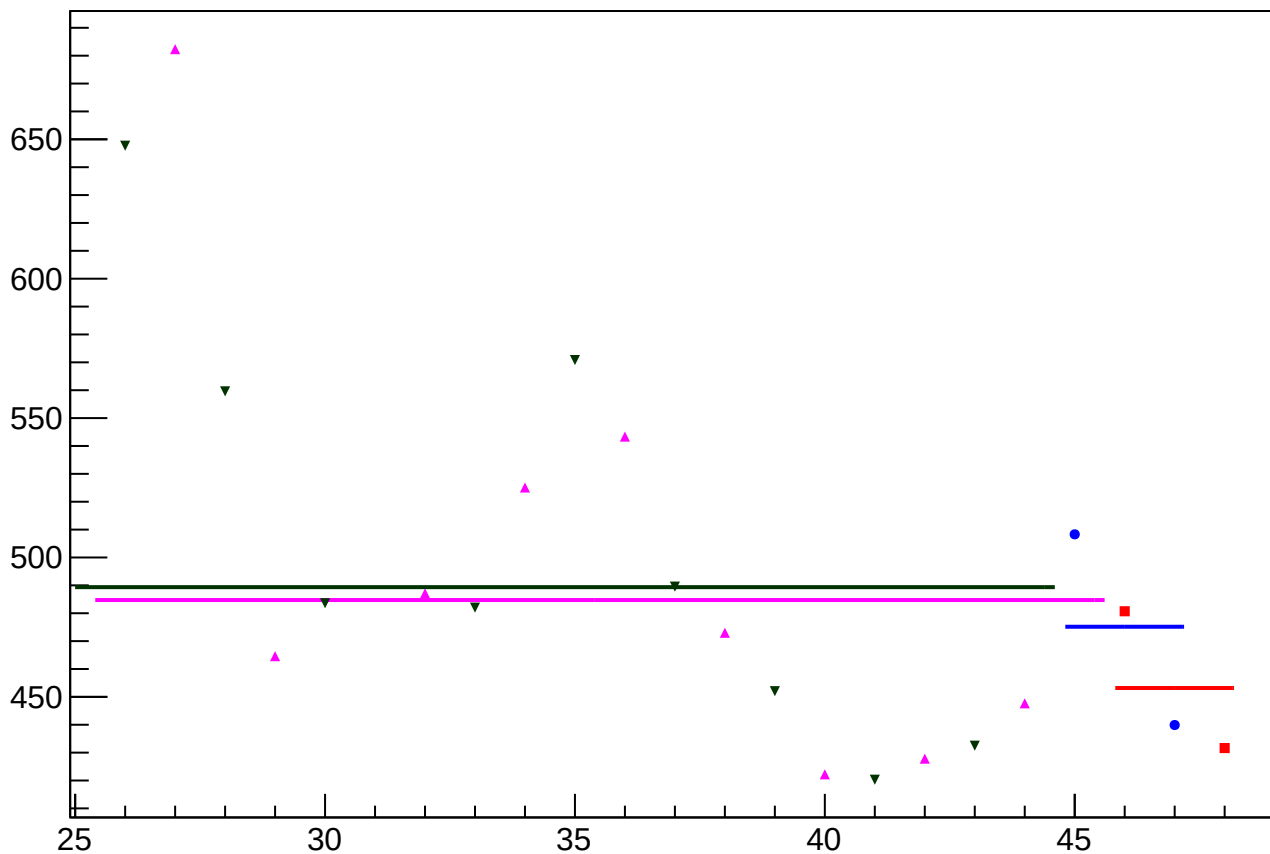
Right Out: -539.153+/-488.910 χ^2/NDF : 0.1/1

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

28.542+/-202.055 χ^2/NDF : 10.0/10

-193.950+/-190.300 χ^2/NDF : 10.5/10

asym_usr_correction_rms vs slug



Right In: 475.157 $\pm$ 0.329 χ^2/NDF : 10808.9/1

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

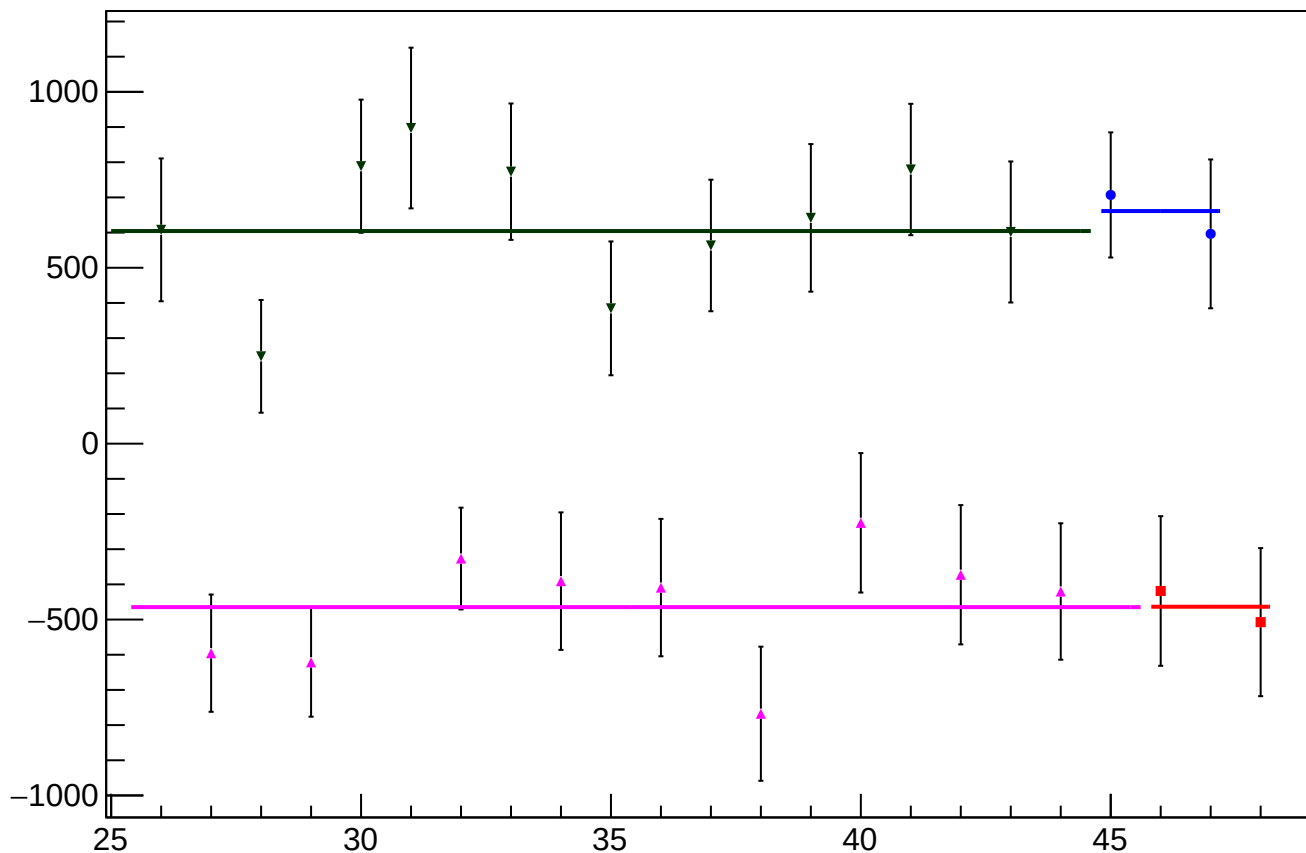
Right Out: 453.181 $\pm$ 0.346 χ^2/NDF : 4961.5/1

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

486.679 $\pm$ 0.143 χ^2/NDF : 169276.6/10

479.953 $\pm$ 0.135 χ^2/NDF : 222188.6/10

reg_asym_dsl_mean vs slug



Right In: 661.188 $\pm$ 136.135 χ^2 /NDF: 0.2/1

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

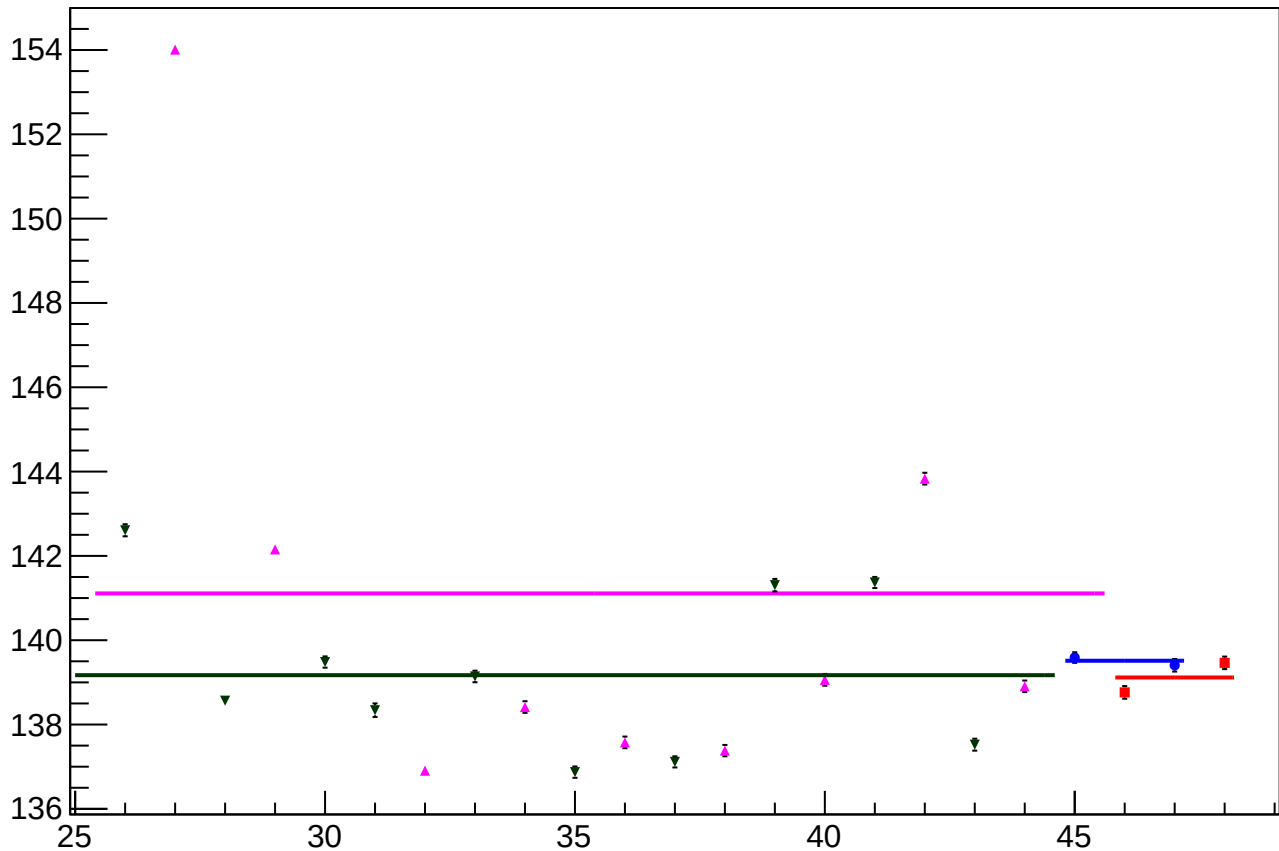
Right Out: -463.540 $\pm$ 149.597 χ^2 /NDF: 0.1/1

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

613.891 $\pm$ 55.603 χ^2 /NDF: 10.9/11

-464.521 $\pm$ 55.230 χ^2 /NDF: 7.1/10

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

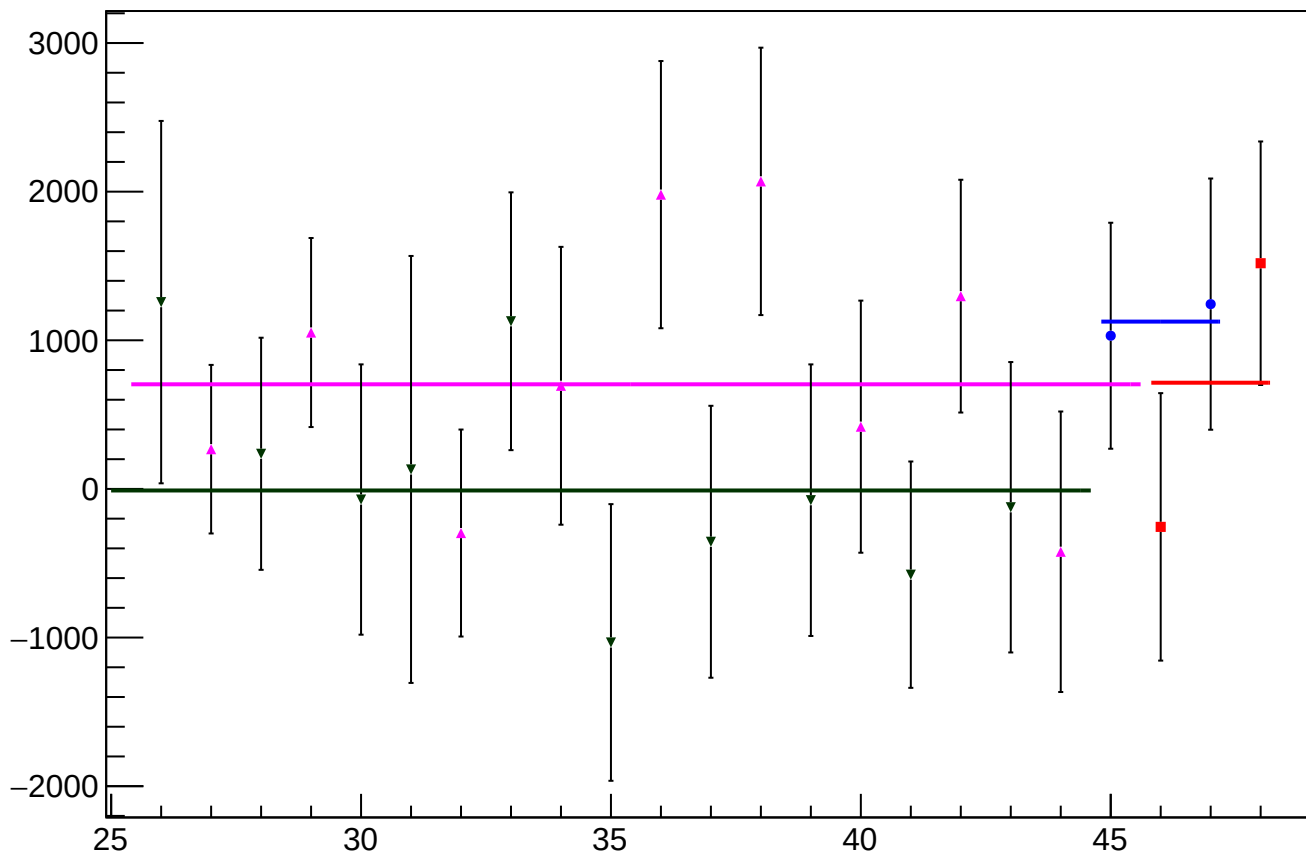
Right Out: 139.116+/-0.106 χ^2/NDF : 11.0/1

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

139.228+/-0.039 χ^2/NDF : 1799.5/11

140.838+/-0.039 χ^2/NDF : 16726.9/10

asym_dsl_correction_mean vs slug



Right In: 1125.747 $\pm$ 565.200 χ^2 /NDF: 0.0/1

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

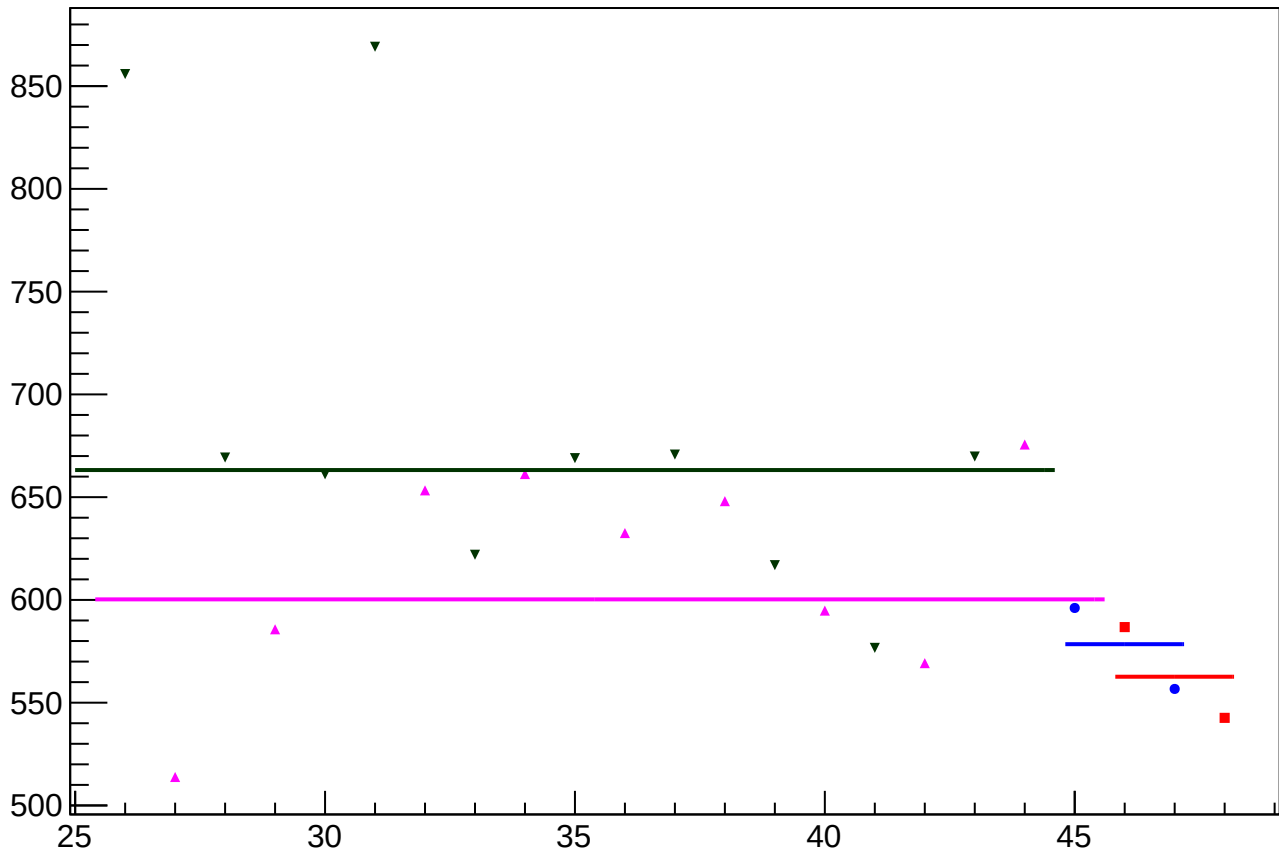
Right Out: 714.558 $\pm$ 605.721 χ^2 /NDF: 2.1/1

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

230.068 $\pm$ 260.051 χ^2 /NDF: 8.1/11

705.503 $\pm$ 234.840 χ^2 /NDF: 11.5/10

asym_dsl_correction_rms vs slug



Right In: 578.468 $\pm$ 0.400 χ^2 /NDF: 2402.0/1

Left Out: 663.196 $\pm$ 0.207 χ^2 /NDF:126991.2/9

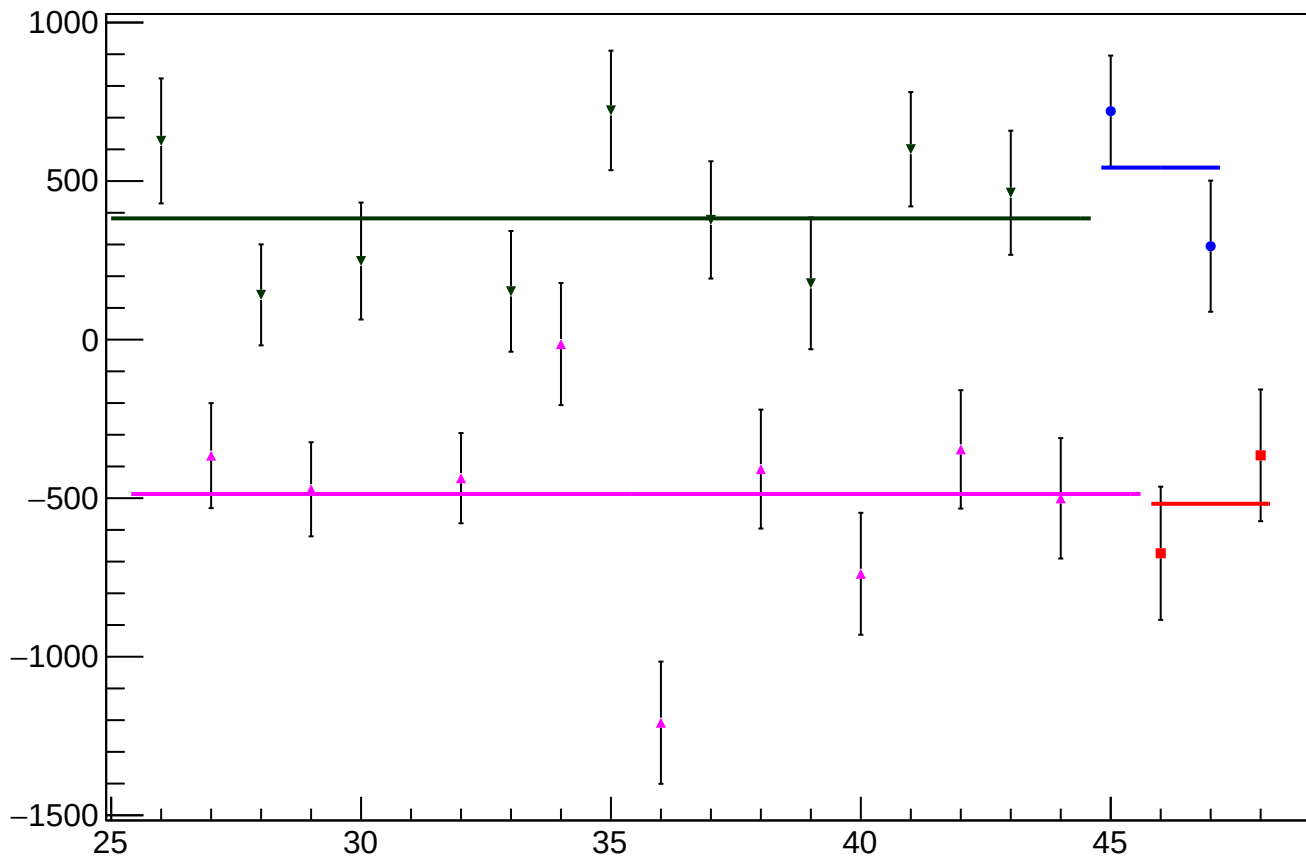
Right Out: 562.636 $\pm$ 0.428 χ^2 /NDF: 2634.6/1

Left In: 600.267 $\pm$ 0.180 χ^2 /NDF:91809.8/8

645.260 $\pm$ 0.184 χ^2 /NDF: 164823.1/11

594.611 $\pm$ 0.166 χ^2 /NDF: 101003.4/10

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

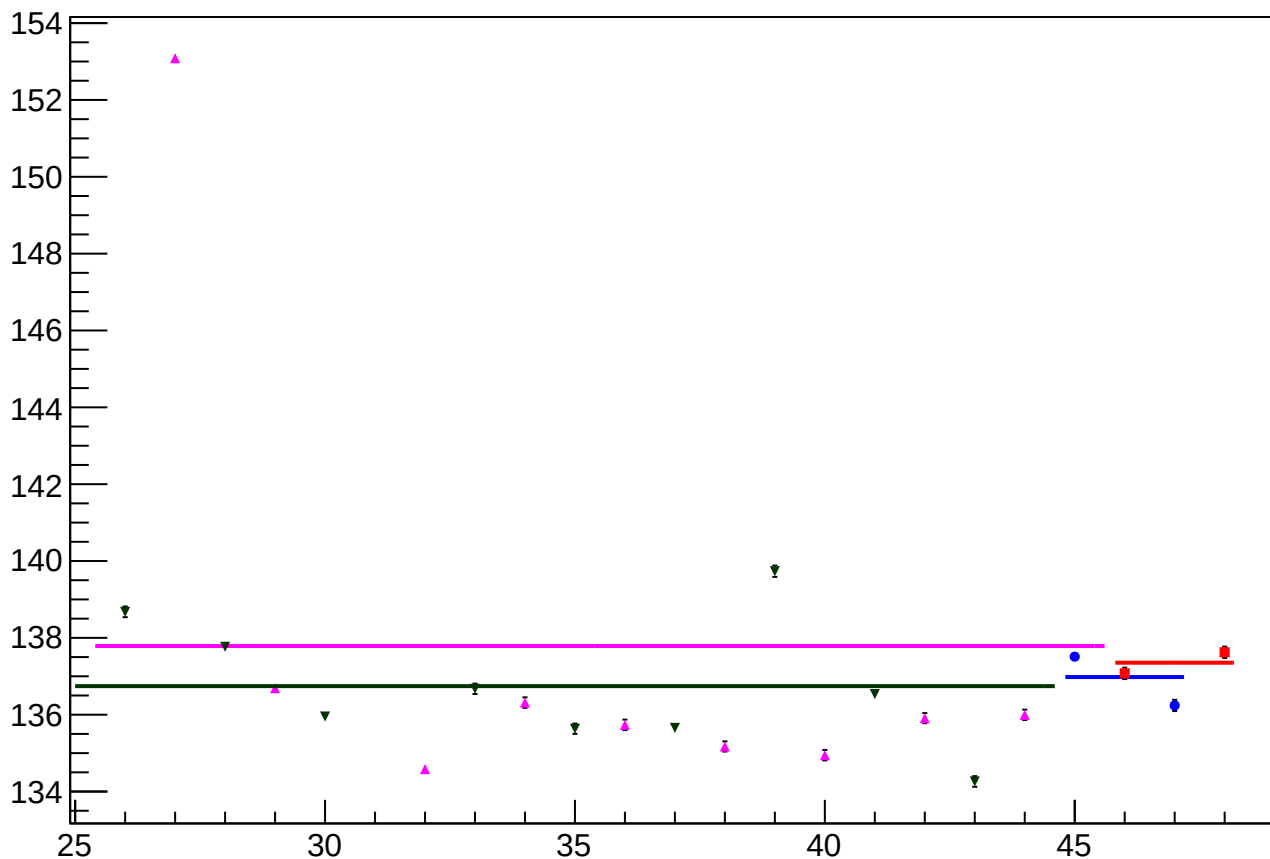
Right Out: -517.605 $\pm$ 147.705 χ^2 /NDF: 1.1/1

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

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

-490.972 $\pm$ 53.993 χ^2 /NDF: 24.3/10

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

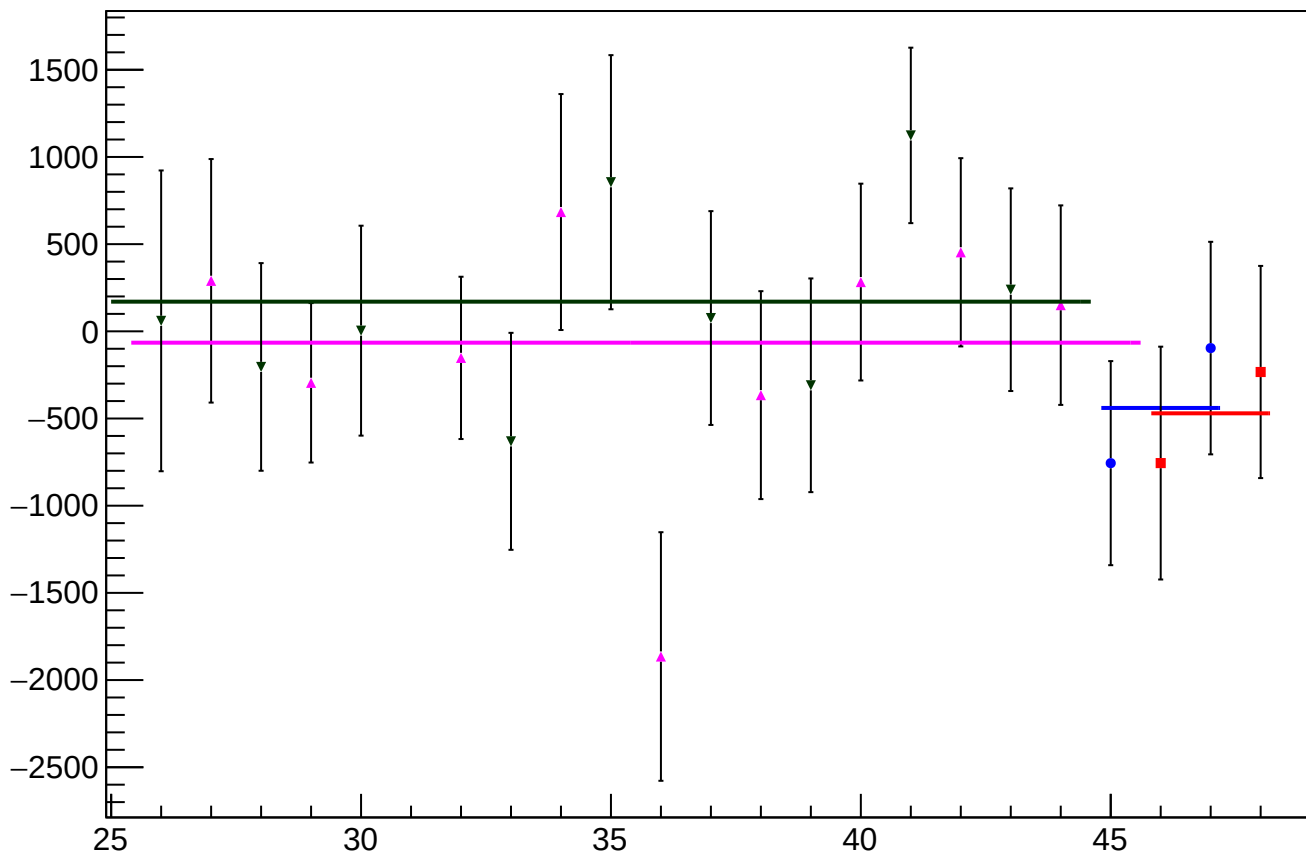
Right Out: 137.354+/-0.104 χ^2/NDF : 6.9/1

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

136.786+/-0.040 χ^2/NDF : 1237.8/10

137.730+/-0.038 χ^2/NDF : 19769.3/10

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

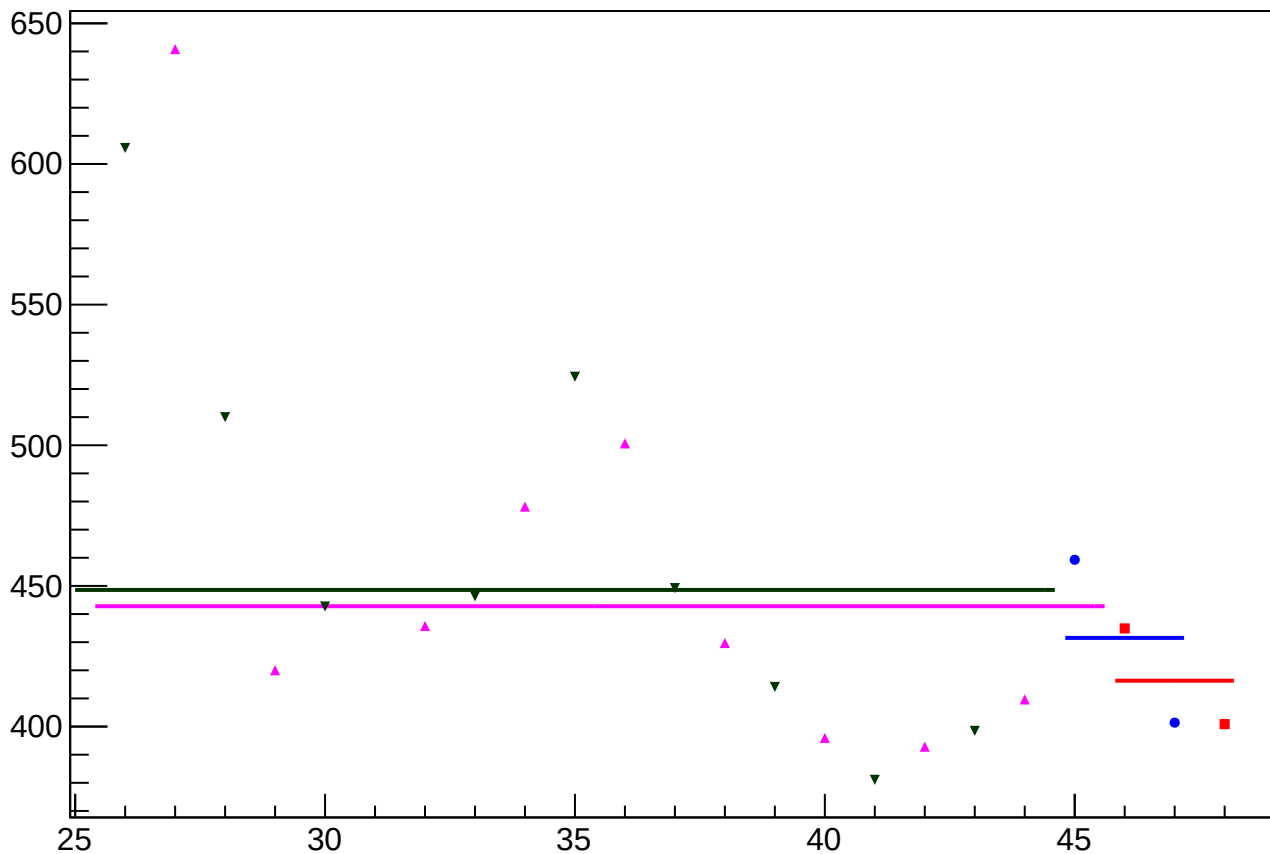
Right Out: -470.295 ± 449.704 χ^2/NDF : 0.3/1

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

53.107 ± 184.943 χ^2/NDF : 9.6/10

-125.873 ± 174.110 χ^2/NDF : 10.9/10

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

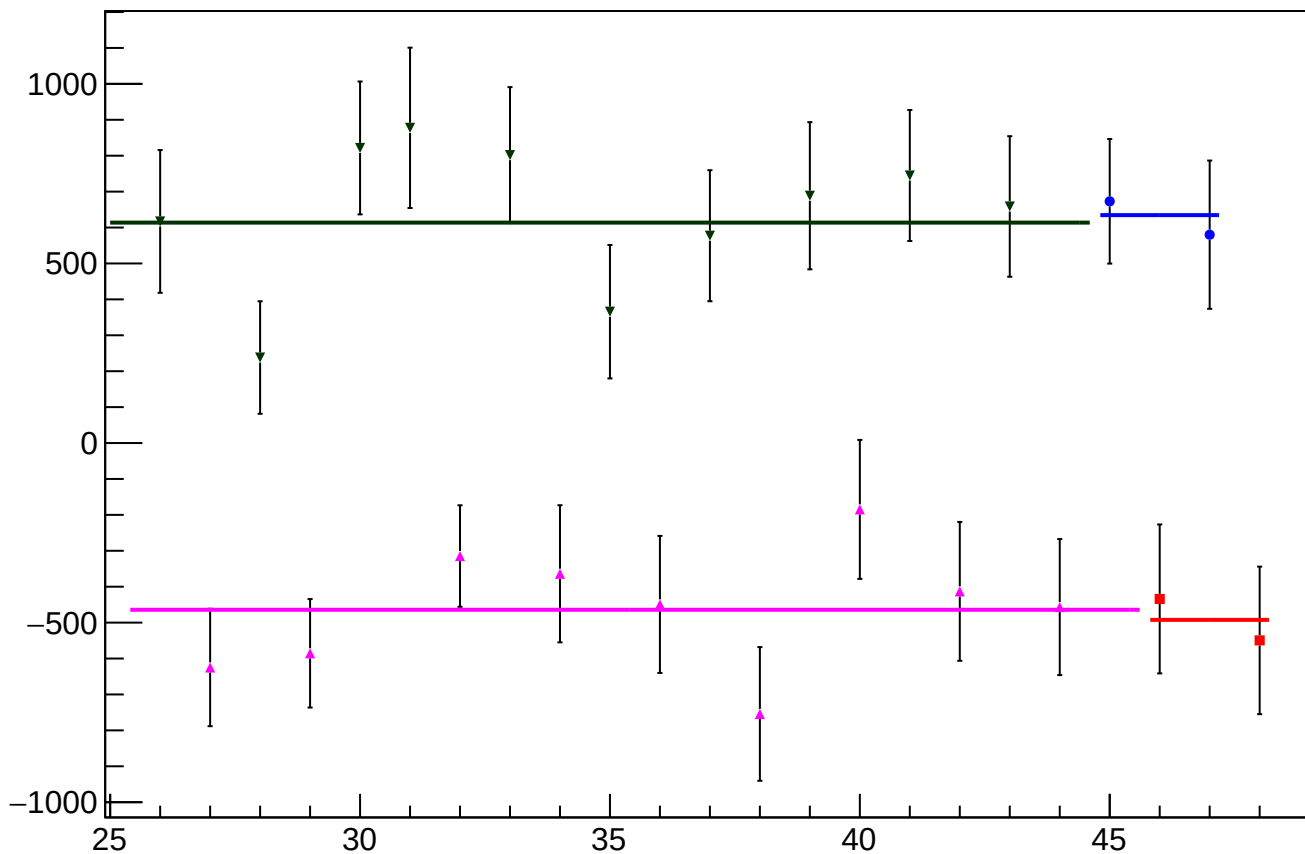
Right Out: 416.306+/-0.318 χ^2/NDF : 2836.4/1

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

445.300+/-0.131 χ^2/NDF : 178710.7/10

438.806+/-0.123 χ^2/NDF : 232231.6/10

reg_asym_left_avg_mean vs slug



Right In: 634.559 $\pm$ 132.774 χ^2 /NDF: 0.1/1

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

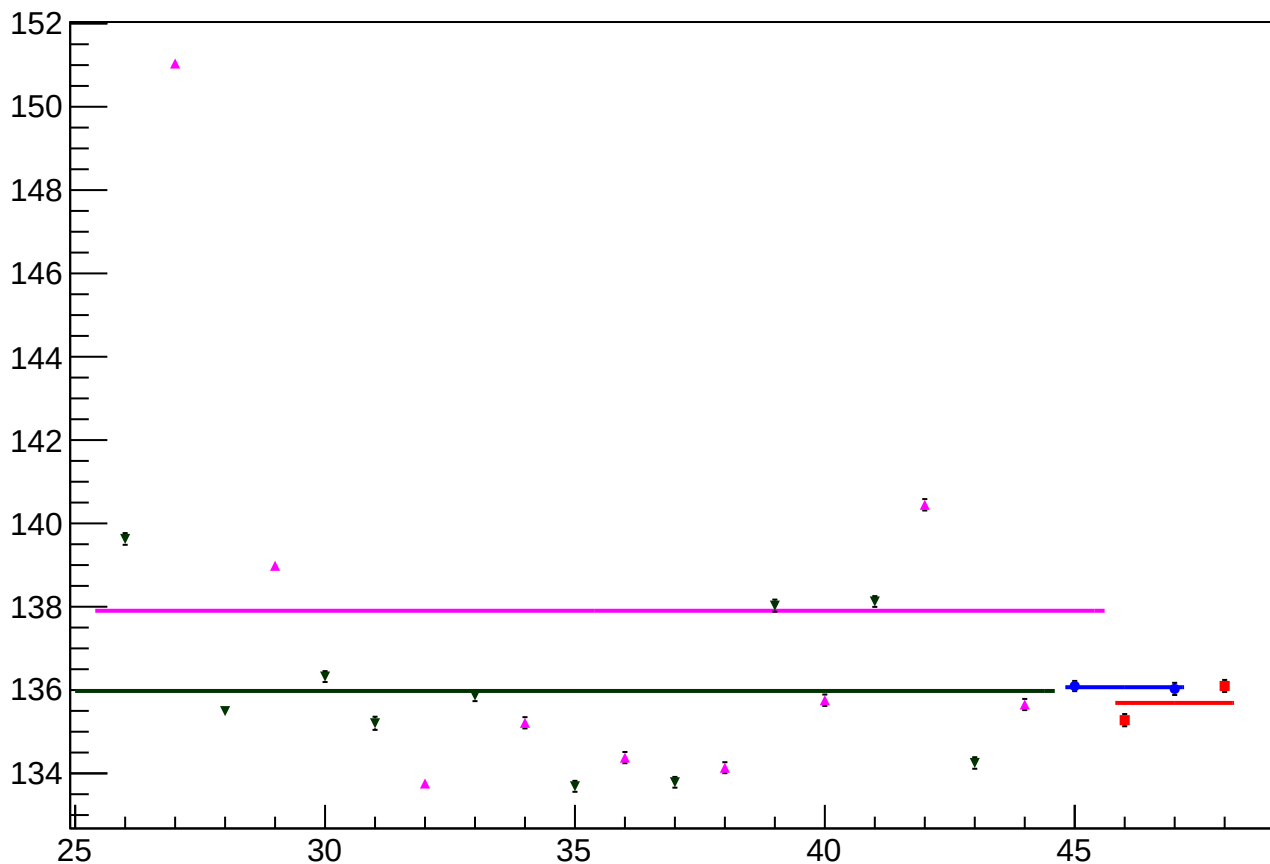
Right Out: -492.315 $\pm$ 145.914 χ^2 /NDF: 0.2/1

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

617.212 $\pm$ 54.312 χ^2 /NDF: 12.1/11

-468.084 $\pm$ 53.962 χ^2 /NDF: 7.8/10

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

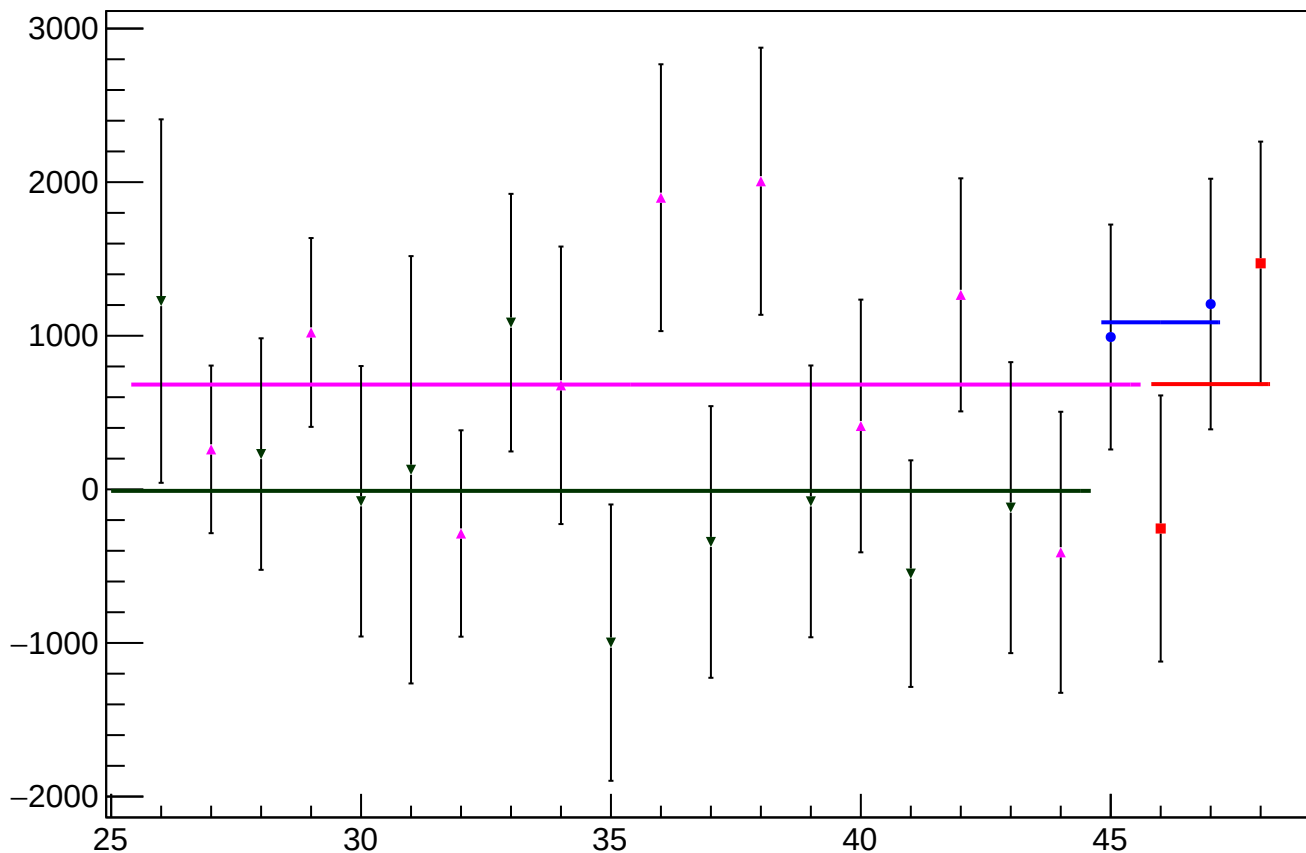
Right Out: 135.692+/-0.103 χ^2/NDF : 15.8/1

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

135.993+/-0.038 χ^2/NDF : 1951.1/11

137.601+/-0.038 χ^2/NDF : 17923.5/10

asym_left_avg_correction_mean vs slug



Right In: 1087.519 $\pm$ 544.895 χ^2 /NDF: 0.0/1

Left Out: -9.921 $\pm$ 283.426 χ^2 /NDF: 4.8/9

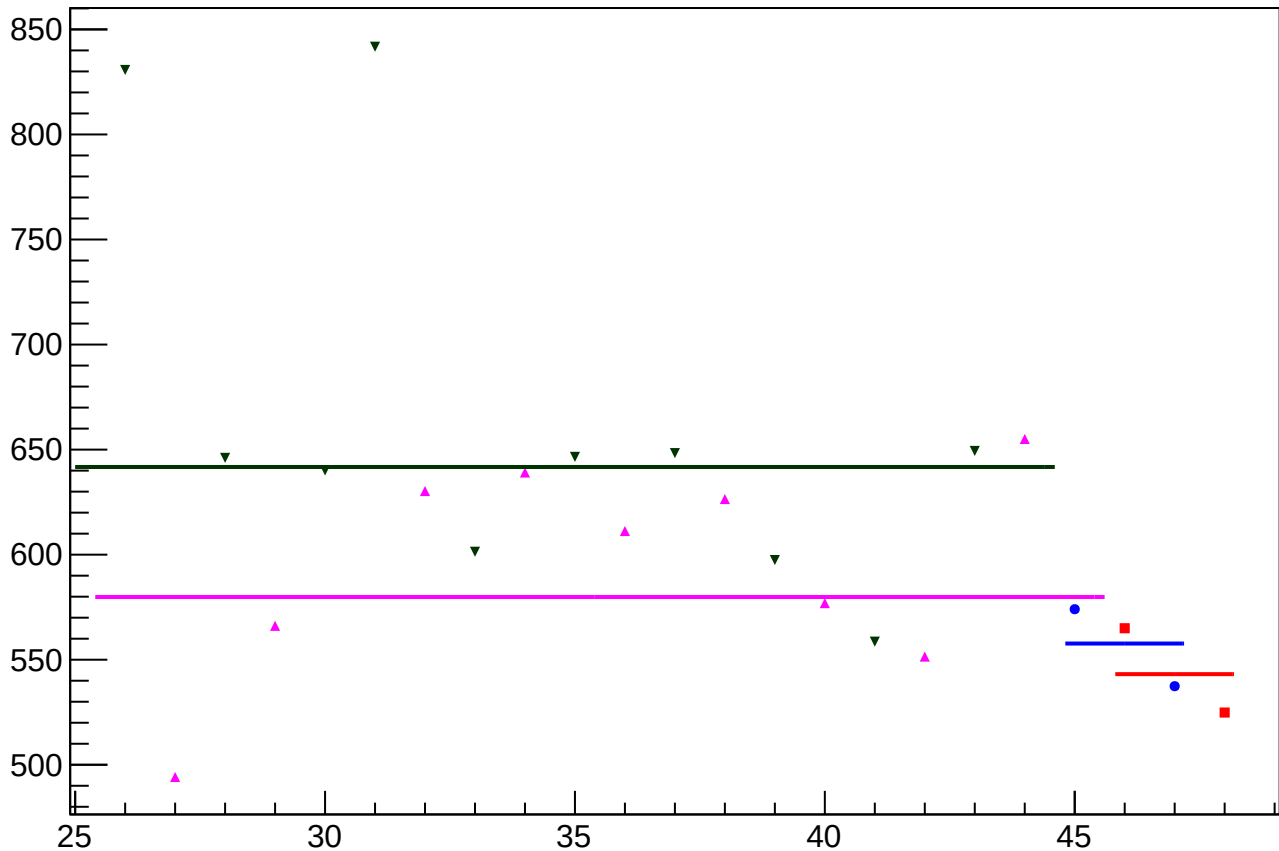
Right Out: 685.194 $\pm$ 584.692 χ^2 /NDF: 2.2/1

Left In: 682.257 $\pm$ 246.151 χ^2 /NDF: 9.4/8

223.770 $\pm$ 251.445 χ^2 /NDF: 8.0/11

682.699 $\pm$ 226.866 χ^2 /NDF: 11.6/10

asym_left_avg_correction_rms vs slug



Right In: 557.696 $\pm$ 0.385 χ^2/NDF : 2234.1/1

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

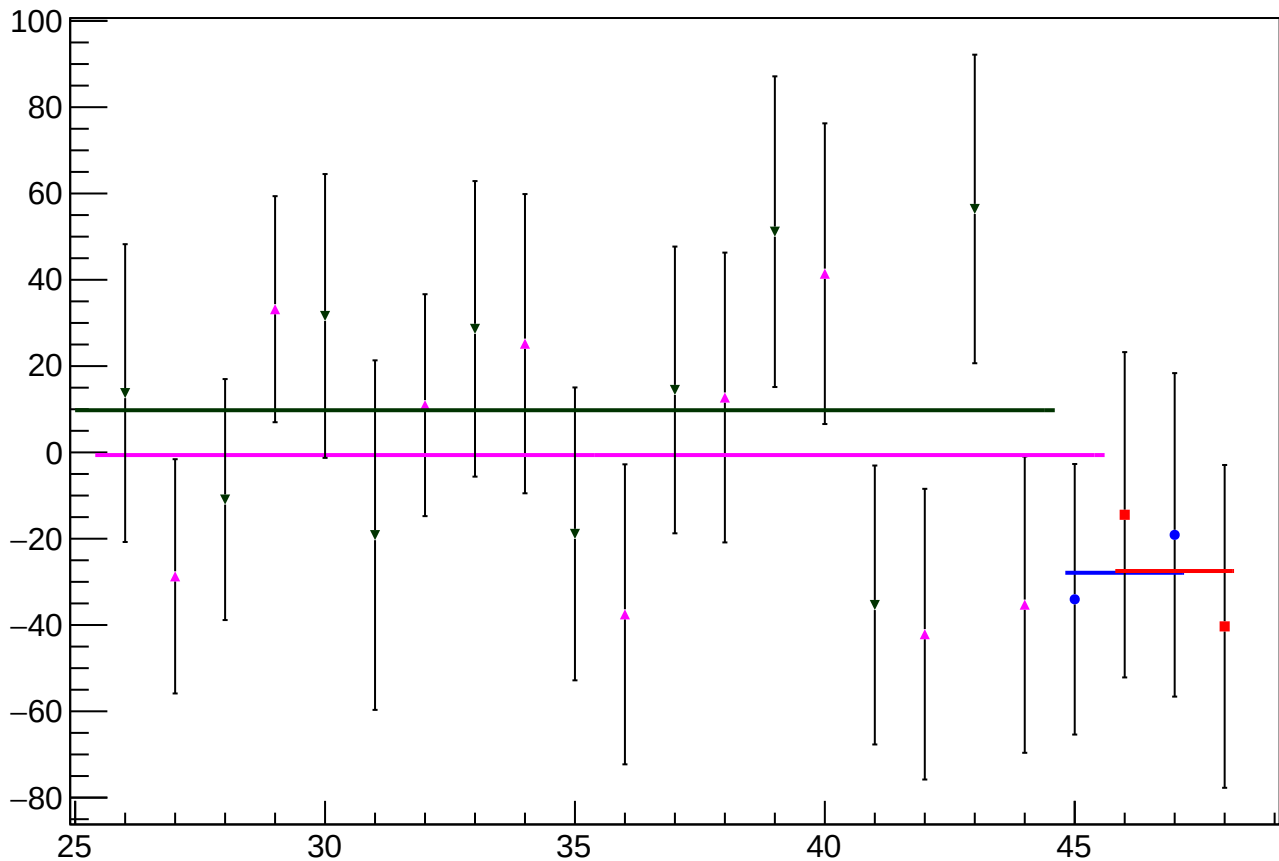
Right Out: 543.133 $\pm$ 0.413 χ^2/NDF : 2335.7/1

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

623.836 $\pm$ 0.178 χ^2/NDF : 167462.4/11

574.316 $\pm$ 0.160 χ^2/NDF : 103915.3/10

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

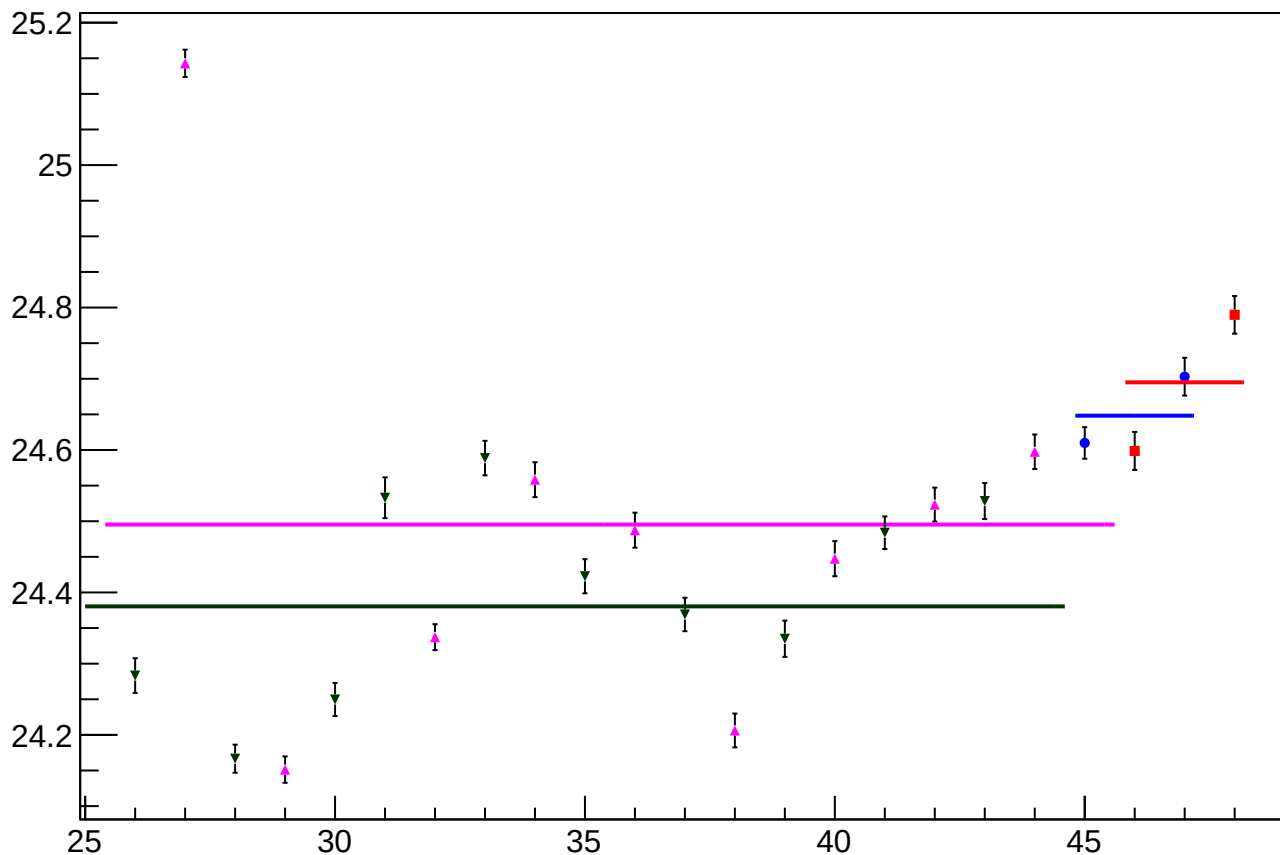
Right Out: -27.488 $\pm$ 26.551 χ^2 /NDF: 0.2/1

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

3.583 $\pm$ 9.748 χ^2 /NDF: 9.7/11

-4.132 $\pm$ 9.603 χ^2 /NDF: 9.9/10

reg_asym_left_dd_rms vs slug



Right In: 24.648 ± 0.017 χ^2/NDF : 7.3/1

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

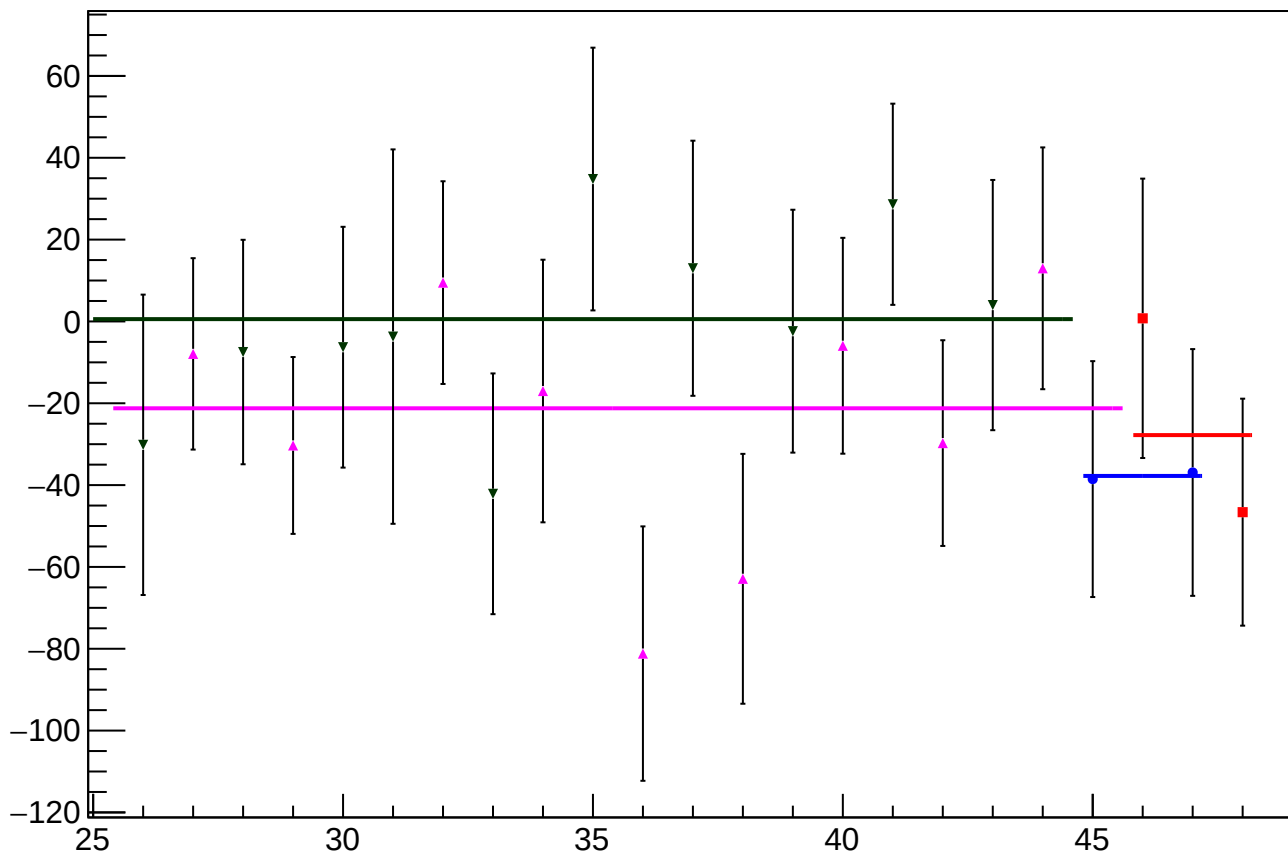
Right Out: 24.695 ± 0.019 χ^2/NDF : 25.9/1

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

24.424 ± 0.007 χ^2/NDF : 542.8/11

24.521 ± 0.007 χ^2/NDF : 1861.0/10

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

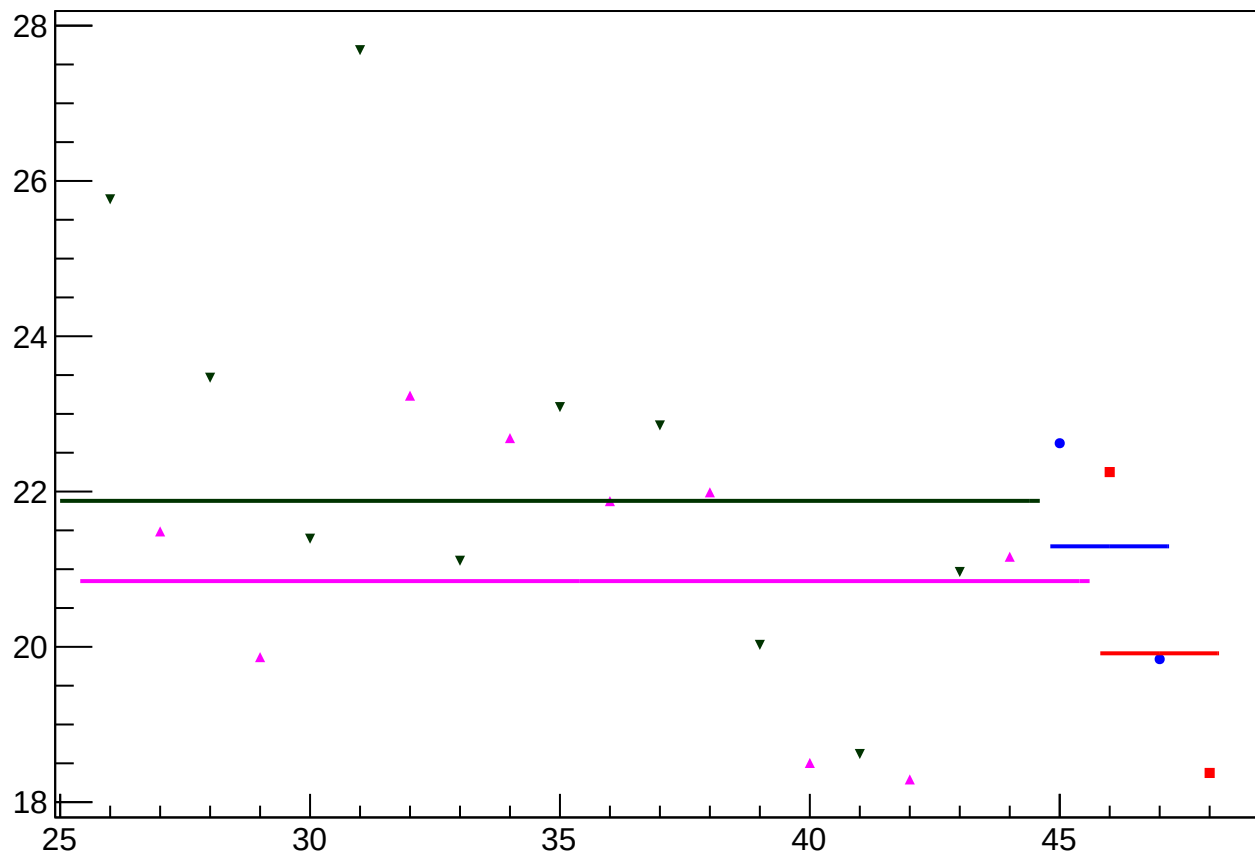
Right Out: -27.780 $\pm$ 21.528 χ^2/NDF : 1.2/1

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

-6.215 $\pm$ 8.764 χ^2/NDF : 8.4/11

-22.171 $\pm$ 8.165 χ^2/NDF : 10.7/10

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

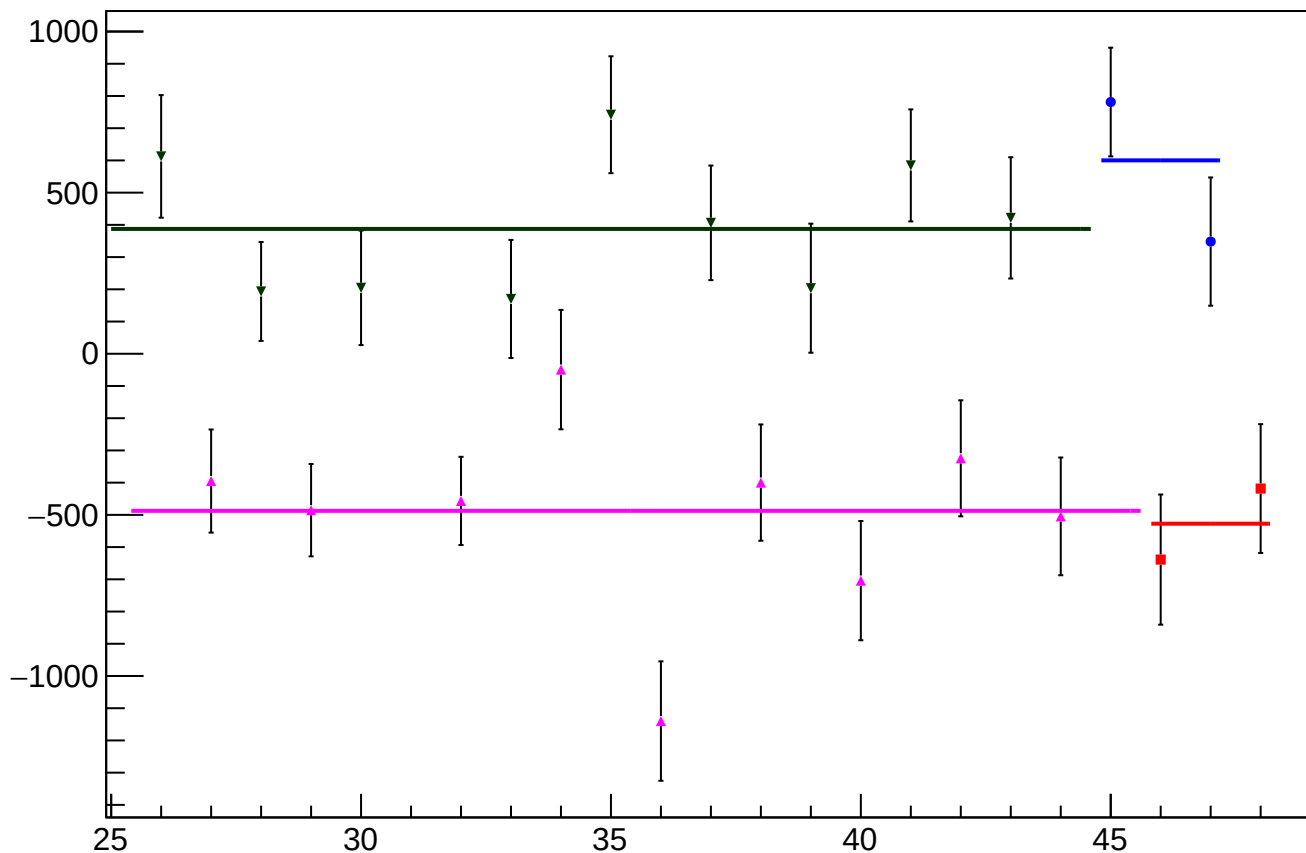
Right Out: 19.917 ± 0.015 χ^2/NDF : 15519.6/1

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

21.776 ± 0.006 χ^2/NDF : 122901.3/11

20.713 ± 0.006 χ^2/NDF : 91123.2/10

reg_asym_right_avg_mean vs slug



Right In: 600.176 $\pm$ 128.691 χ^2/NDF : 2.8/1

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

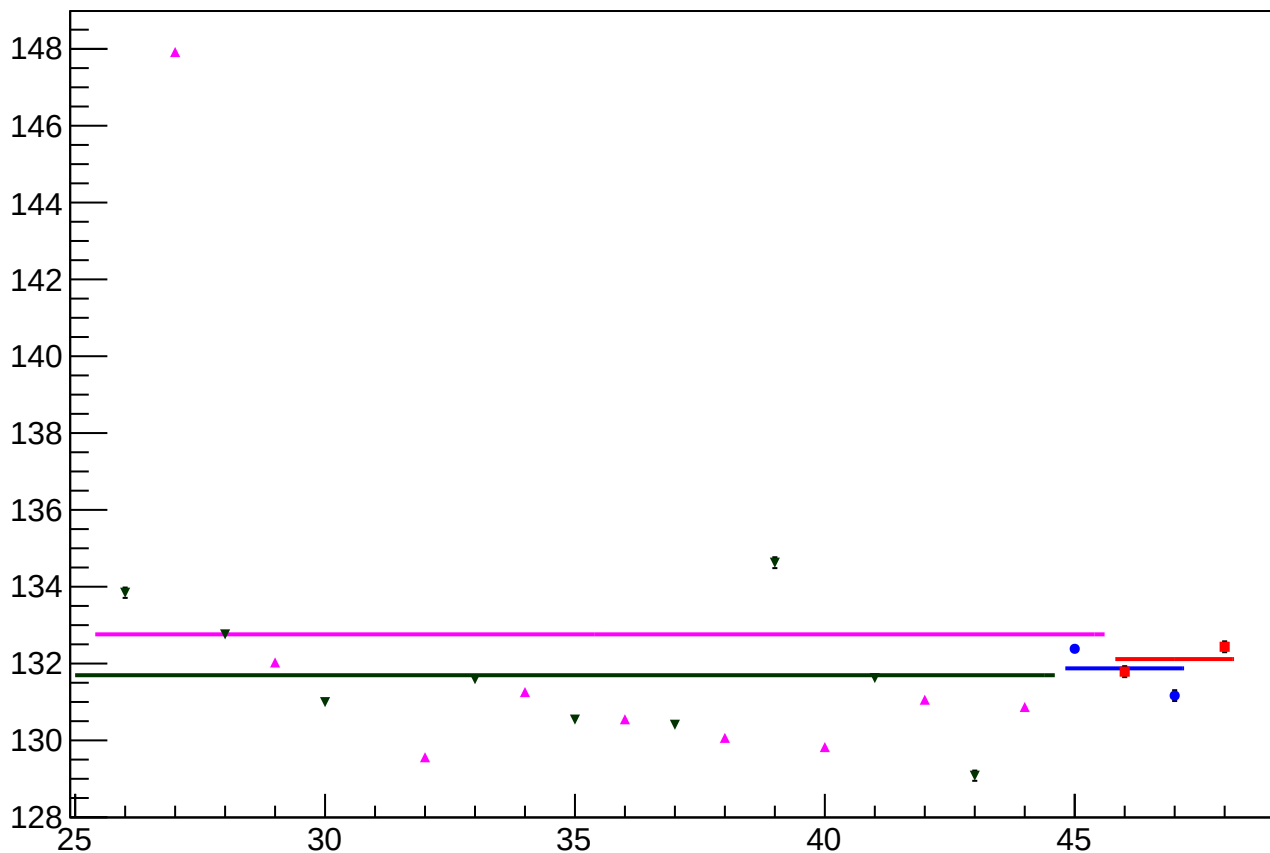
Right Out: -527.406 $\pm$ 142.070 χ^2/NDF : 0.6/1

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

425.174 $\pm$ 54.214 χ^2/NDF : 16.5/10

-492.823 $\pm$ 52.014 χ^2/NDF : 21.5/10

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

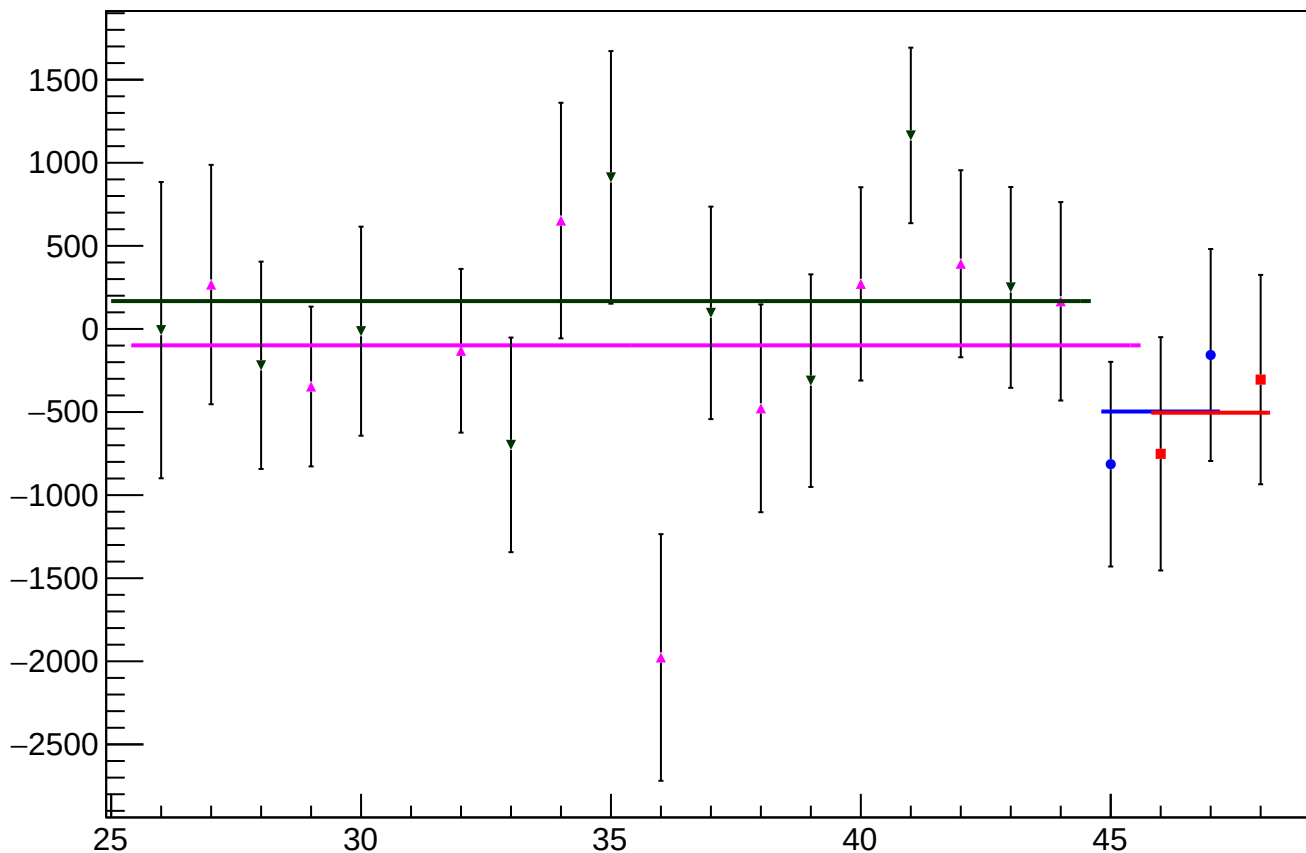
Right Out: 132.116 ± 0.100 χ^2/NDF : 10.4/1

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

131.728 ± 0.038 χ^2/NDF : 1430.3/10

132.674 ± 0.037 χ^2/NDF : 20894.0/10

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

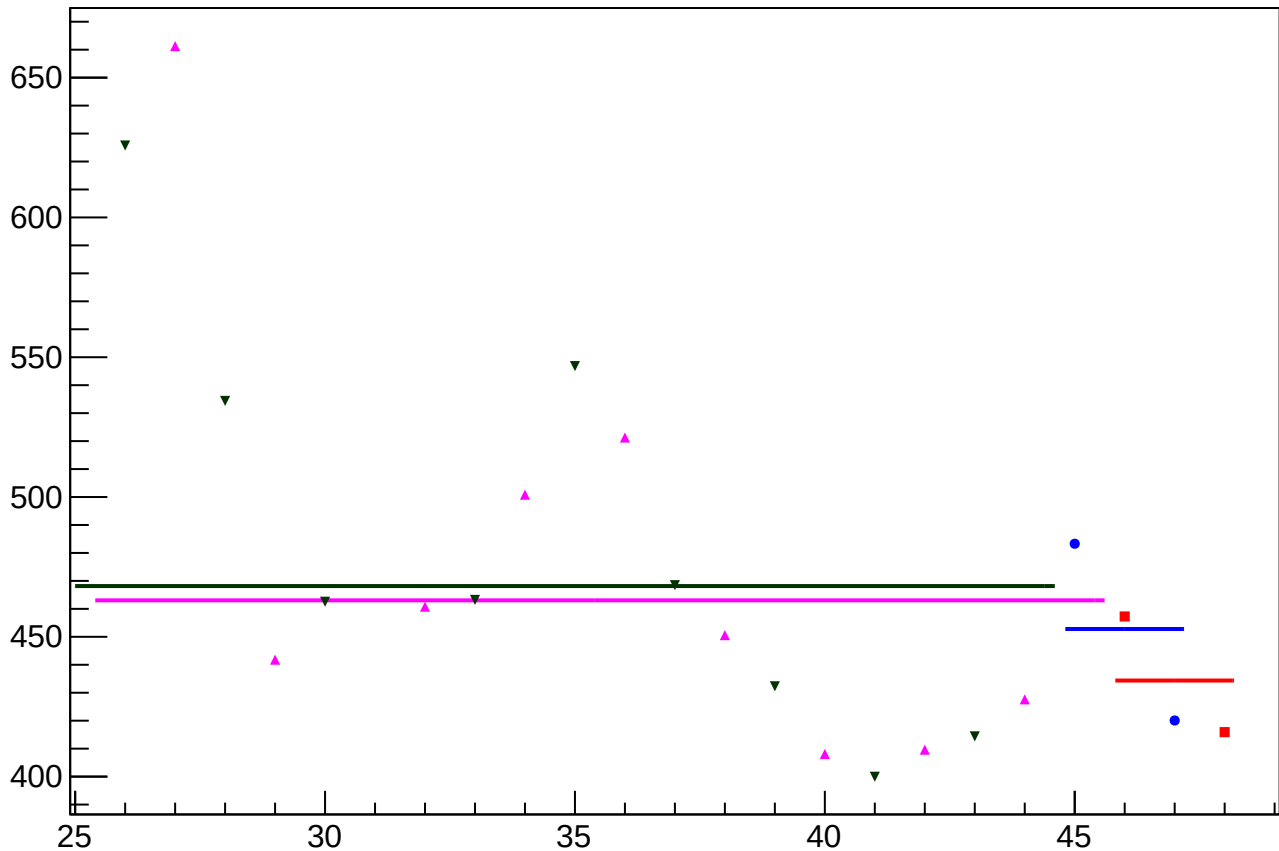
Right Out: -504.035+/-468.843 χ^2/NDF : 0.2/1

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

41.309+/-193.186 χ^2/NDF : 9.8/10

-159.688+/-181.946 χ^2/NDF : 10.6/10

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

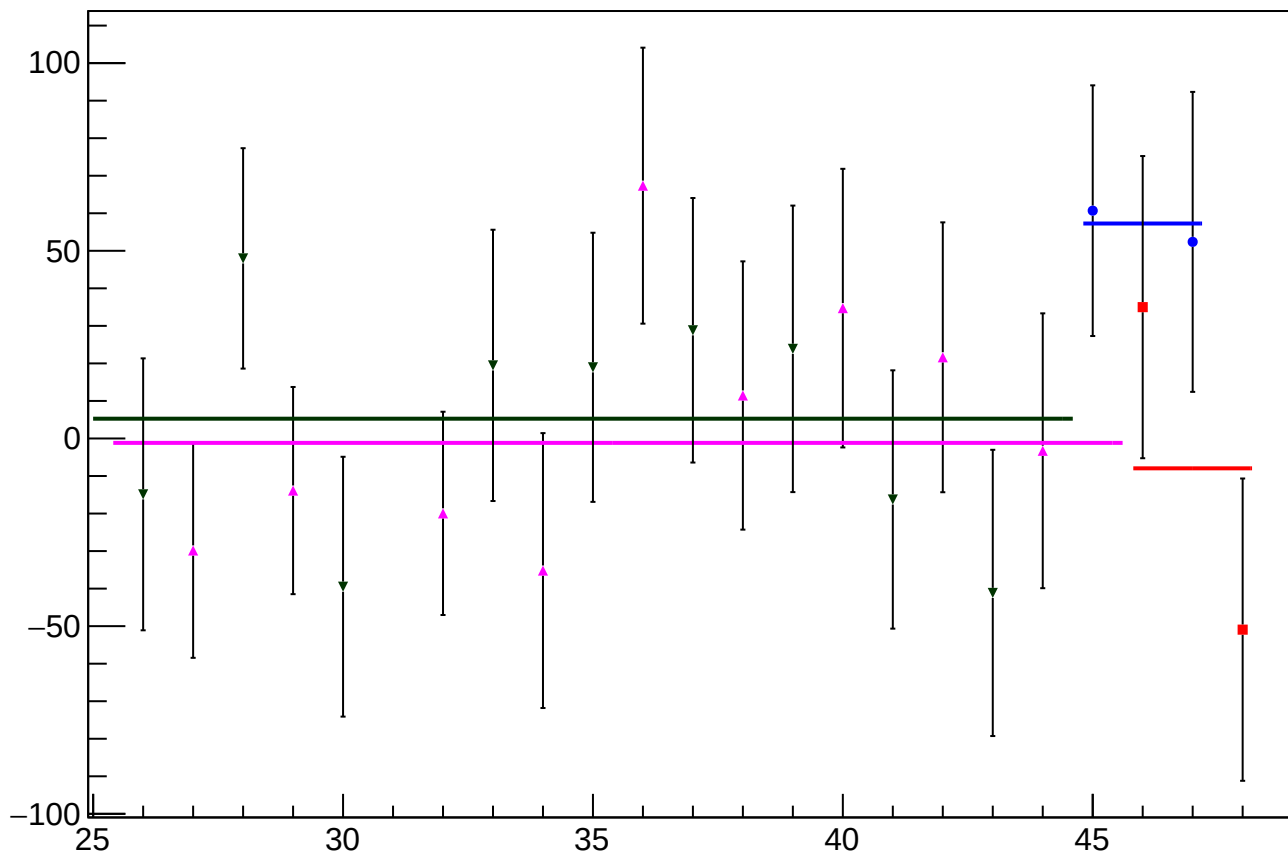
Right Out: 434.364+/-0.332 χ^2/NDF : 3847.6/1

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

465.232+/-0.137 χ^2/NDF : 174345.5/10

458.724+/-0.129 χ^2/NDF : 227351.6/10

reg_asym_right_dd_mean vs slug



Right In: 57.271 $\pm$ 25.624 χ^2 /NDF: 0.0/1

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

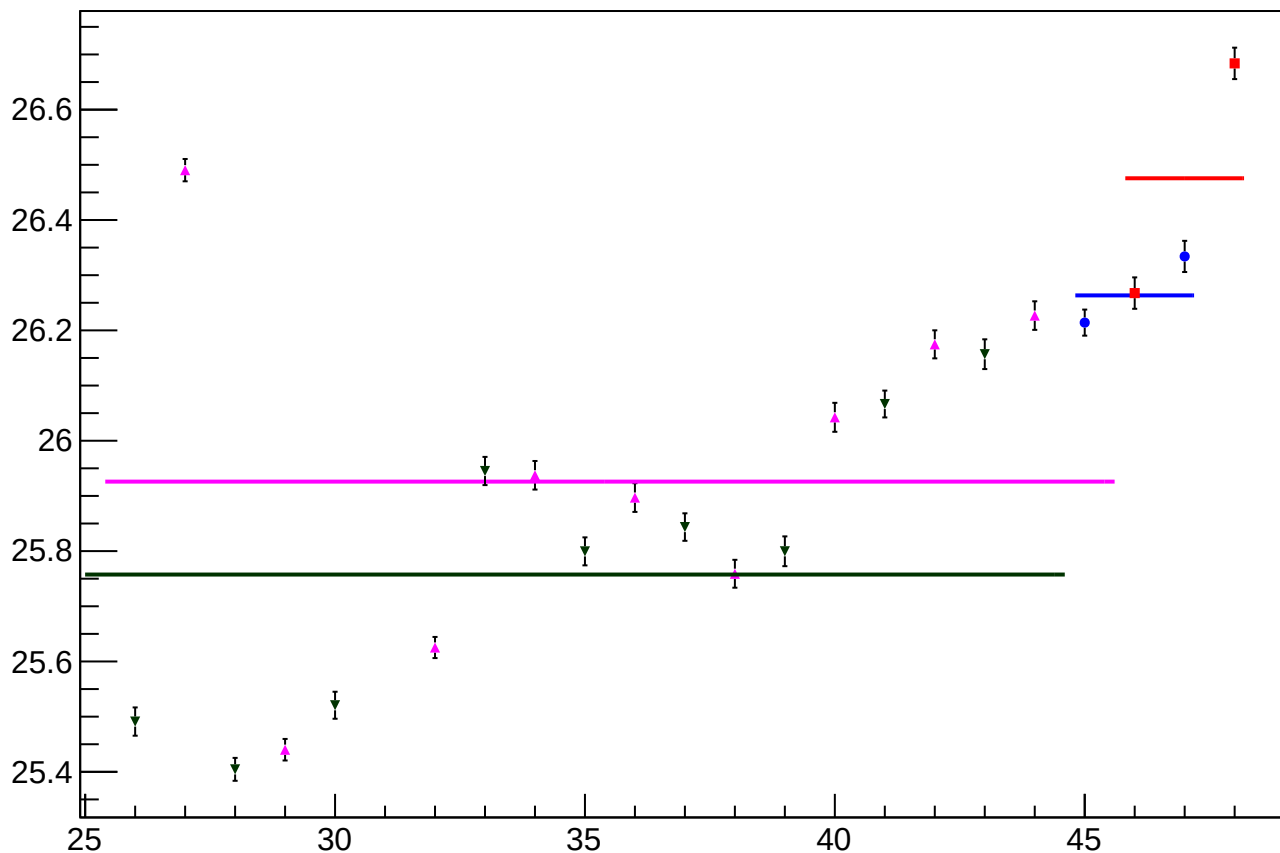
Right Out: -7.956 $\pm$ 28.469 χ^2 /NDF: 2.3/1

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

14.222 $\pm$ 10.631 χ^2 /NDF: 10.4/10

-2.040 $\pm$ 10.181 χ^2 /NDF: 9.8/10

reg_asym_right_dd_rms vs slug



Right In: 26.263 ± 0.018 χ^2/NDF : 10.6/1

Left Out: 25.758 ± 0.008 χ^2/NDF : 942.7/8

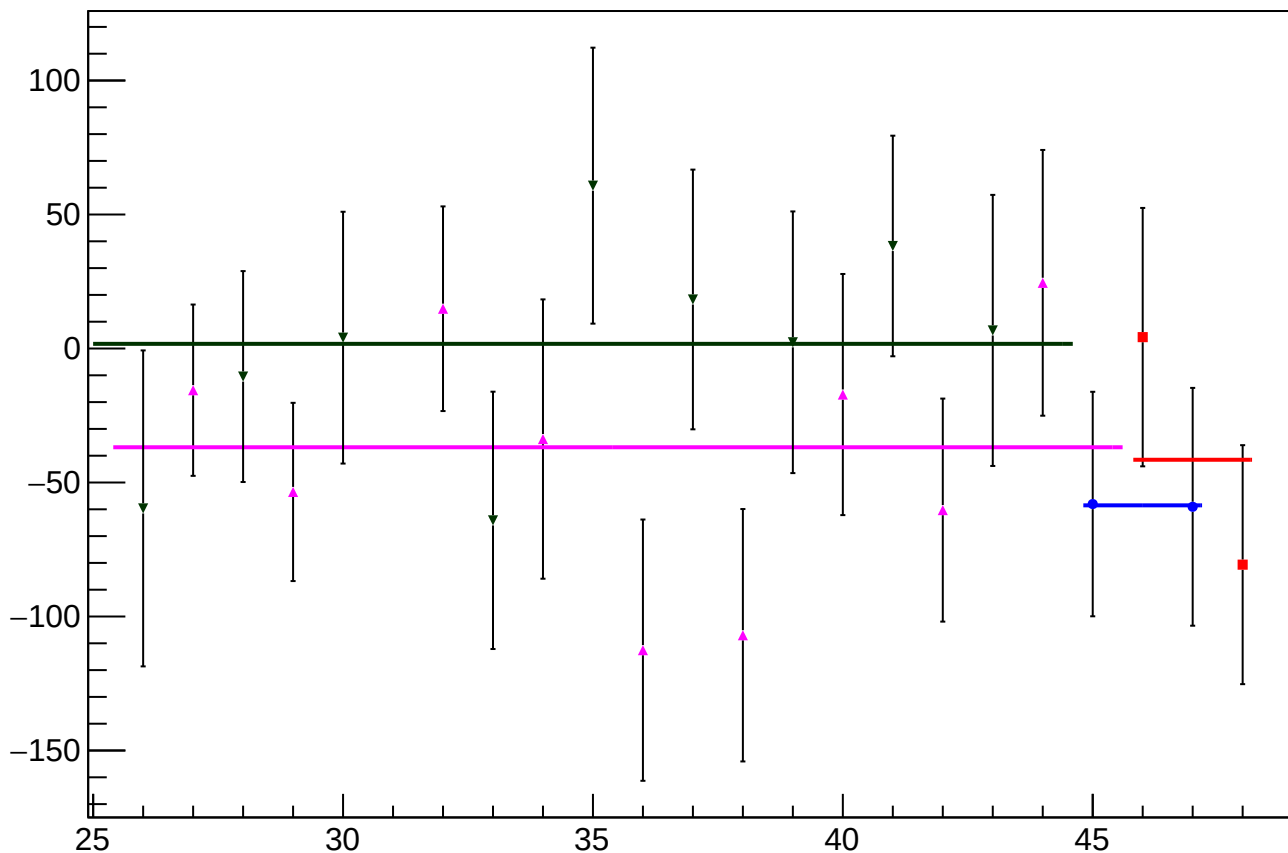
Right Out: 26.476 ± 0.020 χ^2/NDF : 106.9/1

Left In: 25.926 ± 0.008 χ^2/NDF : 1940.9/8

25.845 ± 0.008 χ^2/NDF : 1598.6/10

25.996 ± 0.007 χ^2/NDF : 2698.1/10

asym_right_dd_correction_mean vs slug



Right In: -58.520 $\pm$ 30.458 χ^2/NDF : 0.0/1

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

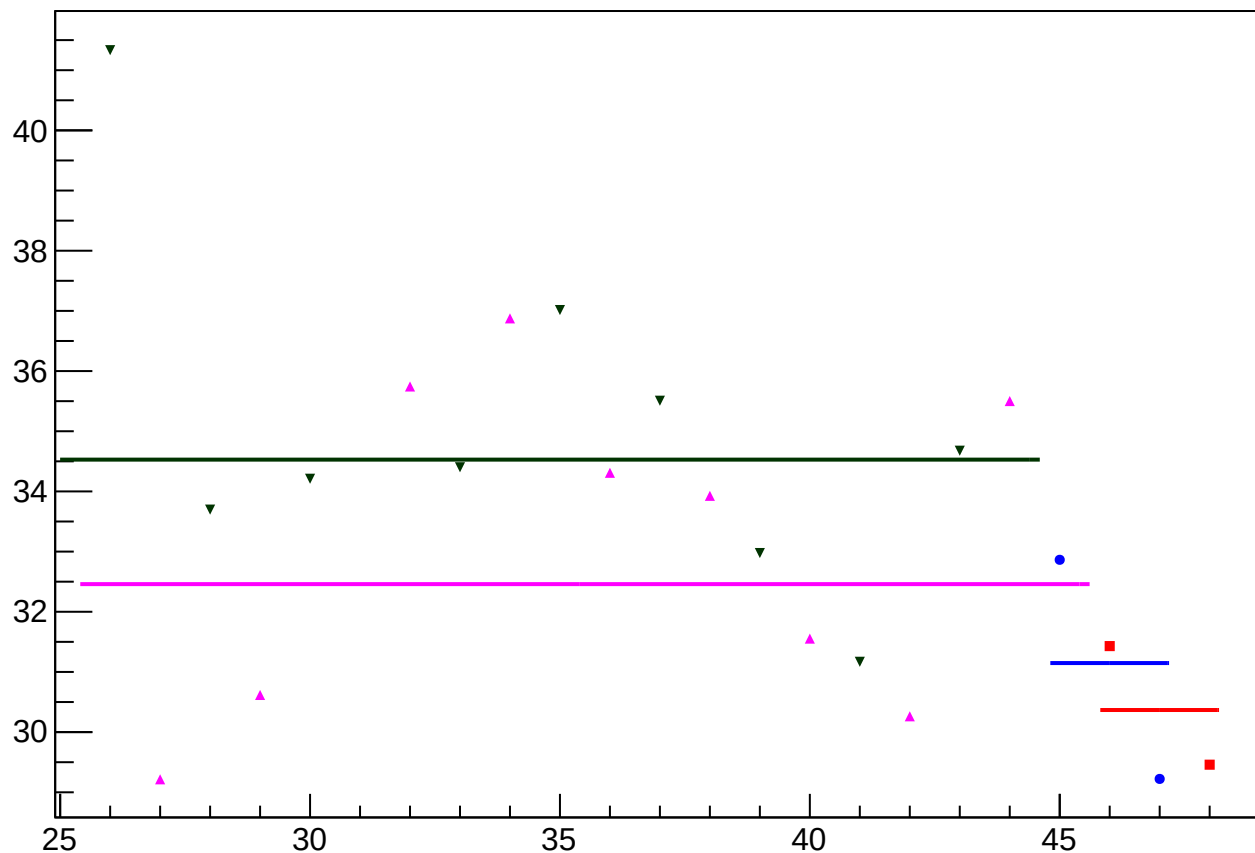
Right Out: -41.512 $\pm$ 32.734 χ^2/NDF : 1.7/1

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

-10.991 $\pm$ 13.999 χ^2/NDF : 8.4/10

-37.549 $\pm$ 12.679 χ^2/NDF : 10.9/10

asym_right_dd_correction_rms vs slug



Right In: 31.148 ± 0.022 χ^2/NDF : 7122.6/1

Left Out: 34.528 ± 0.011 χ^2/NDF : 48487.1/8

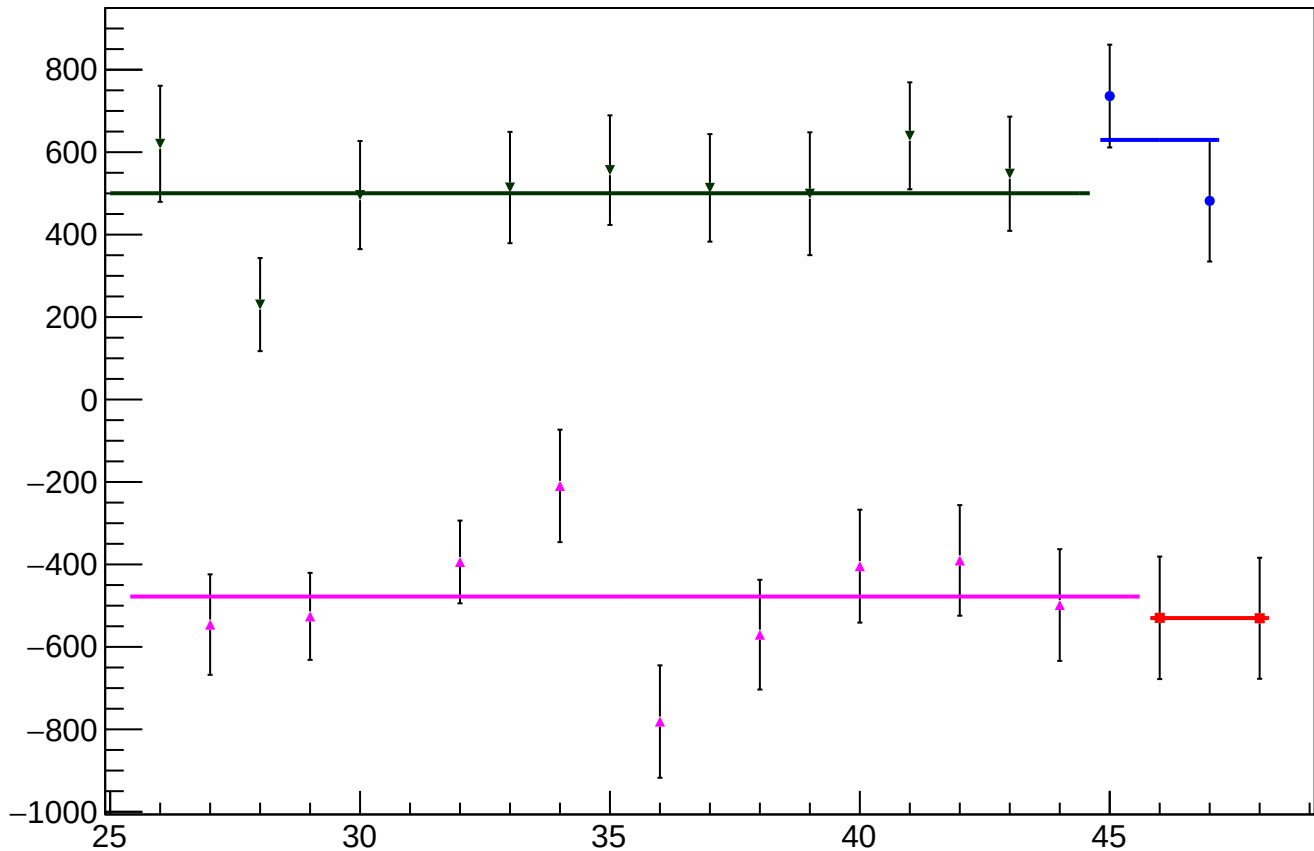
Right Out: 30.367 ± 0.023 χ^2/NDF : 1801.5/1

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

33.814 ± 0.010 χ^2/NDF : 75044.4/10

32.146 ± 0.009 χ^2/NDF : 83380.9/10

reg_asym_us_avg_mean vs slug



Right In: 629.751 ± 95.086 χ^2/NDF : 1.7/1

Left Out: 500.356 ± 44.116 χ^2/NDF : 7.9/8

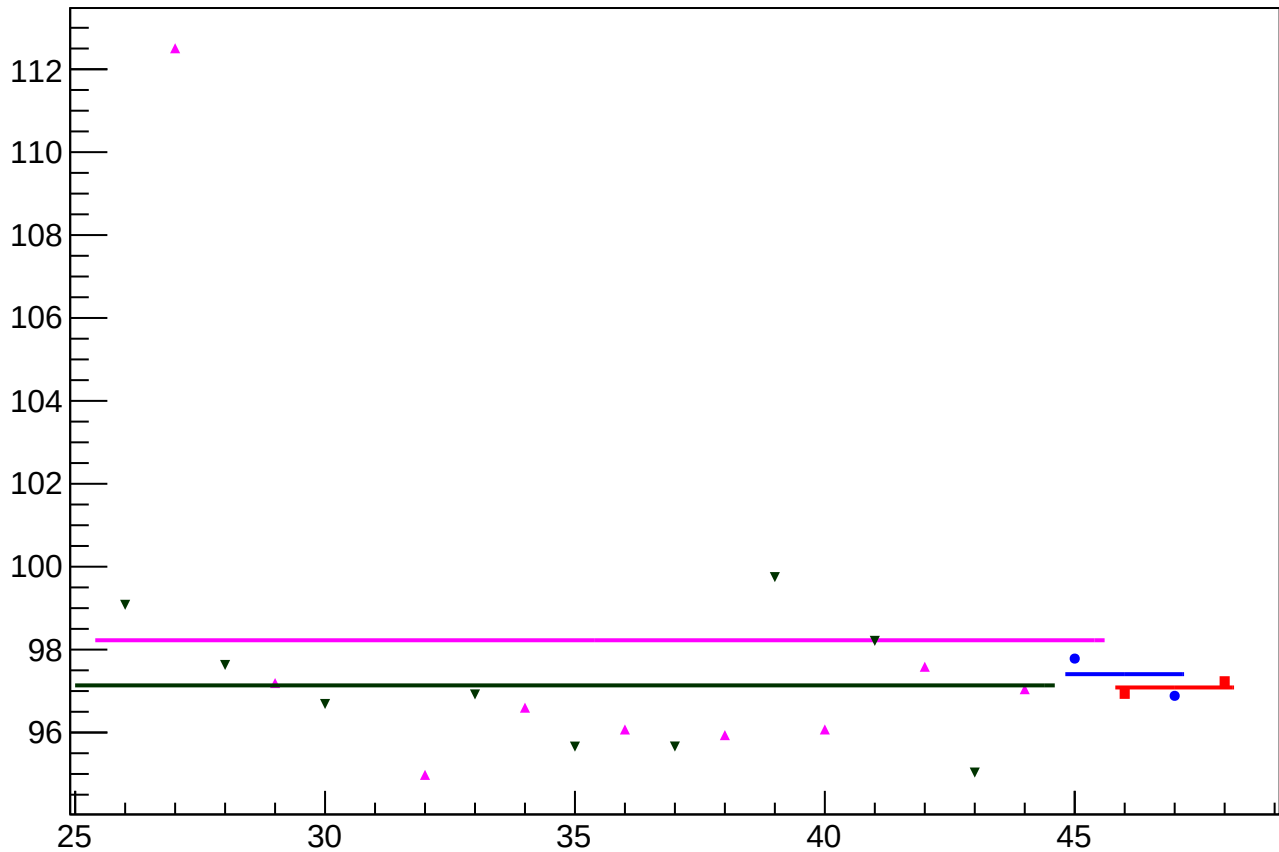
523.276 ± 40.018 χ^2/NDF : 11.2/10

Right Out: -530.065 ± 104.423 χ^2/NDF : 0.0/1

-484.952 ± 38.477 χ^2/NDF : 11.5/10

Left In: -477.865 ± 41.389 χ^2/NDF : 11.3/8

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

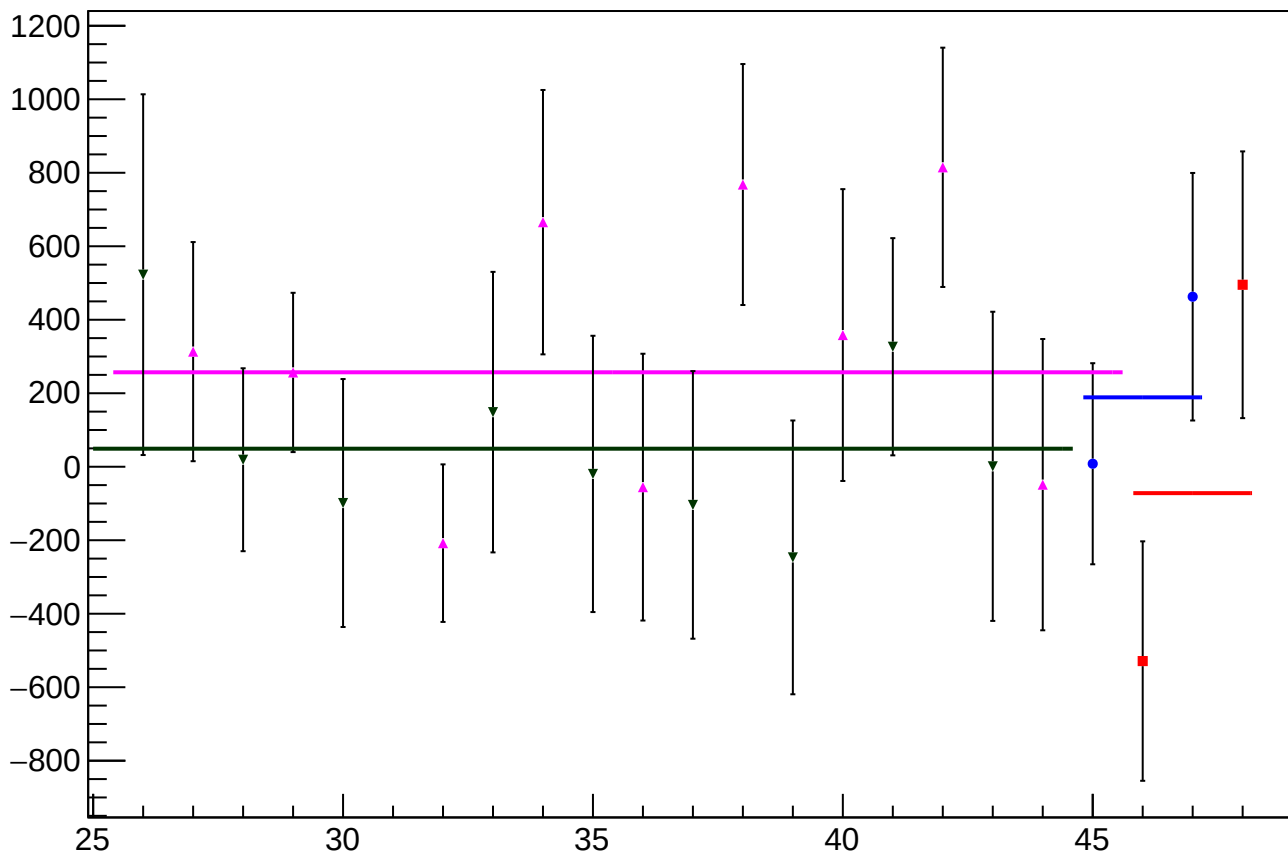
Right Out: 97.087 ± 0.074 χ^2/NDF : 4.2/1

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

97.185 ± 0.028 χ^2/NDF : 2219.5/10

98.071 ± 0.027 χ^2/NDF : 32027.2/10

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

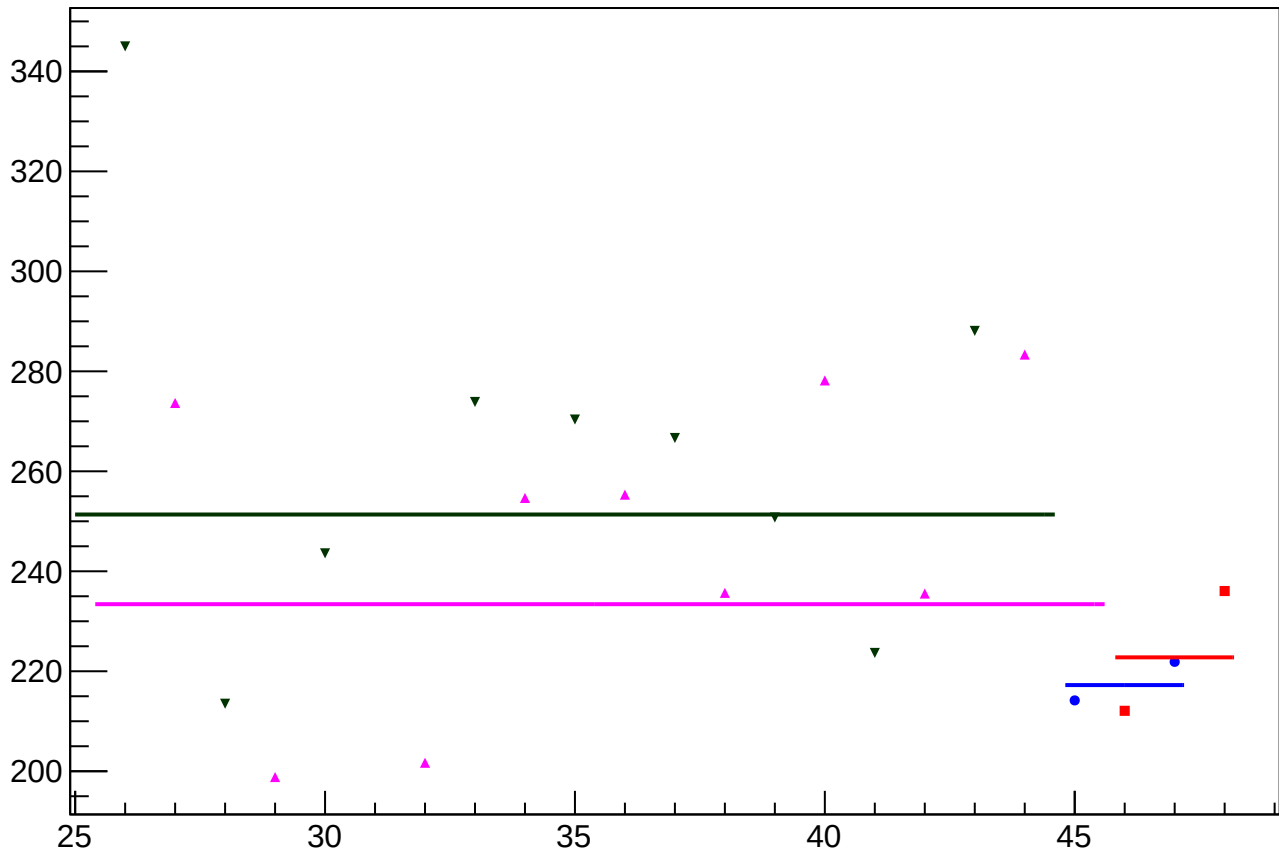
Right Out: -71.840 $\pm$ 242.459 χ^2 /NDF: 4.4/1

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

81.024 $\pm$ 101.518 χ^2 /NDF: 4.4/10

209.651 $\pm$ 92.034 χ^2 /NDF: 18.8/10

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

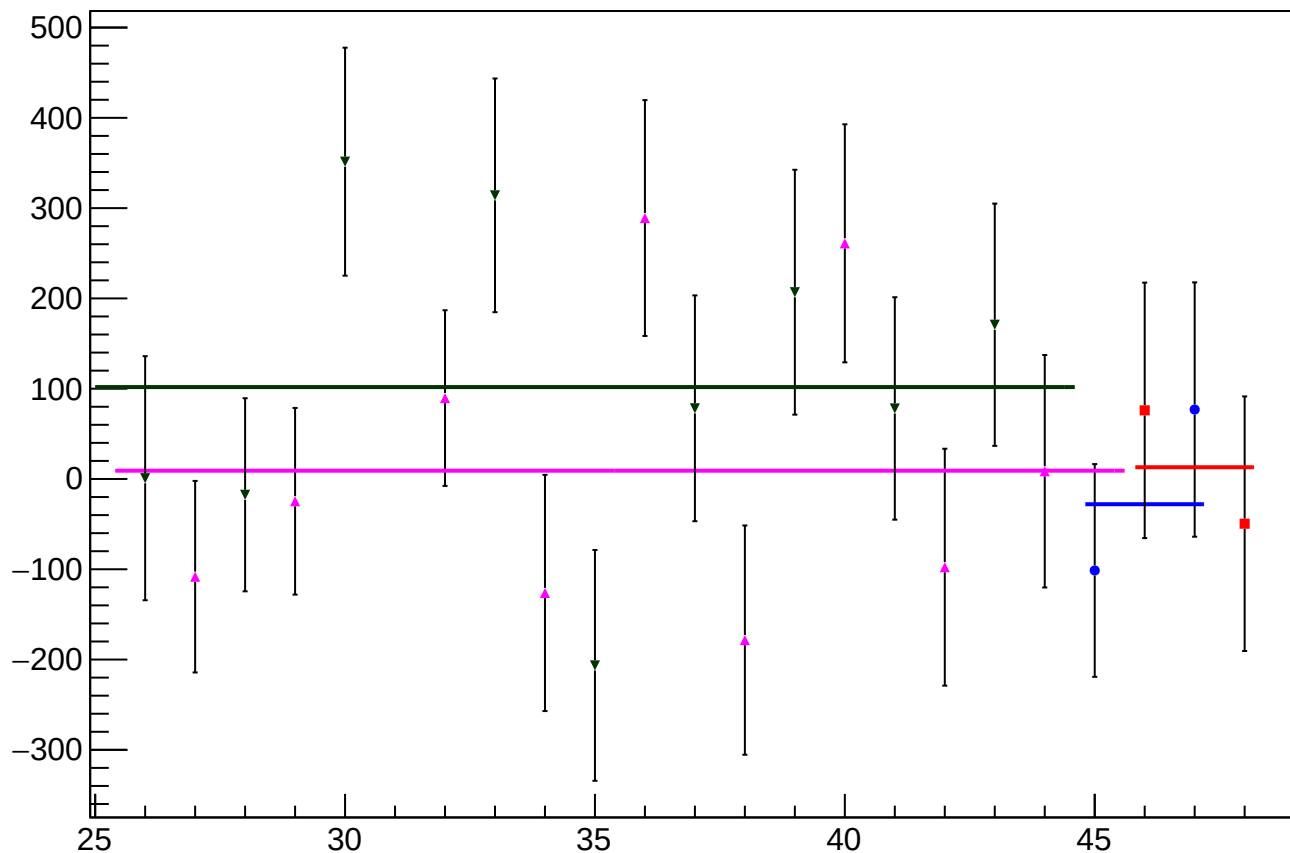
243.560+/-0.072 χ^2/NDF : 208964.5/10

Right Out: 222.781+/-0.171 χ^2/NDF : 4827.1/1

231.884+/-0.065 χ^2/NDF : 210863.4/10

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

reg_asym_us_dd_mean vs slug



Right In: -27.955 $\pm$ 90.368 χ^2/NDF : 0.9/1

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

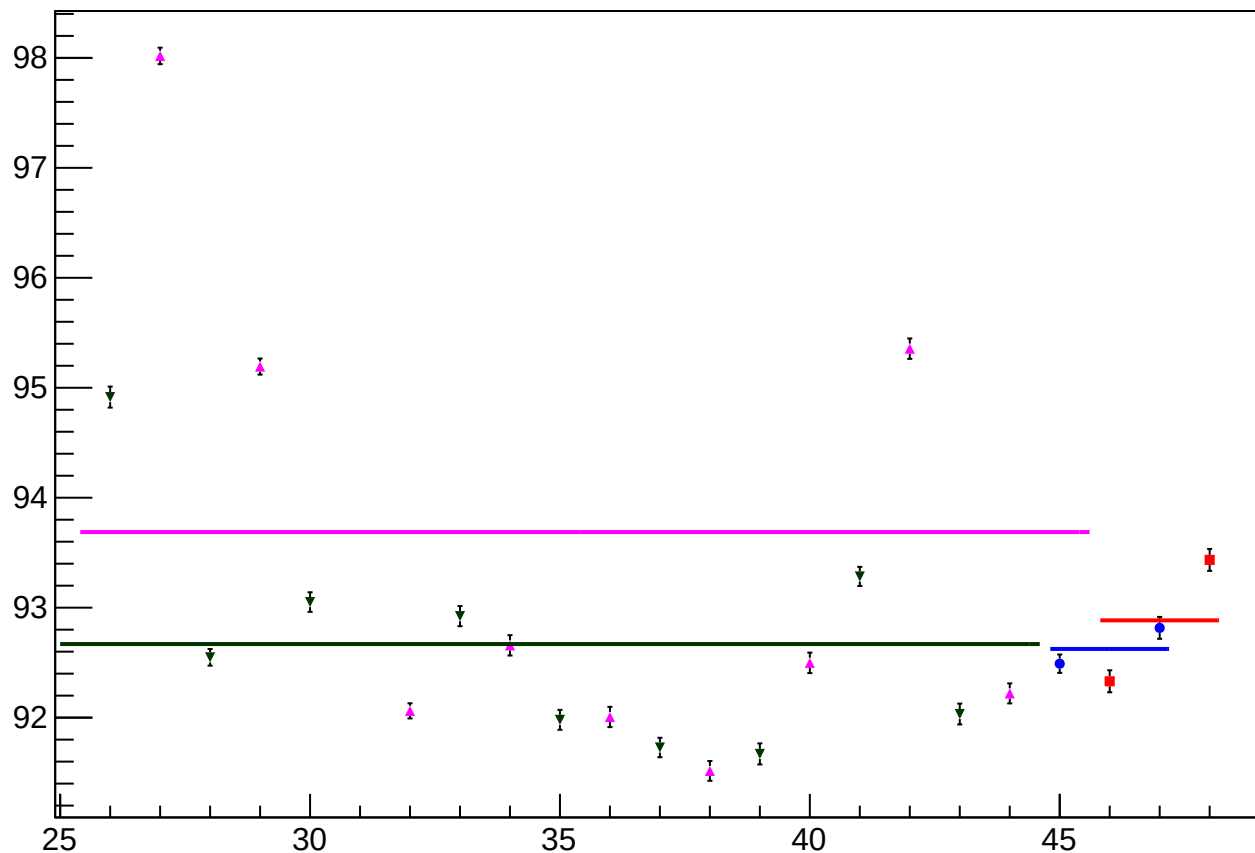
Right Out: 13.013 $\pm$ 99.870 χ^2/NDF : 0.4/1

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

78.702 $\pm$ 38.124 χ^2/NDF : 17.8/10

9.698 $\pm$ 36.676 χ^2/NDF : 14.6/10

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

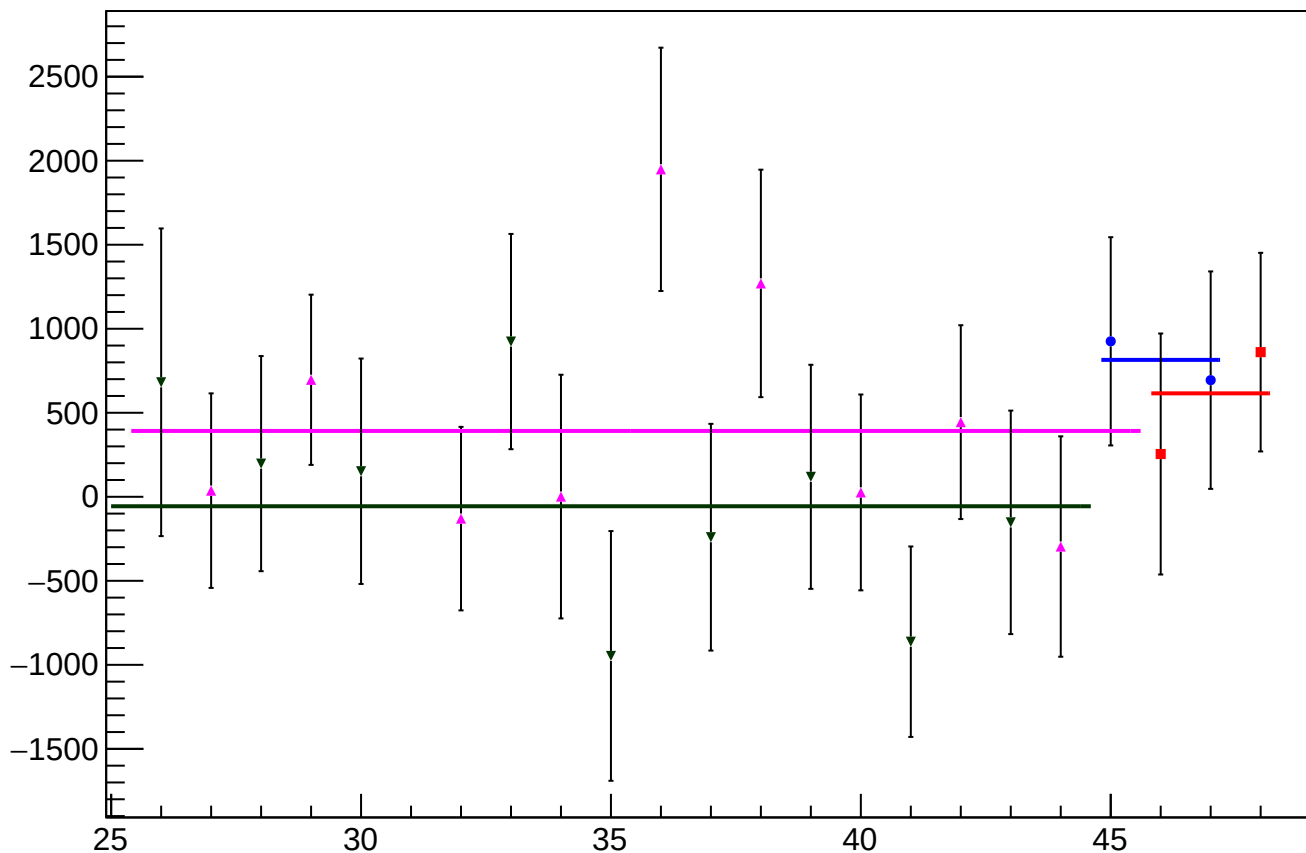
Right Out: 92.884 $\pm$ 0.071 χ^2 /NDF: 61.1/1

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

92.661 $\pm$ 0.027 χ^2 /NDF: 962.2/10

93.579 $\pm$ 0.026 χ^2 /NDF: 6275.2/10

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

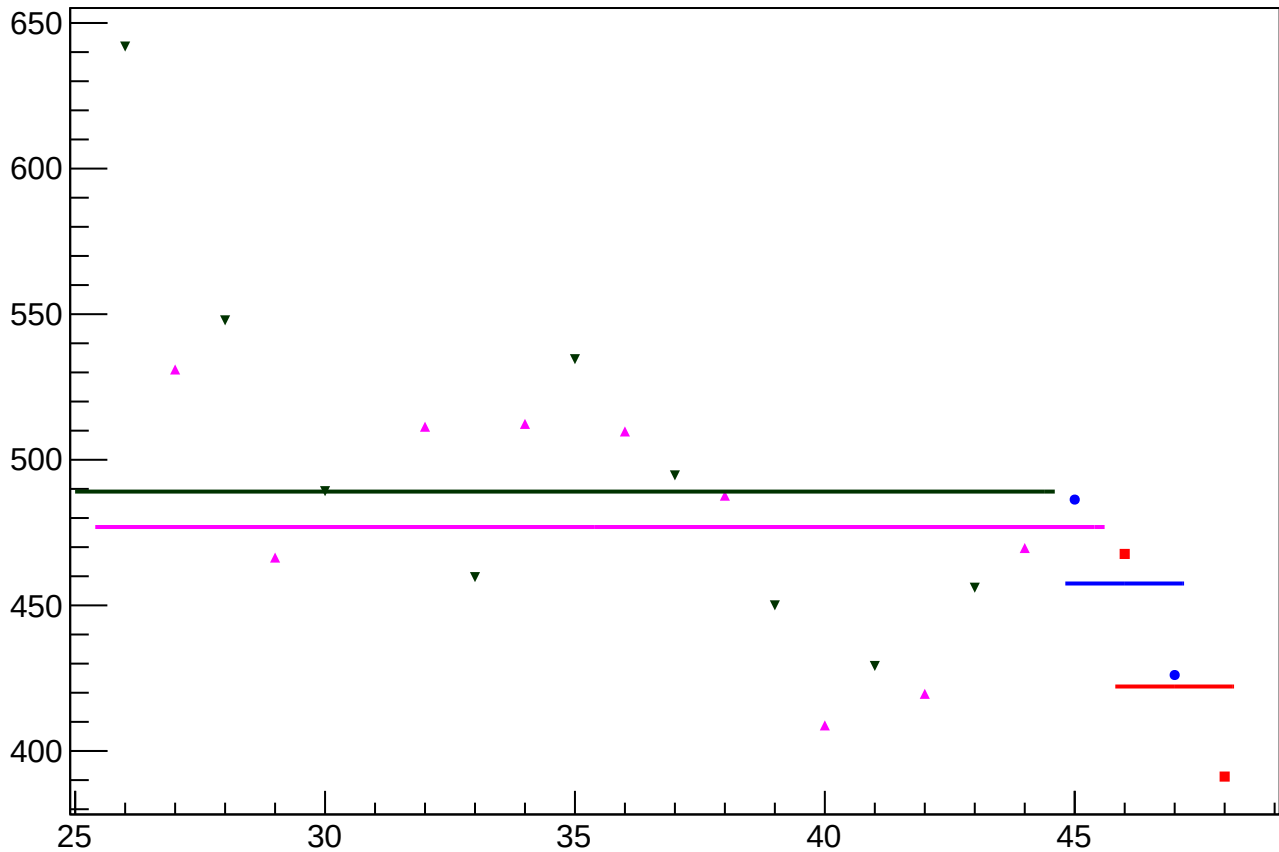
Right Out: 615.577 $\pm$ 456.074 χ^2 /NDF: 0.4/1

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

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

428.540 $\pm$ 184.698 χ^2 /NDF: 10.4/10

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

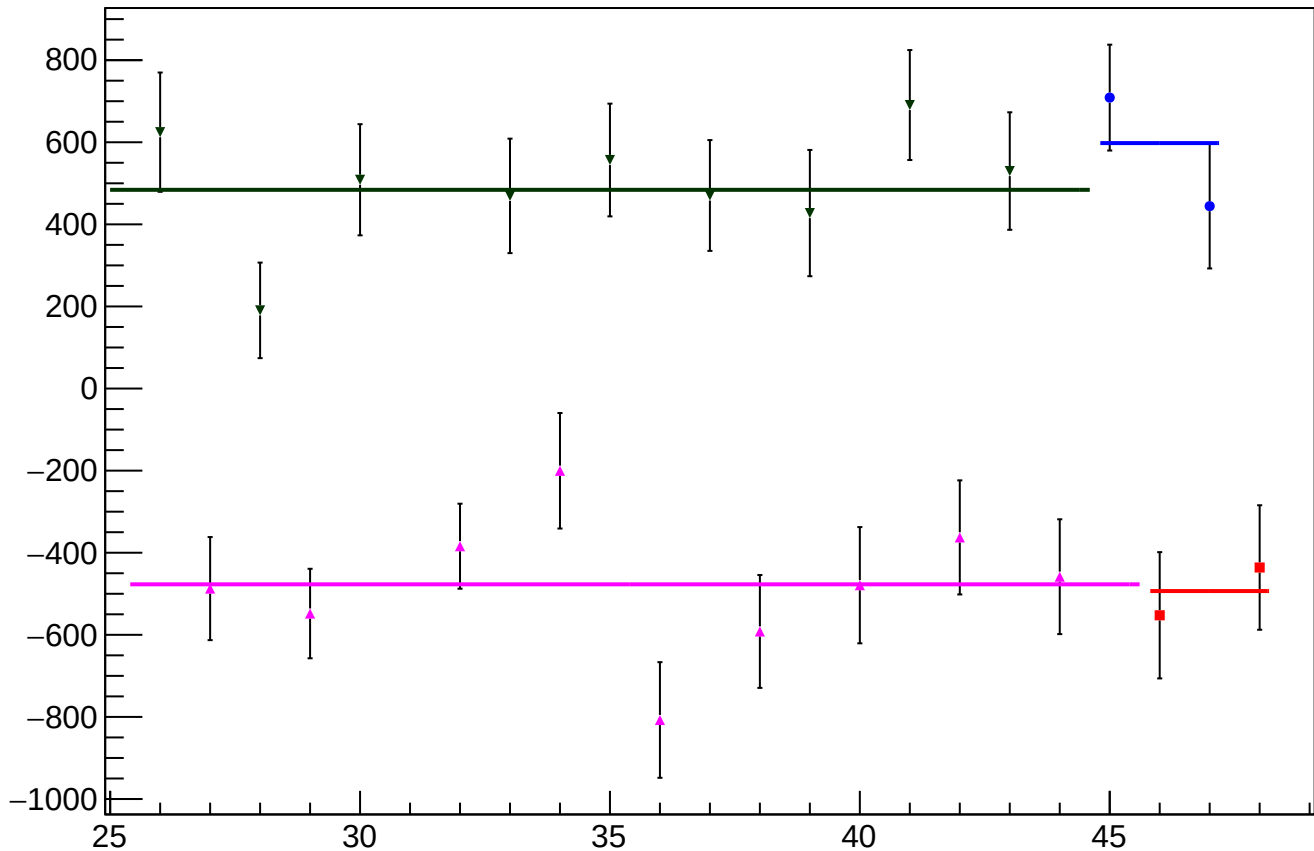
482.755+/-0.142 χ^2/NDF : 135581.1/10

Right Out: 422.140+/-0.322 χ^2/NDF : 13539.1/1

467.930+/-0.131 χ^2/NDF : 120634.6/10

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

reg_asym_ds_avg_mean vs slug



Right In: 597.974 ± 98.279 $\chi^2/\text{NDF}: 1.8/1$

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

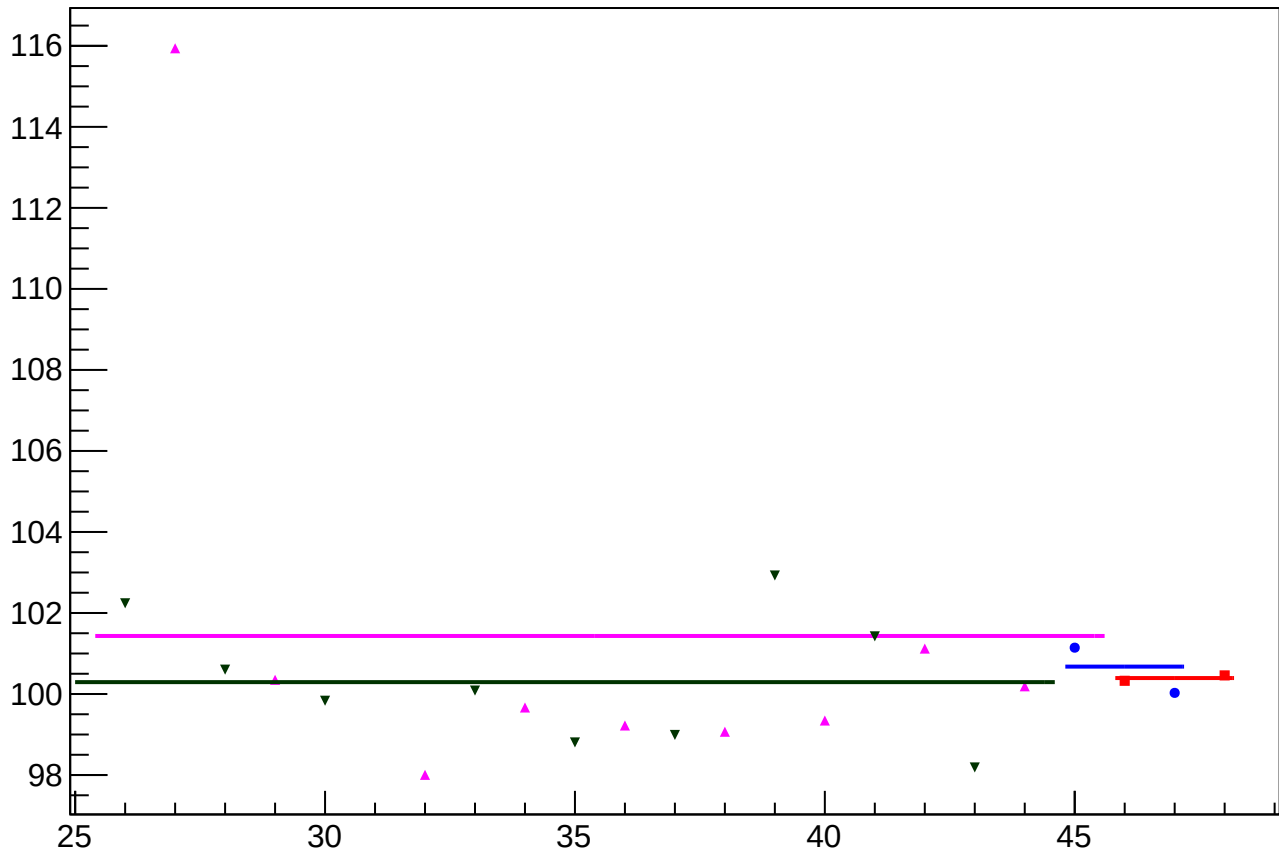
Right Out: -493.377 ± 107.988 $\chi^2/\text{NDF}: 0.3/1$

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

504.252 ± 41.330 $\chi^2/\text{NDF}: 13.1/10$

-479.173 ± 39.742 $\chi^2/\text{NDF}: 12.3/10$

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

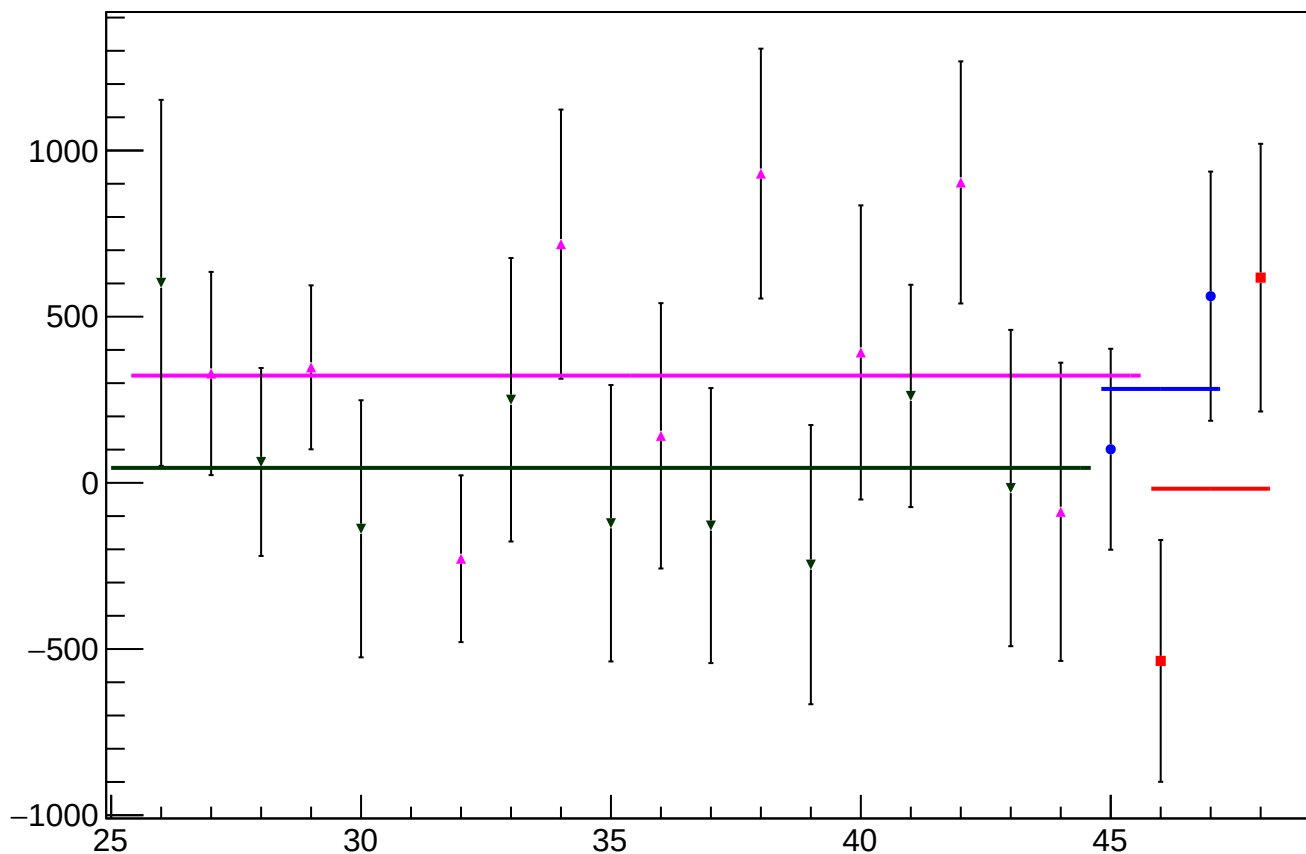
Right Out: 100.394 ± 0.076 χ^2/NDF : 0.8/1

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

100.361 ± 0.029 χ^2/NDF : 2071.0/10

101.292 ± 0.028 χ^2/NDF : 31243.5/10

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

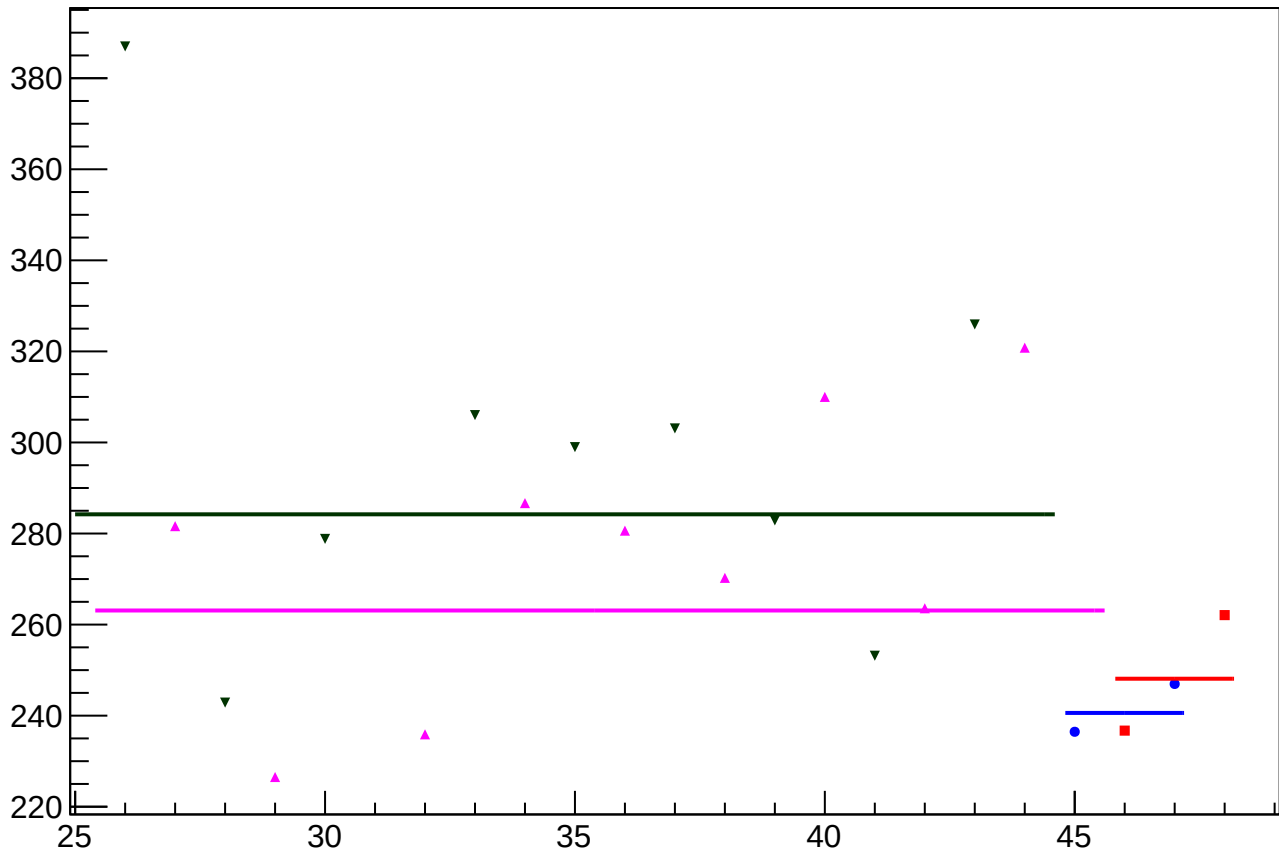
Right Out: -17.604+/-269.967 χ^2/NDF : 4.5/1

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

101.006+/-114.197 χ^2/NDF : 4.4/10

272.982+/-103.252 χ^2/NDF : 17.9/10

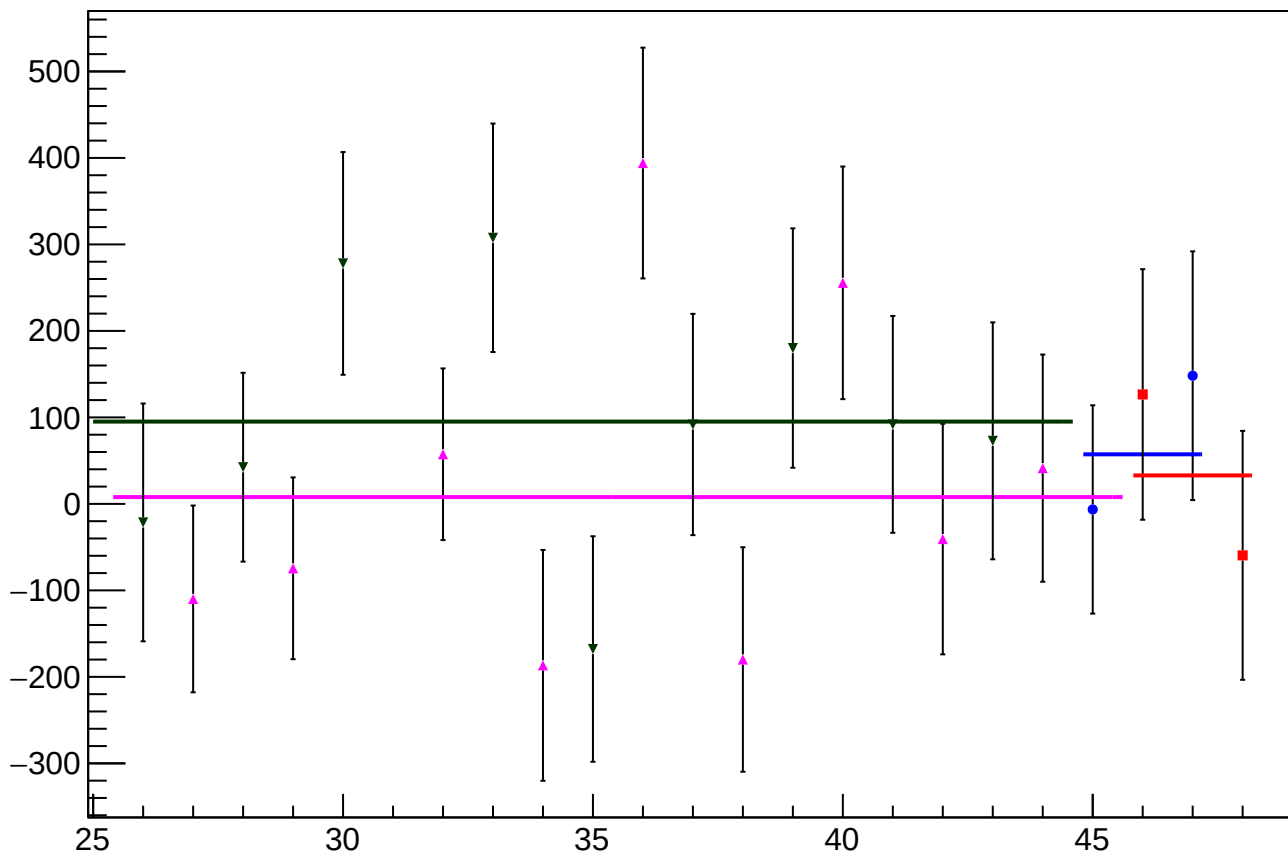
asym_ds_avg_correction_rms vs slug



Right In: 240.599+/-0.166 χ^2/NDF : 950.9/1
 Left Out: 284.218+/-0.092 χ^2/NDF : 157337.5/8
 Right Out: 248.111+/-0.191 χ^2/NDF : 4370.3/1
 Left In: 263.097+/-0.079 χ^2/NDF : 141755.0/8

273.948+/-0.081 χ^2/NDF : 210815.4/10
 260.905+/-0.073 χ^2/NDF : 151386.4/10

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

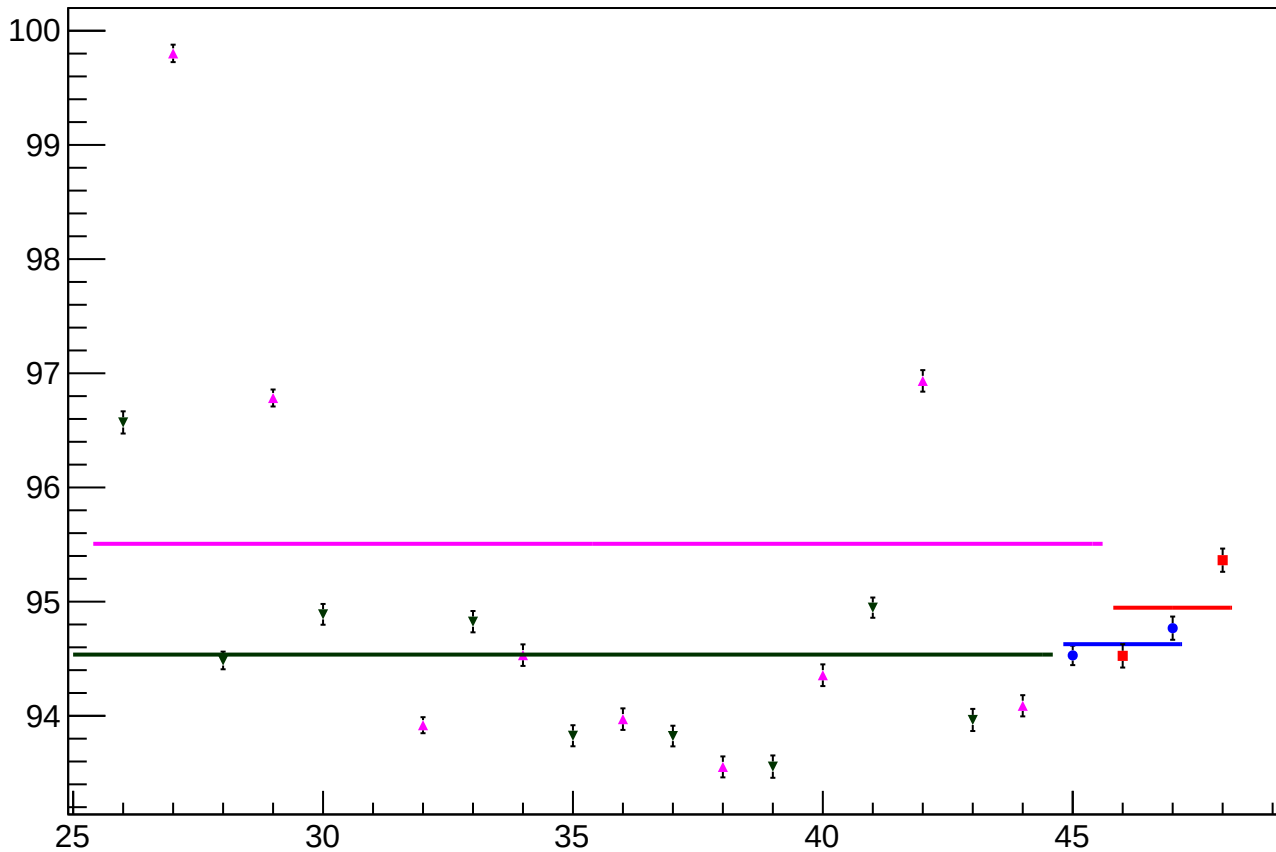
Right Out: 32.912+/-102.087 χ^2/NDF : 0.8/1

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

88.435+/-38.900 χ^2/NDF : 10.8/10

11.250+/-37.398 χ^2/NDF : 19.1/10

reg_asym_ds_dd_rms vs slug



Right In: 94.628 $\pm$ 0.065 χ^2/NDF : 3.2/1

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

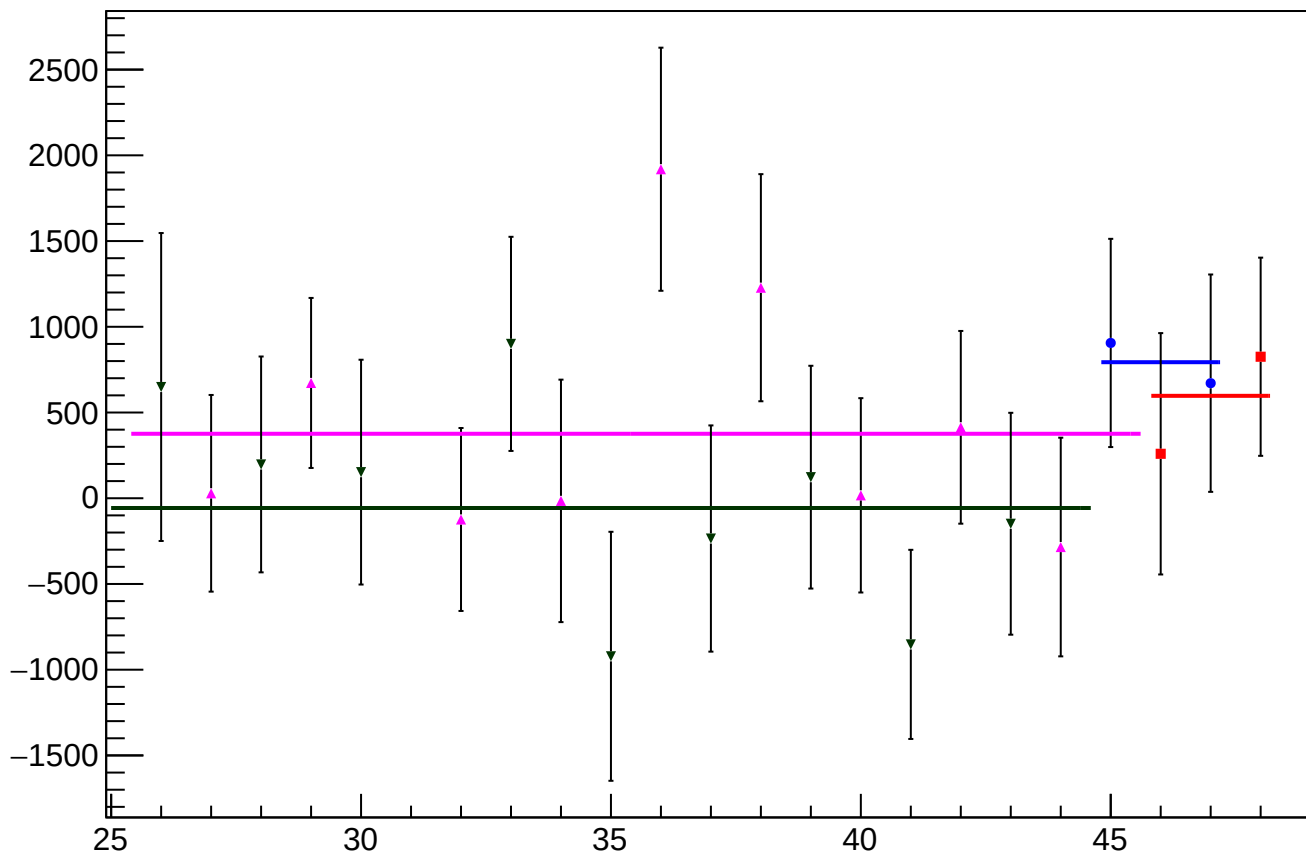
Right Out: 94.947 $\pm$ 0.072 χ^2/NDF : 33.7/1

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

94.553 $\pm$ 0.028 χ^2/NDF : 745.9/10

95.431 $\pm$ 0.026 χ^2/NDF : 5491.4/10

asym_ds_dd_correction_mean vs slug



Right In: 793.465 ± 438.487 $\chi^2/\text{NDF}: 0.1/1$

Left Out: -56.903 ± 218.768 $\chi^2/\text{NDF}: 6.9/8$

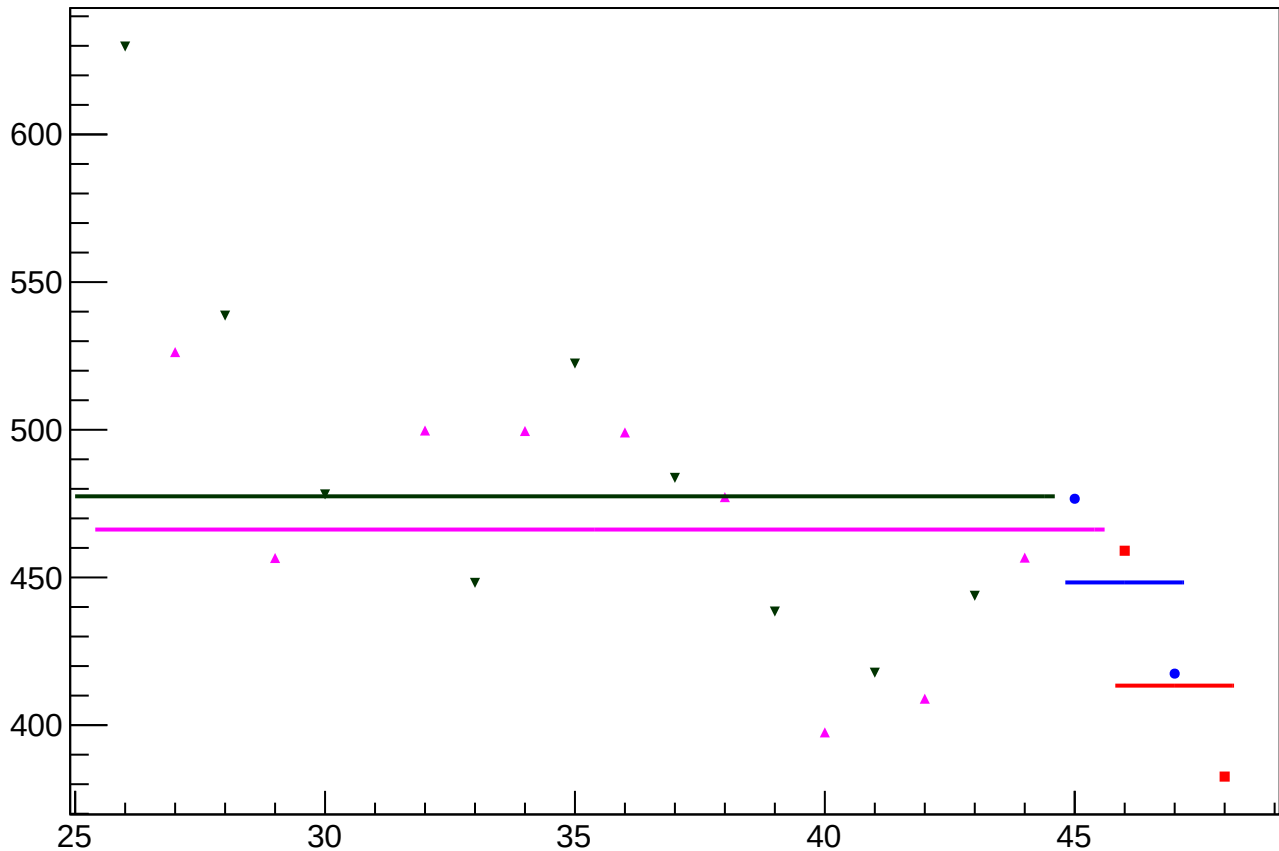
Right Out: 597.328 ± 446.684 $\chi^2/\text{NDF}: 0.4/1$

Left In: 376.012 ± 197.531 $\chi^2/\text{NDF}: 9.8/8$

112.580 ± 195.757 $\chi^2/\text{NDF}: 10.0/10$

412.213 ± 180.656 $\chi^2/\text{NDF}: 10.4/10$

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

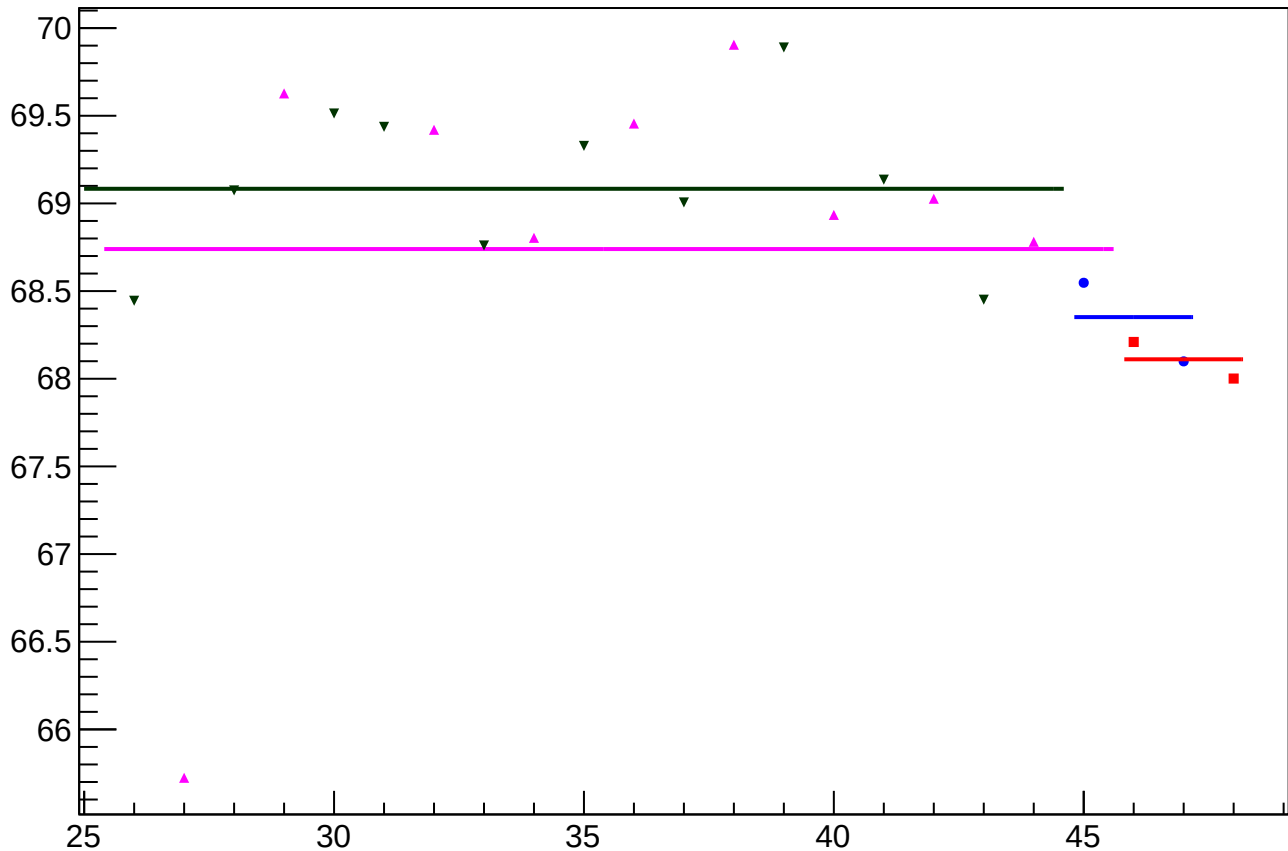
Right Out: 413.376+/-0.316 χ^2/NDF : 14099.3/1

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

471.659+/-0.138 χ^2/NDF : 140909.2/10

457.580+/-0.128 χ^2/NDF : 128004.4/10

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

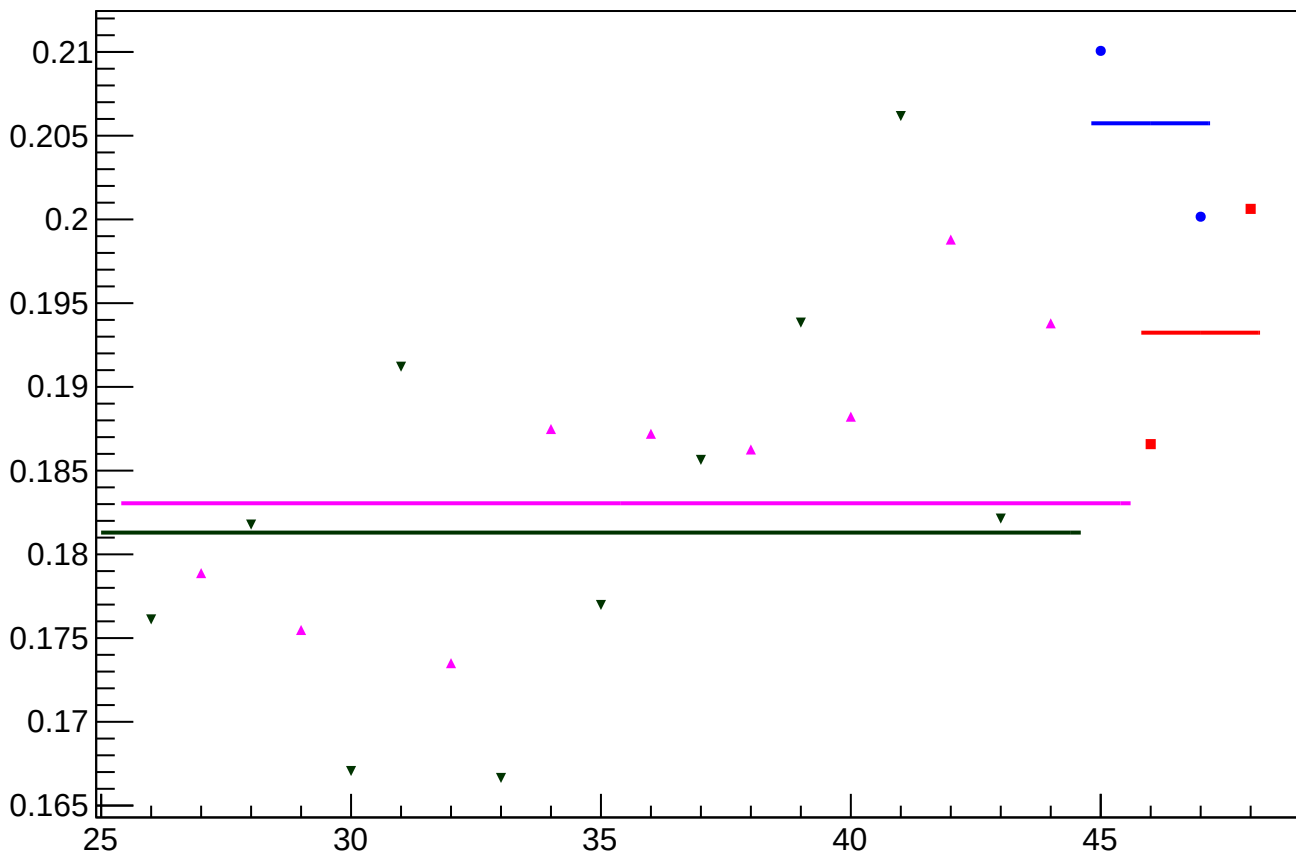
Right Out: 68.111 $\pm$ 0.000 χ^2 /NDF: 240213.0/1

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

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

68.664 $\pm$ 0.000 χ^2 /NDF: 302490969.3/10

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

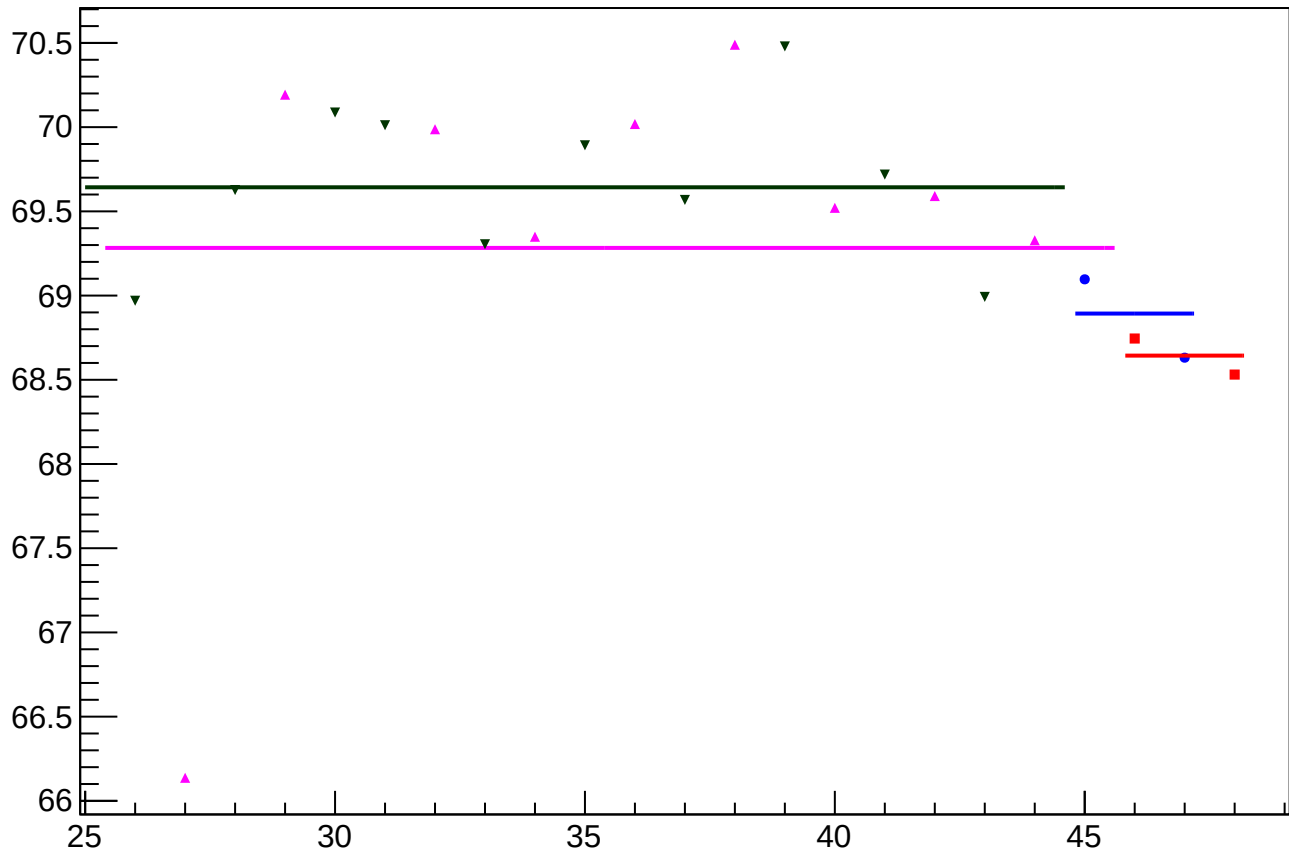
Right Out: 0.193 $\pm$ 0.000 χ^2 /NDF: 2176.6/1

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

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

0.184 $\pm$ 0.000 χ^2 /NDF: 26736.8/10

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

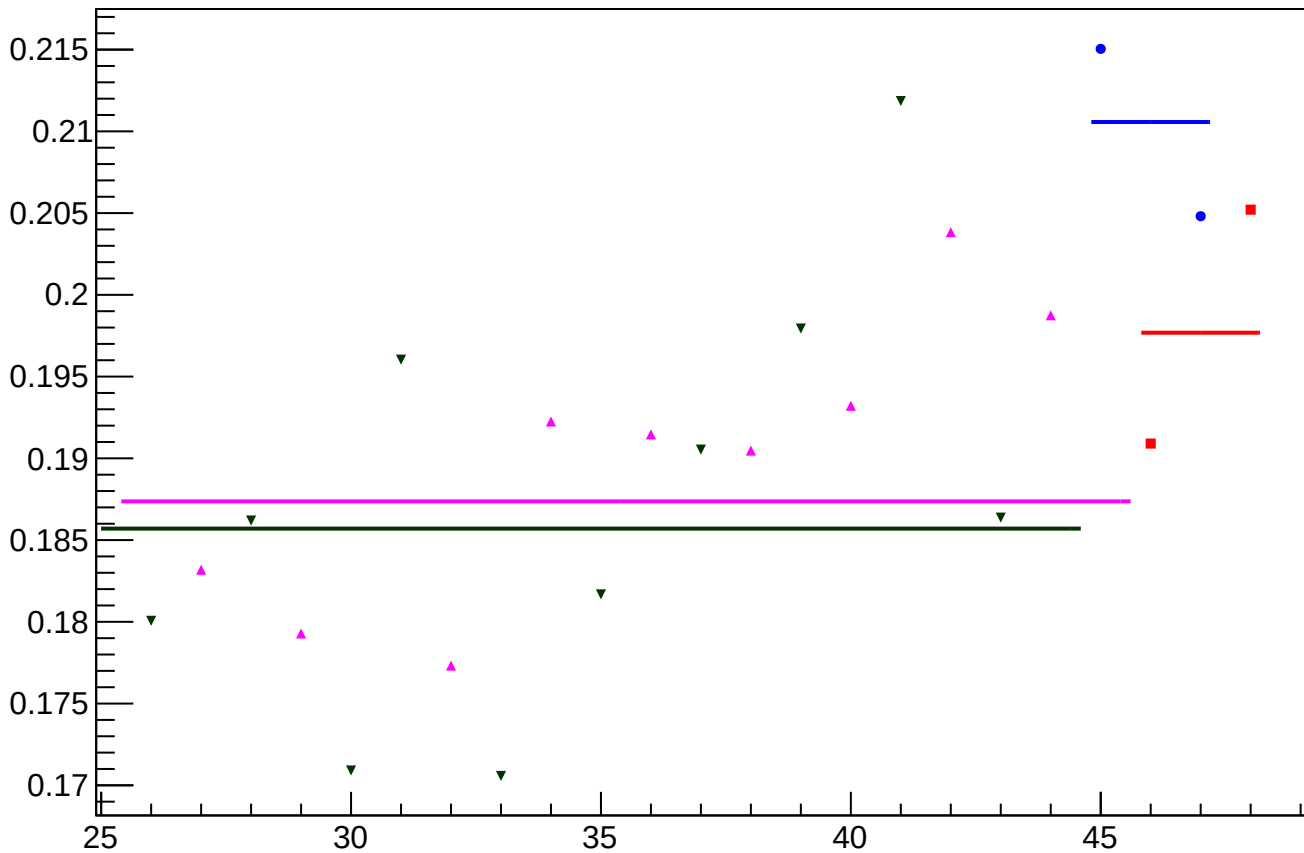
Right Out: 68.644+/-0.000 χ^2/NDF : 241475.9/1

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

69.539+/-0.000 χ^2/NDF : 40425748.1/11

69.206+/-0.000 χ^2/NDF : 312428424.8/10

yield_bcm_an_ds3_rms vs slug



Right In: 0.211 $\pm$ 0.000 χ^2/NDF : 1199.3/1

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

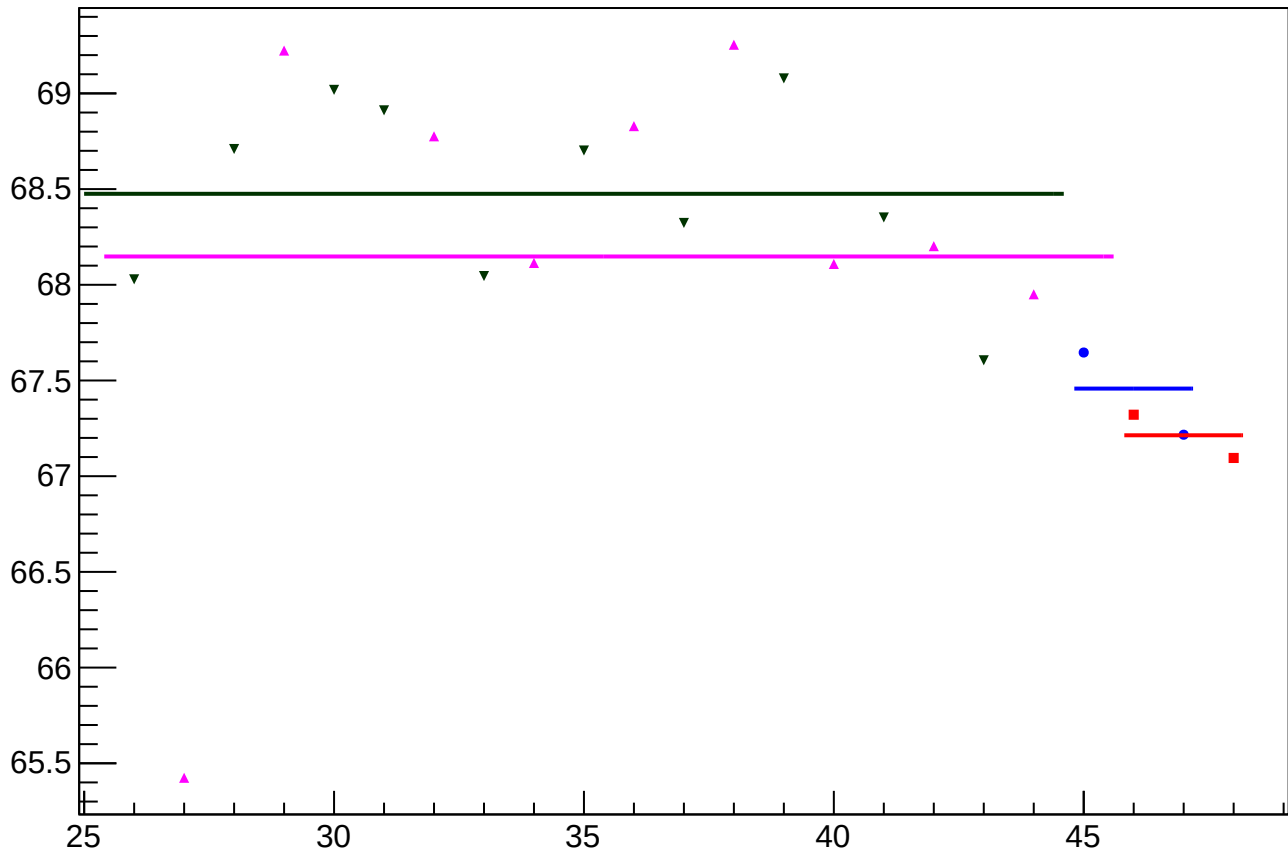
Right Out: 0.198 $\pm$ 0.000 χ^2/NDF : 2157.3/1

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

0.189 $\pm$ 0.000 χ^2/NDF : 65893.1/11

0.189 $\pm$ 0.000 χ^2/NDF : 27819.5/10

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

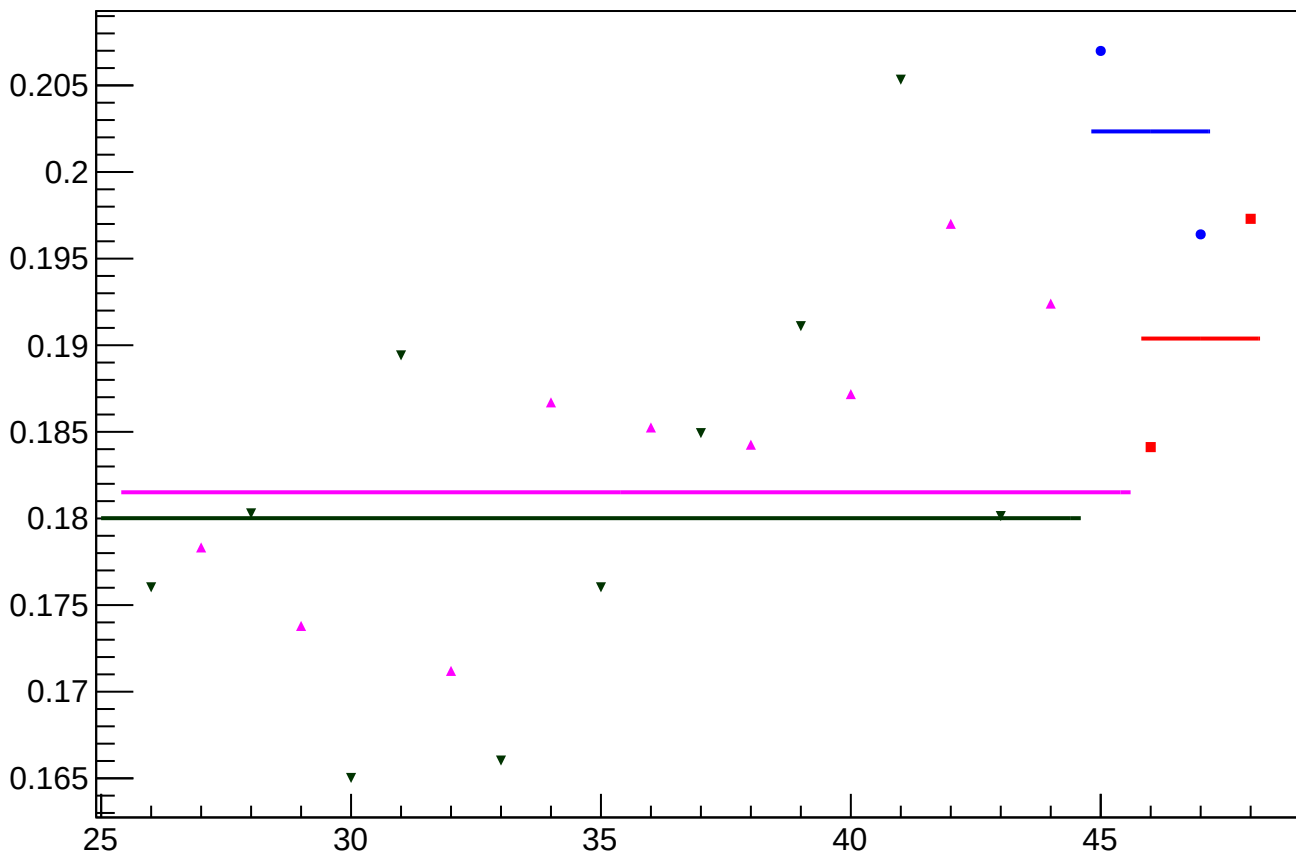
Right Out: 67.214+/-0.000 χ^2/NDF : 290086.3/1

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

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

68.034+/-0.000 χ^2/NDF : 275898153.8/10

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

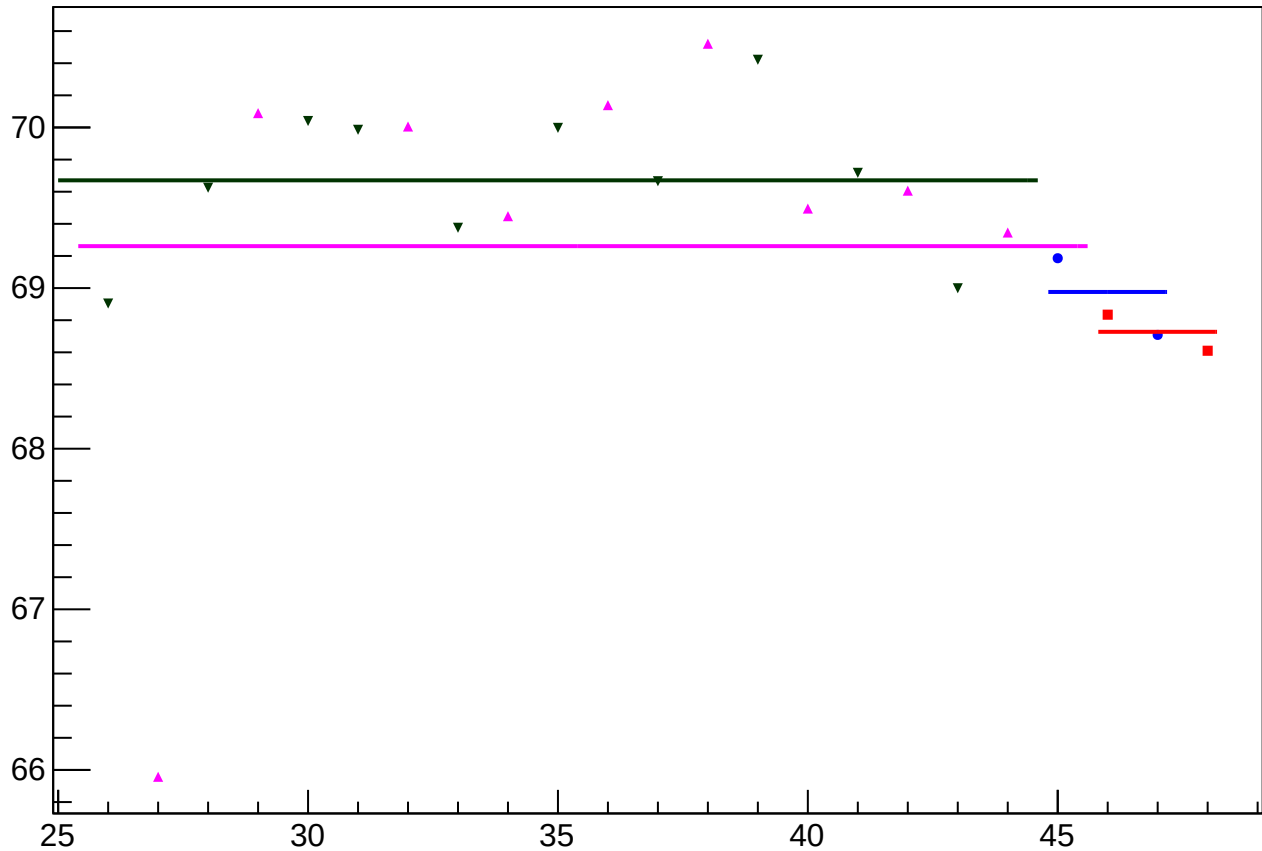
Right Out: 0.190 $\pm$ 0.000 χ^2 /NDF: 1973.4/1

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

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

0.183 $\pm$ 0.000 χ^2 /NDF: 26744.4/10

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

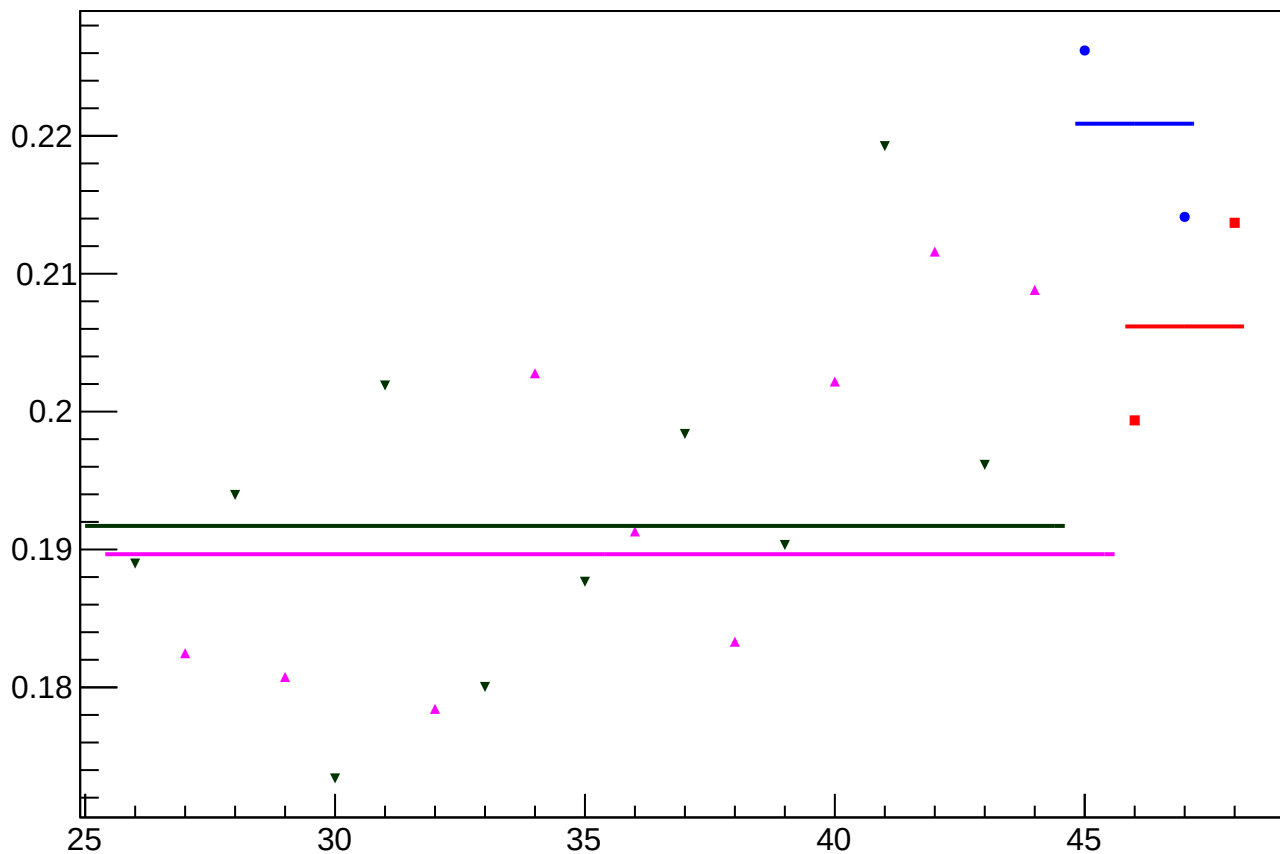
69.577+/-0.000 χ^2/NDF : 36266488.2/11

Right Out: 68.728+/-0.000 χ^2/NDF : 244289.9/1

69.200+/-0.000 χ^2/NDF : 339240855.7/10

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

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

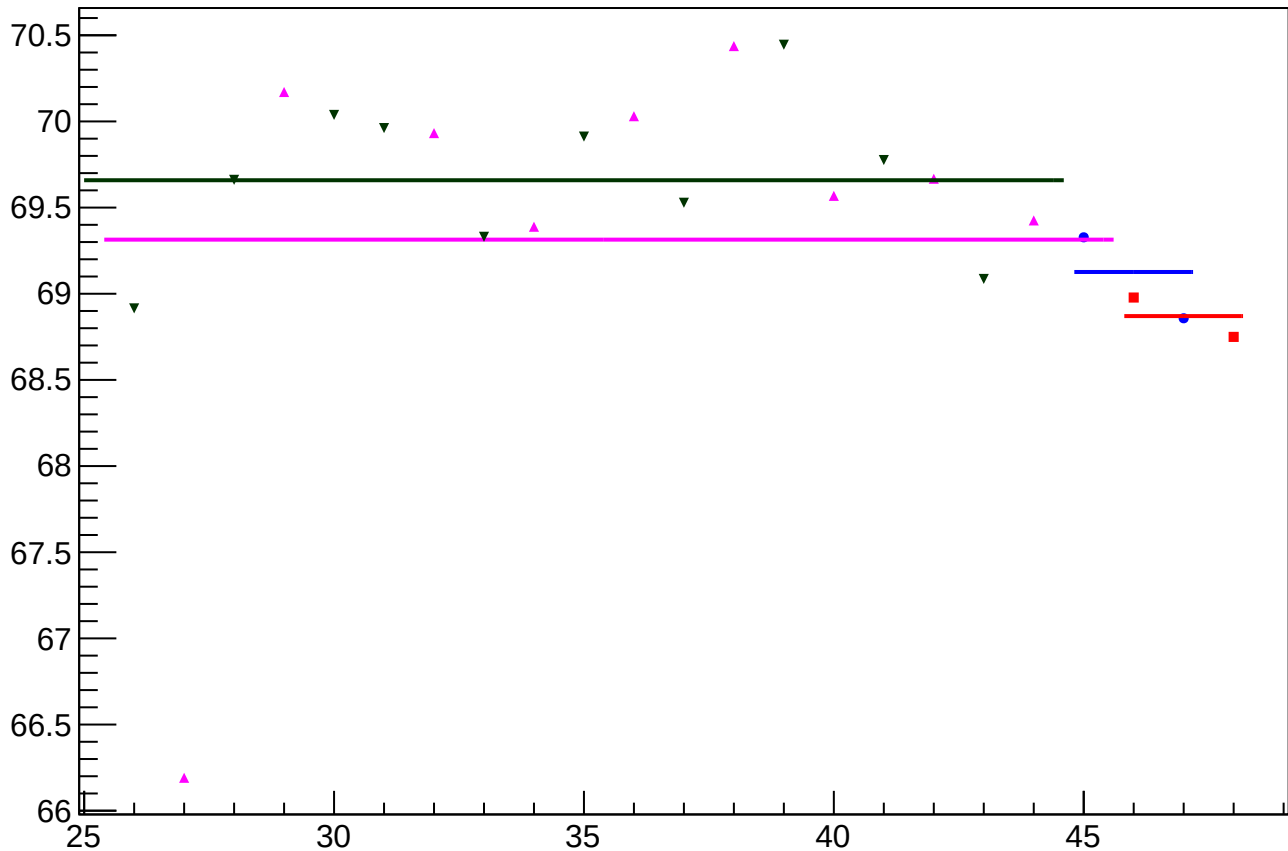
Right Out: 0.206+/-0.000 χ^2/NDF : 1989.5/1

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

0.196+/-0.000 χ^2/NDF : 70253.8/11

0.192+/-0.000 χ^2/NDF : 52940.9/10

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

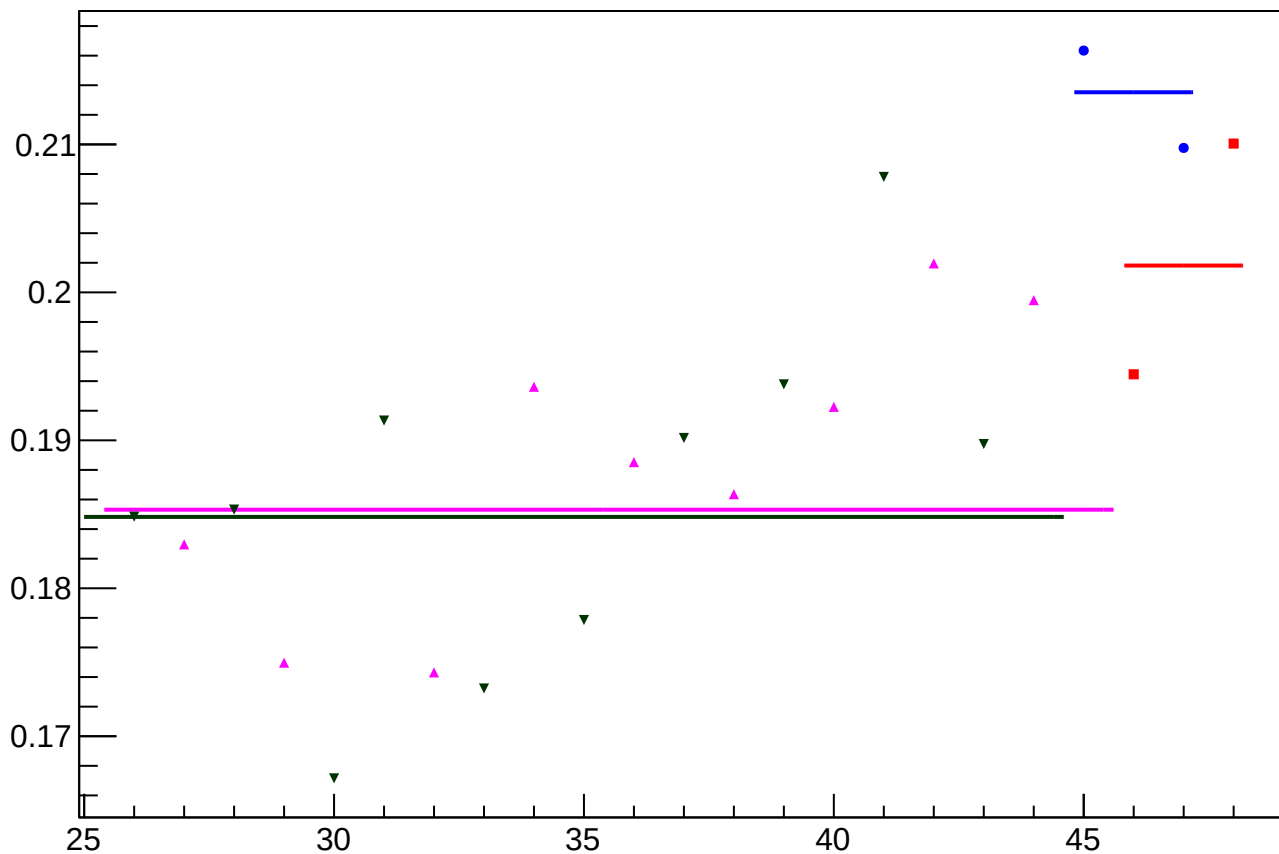
69.588+/-0.000 χ^2/NDF : 32717432.9/11

Right Out: 68.870+/-0.000 χ^2/NDF : 263661.5/1

69.263+/-0.000 χ^2/NDF : 298906338.3/10

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

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

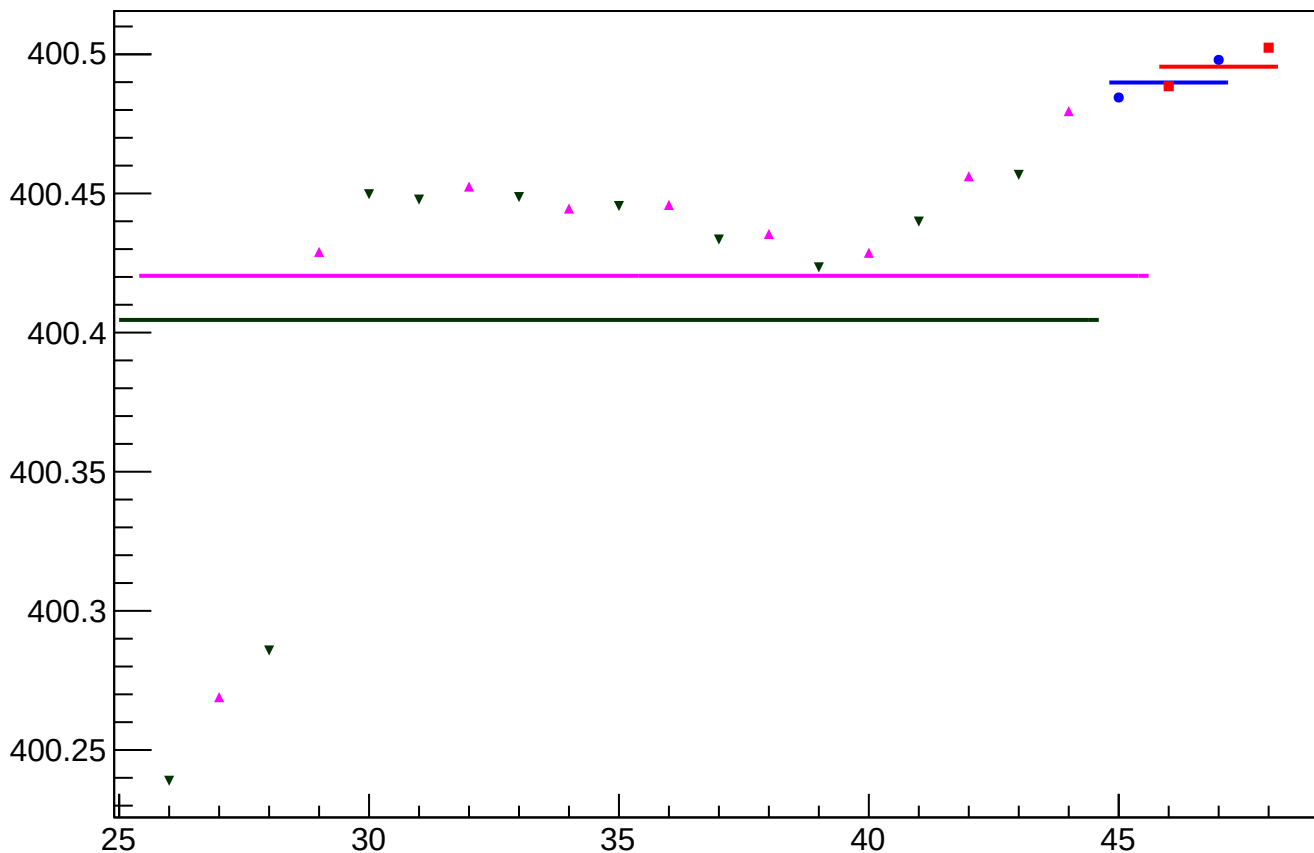
0.189+/-0.000 χ^2/NDF : 68003.6/11

Right Out: 0.202+/-0.000 χ^2/NDF : 2458.3/1

0.187+/-0.000 χ^2/NDF : 40245.4/10

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

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

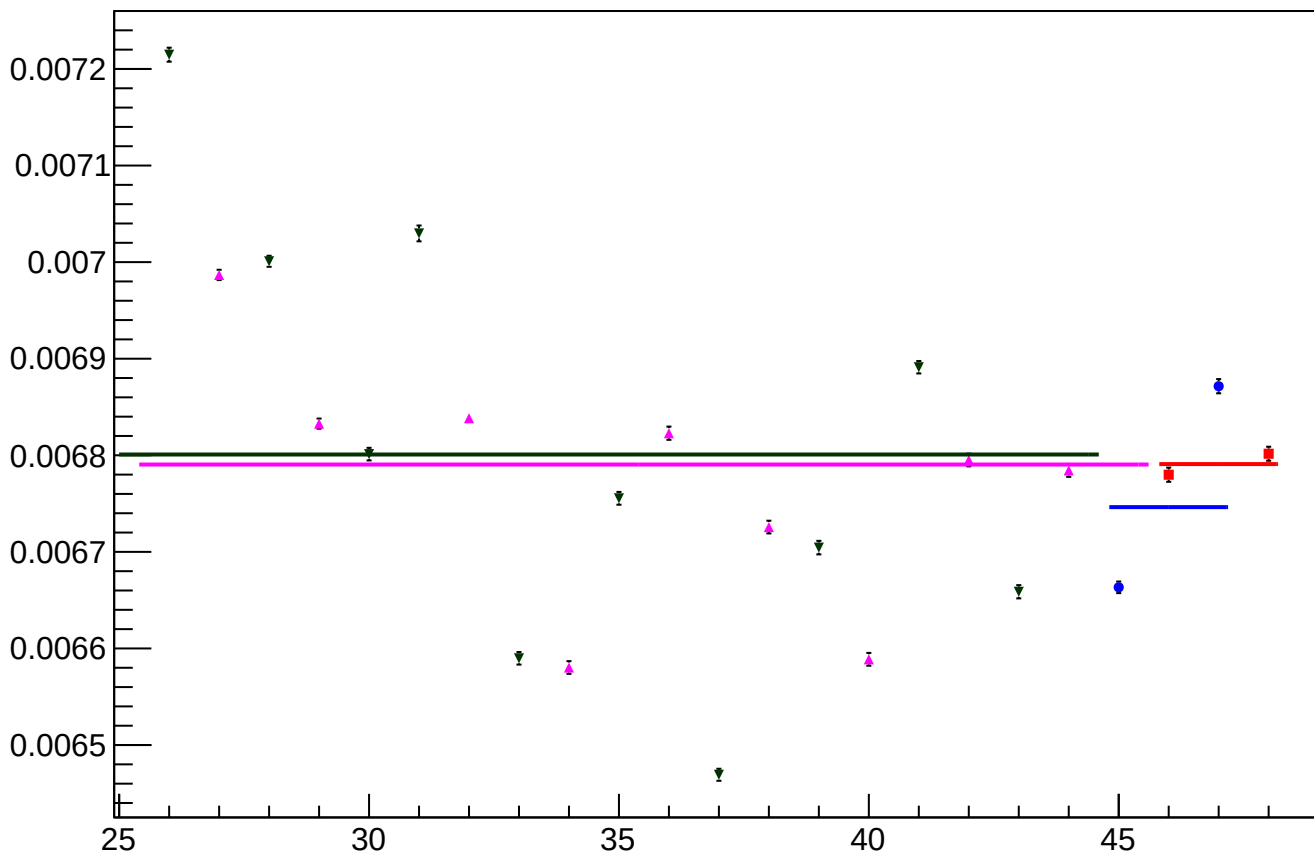
Right Out: 400.496+/-0.000 χ^2/NDF : 896411.7/1

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

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

400.430+/-0.000 χ^2/NDF : 586390165.6/10

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

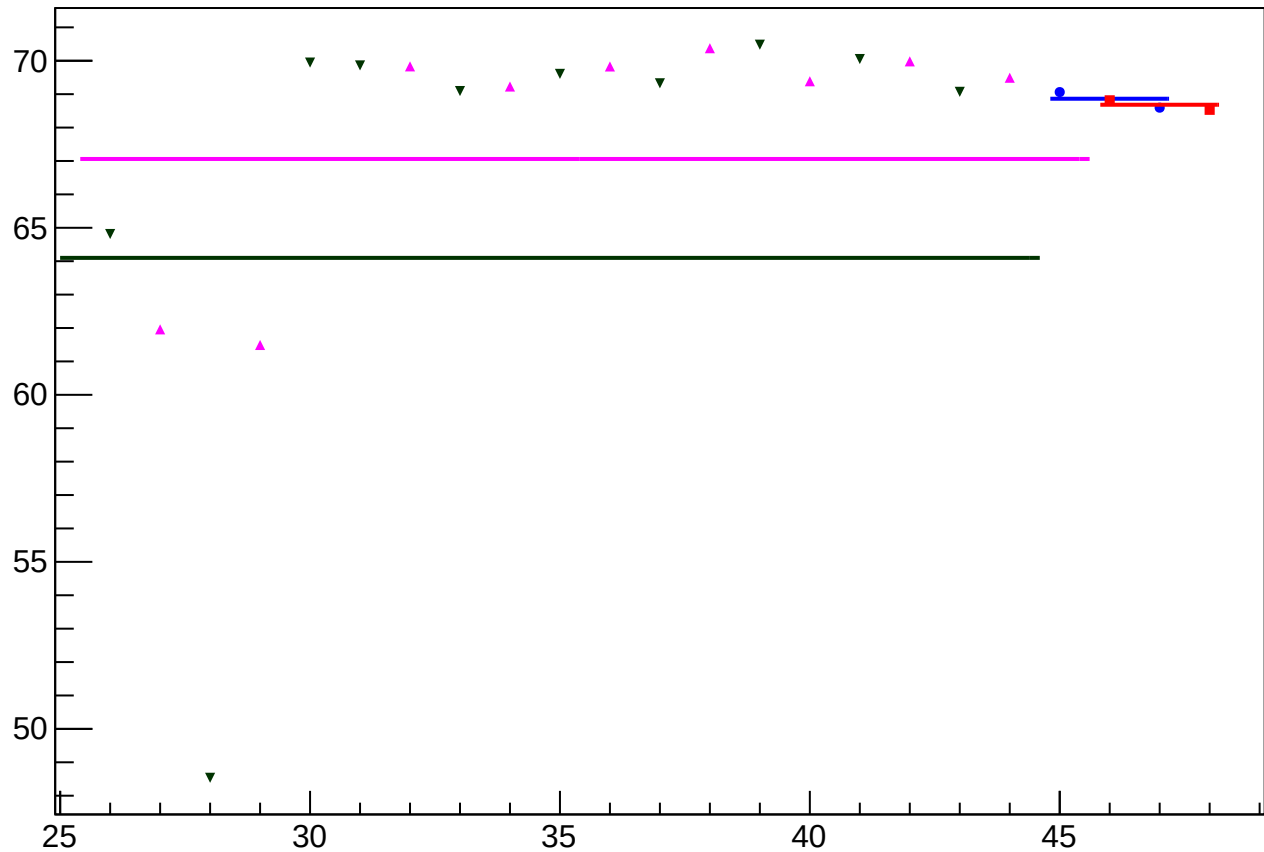
Right Out: 0.007+/-0.000 χ^2/NDF : 4.4/1

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 : 3573.4/10

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

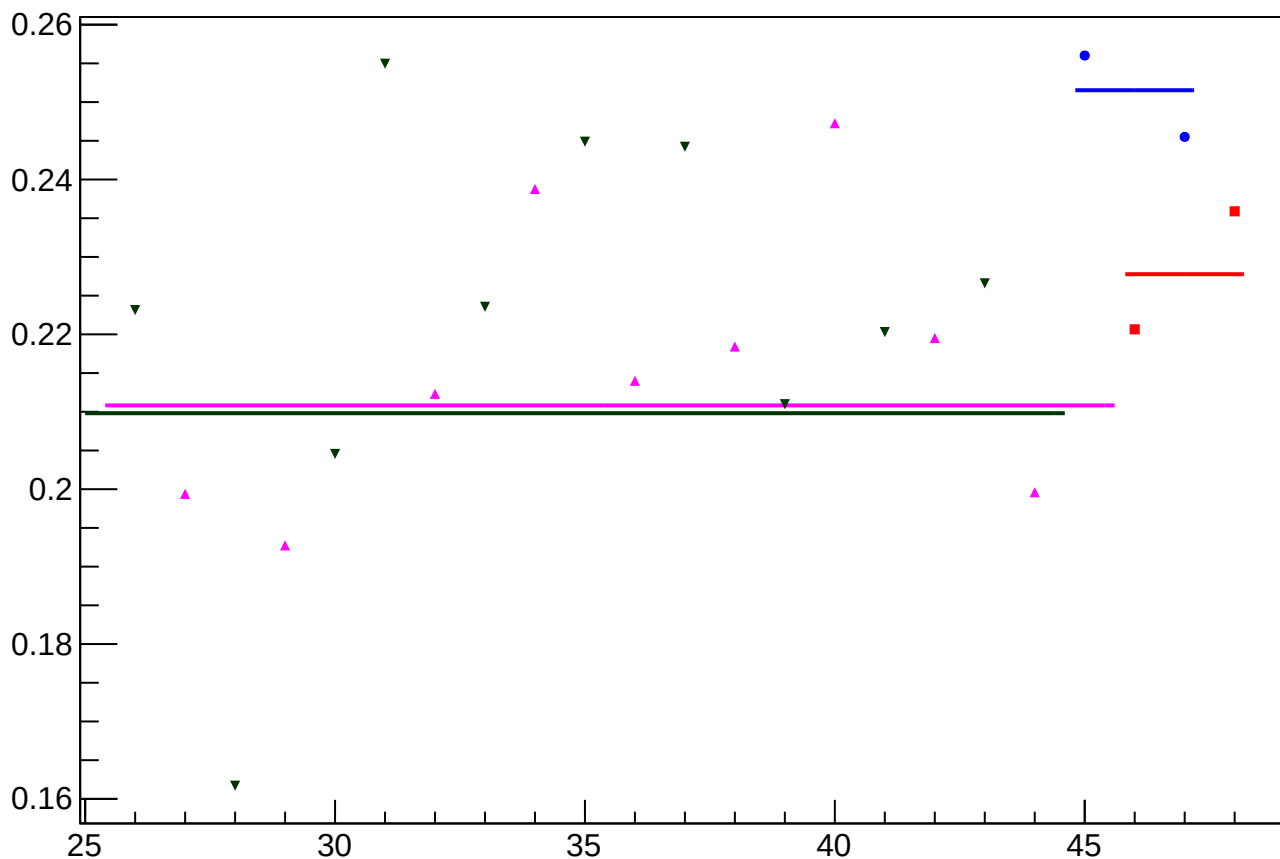
Right Out: 68.683+/-0.000 χ^2/NDF : 302058.7/1

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

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

67.249+/-0.000 χ^2/NDF : 1688227568.5/10

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

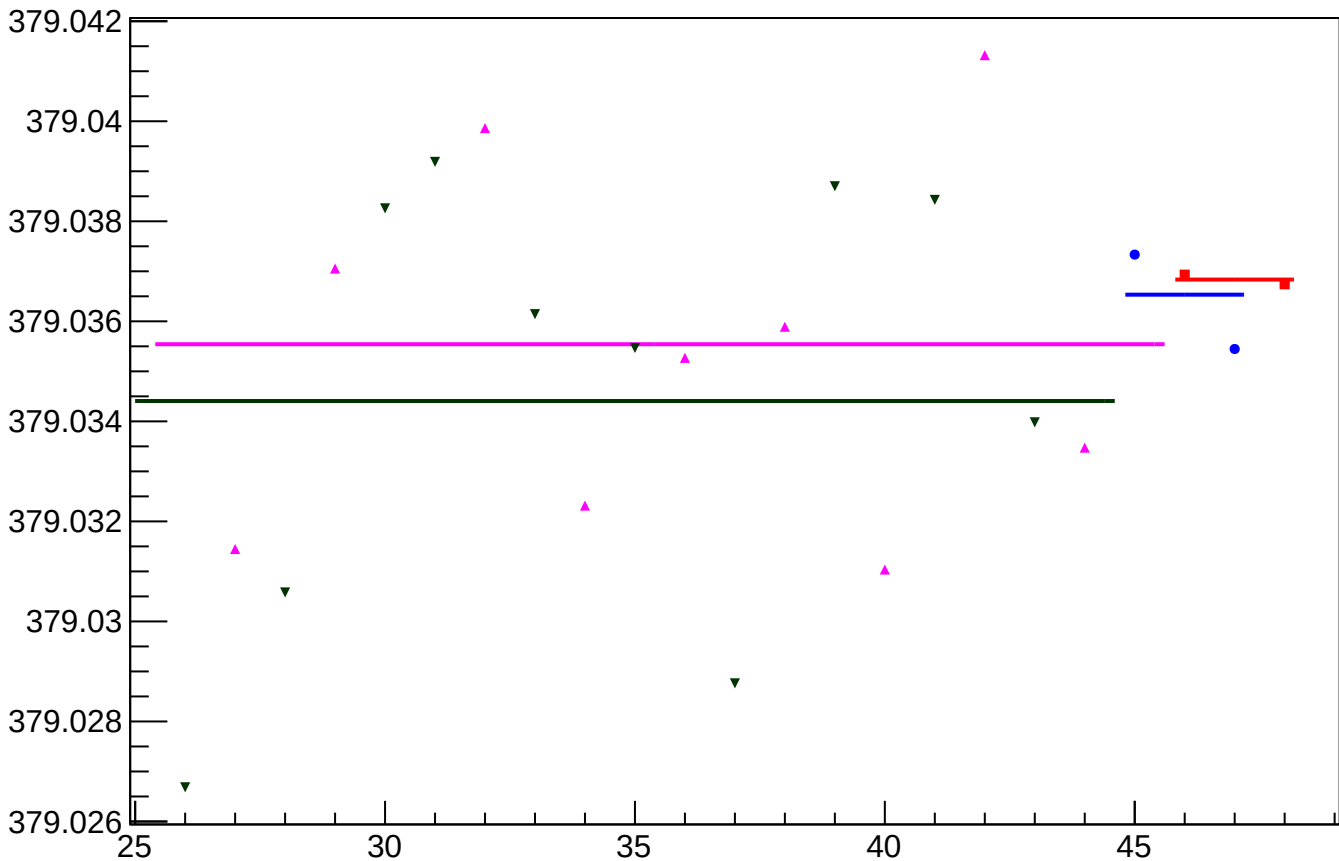
Right Out: 0.228+/-0.000 χ^2/NDF : 1736.3/1

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

0.215+/-0.000 χ^2/NDF : 241232.3/11

0.213+/-0.000 χ^2/NDF : 64778.5/10

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

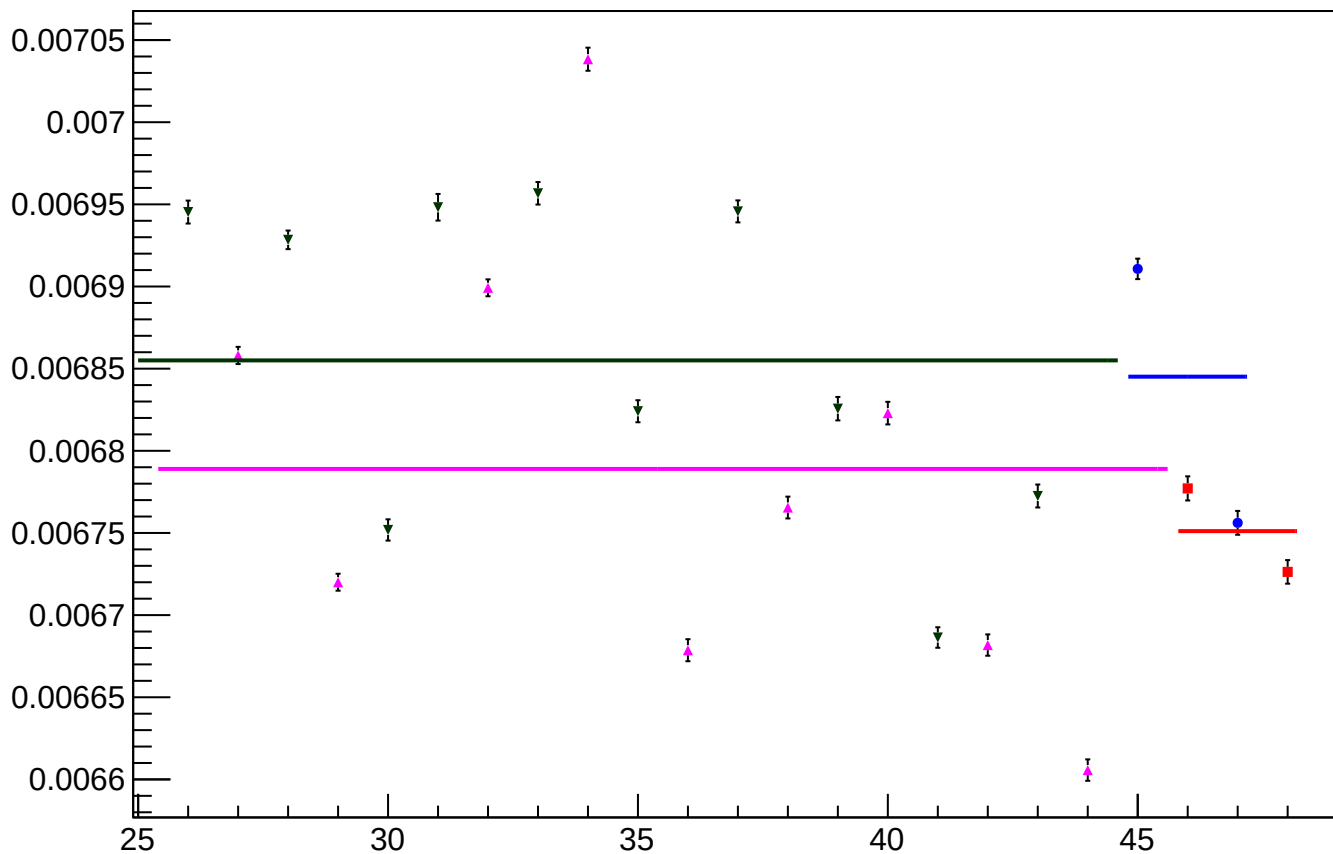
379.035 $\pm$ 0.000 χ^2 /NDF: 2084202.7/11

Right Out: 379.037 $\pm$ 0.000 χ^2 /NDF: 174.0/1

379.036 $\pm$ 0.000 χ^2 /NDF: 1496707.8/10

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

yield_cav4dQ_rms vs slug



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

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

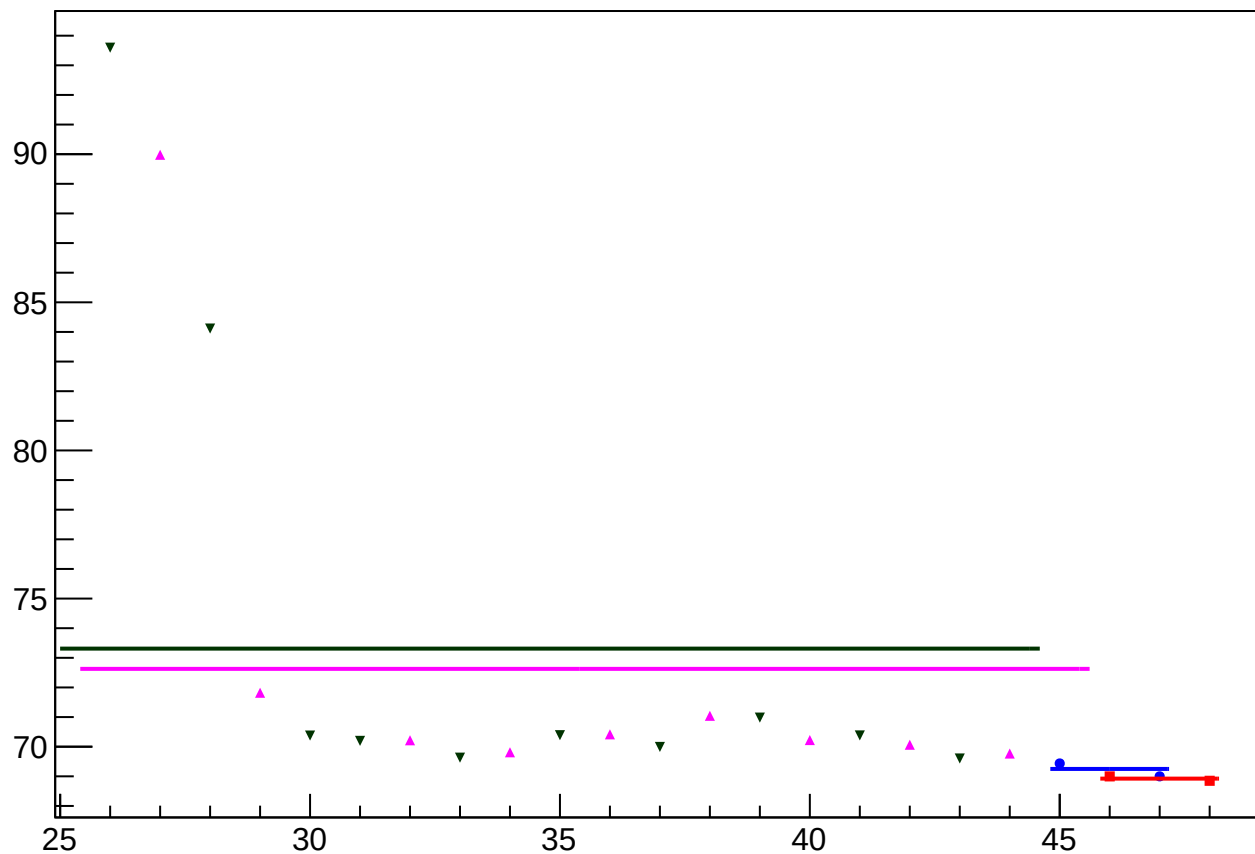
Right Out: 0.007+/-0.000 χ^2/NDF : 24.5/1

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 : 3511.1/10

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

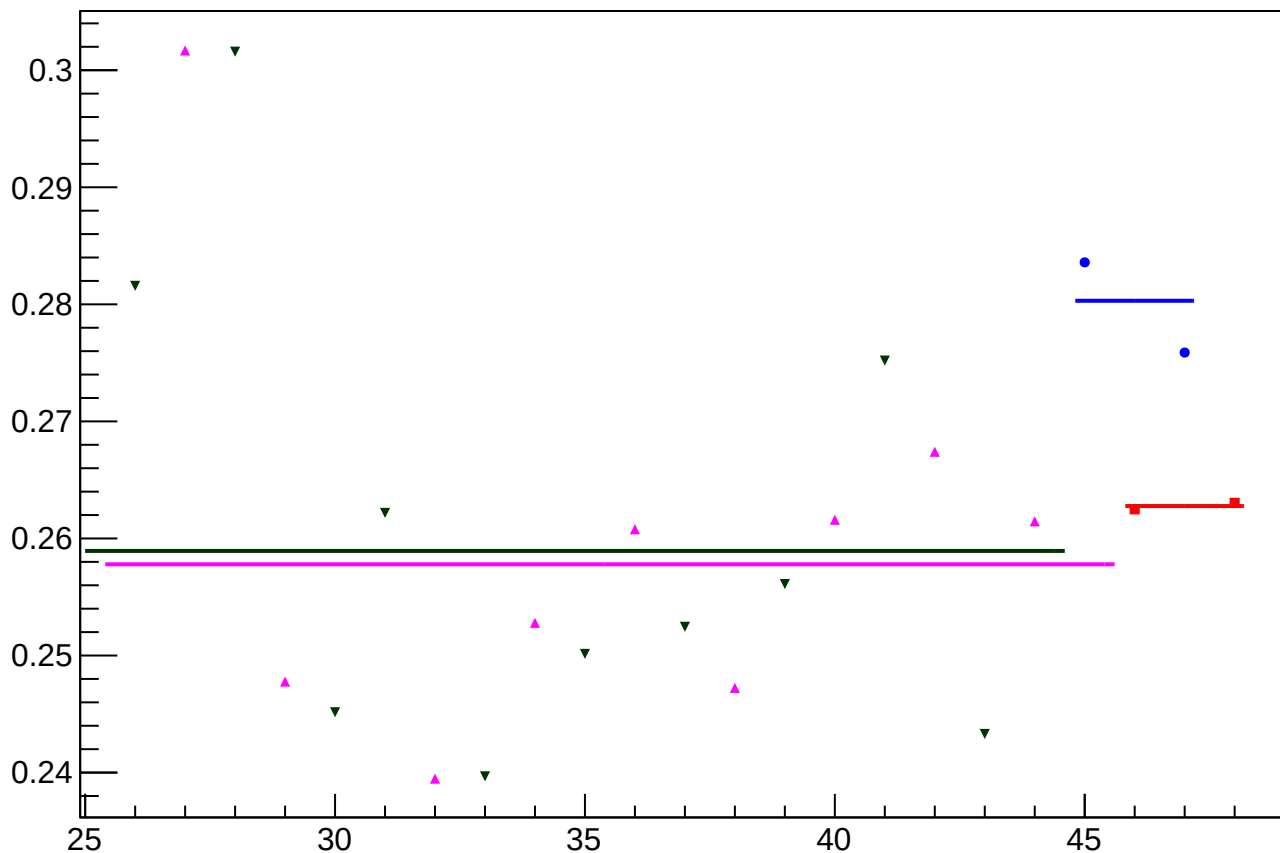
Right Out: 68.923+/-0.000 χ^2/NDF : 64534.1/1

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

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

72.148+/-0.000 χ^2/NDF : 3069315644.0/10

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

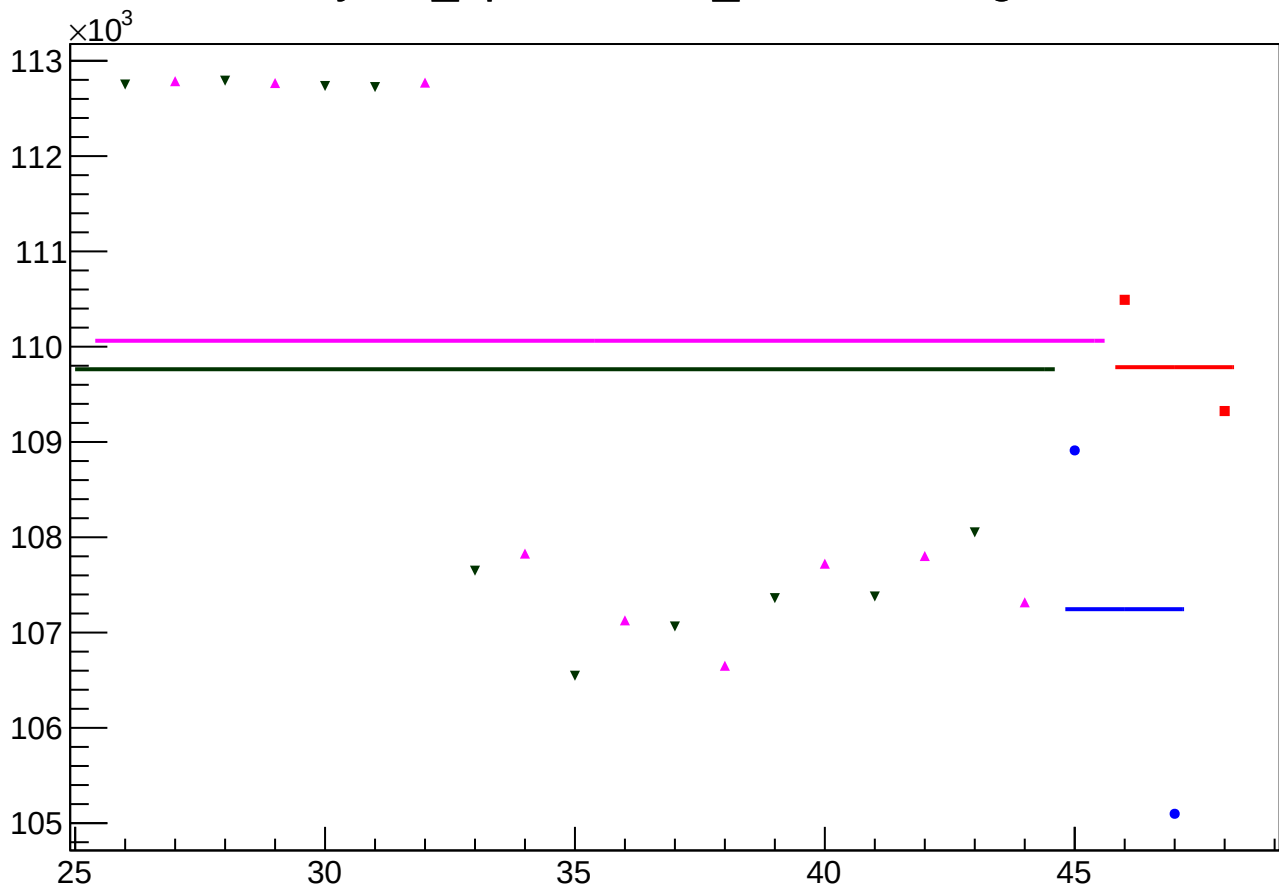
Right Out: 0.263+/-0.000 χ^2/NDF : 1.8/1

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 : 49730.3/10

yield_bpm2i01WS_mean vs slug



Right In: 107245.335 $\pm$ 0.150 χ^2 /NDF: 159790349.5/1

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

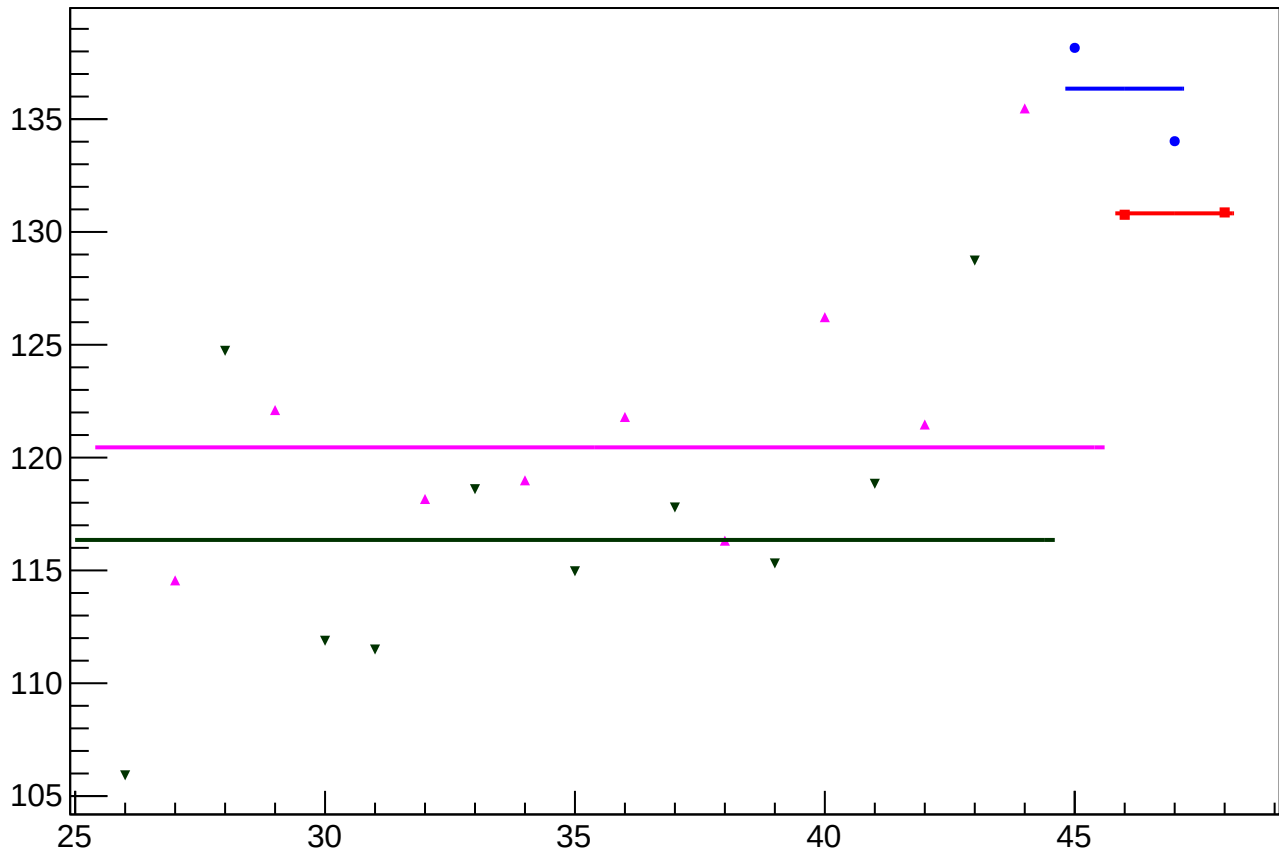
Right Out: 109784.952 $\pm$ 0.157 χ^2 /NDF: 13209222.3/1

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

109474.938 $\pm$ 0.051 χ^2 /NDF: 2996095026.0/11

110033.585 $\pm$ 0.050 χ^2 /NDF: 2605935617.6/10

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

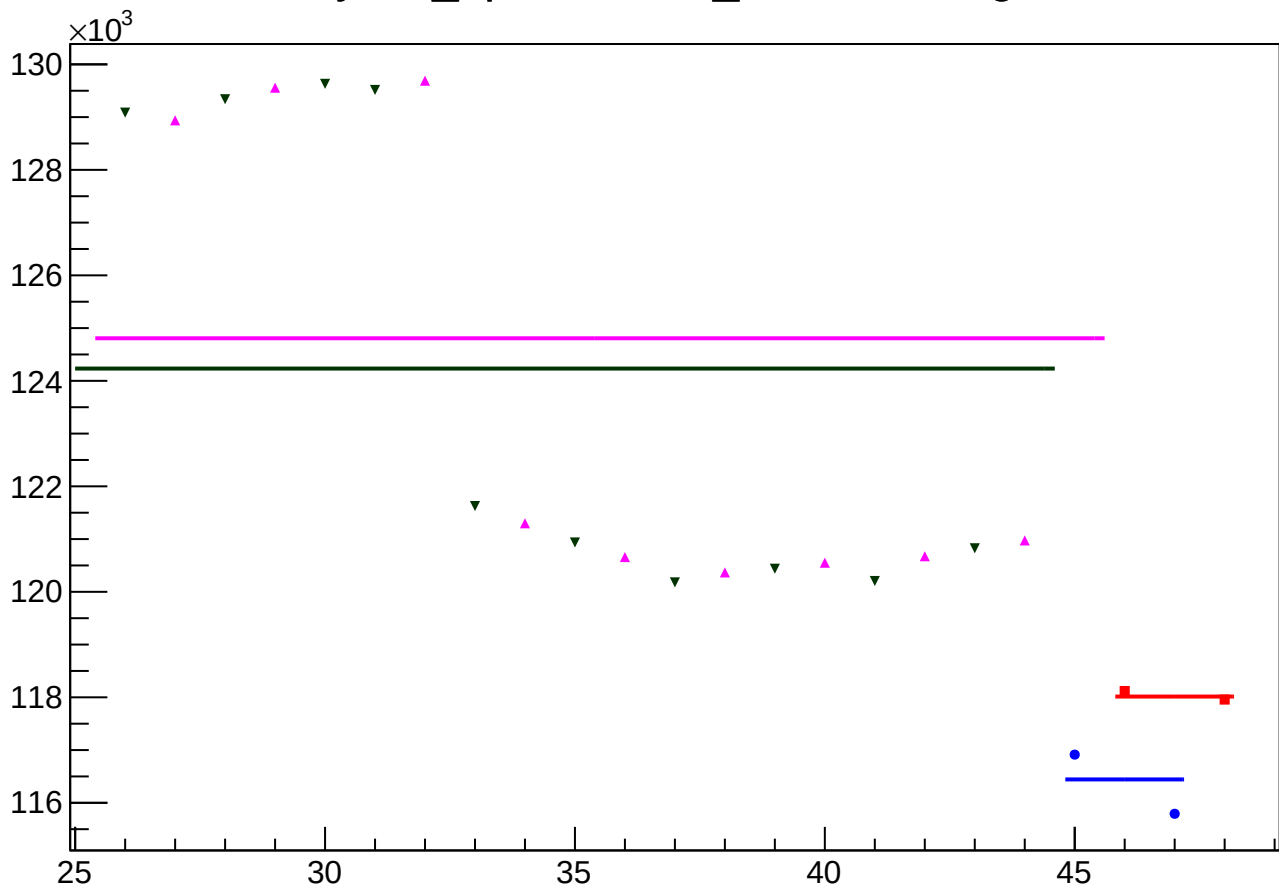
118.641 $\pm$ 0.036 χ^2 /NDF: 58862.0/11

Right Out: 130.824 $\pm$ 0.111 χ^2 /NDF: 0.2/1

121.525 $\pm$ 0.036 χ^2 /NDF: 26926.4/10

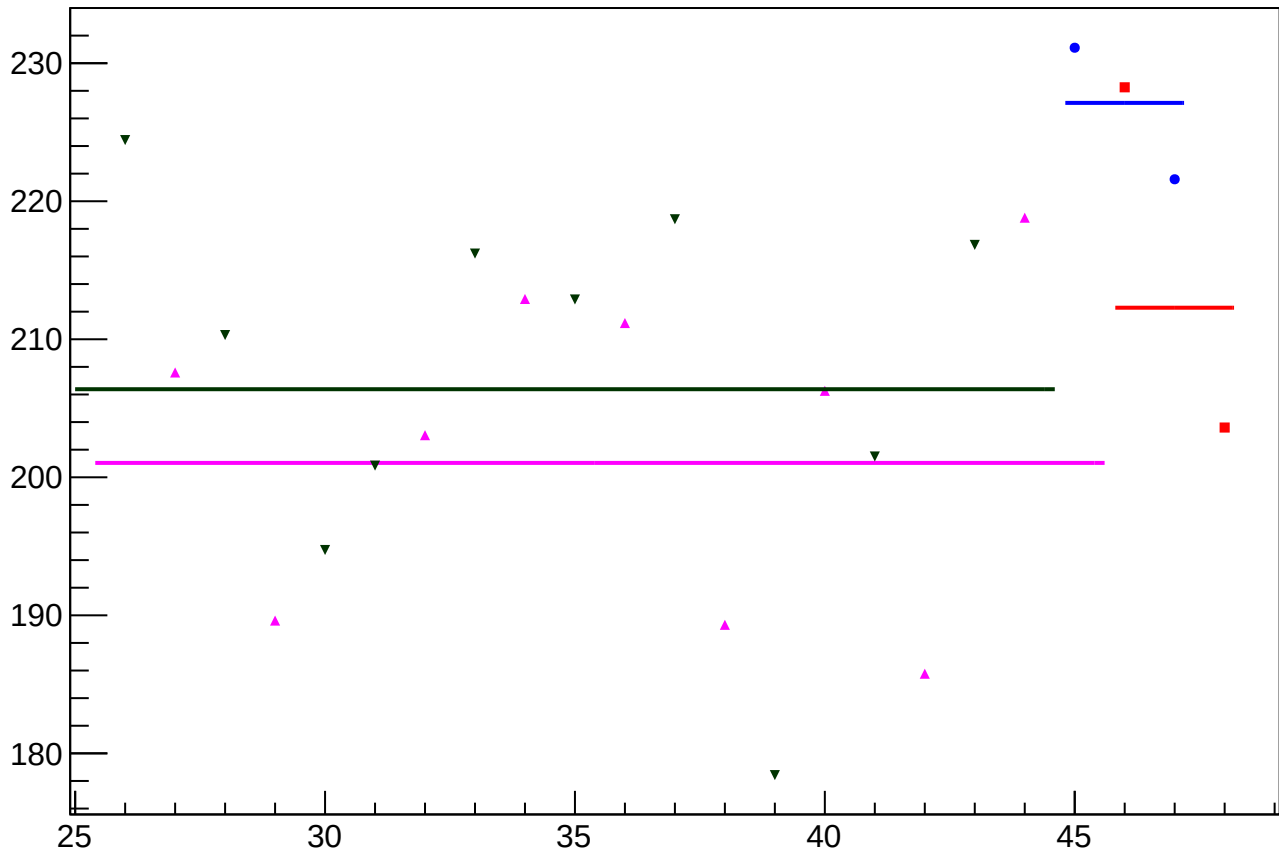
Left In: 120.454 $\pm$ 0.038 χ^2 /NDF: 19093.6/8

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: 118014.599 $\pm$ 0.252 χ^2/NDF : 94189.5/1
 Left In: 124806.973 $\pm$ 0.085 χ^2/NDF : 2610337744.8/8

yield_bpm0i07WS_rms vs slug



Right In: 227.125 ± 0.169 χ^2/NDF : 776.4/1

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

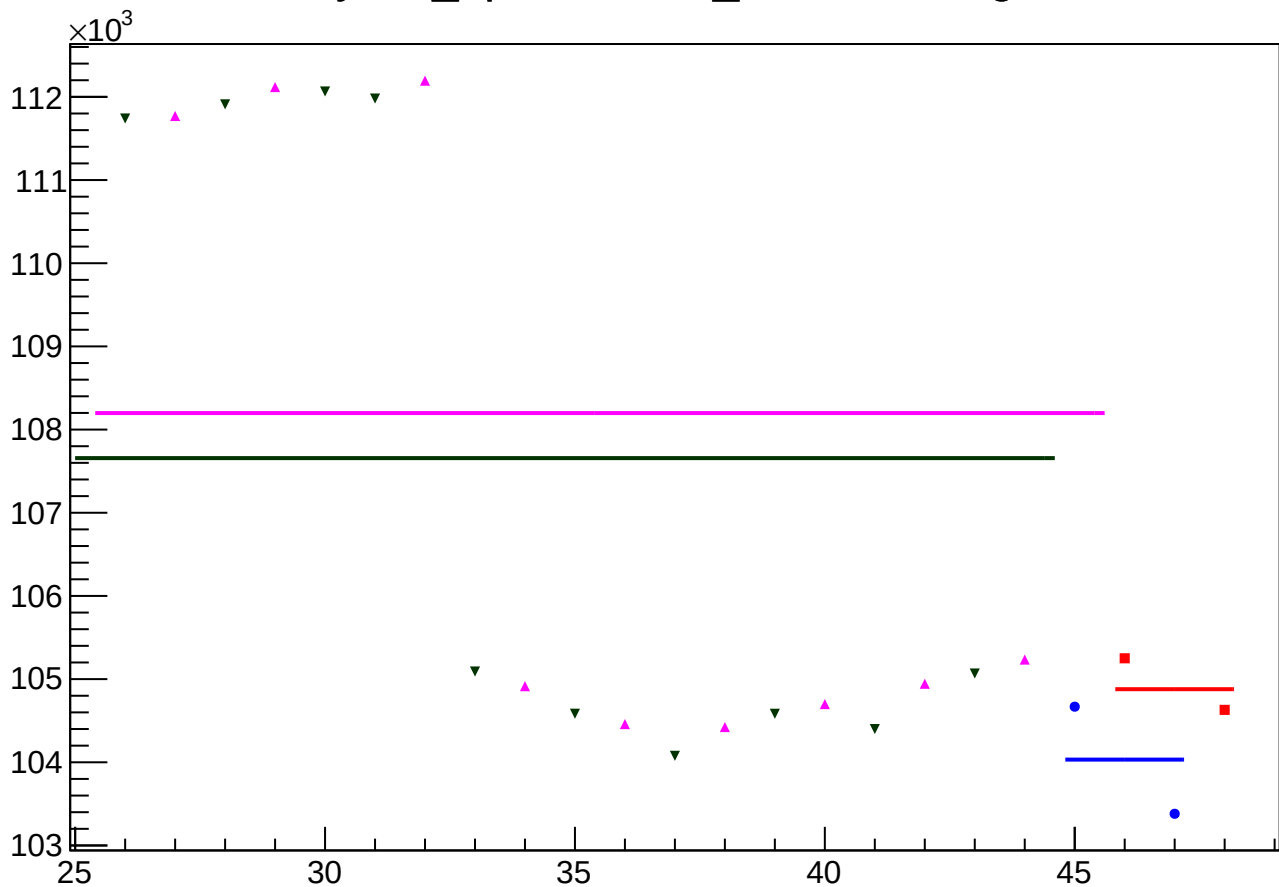
Right Out: 212.287 ± 0.178 χ^2/NDF : 4380.0/1

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

209.049 ± 0.061 χ^2/NDF : 55127.2/11

202.195 ± 0.057 χ^2/NDF : 39578.8/10

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

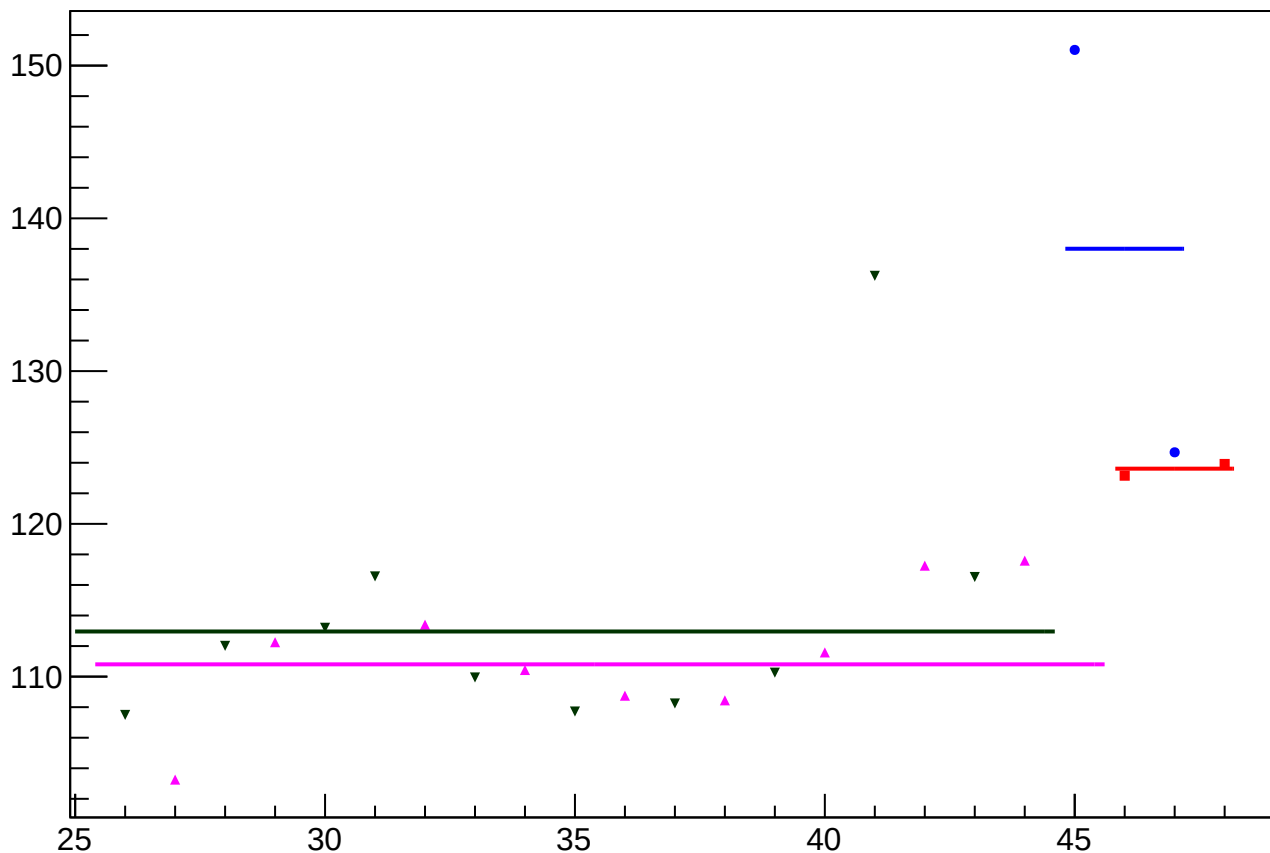
Right Out: 104878.852+/-0.147 χ^2/NDF : 4269669.5/1

Left In: 108198.580+/-0.047 χ^2/NDF : 5989856583.8/8

107276.849+/-0.048 χ^2/NDF : 5697988554.9/1

107892.199+/-0.045 χ^2/NDF : 6456772205.5/10

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

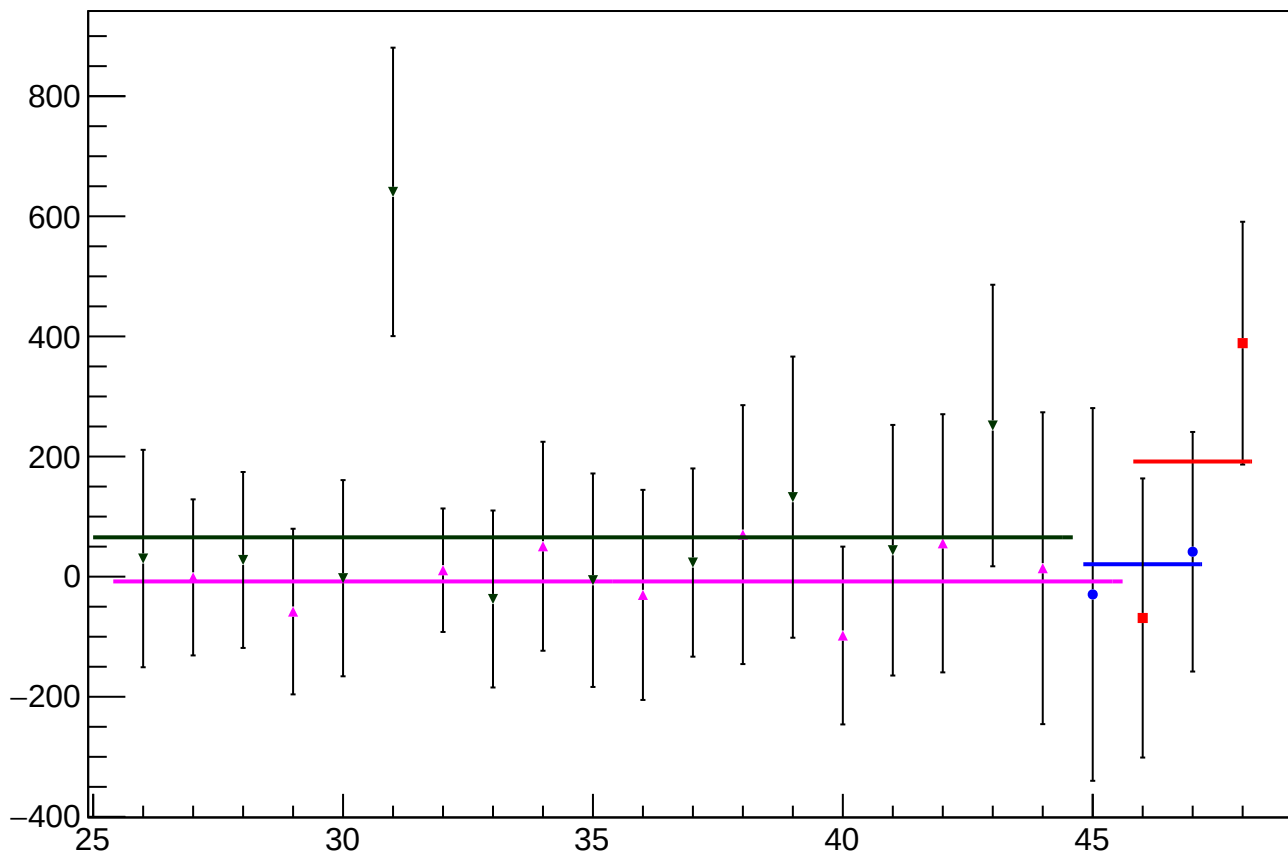
Right Out: 123.613 ± 0.104 χ^2/NDF : 13.0/1

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

115.582 ± 0.034 χ^2/NDF : 111003.9/11

111.986 ± 0.032 χ^2/NDF : 31329.9/10

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

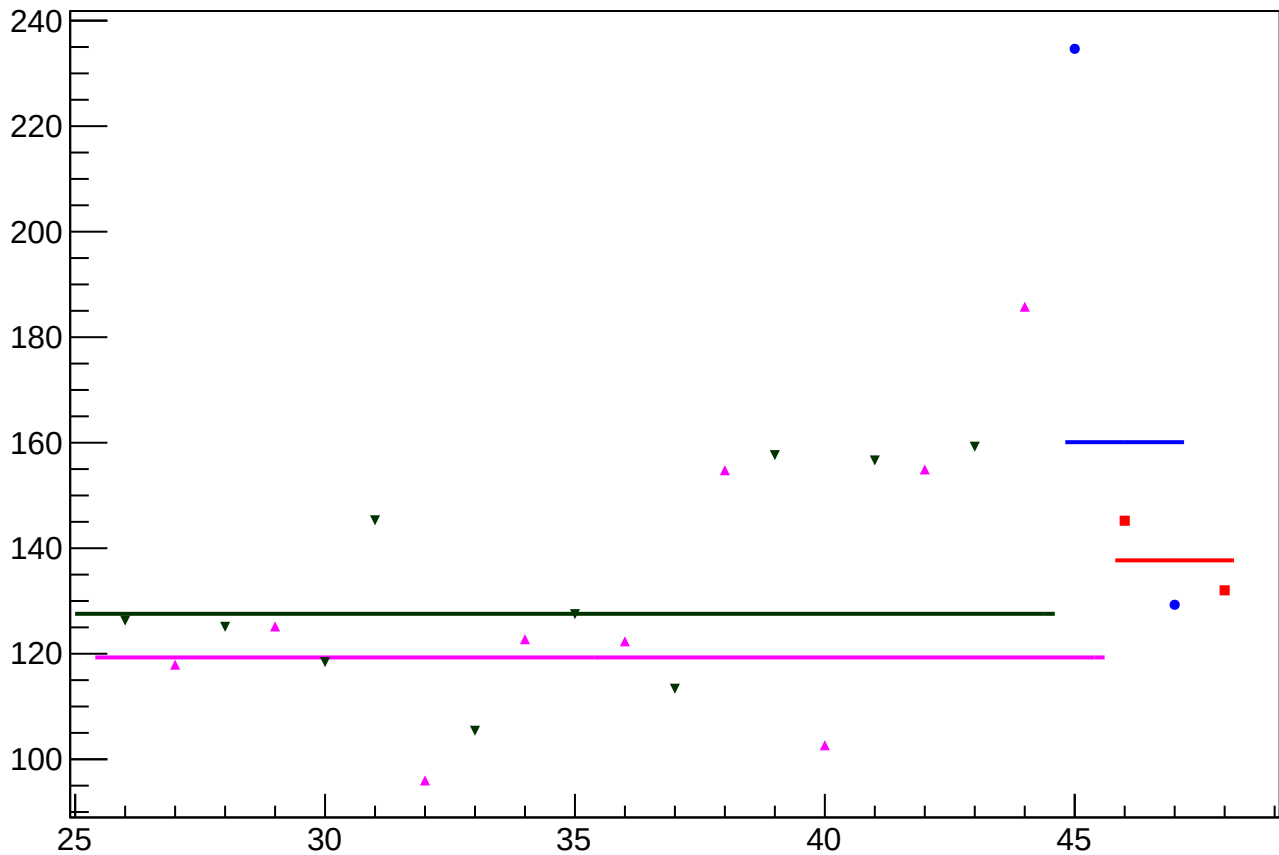
Right Out: 191.716+/-152.498 χ^2/NDF : 2.2/1

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

60.876+/-53.810 χ^2/NDF : 7.6/11

12.536+/-48.864 χ^2/NDF : 4.6/10

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

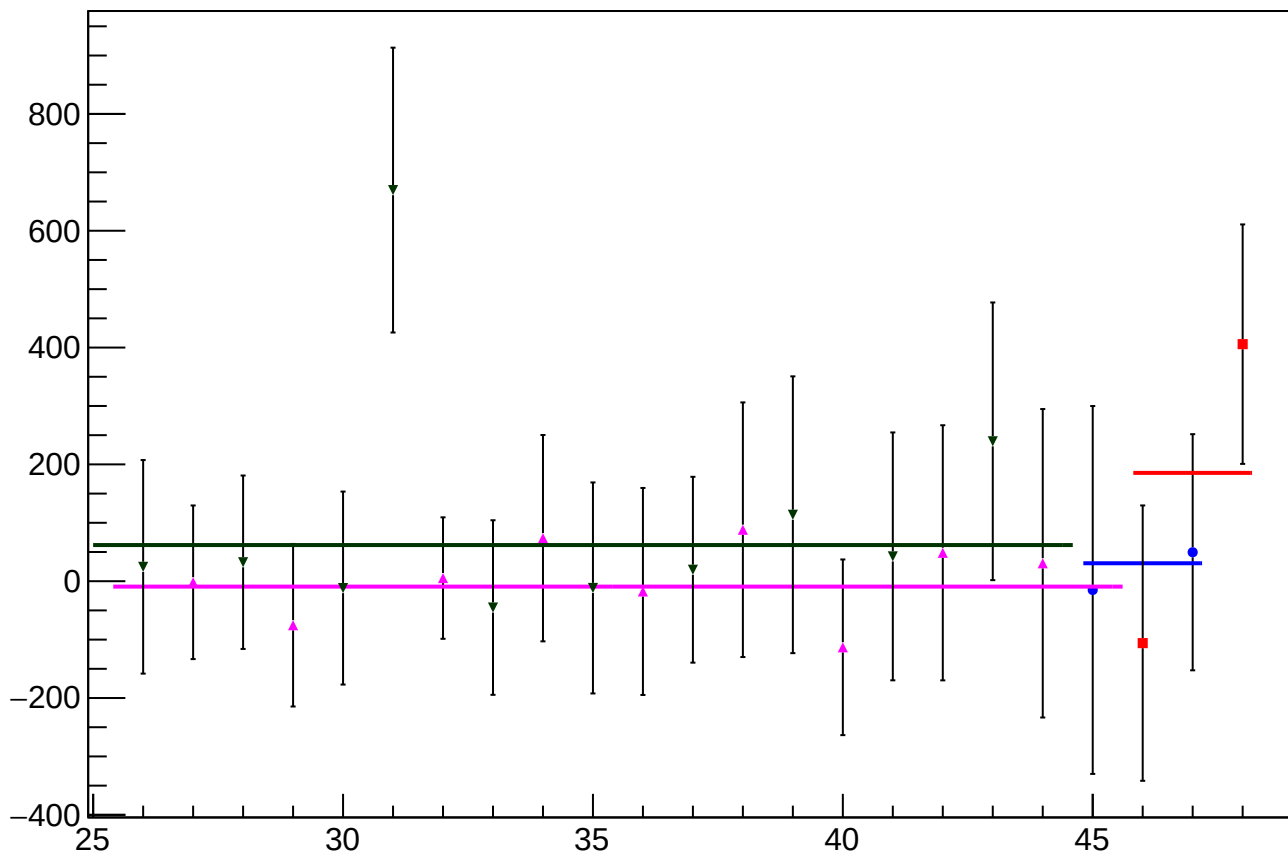
Right Out: 137.702 $\pm$ 0.108 χ^2 /NDF: 3670.6/1

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

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

121.188 $\pm$ 0.035 χ^2 /NDF: 403518.9/10

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

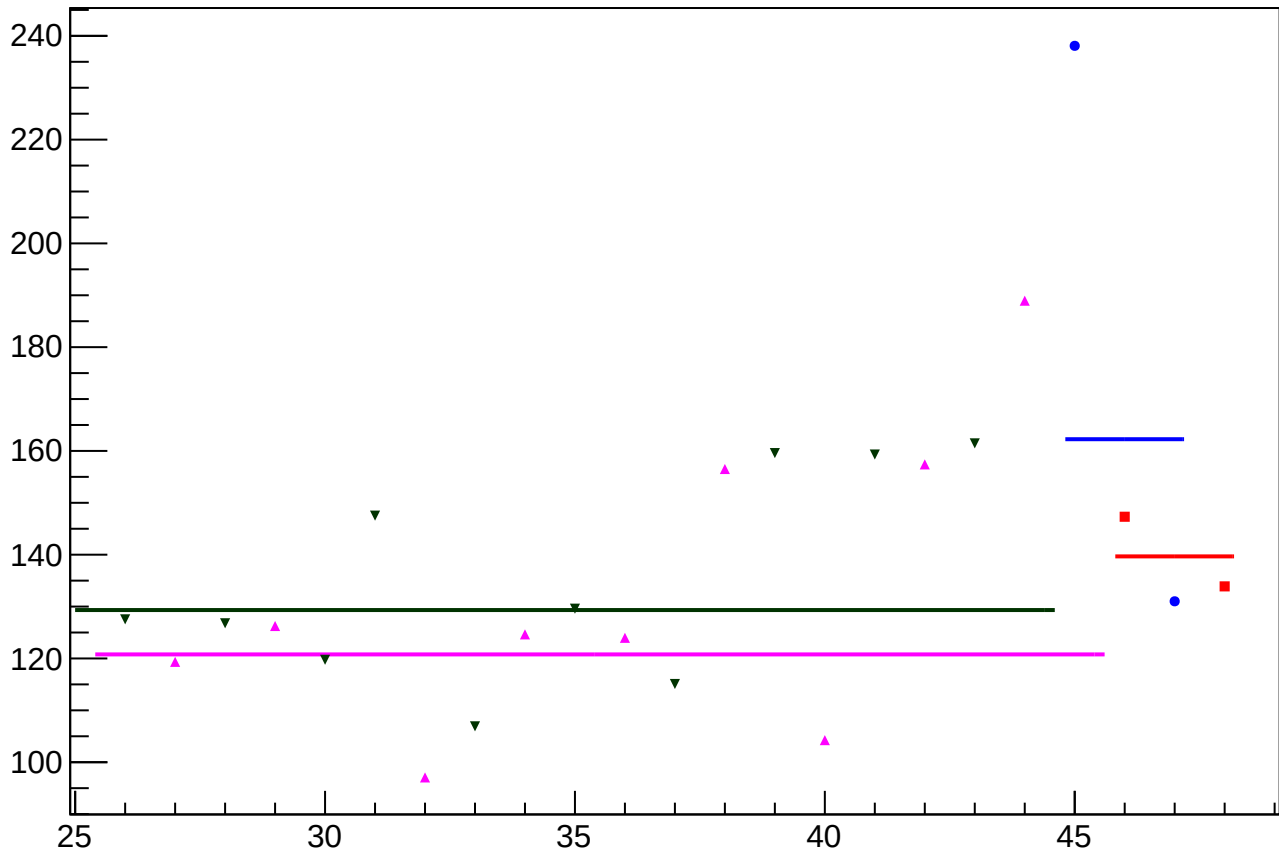
Right Out: 185.431+/-154.677 χ^2/NDF : 2.7/1

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

58.682+/-54.557 χ^2/NDF : 7.9/11

10.670+/-49.494 χ^2/NDF : 5.3/10

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

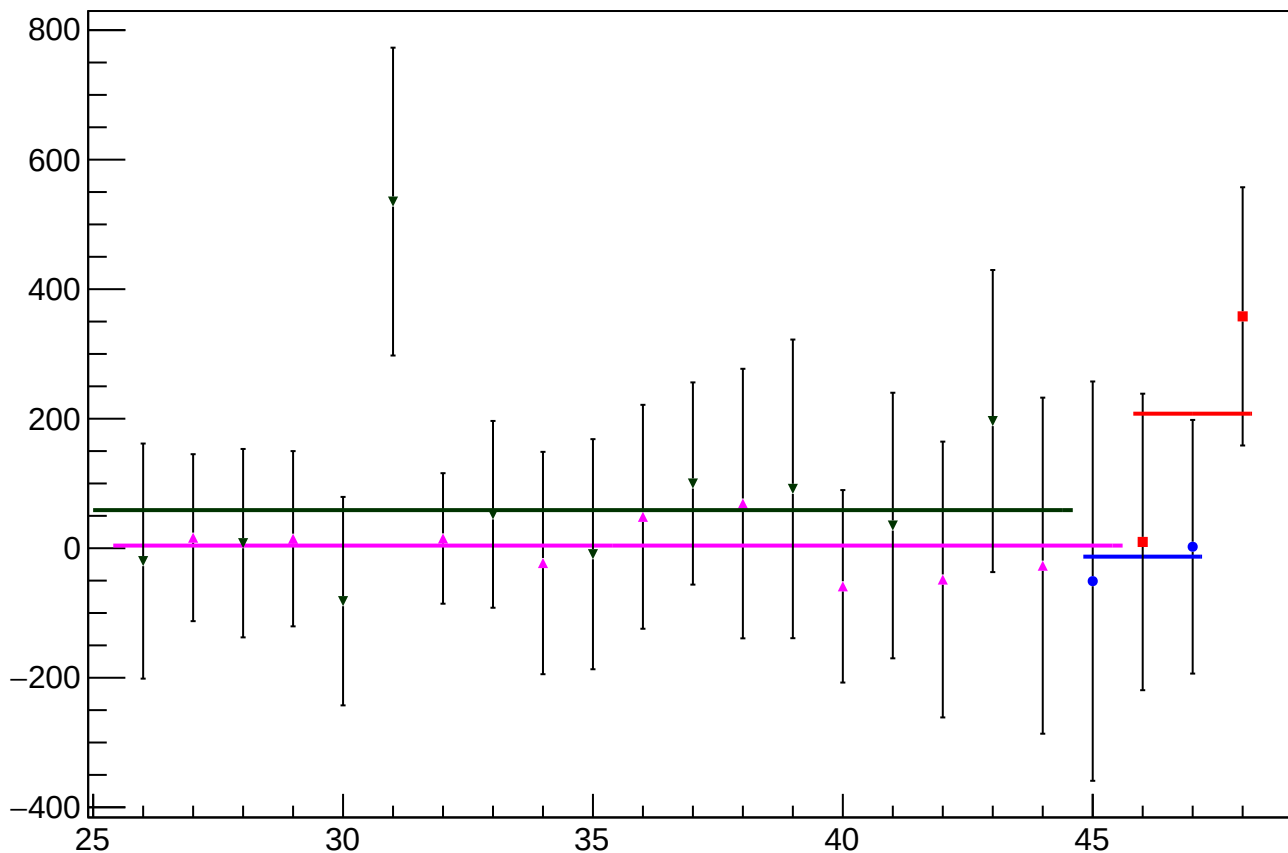
Right Out: 139.672+/-0.109 χ^2/NDF : 3692.1/1

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

132.717+/-0.039 χ^2/NDF : 419695.5/11

122.715+/-0.035 χ^2/NDF : 406895.4/10

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

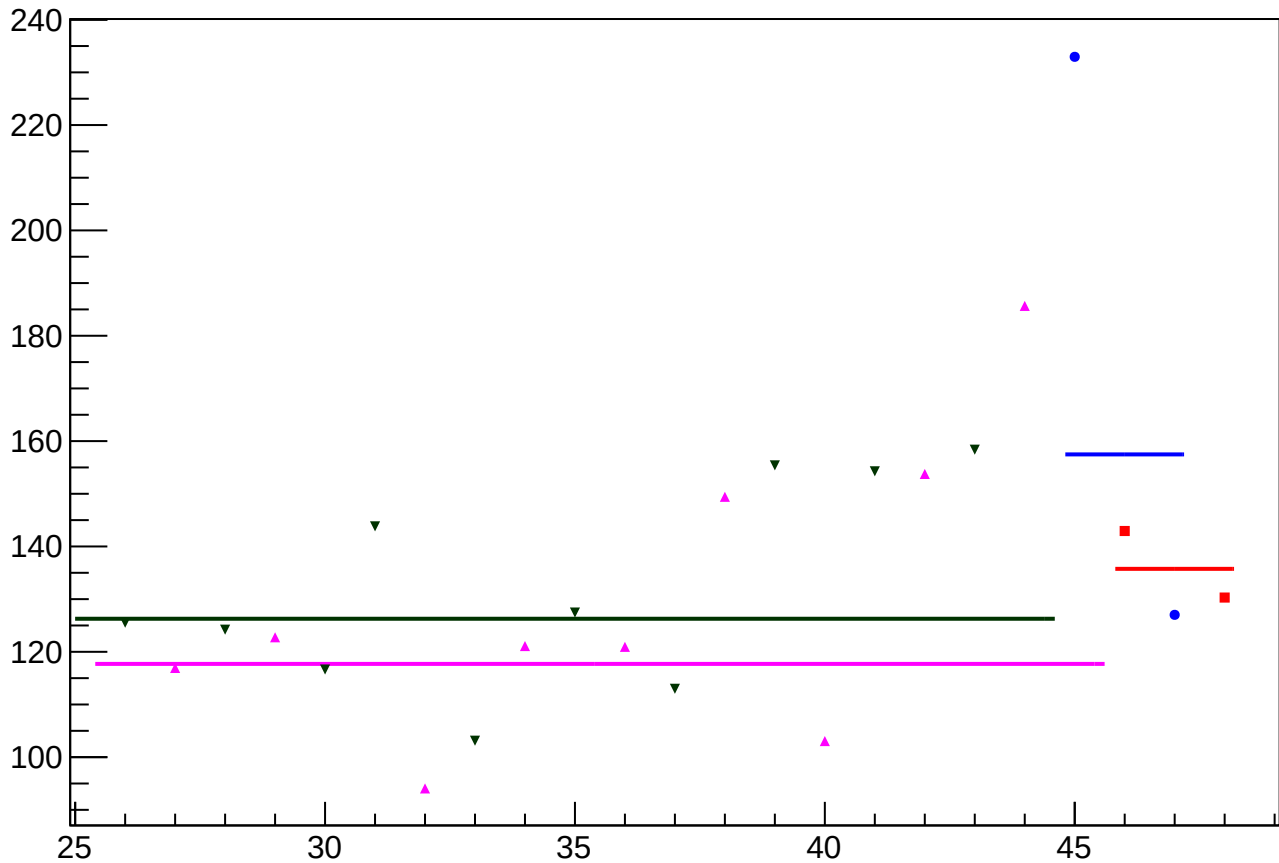
Right Out: 207.760 ± 150.350 χ^2/NDF : 1.3/1

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

51.388 ± 53.279 χ^2/NDF : 5.9/11

25.041 ± 48.214 χ^2/NDF : 3.4/10

asym_bcm_an_us_rms vs slug



Right In: 157.476 $\pm$ 0.117 χ^2/NDF : 168235.7/1

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

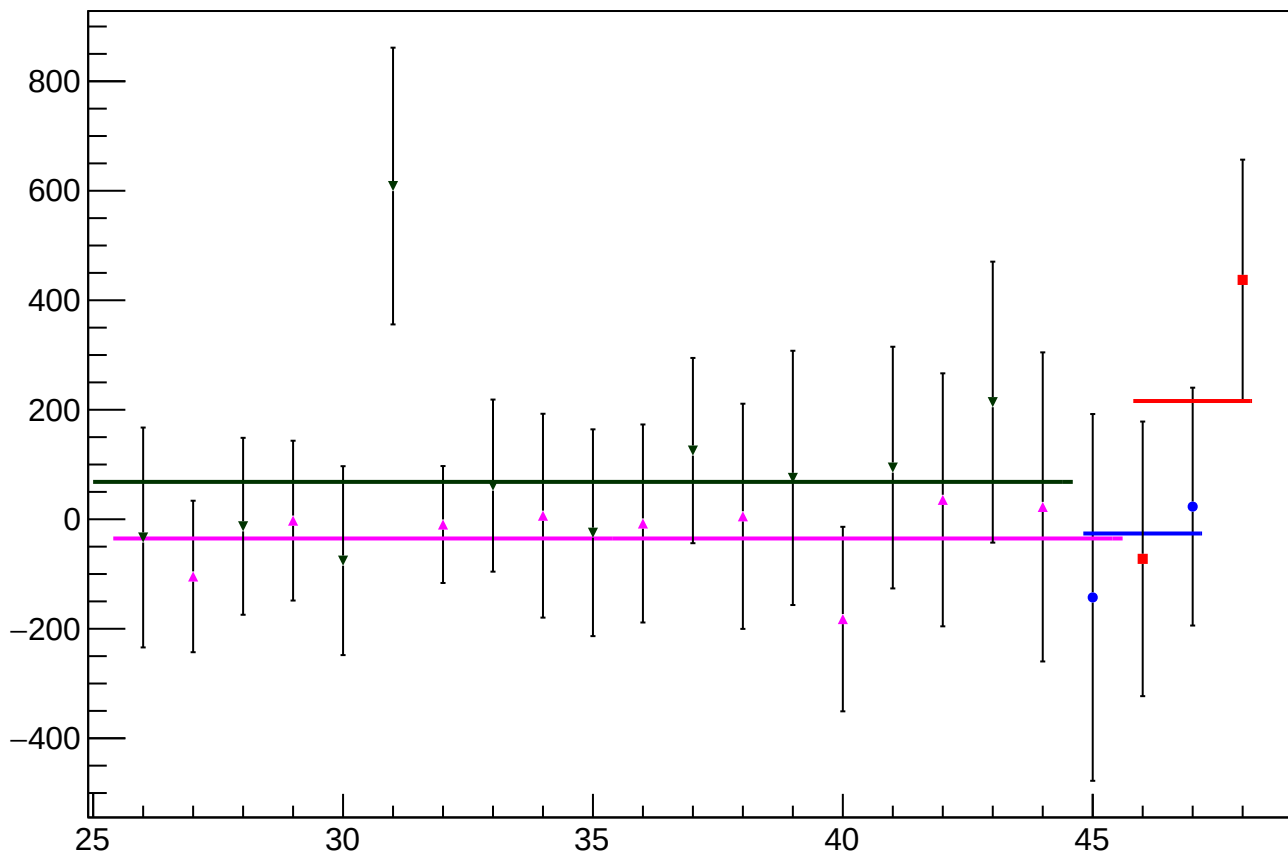
Right Out: 135.750 $\pm$ 0.106 χ^2/NDF : 3464.9/1

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

129.517 $\pm$ 0.038 χ^2/NDF : 423745.2/11

119.561 $\pm$ 0.034 χ^2/NDF : 404190.0/10

asym_bcm_dg_us_mean vs slug



Right In: -25.992 ± 182.252 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 68.281 ± 60.848 $\chi^2/\text{NDF}: 6.5/9$

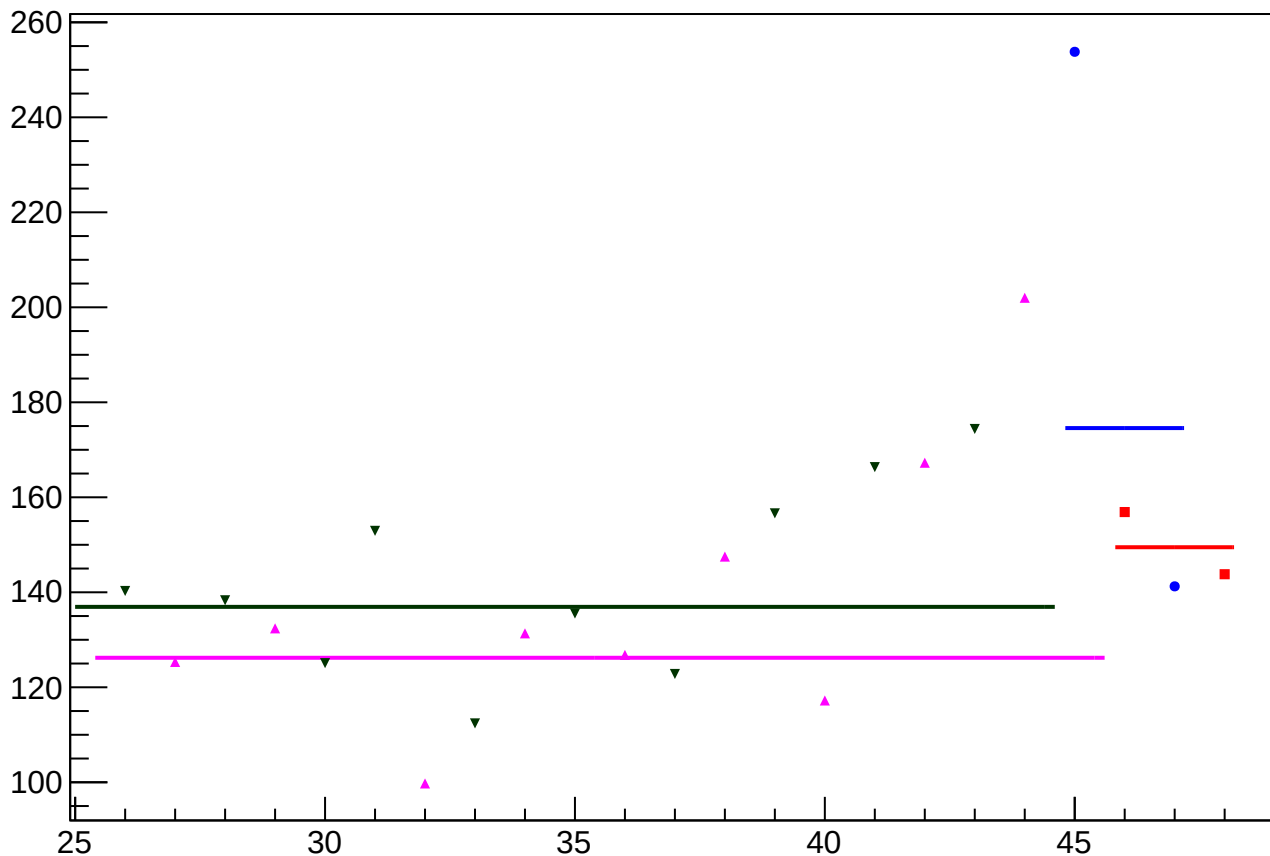
Right Out: 215.992 ± 165.235 $\chi^2/\text{NDF}: 2.3/1$

Left In: -35.096 ± 54.517 $\chi^2/\text{NDF}: 1.4/8$

58.826 ± 57.716 $\chi^2/\text{NDF}: 6.9/11$

-10.447 ± 51.772 $\chi^2/\text{NDF}: 5.8/10$

asym_bcm_dg_us_rms vs slug



Right In: 174.572 $\pm$ 0.129 χ^2 /NDF: 158945.7/1

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

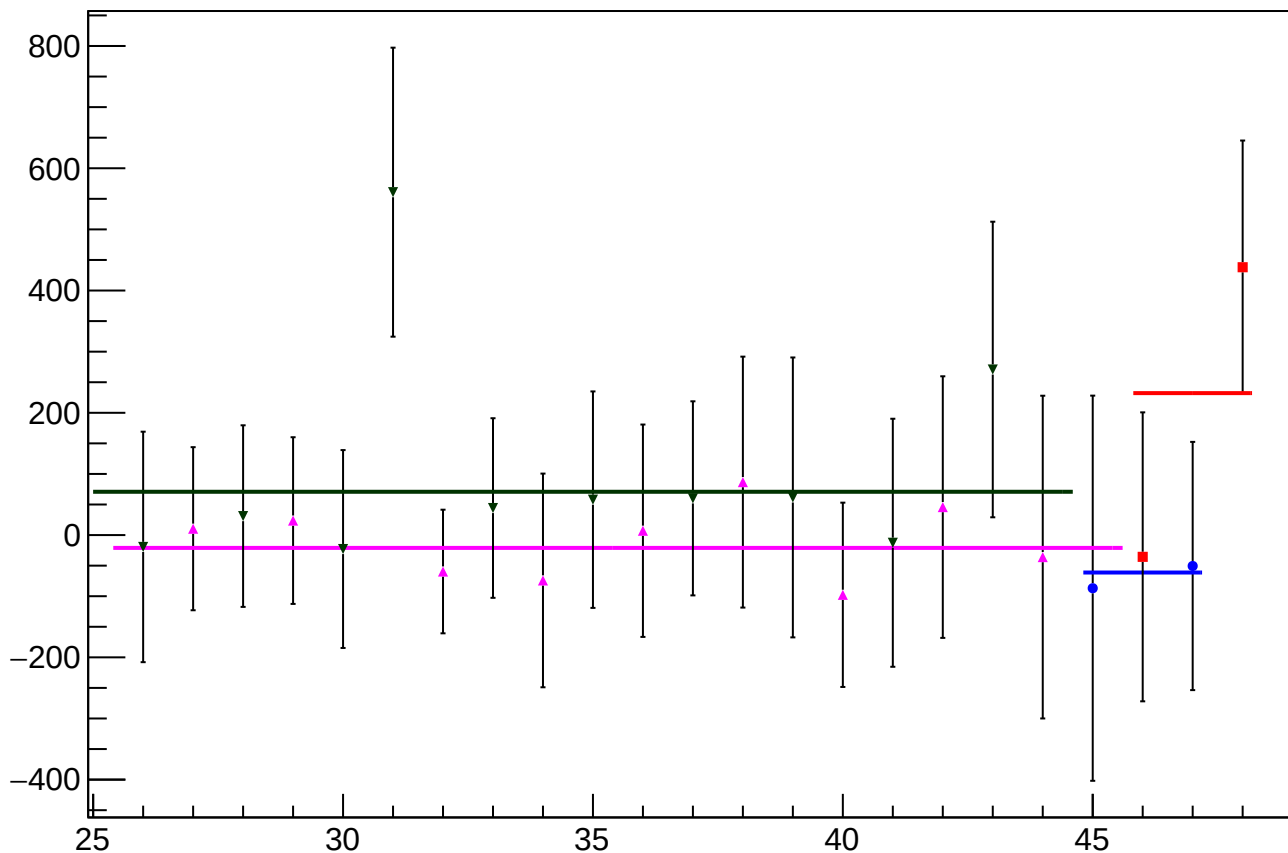
Right Out: 149.485 $\pm$ 0.117 χ^2 /NDF: 3083.8/1

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

140.707 $\pm$ 0.041 χ^2 /NDF: 409172.9/11

128.497 $\pm$ 0.037 χ^2 /NDF: 401412.9/10

asym_bcm_dg_ds_mean vs slug



Right In: -61.247 ± 170.645 χ^2/NDF : 0.0/1

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

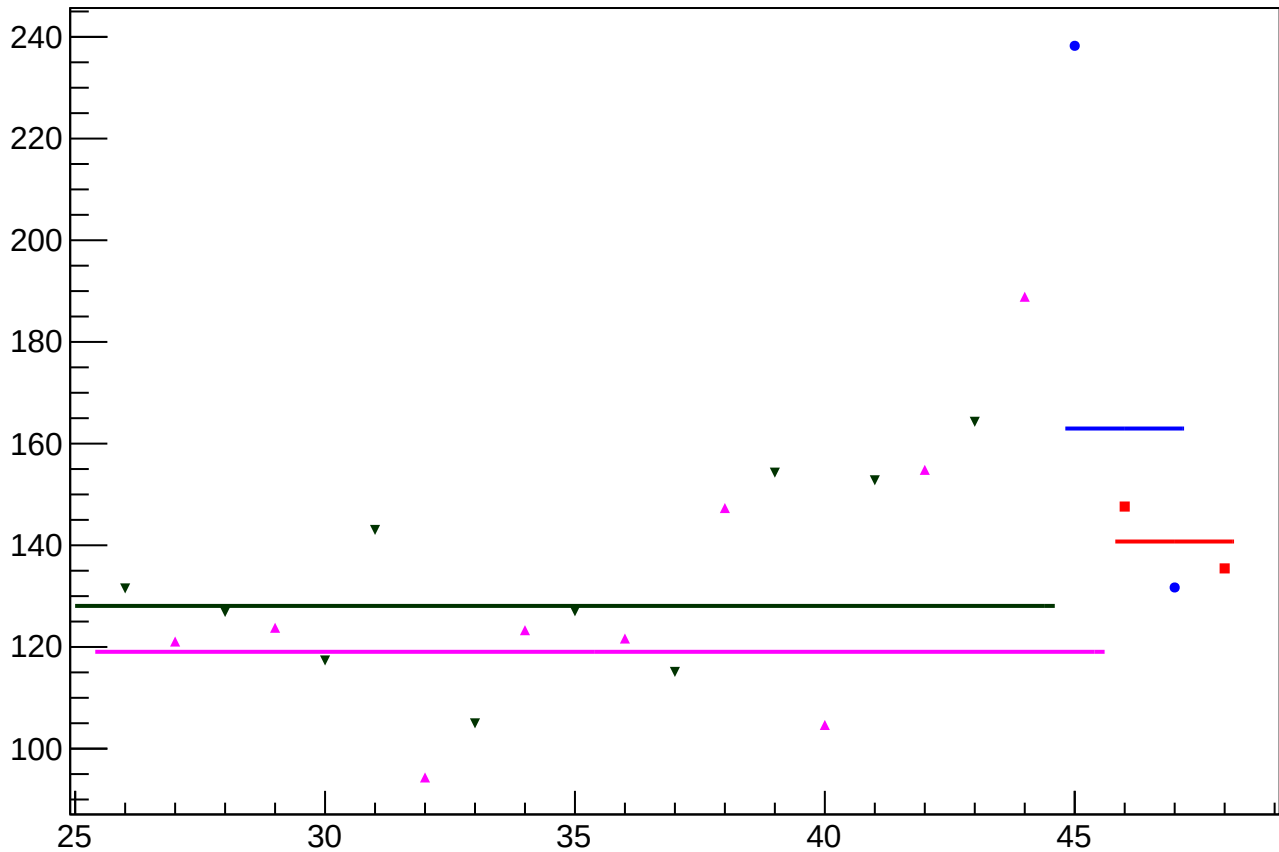
Right Out: 232.193 ± 155.817 χ^2/NDF : 2.3/1

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

57.582 ± 54.047 χ^2/NDF : 6.4/11

3.915 ± 48.861 χ^2/NDF : 5.7/10

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

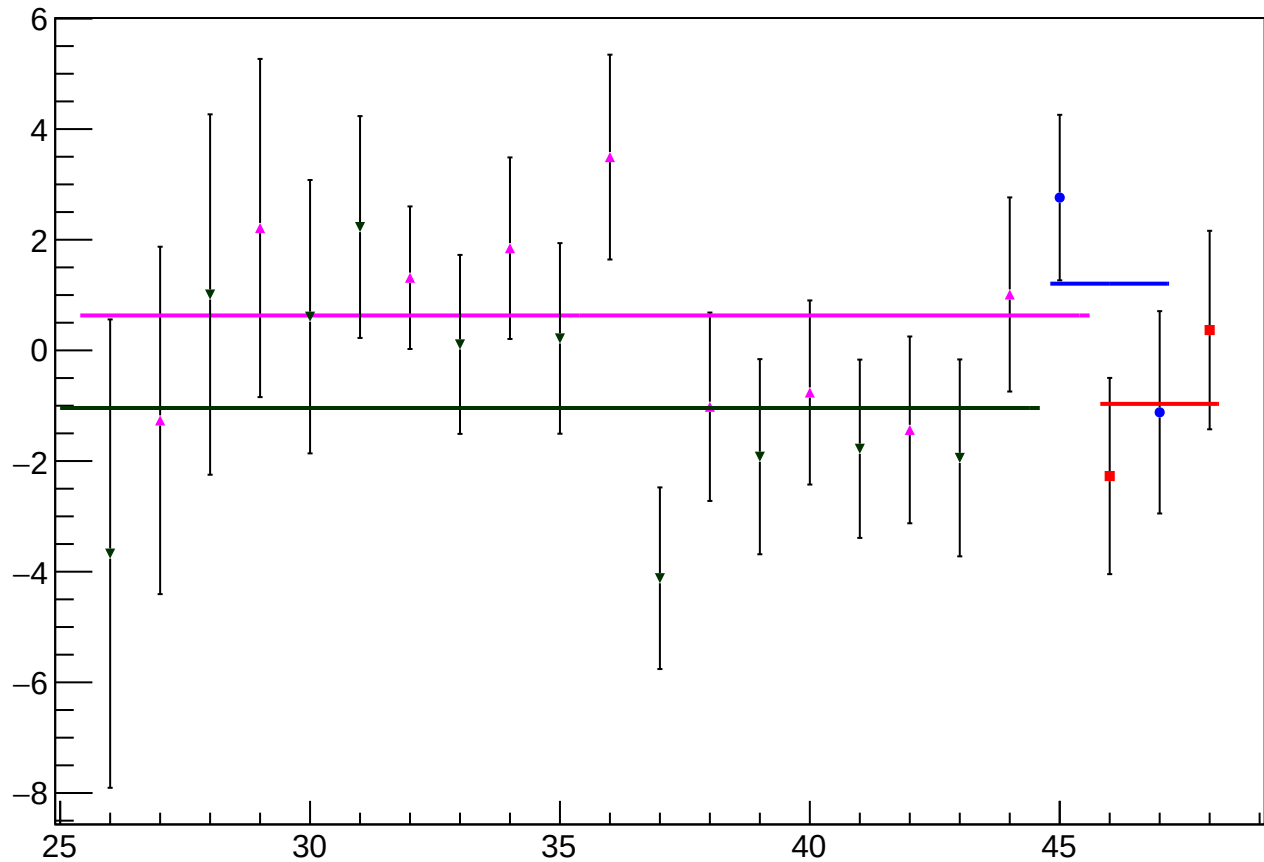
Right Out: 140.743 $\pm$ 0.110 χ^2 /NDF: 2995.5/1

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

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

121.182 $\pm$ 0.035 χ^2 /NDF: 414119.2/10

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

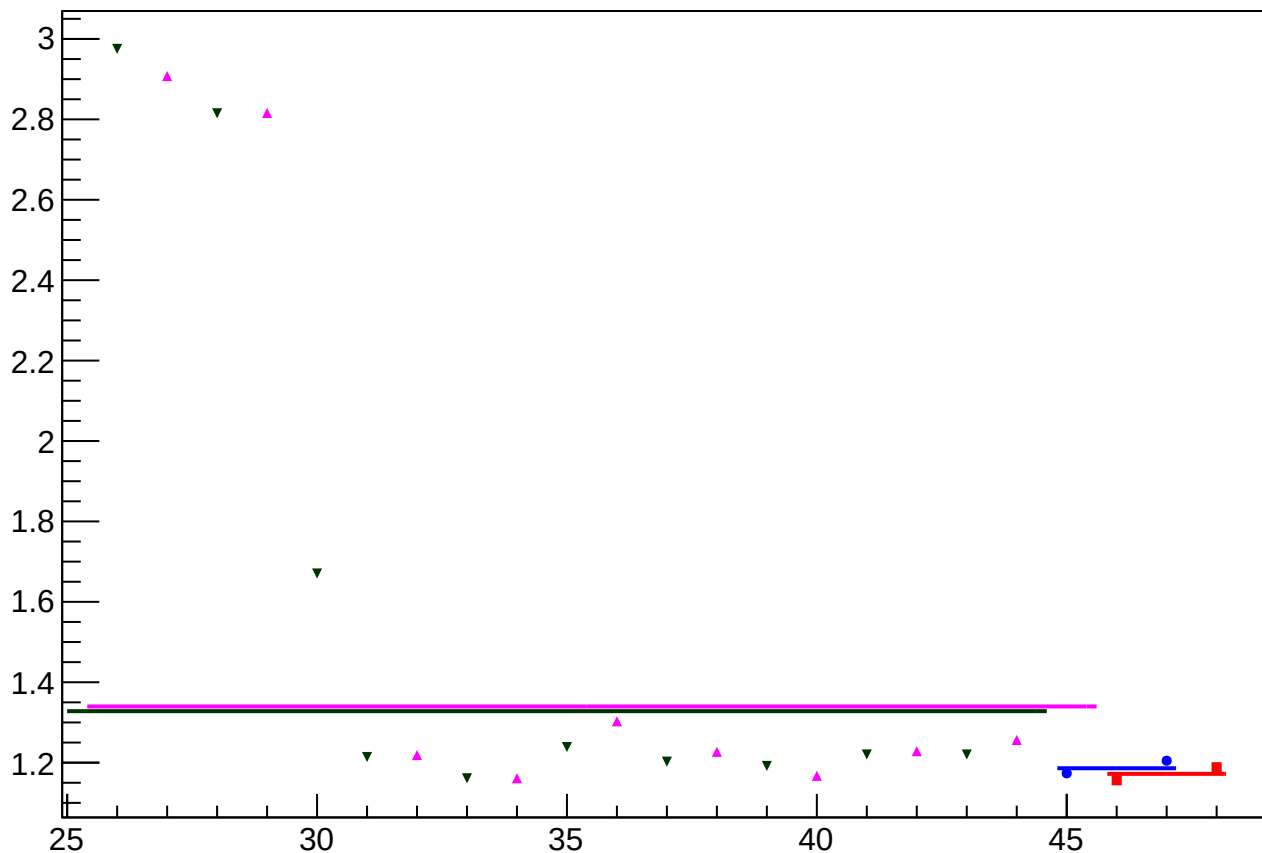
Right Out: -0.967+/-1.261 χ^2/NDF : 1.1/1

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

-0.551+/-0.541 χ^2/NDF : 14.8/11

0.343+/-0.536 χ^2/NDF : 9.5/10

asym_cav4bQ_rms vs slug



Right In: 1.186+/-0.001 χ^2/NDF : 351.8/1

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

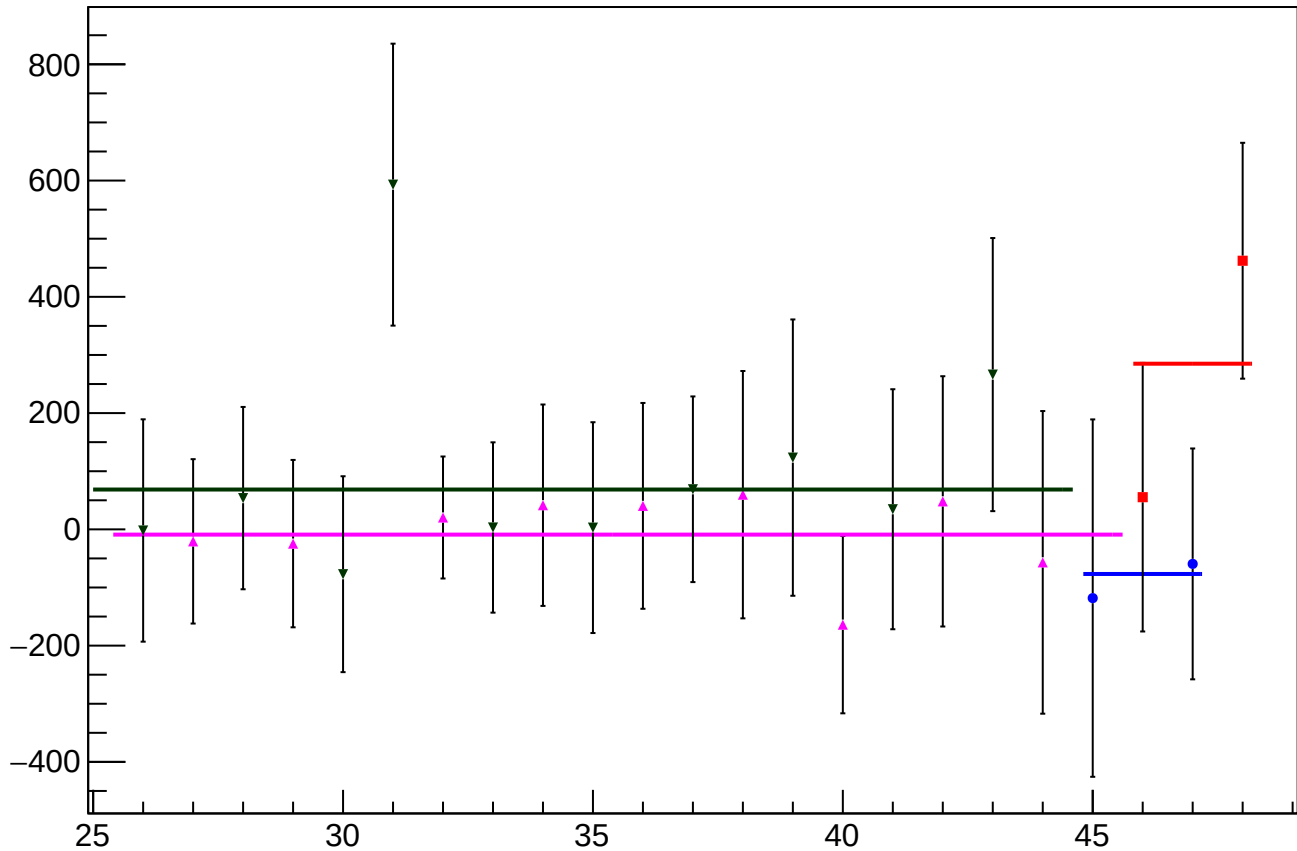
Right Out: 1.172+/-0.001 χ^2/NDF : 330.3/1

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

1.297+/-0.000 χ^2/NDF : 855058.7/11

1.310+/-0.000 χ^2/NDF : 1080217.0/10

asym_cav4cQ_mean vs slug



Right In: -76.746 ± 166.791 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 68.524 ± 58.147 $\chi^2/\text{NDF}: 6.7/9$

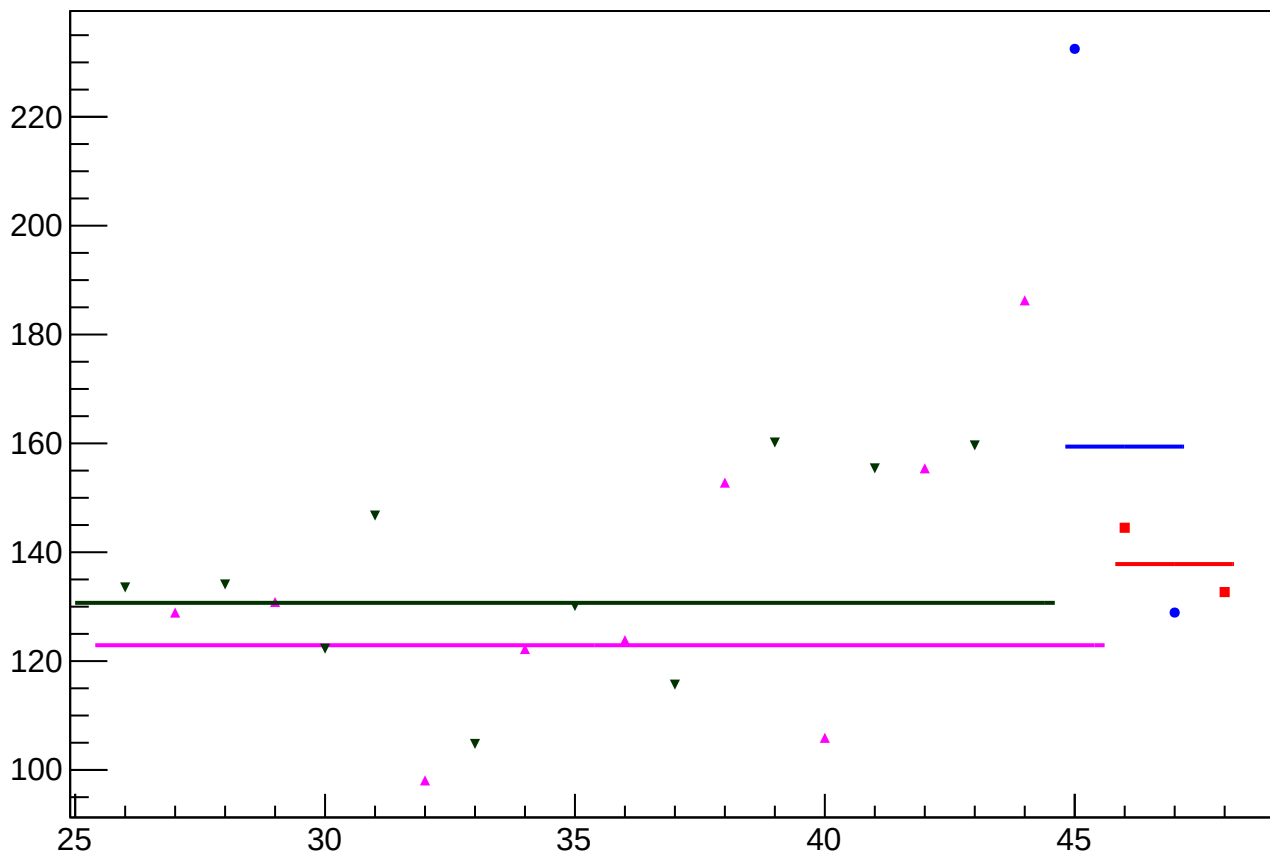
Right Out: 284.961 ± 152.434 $\chi^2/\text{NDF}: 1.8/1$

Left In: -9.045 ± 53.017 $\chi^2/\text{NDF}: 1.5/8$

52.782 ± 54.906 $\chi^2/\text{NDF}: 7.4/11$

22.682 ± 50.075 $\chi^2/\text{NDF}: 6.6/10$

asym_cav4cQ_rms vs slug



Right In: 159.410+/-0.118 χ^2/NDF : 160200.5/1

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

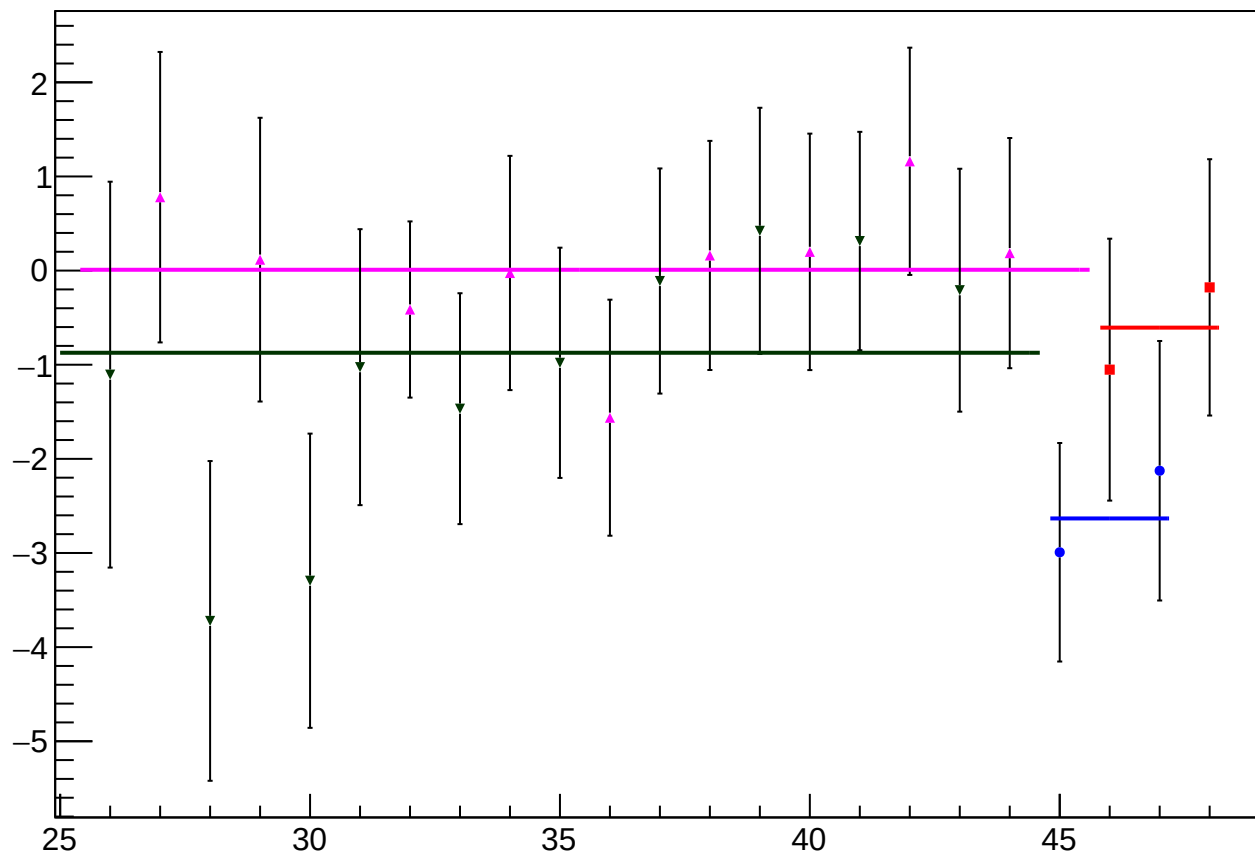
Right Out: 137.827+/-0.108 χ^2/NDF : 2953.3/1

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

133.814+/-0.039 χ^2/NDF : 398222.3/11

124.523+/-0.035 χ^2/NDF : 370311.5/10

asym_cav4dQ_mean vs slug



Right In: -2.633 $\pm$ 0.888 χ^2/NDF : 0.2/1

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

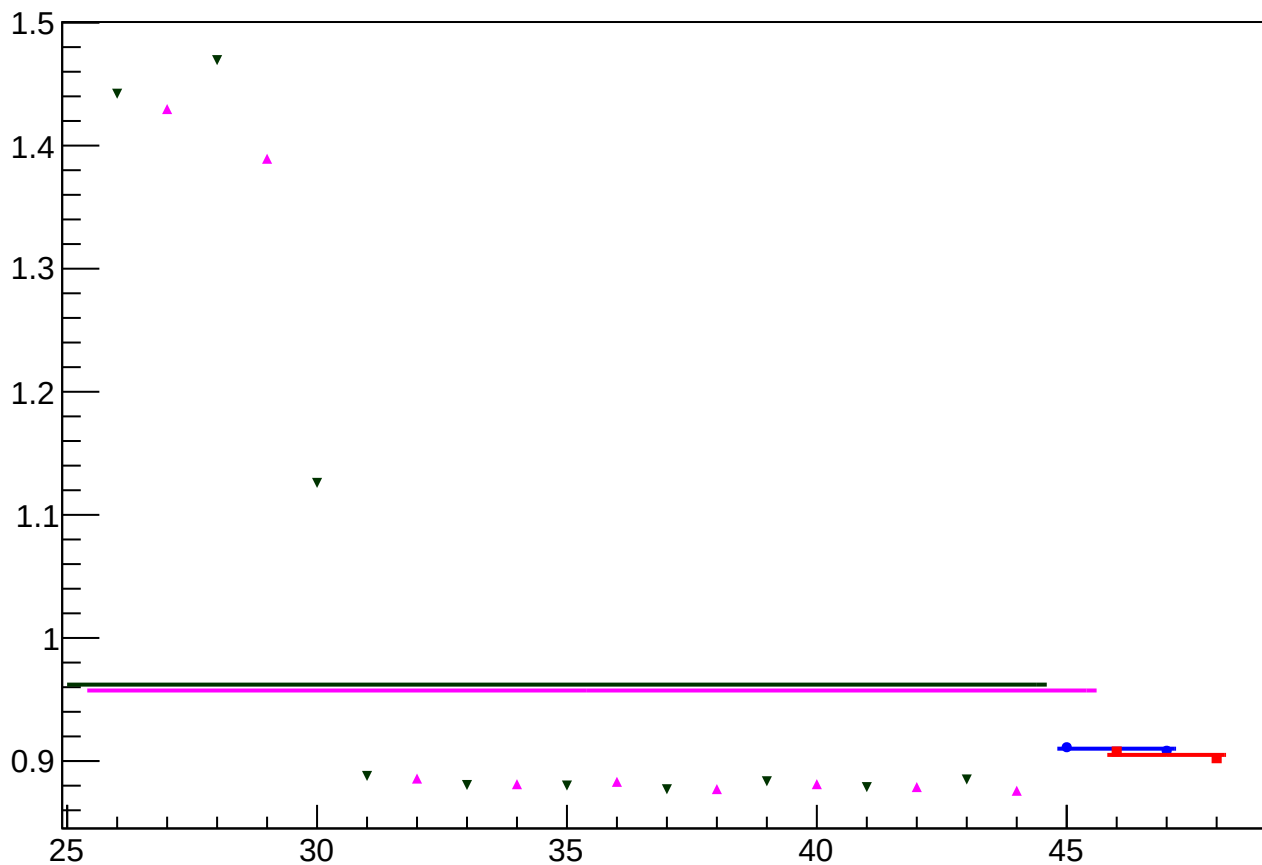
Right Out: -0.606 $\pm$ 0.973 χ^2/NDF : 0.2/1

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

-1.207 $\pm$ 0.387 χ^2/NDF : 11.6/11

-0.084 $\pm$ 0.378 χ^2/NDF : 3.5/10

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

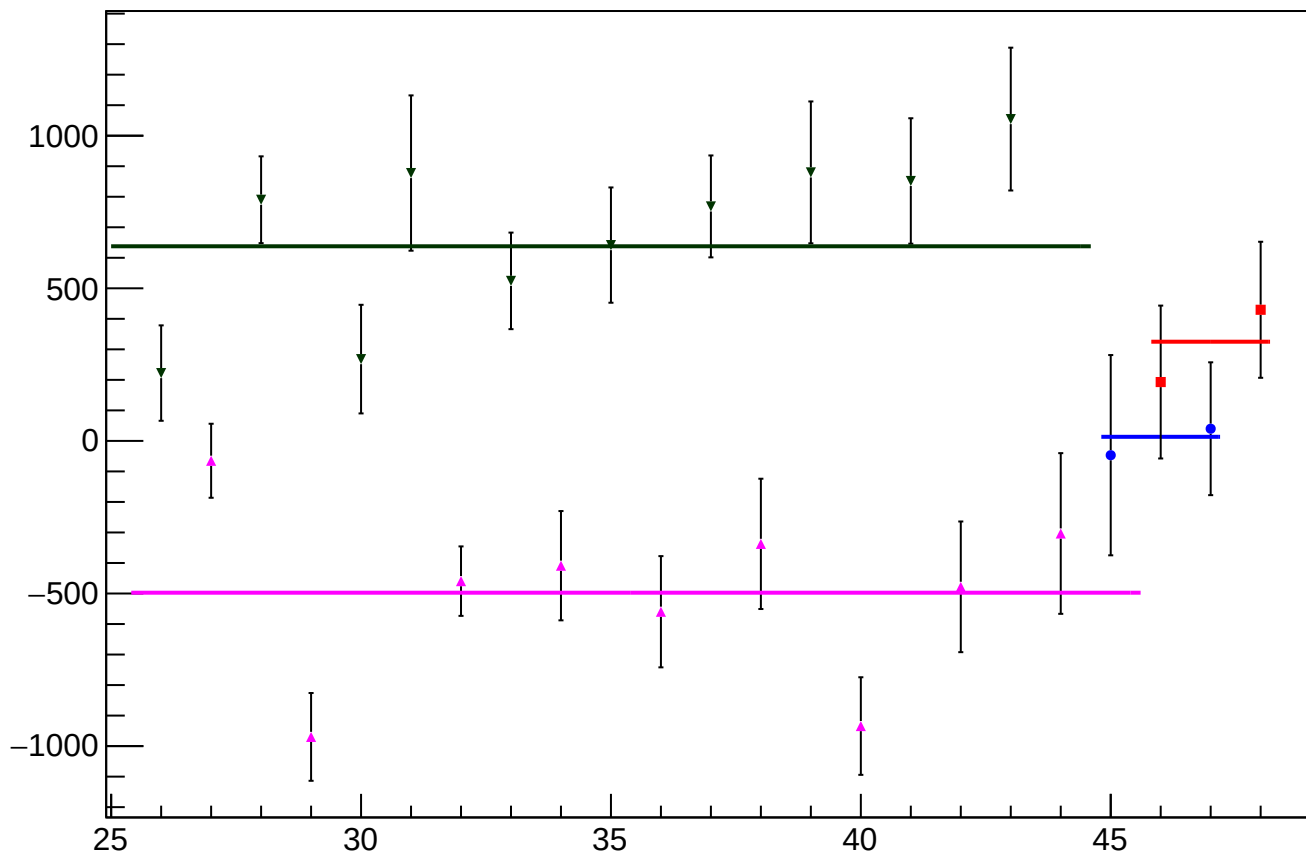
Right Out: 0.905+/-0.001 χ^2/NDF : 15.8/1

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

0.952+/-0.000 χ^2/NDF : 373450.7/11

0.949+/-0.000 χ^2/NDF : 416205.6/10

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

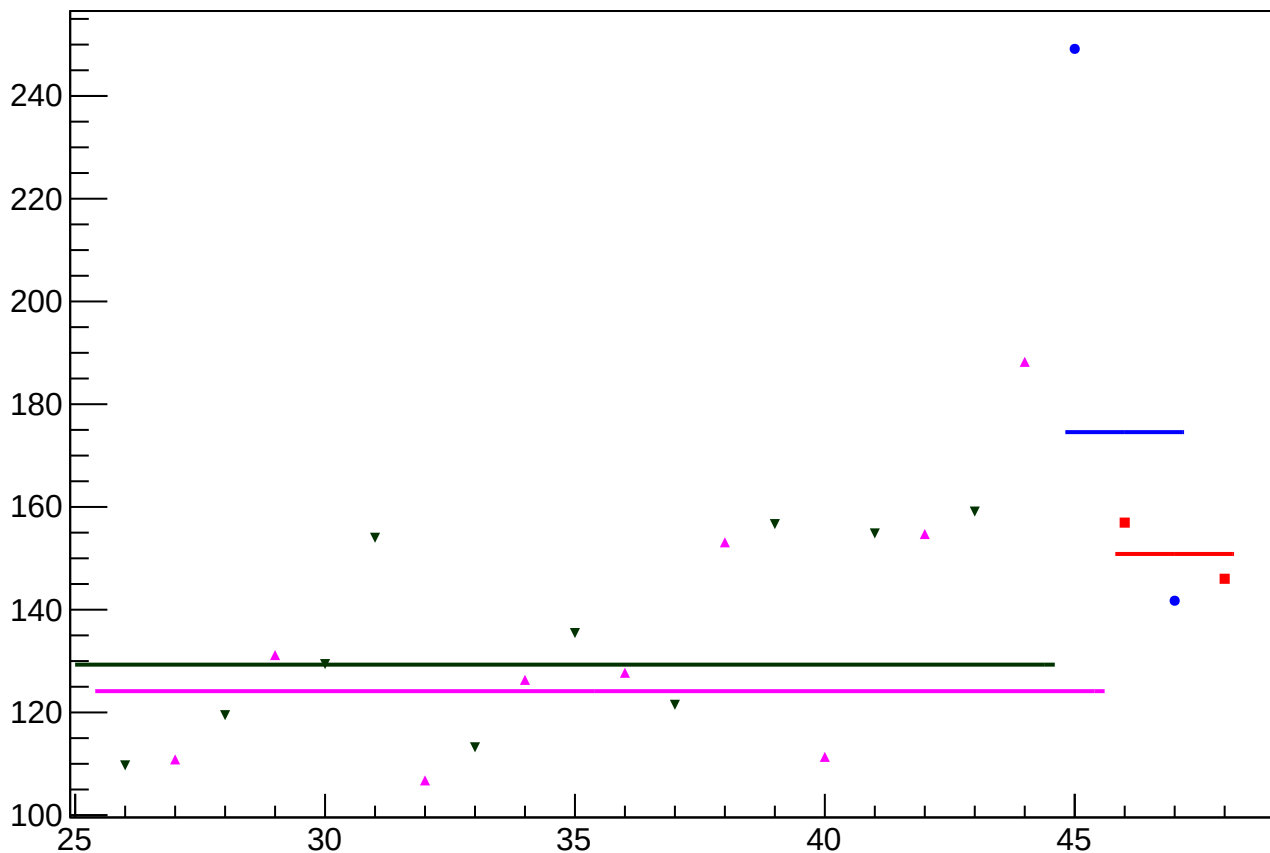
Right Out: 325.034 $\pm$ 166.497 χ^2 /NDF: 0.5/1

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

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

-420.961 $\pm$ 50.751 χ^2 /NDF: 55.2/10

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

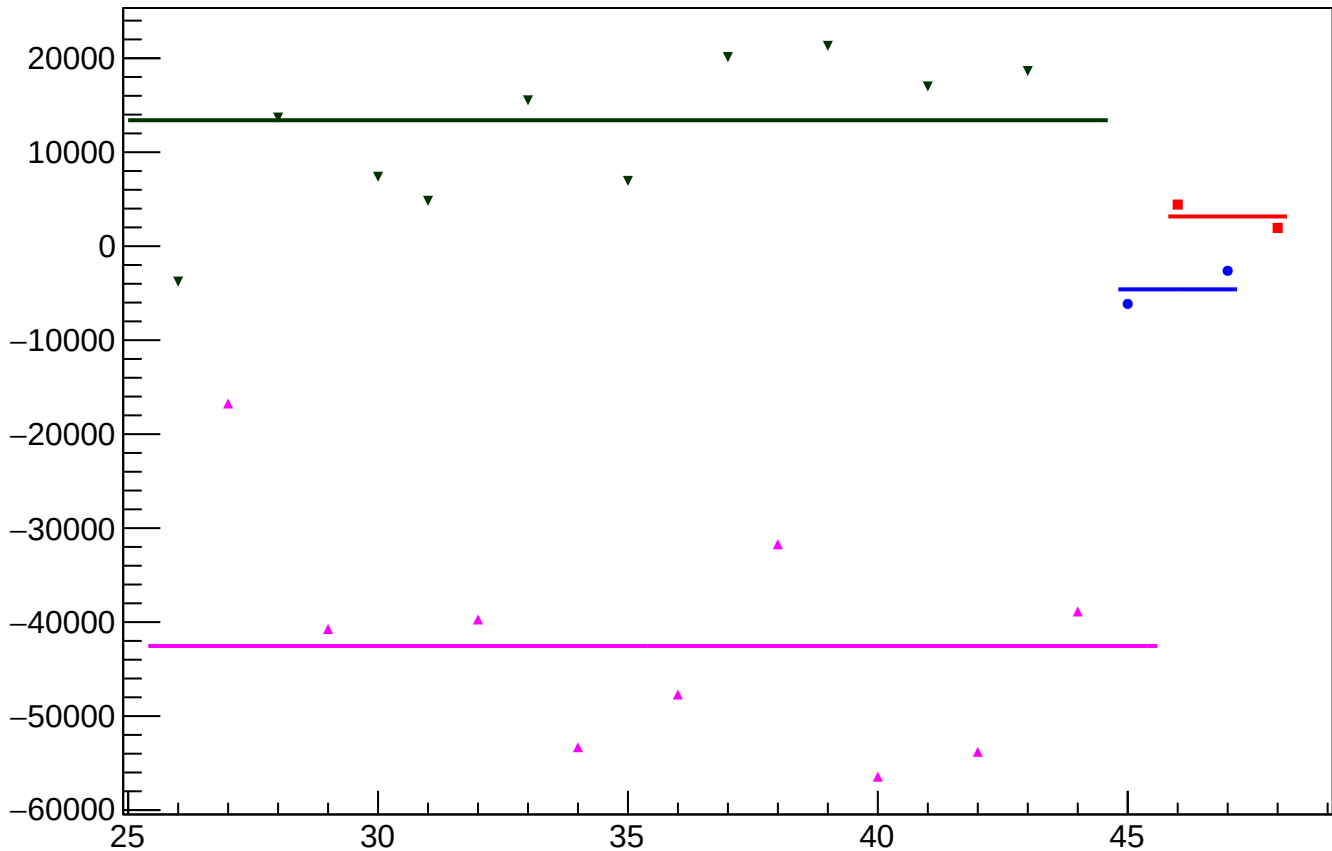
Right Out: 150.850+/-0.118 χ^2/NDF : 2125.3/1

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

133.449+/-0.039 χ^2/NDF : 440149.5/11

126.625+/-0.036 χ^2/NDF : 334290.2/10

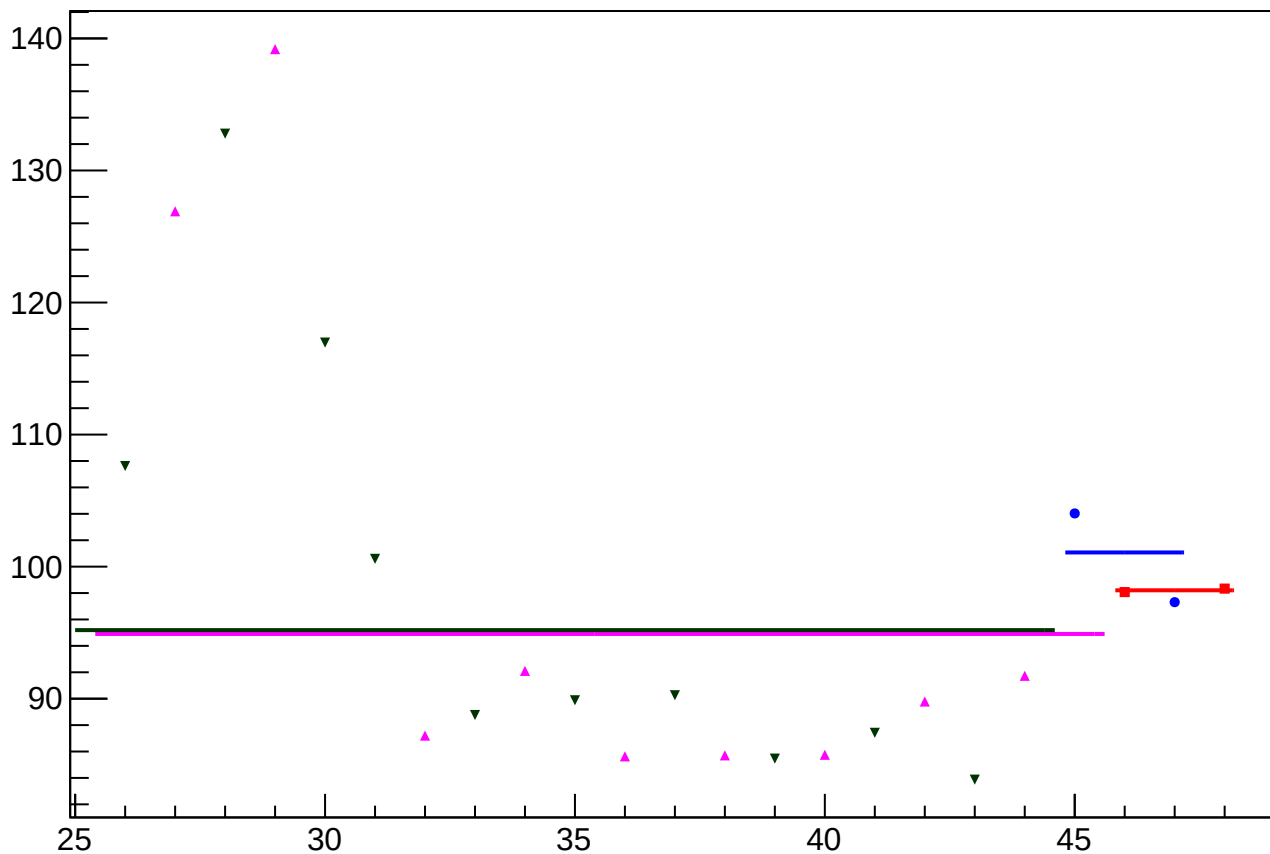
asym_bpm2i01WS_mean vs slug



Right In: -4592.053+/-100.345 χ^2/NDF : 303.4/1
 Left Out: 13400.444+/-42.949 χ^2/NDF :28731.1/9
 Right Out: 3162.965+/-106.968 χ^2/NDF : 135.0/1
 Left In: -42544.825+/-41.418 χ^2/NDF :71344.1/8

10614.618+/-39.484 χ^2/NDF : 56207.5/11
 -36585.524+/-38.624 χ^2/NDF : 230260.3/10

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

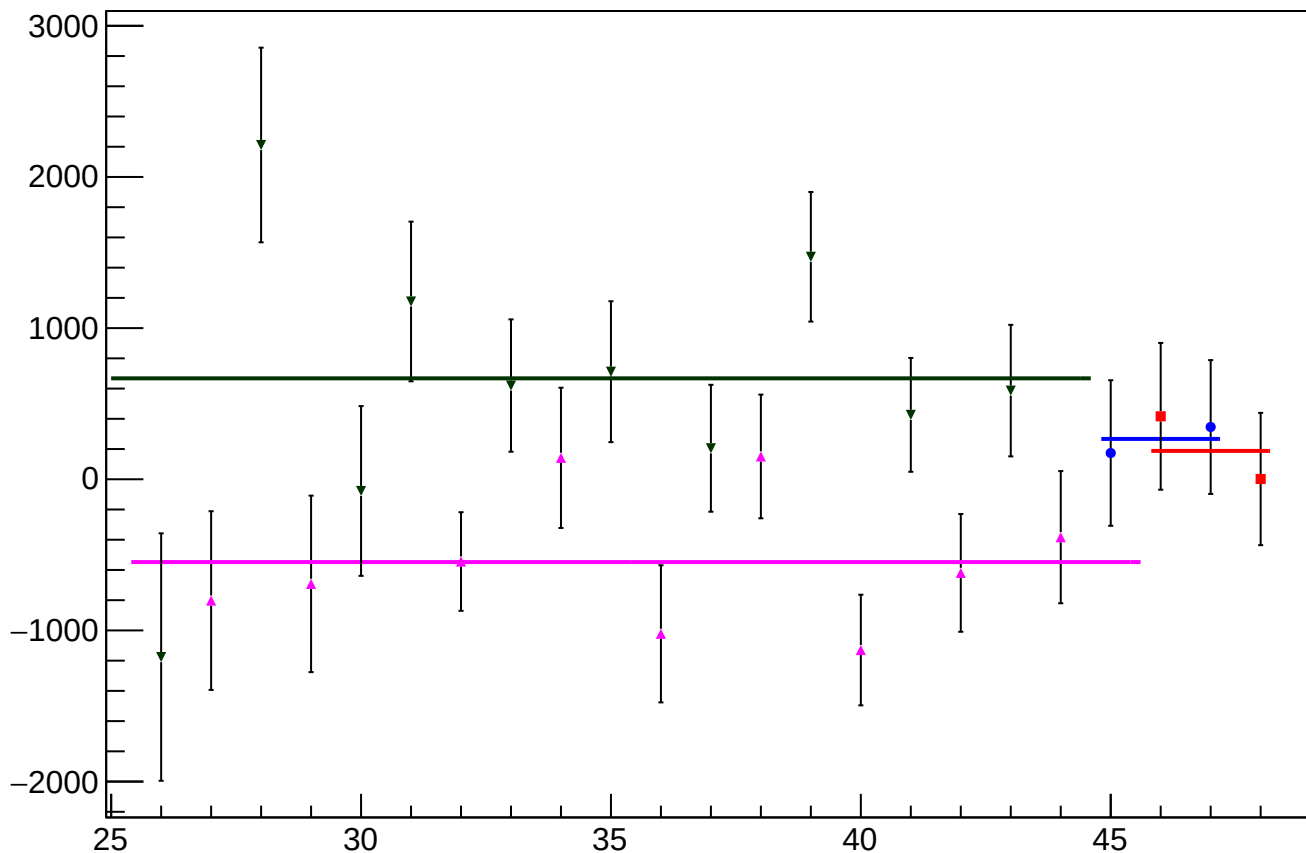
Right Out: 98.207 $\pm$ 0.076 χ^2 /NDF: 3.0/1

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

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

95.333 $\pm$ 0.027 χ^2 /NDF: 315939.7/10

asym_bpm0i07WS_mean vs slug



Right In: 266.940 $\pm$ 325.918 χ^2/NDF : 0.1/1

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

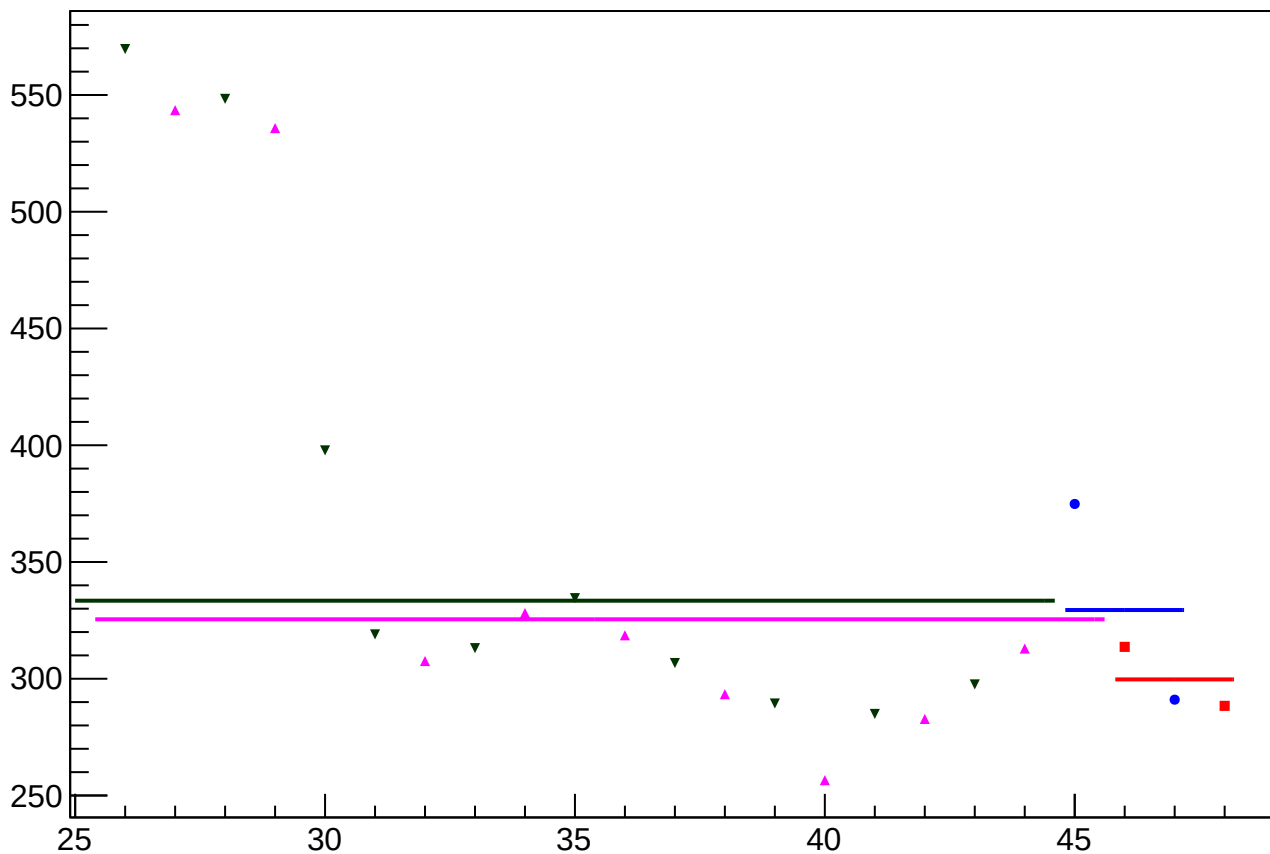
Right Out: 187.550 $\pm$ 325.084 χ^2/NDF : 0.4/1

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

597.008 $\pm$ 136.921 χ^2/NDF : 20.0/11

-430.771 $\pm$ 129.731 χ^2/NDF : 13.9/10

asym_bpm0i07WS_rms vs slug



Right In: 329.429+/-0.230 χ^2/NDF : 32836.9/1

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

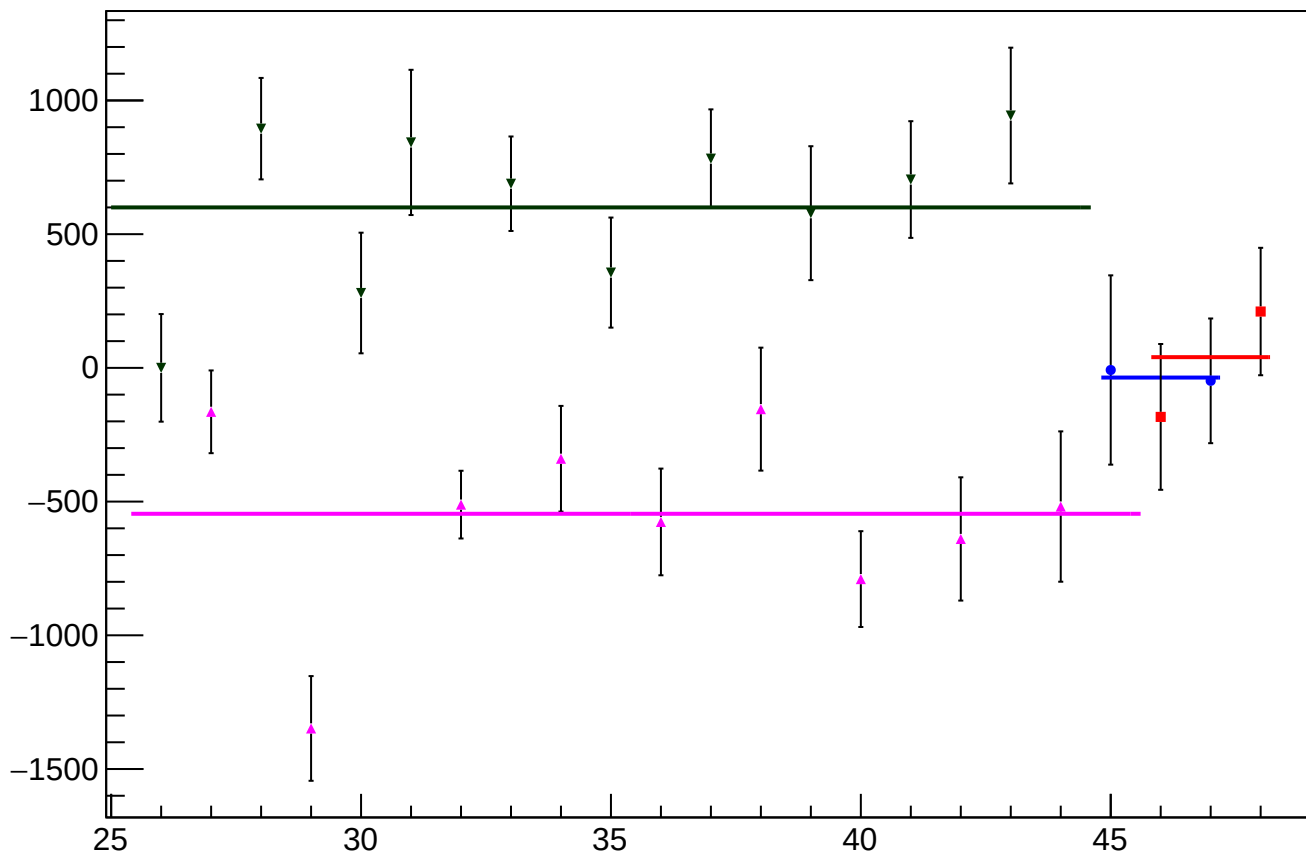
Right Out: 299.716+/-0.230 χ^2/NDF : 2987.1/1

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

332.722+/-0.097 χ^2/NDF : 530489.6/11

321.359+/-0.092 χ^2/NDF : 660757.9/10

asym_bpm0l01WS_mean vs slug



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

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

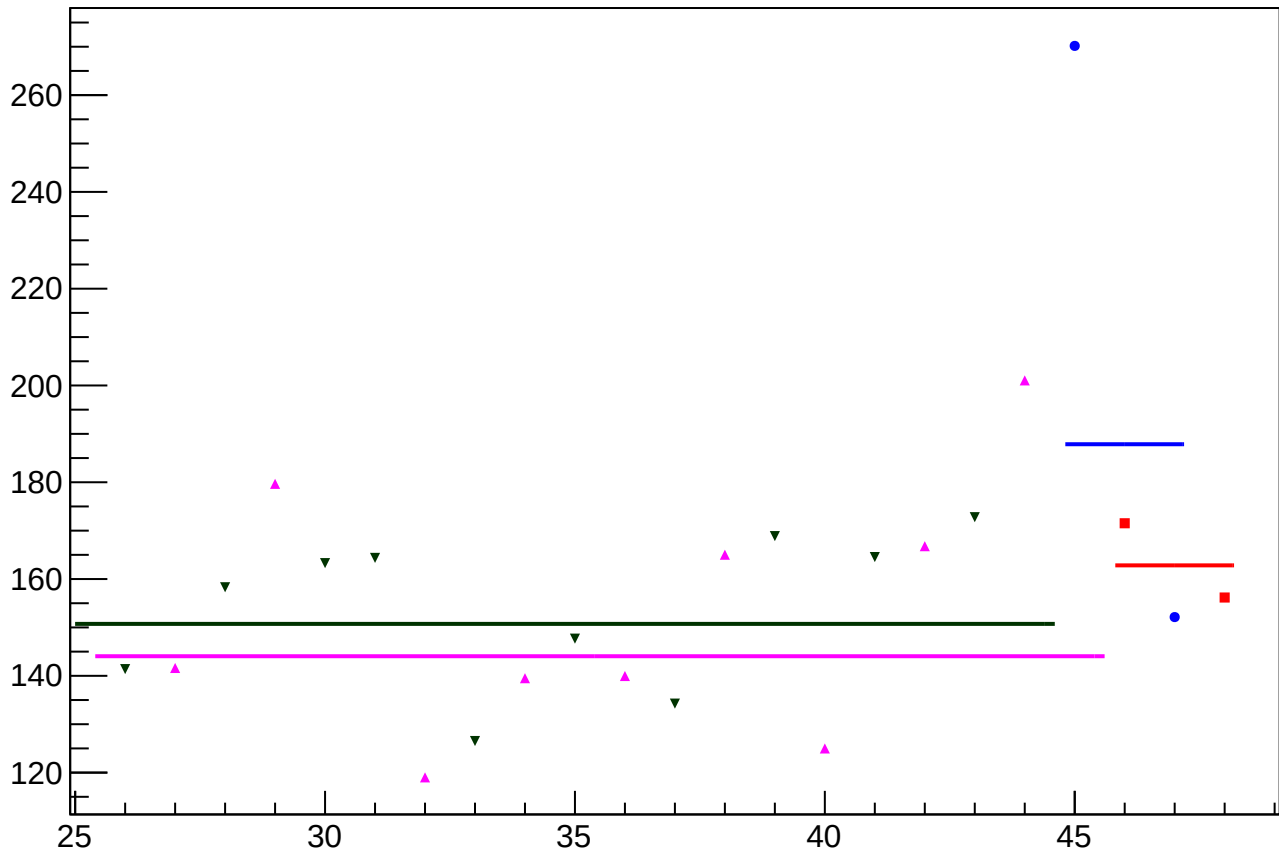
Right Out: 40.096 ± 179.395 $\chi^2/\text{NDF}: 1.2/1$

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

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

-483.629 ± 58.357 $\chi^2/\text{NDF}: 39.7/10$

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

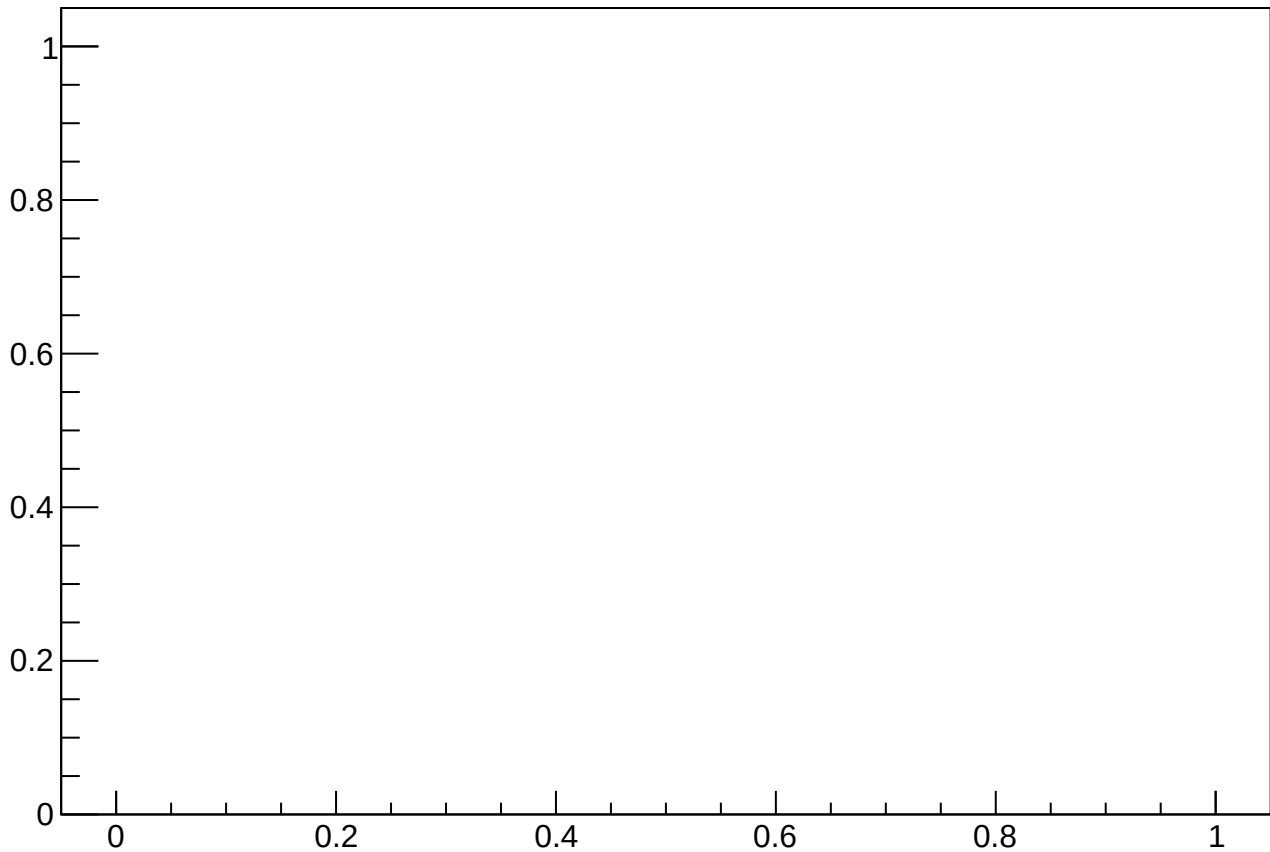
Right Out: 162.826+/-0.127 χ^2/NDF : 3592.2/1

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

154.655+/-0.045 χ^2/NDF : 326460.1/11

146.036+/-0.041 χ^2/NDF : 310960.8/10

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

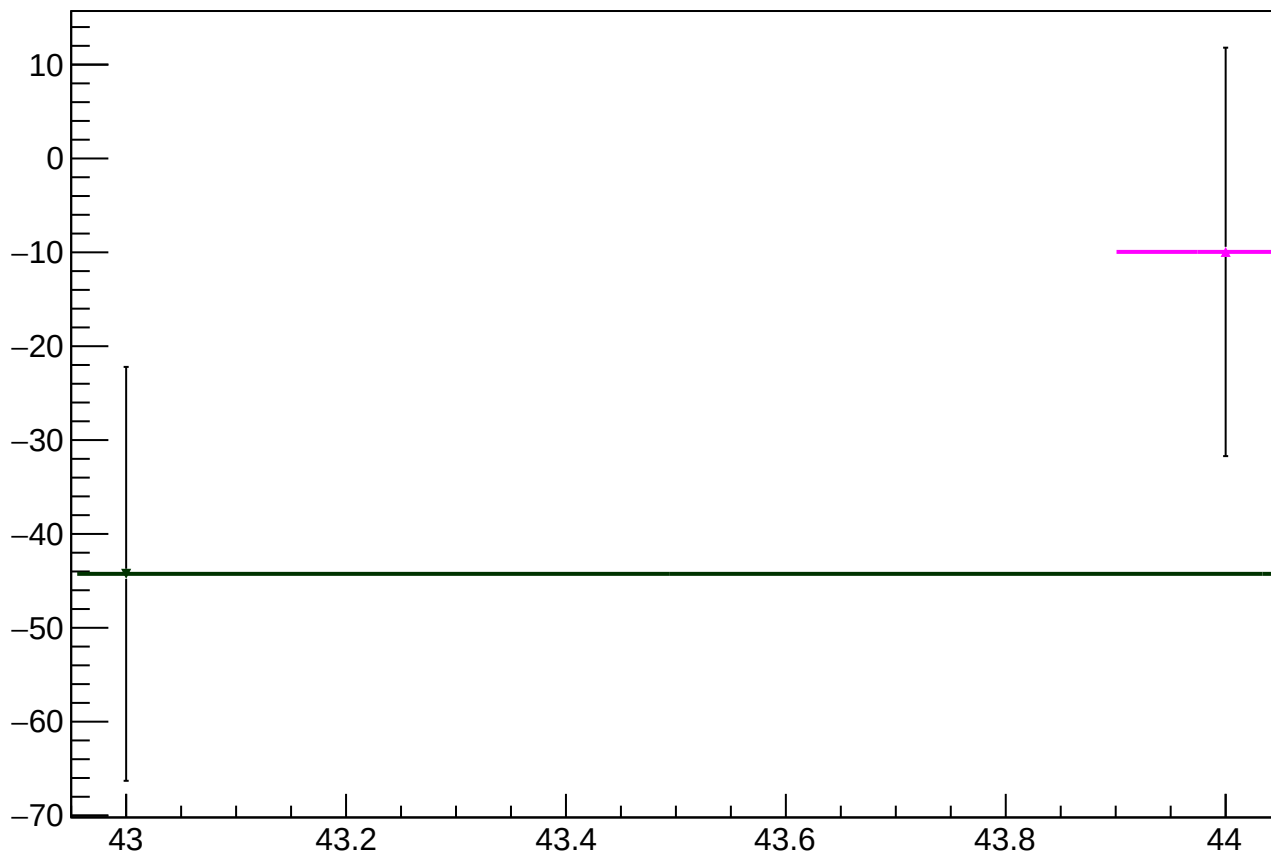
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

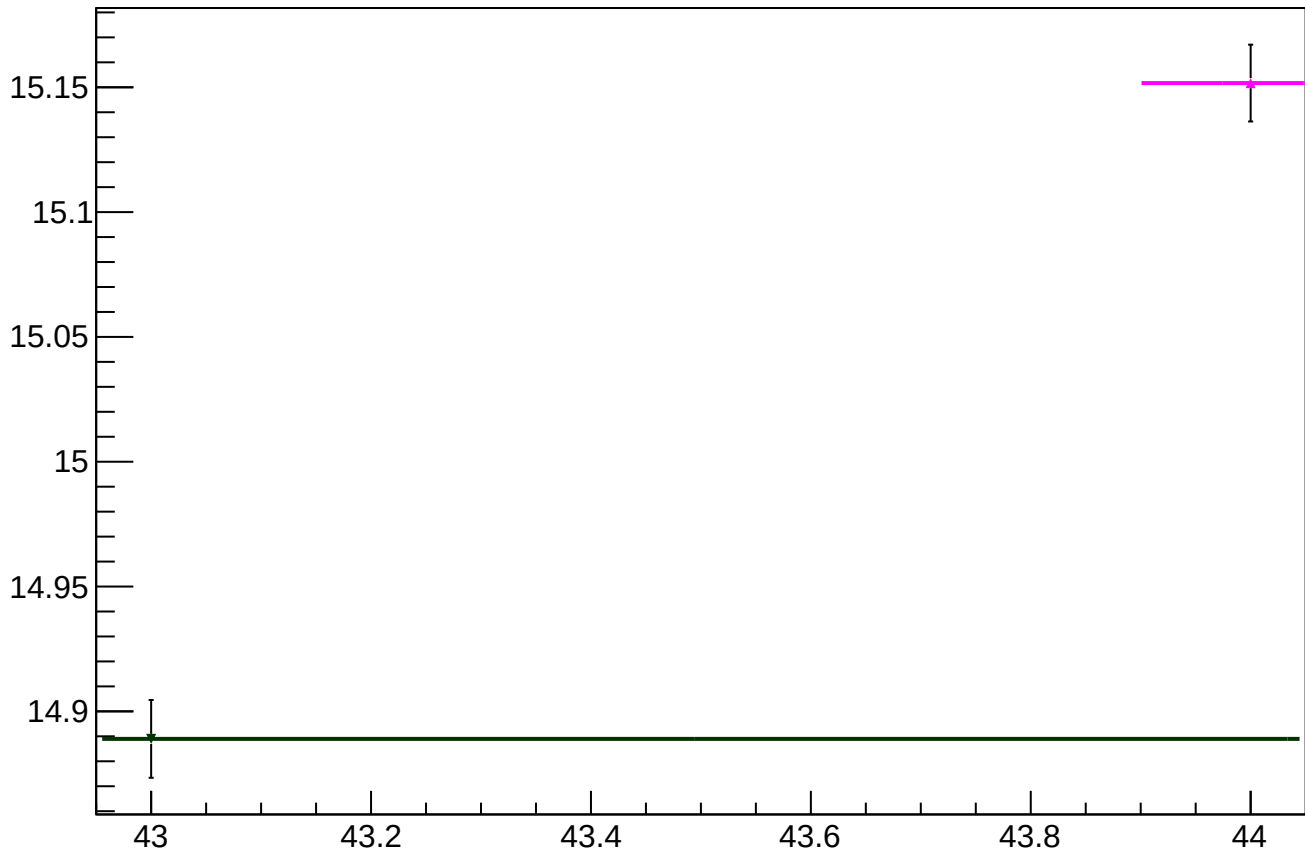
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

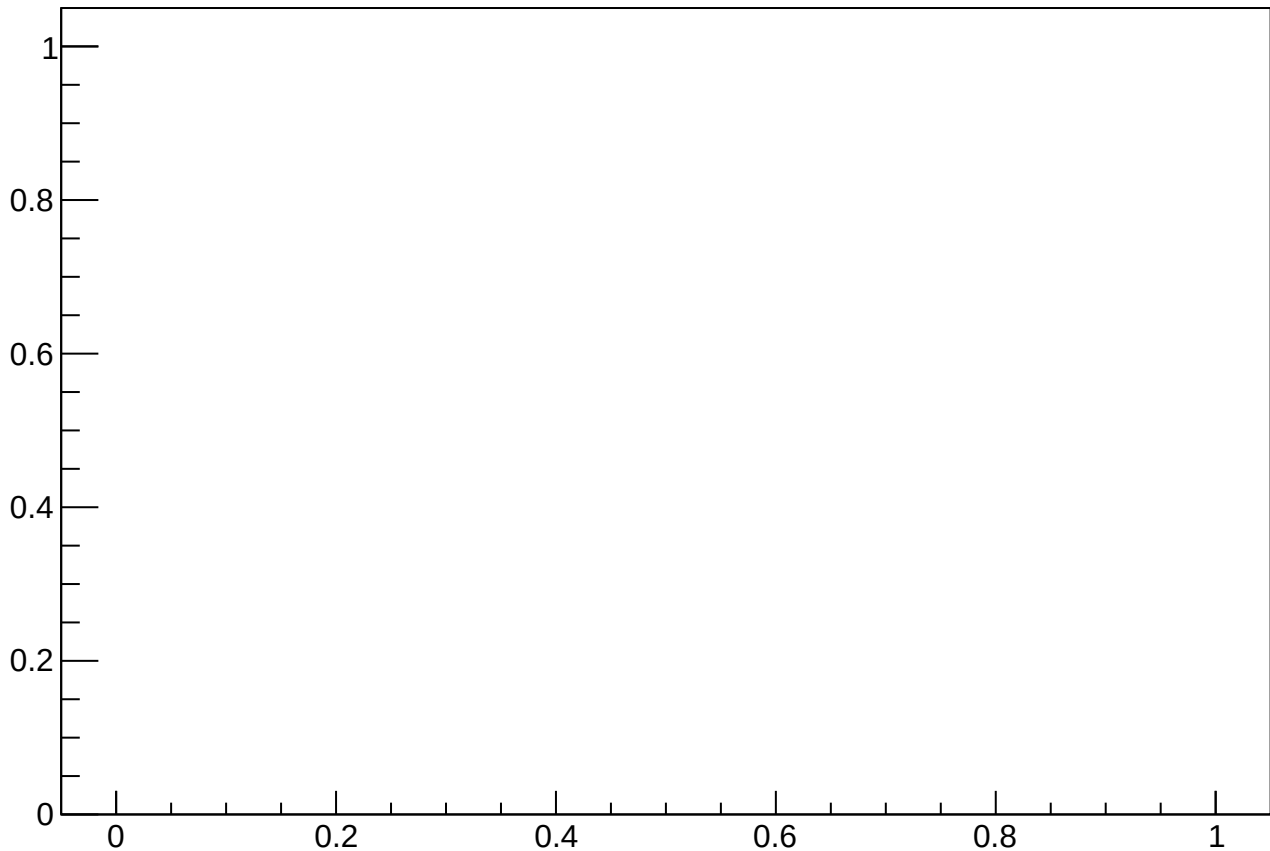
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

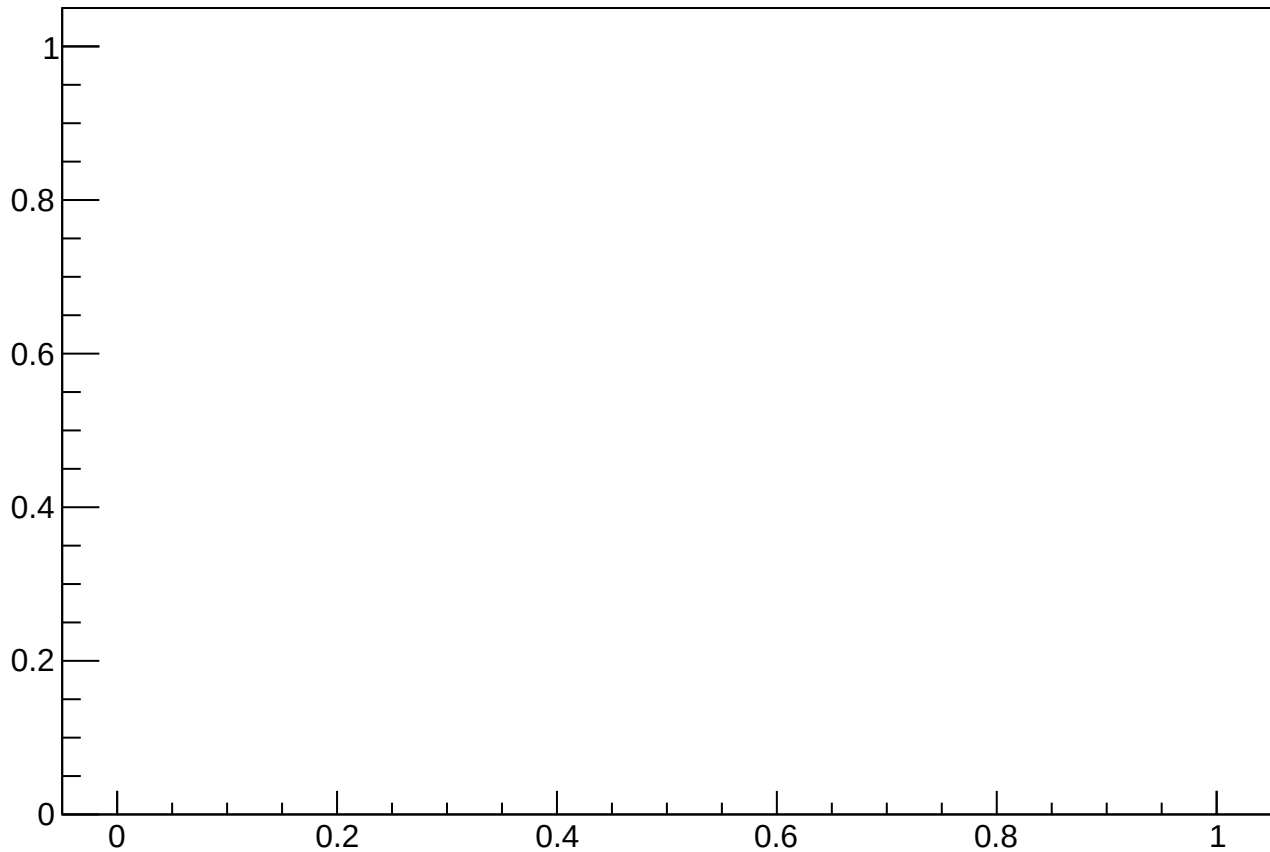
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

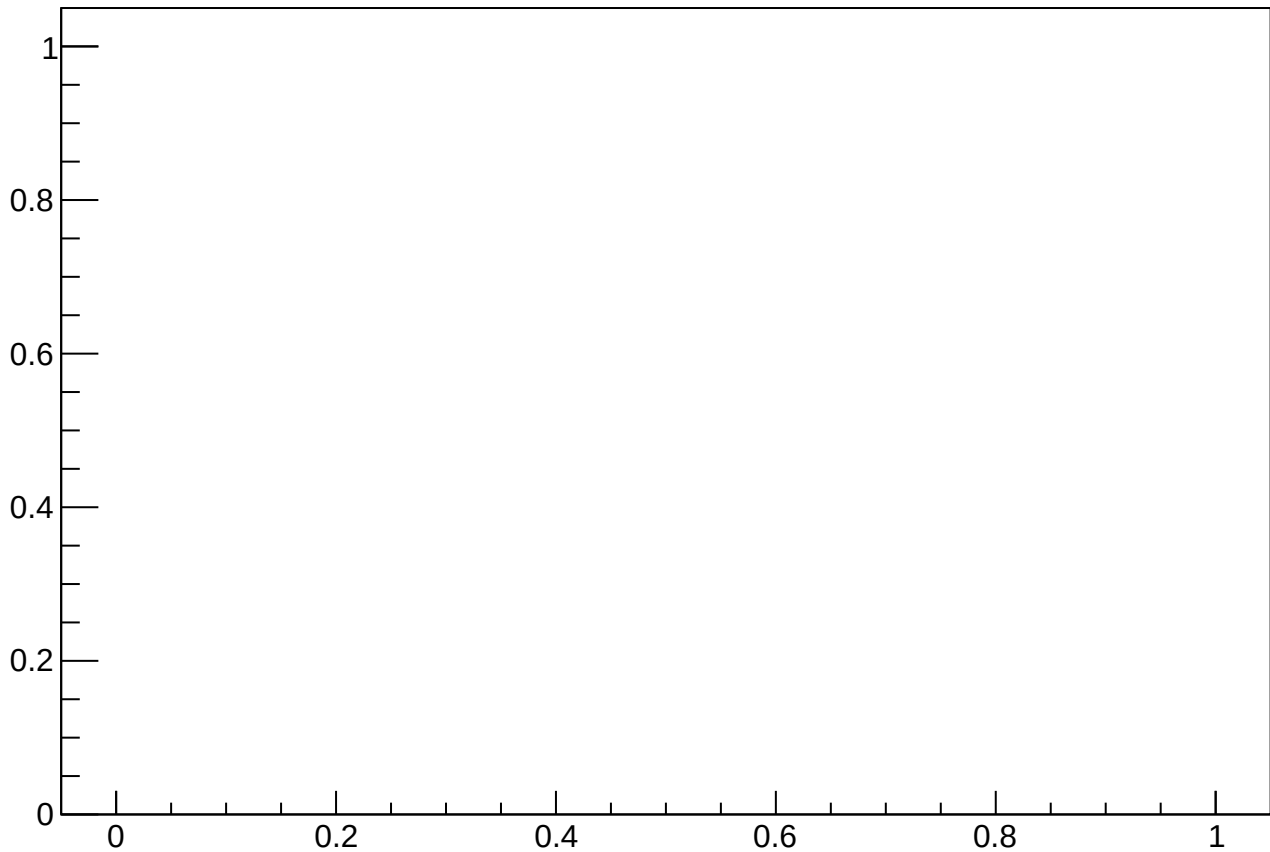
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

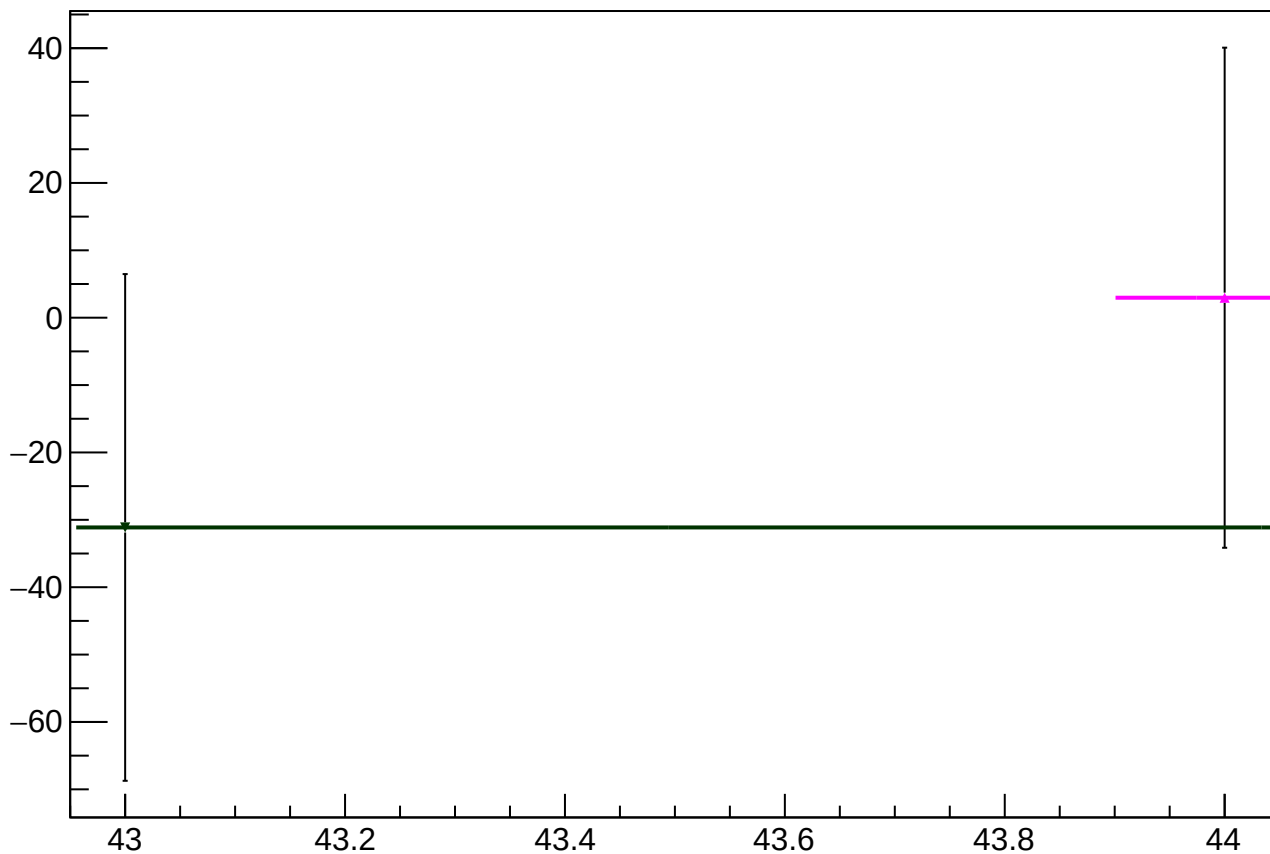
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

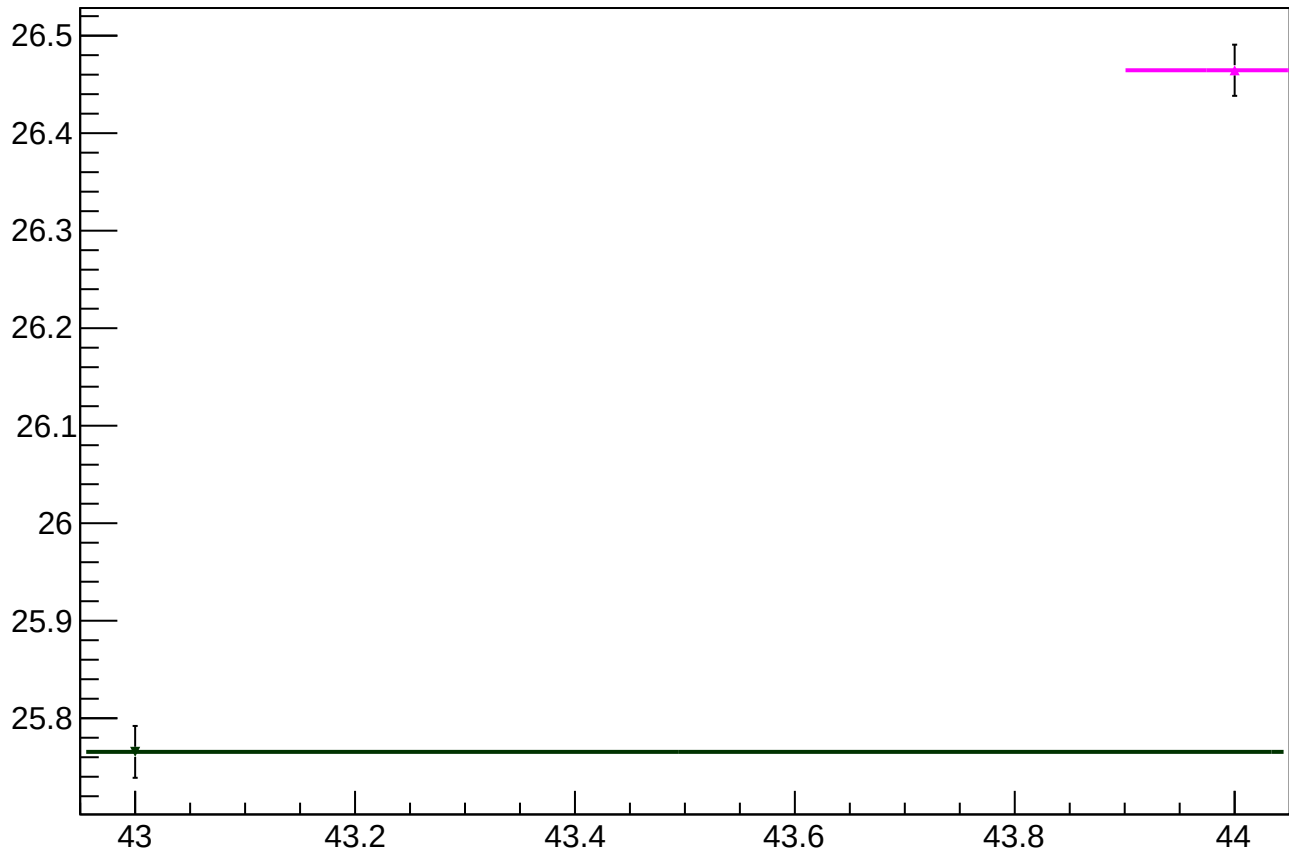
-31.130+/-37.603 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

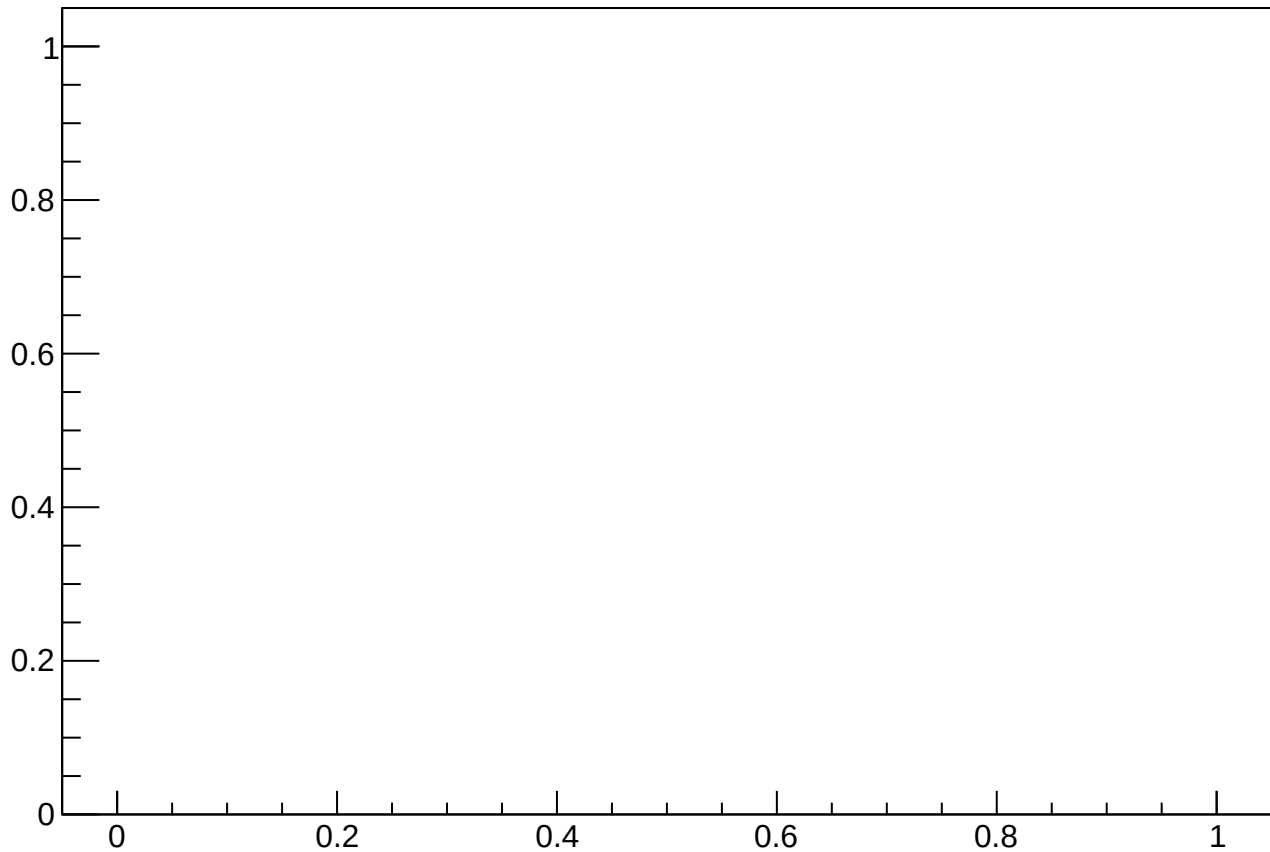
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

25.766 $\pm$ 0.027 χ^2/NDF : 0.0/0

26.465 $\pm$ 0.026 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

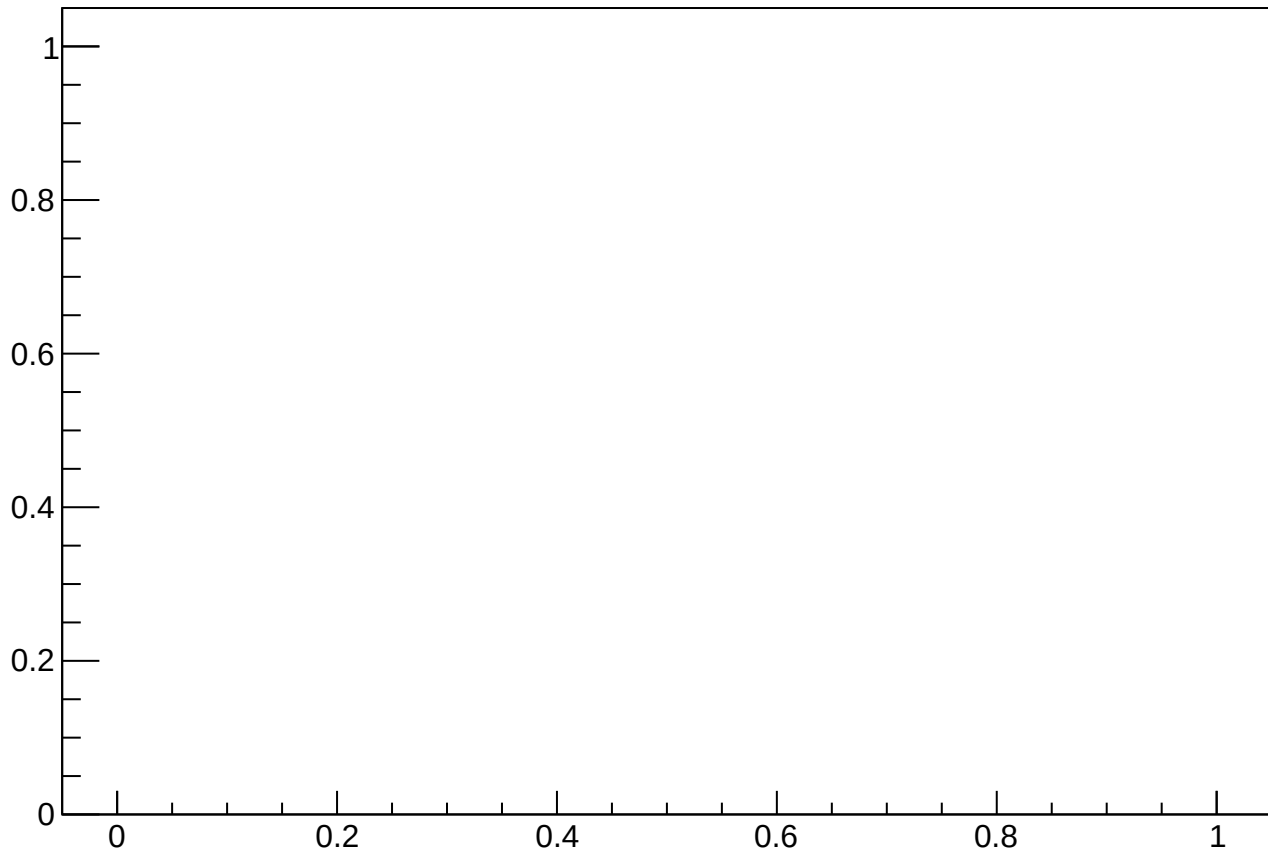
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

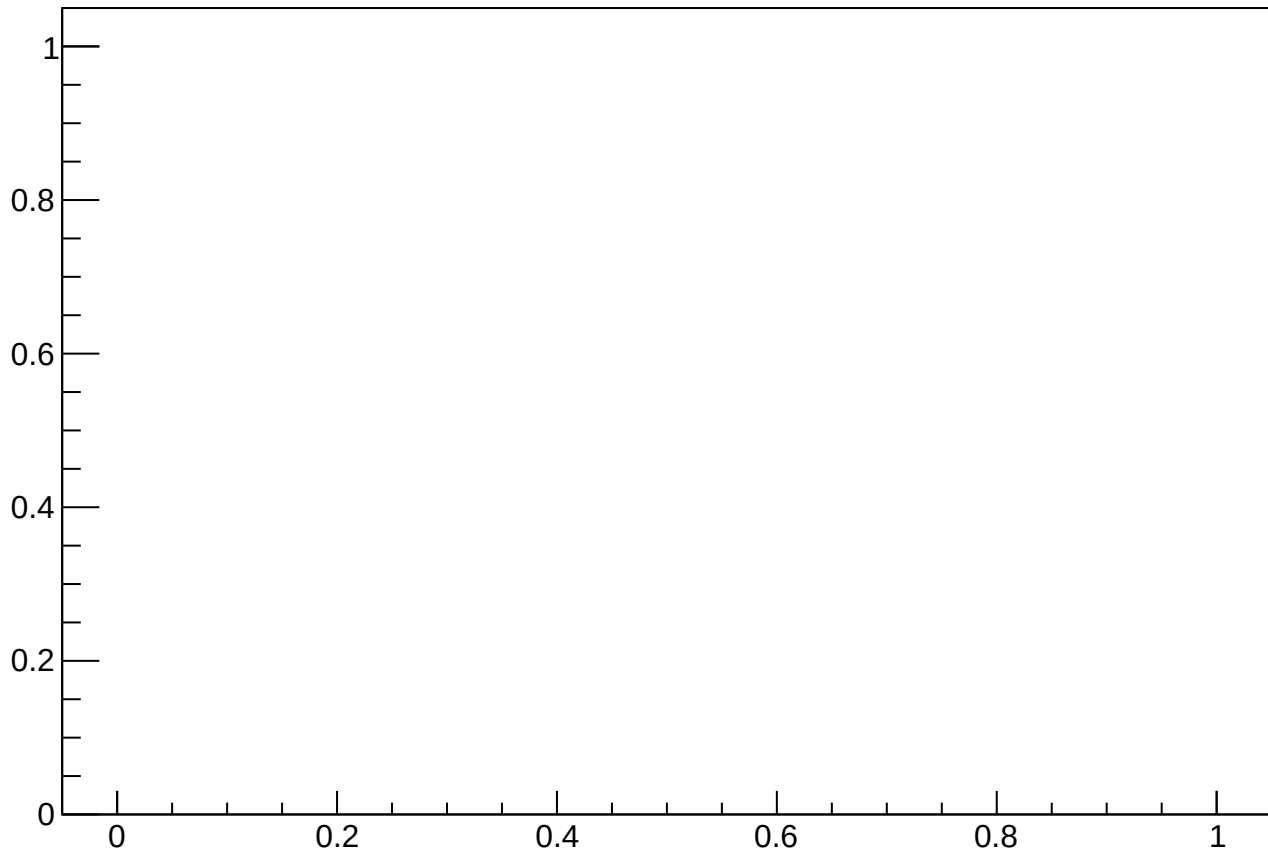
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds_avg_rms vs slug



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

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

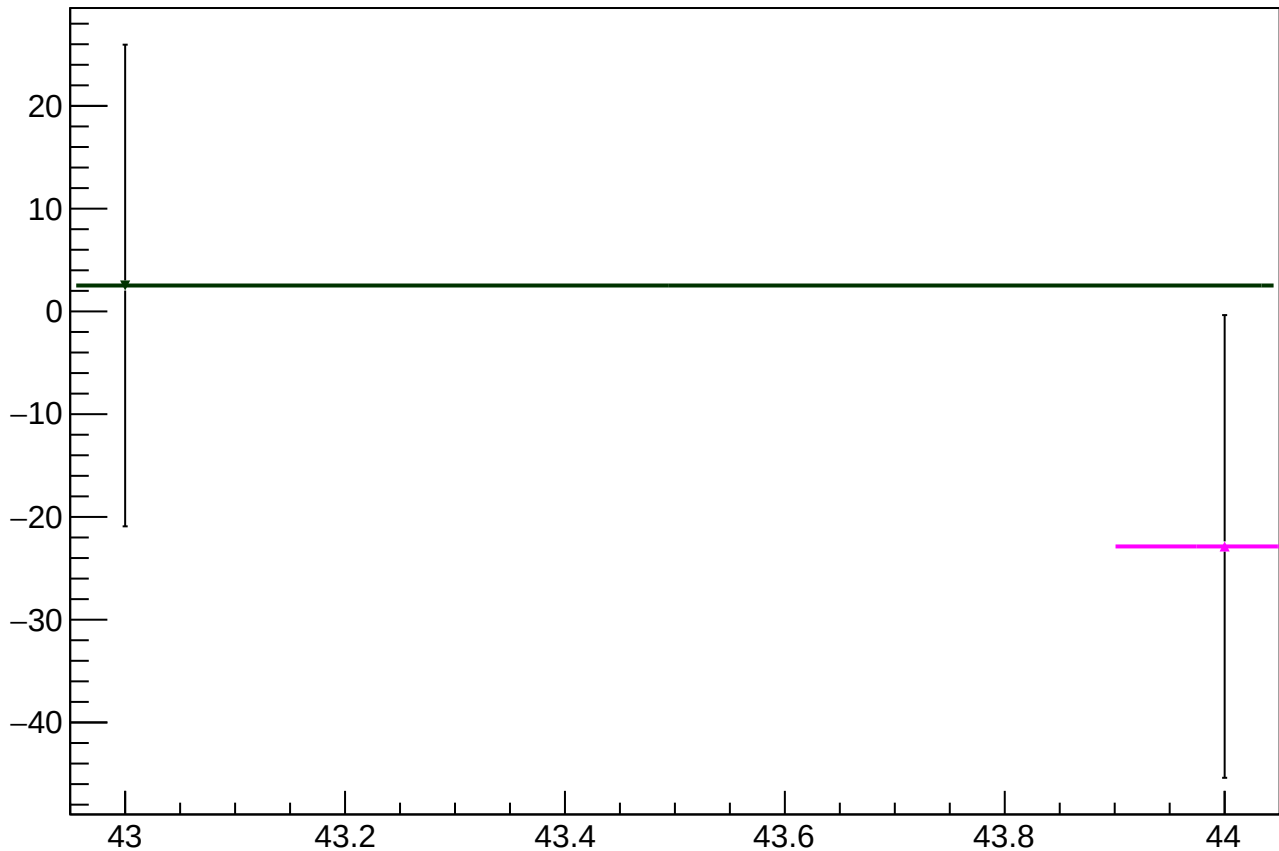
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

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

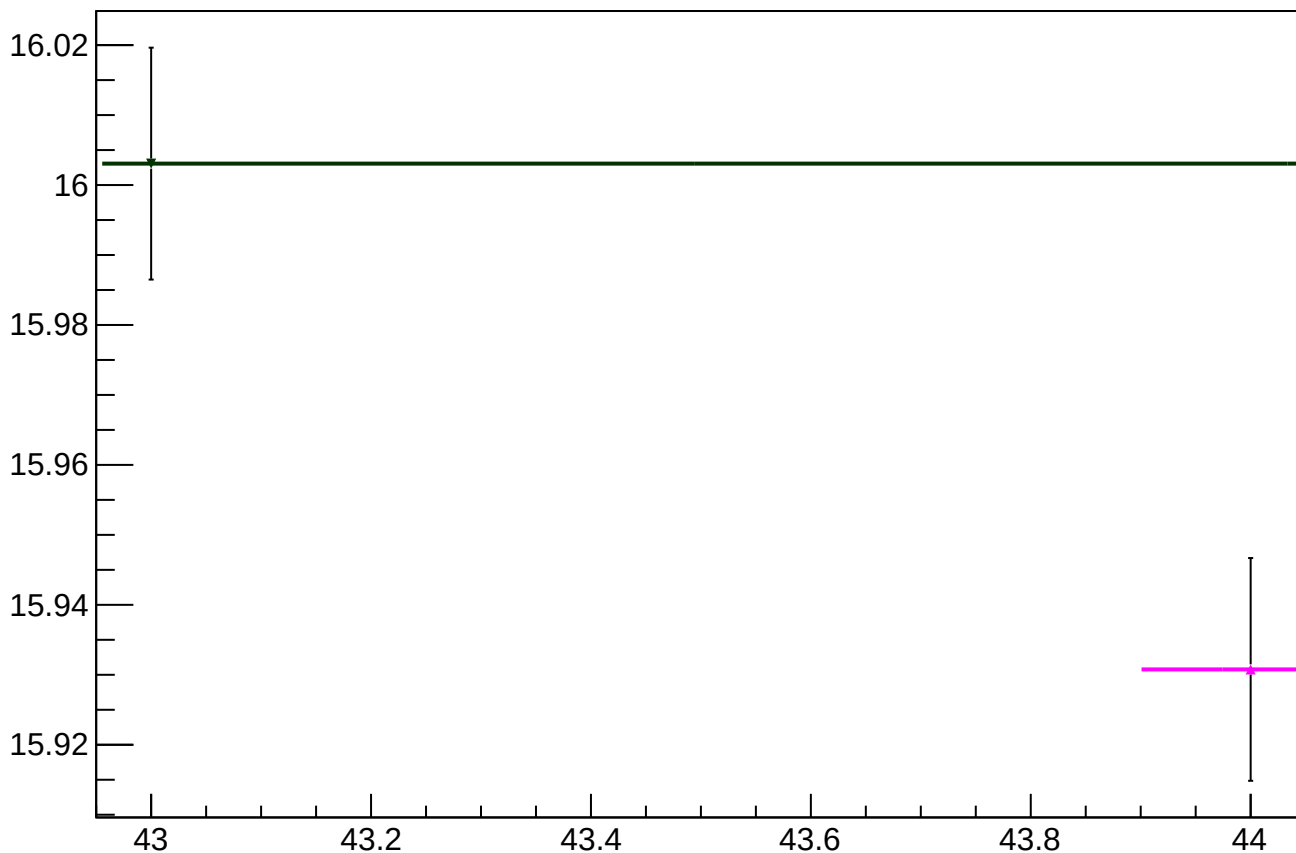
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2.521 $\pm$ 23.436 χ^2 /NDF: 0.0/0

-22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



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

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

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

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

16.003+/-0.017 χ^2/NDF : 0.0/0

15.931+/-0.016 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

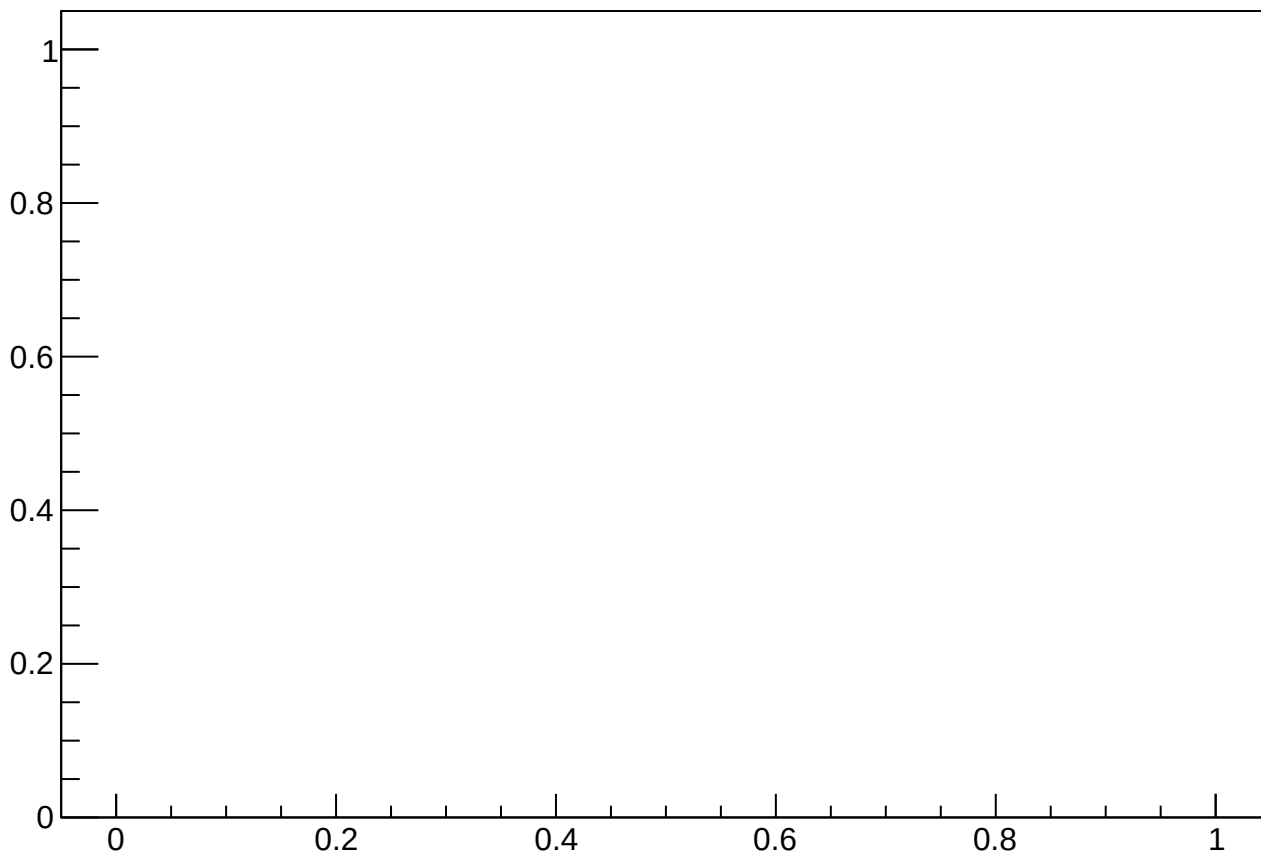
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

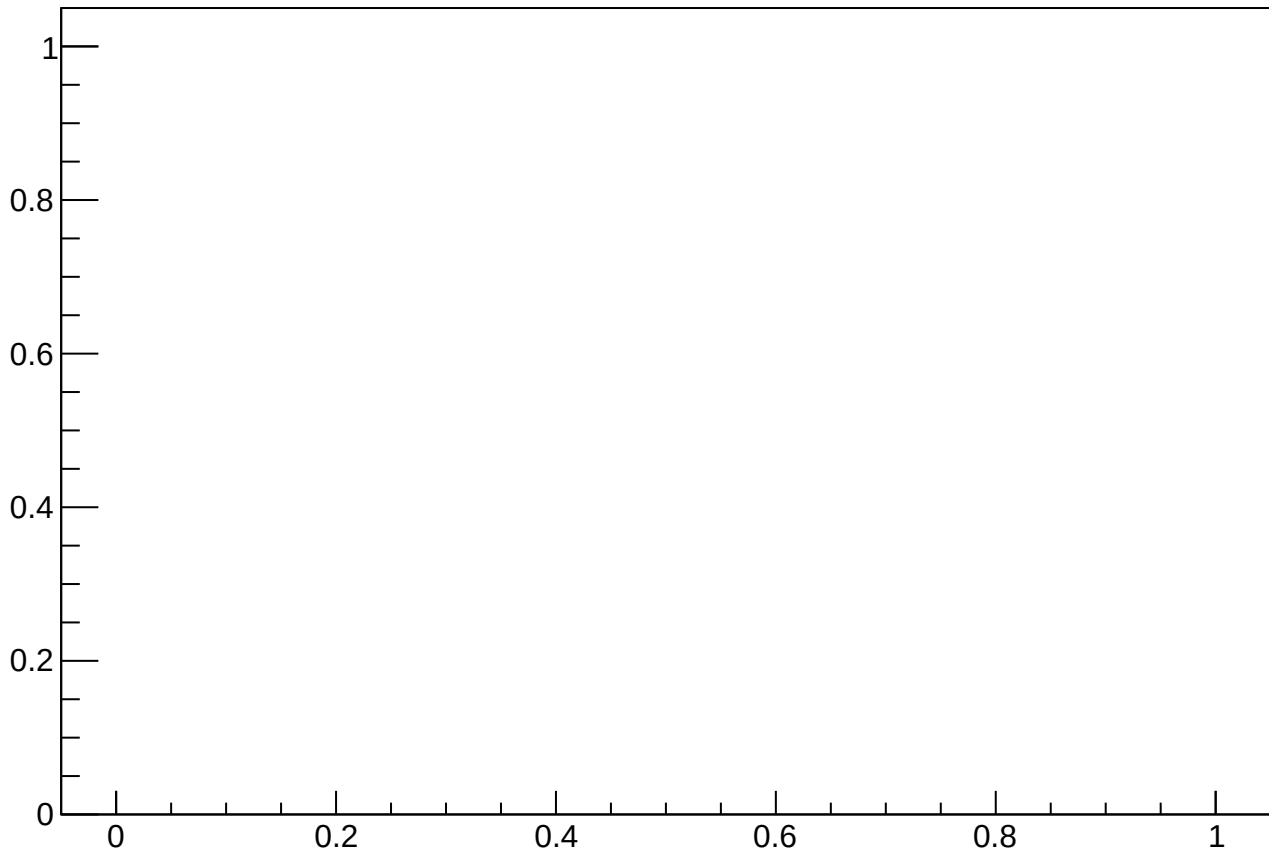
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

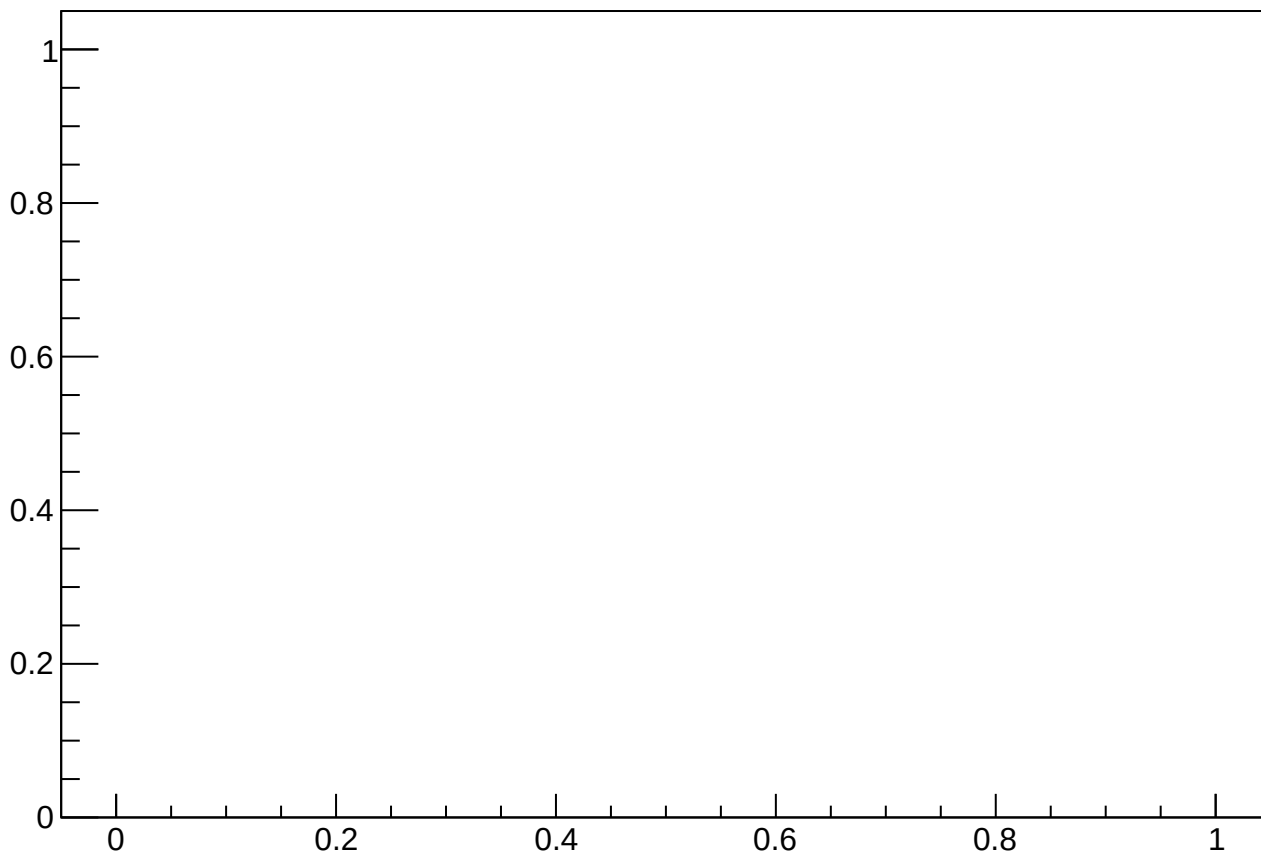
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_cav4cQ_ds_dd _mean vs slug



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

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

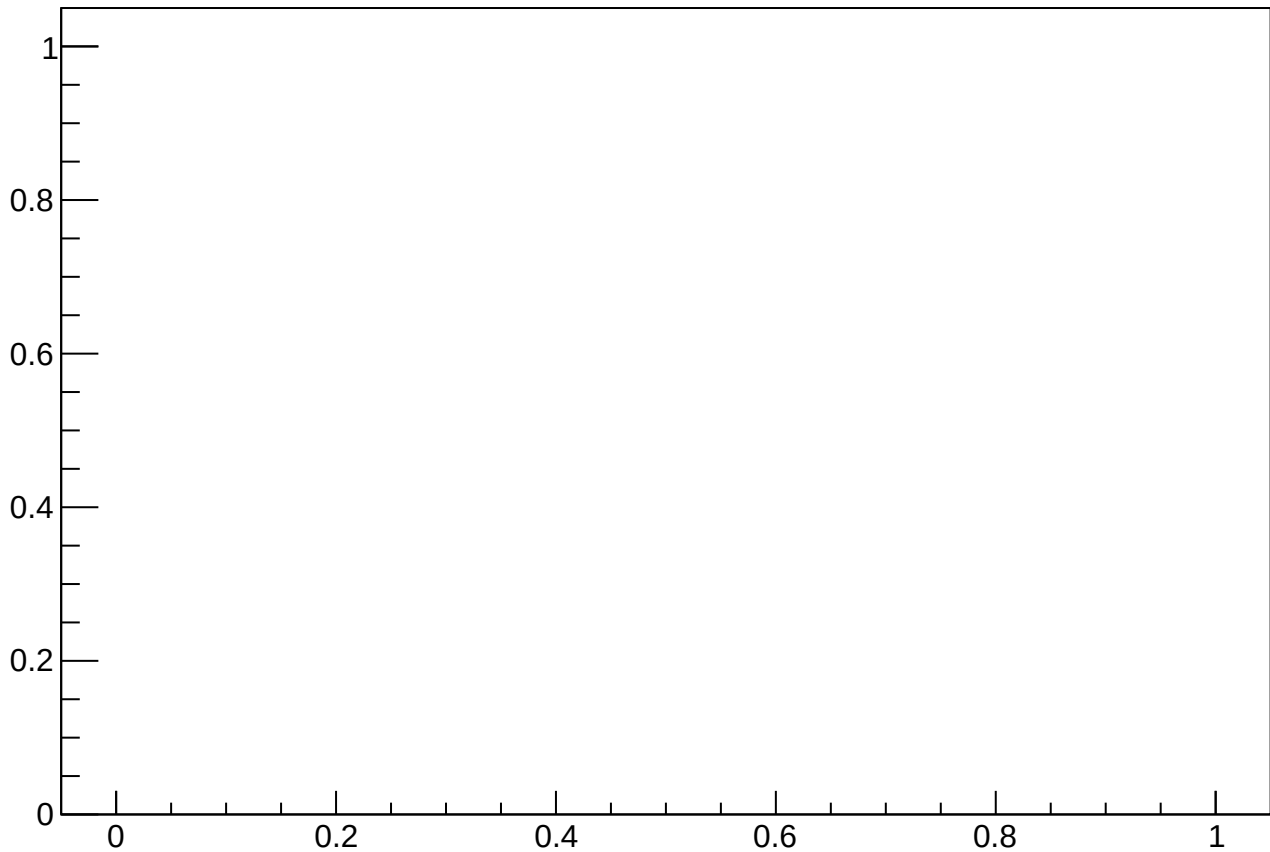
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

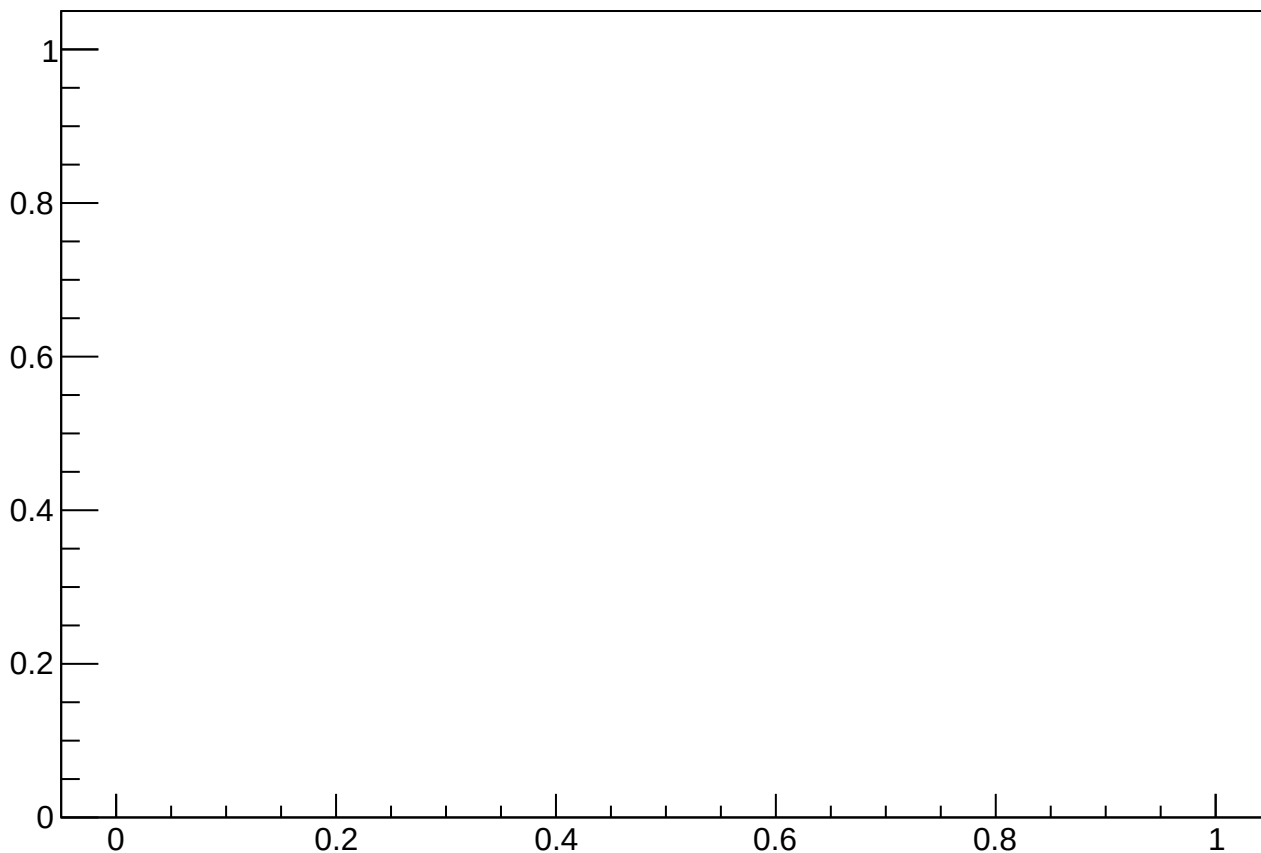
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

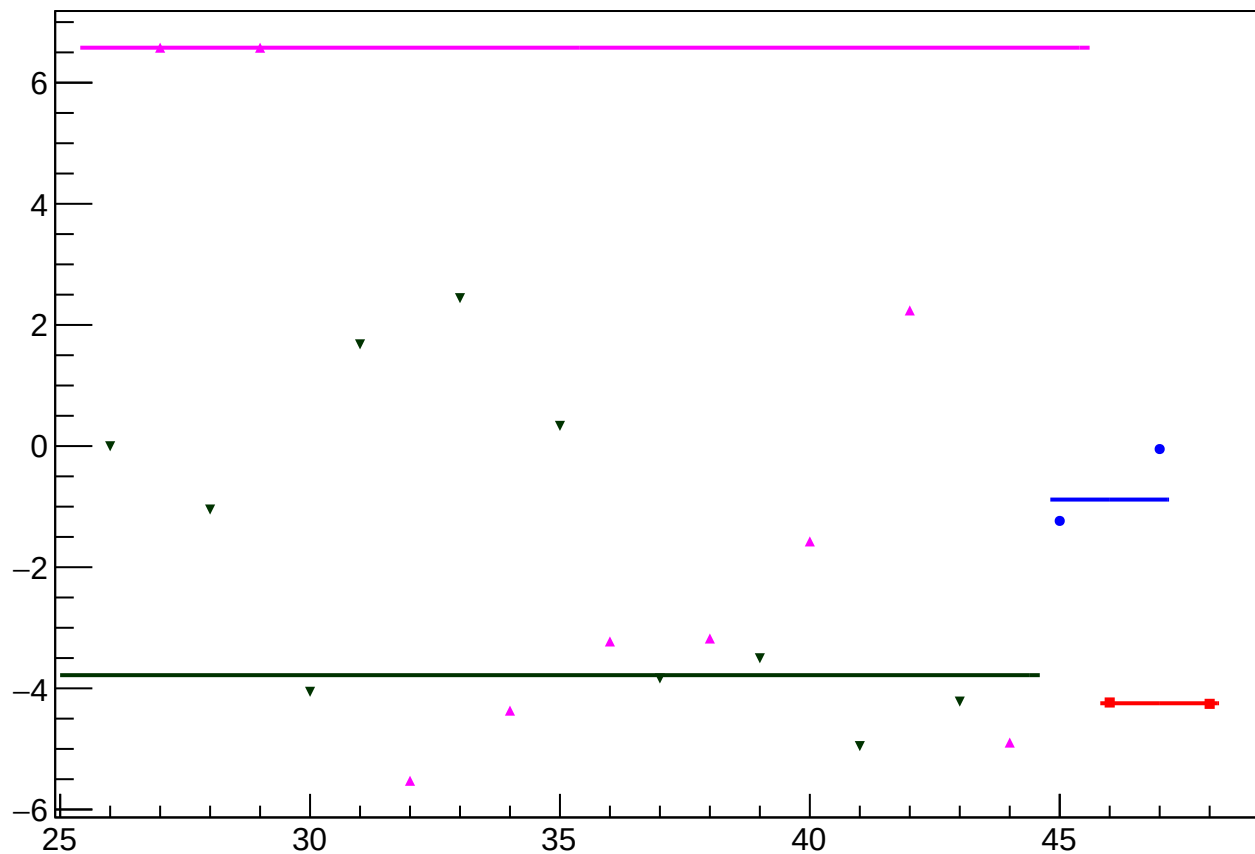
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



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

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

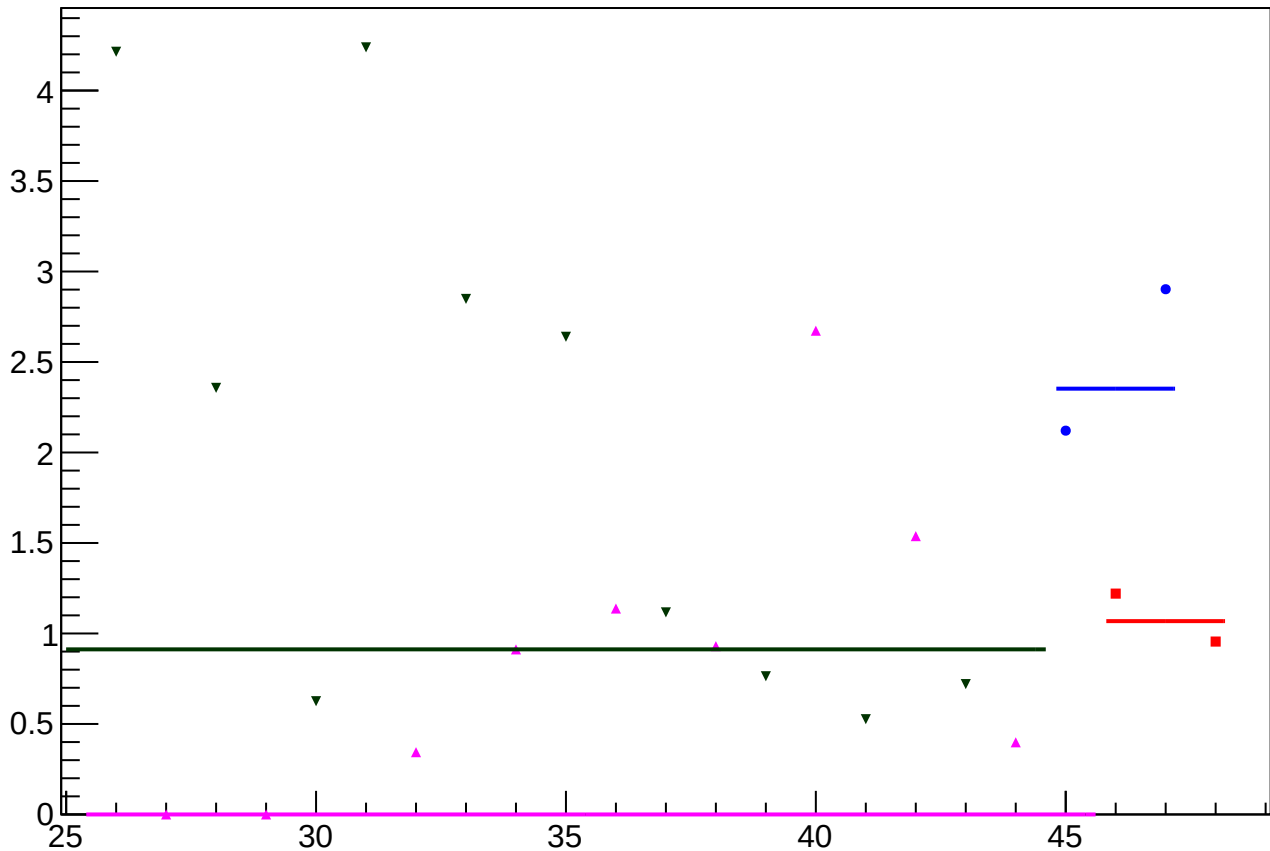
Right Out: -4.246 ± 0.002 χ^2/NDF : 53.8/1

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 : 874617751.6/10

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

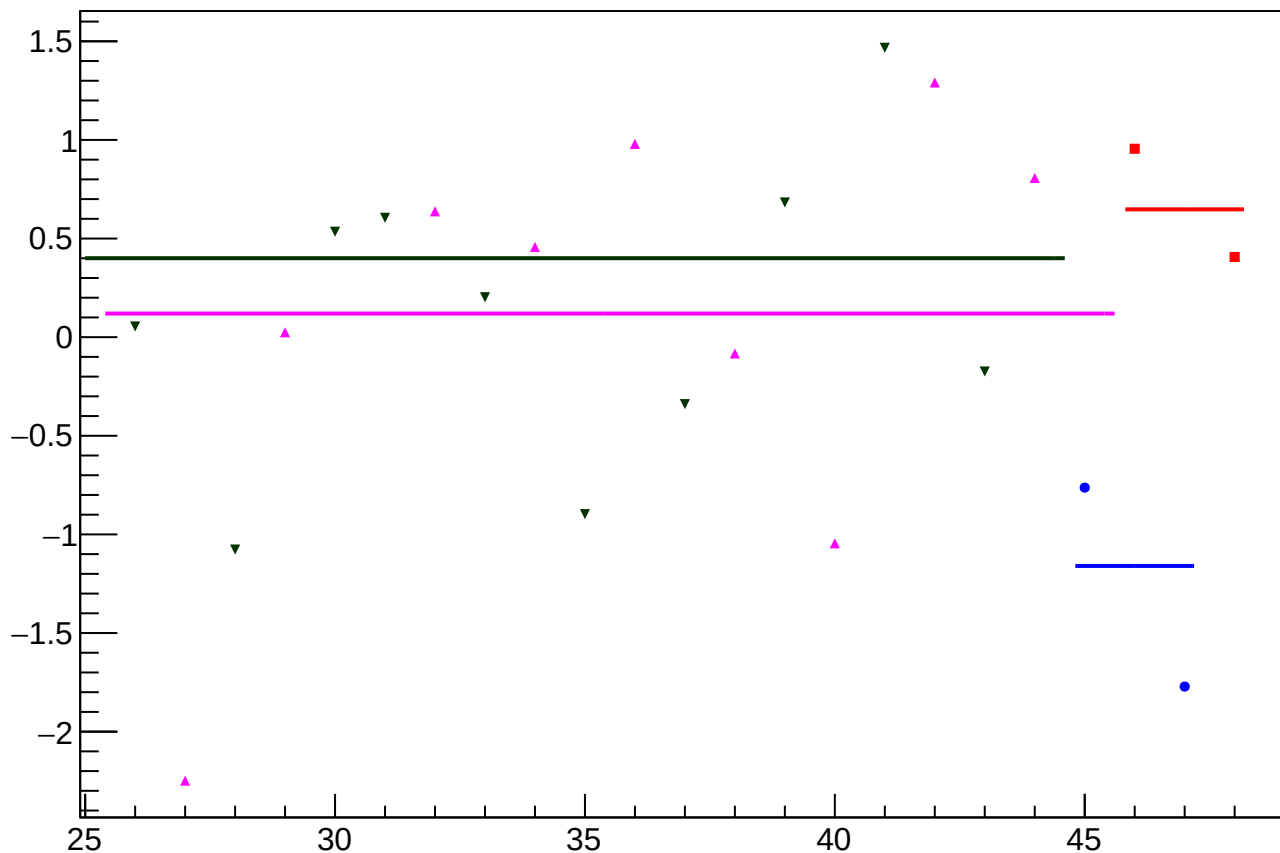
Right Out: 1.068 $\pm$ 0.001 χ^2/NDF : 15182.6/1

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 : 5664001.0/10

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

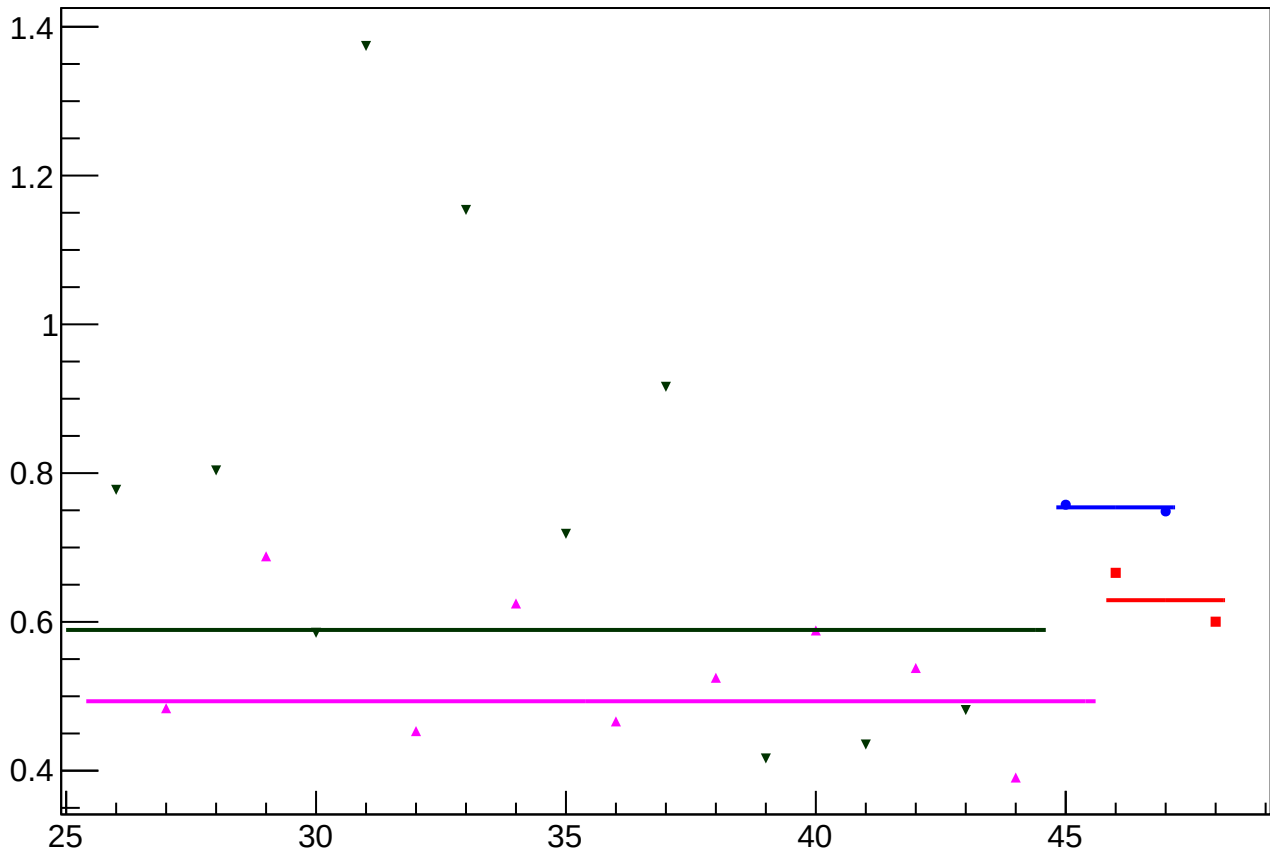
Right Out: 0.648+/-0.001 χ^2/NDF : 122723.4/1

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

0.224+/-0.000 χ^2/NDF : 9787776.4/11

0.170+/-0.000 χ^2/NDF : 20636132.5/10

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

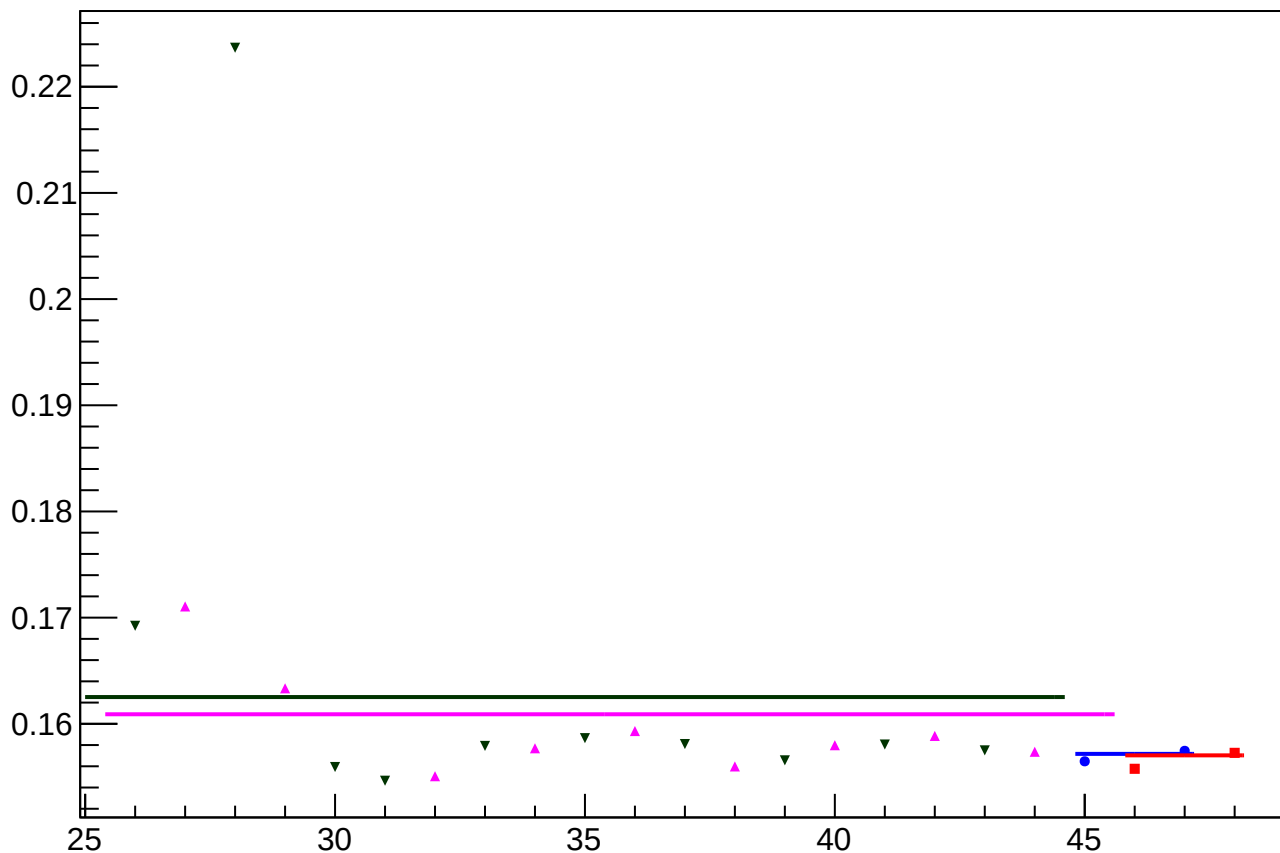
0.608+/-0.000 χ^2/NDF : 951620.9/11

Right Out: 0.629+/-0.001 χ^2/NDF : 3516.6/1

0.506+/-0.000 χ^2/NDF : 273915.3/10

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

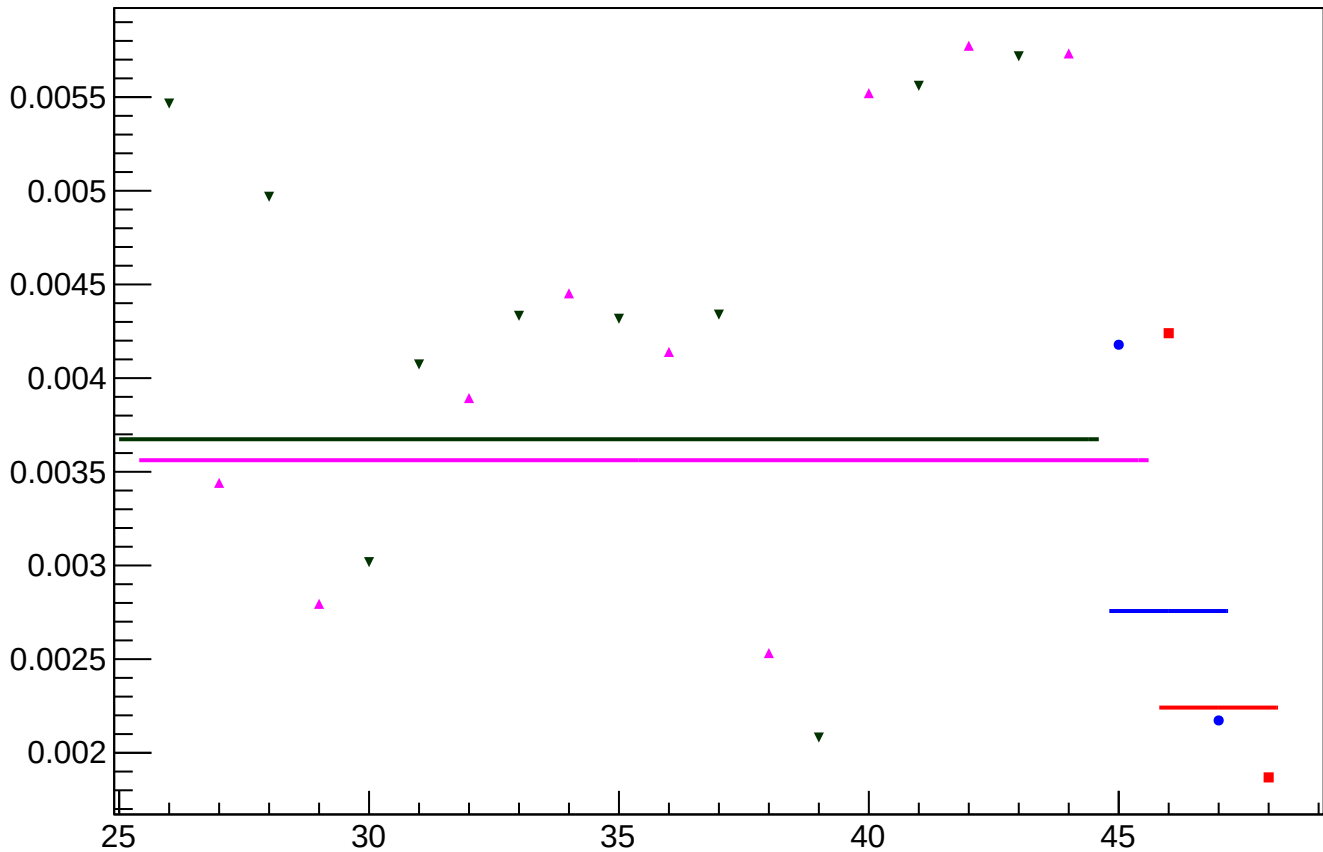
Right Out: 0.157 ± 0.000 χ^2/NDF : 40388.7/1

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

0.161 ± 0.000 χ^2/NDF : 104271447.0/11

0.160 ± 0.000 χ^2/NDF : 13206441.6/10

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

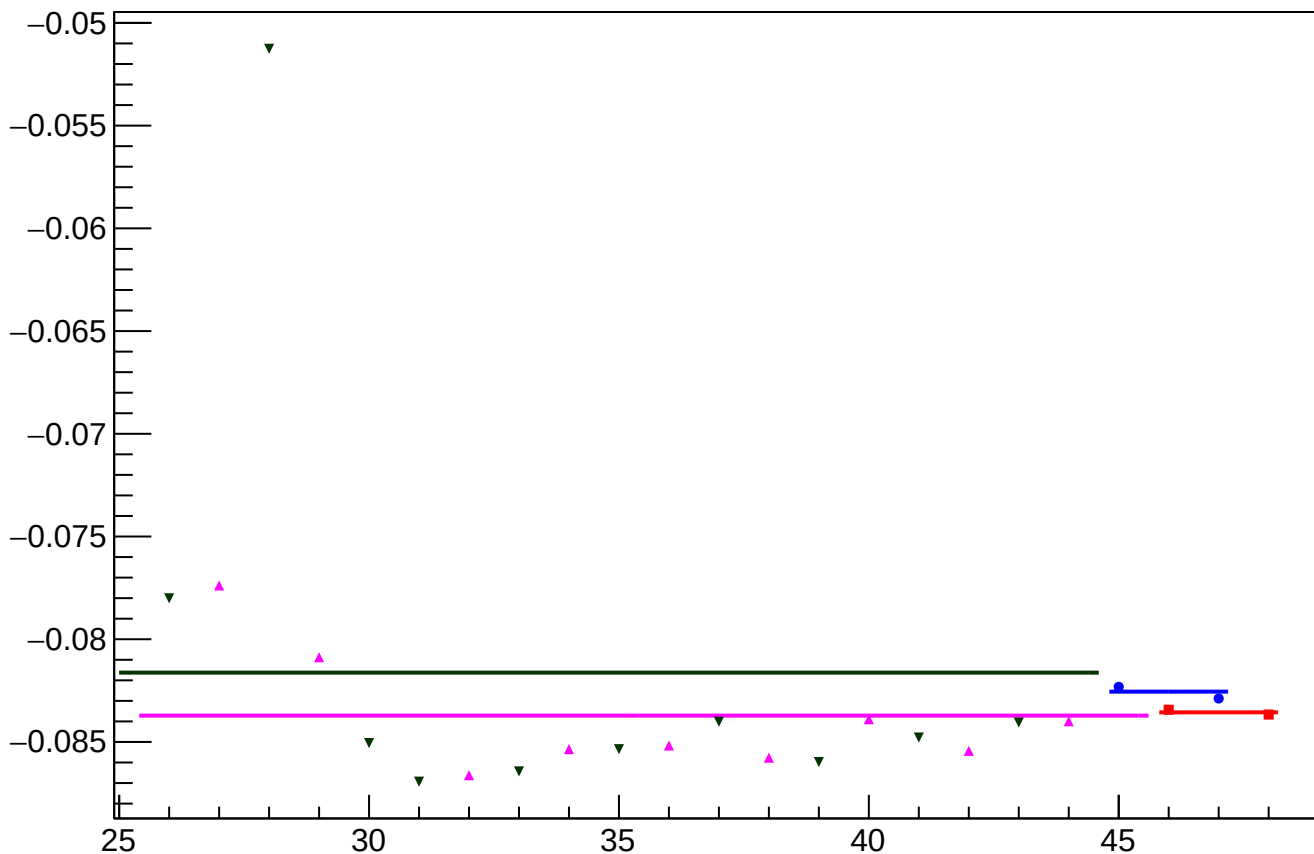
Right Out: 0.002+/-0.000 χ^2/NDF : 201259.6/1

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

0.003+/-0.000 χ^2/NDF : 1372083.2/11

0.003+/-0.000 χ^2/NDF : 1301062.5/10

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

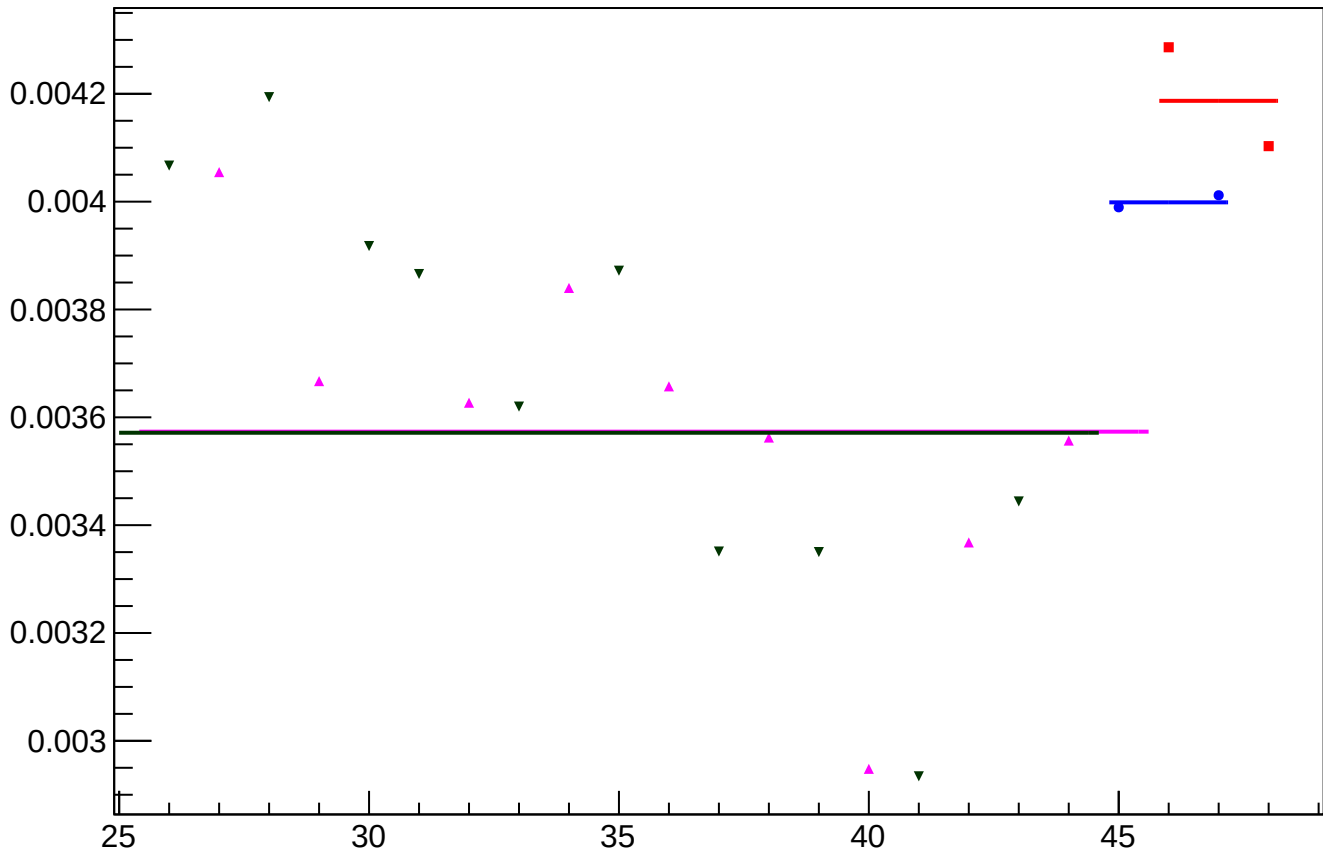
Right Out: -0.084+/-0.000 χ^2/NDF : 645.0/1

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

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

-0.084+/-0.000 χ^2/NDF : 3522141.9/10

yield_cav4cY_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 15.4/1

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:122018.5/9

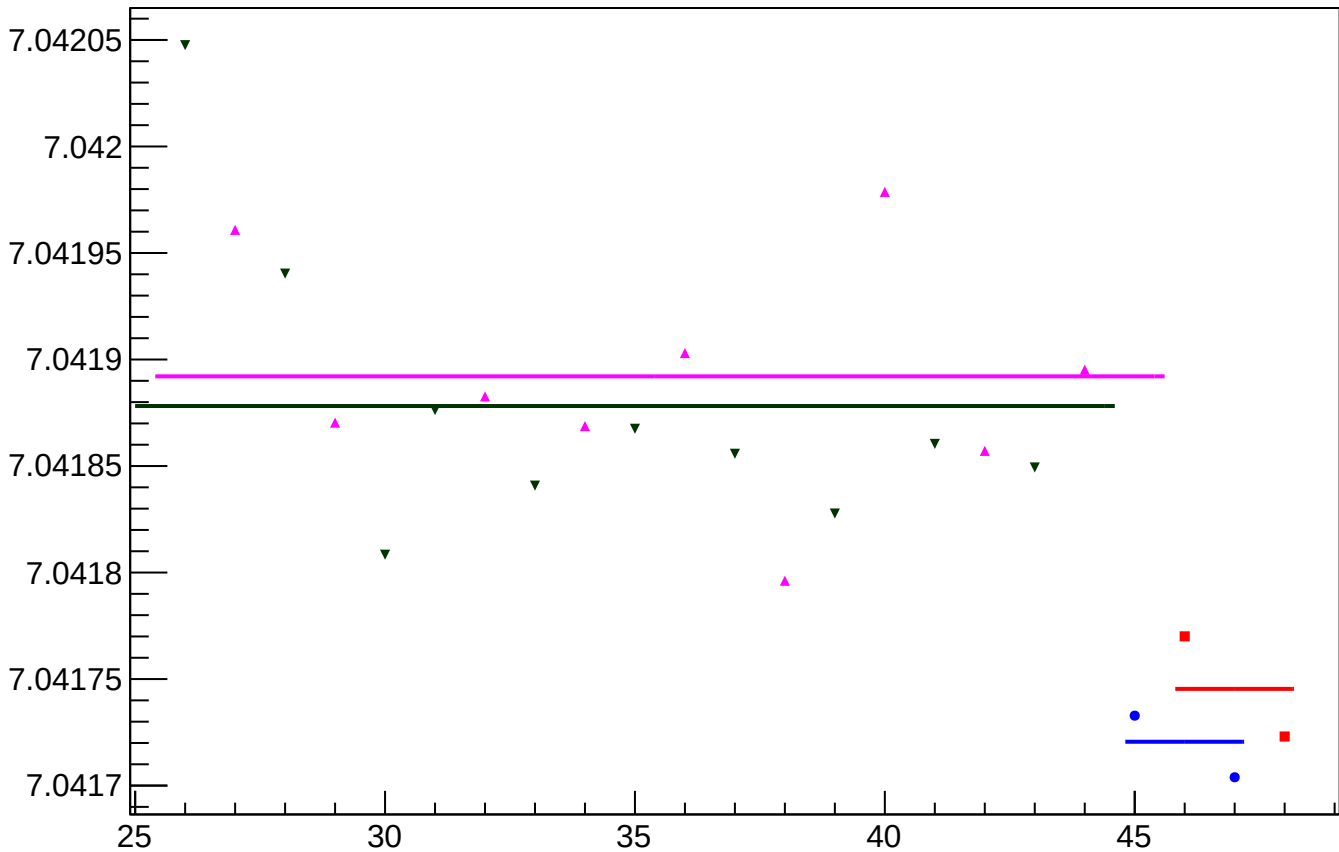
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 787.1/1

Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:77539.3/8

0.004 $\pm$ 0.000 χ^2 /NDF: 141906.4/11

0.004 $\pm$ 0.000 χ^2 /NDF: 110282.6/10

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

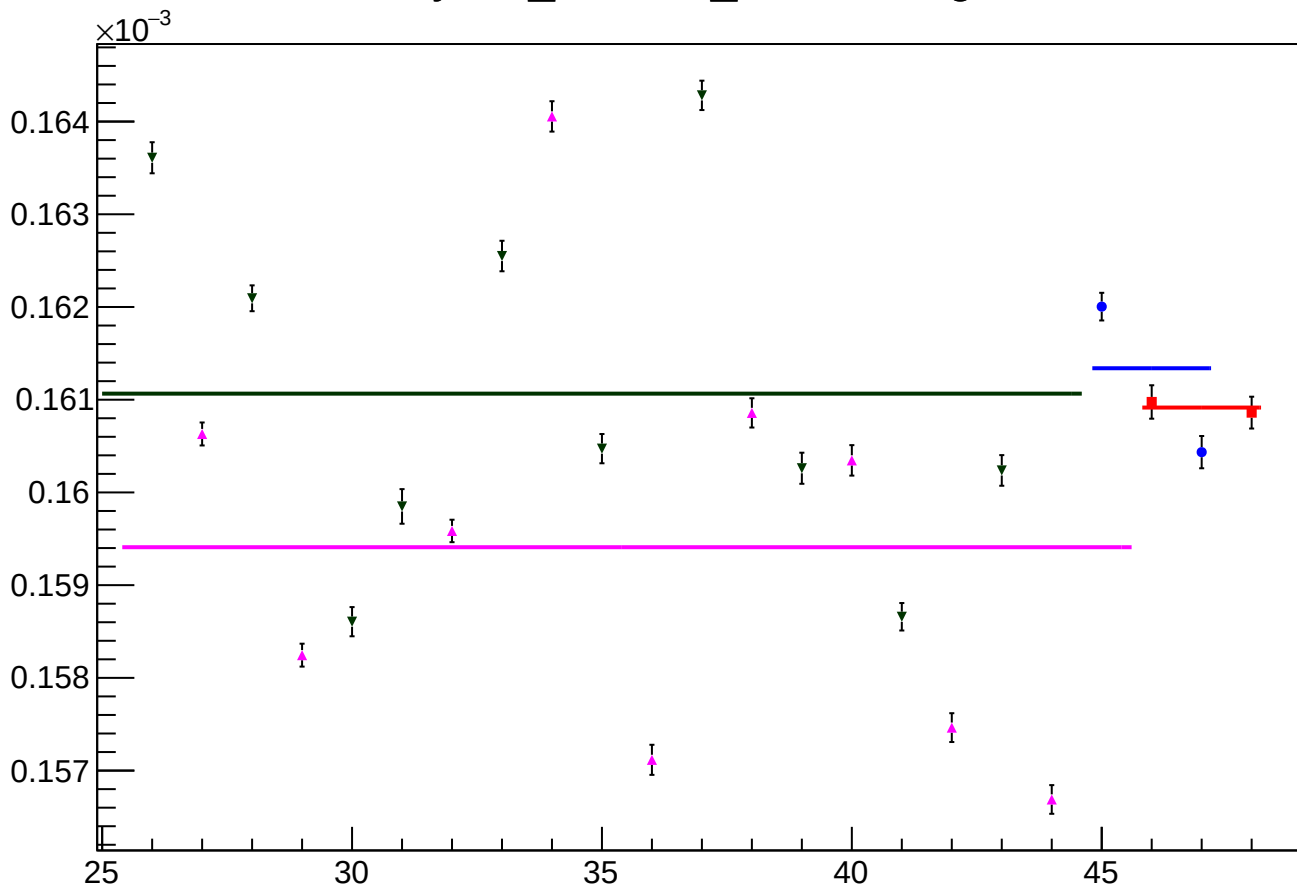
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 17829.7/1

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: 1157787.0/10

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

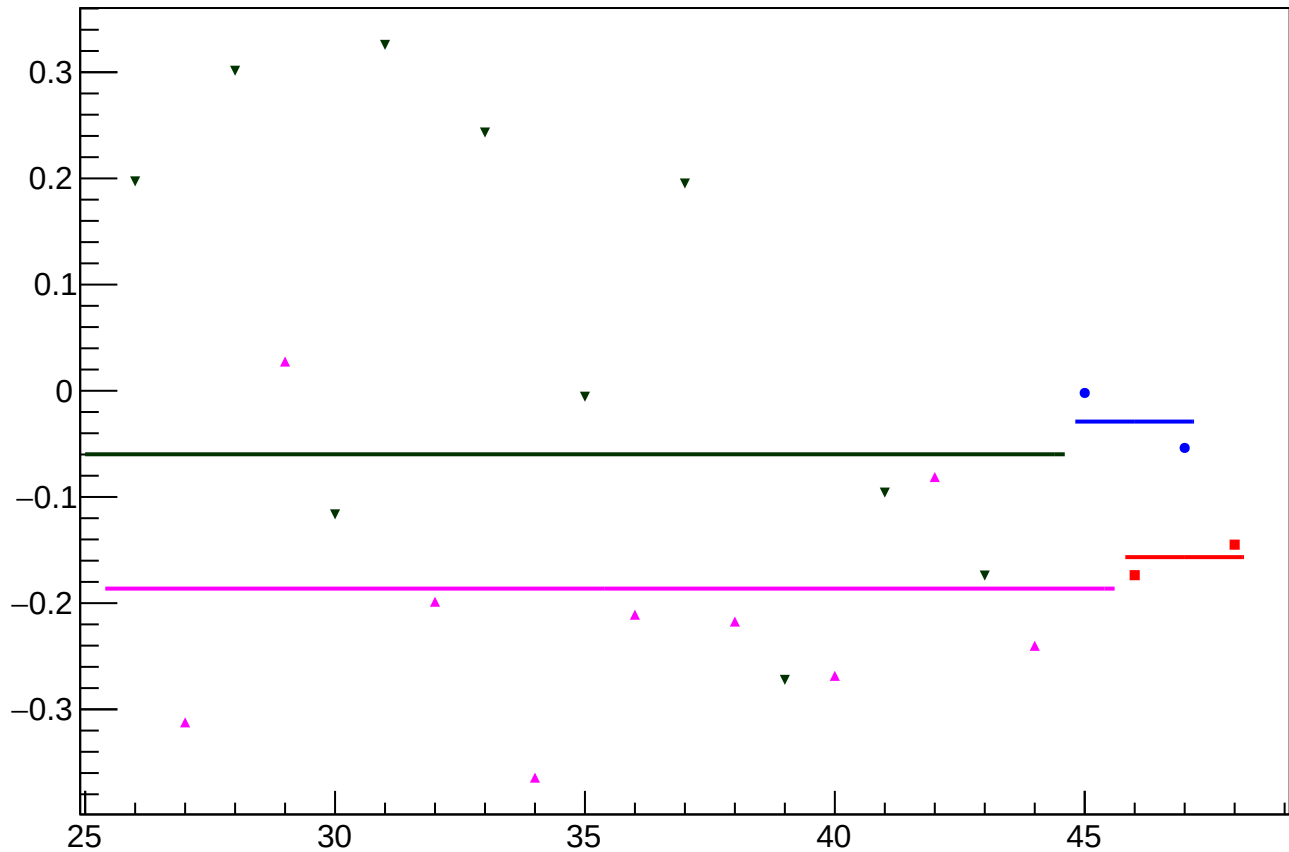
Right Out: 0.000+/-0.000 χ^2/NDF : 0.2/1

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 : 1903.0/10

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

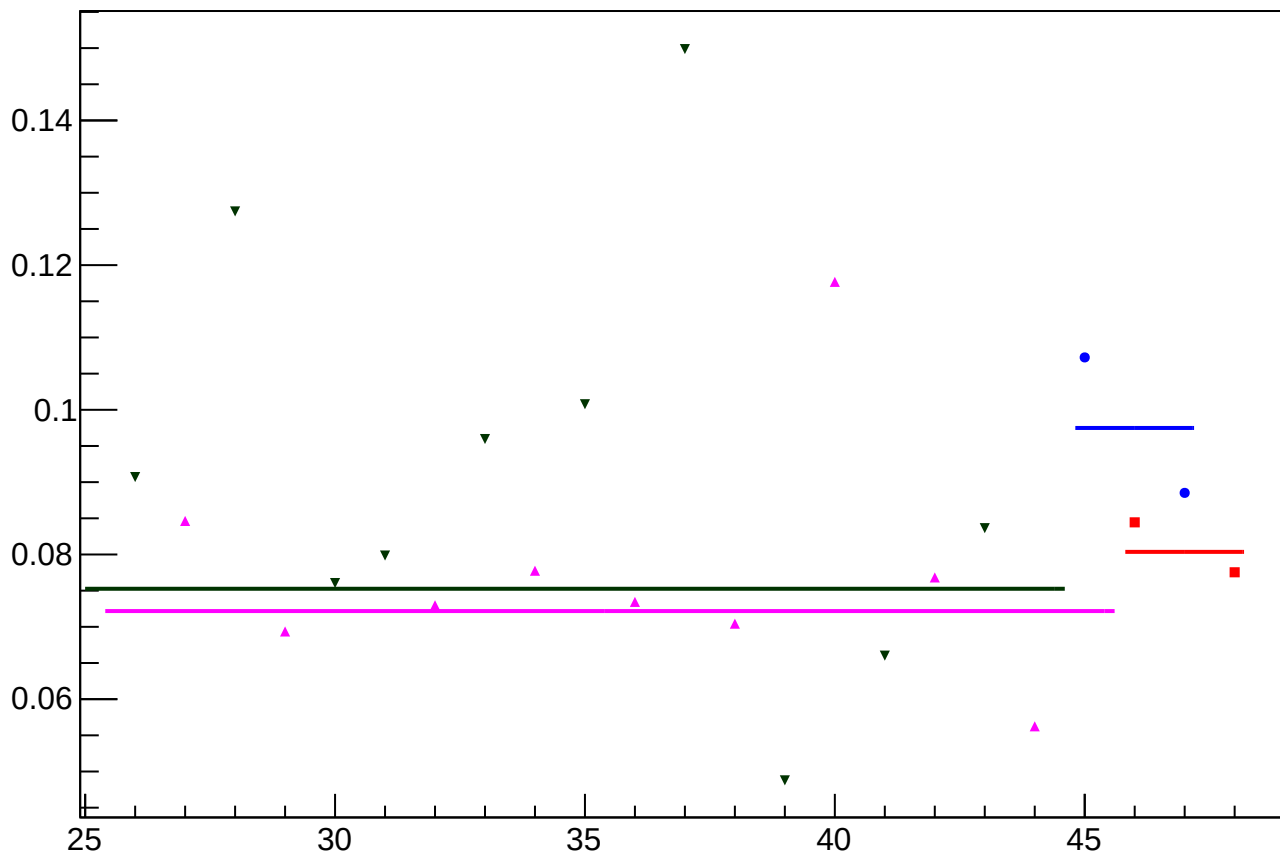
-0.056+/-0.000 χ^2/NDF : 19612792.0/11

Right Out: -0.157+/-0.000 χ^2/NDF : 16413.7/1

-0.183+/-0.000 χ^2/NDF : 8441727.8/10

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

yield_cav4dY_rms vs slug



Right In: 0.097 $\pm$ 0.000 χ^2 /NDF: 12993.9/1

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

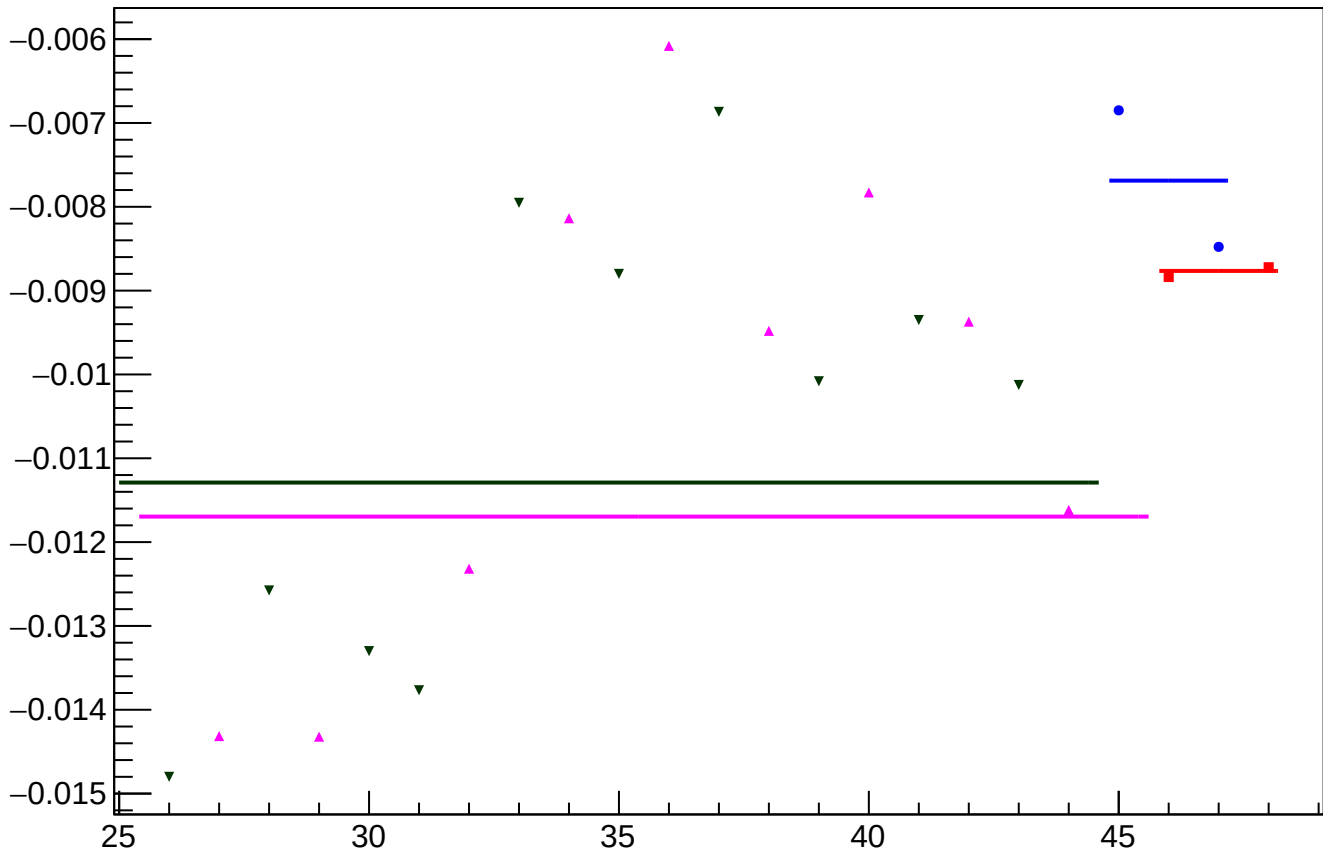
Right Out: 0.080 $\pm$ 0.000 χ^2 /NDF: 1893.6/1

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

0.078 $\pm$ 0.000 χ^2 /NDF: 657387.6/11

0.073 $\pm$ 0.000 χ^2 /NDF: 205956.4/10

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

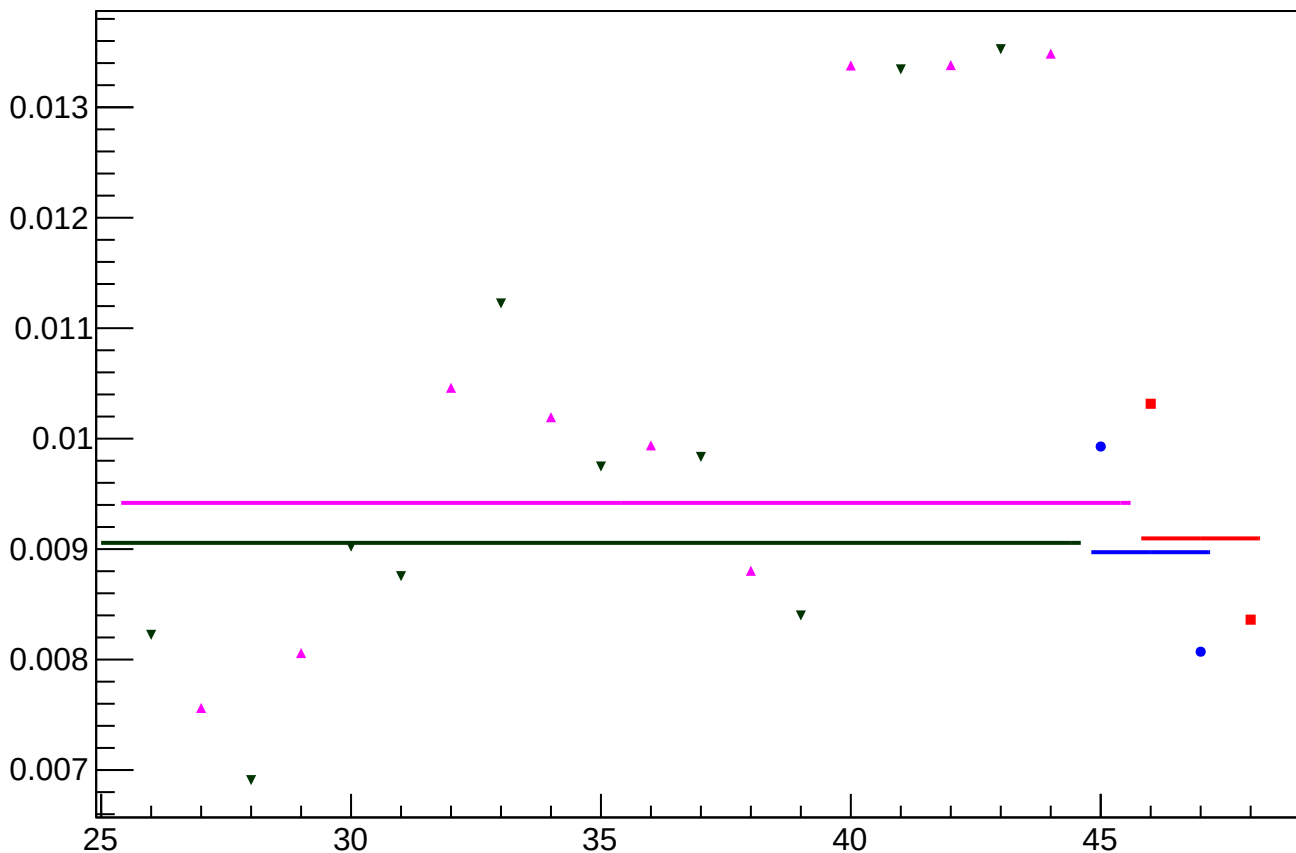
Right Out: -0.009+/-0.000 χ^2/NDF : 31.6/1

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

-0.011+/-0.000 χ^2/NDF : 521699.2/11

-0.011+/-0.000 χ^2/NDF : 566576.8/10

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

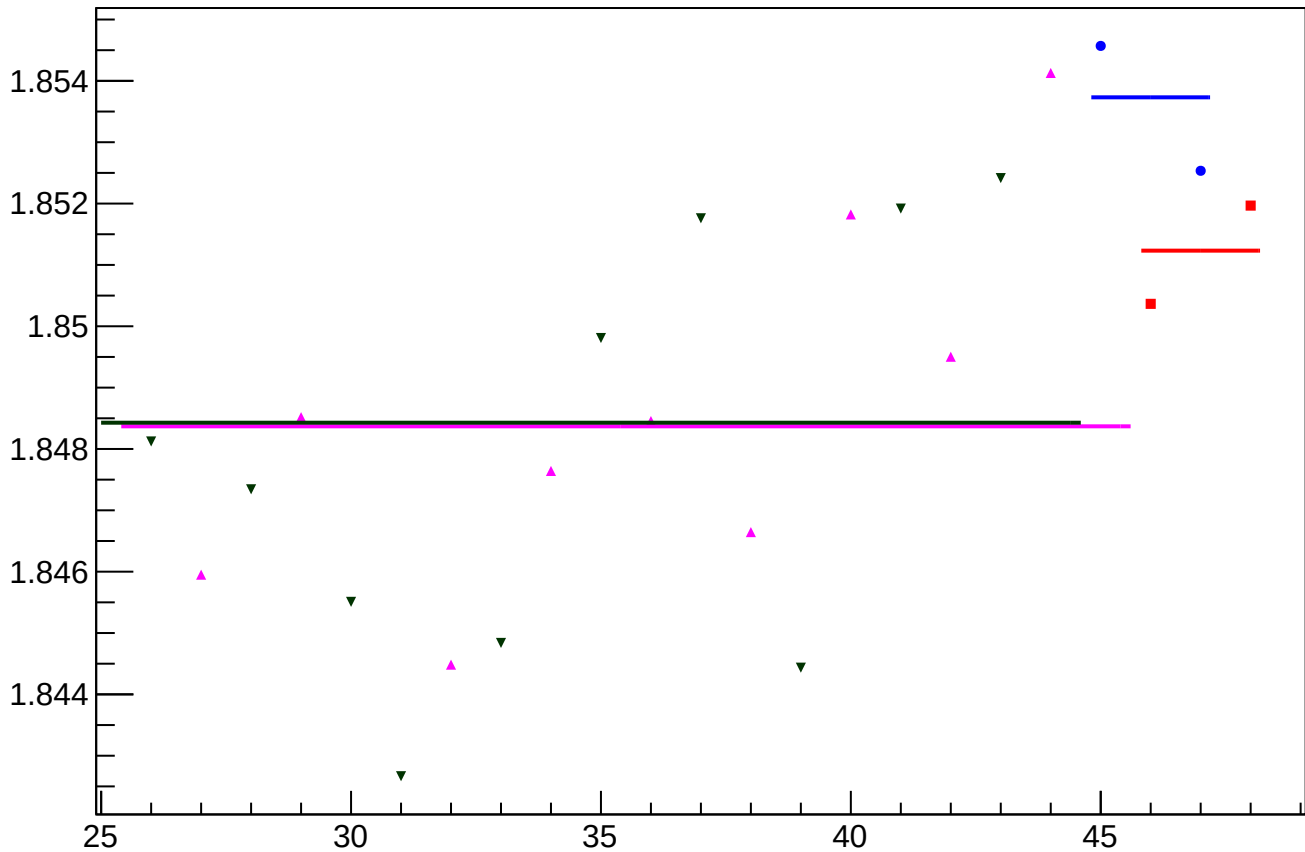
Right Out: 0.009+/-0.000 χ^2/NDF : 17845.6/1

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 : 467725.3/10

yield_bpm4aY_mean vs slug



Right In: 1.854 $\pm$ 0.000 χ^2/NDF : 4173.8/1

Left Out: 1.848 $\pm$ 0.000 χ^2/NDF : 272295.3/9

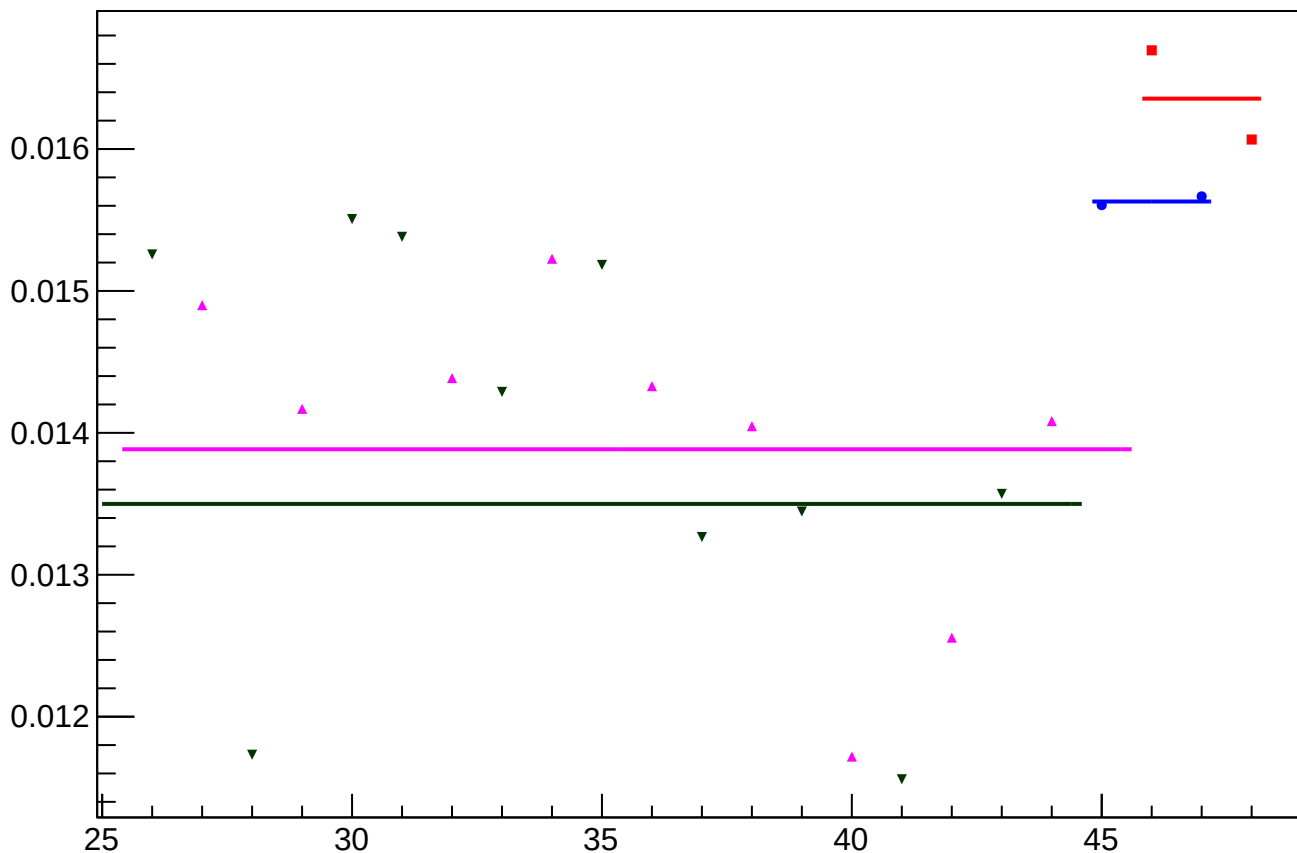
Right Out: 1.851 $\pm$ 0.000 χ^2/NDF : 1961.0/1

Left In: 1.848 $\pm$ 0.000 χ^2/NDF : 226340.4/8

1.849 $\pm$ 0.000 χ^2/NDF : 377688.9/11

1.849 $\pm$ 0.000 χ^2/NDF : 251079.4/10

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

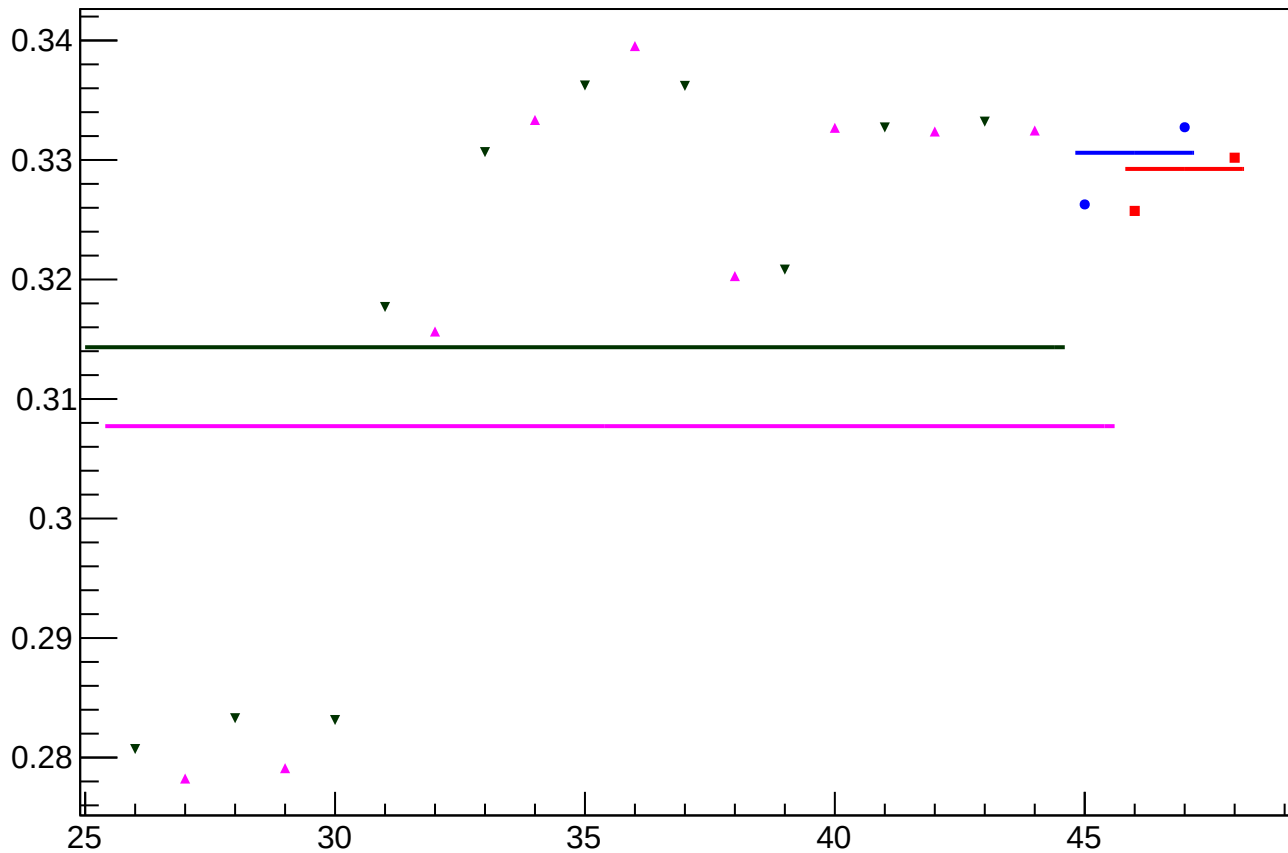
Right Out: 0.016+/-0.000 χ^2/NDF : 604.0/1

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 : 98385.3/10

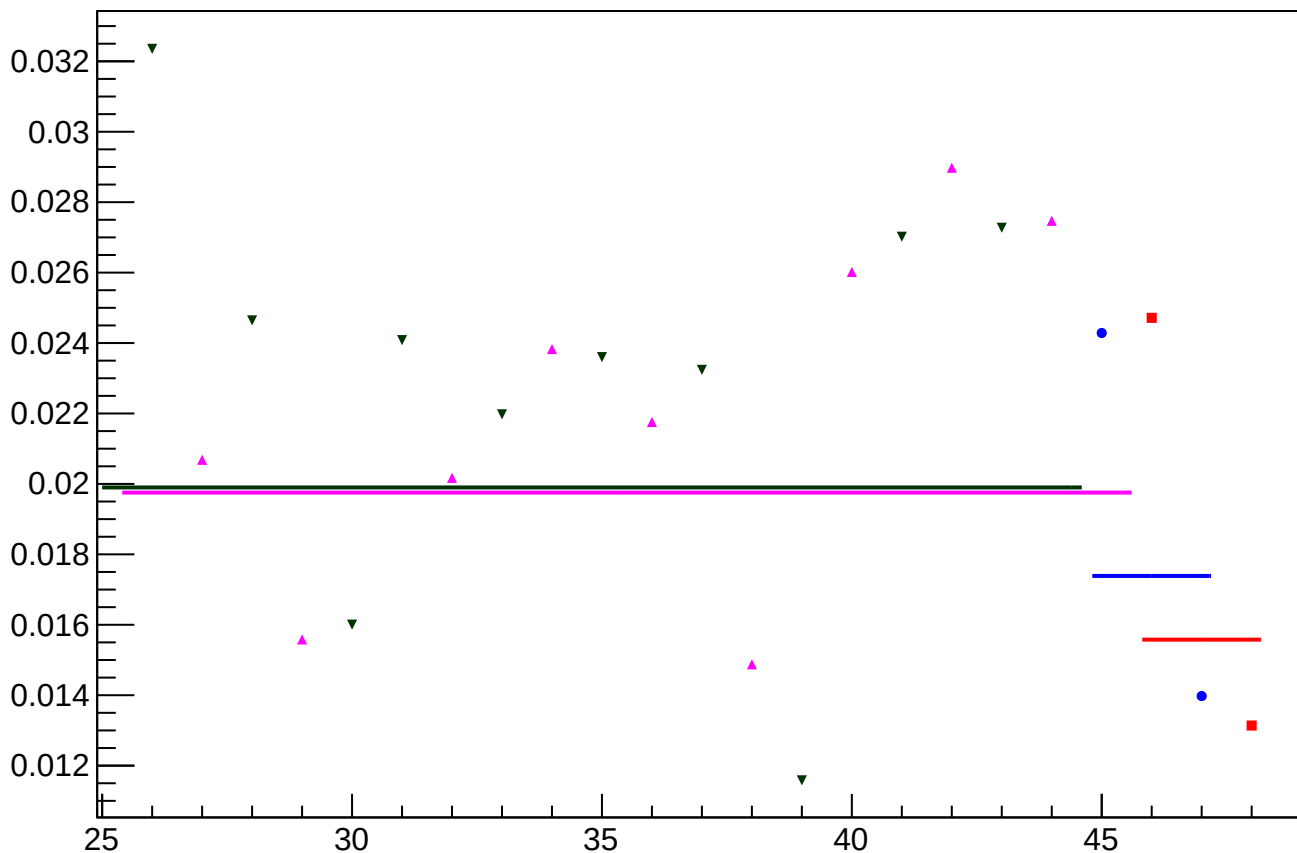
yield_bpm4eX_mean vs slug



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: 0.329+/-0.000 χ^2/NDF : 9555.5/1
 Left In: 0.308+/-0.000 χ^2/NDF : 7379435.7/8

0.318+/-0.000 χ^2/NDF : 5774722.1/11
 0.312+/-0.000 χ^2/NDF : 8483790.6/10

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

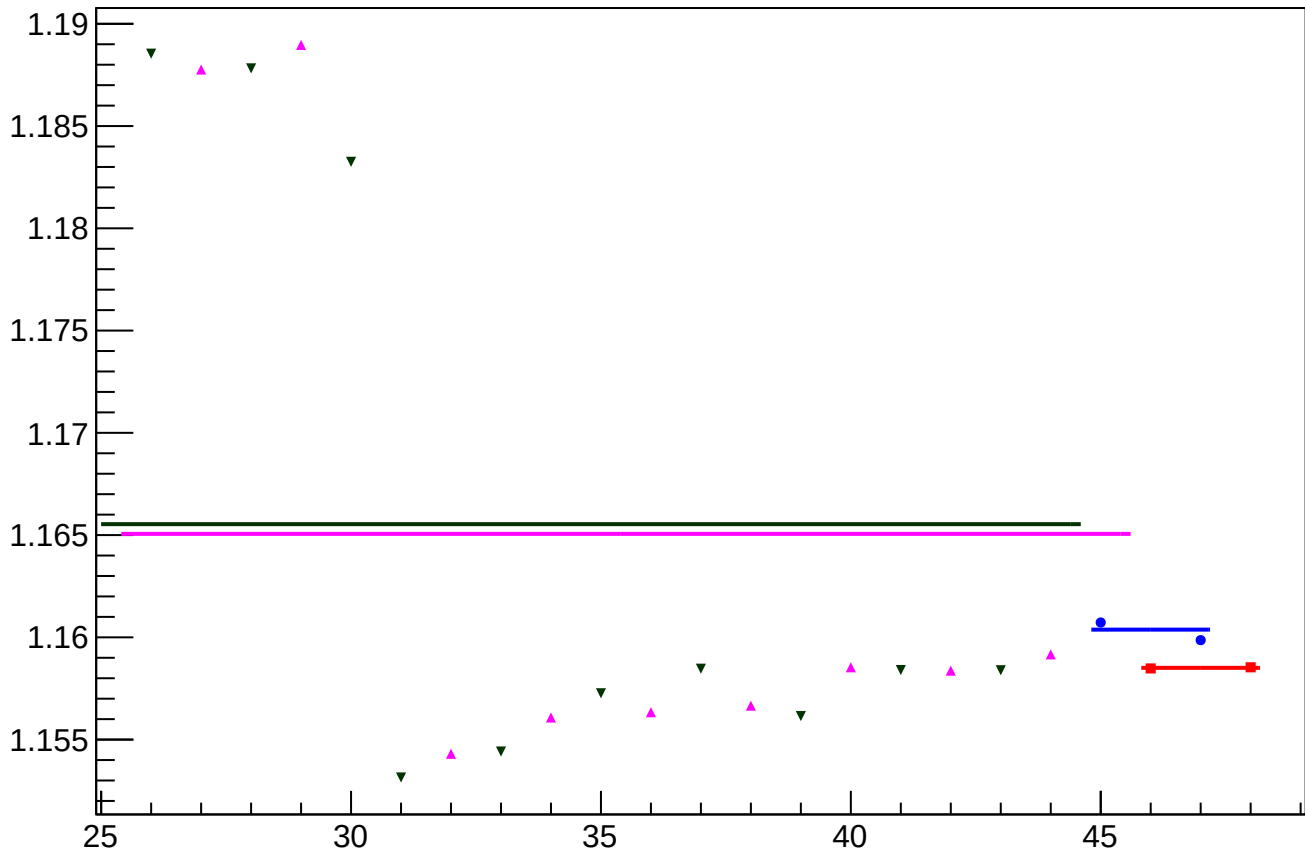
Right Out: 0.016+/-0.000 χ^2/NDF : 129229.4/1

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

0.019+/-0.000 χ^2/NDF : 1052037.2/11

0.019+/-0.000 χ^2/NDF : 692597.4/10

yield_bpm4eY_mean vs slug



Right In: 1.160+/-0.000 χ^2/NDF : 1921.3/1

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

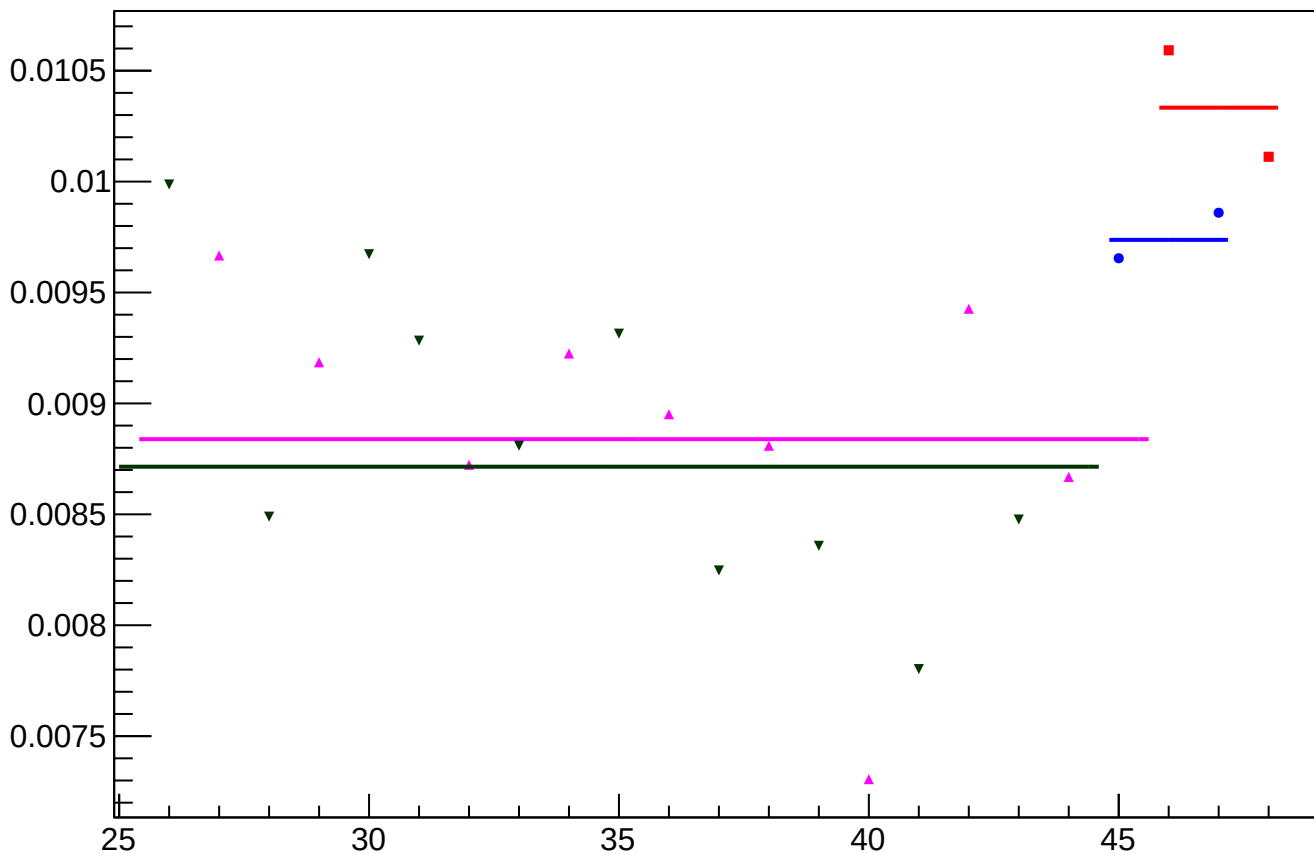
1.165+/-0.000 χ^2/NDF : 12276122.5/11

Right Out: 1.159+/-0.000 χ^2/NDF : 6.1/1

1.164+/-0.000 χ^2/NDF : 13650835.4/10

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

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

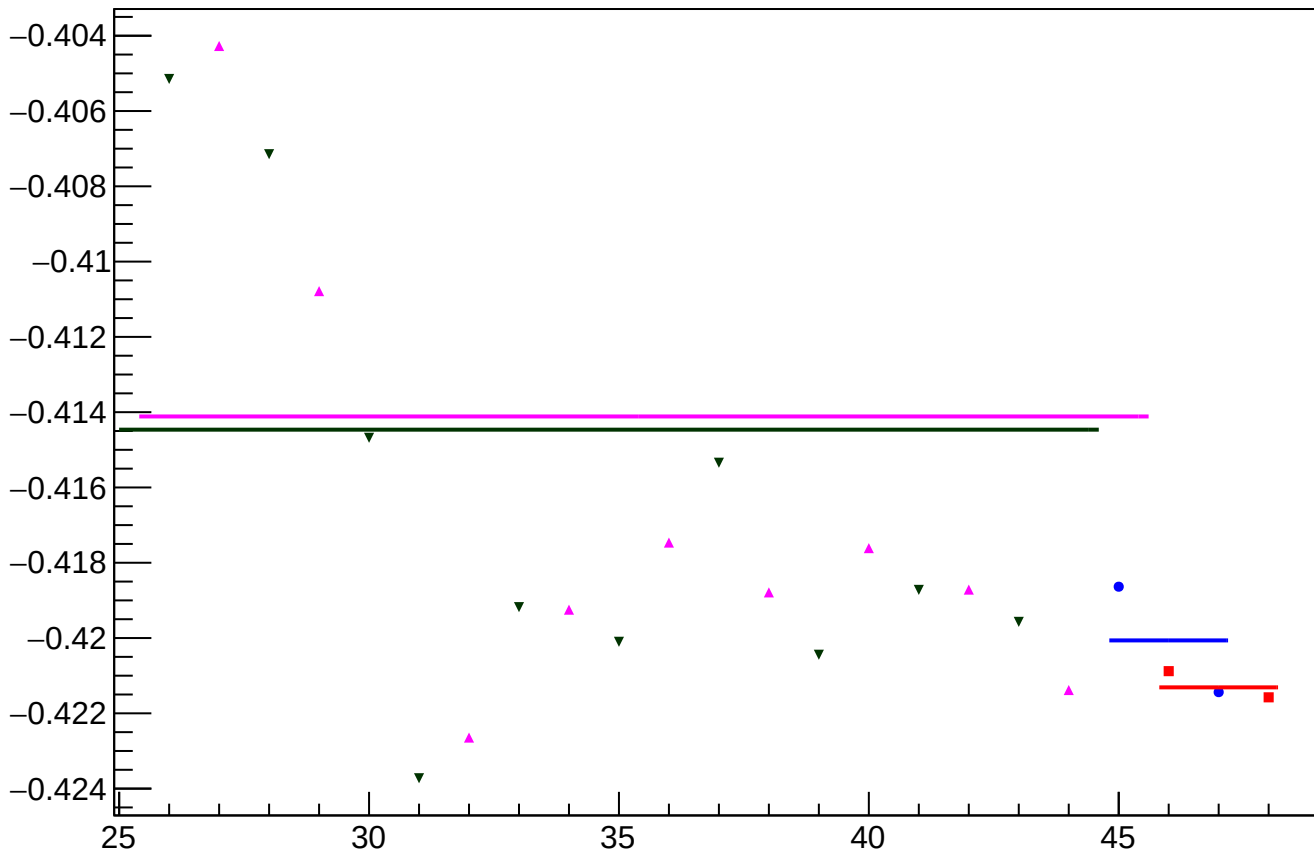
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 891.1/1

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: 95009.9/10

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

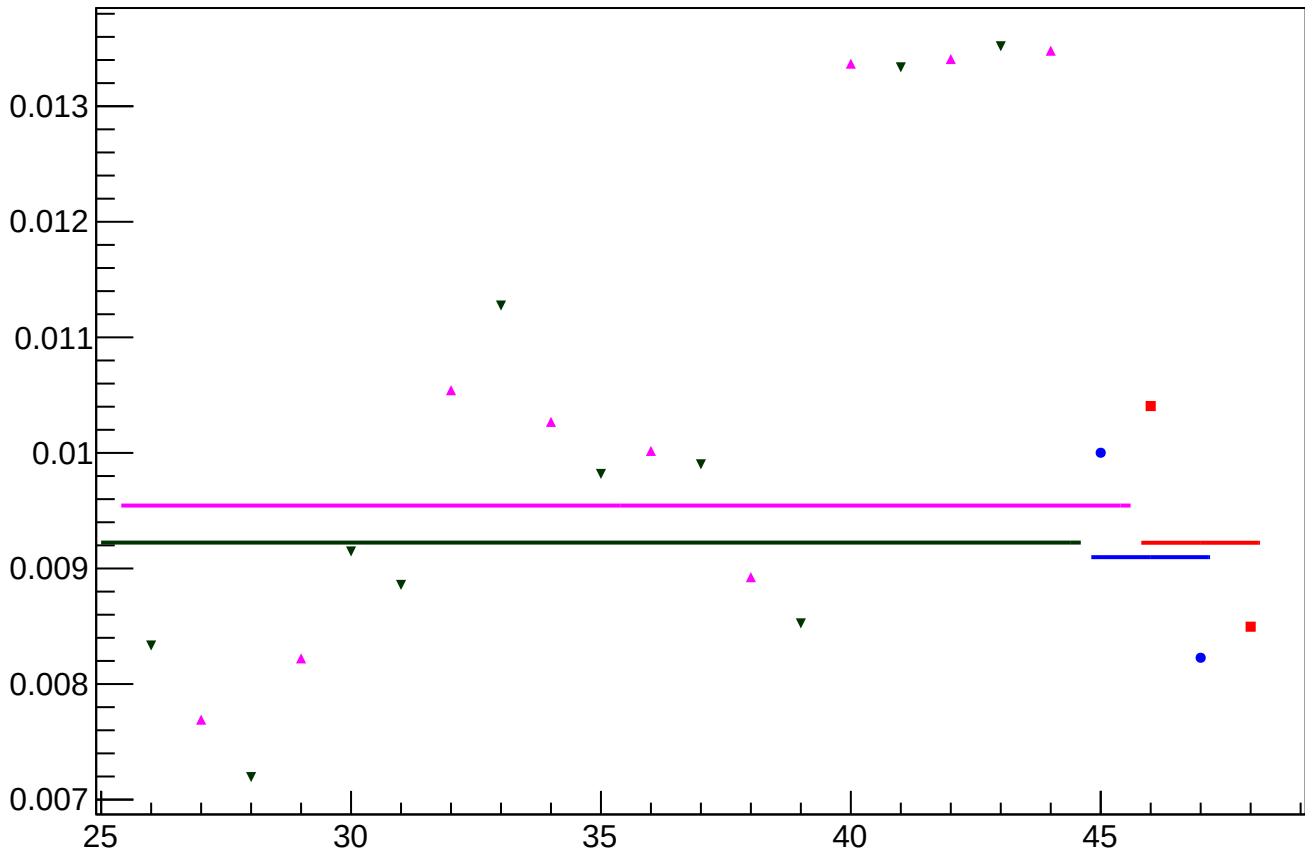
Right Out: -0.421+/-0.000 χ^2/NDF : 1103.9/1

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 : 3083921.2/10

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

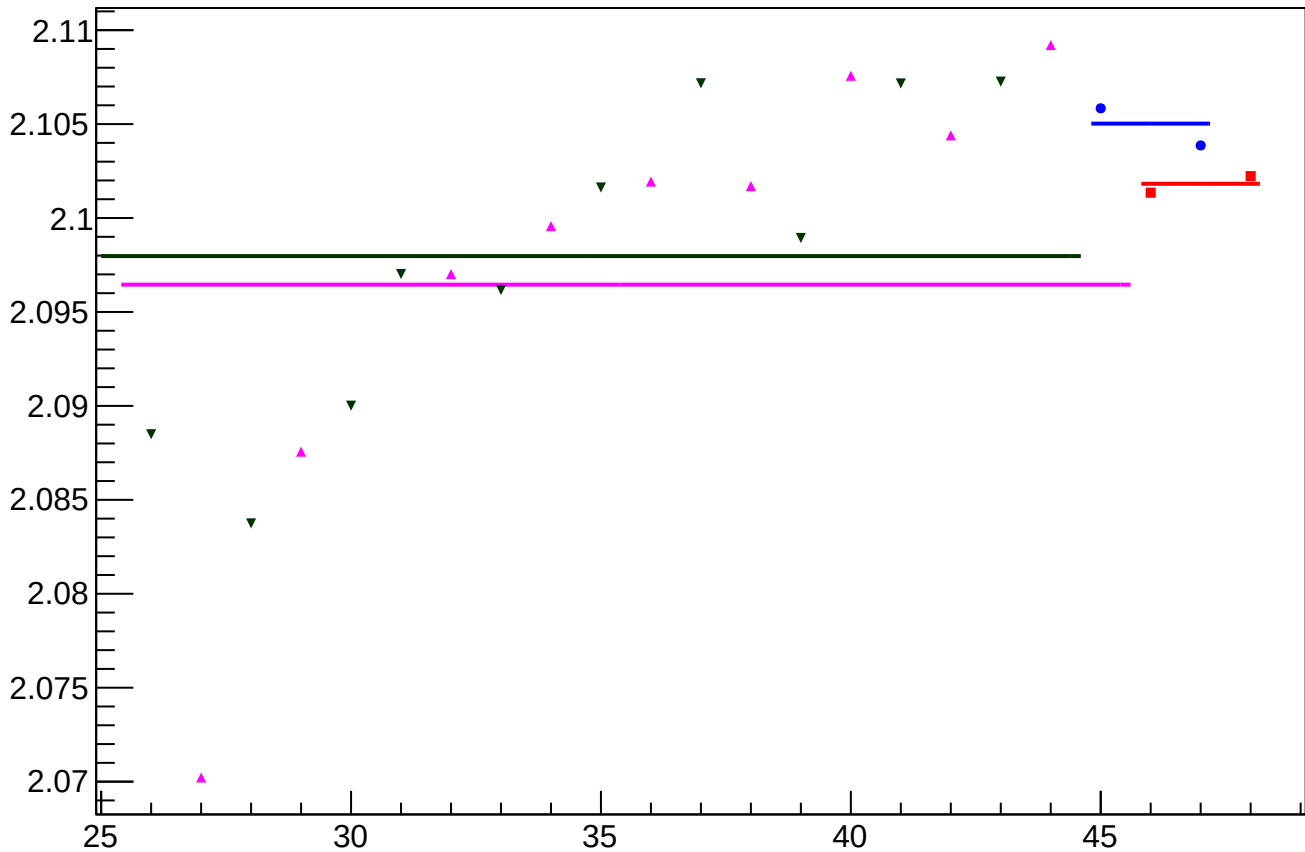
Right Out: 0.009+/-0.000 χ^2/NDF : 16647.3/1

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

0.009+/-0.000 χ^2/NDF : 391652.4/11

0.009+/-0.000 χ^2/NDF : 439359.5/10

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

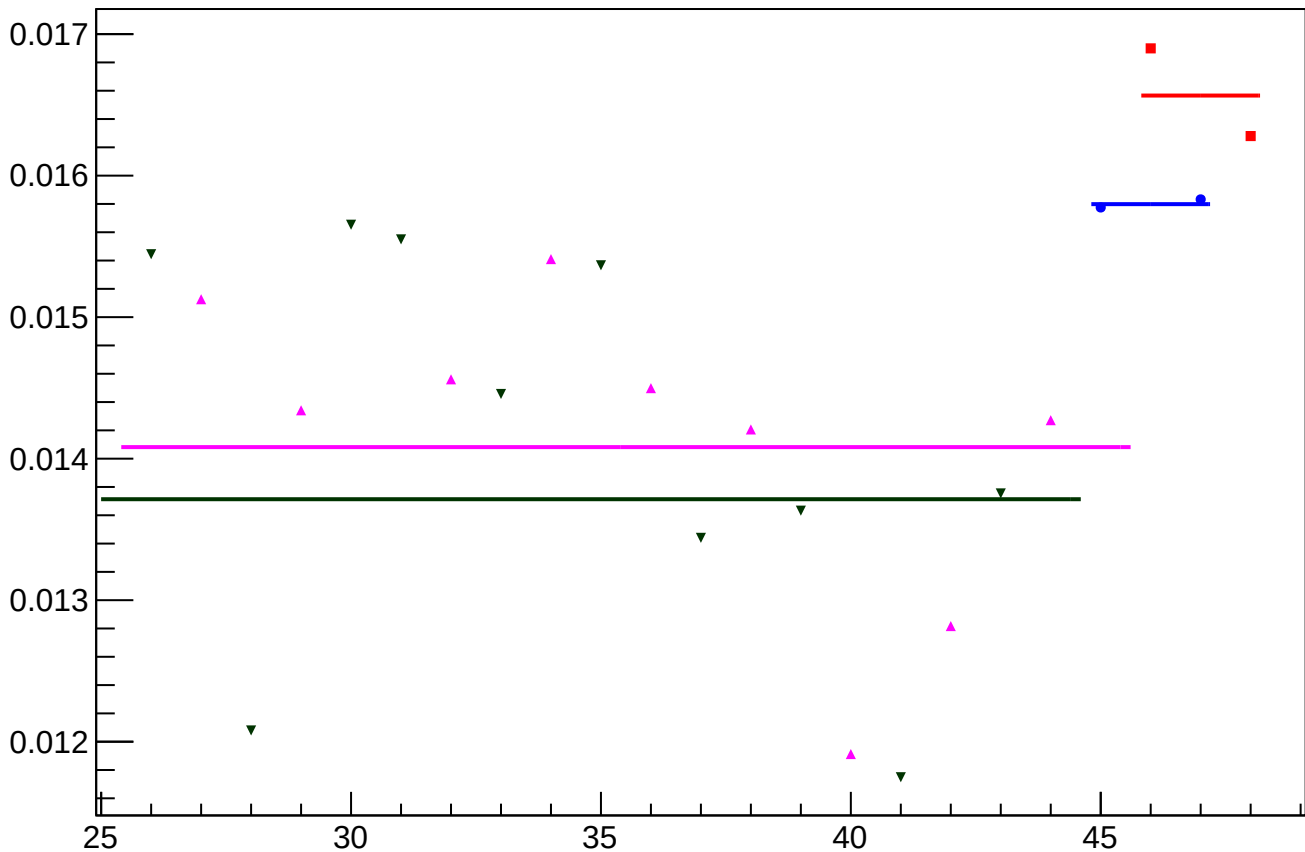
2.099+/-0.000 χ^2/NDF : 2153099.3/11

Right Out: 2.102+/-0.000 χ^2/NDF : 577.3/1

2.097+/-0.000 χ^2/NDF : 4067798.5/10

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

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

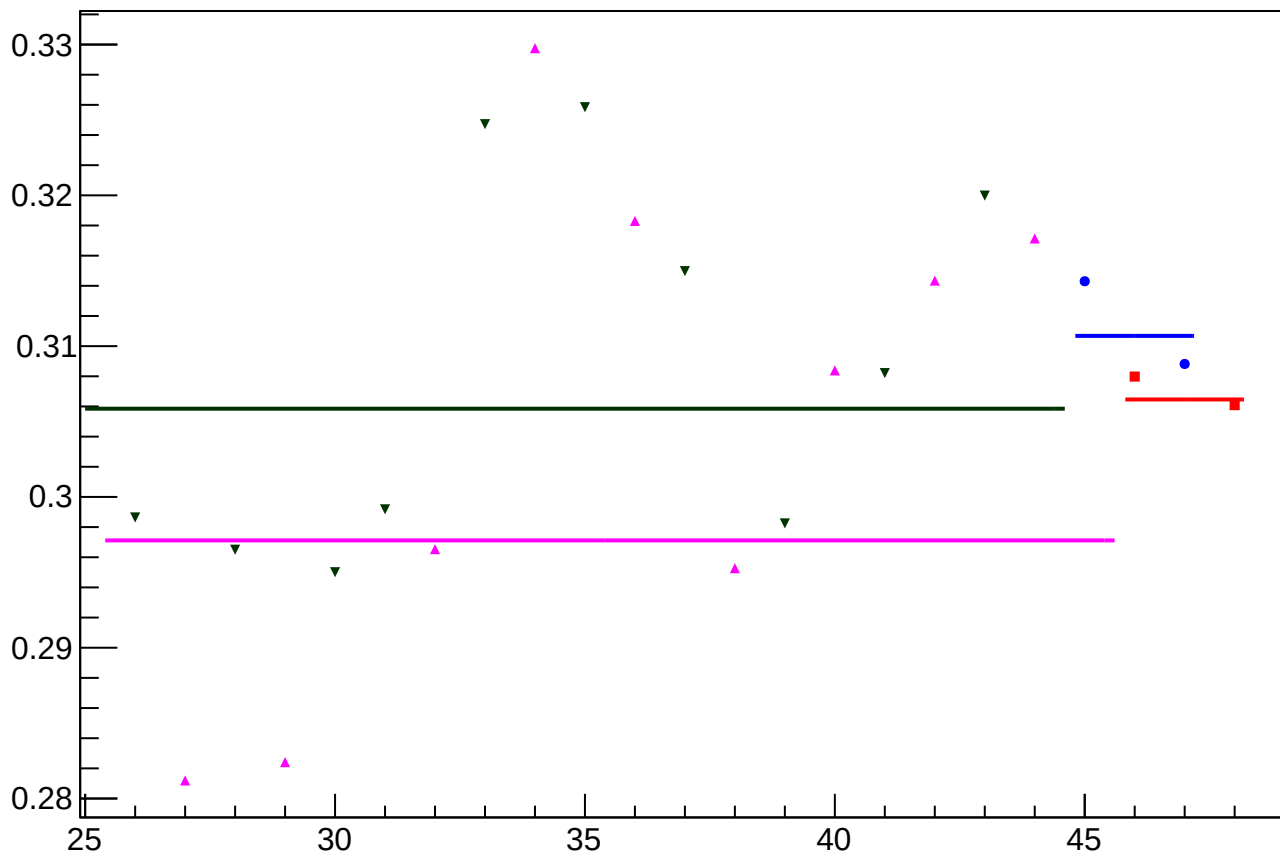
Right Out: 0.017+/-0.000 χ^2/NDF : 570.0/1

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

0.014+/-0.000 χ^2/NDF : 136500.1/11

0.014+/-0.000 χ^2/NDF : 94550.8/10

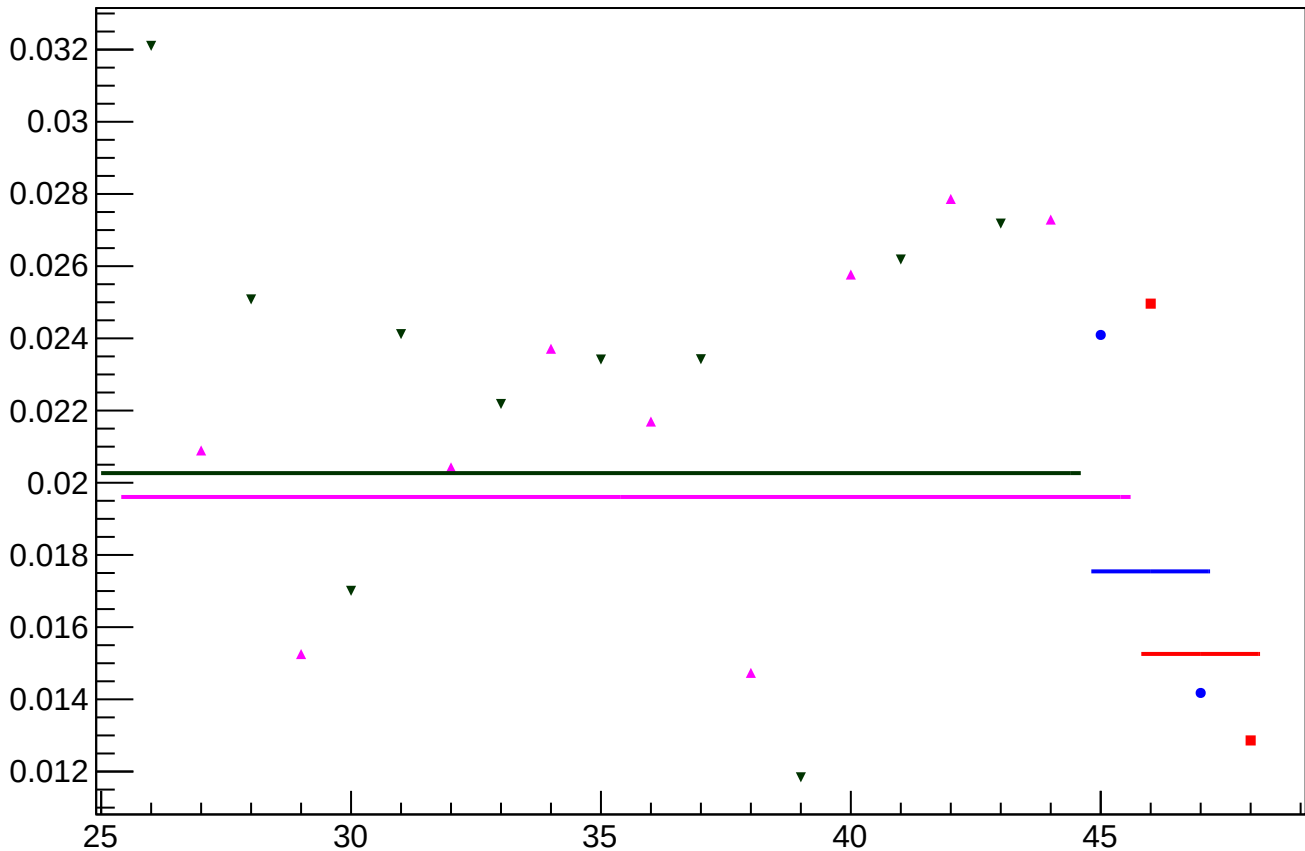
yield_bpm4ecX_mean vs slug



Right In: 0.311+/-0.000 χ^2/NDF : 19599.2/1
 Left Out: 0.306+/-0.000 χ^2/NDF : 1444203.8/9
 Right Out: 0.306+/-0.000 χ^2/NDF : 1715.2/1
 Left In: 0.297+/-0.000 χ^2/NDF : 3115158.7/8

0.307+/-0.000 χ^2/NDF : 1517405.7/11
 0.299+/-0.000 χ^2/NDF : 3330587.0/10

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

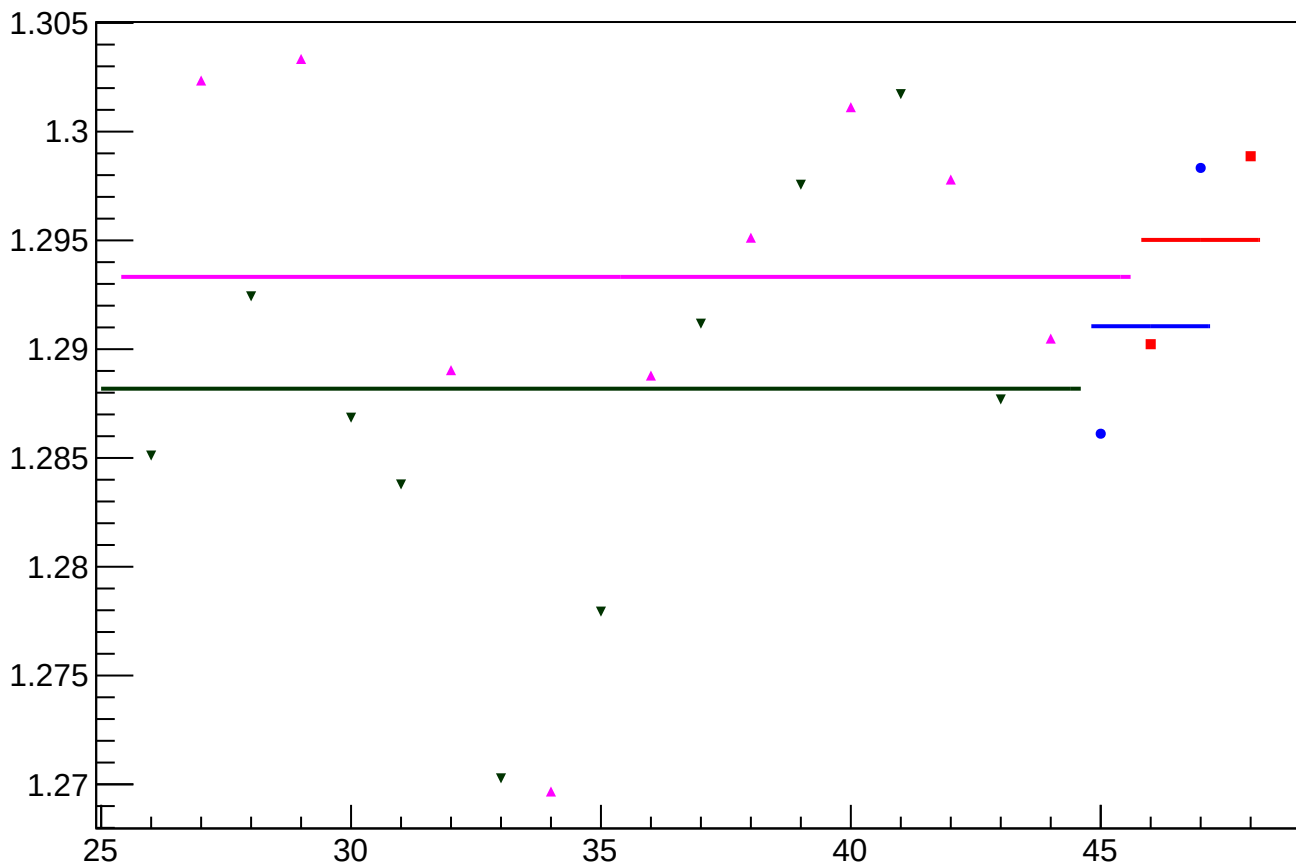
Right Out: 0.015+/-0.000 χ^2/NDF : 140045.6/1

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

0.020+/-0.000 χ^2/NDF : 968050.4/11

0.019+/-0.000 χ^2/NDF : 724923.8/10

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

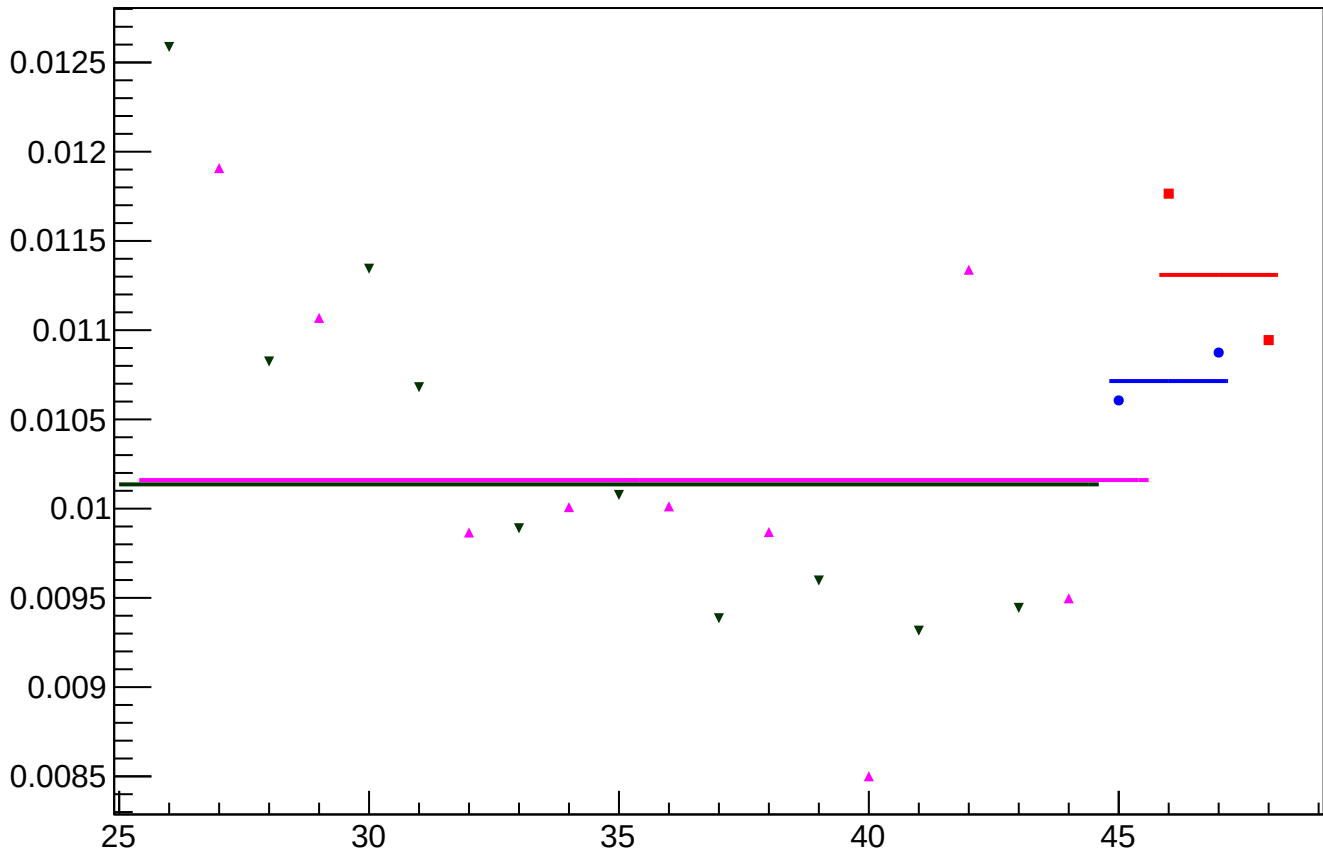
Right Out: 1.295+/-0.000 χ^2/NDF : 118805.8/1

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

1.289+/-0.000 χ^2/NDF : 4354946.7/11

1.294+/-0.000 χ^2/NDF : 4819915.8/10

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

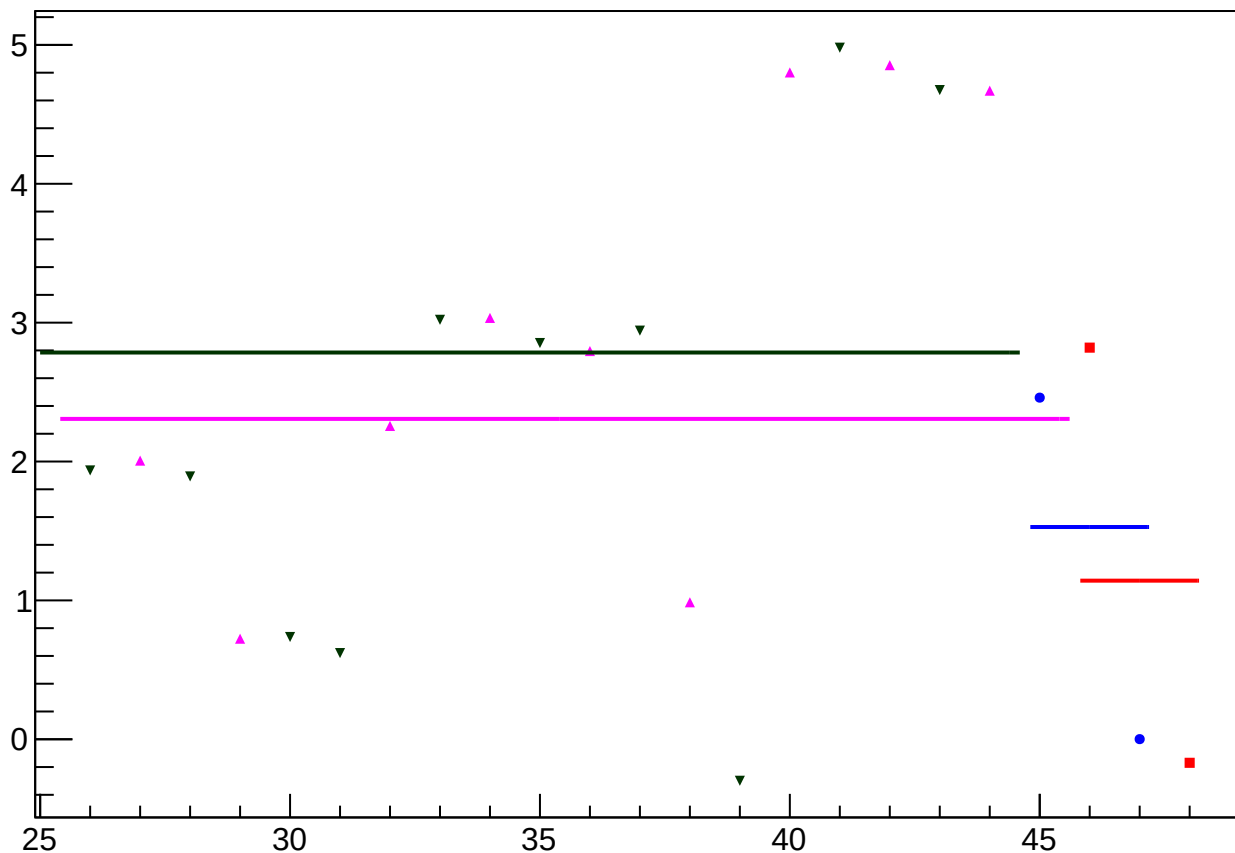
Right Out: 0.011+/-0.000 χ^2/NDF : 2143.3/1

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 : 117824.8/10

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

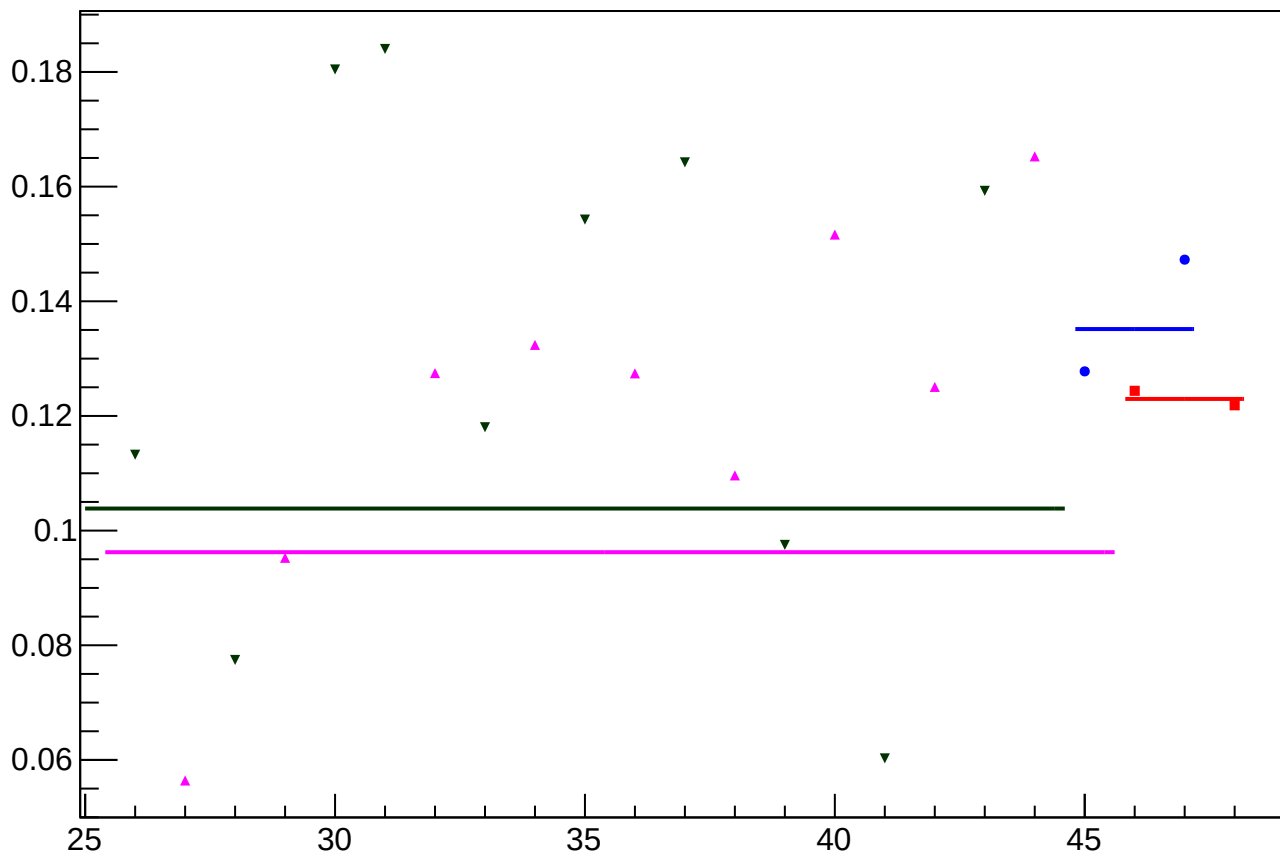
Right Out: 1.142 ± 0.000 χ^2/NDF : 96151706.1/1

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

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

2.196 ± 0.000 χ^2/NDF : 786680536.2/10

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

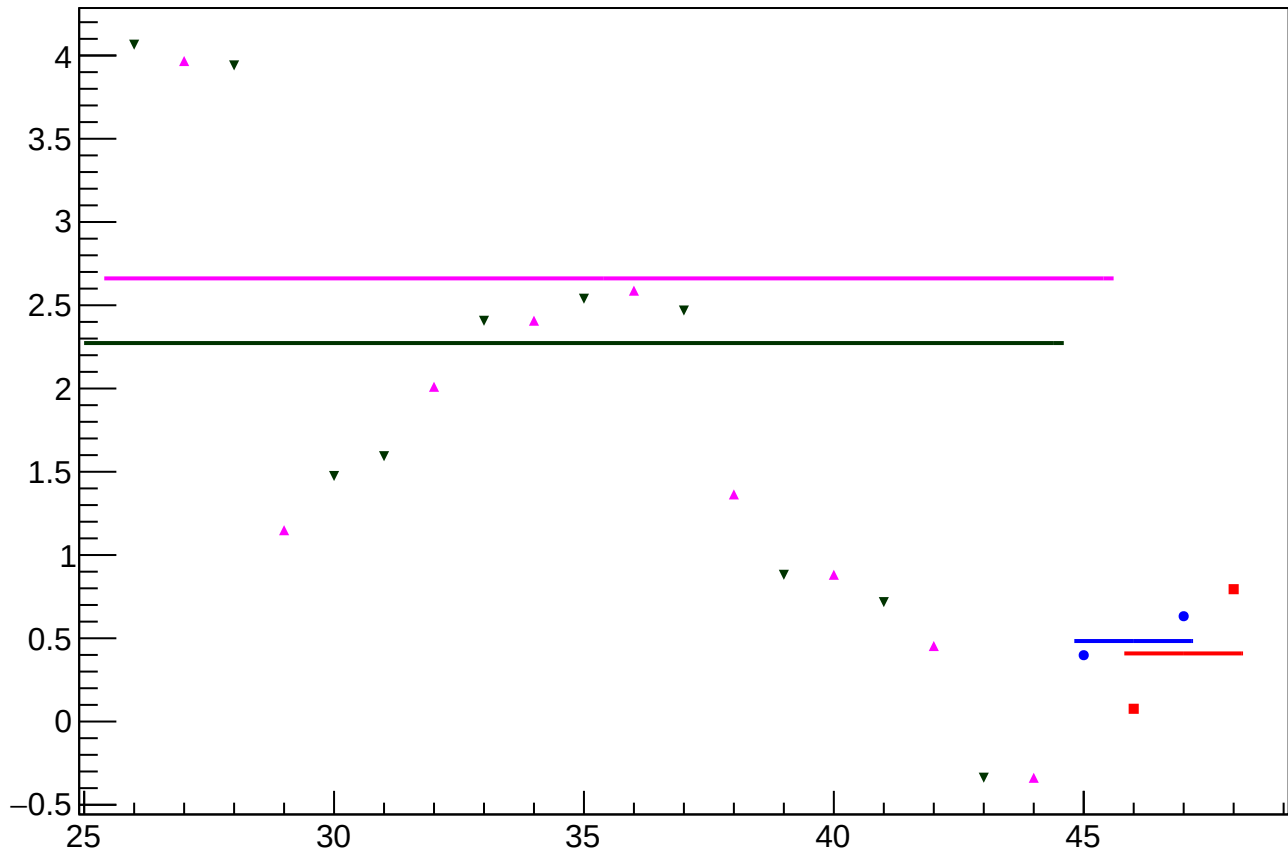
Right Out: 0.123+/-0.000 χ^2/NDF : 137.1/1

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

0.108+/-0.000 χ^2/NDF : 1161154.1/11

0.099+/-0.000 χ^2/NDF : 1121145.2/10

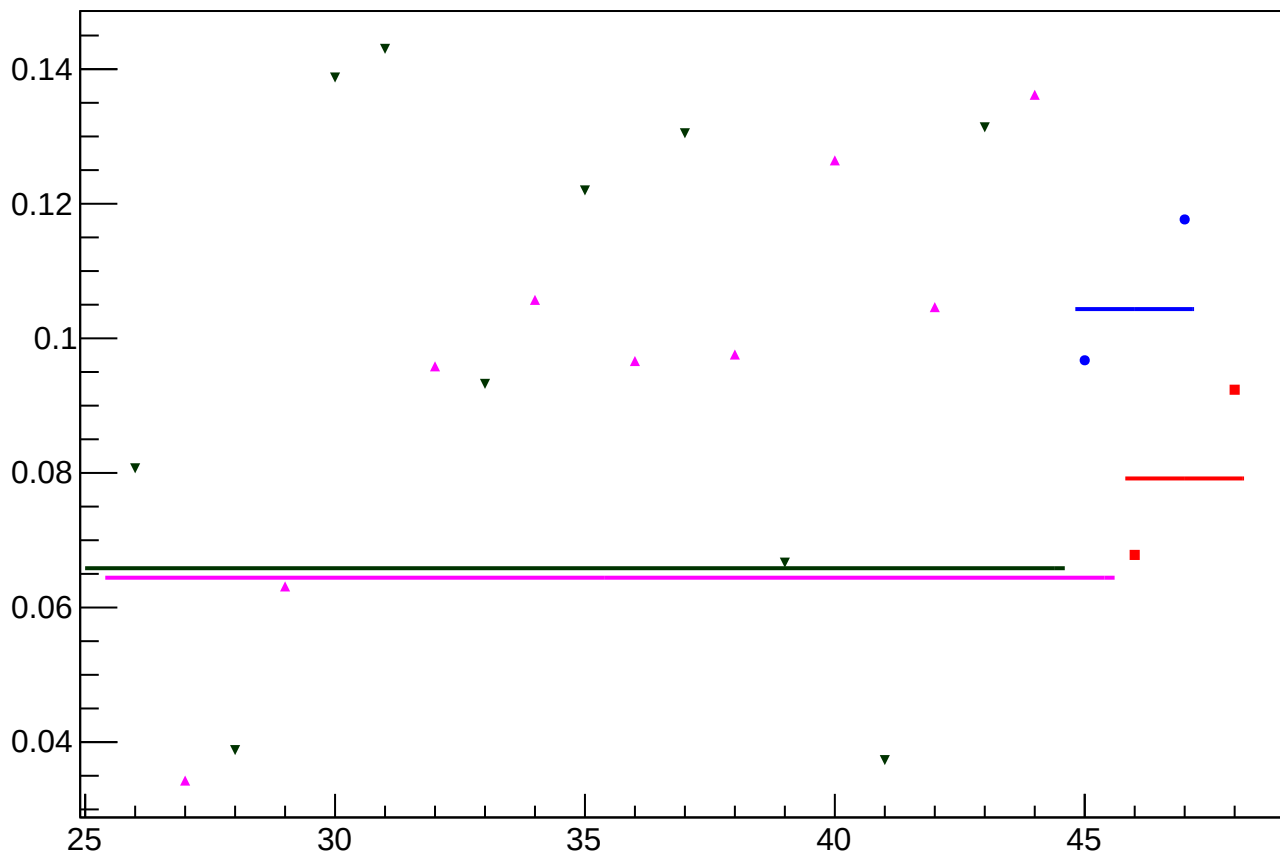
yield_bpm1Y_mean vs slug



Right In: 0.483+/-0.000 χ^2/NDF : 1012762.4/1
Left Out: 2.273+/-0.000 χ^2/NDF : 1459606873.3/9
Right Out: 0.409+/-0.000 χ^2/NDF : 11548726.8/1
Left In: 2.661+/-0.000 χ^2/NDF : 1577424597.4/8

2.079+/-0.000 χ^2/NDF : 1688723483.1/11
2.436+/-0.000 χ^2/NDF : 2000191631.7/10

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

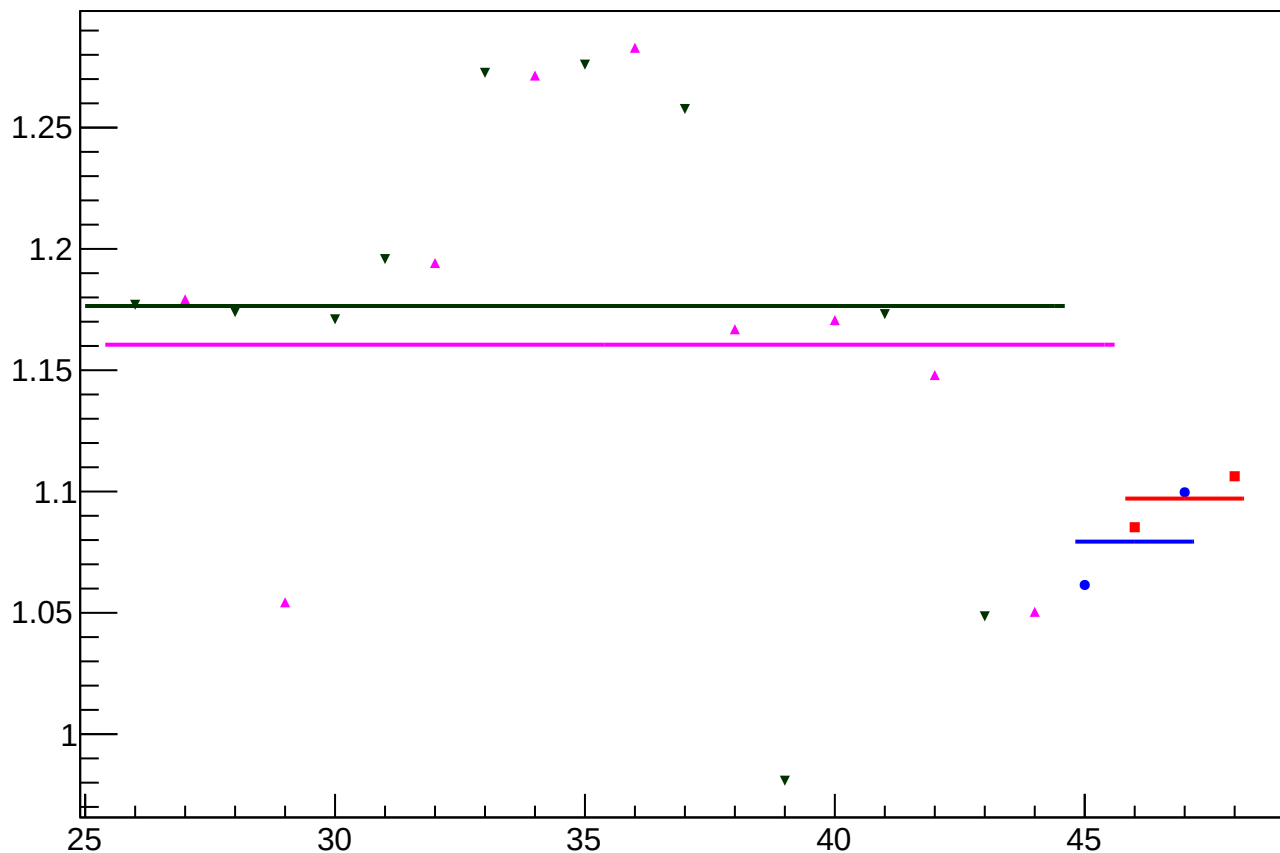
Right Out: 0.079+/-0.000 χ^2/NDF : 26982.8/1

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

0.070+/-0.000 χ^2/NDF : 2003032.3/11

0.066+/-0.000 χ^2/NDF : 1865675.0/10

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

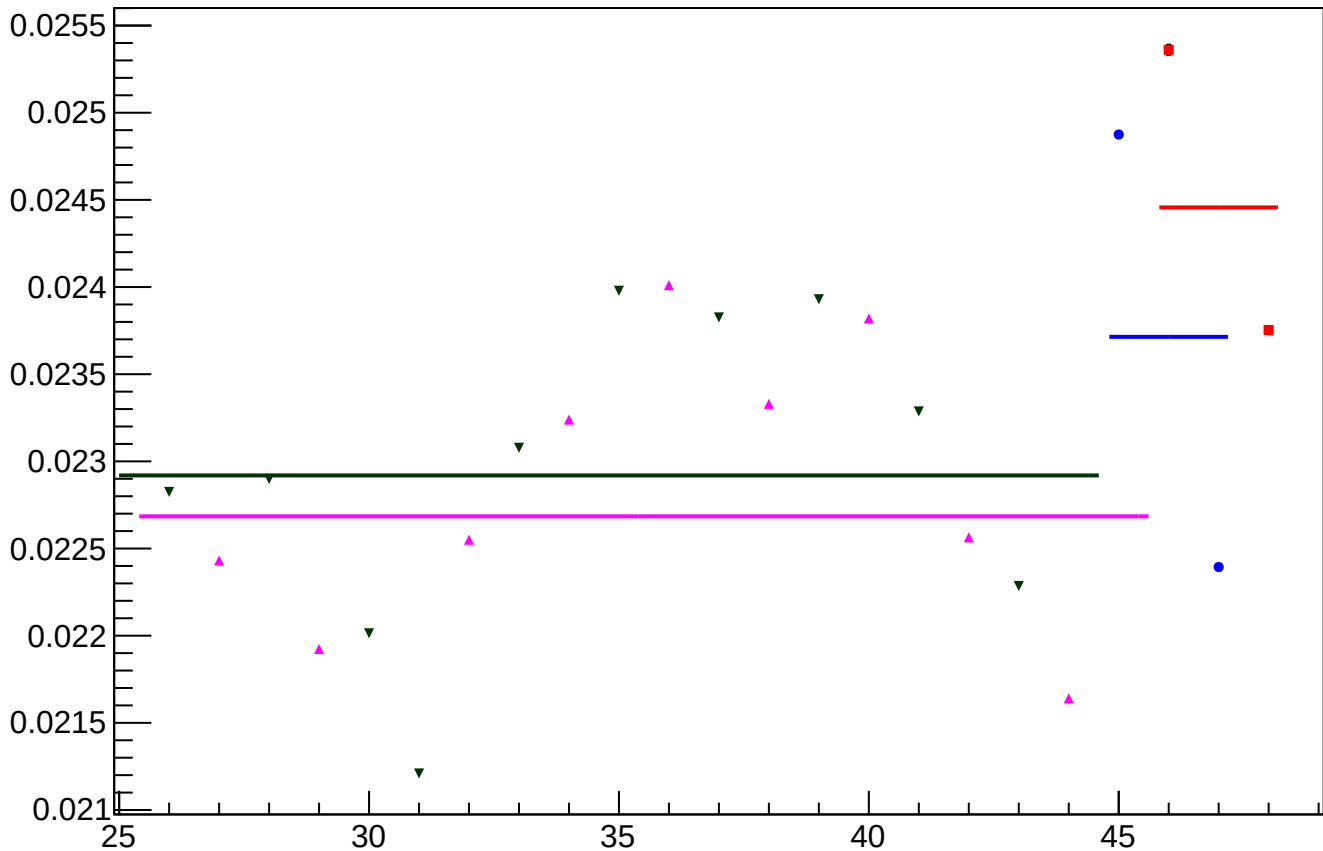
Right Out: 1.097+/-0.000 χ^2/NDF : 144654.3/1

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

1.161+/-0.000 χ^2/NDF : 80921946.2/11

1.153+/-0.000 χ^2/NDF : 62918894.1/10

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

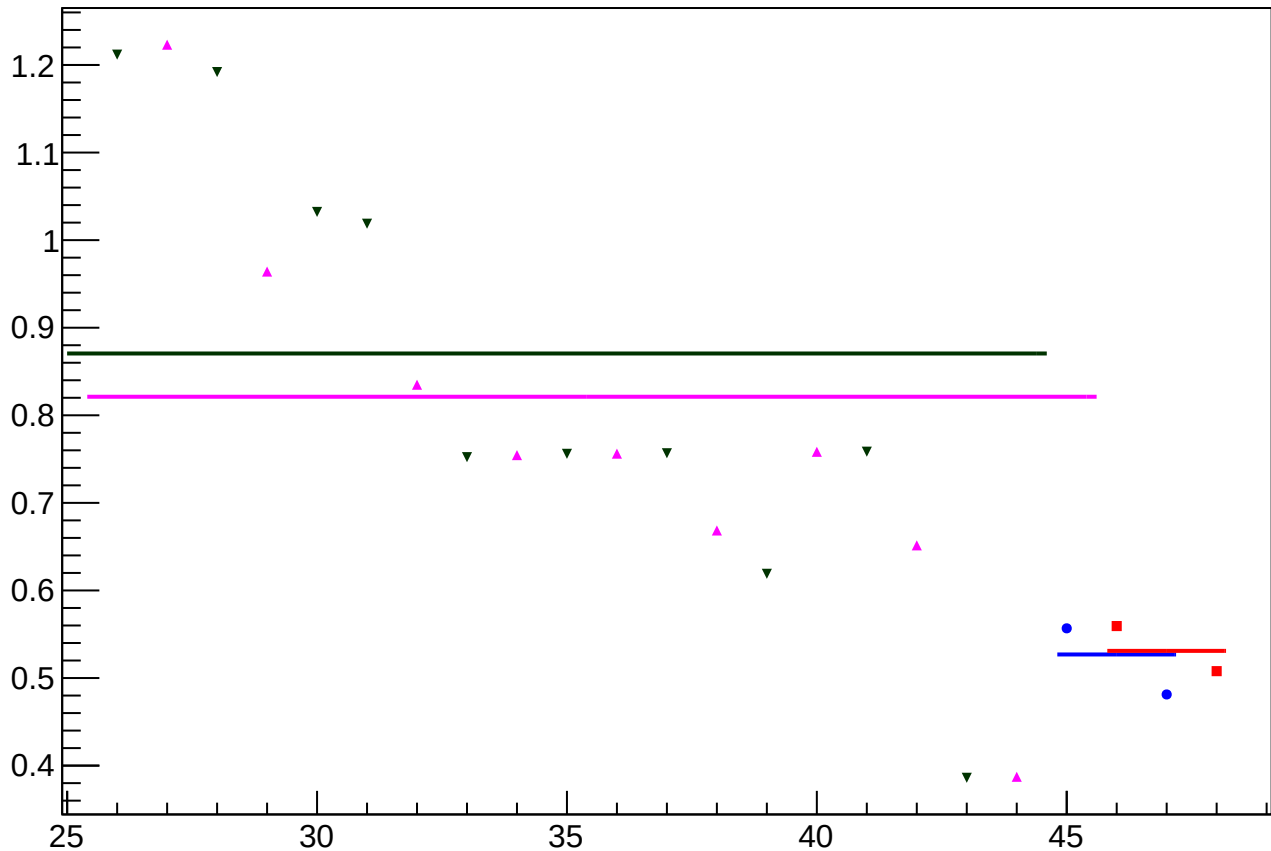
Right Out: 0.024+/-0.000 χ^2/NDF : 1694.8/1

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 : 20081.3/10

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

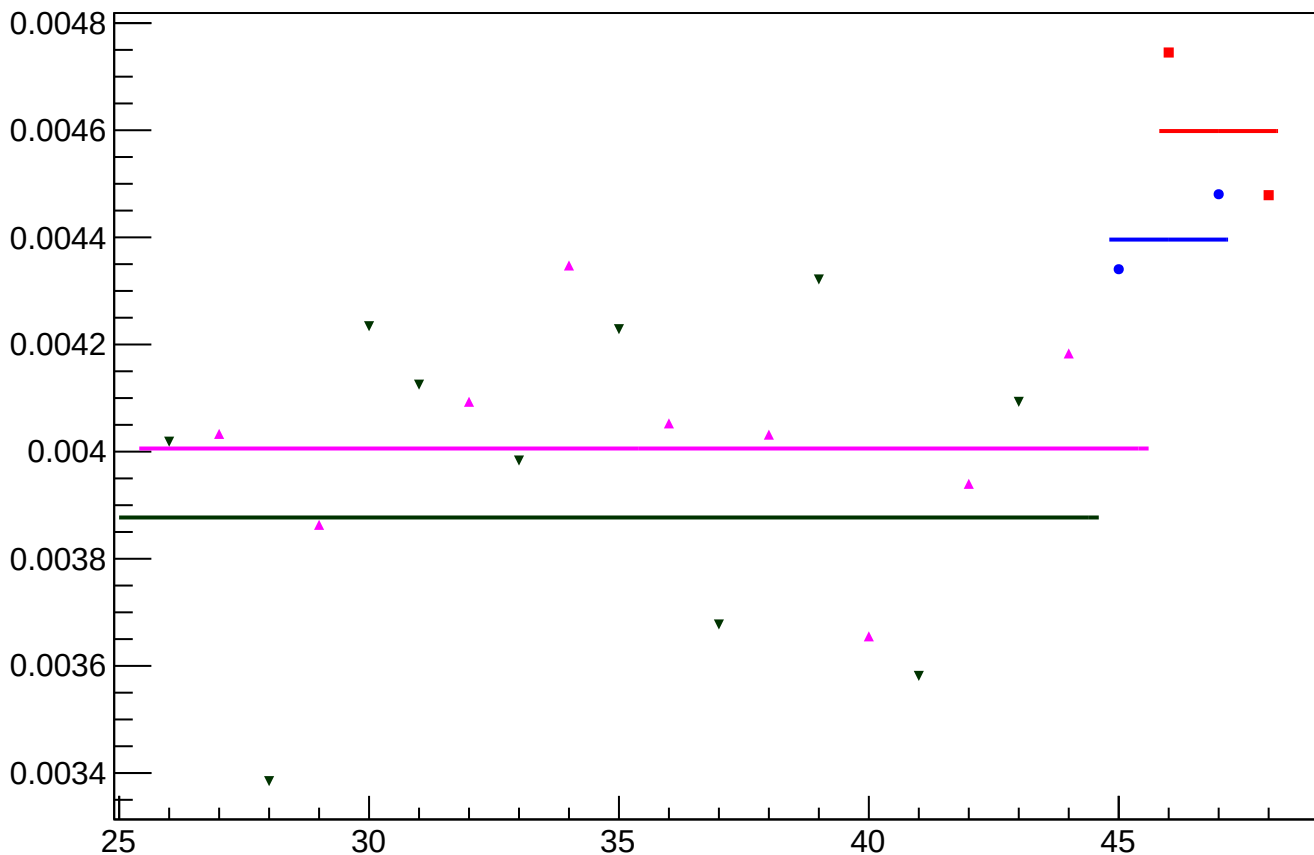
Right Out: 0.531+/-0.000 χ^2/NDF : 25961607.0/1

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

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

0.791+/-0.000 χ^2/NDF : 19944481481.2/10

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 : 1389.6/1

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 : 46724.0/10

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

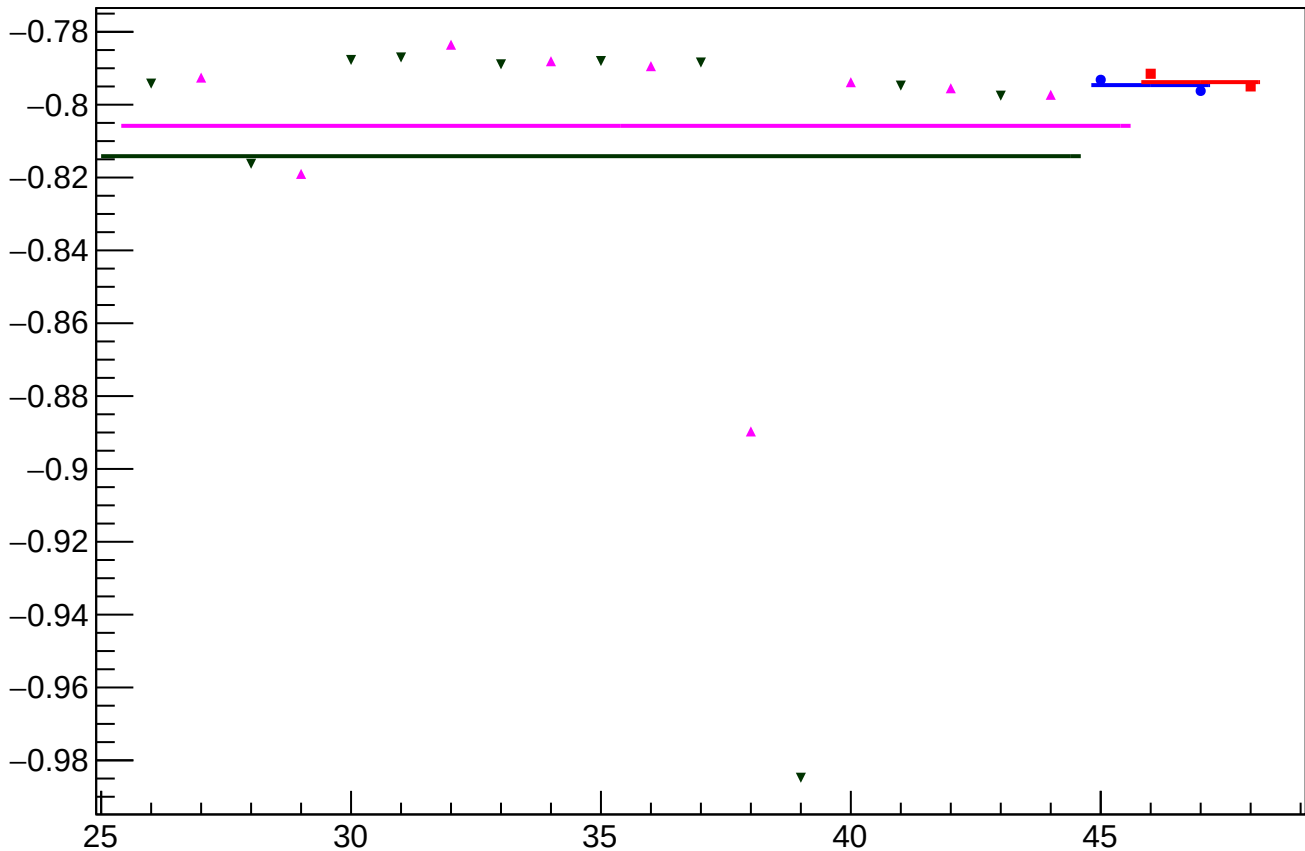
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

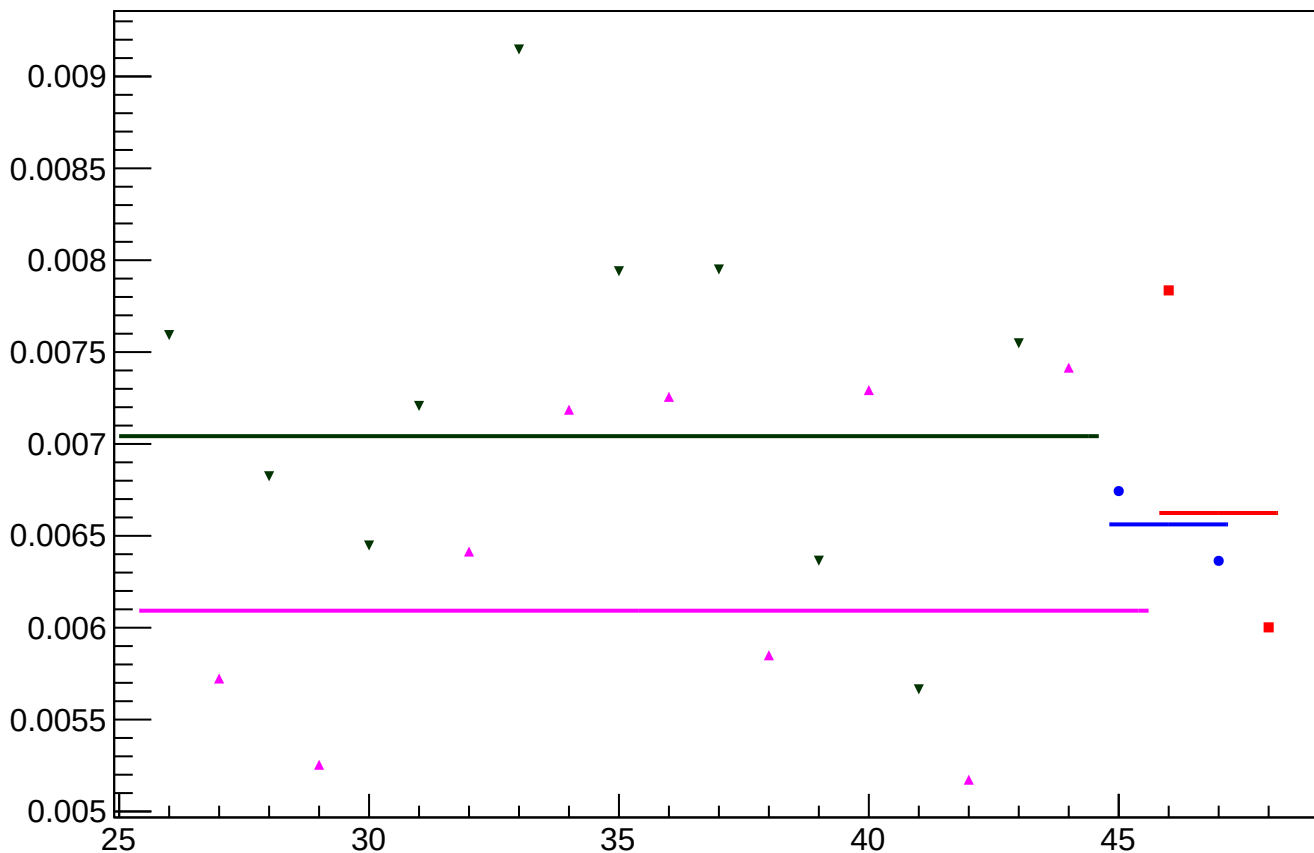
Right Out: -0.794+/-0.000 χ^2/NDF : 36763.0/1

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

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

-0.804+/-0.000 χ^2/NDF : 97193590.5/10

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

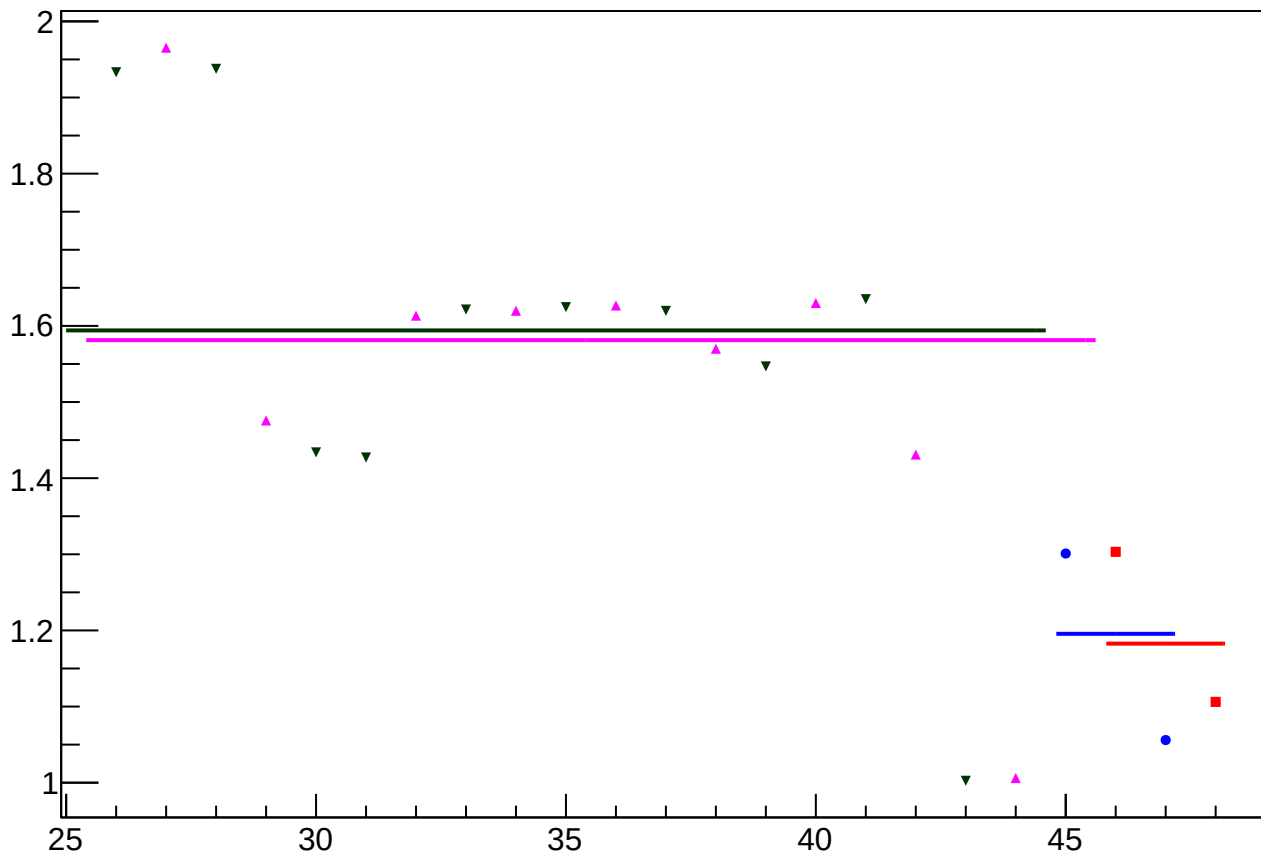
Right Out: 0.007+/-0.000 χ^2/NDF : 20465.4/1

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 : 170081.5/10

yield_bpm12Y_mean vs slug



Right In: 1.196+/-0.000 χ^2/NDF : 327098767.9/1

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

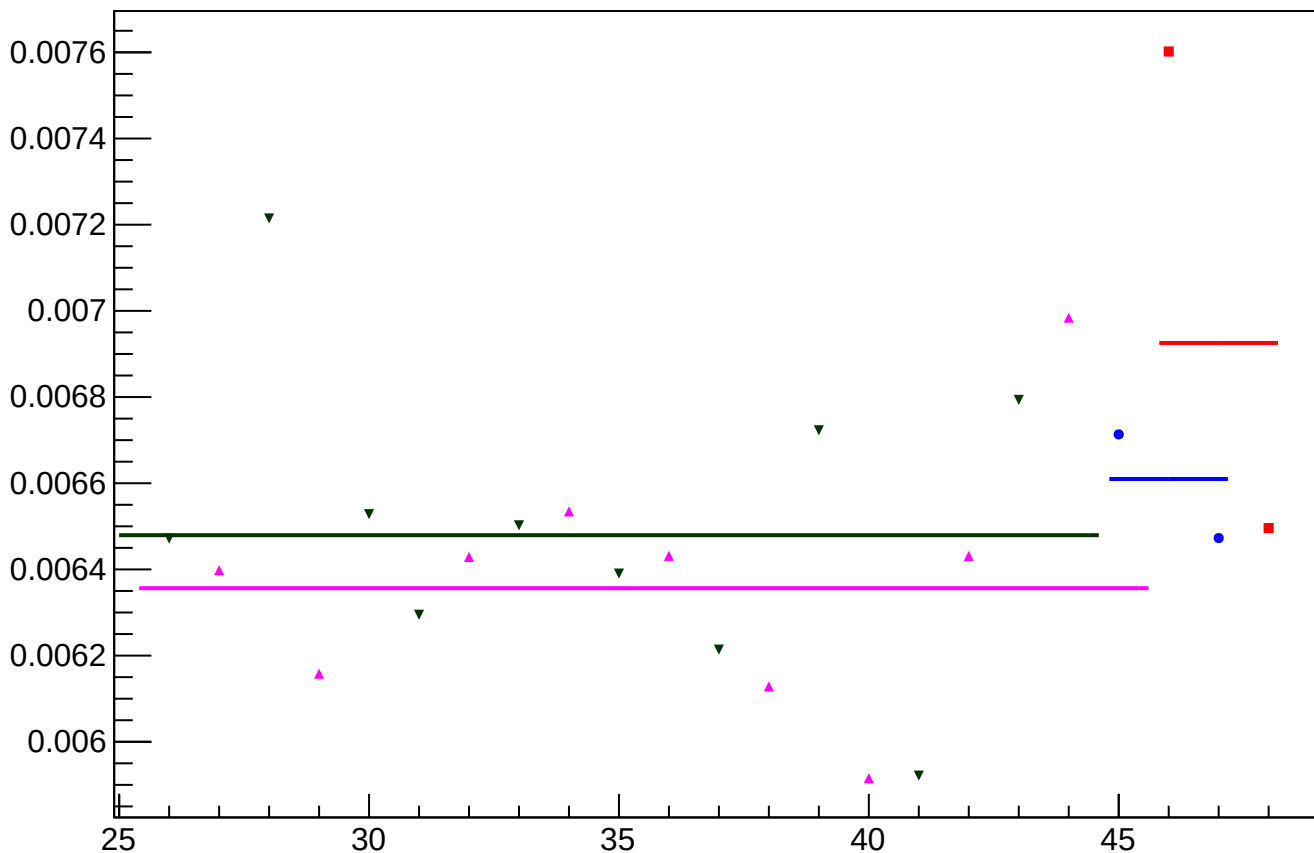
Right Out: 1.183+/-0.000 χ^2/NDF : 148740013.0/1

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

1.528+/-0.000 χ^2/NDF : 9966323202.6/11

1.536+/-0.000 χ^2/NDF : 9179033707.6/10

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

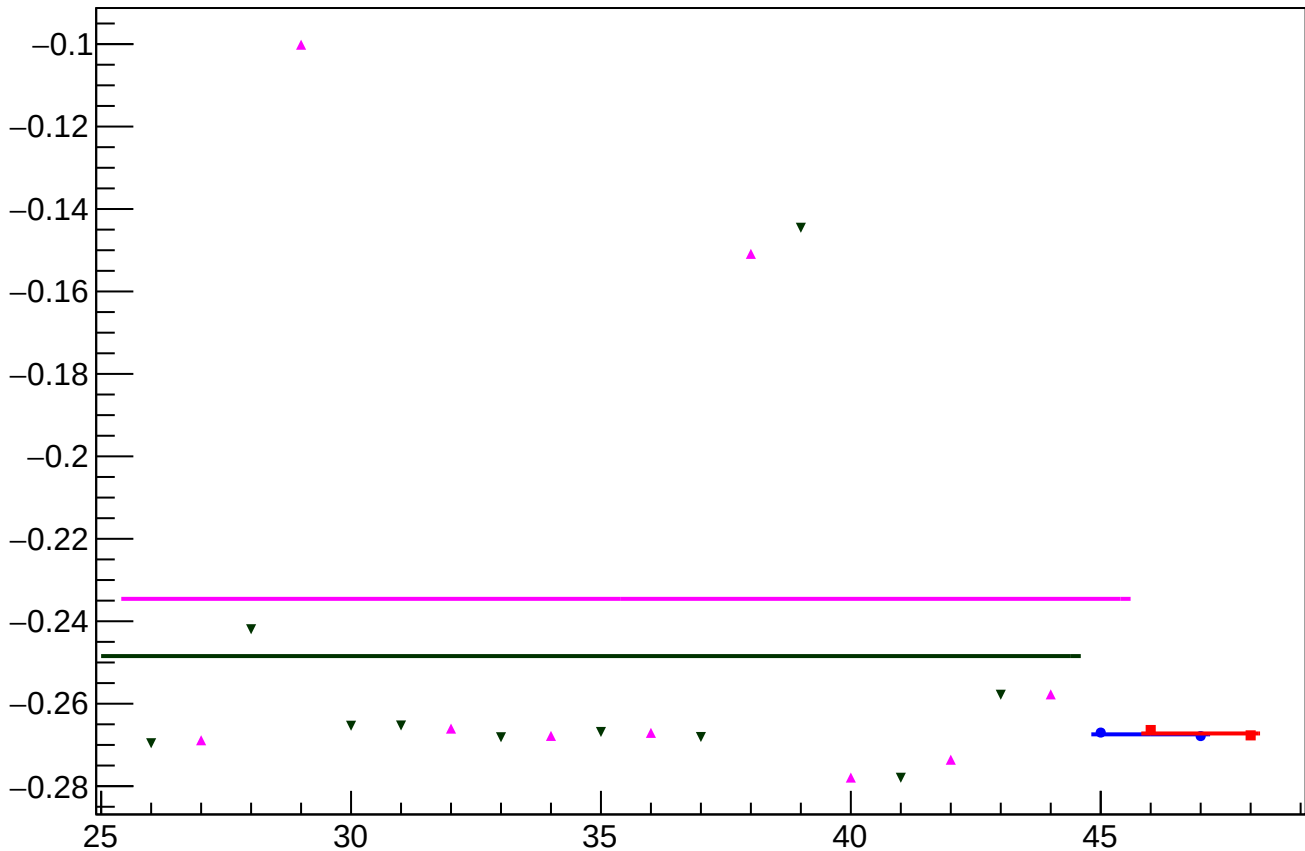
Right Out: 0.007+/-0.000 χ^2/NDF : 9367.0/1

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 : 35644.8/10

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

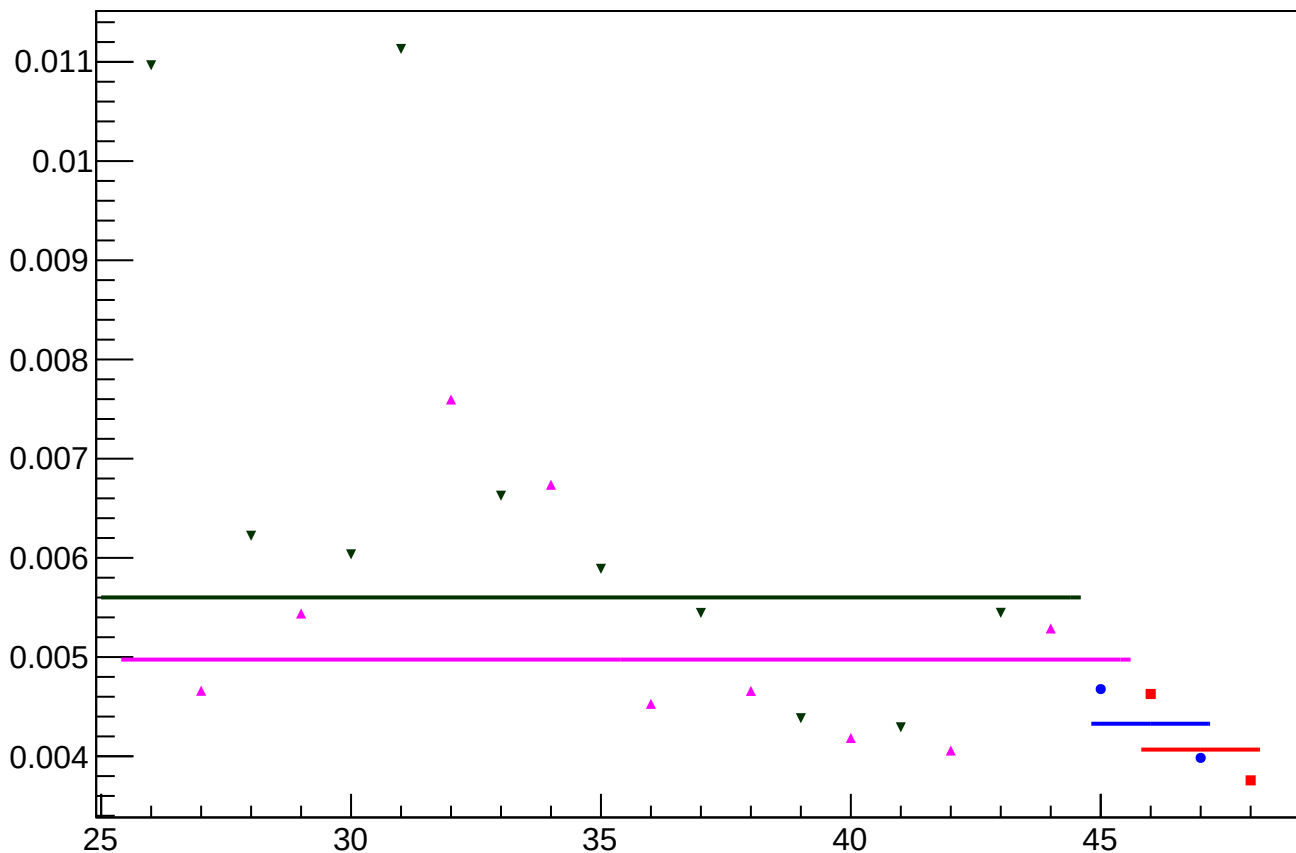
-0.253+/-0.000 χ^2/NDF : 272172156.0/11

Right Out: -0.267+/-0.000 χ^2/NDF : 16169.5/1

-0.240+/-0.000 χ^2/NDF : 823879378.2/10

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

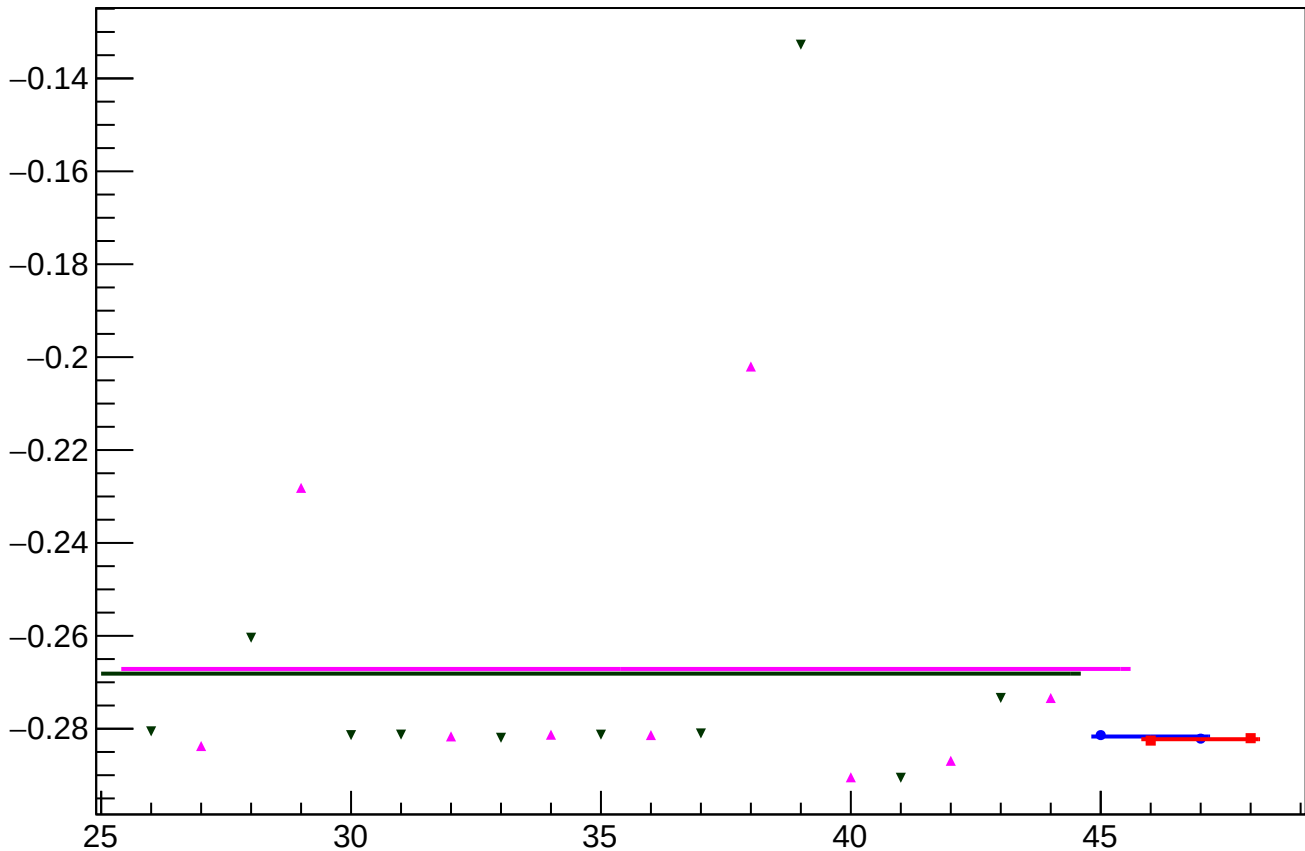
Right Out: 0.004+/-0.000 χ^2/NDF : 14650.2/1

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 : 434974.1/10

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

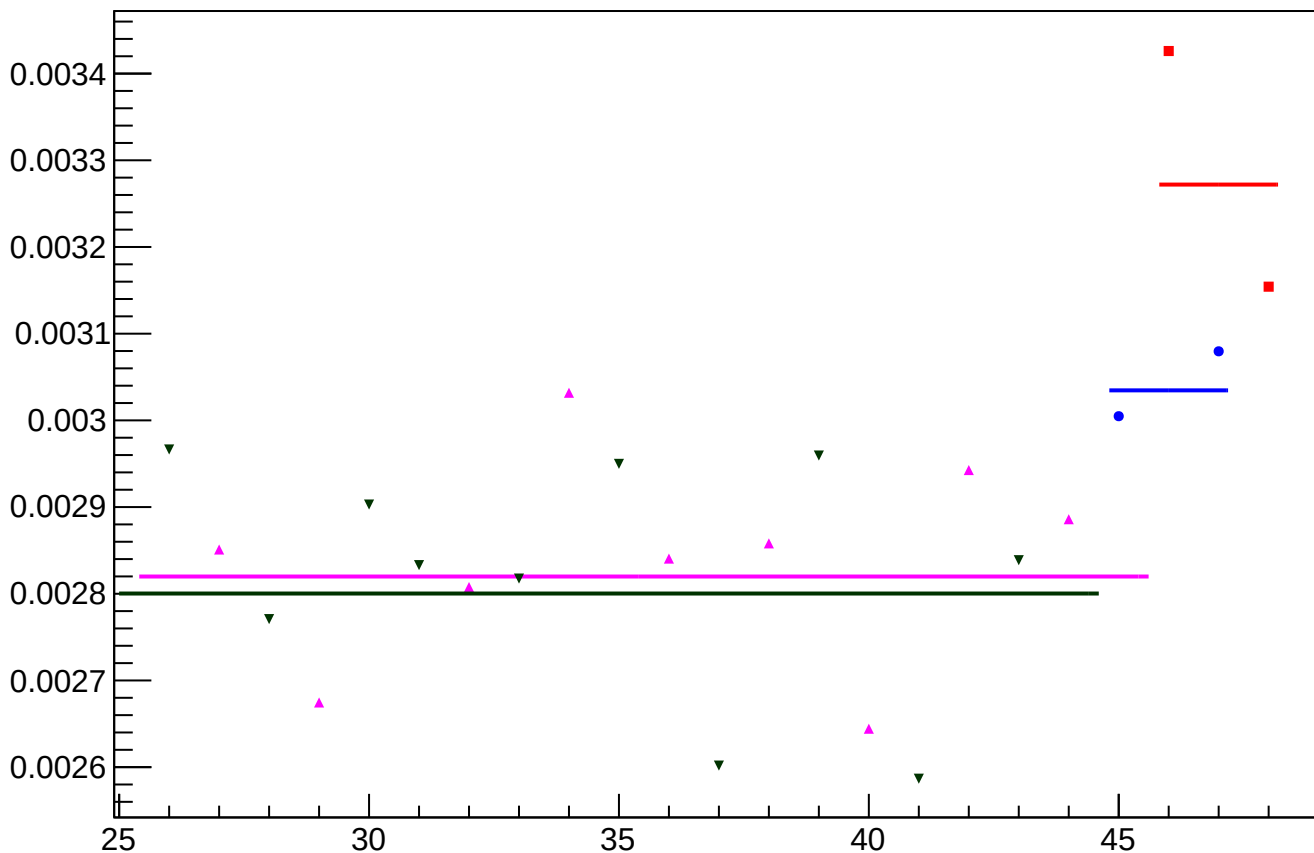
Right Out: -0.282+/-0.000 χ^2/NDF : 5063.0/1

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

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

-0.269+/-0.000 χ^2/NDF : 569917803.9/10

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

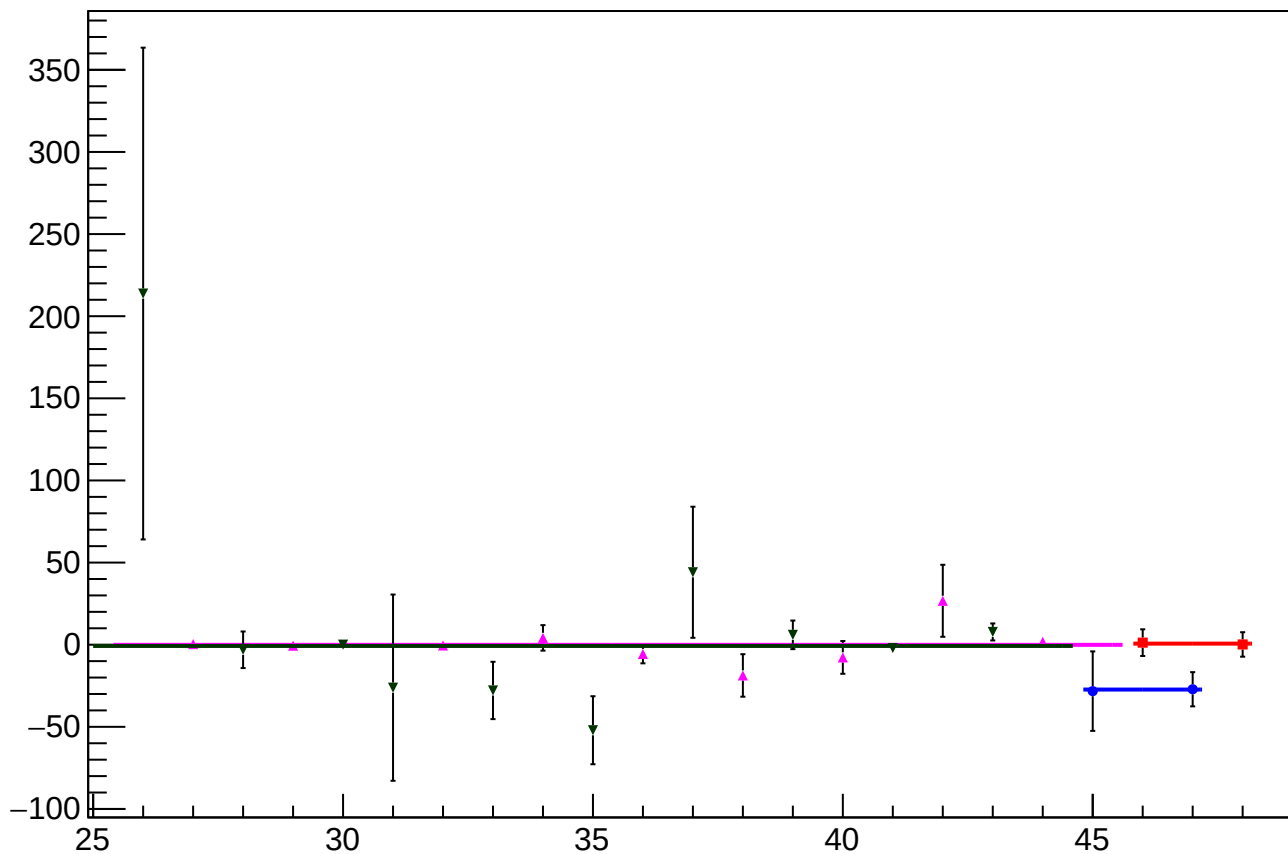
Right Out: 0.003+/-0.000 χ^2/NDF : 2806.3/1

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

0.003+/-0.000 χ^2/NDF : 34387.3/11

0.003+/-0.000 χ^2/NDF : 47599.8/10

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

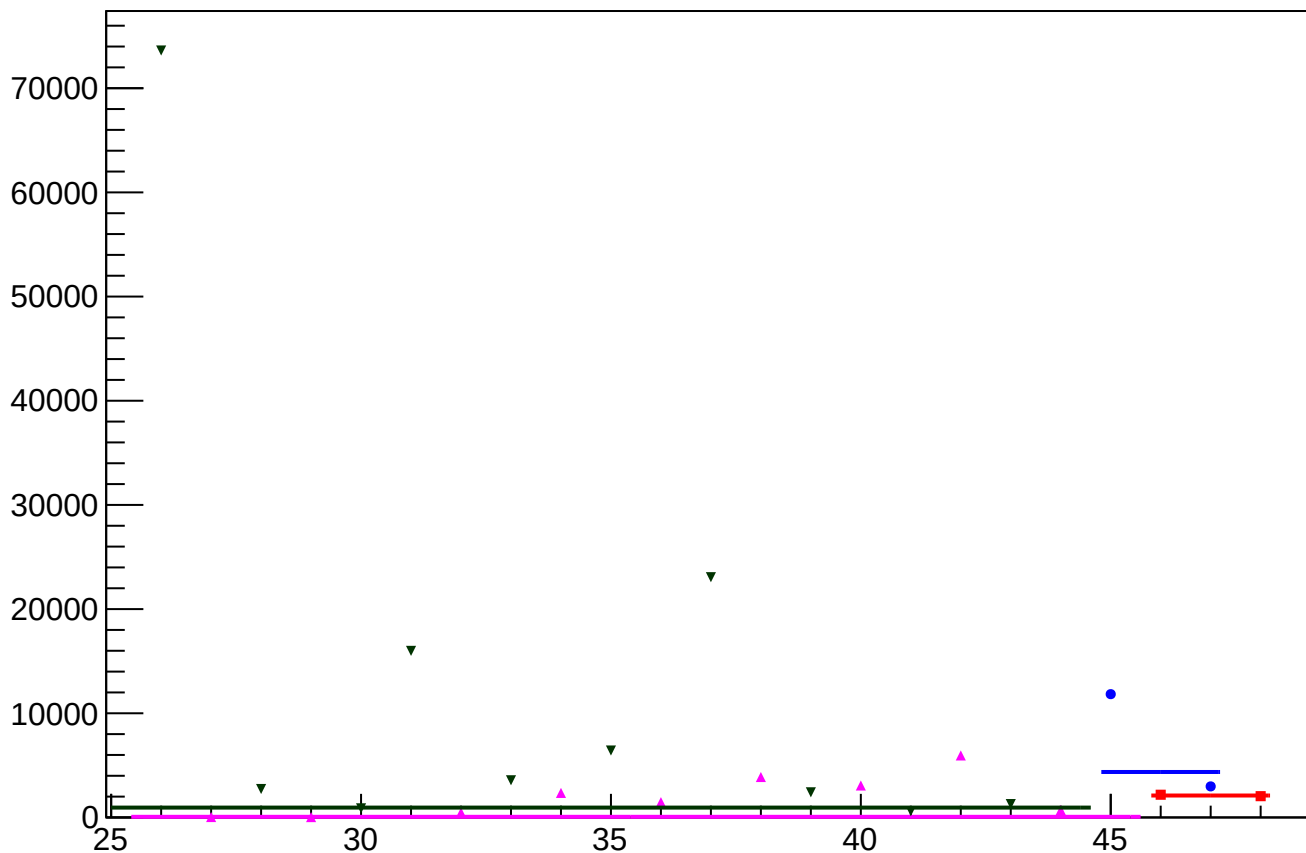
Right Out: 0.656+/-5.490 χ^2/NDF : 0.0/1

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 : 15.6/10

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

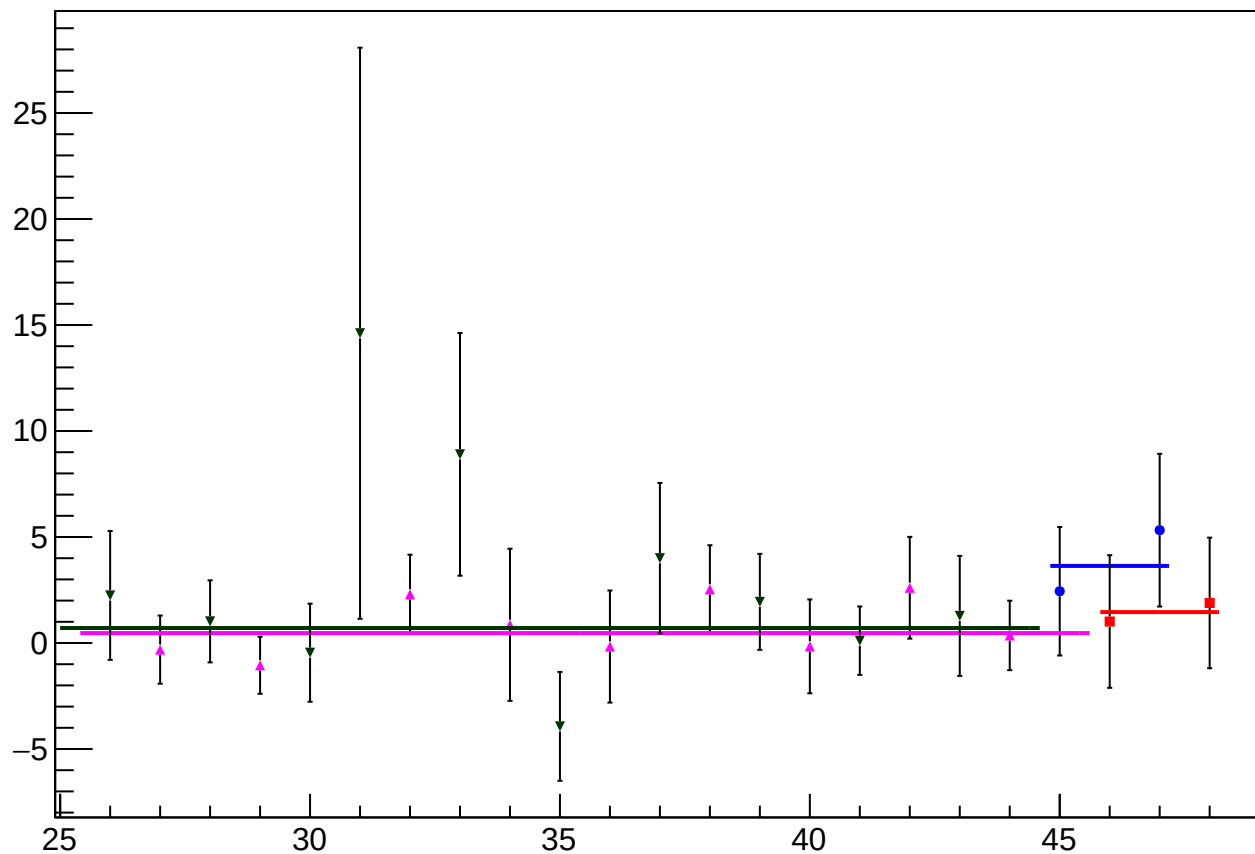
Right Out: 2106.156+/-3.882 χ^2/NDF : 316.6/1

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

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

63.429+/-0.119 χ^2/NDF : 1850676.0/10

diff_cav4bY_mean vs slug



Right In: 3.636+/-2.319 χ^2/NDF : 0.4/1

Left Out: 0.707+/-0.808 χ^2/NDF : 8.2/9

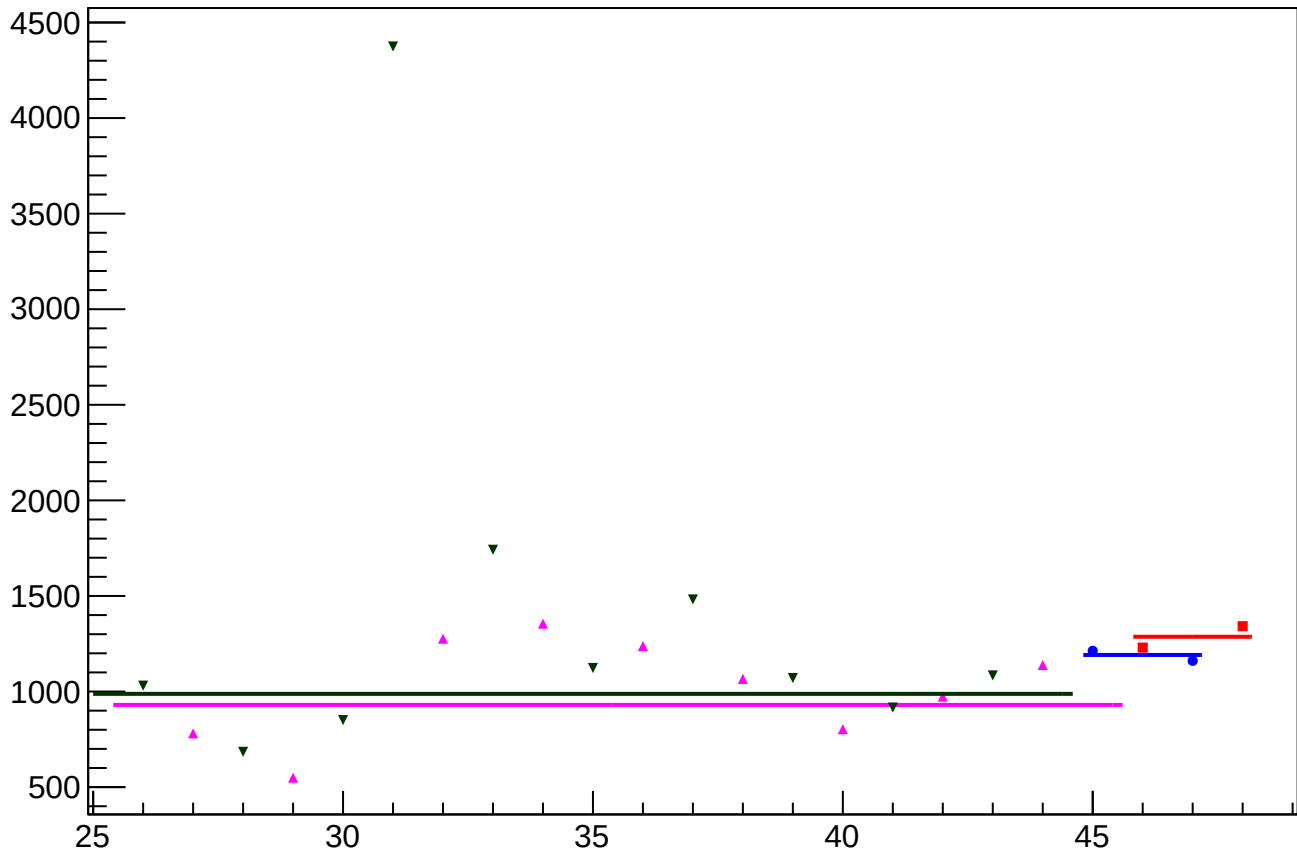
Right Out: 1.458+/-2.195 χ^2/NDF : 0.0/1

Left In: 0.468+/-0.642 χ^2/NDF : 4.4/8

1.023+/-0.763 χ^2/NDF : 10.0/11

0.546+/-0.616 χ^2/NDF : 4.6/10

diff_cav4bY_rms vs slug



Right In: 1191.333 $\pm$ 1.640 χ^2/NDF : 247.3/1

Left Out: 987.900 $\pm$ 0.571 χ^2/NDF : 270892.3/9

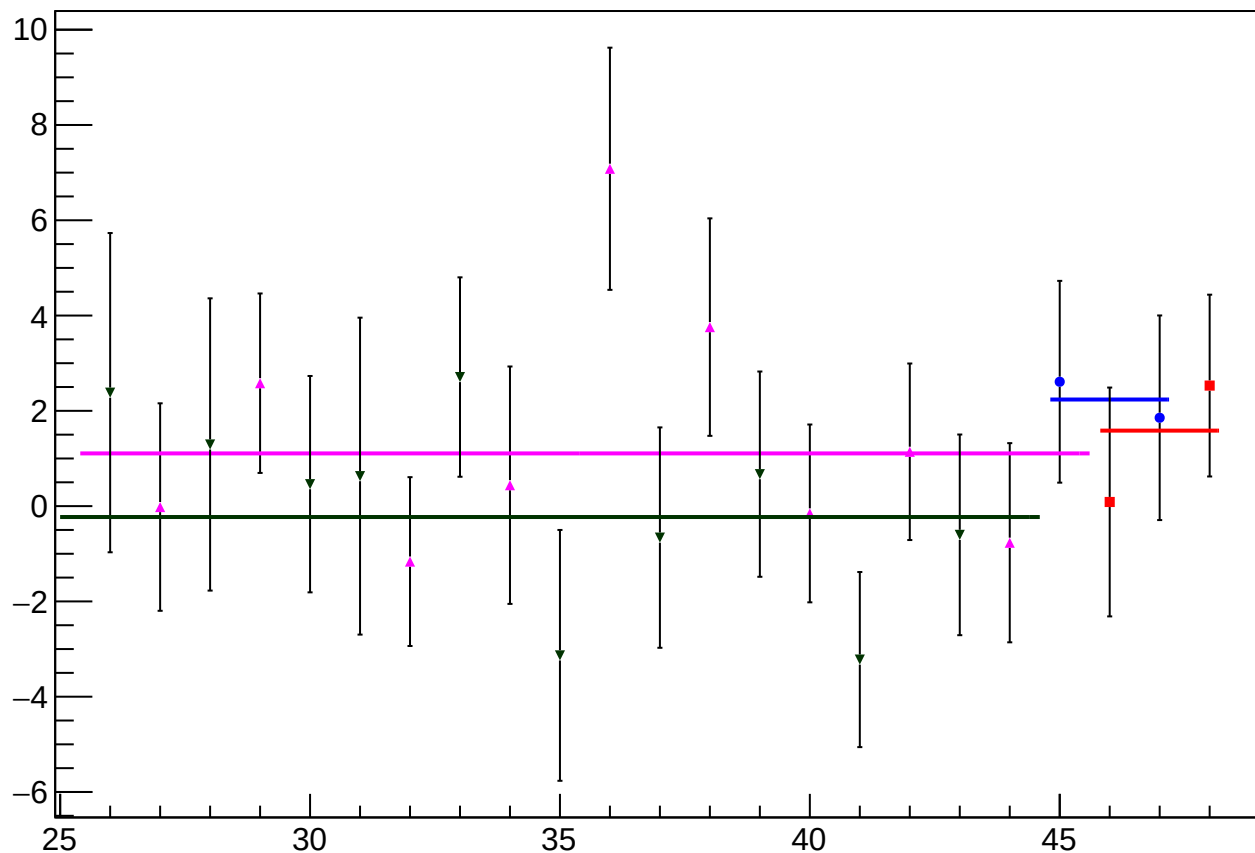
Right Out: 1286.662 $\pm$ 1.552 χ^2/NDF : 1300.4/1

Left In: 930.059 $\pm$ 0.454 χ^2/NDF : 348877.4/8

1009.897 $\pm$ 0.539 χ^2/NDF : 284864.5/11

958.163 $\pm$ 0.436 χ^2/NDF : 398808.1/10

diff_cav4cX_mean vs slug



Right In: 2.238 $\pm$ 1.508 χ^2/NDF : 0.1/1

Left Out: -0.229 $\pm$ 0.750 χ^2/NDF : 7.1/9

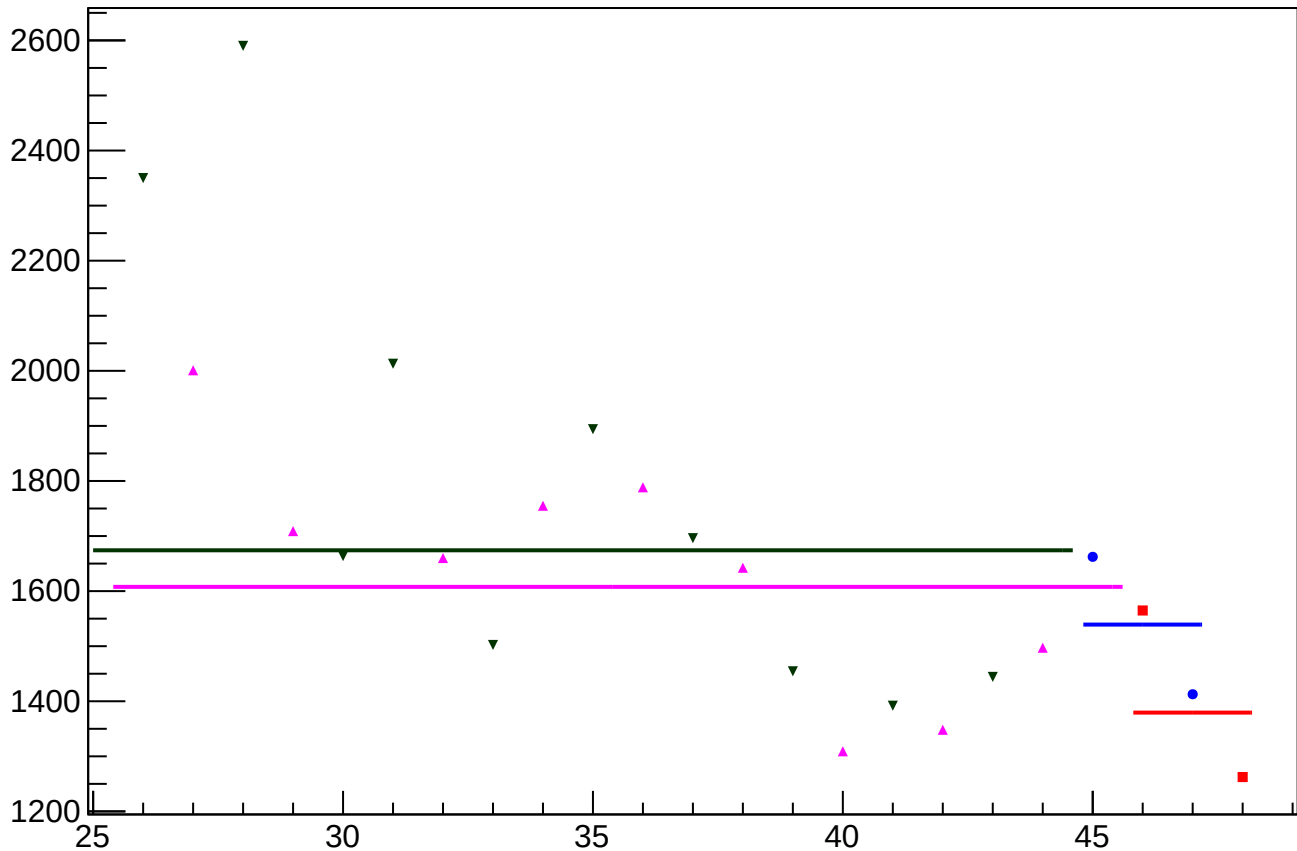
Right Out: 1.585 $\pm$ 1.494 χ^2/NDF : 0.6/1

Left In: 1.107 $\pm$ 0.686 χ^2/NDF : 10.7/8

0.261 $\pm$ 0.672 χ^2/NDF : 9.3/11

1.190 $\pm$ 0.623 χ^2/NDF : 11.4/10

diff_cav4cX_rms vs slug



Right In: 1539.243 $\pm$ 1.066 χ^2 /NDF: 13689.3/1

Left Out: 1674.116 $\pm$ 0.531 χ^2 /NDF:399958.8/9

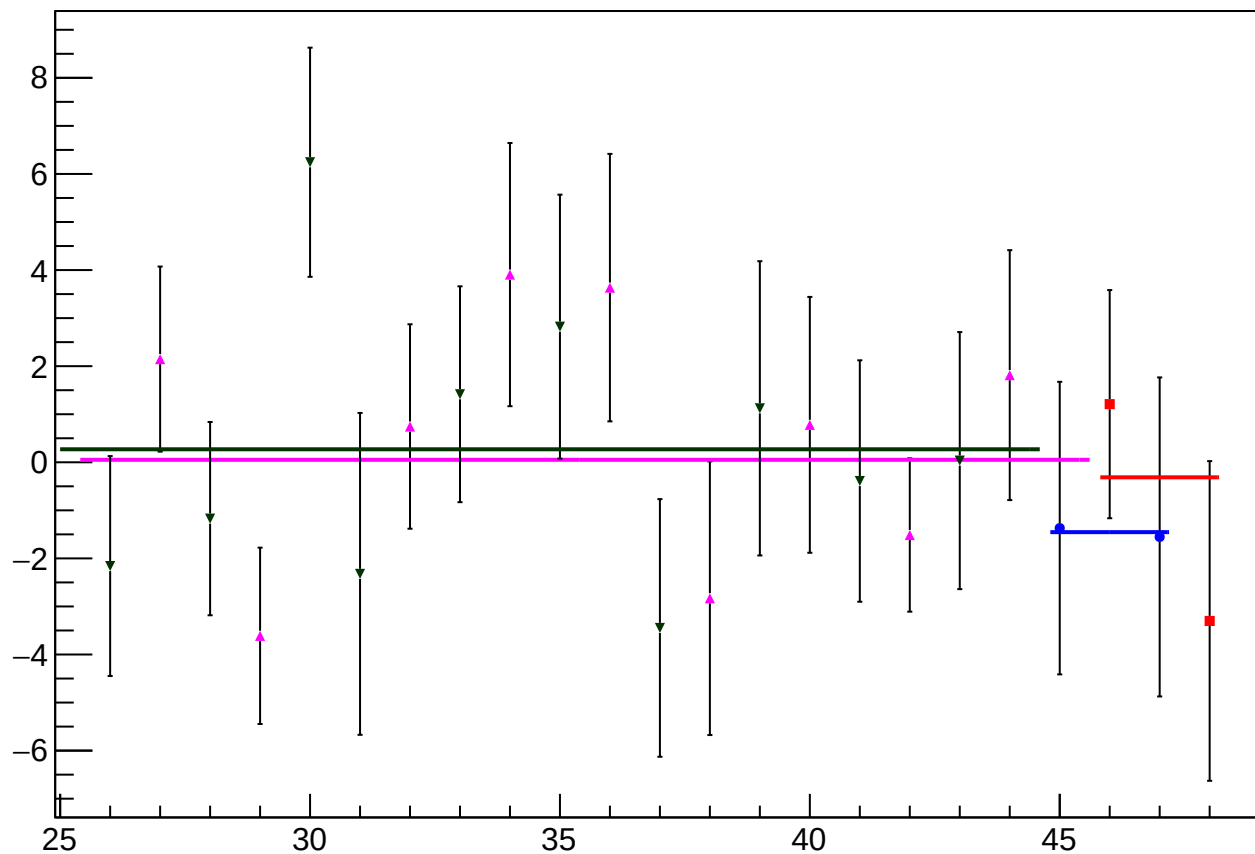
Right Out: 1379.409 $\pm$ 1.056 χ^2 /NDF: 19448.4/1

Left In: 1607.717 $\pm$ 0.485 χ^2 /NDF:186348.1/8

1647.347 $\pm$ 0.475 χ^2 /NDF: 426474.7/11

1567.983 $\pm$ 0.441 χ^2 /NDF: 244378.4/10

diff_cav4cY_mean vs slug



Right In: -1.454+/-2.244 χ^2/NDF : 0.0/1

Left Out: 0.271+/-0.796 χ^2/NDF :11.7/9

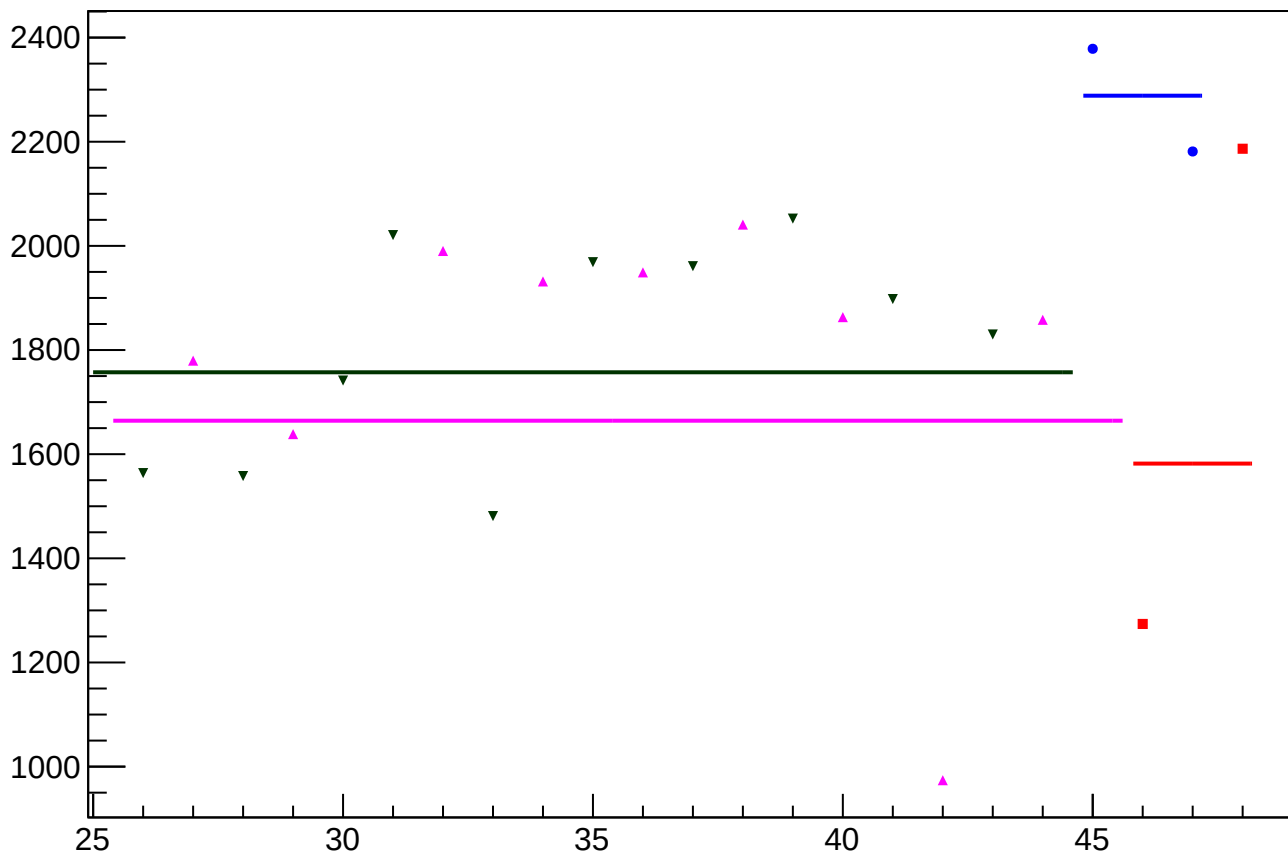
Right Out: -0.313+/-1.932 χ^2/NDF : 1.2/1

Left In: 0.052+/-0.734 χ^2/NDF :11.4/8

0.078+/-0.750 χ^2/NDF : 12.2/11

0.006+/-0.686 χ^2/NDF : 12.7/10

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

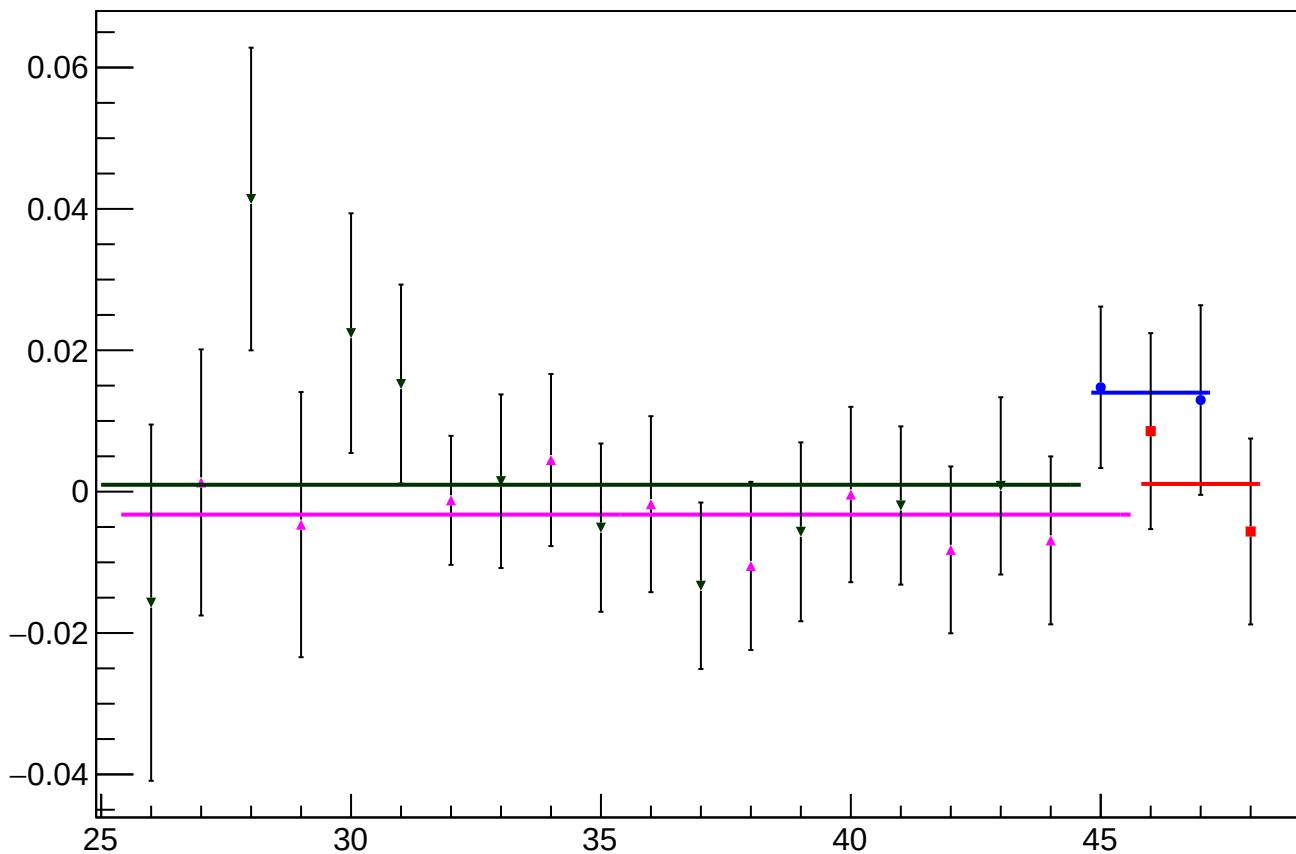
Right Out: 1581.927+/-1.366 χ^2/NDF : 99748.7/1

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

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

1653.886+/-0.485 χ^2/NDF : 629183.4/10

diff_cav4dX_mean vs slug



Right In: 0.014+/-0.009 χ^2/NDF : 0.0/1

Left Out: 0.001+/-0.004 χ^2/NDF : 8.7/9

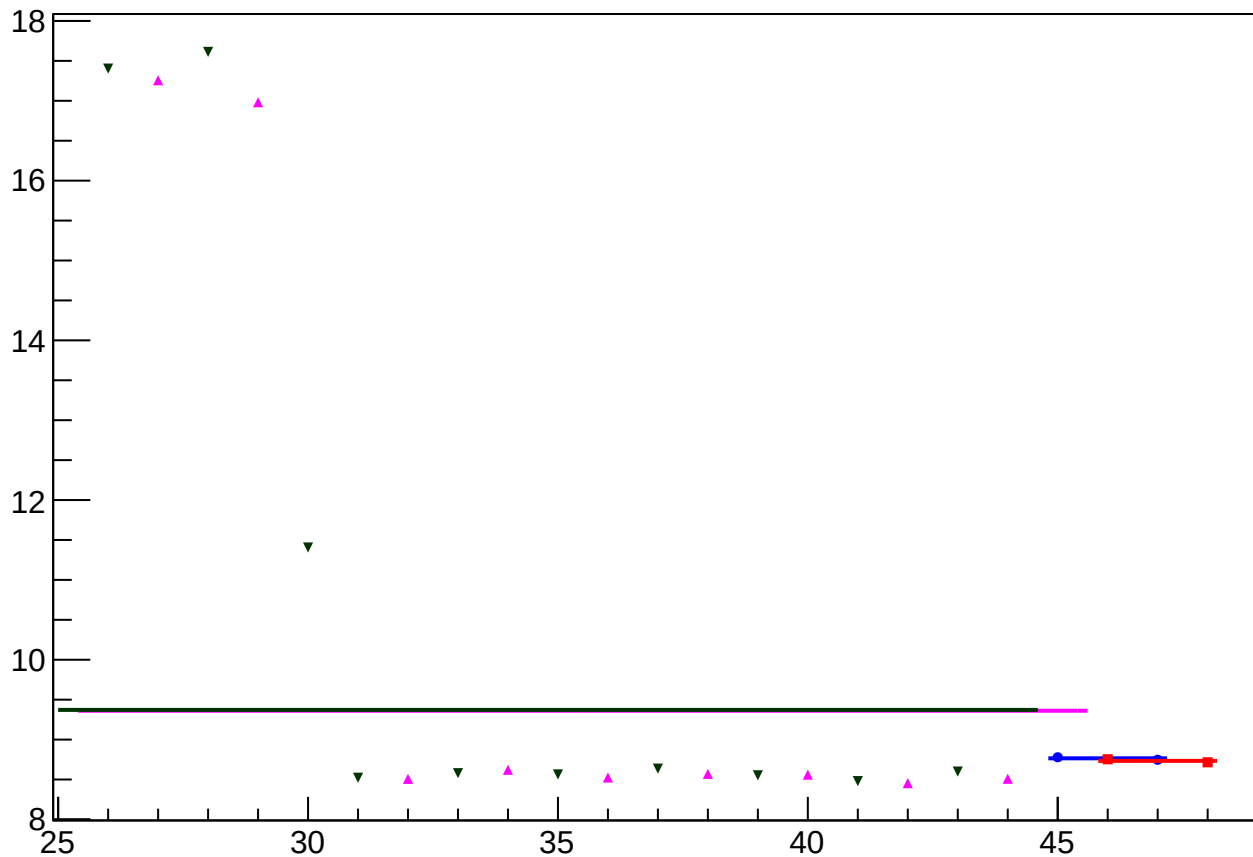
Right Out: 0.001+/-0.010 χ^2/NDF : 0.6/1

Left In: -0.003+/-0.004 χ^2/NDF : 1.2/8

0.004+/-0.004 χ^2/NDF : 10.5/11

-0.003+/-0.004 χ^2/NDF : 2.0/10

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

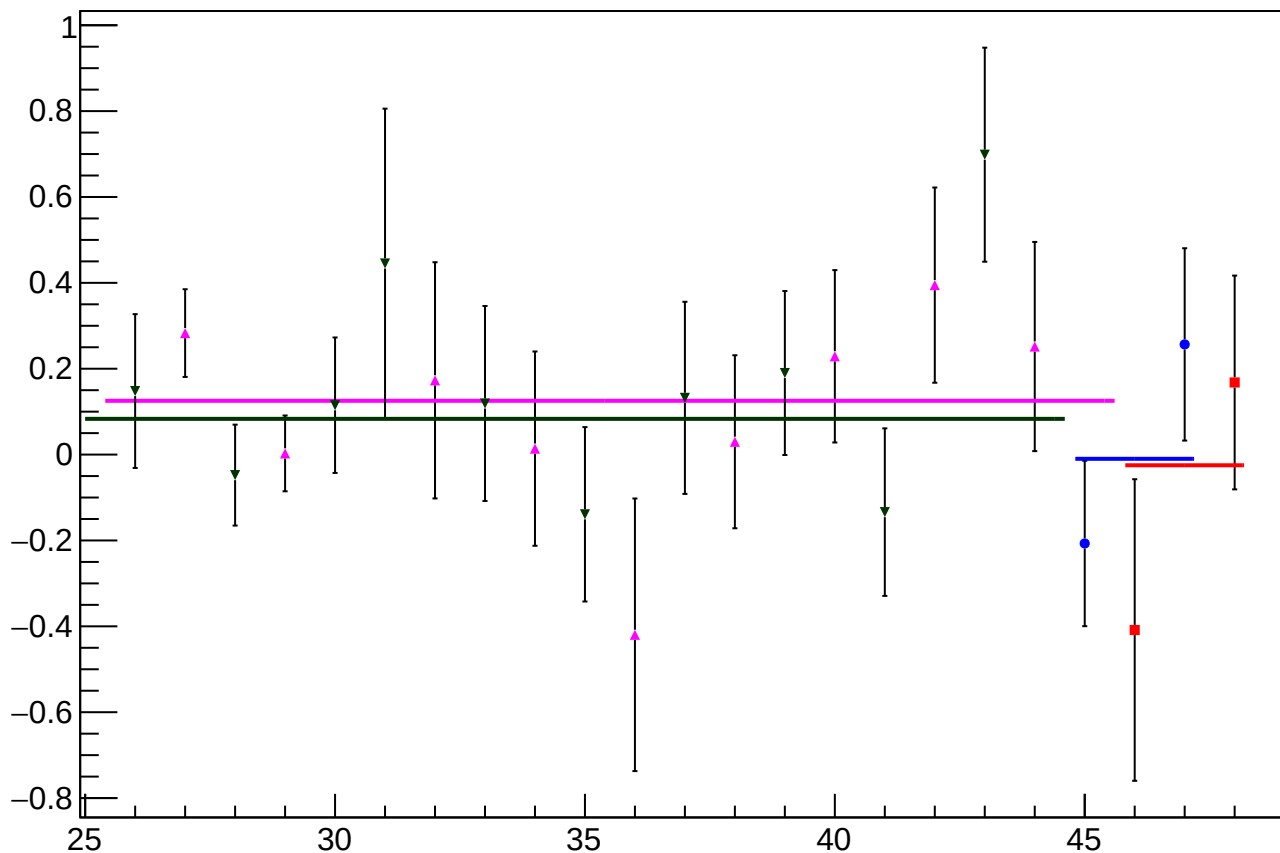
Right Out: 8.733 $\pm$ 0.007 χ^2 /NDF: 7.9/1

Left In: 9.361 $\pm$ 0.003 χ^2 /NDF: 755360.8/8

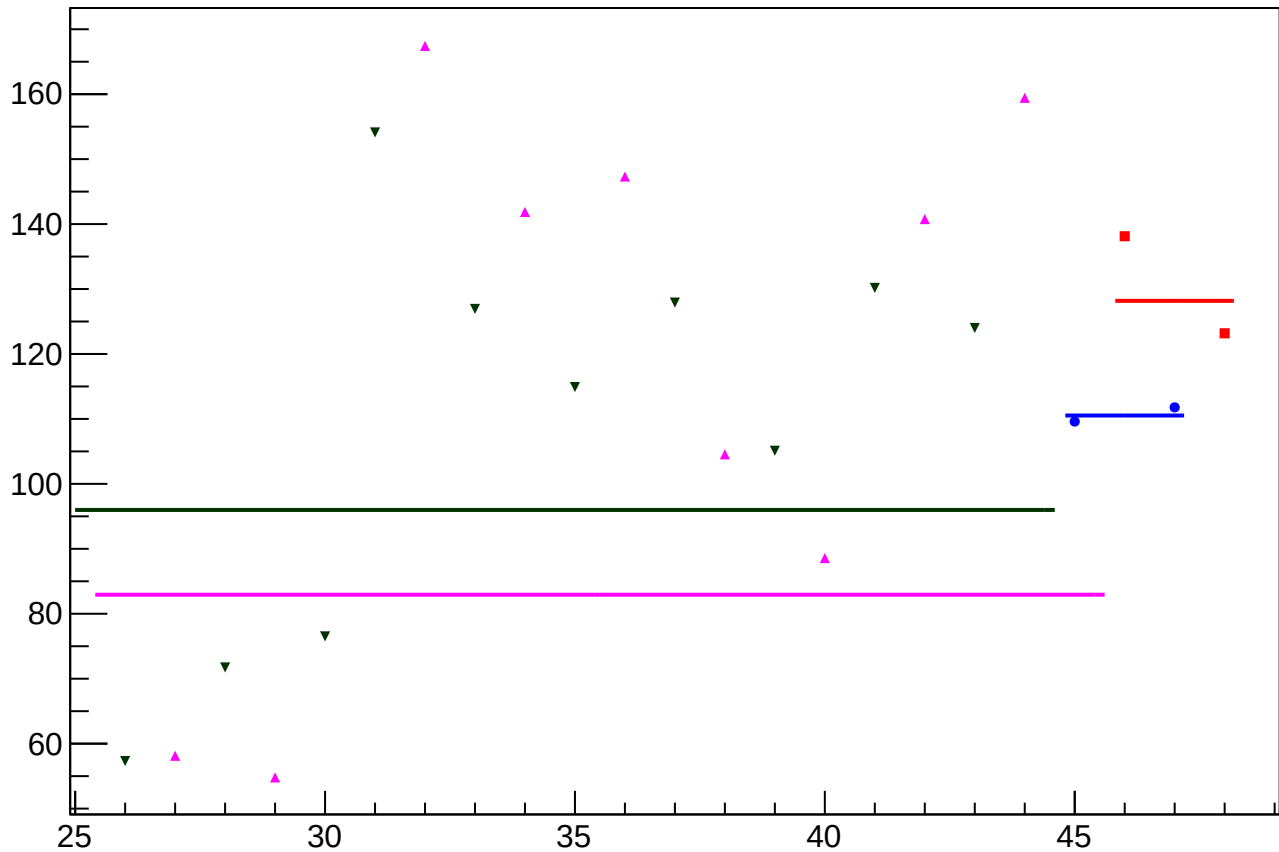
9.252 $\pm$ 0.003 χ^2 /NDF: 597427.2/11

9.262 $\pm$ 0.003 χ^2 /NDF: 762665.3/10

diff_cav4dY_mean vs slug



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

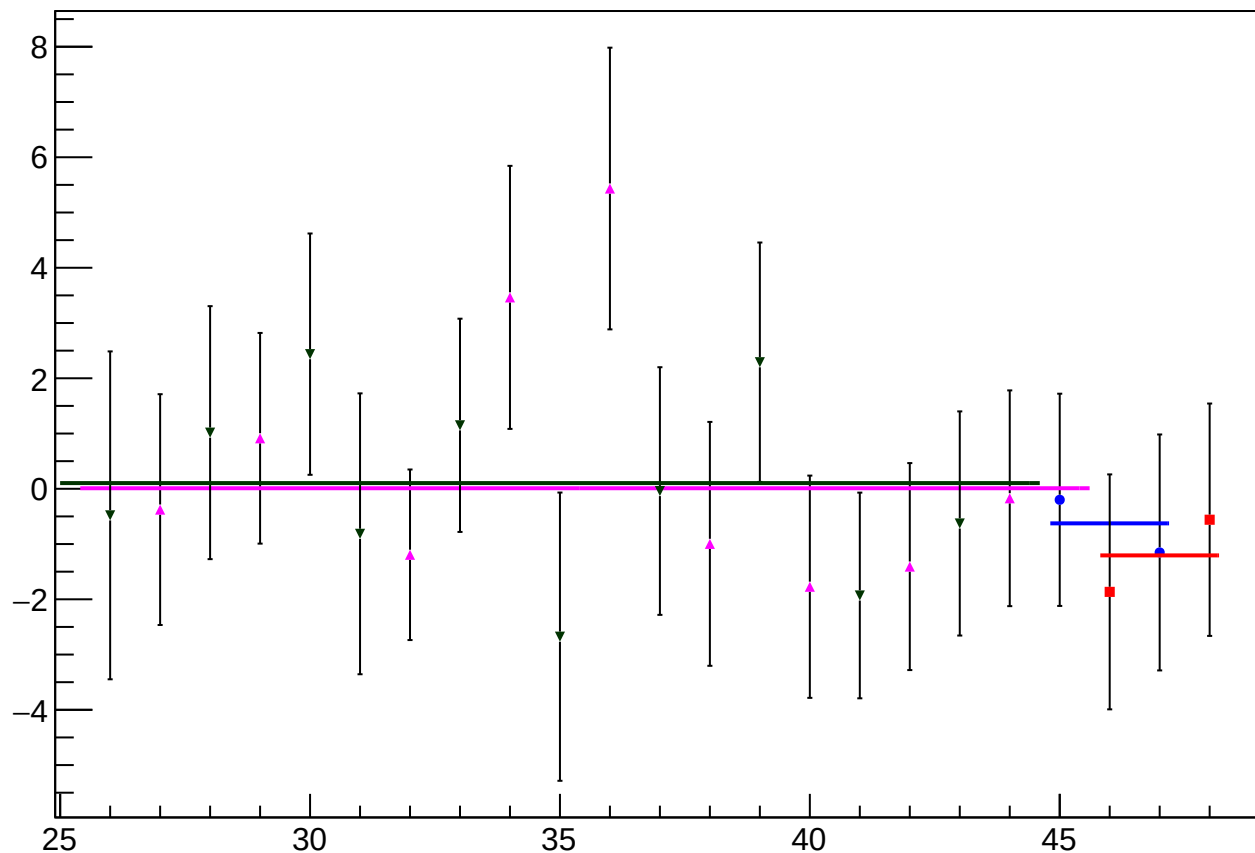
Right Out: 128.180 $\pm$ 0.144 χ^2/NDF : 2410.6/1

Left In: 82.933 $\pm$ 0.038 χ^2/NDF : 1079060.0/8

98.039 $\pm$ 0.039 χ^2/NDF : 464351.8/11

85.844 $\pm$ 0.036 χ^2/NDF : 1174348.0/10

diff_bpm4aX_mean vs slug



Right In: -0.626 ± 1.428 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.103 ± 0.702 $\chi^2/\text{NDF}: 5.2/9$

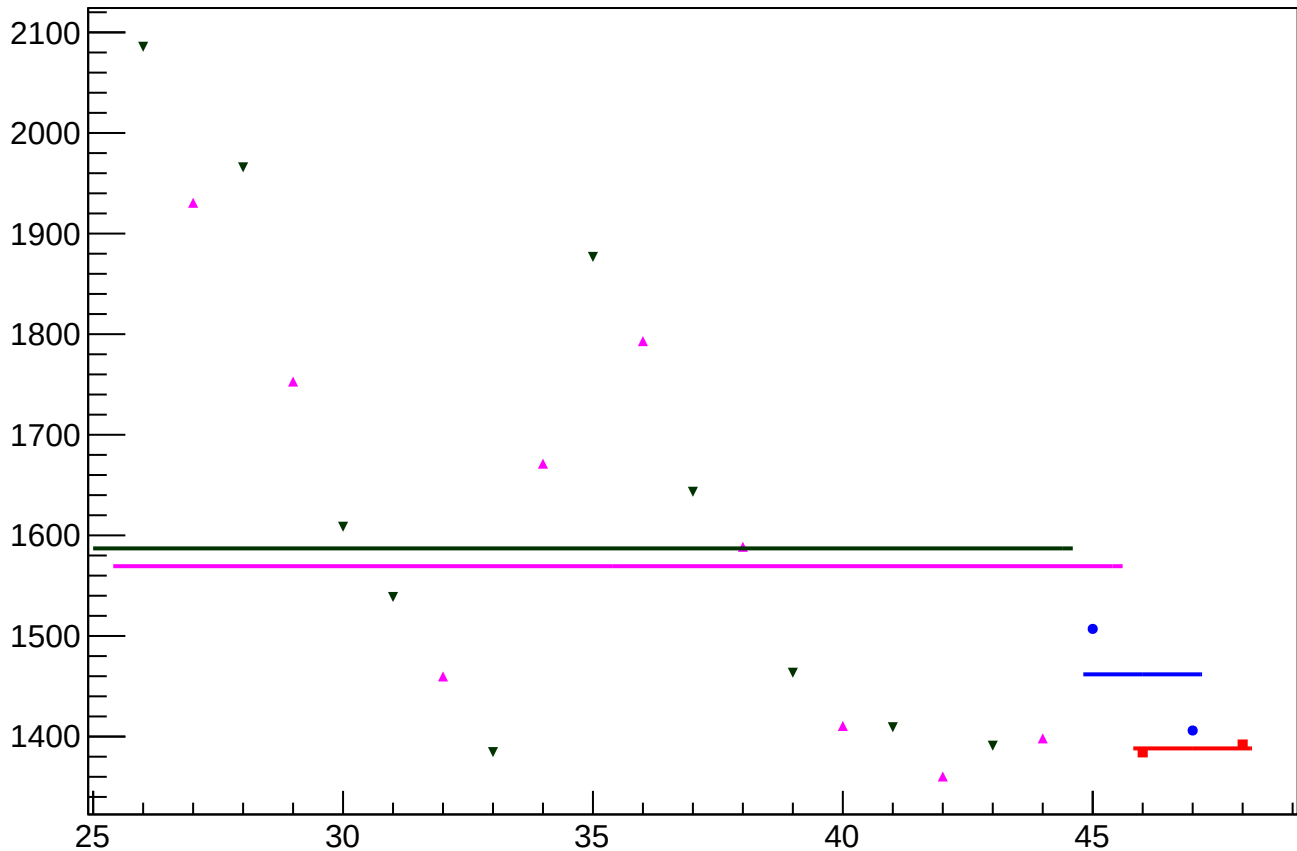
Right Out: -1.205 ± 1.495 $\chi^2/\text{NDF}: 0.2/1$

Left In: 0.010 ± 0.666 $\chi^2/\text{NDF}: 9.1/8$

-0.039 ± 0.630 $\chi^2/\text{NDF}: 5.6/11$

-0.191 ± 0.608 $\chi^2/\text{NDF}: 9.8/10$

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

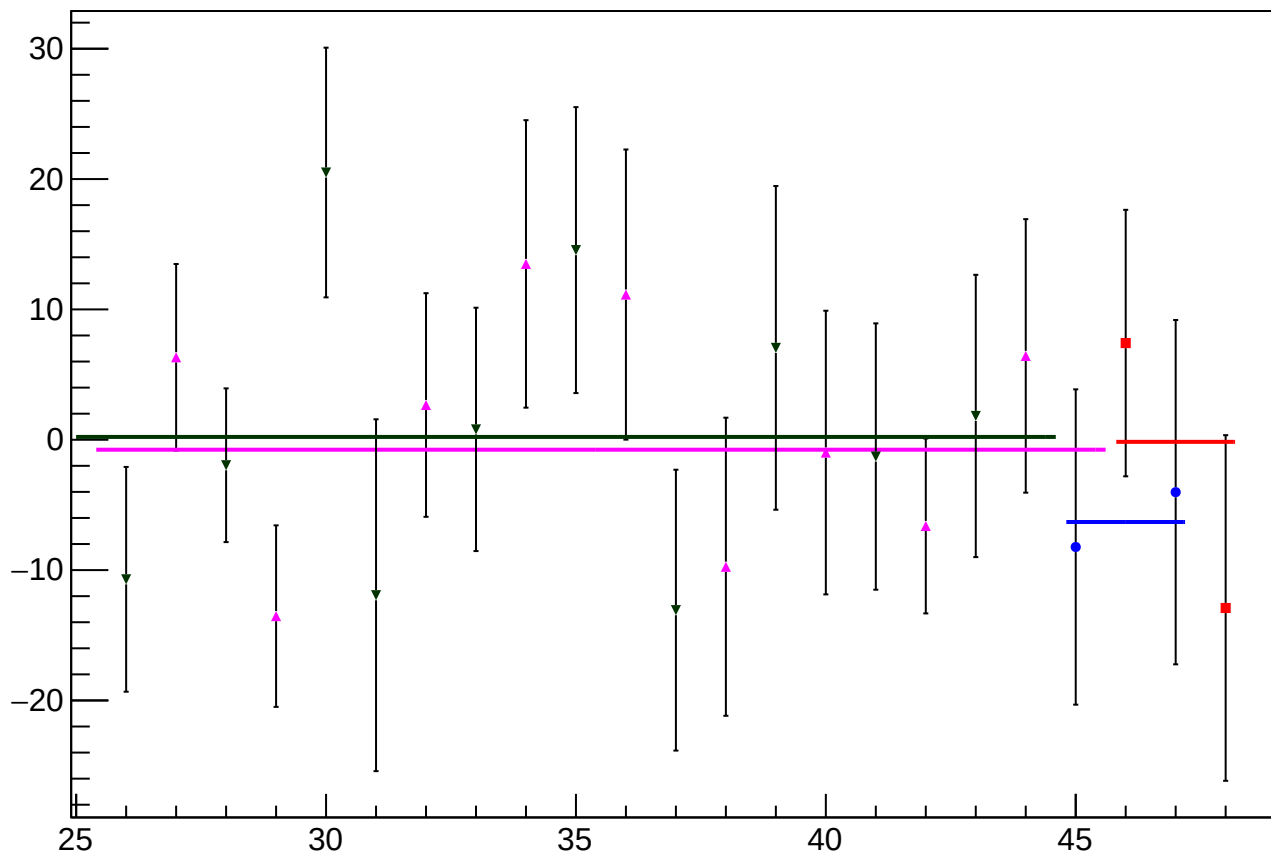
Right Out: 1388.229 +/- 1.057 χ^2/NDF : 13.6/1

Left In: 1569.361 +/- 0.471 χ^2/NDF : 160439.4/8

1562.674 +/- 0.446 χ^2/NDF : 218440.3/11

1539.368 +/- 0.430 χ^2/NDF : 184950.0/10

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

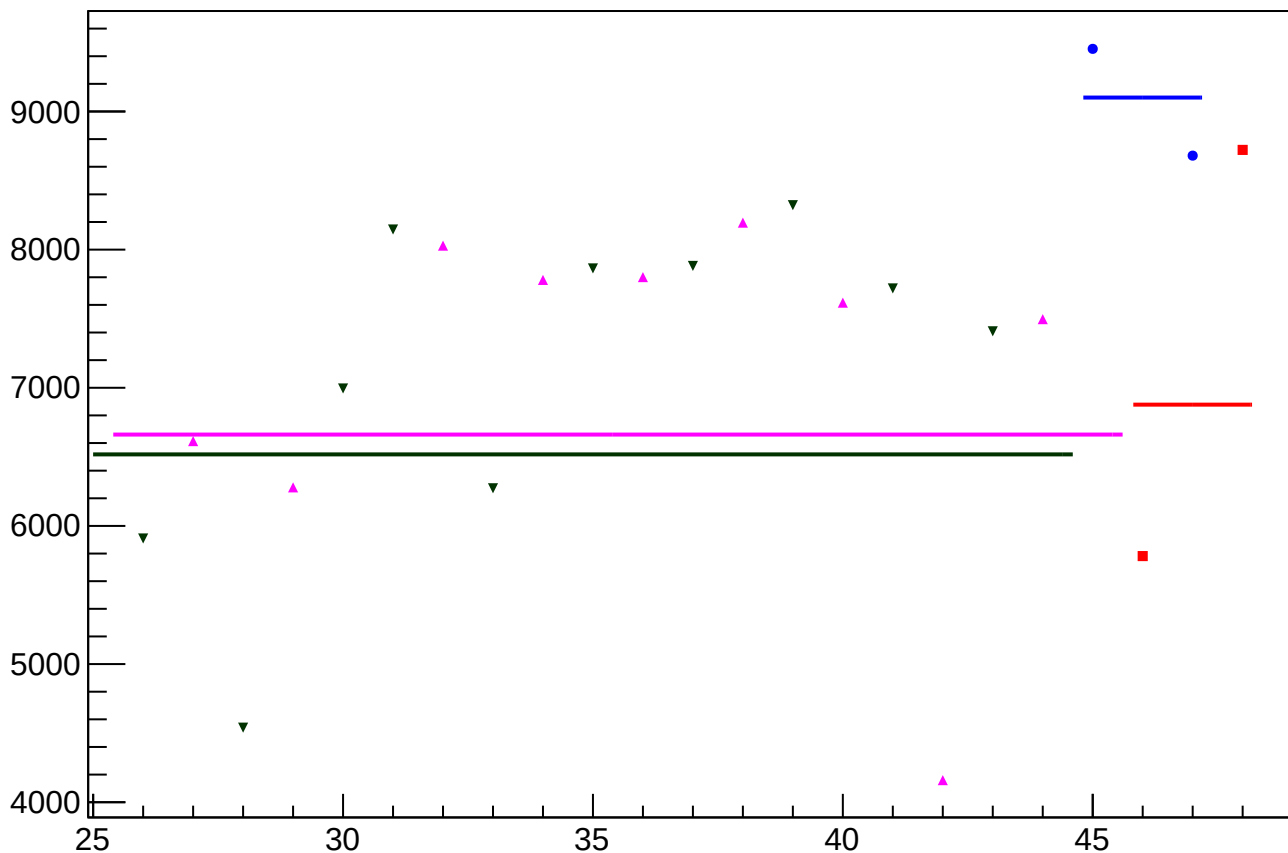
Right Out: -0.160+/-8.096 χ^2/NDF : 1.5/1

Left In: -0.763+/-2.918 χ^2/NDF :9.2/8

-0.444+/-2.838 χ^2/NDF : 11.2/11

-0.694+/-2.745 χ^2/NDF : 10.6/10

diff_bpm4aY_rms vs slug



Right In: 9100.796 $\pm$ 6.308 χ^2 /NDF: 3725.1/1

Left Out: 6517.791 $\pm$ 2.117 χ^2 /NDF: 416045.1/9

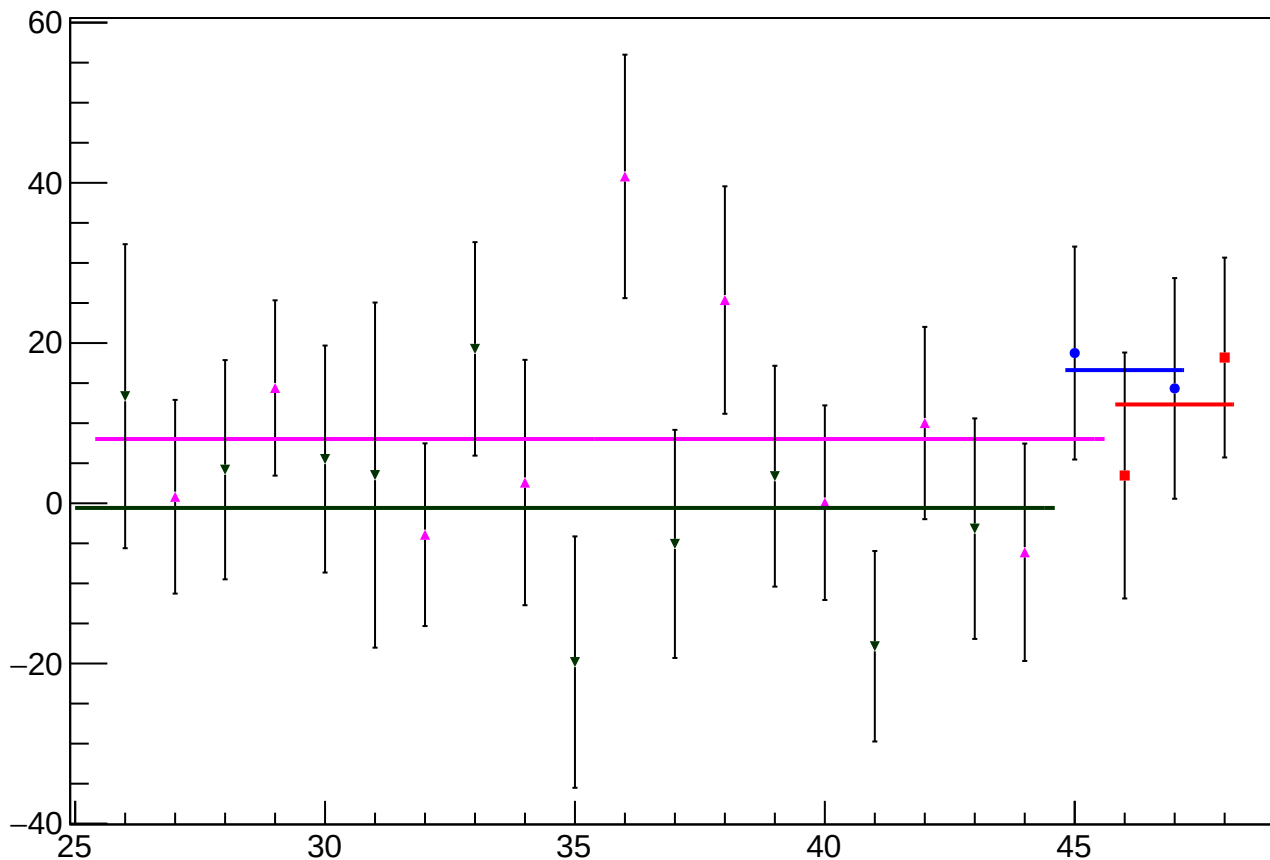
Right Out: 6877.908 $\pm$ 5.724 χ^2 /NDF: 61685.1/1

Left In: 6661.299 $\pm$ 2.063 χ^2 /NDF: 440651.7/8

6779.238 $\pm$ 2.007 χ^2 /NDF: 570490.2/11

6686.207 $\pm$ 1.941 χ^2 /NDF: 503603.9/10

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

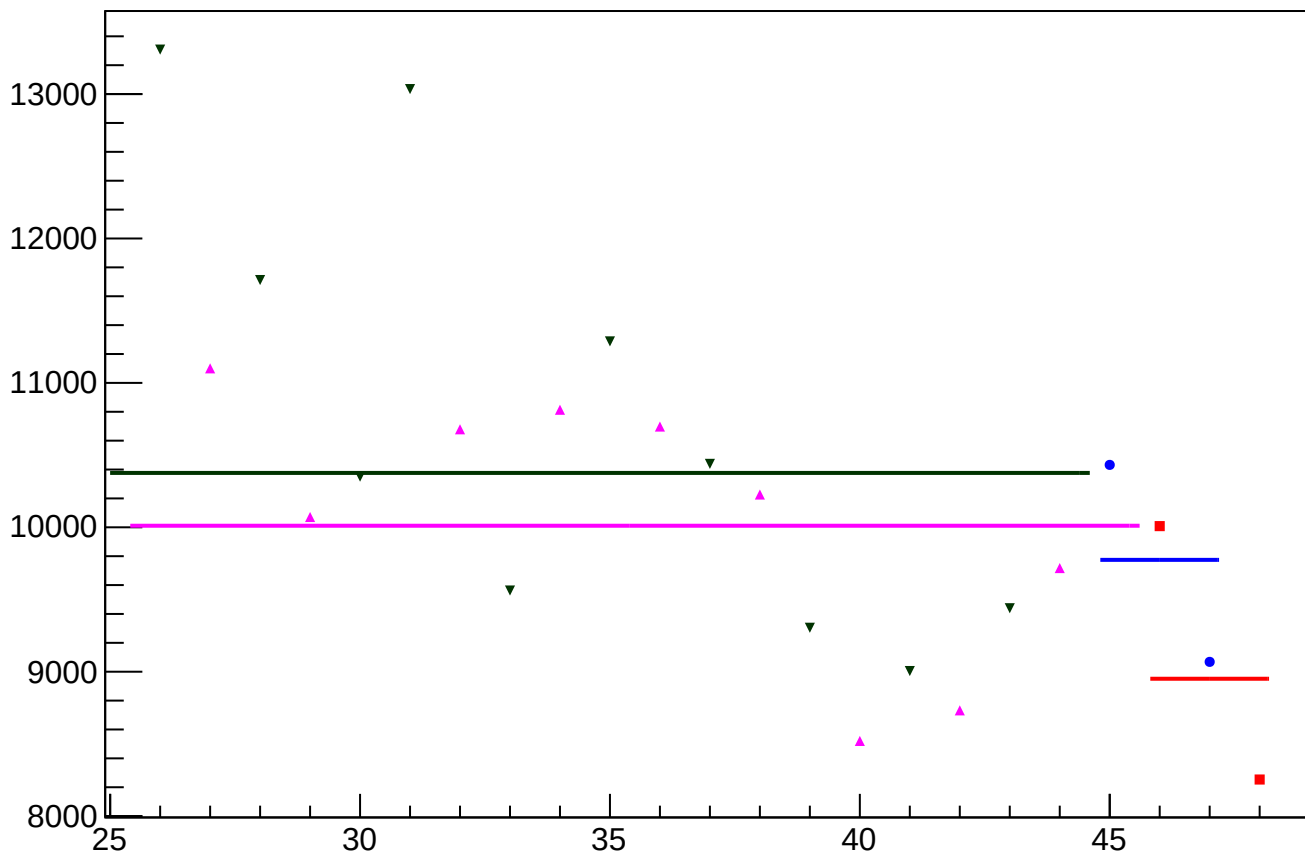
Right Out: 12.336+/-9.679 χ^2 /NDF: 0.6/1

Left In: 8.023+/-4.241 χ^2 /NDF: 9.6/8

2.638+/-4.137 χ^2 /NDF: 9.6/11

8.718+/-3.885 χ^2 /NDF: 10.3/10

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

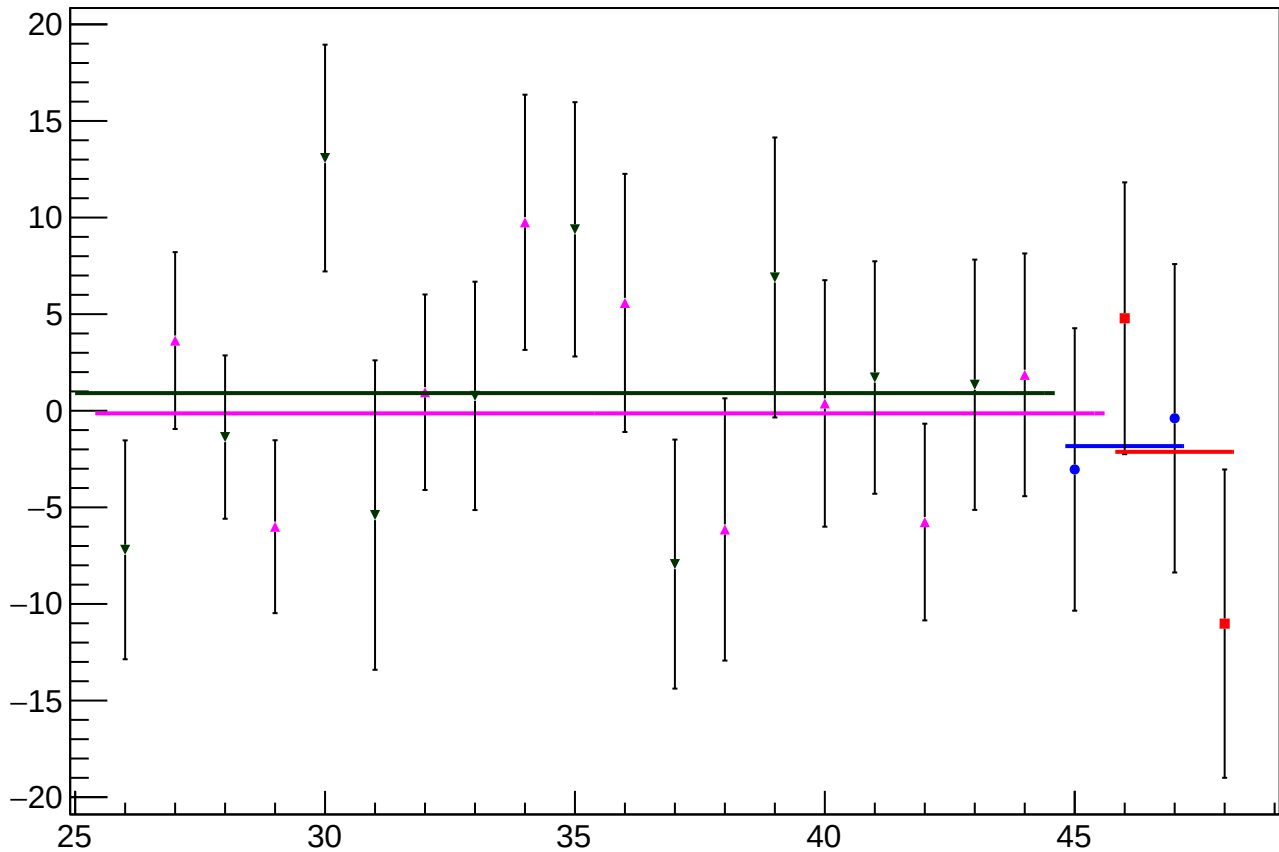
Right Out: 8951.298 ± 6.844 χ^2/NDF : 15744.7/1

Left In: 10010.873 ± 2.999 χ^2/NDF : 86966.6/8

10263.945 ± 2.925 χ^2/NDF : 176112.1/11

9840.220 ± 2.747 χ^2/NDF : 122817.5/10

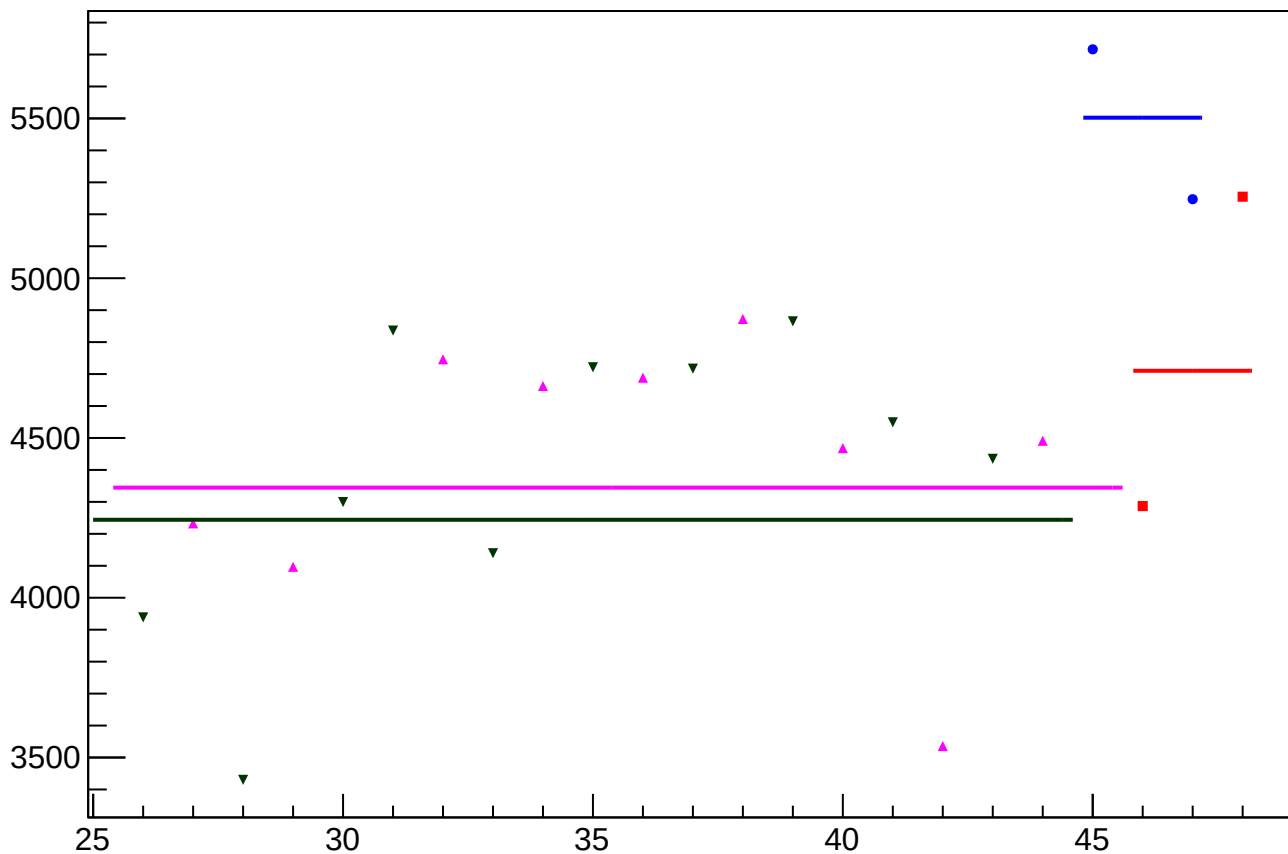
diff_bpm4eY_mean vs slug



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: -2.126+/-5.277 χ^2/NDF : 2.2/1
 Left In: -0.134+/-1.850 χ^2/NDF : 7.5/8

0.611+/-1.789 χ^2/NDF : 11.8/11
 -0.352+/-1.746 χ^2/NDF : 9.9/10

diff_bpm4eY_rms vs slug



Right In: 5502.318 $\pm$ 3.812 χ^2 /NDF: 3755.9/1

Left Out: 4243.997 $\pm$ 1.341 χ^2 /NDF:134537.2/9

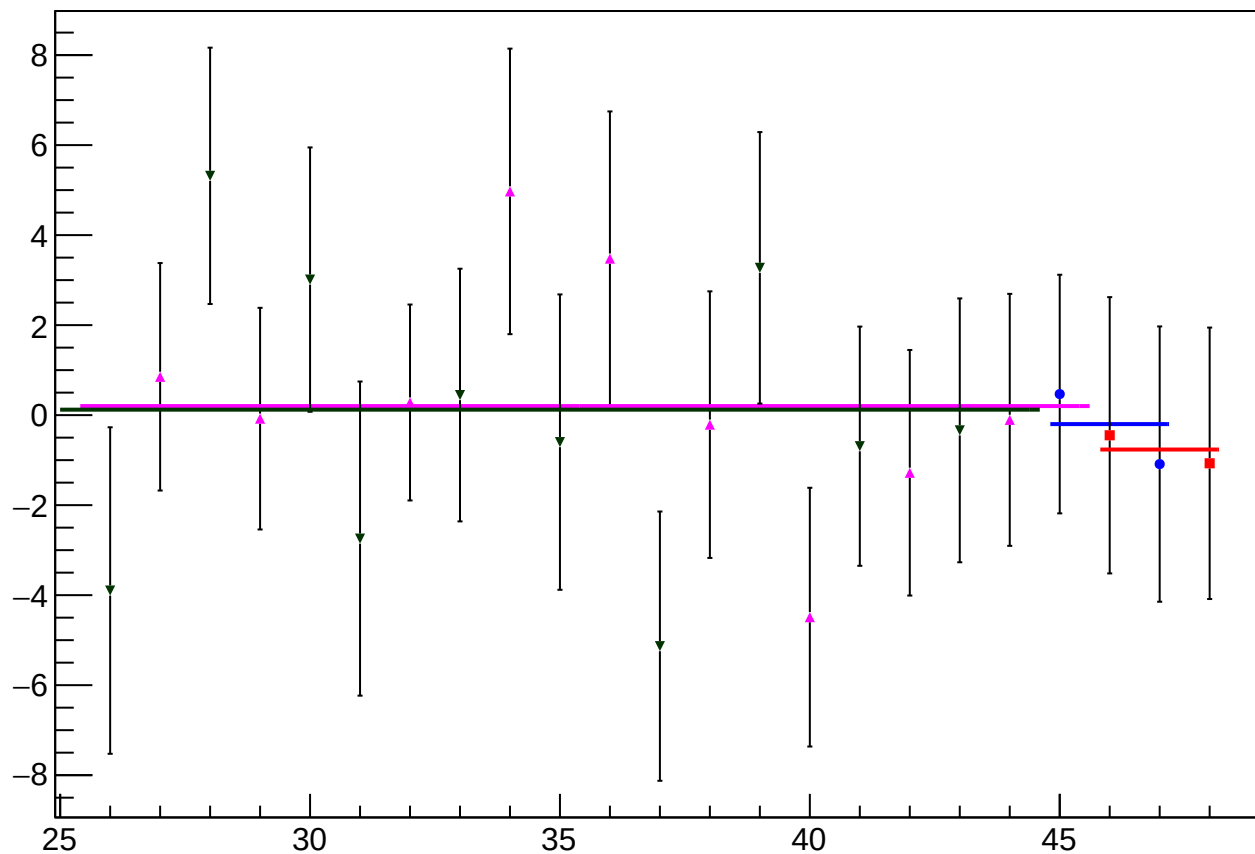
Right Out: 4710.292 $\pm$ 3.731 χ^2 /NDF: 16568.4/1

Left In: 4344.593 $\pm$ 1.308 χ^2 /NDF:94267.5/8

4382.566 $\pm$ 1.265 χ^2 /NDF: 235253.9/11

4384.615 $\pm$ 1.234 χ^2 /NDF: 119390.4/10

diff_bpm4acX_mean vs slug



Right In: -0.199 ± 2.003 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.122 ± 0.955 $\chi^2/\text{NDF}: 10.6/9$

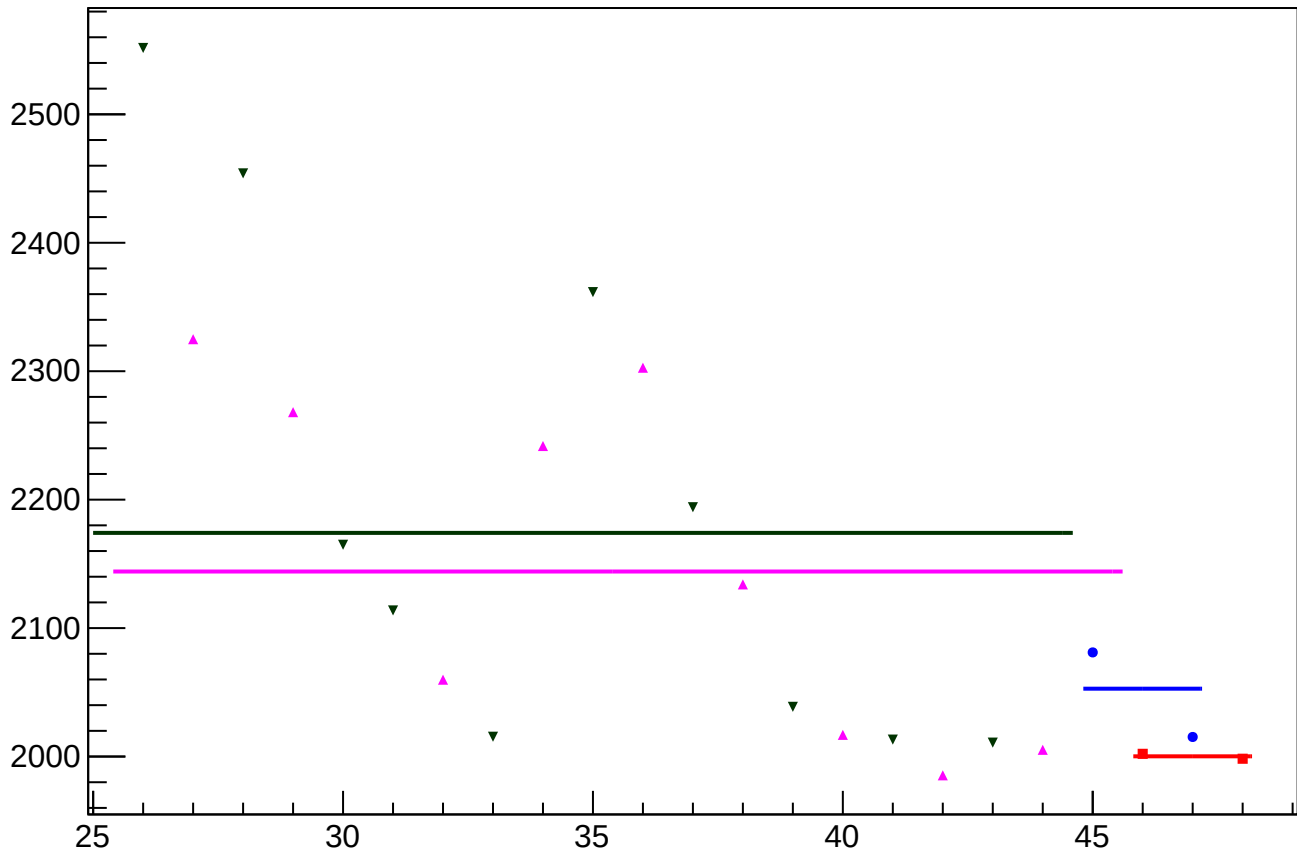
Right Out: -0.764 ± 2.151 $\chi^2/\text{NDF}: 0.0/1$

Left In: 0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

0.062 ± 0.862 $\chi^2/\text{NDF}: 10.7/11$

0.056 ± 0.834 $\chi^2/\text{NDF}: 6.5/10$

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

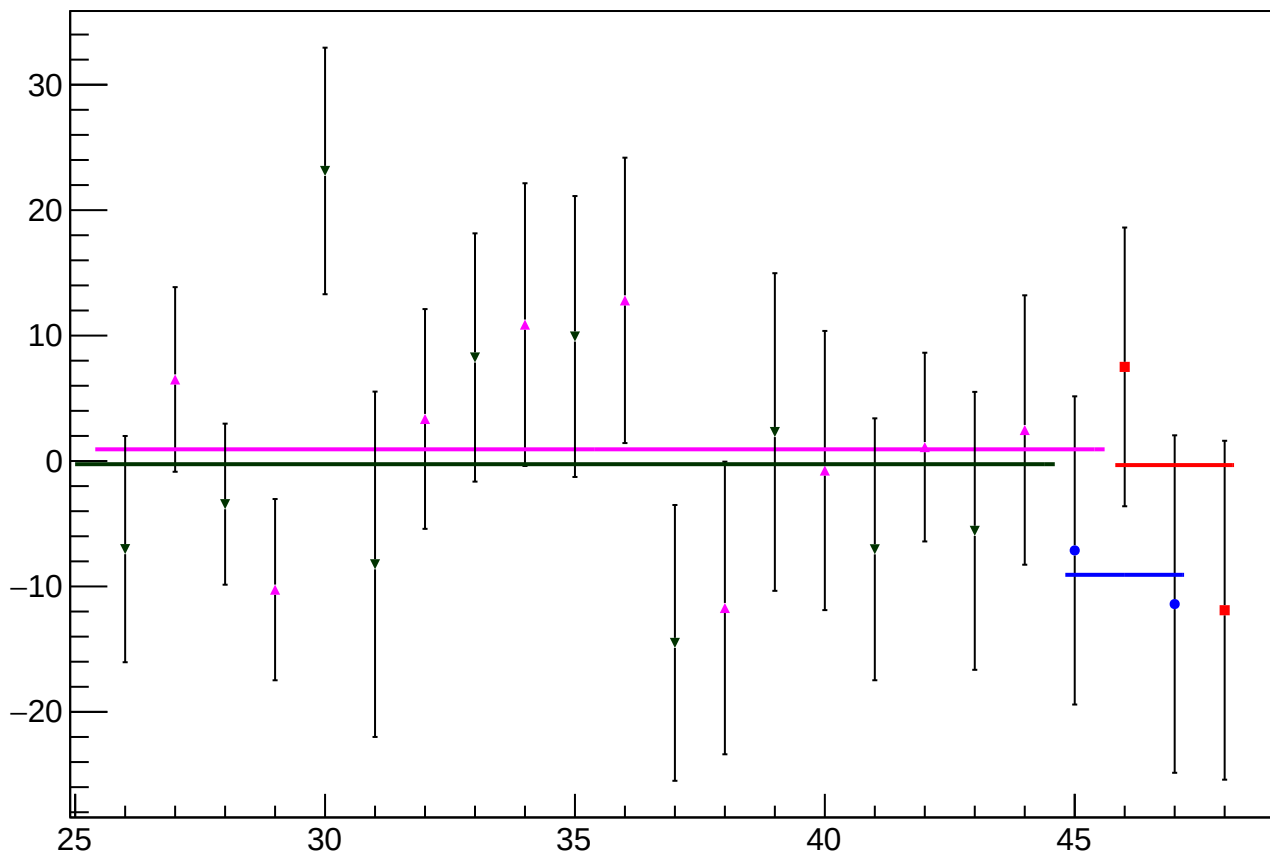
Right Out: 2000.172+/-1.521 χ^2/NDF : 1.6/1

Left In: 2144.053+/-0.640 χ^2/NDF : 40538.6/8

2151.671+/-0.610 χ^2/NDF : 78678.8/11

2122.440+/-0.590 χ^2/NDF : 48142.8/10

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

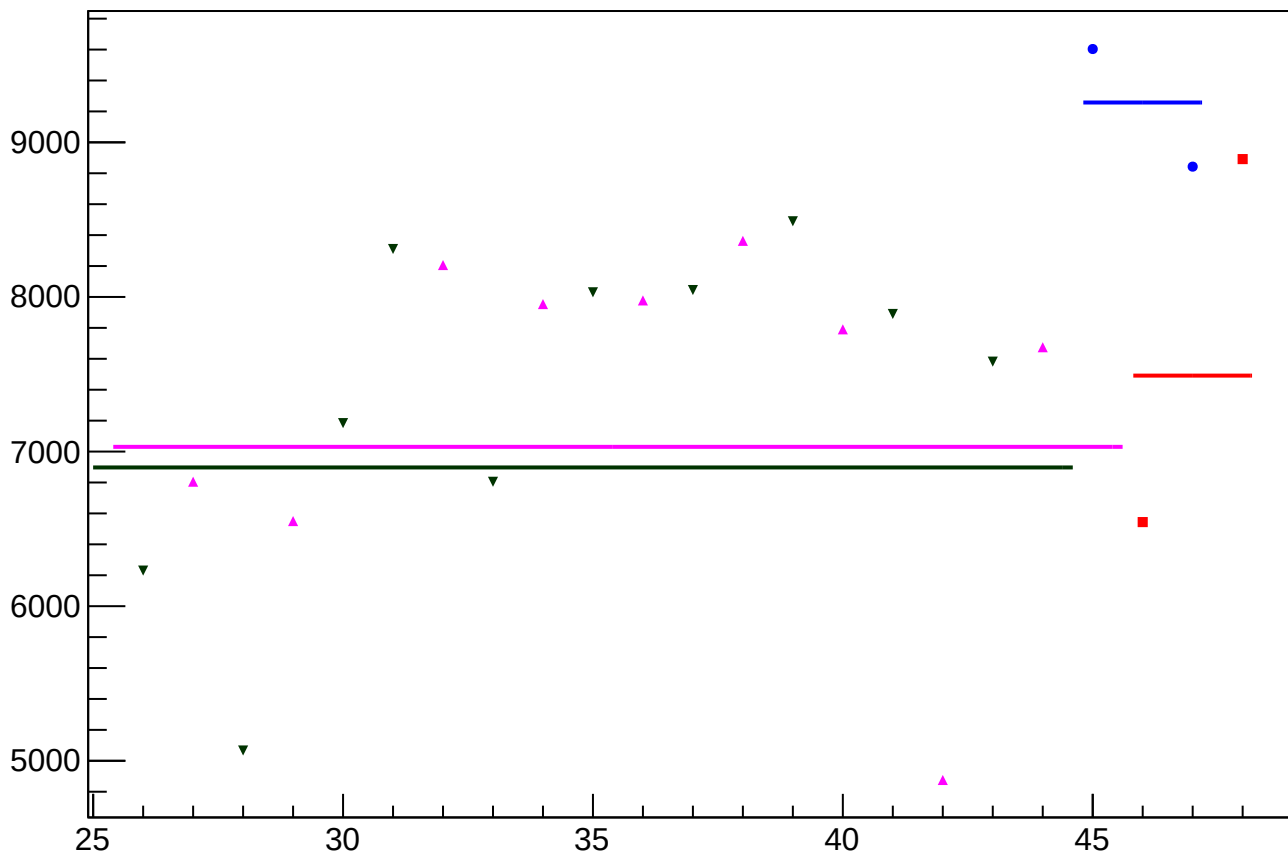
Right Out: -0.324+/-8.582 χ^2/NDF : 1.2/1

Left In: 0.933+/-3.043 χ^2/NDF : 6.1/8

-1.190+/-2.957 χ^2/NDF : 11.6/11

0.792+/-2.868 χ^2/NDF : 7.4/10

diff_bpm4acY_rms vs slug



Right In: 9257.646 $\pm$ 6.415 χ^2 /NDF: 3487.5/1

Left Out: 6897.291 $\pm$ 2.212 χ^2 /NDF: 296077.9/9

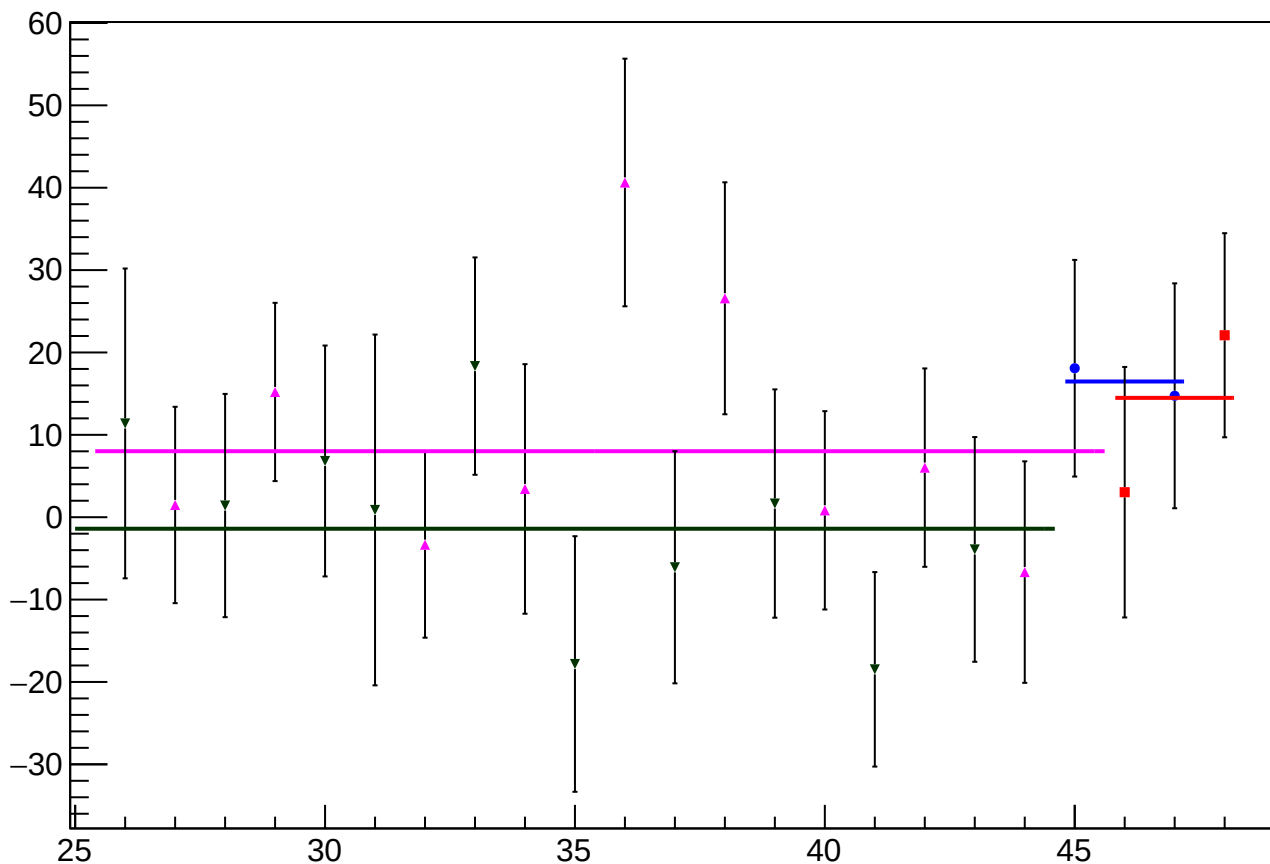
Right Out: 7491.289 $\pm$ 6.068 χ^2 /NDF: 36028.7/1

Left In: 7030.553 $\pm$ 2.152 χ^2 /NDF: 280714.3/8

7148.100 $\pm$ 2.091 χ^2 /NDF: 420567.5/11

7082.007 $\pm$ 2.028 χ^2 /NDF: 321864.2/10

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

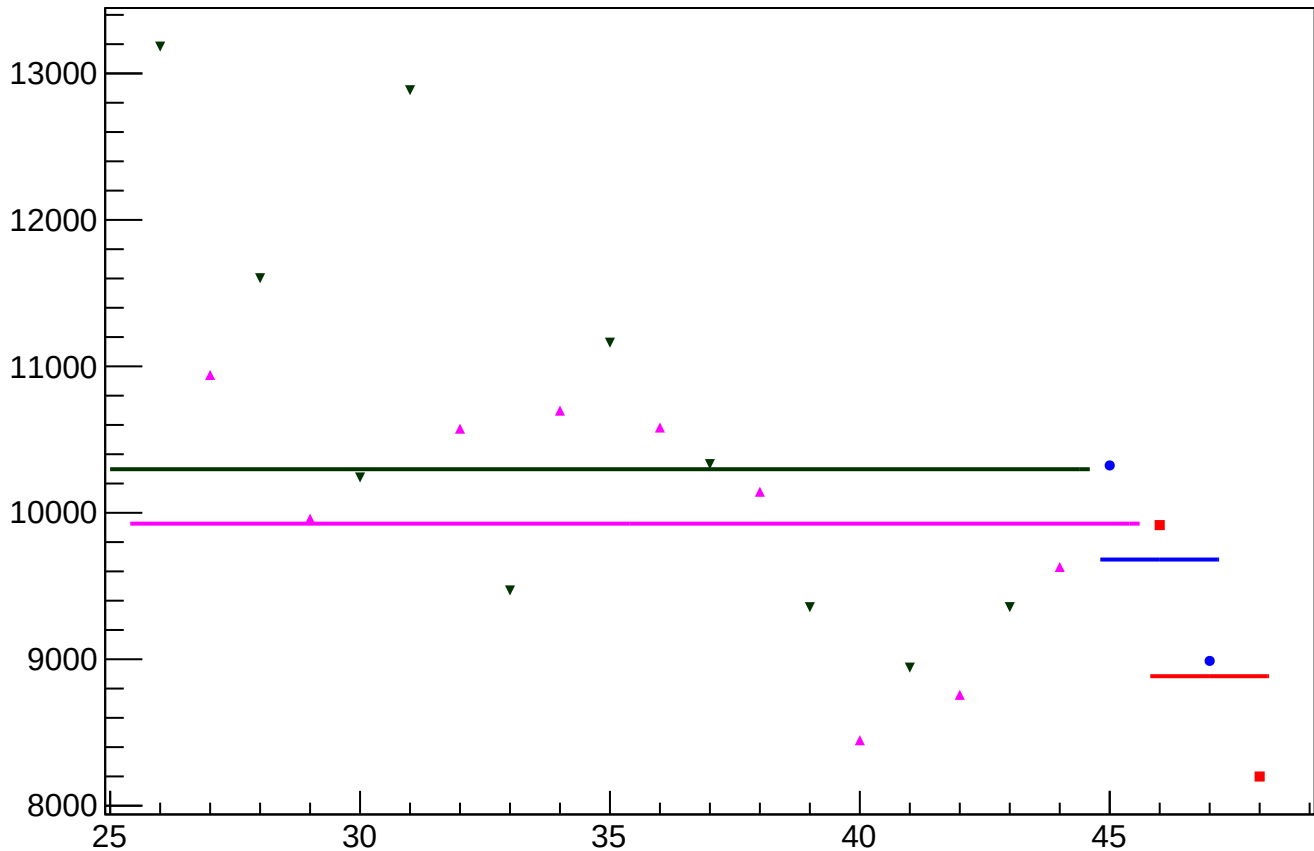
Right Out: 14.489+/-9.605 χ^2 /NDF: 0.9/1

Left In: 8.013+/-4.204 χ^2 /NDF:9.9/8

1.955+/-4.103 χ^2 /NDF: 9.4/11

9.054+/-3.851 χ^2 /NDF: 11.2/10

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

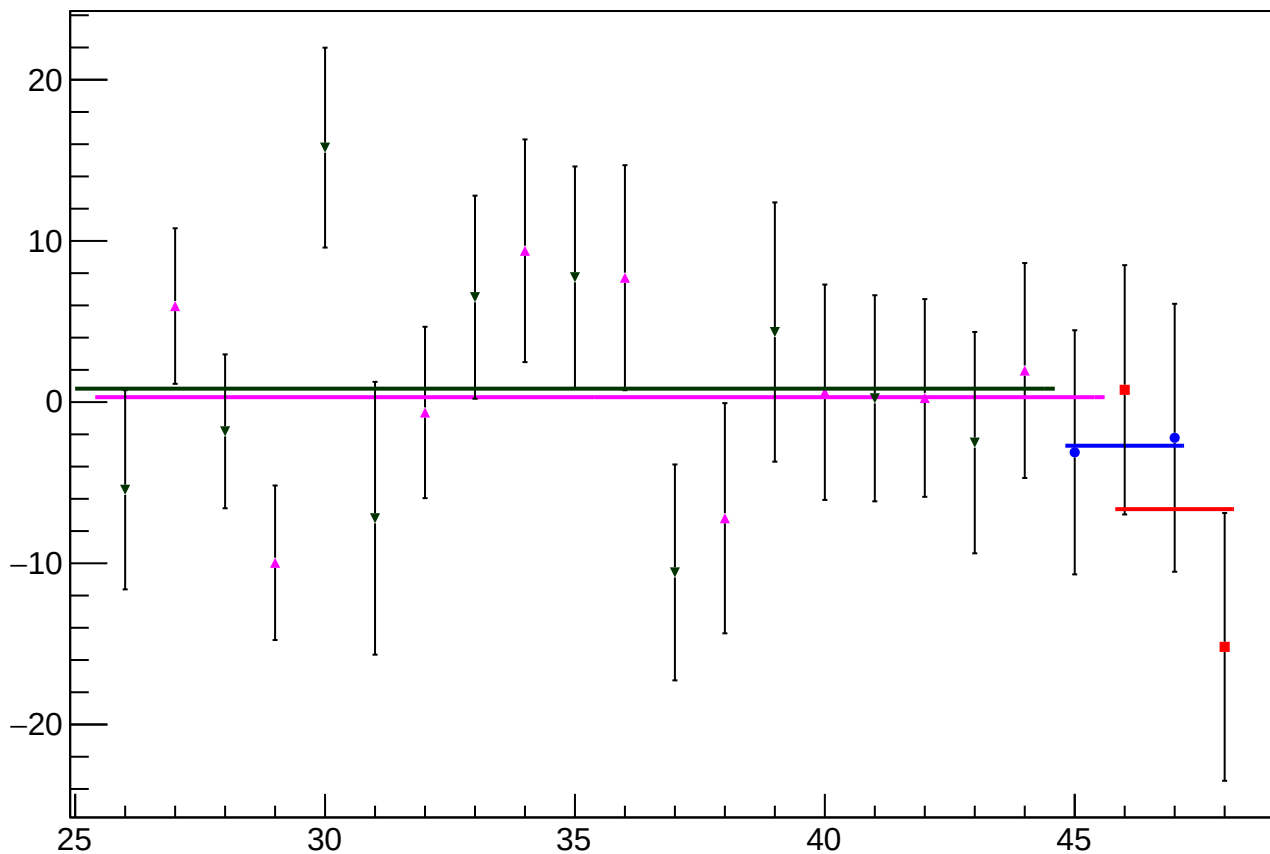
10181.982+/-2.901 χ^2/NDF : 171181.1/11

Right Out: 8884.261+/-6.792 χ^2/NDF : 15319.7/1

9758.581+/-2.723 χ^2/NDF : 115663.7/10

Left In: 9926.075+/-2.973 χ^2/NDF : 80597.8/8

diff_bpm4ecY_mean vs slug



Right In: -2.705 ± 5.598 χ^2/NDF : 0.0/1

Left Out: 0.835 ± 2.042 χ^2/NDF : 13.2/9

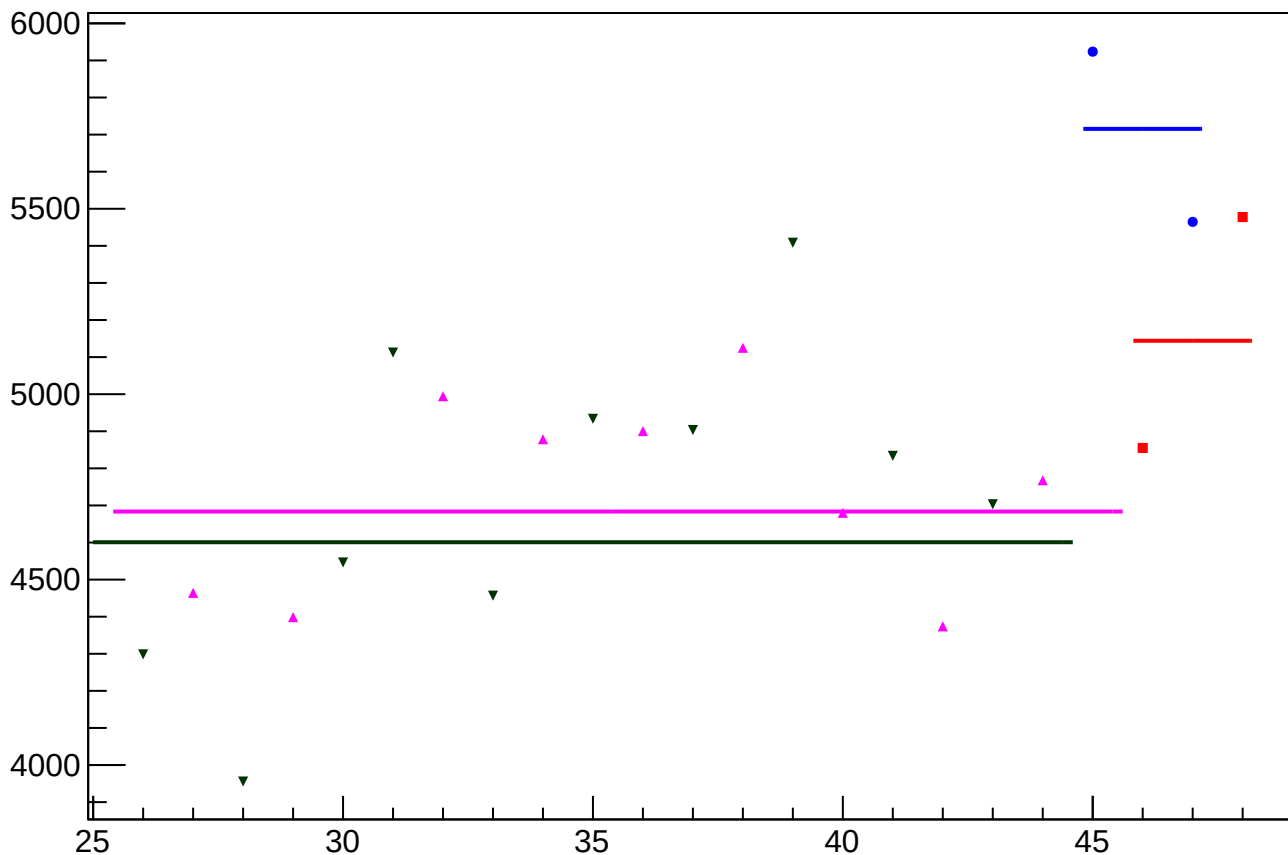
Right Out: -6.639 ± 5.661 χ^2/NDF : 2.0/1

Left In: 0.306 ± 1.982 χ^2/NDF : 10.0/8

0.419 ± 1.918 χ^2/NDF : 13.6/11

-0.452 ± 1.871 χ^2/NDF : 13.3/10

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

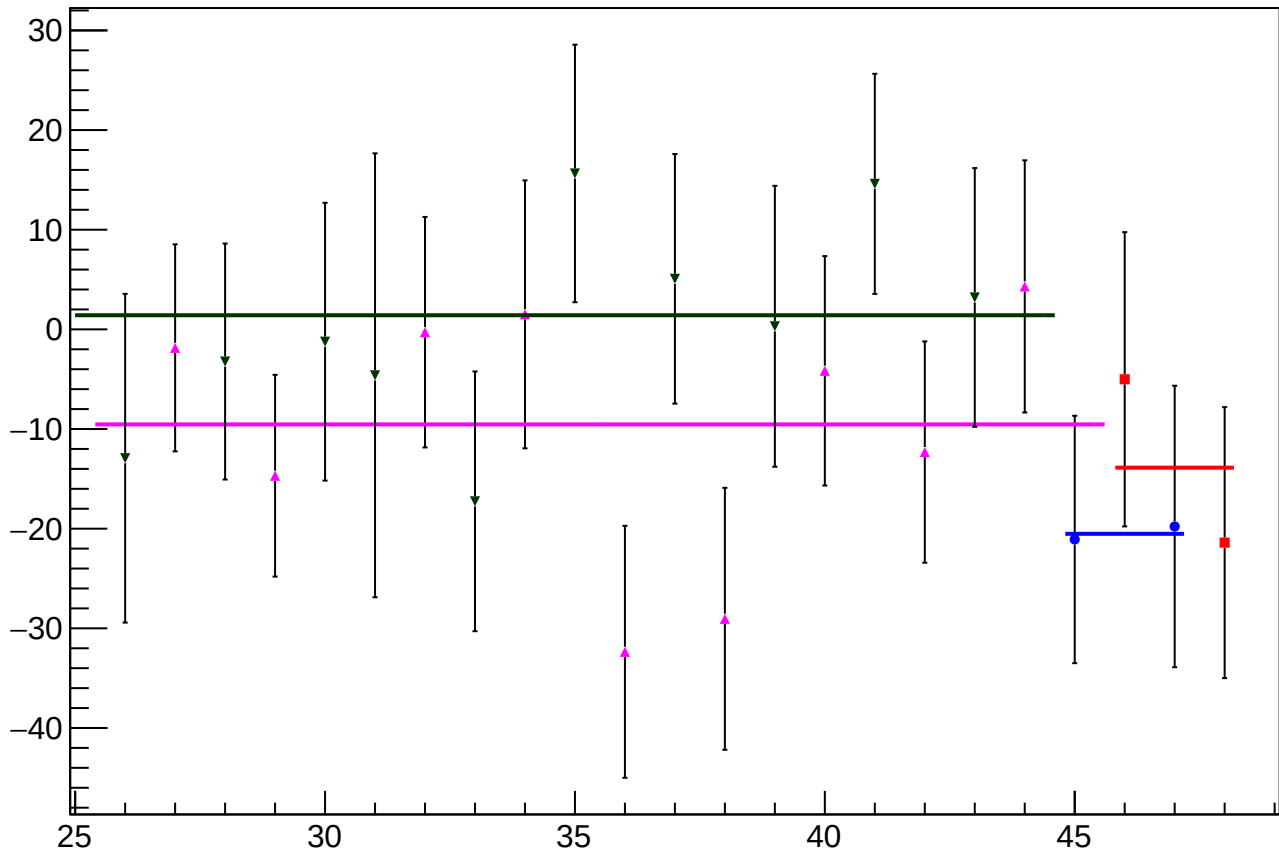
Right Out: 5144.094 $\pm$ 4.003 χ^2 /NDF: 6019.3/1

Left In: 4683.543 $\pm$ 1.402 χ^2 /NDF:34622.6/8

4731.724 $\pm$ 1.356 χ^2 /NDF: 155200.6/11

4733.855 $\pm$ 1.323 χ^2 /NDF: 52433.3/10

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

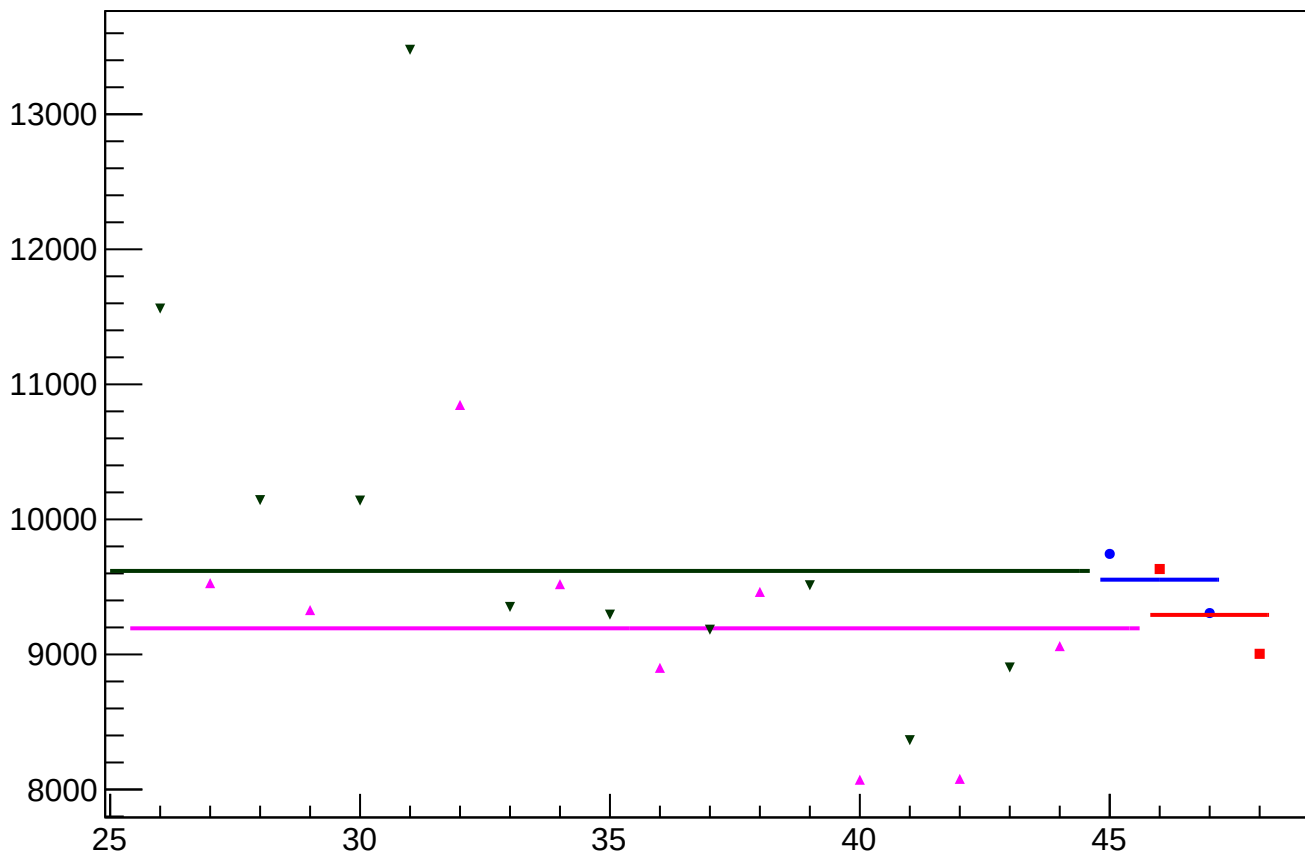
Right Out: -13.877 ± 10.002 χ^2/NDF : 0.7/1

Left In: -9.535 ± 3.893 χ^2/NDF : 9.1/8

-2.354 ± 3.866 χ^2/NDF : 10.4/11

-10.106 ± 3.628 χ^2/NDF : 9.9/10

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

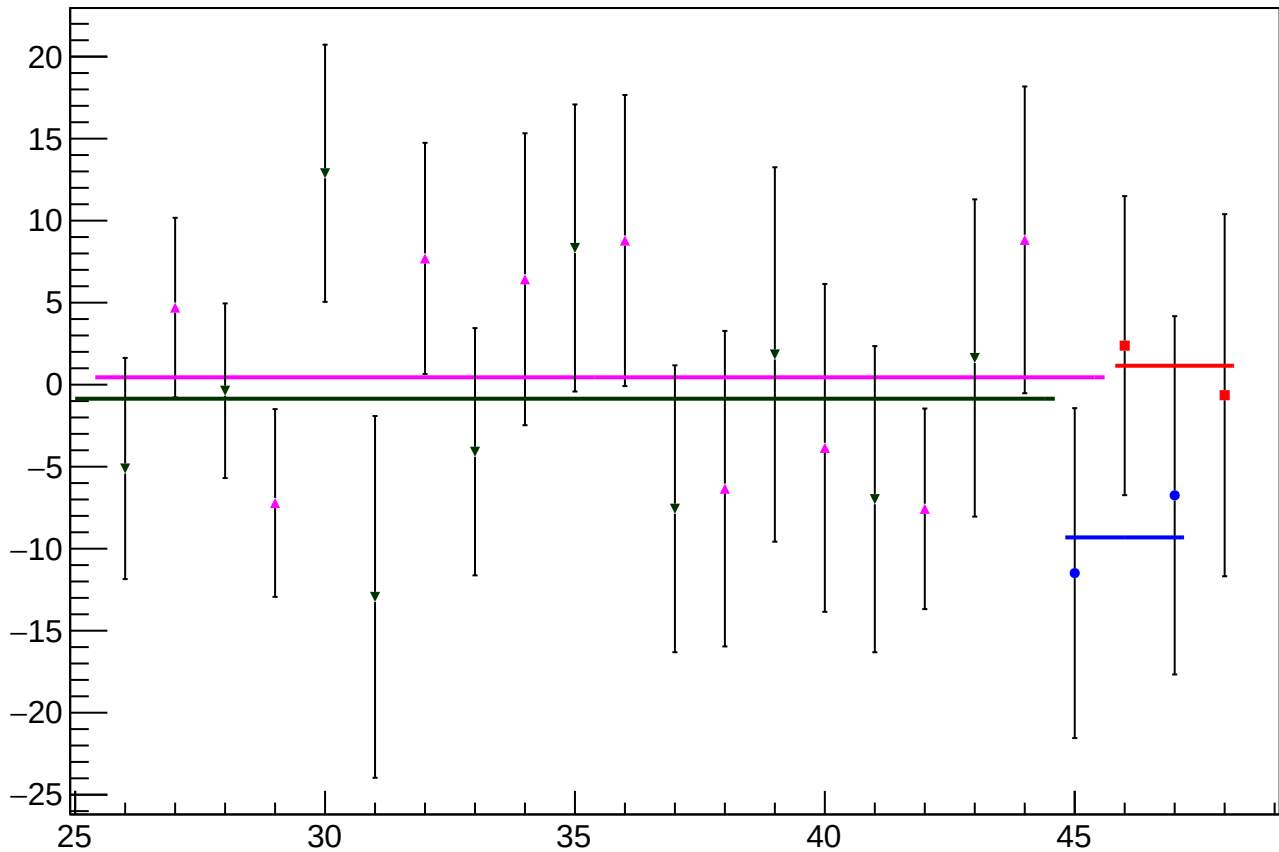
Right Out: 9292.798+/-7.072 χ^2/NDF : 1957.9/1

Left In: 9193.401+/-2.753 χ^2/NDF :85779.3/8

9607.278+/-2.734 χ^2/NDF : 132101.4/11

9206.478+/-2.565 χ^2/NDF : 87908.8/10

diff_bpm1Y_mean vs slug



Right In: -9.312 $\pm$ 7.398 χ^2/NDF : 0.1/1

Left Out: -0.856 $\pm$ 2.537 χ^2/NDF : 7.1/9

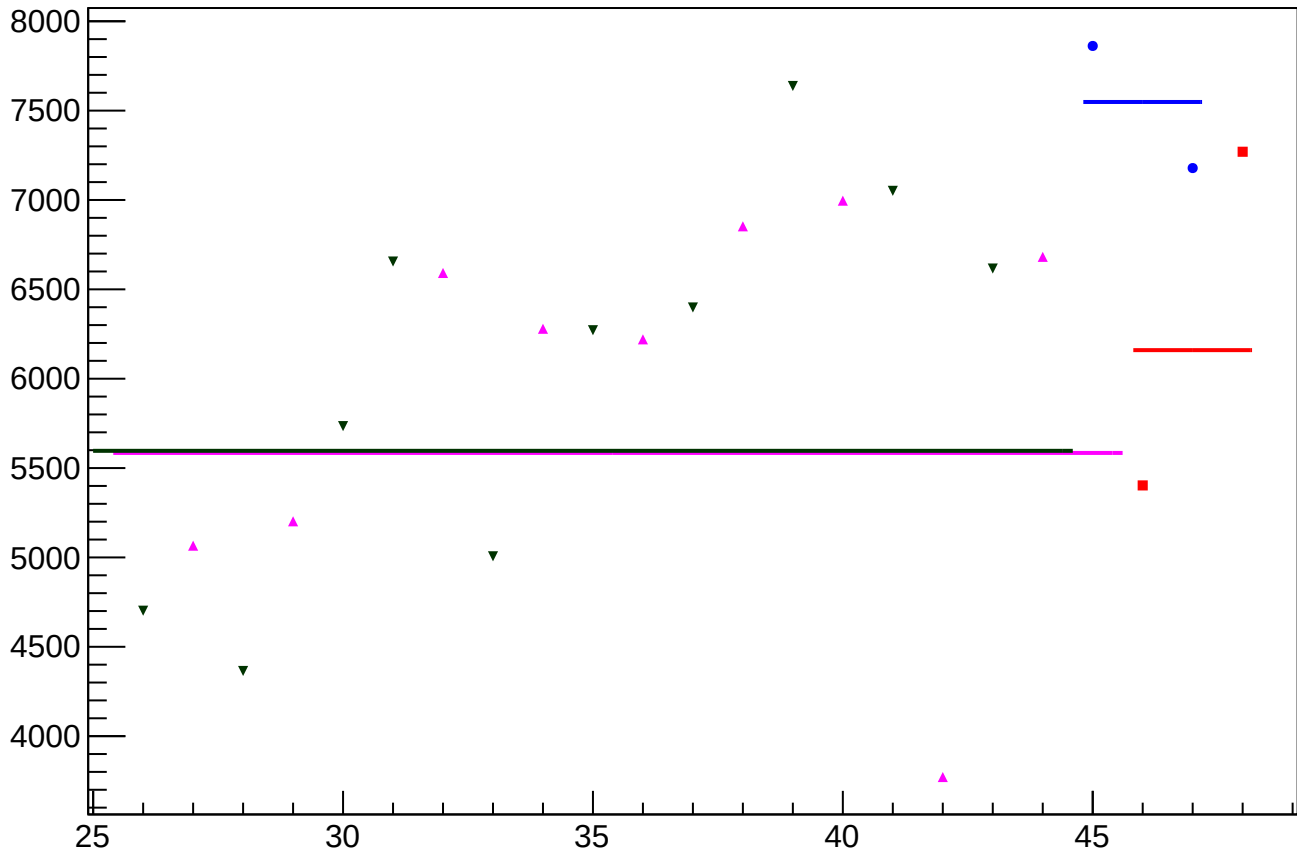
Right Out: 1.155 $\pm$ 7.029 χ^2/NDF : 0.0/1

Left In: 0.448 $\pm$ 2.437 χ^2/NDF : 8.0/8

-1.745 $\pm$ 2.400 χ^2/NDF : 8.4/11

0.524 $\pm$ 2.303 χ^2/NDF : 8.0/10

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

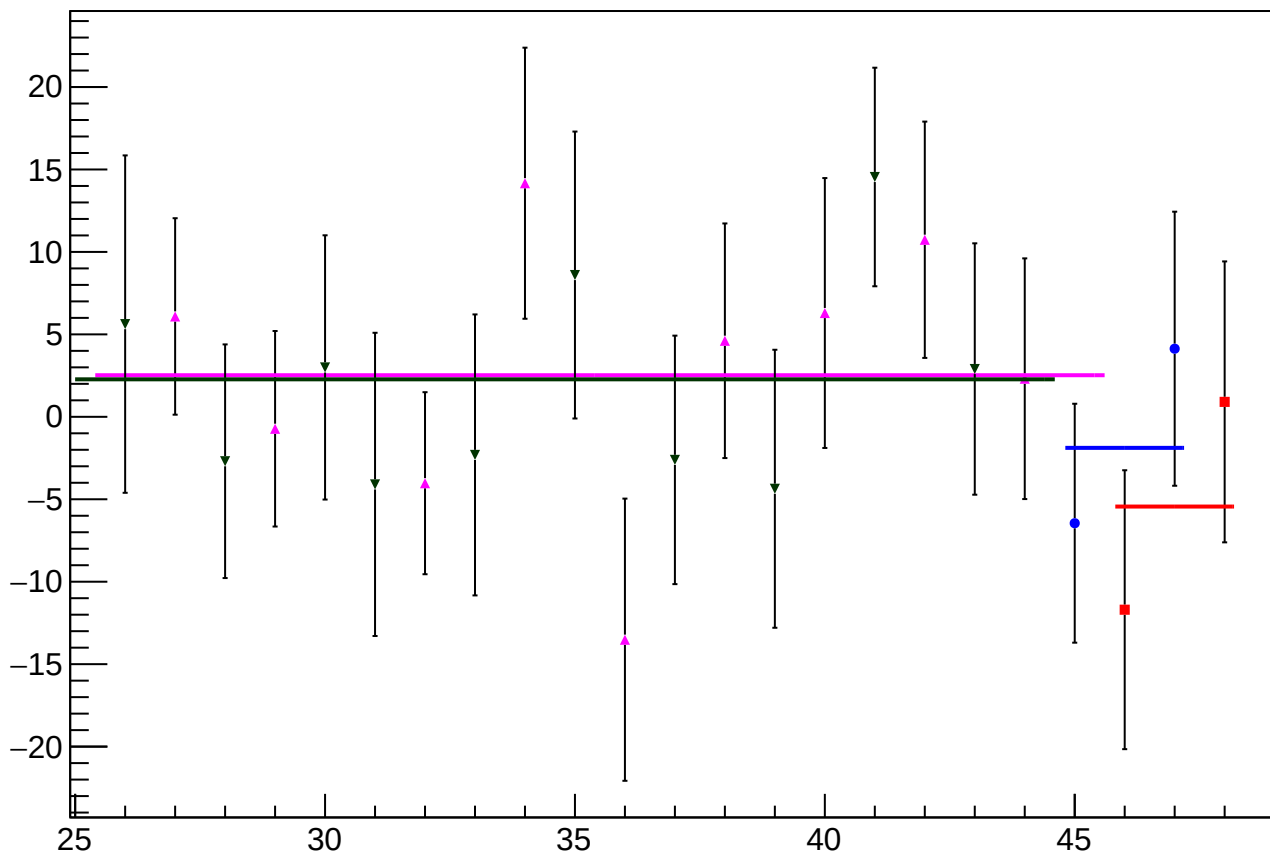
5801.860+/-1.697 χ^2/NDF : 465926.5/11

Right Out: 6159.848+/-4.970 χ^2/NDF : 34008.7/1

5646.418+/-1.628 χ^2/NDF : 414254.2/10

Left In: 5584.691+/-1.723 χ^2/NDF : 368292.2/8

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

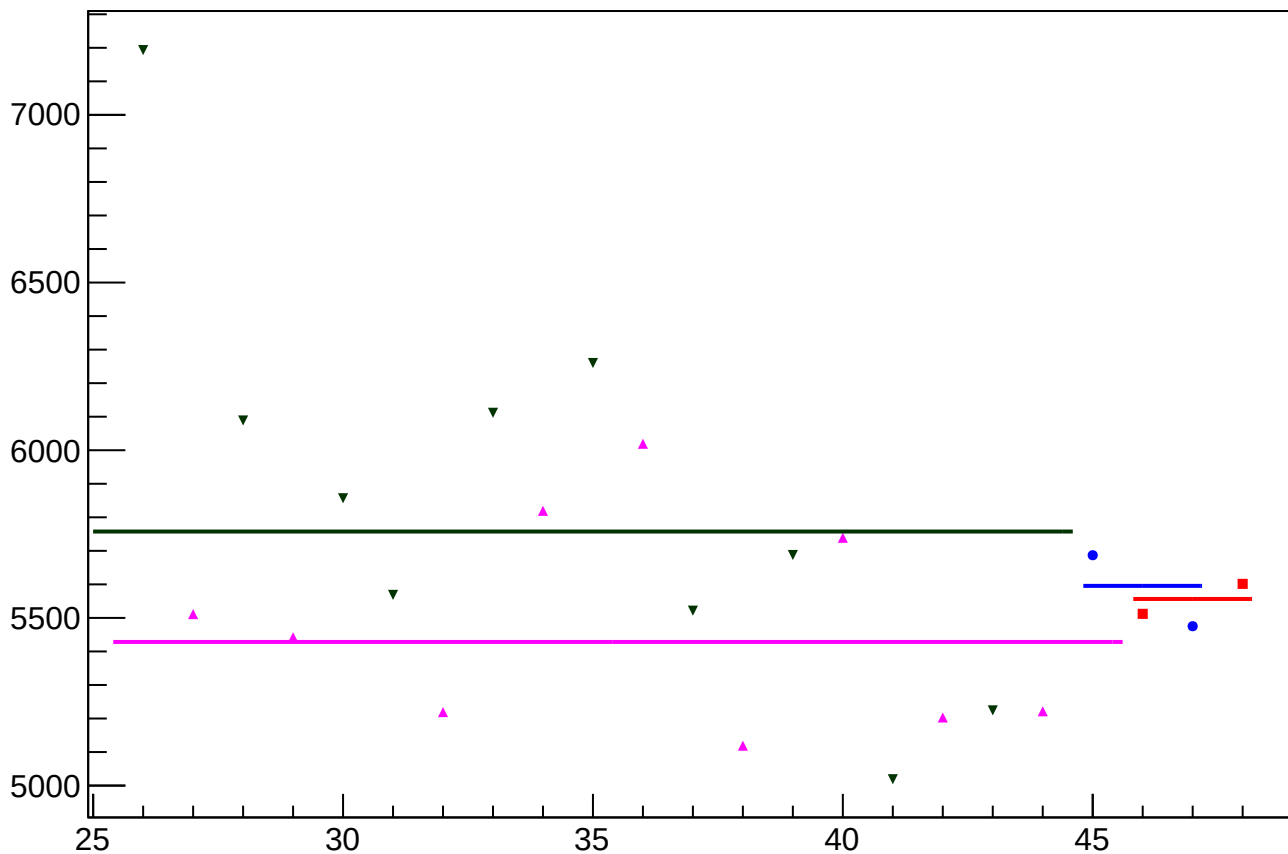
Right Out: -5.442+/-6.002 χ^2/NDF : 1.1/1

Left In: 2.523+/-2.289 χ^2/NDF : 9.2/8

1.537+/-2.300 χ^2/NDF : 7.8/11

1.511+/-2.139 χ^2/NDF : 11.8/10

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

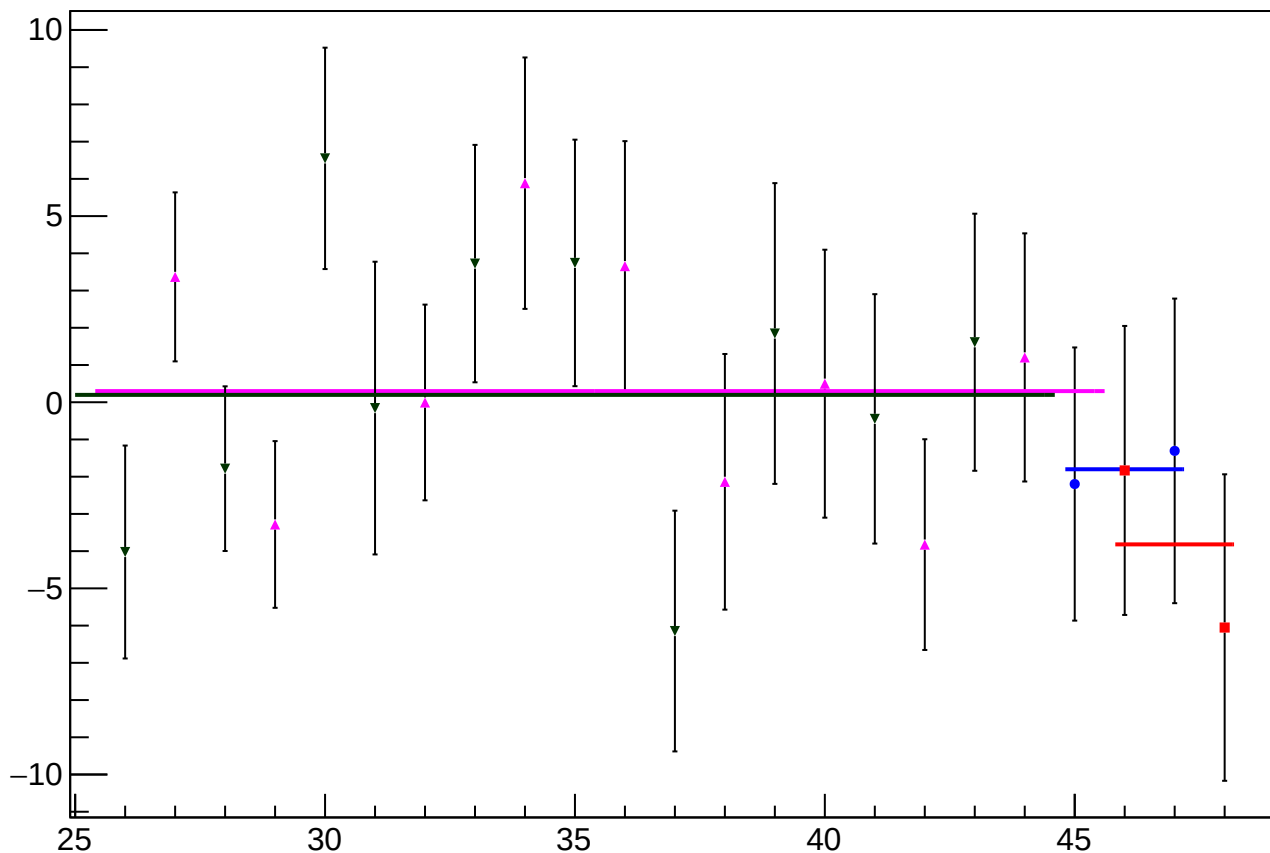
Right Out: 5556.493+/-4.244 χ^2/NDF : 110.8/1

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5728.849+/-1.626 χ^2/NDF : 93943.6/11

5444.602+/-1.512 χ^2/NDF : 28492.4/10

diff_bpm11Y_mean vs slug

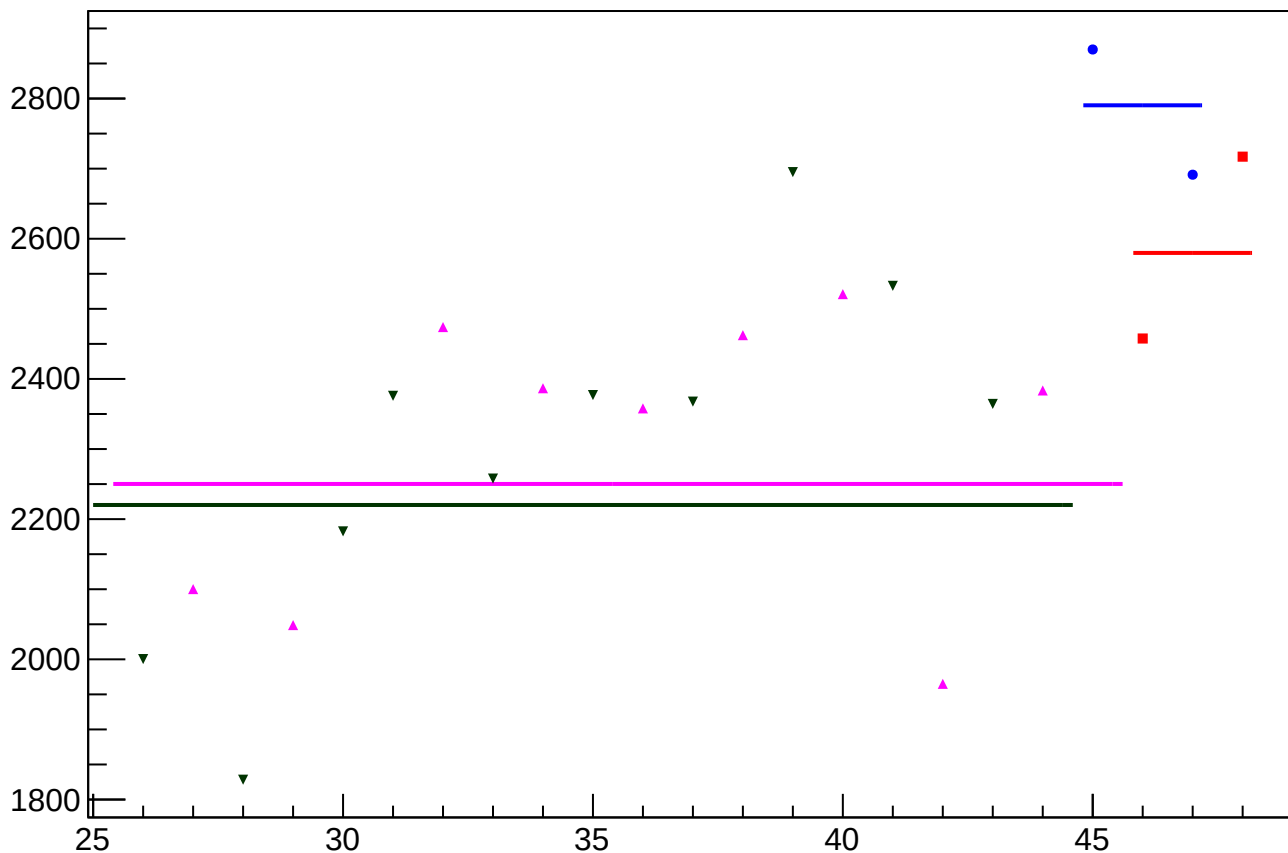


Right In: -1.800+/-2.731 χ^2/NDF : 0.0/1
 Left Out: 0.198+/-0.988 χ^2/NDF :14.1/9
 Right Out: -3.818+/-2.824 χ^2/NDF : 0.6/1
 Left In: 0.299+/-0.957 χ^2/NDF :10.8/8

-0.034+/-0.929 χ^2/NDF : 14.6/11

-0.125+/-0.907 χ^2/NDF : 13.3/10

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

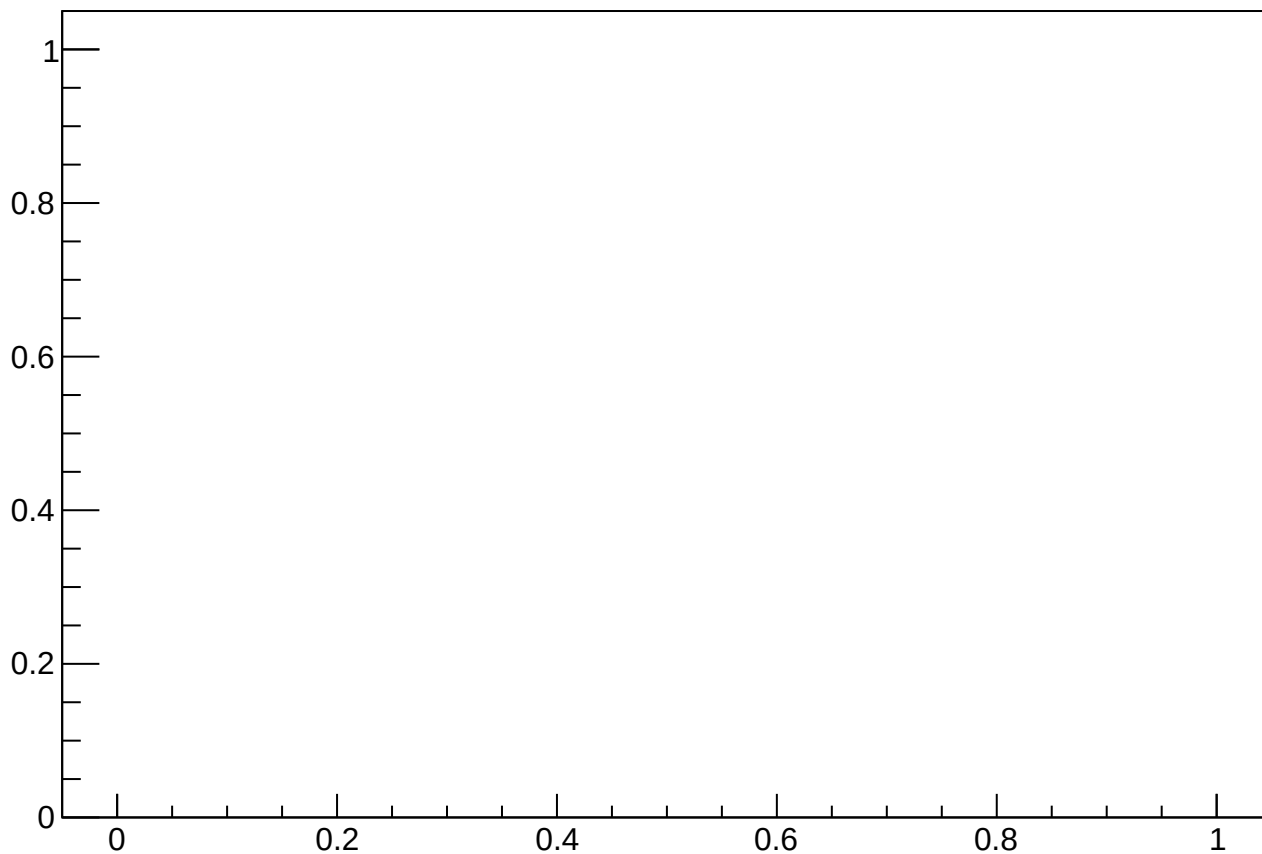
Right Out: 2579.765+/-1.997 χ^2/NDF : 4204.1/1

Left In: 2250.180+/-0.677 χ^2/NDF :87193.5/8

2286.190+/-0.657 χ^2/NDF : 214707.1/11

2284.138+/-0.641 χ^2/NDF : 115830.2/10

diff_bpm14X_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

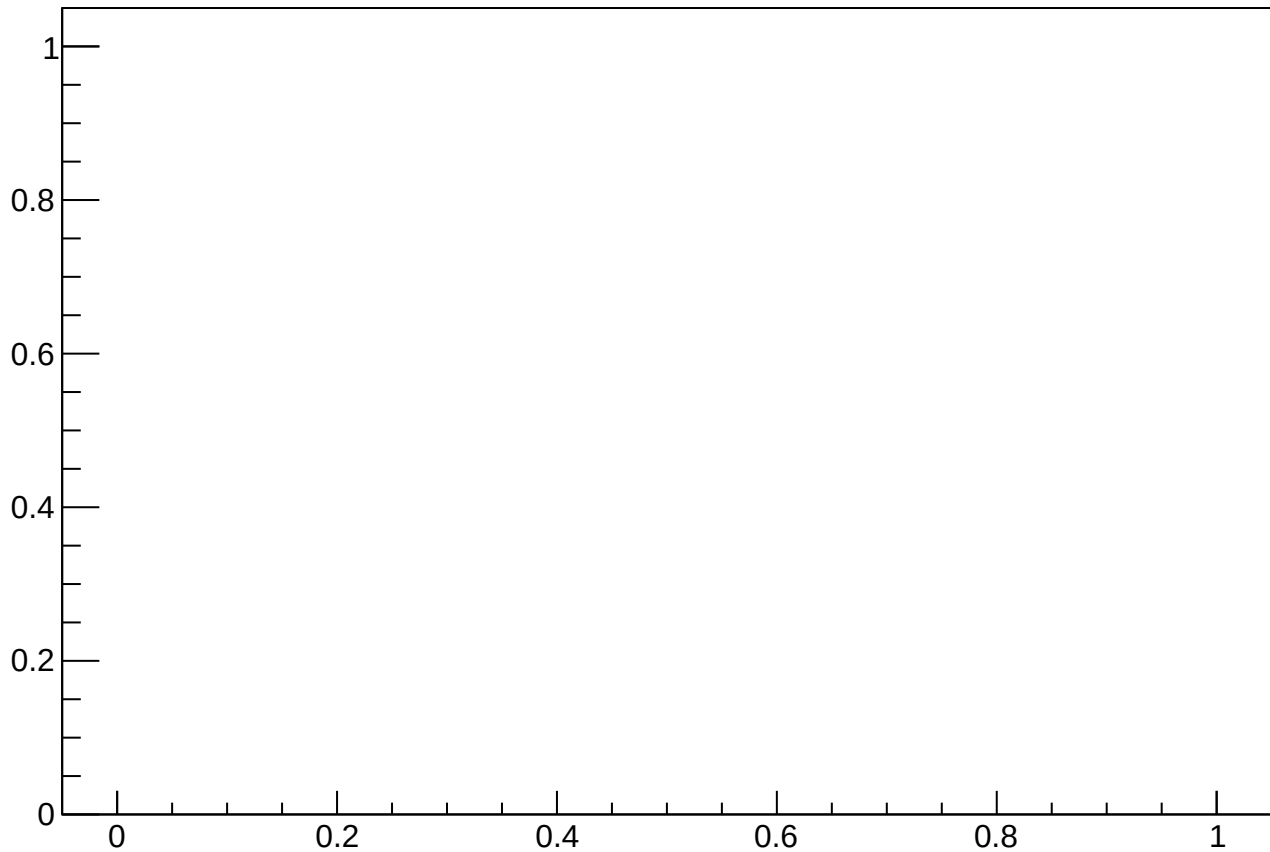
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

diff_bpm14X_rms vs slug



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

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

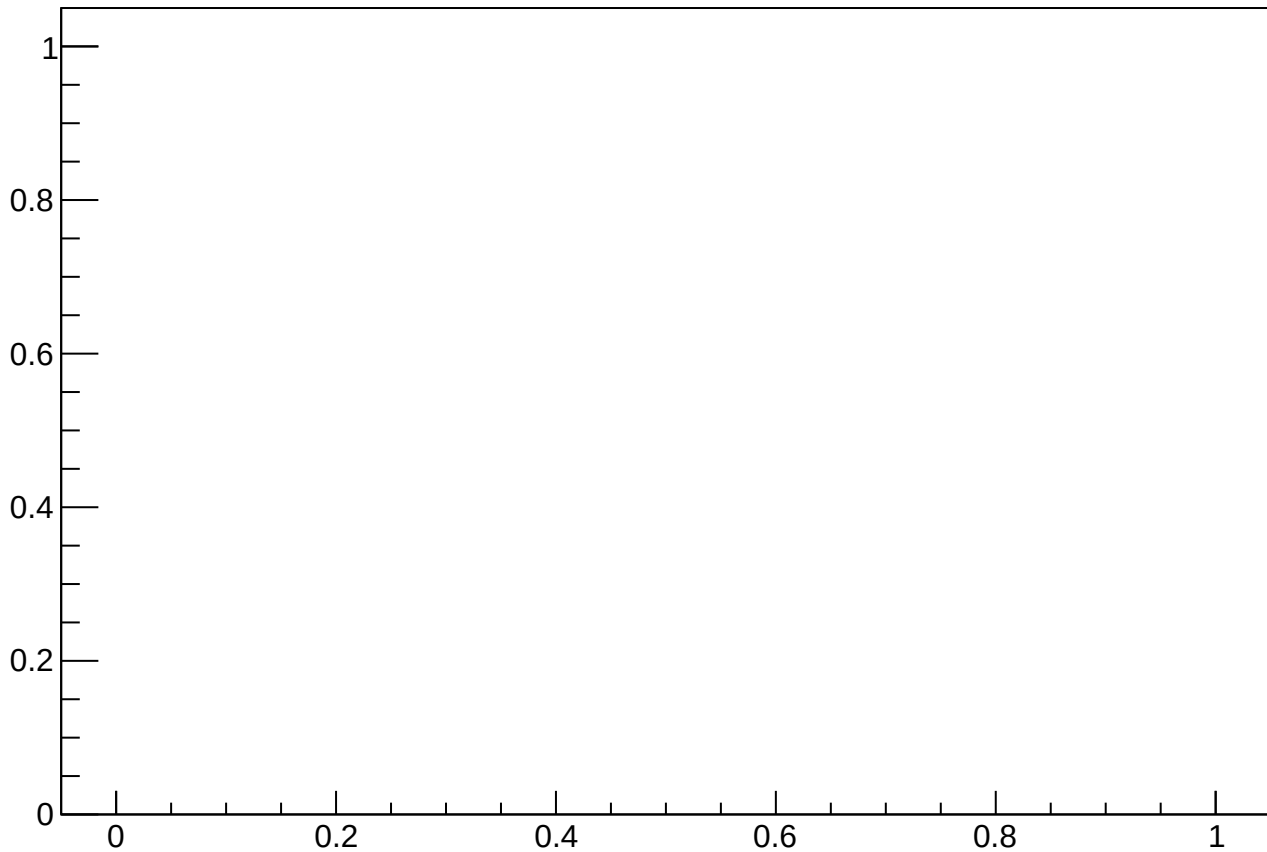
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_rms vs slug



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

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

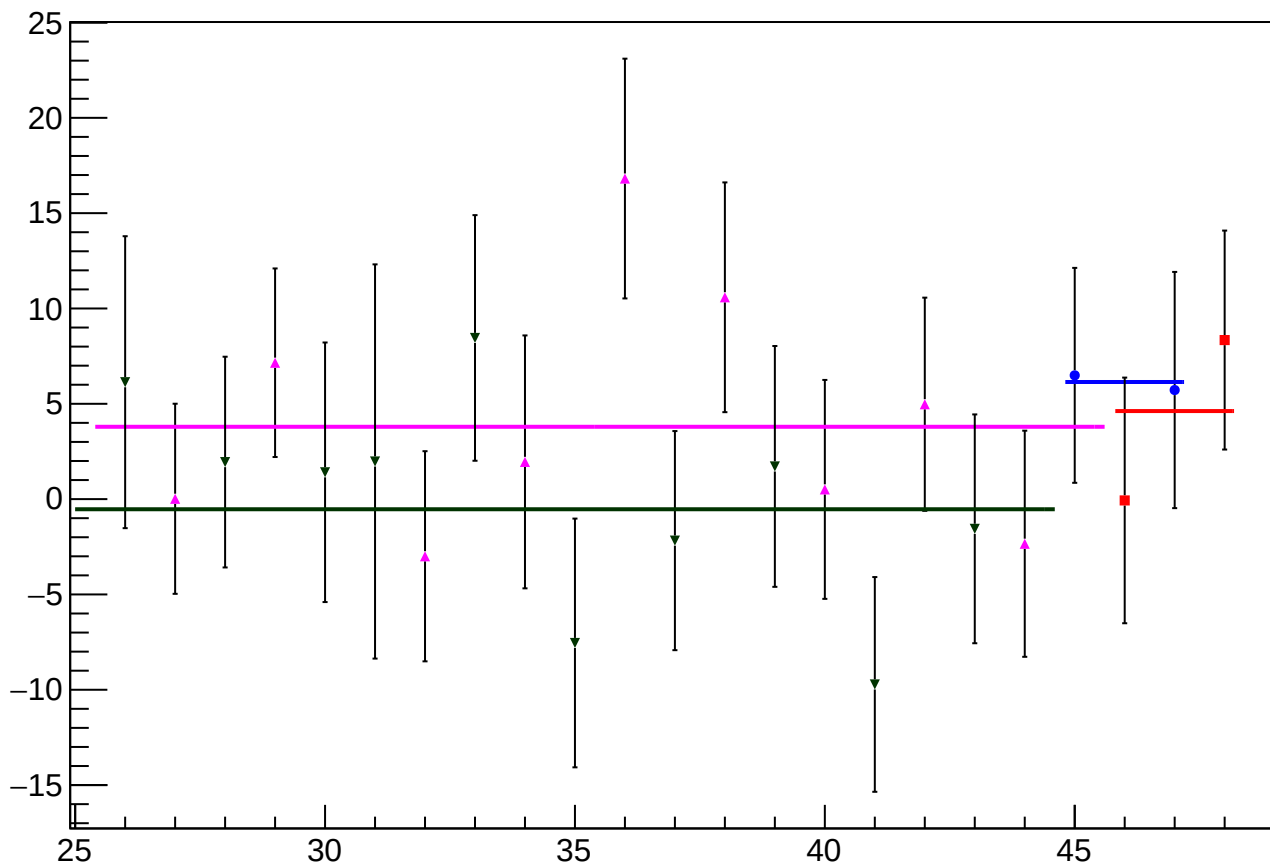
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 6.144+/-4.169 χ^2/NDF : 0.0/1

Left Out: -0.532+/-2.029 χ^2/NDF : 7.1/9

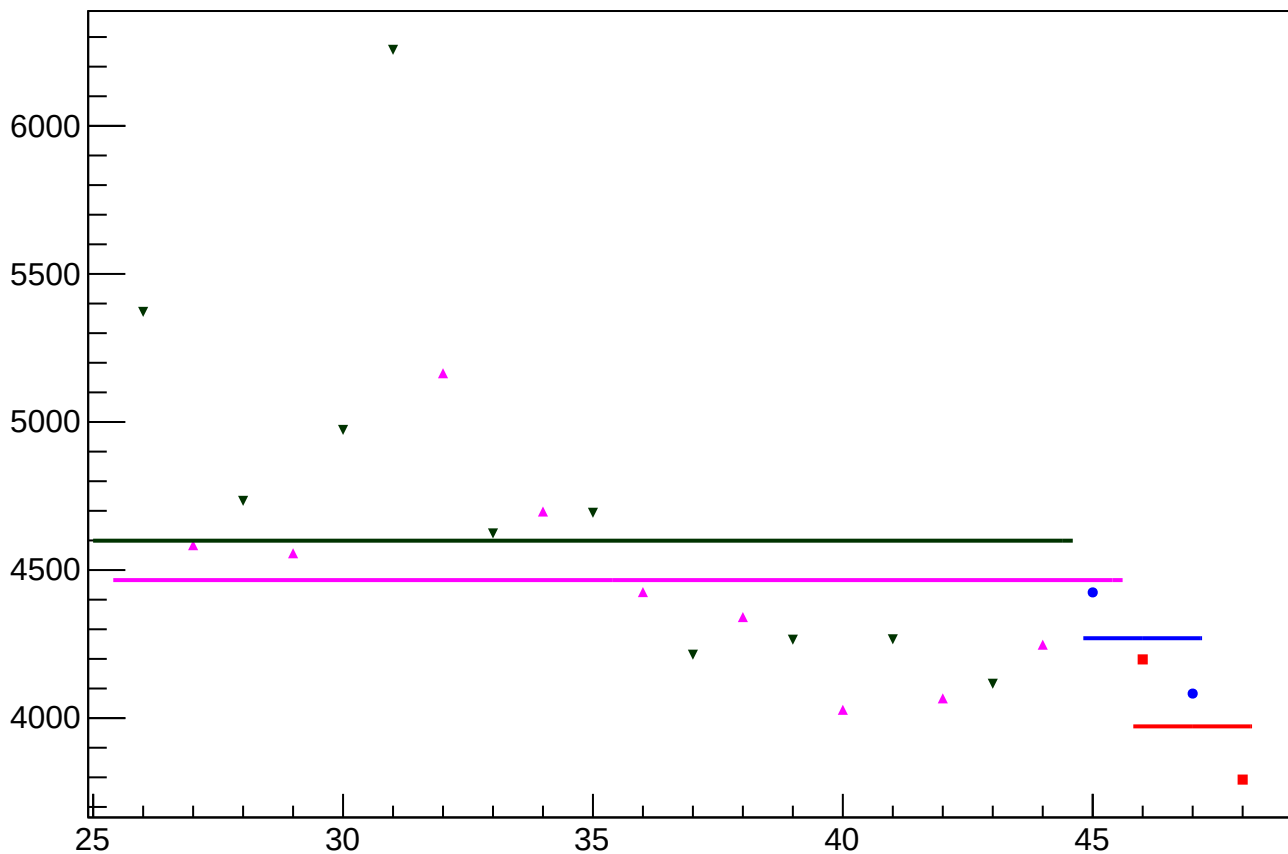
Right Out: 4.619+/-4.287 χ^2/NDF : 0.9/1

Left In: 3.795+/-1.889 χ^2/NDF : 9.6/8

0.746+/-1.824 χ^2/NDF : 9.2/11

3.929+/-1.728 χ^2/NDF : 10.6/10

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

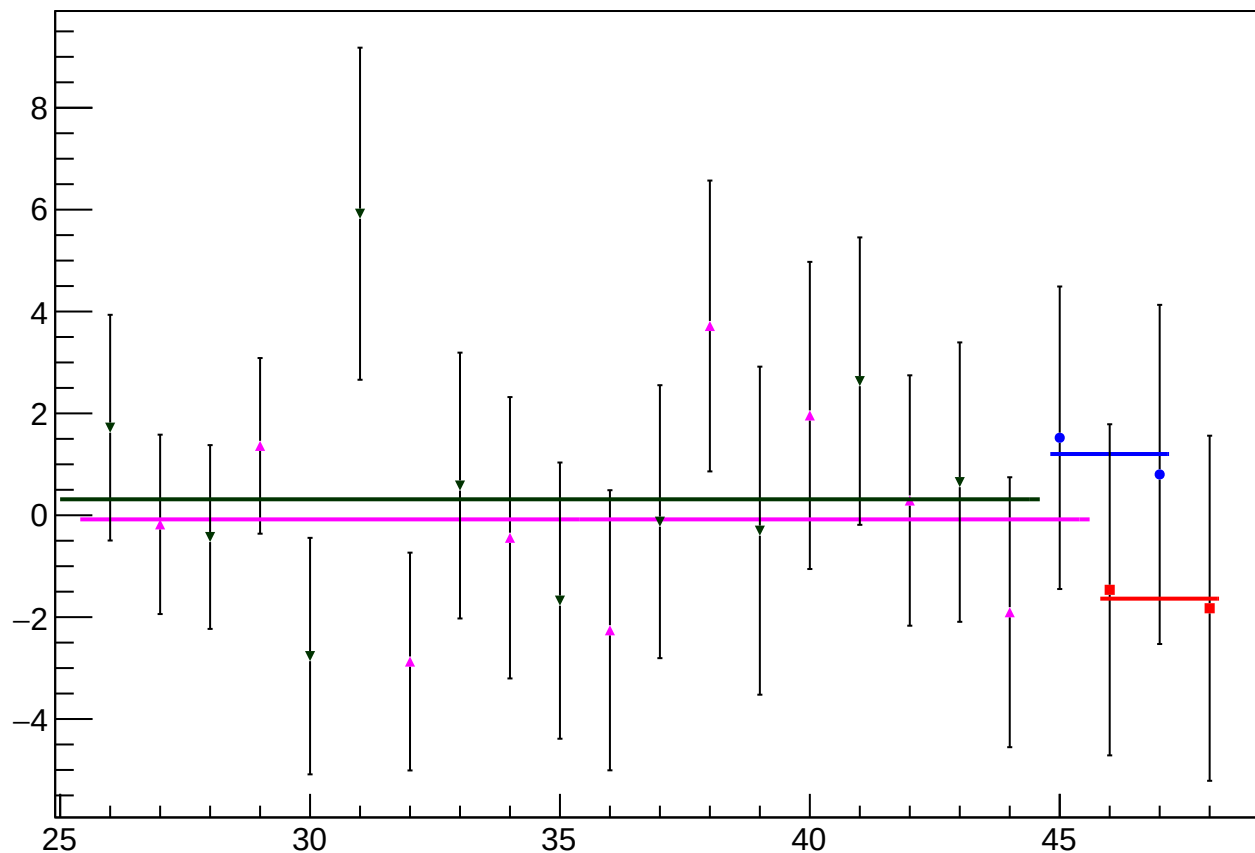
Right Out: 3972.080+/-3.031 χ^2/NDF : 4423.1/1

Left In: 4466.079+/-1.336 χ^2/NDF :61840.0/8

4536.141+/-1.290 χ^2/NDF : 127396.1/11

4385.775+/-1.222 χ^2/NDF : 88504.0/10

diff_bpm16Y_mean vs slug



Right In: 1.203 ± 2.216 χ^2/NDF : 0.0/1

Left Out: 0.314 ± 0.799 χ^2/NDF : 6.6/9

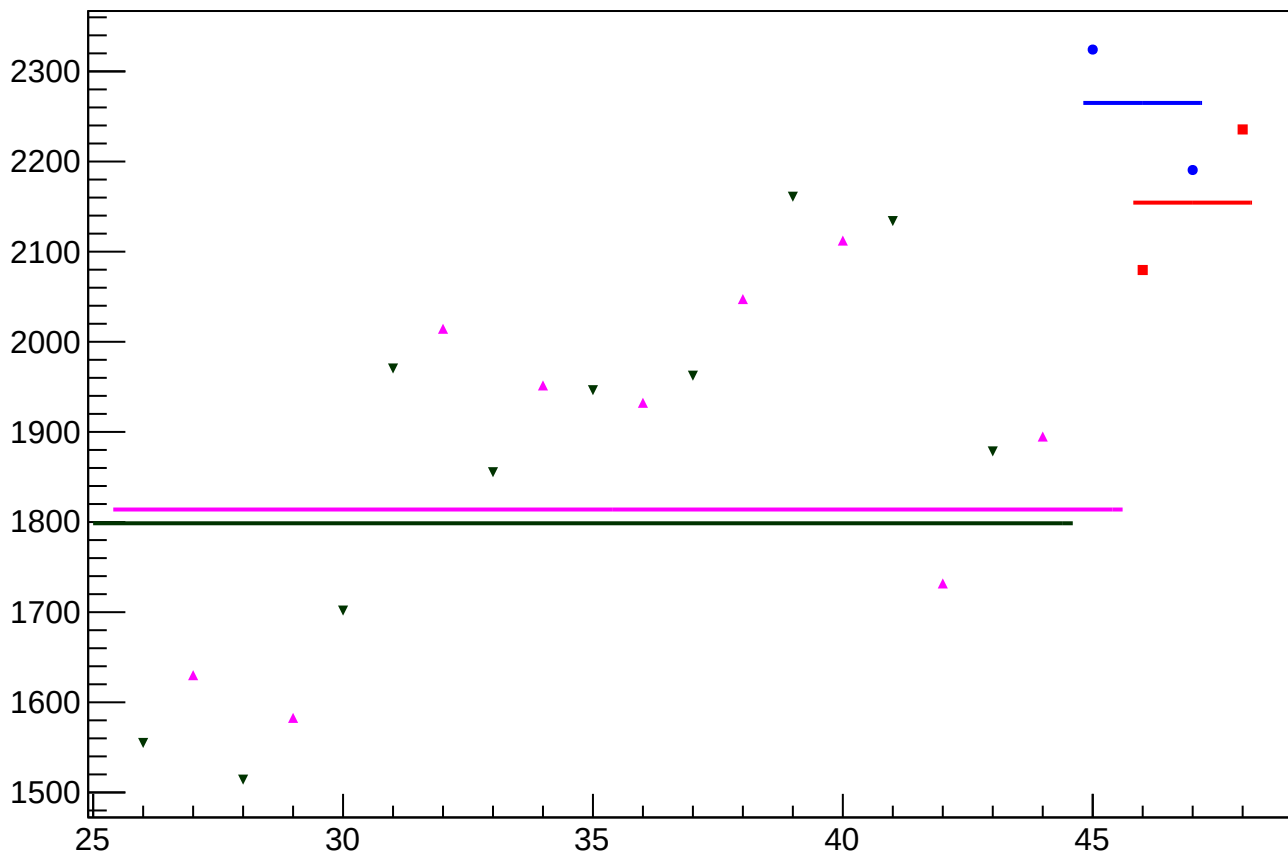
Right Out: -1.637 ± 2.345 χ^2/NDF : 0.0/1

Left In: -0.081 ± 0.771 χ^2/NDF : 5.8/8

0.416 ± 0.751 χ^2/NDF : 6.8/11

-0.233 ± 0.733 χ^2/NDF : 6.2/10

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

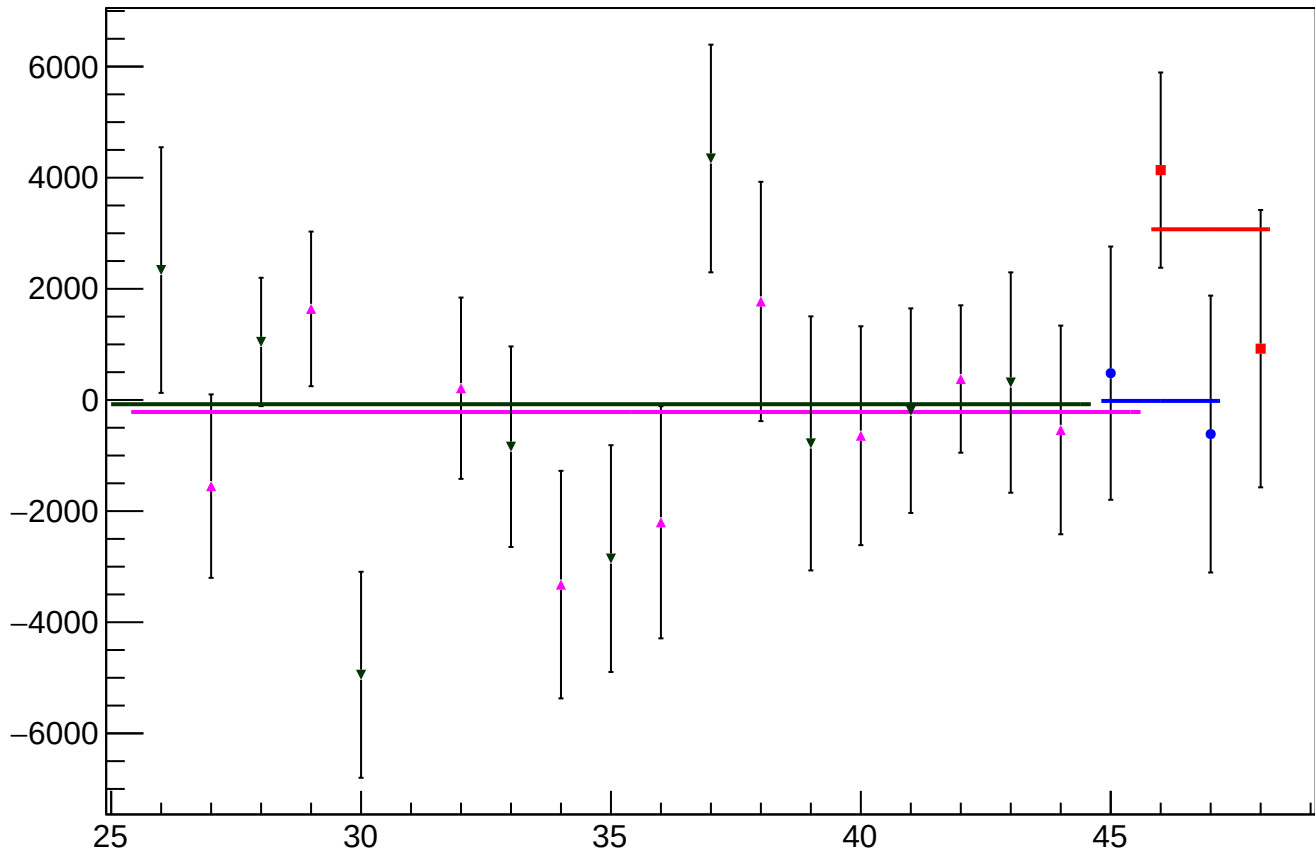
Right Out: 2154.397+/-1.658 χ^2/NDF : 2207.0/1

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

1852.249+/-0.531 χ^2/NDF : 232714.9/11

1847.127+/-0.518 χ^2/NDF : 161320.9/10

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

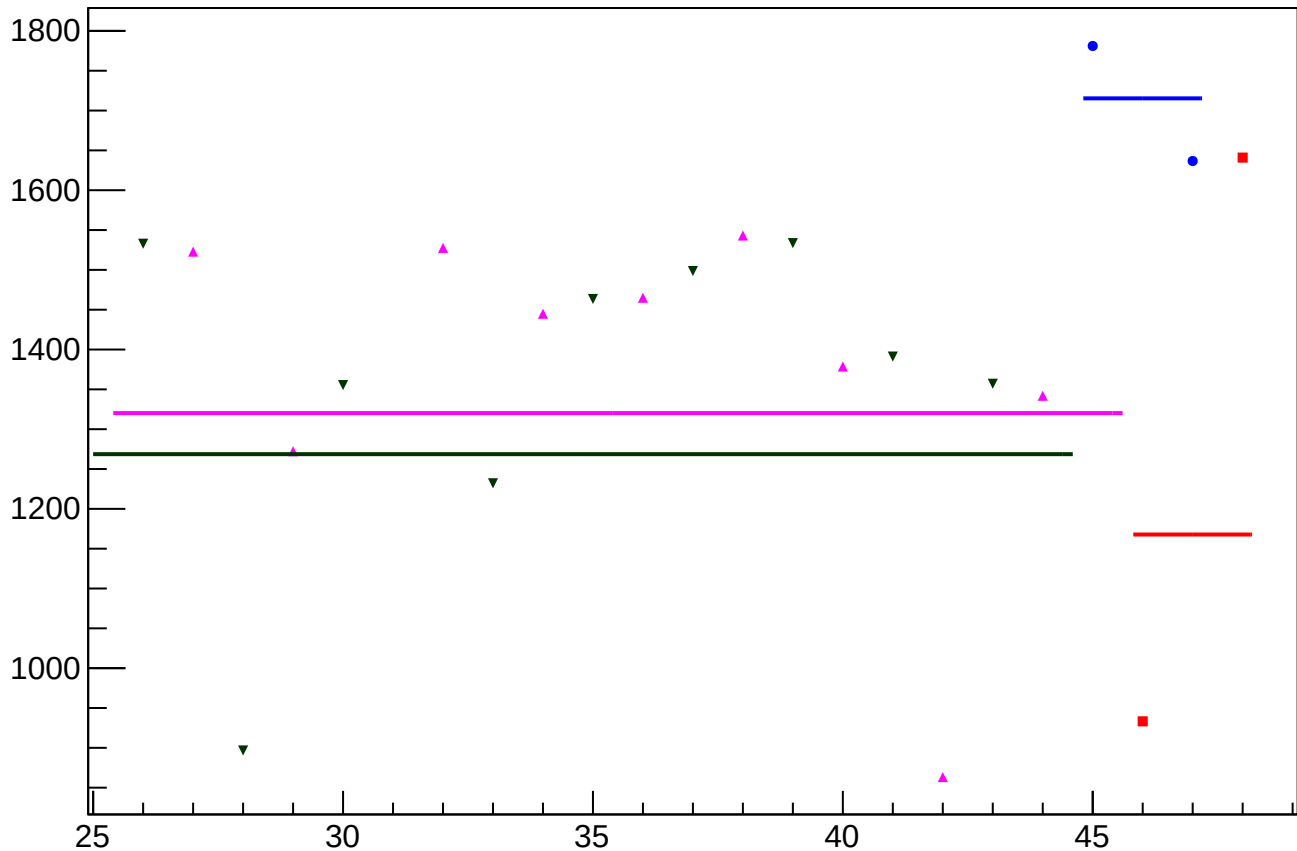
Right Out: 3071.552+/-1436.789 χ^2/NDF : 1.1/1

Left In: -216.843+/-572.349 χ^2/NDF :6.8/8

-69.755+/-565.614 χ^2/NDF : 16.0/10

233.511+/-531.714 χ^2/NDF : 12.5/10

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

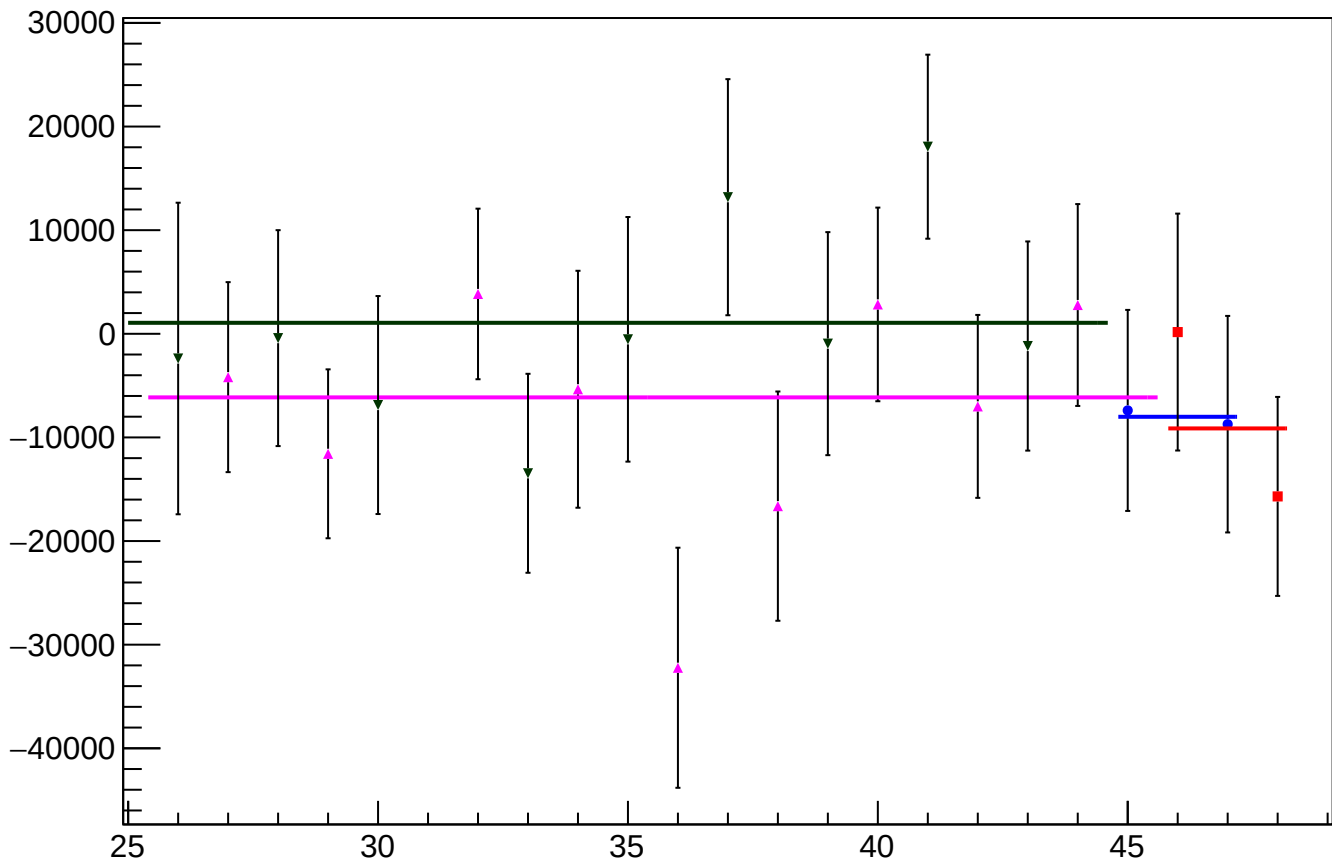
Right Out: 1167.786 ± 1.016 χ^2/NDF : 107503.2/1

Left In: 1320.223 ± 0.405 χ^2/NDF : 342759.8/8

1319.196 ± 0.400 χ^2/NDF : 453207.6/10

1299.346 ± 0.376 χ^2/NDF : 469692.4/10

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

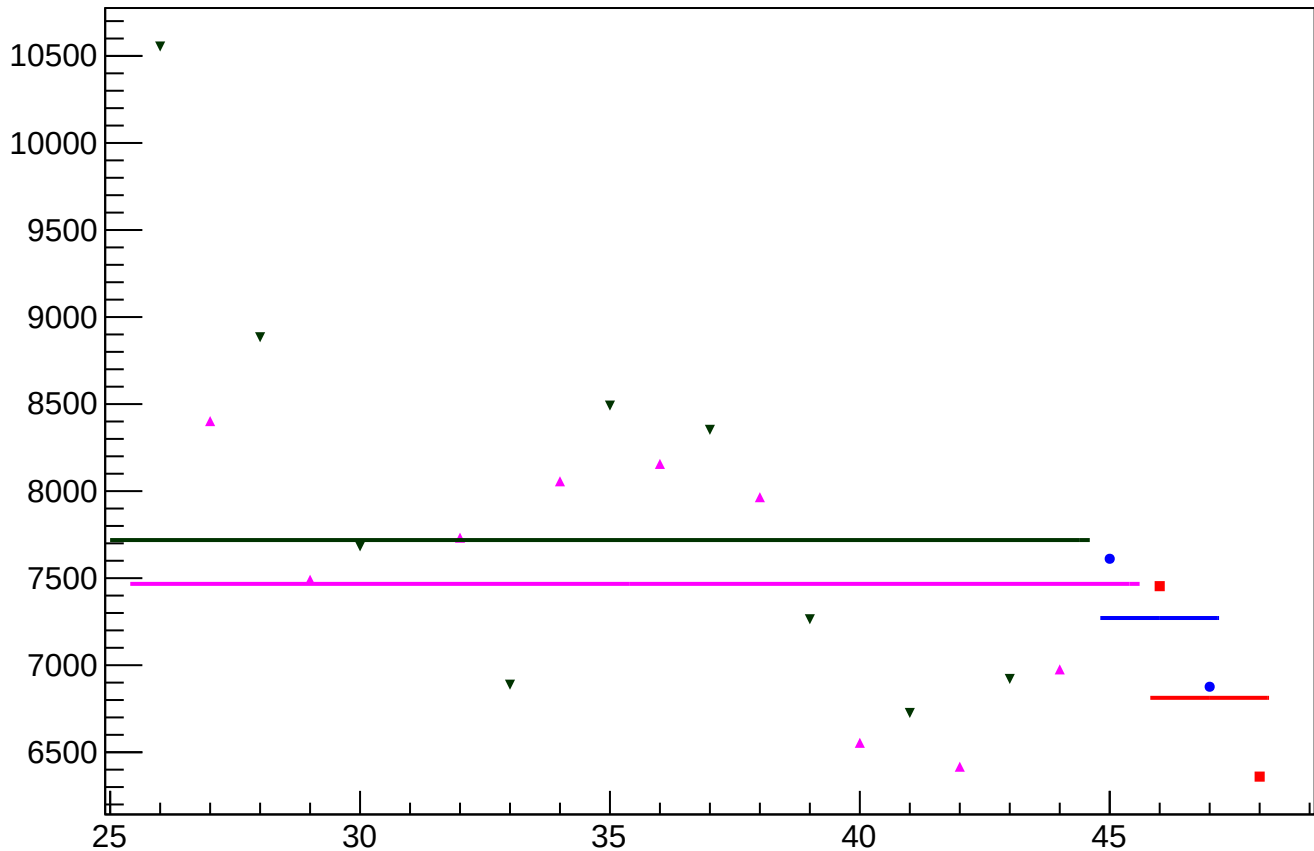
Right Out: -9131.660+/-7352.315 χ^2/NDF : 1.1/1

Left In: -6136.125+/-3165.179 χ^2/NDF : 9.7/8

-746.396+/-3172.868 χ^2/NDF : 9.1/10

-6604.489+/-2907.223 χ^2/NDF : 11.0/10

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

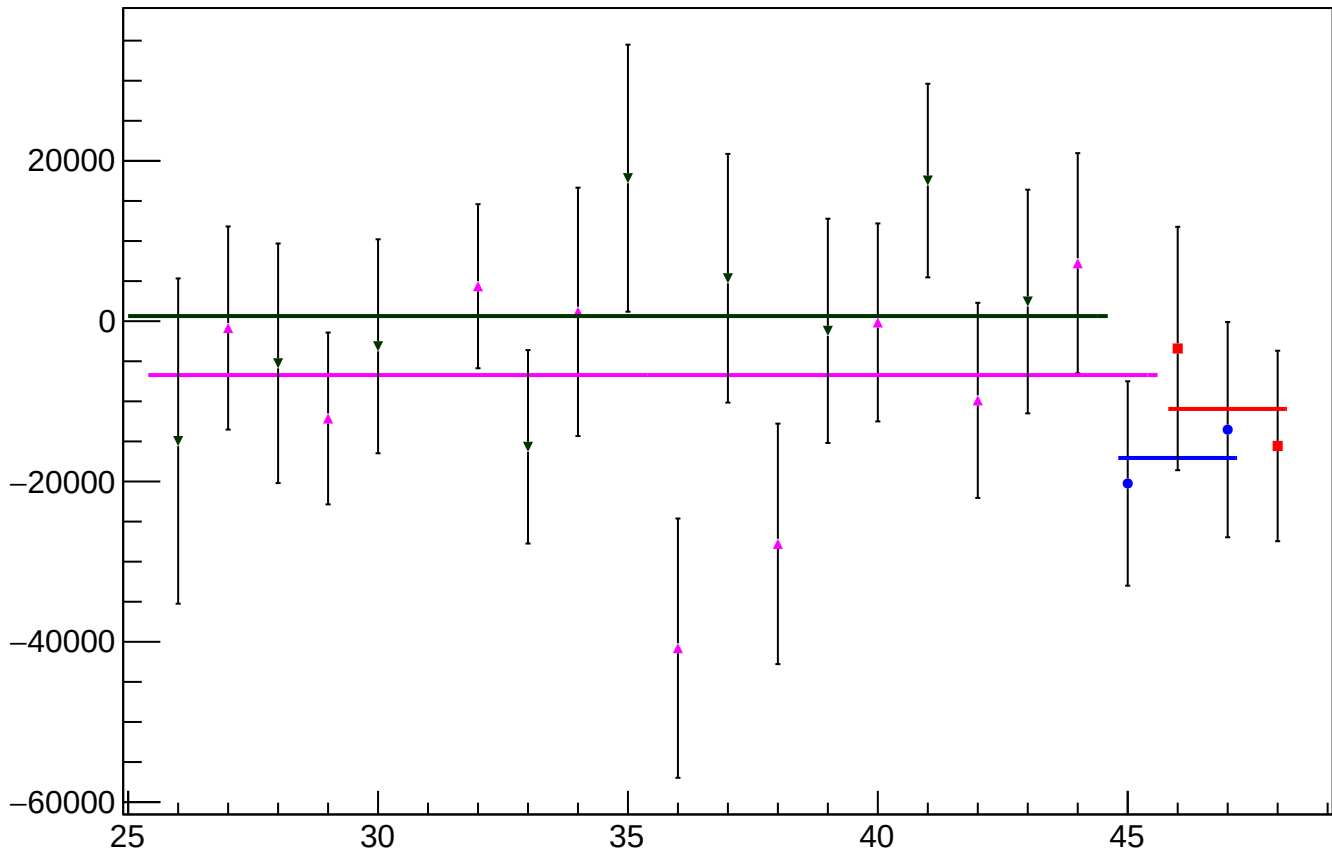
7629.699+/-2.244 χ^2/NDF : 178658.9/10

Right Out: 6812.602+/-5.199 χ^2/NDF : 10742.0/1

7364.842+/-2.056 χ^2/NDF : 115965.1/10

Left In: 7467.189+/-2.238 χ^2/NDF : 91848.7/8

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

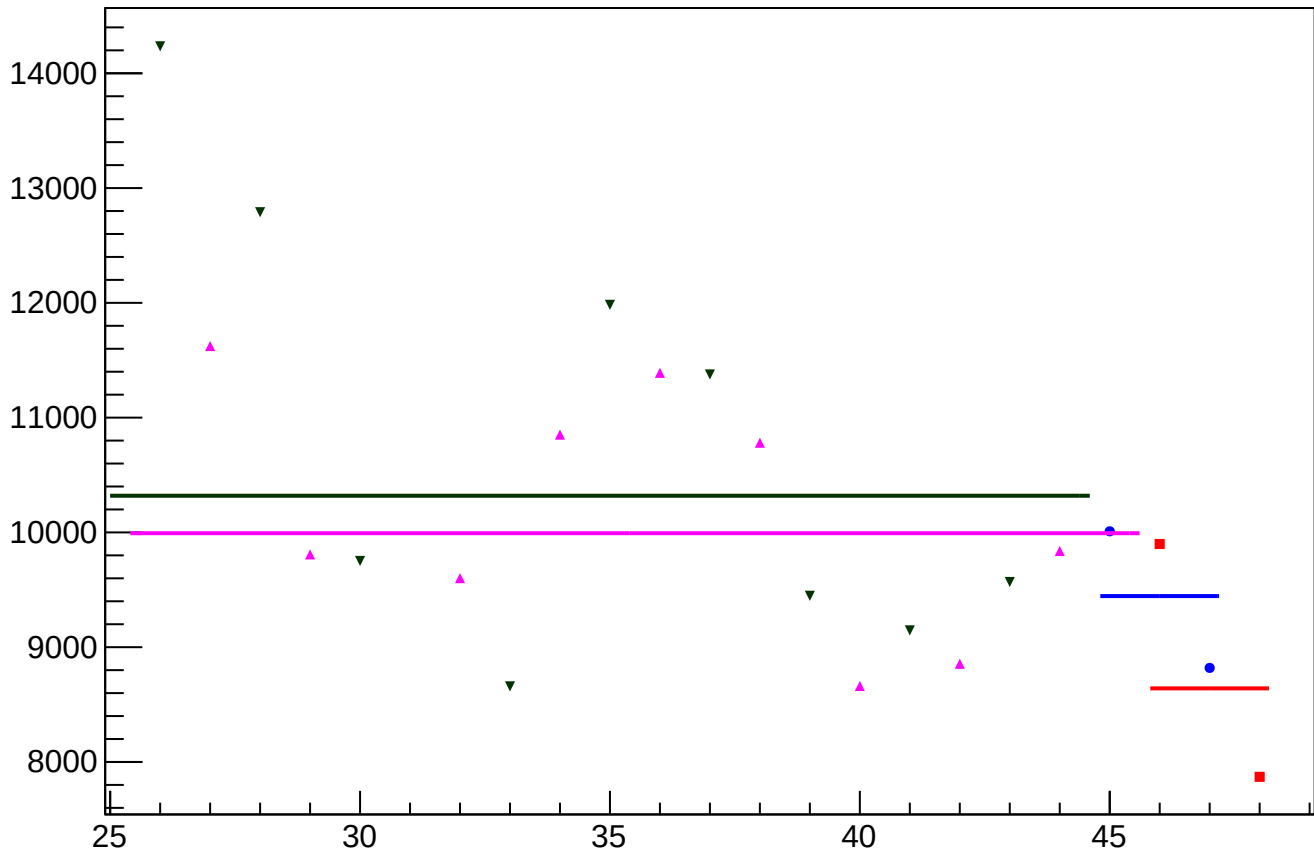
-3061.570+/-4227.840 χ^2/NDF : 8.8/10

Right Out: -10946.635+/-9357.462 χ^2/NDF : 0.4/1

-7442.516+/-3865.091 χ^2/NDF : 10.3/10

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

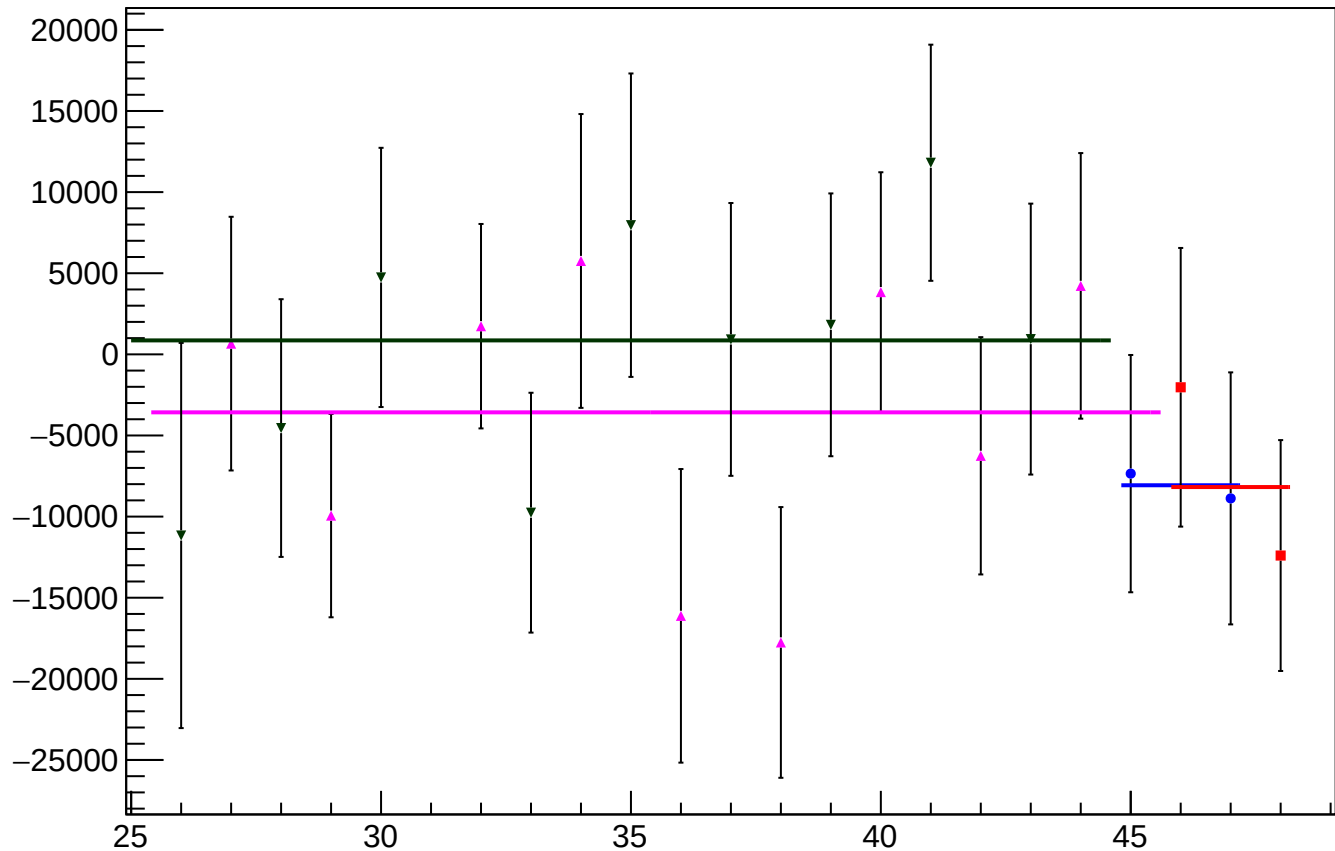
10136.745+/-2.990 χ^2/NDF : 254674.3/10

Right Out: 8641.188+/-6.617 χ^2/NDF : 22142.5/1

9762.464+/-2.733 χ^2/NDF : 160978.1/10

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

asym_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

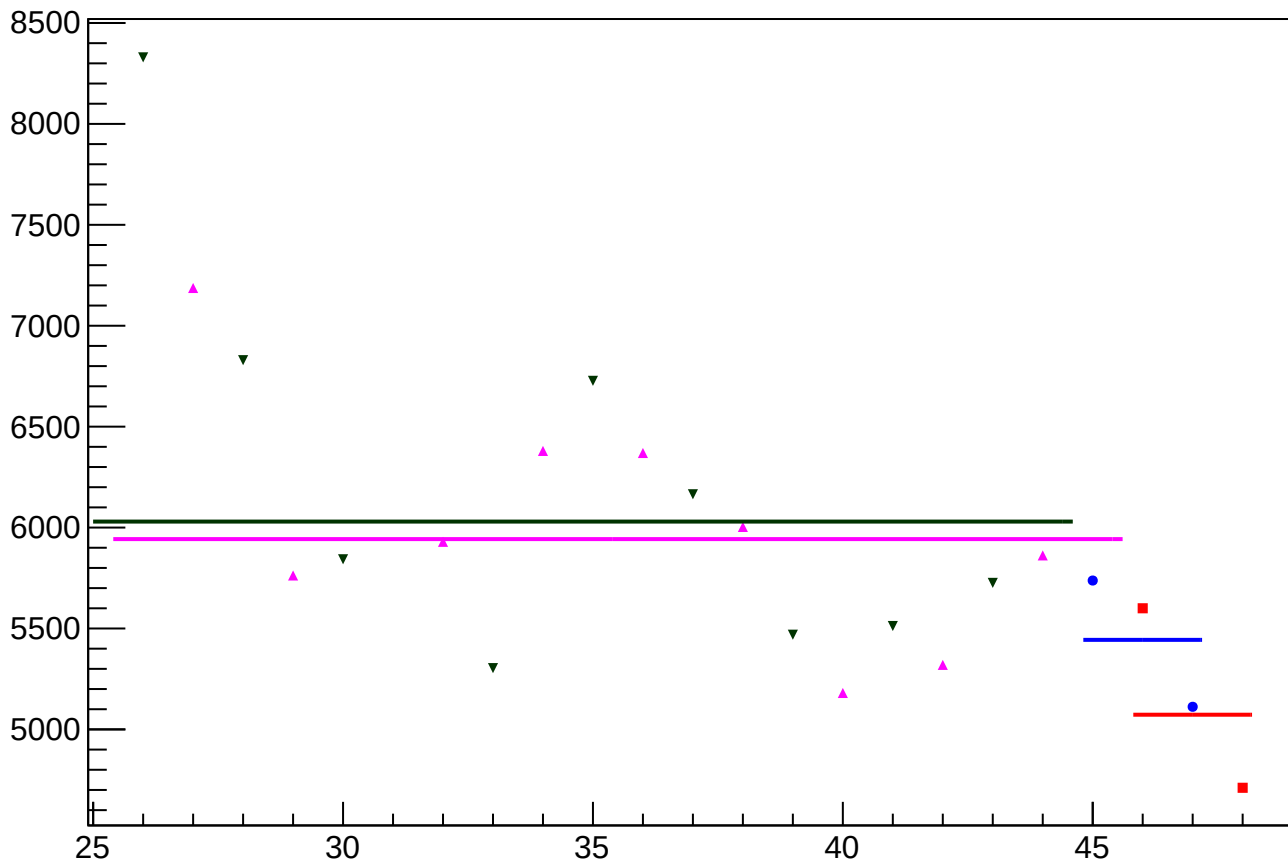
-1034.369+/-2452.513 χ^2 /NDF: 8.9/10

Right Out: -8179.056+/-5478.947 χ^2 /NDF: 0.9/1

-4377.182+/-2287.739 χ^2 /NDF: 11.4/10

Left In: -3574.359+/-2517.724 χ^2 /NDF: 10.0/8

asym_sam4_rms vs slug



Right In: 5443.637 ± 3.765 $\chi^2/\text{NDF}: 6877.5/1$

Left Out: 6029.703 ± 1.954 $\chi^2/\text{NDF}: 149738.9/8$

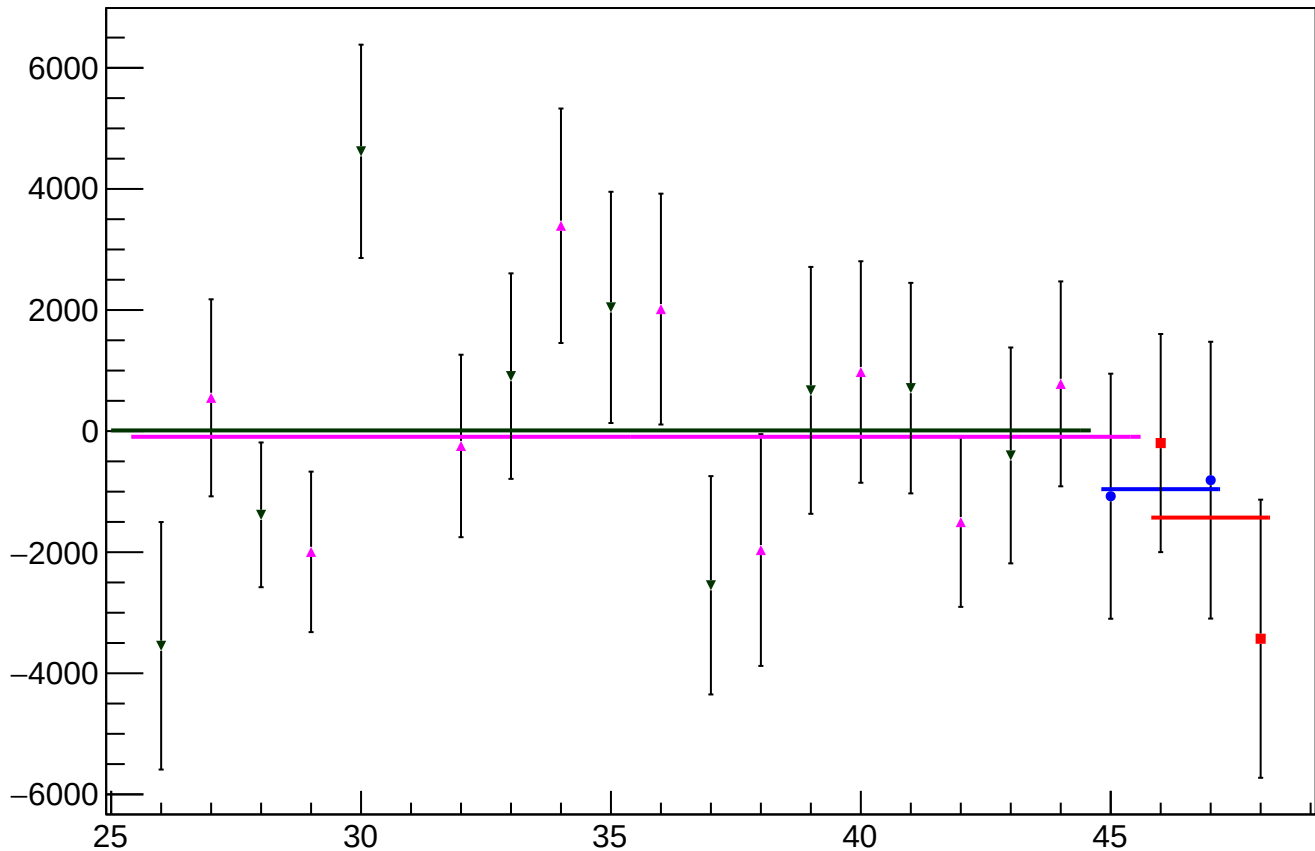
Right Out: 5072.766 ± 3.874 $\chi^2/\text{NDF}: 12719.7/1$

Left In: 5942.884 ± 1.780 $\chi^2/\text{NDF}: 97554.3/8$

5905.347 ± 1.734 $\chi^2/\text{NDF}: 175708.0/10$

5791.180 ± 1.618 $\chi^2/\text{NDF}: 151921.4/10$

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

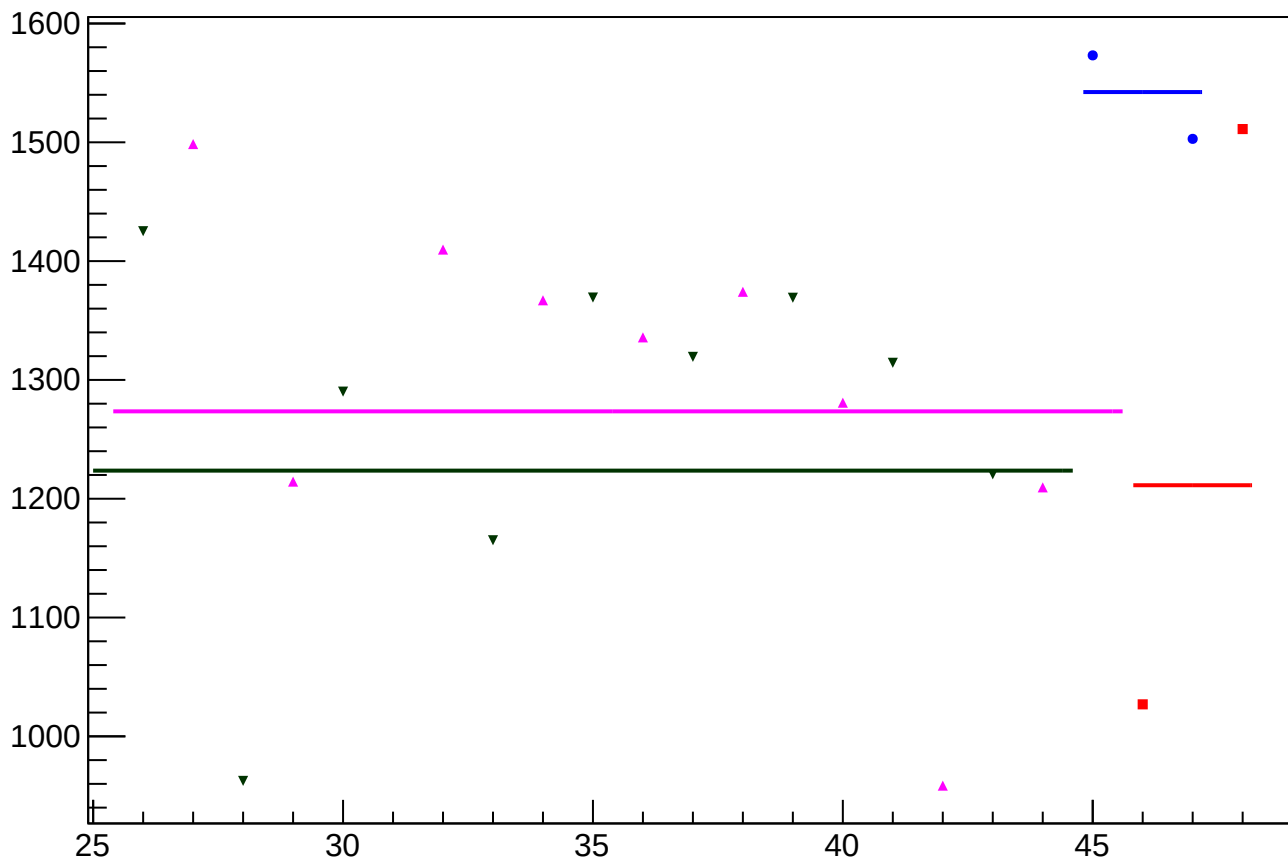
-108.939+/-533.658 χ^2/NDF : 15.3/10

Right Out: -1428.383+/-1417.602 χ^2/NDF : 1.2/1

-266.081+/-509.135 χ^2/NDF : 11.3/10

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

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

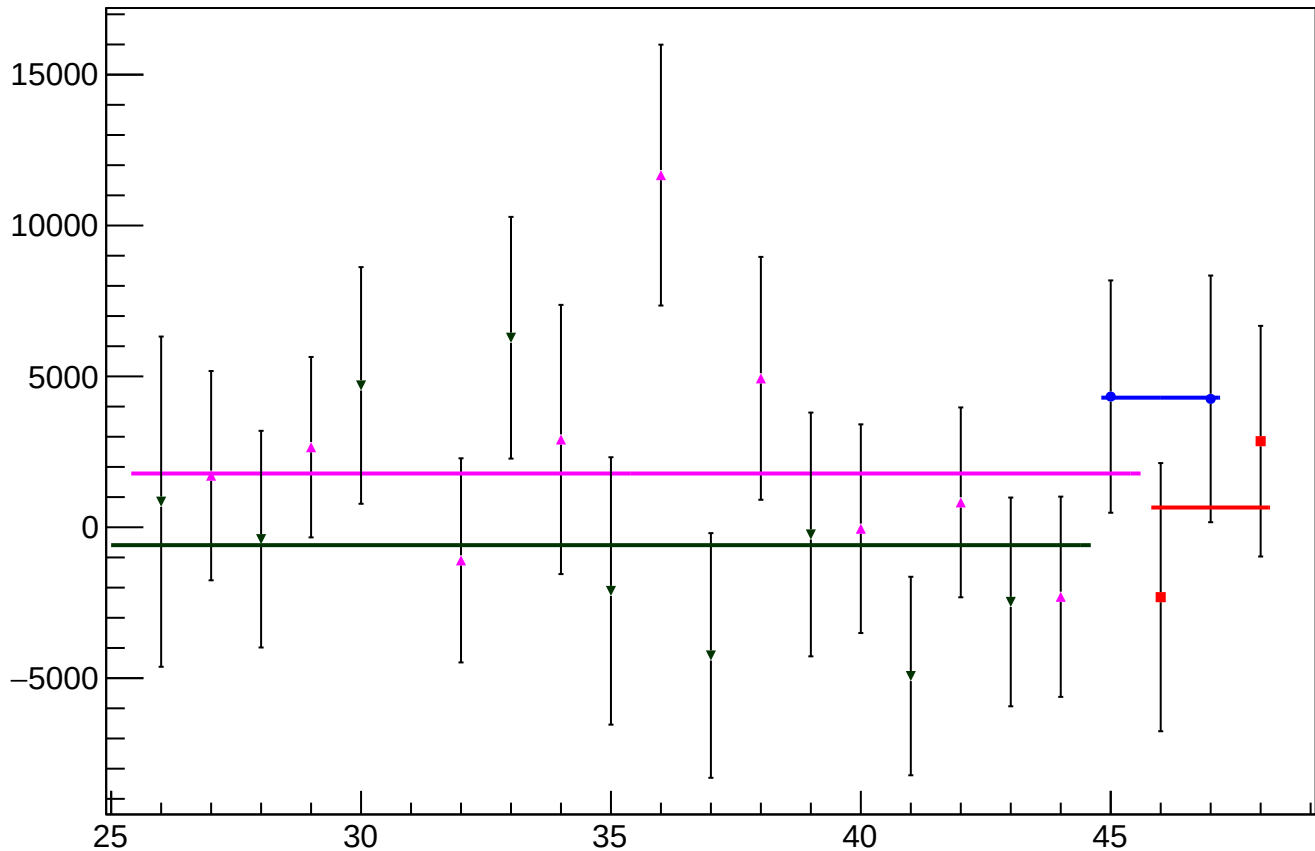
Right Out: 1211.359+/-1.002 χ^2/NDF : 55024.2/1

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1263.172+/-0.377 χ^2/NDF : 231552.9/10

1265.520+/-0.360 χ^2/NDF : 233368.2/10

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

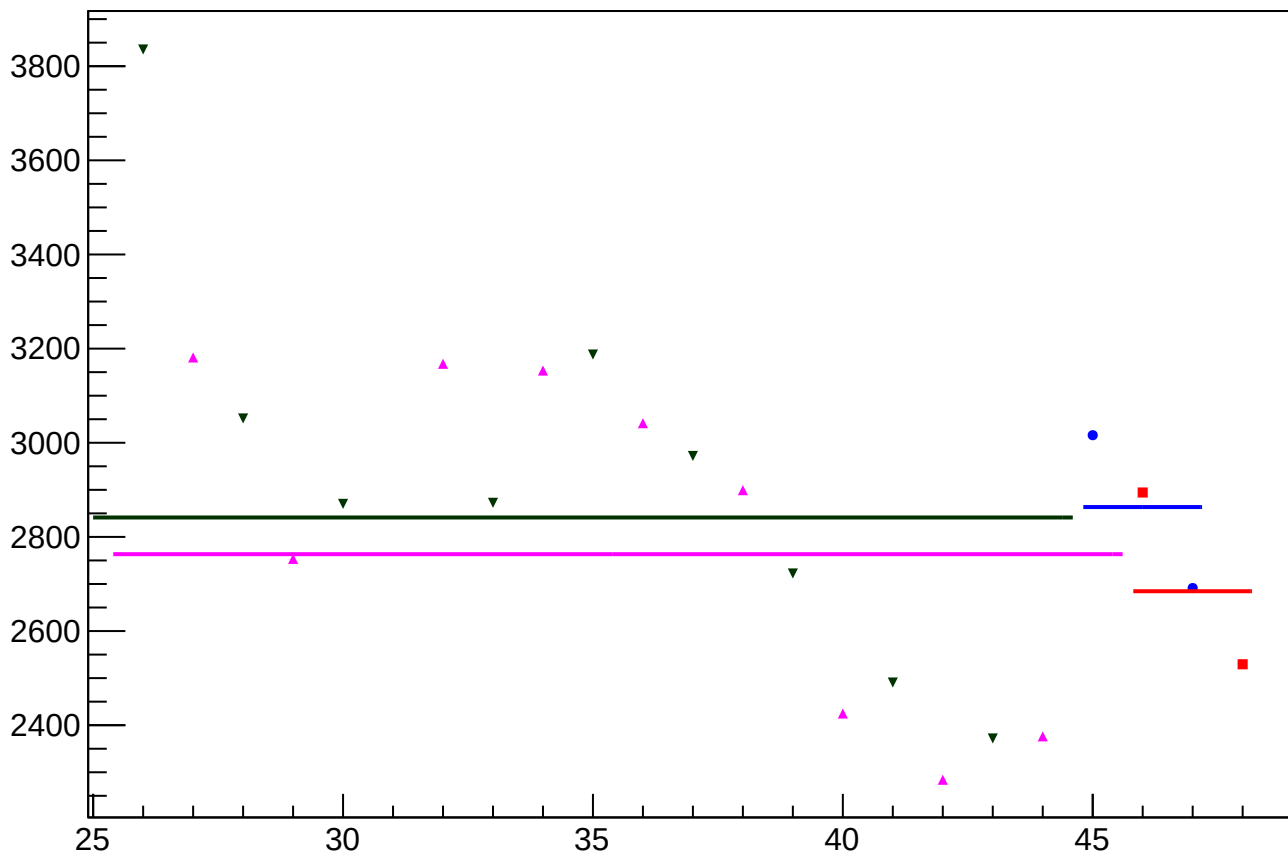
Right Out: 655.134+/-2897.503 χ^2/NDF : 0.8/1

Left In: 1782.022+/-1175.711 χ^2/NDF : 8.6/8

278.312+/-1182.823 χ^2/NDF : 10.3/10

1622.713+/-1089.440 χ^2/NDF : 9.5/10

asym_sam6_rms vs slug



Right In: 2863.439 $\pm$ 1.982 χ^2/NDF : 6689.7/1

Left Out: 2841.264 $\pm$ 0.923 χ^2/NDF :148700.6/8

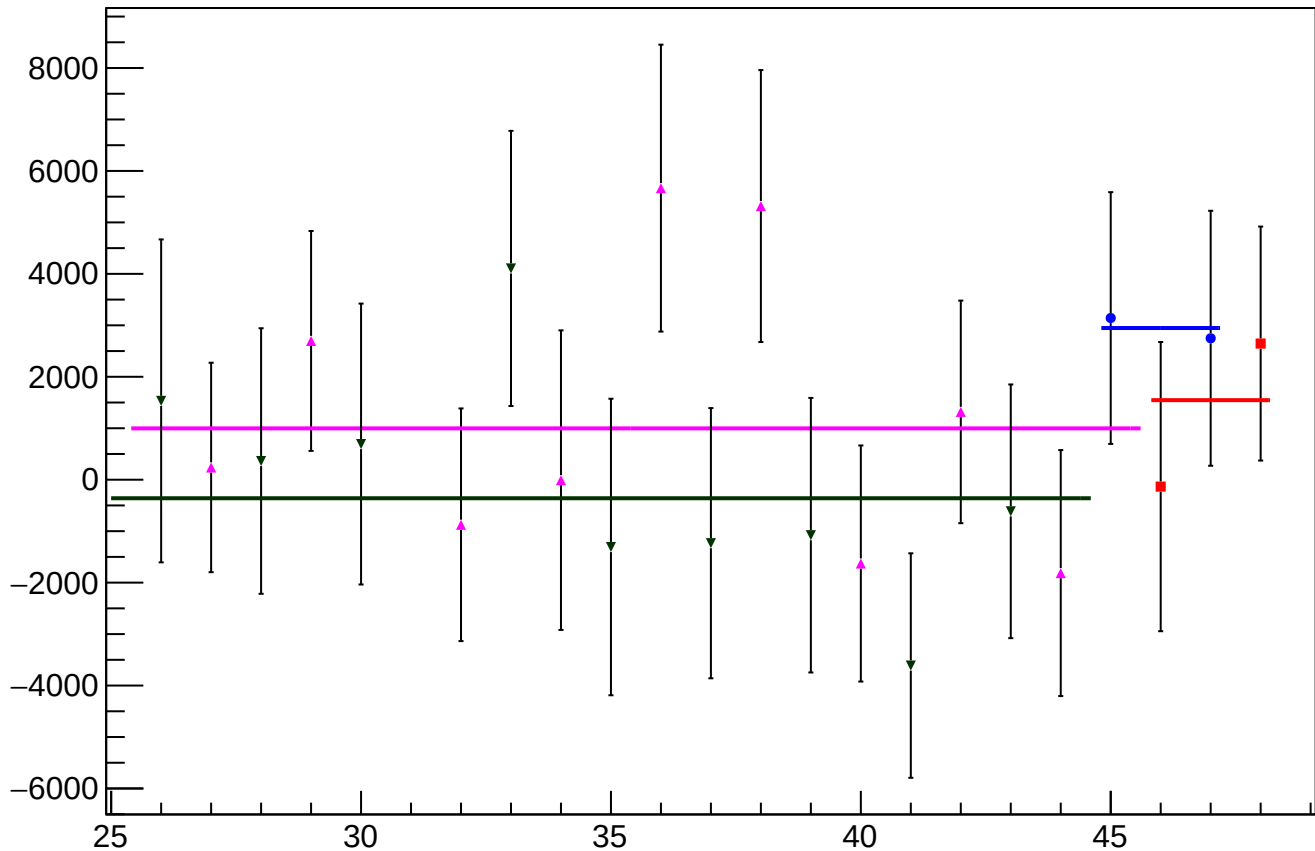
Right Out: 2684.596 $\pm$ 2.049 χ^2/NDF : 7751.3/1

Left In: 2763.332 $\pm$ 0.831 χ^2/NDF :176305.8/8

2845.215 $\pm$ 0.836 χ^2/NDF : 155493.2/10

2752.201 $\pm$ 0.770 χ^2/NDF : 185325.1/10

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

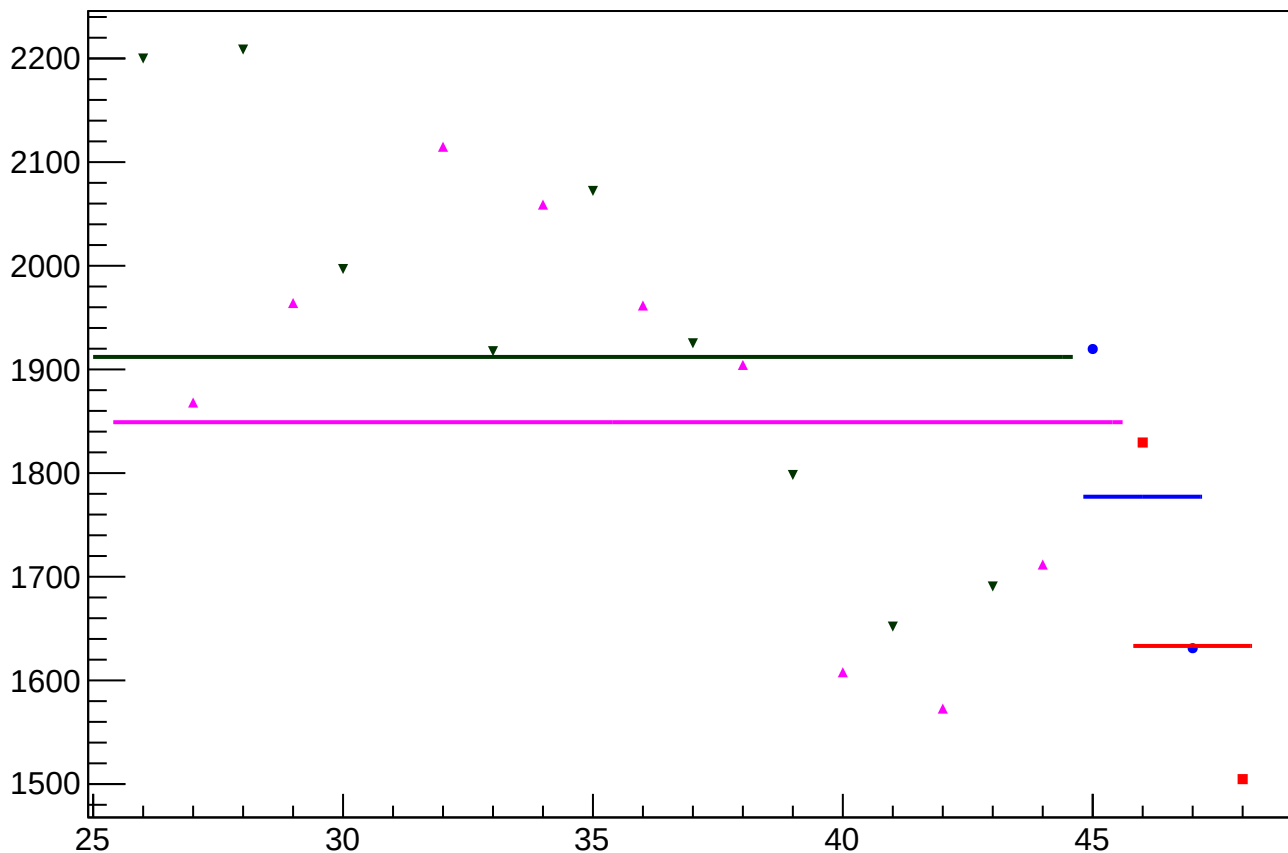
Right Out: 1545.763 ± 1767.401 χ^2/NDF : 0.6/1

Left In: 997.468 ± 784.441 χ^2/NDF : 9.8/8

306.795 ± 781.602 χ^2/NDF : 8.8/10

1087.702 ± 716.992 χ^2/NDF : 10.4/10

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

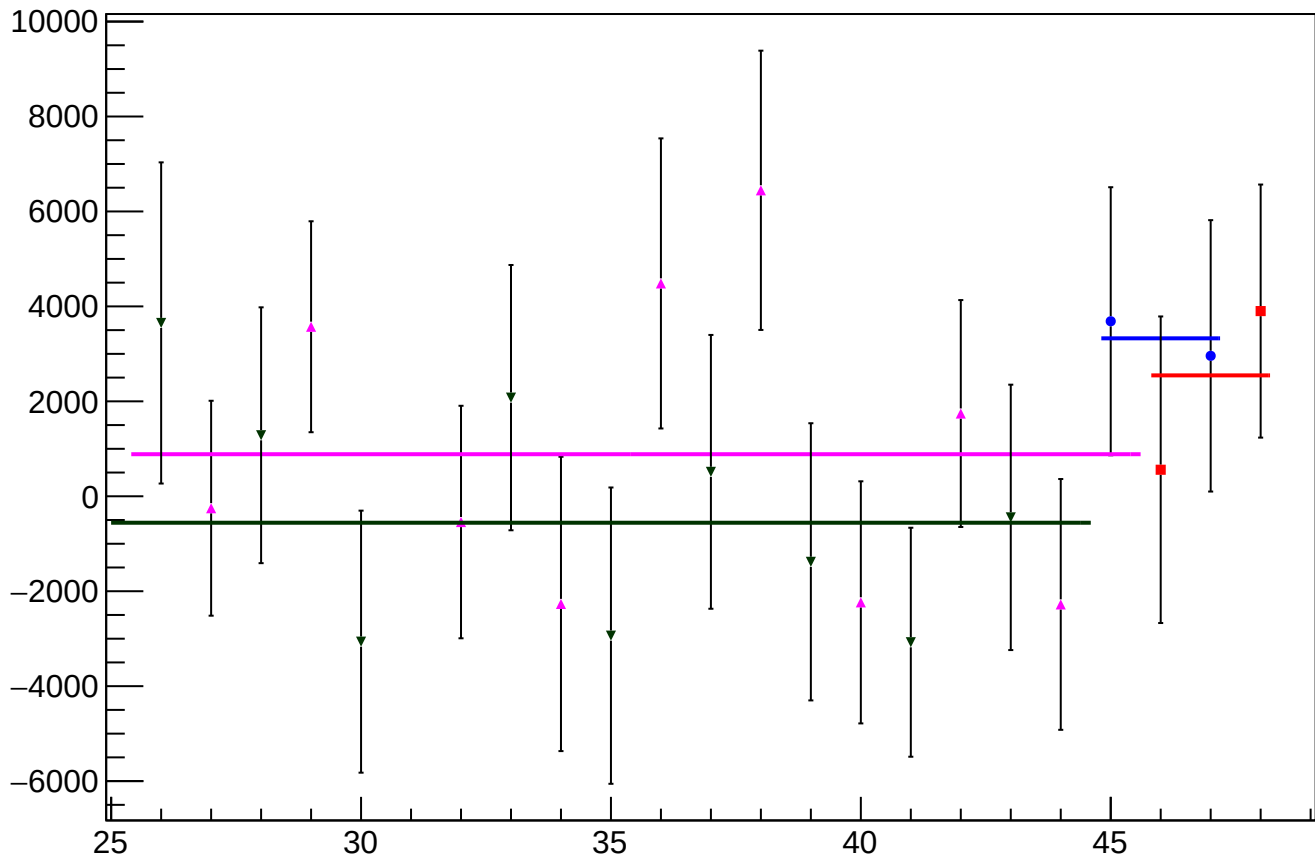
Right Out: 1633.257 ± 1.250 χ^2/NDF : 16144.7/1

Left In: 1849.099 ± 0.555 χ^2/NDF : 109500.6/8

1884.870 ± 0.553 χ^2/NDF : 122996.6/10

1813.577 ± 0.507 χ^2/NDF : 150564.9/10

asym_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

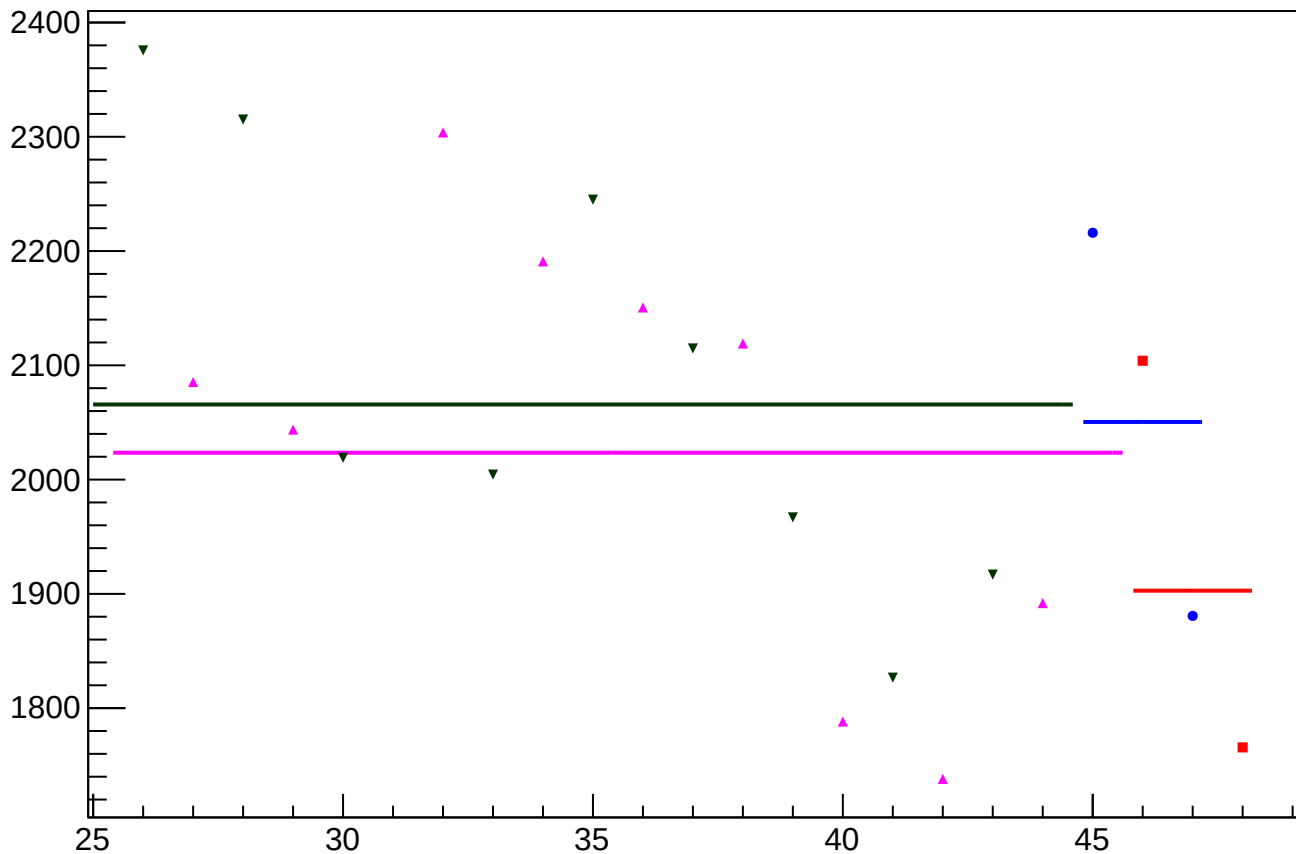
144.190+/-853.592 χ^2/NDF : 8.7/10

Right Out: 2546.746+/-2055.598 χ^2/NDF : 0.6/1

1131.777+/-790.566 χ^2/NDF : 12.3/10

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

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

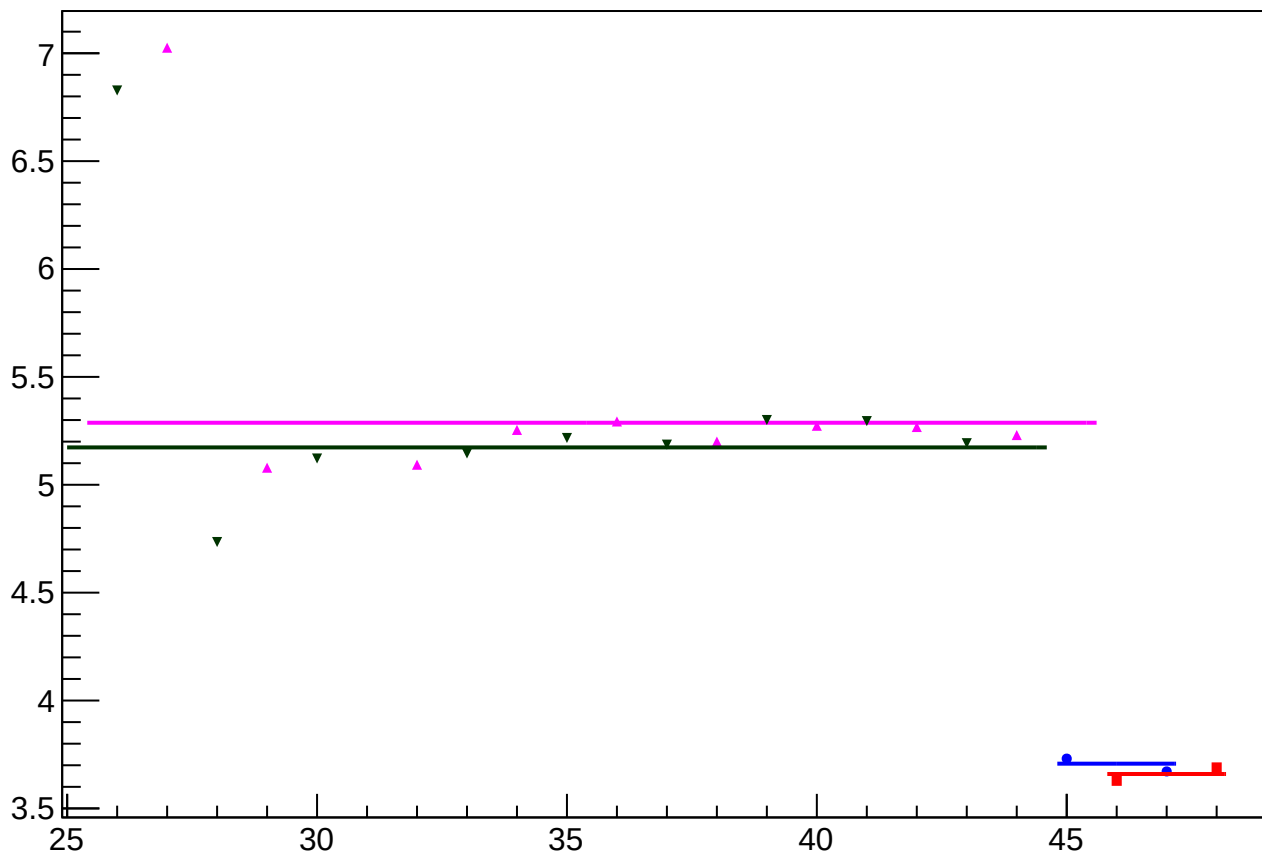
Right Out: 1902.788+/-1.454 χ^2/NDF : 13060.5/1

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2062.971+/-0.604 χ^2/NDF : 84255.6/10

2005.661+/-0.559 χ^2/NDF : 108714.8/10

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

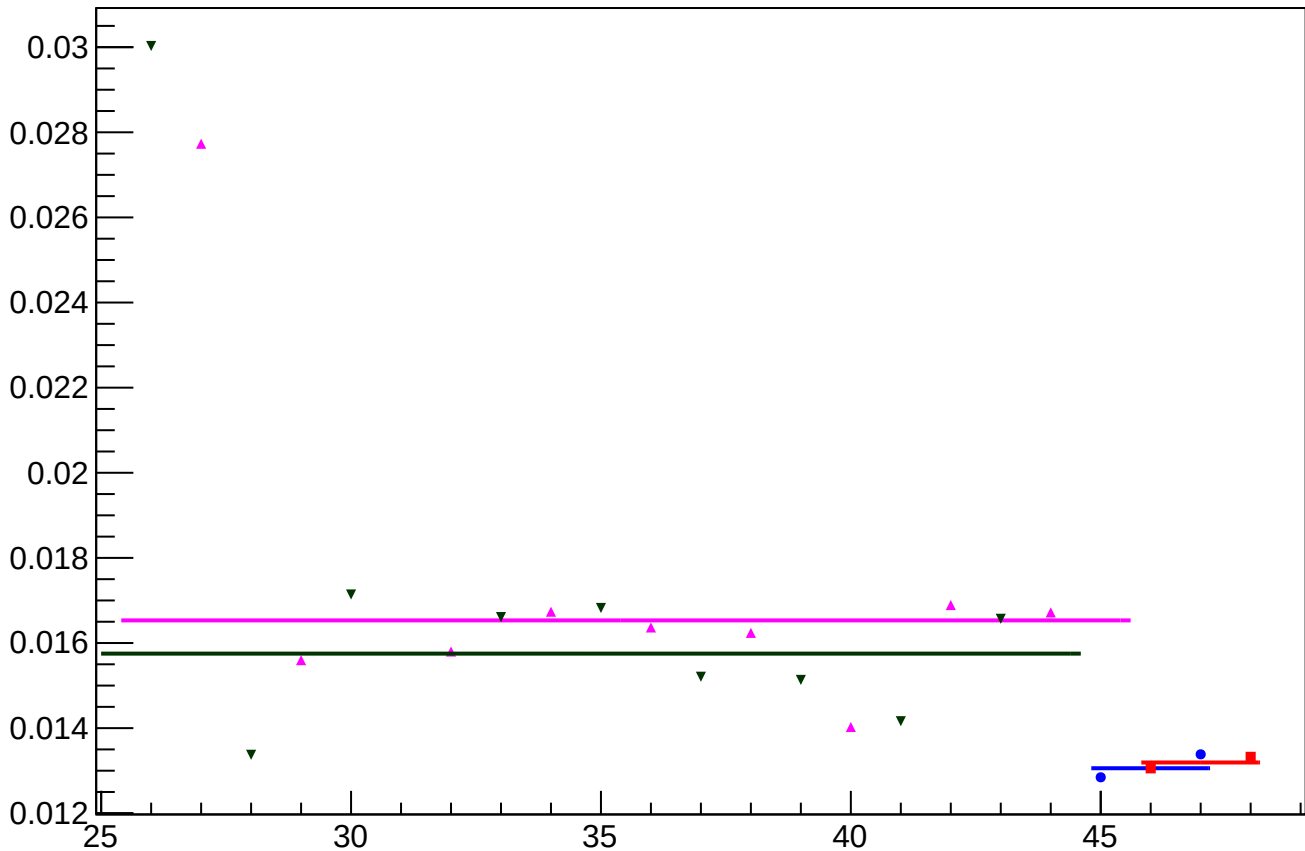
Right Out: 3.660 ± 0.000 χ^2/NDF : 4475156.9/1

Left In: 5.287 ± 0.000 χ^2/NDF : 3281292278.3/8

4.809 ± 0.000 χ^2/NDF : 11670464535.4/10

4.967 ± 0.000 χ^2/NDF : 13234765902.8/10

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

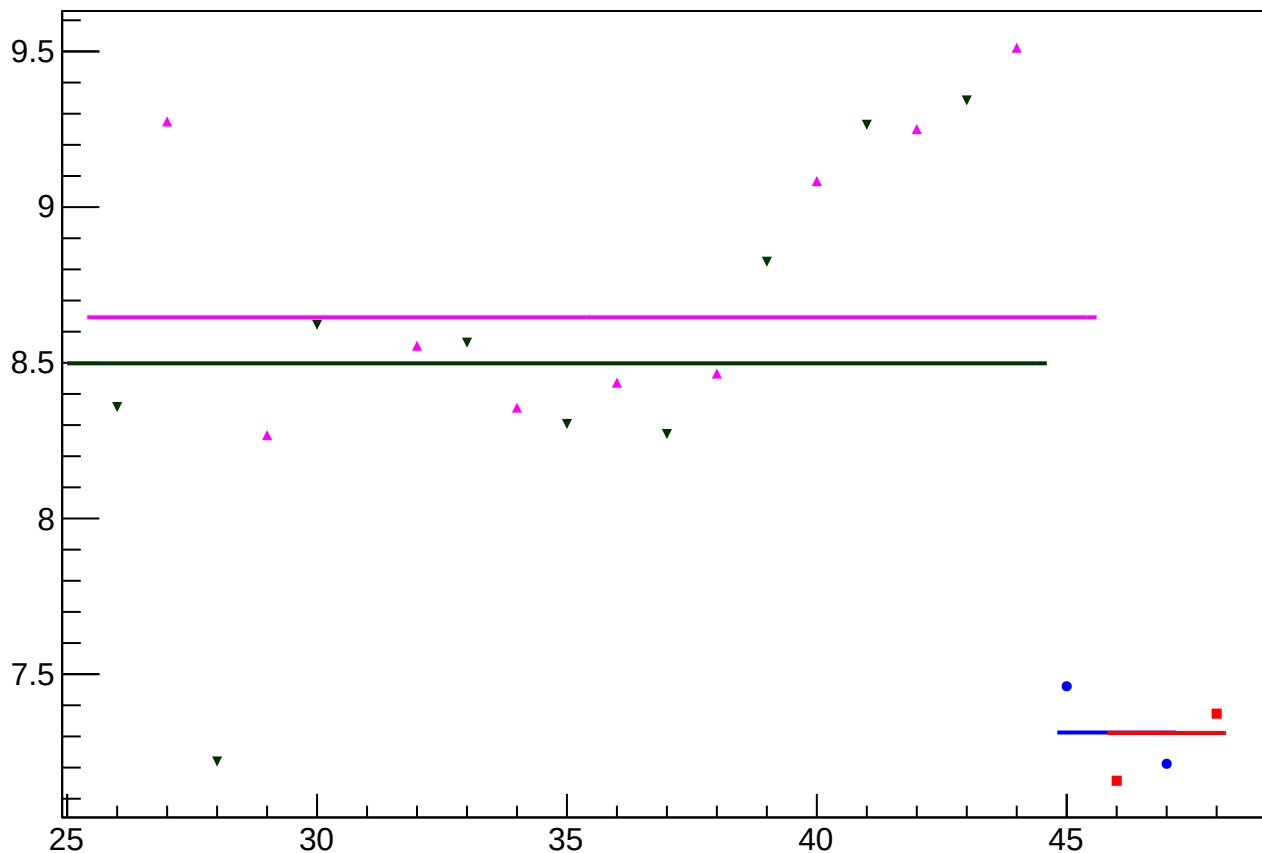
Right Out: 0.013+/-0.000 χ^2/NDF : 170.4/1

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 : 372670.6/10

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

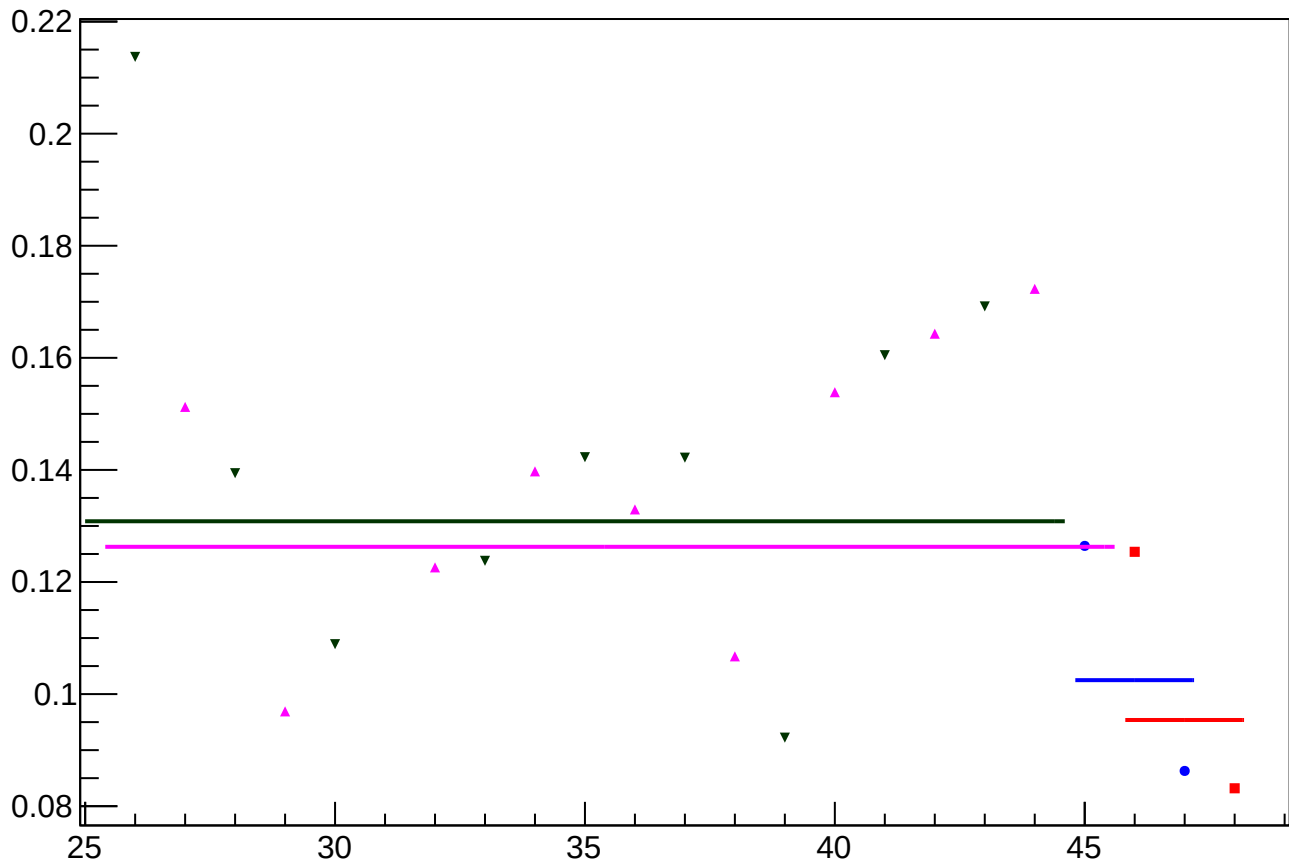
Right Out: 7.311+/-0.000 χ^2/NDF : 791423.4/1

Left In: 8.646+/-0.000 χ^2/NDF : 53836286.5/8

8.191+/-0.000 χ^2/NDF : 179569015.6/10

8.371+/-0.000 χ^2/NDF : 172164159.9/10

yield_sam2_rms vs slug



Right In: 0.102+/-0.000 χ^2/NDF : 68763.4/1

Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

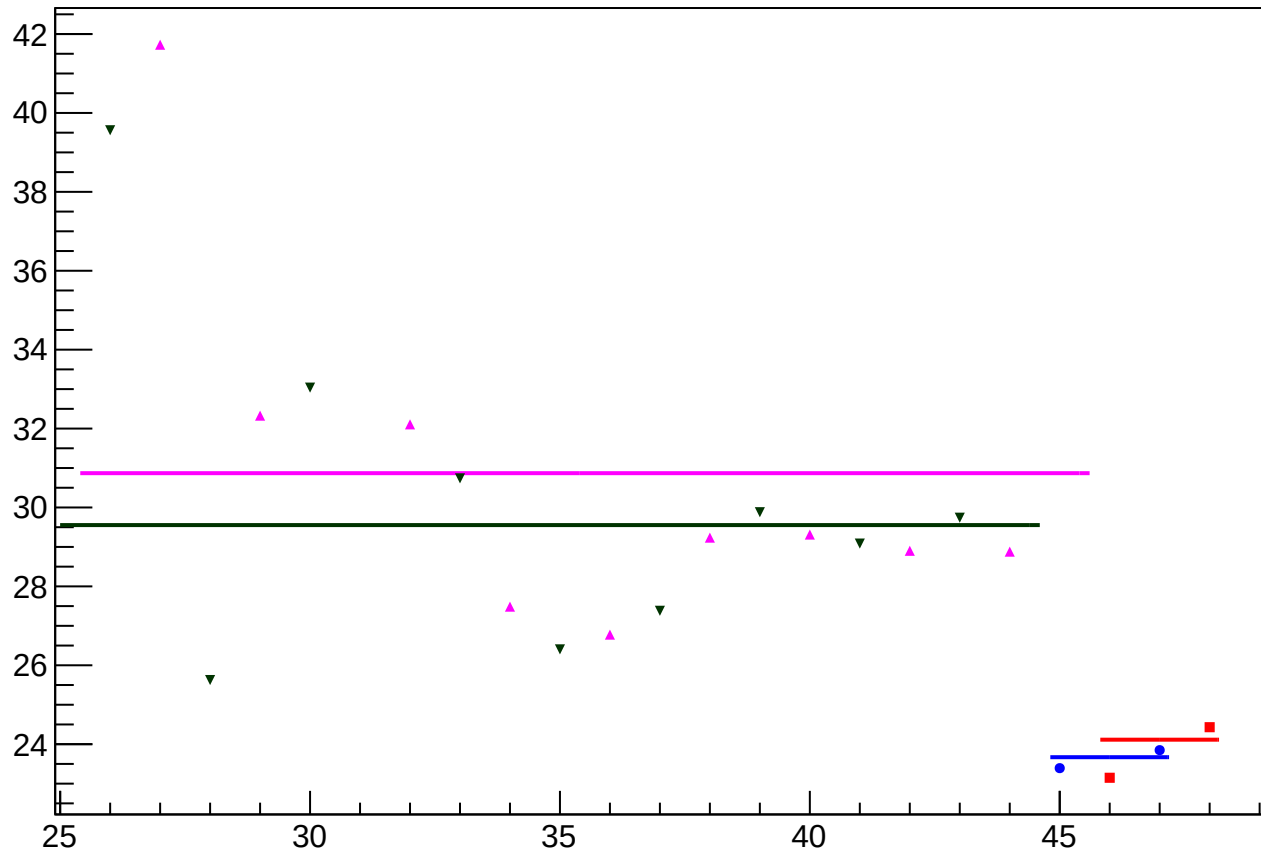
Right Out: 0.095+/-0.000 χ^2/NDF : 60742.8/1

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

0.123+/-0.000 χ^2/NDF : 609609.7/10

0.120+/-0.000 χ^2/NDF : 572011.9/10

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

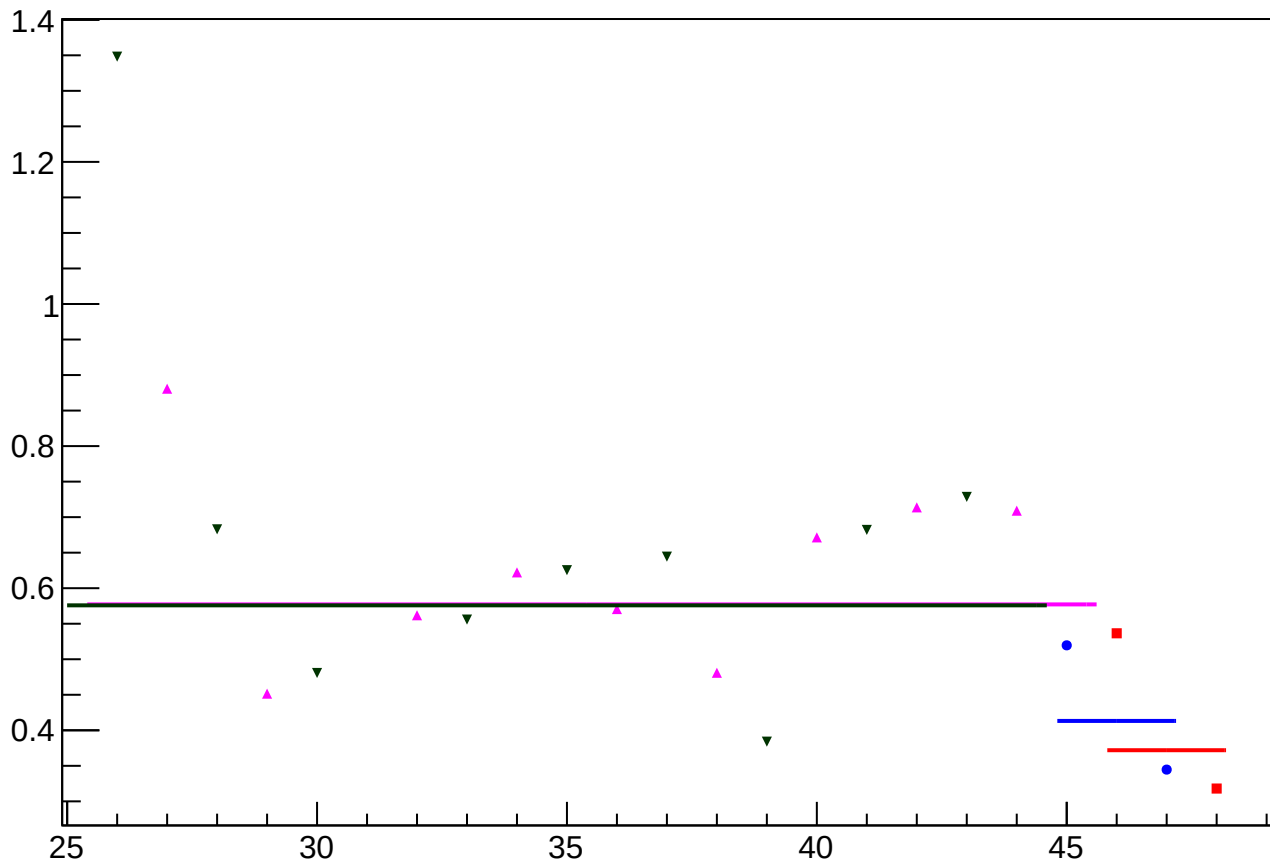
Right Out: 24.114 ± 0.000 χ^2/NDF : 1587271.9/1

Left In: 30.869 ± 0.000 χ^2/NDF : 179538741.3/8

27.809 ± 0.000 χ^2/NDF : 223235827.8/10

29.135 ± 0.000 χ^2/NDF : 357372660.7/10

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

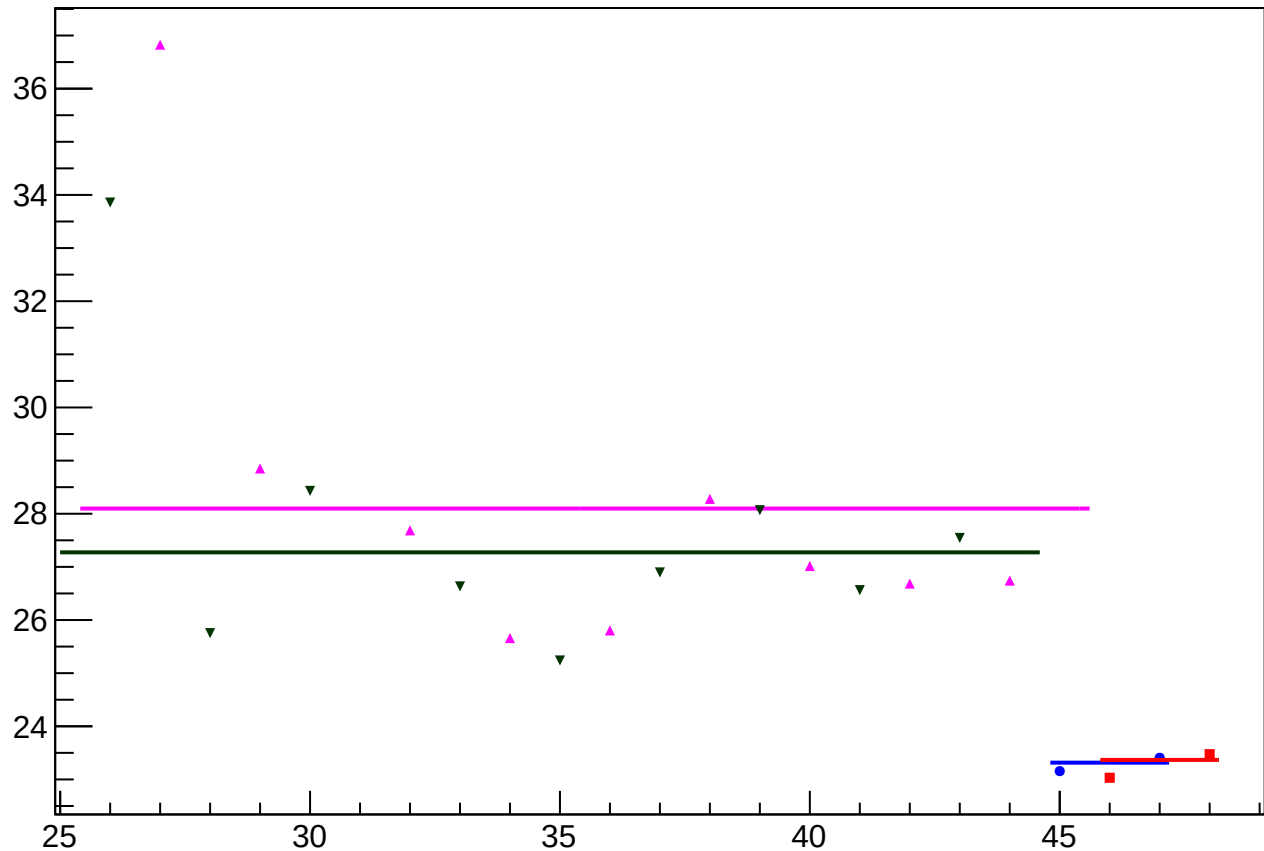
Right Out: 0.372+/-0.000 χ^2/NDF : 92264.5/1

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

0.528+/-0.000 χ^2/NDF : 947898.1/10

0.524+/-0.000 χ^2/NDF : 846527.5/10

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

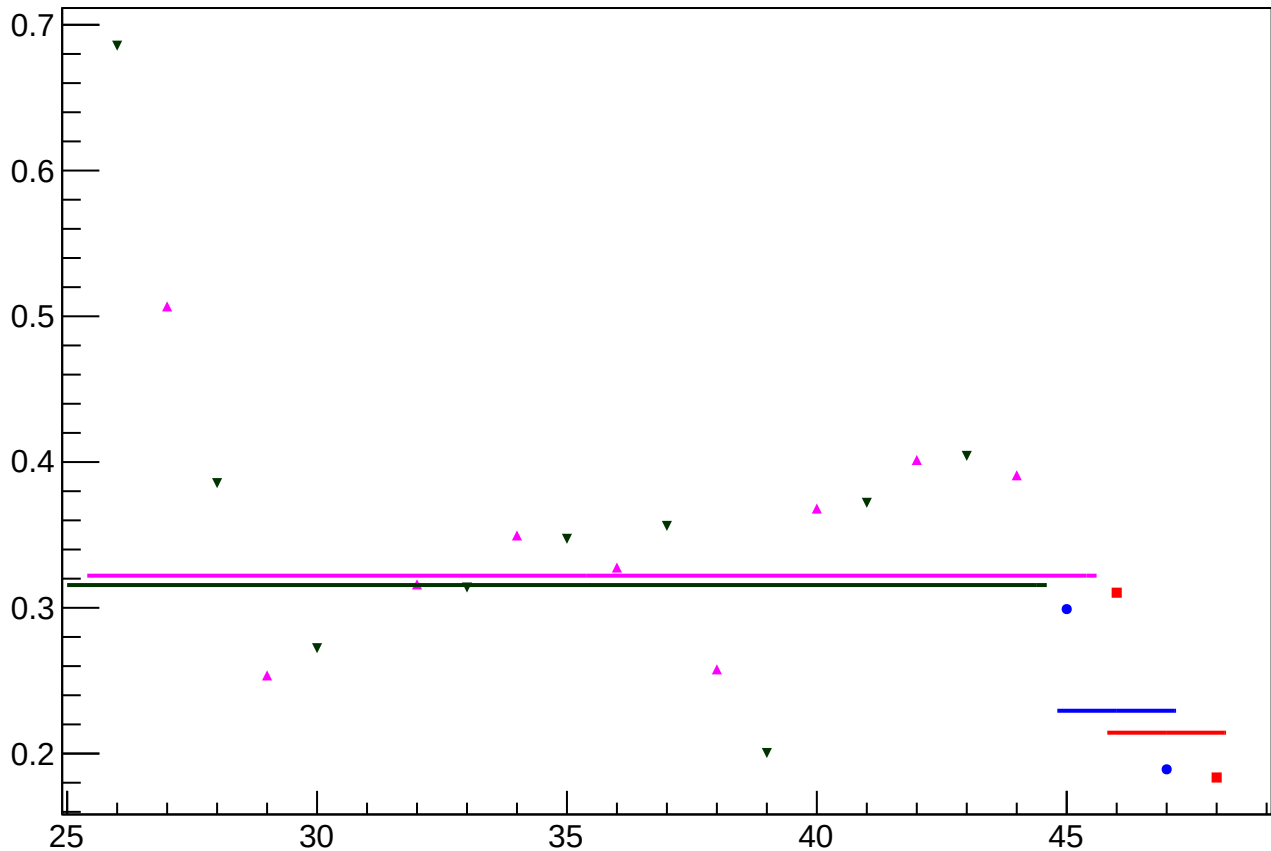
Right Out: 23.367 ± 0.000 χ^2/NDF : 576490.4/1

Left In: 28.098 ± 0.000 χ^2/NDF : 296123459.5/8

26.125 ± 0.000 χ^2/NDF : 285451886.5/10

26.928 ± 0.000 χ^2/NDF : 564858379.0/10

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

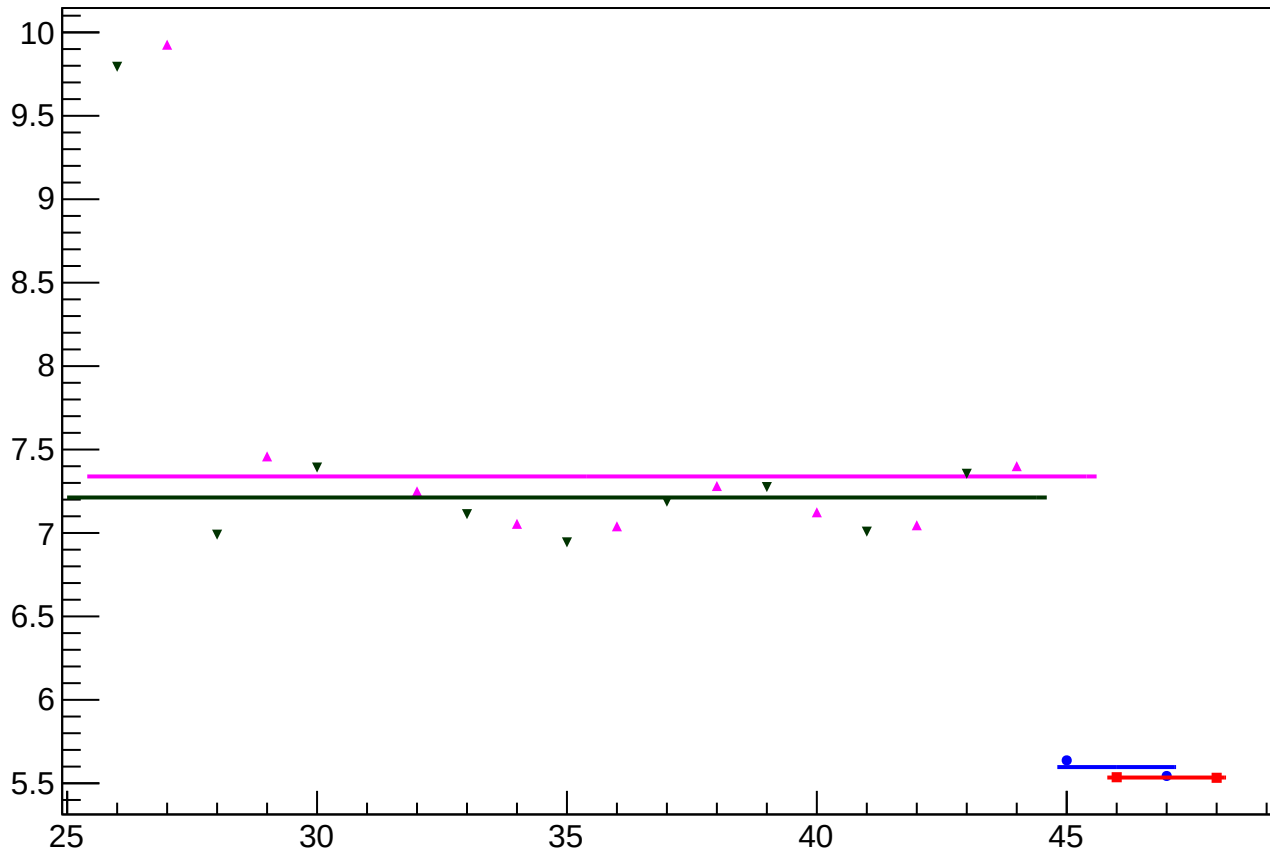
Right Out: 0.214+/-0.000 χ^2/NDF : 94042.4/1

Left In: 0.322+/-0.000 χ^2/NDF : 461575.4/8

0.291+/-0.000 χ^2/NDF : 992709.5/10

0.295+/-0.000 χ^2/NDF : 833771.1/10

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

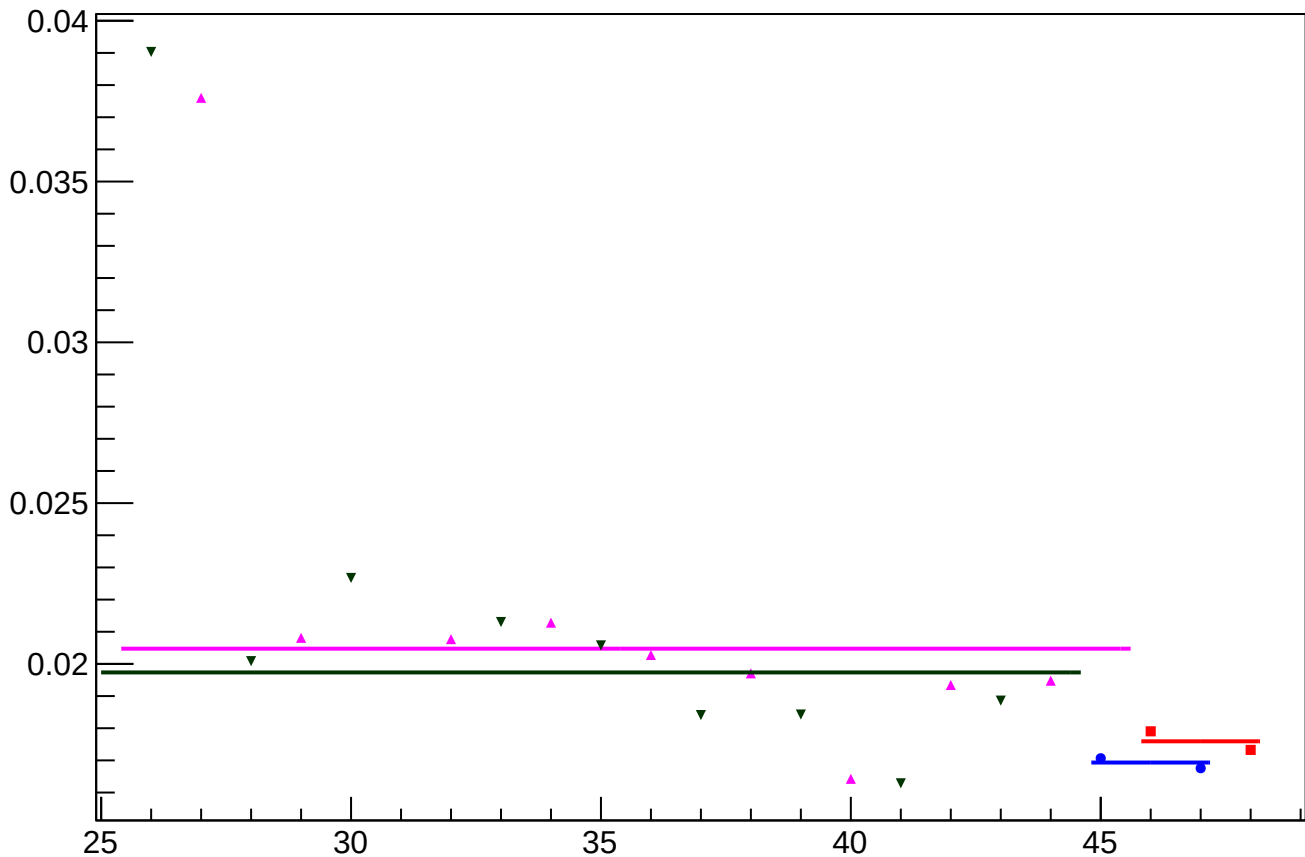
6.834+/-0.000 χ^2/NDF : 9388304962.8/10

Right Out: 5.534+/-0.000 χ^2/NDF : 7496.3/1

7.020+/-0.000 χ^2/NDF : 11080306239.4/10

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

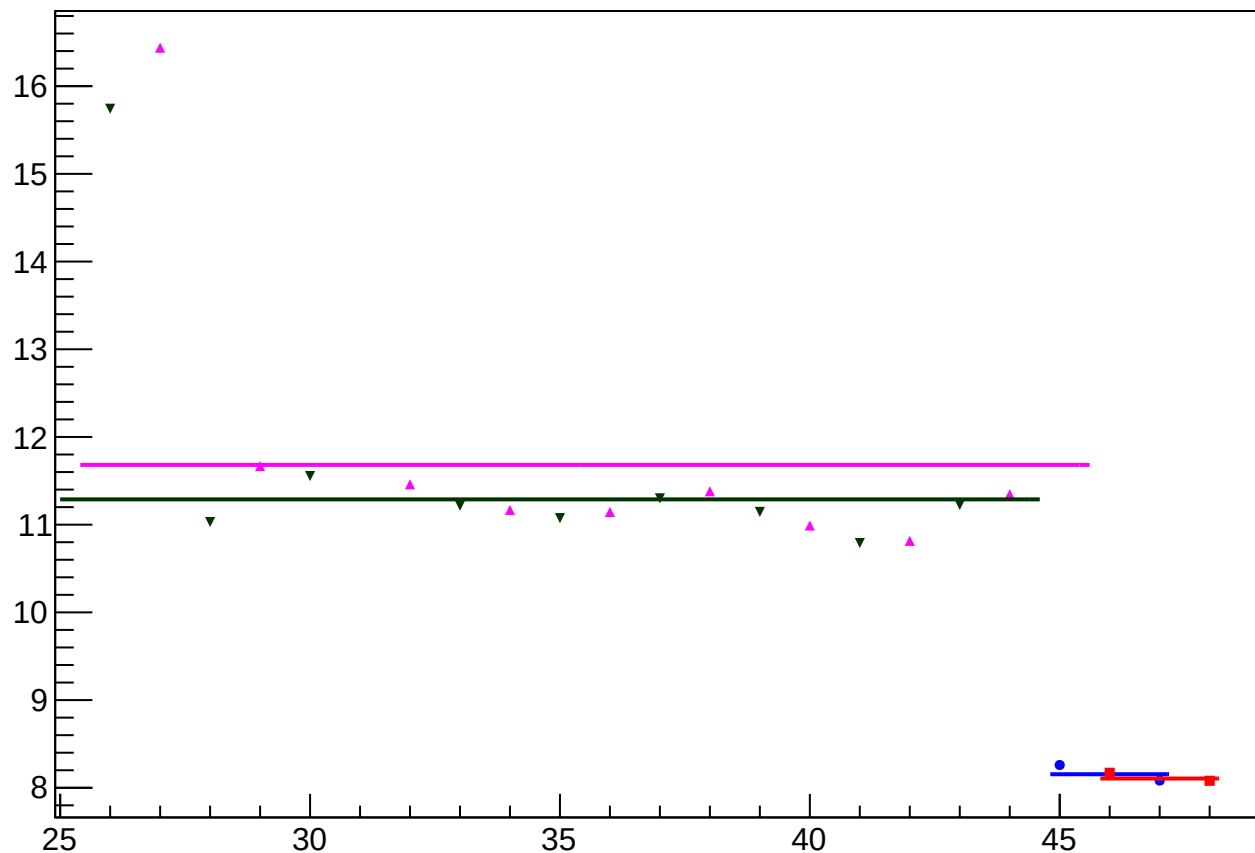
Right Out: 0.018+/-0.000 χ^2/NDF : 437.6/1

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

0.019+/-0.000 χ^2/NDF : 362844.0/10

0.020+/-0.000 χ^2/NDF : 416856.2/10

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

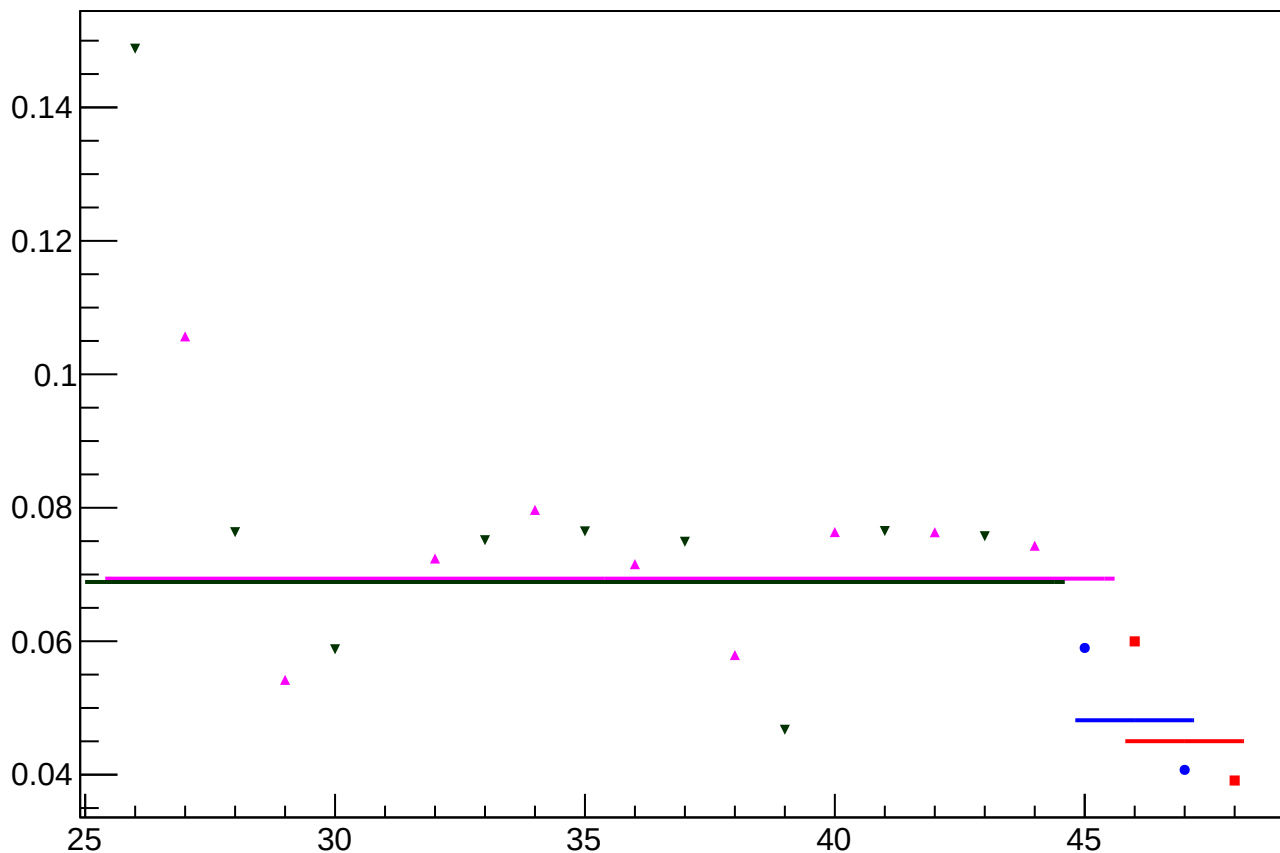
Right Out: 8.106 ± 0.000 χ^2/NDF : 635486.4/1

Left In: 11.681 ± 0.000 χ^2/NDF : 1757981772.9/8

10.322 ± 0.000 χ^2/NDF : 3205638961.6/10

10.751 ± 0.000 χ^2/NDF : 5281864701.3/10

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

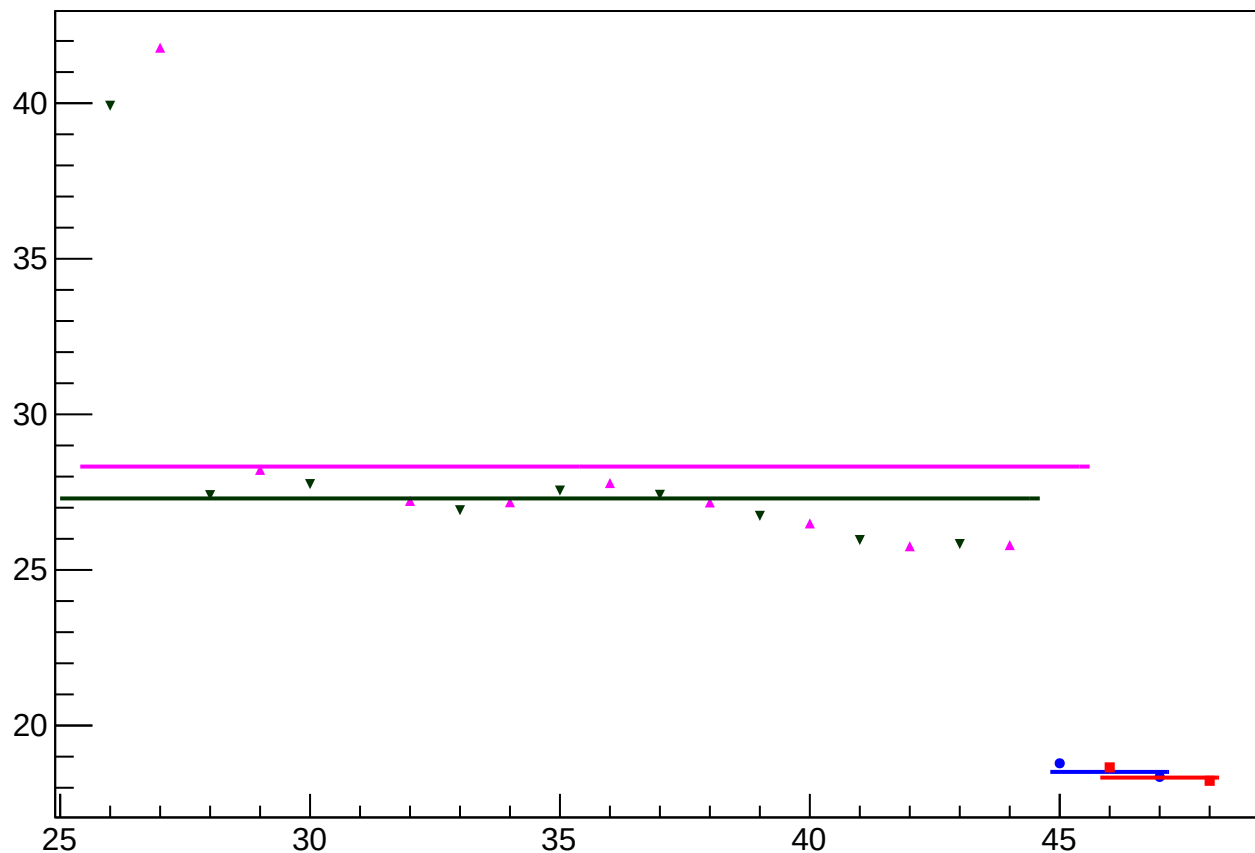
Right Out: 0.045+/-0.000 χ^2/NDF : 65670.6/1

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

0.062+/-0.000 χ^2/NDF : 845543.1/10

0.063+/-0.000 χ^2/NDF : 775415.8/10

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

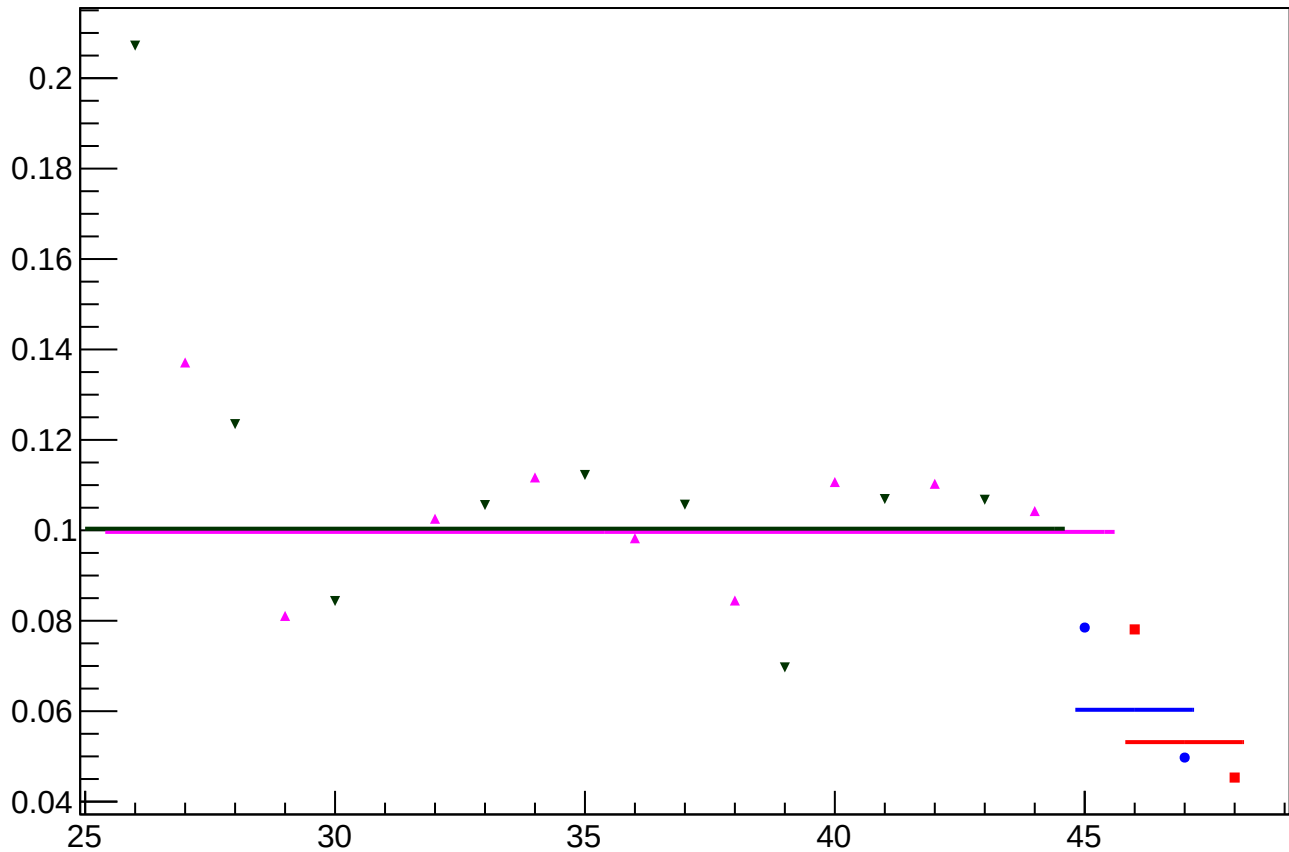
Right Out: 18.327 ± 0.000 χ^2/NDF : 8538430.4/1

Left In: 28.322 ± 0.000 χ^2/NDF : 8116696622.8/8

24.059 ± 0.000 χ^2/NDF : 13956177398.6/10

25.010 ± 0.000 χ^2/NDF : 24998997297.8/10

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

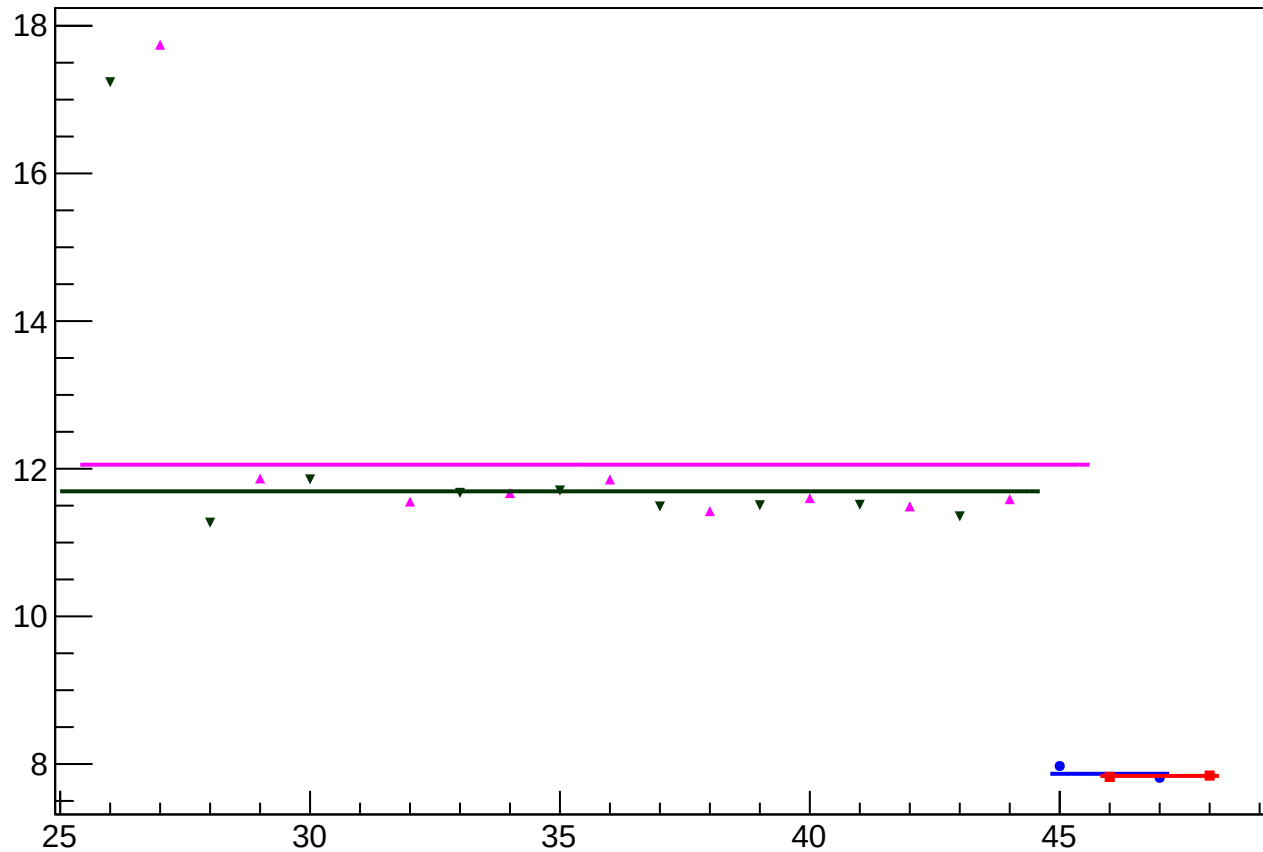
Right Out: 0.053+/-0.000 χ^2/NDF : 98742.4/1

Left In: 0.100+/-0.000 χ^2/NDF : 255418.8/8

0.086+/-0.000 χ^2/NDF : 1101468.8/10

0.084+/-0.000 χ^2/NDF : 1084308.5/10

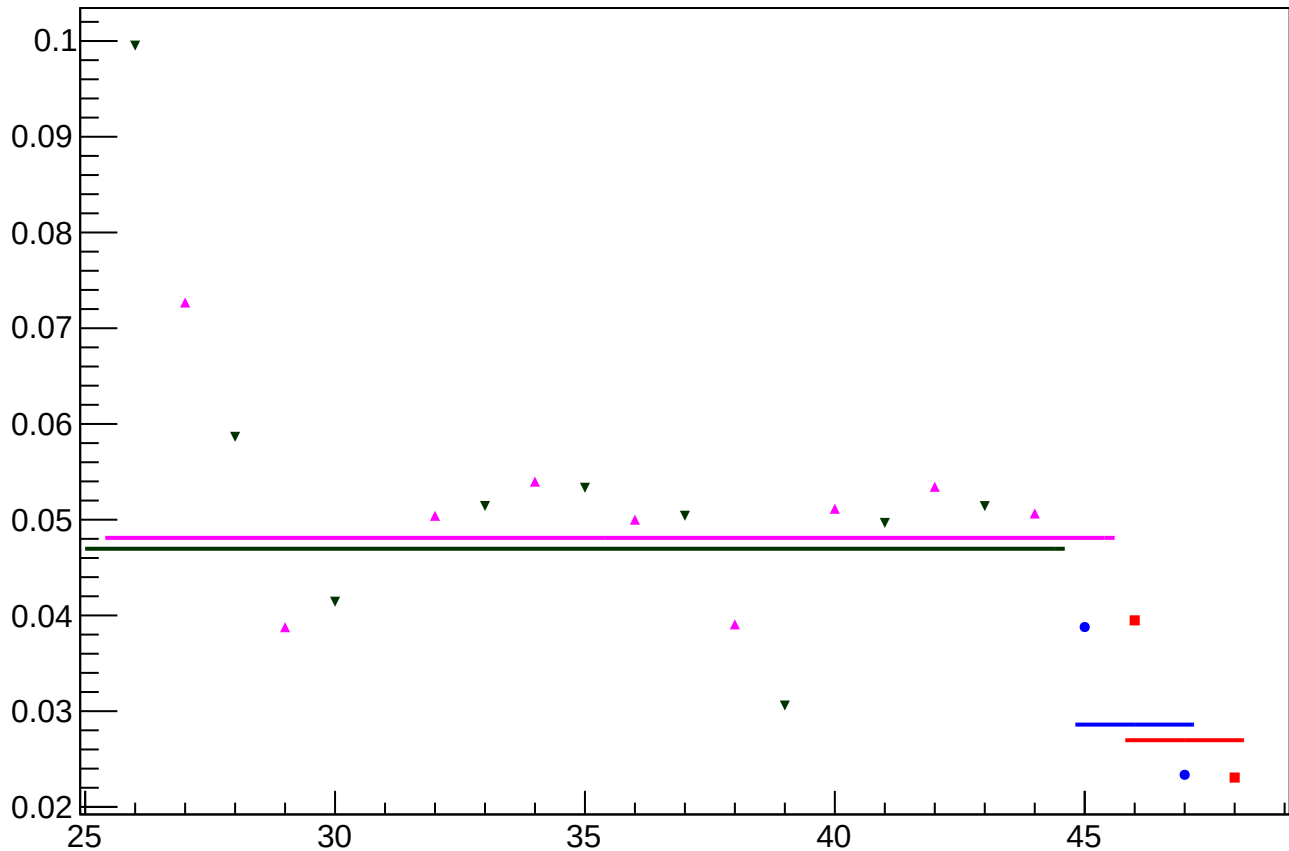
yield_sam8_mean vs slug



Right In: 7.868+/-0.000 χ^2/NDF : 6329114.6/1
 Left Out: 11.694+/-0.000 χ^2/NDF :1571804703.3/8
 Right Out: 7.839+/-0.000 χ^2/NDF : 60141.5/1
 Left In: 12.055+/-0.000 χ^2/NDF :5109226136.0/8

10.307+/-0.000 χ^2/NDF : 11939918005.3/10
 10.727+/-0.000 χ^2/NDF : 17420405945.0/10

yield_sam8_rms vs slug



Right In: 0.029 $\pm$ 0.000 χ^2 /NDF: 118650.9/1

Left Out: 0.047 $\pm$ 0.000 χ^2 /NDF: 612154.7/8

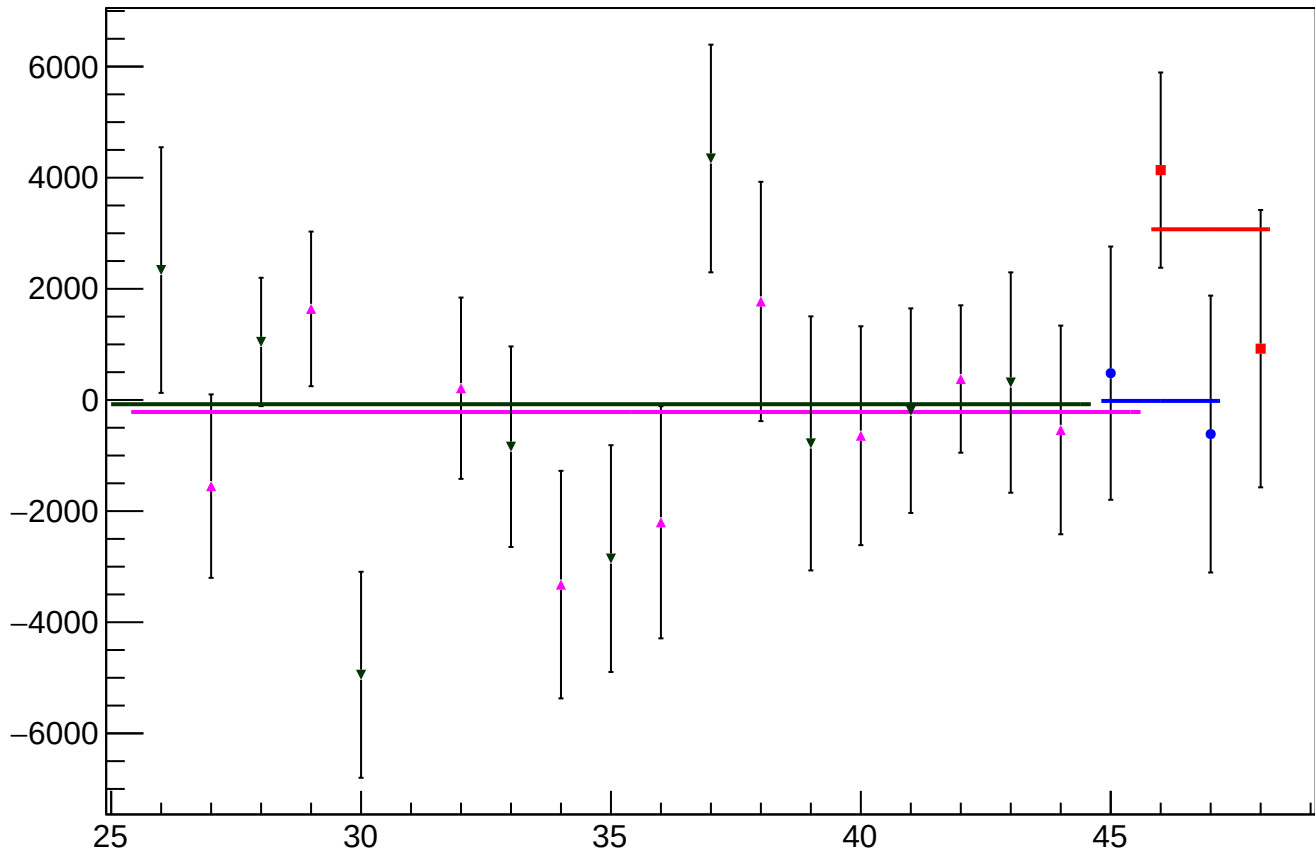
Right Out: 0.027 $\pm$ 0.000 χ^2 /NDF: 98790.0/1

Left In: 0.048 $\pm$ 0.000 χ^2 /NDF: 348766.4/8

0.040 $\pm$ 0.000 χ^2 /NDF: 1208442.7/10

0.041 $\pm$ 0.000 χ^2 /NDF: 1066500.3/10

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

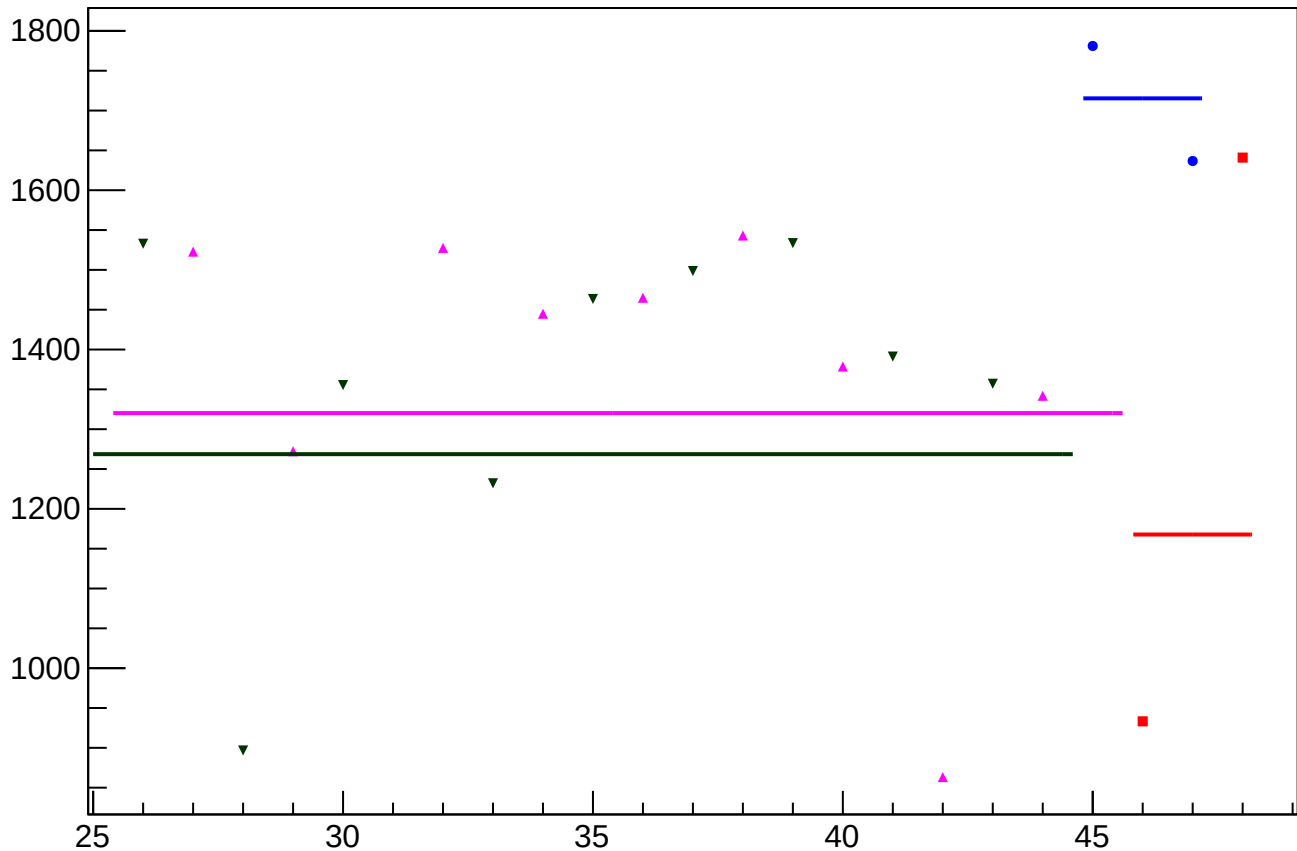
-69.755 ± 565.614 χ^2/NDF : 16.0/10

Right Out: 3071.552 ± 1436.789 χ^2/NDF : 1.1/1

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

233.511 ± 531.714 χ^2/NDF : 12.5/10

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

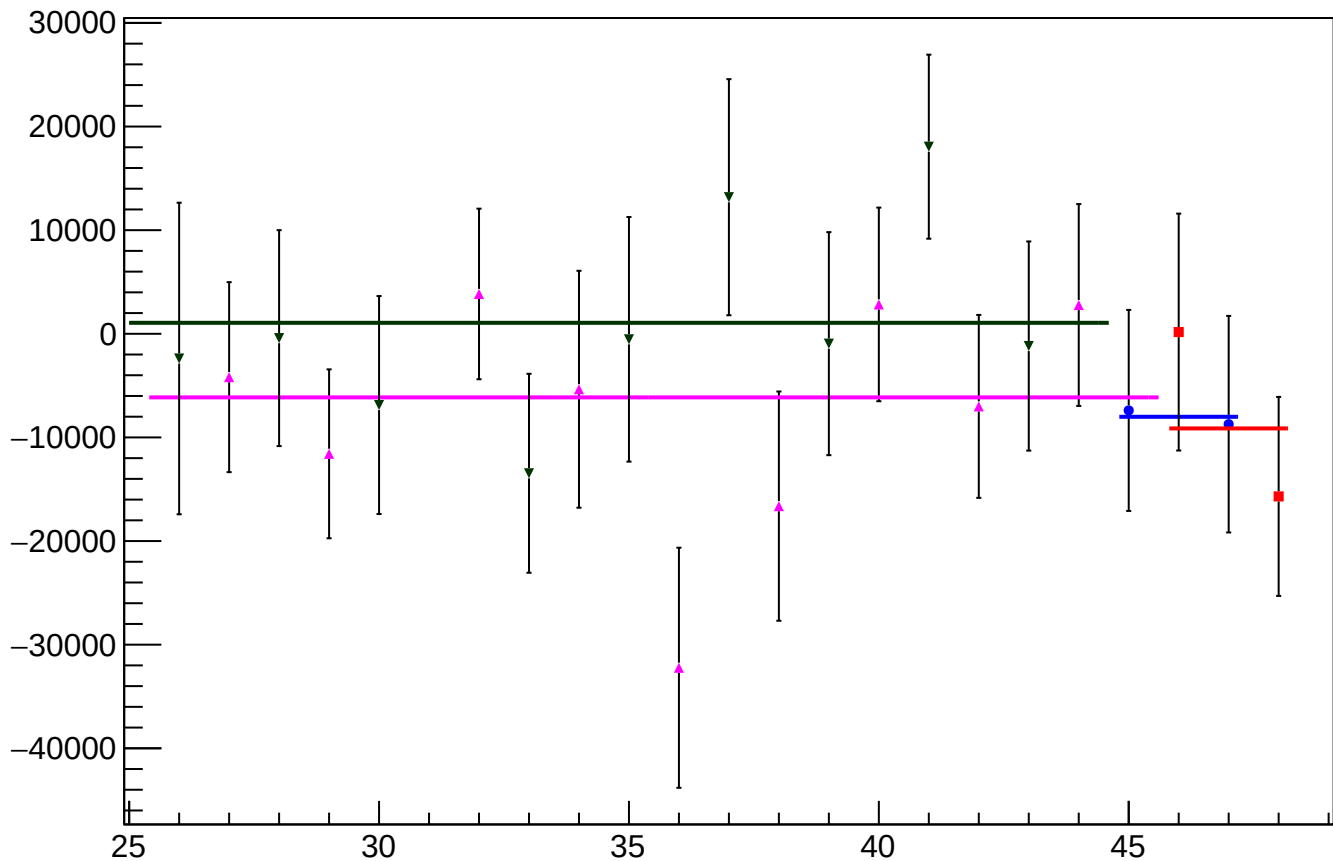
Right Out: 1167.786+/-1.016 χ^2/NDF : 107503.2/1

Left In: 1320.223+/-0.405 χ^2/NDF : 342759.8/8

1319.196+/-0.400 χ^2/NDF : 453207.6/10

1299.346+/-0.376 χ^2/NDF : 469692.4/10

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

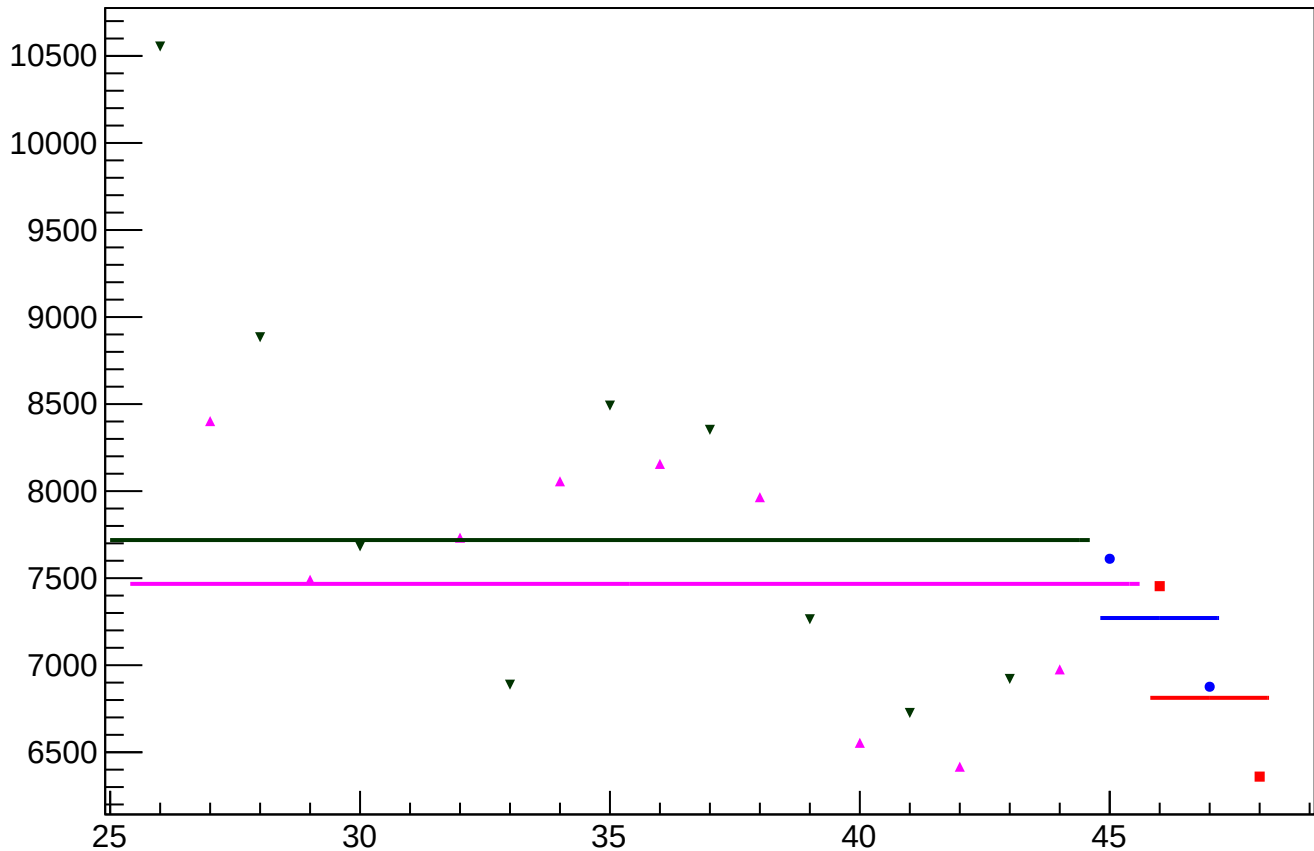
Right Out: -9131.660+/-7352.315 χ^2 /NDF: 1.1/1

Left In: -6136.125+/-3165.179 χ^2 /NDF:9.7/8

-746.396+/-3172.868 χ^2 /NDF: 9.1/10

-6604.489+/-2907.223 χ^2 /NDF: 11.0/10

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

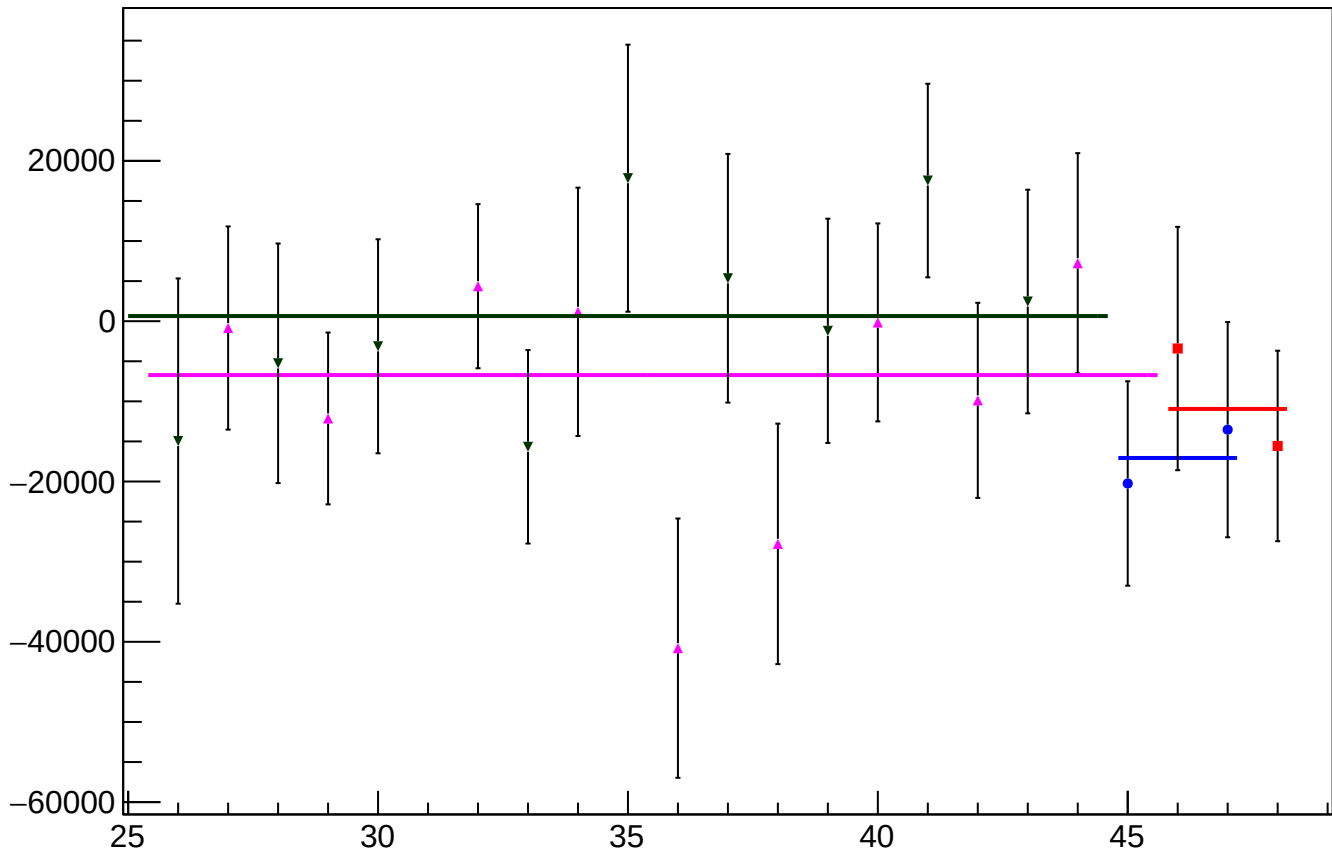
7629.699+/-2.244 χ^2/NDF : 178658.9/10

Right Out: 6812.602+/-5.199 χ^2/NDF : 10742.0/1

7364.842+/-2.056 χ^2/NDF : 115965.1/10

Left In: 7467.189+/-2.238 χ^2/NDF : 91848.7/8

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

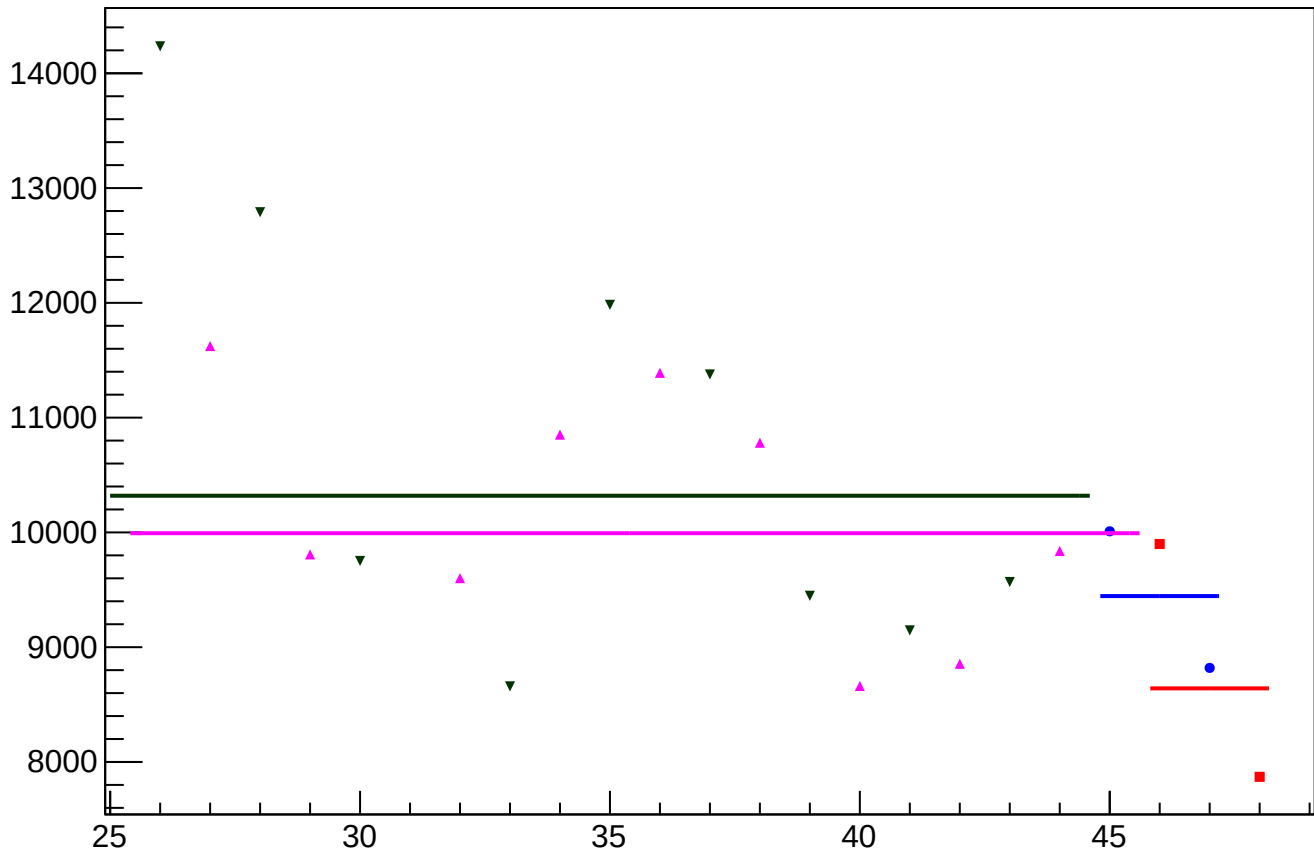
-3061.570+/-4227.840 χ^2/NDF : 8.8/10

Right Out: -10946.635+/-9357.462 χ^2/NDF : 0.4/1

-7442.516+/-3865.091 χ^2/NDF : 10.3/10

Left In: -6721.702+/-4244.047 χ^2/NDF : 9.7/8

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

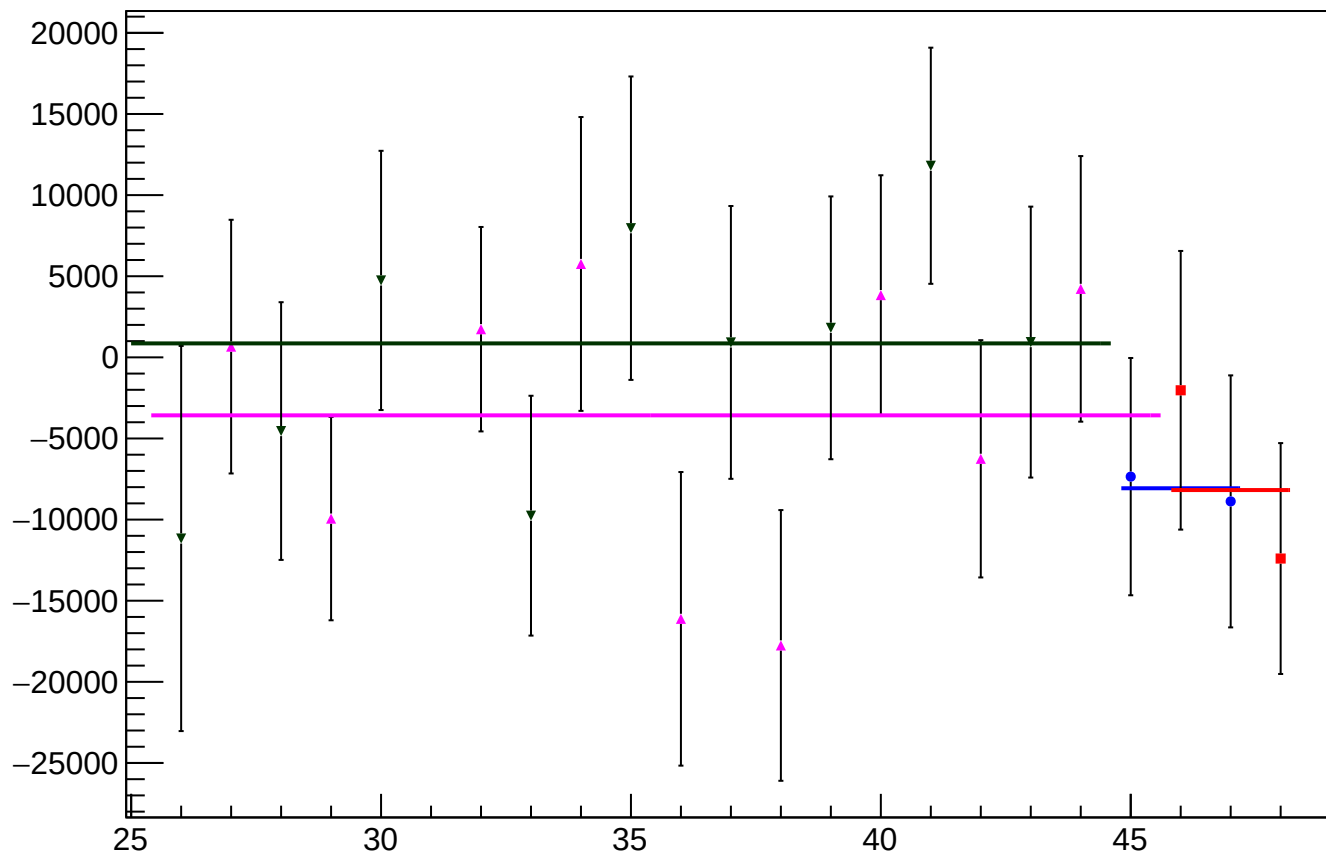
10136.745+/-2.990 χ^2/NDF : 254674.3/10

Right Out: 8641.188+/-6.617 χ^2/NDF : 22142.5/1

9762.464+/-2.733 χ^2/NDF : 160978.1/10

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

cor_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

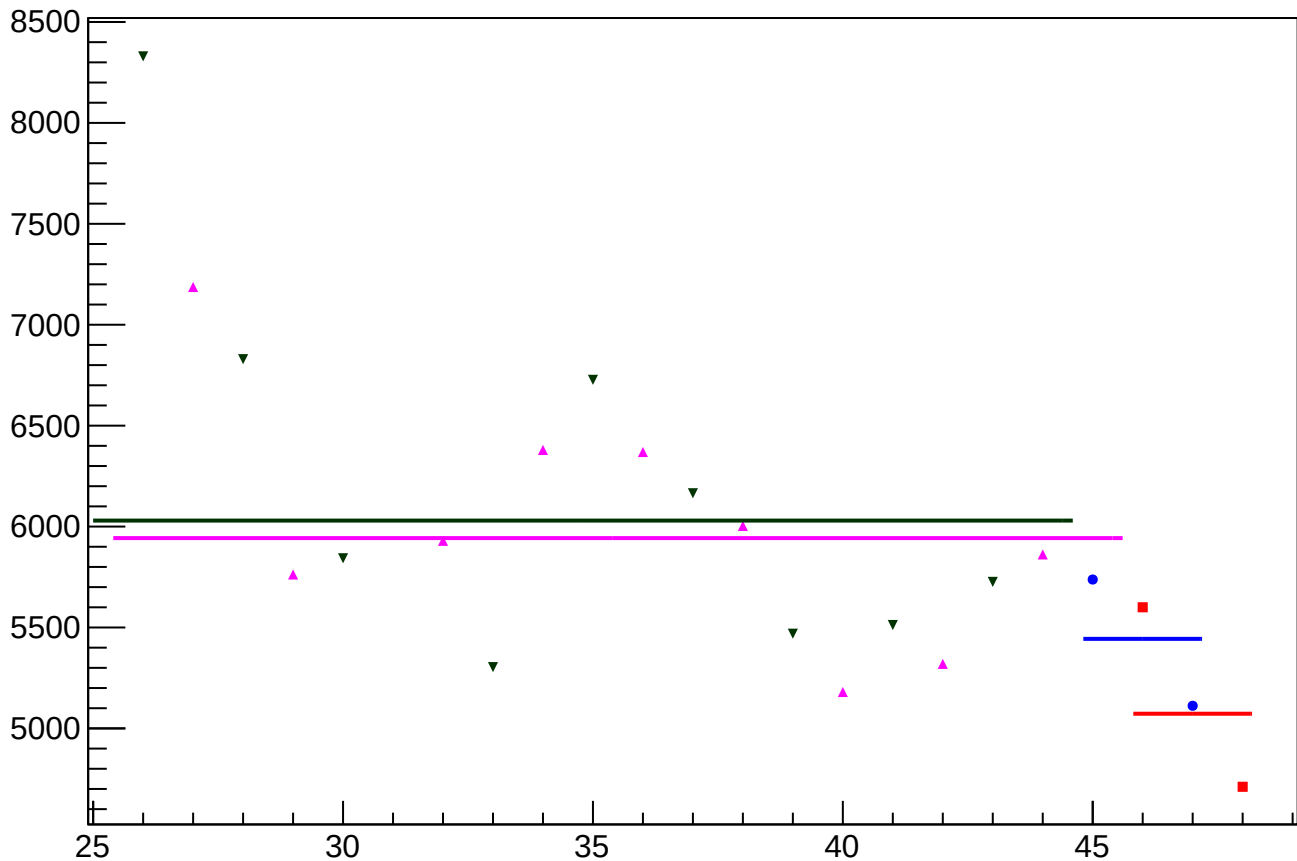
Right Out: -8179.056 $\pm$ 5478.947 χ^2 /NDF: 0.9/1

Left In: -3574.359 $\pm$ 2517.724 χ^2 /NDF: 10.0/8

-1034.369 $\pm$ 2452.513 χ^2 /NDF: 8.9/10

-4377.182 $\pm$ 2287.739 χ^2 /NDF: 11.4/10

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

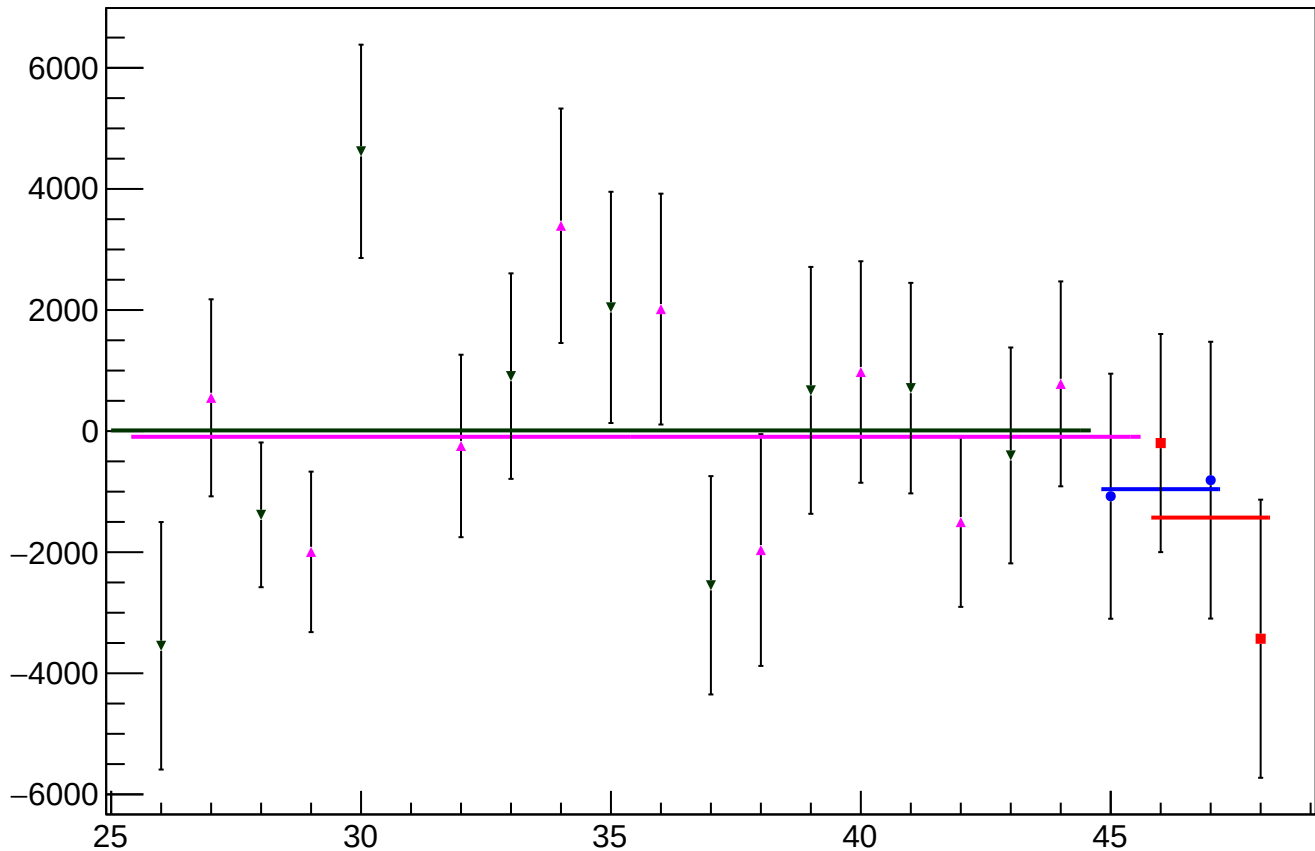
Right Out: 5072.766+/-3.874 χ^2/NDF : 12719.7/1

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5905.347+/-1.734 χ^2/NDF : 175708.0/10

5791.180+/-1.618 χ^2/NDF : 151921.4/10

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

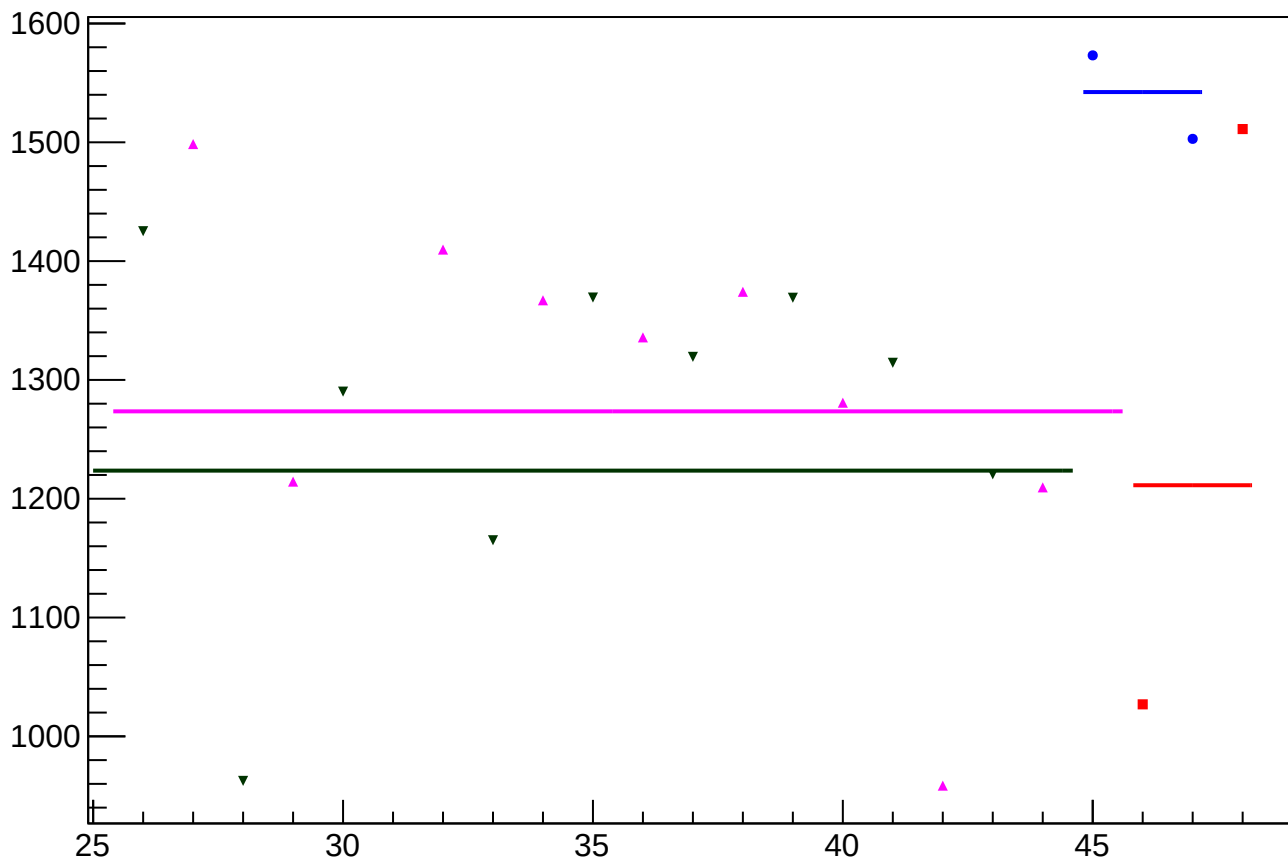
Right Out: -1428.383+/-1417.602 χ^2/NDF : 1.2/1

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

-108.939+/-533.658 χ^2/NDF : 15.3/10

-266.081+/-509.135 χ^2/NDF : 11.3/10

cor_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

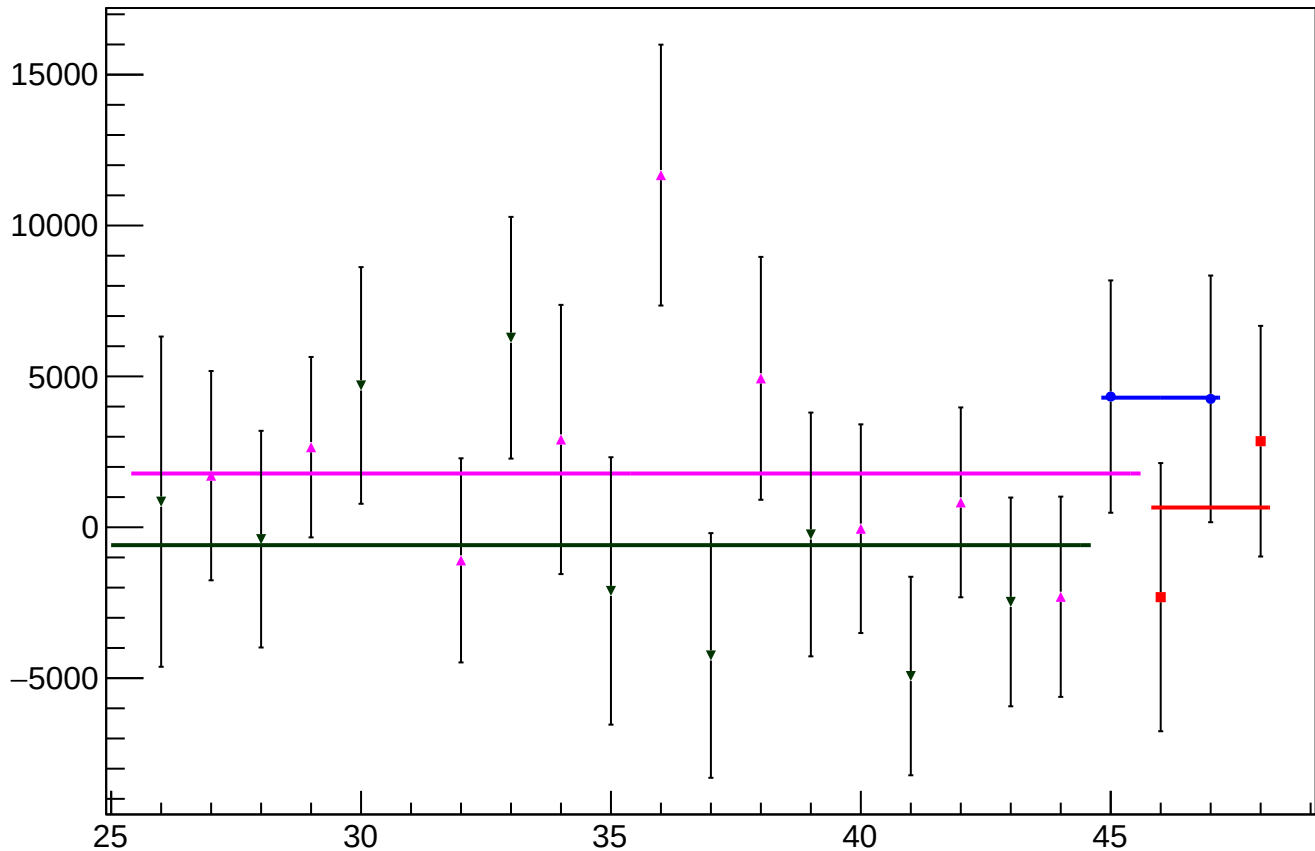
Right Out: 1211.359 ± 1.002 χ^2/NDF : 55024.2/1

Left In: 1273.541 ± 0.386 χ^2/NDF : 174992.2/8

1263.172 ± 0.377 χ^2/NDF : 231552.9/10

1265.520 ± 0.360 χ^2/NDF : 233368.2/10

cor_sam6_mean vs slug



Right In: 4295.449 $\pm$ 2802.283 χ^2/NDF : 0.0/1

Left Out: -592.543 $\pm$ 1304.748 χ^2/NDF : 7.8/8

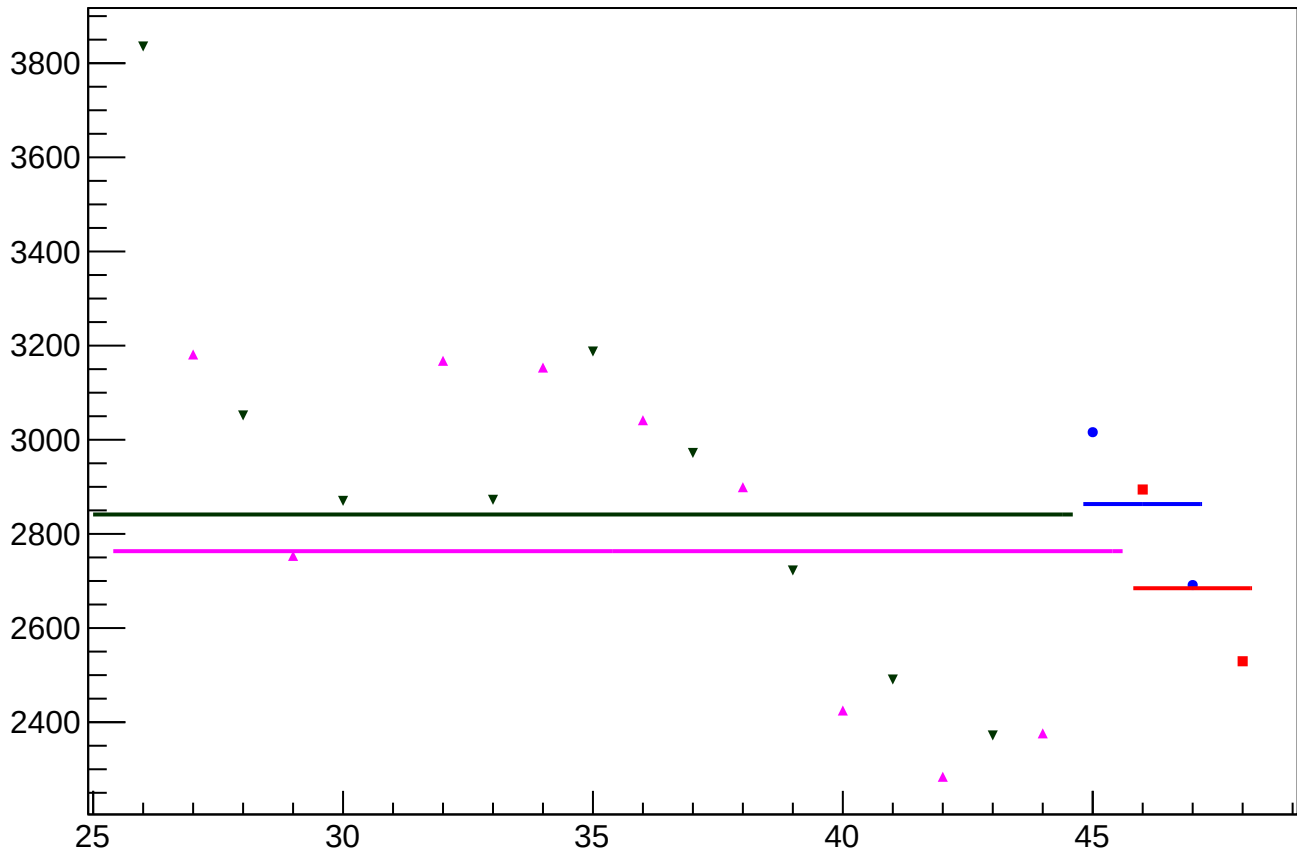
Right Out: 655.134 $\pm$ 2897.503 χ^2/NDF : 0.8/1

Left In: 1782.022 $\pm$ 1175.711 χ^2/NDF : 8.6/8

278.312 $\pm$ 1182.823 χ^2/NDF : 10.3/10

1622.713 $\pm$ 1089.440 χ^2/NDF : 9.5/10

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

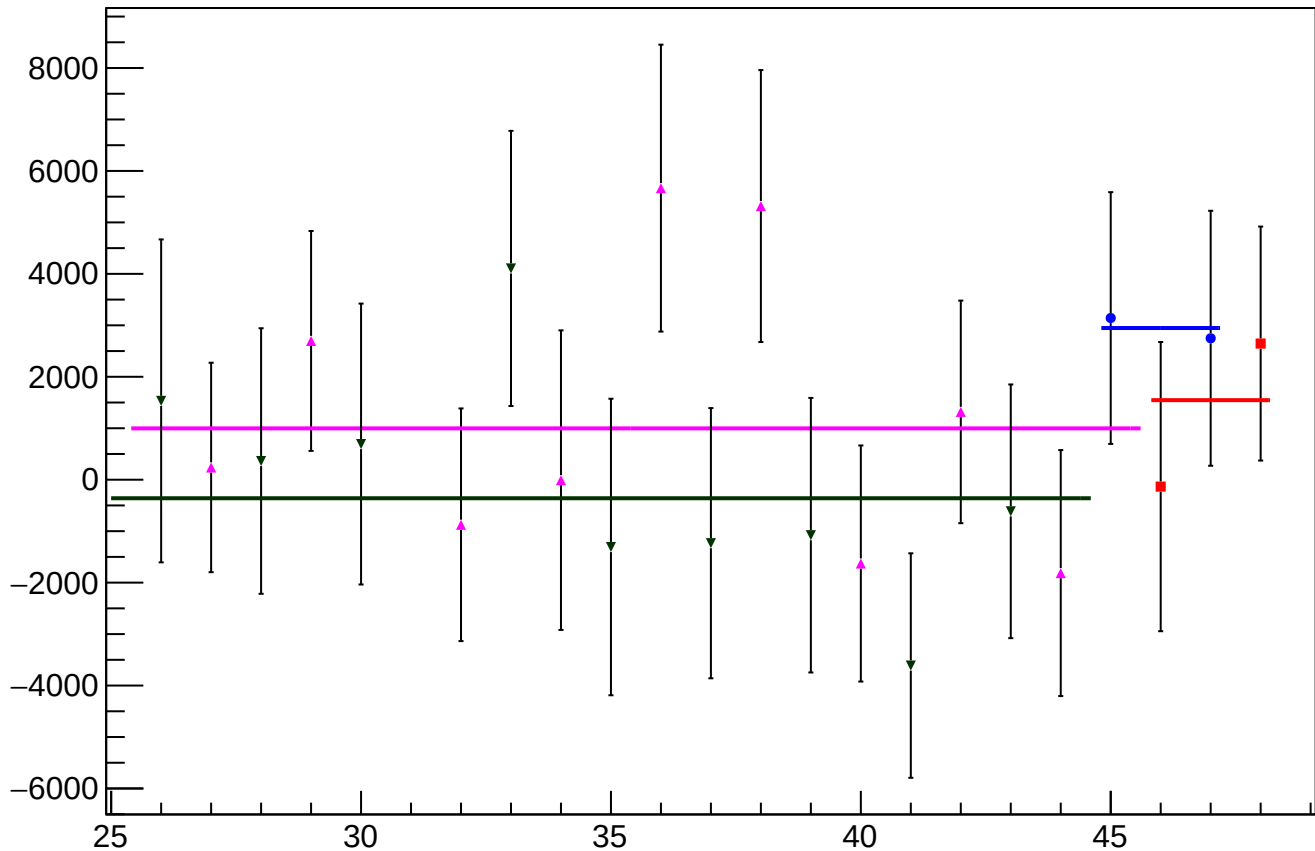
2845.215+/-0.836 χ^2/NDF : 155493.2/10

Right Out: 2684.596+/-2.049 χ^2/NDF : 7751.3/1

2752.201+/-0.770 χ^2/NDF : 185325.1/10

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

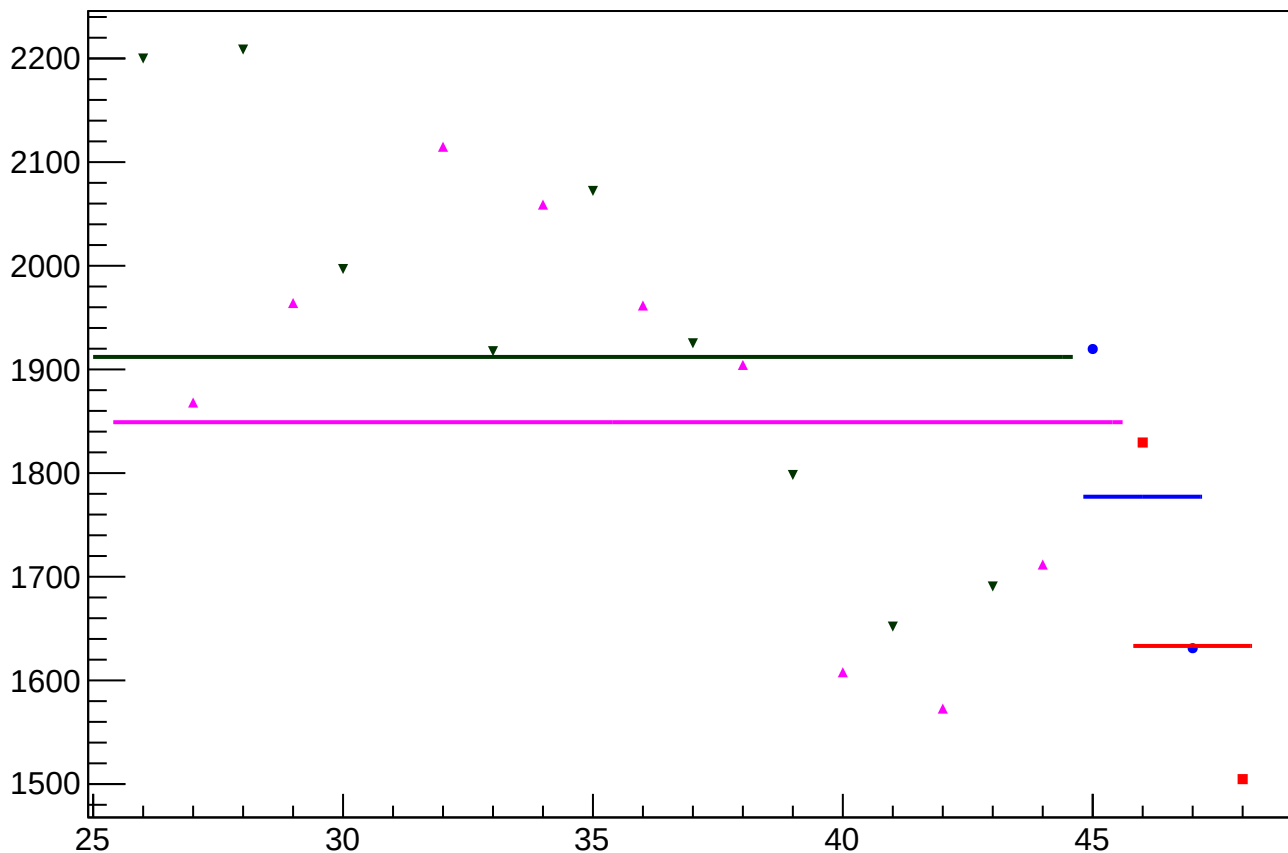
Right Out: 1545.763+/-1767.401 χ^2/NDF : 0.6/1

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

306.795+/-781.602 χ^2/NDF : 8.8/10

1087.702+/-716.992 χ^2/NDF : 10.4/10

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

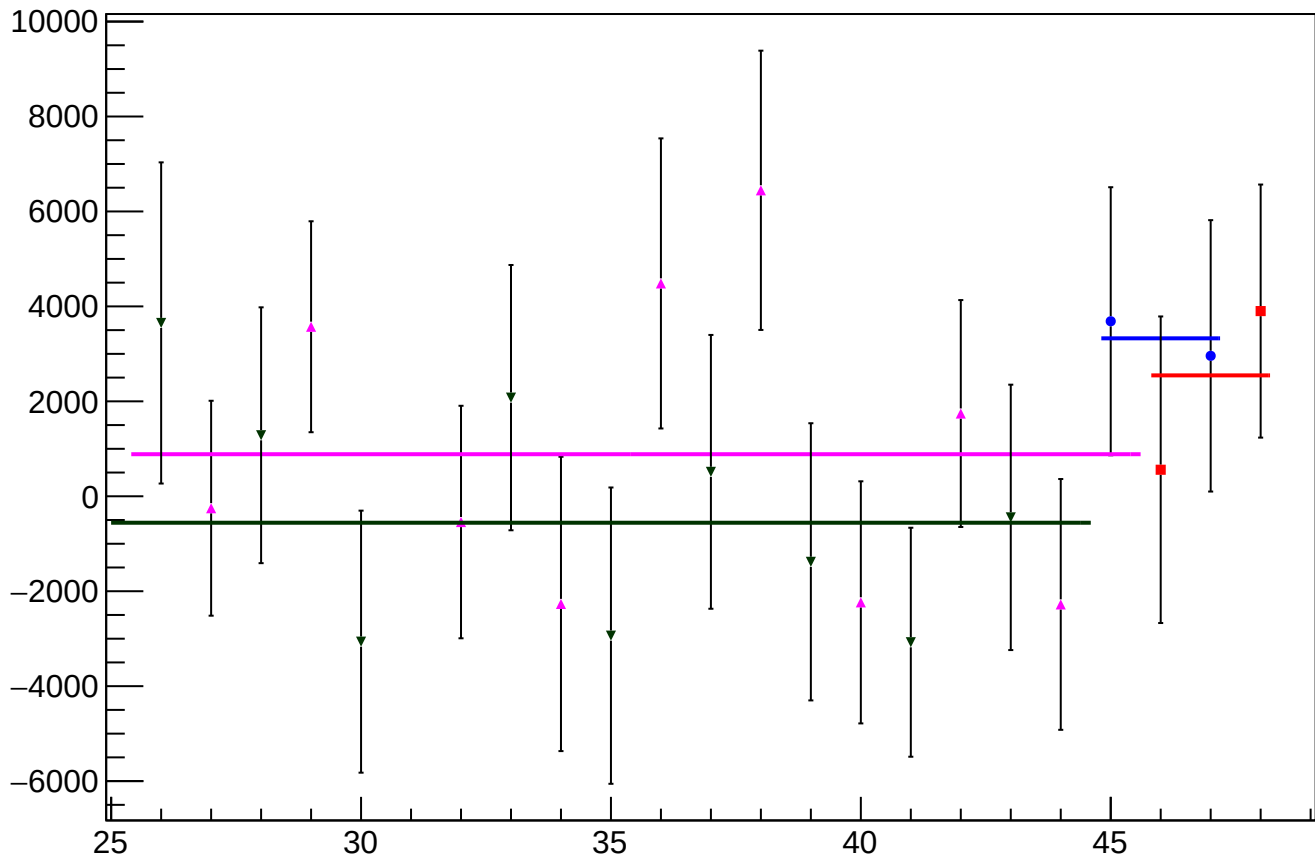
Right Out: 1633.257+/-1.250 χ^2/NDF : 16144.7/1

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1884.870+/-0.553 χ^2/NDF : 122996.6/10

1813.577+/-0.507 χ^2/NDF : 150564.9/10

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

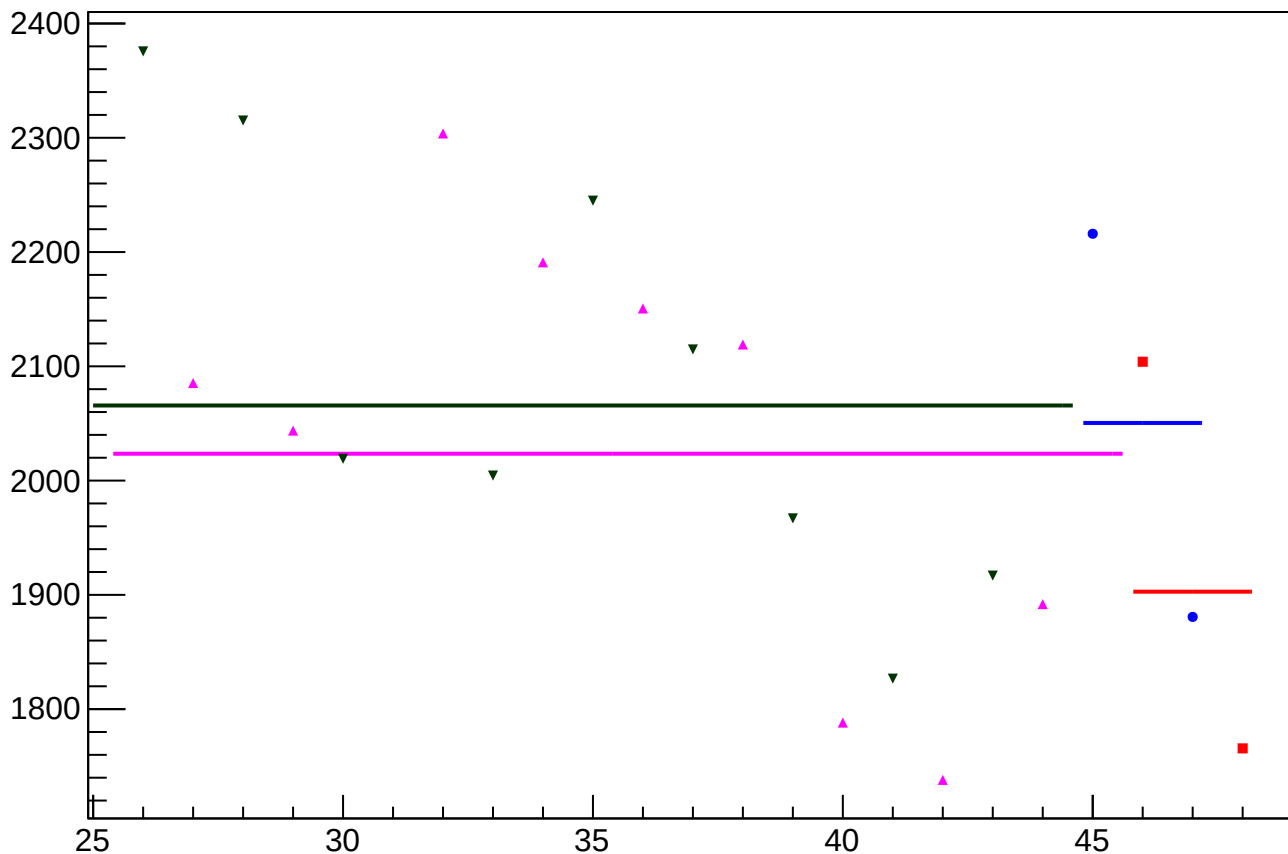
Right Out: 2546.746+/-2055.598 χ^2/NDF : 0.6/1

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

144.190+/-853.592 χ^2/NDF : 8.7/10

1131.777+/-790.566 χ^2/NDF : 12.3/10

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

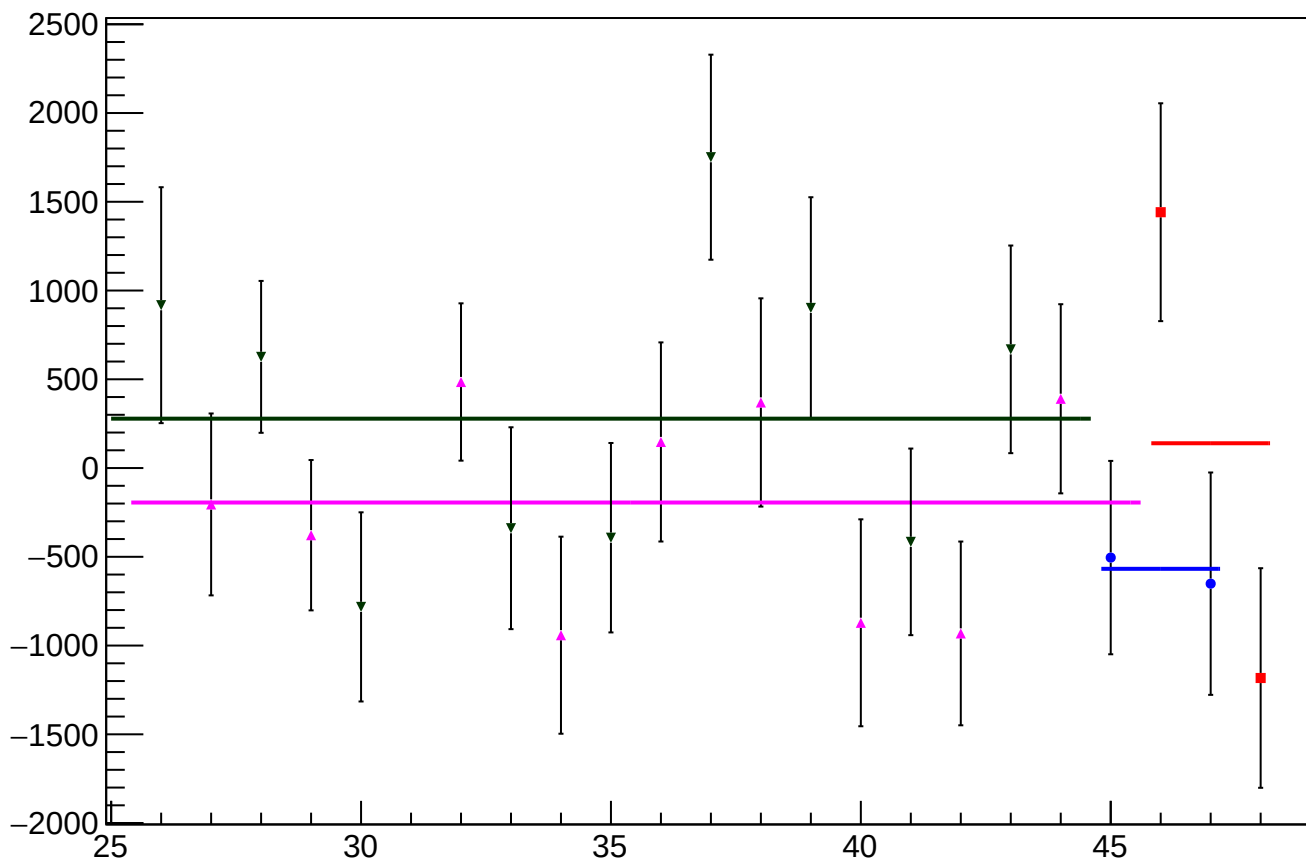
Right Out: 1902.788+/-1.454 χ^2/NDF : 13060.5/1

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

2062.971+/-0.604 χ^2/NDF : 84255.6/10

2005.661+/-0.559 χ^2/NDF : 108714.8/10

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

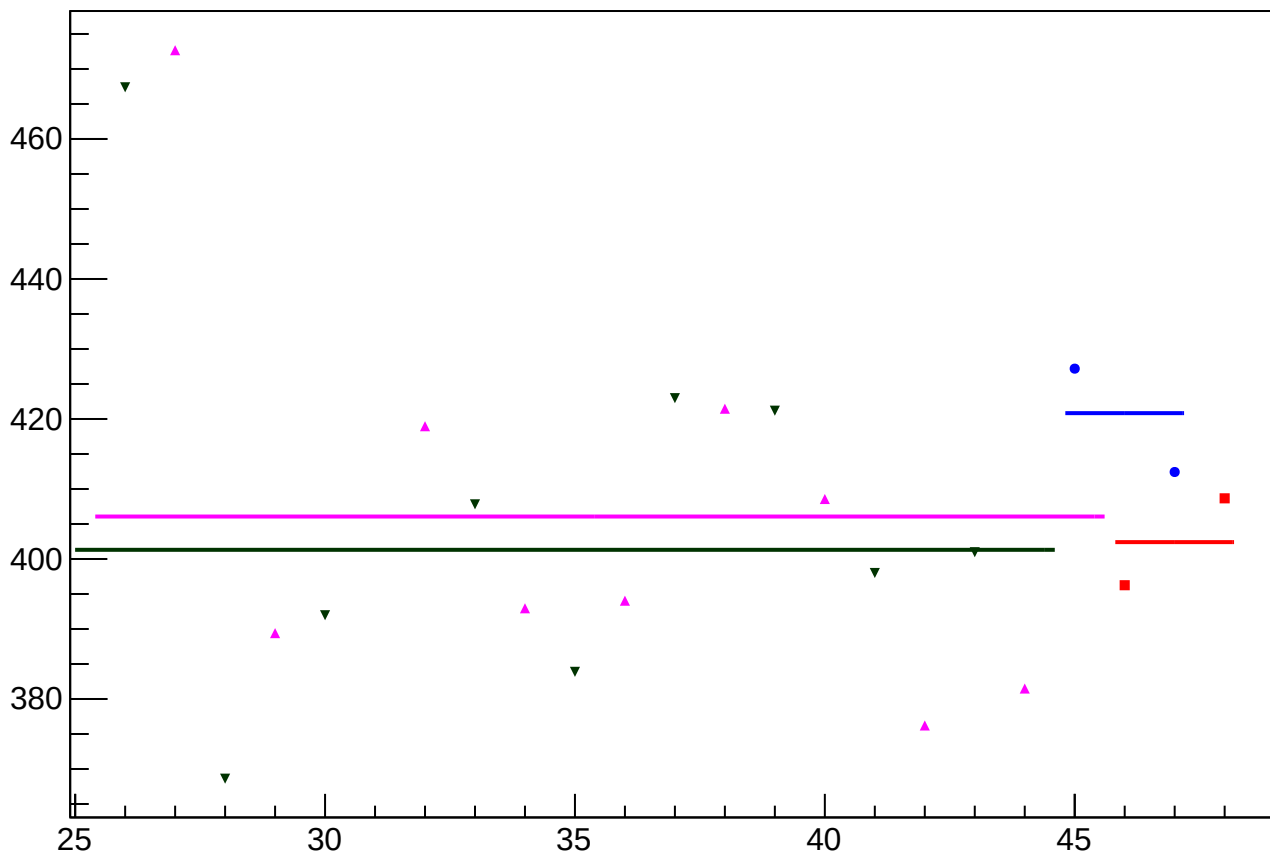
Right Out: 139.643 $\pm$ 435.626 χ^2 /NDF: 9.1/1

Left In: -194.244 $\pm$ 171.477 χ^2 /NDF:10.2/8

138.640 $\pm$ 166.926 χ^2 /NDF: 21.6/10

-149.450 $\pm$ 159.560 χ^2 /NDF: 19.8/10

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

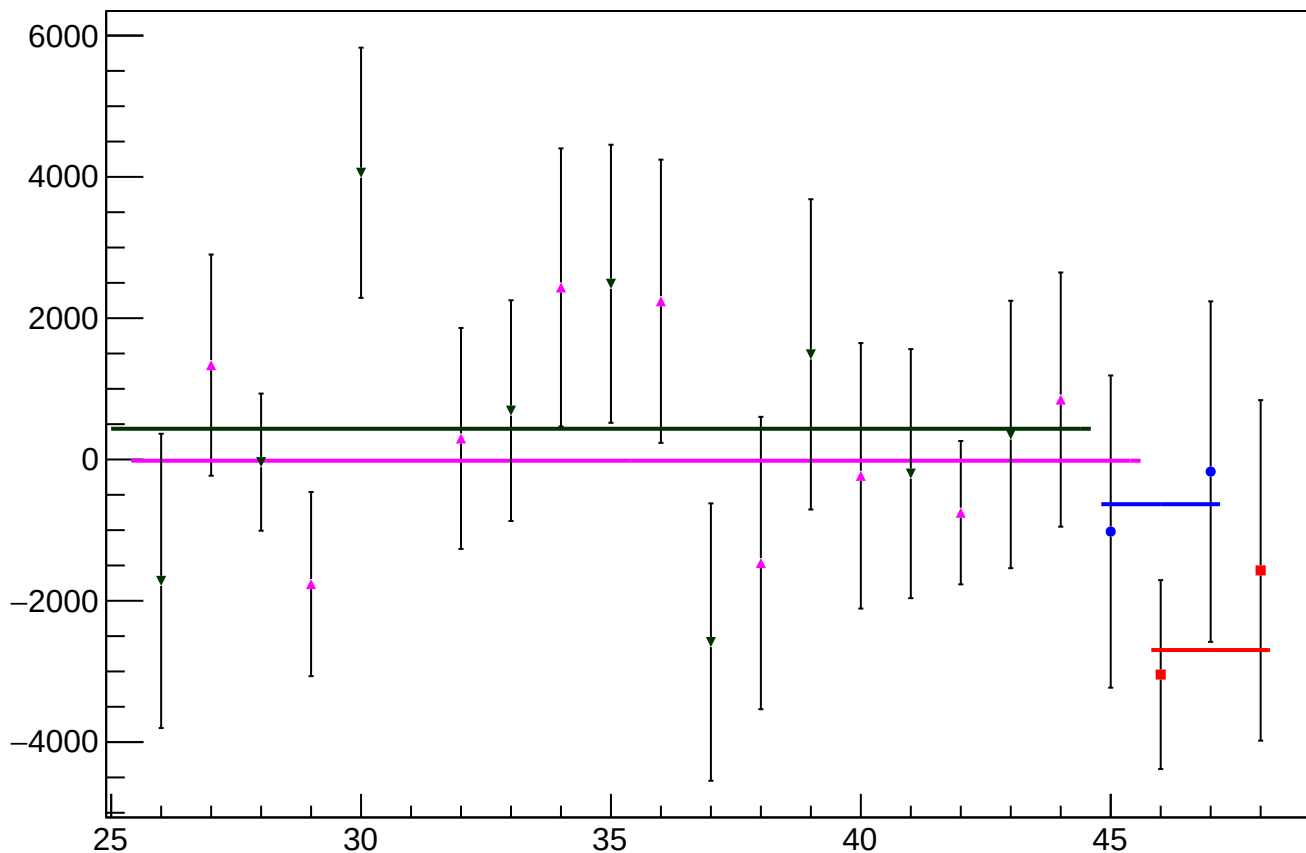
Right Out: 402.410 ± 0.308 χ^2/NDF : 406.0/1

Left In: 406.066 ± 0.121 χ^2/NDF : 52953.2/8

404.530 ± 0.118 χ^2/NDF : 43790.0/10

405.575 ± 0.113 χ^2/NDF : 53481.2/10

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

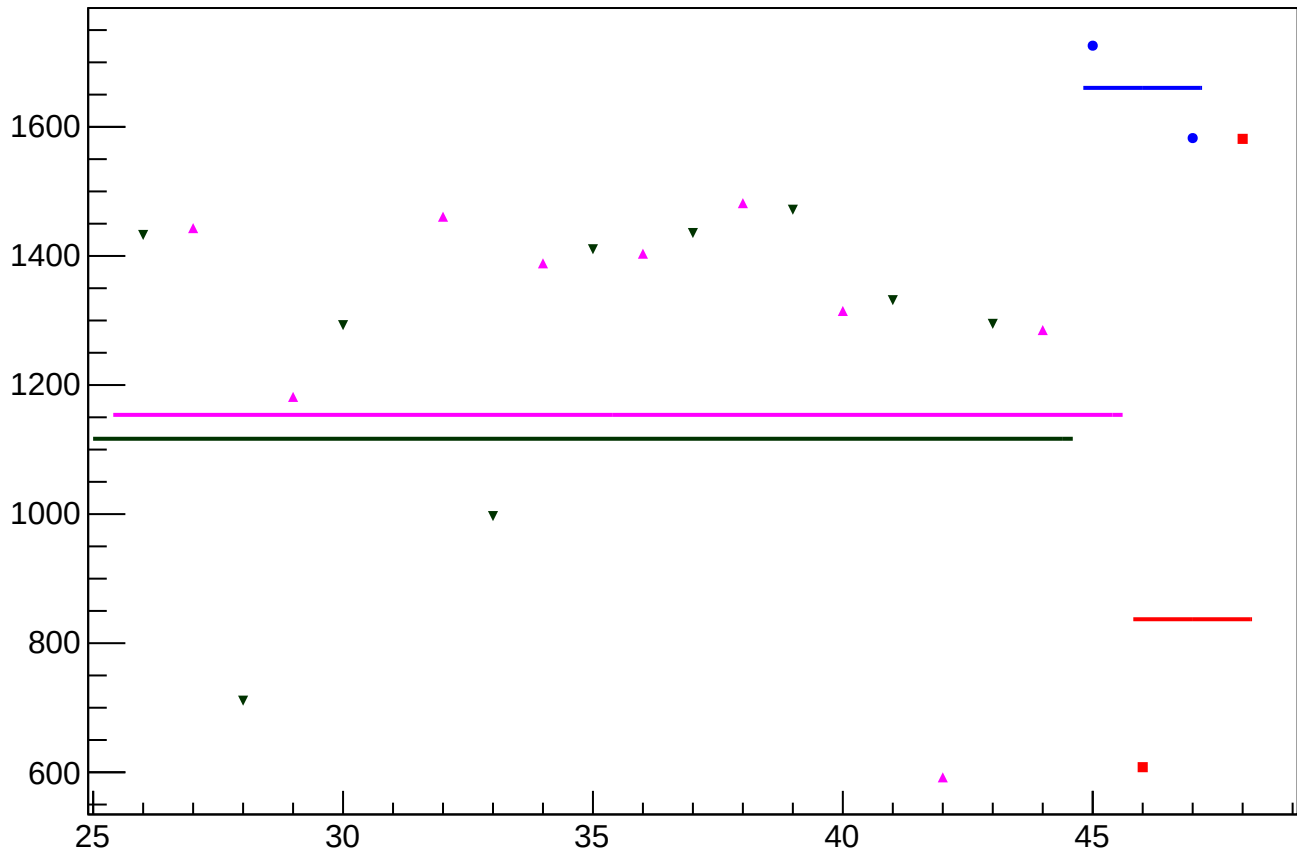
Right Out: -2696.967+/-1169.306 χ^2/NDF : 0.3/1

Left In: -17.108+/-519.136 χ^2/NDF : 6.7/8

326.834+/-518.173 χ^2/NDF : 9.8/10

-458.357+/-474.476 χ^2/NDF : 11.3/10

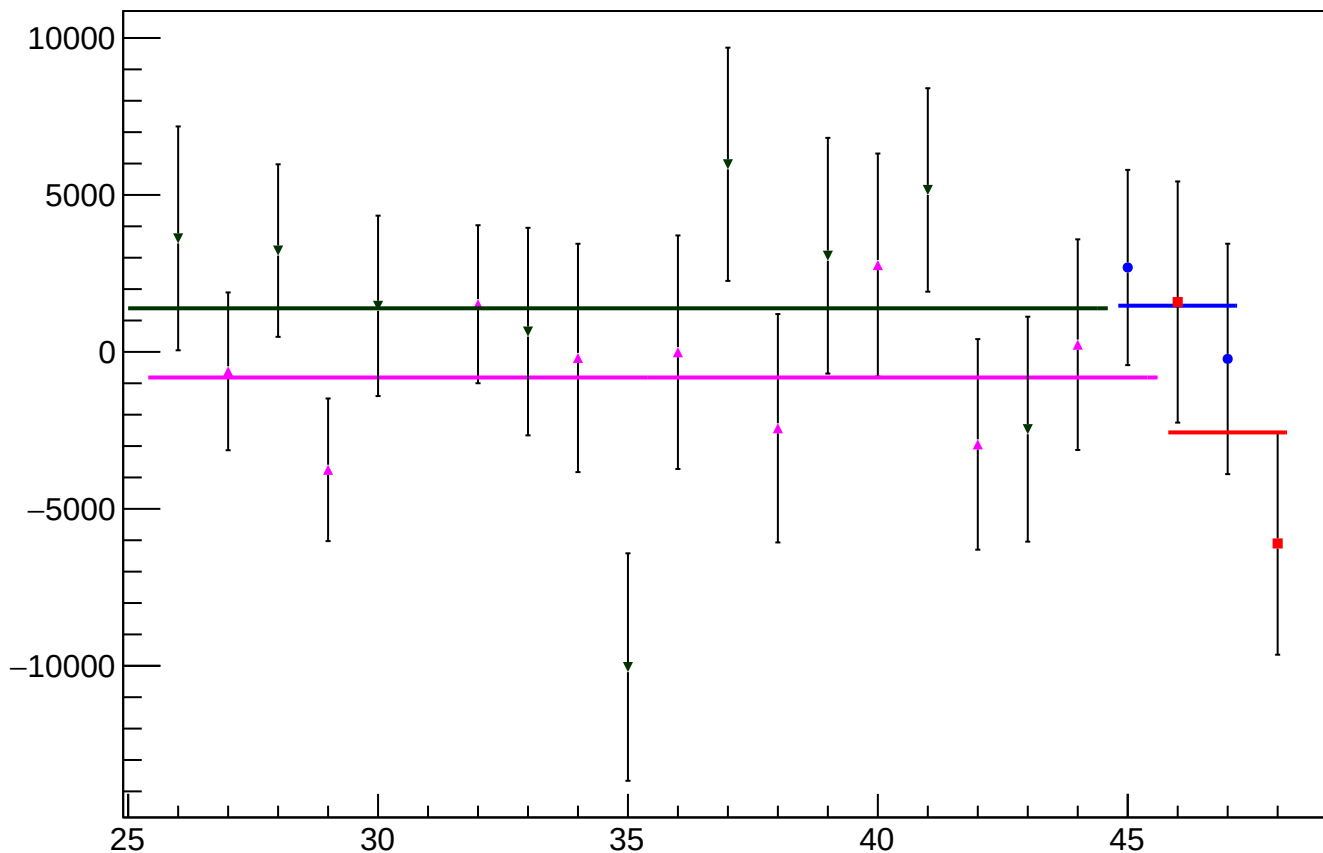
asym_sam1_correction_rms vs slug



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: 837.102+/-0.827 χ^2/NDF : 249566.5/1
 Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

1171.792+/-0.366 χ^2/NDF : 828270.4/10
 1101.642+/-0.336 χ^2/NDF : 1266530.4/10

reg_asym_sam2_mean vs slug



Right In: 1471.710+/-2372.524 χ^2/NDF : 0.4/1

Left Out: 1388.791+/-1106.824 χ^2/NDF : 15.1/8

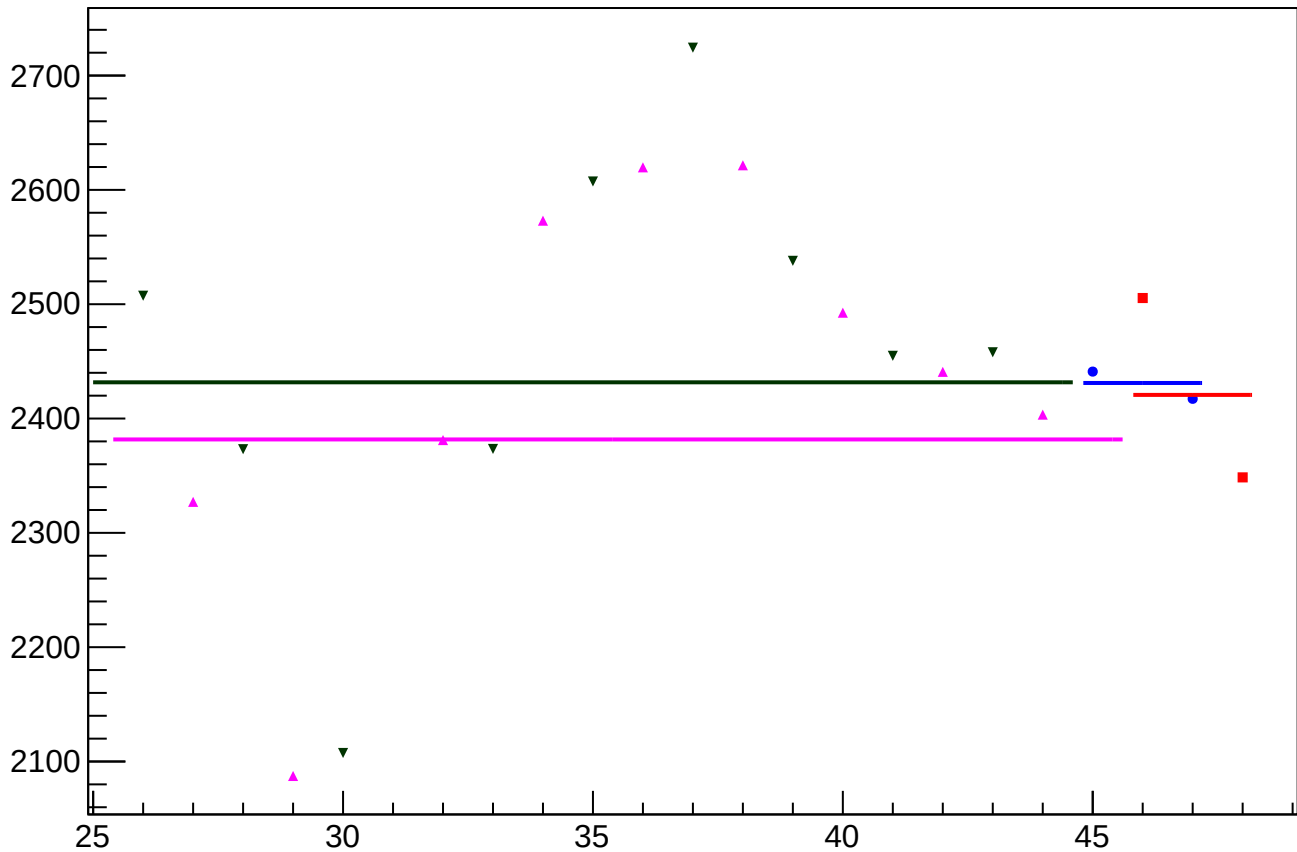
Right Out: -2565.457+/-2604.850 χ^2/NDF : 2.2/1

Left In: -815.233+/-1004.854 χ^2/NDF : 4.3/8

1403.612+/-1003.043 χ^2/NDF : 15.4/10

-1041.951+/-937.515 χ^2/NDF : 6.9/10

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

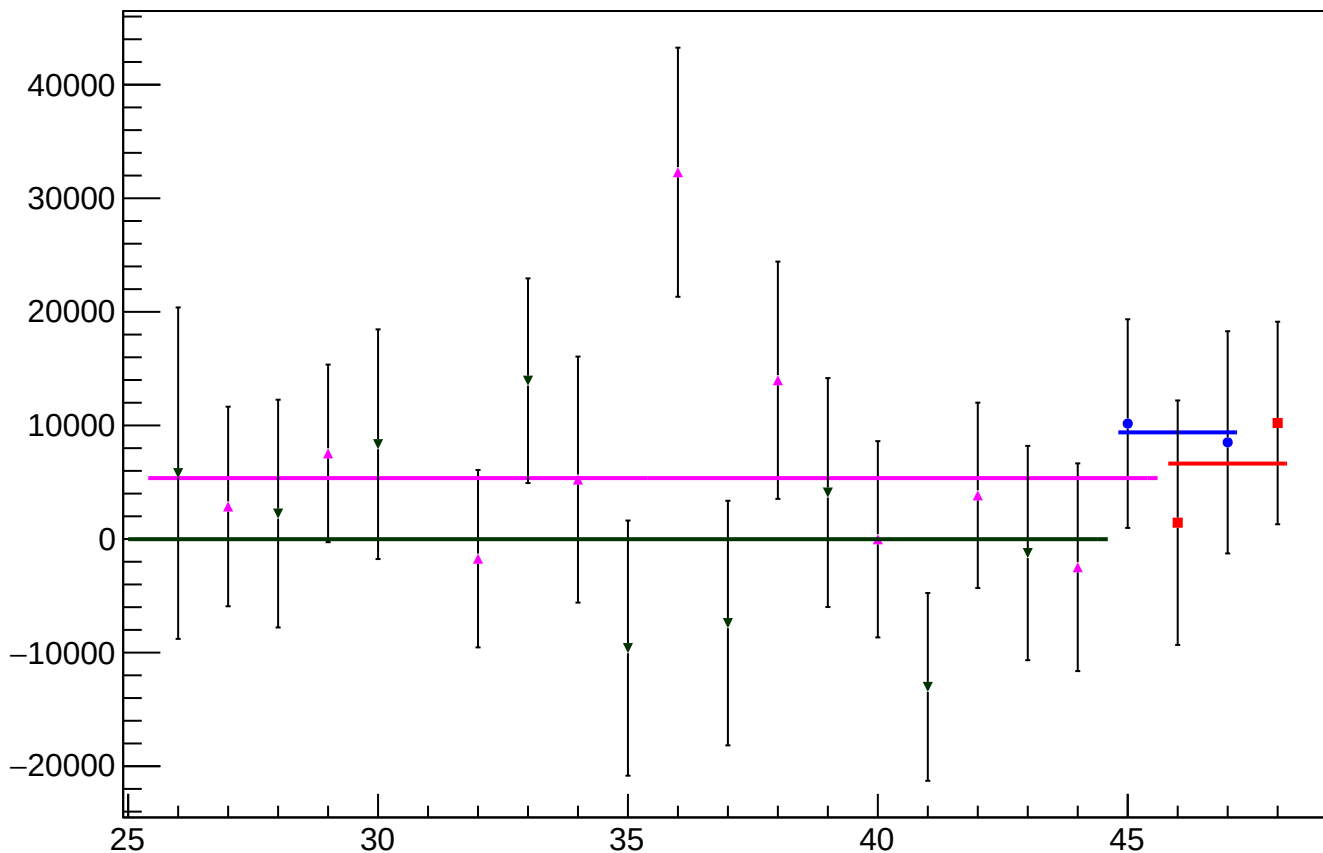
2431.579+/-0.709 χ^2/NDF : 46868.6/10

Right Out: 2420.670+/-1.842 χ^2/NDF : 1802.0/1

2386.756+/-0.663 χ^2/NDF : 61780.3/10

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

asym_sam2_correction_mean vs slug



Right In: 9390.144+/-6695.987 χ^2/NDF : 0.0/1

Left Out: -13.656+/-3351.634 χ^2/NDF : 7.1/8

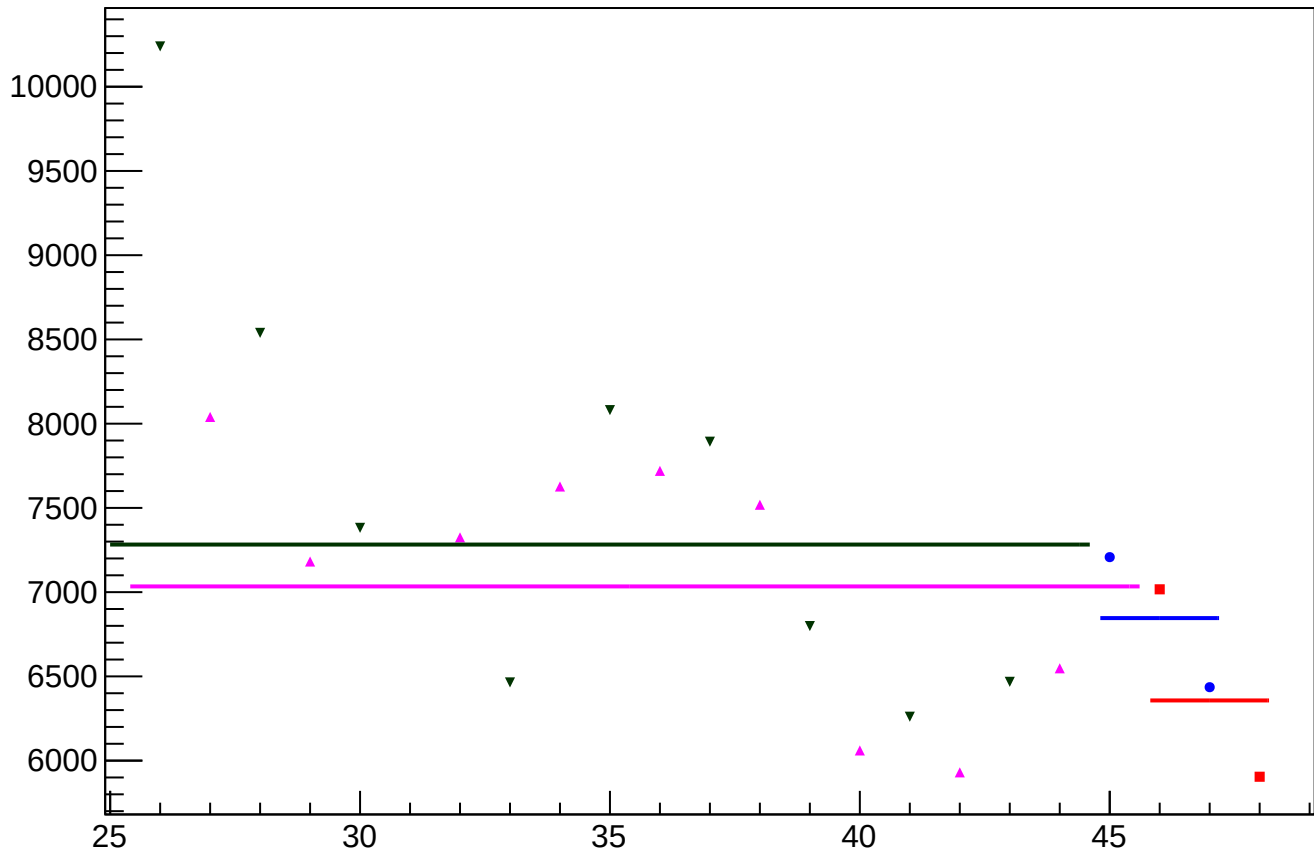
Right Out: 6642.718+/-6866.166 χ^2/NDF : 0.4/1

Left In: 5363.340+/-2986.715 χ^2/NDF : 8.9/8

1870.376+/-2997.140 χ^2/NDF : 8.7/10

5566.902+/-2738.819 χ^2/NDF : 9.3/10

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

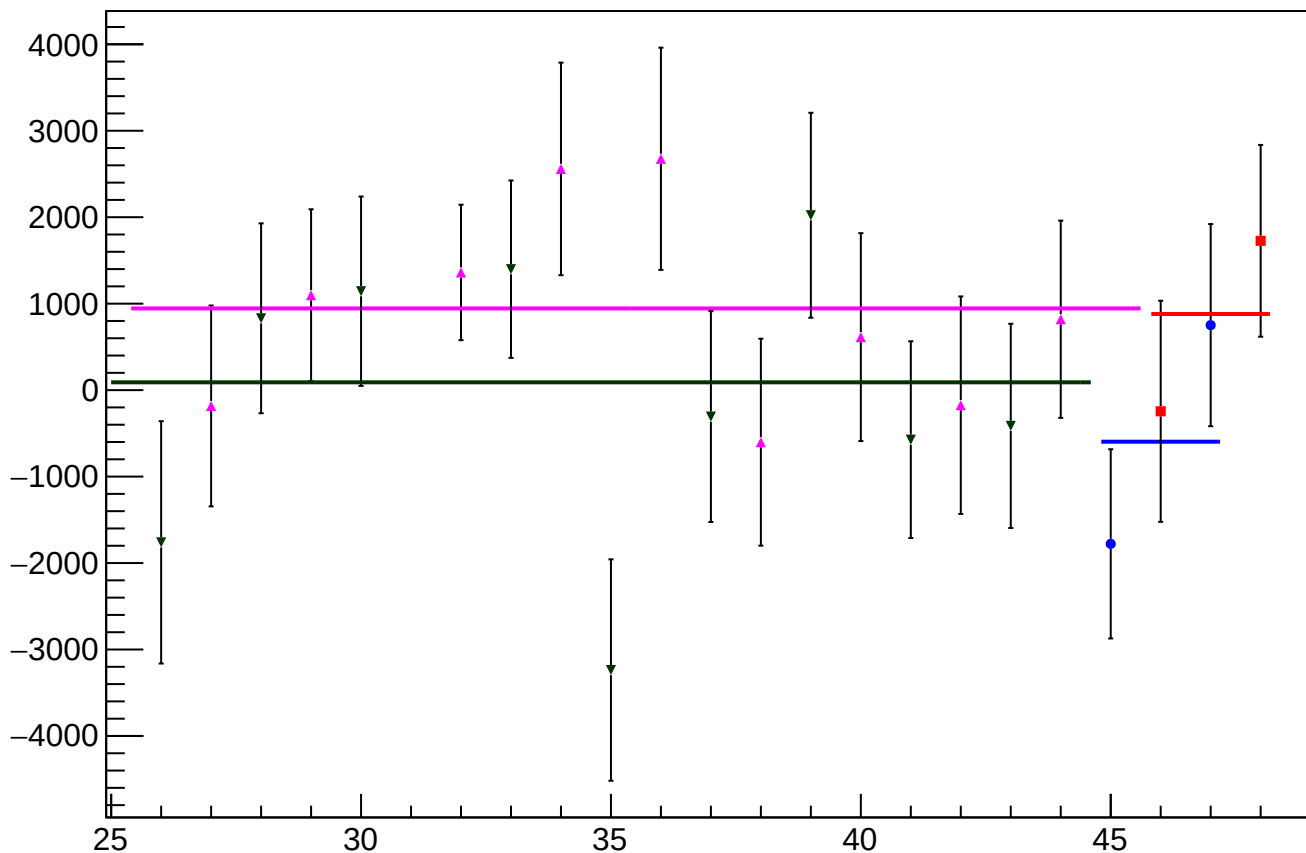
Right Out: 6357.221 ± 4.855 χ^2/NDF : 12671.2/1

Left In: 7034.023 ± 2.112 χ^2/NDF : 115477.2/8

7195.038 ± 2.119 χ^2/NDF : 210274.6/10

6926.337 ± 1.937 χ^2/NDF : 144488.8/10

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

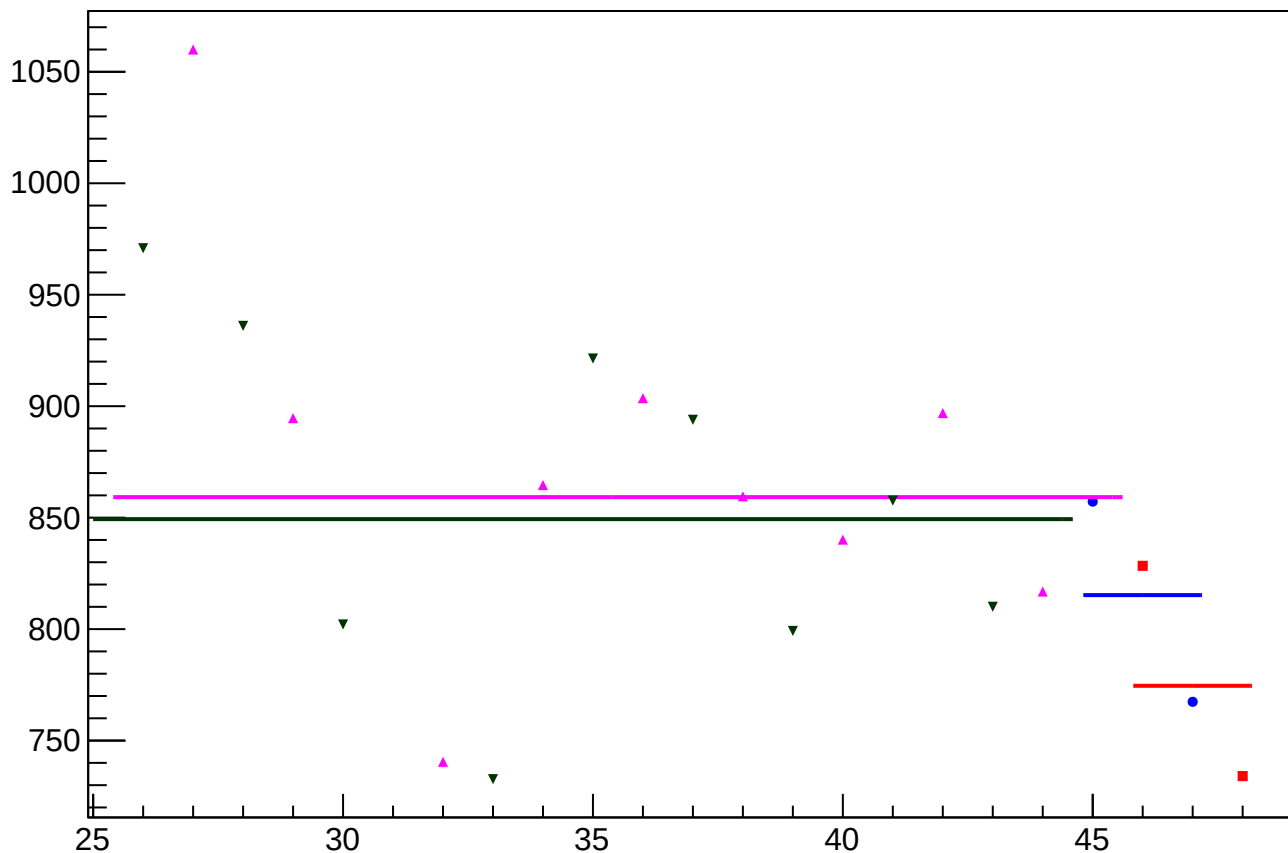
Right Out: 880.218+/-837.819 χ^2/NDF : 1.4/1

Left In: 944.816+/-366.628 χ^2/NDF : 7.3/8

-41.349+/-349.805 χ^2/NDF : 17.9/10

934.434+/-335.877 χ^2/NDF : 8.7/10

reg_asym_sam3_rms vs slug



Right In: 815.255+/-0.565 χ^2/NDF : 6290.1/1

Left Out: 849.335+/-0.275 χ^2/NDF : 71988.4/8

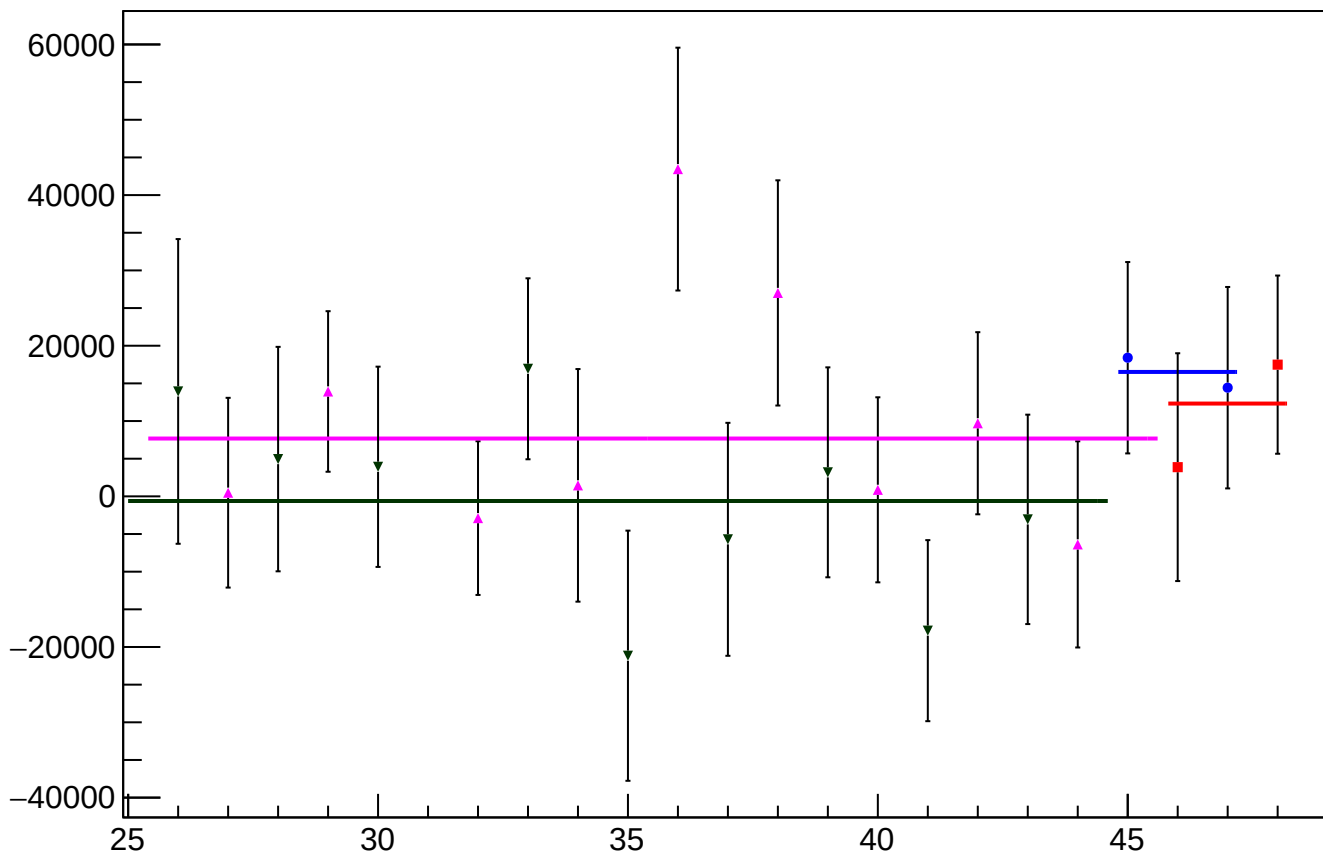
Right Out: 774.575+/-0.592 χ^2/NDF : 6211.5/1

Left In: 859.215+/-0.259 χ^2/NDF : 115716.9/8

842.800+/-0.247 χ^2/NDF : 81220.4/10

845.612+/-0.238 χ^2/NDF : 139059.7/10

asym_sam3_correction_mean vs slug



Right In: 16519.630 ± 9210.701 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -616.435 ± 4735.998 $\chi^2/\text{NDF}: 6.7/8$

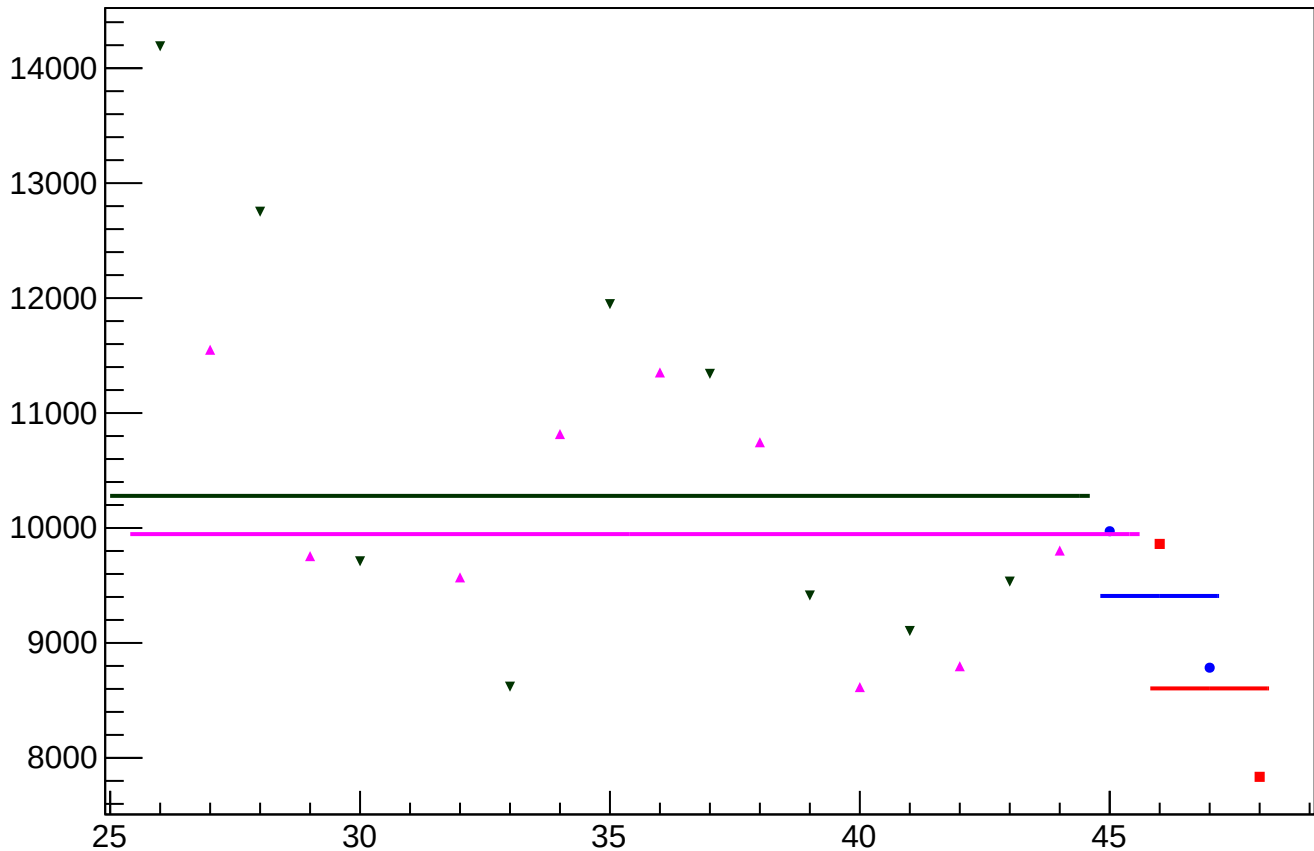
Right Out: 12320.568 ± 9318.048 $\chi^2/\text{NDF}: 0.5/1$

Left In: 7678.057 ± 4224.700 $\chi^2/\text{NDF}: 9.9/8$

2966.750 ± 4211.839 $\chi^2/\text{NDF}: 9.5/10$

8469.656 ± 3847.699 $\chi^2/\text{NDF}: 10.6/10$

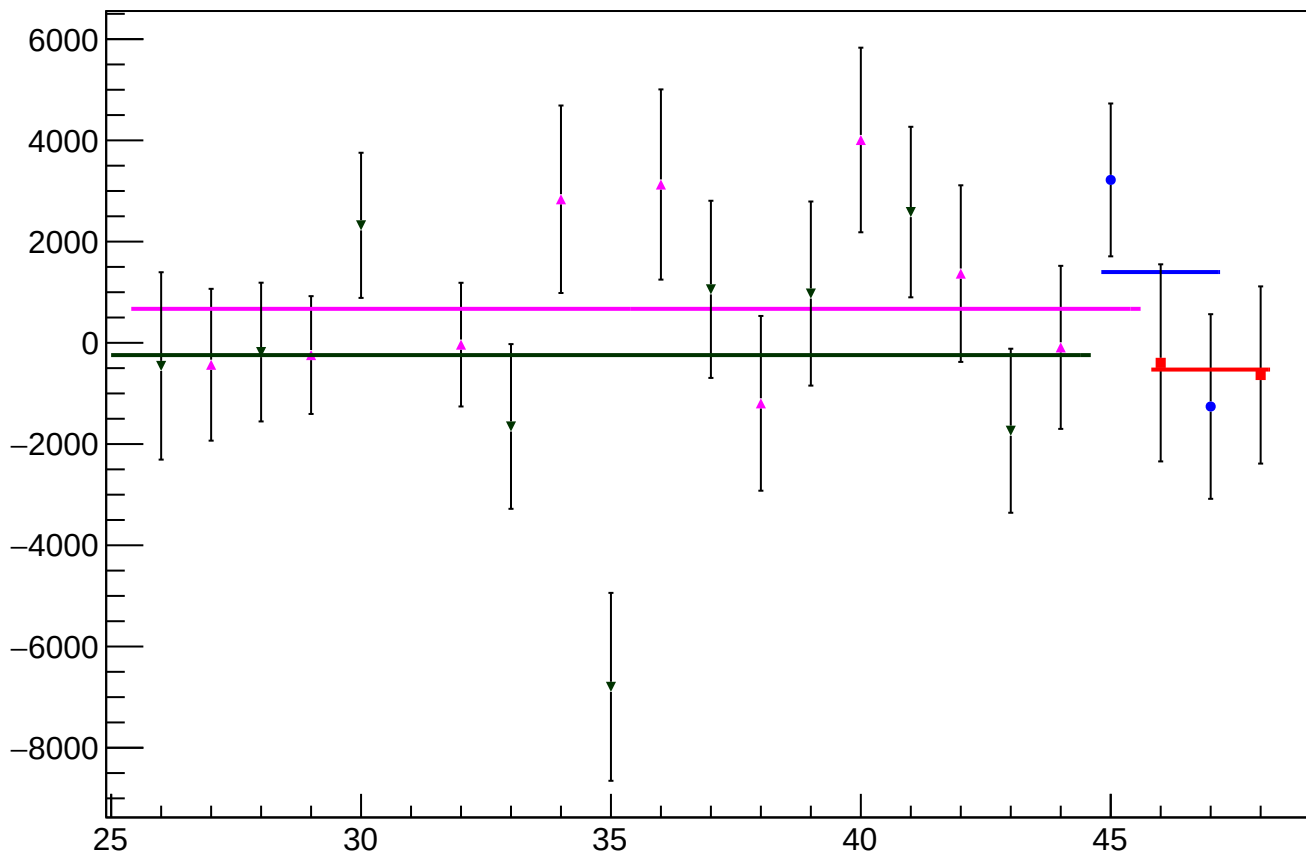
asym_sam3_correction_rms vs slug



Right In: 9408.802+/-6.513 χ^2/NDF : 8286.3/1
 Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8
 Right Out: 8604.473+/-6.589 χ^2/NDF : 22269.8/1
 Left In: 9946.833+/-2.987 χ^2/NDF : 104837.7/8

10097.350+/-2.978 χ^2/NDF : 256254.0/10
 9717.945+/-2.721 χ^2/NDF : 161536.8/10

reg_asym_sam4_mean vs slug



Right In: 1398.348 $\pm$ 1163.128 χ^2 /NDF: 3.6/1

Left Out: -242.182 $\pm$ 547.136 χ^2 /NDF:21.1/8

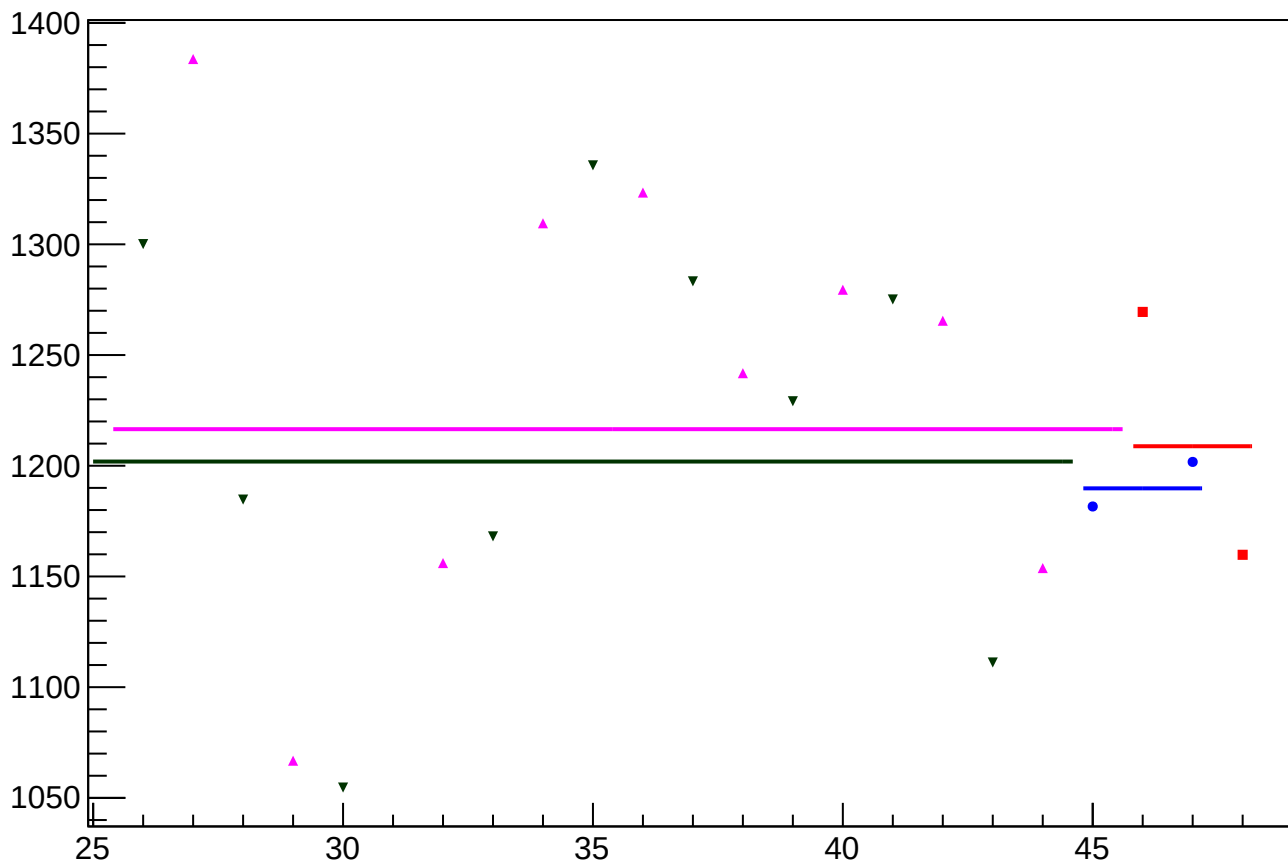
Right Out: -528.238 $\pm$ 1301.753 χ^2 /NDF: 0.0/1

Left In: 671.583 $\pm$ 514.509 χ^2 /NDF:9.5/8

55.056 $\pm$ 495.094 χ^2 /NDF: 26.3/10

509.474 $\pm$ 478.490 χ^2 /NDF: 10.2/10

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

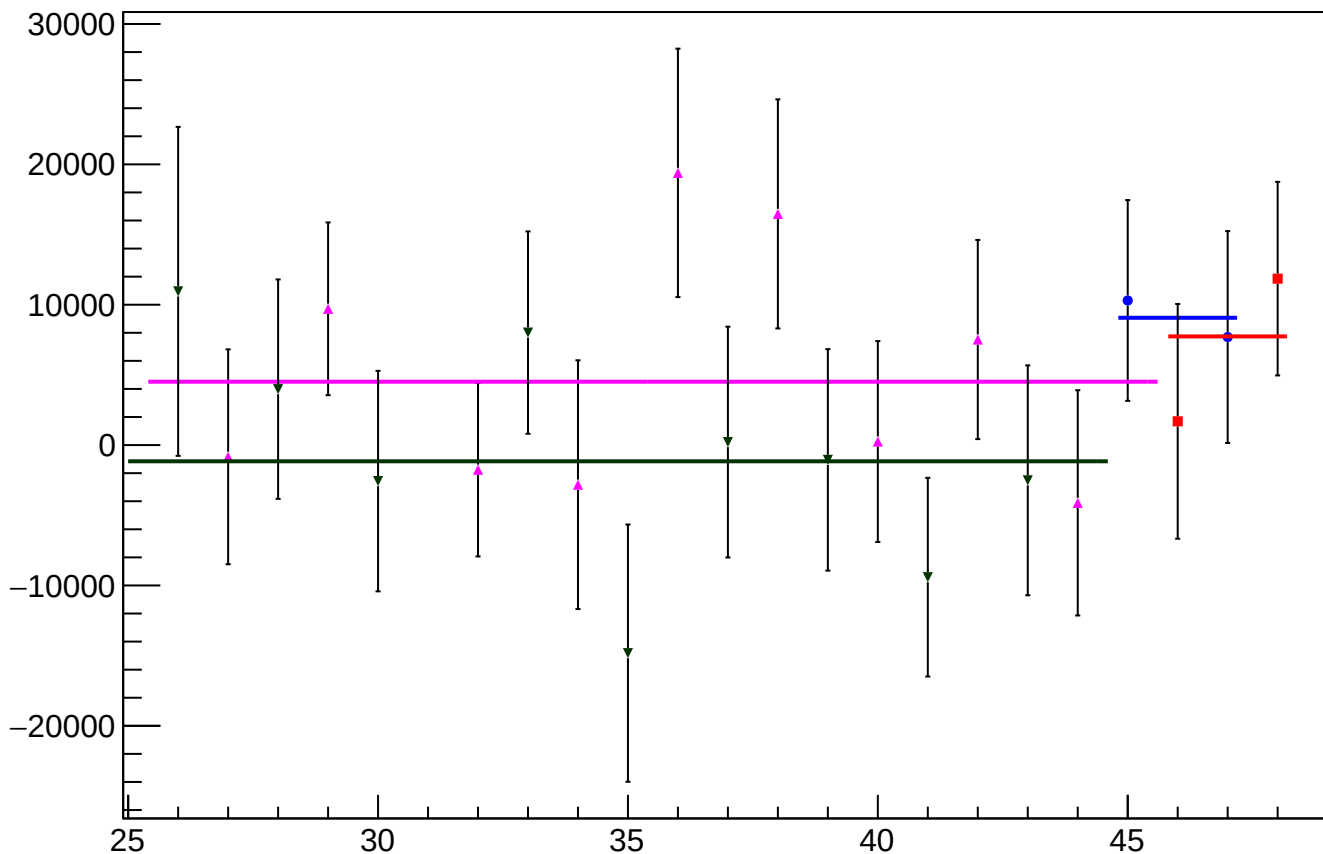
Right Out: 1208.812+/-0.920 χ^2/NDF : 3510.1/1

Left In: 1216.519+/-0.364 χ^2/NDF : 81775.0/8

1199.705+/-0.350 χ^2/NDF : 53423.3/10

1215.478+/-0.338 χ^2/NDF : 85345.7/10

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

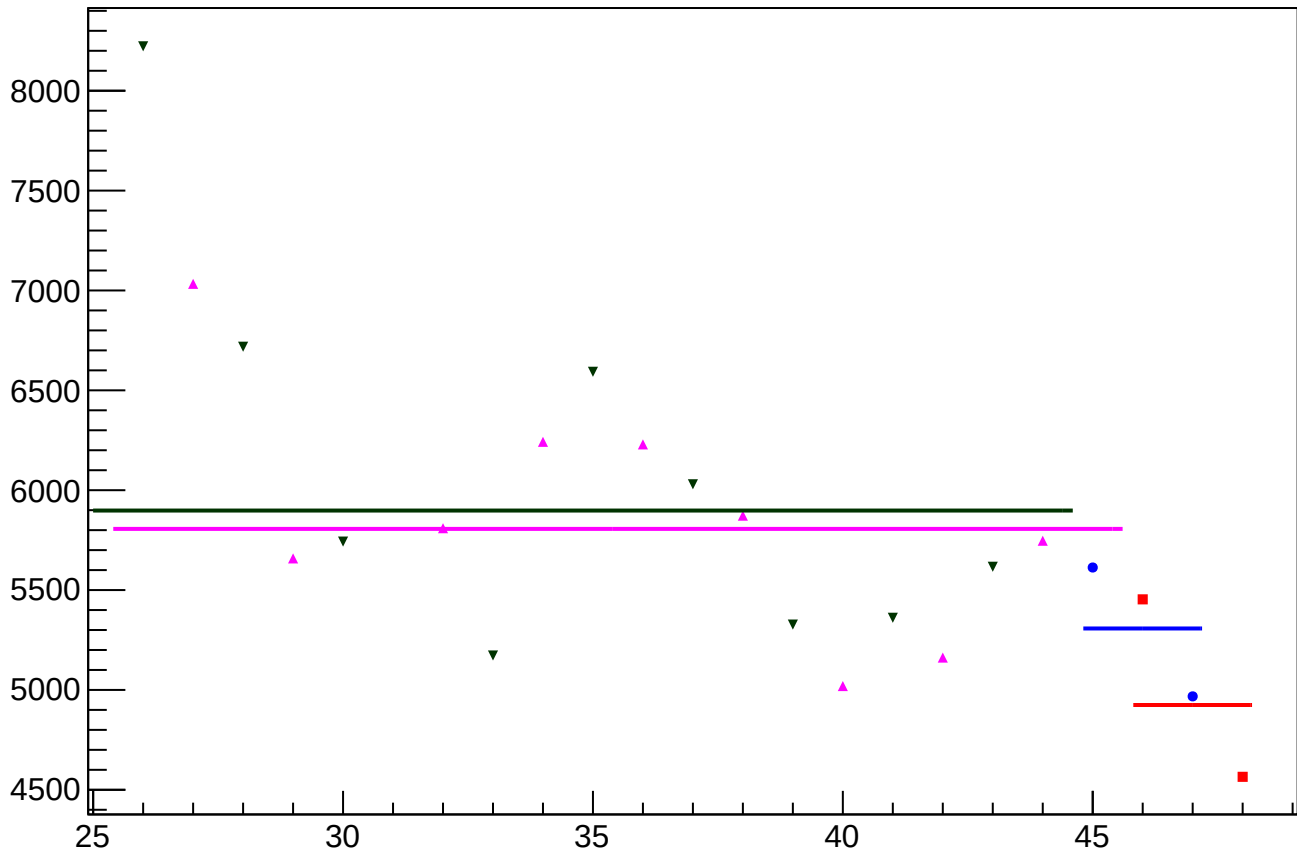
Right Out: 7743.571 $\pm$ 5320.257 χ^2 /NDF: 0.9/1

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

1027.350 $\pm$ 2398.531 χ^2 /NDF: 9.9/10

5083.879 $\pm$ 2233.508 χ^2 /NDF: 10.8/10

asym_sam4_correction_rms vs slug



Right In: 5307.675 ± 3.671 $\chi^2/\text{NDF}: 7696.1/1$

Left Out: 5898.122 ± 1.912 $\chi^2/\text{NDF}: 158096.1/8$

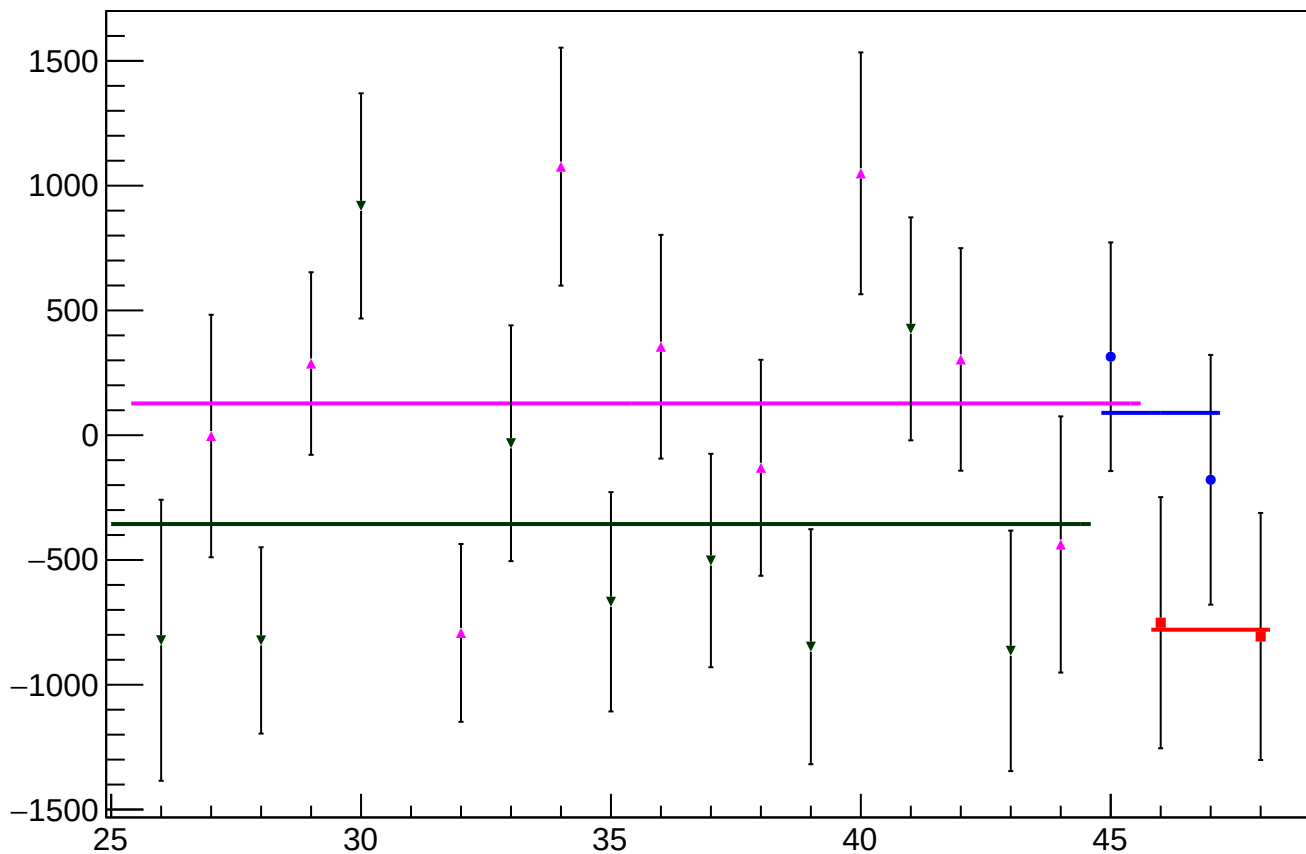
Right Out: 4924.550 ± 3.762 $\chi^2/\text{NDF}: 13440.2/1$

Left In: 5806.244 ± 1.740 $\chi^2/\text{NDF}: 102859.9/8$

5772.125 ± 1.696 $\chi^2/\text{NDF}: 186136.3/10$

5650.853 ± 1.579 $\chi^2/\text{NDF}: 161548.2/10$

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

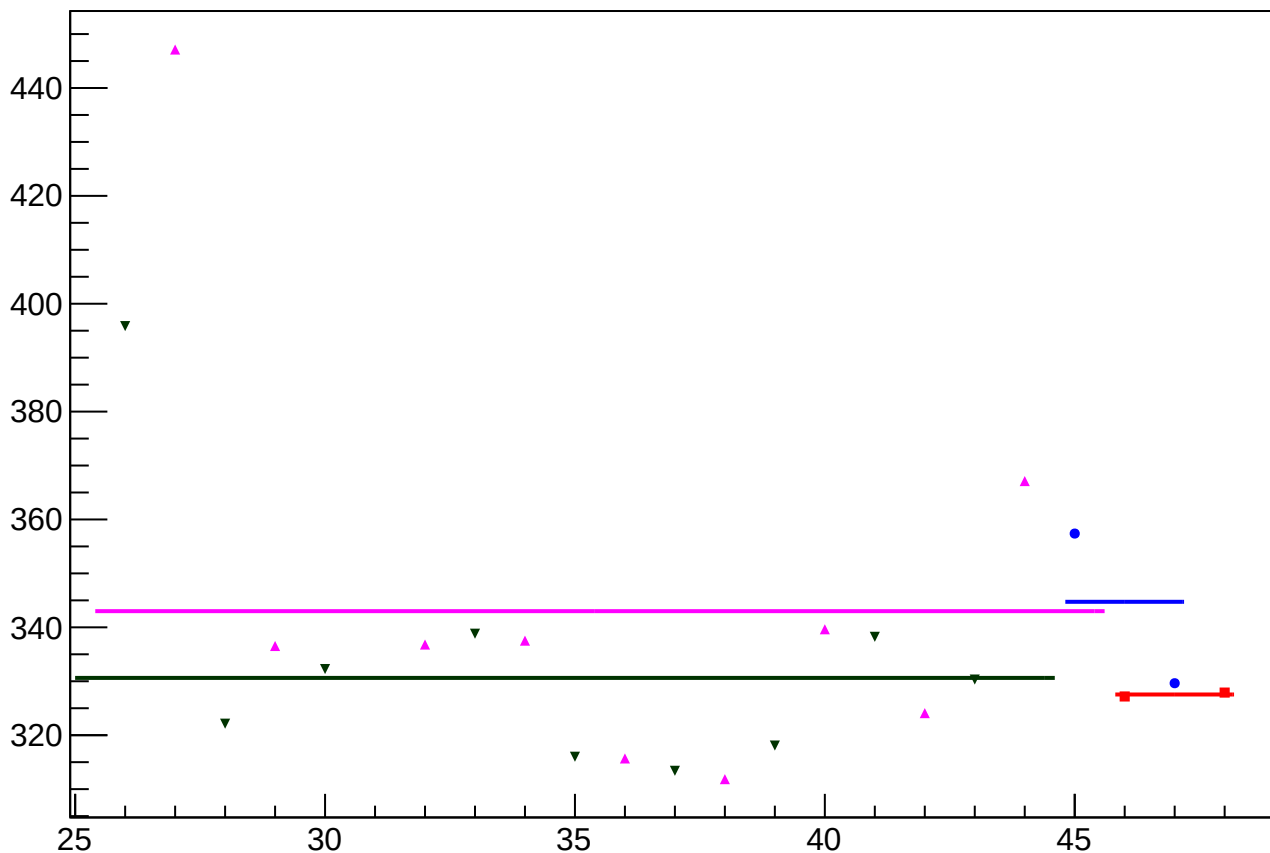
Right Out: -779.489+/-352.924 χ^2/NDF : 0.0/1

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-282.311+/-137.425 χ^2/NDF : 18.6/10

-4.108+/-134.347 χ^2/NDF : 22.1/10

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

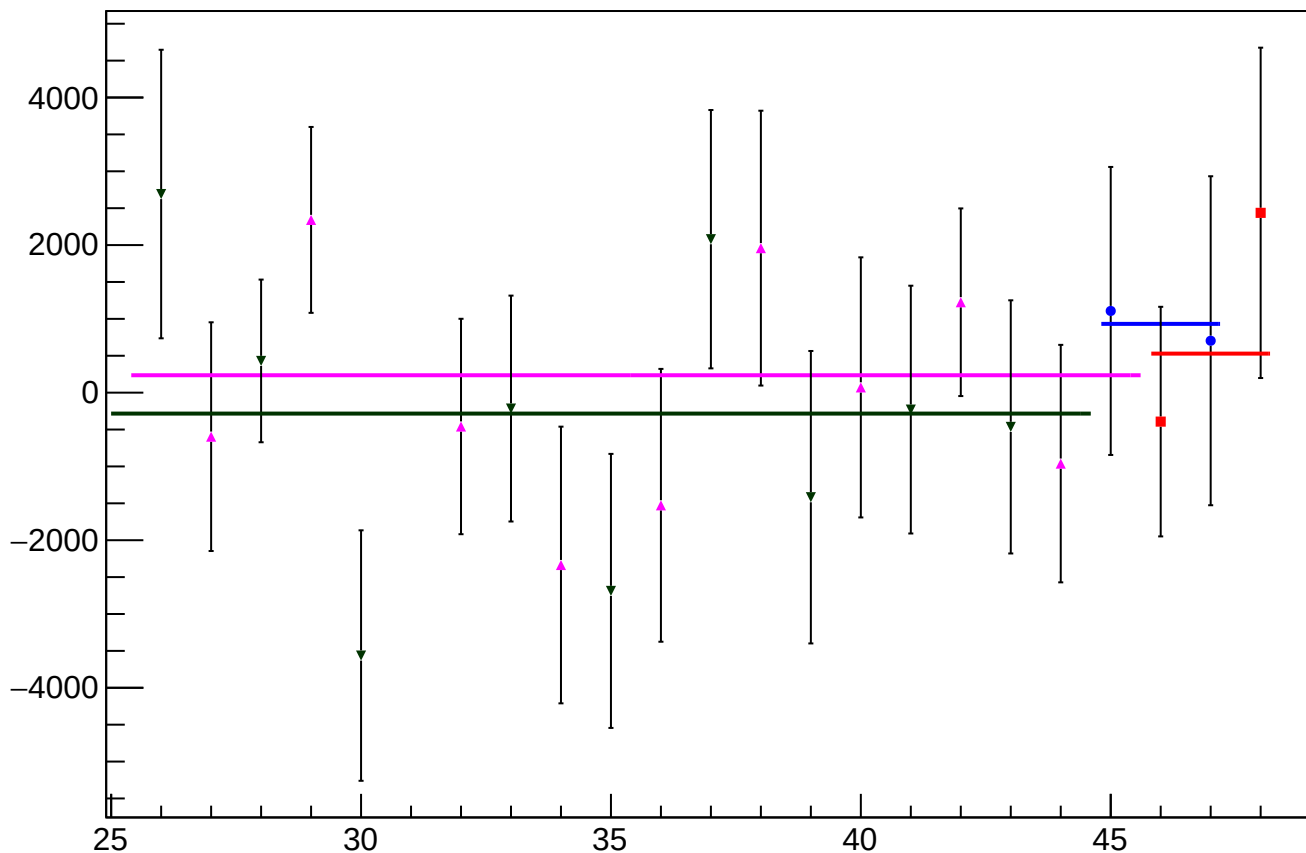
Right Out: 327.547 ± 0.250 χ^2/NDF : 2.1/1

Left In: 342.999 ± 0.103 χ^2/NDF : 119222.1/8

332.957 ± 0.097 χ^2/NDF : 42211.9/10

340.760 ± 0.095 χ^2/NDF : 122502.3/10

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

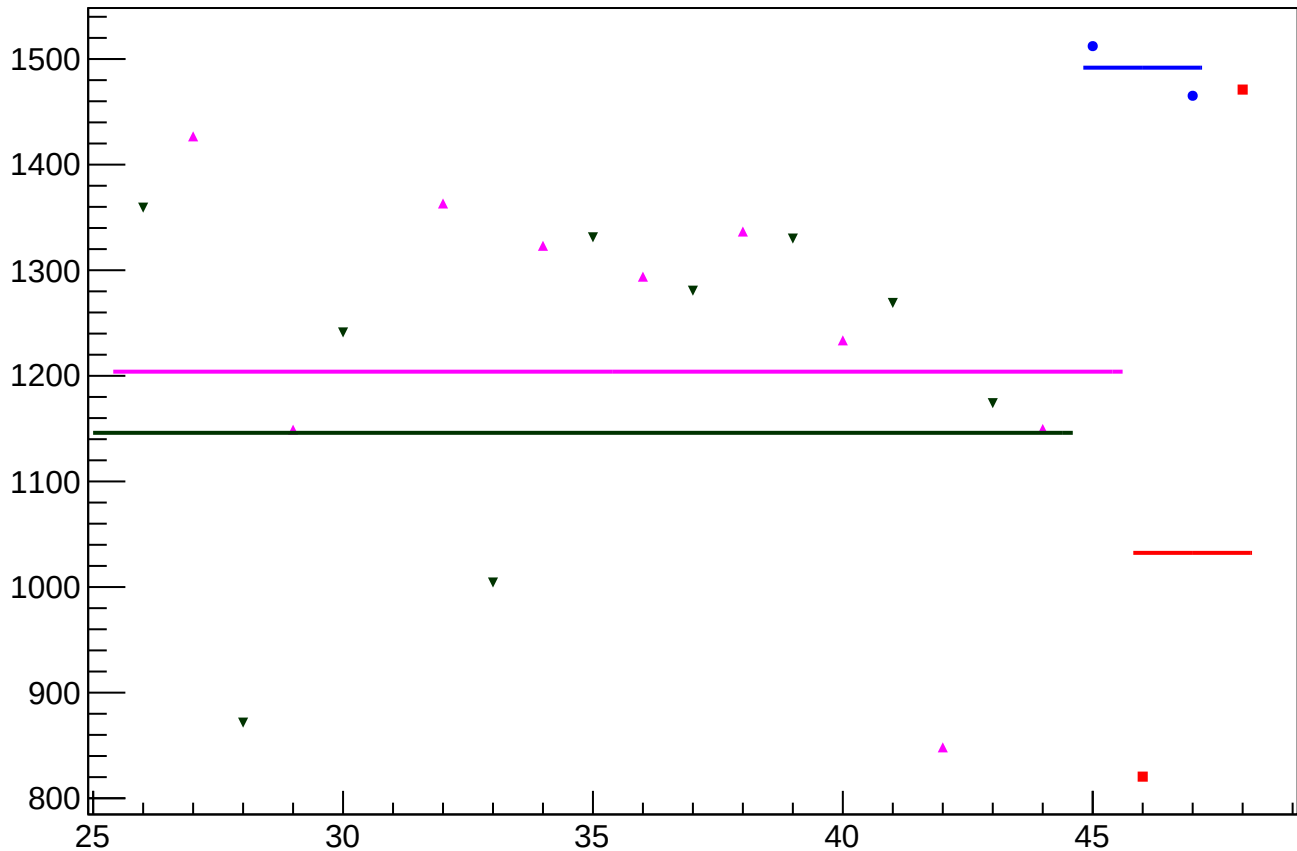
Right Out: 528.997+/-1277.635 χ^2/NDF : 1.1/1

Left In: 235.887+/-519.362 χ^2/NDF :8.1/8

-138.742+/-507.197 χ^2/NDF : 10.9/10

277.453+/-481.129 χ^2/NDF : 9.2/10

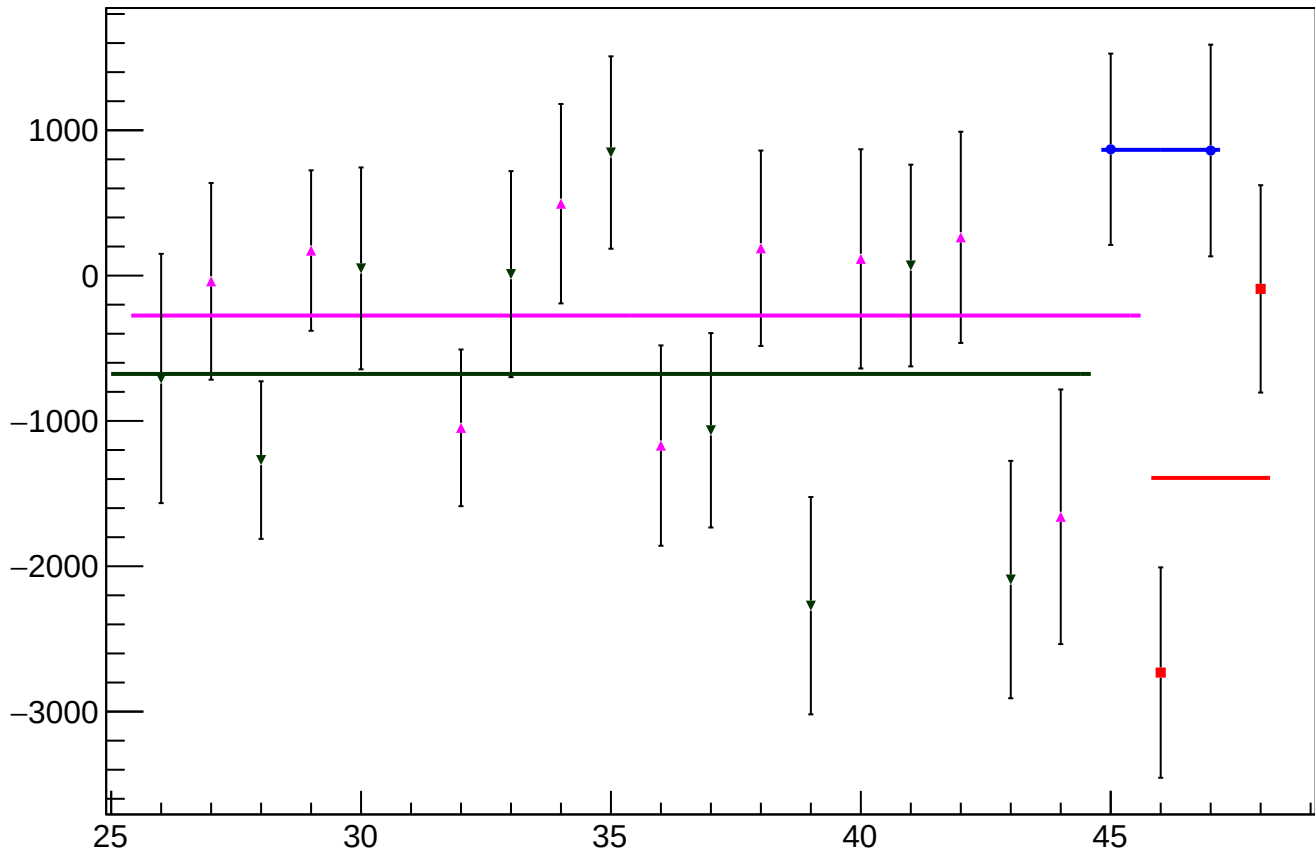
asym_sam5_correction_rms vs slug



Right In: 1491.817+/-1.038 χ^2/NDF : 503.4/1
 Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8
 Right Out: 1032.365+/-0.903 χ^2/NDF : 113897.0/1
 Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

1187.283+/-0.359 χ^2/NDF : 329503.8/10
 1179.616+/-0.340 χ^2/NDF : 396149.0/10

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

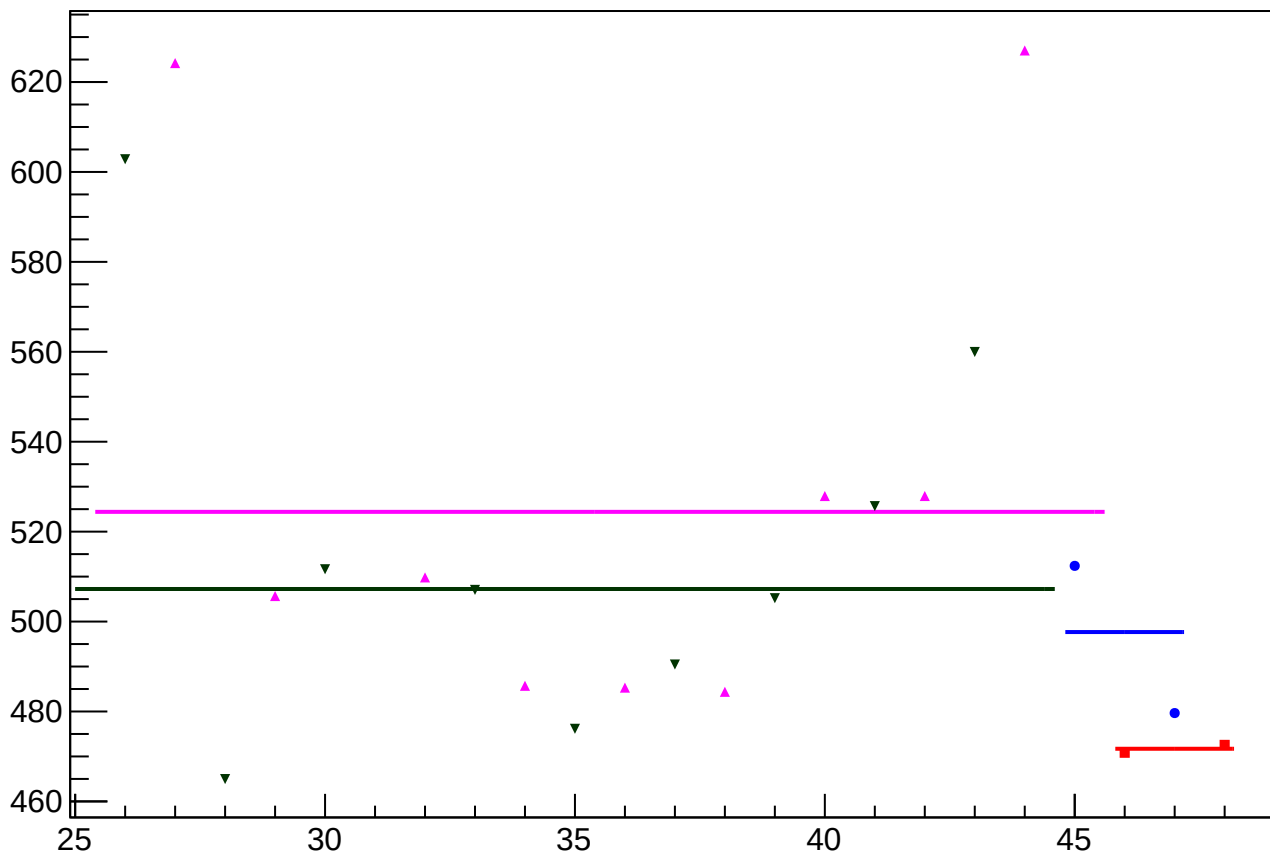
Right Out: -1392.080+/-508.165 χ^2/NDF : 6.7/1

Left In: -274.897+/-221.916 χ^2/NDF : 9.6/8

-394.236+/-208.981 χ^2/NDF : 25.7/10

-453.829+/-203.370 χ^2/NDF : 20.4/10

reg_asym_sam6_rms vs slug



Right In: 497.669 $\pm$ 0.345 χ^2 /NDF: 2224.8/1

Left Out: 507.245 $\pm$ 0.163 χ^2 /NDF: 52506.9/8

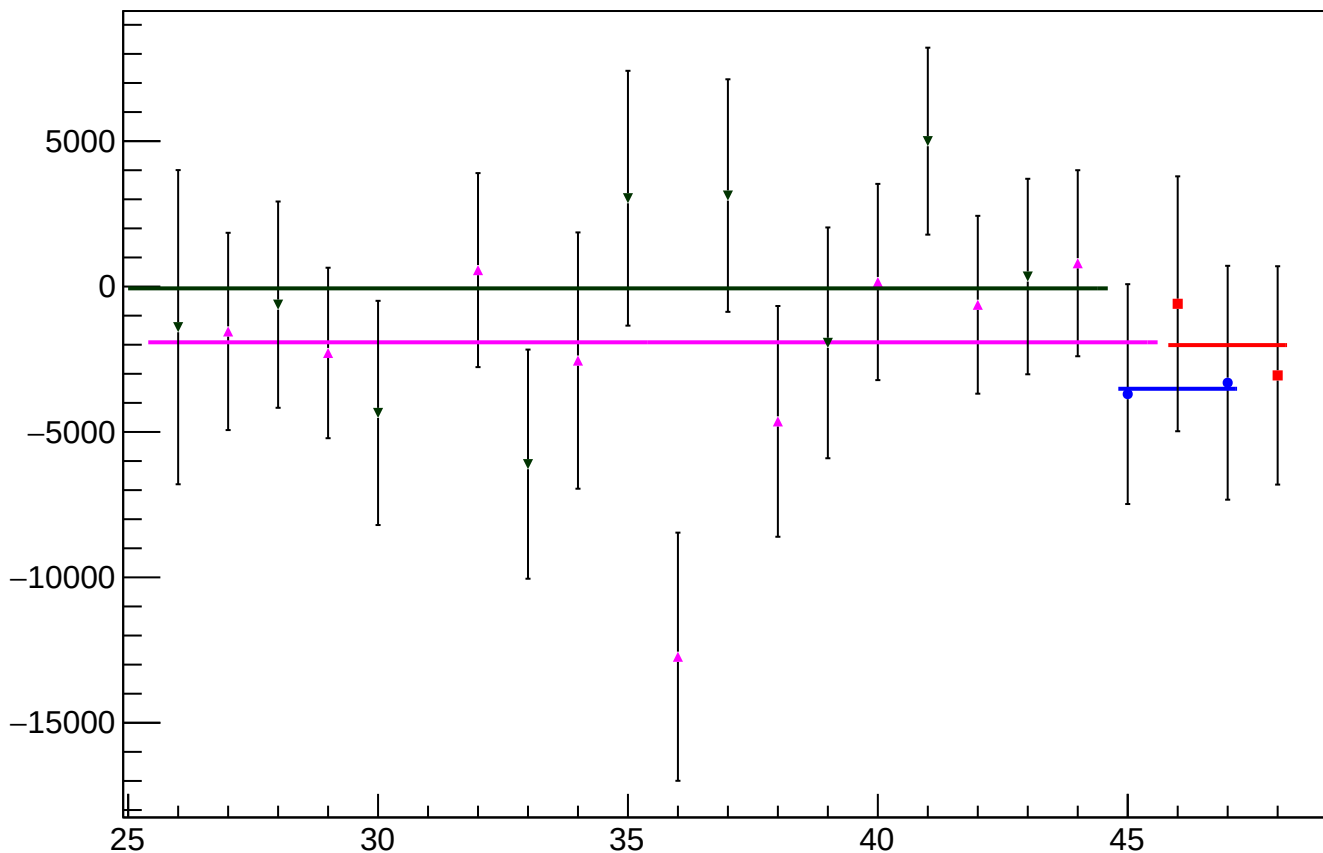
Right Out: 471.710 $\pm$ 0.359 χ^2 /NDF: 5.9/1

Left In: 524.401 $\pm$ 0.157 χ^2 /NDF: 94710.0/8

505.491 $\pm$ 0.148 χ^2 /NDF: 55360.0/10

515.962 $\pm$ 0.144 χ^2 /NDF: 112775.2/10

asym_sam6_correction_mean vs slug



Right In: -3514.972 $\pm$ 2754.083 χ^2 /NDF: 0.0/1

Left Out: -62.354 $\pm$ 1281.480 χ^2 /NDF:7.5/8

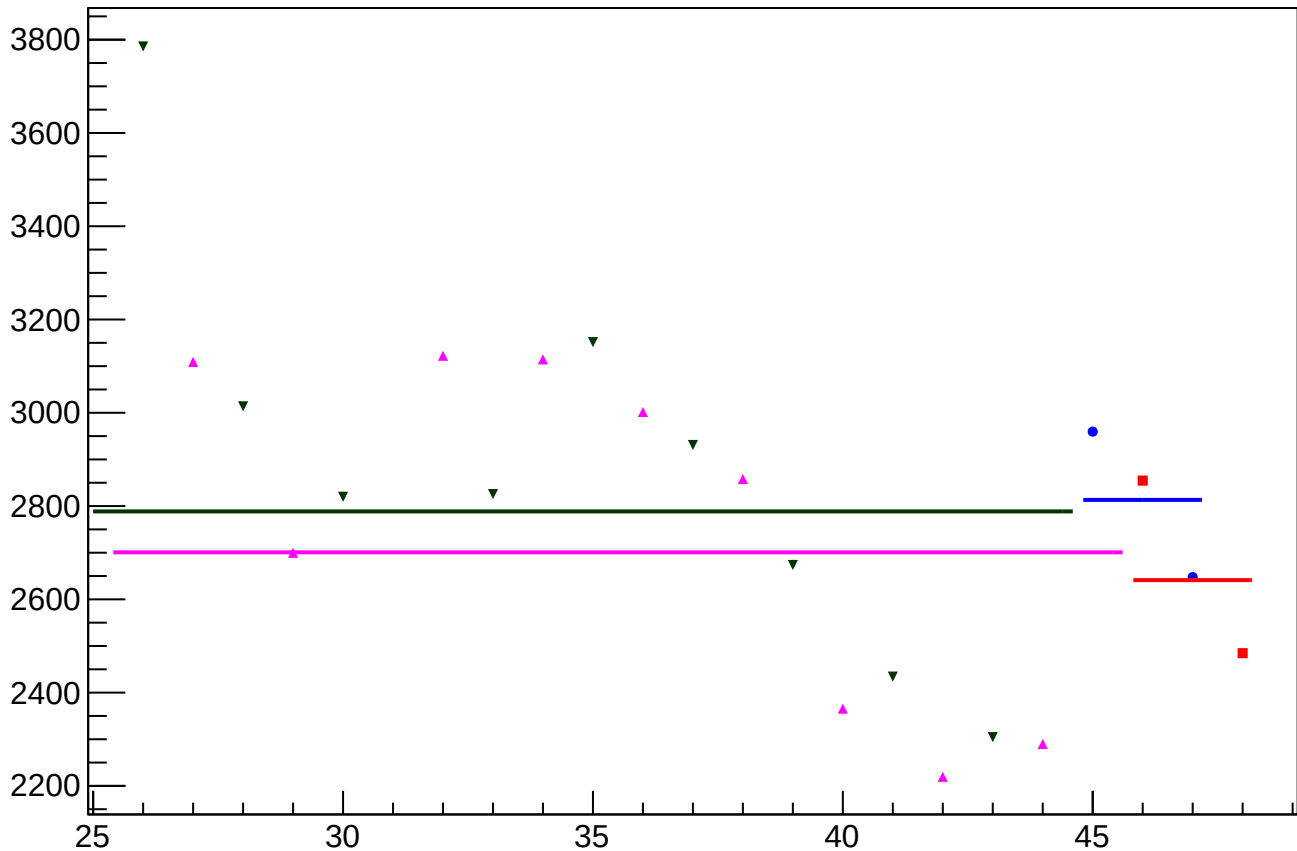
Right Out: -2013.120 $\pm$ 2851.151 χ^2 /NDF: 0.2/1

Left In: -1917.139 $\pm$ 1150.328 χ^2 /NDF:8.8/8

-676.829 $\pm$ 1161.863 χ^2 /NDF: 8.8/10

-1930.576 $\pm$ 1066.775 χ^2 /NDF: 9.0/10

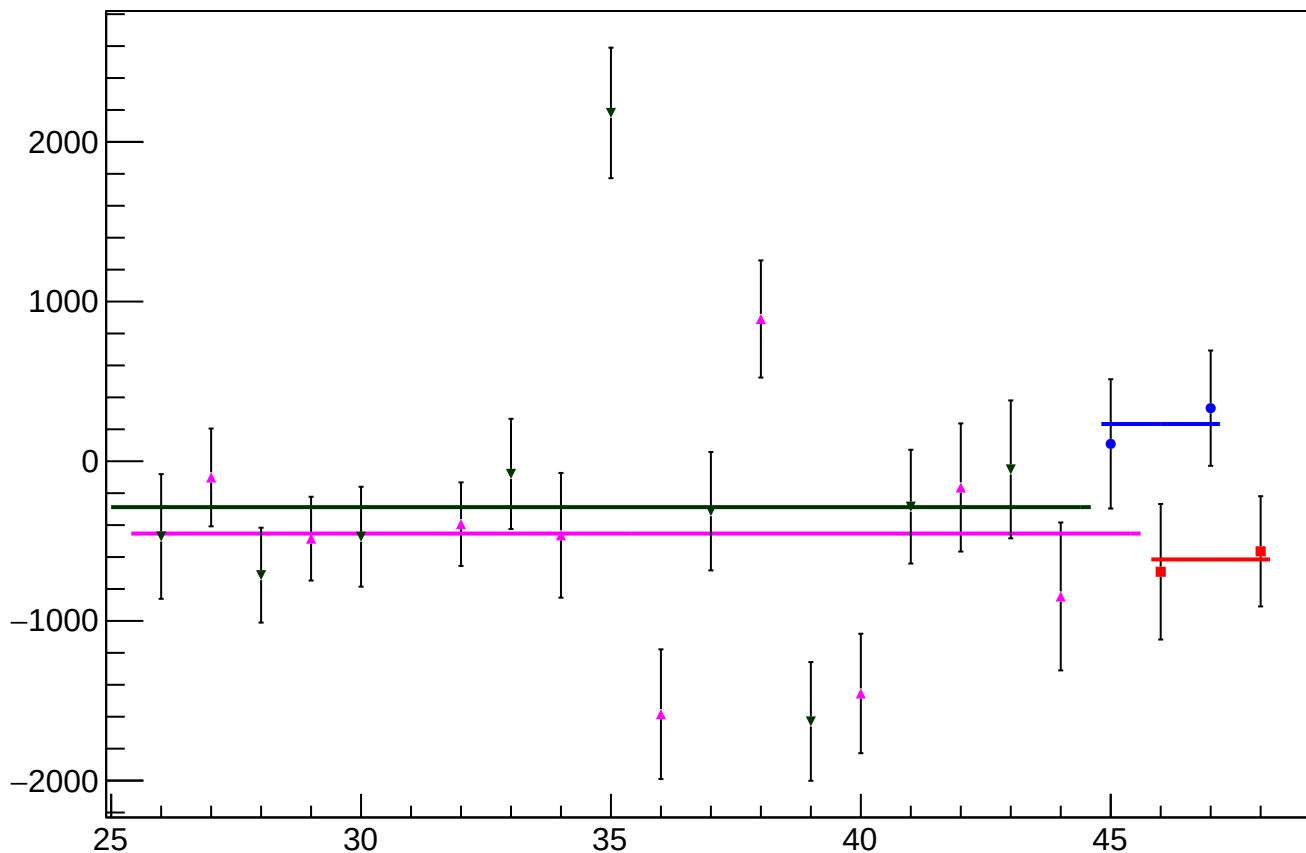
asym_sam6_correction_rms vs slug



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: 2641.172+/-2.016 χ^2/NDF : 8222.5/1
 Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

2792.921+/-0.822 χ^2/NDF : 166722.1/10
 2692.460+/-0.754 χ^2/NDF : 202909.1/10

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

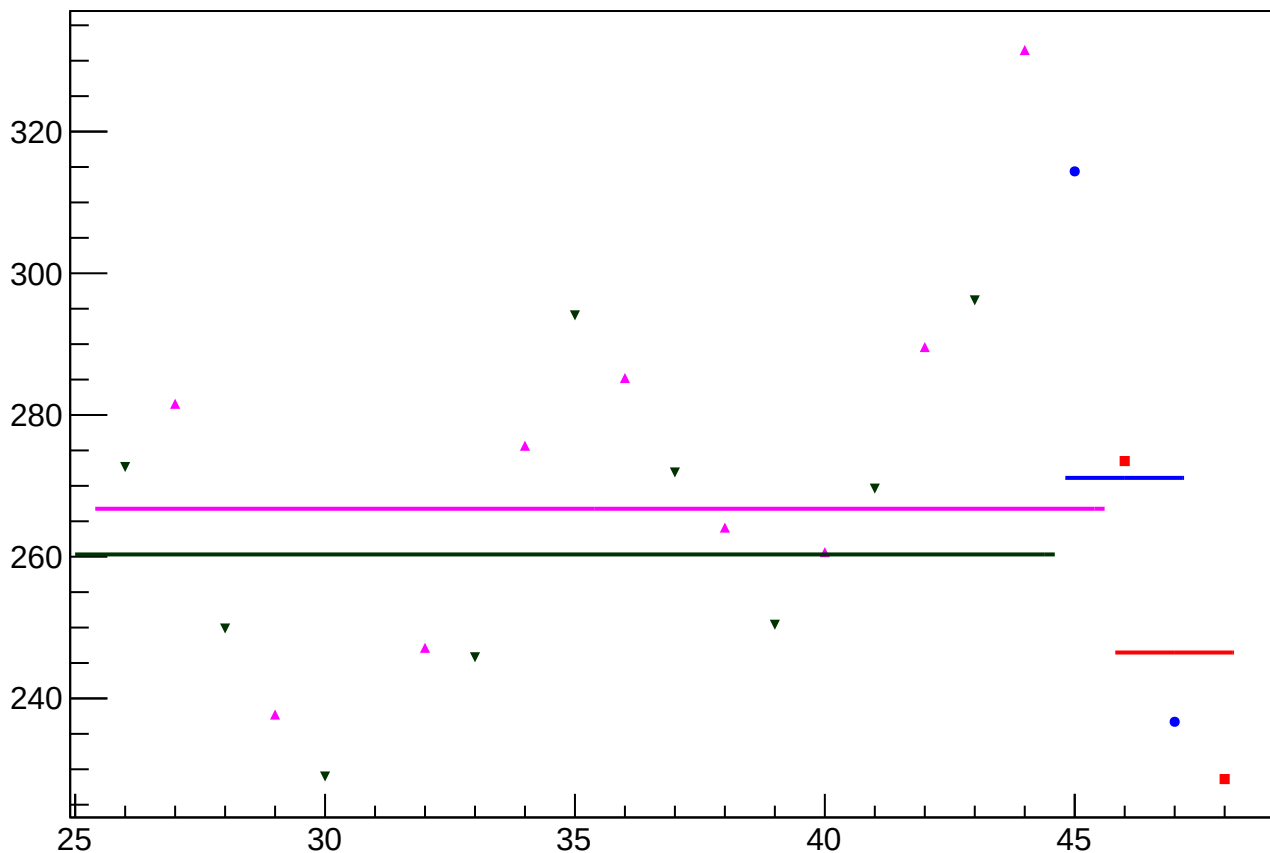
Right Out: -615.045+/-267.791 χ^2/NDF : 0.1/1

Left In: -452.872+/-113.322 χ^2/NDF : 31.0/8

-202.058+/-109.101 χ^2/NDF : 56.1/10

-477.503+/-104.363 χ^2/NDF : 31.3/10

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

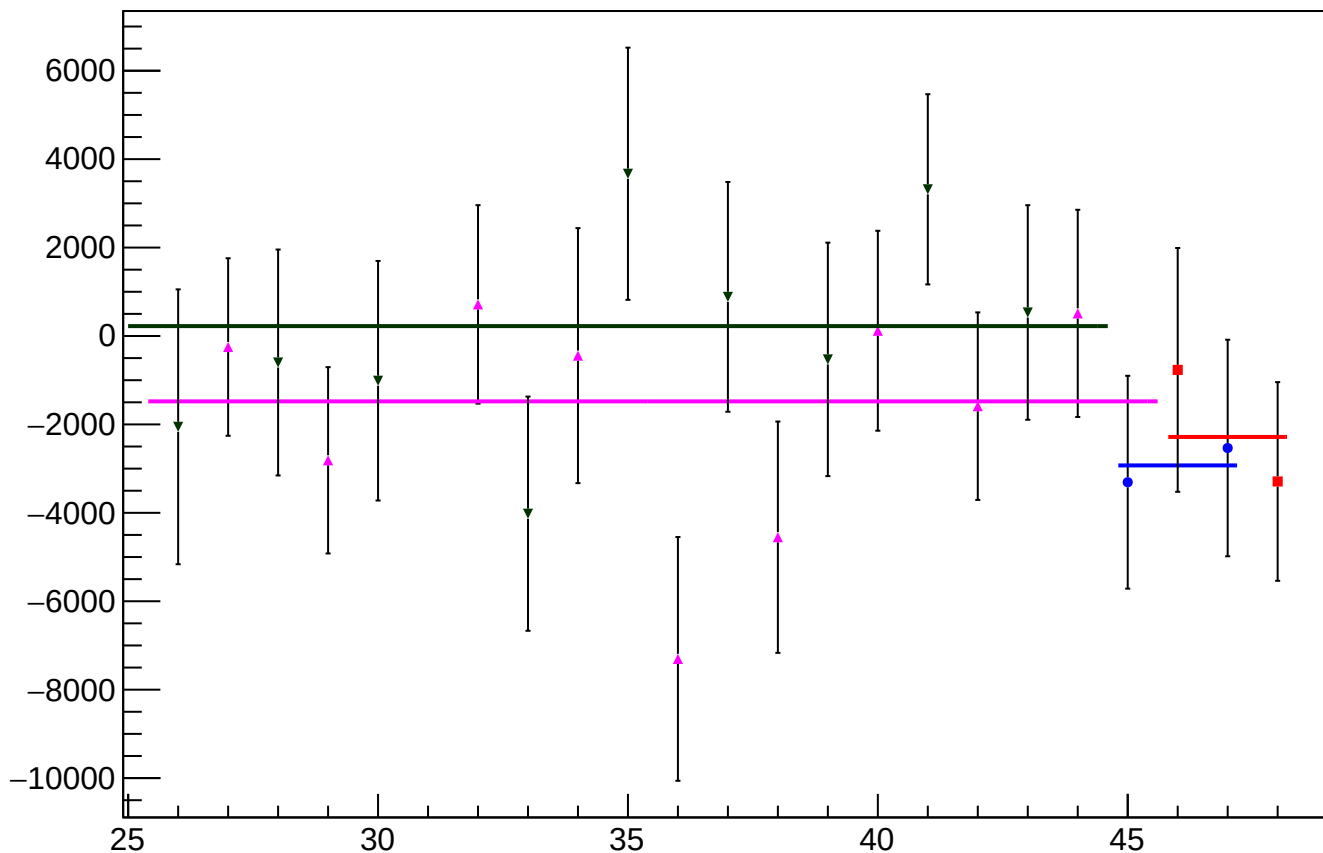
Right Out: 246.480 ± 0.189 χ^2/NDF : 13459.2/1

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

262.092 ± 0.077 χ^2/NDF : 103938.5/10

263.686 ± 0.074 χ^2/NDF : 114997.7/10

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

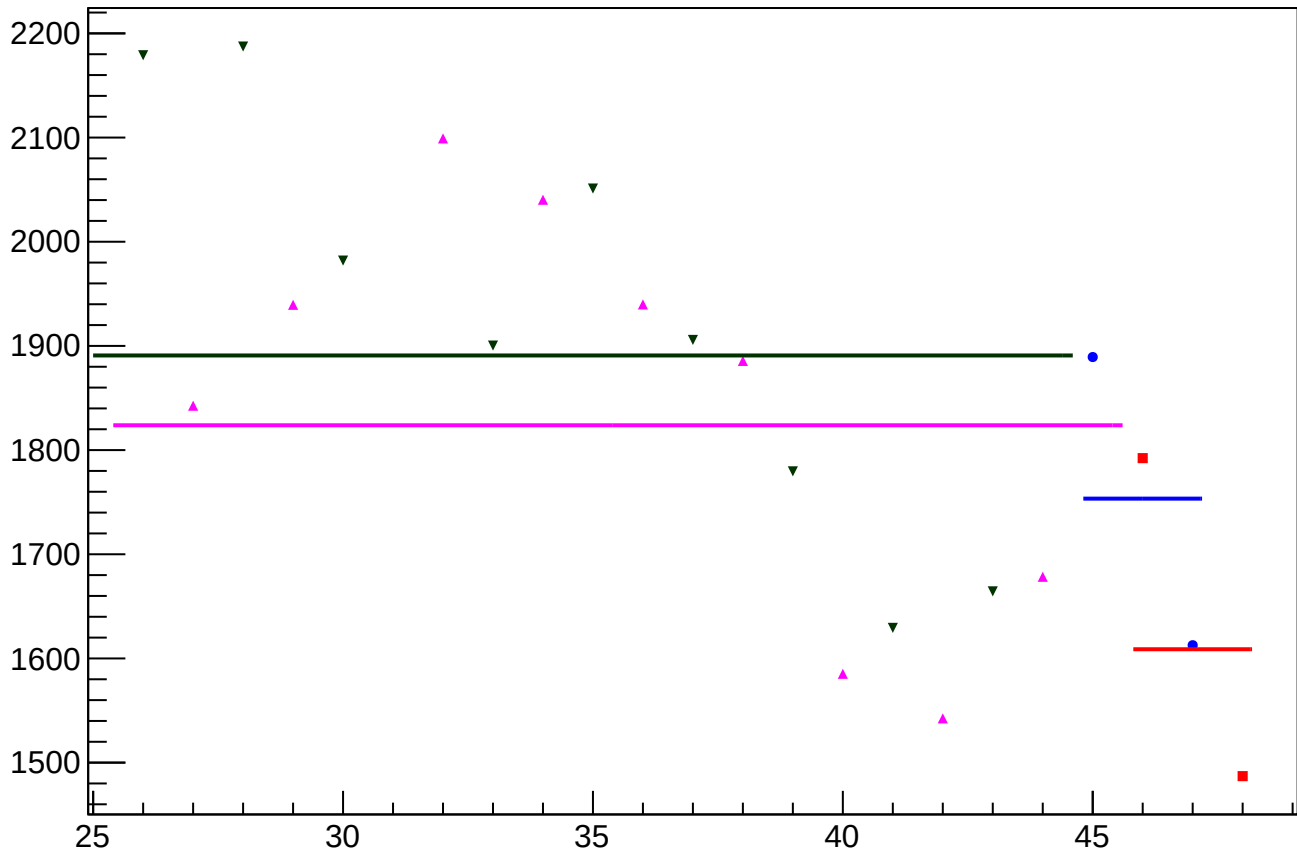
Right Out: -2283.642+/-1741.810 χ^2/NDF : 0.5/1

Left In: -1478.705+/-773.885 χ^2/NDF : 8.9/8

-414.802+/-772.661 χ^2/NDF : 9.8/10

-1611.406+/-707.223 χ^2/NDF : 9.6/10

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

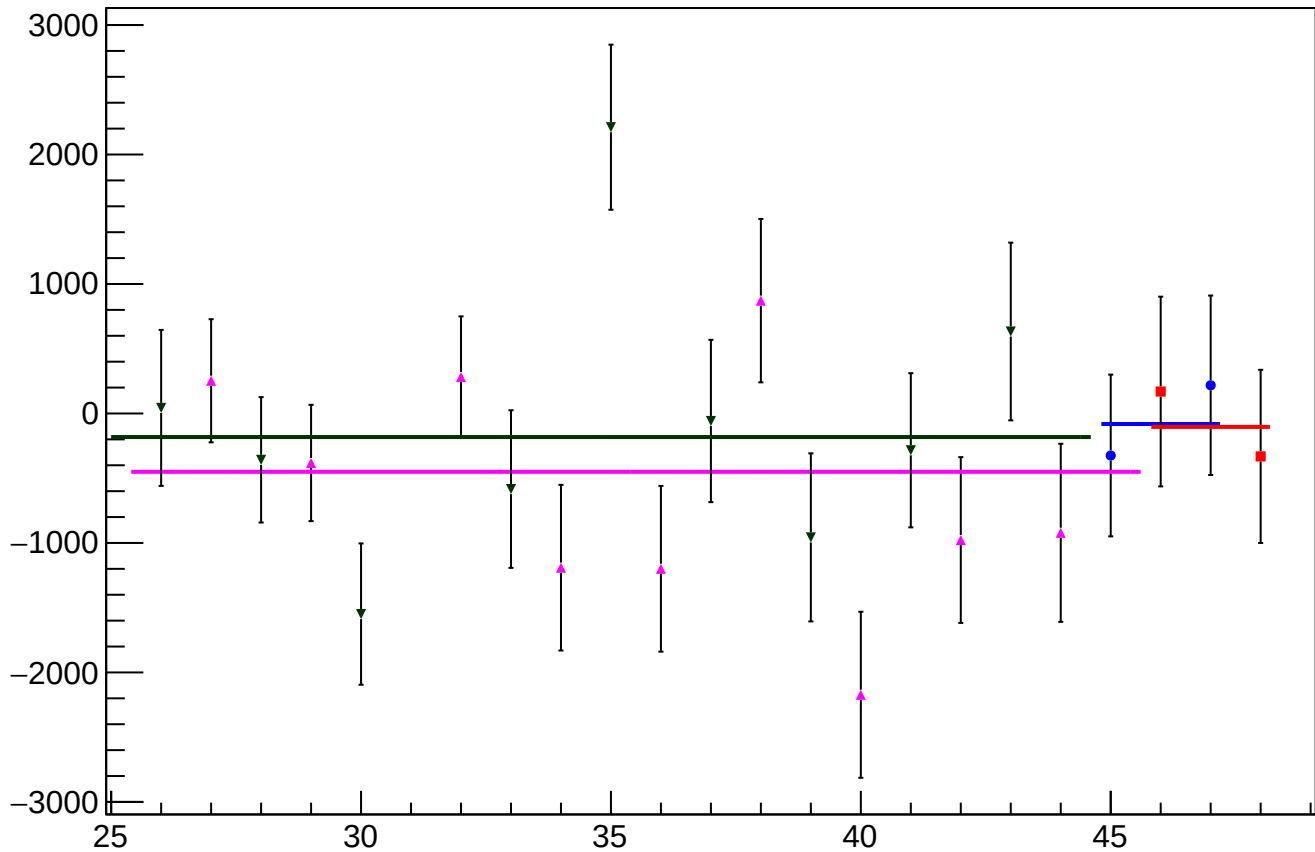
Right Out: 1608.830+/-1.232 χ^2/NDF : 14730.9/1

Left In: 1823.820+/-0.547 χ^2/NDF : 117391.1/8

1863.001+/-0.546 χ^2/NDF : 126497.0/10

1788.377+/-0.500 χ^2/NDF : 157568.5/10

reg_asym_sam8_mean vs slug



Right In: -81.392 ± 463.939 χ^2/NDF : 0.3/1

Left Out: -181.996 ± 198.404 χ^2/NDF : 24.0/8

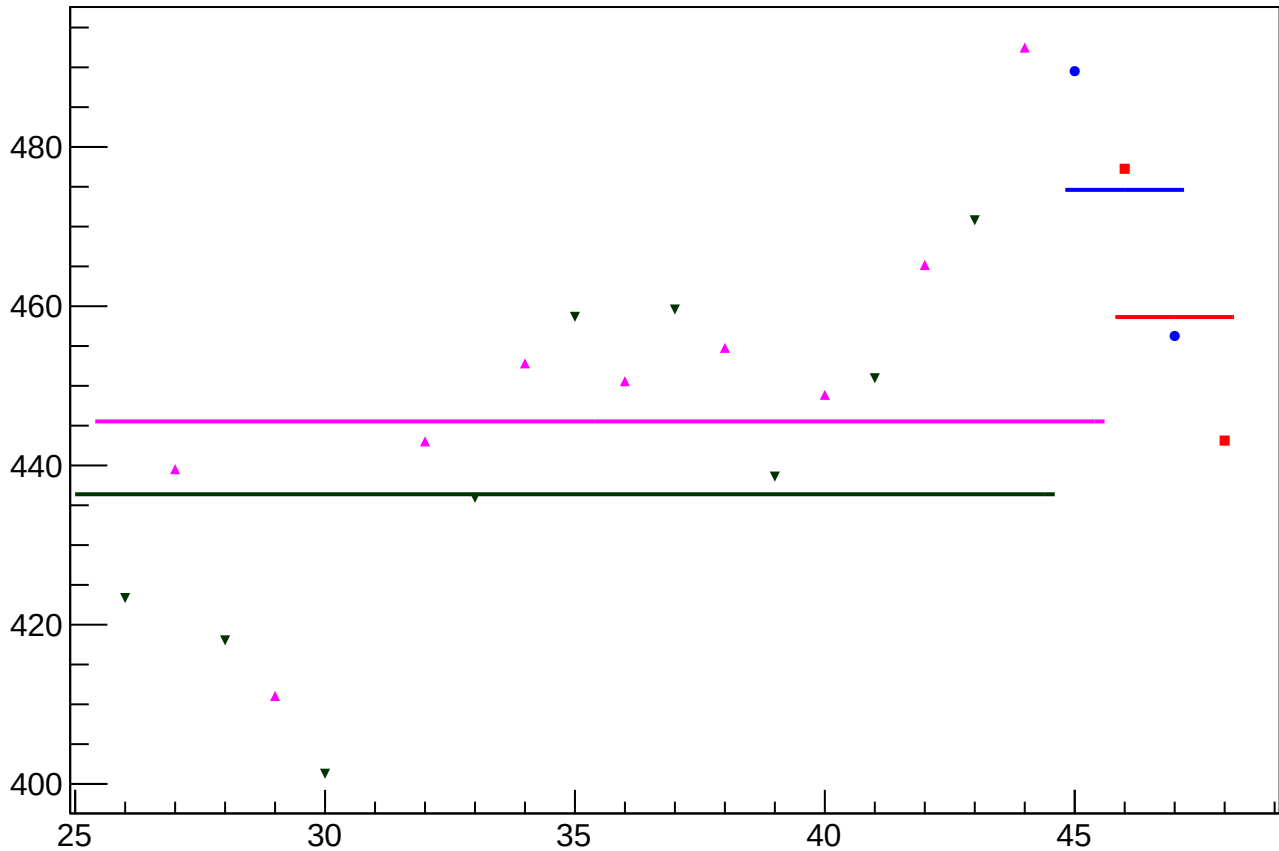
Right Out: -103.844 ± 493.887 χ^2/NDF : 0.3/1

Left In: -450.653 ± 187.903 χ^2/NDF : 20.1/8

-166.442 ± 182.423 χ^2/NDF : 24.4/10

-406.801 ± 175.622 χ^2/NDF : 20.8/10

reg_asym_sam8_rms vs slug



Right In: 474.612 $\pm$ 0.328 χ^2 /NDF: 2541.9/1

Left Out: 436.383 $\pm$ 0.140 χ^2 /NDF:23517.4/8

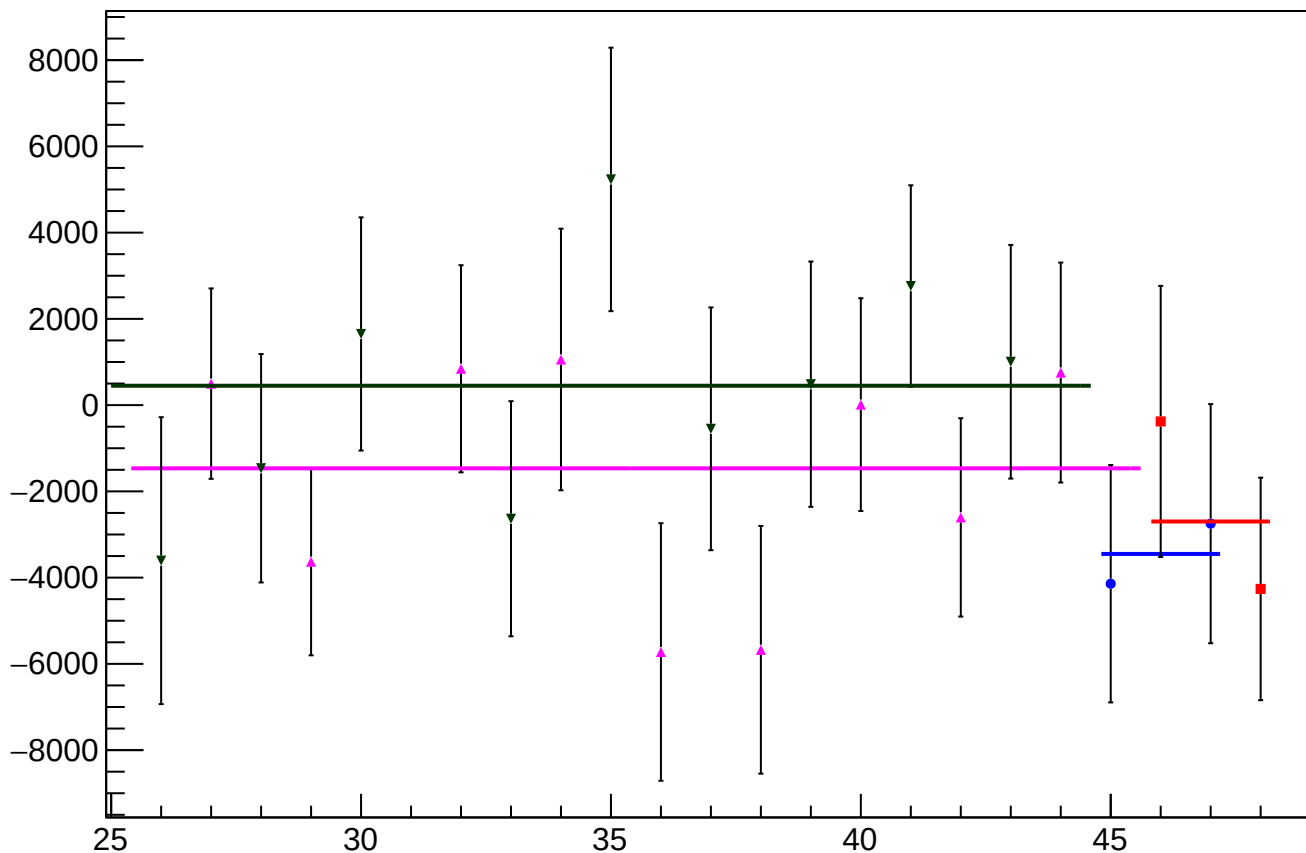
442.293 $\pm$ 0.129 χ^2 /NDF: 37539.5/10

Right Out: 458.639 $\pm$ 0.349 χ^2 /NDF: 2368.3/1

447.186 $\pm$ 0.124 χ^2 /NDF: 27841.2/10

Left In: 445.528 $\pm$ 0.133 χ^2 /NDF:24241.7/8

asym_sam8_correction_mean vs slug



Right In: -3450.696+/-1953.255 χ^2/NDF : 0.1/1

Left Out: 449.371+/-920.334 χ^2/NDF : 7.1/8

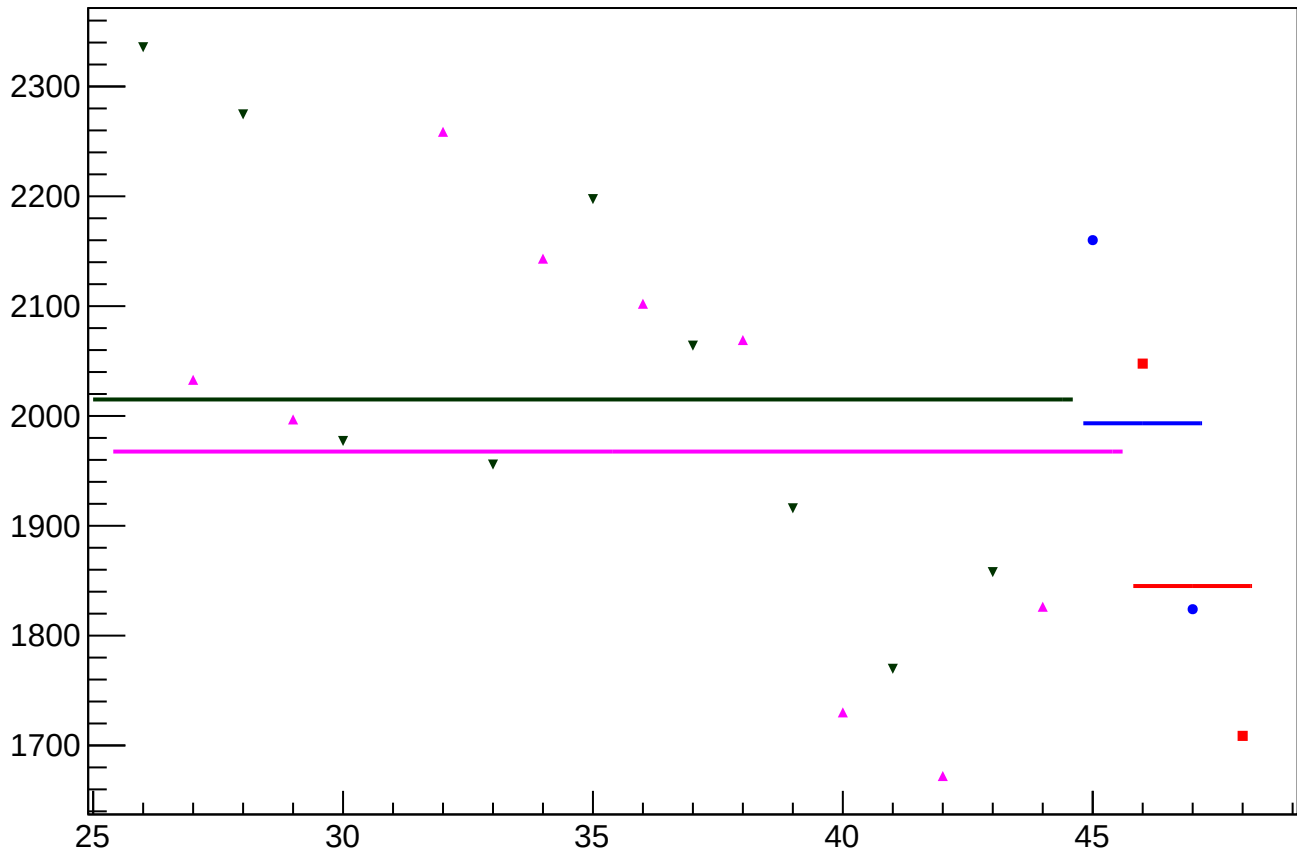
Right Out: -2698.761+/-1994.032 χ^2/NDF : 0.9/1

Left In: -1466.179+/-833.373 χ^2/NDF : 8.9/8

-259.178+/-832.546 χ^2/NDF : 10.5/10

-1649.459+/-768.921 χ^2/NDF : 10.2/10

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: 1845.153+/-1.410 χ^2 /NDF: 13897.8/1

Left In: 1967.585+/-0.589 χ^2 /NDF: 102442.6/8

2011.078+/-0.589 χ^2 /NDF: 93061.5/10

1949.380+/-0.544 χ^2 /NDF: 122759.0/10

bcm_an_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_us_ds3_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2/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_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_us_ds3_avg_rms vs slug



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

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

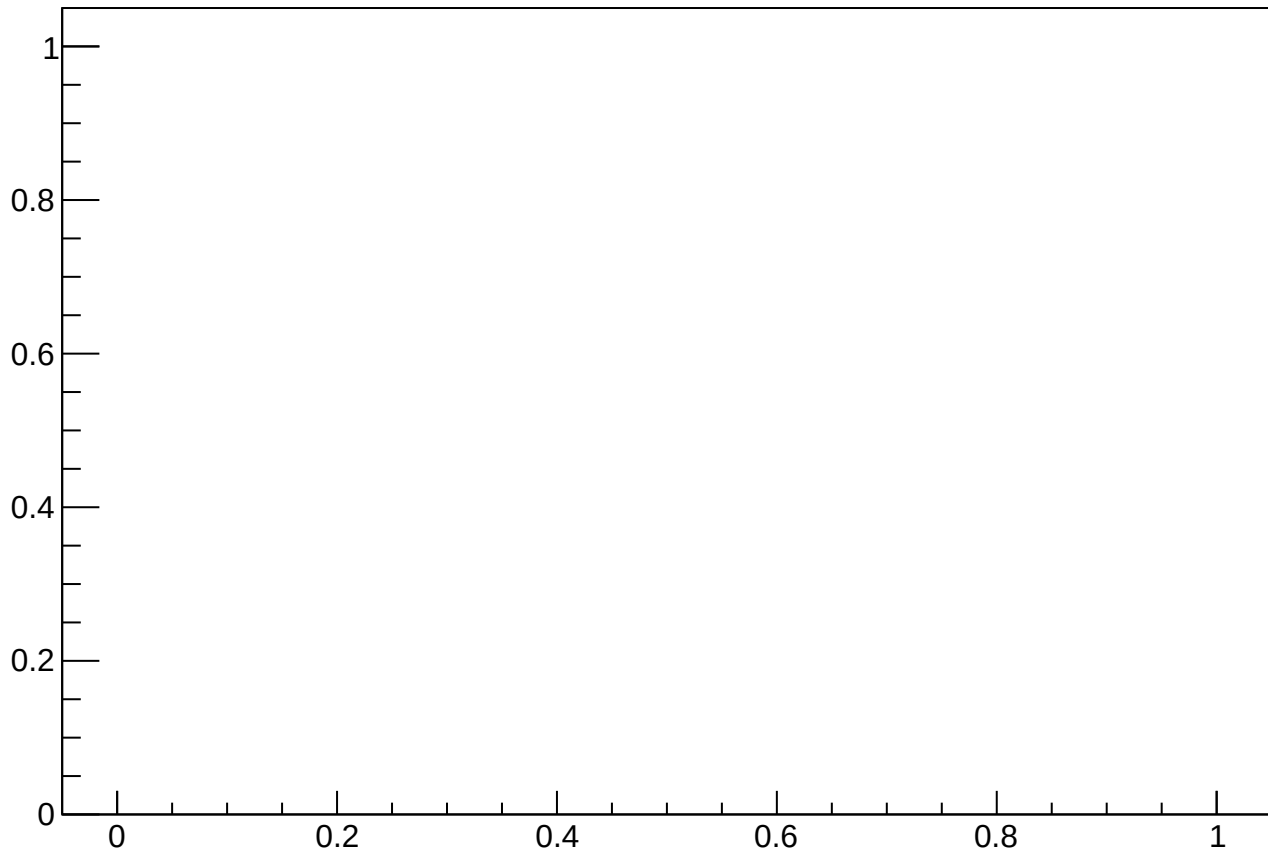
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2/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

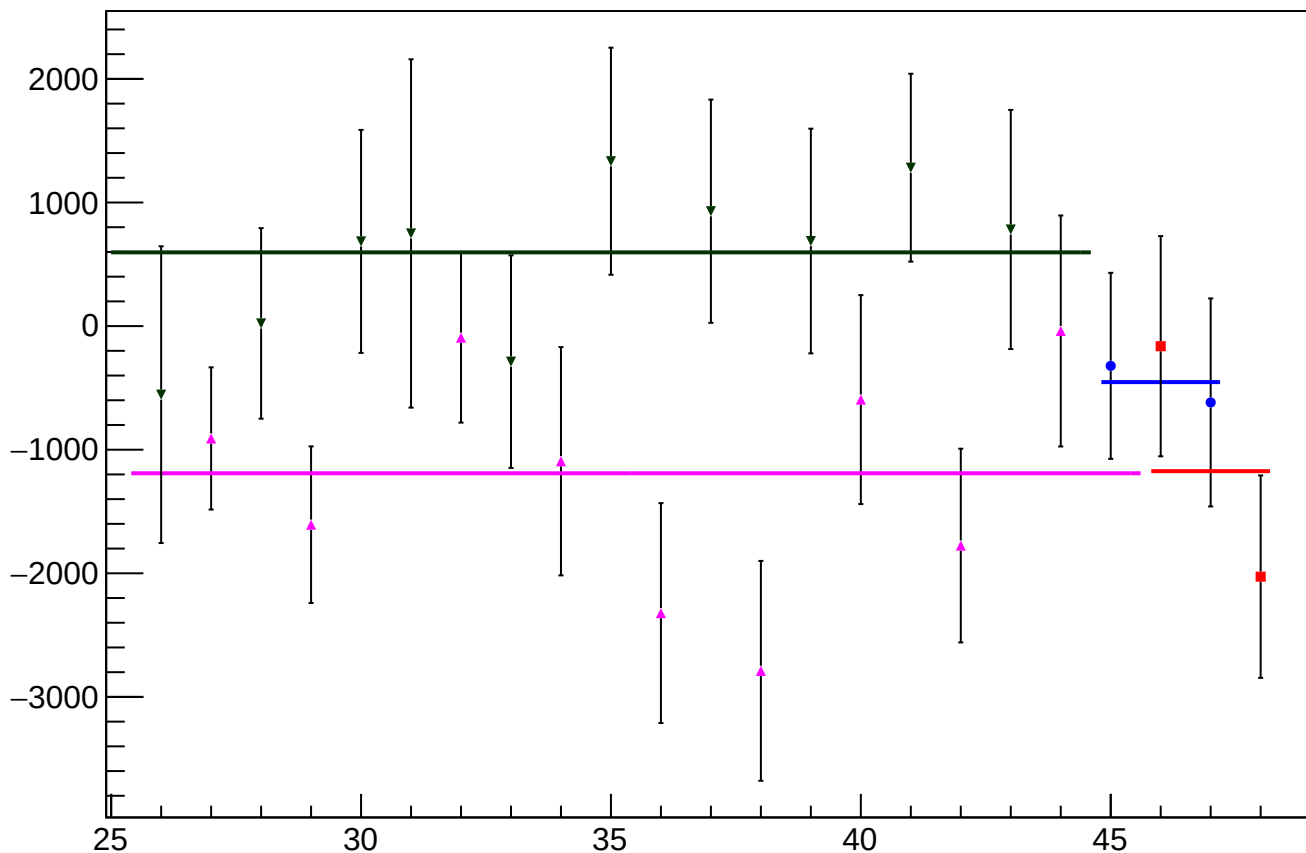
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

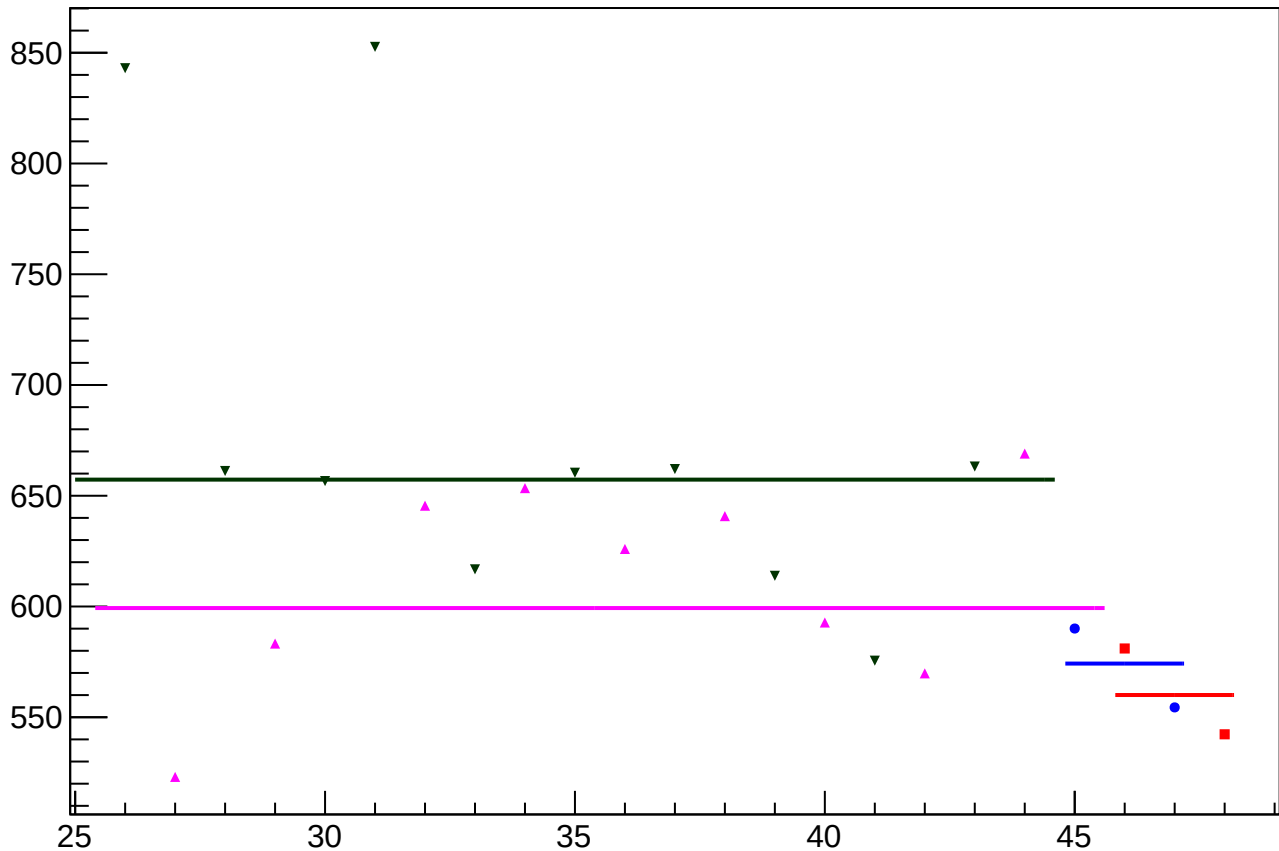
Right Out: -1173.589+/-602.805 χ^2/NDF : 2.4/1

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

375.170+/-257.671 χ^2/NDF : 7.0/11

-1188.125+/-234.046 χ^2/NDF : 13.0/10

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

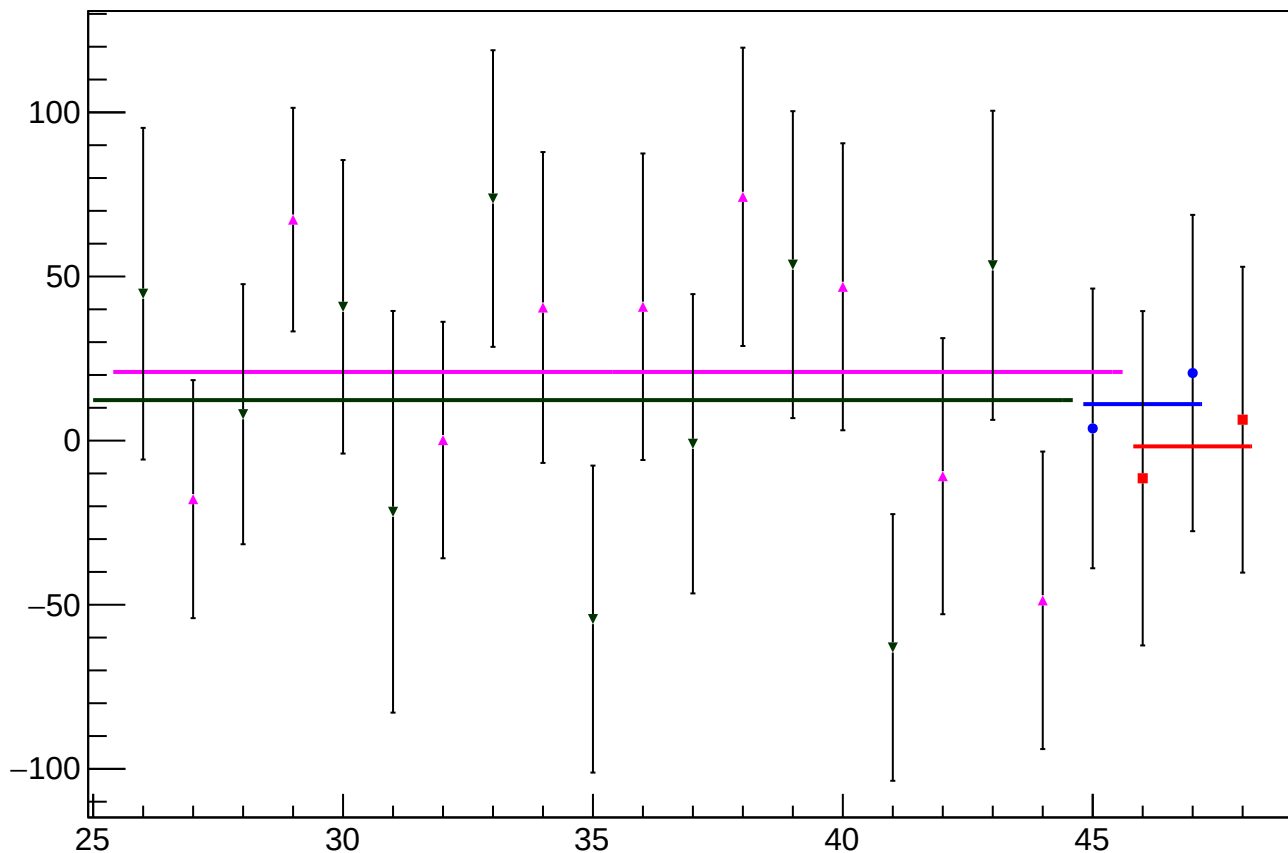
639.758+/-0.182 χ^2/NDF : 155249.5/11

Right Out: 560.037+/-0.426 χ^2/NDF : 2050.7/1

593.377+/-0.165 χ^2/NDF : 81800.1/10

Left In: 599.296+/-0.180 χ^2/NDF :72545.0/8

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

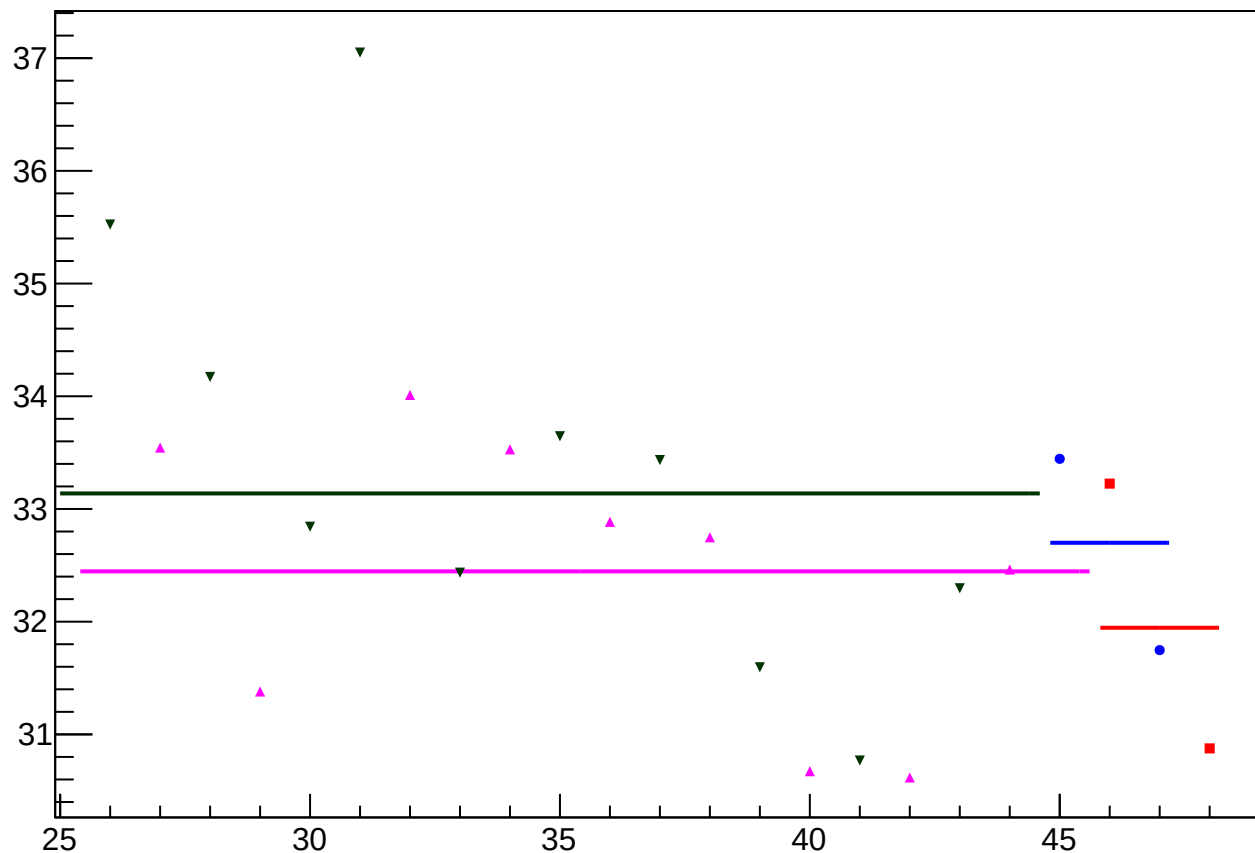
Right Out: -1.755±/34.375 χ^2/NDF : 0.1/1

Left In: 20.920±/13.661 χ^2/NDF :8.3/8

12.133±/13.221 χ^2/NDF : 10.2/11

17.827±/12.695 χ^2/NDF : 8.8/10

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

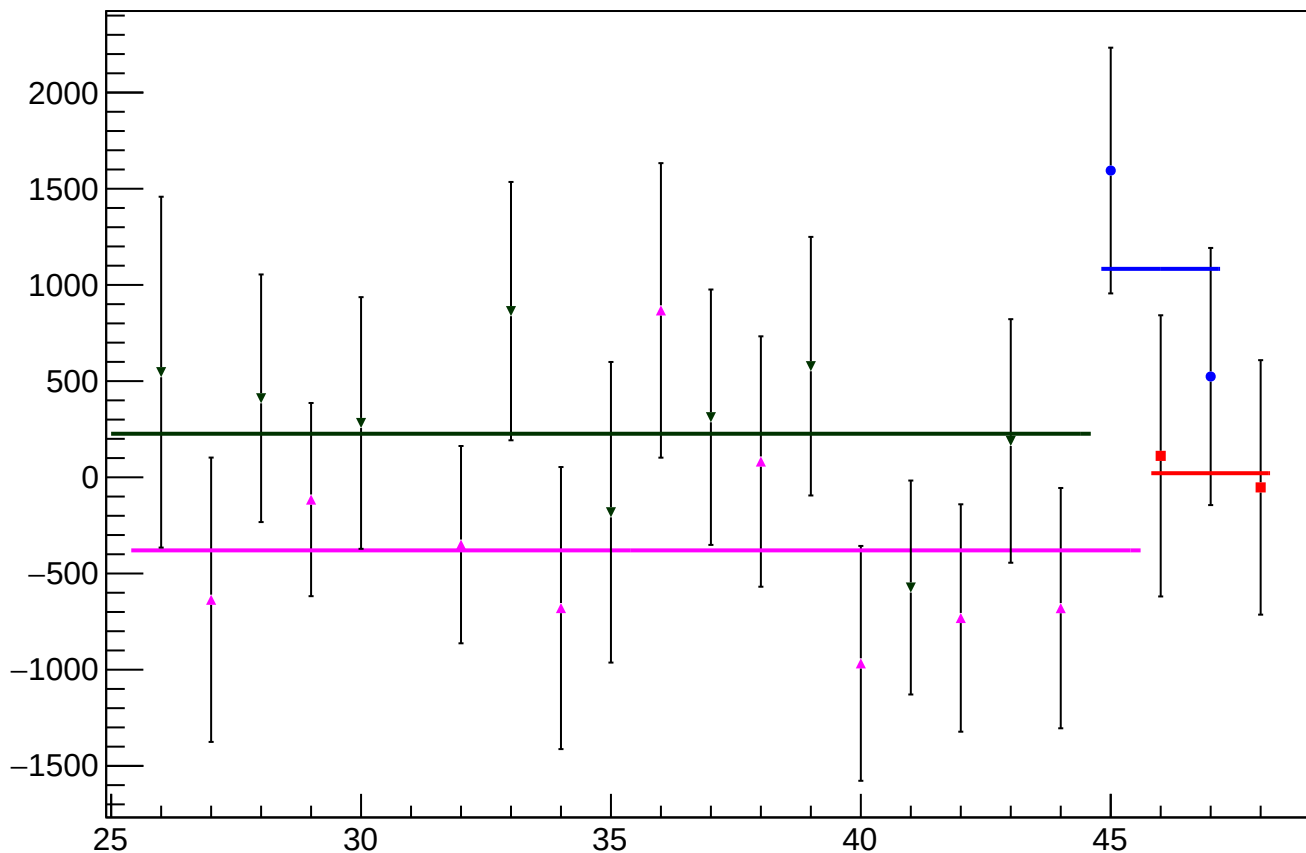
Right Out: 31.946+/-0.024 χ^2/NDF : 2317.4/1

Left In: 32.446+/-0.010 χ^2/NDF :15954.4/8

33.063+/-0.009 χ^2/NDF : 26215.4/11

32.378+/-0.009 χ^2/NDF : 18637.7/10

asym_right_avg_mean vs slug



Right In: 1083.525 $\pm$ 461.736 χ^2/NDF : 1.3/1

Left Out: 226.455 $\pm$ 223.469 χ^2/NDF : 3.7/8

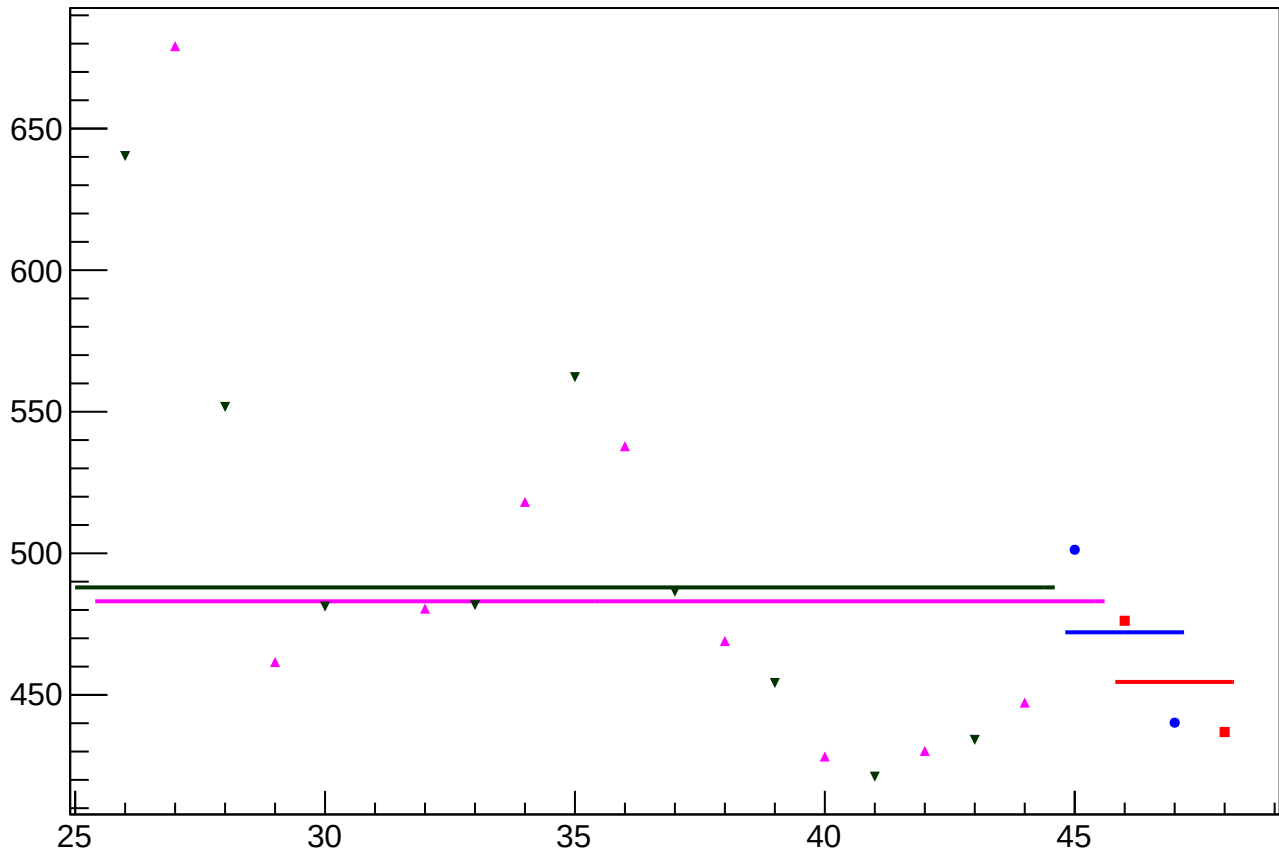
Right Out: 21.346 $\pm$ 490.394 χ^2/NDF : 0.0/1

Left In: -379.789 $\pm$ 205.675 χ^2/NDF : 5.2/8

389.110 $\pm$ 201.150 χ^2/NDF : 7.9/10

-319.783 $\pm$ 189.669 χ^2/NDF : 5.8/10

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

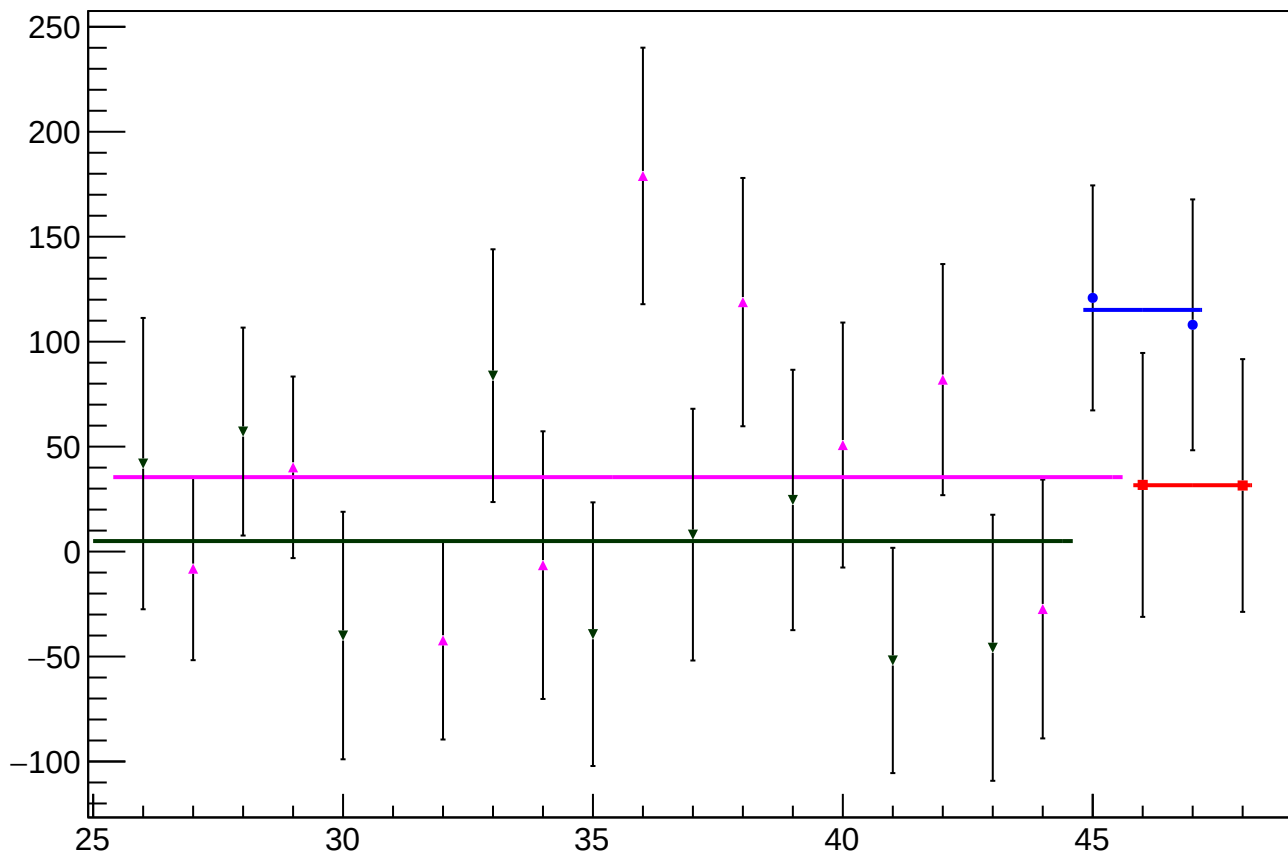
Right Out: 454.586 ± 0.347 χ^2/NDF : 3177.4/1

Left In: 483.059 ± 0.145 χ^2/NDF : 198865.1/8

484.959 ± 0.142 χ^2/NDF : 152951.1/10

478.799 ± 0.134 χ^2/NDF : 207775.9/10

asym_right_dd_mean vs slug



Right In: 115.133+/-39.897 χ^2/NDF : 0.0/1

Left Out: 5.008+/-19.738 χ^2/NDF :6.1/8

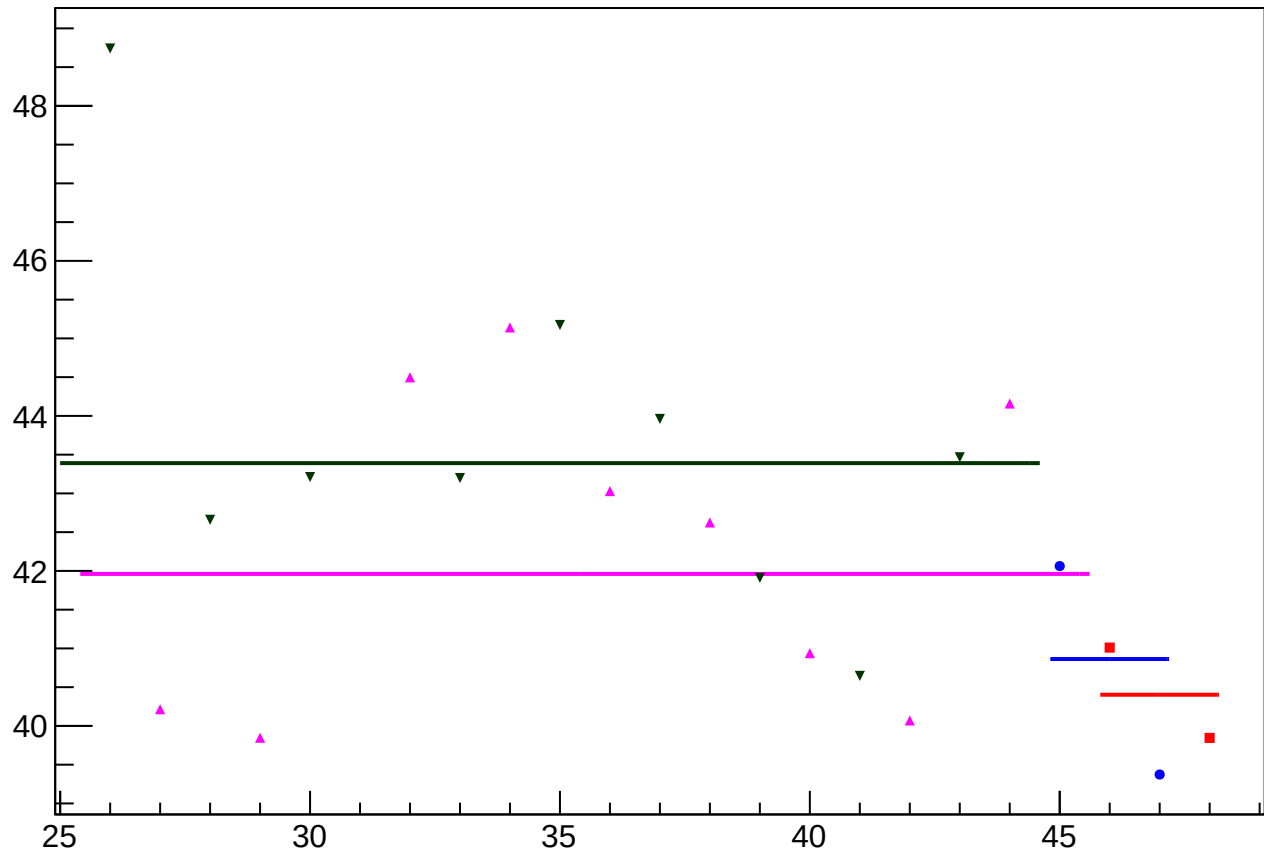
Right Out: 31.613+/-43.481 χ^2/NDF : 0.0/1

Left In: 35.466+/-17.692 χ^2/NDF :13.5/8

26.662+/-17.691 χ^2/NDF : 12.2/10

34.919+/-16.387 χ^2/NDF : 13.5/10

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

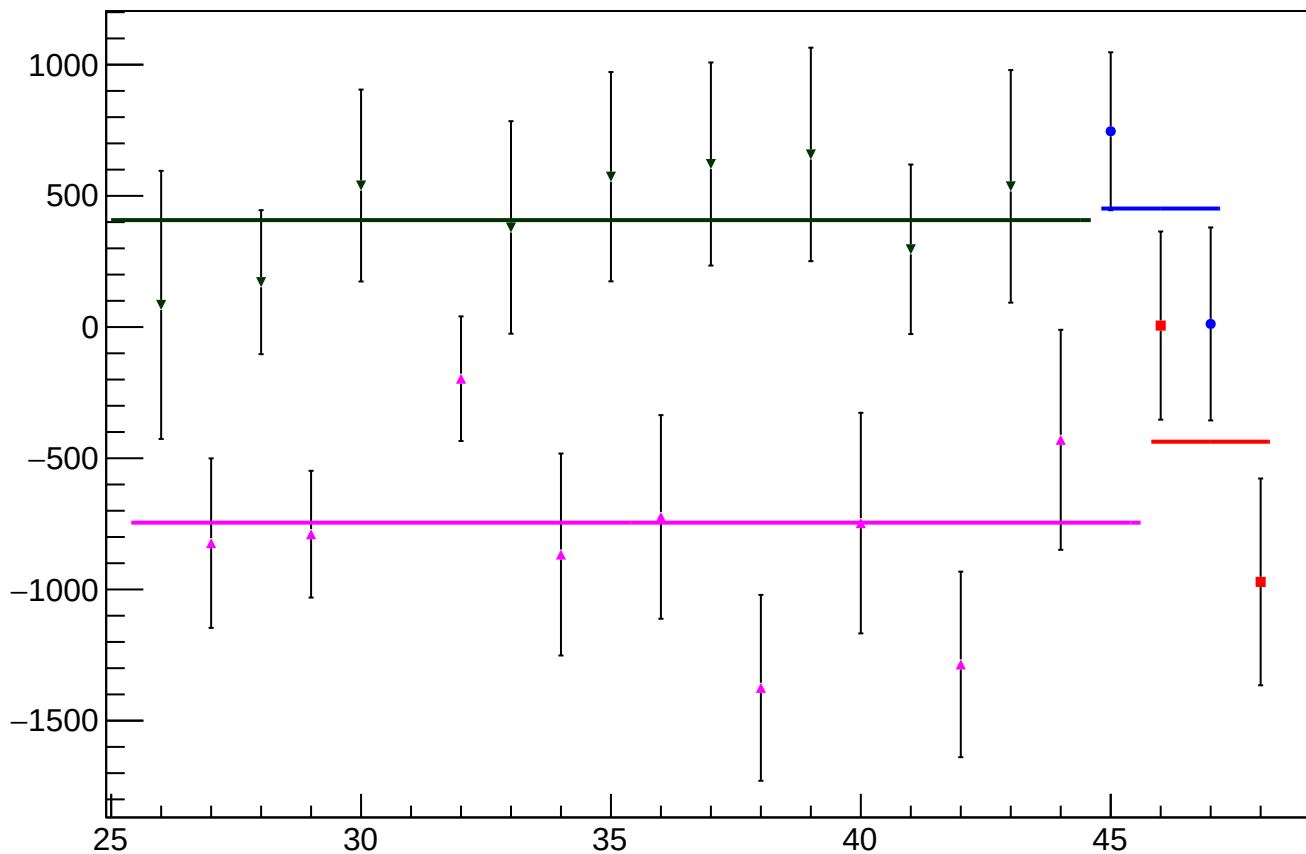
Right Out: 40.403 ± 0.031 χ^2/NDF : 358.0/1

Left In: 41.961 ± 0.013 χ^2/NDF : 25099.5/8

42.894 ± 0.013 χ^2/NDF : 29221.7/10

41.740 ± 0.012 χ^2/NDF : 27663.0/10

asym_us_avg_mean vs slug



Right In: 451.738+/-232.889 χ^2/NDF : 2.4/1

Left Out: 407.654+/-124.646 χ^2/NDF : 2.3/8

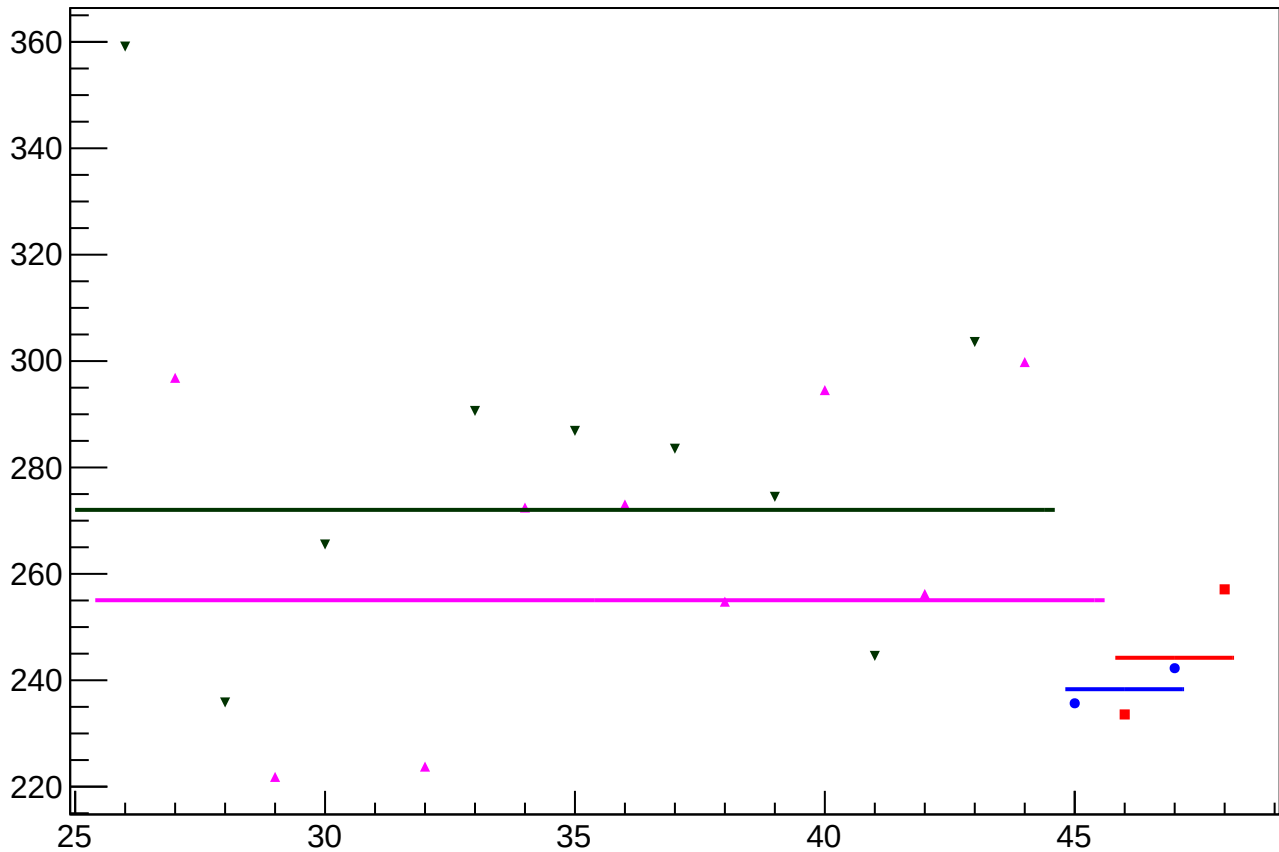
Right Out: -436.880+/-265.186 χ^2/NDF : 3.4/1

Left In: -745.341+/-108.352 χ^2/NDF : 11.6/8

417.471+/-109.896 χ^2/NDF : 4.8/10

-701.212+/-100.303 χ^2/NDF : 16.1/10

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

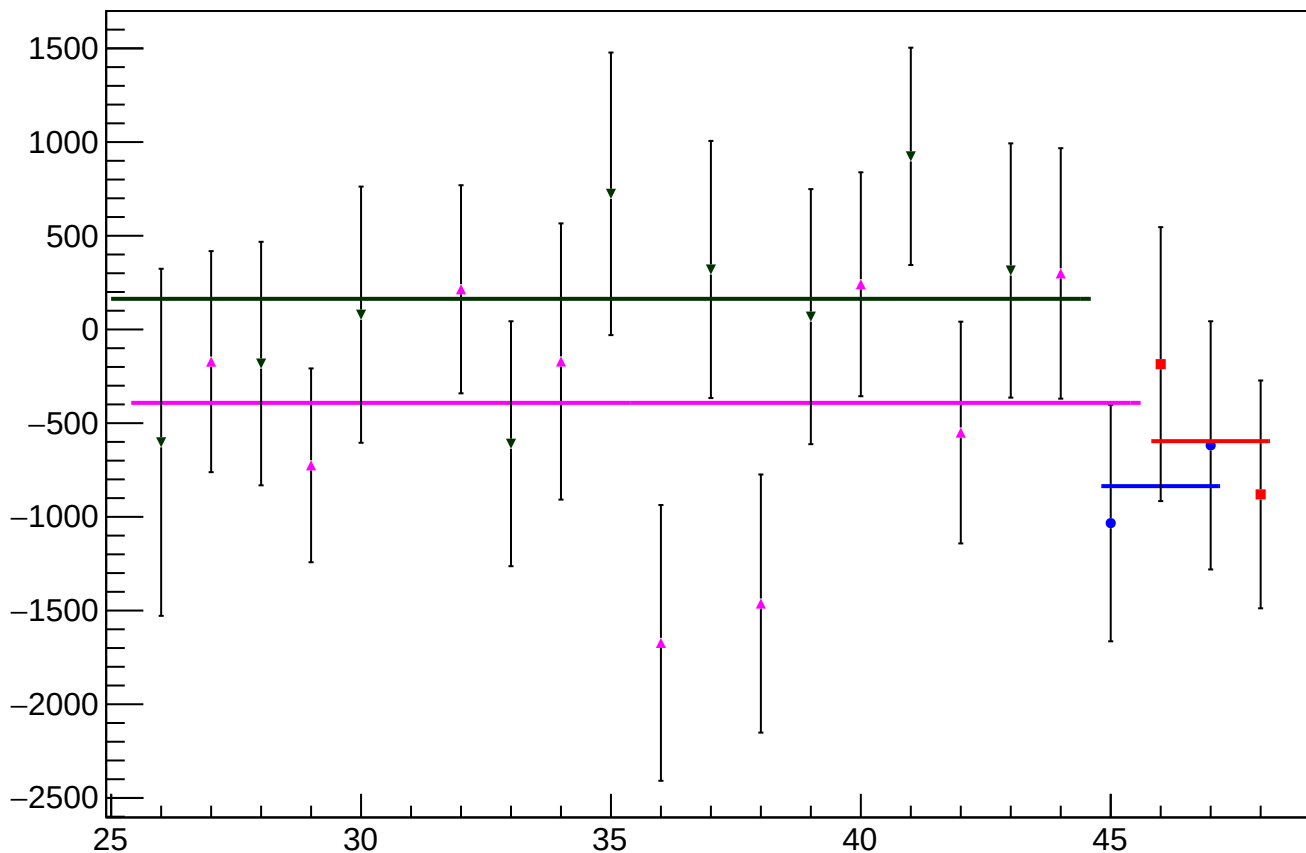
Right Out: 244.229+/-0.188 χ^2/NDF : 3897.8/1

Left In: 255.044+/-0.077 χ^2/NDF :154932.2/8

264.523+/-0.078 χ^2/NDF : 159939.9/10

253.497+/-0.071 χ^2/NDF : 161681.0/10

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

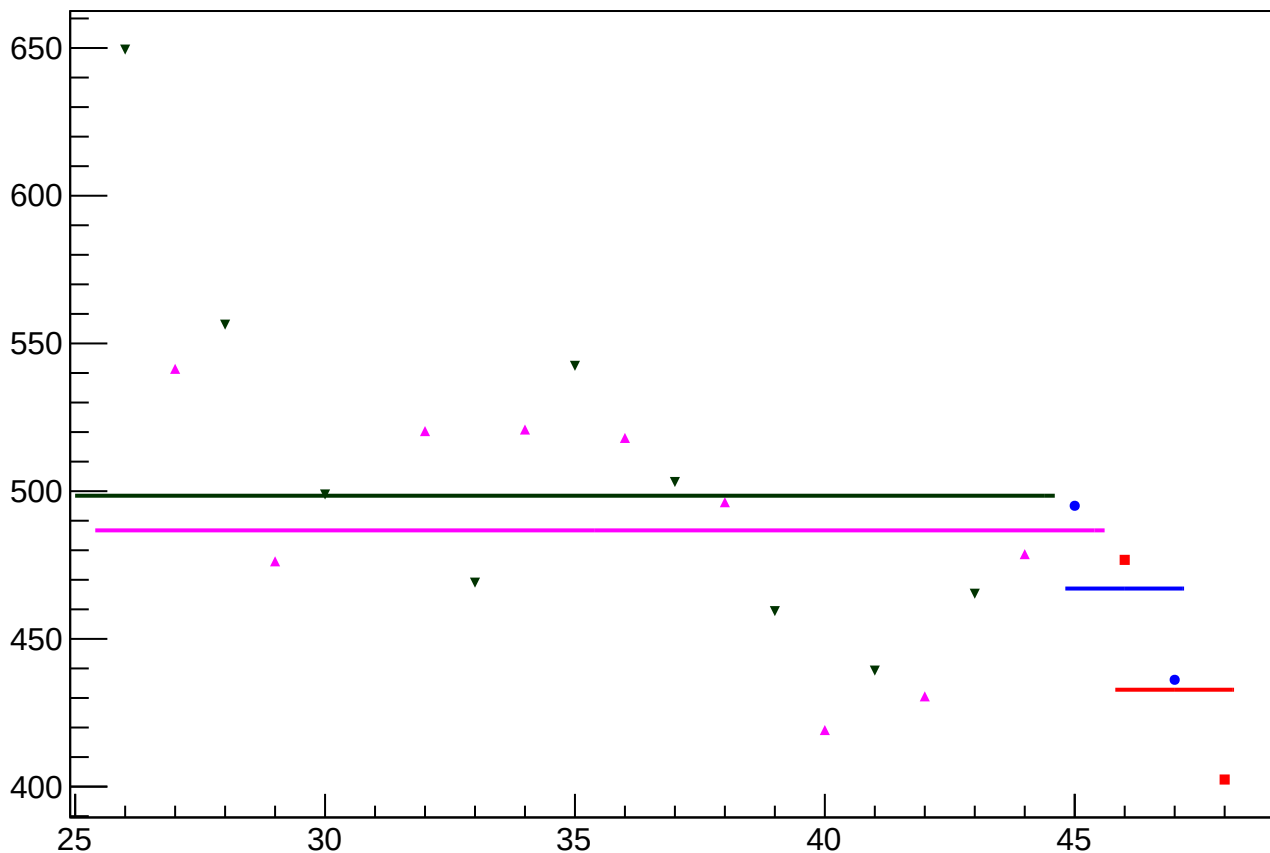
Right Out: -595.963+/-467.358 χ^2/NDF : 0.5/1

Left In: -391.603+/-206.064 χ^2/NDF :9.5/8

-36.209+/-204.127 χ^2/NDF : 8.8/10

-424.865+/-188.550 χ^2/NDF : 10.2/10

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

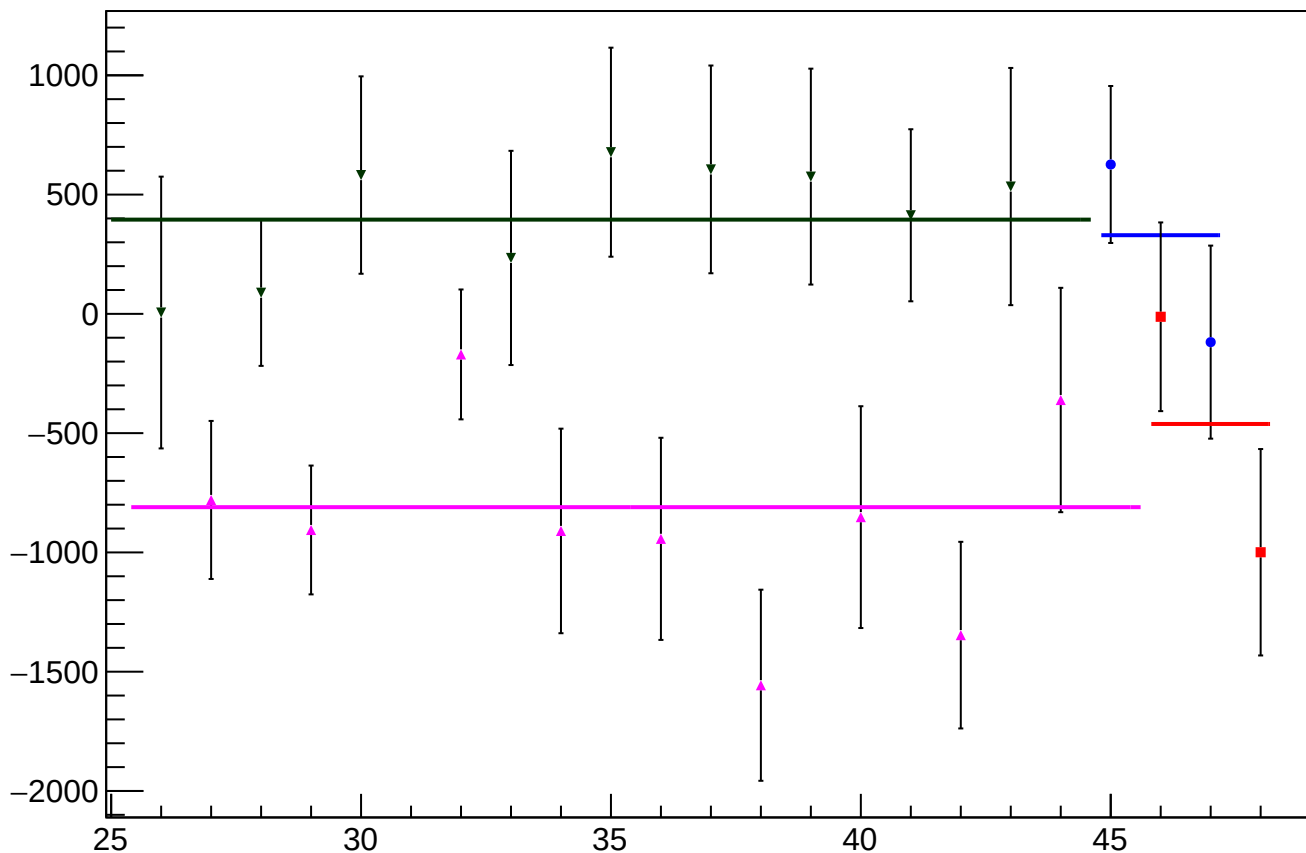
Right Out: 432.795 ± 0.330 χ^2/NDF : 12233.2/1

Left In: 486.730 ± 0.146 χ^2/NDF : 77533.3/8

492.184 ± 0.144 χ^2/NDF : 128086.2/10

477.951 ± 0.133 χ^2/NDF : 112067.4/10

asym_ds_avg_mean vs slug



Right In: 329.757 $\pm$ 255.273 χ^2/NDF : 2.0/1

Left Out: 395.054 $\pm$ 139.188 χ^2/NDF : 2.7/8

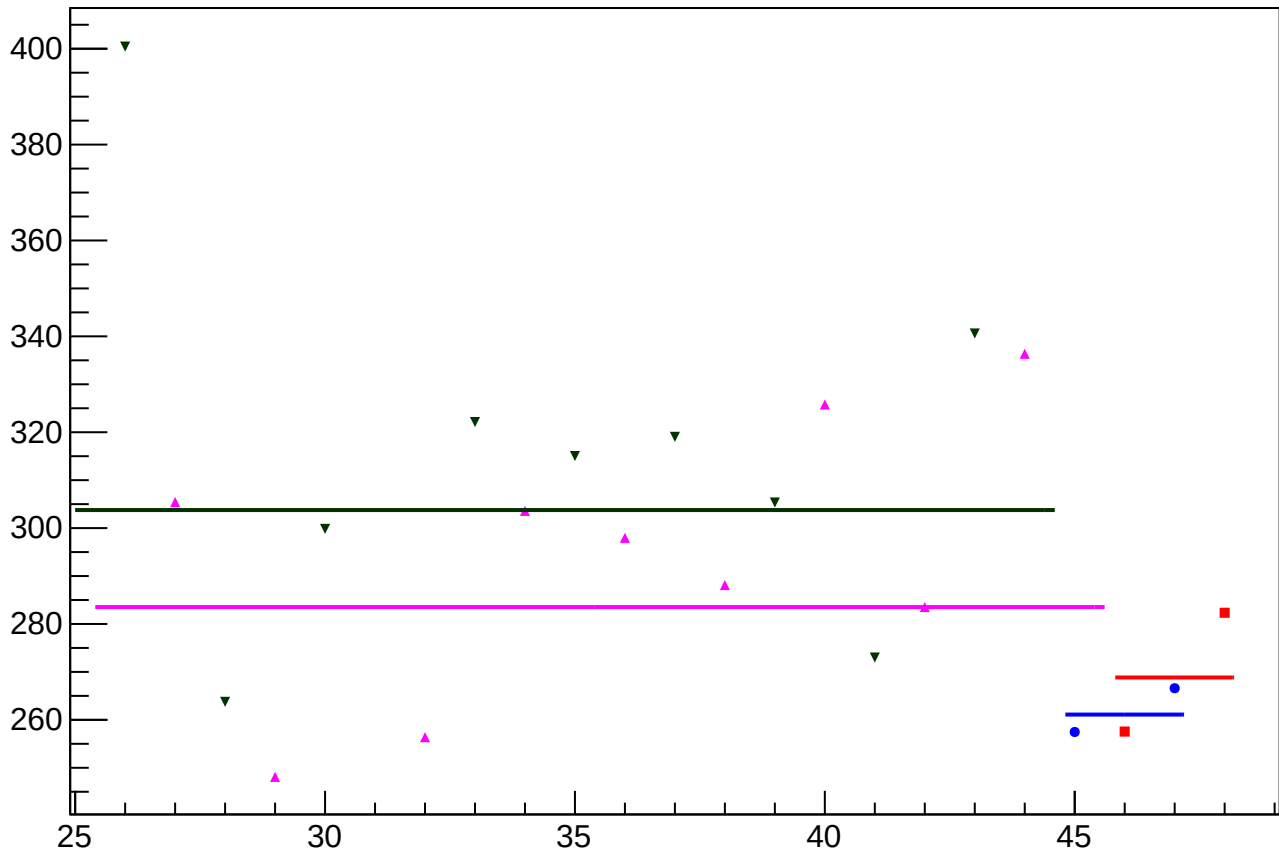
Right Out: -461.580 $\pm$ 291.922 χ^2/NDF : 2.8/1

Left In: -810.313 $\pm$ 120.172 χ^2/NDF : 12.1/8

380.090 $\pm$ 122.203 χ^2/NDF : 4.8/10

-759.780 $\pm$ 111.125 χ^2/NDF : 16.1/10

asym_ds_avg_rms vs slug



Right In: 261.100+/-0.181 χ^2/NDF : 612.3/1

Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

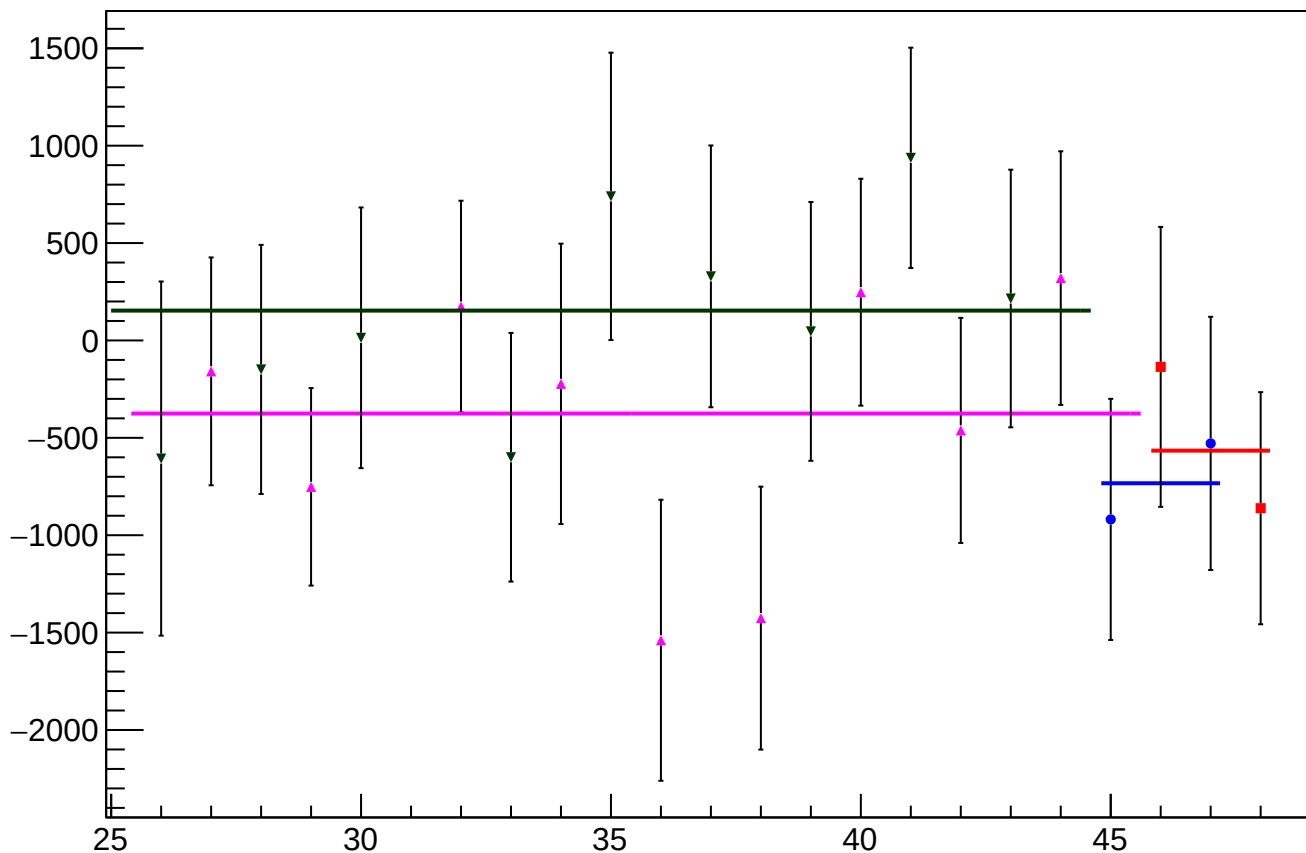
293.988+/-0.086 χ^2/NDF : 168189.5/10

Right Out: 268.838+/-0.206 χ^2/NDF : 3575.1/1

281.403+/-0.079 χ^2/NDF : 119685.4/10

Left In: 283.532+/-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

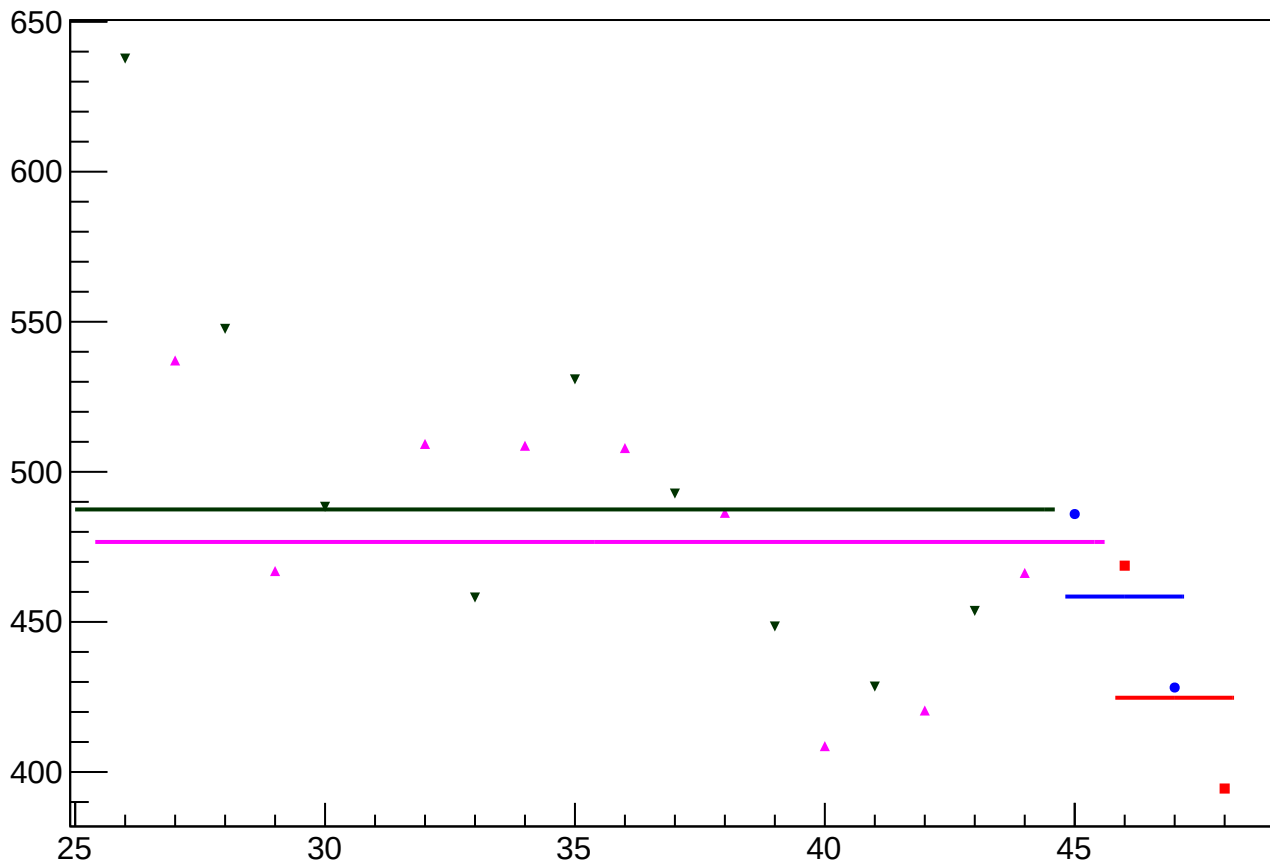
Right Out: -565.745+/-458.716 χ^2/NDF : 0.6/1

Left In: -375.323+/-201.839 χ^2/NDF : 9.1/8

-22.857+/-199.819 χ^2/NDF : 8.3/10

-406.210+/-184.745 χ^2/NDF : 9.8/10

asym_ds_dd_rms vs slug



Right In: 458.453 ± 0.317 χ^2/NDF : 8291.0/1

Left Out: 487.474 ± 0.158 χ^2/NDF : 117424.5/8

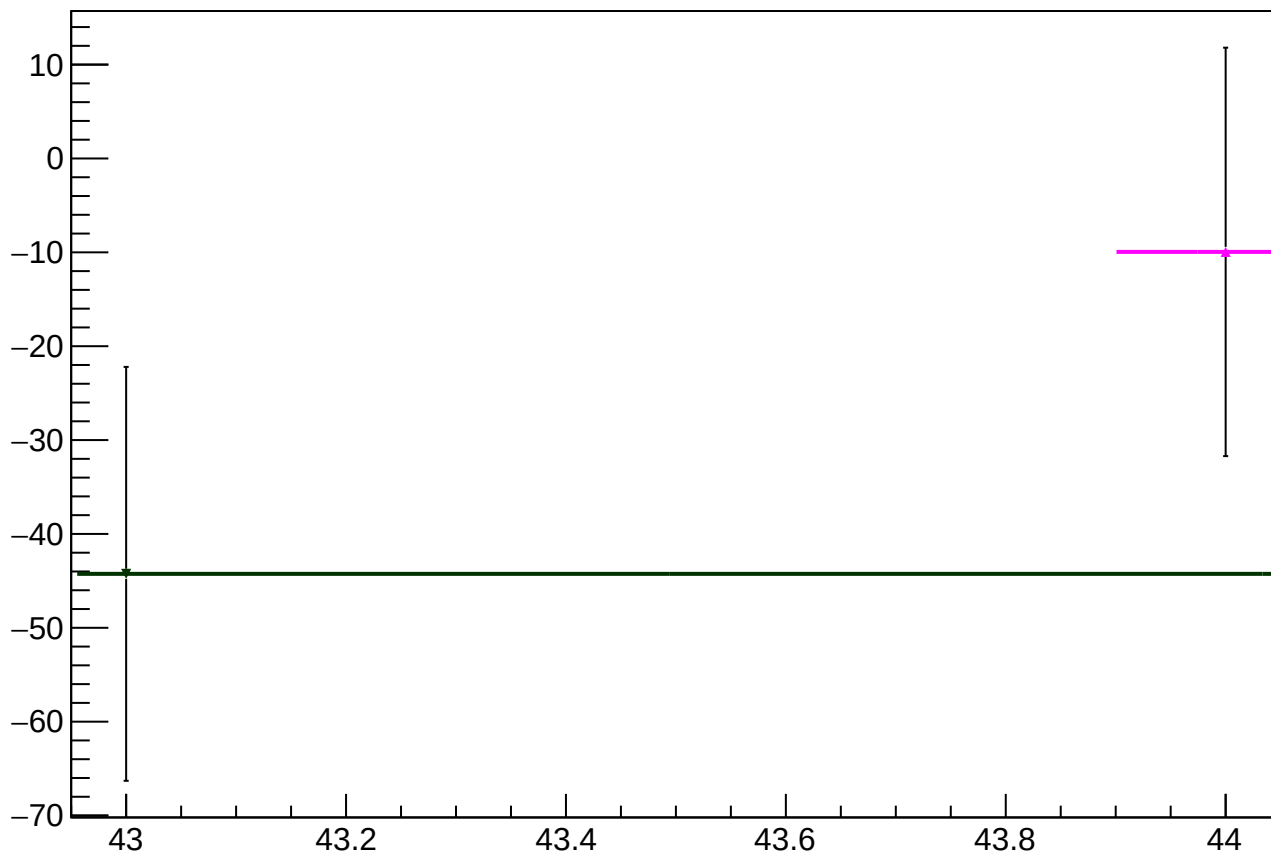
Right Out: 424.741 ± 0.324 χ^2/NDF : 12649.9/1

Left In: 476.643 ± 0.143 χ^2/NDF : 84134.8/8

481.708 ± 0.141 χ^2/NDF : 132431.7/10

468.224 ± 0.131 χ^2/NDF : 118236.0/10

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

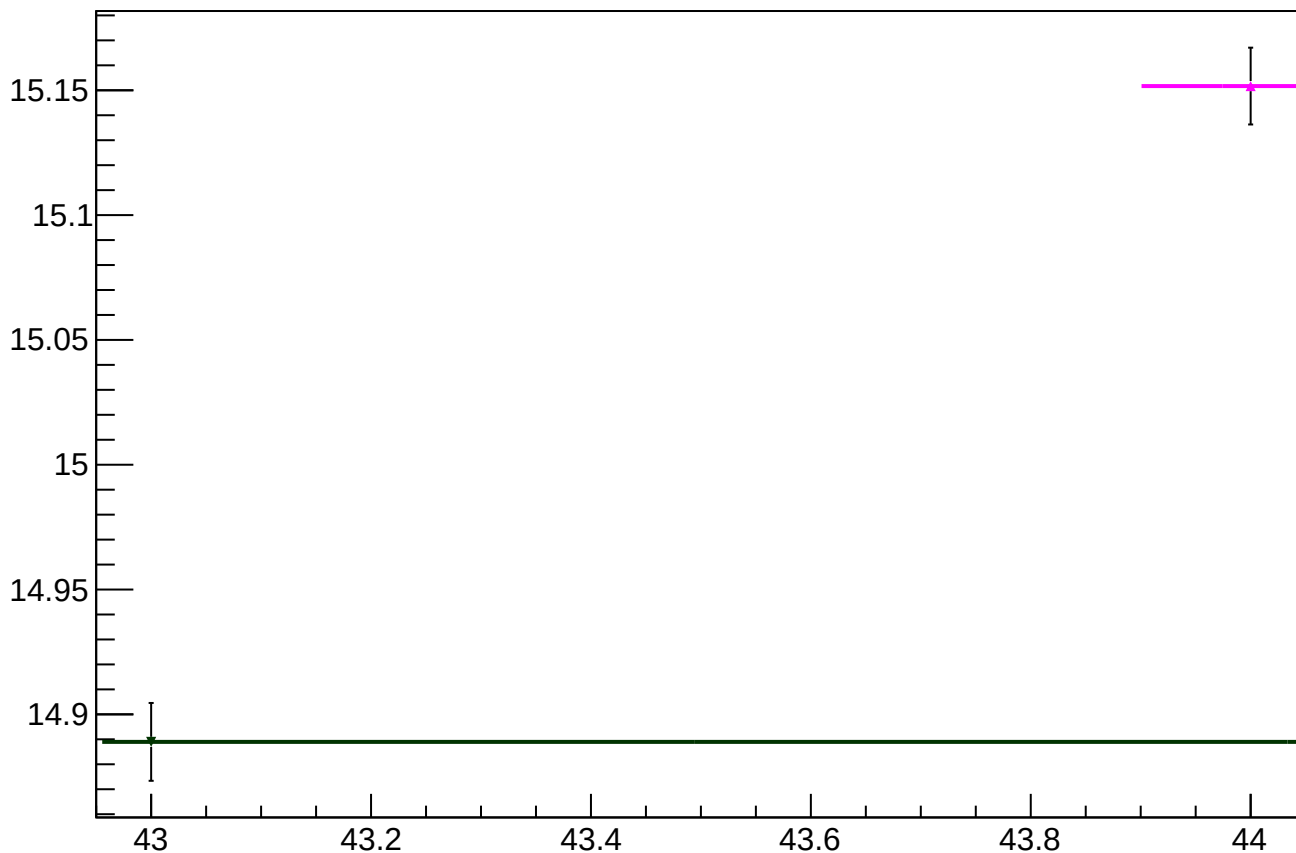
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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

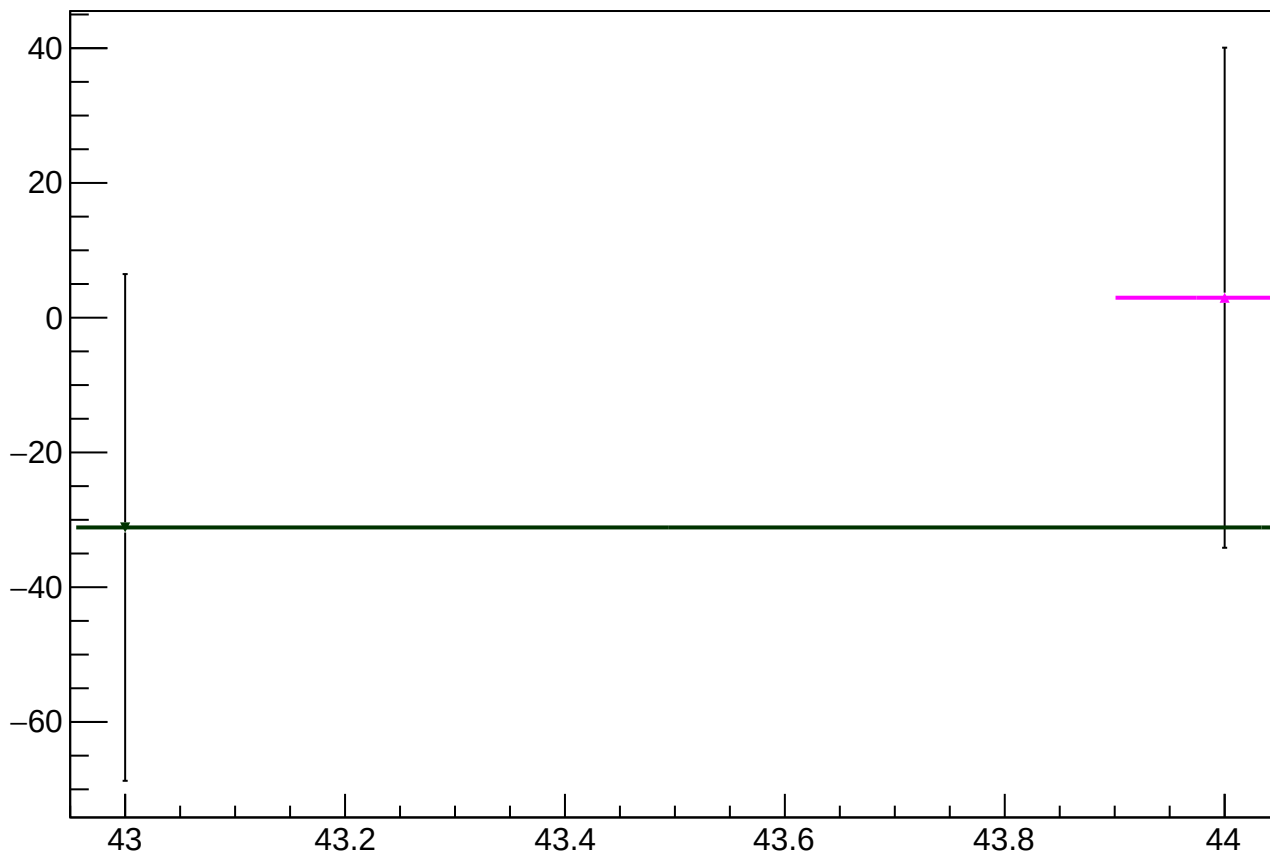
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

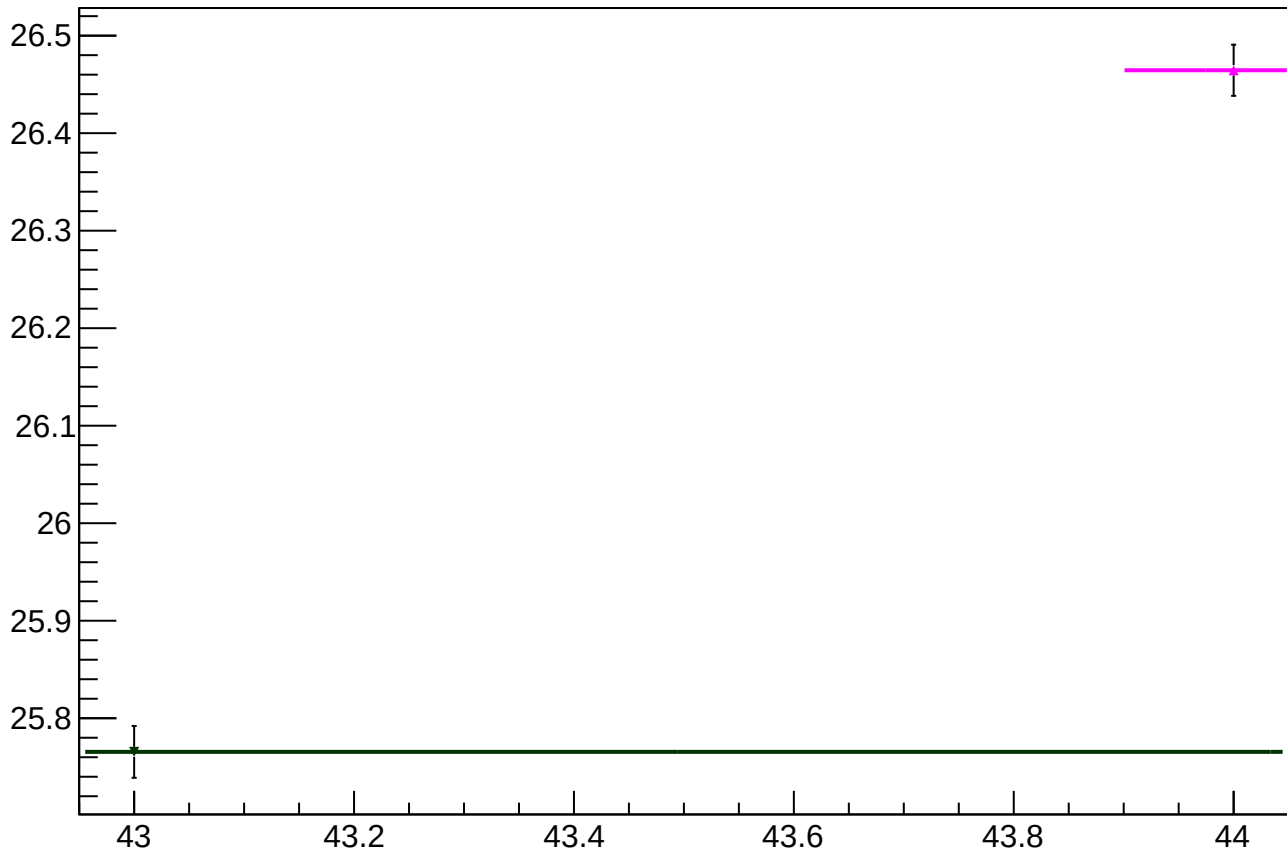
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-31.130+/-37.603 χ^2/NDF : 0.0/0

2.964+/-37.111 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs slug



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

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

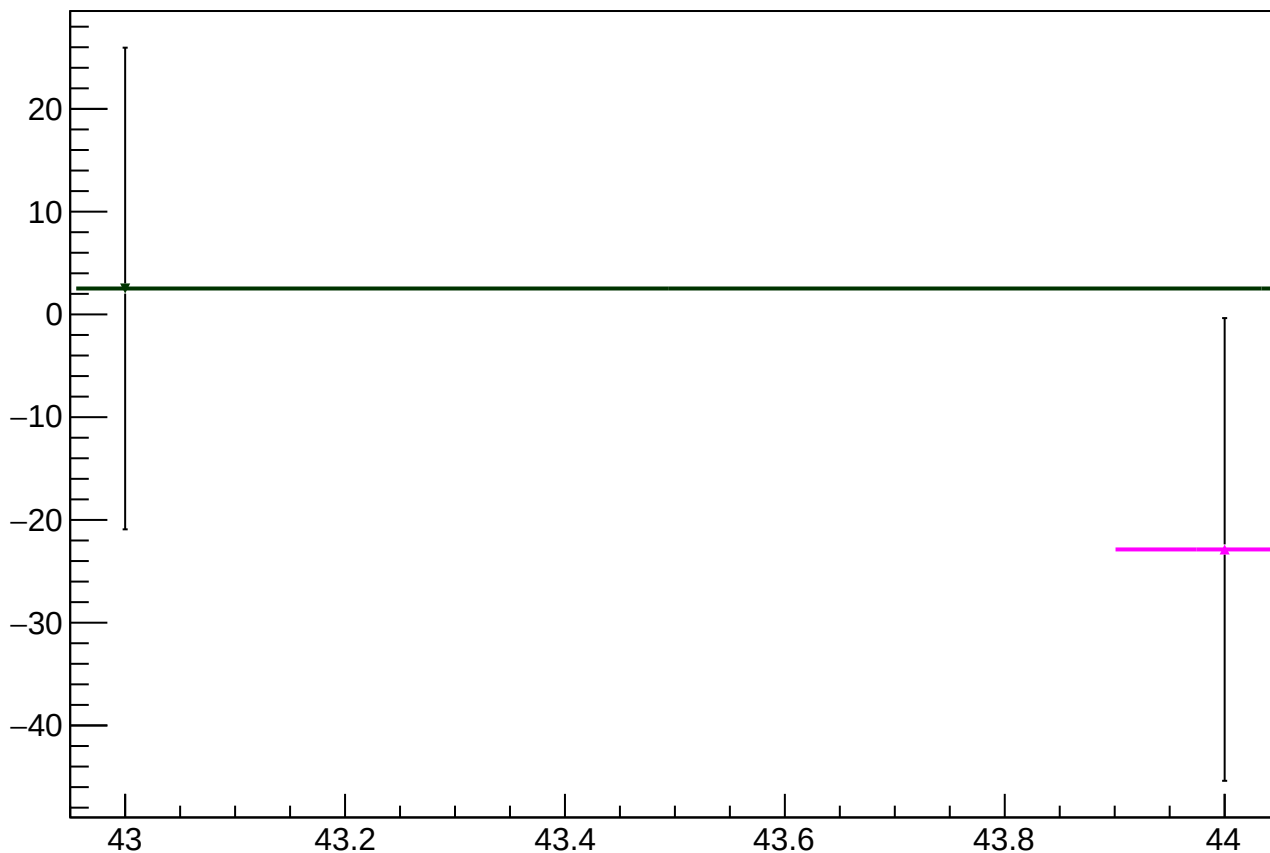
25.766+/-0.027 χ^2/NDF : 0.0/0

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

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

26.465+/-0.026 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

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

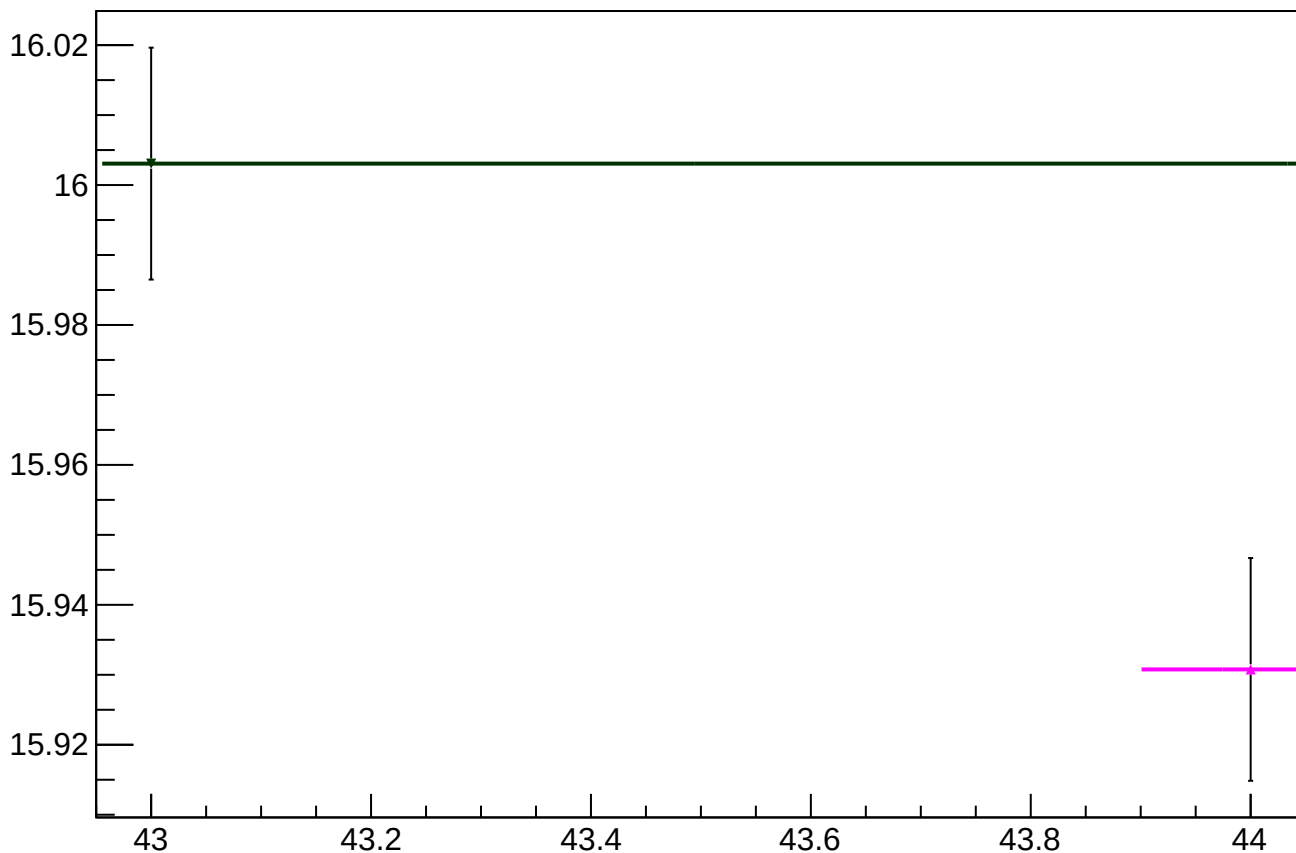
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2.521 $\pm$ 23.436 χ^2 /NDF: 0.0/0

-22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



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

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

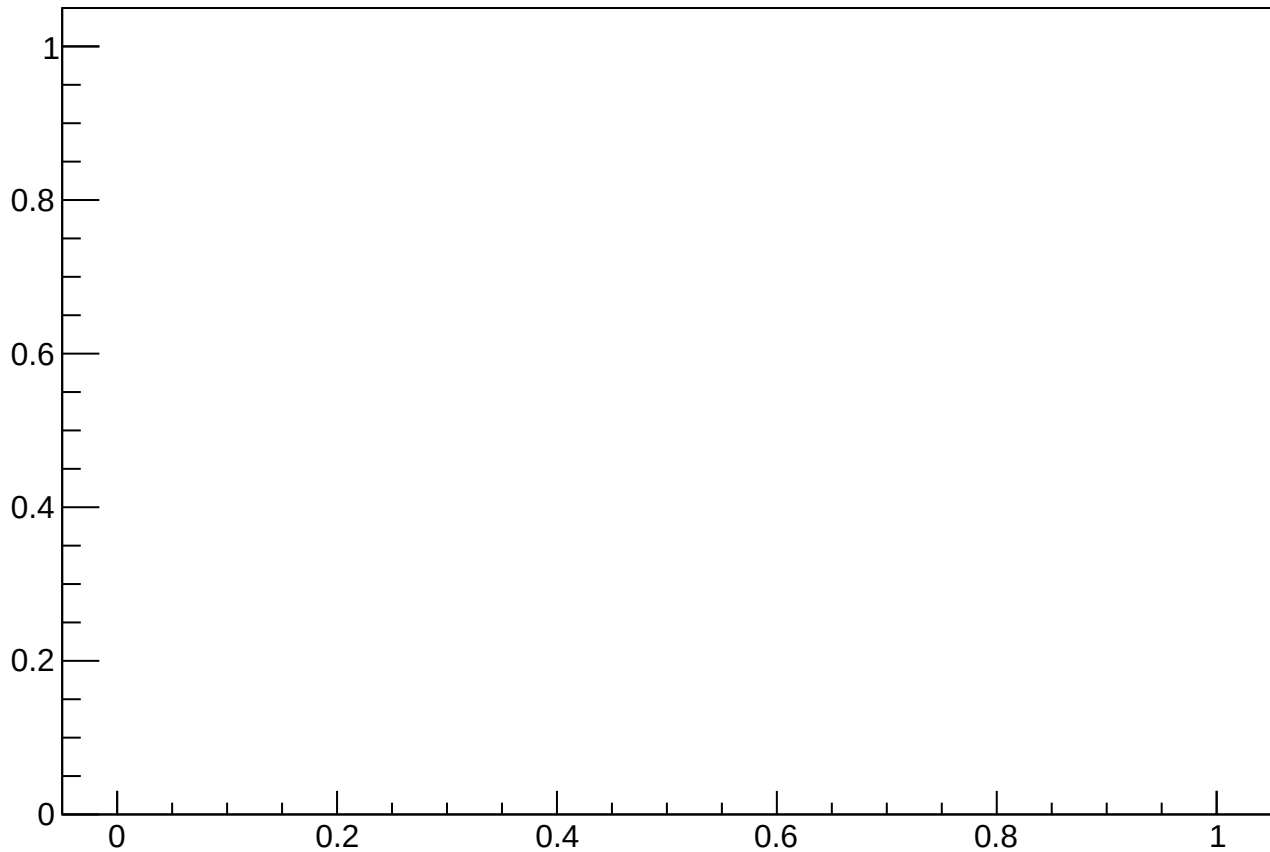
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

16.003 $\pm$ 0.017 χ^2/NDF : 0.0/0

15.931 $\pm$ 0.016 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_mean vs slug



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

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

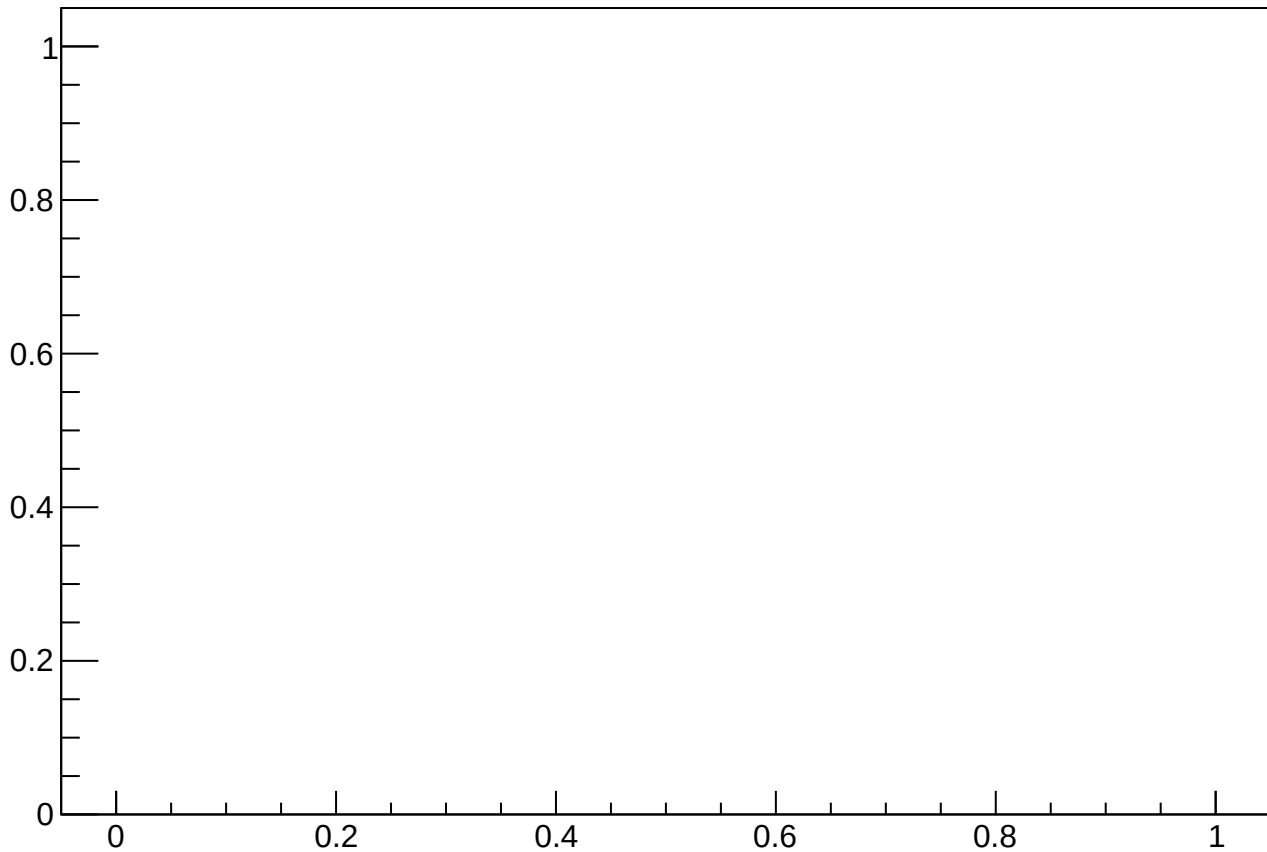
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

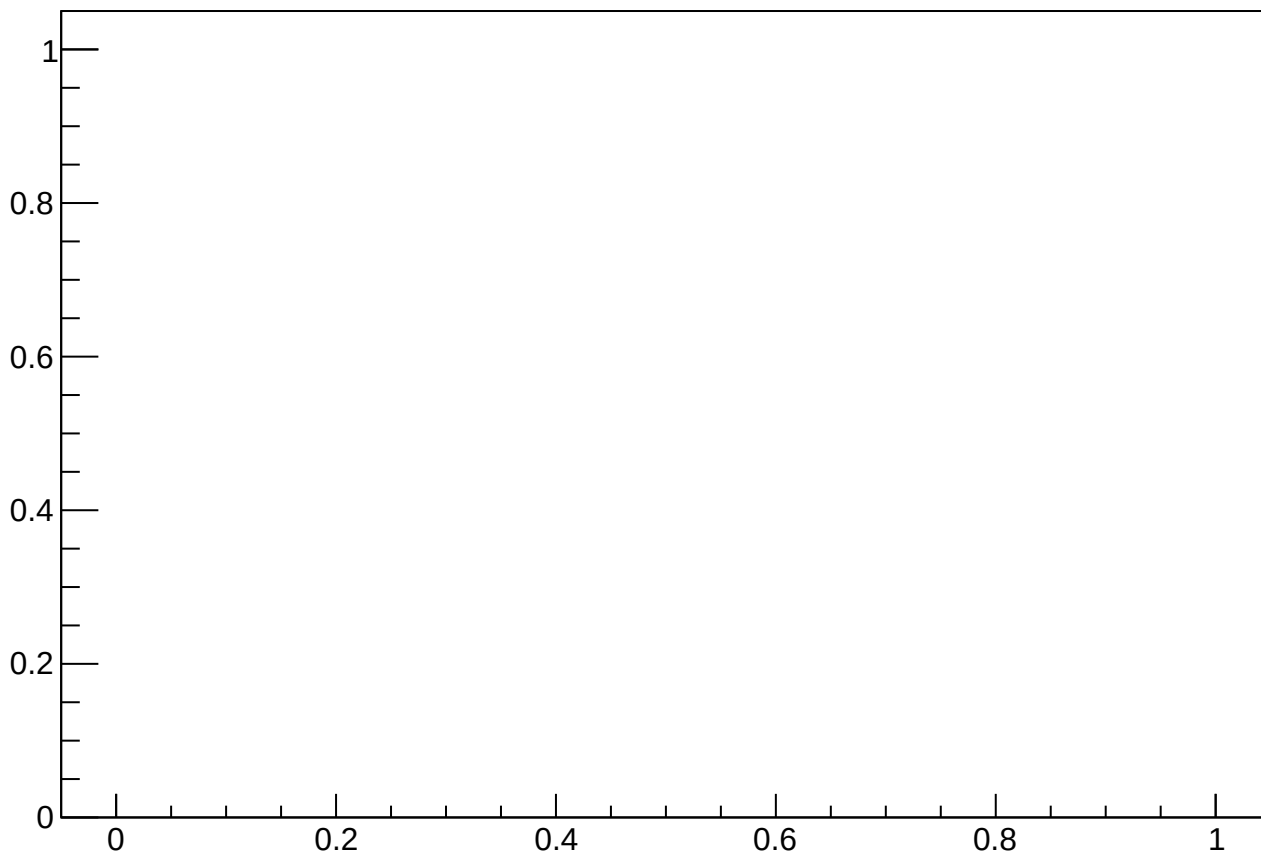
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_rms vs slug



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

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

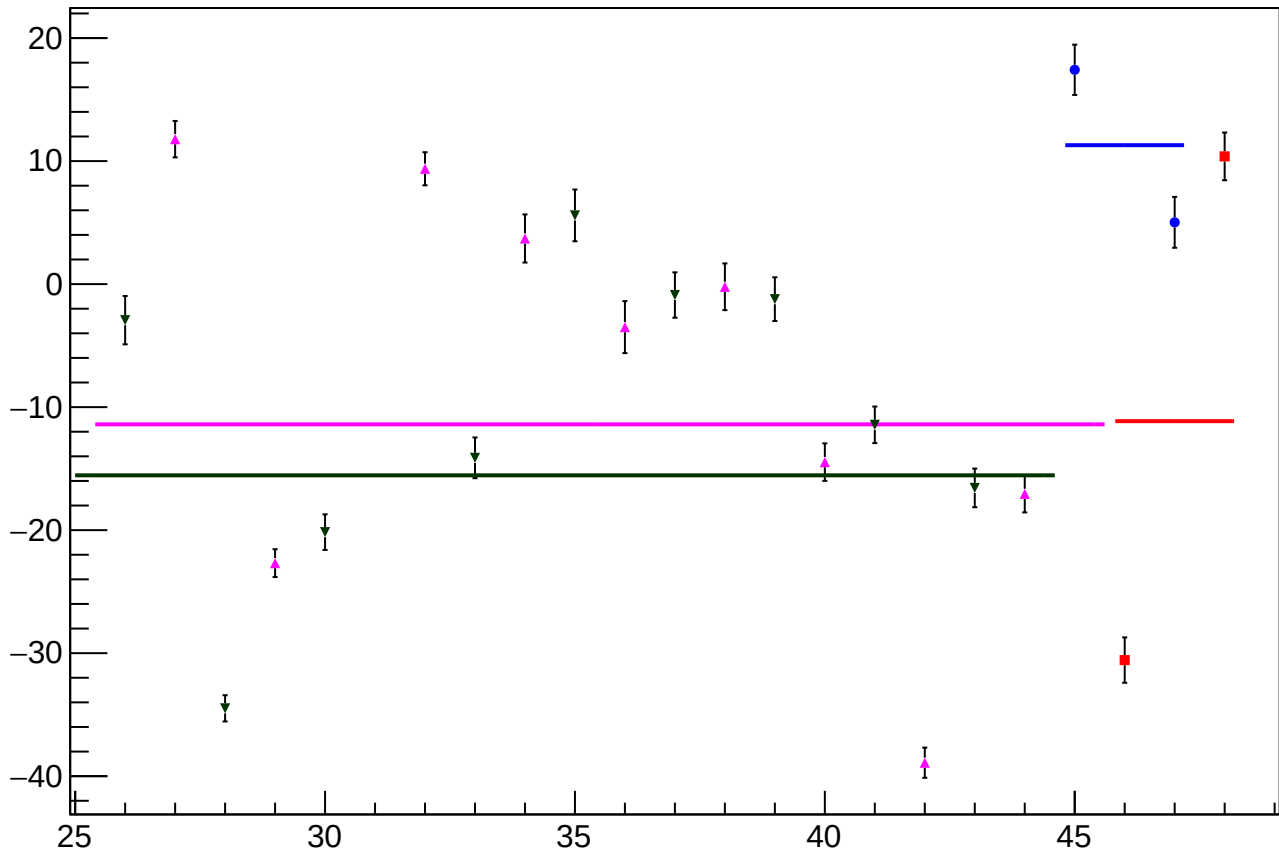
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: 11.292 ± 1.454 χ^2/NDF : 18.2/1

Left Out: -15.543 ± 0.522 χ^2/NDF : 604.1/8

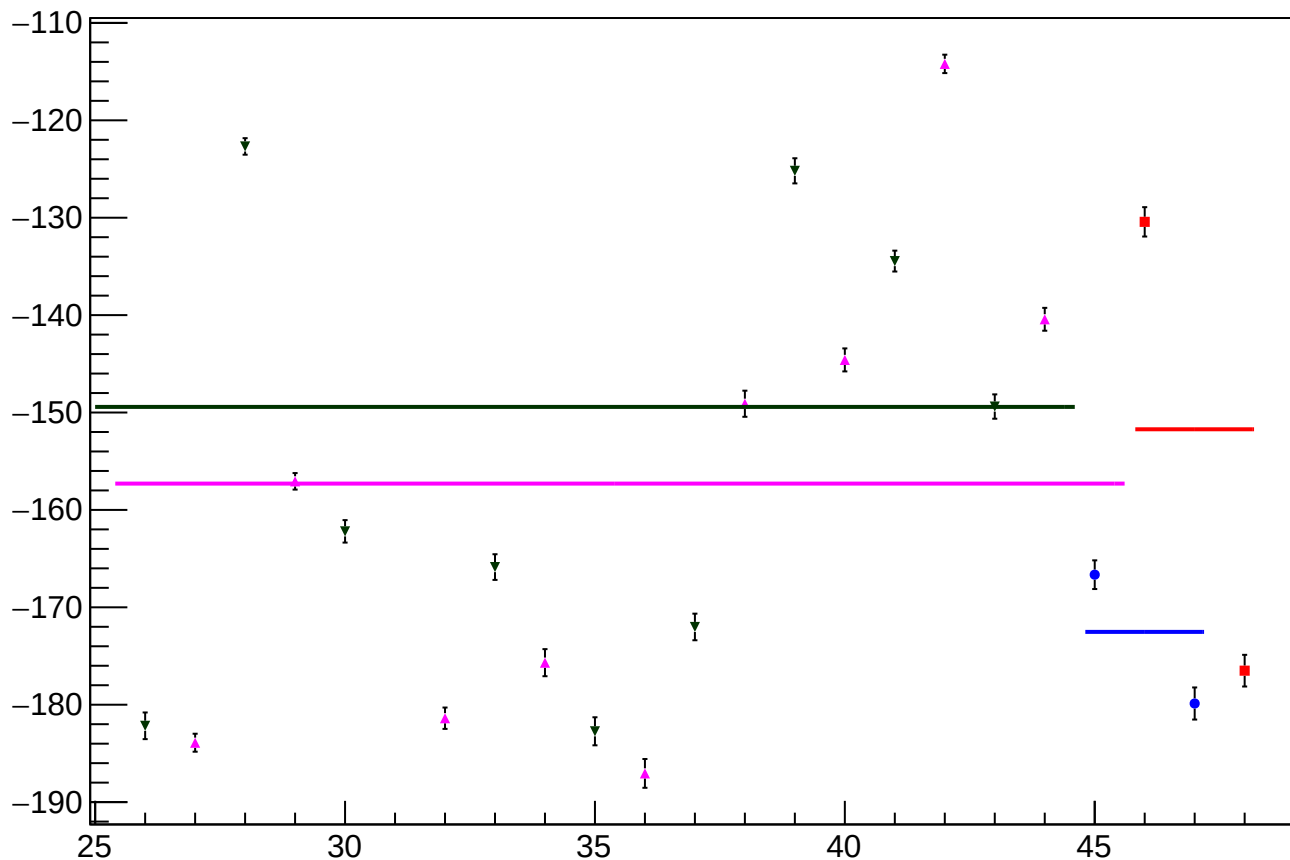
Right Out: -11.141 ± 1.336 χ^2/NDF : 234.1/1

Left In: -11.401 ± 0.495 χ^2/NDF : 1211.6/8

-12.480 ± 0.491 χ^2/NDF : 924.2/10

-11.369 ± 0.464 χ^2/NDF : 1445.7/10

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

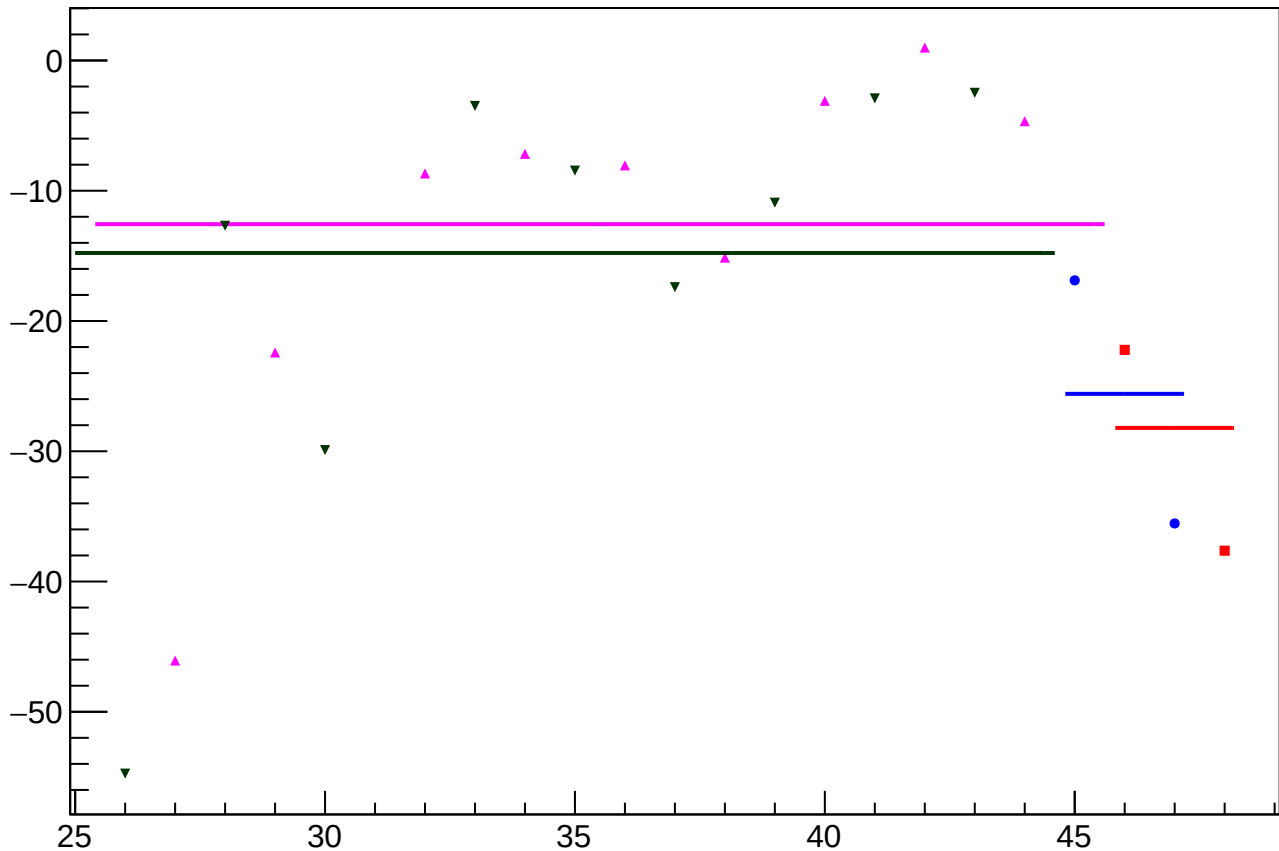
Right Out: -151.722+/-1.106 χ^2/NDF : 431.8/1

Left In: -157.298+/-0.365 χ^2/NDF : 4330.4/8

-152.082+/-0.372 χ^2/NDF : 3628.1/10

-156.748+/-0.347 χ^2/NDF : 4785.1/10

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

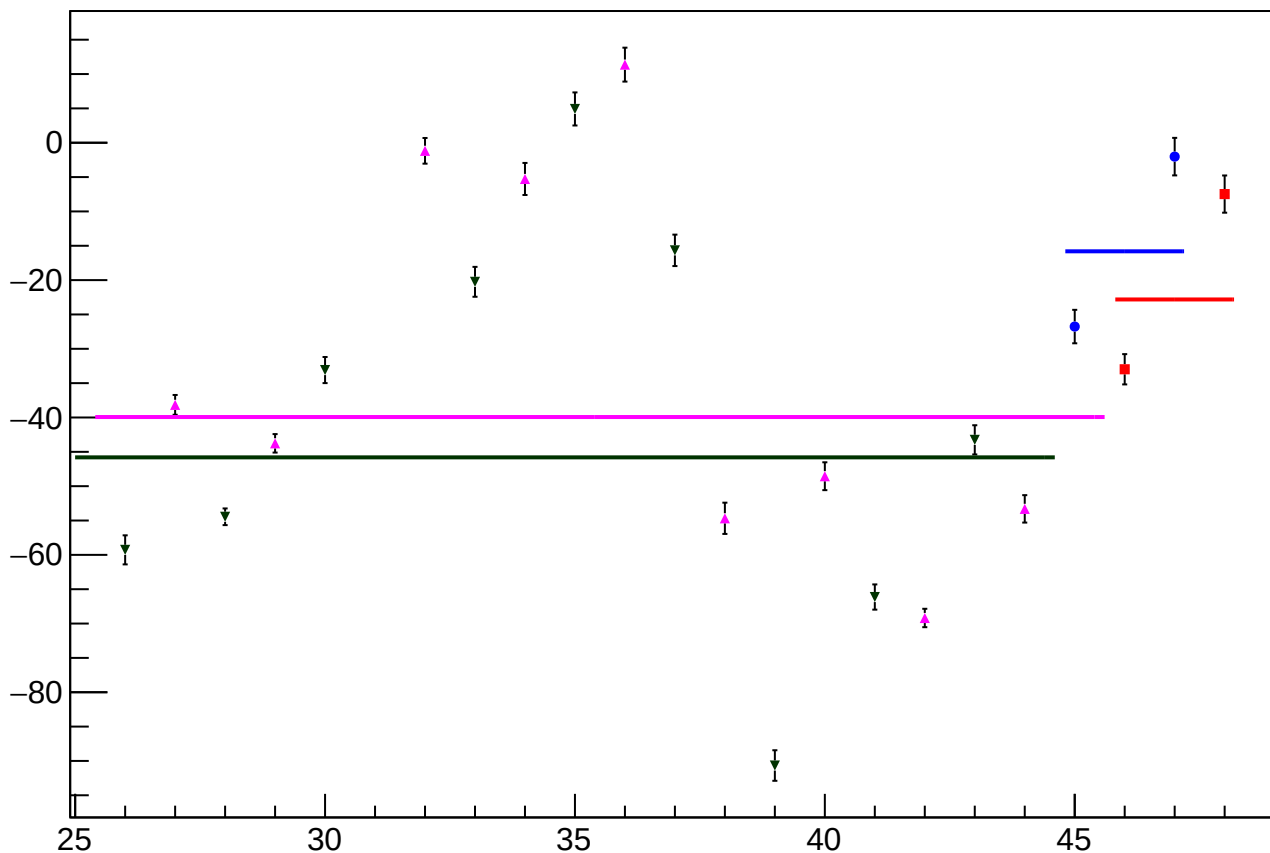
Right Out: -28.207 ± 0.219 χ^2/NDF : 1172.7/1

Left In: -12.566 ± 0.085 χ^2/NDF : 25284.3/8

-16.095 ± 0.083 χ^2/NDF : 29663.1/10

-14.615 ± 0.079 χ^2/NDF : 30871.8/10

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

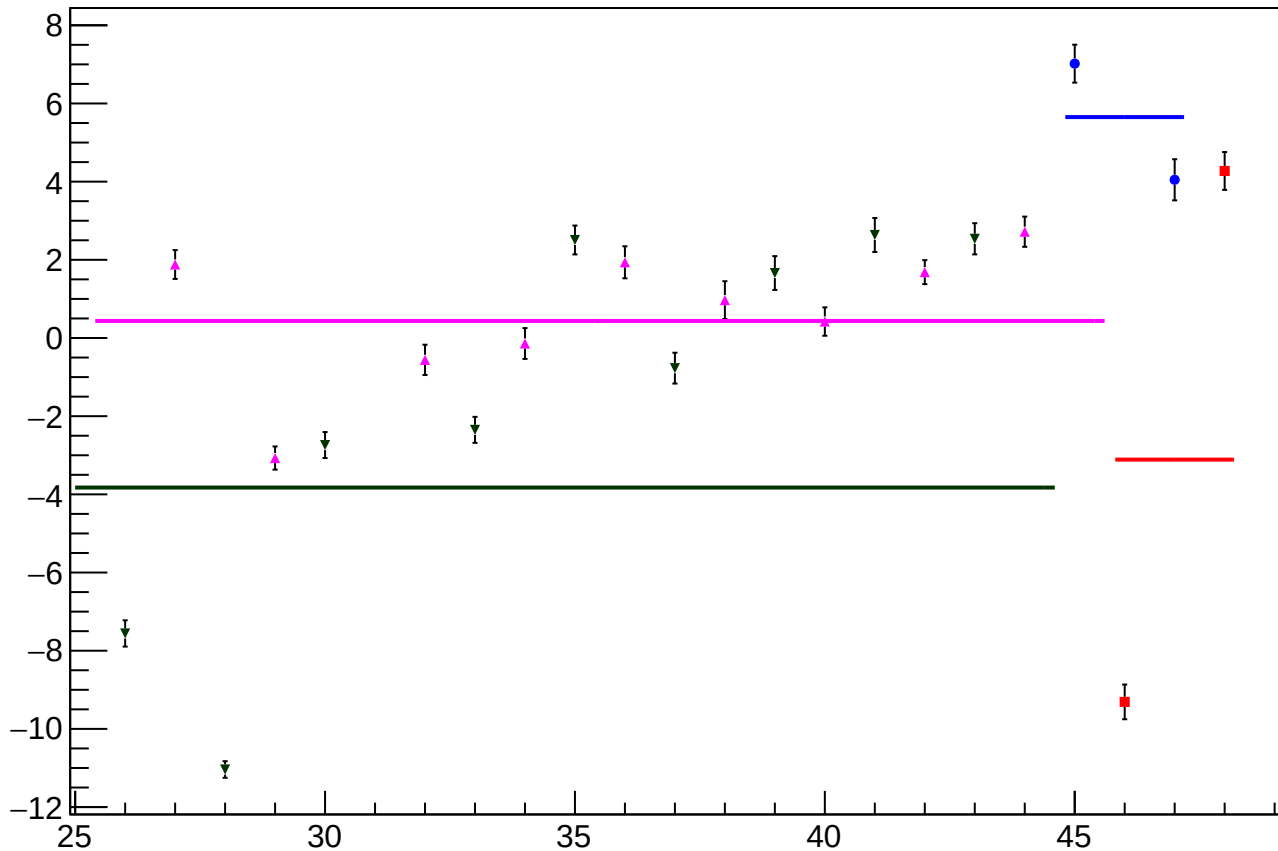
-42.536+/-0.600 χ^2/NDF : 1710.9/10

Right Out: -22.817+/-1.710 χ^2/NDF : 53.3/1

-38.135+/-0.554 χ^2/NDF : 1817.5/10

Left In: -39.933+/-0.586 χ^2/NDF :1674.5/8

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

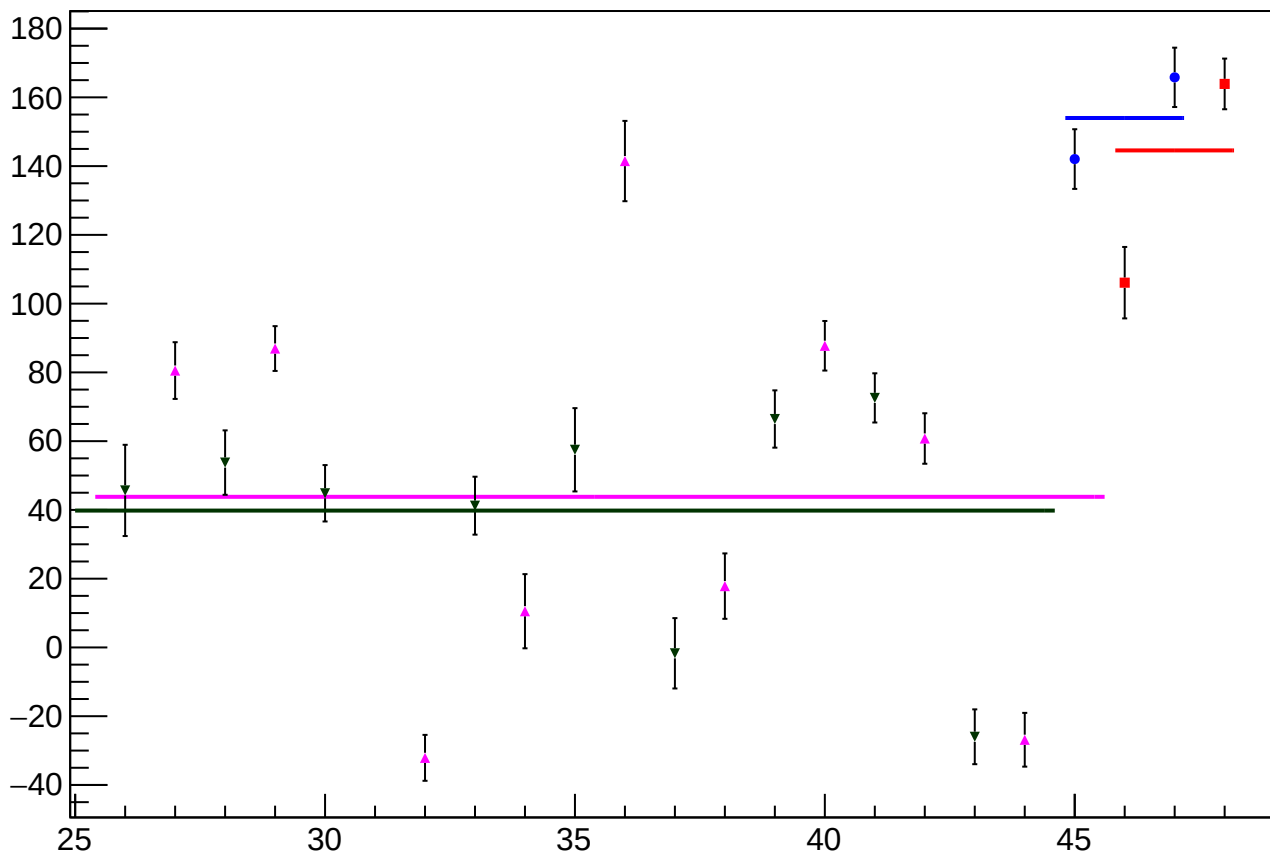
Right Out: -3.111 $\pm$ 0.327 χ^2 /NDF: 426.9/1

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-2.976 $\pm$ 0.107 χ^2 /NDF: 2957.8/10

0.003 $\pm$ 0.114 χ^2 /NDF: 760.2/10

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 153.996 $\pm$ 6.120 χ^2/NDF : 3.8/1

Left Out: 39.807 $\pm$ 2.987 χ^2/NDF :120.7/8

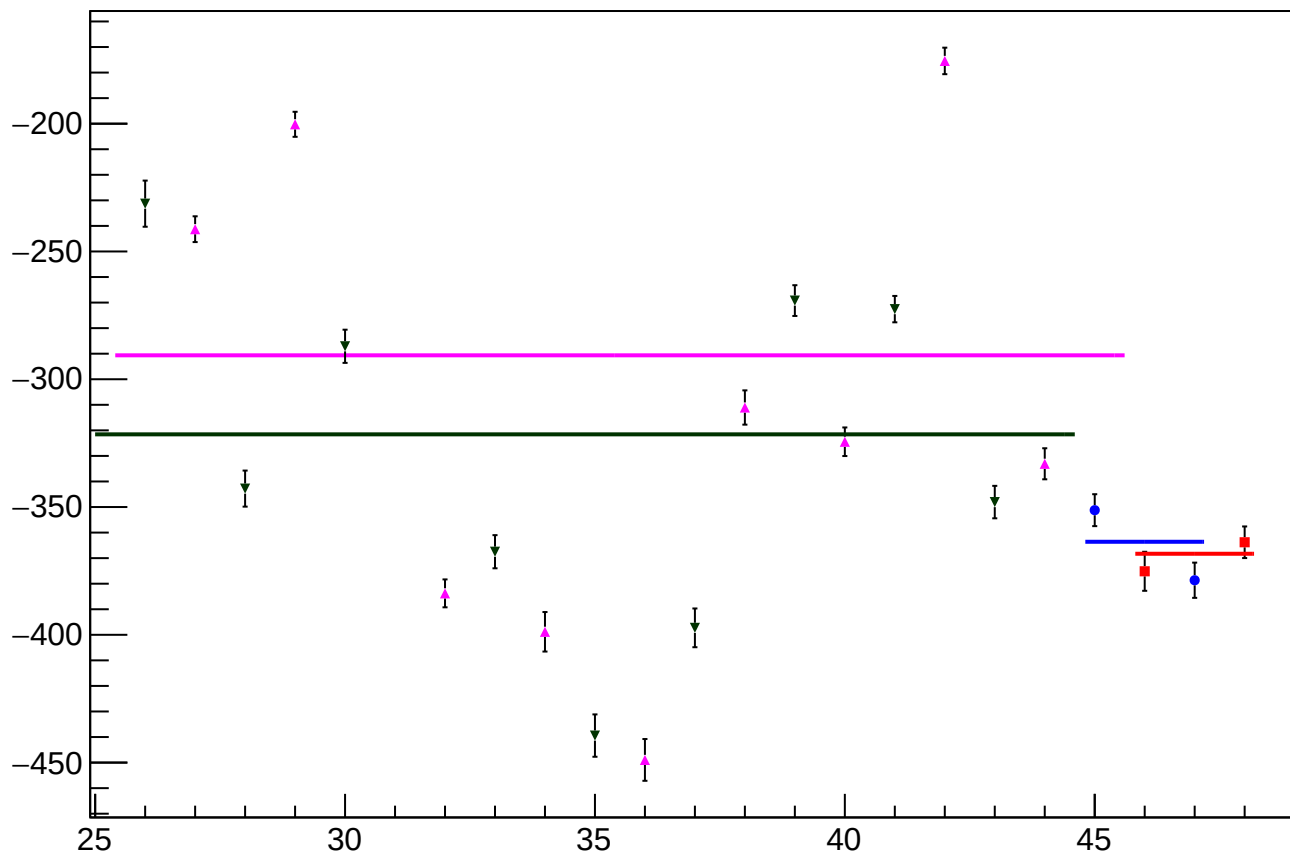
Right Out: 144.565 $\pm$ 6.010 χ^2/NDF : 20.6/1

Left In: 43.811 $\pm$ 2.656 χ^2/NDF :403.9/8

61.776 $\pm$ 2.685 χ^2/NDF : 405.6/10

60.269 $\pm$ 2.429 χ^2/NDF : 659.7/10

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -363.596 ± 4.628 $\chi^2/\text{NDF}: 8.7/1$

Left Out: -321.559 ± 2.226 $\chi^2/\text{NDF}: 672.6/8$

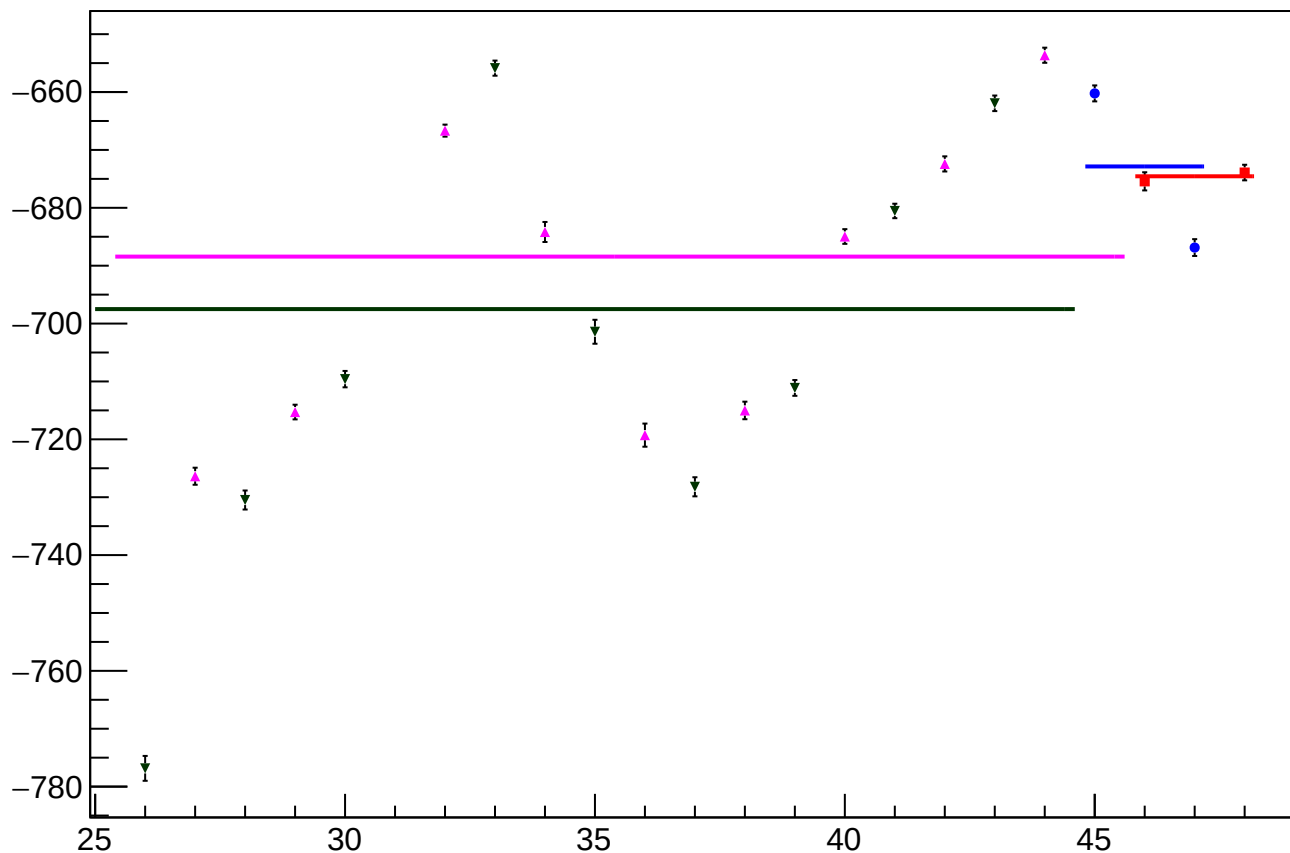
Right Out: -368.285 ± 4.806 $\chi^2/\text{NDF}: 1.3/1$

Left In: -290.636 ± 1.943 $\chi^2/\text{NDF}: 1886.8/8$

-329.460 ± 2.006 $\chi^2/\text{NDF}: 748.3/10$

-301.550 ± 1.802 $\chi^2/\text{NDF}: 2112.5/10$

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -672.854 $\pm$ 1.001 χ^2 /NDF: 176.7/1

Left Out: -697.498 $\pm$ 0.500 χ^2 /NDF: 4190.1/8

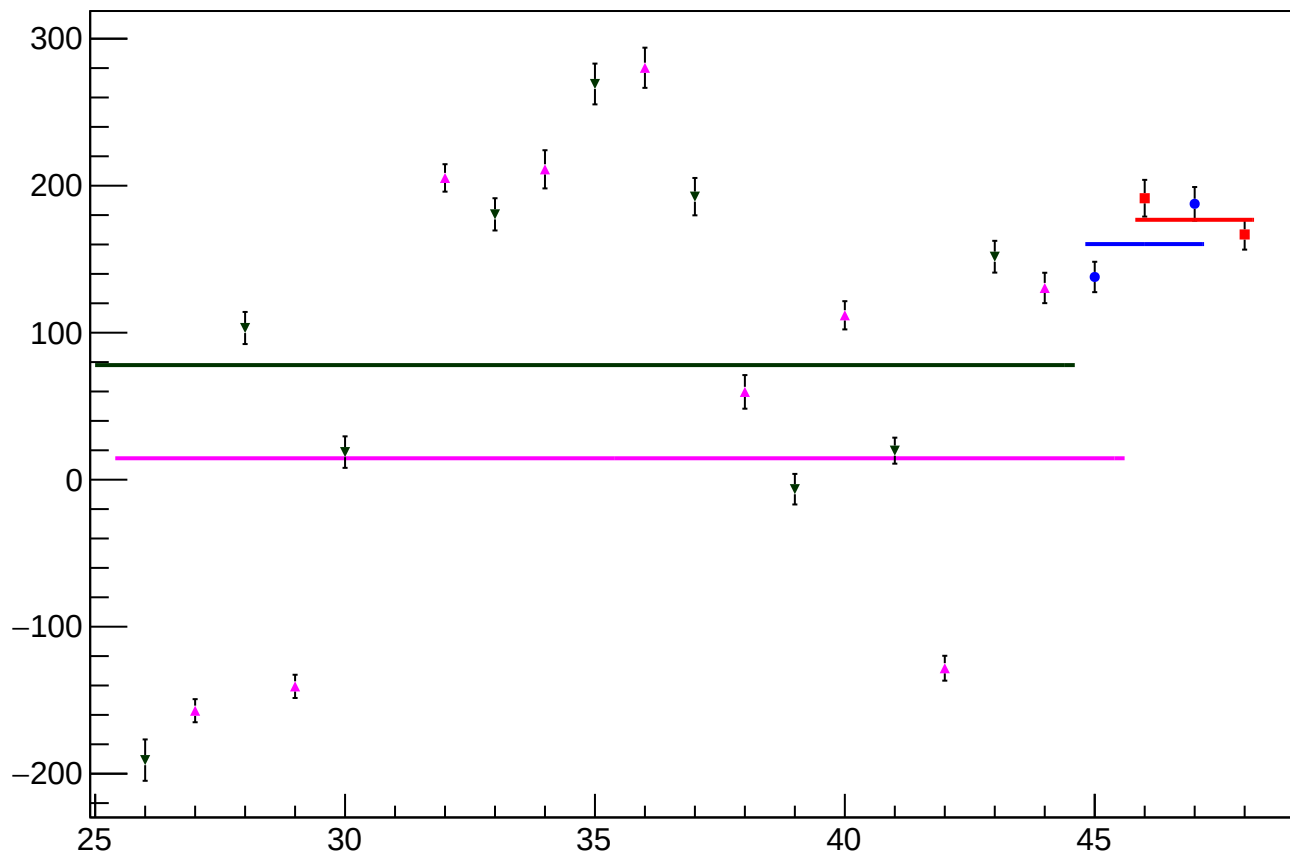
Right Out: -674.554 $\pm$ 1.022 χ^2 /NDF: 0.5/1

Left In: -688.429 $\pm$ 0.456 χ^2 /NDF: 2965.5/8

-692.580 $\pm$ 0.447 χ^2 /NDF: 4852.4/10

-686.127 $\pm$ 0.416 χ^2 /NDF: 3119.8/10

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 160.282+/-7.667 χ^2/NDF : 10.4/1

Left Out: 77.958+/-3.716 χ^2/NDF : 915.0/8

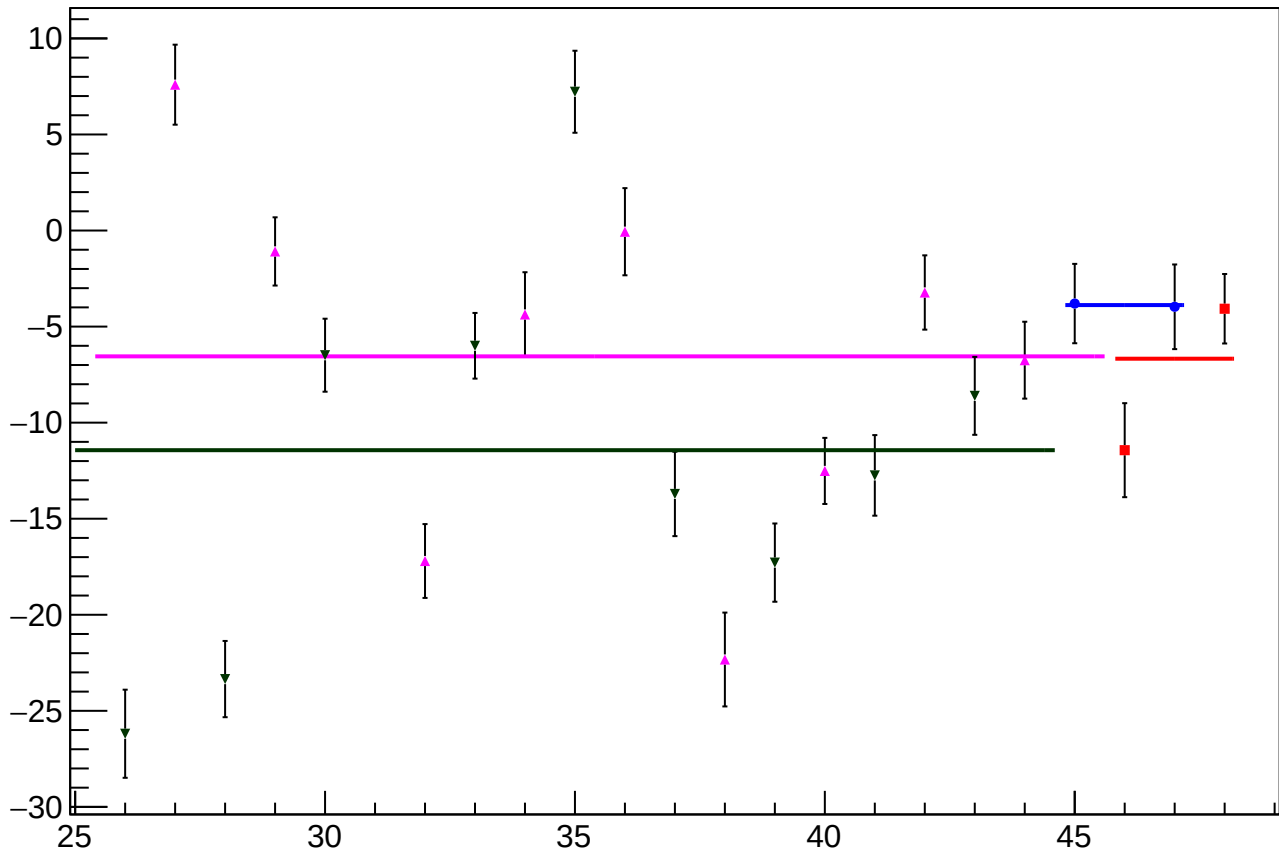
Right Out: 176.800+/-7.949 χ^2/NDF : 2.3/1

Left In: 14.568+/-3.215 χ^2/NDF : 2415.4/8

93.617+/-3.344 χ^2/NDF : 1018.8/10

37.371+/-2.980 χ^2/NDF : 2775.7/10

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.880 ± 1.507 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -11.434 ± 0.674 $\chi^2/\text{NDF}: 182.4/8$

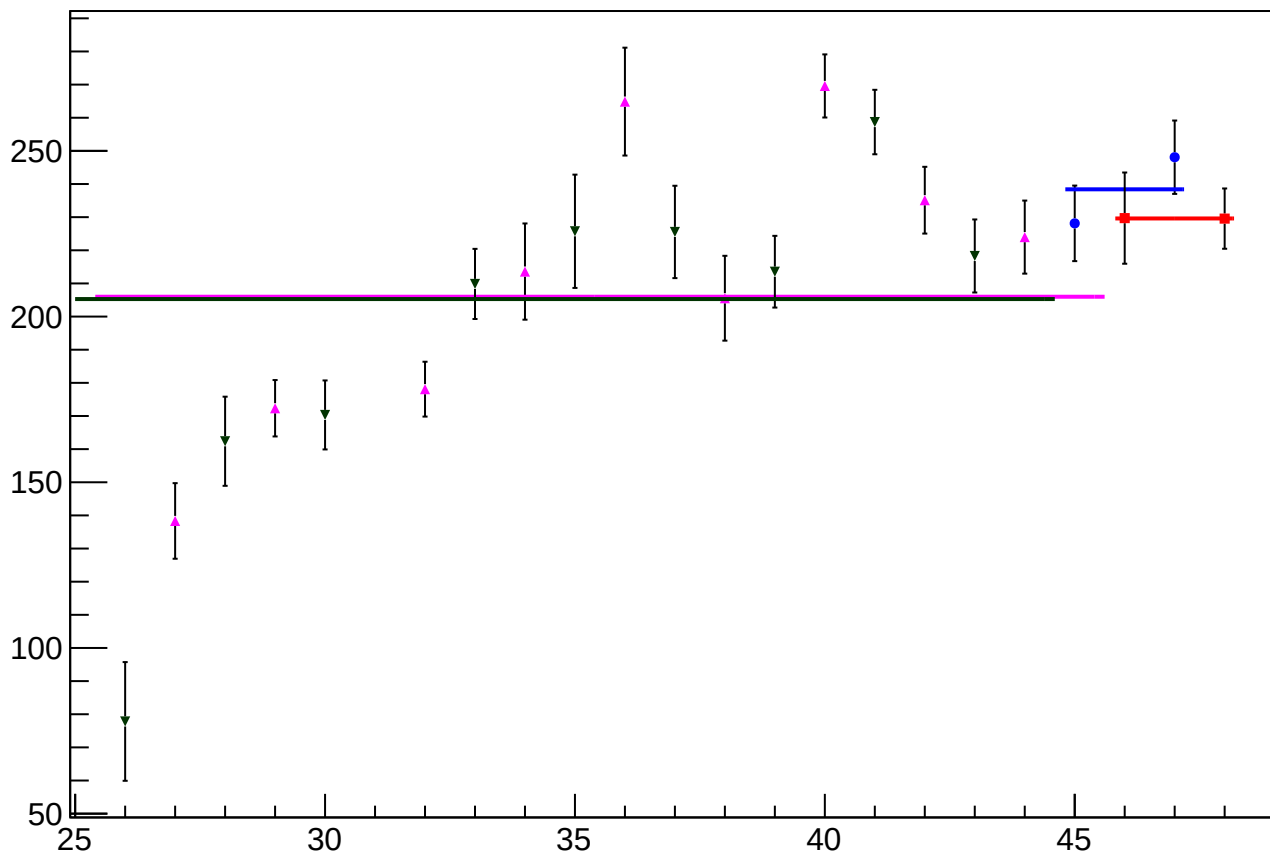
Right Out: -6.672 ± 1.454 $\chi^2/\text{NDF}: 5.9/1$

Left In: -6.549 ± 0.668 $\chi^2/\text{NDF}: 152.2/8$

-10.174 ± 0.615 $\chi^2/\text{NDF}: 203.3/10$

-6.571 ± 0.607 $\chi^2/\text{NDF}: 158.0/10$

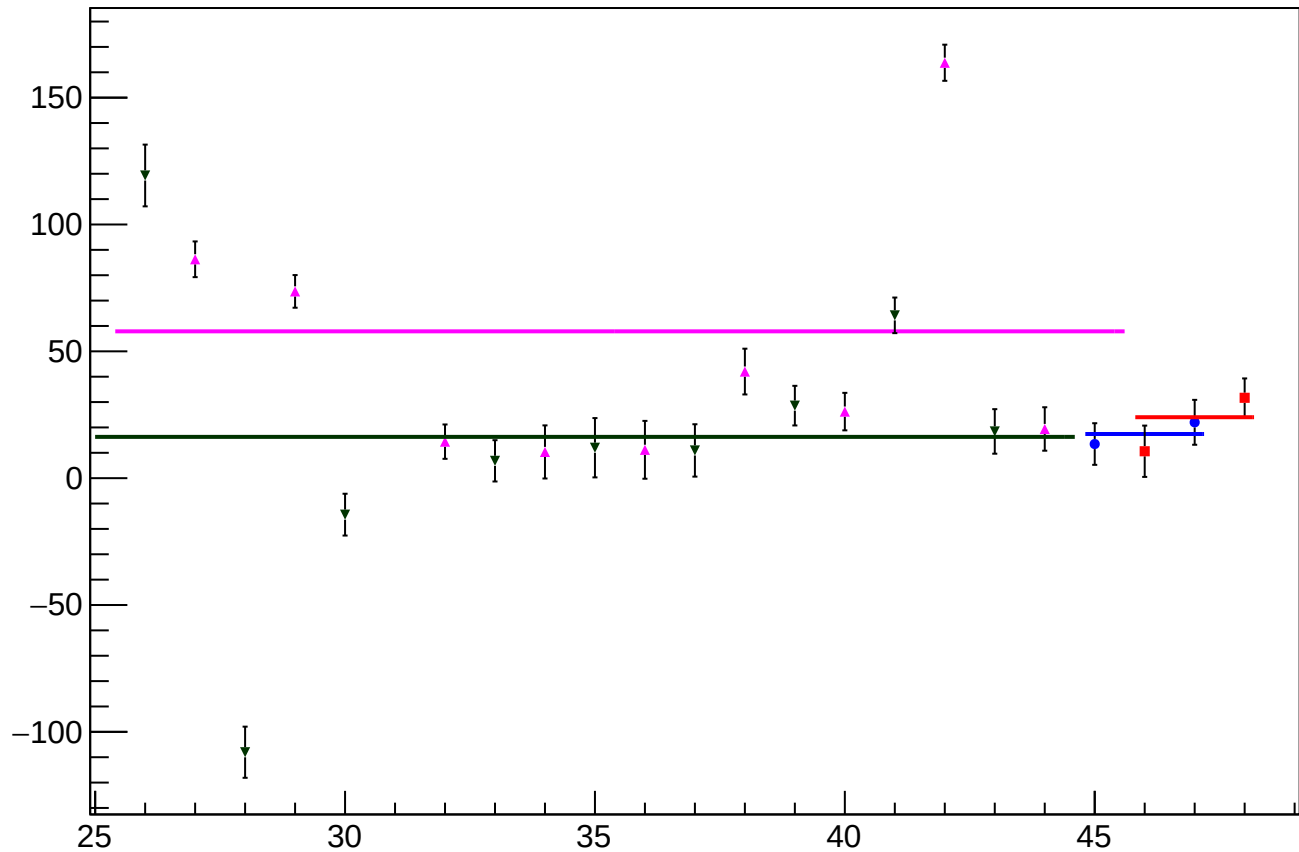
reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 238.401 $\pm$ 7.941 χ^2 /NDF: 1.6/1
 Left Out: 205.287 $\pm$ 3.993 χ^2 /NDF:108.0/8
 Right Out: 229.607 $\pm$ 7.589 χ^2 /NDF: 0.0/1
 Left In: 205.988 $\pm$ 3.539 χ^2 /NDF:131.2/8

211.969 $\pm$ 3.567 χ^2 /NDF: 123.4/10
 210.207 $\pm$ 3.208 χ^2 /NDF: 139.1/10

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

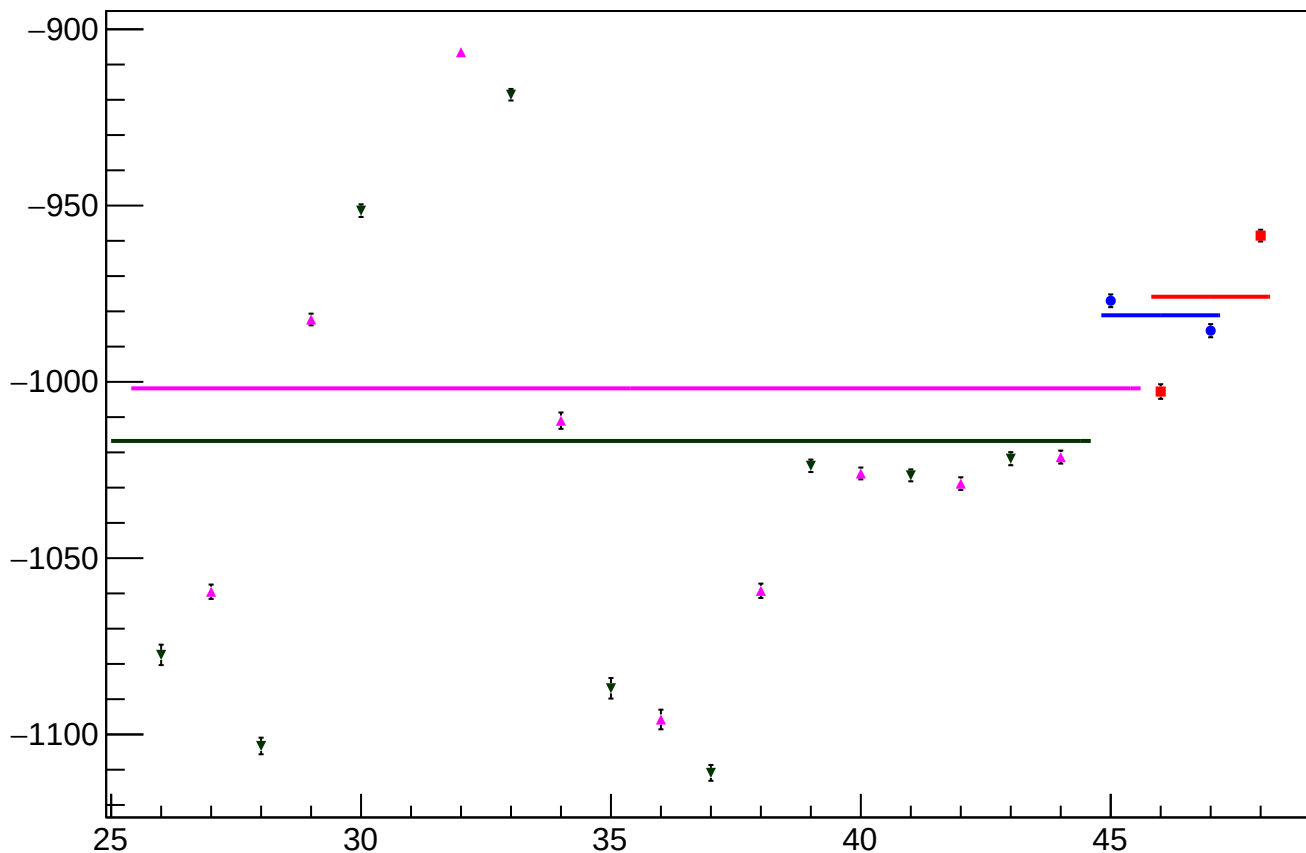
Right Out: 24.029 $\pm$ 6.095 χ^2 /NDF: 2.8/1

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF: 363.5/8

16.502 $\pm$ 2.669 χ^2 /NDF: 289.0/10

52.636 $\pm$ 2.399 χ^2 /NDF: 392.3/10

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

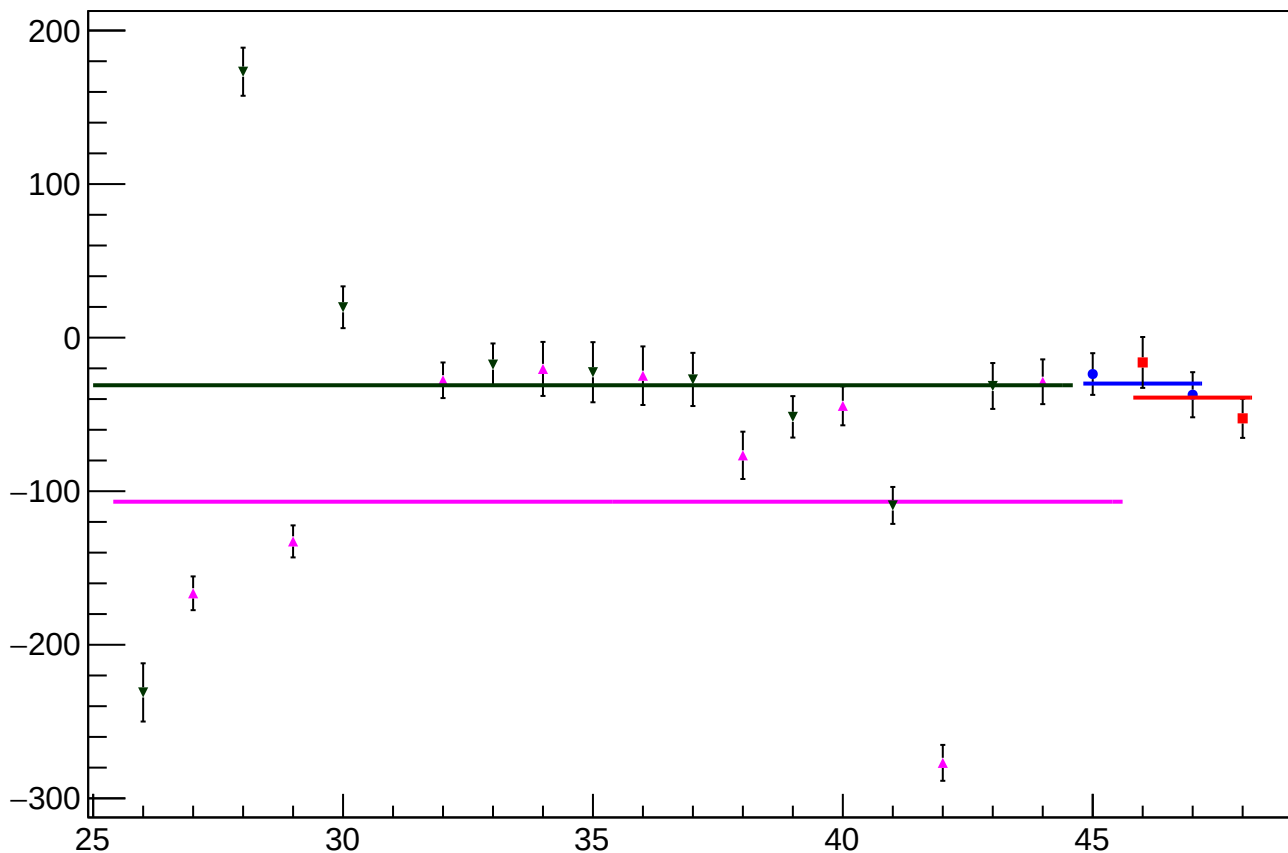
Right Out: -975.856+/-1.299 χ^2/NDF : 276.3/1

Left In: -1001.844+/-0.607 χ^2/NDF : 8875.1/8

-1009.348+/-0.593 χ^2/NDF : 9690.5/10

-997.191+/-0.550 χ^2/NDF : 9480.1/10

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -29.906 ± 9.970 $\chi^2/\text{NDF}: 0.5/1$

Left Out: -31.002 ± 4.978 $\chi^2/\text{NDF}: 340.9/8$

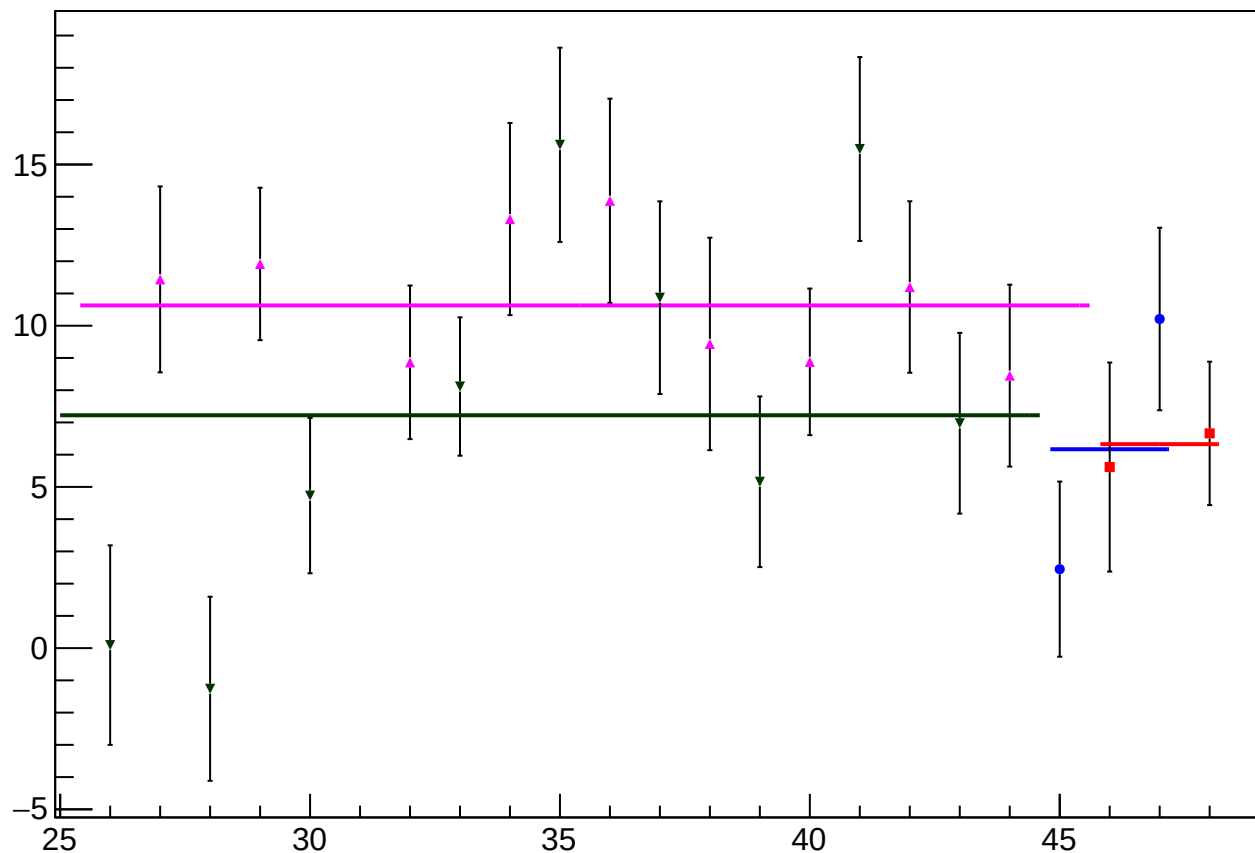
Right Out: -39.044 ± 10.093 $\chi^2/\text{NDF}: 3.0/1$

Left In: -106.838 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

-30.783 ± 4.454 $\chi^2/\text{NDF}: 341.4/10$

-96.300 ± 3.979 $\chi^2/\text{NDF}: 434.4/10$

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

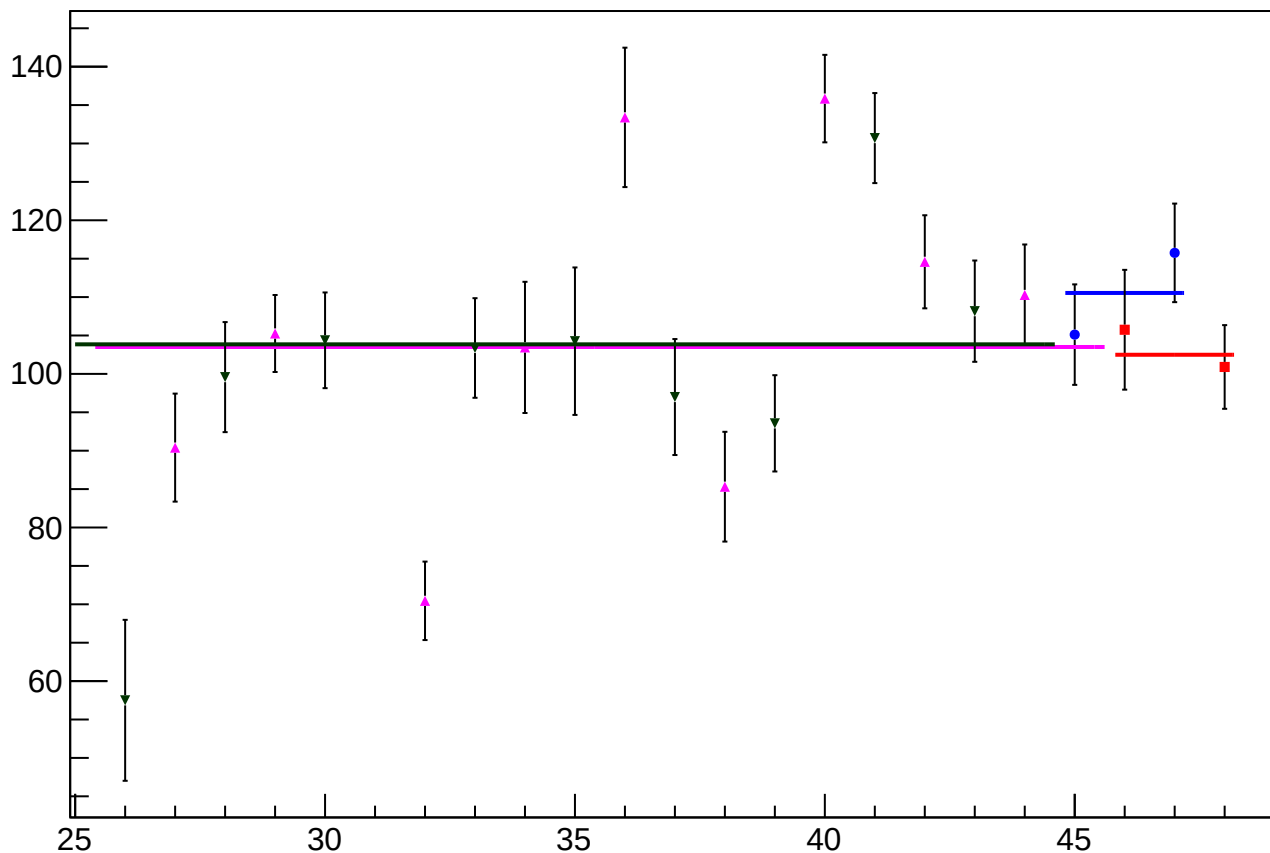
Right Out: 6.326 ± 1.834 χ^2/NDF : 0.1/1

Left In: 10.629 ± 0.898 χ^2/NDF : 4.1/8

7.038 ± 0.819 χ^2/NDF : 37.8/10

9.798 ± 0.806 χ^2/NDF : 8.7/10

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 110.538 $\pm$ 4.581 χ^2 /NDF: 1.3/1

Left Out: 103.848 $\pm$ 2.331 χ^2 /NDF:44.9/8

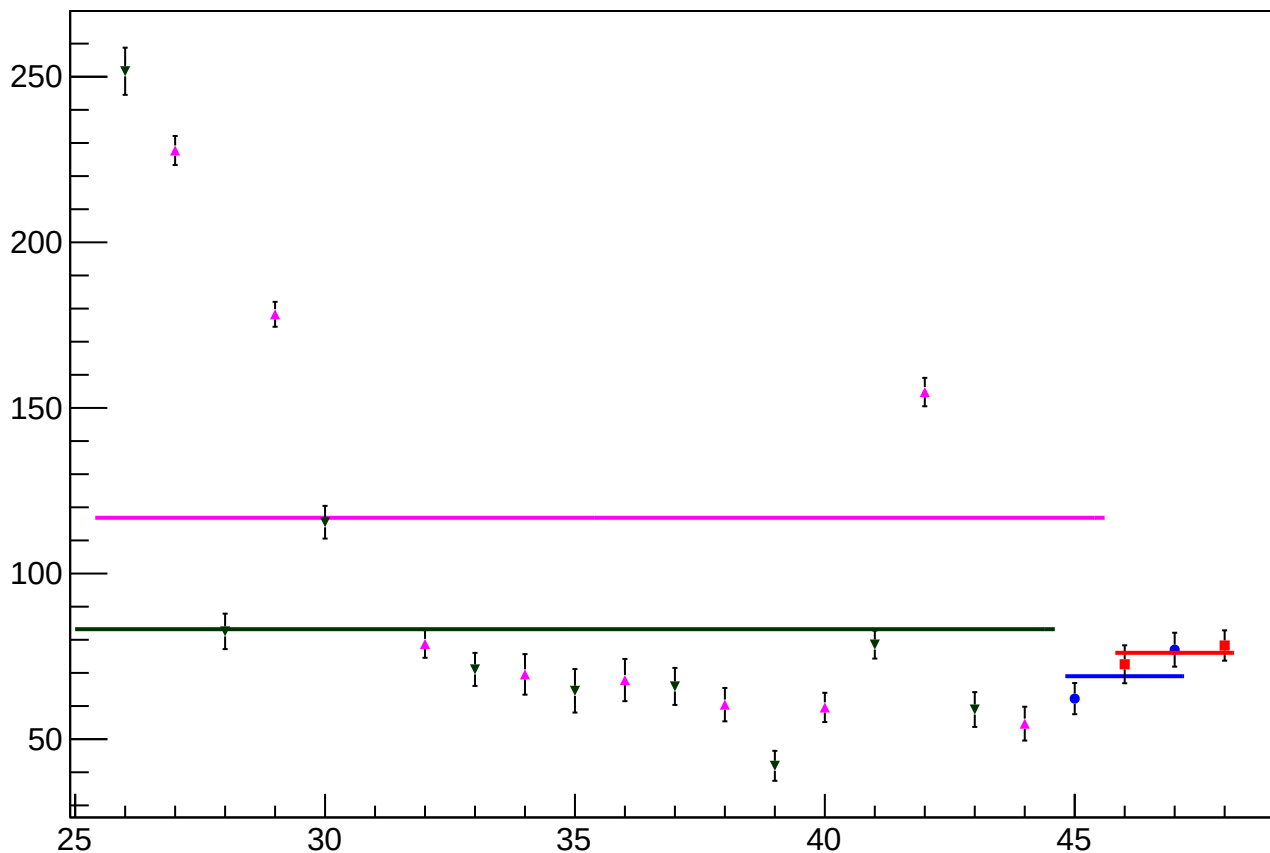
Right Out: 102.491 $\pm$ 4.466 χ^2 /NDF: 0.3/1

Left In: 103.503 $\pm$ 2.108 χ^2 /NDF:99.4/8

105.224 $\pm$ 2.077 χ^2 /NDF: 47.9/10

103.318 $\pm$ 1.906 χ^2 /NDF: 99.7/10

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 69.003 ± 3.466 χ^2/NDF : 4.5/1

Left Out: 83.201 ± 1.736 χ^2/NDF : 731.5/8

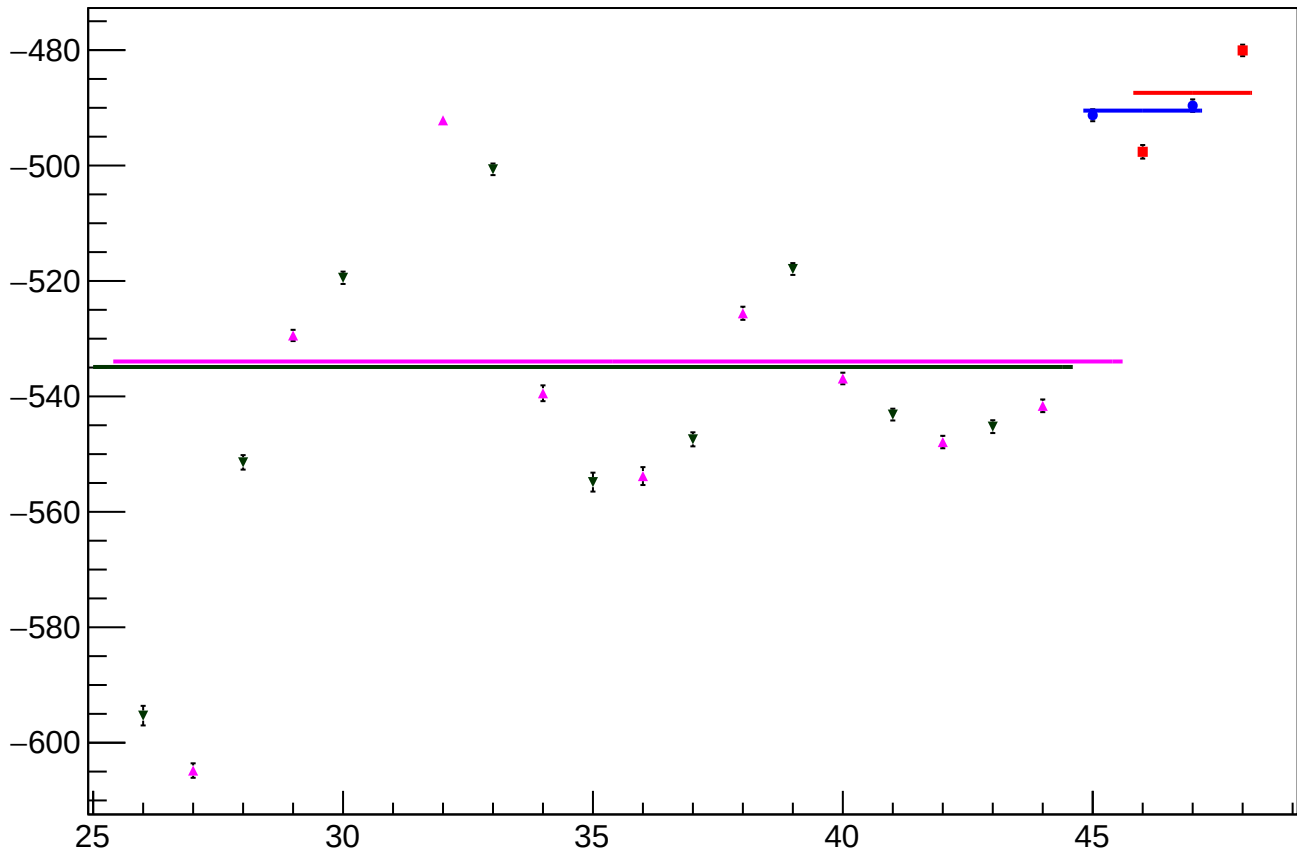
Right Out: 76.068 ± 3.576 χ^2/NDF : 0.6/1

Left In: 116.837 ± 1.553 χ^2/NDF : 1630.8/8

80.354 ± 1.552 χ^2/NDF : 749.4/10

110.369 ± 1.424 χ^2/NDF : 1740.8/10

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

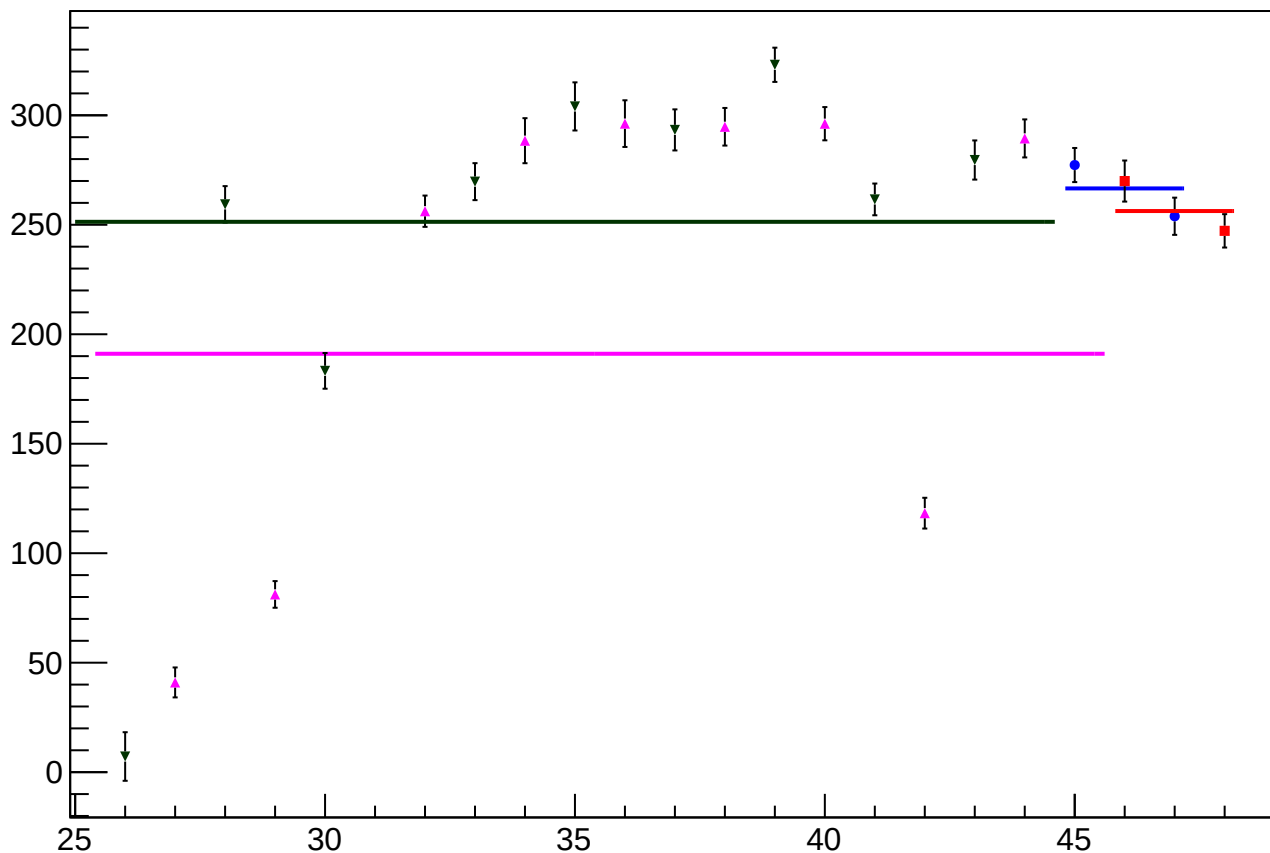
Right Out: -487.408+/-0.761 χ^2/NDF : 129.6/1

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-525.464+/-0.345 χ^2/NDF : 6261.6/10

-525.398+/-0.326 χ^2/NDF : 9626.3/10

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

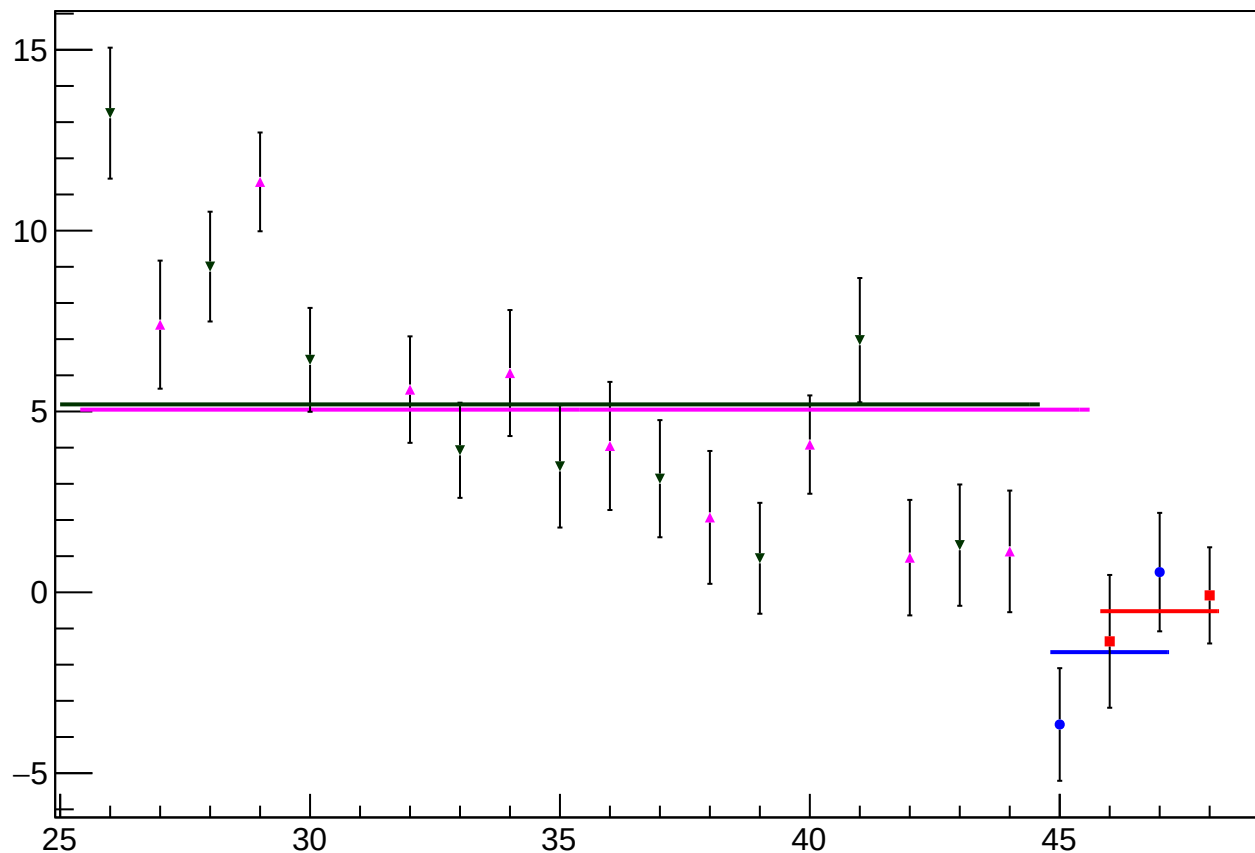
Right Out: 256.273 ± 5.915 χ^2/NDF : 3.5/1

Left In: 191.089 ± 2.577 χ^2/NDF : 1650.2/8

254.443 ± 2.586 χ^2/NDF : 708.5/10

201.484 ± 2.362 χ^2/NDF : 1755.8/10

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -1.653+/-1.128 χ^2/NDF : 3.5/1

Left Out: 5.196+/-0.523 χ^2/NDF : 44.5/8

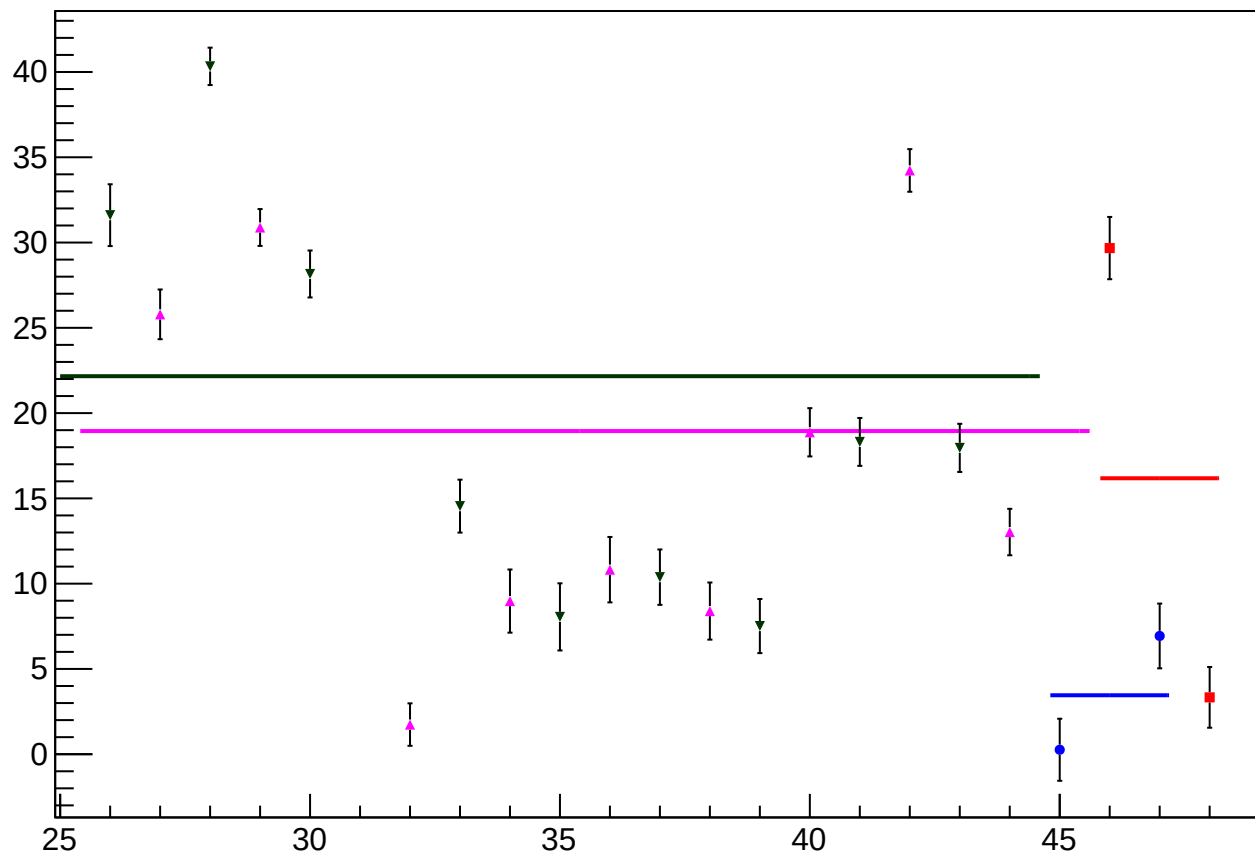
Right Out: -0.522+/-1.077 χ^2/NDF : 0.3/1

Left In: 5.051+/-0.531 χ^2/NDF : 39.0/8

3.984+/-0.475 χ^2/NDF : 78.3/10

3.961+/-0.476 χ^2/NDF : 60.8/10

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

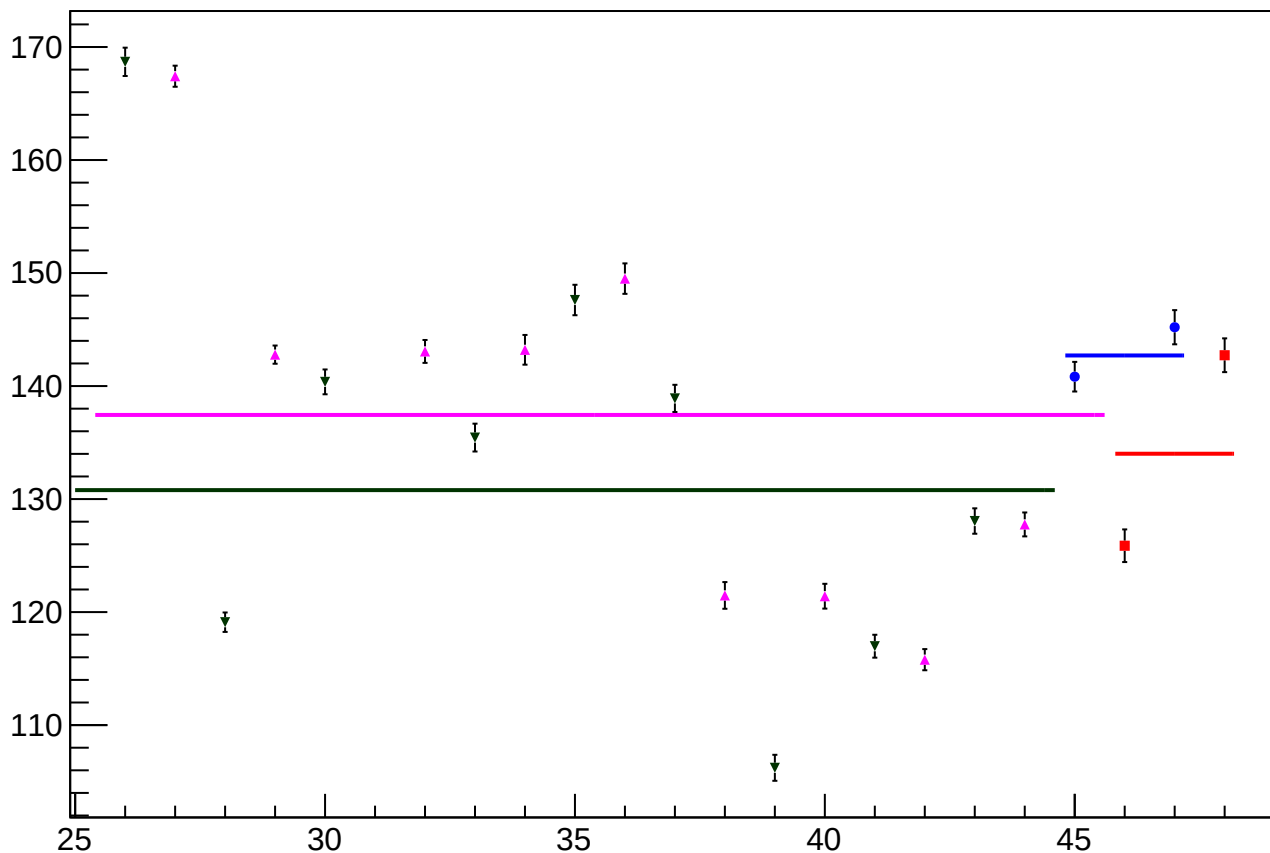
Right Out: 16.179 ± 1.275 χ^2/NDF : 106.7/1

Left In: 18.948 ± 0.468 χ^2/NDF : 590.1/8

19.858 ± 0.461 χ^2/NDF : 734.9/10

18.619 ± 0.439 χ^2/NDF : 700.9/10

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

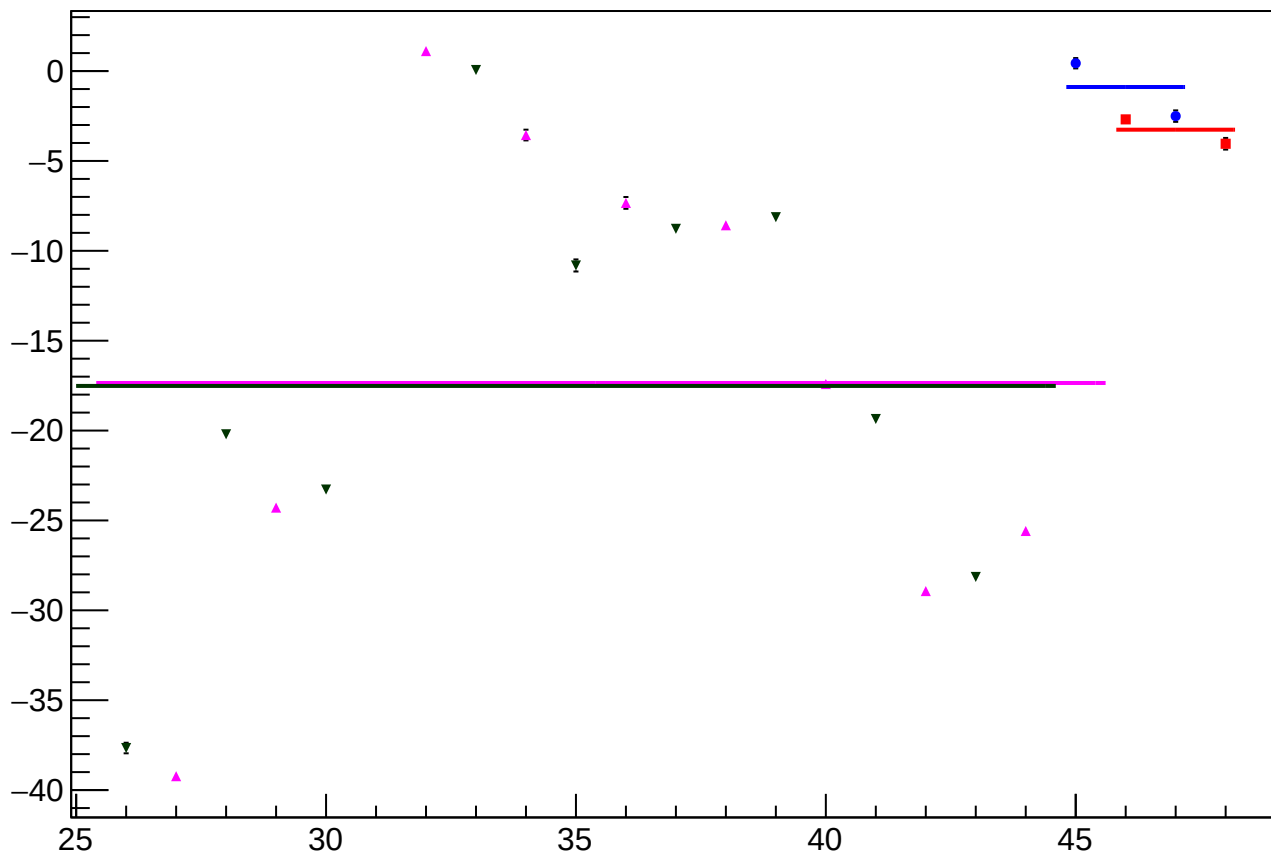
Right Out: 134.012 $\pm$ 1.039 χ^2 /NDF: 65.8/1

Left In: 137.444 $\pm$ 0.345 χ^2 /NDF: 2221.9/8

132.263 $\pm$ 0.348 χ^2 /NDF: 2170.6/10

137.102 $\pm$ 0.328 χ^2 /NDF: 2297.5/10

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -0.887 ± 0.214 $\chi^2/\text{NDF}: 46.8/1$

Left Out: -17.516 ± 0.083 $\chi^2/\text{NDF}: 15652.4/8$

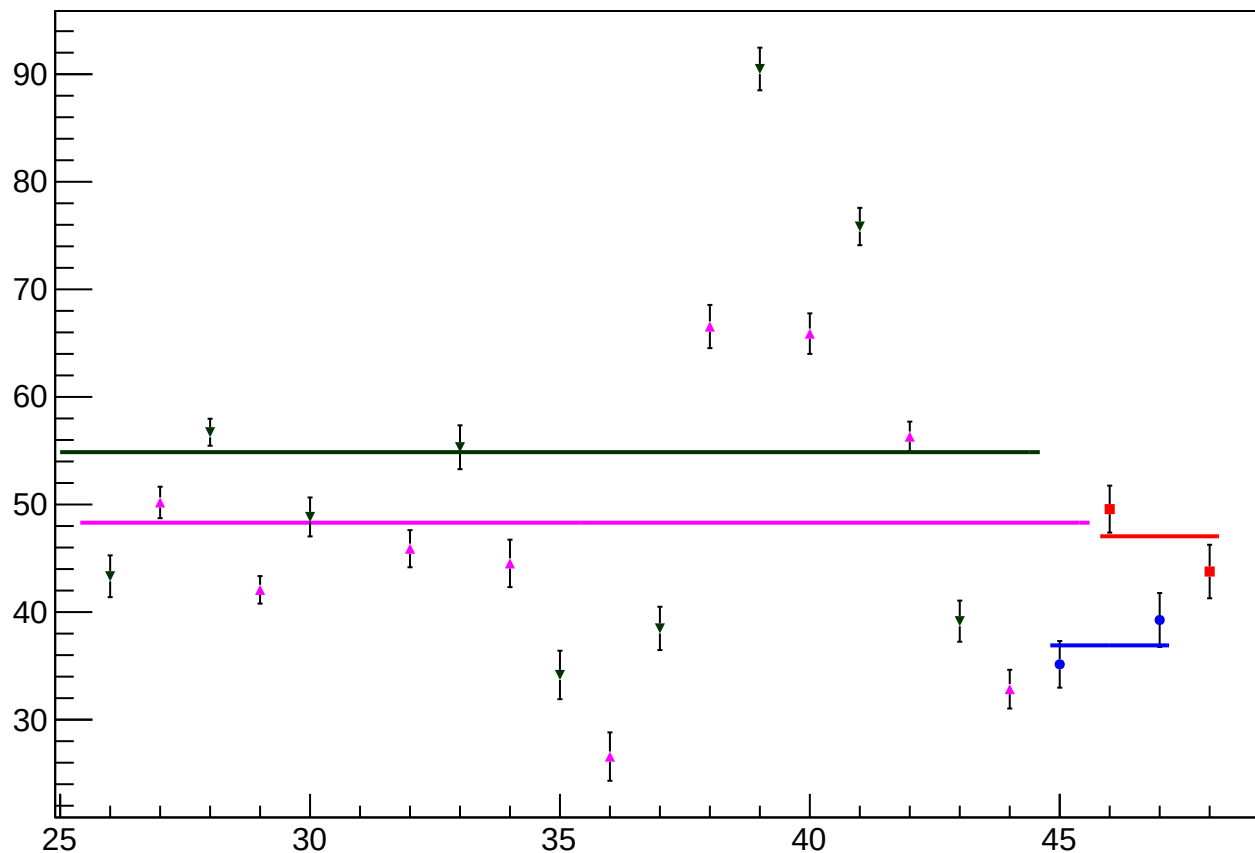
Right Out: -3.261 ± 0.211 $\chi^2/\text{NDF}: 10.1/1$

Left In: -17.353 ± 0.080 $\chi^2/\text{NDF}: 25925.9/8$

-15.345 ± 0.077 $\chi^2/\text{NDF}: 20957.2/10$

-15.570 ± 0.075 $\chi^2/\text{NDF}: 29839.1/10$

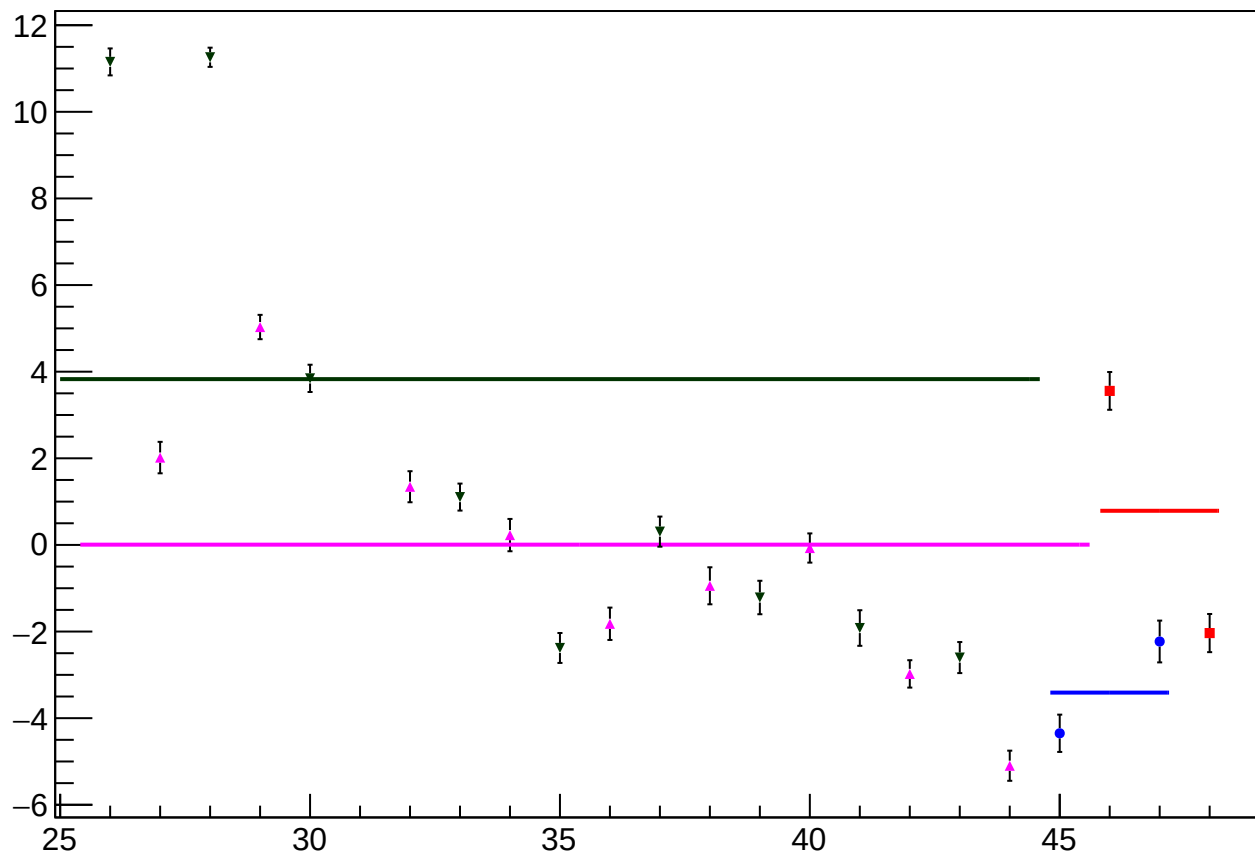
reg_asym_sam5_diff_bpm4eY_slope vs slug



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: 47.046 $\pm$ 1.641 χ^2 /NDF: 3.1/1
 Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

52.727 $\pm$ 0.566 χ^2 /NDF: 843.1/10
 48.179 $\pm$ 0.531 χ^2 /NDF: 404.0/10

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -3.410 ± 0.321 χ^2/NDF : 10.7/1

Left Out: 3.828 ± 0.107 χ^2/NDF : 2866.4/8

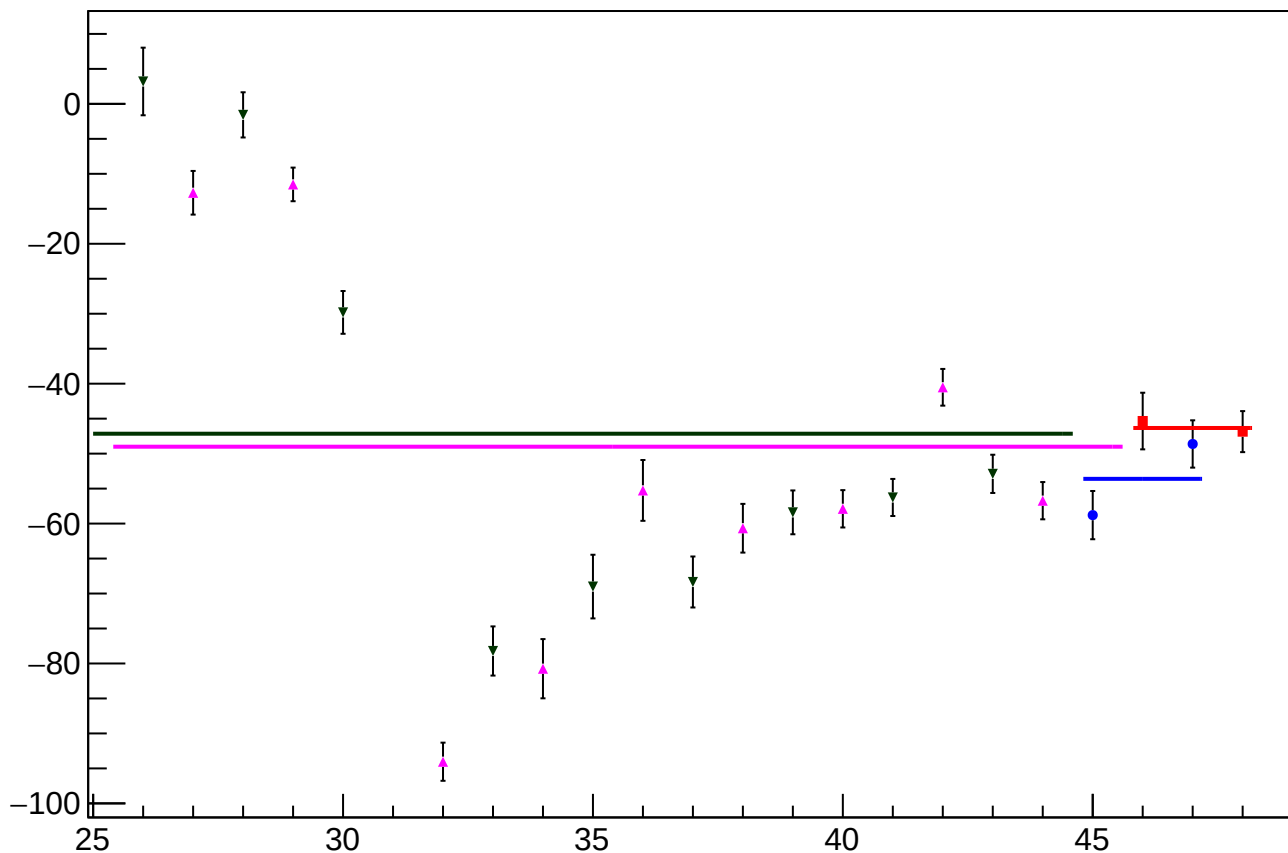
Right Out: 0.788 ± 0.310 χ^2/NDF : 81.3/1

Left In: 0.006 ± 0.116 χ^2/NDF : 698.4/8

3.111 ± 0.101 χ^2/NDF : 3334.5/10

0.102 ± 0.108 χ^2/NDF : 785.3/10

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 $\chi^2/\text{NDF}: 504.0/8$

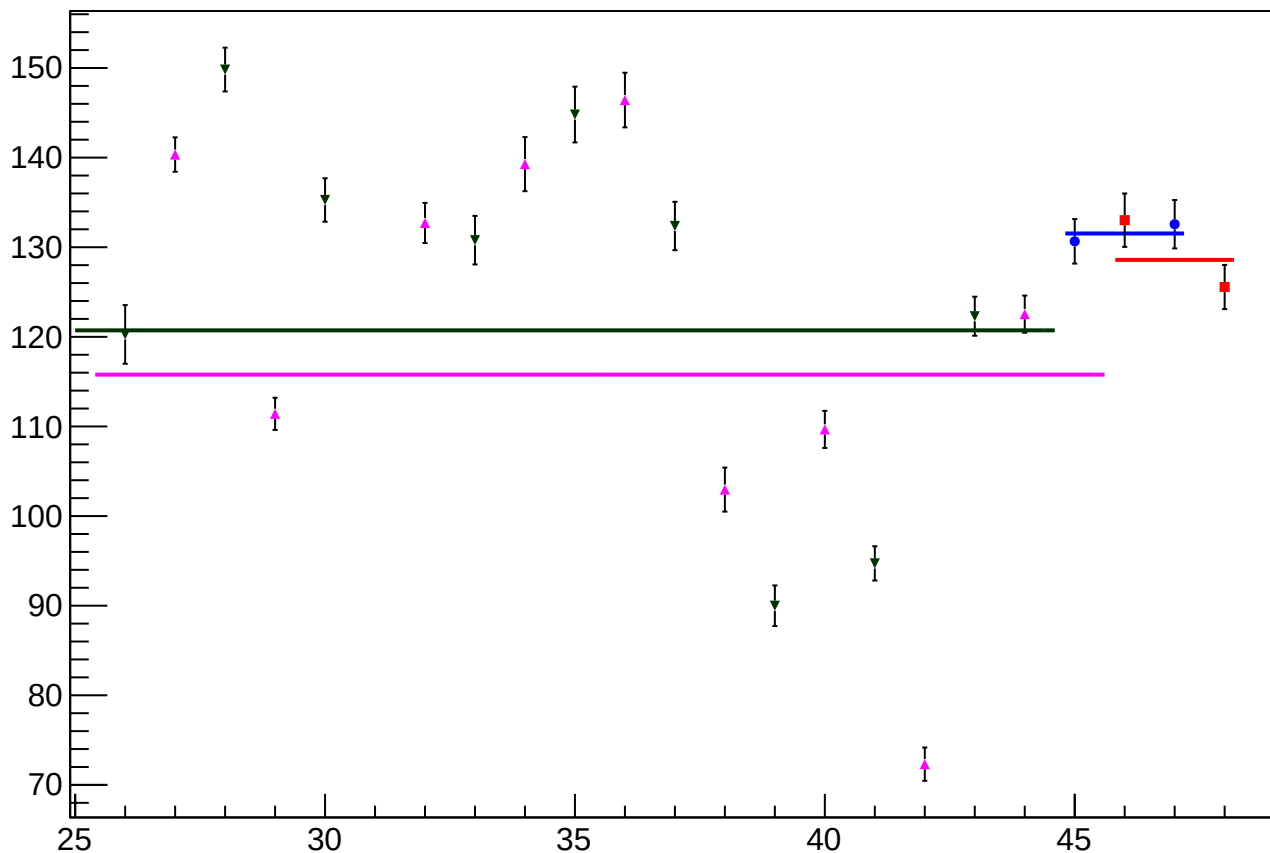
Right Out: -46.334 ± 2.375 $\chi^2/\text{NDF}: 0.1/1$

Left In: -49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-48.261 ± 1.000 $\chi^2/\text{NDF}: 514.3/10$

-48.617 ± 0.911 $\chi^2/\text{NDF}: 752.2/10$

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

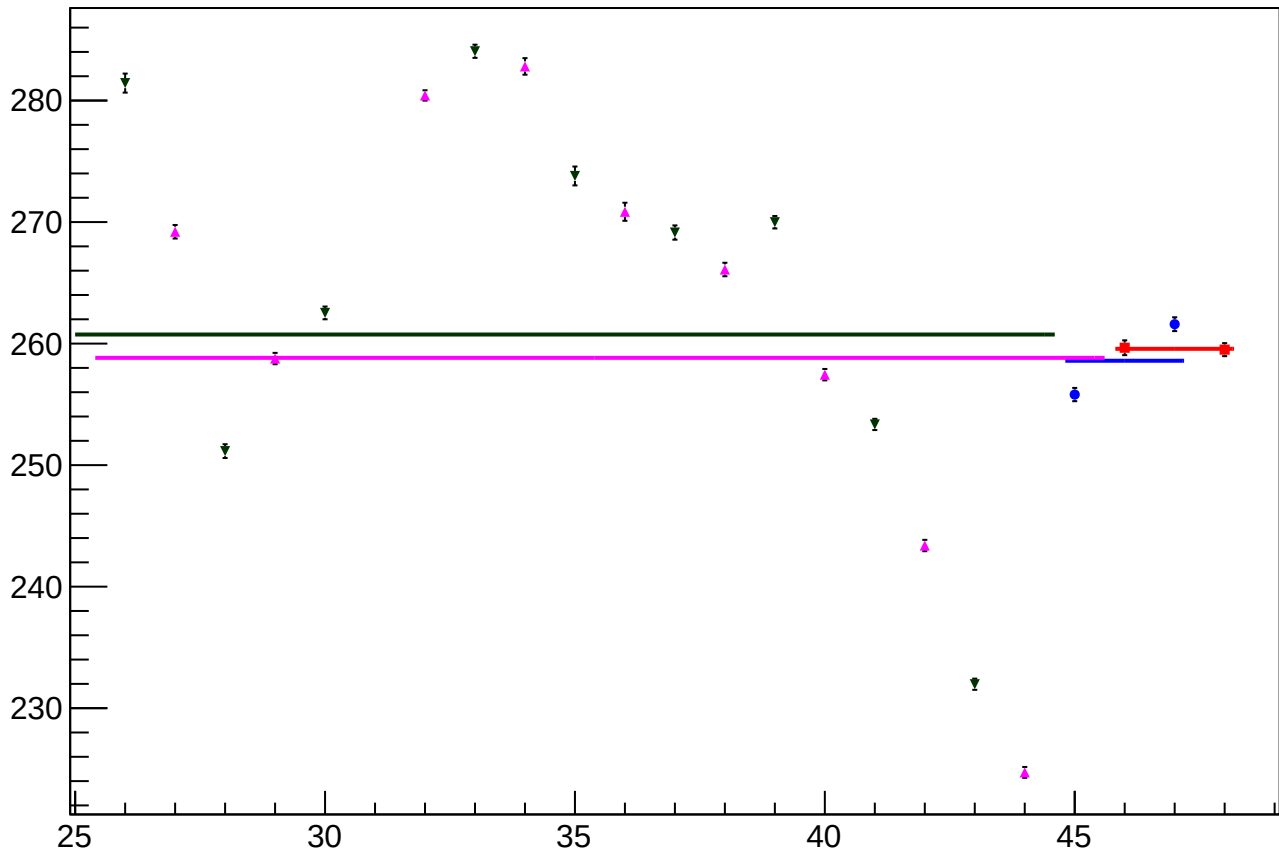
Right Out: 128.588±/-1.898 χ^2/NDF : 3.7/1

Left In: 115.784±/-0.721 χ^2/NDF : 983.2/8

122.537±/-0.748 χ^2/NDF : 669.3/10

117.399±/-0.674 χ^2/NDF : 1026.7/10

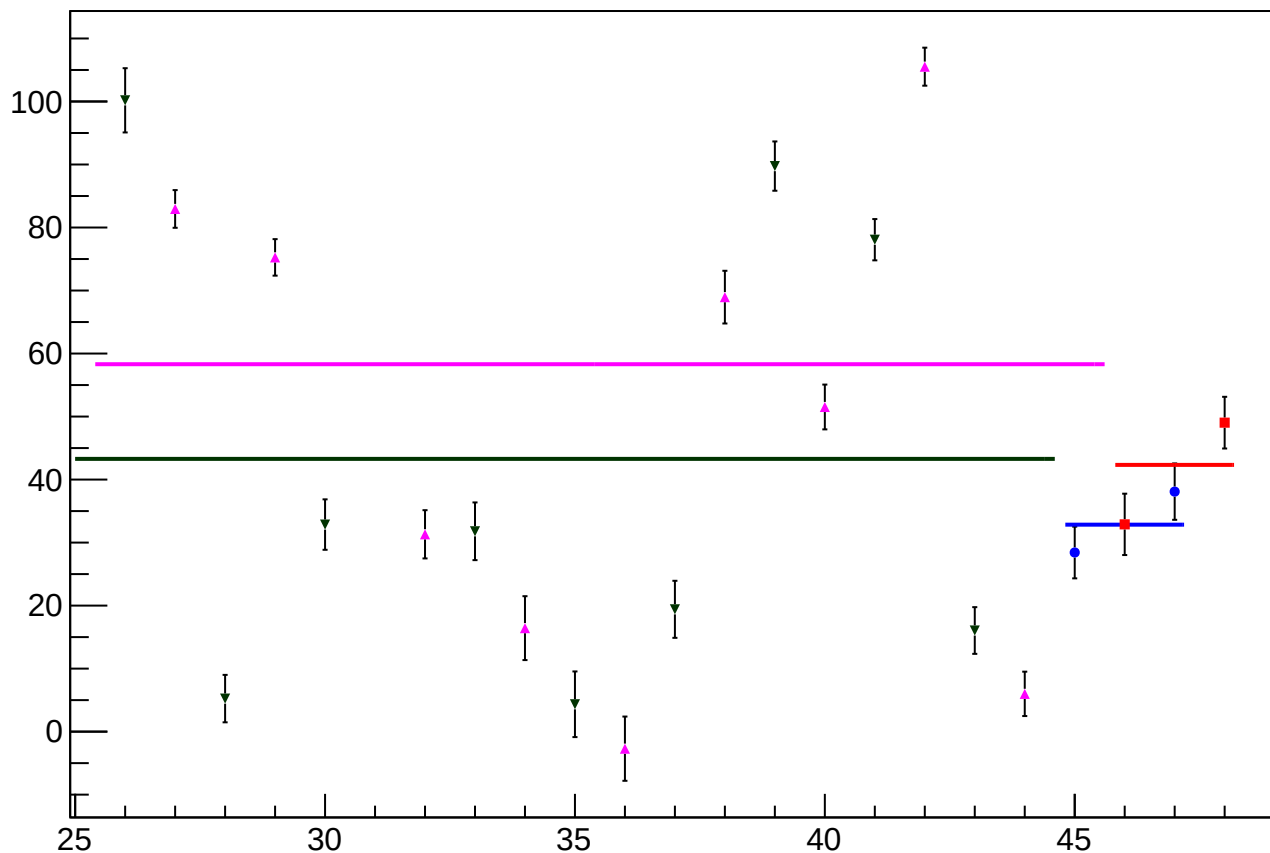
reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 258.590 ± 0.394 χ^2/NDF : 53.8/1
 Left Out: 260.747 ± 0.184 χ^2/NDF : 7794.0/8
 Right Out: 259.571 ± 0.403 χ^2/NDF : 0.0/1
 Left In: 258.828 ± 0.170 χ^2/NDF : 11545.2/8

260.361 ± 0.167 χ^2/NDF : 7872.4/10
 258.940 ± 0.157 χ^2/NDF : 11548.1/10

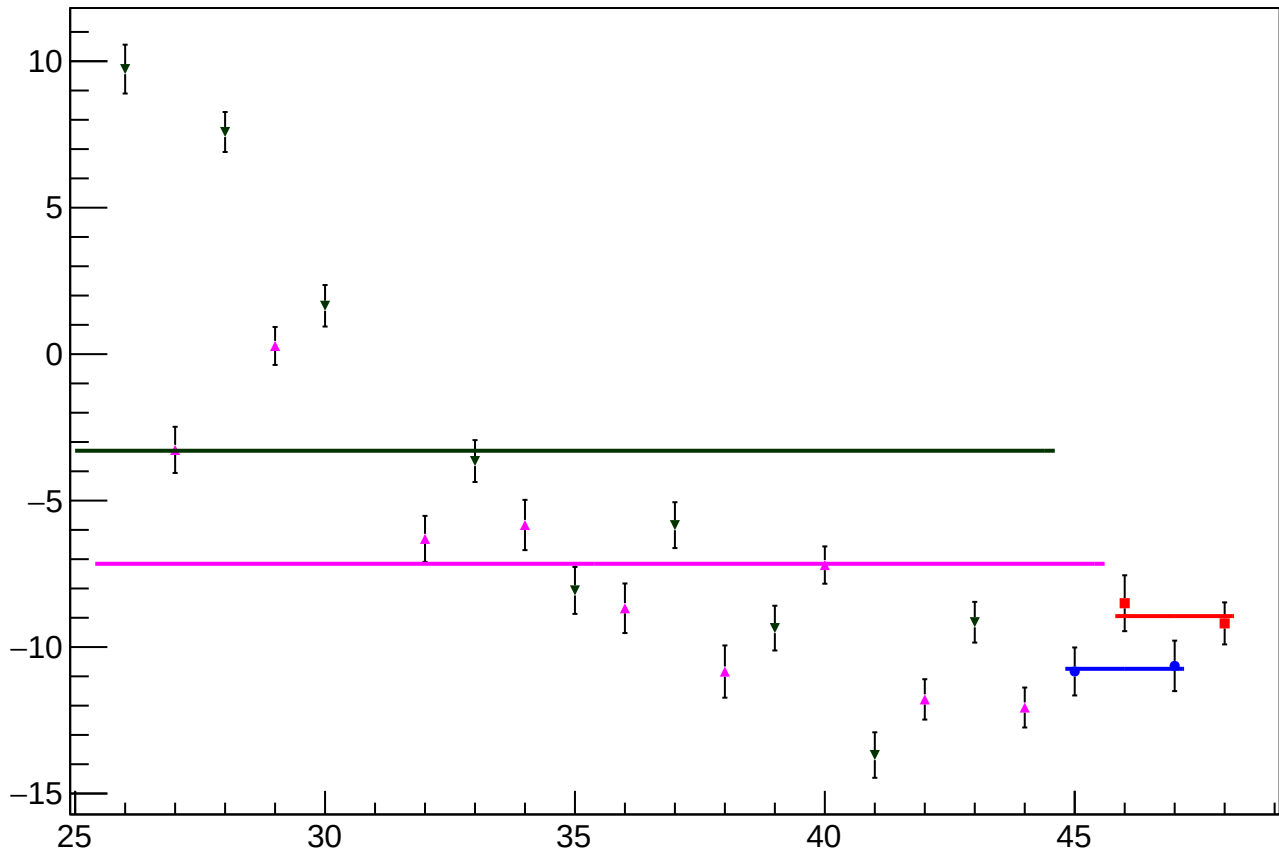
reg_asym_sam6_diff_bpm4eY_slope vs slug



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: 42.330 ± 3.137 χ^2/NDF : 6.4/1
 Left In: 58.307 ± 1.192 χ^2/NDF : 839.3/8

41.516 ± 1.245 χ^2/NDF : 643.8/10
 56.290 ± 1.114 χ^2/NDF : 868.4/10

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.743 ± 0.594 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -3.298 ± 0.249 $\chi^2/\text{NDF}: 906.1/8$

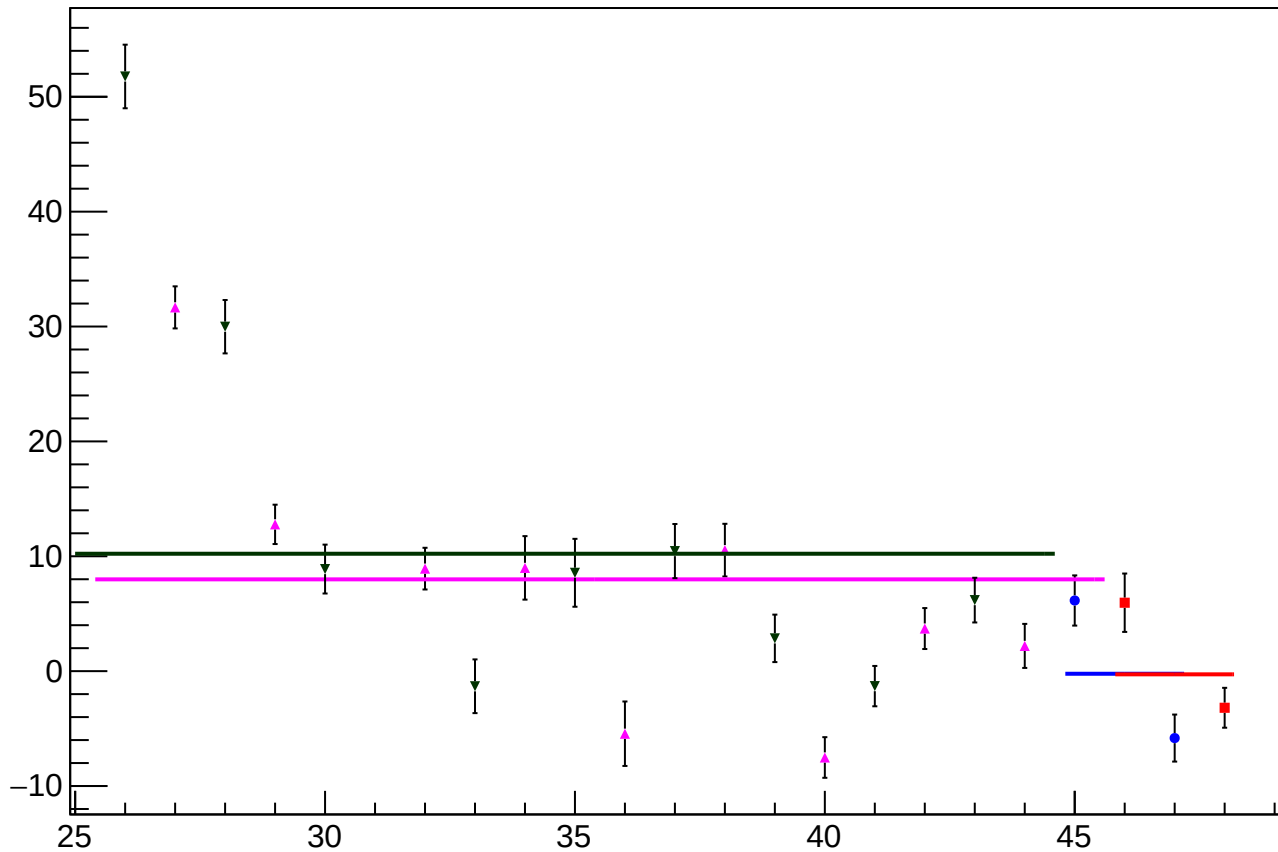
Right Out: -8.943 ± 0.573 $\chi^2/\text{NDF}: 0.3/1$

Left In: -7.157 ± 0.247 $\chi^2/\text{NDF}: 276.7/8$

-4.409 ± 0.229 $\chi^2/\text{NDF}: 1039.8/10$

-7.437 ± 0.227 $\chi^2/\text{NDF}: 285.2/10$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.228 ± 1.494 χ^2/NDF : 16.0/1

Left Out: 10.220 ± 0.738 χ^2/NDF : 382.7/8

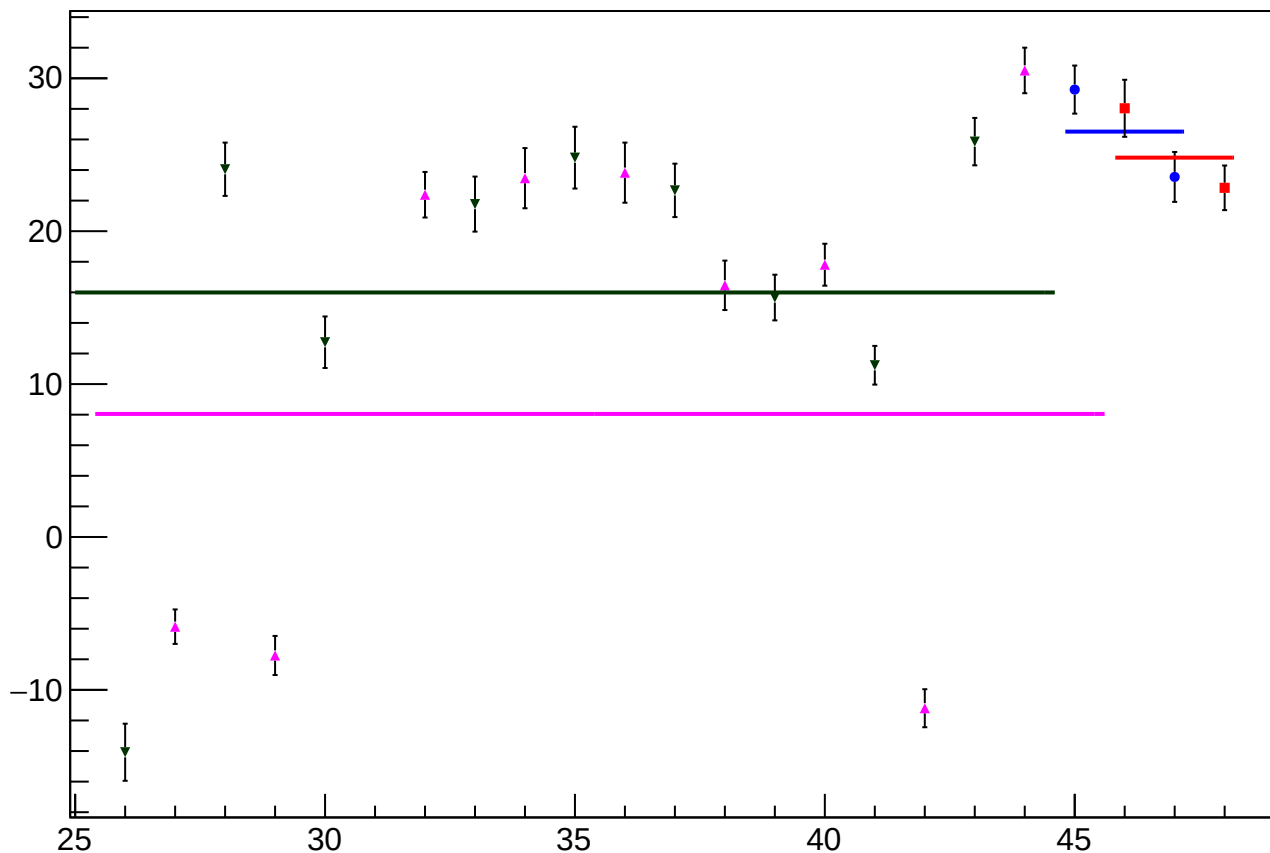
Right Out: -0.278 ± 1.433 χ^2/NDF : 8.8/1

Left In: 7.990 ± 0.660 χ^2/NDF : 291.3/8

8.171 ± 0.662 χ^2/NDF : 438.1/10

6.545 ± 0.599 χ^2/NDF : 327.6/10

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 26.512 $\pm$ 1.132 χ^2 /NDF: 6.4/1

Left Out: 15.992 $\pm$ 0.547 χ^2 /NDF: 383.0/8

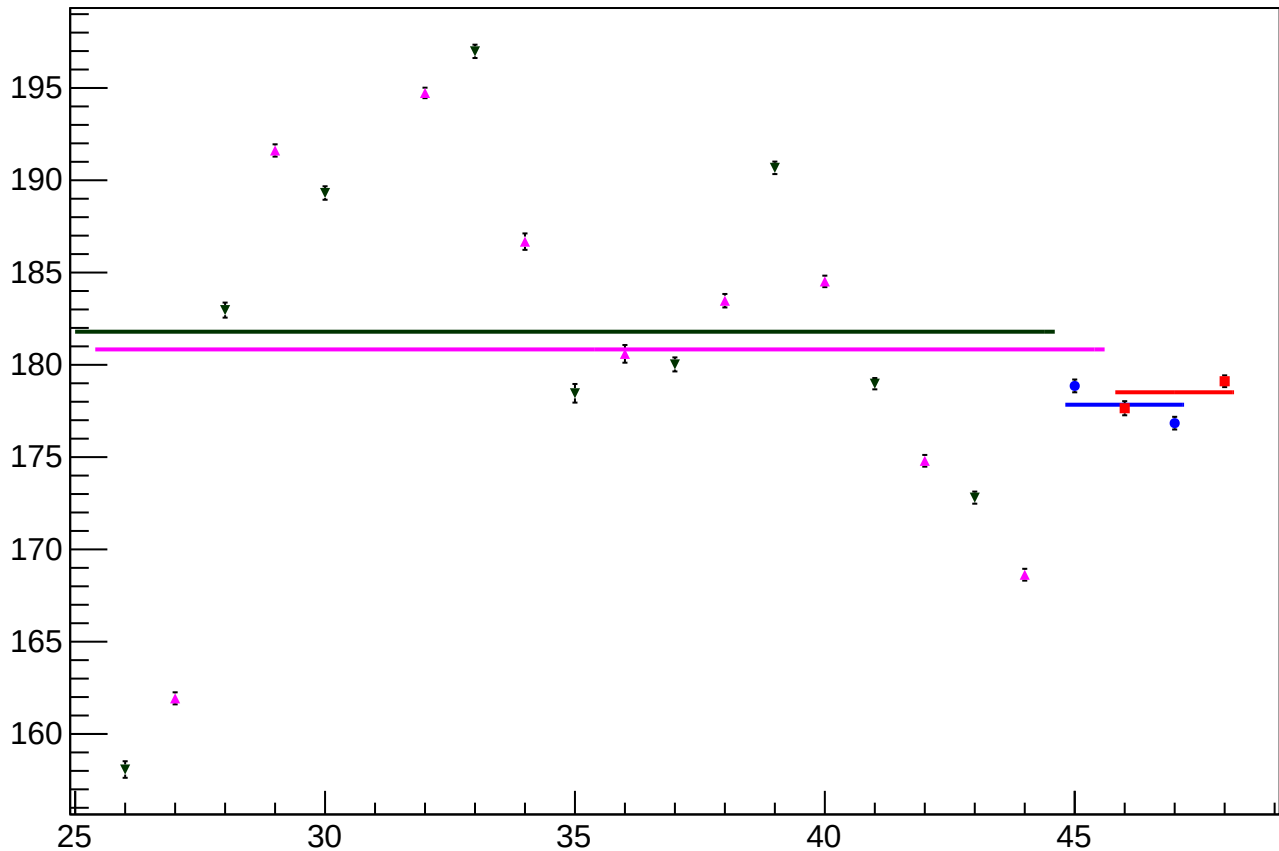
Right Out: 24.811 $\pm$ 1.149 χ^2 /NDF: 4.8/1

Left In: 8.048 $\pm$ 0.478 χ^2 /NDF: 1067.9/8

17.984 $\pm$ 0.493 χ^2 /NDF: 459.4/10

10.521 $\pm$ 0.441 χ^2 /NDF: 1254.1/10

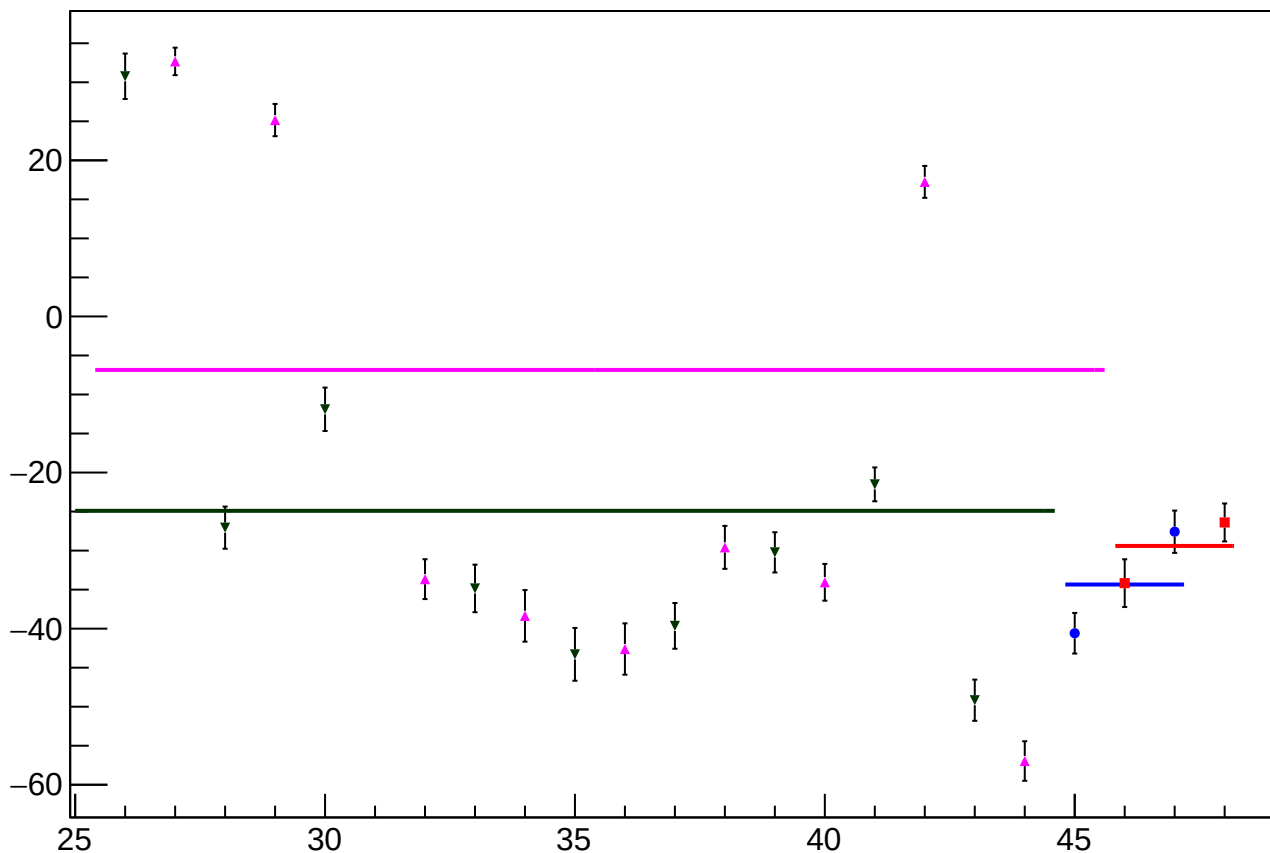
reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.839 $\pm$ 0.245 χ^2/NDF : 17.0/1
 Left Out: 181.795 $\pm$ 0.123 χ^2/NDF : 6577.2/8
 Right Out: 178.513 $\pm$ 0.245 χ^2/NDF : 8.6/1
 Left In: 180.835 $\pm$ 0.114 χ^2/NDF : 8962.2/8

180.992 $\pm$ 0.110 χ^2/NDF : 6802.8/10
 180.424 $\pm$ 0.103 χ^2/NDF : 9044.9/10

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -34.345 $\pm$ 1.876 χ^2 /NDF: 12.0/1

Left Out: -24.905 $\pm$ 0.912 χ^2 /NDF: 545.2/8

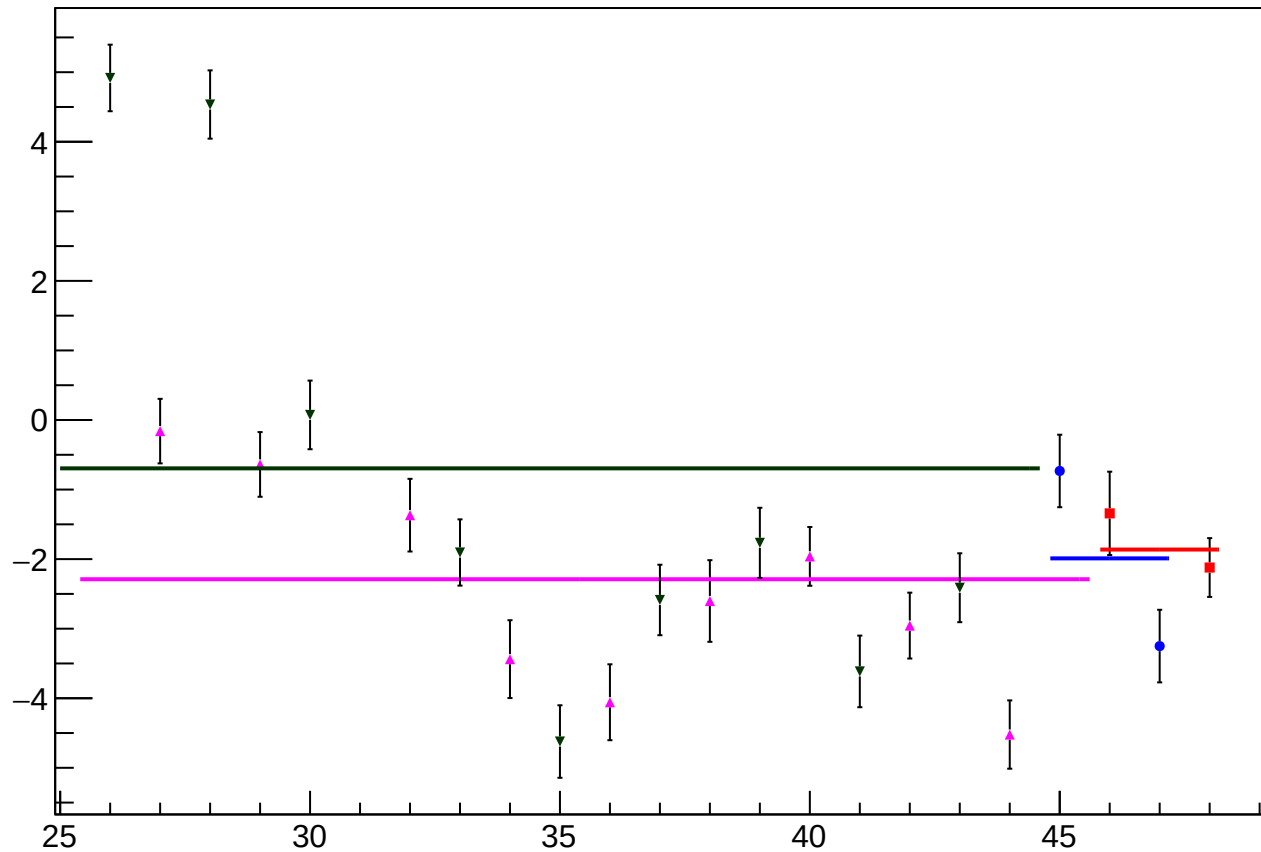
Right Out: -29.402 $\pm$ 1.903 χ^2 /NDF: 4.0/1

Left In: -6.851 $\pm$ 0.790 χ^2 /NDF: 1794.2/8

-26.710 $\pm$ 0.820 χ^2 /NDF: 577.6/10

-10.169 $\pm$ 0.730 χ^2 /NDF: 1918.0/10

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -1.989 ± 0.369 $\chi^2/\text{NDF}: 11.7/1$

Left Out: -0.695 ± 0.166 $\chi^2/\text{NDF}: 379.5/8$

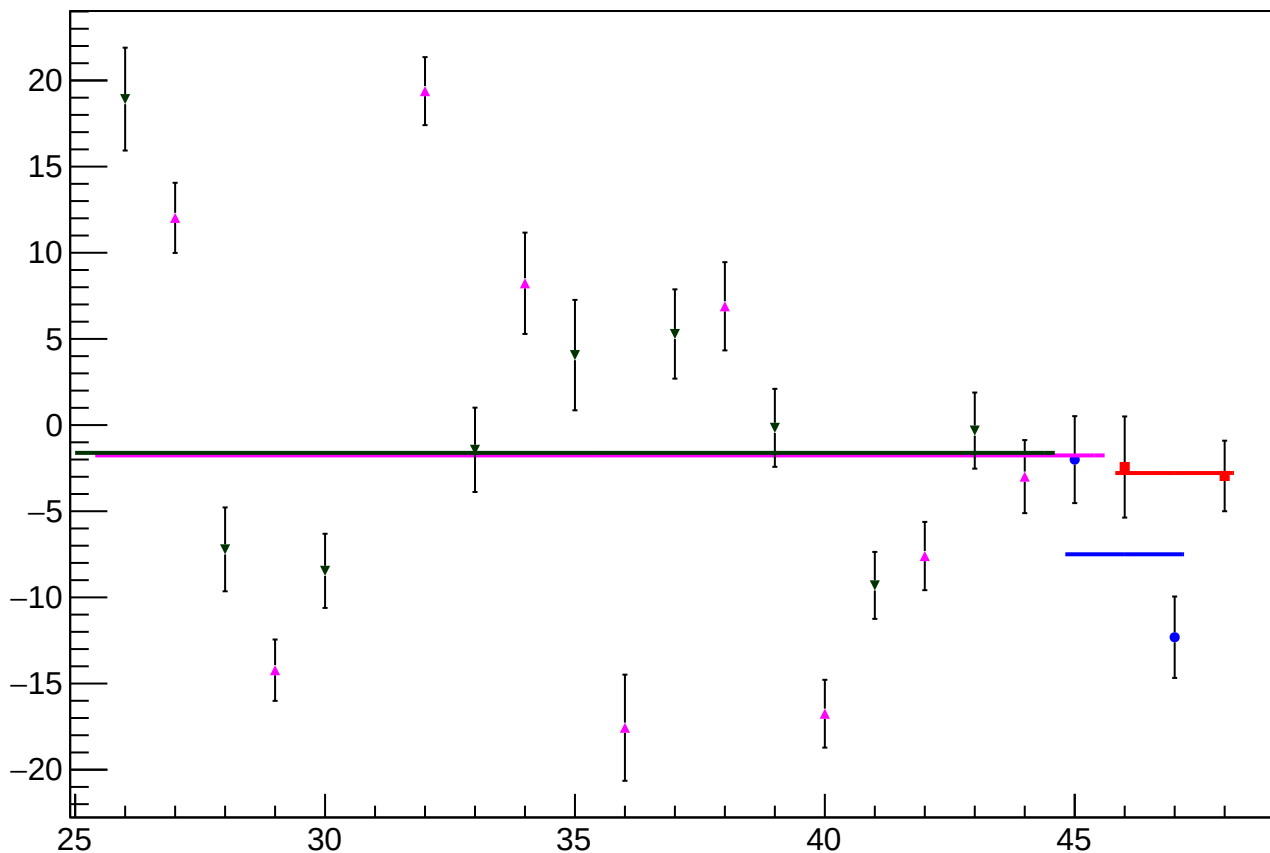
Right Out: -1.862 ± 0.345 $\chi^2/\text{NDF}: 1.1/1$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-0.913 ± 0.151 $\chi^2/\text{NDF}: 401.4/10$

-2.210 ± 0.149 $\chi^2/\text{NDF}: 77.4/10$

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

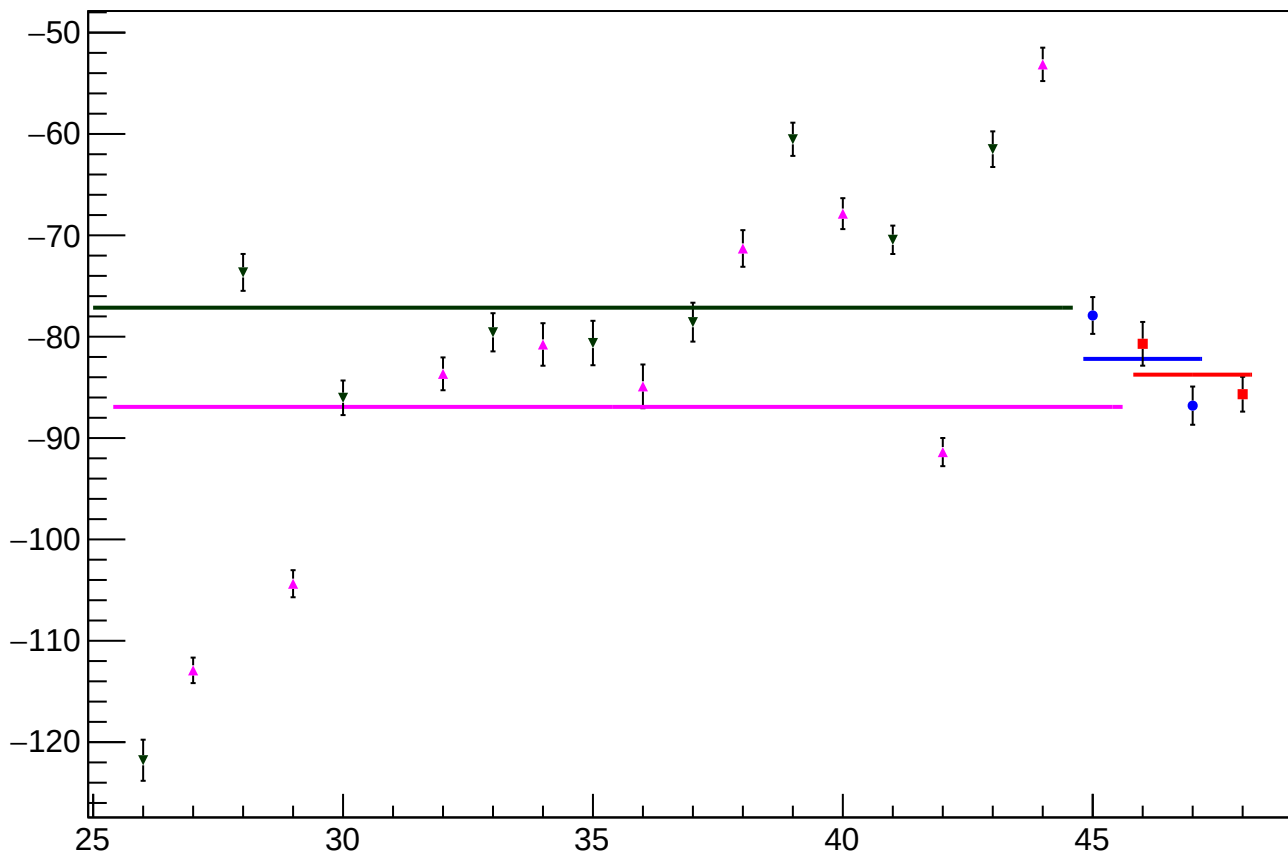
Right Out: -2.784 ± 1.679 χ^2/NDF : 0.0/1

Left In: -1.762 ± 0.721 χ^2/NDF : 326.0/8

-2.648 ± 0.723 χ^2/NDF : 107.9/10

-1.921 ± 0.663 χ^2/NDF : 326.3/10

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -82.190+/-1.308 χ^2/NDF : 11.6/1

Left Out: -77.138+/-0.592 χ^2/NDF : 725.4/8

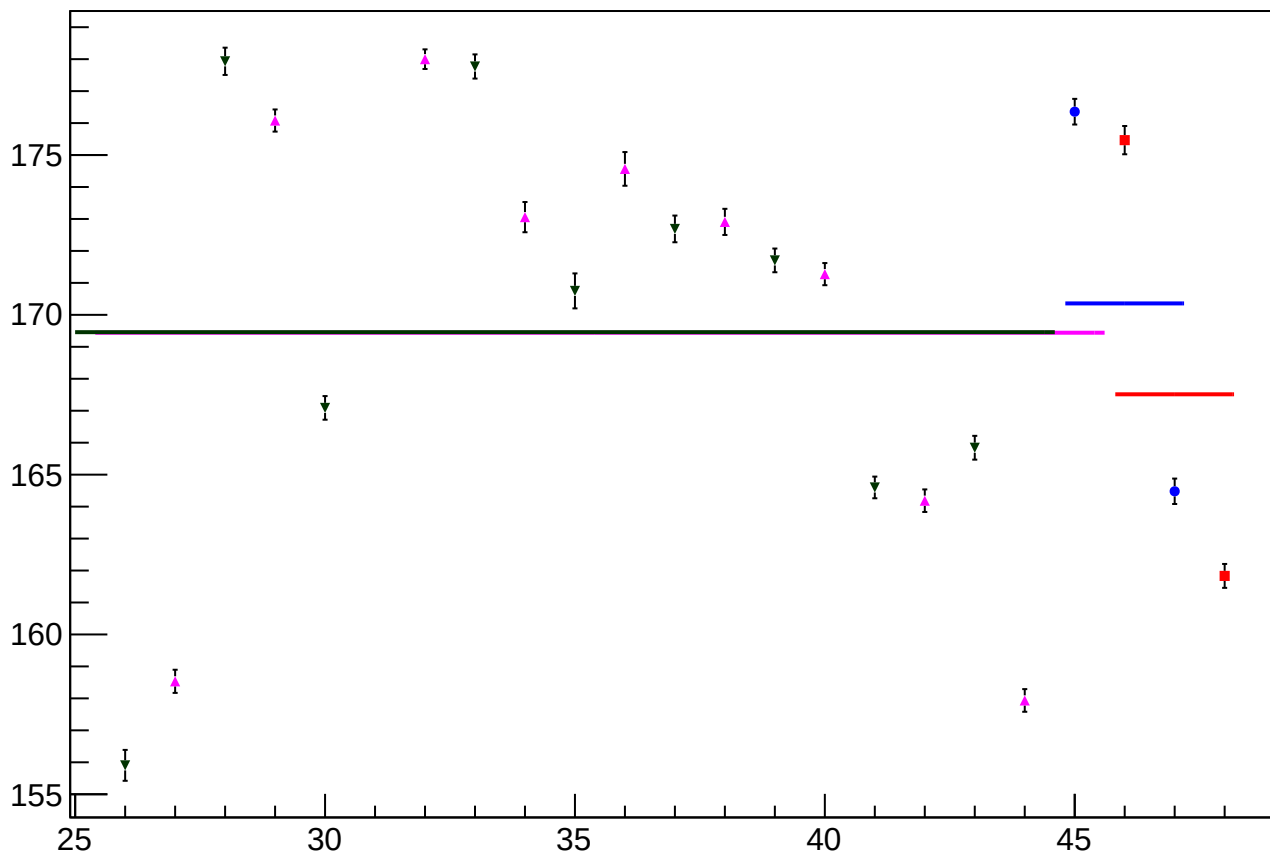
Right Out: -83.745+/-1.344 χ^2/NDF : 3.2/1

Left In: -86.925+/-0.524 χ^2/NDF : 1273.0/8

-77.996+/-0.539 χ^2/NDF : 749.3/10

-86.505+/-0.488 χ^2/NDF : 1281.1/10

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 170.358 ± 0.283 χ^2/NDF : 441.8/1

Left Out: 169.458 ± 0.133 χ^2/NDF : 2105.9/8

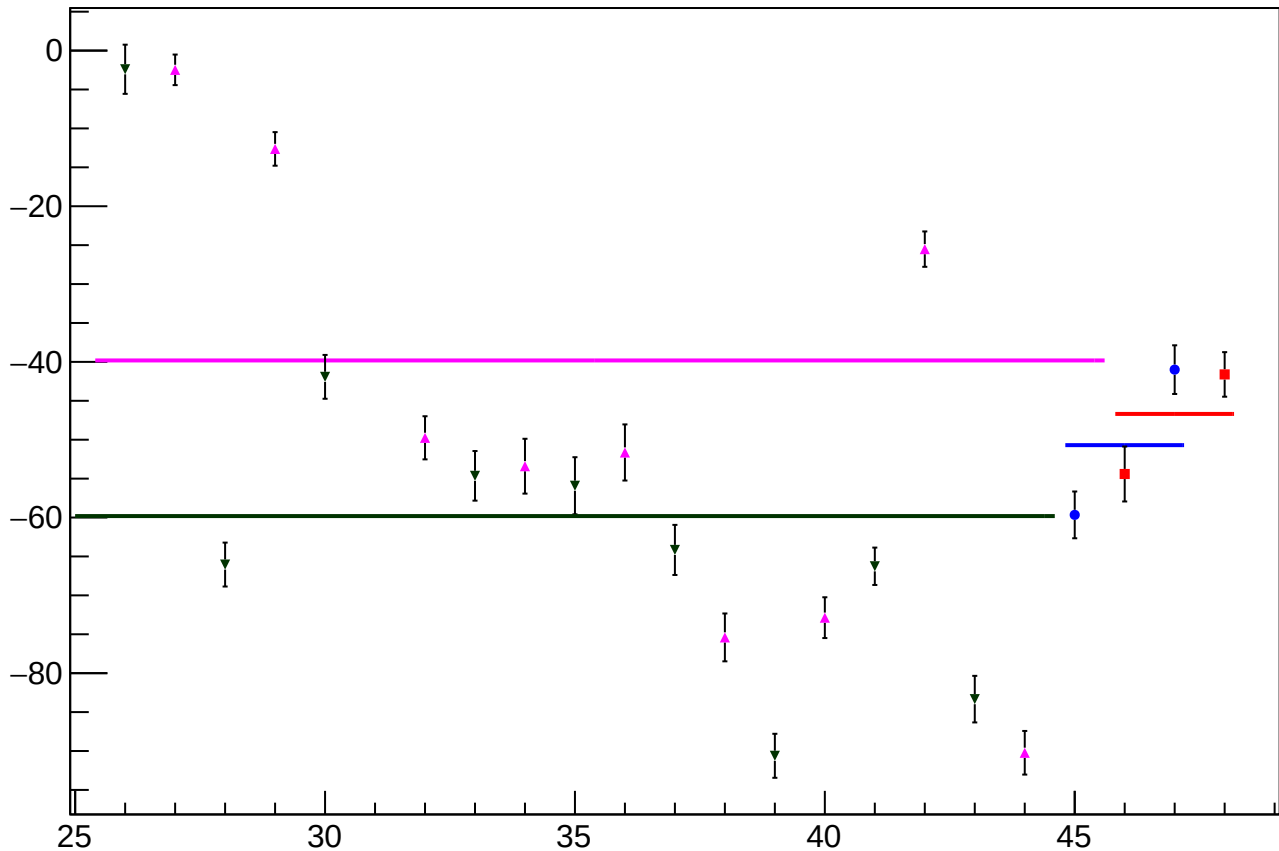
Right Out: 167.514 ± 0.286 χ^2/NDF : 554.1/1

Left In: 169.441 ± 0.124 χ^2/NDF : 3580.5/8

169.622 ± 0.121 χ^2/NDF : 2555.9/10

169.135 ± 0.114 χ^2/NDF : 4172.9/10

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 $\chi^2/\text{NDF}: 568.6/8$

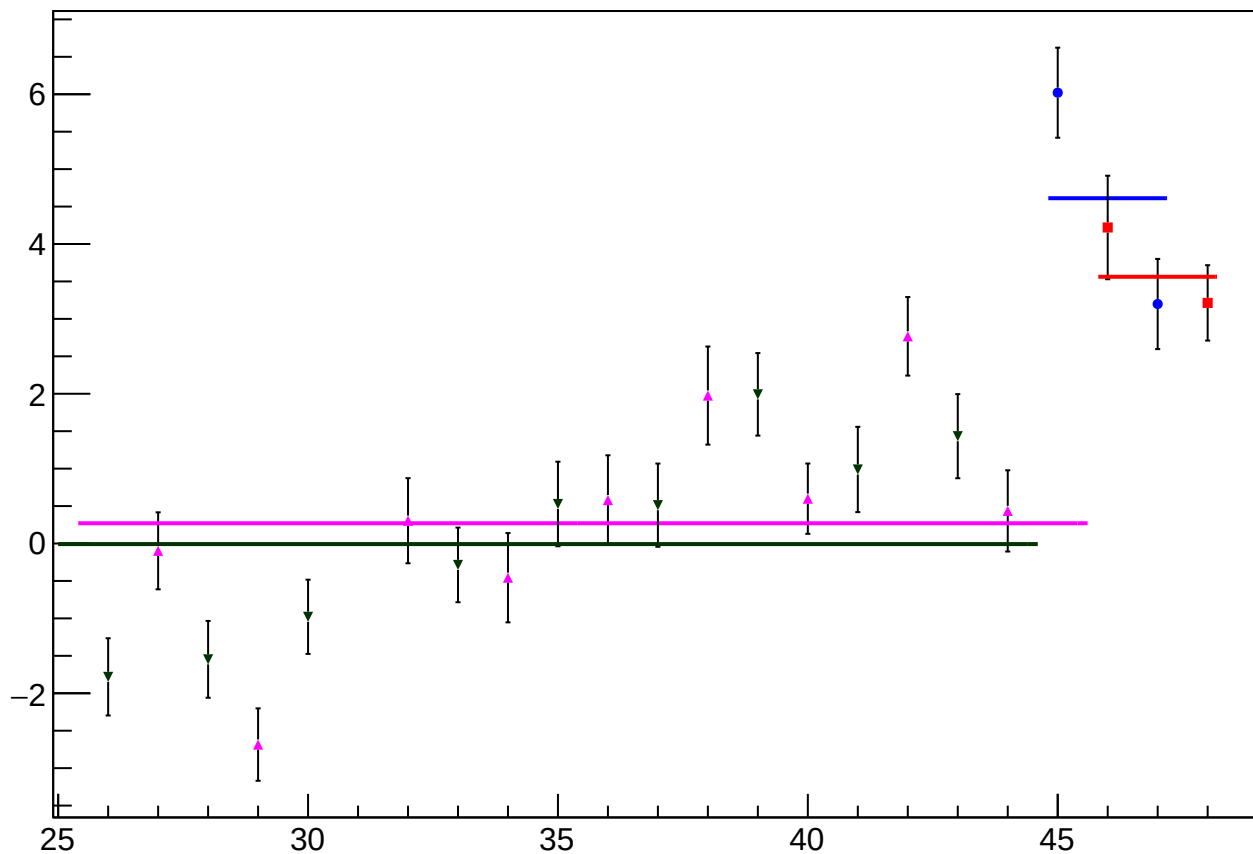
Right Out: -46.687 ± 2.224 $\chi^2/\text{NDF}: 7.9/1$

Left In: -39.815 ± 0.866 $\chi^2/\text{NDF}: 1214.9/8$

-58.253 ± 0.896 $\chi^2/\text{NDF}: 601.8/10$

-40.719 ± 0.807 $\chi^2/\text{NDF}: 1231.1/10$

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 4.611 $\pm$ 0.426 χ^2 /NDF: 11.0/1

Left Out: -0.008 $\pm$ 0.178 χ^2 /NDF: 49.6/8

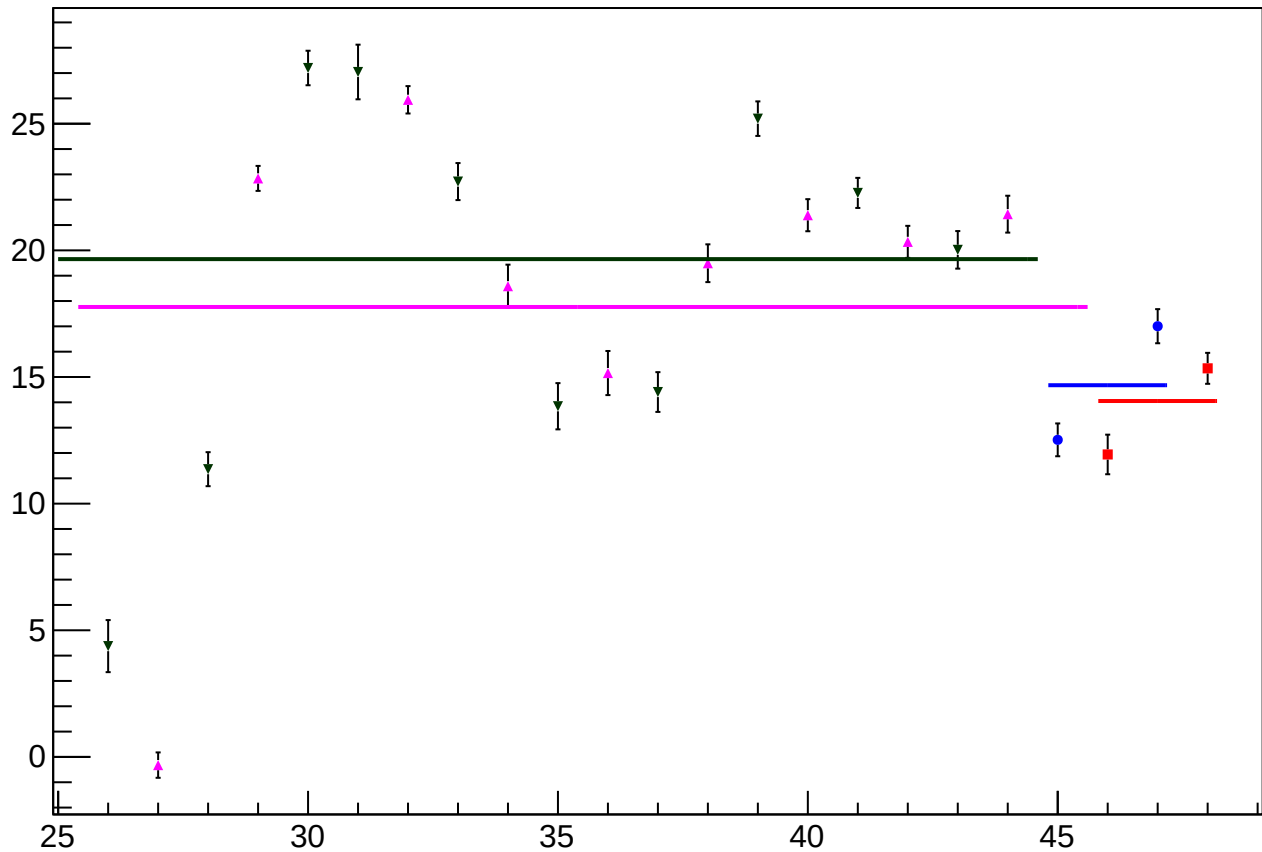
Right Out: 3.562 $\pm$ 0.407 χ^2 /NDF: 1.4/1

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

0.680 $\pm$ 0.164 χ^2 /NDF: 160.8/10

0.812 $\pm$ 0.165 χ^2 /NDF: 125.7/10

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 14.676+/-0.467 χ^2 /NDF: 23.1/1

Left Out: 19.654+/-0.238 χ^2 /NDF:731.5/9

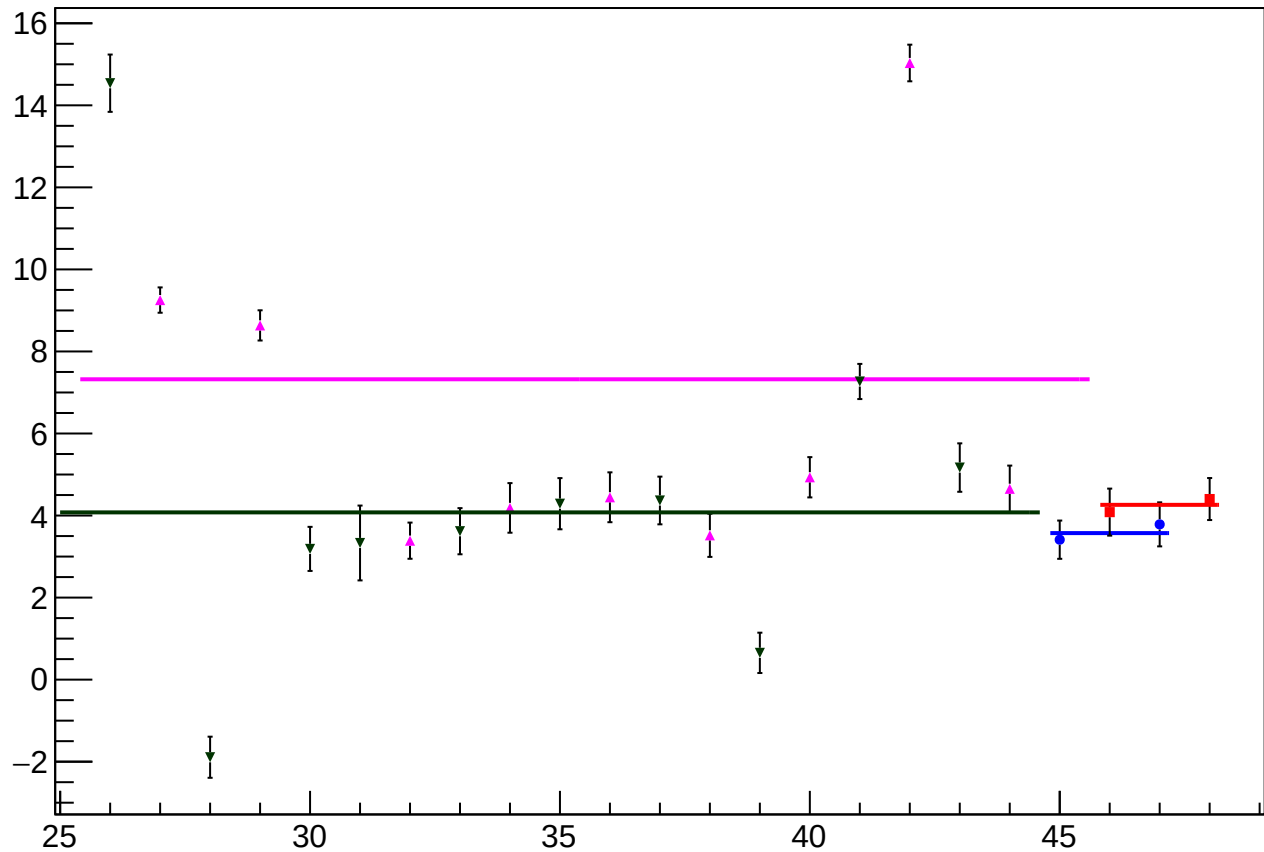
Right Out: 14.052+/-0.481 χ^2 /NDF: 11.8/1

Left In: 17.765+/-0.209 χ^2 /NDF:1728.2/8

18.628+/-0.212 χ^2 /NDF: 844.8/11

17.176+/-0.192 χ^2 /NDF: 1790.1/10

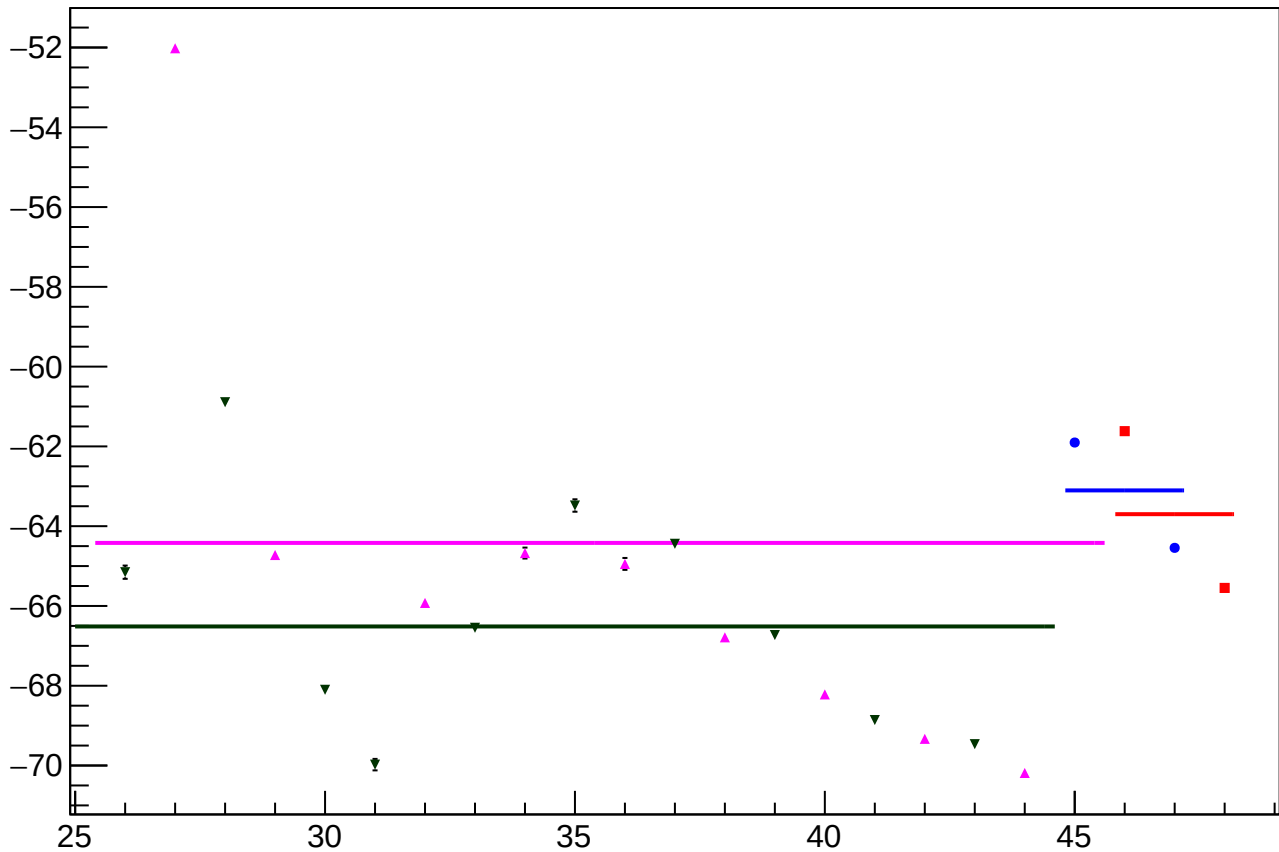
reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.572 $\pm$ 0.352 χ^2 /NDF: 0.3/1
 Left Out: 4.077 $\pm$ 0.177 χ^2 /NDF: 478.1/9
 Right Out: 4.261 $\pm$ 0.382 χ^2 /NDF: 0.2/1
 Left In: 7.322 $\pm$ 0.150 χ^2 /NDF: 577.2/8

3.975 $\pm$ 0.158 χ^2 /NDF: 480.0/11
 6.912 $\pm$ 0.140 χ^2 /NDF: 633.0/10

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -63.103+/-0.076 χ^2/NDF : 296.7/1

Left Out: -66.514+/-0.039 χ^2/NDF : 4814.8/9

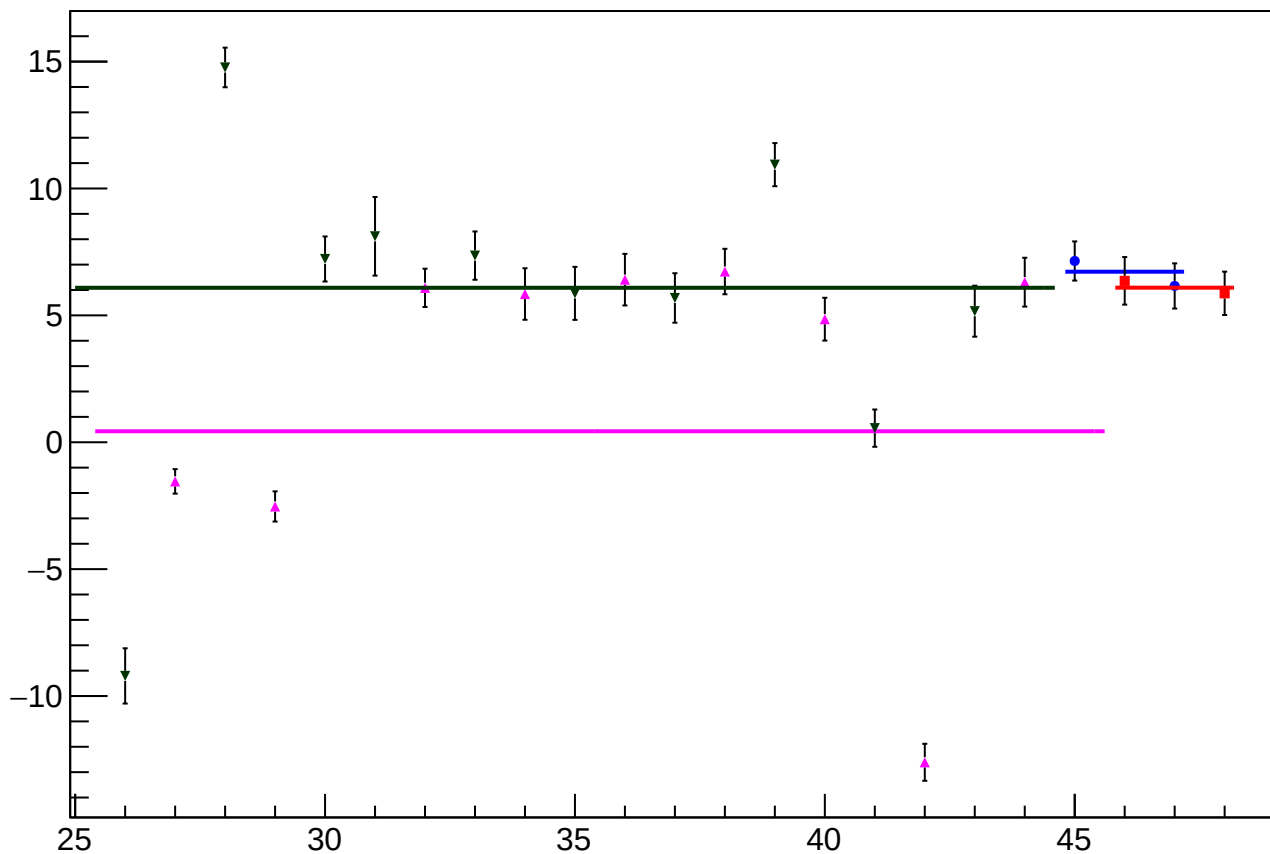
Right Out: -63.699+/-0.081 χ^2/NDF : 586.8/1

Left In: -64.419+/-0.036 χ^2/NDF : 25022.3/8

-65.798+/-0.035 χ^2/NDF : 6689.8/11

-64.300+/-0.033 χ^2/NDF : 25675.2/10

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 $\chi^2/\text{NDF}: 416.6/9$

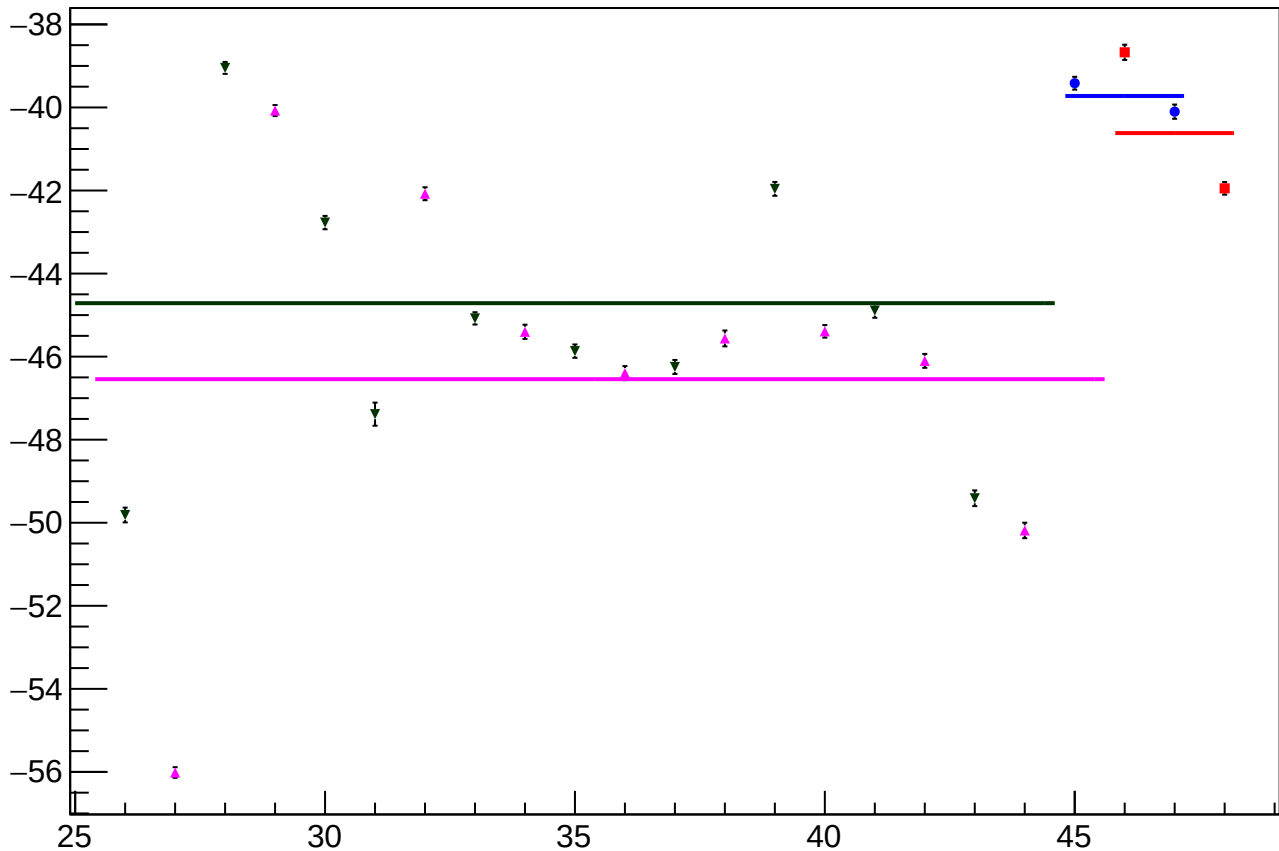
Right Out: 6.091 ± 0.631 $\chi^2/\text{NDF}: 0.2/1$

Left In: 0.433 ± 0.247 $\chi^2/\text{NDF}: 594.7/8$

6.216 ± 0.263 $\chi^2/\text{NDF}: 418.3/11$

1.182 ± 0.230 $\chi^2/\text{NDF}: 664.6/10$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -39.723 ± 0.115 $\chi^2/\text{NDF}: 8.8/1$

Left Out: -44.712 ± 0.054 $\chi^2/\text{NDF}: 3648.7/9$

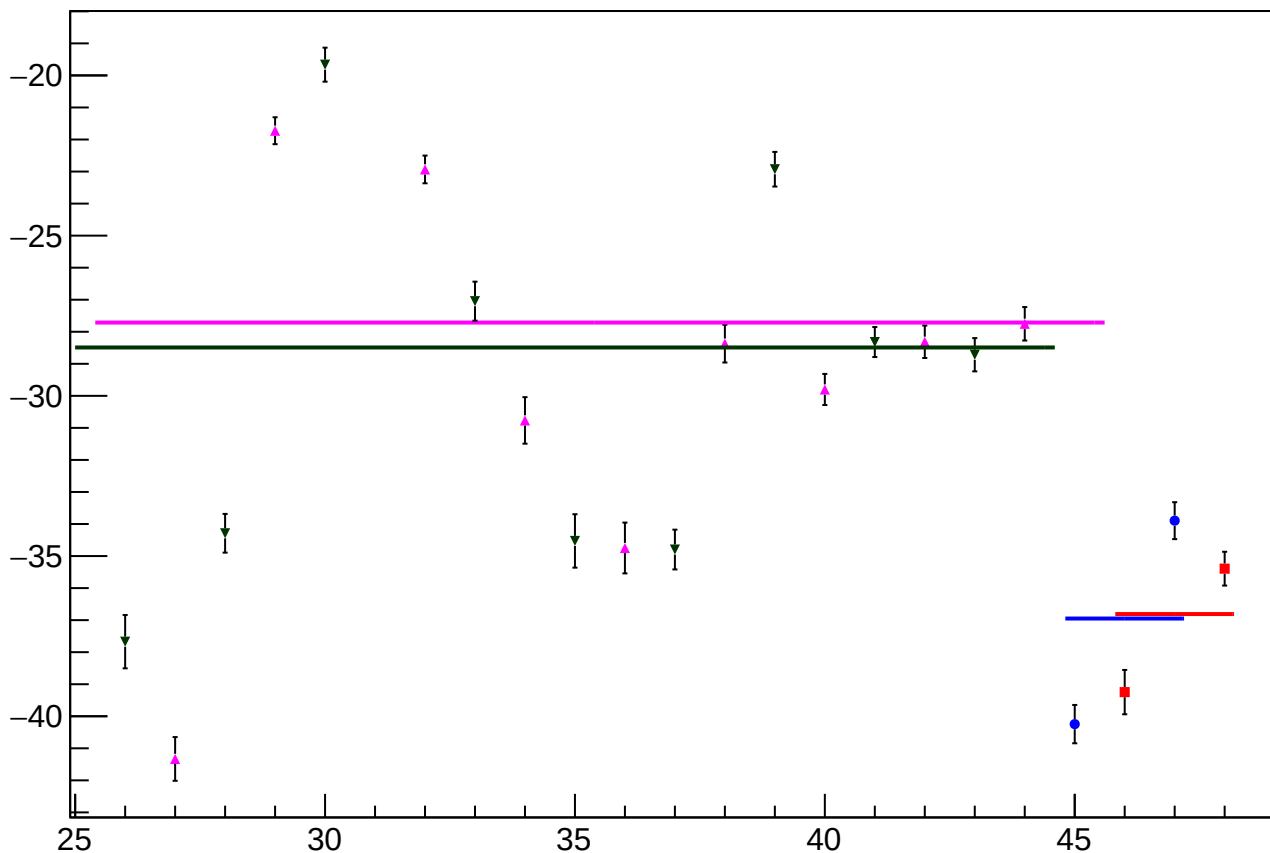
Right Out: -40.617 ± 0.117 $\chi^2/\text{NDF}: 188.6/1$

Left In: -46.543 ± 0.052 $\chi^2/\text{NDF}: 9214.1/8$

-43.820 ± 0.049 $\chi^2/\text{NDF}: 5206.6/11$

-45.553 ± 0.048 $\chi^2/\text{NDF}: 11533.7/10$

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -36.950 $\pm$ 0.415 χ^2 /NDF: 58.5/1

Left Out: -28.490 $\pm$ 0.195 χ^2 /NDF: 758.4/8

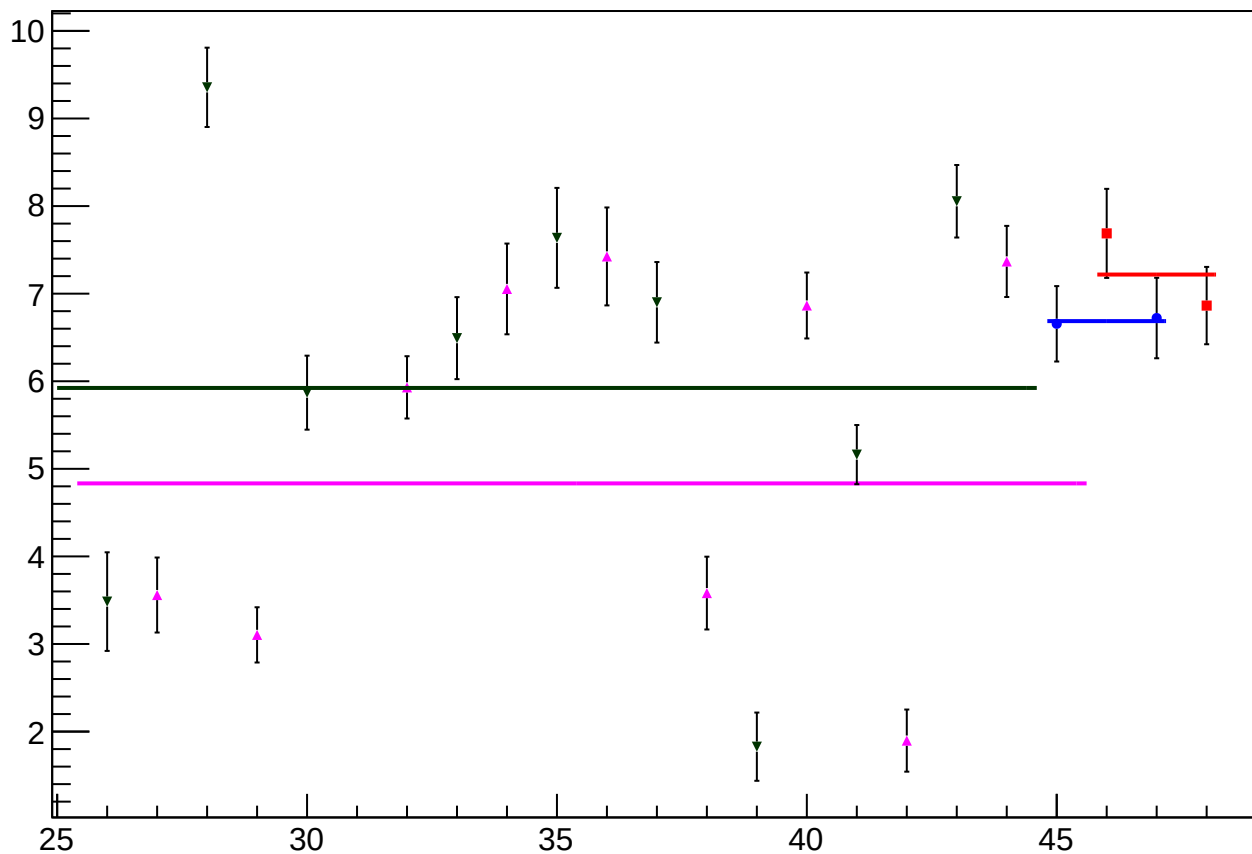
Right Out: -36.810 $\pm$ 0.419 χ^2 /NDF: 19.6/1

Left In: -27.713 $\pm$ 0.179 χ^2 /NDF: 841.0/8

-30.027 $\pm$ 0.177 χ^2 /NDF: 1156.9/10

-29.109 $\pm$ 0.164 χ^2 /NDF: 1258.8/10

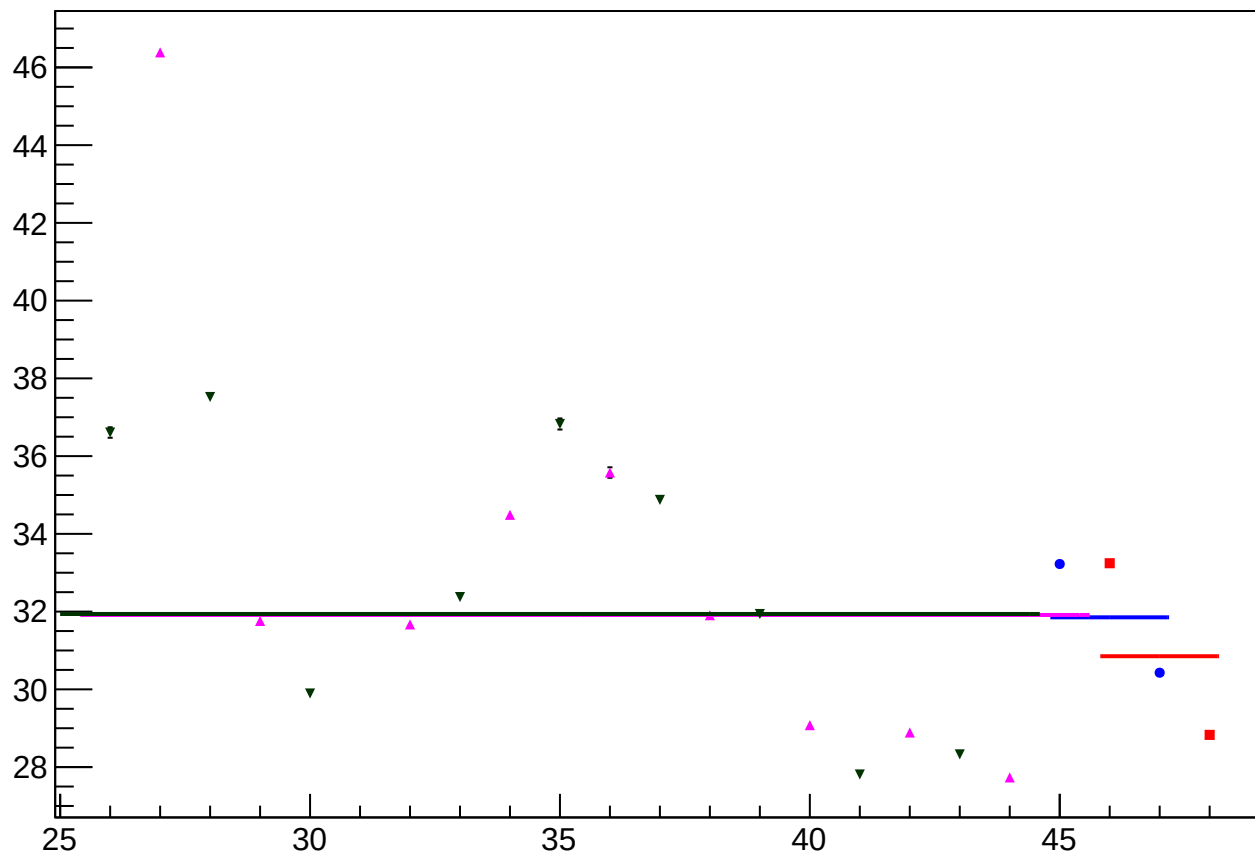
reg_asym_usr_diff_bpm4aY_slope vs slug



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: 7.218 $\pm$ 0.333 χ^2 /NDF: 1.5/1
 Left In: 4.834 $\pm$ 0.132 χ^2 /NDF:234.0/8

6.058 $\pm$ 0.132 χ^2 /NDF: 238.2/10
 5.158 $\pm$ 0.123 χ^2 /NDF: 279.7/10

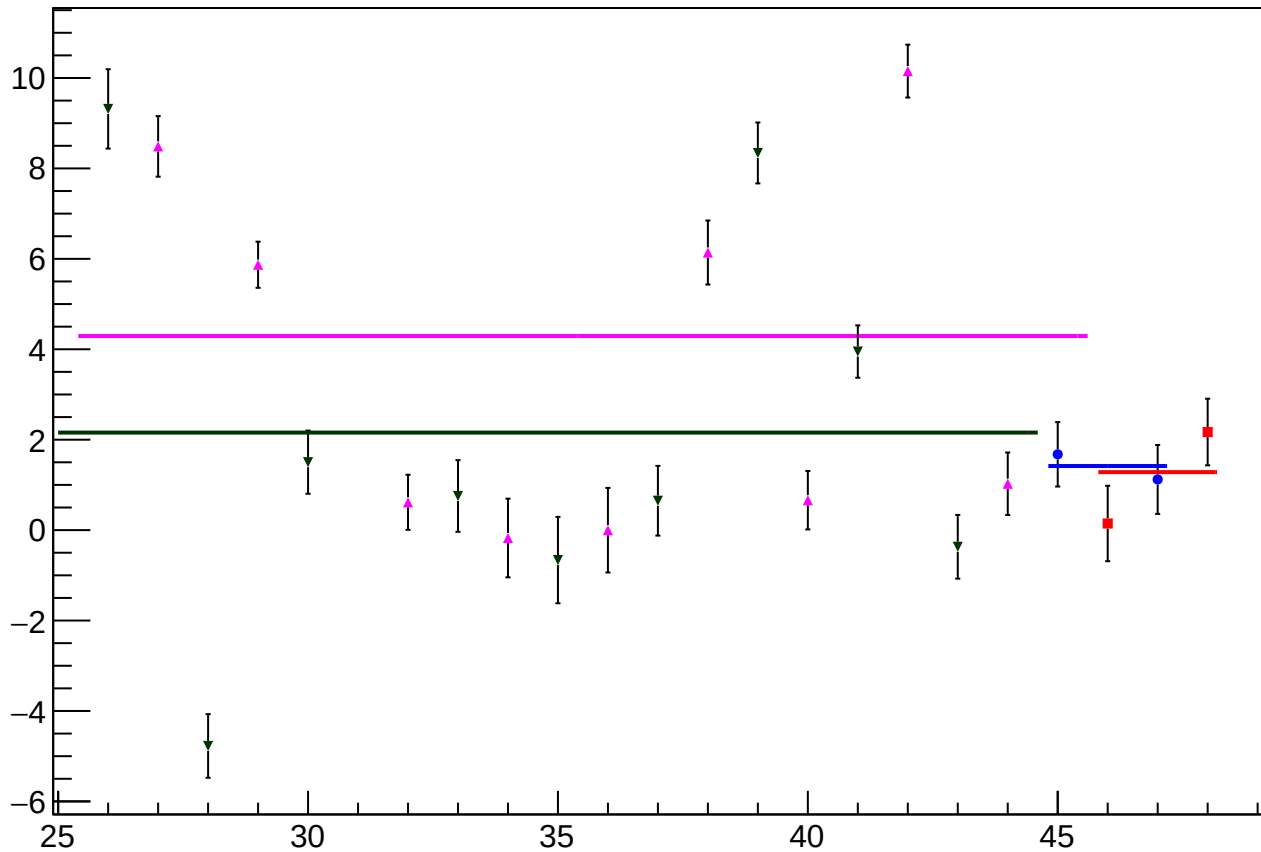
reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 31.853 ± 0.068 χ^2/NDF : 424.3/1
 Left Out: 31.939 ± 0.033 χ^2/NDF : 10847.9/8
 Right Out: 30.852 ± 0.070 χ^2/NDF : 974.9/1
 Left In: 31.913 ± 0.031 χ^2/NDF : 20133.4/8

31.923 ± 0.029 χ^2/NDF : 11273.5/10
 31.745 ± 0.028 χ^2/NDF : 21299.0/10

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

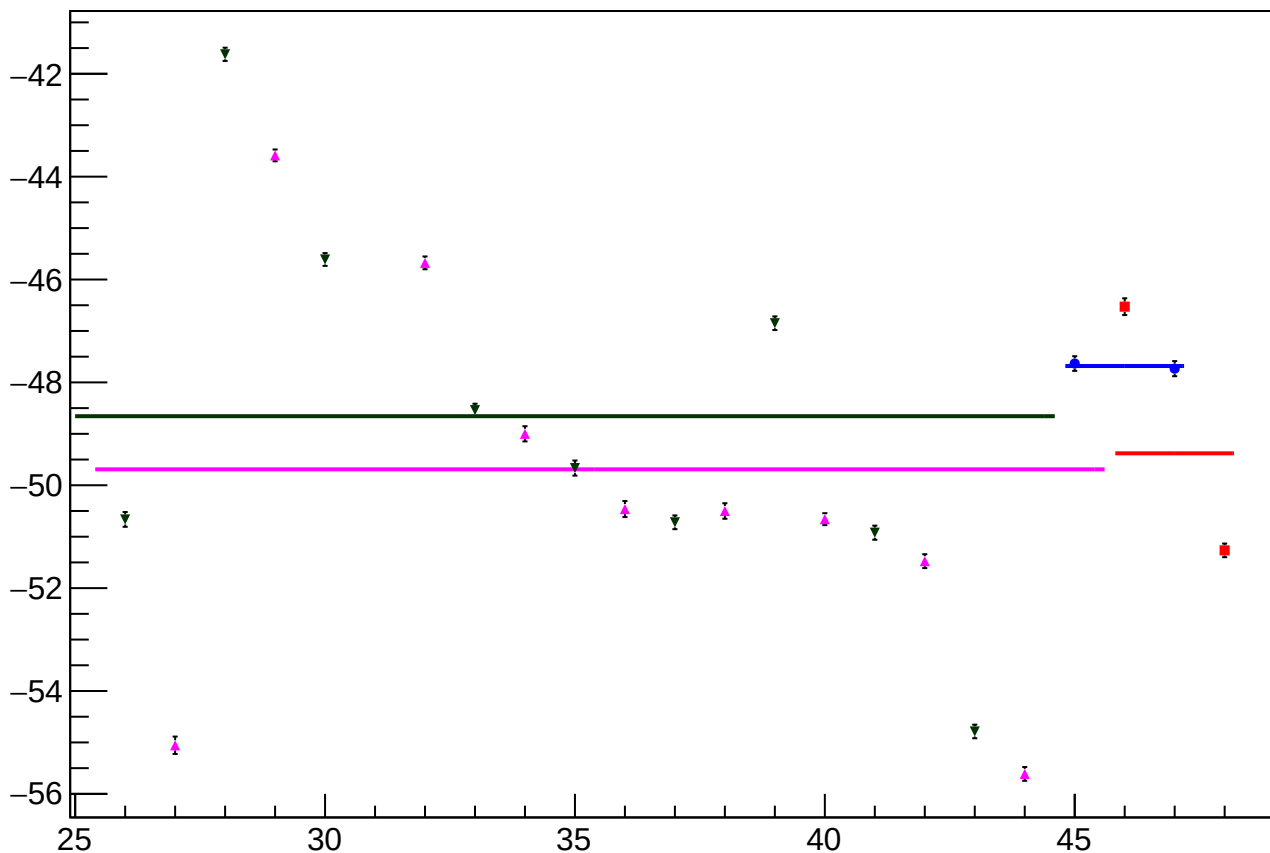
Right Out: 1.283 ± 0.552 χ^2/NDF : 3.3/1

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

2.025 ± 0.220 χ^2/NDF : 288.6/10

3.880 ± 0.204 χ^2/NDF : 322.7/10

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -47.682 ± 0.102 $\chi^2/\text{NDF}: 0.2/1$

Left Out: -48.657 ± 0.044 $\chi^2/\text{NDF}: 6659.9/8$

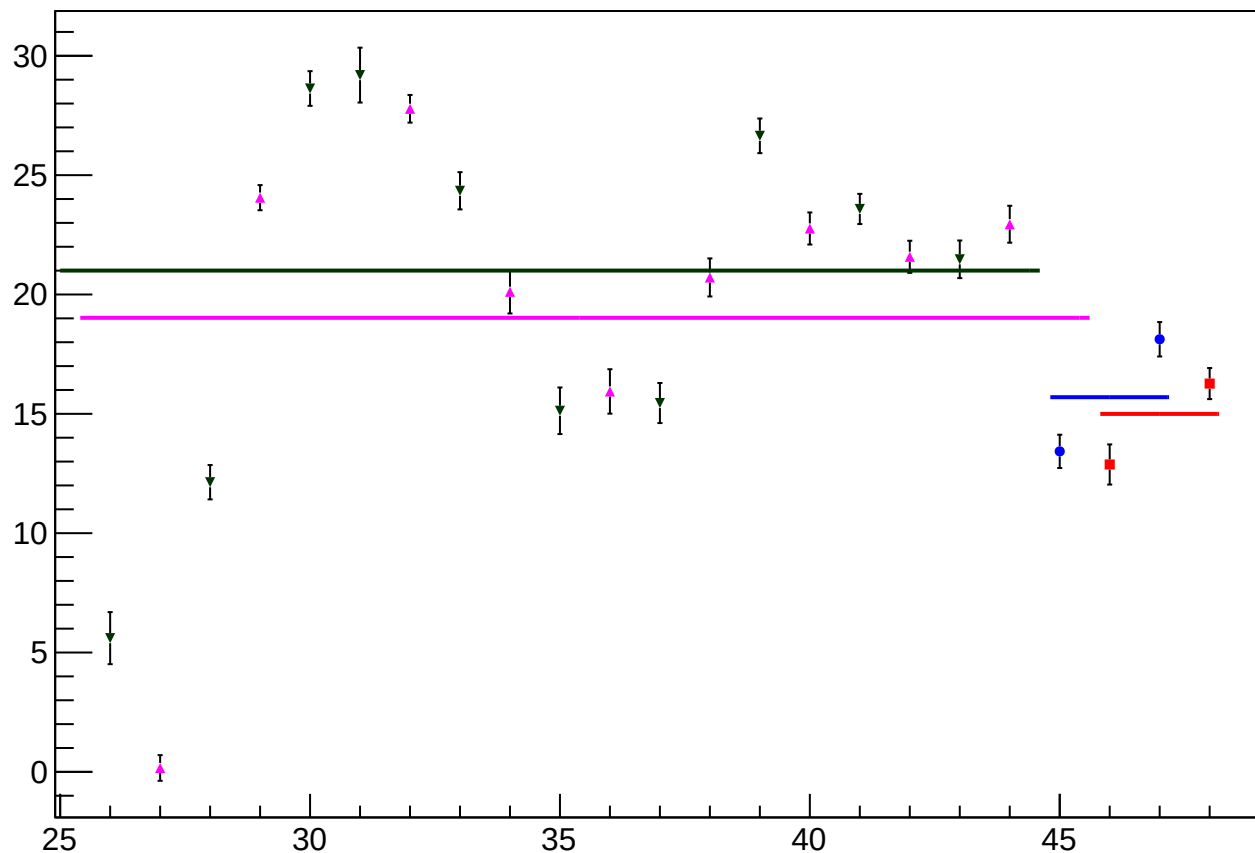
Right Out: -49.379 ± 0.103 $\chi^2/\text{NDF}: 506.9/1$

Left In: -49.690 ± 0.045 $\chi^2/\text{NDF}: 7146.4/8$

-48.503 ± 0.041 $\chi^2/\text{NDF}: 6736.6/10$

-49.640 ± 0.041 $\chi^2/\text{NDF}: 7661.0/10$

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

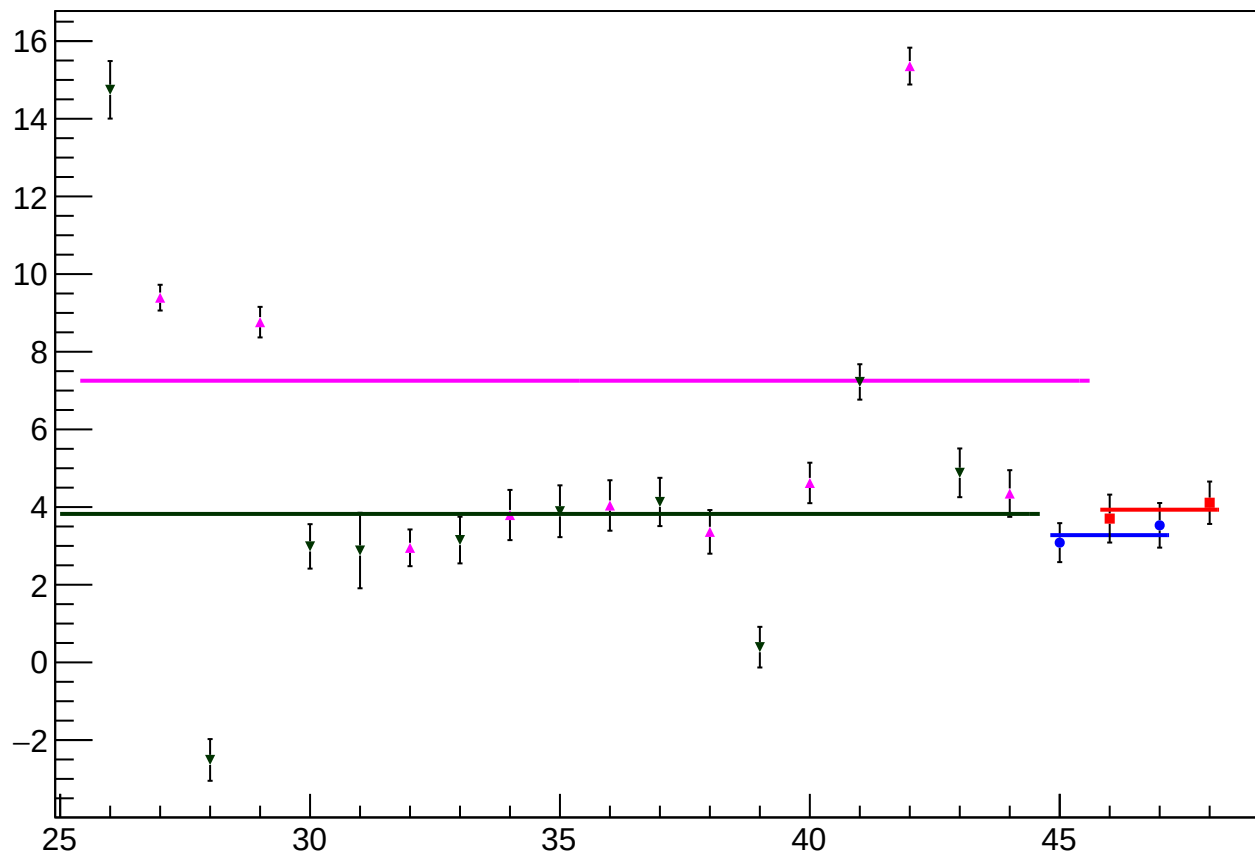
Right Out: 14.997+/-0.515 χ^2/NDF : 10.2/1

Left In: 19.023+/-0.223 χ^2/NDF : 1636.4/8

19.921+/-0.226 χ^2/NDF : 799.2/11

18.386+/-0.205 χ^2/NDF : 1698.0/10

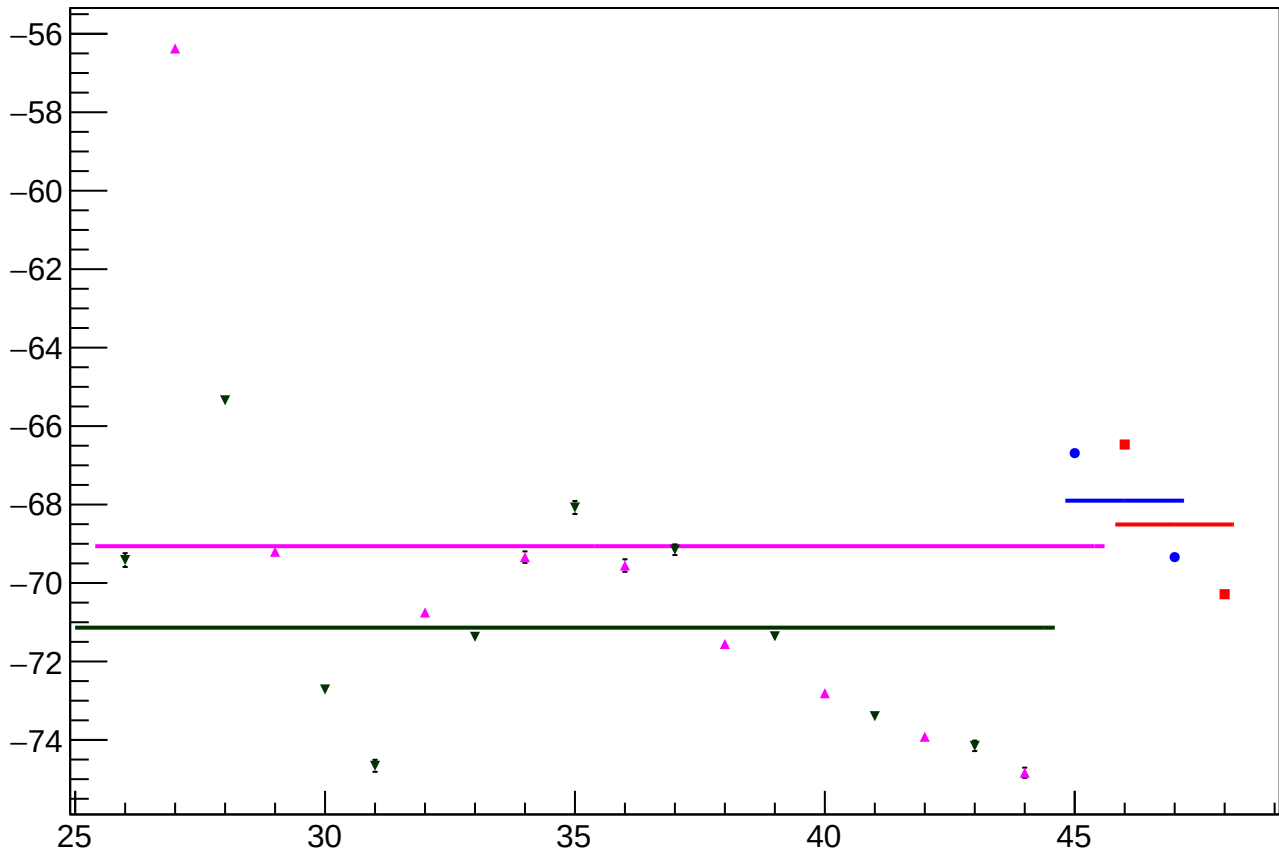
reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 3.277 ± 0.378 χ^2/NDF : 0.3/1
 Left Out: 3.824 ± 0.189 χ^2/NDF : 462.2/9
 Right Out: 3.932 ± 0.409 χ^2/NDF : 0.2/1
 Left In: 7.254 ± 0.160 χ^2/NDF : 580.6/8

3.714 ± 0.169 χ^2/NDF : 464.3/11
 6.811 ± 0.149 χ^2/NDF : 638.0/10

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

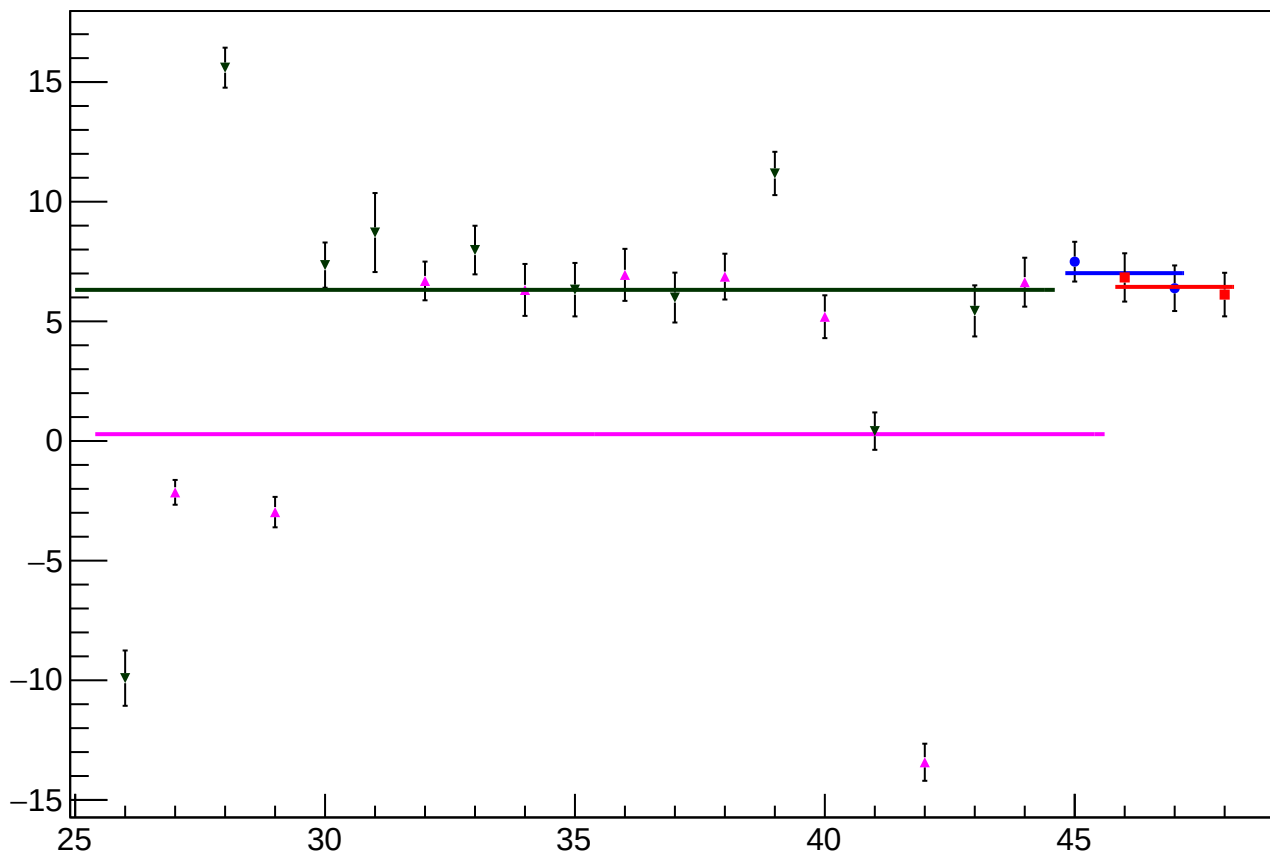
Right Out: -68.508±/-0.087 χ^2/NDF : 481.5/1

Left In: -69.062±/-0.039 χ^2/NDF : 22618.3/8

-70.466±/-0.037 χ^2/NDF : 5867.4/11

-68.970±/-0.035 χ^2/NDF : 23133.9/10

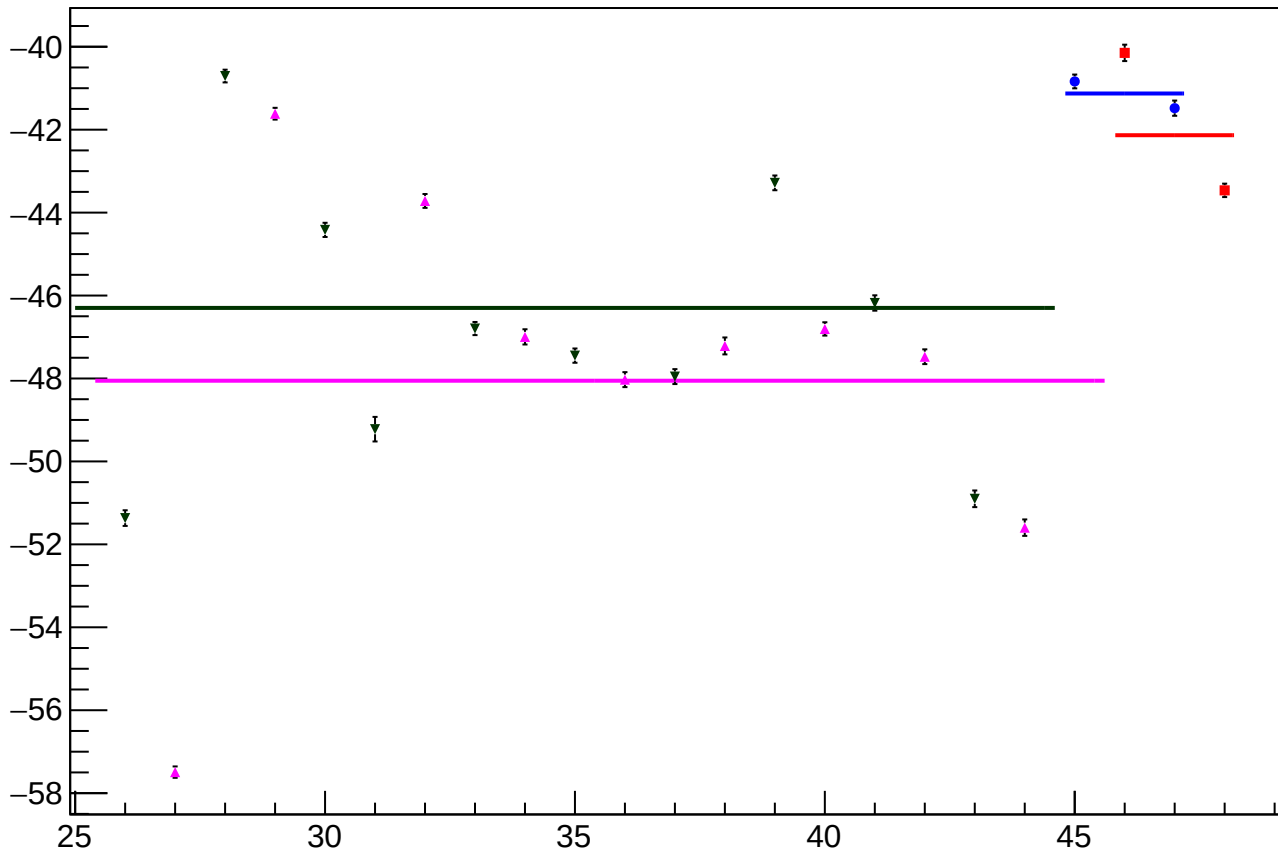
reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.014 ± 0.626 χ^2/NDF : 0.8/1
 Left Out: 6.316 ± 0.315 χ^2/NDF : 413.3/9
 Right Out: 6.440 ± 0.676 χ^2/NDF : 0.3/1
 Left In: 0.285 ± 0.264 χ^2/NDF : 608.0/8

6.457 ± 0.281 χ^2/NDF : 415.1/11
 1.098 ± 0.246 χ^2/NDF : 680.3/10

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

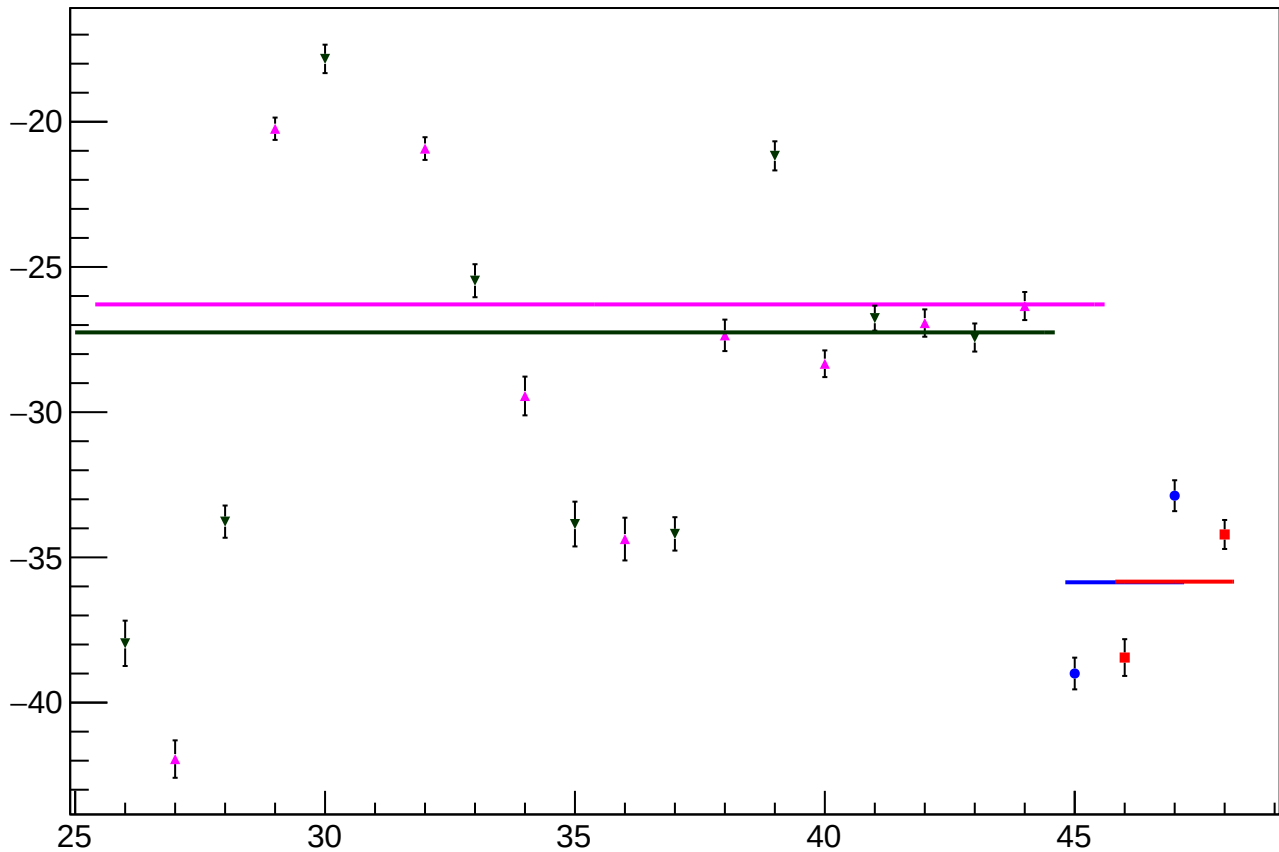
Right Out: -42.134 ± 0.125 χ^2/NDF : 168.1/1

Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-45.383 ± 0.052 χ^2/NDF : 4667.9/11

-47.068 ± 0.051 χ^2/NDF : 9941.0/10

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

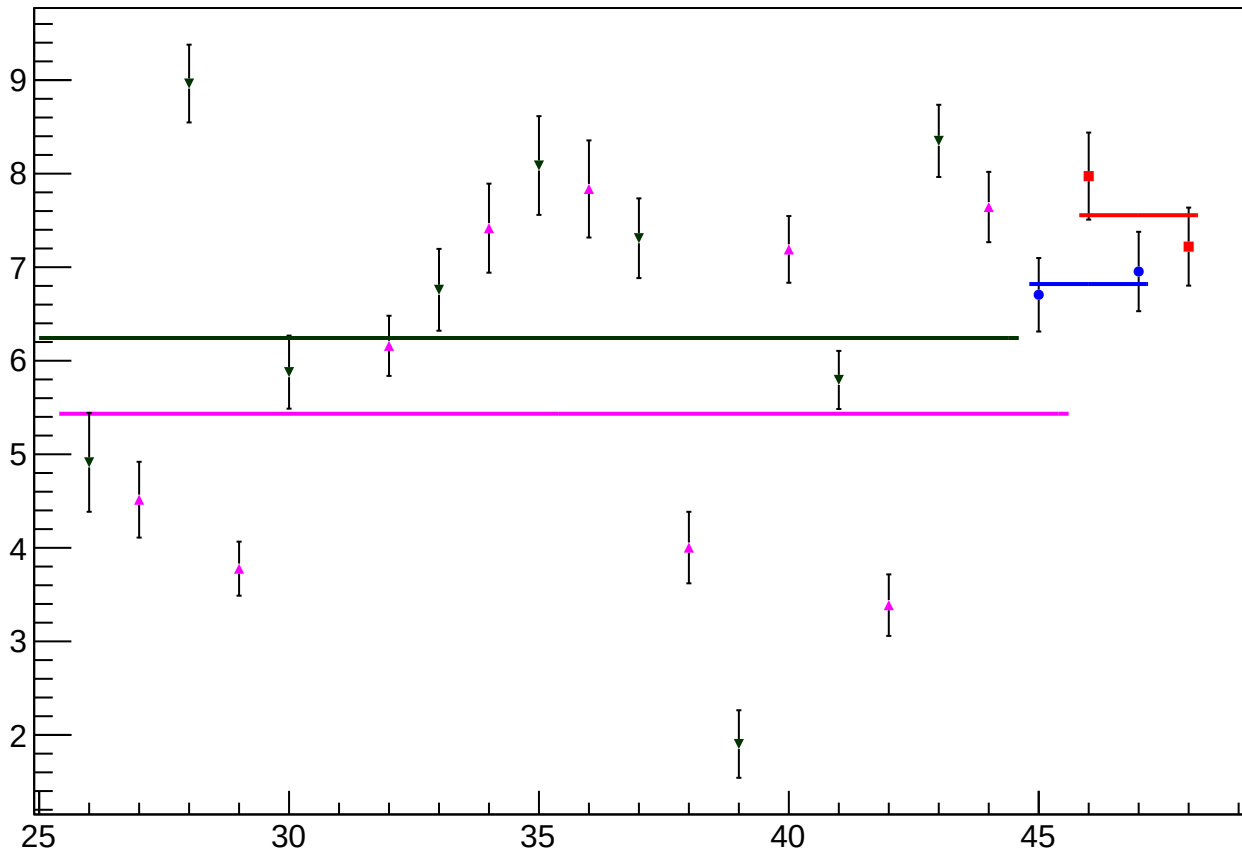
Right Out: -35.835 $\pm$ 0.392 χ^2 /NDF: 27.7/1

Left In: -26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-28.837 $\pm$ 0.164 χ^2 /NDF: 1553.6/10

-27.726 $\pm$ 0.152 χ^2 /NDF: 1726.4/10

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

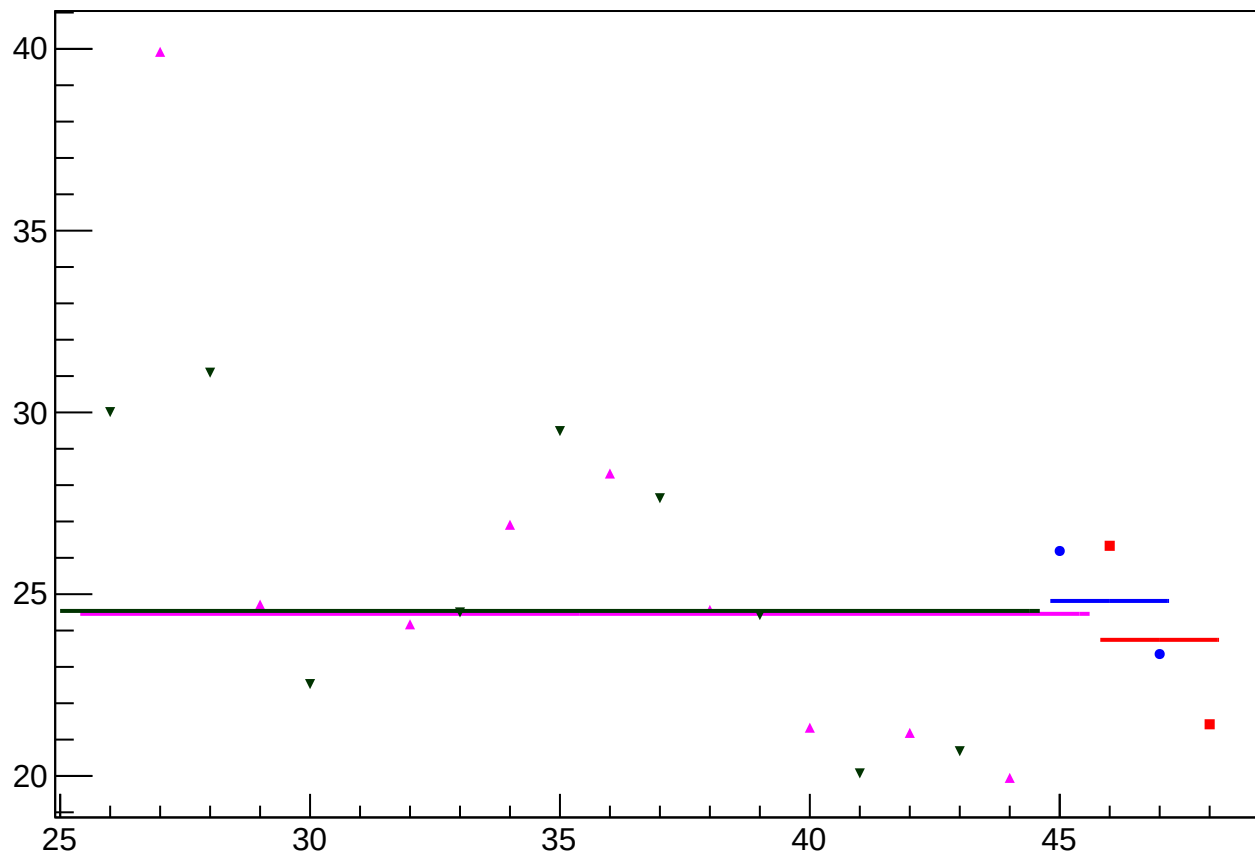
Right Out: 7.556 $\pm$ 0.311 χ^2 /NDF: 1.5/1

Left In: 5.433 $\pm$ 0.122 χ^2 /NDF:193.5/8

6.347 $\pm$ 0.122 χ^2 /NDF: 249.8/10

5.718 $\pm$ 0.114 χ^2 /NDF: 235.4/10

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 24.814 $\pm$ 0.062 χ^2/NDF : 517.5/1

Left Out: 24.539 $\pm$ 0.030 χ^2/NDF : 15395.0/8

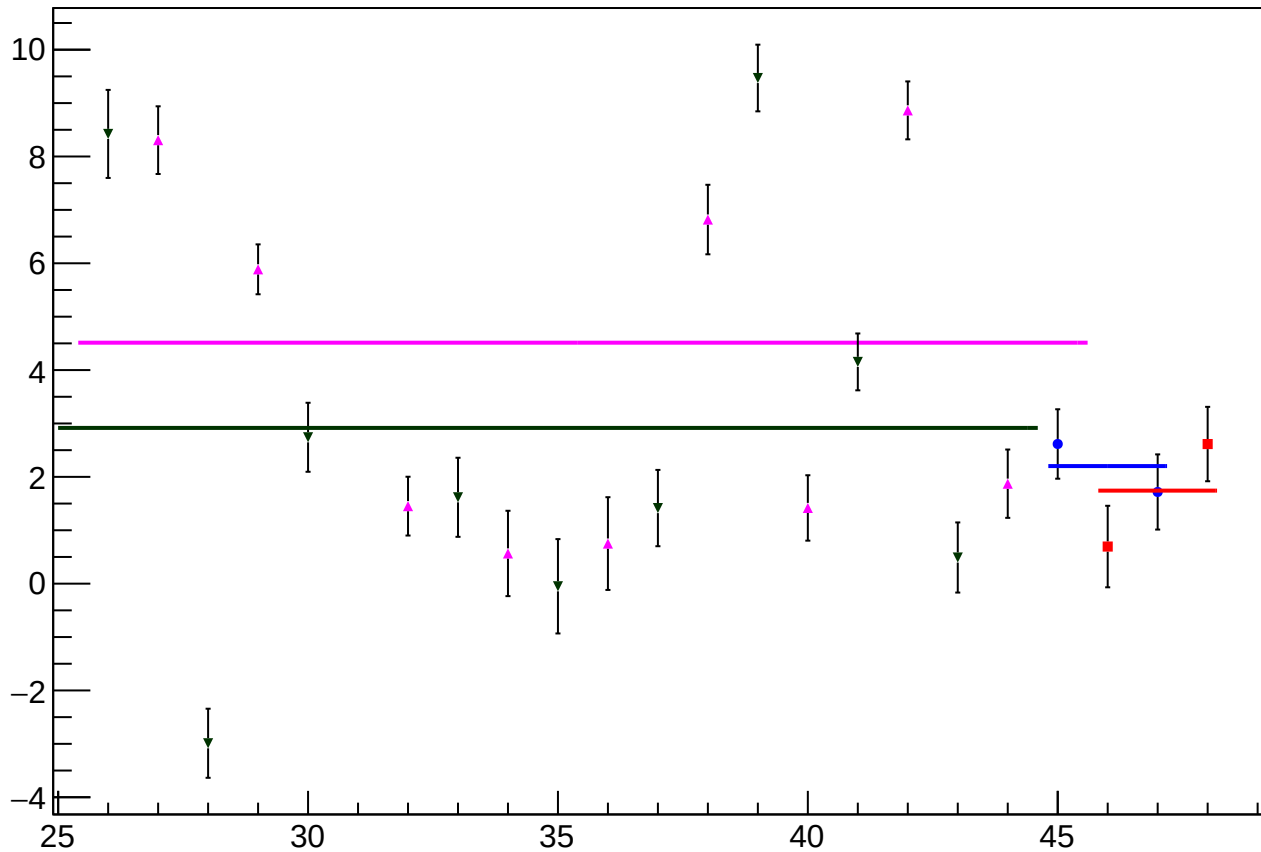
Right Out: 23.744 $\pm$ 0.066 χ^2/NDF : 1400.0/1

Left In: 24.459 $\pm$ 0.028 χ^2/NDF : 26092.7/8

24.592 $\pm$ 0.027 χ^2/NDF : 15928.3/10

24.348 $\pm$ 0.026 χ^2/NDF : 27593.2/10

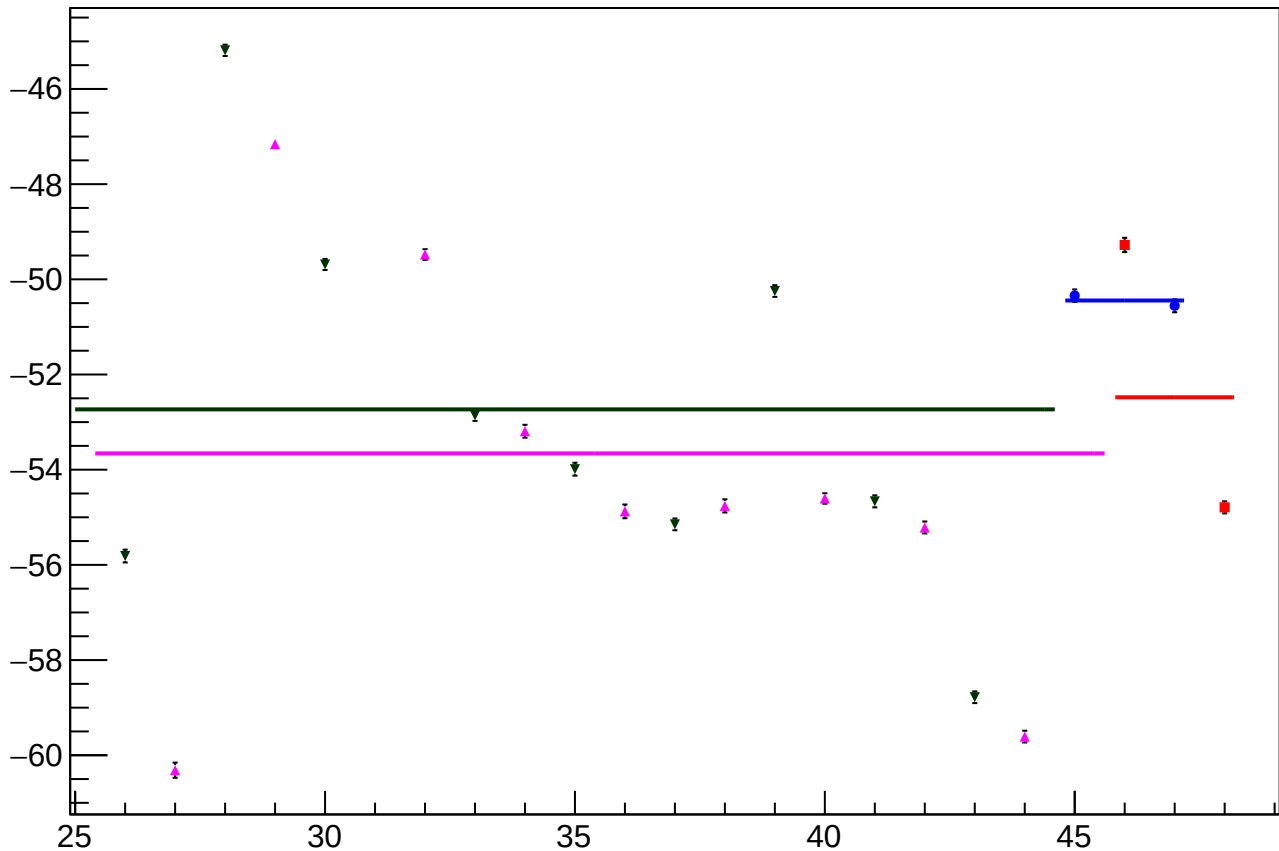
reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 2.202 ± 0.478 $\chi^2/\text{NDF}: 0.9/1$
 Left Out: 2.917 ± 0.225 $\chi^2/\text{NDF}: 276.0/8$
 Right Out: 1.742 ± 0.515 $\chi^2/\text{NDF}: 3.5/1$
 Left In: 4.513 ± 0.204 $\chi^2/\text{NDF}: 238.0/8$

2.787 ± 0.204 $\chi^2/\text{NDF}: 278.7/10$
 4.138 ± 0.189 $\chi^2/\text{NDF}: 266.5/10$

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -50.445 ± 0.094 χ^2/NDF : 1.3/1

Left Out: -52.733 ± 0.041 χ^2/NDF : 8744.9/8

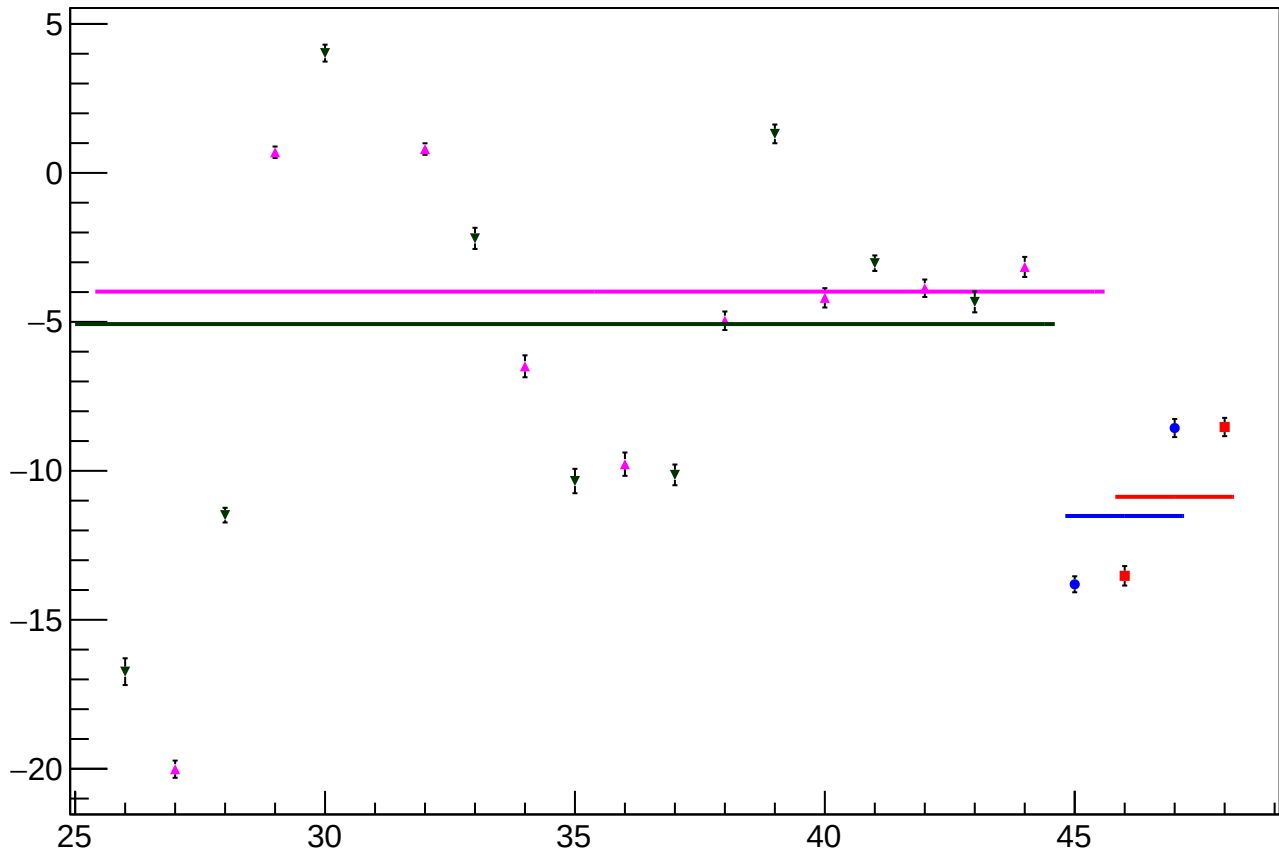
Right Out: -52.478 ± 0.097 χ^2/NDF : 790.5/1

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-52.363 ± 0.038 χ^2/NDF : 9243.5/10

-53.472 ± 0.038 χ^2/NDF : 10502.9/10

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

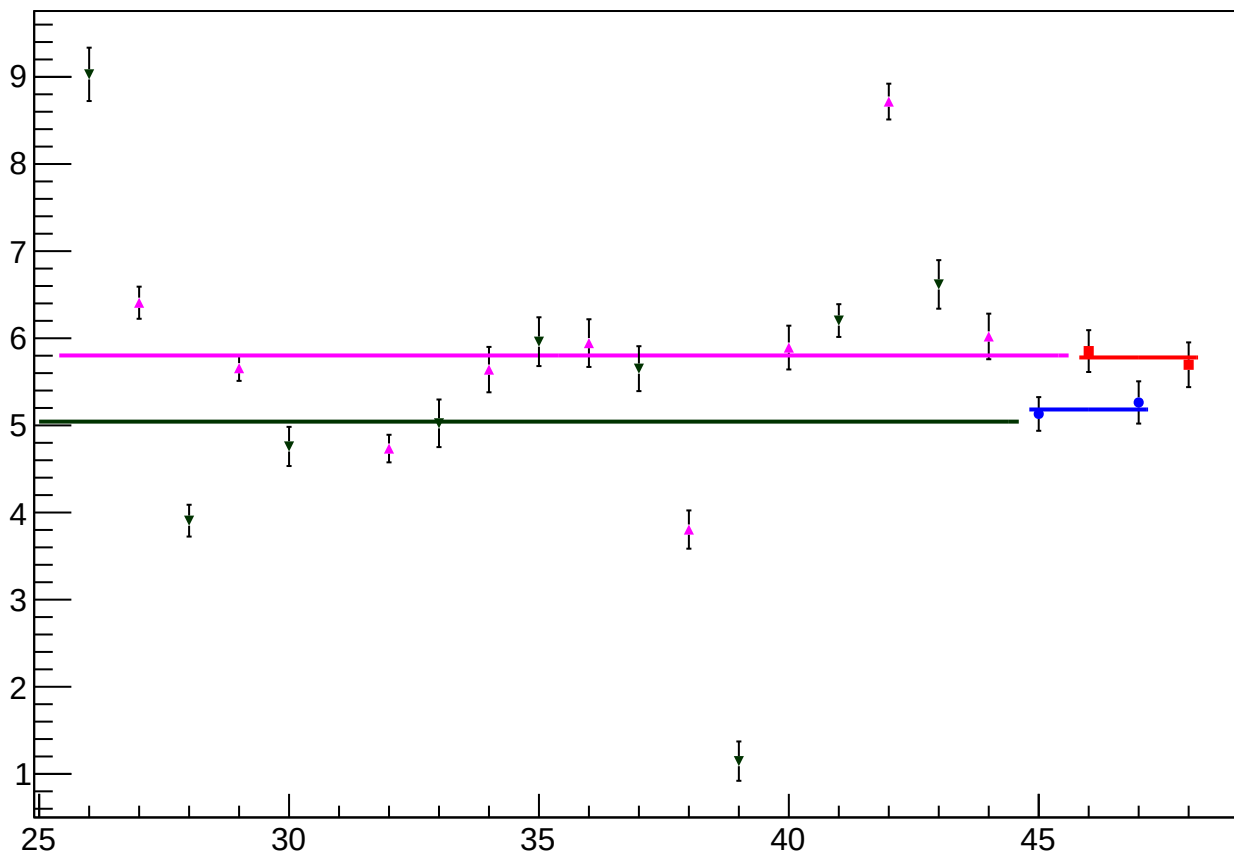
Right Out: -10.872±/0.224 χ^2/NDF : 123.7/1

Left In: -3.984±/0.091 χ^2/NDF : 4557.3/8

-6.470±/0.094 χ^2/NDF : 4264.4/10

-4.968±/0.085 χ^2/NDF : 5490.9/10

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.183+/-0.151 χ^2/NDF : 0.2/1

Left Out: 5.043+/-0.078 χ^2/NDF : 594.0/8

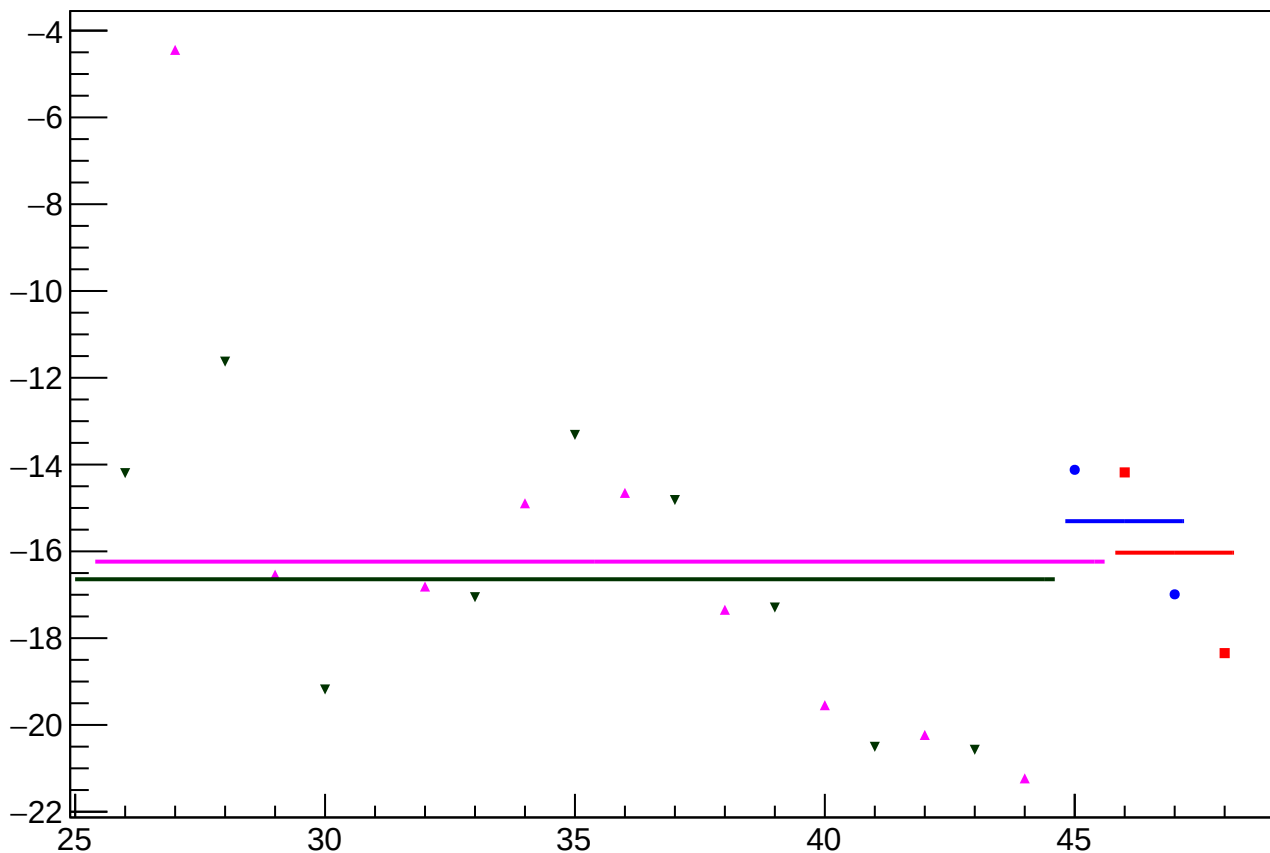
Right Out: 5.780+/-0.175 χ^2/NDF : 0.2/1

Left In: 5.803+/-0.067 χ^2/NDF : 343.0/8

5.073+/-0.070 χ^2/NDF : 594.9/10

5.800+/-0.063 χ^2/NDF : 343.2/10

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -15.304 $\pm$ 0.033 χ^2 /NDF: 1847.5/1

Left Out: -16.643 $\pm$ 0.018 χ^2 /NDF: 32975.5/8

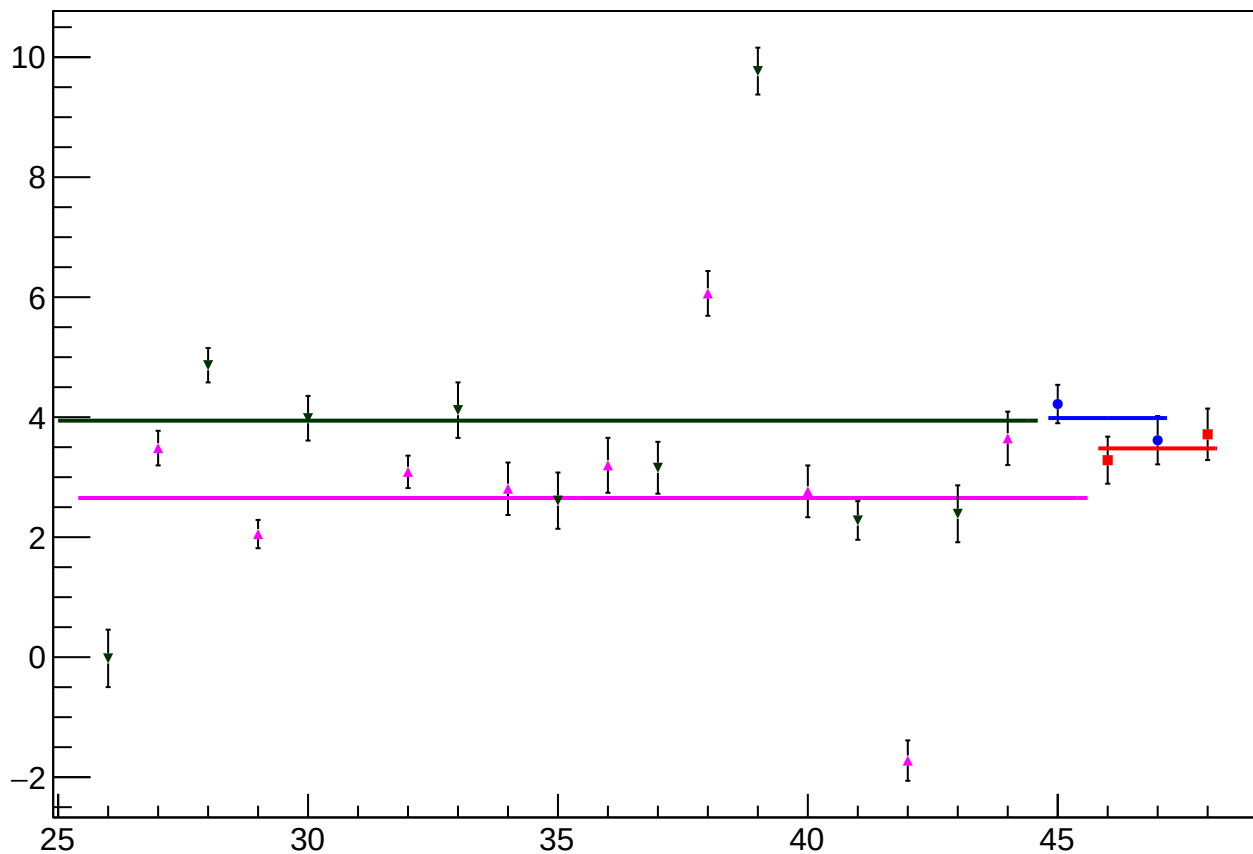
Right Out: -16.030 $\pm$ 0.037 χ^2 /NDF: 3148.6/1

Left In: -16.237 $\pm$ 0.016 χ^2 /NDF: 73670.4/8

-16.341 $\pm$ 0.016 χ^2 /NDF: 36107.9/10

-16.205 $\pm$ 0.014 χ^2 /NDF: 76845.5/10

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.985 ± 0.250 $\chi^2/\text{NDF}: 1.4/1$

Left Out: 3.942 ± 0.130 $\chi^2/\text{NDF}: 350.2/8$

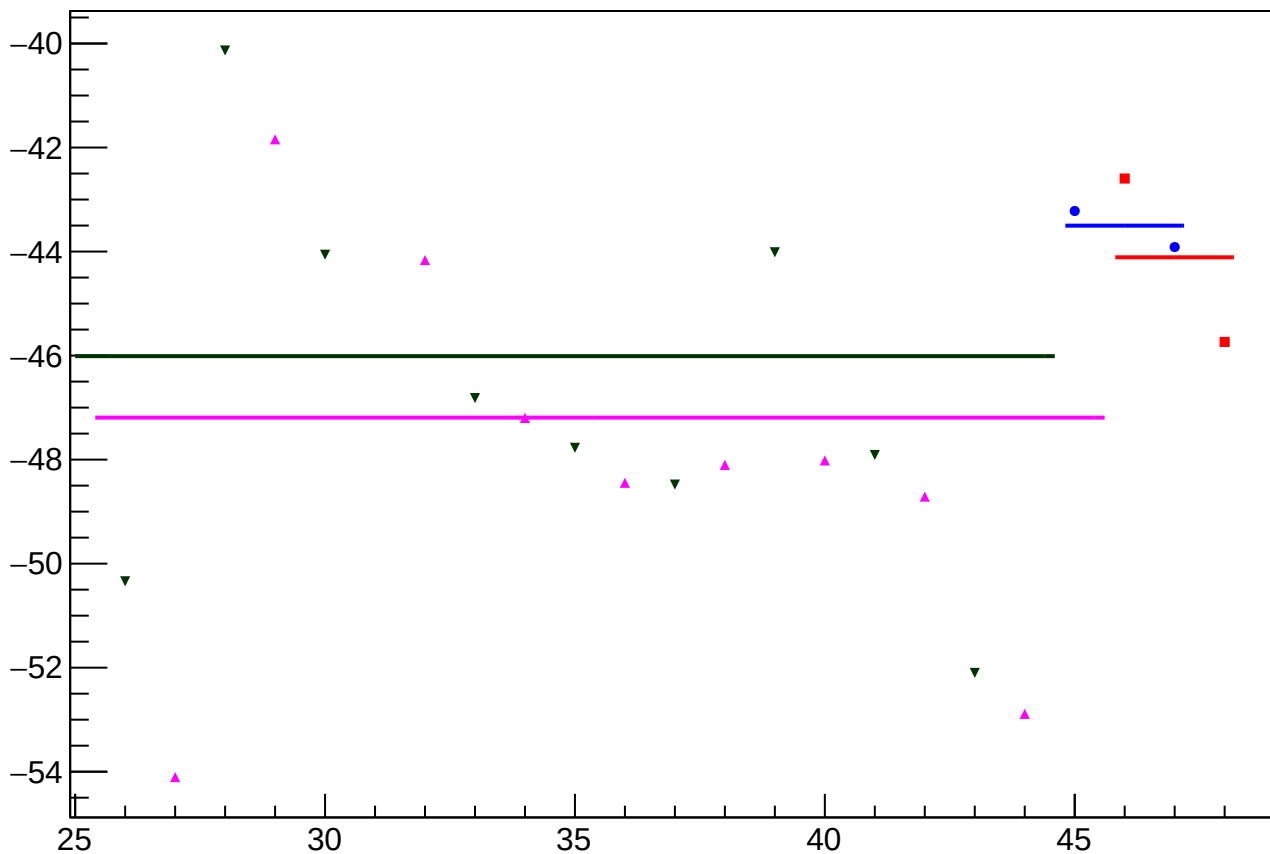
Right Out: 3.480 ± 0.289 $\chi^2/\text{NDF}: 0.6/1$

Left In: 2.653 ± 0.112 $\chi^2/\text{NDF}: 276.7/8$

3.951 ± 0.116 $\chi^2/\text{NDF}: 351.6/10$

2.760 ± 0.104 $\chi^2/\text{NDF}: 284.3/10$

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -43.502±/-0.049 χ^2/NDF : 47.4/1

Left Out: -46.011±/-0.024 χ^2/NDF : 23317.4/8

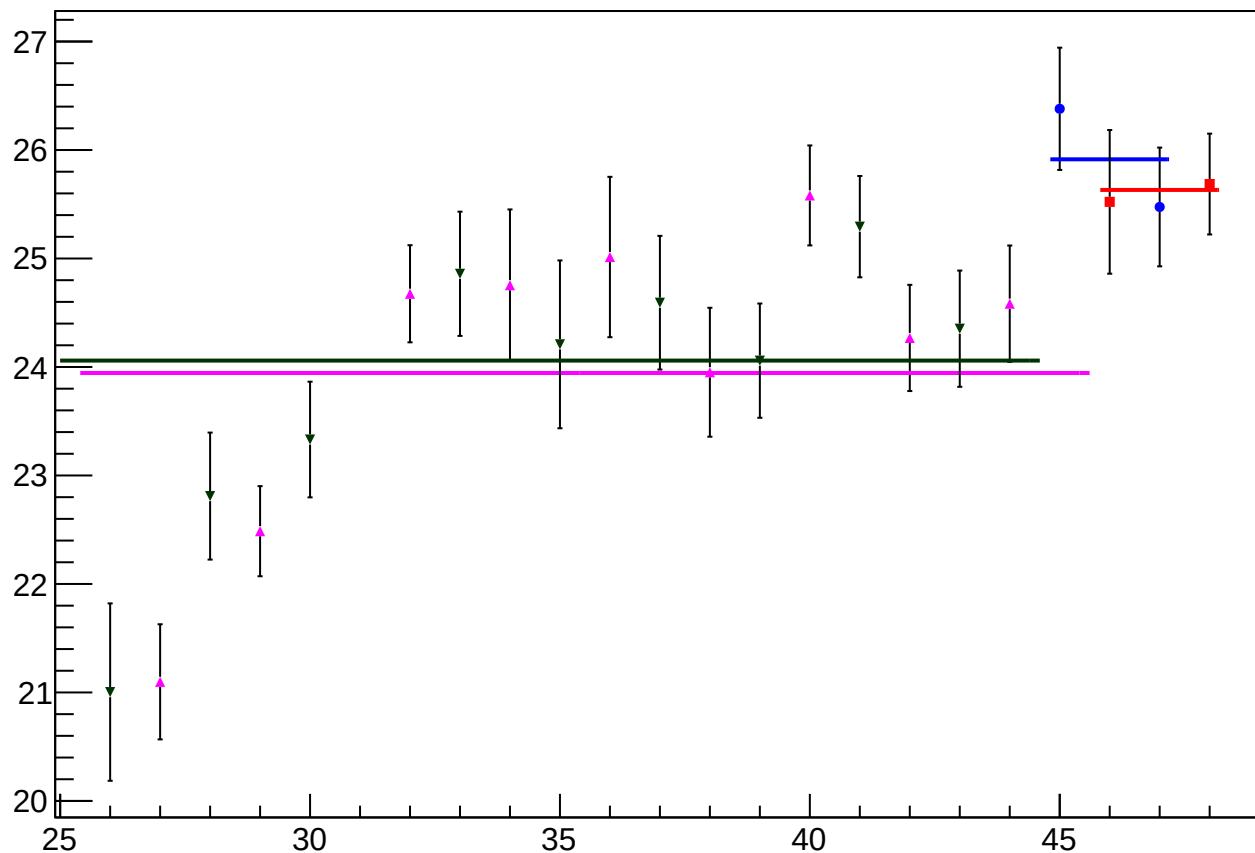
Right Out: -44.111±/-0.056 χ^2/NDF : 799.9/1

Left In: -47.193±/-0.023 χ^2/NDF : 27380.9/8

-45.530±/-0.022 χ^2/NDF : 25446.4/10

-46.728±/-0.022 χ^2/NDF : 30799.6/10

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

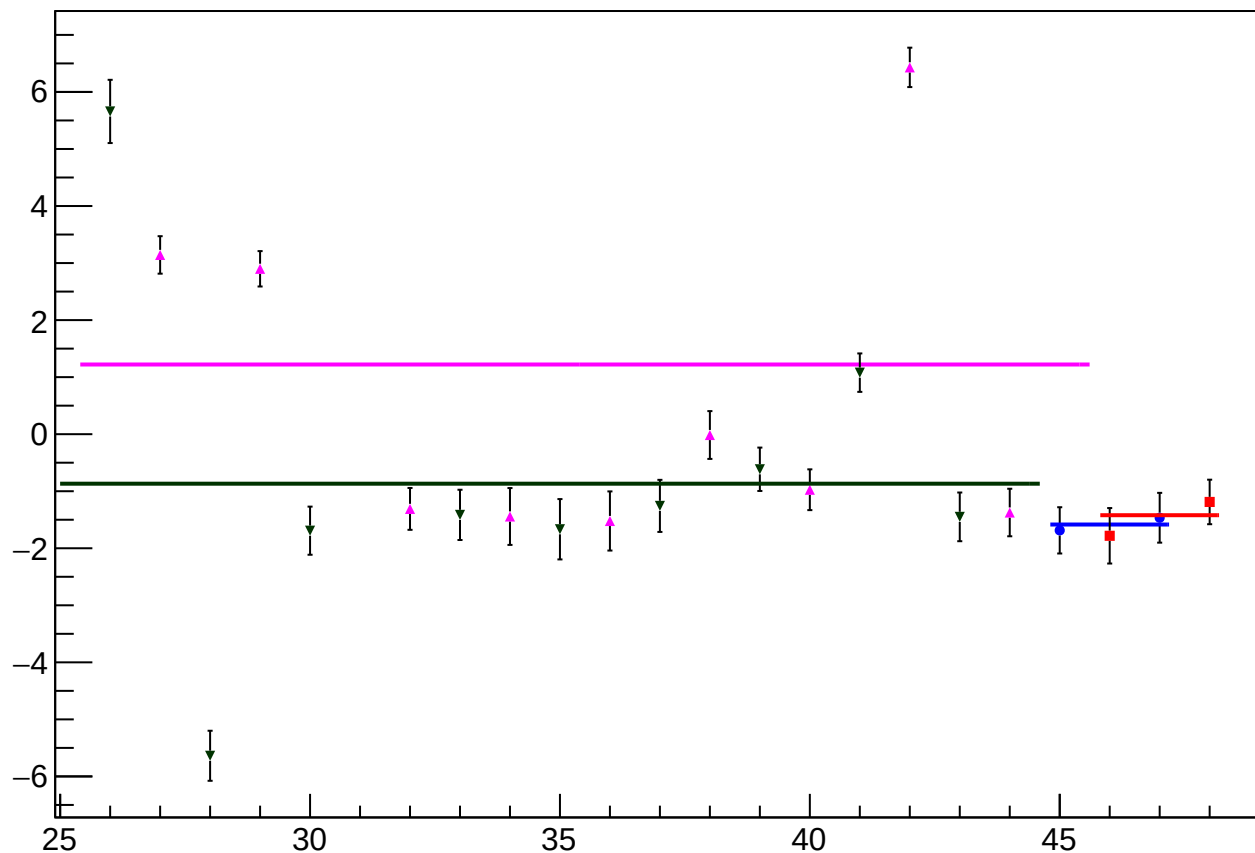
Right Out: 25.632 $\pm$ 0.380 χ^2 /NDF: 0.0/1

Left In: 23.945 $\pm$ 0.173 χ^2 /NDF:61.7/8

24.419 $\pm$ 0.173 χ^2 /NDF: 49.7/10

24.234 $\pm$ 0.157 χ^2 /NDF: 78.0/10

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 $\chi^2/\text{NDF: } 300.9/8$

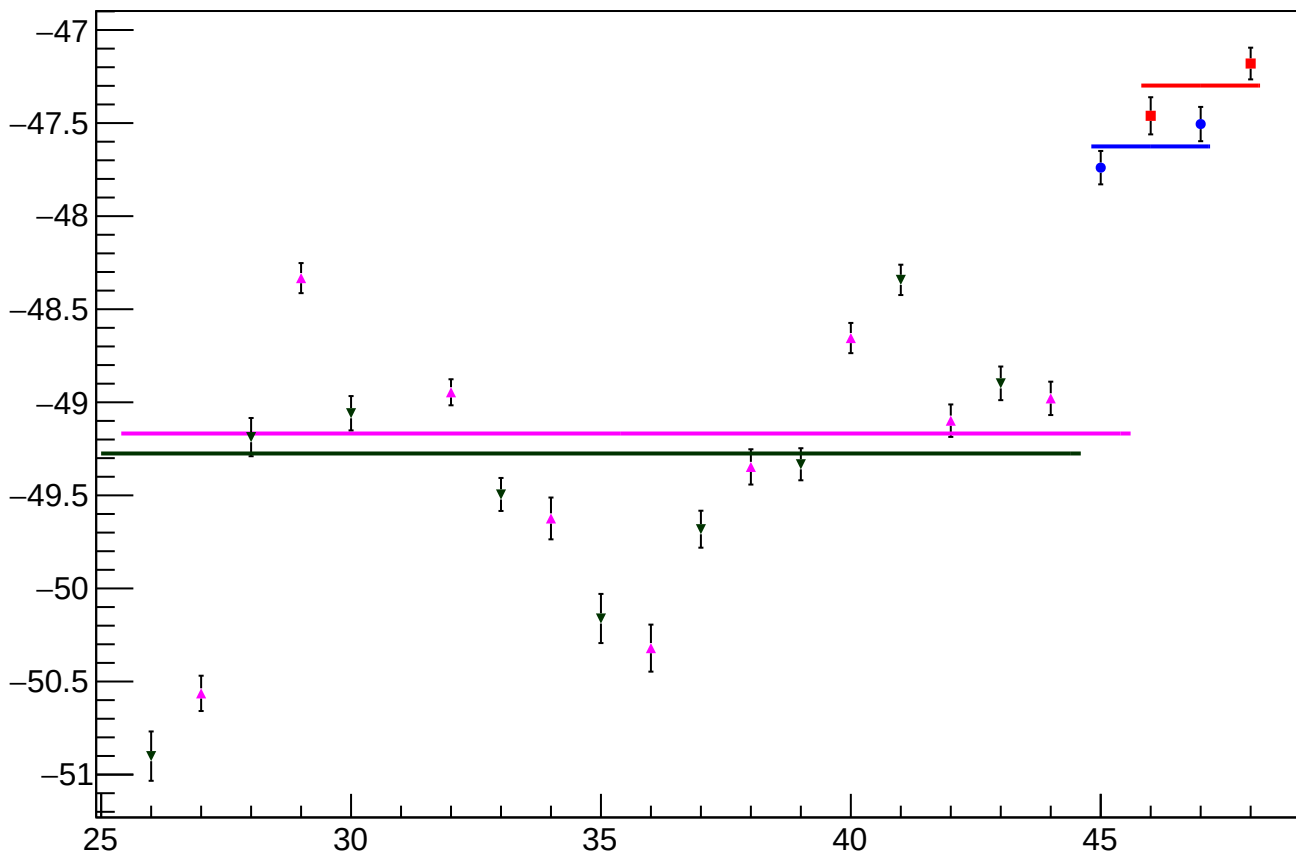
Right Out: -1.421 ± 0.304 $\chi^2/\text{NDF: } 0.9/1$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF: } 480.3/8$

-1.003 ± 0.129 $\chi^2/\text{NDF: } 305.8/10$

0.832 ± 0.117 $\chi^2/\text{NDF: } 545.5/10$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.625 ± 0.064 χ^2/NDF : 3.3/1

Left Out: -49.275 ± 0.032 χ^2/NDF : 373.5/8

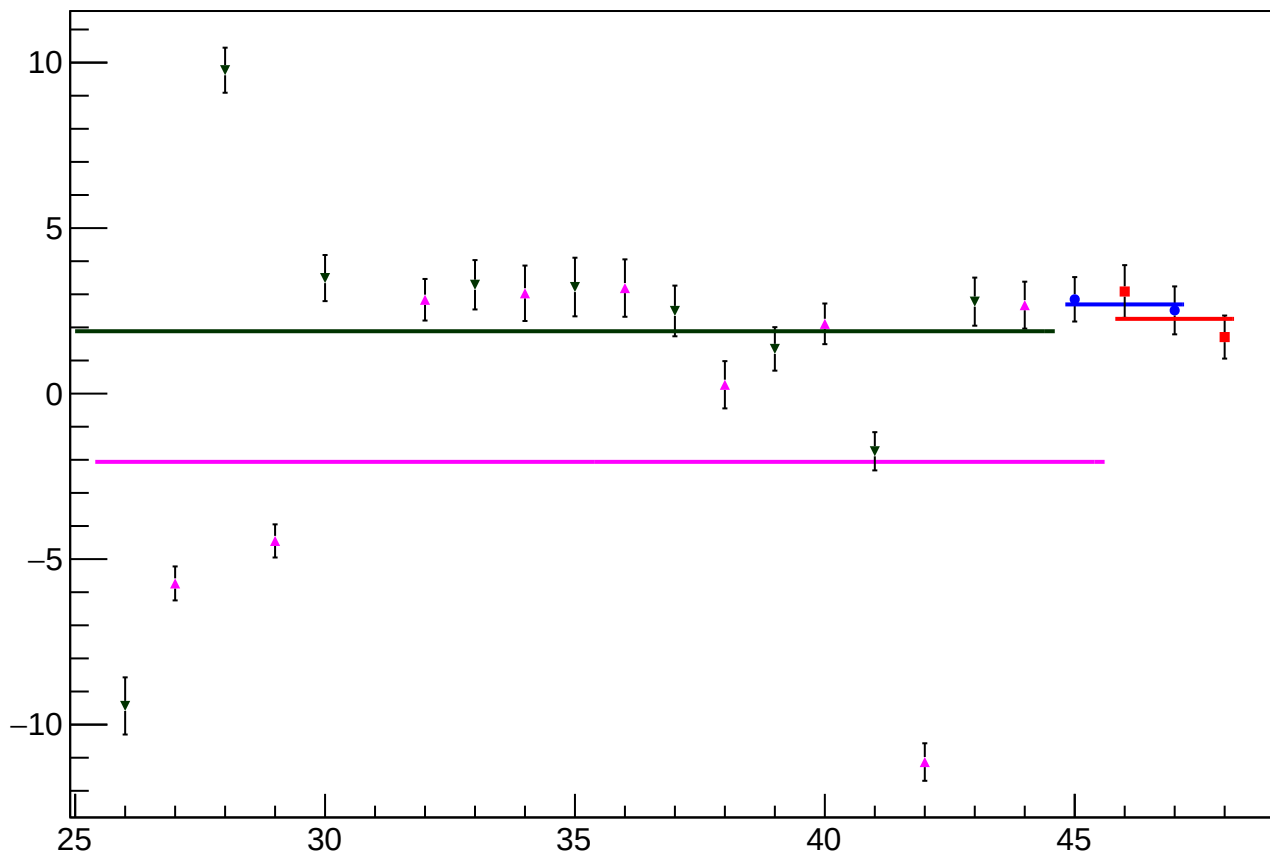
-48.943 ± 0.029 χ^2/NDF : 903.7/10

Right Out: -47.298 ± 0.065 χ^2/NDF : 4.6/1

-48.842 ± 0.027 χ^2/NDF : 1173.6/10

Left In: -49.168 ± 0.030 χ^2/NDF : 481.7/8

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

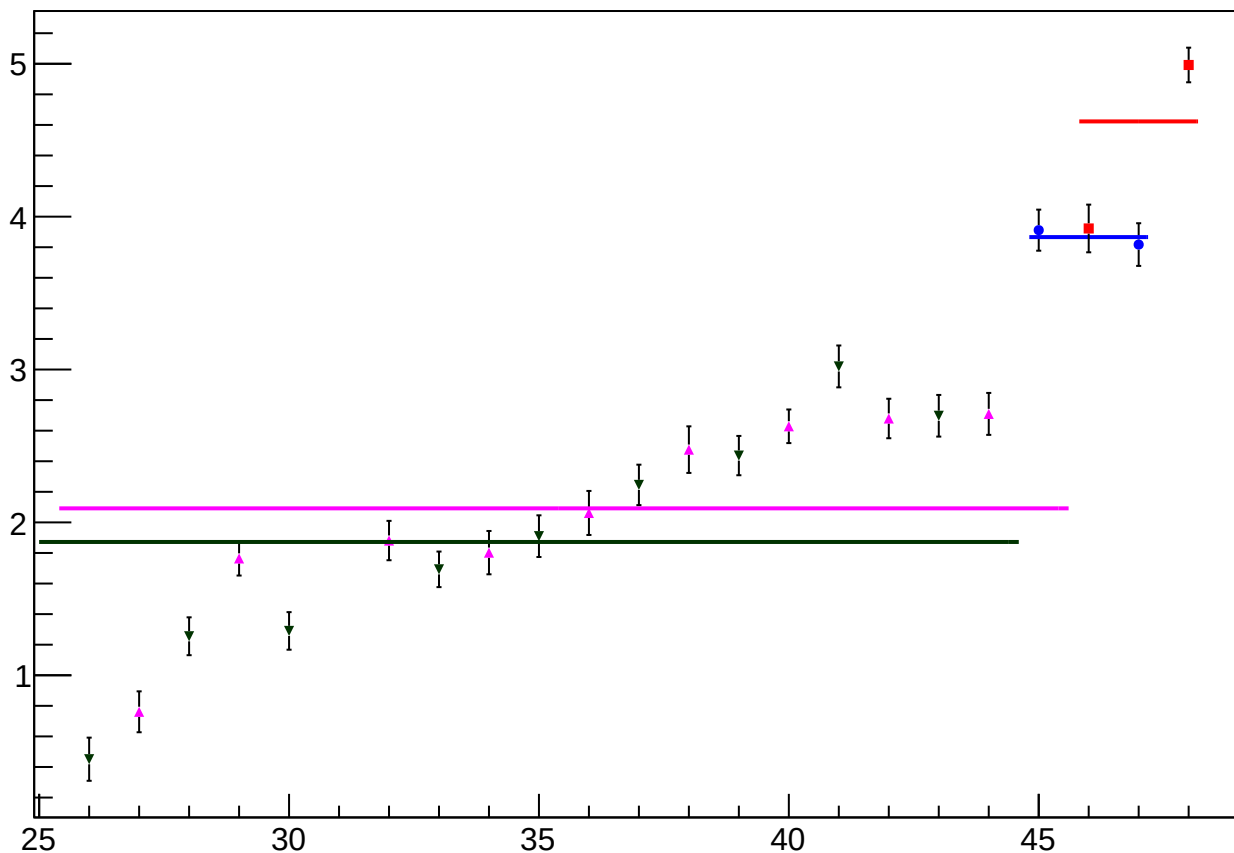
Right Out: 2.258 $\pm$ 0.504 χ^2 /NDF: 1.8/1

Left In: -2.062 $\pm$ 0.209 χ^2 /NDF:565.9/8

2.039 $\pm$ 0.215 χ^2 /NDF: 361.7/10

-1.425 $\pm$ 0.193 χ^2 /NDF: 630.3/10

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 3.866 ± 0.097 χ^2/NDF : 0.2/1

Left Out: 1.872 ± 0.043 χ^2/NDF : 285.3/8

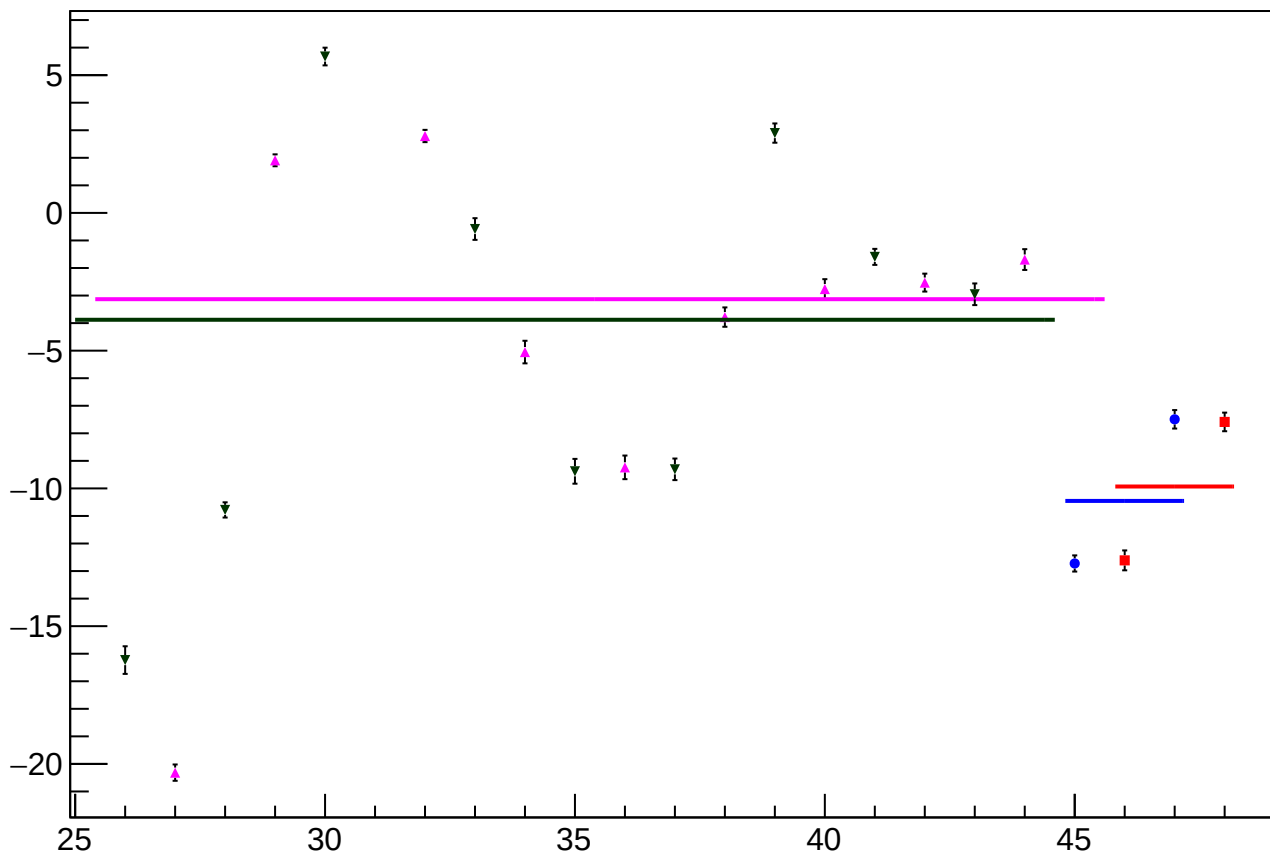
Right Out: 4.623 ± 0.092 χ^2/NDF : 30.8/1

Left In: 2.092 ± 0.043 χ^2/NDF : 185.6/8

2.204 ± 0.040 χ^2/NDF : 639.4/10

2.554 ± 0.039 χ^2/NDF : 840.0/10

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

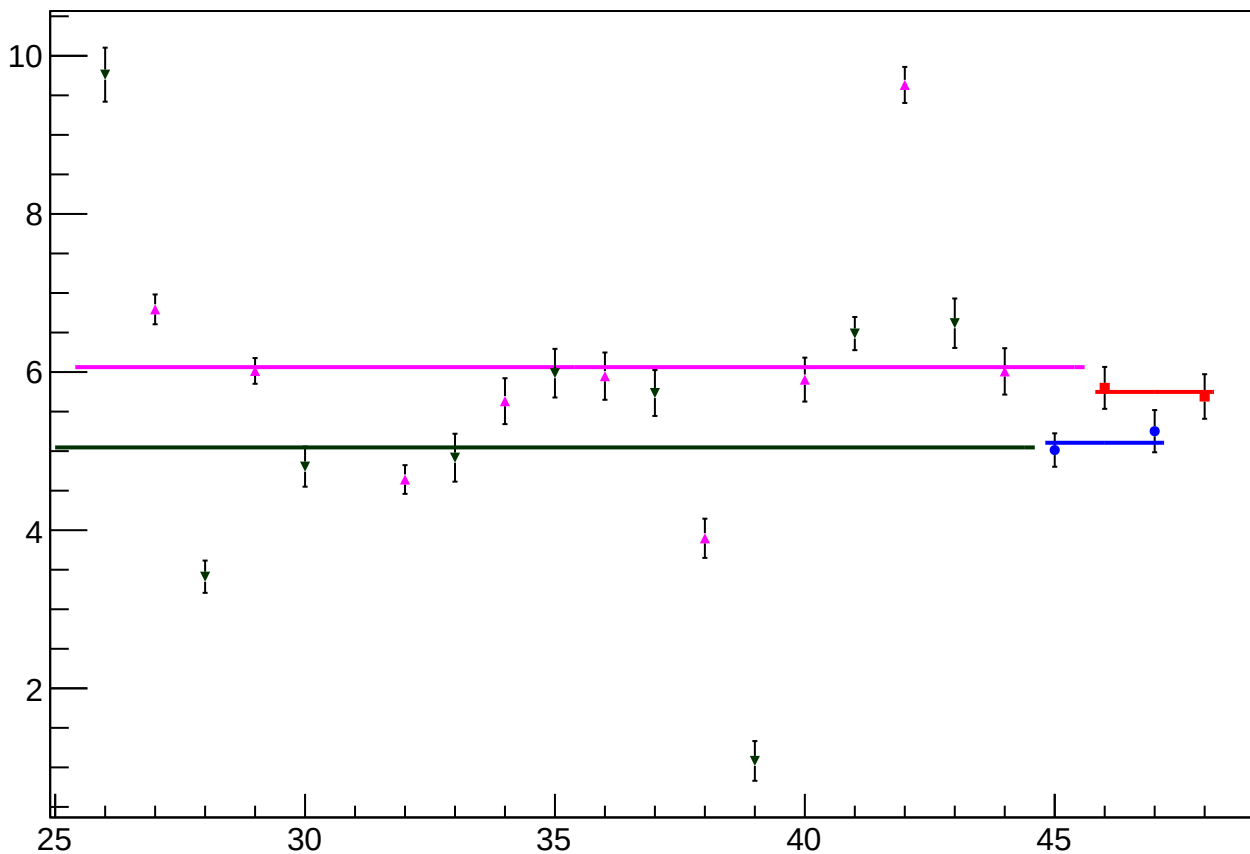
Right Out: -9.931±/0.247 χ^2/NDF : 103.2/1

Left In: -3.132±/0.102 χ^2/NDF : 4858.7/8

-5.349±/0.104 χ^2/NDF : 3794.7/10

-4.120±/0.094 χ^2/NDF : 5611.0/10

reg_asym_ds_avg_diff_bpm4aY_slope vs slug

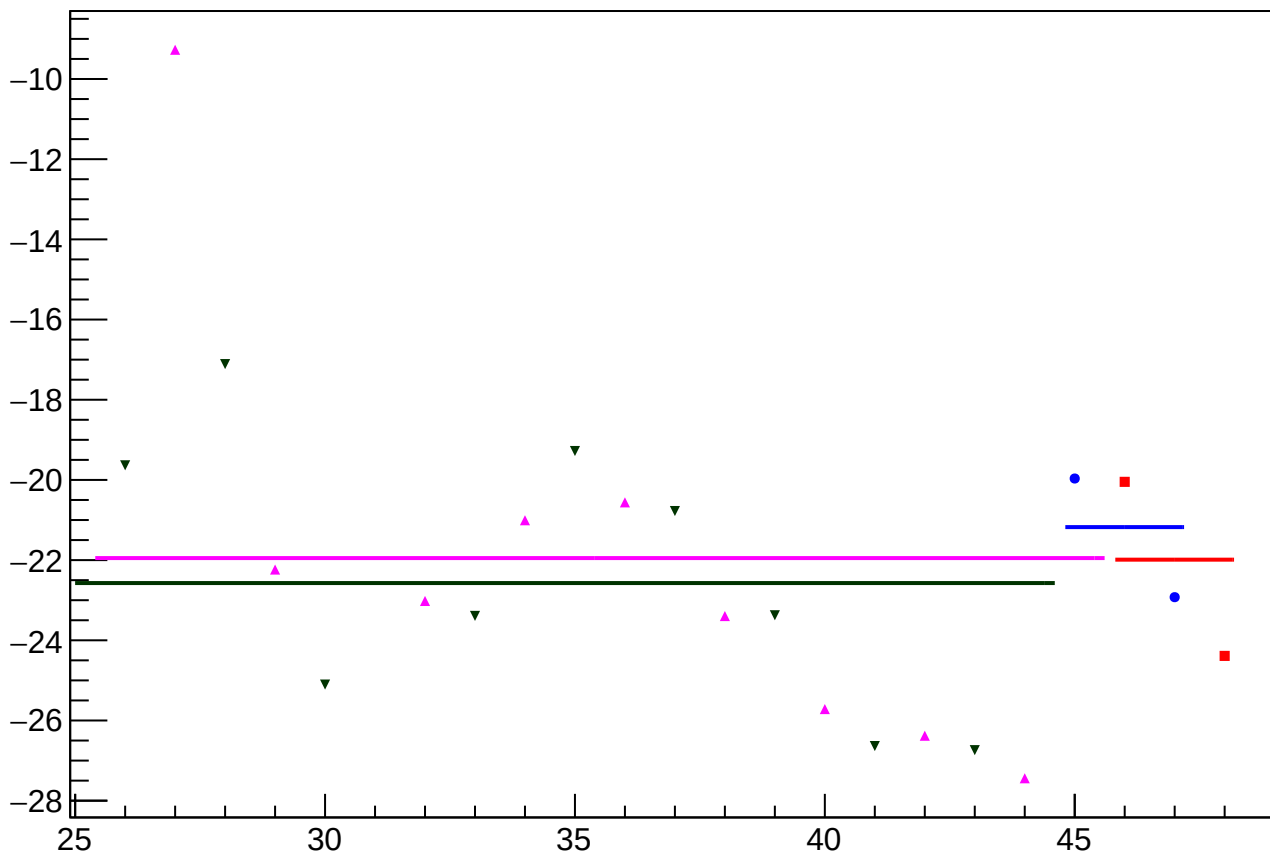


Right In: 5.106 ± 0.166 χ^2/NDF : 0.5/1
 Left Out: 5.047 ± 0.088 χ^2/NDF : 592.2/8
 Right Out: 5.749 ± 0.193 χ^2/NDF : 0.1/1
 Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.060 ± 0.077 χ^2/NDF : 592.8/10

6.022 ± 0.070 χ^2/NDF : 402.9/10

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -21.177+/-0.036 χ^2/NDF : 1631.0/1

Left Out: -22.572+/-0.020 χ^2/NDF : 29848.4/8

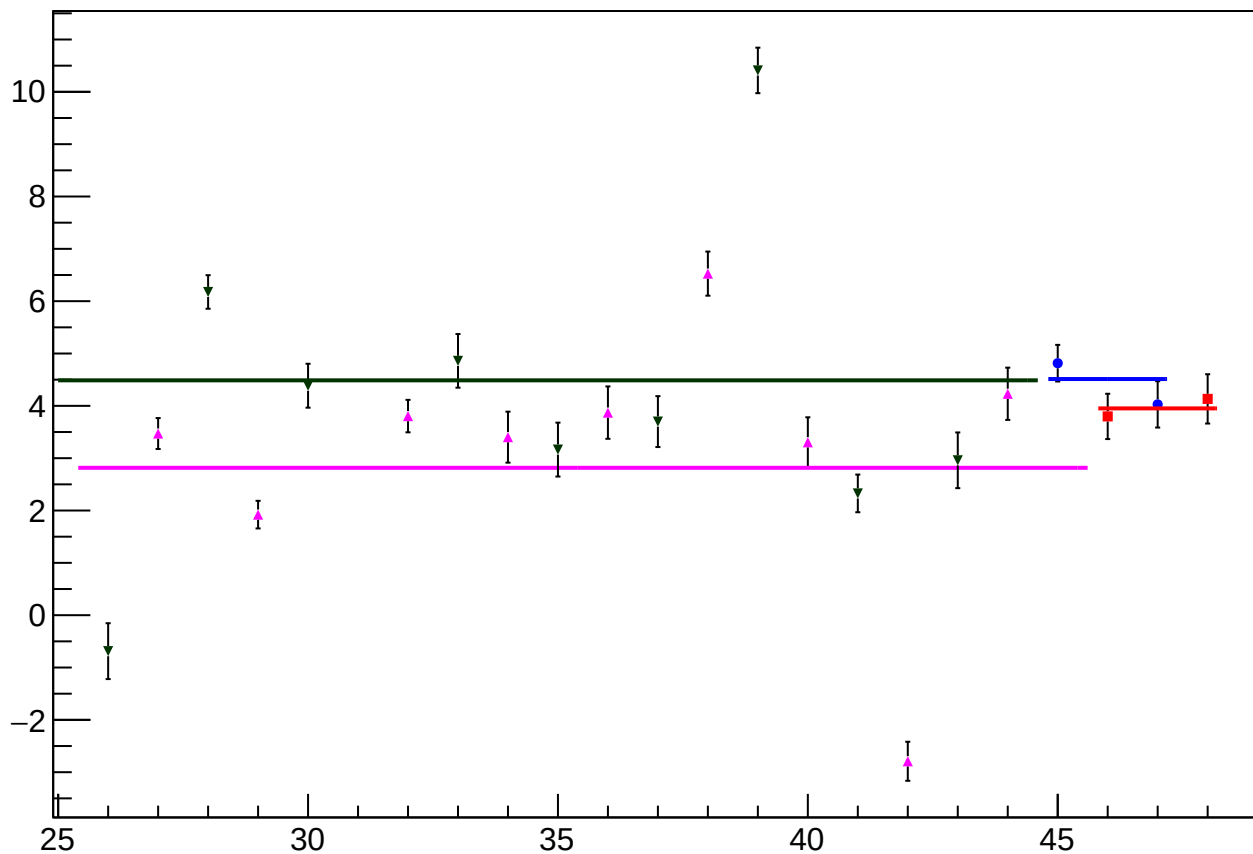
Right Out: -21.989+/-0.041 χ^2/NDF : 2821.9/1

Left In: -21.949+/-0.017 χ^2/NDF : 78862.5/8

-22.247+/-0.017 χ^2/NDF : 32629.7/10

-21.955+/-0.016 χ^2/NDF : 81685.2/10

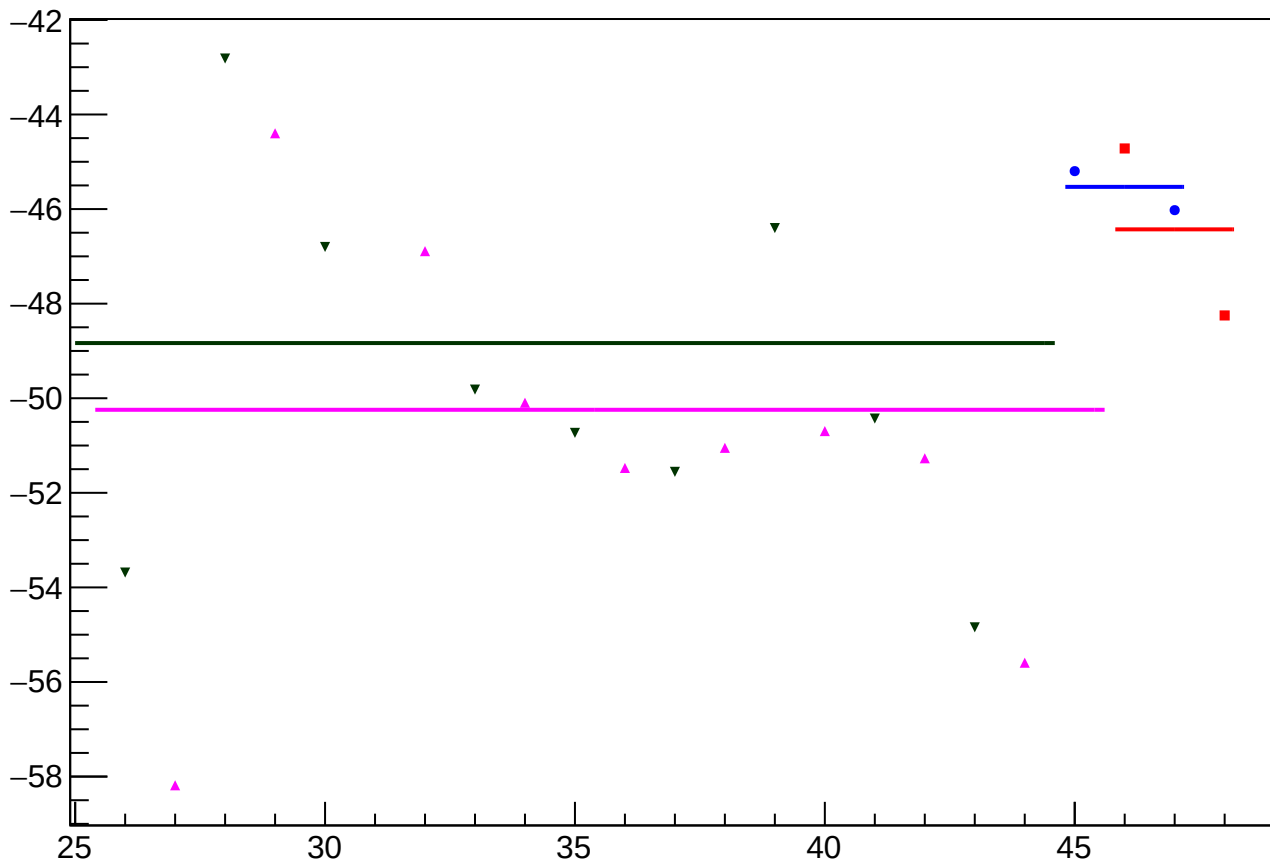
reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.512 $\pm$ 0.274 χ^2/NDF : 1.9/1
 Left Out: 4.488 $\pm$ 0.145 χ^2/NDF :361.4/8
 Right Out: 3.951 $\pm$ 0.319 χ^2/NDF : 0.3/1
 Left In: 2.816 $\pm$ 0.123 χ^2/NDF :345.0/8

4.493 $\pm$ 0.129 χ^2/NDF : 363.4/10
 2.964 $\pm$ 0.115 χ^2/NDF : 356.4/10

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -45.530 $\pm$ 0.054 χ^2 /NDF: 55.8/1

Left Out: -48.833 $\pm$ 0.027 χ^2 /NDF:20149.2/8

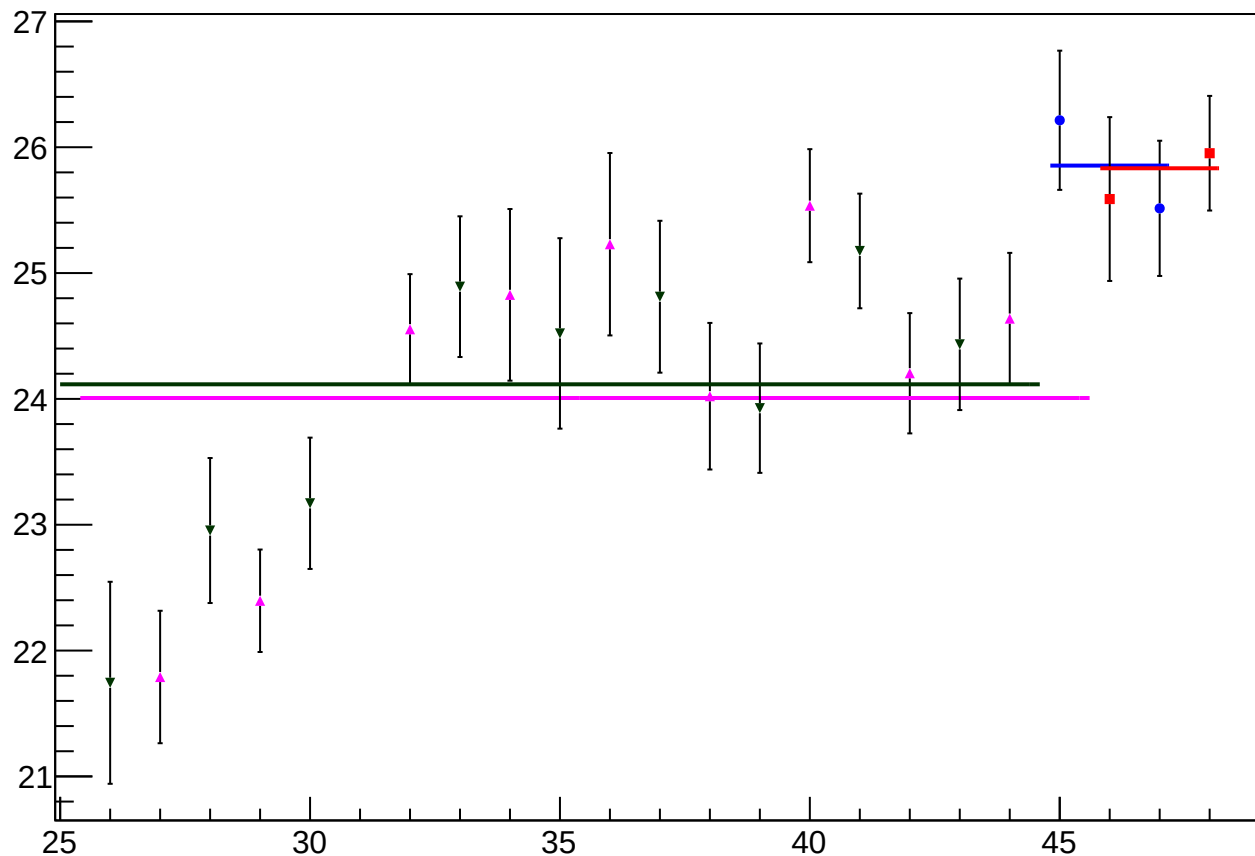
Right Out: -46.429 $\pm$ 0.061 χ^2 /NDF: 834.1/1

Left In: -50.244 $\pm$ 0.026 χ^2 /NDF:27249.9/8

-48.183 $\pm$ 0.024 χ^2 /NDF: 23187.1/10

-49.662 $\pm$ 0.024 χ^2 /NDF: 31387.8/10

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

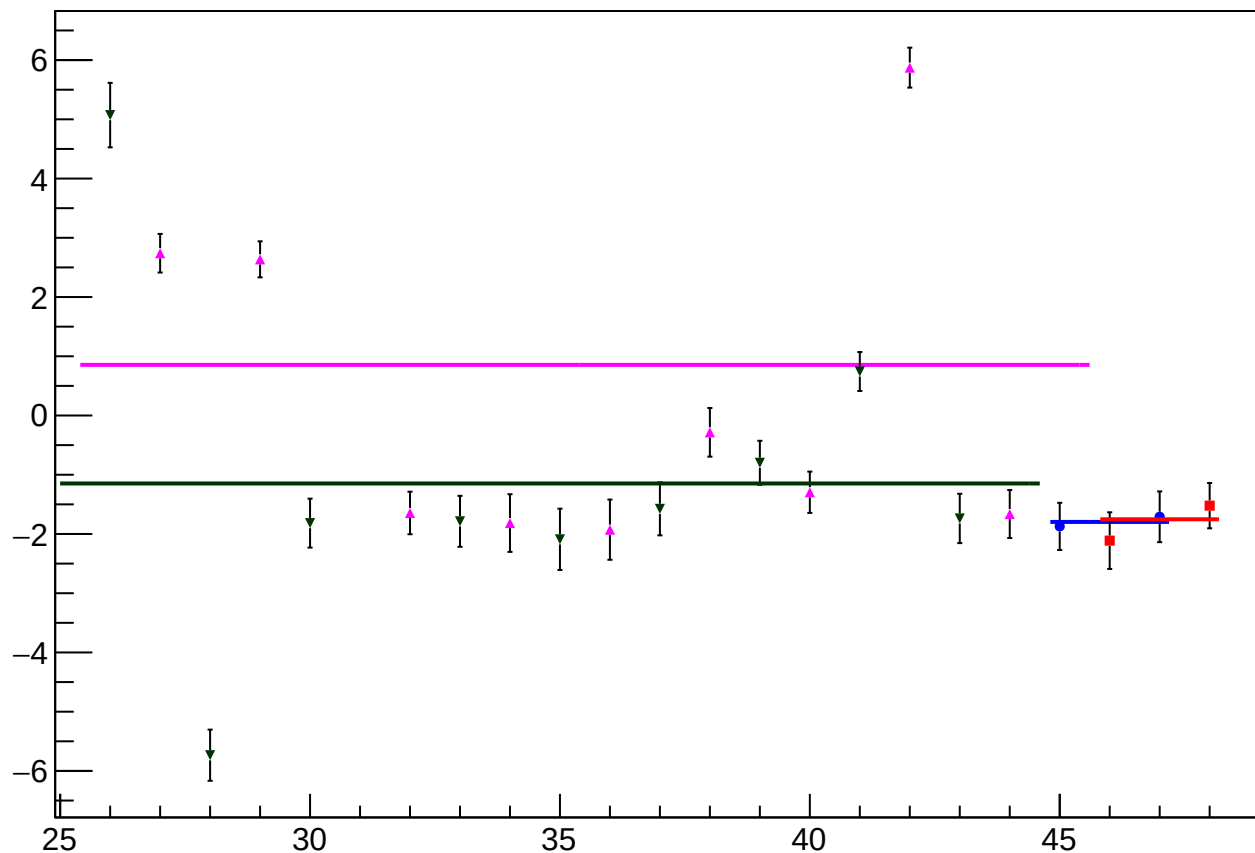
Right Out: 25.833 $\pm$ 0.373 χ^2 /NDF: 0.2/1

Left In: 24.007 $\pm$ 0.169 χ^2 /NDF: 52.5/8

24.451 $\pm$ 0.169 χ^2 /NDF: 42.8/10

24.319 $\pm$ 0.154 χ^2 /NDF: 72.5/10

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.797 ± 0.292 χ^2/NDF : 0.1/1

Left Out: -1.148 ± 0.140 χ^2/NDF : 288.4/8

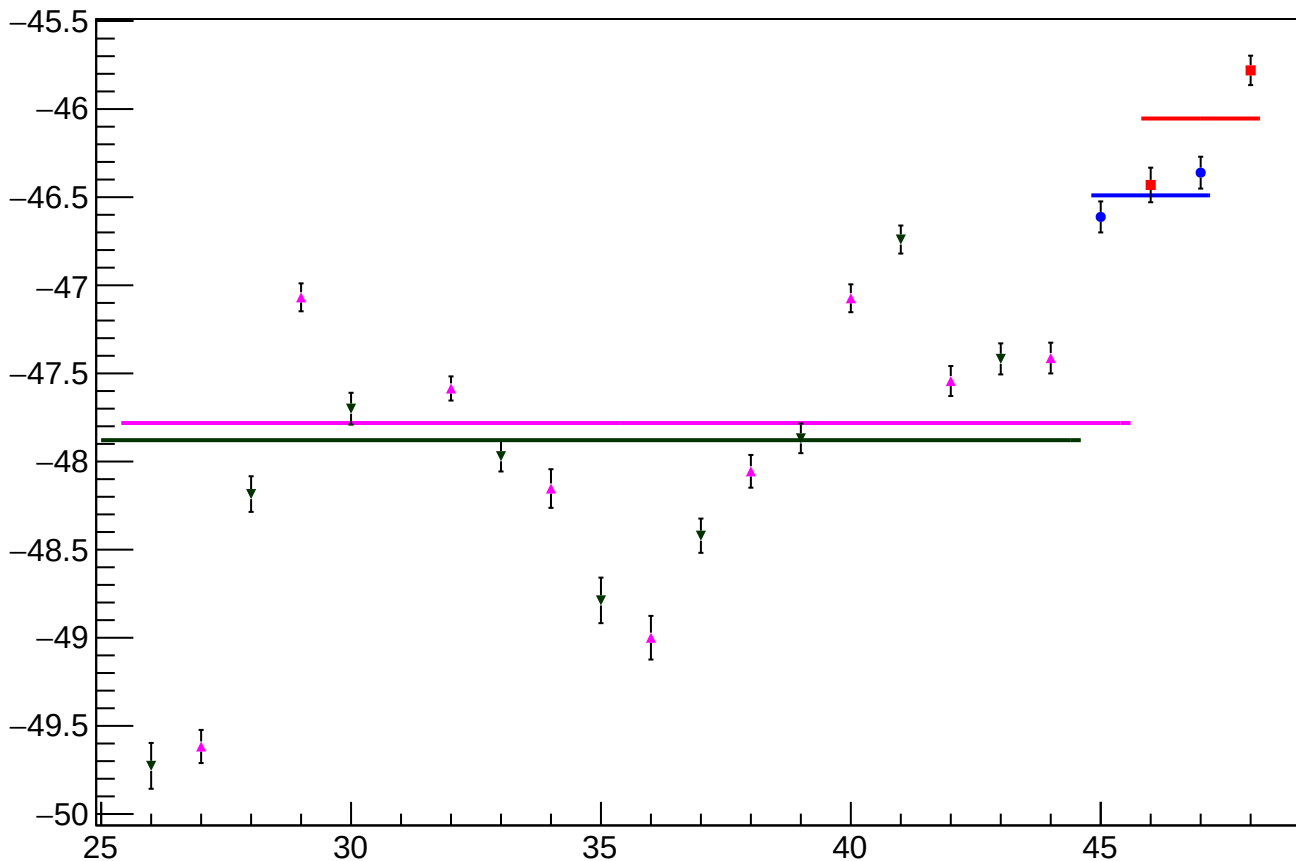
Right Out: -1.752 ± 0.299 χ^2/NDF : 0.9/1

Left In: 0.855 ± 0.124 χ^2/NDF : 482.1/8

-1.269 ± 0.126 χ^2/NDF : 292.5/10

0.472 ± 0.114 χ^2/NDF : 548.0/10

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -46.490 $\pm$ 0.063 χ^2 /NDF: 4.0/1

Left Out: -47.879 $\pm$ 0.032 χ^2 /NDF: 529.0/8

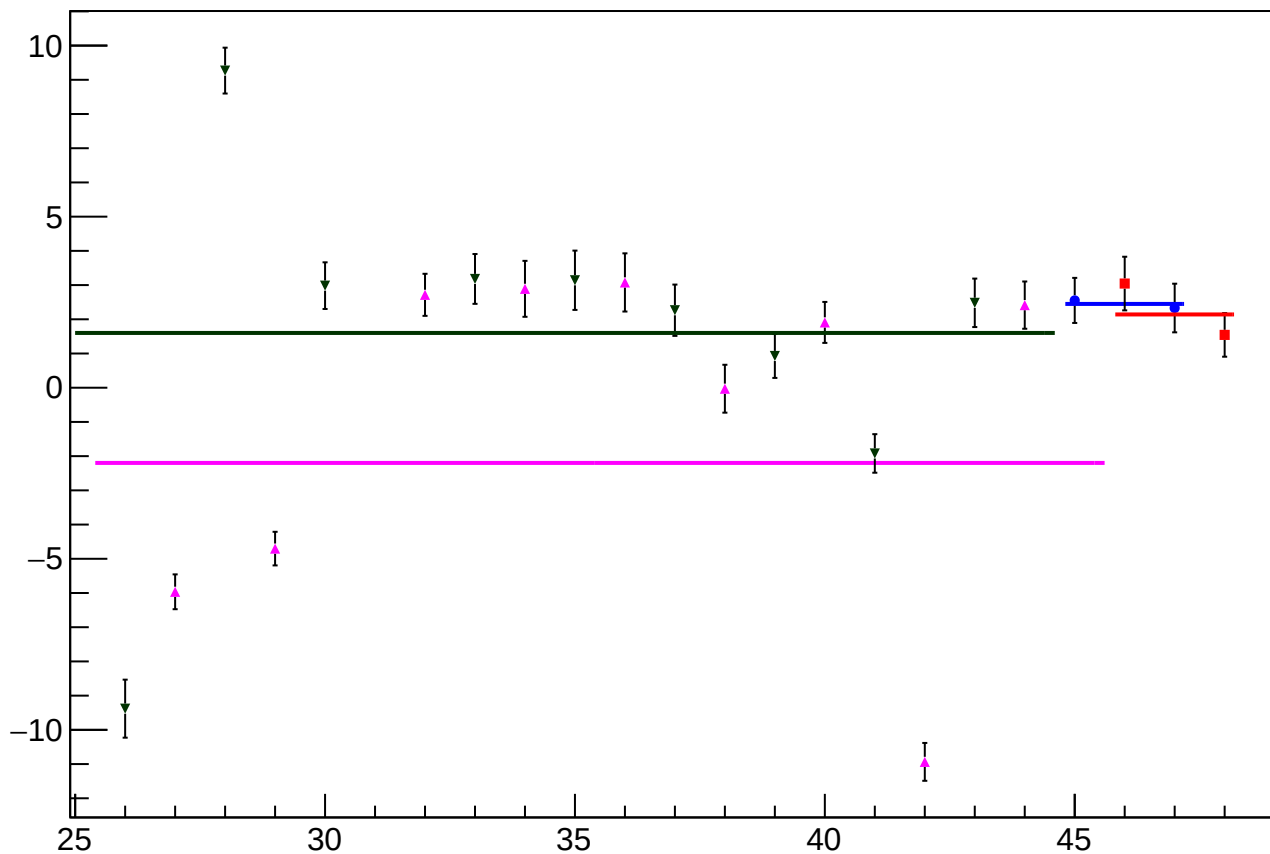
Right Out: -46.054 $\pm$ 0.064 χ^2 /NDF: 25.5/1

Left In: -47.781 $\pm$ 0.029 χ^2 /NDF: 692.9/8

-47.601 $\pm$ 0.028 χ^2 /NDF: 921.3/10

-47.482 $\pm$ 0.026 χ^2 /NDF: 1328.6/10

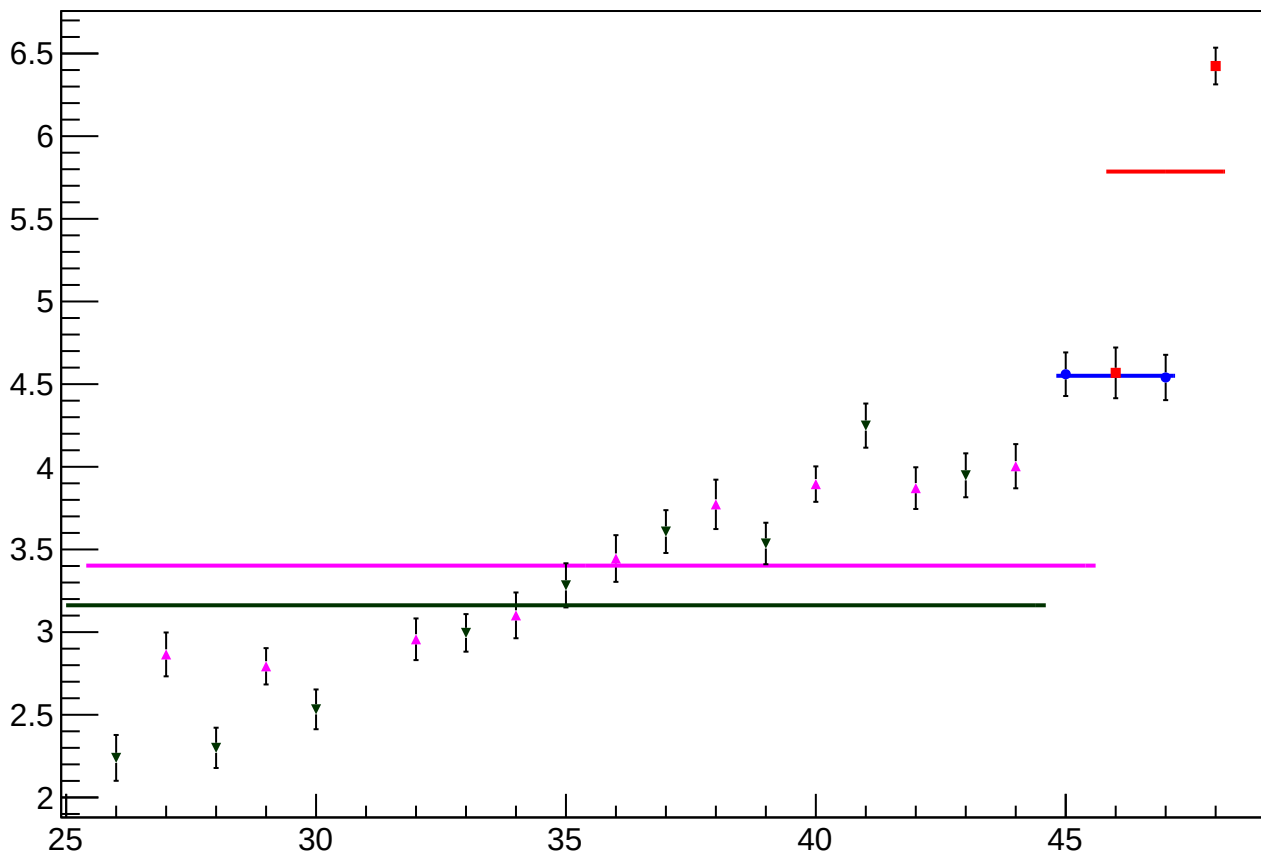
reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 2.449 $\pm$ 0.483 χ^2/NDF : 0.1/1
 Left Out: 1.601 $\pm$ 0.233 χ^2/NDF :353.2/8
 Right Out: 2.142 $\pm$ 0.494 χ^2/NDF : 2.2/1
 Left In: -2.198 $\pm$ 0.205 χ^2/NDF :572.6/8

1.762 $\pm$ 0.210 χ^2/NDF : 355.7/10
 -1.560 $\pm$ 0.190 χ^2/NDF : 640.5/10

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

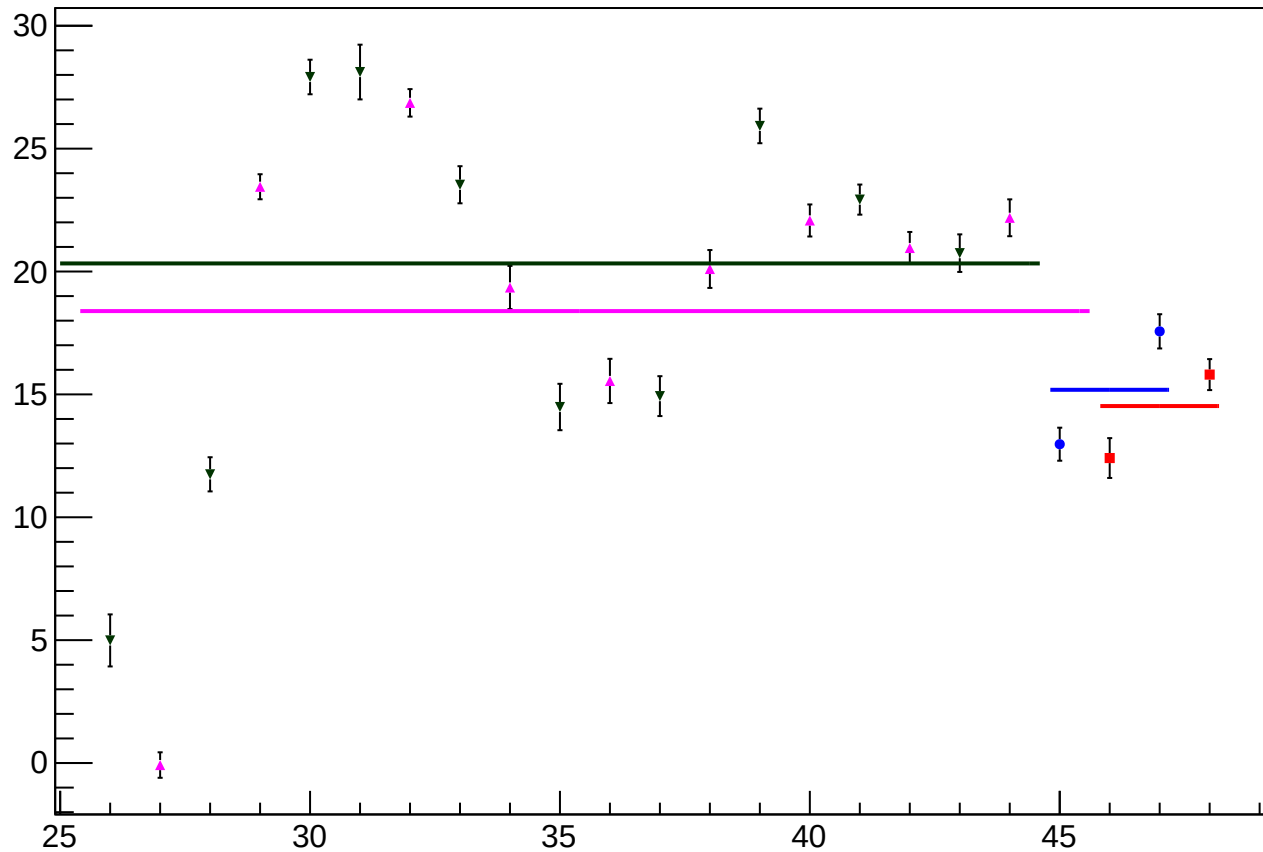
Right Out: 5.786 $\pm$ 0.090 χ^2/NDF : 96.1/1

Left In: 3.402 $\pm$ 0.042 χ^2/NDF : 125.8/8

3.392 $\pm$ 0.039 χ^2/NDF : 425.0/10

3.836 $\pm$ 0.038 χ^2/NDF : 796.6/10

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

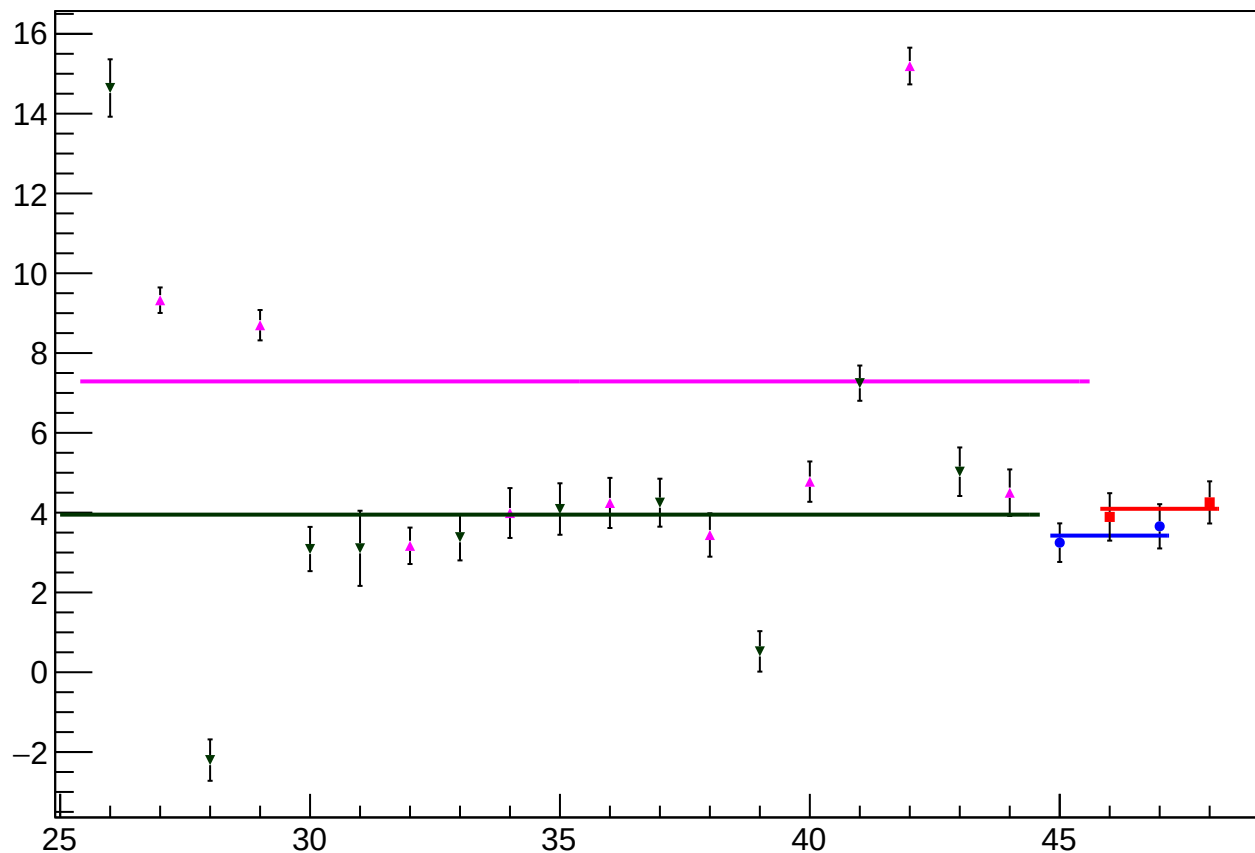
Right Out: 14.525 $\pm$ 0.498 χ^2/NDF : 10.9/1

Left In: 18.390 $\pm$ 0.216 χ^2/NDF : 1685.1/8

19.275 $\pm$ 0.219 χ^2/NDF : 822.1/11

17.778 $\pm$ 0.198 χ^2/NDF : 1746.8/10

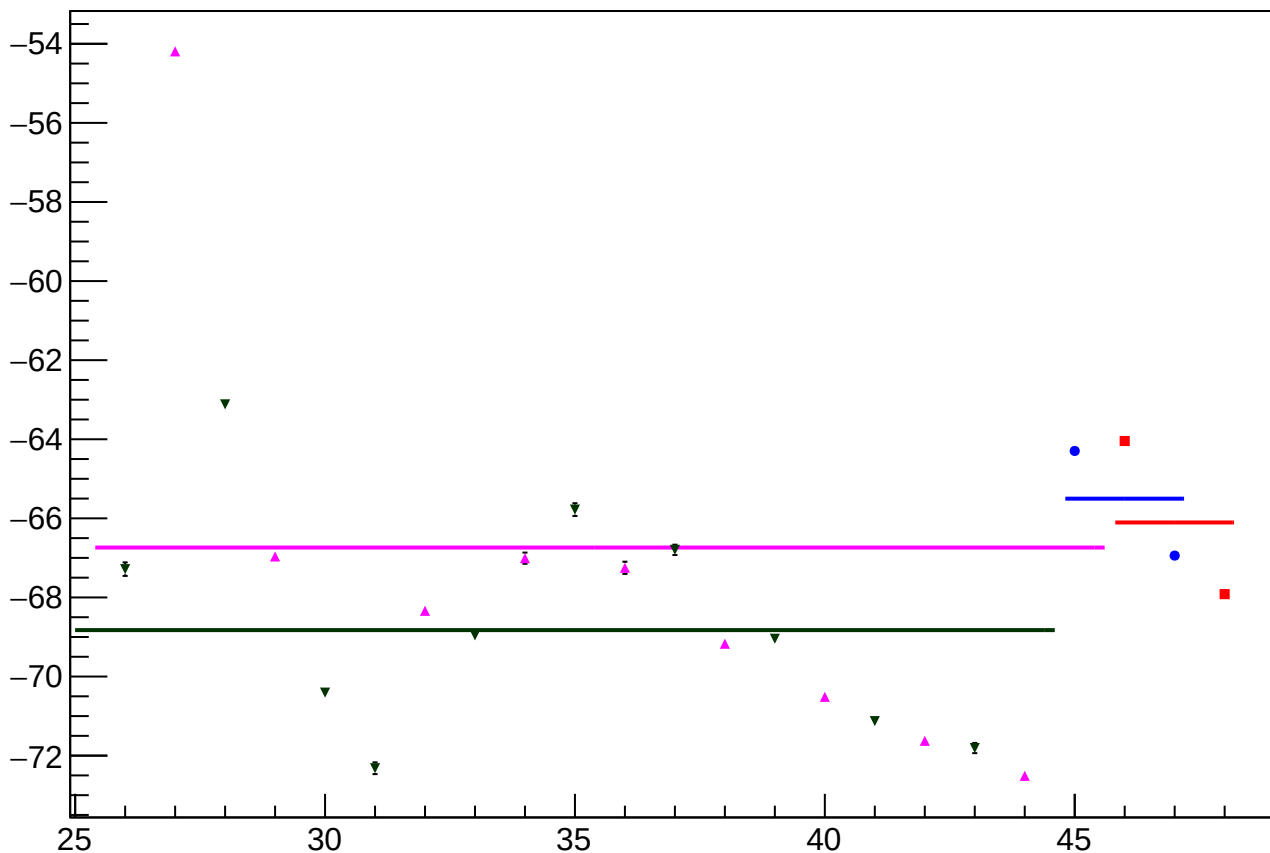
reg_asym_left_avg_diff_bpm4aY_slope vs slug



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: 4.096 ± 0.395 χ^2/NDF : 0.2/1
 Left In: 7.289 ± 0.155 χ^2/NDF : 579.9/8

3.844 ± 0.164 χ^2/NDF : 472.4/11
 6.862 ± 0.144 χ^2/NDF : 636.8/10

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -65.502 $\pm$ 0.079 χ^2 /NDF: 278.0/1

Left Out: -68.826 $\pm$ 0.041 χ^2 /NDF: 4587.0/9

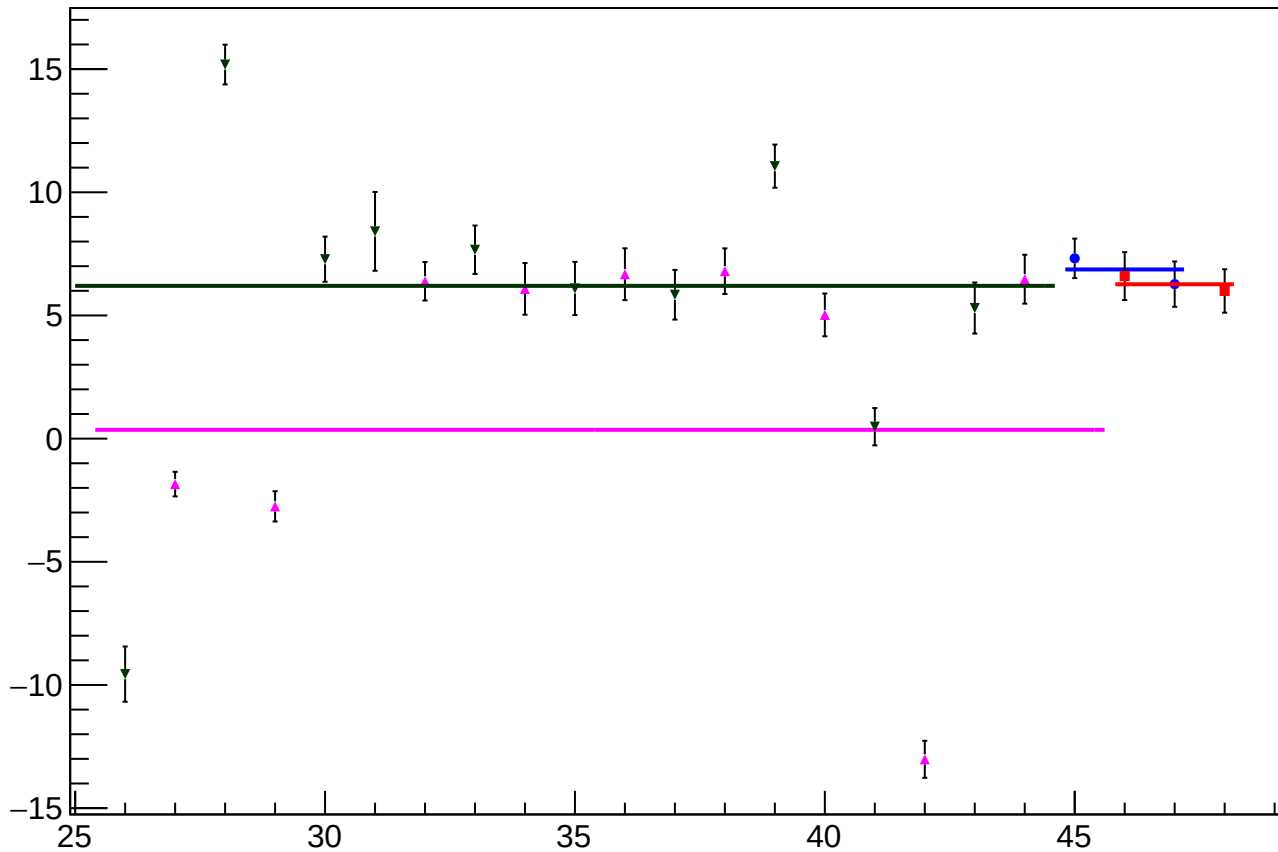
Right Out: -66.104 $\pm$ 0.084 χ^2 /NDF: 532.1/1

Left In: -66.738 $\pm$ 0.037 χ^2 /NDF: 23839.7/8

-68.132 $\pm$ 0.036 χ^2 /NDF: 6263.9/11

-66.633 $\pm$ 0.034 χ^2 /NDF: 24419.5/10

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

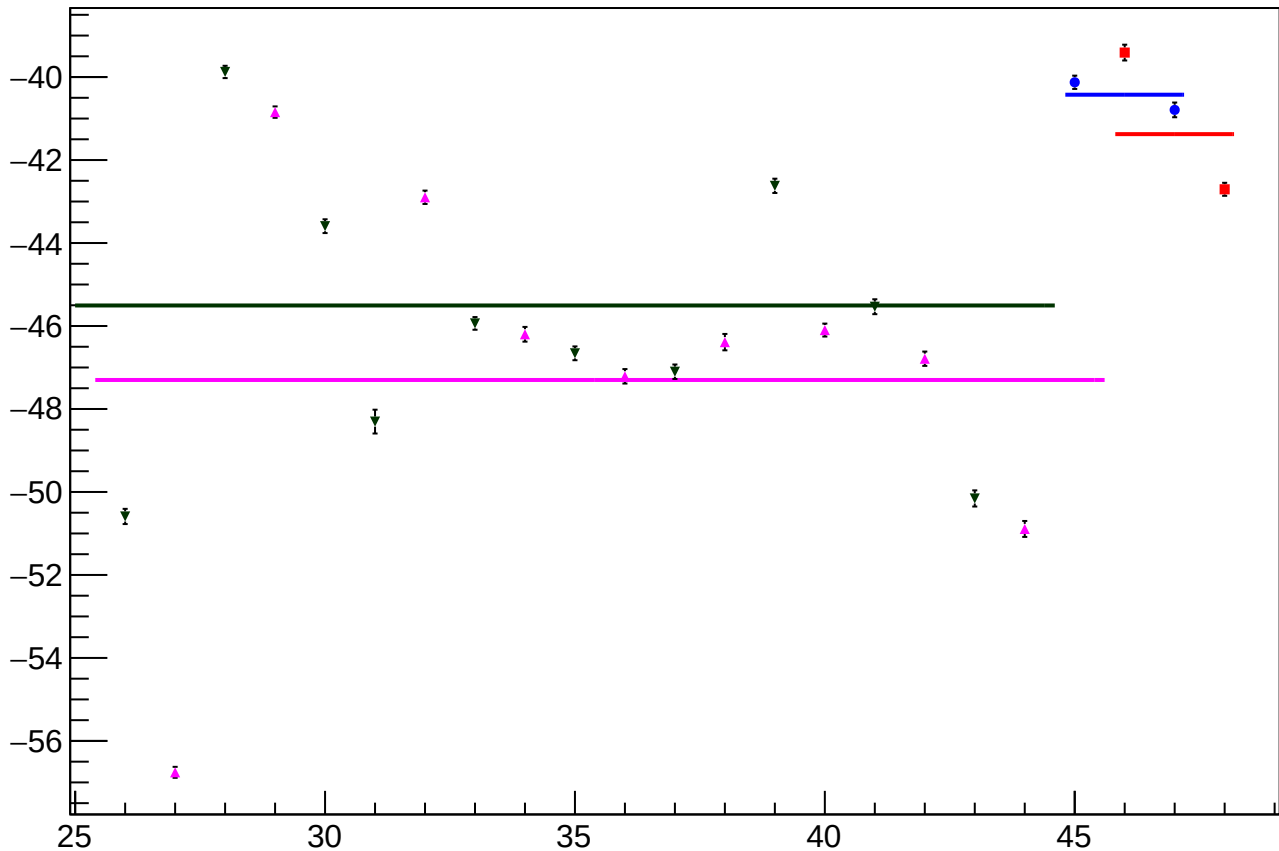
Right Out: 6.266 $\pm$ 0.653 χ^2/NDF : 0.2/1

Left In: 0.357 $\pm$ 0.255 χ^2/NDF : 602.5/8

6.337 $\pm$ 0.272 χ^2/NDF : 417.1/11

1.138 $\pm$ 0.237 χ^2/NDF : 673.8/10

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -40.426+/-0.119 χ^2/NDF : 7.7/1

Left Out: -44.601+/-0.055 χ^2/NDF : 3423.9/9

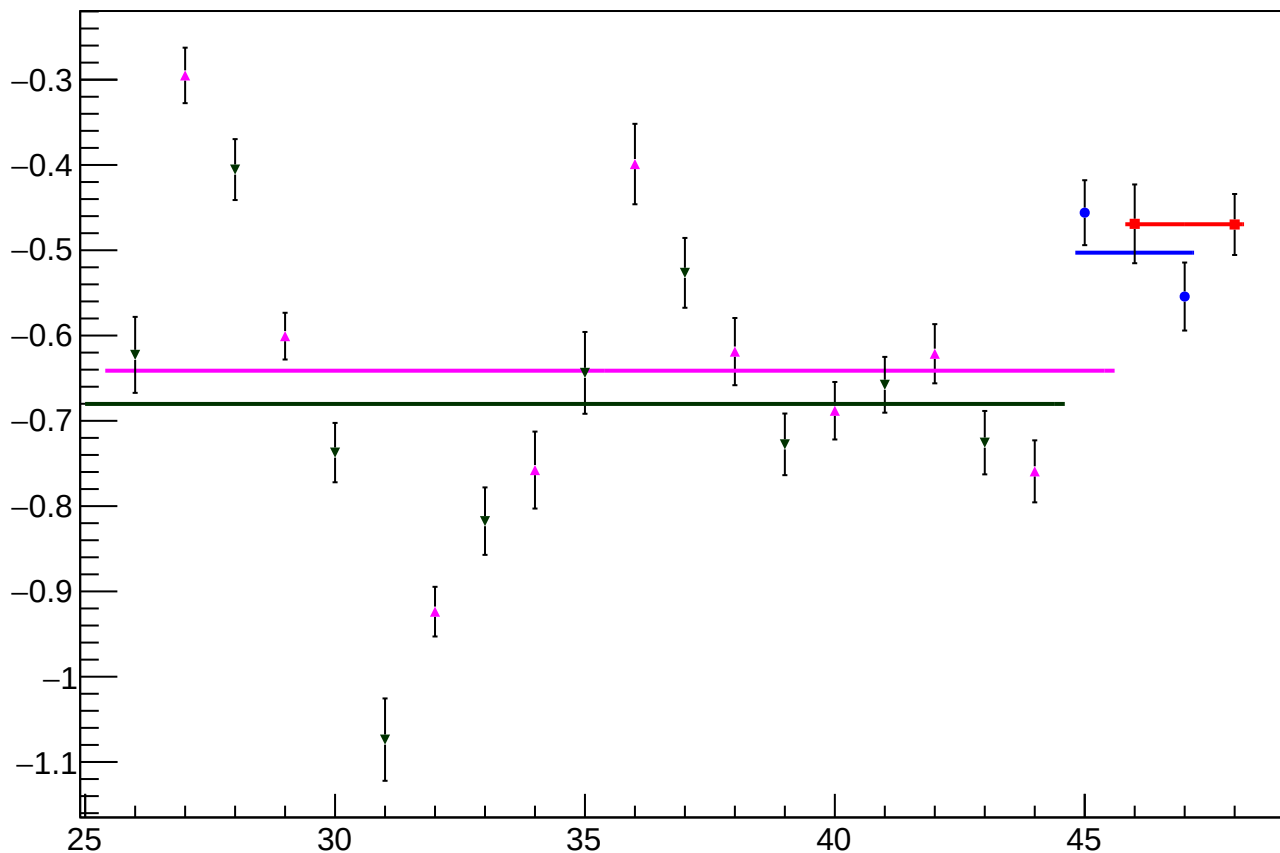
-44.601+/-0.050 χ^2/NDF : 4930.1/11

Right Out: -41.376+/-0.121 χ^2/NDF : 178.1/1

-46.313+/-0.049 χ^2/NDF : 10724.4/10

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 $\pm$ 0.028 χ^2 /NDF: 3.2/1

Left Out: -0.680 $\pm$ 0.012 χ^2 /NDF:160.4/9

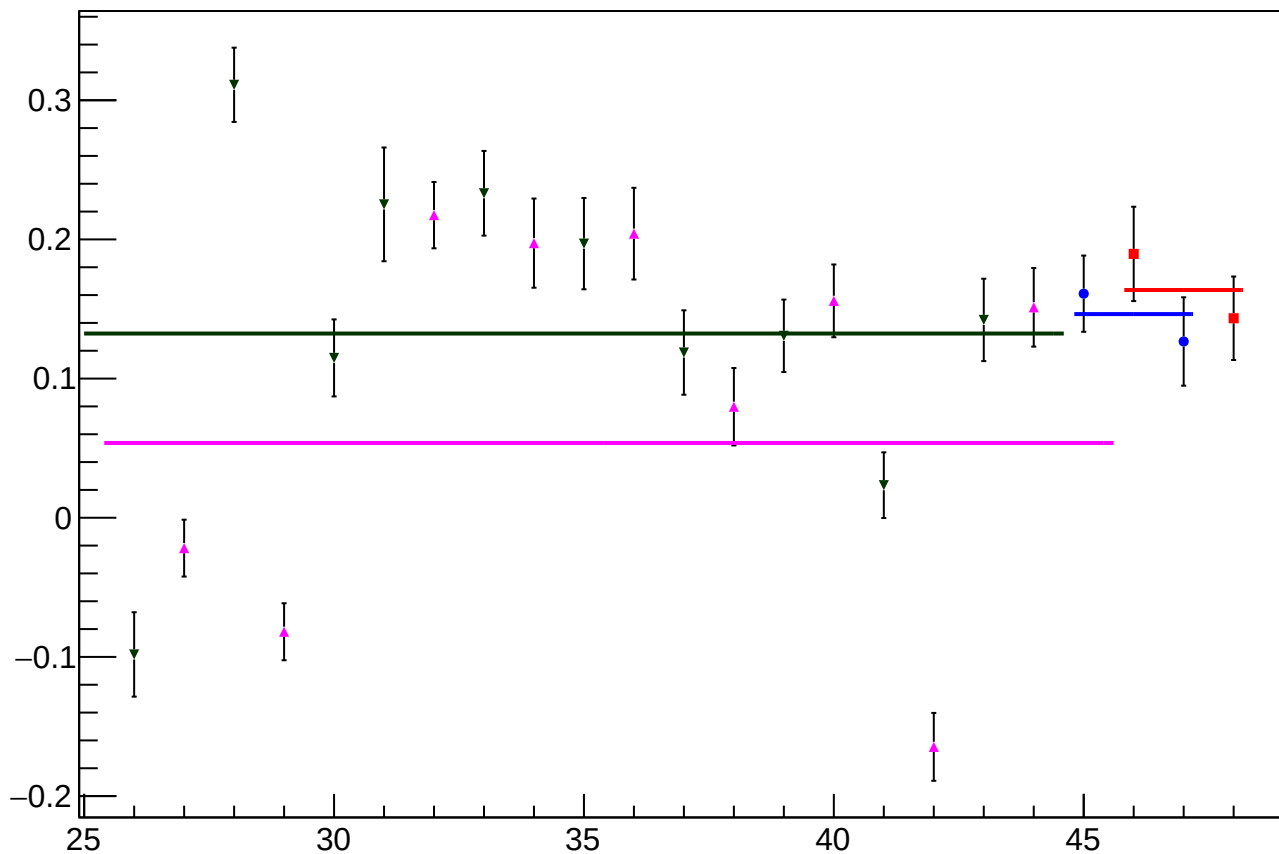
Right Out: -0.470 $\pm$ 0.028 χ^2 /NDF: 0.0/1

Left In: -0.641 $\pm$ 0.012 χ^2 /NDF:255.8/8

-0.651 $\pm$ 0.011 χ^2 /NDF: 198.2/11

-0.617 $\pm$ 0.011 χ^2 /NDF: 287.4/10

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.146 ± 0.021 χ^2/NDF : 0.7/1

Left Out: 0.132 ± 0.009 χ^2/NDF : 144.8/9

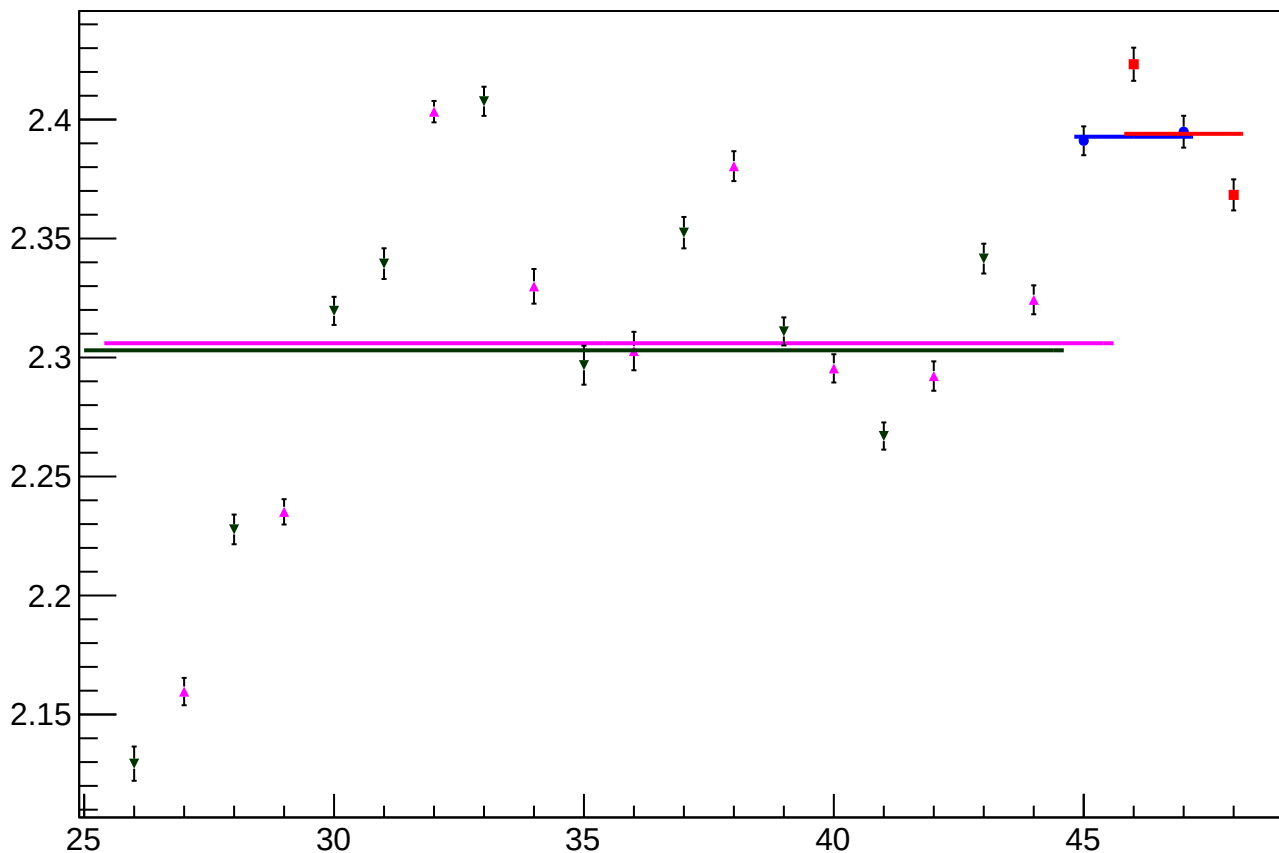
Right Out: 0.164 ± 0.022 χ^2/NDF : 1.0/1

Left In: 0.054 ± 0.008 χ^2/NDF : 253.9/8

0.135 ± 0.008 χ^2/NDF : 145.8/11

0.067 ± 0.008 χ^2/NDF : 275.9/10

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.393 $\pm$ 0.004 χ^2/NDF : 0.2/1

Left Out: 2.303 $\pm$ 0.002 χ^2/NDF : 1196.0/9

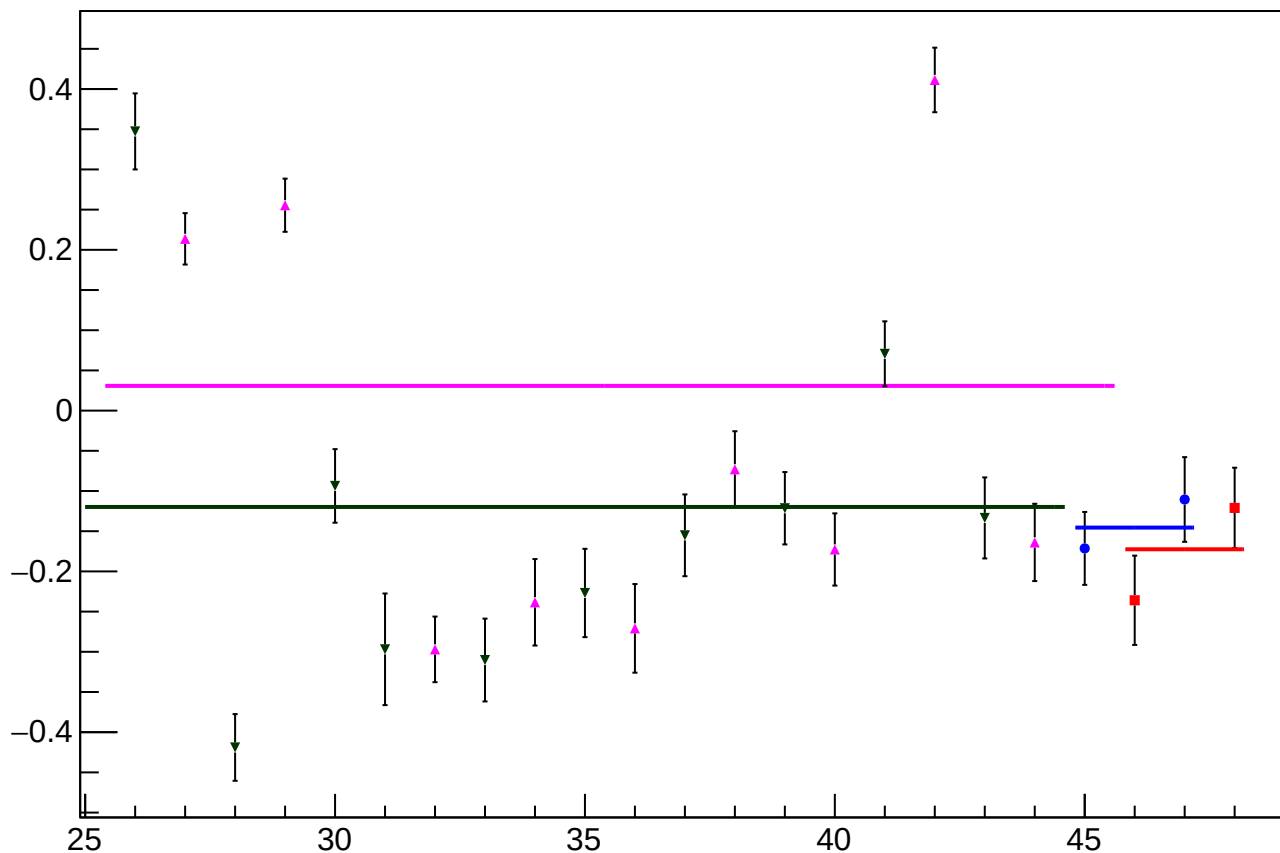
Right Out: 2.394 $\pm$ 0.005 χ^2/NDF : 33.1/1

Left In: 2.306 $\pm$ 0.002 χ^2/NDF : 1460.1/8

2.318 $\pm$ 0.002 χ^2/NDF : 1528.6/11

2.319 $\pm$ 0.002 χ^2/NDF : 1784.3/10

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.145 ± 0.034 χ^2/NDF : 0.8/1

Left Out: -0.120 ± 0.015 χ^2/NDF : 196.6/9

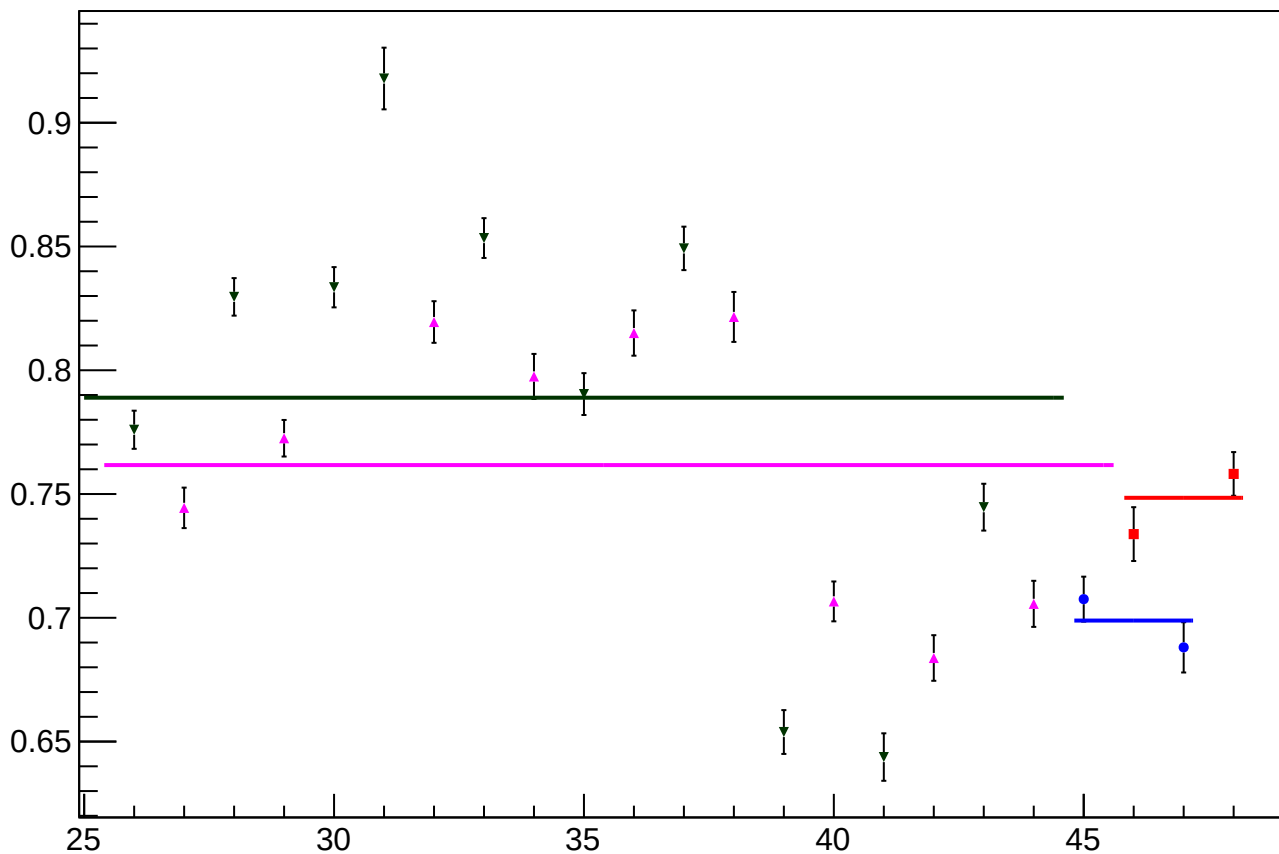
Right Out: -0.172 ± 0.037 χ^2/NDF : 2.4/1

Left In: 0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.124 ± 0.014 χ^2/NDF : 197.8/11

0.006 ± 0.013 χ^2/NDF : 358.7/10

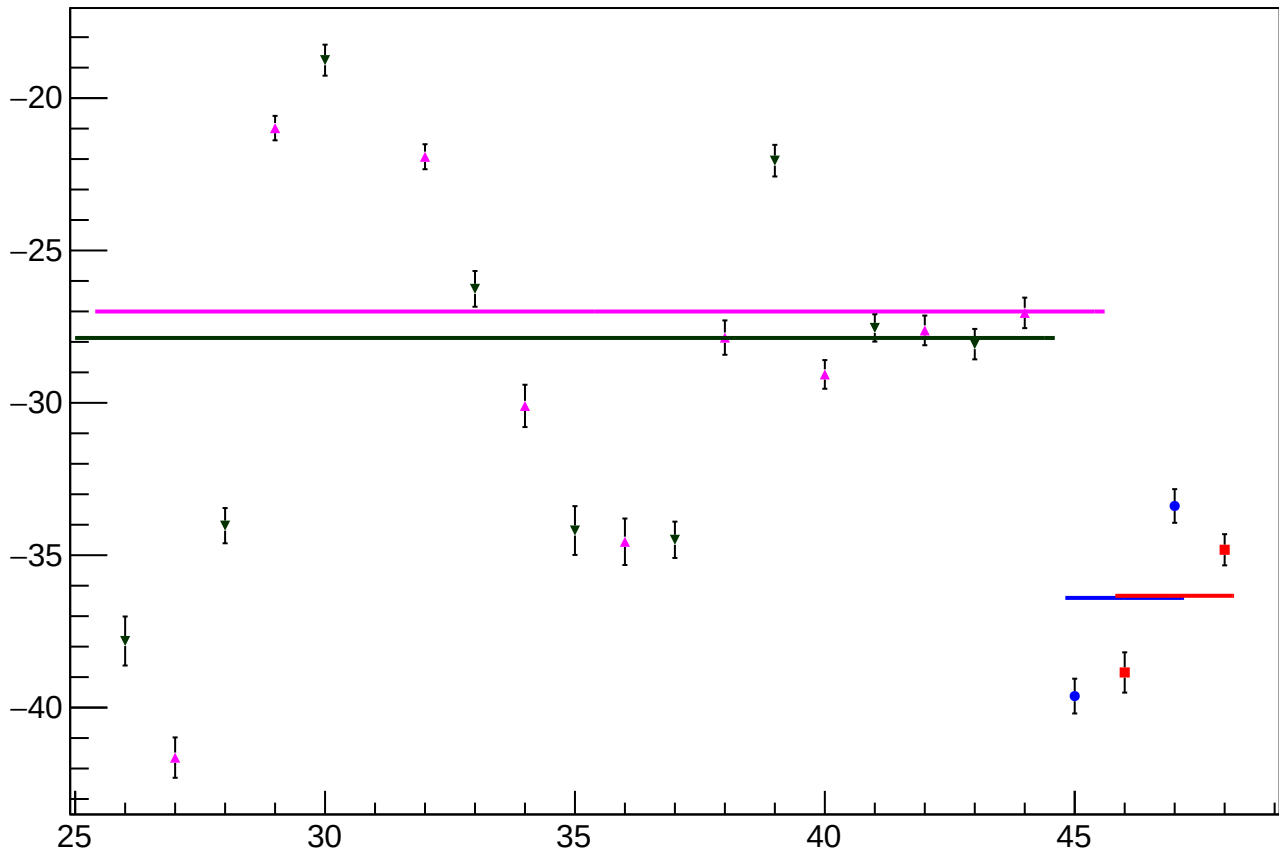
reg_asym_left_dd_diff_bpm11X_slope vs slug



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: 0.748 $\pm$ 0.007 χ^2/NDF : 3.0/1
 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 : 299.3/10

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

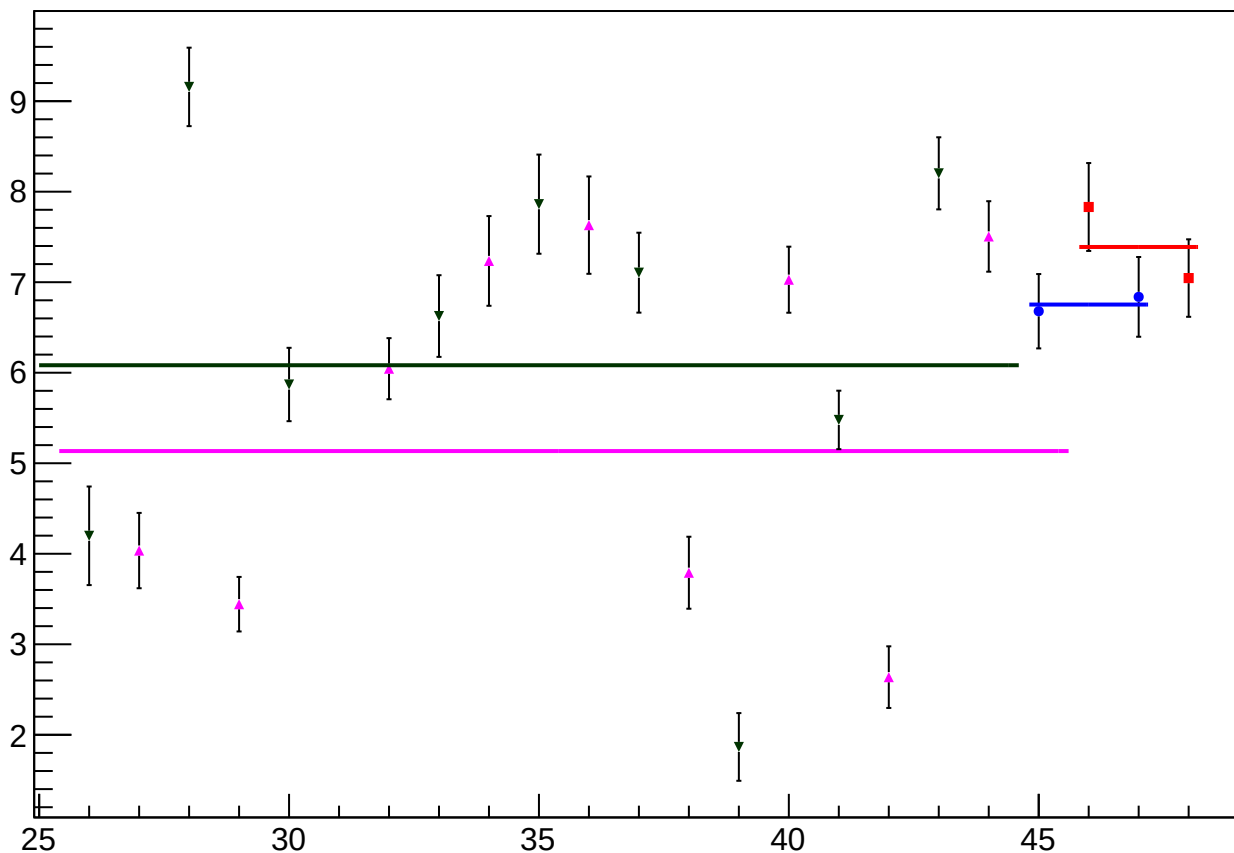
Right Out: -36.331 $\pm$ 0.405 χ^2 /NDF: 23.2/1

Left In: -27.003 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-29.429 $\pm$ 0.170 χ^2 /NDF: 1346.6/10

-28.420 $\pm$ 0.158 χ^2 /NDF: 1482.0/10

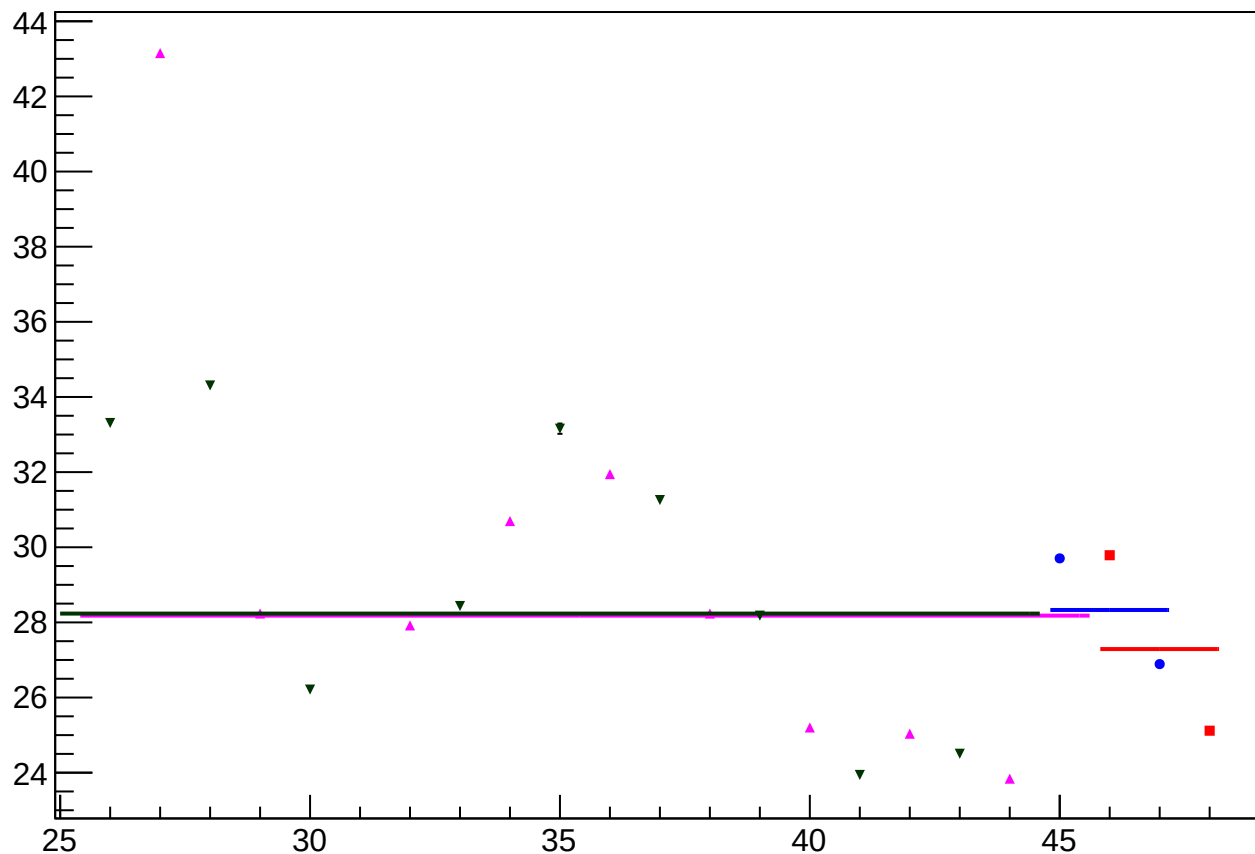
reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.753 ± 0.300 χ^2/NDF : 0.1/1
 Left Out: 6.083 ± 0.140 χ^2/NDF : 238.9/8
 Right Out: 7.389 ± 0.321 χ^2/NDF : 1.5/1
 Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

6.202 ± 0.127 χ^2/NDF : 243.1/10
 5.439 ± 0.118 χ^2/NDF : 258.6/10

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

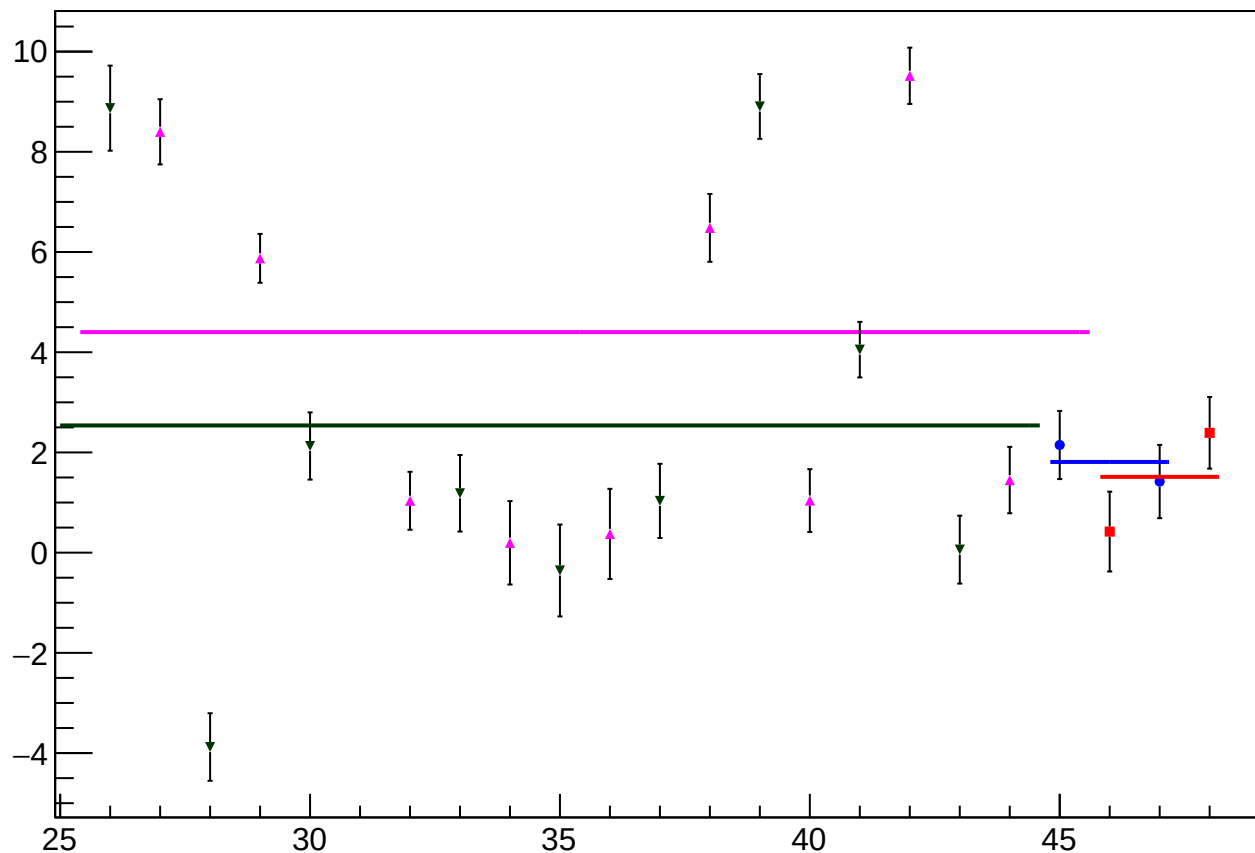
Right Out: 27.291+/-0.068 χ^2/NDF : 1180.5/1

Left In: 28.180+/-0.029 χ^2/NDF :23006.5/8

28.253+/-0.028 χ^2/NDF : 13459.9/10

28.040+/-0.027 χ^2/NDF : 24332.1/10

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 1.810 ± 0.498 $\chi^2/\text{NDF}: 0.5/1$

Left Out: 2.539 ± 0.233 $\chi^2/\text{NDF}: 281.6/8$

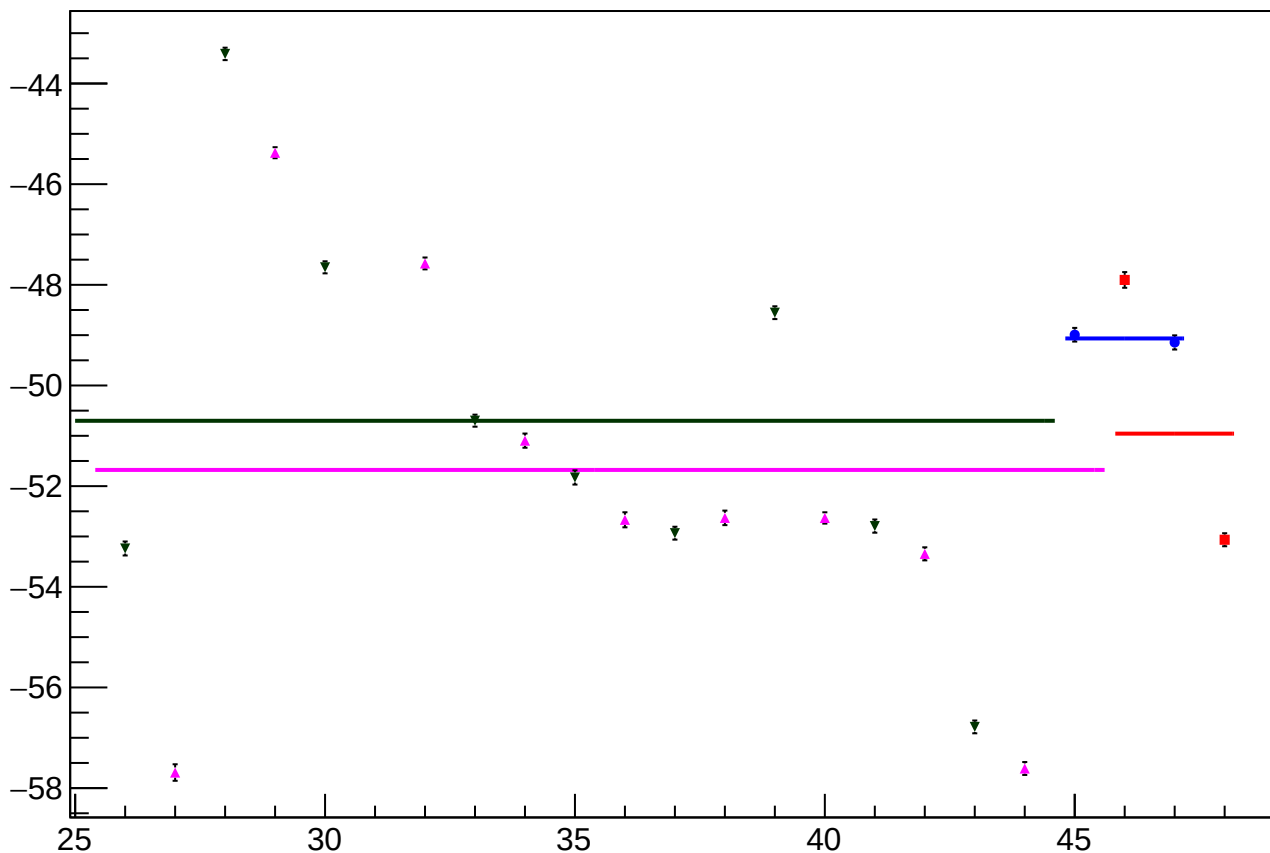
Right Out: 1.513 ± 0.532 $\chi^2/\text{NDF}: 3.4/1$

Left In: 4.402 ± 0.211 $\chi^2/\text{NDF}: 267.4/8$

2.407 ± 0.211 $\chi^2/\text{NDF}: 283.9/10$

4.008 ± 0.196 $\chi^2/\text{NDF}: 296.2/10$

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -49.065 ± 0.098 χ^2/NDF : 0.6/1

Left Out: -50.702 ± 0.043 χ^2/NDF : 7639.1/8

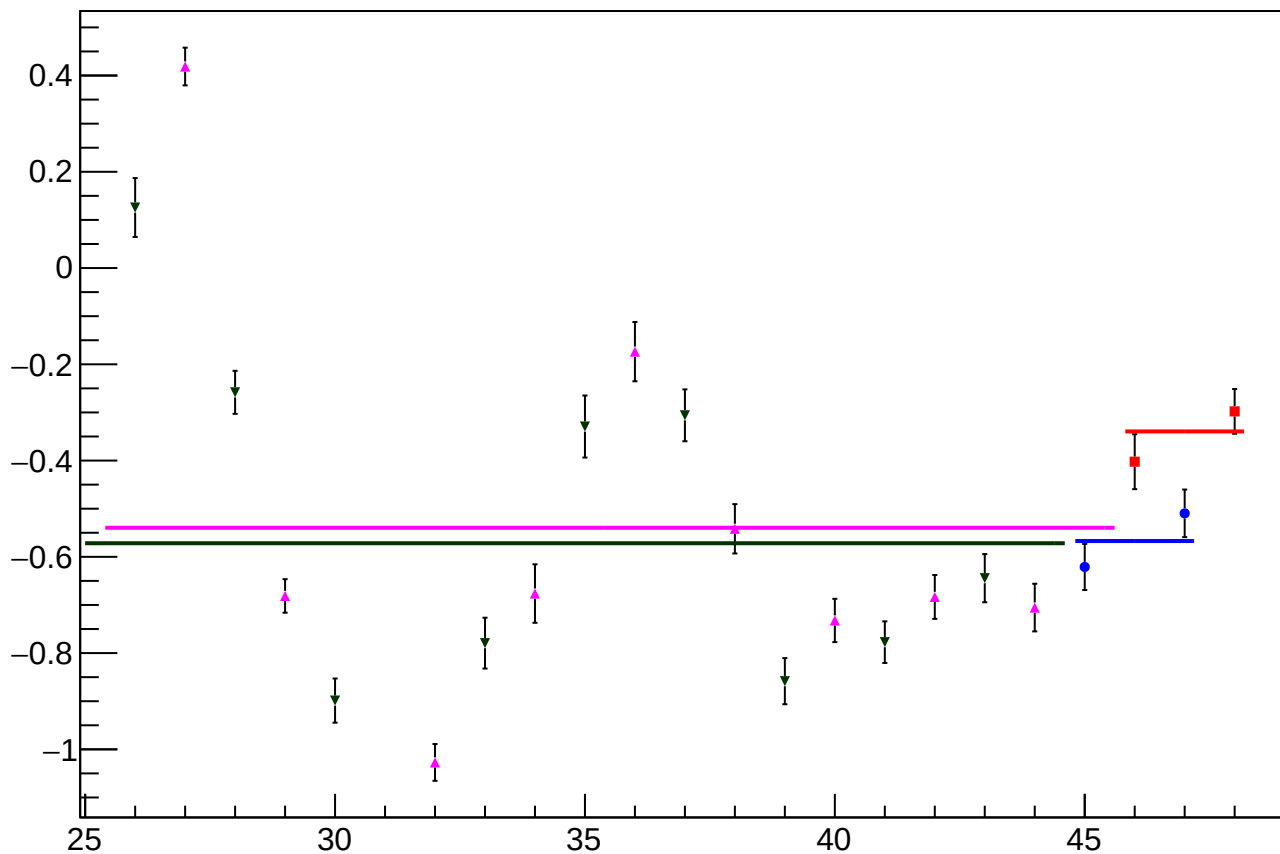
Right Out: -50.957 ± 0.100 χ^2/NDF : 648.6/1

Left In: -51.678 ± 0.043 χ^2/NDF : 8312.3/8

-50.440 ± 0.039 χ^2/NDF : 7874.5/10

-51.563 ± 0.040 χ^2/NDF : 9005.0/10

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.567 ± 0.034 χ^2/NDF : 2.6/1

Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

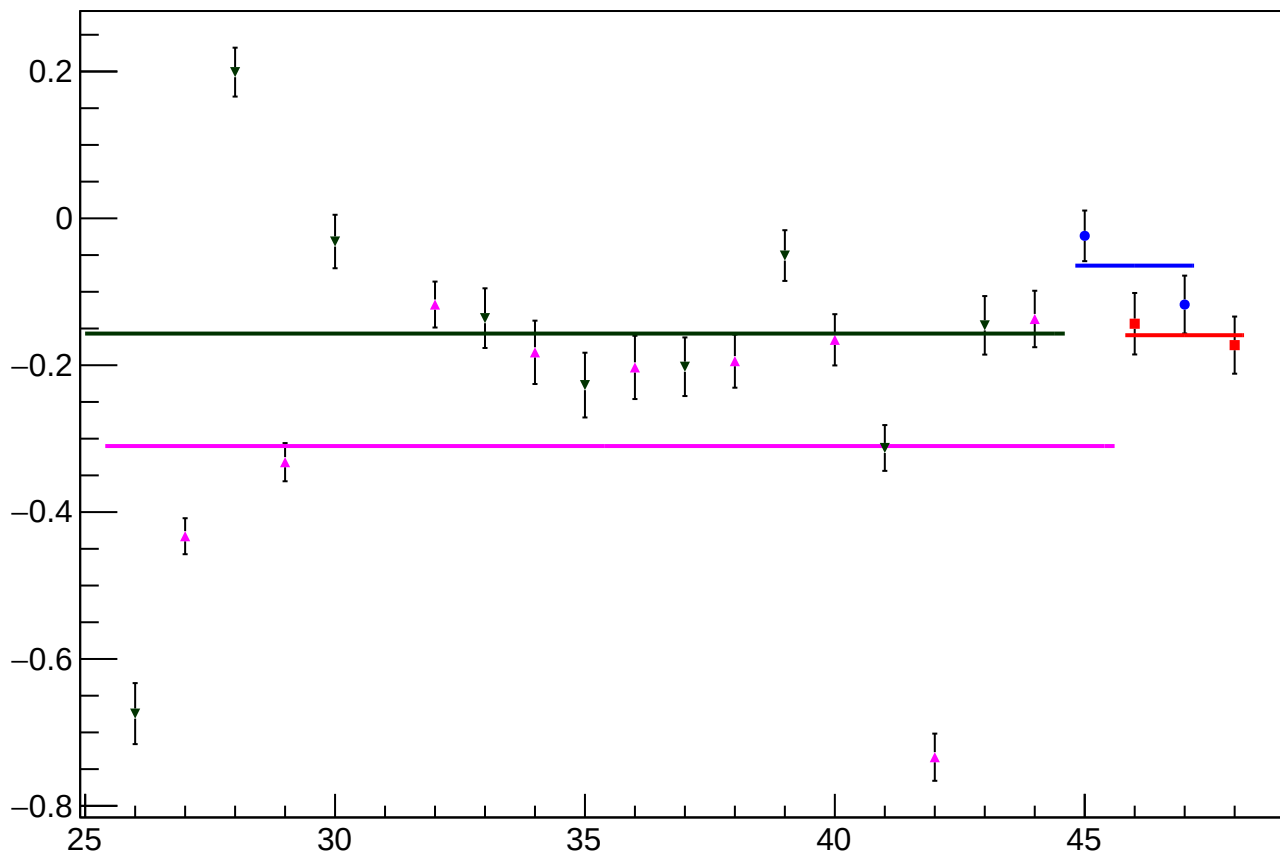
Right Out: -0.339 ± 0.036 χ^2/NDF : 2.0/1

Left In: -0.540 ± 0.015 χ^2/NDF : 857.8/8

-0.571 ± 0.015 χ^2/NDF : 346.9/10

-0.510 ± 0.014 χ^2/NDF : 886.1/10

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.064 $\pm$ 0.026 χ^2 /NDF: 3.2/1

Left Out: -0.157 $\pm$ 0.012 χ^2 /NDF: 319.9/8

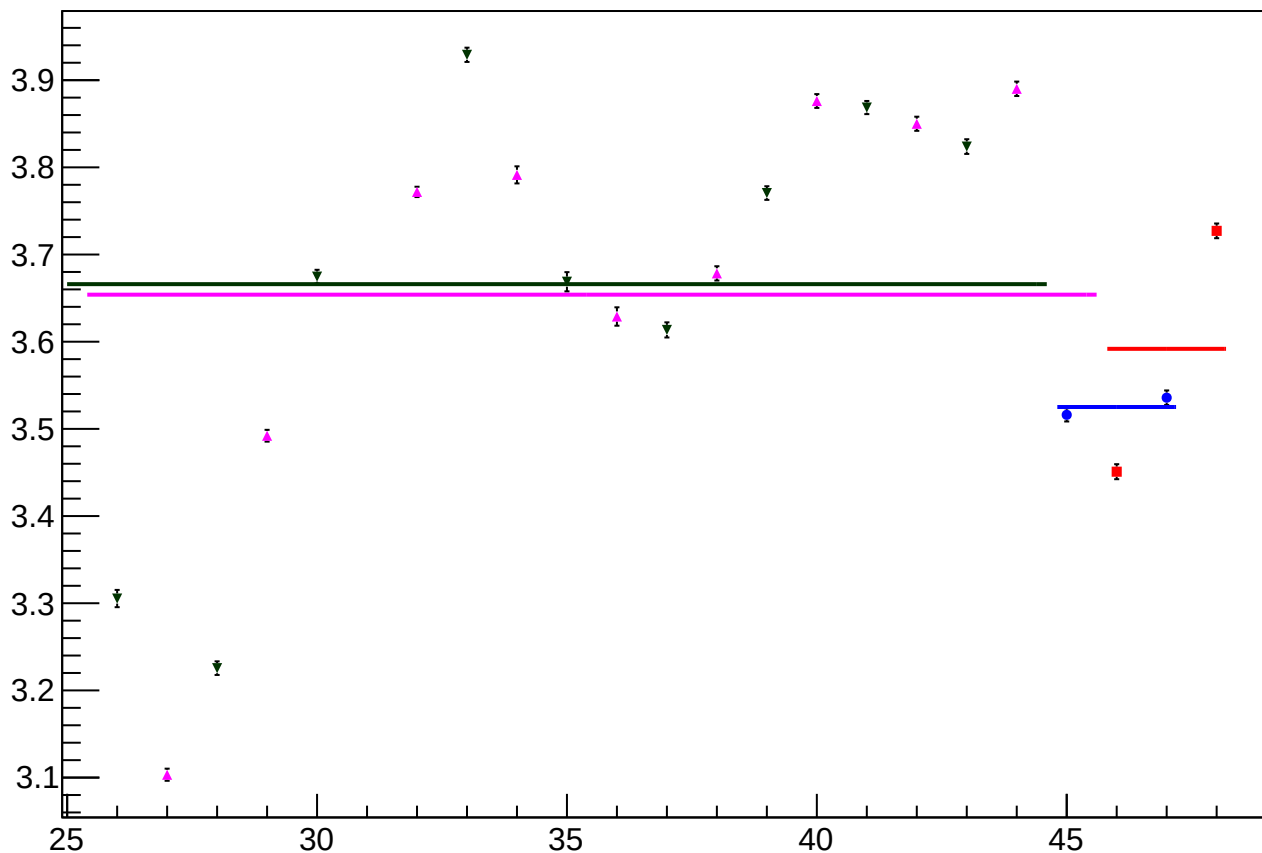
Right Out: -0.159 $\pm$ 0.028 χ^2 /NDF: 0.3/1

Left In: -0.310 $\pm$ 0.011 χ^2 /NDF: 300.3/8

-0.140 $\pm$ 0.011 χ^2 /NDF: 333.4/10

-0.291 $\pm$ 0.010 χ^2 /NDF: 325.1/10

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

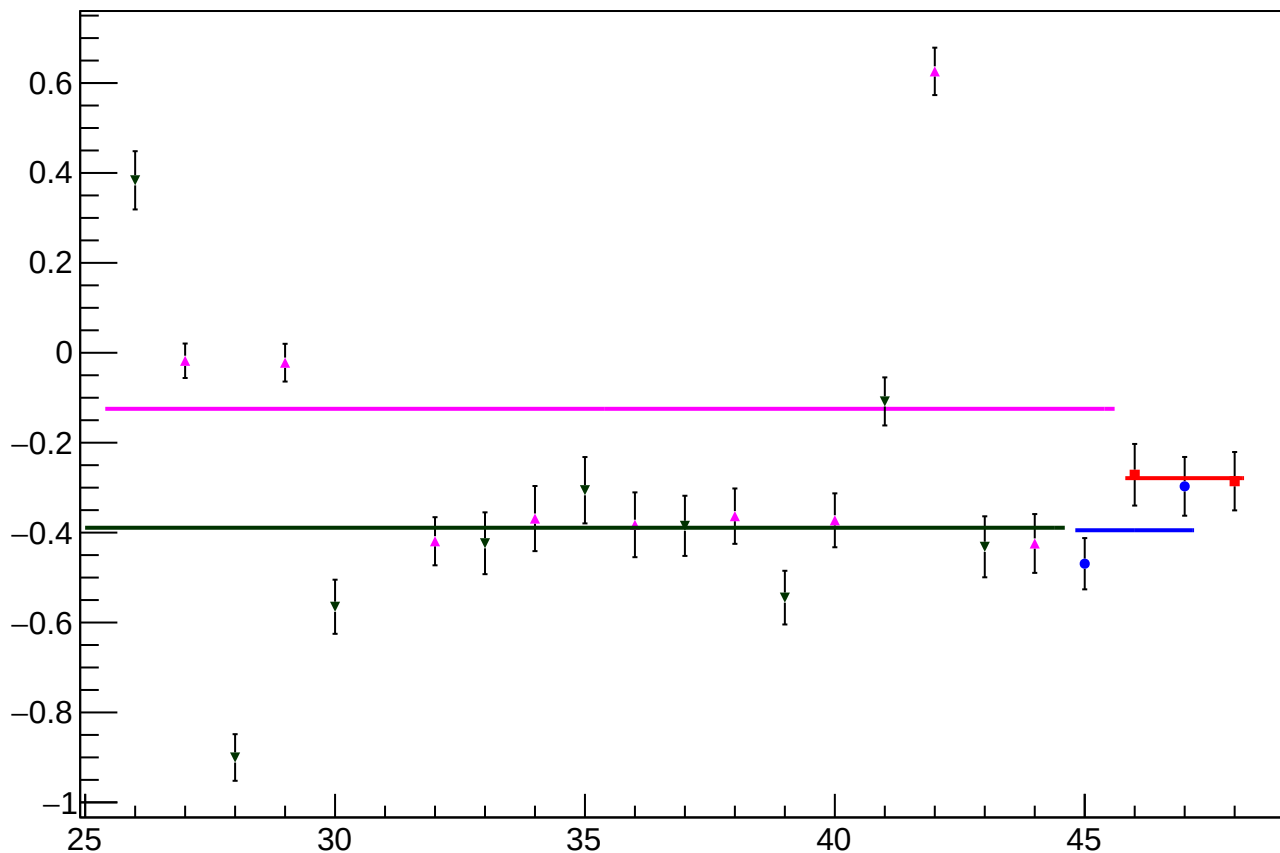
Right Out: 3.592+/-0.006 χ^2/NDF : 524.9/1

Left In: 3.654+/-0.003 χ^2/NDF : 9613.6/8

3.638+/-0.003 χ^2/NDF : 7324.1/10

3.644+/-0.002 χ^2/NDF : 10228.4/10

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.395 ± 0.043 $\chi^2/\text{NDF}: 3.9/1$

Left Out: -0.389 ± 0.021 $\chi^2/\text{NDF}: 284.2/8$

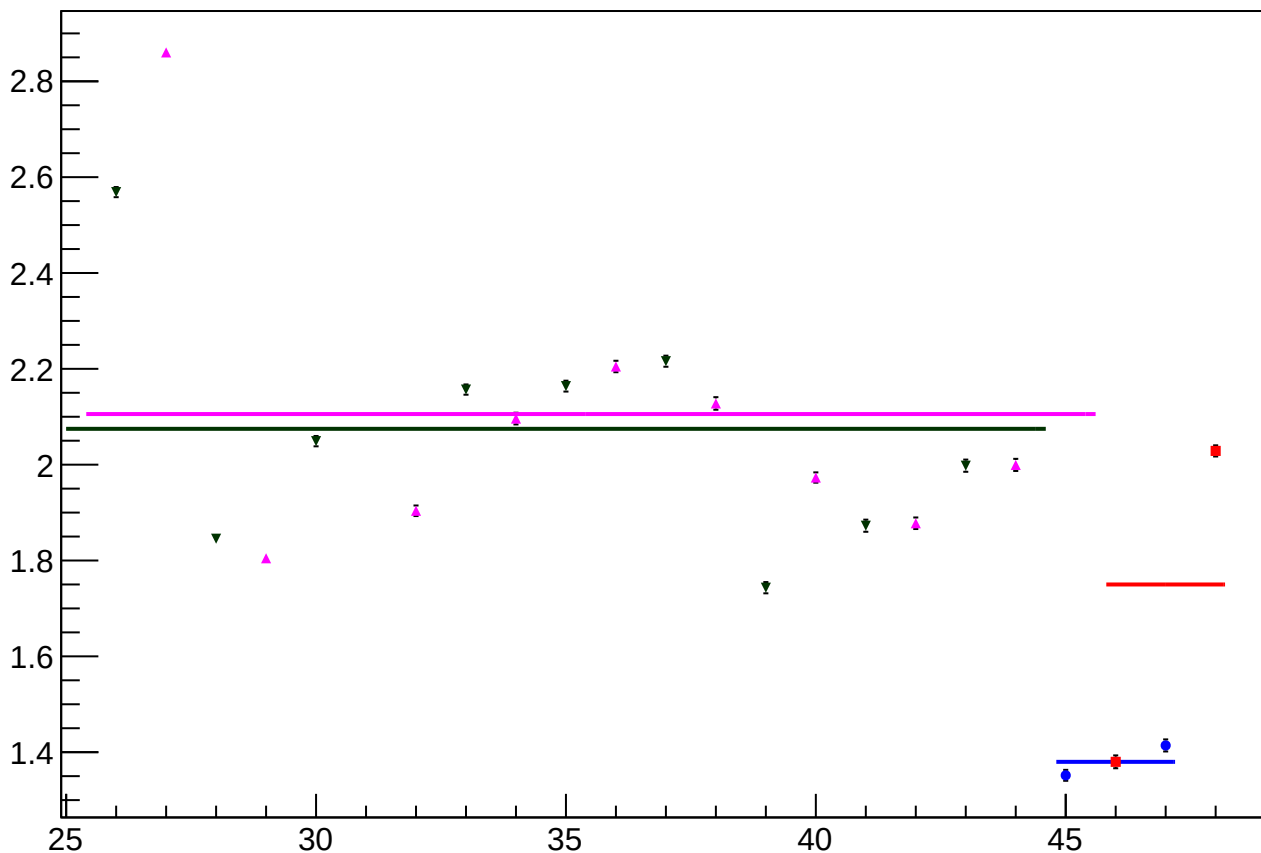
Right Out: -0.279 ± 0.047 $\chi^2/\text{NDF}: 0.0/1$

Left In: -0.125 ± 0.018 $\chi^2/\text{NDF}: 324.0/8$

-0.390 ± 0.019 $\chi^2/\text{NDF}: 288.2/10$

-0.144 ± 0.017 $\chi^2/\text{NDF}: 333.4/10$

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.380+/-0.008 χ^2/NDF : 13.5/1

Left Out: 2.075+/-0.004 χ^2/NDF : 4111.6/8

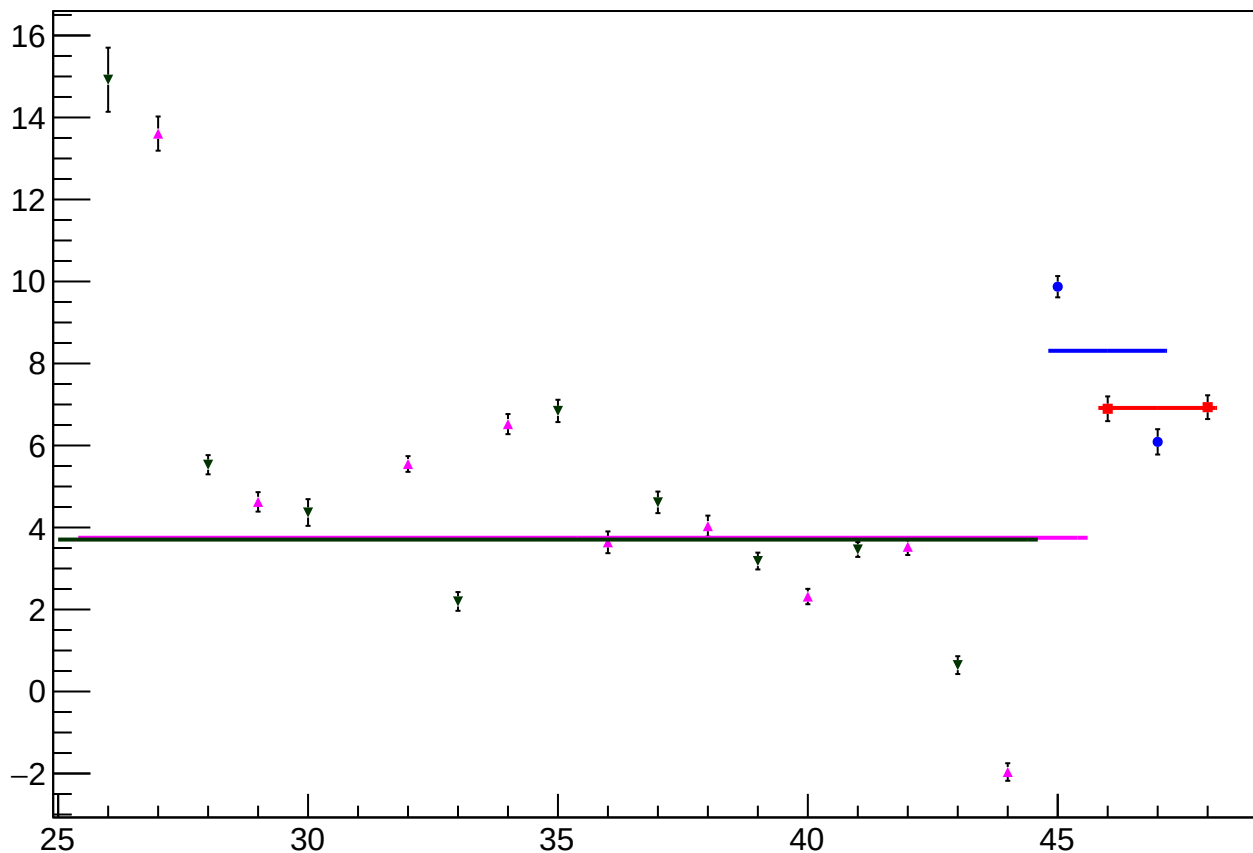
Right Out: 1.750+/-0.009 χ^2/NDF : 1331.9/1

Left In: 2.106+/-0.004 χ^2/NDF : 7840.1/8

1.962+/-0.003 χ^2/NDF : 9776.4/10

2.051+/-0.003 χ^2/NDF : 10553.9/10

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

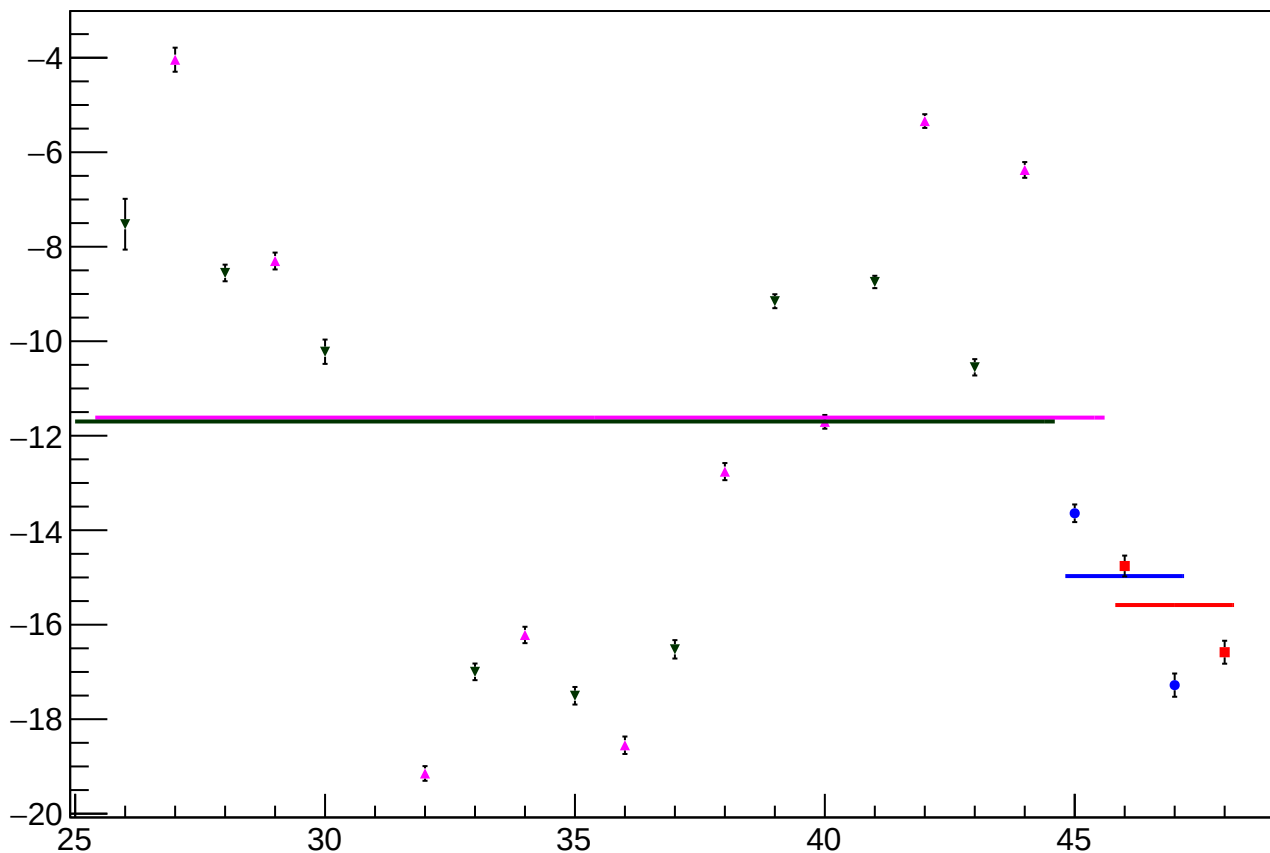
Right Out: 6.916+/-0.209 χ^2/NDF : 0.0/1

Left In: 3.750+/-0.076 χ^2/NDF : 1560.3/8

4.365+/-0.075 χ^2/NDF : 1214.0/10

4.123+/-0.072 χ^2/NDF : 1762.7/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -14.971±0.149 χ^2/NDF : 138.7/1

Left Out: -11.699±0.060 χ^2/NDF : 3753.7/8

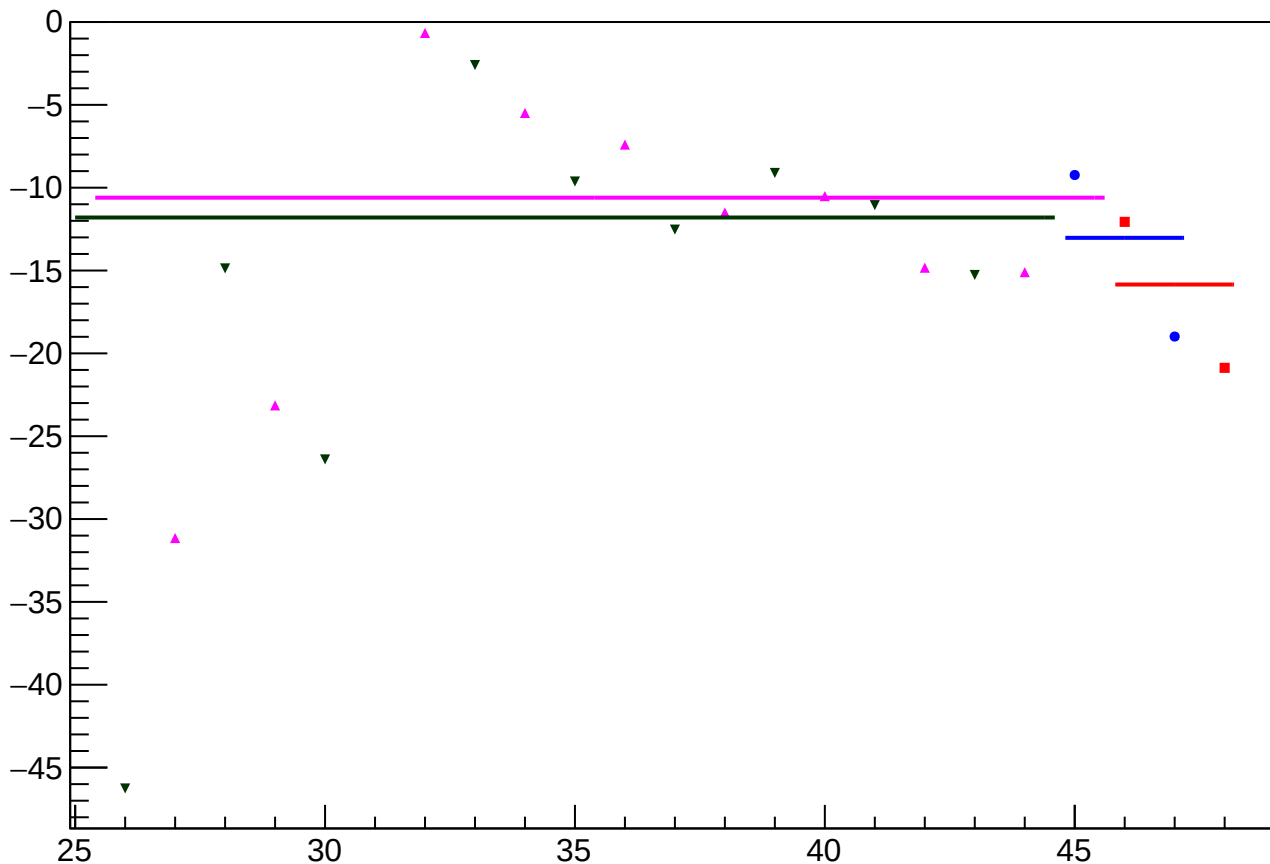
Right Out: -15.584±0.163 χ^2/NDF : 30.9/1

Left In: -11.617±0.057 χ^2/NDF : 8593.1/8

-12.159±0.056 χ^2/NDF : 4308.2/10

-12.042±0.053 χ^2/NDF : 9150.4/10

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -13.026 $\pm$ 0.032 χ^2 /NDF: 21559.8/1

Left Out: -11.800 $\pm$ 0.014 χ^2 /NDF: 232573.7/8

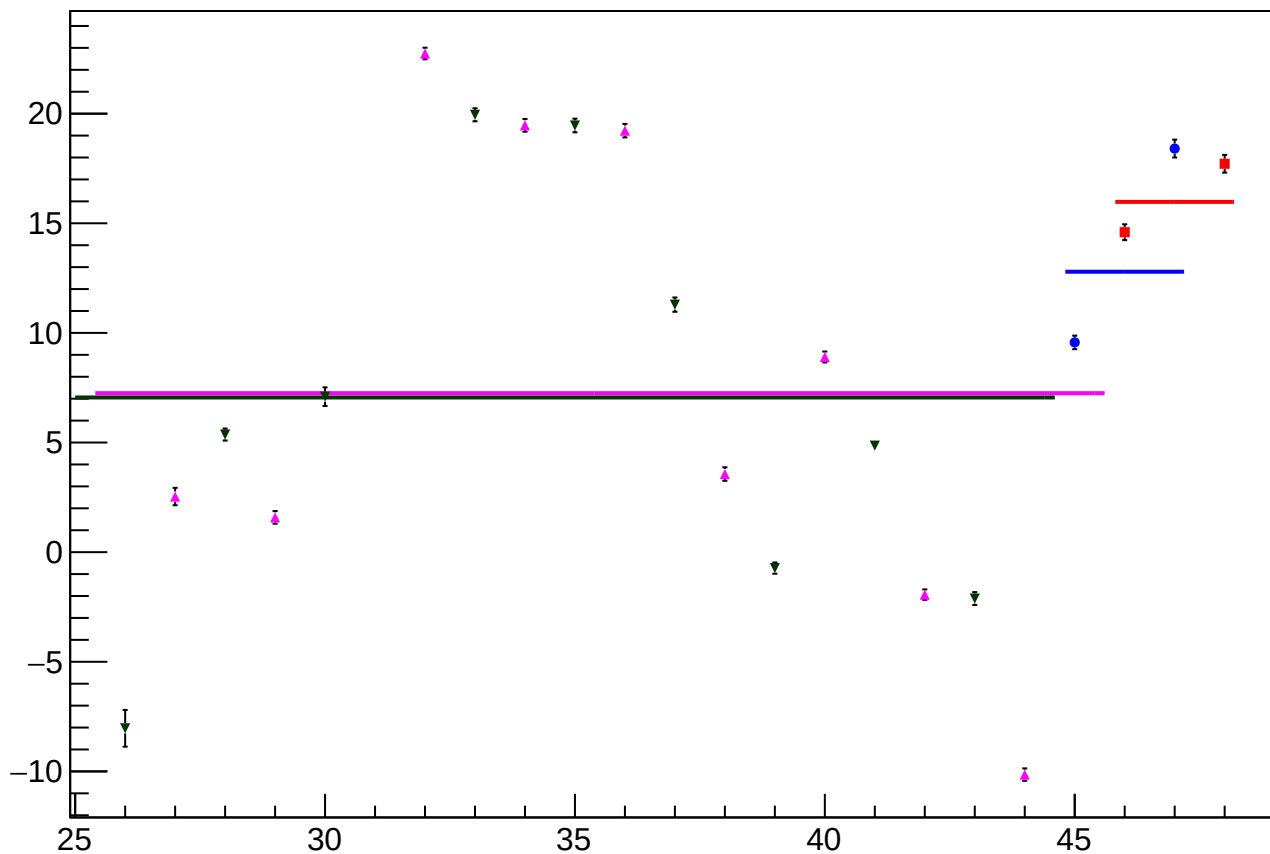
Right Out: -15.844 $\pm$ 0.034 χ^2 /NDF: 15997.8/1

Left In: -10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-11.983 $\pm$ 0.013 χ^2 /NDF: 255355.1/10

-11.244 $\pm$ 0.012 χ^2 /NDF: 356777.3/10

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 12.791 ± 0.246 $\chi^2/\text{NDF}: 298.3/1$

Left Out: 7.056 ± 0.101 $\chi^2/\text{NDF}: 5984.3/8$

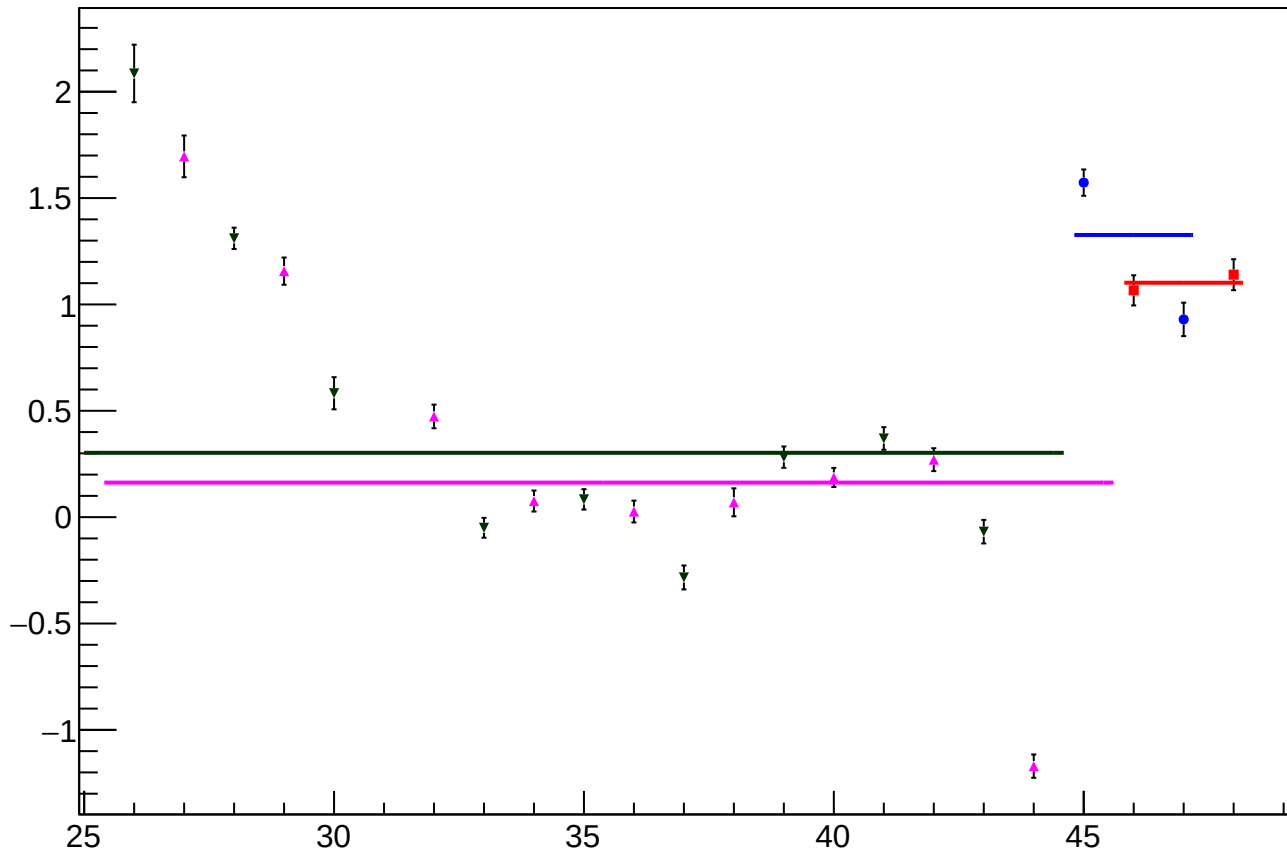
Right Out: 15.976 ± 0.270 $\chi^2/\text{NDF}: 33.1/1$

Left In: 7.252 ± 0.095 $\chi^2/\text{NDF}: 12651.2/8$

7.882 ± 0.094 $\chi^2/\text{NDF}: 6746.5/10$

8.209 ± 0.089 $\chi^2/\text{NDF}: 13615.8/10$

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

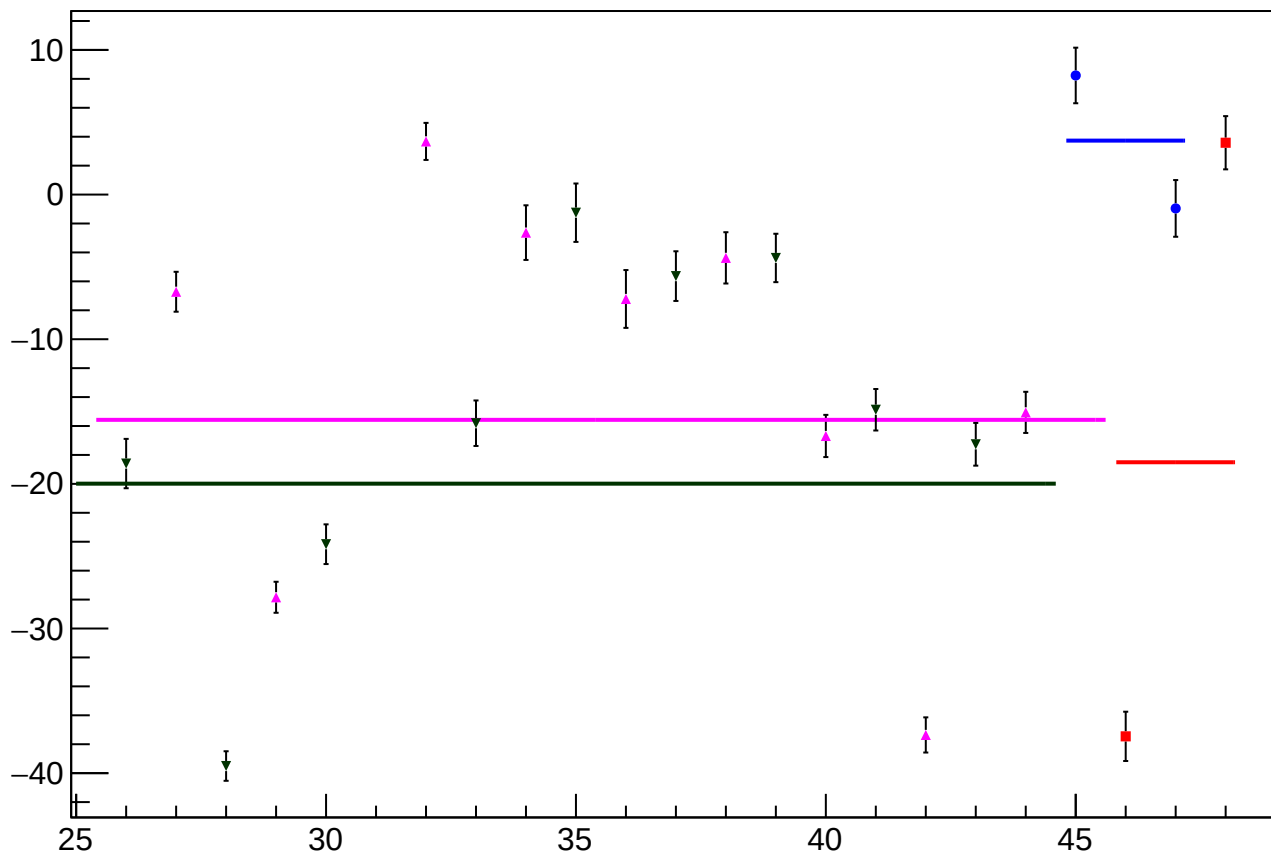
Right Out: 1.102 $\pm$ 0.051 χ^2 /NDF: 0.5/1

Left In: 0.162 $\pm$ 0.019 χ^2 /NDF:1123.7/8

0.432 $\pm$ 0.017 χ^2 /NDF: 1253.6/10

0.274 $\pm$ 0.018 χ^2 /NDF: 1425.8/10

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: 3.730 ± 1.372 $\chi^2/\text{NDF}: 11.2/1$

Left Out: -19.986 ± 0.492 $\chi^2/\text{NDF}: 641.4/8$

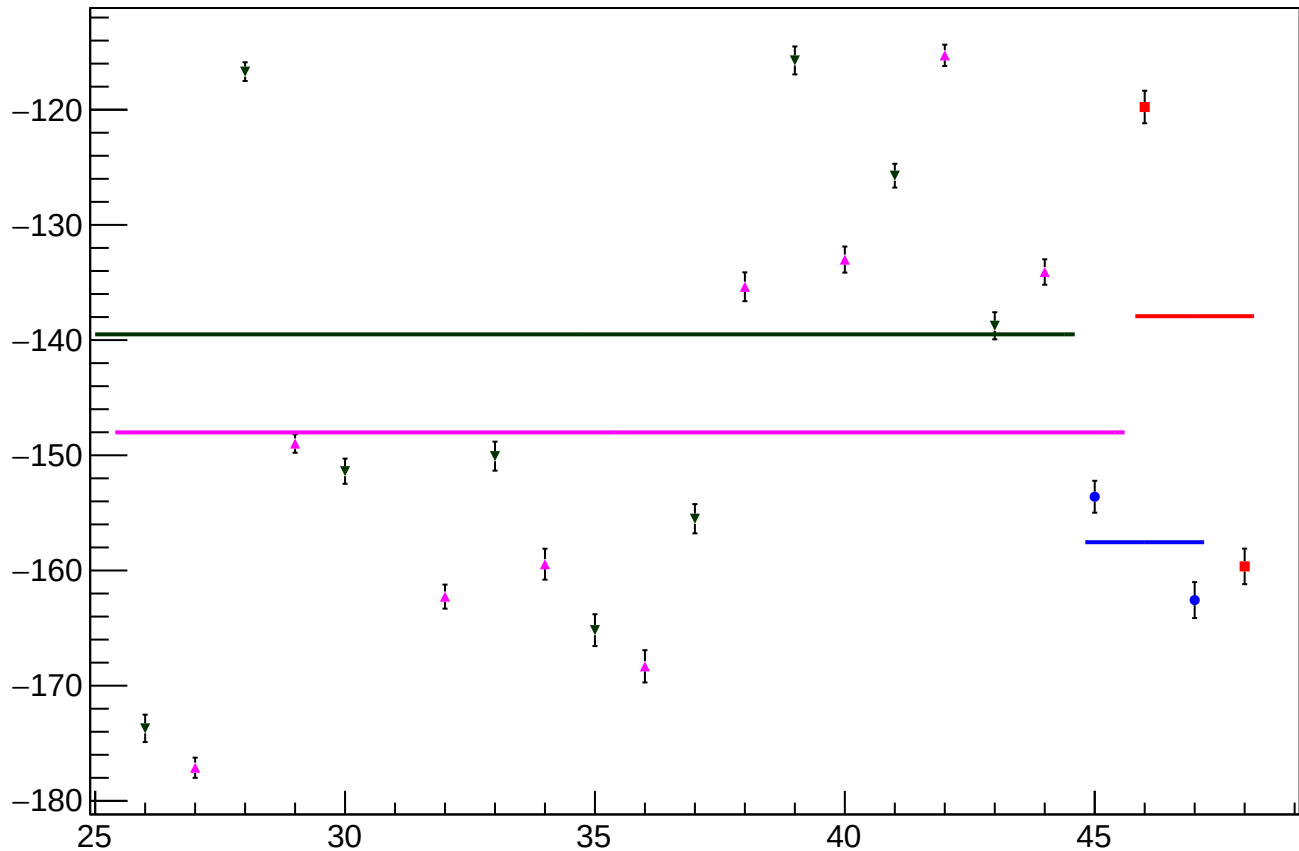
Right Out: -18.506 ± 1.250 $\chi^2/\text{NDF}: 267.9/1$

Left In: -15.574 ± 0.472 $\chi^2/\text{NDF}: 824.1/8$

-17.280 ± 0.464 $\chi^2/\text{NDF}: 917.2/10$

-15.939 ± 0.441 $\chi^2/\text{NDF}: 1096.8/10$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -157.545+/-1.036 χ^2/NDF : 18.5/1

Left Out: -139.501+/-0.374 χ^2/NDF : 2866.7/8

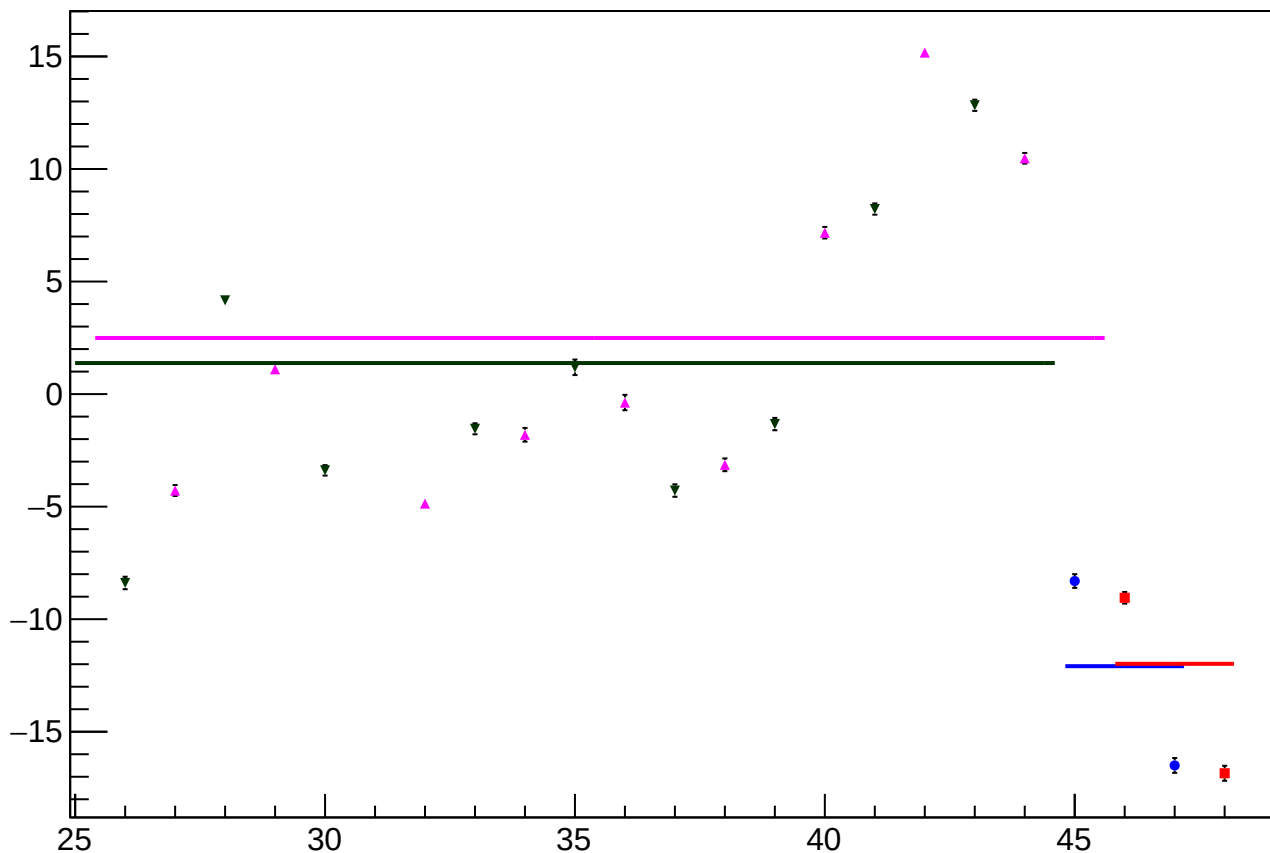
Right Out: -137.926+/-1.041 χ^2/NDF : 364.1/1

Left In: -148.011+/-0.348 χ^2/NDF : 3260.7/8

-141.577+/-0.351 χ^2/NDF : 3153.6/10

-146.997+/-0.330 χ^2/NDF : 3709.2/10

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

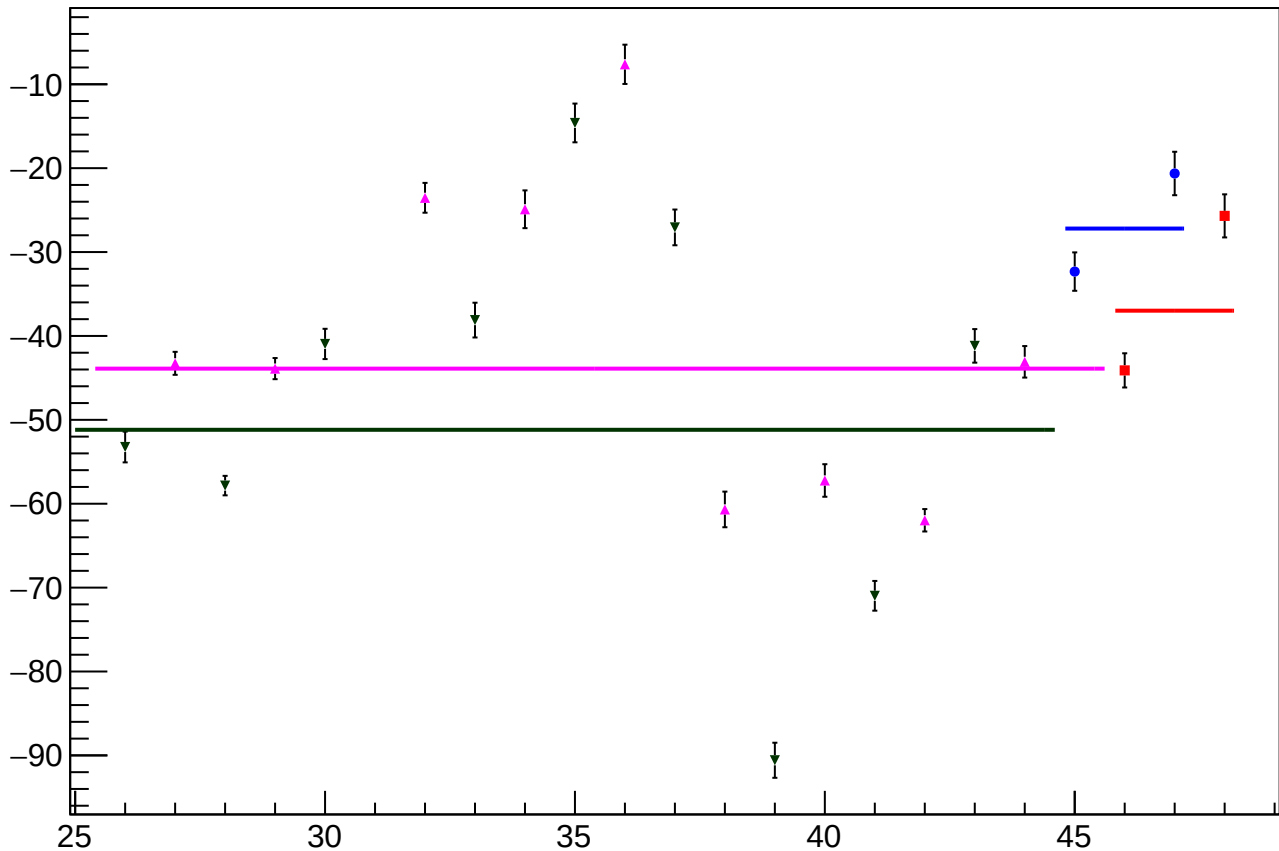
Right Out: -11.982 ± 0.205 χ^2/NDF : 339.5/1

Left In: 2.493 ± 0.081 χ^2/NDF : 7773.1/8

-0.258 ± 0.078 χ^2/NDF : 8913.0/10

0.532 ± 0.075 χ^2/NDF : 12424.4/10

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

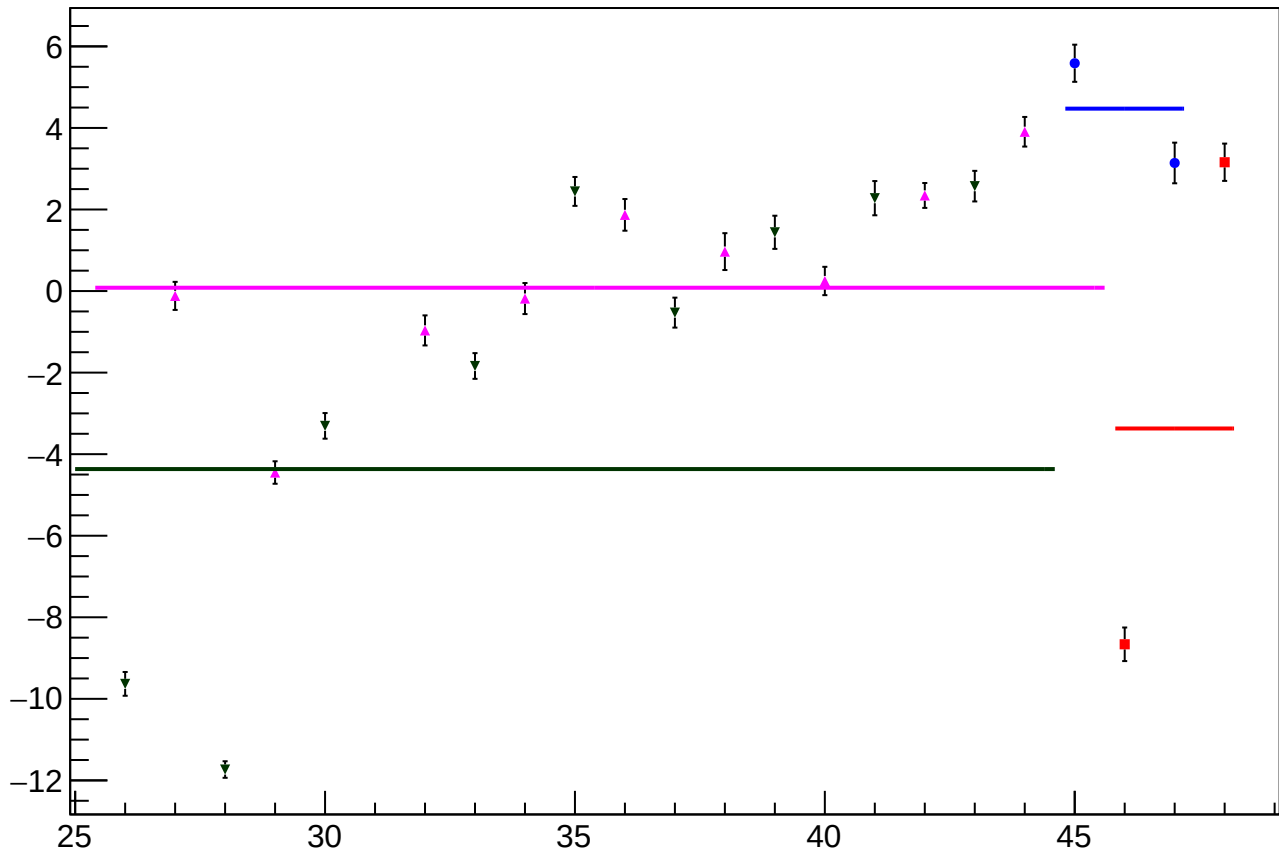
Right Out: -36.988 ± 1.597 χ^2/NDF : 31.6/1

Left In: -43.897 ± 0.560 χ^2/NDF : 735.5/8

-48.576 ± 0.566 χ^2/NDF : 1175.7/10

-43.140 ± 0.528 χ^2/NDF : 783.7/10

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 4.473+/-0.336 χ^2/NDF : 13.1/1

Left Out: -3.370+/-0.306 χ^2/NDF : 369.1/1

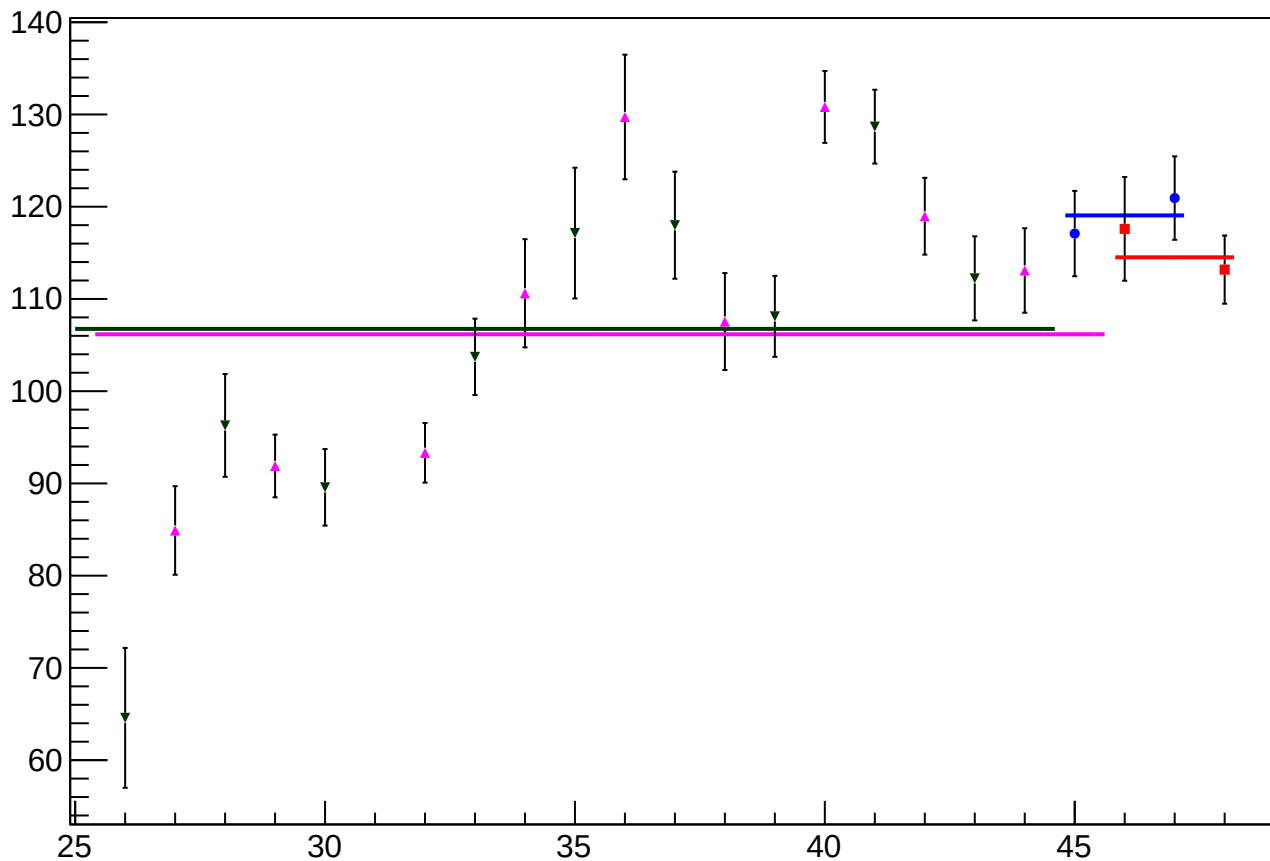
-3.578+/-0.100 χ^2/NDF : 3637.8/10

Right Out: -3.370+/-0.306 χ^2/NDF : 369.1/1

-0.354+/-0.109 χ^2/NDF : 950.3/10

Left In: 0.082+/-0.116 χ^2/NDF : 470.0/8

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

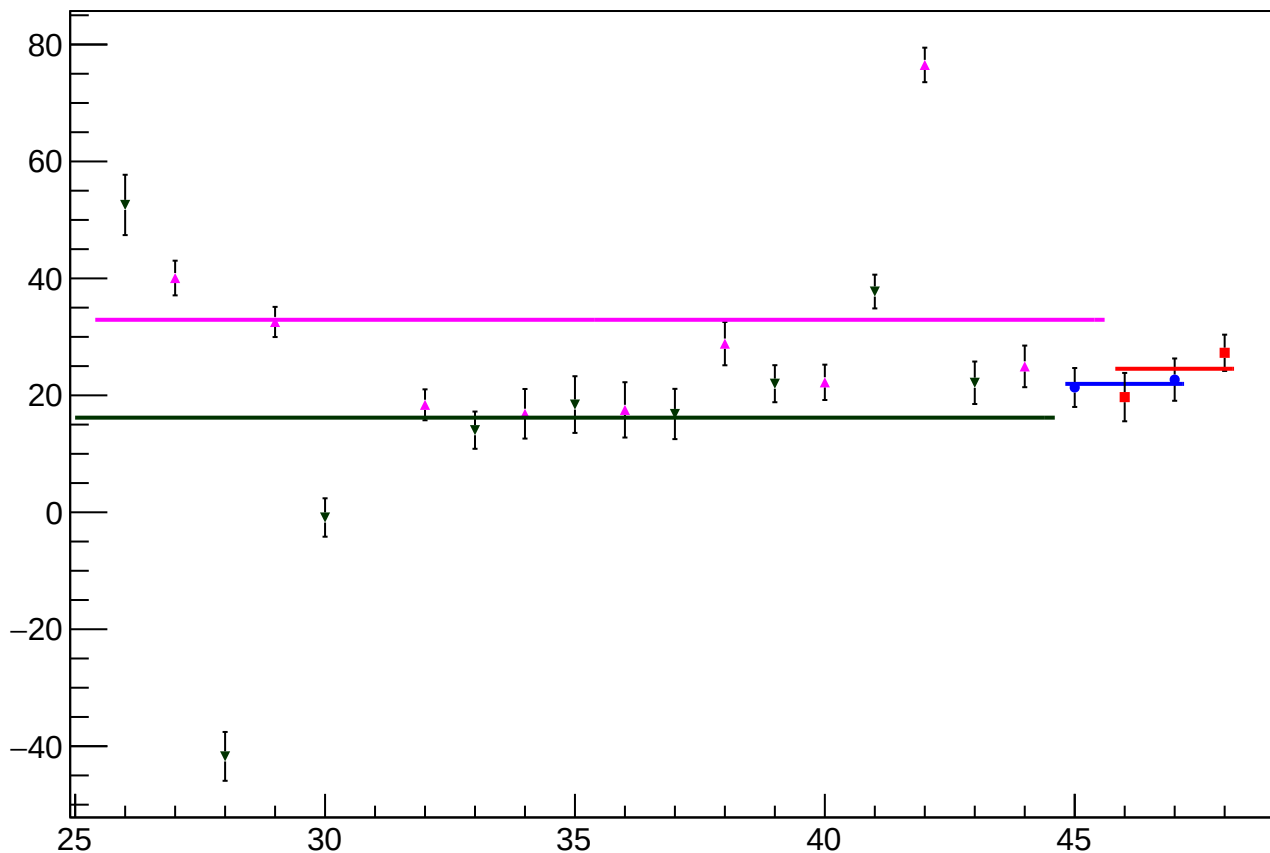
Right Out: 114.512 $\pm$ 3.089 χ^2 /NDF: 0.4/1

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF:117.6/8

109.236 $\pm$ 1.453 χ^2 /NDF: 101.5/10

107.656 $\pm$ 1.303 χ^2 /NDF: 124.0/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 21.961 $\pm$ 2.450 χ^2 /NDF: 0.1/1

Left Out: 16.187 $\pm$ 1.214 χ^2 /NDF:331.6/8

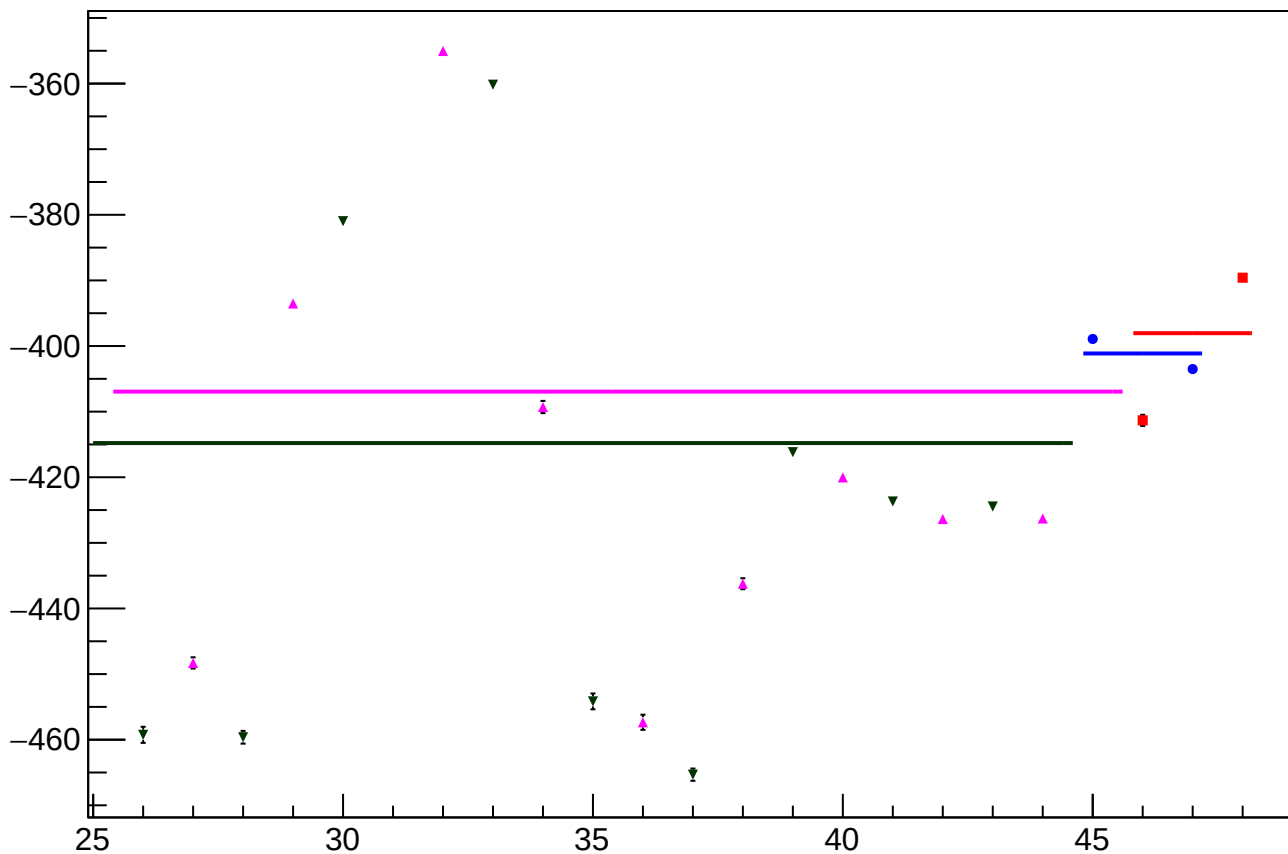
Right Out: 24.547 $\pm$ 2.481 χ^2 /NDF: 2.1/1

Left In: 32.922 $\pm$ 1.064 χ^2 /NDF:297.8/8

17.325 $\pm$ 1.088 χ^2 /NDF: 336.2/10

31.621 $\pm$ 0.978 χ^2 /NDF: 309.6/10

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -401.133 ± 0.530 $\chi^2/\text{NDF}: 18.7/1$

Left Out: -414.789 ± 0.271 $\chi^2/\text{NDF}: 17193.7/8$

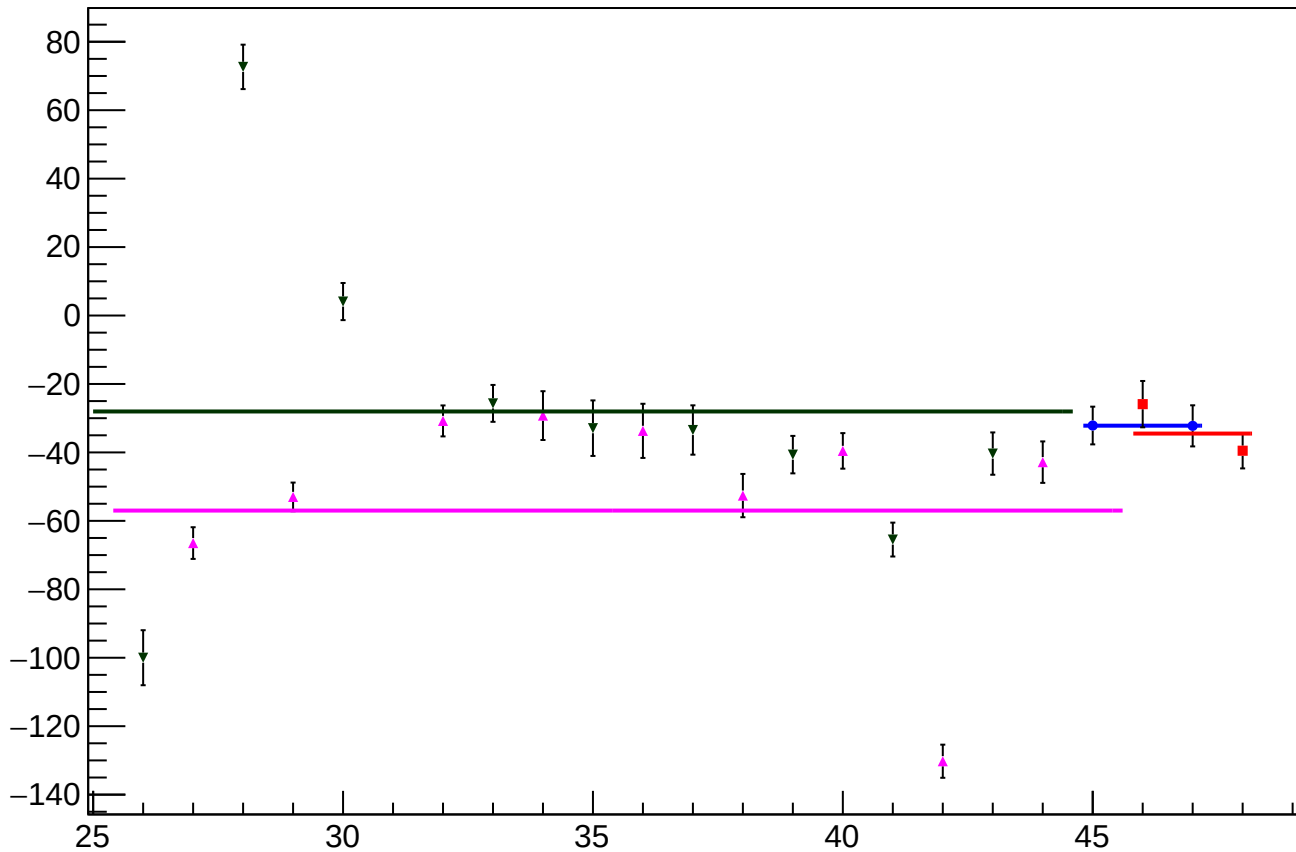
-411.954 ± 0.241 $\chi^2/\text{NDF}: 17738.8/10$

Right Out: -398.040 ± 0.529 $\chi^2/\text{NDF}: 401.6/1$

-405.362 ± 0.223 $\chi^2/\text{NDF}: 18767.6/10$

Left In: -406.947 ± 0.246 $\chi^2/\text{NDF}: 18132.7/8$

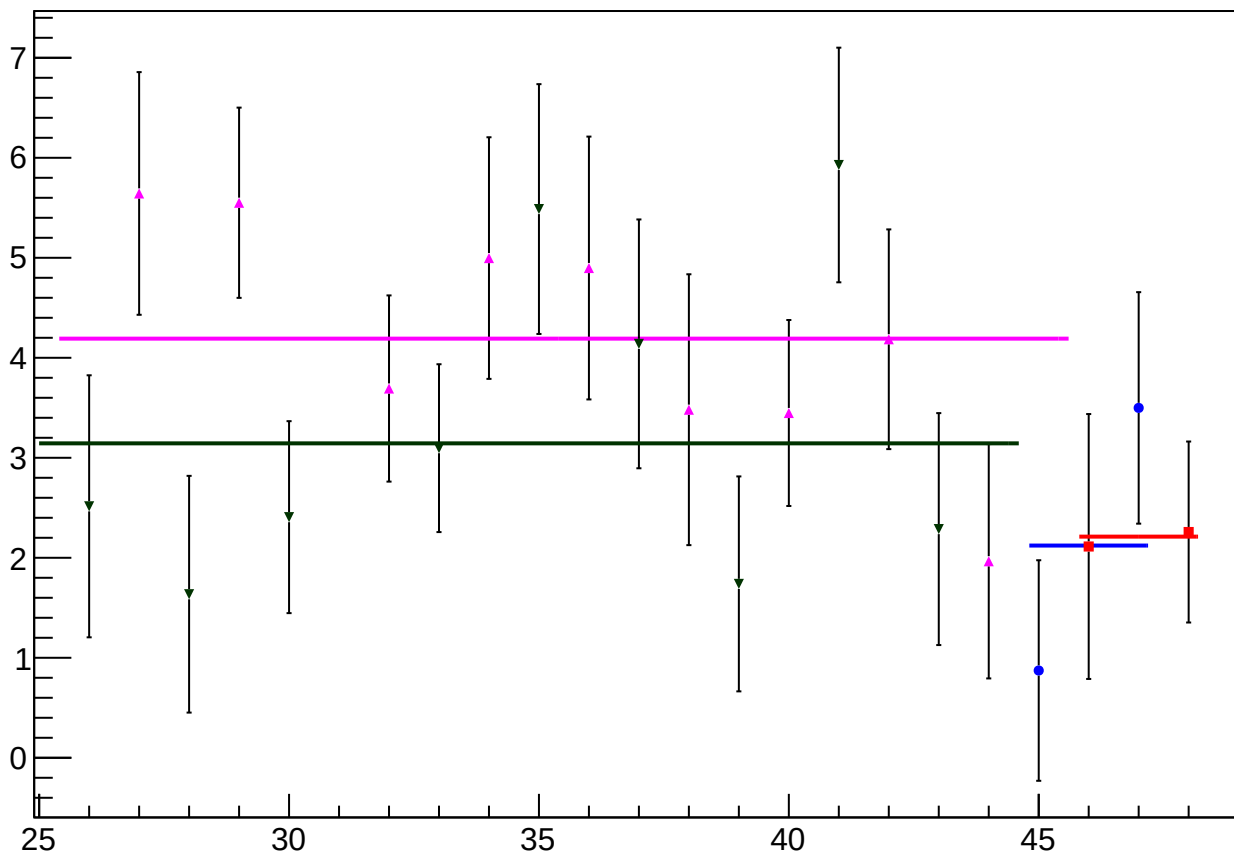
reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -32.186 ± 4.061 χ^2/NDF : 0.0/1
 Left Out: -28.036 ± 2.031 χ^2/NDF : 423.4/8
 Right Out: -34.492 ± 4.109 χ^2/NDF : 2.6/1
 Left In: -56.994 ± 1.767 χ^2/NDF : 308.6/8

-28.866 ± 1.817 χ^2/NDF : 424.2/10
 -53.482 ± 1.623 χ^2/NDF : 336.4/10

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

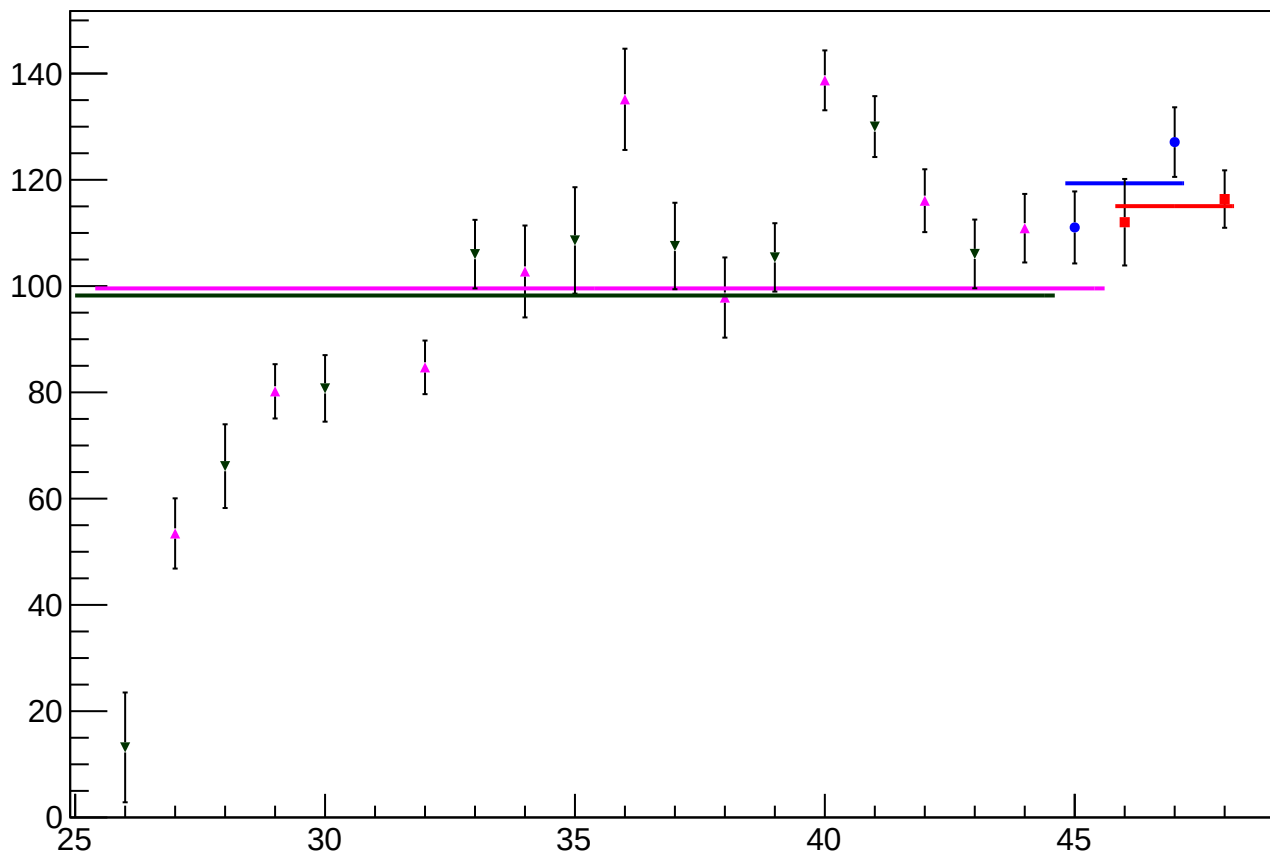
Right Out: 2.212 $\pm$ 0.747 χ^2 /NDF: 0.0/1

Left In: 4.191 $\pm$ 0.366 χ^2 /NDF:9.0/8

2.966 $\pm$ 0.333 χ^2 /NDF: 18.5/10

3.808 $\pm$ 0.329 χ^2 /NDF: 14.7/10

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

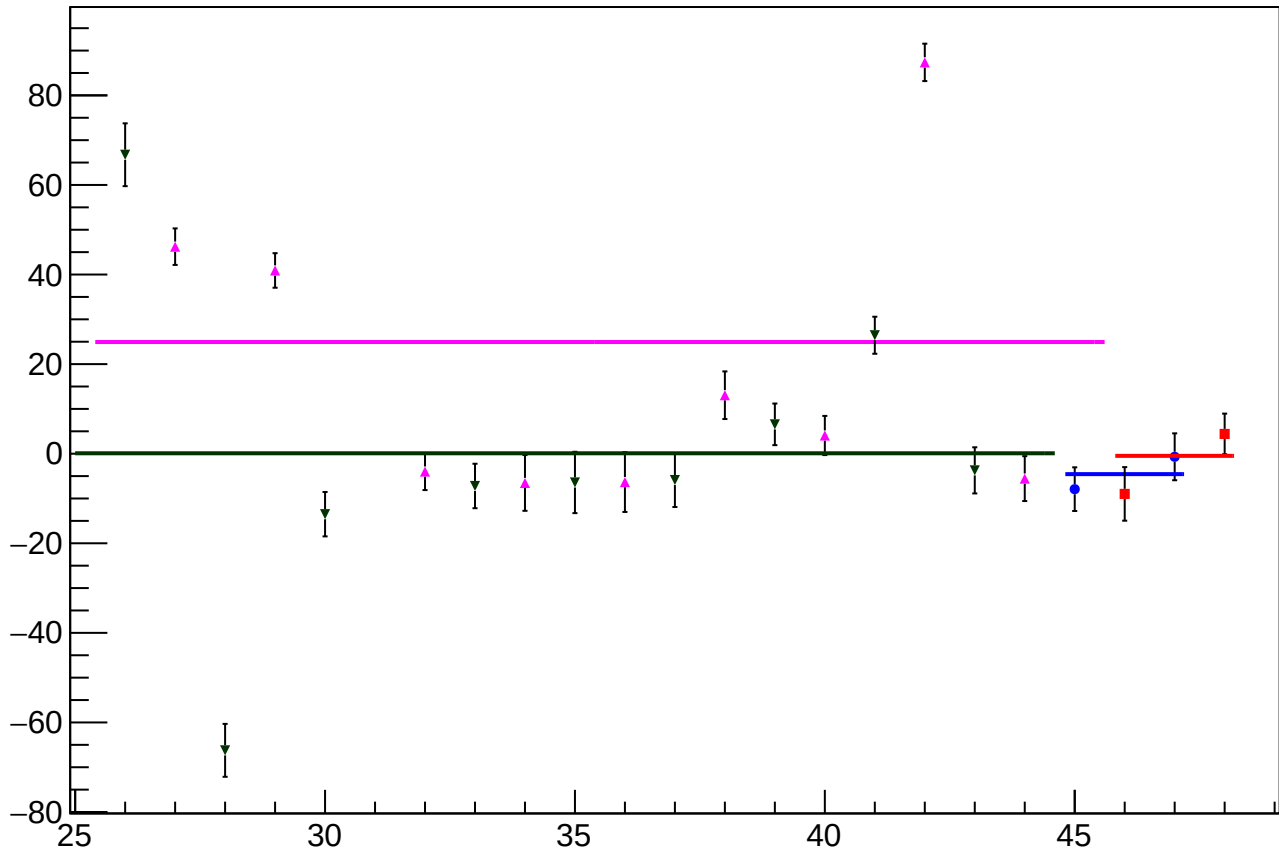
Right Out: 115.045 $\pm$ 4.504 χ^2 /NDF: 0.2/1

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

102.483 $\pm$ 2.114 χ^2 /NDF: 148.4/10

102.330 $\pm$ 1.904 χ^2 /NDF: 154.9/10

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

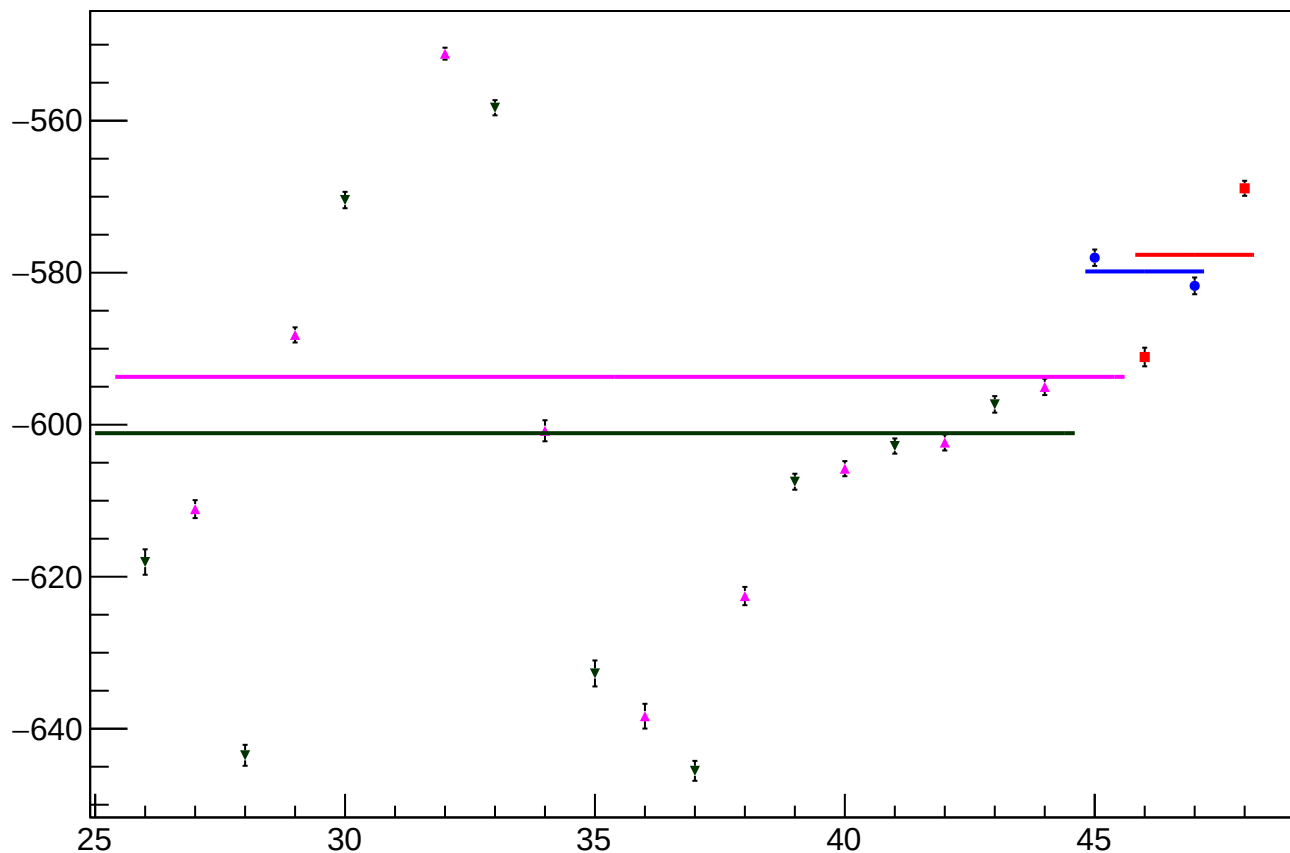
Right Out: -0.481+/-3.616 χ^2/NDF : 3.2/1

Left In: 24.935+/-1.545 χ^2/NDF : 429.4/8

-0.820+/-1.581 χ^2/NDF : 273.5/10

21.013+/-1.420 χ^2/NDF : 474.3/10

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

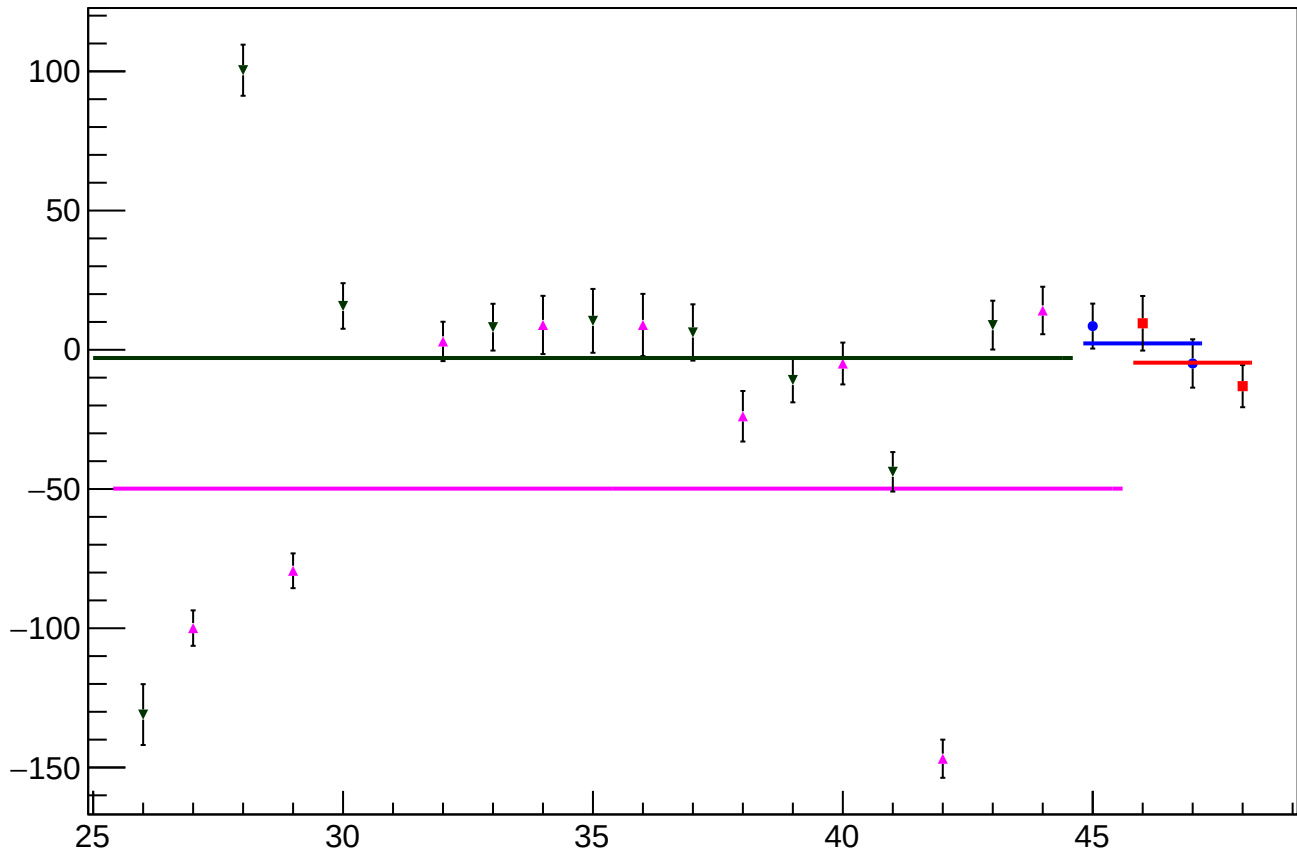
Right Out: -577.648+/-0.771 χ^2/NDF : 198.2/1

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-596.693+/-0.352 χ^2/NDF : 5838.2/10

-590.823+/-0.326 χ^2/NDF : 5286.2/10

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

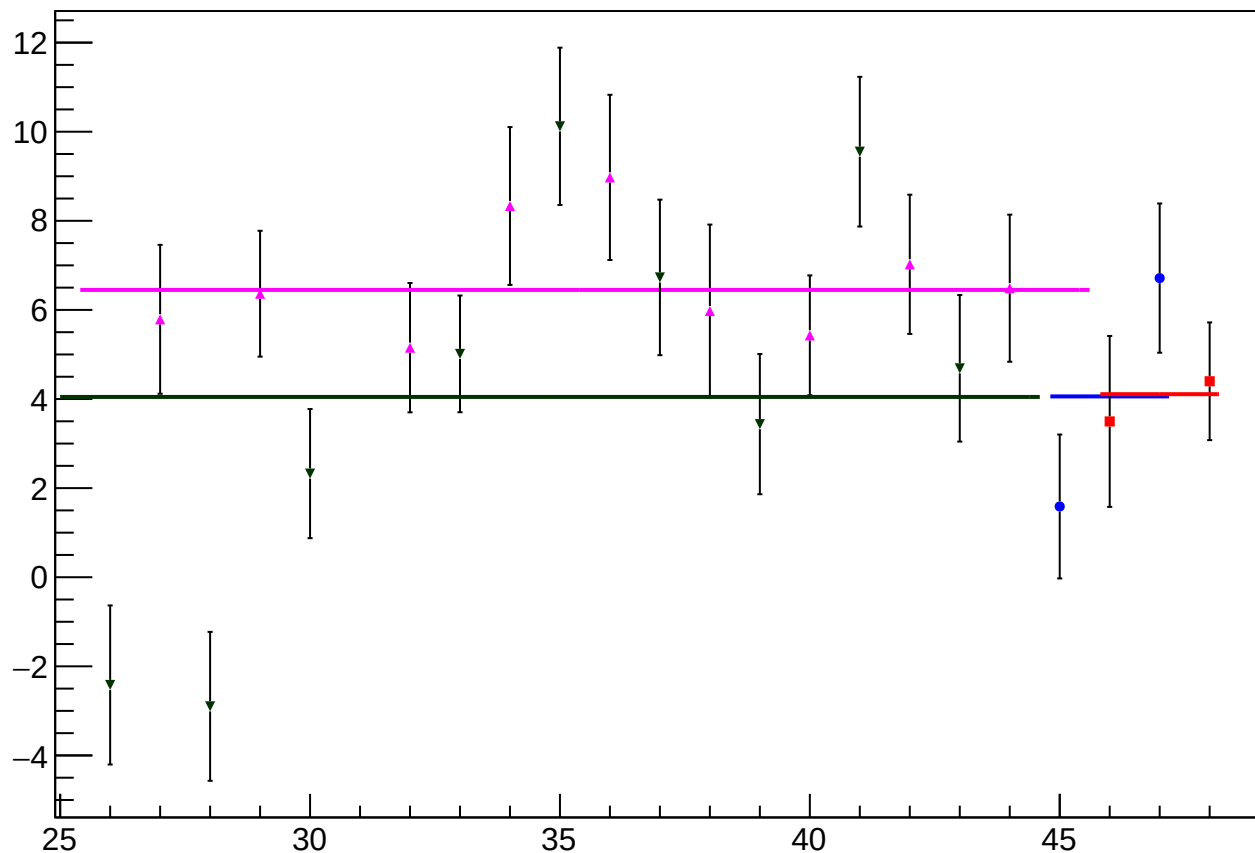
Right Out: -4.631 ± 5.988 χ^2/NDF : 3.3/1

Left In: -49.855 ± 2.562 χ^2/NDF : 500.0/8

-1.908 ± 2.637 χ^2/NDF : 311.3/10

-42.859 ± 2.355 χ^2/NDF : 551.6/10

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.058 $\pm$ 1.162 χ^2/NDF : 4.9/1

Left Out: 4.047 $\pm$ 0.534 χ^2/NDF : 57.6/8

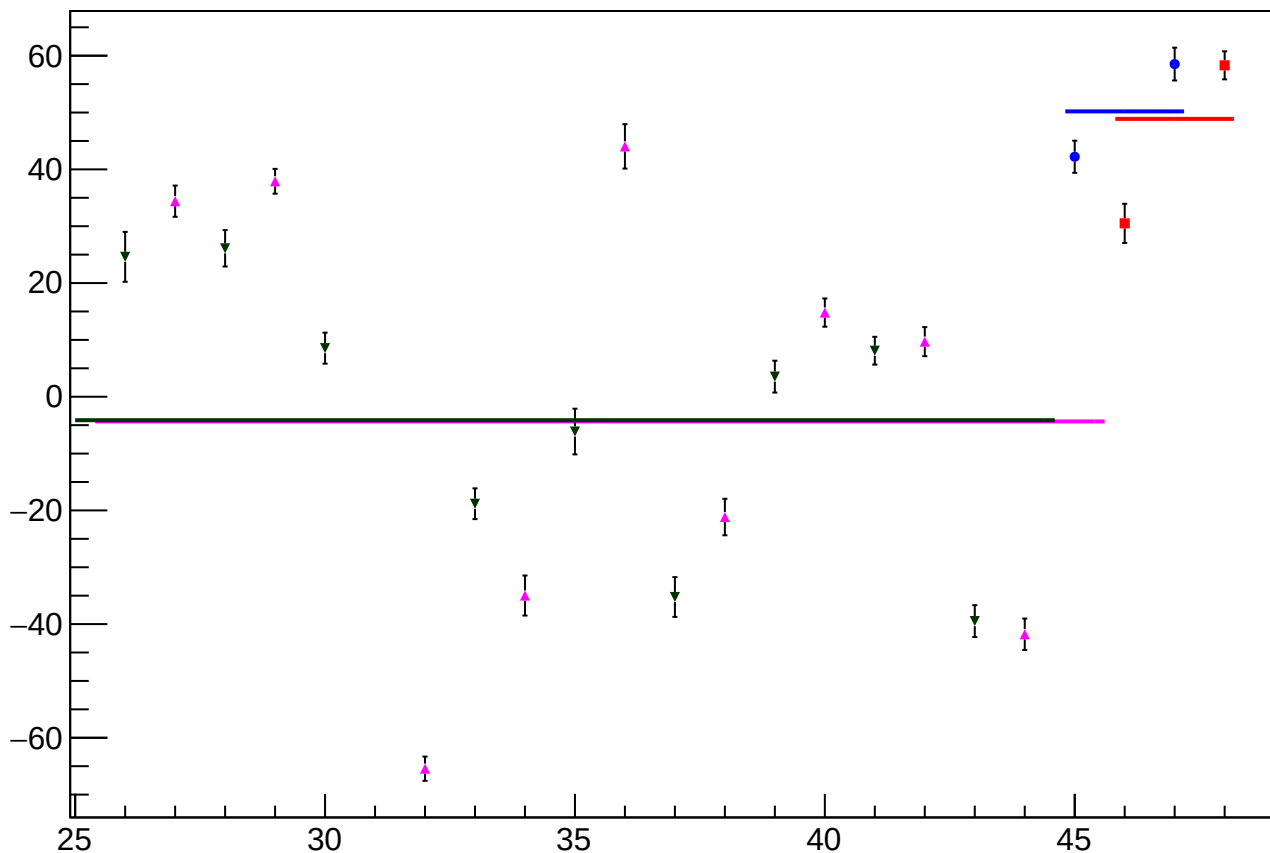
Right Out: 4.109 $\pm$ 1.088 χ^2/NDF : 0.1/1

Left In: 6.449 $\pm$ 0.532 χ^2/NDF : 4.7/8

4.049 $\pm$ 0.485 χ^2/NDF : 62.4/10

5.998 $\pm$ 0.478 χ^2/NDF : 8.6/10

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 50.200 ± 2.019 $\chi^2/\text{NDF}: 16.3/1$

Left Out: -4.129 ± 1.007 $\chi^2/\text{NDF}: 453.7/8$

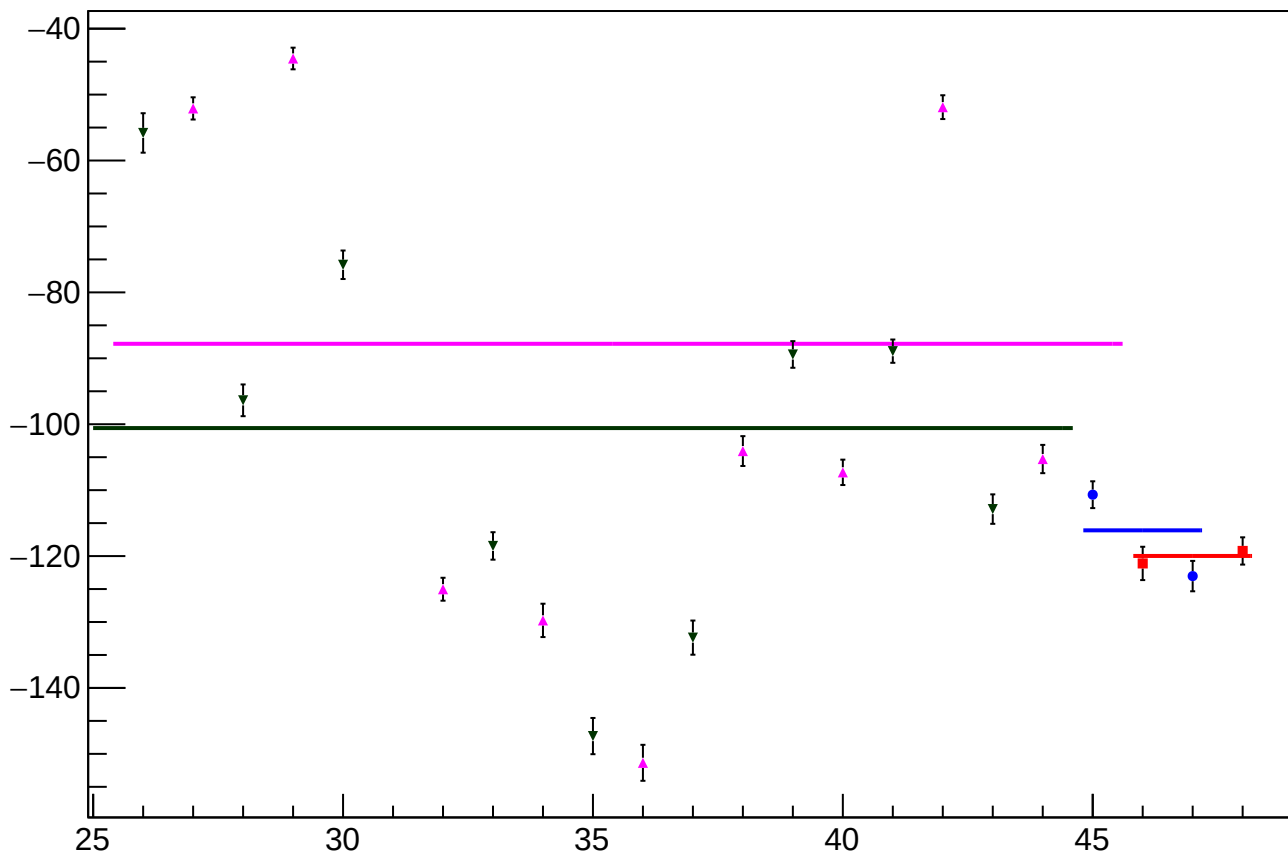
Right Out: 48.884 ± 2.004 $\chi^2/\text{NDF}: 43.1/1$

Left In: -4.348 ± 0.893 $\chi^2/\text{NDF}: 1927.7/8$

6.698 ± 0.901 $\chi^2/\text{NDF}: 1049.7/10$

4.476 ± 0.816 $\chi^2/\text{NDF}: 2559.4/10$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -116.096+/-1.525 χ^2/NDF : 16.1/1

Left Out: -100.583+/-0.750 χ^2/NDF : 975.8/8

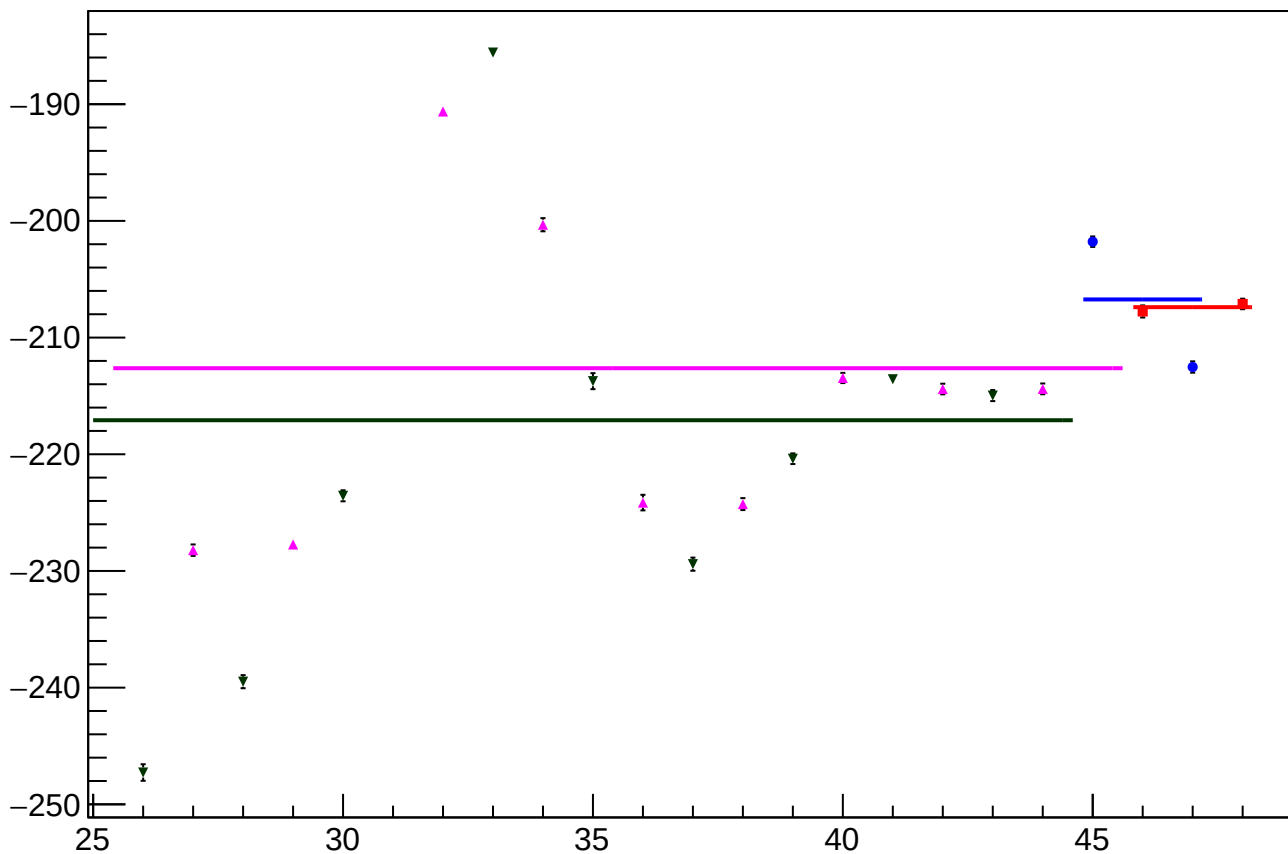
Right Out: -119.981+/-1.600 χ^2/NDF : 0.3/1

Left In: -87.800+/-0.654 χ^2/NDF : 3036.8/8

-103.607+/-0.673 χ^2/NDF : 1075.3/10

-92.410+/-0.606 χ^2/NDF : 3383.5/10

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

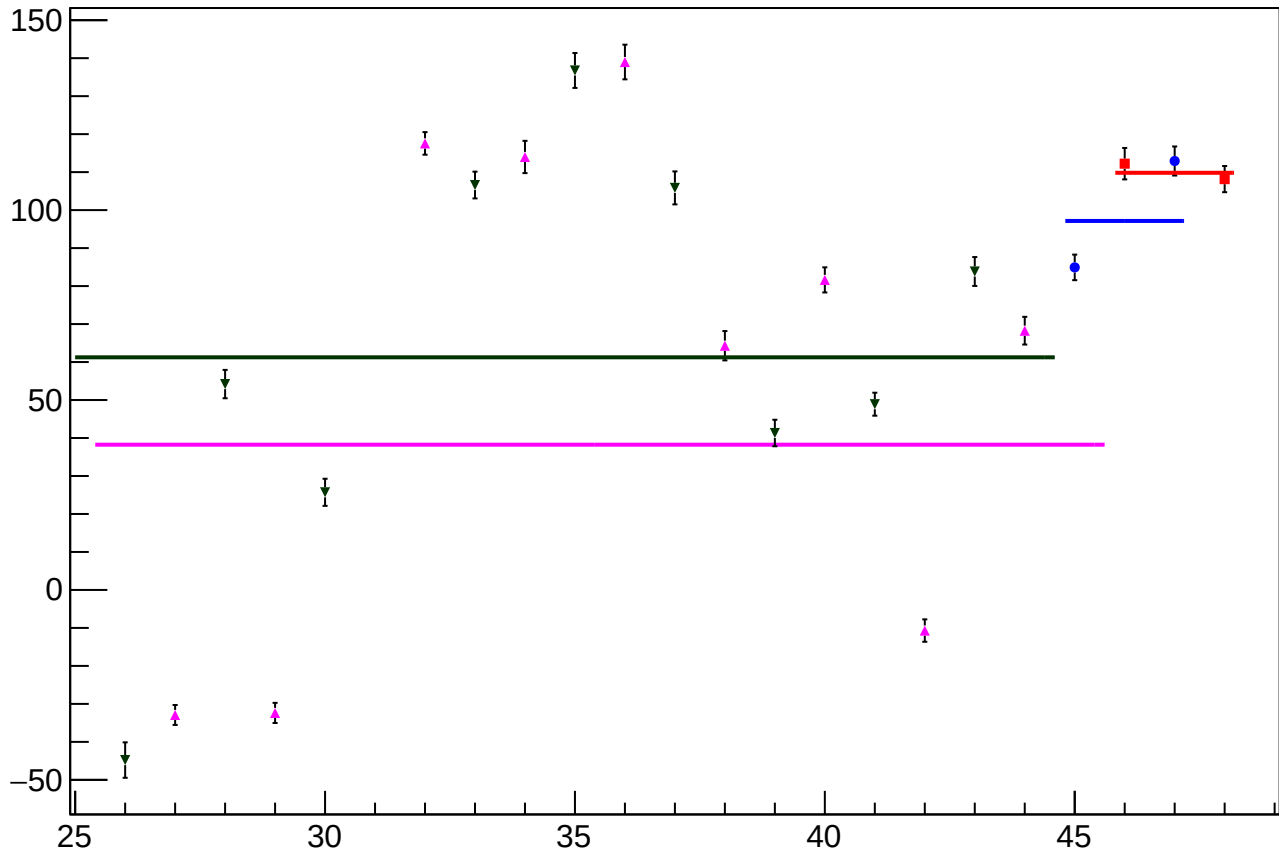
Right Out: -207.394+/-0.340 χ^2/NDF : 0.9/1

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-214.948+/-0.150 χ^2/NDF : 10927.6/10

-211.748+/-0.139 χ^2/NDF : 8241.4/10

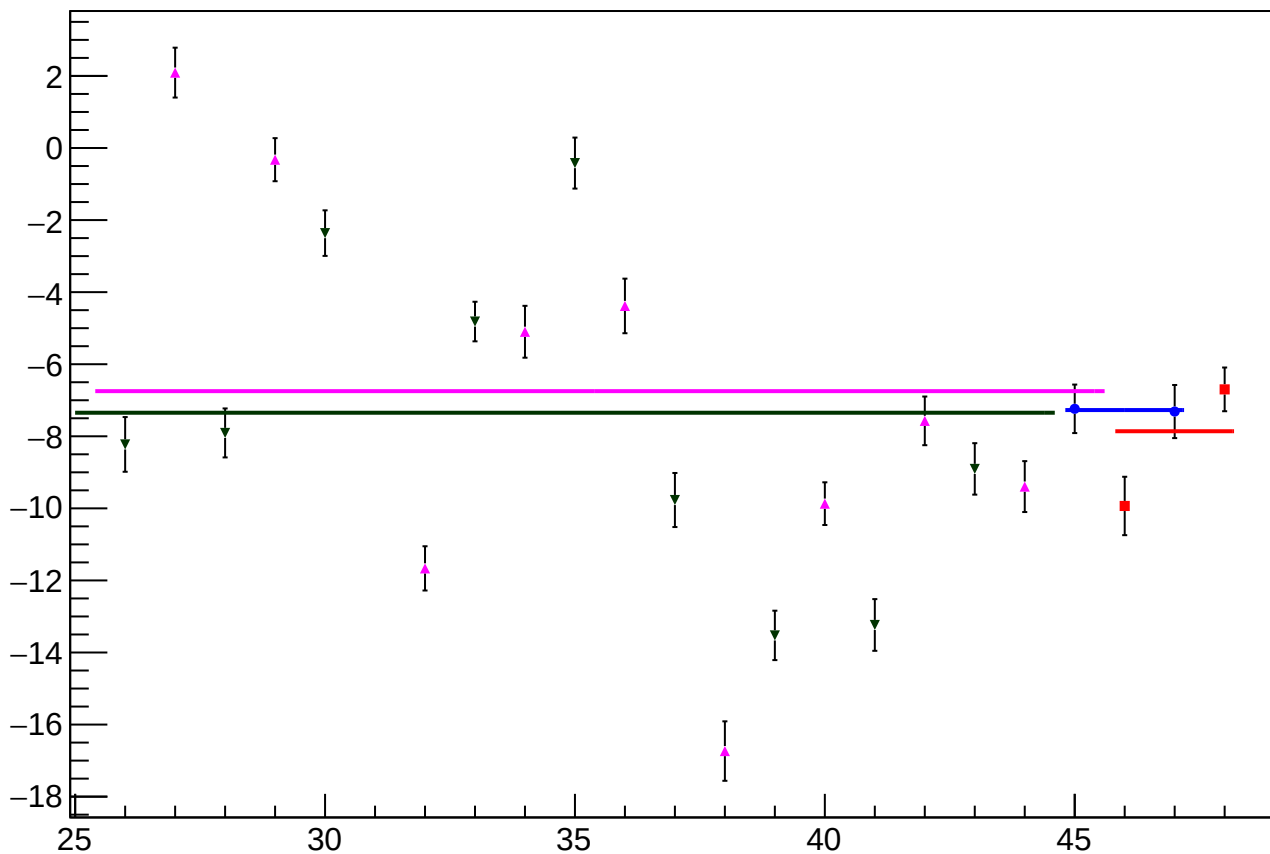
reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



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: 109.825 $\pm$ 2.648 χ^2/NDF : 0.6/1
 Left In: 38.240 $\pm$ 1.083 χ^2/NDF :3520.6/8

68.327 $\pm$ 1.122 χ^2/NDF : 1436.3/10
 48.501 $\pm$ 1.003 χ^2/NDF : 4147.1/10

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -7.272 $\pm$ 0.497 χ^2/NDF : 0.0/1

Left Out: -7.346 $\pm$ 0.226 χ^2/NDF : 345.0/8

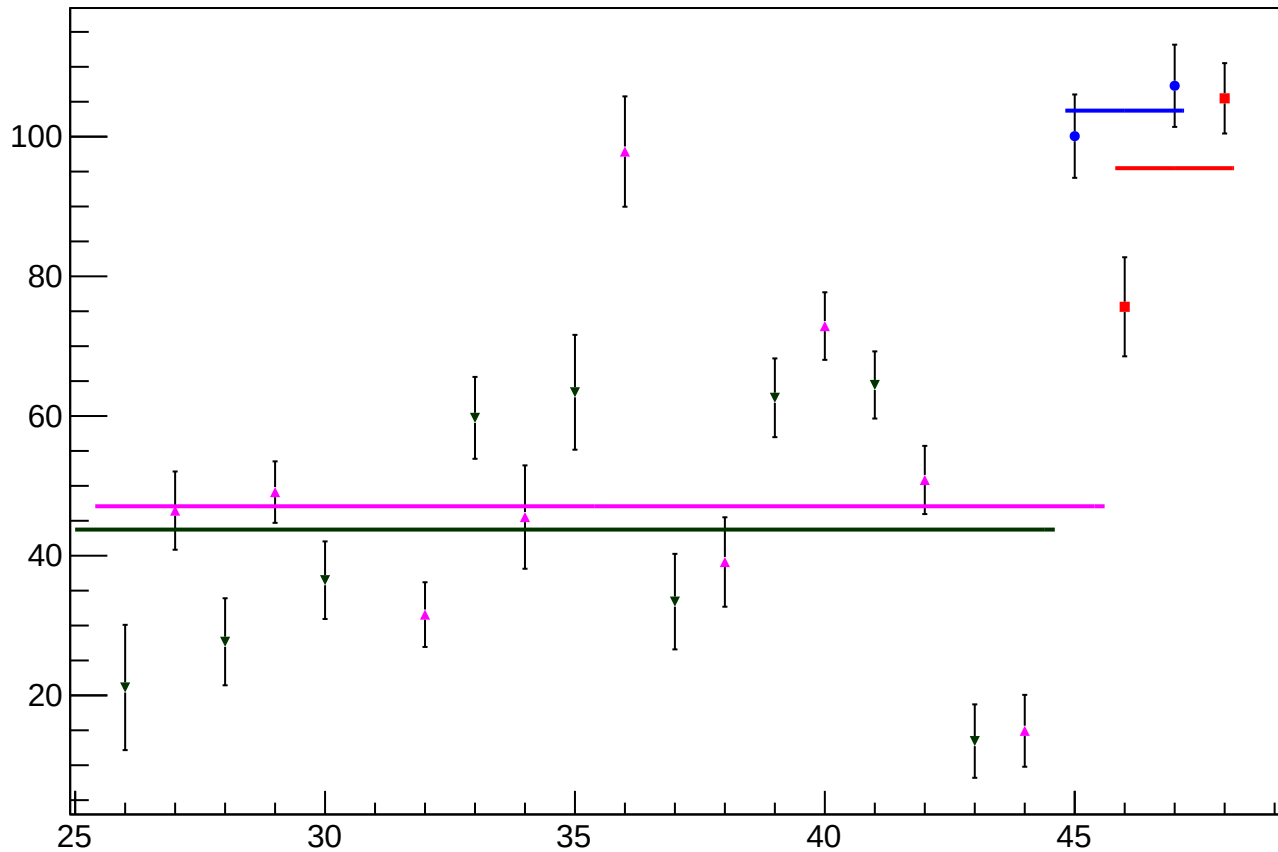
Right Out: -7.860 $\pm$ 0.486 χ^2/NDF : 10.2/1

Left In: -6.747 $\pm$ 0.225 χ^2/NDF : 547.5/8

-7.334 $\pm$ 0.206 χ^2/NDF : 345.0/10

-6.944 $\pm$ 0.204 χ^2/NDF : 562.1/10

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 103.728+/-4.191 χ^2/NDF : 0.7/1

Left Out: 43.740+/-2.013 χ^2/NDF :93.1/8

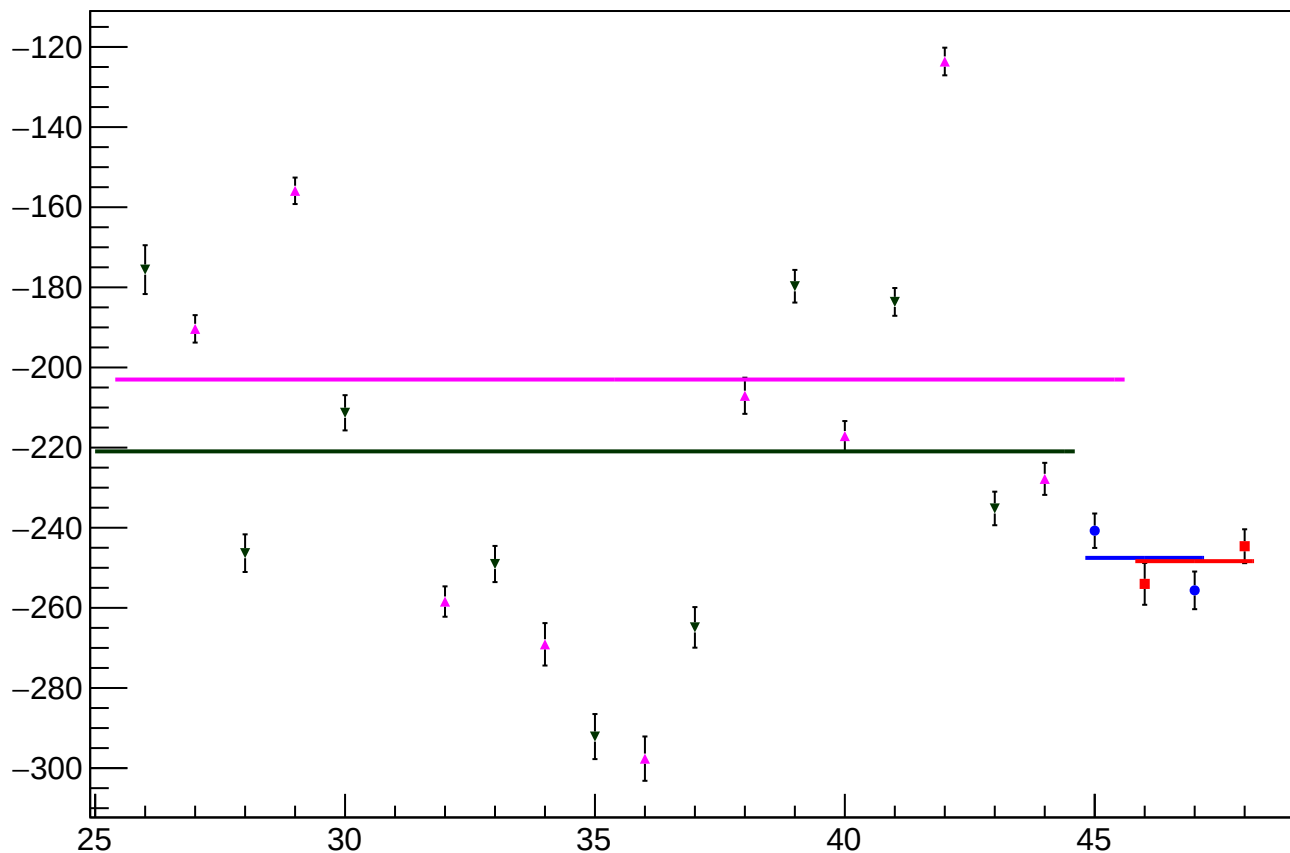
Right Out: 95.486+/-4.106 χ^2/NDF : 11.8/1

Left In: 47.079+/-1.793 χ^2/NDF :122.4/8

54.985+/-1.815 χ^2/NDF : 260.3/10

54.827+/-1.643 χ^2/NDF : 250.9/10

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -247.524 $\pm$ 3.170 χ^2 /NDF: 5.5/1

Left Out: -220.942 $\pm$ 1.501 χ^2 /NDF: 593.2/8

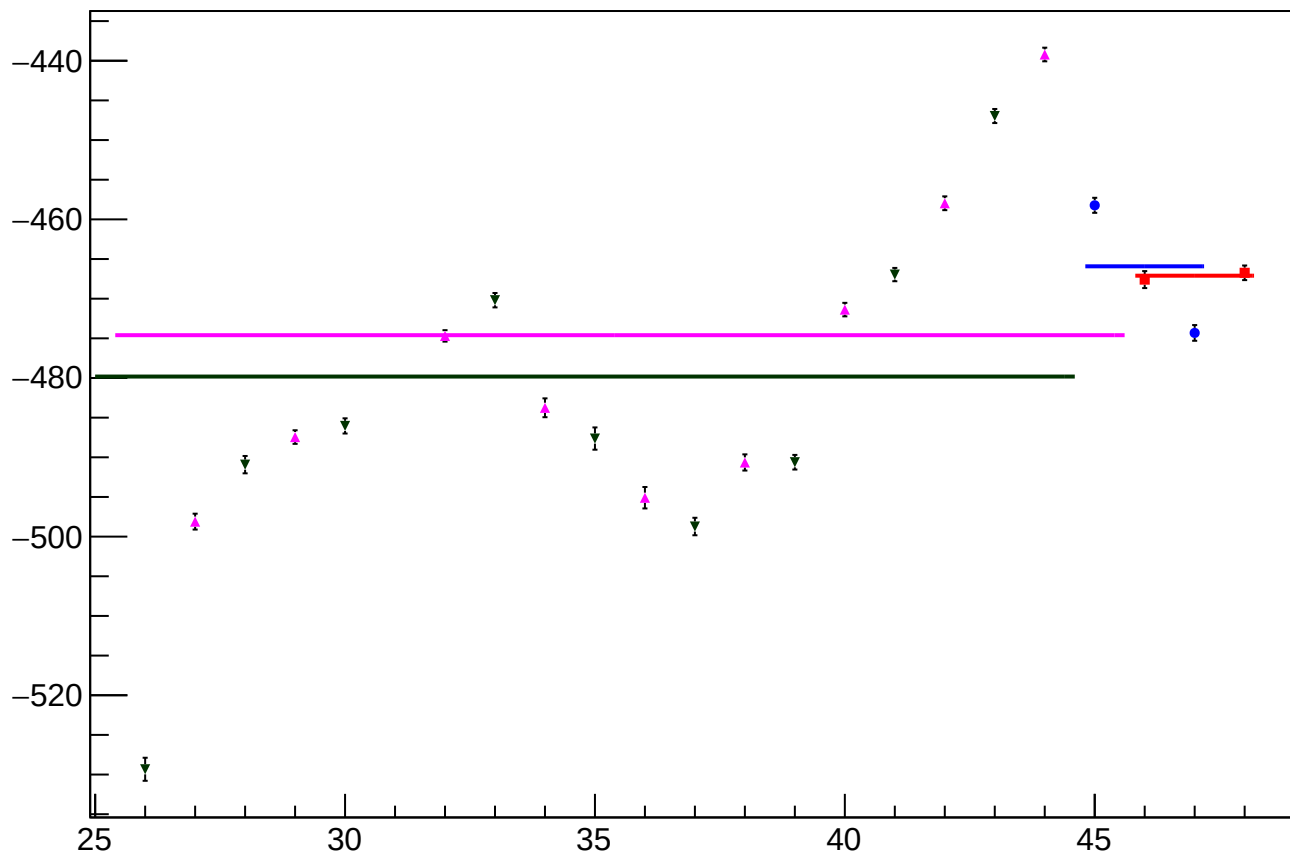
Right Out: -248.344 $\pm$ 3.284 χ^2 /NDF: 2.0/1

Left In: -203.009 $\pm$ 1.312 χ^2 /NDF: 1461.1/8

-225.808 $\pm$ 1.357 χ^2 /NDF: 656.1/10

-209.244 $\pm$ 1.218 χ^2 /NDF: 1627.4/10

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

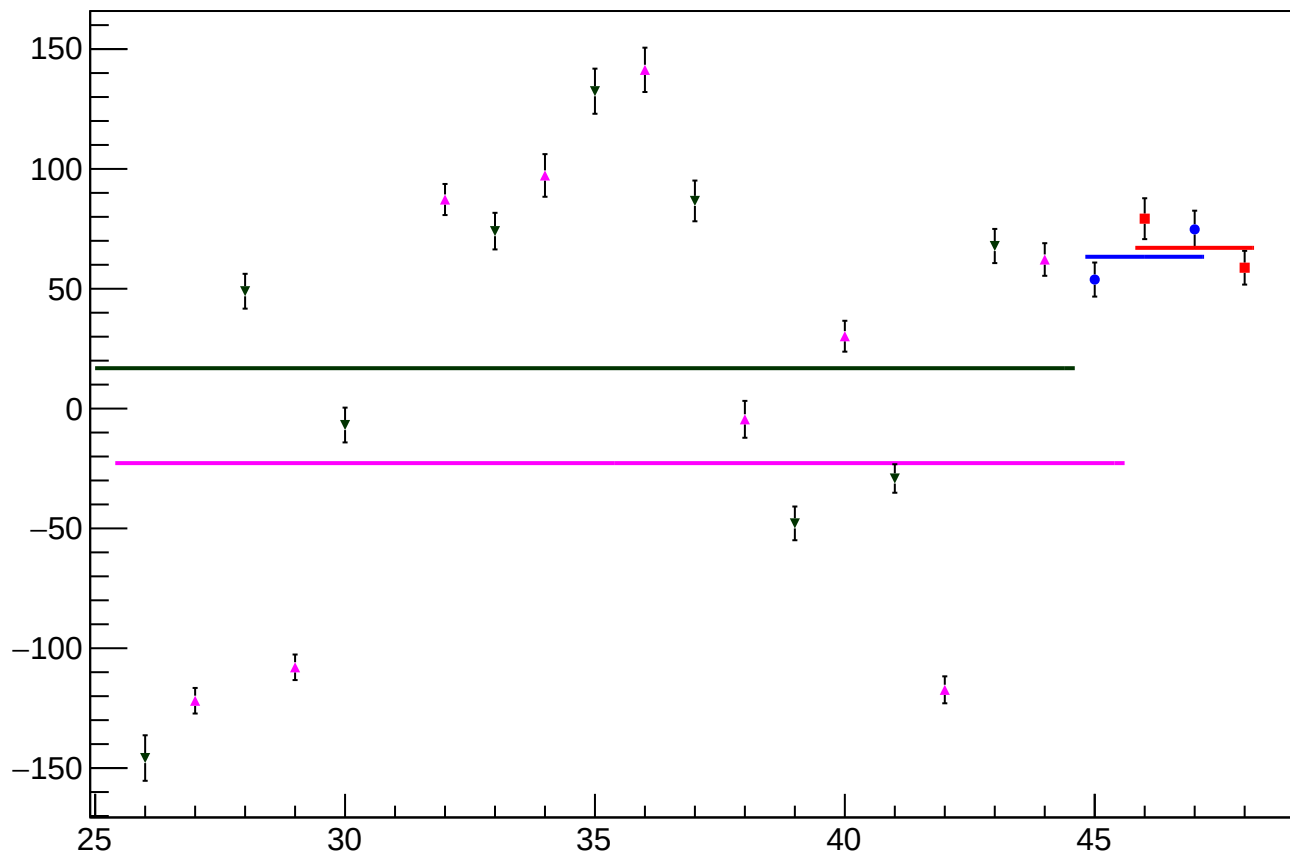
Right Out: -467.101 ± 0.698 χ^2/NDF : 0.4/1

Left In: -474.602 ± 0.308 χ^2/NDF : 3381.8/8

-477.111 ± 0.302 χ^2/NDF : 3957.7/10

-473.380 ± 0.282 χ^2/NDF : 3478.8/10

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 63.342 ± 5.252 χ^2/NDF : 3.9/1

Left Out: 16.850 ± 2.504 χ^2/NDF : 793.7/8

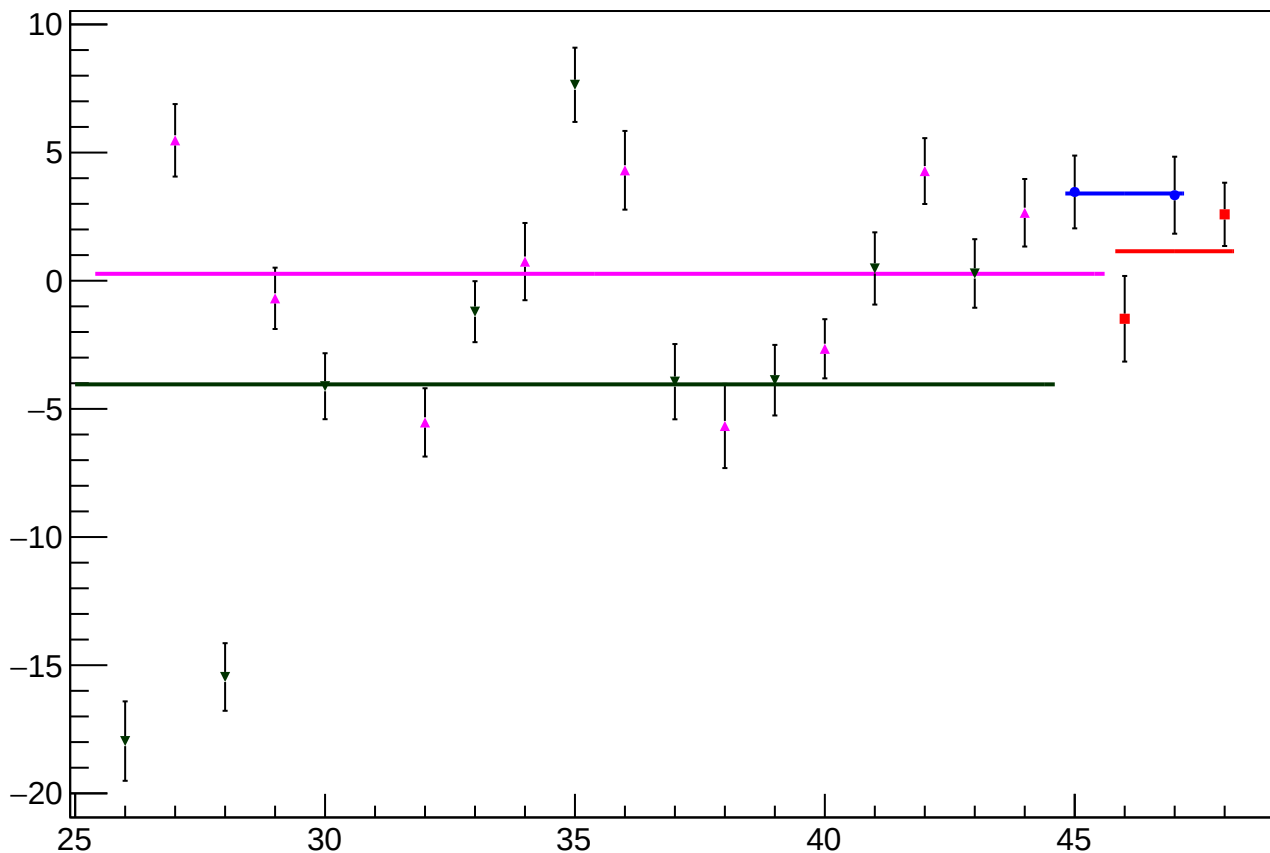
Right Out: 67.073 ± 5.432 χ^2/NDF : 3.4/1

Left In: -22.758 ± 2.169 χ^2/NDF : 1896.5/8

25.461 ± 2.260 χ^2/NDF : 861.5/10

-10.403 ± 2.014 χ^2/NDF : 2135.8/10

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 3.403+/-1.032 χ^2/NDF : 0.0/1

Left Out: -4.043+/-0.455 χ^2/NDF : 247.2/8

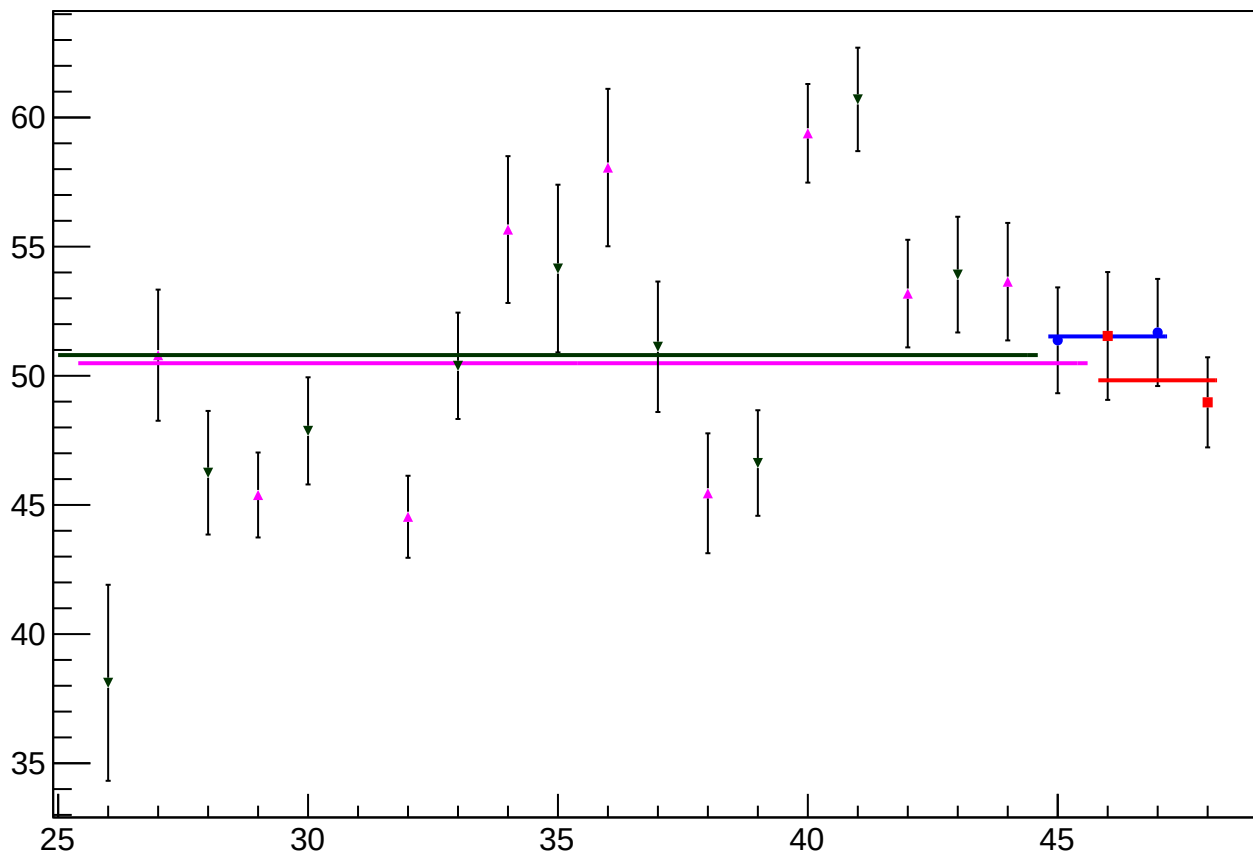
Right Out: 1.151+/-0.993 χ^2/NDF : 3.8/1

Left In: 0.270+/-0.450 χ^2/NDF : 72.6/8

-2.831+/-0.416 χ^2/NDF : 290.8/10

0.420+/-0.410 χ^2/NDF : 77.1/10

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

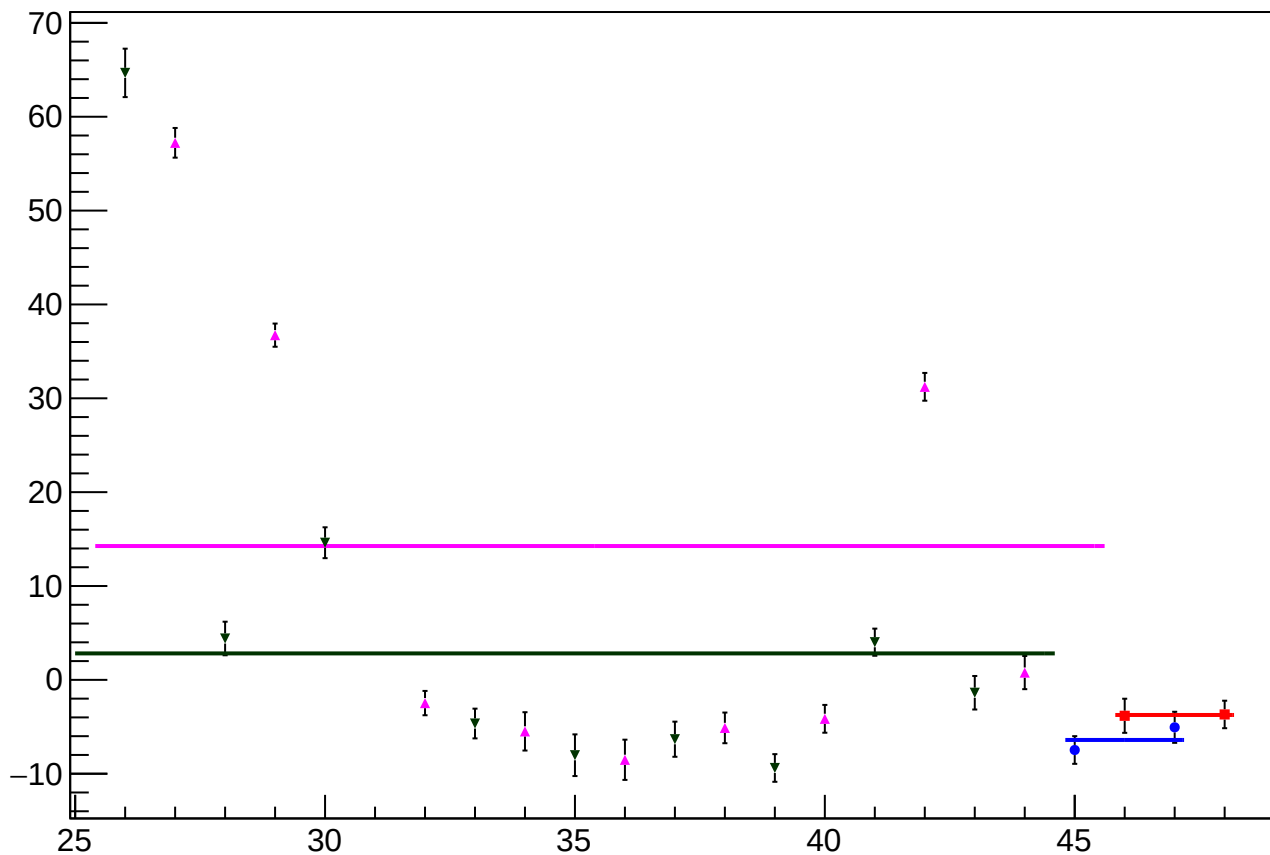
Right Out: 49.825+/-1.426 χ^2/NDF : 0.7/1

Left In: 50.487+/-0.701 χ^2/NDF : 63.2/8

50.962+/-0.686 χ^2/NDF : 48.7/10

50.358+/-0.629 χ^2/NDF : 64.1/10

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

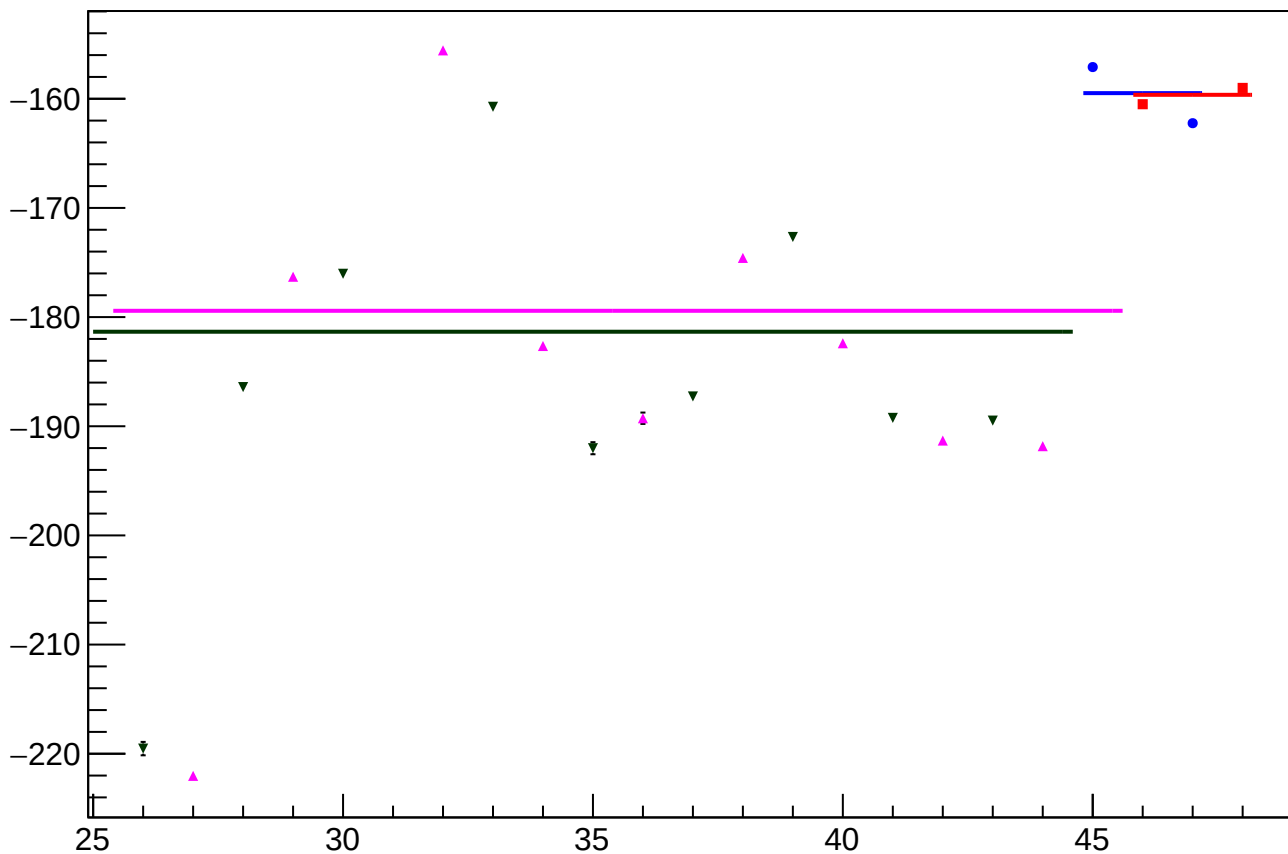
Right Out: -3.741+/-1.141 χ^2/NDF : 0.0/1

Left In: 14.260+/-0.519 χ^2/NDF : 1925.9/8

0.815+/-0.513 χ^2/NDF : 827.7/10

11.174+/-0.472 χ^2/NDF : 2132.2/10

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

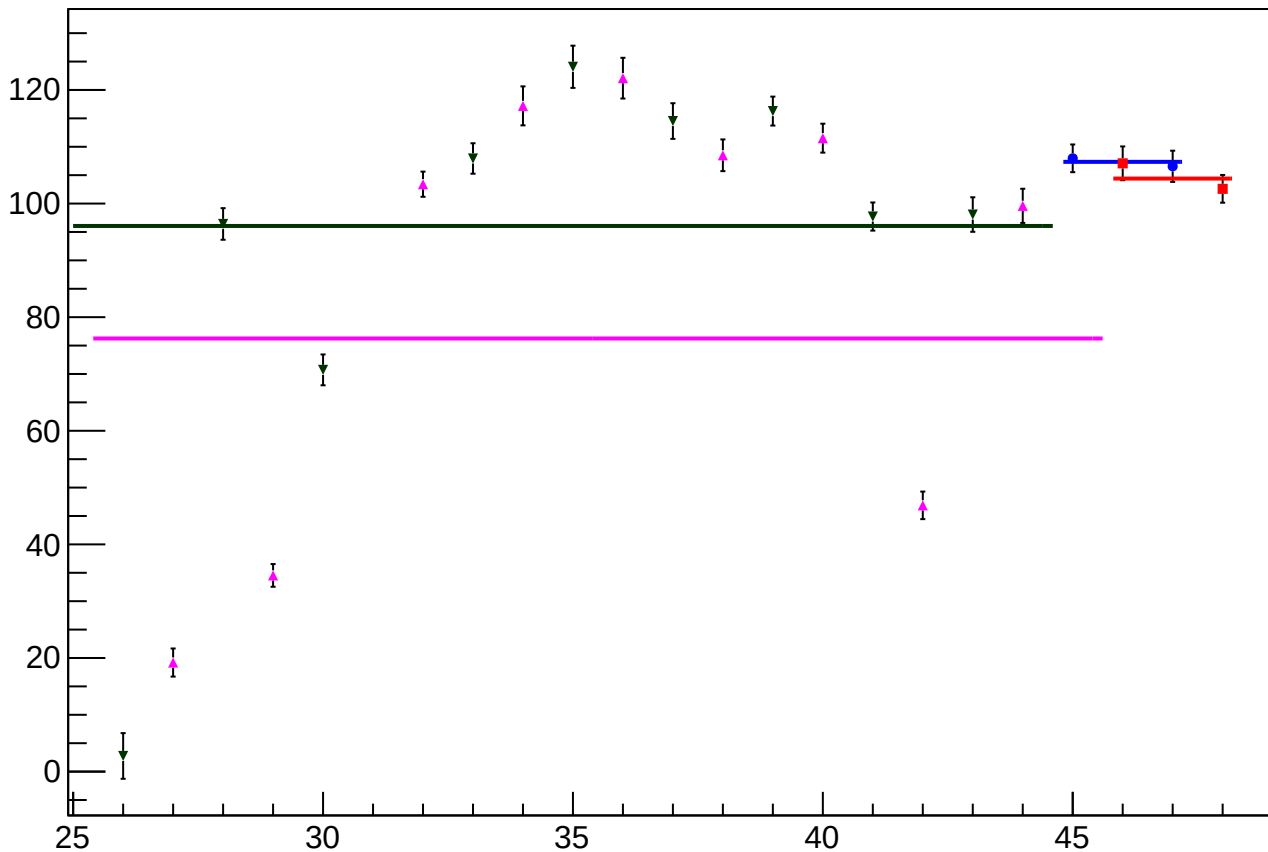
Right Out: -159.638 ± 0.243 χ^2/NDF : 9.2/1

Left In: -179.424 ± 0.120 χ^2/NDF : 21031.4/8

-176.338 ± 0.114 χ^2/NDF : 17251.0/10

-175.565 ± 0.107 χ^2/NDF : 26380.1/10

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 107.345+/-1.824 χ^2/NDF : 0.1/1

Left Out: 96.058+/-0.969 χ^2/NDF :800.7/8

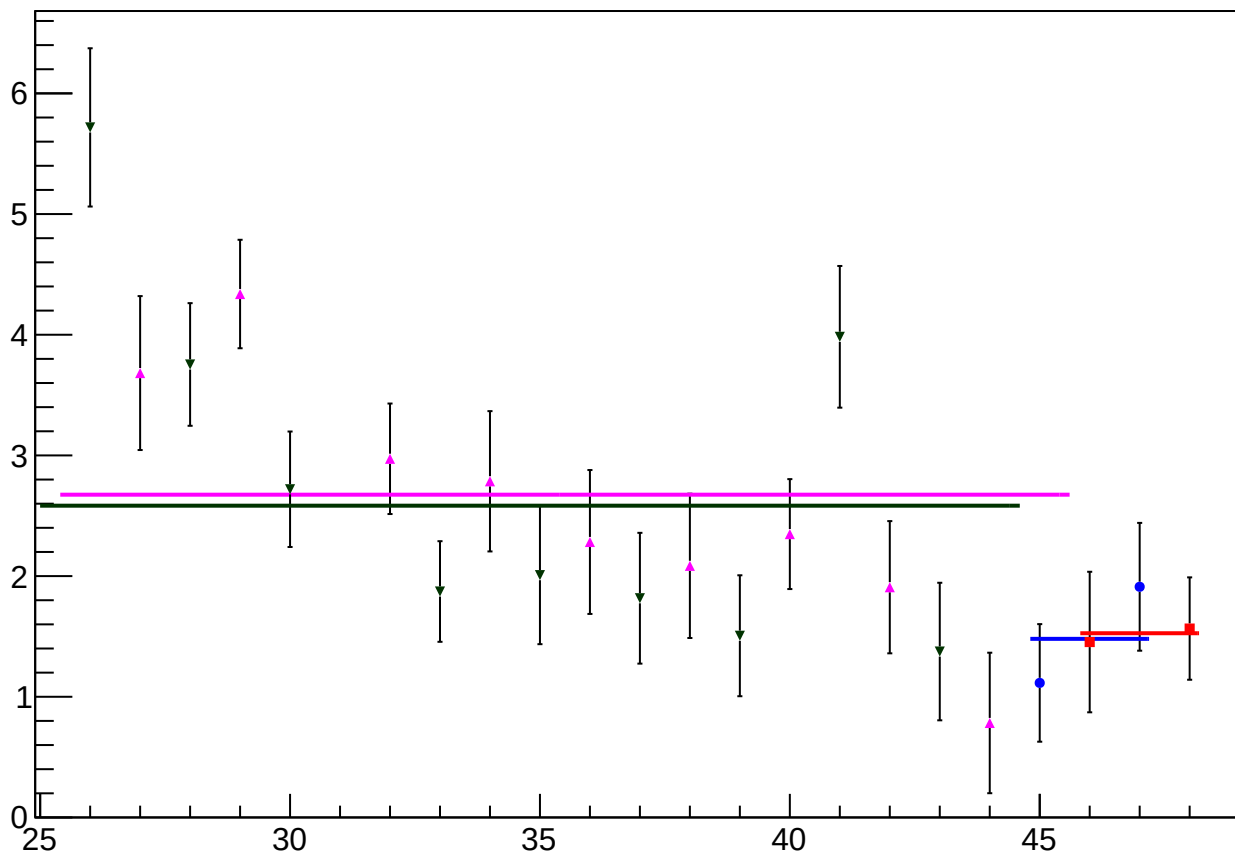
Right Out: 104.401+/-1.887 χ^2/NDF : 1.4/1

Left In: 76.247+/-0.863 χ^2/NDF :1954.9/8

98.542+/-0.856 χ^2/NDF : 830.8/10

81.117+/-0.785 χ^2/NDF : 2140.3/10

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

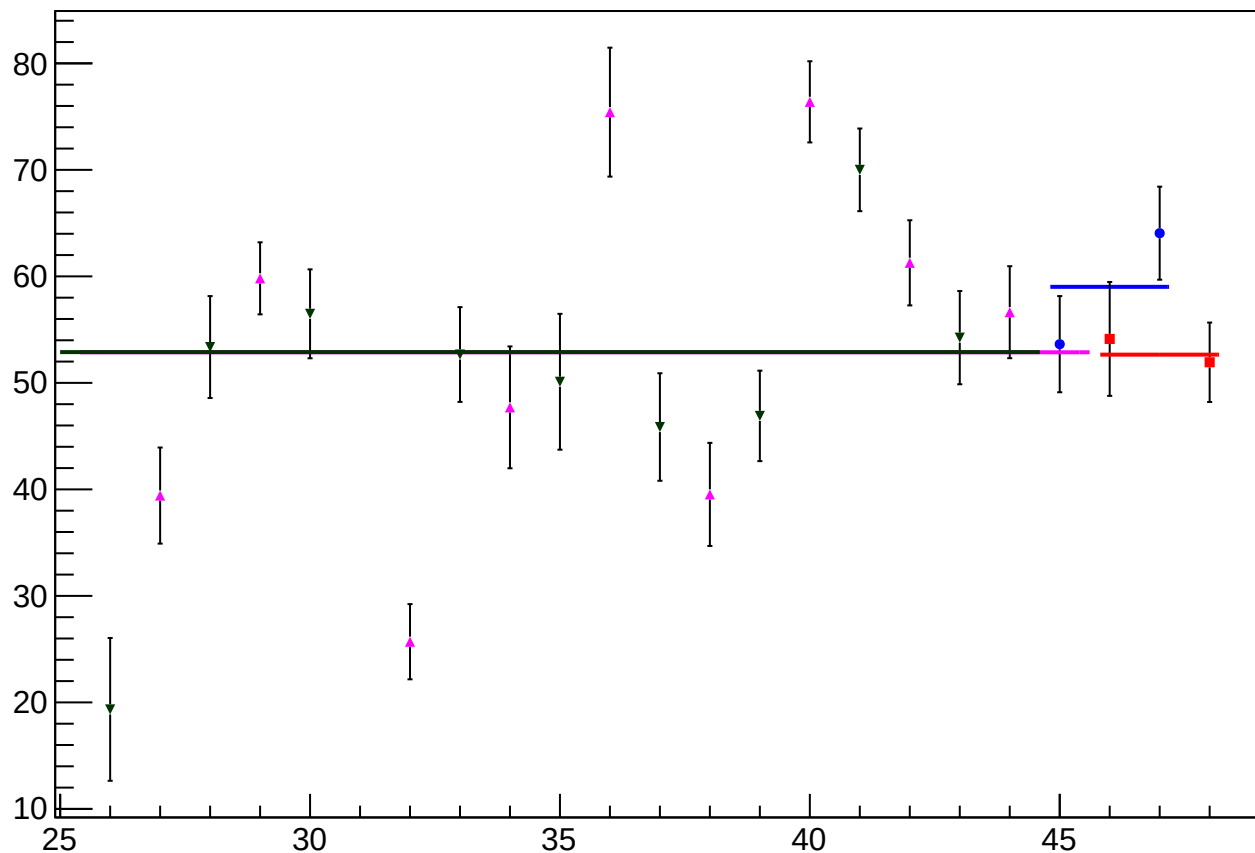
Right Out: 1.527 $\pm$ 0.343 χ^2 /NDF: 0.0/1

Left In: 2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.372 $\pm$ 0.157 χ^2 /NDF: 57.8/10

2.433 $\pm$ 0.157 χ^2 /NDF: 40.0/10

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 59.017+/-3.139 χ^2 /NDF: 2.8/1

Left Out: 52.889+/-1.558 χ^2 /NDF: 49.5/8

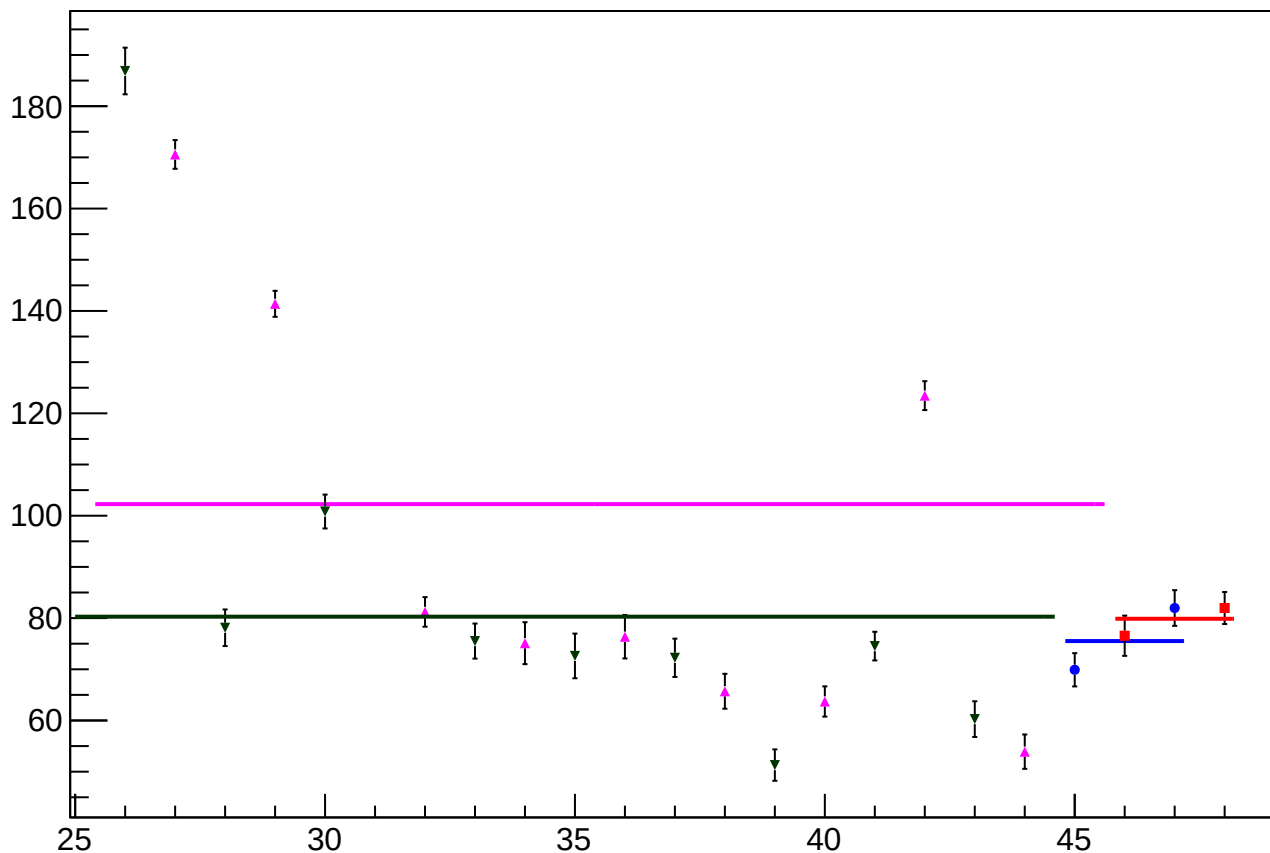
Right Out: 52.651+/-3.058 χ^2 /NDF: 0.1/1

Left In: 52.872+/-1.411 χ^2 /NDF: 137.9/8

54.101+/-1.396 χ^2 /NDF: 55.3/10

52.833+/-1.281 χ^2 /NDF: 138.0/10

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

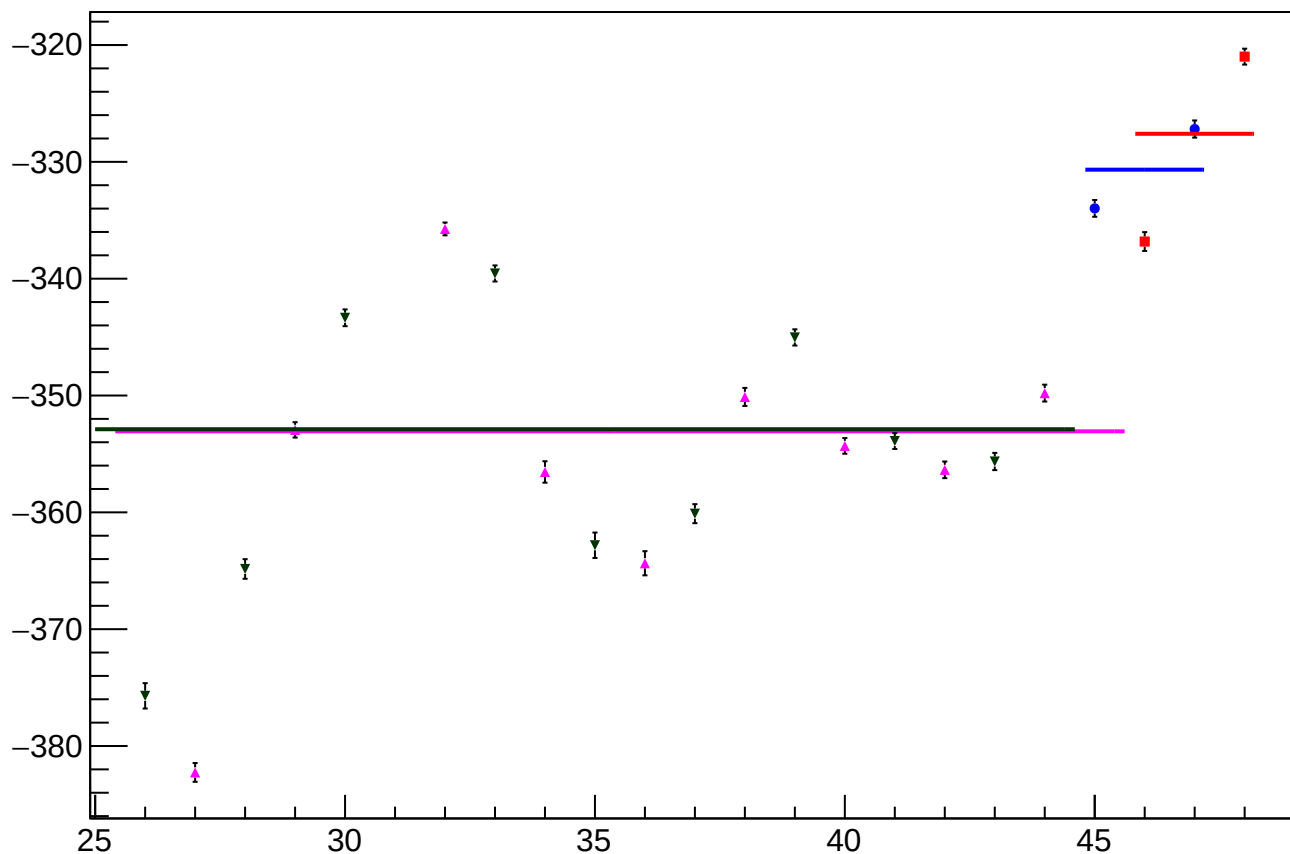
Right Out: 79.868 $\pm$ 2.448 χ^2/NDF : 1.2/1

Left In: 102.261 $\pm$ 1.036 χ^2/NDF : 1514.4/8

79.362 $\pm$ 1.042 χ^2/NDF : 732.3/10

98.860 $\pm$ 0.954 χ^2/NDF : 1586.5/10

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

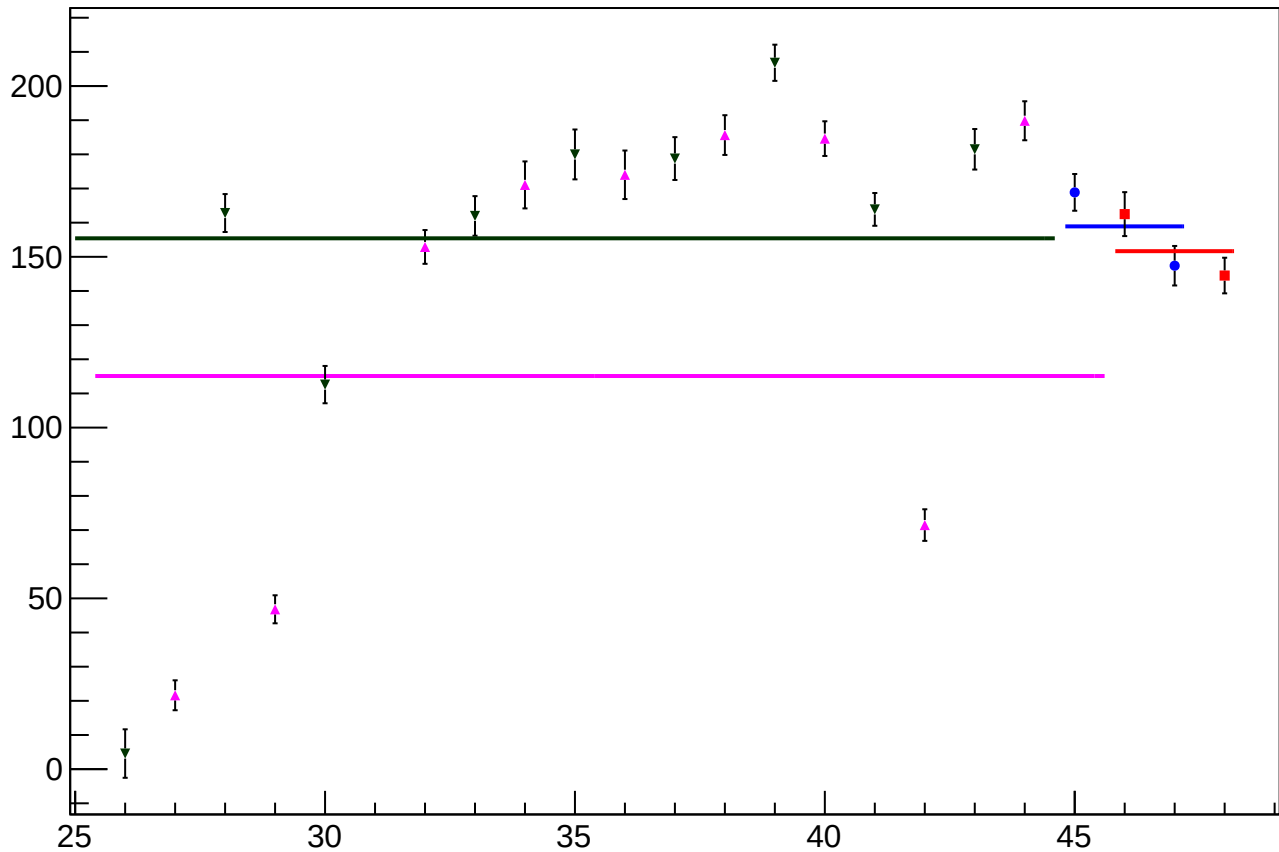
Right Out: -327.597+/-0.521 χ^2/NDF : 224.5/1

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

-348.345+/-0.232 χ^2/NDF : 3035.3/10

-348.544+/-0.219 χ^2/NDF : 4698.9/10

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

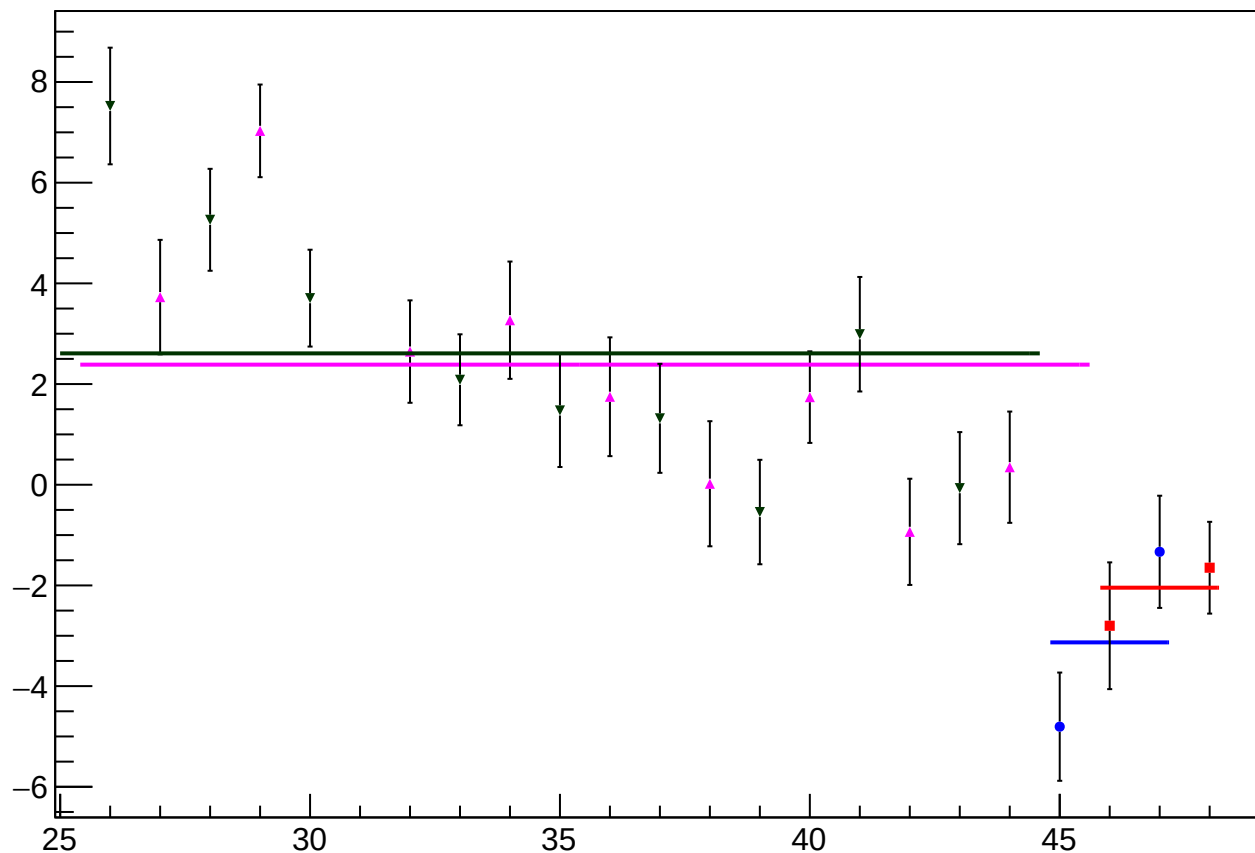
Right Out: 151.654 $\pm$ 4.051 χ^2 /NDF: 4.7/1

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

156.096 $\pm$ 1.736 χ^2 /NDF: 665.8/10

120.672 $\pm$ 1.581 χ^2 /NDF: 1594.0/10

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 $\chi^2/\text{NDF}: 44.1/8$

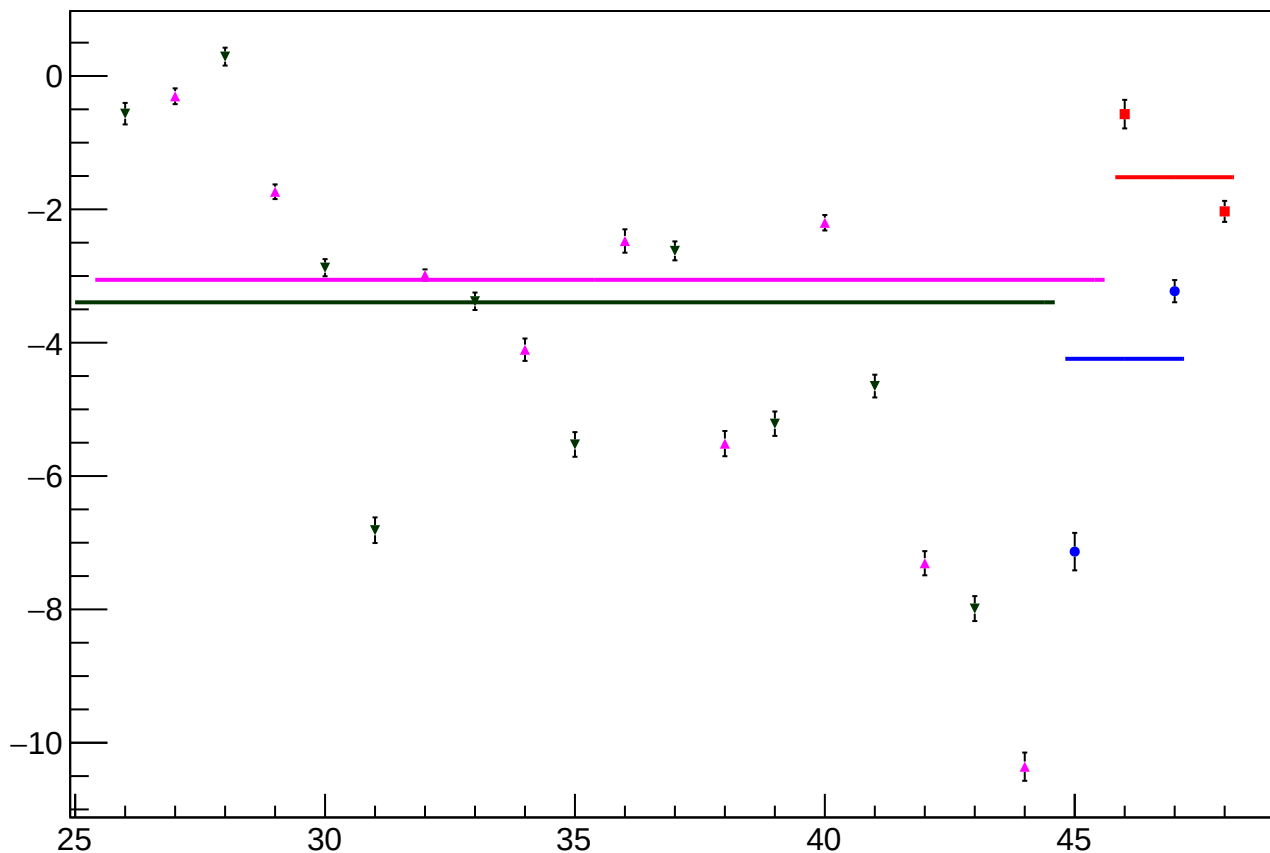
Right Out: -2.045 ± 0.738 $\chi^2/\text{NDF}: 0.6/1$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

1.636 ± 0.319 $\chi^2/\text{NDF}: 94.8/10$

1.555 ± 0.320 $\chi^2/\text{NDF}: 75.0/10$

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

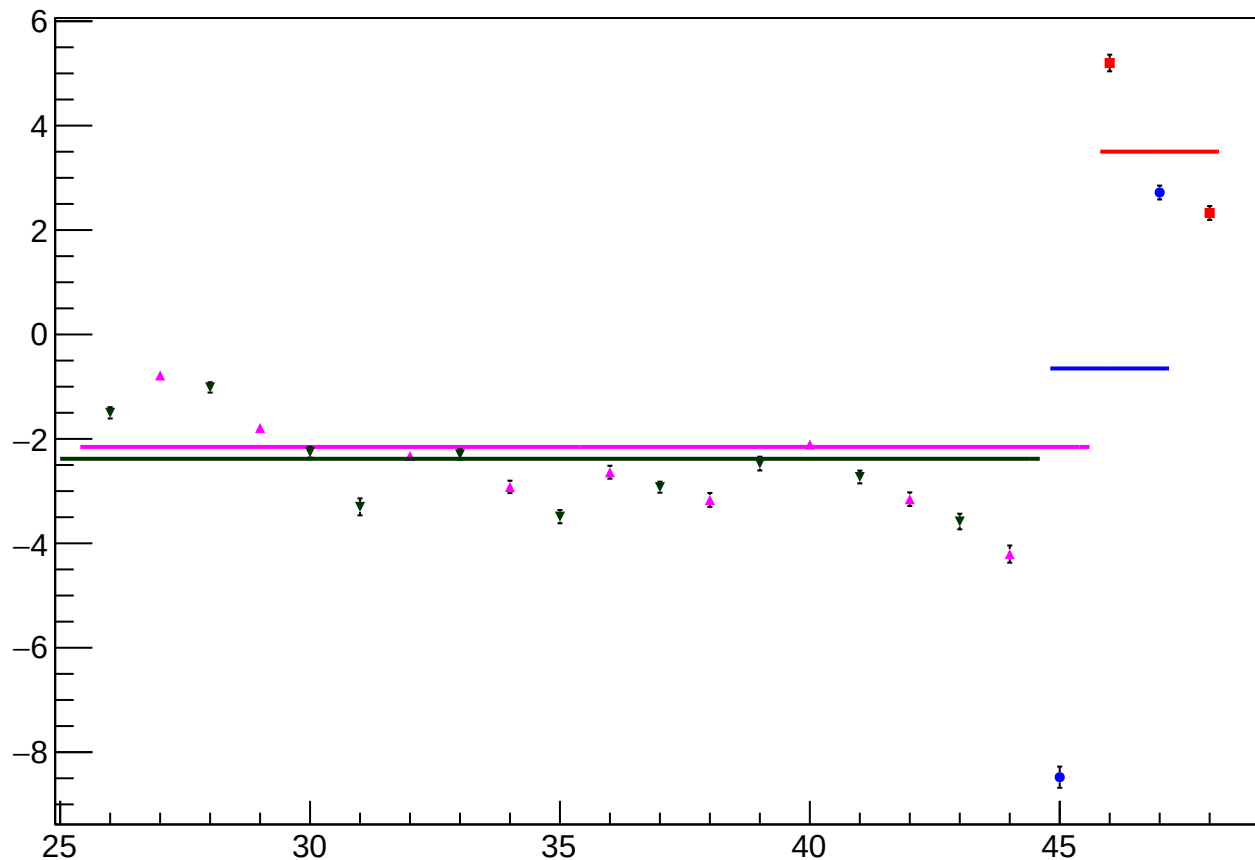
Right Out: -1.518 ± 0.127 χ^2/NDF : 30.1/1

Left In: -3.057 ± 0.044 χ^2/NDF : 2696.4/8

-3.484 ± 0.047 χ^2/NDF : 2484.7/11

-2.892 ± 0.042 χ^2/NDF : 2857.6/10

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

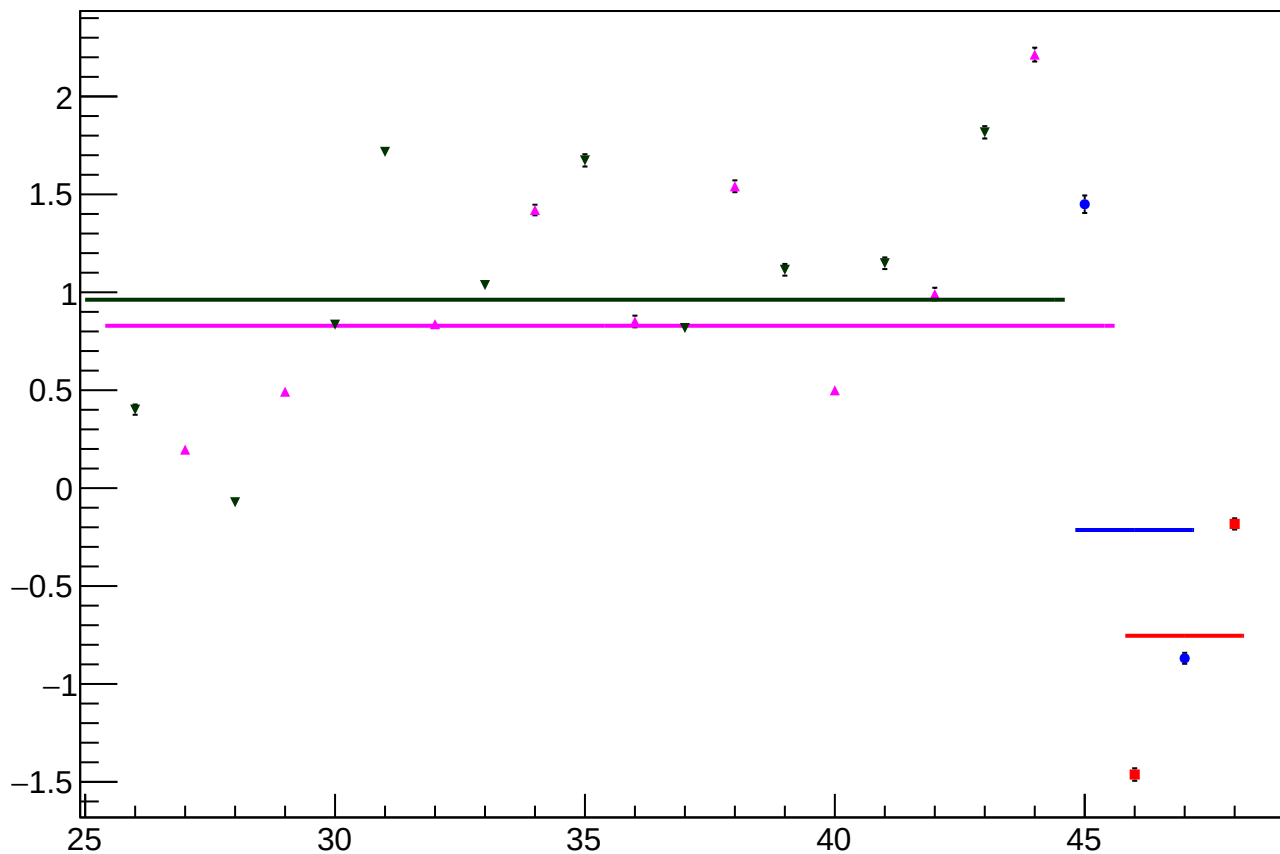
Right Out: 3.502+/-0.102 χ^2/NDF : 191.7/1

Left In: -2.154+/-0.032 χ^2/NDF : 703.0/8

-2.211+/-0.035 χ^2/NDF : 2808.9/11

-1.633+/-0.031 χ^2/NDF : 3686.3/10

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.214±/0.024 χ^2/NDF : 1923.7/1

Left Out: 0.962±/0.008 χ^2/NDF : 4690.6/9

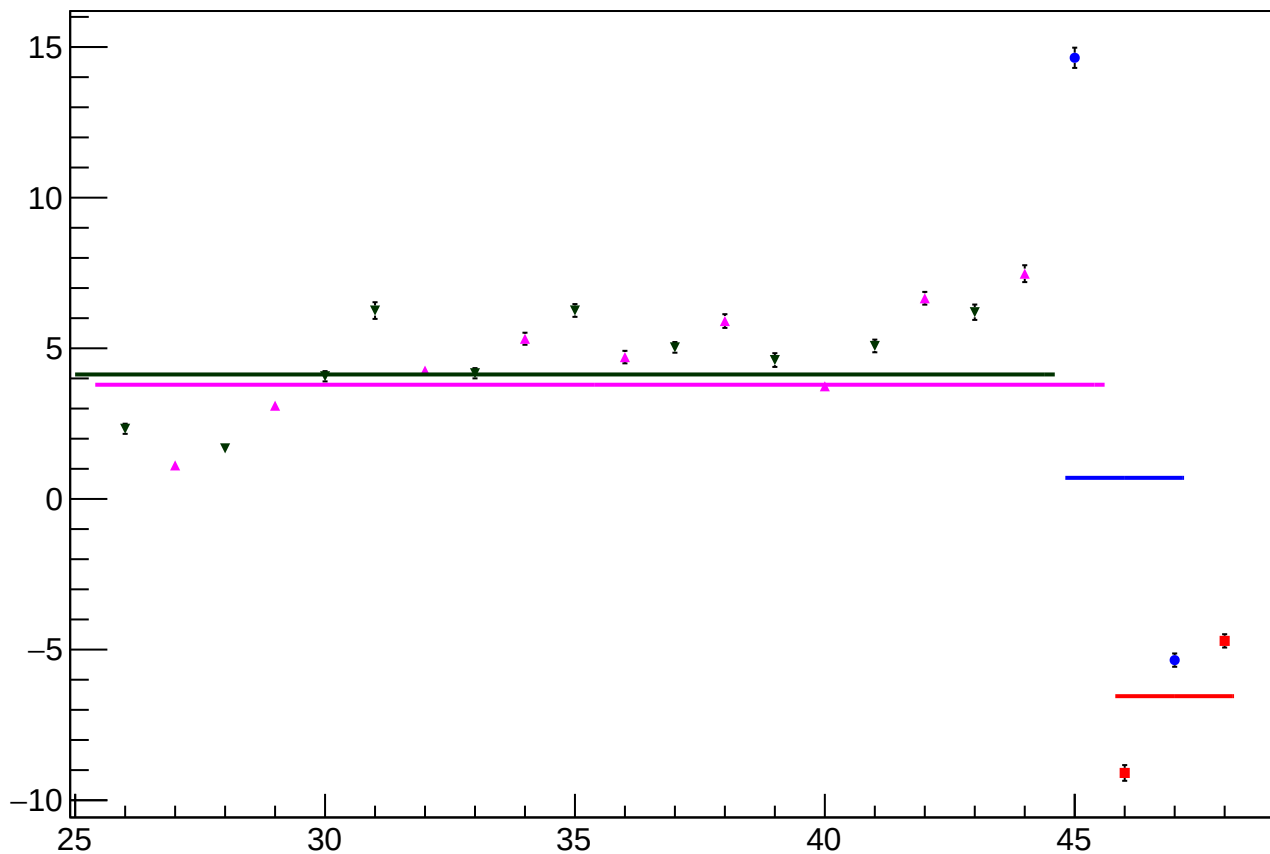
Right Out: -0.754±/0.021 χ^2/NDF : 887.0/1

Left In: 0.829±/0.007 χ^2/NDF : 3974.9/8

0.843±/0.008 χ^2/NDF : 8808.3/11

0.657±/0.007 χ^2/NDF : 9757.9/10

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: 0.701 $\pm$ 0.185 χ^2 /NDF: 2471.7/1

Left Out: 4.132 $\pm$ 0.061 χ^2 /NDF: 639.2/9

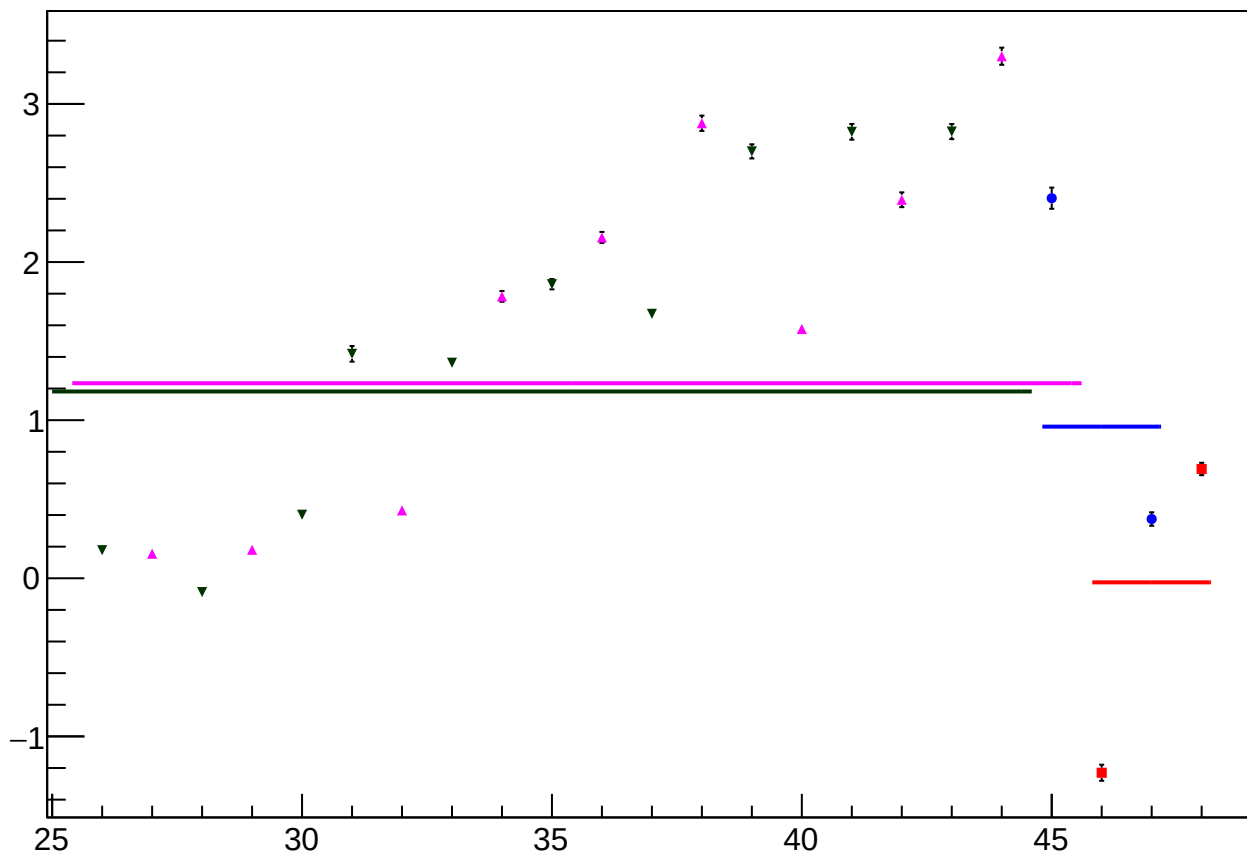
Right Out: -6.546 $\pm$ 0.169 χ^2 /NDF: 164.2/1

Left In: 3.791 $\pm$ 0.054 χ^2 /NDF: 1110.0/8

3.796 $\pm$ 0.058 χ^2 /NDF: 3422.1/11

2.840 $\pm$ 0.051 χ^2 /NDF: 4681.6/10

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

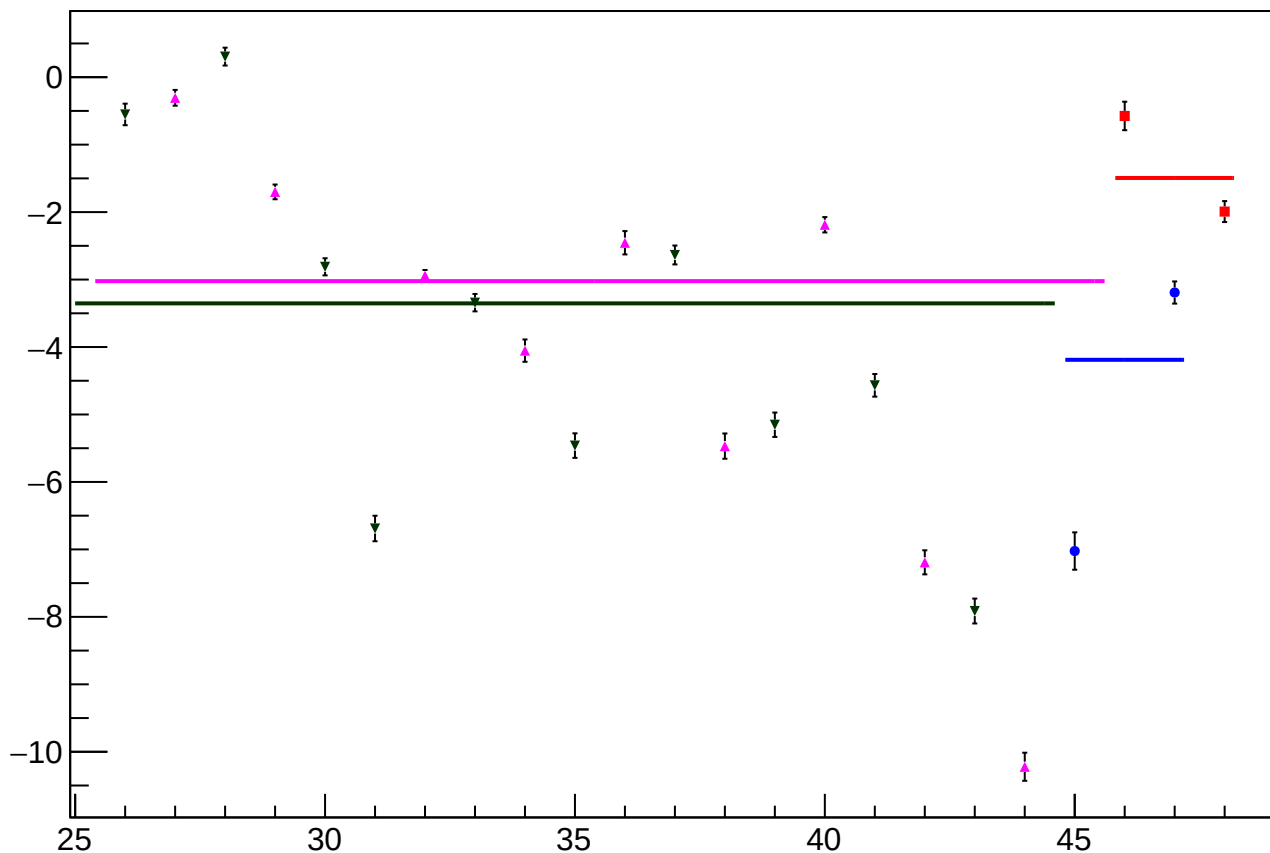
Right Out: -0.026 $\pm$ 0.031 χ^2 /NDF: 893.9/1

Left In: 1.234 $\pm$ 0.011 χ^2 /NDF: 7862.9/8

1.163 $\pm$ 0.010 χ^2 /NDF: 8811.9/11

1.090 $\pm$ 0.010 χ^2 /NDF: 10211.5/10

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

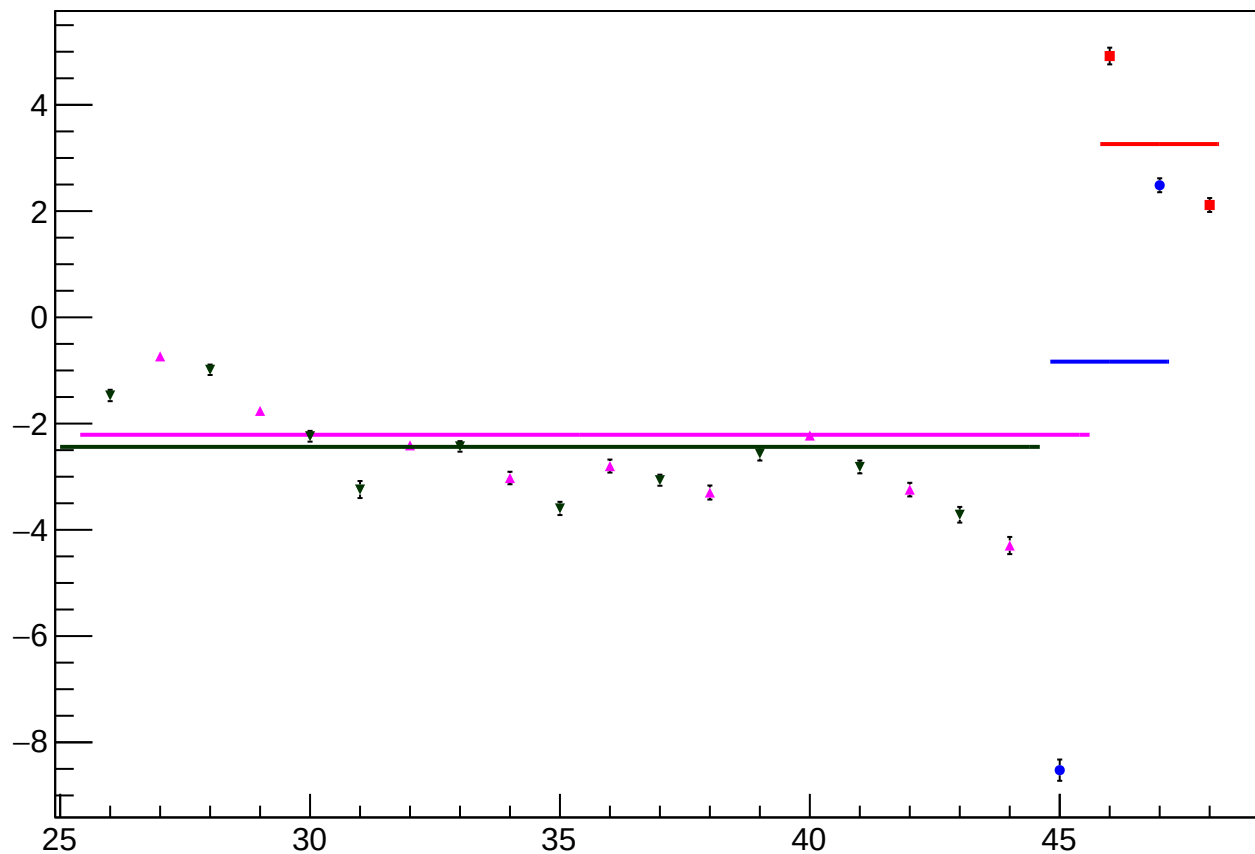
Right Out: -1.494 ± 0.125 χ^2/NDF : 29.2/1

Left In: -3.023 ± 0.043 χ^2/NDF : 2702.0/8

-3.442 ± 0.046 χ^2/NDF : 2493.7/11

-2.859 ± 0.041 χ^2/NDF : 2864.4/10

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

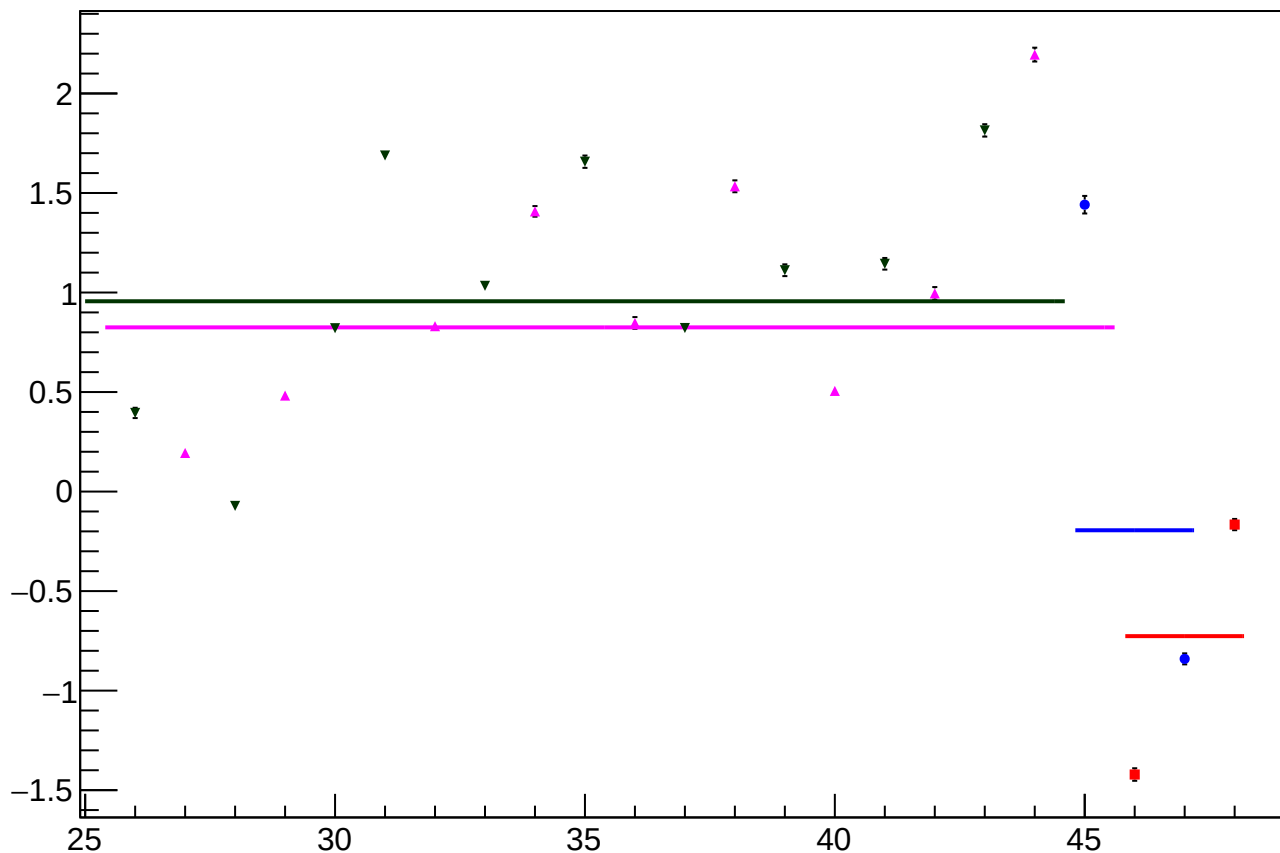
Right Out: 3.262 ± 0.101 χ^2/NDF : 188.0/1

Left In: -2.211 ± 0.032 χ^2/NDF : 822.7/8

-2.280 ± 0.034 χ^2/NDF : 2845.7/11

-1.705 ± 0.031 χ^2/NDF : 3698.5/10

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.194 ± 0.023 $\chi^2/\text{NDF}: 1917.3/1$

Left Out: 0.956 ± 0.008 $\chi^2/\text{NDF}: 4739.0/9$

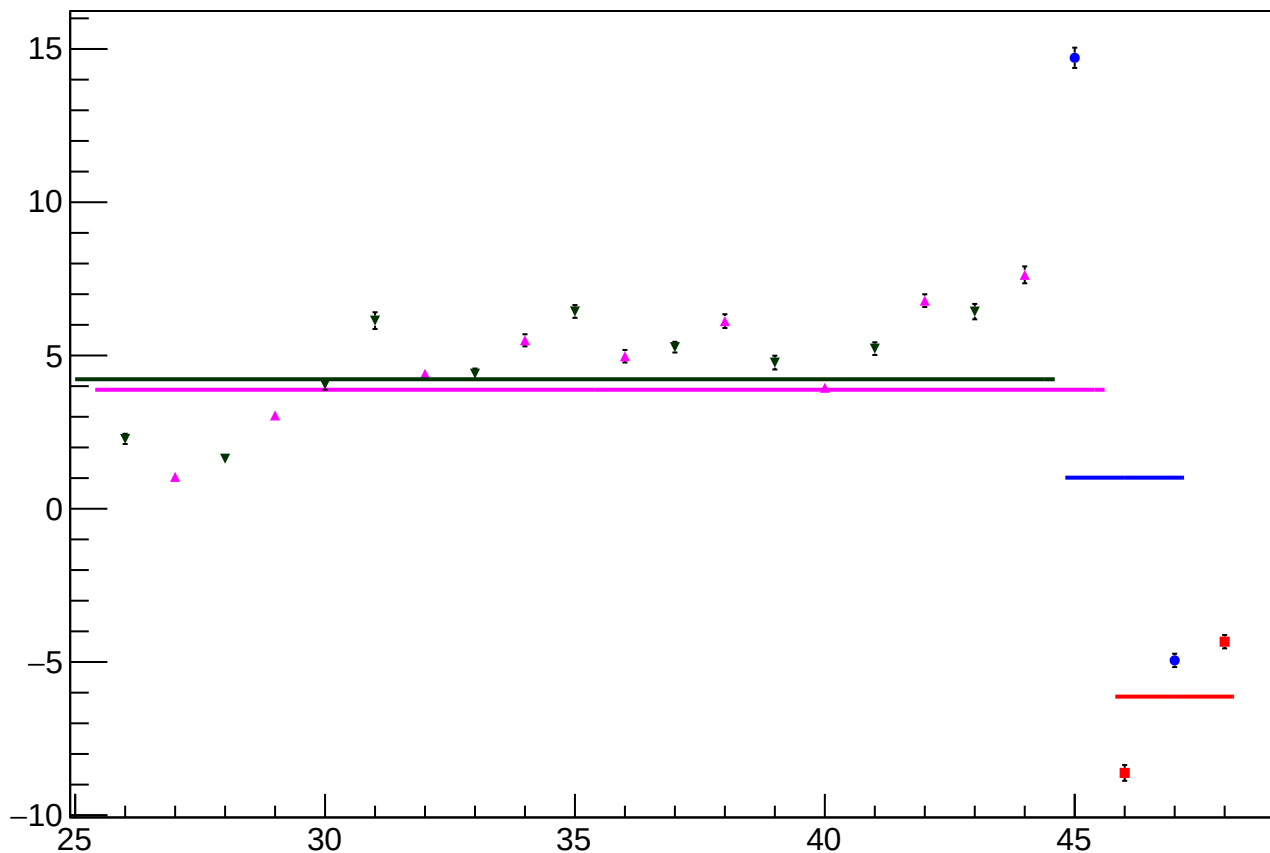
Right Out: -0.726 ± 0.021 $\chi^2/\text{NDF}: 878.5/1$

Left In: 0.825 ± 0.007 $\chi^2/\text{NDF}: 4028.9/8$

0.840 ± 0.007 $\chi^2/\text{NDF}: 8815.2/11$

0.656 ± 0.007 $\chi^2/\text{NDF}: 9742.4/10$

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

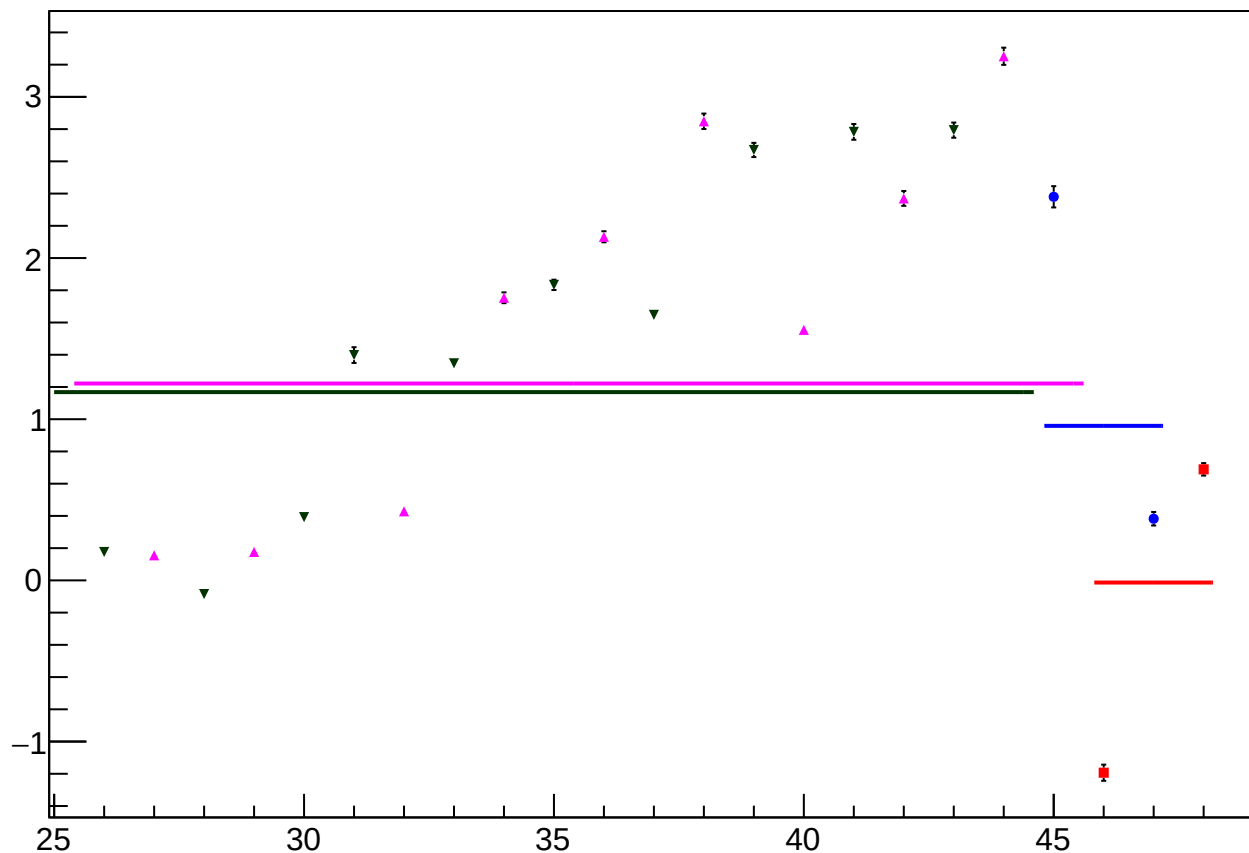
Right Out: -6.129+/-0.166 χ^2/NDF : 161.2/1

Left In: 3.882+/-0.053 χ^2/NDF : 1263.9/8

3.910+/-0.057 χ^2/NDF : 3467.7/11

2.959+/-0.051 χ^2/NDF : 4712.1/10

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: 0.959+/-0.035 χ^2/NDF : 652.0/1

Left Out: 1.168+/-0.011 χ^2/NDF : 8132.7/9

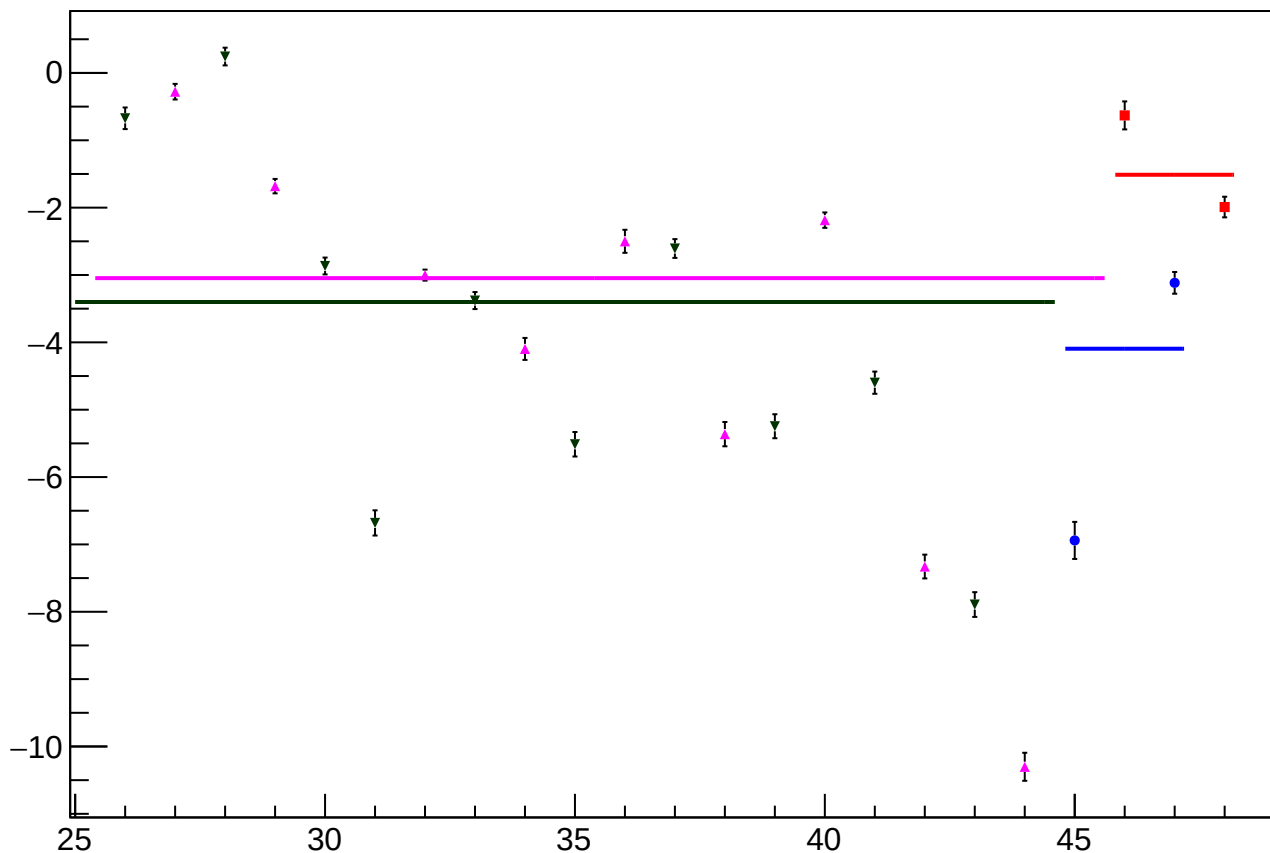
Right Out: -0.013+/-0.031 χ^2/NDF : 882.9/1

Left In: 1.222+/-0.011 χ^2/NDF : 7856.1/8

1.151+/-0.010 χ^2/NDF : 8816.7/11

1.080+/-0.010 χ^2/NDF : 10178.0/10

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug

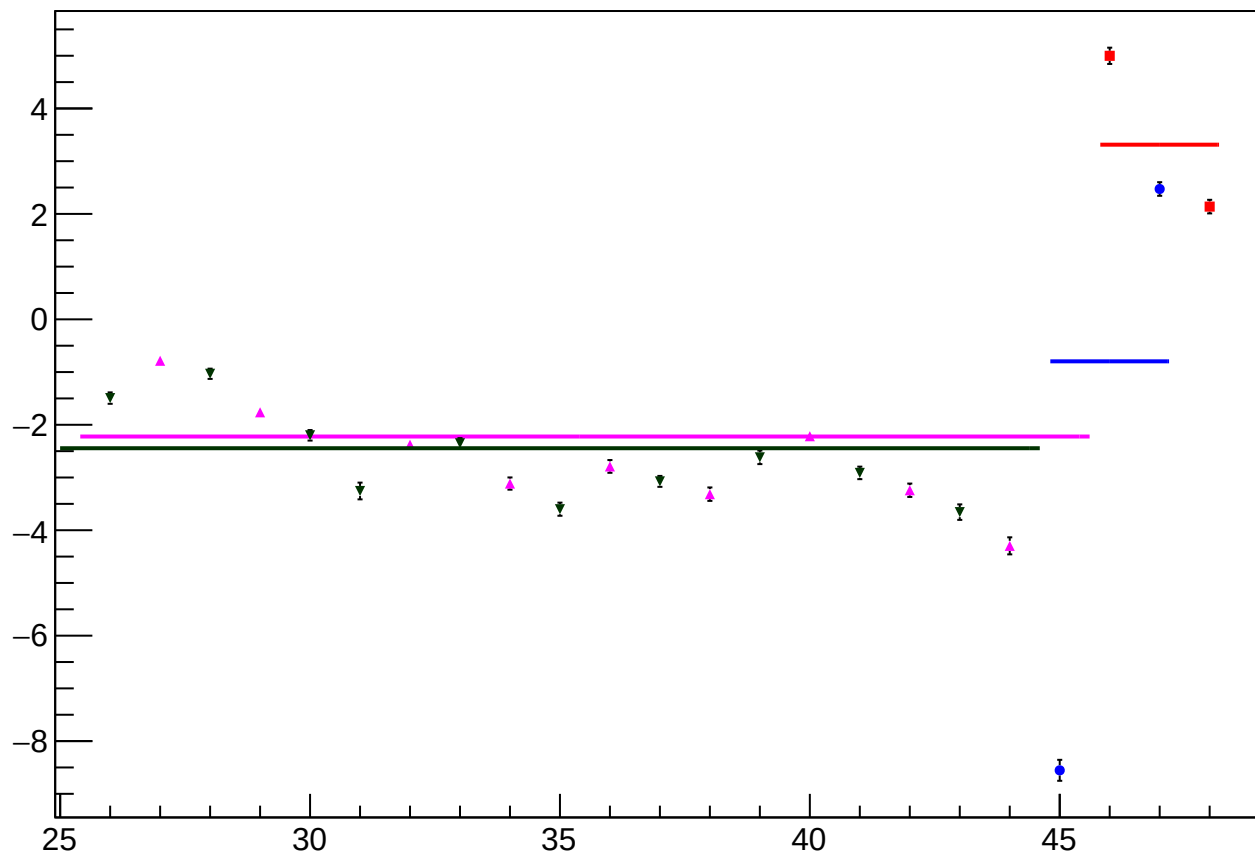


Right In: -4.095 ± 0.139 $\chi^2/\text{NDF}: 143.7/1$
 Left Out: -3.401 ± 0.048 $\chi^2/\text{NDF}: 2306.6/9$
 Right Out: -1.512 ± 0.123 $\chi^2/\text{NDF}: 27.7/1$
 Left In: -3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.9/8$

-3.475 ± 0.046 $\chi^2/\text{NDF}: 2472.5/11$

-2.881 ± 0.040 $\chi^2/\text{NDF}: 2973.6/10$

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 $\chi^2/\text{NDF}: 529.3/9$

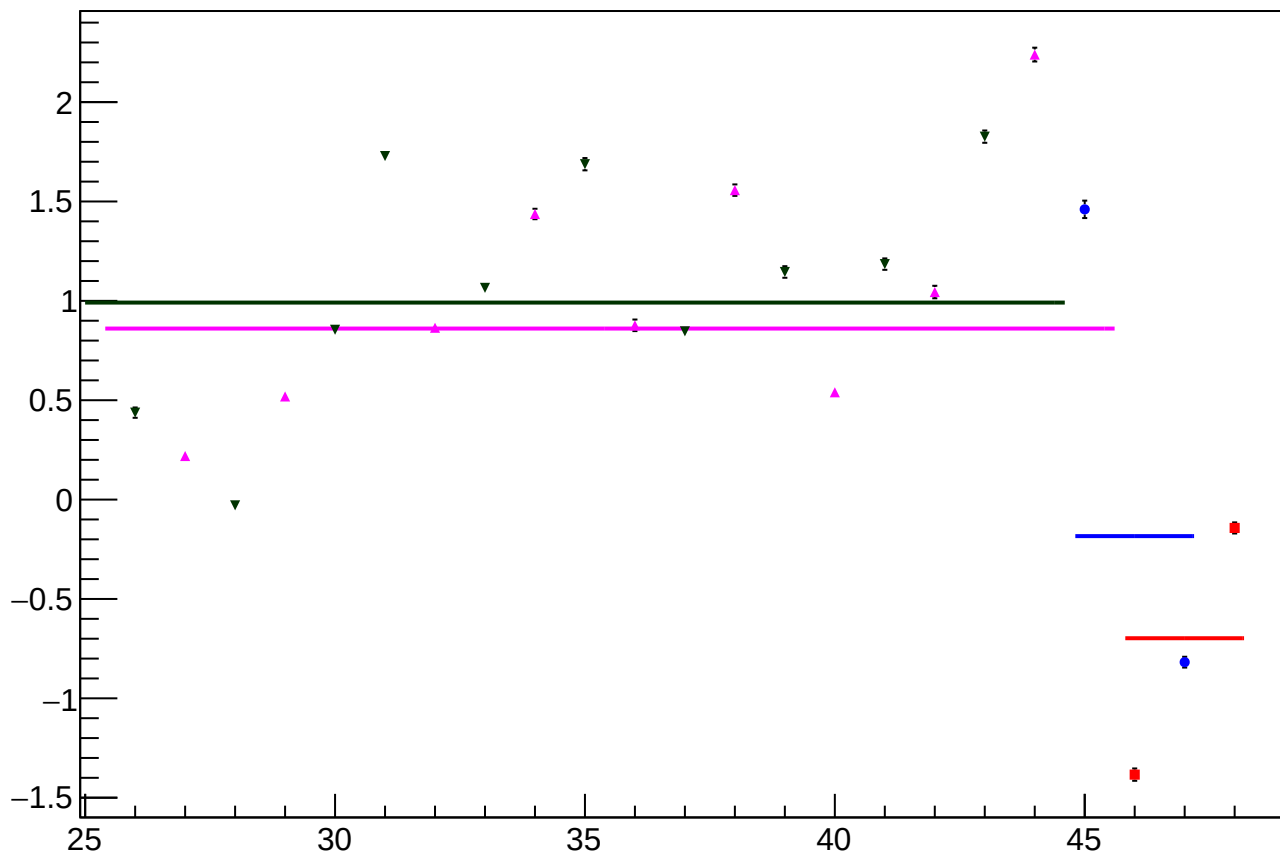
Right Out: 3.313 ± 0.099 $\chi^2/\text{NDF}: 201.9/1$

Left In: -2.223 ± 0.032 $\chi^2/\text{NDF}: 822.2/8$

-2.281 ± 0.034 $\chi^2/\text{NDF}: 2901.1/11$

-1.710 ± 0.030 $\chi^2/\text{NDF}: 3859.9/10$

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

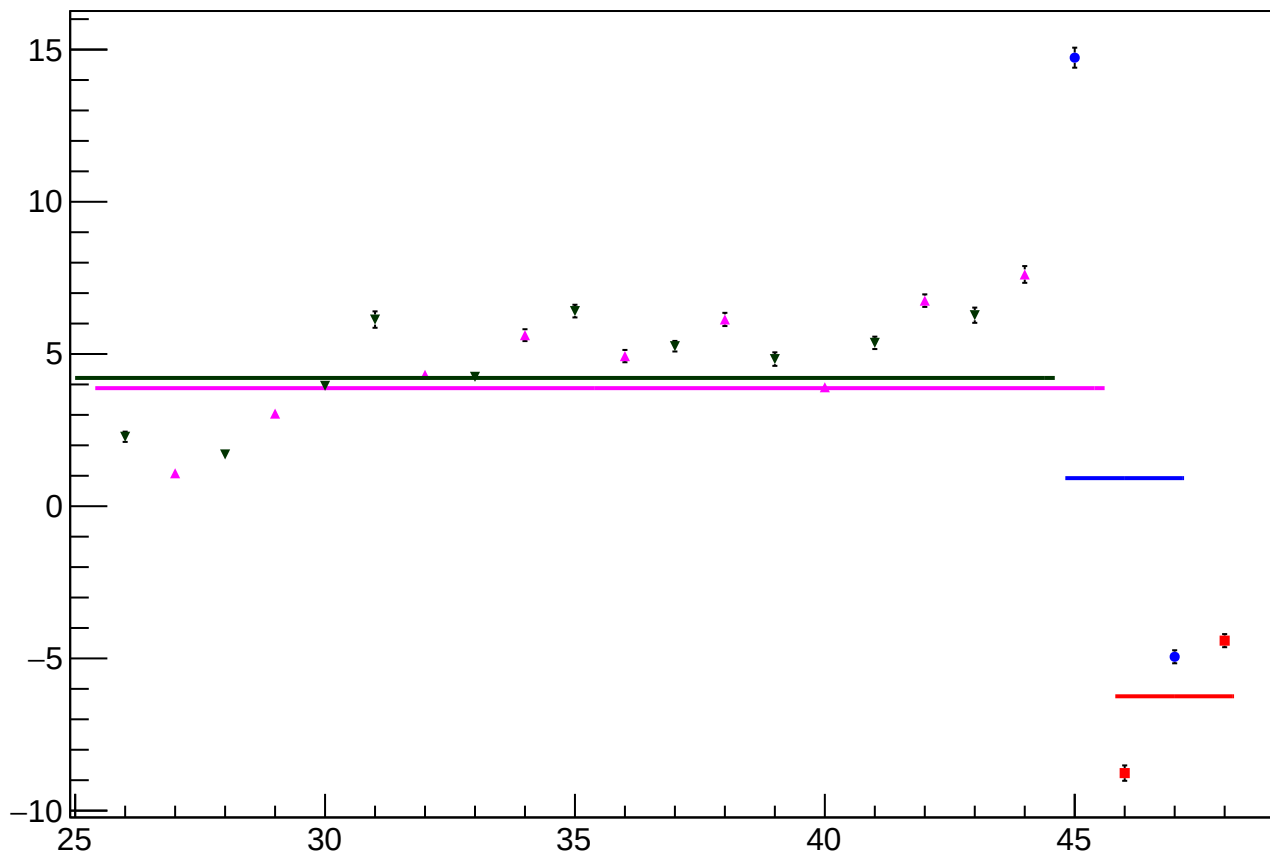
Right Out: -0.698 ± 0.021 χ^2/NDF : 883.3/1

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.4/8

0.872 ± 0.007 χ^2/NDF : 8986.7/11

0.691 ± 0.007 χ^2/NDF : 10035.8/10

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: 0.922+/-0.180 χ^2/NDF : 2514.1/1

Left Out: 4.214+/-0.060 χ^2/NDF : 711.6/9

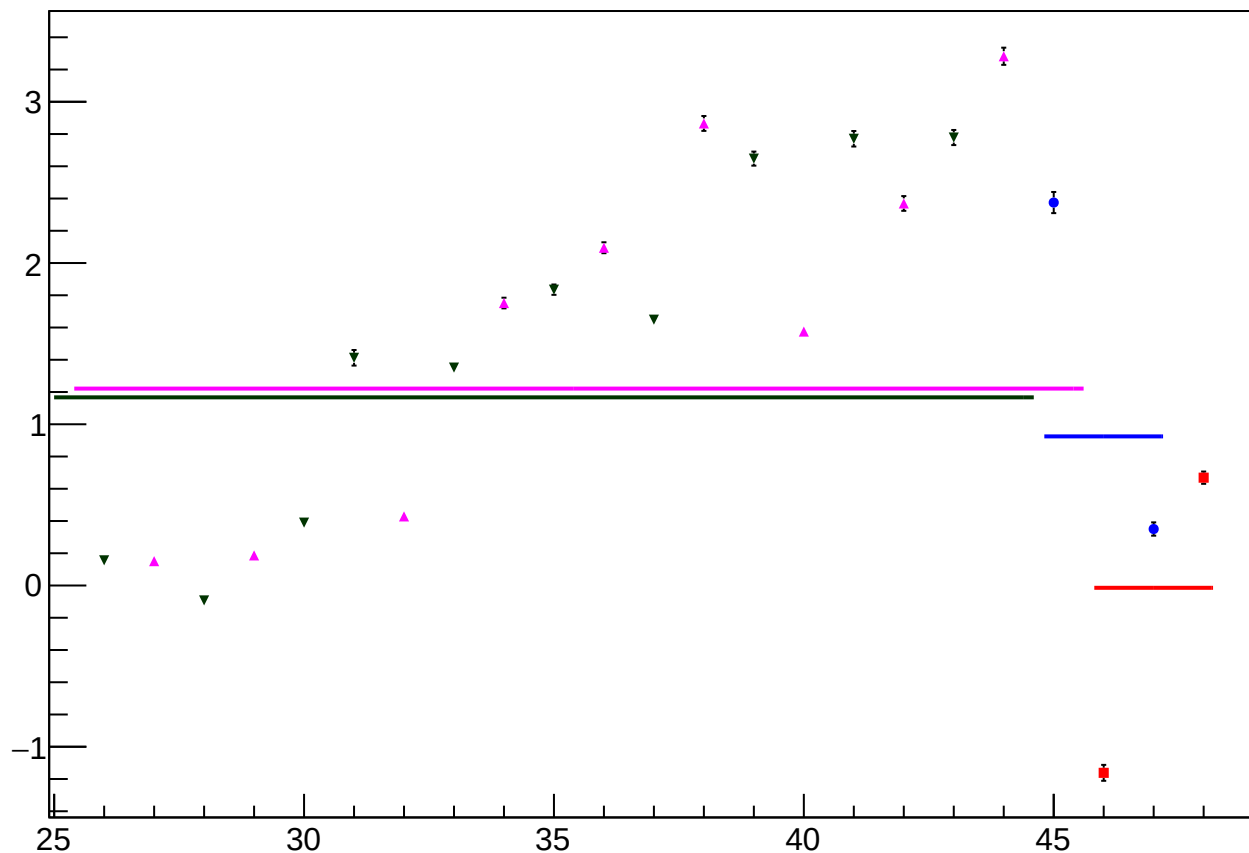
Right Out: -6.244+/-0.164 χ^2/NDF : 171.8/1

Left In: 3.878+/-0.052 χ^2/NDF : 1270.8/8

3.887+/-0.057 χ^2/NDF : 3528.5/11

2.940+/-0.050 χ^2/NDF : 4906.3/10

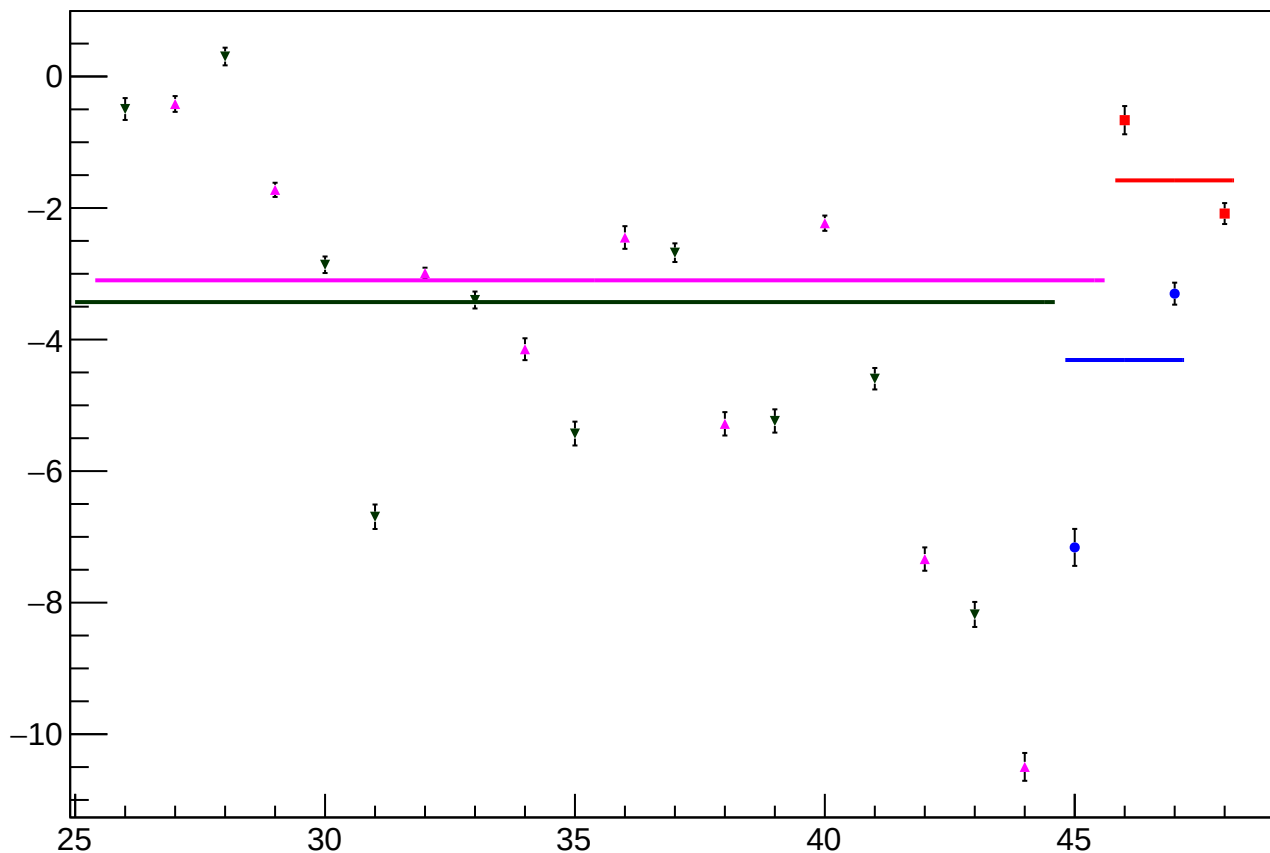
reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



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: -0.014+/-0.030 χ^2/NDF : 861.3/1
 Left In: 1.221+/-0.011 χ^2/NDF : 8098.5/8

1.147+/-0.010 χ^2/NDF : 8994.2/11
 1.079+/-0.010 χ^2/NDF : 10444.5/10

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -4.311 ± 0.144 $\chi^2/\text{NDF}: 139.1/1$

Left Out: -3.430 ± 0.049 $\chi^2/\text{NDF}: 2337.3/9$

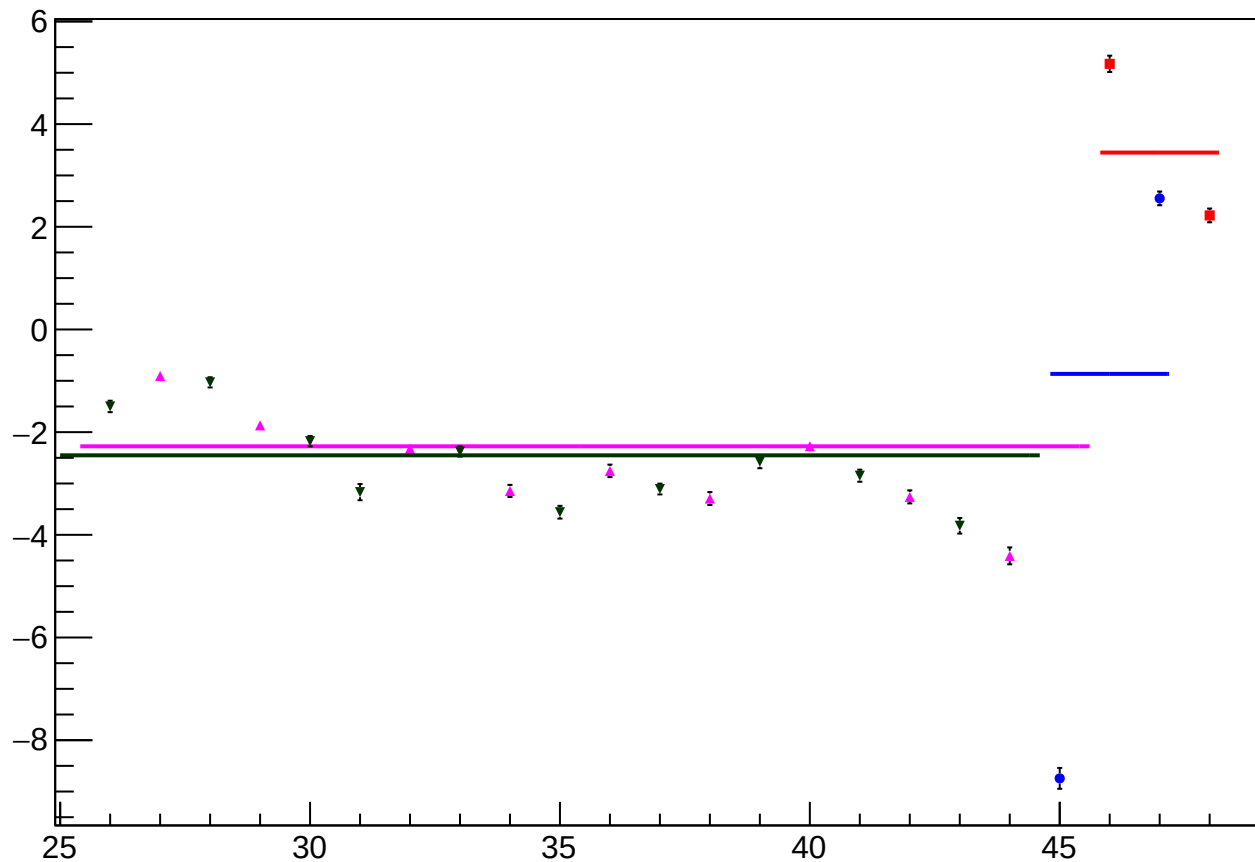
Right Out: -1.580 ± 0.128 $\chi^2/\text{NDF}: 28.2/1$

Left In: -3.099 ± 0.043 $\chi^2/\text{NDF}: 2714.1/8$

-3.521 ± 0.046 $\chi^2/\text{NDF}: 2510.1/11$

-2.943 ± 0.041 $\chi^2/\text{NDF}: 2868.9/10$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -0.865 ± 0.112 χ^2/NDF : 2156.5/1

Left Out: -2.451 ± 0.036 χ^2/NDF : 518.0/9

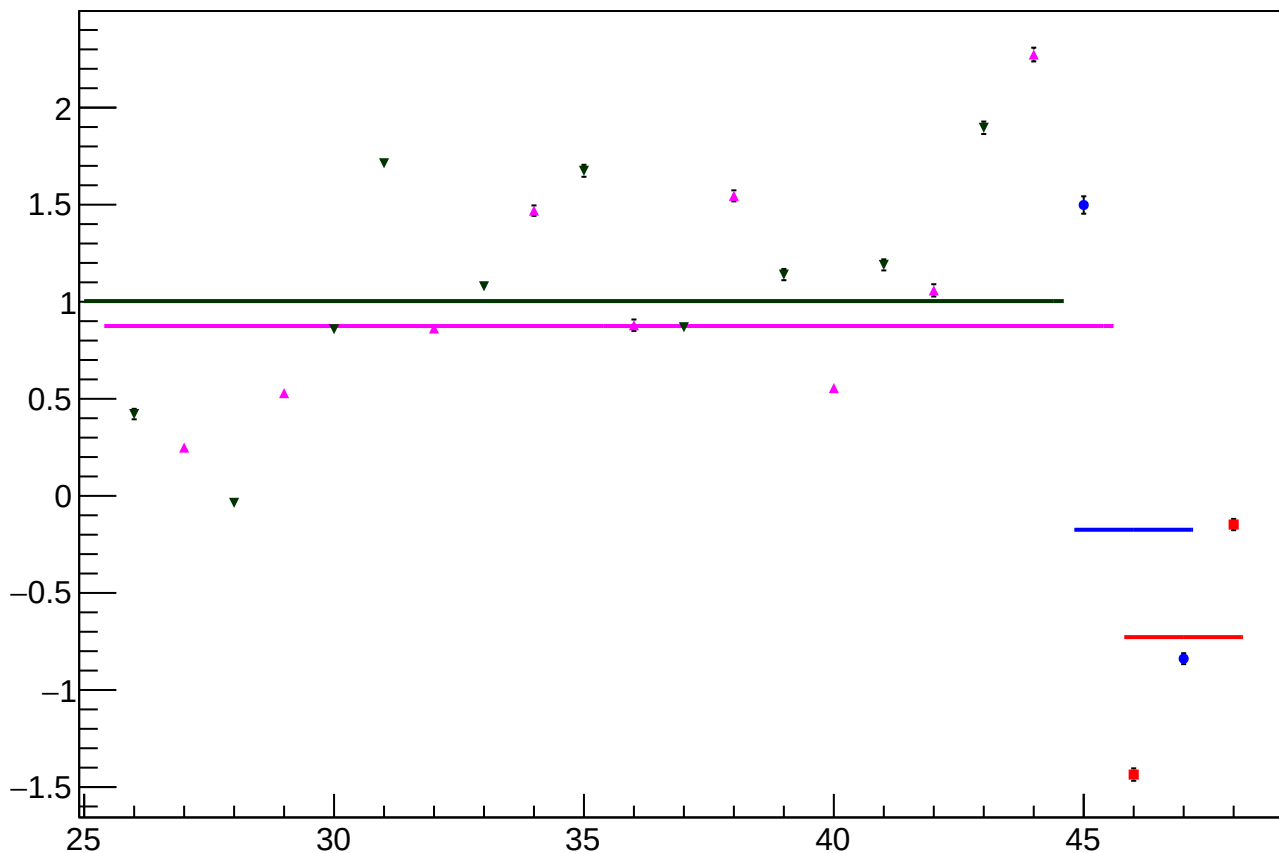
Right Out: 3.446 ± 0.103 χ^2/NDF : 201.3/1

Left In: -2.276 ± 0.032 χ^2/NDF : 728.6/8

-2.299 ± 0.035 χ^2/NDF : 2856.6/11

-1.767 ± 0.031 χ^2/NDF : 3767.4/10

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

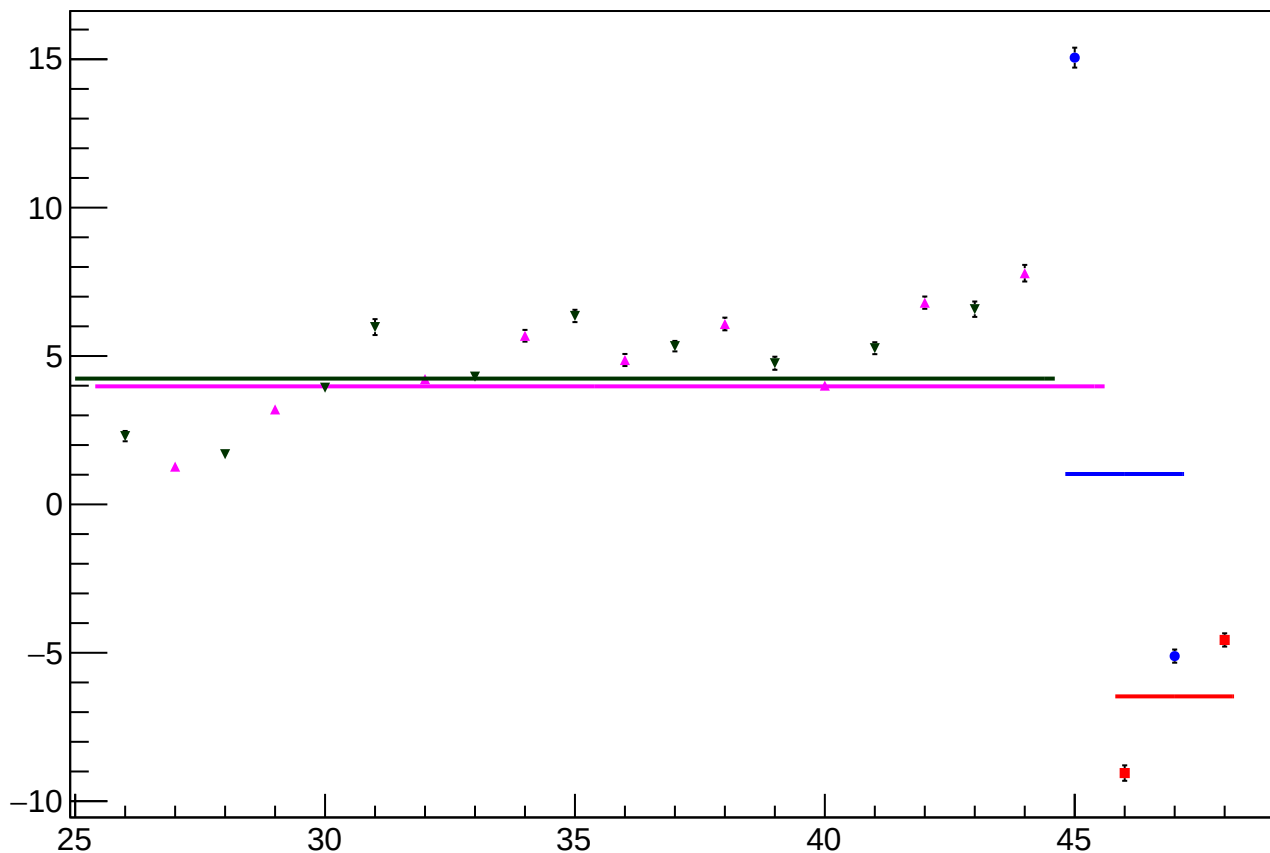
Right Out: -0.728+/-0.022 χ^2/NDF : 886.5/1

Left In: 0.875+/-0.007 χ^2/NDF : 3999.7/8

0.888+/-0.007 χ^2/NDF : 8807.1/11

0.709+/-0.007 χ^2/NDF : 9854.9/10

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 1.024 $\pm$ 0.185 χ^2 /NDF: 2507.3/1

Left Out: 4.240 $\pm$ 0.060 χ^2 /NDF:692.9/9

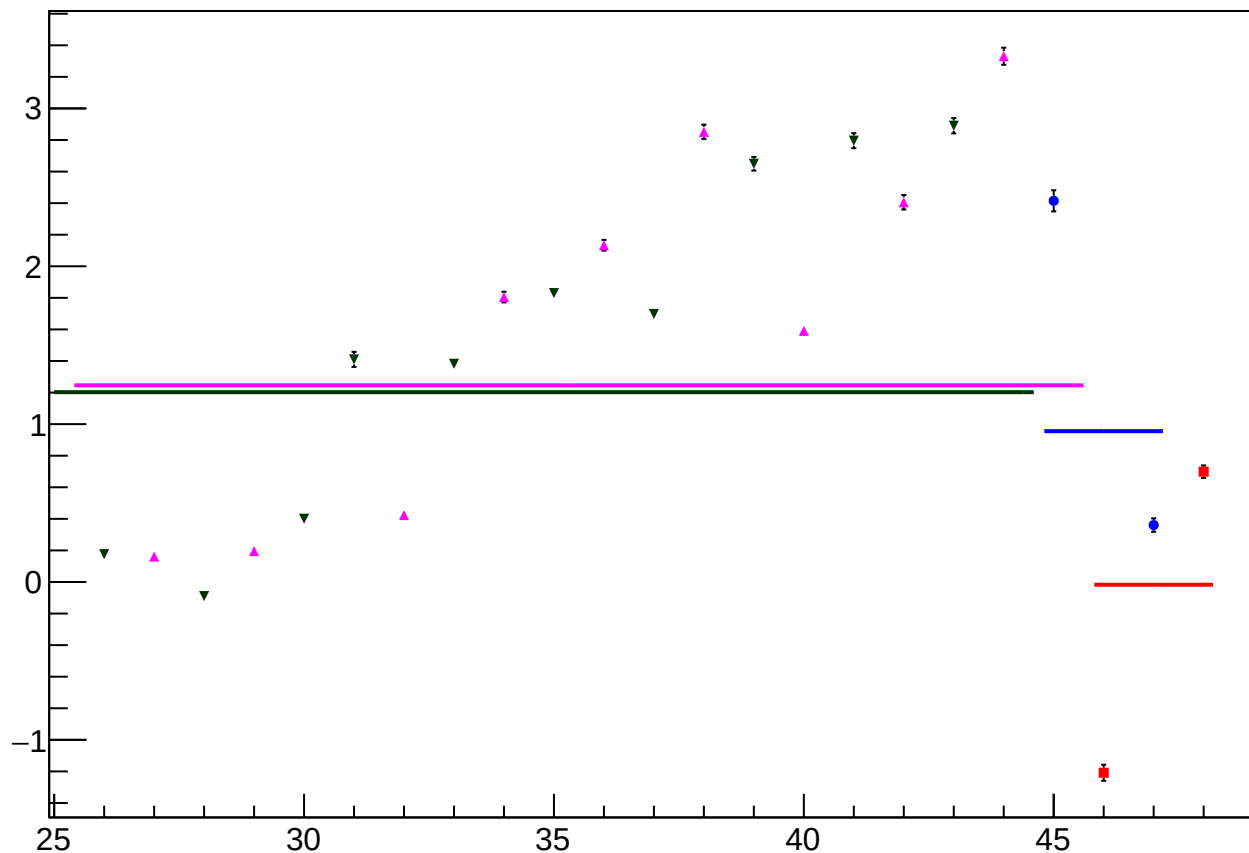
Right Out: -6.469 $\pm$ 0.170 χ^2 /NDF: 170.8/1

Left In: 3.978 $\pm$ 0.053 χ^2 /NDF:1142.5/8

3.932 $\pm$ 0.057 χ^2 /NDF: 3472.4/11

3.048 $\pm$ 0.051 χ^2 /NDF: 4768.8/10

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

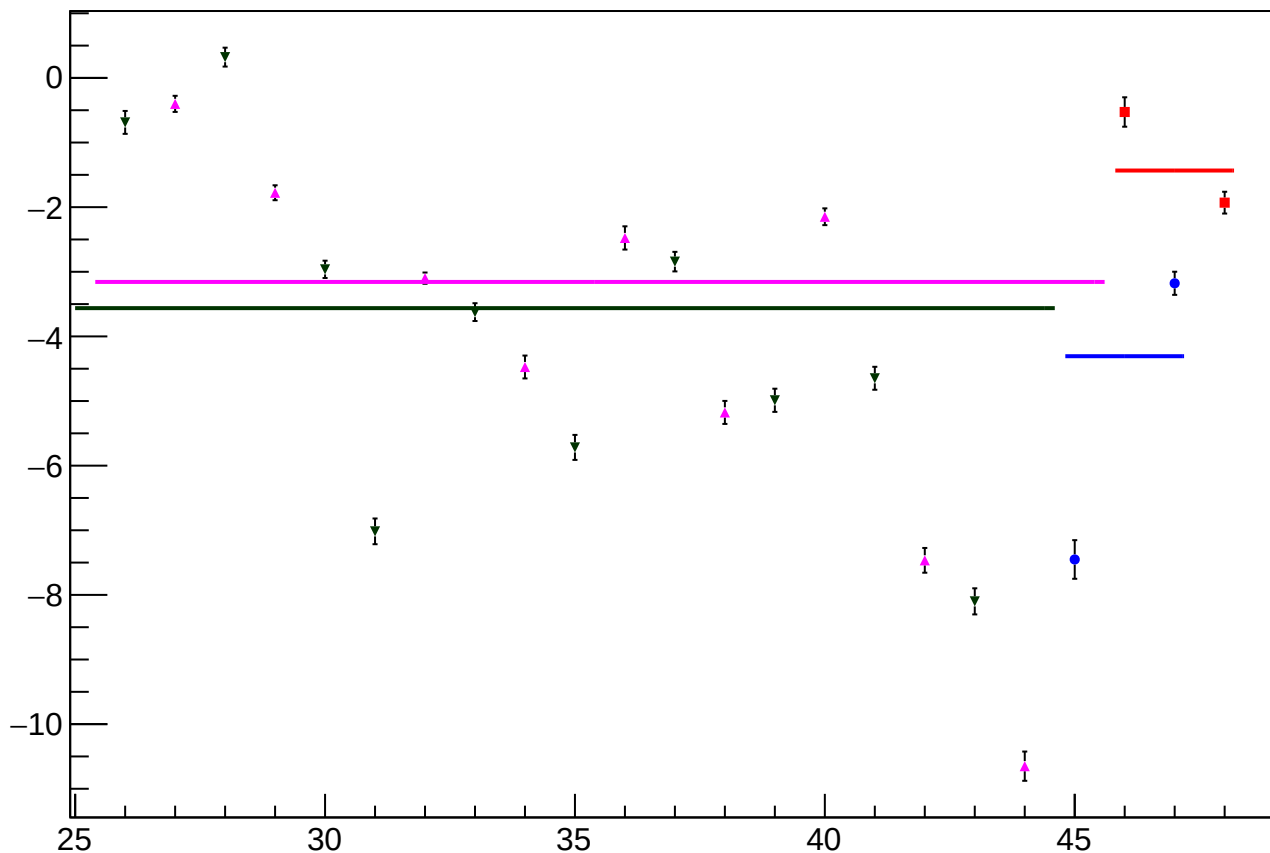
Right Out: -0.017+/-0.031 χ^2/NDF : 874.8/1

Left In: 1.246+/-0.011 χ^2/NDF : 8115.6/8

1.183+/-0.010 χ^2/NDF : 8917.2/11

1.106+/-0.010 χ^2/NDF : 10445.7/10

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

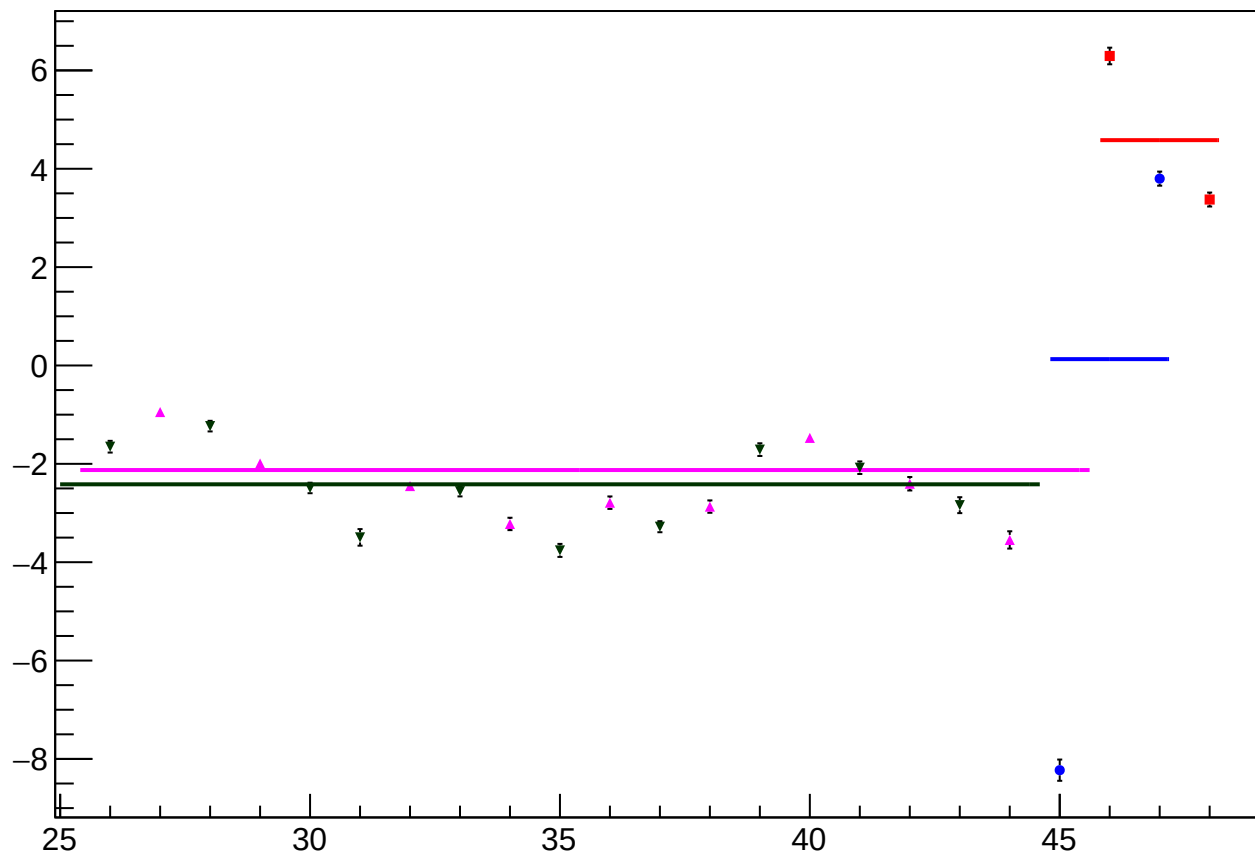
Right Out: -1.433+/-0.135 χ^2/NDF : 24.5/1

Left In: -3.157+/-0.046 χ^2/NDF : 2492.0/8

-3.639+/-0.049 χ^2/NDF : 2212.4/11

-2.979+/-0.044 χ^2/NDF : 2661.6/10

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

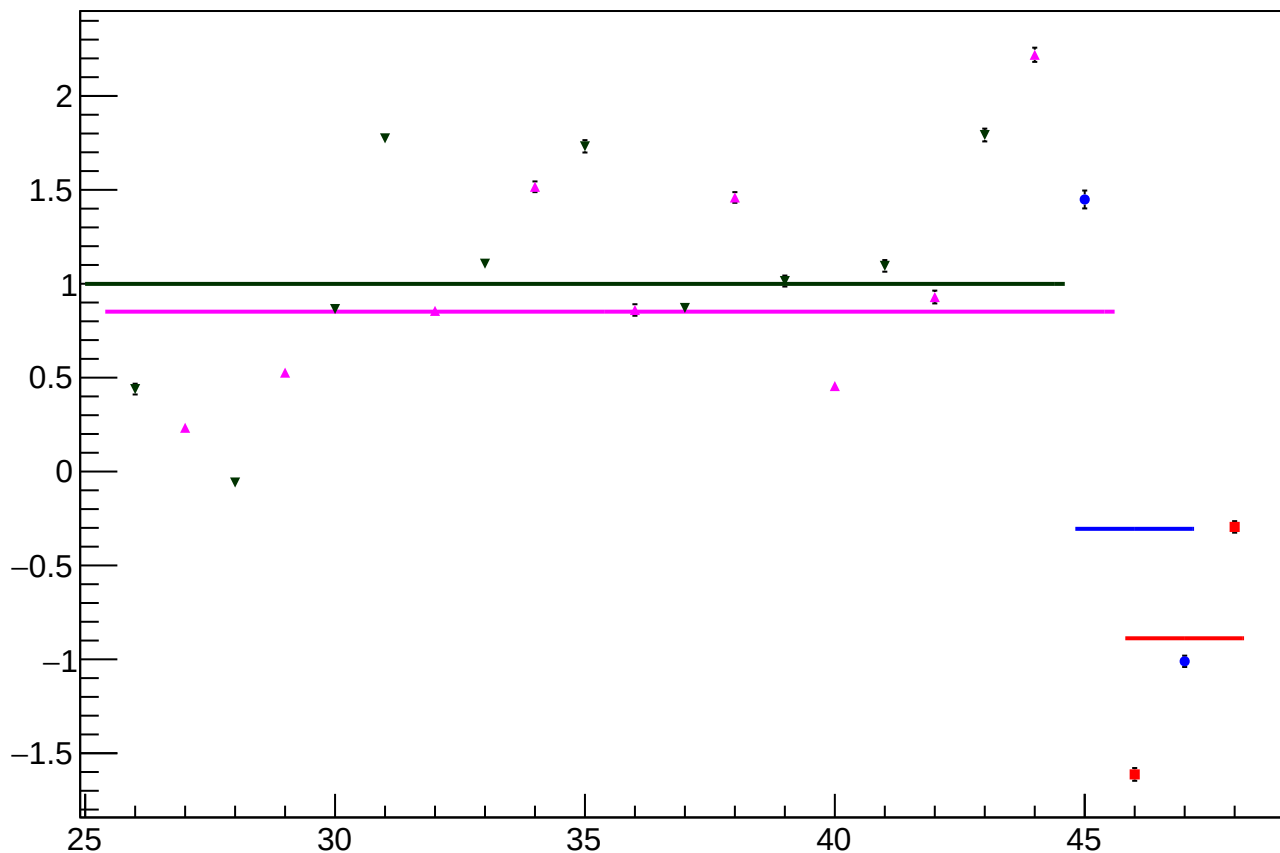
Right Out: 4.582 ± 0.109 χ^2/NDF : 175.1/1

Left In: -2.126 ± 0.034 χ^2/NDF : 510.2/8

-2.173 ± 0.037 χ^2/NDF : 2974.2/11

-1.531 ± 0.032 χ^2/NDF : 4160.0/10

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

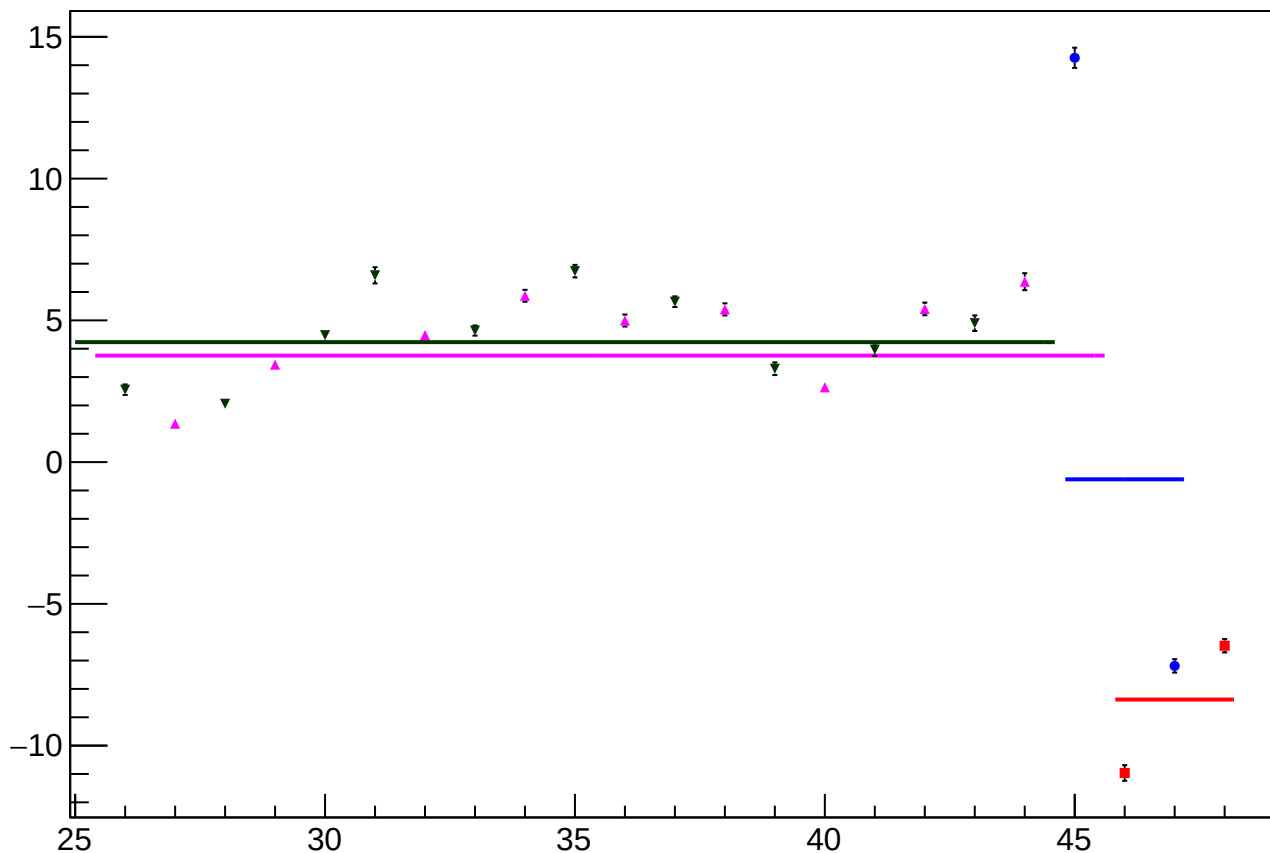
Right Out: -0.888+/-0.023 χ^2/NDF : 826.1/1

Left In: 0.851+/-0.008 χ^2/NDF : 3579.4/8

0.871+/-0.008 χ^2/NDF : 8355.2/11

0.671+/-0.007 χ^2/NDF : 9614.1/10

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -0.607 ± 0.198 $\chi^2/\text{NDF}: 2498.5/1$

Left Out: 4.232 ± 0.064 $\chi^2/\text{NDF}: 531.4/9$

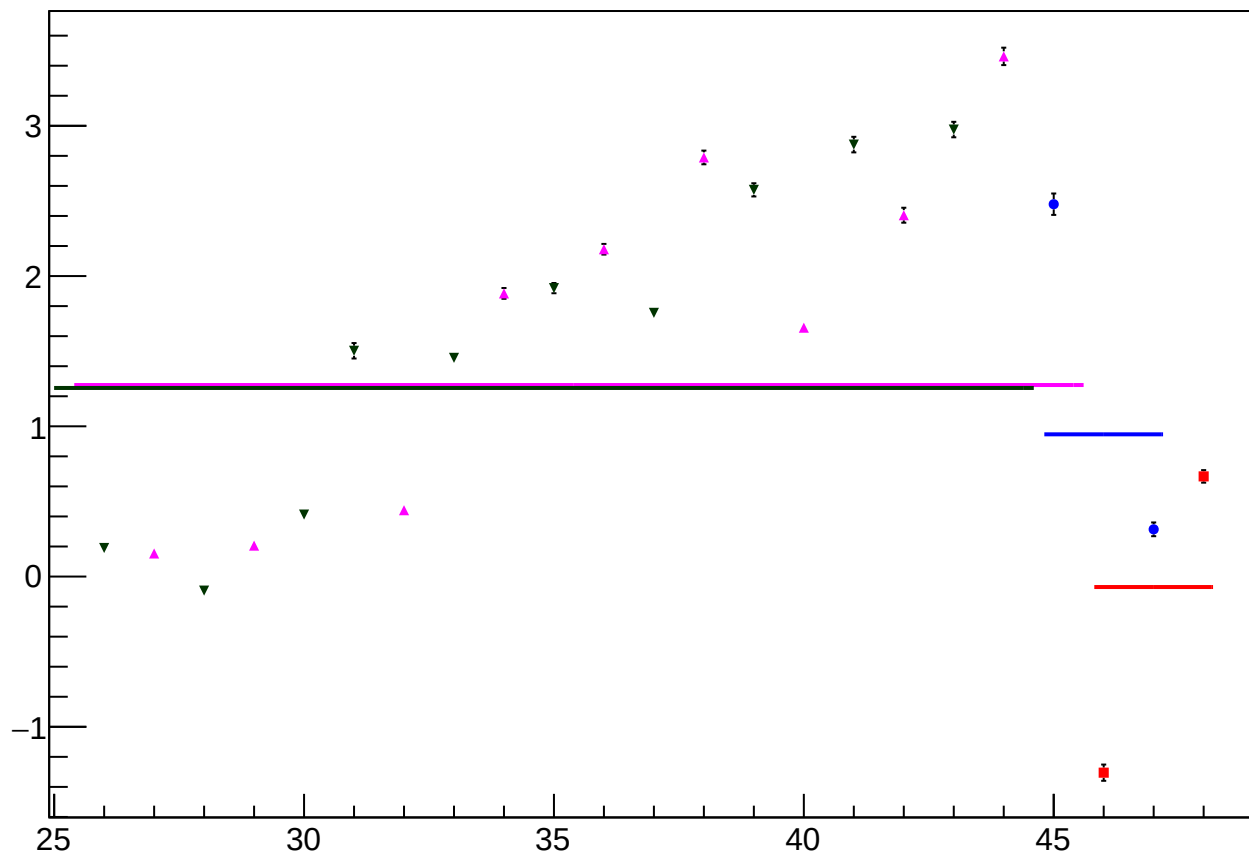
Right Out: -8.374 ± 0.180 $\chi^2/\text{NDF}: 152.1/1$

Left In: 3.757 ± 0.056 $\chi^2/\text{NDF}: 807.8/8$

3.770 ± 0.061 $\chi^2/\text{NDF}: 3570.7/11$

2.681 ± 0.054 $\chi^2/\text{NDF}: 5111.2/10$

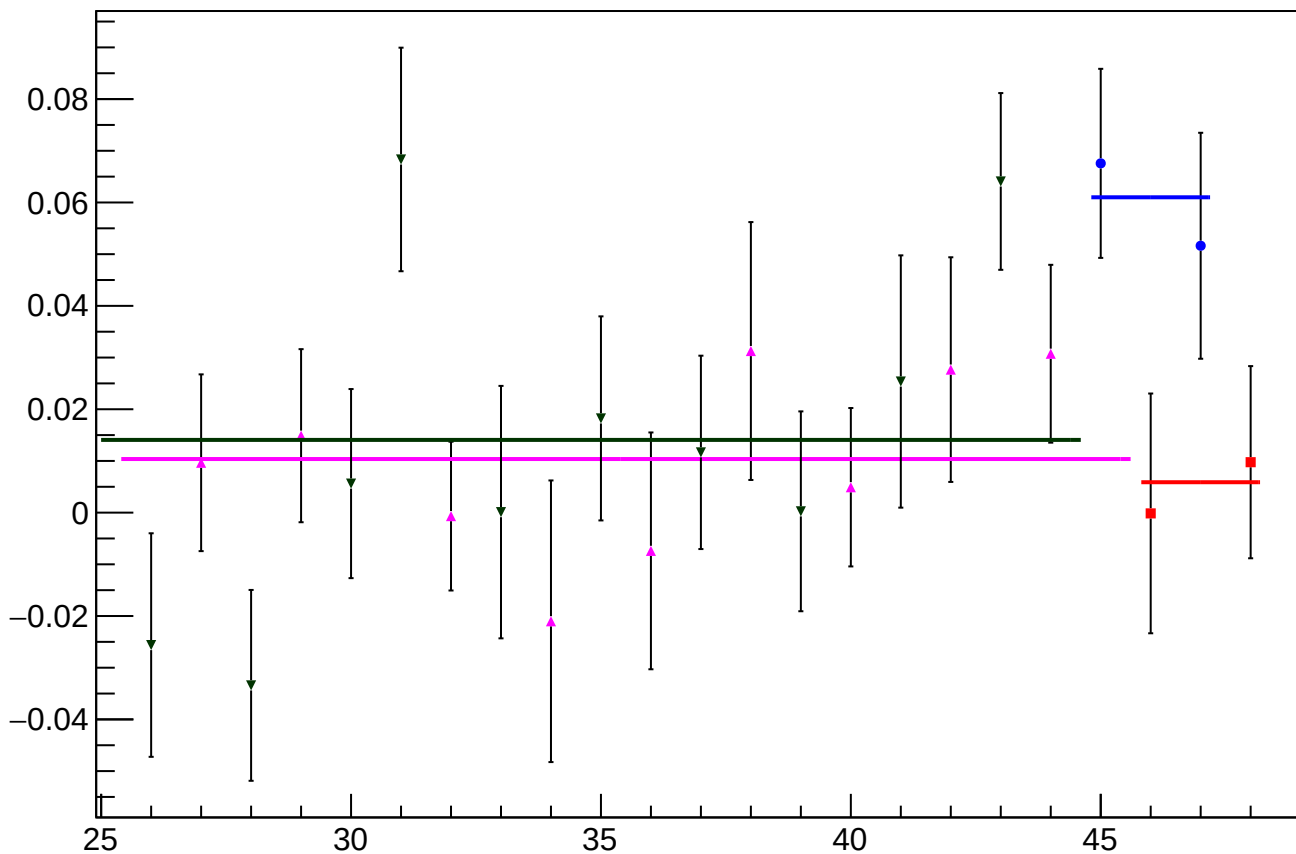
reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 0.947 ± 0.039 $\chi^2/\text{NDF}: 653.2/1$
 Left Out: 1.255 ± 0.011 $\chi^2/\text{NDF}: 7468.2/9$
 Right Out: -0.070 ± 0.033 $\chi^2/\text{NDF}: 833.7/1$
 Left In: 1.275 ± 0.012 $\chi^2/\text{NDF}: 7555.8/8$

1.231 ± 0.011 $\chi^2/\text{NDF}: 8180.4/11$
 1.125 ± 0.011 $\chi^2/\text{NDF}: 9861.2/10$

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

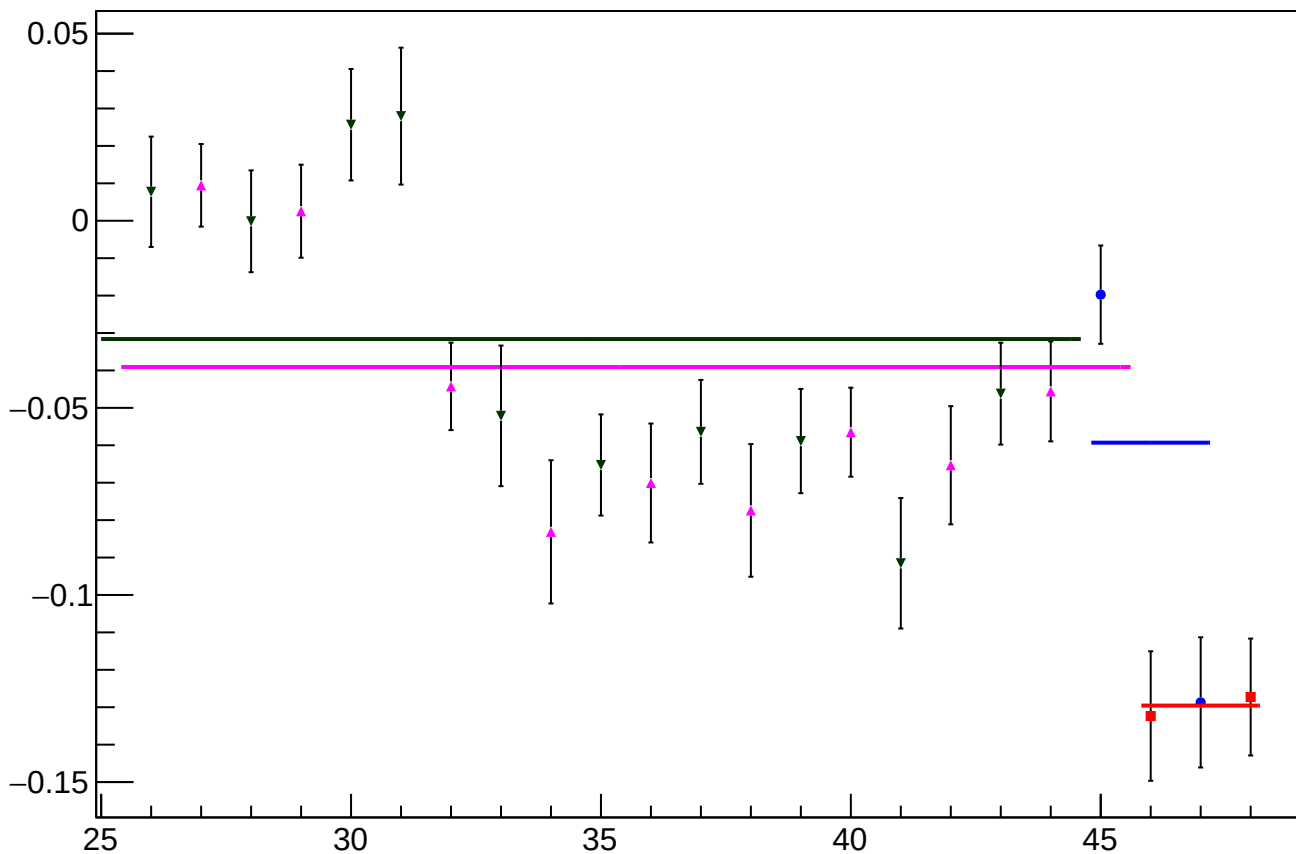
Right Out: 0.006 $\pm$ 0.015 χ^2 /NDF: 0.1/1

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF: 5.5/8

0.022 $\pm$ 0.006 χ^2 /NDF: 35.8/11

0.010 $\pm$ 0.006 χ^2 /NDF: 5.6/10

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.059+/-0.010 χ^2 /NDF: 25.0/1

Left Out: -0.032+/-0.005 χ^2 /NDF: 65.2/9

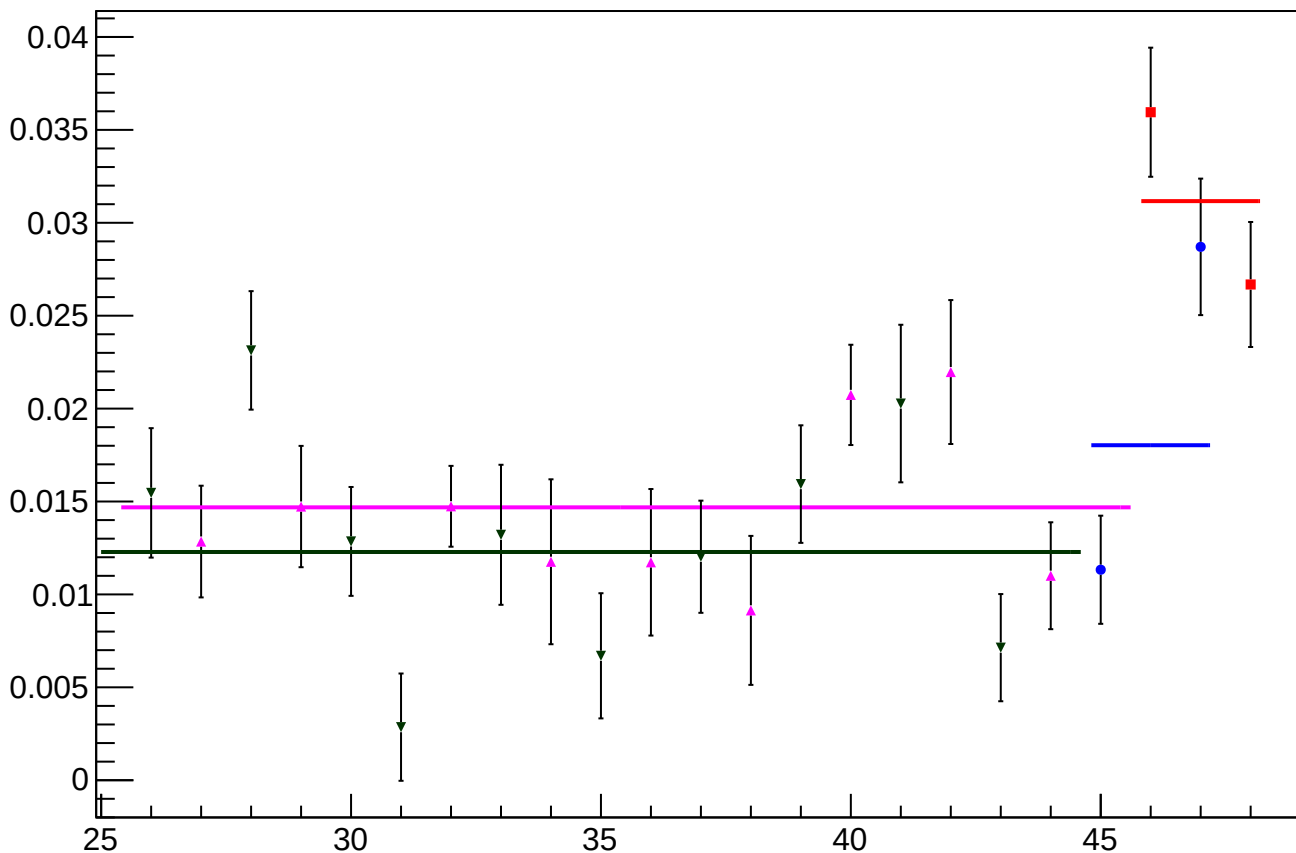
Right Out: -0.130+/-0.012 χ^2 /NDF: 0.0/1

Left In: -0.039+/-0.005 χ^2 /NDF: 49.7/8

-0.036+/-0.004 χ^2 /NDF: 96.0/11

-0.051+/-0.004 χ^2 /NDF: 102.5/10

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

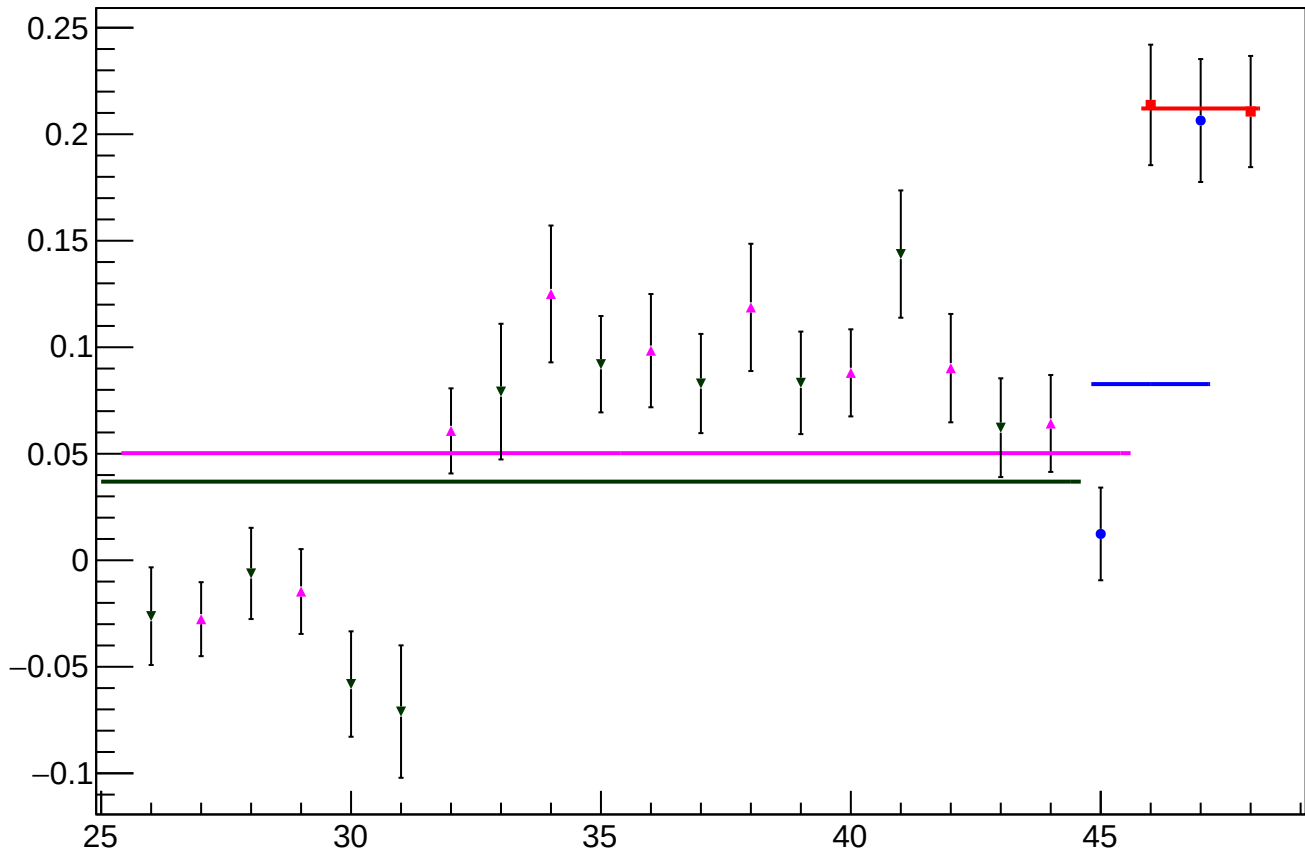
Right Out: 0.031 $\pm$ 0.002 χ^2 /NDF: 3.7/1

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.013 $\pm$ 0.001 χ^2 /NDF: 53.0/11

0.017 $\pm$ 0.001 χ^2 /NDF: 56.4/10

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.083+/-0.017 χ^2/NDF : 28.8/1

Left Out: 0.037+/-0.008 χ^2/NDF : 67.8/9

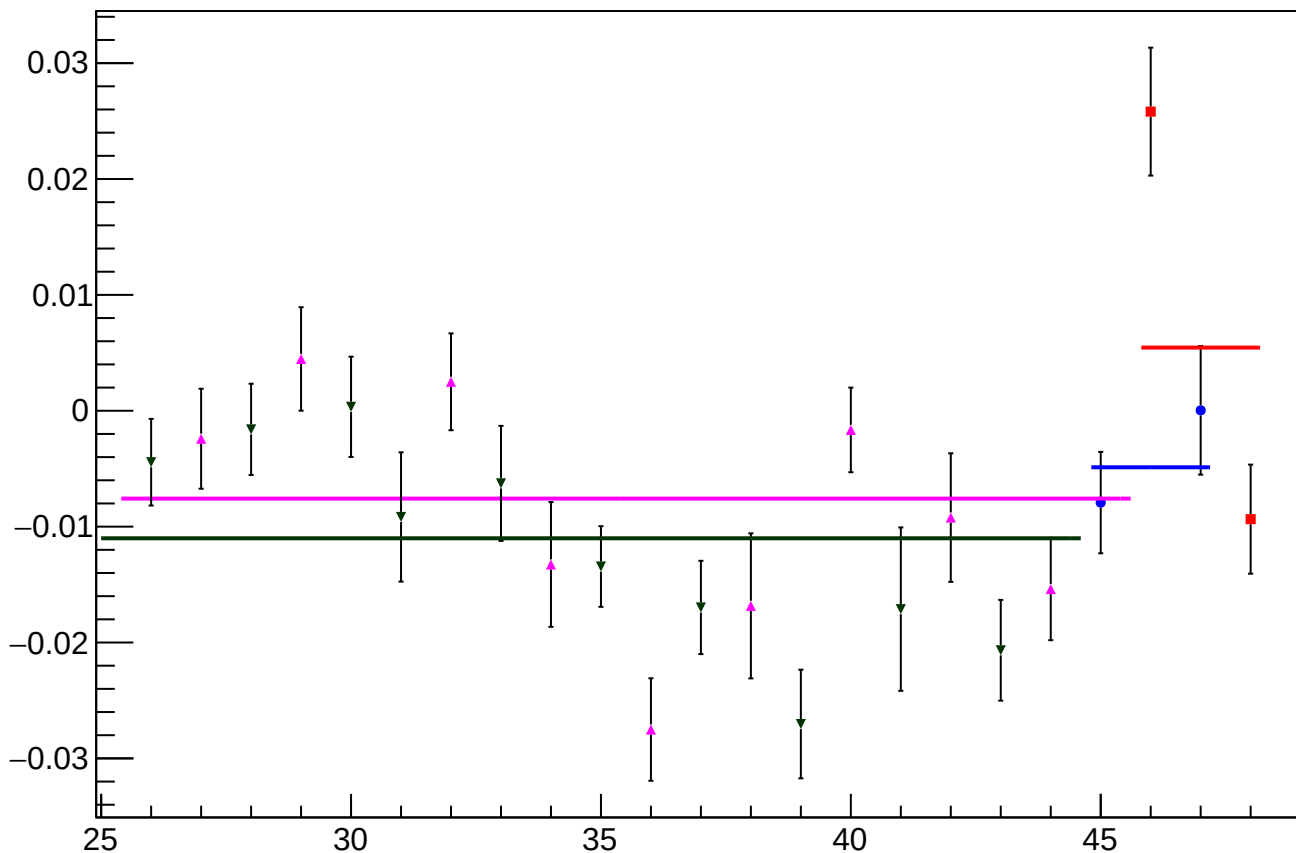
Right Out: 0.212+/-0.019 χ^2/NDF : 0.0/1

Left In: 0.050+/-0.008 χ^2/NDF : 51.2/8

0.045+/-0.007 χ^2/NDF : 102.3/11

0.072+/-0.007 χ^2/NDF : 112.9/10

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

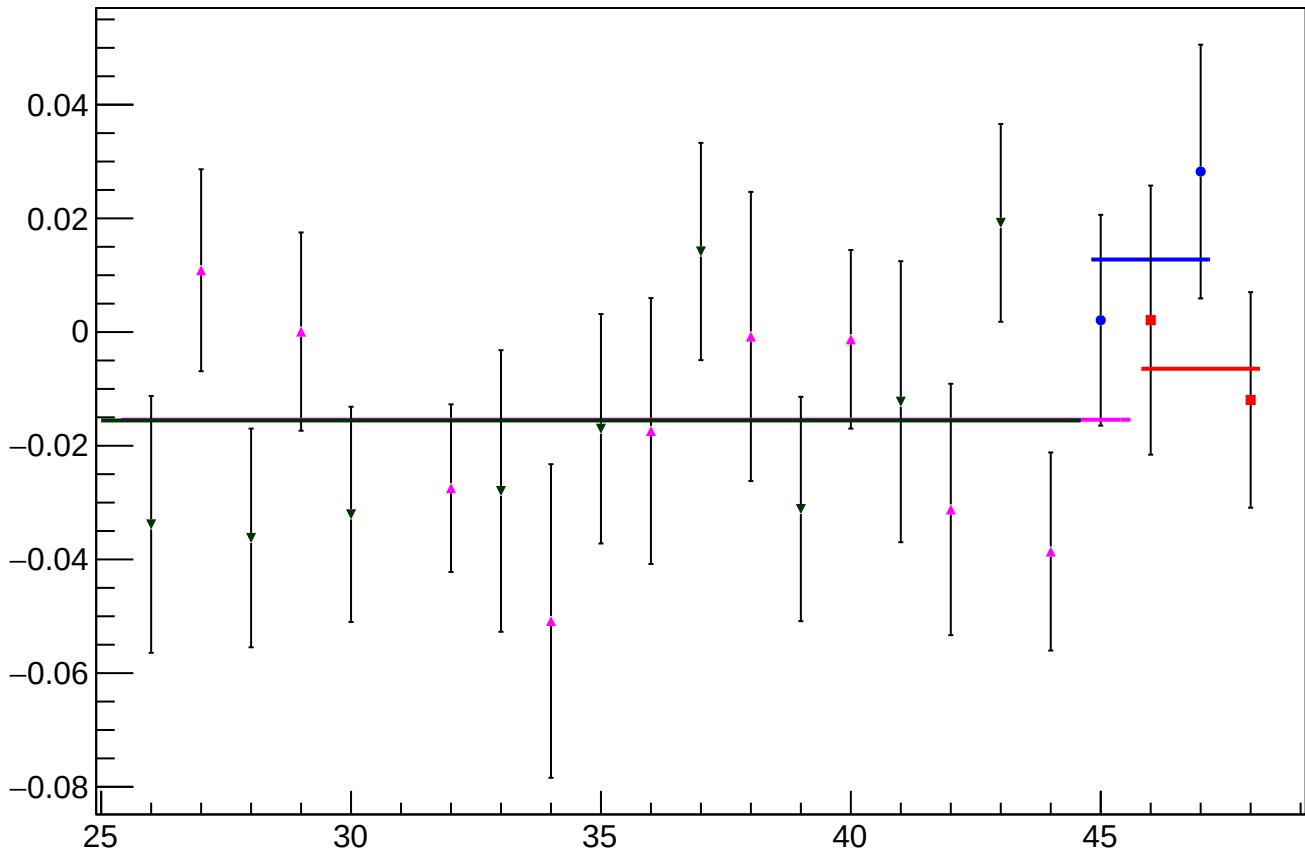
Right Out: 0.005+/-0.004 χ^2/NDF : 23.5/1

Left In: -0.008+/-0.002 χ^2/NDF : 44.0/8

-0.010+/-0.001 χ^2/NDF : 40.8/11

-0.006+/-0.001 χ^2/NDF : 78.7/10

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

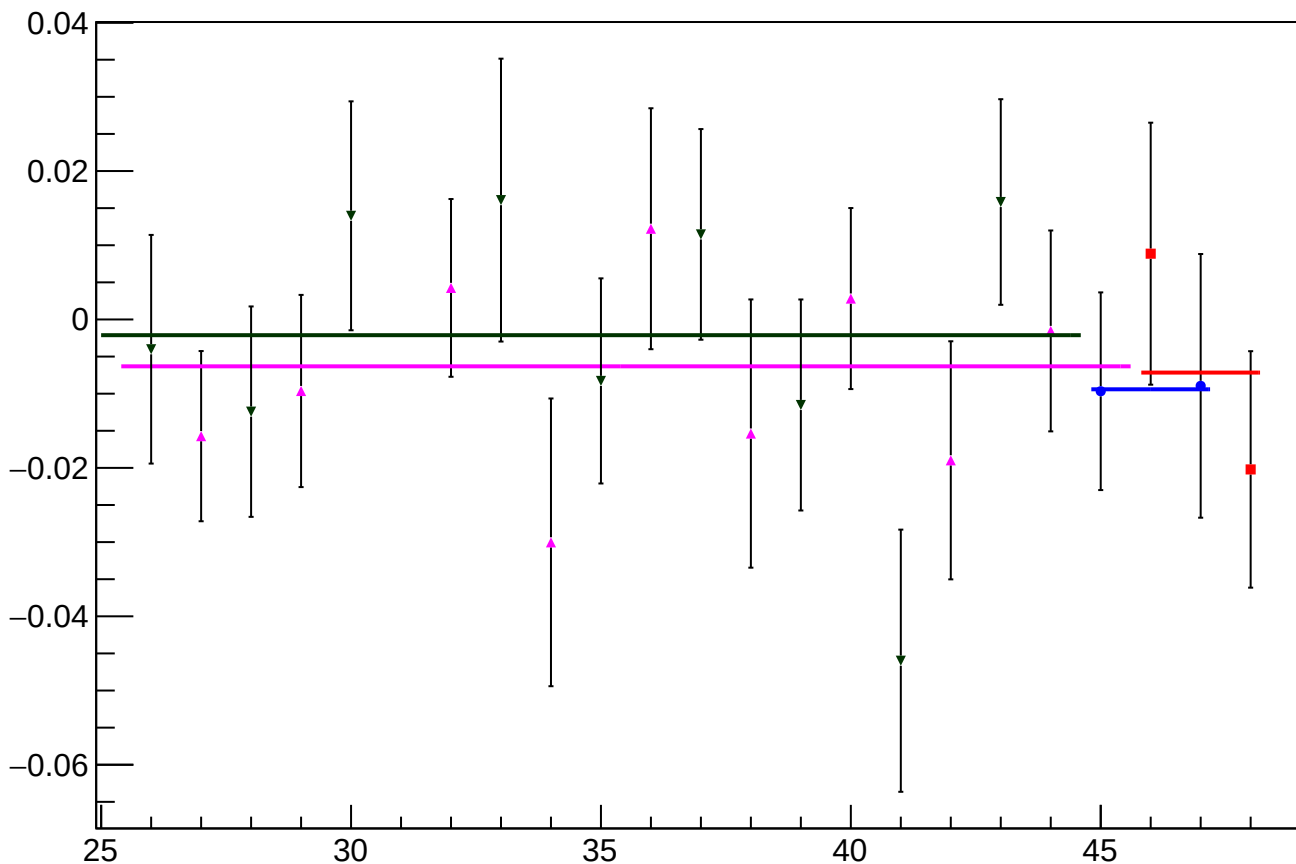
Right Out: -0.006+/-0.015 χ^2/NDF : 0.2/1

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 : 9.3/10

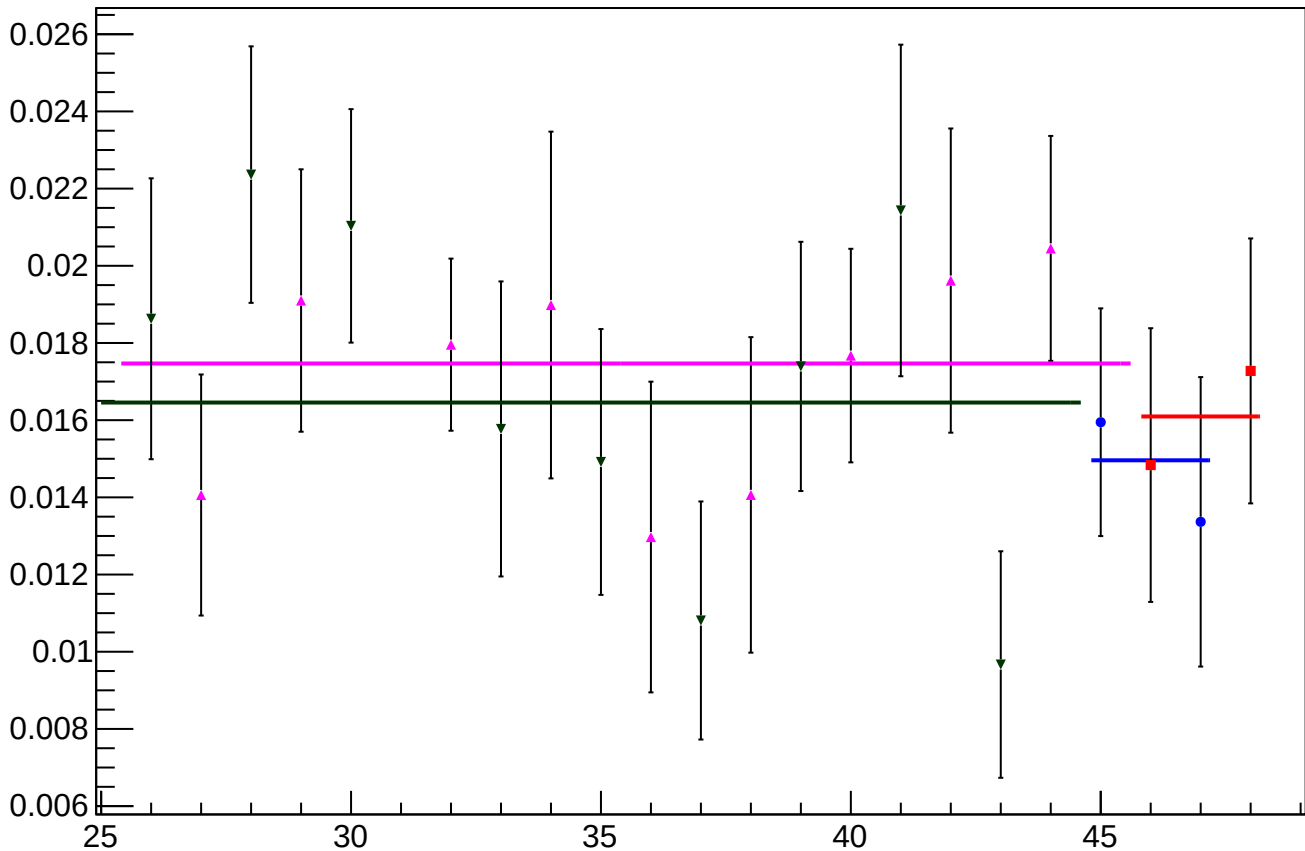
reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



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: -0.007 $\pm$ 0.012 χ^2 /NDF: 1.5/1
 Left In: -0.006 $\pm$ 0.005 χ^2 /NDF:5.9/8

-0.003 $\pm$ 0.005 χ^2 /NDF: 12.3/10
 -0.006 $\pm$ 0.004 χ^2 /NDF: 7.4/10

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 $\pm$ 0.002 χ^2/NDF : 0.3/1

Left Out: 0.016 $\pm$ 0.001 χ^2/NDF : 16.2/8

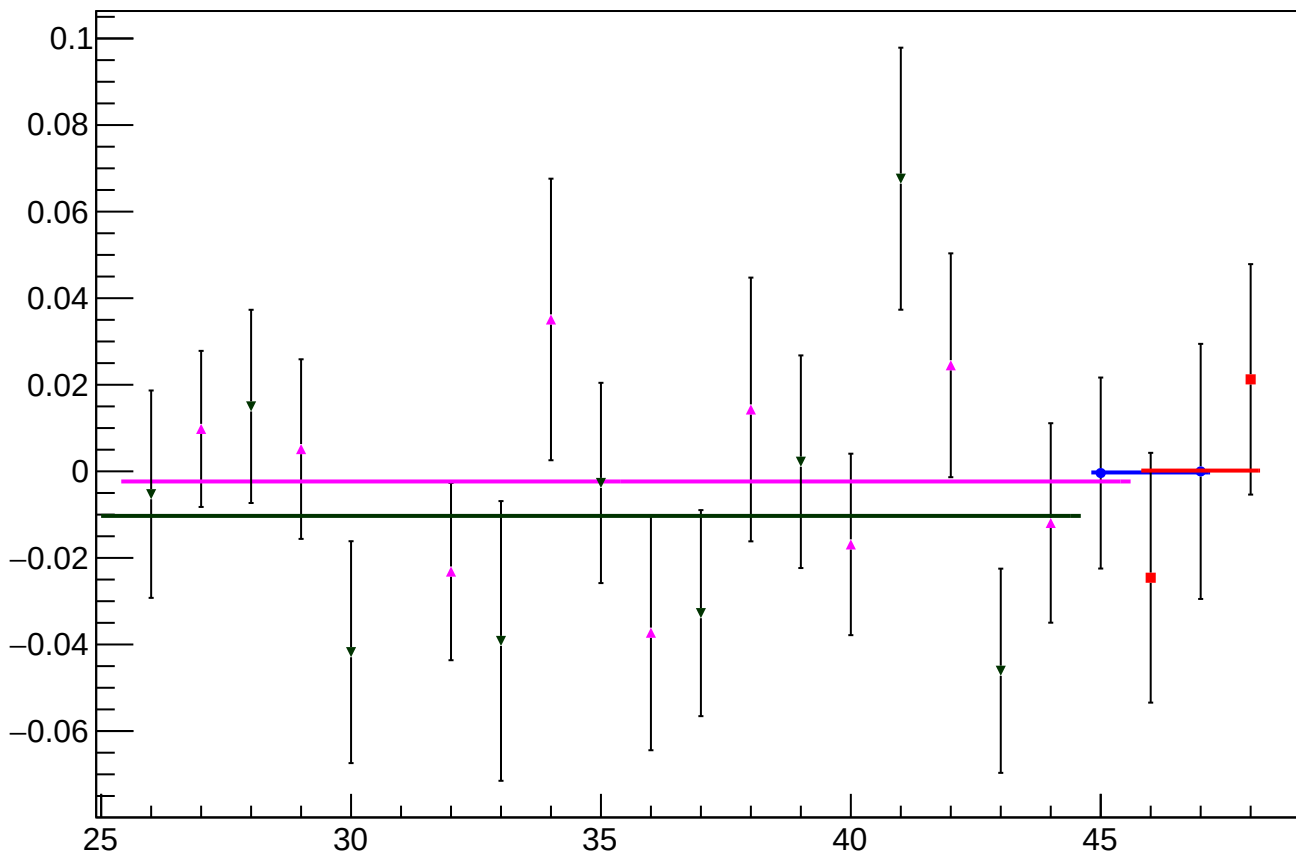
Right Out: 0.016 $\pm$ 0.002 χ^2/NDF : 0.2/1

Left In: 0.017 $\pm$ 0.001 χ^2/NDF : 4.9/8

0.016 $\pm$ 0.001 χ^2/NDF : 16.8/10

0.017 $\pm$ 0.001 χ^2/NDF : 5.4/10

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

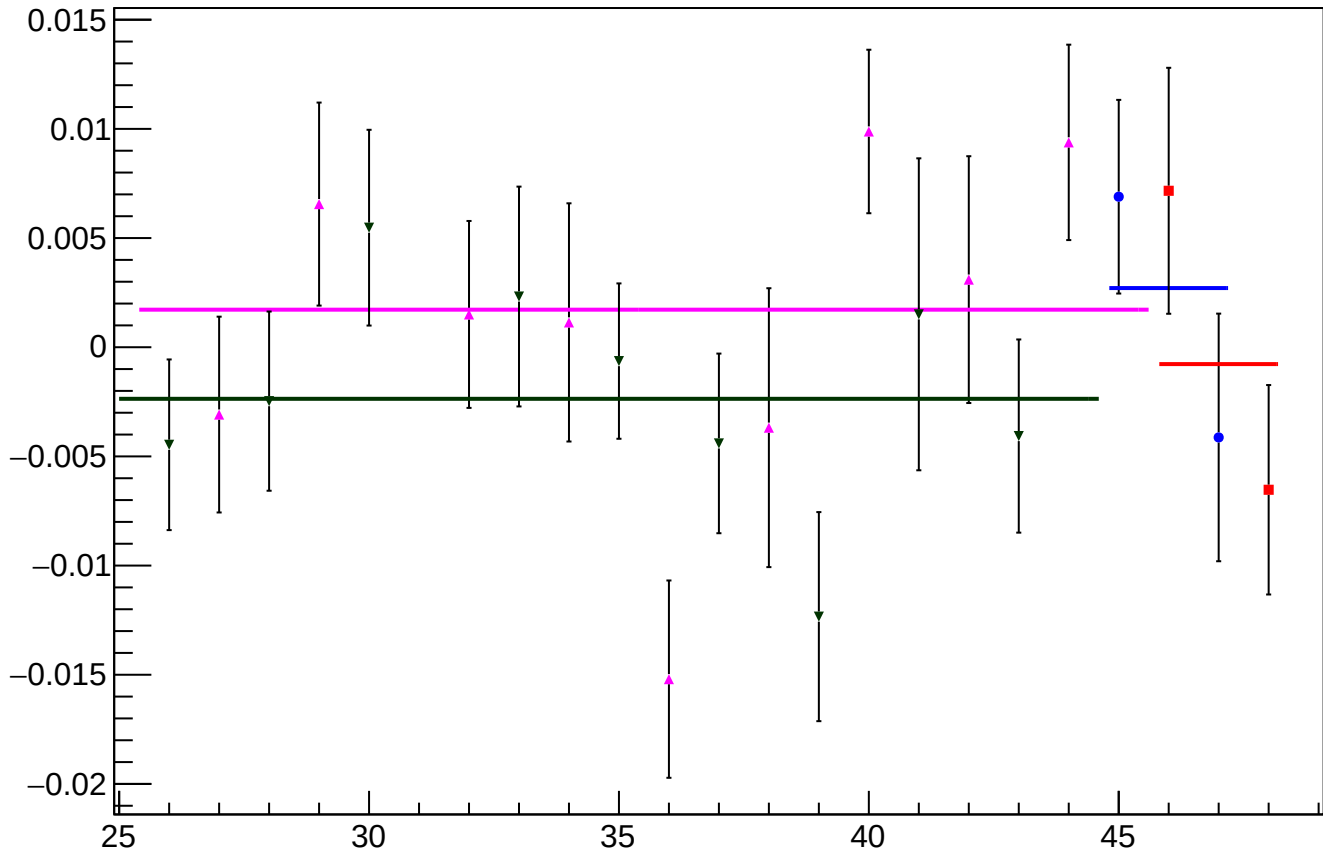
Right Out: 0.000 ± 0.020 χ^2/NDF : 1.4/1

Left In: -0.002 ± 0.008 χ^2/NDF : 6.6/8

-0.008 ± 0.008 χ^2/NDF : 14.1/10

-0.002 ± 0.007 χ^2/NDF : 8.0/10

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

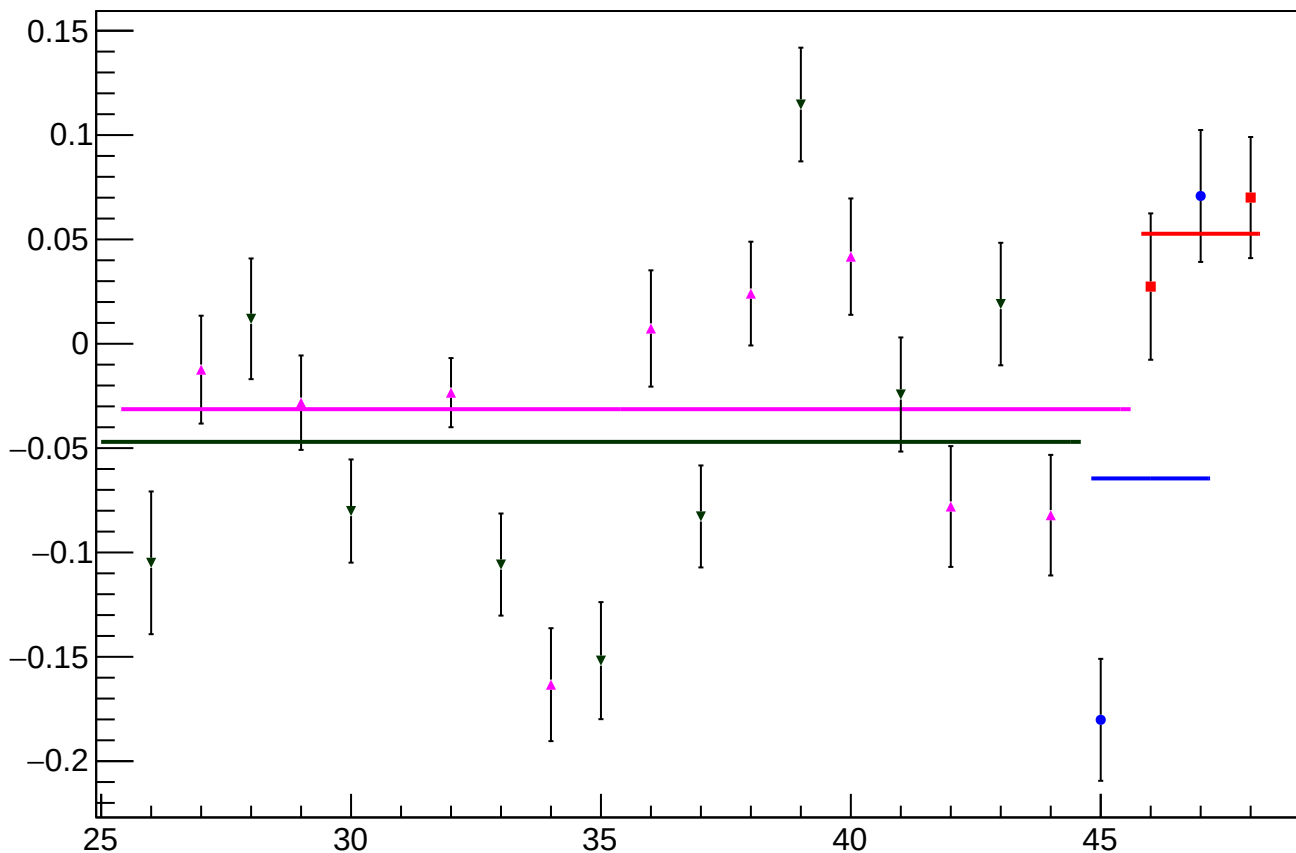
Right Out: -0.001 $\pm$ 0.004 χ^2 /NDF: 3.4/1

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF: 24.7/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 13.6/10

0.001 $\pm$ 0.001 χ^2 /NDF: 28.5/10

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

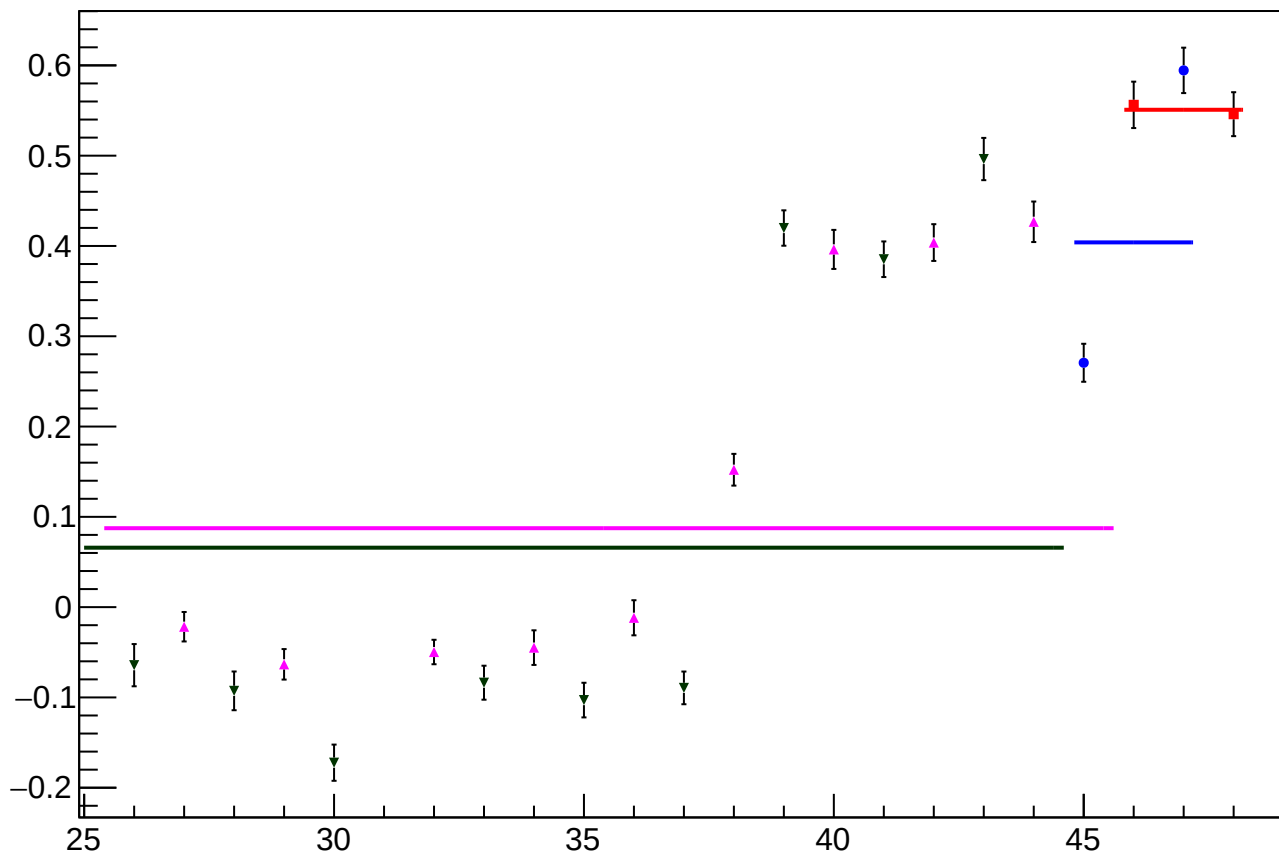
Right Out: 0.053 ± 0.022 χ^2/NDF : 0.9/1

Left In: -0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.050 ± 0.008 χ^2/NDF : 106.2/10

-0.021 ± 0.008 χ^2/NDF : 57.4/10

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

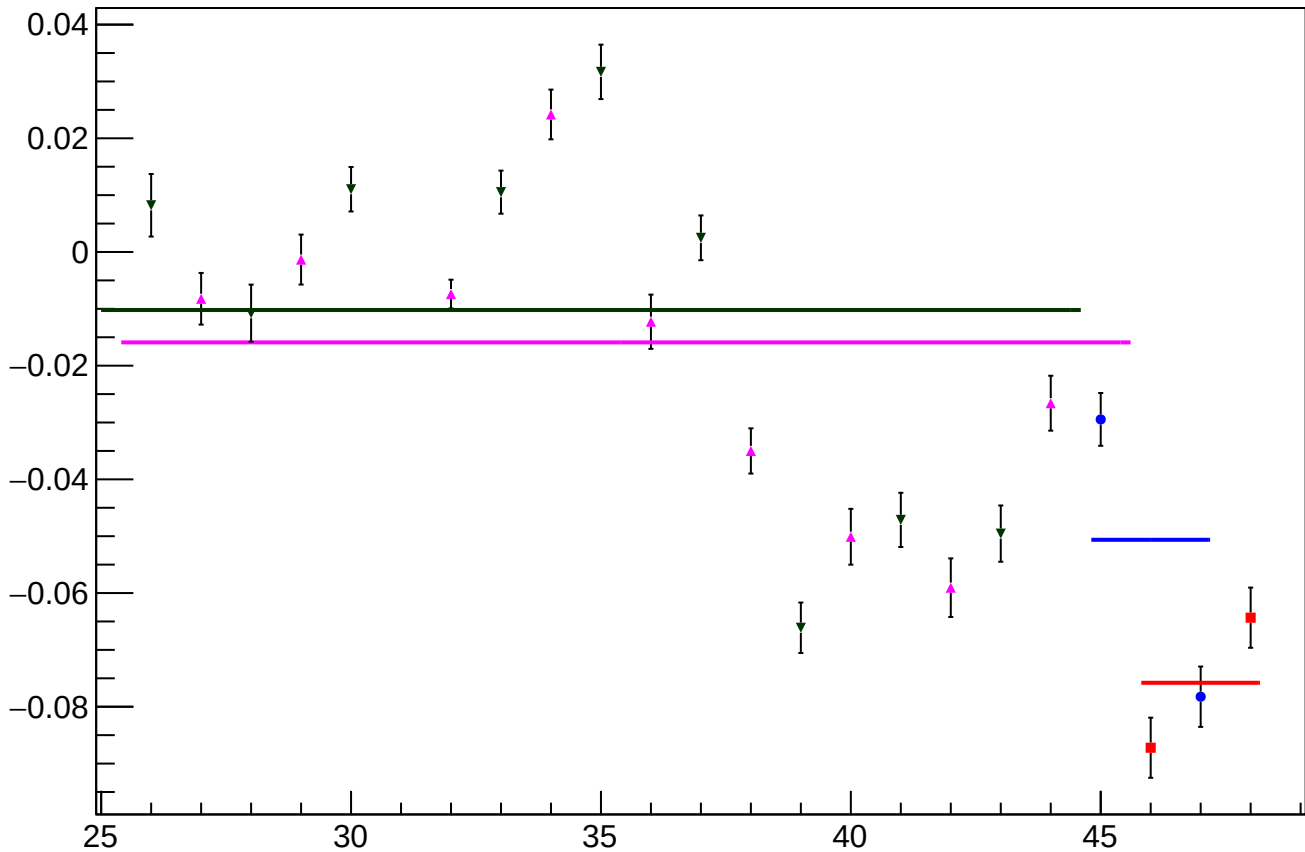
Right Out: 0.551 $\pm$ 0.018 χ^2/NDF : 0.1/1

Left In: 0.087 $\pm$ 0.006 χ^2/NDF :988.4/8

0.116 $\pm$ 0.006 χ^2/NDF : 1839.6/10

0.135 $\pm$ 0.006 χ^2/NDF : 1605.7/10

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

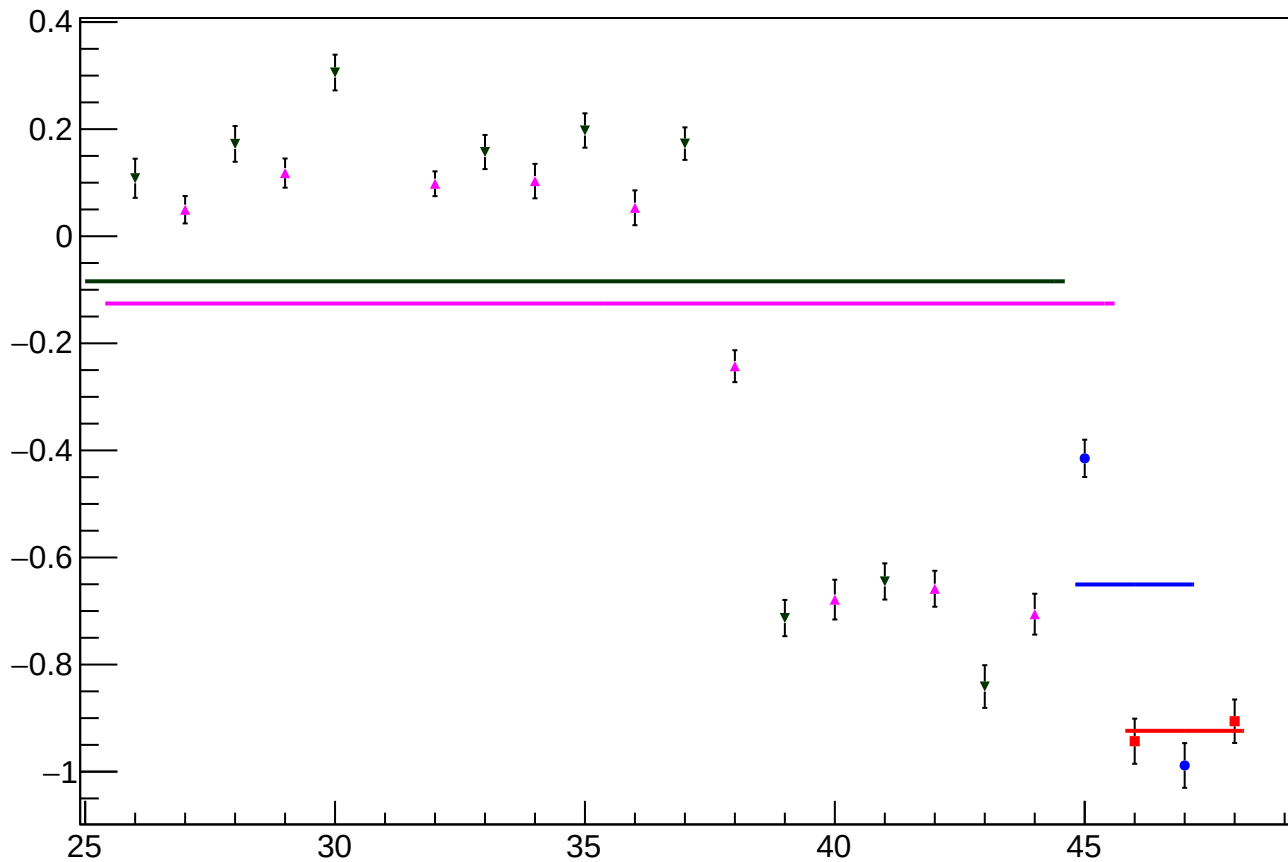
Right Out: -0.076+/-0.004 χ^2/NDF : 9.3/1

Left In: -0.016+/-0.001 χ^2/NDF : 256.4/8

-0.016+/-0.001 χ^2/NDF : 600.7/10

-0.023+/-0.001 χ^2/NDF : 491.9/10

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

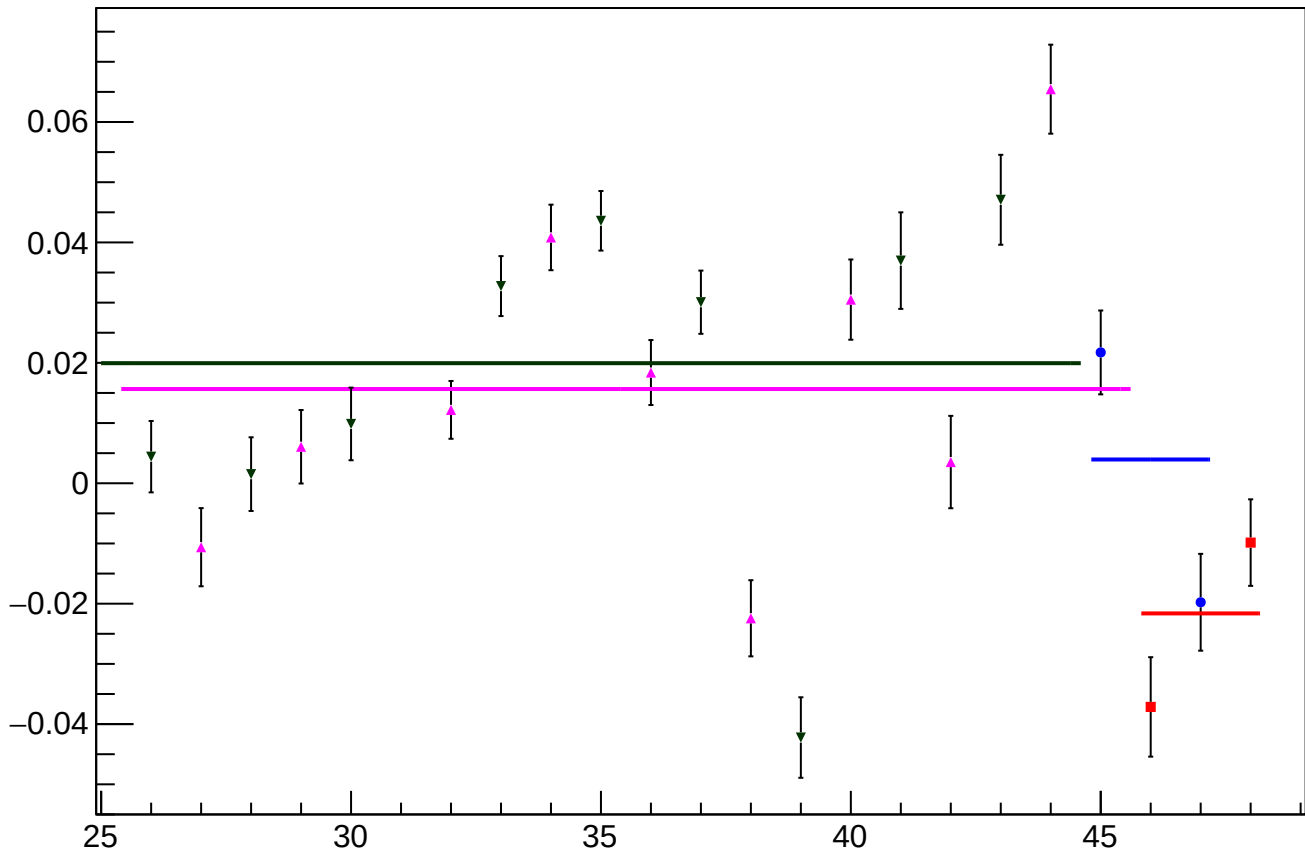
Right Out: -0.924 $\pm$ 0.029 χ^2 /NDF: 0.4/1

Left In: -0.126 $\pm$ 0.010 χ^2 /NDF:1020.3/8

-0.169 $\pm$ 0.010 χ^2 /NDF: 1902.4/10

-0.209 $\pm$ 0.009 χ^2 /NDF: 1688.9/10

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

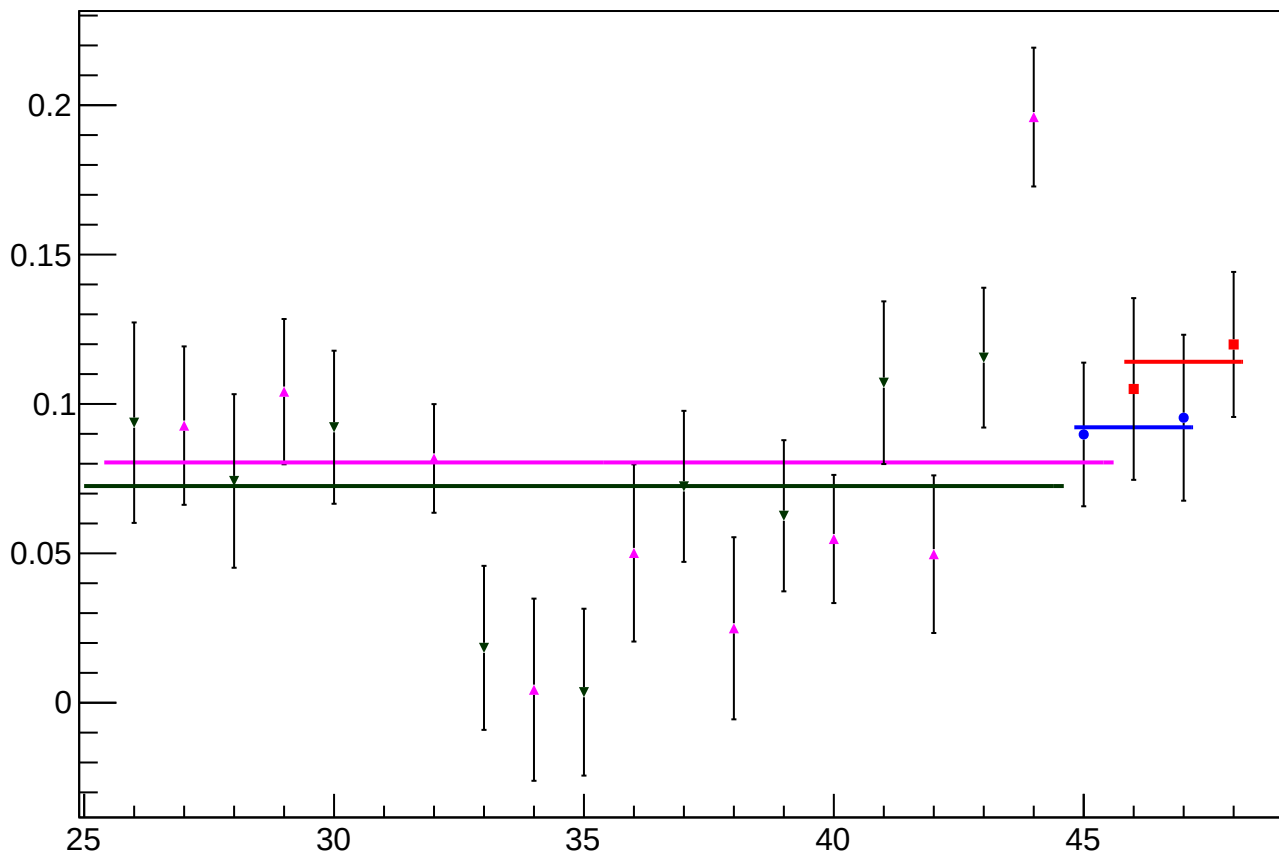
Right Out: -0.022 $\pm$ 0.005 χ^2 /NDF: 6.2/1

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF:130.2/8

0.018 $\pm$ 0.002 χ^2 /NDF: 179.4/10

0.011 $\pm$ 0.002 χ^2 /NDF: 177.9/10

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.092 $\pm$ 0.018 χ^2/NDF : 0.0/1

Left Out: 0.073 $\pm$ 0.009 χ^2/NDF : 16.1/8

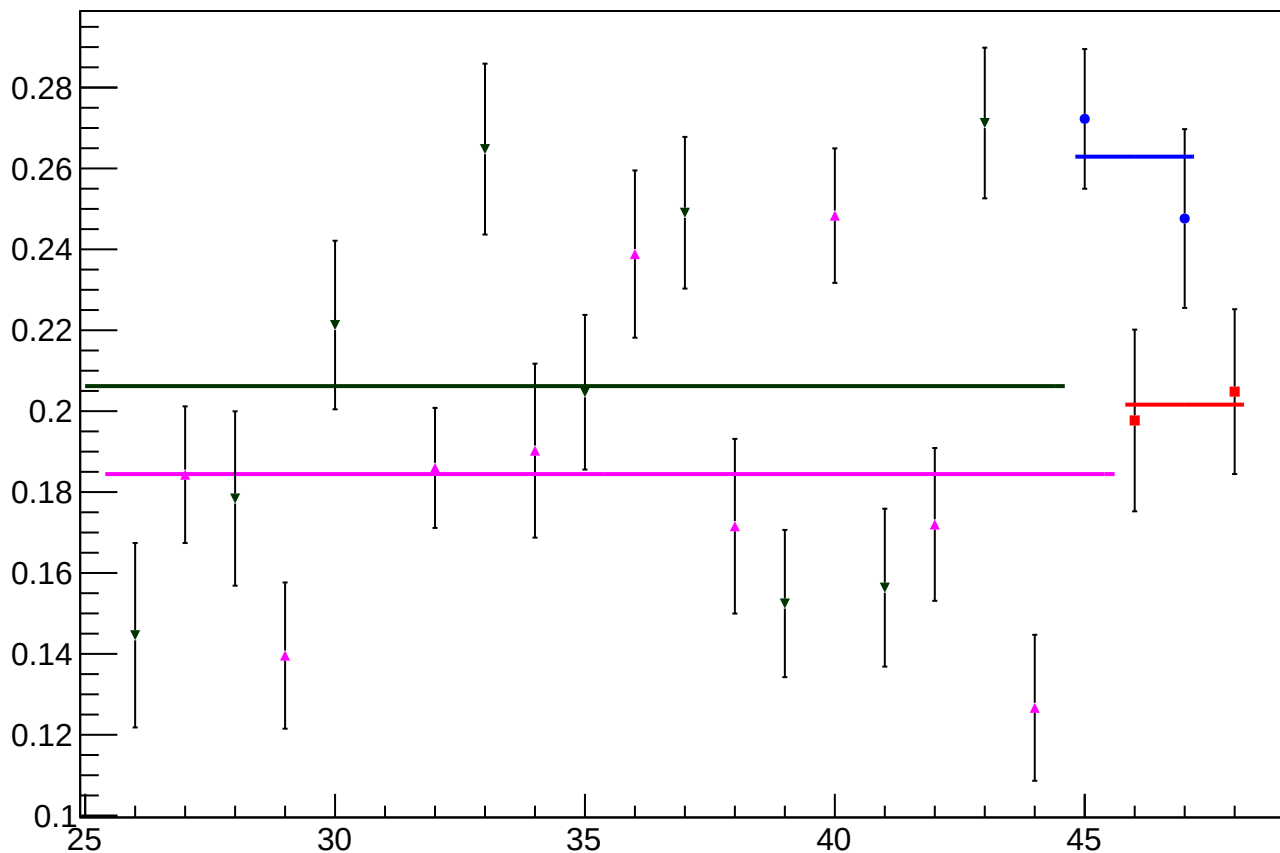
Right Out: 0.114 $\pm$ 0.019 χ^2/NDF : 0.1/1

Left In: 0.080 $\pm$ 0.008 χ^2/NDF : 39.3/8

0.076 $\pm$ 0.008 χ^2/NDF : 17.1/10

0.086 $\pm$ 0.008 χ^2/NDF : 42.1/10

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

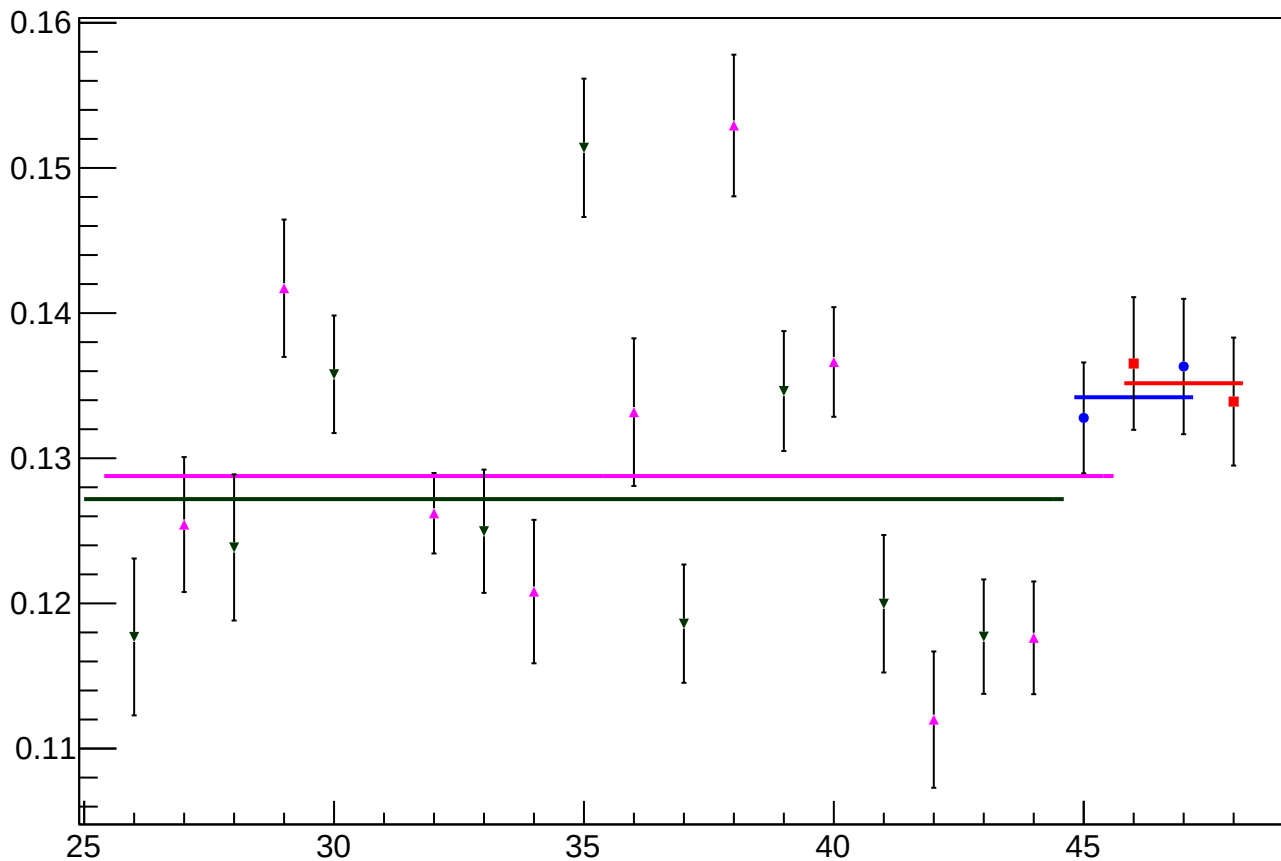
Right Out: 0.202 $\pm$ 0.015 χ^2 /NDF: 0.1/1

Left In: 0.184 $\pm$ 0.006 χ^2 /NDF: 39.0/8

0.217 $\pm$ 0.006 χ^2 /NDF: 64.7/10

0.187 $\pm$ 0.006 χ^2 /NDF: 40.1/10

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

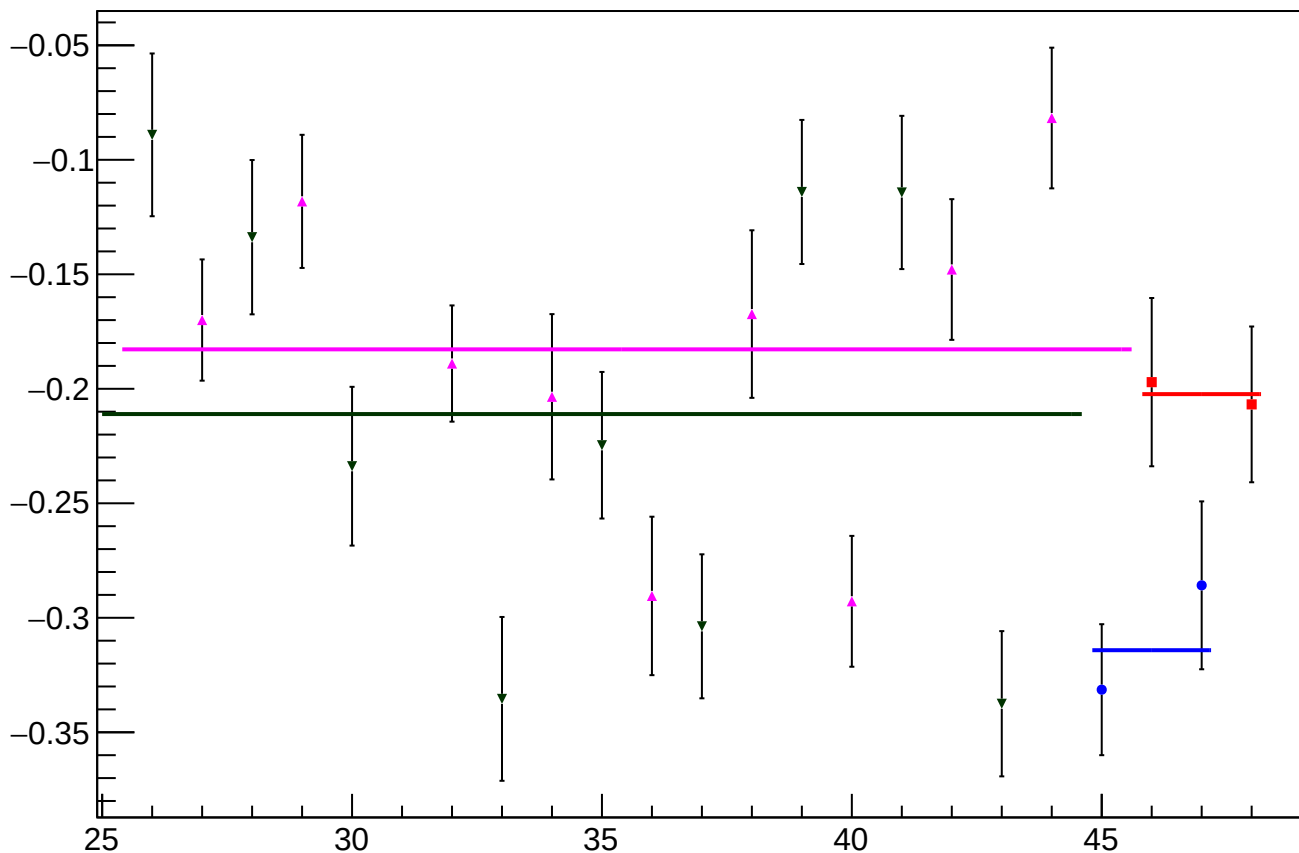
Right Out: 0.135 $\pm$ 0.003 χ^2 /NDF: 0.2/1

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.129 $\pm$ 0.001 χ^2 /NDF: 54.8/10

0.130 $\pm$ 0.001 χ^2 /NDF: 65.6/10

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

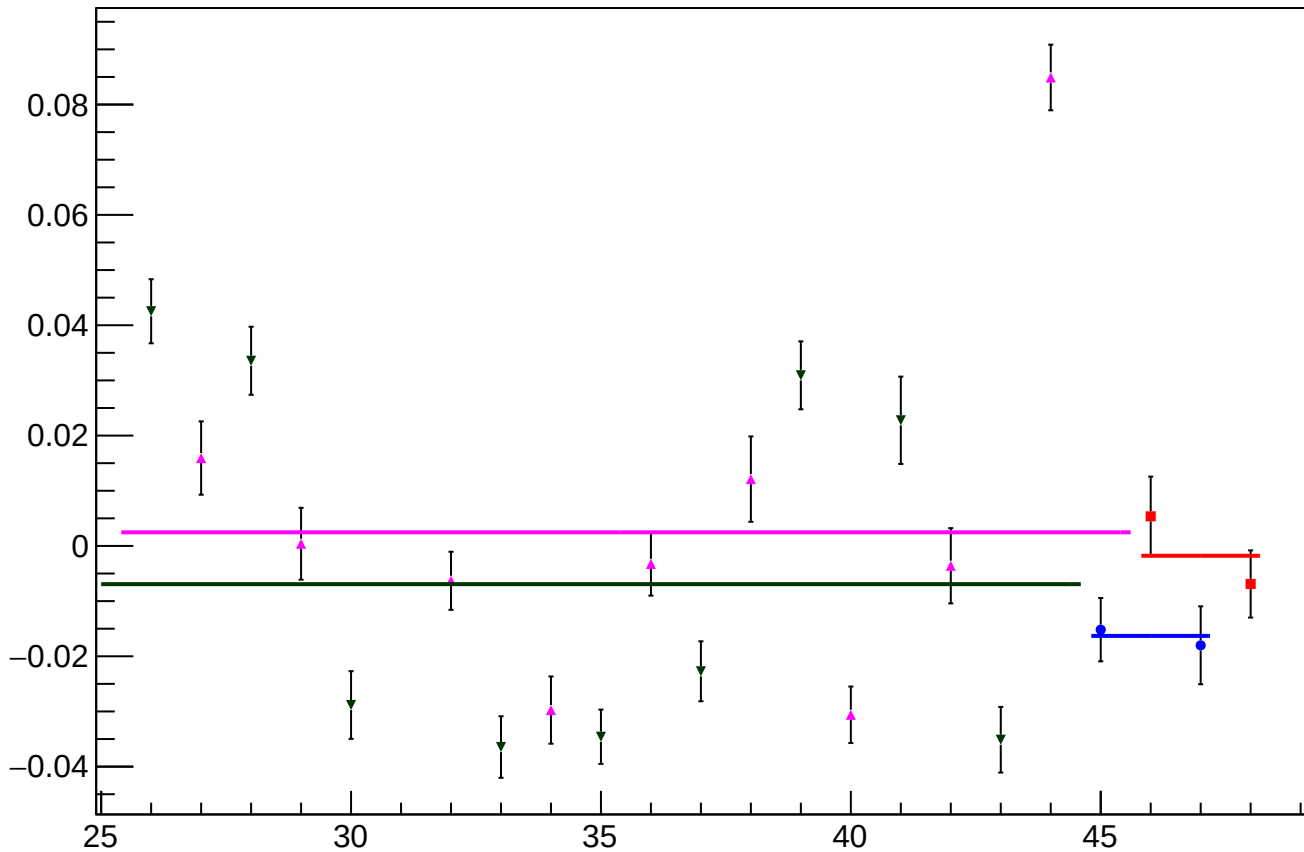
Right Out: -0.202±/0.025 χ^2/NDF : 0.0/1

Left In: -0.183±/0.010 χ^2/NDF : 42.4/8

-0.231±/0.010 χ^2/NDF : 90.0/10

-0.186±/0.009 χ^2/NDF : 42.9/10

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.016 $\pm$ 0.004 χ^2 /NDF: 0.1/1

Left Out: -0.007 $\pm$ 0.002 χ^2 /NDF:270.8/8

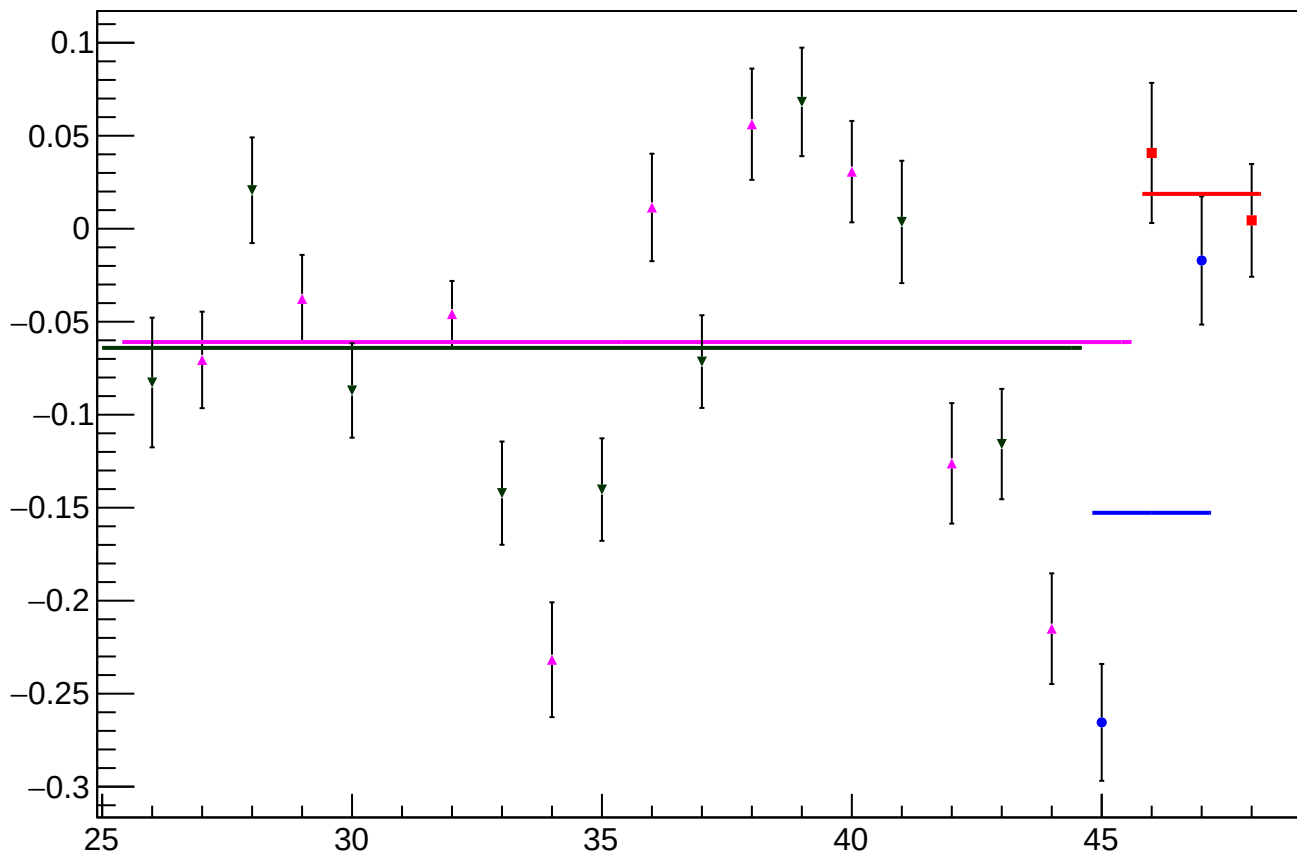
Right Out: -0.002 $\pm$ 0.005 χ^2 /NDF: 1.7/1

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF:272.2/8

-0.008 $\pm$ 0.002 χ^2 /NDF: 274.6/10

0.002 $\pm$ 0.002 χ^2 /NDF: 274.6/10

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.153+/-0.023 χ^2/NDF : 28.4/1

Left Out: -0.064+/-0.010 χ^2/NDF : 53.5/8

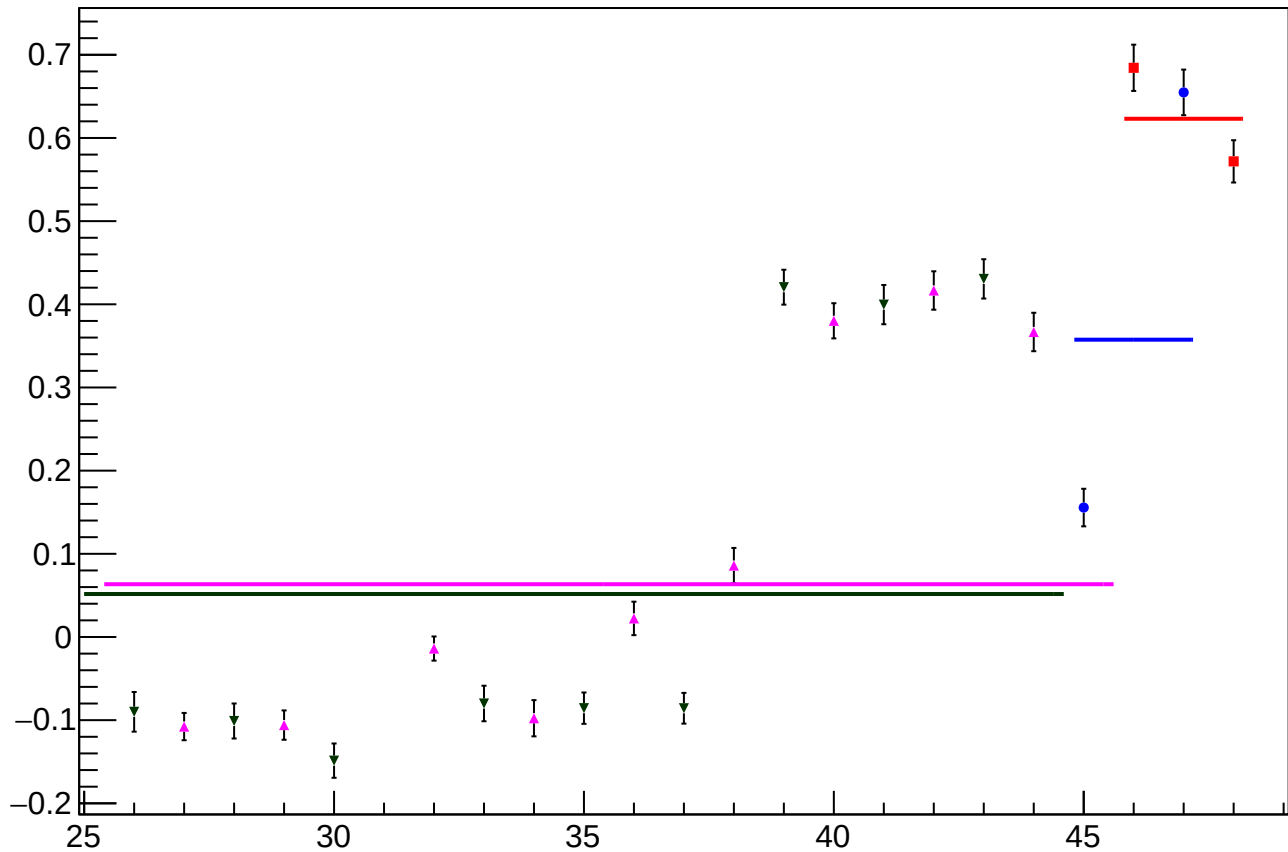
Right Out: 0.019+/-0.024 χ^2/NDF : 0.6/1

Left In: -0.061+/-0.009 χ^2/NDF : 96.2/8

-0.077+/-0.009 χ^2/NDF : 94.4/10

-0.051+/-0.008 χ^2/NDF : 106.8/10

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

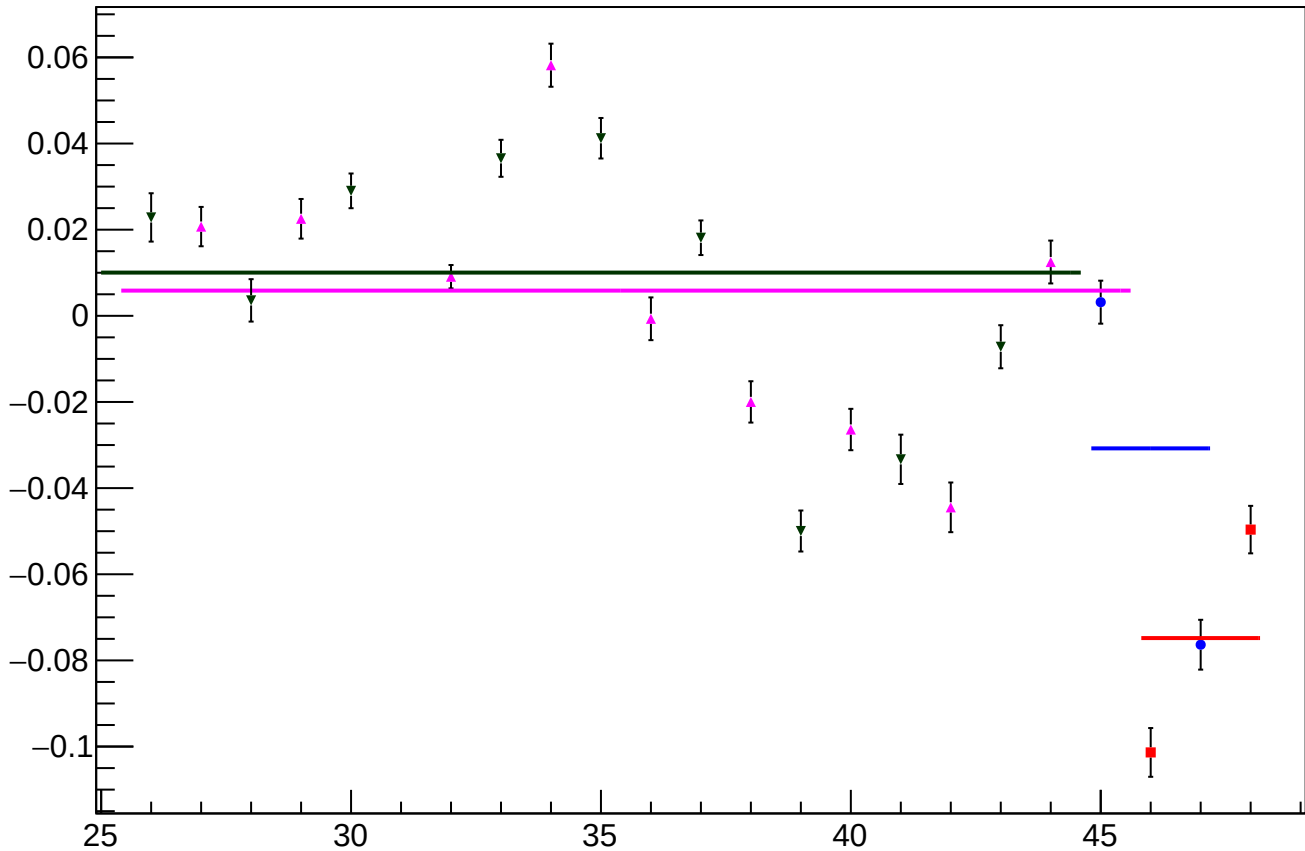
Right Out: 0.623 $\pm$ 0.019 χ^2 /NDF: 8.9/1

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:919.9/8

0.095 $\pm$ 0.007 χ^2 /NDF: 1574.1/10

0.122 $\pm$ 0.006 χ^2 /NDF: 1725.5/10

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.031 $\pm$ 0.004 χ^2 /NDF: 108.4/1

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:343.5/8

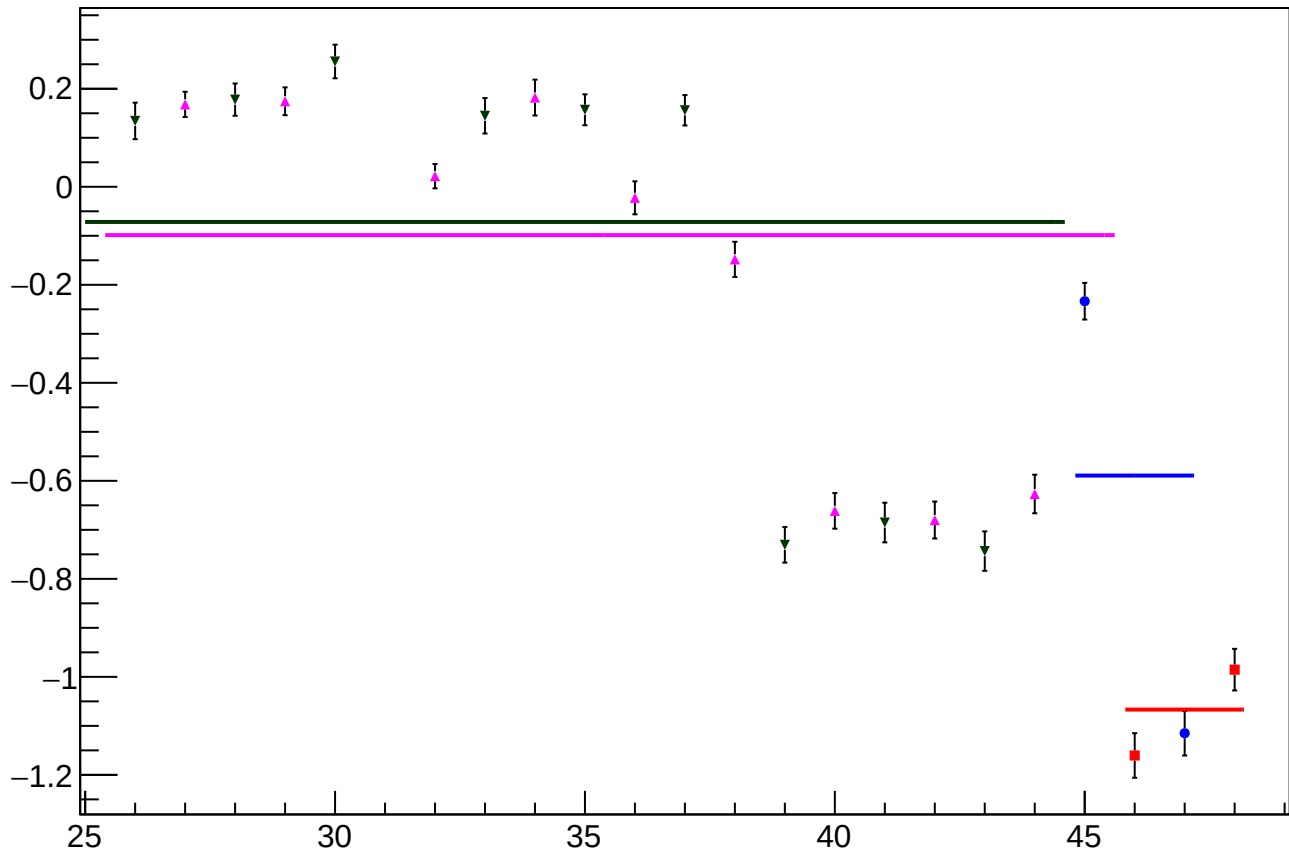
Right Out: -0.075 $\pm$ 0.004 χ^2 /NDF: 42.9/1

Left In: 0.006 $\pm$ 0.001 χ^2 /NDF:288.4/8

0.004 $\pm$ 0.001 χ^2 /NDF: 551.6/10

-0.004 $\pm$ 0.001 χ^2 /NDF: 698.3/10

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.589+/-0.029 χ^2 /NDF: 224.2/1

Left Out: -0.072+/-0.012 χ^2 /NDF:1160.0/8

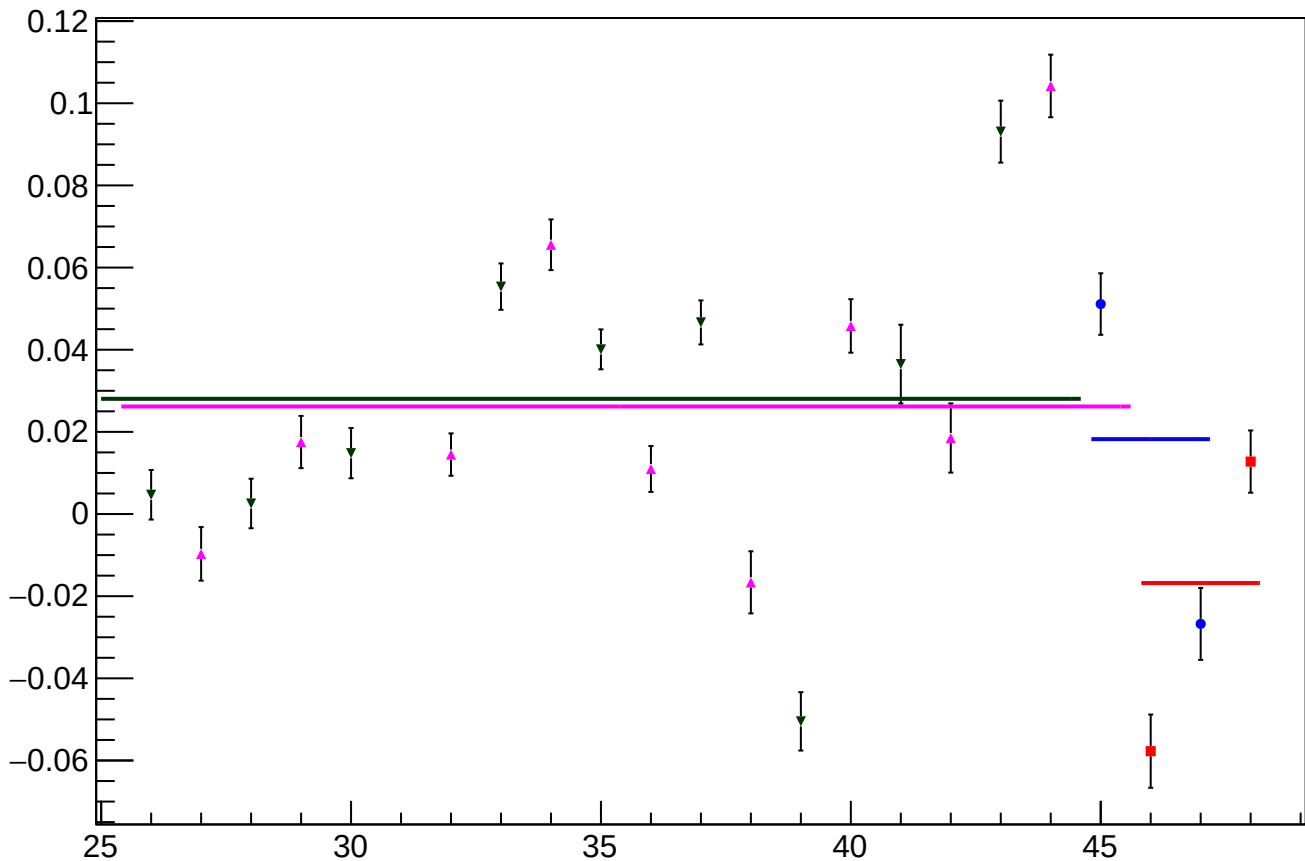
Right Out: -1.067+/-0.031 χ^2 /NDF: 7.9/1

Left In: -0.099+/-0.011 χ^2 /NDF:947.3/8

-0.145+/-0.011 χ^2 /NDF: 1659.8/10

-0.200+/-0.010 χ^2 /NDF: 1826.0/10

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.018+/-0.006 χ^2/NDF : 45.6/1

Left Out: 0.028+/-0.002 χ^2/NDF : 276.2/8

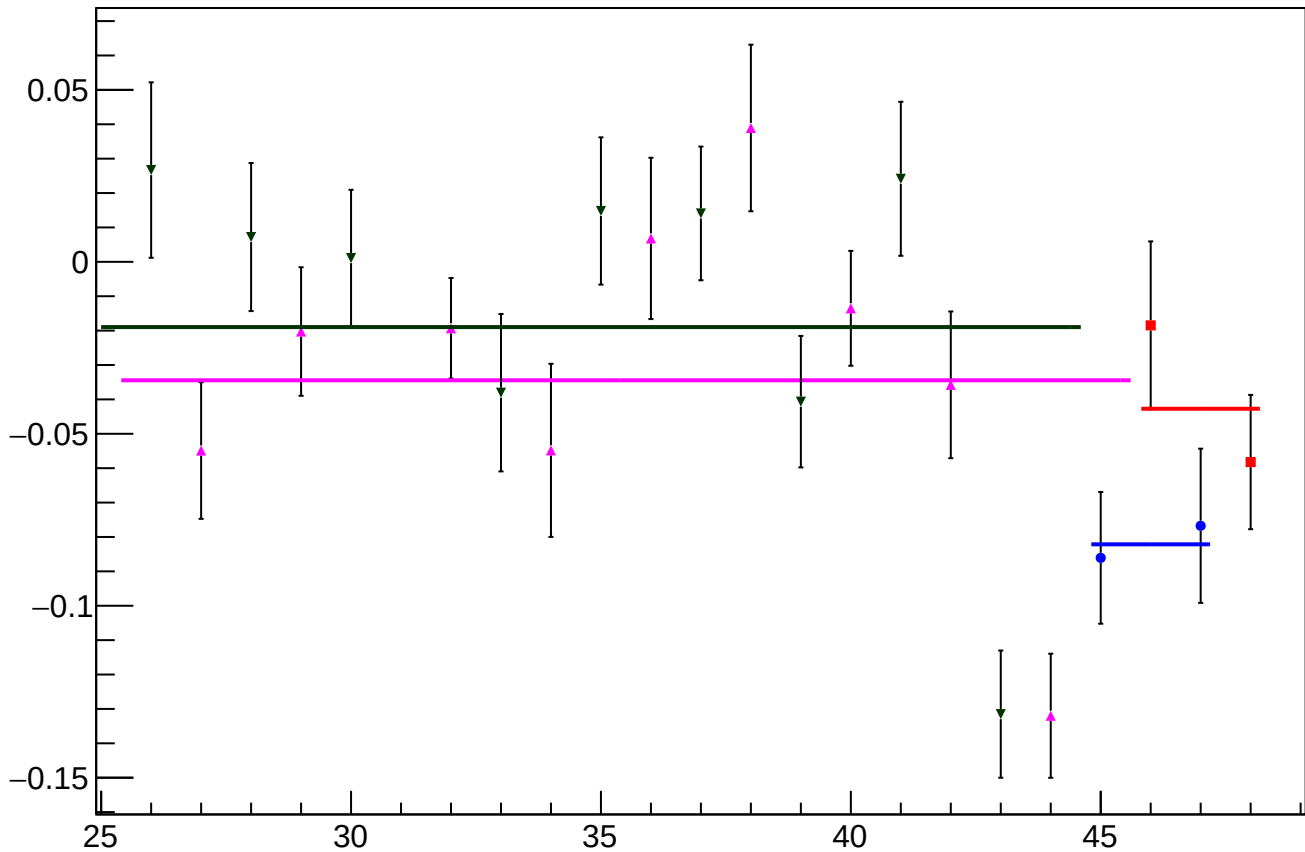
Right Out: -0.017+/-0.006 χ^2/NDF : 36.3/1

Left In: 0.026+/-0.002 χ^2/NDF : 232.3/8

0.027+/-0.002 χ^2/NDF : 324.5/10

0.021+/-0.002 χ^2/NDF : 317.3/10

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

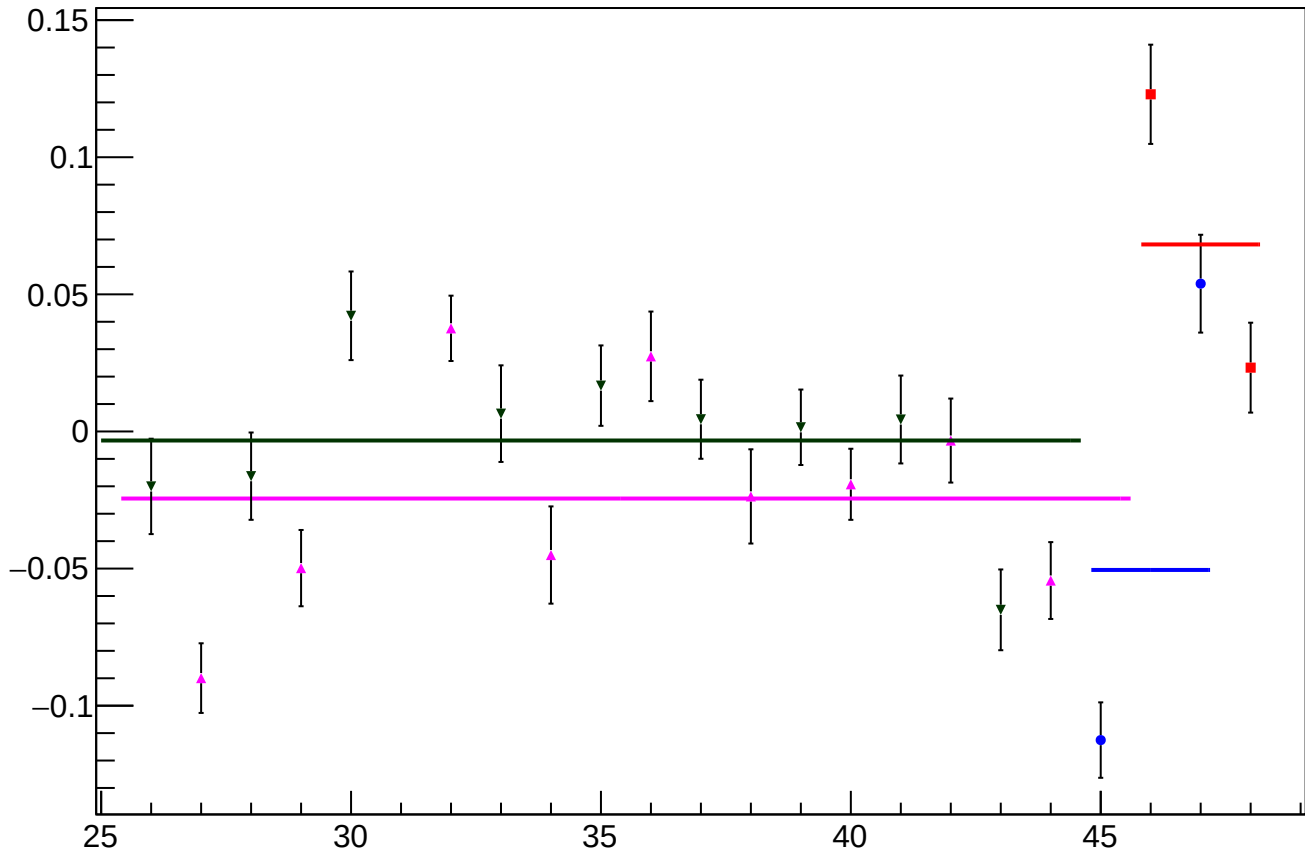
Right Out: -0.043 $\pm$ 0.015 χ^2/NDF : 1.6/1

Left In: -0.034 $\pm$ 0.006 χ^2/NDF : 46.4/8

-0.031 $\pm$ 0.006 χ^2/NDF : 69.2/10

-0.036 $\pm$ 0.006 χ^2/NDF : 48.3/10

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

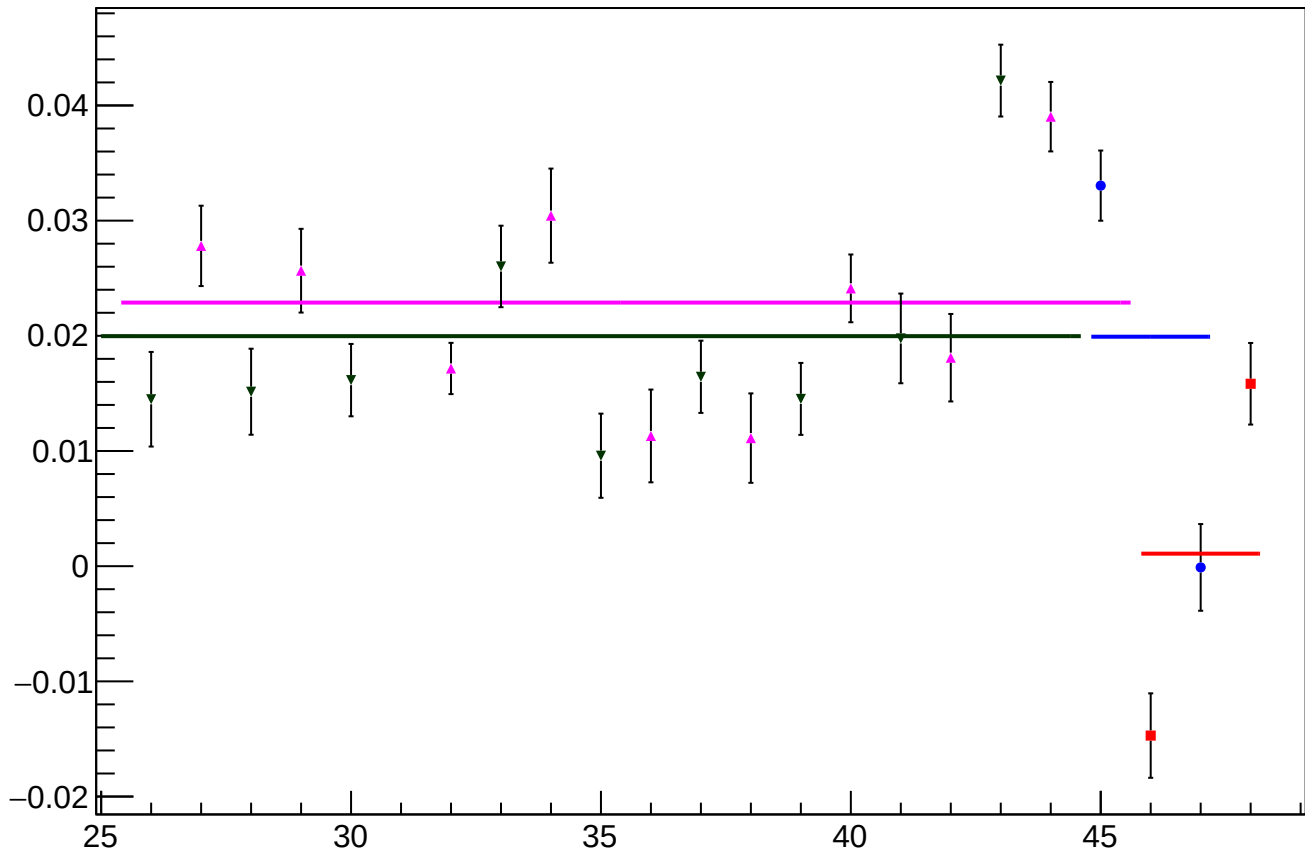
Right Out: 0.068 ± 0.012 χ^2/NDF : 16.7/1

Left In: -0.024 ± 0.005 χ^2/NDF : 75.1/8

-0.012 ± 0.005 χ^2/NDF : 99.8/10

-0.012 ± 0.004 χ^2/NDF : 142.2/10

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.020 +/- 0.002 χ^2/NDF : 46.9/1

Left Out: 0.020 +/- 0.001 χ^2/NDF : 70.9/8

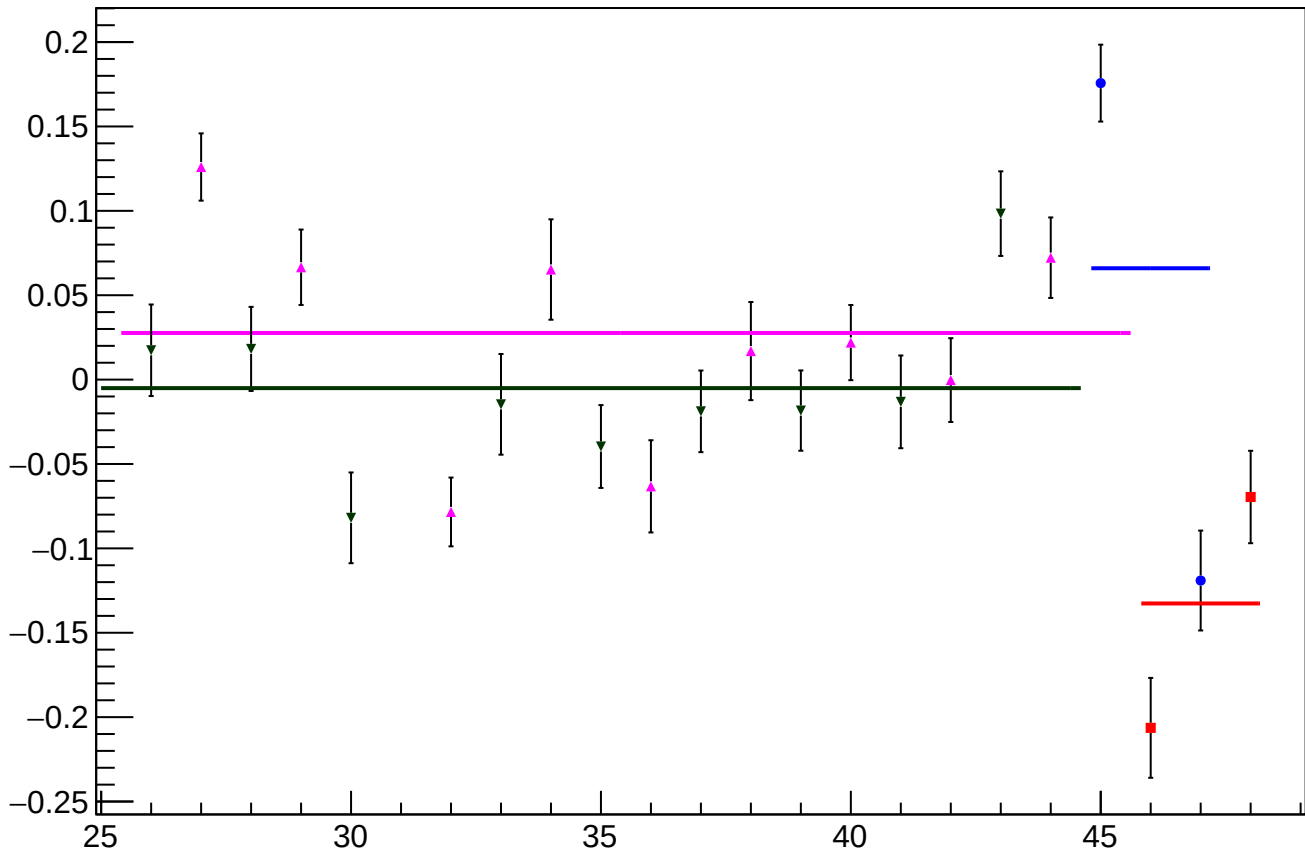
Right Out: 0.001 +/- 0.003 χ^2/NDF : 35.9/1

Left In: 0.023 +/- 0.001 χ^2/NDF : 60.5/8

0.020 +/- 0.001 χ^2/NDF : 117.7/10

0.020 +/- 0.001 χ^2/NDF : 158.3/10

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.066 ± 0.018 $\chi^2/\text{NDF}: 62.3/1$

Left Out: -0.005 ± 0.009 $\chi^2/\text{NDF}: 29.5/8$

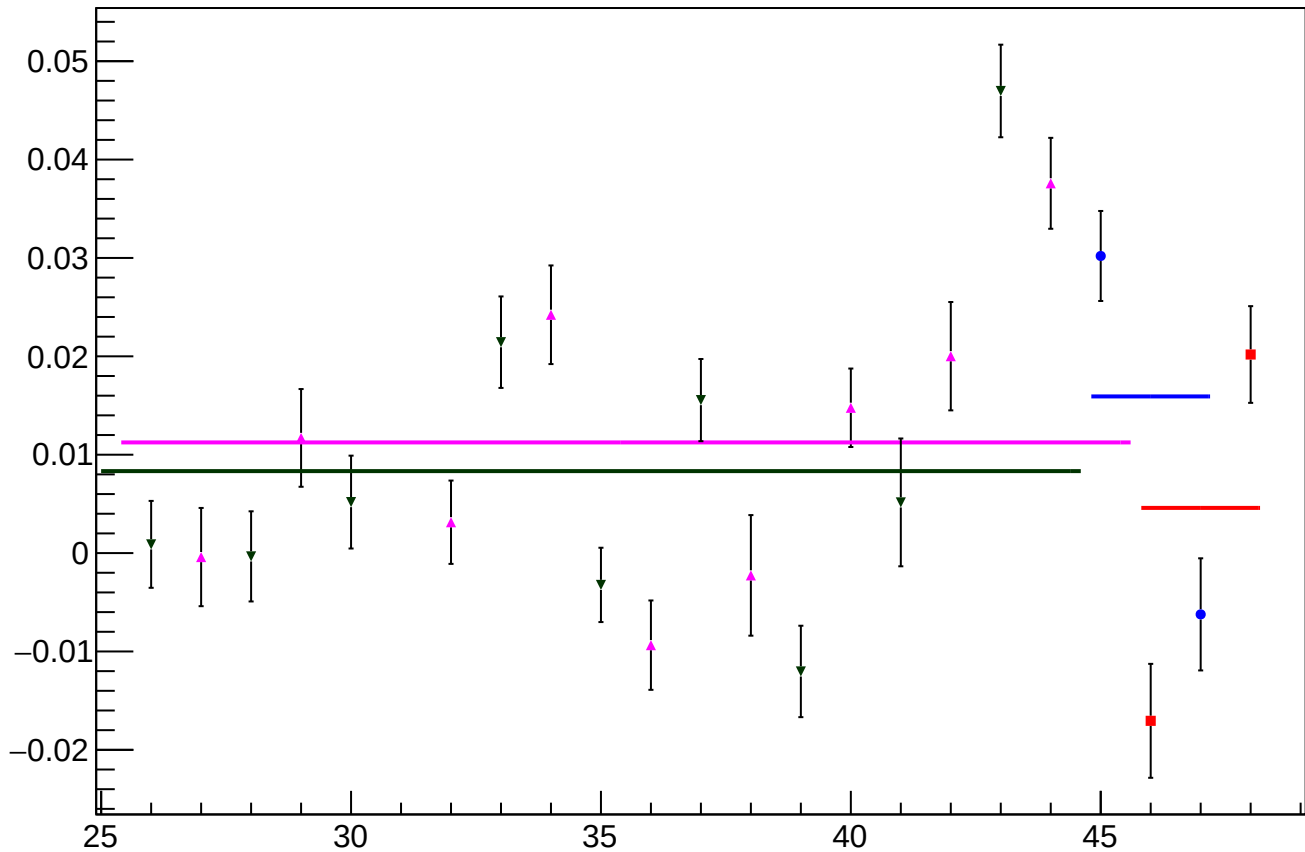
Right Out: -0.133 ± 0.020 $\chi^2/\text{NDF}: 11.5/1$

Left In: 0.028 ± 0.008 $\chi^2/\text{NDF}: 72.1/8$

0.008 ± 0.008 $\chi^2/\text{NDF}: 104.5/10$

0.006 ± 0.007 $\chi^2/\text{NDF}: 138.7/10$

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.016+/-0.004 χ^2/NDF : 24.9/1

Left Out: 0.008+/-0.002 χ^2/NDF : 114.0/8

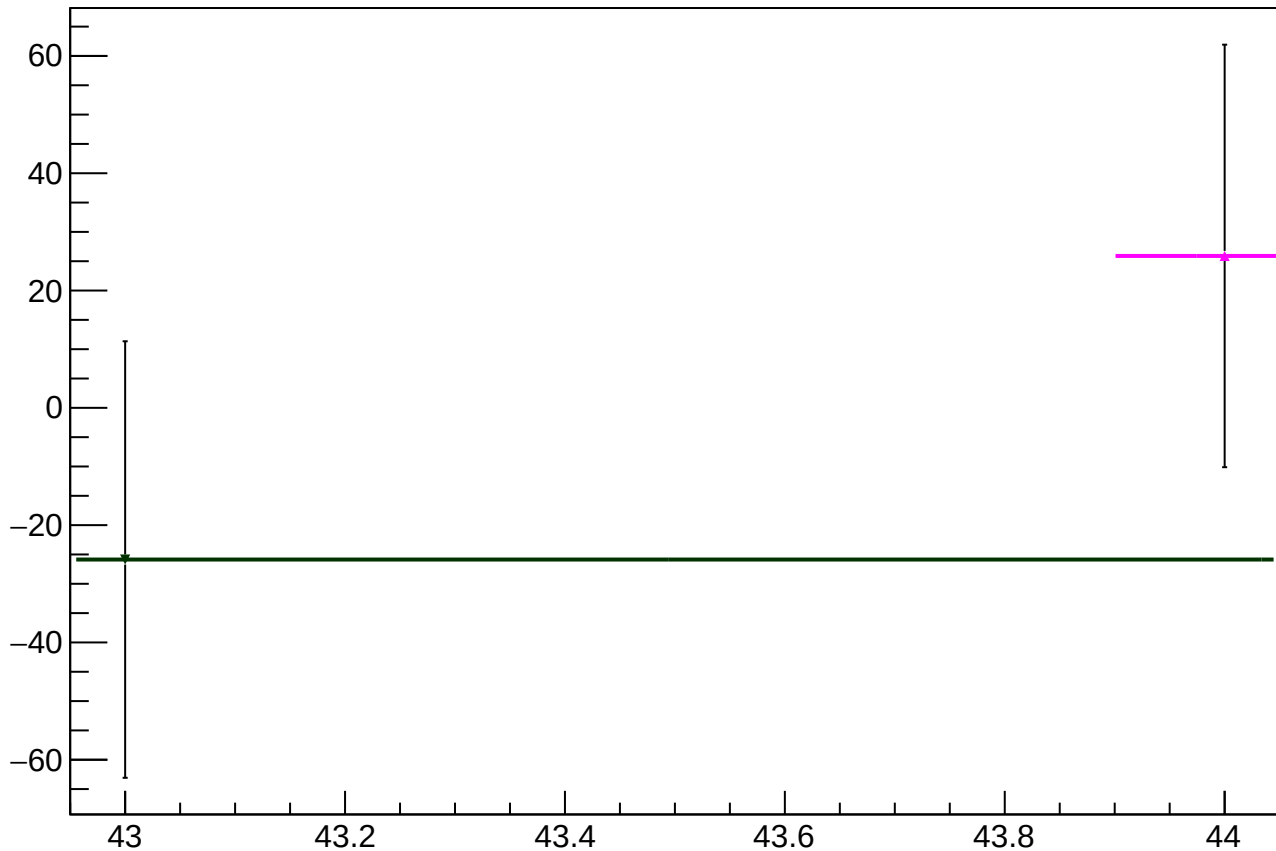
Right Out: 0.005+/-0.004 χ^2/NDF : 24.0/1

Left In: 0.011+/-0.002 χ^2/NDF : 77.1/8

0.009+/-0.001 χ^2/NDF : 142.7/10

0.010+/-0.001 χ^2/NDF : 103.8/10

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

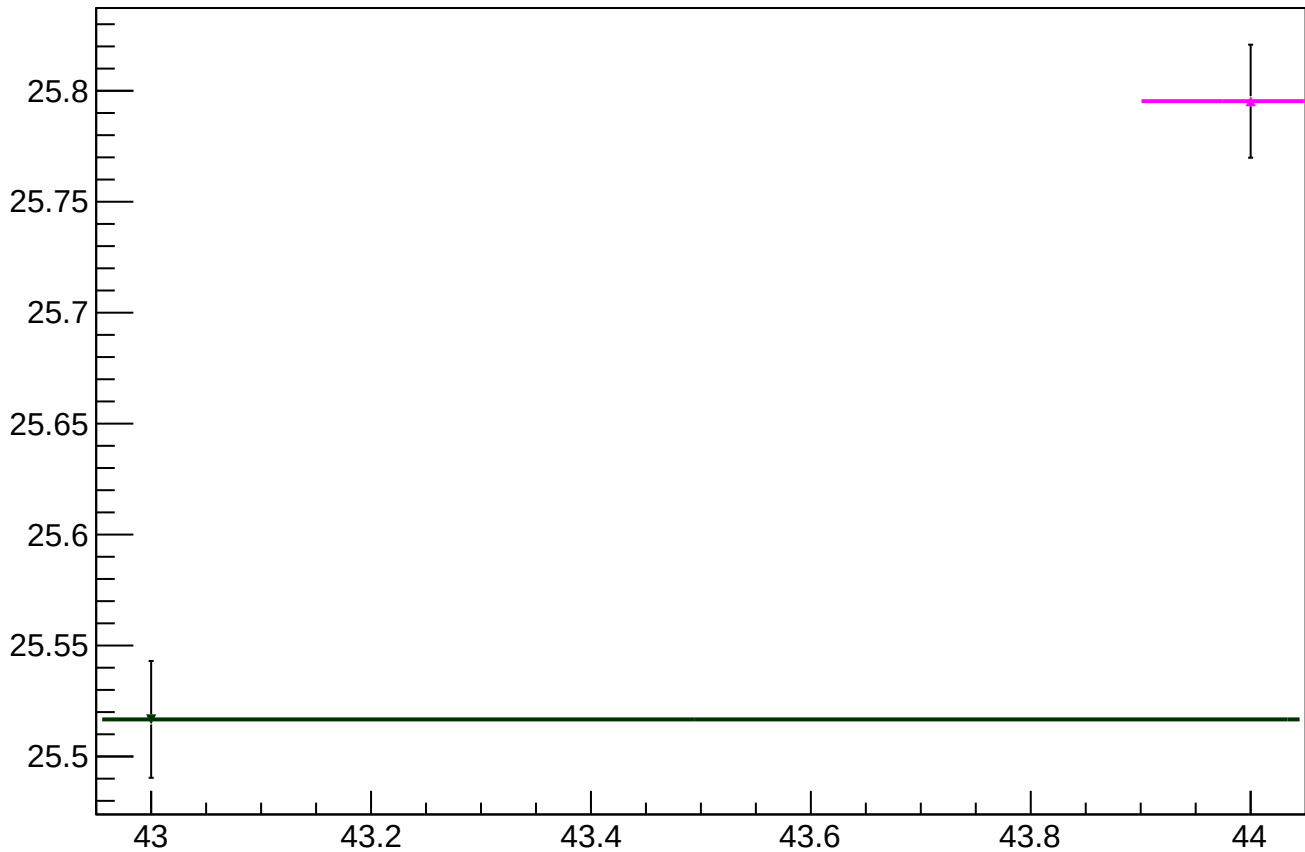
Left Out: -25.864+/-37.215 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.517+/-0.026 χ^2/NDF : 0.0/0

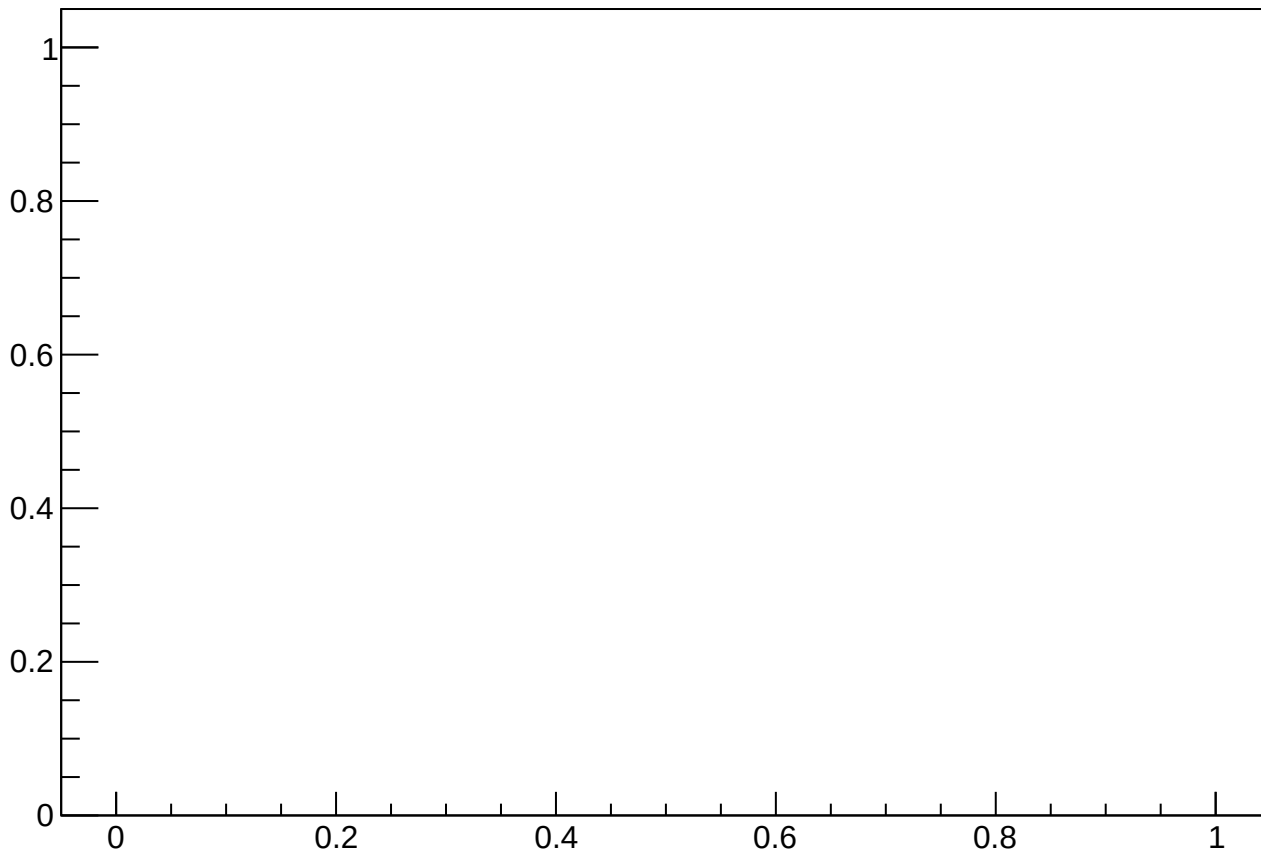
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.795+/-0.025 χ^2/NDF : 0.0/0

25.517+/-0.026 χ^2/NDF : 0.0/0

25.795+/-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

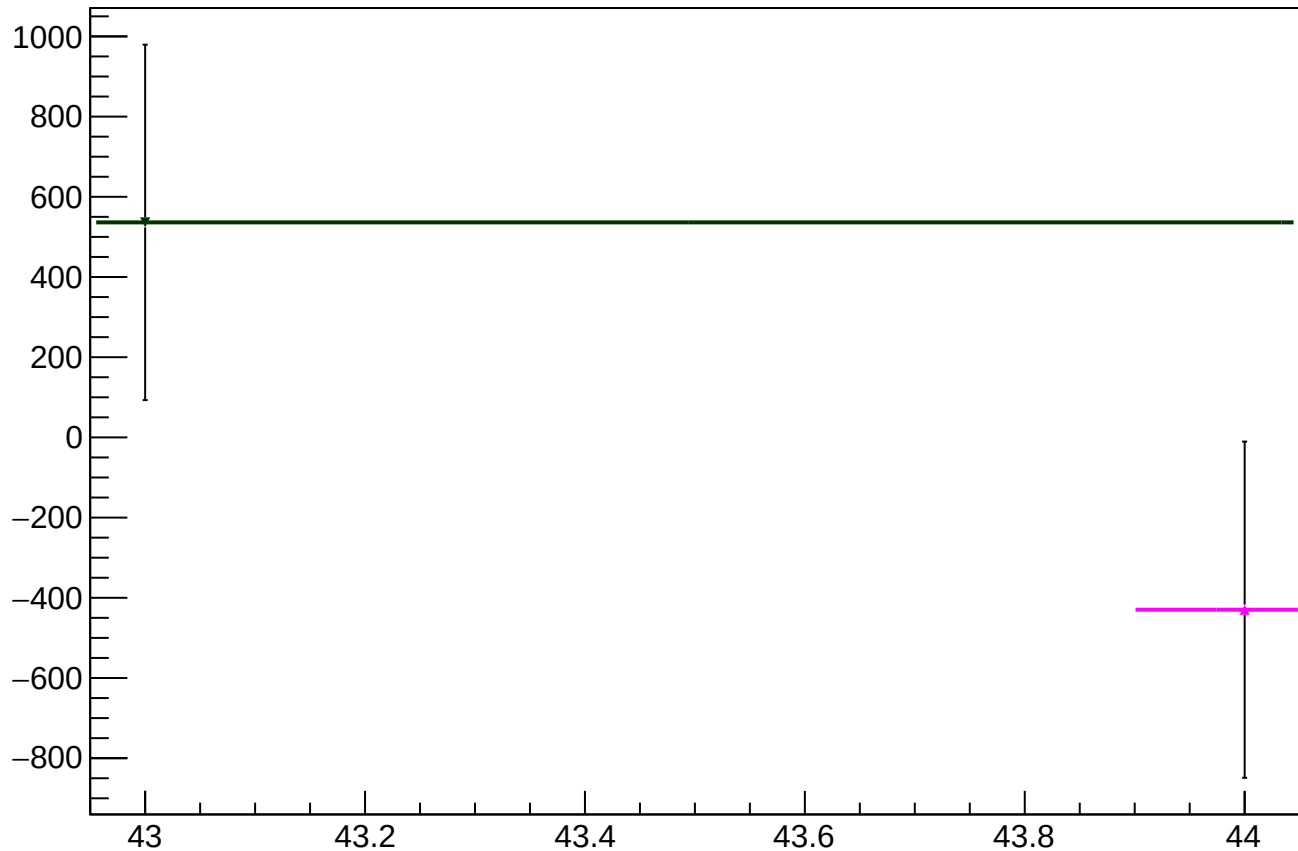
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

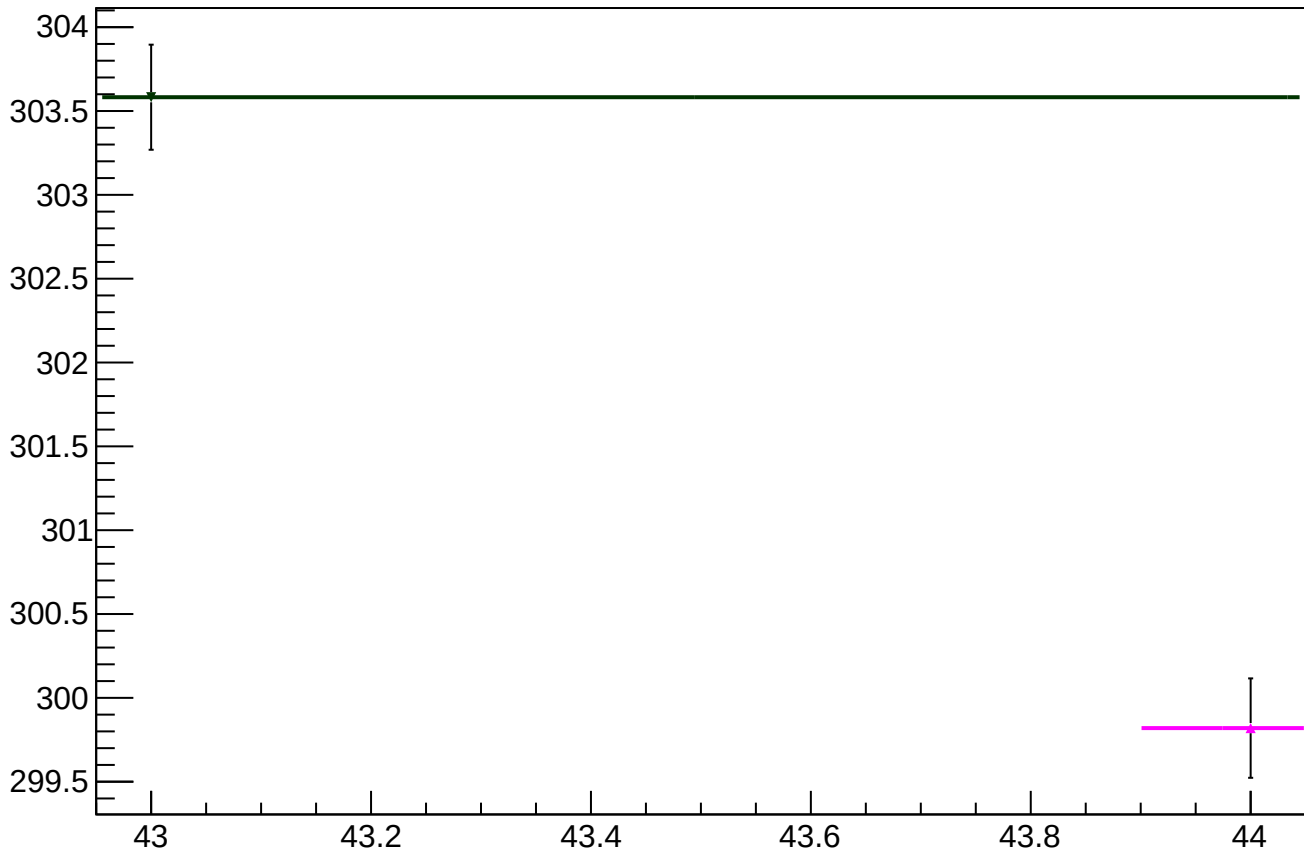
536.234+/-443.159 χ^2 /NDF: 0.0/0

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

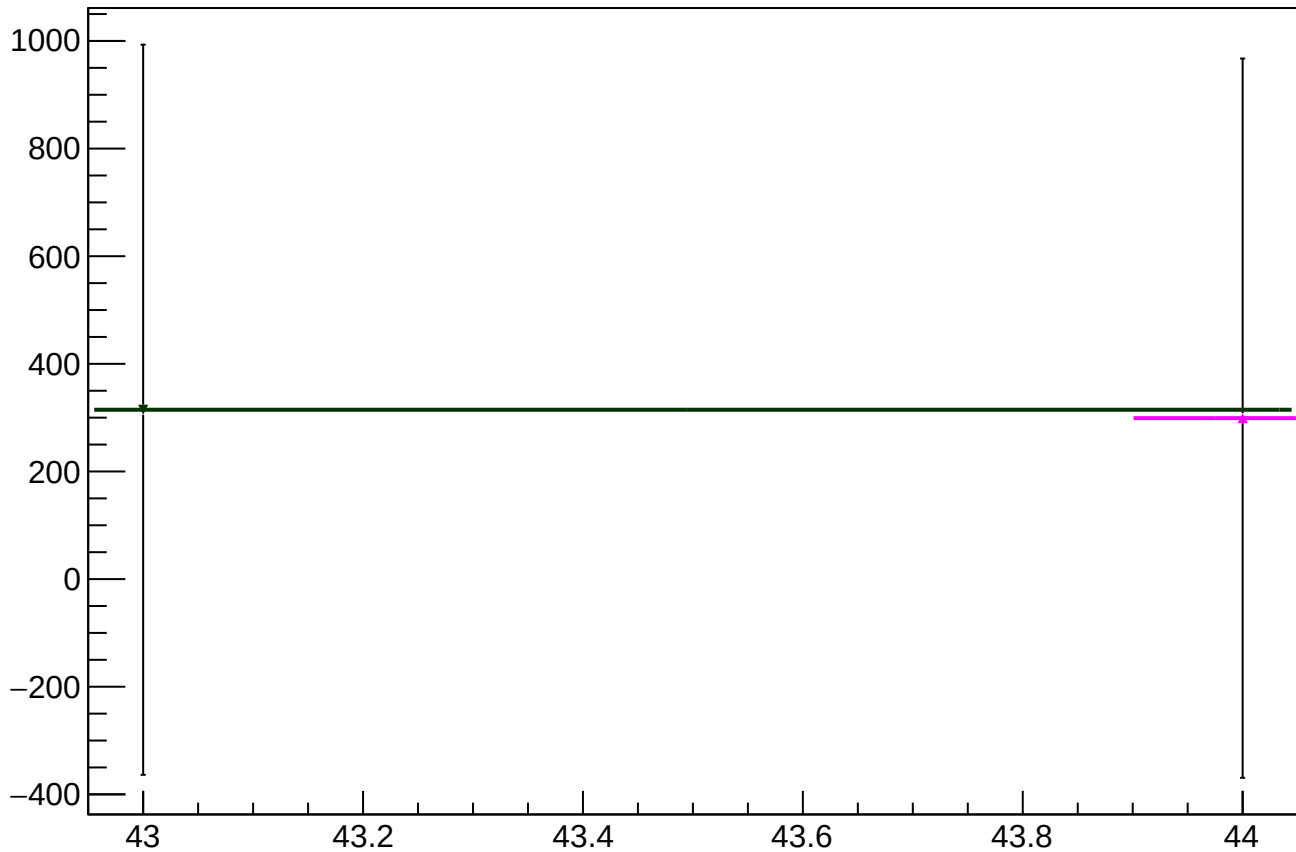
303.582+/-0.313 χ^2/NDF : 0.0/0

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

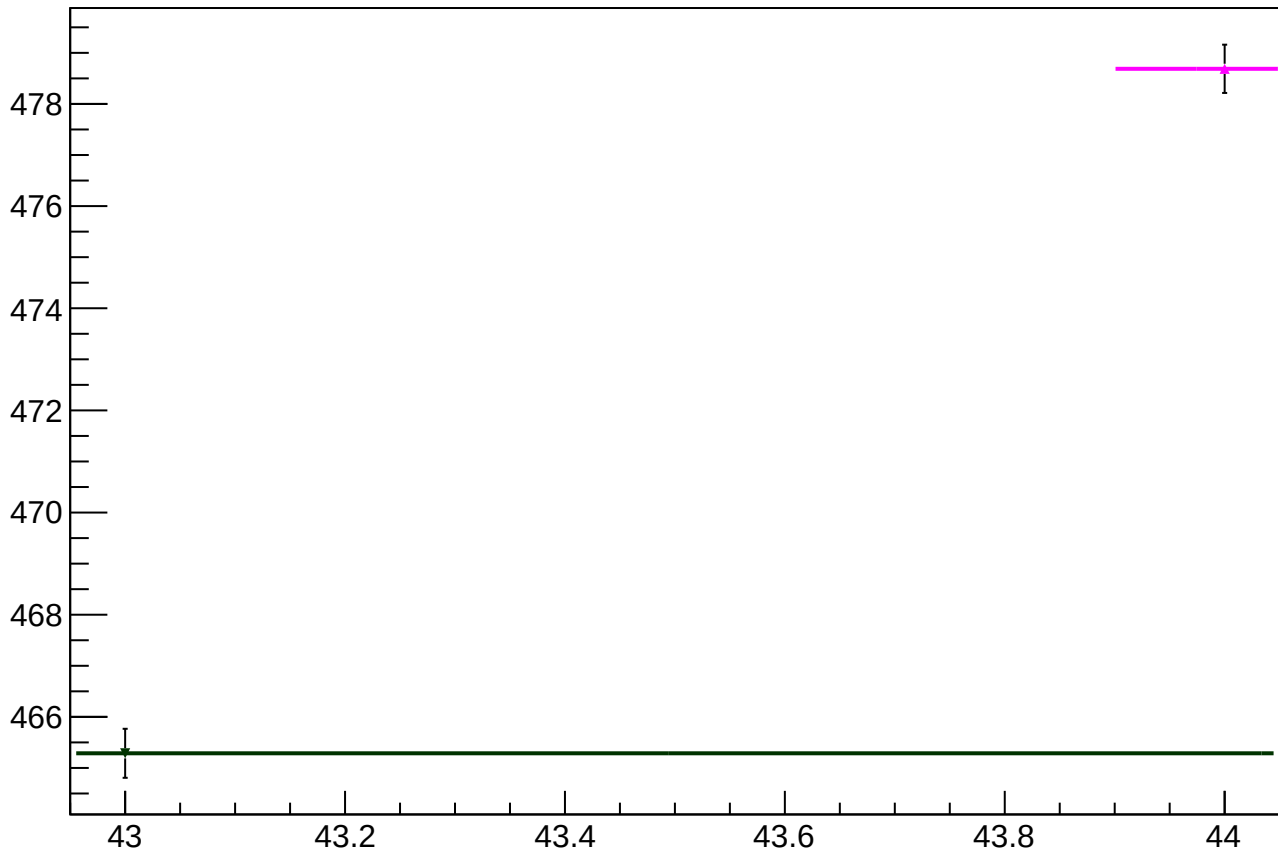
314.697+/-678.402 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 465.287+/-0.480 χ^2/NDF : 0.0/0

465.287+/-0.480 χ^2/NDF : 0.0/0

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

478.688+/-0.473 χ^2/NDF : 0.0/0

Left In: 478.688+/-0.473 χ^2/NDF : 0.0/0

asym_ds_agg_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_avg_rms vs slug



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

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

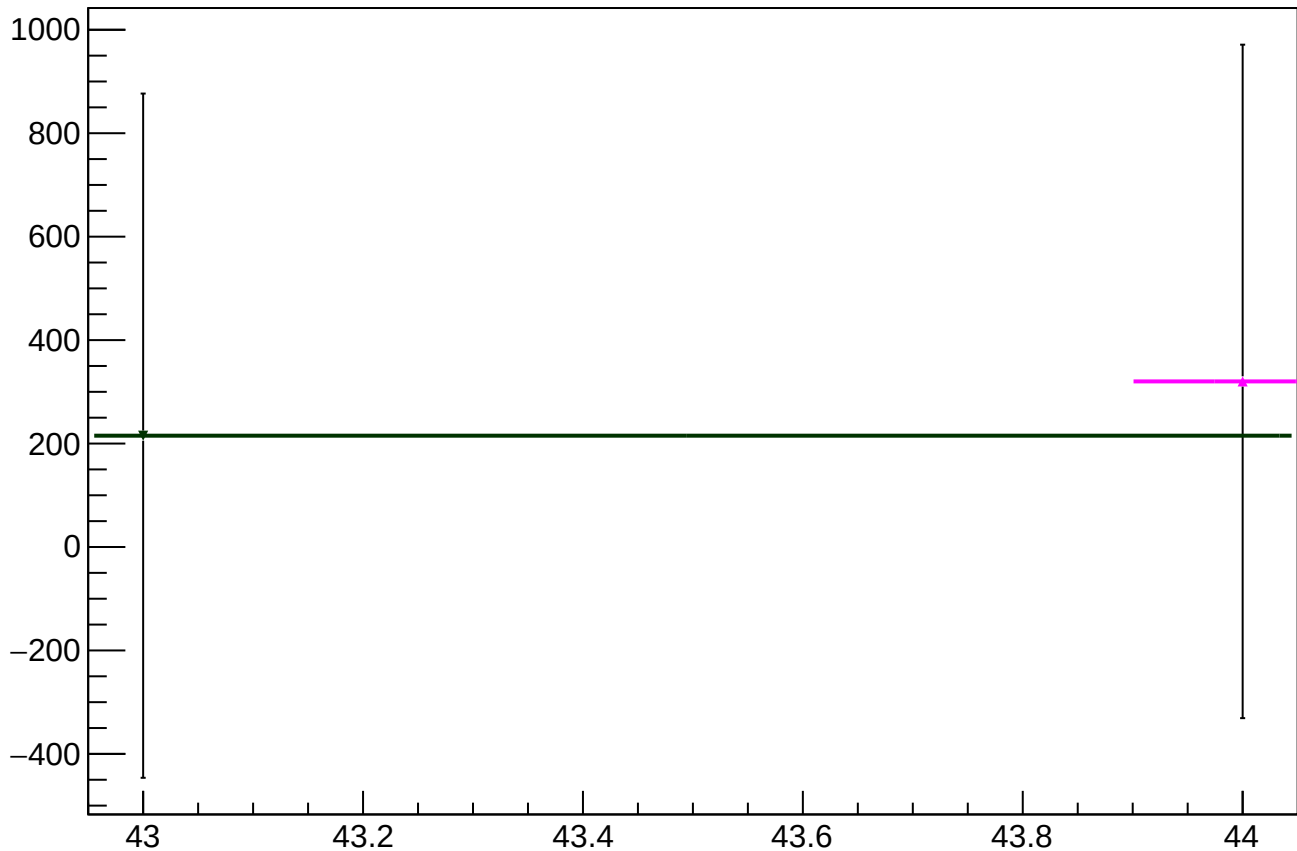
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_mean vs slug



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

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

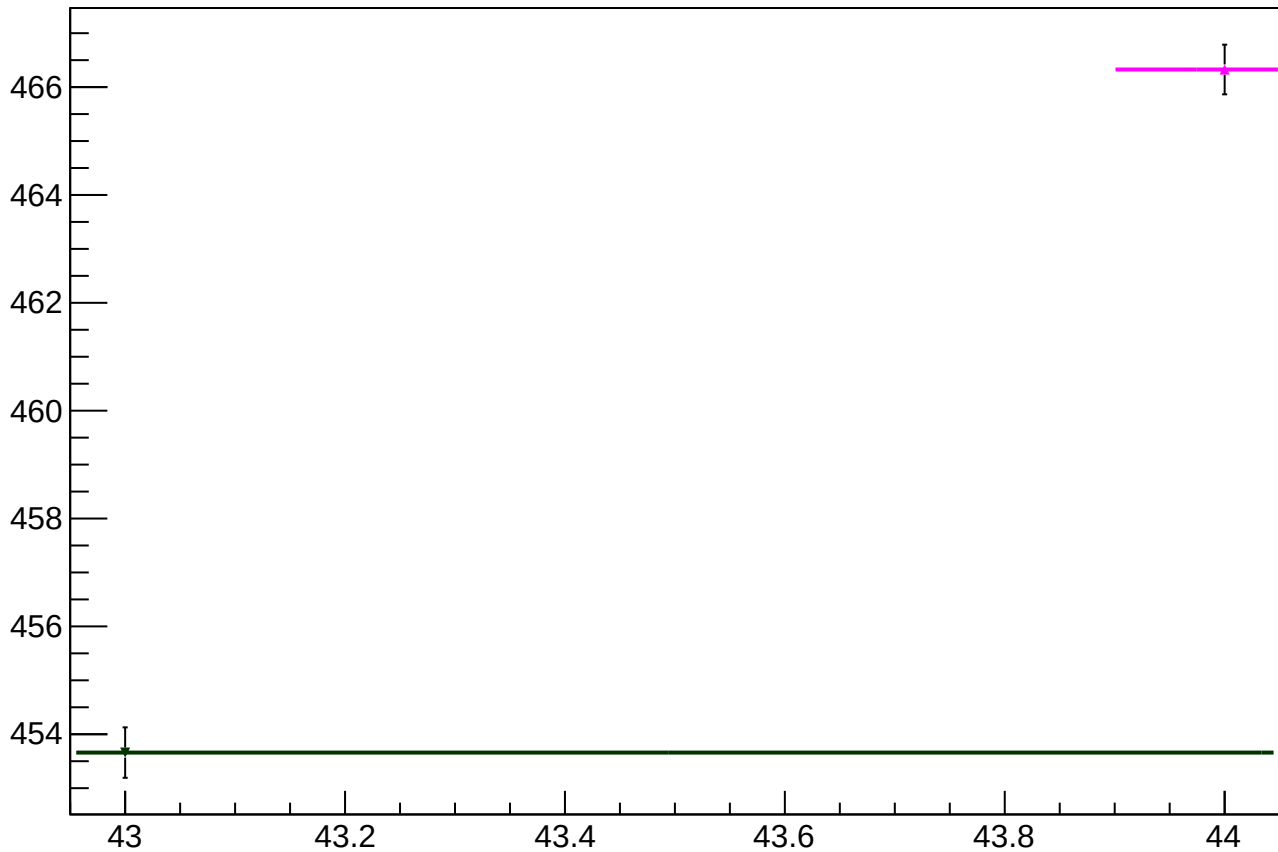
215.223+/-661.440 χ^2/NDF : 0.0/0

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

320.160+/-651.039 χ^2/NDF : 0.0/0

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

asym_ds_agg_dd_rms vs slug



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

Left Out: 453.660+/-0.468 χ^2/NDF : 0.0/0

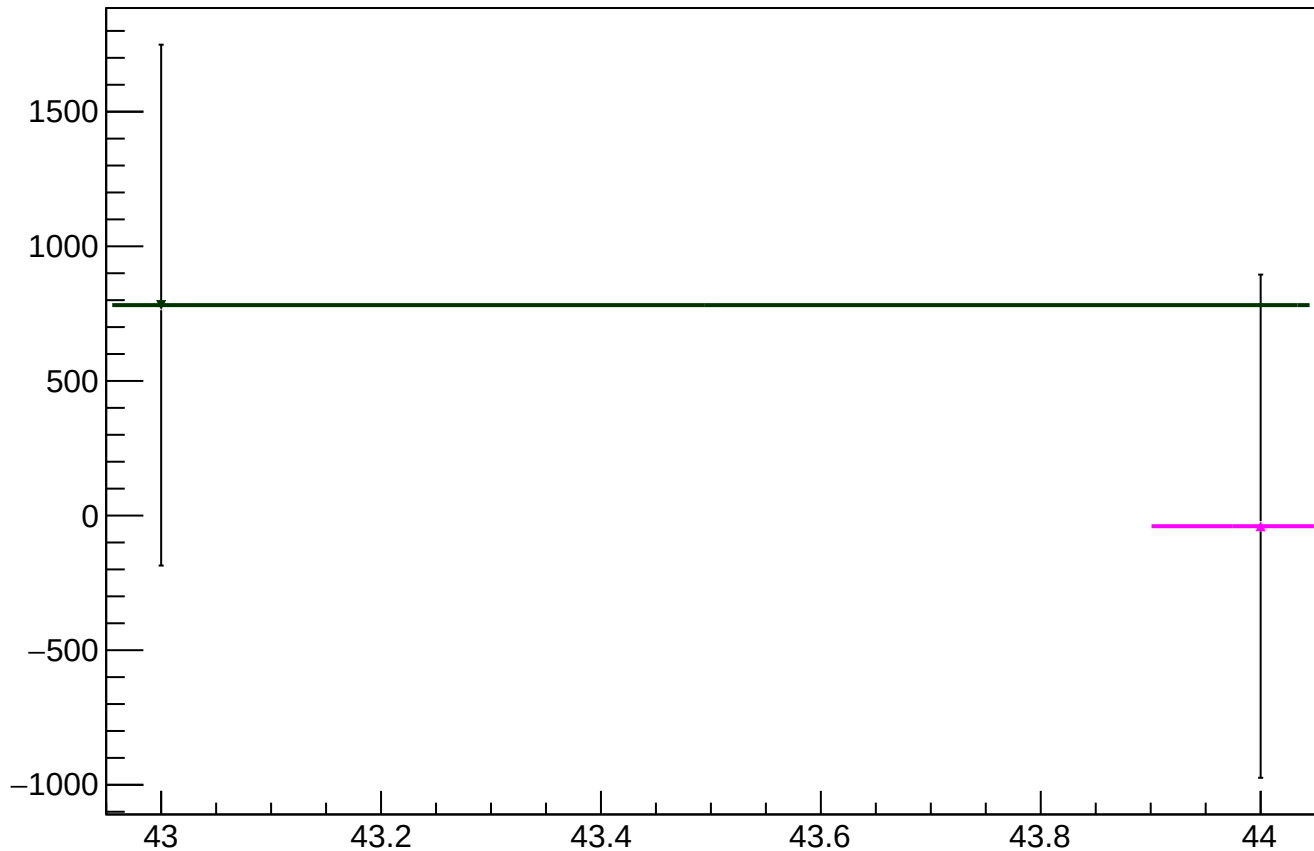
453.660+/-0.468 χ^2/NDF : 0.0/0

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

466.327+/-0.460 χ^2/NDF : 0.0/0

Left In: 466.327+/-0.460 χ^2/NDF : 0.0/0

asym_left_agg_avg_mean vs slug



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

Left Out: 781.614+/-967.286 χ^2/NDF : 0.0/0

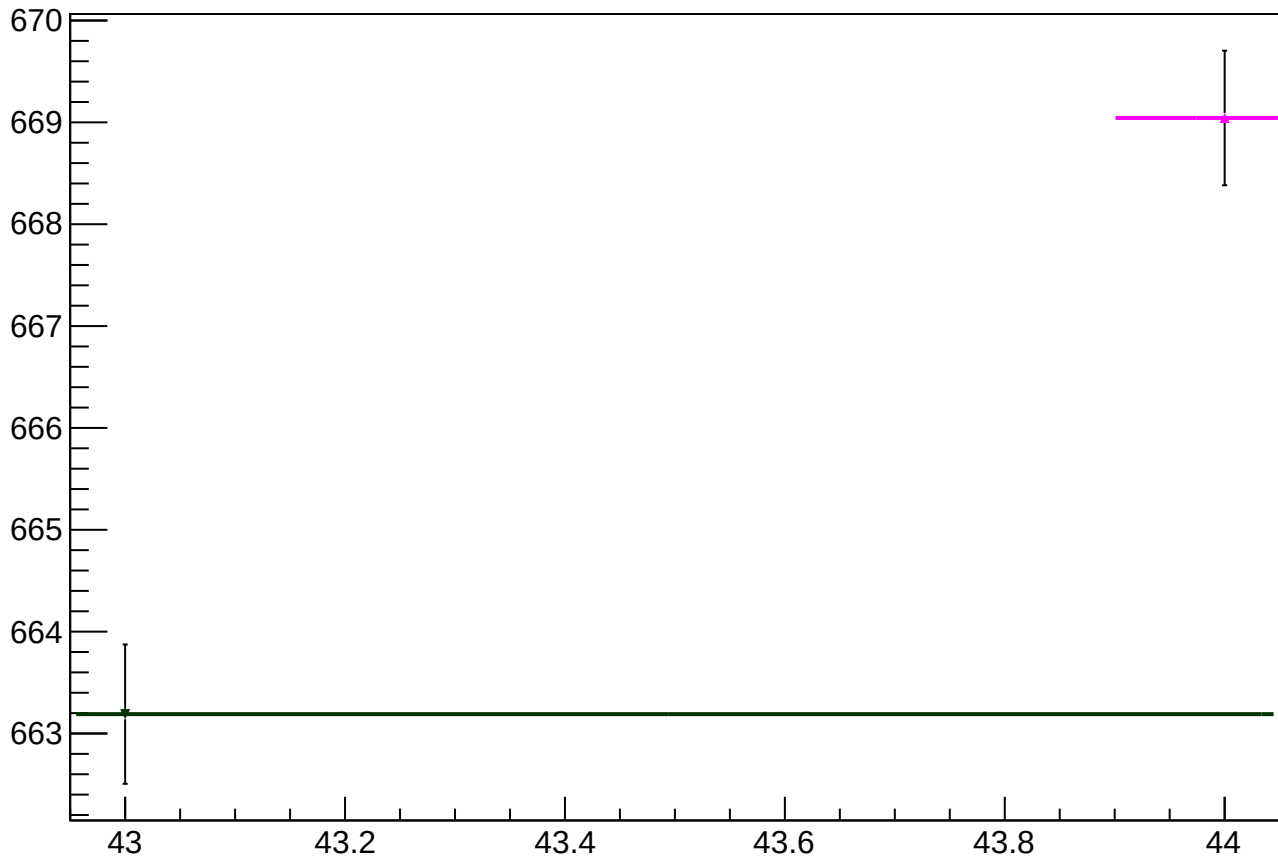
781.614+/-967.286 χ^2/NDF : 0.0/0

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

-39.508+/-934.410 χ^2/NDF : 0.0/0

Left In: -39.508+/-934.410 χ^2/NDF : 0.0/0

asym_left_agg_avg_rms vs slug



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

Left Out: 663.190+/-0.684 χ^2/NDF : 0.0/0

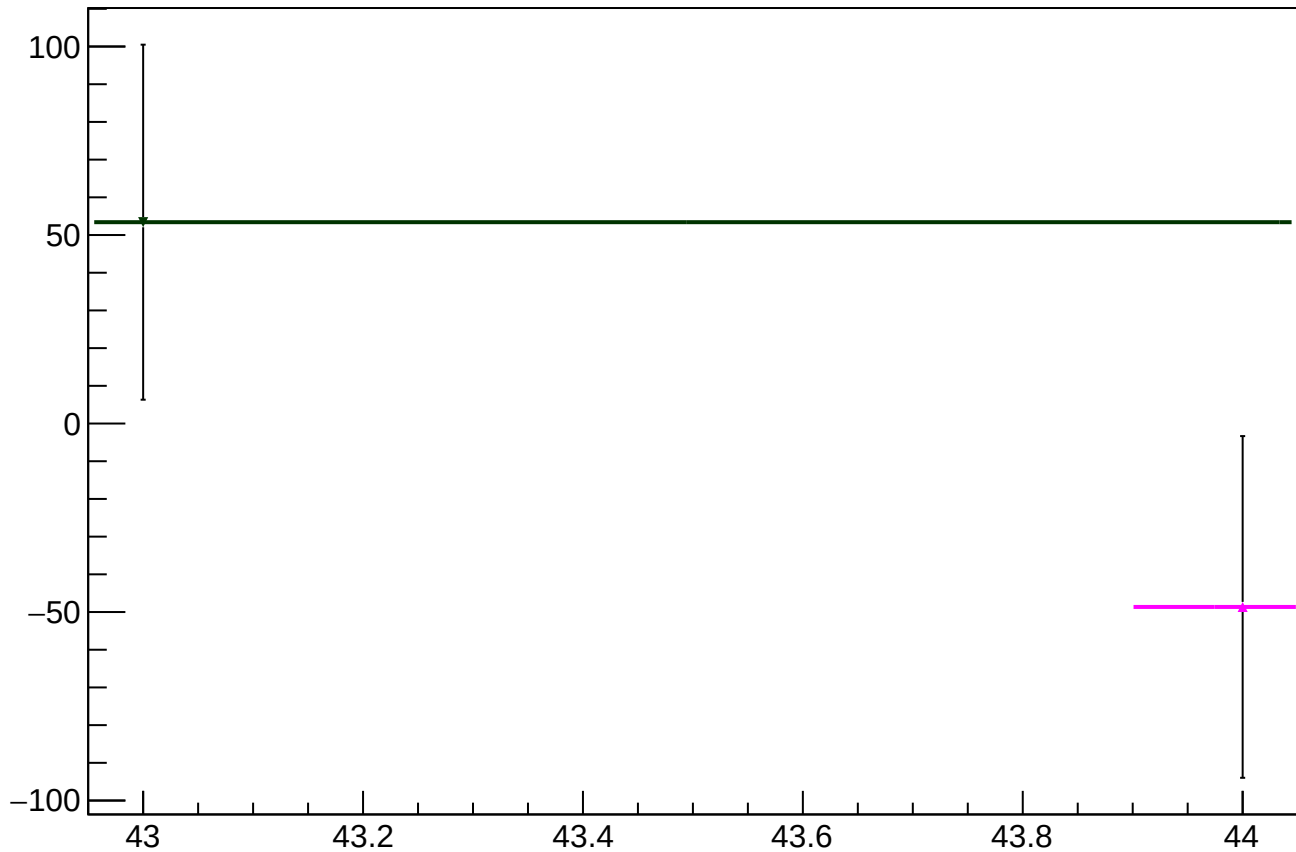
663.190+/-0.684 χ^2/NDF : 0.0/0

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

669.043+/-0.661 χ^2/NDF : 0.0/0

Left In: 669.043+/-0.661 χ^2/NDF : 0.0/0

asym_left_agg_dd_mean vs slug



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

Left Out: 53.407+/-47.084 χ^2/NDF : 0.0/0

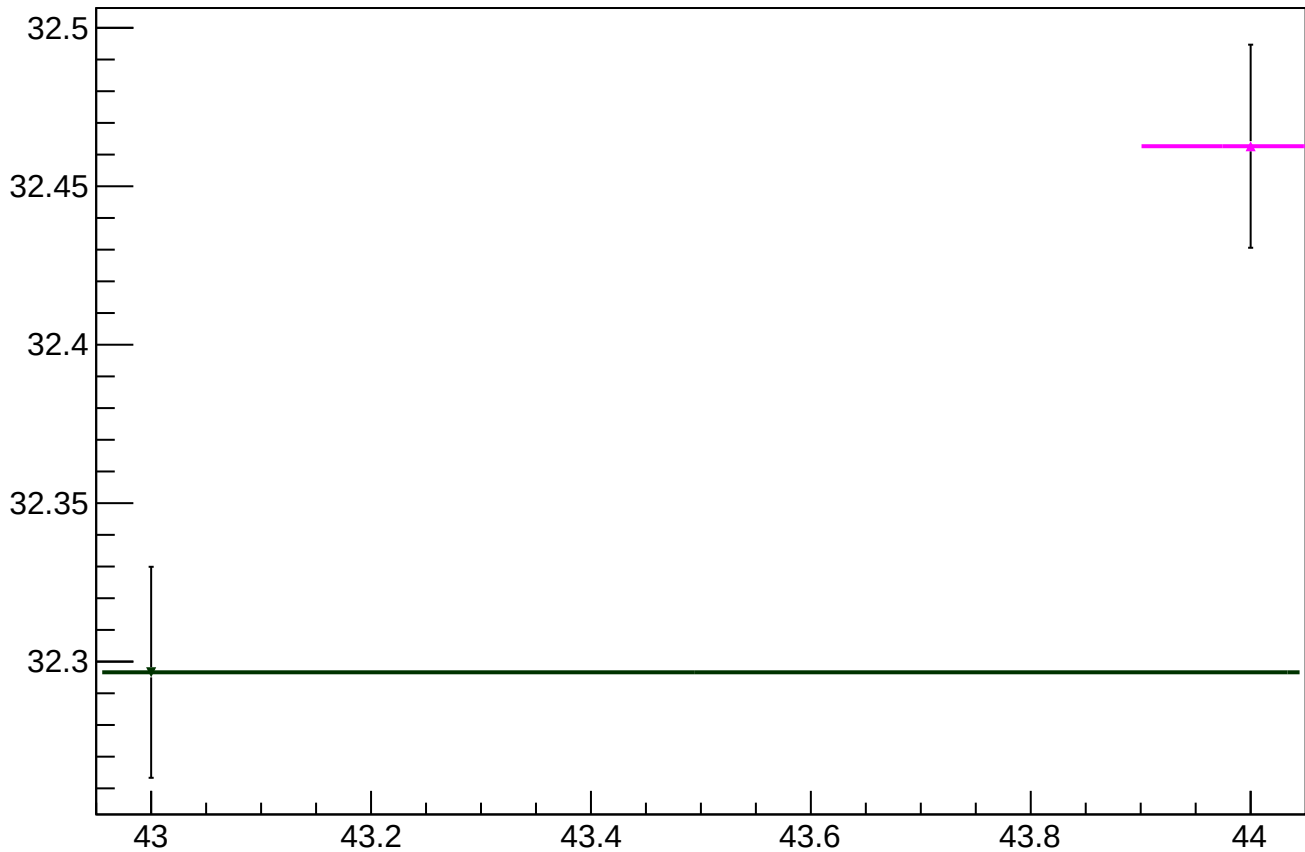
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.651+/-45.318 χ^2/NDF : 0.0/0

53.407+/-47.084 χ^2/NDF : 0.0/0

-48.651+/-45.318 χ^2/NDF : 0.0/0

asym_left_agg_dd_rms vs slug



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

Left Out: 32.297+/-0.033 χ^2/NDF : 0.0/0

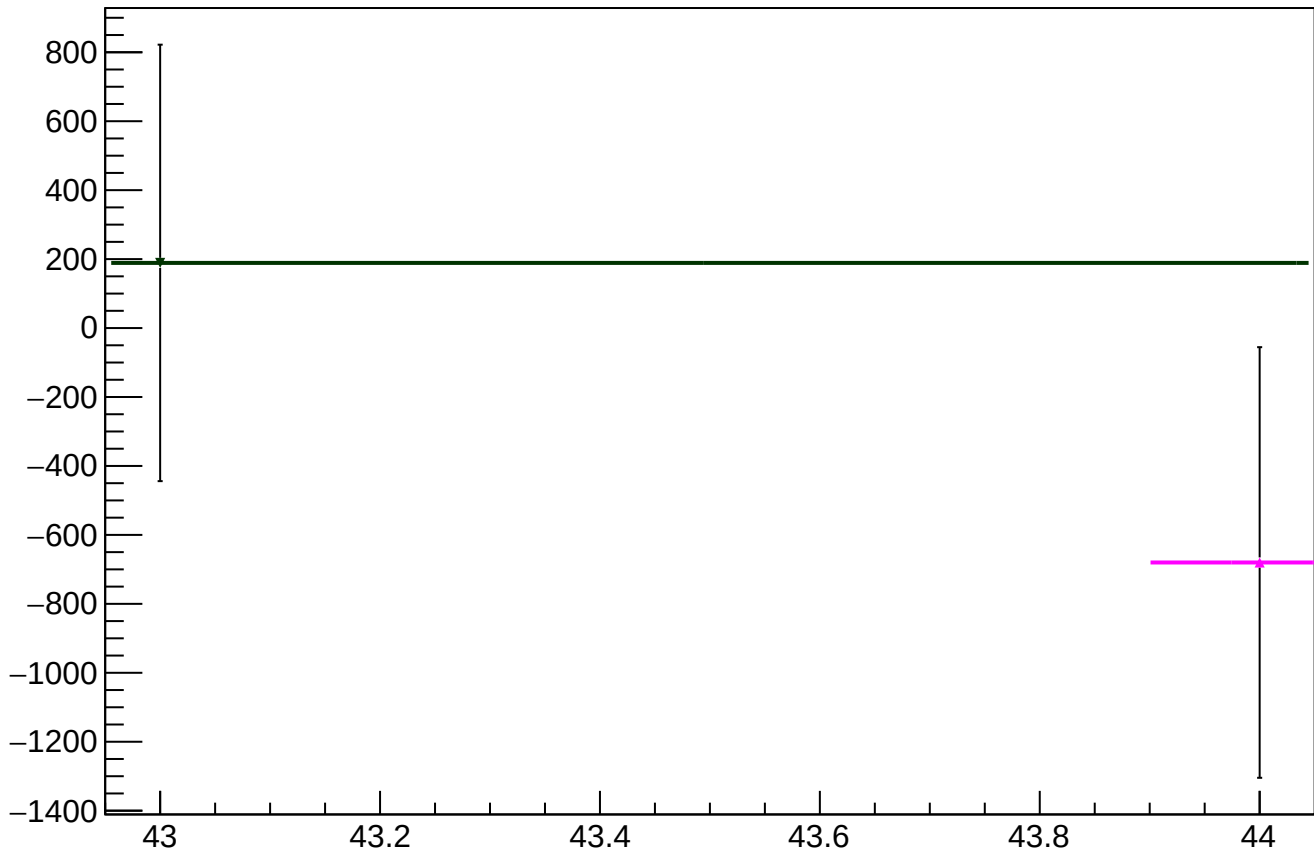
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.463+/-0.032 χ^2/NDF : 0.0/0

32.297+/-0.033 χ^2/NDF : 0.0/0

32.463+/-0.032 χ^2/NDF : 0.0/0

asym_right_agg_avg_mean vs slug



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

Left Out: 188.983+/-633.036 χ^2/NDF : 0.0/0

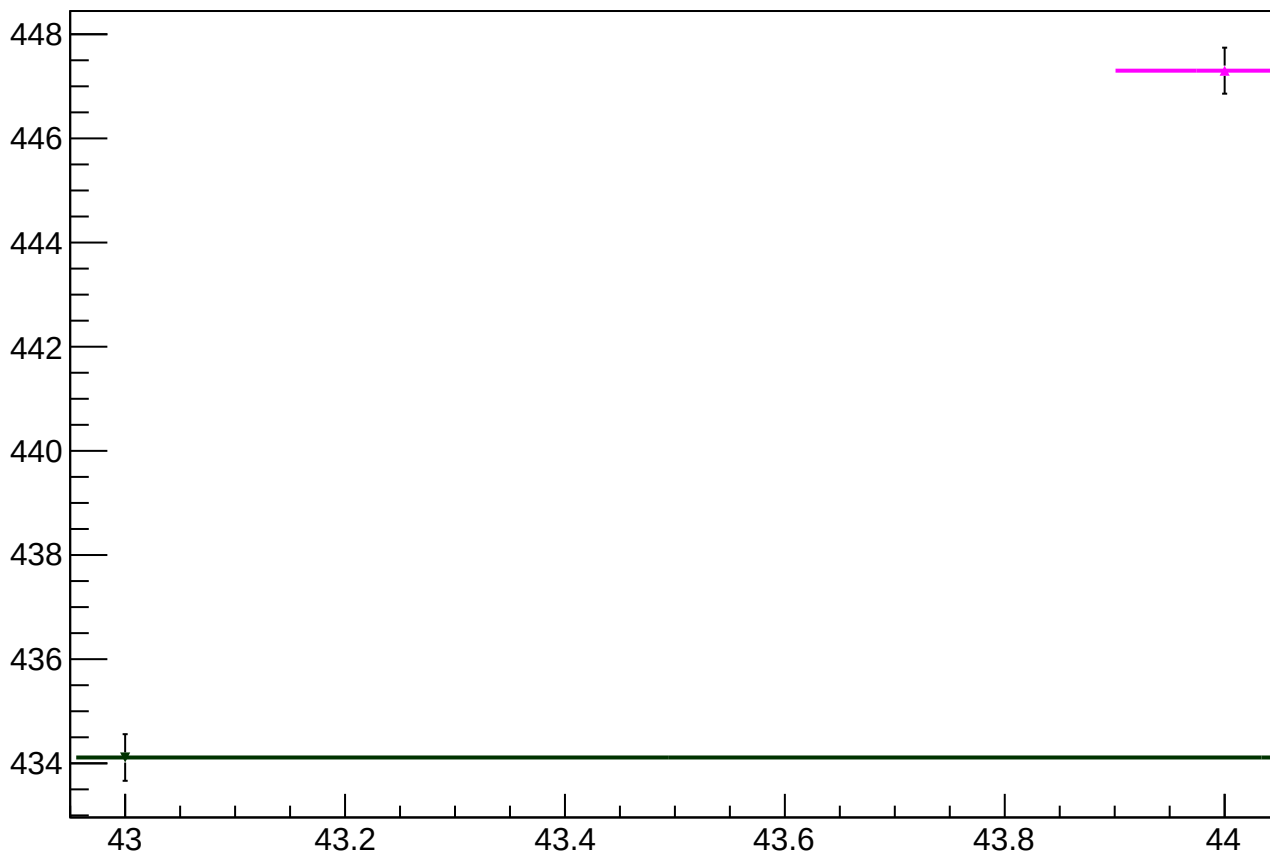
188.983+/-633.036 χ^2/NDF : 0.0/0

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

-680.012+/-624.573 χ^2/NDF : 0.0/0

Left In: -680.012+/-624.573 χ^2/NDF : 0.0/0

asym_right_agg_avg_rms vs slug



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

Left Out: 434.112 $\pm$ 0.448 χ^2/NDF : 0.0/0

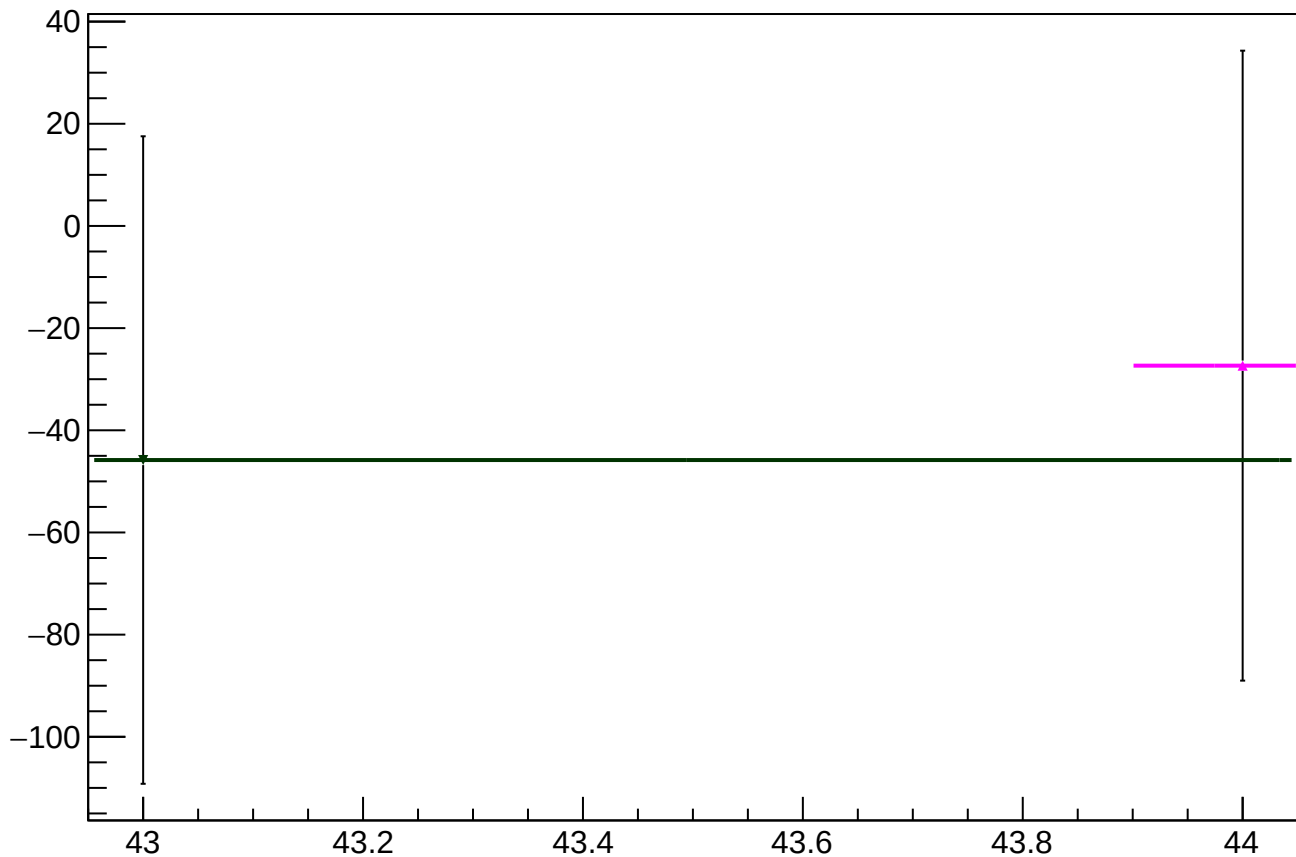
434.112 $\pm$ 0.448 χ^2/NDF : 0.0/0

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

447.301 $\pm$ 0.442 χ^2/NDF : 0.0/0

Left In: 447.301 $\pm$ 0.442 χ^2/NDF : 0.0/0

asym_right_agg_dd_mean vs slug



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

Left Out: -45.823+/-63.374 χ^2 /NDF: 0.0/0

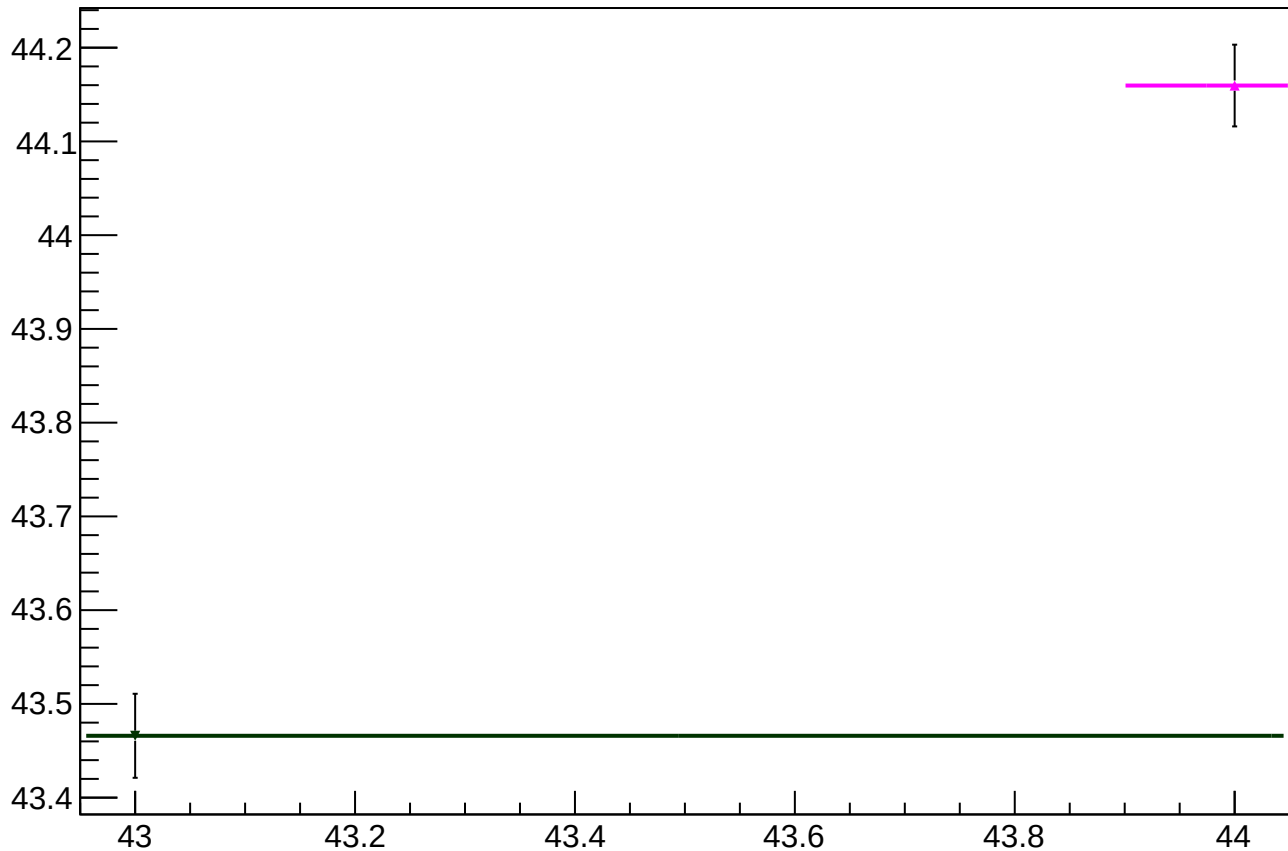
-45.823+/-63.374 χ^2 /NDF: 0.0/0

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

-27.346+/-61.656 χ^2 /NDF: 0.0/0

Left In: -27.346+/-61.656 χ^2 /NDF: 0.0/0

asym_right_agg_dd_rms vs slug



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

Left Out: 43.466+/-0.045 χ^2/NDF : 0.0/0

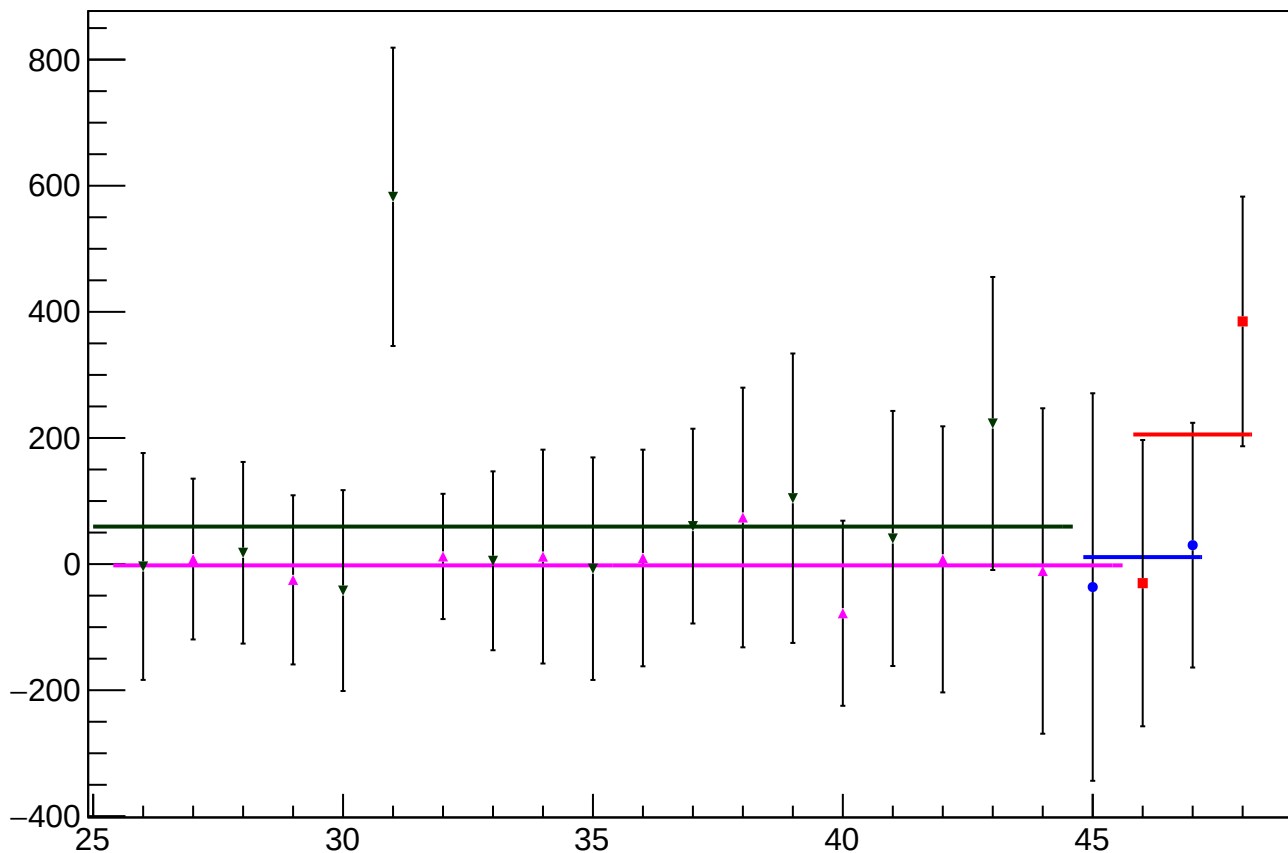
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

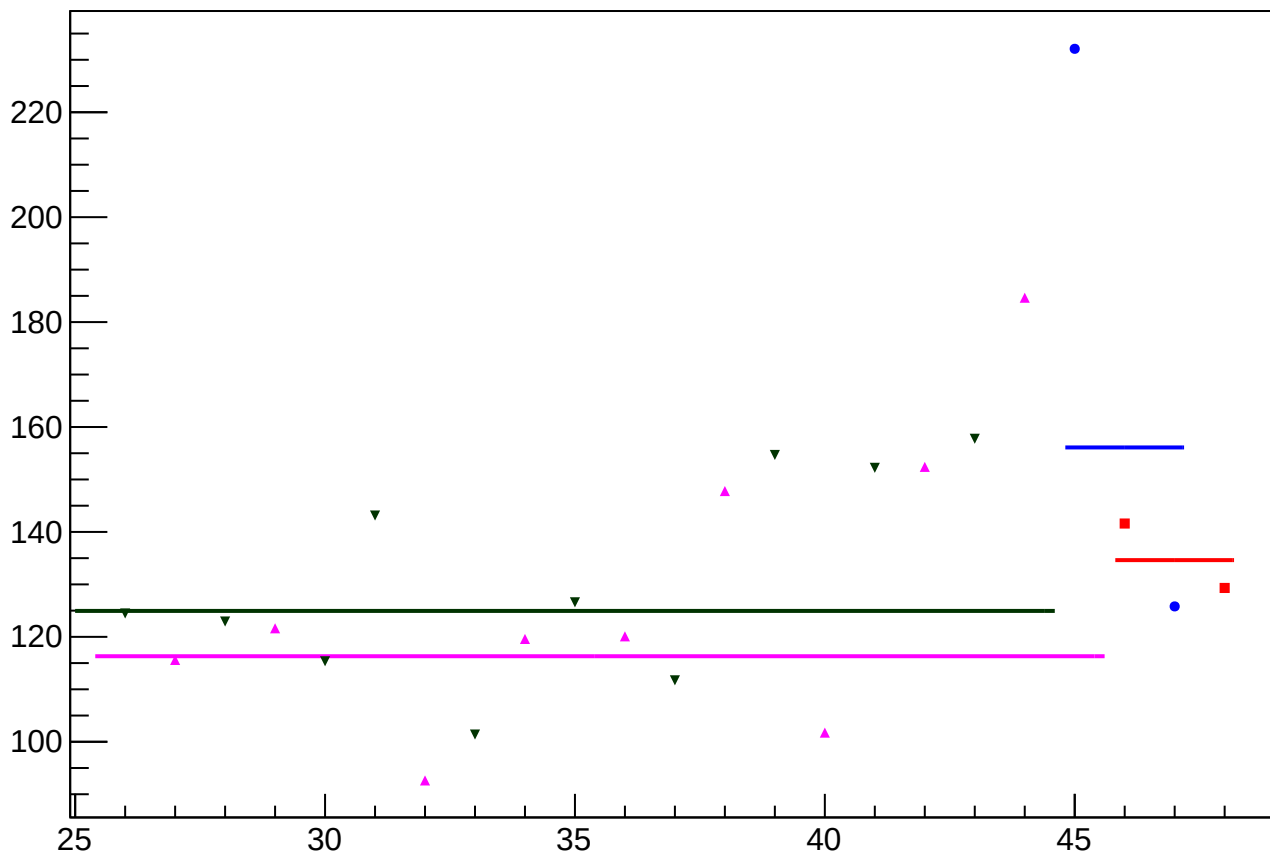
Right Out: 205.534+/-149.186 χ^2/NDF : 1.9/1

Left In: -2.017+/-50.338 χ^2/NDF : 0.5/8

54.484+/-52.759 χ^2/NDF : 6.4/11

19.198+/-47.696 χ^2/NDF : 4.1/10

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 156.105 ± 0.116 χ^2/NDF : 171092.9/1

Left Out: 124.943 ± 0.039 χ^2/NDF : 199383.4/9

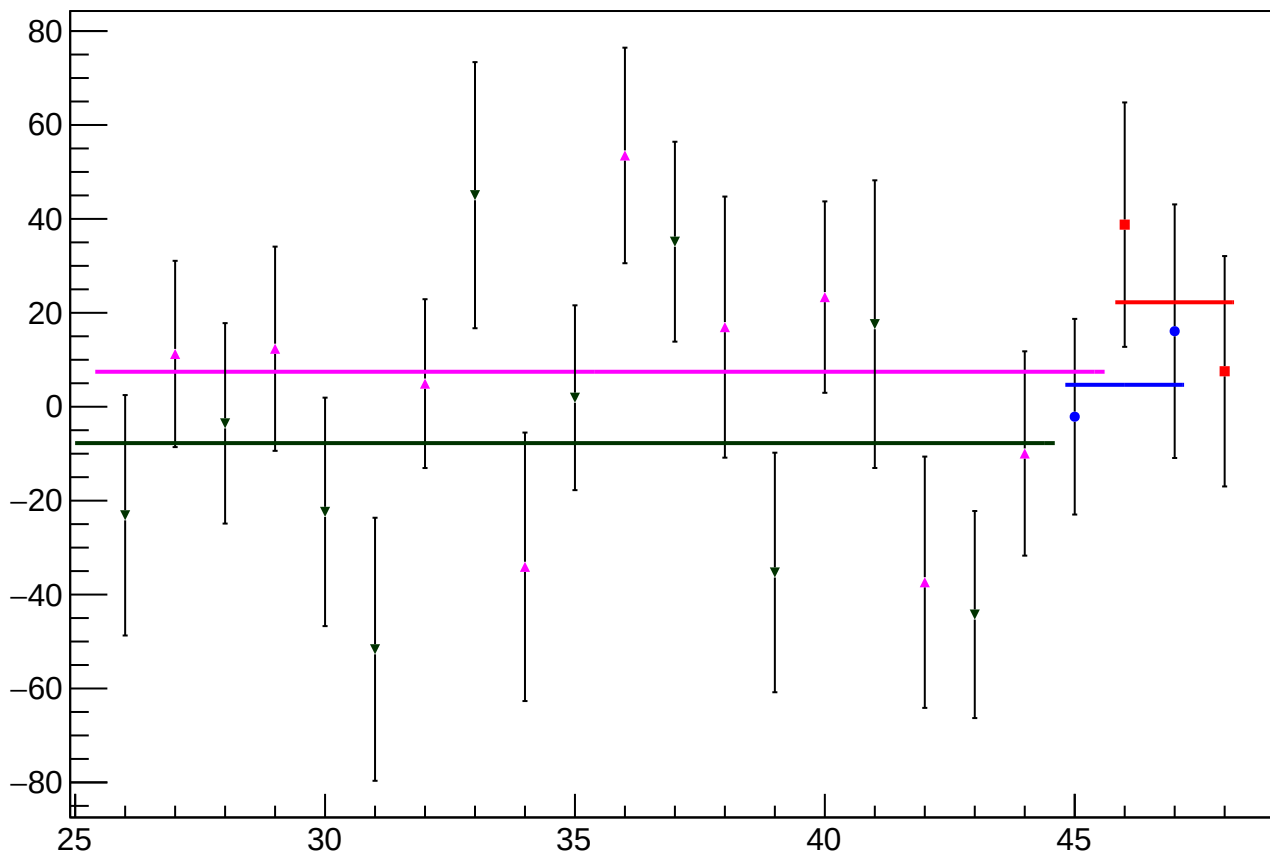
Right Out: 134.626 ± 0.105 χ^2/NDF : 3324.9/1

Left In: 116.307 ± 0.036 χ^2/NDF : 383885.3/8

128.166 ± 0.037 χ^2/NDF : 435169.7/11

118.180 ± 0.034 χ^2/NDF : 414283.9/10

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 4.671+/-16.494 χ^2 /NDF: 0.3/1

Left Out: -7.744+/-7.585 χ^2 /NDF:15.6/9

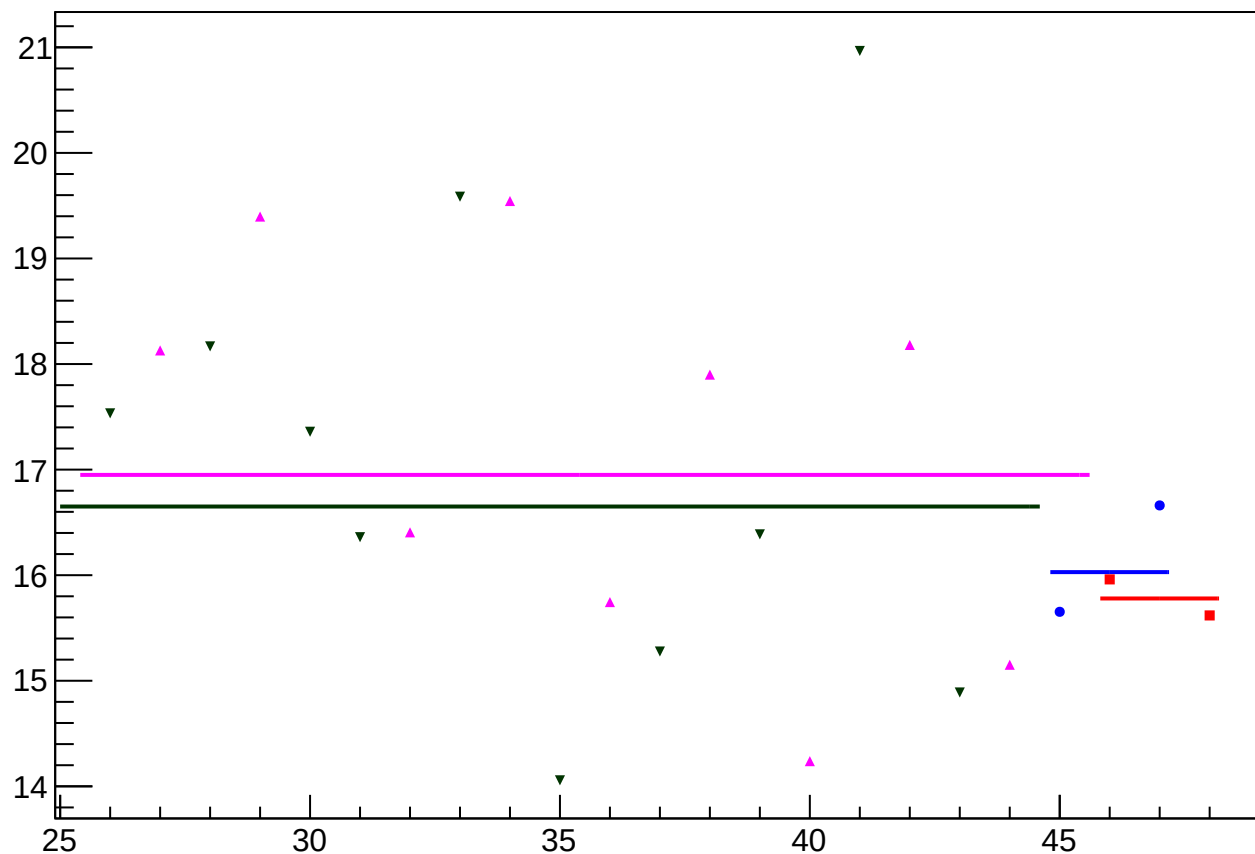
Right Out: 22.244+/-17.851 χ^2 /NDF: 0.8/1

Left In: 7.449+/-7.436 χ^2 /NDF:10.4/8

-5.577+/-6.891 χ^2 /NDF: 16.3/11

9.637+/-6.864 χ^2 /NDF: 11.8/10

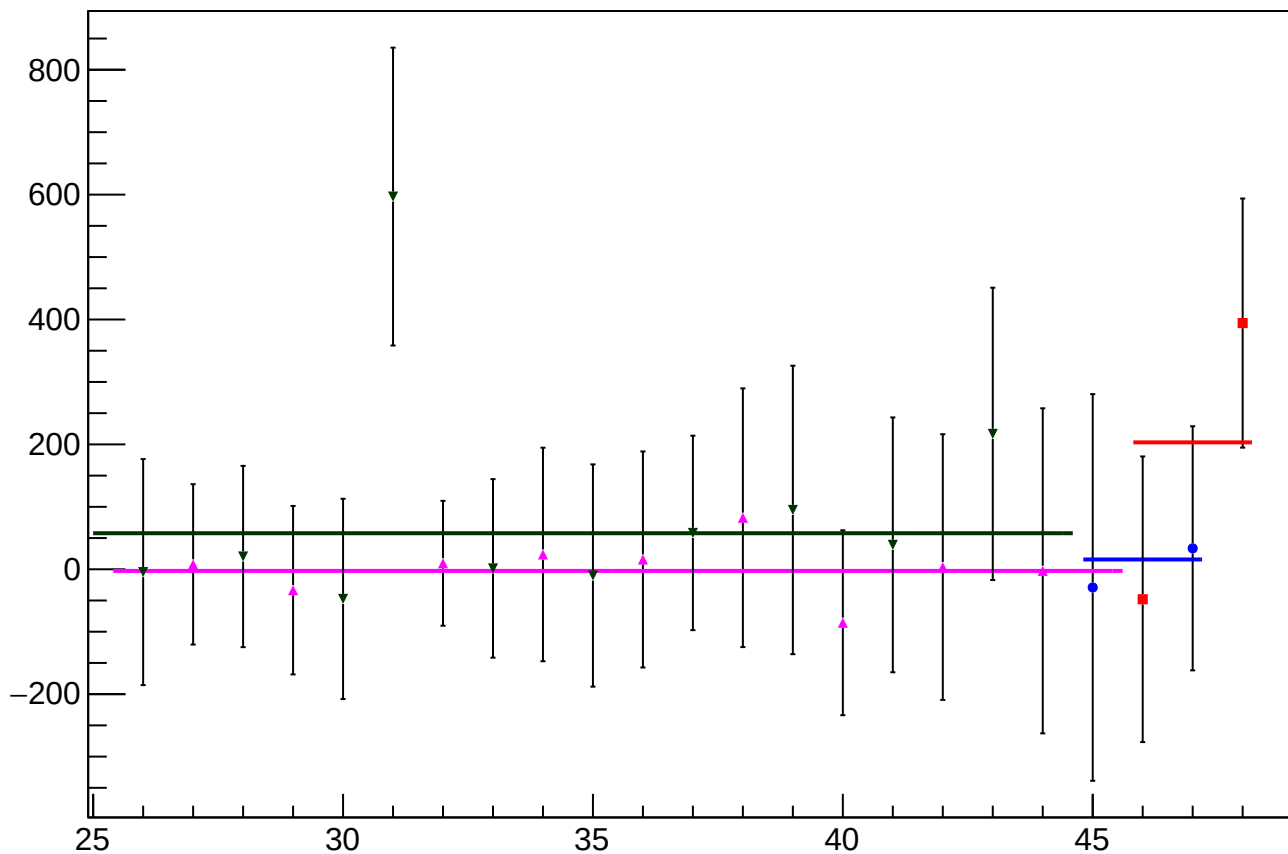
asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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: 15.779 ± 0.013 $\chi^2/\text{NDF}: 182.3/1$
 Left In: 16.950 ± 0.005 $\chi^2/\text{NDF}: 111842.2/8$

16.542 ± 0.005 $\chi^2/\text{NDF}: 135674.4/11$
 16.777 ± 0.005 $\chi^2/\text{NDF}: 119352.3/10$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 15.682 $\pm$ 165.282 χ^2/NDF : 0.0/1

Left Out: 57.736 $\pm$ 56.149 χ^2/NDF : 6.5/9

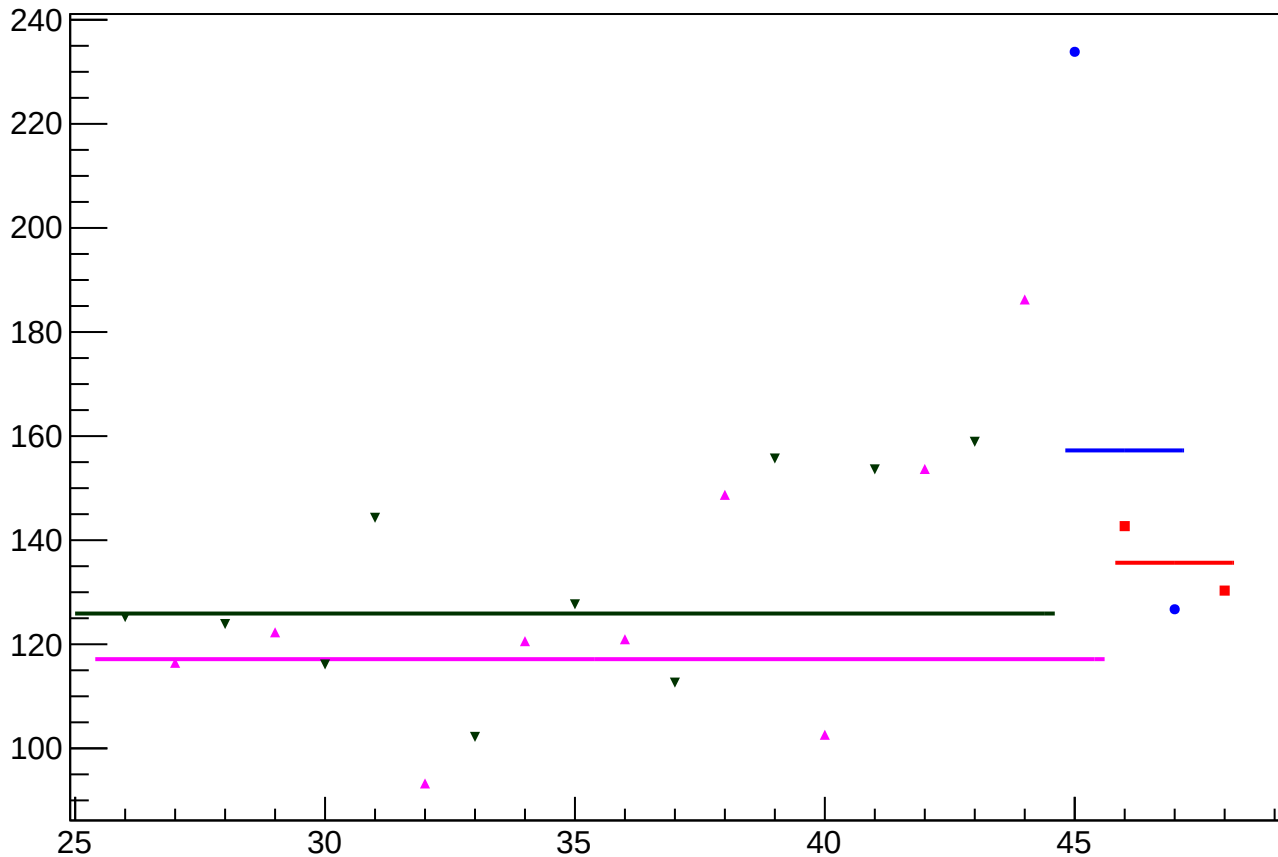
Right Out: 203.228 $\pm$ 150.334 χ^2/NDF : 2.1/1

Left In: -2.605 $\pm$ 50.703 χ^2/NDF : 0.6/8

53.384 $\pm$ 53.165 χ^2/NDF : 6.6/11

18.418 $\pm$ 48.044 χ^2/NDF : 4.4/10

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

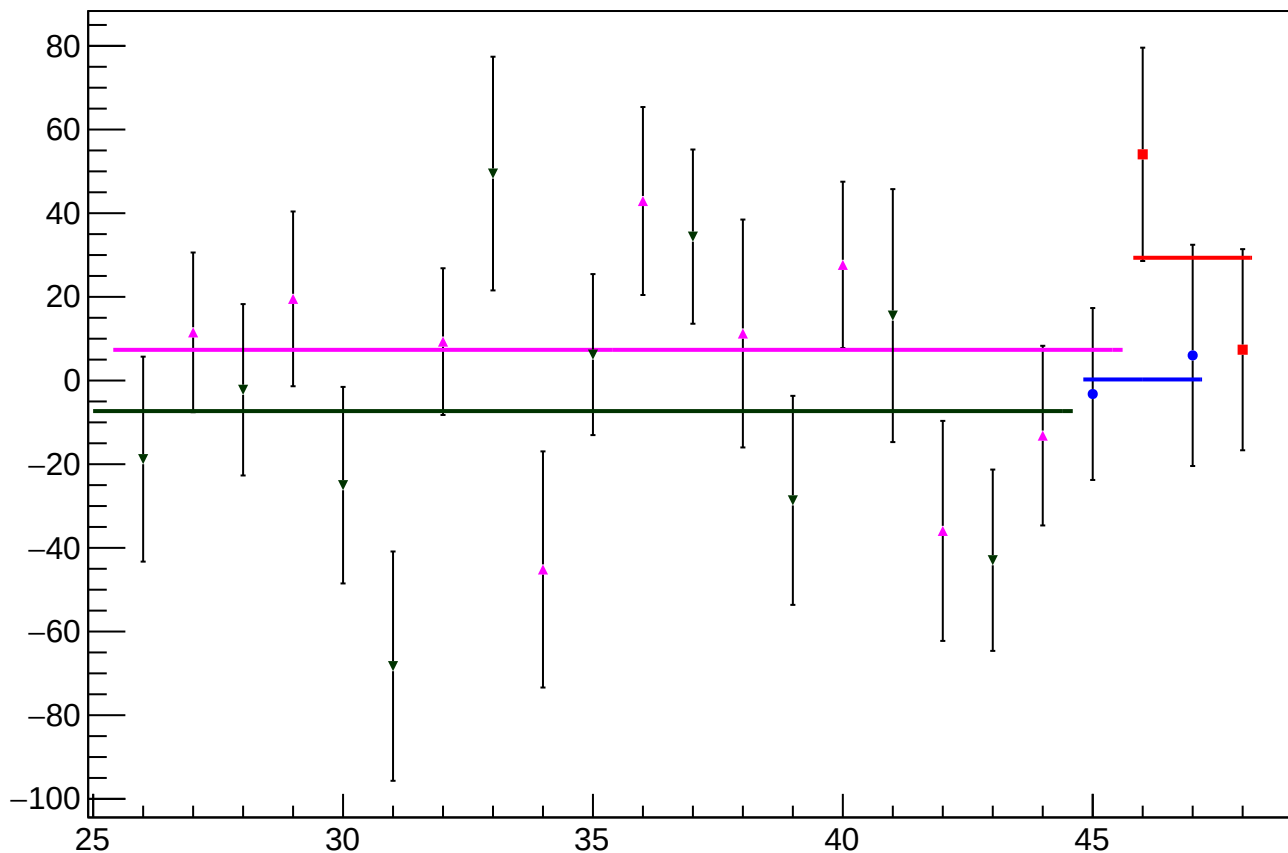
Right Out: 135.665+/-0.106 χ^2/NDF : 3332.9/1

Left In: 117.138+/-0.036 χ^2/NDF :384637.6/8

129.150+/-0.038 χ^2/NDF : 435002.9/11

119.030+/-0.034 χ^2/NDF : 415244.0/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.256 ± 16.226 χ^2/NDF : 0.1/1

Left Out: -7.303 ± 7.391 χ^2/NDF : 18.4/9

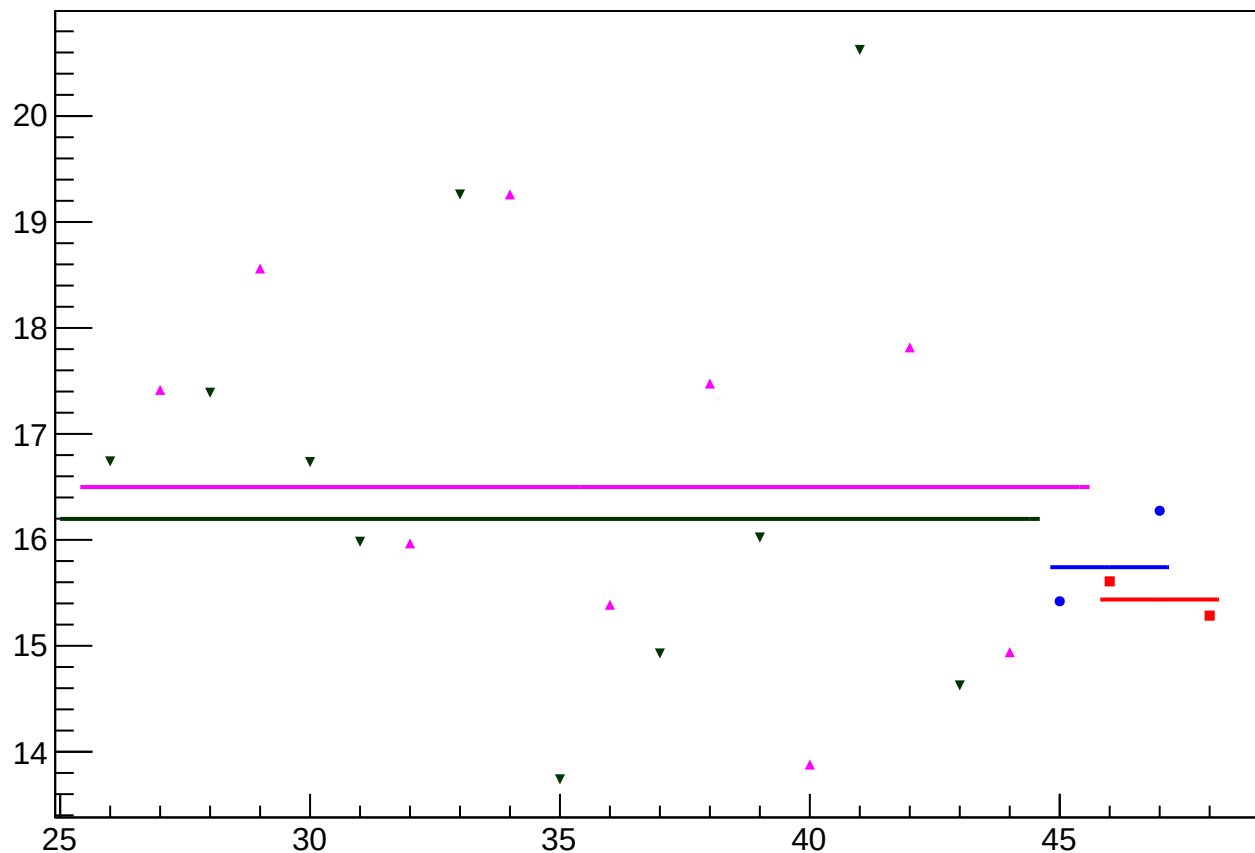
Right Out: 29.348 ± 17.492 χ^2/NDF : 1.8/1

Left In: 7.338 ± 7.251 χ^2/NDF : 11.1/8

-6.004 ± 6.726 χ^2/NDF : 18.7/11

10.566 ± 6.698 χ^2/NDF : 14.2/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.742+/-0.011 χ^2/NDF : 1302.1/1

Left Out: 16.198+/-0.005 χ^2/NDF :126492.9/9

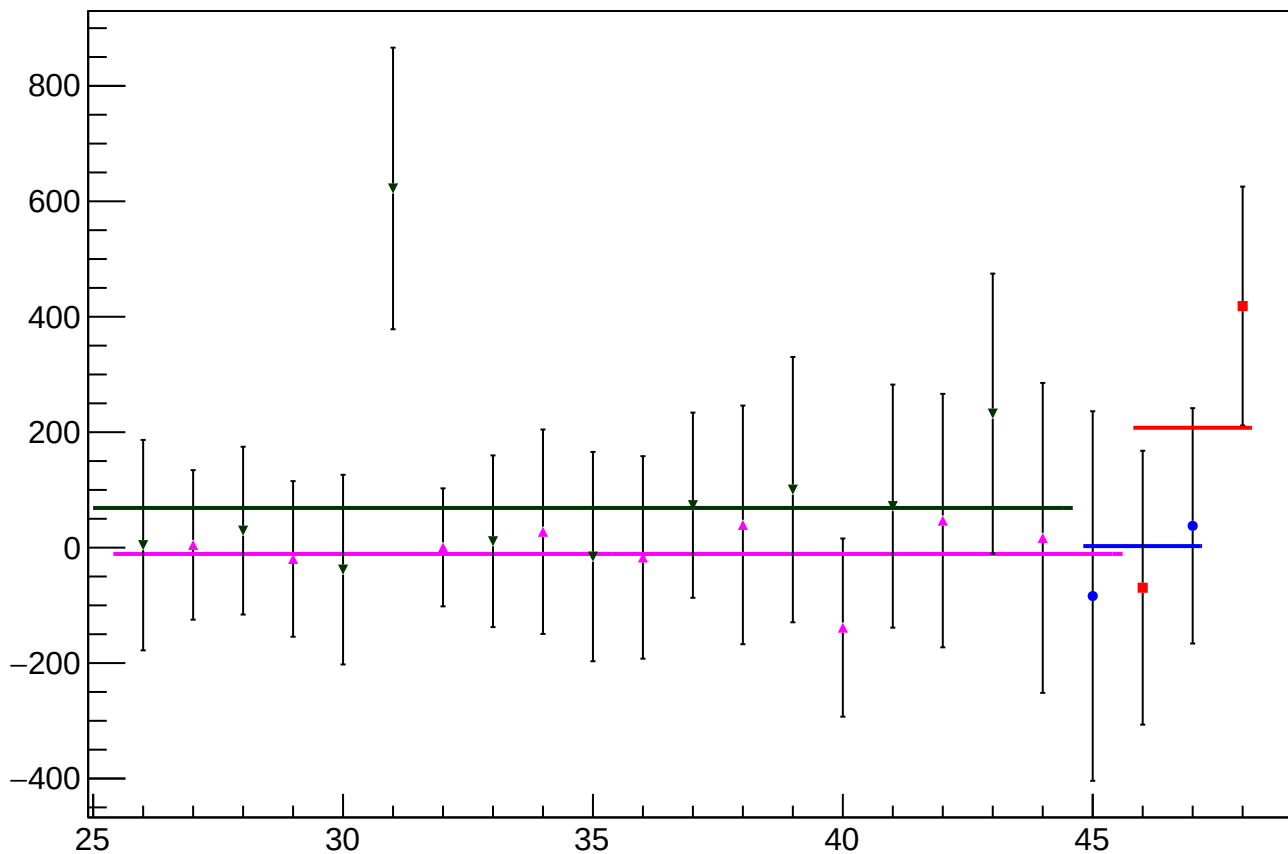
Right Out: 15.437+/-0.012 χ^2/NDF : 170.2/1

Left In: 16.499+/-0.005 χ^2/NDF :102858.3/8

16.119+/-0.005 χ^2/NDF : 129101.7/11

16.343+/-0.005 χ^2/NDF : 109314.2/10

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 2.687 $\pm$ 171.953 χ^2 /NDF: 0.1/1

Left Out: 68.786 $\pm$ 57.328 χ^2 /NDF: 6.6/9

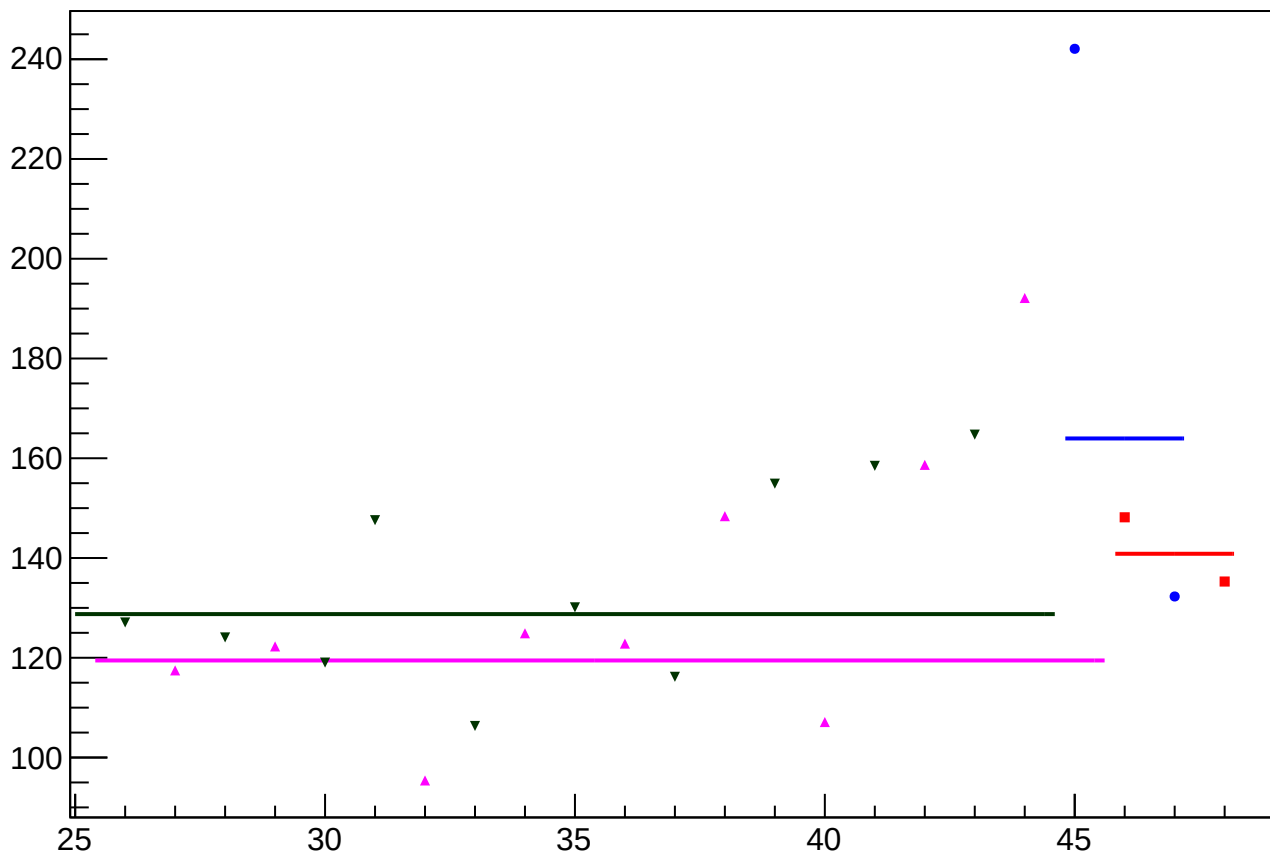
Right Out: 207.697 $\pm$ 155.956 χ^2 /NDF: 2.4/1

Left In: -10.941 $\pm$ 51.660 χ^2 /NDF: 0.9/8

62.174 $\pm$ 54.385 χ^2 /NDF: 6.8/11

10.677 $\pm$ 49.040 χ^2 /NDF: 5.1/10

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

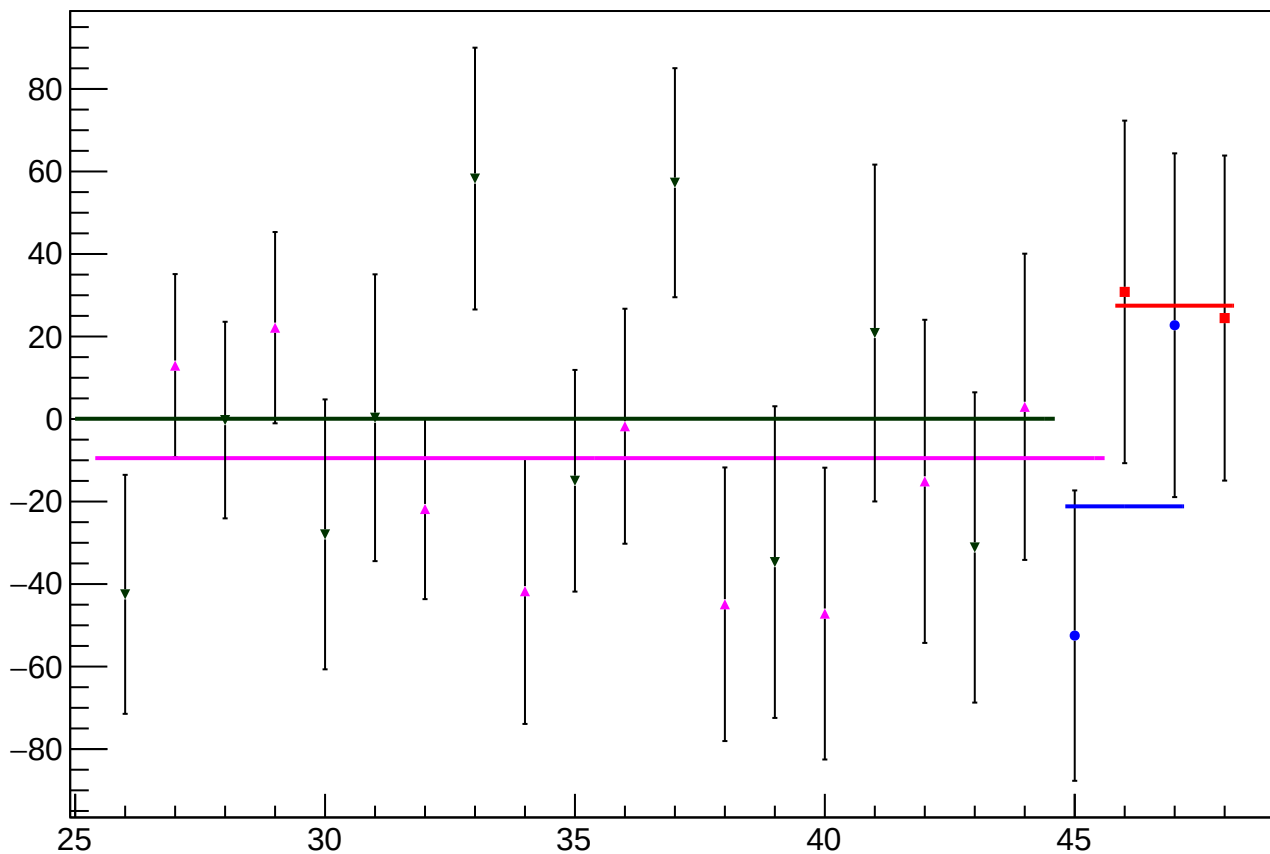
Right Out: 140.849+/-0.110 χ^2/NDF : 3345.8/1

Left In: 119.459+/-0.037 χ^2/NDF : 377012.5/8

132.278+/-0.038 χ^2/NDF : 431695.2/11

121.574+/-0.035 χ^2/NDF : 414261.4/10

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -21.168 ± 26.883 χ^2/NDF : 1.9/1

Left Out: 0.067 ± 9.805 χ^2/NDF : 12.6/9

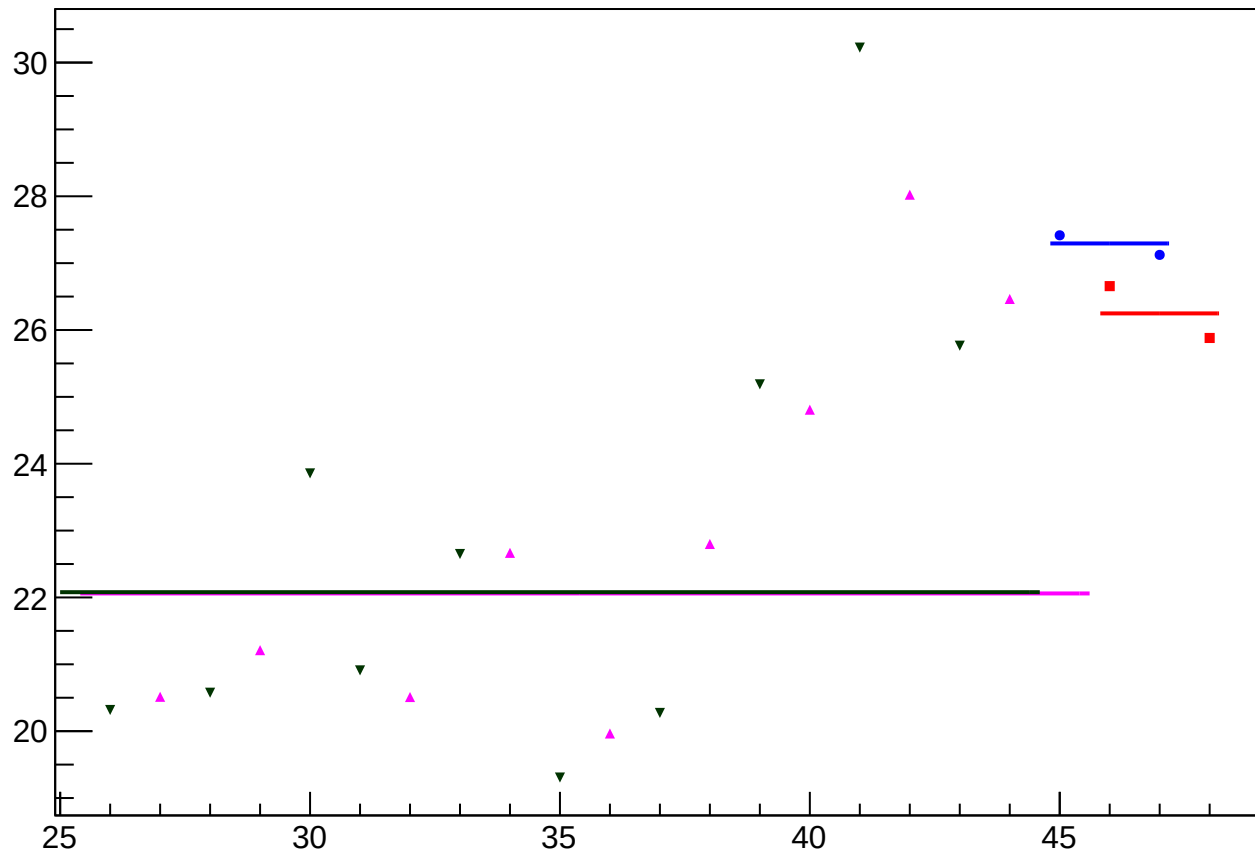
Right Out: 27.474 ± 28.576 χ^2/NDF : 0.0/1

Left In: -9.482 ± 9.418 χ^2/NDF : 6.7/8

-2.427 ± 9.212 χ^2/NDF : 15.1/11

-5.861 ± 8.945 χ^2/NDF : 8.2/10

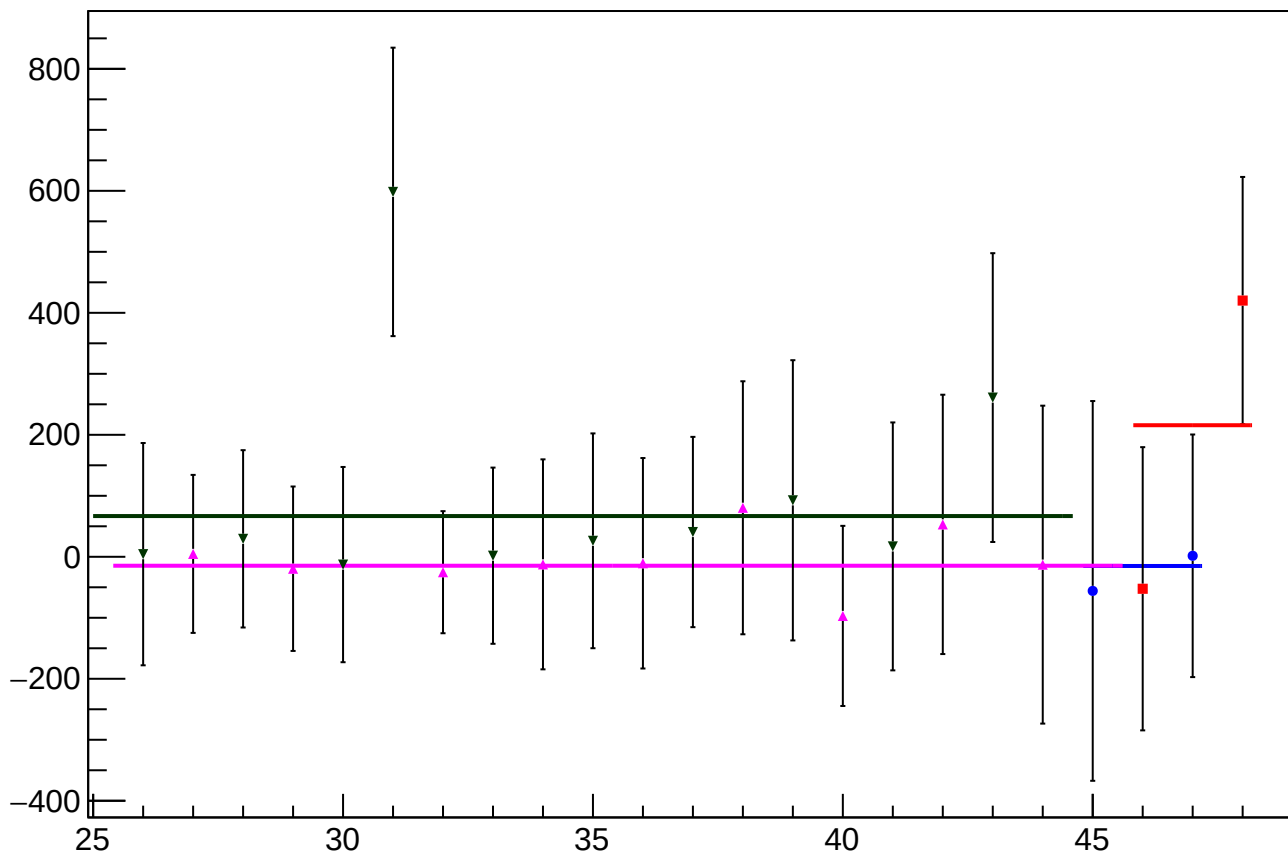
asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.295 $\pm$ 0.019 χ^2/NDF : 57.7/1
 Left Out: 22.079 $\pm$ 0.007 χ^2/NDF :166332.3/9
 Right Out: 26.248 $\pm$ 0.020 χ^2/NDF : 367.1/1
 Left In: 22.060 $\pm$ 0.007 χ^2/NDF :121609.5/8

22.691 $\pm$ 0.007 χ^2/NDF : 232840.4/11
 22.470 $\pm$ 0.006 χ^2/NDF : 160733.6/10

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: -15.065 $\pm$ 167.599 χ^2/NDF : 0.0/1

Left Out: 66.787 $\pm$ 56.199 χ^2/NDF : 6.5/9

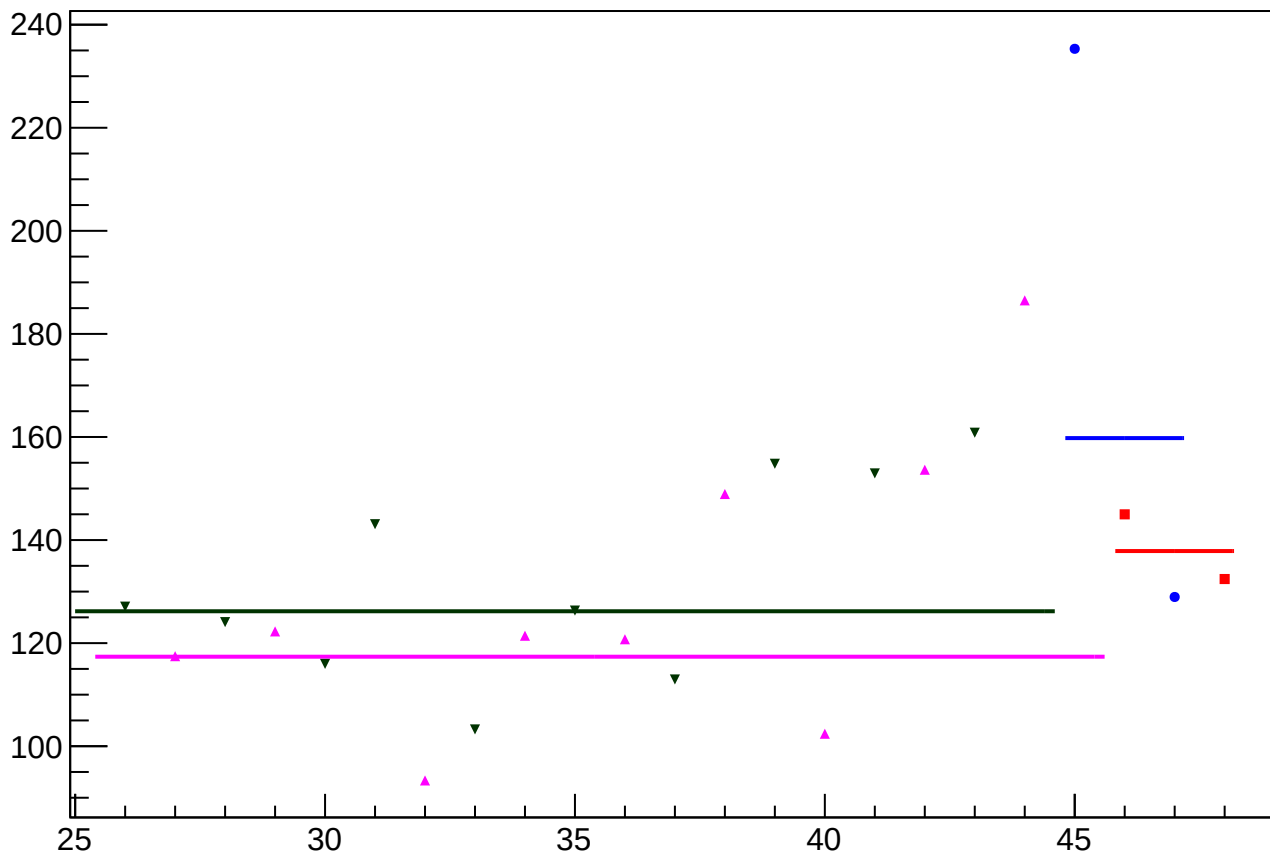
Right Out: 215.711 $\pm$ 152.692 χ^2/NDF : 2.4/1

Left In: -14.653 $\pm$ 50.783 χ^2/NDF : 0.7/8

58.514 $\pm$ 53.283 χ^2/NDF : 6.8/11

8.290 $\pm$ 48.188 χ^2/NDF : 5.1/10

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

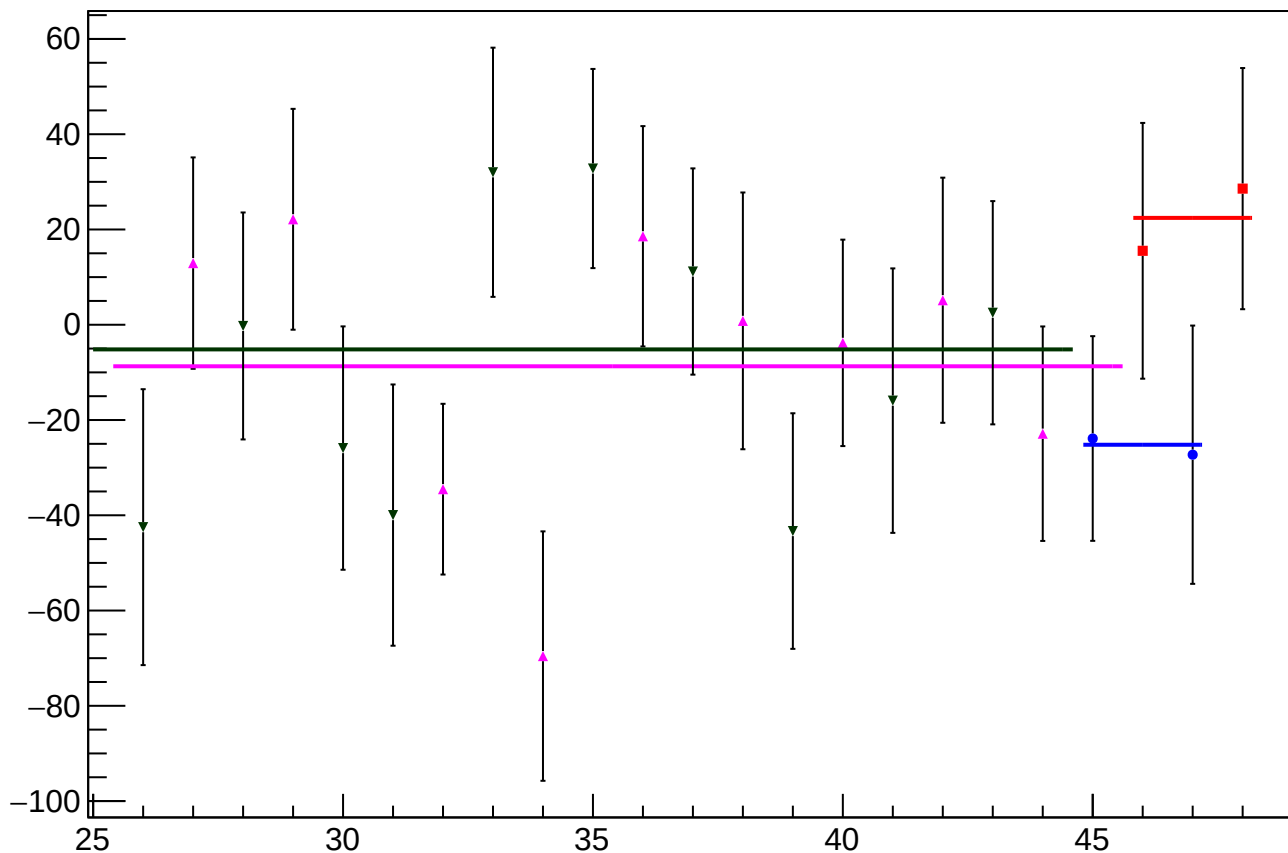
Right Out: 137.867+/-0.108 χ^2/NDF : 3317.0/1

Left In: 117.367+/-0.036 χ^2/NDF : 385462.1/8

129.580+/-0.038 χ^2/NDF : 430186.3/11

119.408+/-0.034 χ^2/NDF : 421240.8/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -25.194+/-16.838 χ^2/NDF : 0.0/1

Left Out: -5.176+/-7.796 χ^2/NDF : 12.5/9

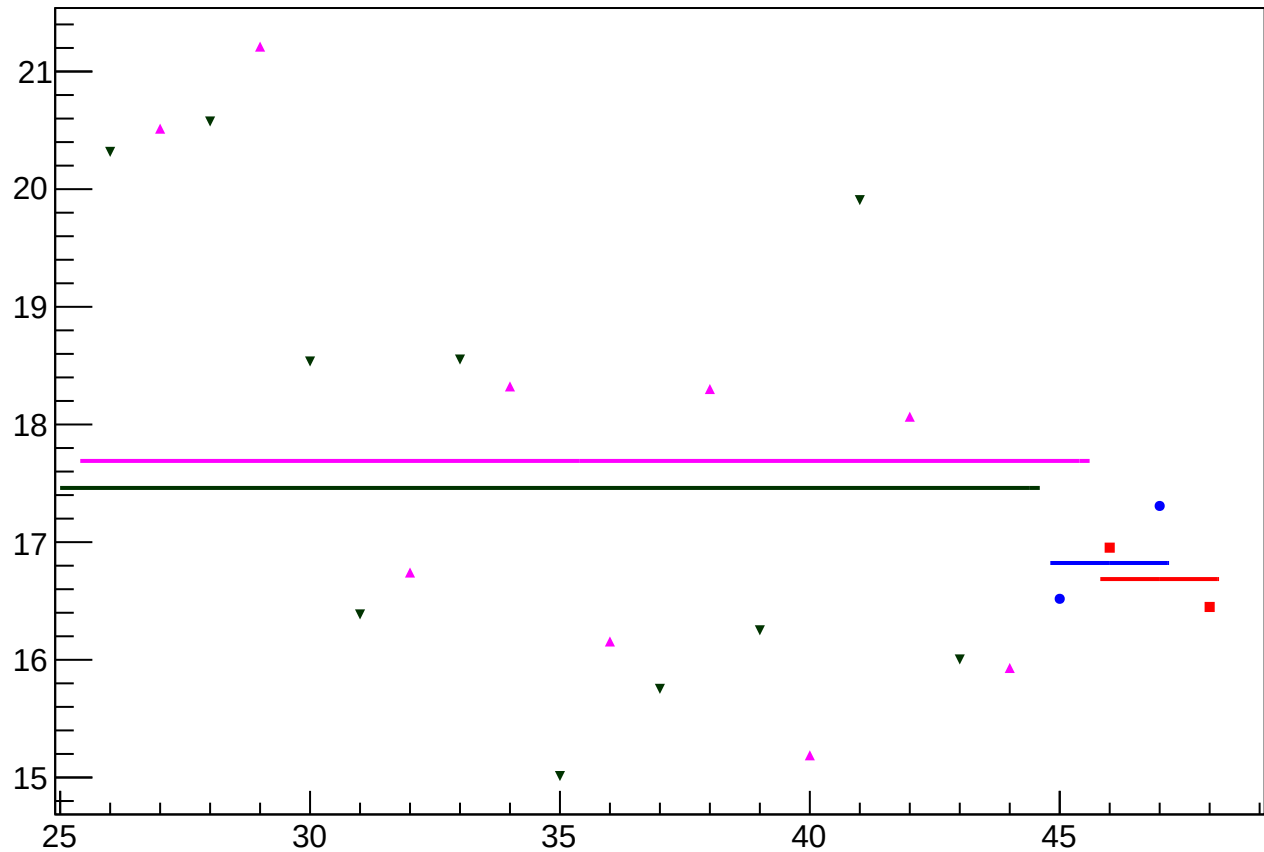
Right Out: 22.435+/-18.420 χ^2/NDF : 0.1/1

Left In: -8.720+/-7.598 χ^2/NDF : 12.5/8

-8.710+/-7.075 χ^2/NDF : 13.7/11

-4.190+/-7.024 χ^2/NDF : 15.0/10

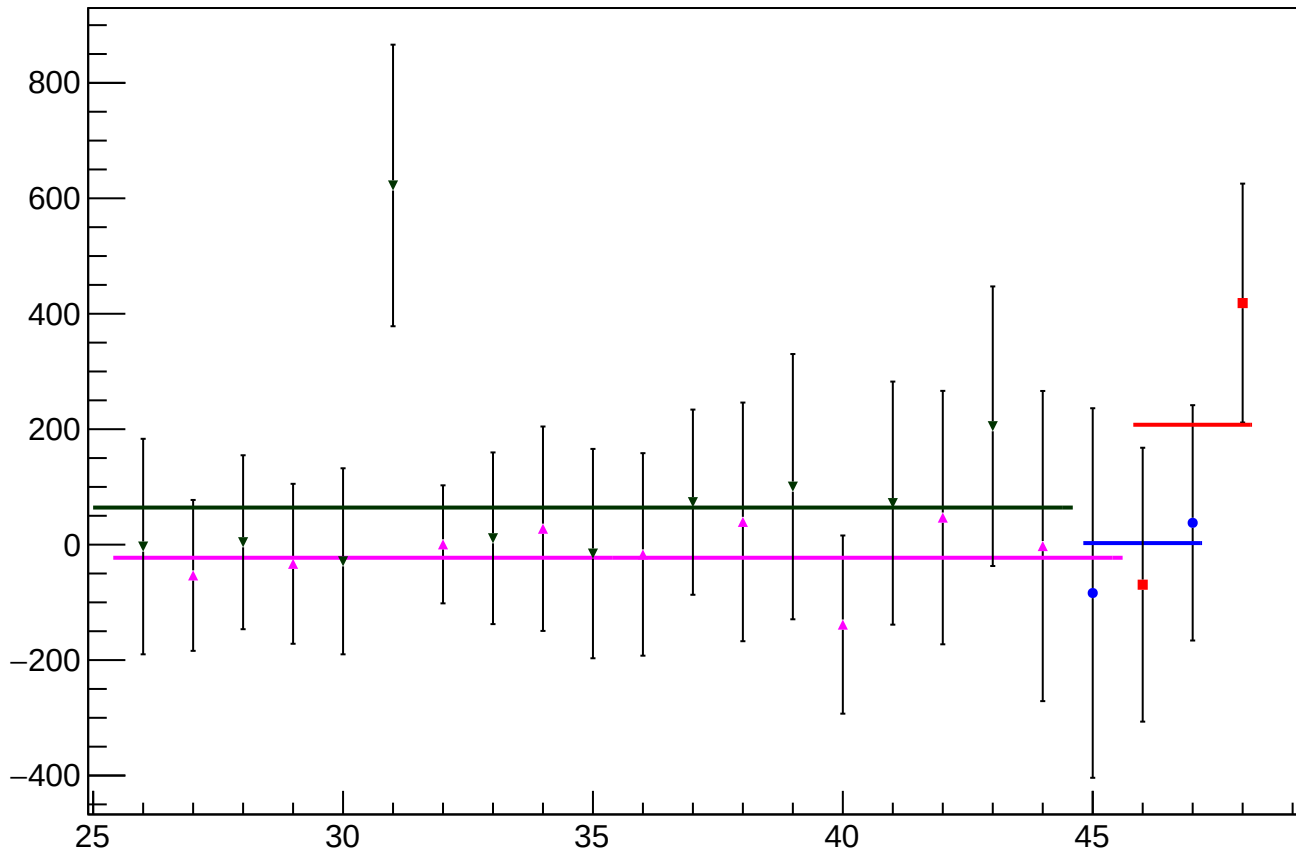
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



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: 16.686+/-0.013 χ^2/NDF : 373.0/1
 Left In: 17.690+/-0.005 χ^2/NDF :134444.8/8

17.348+/-0.005 χ^2/NDF : 135042.4/11
 17.544+/-0.005 χ^2/NDF : 139895.7/10

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

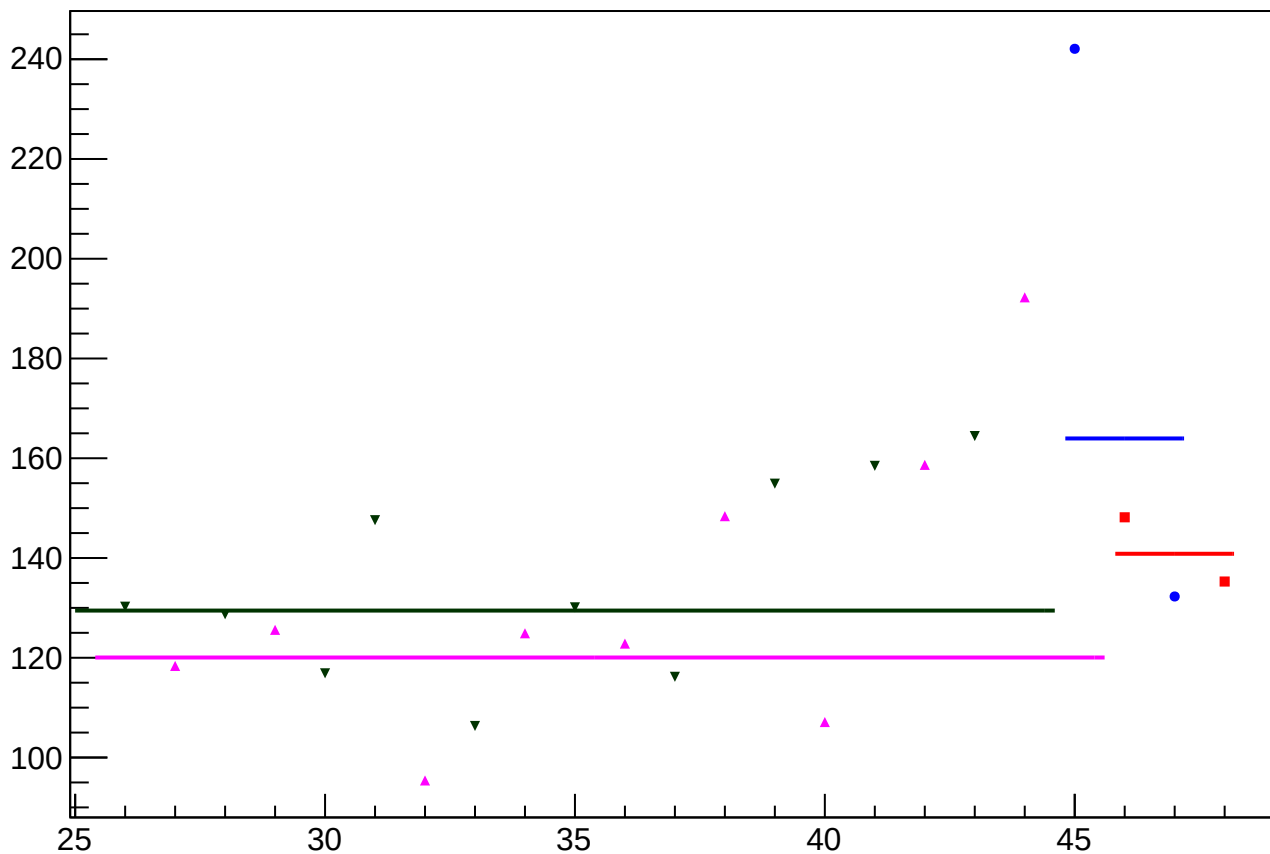
Right Out: 207.697+/-155.956 χ^2/NDF : 2.4/1

Left In: -22.721+/-51.941 χ^2/NDF : 1.0/8

58.038+/-54.643 χ^2/NDF : 6.8/11

0.285+/-49.280 χ^2/NDF : 5.3/10

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

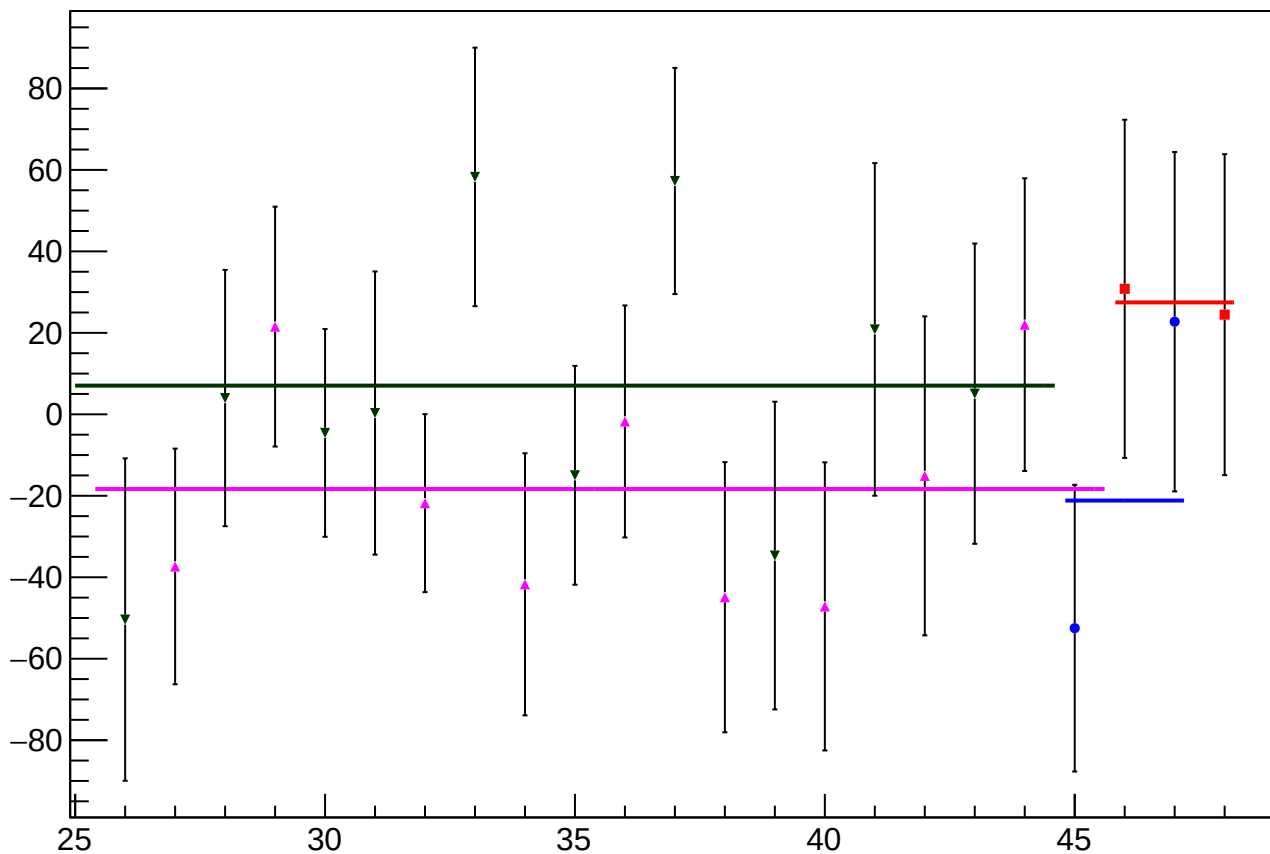
Right Out: 140.849+/-0.110 χ^2/NDF : 3345.8/1

Left In: 120.052+/-0.037 χ^2/NDF : 379795.5/8

132.946+/-0.039 χ^2/NDF : 429499.5/11

122.129+/-0.035 χ^2/NDF : 415156.5/10

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -21.168 ± 26.883 χ^2/NDF : 1.9/1

Left Out: 7.046 ± 10.139 χ^2/NDF : 10.2/9

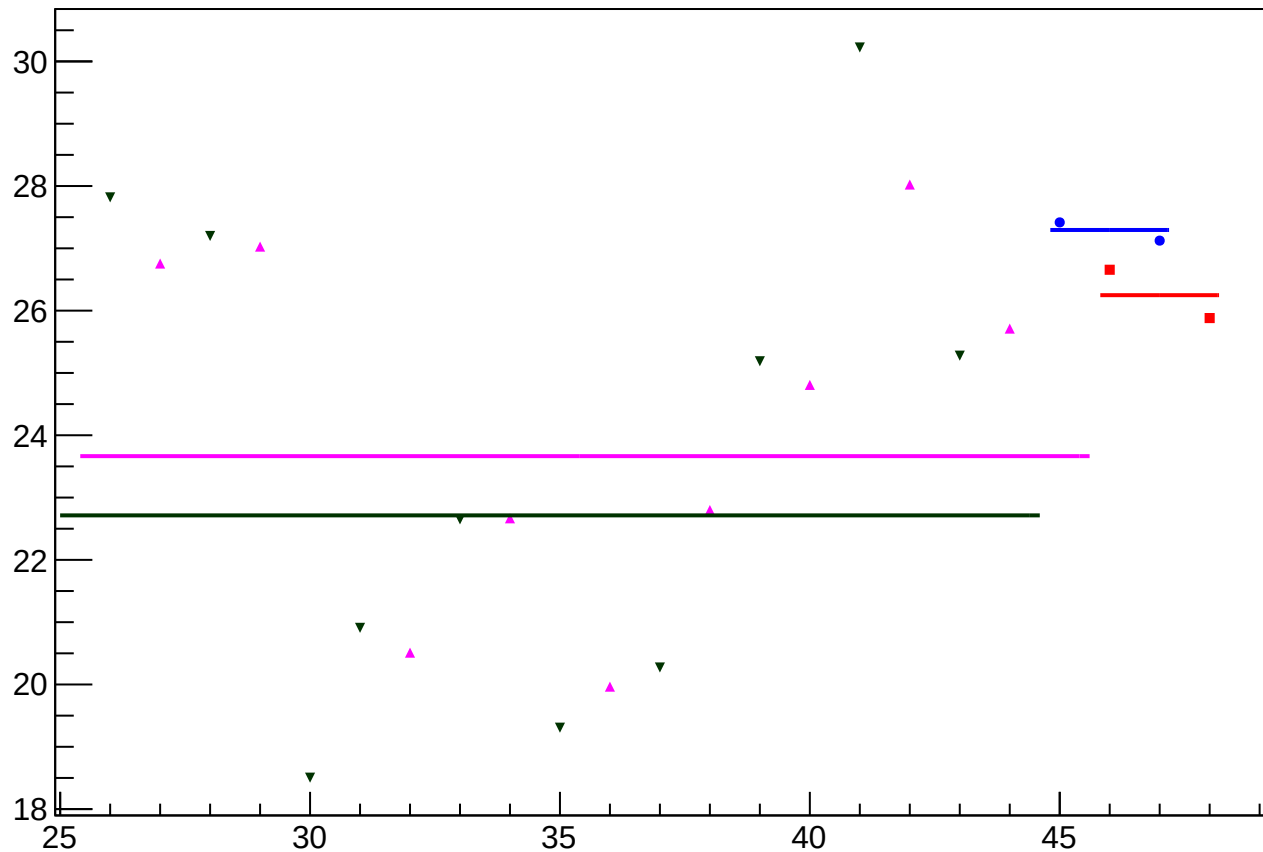
Right Out: 27.474 ± 28.576 χ^2/NDF : 0.0/1

Left In: -18.334 ± 10.112 χ^2/NDF : 5.7/8

3.532 ± 9.487 χ^2/NDF : 13.1/11

-13.236 ± 9.533 χ^2/NDF : 8.0/10

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 27.295 $\pm$ 0.019 χ^2/NDF : 57.7/1

Left Out: 22.714 $\pm$ 0.007 χ^2/NDF : 267334.5/9

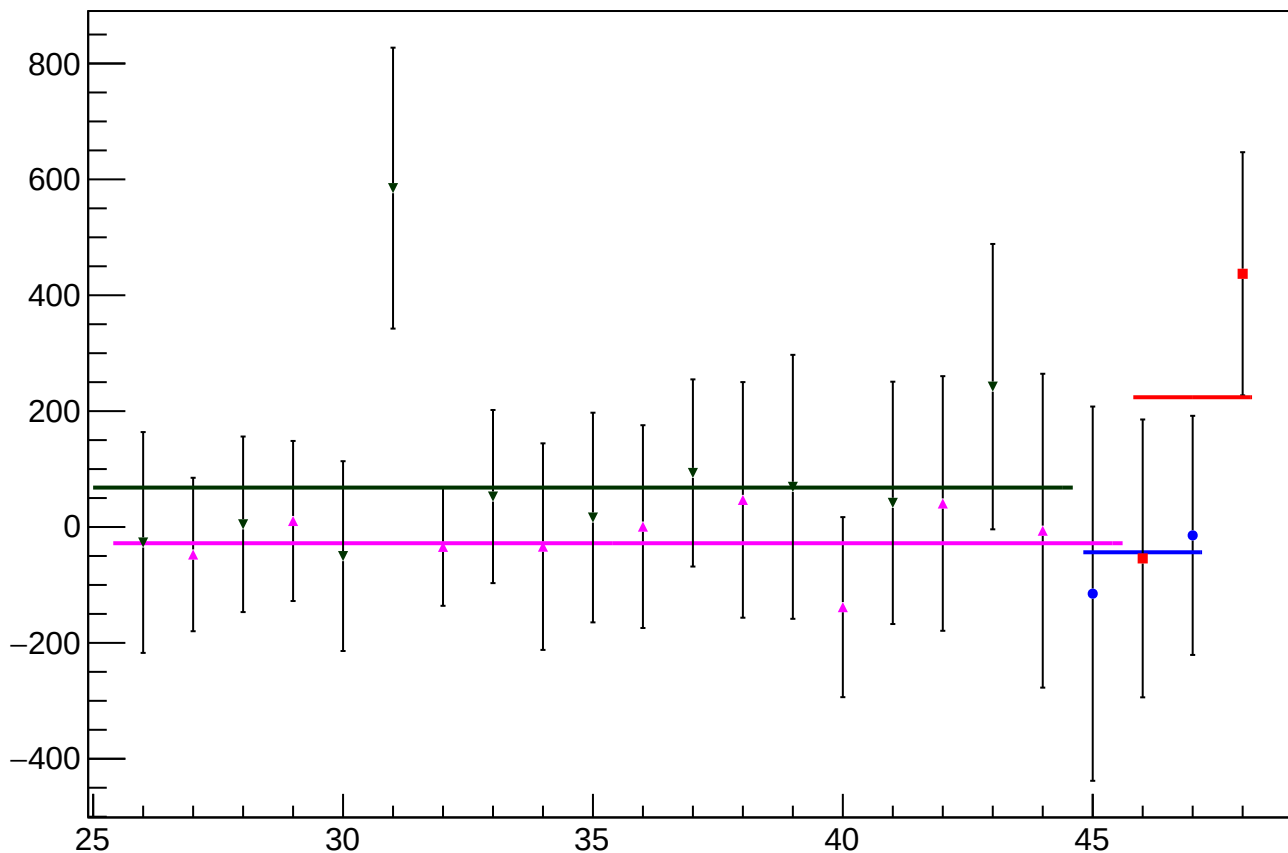
Right Out: 26.248 $\pm$ 0.020 χ^2/NDF : 367.1/1

Left In: 23.665 $\pm$ 0.007 χ^2/NDF : 161021.9/8

23.285 $\pm$ 0.007 χ^2/NDF : 318223.7/11

23.952 $\pm$ 0.007 χ^2/NDF : 175917.1/10

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

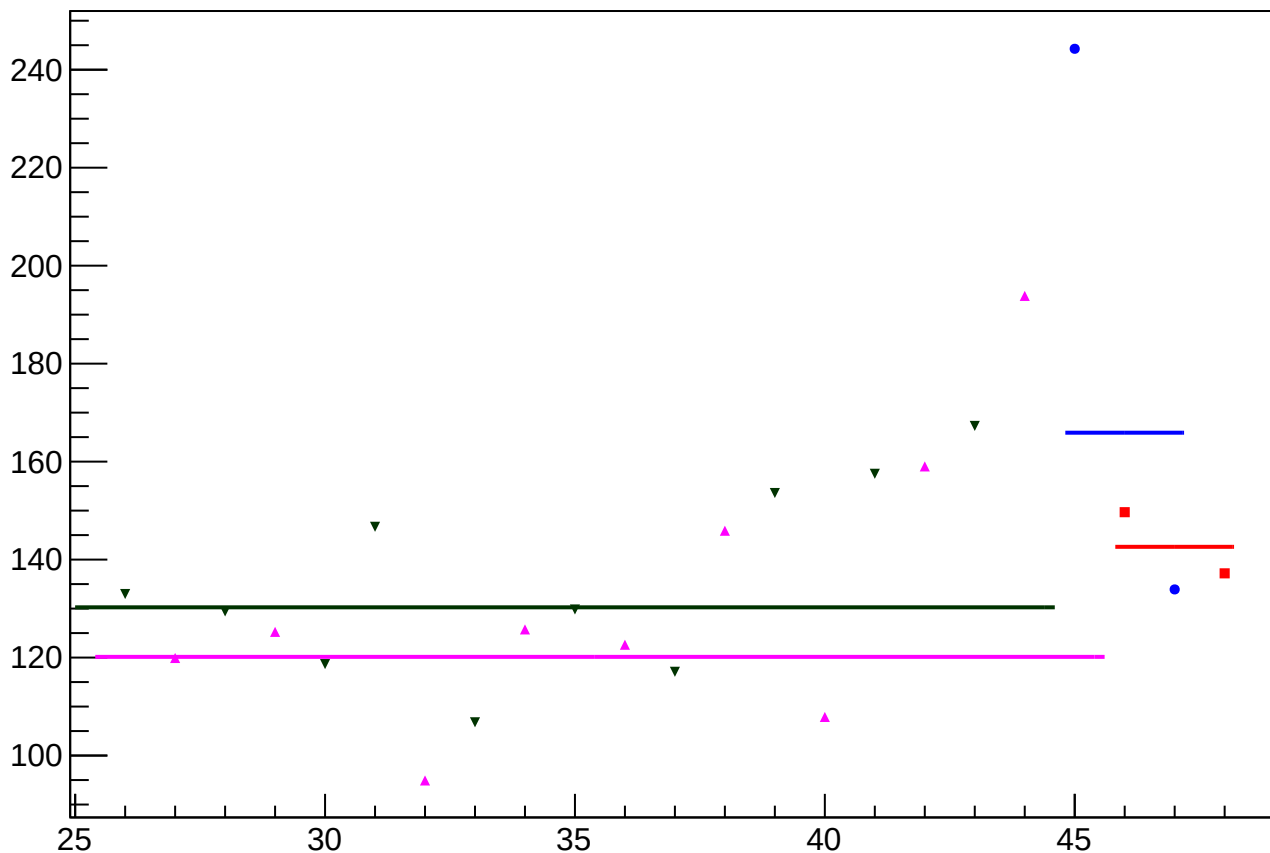
Right Out: 223.969 $\pm$ 157.922 χ^2 /NDF: 2.4/1

Left In: -27.981 $\pm$ 51.982 χ^2 /NDF:0.9/8

56.895 $\pm$ 54.985 χ^2 /NDF: 6.6/11

-3.352 $\pm$ 49.376 χ^2 /NDF: 5.5/10

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 165.904+/-0.123 χ^2/NDF : 165821.4/1

Left Out: 130.257+/-0.041 χ^2/NDF : 182492.6/9

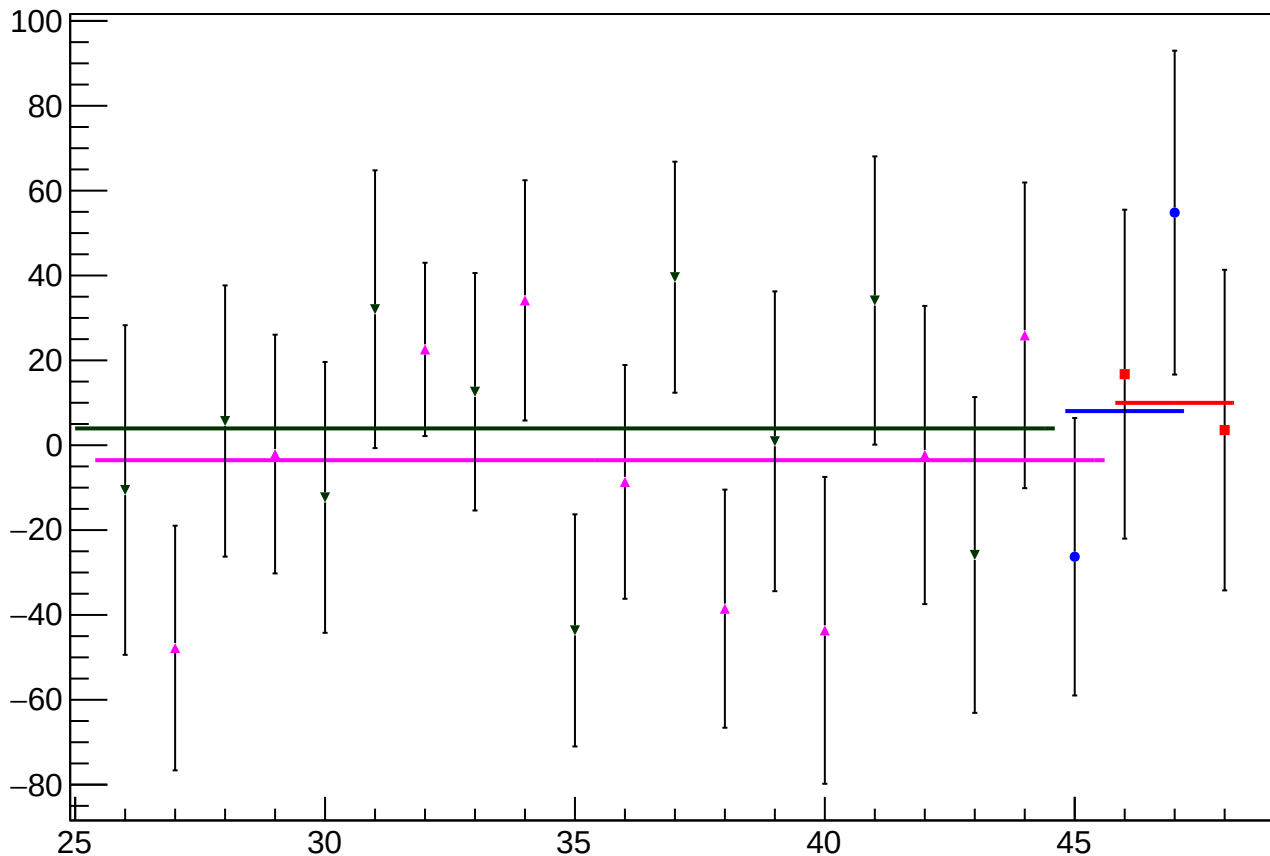
Right Out: 142.608+/-0.112 χ^2/NDF : 3069.5/1

Left In: 120.145+/-0.037 χ^2/NDF : 383181.0/8

133.821+/-0.039 χ^2/NDF : 423954.8/11

122.341+/-0.035 χ^2/NDF : 422762.1/10

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

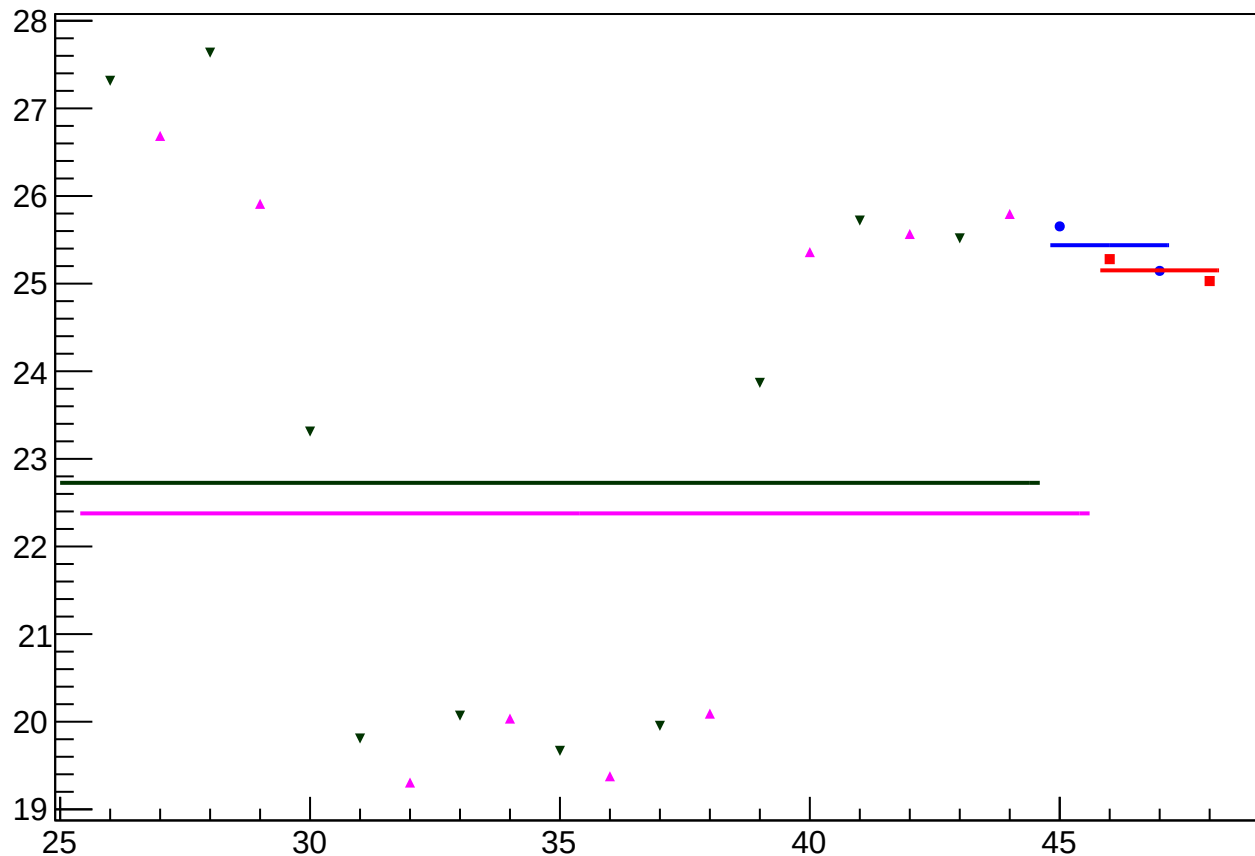
Right Out: 9.986 $\pm$ 27.054 χ^2 /NDF: 0.1/1

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

4.535 $\pm$ 9.313 χ^2 /NDF: 10.0/11

-2.041 $\pm$ 8.976 χ^2 /NDF: 9.5/10

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

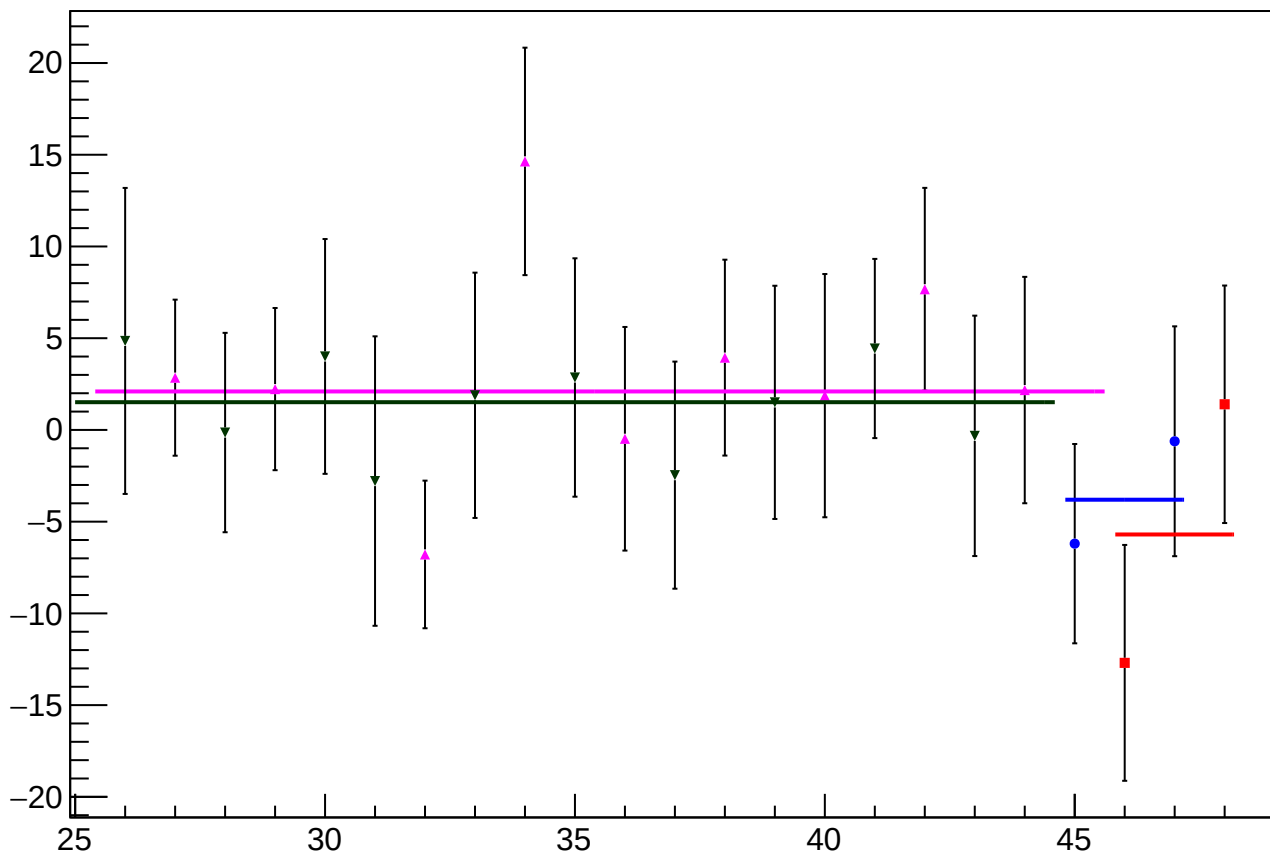
Right Out: 25.151+/-0.019 χ^2/NDF : 42.7/1

Left In: 22.378+/-0.007 χ^2/NDF :220187.8/8

23.108+/-0.007 χ^2/NDF : 205027.3/11

22.683+/-0.006 χ^2/NDF : 238937.3/10

diff_bpm12X_mean vs slug



Right In: -3.804+/-4.104 χ^2/NDF : 0.5/1

Left Out: 1.512+/-1.997 χ^2/NDF : 1.6/9

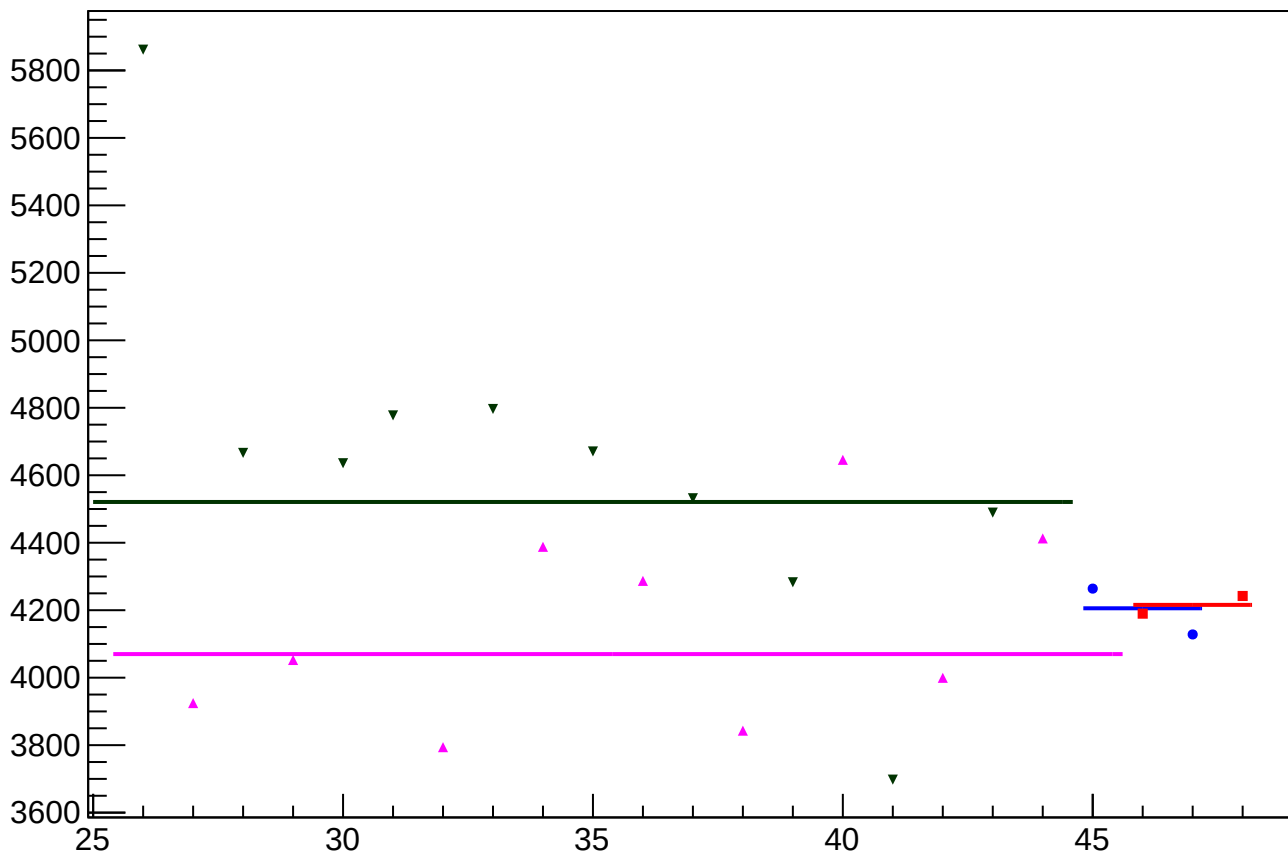
Right Out: -5.698+/-4.561 χ^2/NDF : 2.4/1

Left In: 2.097+/-1.720 χ^2/NDF : 10.3/8

0.495+/-1.795 χ^2/NDF : 3.4/11

1.127+/-1.609 χ^2/NDF : 15.3/10

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

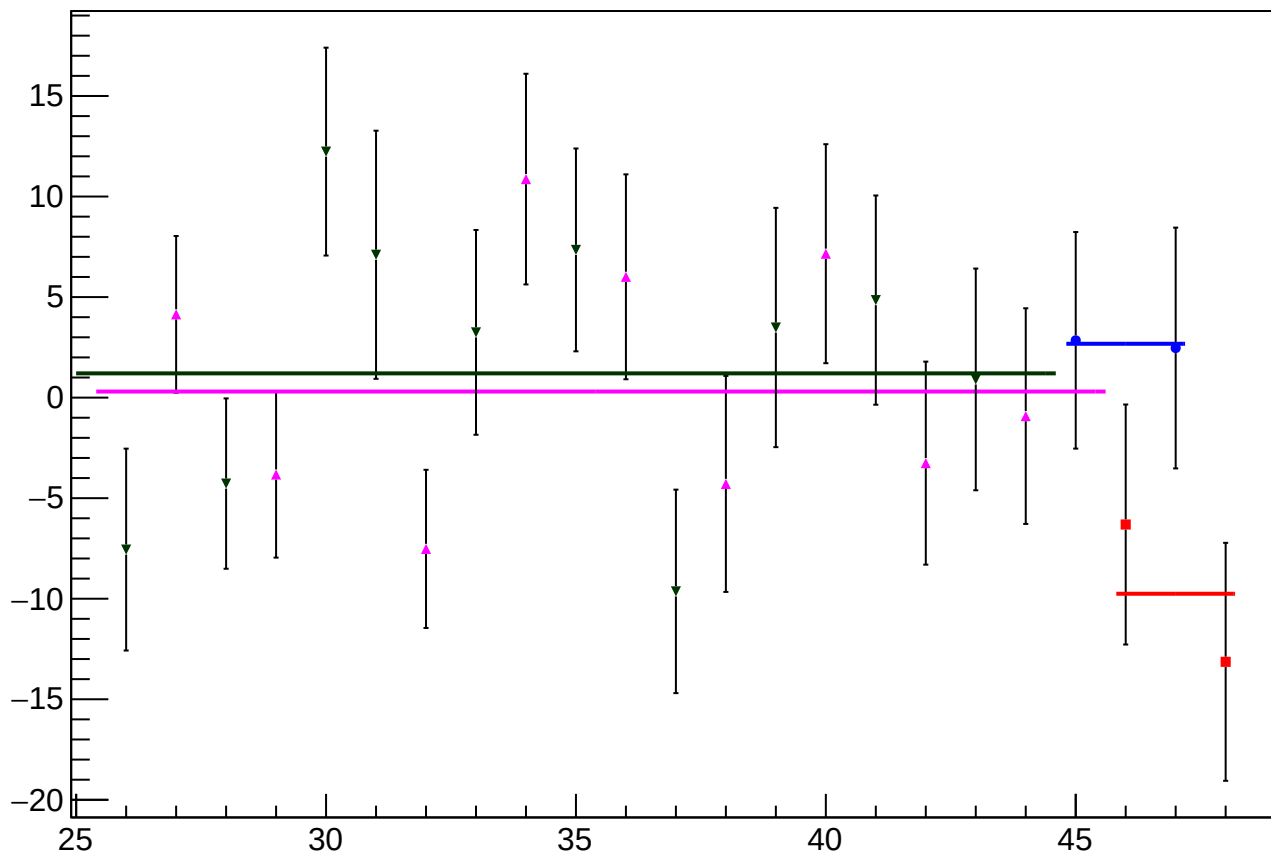
Right Out: 4215.802+/-3.225 χ^2/NDF : 65.9/1

Left In: 4069.946+/-1.216 χ^2/NDF :44773.6/8

4460.538+/-1.270 χ^2/NDF : 130061.8/11

4088.104+/-1.138 χ^2/NDF : 46630.0/10

diff_bpm12Y_mean vs slug



Right In: 2.678 $\pm$ 4.004 χ^2 /NDF: 0.0/1

Left Out: 1.206 $\pm$ 1.635 χ^2 /NDF:17.1/9

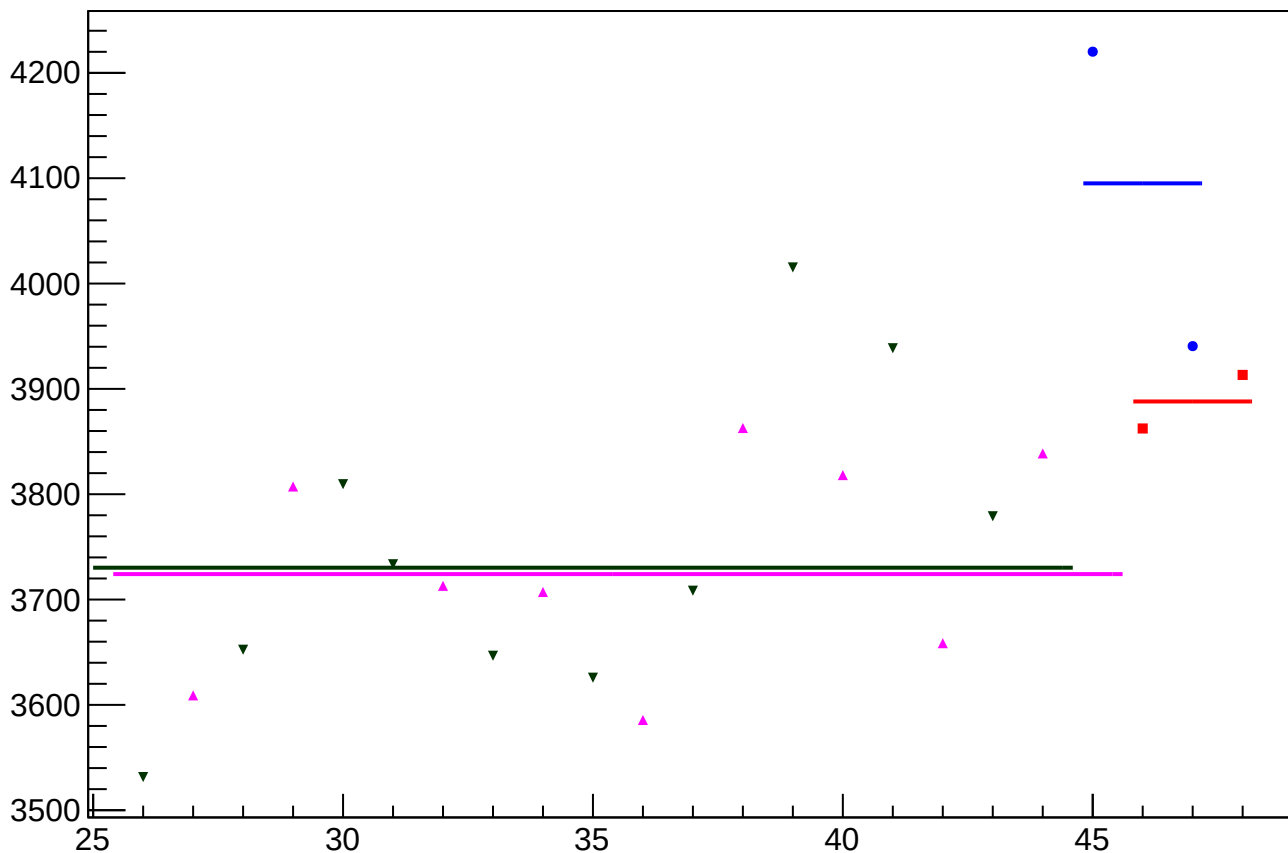
Right Out: -9.753 $\pm$ 4.202 χ^2 /NDF: 0.7/1

Left In: 0.303 $\pm$ 1.568 χ^2 /NDF:14.1/8

1.417 $\pm$ 1.513 χ^2 /NDF: 17.2/11

-0.927 $\pm$ 1.469 χ^2 /NDF: 19.8/10

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

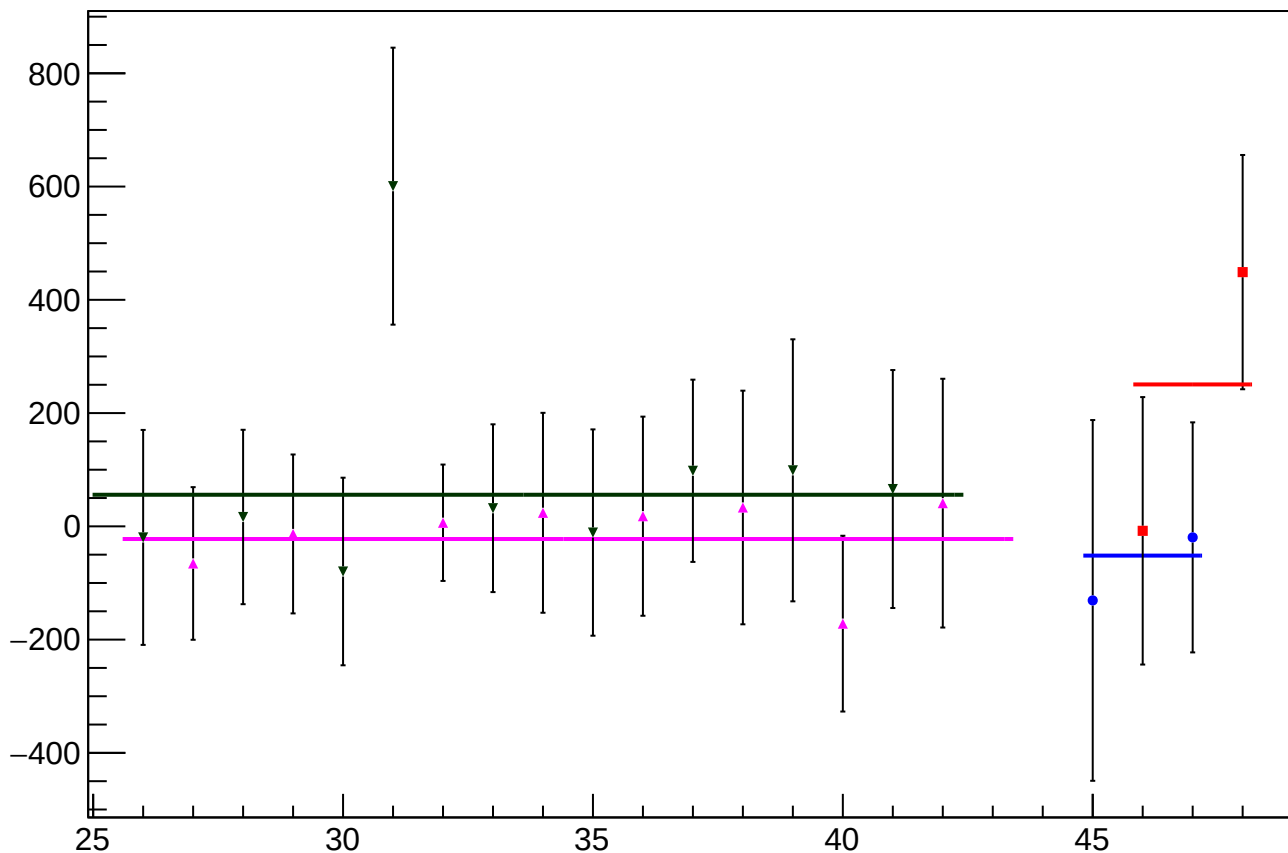
Right Out: 3888.049+/-2.971 χ^2 /NDF: 73.2/1

Left In: 3724.165+/-1.109 χ^2 /NDF:7252.6/8

3782.370+/-1.070 χ^2 /NDF: 30319.5/11

3744.208+/-1.039 χ^2 /NDF: 9996.2/10

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 $\pm$ 171.258 χ^2/NDF : 0.1/1

Left Out: 55.788 $\pm$ 59.892 χ^2/NDF : 6.1/8

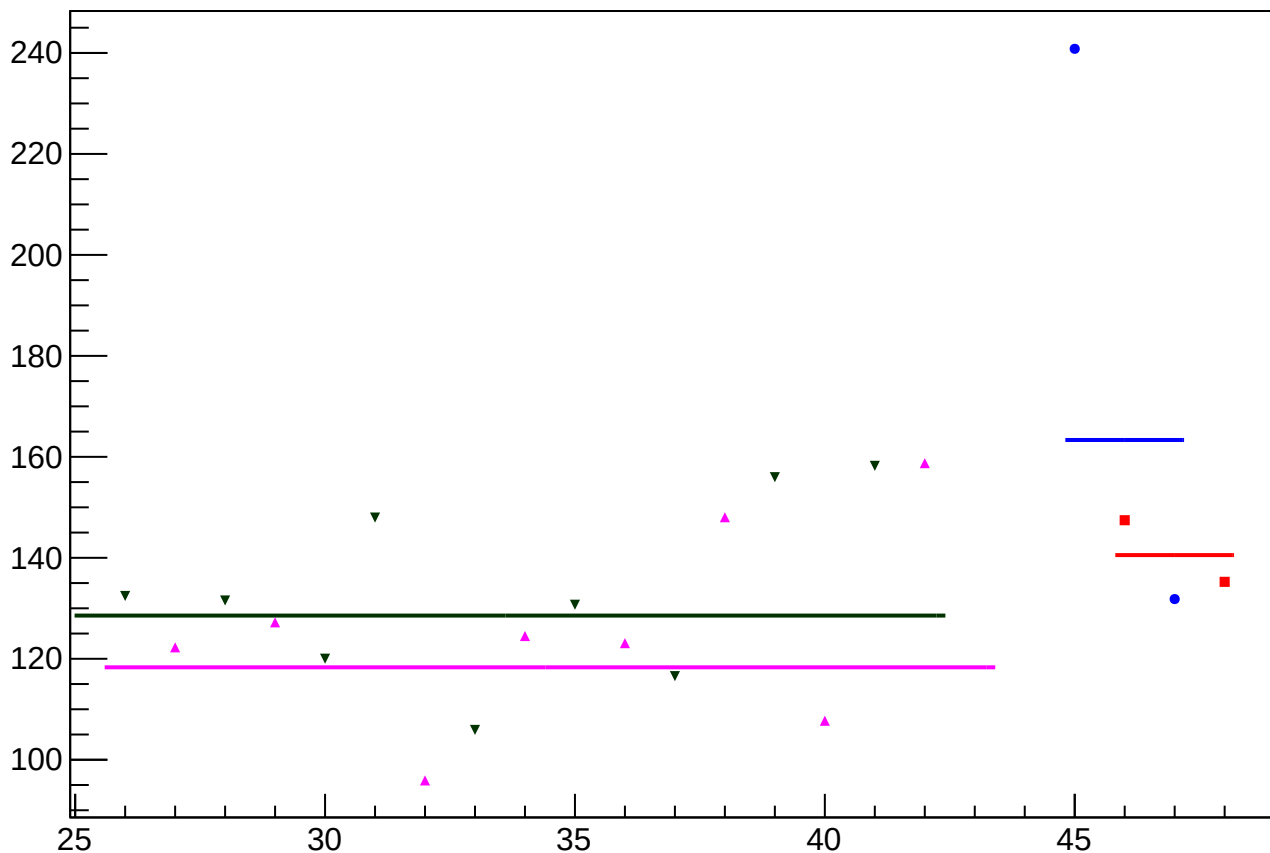
Right Out: 250.594 $\pm$ 155.594 χ^2/NDF : 2.1/1

Left In: -22.351 $\pm$ 53.393 χ^2/NDF : 1.4/7

44.079 $\pm$ 56.535 χ^2/NDF : 6.6/10

6.403 $\pm$ 50.502 χ^2/NDF : 6.3/9

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

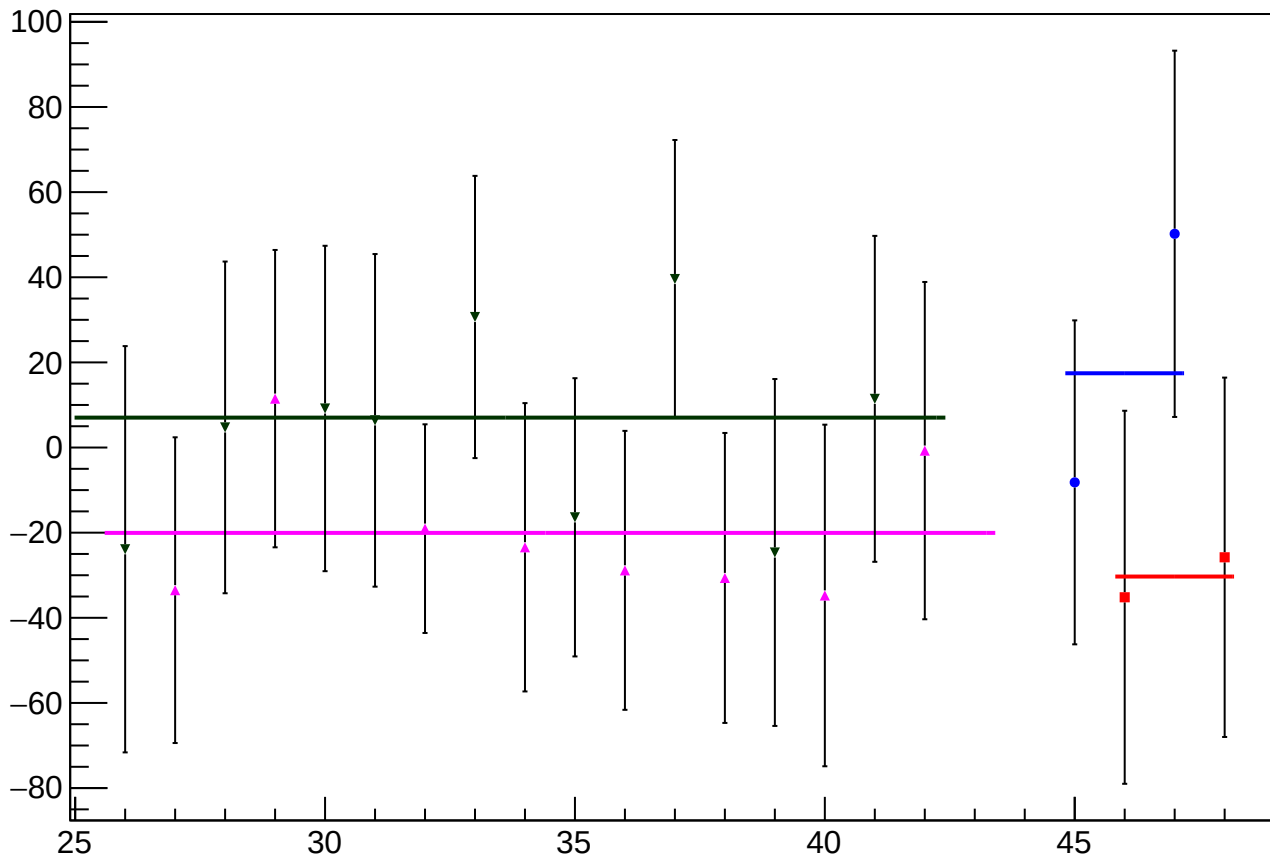
Right Out: 140.541+/-0.110 χ^2/NDF : 3022.7/1

Left In: 118.311+/-0.038 χ^2/NDF : 227483.3/7

132.350+/-0.040 χ^2/NDF : 385559.7/10

120.652+/-0.036 χ^2/NDF : 267030.1/9

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2 /NDF: 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2 /NDF: 3.1/8

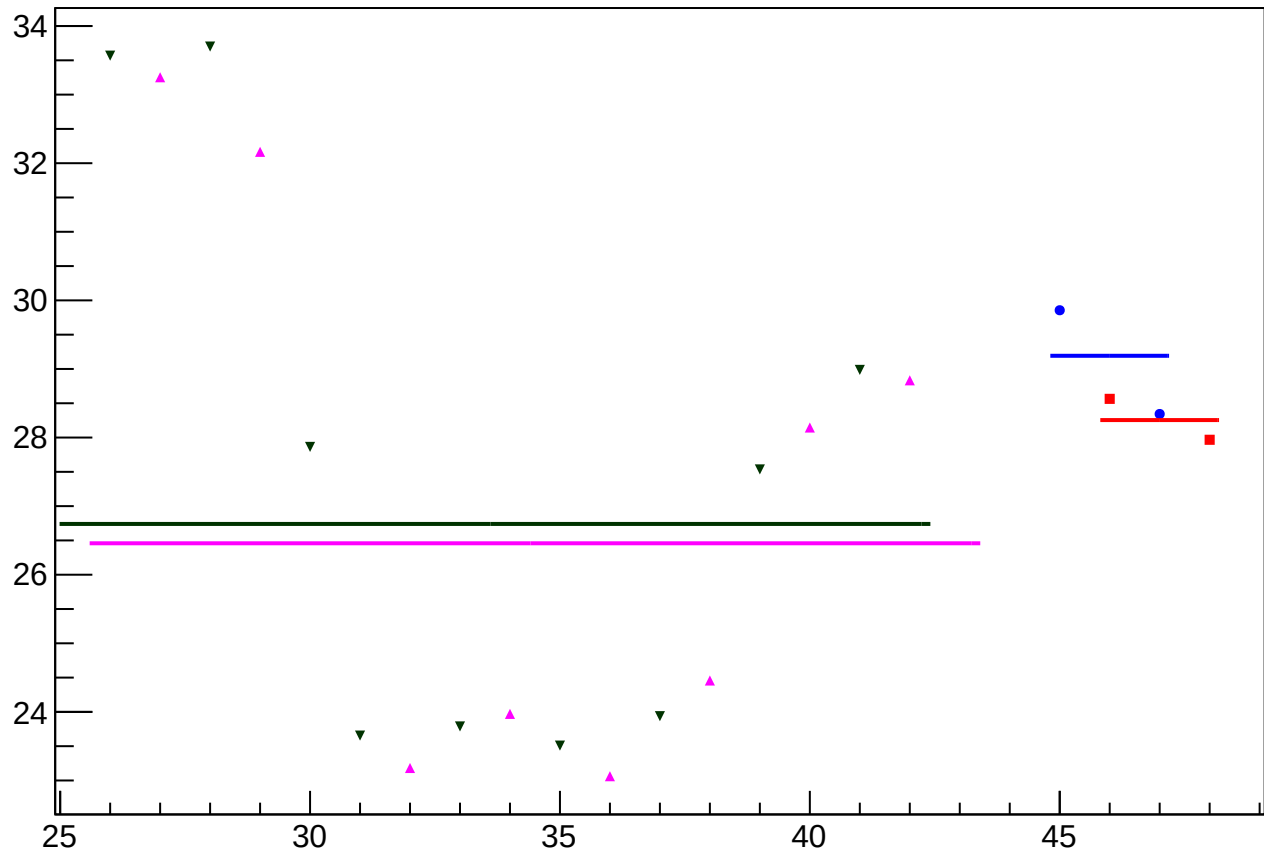
Right Out: -30.306 $\pm$ 30.400 χ^2 /NDF: 0.0/1

Left In: -20.053 $\pm$ 11.799 χ^2 /NDF: 1.5/7

8.686 $\pm$ 11.369 χ^2 /NDF: 4.2/10

-21.395 $\pm$ 10.999 χ^2 /NDF: 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192±/0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740±/0.009 χ^2/NDF :176771.5/8

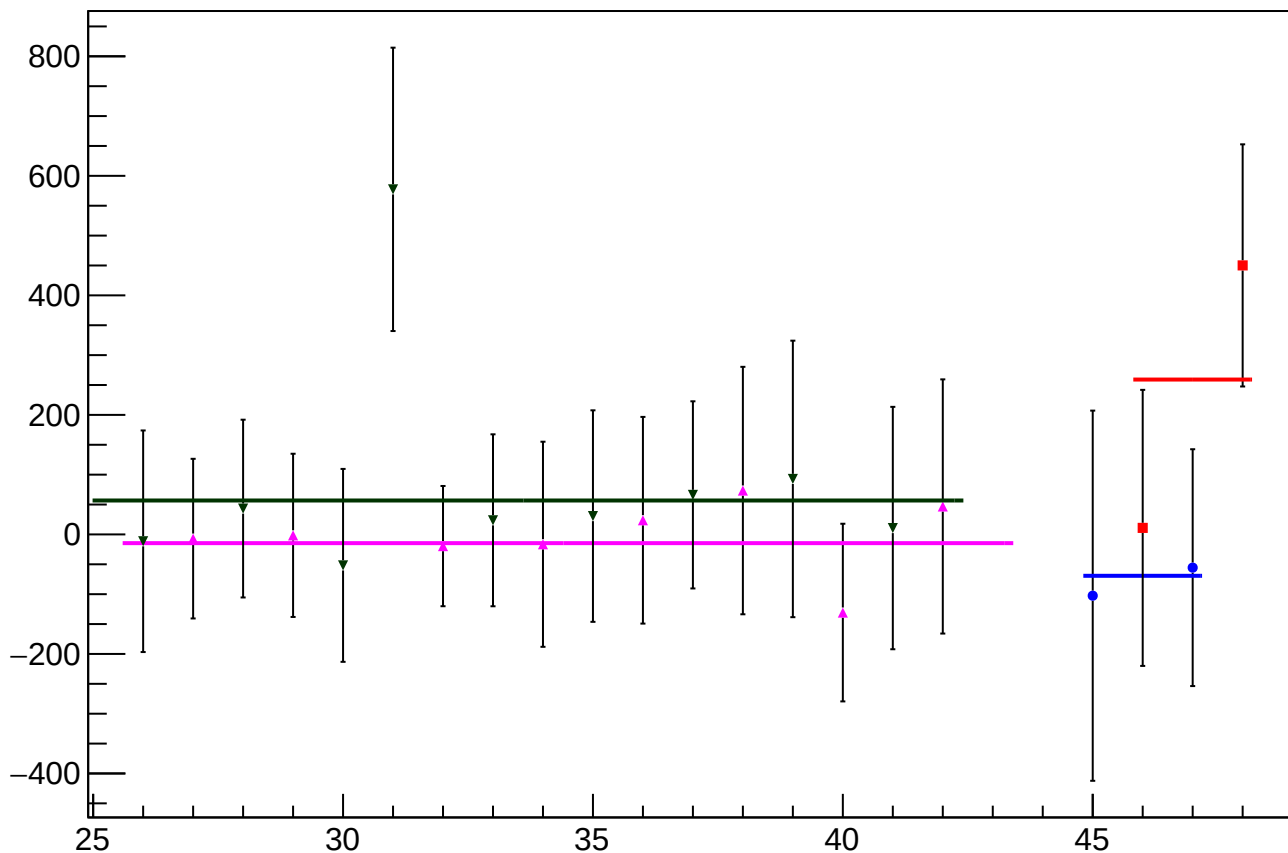
Right Out: 28.255±/0.021 χ^2/NDF : 192.3/1

Left In: 26.458±/0.008 χ^2/NDF :210657.2/7

27.130±/0.008 χ^2/NDF : 190601.8/10

26.693±/0.008 χ^2/NDF : 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

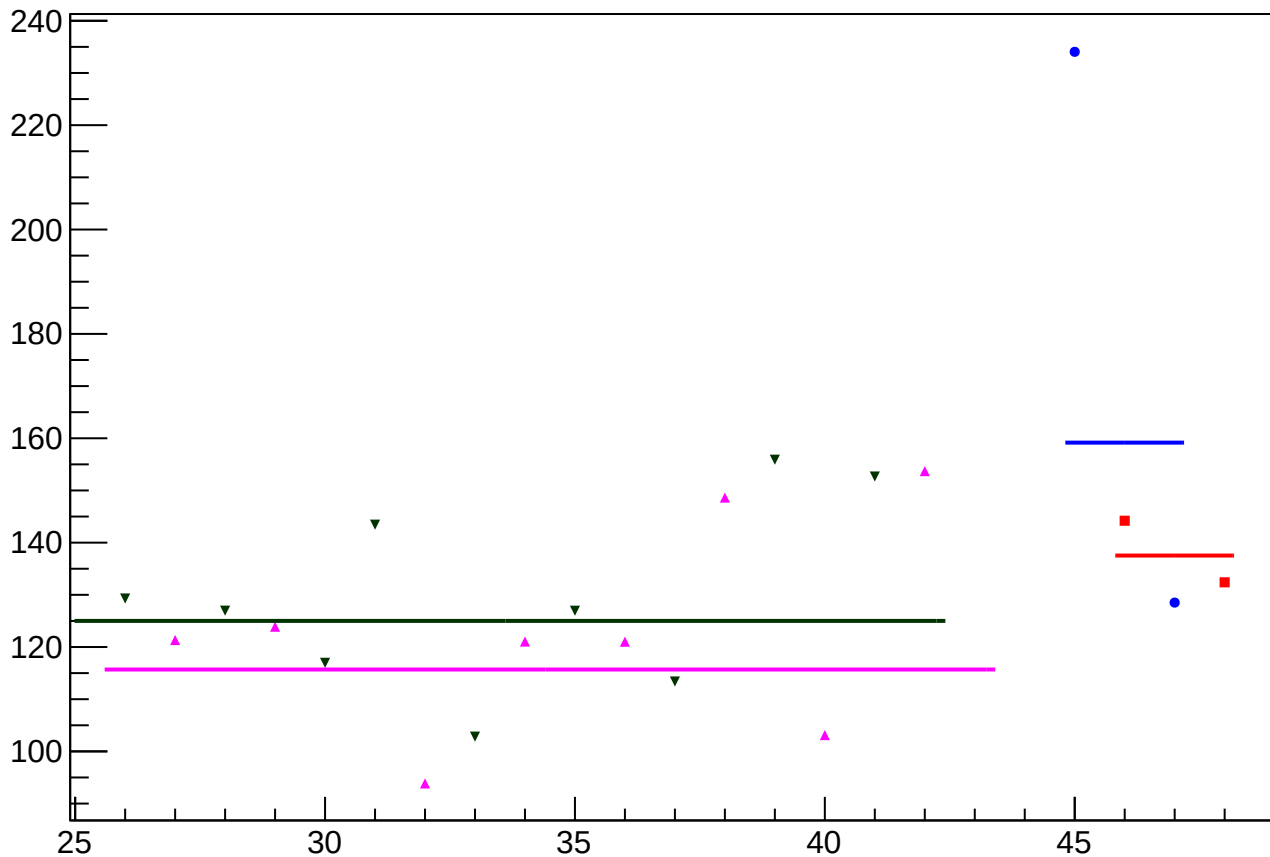
Right Out: 259.134 $\pm$ 152.302 χ^2/NDF : 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2/NDF : 0.9/7

43.074 $\pm$ 55.012 χ^2/NDF : 6.1/10

14.199 $\pm$ 49.403 χ^2/NDF : 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167+/-0.118 χ^2/NDF : 164807.4/1

Left Out: 125.005+/-0.041 χ^2/NDF : 150125.6/8

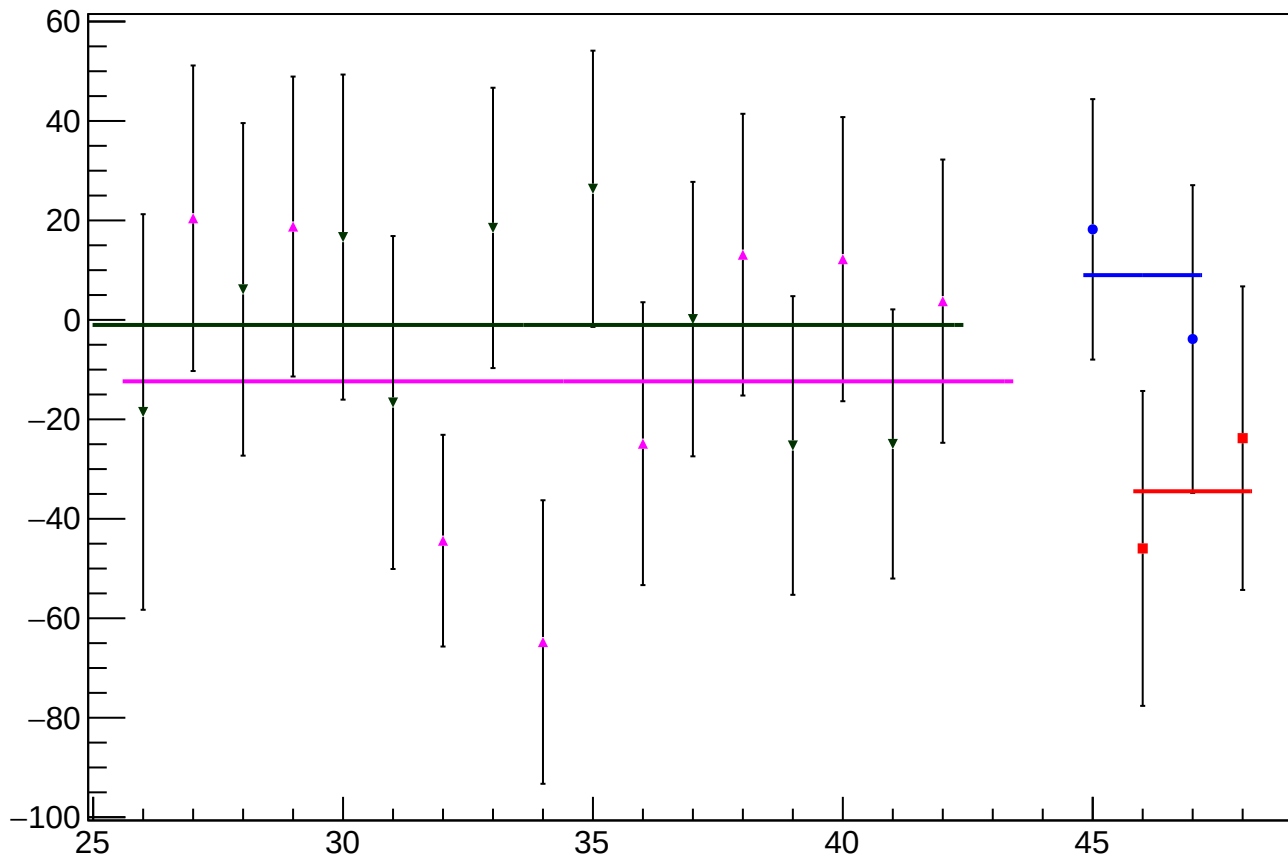
Right Out: 137.529+/-0.108 χ^2/NDF : 2951.2/1

Left In: 115.690+/-0.037 χ^2/NDF : 237670.3/7

128.716+/-0.039 χ^2/NDF : 389614.7/10

117.988+/-0.035 χ^2/NDF : 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2/NDF : 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2/NDF : 3.6/8

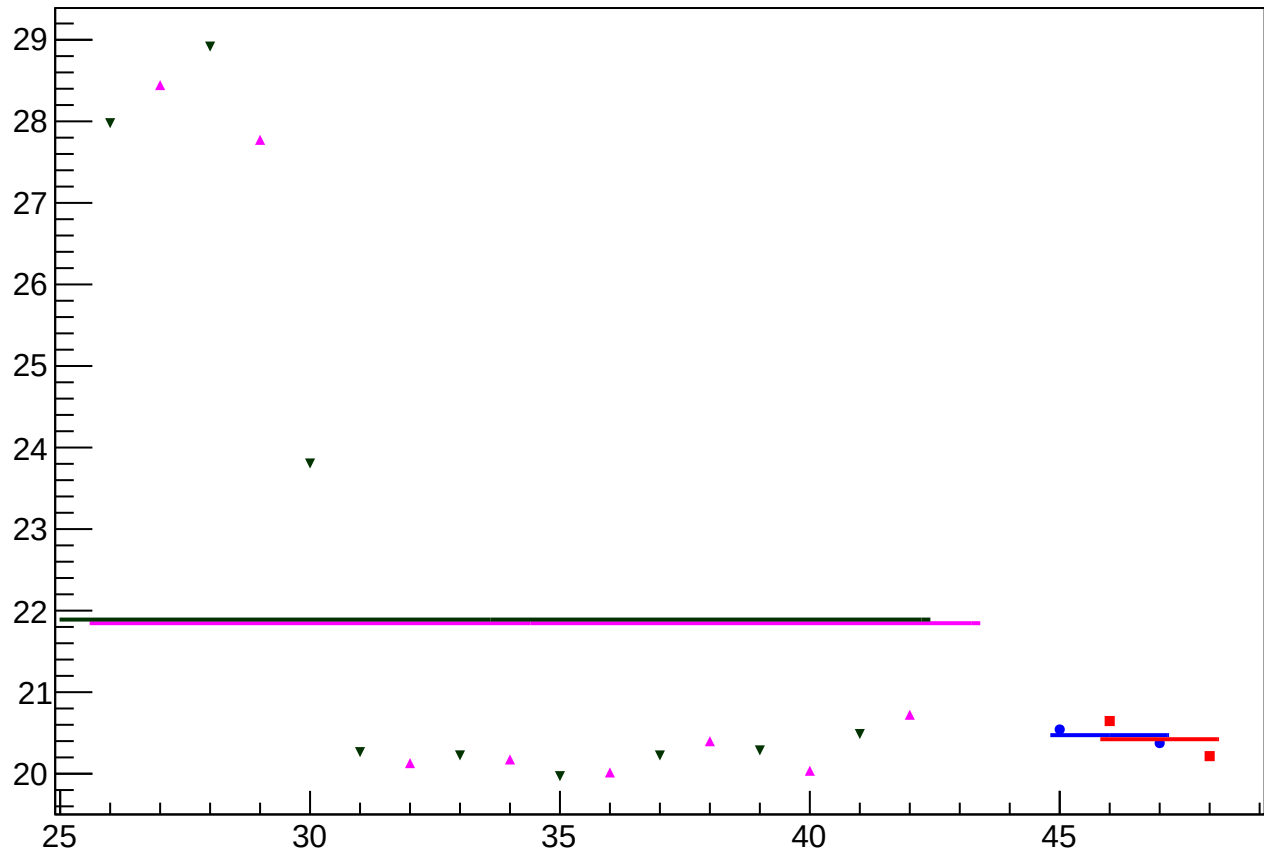
Right Out: -34.463 $\pm$ 21.974 χ^2/NDF : 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2/NDF : 9.9/7

1.038 $\pm$ 9.053 χ^2/NDF : 4.1/10

-15.987 $\pm$ 8.906 χ^2/NDF : 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

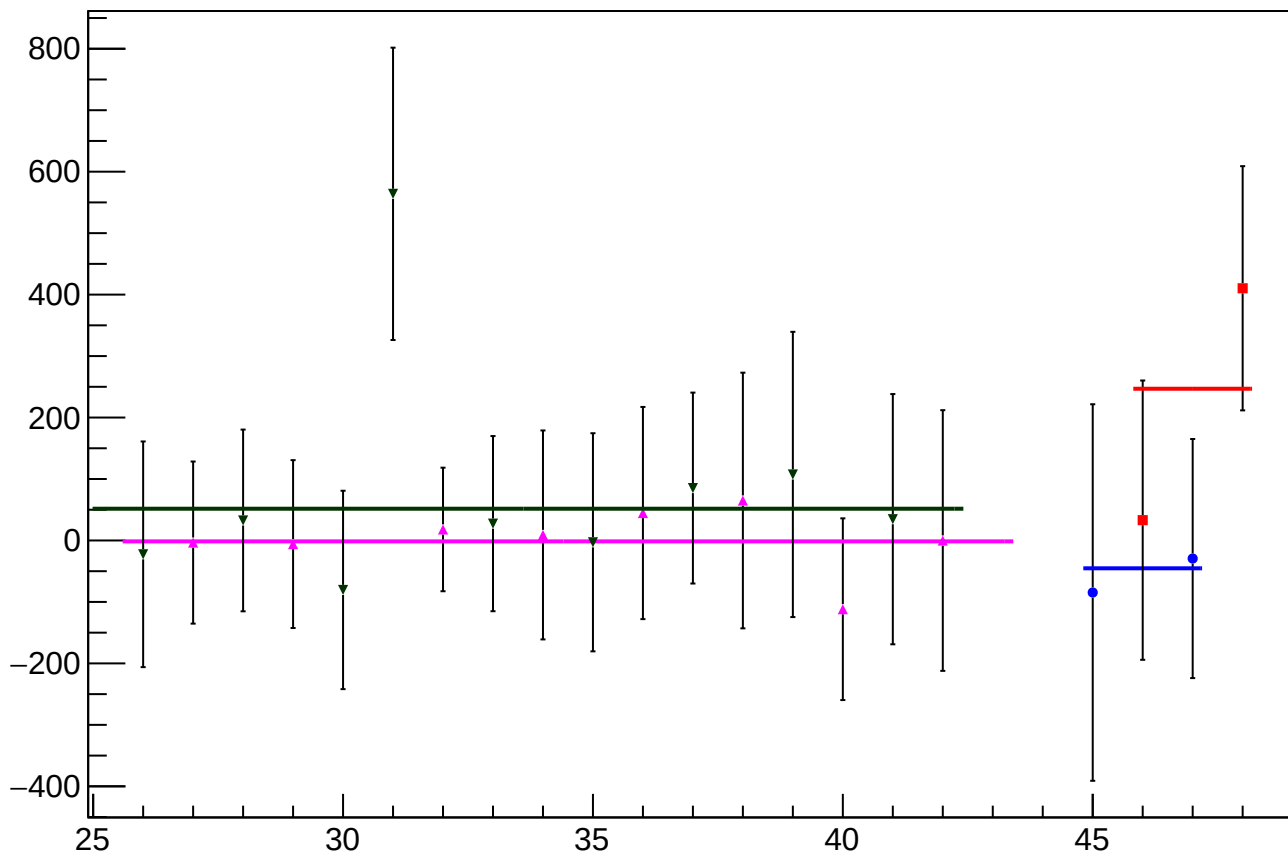
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

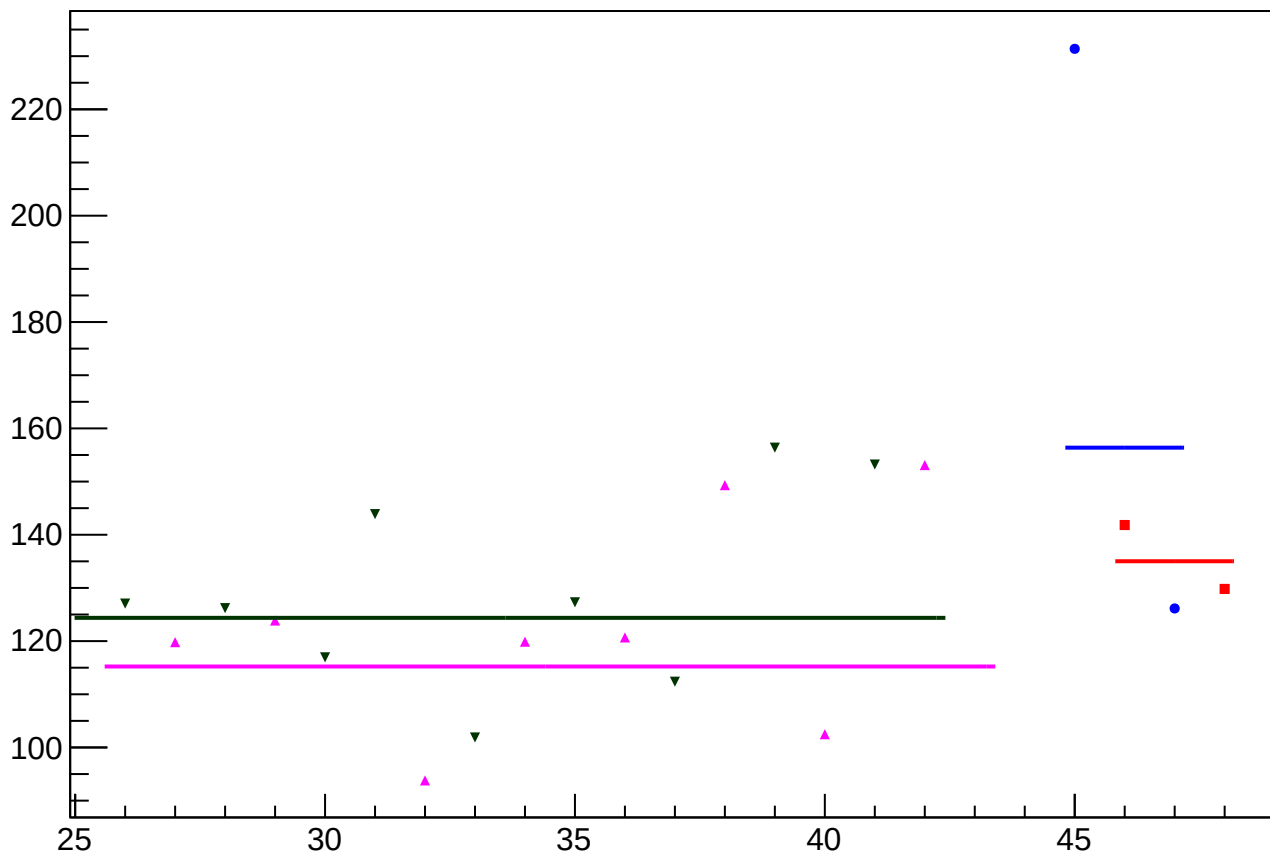
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF: 0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

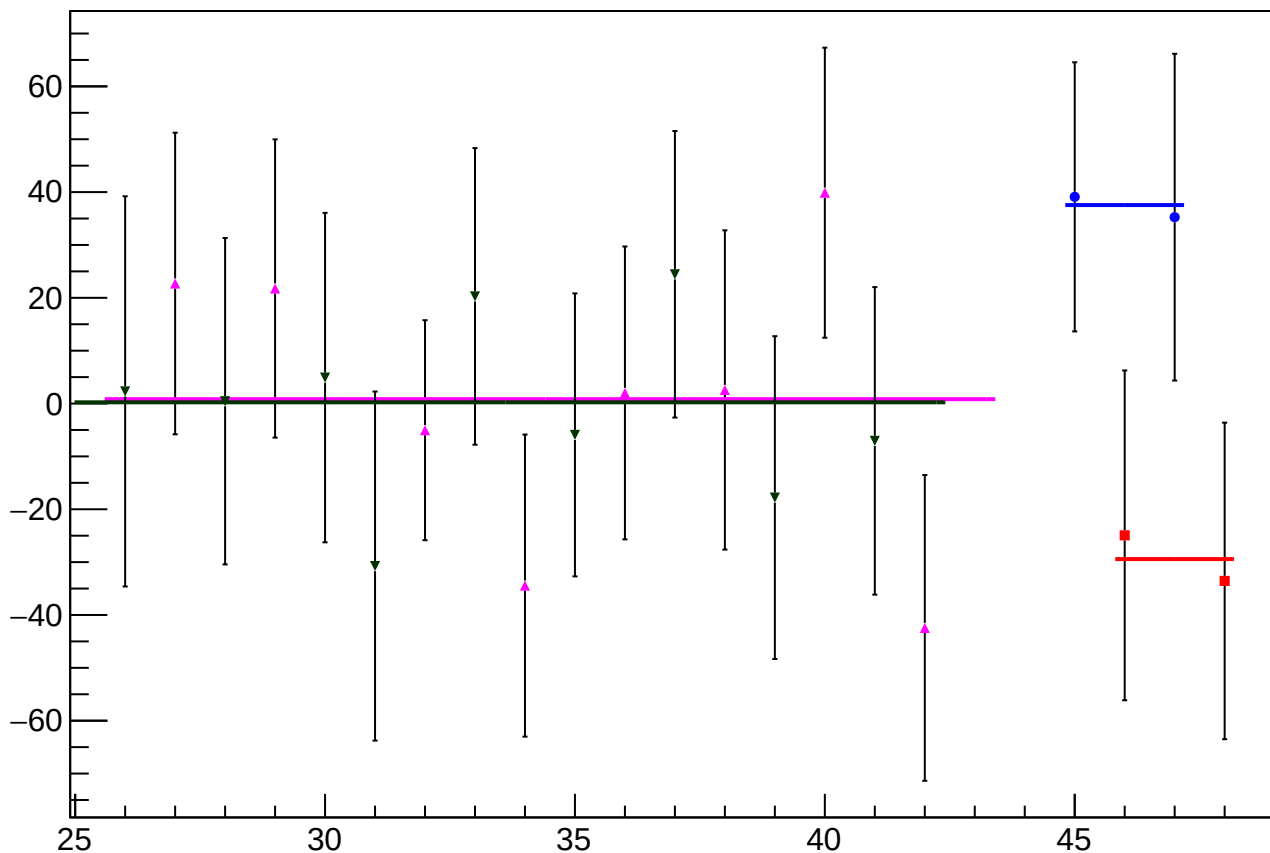
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

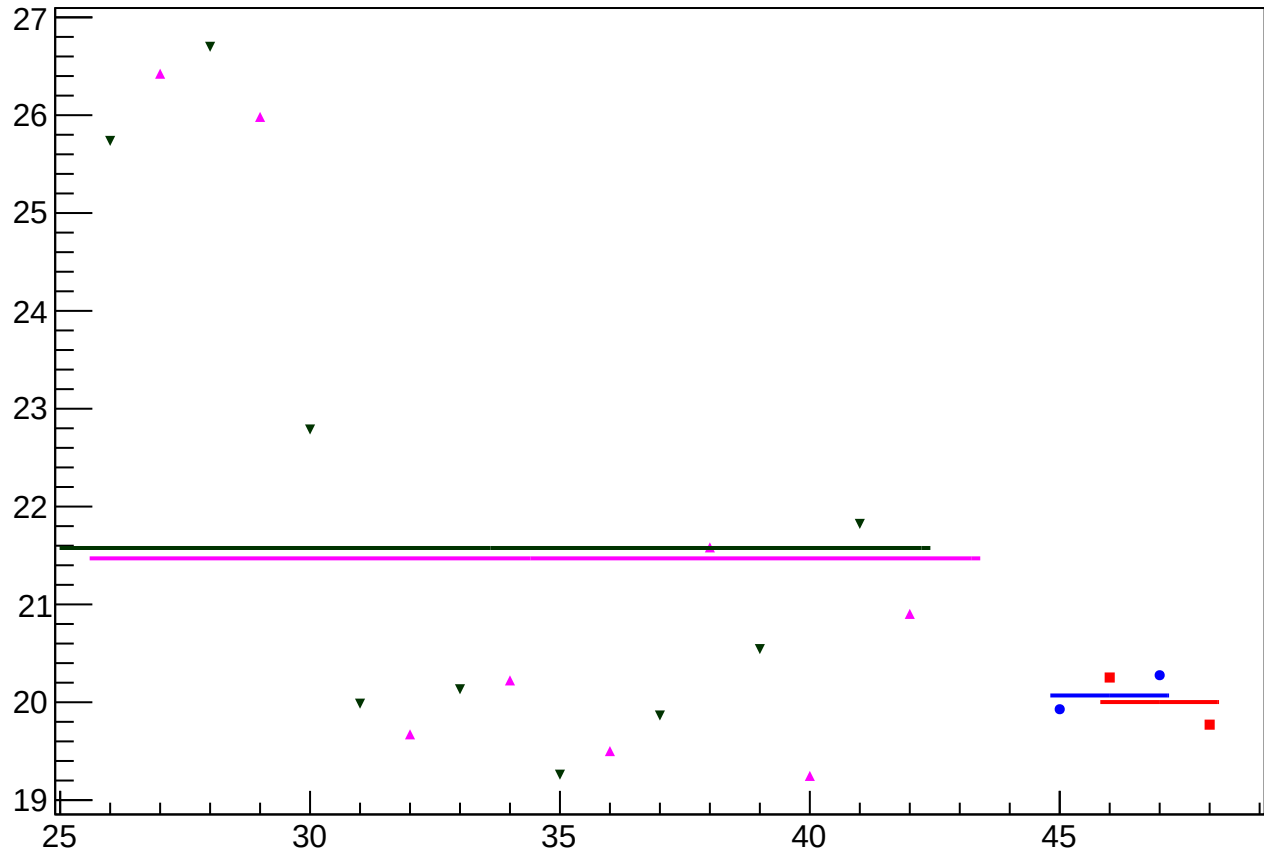
7.902+/-8.908 χ^2/NDF : 5.6/10

Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

-4.125+/-8.742 χ^2/NDF : 8.7/9

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

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

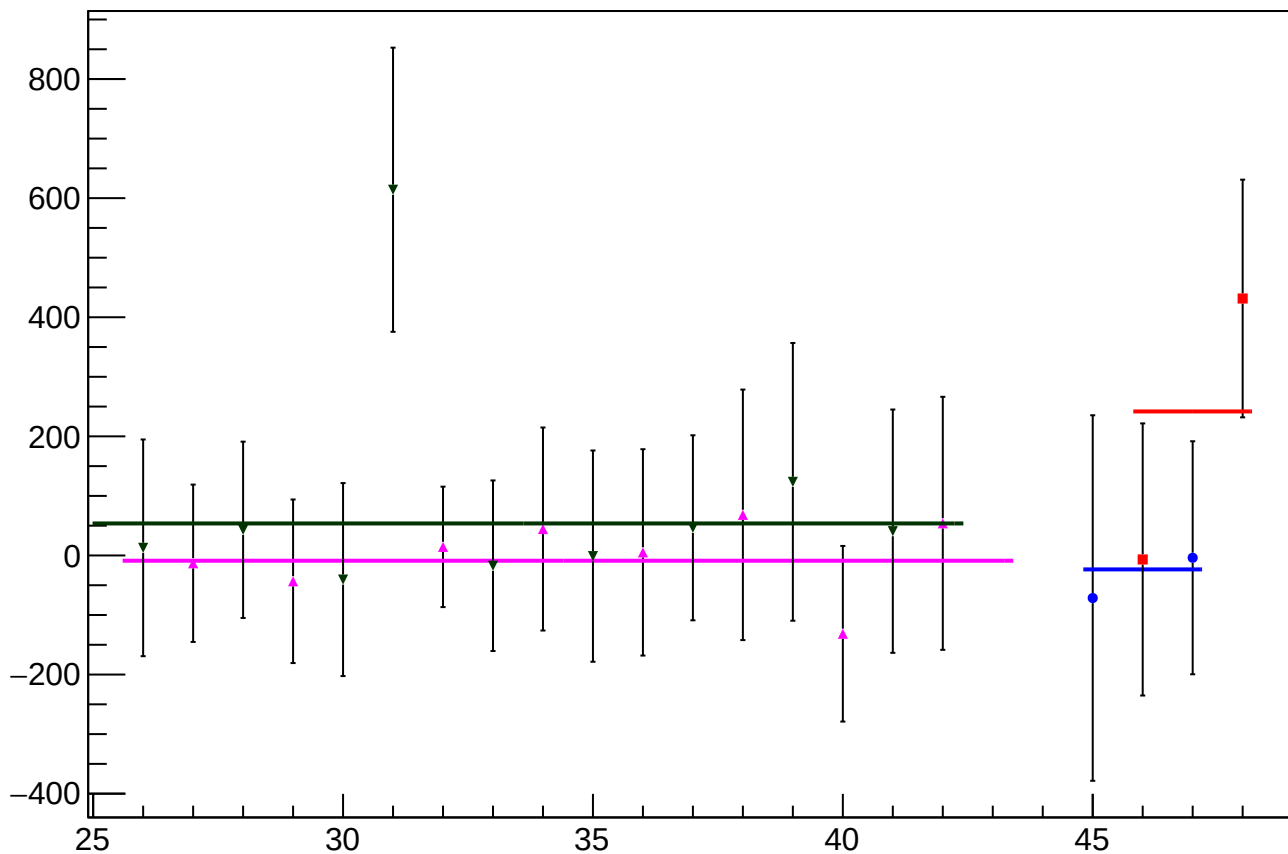
Right Out: 20.002 ± 0.015 χ^2/NDF : 248.4/1

Left In: 21.471 ± 0.007 χ^2/NDF : 154241.5/7

21.267 ± 0.006 χ^2/NDF : 128313.3/10

21.230 ± 0.006 χ^2/NDF : 162220.1/9

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2 /NDF: 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF: 6.3/8

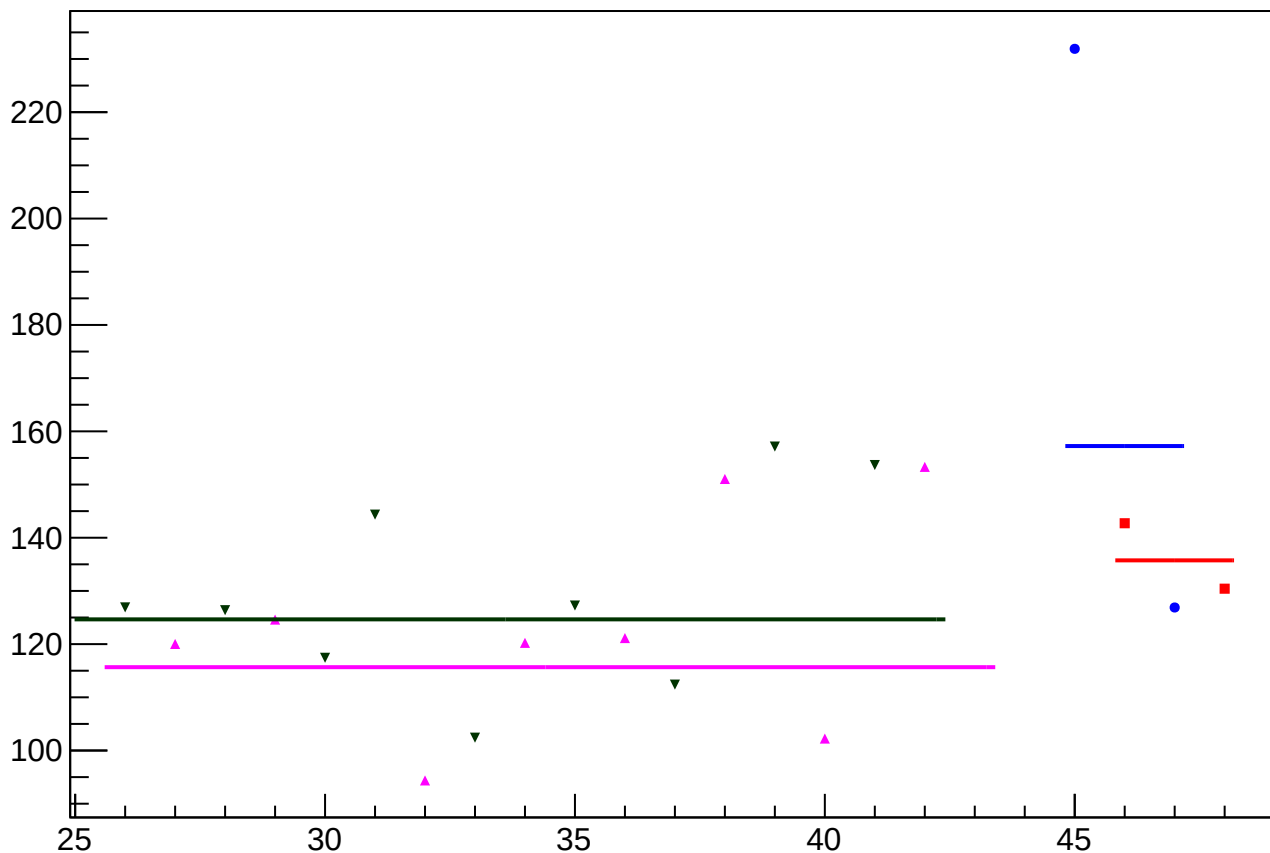
Right Out: 241.812 $\pm$ 150.311 χ^2 /NDF: 2.1/1

Left In: -8.870 $\pm$ 52.228 χ^2 /NDF: 1.1/7

45.213 $\pm$ 54.837 χ^2 /NDF: 6.6/10

18.134 $\pm$ 49.334 χ^2 /NDF: 5.7/9

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236+/-0.117 χ^2/NDF : 166522.0/1

Left Out: 124.654+/-0.041 χ^2/NDF : 158453.5/8

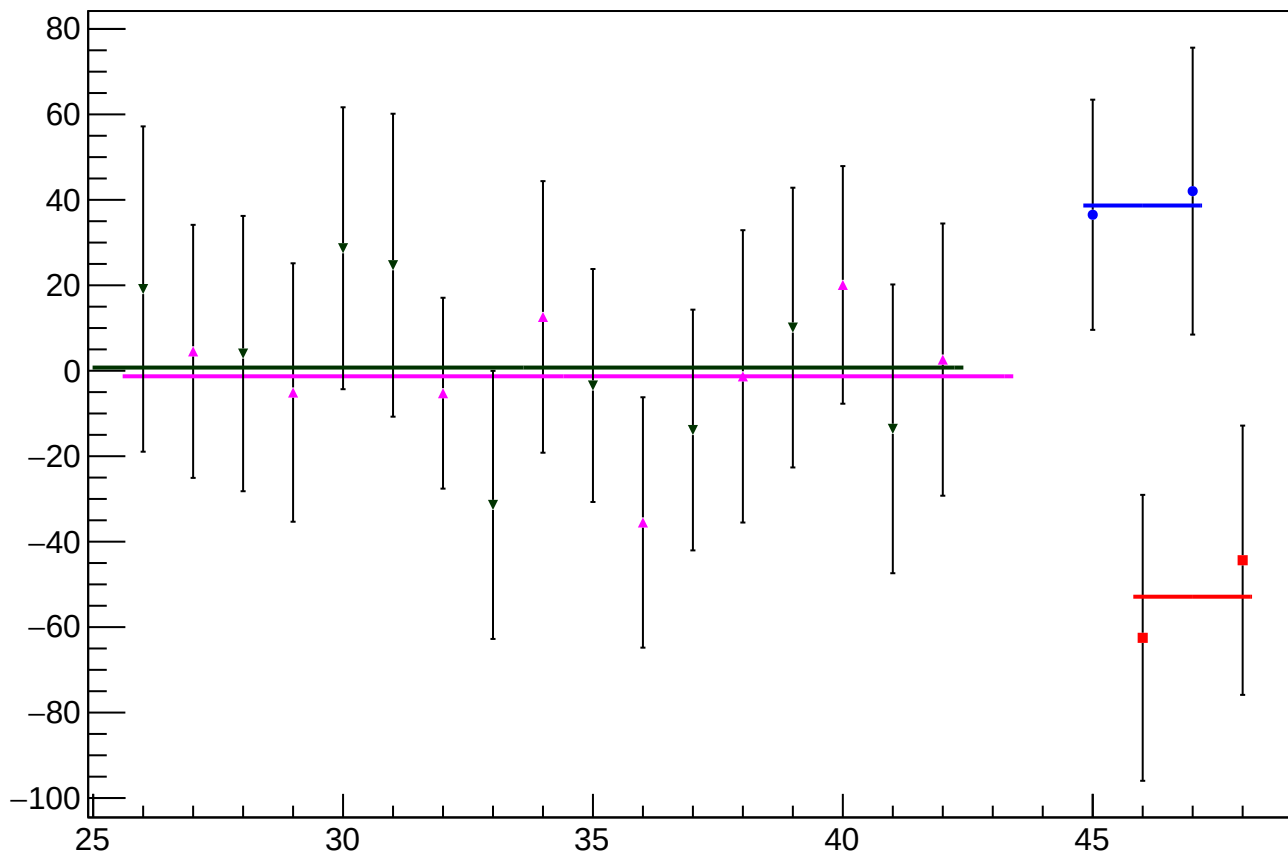
Right Out: 135.746+/-0.106 χ^2/NDF : 3289.9/1

Left In: 115.666+/-0.037 χ^2/NDF : 238759.2/7

128.254+/-0.039 χ^2/NDF : 394359.2/10

117.829+/-0.035 χ^2/NDF : 273895.5/9

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675+/-21.011 χ^2/NDF : 0.0/1

Left Out: 0.747+/-10.661 χ^2/NDF : 3.0/8

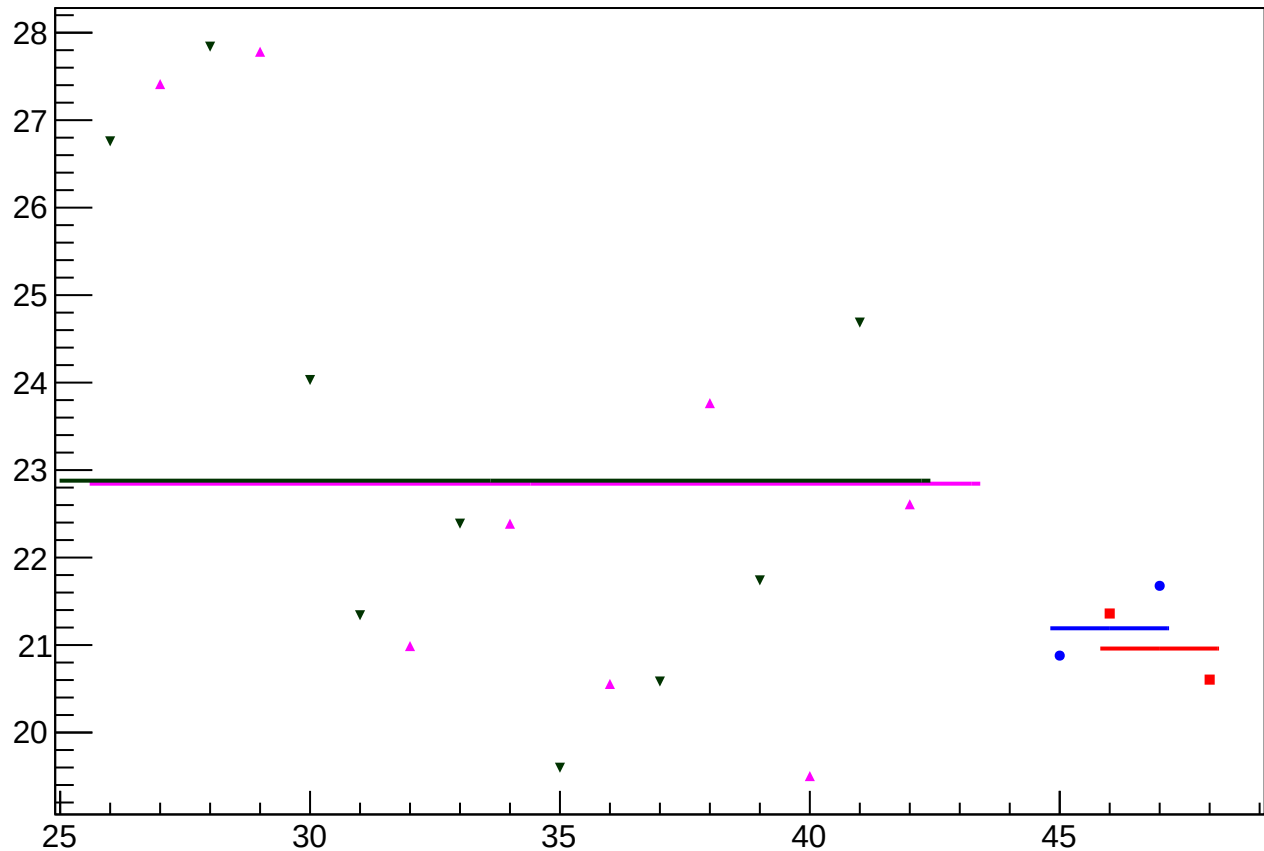
Right Out: -52.882+/-22.940 χ^2/NDF : 0.2/1

Left In: -1.298+/-10.246 χ^2/NDF : 2.2/7

8.513+/-9.507 χ^2/NDF : 5.6/10

-9.877+/-9.355 χ^2/NDF : 6.6/9

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 $\pm$ 0.015 χ^2 /NDF: 687.1/1

Left Out: 22.879 $\pm$ 0.008 χ^2 /NDF:125279.7/8

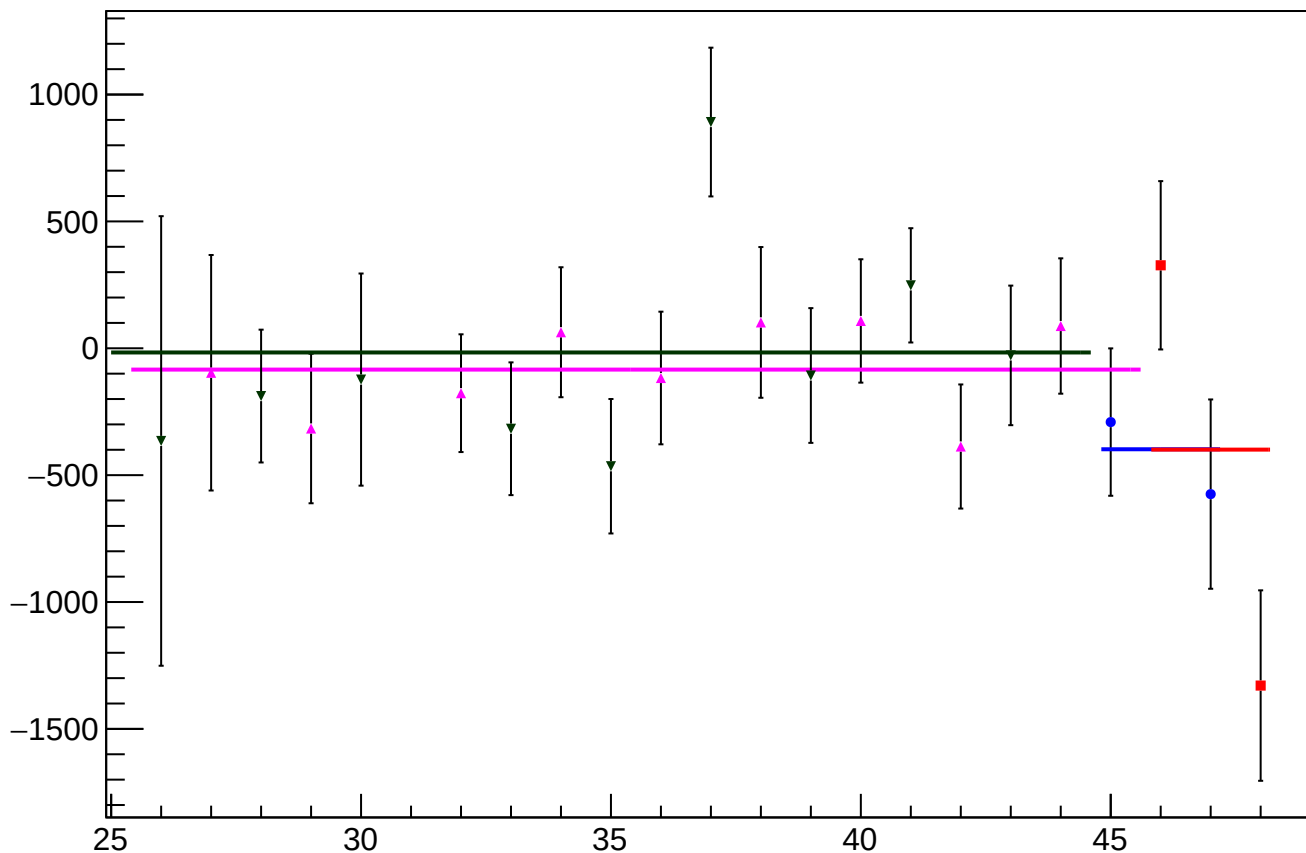
Right Out: 20.960 $\pm$ 0.016 χ^2 /NDF: 540.7/1

Left In: 22.845 $\pm$ 0.007 χ^2 /NDF:157790.8/7

22.533 $\pm$ 0.007 χ^2 /NDF: 136226.3/10

22.531 $\pm$ 0.007 χ^2 /NDF: 169585.5/9

asym_sam_15_avg_mean vs slug



Right In: -397.966+/-229.173 χ^2/NDF : 0.4/1

Left Out: -16.498+/-95.684 χ^2/NDF : 15.9/8

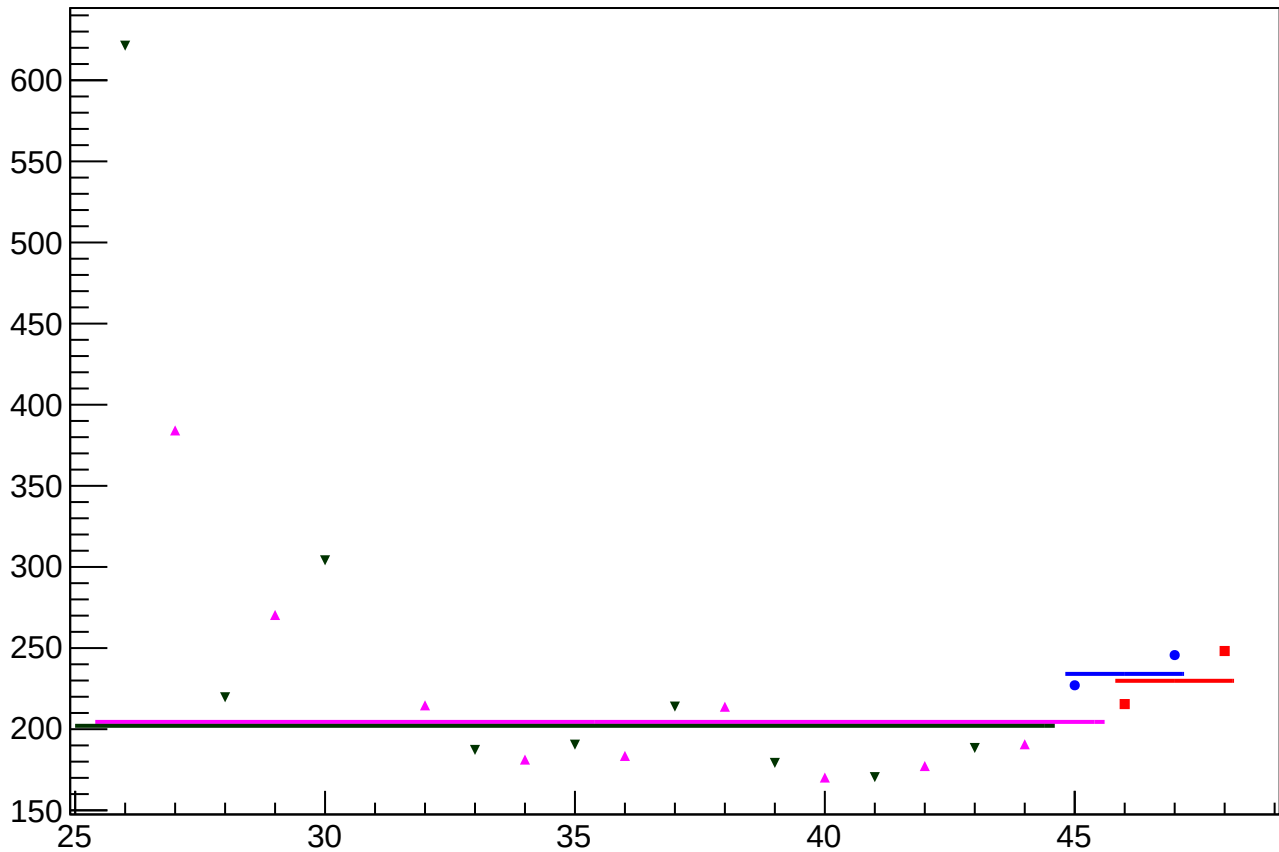
Right Out: -399.365+/-248.537 χ^2/NDF : 10.9/1

Left In: -83.982+/-89.928 χ^2/NDF : 4.1/8

-73.125+/-88.297 χ^2/NDF : 18.7/10

-120.493+/-84.563 χ^2/NDF : 16.5/10

asym_sam_15_avg_rms vs slug



Right In: 234.090+/-0.162 χ^2/NDF : 3101.2/1

Left Out: 202.088+/-0.068 χ^2/NDF : 648842.0/8

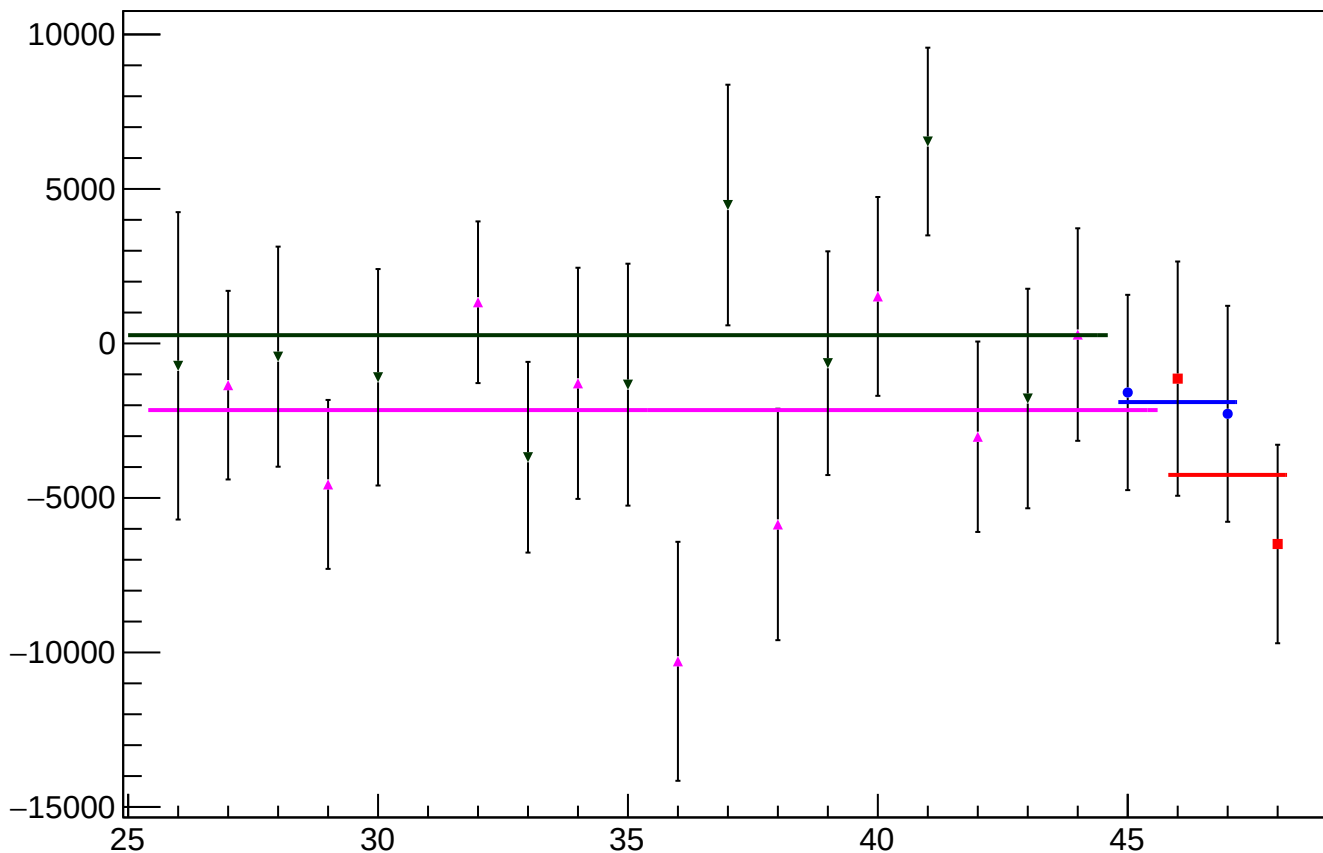
206.838+/-0.062 χ^2/NDF : 685153.3/10

Right Out: 229.829+/-0.176 χ^2/NDF : 8528.9/1

207.429+/-0.060 χ^2/NDF : 531767.3/10

Left In: 204.496+/-0.064 χ^2/NDF : 504865.3/8

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

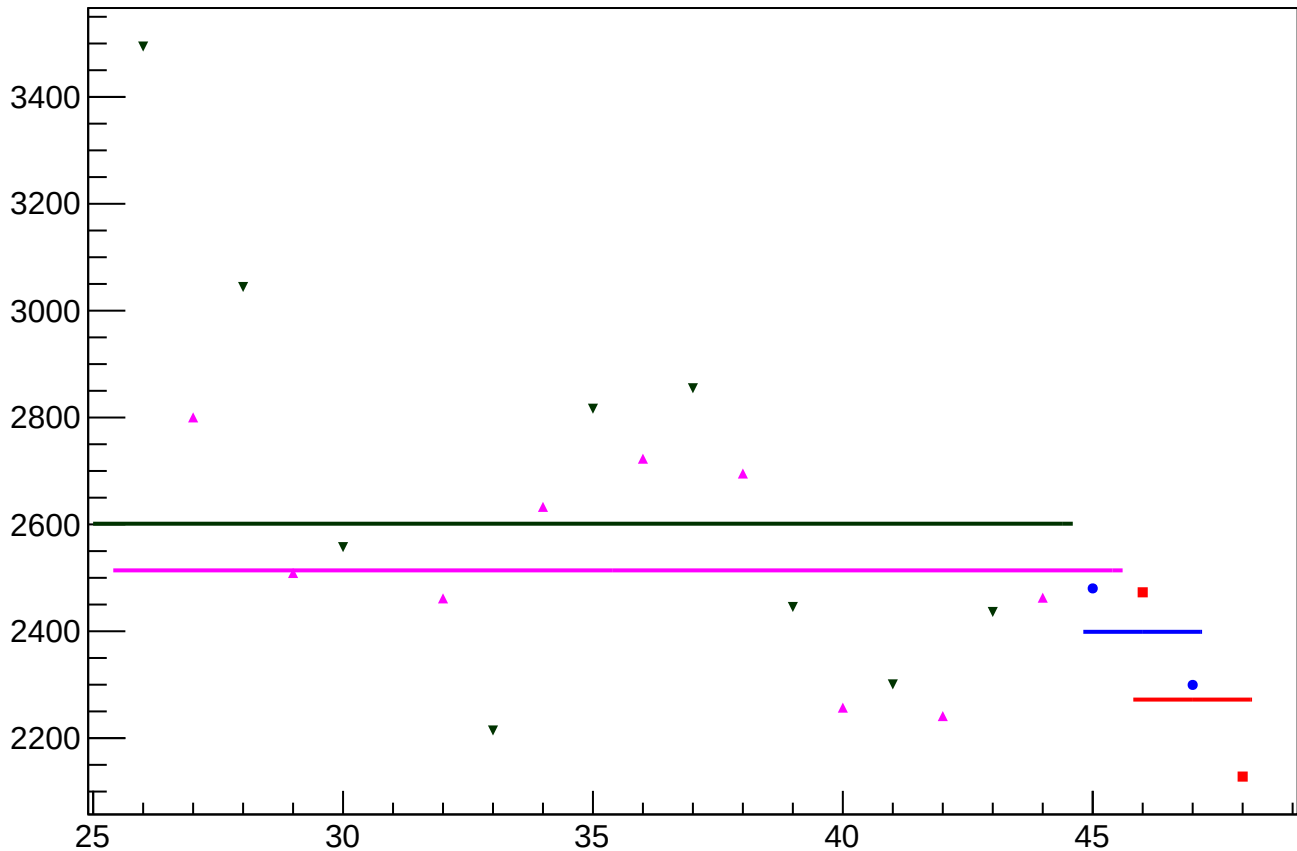
Right Out: -4253.962+/-2450.516 χ^2/NDF : 1.2/1

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

-178.340+/-1064.182 χ^2/NDF : 8.6/10

-2489.006+/-975.939 χ^2/NDF : 11.7/10

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

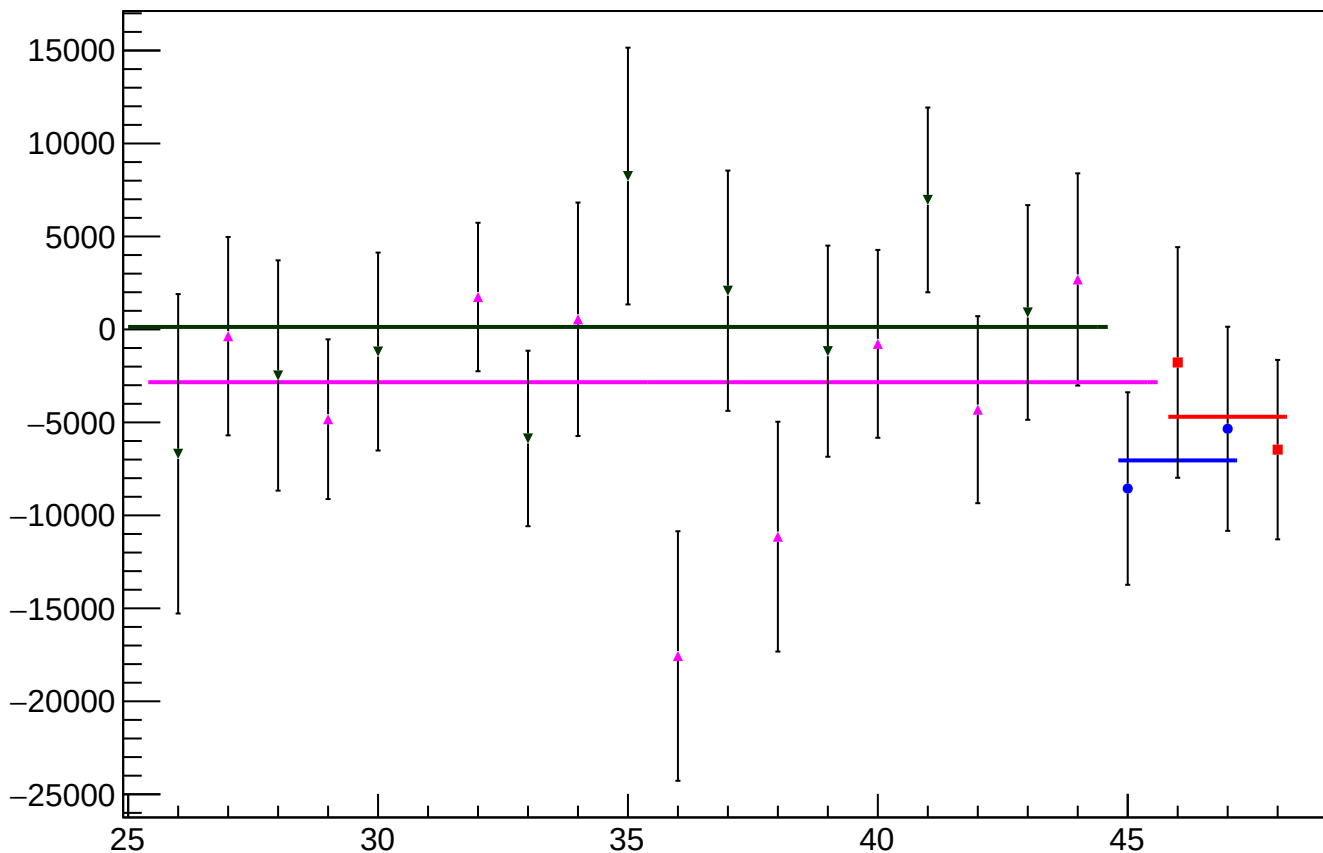
Right Out: 2272.138+/-1.733 χ^2/NDF : 9635.3/1

Left In: 2513.941+/-0.752 χ^2/NDF :59816.2/8

2559.580+/-0.752 χ^2/NDF : 184118.6/10

2475.589+/-0.690 χ^2/NDF : 85836.1/10

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

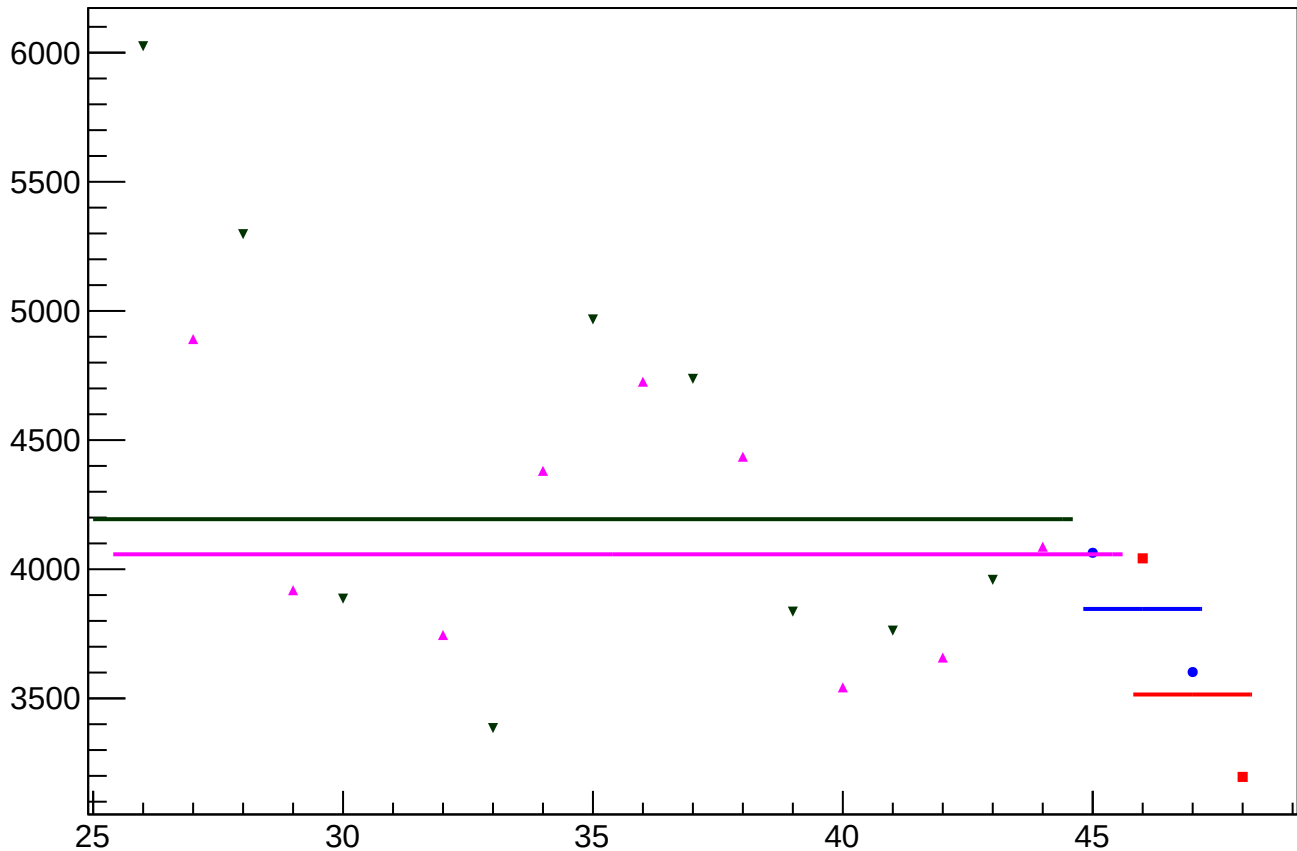
Right Out: -4697.080+/-3808.147 χ^2/NDF : 0.4/1

Left In: -2838.252+/-1727.002 χ^2/NDF : 9.8/8

-1368.418+/-1723.068 χ^2/NDF : 9.0/10

-3155.334+/-1572.822 χ^2/NDF : 10.4/10

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

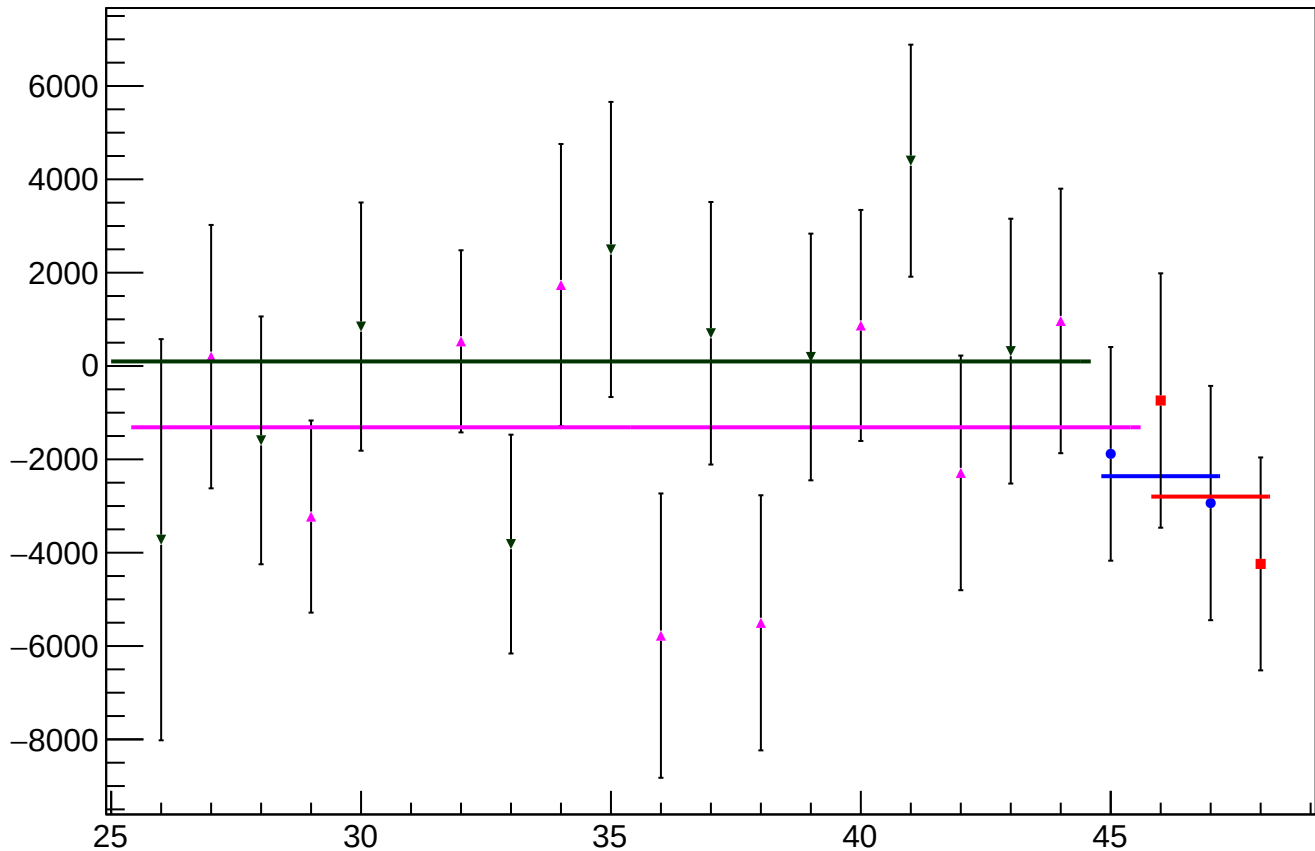
Right Out: 3515.041+/-2.693 χ^2/NDF : 23196.1/1

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

4121.084+/-1.218 χ^2/NDF : 306354.6/10

3965.230+/-1.112 χ^2/NDF : 186148.3/10

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

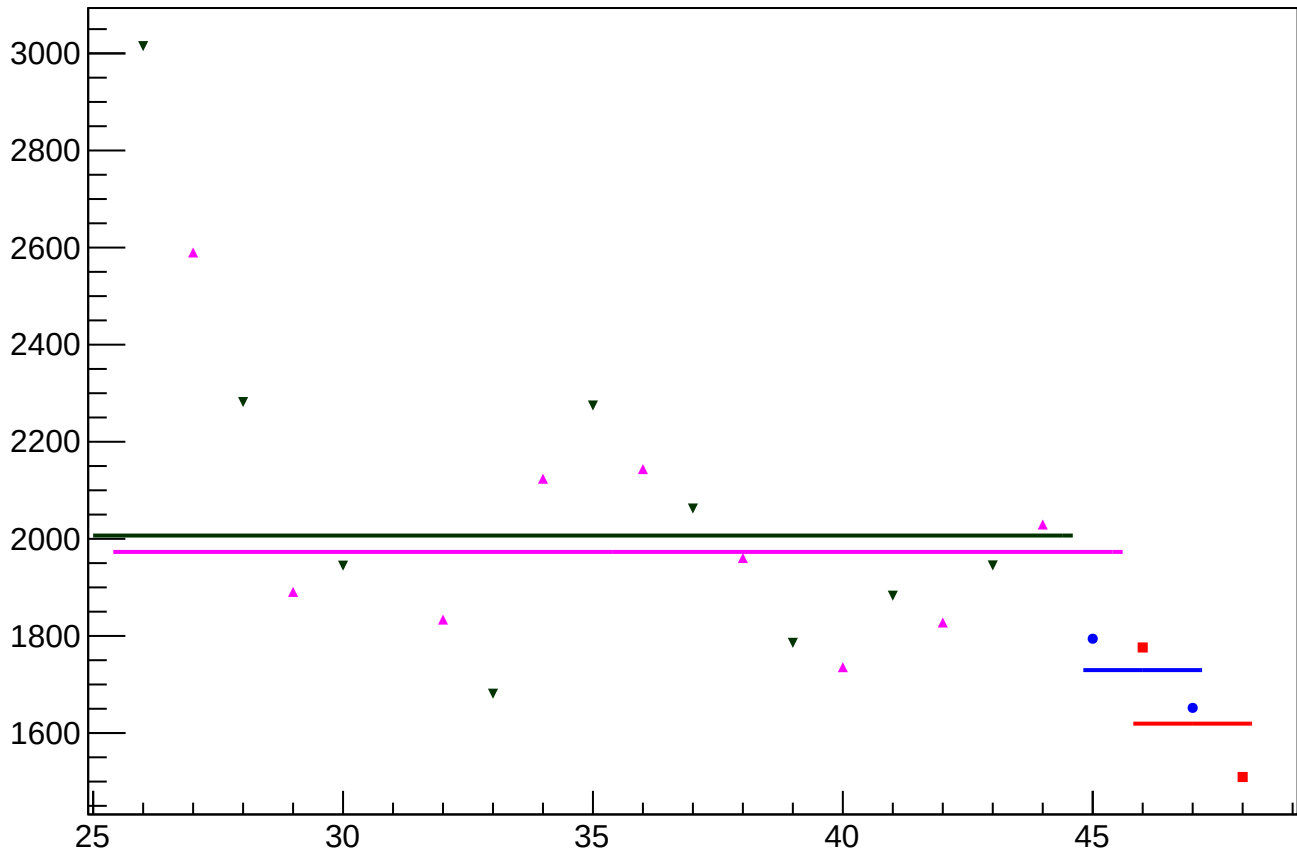
Right Out: -2797.877 $\pm$ 1749.268 χ^2 /NDF: 1.0/1

Left In: -1313.019 $\pm$ 838.748 χ^2 /NDF: 9.1/8

-465.700 $\pm$ 809.906 χ^2 /NDF: 9.4/10

-1590.583 $\pm$ 756.302 χ^2 /NDF: 10.7/10

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: 1619.343 ± 1.237 χ^2/NDF : 11274.8/1

Left In: 1973.078 ± 0.593 χ^2/NDF : 146156.6/8

1943.248 ± 0.573 χ^2/NDF : 251161.0/10

1906.955 ± 0.535 χ^2/NDF : 223928.5/10

yield_sam_15_avg_mean vs slug



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

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

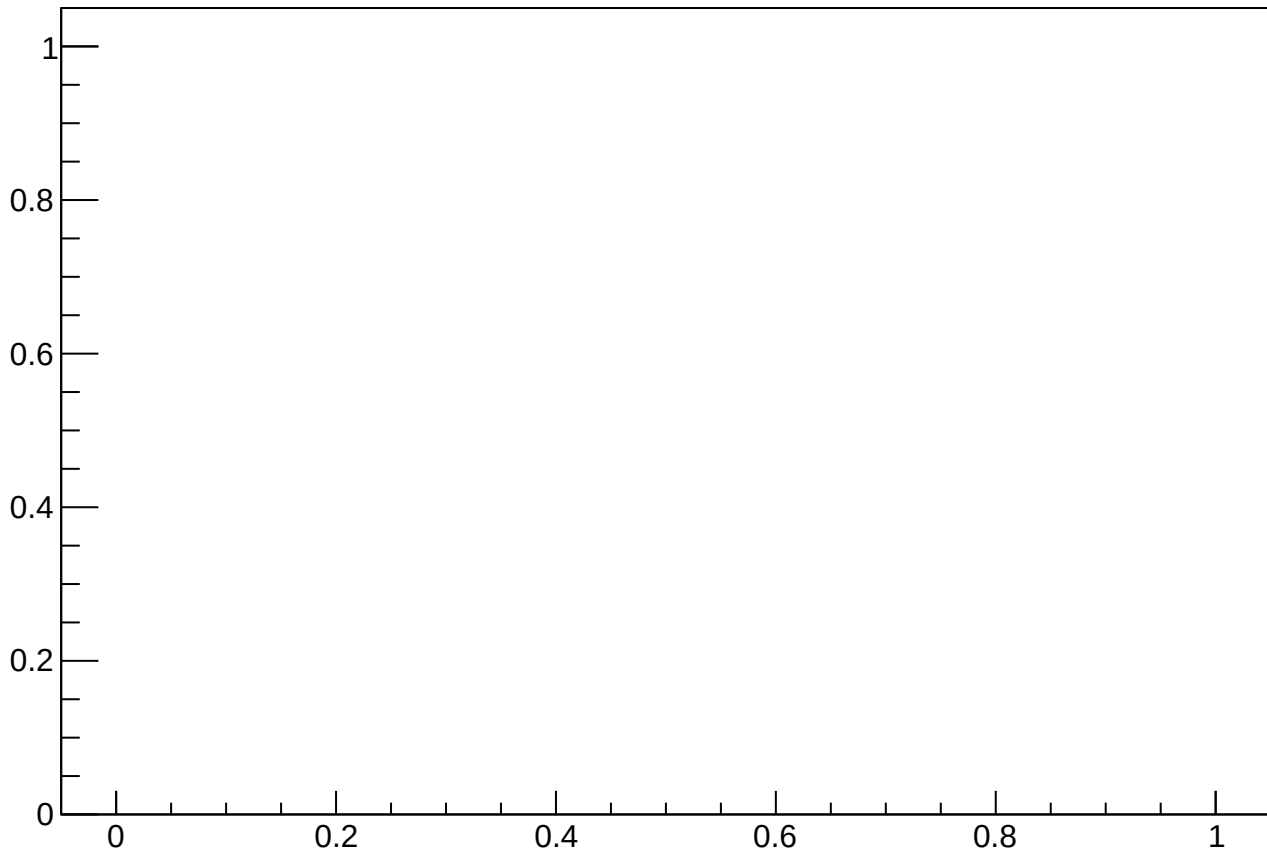
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

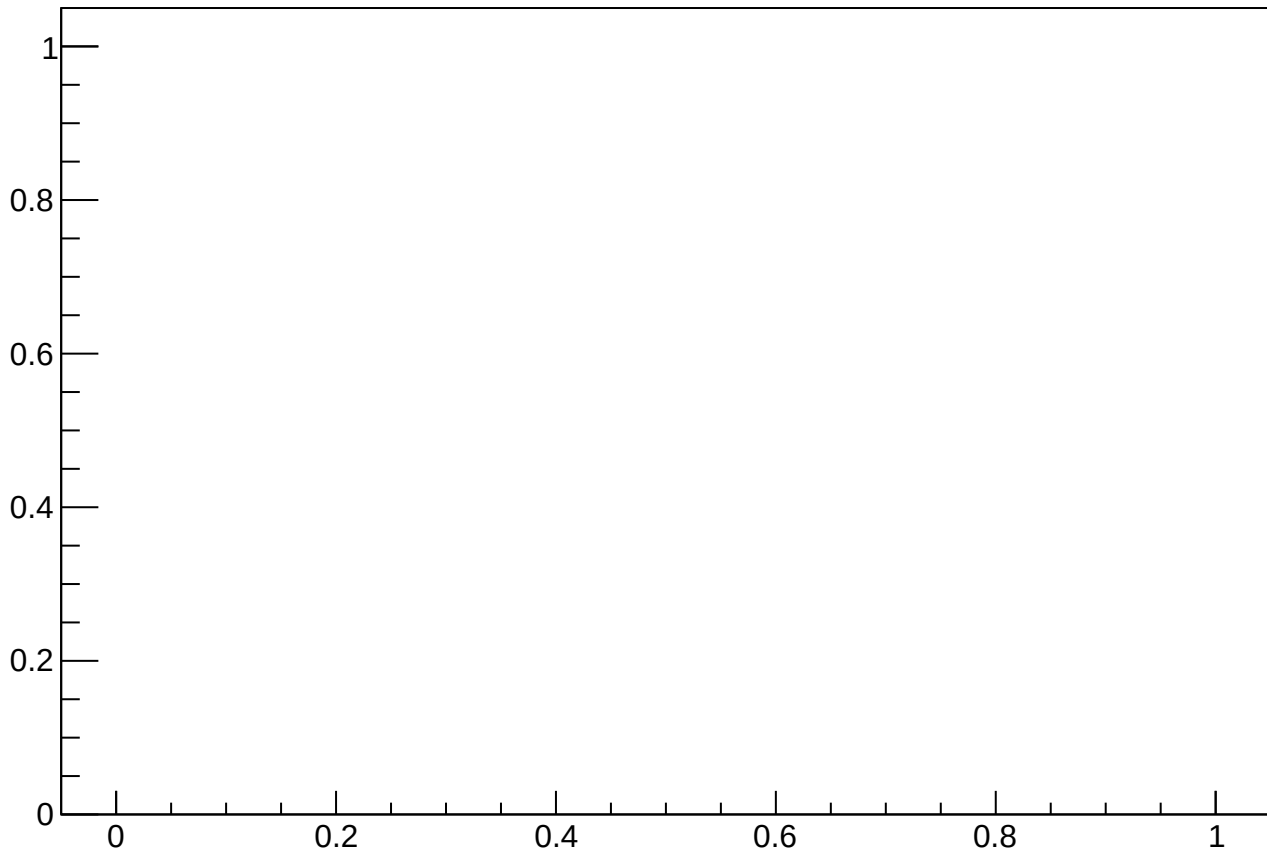
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

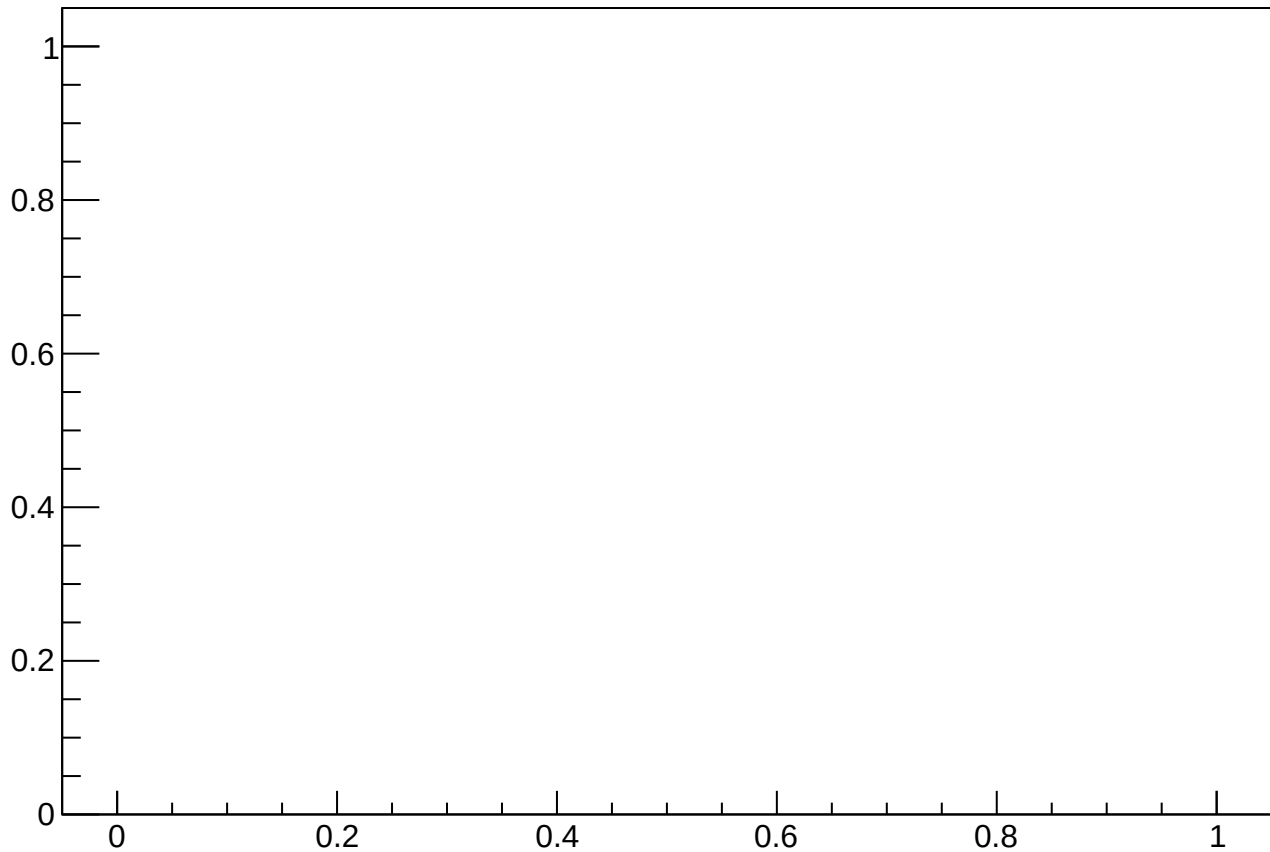
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

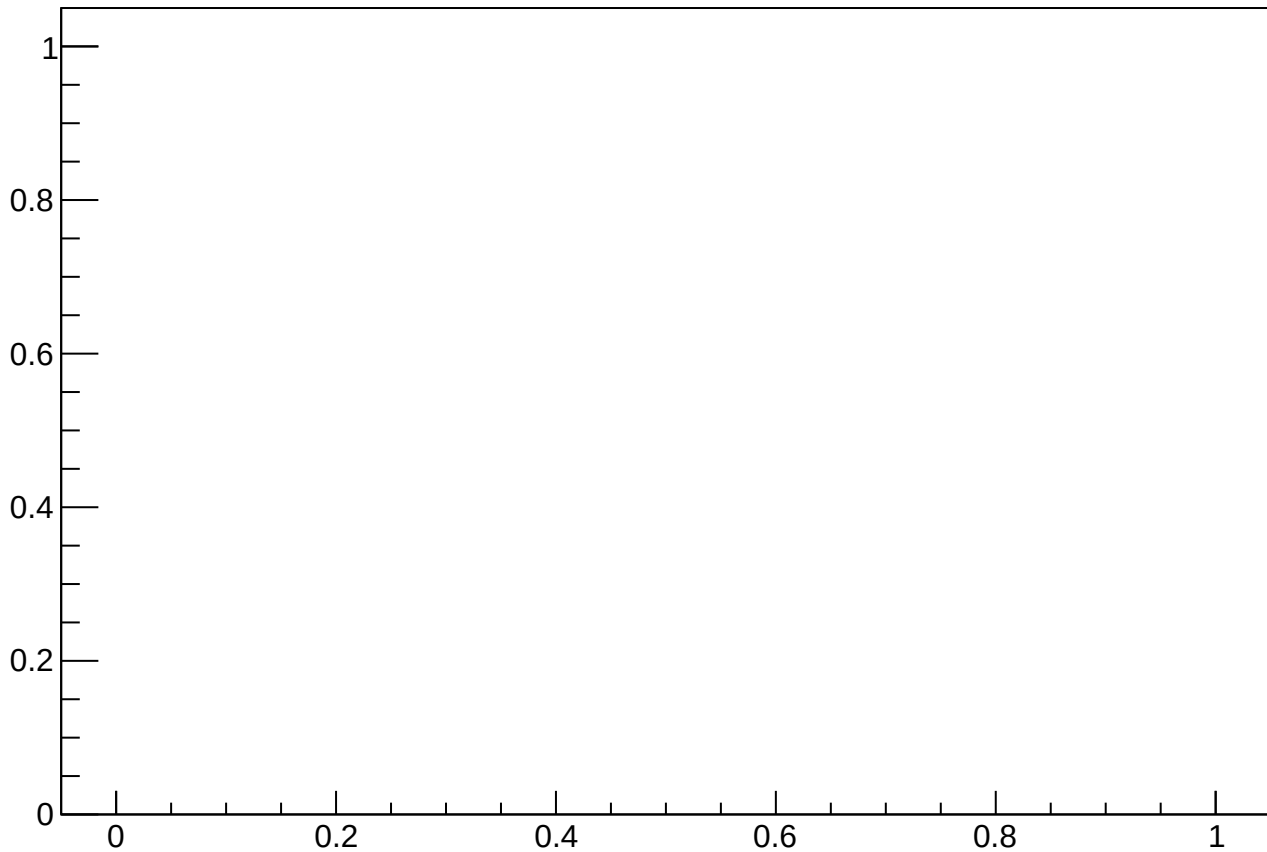
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

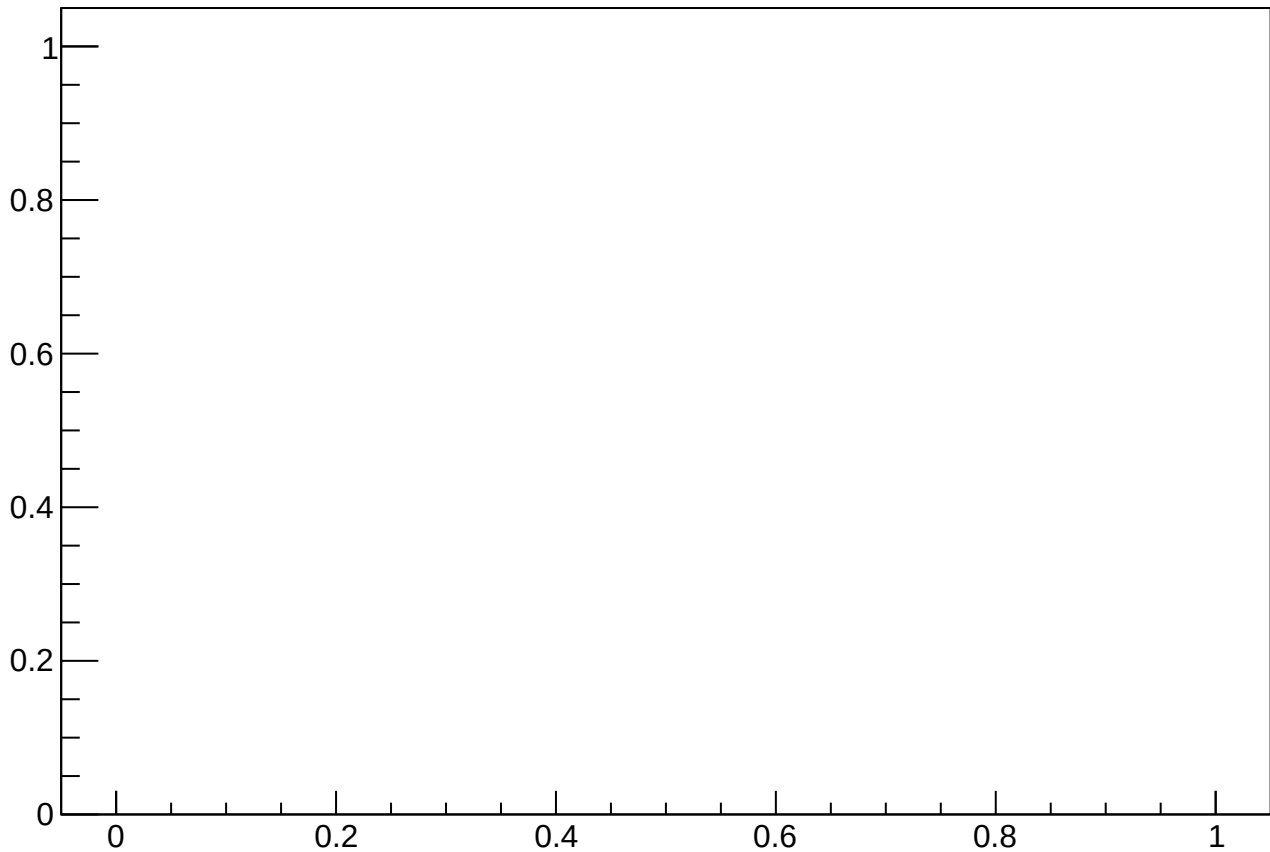
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_rms vs slug



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

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

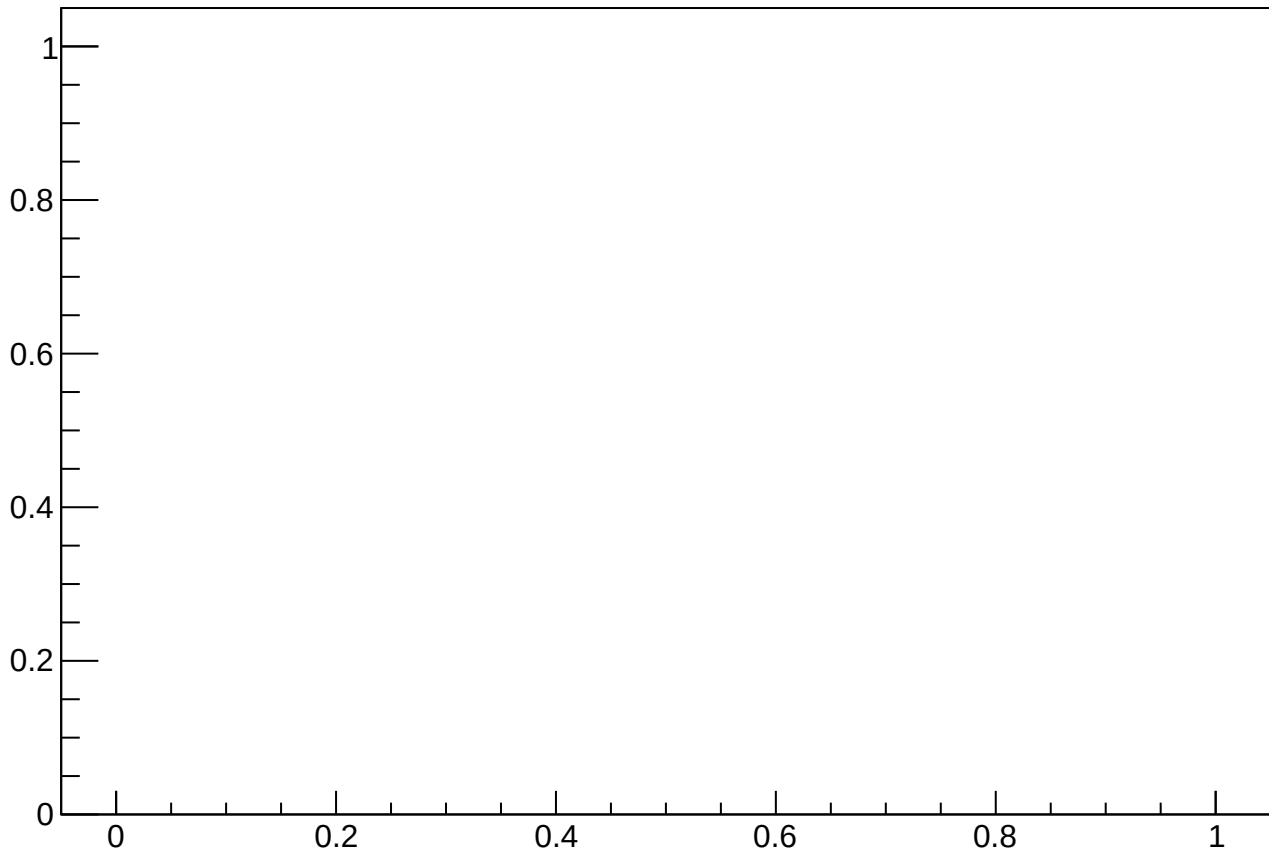
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

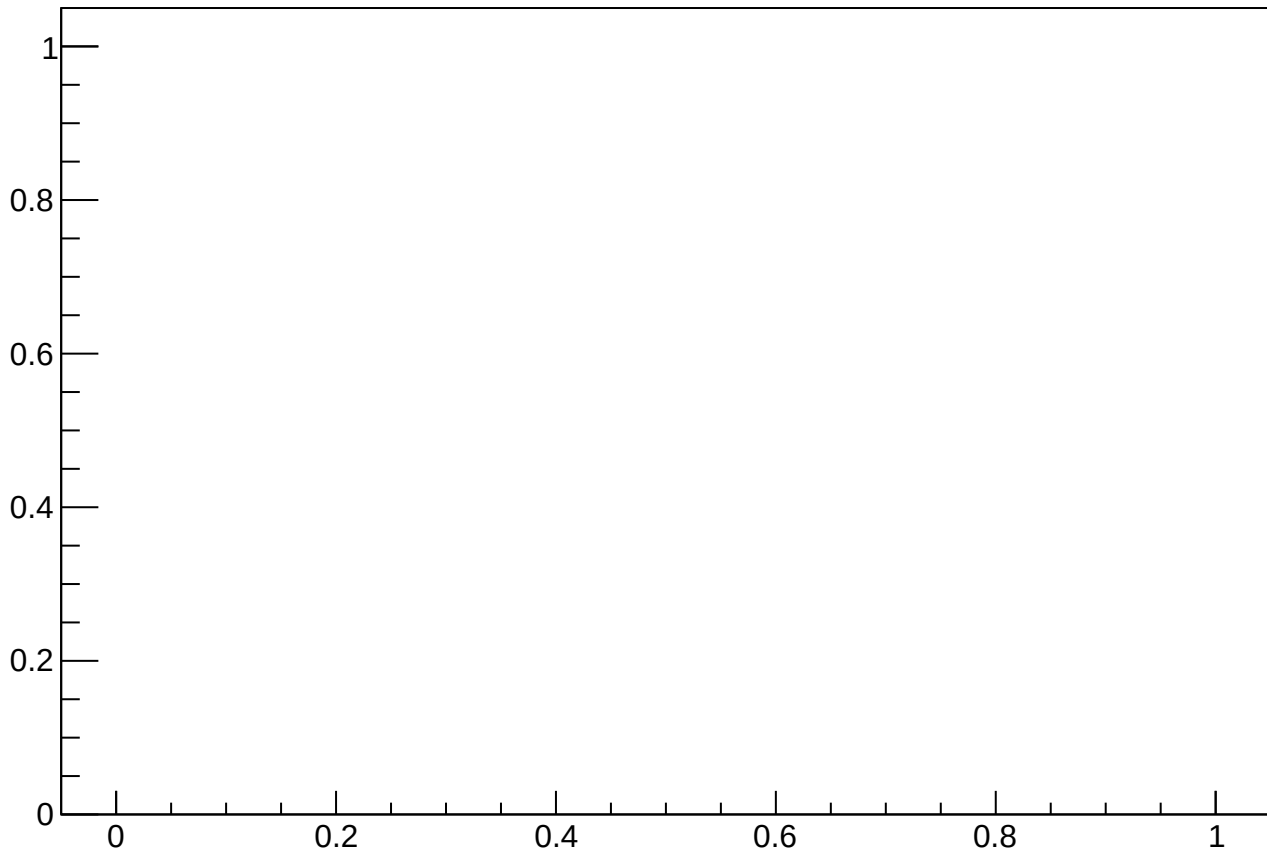
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_rms vs slug



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

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

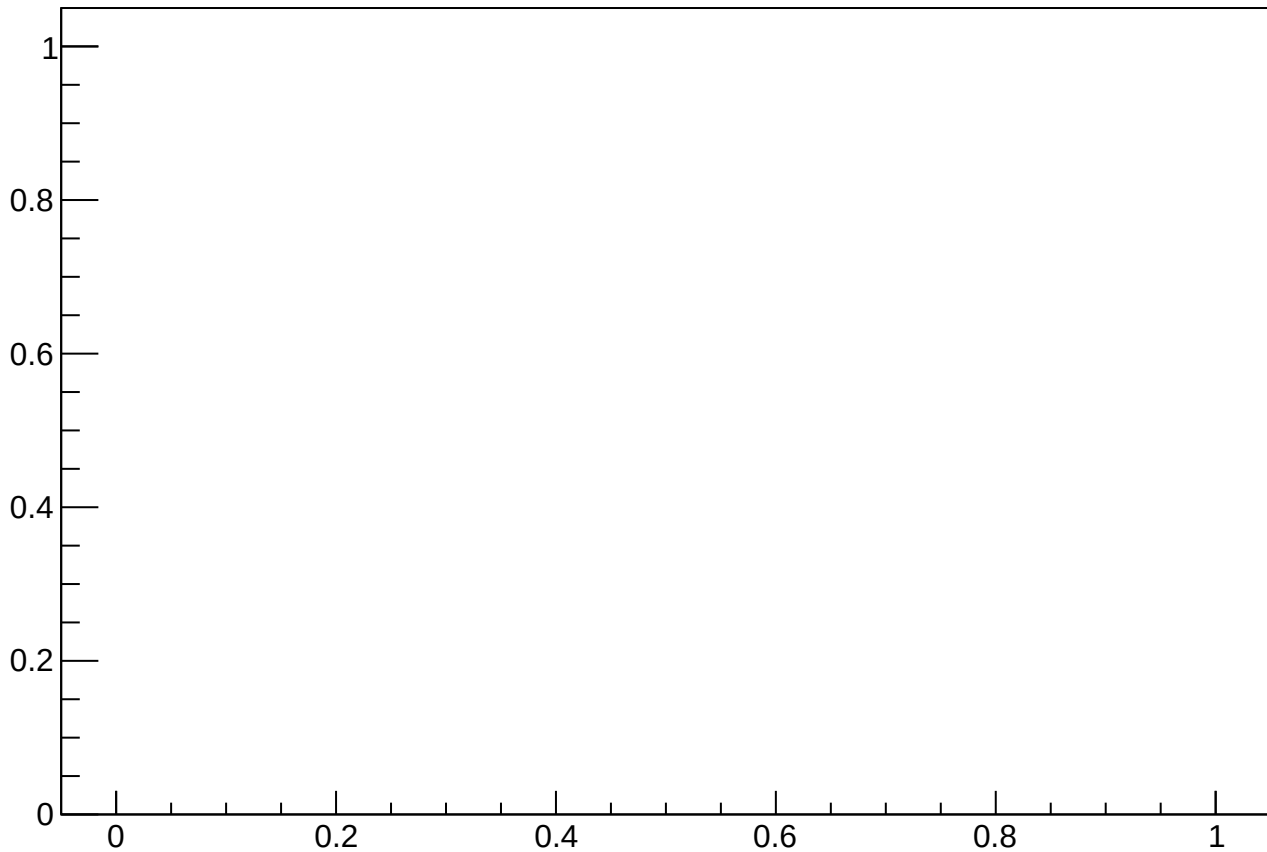
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

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

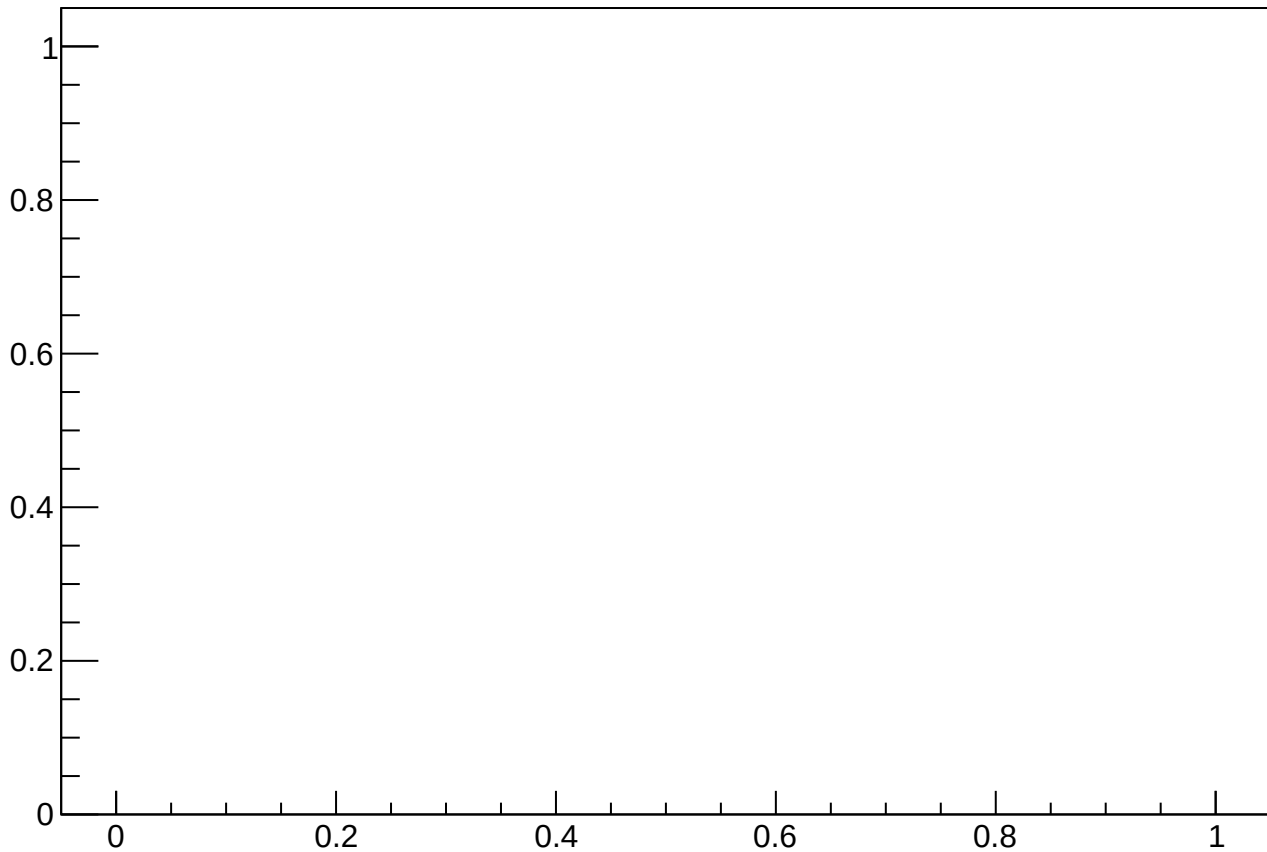
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

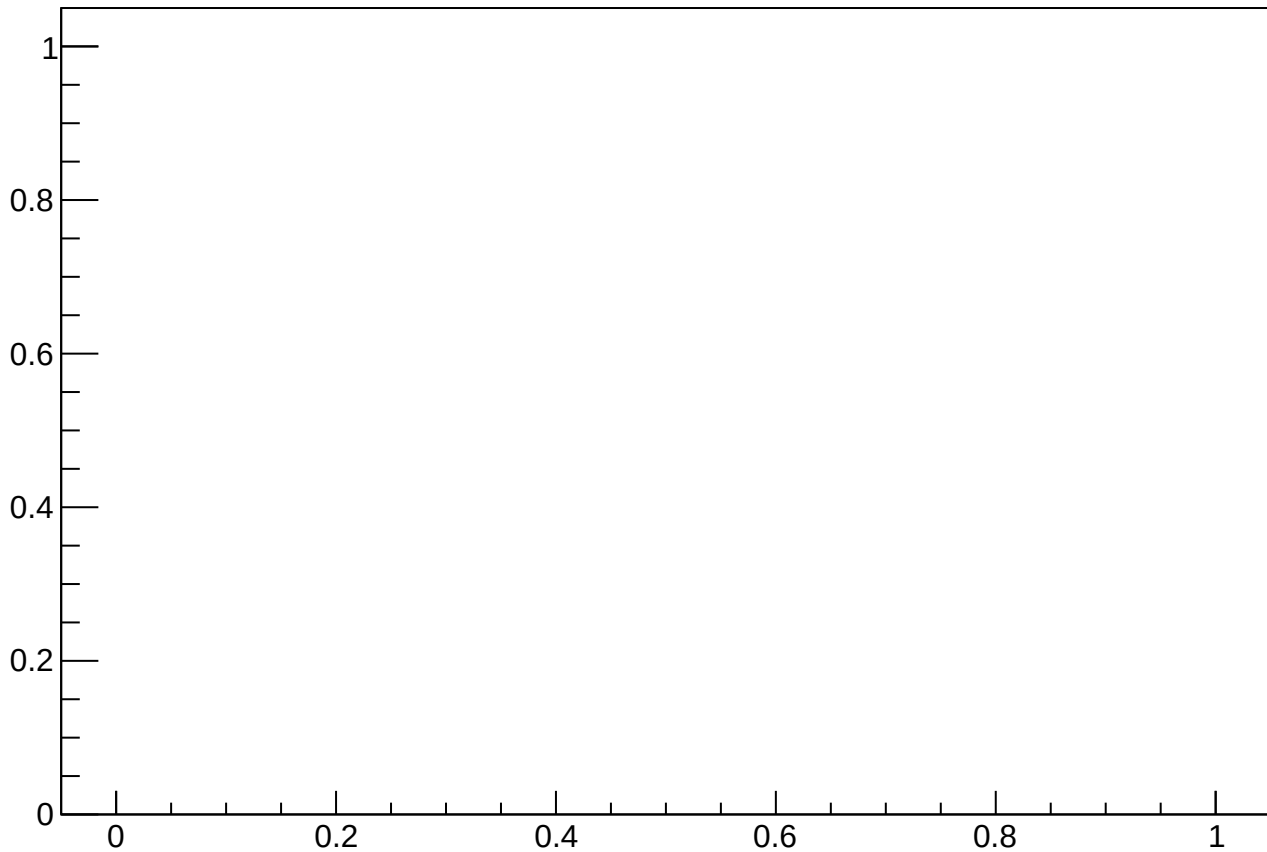
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

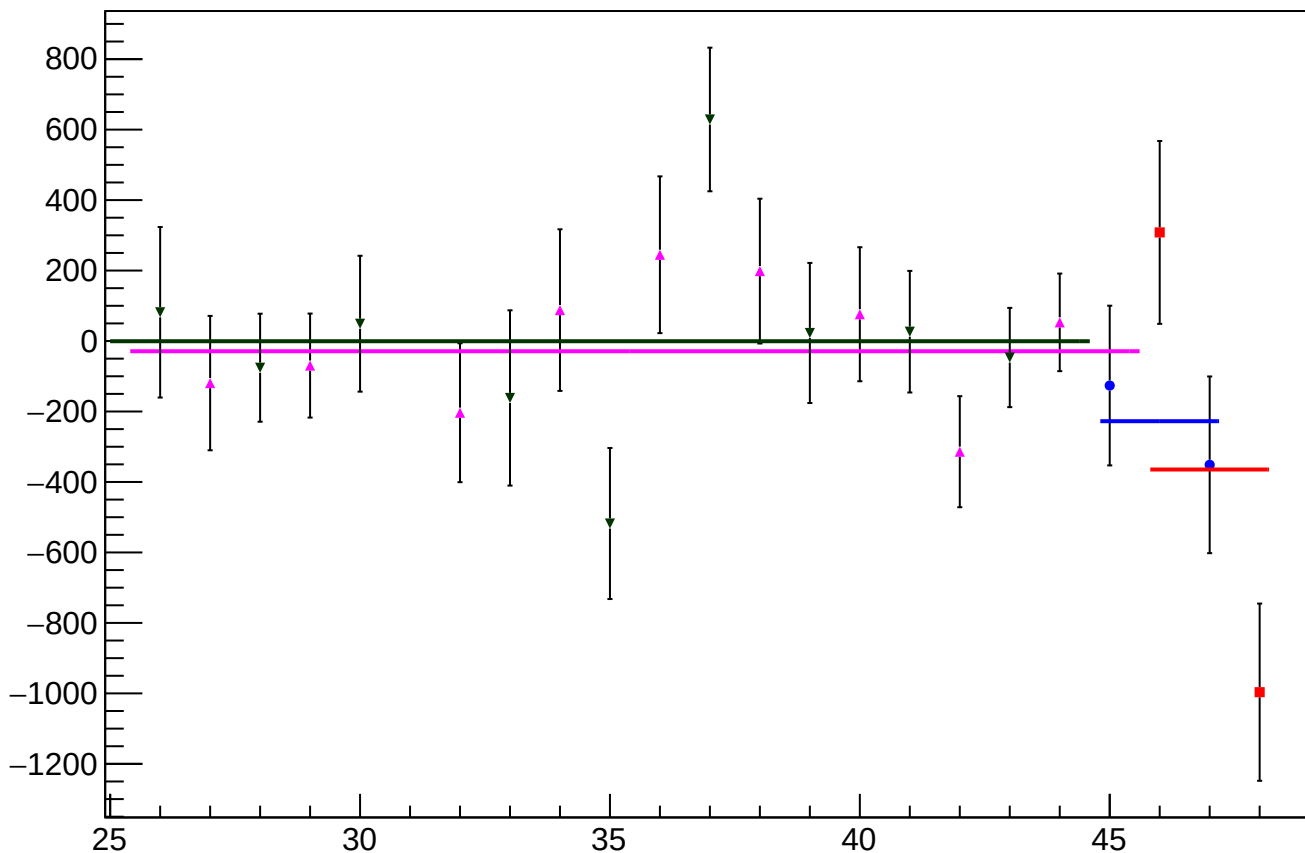
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -227.516+/-168.136 χ^2/NDF : 0.4/1

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

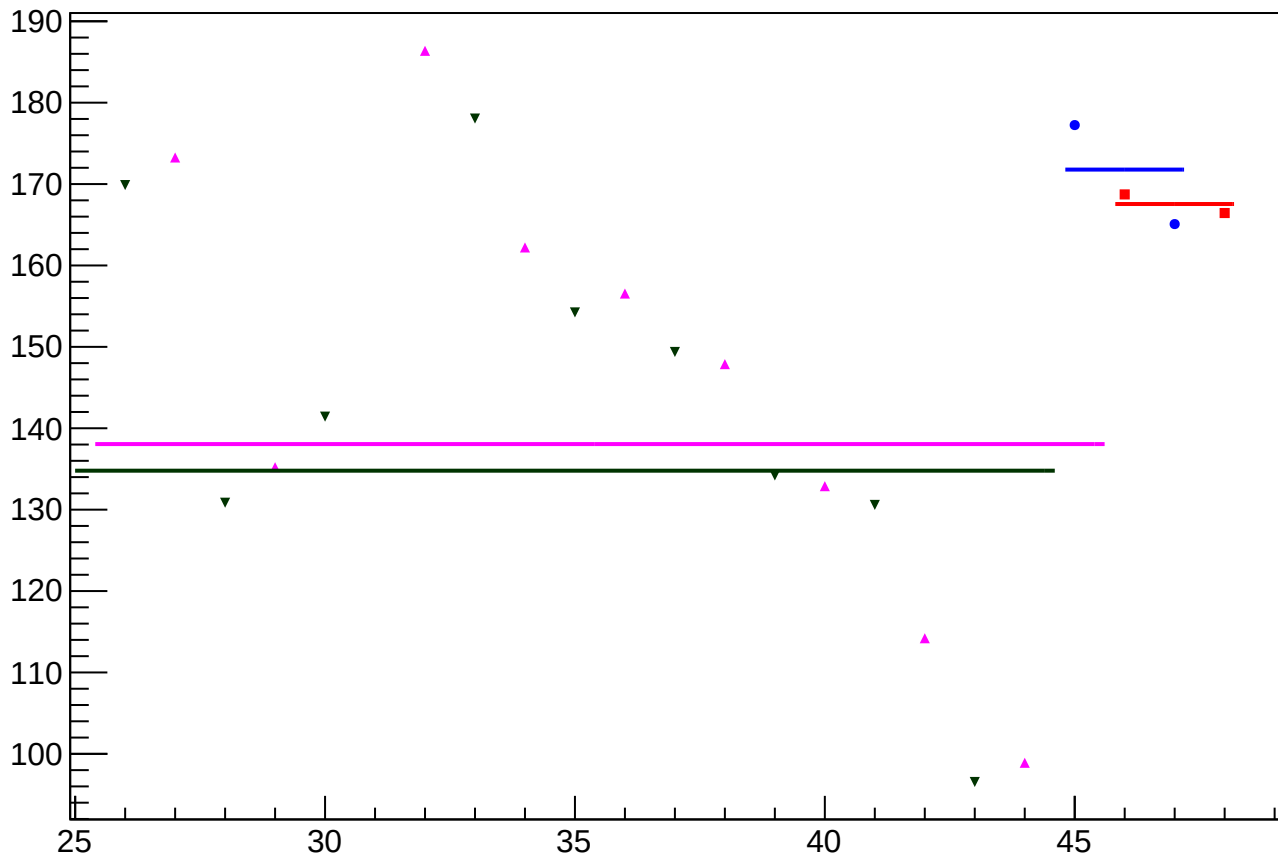
Right Out: -364.605+/-180.586 χ^2/NDF : 13.0/1

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

-27.928+/-58.397 χ^2/NDF : 18.4/10

-61.894+/-56.543 χ^2/NDF : 24.2/10

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

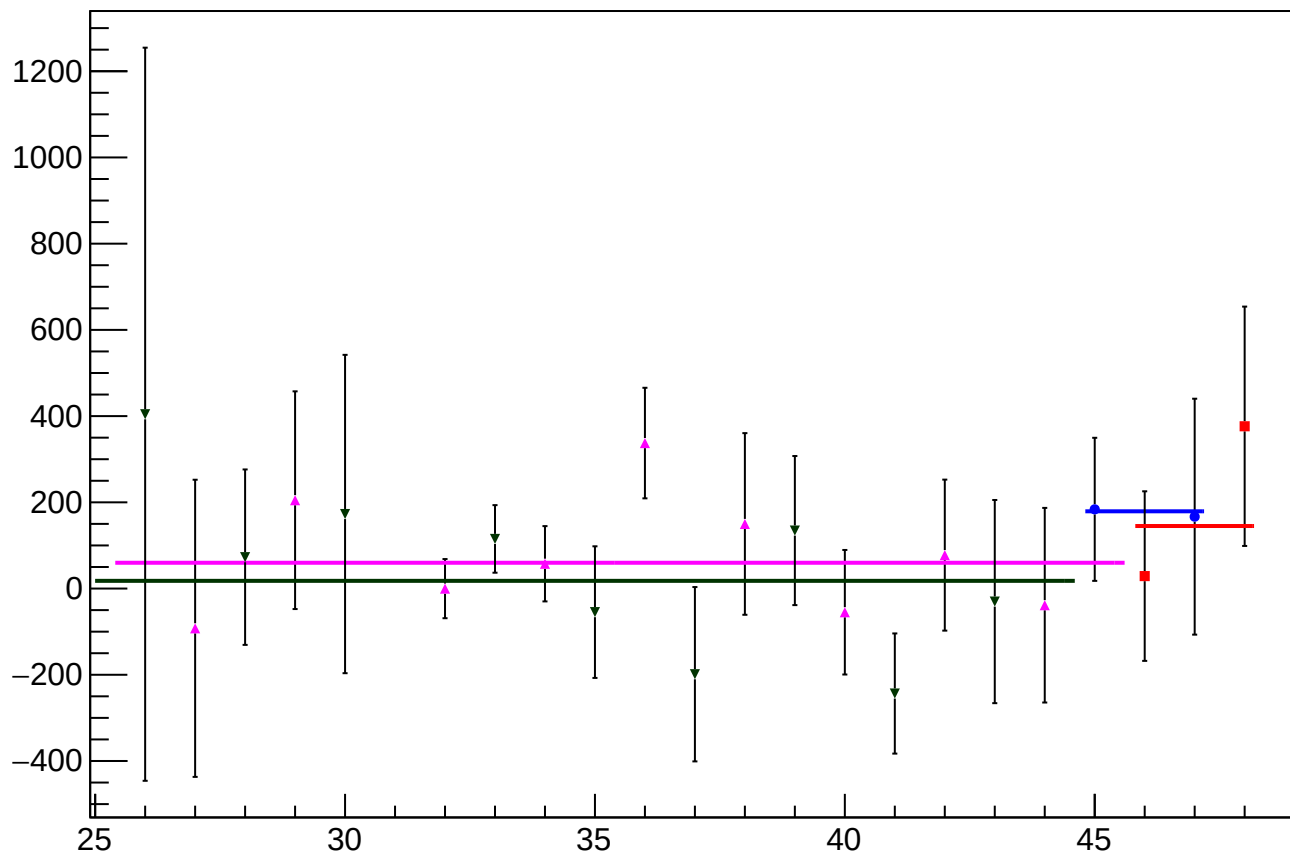
139.250+/-0.041 χ^2/NDF : 369326.7/10

Right Out: 167.550+/-0.128 χ^2/NDF : 80.1/1

140.948+/-0.040 χ^2/NDF : 485220.9/10

Left In: 138.057+/-0.042 χ^2/NDF :437023.6/8

asym_sam_15_avg_correction_mean vs slug



Right In: 179.178 ± 141.880 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 17.872 ± 52.271 $\chi^2/\text{NDF}: 7.4/8$

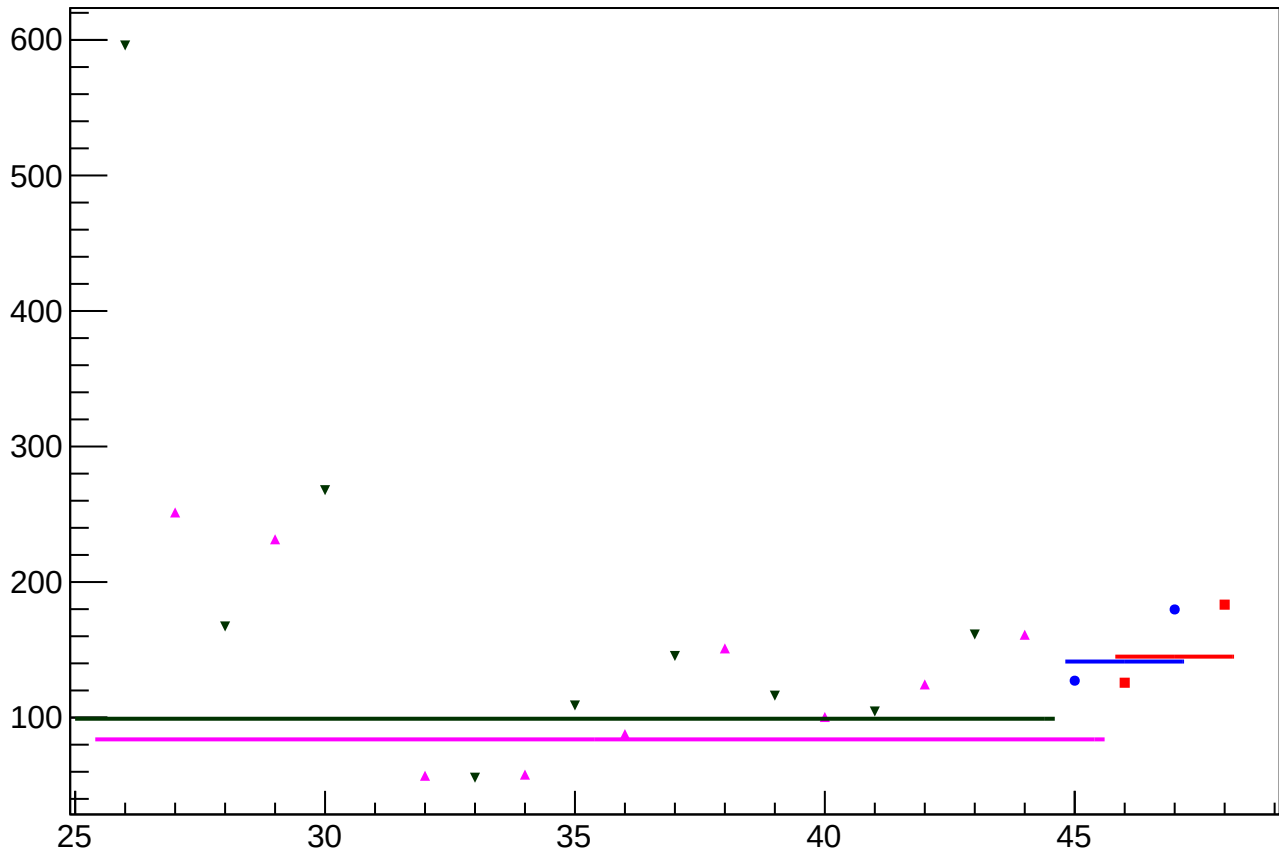
Right Out: 145.055 ± 160.485 $\chi^2/\text{NDF}: 1.0/1$

Left In: 59.828 ± 42.594 $\chi^2/\text{NDF}: 7.0/8$

37.149 ± 49.048 $\chi^2/\text{NDF}: 8.5/10$

65.437 ± 41.169 $\chi^2/\text{NDF}: 8.3/10$

asym_sam_15_avg_correction_rms vs slug



Right In: 141.348 $\pm$ 0.100 χ^2 /NDF: 53957.9/1

Left Out: 99.138 $\pm$ 0.037 χ^2 /NDF: 2215033.7/8

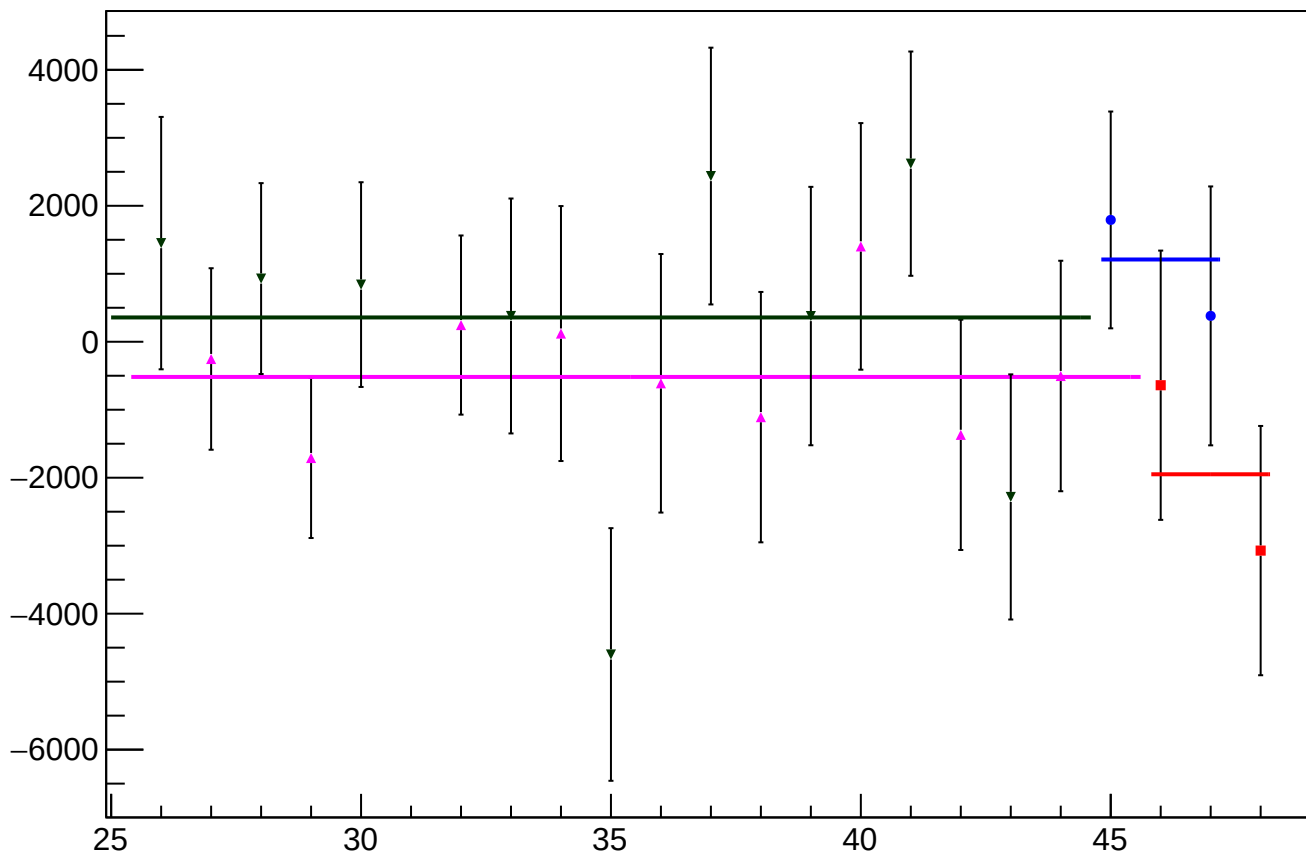
Right Out: 144.965 $\pm$ 0.113 χ^2 /NDF: 57334.1/1

Left In: 83.913 $\pm$ 0.030 χ^2 /NDF: 2211357.4/8

104.182 $\pm$ 0.035 χ^2 /NDF: 2424855.4/10

87.930 $\pm$ 0.029 χ^2 /NDF: 2539093.8/10

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

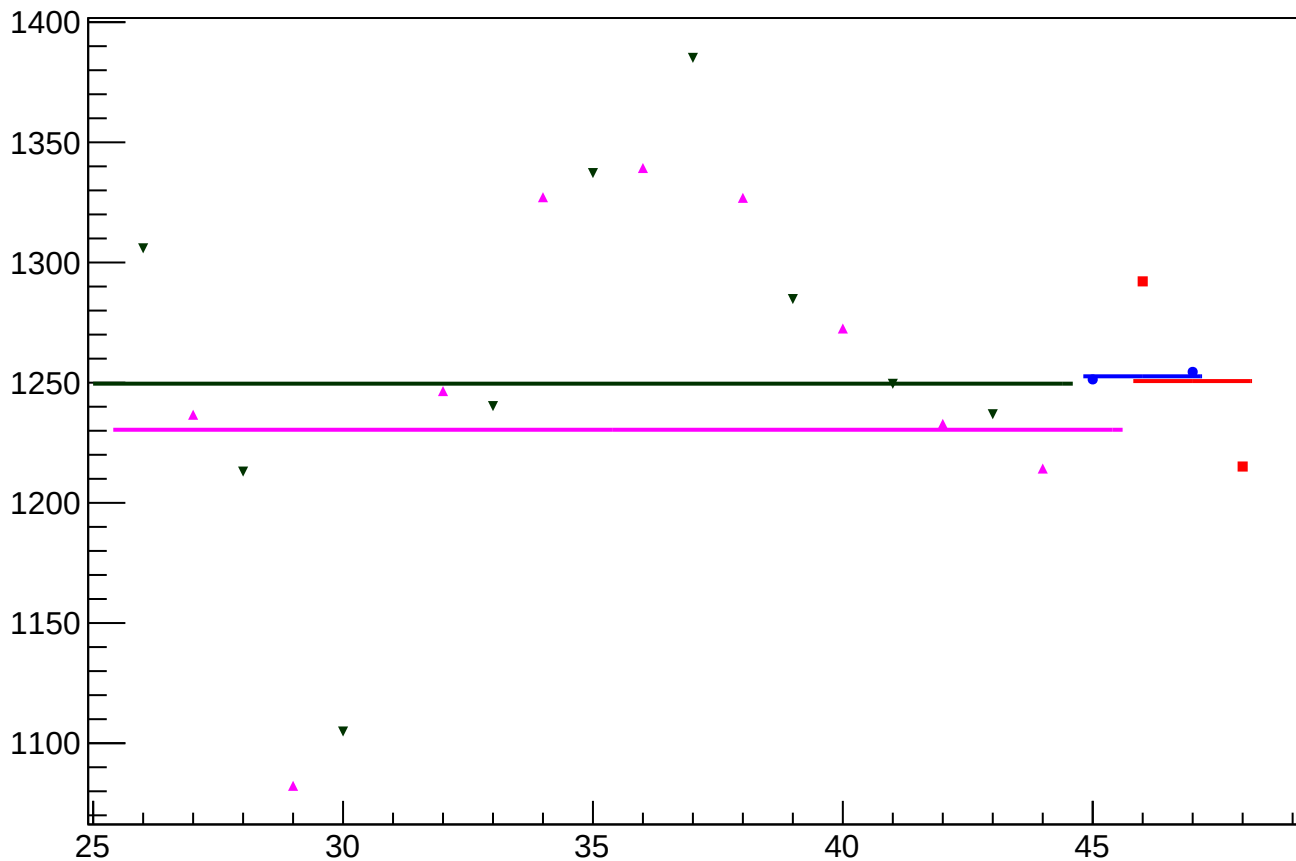
Right Out: -1949.437+/-1345.458 χ^2/NDF : 0.8/1

Left In: -517.544+/-518.830 χ^2/NDF : 3.0/8

509.086+/-515.415 χ^2/NDF : 13.7/10

-702.903+/-484.085 χ^2/NDF : 4.8/10

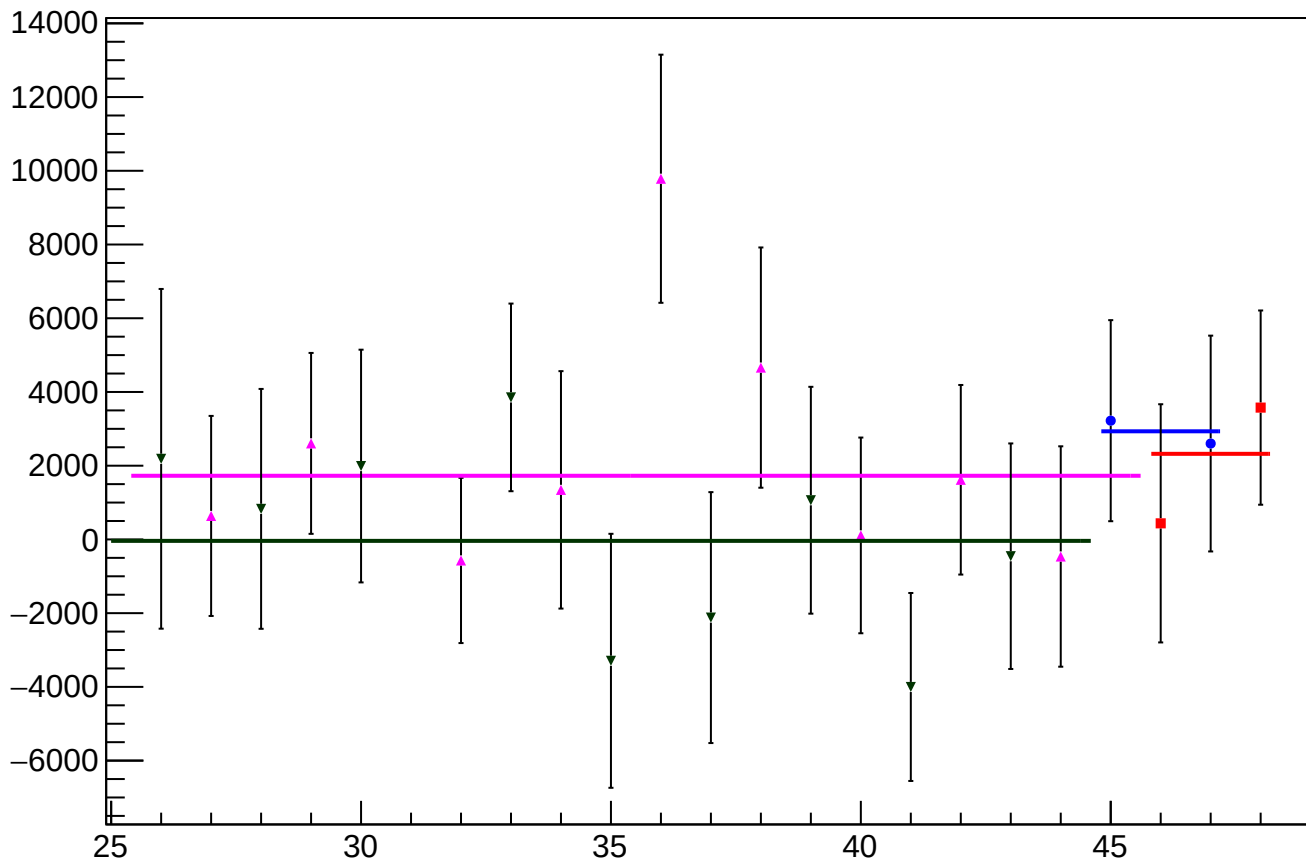
reg_asym_sam_26_avg_rms vs slug



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: 1250.670 ± 0.951 χ^2/NDF : 1629.4/1
 Left In: 1230.414 ± 0.367 χ^2/NDF : 50656.2/8

1250.134 ± 0.364 χ^2/NDF : 37277.8/10
 1233.036 ± 0.342 χ^2/NDF : 52680.2/10

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

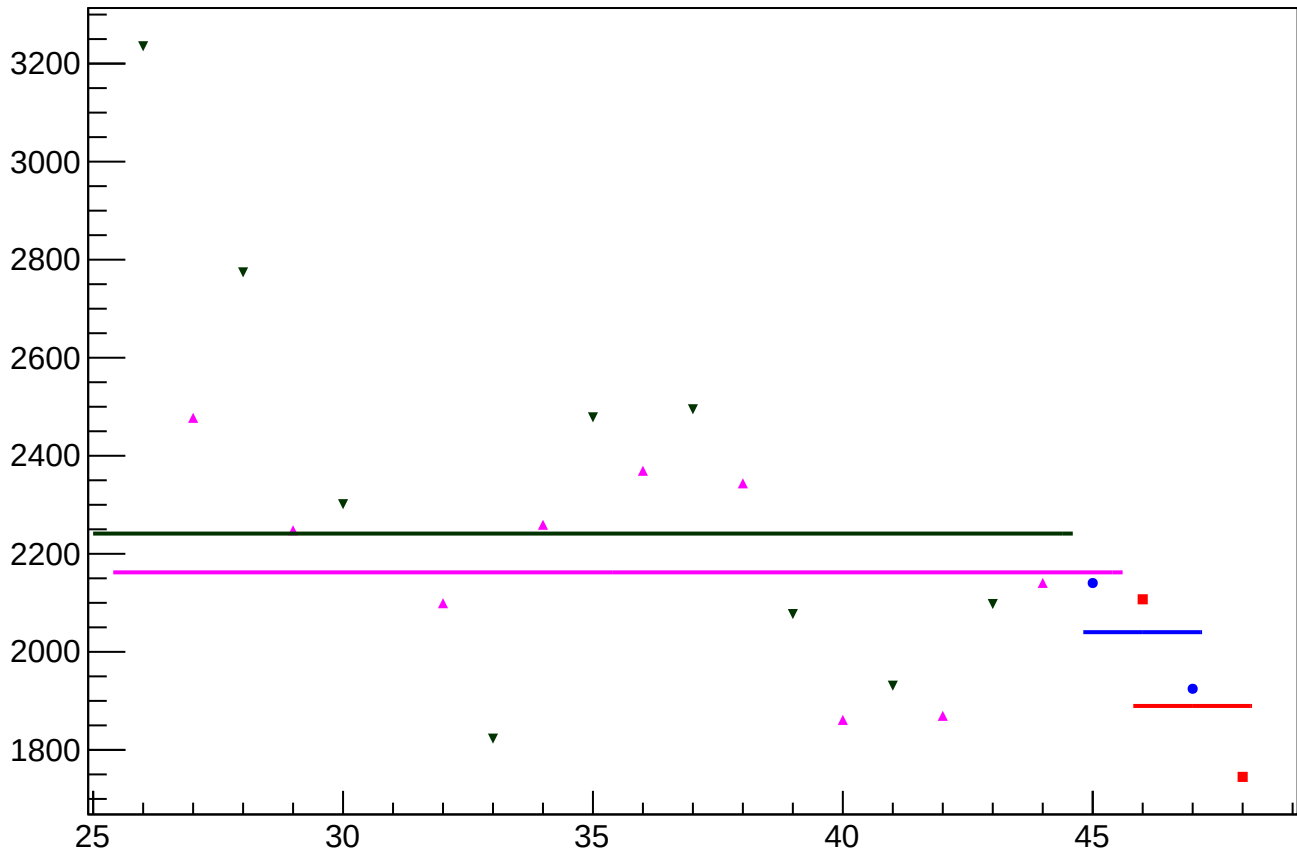
Right Out: 2322.036+/-2041.806 χ^2/NDF : 0.6/1

Left In: 1726.912+/-918.632 χ^2/NDF : 8.8/8

591.052+/-918.845 χ^2/NDF : 8.7/10

1827.097+/-837.748 χ^2/NDF : 9.4/10

asym_sam_26_avg_correction_rms vs slug



Right In: 2040.167 $\pm$ 1.411 χ^2 /NDF: 5815.4/1

Left Out: 2241.302 $\pm$ 0.732 χ^2 /NDF: 261773.6/8

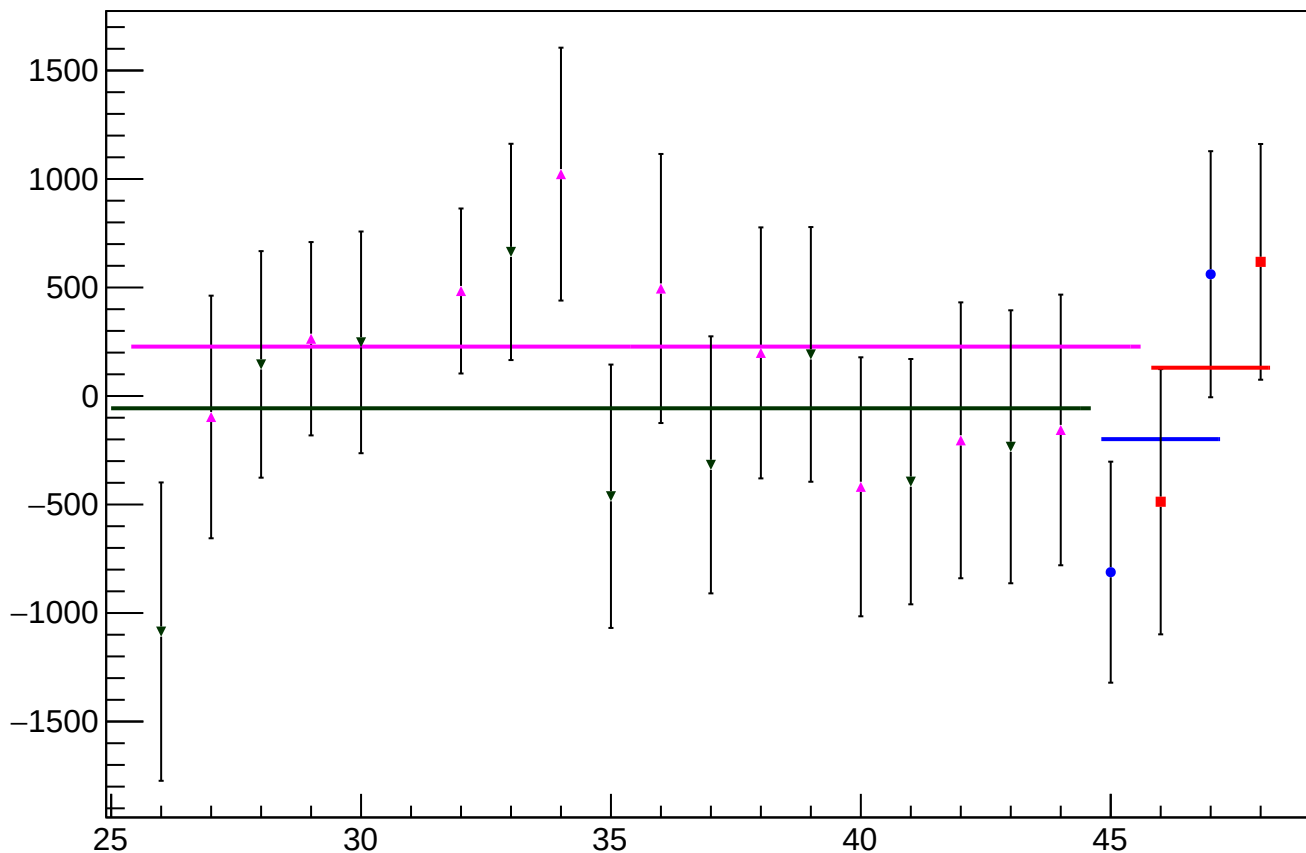
Right Out: 1889.651 $\pm$ 1.444 χ^2 /NDF: 15102.2/1

Left In: 2162.148 $\pm$ 0.650 χ^2 /NDF: 98343.3/8

2198.648 $\pm$ 0.650 χ^2 /NDF: 283602.4/10

2116.275 $\pm$ 0.592 χ^2 /NDF: 143071.3/10

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

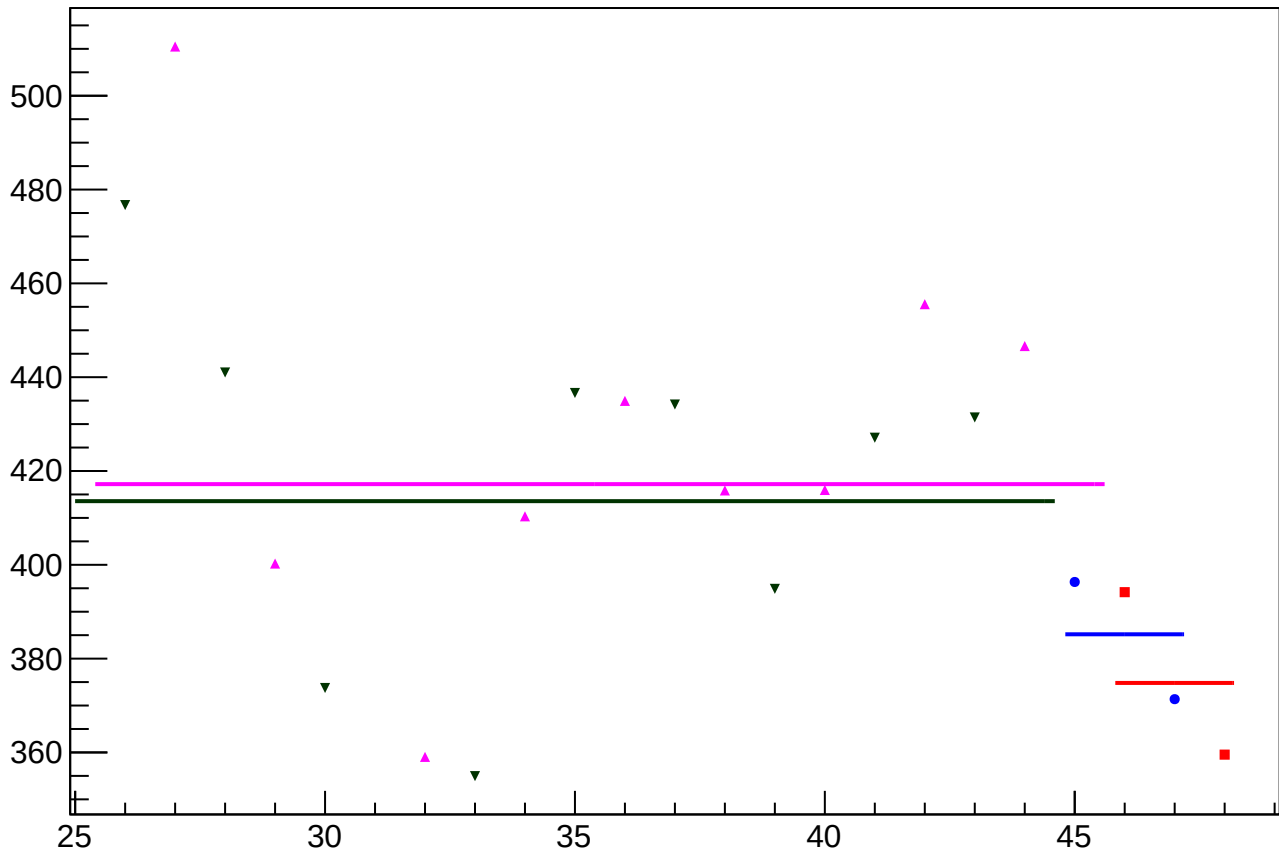
Right Out: 130.388+/-405.978 χ^2/NDF : 1.8/1

Left In: 227.618+/-178.031 χ^2/NDF : 4.9/8

-85.077+/-169.660 χ^2/NDF : 9.5/10

211.936+/-163.043 χ^2/NDF : 6.7/10

reg_asym_sam_37_avg_rms vs slug



Right In: 385.187+/-0.268 χ^2/NDF : 2150.0/1

Left Out: 413.572+/-0.134 χ^2/NDF : 72321.2/8

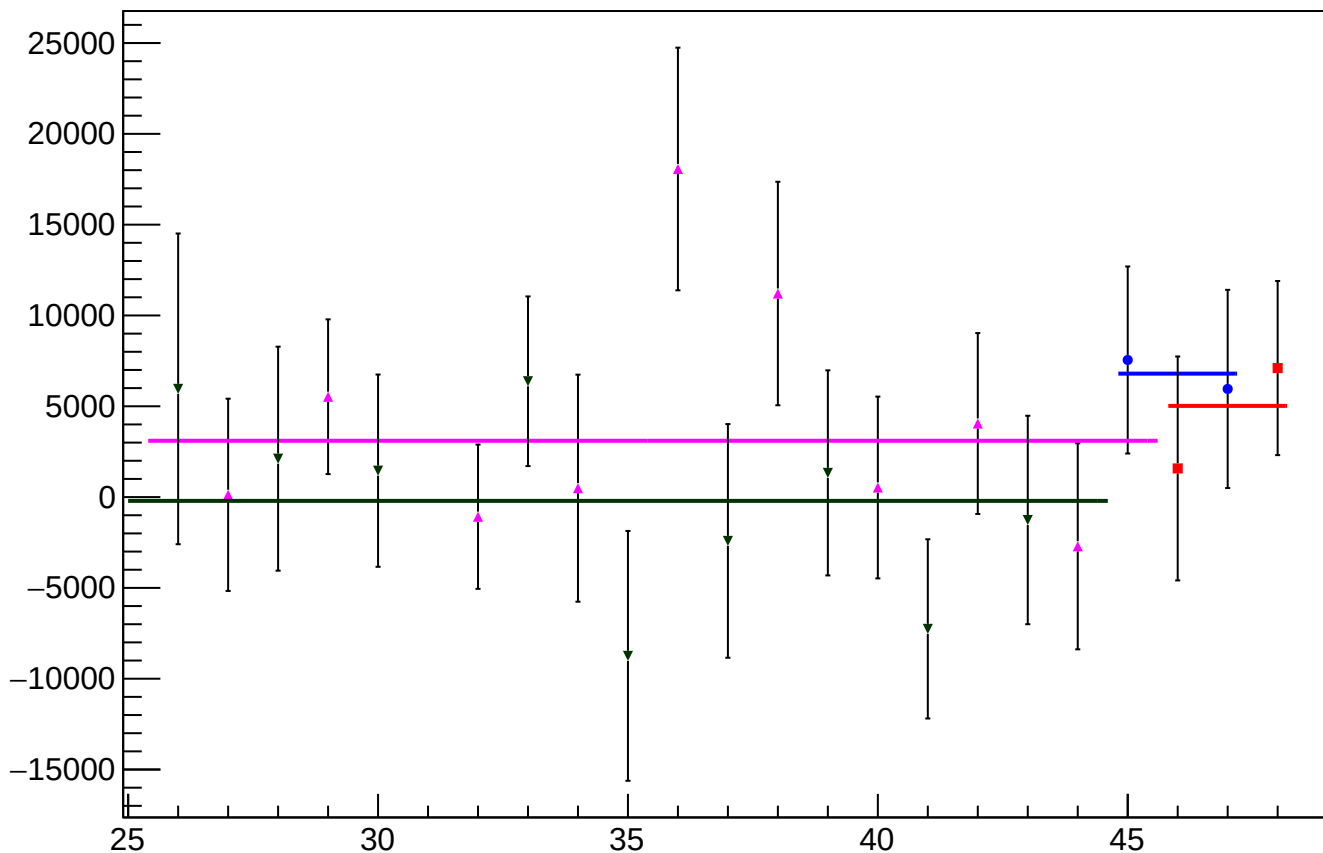
Right Out: 374.817+/-0.287 χ^2/NDF : 3589.2/1

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

407.880+/-0.120 χ^2/NDF : 83446.6/10

410.365+/-0.115 χ^2/NDF : 140936.0/10

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

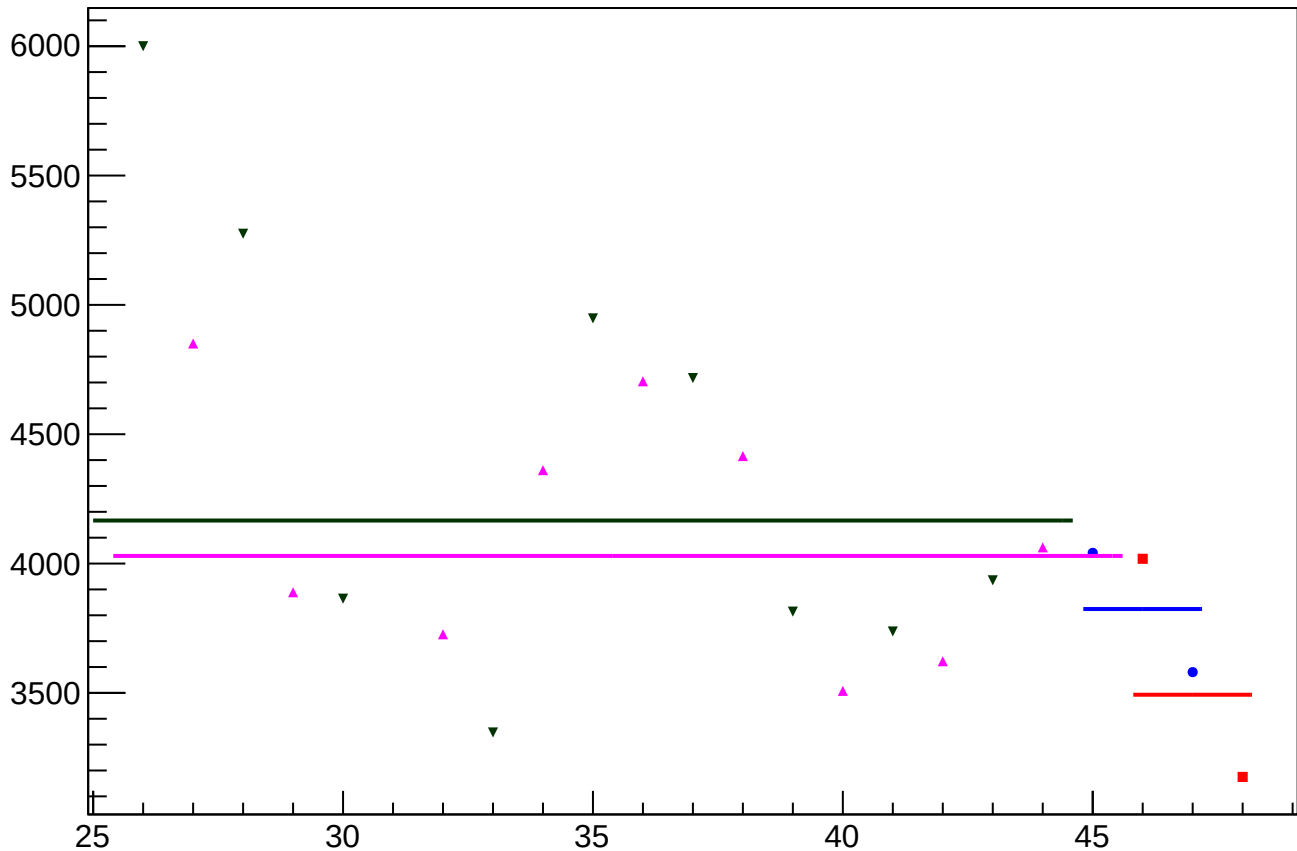
Right Out: 5021.452+/-3784.362 χ^2/NDF : 0.5/1

Left In: 3100.951+/-1715.208 χ^2/NDF : 10.0/8

1256.729+/-1712.699 χ^2/NDF : 9.4/10

3428.234+/-1562.237 χ^2/NDF : 10.7/10

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

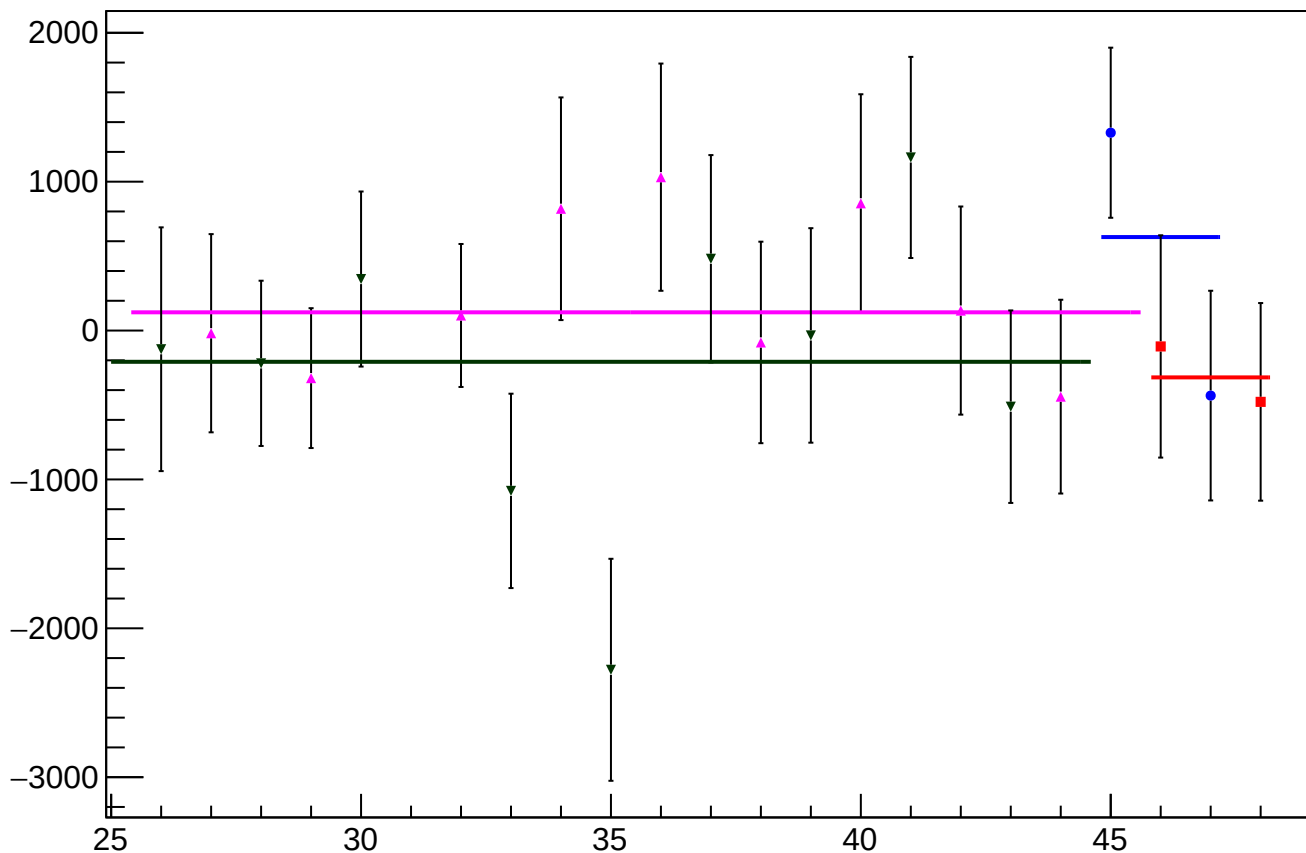
Right Out: 3492.884+/-2.676 χ^2/NDF : 23320.5/1

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

4094.809+/-1.211 χ^2/NDF : 311968.1/10

3938.061+/-1.105 χ^2/NDF : 187733.7/10

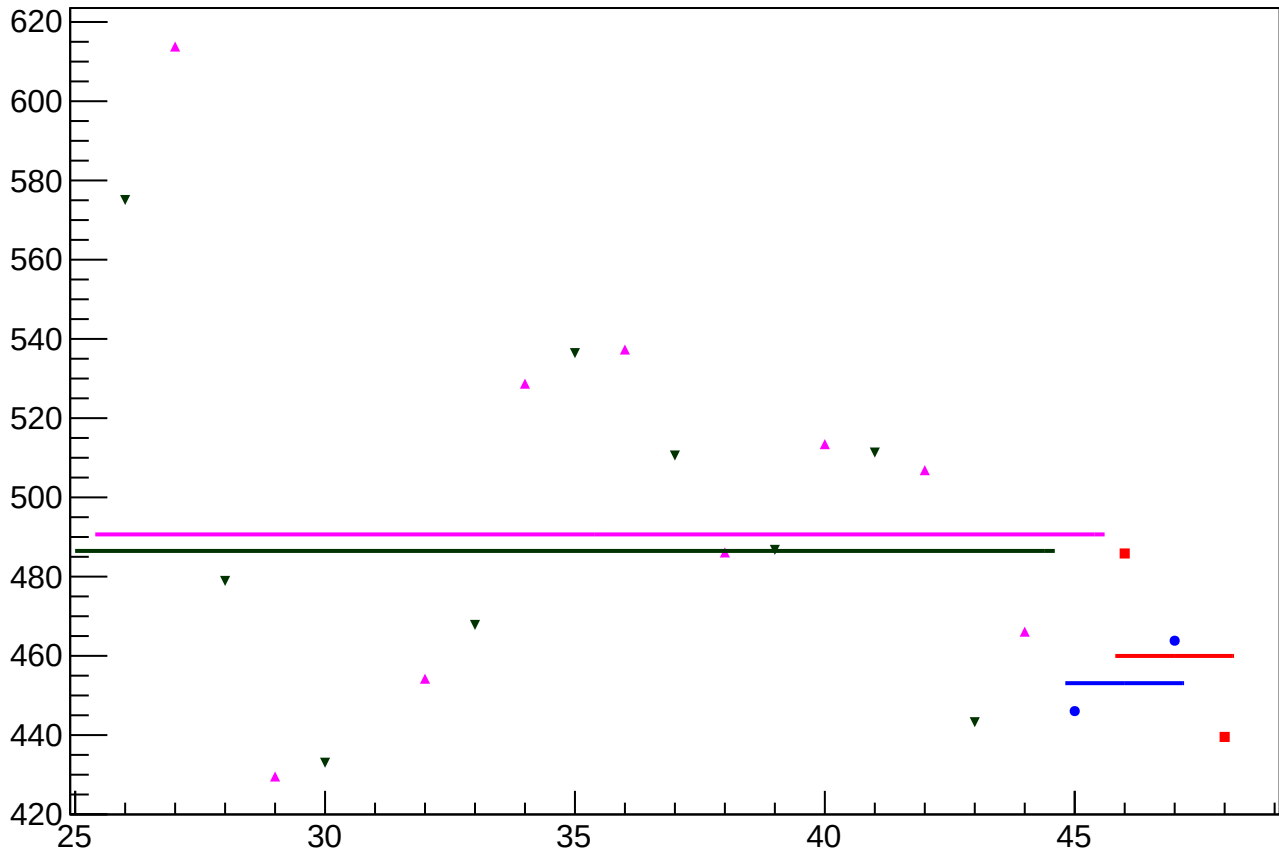
reg_asym_sam_48_avg_mean vs slug



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: -314.625 +/- 496.051 χ^2/NDF : 0.1/1
 Left In: 122.495 +/- 208.120 χ^2/NDF : 5.1/8

-42.504 +/- 198.298 χ^2/NDF : 22.4/10
 57.067 +/- 191.914 χ^2/NDF : 5.9/10

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

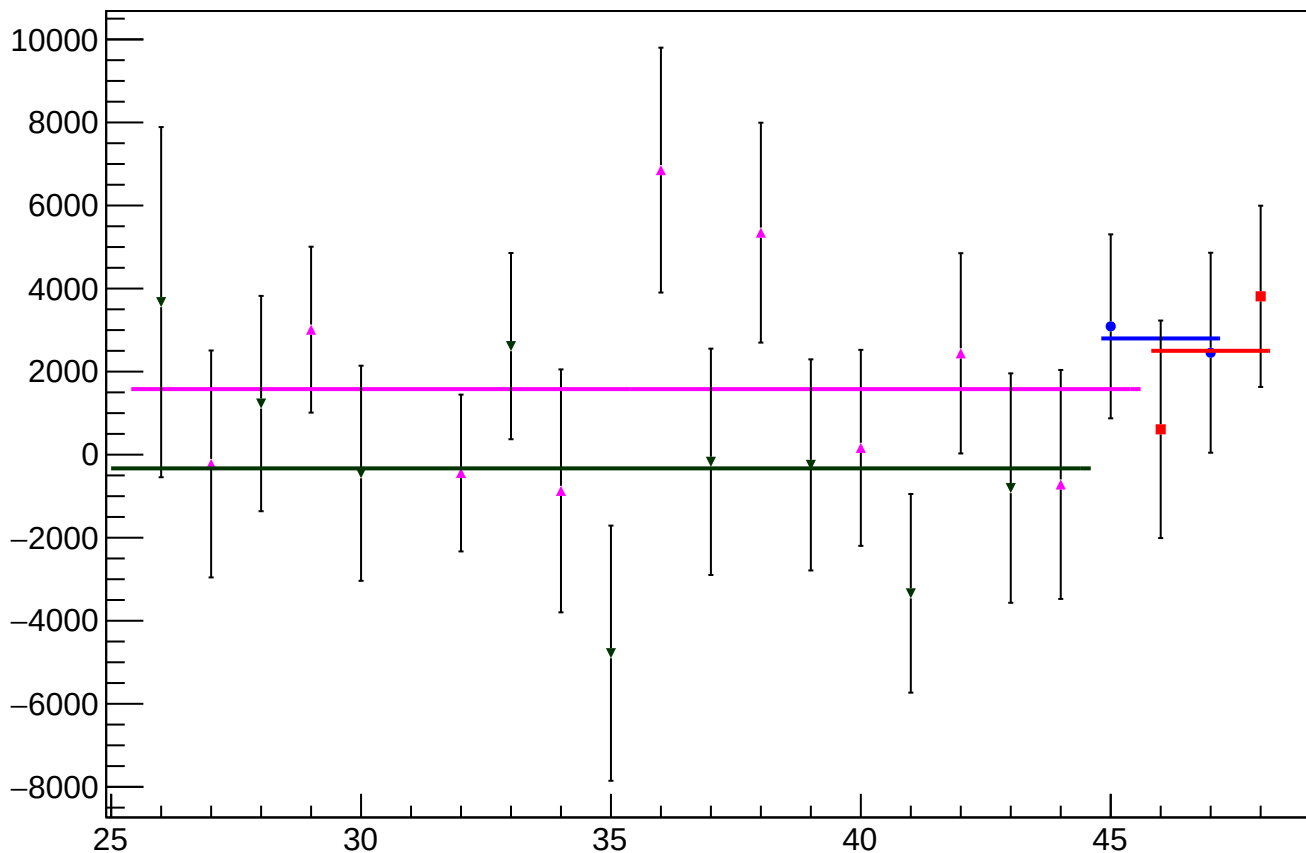
Right Out: 459.976+/-0.351 χ^2/NDF : 4297.0/1

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

479.816+/-0.140 χ^2/NDF : 74799.1/10

486.055+/-0.136 χ^2/NDF : 143167.3/10

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

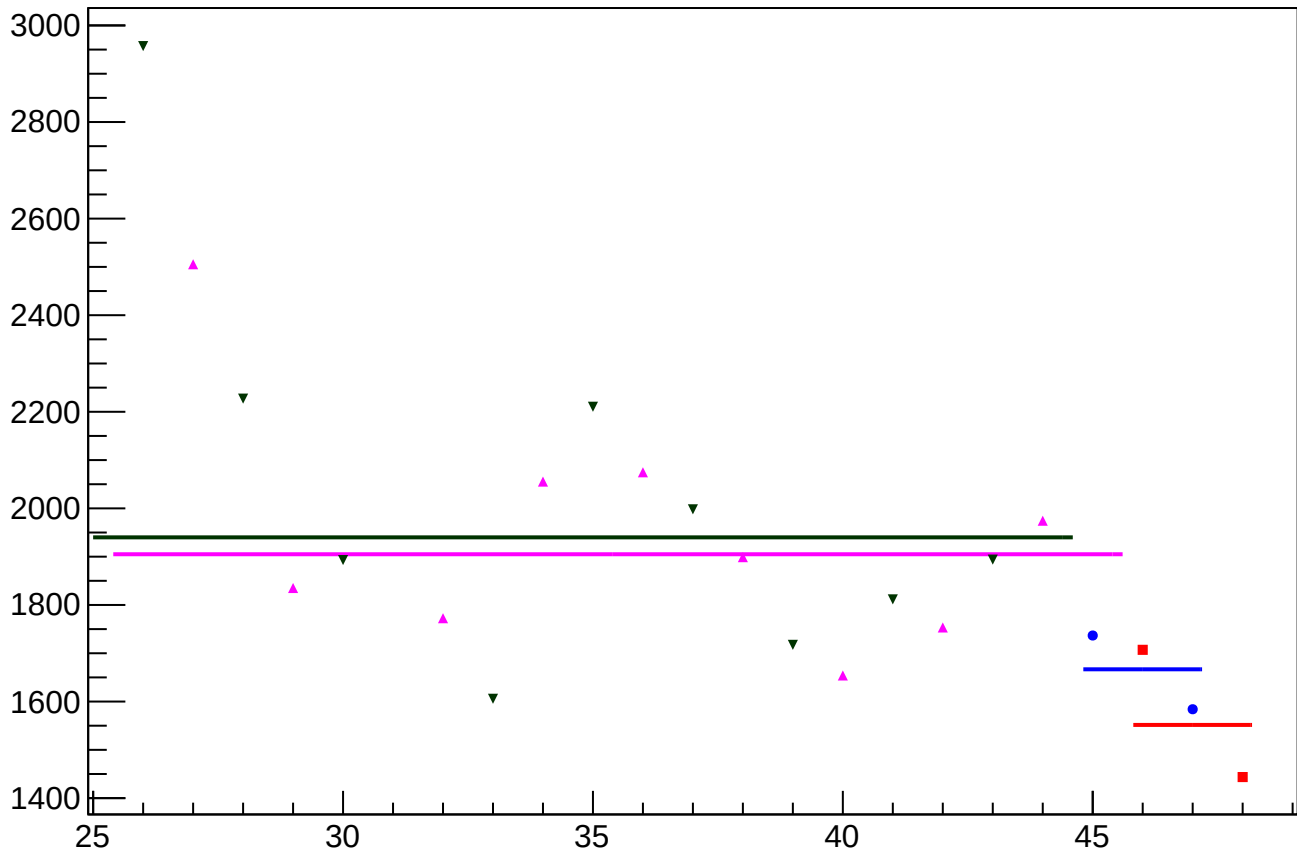
Right Out: 2500.784 $\pm$ 1676.539 χ^2 /NDF: 0.9/1

Left In: 1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

391.820 $\pm$ 783.178 χ^2 /NDF: 9.6/10

1753.213 $\pm$ 729.603 χ^2 /NDF: 10.3/10

asym_sam_48_avg_correction_rms vs slug



Right In: 1666.763+/-1.153 χ^2/NDF : 4353.5/1

Left Out: 1939.983+/-0.631 χ^2/NDF :224092.6/8

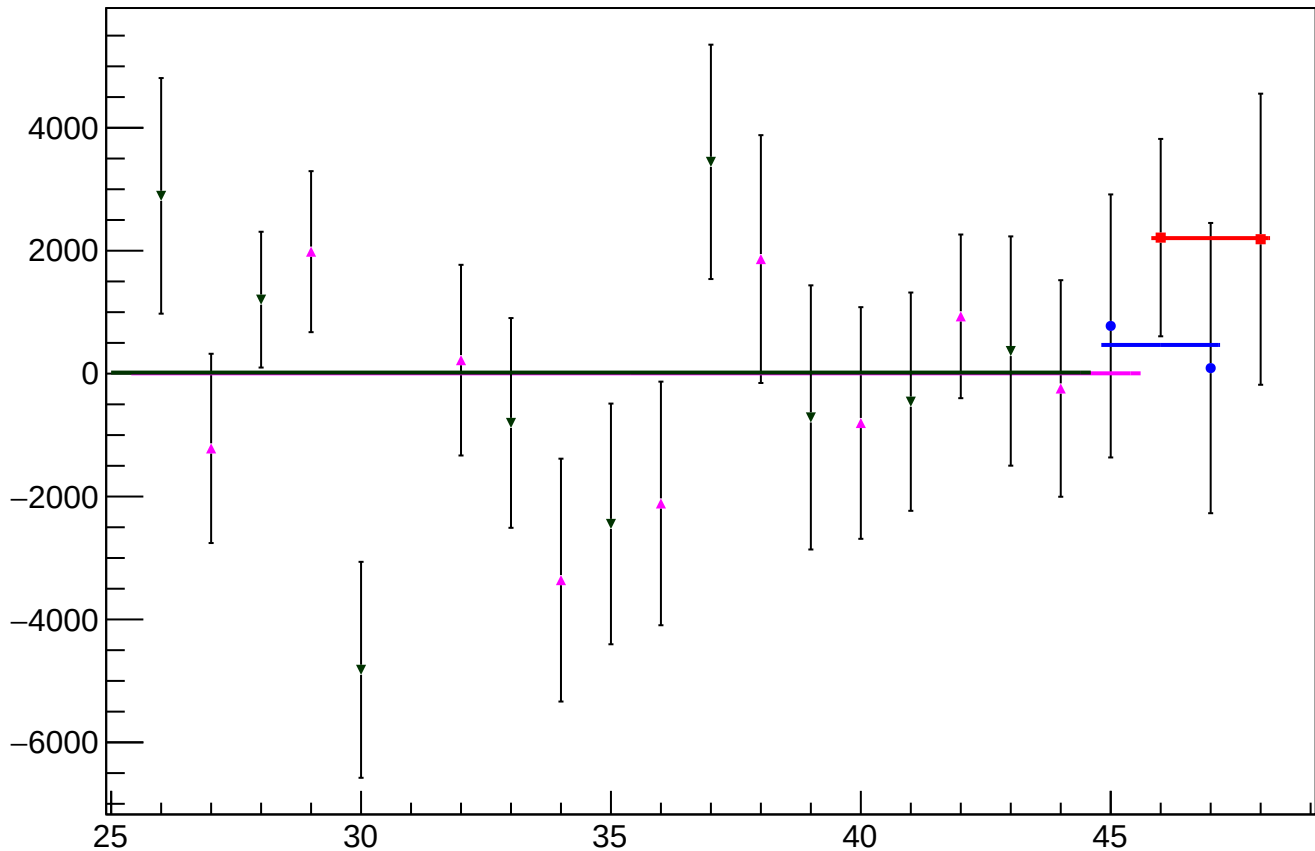
Right Out: 1551.608+/-1.185 χ^2/NDF : 11943.6/1

Left In: 1905.010+/-0.573 χ^2/NDF :152614.4/8

1876.927+/-0.554 χ^2/NDF : 271657.0/10

1838.081+/-0.516 χ^2/NDF : 236594.9/10

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

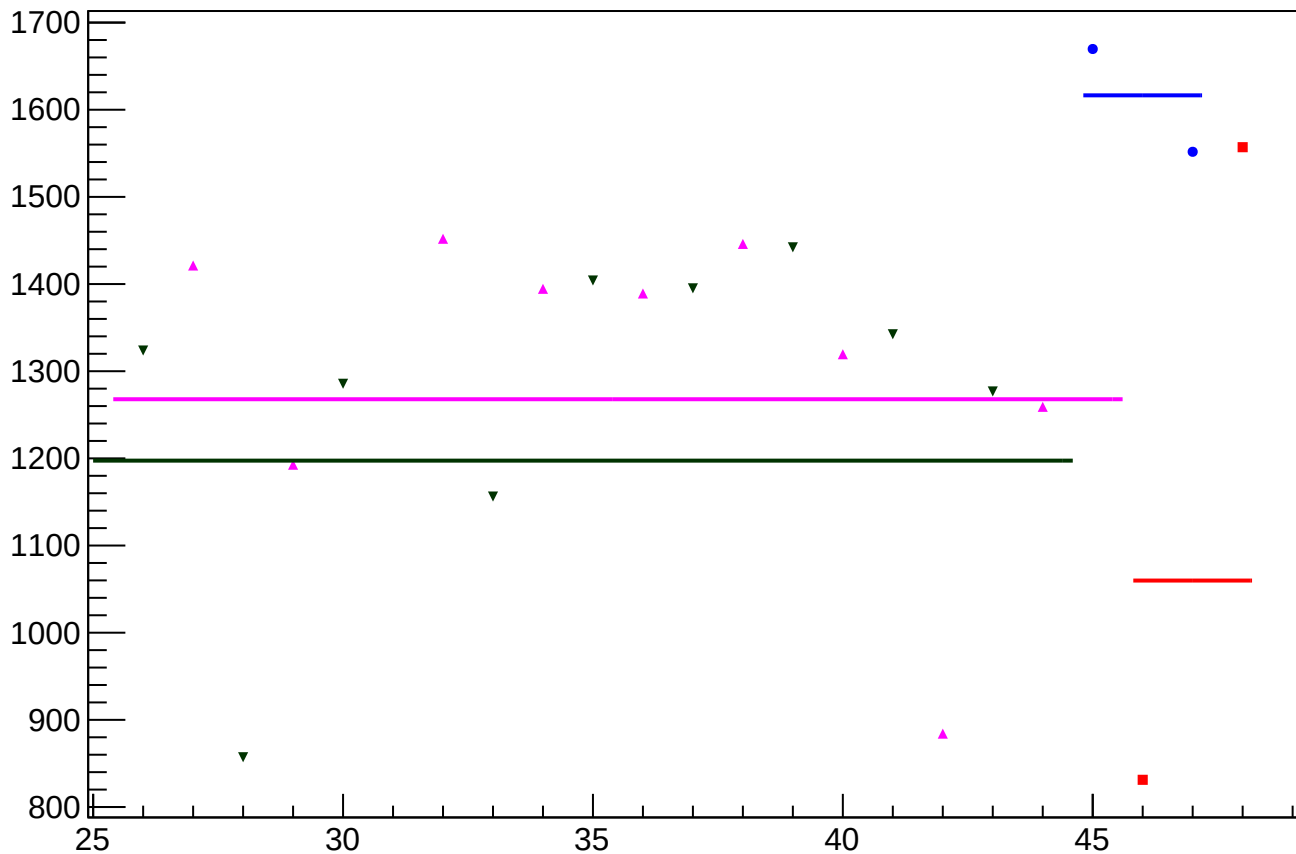
67.947+/-533.534 χ^2 /NDF: 16.4/10

Right Out: 2204.991+/-1329.194 χ^2 /NDF: 0.0/1

Left In: 4.879+/-546.821 χ^2 /NDF:8.5/8

323.338+/-505.700 χ^2 /NDF: 10.9/10

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

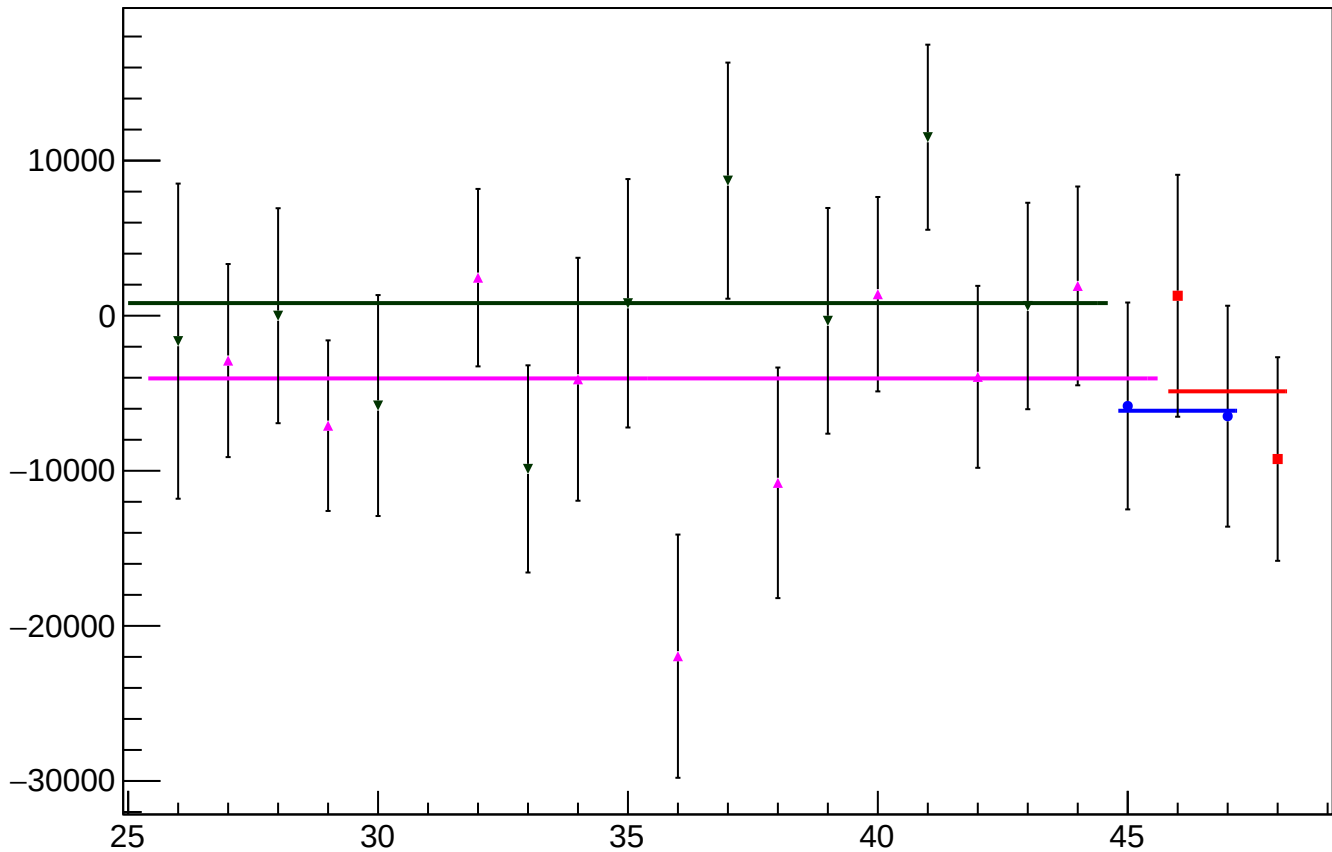
Right Out: 1059.824+/-0.940 χ^2/NDF : 128667.1/1

Left In: 1267.855+/-0.387 χ^2/NDF :253536.2/8

1244.854+/-0.377 χ^2/NDF : 417920.9/10

1237.743+/-0.358 χ^2/NDF : 424102.5/10

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

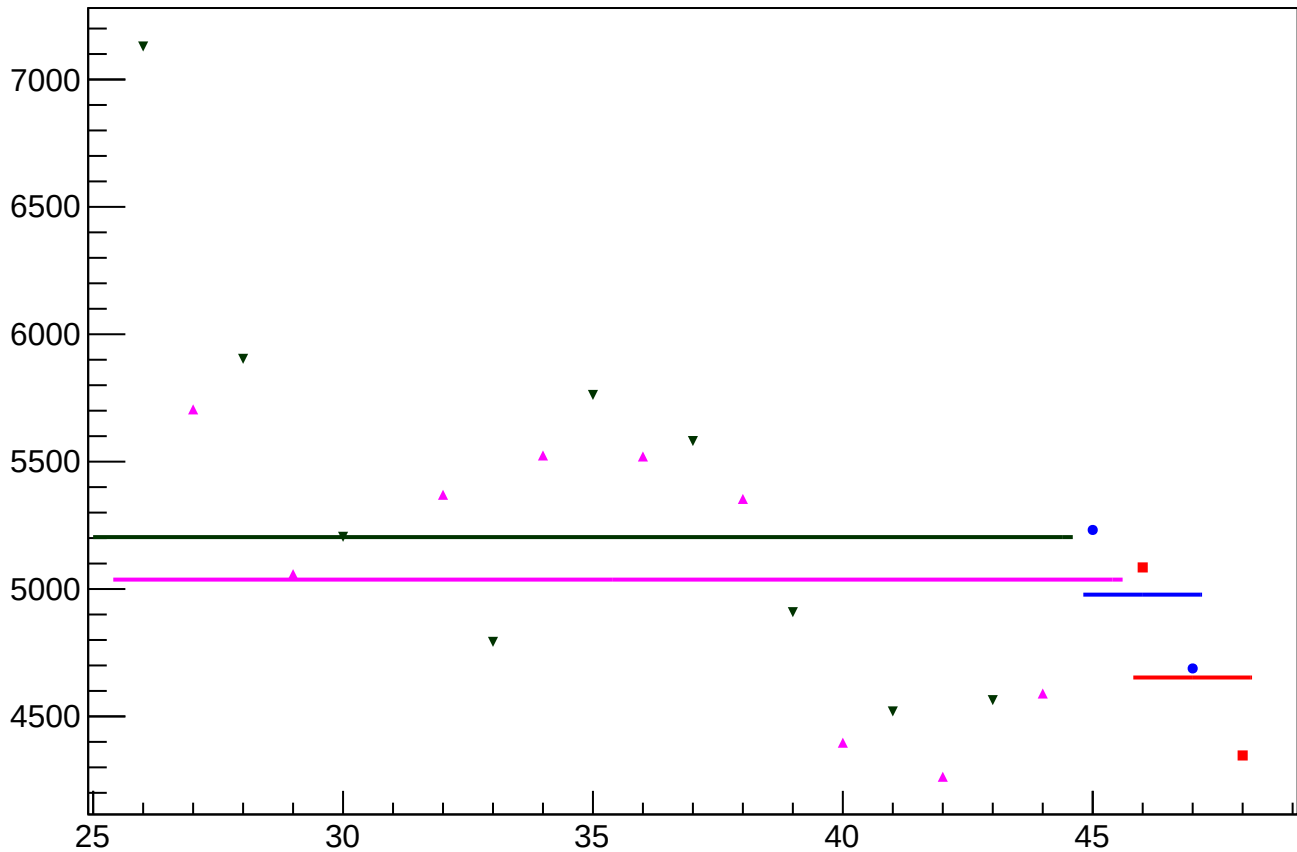
-535.704+/-2145.635 χ^2/NDF : 9.4/10

Right Out: -4877.364+/-5022.136 χ^2/NDF : 1.1/1

-4172.286+/-1966.492 χ^2/NDF : 10.4/10

Left In: -4044.605+/-2137.141 χ^2/NDF : 9.3/8

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

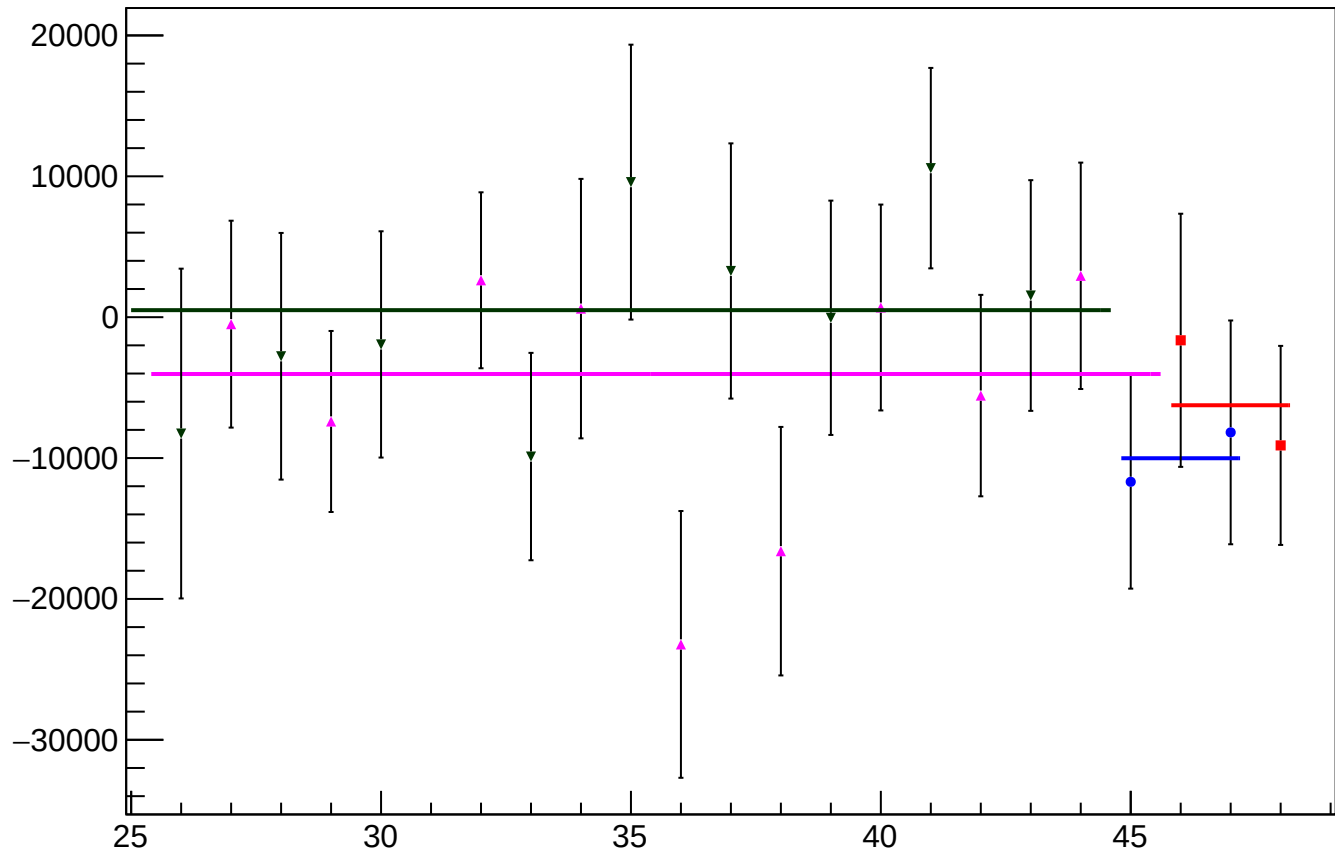
5159.953+/-1.517 χ^2/NDF : 172187.9/10

Right Out: 4652.700+/-3.551 χ^2/NDF : 10483.6/1

4978.053+/-1.391 χ^2/NDF : 134620.2/10

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

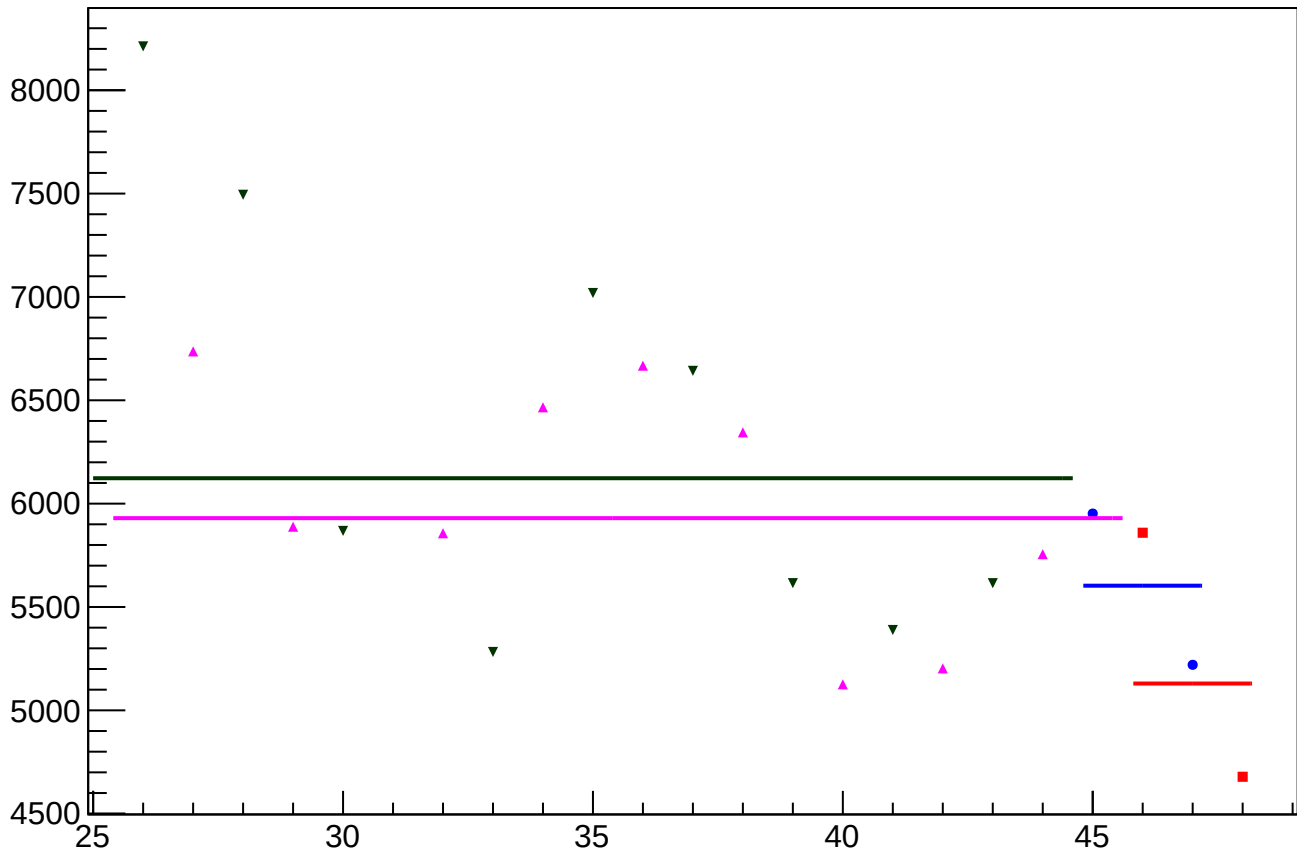
Right Out: -6251.291+/-5553.470 χ^2/NDF : 0.4/1

Left In: -4033.740+/-2515.841 χ^2/NDF : 9.3/8

-1693.694+/-2504.878 χ^2/NDF : 8.8/10

-4411.349+/-2291.651 χ^2/NDF : 9.8/10

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

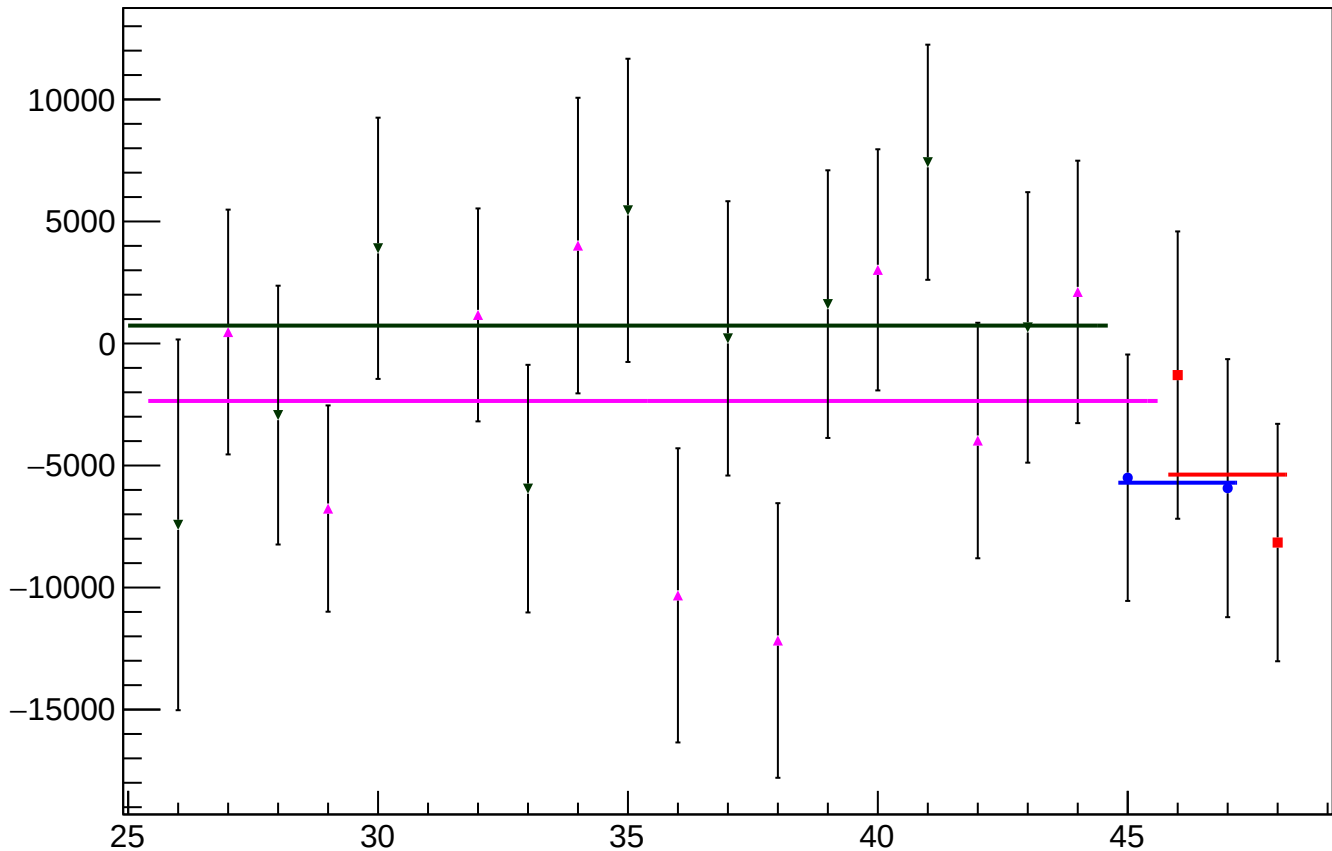
Right Out: 5129.726+/-3.927 χ^2/NDF : 21338.9/1

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

6014.501+/-1.771 χ^2/NDF : 223870.0/10

5793.600+/-1.620 χ^2/NDF : 149453.7/10

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

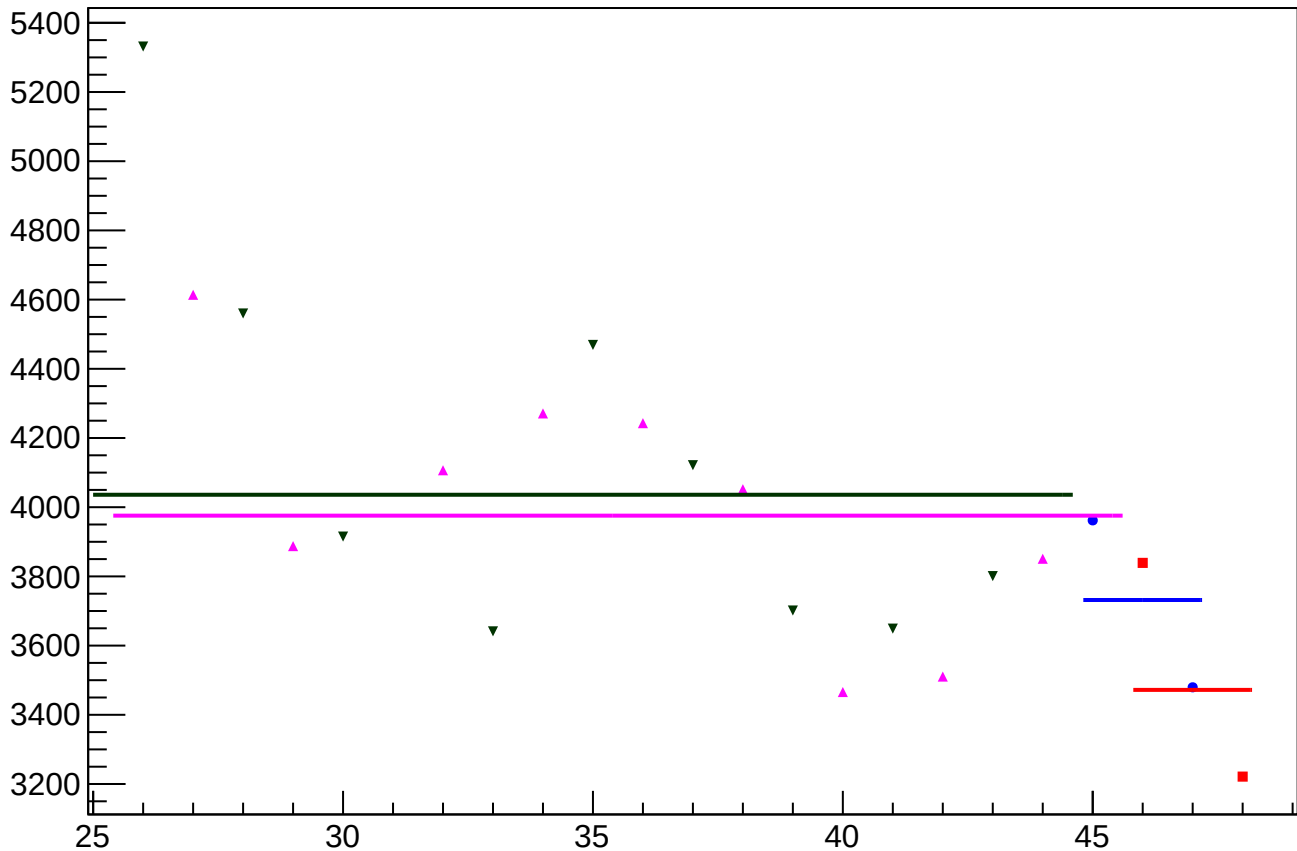
Right Out: -5372.347+/-3749.956 χ^2/NDF : 0.8/1

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

-578.294+/-1648.146 χ^2/NDF : 8.7/10

-2860.564+/-1535.230 χ^2/NDF : 11.3/10

asym_sam_48_dd_rms vs slug



Right In: 3731.796 $\pm$ 2.582 χ^2/NDF : 8713.3/1

Left Out: 4035.979 $\pm$ 1.306 χ^2/NDF :124959.6/8

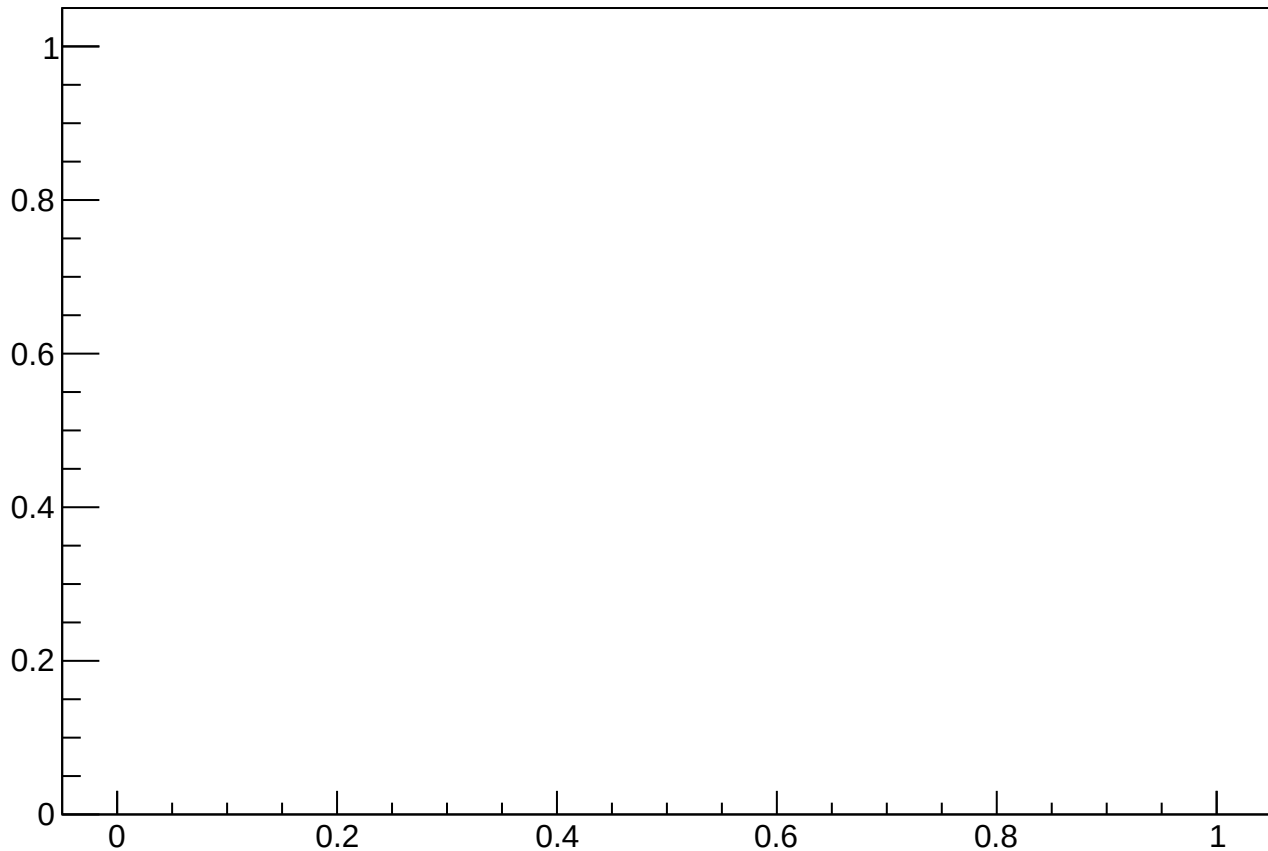
Right Out: 3471.986 $\pm$ 2.652 χ^2/NDF : 13085.1/1

Left In: 3975.604 $\pm$ 1.190 χ^2/NDF :85088.4/8

3973.992 $\pm$ 1.165 χ^2/NDF : 144726.6/10

3891.194 $\pm$ 1.086 χ^2/NDF : 128200.2/10

yield_sam_15_dd_mean vs slug



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

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

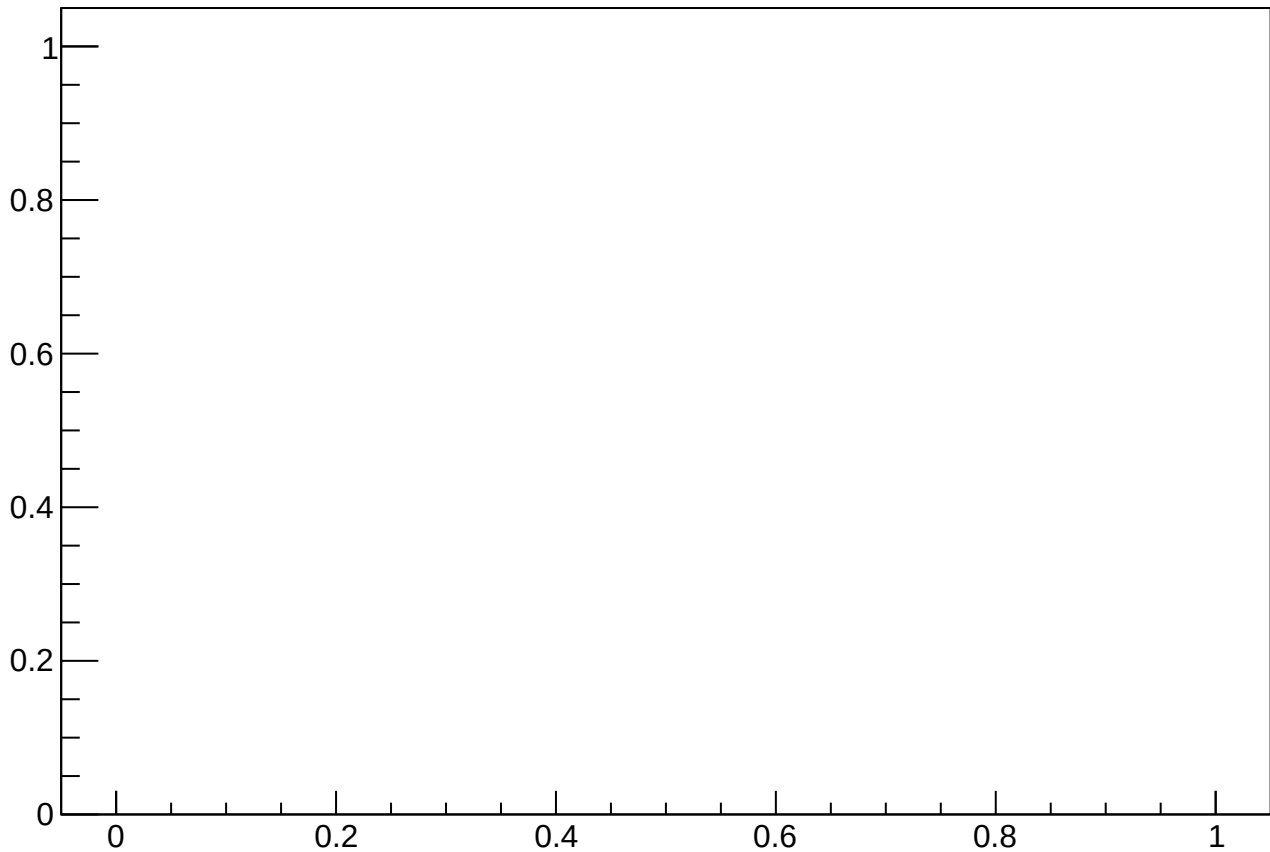
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_dd_rms vs slug



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

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

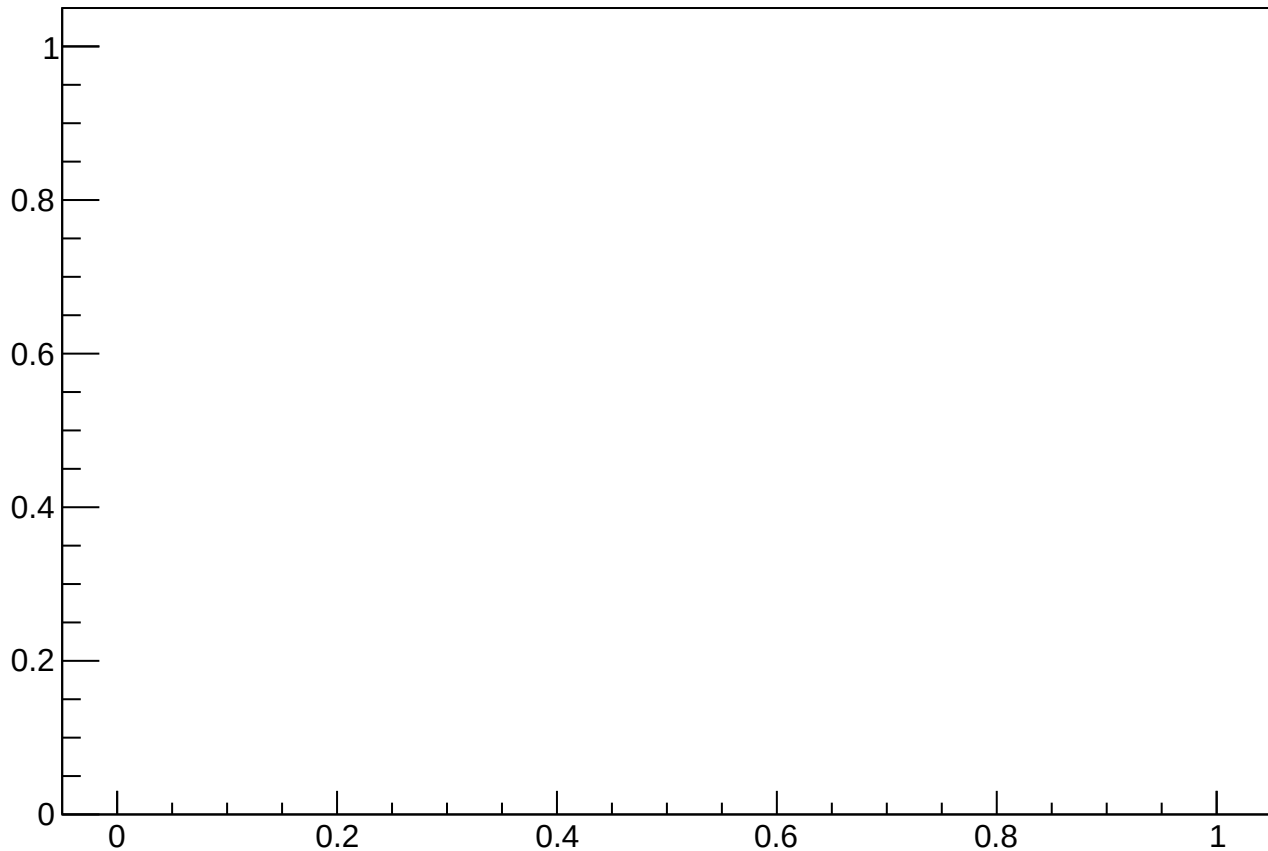
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

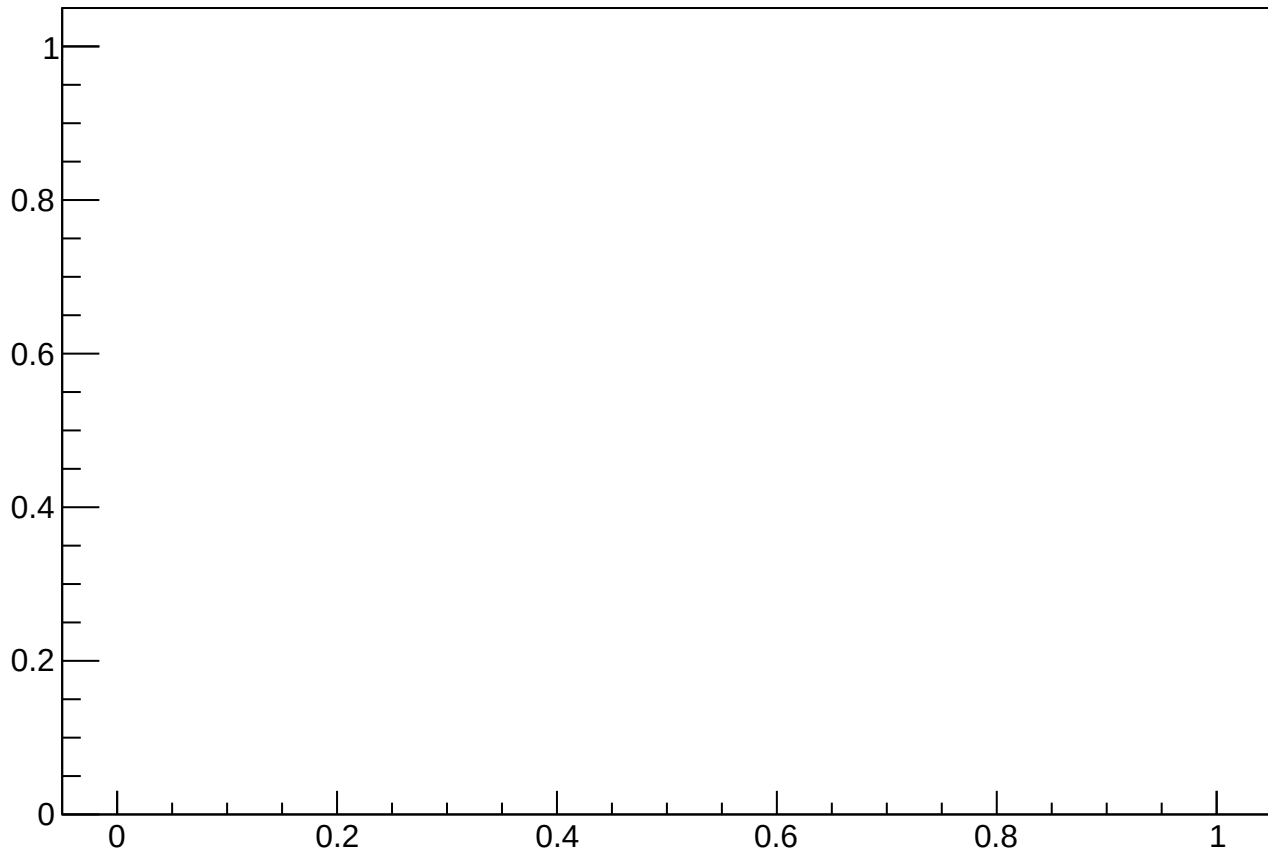
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

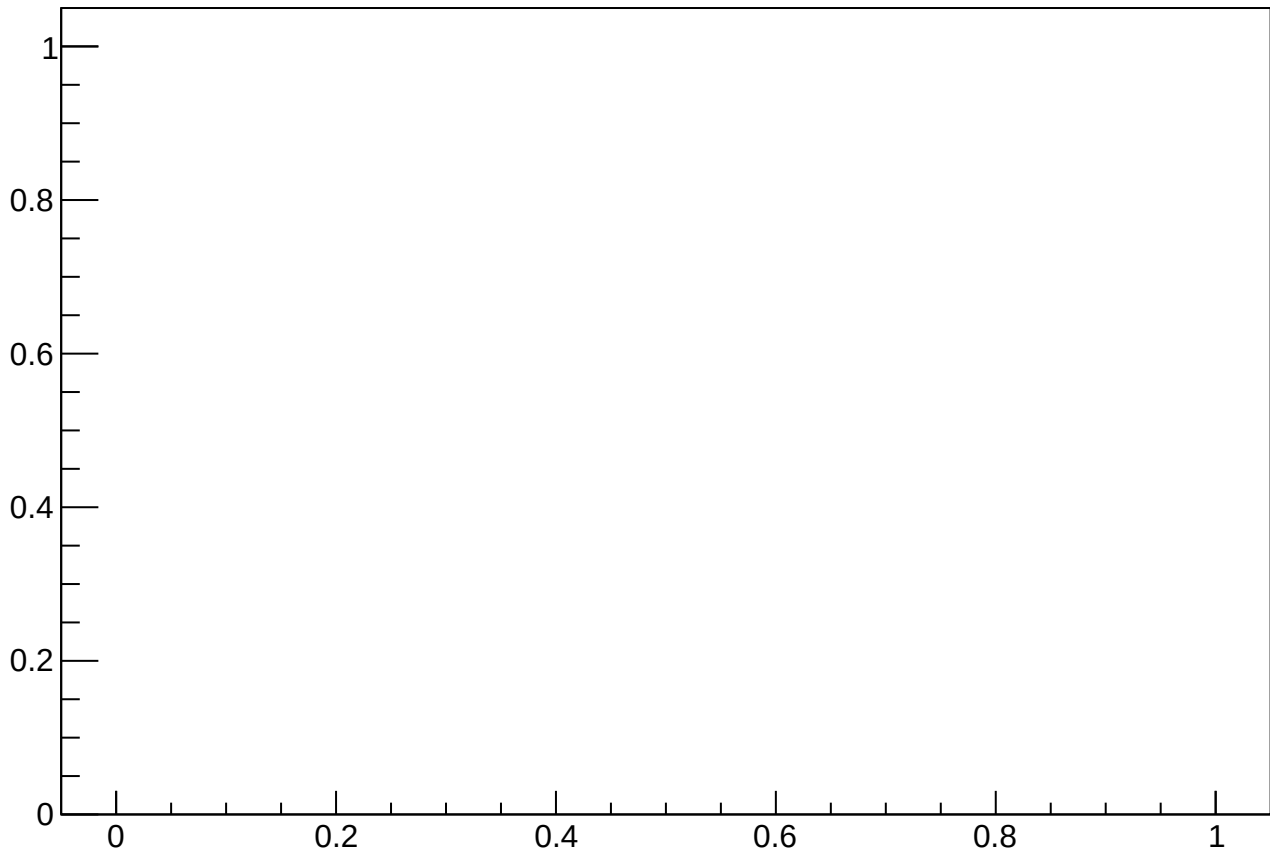
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

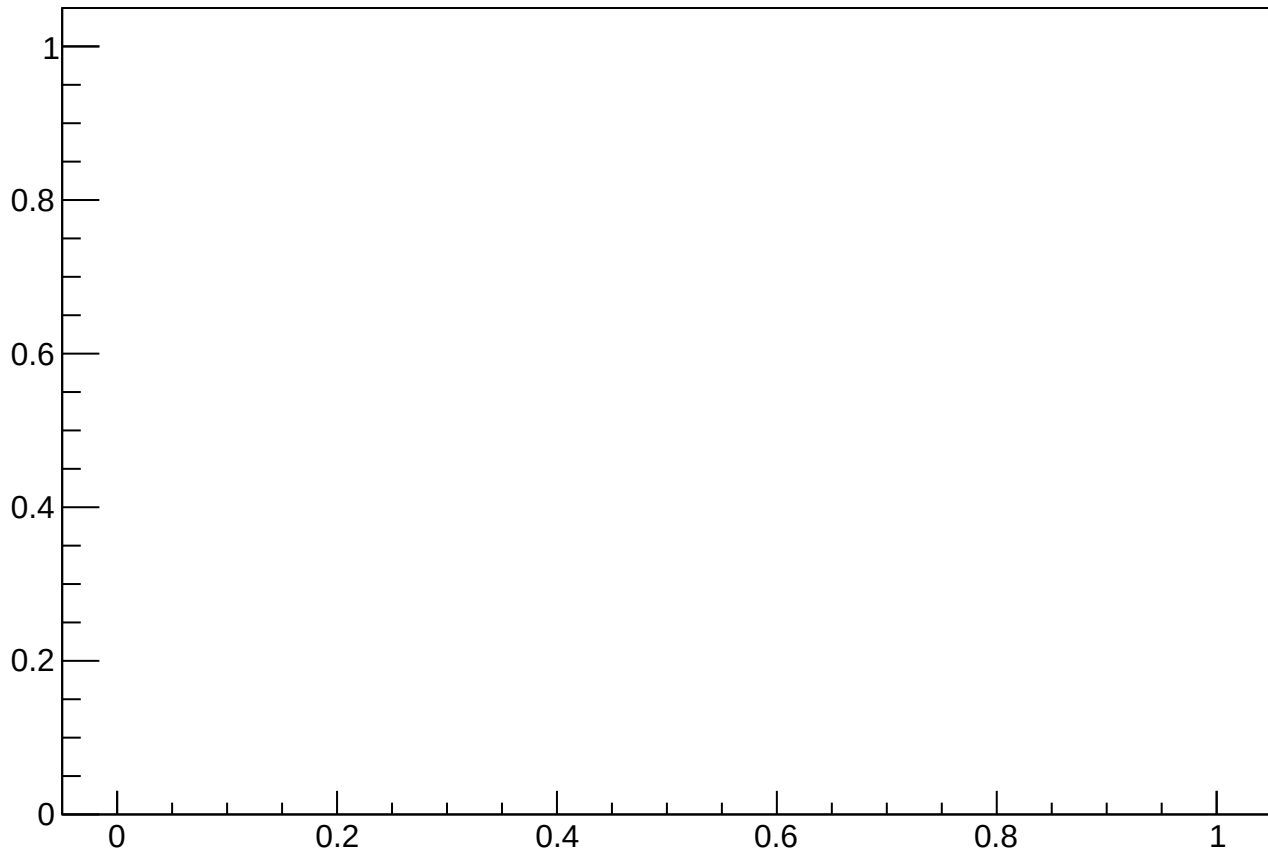
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

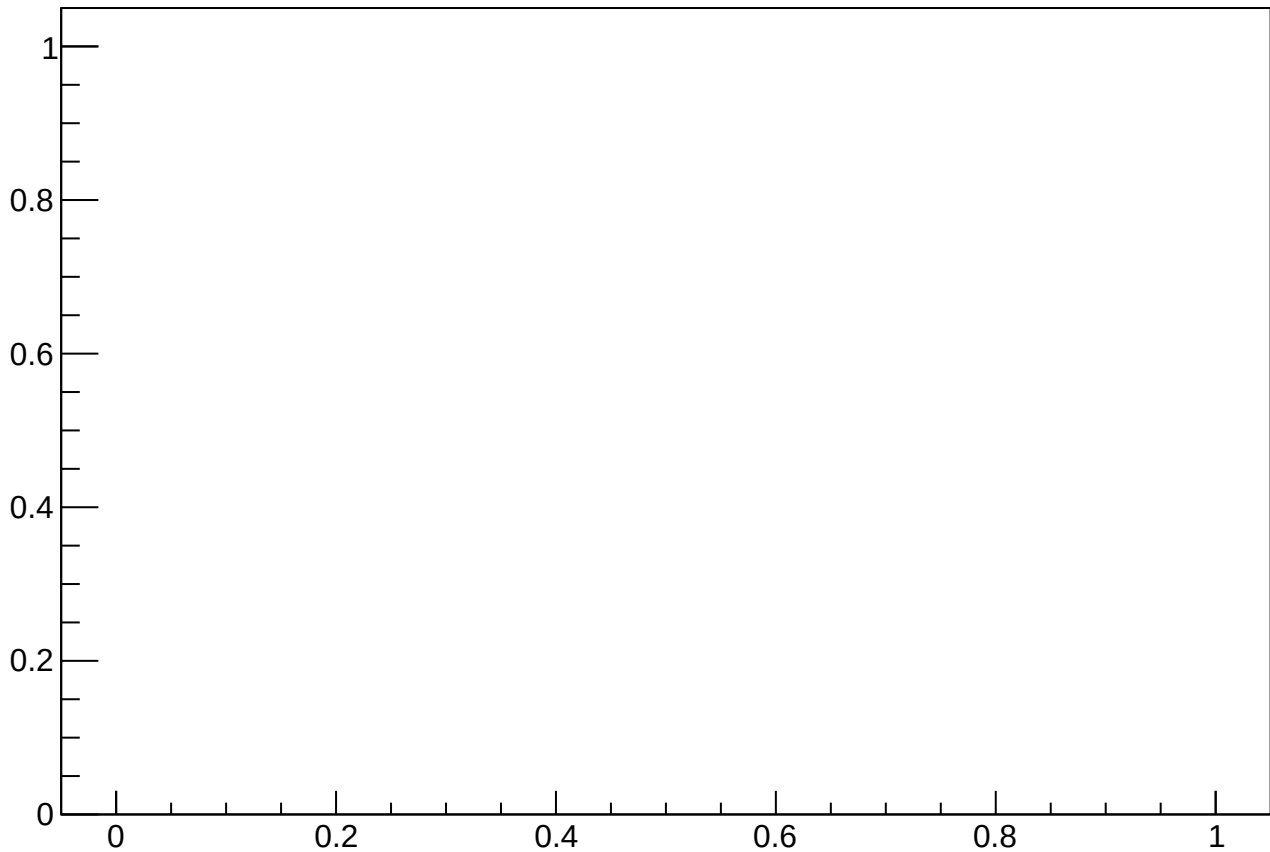
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

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

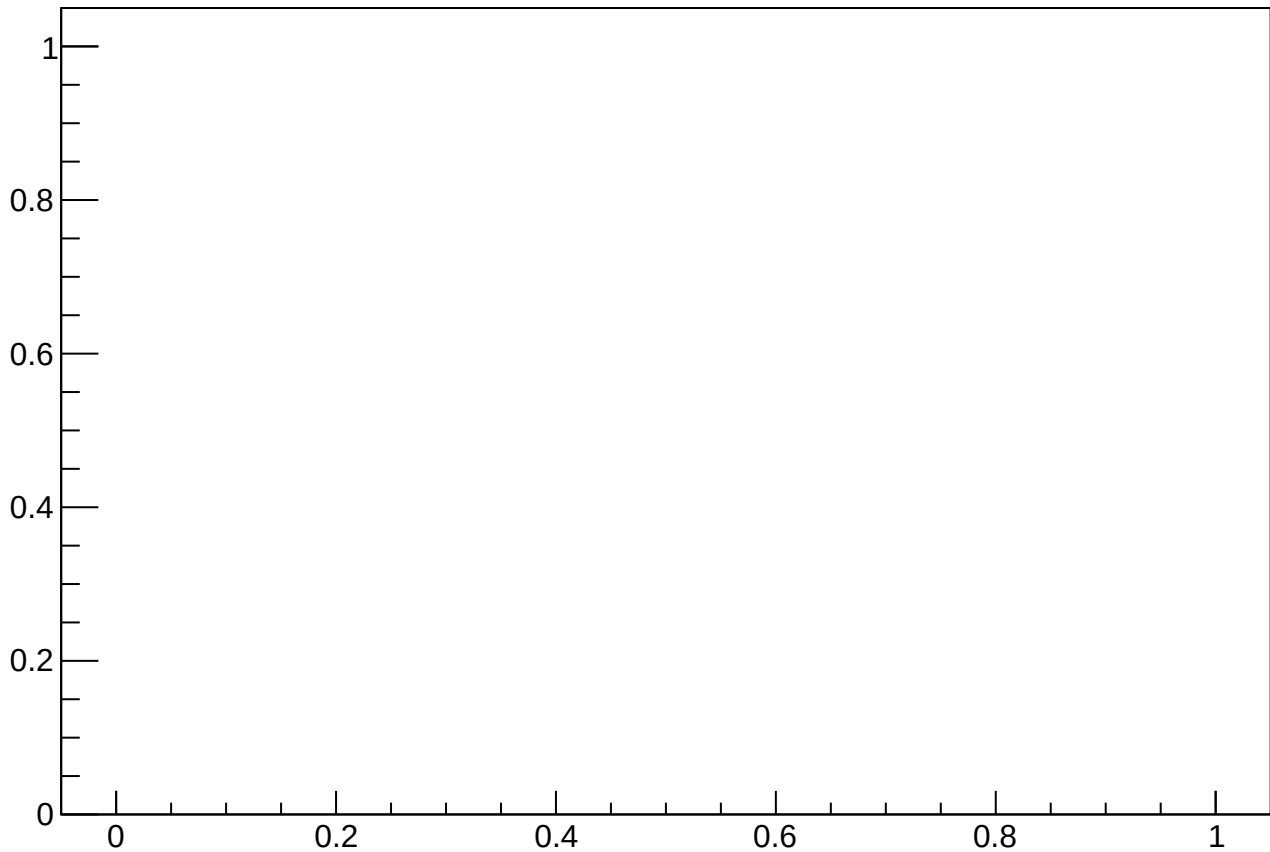
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_rms vs slug



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

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

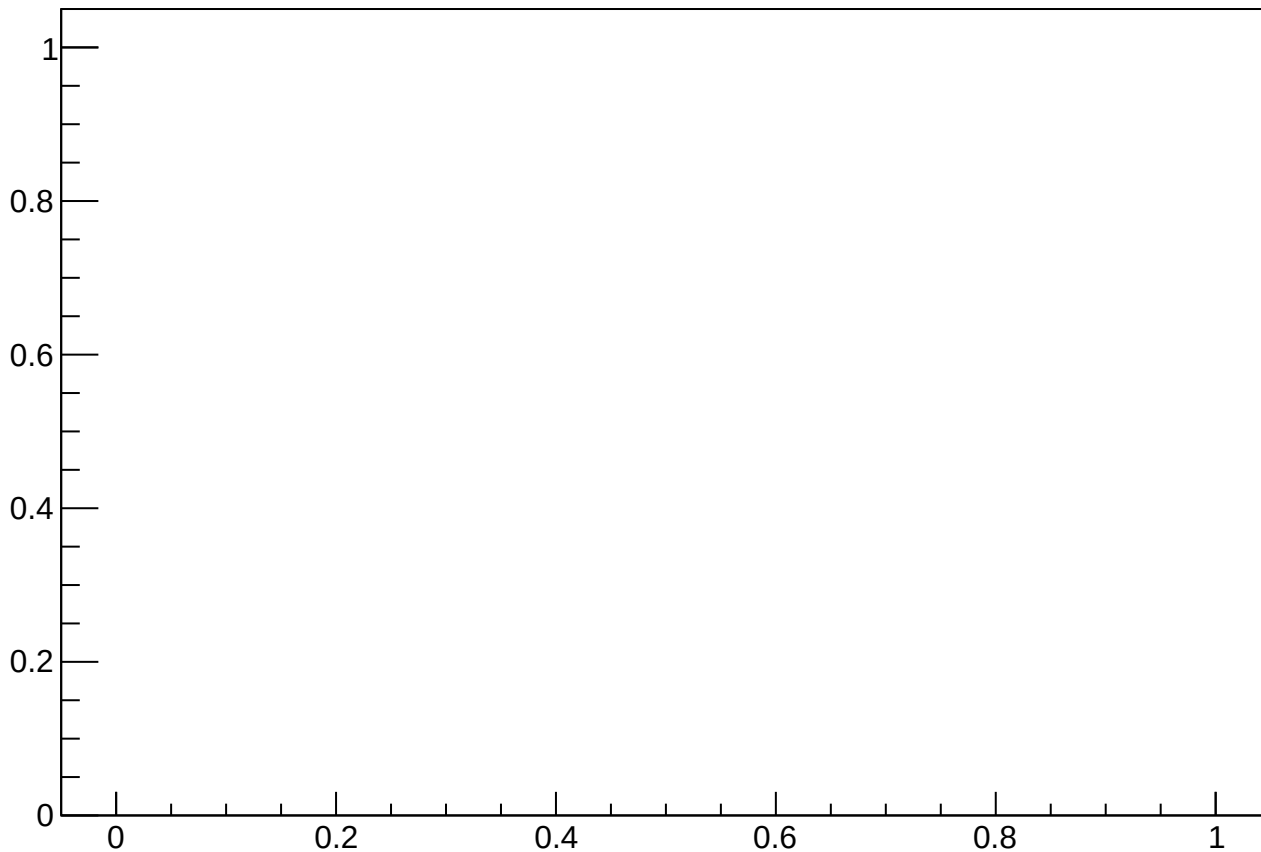
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

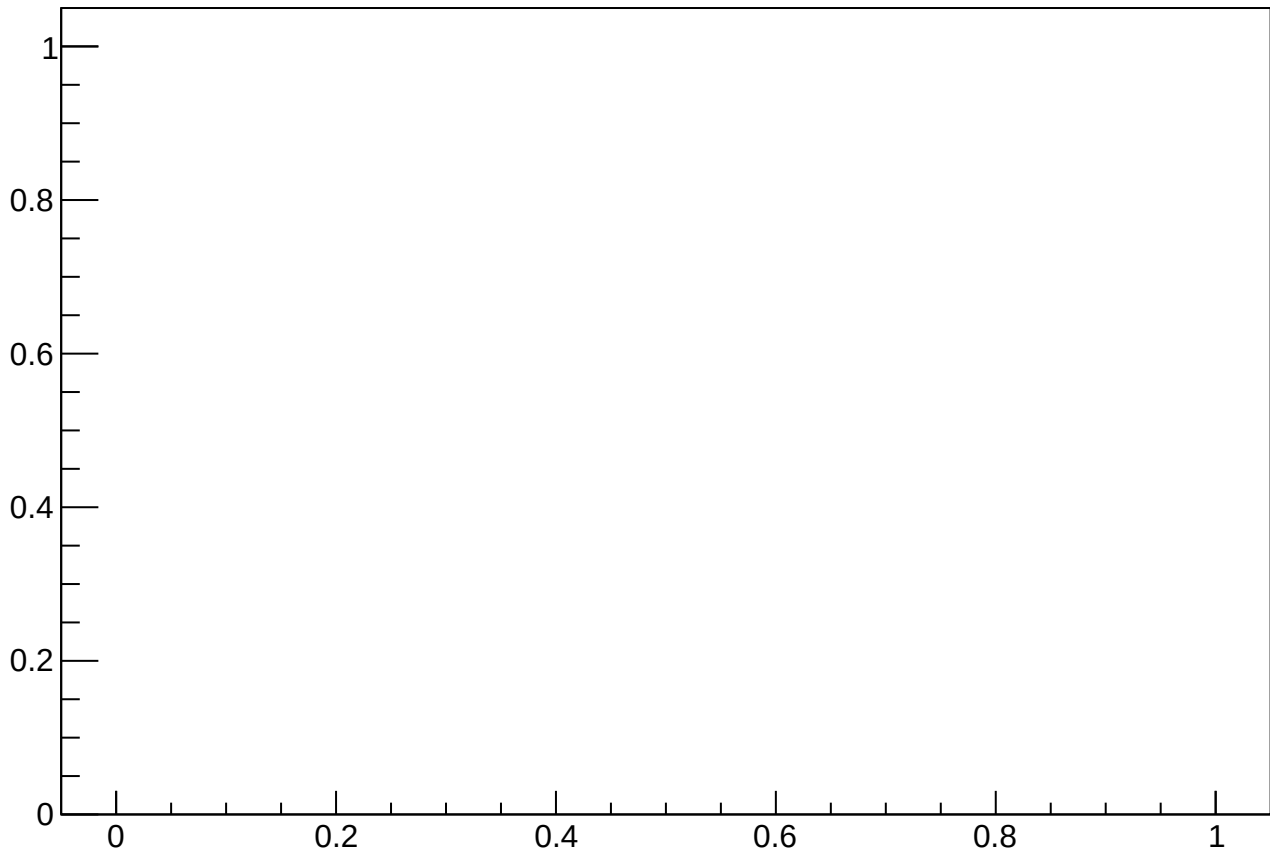
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

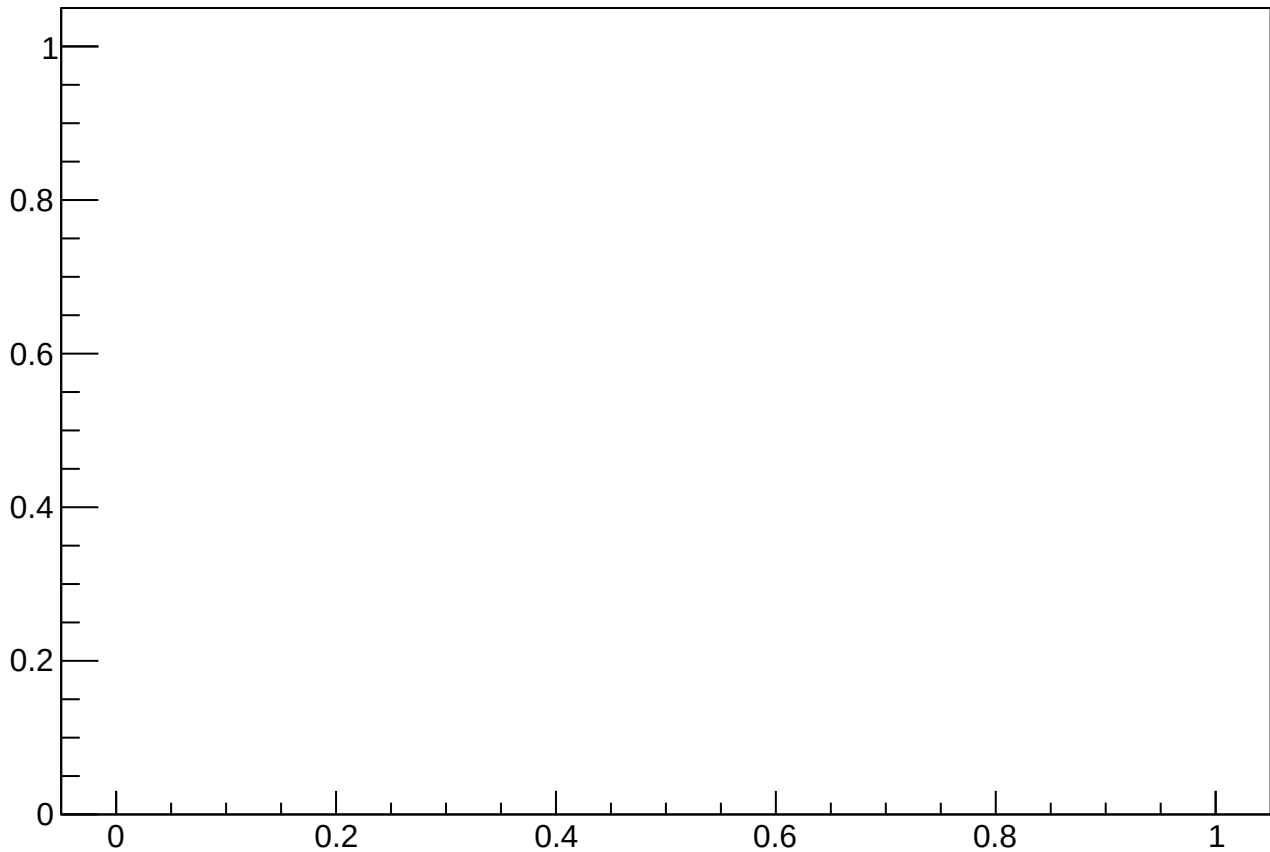
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_rms vs slug



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

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

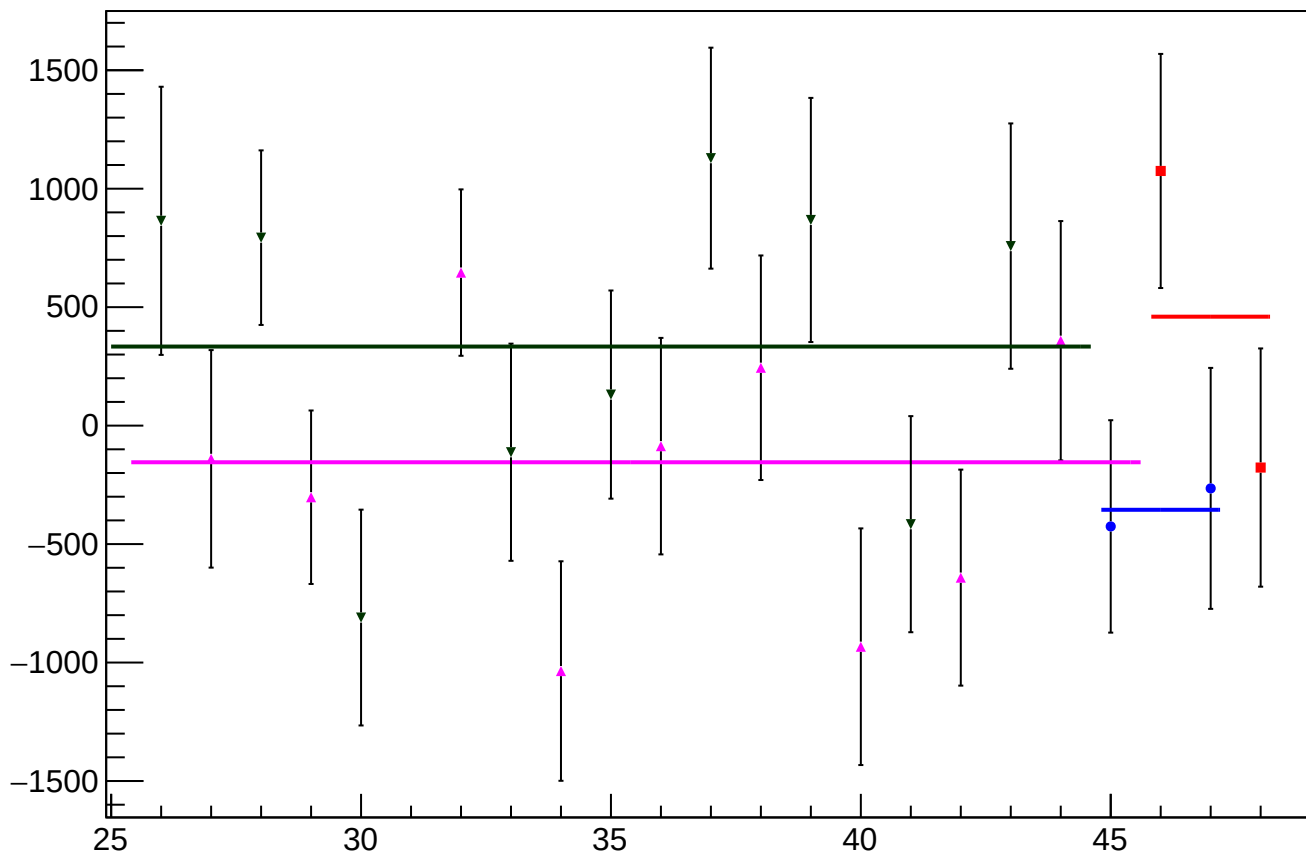
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -355.256+/-336.281 χ^2/NDF : 0.1/1

Left Out: 333.723+/-154.013 χ^2/NDF : 17.3/8

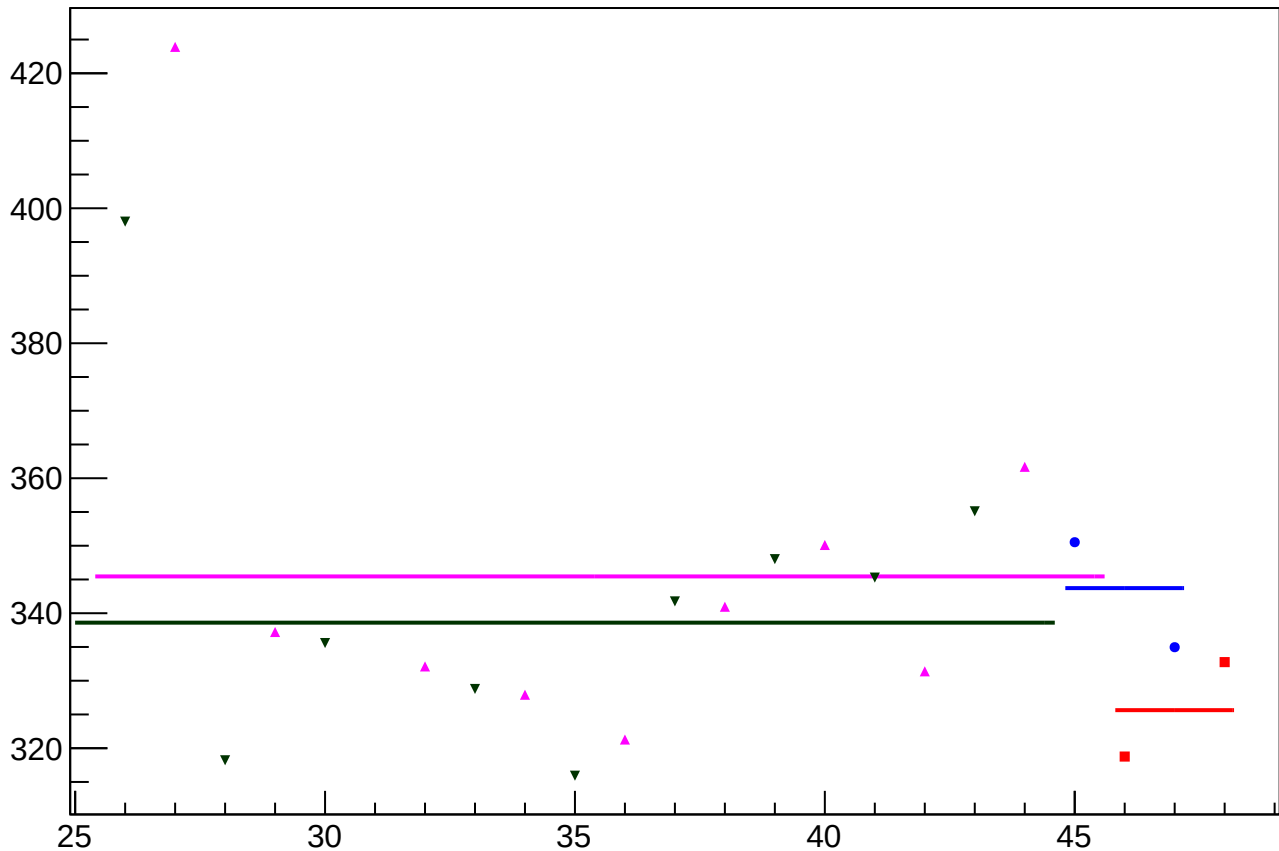
Right Out: 459.812+/-352.392 χ^2/NDF : 3.2/1

Left In: -154.649+/-145.928 χ^2/NDF : 14.3/8

214.264+/-140.026 χ^2/NDF : 20.8/10

-64.703+/-134.825 χ^2/NDF : 20.1/10

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

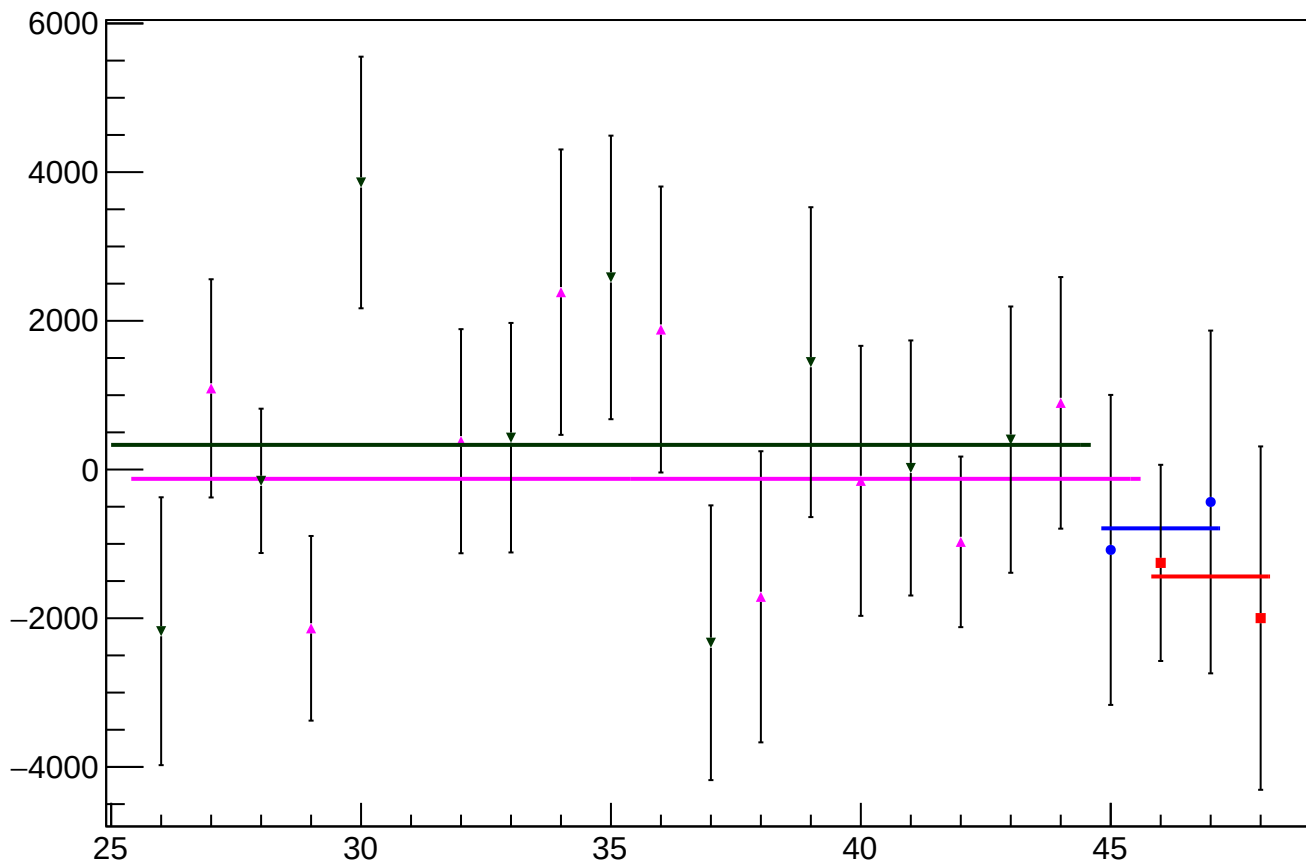
Right Out: 325.638 ± 0.249 χ^2/NDF : 788.2/1

Left In: 345.453 ± 0.103 χ^2/NDF : 75102.1/8

339.490 ± 0.099 χ^2/NDF : 39167.3/10

342.553 ± 0.095 χ^2/NDF : 81288.3/10

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

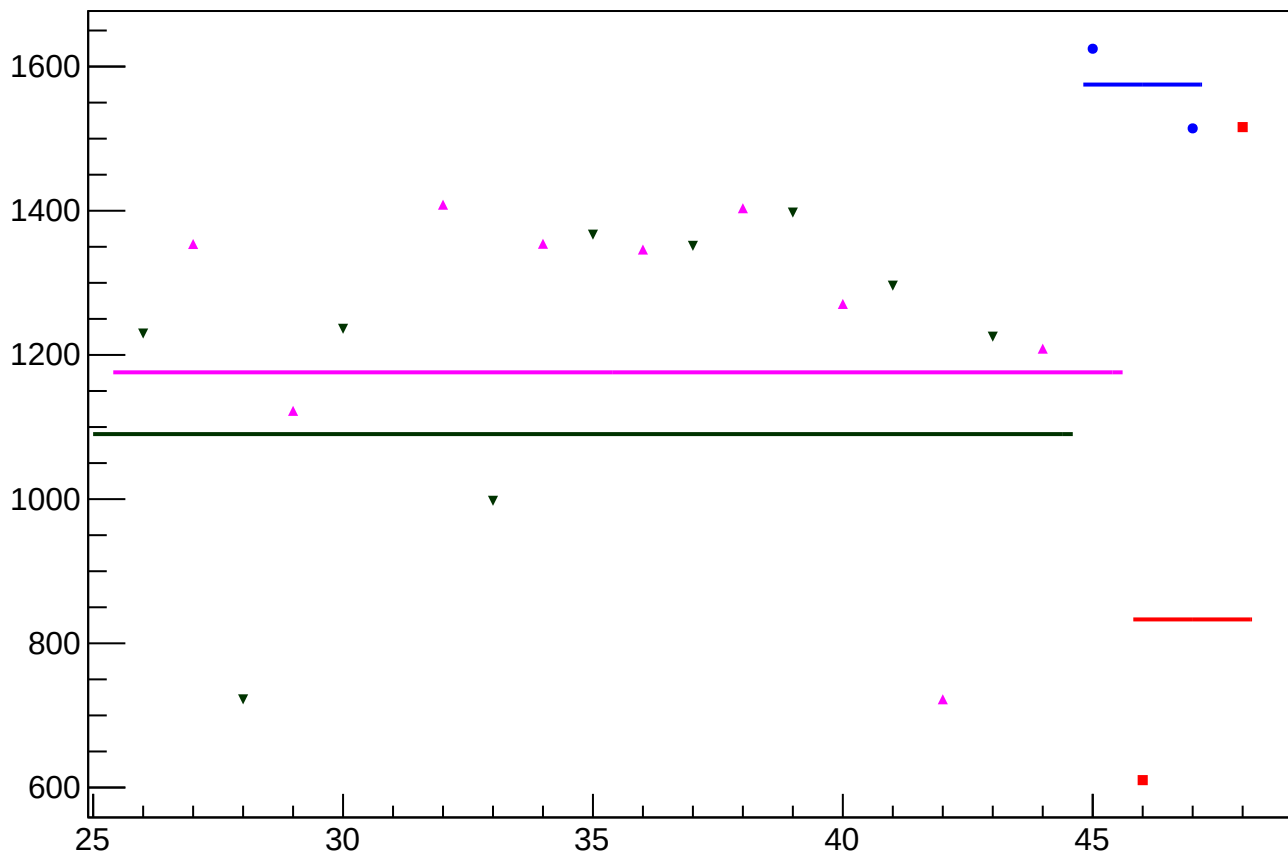
Right Out: -1438.476+/-1145.523 χ^2/NDF : 0.1/1

Left In: -125.241+/-515.151 χ^2/NDF : 7.8/8

214.295+/-499.578 χ^2/NDF : 10.8/10

-346.150+/-469.828 χ^2/NDF : 9.0/10

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

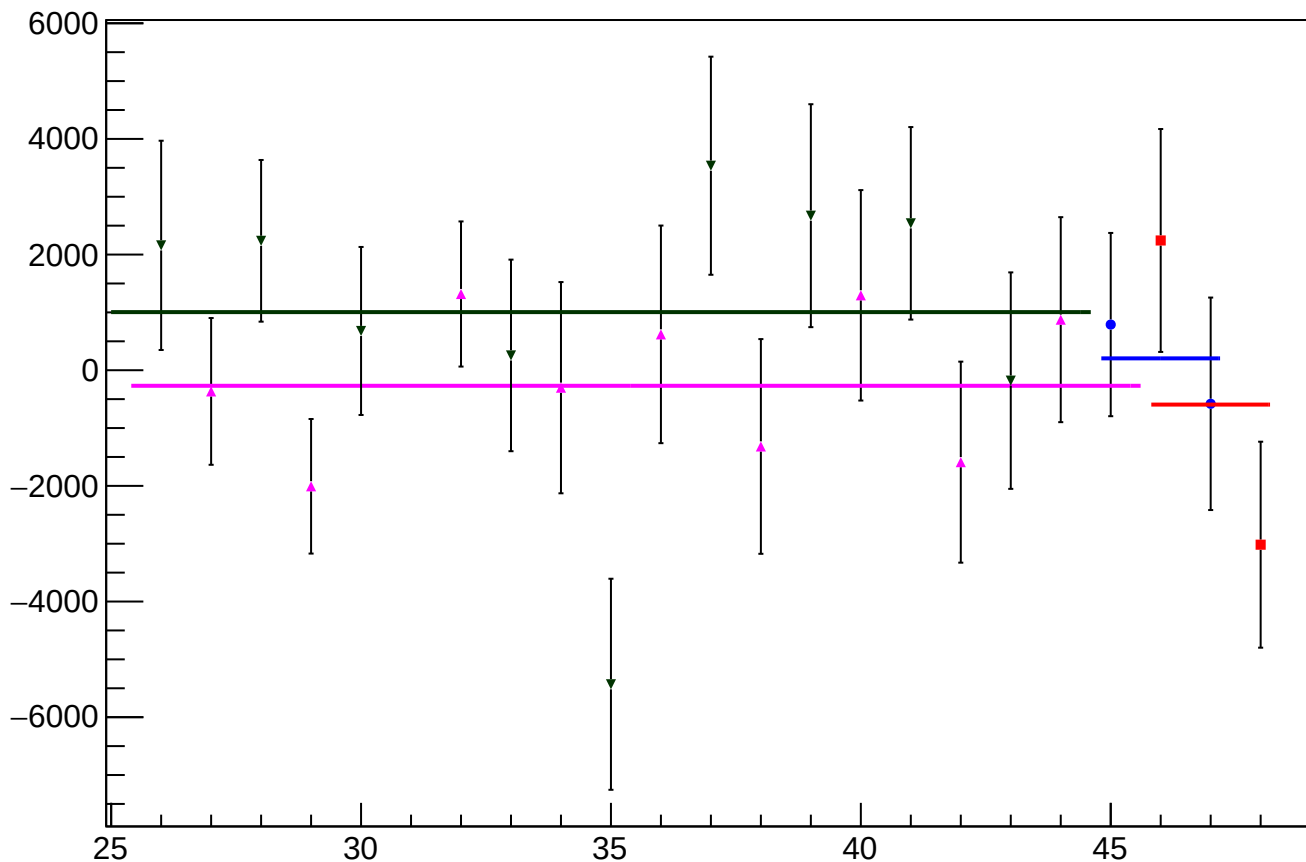
Right Out: 833.148+/-0.810 χ^2/NDF : 231987.6/1

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

1140.821+/-0.353 χ^2/NDF : 665800.8/10

1118.221+/-0.332 χ^2/NDF : 840373.1/10

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

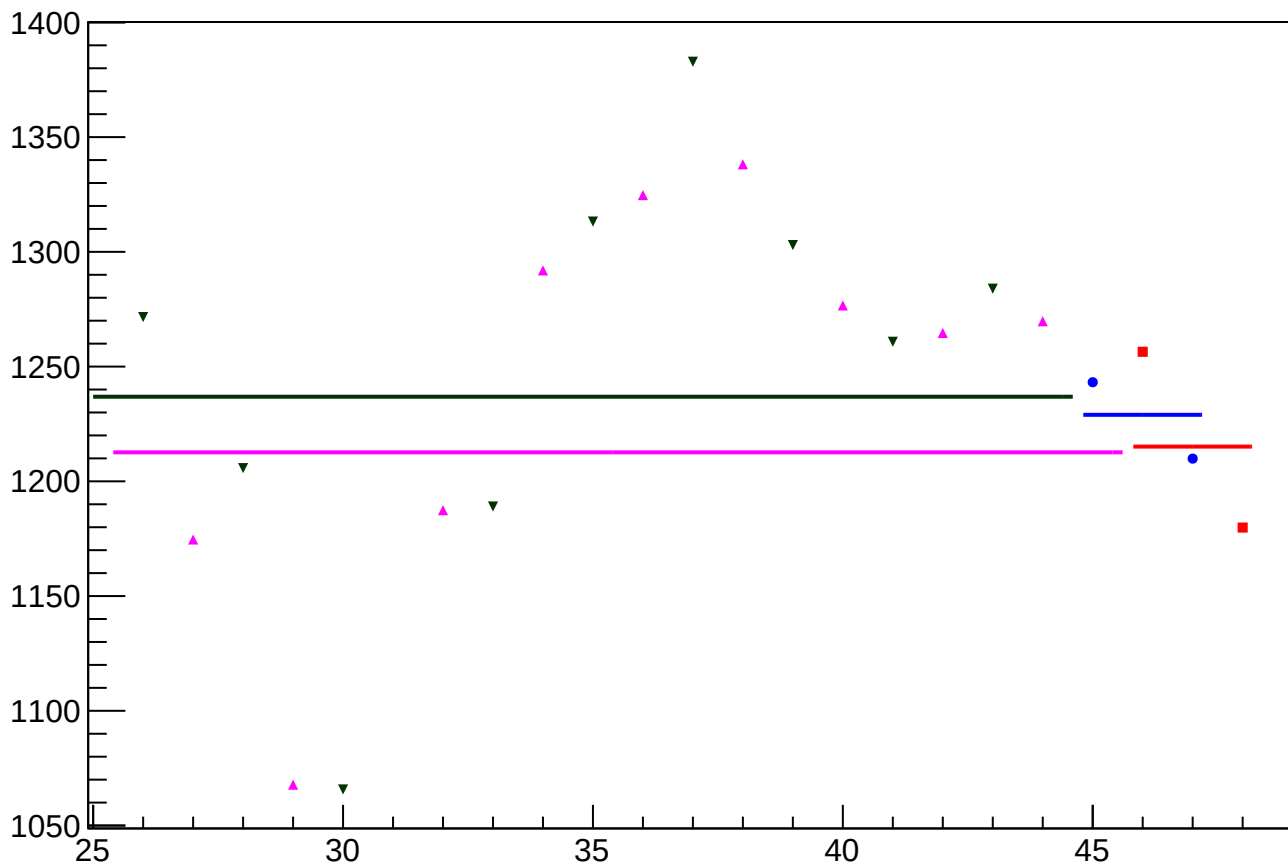
Right Out: -594.215 $\pm$ 1308.075 χ^2 /NDF: 4.0/1

Left In: -269.126 $\pm$ 511.768 χ^2 /NDF: 6.1/8

860.525 $\pm$ 509.844 χ^2 /NDF: 18.4/10

-312.280 $\pm$ 476.591 χ^2 /NDF: 10.2/10

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

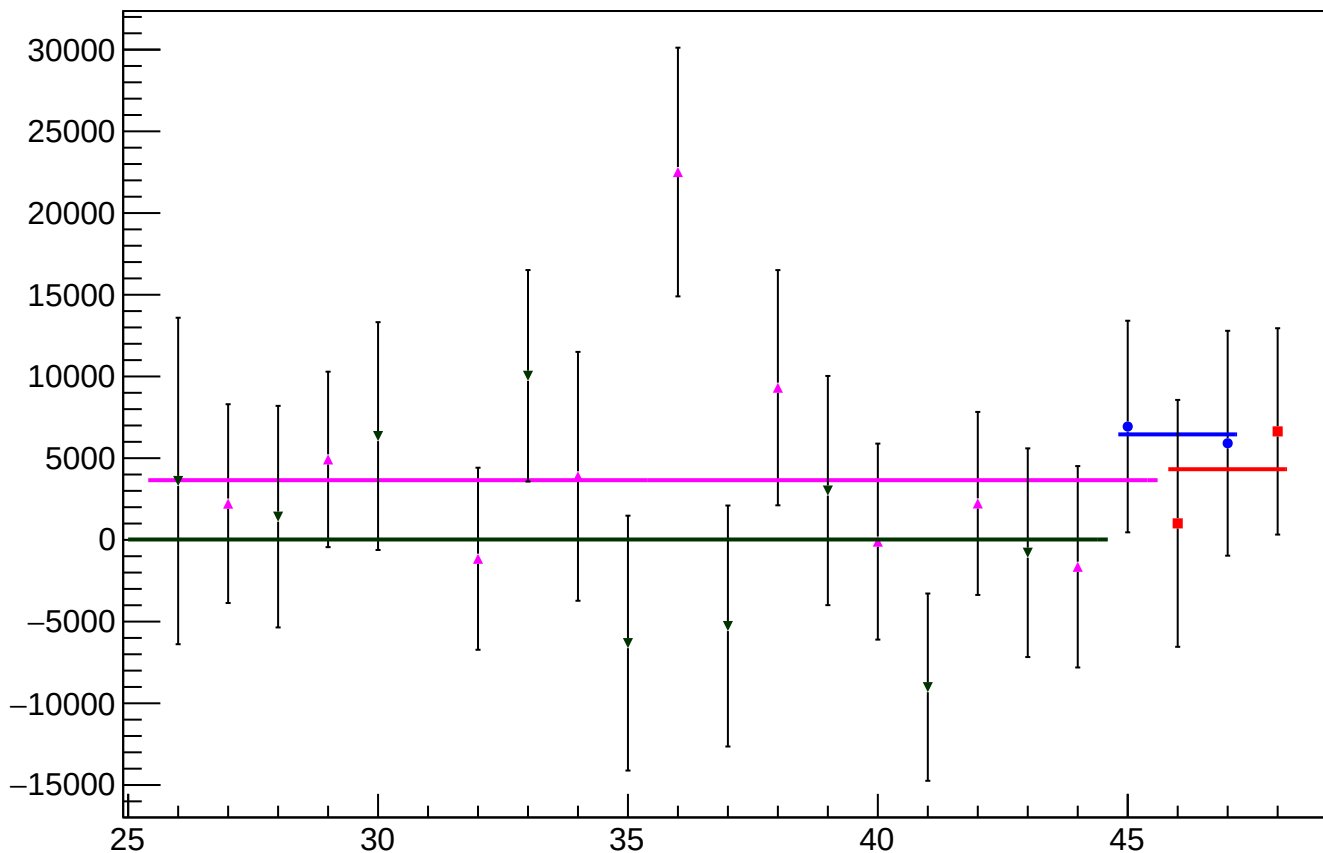
Right Out: 1215.135+/-0.925 χ^2/NDF : 1704.0/1

Left In: 1212.638+/-0.362 χ^2/NDF : 59937.7/8

1235.446+/-0.361 χ^2/NDF : 51114.5/10

1212.970+/-0.337 χ^2/NDF : 61648.0/10

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

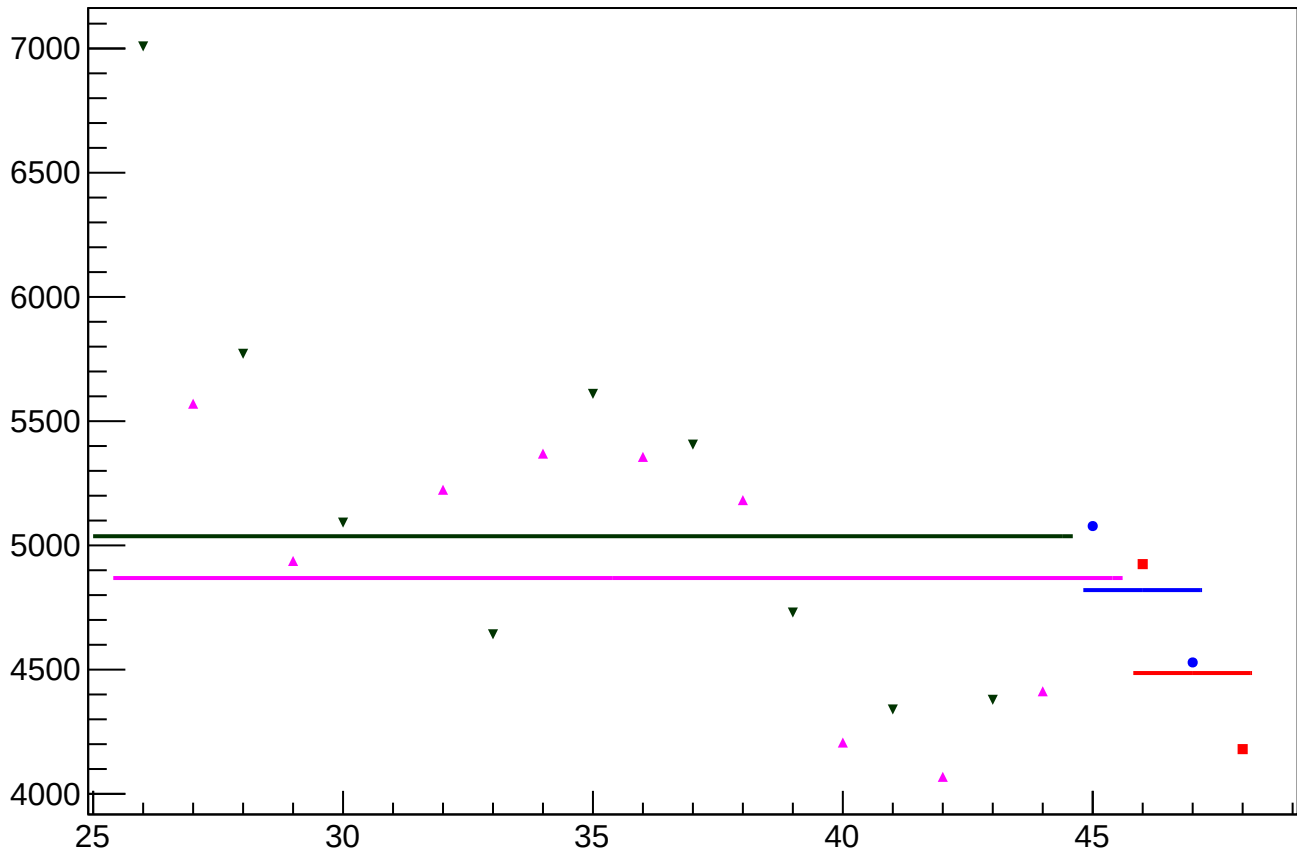
Right Out: 4323.956 $\pm$ 4844.562 χ^2 /NDF: 0.3/1

Left In: 3653.038 $\pm$ 2068.097 χ^2 /NDF:8.8/8

1274.257 $\pm$ 2078.919 χ^2 /NDF: 8.8/10

3756.457 $\pm$ 1902.036 χ^2 /NDF: 9.2/10

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

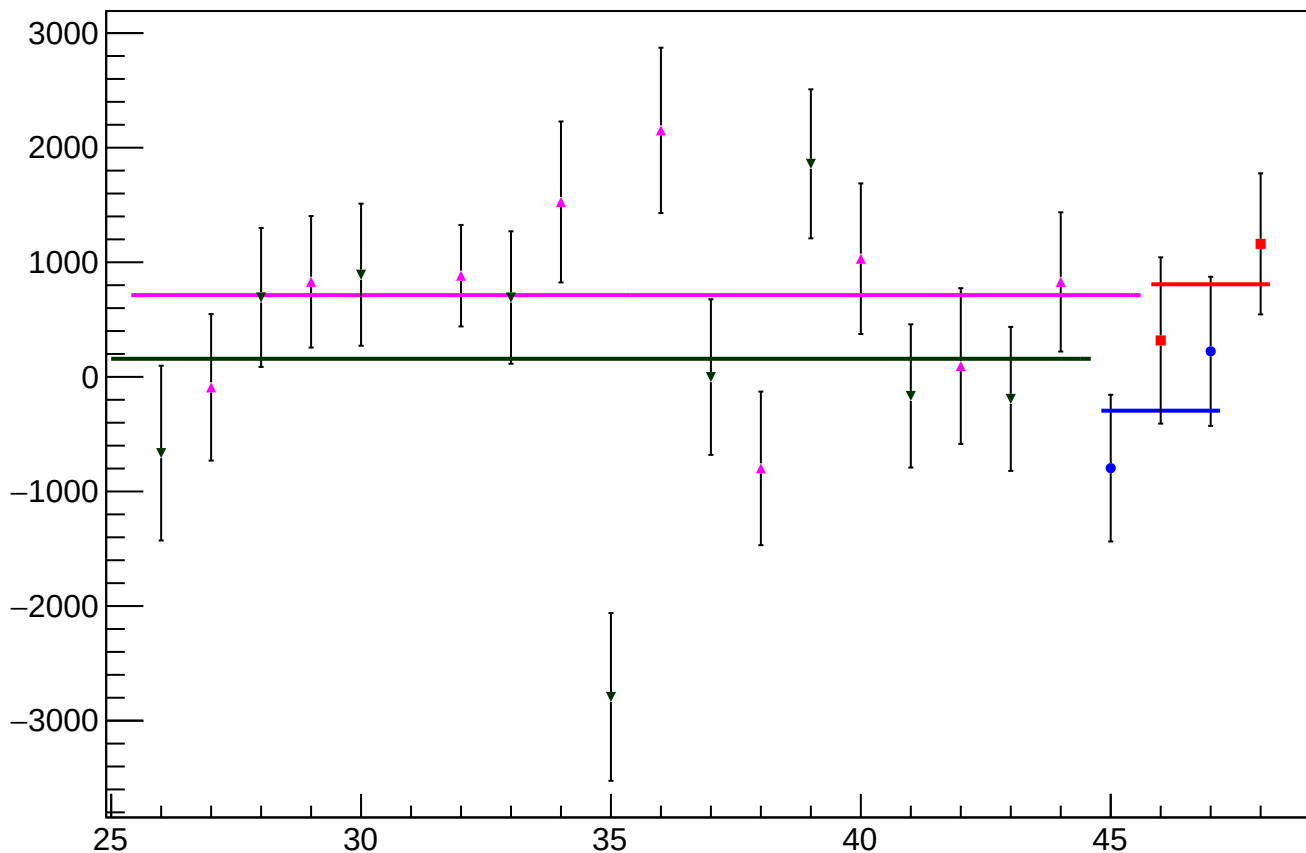
4994.782+/-1.470 χ^2/NDF : 189596.5/10

Right Out: 4486.270+/-3.426 χ^2/NDF : 11440.0/1

4809.703+/-1.345 χ^2/NDF : 153880.4/10

Left In: 4868.644+/-1.462 χ^2/NDF :131901.5/8

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

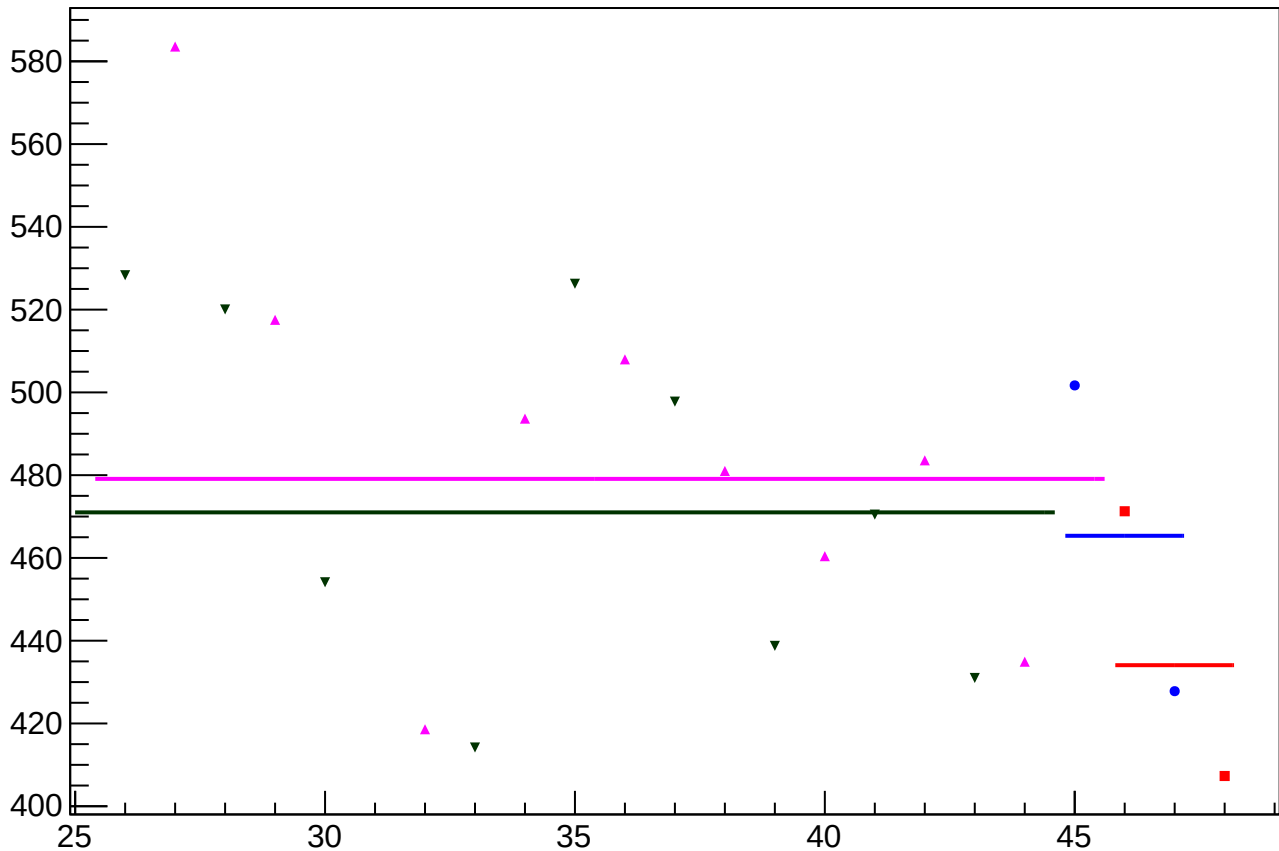
Right Out: 807.935+/-469.379 χ^2/NDF : 0.8/1

Left In: 713.441+/-204.299 χ^2/NDF : 13.3/8

75.287+/-194.858 χ^2/NDF : 30.0/10

728.491+/-187.324 χ^2/NDF : 14.1/10

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

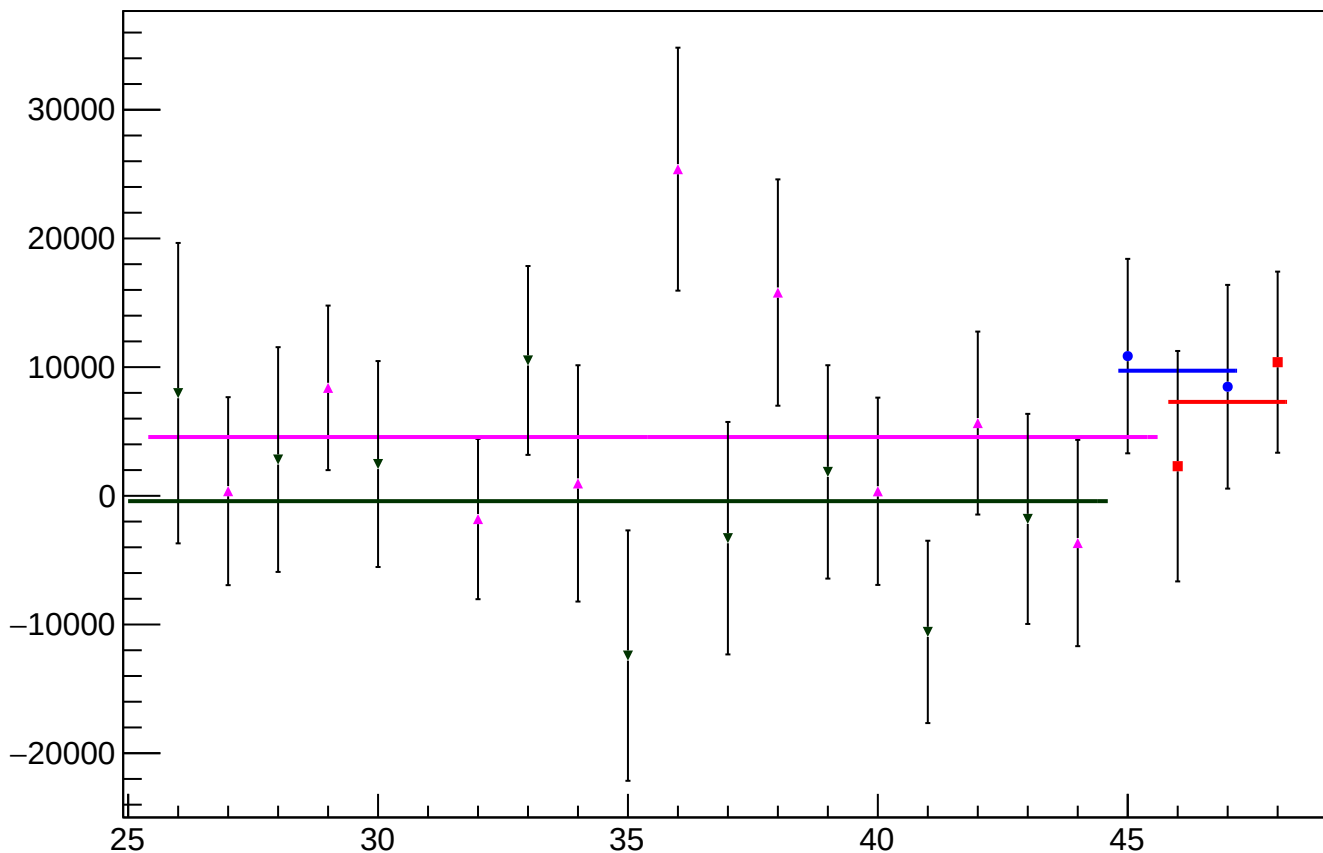
Right Out: 434.083+/-0.332 χ^2/NDF : 9041.0/1

Left In: 479.100+/-0.144 χ^2/NDF : 116130.5/8

469.976+/-0.138 χ^2/NDF : 86101.4/10

471.930+/-0.132 χ^2/NDF : 140638.2/10

asym_sam_37_dd_correction_mean vs slug



Right In: 9722.516 $\pm$ 5465.243 χ^2 /NDF: 0.0/1

Left Out: -413.785 $\pm$ 2806.714 χ^2 /NDF:6.8/8

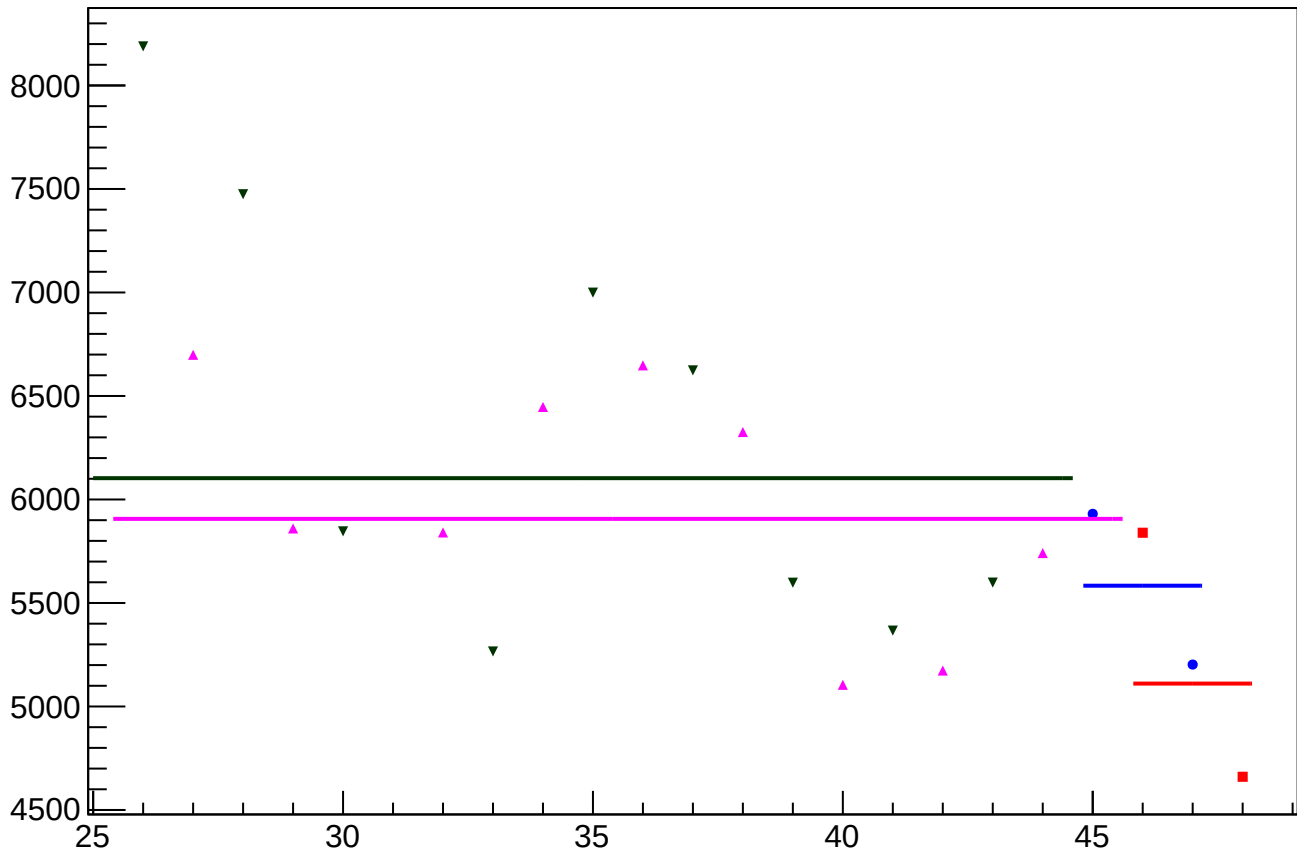
Right Out: 7298.999 $\pm$ 5532.939 χ^2 /NDF: 0.5/1

Left In: 4568.925 $\pm$ 2506.004 χ^2 /NDF:9.8/8

1701.645 $\pm$ 2496.716 χ^2 /NDF: 9.6/10

5033.642 $\pm$ 2282.774 χ^2 /NDF: 10.5/10

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

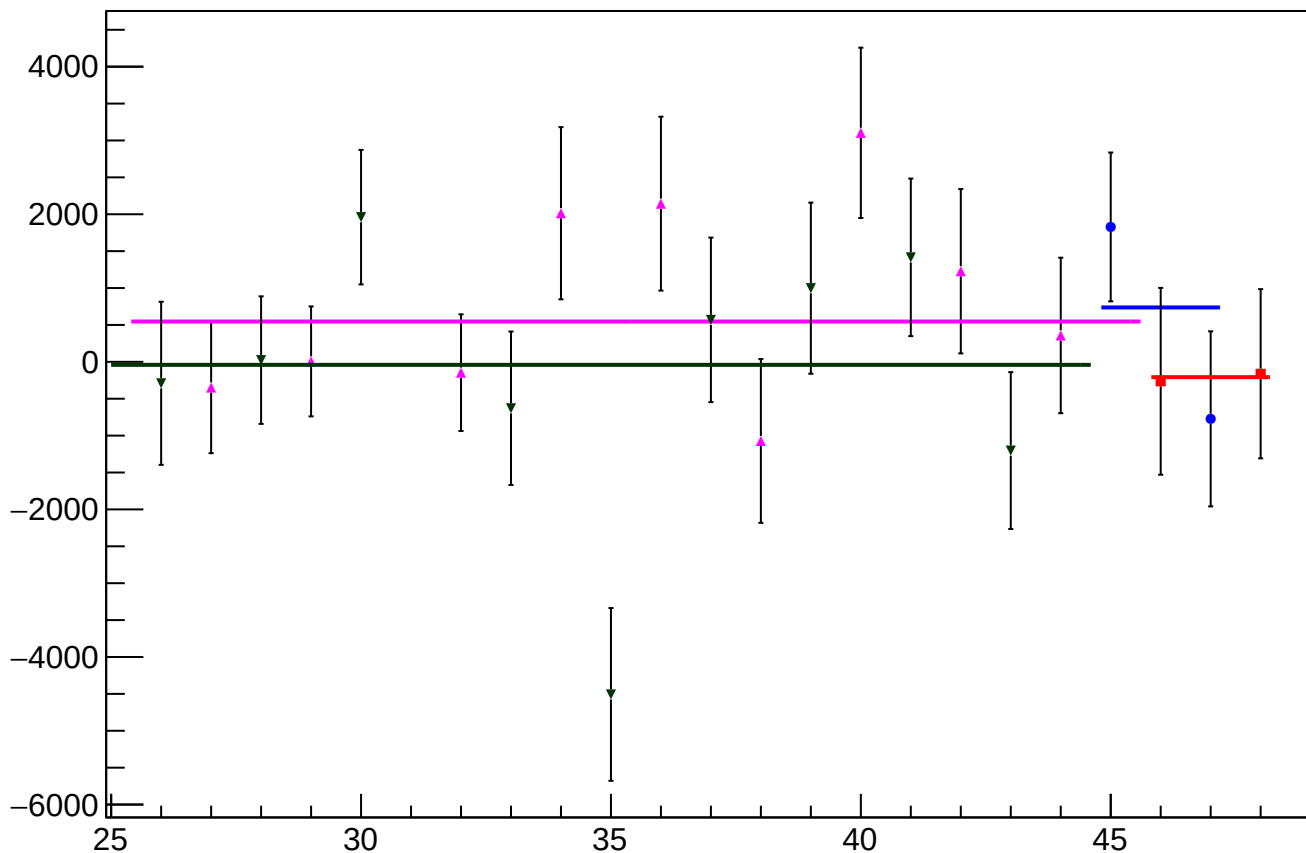
Right Out: 5110.622 ± 3.912 χ^2/NDF : 21431.6/1

Left In: 5906.291 ± 1.772 χ^2/NDF : 94067.8/8

5994.528 ± 1.765 χ^2/NDF : 224749.7/10

5770.851 ± 1.614 χ^2/NDF : 149819.2/10

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

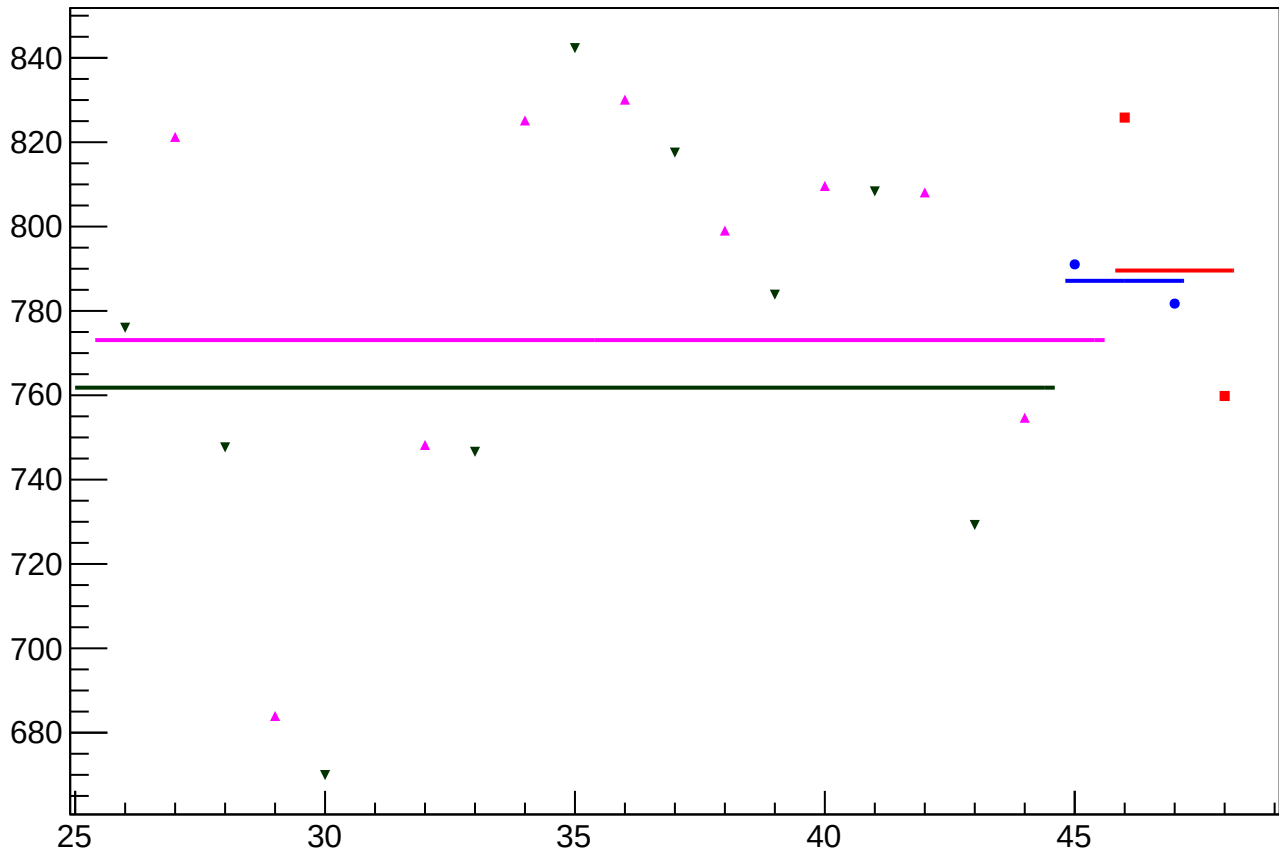
Right Out: -207.726 $\pm$ 849.871 χ^2 /NDF: 0.0/1

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF:13.2/8

90.527 $\pm$ 315.938 χ^2 /NDF: 27.6/10

449.596 $\pm$ 304.679 χ^2 /NDF: 13.9/10

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

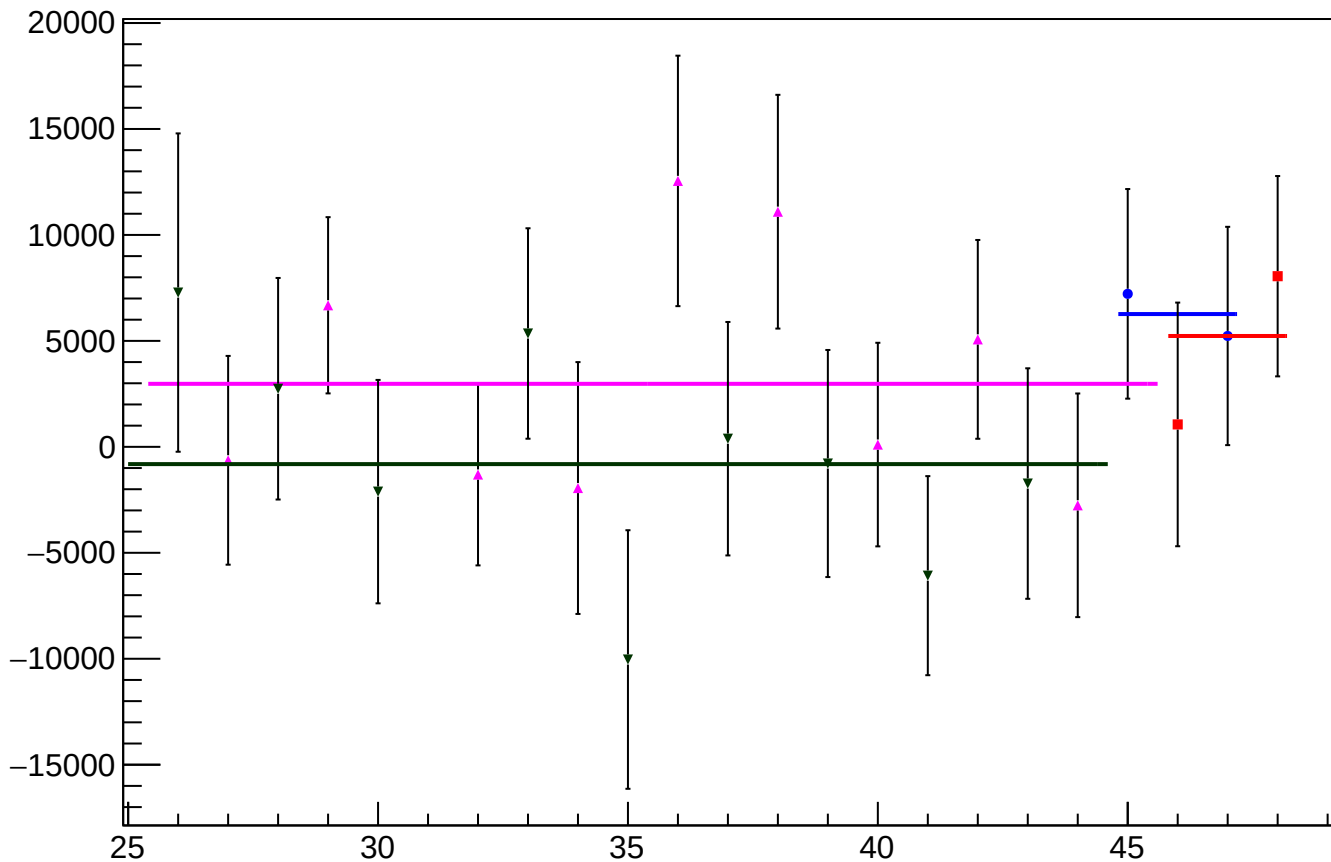
Right Out: 789.576 ± 0.601 χ^2/NDF : 2986.7/1

Left In: 773.088 ± 0.231 χ^2/NDF : 50809.2/8

766.087 ± 0.223 χ^2/NDF : 44342.6/10

775.207 ± 0.215 χ^2/NDF : 54452.0/10

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

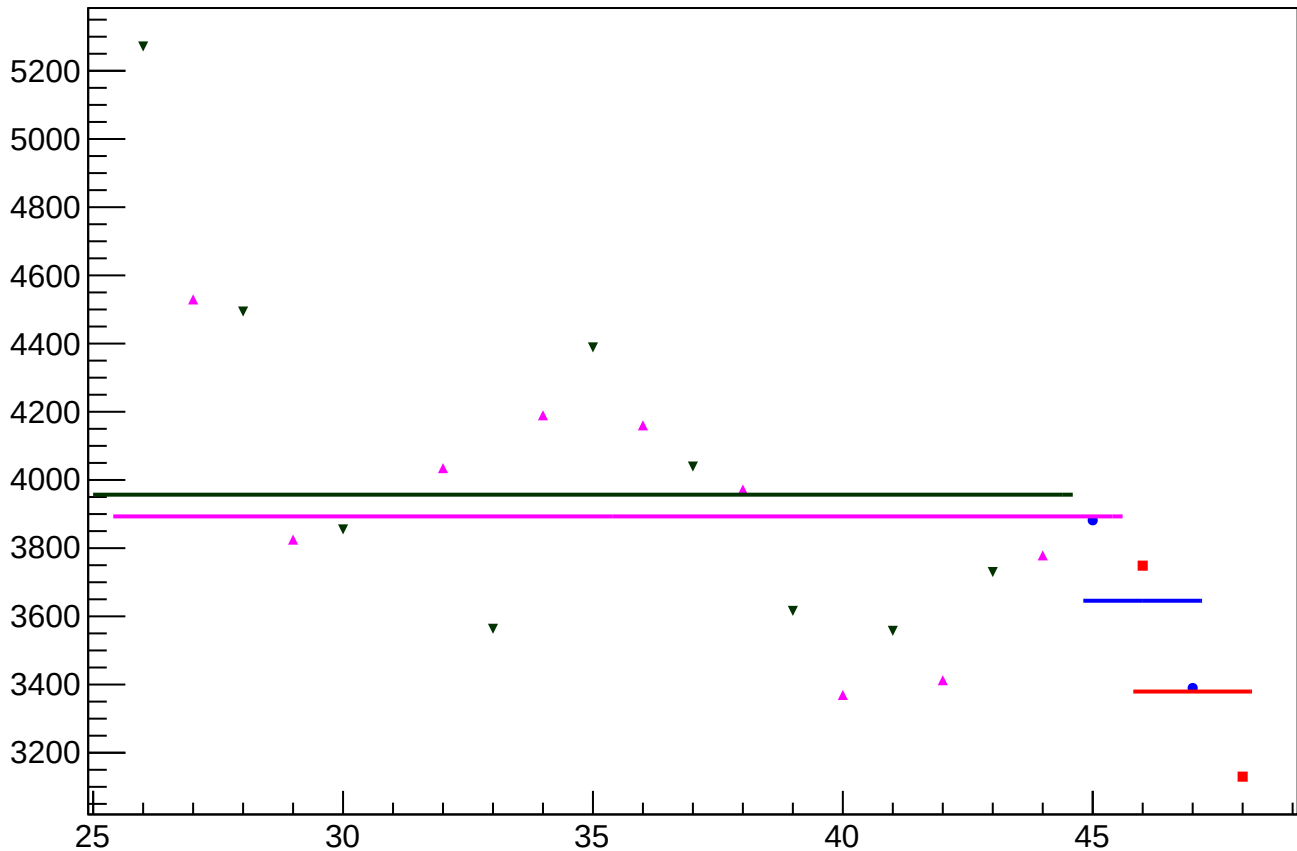
Right Out: 5231.368+/-3651.048 χ^2/NDF : 0.9/1

Left In: 2973.562+/-1648.529 χ^2/NDF : 9.5/8

636.976+/-1615.387 χ^2/NDF : 10.1/10

3355.914+/-1502.472 χ^2/NDF : 10.7/10

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

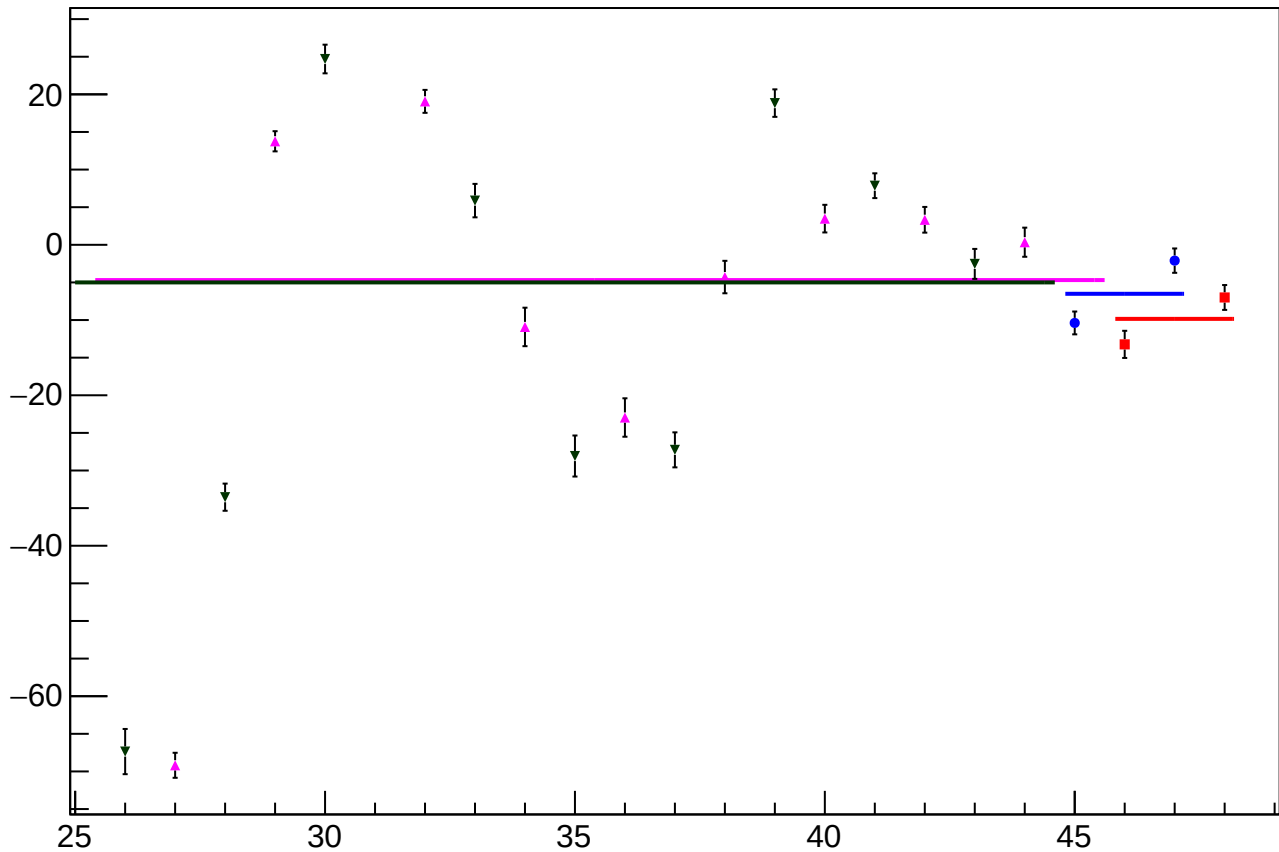
Right Out: 3379.468 ± 2.582 χ^2/NDF : 13827.6/1

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.6/8

3893.089 ± 1.142 χ^2/NDF : 153738.3/10

3806.158 ± 1.062 χ^2/NDF : 137959.3/10

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

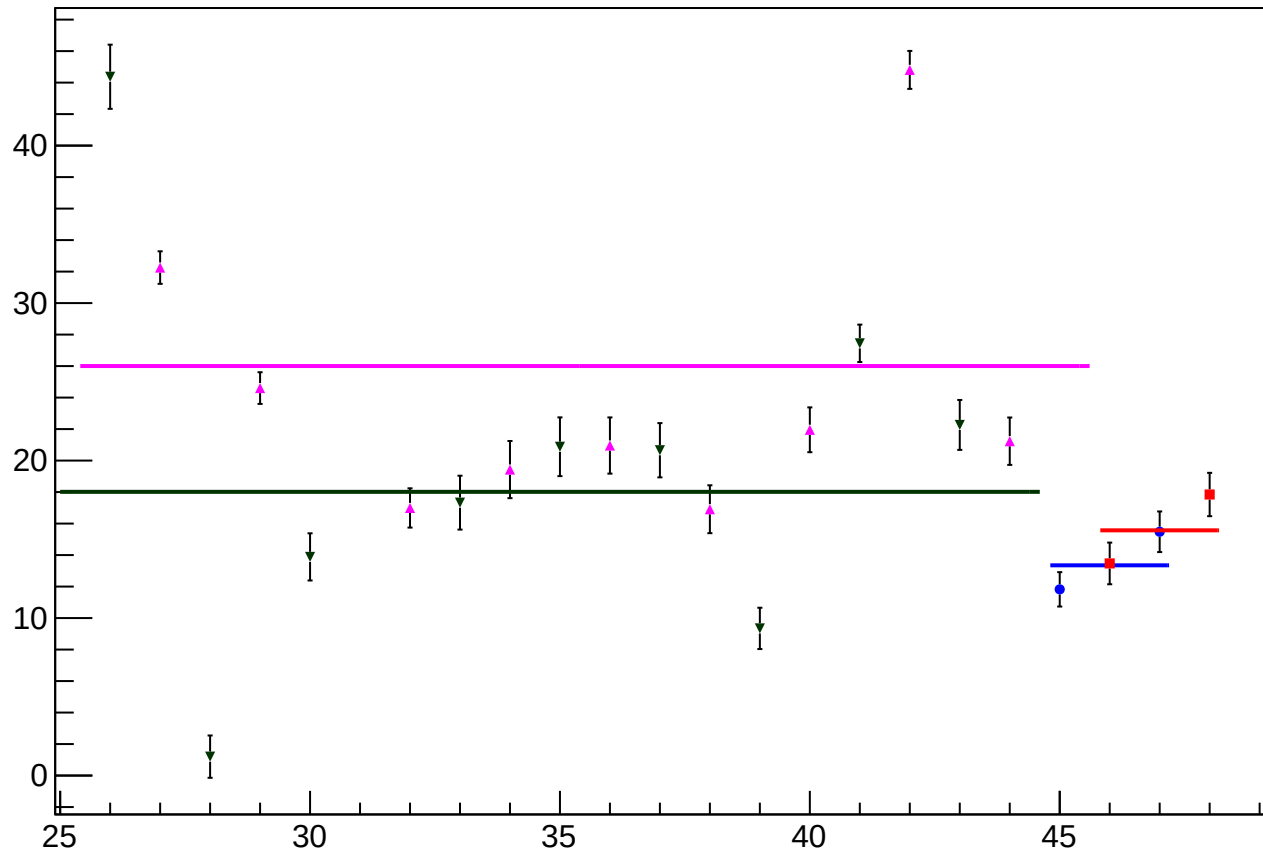
-5.417+/-0.582 χ^2/NDF : 1358.3/10

Right Out: -9.845+/-1.219 χ^2/NDF : 6.5/1

-5.694+/-0.539 χ^2/NDF : 2063.1/10

Left In: -4.688+/-0.600 χ^2/NDF :2042.2/8

reg_asym_atr1_diff_bpm4aY_slope vs slug

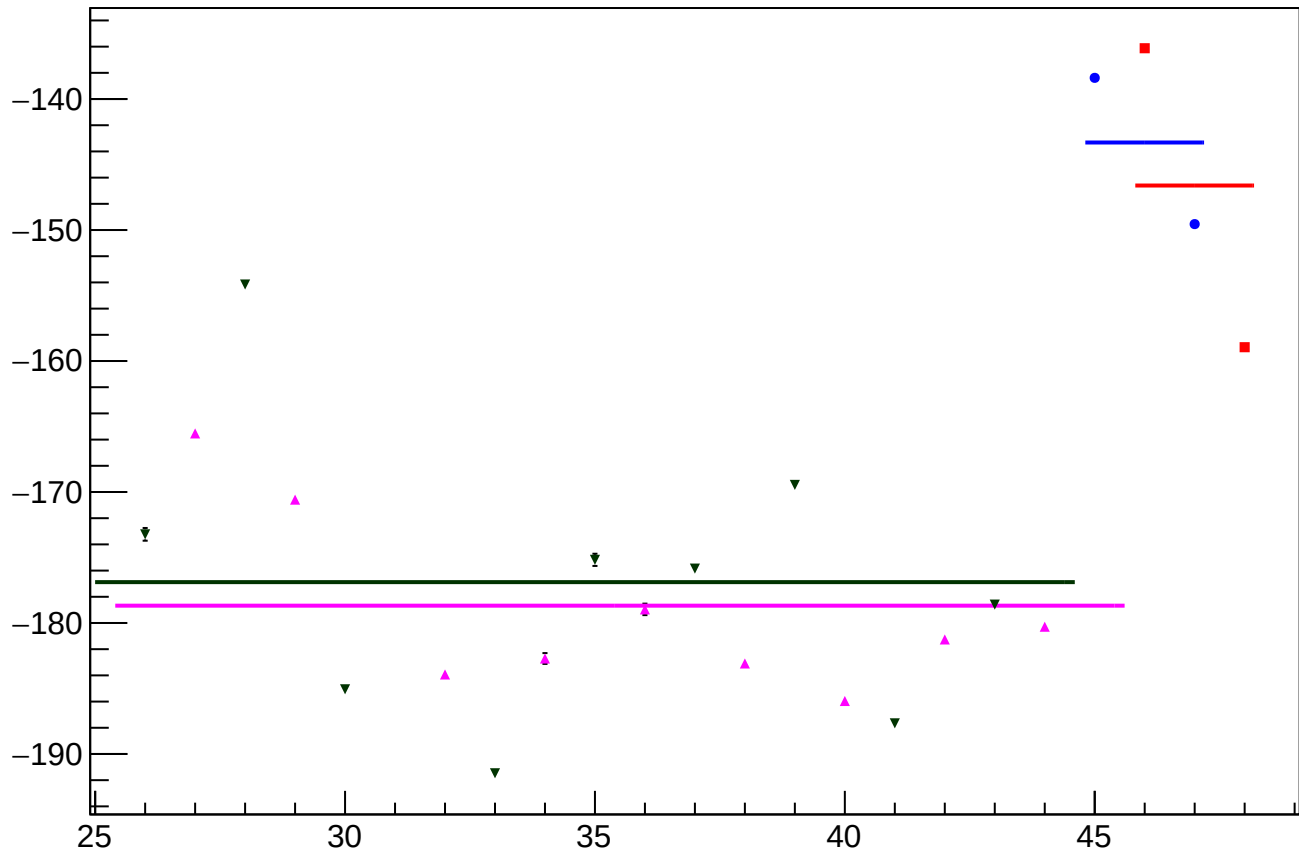


Right In: 13.349 ± 0.833 $\chi^2/\text{NDF}: 4.7/1$
 Left Out: 18.015 ± 0.507 $\chi^2/\text{NDF}: 450.4/8$
 Right Out: 15.570 ± 0.954 $\chi^2/\text{NDF}: 5.3/1$
 Left In: 26.003 ± 0.437 $\chi^2/\text{NDF}: 409.3/8$

16.756 ± 0.433 $\chi^2/\text{NDF}: 478.0/10$

24.194 ± 0.397 $\chi^2/\text{NDF}: 513.5/10$

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -143.318 $\pm$ 0.181 χ^2/NDF : 939.5/1

Left Out: -176.881 $\pm$ 0.115 χ^2/NDF : 9699.1/8

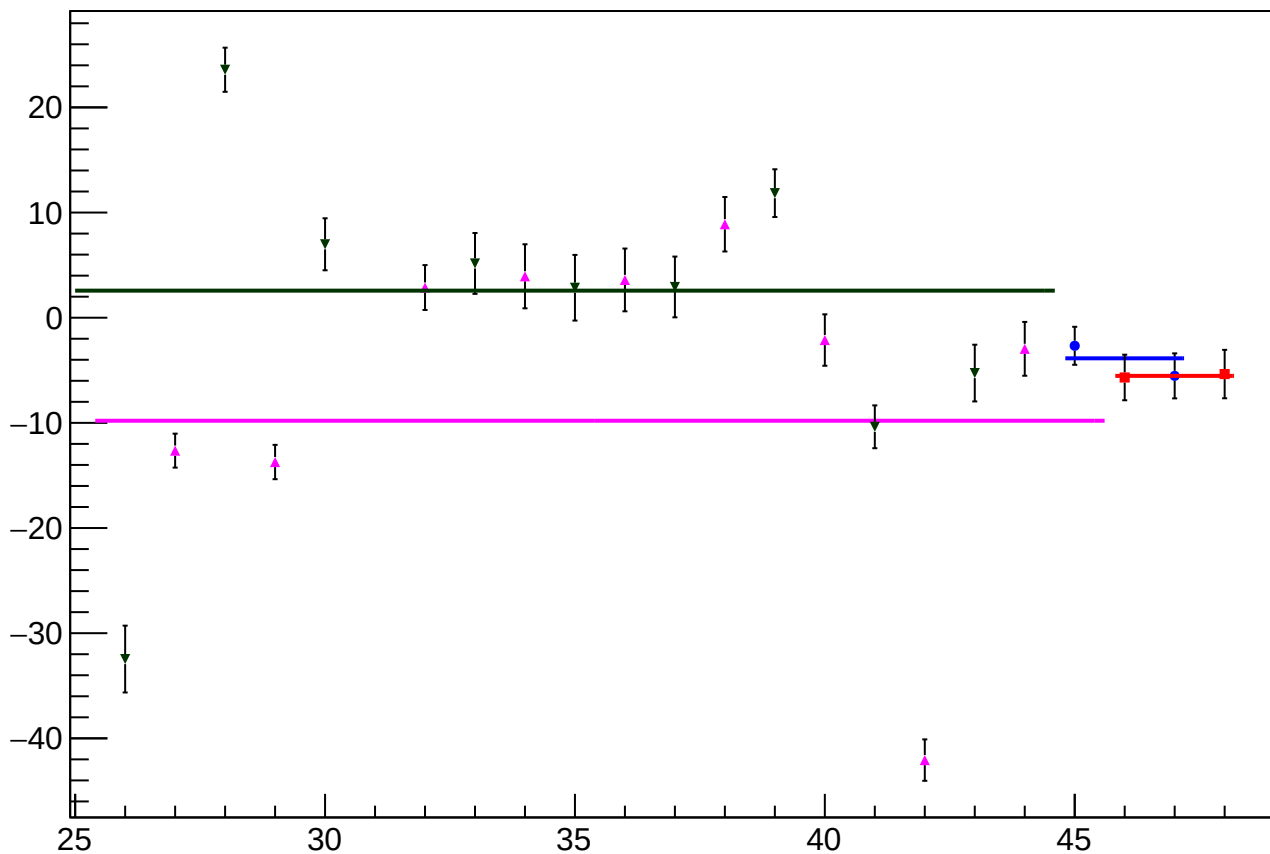
Right Out: -146.602 $\pm$ 0.200 χ^2/NDF : 3226.7/1

Left In: -178.678 $\pm$ 0.104 χ^2/NDF : 4273.5/8

-167.226 $\pm$ 0.097 χ^2/NDF : 35153.8/10

-171.900 $\pm$ 0.092 χ^2/NDF : 27738.6/10

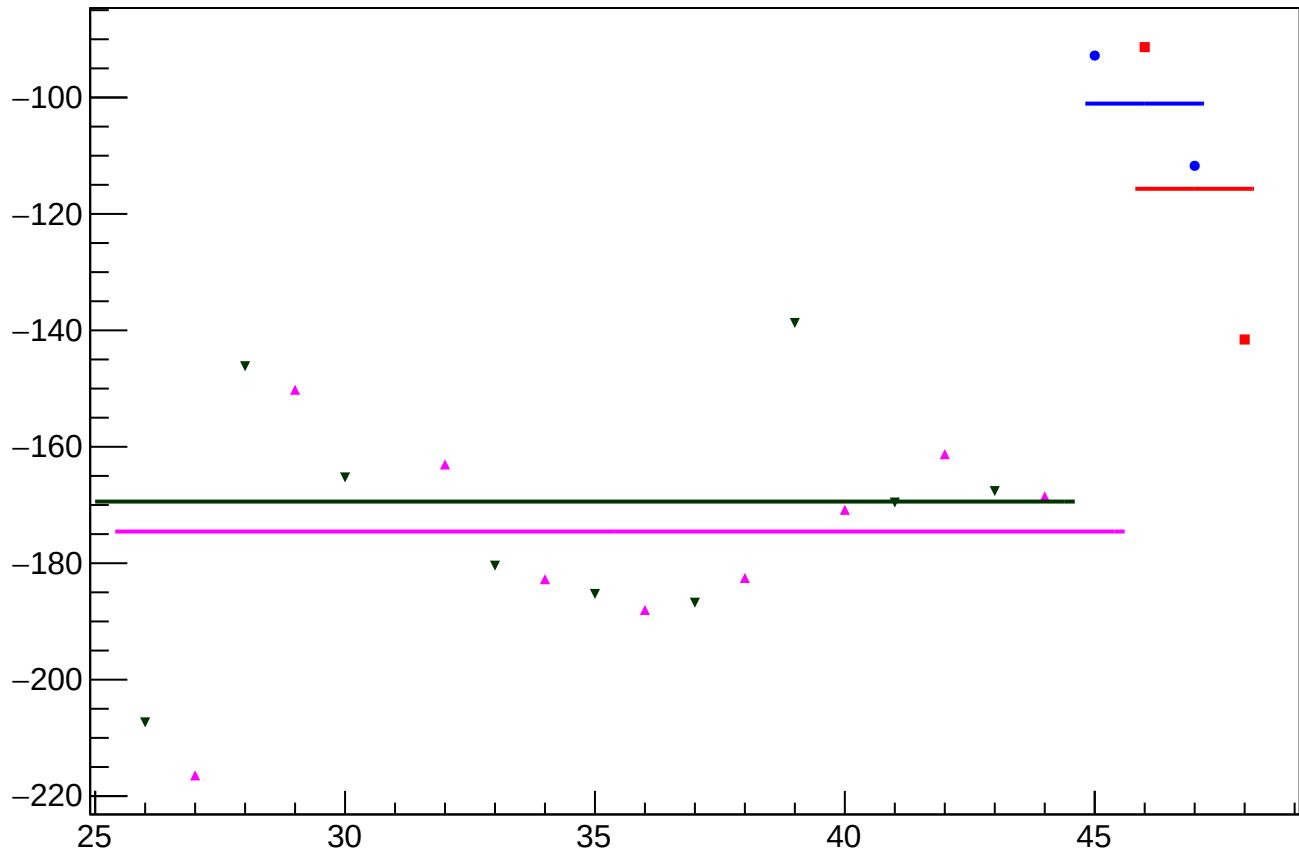
reg_asym_atr1_diff_bpm4eY_slope vs slug



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: -5.531 ± 1.578 $\chi^2/\text{NDF}: 0.0/1$
 Left In: -9.798 ± 0.721 $\chi^2/\text{NDF}: 422.2/8$

0.824 ± 0.720 $\chi^2/\text{NDF}: 308.2/10$
 -9.062 ± 0.656 $\chi^2/\text{NDF}: 428.3/10$

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

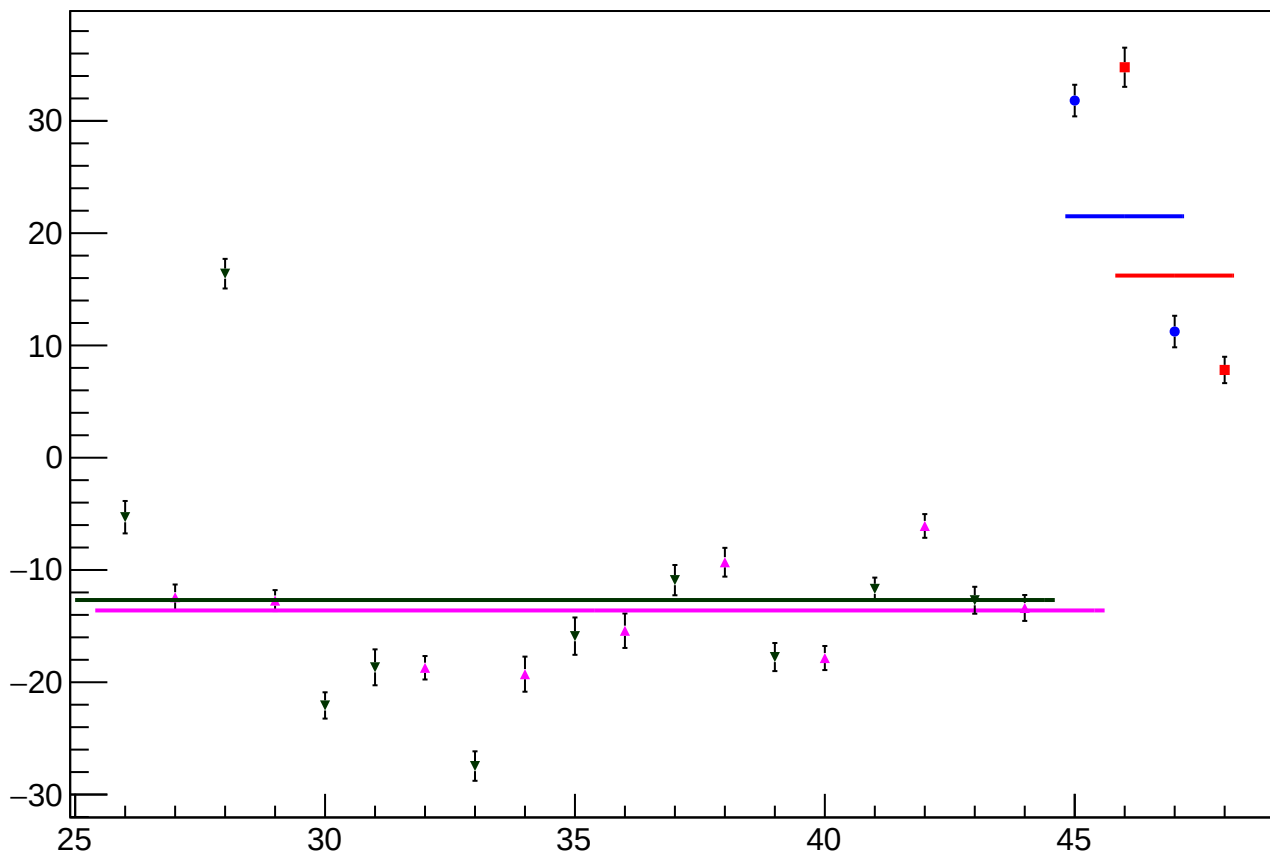
Right Out: -115.679+/-0.305 χ^2/NDF : 6765.8/1

Left In: -174.554+/-0.152 χ^2/NDF : 17338.0/8

-152.635+/-0.135 χ^2/NDF : 65299.1/10

-162.889+/-0.136 χ^2/NDF : 53960.8/10

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 21.504 $\pm$ 0.994 χ^2 /NDF: 107.0/1

Left Out: -12.675 $\pm$ 0.408 χ^2 /NDF: 739.7/9

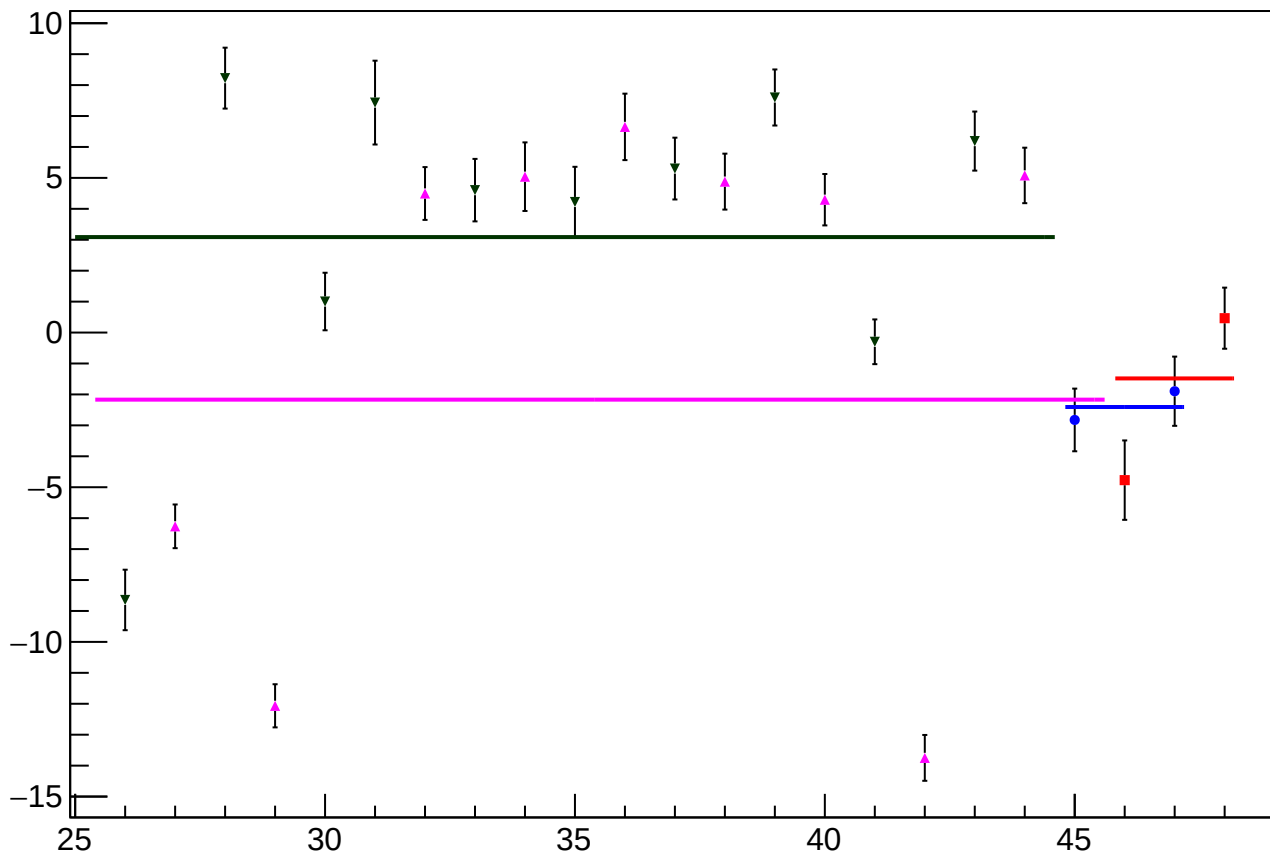
Right Out: 16.223 $\pm$ 0.974 χ^2 /NDF: 164.4/1

Left In: -13.605 $\pm$ 0.383 χ^2 /NDF: 118.1/8

-7.742 $\pm$ 0.378 χ^2 /NDF: 1857.8/11

-9.603 $\pm$ 0.357 χ^2 /NDF: 1094.4/10

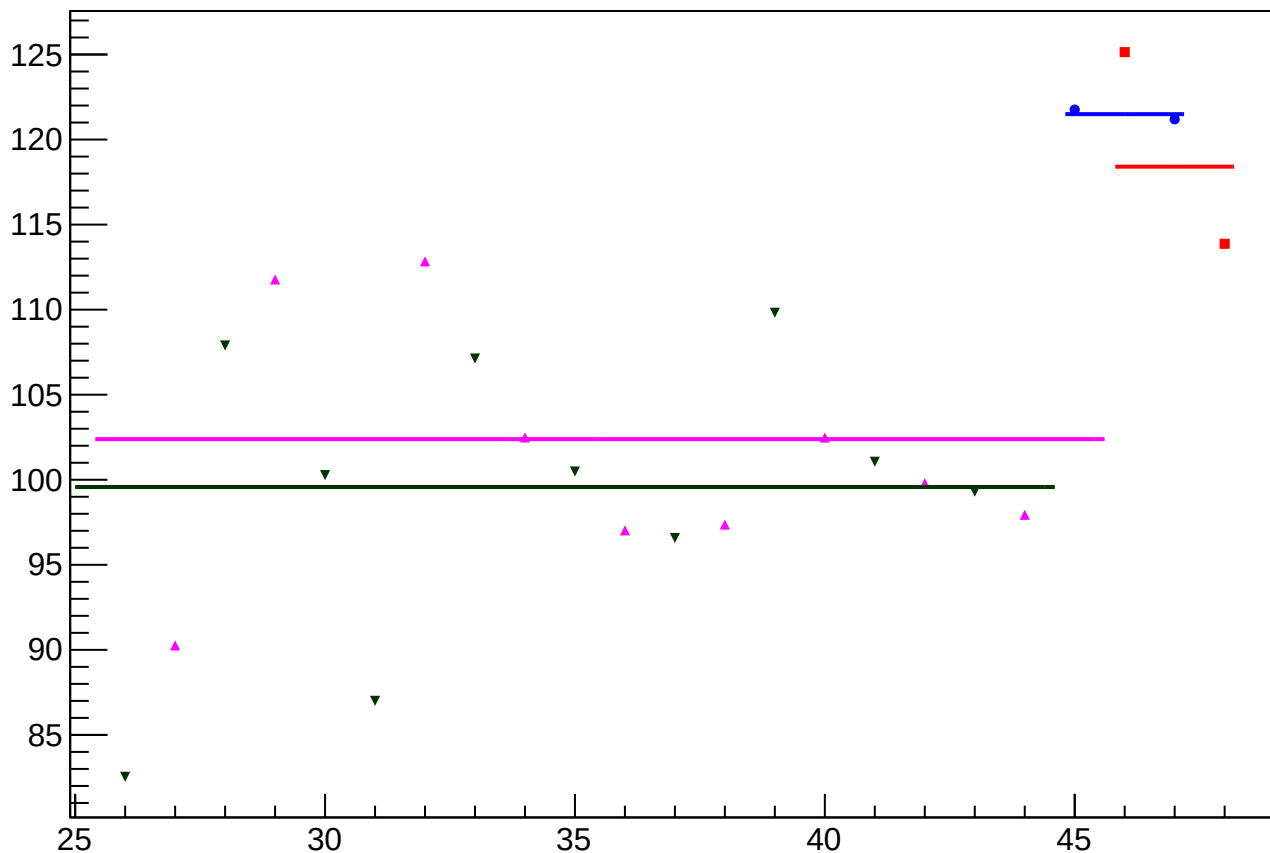
reg_asym_atl1_diff_bpm4aY_slope vs slug



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: -1.483 ± 0.783 χ^2/NDF : 10.5/1
 Left In: -2.169 ± 0.279 χ^2/NDF : 836.6/8

2.309 ± 0.282 χ^2/NDF : 298.2/11
 -2.091 ± 0.263 χ^2/NDF : 847.7/10

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 121.494 $\pm$ 0.162 χ^2/NDF : 3.1/1

Left Out: 99.576 $\pm$ 0.067 χ^2/NDF :14210.5/9

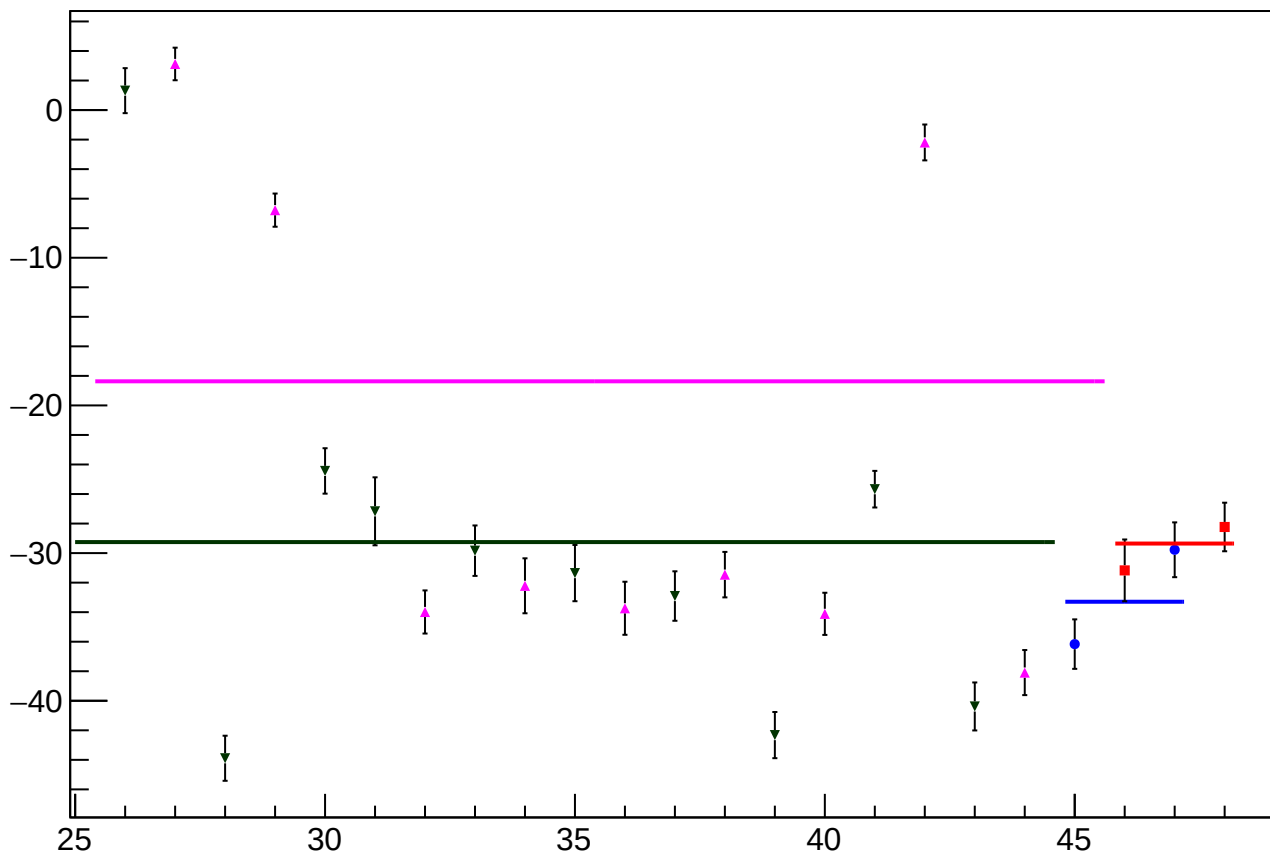
Right Out: 118.406 $\pm$ 0.167 χ^2/NDF : 1091.8/1

Left In: 102.389 $\pm$ 0.066 χ^2/NDF :12190.9/8

102.774 $\pm$ 0.062 χ^2/NDF : 29830.4/11

104.542 $\pm$ 0.061 χ^2/NDF : 21226.7/10

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -33.294+/-1.243 χ^2/NDF : 6.5/1

Left Out: -29.254+/-0.507 χ^2/NDF : 636.3/9

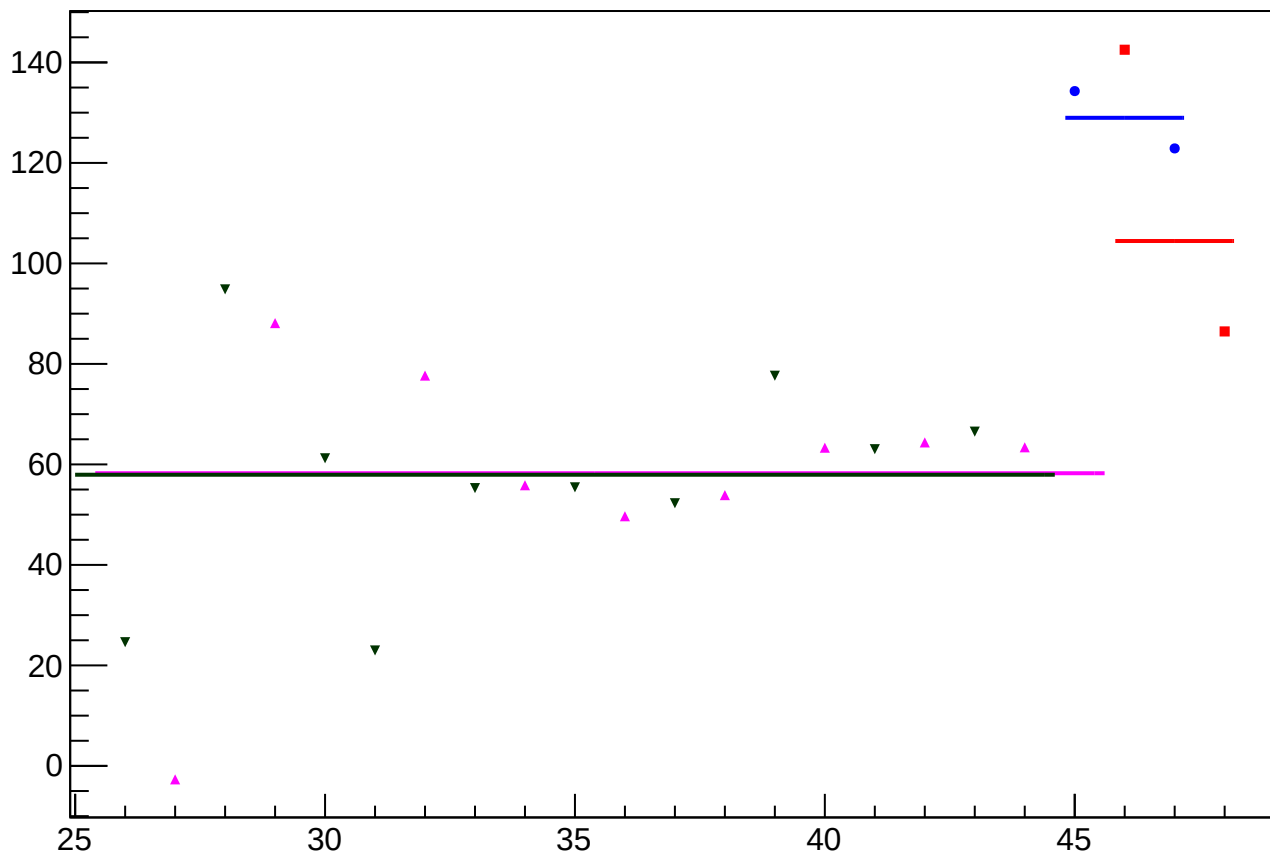
Right Out: -29.353+/-1.293 χ^2/NDF : 1.2/1

Left In: -18.368+/-0.461 χ^2/NDF : 1267.3/8

-29.830+/-0.470 χ^2/NDF : 651.9/11

-19.608+/-0.434 χ^2/NDF : 1332.6/10

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

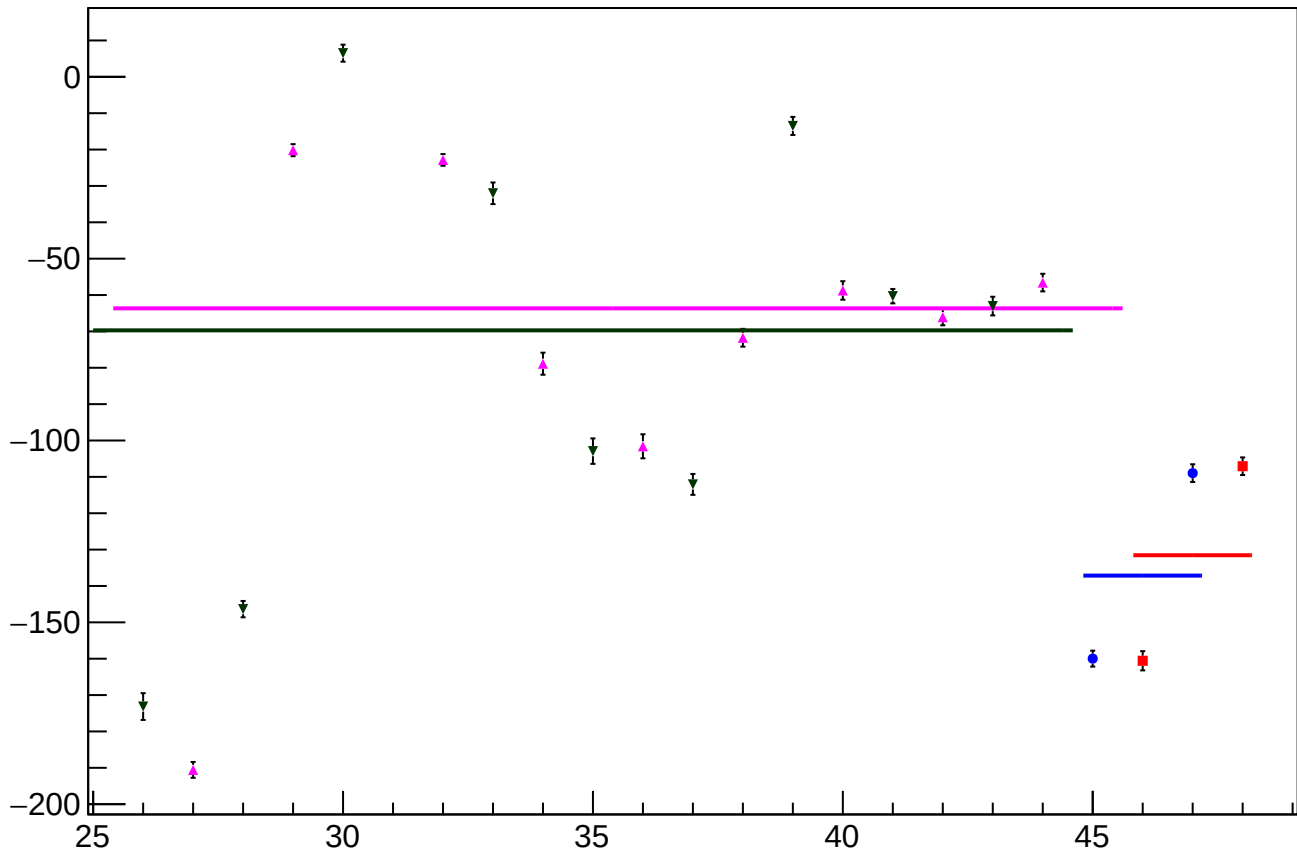
Right Out: 104.459 $\pm$ 0.233 χ^2/NDF : 12647.3/1

Left In: 58.243 $\pm$ 0.096 χ^2/NDF : 65783.5/8

66.753 $\pm$ 0.086 χ^2/NDF : 122993.3/11

64.942 $\pm$ 0.089 χ^2/NDF : 112151.9/10

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

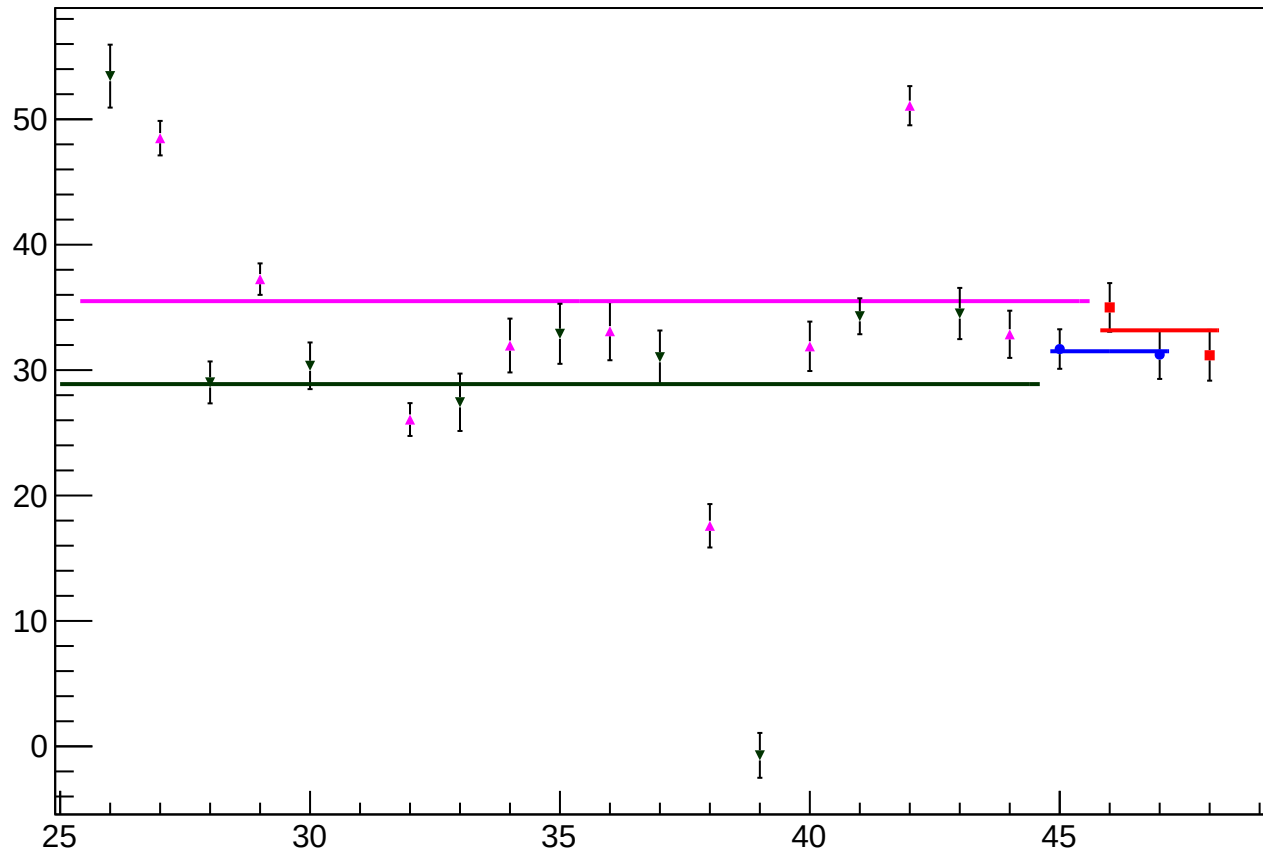
Right Out: -131.547+/-1.786 χ^2/NDF : 222.6/1

Left In: -63.663+/-0.734 χ^2/NDF : 4921.5/8

-84.550+/-0.764 χ^2/NDF : 5599.8/10

-73.464+/-0.679 χ^2/NDF : 6379.9/10

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 31.502 $\pm$ 1.223 χ^2 /NDF: 0.0/1

Left Out: 28.884 $\pm$ 0.641 χ^2 /NDF: 396.4/8

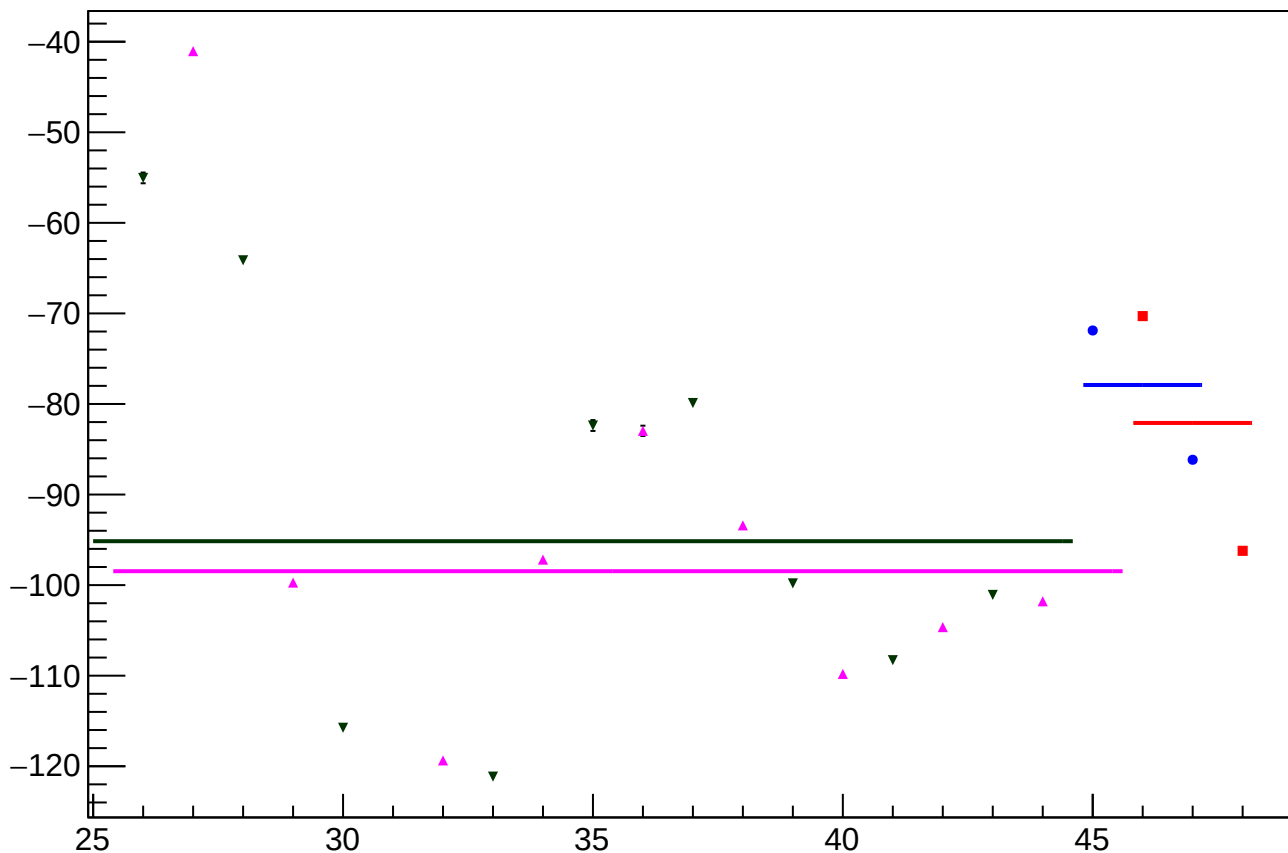
Right Out: 33.171 $\pm$ 1.400 χ^2 /NDF: 1.9/1

Left In: 35.499 $\pm$ 0.540 χ^2 /NDF: 358.9/8

29.448 $\pm$ 0.568 χ^2 /NDF: 400.0/10

35.197 $\pm$ 0.503 χ^2 /NDF: 363.2/10

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -77.902+/-0.265 χ^2/NDF : 705.2/1

Left Out: -95.151+/-0.144 χ^2/NDF : 20300.2/8

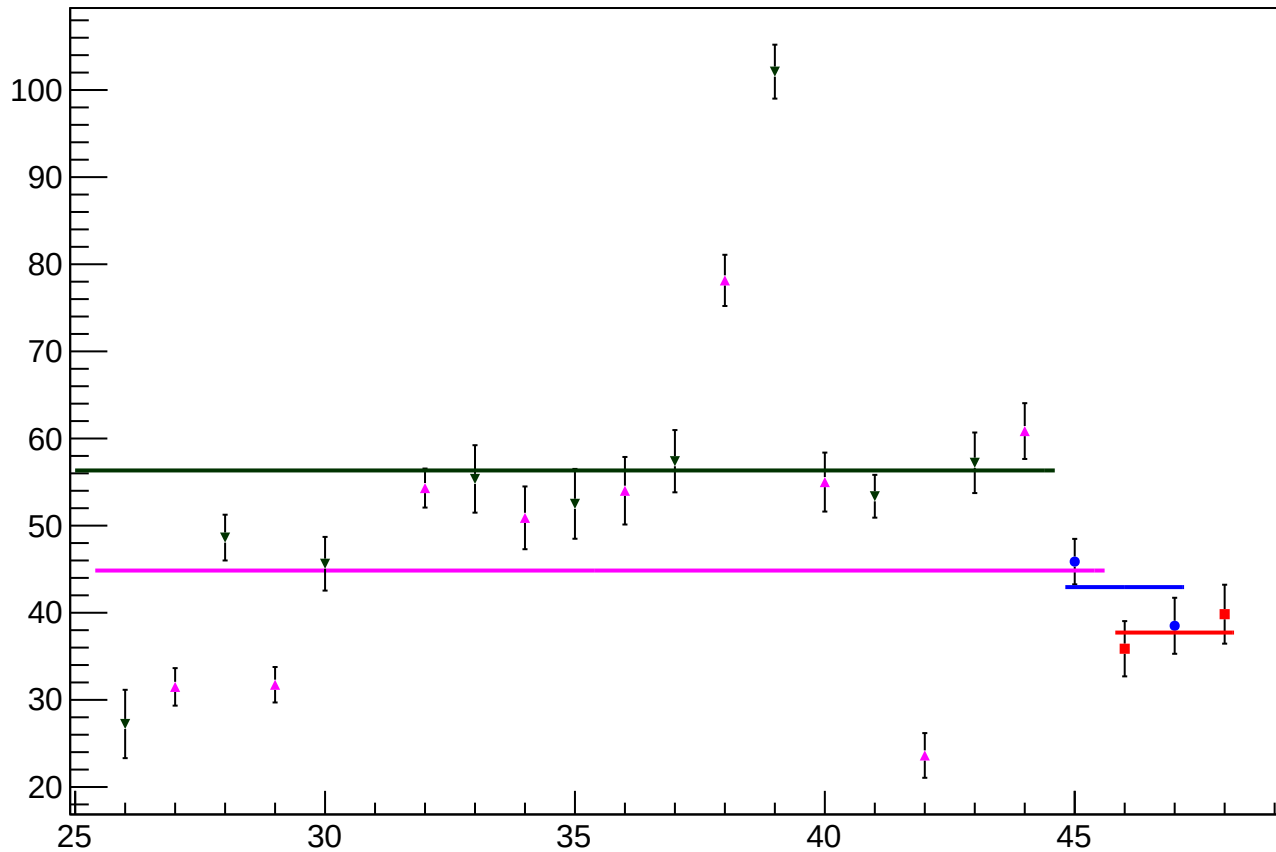
Right Out: -82.095+/-0.294 χ^2/NDF : 1925.3/1

Left In: -98.464+/-0.125 χ^2/NDF : 31724.1/8

-91.219+/-0.127 χ^2/NDF : 24265.8/10

-95.974+/-0.115 χ^2/NDF : 36275.3/10

reg_asym_atr2_diff_bpm4eY_slope vs slug

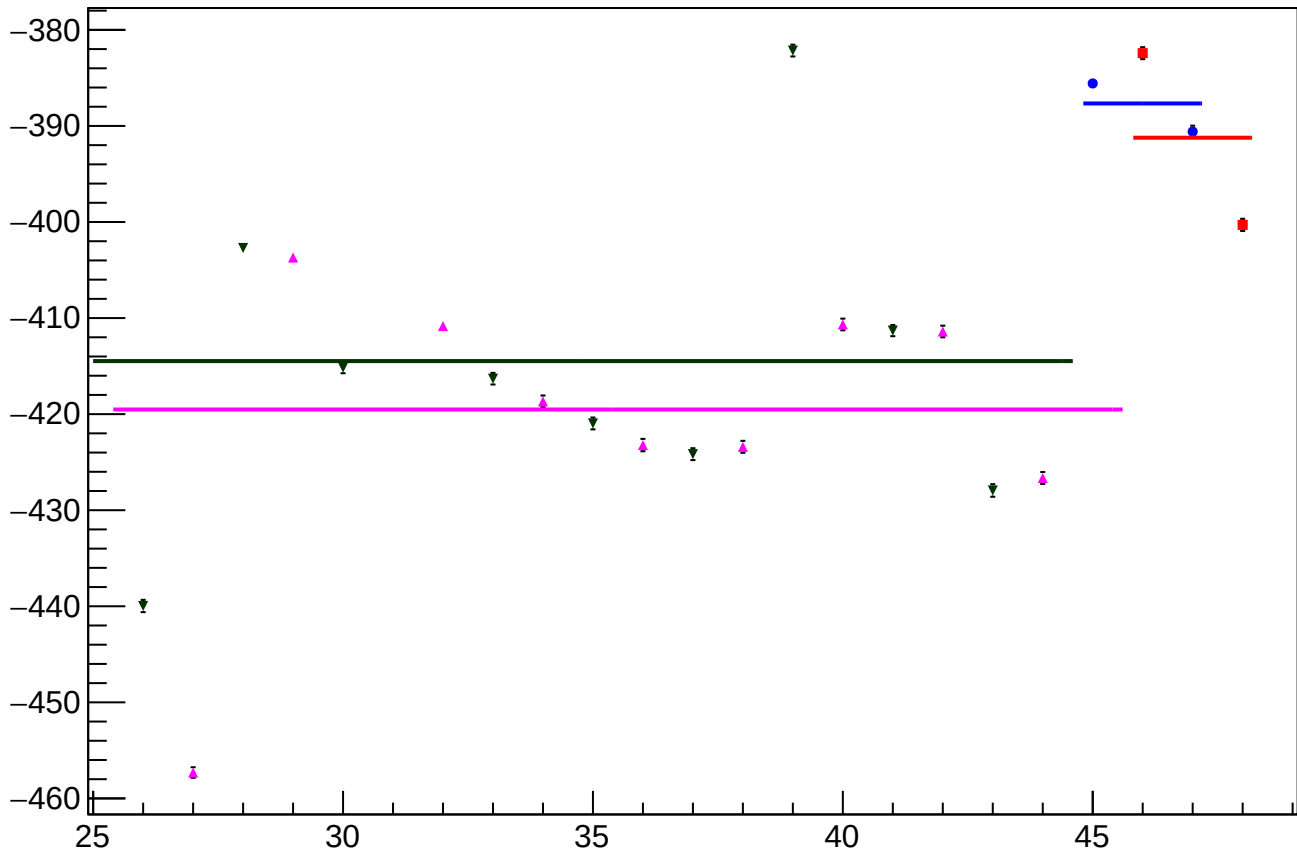


Right In: 42.944 ± 2.026 $\chi^2/\text{NDF}: 3.2/1$
 Left Out: 56.333 ± 1.069 $\chi^2/\text{NDF}: 296.9/8$
 Right Out: 37.726 ± 2.314 $\chi^2/\text{NDF}: 0.7/1$
 Left In: 44.845 ± 0.893 $\chi^2/\text{NDF}: 337.0/8$

53.418 ± 0.945 $\chi^2/\text{NDF}: 334.3/10$

43.921 ± 0.833 $\chi^2/\text{NDF}: 346.0/10$

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

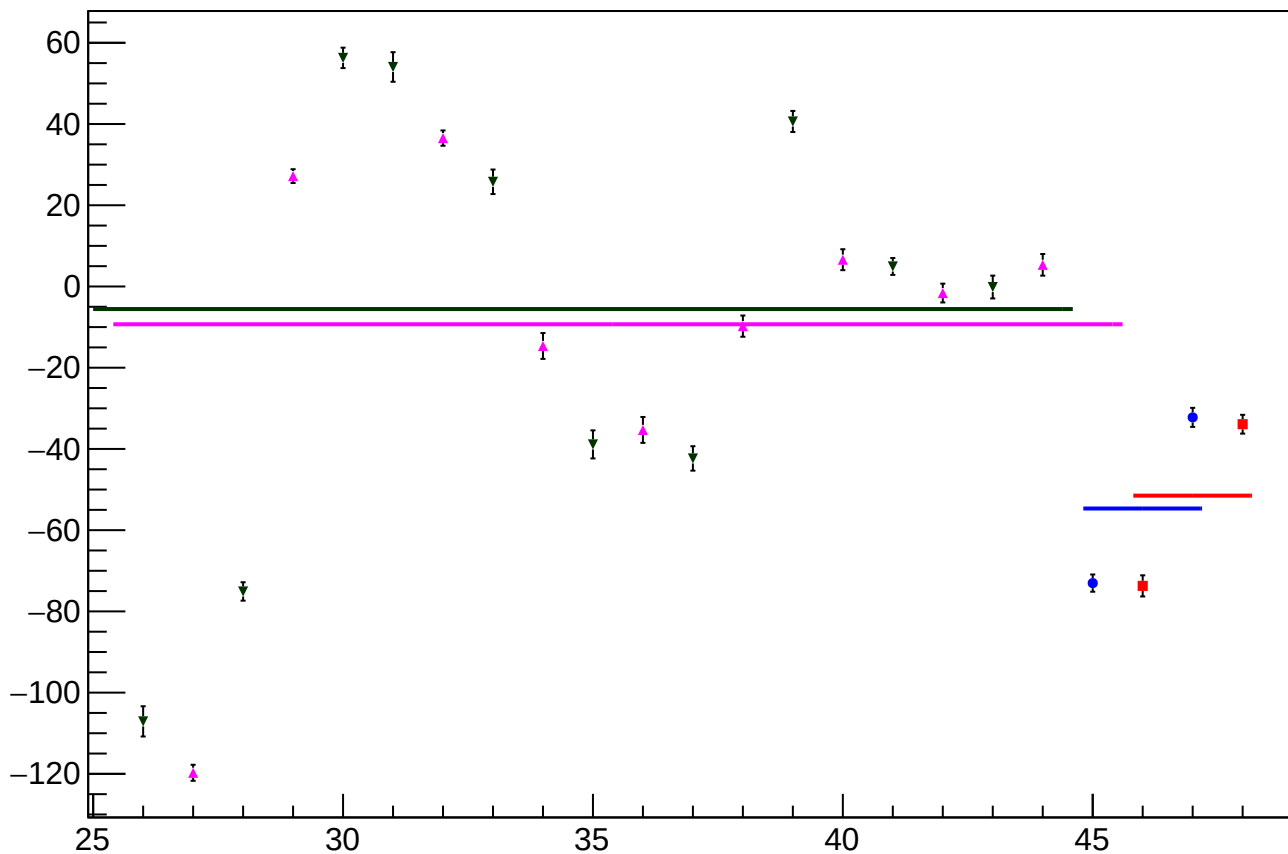
-409.151+/-0.178 χ^2/NDF : 9377.4/10

Right Out: -391.226+/-0.444 χ^2/NDF : 404.6/1

-415.205+/-0.173 χ^2/NDF : 10683.9/10

Left In: -419.518+/-0.188 χ^2/NDF : 6841.3/8

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

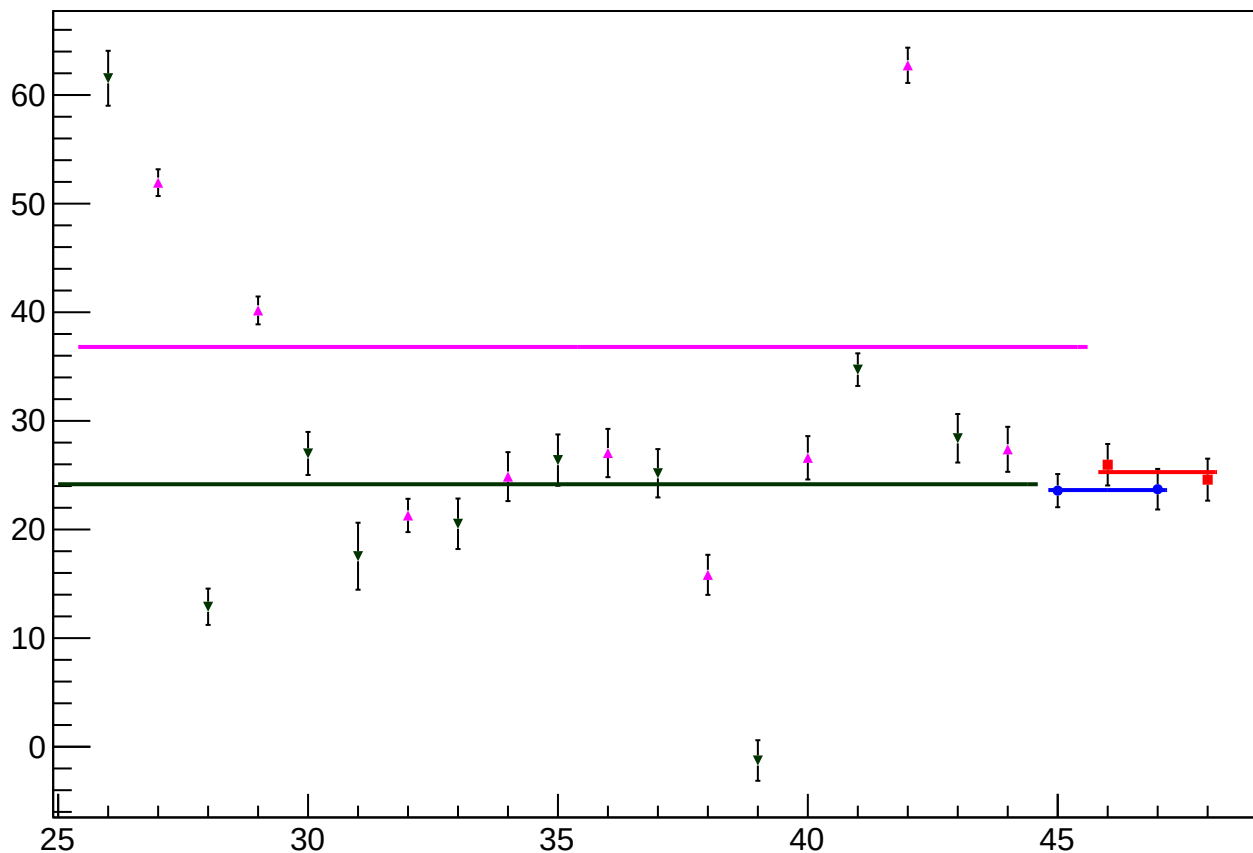
Right Out: -51.498+/-1.729 χ^2/NDF : 130.7/1

Left In: -9.304+/-0.765 χ^2/NDF : 4334.5/8

-17.136+/-0.764 χ^2/NDF : 4160.3/11

-16.212+/-0.700 χ^2/NDF : 4962.9/10

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

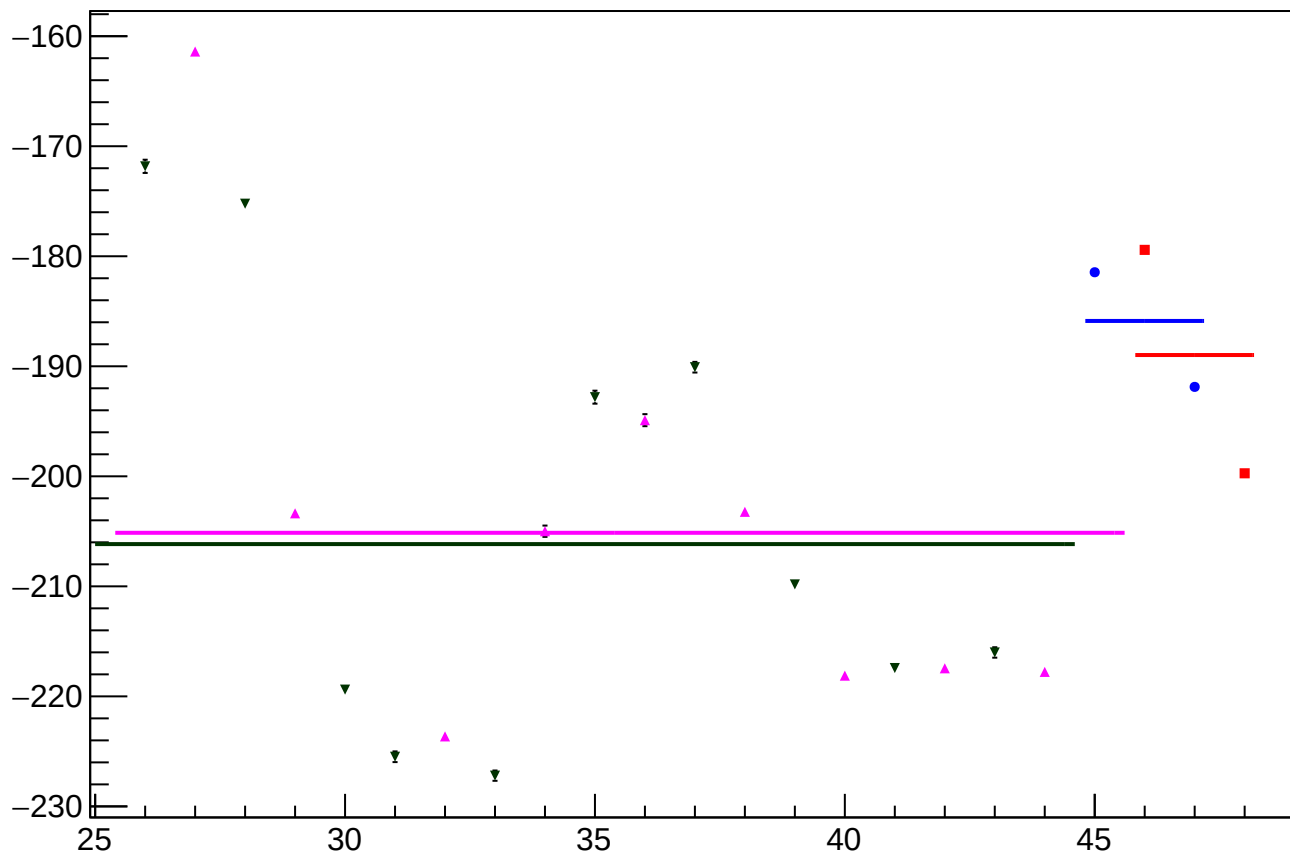
Right Out: 25.284+/-1.359 χ^2/NDF : 0.3/1

Left In: 36.806+/-0.555 χ^2/NDF : 738.7/8

24.043+/-0.569 χ^2/NDF : 512.7/11

35.159+/-0.514 χ^2/NDF : 800.6/10

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

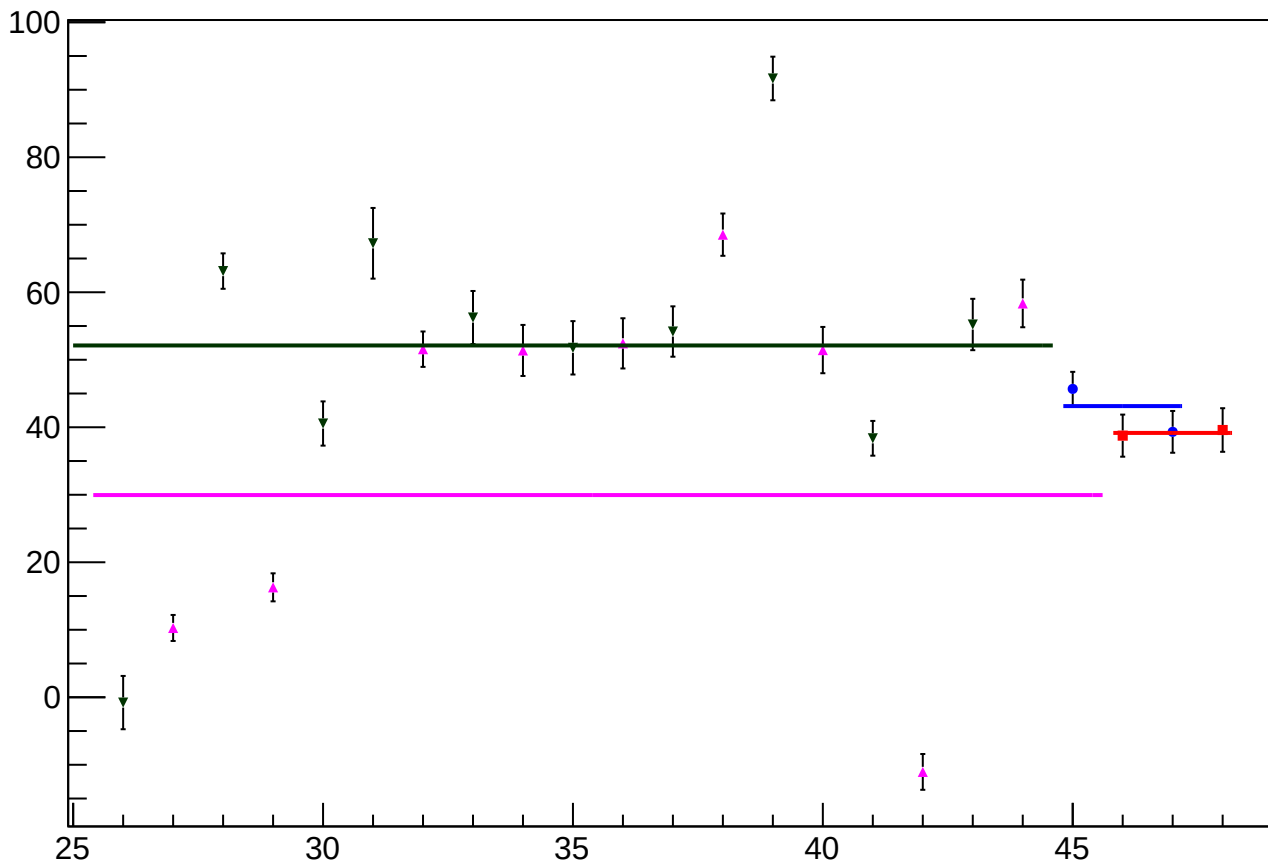
Right Out: -188.977 ± 0.286 χ^2/NDF : 1254.0/1

Left In: -205.134 ± 0.132 χ^2/NDF : 22564.1/8

-201.295 ± 0.126 χ^2/NDF : 22138.5/11

-202.315 ± 0.120 χ^2/NDF : 26448.6/10

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 43.136+/-1.958 χ^2 /NDF: 2.5/1

Left Out: 52.118+/-1.081 χ^2 /NDF:398.5/9

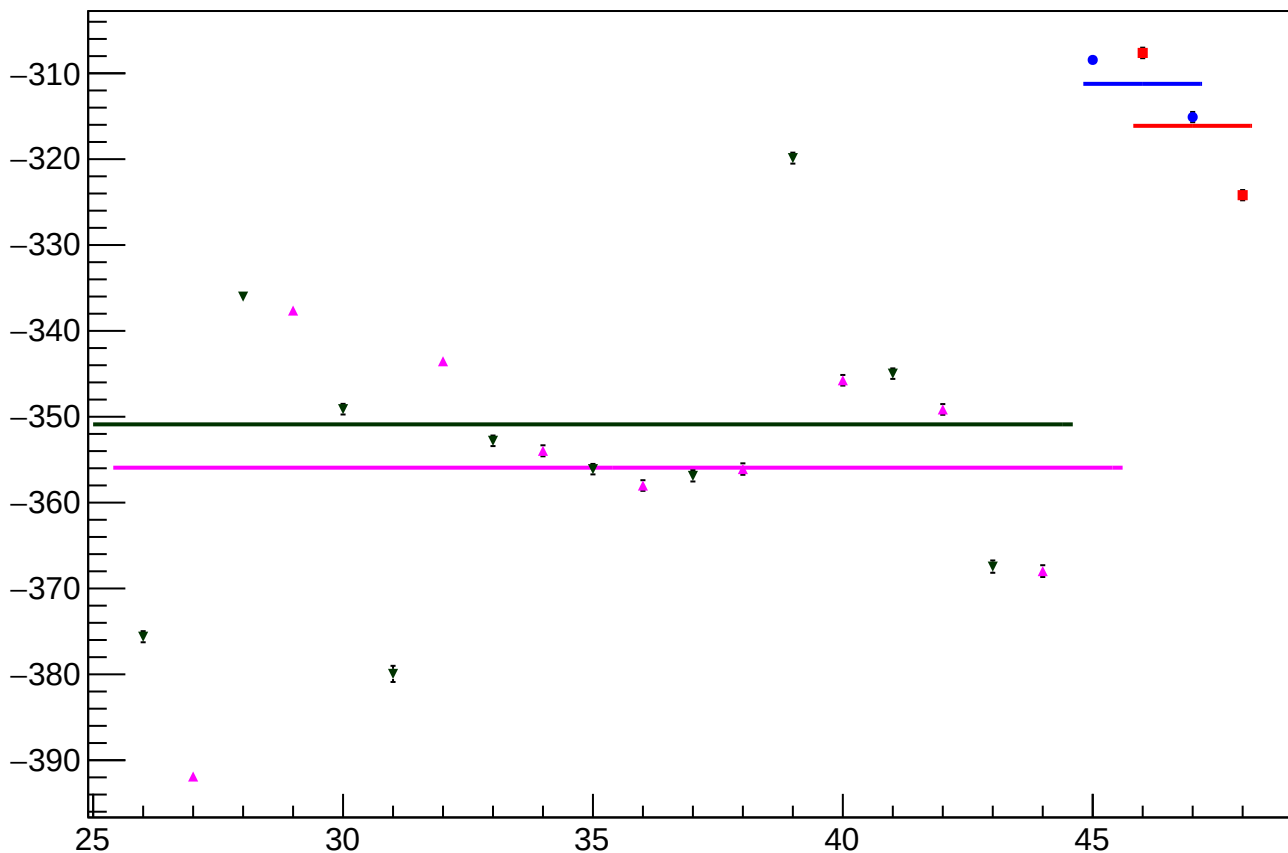
Right Out: 39.161+/-2.243 χ^2 /NDF: 0.0/1

Left In: 29.956+/-0.913 χ^2 /NDF:779.4/8

50.018+/-0.947 χ^2 /NDF: 417.2/11

31.265+/-0.846 χ^2 /NDF: 793.8/10

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -311.229 $\pm$ 0.386 χ^2/NDF : 72.3/1

Left Out: -350.887 $\pm$ 0.200 χ^2/NDF : 6484.7/9

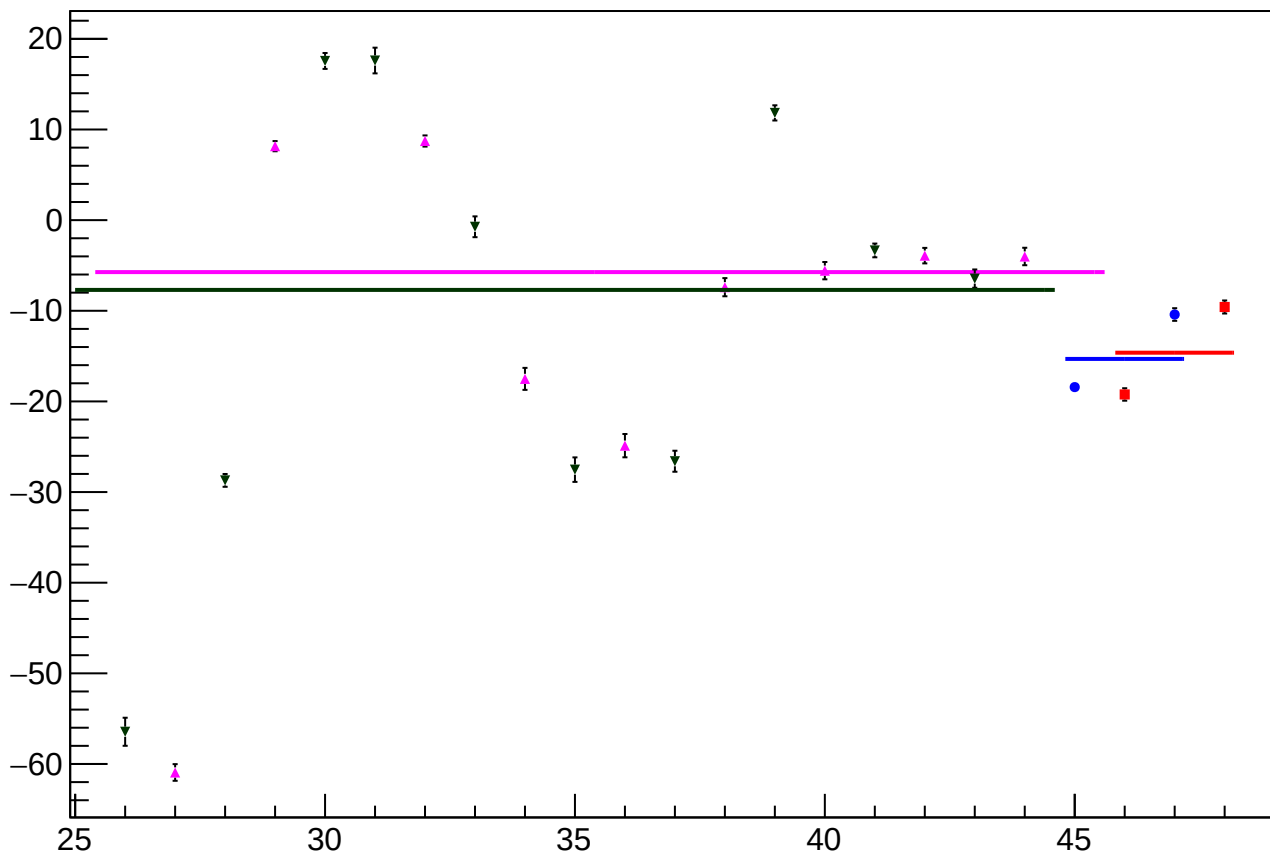
Right Out: -316.119 $\pm$ 0.428 χ^2/NDF : 374.3/1

Left In: -355.932 $\pm$ 0.194 χ^2/NDF : 7933.4/8

-342.507 $\pm$ 0.178 χ^2/NDF : 14874.6/11

-349.147 $\pm$ 0.177 χ^2/NDF : 15486.1/10

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

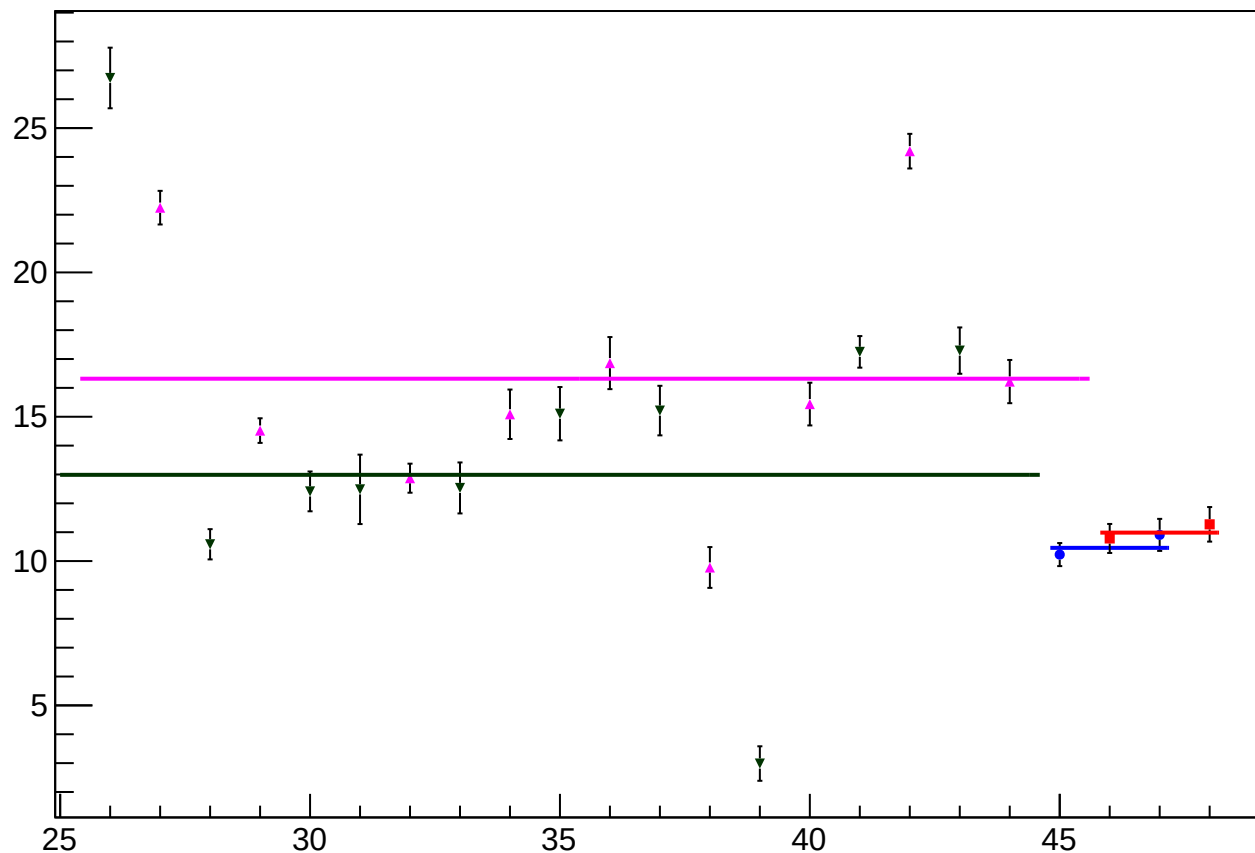
Right Out: -14.624 $\pm$ 0.497 χ^2 /NDF: 94.1/1

Left In: -5.733 $\pm$ 0.279 χ^2 /NDF: 5095.9/8

-10.268 $\pm$ 0.252 χ^2 /NDF: 4404.0/11

-7.870 $\pm$ 0.244 χ^2 /NDF: 5433.3/10

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 10.458 $\pm$ 0.324 χ^2 /NDF: 1.0/1

Left Out: 12.987 $\pm$ 0.230 χ^2 /NDF: 575.0/9

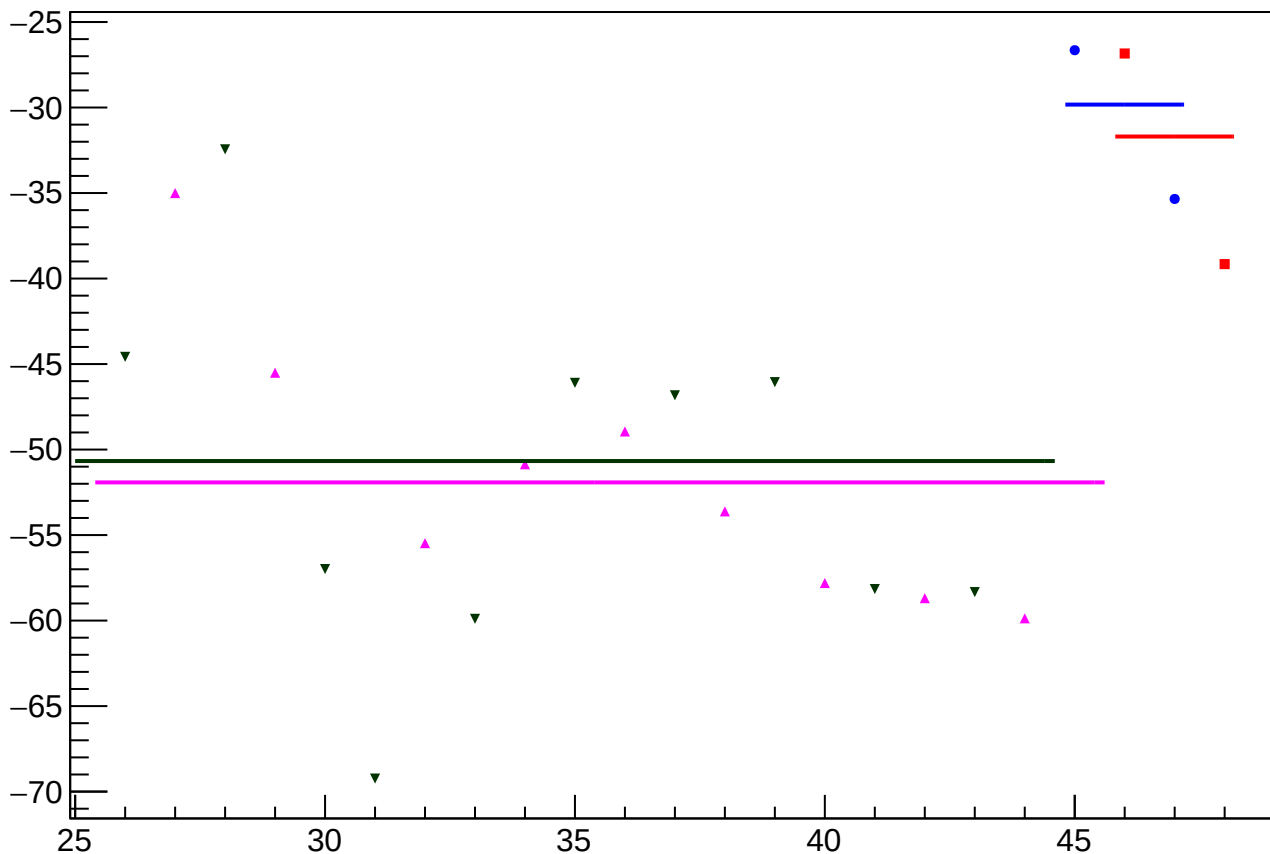
Right Out: 10.986 $\pm$ 0.385 χ^2 /NDF: 0.4/1

Left In: 16.318 $\pm$ 0.207 χ^2 /NDF: 430.3/8

12.139 $\pm$ 0.188 χ^2 /NDF: 616.5/11

15.123 $\pm$ 0.182 χ^2 /NDF: 579.6/10

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -29.828 $\pm$ 0.071 χ^2 /NDF: 3504.3/1

Left Out: -50.671 $\pm$ 0.051 χ^2 /NDF: 44323.0/9

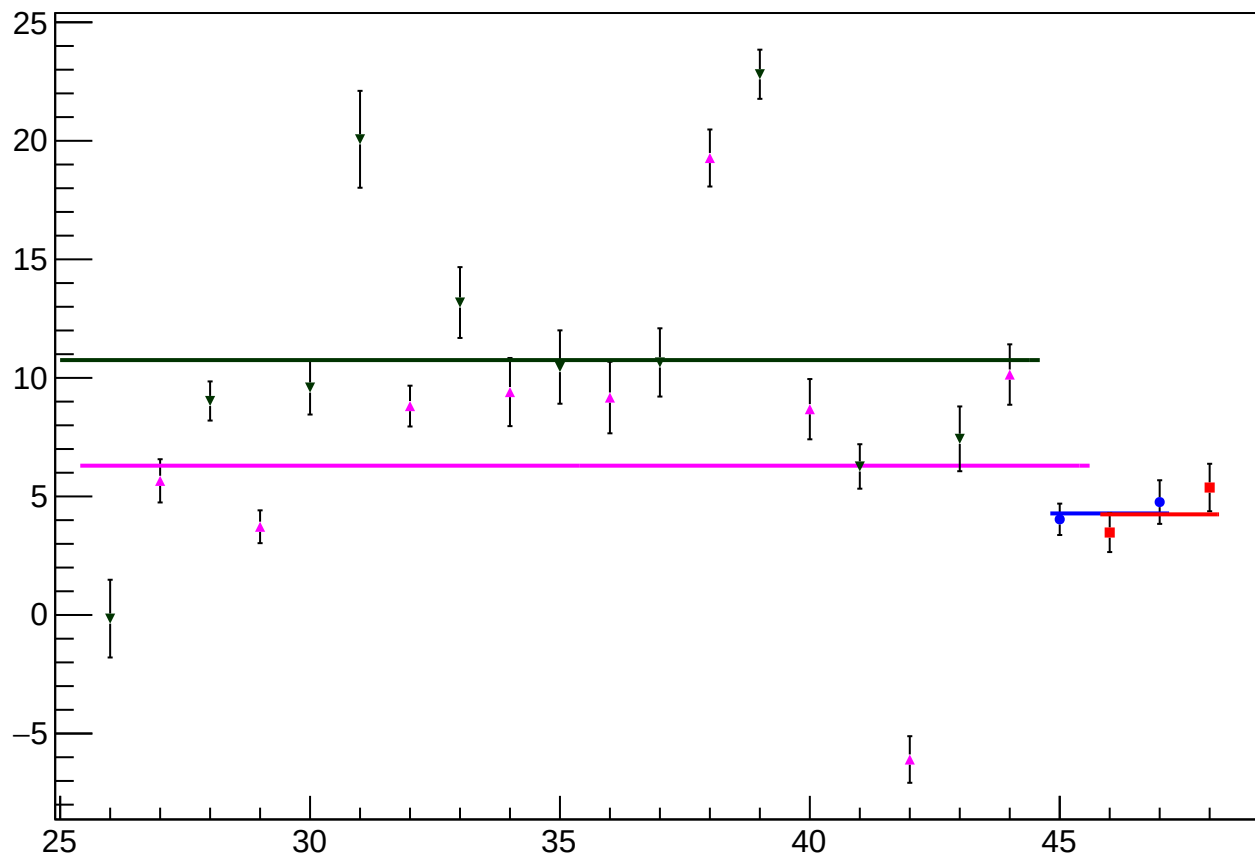
Right Out: -31.696 $\pm$ 0.081 χ^2 /NDF: 5551.7/1

Left In: -51.920 $\pm$ 0.048 χ^2 /NDF: 21764.1/8

-43.494 $\pm$ 0.042 χ^2 /NDF: 104703.5/11

-46.666 $\pm$ 0.041 χ^2 /NDF: 73728.0/10

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.283 $\pm$ 0.537 χ^2 /NDF: 0.4/1

Left Out: 10.751 $\pm$ 0.383 χ^2 /NDF: 237.1/9

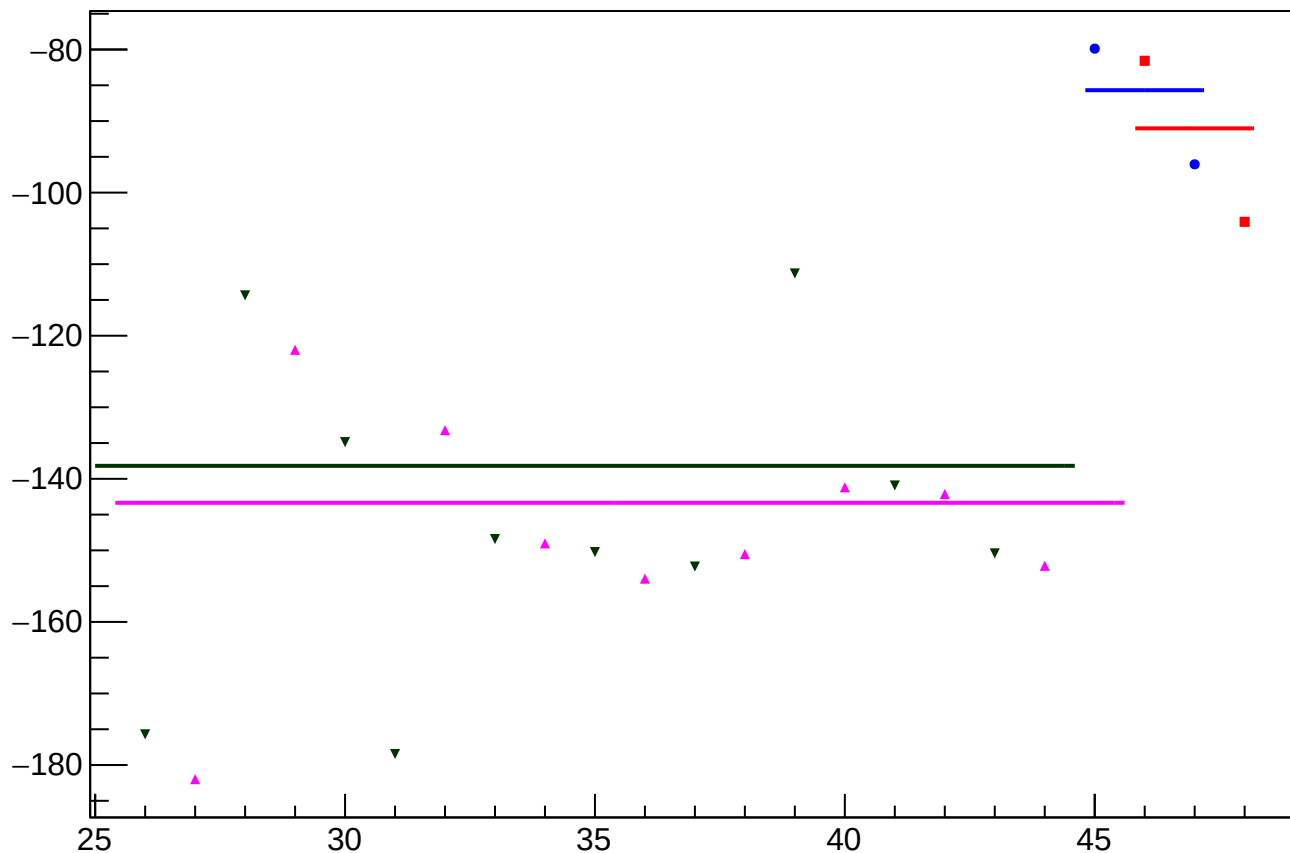
Right Out: 4.244 $\pm$ 0.637 χ^2 /NDF: 2.1/1

Left In: 6.298 $\pm$ 0.343 χ^2 /NDF: 319.2/8

8.568 $\pm$ 0.312 χ^2 /NDF: 333.5/11

5.837 $\pm$ 0.302 χ^2 /NDF: 329.4/10

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

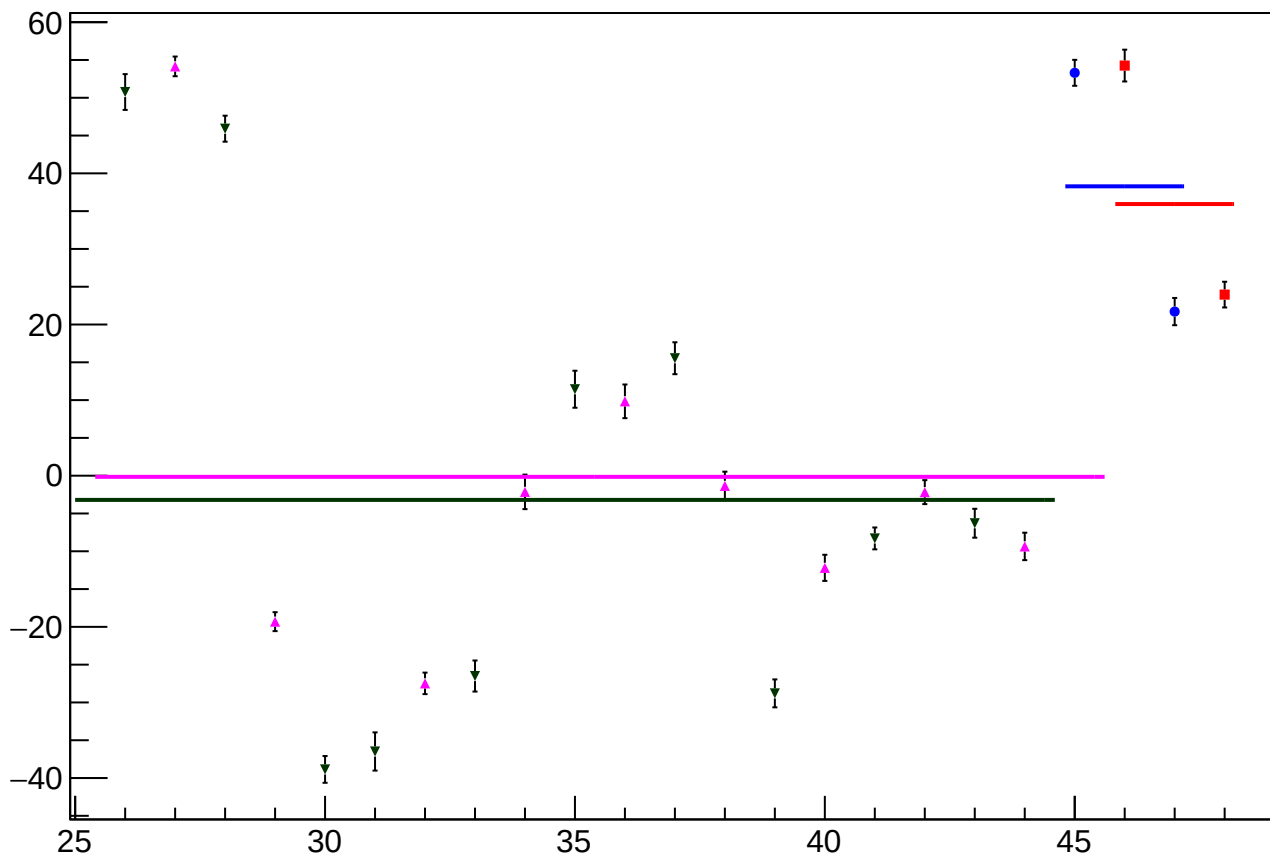
Right Out: -91.020+/-0.123 χ^2/NDF : 8092.0/1

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-121.782+/-0.059 χ^2/NDF : 254826.7/11

-130.084+/-0.062 χ^2/NDF : 197265.3/10

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

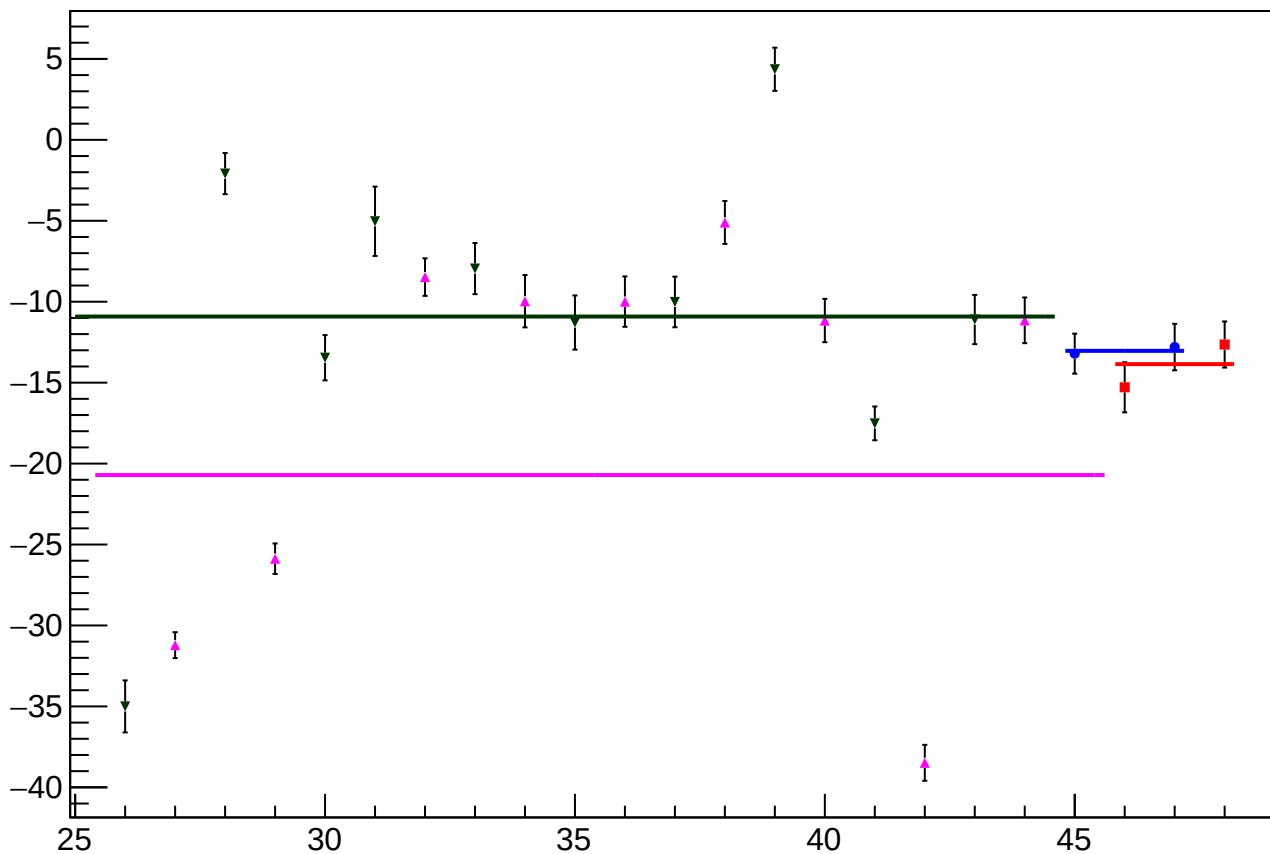
Right Out: 35.939 ± 1.323 χ^2/NDF : 125.4/1

Left In: -0.152 ± 0.540 χ^2/NDF : 2441.2/8

4.905 ± 0.550 χ^2/NDF : 3420.3/11

4.994 ± 0.500 χ^2/NDF : 3204.6/10

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -13.035 $\pm$ 0.936 χ^2 /NDF: 0.0/1

Left Out: -10.916 $\pm$ 0.456 χ^2 /NDF: 459.2/9

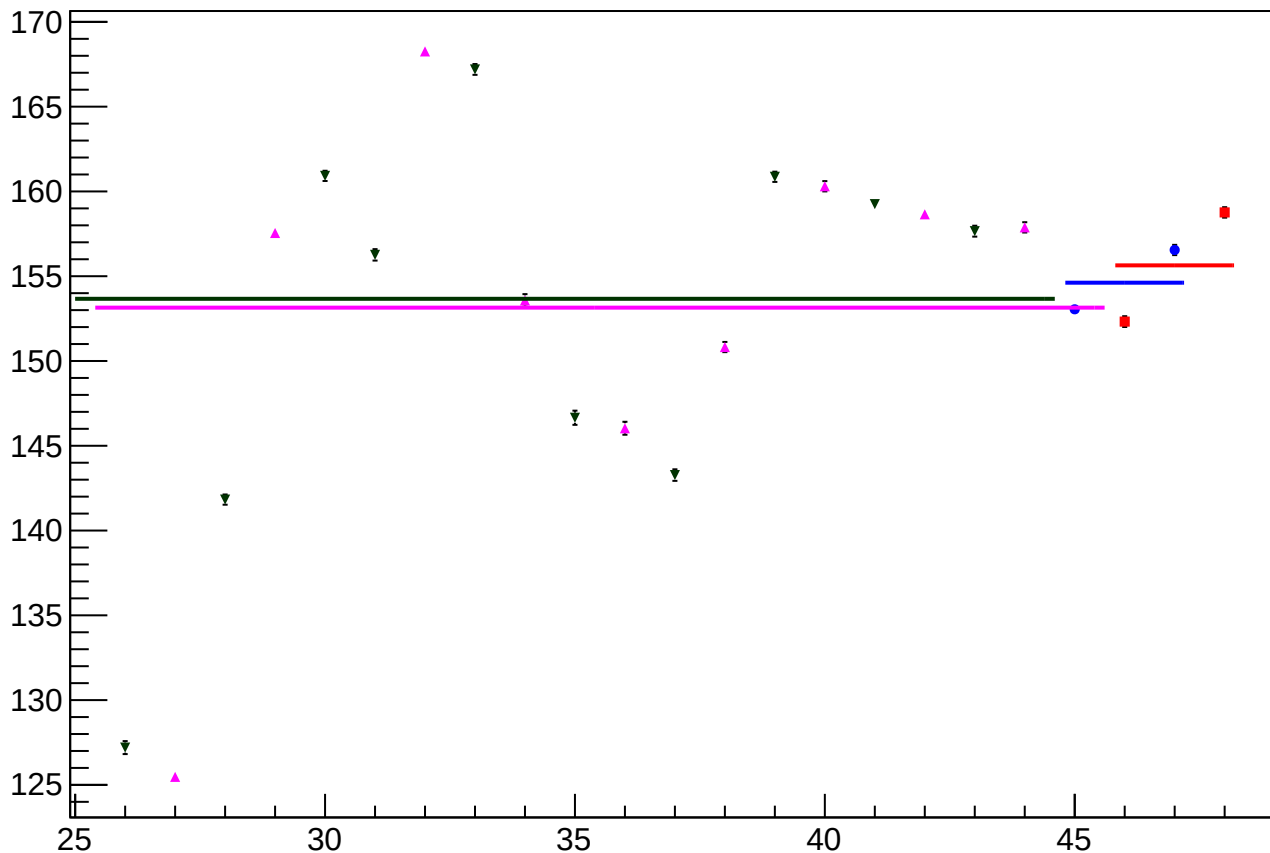
Right Out: -13.856 $\pm$ 1.048 χ^2 /NDF: 1.6/1

Left In: -20.706 $\pm$ 0.387 χ^2 /NDF: 896.2/8

-11.321 $\pm$ 0.410 χ^2 /NDF: 463.4/11

-19.882 $\pm$ 0.363 χ^2 /NDF: 935.4/10

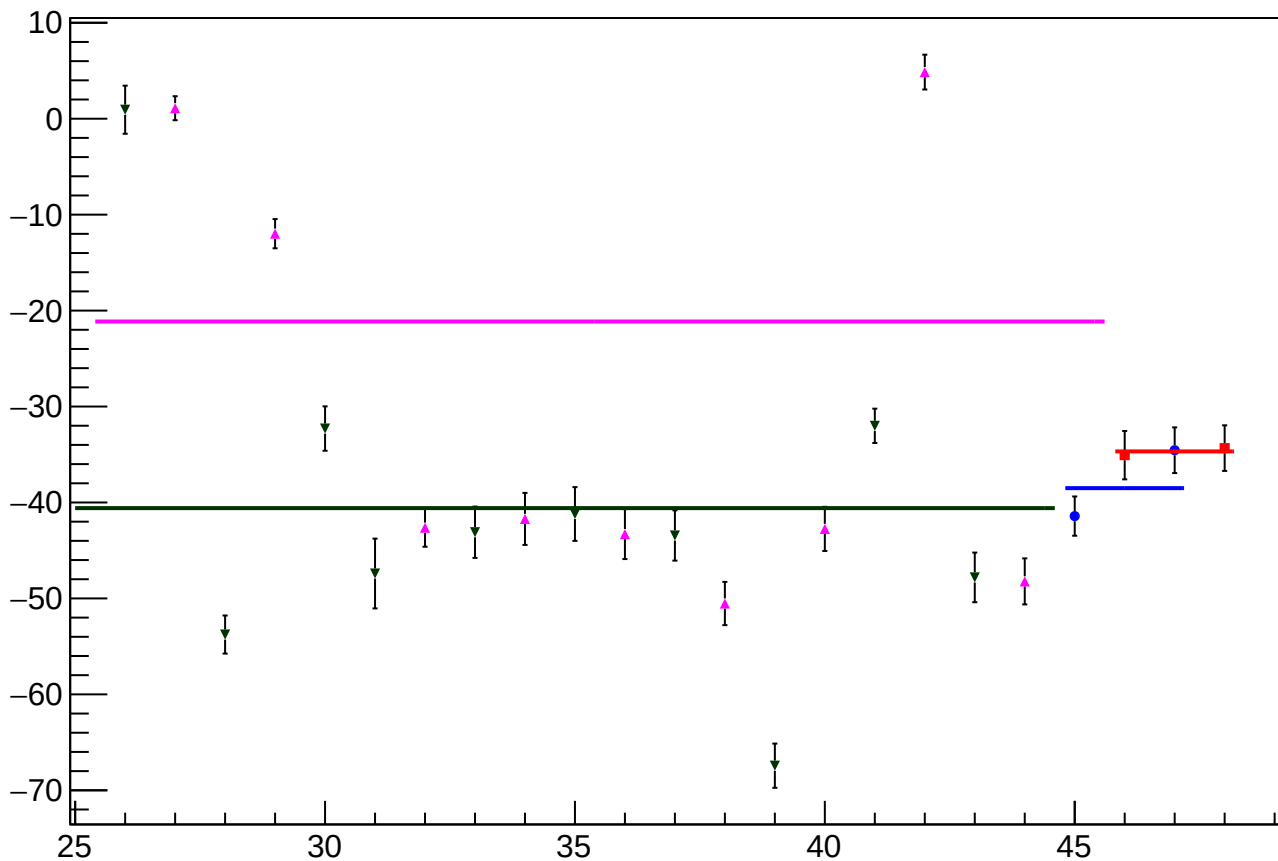
reg_asym_atl_dd_diff_bpm4eX_slope vs slug



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: 155.640 $\pm$ 0.222 χ^2 /NDF: 211.1/1
 Left In: 153.146 $\pm$ 0.093 χ^2 /NDF:20805.5/8

153.857 $\pm$ 0.090 χ^2 /NDF: 11272.4/11
 153.521 $\pm$ 0.086 χ^2 /NDF: 21124.3/10

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -38.505 $\pm$ 1.551 χ^2 /NDF: 4.8/1

Left Out: -40.588 $\pm$ 0.759 χ^2 /NDF: 503.5/9

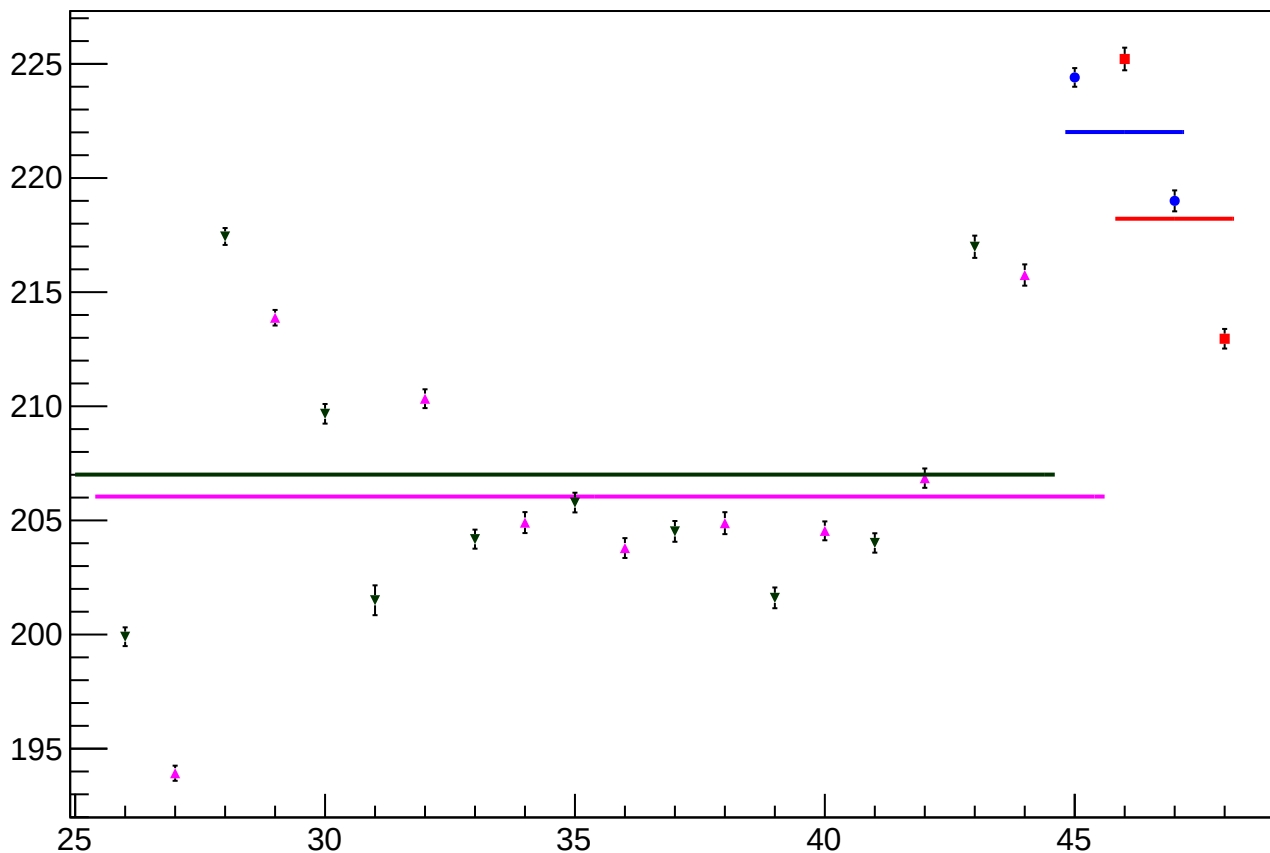
Right Out: -34.679 $\pm$ 1.730 χ^2 /NDF: 0.0/1

Left In: -21.140 $\pm$ 0.636 χ^2 /NDF: 1191.2/8

-40.186 $\pm$ 0.681 χ^2 /NDF: 509.7/11

-22.752 $\pm$ 0.597 χ^2 /NDF: 1245.2/10

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

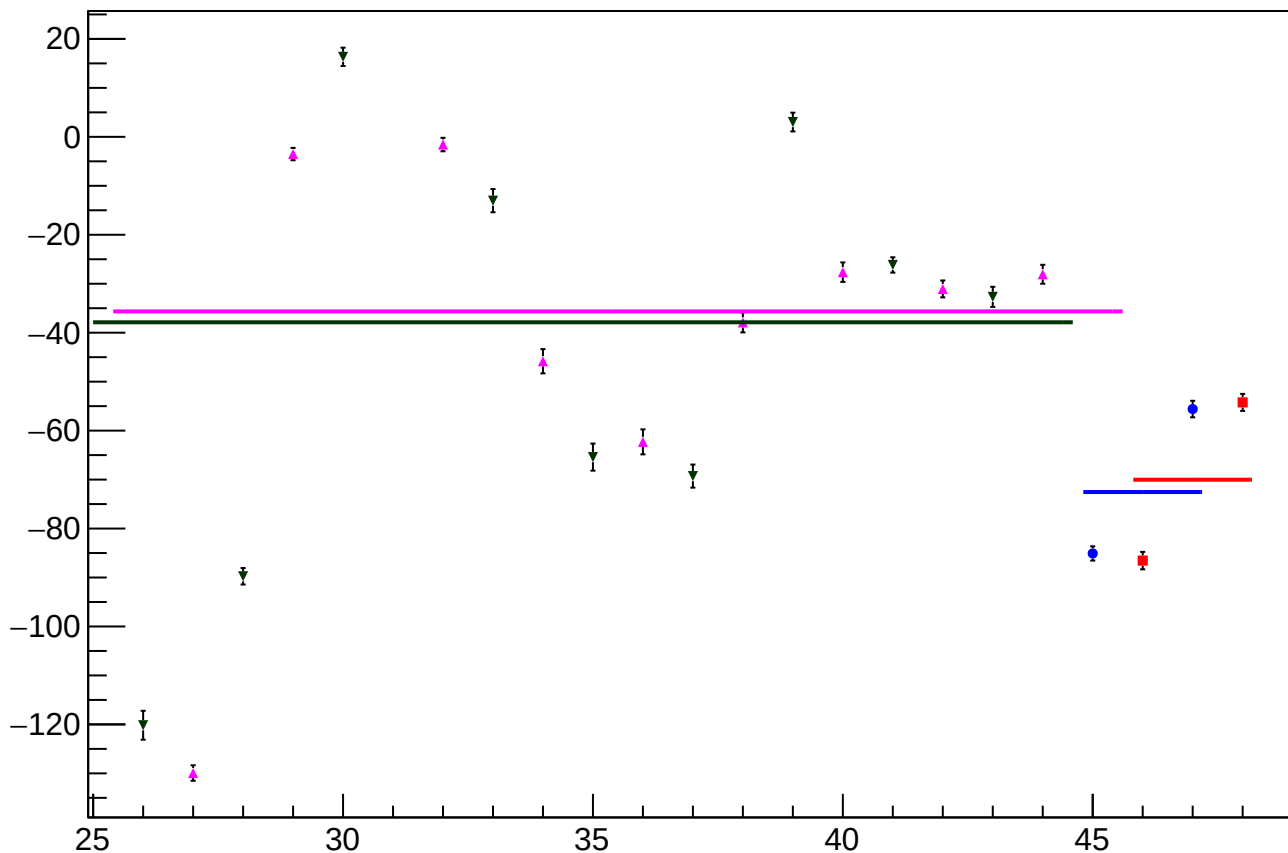
Right Out: 218.217 $\pm$ 0.325 χ^2/NDF : 349.2/1

Left In: 206.045 $\pm$ 0.136 χ^2/NDF :2460.3/8

209.594 $\pm$ 0.127 χ^2/NDF : 3974.3/11

207.866 $\pm$ 0.126 χ^2/NDF : 4005.1/10

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

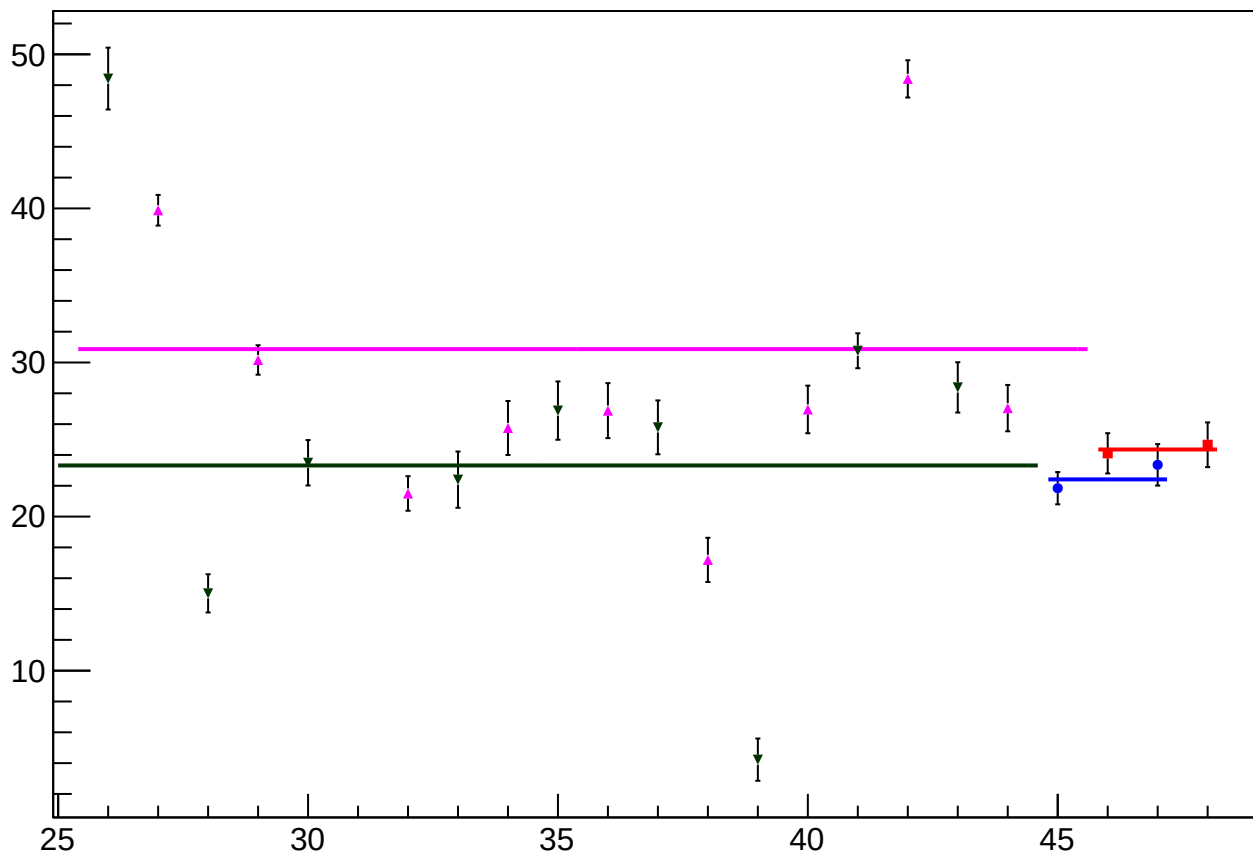
Right Out: -70.023+/-1.245 χ^2/NDF : 168.2/1

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-47.446+/-0.579 χ^2/NDF : 4363.2/10

-41.793+/-0.526 χ^2/NDF : 5752.4/10

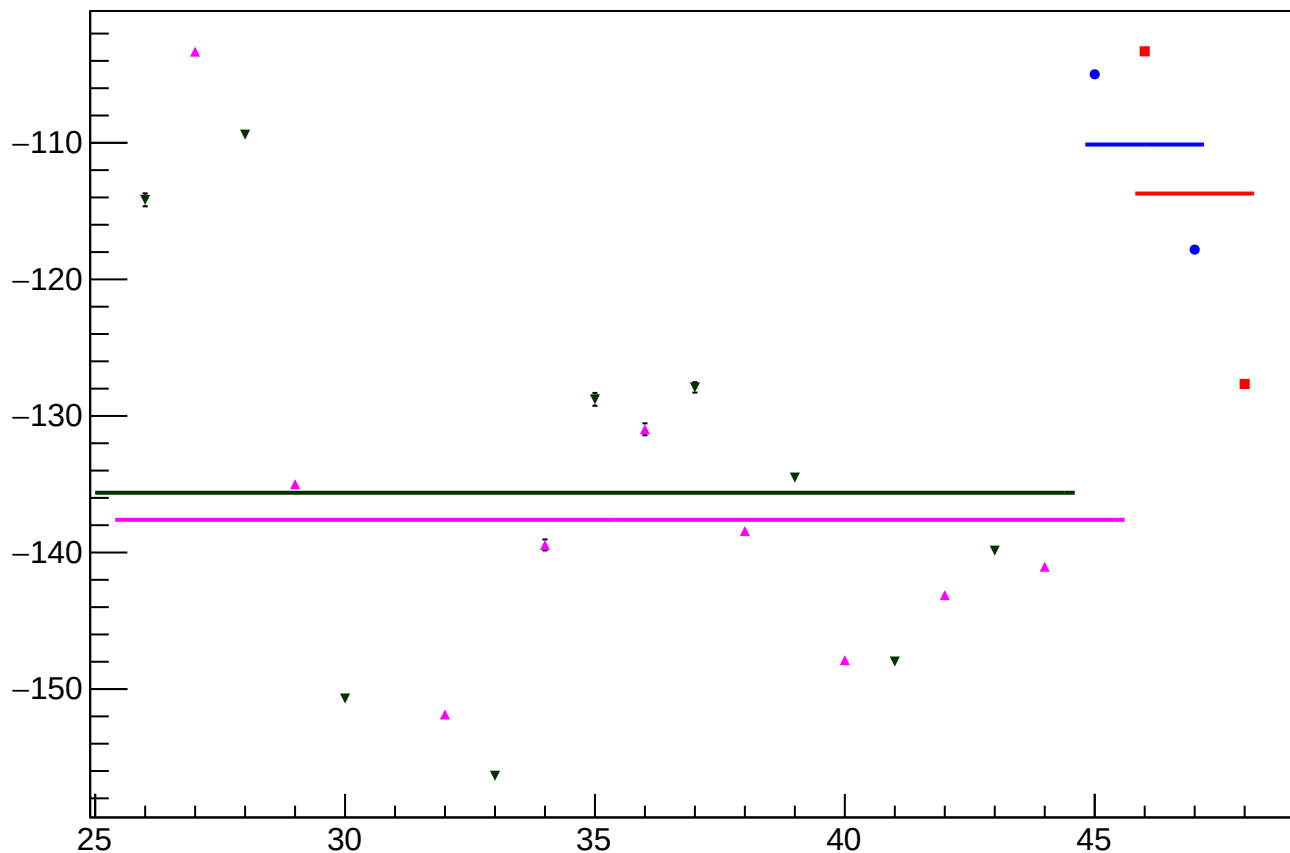
reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 22.414+/-0.826 χ^2/NDF : 0.8/1
 Left Out: 23.318+/-0.503 χ^2/NDF : 453.6/8
 Right Out: 24.355+/-0.970 χ^2/NDF : 0.1/1
 Left In: 30.868+/-0.424 χ^2/NDF : 480.3/8

23.074+/-0.430 χ^2/NDF : 455.3/10
 29.826+/-0.388 χ^2/NDF : 518.2/10

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

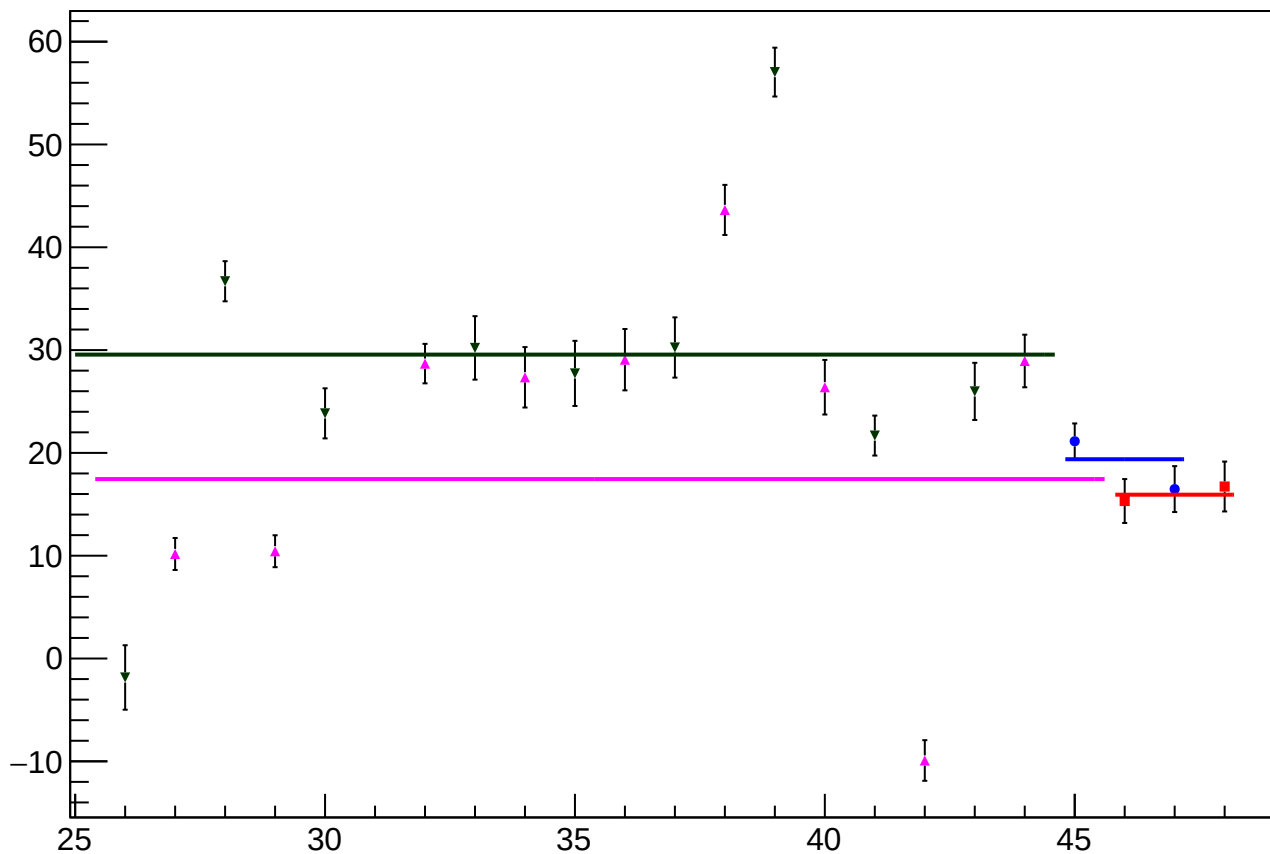
Right Out: -113.713+/-0.204 χ^2 /NDF: 3500.0/1

Left In: -137.605+/-0.100 χ^2 /NDF:21119.1/8

-128.286+/-0.096 χ^2 /NDF: 33880.3/10

-132.990+/-0.090 χ^2 /NDF: 35723.6/10

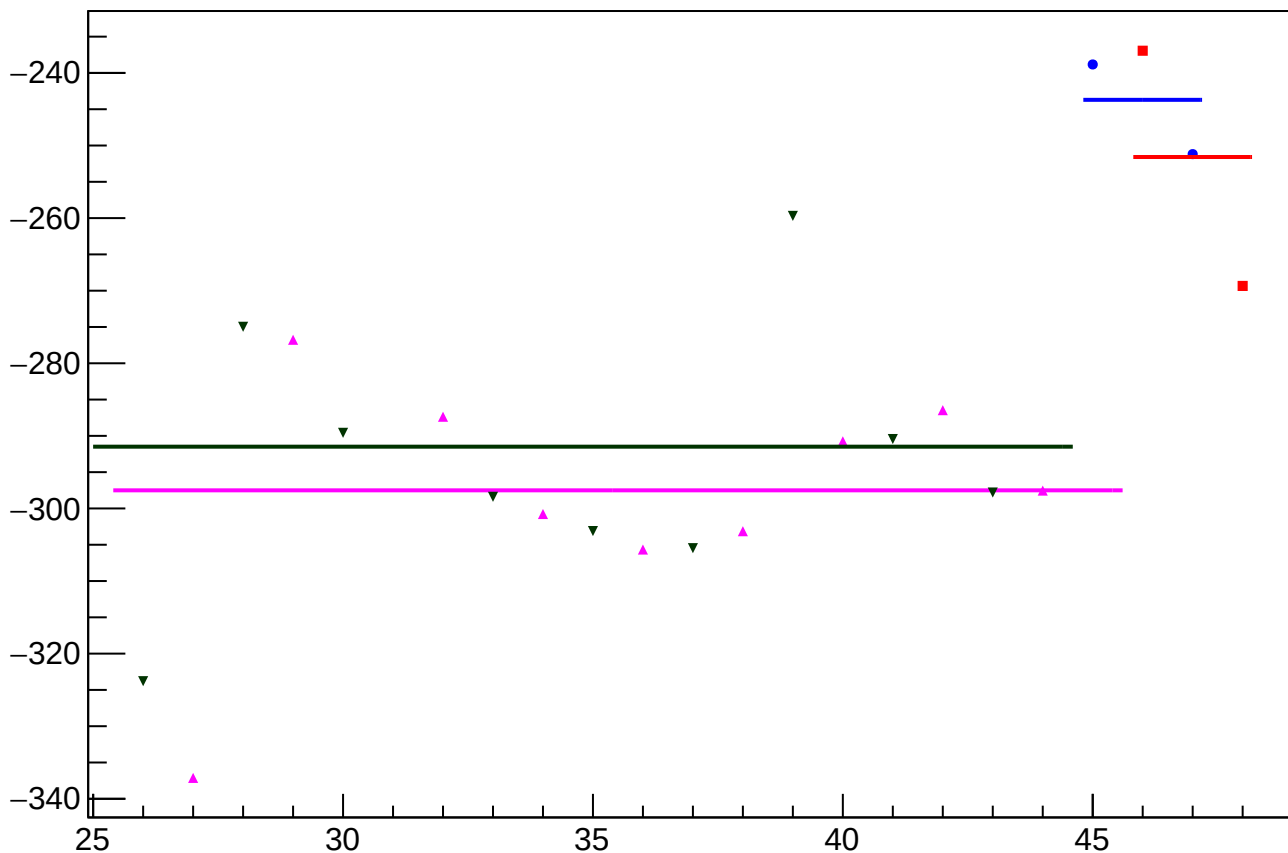
reg_asym_atr_avg_diff_bpm4eY_slope vs slug



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: 15.935 $\pm$ 1.603 χ^2/NDF : 0.2/1
 Left In: 17.454 $\pm$ 0.699 χ^2/NDF : 441.9/8

26.787 $\pm$ 0.714 χ^2/NDF : 314.6/10
 17.211 $\pm$ 0.641 χ^2/NDF : 442.8/10

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

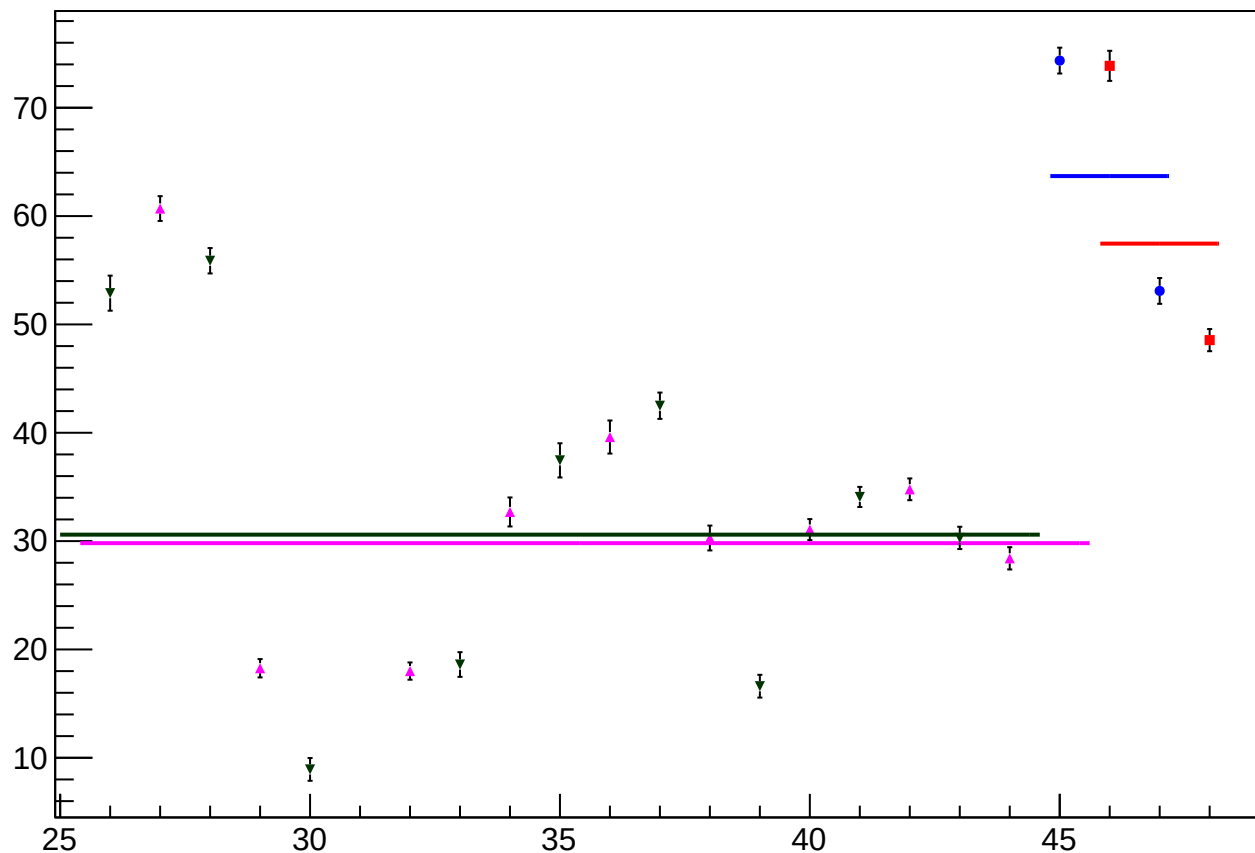
Right Out: -251.582+/-0.311 χ^2/NDF : 2690.3/1

Left In: -297.505+/-0.148 χ^2/NDF : 15085.1/8

-279.532+/-0.135 χ^2/NDF : 36153.9/10

-288.985+/-0.134 χ^2/NDF : 35542.4/10

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 63.692+/-0.842 χ^2/NDF : 159.2/1

Left Out: 30.597+/-0.381 χ^2/NDF : 1496.6/8

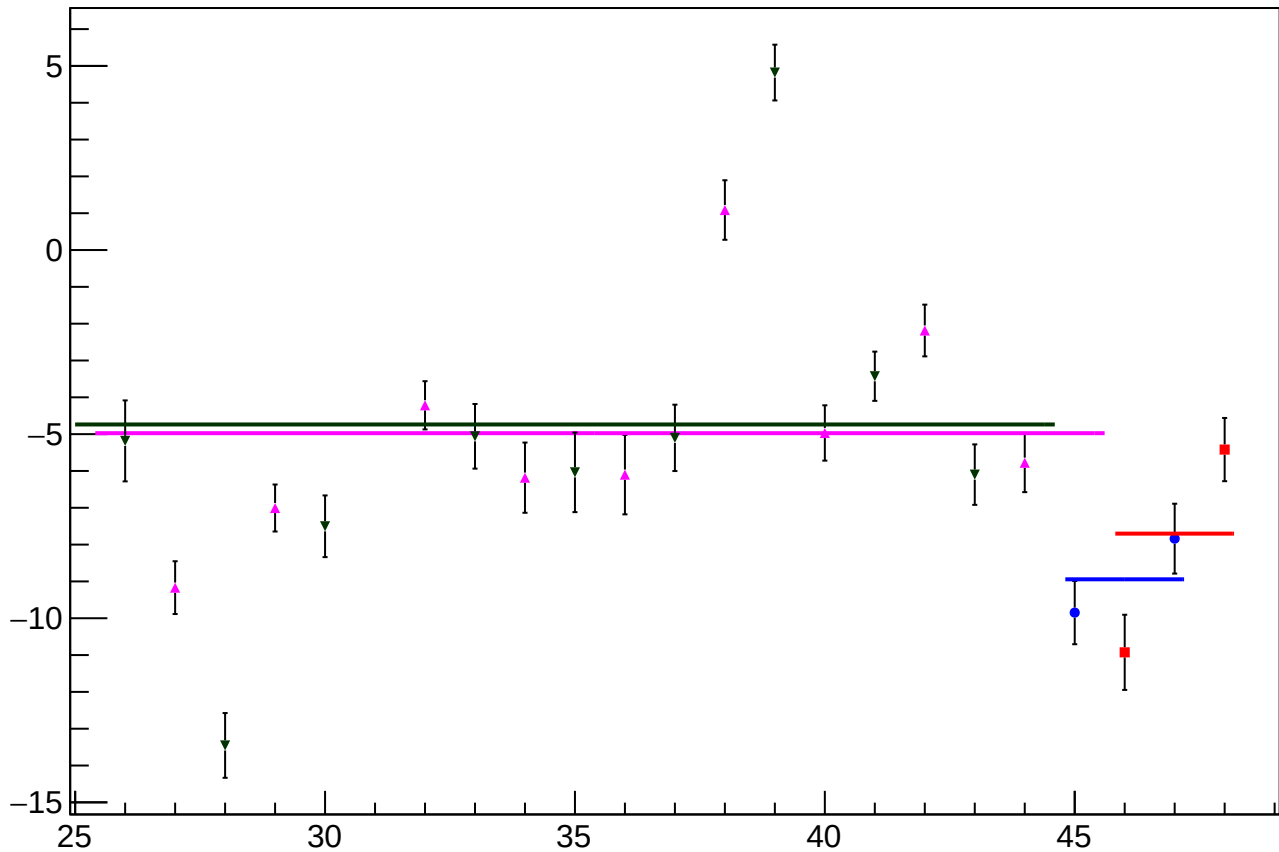
Right Out: 57.458+/-0.824 χ^2/NDF : 215.5/1

Left In: 29.811+/-0.343 χ^2/NDF : 1208.1/8

36.226+/-0.347 χ^2/NDF : 2936.5/10

33.904+/-0.317 χ^2/NDF : 2383.5/10

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

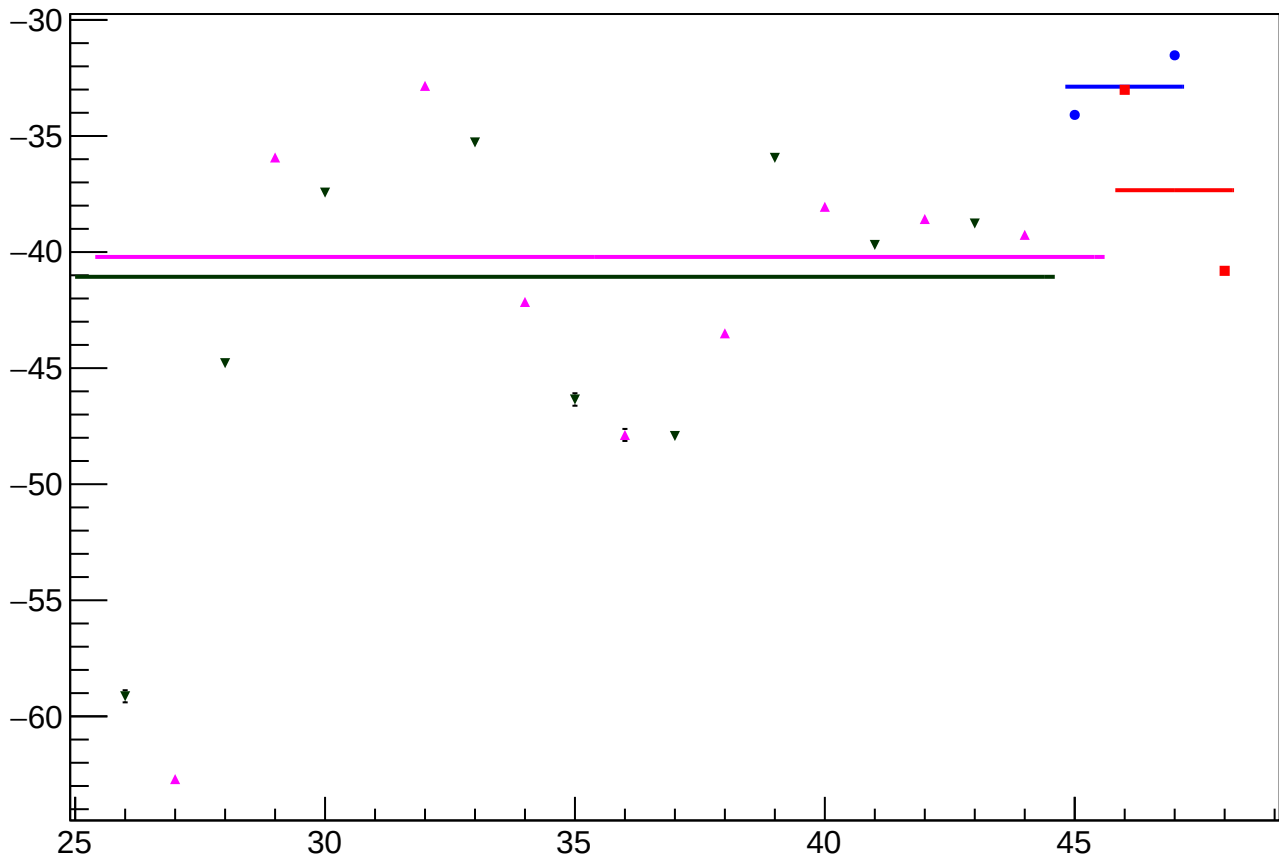
Right Out: -7.702+/-0.657 χ^2 /NDF: 17.0/1

Left In: -4.974+/-0.253 χ^2 /NDF:121.4/8

-5.436+/-0.259 χ^2 /NDF: 315.7/10

-5.327+/-0.236 χ^2 /NDF: 153.4/10

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

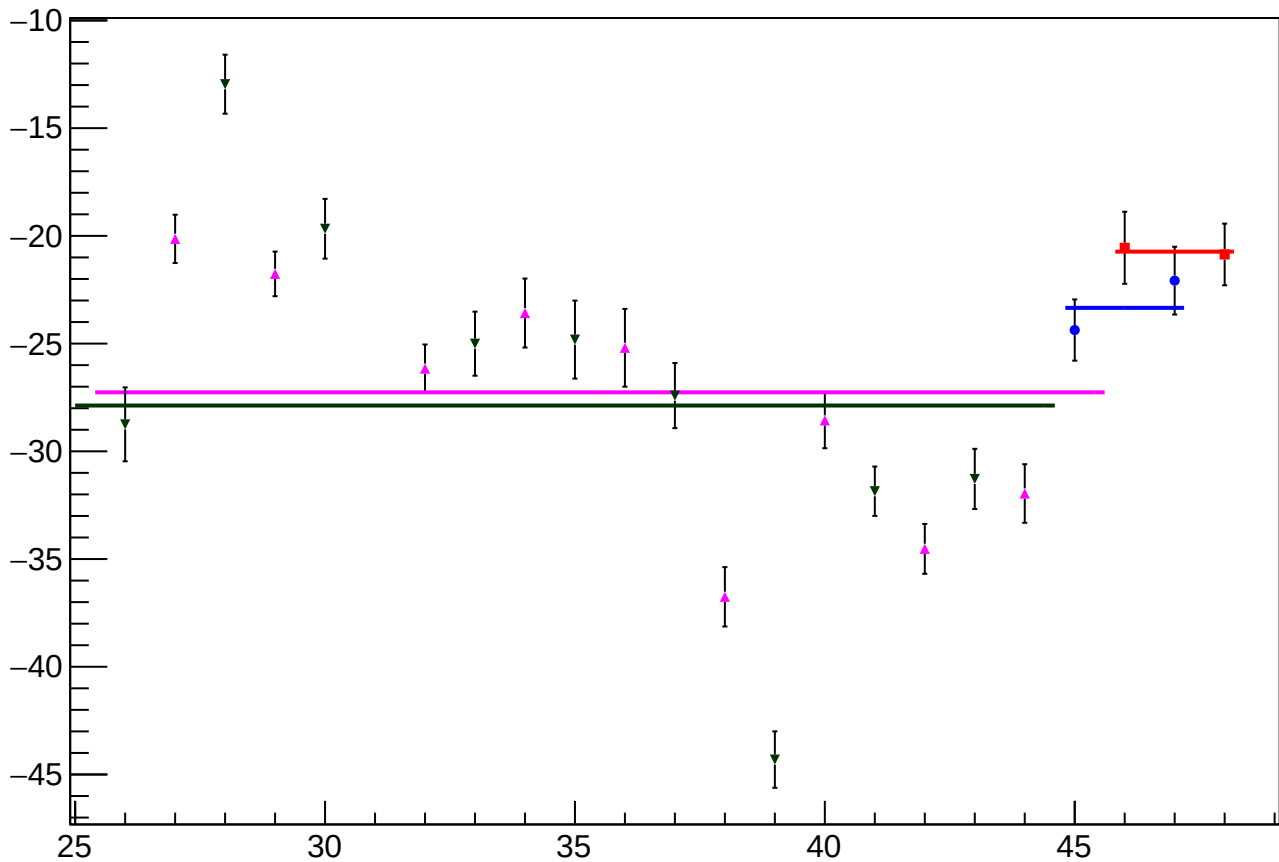
Right Out: -37.335 ± 0.140 χ^2/NDF : 771.4/1

Left In: -40.210 ± 0.058 χ^2/NDF : 18072.5/8

-39.633 ± 0.058 χ^2/NDF : 12377.2/10

-39.780 ± 0.054 χ^2/NDF : 19204.7/10

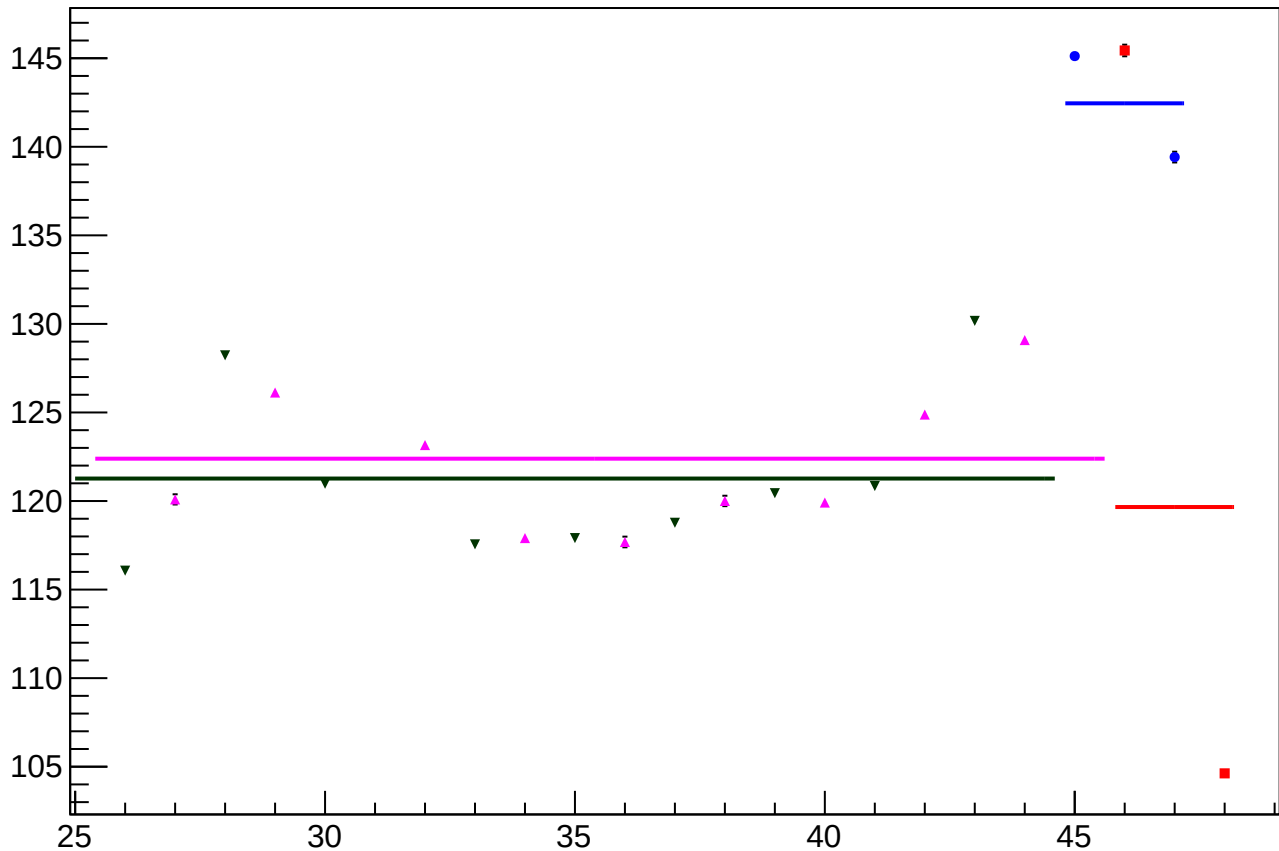
reg_asym_atr_dd_diff_bpm4eY_slope vs slug



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: -20.731 $\pm$ 1.088 χ^2 /NDF: 0.0/1
 Left In: -27.262 $\pm$ 0.421 χ^2 /NDF:175.8/8

-27.112 $\pm$ 0.433 χ^2 /NDF: 352.3/10
 -26.410 $\pm$ 0.393 χ^2 /NDF: 207.2/10

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 142.454 $\pm$ 0.207 χ^2 /NDF: 188.0/1

Left Out: 121.269 $\pm$ 0.087 χ^2 /NDF: 2757.8/8

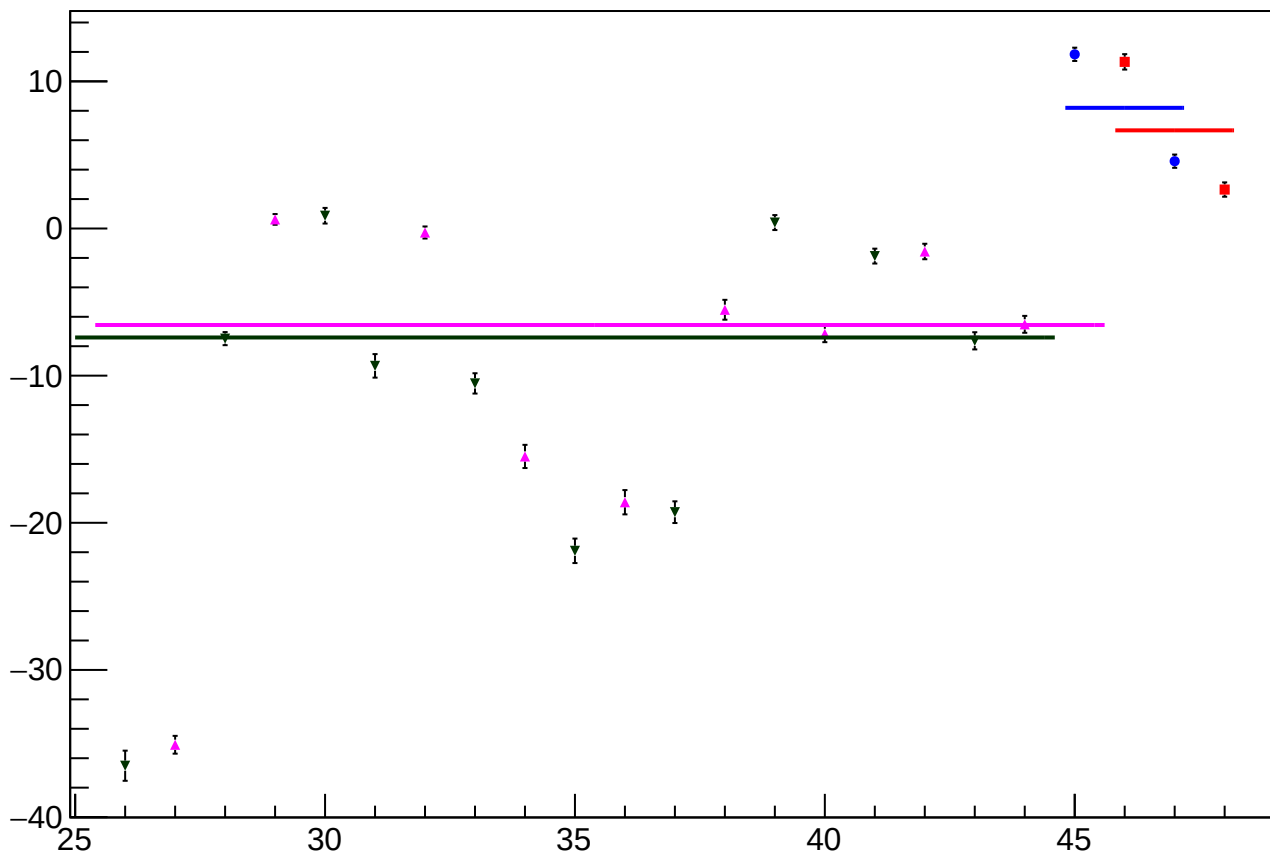
Right Out: 119.661 $\pm$ 0.199 χ^2 /NDF: 9789.7/1

Left In: 122.391 $\pm$ 0.087 χ^2 /NDF: 1757.6/8

124.412 $\pm$ 0.080 χ^2 /NDF: 11824.4/10

121.953 $\pm$ 0.080 χ^2 /NDF: 11705.3/10

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: 8.201 ± 0.319 χ^2/NDF : 129.3/1

Left Out: -7.406 ± 0.192 χ^2/NDF : 1994.4/9

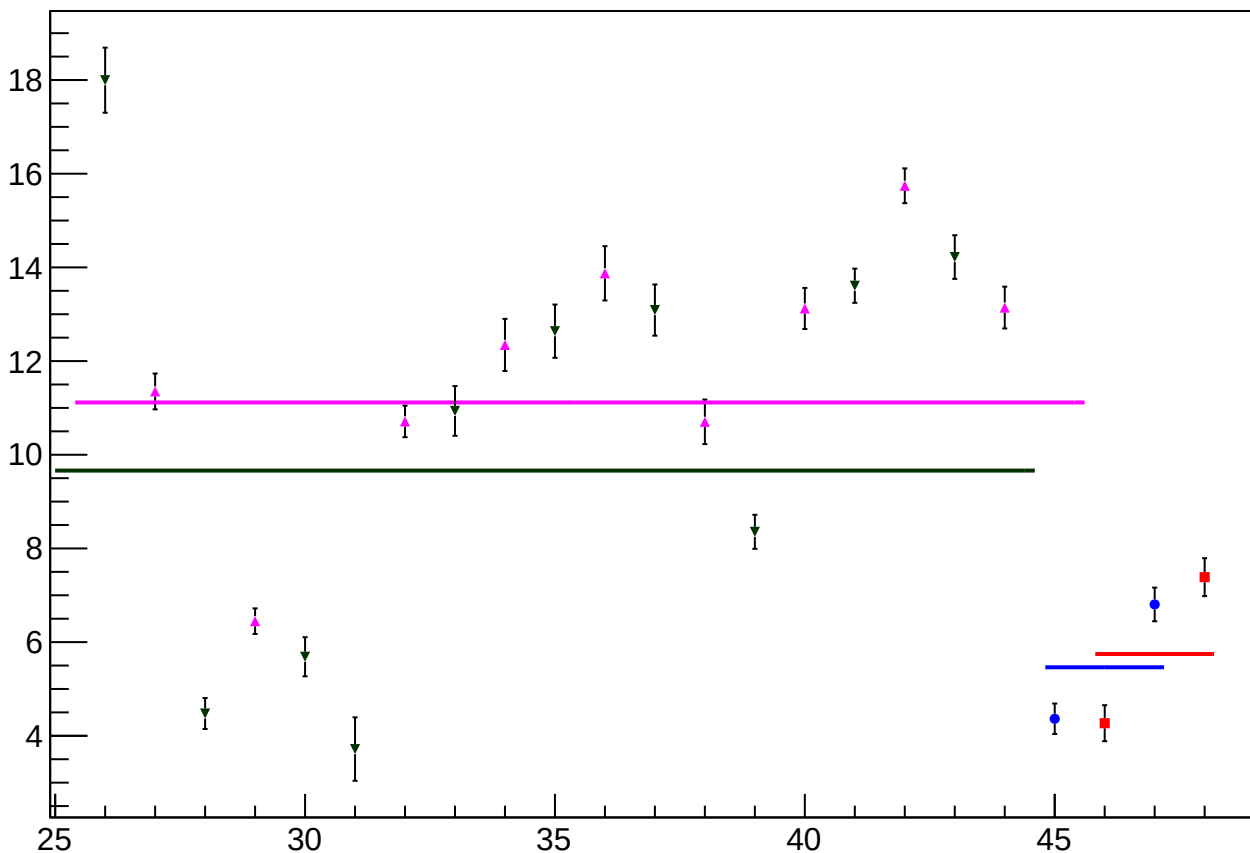
Right Out: 6.670 ± 0.357 χ^2/NDF : 147.1/1

Left In: -6.558 ± 0.179 χ^2/NDF : 3282.1/8

-3.271 ± 0.164 χ^2/NDF : 3879.3/11

-3.901 ± 0.160 χ^2/NDF : 4527.4/10

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 5.463 $\pm$ 0.241 χ^2 /NDF: 25.4/1

Left Out: 9.662 $\pm$ 0.143 χ^2 /NDF: 856.3/9

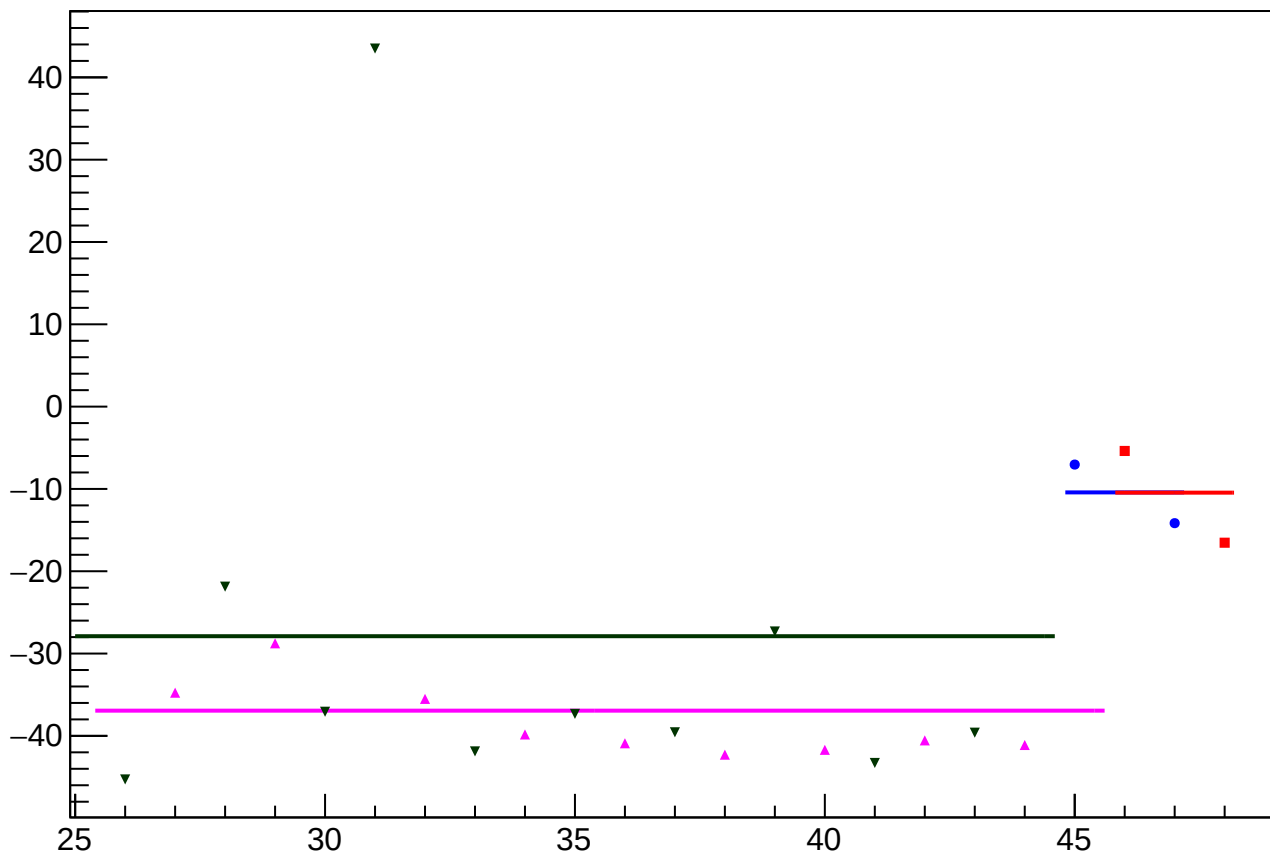
Right Out: 5.746 $\pm$ 0.279 χ^2 /NDF: 31.2/1

Left In: 11.116 $\pm$ 0.132 χ^2 /NDF: 518.9/8

8.569 $\pm$ 0.123 χ^2 /NDF: 1106.0/11

10.130 $\pm$ 0.119 χ^2 /NDF: 852.9/10

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -10.421+/-0.052 χ^2/NDF : 4633.3/1

Left Out: -27.892+/-0.032 χ^2/NDF : 549678.9/9

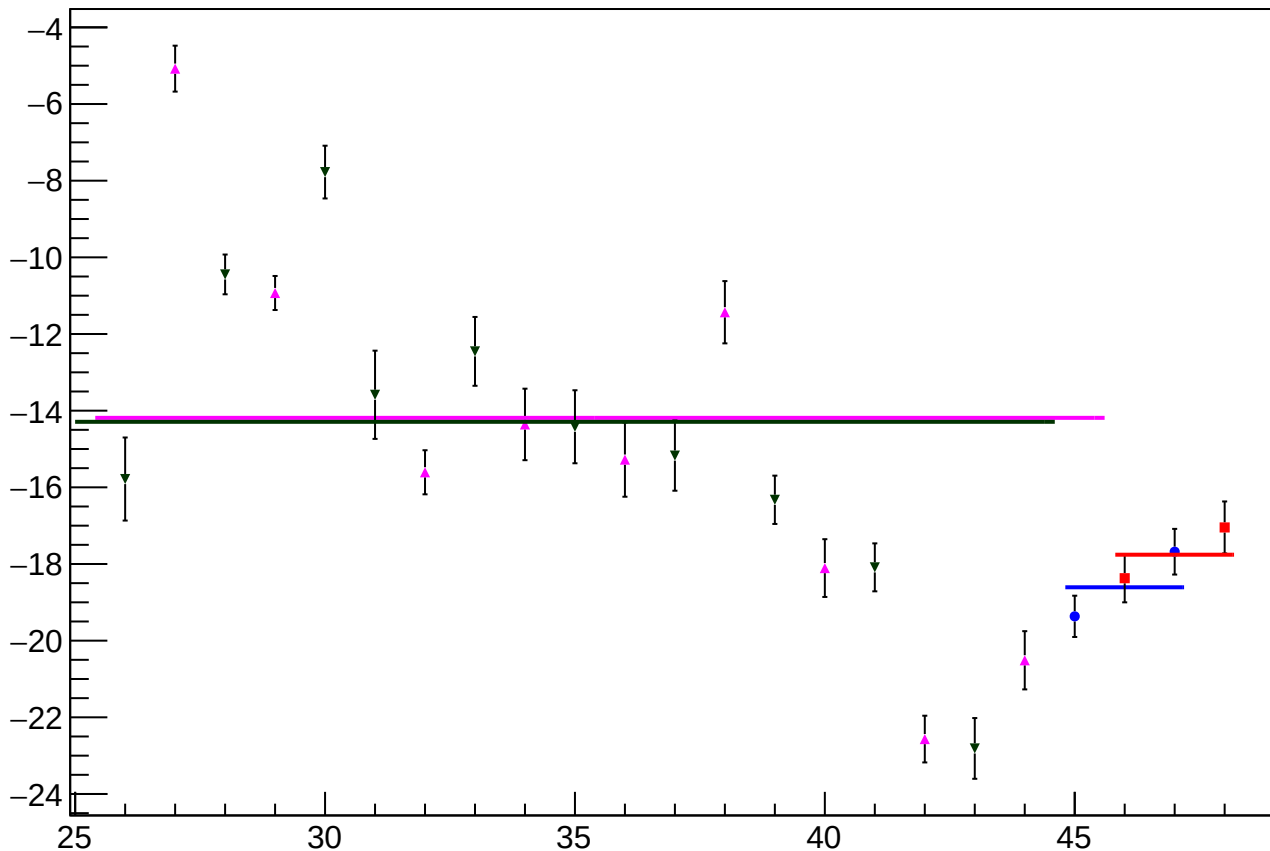
Right Out: -10.451+/-0.058 χ^2/NDF : 9014.5/1

Left In: -36.937+/-0.031 χ^2/NDF : 23653.1/8

-23.178+/-0.027 χ^2/NDF : 636037.5/11

-31.190+/-0.027 χ^2/NDF : 193420.6/10

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

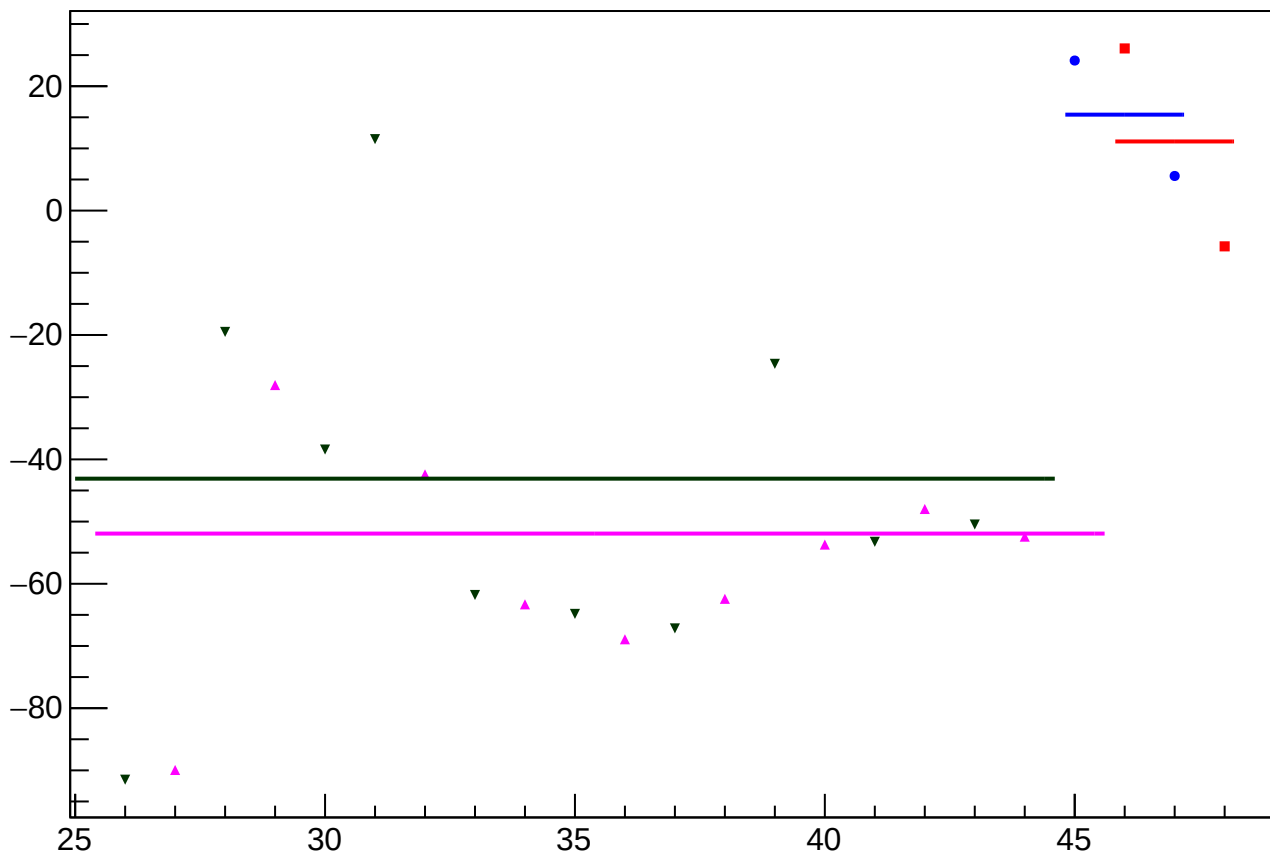
Right Out: -17.758 $\pm$ 0.461 χ^2 /NDF: 2.0/1

Left In: -14.187 $\pm$ 0.219 χ^2 /NDF:589.2/8

-15.422 $\pm$ 0.205 χ^2 /NDF: 405.4/11

-14.845 $\pm$ 0.198 χ^2 /NDF: 640.1/10

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

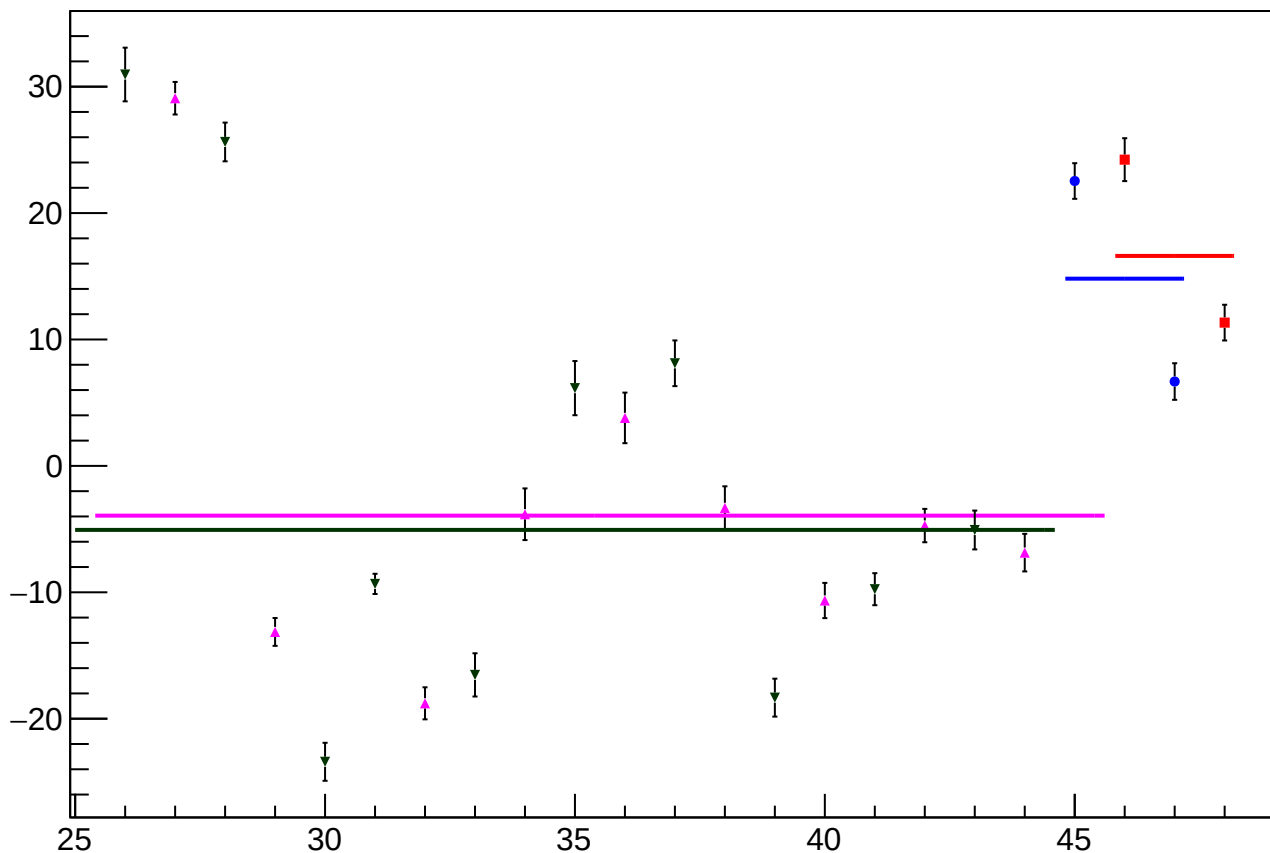
-29.139+/-0.038 χ^2/NDF : 731876.3/11

Right Out: 11.116+/-0.090 χ^2/NDF : 31185.3/1

-38.991+/-0.041 χ^2/NDF : 570833.0/10

Left In: -51.929+/-0.046 χ^2/NDF : 149071.1/8

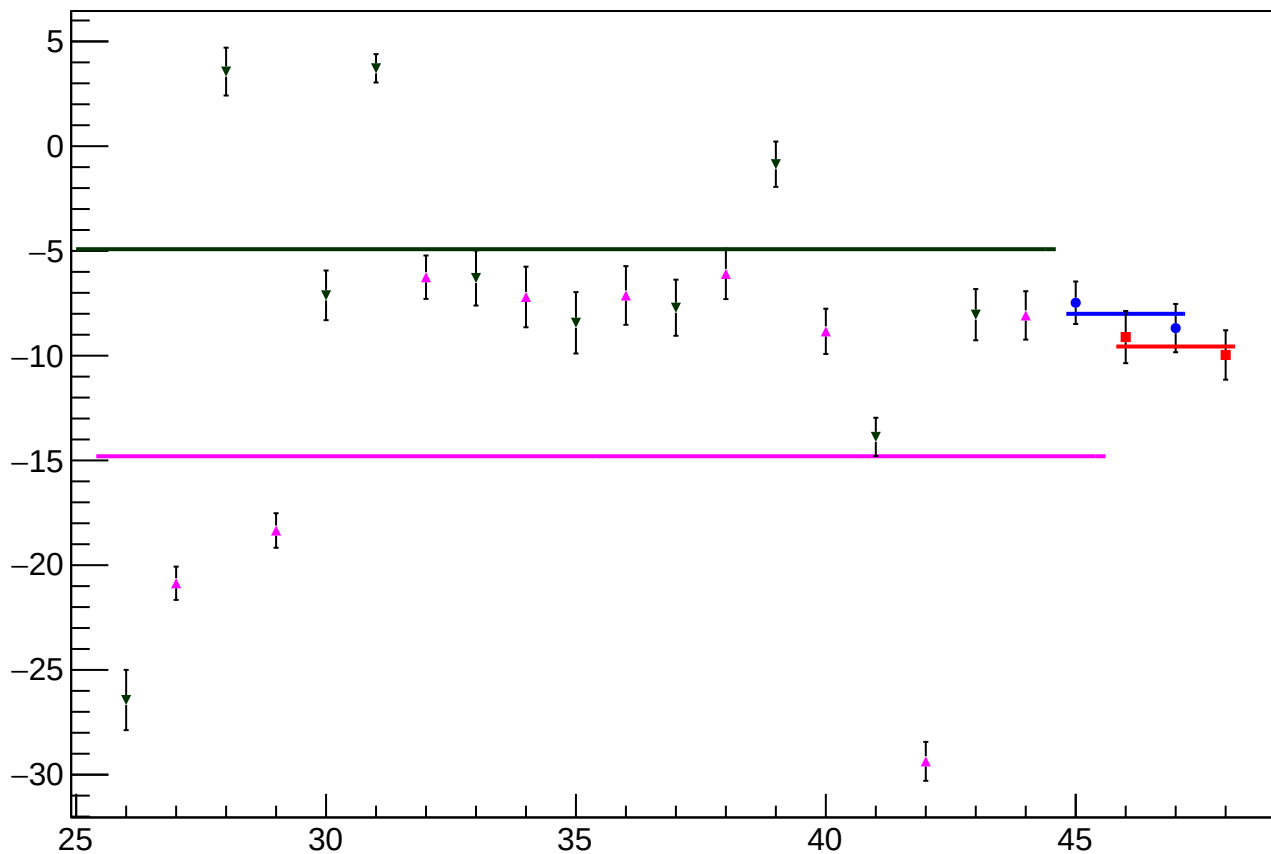
reg_asym_at1_dd_diff_bpm4aX_slope vs slug



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: 16.611 +/- 1.086 χ^2/NDF : 34.1/1
 Left In: -3.935 +/- 0.475 χ^2/NDF : 906.7/8

-1.809 +/- 0.409 χ^2/NDF : 1469.8/11
 -0.631 +/- 0.435 χ^2/NDF : 1241.2/10

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

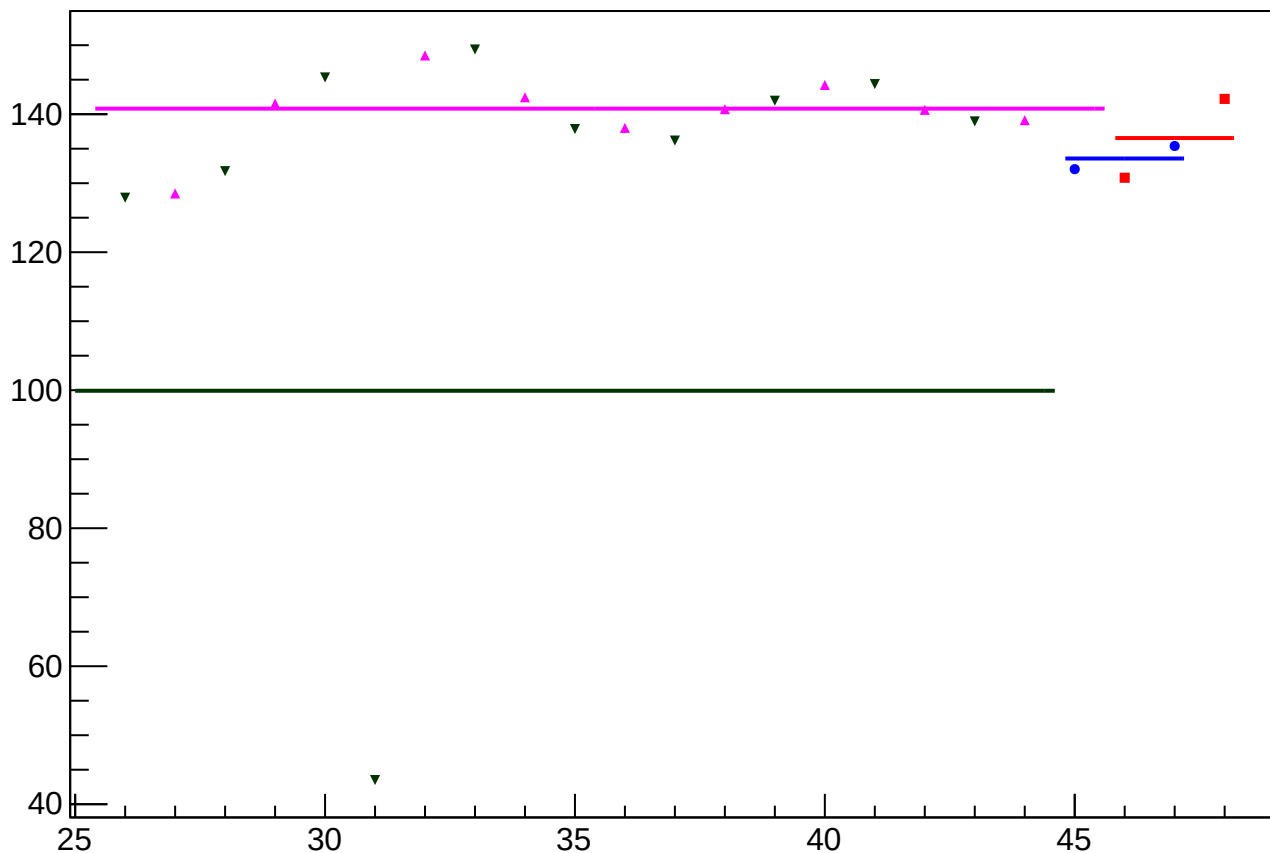
Right Out: -9.562 ± 0.857 χ^2/NDF : 0.2/1

Left In: -14.801 ± 0.344 χ^2/NDF : 564.9/8

-5.439 ± 0.313 χ^2/NDF : 587.0/11

-14.072 ± 0.320 χ^2/NDF : 597.4/10

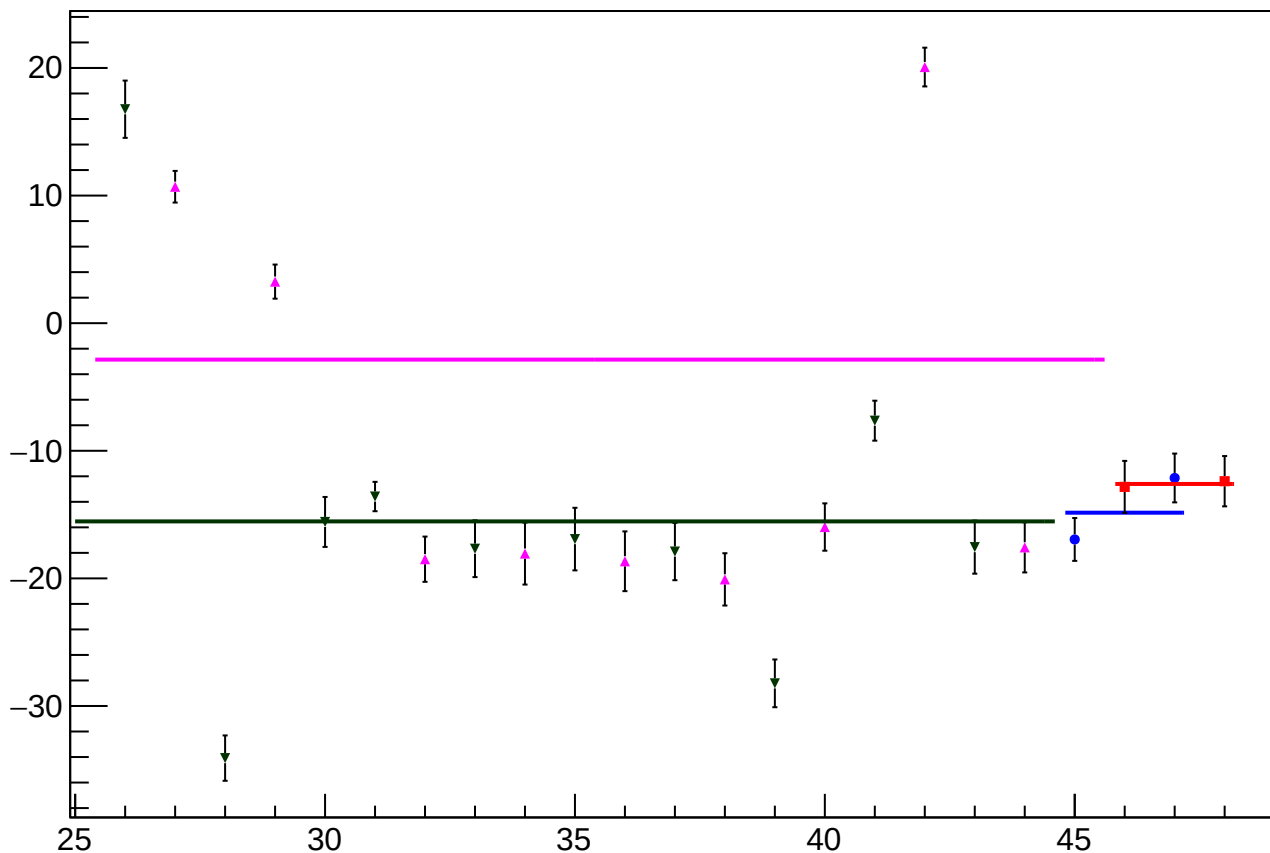
reg_asym_at1_dd_diff_bpm4eX_slope vs slug



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: 136.544 ± 0.181 $\chi^2/\text{NDF}: 1001.0/1$
 Left In: 140.804 ± 0.082 $\chi^2/\text{NDF}: 4715.7/8$

104.930 ± 0.064 $\chi^2/\text{NDF}: 519392.3/11$
 140.074 ± 0.075 $\chi^2/\text{NDF}: 6177.8/10$

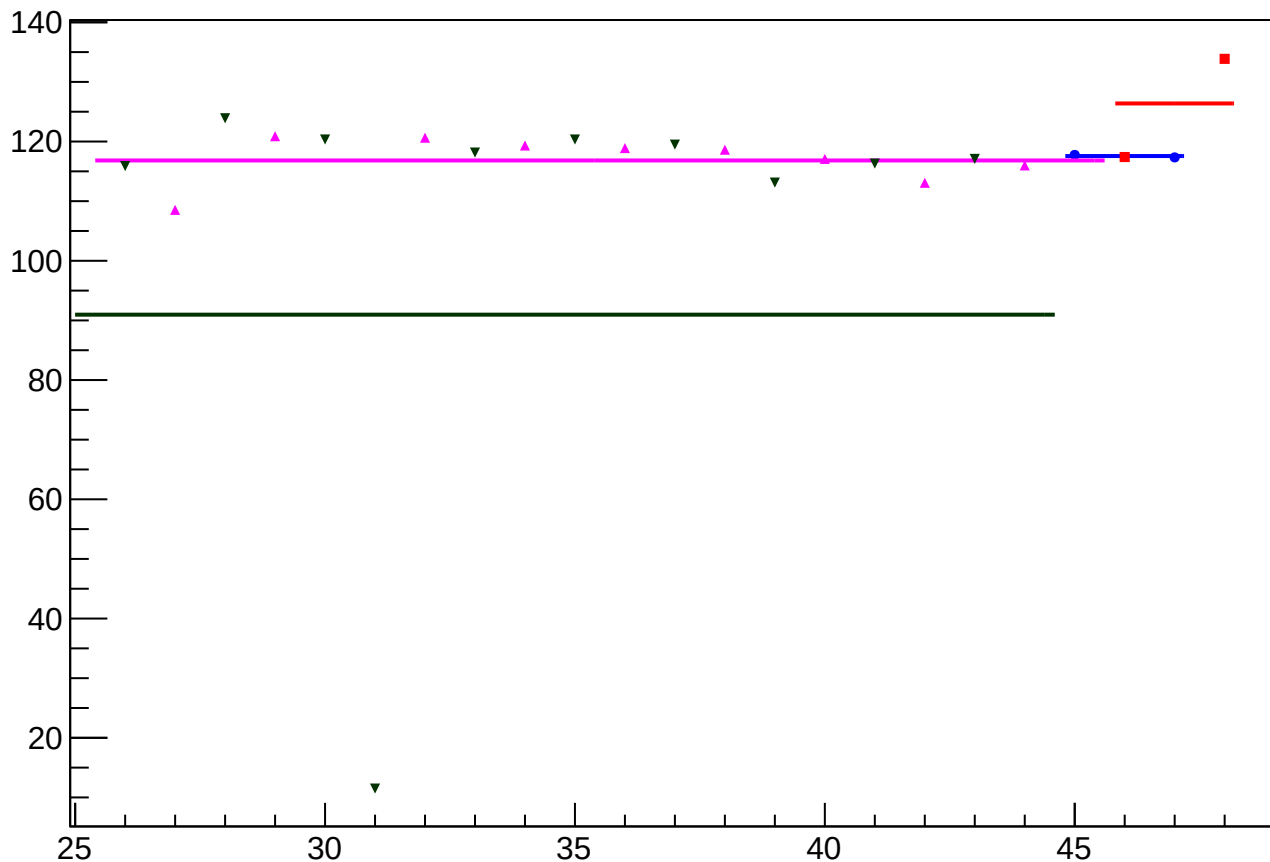
reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.852 ± 1.261 $\chi^2/\text{NDF}: 3.6/1$
 Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$
 Right Out: -12.600 ± 1.417 $\chi^2/\text{NDF}: 0.0/1$
 Left In: -2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-15.417 ± 0.523 $\chi^2/\text{NDF}: 397.6/11$
 -4.204 ± 0.527 $\chi^2/\text{NDF}: 748.2/10$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 117.568 +/- 0.248 χ^2/NDF : 0.7/1

Left Out: 94.985 +/- 0.097 χ^2/NDF : 209392.9/11

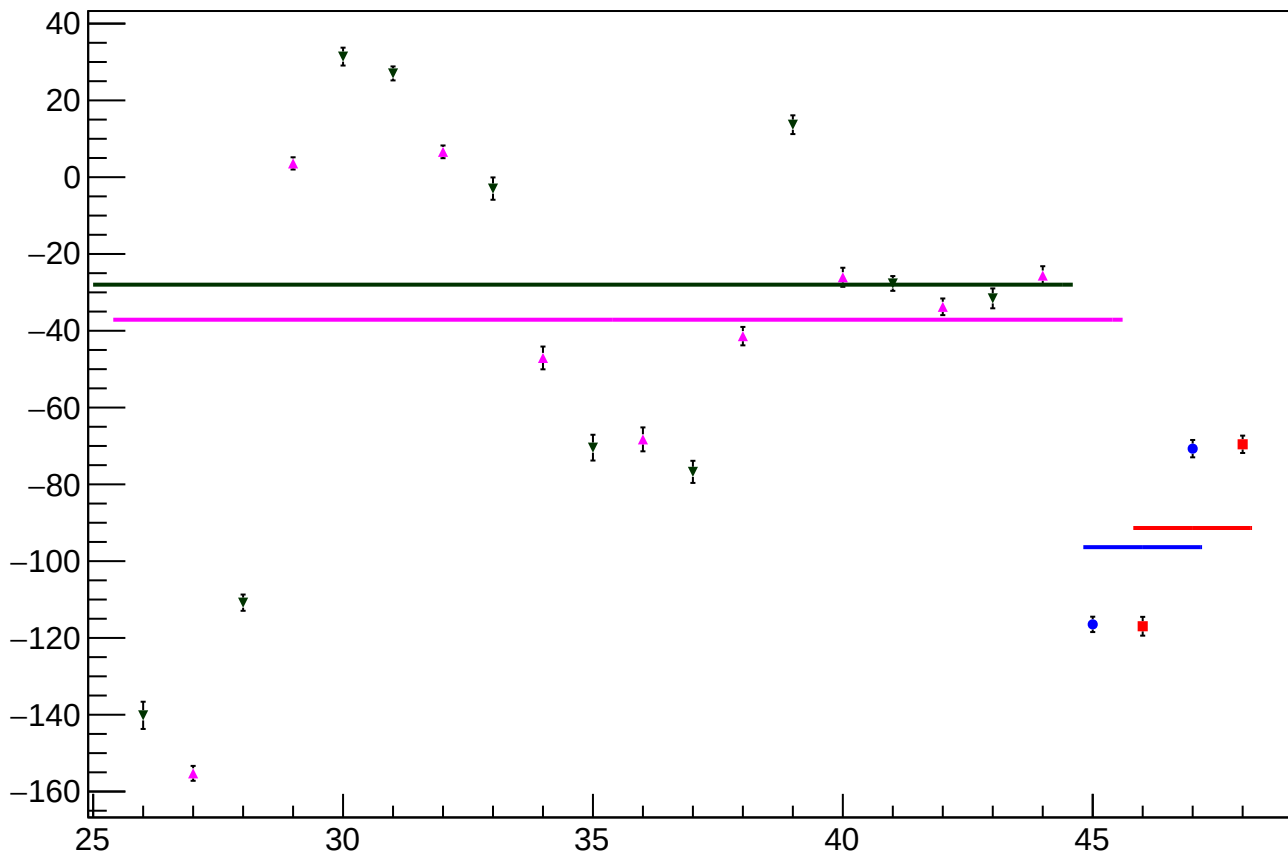
Right Out: 126.386 +/- 0.269 χ^2/NDF : 926.2/1

Left In: 116.827 +/- 0.120 χ^2/NDF : 1139.4/8

94.985 +/- 0.097 χ^2/NDF : 209392.9/11

118.405 +/- 0.109 χ^2/NDF : 3116.6/10

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

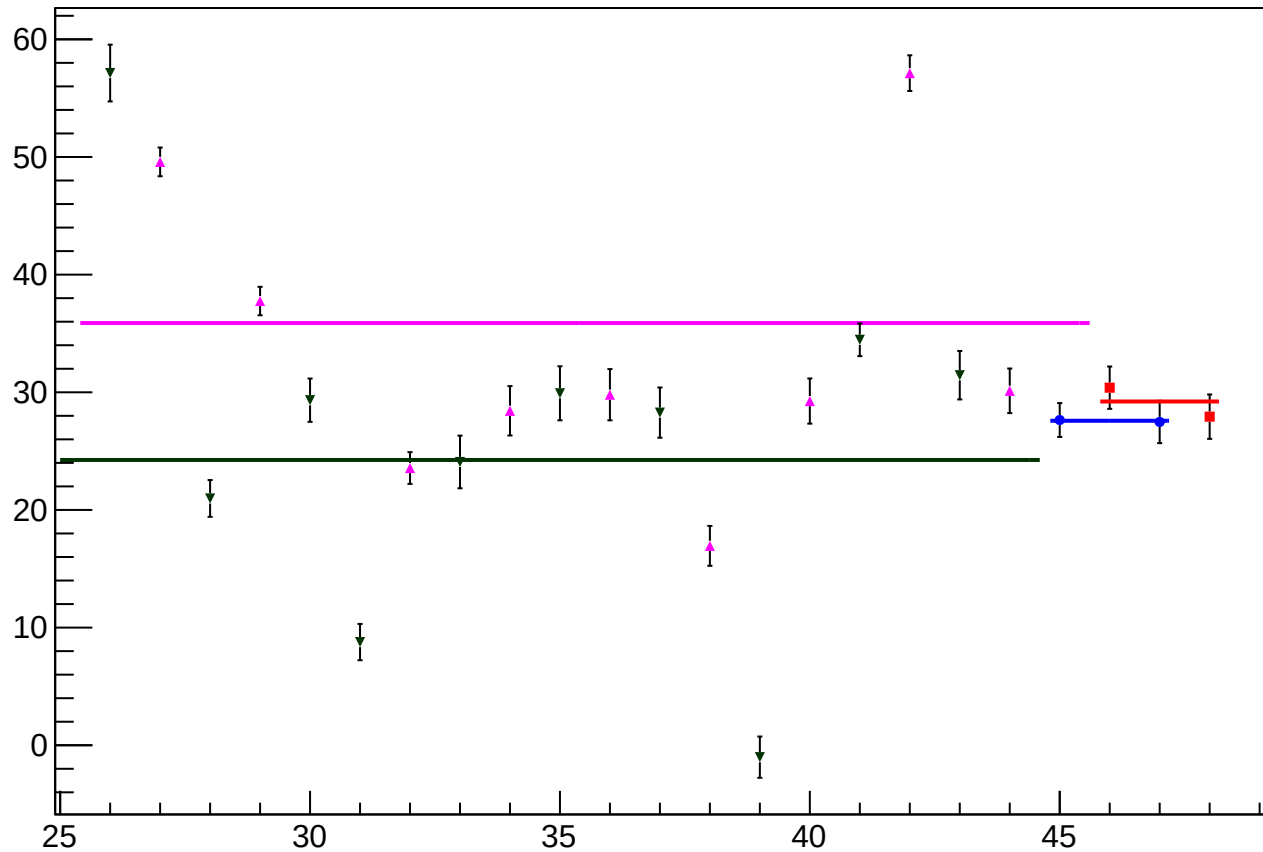
Right Out: -91.366+/-1.661 χ^2/NDF : 202.1/1

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-42.168+/-0.682 χ^2/NDF : 6786.9/11

-45.586+/-0.656 χ^2/NDF : 6321.7/10

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

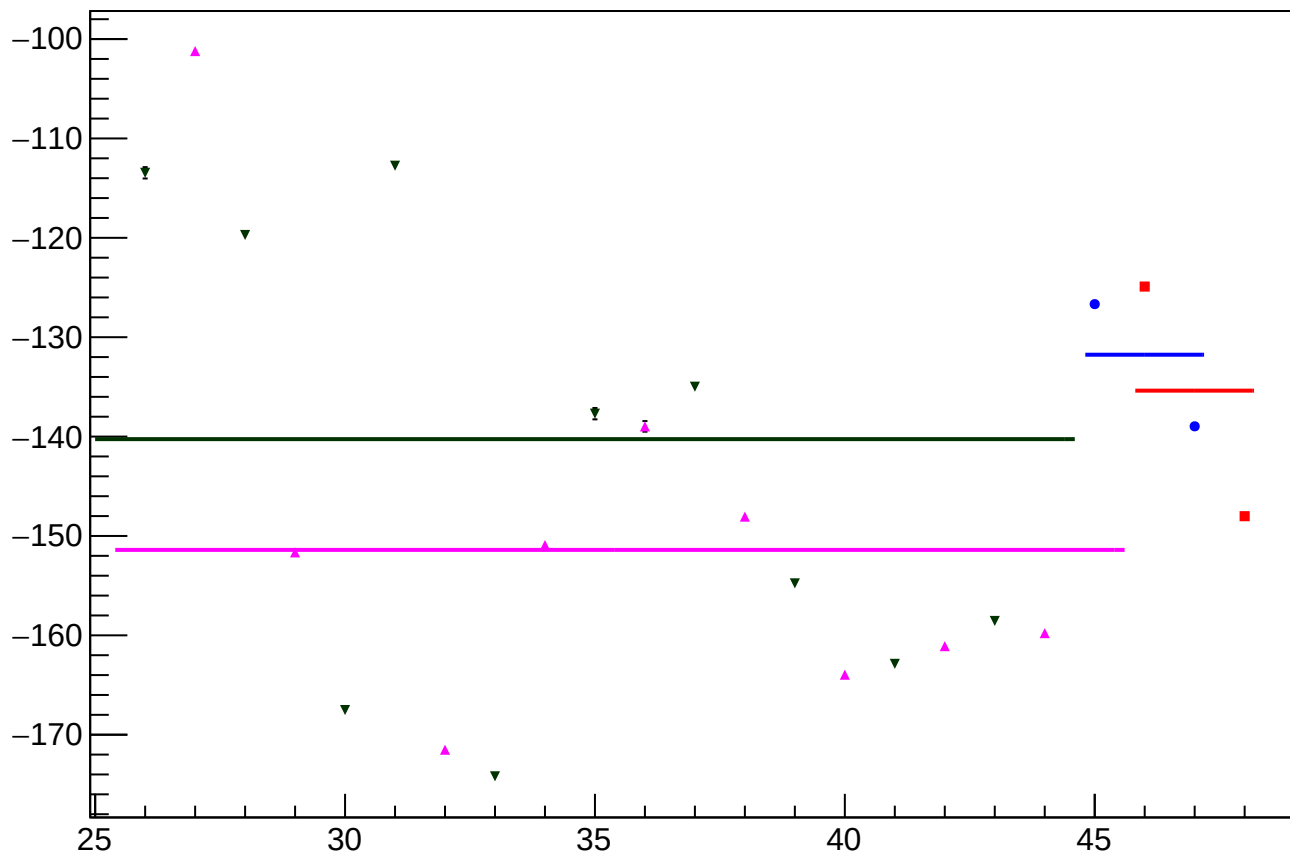
Right Out: 29.219+/-1.302 χ^2/NDF : 0.9/1

Left In: 35.888+/-0.522 χ^2/NDF : 574.5/8

24.945+/-0.515 χ^2/NDF : 588.9/11

34.965+/-0.484 χ^2/NDF : 598.1/10

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

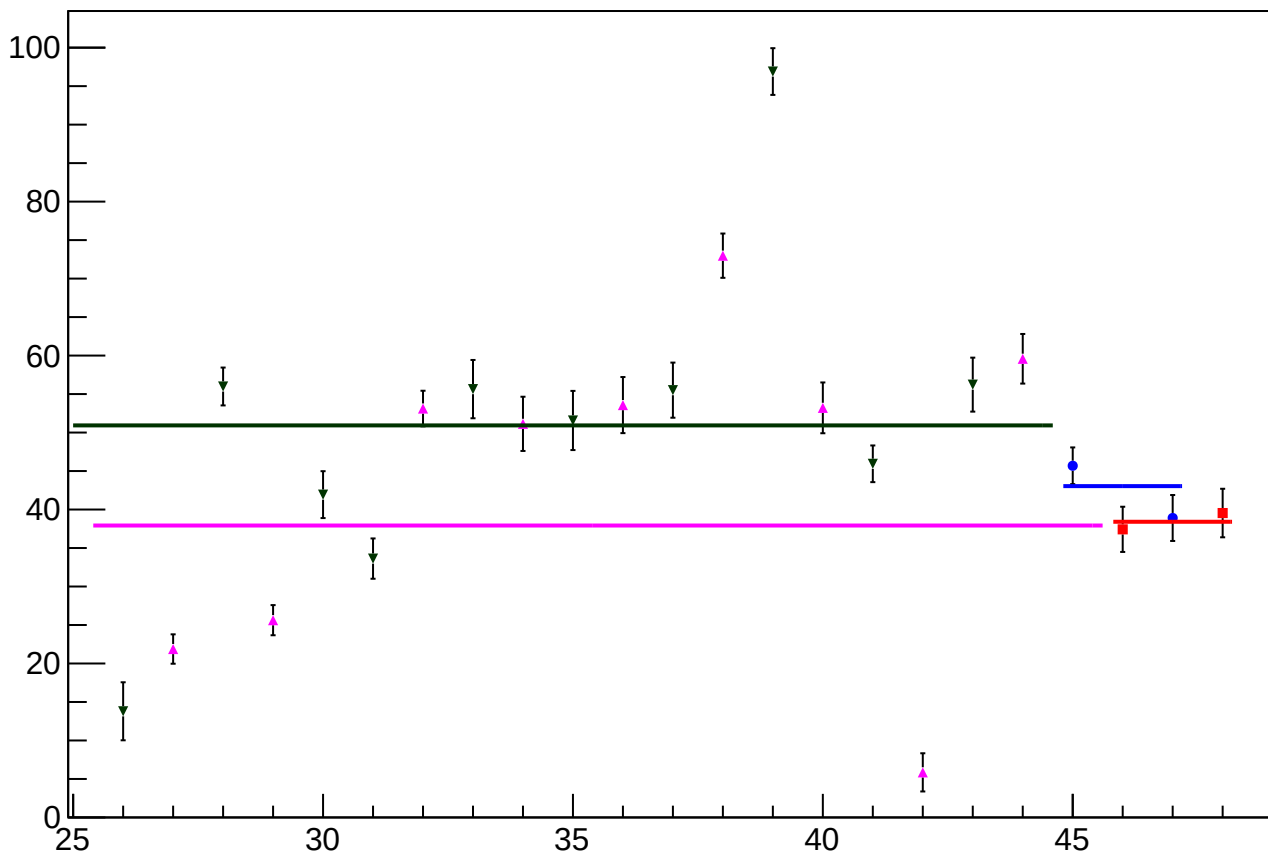
Right Out: -135.377+/-0.274 χ^2/NDF : 1766.2/1

Left In: -151.403+/-0.122 χ^2/NDF : 30317.9/8

-138.555+/-0.109 χ^2/NDF : 37962.5/11

-148.745+/-0.111 χ^2/NDF : 34943.8/10

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 43.041 $\pm$ 1.863 χ^2 /NDF: 3.2/1

Left Out: 50.929 $\pm$ 0.966 χ^2 /NDF: 393.0/9

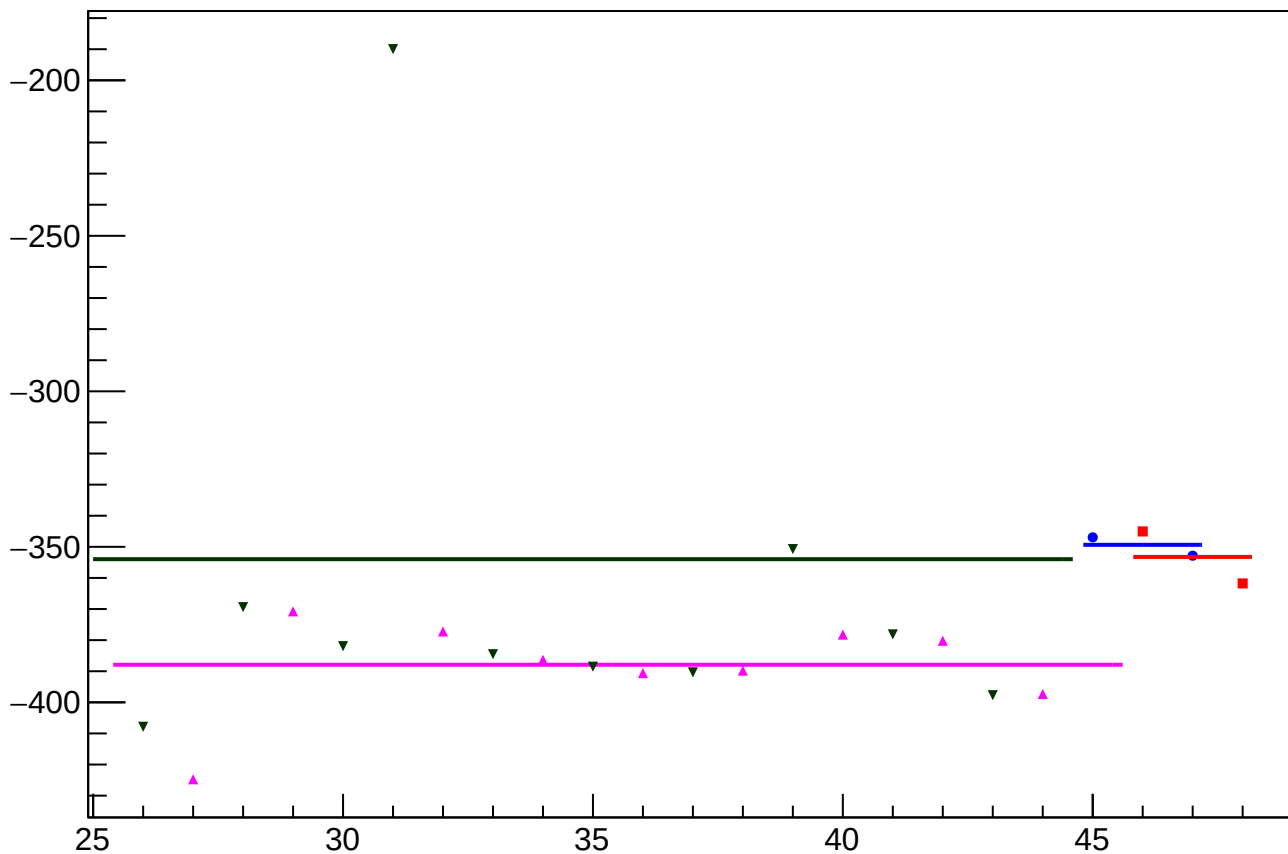
Right Out: 38.411 $\pm$ 2.149 χ^2 /NDF: 0.2/1

Left In: 37.924 $\pm$ 0.861 χ^2 /NDF: 567.9/8

49.256 $\pm$ 0.858 χ^2 /NDF: 410.3/11

37.991 $\pm$ 0.799 χ^2 /NDF: 568.2/10

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

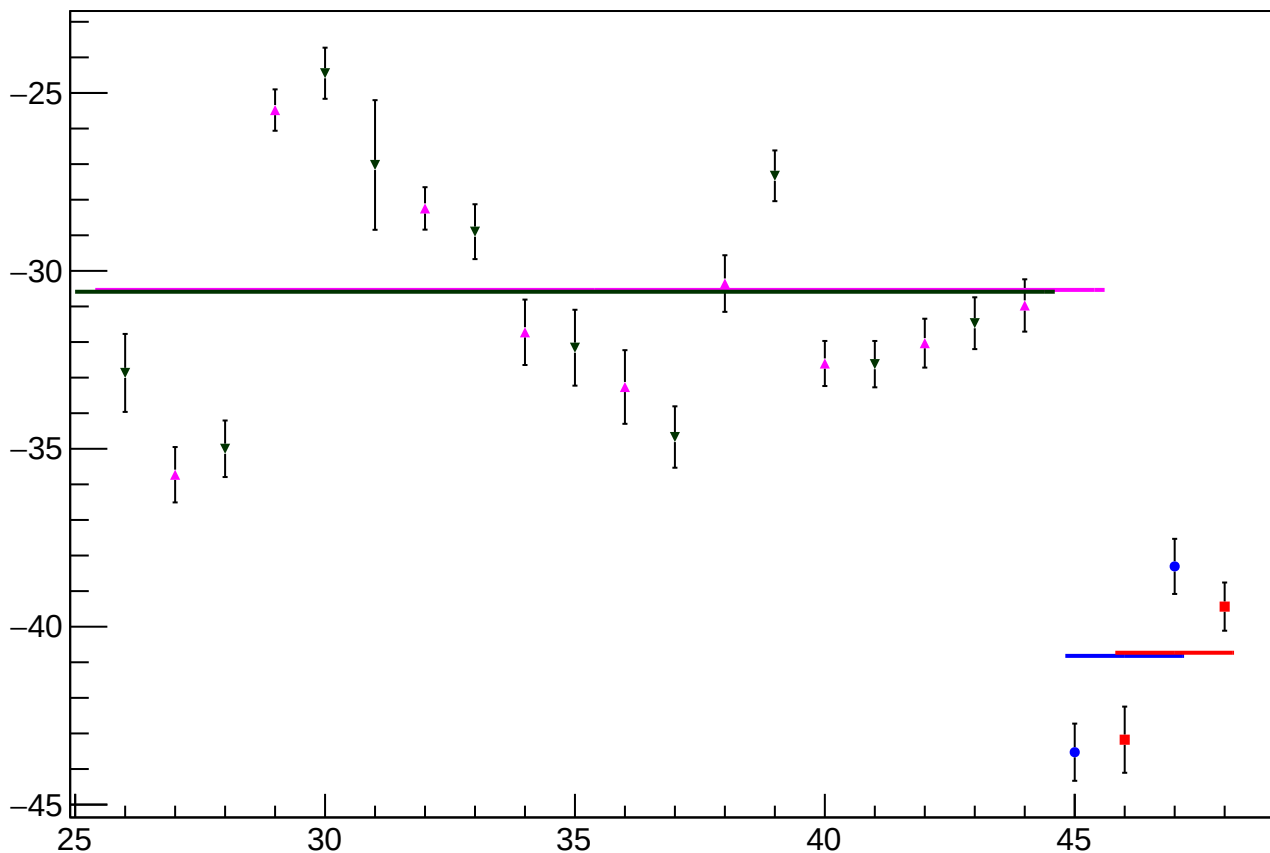
Right Out: -353.242+/-0.413 χ^2/NDF : 410.3/1

Left In: -387.911+/-0.183 χ^2/NDF :8311.6/8

-353.085+/-0.161 χ^2/NDF : 148675.6/11

-382.235+/-0.167 χ^2/NDF : 14629.0/10

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

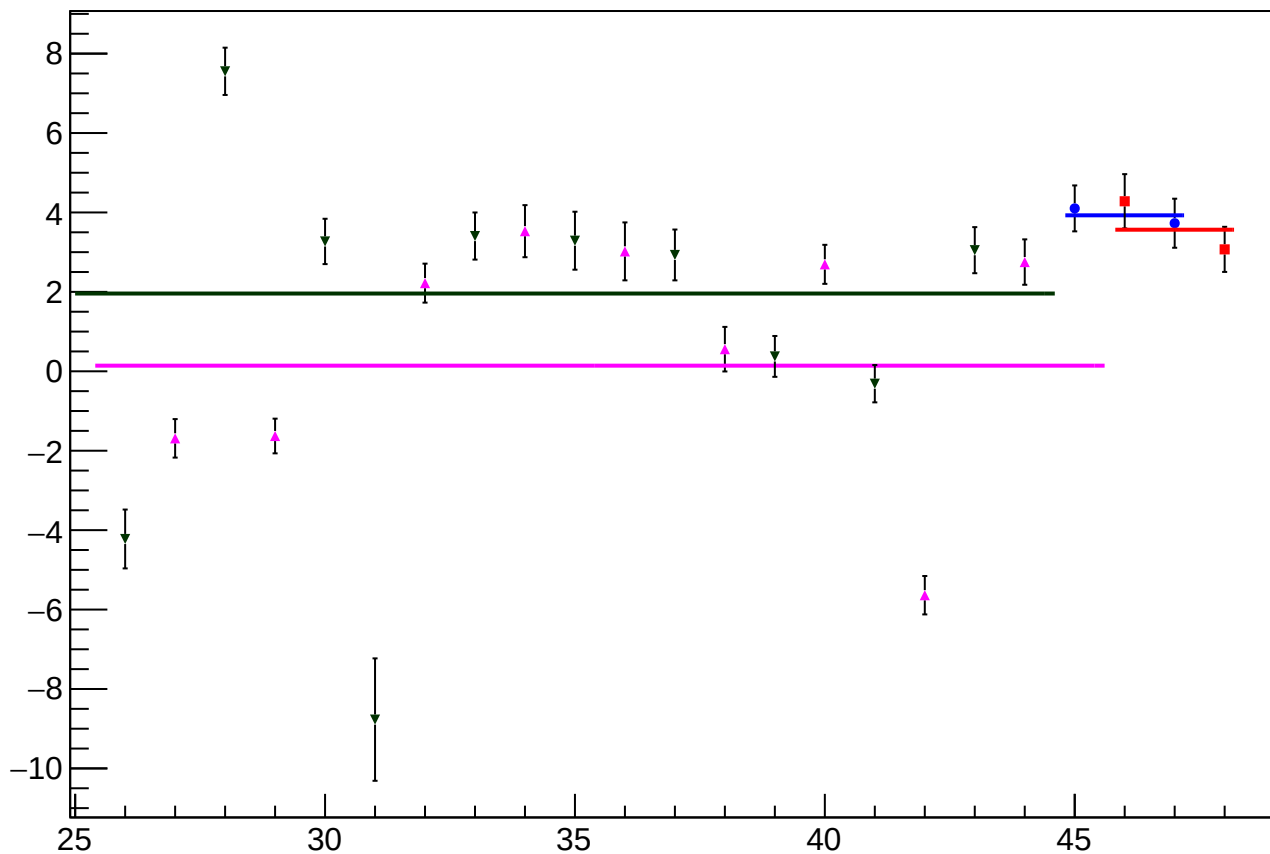
Right Out: -40.732 ± 0.547 χ^2/NDF : 10.6/1

Left In: -30.535 ± 0.239 χ^2/NDF : 159.3/8

-32.416 ± 0.236 χ^2/NDF : 472.0/11

-32.162 ± 0.219 χ^2/NDF : 461.4/10

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 3.928+/-0.422 χ^2/NDF : 0.2/1

Left Out: 1.958+/-0.194 χ^2/NDF : 259.6/9

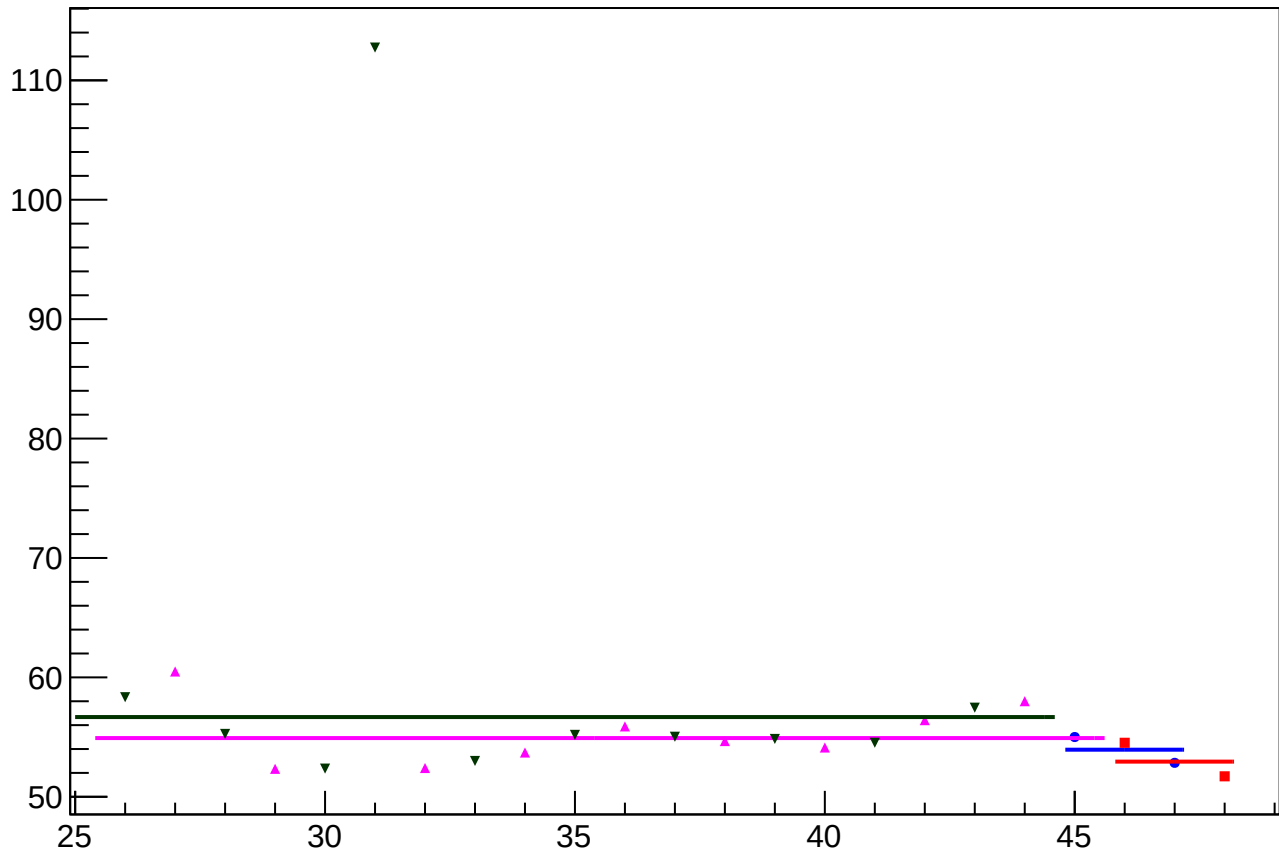
Right Out: 3.565+/-0.437 χ^2/NDF : 1.9/1

Left In: 0.142+/-0.175 χ^2/NDF : 282.1/8

2.302+/-0.176 χ^2/NDF : 277.7/11

0.617+/-0.163 χ^2/NDF : 336.8/10

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 53.944 $\pm$ 0.091 χ^2 /NDF: 140.1/1

Left Out: 56.677 $\pm$ 0.043 χ^2 /NDF: 56330.1/9

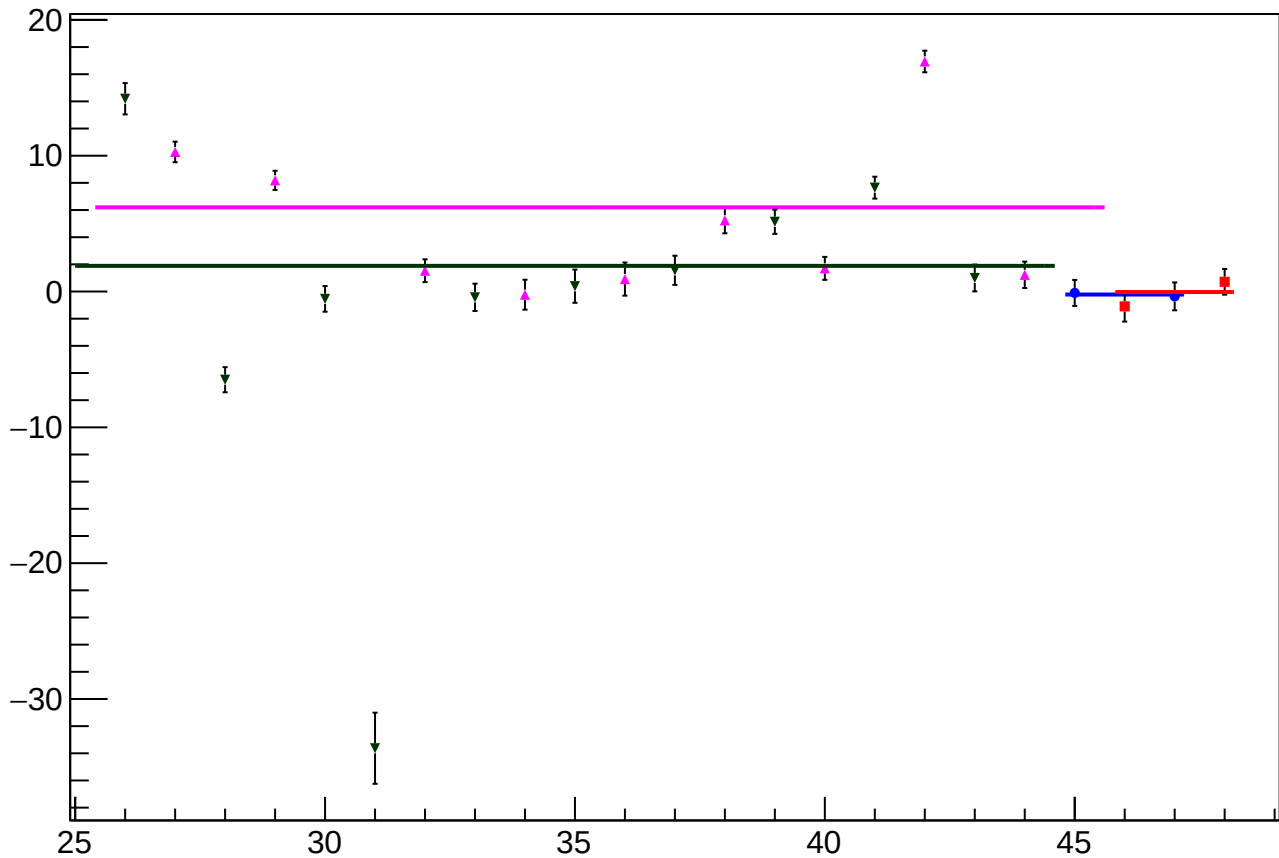
Right Out: 52.945 $\pm$ 0.093 χ^2 /NDF: 225.9/1

Left In: 54.917 $\pm$ 0.041 χ^2 /NDF: 3795.7/8

56.177 $\pm$ 0.039 χ^2 /NDF: 57203.4/11

54.596 $\pm$ 0.037 χ^2 /NDF: 4400.4/10

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

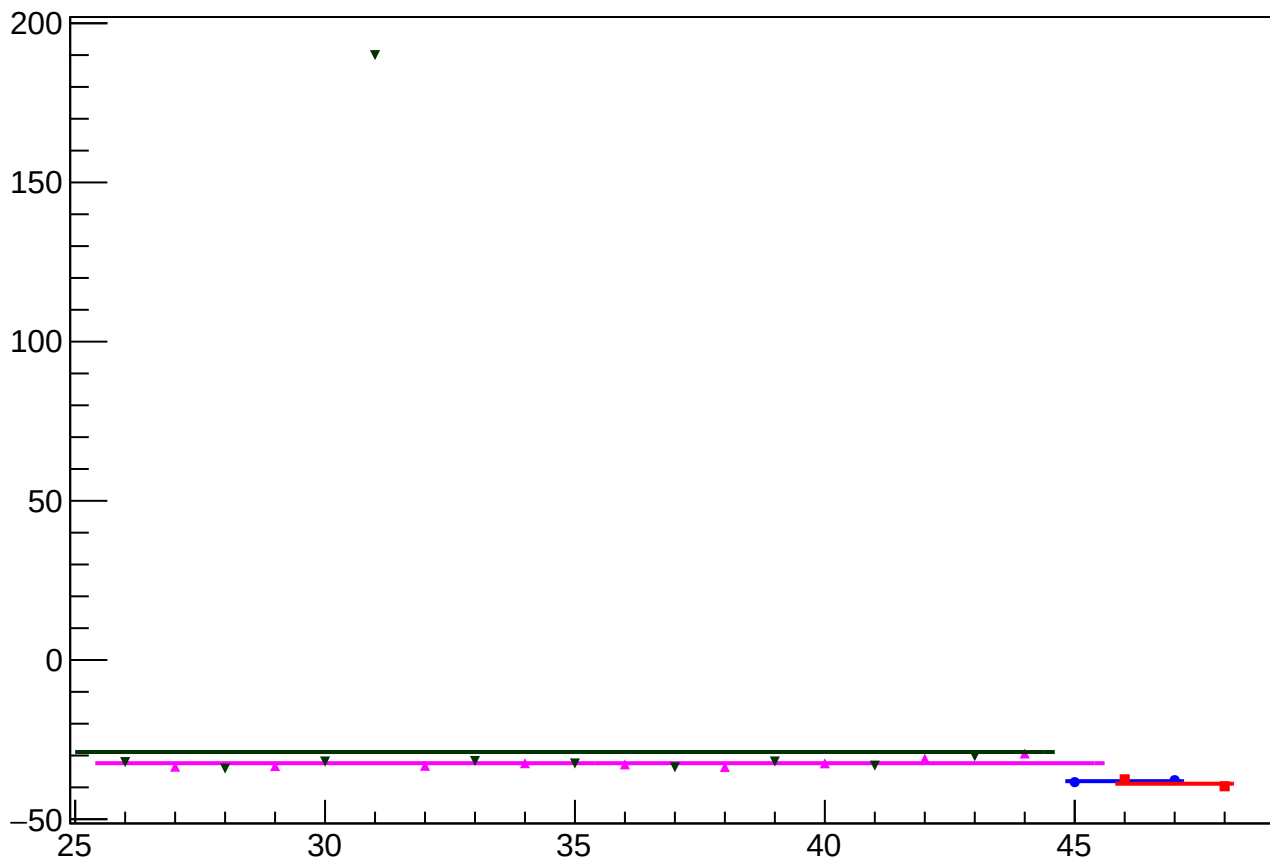
Right Out: -0.038 ± 0.723 χ^2/NDF : 1.5/1

Left In: 6.198 ± 0.291 χ^2/NDF : 358.2/8

1.517 ± 0.294 χ^2/NDF : 466.1/11

5.328 ± 0.270 χ^2/NDF : 423.7/10

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 $\chi^2/\text{NDF}: 220574.6/9$

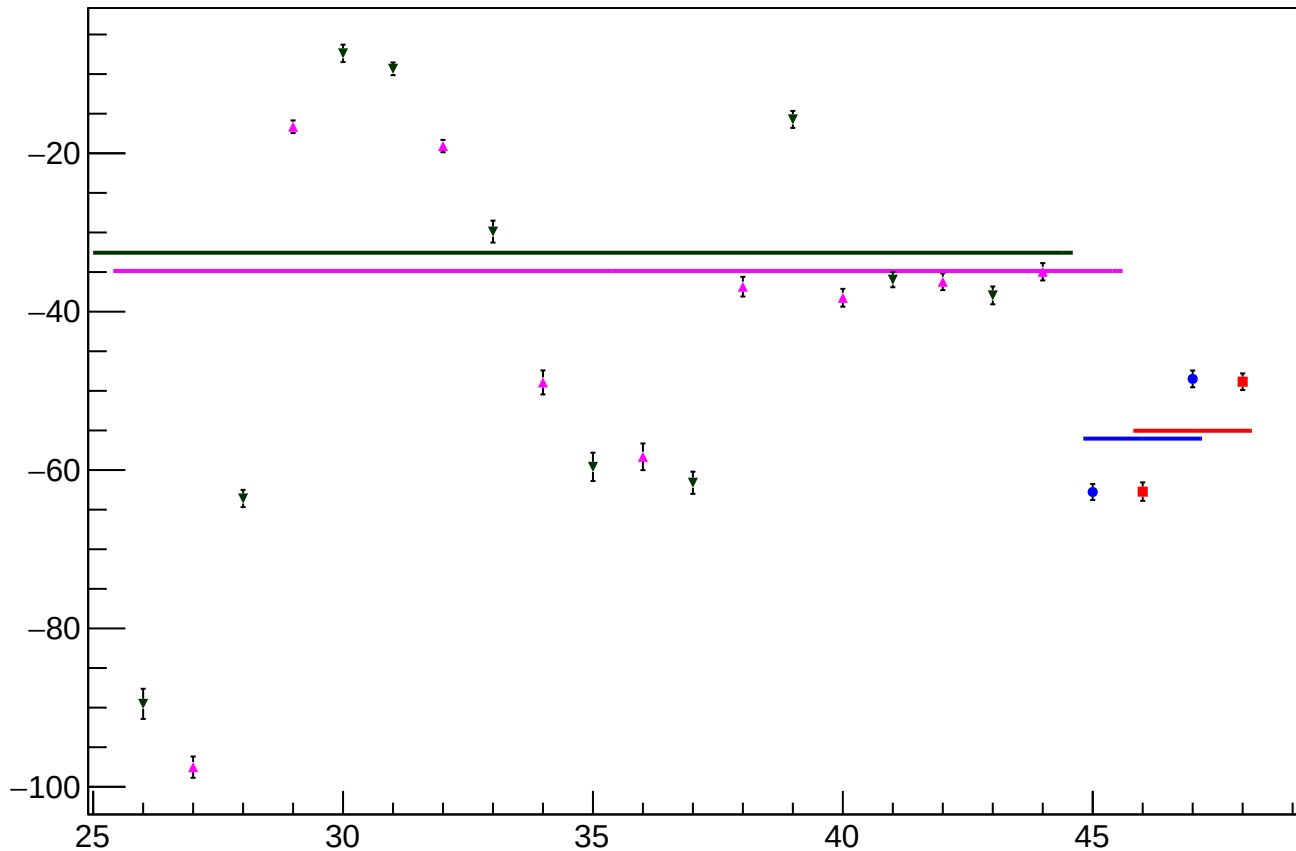
Right Out: -38.857 ± 0.133 $\chi^2/\text{NDF}: 62.6/1$

Left In: -32.407 ± 0.060 $\chi^2/\text{NDF}: 448.7/8$

-30.309 ± 0.054 $\chi^2/\text{NDF}: 224328.0/11$

-33.494 ± 0.055 $\chi^2/\text{NDF}: 2472.4/10$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -56.031 $\pm$ 0.728 χ^2 /NDF: 95.9/1

Left Out: -32.557 $\pm$ 0.362 χ^2 /NDF:4020.8/9

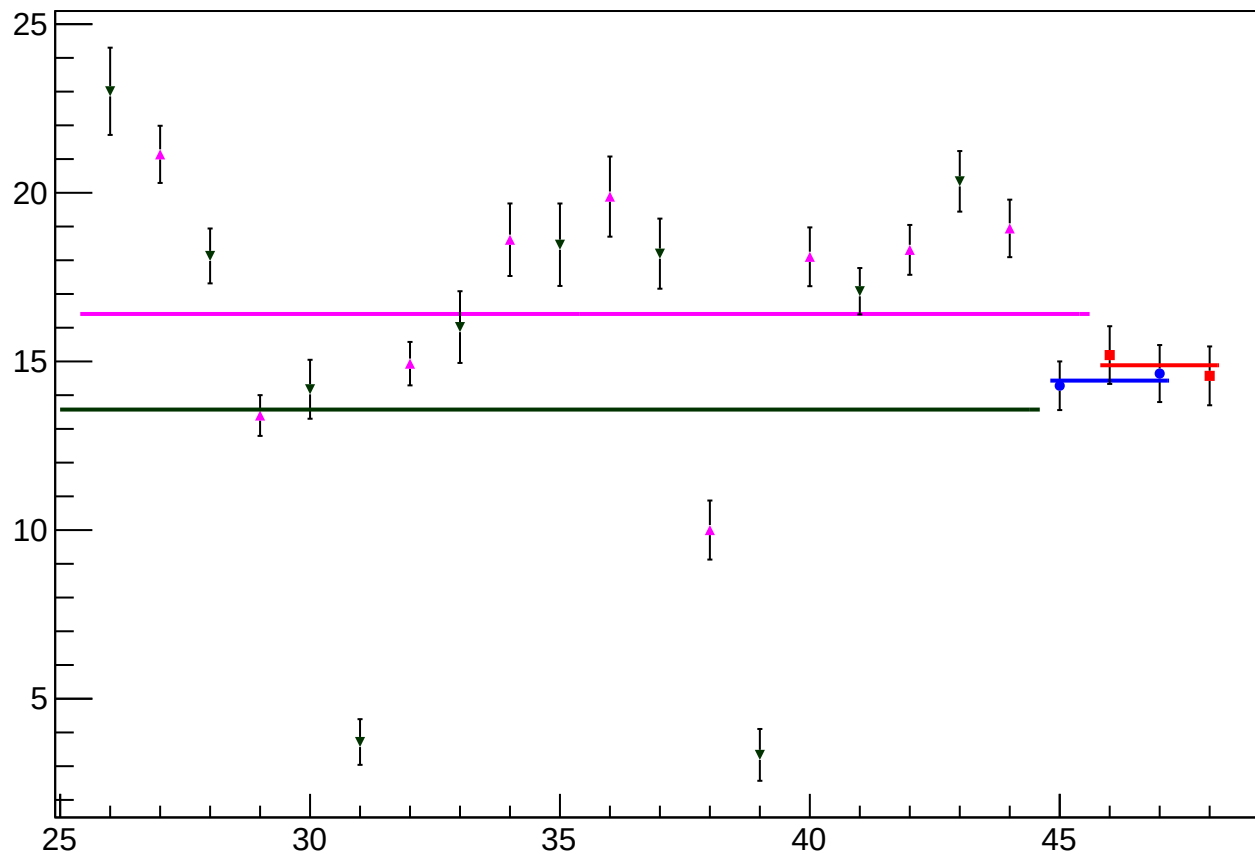
Right Out: -55.037 $\pm$ 0.778 χ^2 /NDF: 78.6/1

Left In: -34.865 $\pm$ 0.360 χ^2 /NDF:3392.2/8

-37.217 $\pm$ 0.324 χ^2 /NDF: 4949.9/11

-38.424 $\pm$ 0.327 χ^2 /NDF: 4023.7/10

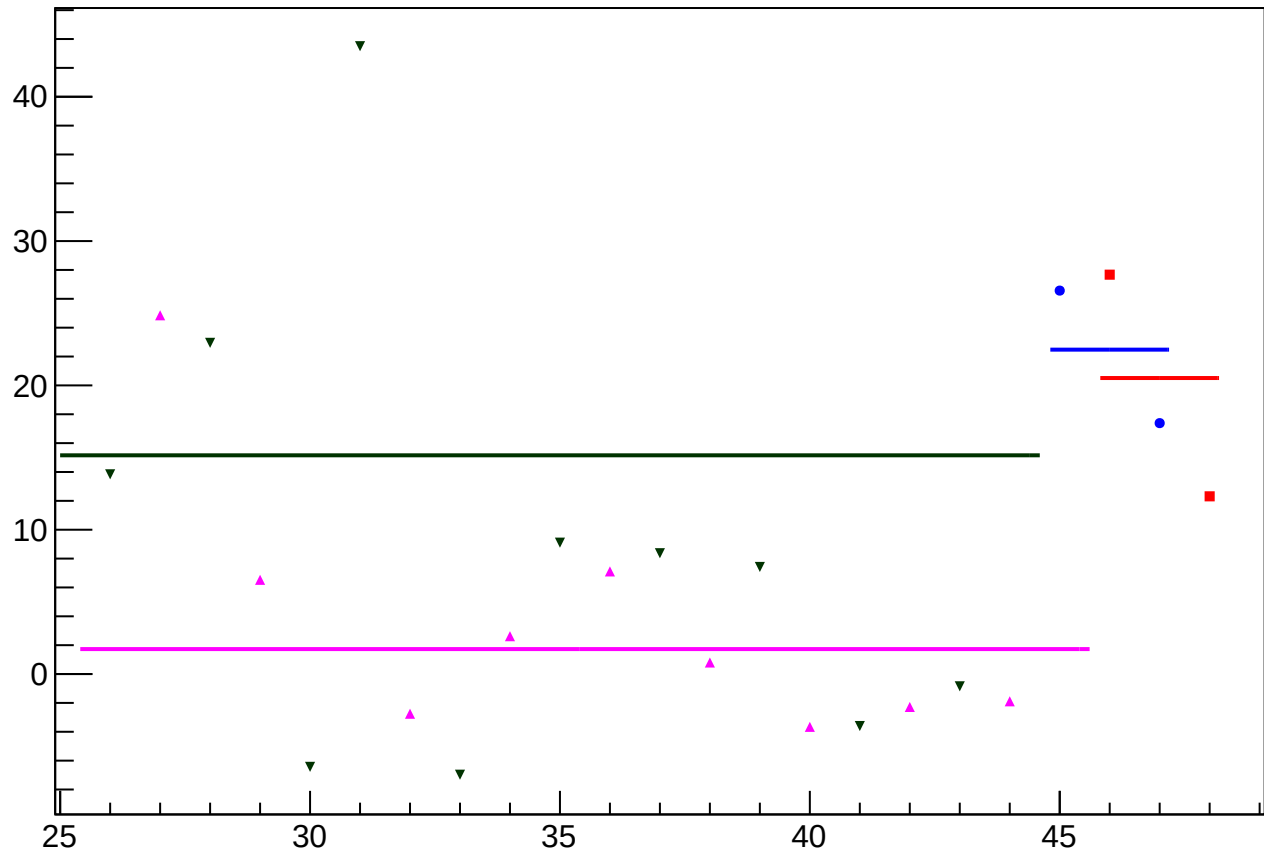
reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 14.432 ± 0.549 χ^2/NDF : 0.1/1
 Left Out: 13.747 ± 0.247 χ^2/NDF : 600.3/11
 Right Out: 14.887 ± 0.611 χ^2/NDF : 0.3/1
 Left In: 16.407 ± 0.268 χ^2/NDF : 146.8/8

13.747 ± 0.247 χ^2/NDF : 600.3/11
 16.162 ± 0.245 χ^2/NDF : 152.2/10

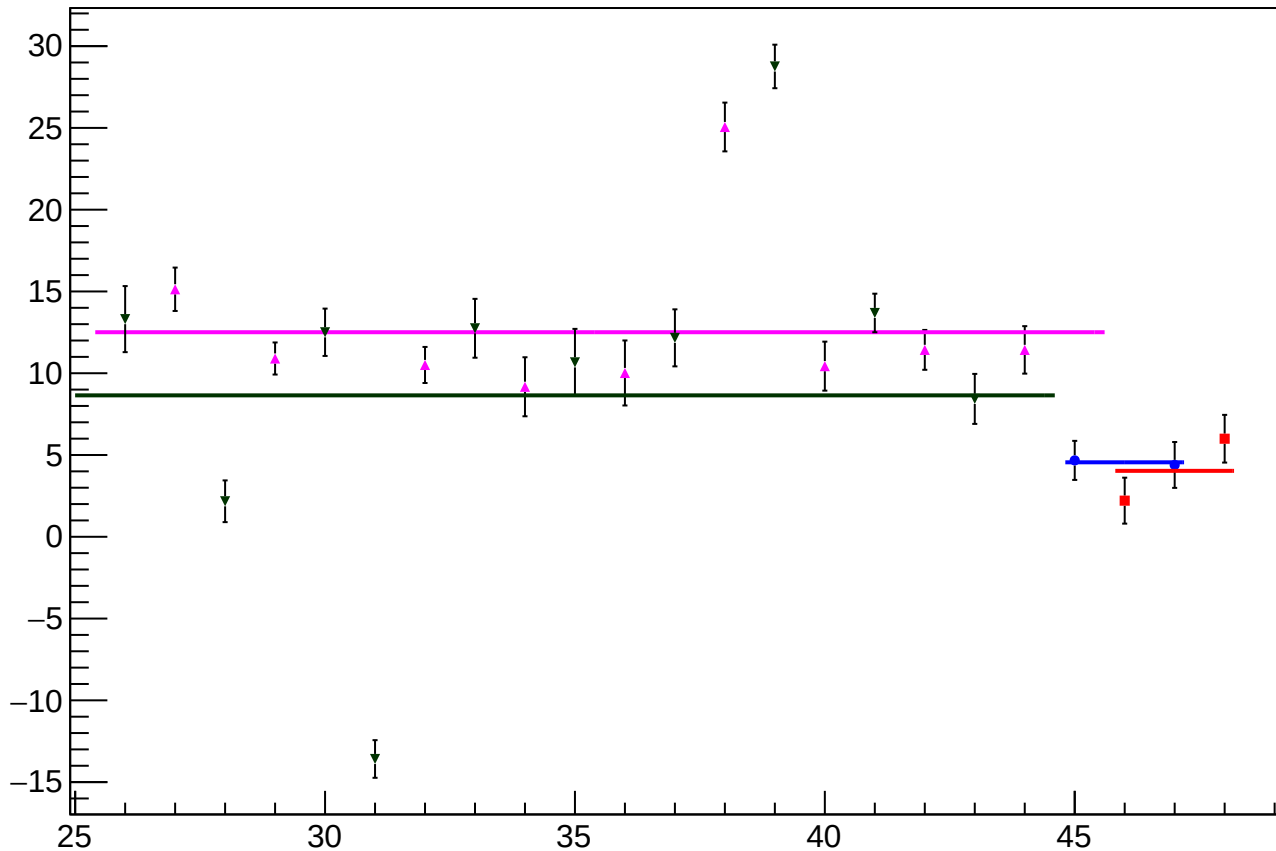
reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 22.477 $\pm$ 0.119 χ^2 /NDF: 1472.8/1
 Left Out: 15.156 $\pm$ 0.057 χ^2 /NDF:119762.0/9
 Right Out: 20.511 $\pm$ 0.128 χ^2 /NDF: 3572.5/1
 Left In: 1.730 $\pm$ 0.061 χ^2 /NDF:13843.5/8

16.532 $\pm$ 0.052 χ^2 /NDF: 124312.6/11
 5.226 $\pm$ 0.055 χ^2 /NDF: 34885.9/10

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug

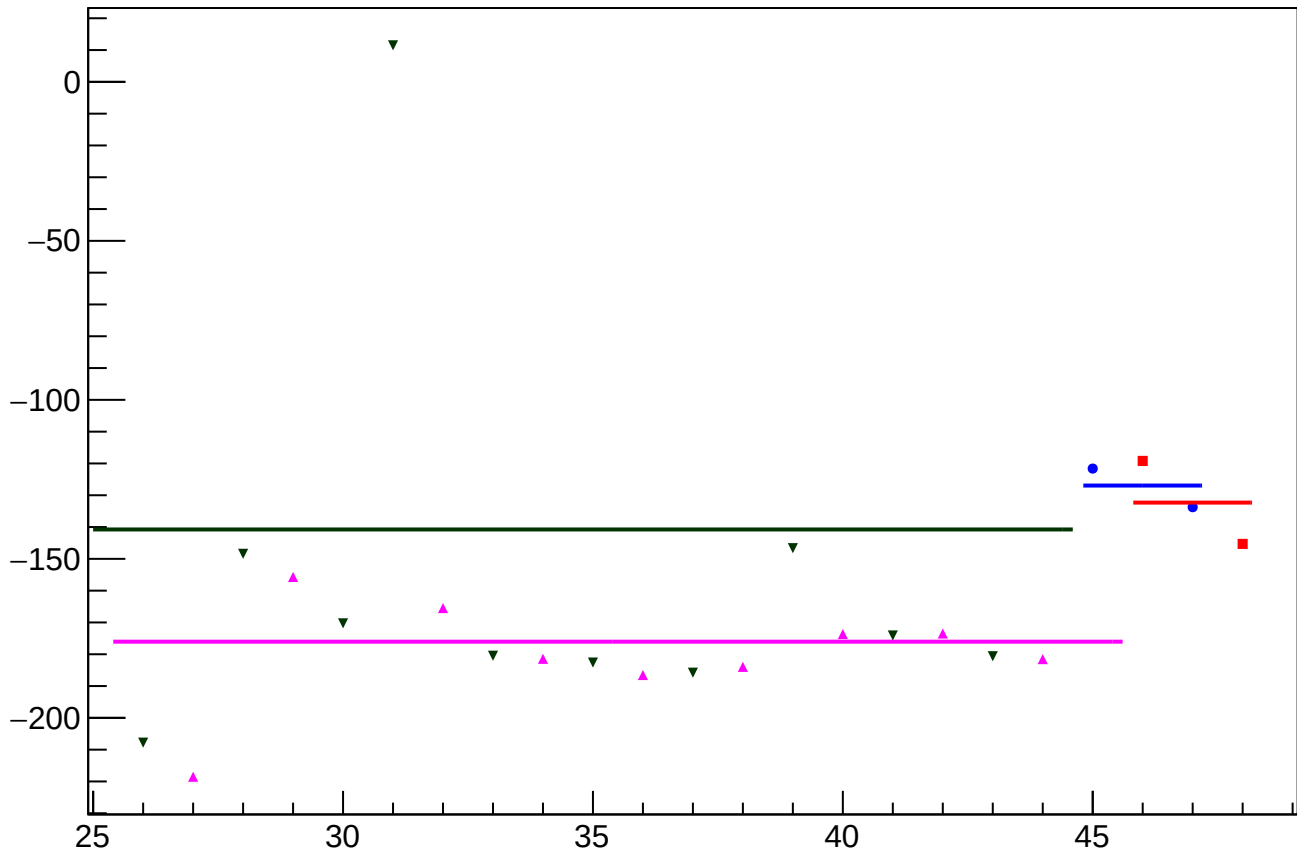


Right In: 4.554 $\pm$ 0.909 χ^2/NDF : 0.0/1
 Left Out: 8.647 $\pm$ 0.462 χ^2/NDF : 668.1/9
 Right Out: 4.031 $\pm$ 1.012 χ^2/NDF : 3.5/1
 Left In: 12.508 $\pm$ 0.446 χ^2/NDF : 89.0/8

7.806 $\pm$ 0.412 χ^2/NDF : 684.3/11

11.130 $\pm$ 0.408 χ^2/NDF : 151.3/10

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

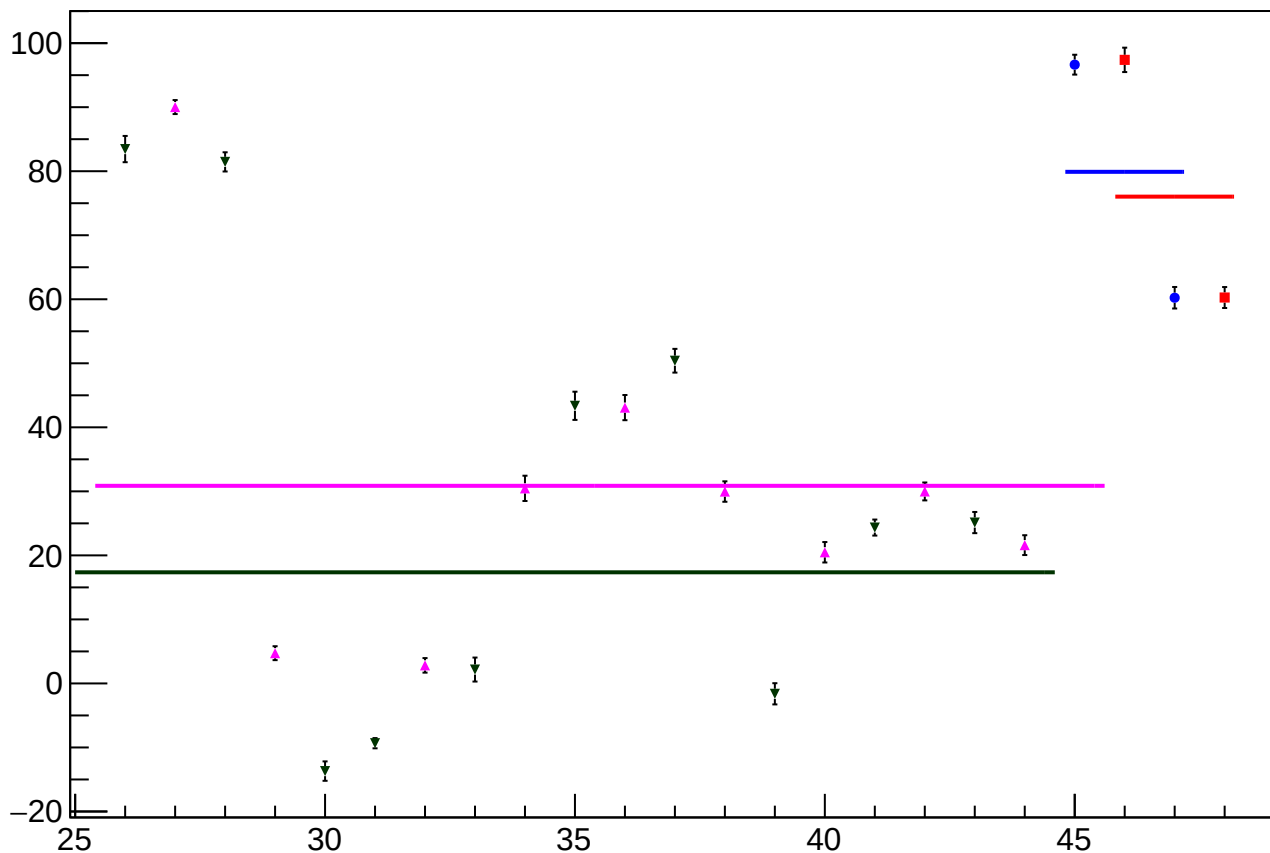
Right Out: -132.309+/-0.194 χ^2/NDF : 4511.8/1

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-138.196+/-0.077 χ^2/NDF : 696479.7/11

-167.950+/-0.084 χ^2/NDF : 74983.6/10

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

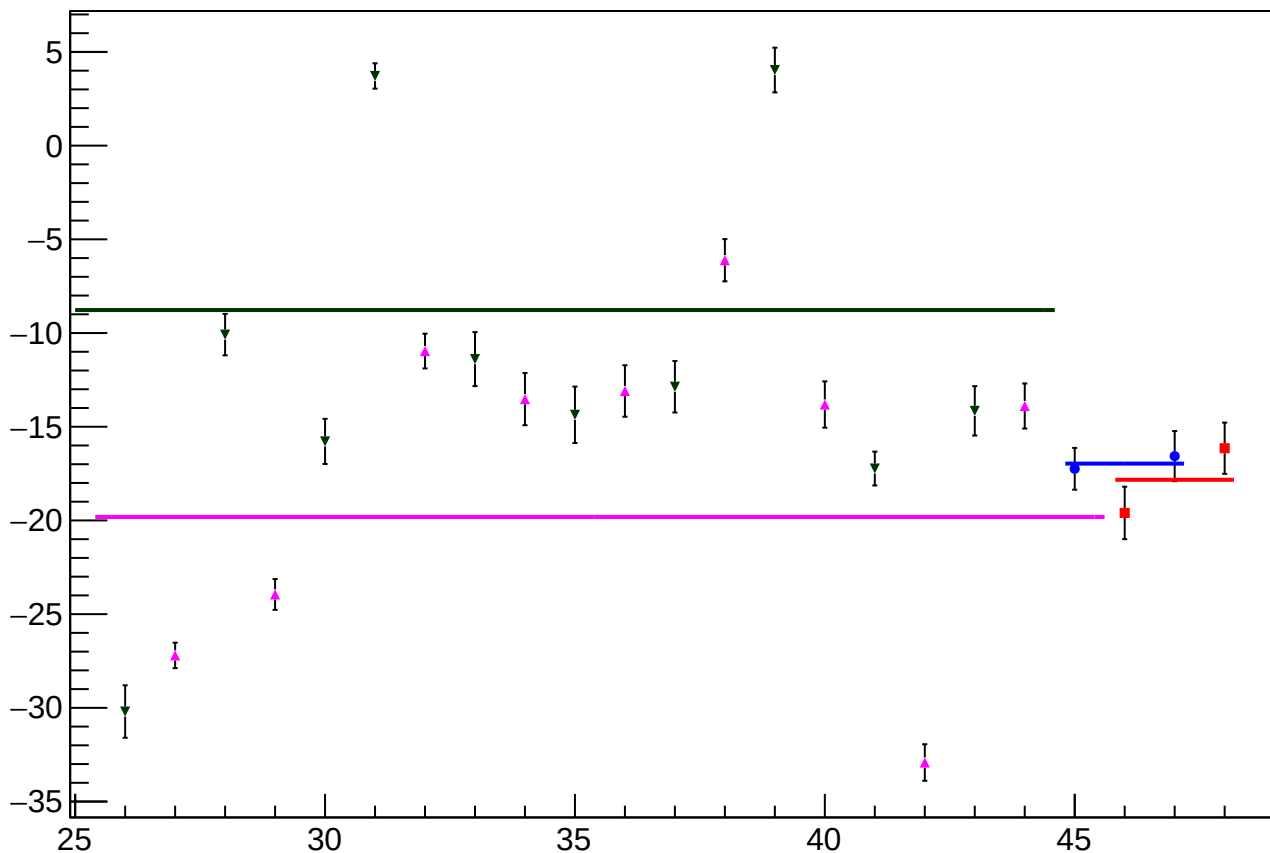
Right Out: 76.030+/-1.241 χ^2/NDF : 218.5/1

Left In: 30.865+/-0.462 χ^2/NDF : 4236.0/8

25.952+/-0.422 χ^2/NDF : 7959.6/11

36.358+/-0.433 χ^2/NDF : 5617.8/10

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 $\chi^2/\text{NDF}: 855.1/9$

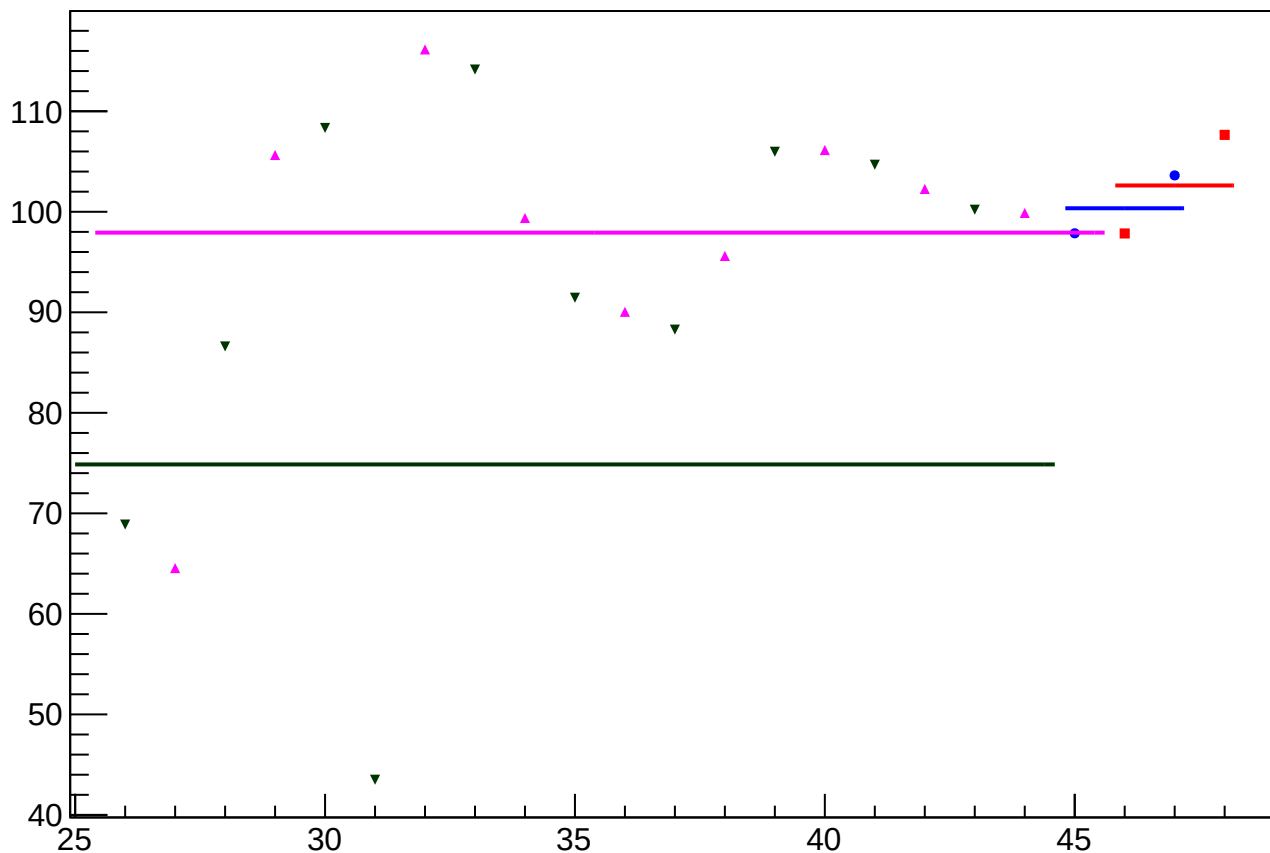
Right Out: -17.830 ± 0.978 $\chi^2/\text{NDF}: 3.1/1$

Left In: -19.816 ± 0.333 $\chi^2/\text{NDF}: 655.3/8$

-9.946 ± 0.324 $\chi^2/\text{NDF}: 933.6/11$

-19.611 ± 0.315 $\chi^2/\text{NDF}: 662.1/10$

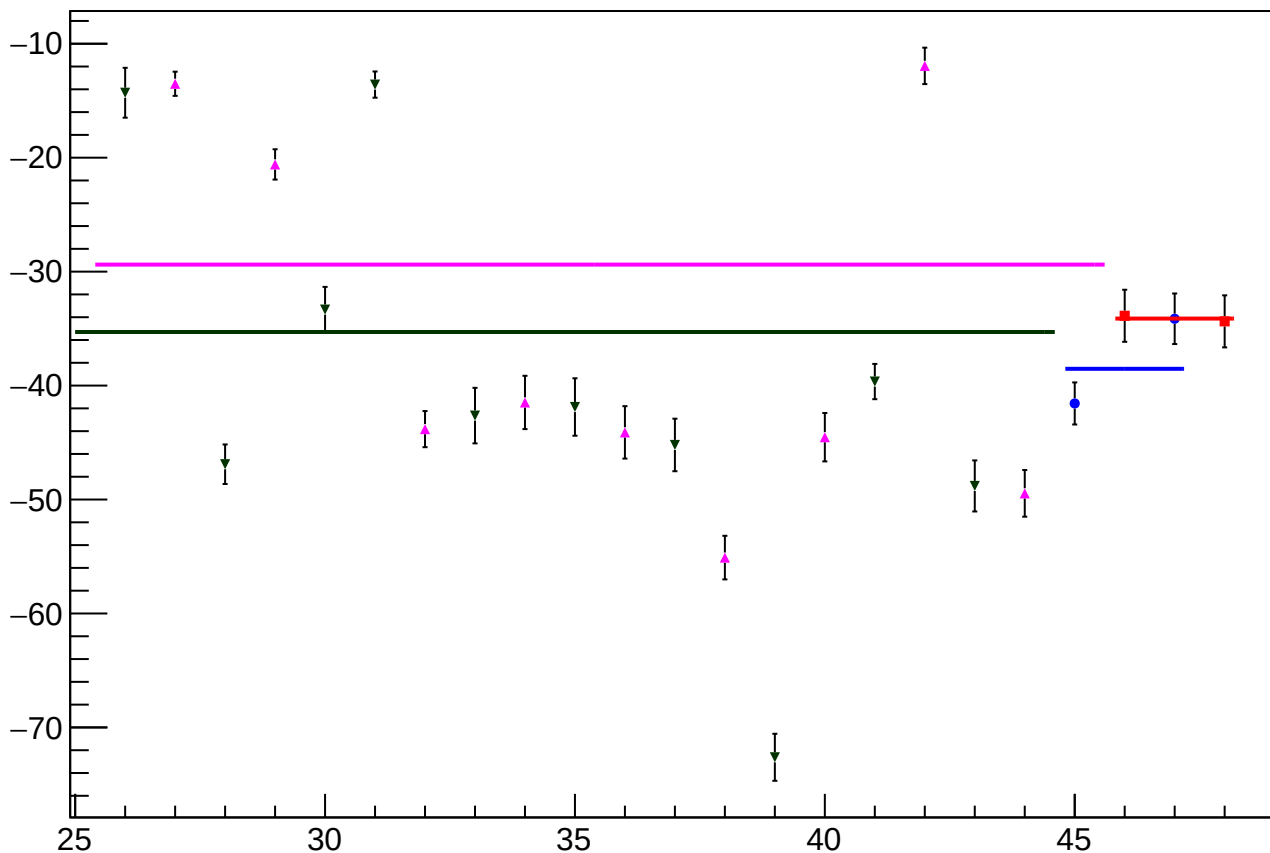
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



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: 102.618 $\pm$ 0.206 χ^2/NDF : 565.0/1
 Left In: 97.925 $\pm$ 0.079 χ^2/NDF :43942.4/8

78.028 $\pm$ 0.065 χ^2/NDF : 185356.8/11
 98.527 $\pm$ 0.074 χ^2/NDF : 44958.8/10

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.528 ± 1.419 χ^2/NDF : 6.6/1

Left Out: -35.297 ± 0.586 χ^2/NDF : 899.8/9

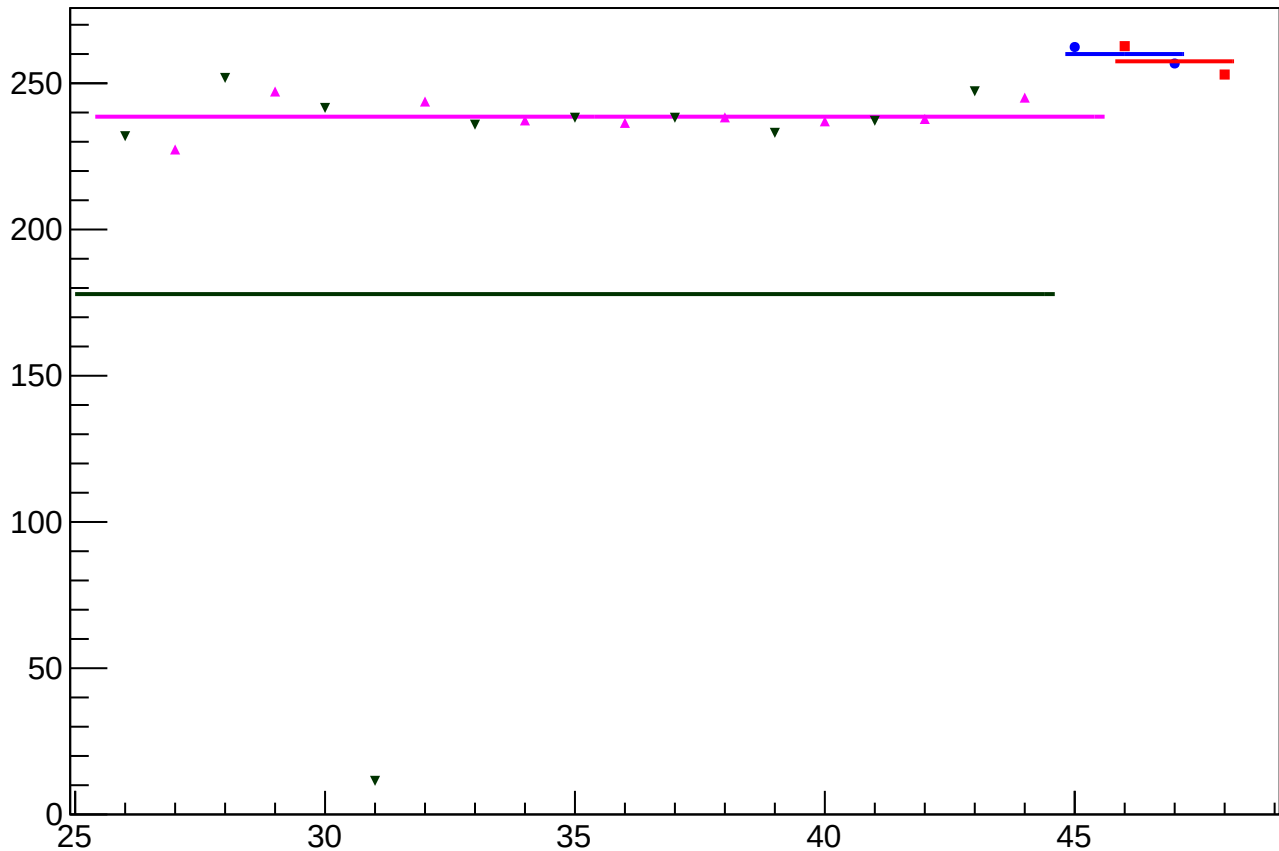
Right Out: -34.120 ± 1.615 χ^2/NDF : 0.0/1

Left In: -29.383 ± 0.546 χ^2/NDF : 865.1/8

-35.767 ± 0.542 χ^2/NDF : 910.8/11

-29.870 ± 0.518 χ^2/NDF : 872.9/10

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

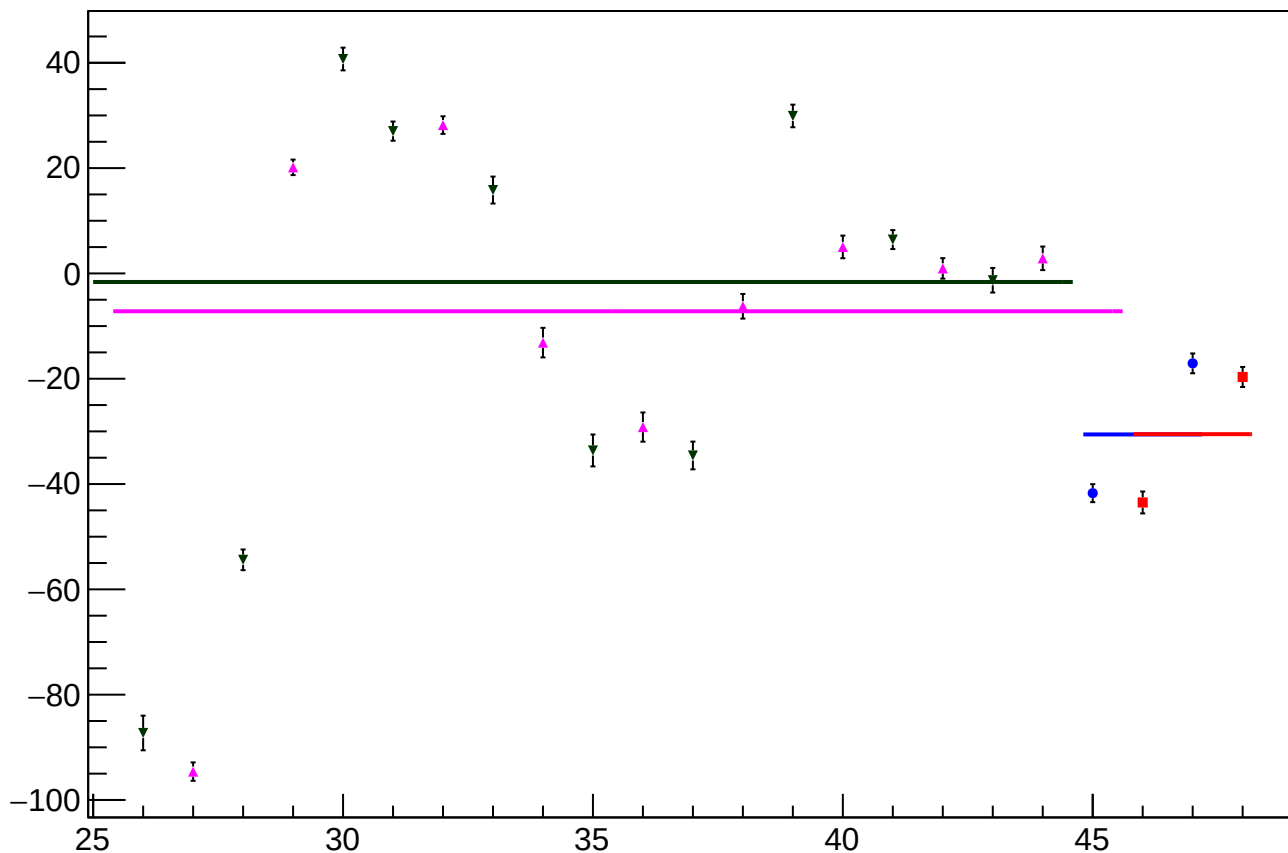
Right Out: 257.507 $\pm$ 0.307 χ^2/NDF : 249.2/1

Left In: 238.578 $\pm$ 0.118 χ^2/NDF : 3012.9/8

188.509 $\pm$ 0.100 χ^2/NDF : 967136.1/11

241.003 $\pm$ 0.110 χ^2/NDF : 6585.4/10

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

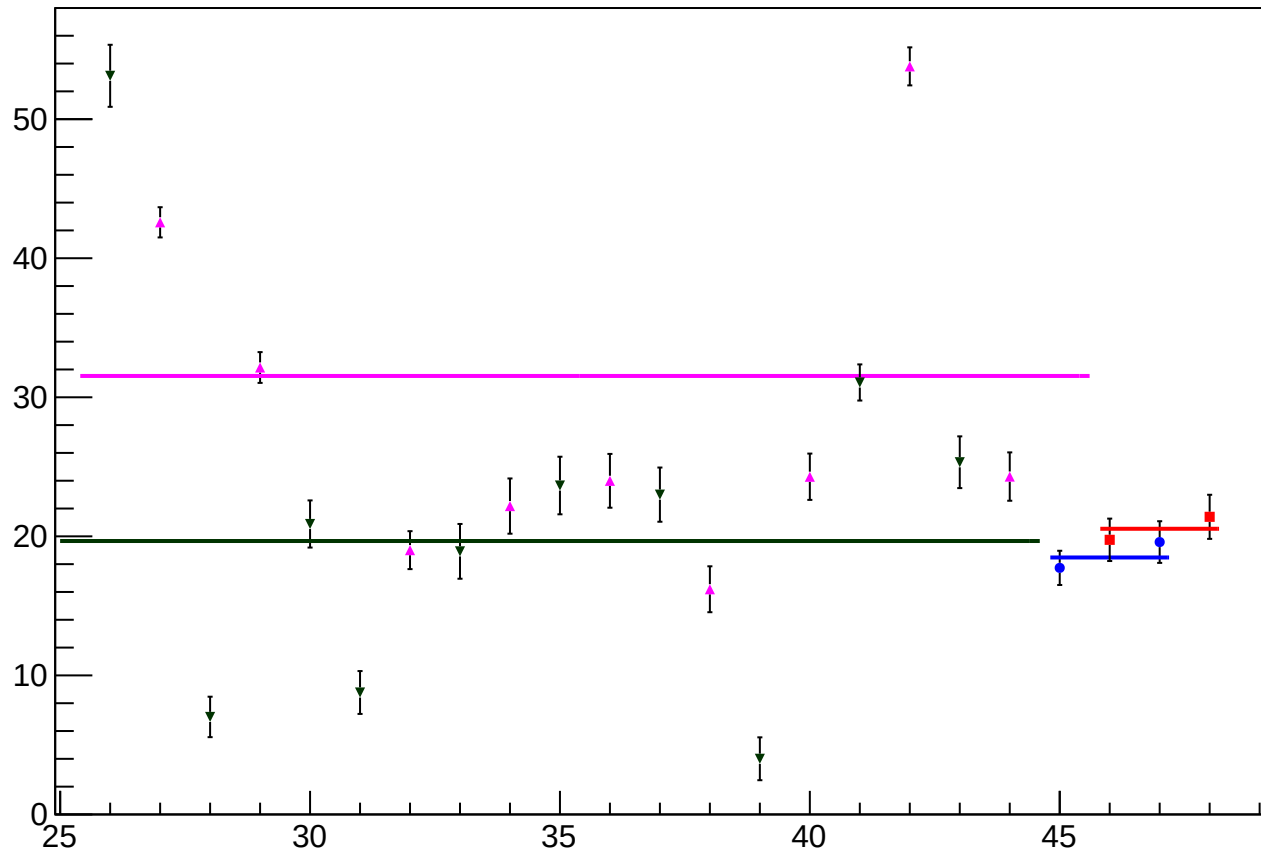
Right Out: -30.528+/-1.403 χ^2/NDF : 71.6/1

Left In: -7.188+/-0.664 χ^2/NDF : 3435.6/8

-8.565+/-0.619 χ^2/NDF : 3072.5/11

-11.457+/-0.600 χ^2/NDF : 3733.1/10

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

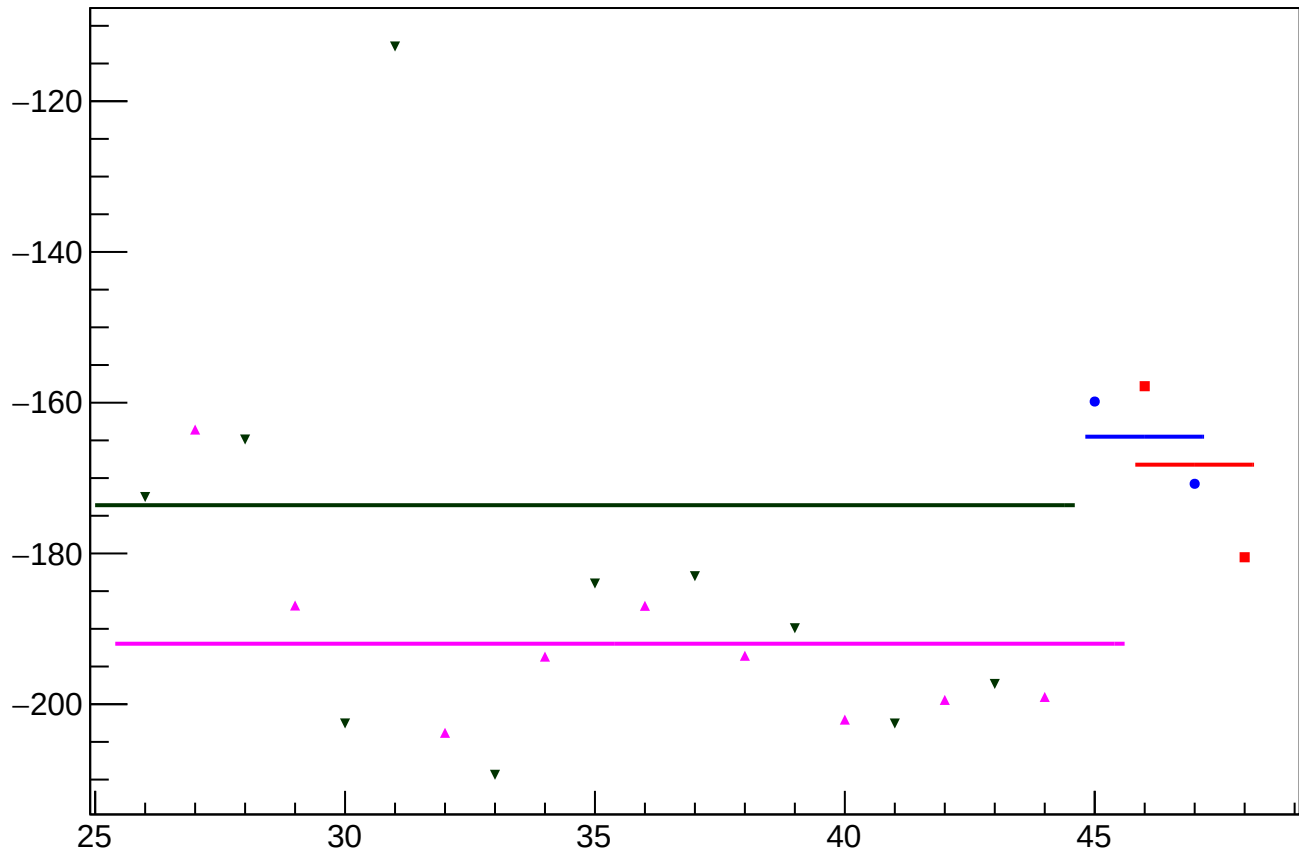
Right Out: 20.544 $\pm$ 1.099 χ^2 /NDF: 0.6/1

Left In: 31.534 $\pm$ 0.481 χ^2 /NDF: 612.9/8

19.380 $\pm$ 0.466 χ^2 /NDF: 549.3/11

29.764 $\pm$ 0.441 χ^2 /NDF: 697.4/10

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -164.508+/-0.207 $\chi^2/\text{NDF}: 682.9/1$

Left Out: -173.597+/-0.114 $\chi^2/\text{NDF}: 92522.3/9$

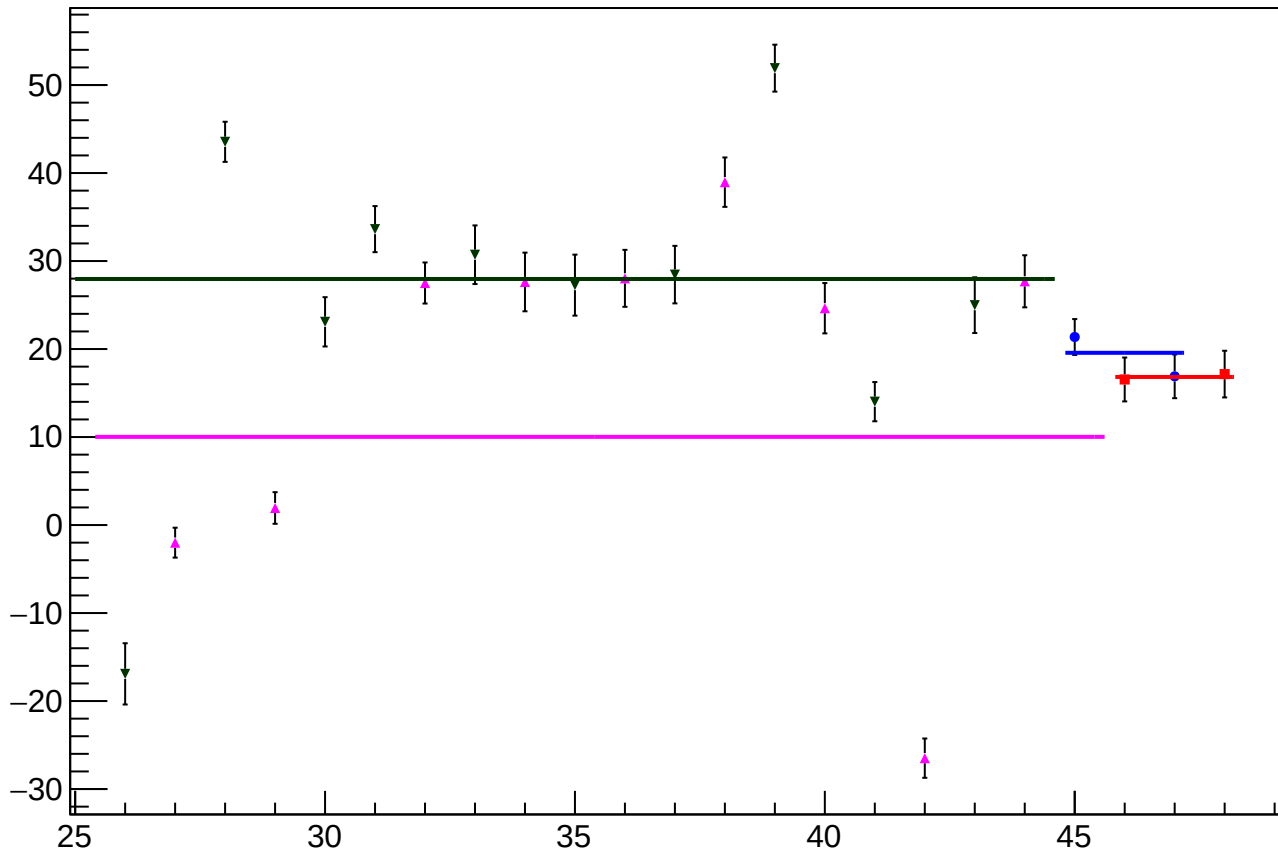
Right Out: -168.222+/-0.231 $\chi^2/\text{NDF}: 2394.2/1$

Left In: -191.976+/-0.115 $\chi^2/\text{NDF}: 12393.0/8$

-171.464+/-0.100 $\chi^2/\text{NDF}: 94686.9/11$

-187.292+/-0.103 $\chi^2/\text{NDF}: 23269.4/10$

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

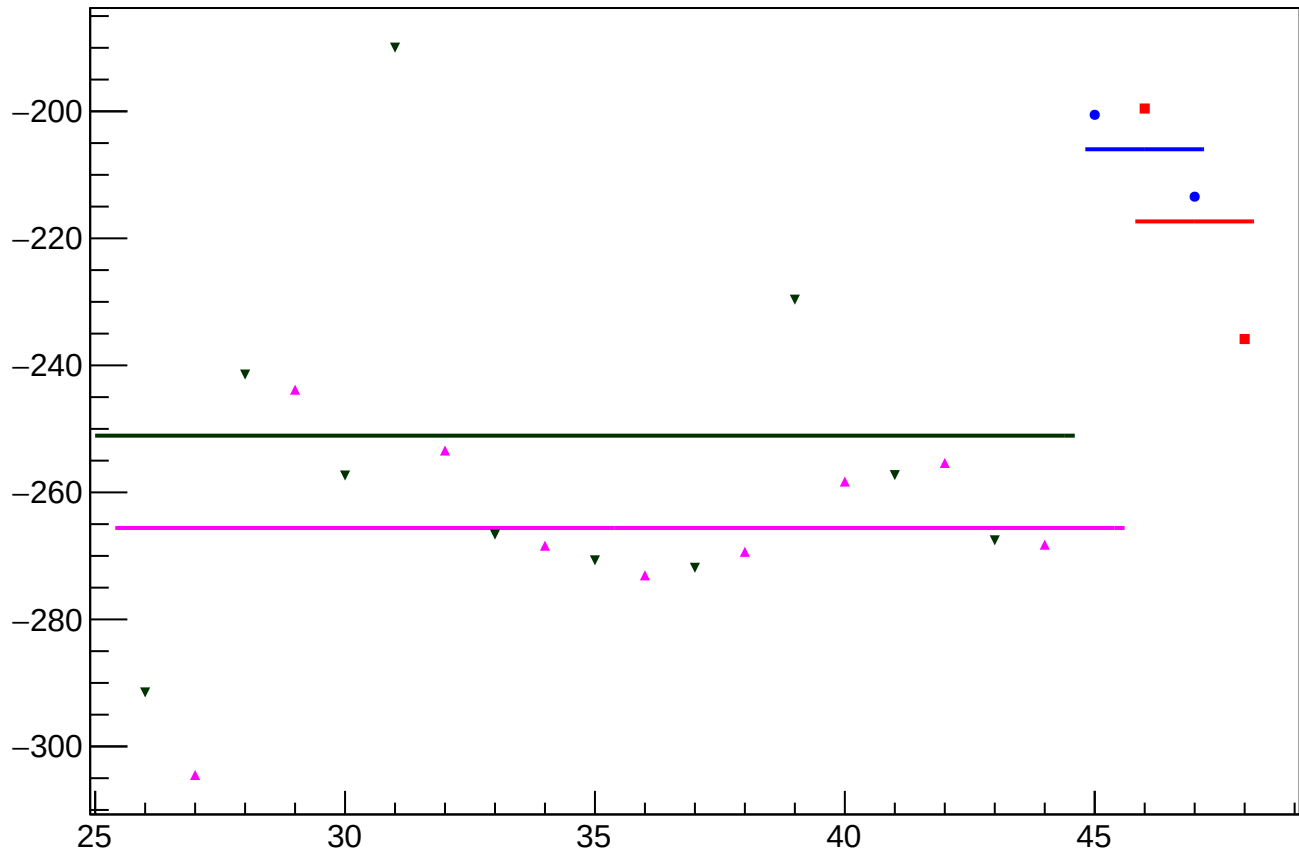
Right Out: 16.828 $\pm$ 1.816 χ^2 /NDF: 0.0/1

Left In: 10.019 $\pm$ 0.793 χ^2 /NDF:620.9/8

25.924 $\pm$ 0.776 χ^2 /NDF: 365.5/11

11.110 $\pm$ 0.727 χ^2 /NDF: 632.7/10

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

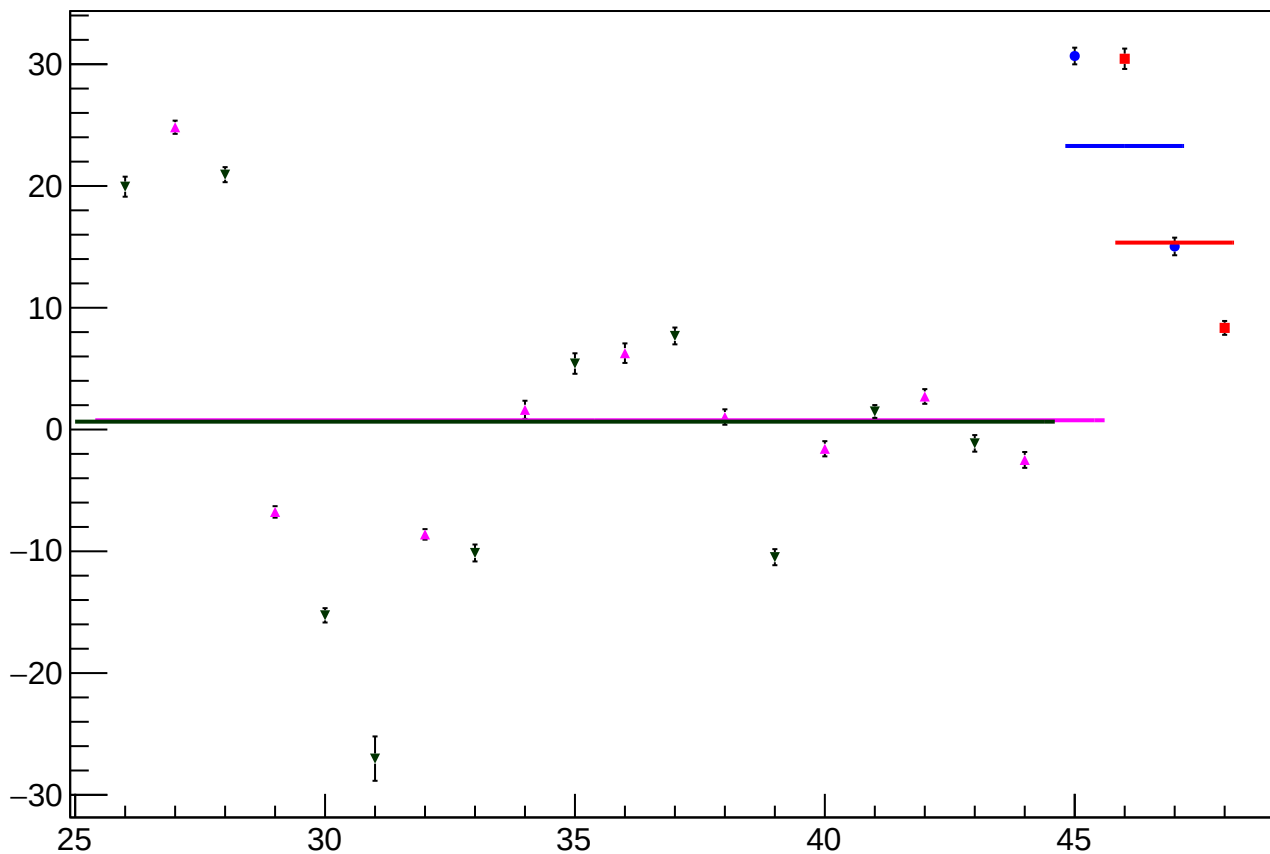
Right Out: -217.336+/-0.350 χ^2/NDF : 2691.8/1

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-241.213+/-0.145 χ^2/NDF : 45578.8/11

-256.549+/-0.151 χ^2/NDF : 30322.5/10

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

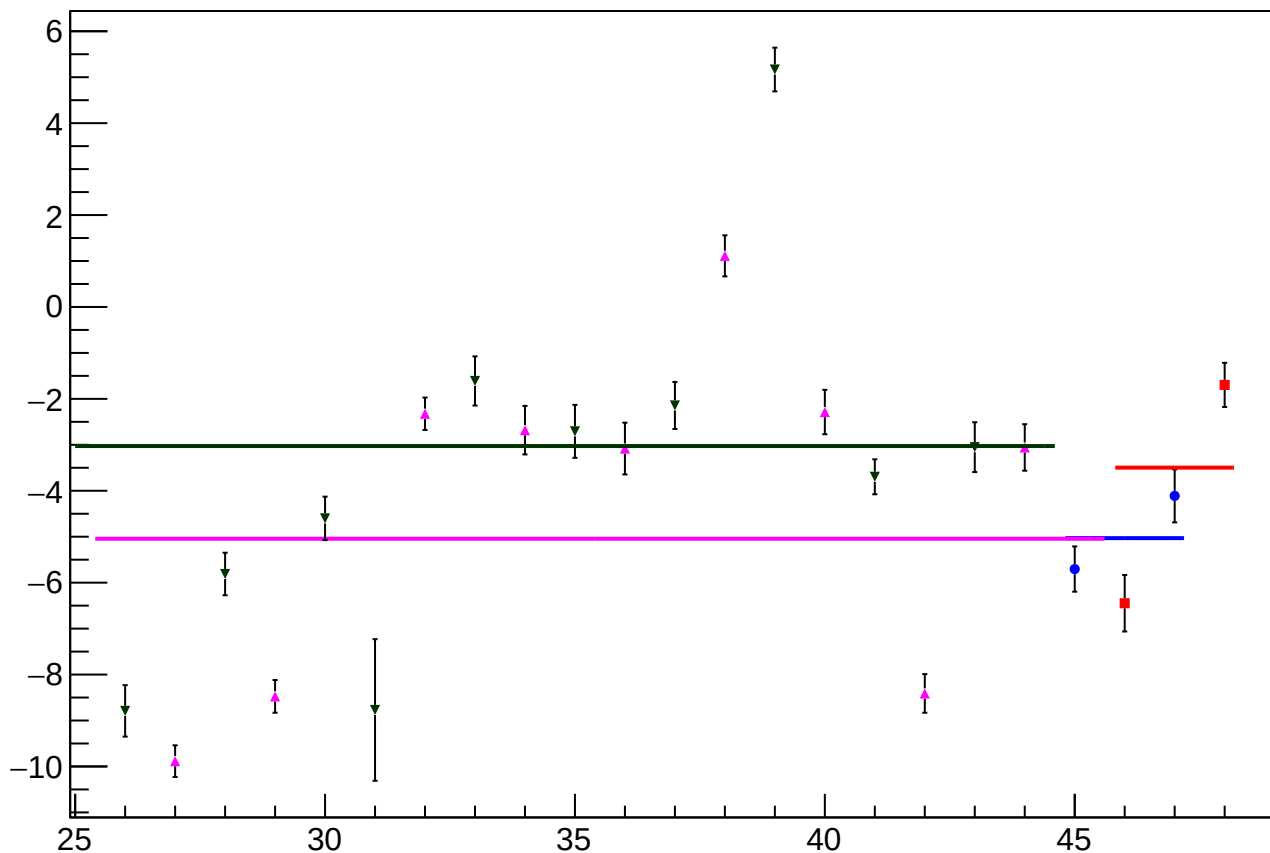
Right Out: 15.350+/-0.470 χ^2 /NDF: 477.7/1

Left In: 0.760+/-0.193 χ^2 /NDF:2789.0/8

4.318+/-0.200 χ^2 /NDF: 5240.3/11

2.867+/-0.179 χ^2 /NDF: 4089.6/10

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -5.031 ± 0.374 $\chi^2/\text{NDF: } 4.4/1$

Left Out: -3.027 ± 0.163 $\chi^2/\text{NDF: } 477.3/9$

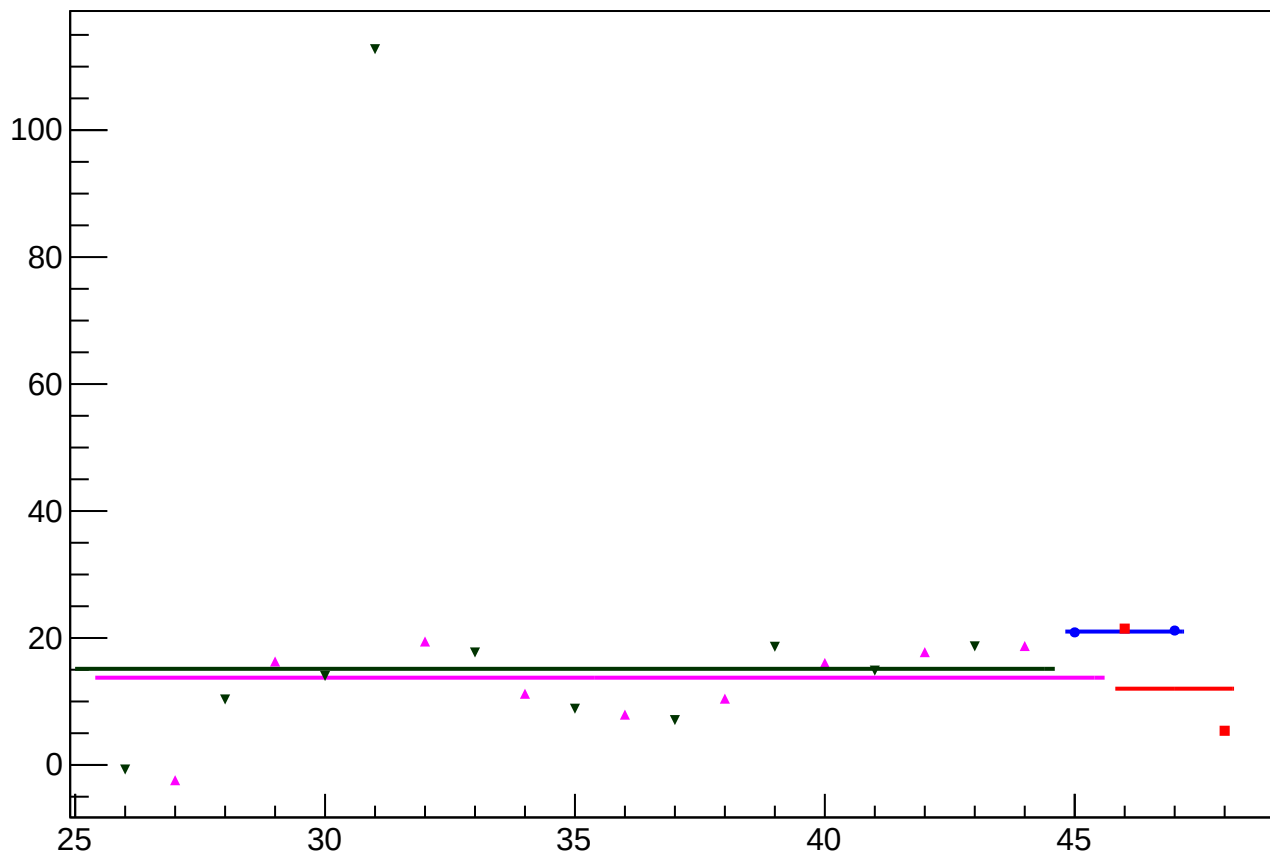
Right Out: -3.497 ± 0.378 $\chi^2/\text{NDF: } 37.1/1$

Left In: -5.044 ± 0.141 $\chi^2/\text{NDF: } 684.5/8$

-3.345 ± 0.149 $\chi^2/\text{NDF: } 505.8/11$

-4.854 ± 0.132 $\chi^2/\text{NDF: } 736.3/10$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: 21.013 $\pm$ 0.081 χ^2/NDF : 3.1/1

Left Out: 15.143 $\pm$ 0.036 χ^2/NDF :187125.6/9

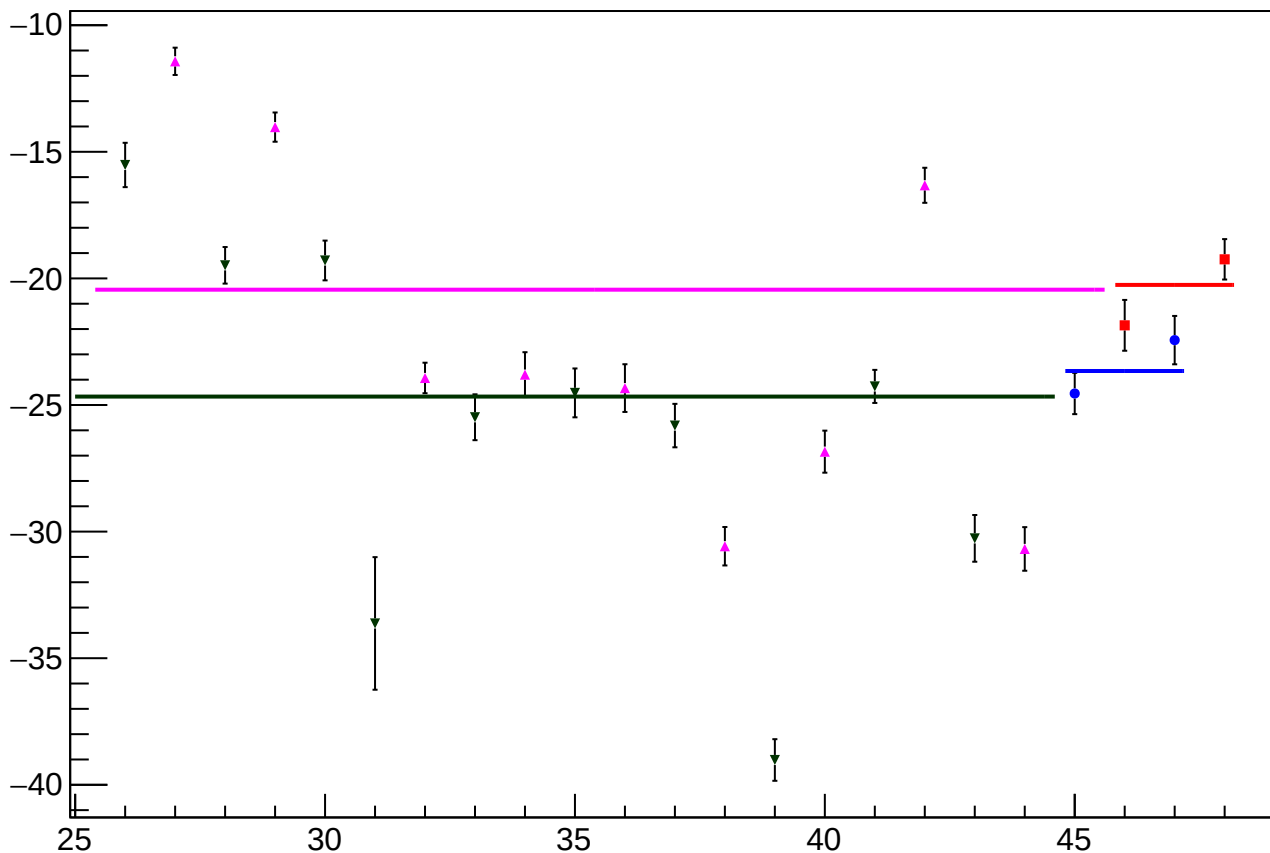
Right Out: 12.016 $\pm$ 0.081 χ^2/NDF : 9553.2/1

Left In: 13.747 $\pm$ 0.033 χ^2/NDF :44234.1/8

16.115 $\pm$ 0.033 χ^2/NDF : 191506.6/11

13.504 $\pm$ 0.030 χ^2/NDF : 54179.6/10

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -23.657 $\pm$ 0.620 χ^2 /NDF: 2.8/1

Left Out: -24.667 $\pm$ 0.271 χ^2 /NDF: 564.2/9

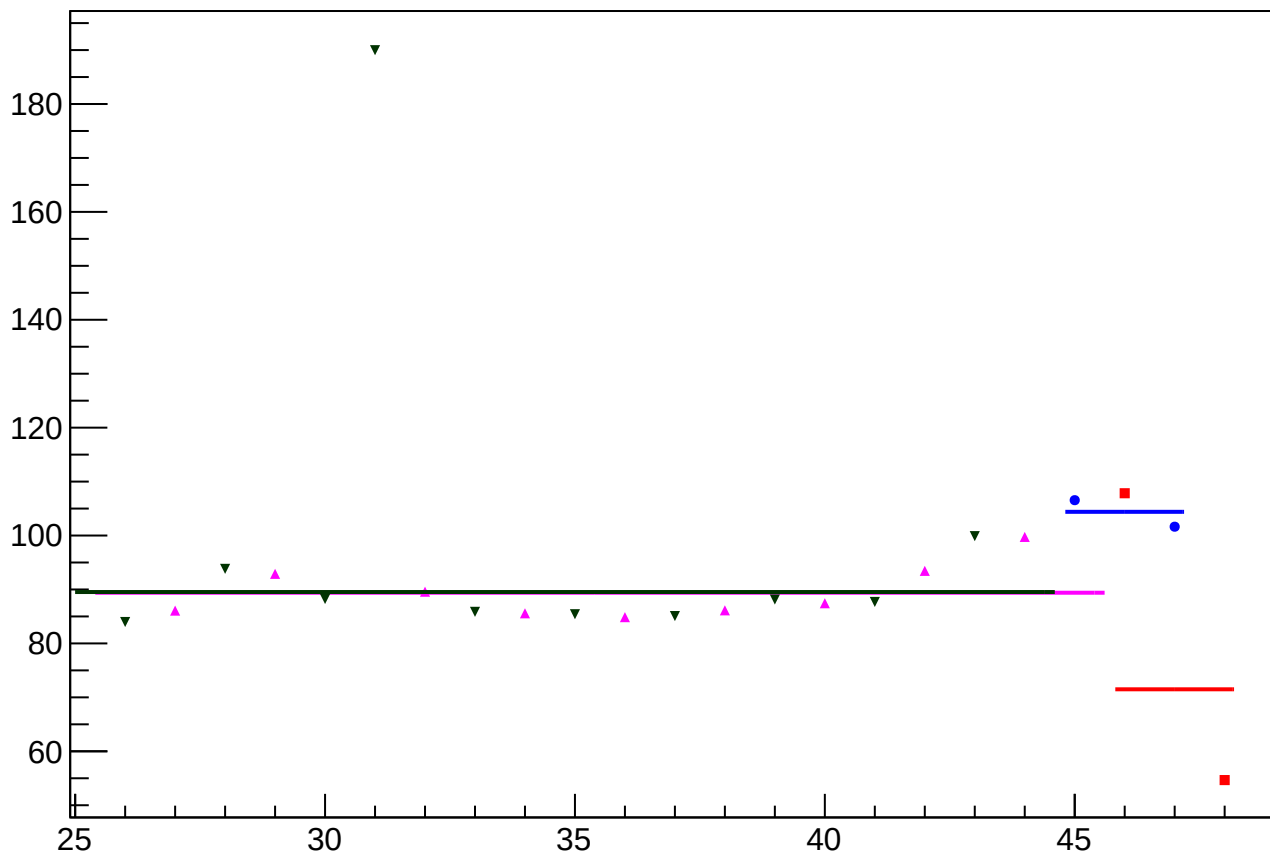
Right Out: -20.257 $\pm$ 0.625 χ^2 /NDF: 4.1/1

Left In: -20.446 $\pm$ 0.234 χ^2 /NDF: 882.7/8

-24.505 $\pm$ 0.248 χ^2 /NDF: 569.2/11

-20.423 $\pm$ 0.219 χ^2 /NDF: 886.9/10

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

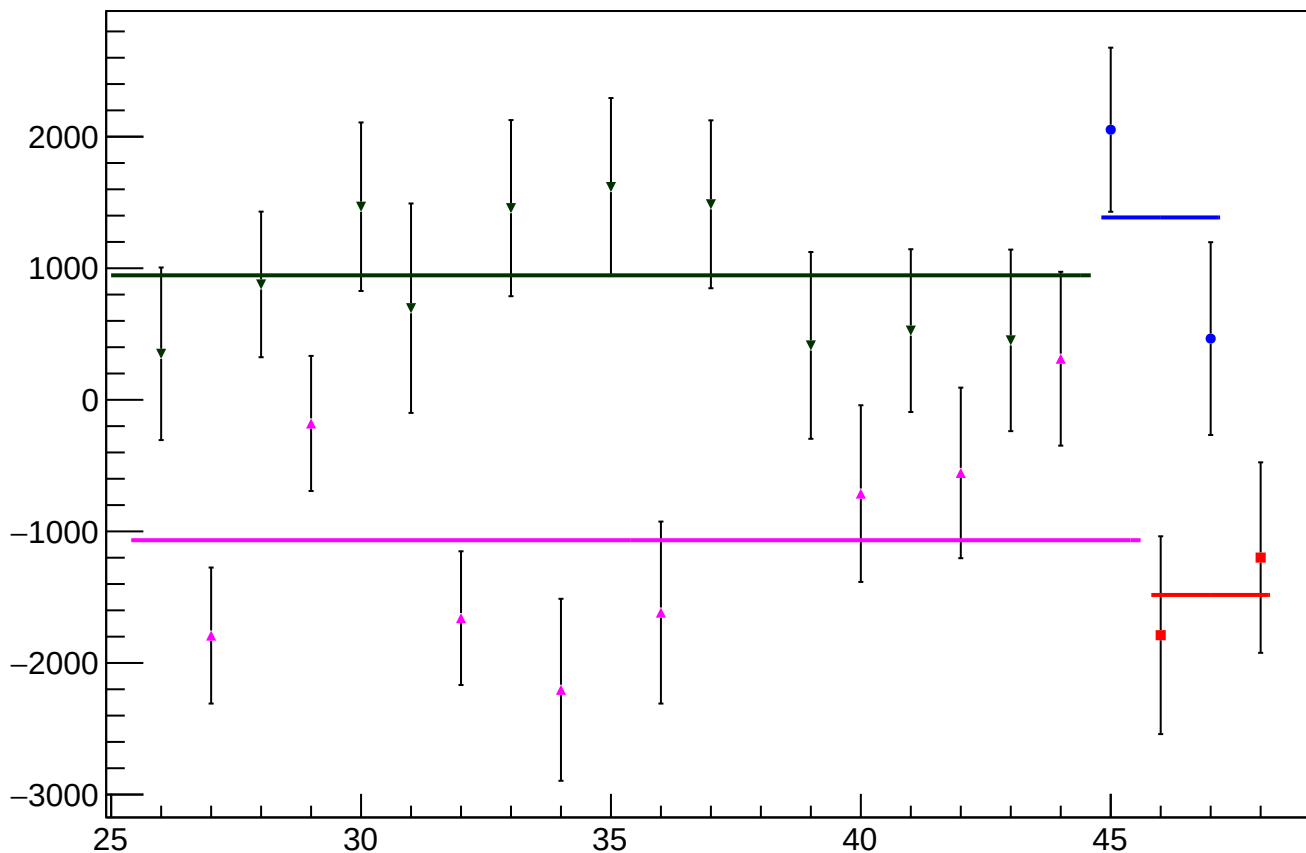
Right Out: 71.492 $\pm$ 0.111 χ^2 /NDF: 49751.5/1

Left In: 89.397 $\pm$ 0.049 χ^2 /NDF:7802.3/8

91.625 $\pm$ 0.046 χ^2 /NDF: 67516.0/11

86.475 $\pm$ 0.045 χ^2 /NDF: 79373.9/10

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

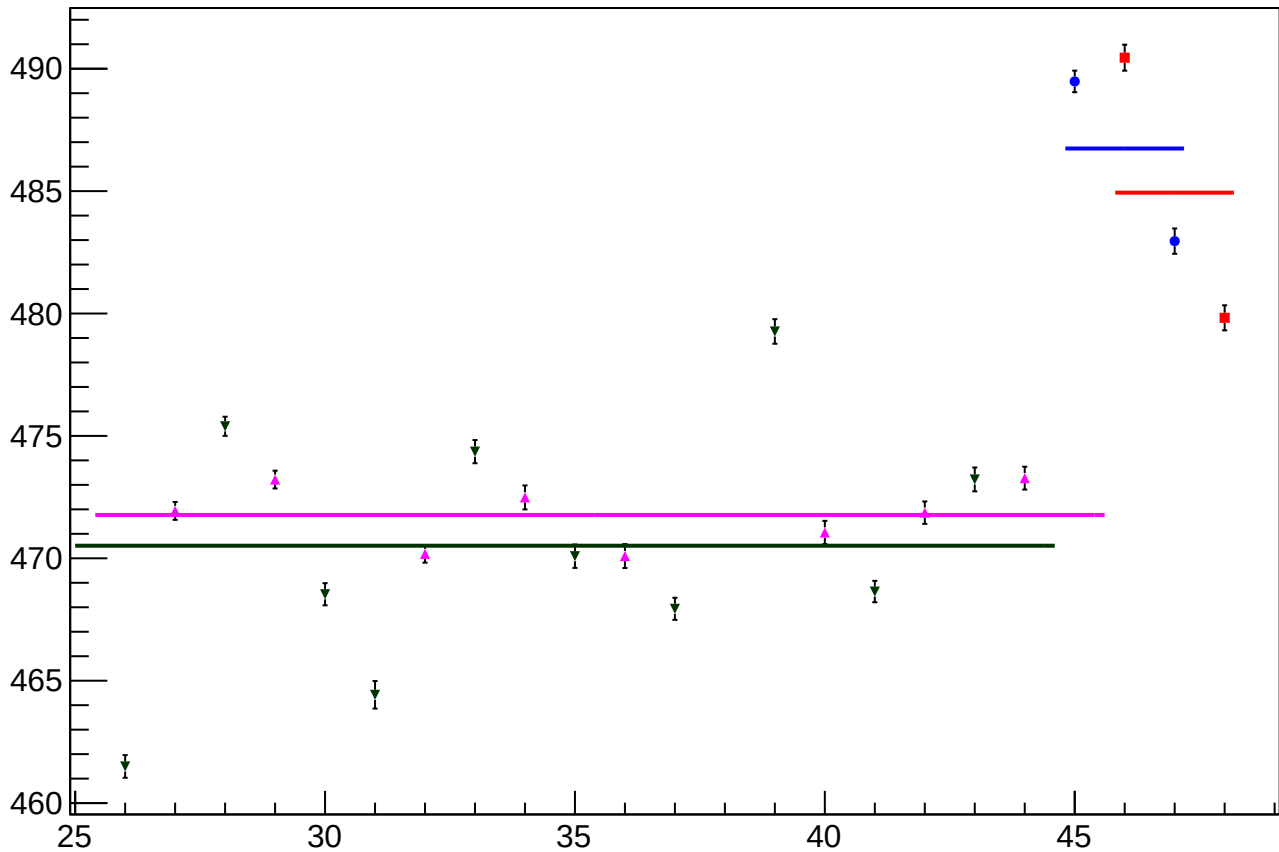
Right Out: -1482.949 $\pm$ 521.464 χ^2/NDF : 0.3/1

Left In: -1066.964 $\pm$ 210.912 χ^2/NDF : 14.9/7

1016.984 $\pm$ 190.306 χ^2/NDF : 8.9/11

-1125.447 $\pm$ 195.525 χ^2/NDF : 15.8/9

reg_asym_atl1_rms vs slug



Right In: 486.741 ± 0.336 χ^2/NDF : 91.9/1

Left Out: 470.514 ± 0.147 χ^2/NDF : 1122.3/9

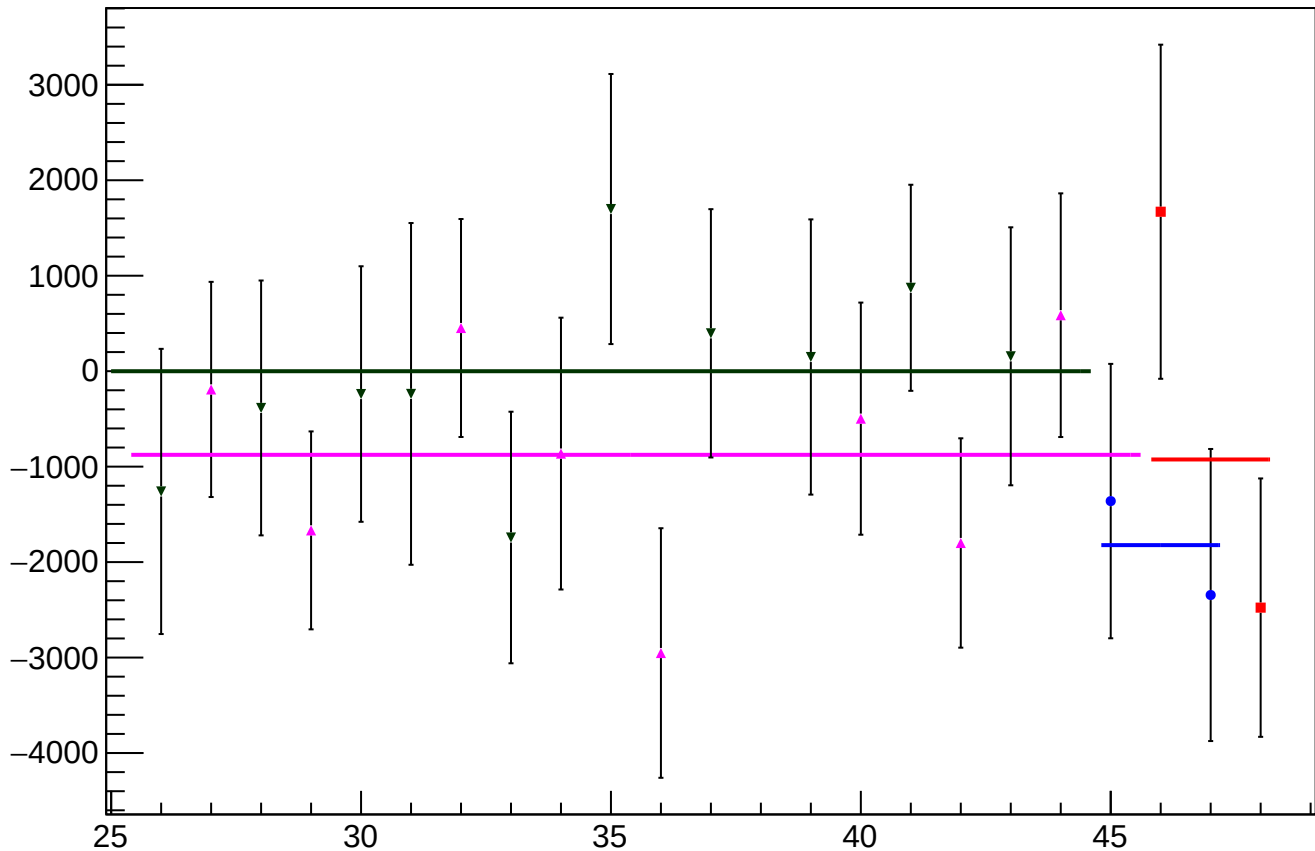
Right Out: 484.939 ± 0.369 χ^2/NDF : 207.3/1

Left In: 471.772 ± 0.149 χ^2/NDF : 62.3/7

473.120 ± 0.135 χ^2/NDF : 3174.2/11

473.623 ± 0.138 χ^2/NDF : 1365.4/9

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

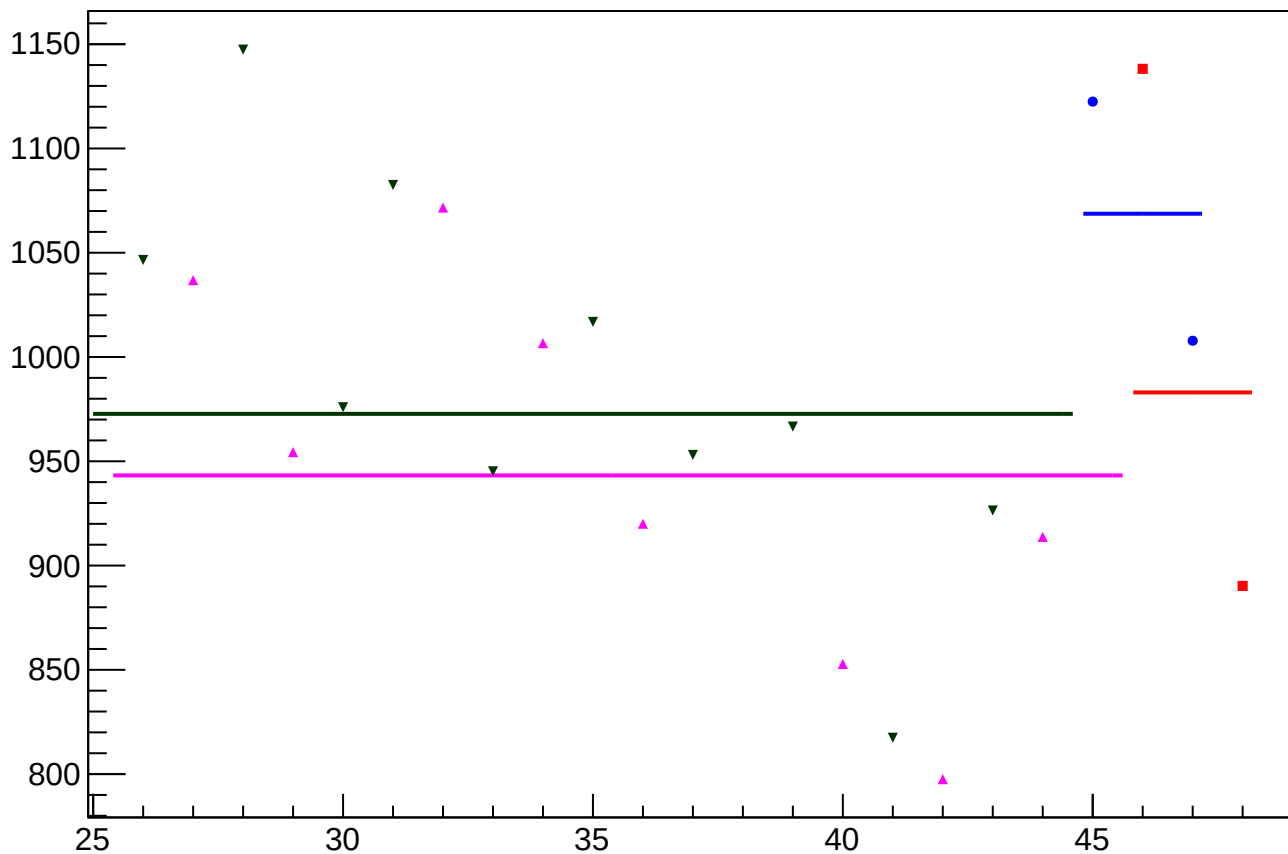
Right Out: -924.976+/-1070.584 χ^2/NDF : 3.5/1

Left In: -876.325+/-419.386 χ^2/NDF : 6.9/7

-262.152+/-396.988 χ^2/NDF : 7.6/11

-882.797+/-390.493 χ^2/NDF : 10.5/9

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

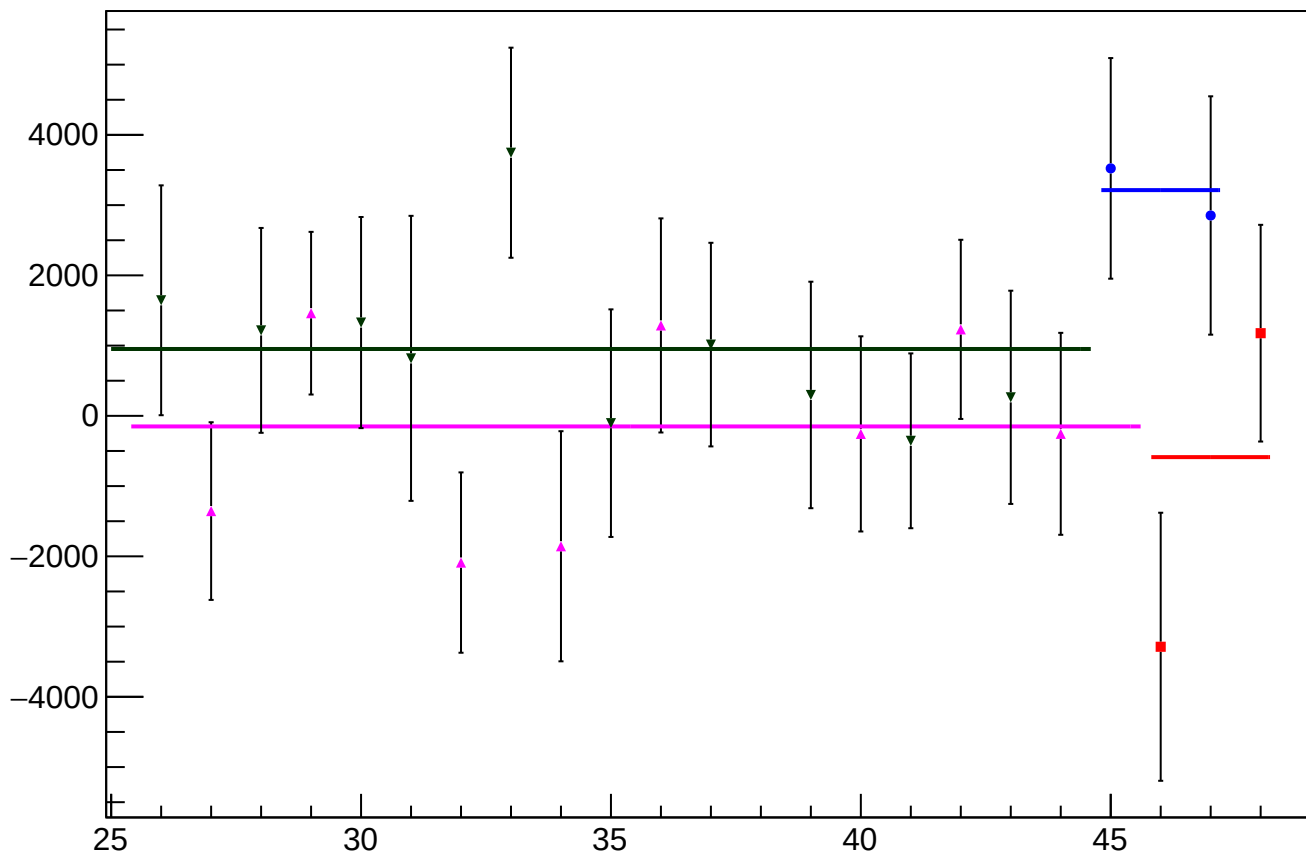
Right Out: 983.025+/-0.757 χ^2 /NDF: 25123.4/1

Left In: 943.222+/-0.297 χ^2 /NDF: 91364.0/7

986.525+/-0.281 χ^2 /NDF: 114068.6/11

948.518+/-0.276 χ^2 /NDF: 118884.2/9

asym_atl1_mean vs slug



Right In: 3213.670 $\pm$ 1152.566 χ^2 /NDF: 0.1/1

Left Out: 951.884 $\pm$ 482.337 χ^2 /NDF:5.7/9

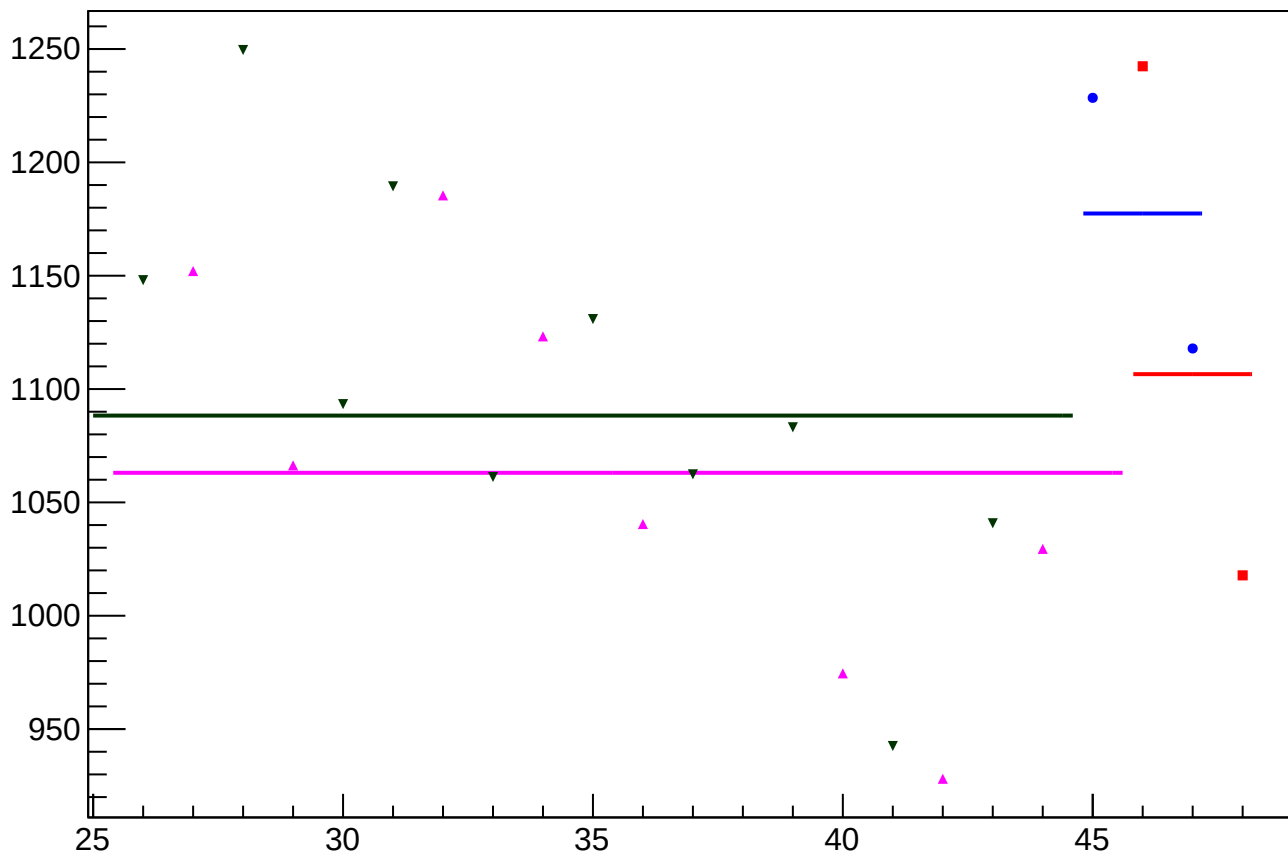
Right Out: -587.559 $\pm$ 1199.592 χ^2 /NDF: 3.3/1

Left In: -150.701 $\pm$ 476.838 χ^2 /NDF:8.3/7

1288.965 $\pm$ 444.946 χ^2 /NDF: 9.0/11

-210.309 $\pm$ 443.114 χ^2 /NDF: 11.7/9

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

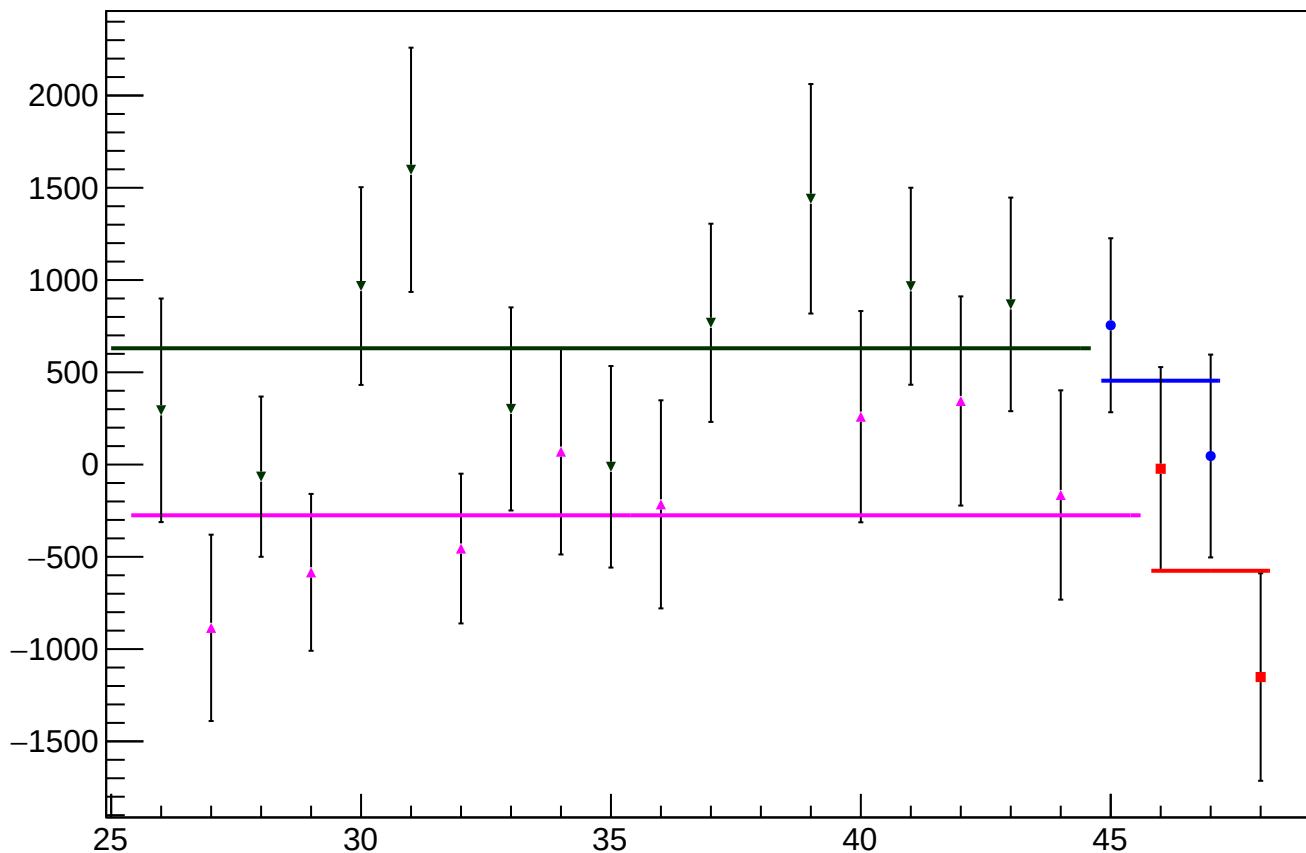
Right Out: 1106.575+/-0.848 χ^2/NDF : 16754.5/1

Left In: 1063.060+/-0.337 χ^2/NDF : 62842.0/7

1101.581+/-0.315 χ^2/NDF : 78972.4/11

1068.997+/-0.313 χ^2/NDF : 81869.2/9

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

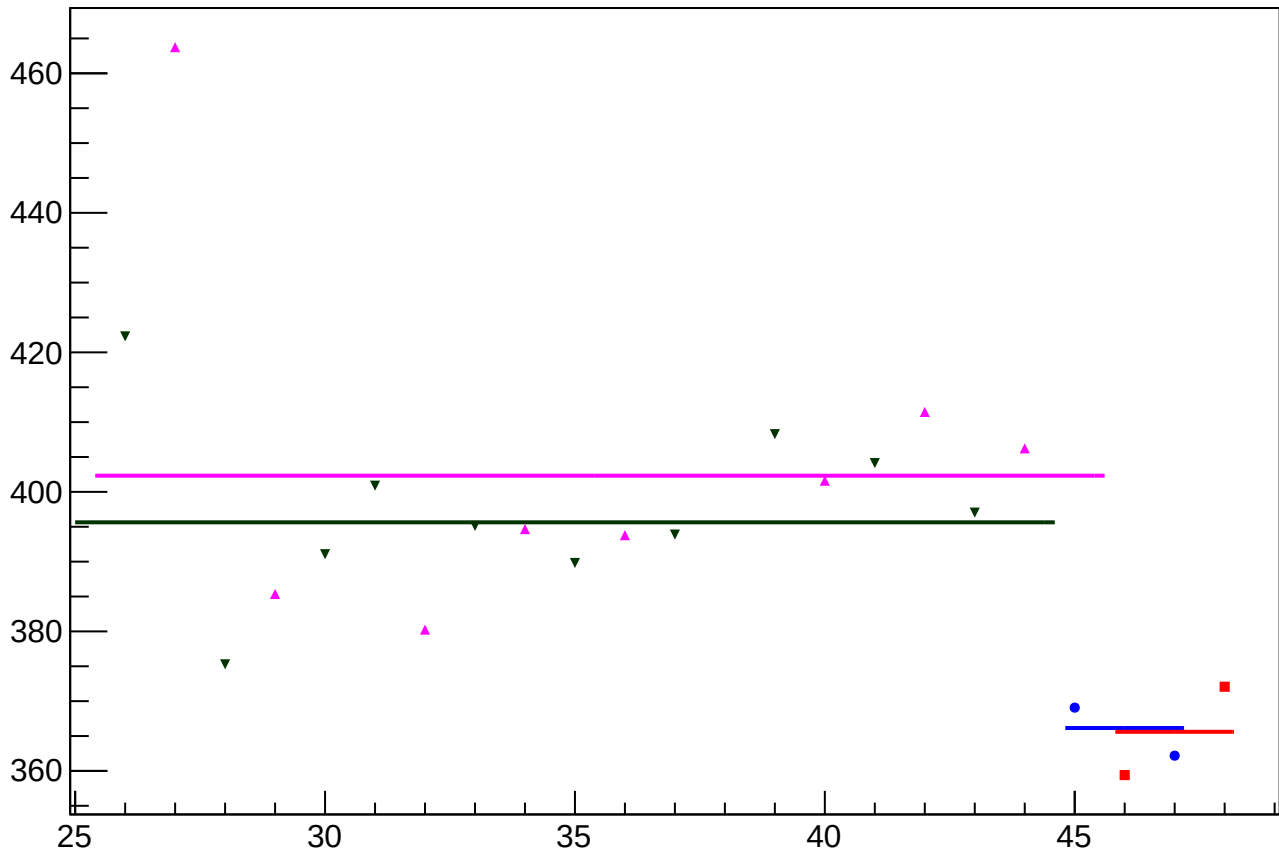
Right Out: -575.550 $\pm$ 393.502 χ^2/NDF : 2.1/1

Left In: -274.945 $\pm$ 179.112 χ^2/NDF : 4.7/7

596.626 $\pm$ 156.548 χ^2/NDF : 10.6/11

-326.537 $\pm$ 163.019 χ^2/NDF : 7.2/9

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

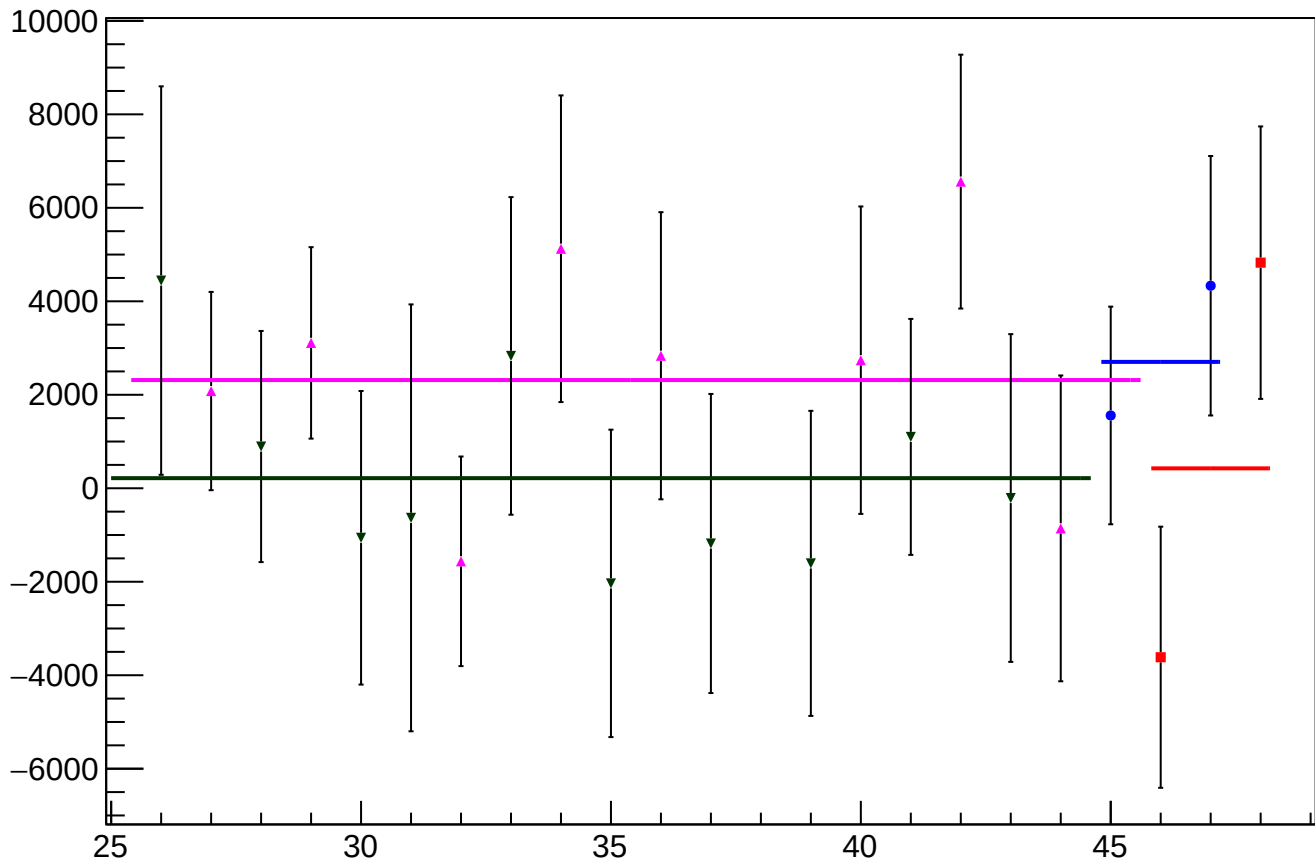
Right Out: 365.606+/-0.278 χ^2/NDF : 517.8/1

Left In: 402.320+/-0.127 χ^2/NDF :40146.8/7

389.993+/-0.111 χ^2/NDF : 21291.9/11

396.019+/-0.115 χ^2/NDF : 55086.6/9

asym_atl2_correction_mean vs slug



Right In: 2703.865 $\pm$ 1783.710 χ^2 /NDF: 0.6/1

Left Out: 216.258 $\pm$ 1010.244 χ^2 /NDF:3.0/9

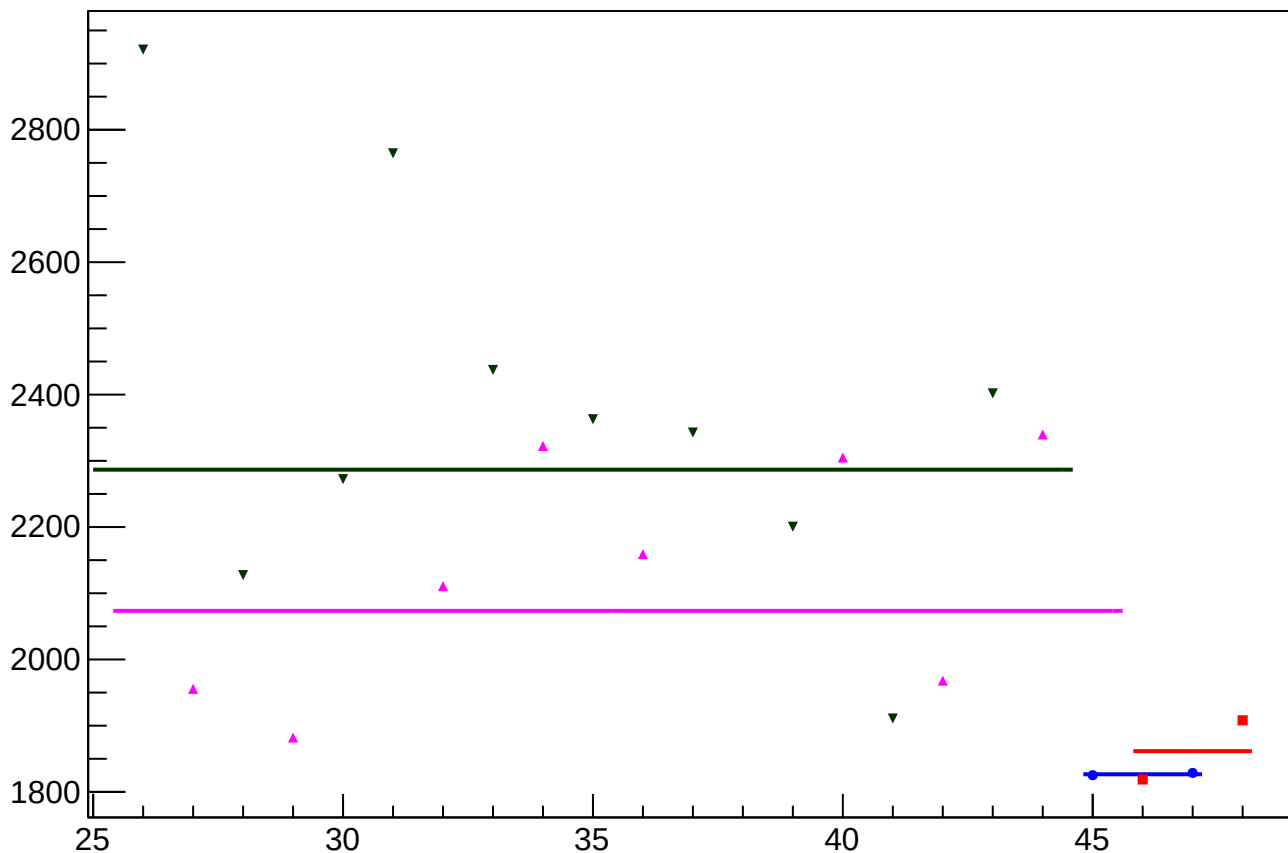
Right Out: 426.066 $\pm$ 2016.686 χ^2 /NDF: 4.4/1

Left In: 2315.339 $\pm$ 920.569 χ^2 /NDF:7.3/7

820.424 $\pm$ 879.045 χ^2 /NDF: 5.1/11

1989.554 $\pm$ 837.445 χ^2 /NDF: 12.4/9

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

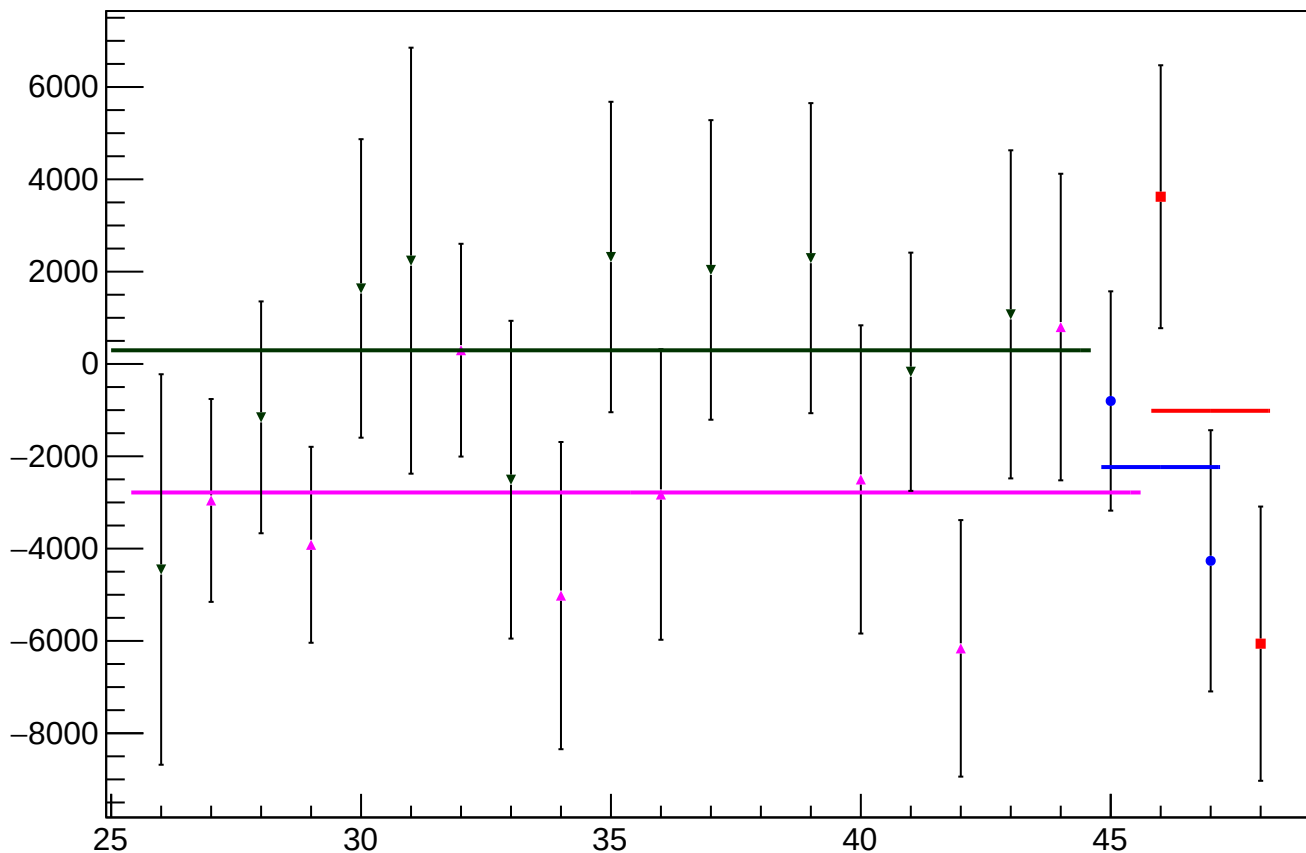
Right Out: 1861.530+/-1.426 χ^2 /NDF: 980.4/1

Left In: 2073.386+/-0.651 χ^2 /NDF:63457.3/7

2174.945+/-0.622 χ^2 /NDF: 231068.5/11

2036.854+/-0.592 χ^2 /NDF: 82703.4/9

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

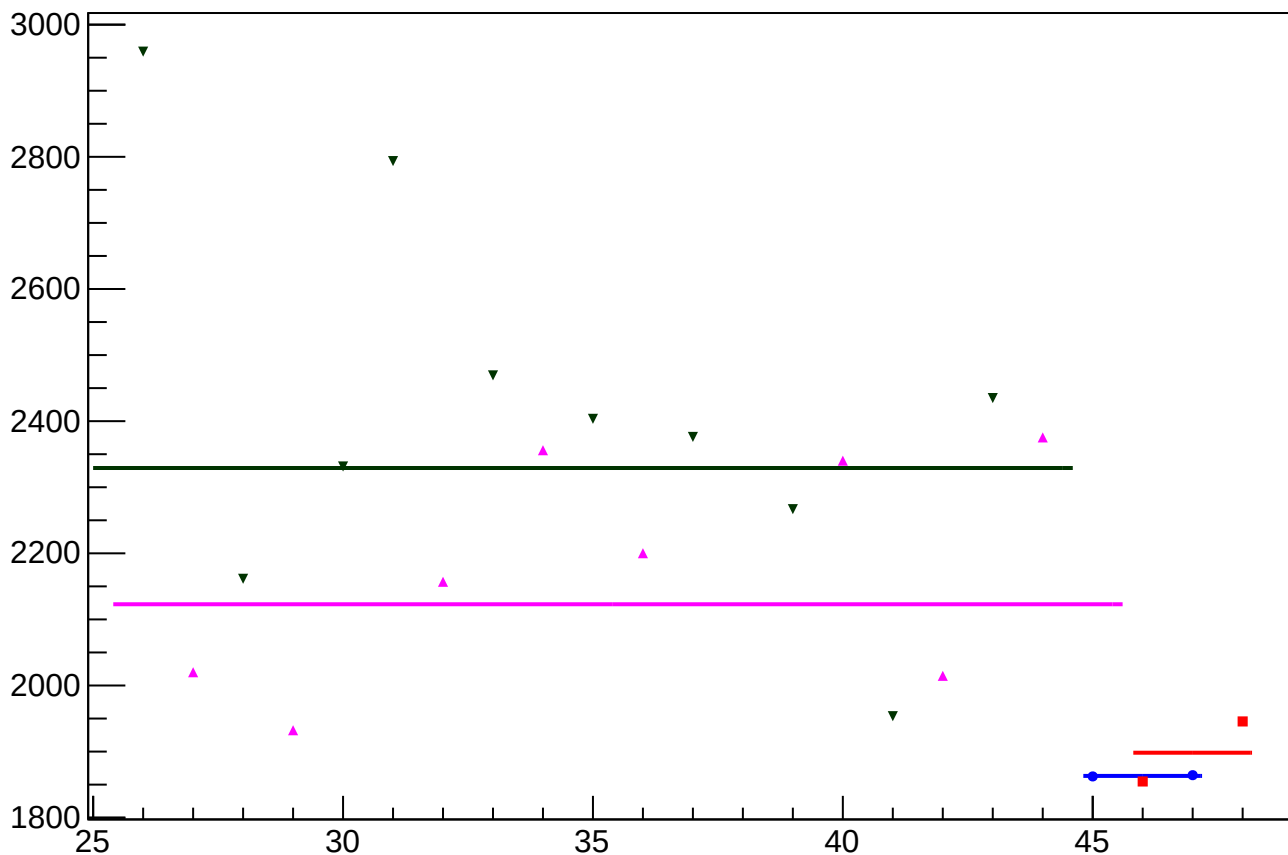
Right Out: -1014.391+/-2055.814 χ^2/NDF : 5.5/1

Left In: -2784.125+/-945.556 χ^2/NDF : 5.2/7

-317.730+/-896.254 χ^2/NDF : 6.0/11

-2475.114+/-859.047 χ^2/NDF : 11.3/9

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

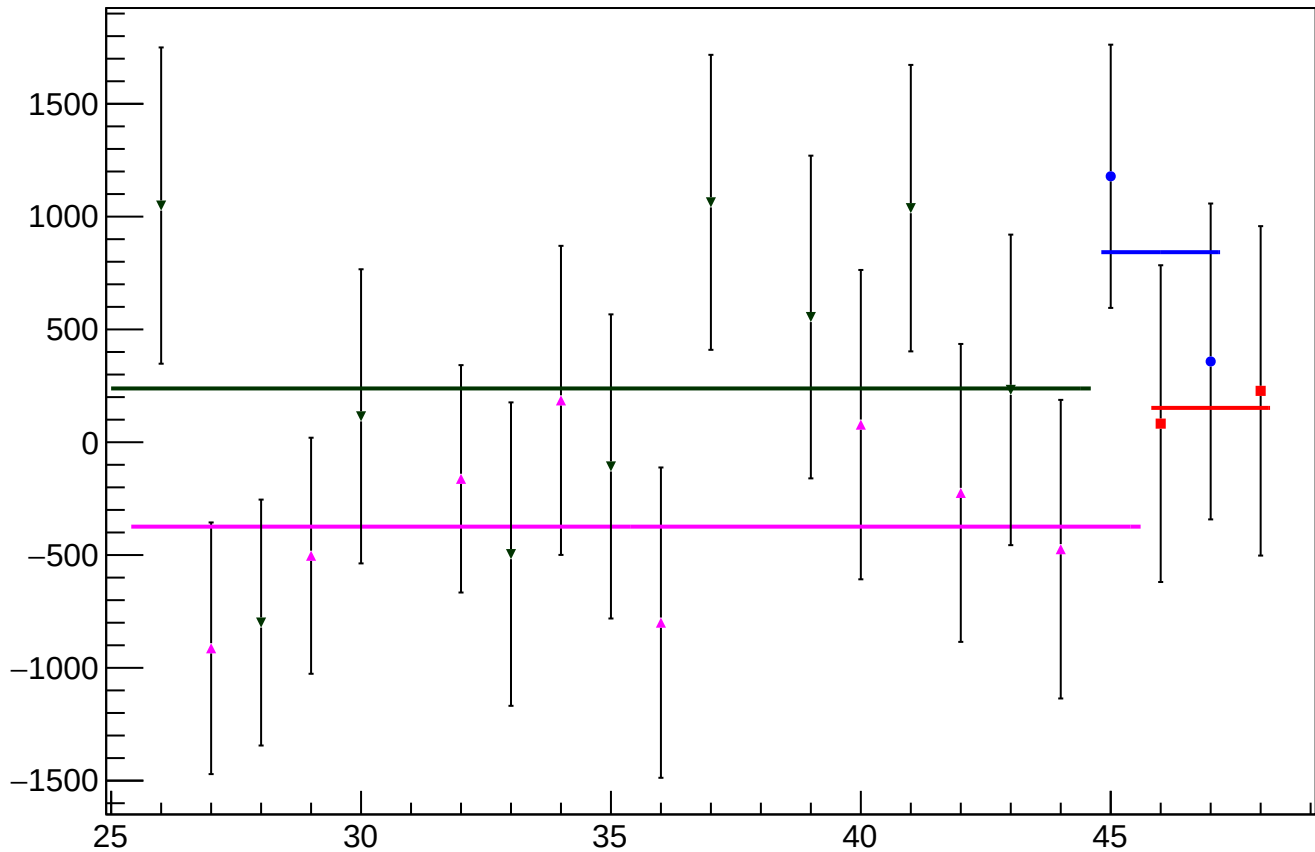
Right Out: 1898.287+/-1.454 χ^2/NDF : 974.4/1

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2216.063+/-0.634 χ^2/NDF : 222417.4/11

2083.716+/-0.607 χ^2/NDF : 75724.7/9

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

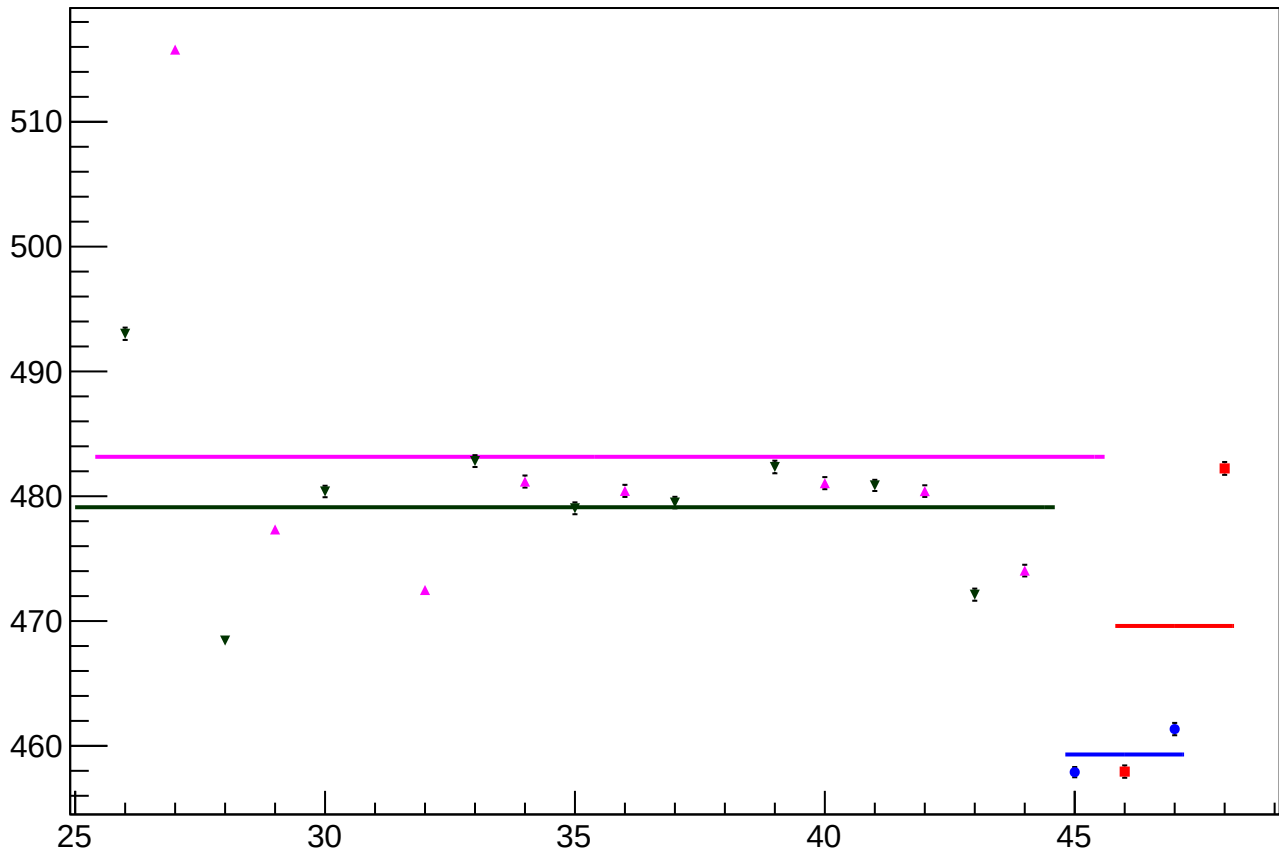
Right Out: 152.222+/-506.037 χ^2/NDF : 0.0/1

Left In: -374.119+/-214.392 χ^2/NDF : 2.7/7

353.894+/-195.991 χ^2/NDF : 12.1/10

-294.021+/-197.406 χ^2/NDF : 3.7/9

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

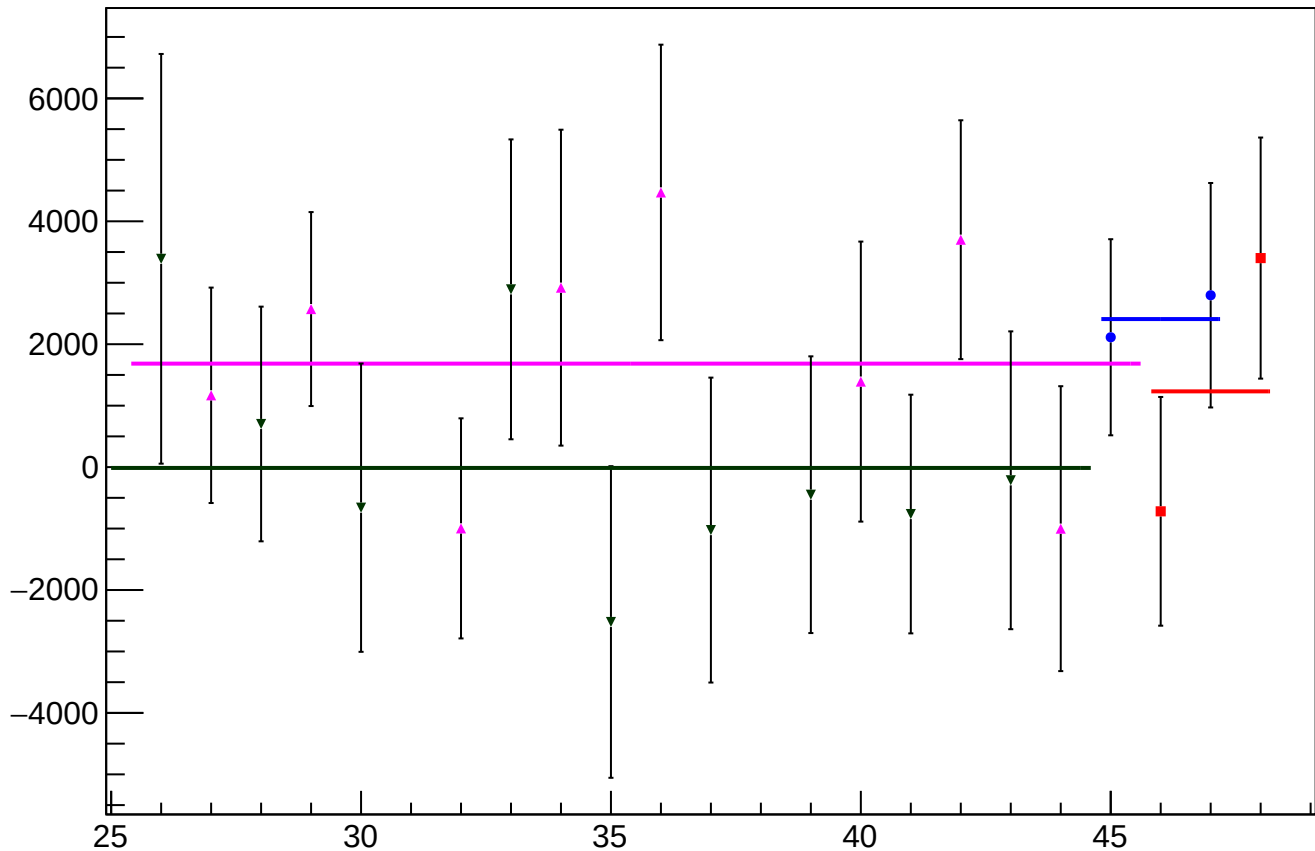
475.331+/-0.139 χ^2/NDF : 5075.8/10

Right Out: 469.607+/-0.358 χ^2/NDF : 1150.3/1

481.098+/-0.140 χ^2/NDF : 10836.6/9

Left In: 483.160+/-0.152 χ^2/NDF : 8470.0/7

asym_atr1_correction_mean vs slug



Right In: 2409.149 $\pm$ 1201.646 χ^2 /NDF: 0.1/1

Left Out: -13.564 $\pm$ 775.077 χ^2 /NDF: 4.0/8

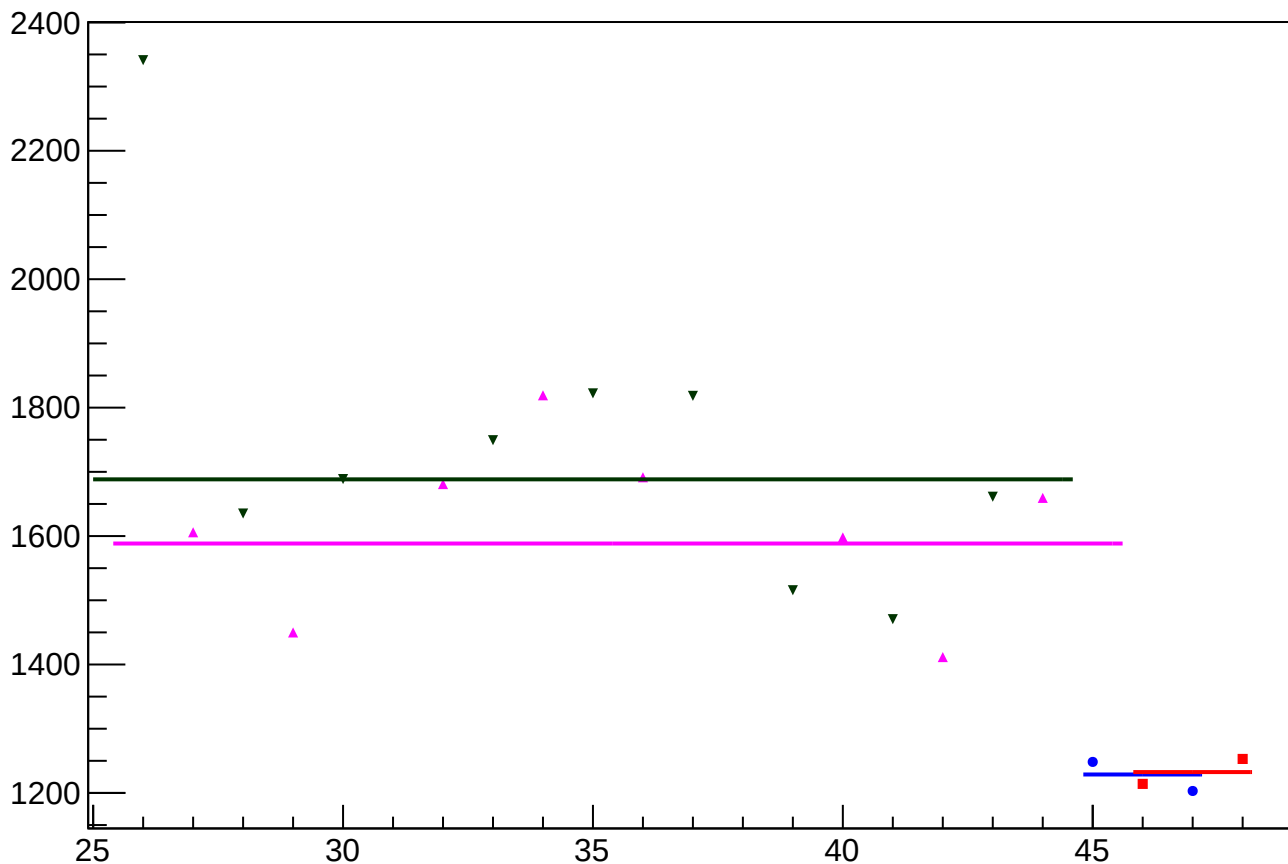
Right Out: 1232.508 $\pm$ 1350.137 χ^2 /NDF: 2.3/1

Left In: 1683.939 $\pm$ 705.940 χ^2 /NDF: 6.7/7

698.243 $\pm$ 651.338 χ^2 /NDF: 7.0/10

1587.020 $\pm$ 625.586 χ^2 /NDF: 9.1/9

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

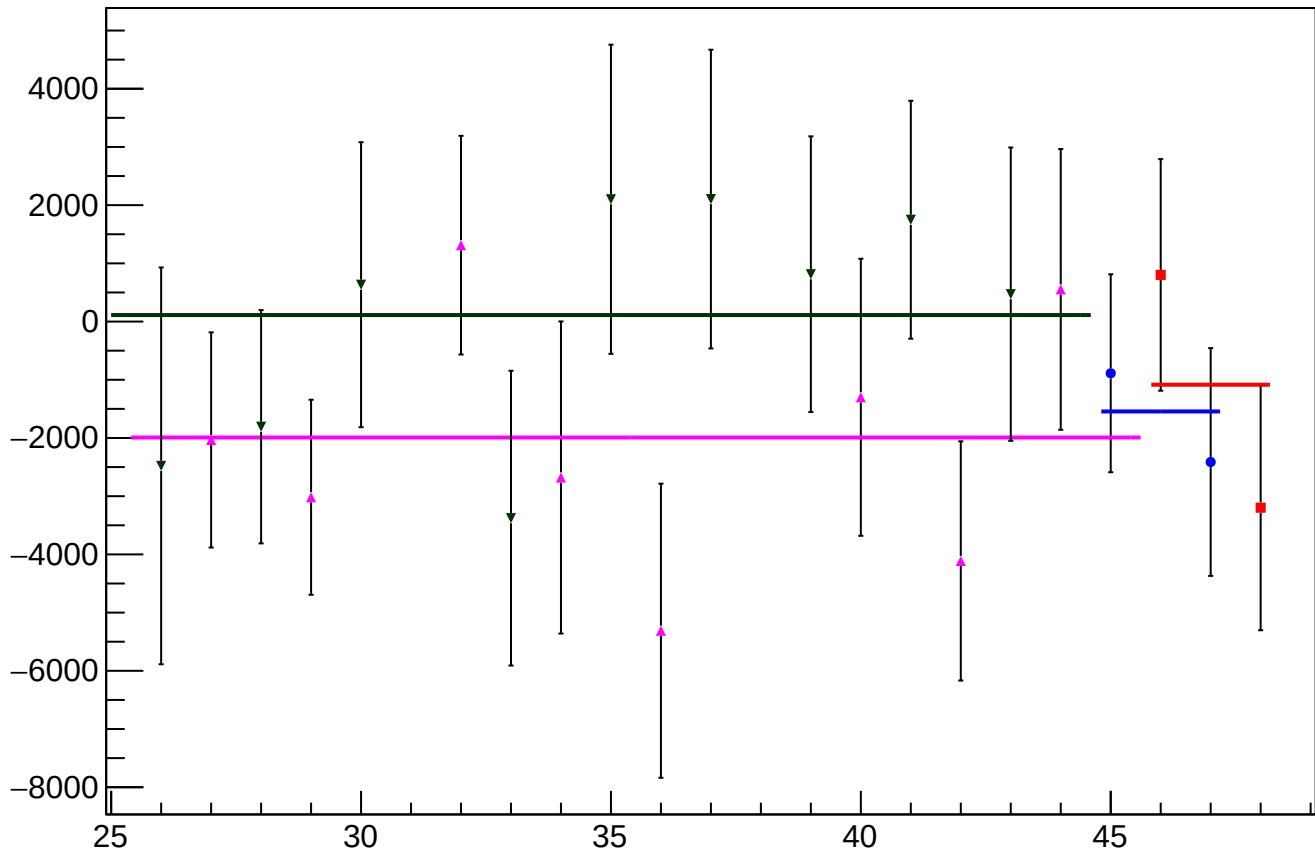
Right Out: 1232.485+/-0.955 χ^2/NDF : 412.7/1

Left In: 1588.391+/-0.499 χ^2/NDF : 59227.6/7

1553.291+/-0.461 χ^2/NDF : 335015.6/10

1511.981+/-0.442 χ^2/NDF : 168780.5/9

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

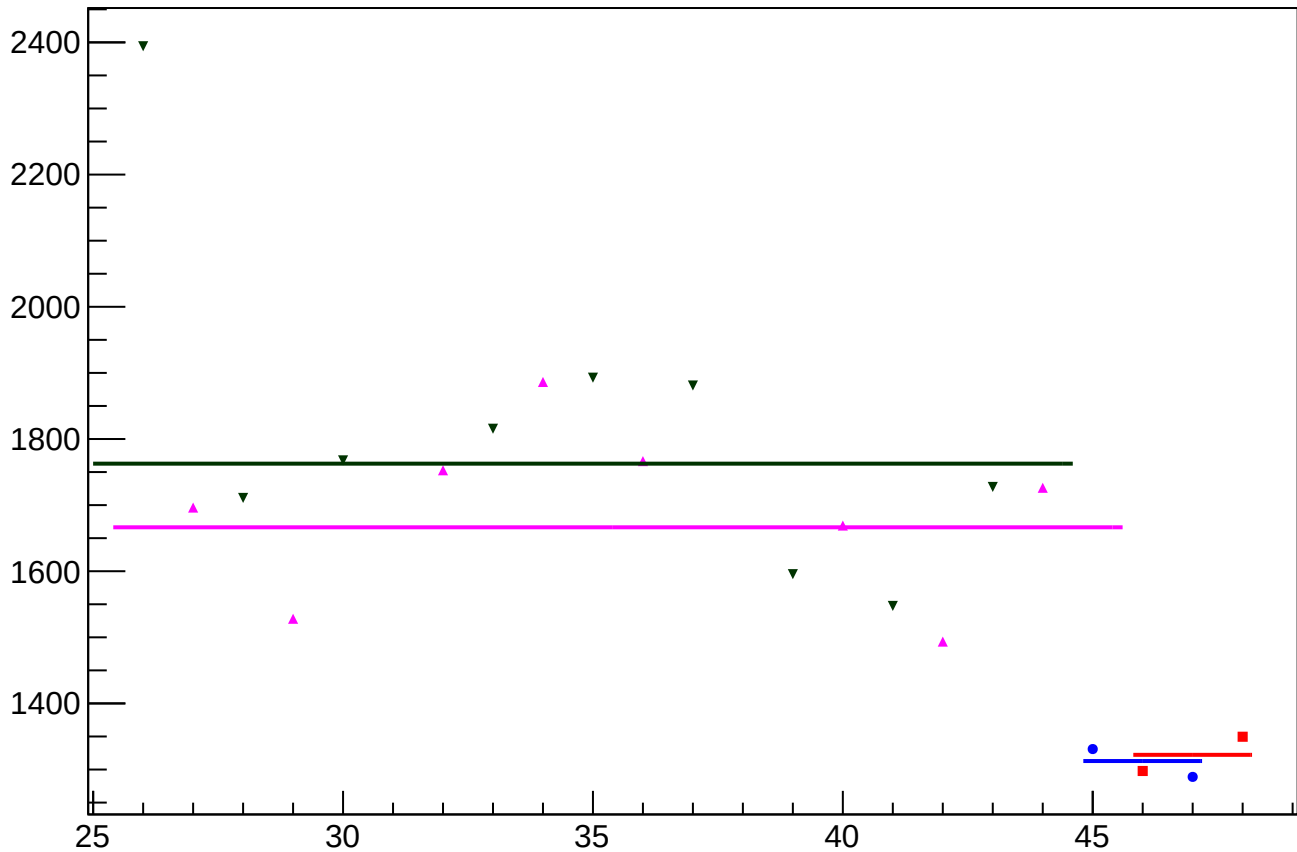
-359.059 $\pm$ 684.559 χ^2 /NDF: 6.9/10

Right Out: -1084.899 $\pm$ 1445.934 χ^2 /NDF: 1.9/1

-1802.426 $\pm$ 660.549 χ^2 /NDF: 9.7/9

Left In: -1991.664 $\pm$ 742.563 χ^2 /NDF:7.5/7

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

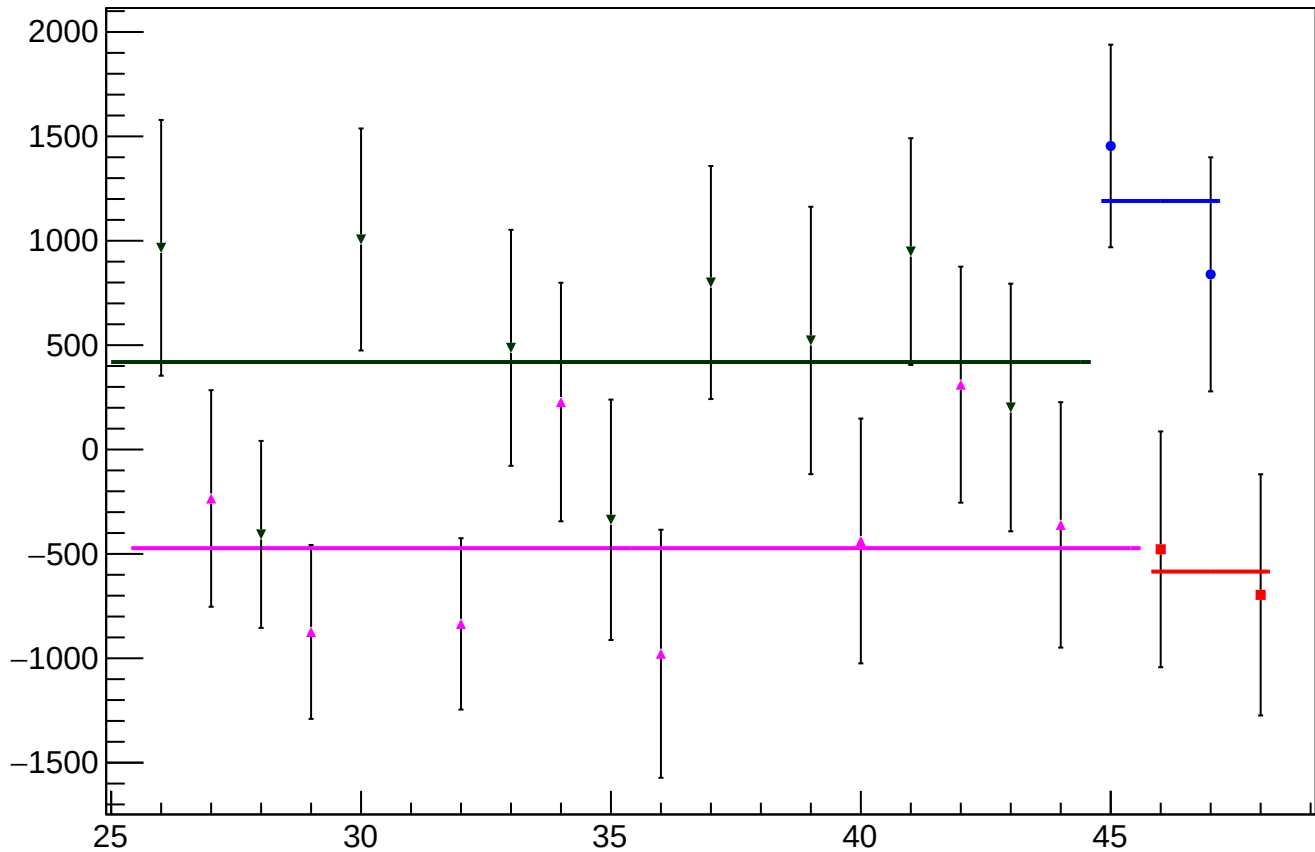
1634.733+/-0.484 χ^2/NDF : 288766.2/10

Right Out: 1322.244+/-1.022 χ^2/NDF : 639.9/1

1594.605+/-0.467 χ^2/NDF : 140675.0/9

Left In: 1666.436+/-0.525 χ^2/NDF : 50358.5/7

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

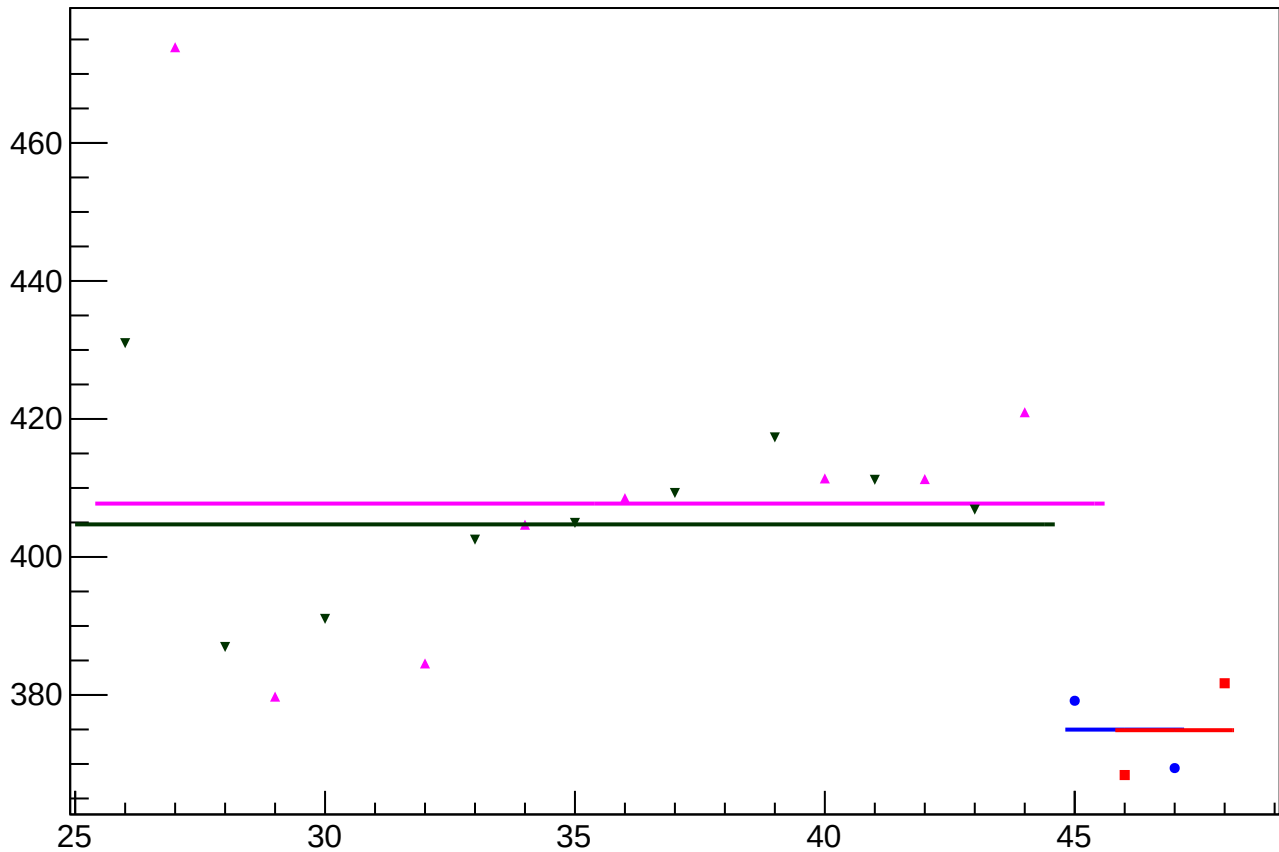
Right Out: -584.550 $\pm$ 403.809 χ^2/NDF : 0.1/1

Left In: -472.383 $\pm$ 181.829 χ^2/NDF : 6.1/7

575.550 $\pm$ 165.188 χ^2/NDF : 12.9/10

-491.292 $\pm$ 165.796 χ^2/NDF : 6.2/9

reg_asym_atr2_rms vs slug



Right In: 374.982+/-0.259 χ^2/NDF : 346.2/1

Left Out: 404.722+/-0.131 χ^2/NDF : 9396.7/8

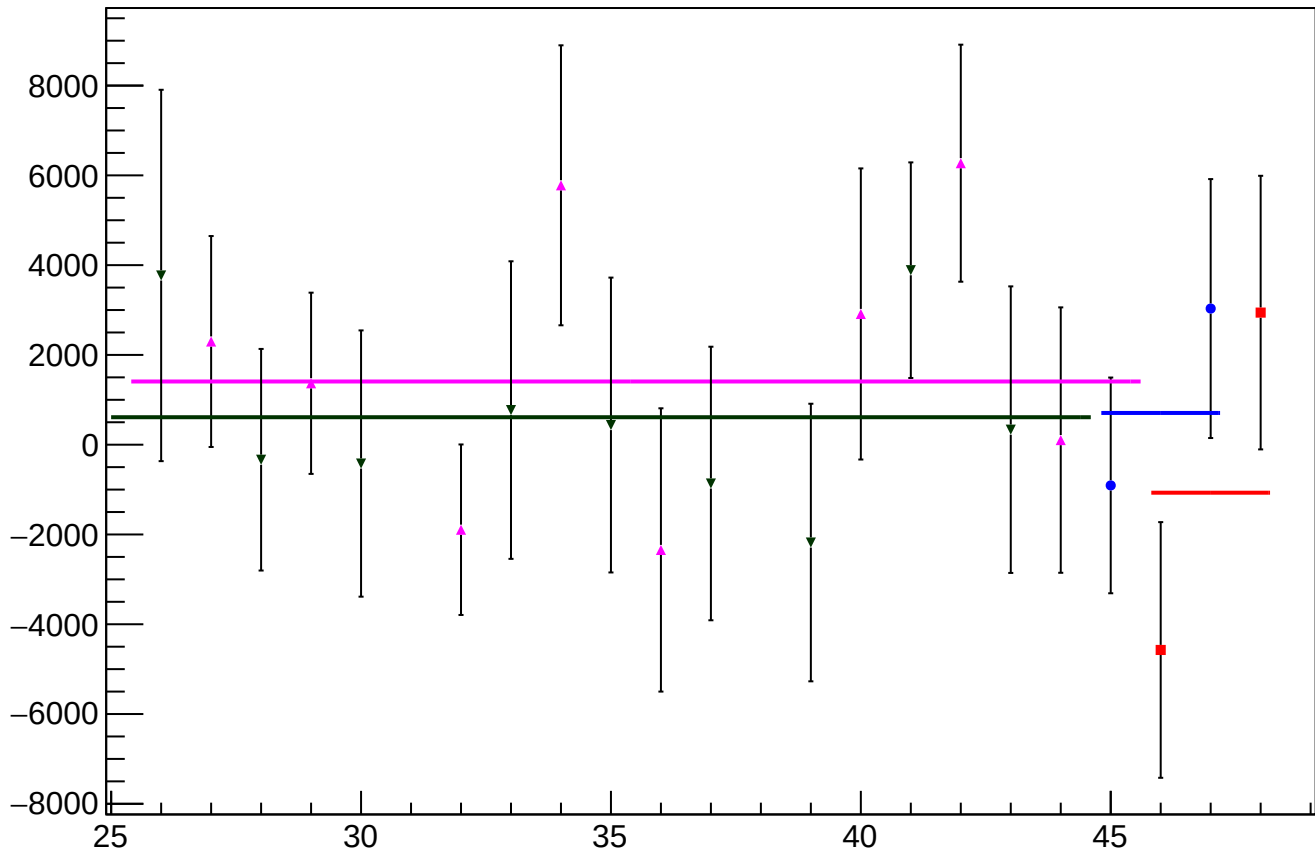
Right Out: 374.896+/-0.286 χ^2/NDF : 542.2/1

Left In: 407.737+/-0.129 χ^2/NDF : 49136.5/7

398.693+/-0.117 χ^2/NDF : 20220.9/10

402.201+/-0.117 χ^2/NDF : 60677.4/9

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

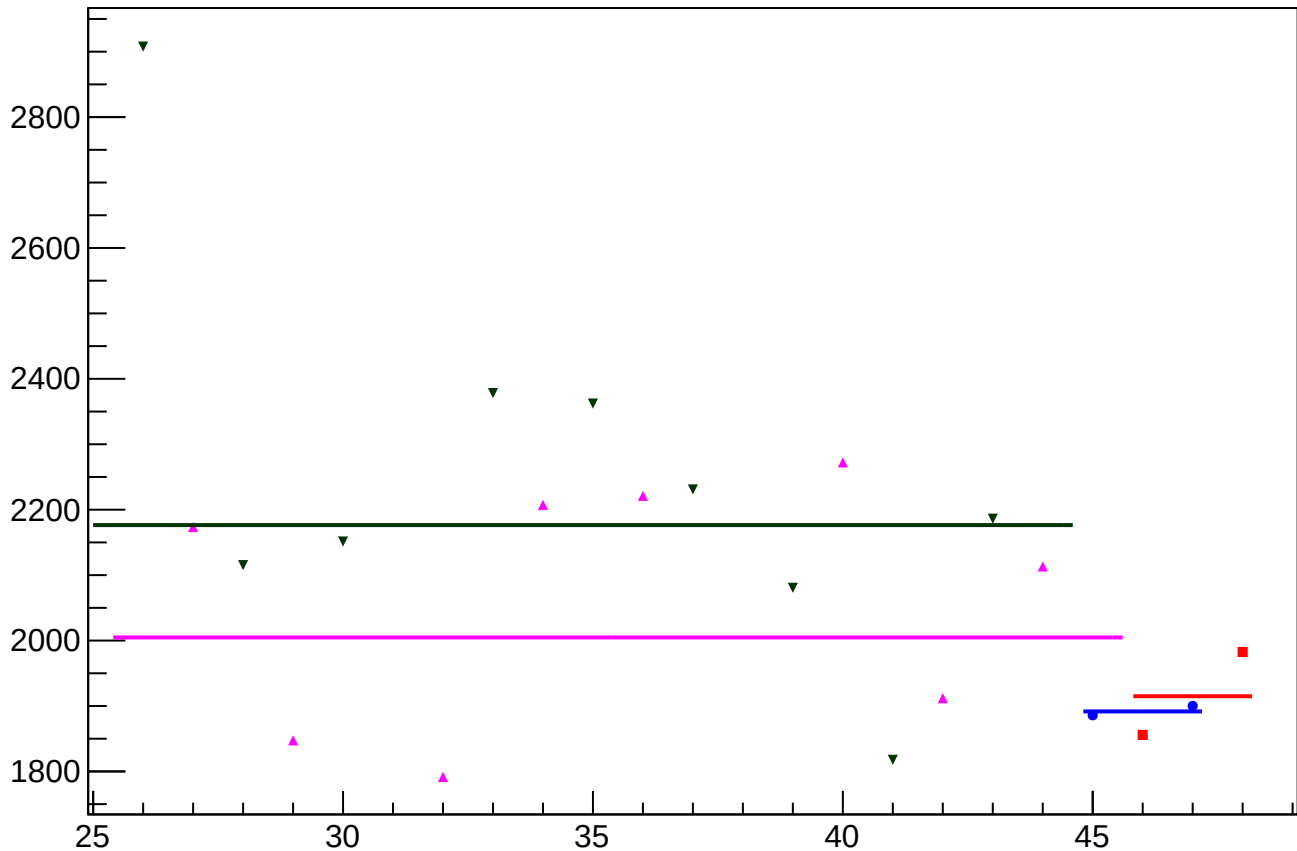
Right Out: -1069.395+/-2080.794 χ^2/NDF : 3.2/1

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

633.522+/-877.994 χ^2/NDF : 4.9/10

1024.279+/-818.976 χ^2/NDF : 14.8/9

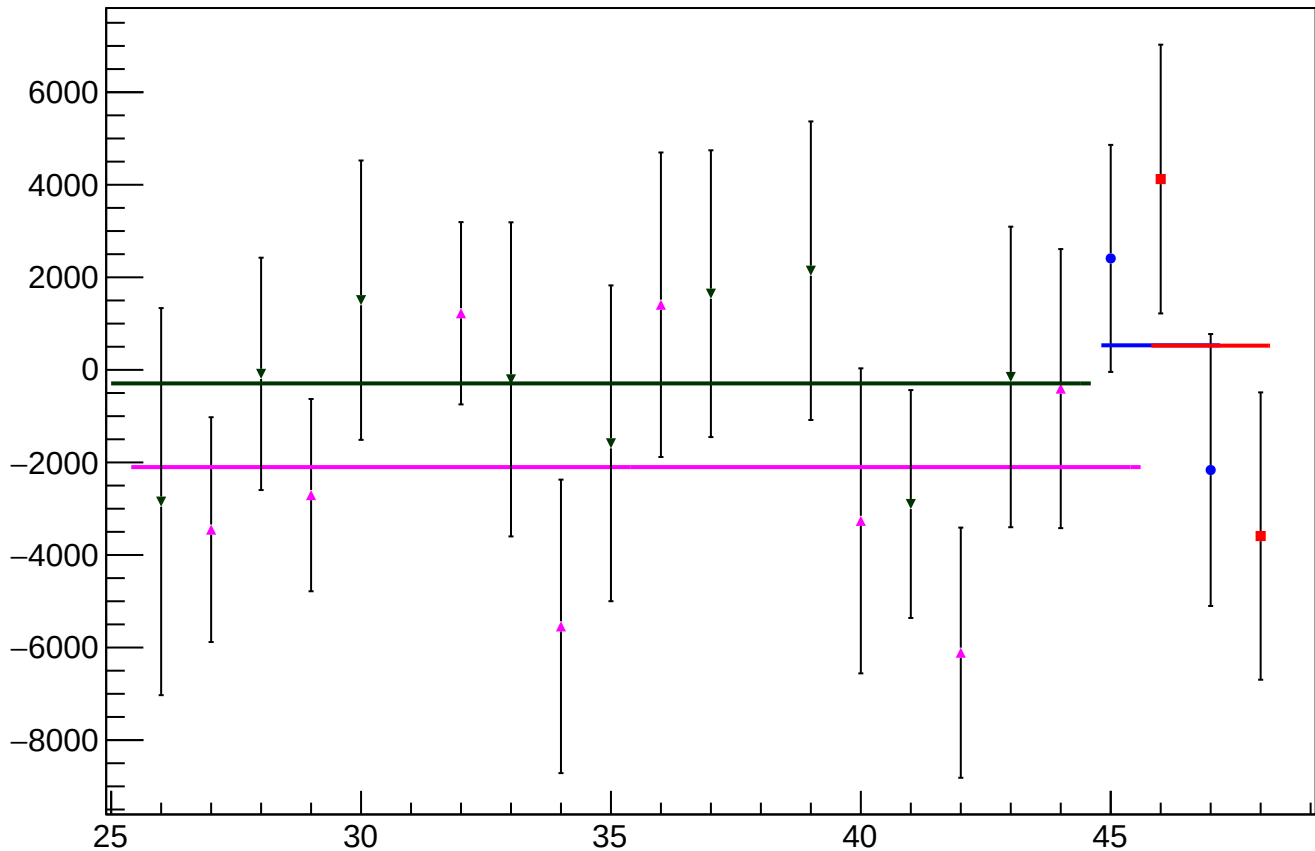
asym_atr2_correction_rms vs slug



Right In: 1891.684+/-1.305 χ^2/NDF : 29.5/1
 Left Out: 2176.497+/-0.706 χ^2/NDF :124899.3/8
 Right Out: 1914.875+/-1.471 χ^2/NDF : 1847.2/1
 Left In: 2004.754+/-0.630 χ^2/NDF :84278.5/7

2112.084+/-0.621 χ^2/NDF : 161761.1/10
 1990.831+/-0.579 χ^2/NDF : 89279.2/9

asym_atr2_mean vs slug



Right In: 530.922+/-1883.007 χ^2/NDF : 1.4/1

Left Out: -292.554+/-1021.514 χ^2/NDF : 3.0/8

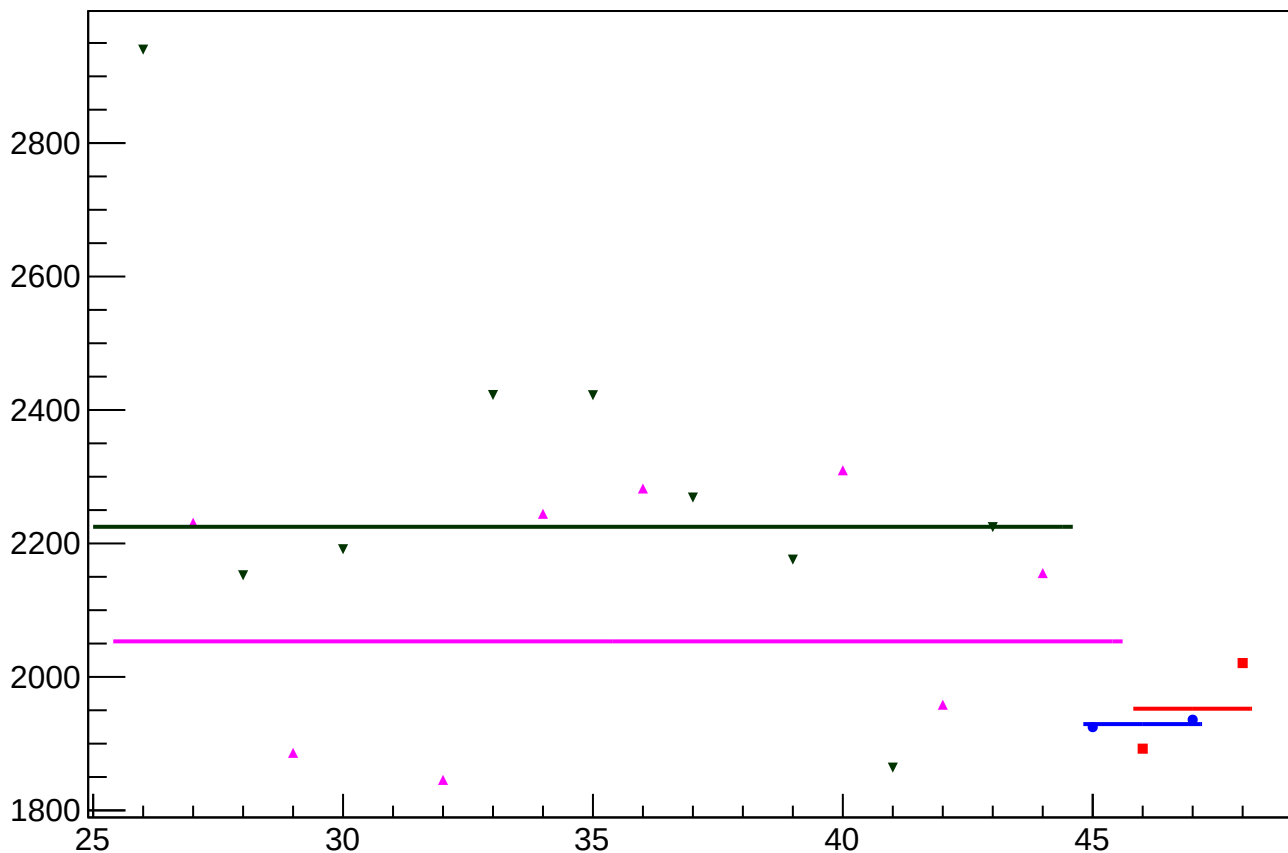
Right Out: 523.512+/-2120.740 χ^2/NDF : 3.3/1

Left In: -2100.632+/-916.751 χ^2/NDF : 8.2/7

-105.312+/-897.899 χ^2/NDF : 4.5/10

-1687.476+/-841.493 χ^2/NDF : 12.8/9

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

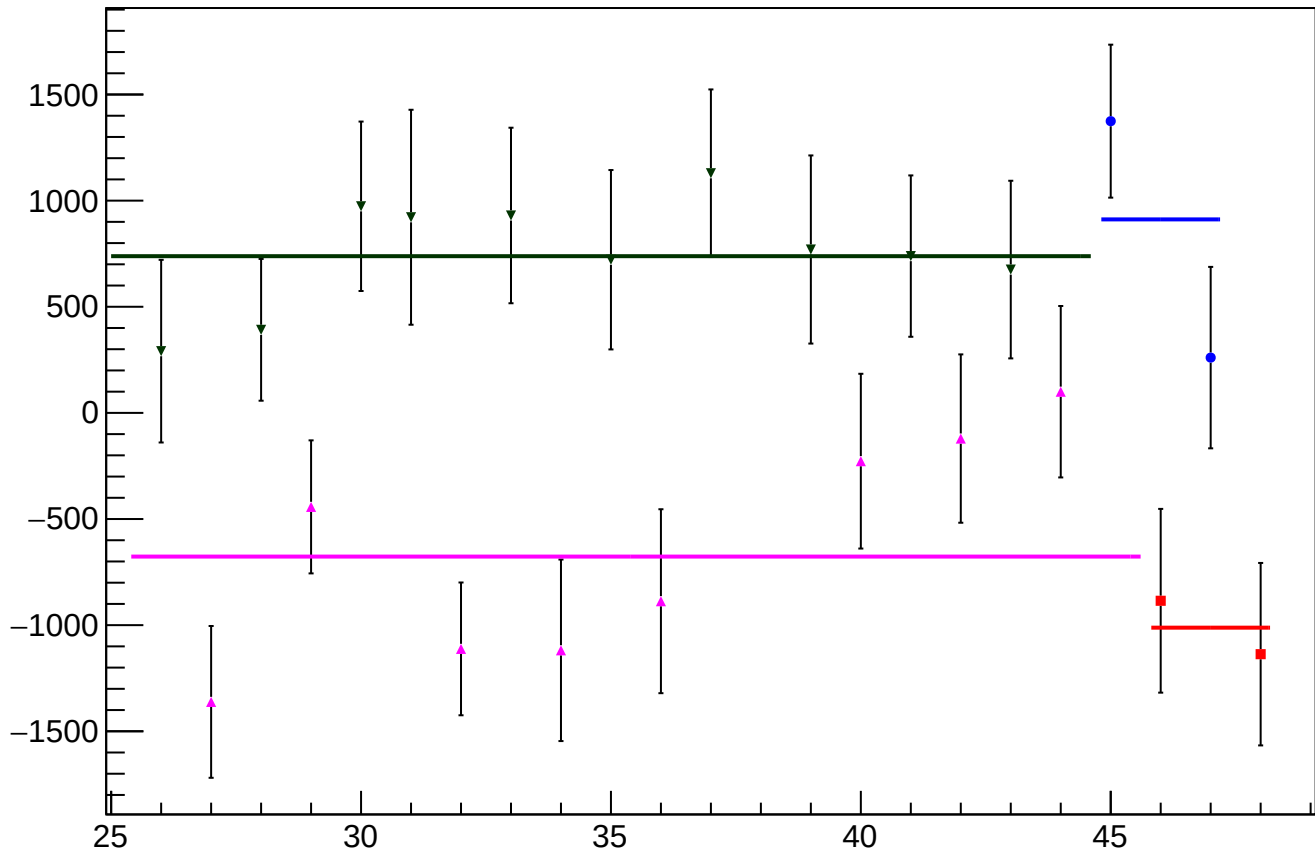
Right Out: 1952.346+/-1.500 χ^2/NDF : 1821.5/1

Left In: 2053.263+/-0.648 χ^2/NDF : 79708.2/7

2157.734+/-0.635 χ^2/NDF : 155778.6/10

2037.374+/-0.595 χ^2/NDF : 85345.5/9

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

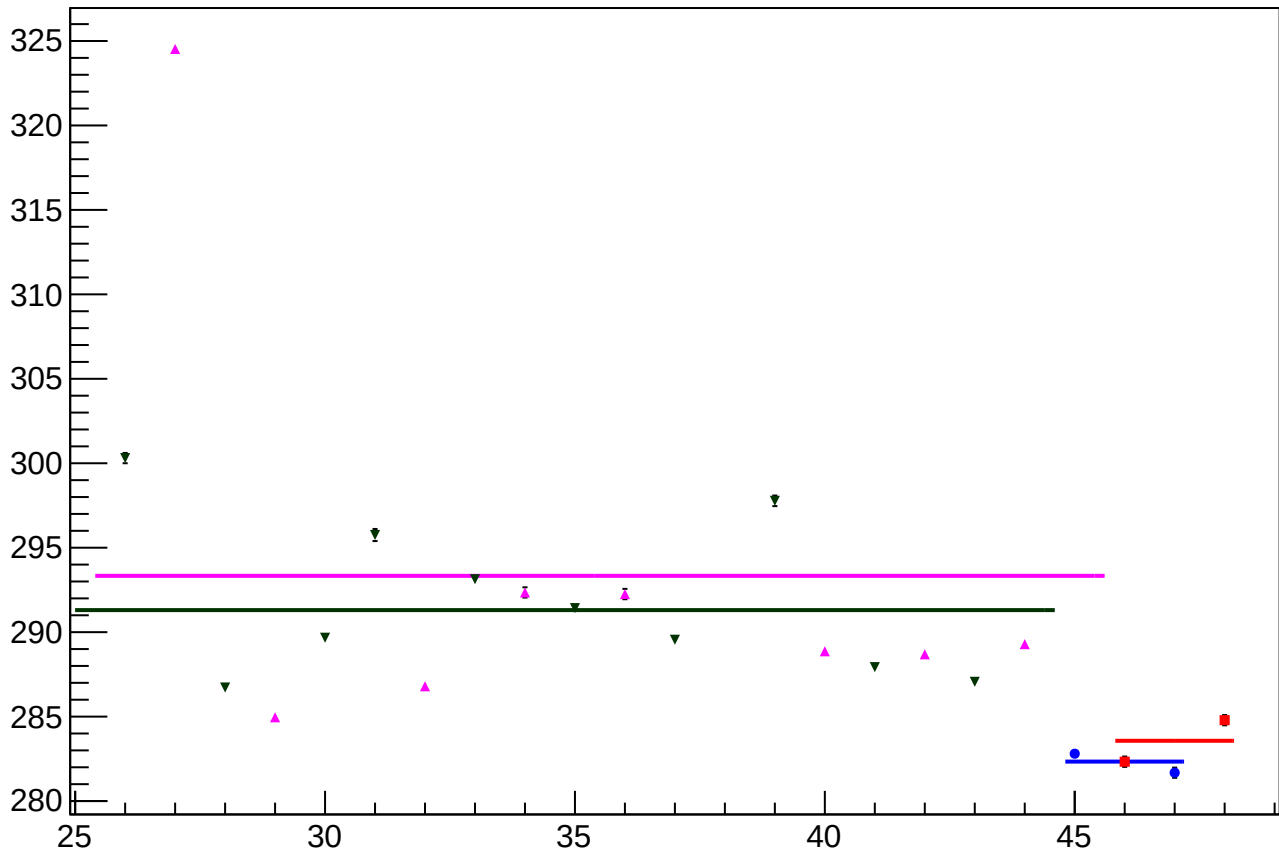
769.463 $\pm$ 116.793 χ^2/NDF : 8.2/11

Right Out: -1011.842 $\pm$ 305.002 χ^2/NDF : 0.2/1

-729.756 $\pm$ 121.125 χ^2/NDF : 15.5/9

Left In: -676.938 $\pm$ 131.978 χ^2/NDF :14.3/7

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

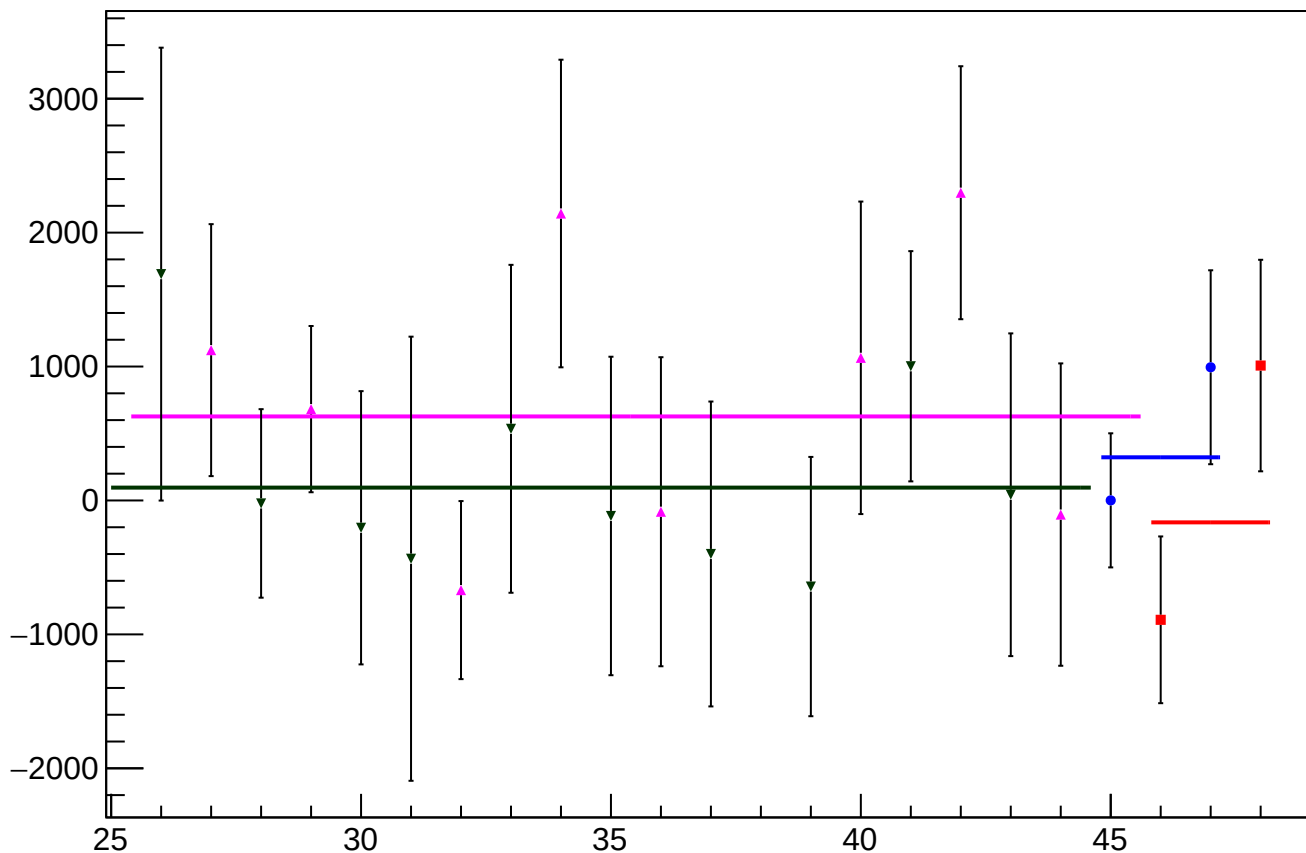
Right Out: 283.568+/-0.216 χ^2/NDF : 32.5/1

Left In: 293.335+/-0.093 χ^2/NDF : 18255.8/7

289.694+/-0.083 χ^2/NDF : 4055.2/11

291.795+/-0.086 χ^2/NDF : 20015.7/9

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

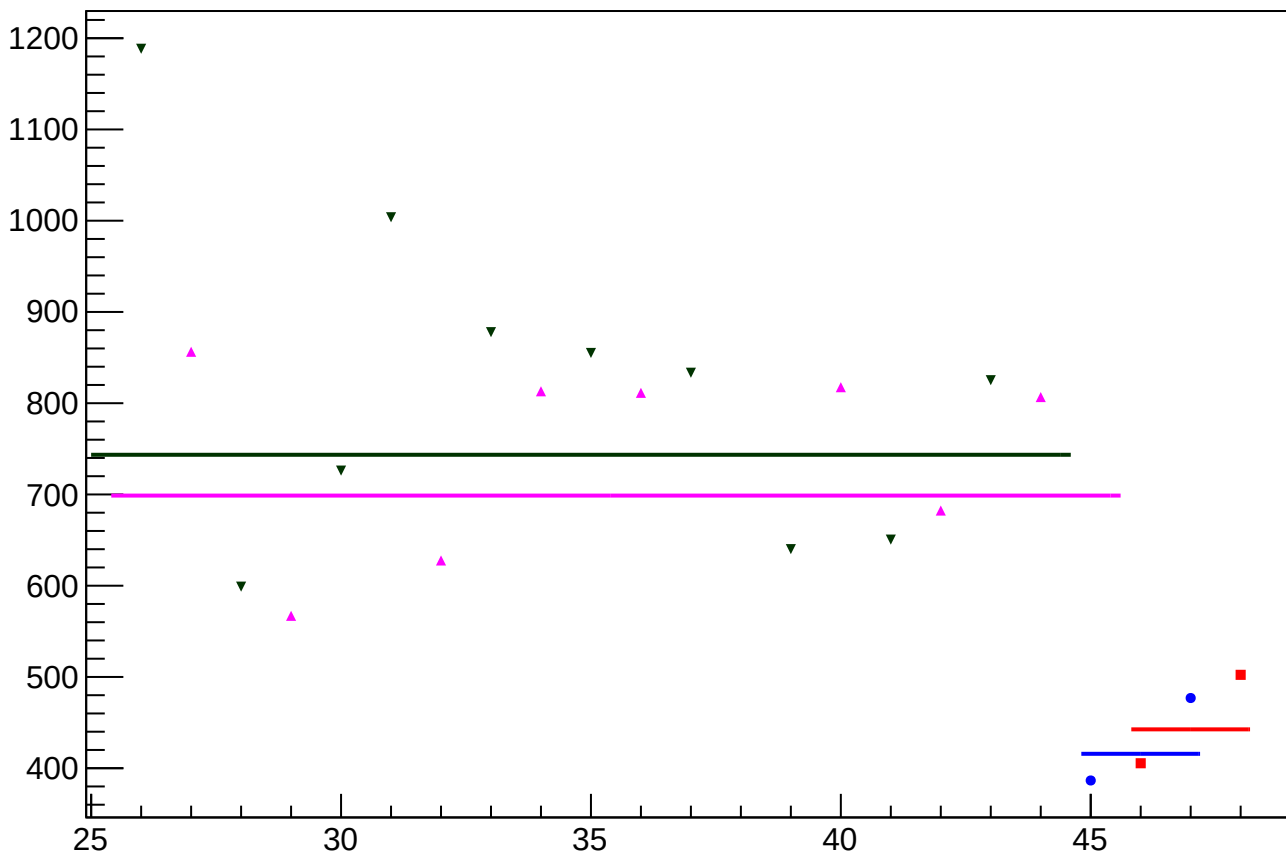
Right Out: -163.594+/-488.897 χ^2/NDF : 3.6/1

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

185.845+/-259.528 χ^2/NDF : 4.6/11

396.329+/-264.233 χ^2/NDF : 15.3/9

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

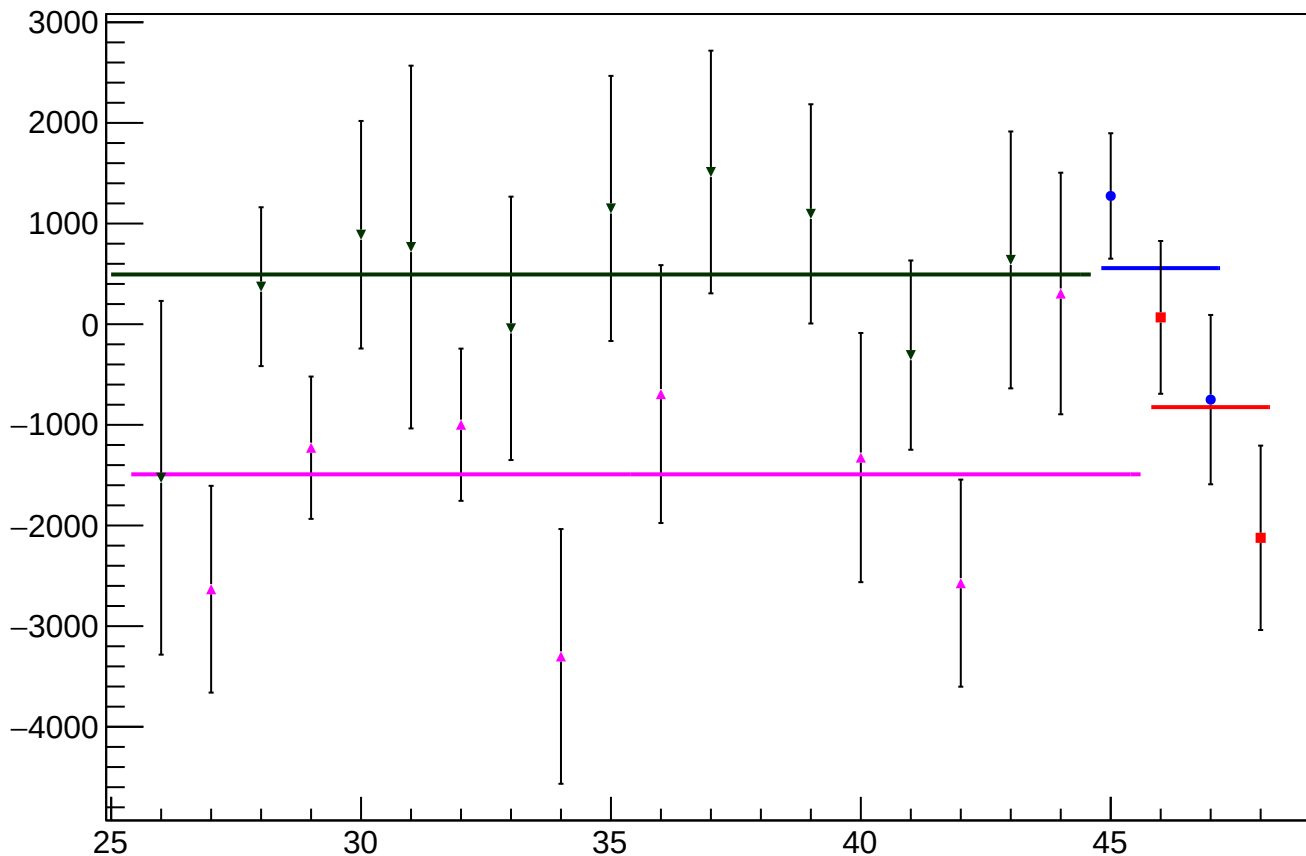
Right Out: 442.570+/-0.346 χ^2/NDF : 18568.3/1

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

613.299+/-0.184 χ^2/NDF : 1166870.0/11

623.933+/-0.187 χ^2/NDF : 655022.5/9

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

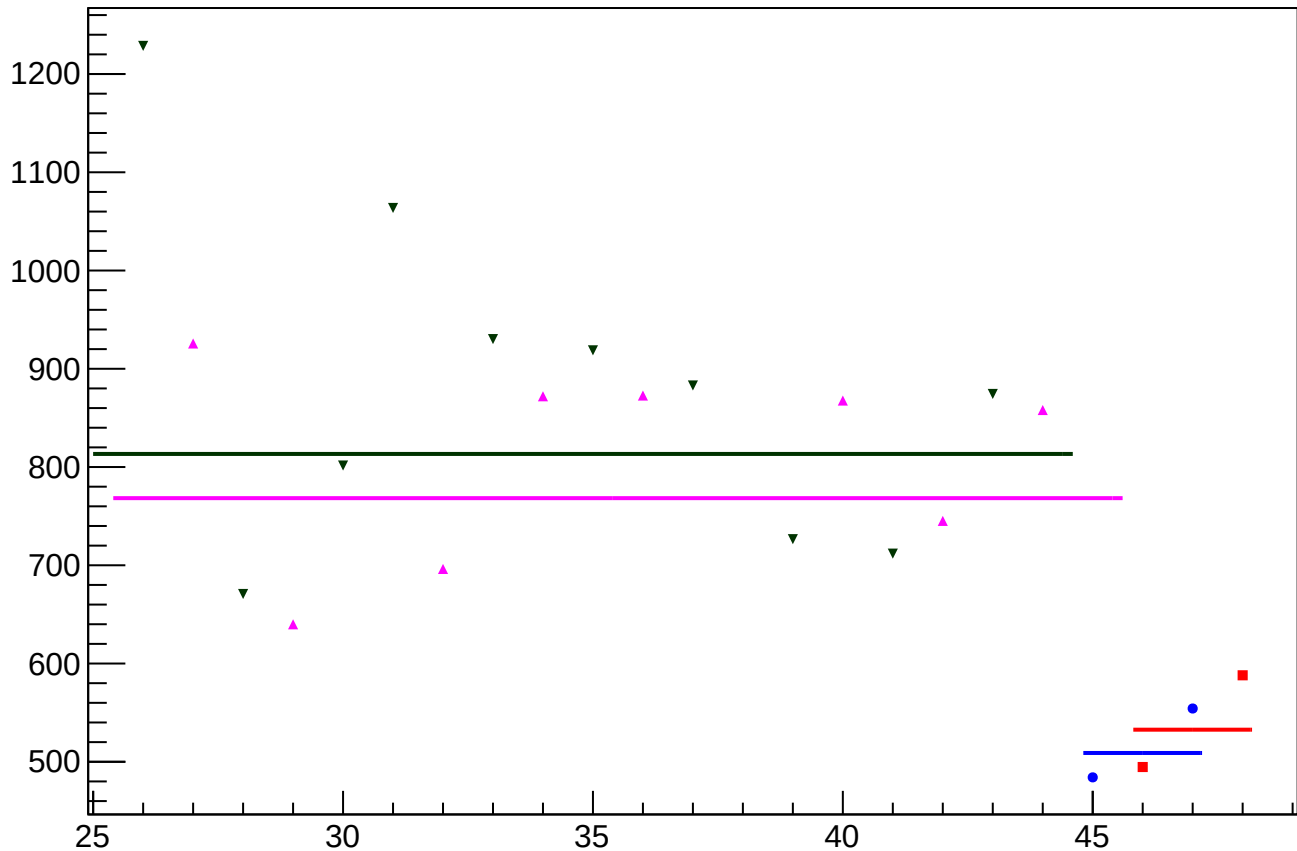
Right Out: -823.907+/-584.451 χ^2/NDF : 3.4/1

Left In: -1491.627+/-348.747 χ^2/NDF : 7.6/7

516.022+/-295.591 χ^2/NDF : 7.4/11

-1316.304+/-299.482 χ^2/NDF : 11.9/9

asym_atl_avg_rms vs slug



Right In: 508.969 $\pm$ 0.354 χ^2/NDF : 8963.0/1

Left Out: 813.323 $\pm$ 0.259 χ^2/NDF : 291804.3/9

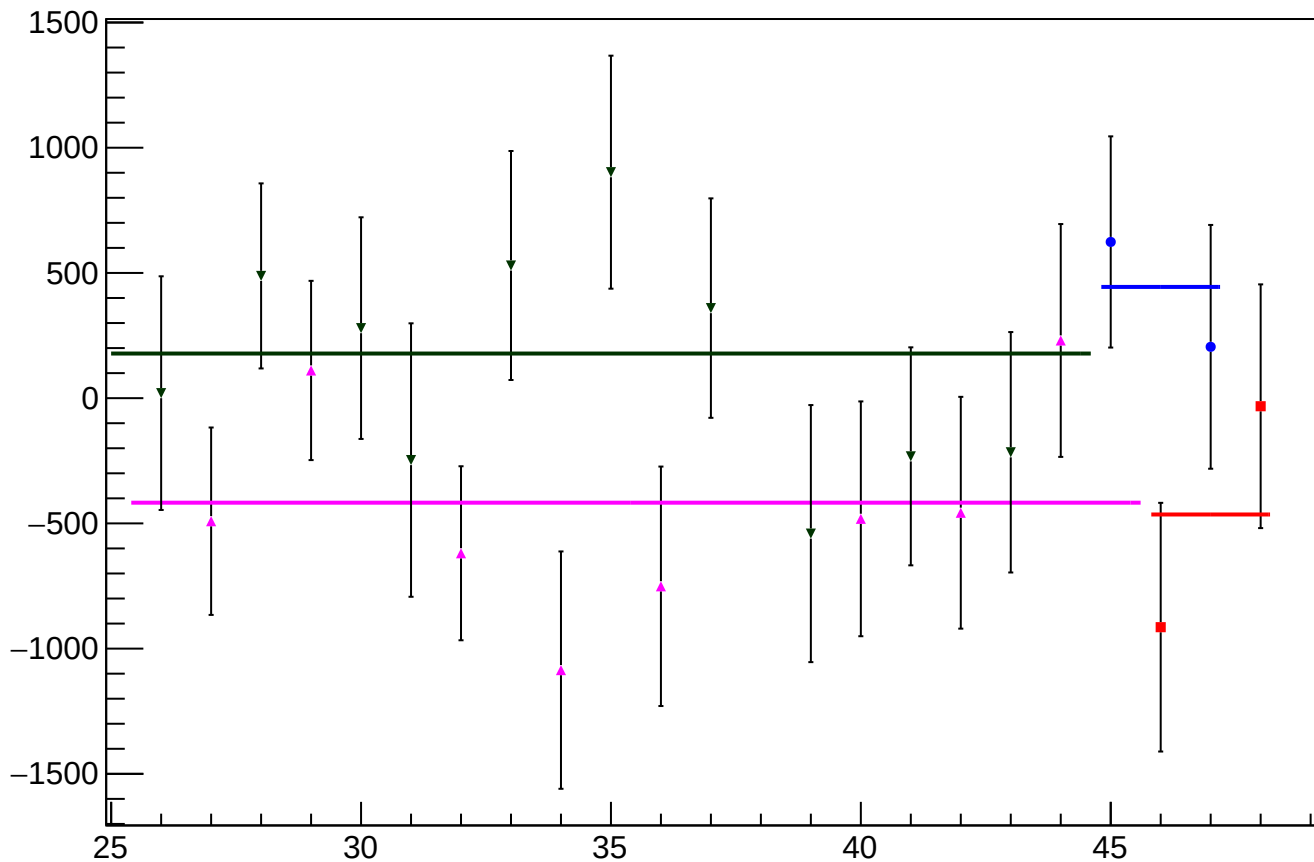
Right Out: 532.670 $\pm$ 0.413 χ^2/NDF : 12315.5/1

Left In: 768.326 $\pm$ 0.247 χ^2/NDF : 182845.3/7

707.258 $\pm$ 0.209 χ^2/NDF : 782179.4/11

706.450 $\pm$ 0.212 χ^2/NDF : 434939.1/9

reg_asym_atl_dd_mean vs slug



Right In: 444.178 $\pm$ 318.681 χ^2 /NDF: 0.4/1

Left Out: 178.217 $\pm$ 143.718 χ^2 /NDF: 8.2/9

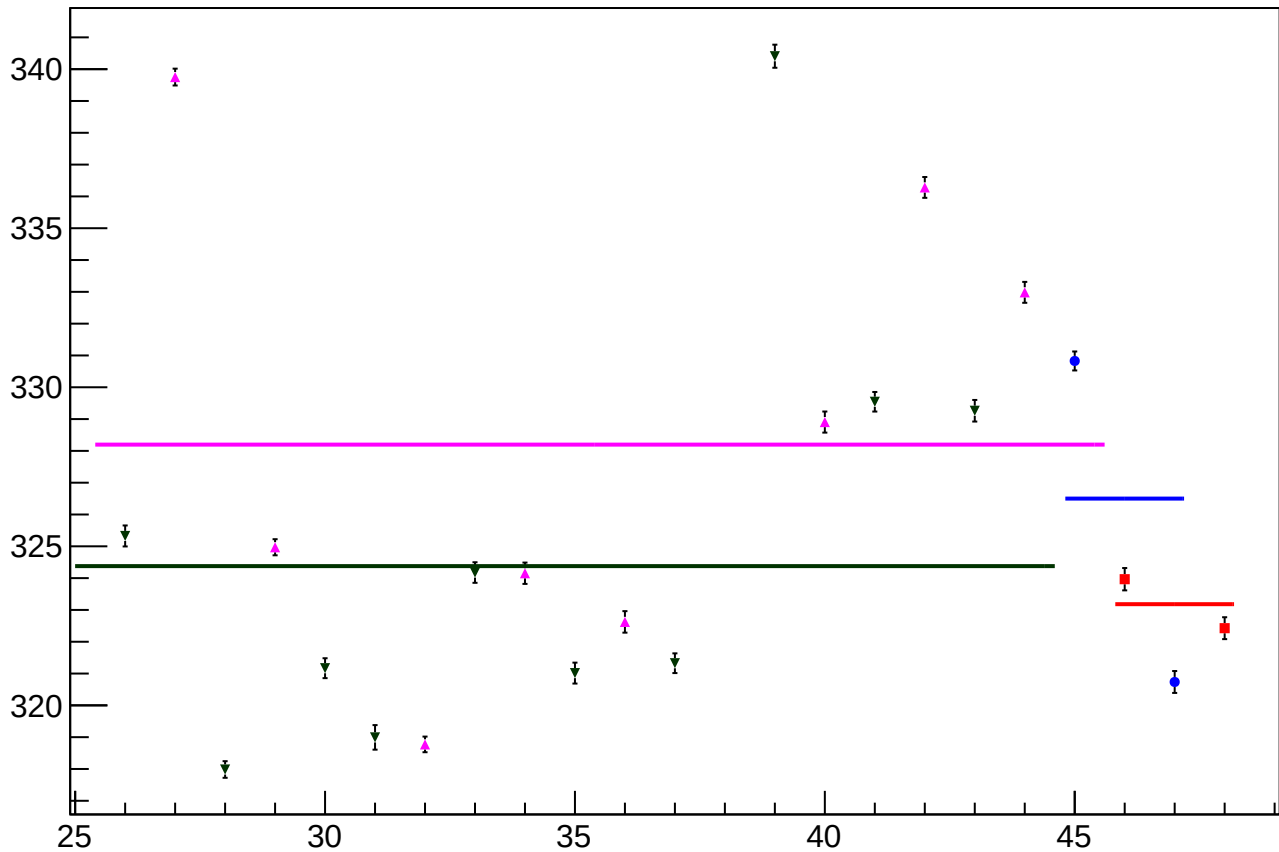
Right Out: -464.432 $\pm$ 347.521 χ^2 /NDF: 1.6/1

Left In: -417.319 $\pm$ 147.577 χ^2 /NDF: 7.0/7

223.166 $\pm$ 131.011 χ^2 /NDF: 9.2/11

-424.517 $\pm$ 135.836 χ^2 /NDF: 8.6/9

reg_asym_atl_dd_rms vs slug



Right In: 326.500 $\pm$ 0.225 χ^2 /NDF: 491.2/1

Left Out: 324.377 $\pm$ 0.102 χ^2 /NDF:3549.0/9

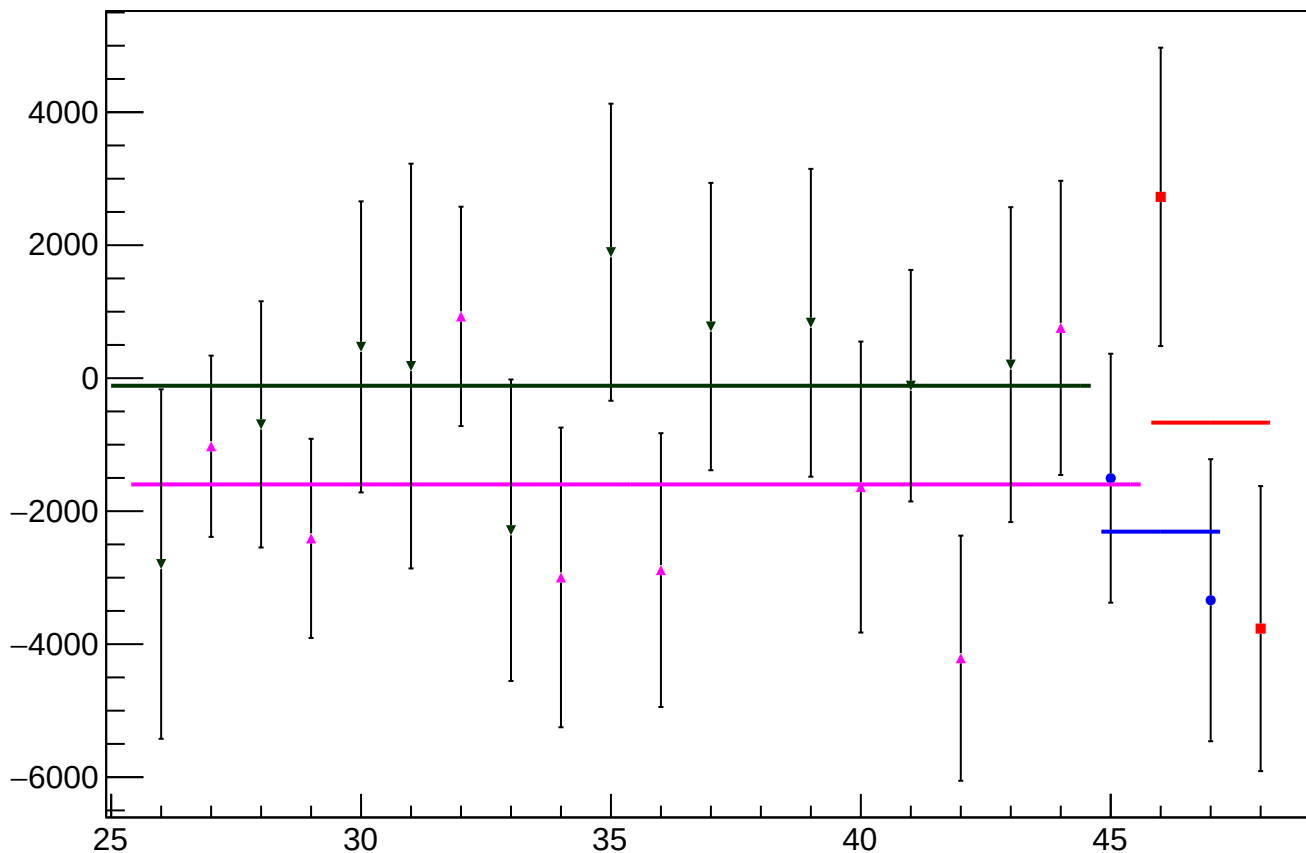
Right Out: 323.181 $\pm$ 0.246 χ^2 /NDF: 9.8/1

Left In: 328.197 $\pm$ 0.104 χ^2 /NDF:4786.7/7

324.736 $\pm$ 0.093 χ^2 /NDF: 4113.9/11

327.431 $\pm$ 0.096 χ^2 /NDF: 5149.5/9

asym_atl_dd_correction_mean vs slug



Right In: -2307.846 $\pm$ 1403.480 χ^2 /NDF: 0.4/1

Left Out: -113.667 $\pm$ 697.189 χ^2 /NDF: 3.3/9

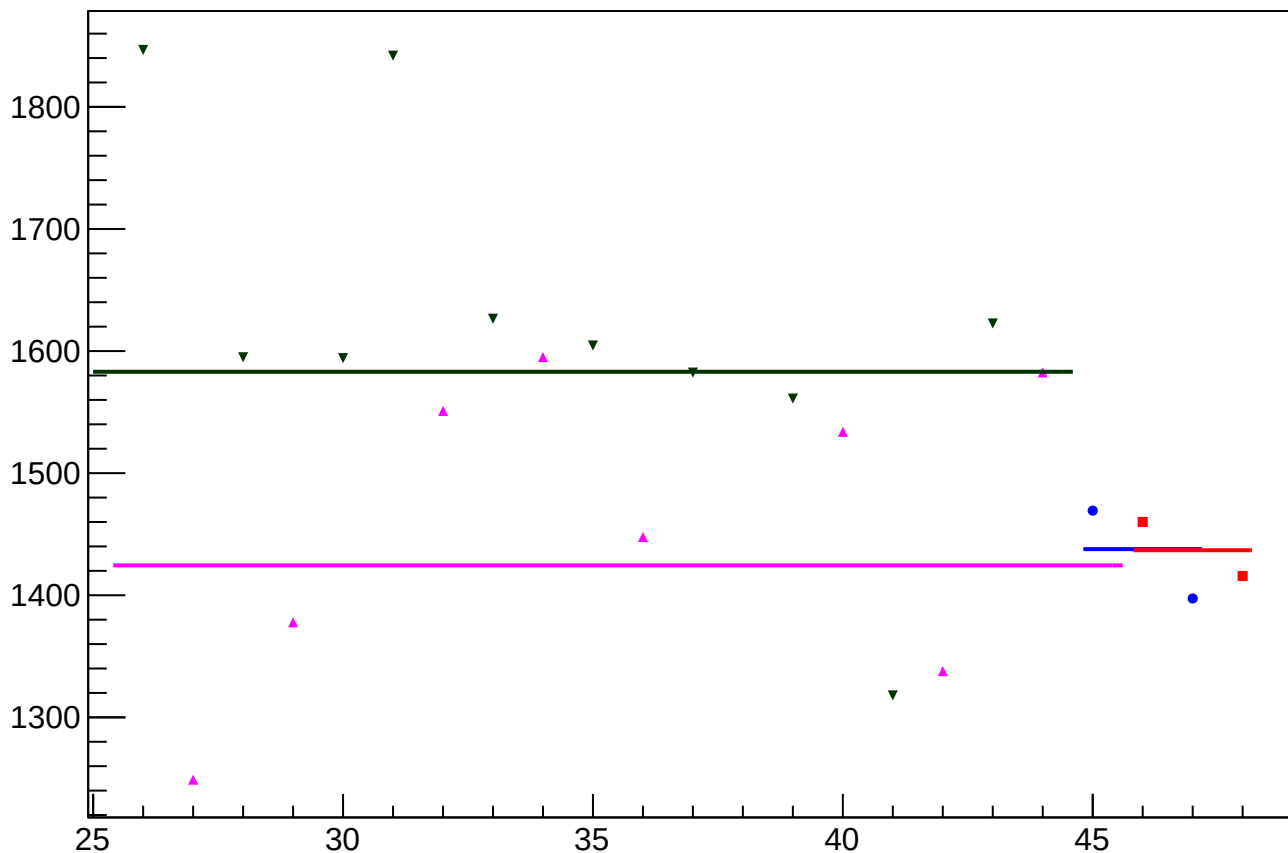
Right Out: -668.370 $\pm$ 1549.845 χ^2 /NDF: 4.4/1

Left In: -1597.547 $\pm$ 633.459 χ^2 /NDF: 6.7/7

-547.952 $\pm$ 624.392 χ^2 /NDF: 5.7/11

-1464.542 $\pm$ 586.371 χ^2 /NDF: 11.4/9

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

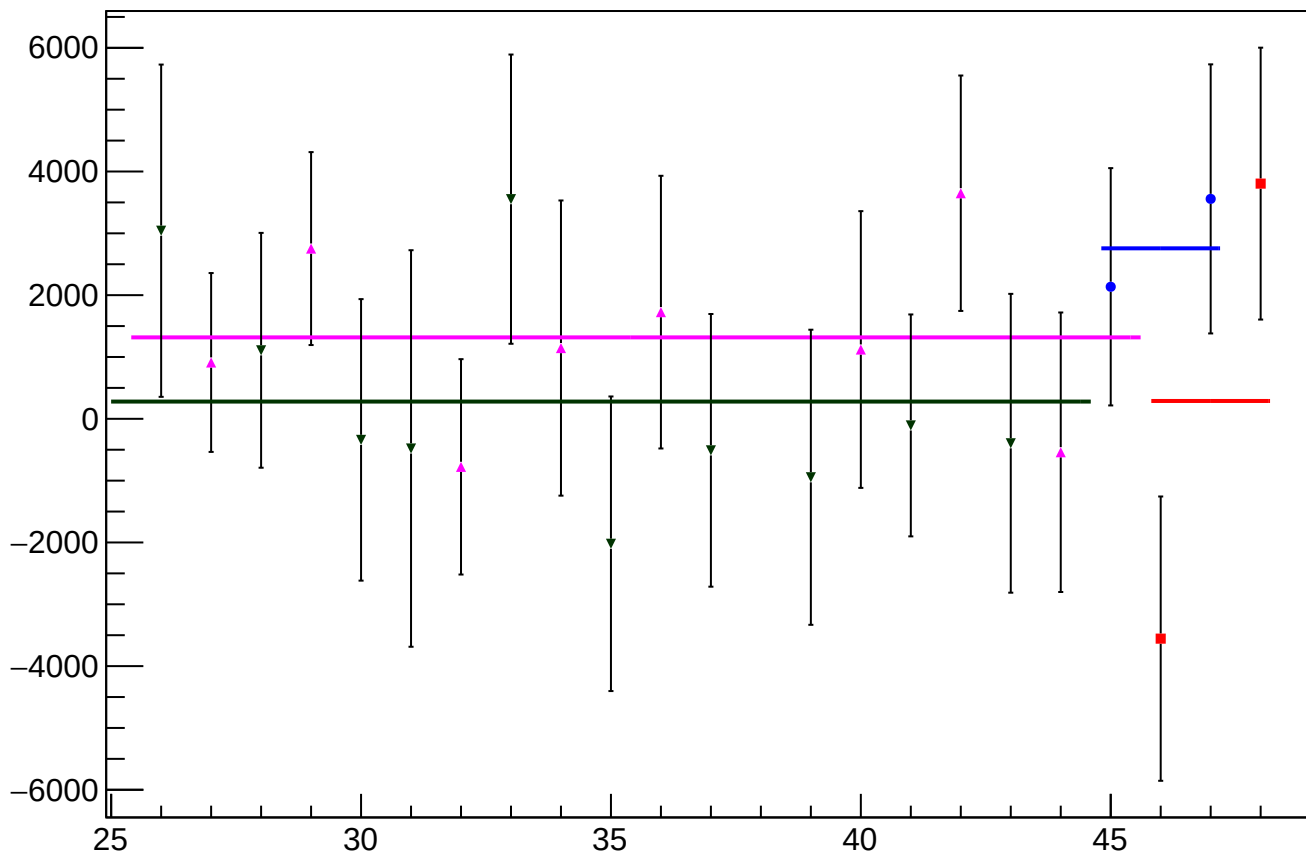
Right Out: 1436.877 ± 1.096 χ^2/NDF : 406.5/1

Left In: 1424.479 ± 0.448 χ^2/NDF : 78214.9/7

1554.297 ± 0.442 χ^2/NDF : 101234.8/11

1426.254 ± 0.415 χ^2/NDF : 78731.1/9

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

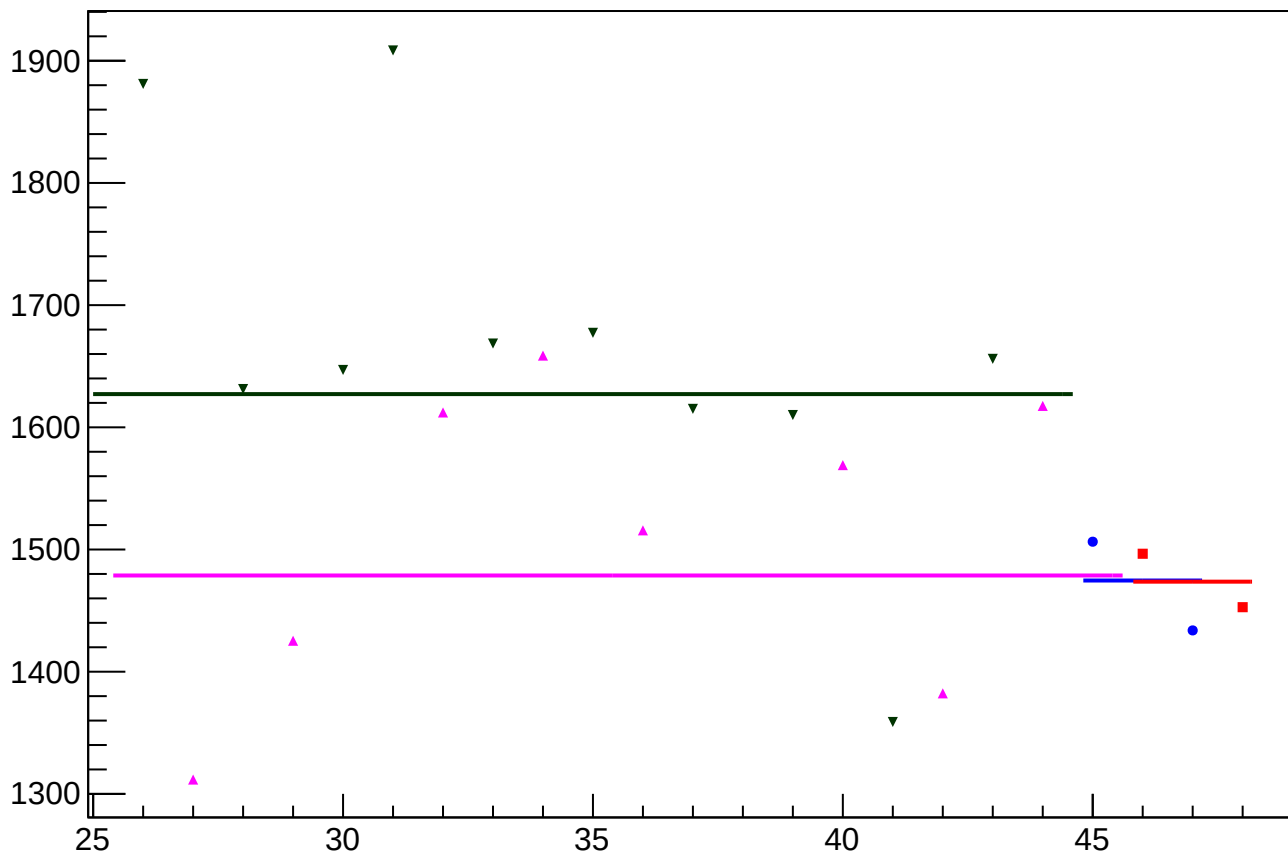
Right Out: 288.483+/-1589.106 χ^2/NDF : 5.4/1

Left In: 1317.055+/-663.629 χ^2/NDF : 4.6/7

775.186+/-644.097 χ^2/NDF : 7.4/11

1164.311+/-612.375 χ^2/NDF : 10.3/9

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

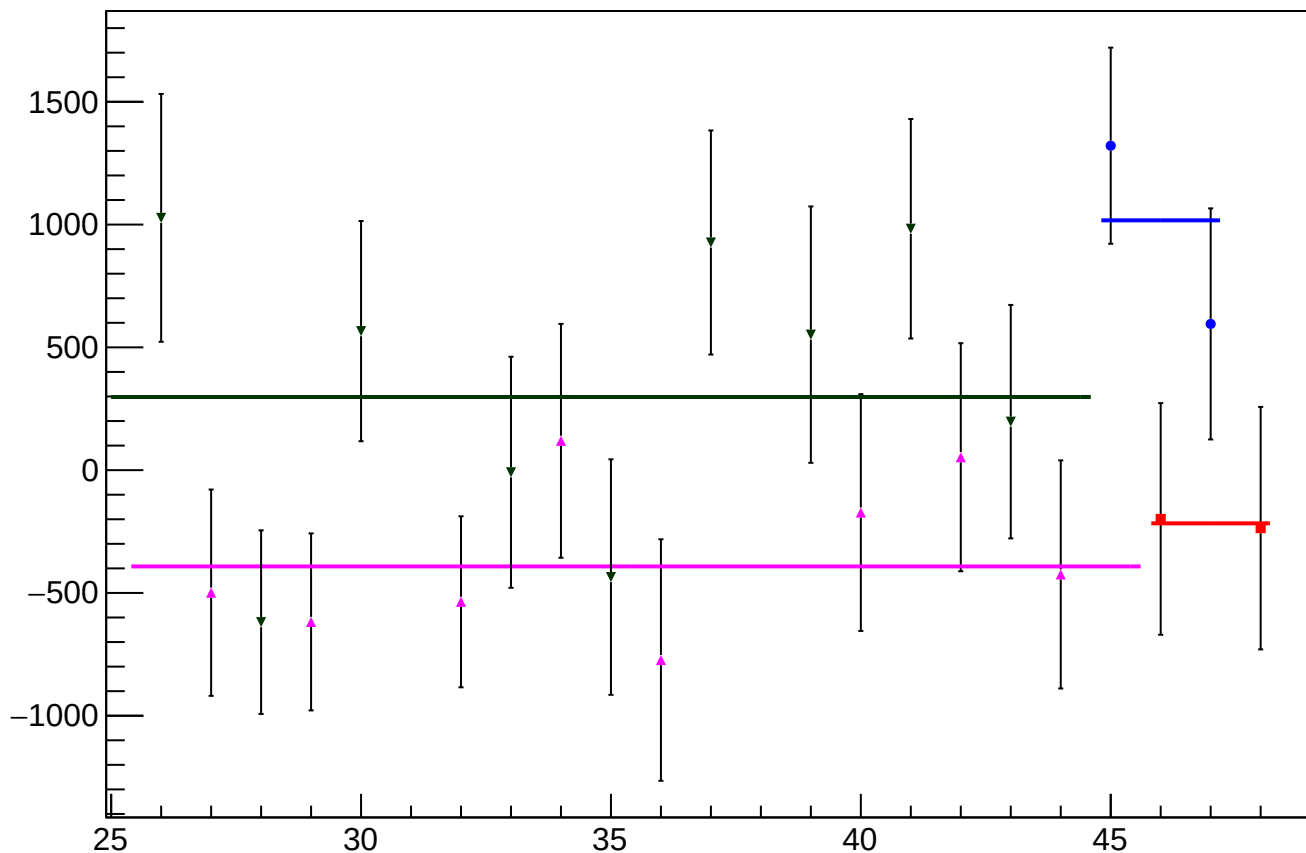
Right Out: 1473.693+/-1.124 χ^2/NDF : 378.0/1

Left In: 1478.747+/-0.469 χ^2/NDF :68597.0/7

1596.645+/-0.455 χ^2/NDF : 99286.3/11

1477.996+/-0.433 χ^2/NDF : 68992.3/9

reg_asym_atr_avg_mean vs slug



Right In: 1017.240 $\pm$ 304.433 χ^2/NDF : 1.4/1

Left Out: 297.955 $\pm$ 152.800 χ^2/NDF : 15.8/8

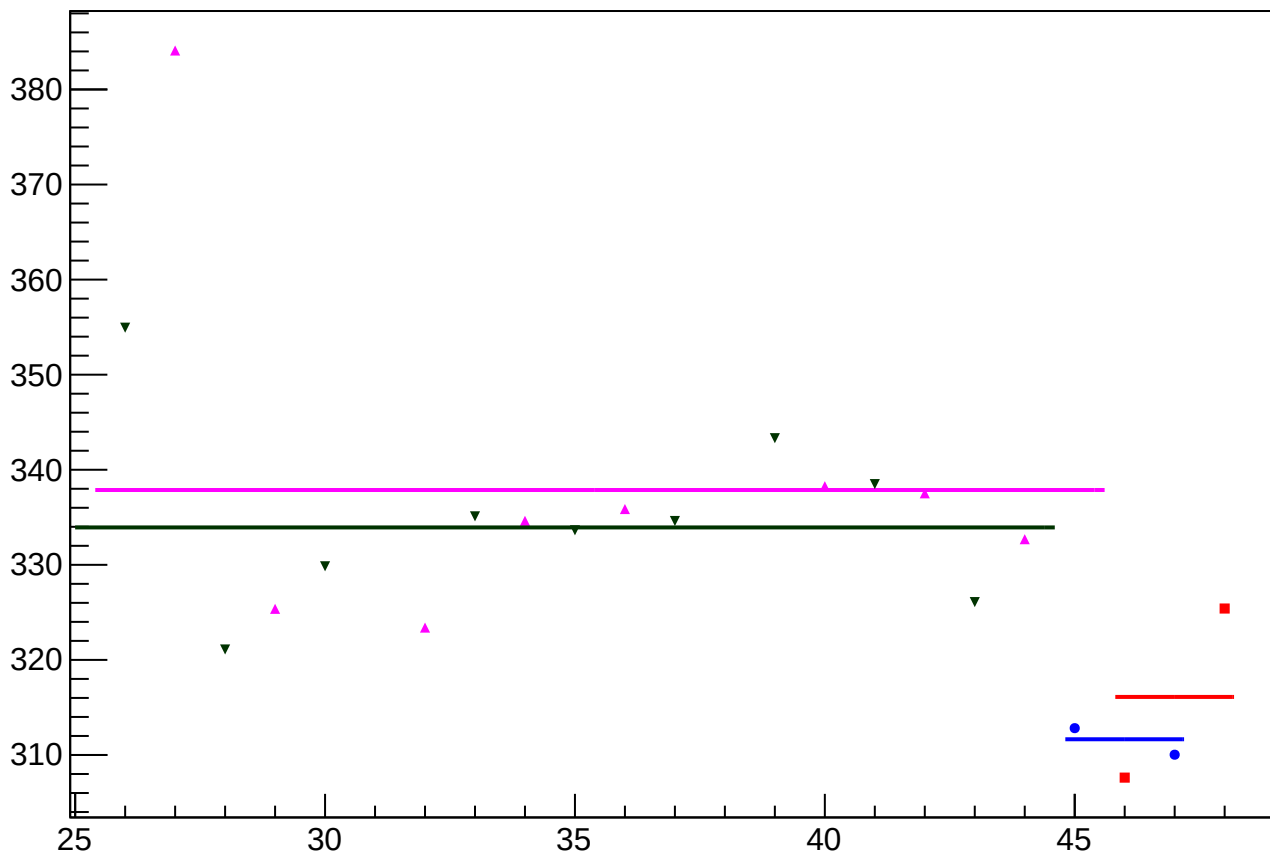
Right Out: -216.593 $\pm$ 341.069 χ^2/NDF : 0.0/1

Left In: -392.029 $\pm$ 151.208 χ^2/NDF : 3.5/7

442.695 $\pm$ 136.564 χ^2/NDF : 21.6/10

-363.211 $\pm$ 138.232 χ^2/NDF : 3.7/9

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

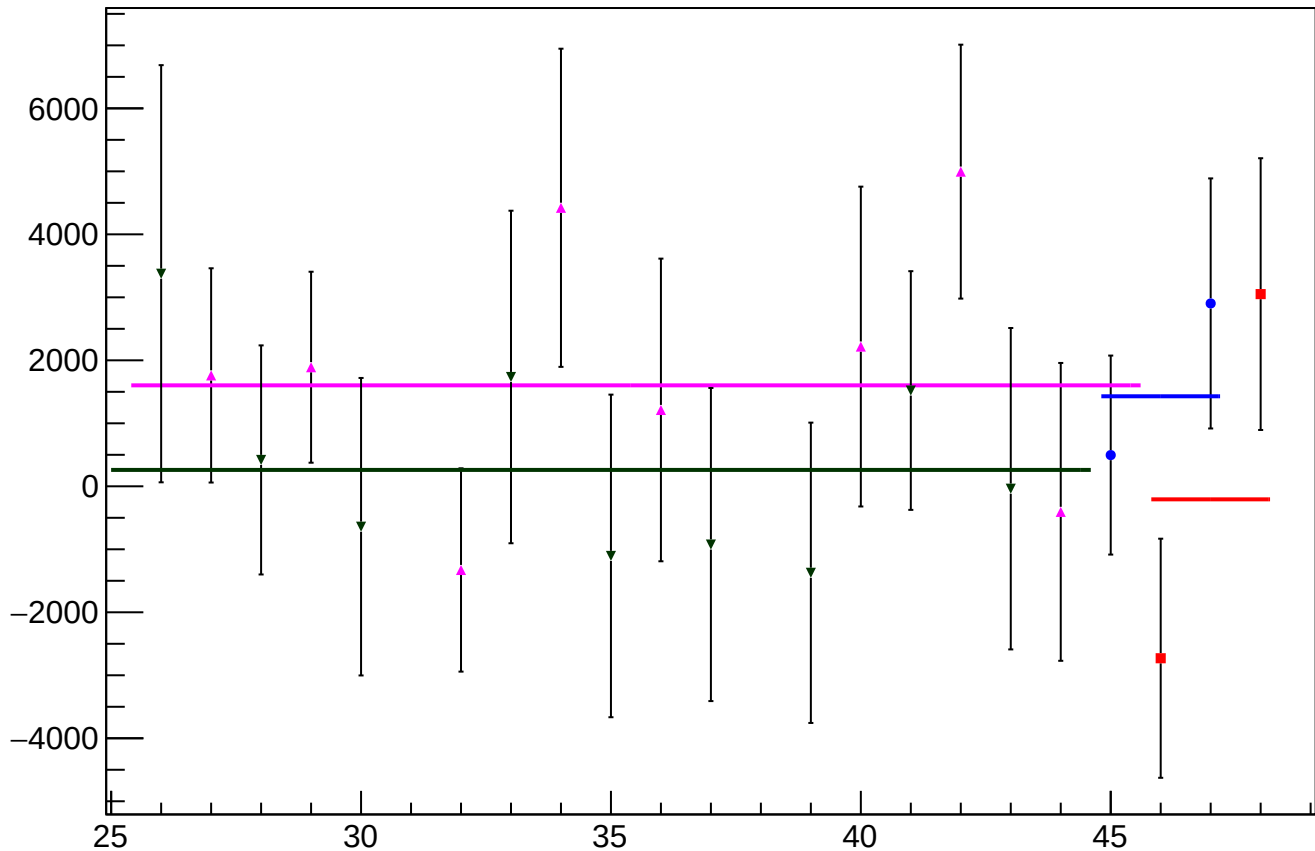
Right Out: 316.106+/-0.241 χ^2/NDF : 1357.0/1

Left In: 337.870+/-0.107 χ^2/NDF : 30461.2/7

329.450+/-0.097 χ^2/NDF : 16006.8/10

334.295+/-0.098 χ^2/NDF : 38624.6/9

asym_atr_avg_correction_mean vs slug



Right In: 1429.086 $\pm$ 1236.035 χ^2 /NDF: 0.9/1

Left Out: 260.094 $\pm$ 781.083 χ^2 /NDF: 2.8/8

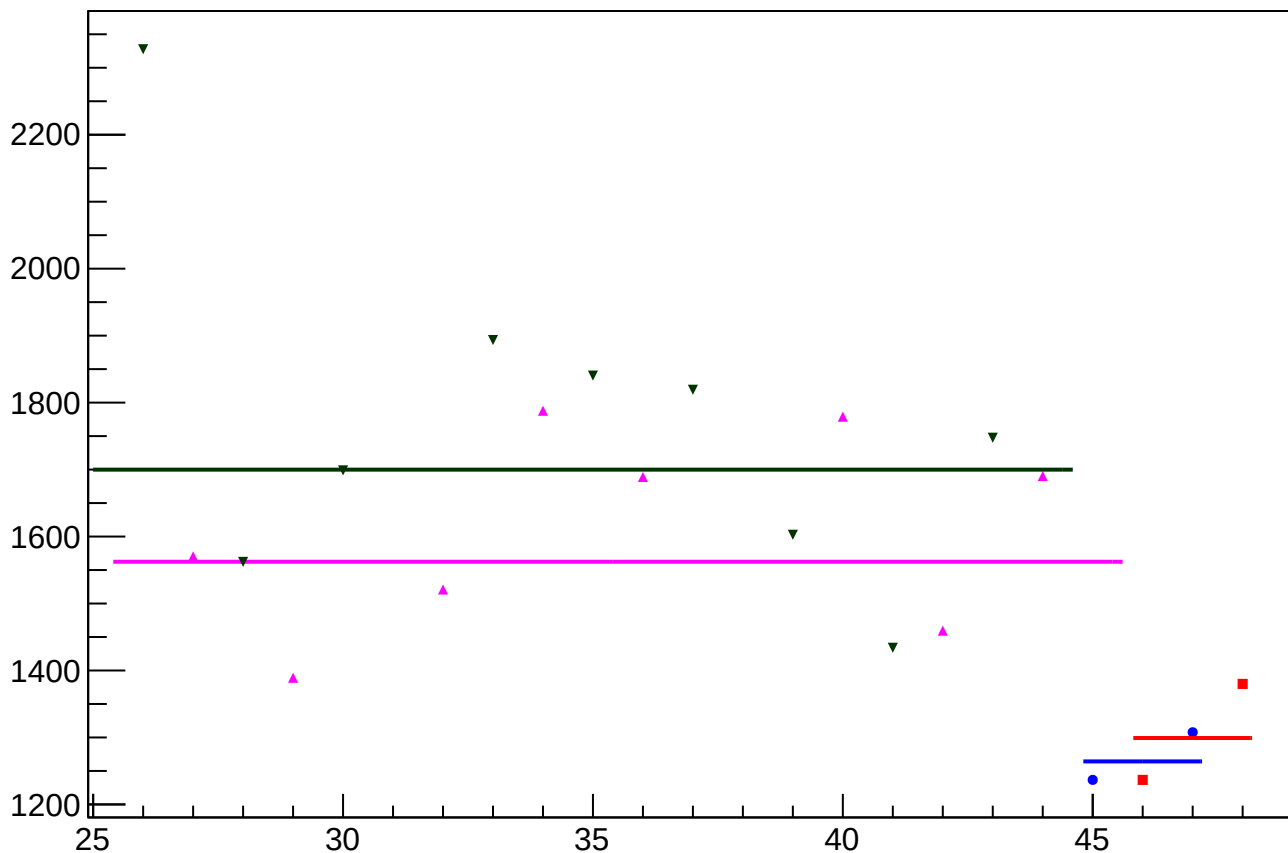
Right Out: -207.052 $\pm$ 1424.857 χ^2 /NDF: 4.0/1

Left In: 1602.732 $\pm$ 694.176 χ^2 /NDF: 8.2/7

593.693 $\pm$ 660.294 χ^2 /NDF: 4.3/10

1255.572 $\pm$ 624.055 χ^2 /NDF: 13.6/9

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

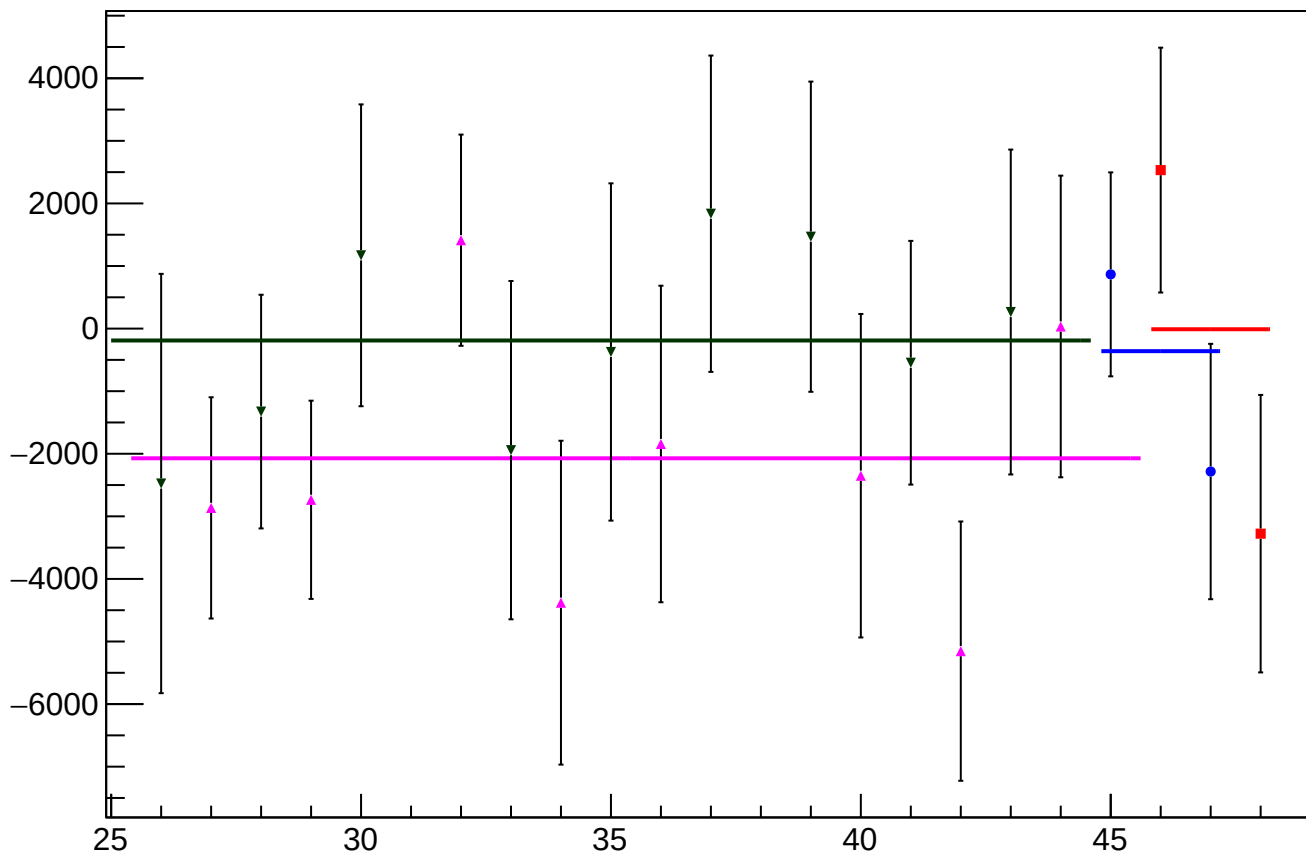
Right Out: 1299.185+/-1.008 χ^2/NDF : 4978.5/1

Left In: 1562.377+/-0.491 χ^2/NDF : 74597.0/7

1575.584+/-0.467 χ^2/NDF : 327315.3/10

1511.890+/-0.441 χ^2/NDF : 134724.5/9

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

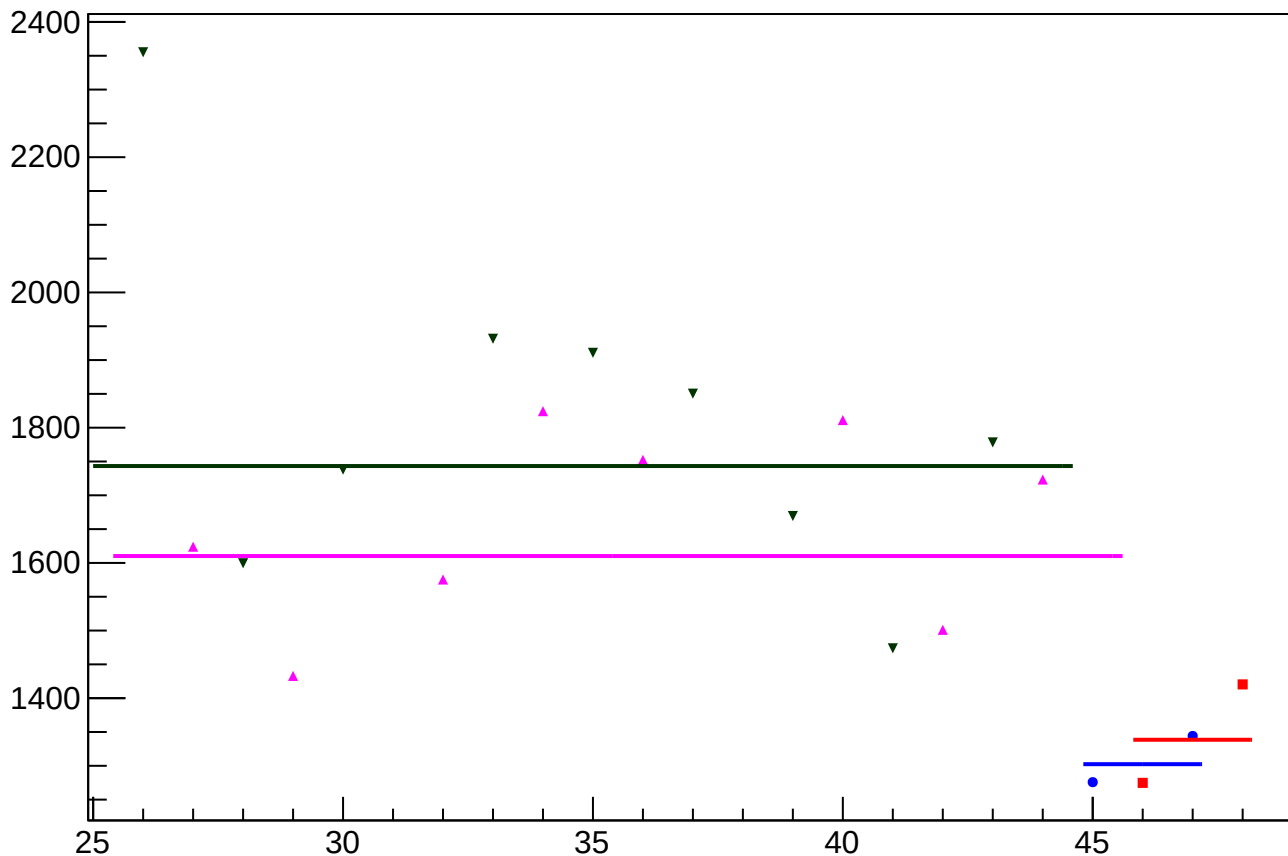
Right Out: -10.377+/-1466.838 χ^2/NDF : 3.9/1

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

-238.397+/-678.698 χ^2/NDF : 4.2/10

-1672.424+/-646.153 χ^2/NDF : 13.9/9

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

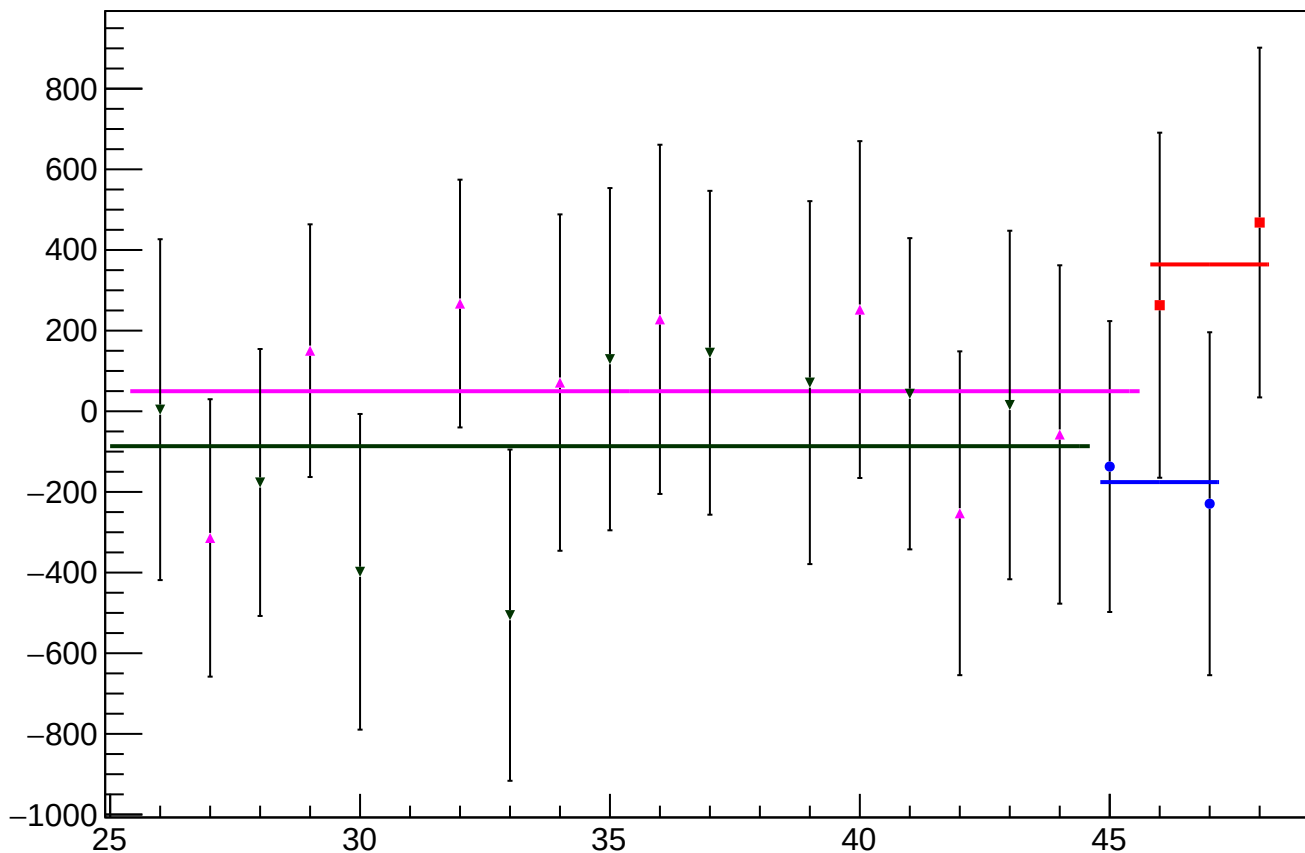
Right Out: 1338.507 ± 1.037 χ^2/NDF : 4849.6/1

Left In: 1610.197 ± 0.509 χ^2/NDF : 68106.1/7

1618.012 ± 0.480 χ^2/NDF : 313083.2/10

1557.477 ± 0.457 χ^2/NDF : 128255.6/9

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

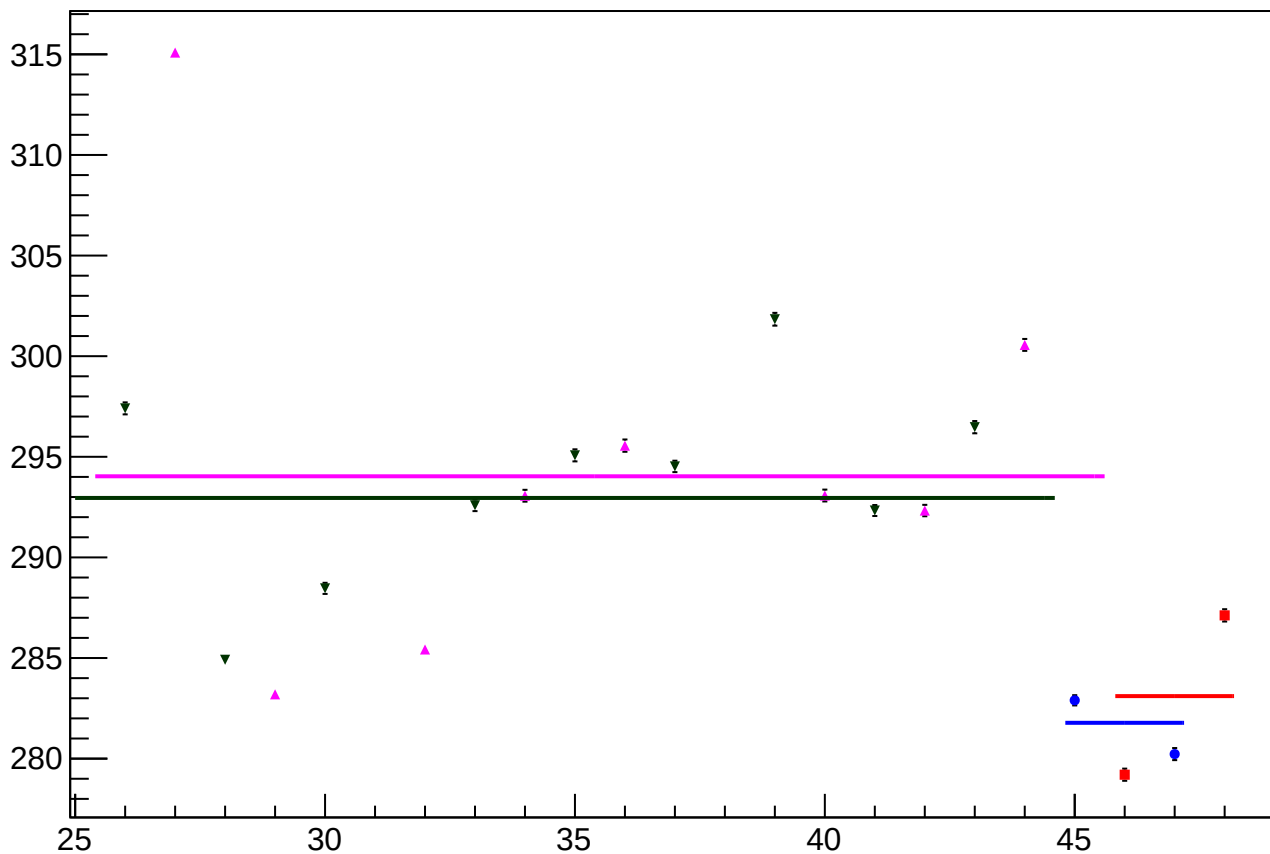
Right Out: 364.172+/-304.572 χ^2/NDF : 0.1/1

Left In: 49.768+/-131.388 χ^2/NDF : 2.8/7

-103.565+/-120.250 χ^2/NDF : 2.8/10

99.097+/-120.641 χ^2/NDF : 3.8/9

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

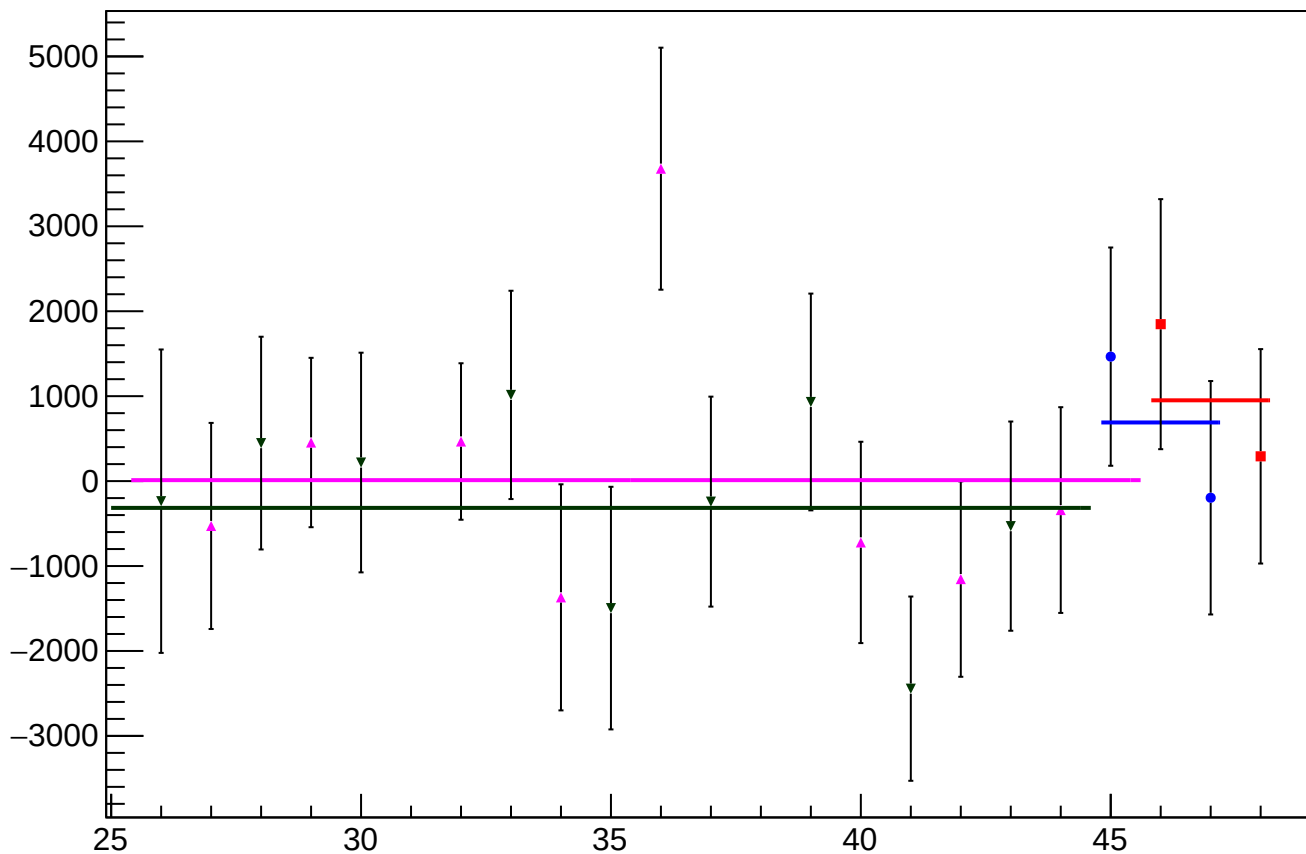
Right Out: 283.107 $\pm$ 0.215 χ^2 /NDF: 337.9/1

Left In: 294.031 $\pm$ 0.093 χ^2 /NDF:12021.3/7

290.819 $\pm$ 0.085 χ^2 /NDF: 5380.0/10

292.317 $\pm$ 0.085 χ^2 /NDF: 14528.5/9

asym_atr_dd_correction_mean vs slug



Right In: 690.392 $\pm$ 938.551 χ^2/NDF : 0.8/1

Left Out: -315.415 $\pm$ 427.109 χ^2/NDF : 7.2/8

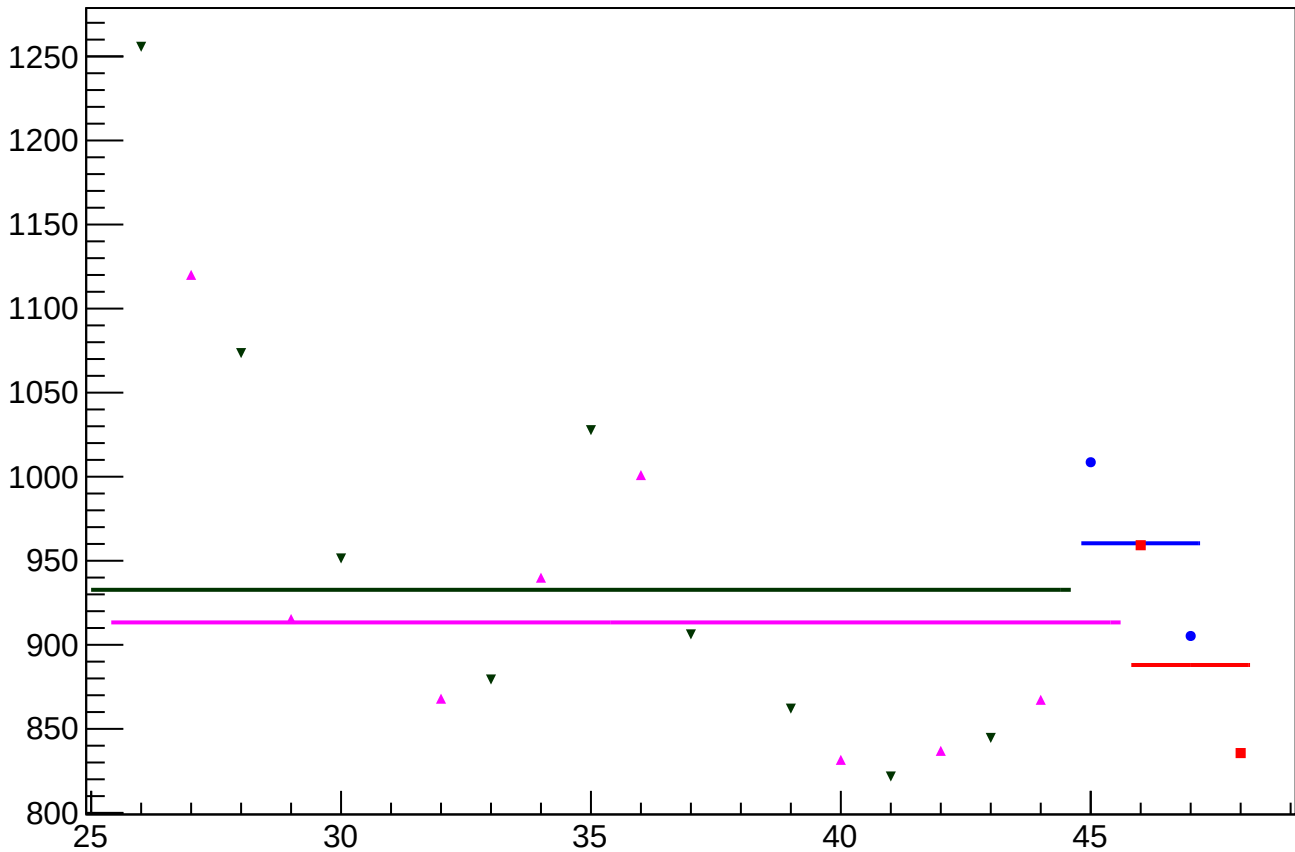
Right Out: 951.144 $\pm$ 958.218 χ^2/NDF : 0.6/1

Left In: 11.284 $\pm$ 405.892 χ^2/NDF : 9.8/7

-142.857 $\pm$ 388.749 χ^2/NDF : 9.0/10

154.267 $\pm$ 373.744 χ^2/NDF : 11.3/9

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

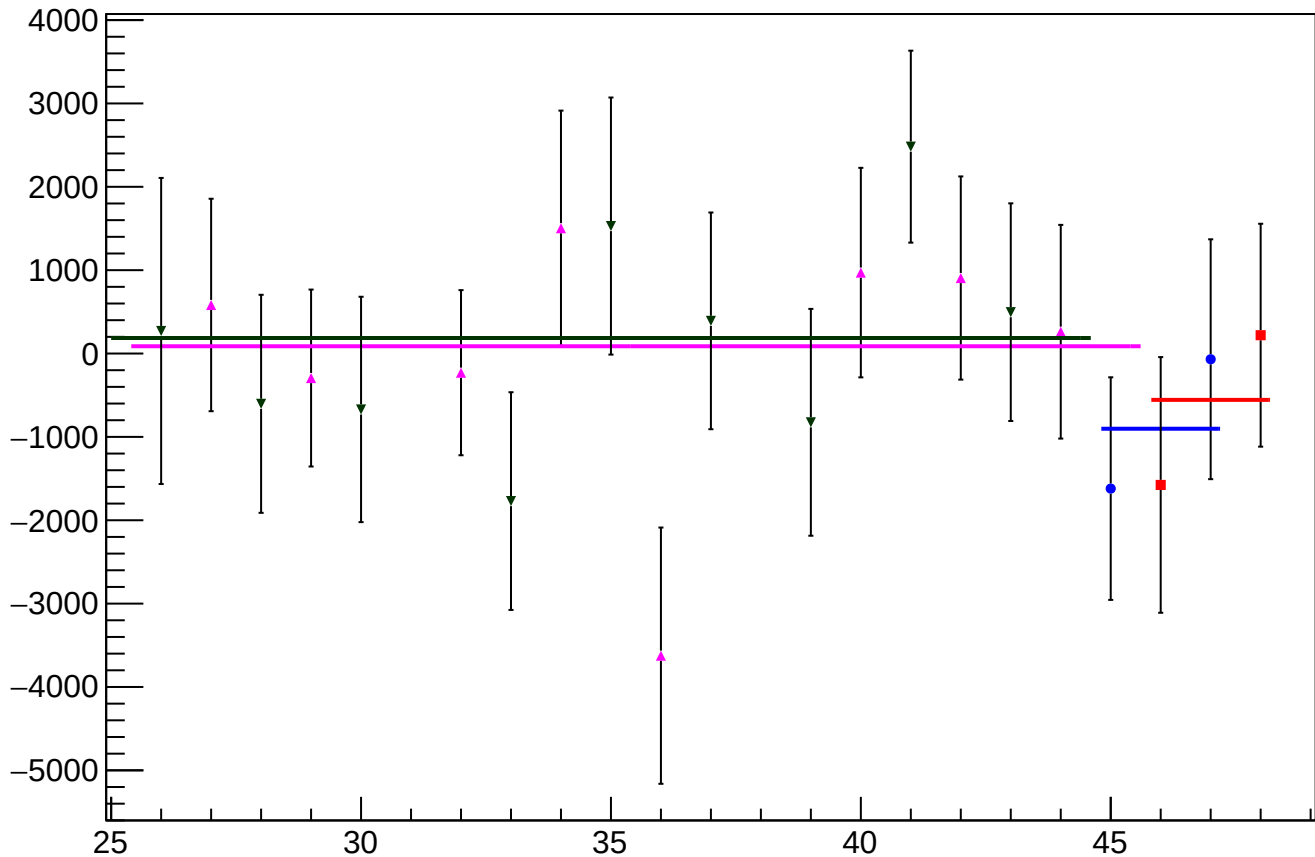
Right Out: 887.999 ± 0.678 χ^2/NDF : 8130.8/1

Left In: 913.320 ± 0.287 χ^2/NDF : 92513.4/7

937.466 ± 0.275 χ^2/NDF : 149452.2/10

909.468 ± 0.264 χ^2/NDF : 101828.4/9

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

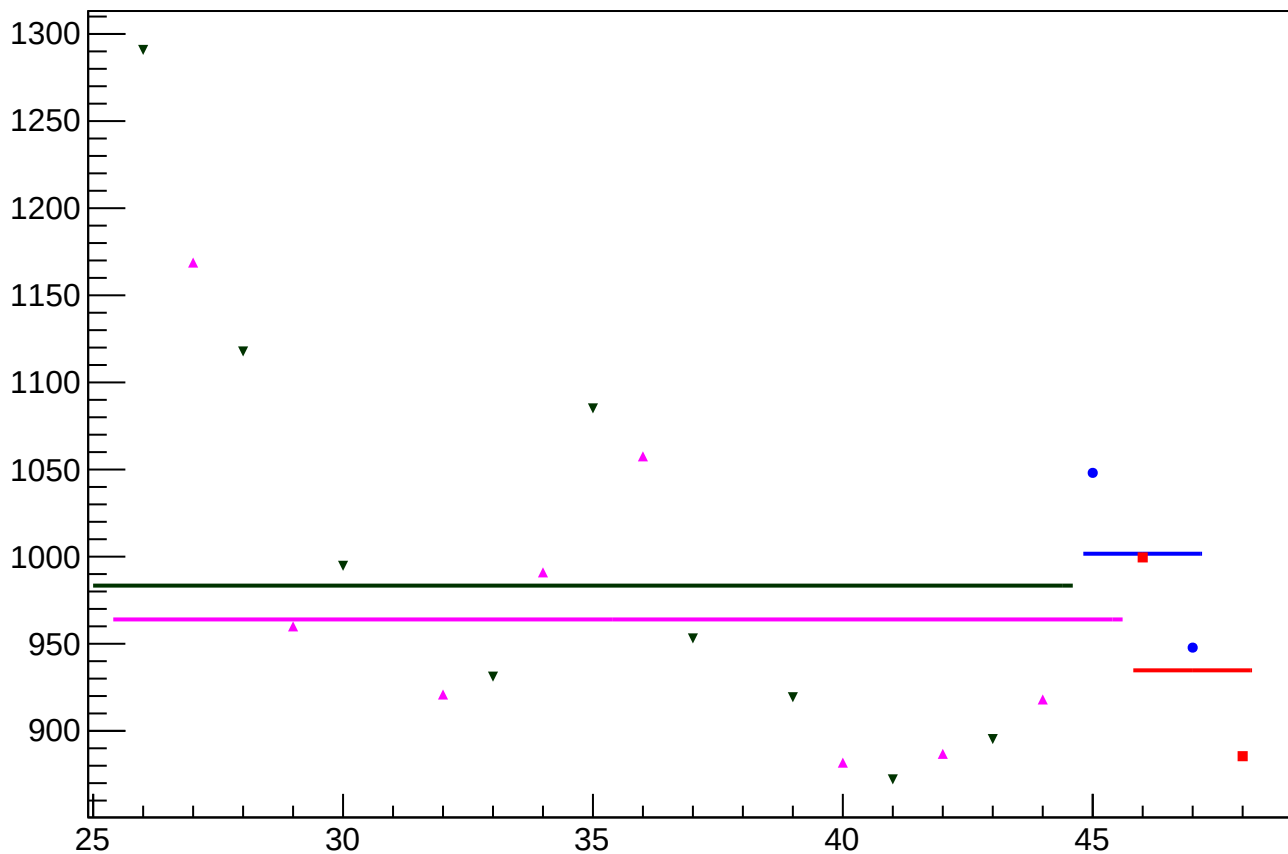
-4.570+/-409.865 χ^2/NDF : 10.0/10

Right Out: -555.912+/-1007.780 χ^2/NDF : 0.8/1

-12.458+/-396.887 χ^2/NDF : 9.3/9

Left In: 87.303+/-431.781 χ^2/NDF : 8.2/7

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

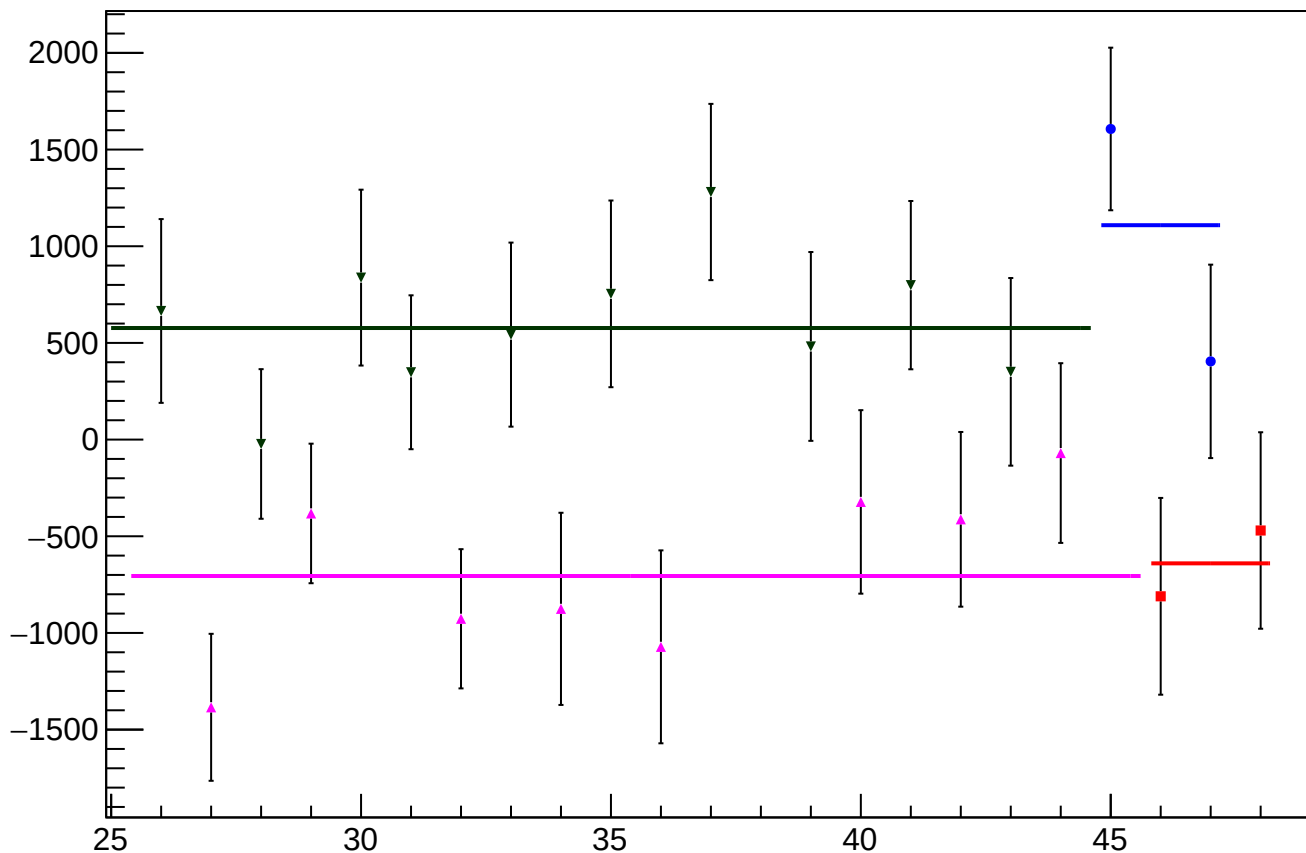
Right Out: 934.746+/-0.713 χ^2/NDF : 6291.0/1

Left In: 963.960+/-0.305 χ^2/NDF : 82775.1/7

986.588+/-0.290 χ^2/NDF : 128342.2/10

959.429+/-0.281 χ^2/NDF : 90486.2/9

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

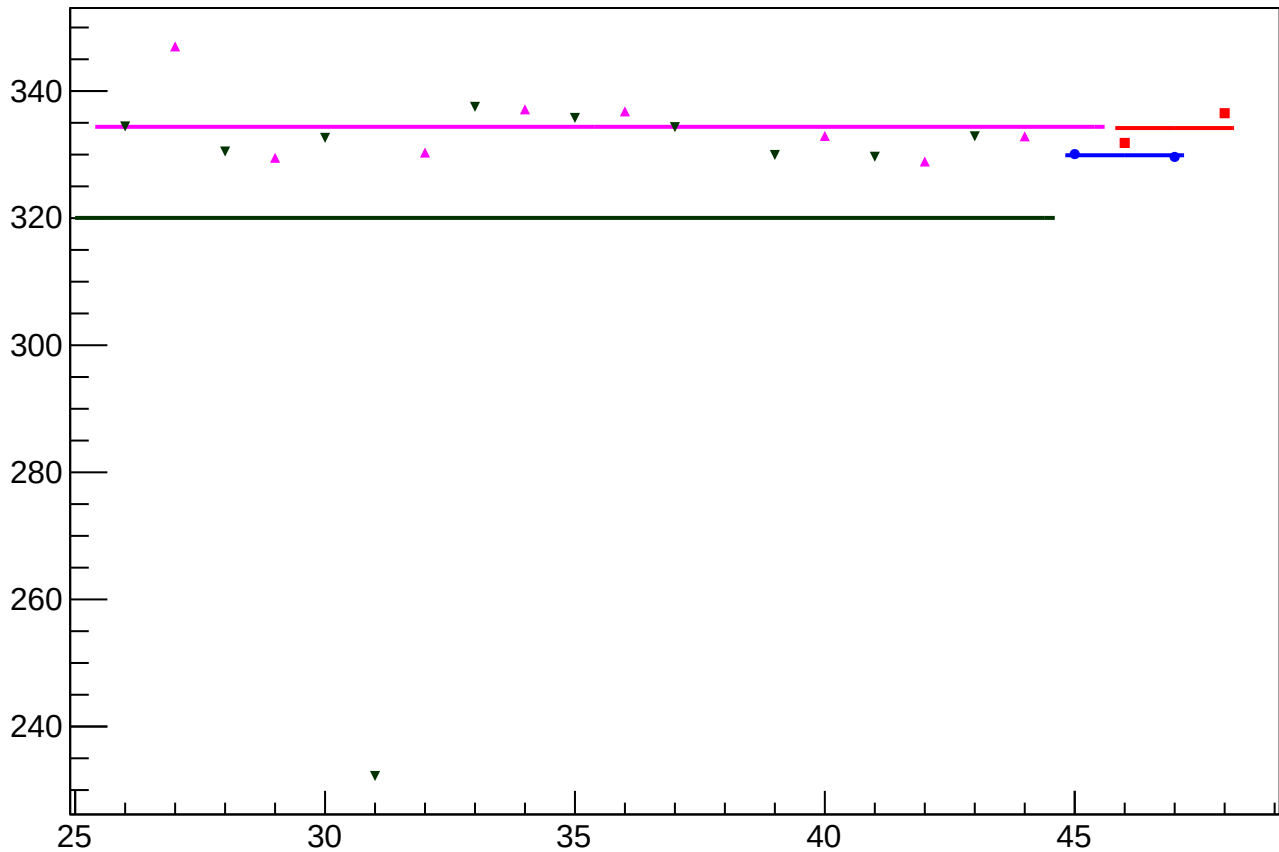
Right Out: -640.115 $\pm$ 359.545 χ^2/NDF : 0.2/1

Left In: -705.542 $\pm$ 150.152 χ^2/NDF : 8.0/7

663.849 $\pm$ 130.026 χ^2/NDF : 11.8/11

-695.826 $\pm$ 138.555 χ^2/NDF : 8.2/9

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

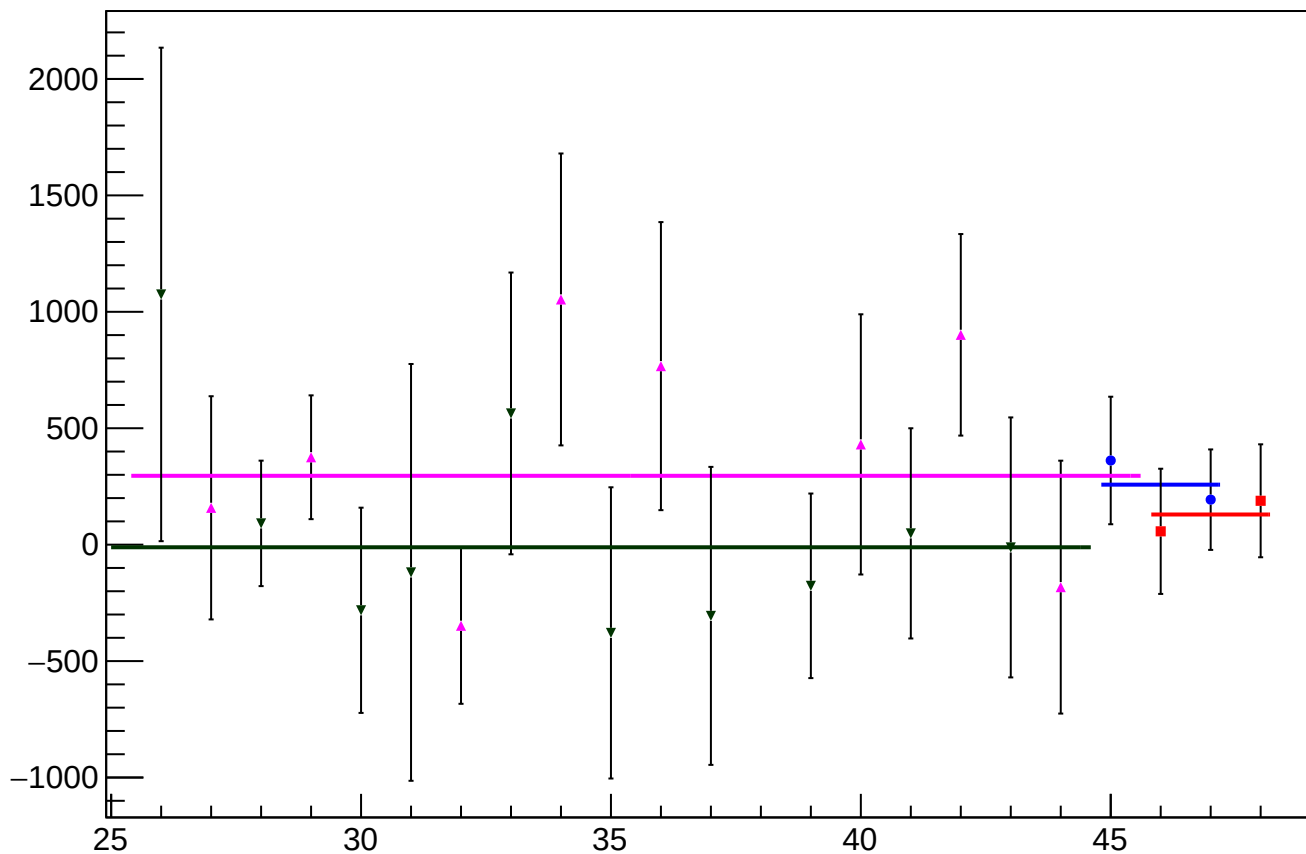
Right Out: 334.177 ± 0.254 χ^2/NDF : 84.6/1

Left In: 334.371 ± 0.106 χ^2/NDF : 3274.0/7

321.647 ± 0.092 χ^2/NDF : 113779.5/11

334.342 ± 0.098 χ^2/NDF : 3359.1/9

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

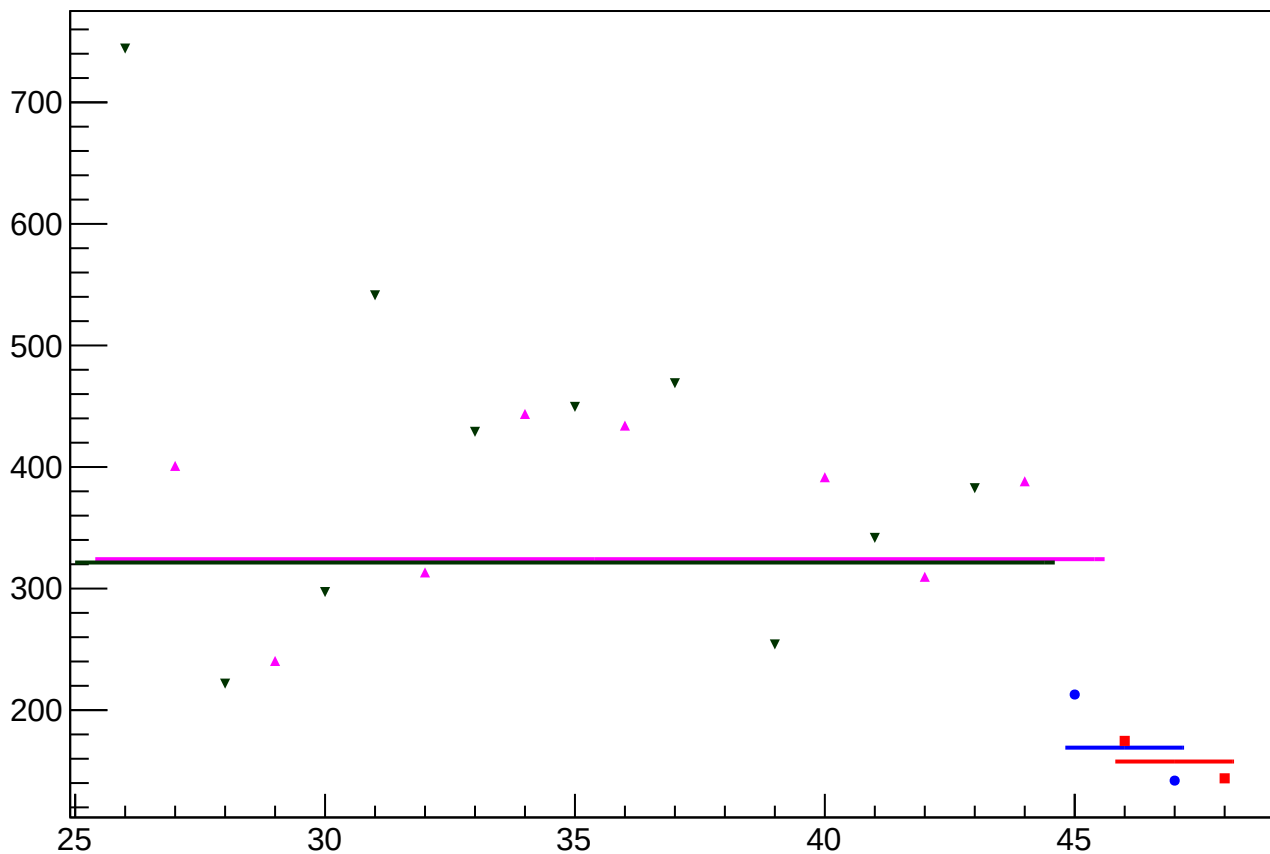
Right Out: 129.573+/-180.086 χ^2/NDF : 0.1/1

Left In: 295.759+/-149.916 χ^2/NDF : 8.7/7

108.703+/-113.150 χ^2/NDF : 4.9/11

227.733+/-115.218 χ^2/NDF : 9.3/9

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

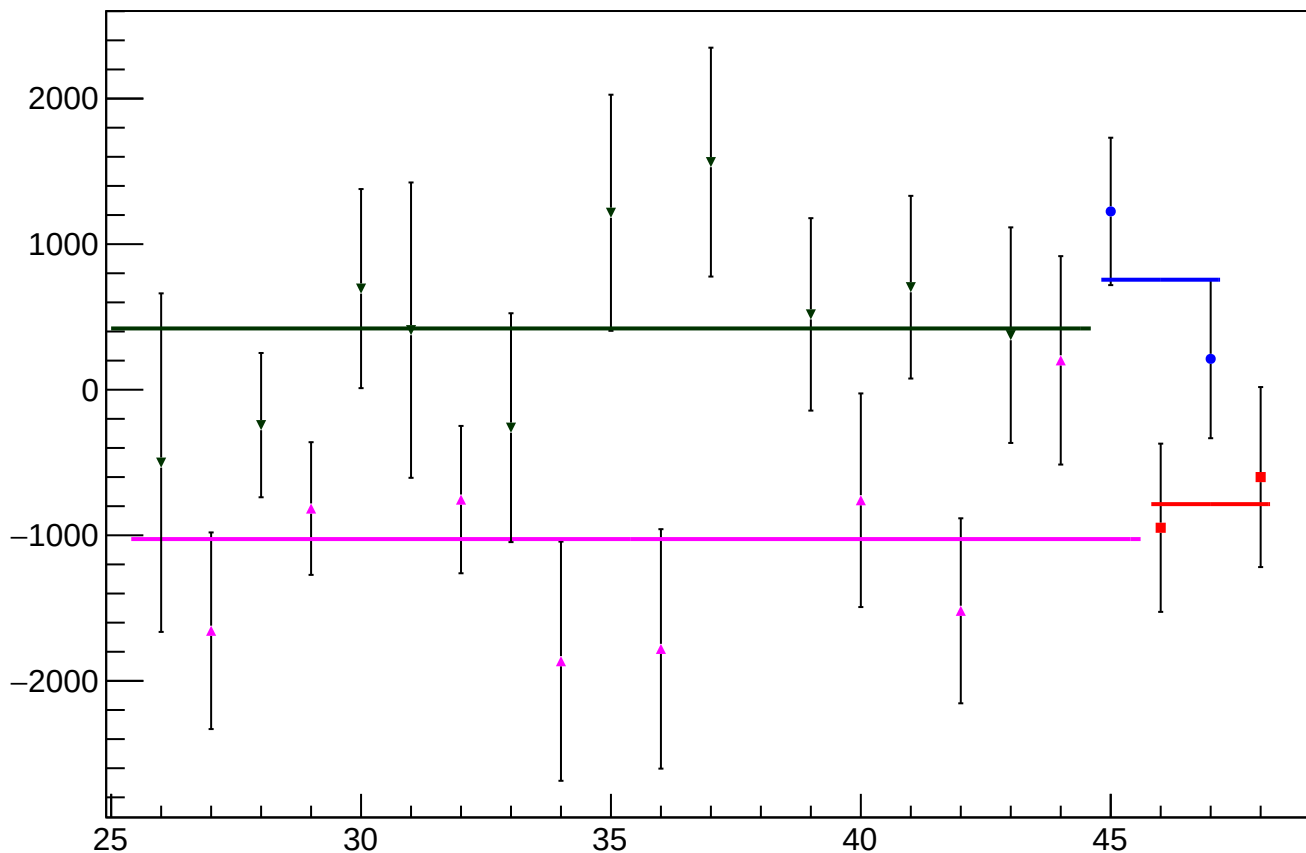
Right Out: 157.711+/-0.127 χ^2/NDF : 14467.1/1

Left In: 324.185+/-0.106 χ^2/NDF : 446845.3/7

253.531+/-0.080 χ^2/NDF : 2035698.0/11

256.041+/-0.081 χ^2/NDF : 1470808.9/9

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

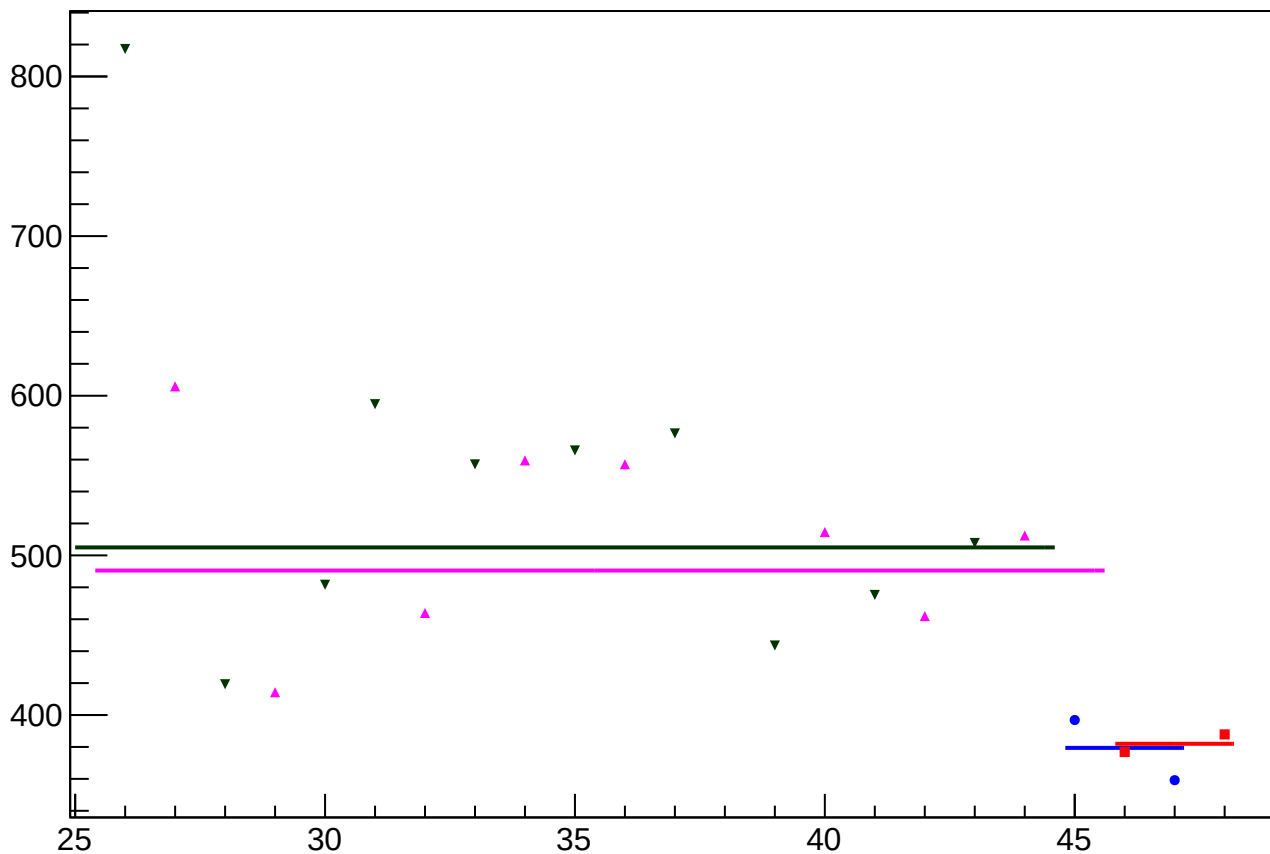
Right Out: -785.871+/-422.170 χ^2/NDF : 0.2/1

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

512.373+/-193.896 χ^2/NDF : 9.1/11

-973.622+/-197.004 χ^2/NDF : 7.3/9

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

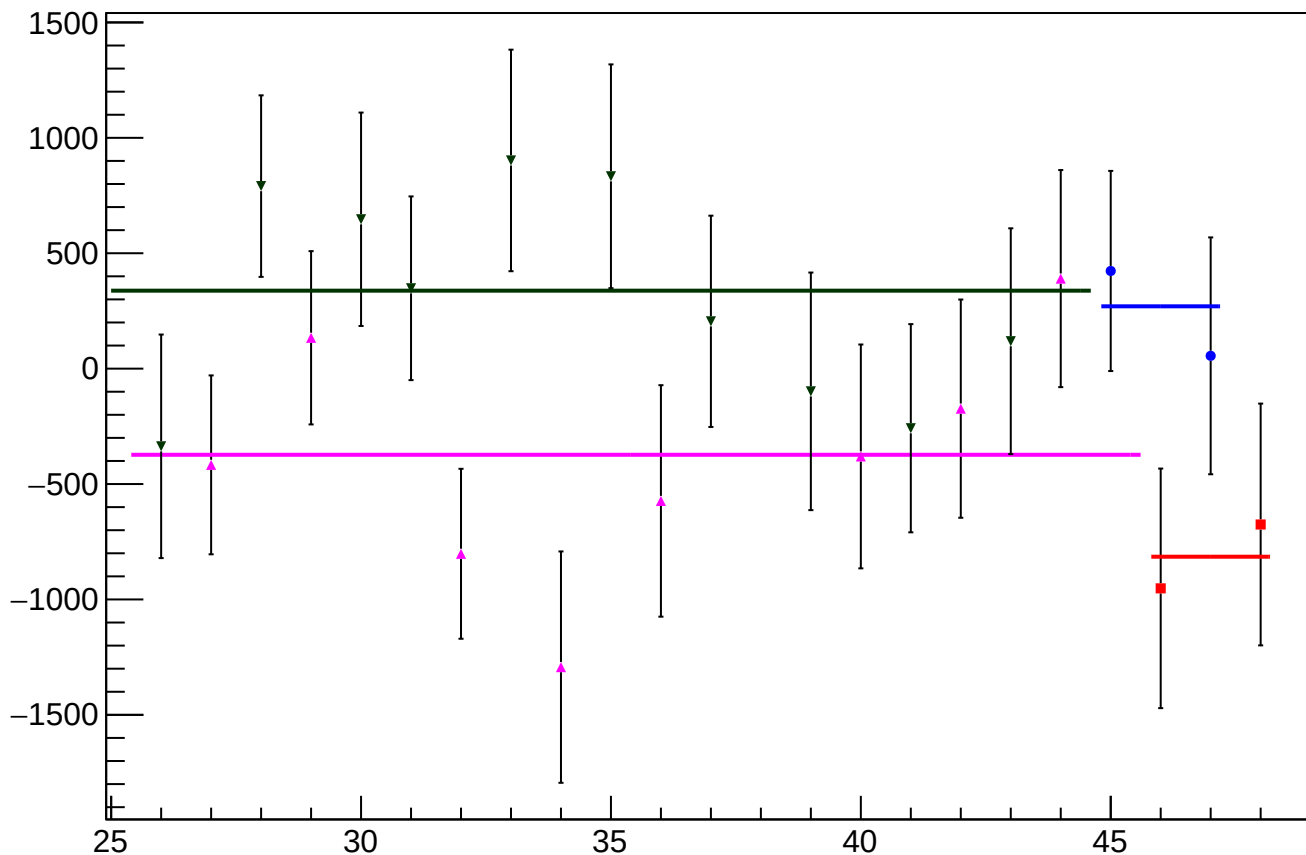
Right Out: 381.979+/-0.299 χ^2/NDF : 339.1/1

Left In: 490.502+/-0.158 χ^2/NDF : 155145.4/7

470.681+/-0.137 χ^2/NDF : 452008.8/11

466.871+/-0.139 χ^2/NDF : 258865.0/9

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

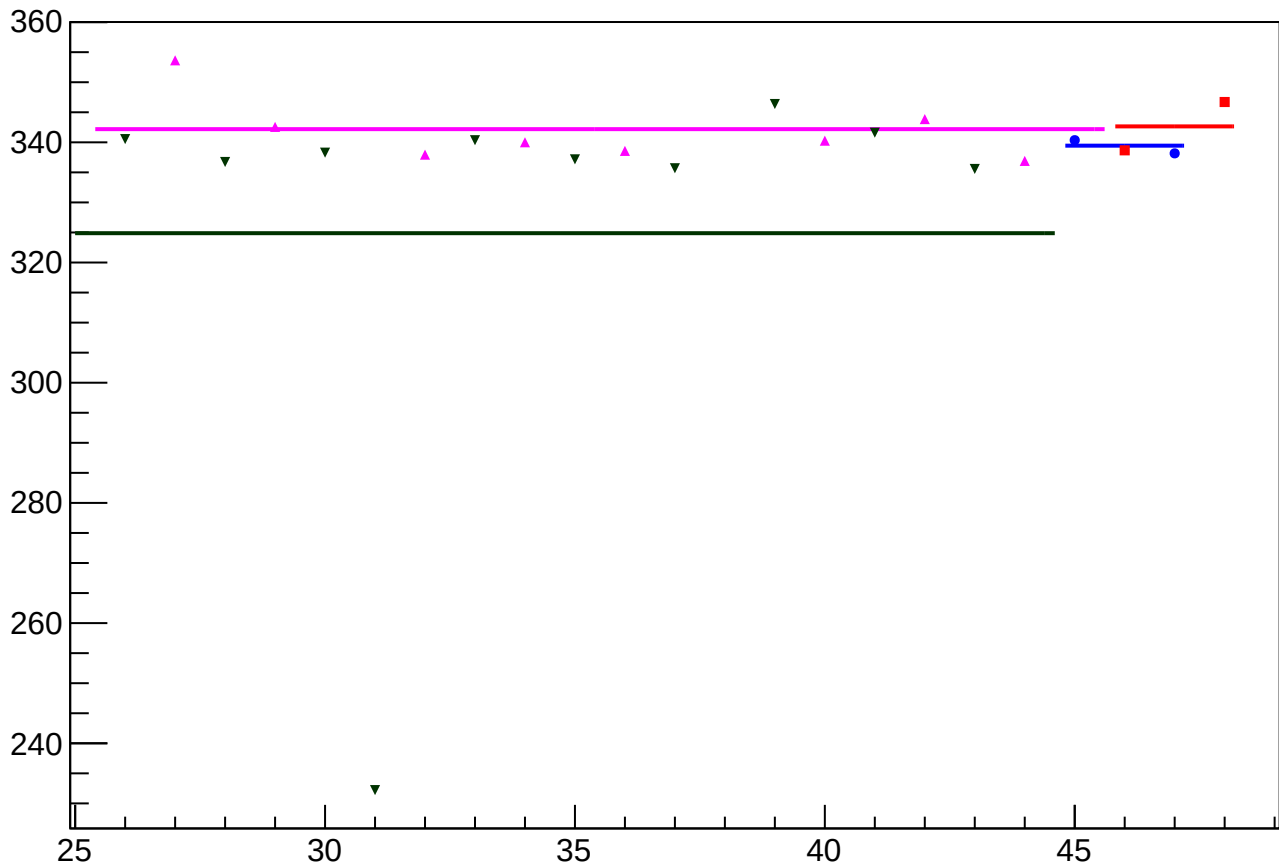
Right Out: -814.865+/-368.660 χ^2/NDF : 0.1/1

Left In: -373.235+/-153.688 χ^2/NDF : 9.5/7

326.996+/-132.359 χ^2/NDF : 9.2/11

-438.622+/-141.855 χ^2/NDF : 10.9/9

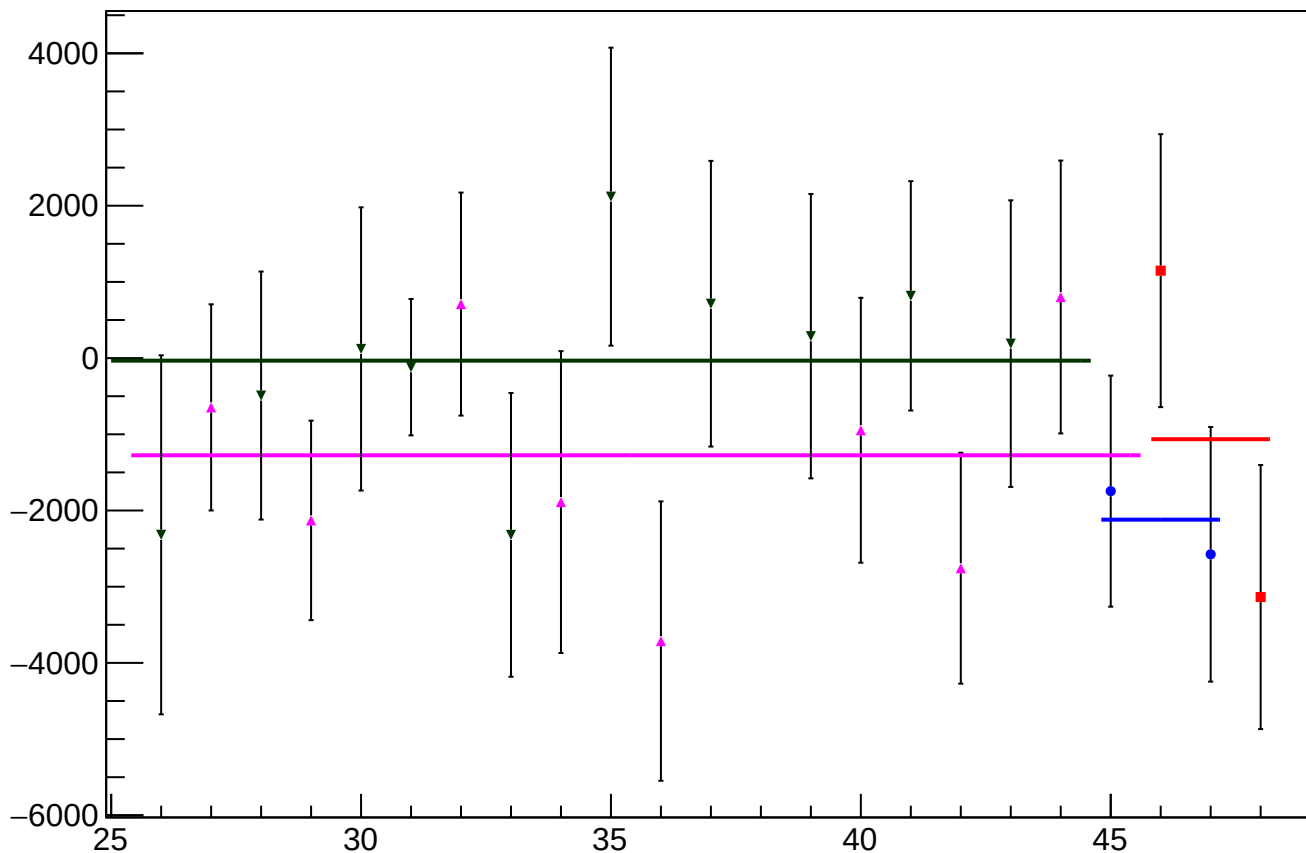
reg_asym_at1_dd_rms vs slug



Right In: 339.445 ± 0.234 χ^2/NDF : 21.4/1
 Left Out: 324.881 ± 0.102 χ^2/NDF : 125698.7/9
 Right Out: 342.651 ± 0.261 χ^2/NDF : 237.9/1
 Left In: 342.194 ± 0.109 χ^2/NDF : 2464.7/7

327.207 ± 0.094 χ^2/NDF : 128969.9/11
 342.261 ± 0.100 χ^2/NDF : 2705.3/9

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

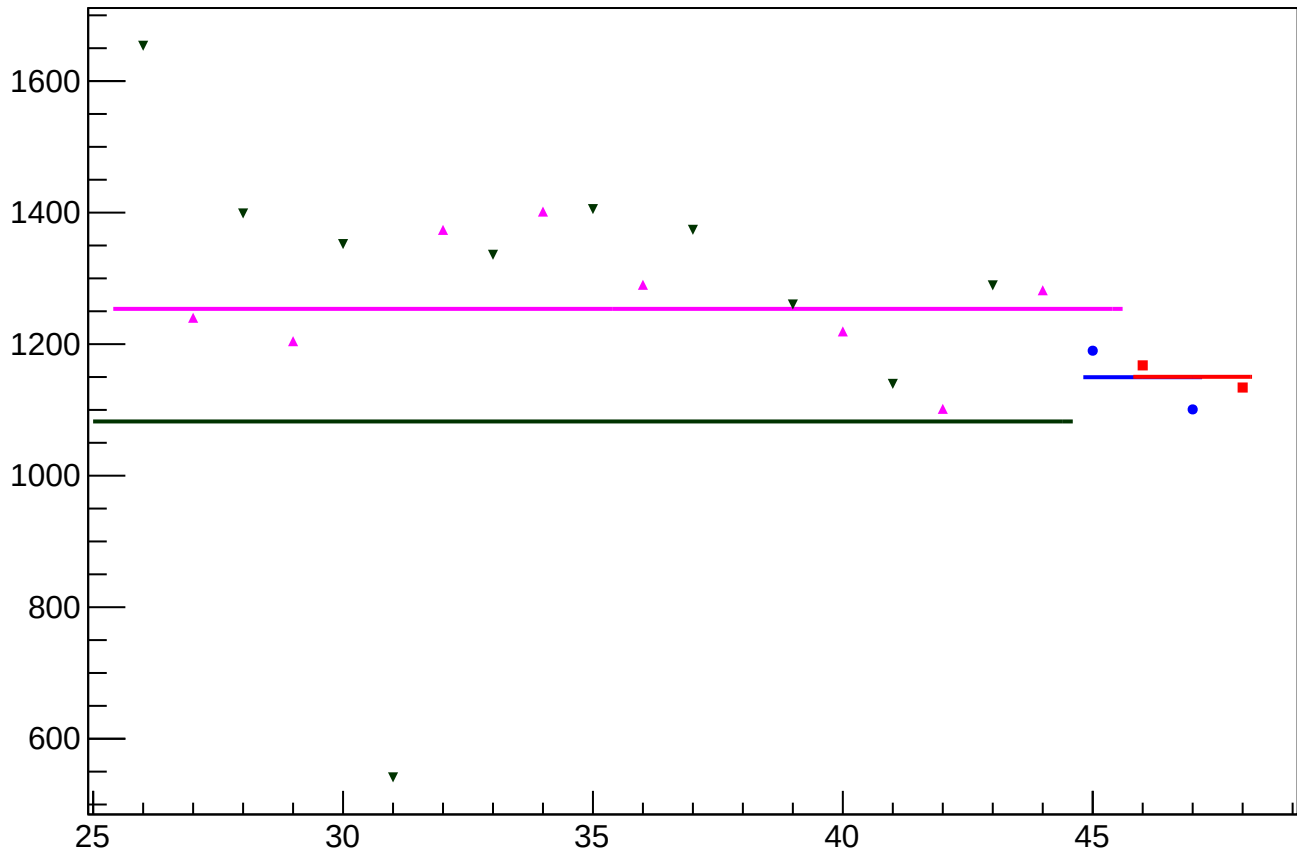
Right Out: -1064.369+/-1245.418 χ^2/NDF : 3.0/1

Left In: -1275.228+/-556.624 χ^2/NDF : 6.7/7

-382.971+/-459.579 χ^2/NDF : 7.3/11

-1240.121+/-508.178 χ^2/NDF : 9.7/9

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

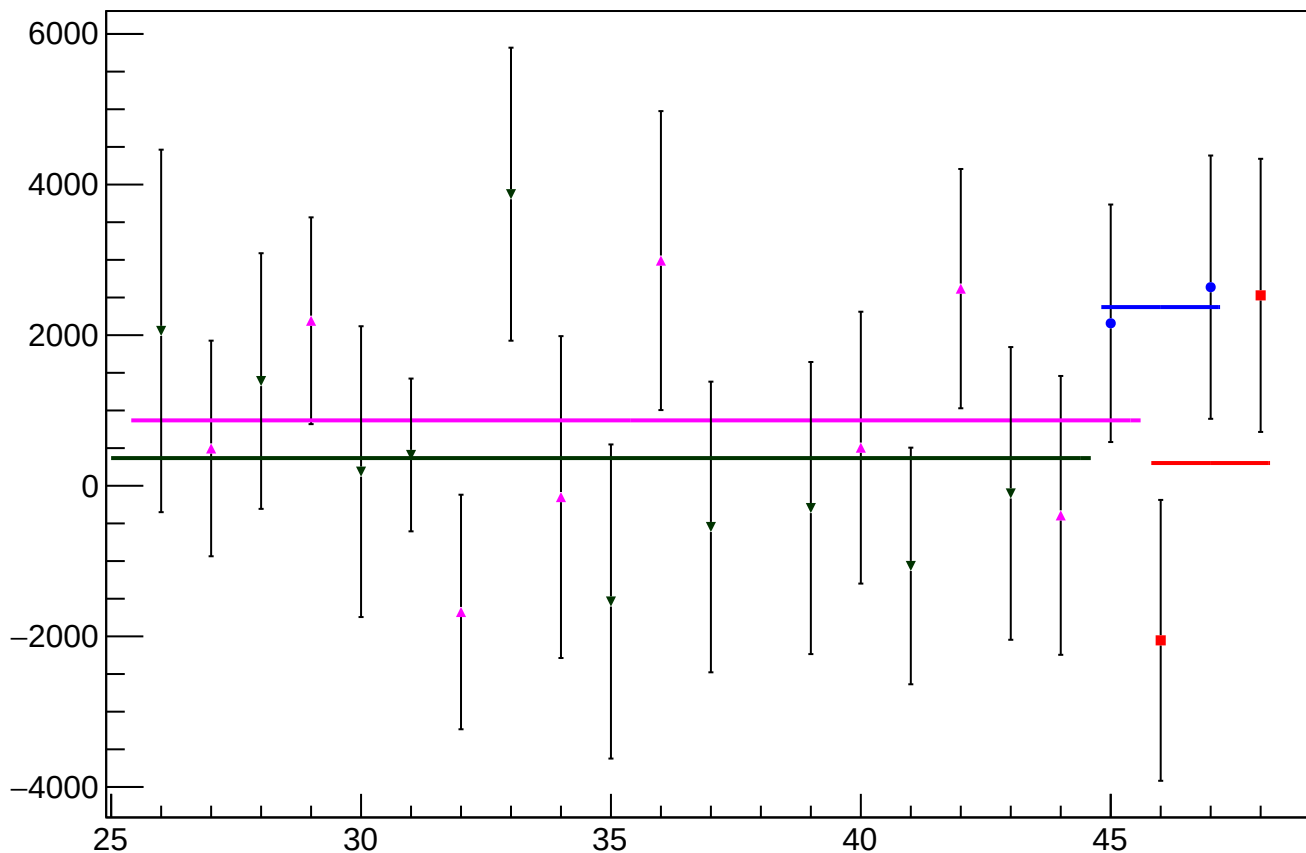
Right Out: 1150.325+/-0.881 χ^2/NDF : 365.5/1

Left In: 1253.630+/-0.394 χ^2/NDF :49852.6/7

1093.718+/-0.325 χ^2/NDF : 1160777.0/11

1236.430+/-0.359 χ^2/NDF : 61687.8/9

asym_at1_dd_mean vs slug



Right In: 2372.968 $\pm$ 1171.016 χ^2/NDF : 0.0/1

Left Out: 367.665 $\pm$ 537.785 χ^2/NDF : 6.2/9

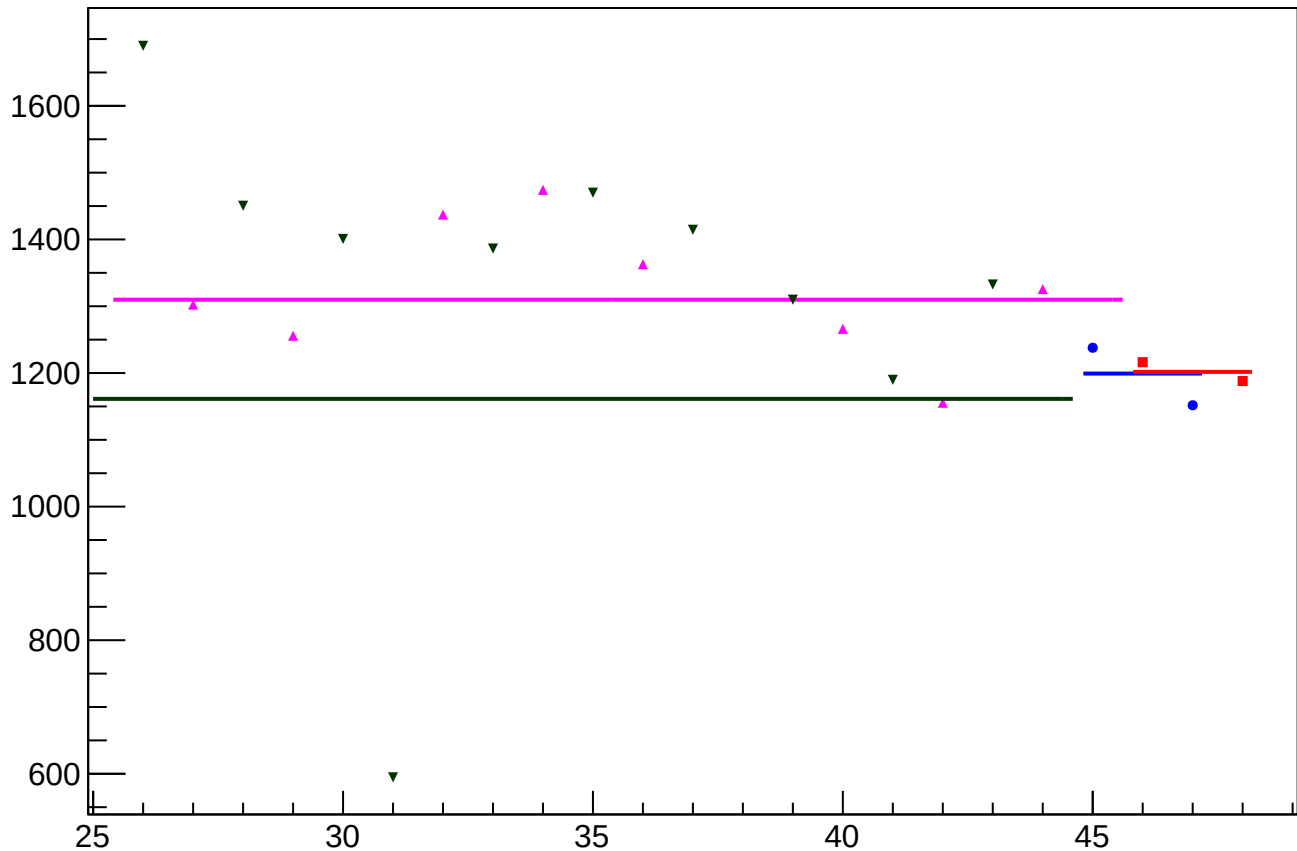
Right Out: 301.916 $\pm$ 1300.187 χ^2/NDF : 3.1/1

Left In: 868.425 $\pm$ 587.420 χ^2/NDF : 6.8/7

716.934 $\pm$ 488.712 χ^2/NDF : 8.6/11

772.391 $\pm$ 535.320 χ^2/NDF : 10.0/9

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

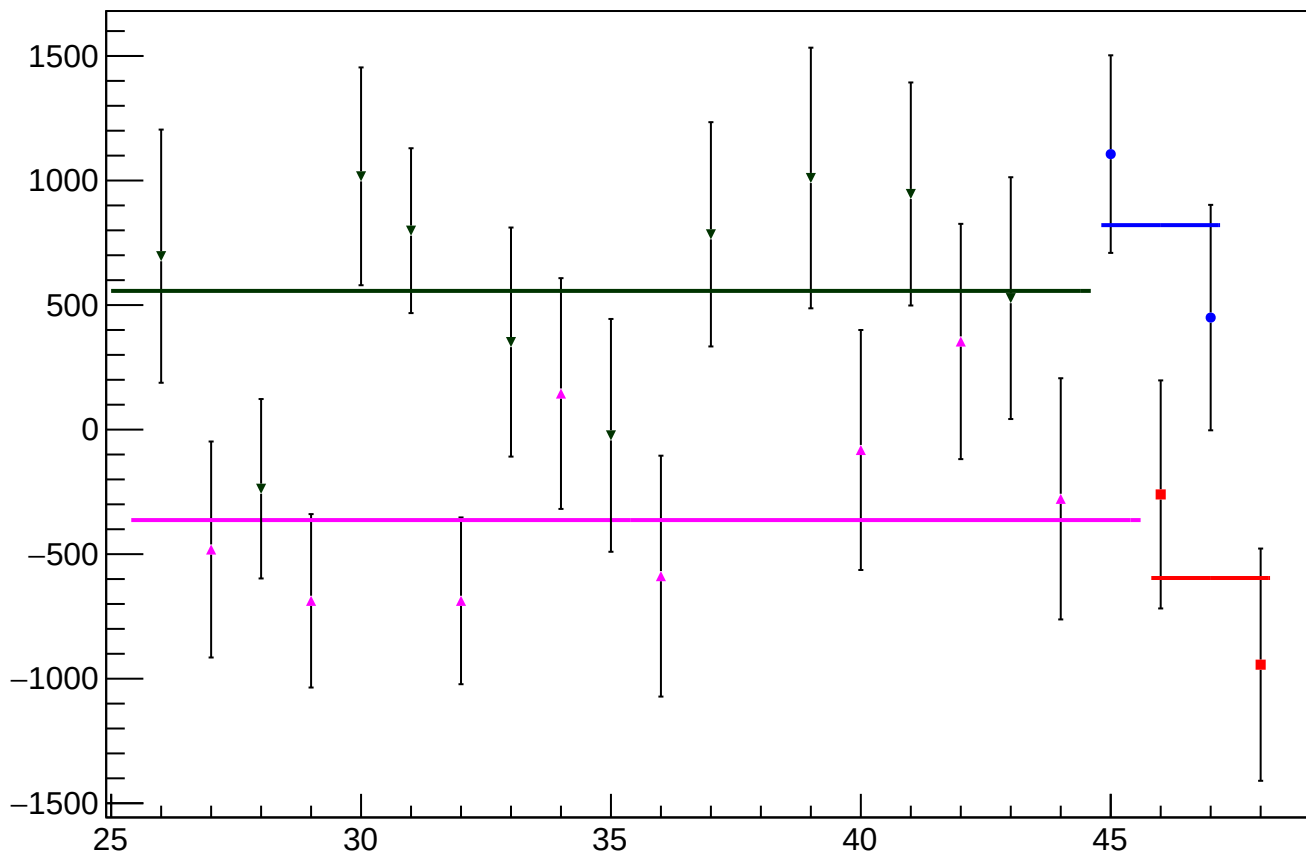
Right Out: 1201.738+/-0.919 χ^2/NDF : 234.1/1

Left In: 1309.822+/-0.415 χ^2/NDF : 49968.8/7

1167.923+/-0.346 χ^2/NDF : 946523.1/11

1291.500+/-0.379 χ^2/NDF : 61681.0/9

reg_asym_at2_avg_mean vs slug



Right In: 820.926 ± 298.293 χ^2/NDF : 1.2/1

Left Out: 556.863 ± 137.272 χ^2/NDF : 10.1/9

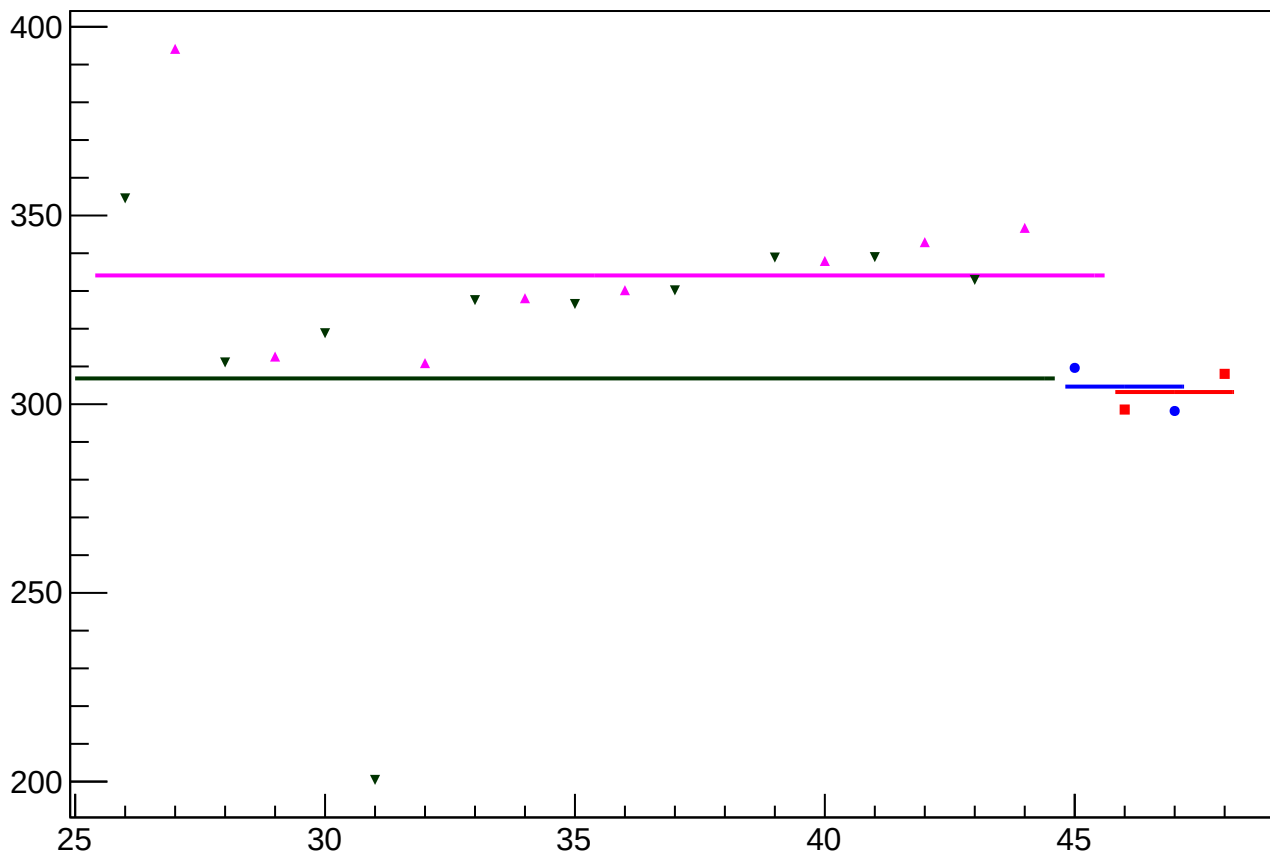
Right Out: -595.765 ± 326.631 χ^2/NDF : 1.1/1

Left In: -363.206 ± 149.925 χ^2/NDF : 6.0/7

603.012 ± 124.701 χ^2/NDF : 11.9/11

-403.676 ± 136.257 χ^2/NDF : 7.5/9

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

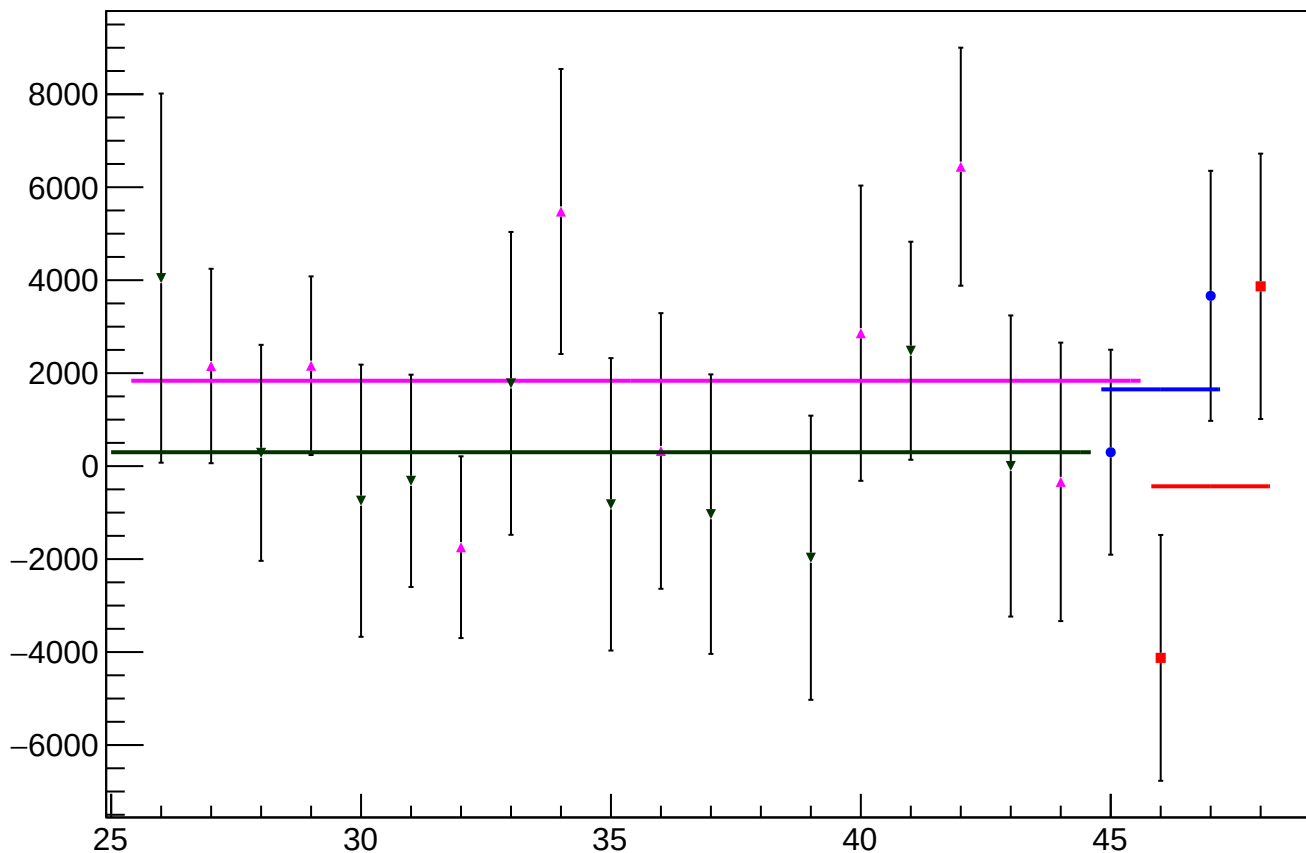
Right Out: 303.225+/-0.231 χ^2/NDF : 418.6/1

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

306.452+/-0.088 χ^2/NDF : 263486.5/11

328.744+/-0.096 χ^2/NDF : 73459.4/9

asym_at2_avg_correction_mean vs slug



Right In: 1651.044 ± 1704.999 $\chi^2/\text{NDF}: 0.9/1$

Left Out: 298.949 ± 895.409 $\chi^2/\text{NDF}: 3.0/9$

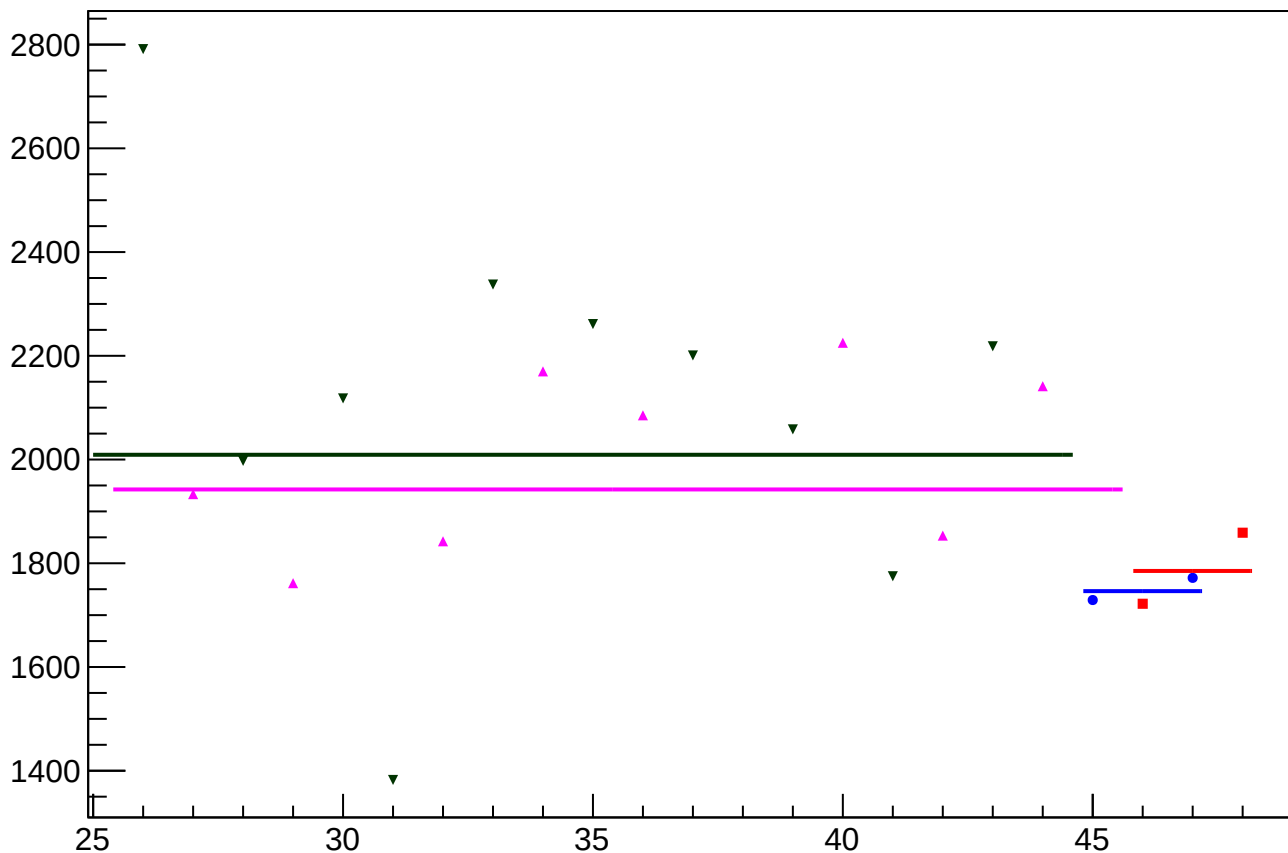
Right Out: -434.109 ± 1939.875 $\chi^2/\text{NDF}: 4.2/1$

Left In: 1836.605 ± 862.395 $\chi^2/\text{NDF}: 8.9/7$

591.243 ± 792.739 $\chi^2/\text{NDF}: 4.5/11$

1461.888 ± 788.032 $\chi^2/\text{NDF}: 14.3/9$

asym_at2_avg_correction_rms vs slug



Right In: 1746.292+/-1.206 χ^2/NDF : 301.8/1

Left Out: 2009.181+/-0.633 χ^2/NDF : 301244.6/9

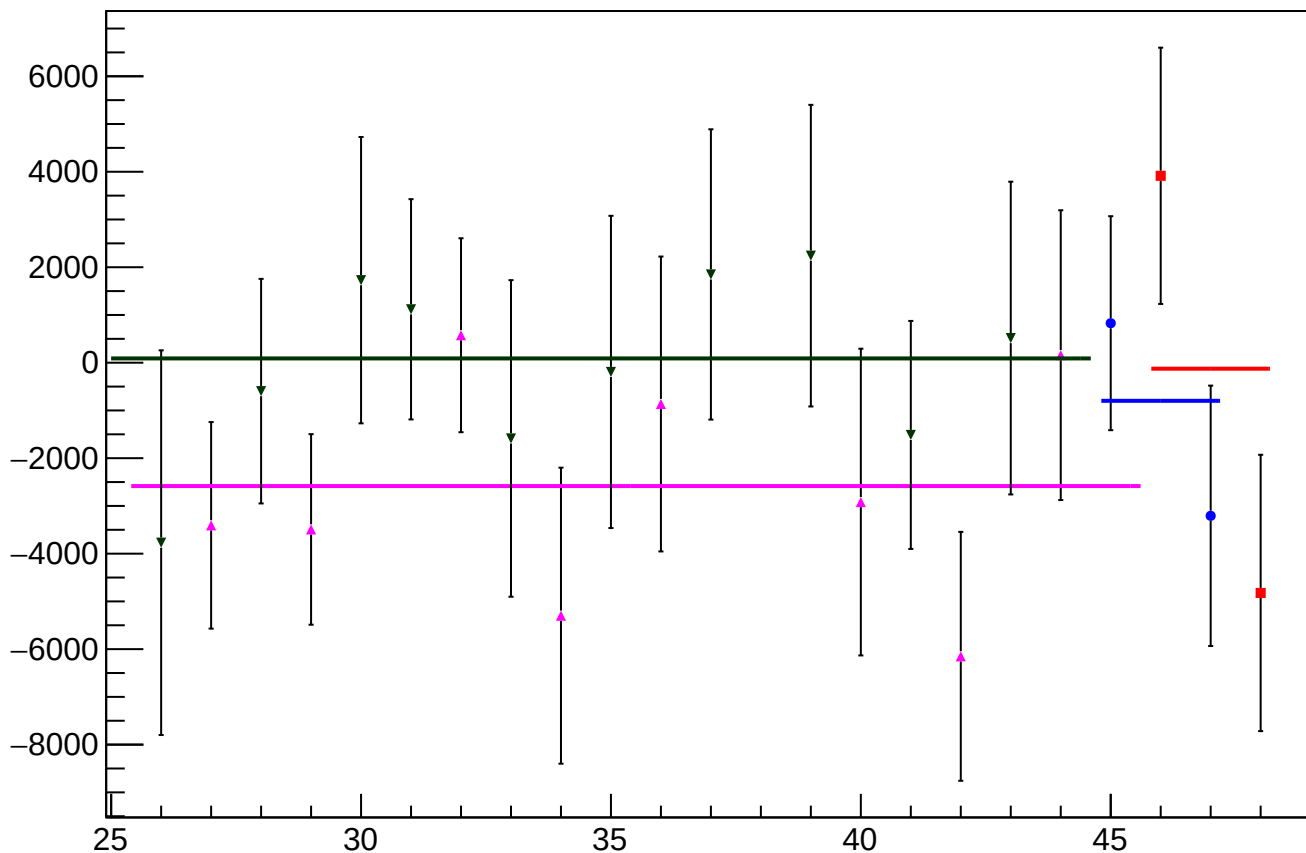
Right Out: 1785.199+/-1.372 χ^2/NDF : 2478.6/1

Left In: 1942.327+/-0.610 χ^2/NDF : 65743.5/7

1952.350+/-0.561 χ^2/NDF : 338815.3/11

1916.397+/-0.557 χ^2/NDF : 79178.4/9

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

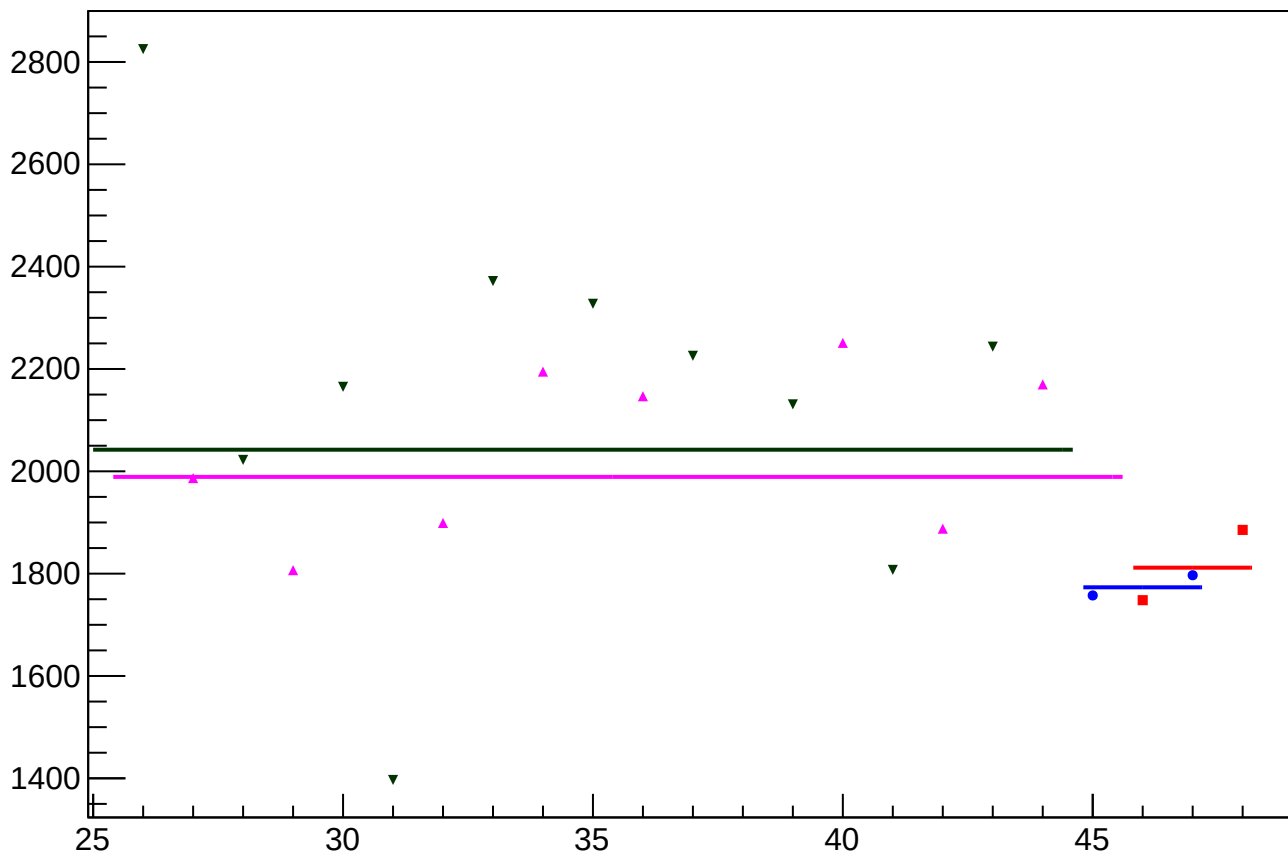
Right Out: -125.522+/-1968.062 χ^2/NDF : 4.9/1

Left In: -2584.001+/-887.895 χ^2/NDF : 6.5/7

-103.220+/-806.762 χ^2/NDF : 4.5/11

-2168.232+/-809.342 χ^2/NDF : 12.7/9

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

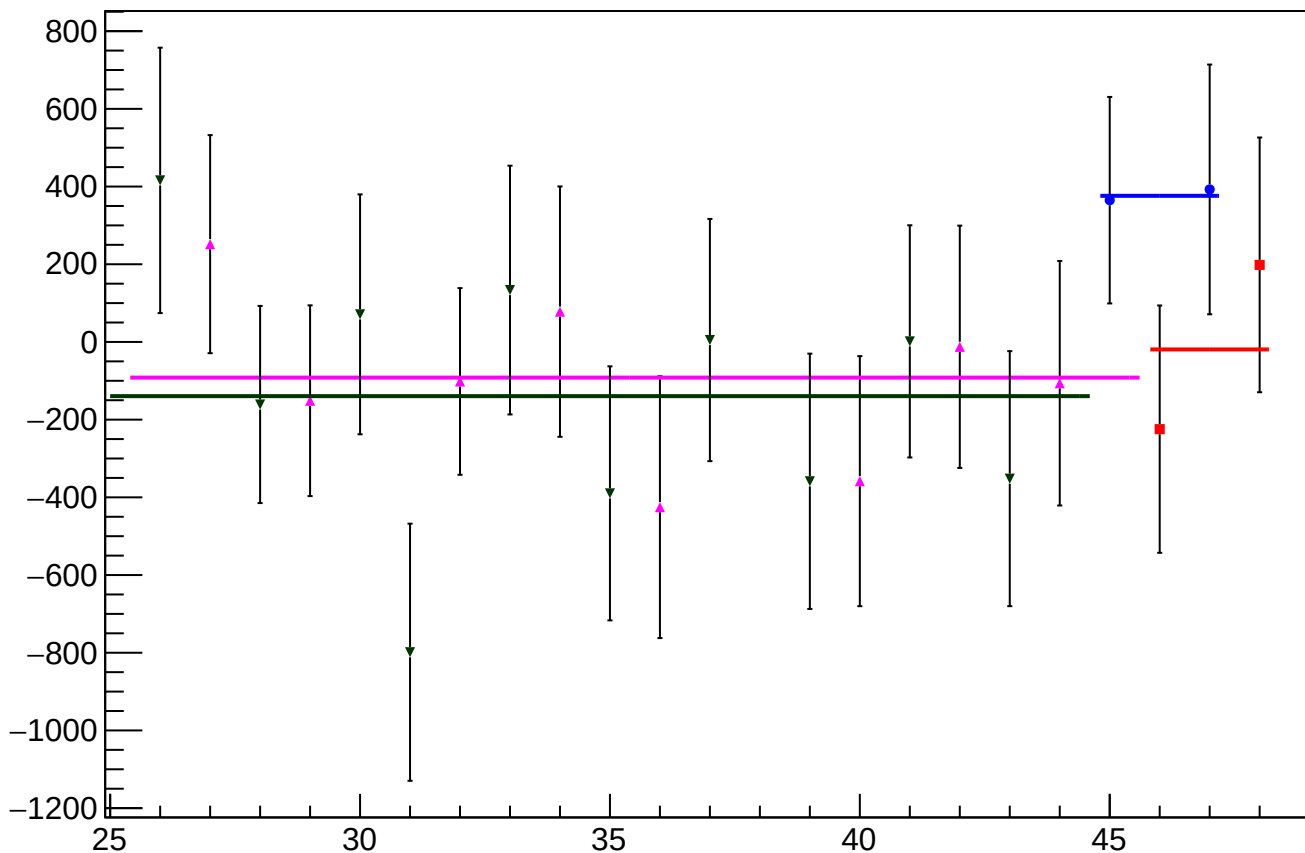
Right Out: 1811.670+/-1.392 χ^2/NDF : 2421.6/1

Left In: 1989.107+/-0.628 χ^2/NDF : 58031.4/7

1983.853+/-0.570 χ^2/NDF : 344314.6/11

1959.099+/-0.572 χ^2/NDF : 73960.6/9

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

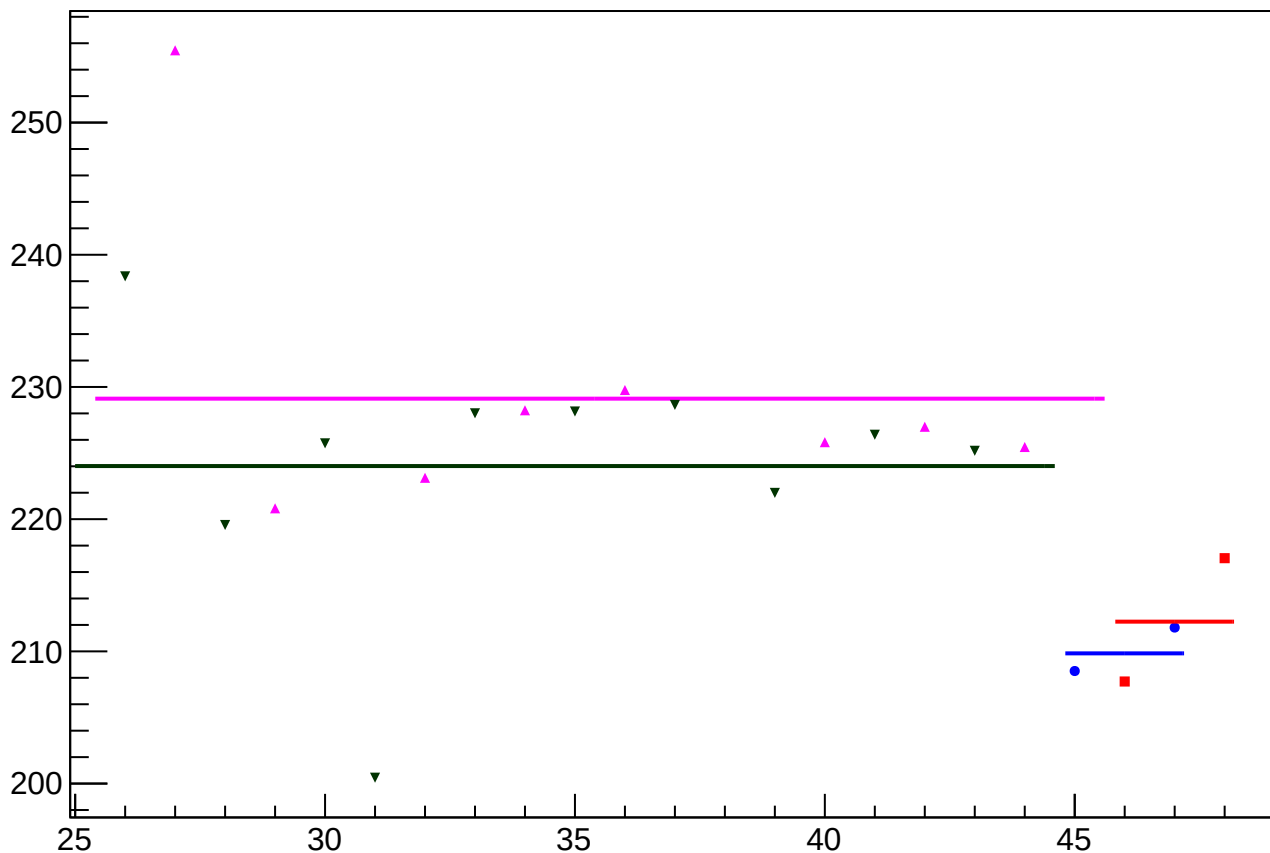
Right Out: -19.265+/-228.384 χ^2/NDF : 0.9/1

Left In: -91.824+/-102.556 χ^2/NDF : 3.6/7

-42.472+/-88.840 χ^2/NDF : 14.8/11

-79.648+/-93.556 χ^2/NDF : 4.5/9

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

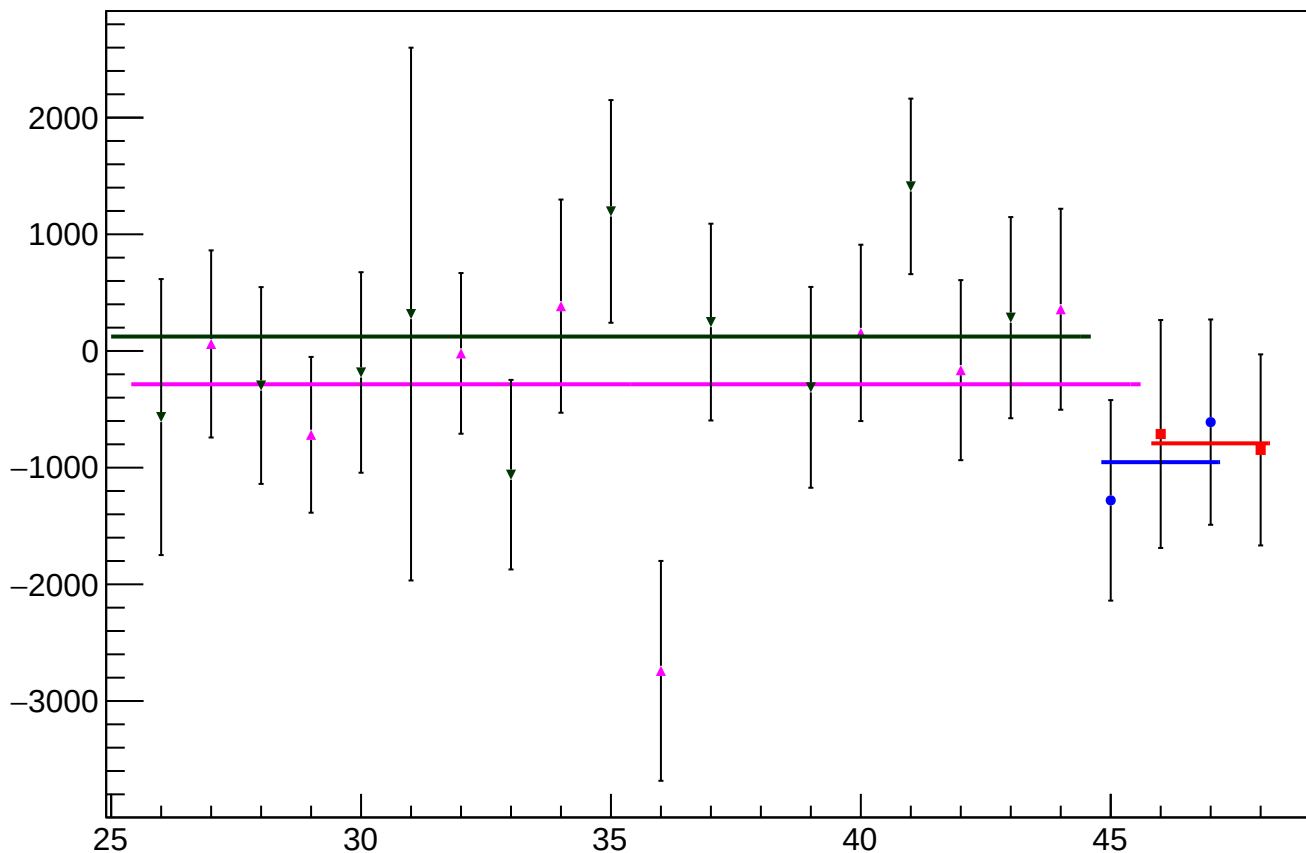
Right Out: 212.248 $\pm$ 0.161 χ^2 /NDF: 833.5/1

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF:21746.8/7

221.352 $\pm$ 0.063 χ^2 /NDF: 23548.8/11

226.285 $\pm$ 0.066 χ^2 /NDF: 31659.6/9

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

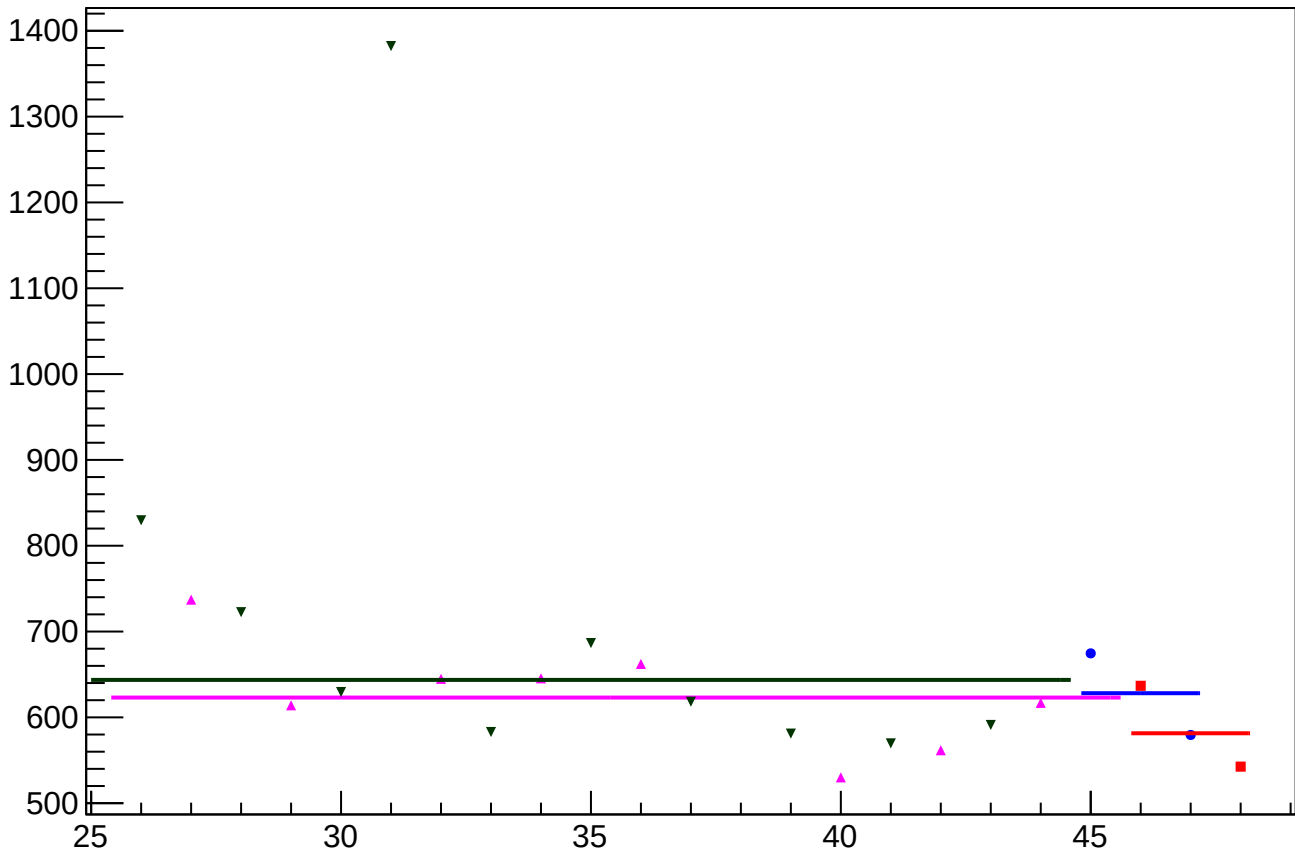
Right Out: -791.617+/-627.536 χ^2/NDF : 0.0/1

Left In: -285.318+/-277.235 χ^2/NDF : 9.0/7

-68.808+/-259.973 χ^2/NDF : 10.2/11

-367.997+/-253.590 χ^2/NDF : 9.6/9

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

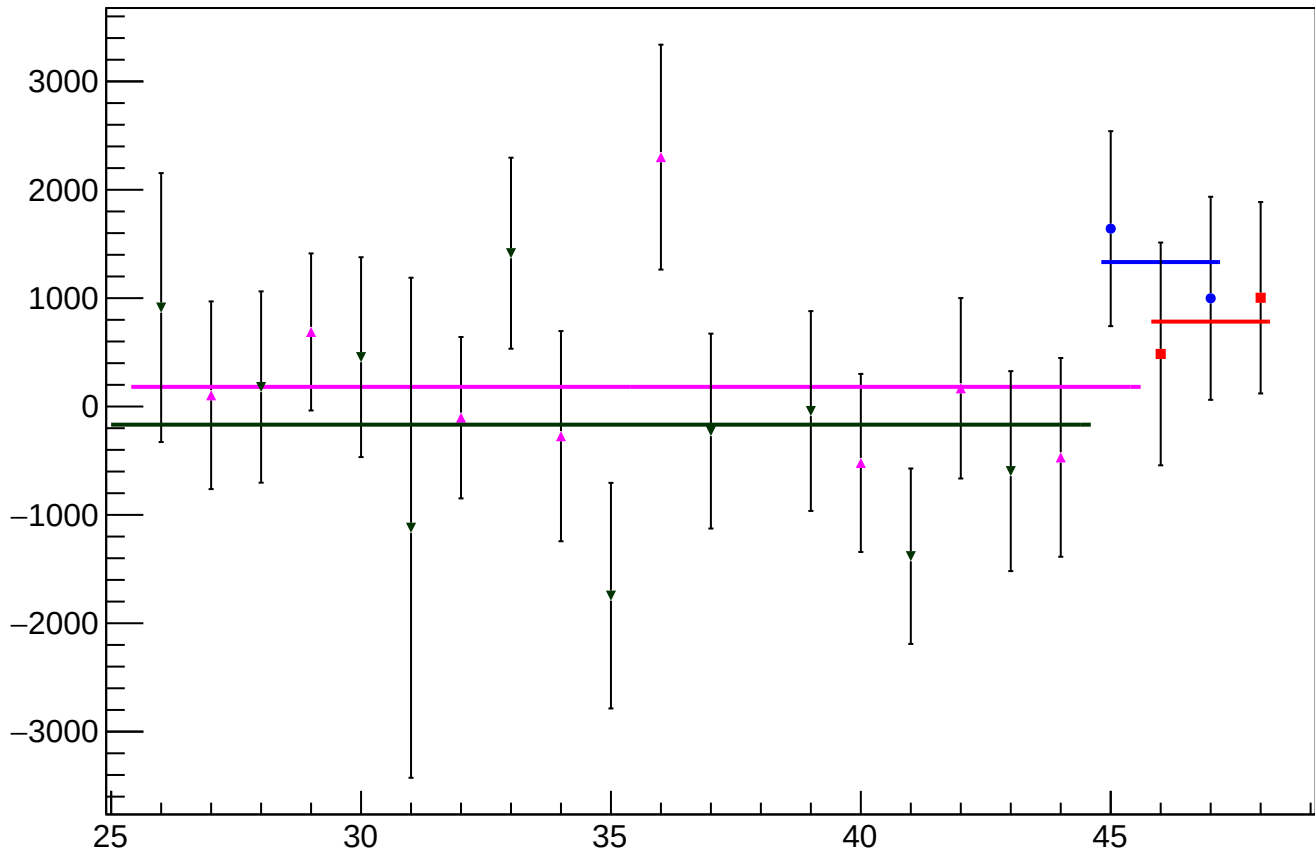
Right Out: 581.461+/-0.444 χ^2/NDF : 10922.6/1

Left In: 623.079+/-0.196 χ^2/NDF : 90546.5/7

640.873+/-0.184 χ^2/NDF : 344119.4/11

616.282+/-0.179 χ^2/NDF : 108829.2/9

asym_at2_dd_mean vs slug



Right In: 1332.938 ± 648.938 χ^2/NDF : 0.2/1

Left Out: -167.454 ± 306.843 χ^2/NDF : 9.5/9

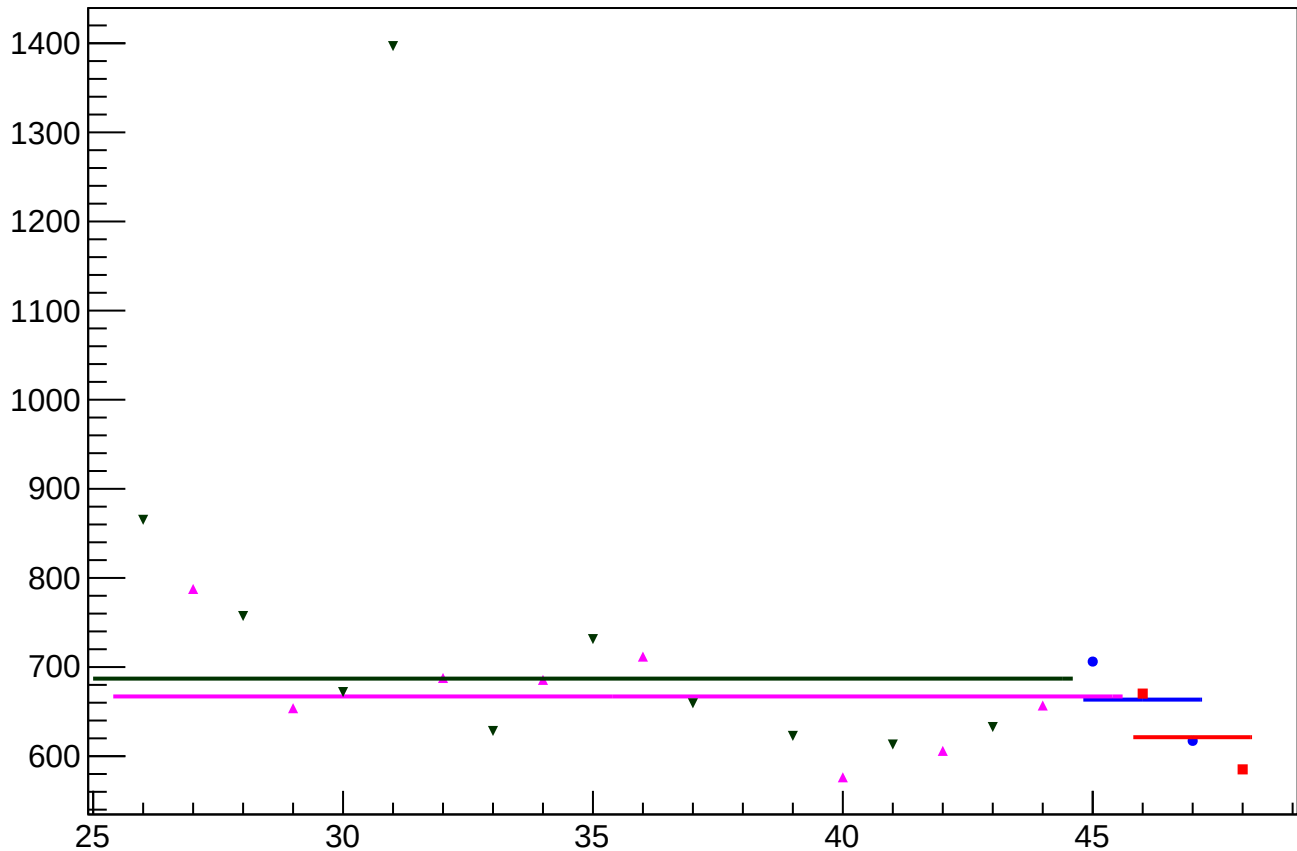
Right Out: 783.474 ± 669.807 χ^2/NDF : 0.1/1

Left In: 181.369 ± 299.524 χ^2/NDF : 6.3/7

106.703 ± 277.396 χ^2/NDF : 14.2/11

281.707 ± 273.430 χ^2/NDF : 7.1/9

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

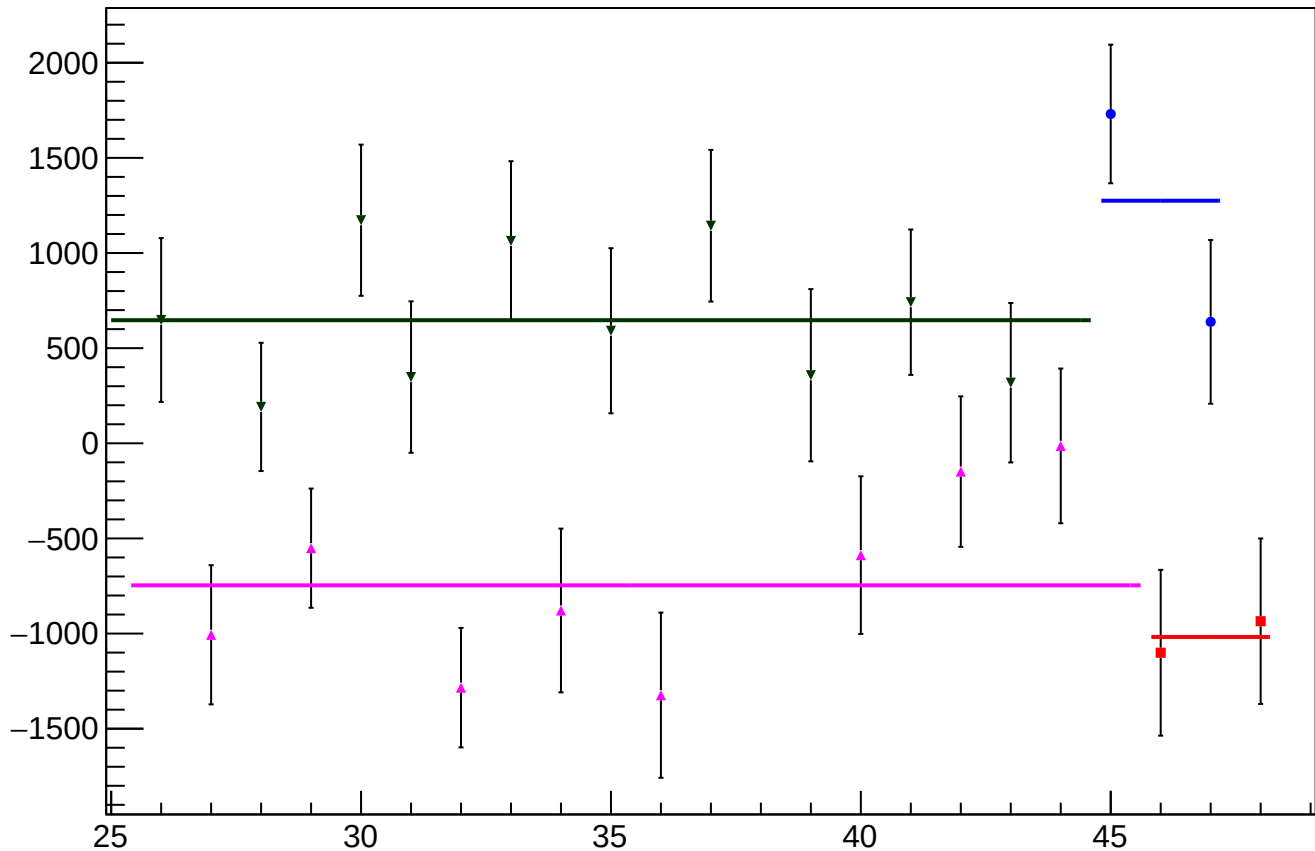
Right Out: 621.295 ± 0.474 χ^2/NDF : 7874.5/1

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

682.729 ± 0.196 χ^2/NDF : 302994.2/11

659.398 ± 0.193 χ^2/NDF : 96513.6/9

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

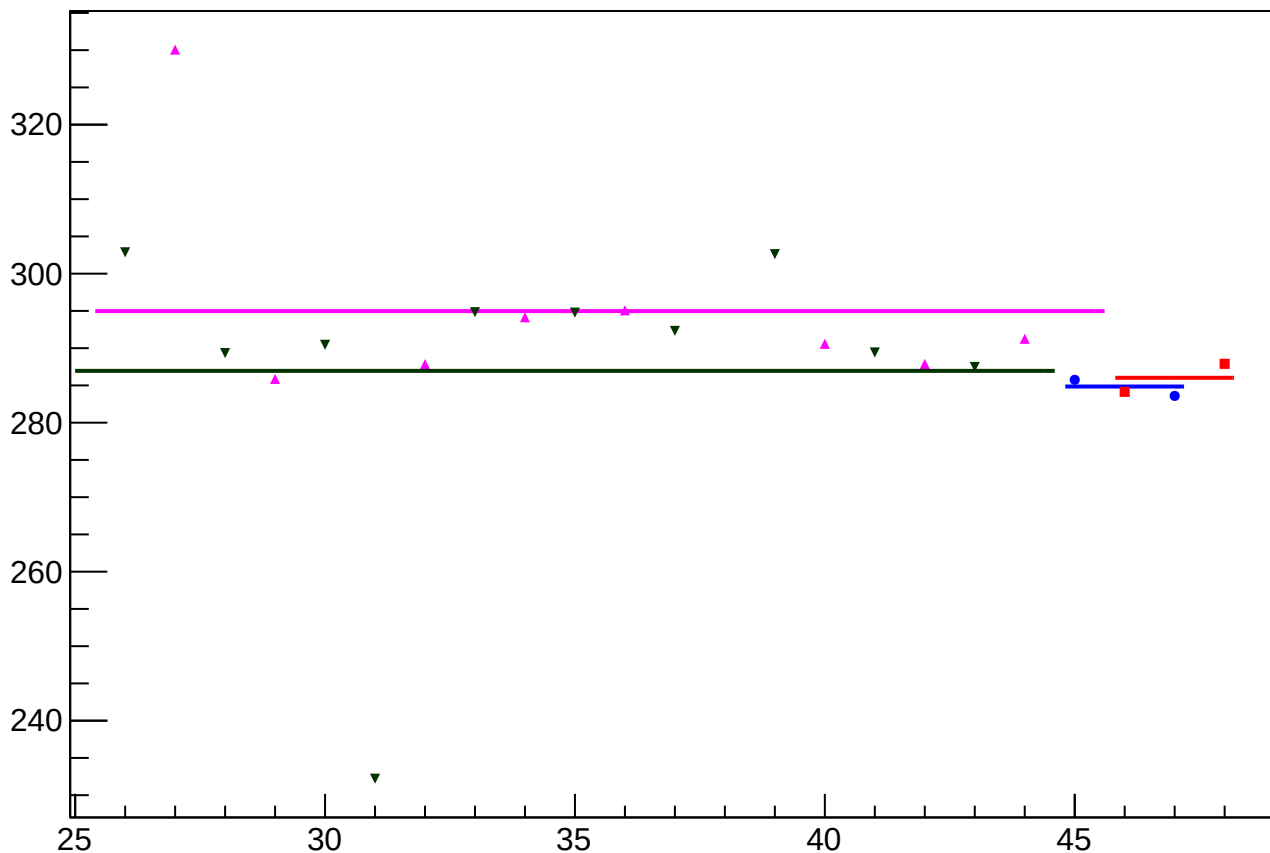
Right Out: -1017.783 $\pm$ 307.717 χ^2/NDF : 0.1/1

Left In: -746.580 $\pm$ 132.693 χ^2/NDF : 11.4/7

755.974 $\pm$ 115.845 χ^2/NDF : 15.8/11

-789.103 $\pm$ 121.847 χ^2/NDF : 12.1/9

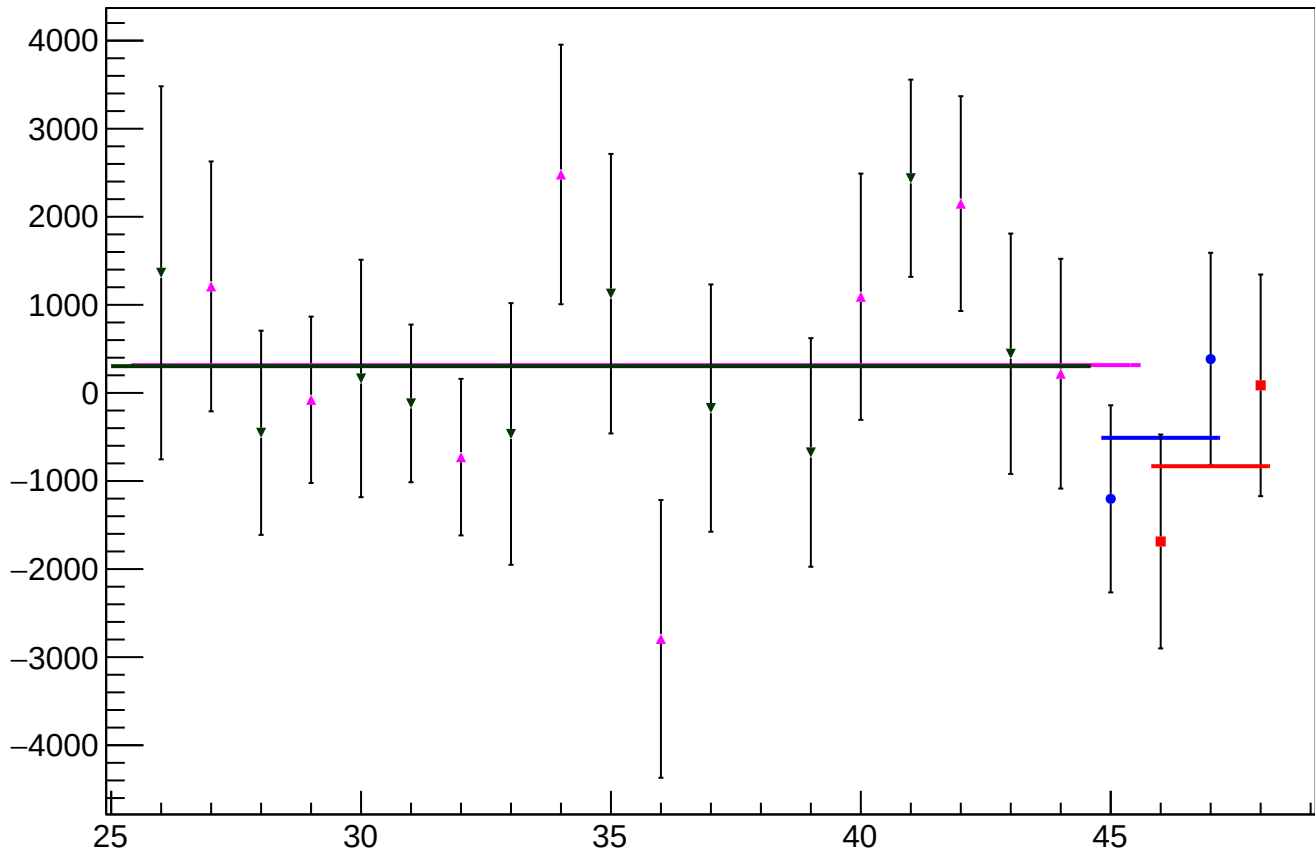
reg_asym_atl1r2_avg_rms vs slug



Right In: 284.852 $\pm$ 0.197 χ^2 /NDF: 29.3/1
 Left Out: 286.953 $\pm$ 0.090 χ^2 /NDF: 45031.7/9
 Right Out: 286.023 $\pm$ 0.218 χ^2 /NDF: 74.6/1
 Left In: 294.977 $\pm$ 0.094 χ^2 /NDF: 22175.8/7

286.588 $\pm$ 0.082 χ^2 /NDF: 45155.3/11
 293.573 $\pm$ 0.086 χ^2 /NDF: 23678.2/9

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

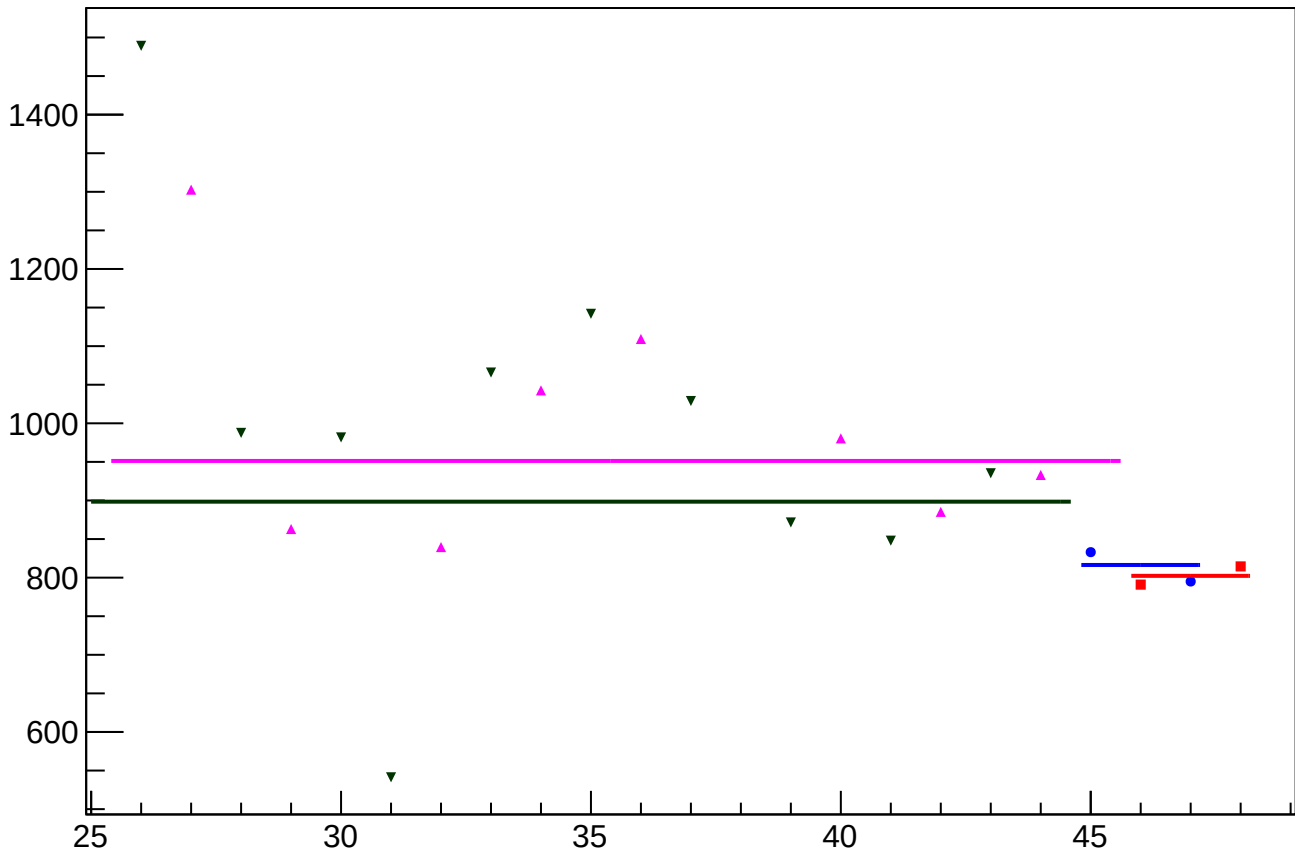
Right Out: -832.051+/-873.859 χ^2/NDF : 1.0/1

Left In: 315.709+/-425.643 χ^2/NDF :10.6/7

136.085+/-362.168 χ^2/NDF : 7.6/11

95.618+/-382.663 χ^2/NDF : 13.0/9

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

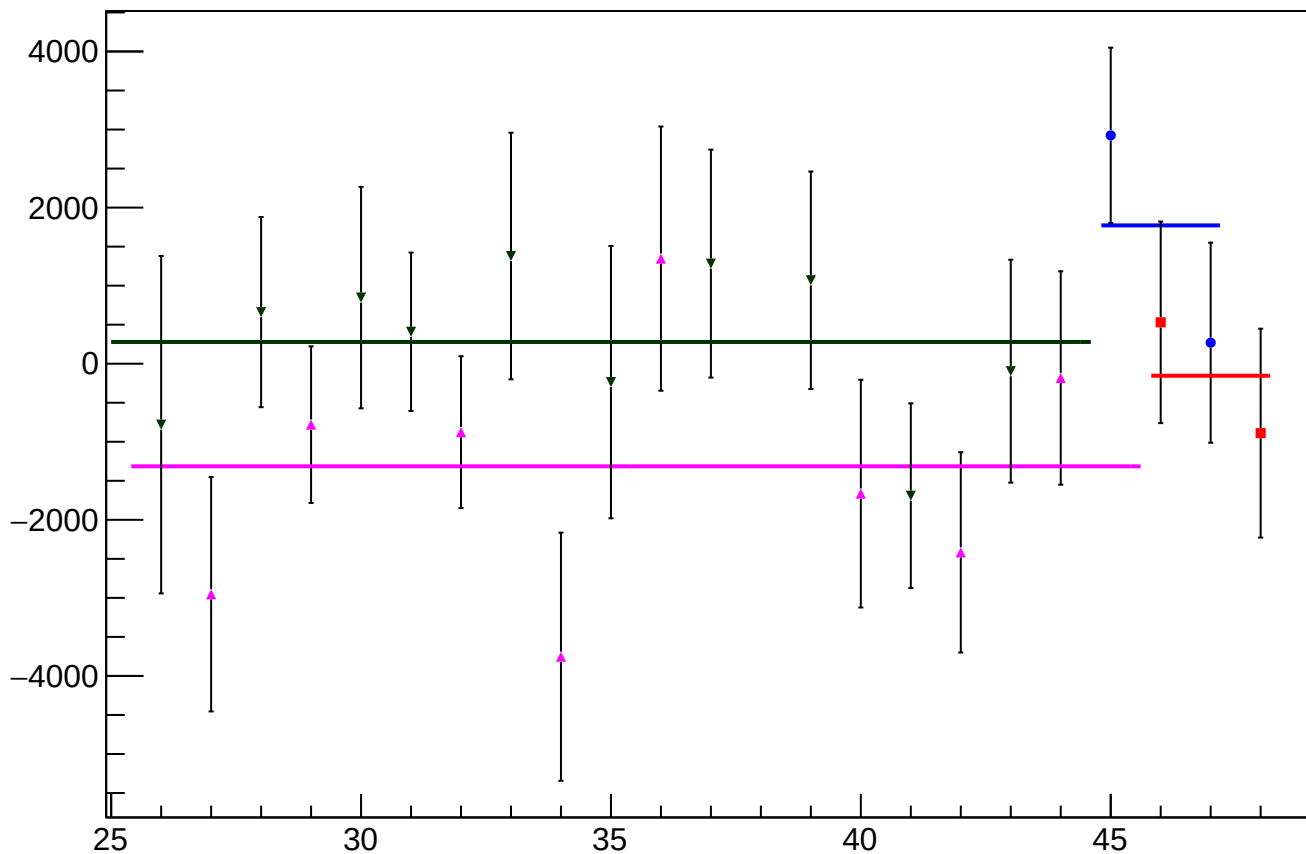
Right Out: 802.337+/-0.618 χ^2/NDF : 364.7/1

Left In: 951.224+/-0.301 χ^2/NDF :206752.8/7

881.532+/-0.256 χ^2/NDF : 607619.8/11

922.674+/-0.271 χ^2/NDF : 254042.9/9

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

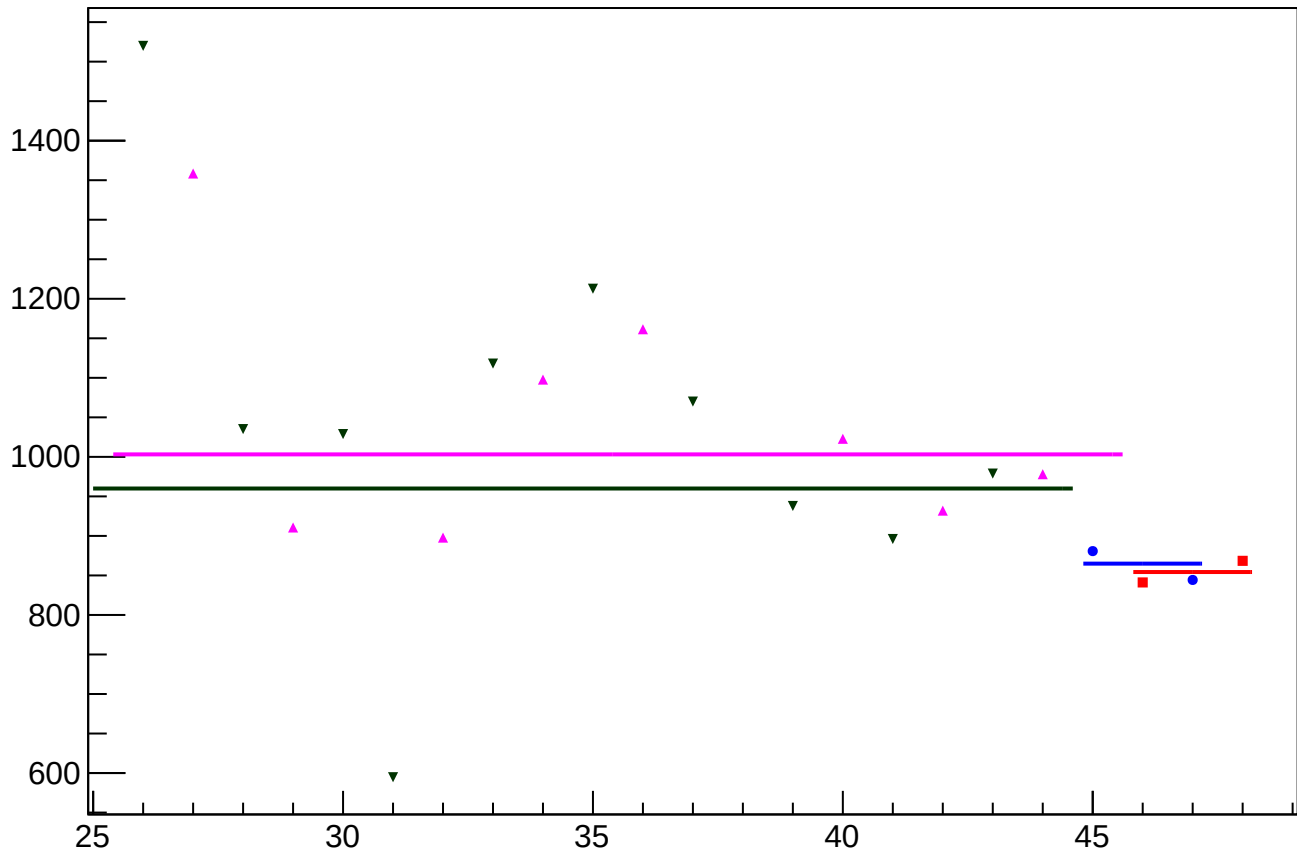
Right Out: -154.186 $\pm$ 929.075 χ^2 /NDF: 0.6/1

Left In: -1314.458 $\pm$ 454.003 χ^2 /NDF:8.0/7

592.124 $\pm$ 387.015 χ^2 /NDF: 9.6/11

-1090.804 $\pm$ 407.906 χ^2 /NDF: 9.8/9

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

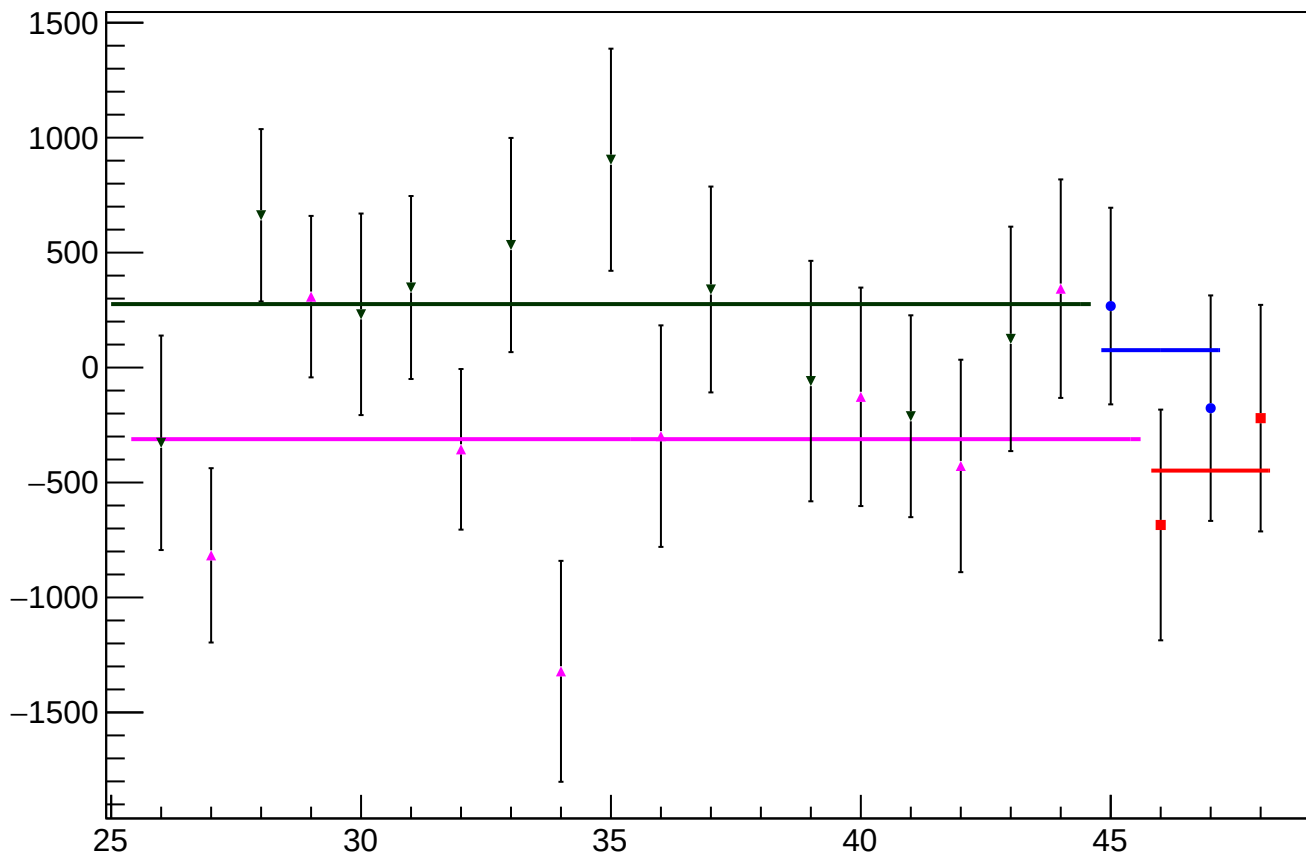
Right Out: 854.314+/-0.657 χ^2/NDF : 432.2/1

Left In: 1003.146+/-0.321 χ^2/NDF : 184277.9/7

940.020+/-0.274 χ^2/NDF : 506776.1/11

974.457+/-0.288 χ^2/NDF : 226140.9/9

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

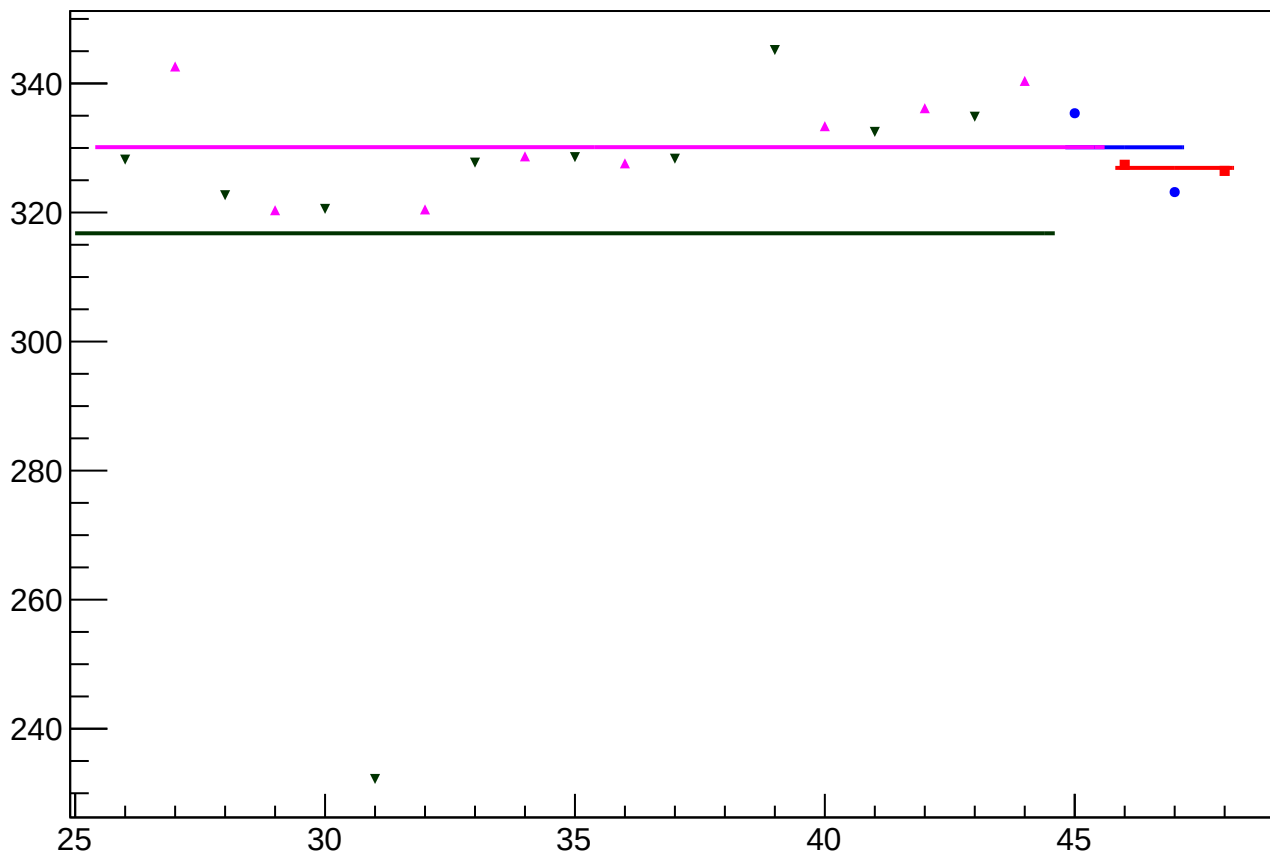
Right Out: -448.112 $\pm$ 351.553 χ^2 /NDF: 0.4/1

Left In: -311.389 $\pm$ 148.343 χ^2 /NDF:11.4/7

243.822 $\pm$ 129.335 χ^2 /NDF: 7.3/11

-332.053 $\pm$ 136.673 χ^2 /NDF: 12.0/9

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

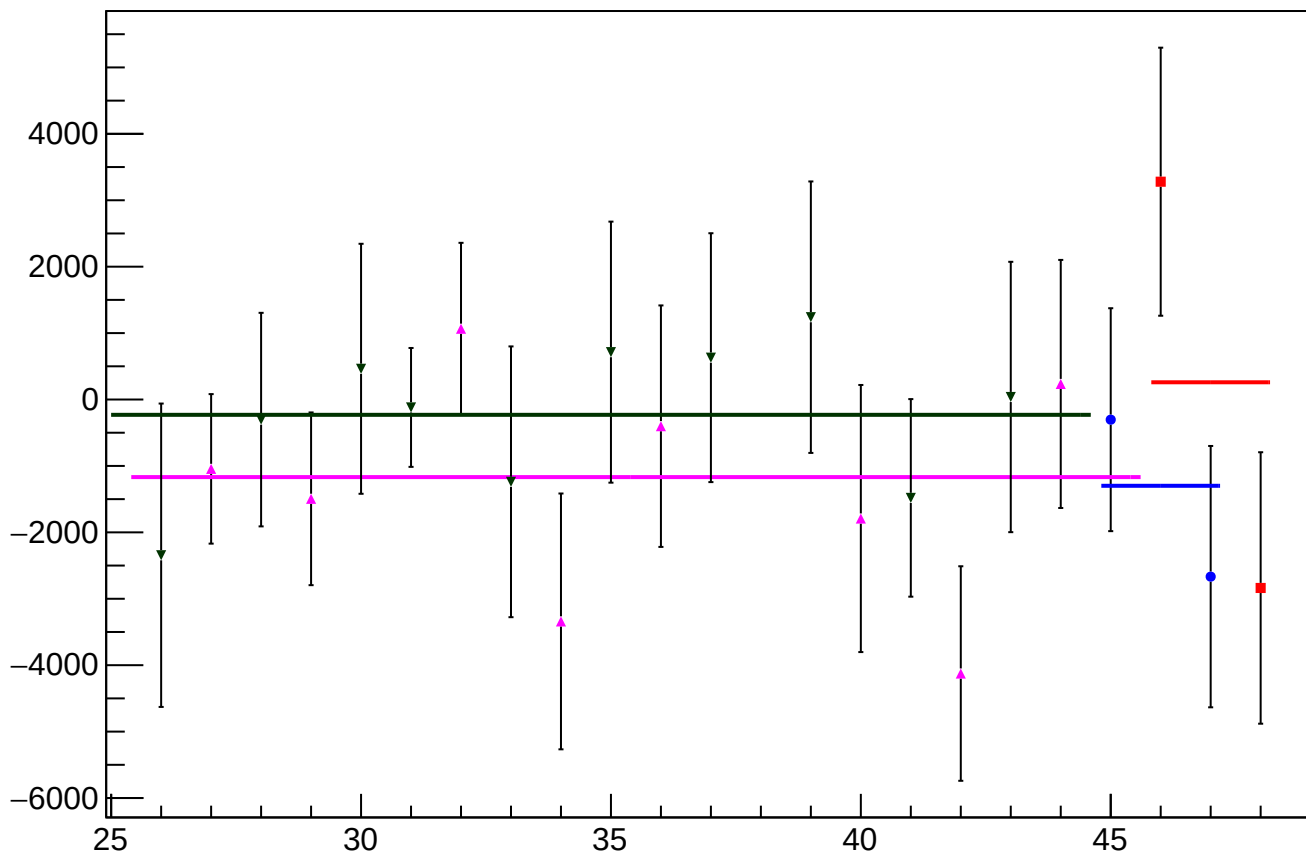
Right Out: 326.914 ± 0.249 χ^2/NDF : 3.7/1

Left In: 330.127 ± 0.105 χ^2/NDF : 6690.1/7

318.925 ± 0.091 χ^2/NDF : 110553.4/11

329.641 ± 0.097 χ^2/NDF : 6835.5/9

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

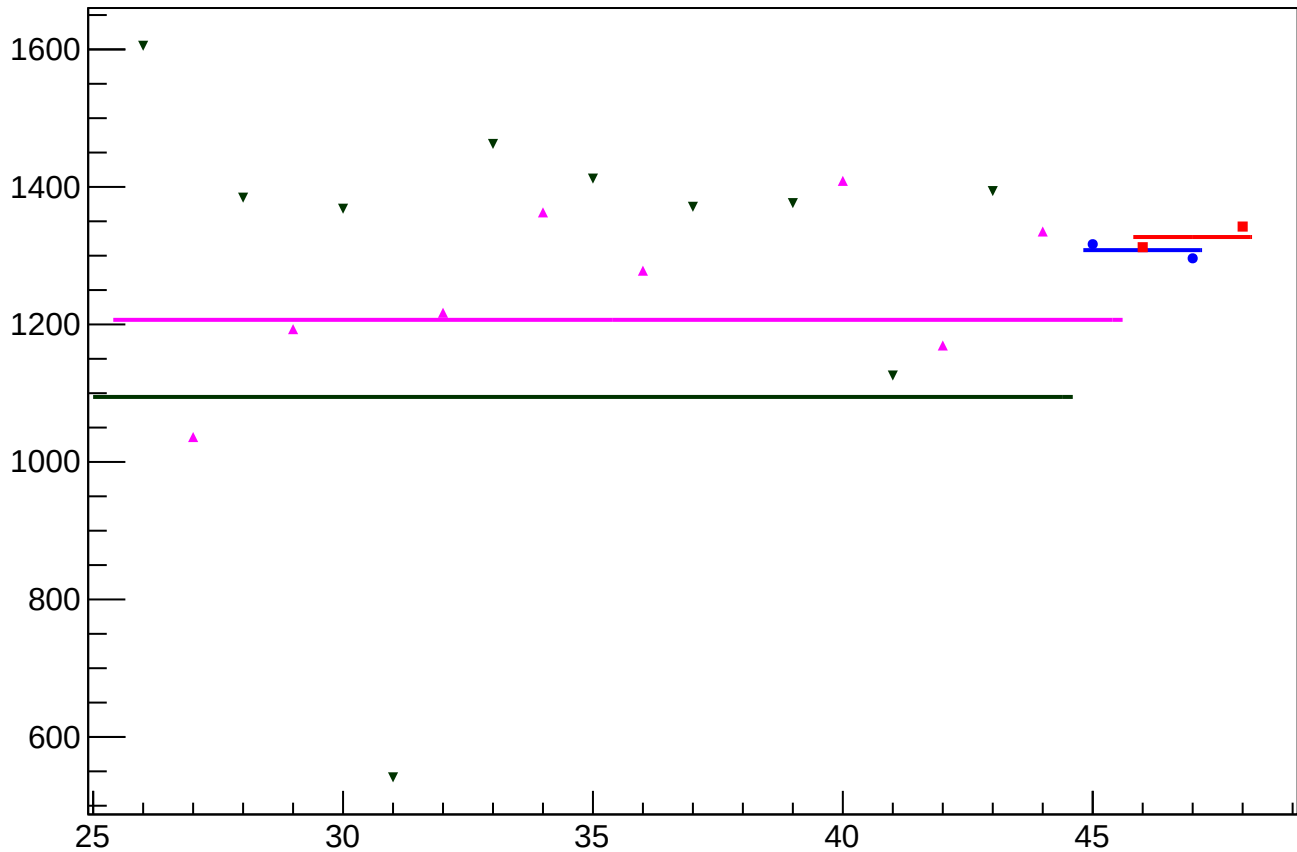
Right Out: 259.437+/-1435.904 χ^2 /NDF: 4.5/1

Left In: -1168.061+/-536.955 χ^2 /NDF: 8.5/7

-378.101+/-474.570 χ^2 /NDF: 4.4/11

-992.932+/-502.940 χ^2 /NDF: 13.9/9

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

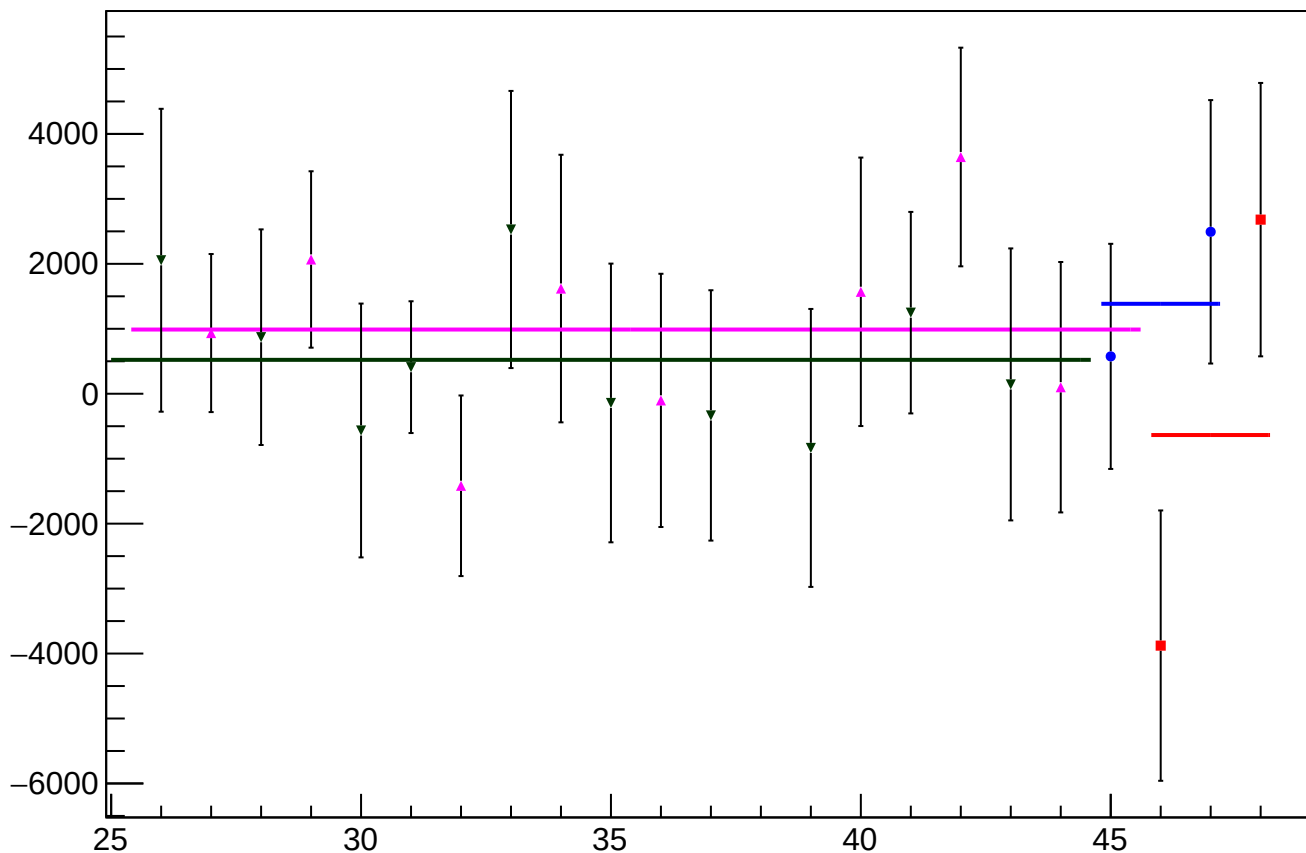
1124.057+/-0.336 χ^2/NDF : 1263210.3/11

Right Out: 1327.140+/-1.015 χ^2/NDF : 219.0/1

1221.464+/-0.356 χ^2/NDF : 105792.0/9

Left In: 1206.686+/-0.380 χ^2/NDF : 93225.4/7

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

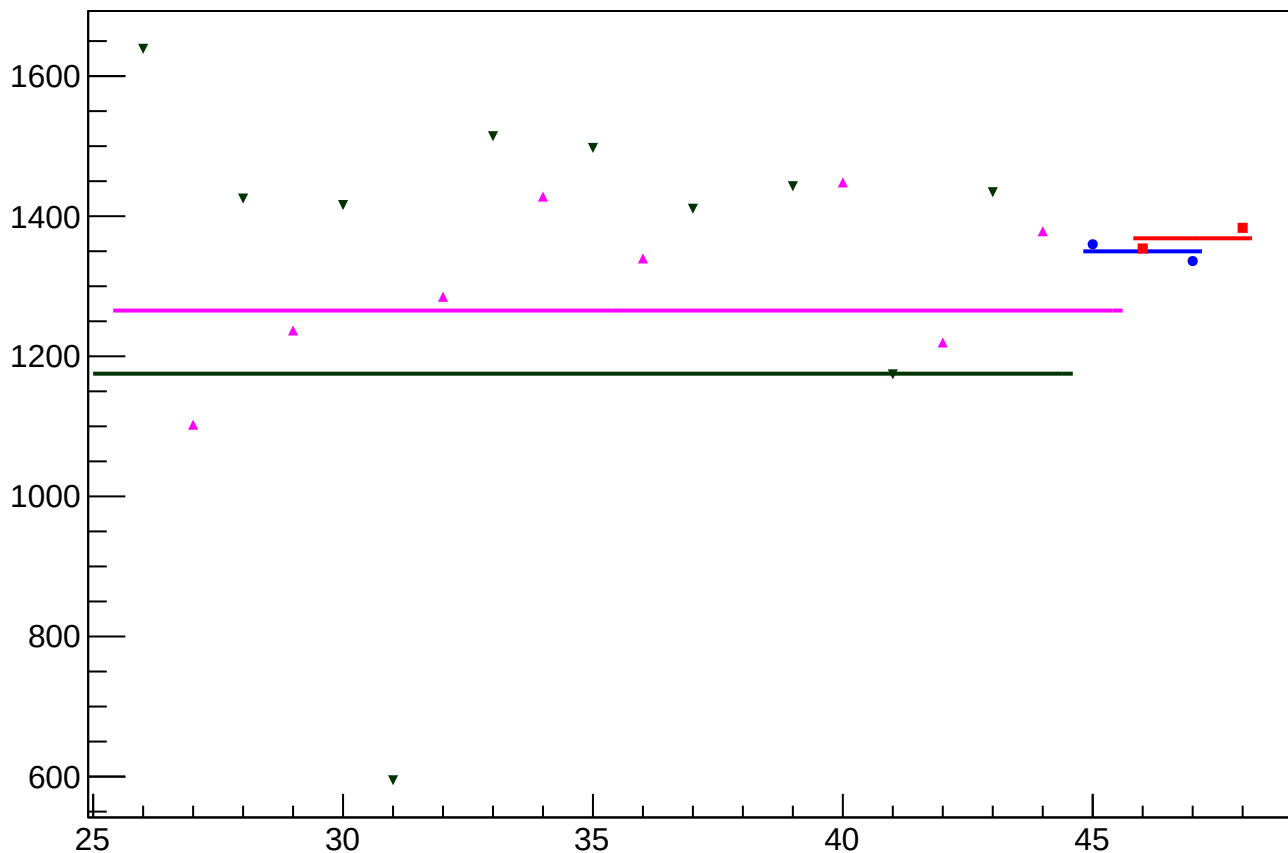
Right Out: -635.657+/-1479.781 χ^2/NDF : 4.9/1

Left In: 988.467+/-568.860 χ^2/NDF : 6.8/7

648.516+/-504.748 χ^2/NDF : 3.5/11

779.356+/-530.978 χ^2/NDF : 12.8/9

asym_atl1r2_dd_rms vs slug



Right In: 1349.838 $\pm$ 0.932 χ^2/NDF : 160.9/1

Left Out: 1175.201 $\pm$ 0.386 χ^2/NDF : 997076.7/9

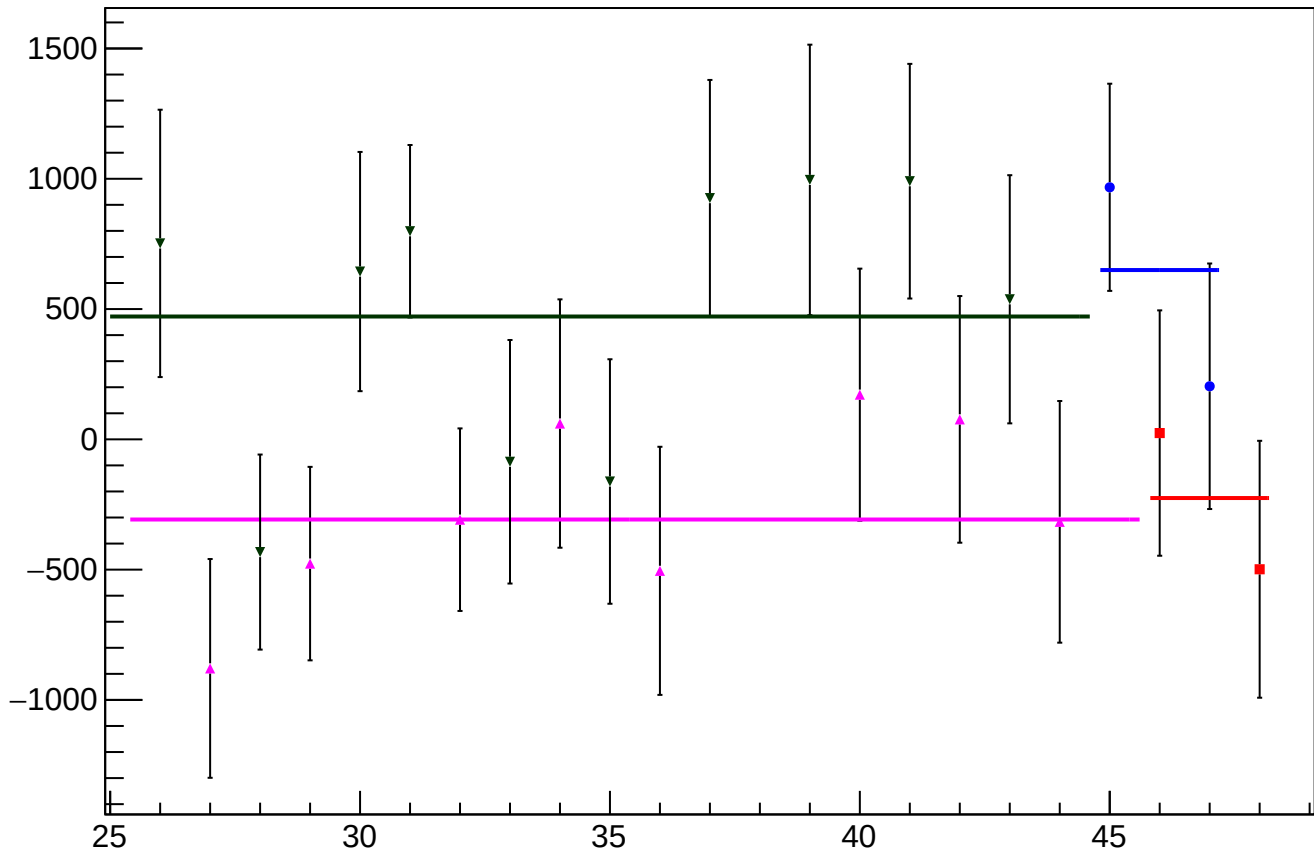
Right Out: 1368.480 $\pm$ 1.046 χ^2/NDF : 198.6/1

Left In: 1265.308 $\pm$ 0.402 χ^2/NDF : 76563.2/7

1200.835 $\pm$ 0.357 χ^2/NDF : 1027222.4/11

1278.592 $\pm$ 0.375 χ^2/NDF : 85232.0/9

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

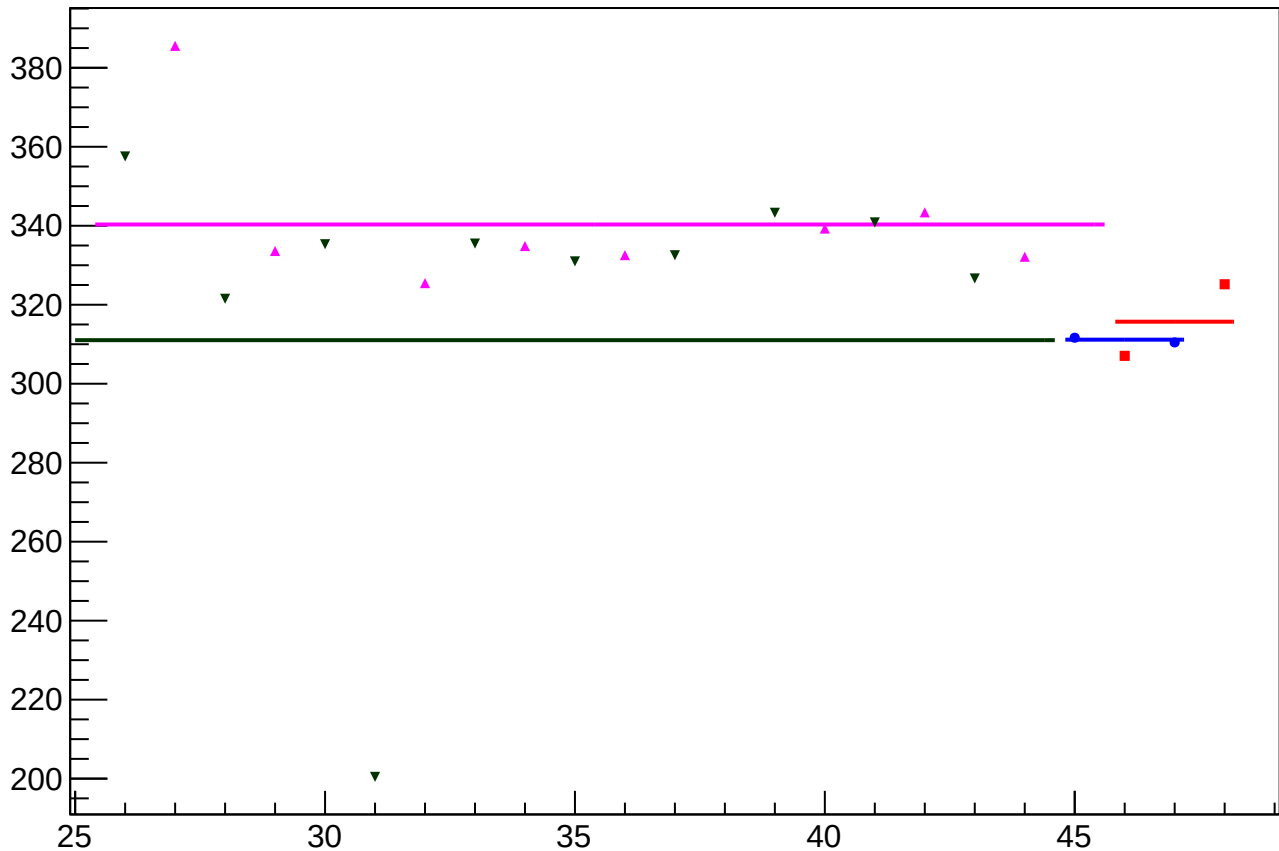
Right Out: -225.223+/-340.491 χ^2/NDF : 0.6/1

Left In: -307.654+/-151.998 χ^2/NDF : 4.5/7

502.232+/-126.302 χ^2/NDF : 15.7/11

-293.956+/-138.796 χ^2/NDF : 5.1/9

reg_asym_atr1l2_avg_rms vs slug



Right In: 311.155 ± 0.215 $\chi^2/\text{NDF}: 7.4/1$

Left Out: 311.029 ± 0.098 $\chi^2/\text{NDF}: 279202.9/9$

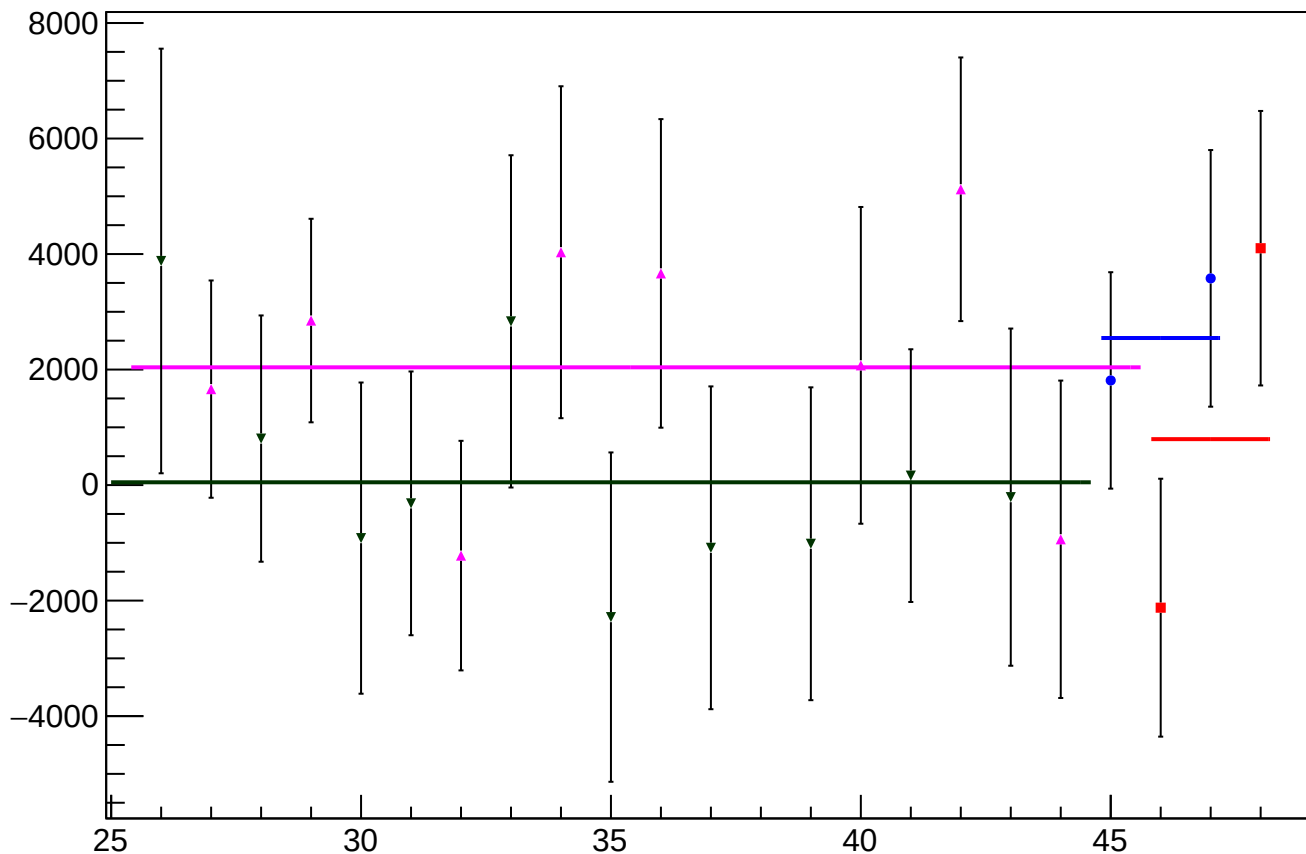
Right Out: 315.704 ± 0.241 $\chi^2/\text{NDF}: 1414.4/1$

Left In: 340.323 ± 0.107 $\chi^2/\text{NDF}: 28978.3/7$

311.051 ± 0.089 $\chi^2/\text{NDF}: 279210.6/11$

336.233 ± 0.098 $\chi^2/\text{NDF}: 39111.4/9$

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

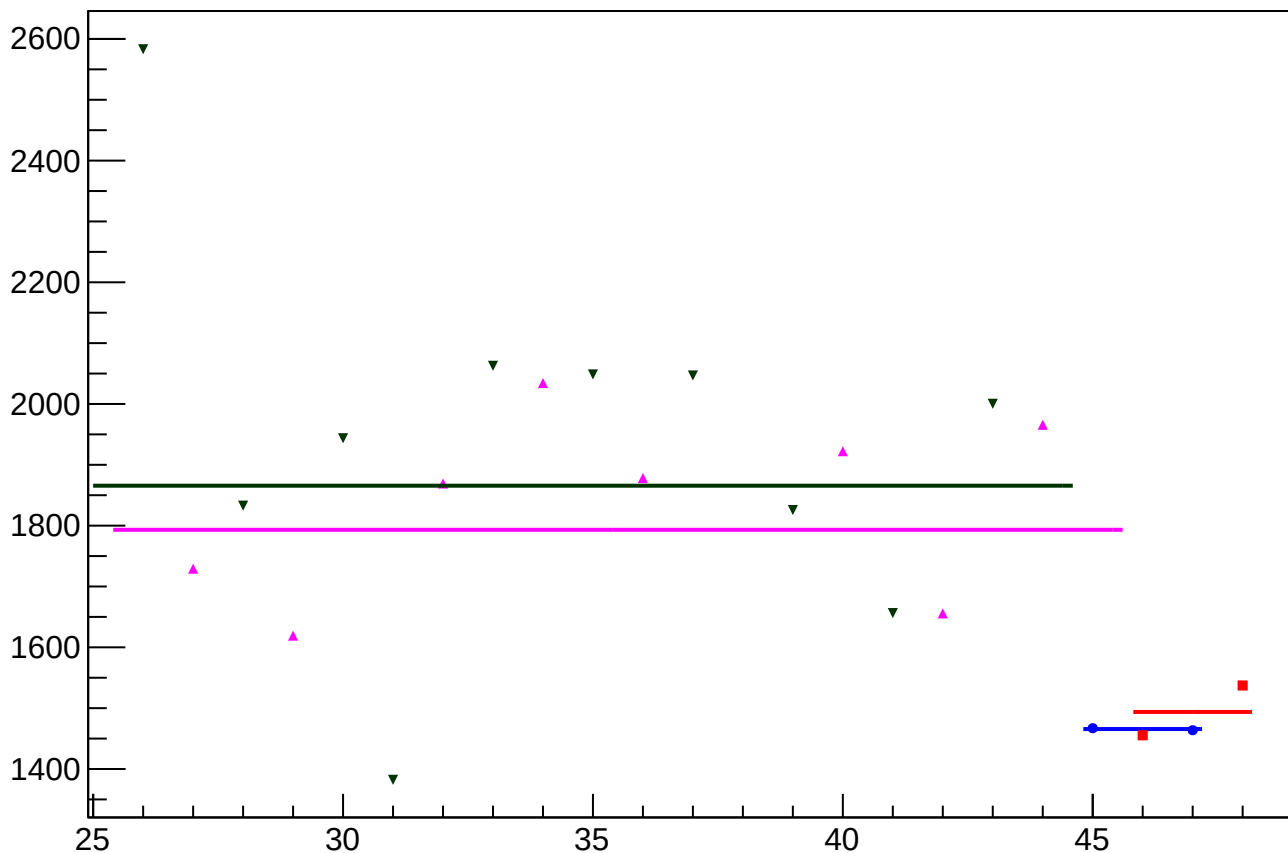
Right Out: 795.300+/-1627.137 χ^2/NDF : 3.6/1

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

674.194+/-716.904 χ^2/NDF : 6.0/11

1798.402+/-715.305 χ^2/NDF : 10.9/9

asym_atr1l2_avg_correction_rms vs slug



Right In: 1465.667+/-1.013 χ^2/NDF : 2.6/1

Left Out: 1865.656+/-0.586 χ^2/NDF : 217022.9/9

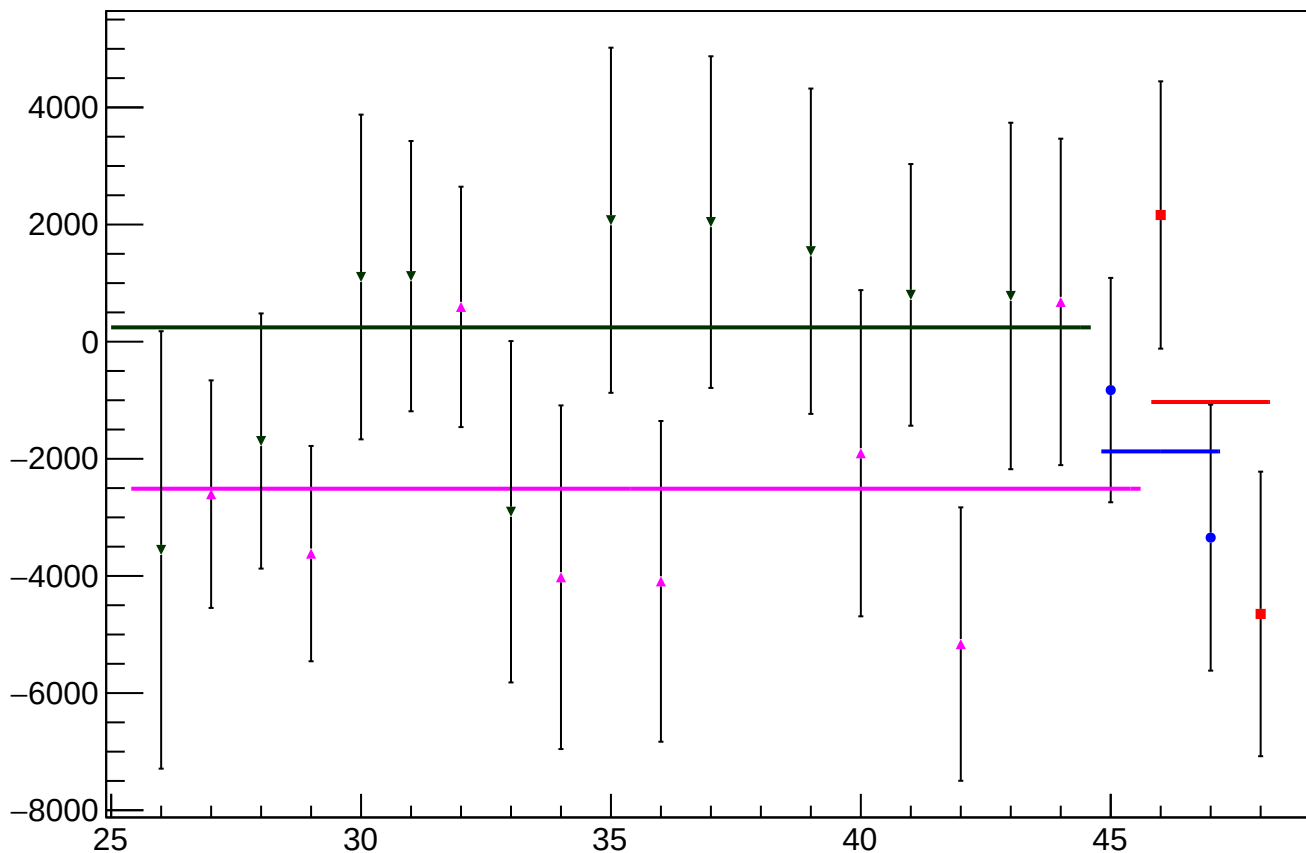
Right Out: 1493.785+/-1.151 χ^2/NDF : 1261.3/1

Left In: 1793.191+/-0.563 χ^2/NDF : 60429.1/7

1765.442+/-0.507 χ^2/NDF : 333930.2/11

1735.329+/-0.506 χ^2/NDF : 116321.1/9

asym_atr1l2_avg_mean vs slug



Right In: -1873.627+/-1464.239 χ^2/NDF : 0.7/1

Left Out: 244.304+/-844.452 χ^2/NDF : 4.3/9

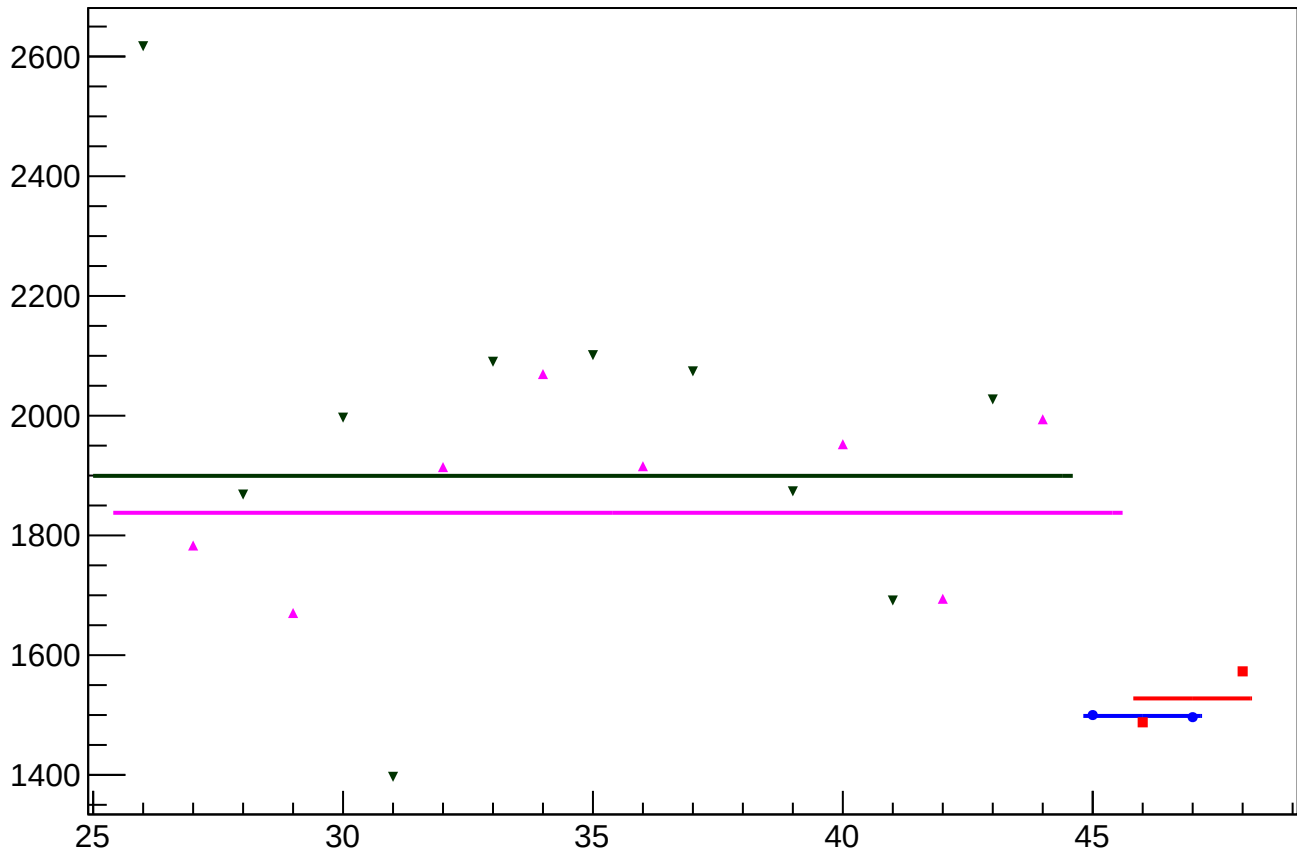
Right Out: -1030.070+/-1663.380 χ^2/NDF : 4.2/1

Left In: -2510.541+/-819.482 χ^2/NDF : 5.9/7

-284.308+/-731.517 χ^2/NDF : 6.6/11

-2221.390+/-735.112 χ^2/NDF : 10.7/9

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

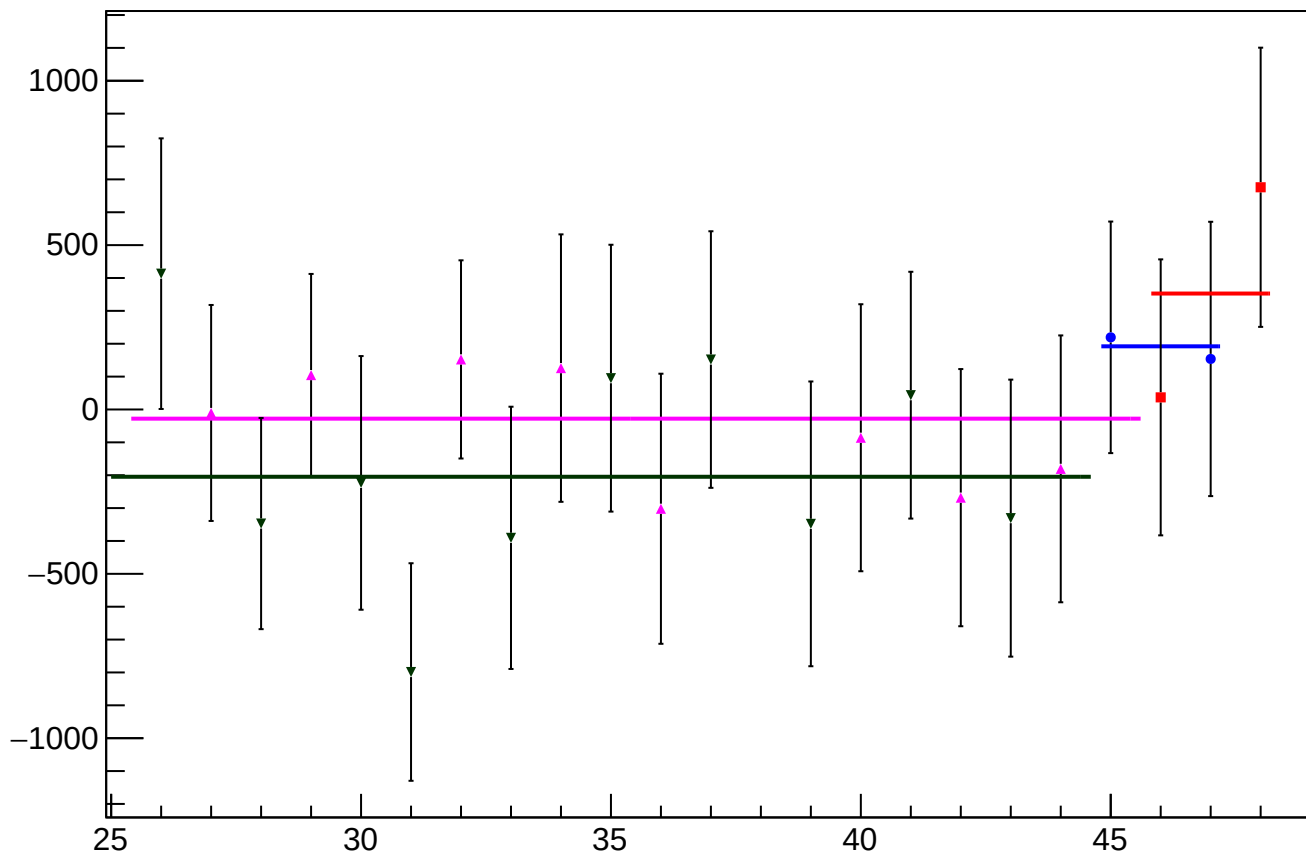
Right Out: 1527.719+/-1.176 χ^2/NDF : 1304.2/1

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1799.421+/-0.517 χ^2/NDF : 331039.2/11

1777.244+/-0.520 χ^2/NDF : 109503.0/9

reg_asym_atr1l2_dd_mean vs slug



Right In: 192.118+/-269.160 χ^2/NDF : 0.0/1

Left Out: -204.705+/-120.898 χ^2/NDF : 7.9/9

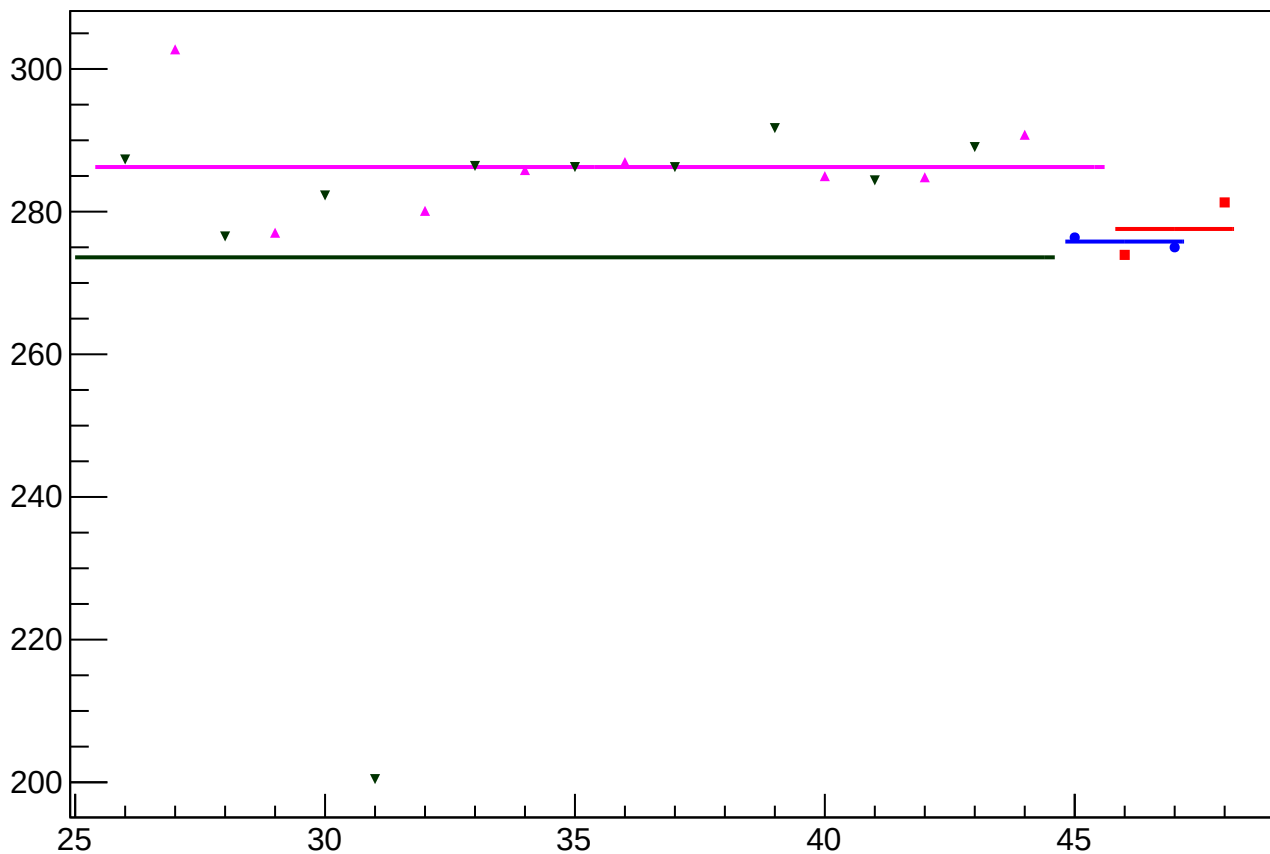
Right Out: 352.705+/-298.557 χ^2/NDF : 1.1/1

Left In: -27.916+/-127.552 χ^2/NDF : 1.7/7

-138.085+/-110.284 χ^2/NDF : 9.7/11

30.833+/-117.296 χ^2/NDF : 4.2/9

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

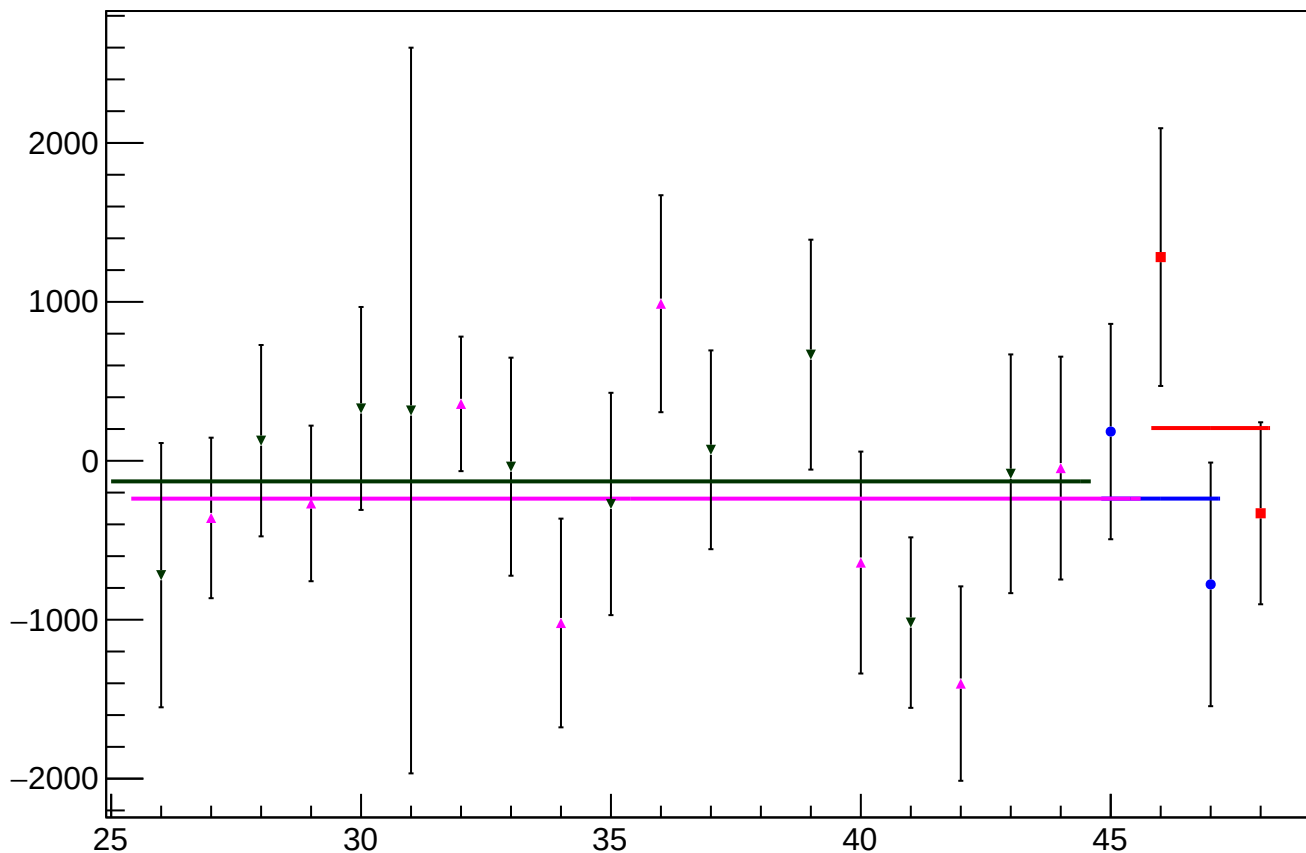
Right Out: 277.571 $\pm$ 0.211 χ^2 /NDF: 303.4/1

Left In: 286.255 $\pm$ 0.090 χ^2 /NDF: 7968.8/7

273.966 $\pm$ 0.078 χ^2 /NDF: 115193.5/11

284.914 $\pm$ 0.083 χ^2 /NDF: 9702.9/9

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

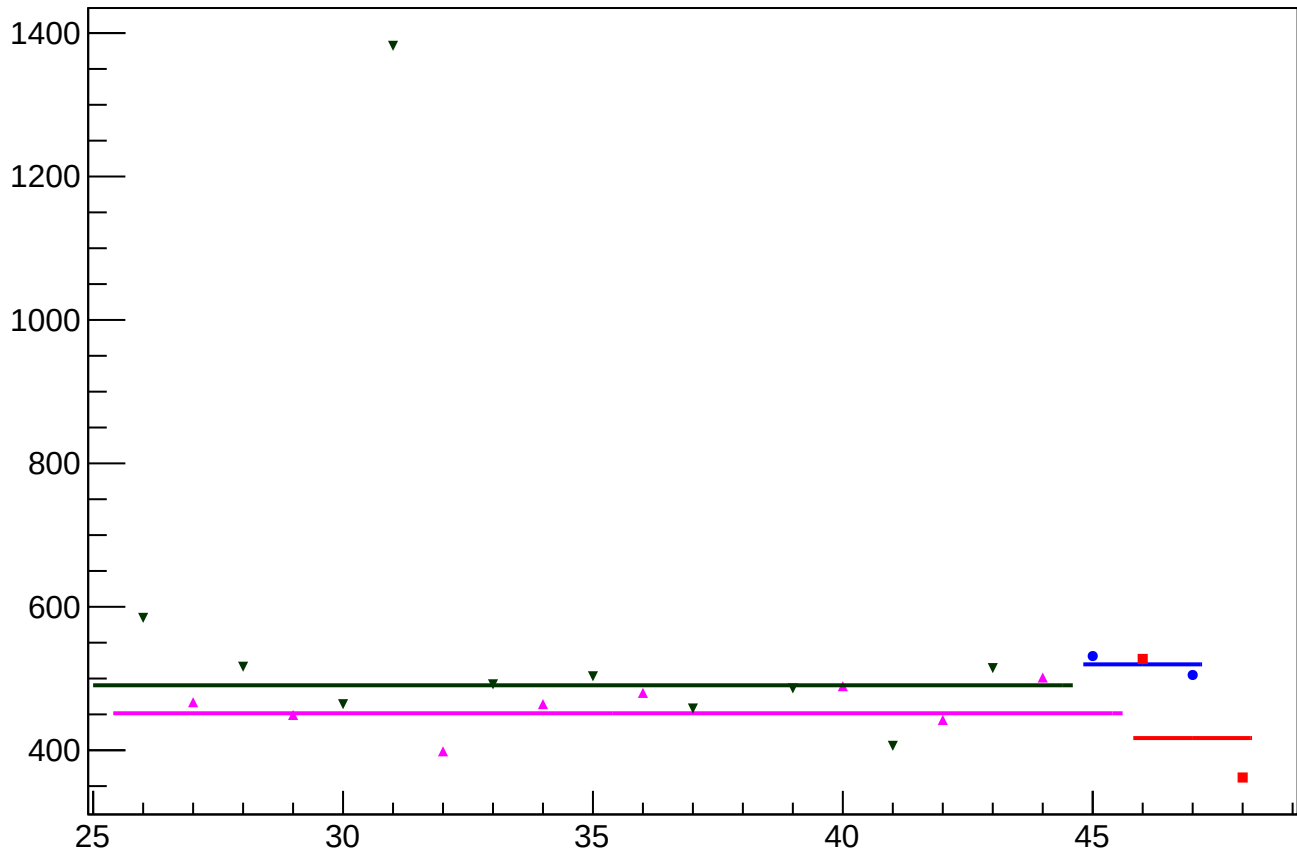
Right Out: 206.063+/-467.752 χ^2/NDF : 2.6/1

Left In: -238.069+/-200.408 χ^2/NDF : 10.7/7

-146.601+/-201.563 χ^2/NDF : 6.3/11

-169.185+/-184.212 χ^2/NDF : 14.1/9

asym_atr1l2_dd_correction_rms vs slug



Right In: 519.768 ± 0.359 χ^2/NDF : 1331.6/1

Left Out: 495.176 ± 0.143 χ^2/NDF : 395329.3/9

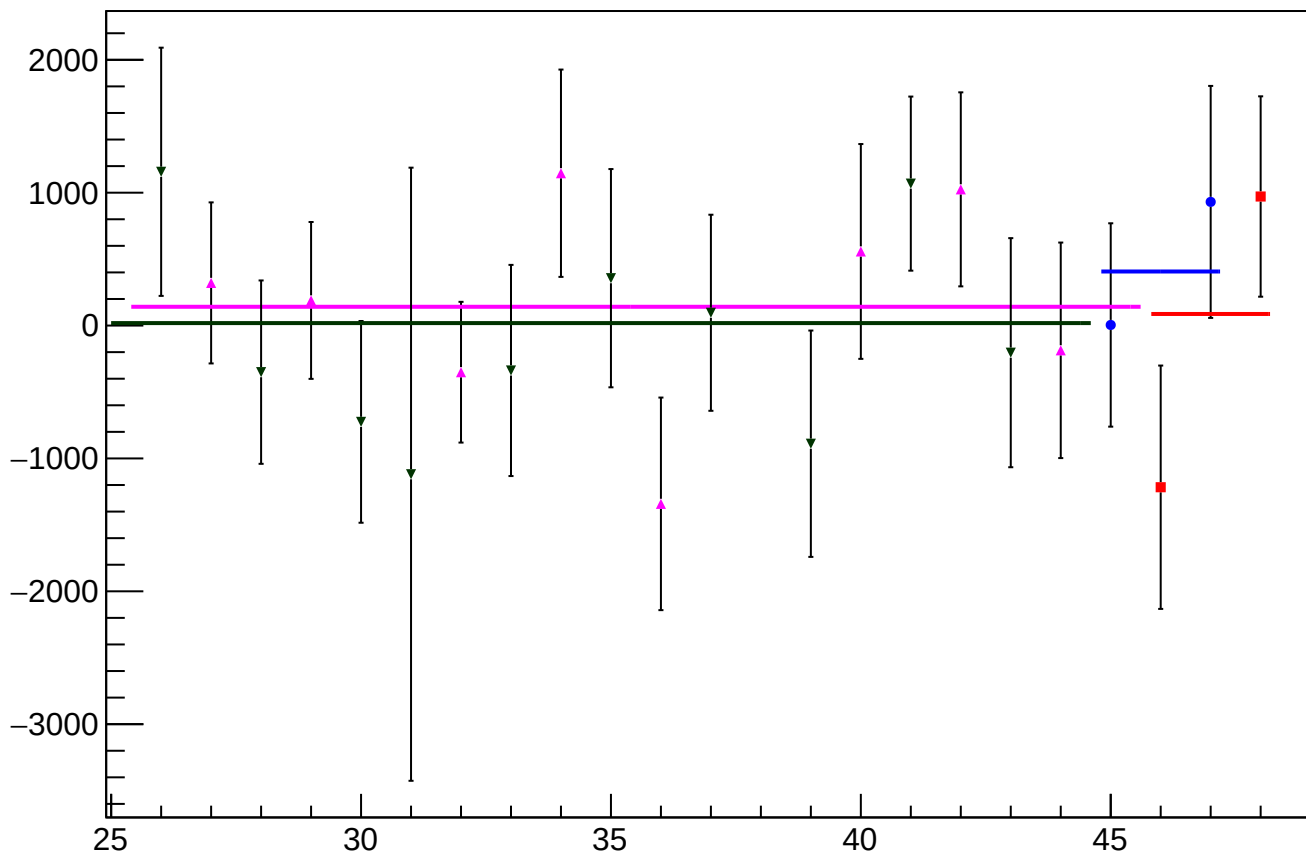
Right Out: 416.987 ± 0.331 χ^2/NDF : 55471.2/1

Left In: 451.550 ± 0.142 χ^2/NDF : 53983.7/7

495.176 ± 0.143 χ^2/NDF : 402232.4/11

446.189 ± 0.130 χ^2/NDF : 118681.0/9

asym_atr1l2_dd_mean vs slug



Right In: 406.945 $\pm$ 575.455 χ^2 /NDF: 0.6/1

Left Out: 18.643 $\pm$ 257.116 χ^2 /NDF: 7.1/9

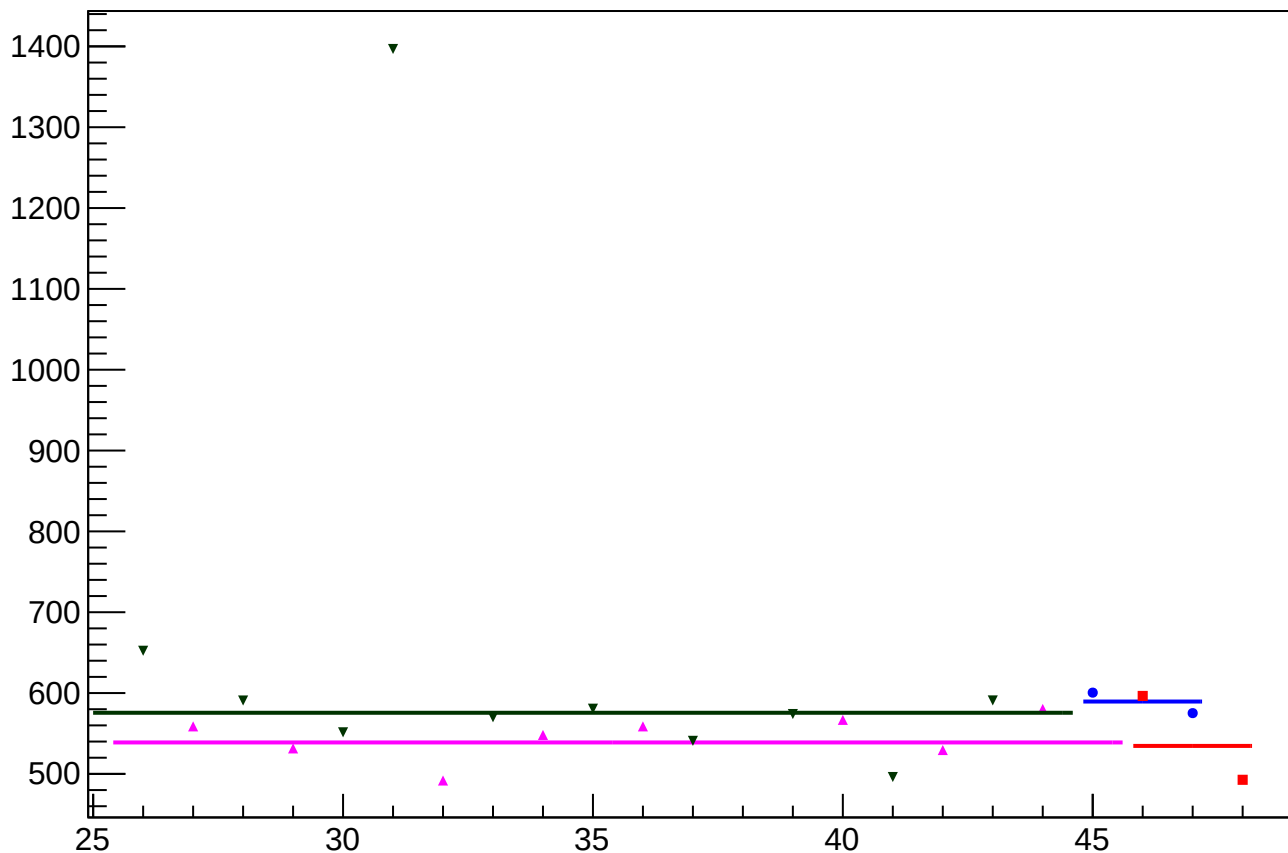
Right Out: 87.242 $\pm$ 582.082 χ^2 /NDF: 3.4/1

Left In: 141.414 $\pm$ 240.490 χ^2 /NDF: 8.0/7

83.261 $\pm$ 234.749 χ^2 /NDF: 8.1/11

133.516 $\pm$ 222.267 χ^2 /NDF: 11.4/9

asym_atr1l2_dd_rms vs slug



Right In: 589.509+/-0.407 χ^2/NDF : 953.7/1

Left Out: 575.614+/-0.182 χ^2/NDF : 304506.5/9

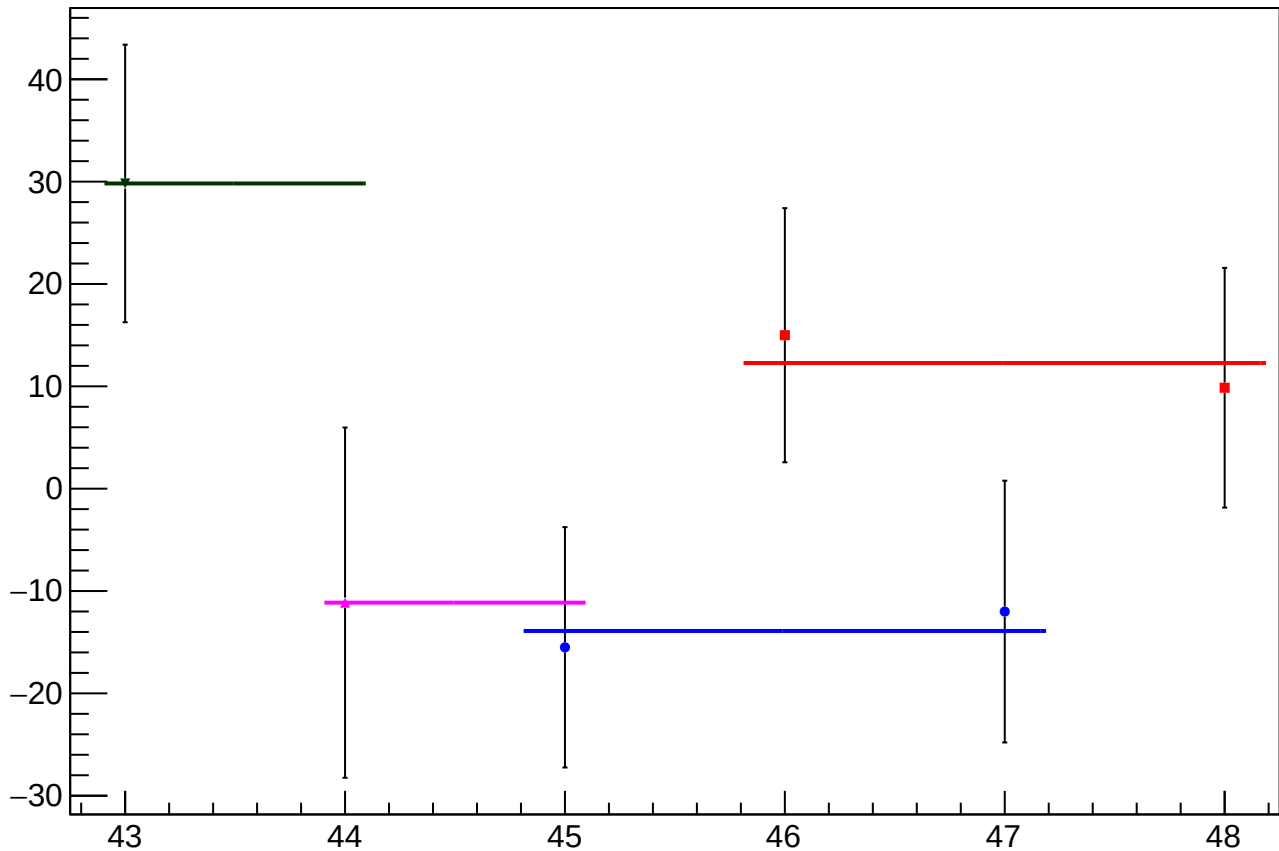
Right Out: 534.605+/-0.412 χ^2/NDF : 15295.9/1

Left In: 538.892+/-0.170 χ^2/NDF : 27749.5/7

577.926+/-0.166 χ^2/NDF : 306432.1/11

538.267+/-0.157 χ^2/NDF : 43138.1/9

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

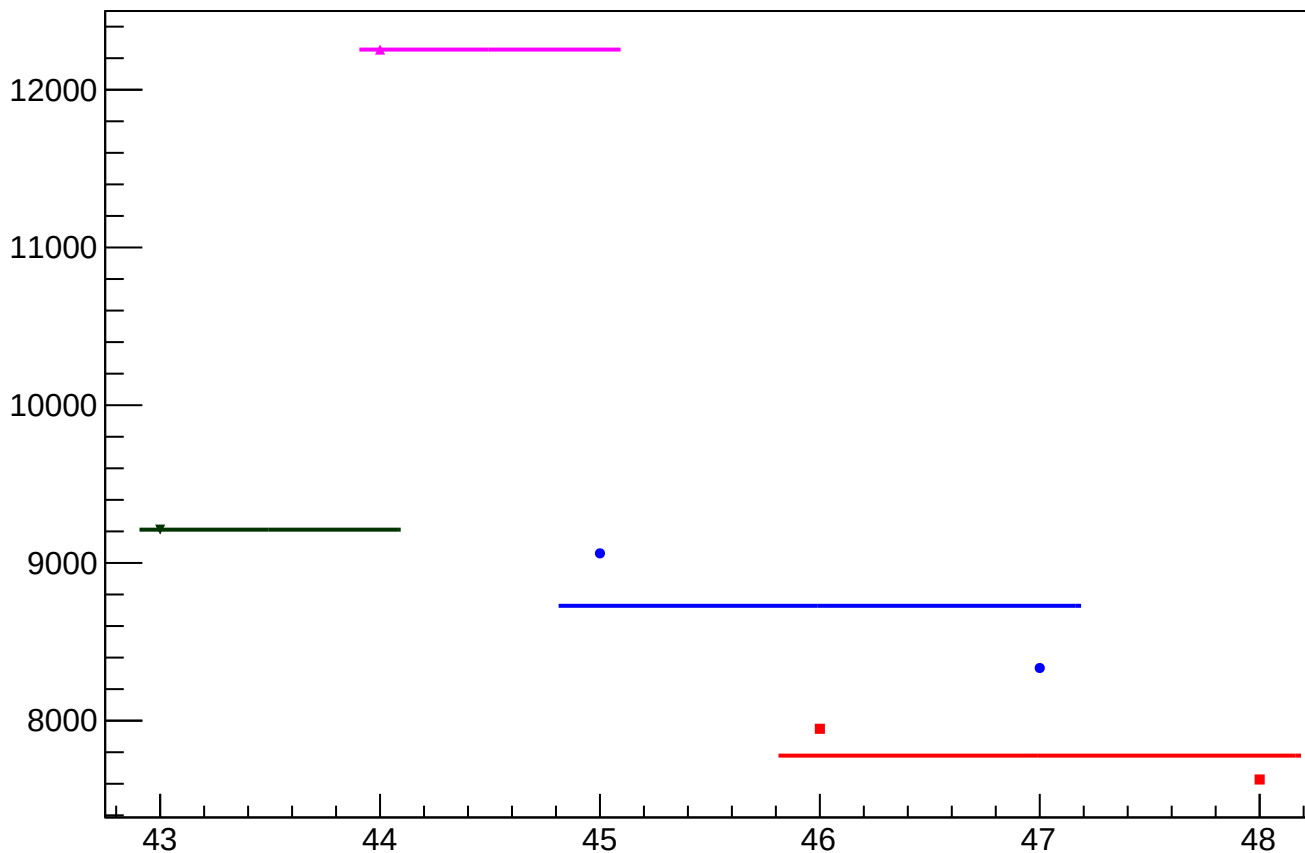
Right Out: 12.279 $\pm$ 8.520 χ^2 /NDF: 0.1/1

Left In: -11.136 $\pm$ 17.113 χ^2 /NDF: 0.0/0

-1.258 $\pm$ 7.293 χ^2 /NDF: 7.4/2

7.628 $\pm$ 7.627 χ^2 /NDF: 1.6/2

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

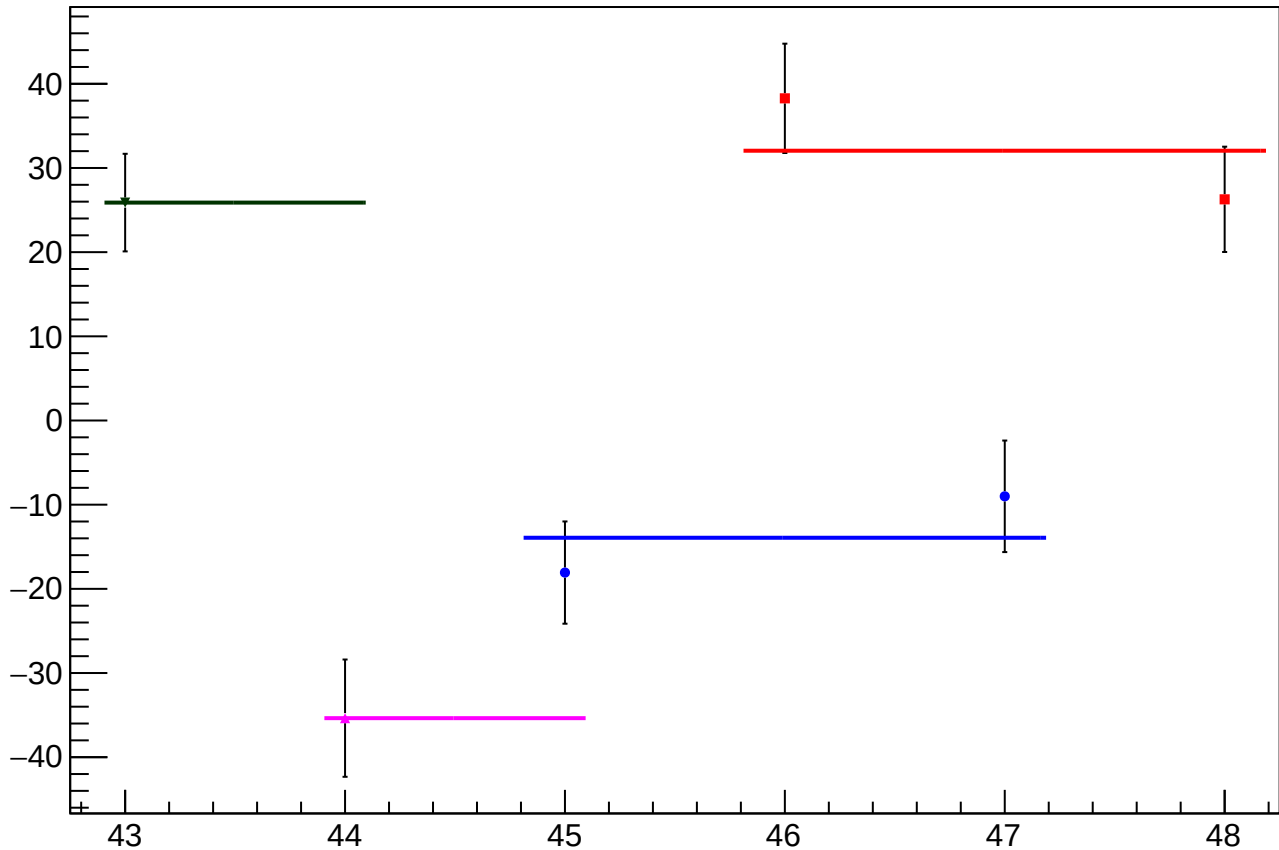
Right Out: 7778.521 $\pm$ 6.024 χ^2/NDF : 709.6/1

Left In: 12254.628 $\pm$ 12.101 χ^2/NDF : 0.0/0

8867.917 $\pm$ 5.157 χ^2/NDF : 5305.9/2

8667.570 $\pm$ 5.393 χ^2/NDF : 110361.5/2

diff_bpm0l01Y_mean vs slug



Right In: -13.930 $\pm$ 4.477 χ^2 /NDF: 1.0/1

Left Out: 25.888 $\pm$ 5.797 χ^2 /NDF: 0.0/0

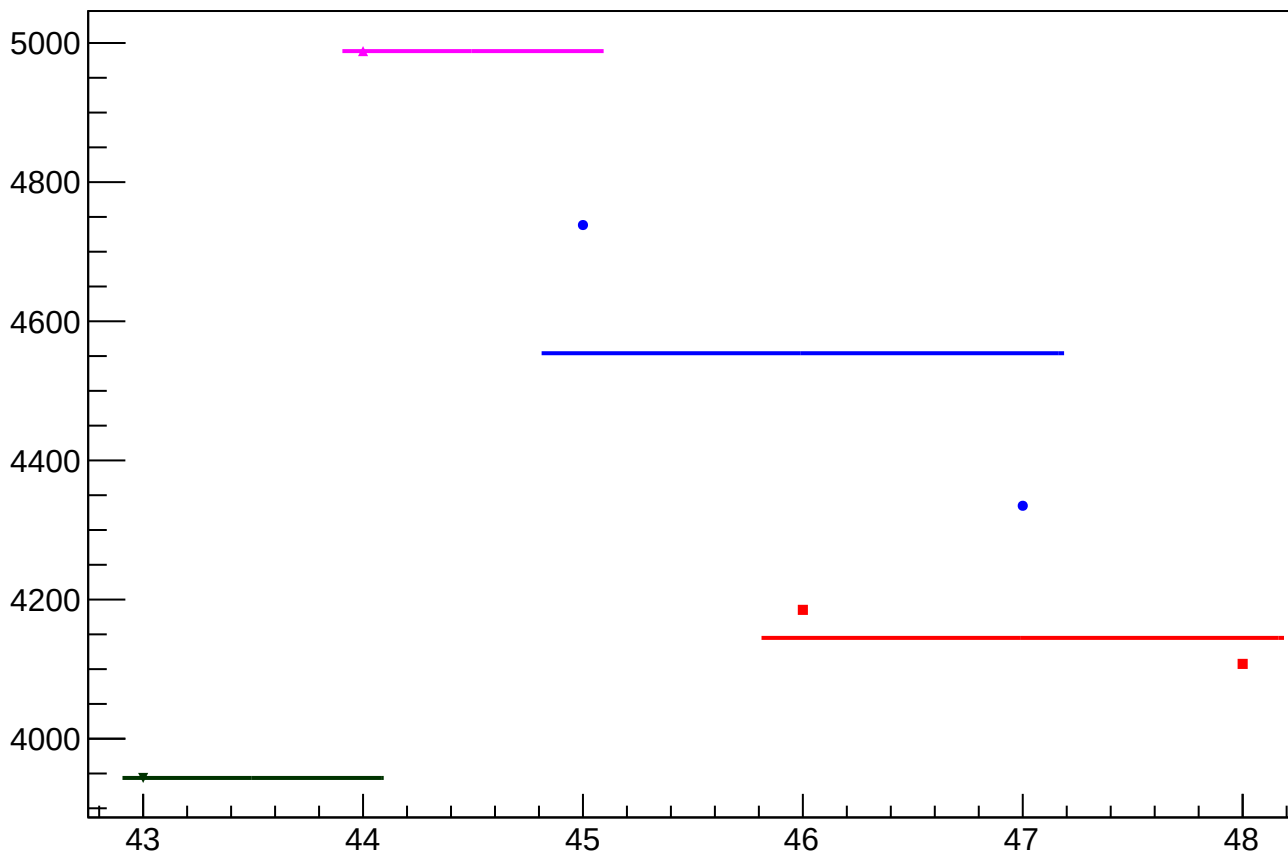
Right Out: 32.050 $\pm$ 4.505 χ^2 /NDF: 1.8/1

Left In: -35.362 $\pm$ 6.967 χ^2 /NDF: 0.0/0

0.947 $\pm$ 3.543 χ^2 /NDF: 30.6/2

12.171 $\pm$ 3.783 χ^2 /NDF: 67.8/2

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

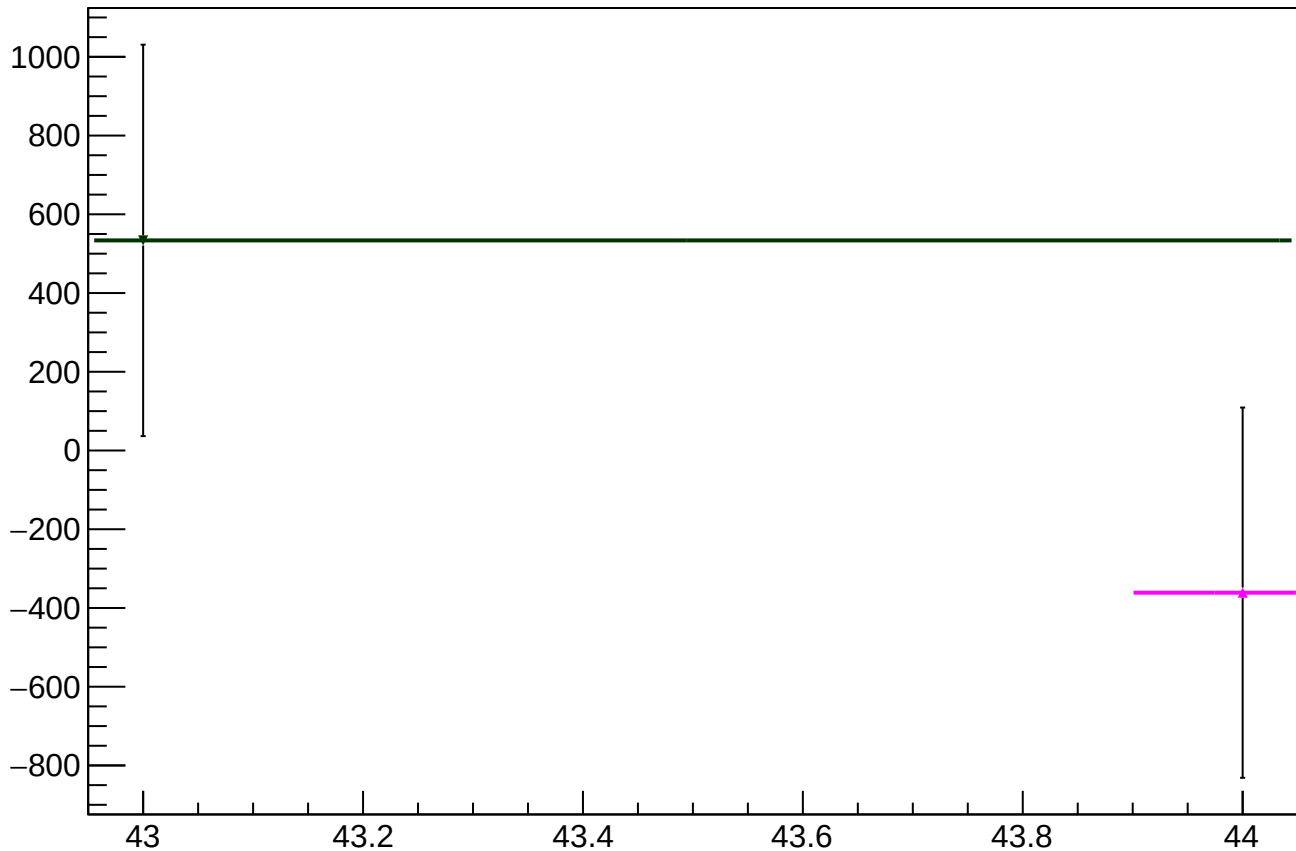
Right Out: 4144.916+/-3.186 χ^2/NDF : 148.4/1

Left In: 4988.357+/-4.926 χ^2/NDF : 0.0/0

4325.990+/-2.506 χ^2/NDF : 17923.2/2

4393.636+/-2.675 χ^2/NDF : 20819.2/2

asym_ds_agg_av_mean vs slug



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

533.704+/-497.188 χ^2/NDF : 0.0/0

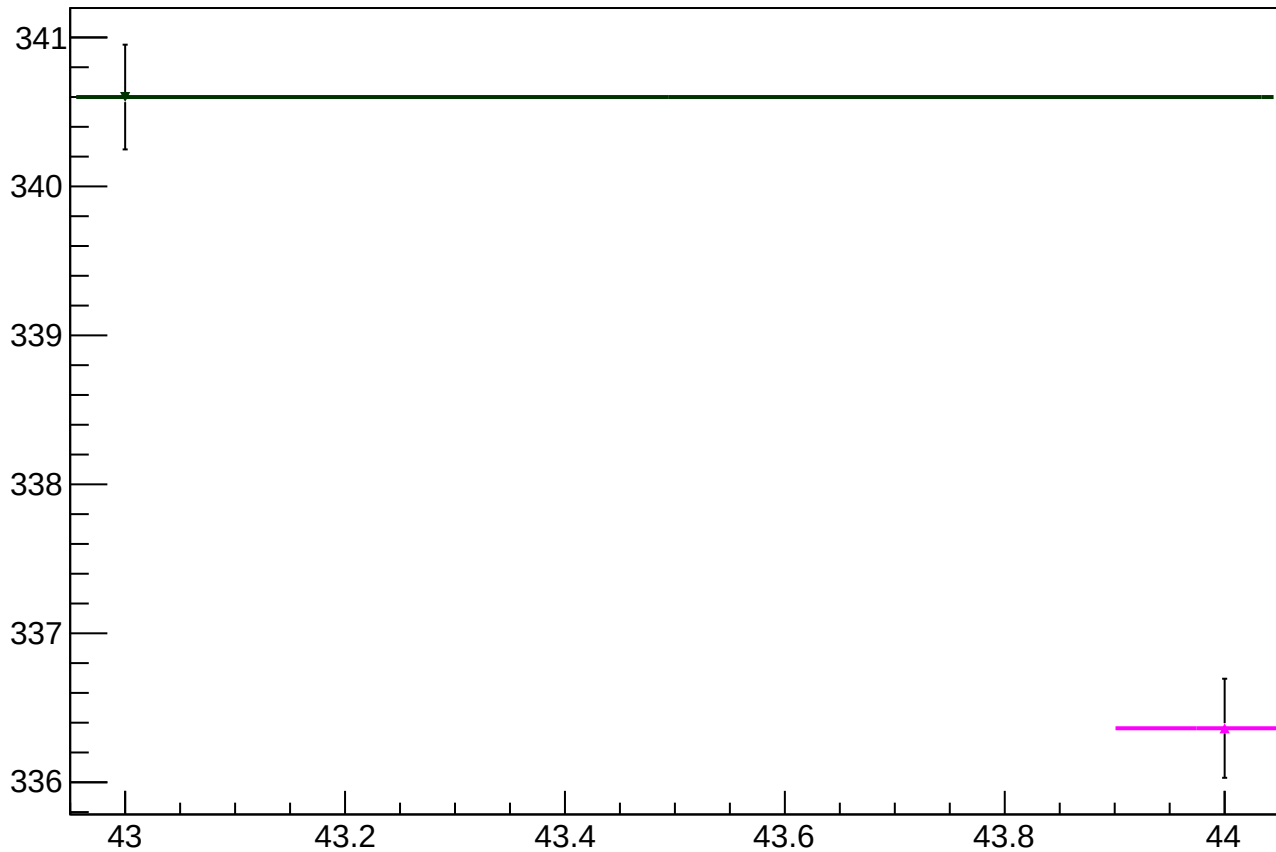
Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

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

-361.123+/-470.256 χ^2/NDF : 0.0/0

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

asym_ds_agg_av_rms vs slug



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

Left Out: 340.600+/-0.352 χ^2/NDF : 0.0/0

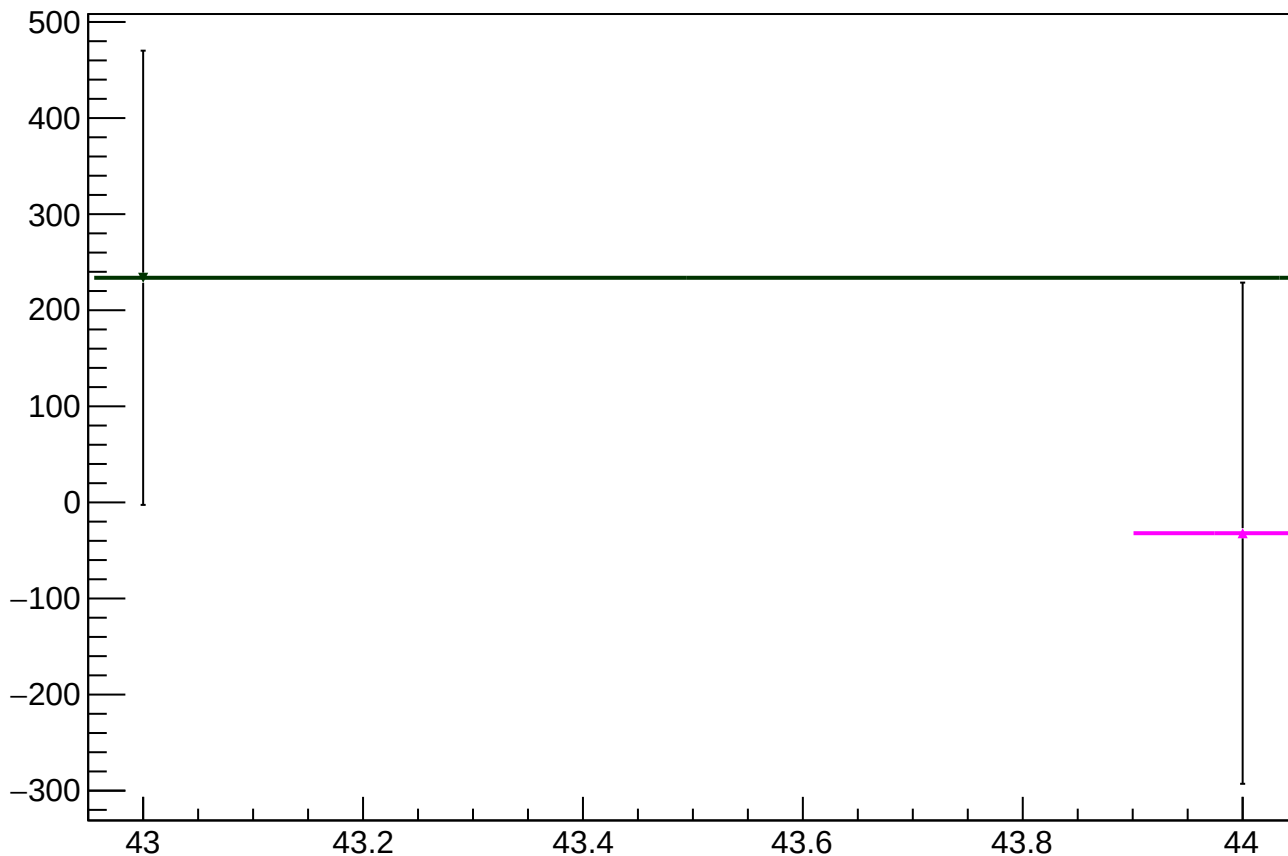
340.600+/-0.352 χ^2/NDF : 0.0/0

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

336.363+/-0.333 χ^2/NDF : 0.0/0

Left In: 336.363+/-0.333 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 233.776+/-236.364 χ^2 /NDF: 0.0/0

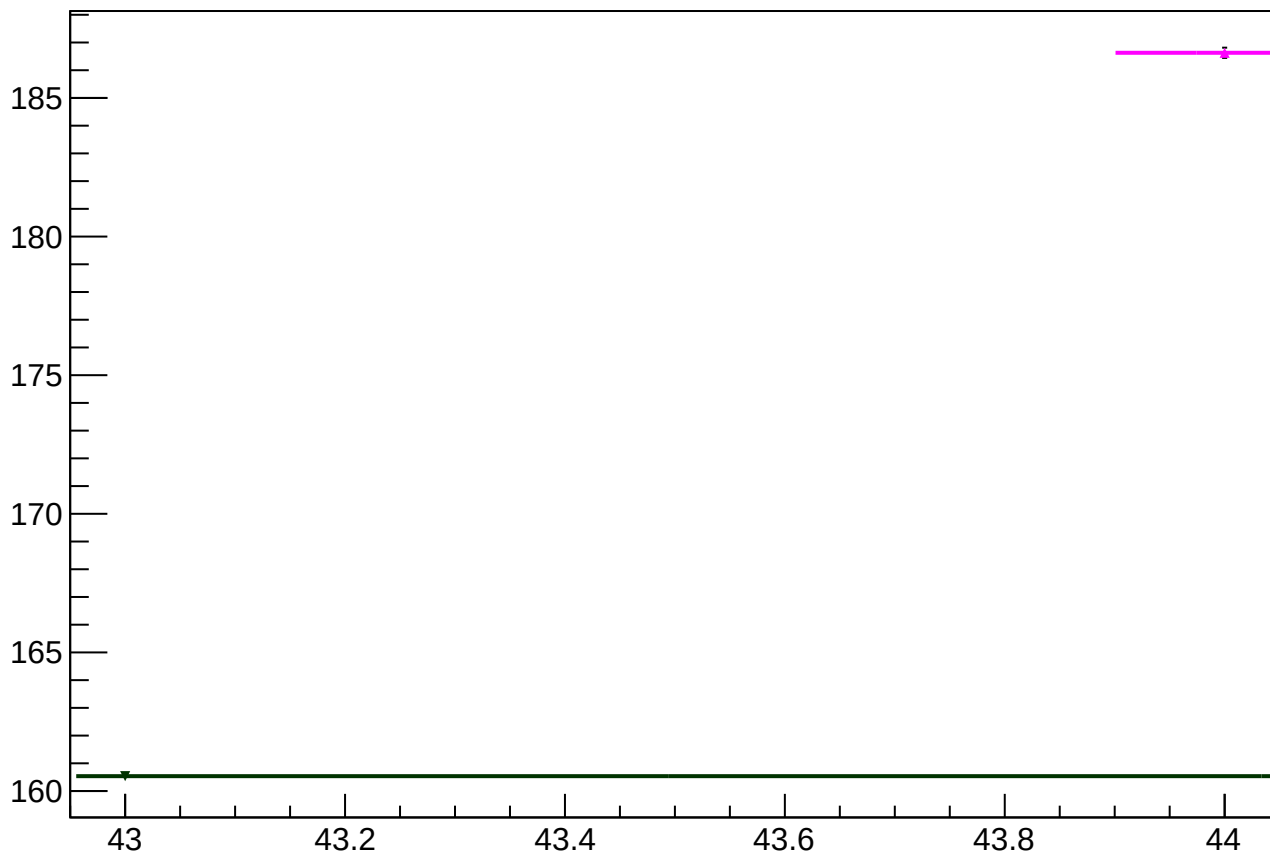
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -32.051+/-260.803 χ^2 /NDF: 0.0/0

233.776+/-236.364 χ^2 /NDF: 0.0/0

-32.051+/-260.803 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 160.536 $\pm$ 0.167 χ^2/NDF : 0.0/0

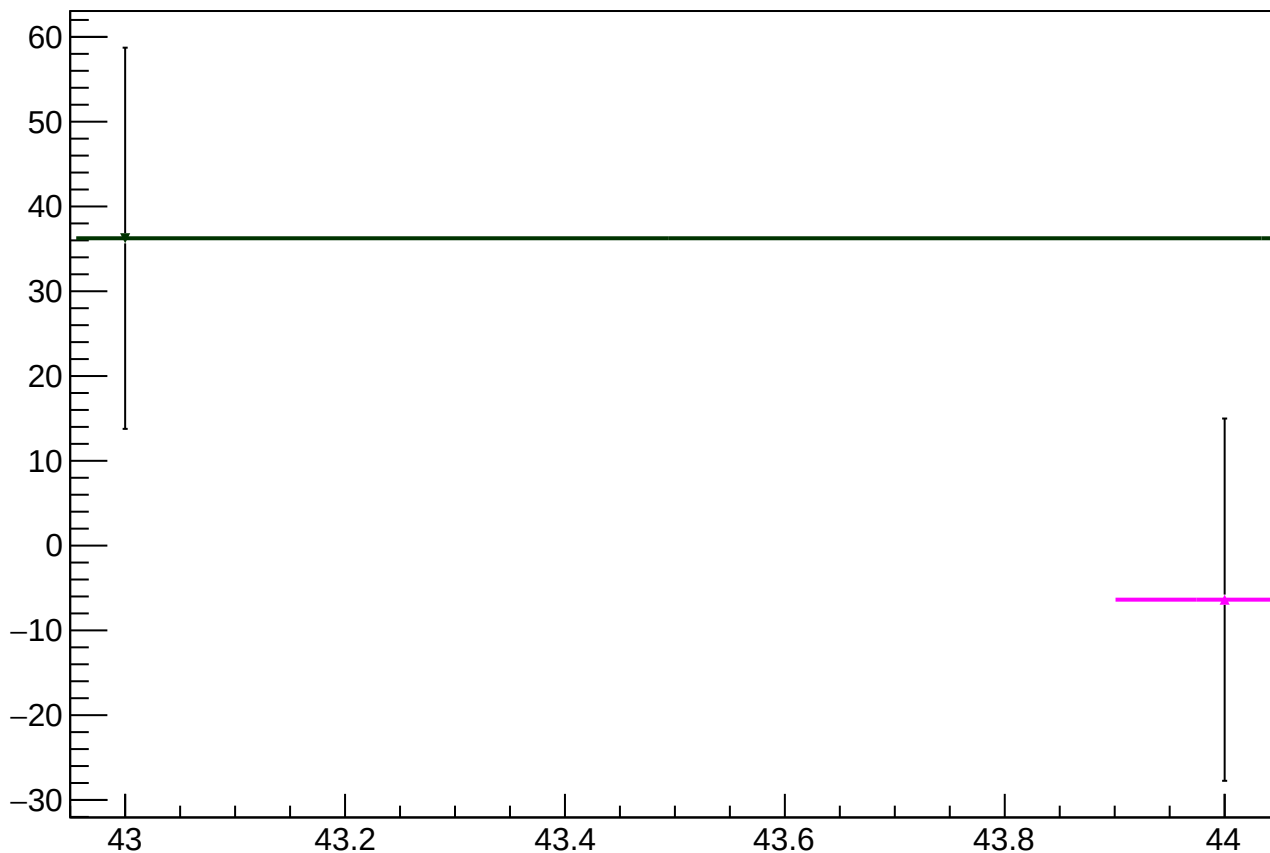
160.536 $\pm$ 0.167 χ^2/NDF : 0.0/0

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

186.629 $\pm$ 0.184 χ^2/NDF : 0.0/0

Left In: 186.629 $\pm$ 0.184 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 36.249+/-22.481 χ^2/NDF : 0.0/0

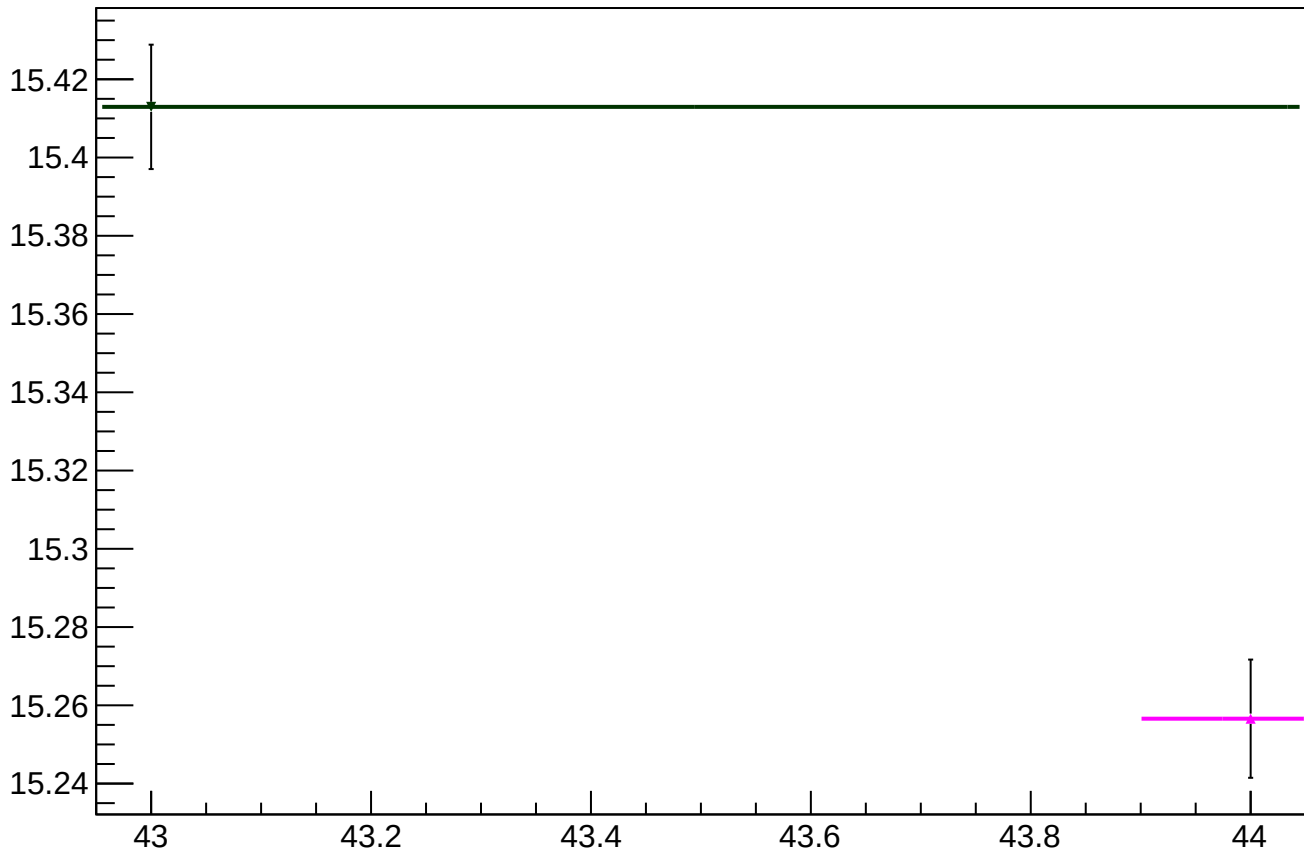
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.377+/-21.365 χ^2/NDF : 0.0/0

36.249+/-22.481 χ^2/NDF : 0.0/0

-6.377+/-21.365 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 15.413+/-0.016 χ^2/NDF : 0.0/0

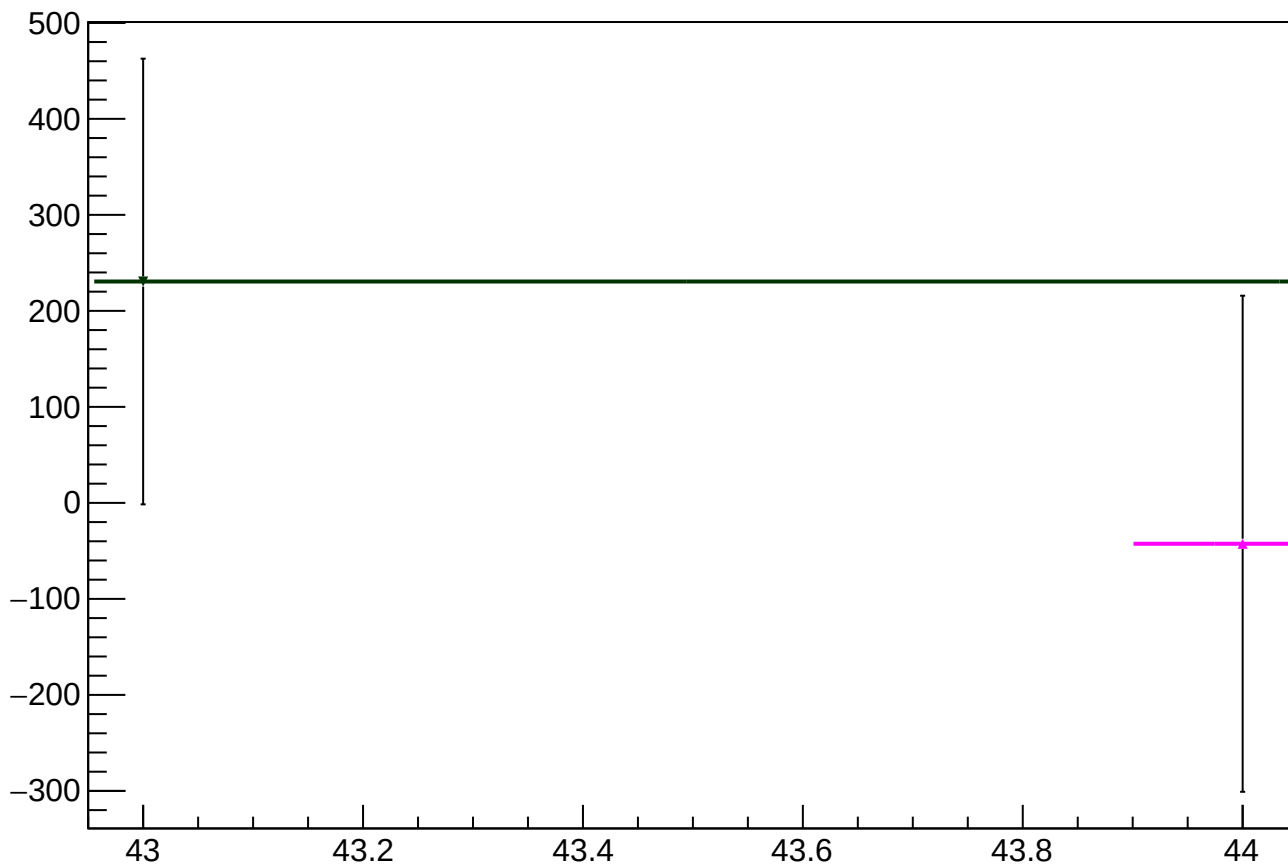
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.257+/-0.015 χ^2/NDF : 0.0/0

15.413+/-0.016 χ^2/NDF : 0.0/0

15.257+/-0.015 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 230.569+/-232.106 χ^2/NDF : 0.0/0

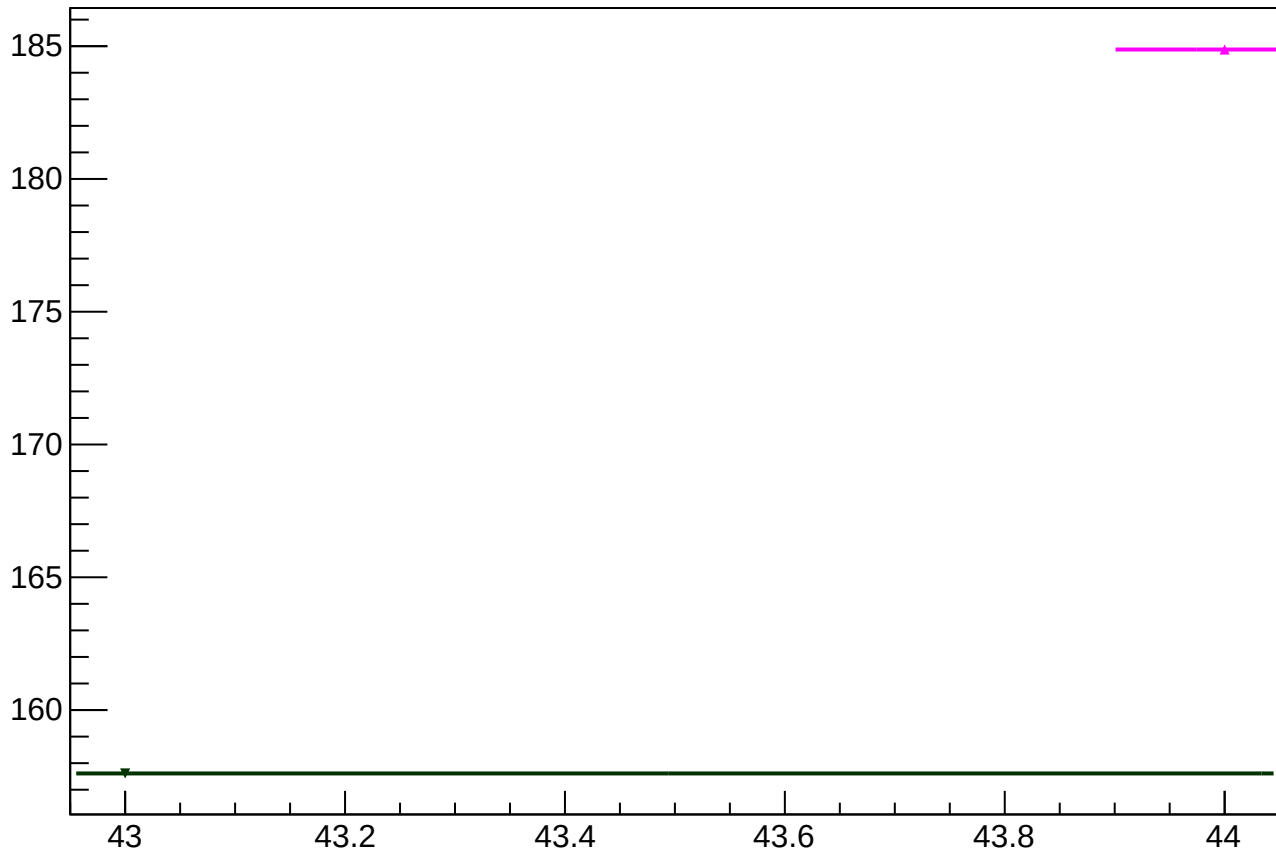
230.569+/-232.106 χ^2/NDF : 0.0/0

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

-42.573+/-258.353 χ^2/NDF : 0.0/0

Left In: -42.573+/-258.353 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 157.613+/-0.164 χ^2/NDF : 0.0/0

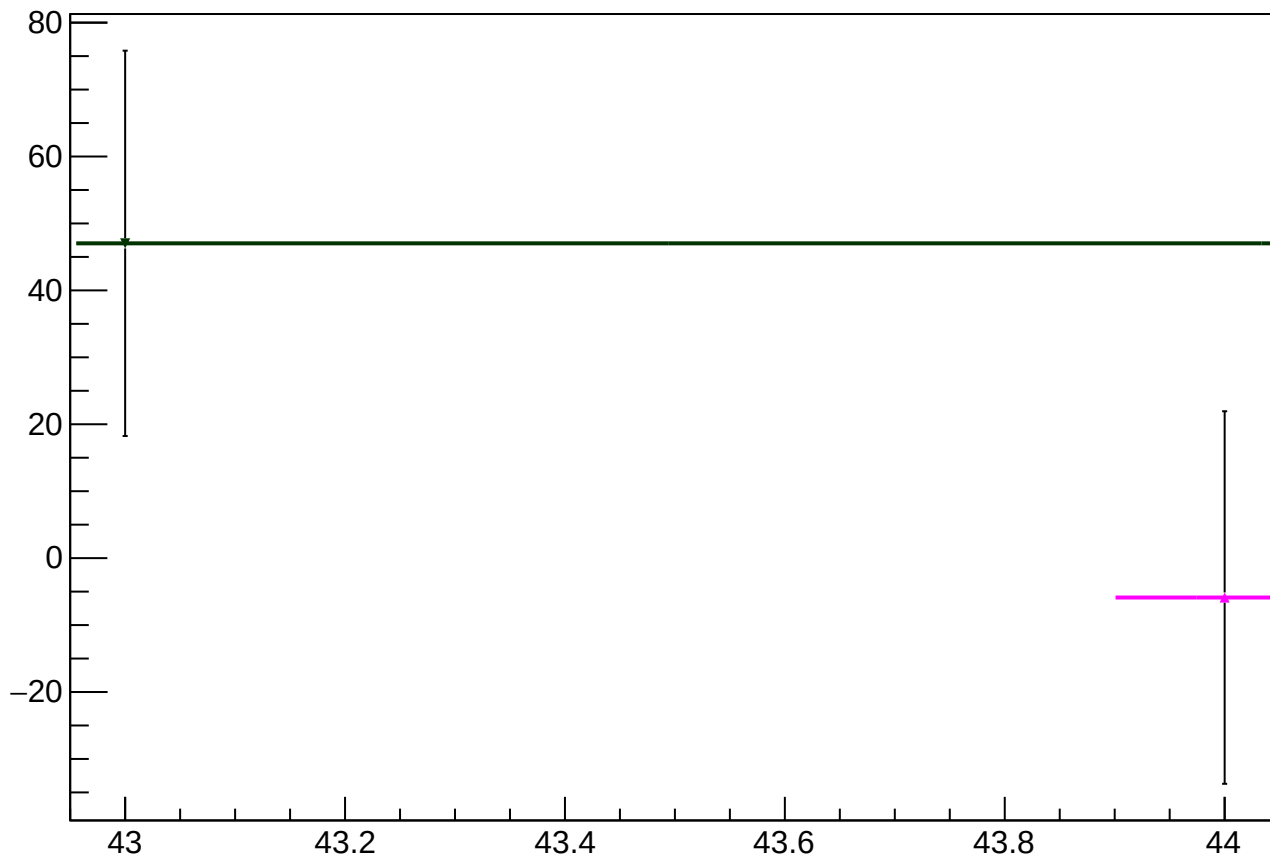
157.613+/-0.164 χ^2/NDF : 0.0/0

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

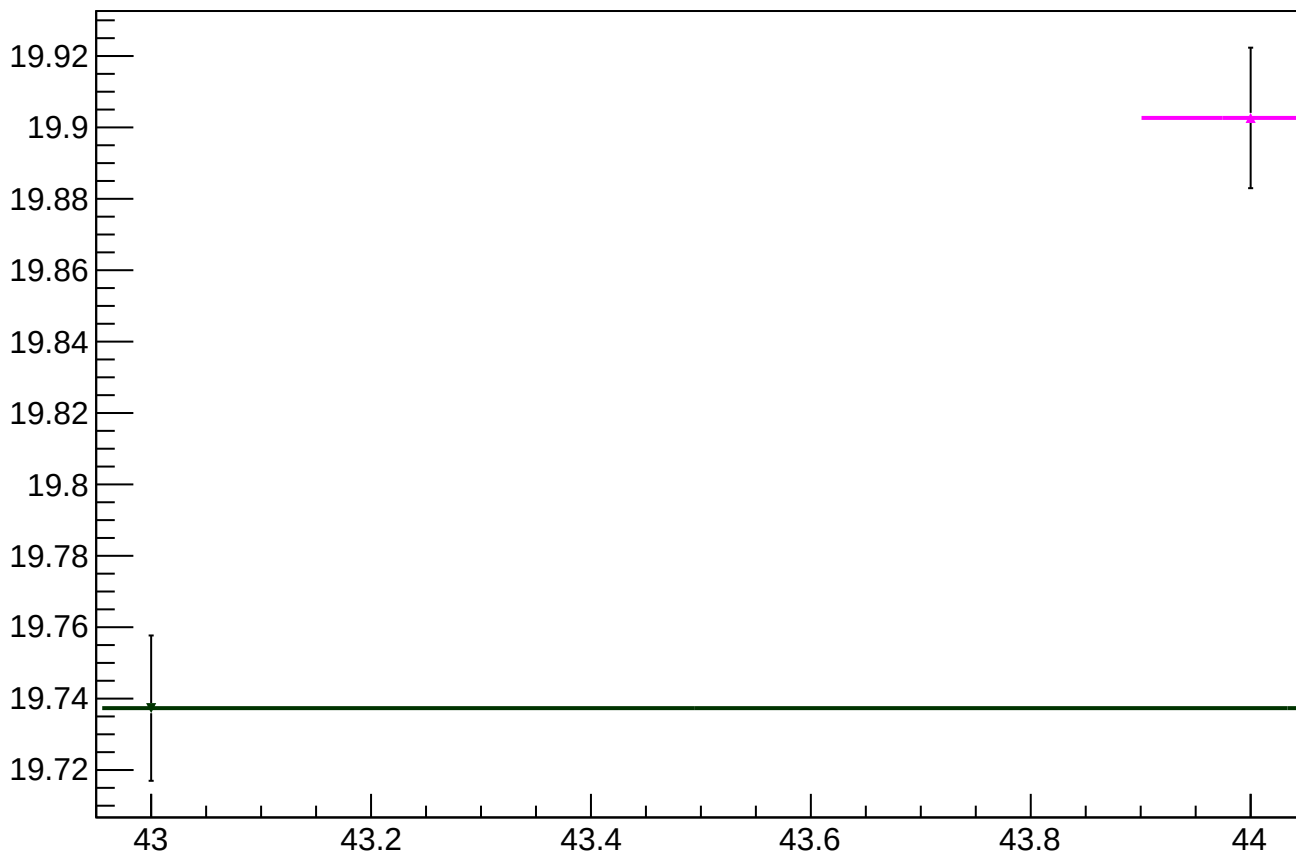
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 19.737+/-0.020 χ^2 /NDF: 0.0/0

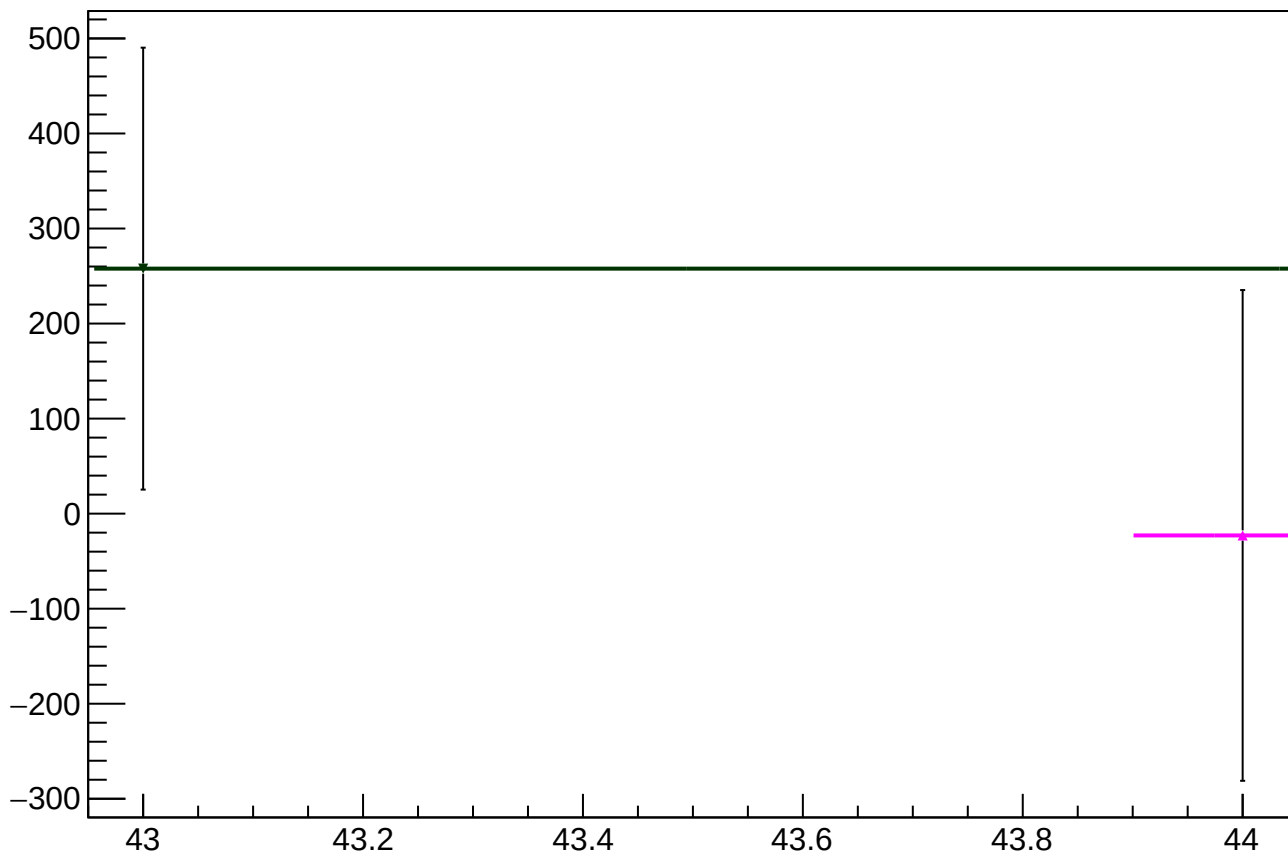
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 19.903+/-0.020 χ^2 /NDF: 0.0/0

19.737+/-0.020 χ^2 /NDF: 0.0/0

19.903+/-0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



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

257.793+/-232.498 χ^2 /NDF: 0.0/0

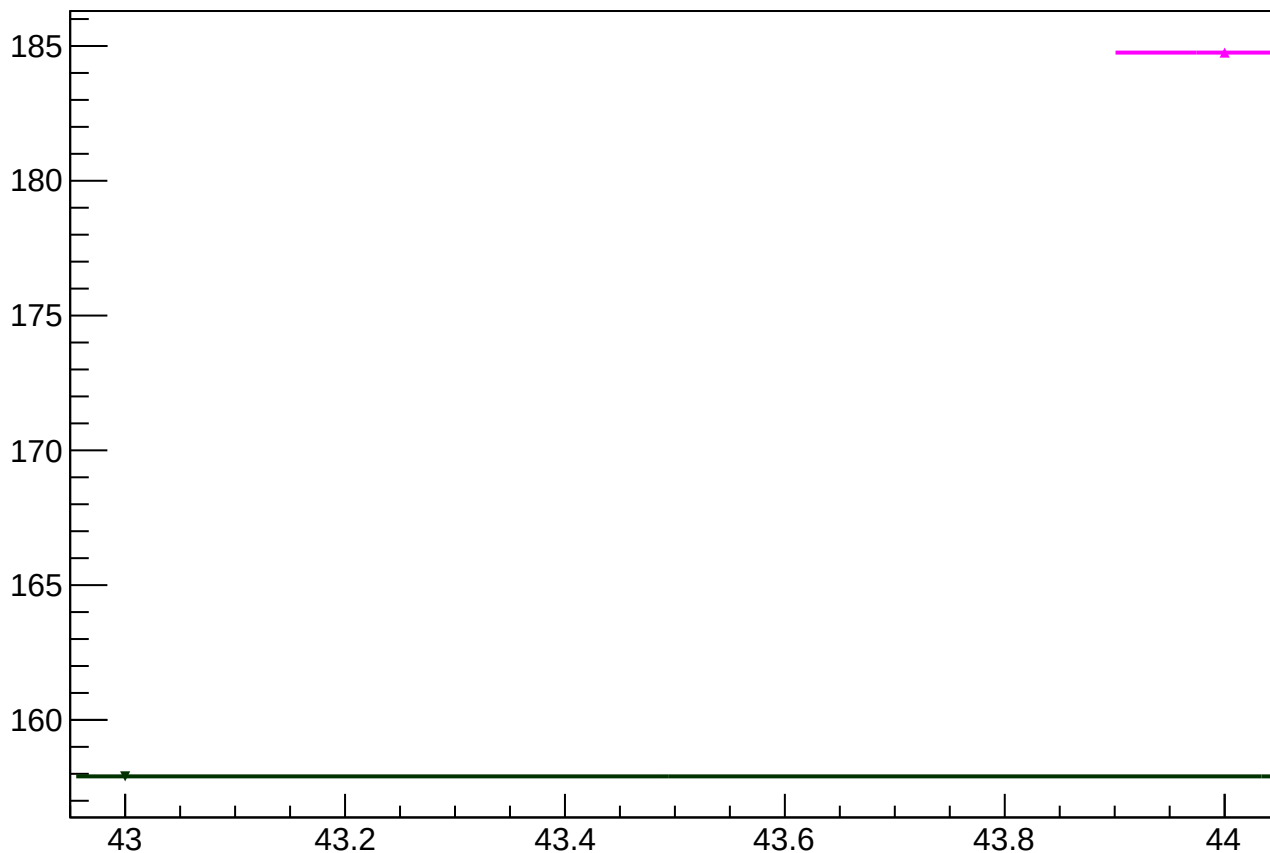
Left Out: 257.793+/-232.498 χ^2 /NDF: 0.0/0

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

-22.928+/-258.180 χ^2 /NDF: 0.0/0

Left In: -22.928+/-258.180 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 157.905+/-0.164 χ^2/NDF : 0.0/0

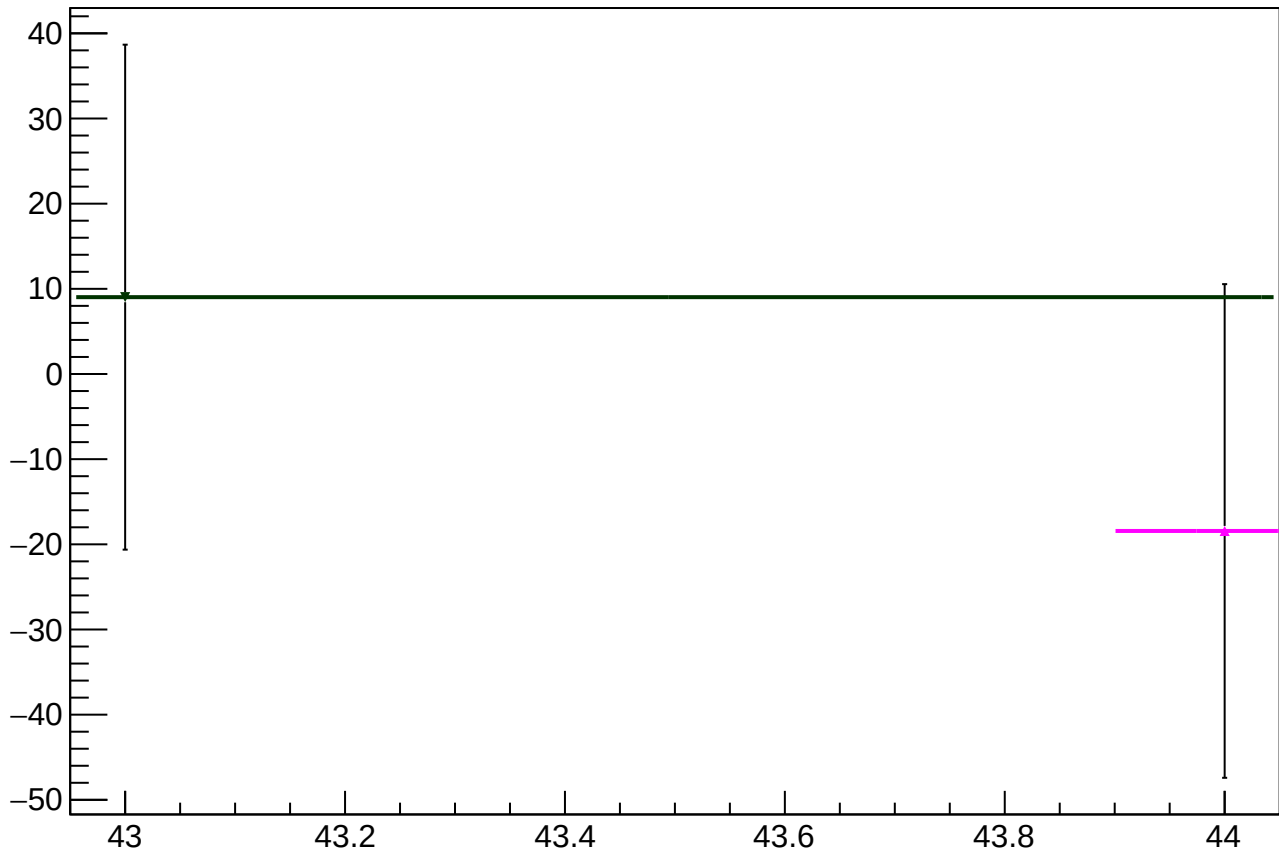
157.905+/-0.164 χ^2/NDF : 0.0/0

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

184.755+/-0.183 χ^2/NDF : 0.0/0

Left In: 184.755+/-0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: 9.023+/-29.646 χ^2 /NDF: 0.0/0

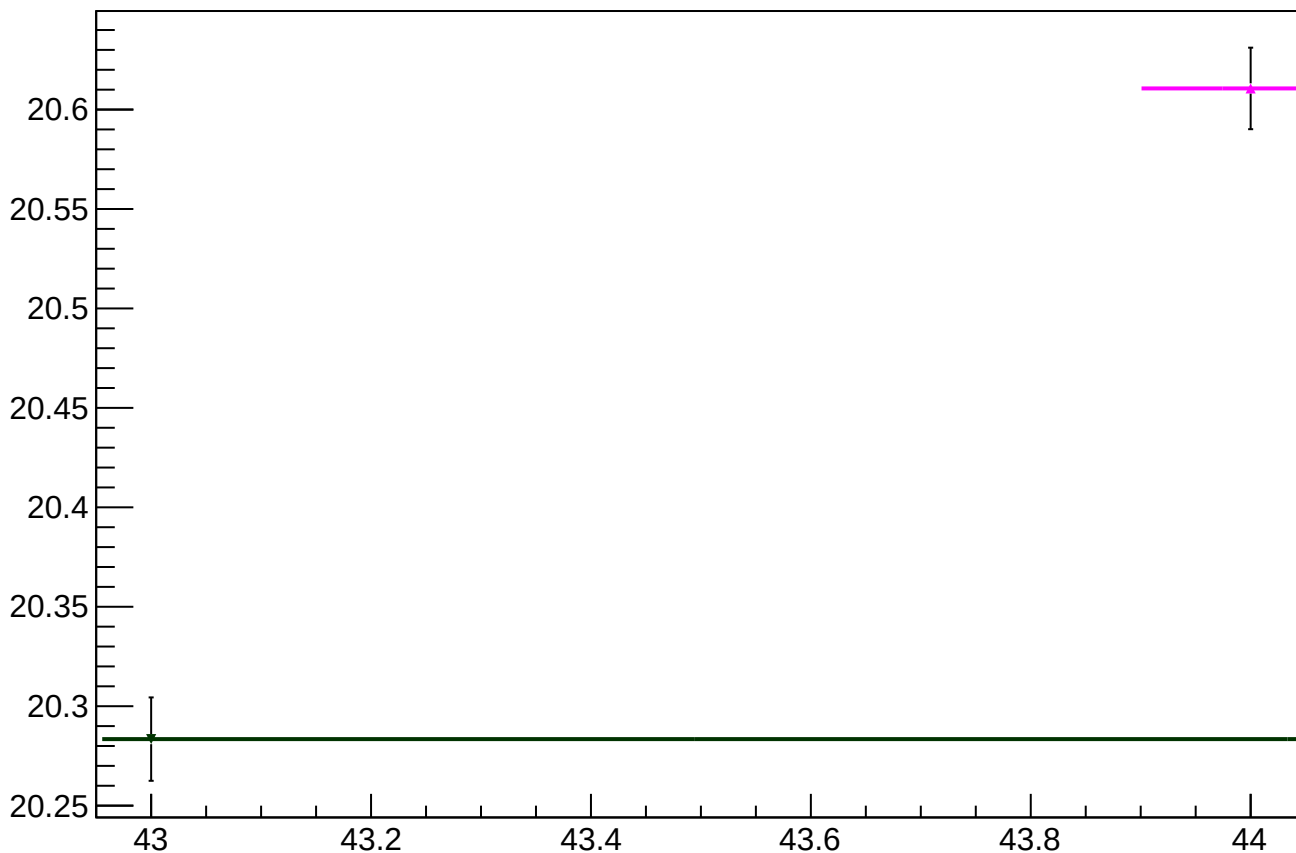
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.430+/-28.983 χ^2 /NDF: 0.0/0

9.023+/-29.646 χ^2 /NDF: 0.0/0

-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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.283+/-0.021 χ^2/NDF : 0.0/0

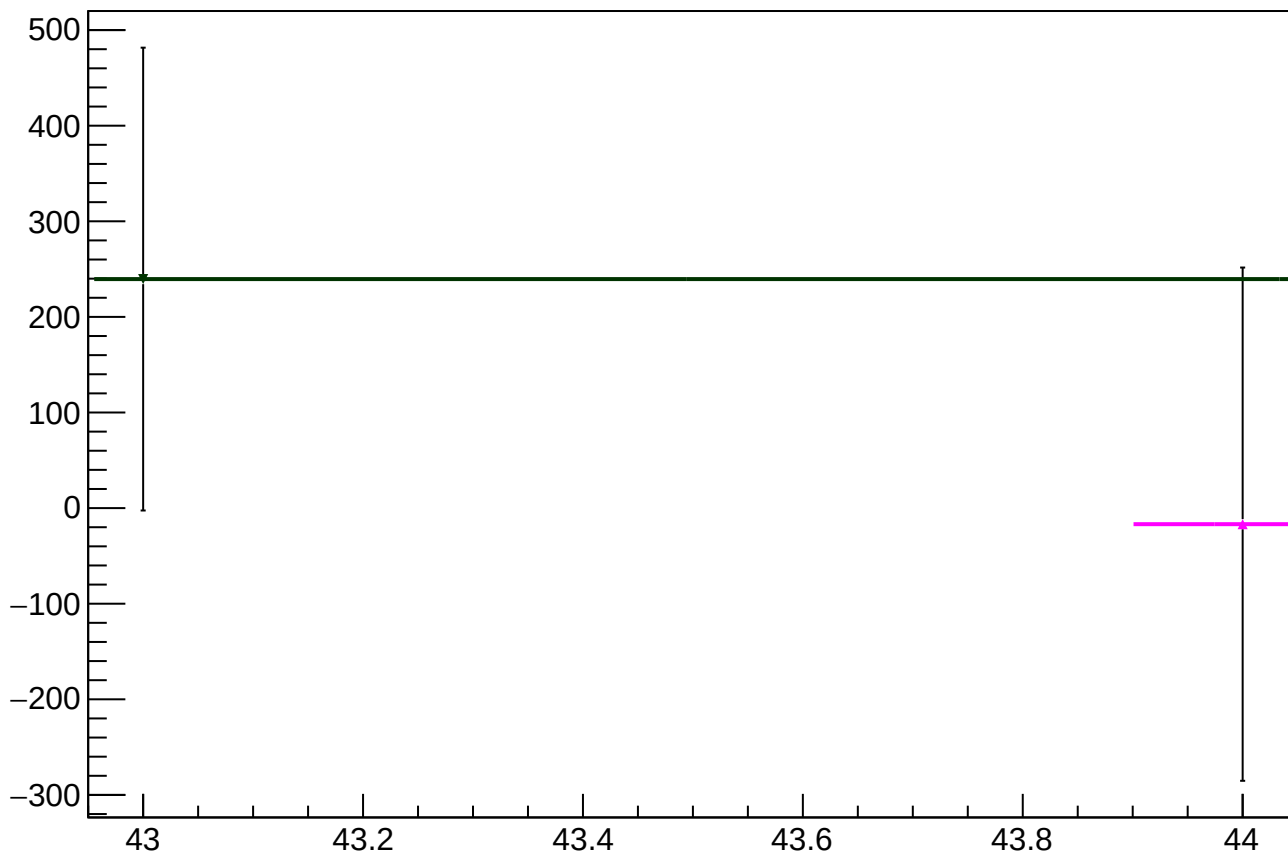
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.611+/-0.020 χ^2/NDF : 0.0/0

20.283+/-0.021 χ^2/NDF : 0.0/0

20.611+/-0.020 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



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

Left Out: 239.549+/-242.055 χ^2/NDF : 0.0/0

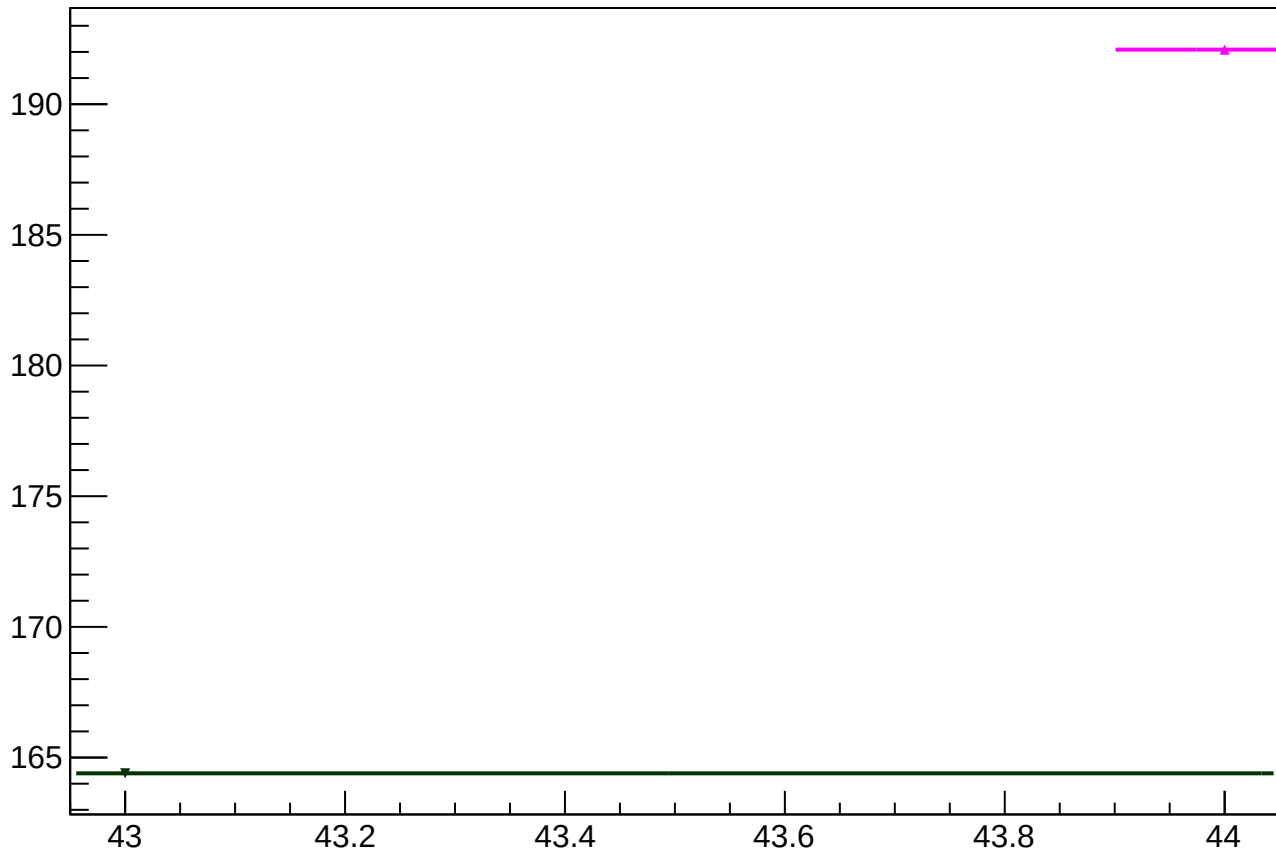
239.549+/-242.055 χ^2/NDF : 0.0/0

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

-16.805+/-268.428 χ^2/NDF : 0.0/0

Left In: -16.805+/-268.428 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 164.396+/-0.171 χ^2/NDF : 0.0/0

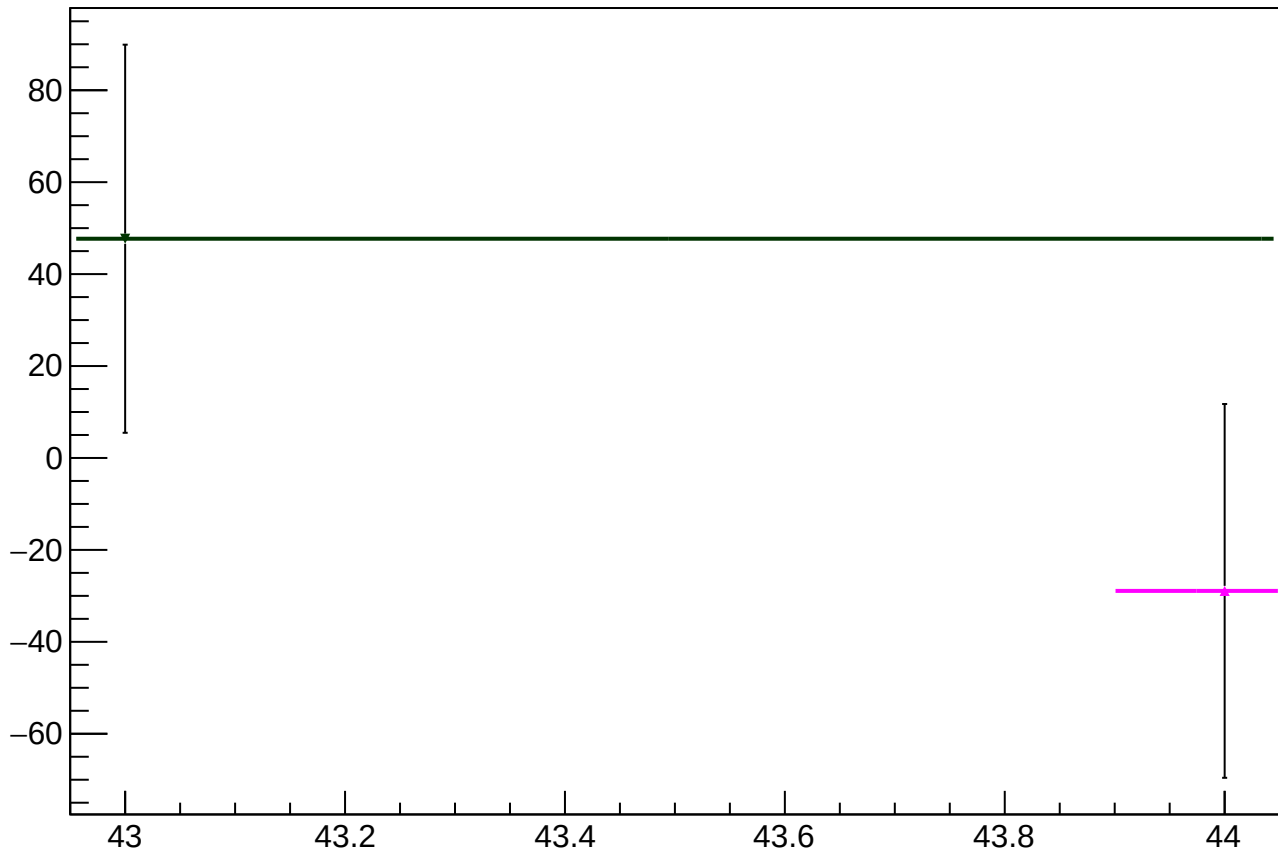
164.396+/-0.171 χ^2/NDF : 0.0/0

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

192.088+/-0.190 χ^2/NDF : 0.0/0

Left In: 192.088+/-0.190 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: 47.694+/-42.218 χ^2 /NDF: 0.0/0

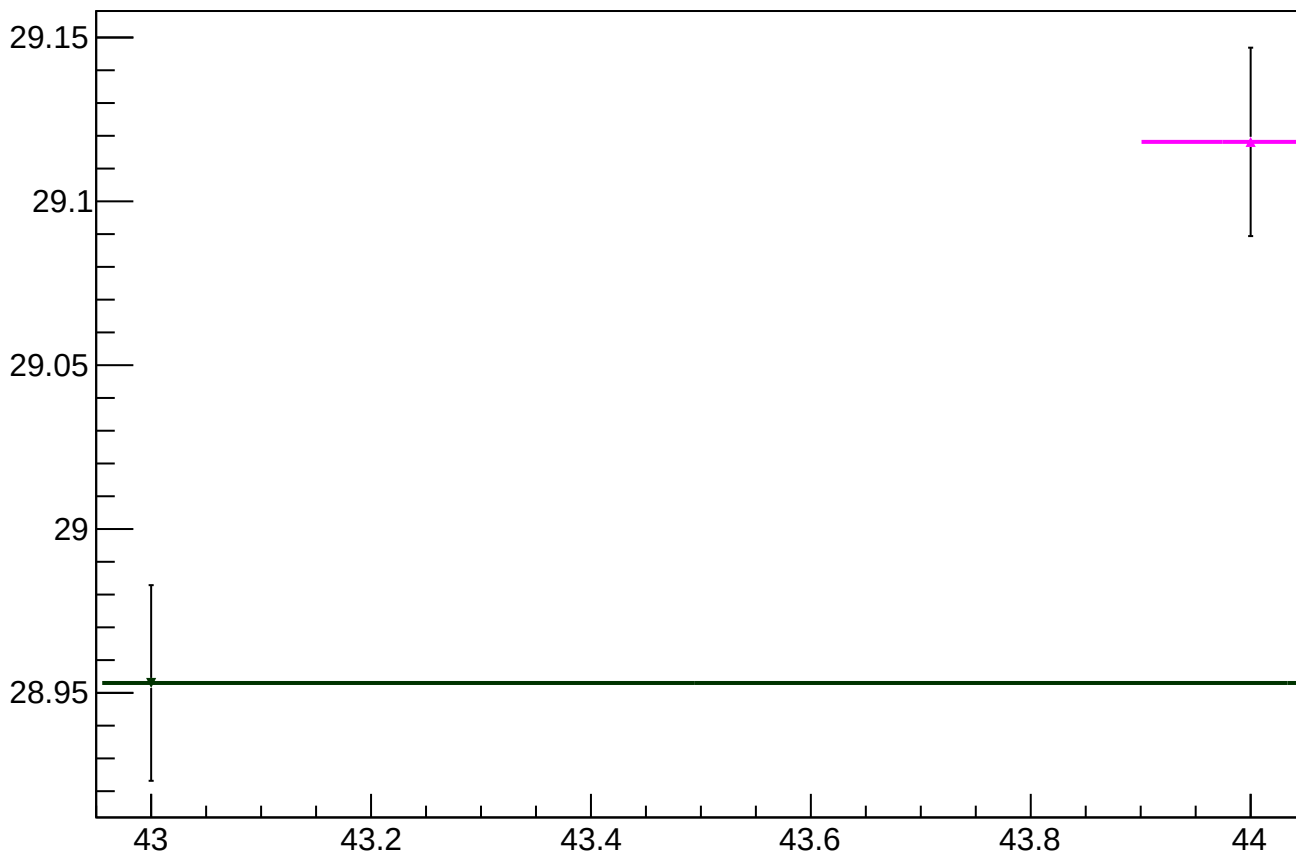
47.694+/-42.218 χ^2 /NDF: 0.0/0

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

-28.921+/-40.658 χ^2 /NDF: 0.0/0

Left In: -28.921+/-40.658 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 28.953+/-0.030 χ^2/NDF : 0.0/0

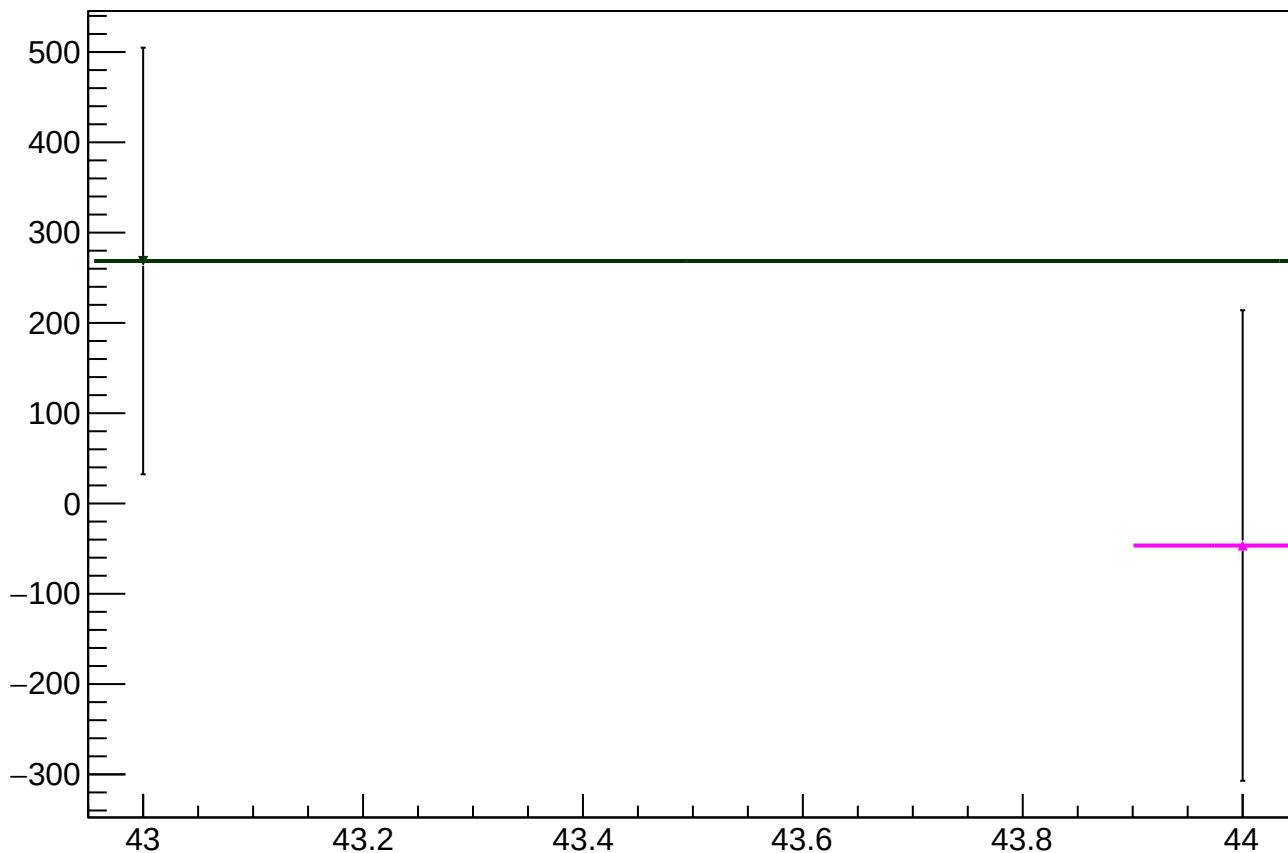
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

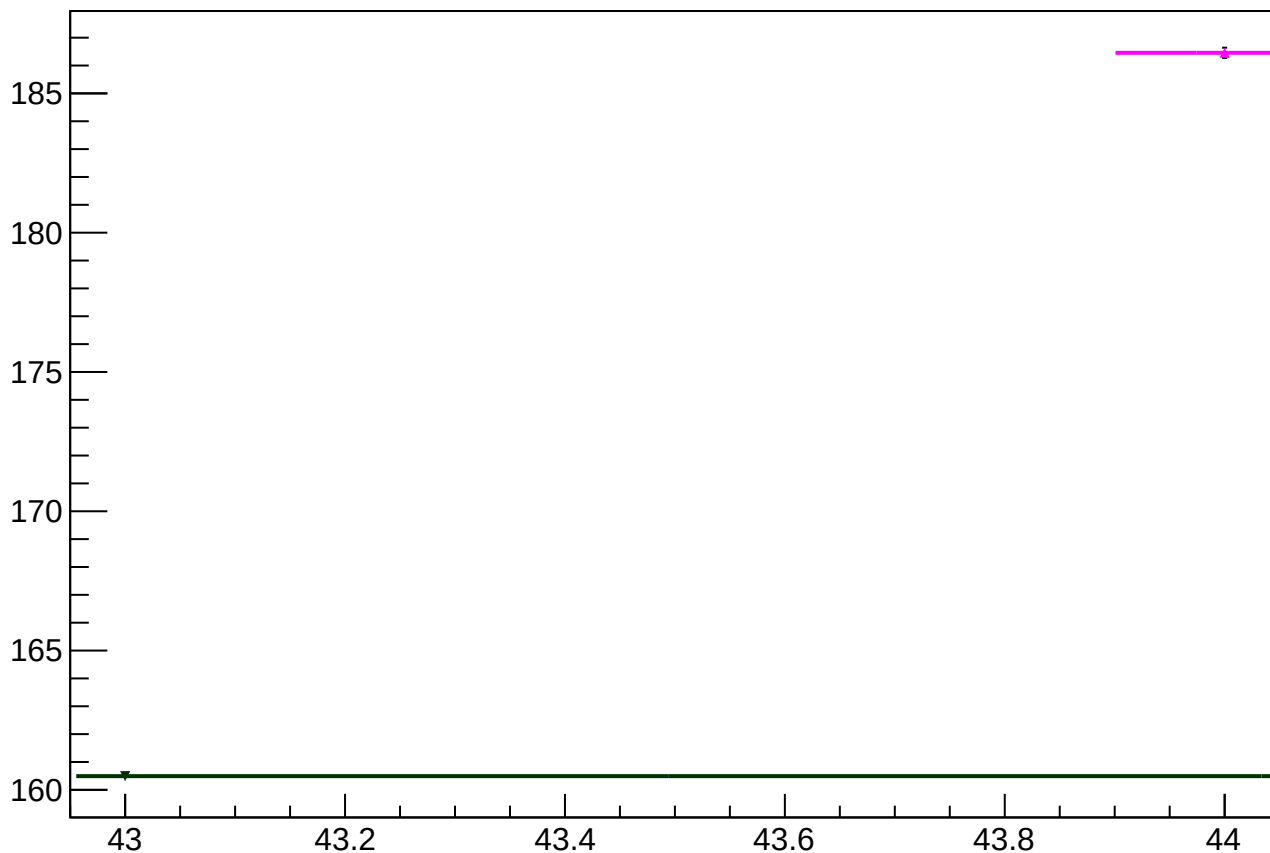
Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

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

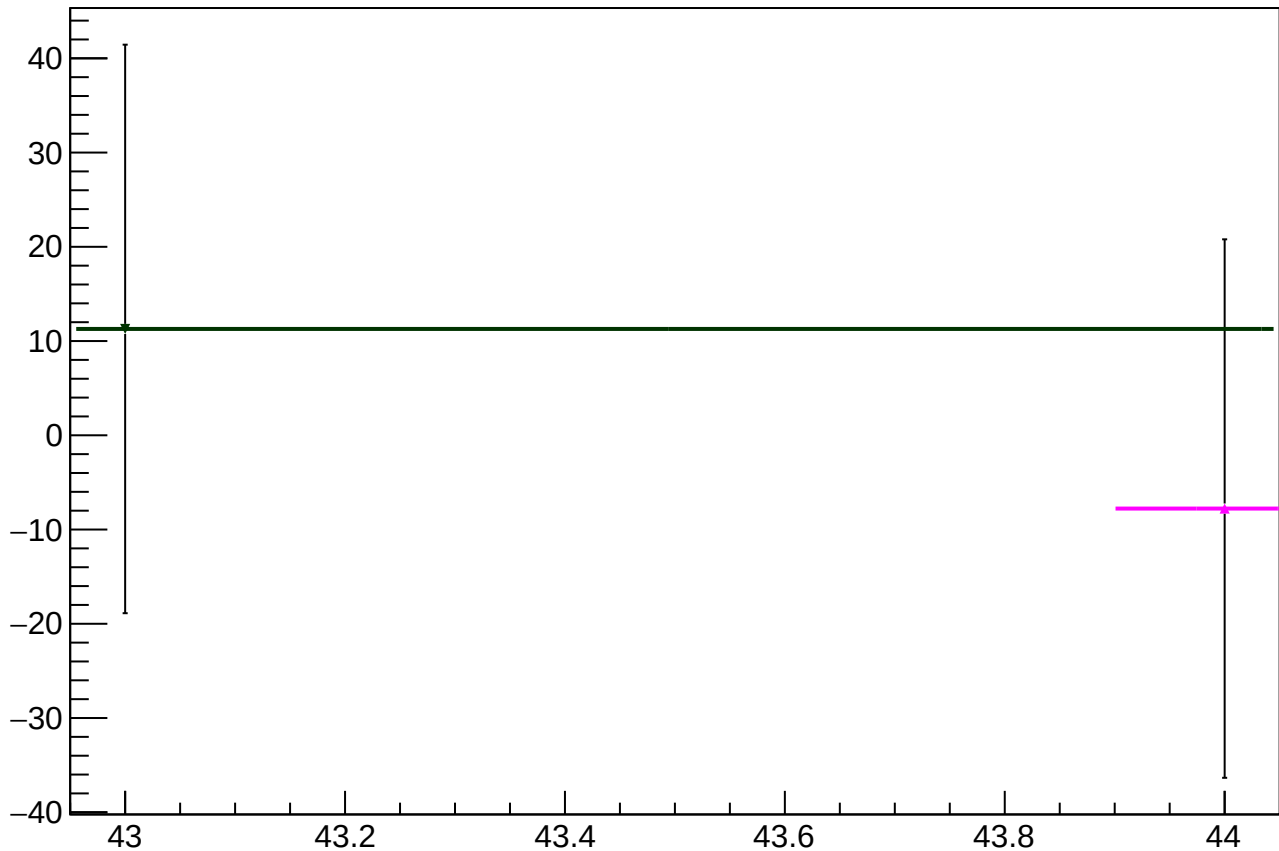
160.492+/-0.167 χ^2/NDF : 0.0/0

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

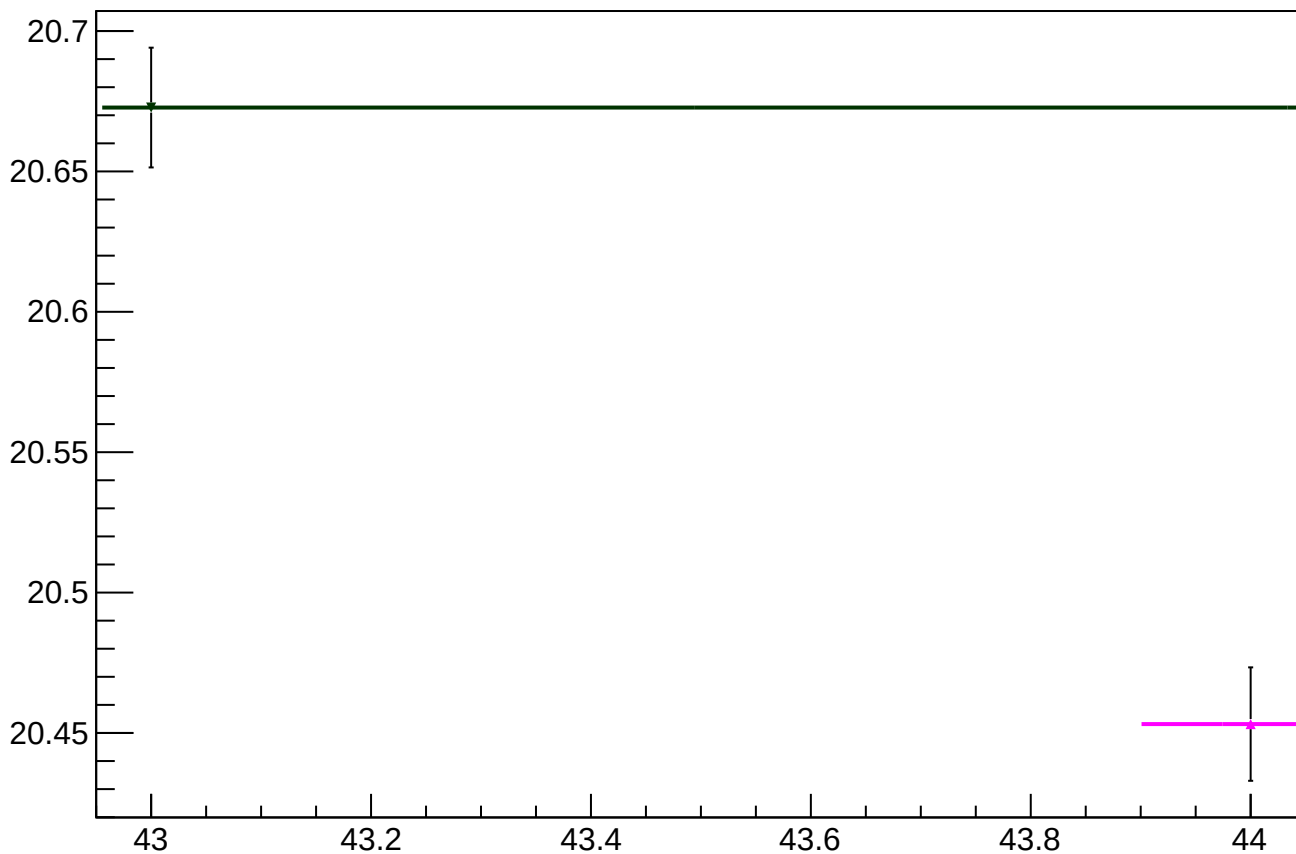
11.285+/-30.163 χ^2/NDF : 0.0/0

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

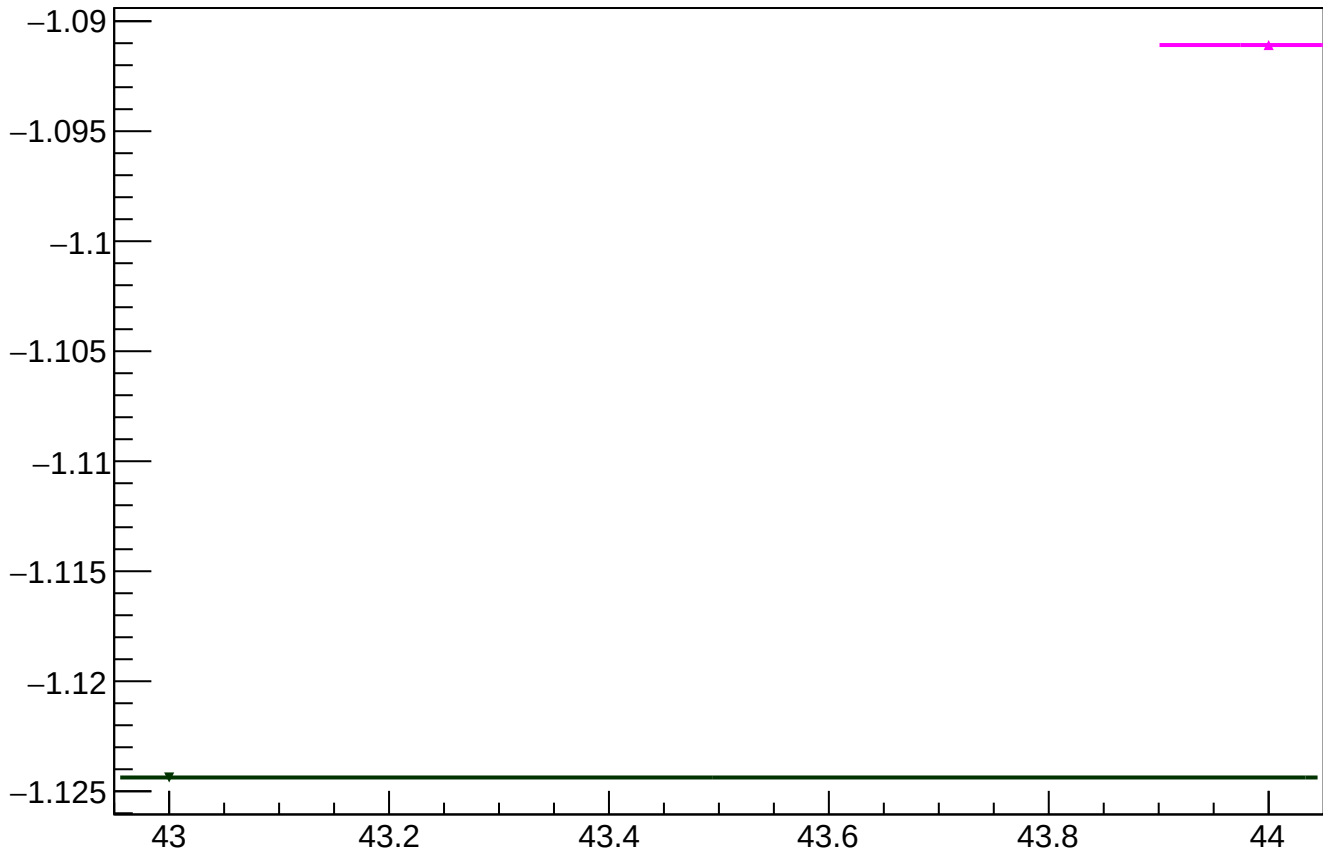
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

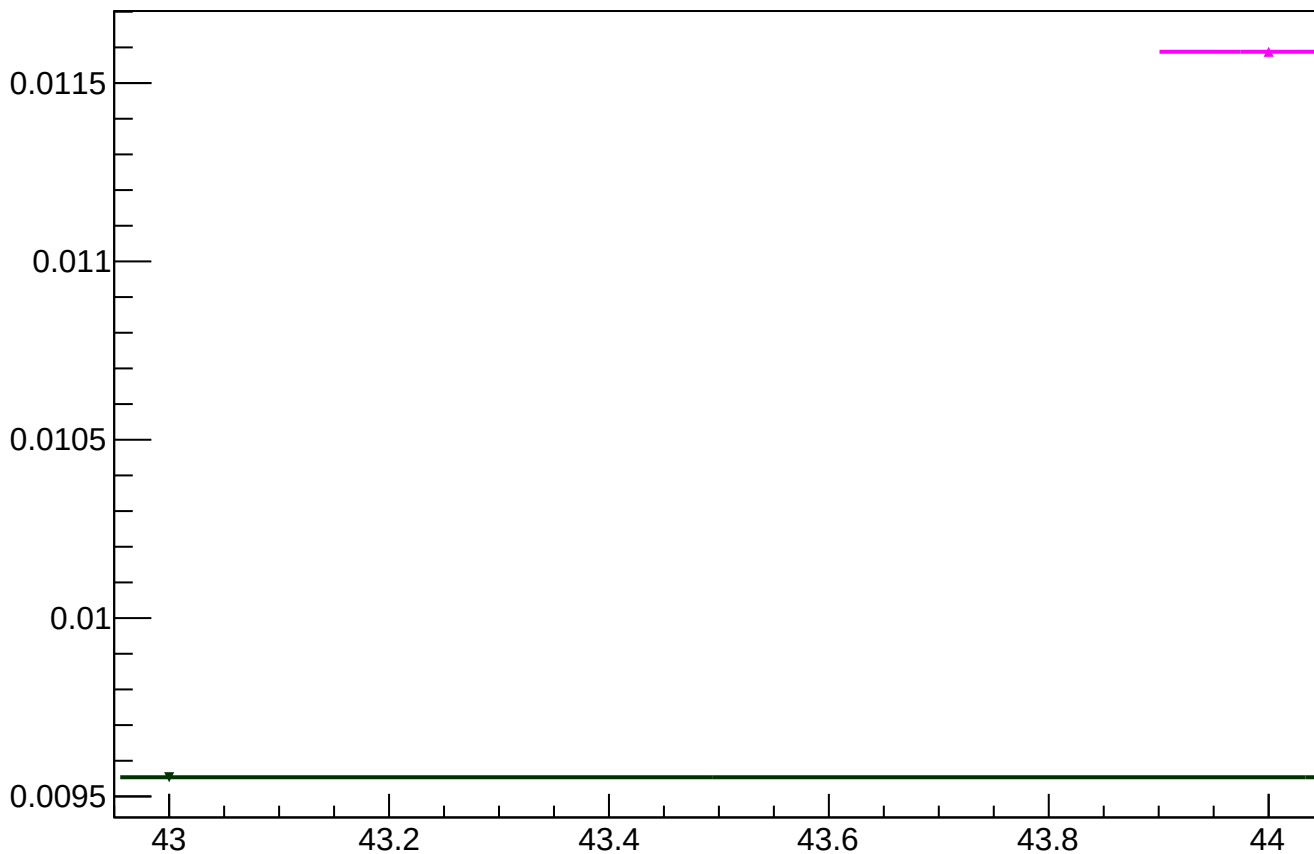
-1.124+/-0.000 χ^2 /NDF: 0.0/0

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

-1.091+/-0.000 χ^2 /NDF: 0.0/0

Left In: -1.091+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01X_rms vs slug



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

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

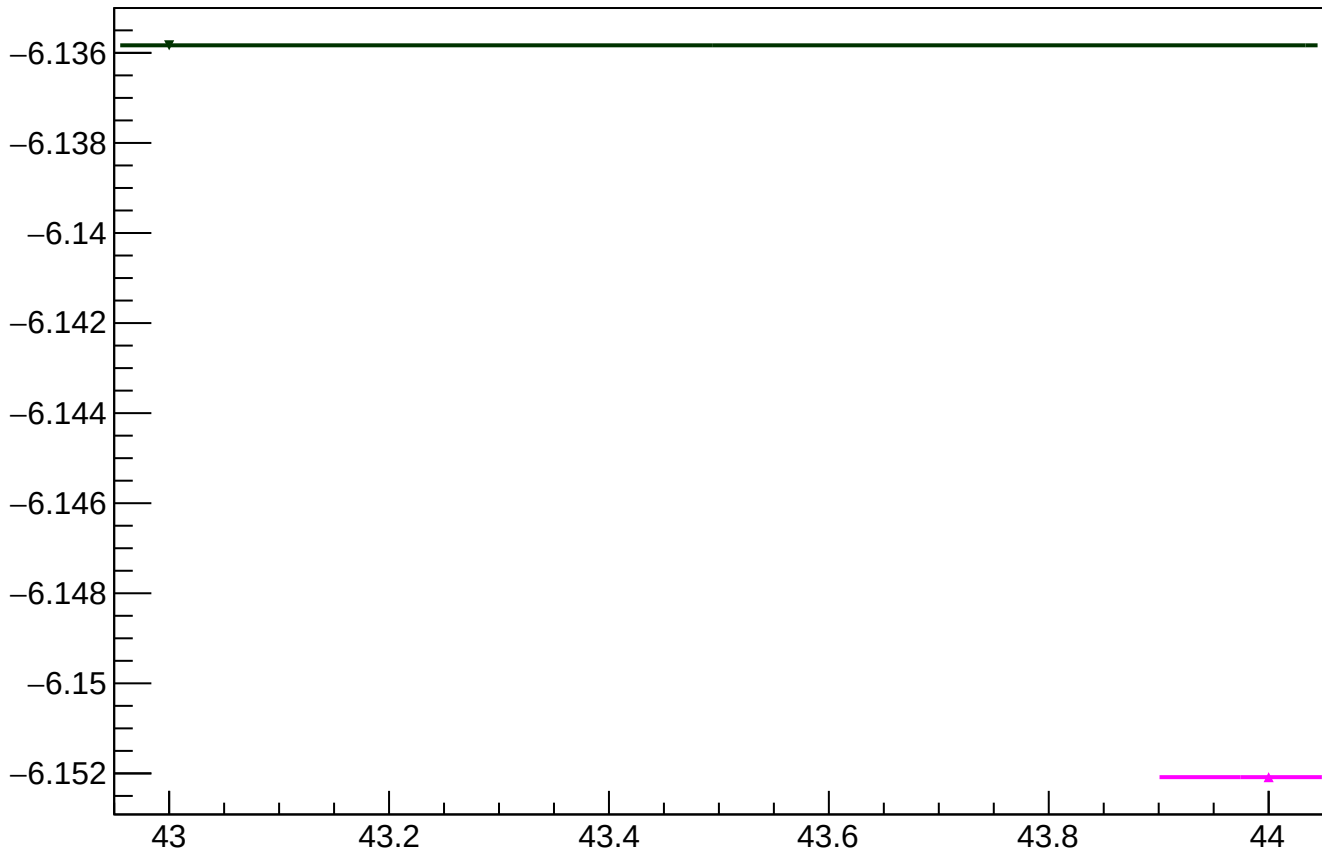
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



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

Left Out: -6.136+/-0.000 χ^2/NDF : 0.0/0

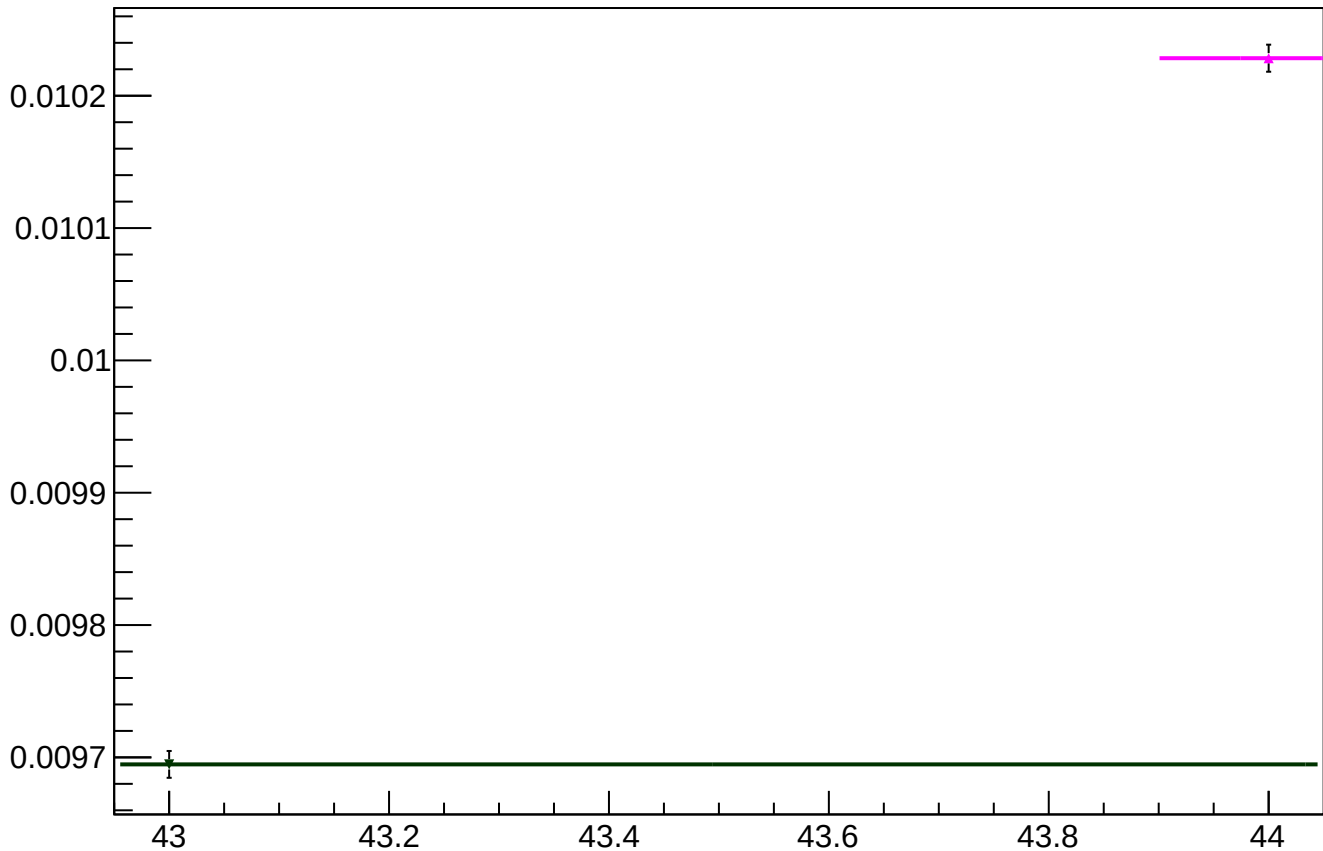
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 0.0/0

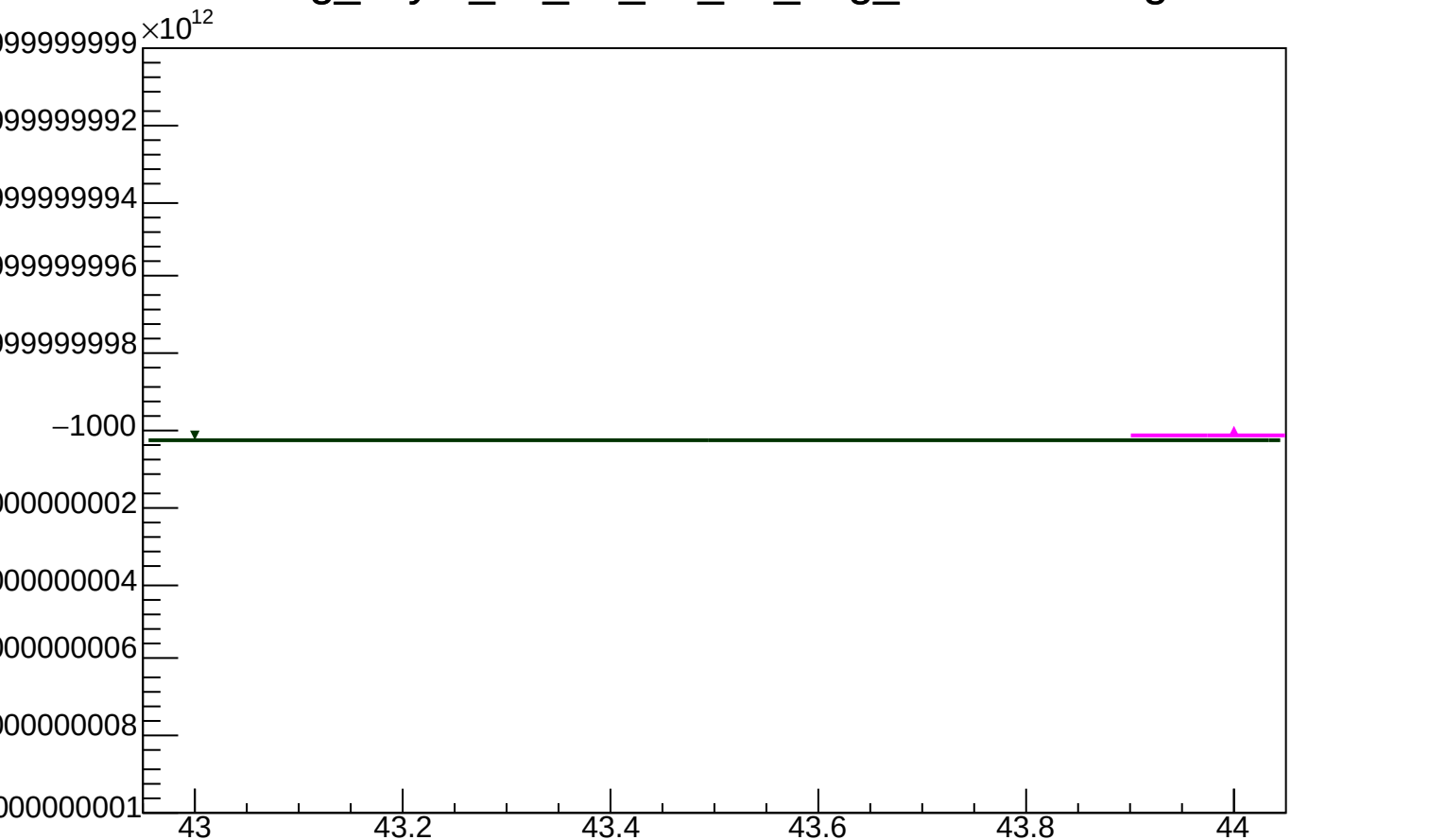
Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_atl_dd_atr_dd_avg_mean vs slug



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

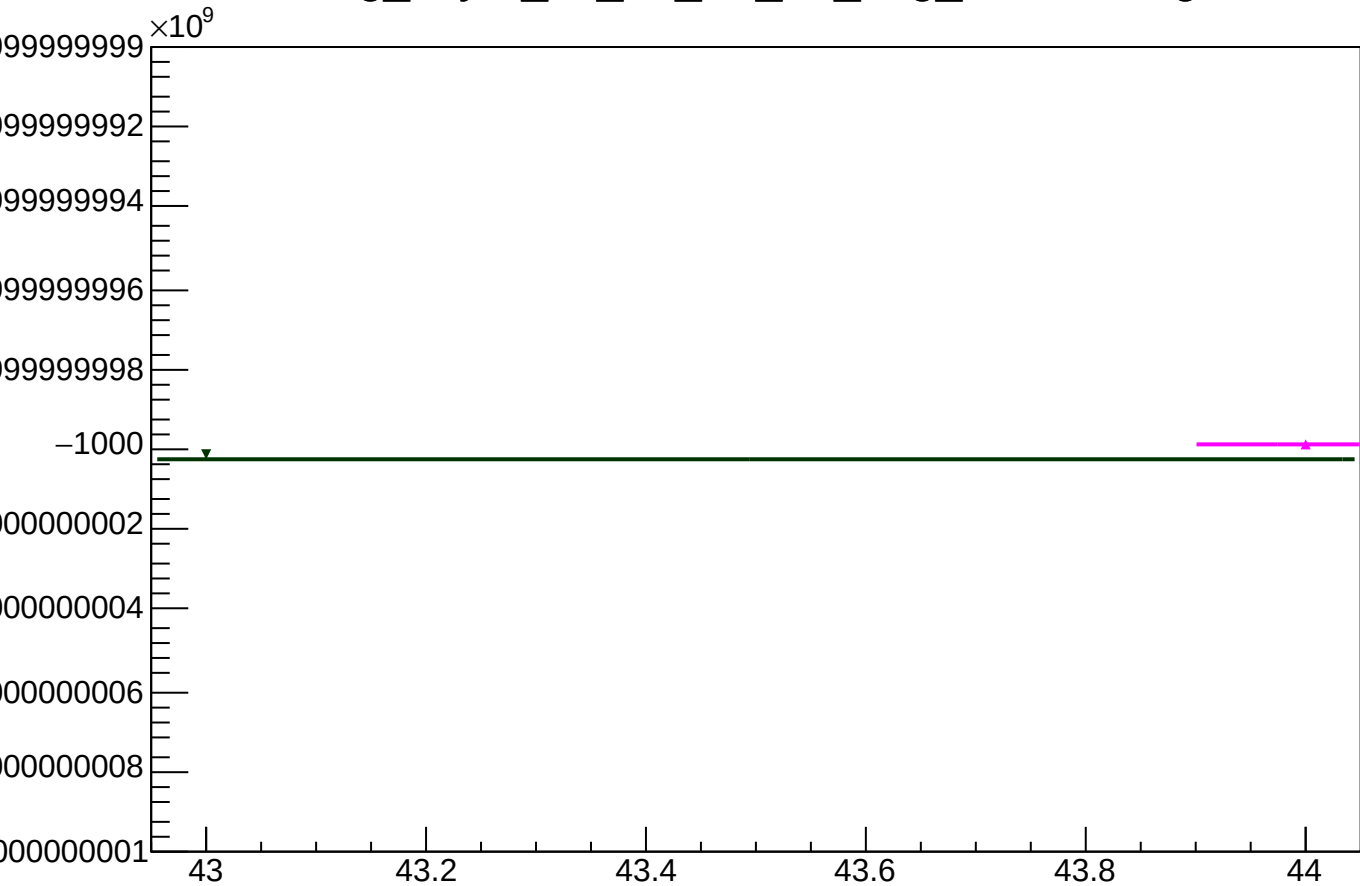
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -10000000000000000.125+/-0.140 χ^2/NDF :0.8/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

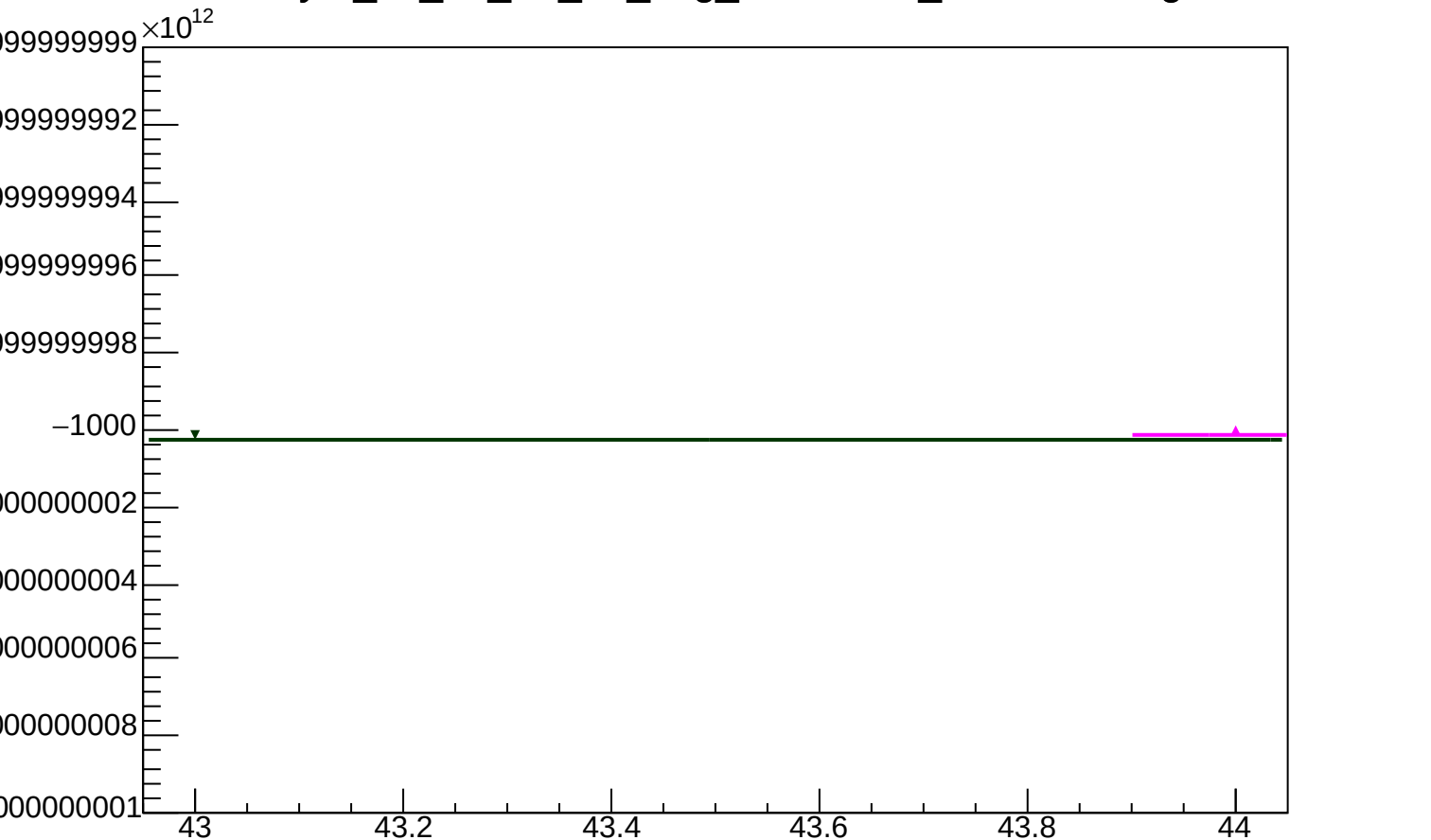
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_mean vs slug



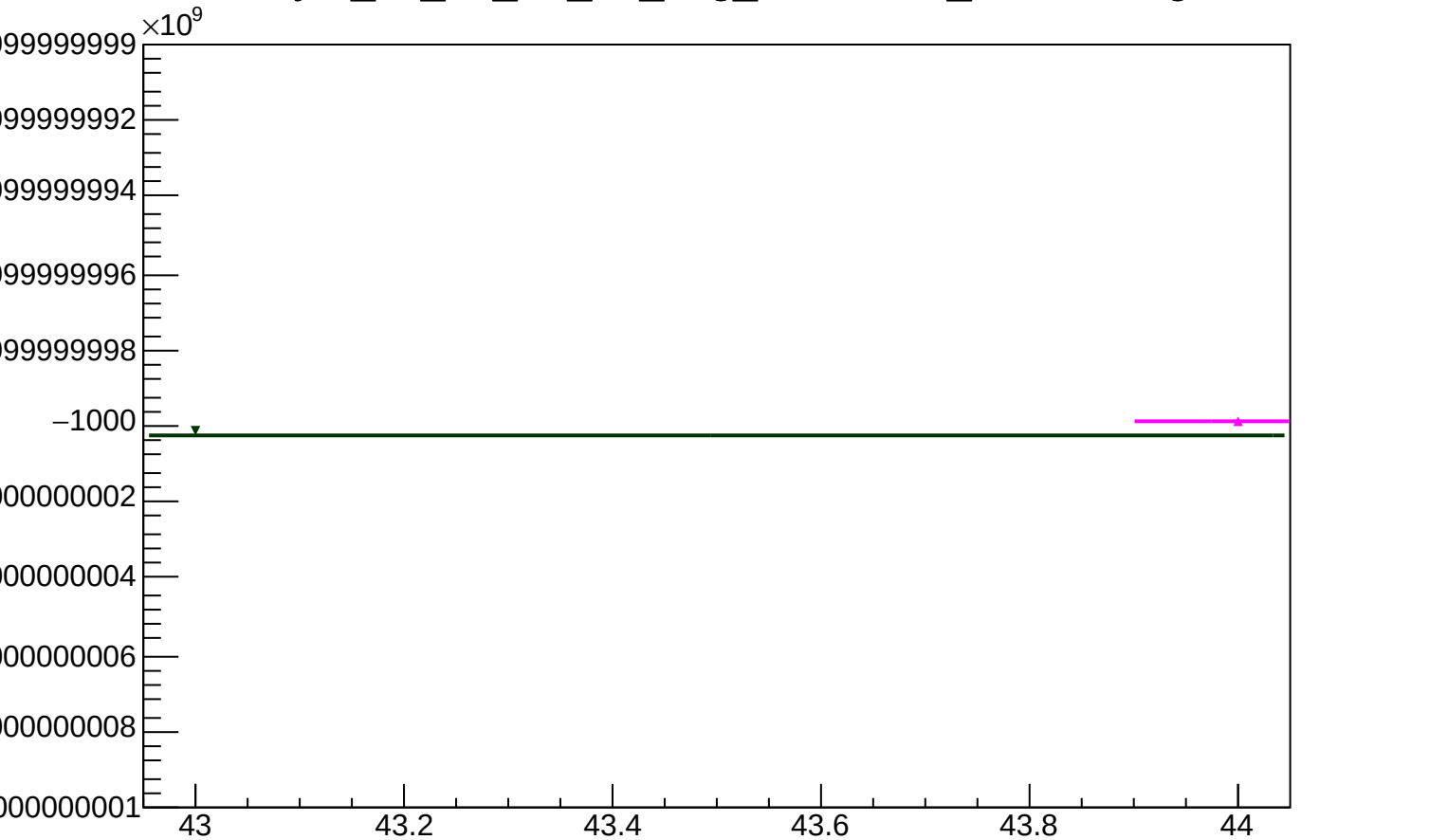
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

asym_atl_dd_atr_dd_avg_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

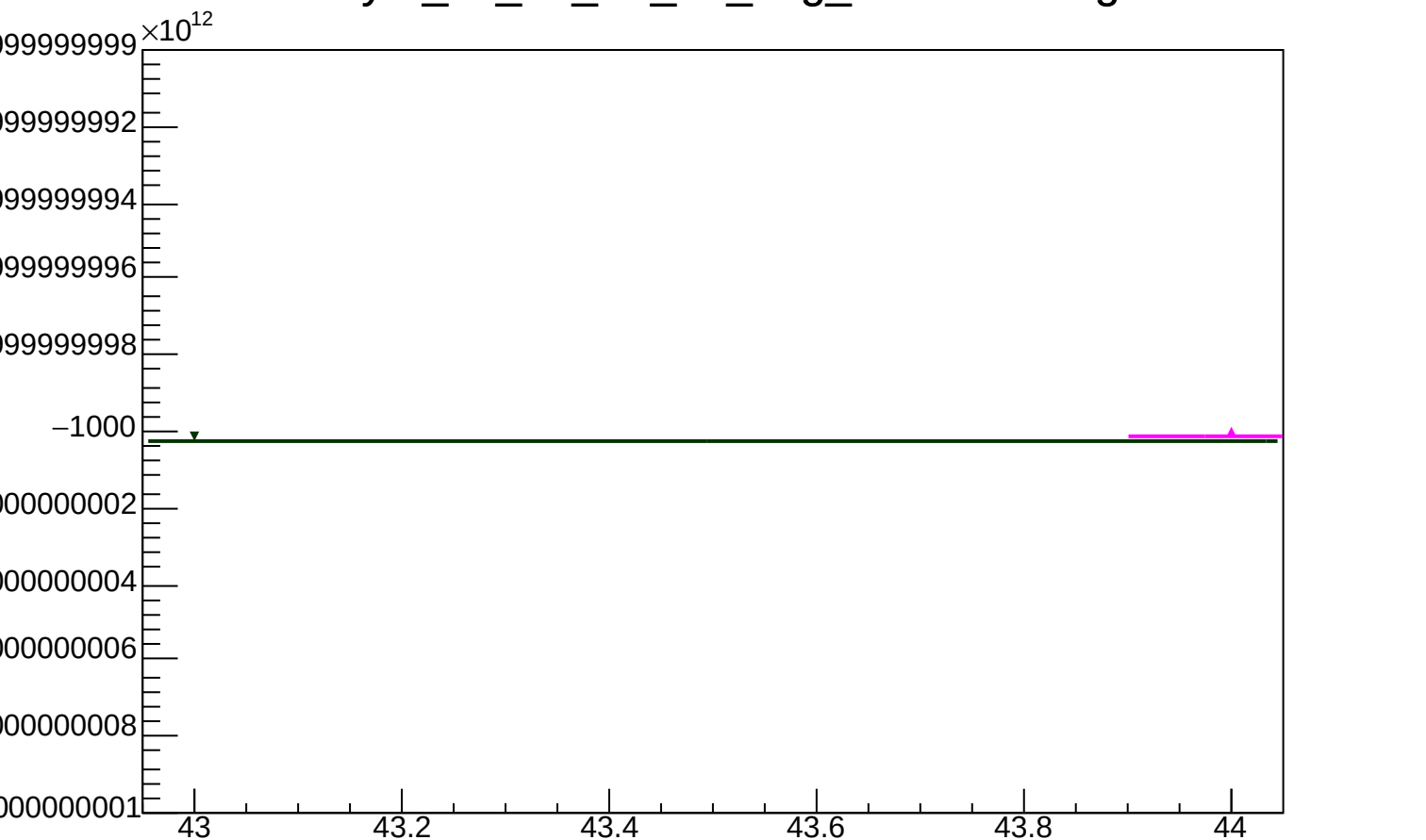
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



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

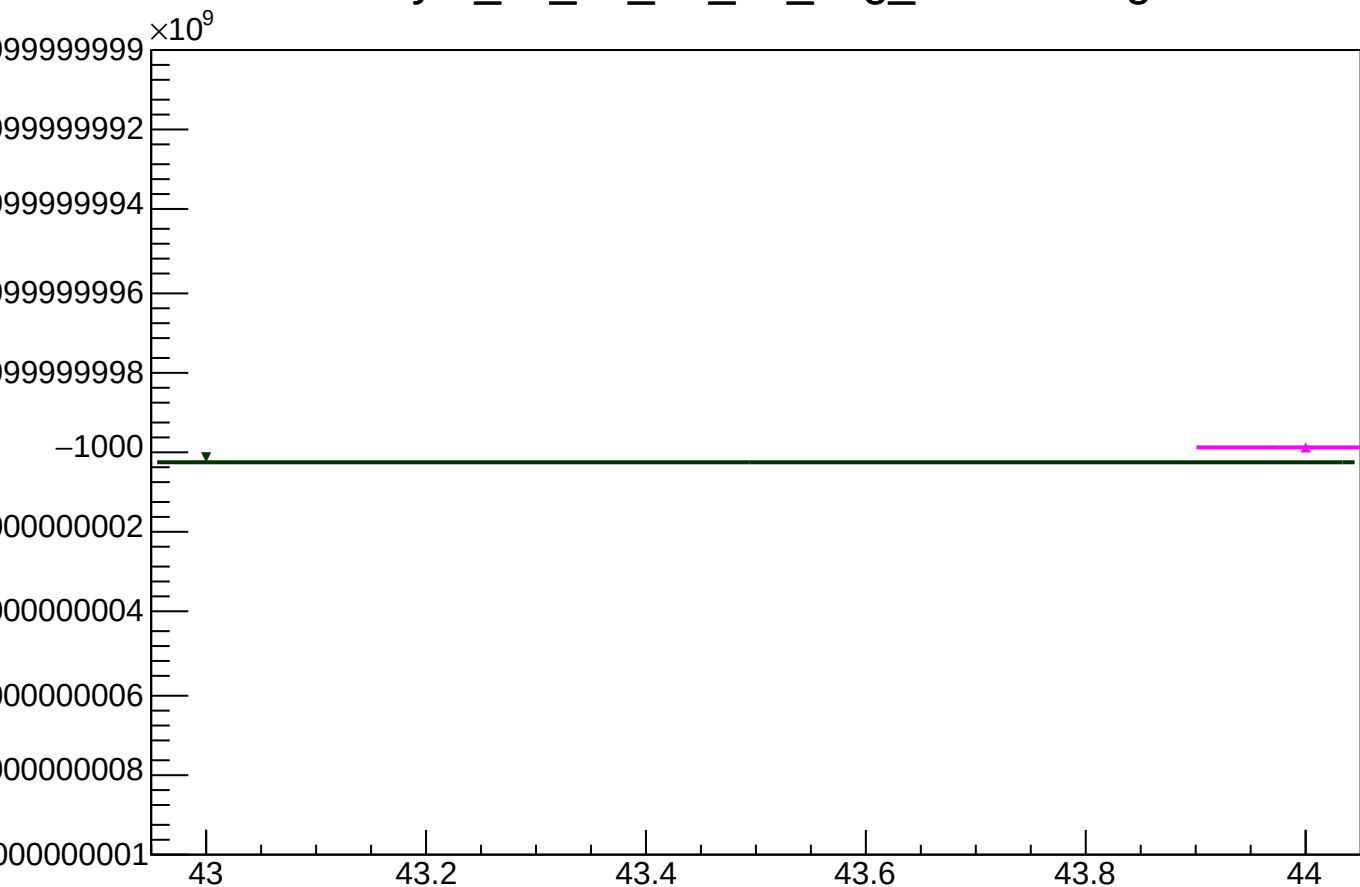
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

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

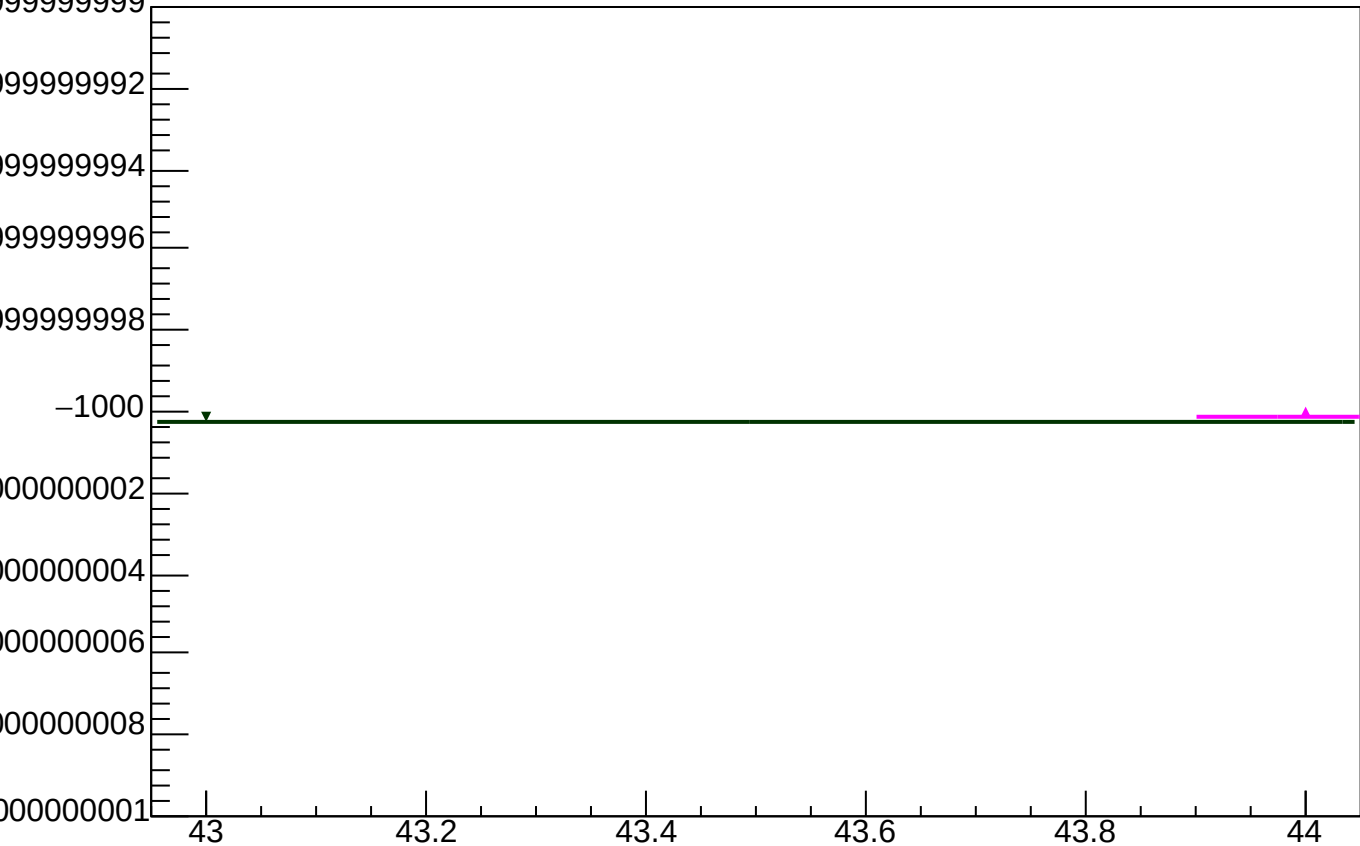
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-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

$\times 10^{12}$



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

Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

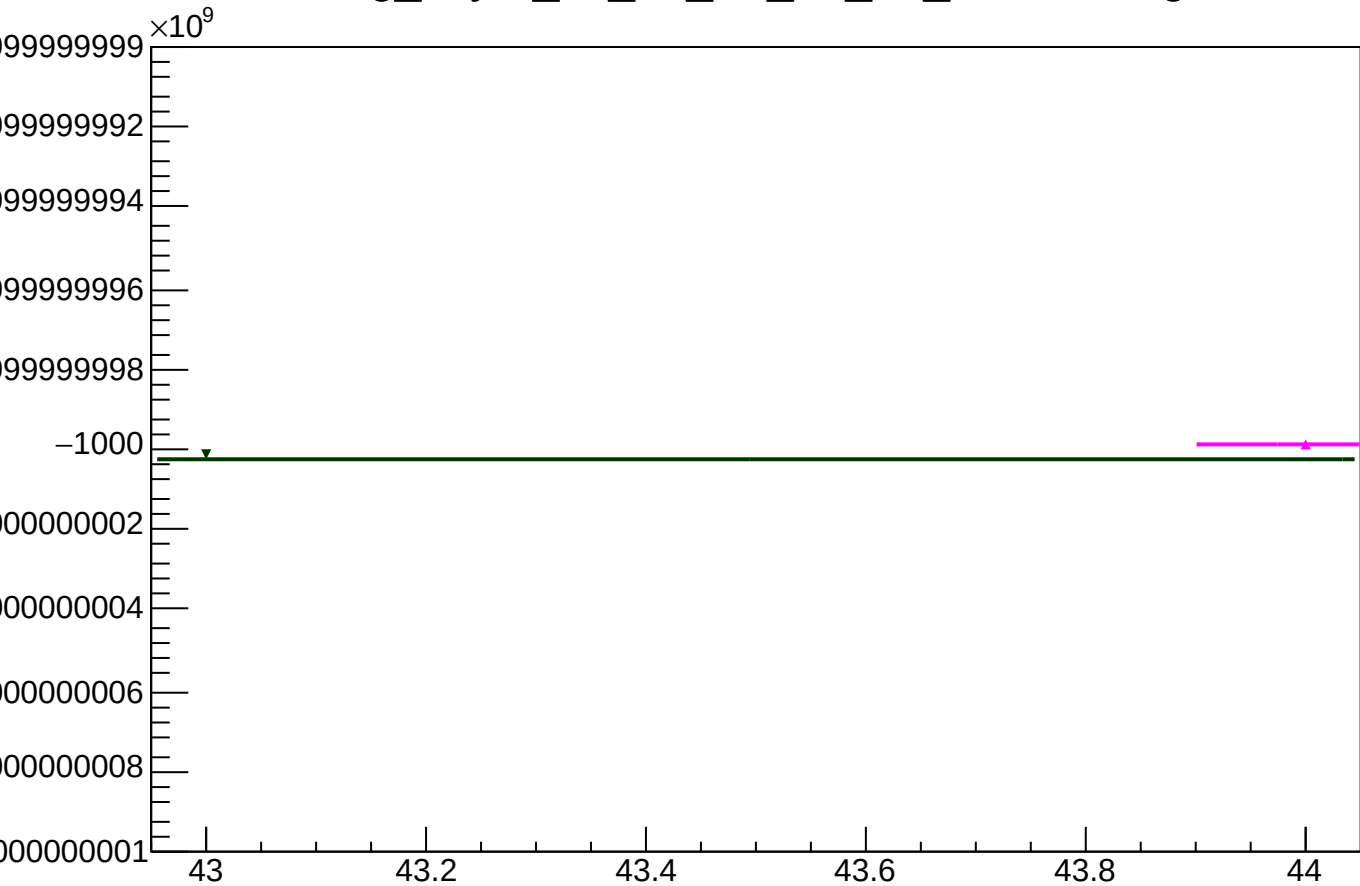
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

-10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

-10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

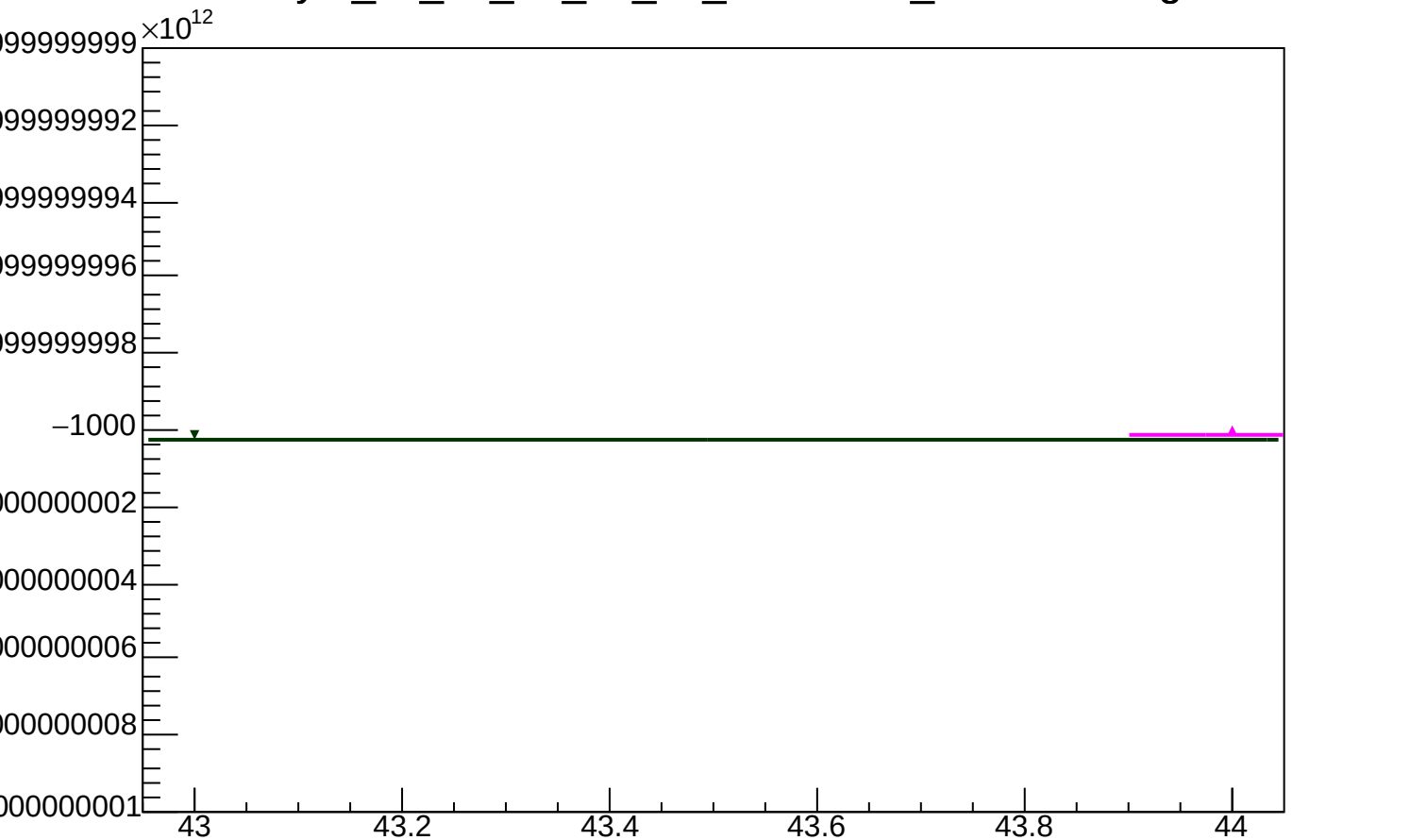
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_mean vs slug



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

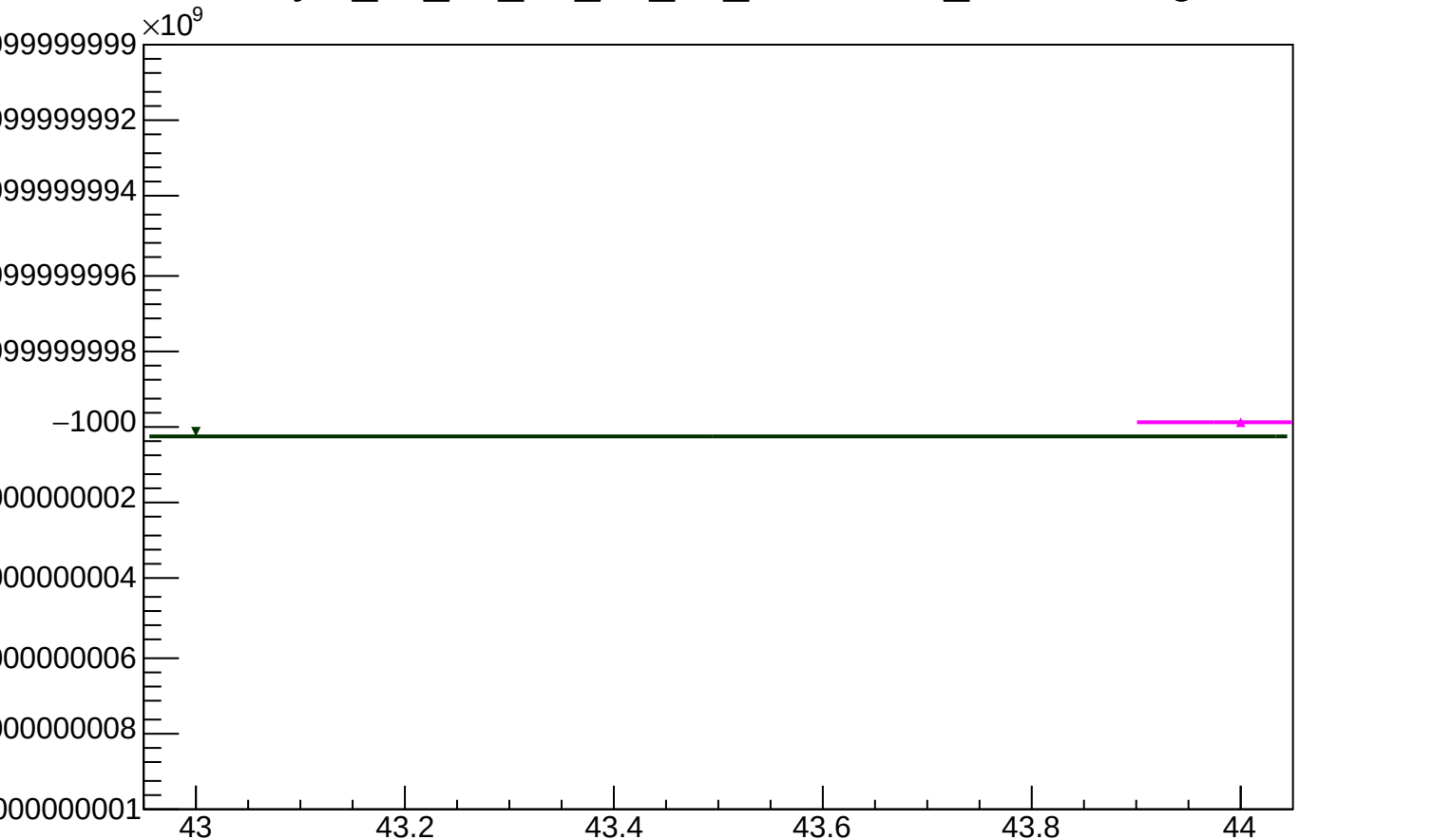
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

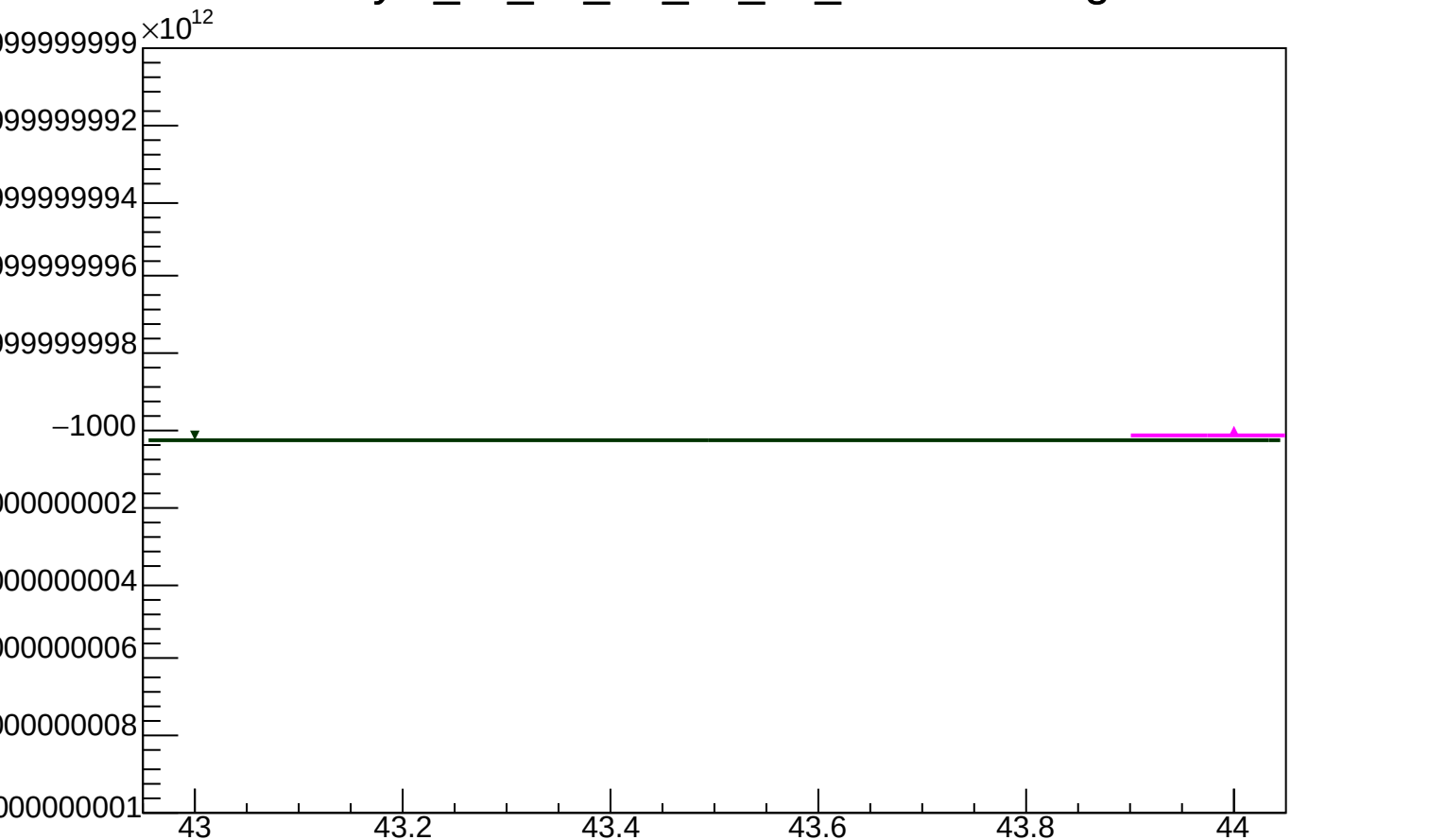
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

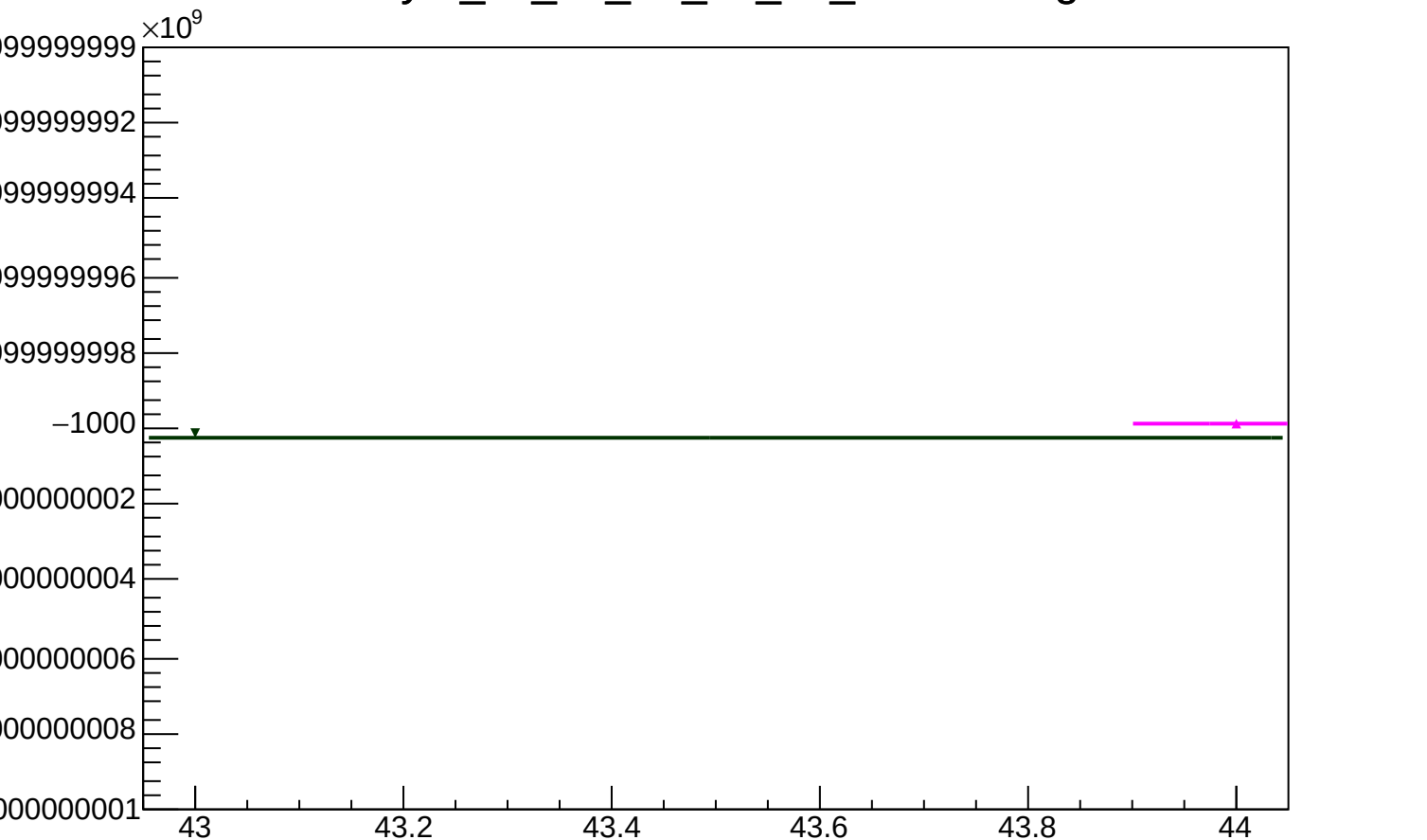
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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_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

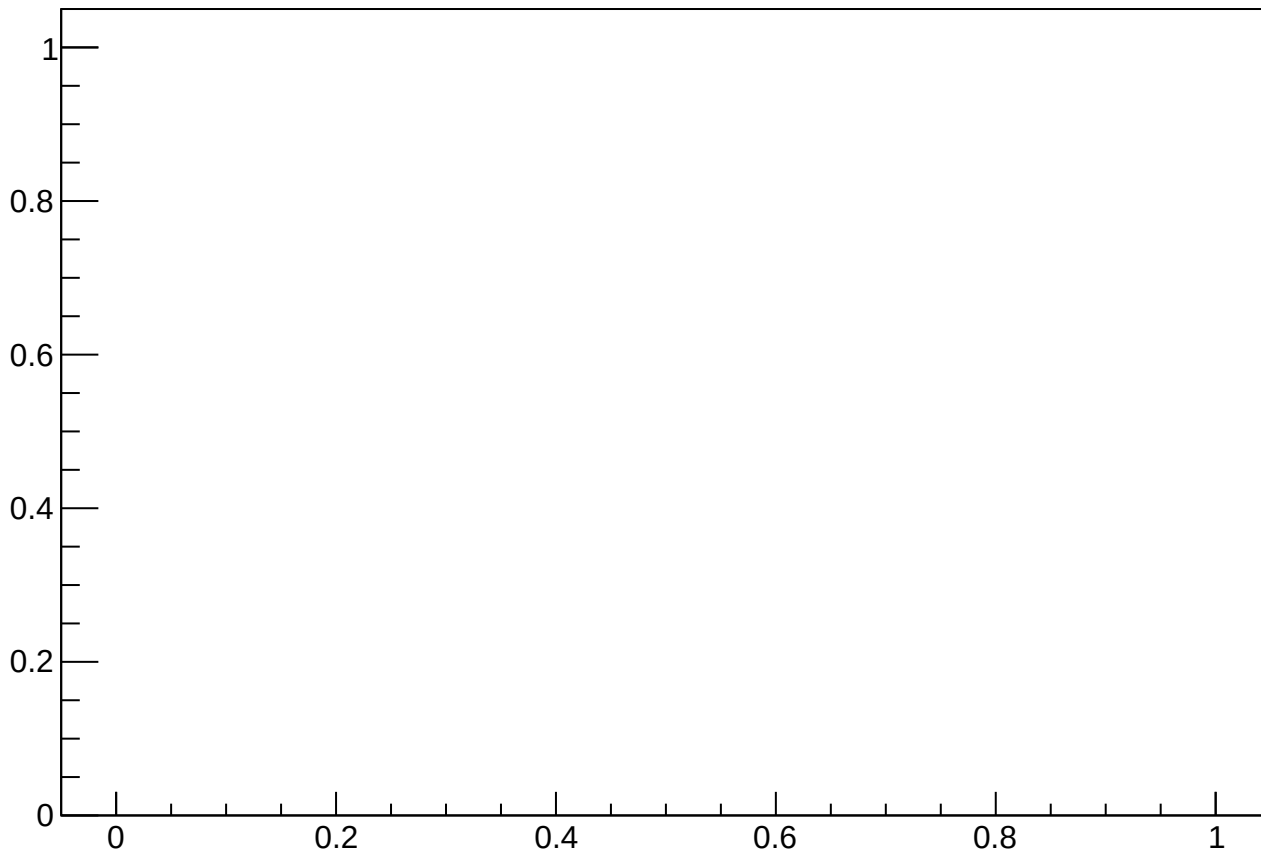
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

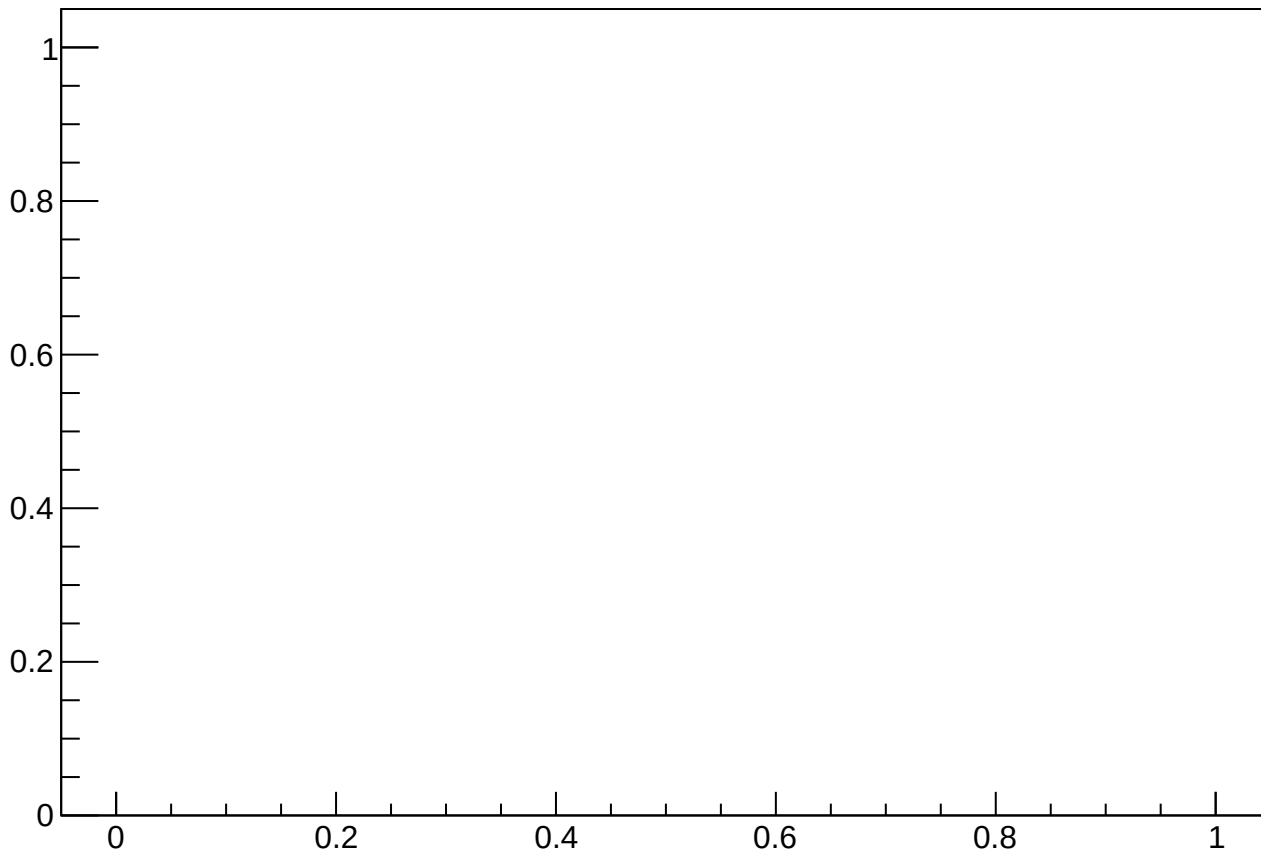
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

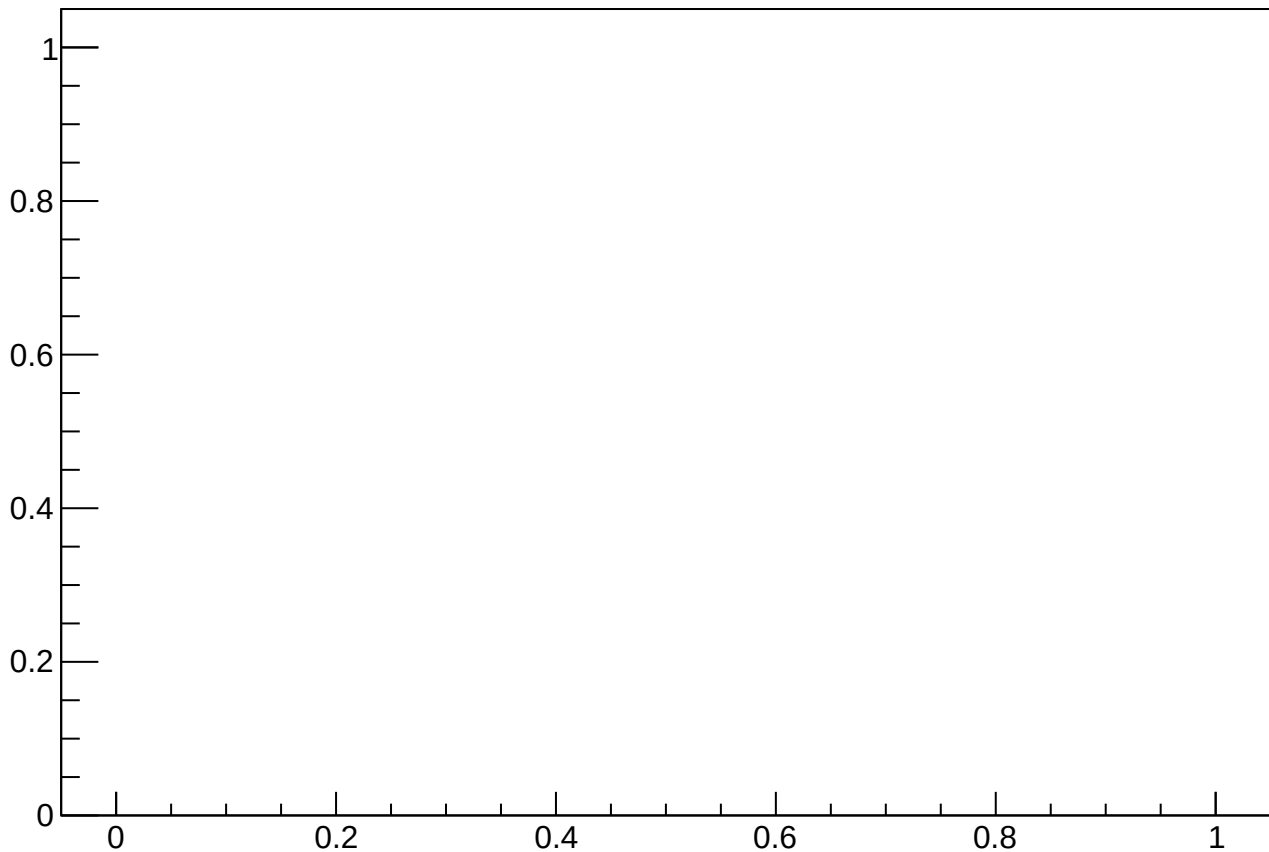
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

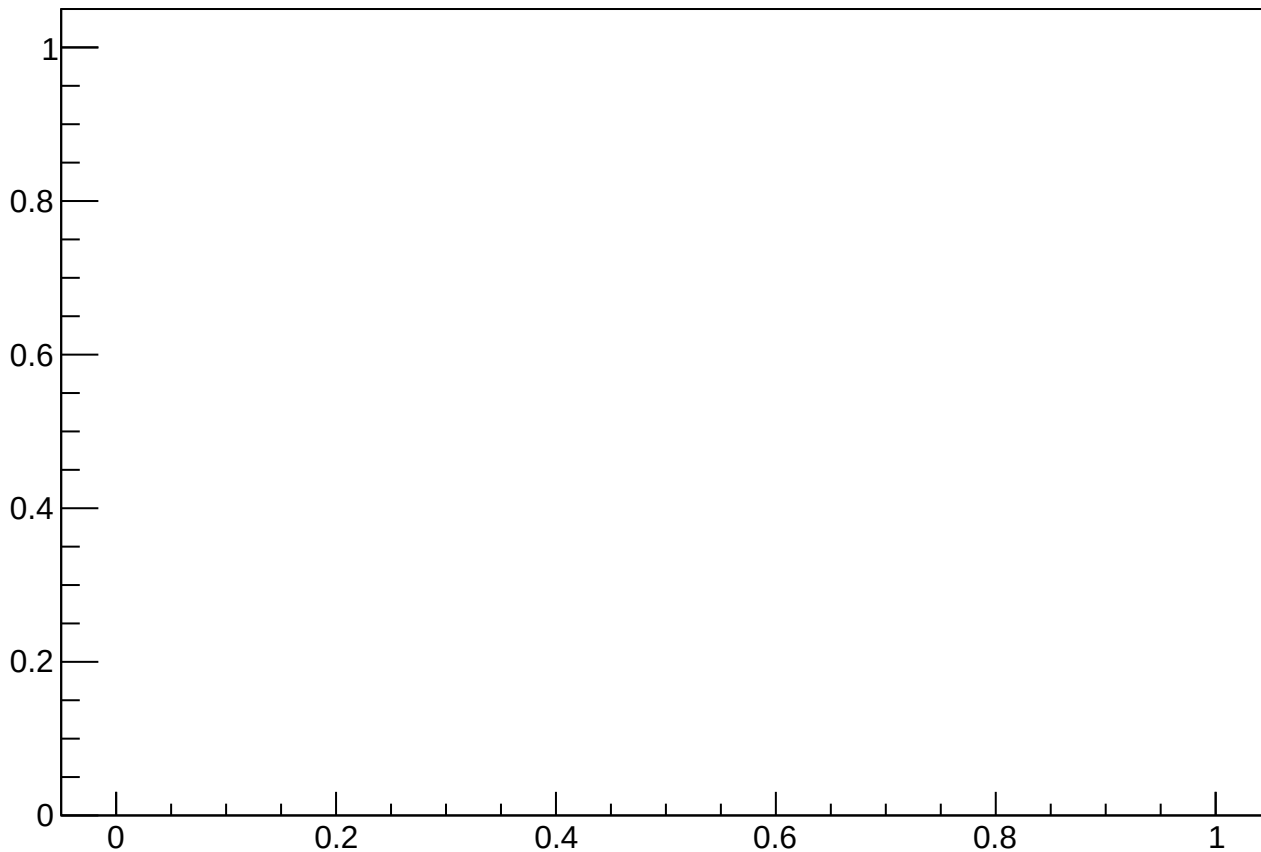
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

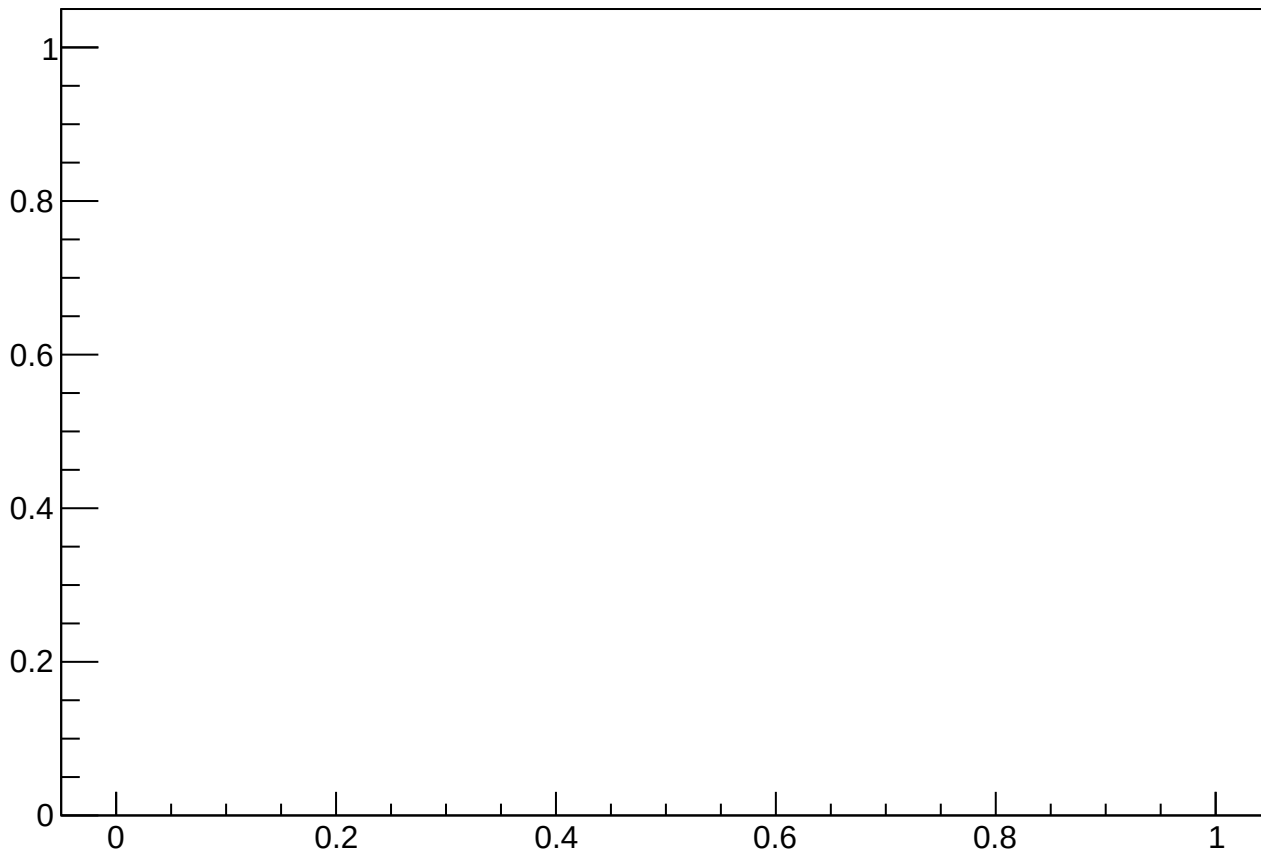
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

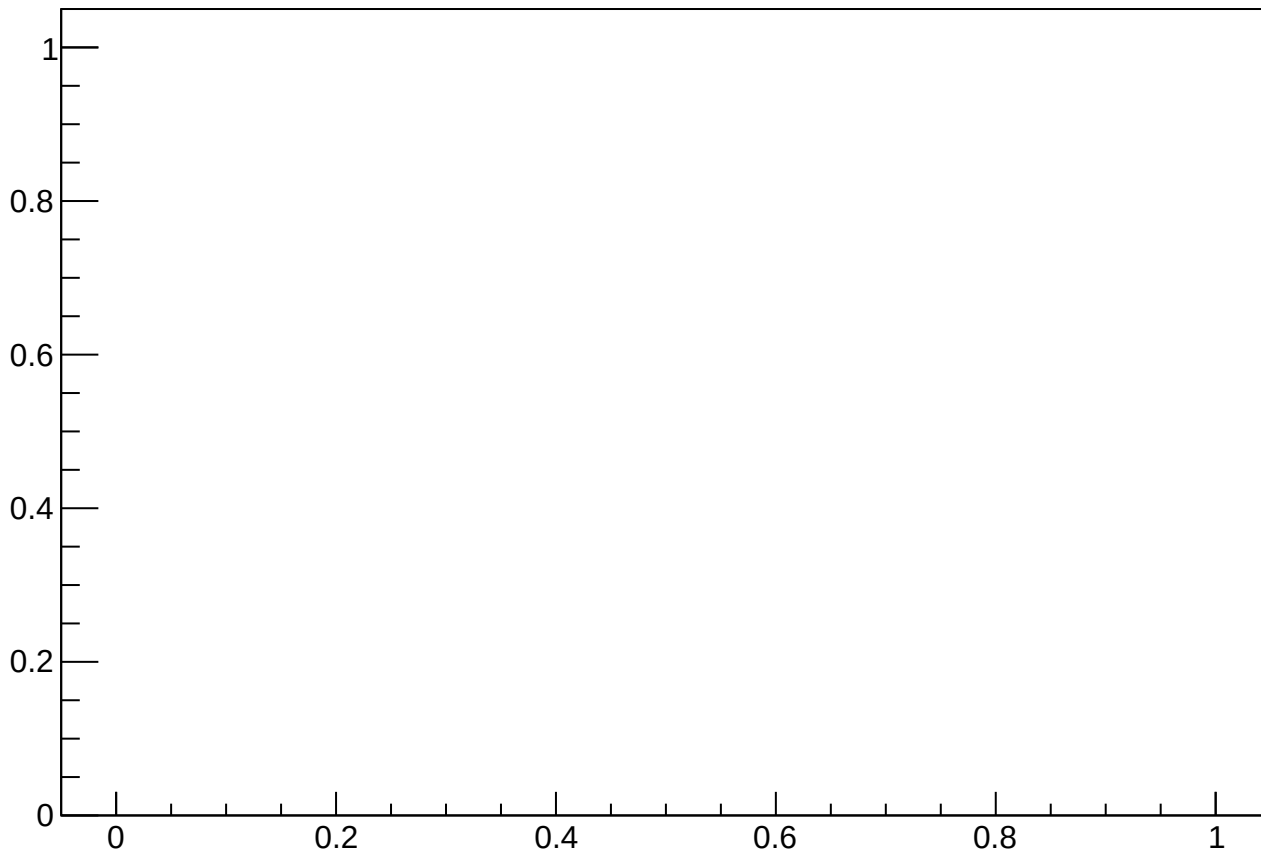
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

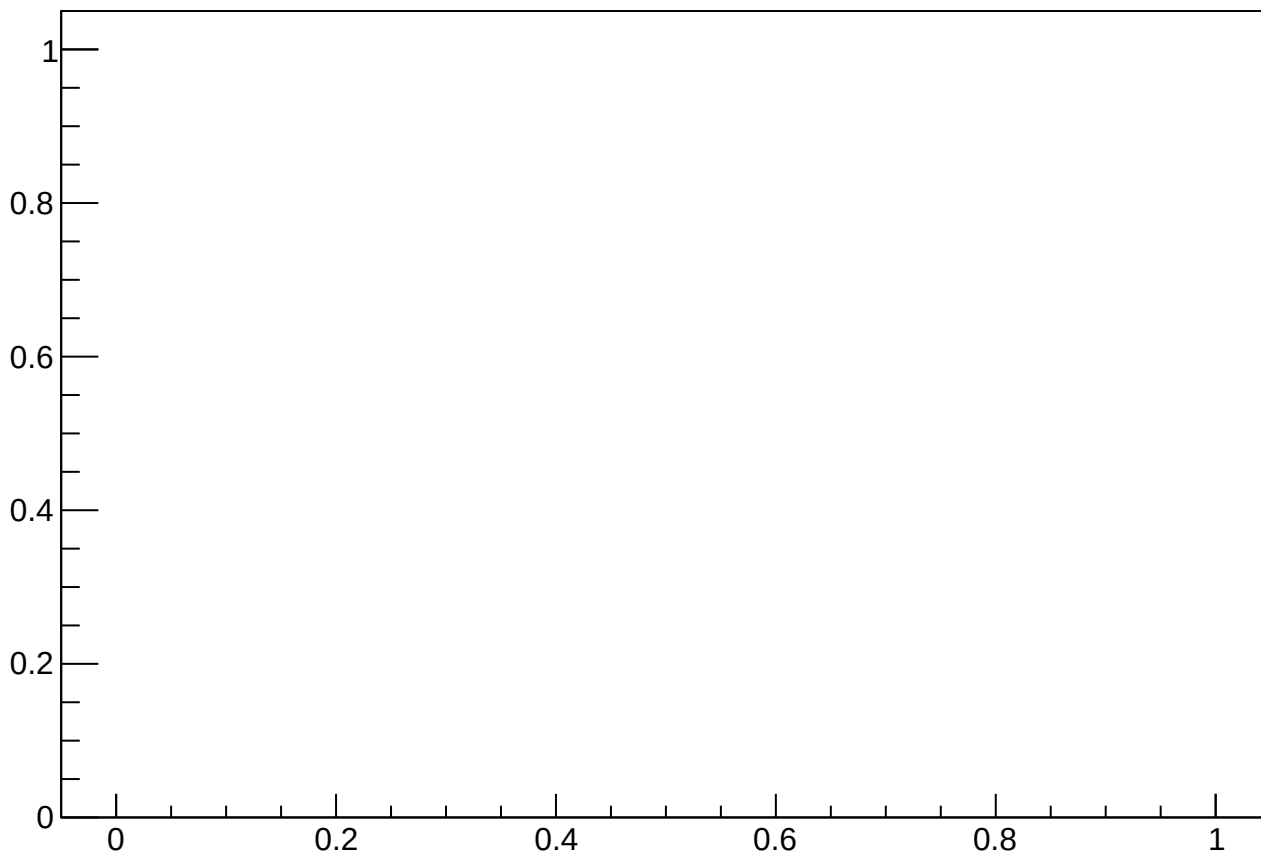
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

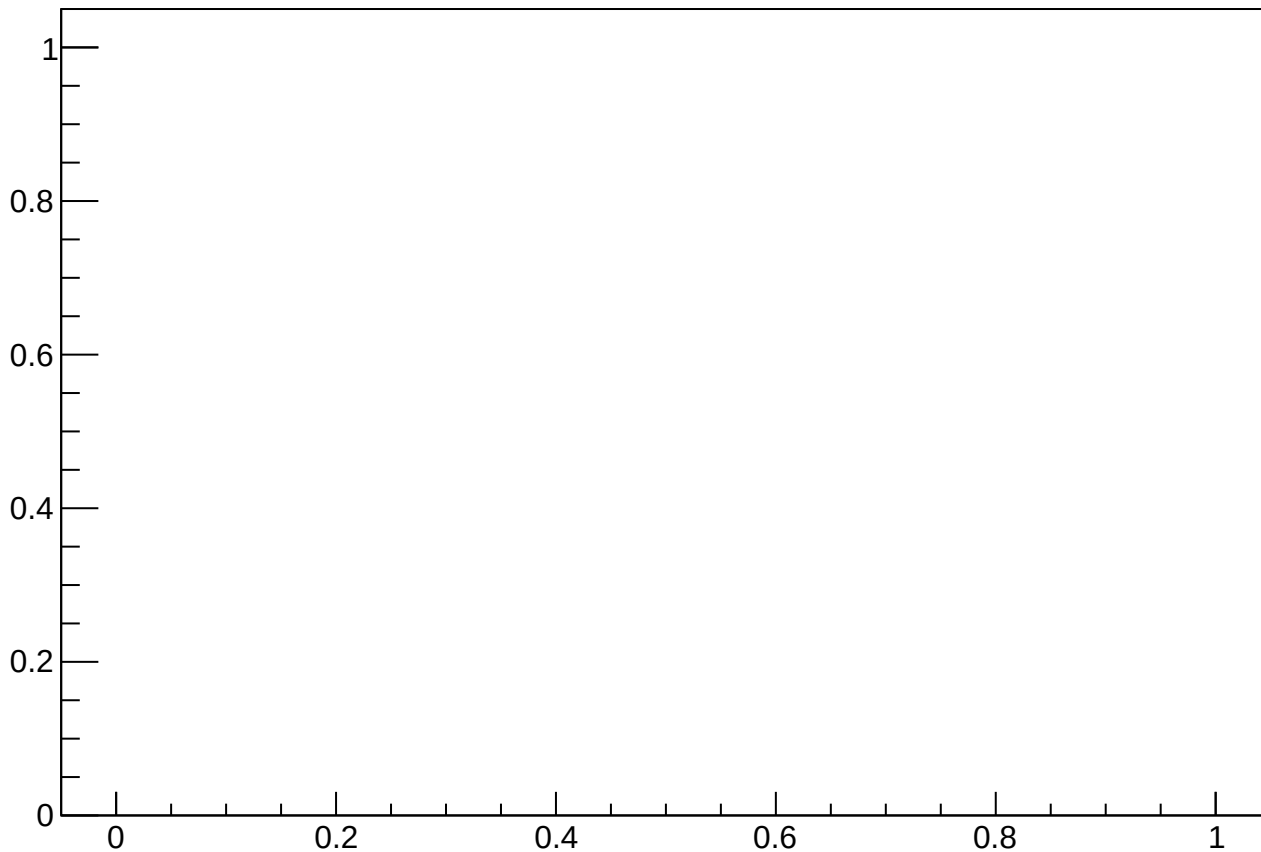
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

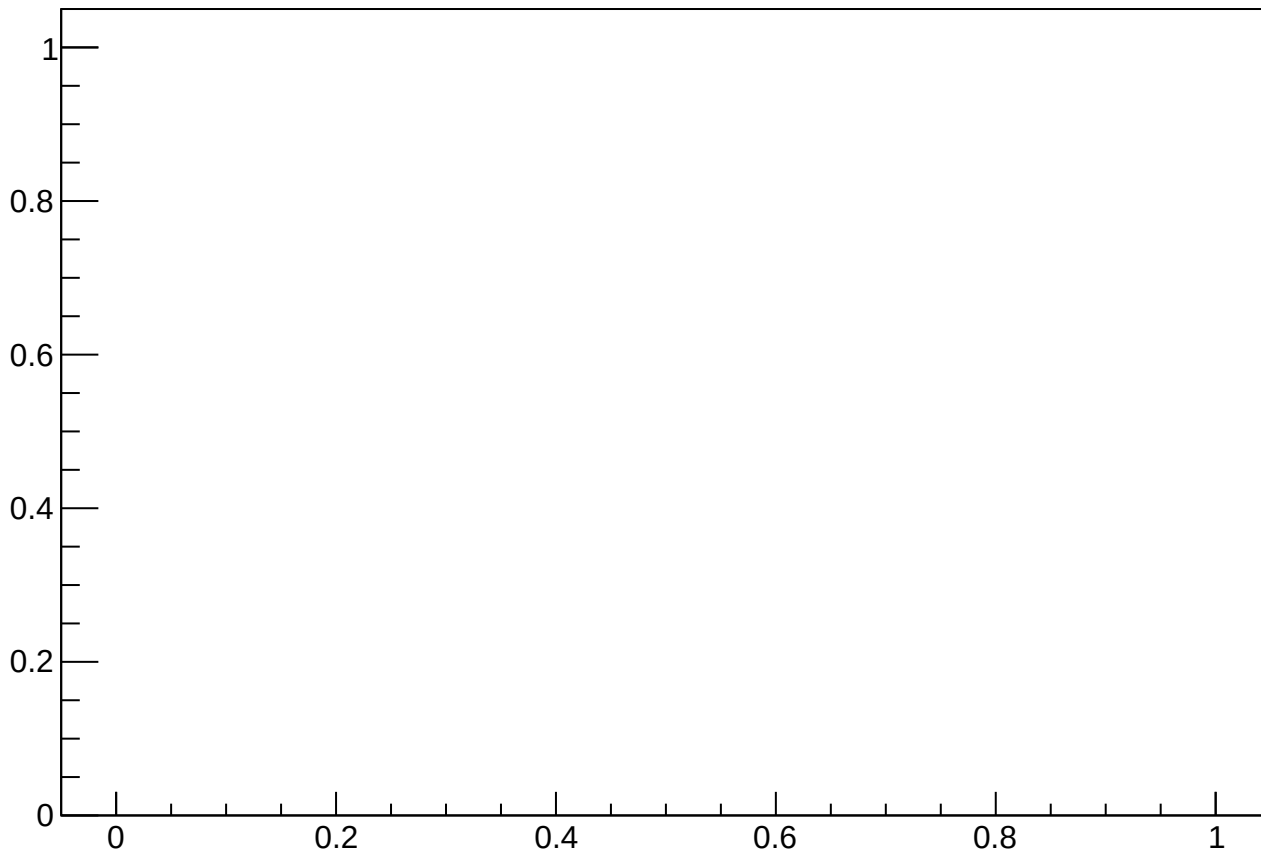
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

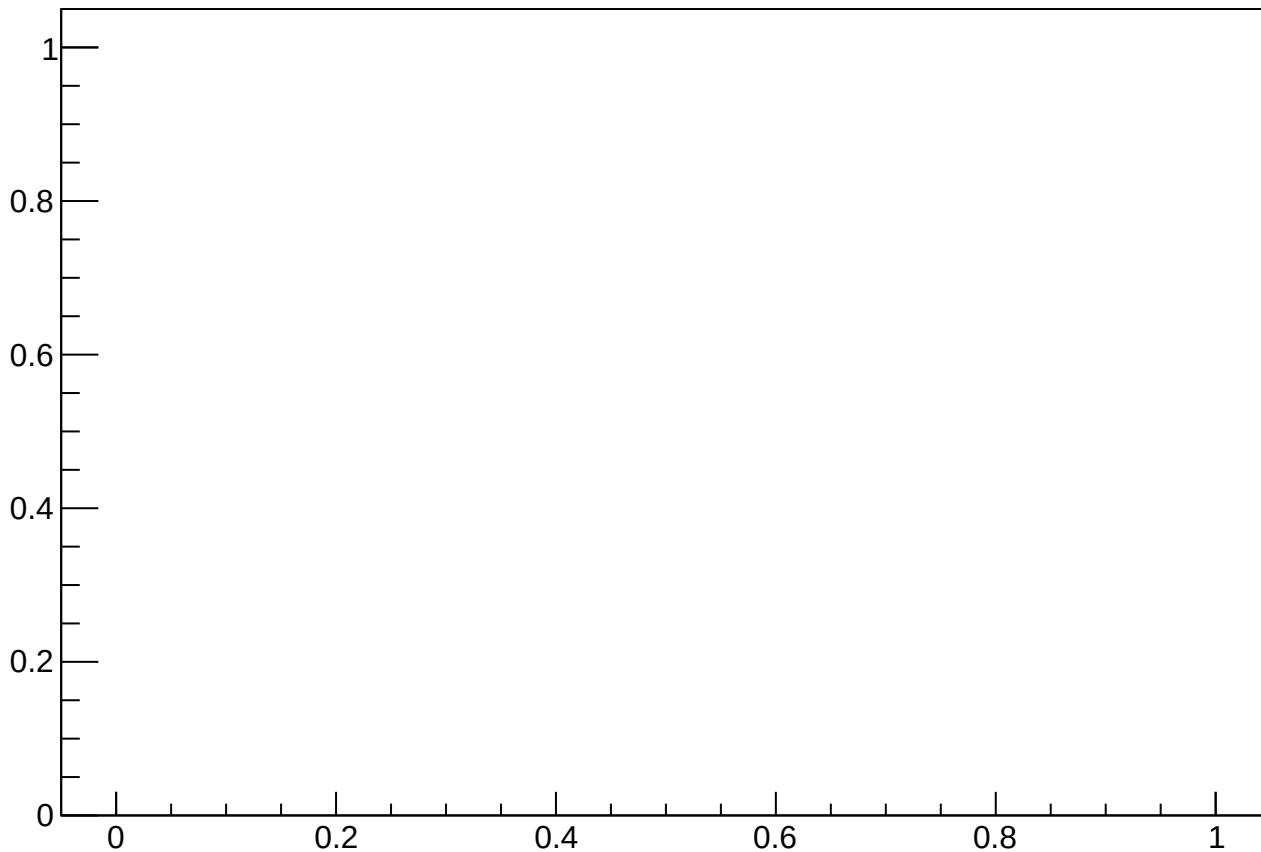
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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