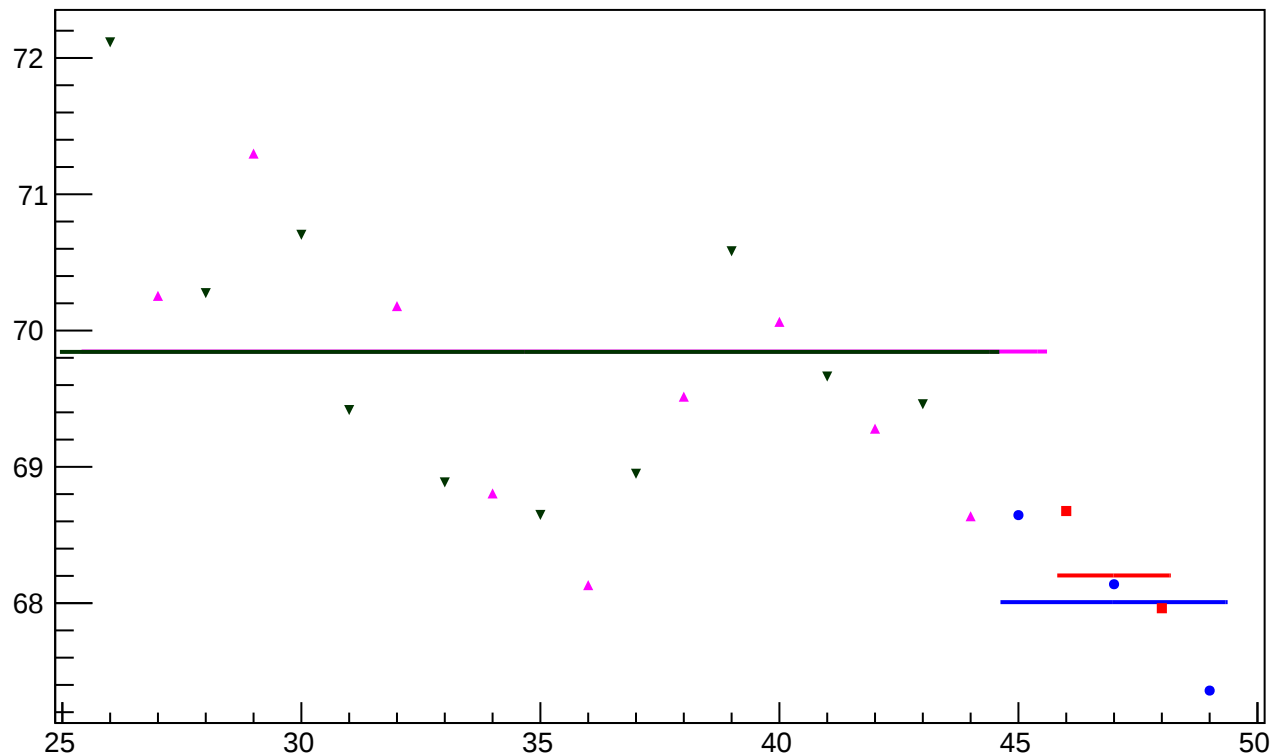


yield_usl_mean vs slug



Right In: 68.007+/-0.000

χ^2 /NDF: 28936522.4/2

Left Out: 69.843+/-0.000

χ^2 /NDF: 214944835.0/9

Right Out: 68.203+/-0.000

χ^2 /NDF: 5753428.7/1

Left In: 69.846+/-0.000

χ^2 /NDF: 291597621.2/8

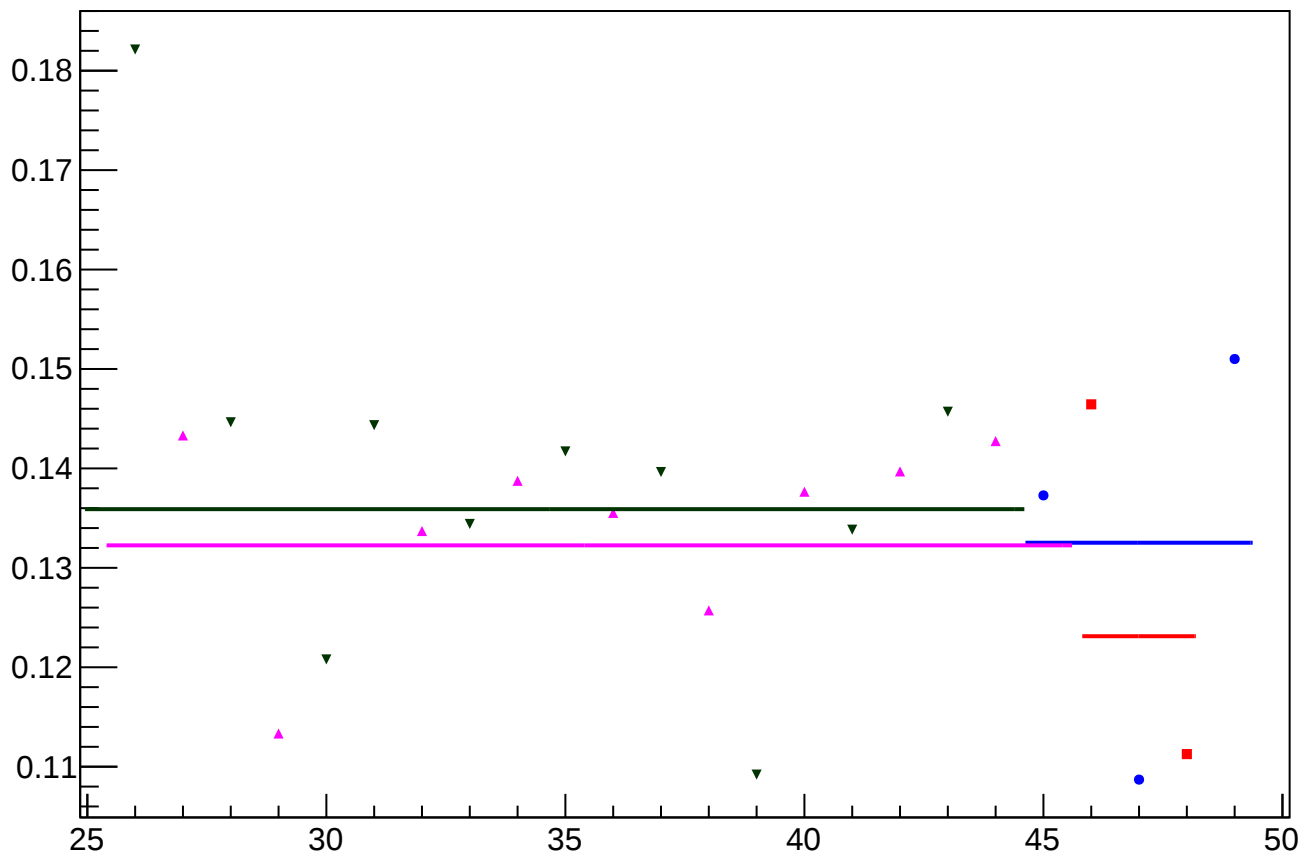
69.328+/-0.000

χ^2 /NDF: 494770445.7/12

69.613+/-0.000

χ^2 /NDF: 414578626.0/10

yield_usl_rms vs slug



Right In: 0.133+/-0.000 χ^2/NDF : 66919.5/2

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

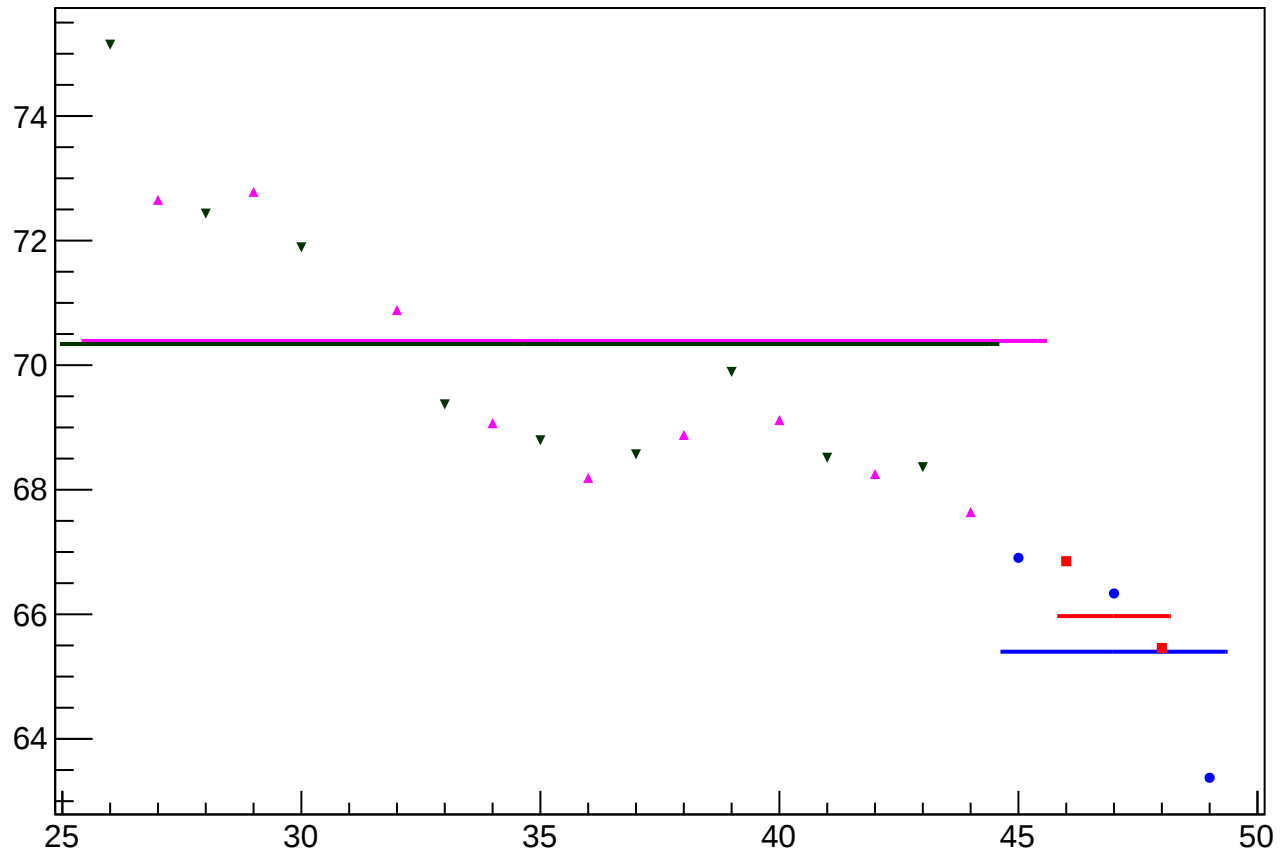
Right Out: 0.123+/-0.000 χ^2/NDF : 27989.6/1

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

0.135+/-0.000 χ^2/NDF : 210656.6/12

0.131+/-0.000 χ^2/NDF : 103472.1/10

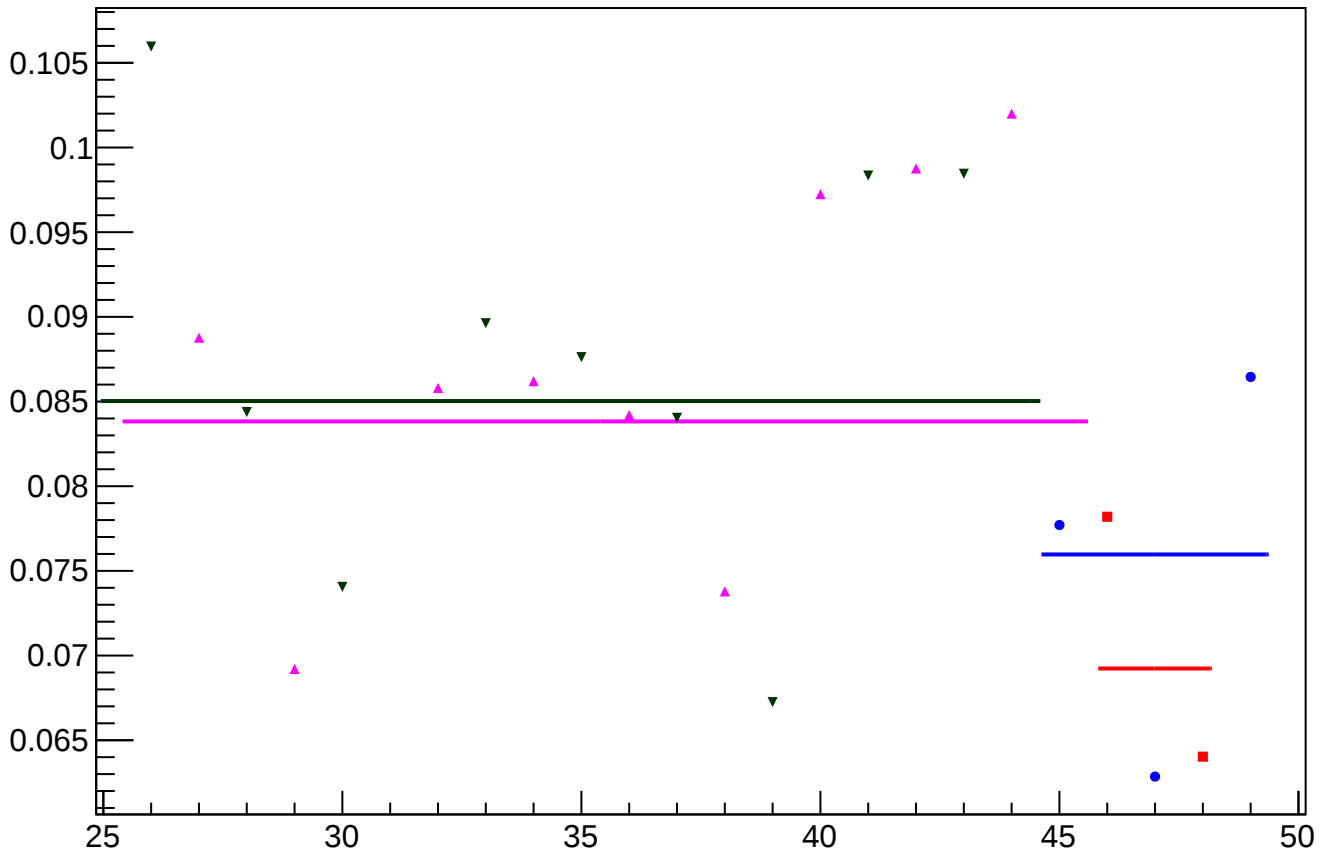
yield_usr_mean vs slug



Right In: 65.400 $\pm$ 0.000 χ^2 /NDF: 727059575.6/2
 Left Out: 70.340 $\pm$ 0.000 χ^2 /NDF: 2358099133.7/8
 Right Out: 65.971 $\pm$ 0.000 χ^2 /NDF: 68545080.9/1
 Left In: 70.389 $\pm$ 0.000 χ^2 /NDF: 2703371735.7/8

68.721 $\pm$ 0.000 χ^2 /NDF: 7890782182.9/11
 69.625 $\pm$ 0.000 χ^2 /NDF: 5222860947.4/10

yield_usr_rms vs slug



Right In: 0.076+/-0.000 χ^2/NDF : 58375.3/2

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

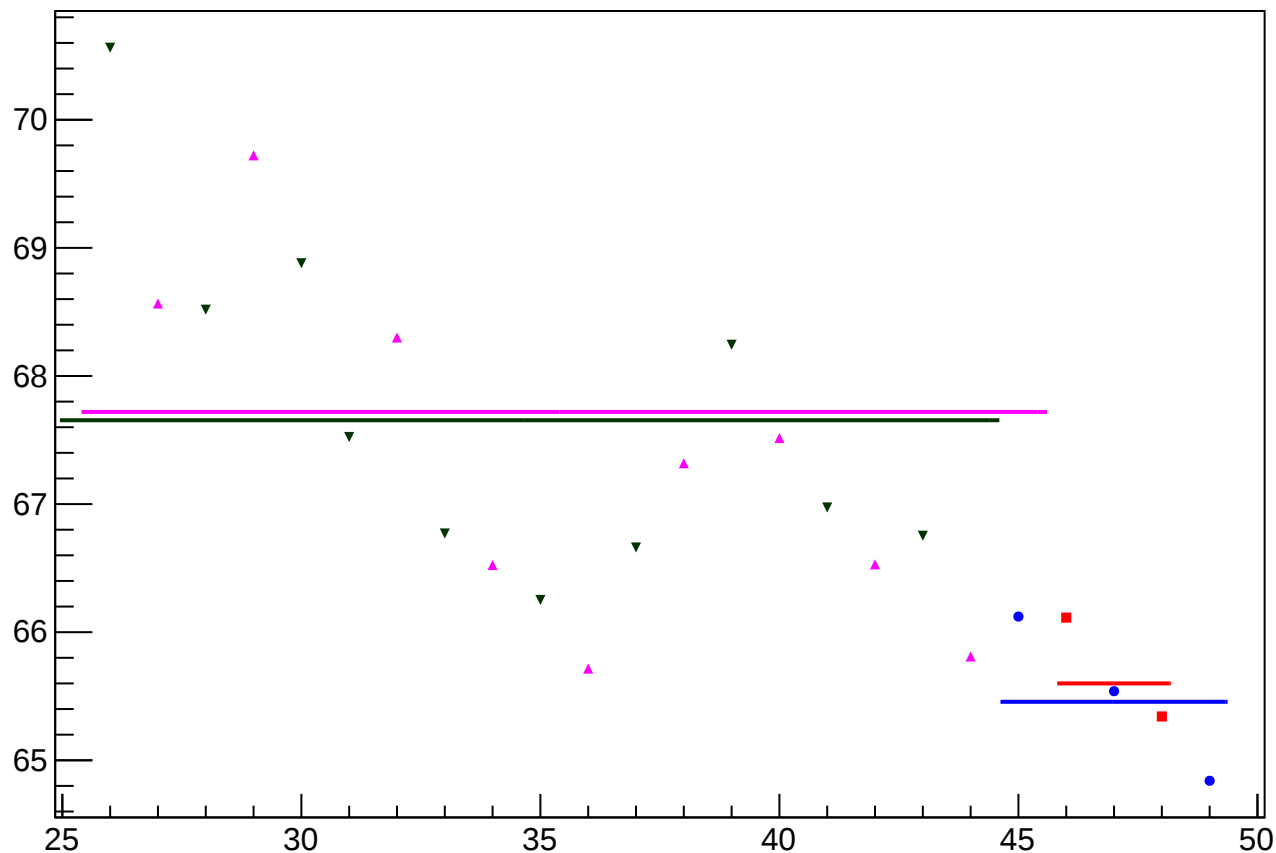
Right Out: 0.069+/-0.000 χ^2/NDF : 14168.3/1

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

0.082+/-0.000 χ^2/NDF : 245216.0/11

0.081+/-0.000 χ^2/NDF : 229811.3/10

yield_dsl_mean vs slug



Right In: 65.457+/-0.000 χ^2/NDF : 27747974.2/2

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

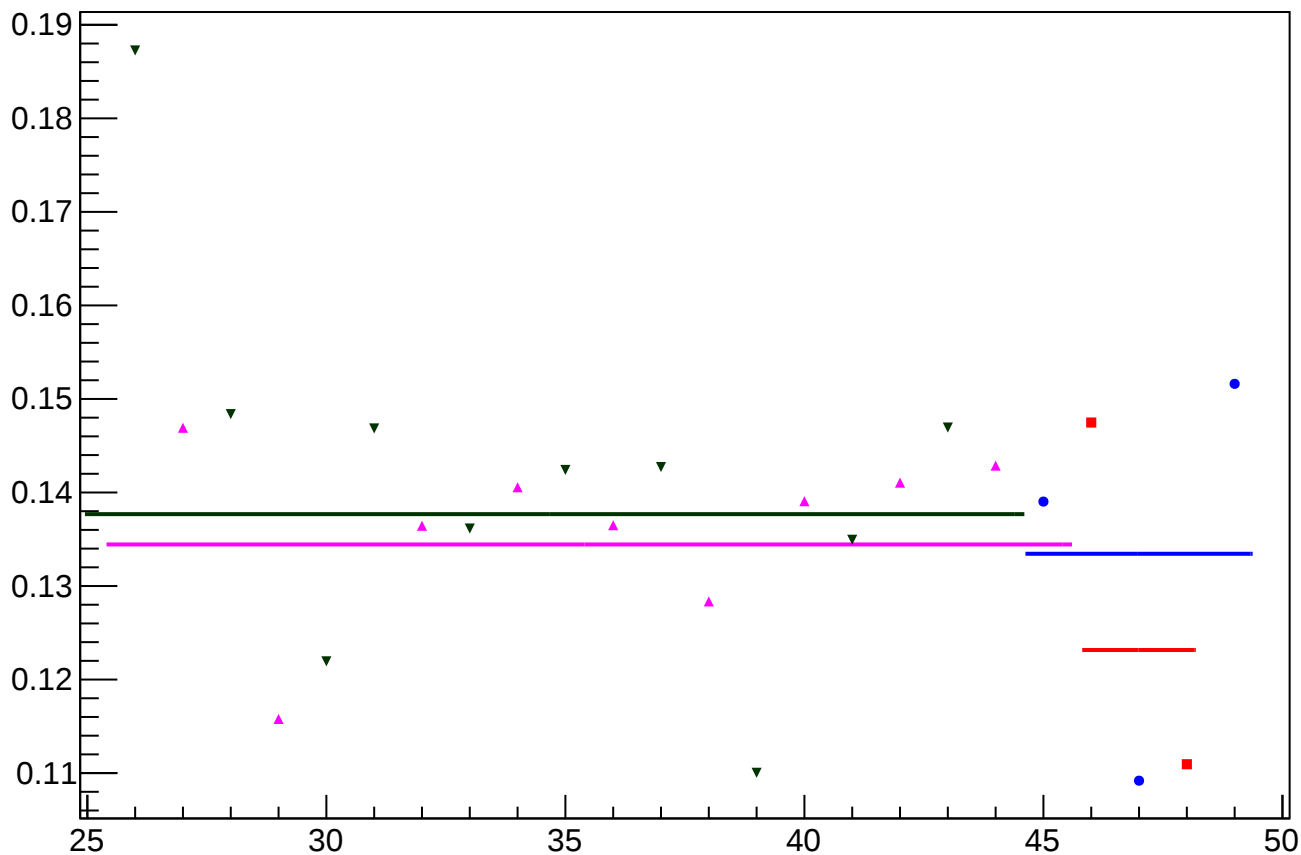
Right Out: 65.600+/-0.000 χ^2/NDF : 6732164.6/1

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

67.032+/-0.000 χ^2/NDF : 710129718.3/12

67.409+/-0.000 χ^2/NDF : 745750535.1/10

yield_dsl_rms vs slug



Right In: 0.133+/-0.000 χ^2/NDF : 67439.8/2

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

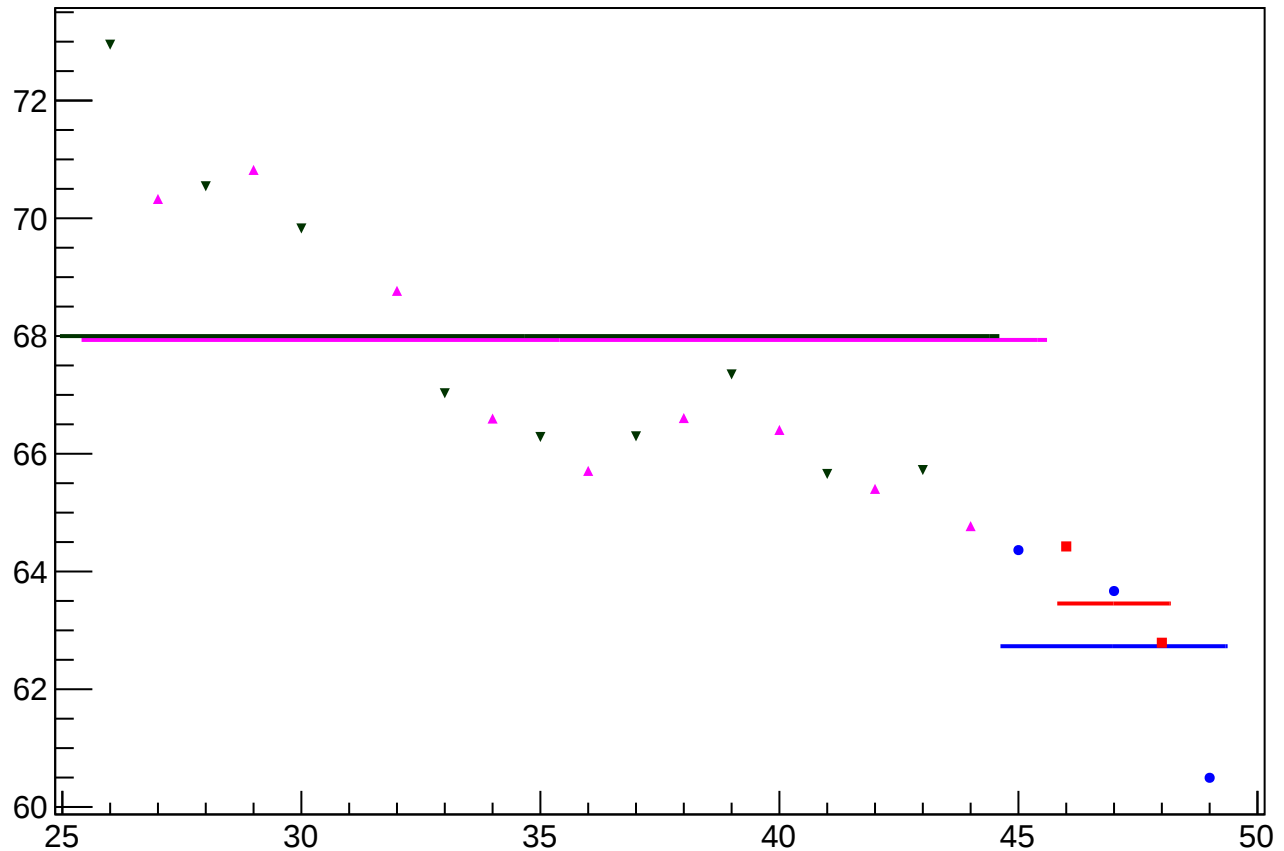
Right Out: 0.123+/-0.000 χ^2/NDF : 30196.0/1

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

0.136+/-0.000 χ^2/NDF : 223563.7/12

0.133+/-0.000 χ^2/NDF : 104749.7/10

yield_dsr_mean vs slug



Right In: 62.731+/-0.000 χ^2/NDF : 858206915.5/2

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

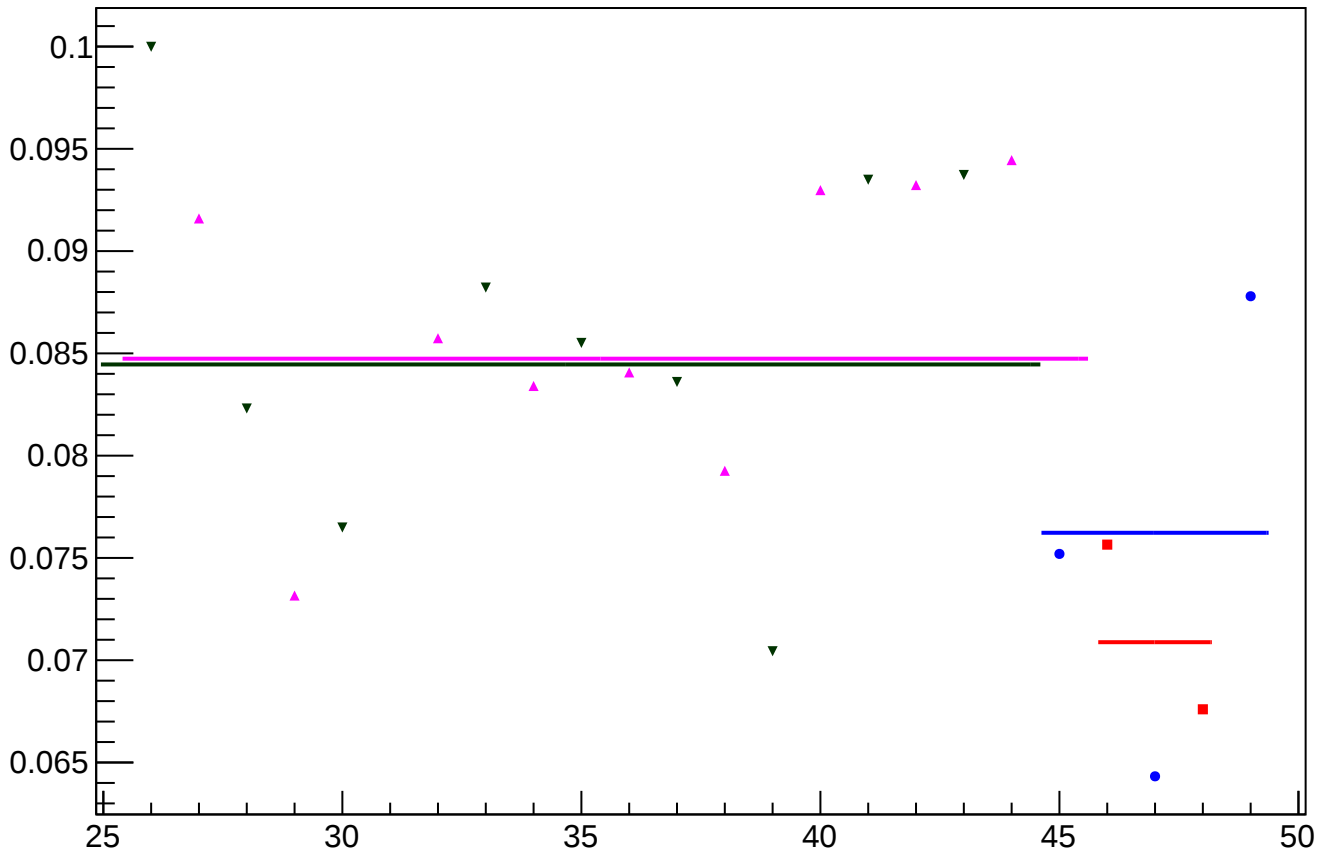
66.293+/-0.000 χ^2/NDF : 9443685887.8/11

Right Out: 63.456+/-0.000 χ^2/NDF : 95161227.9/1

67.170+/-0.000 χ^2/NDF : 5908648085.9/10

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

yield_dsr_rms vs slug



Right In: 0.076+/-0.000 χ^2/NDF : 55760.6/2

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

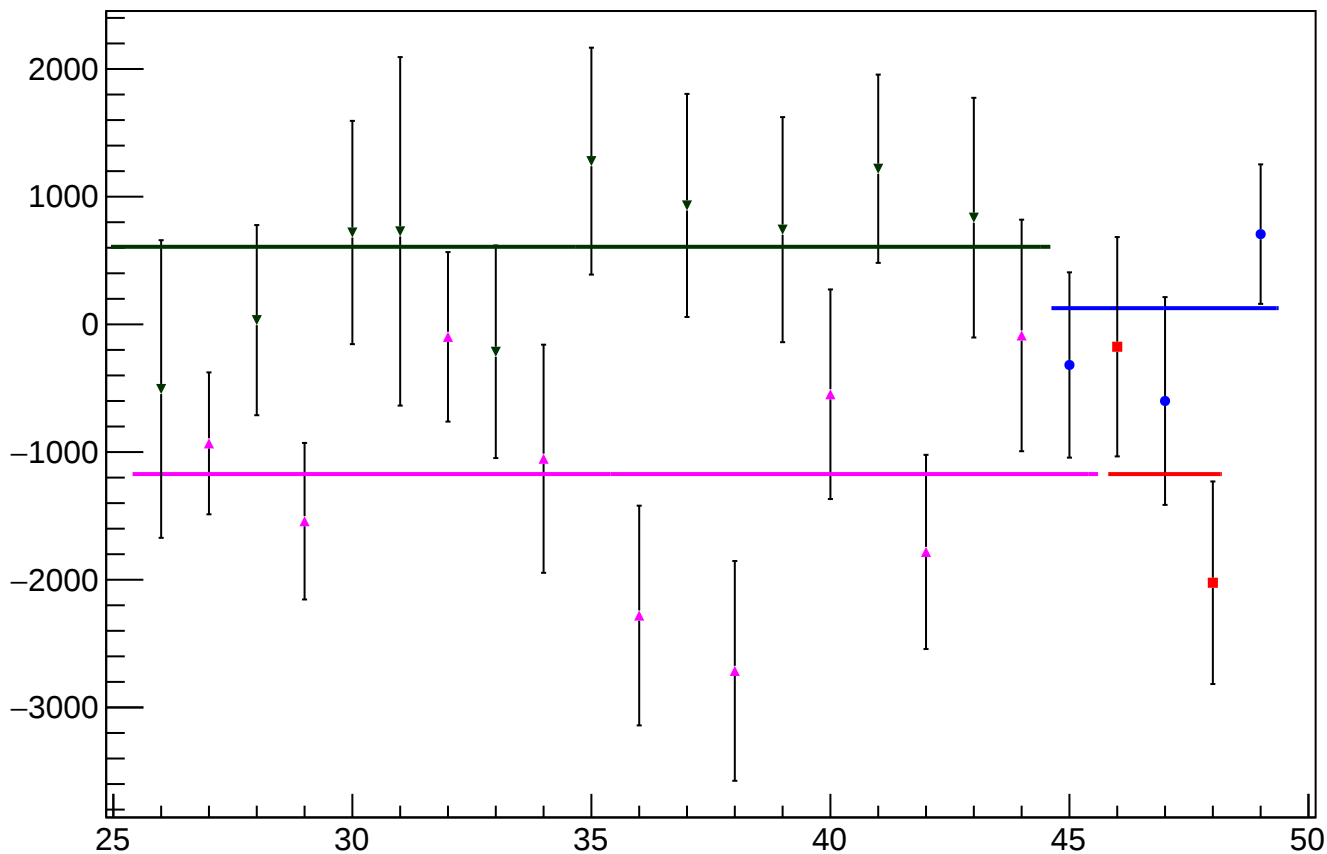
Right Out: 0.071+/-0.000 χ^2/NDF : 4608.3/1

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

0.082+/-0.000 χ^2/NDF : 169349.3/11

0.082+/-0.000 χ^2/NDF : 128245.7/10

asym_usl_mean vs slug



Right In: 126.971 $\pm$ 384.592 χ^2 /NDF: 2.3/2

Left Out: 607.534 $\pm$ 280.959 χ^2 /NDF:4.0/9

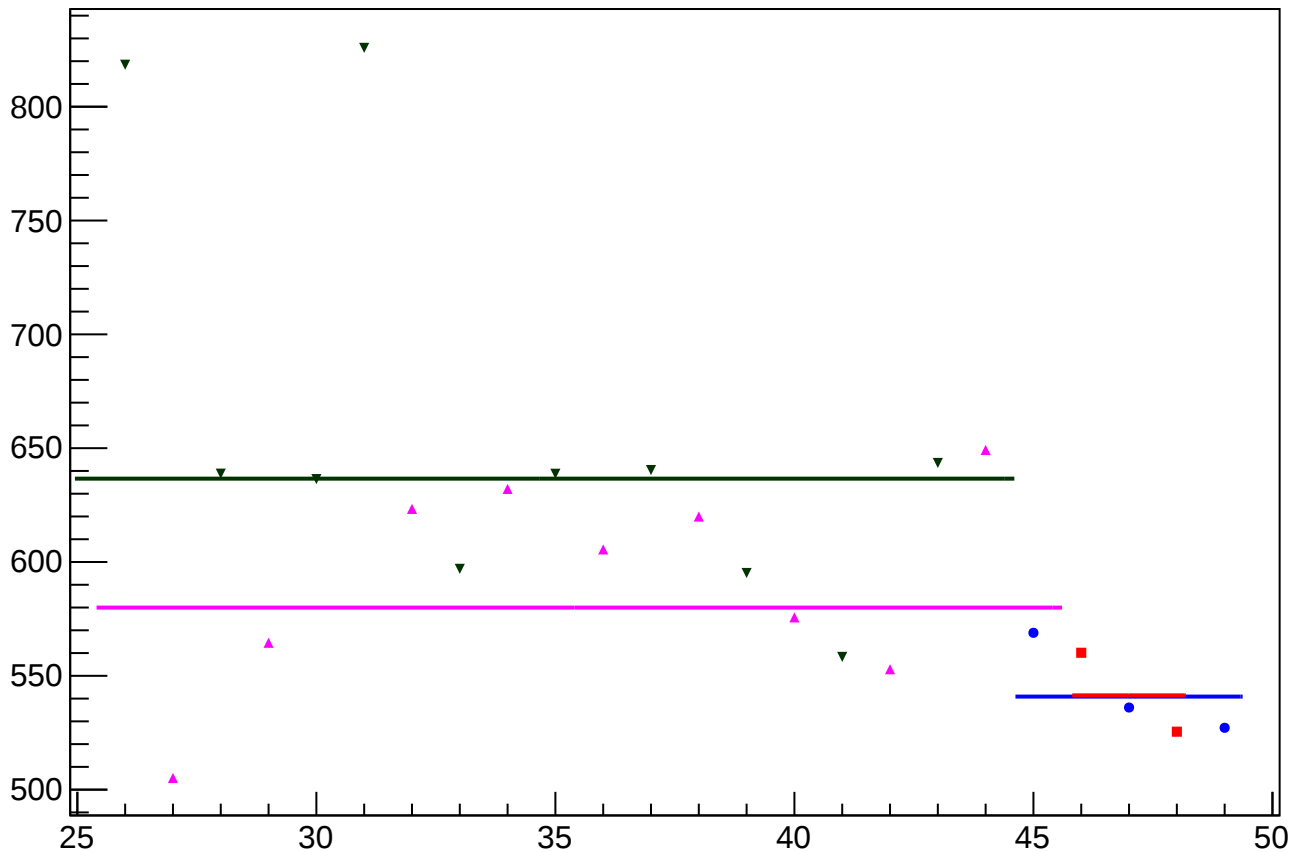
Right Out: -1172.539 $\pm$ 582.736 χ^2 /NDF: 2.5/1

Left In: -1172.316 $\pm$ 245.788 χ^2 /NDF:10.7/8

440.310 $\pm$ 226.869 χ^2 /NDF: 7.3/12

-1172.349 $\pm$ 226.468 χ^2 /NDF: 13.2/10

asym_usl_rms vs slug



Right In: 540.883 ± 0.272 χ^2/NDF : 4311.9/2

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

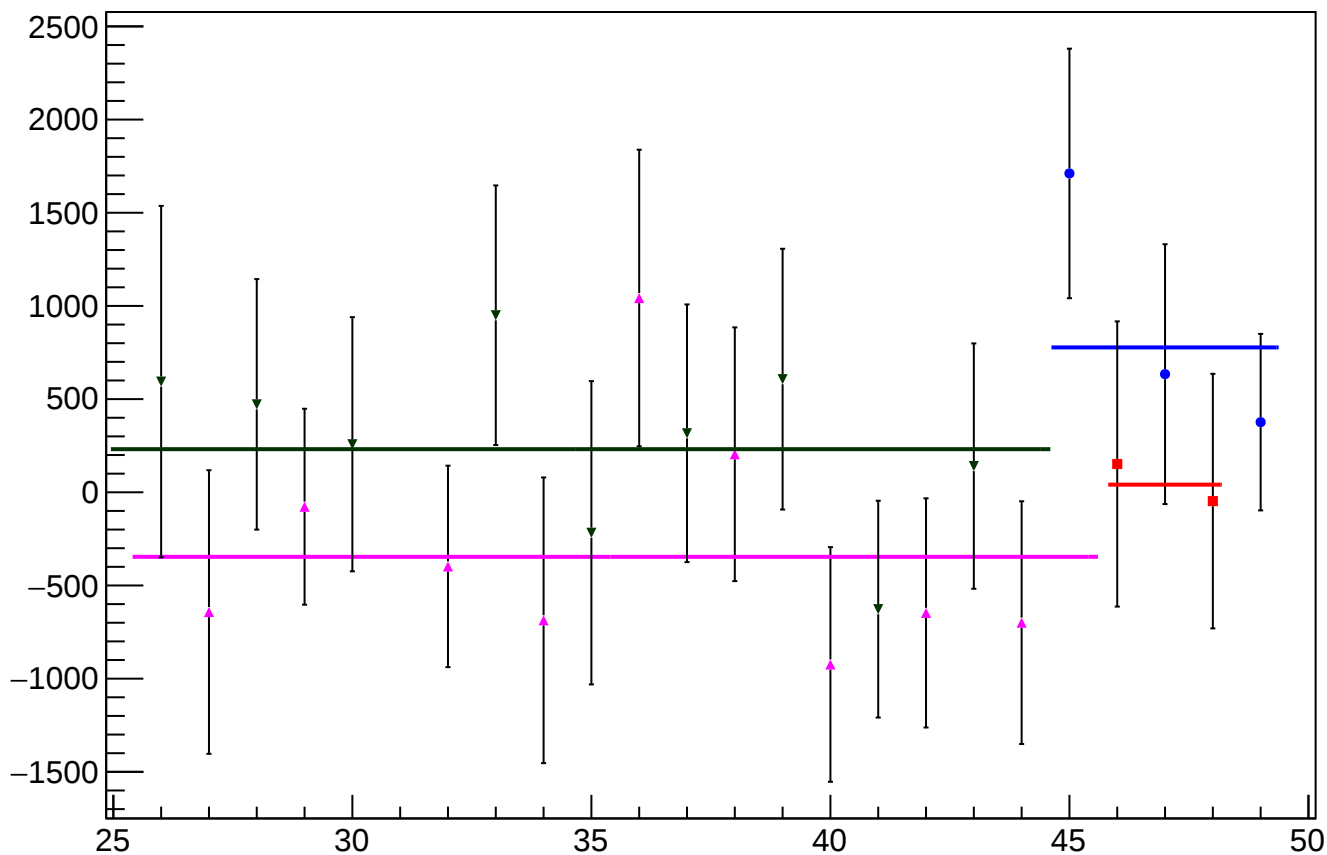
Right Out: 541.424 ± 0.412 χ^2/NDF : 1758.4/1

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

603.305 ± 0.160 χ^2/NDF : 203940.0/12

574.149 ± 0.160 χ^2/NDF : 82394.6/10

asym_usr_mean vs slug



Right In: 777.403+/-338.103 χ^2/NDF : 2.7/2

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

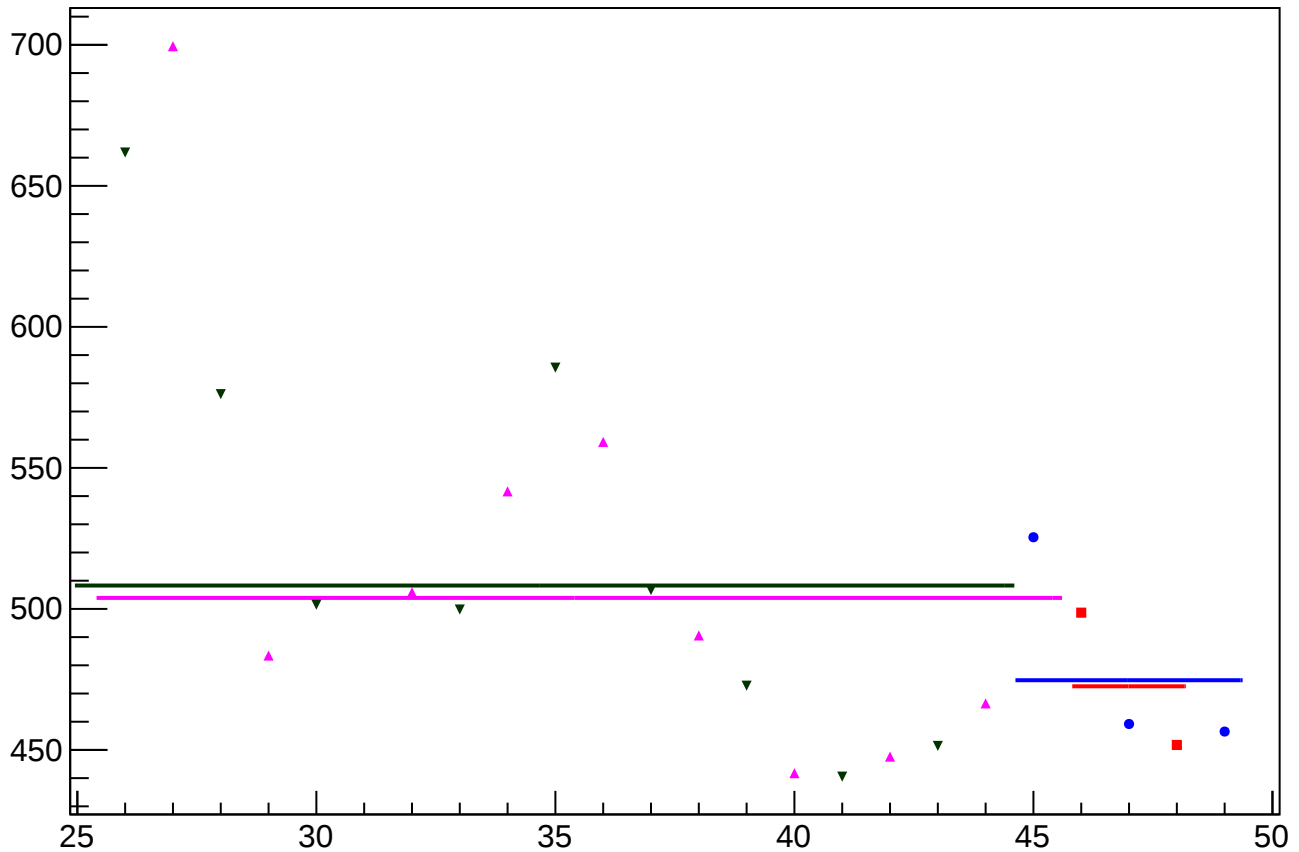
Right Out: 40.974+/-509.575 χ^2/NDF : 0.0/1

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

406.965+/-191.717 χ^2/NDF : 8.6/11

-287.966+/-197.697 χ^2/NDF : 6.2/10

asym_usr_rms vs slug



Right In: 474.715+/-0.239 χ^2/NDF : 15417.5/2

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

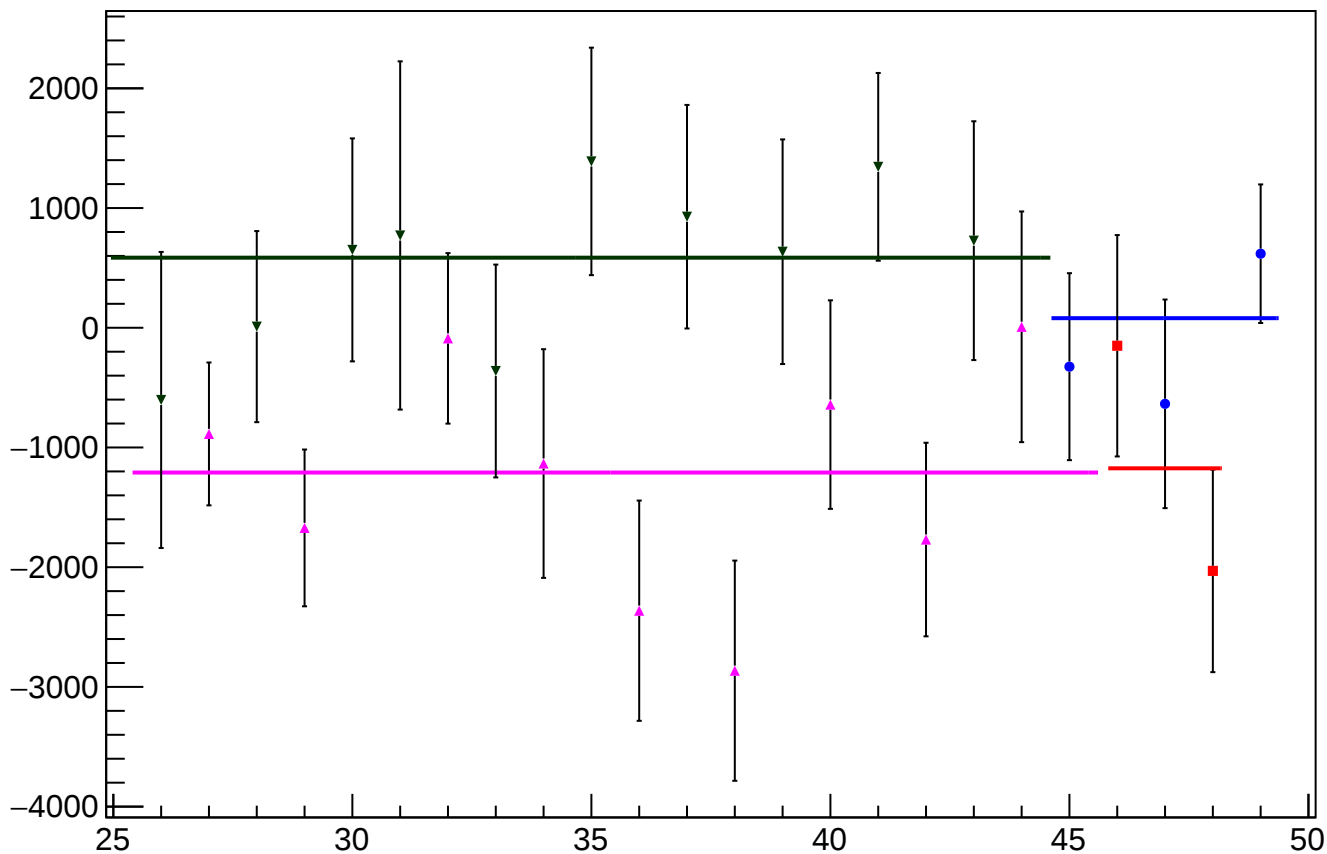
Right Out: 472.558+/-0.360 χ^2/NDF : 4182.7/1

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

497.496+/-0.136 χ^2/NDF : 167995.9/11

499.184+/-0.140 χ^2/NDF : 203961.9/10

asym_dsl_mean vs slug



Right In: 80.113 ± 410.236 $\chi^2/\text{NDF}: 1.8/2$

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

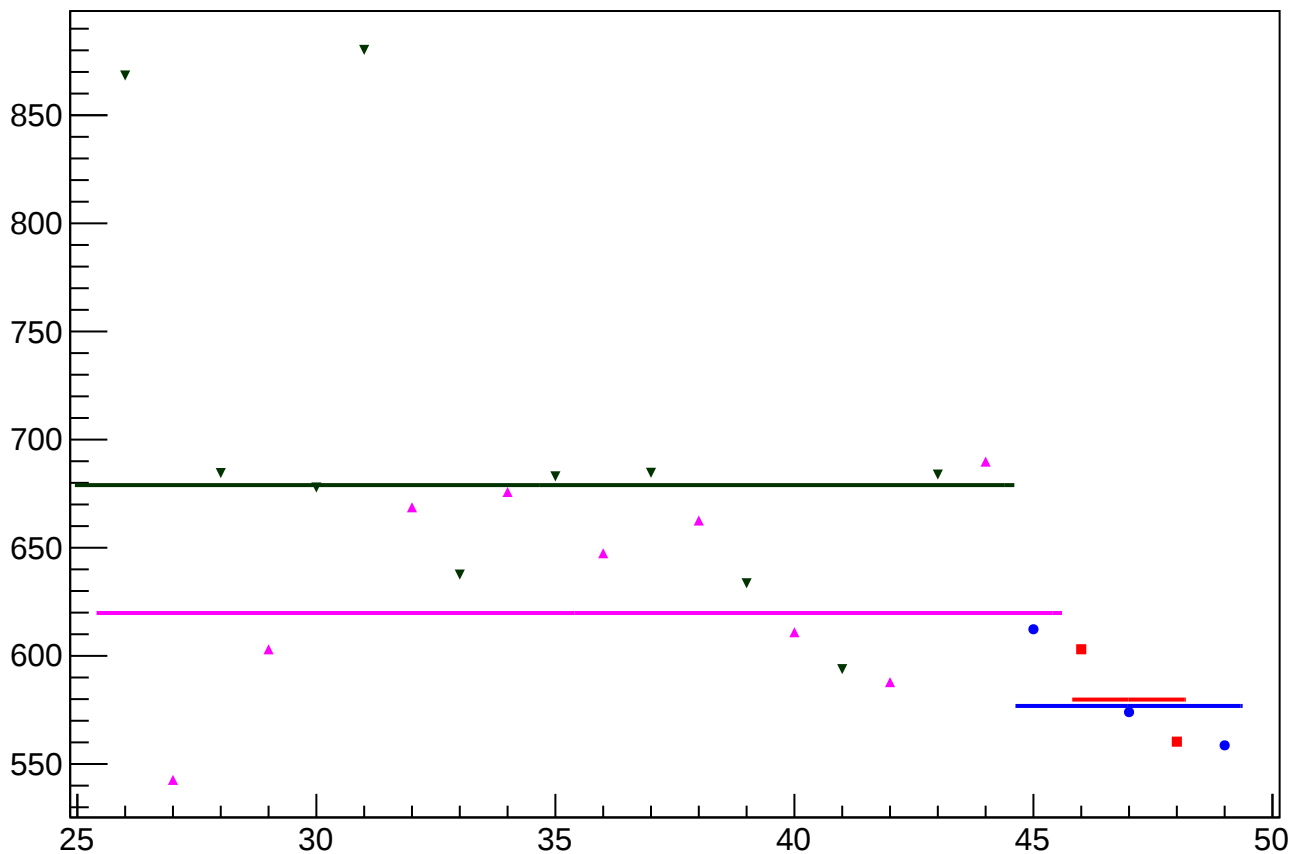
Right Out: -1174.120 ± 624.111 $\chi^2/\text{NDF}: 2.3/1$

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

409.608 ± 241.971 $\chi^2/\text{NDF}: 7.2/12$

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

asym_dsl_rms vs slug



Right In: 576.845 ± 0.290 χ^2/NDF : 6128.0/2

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

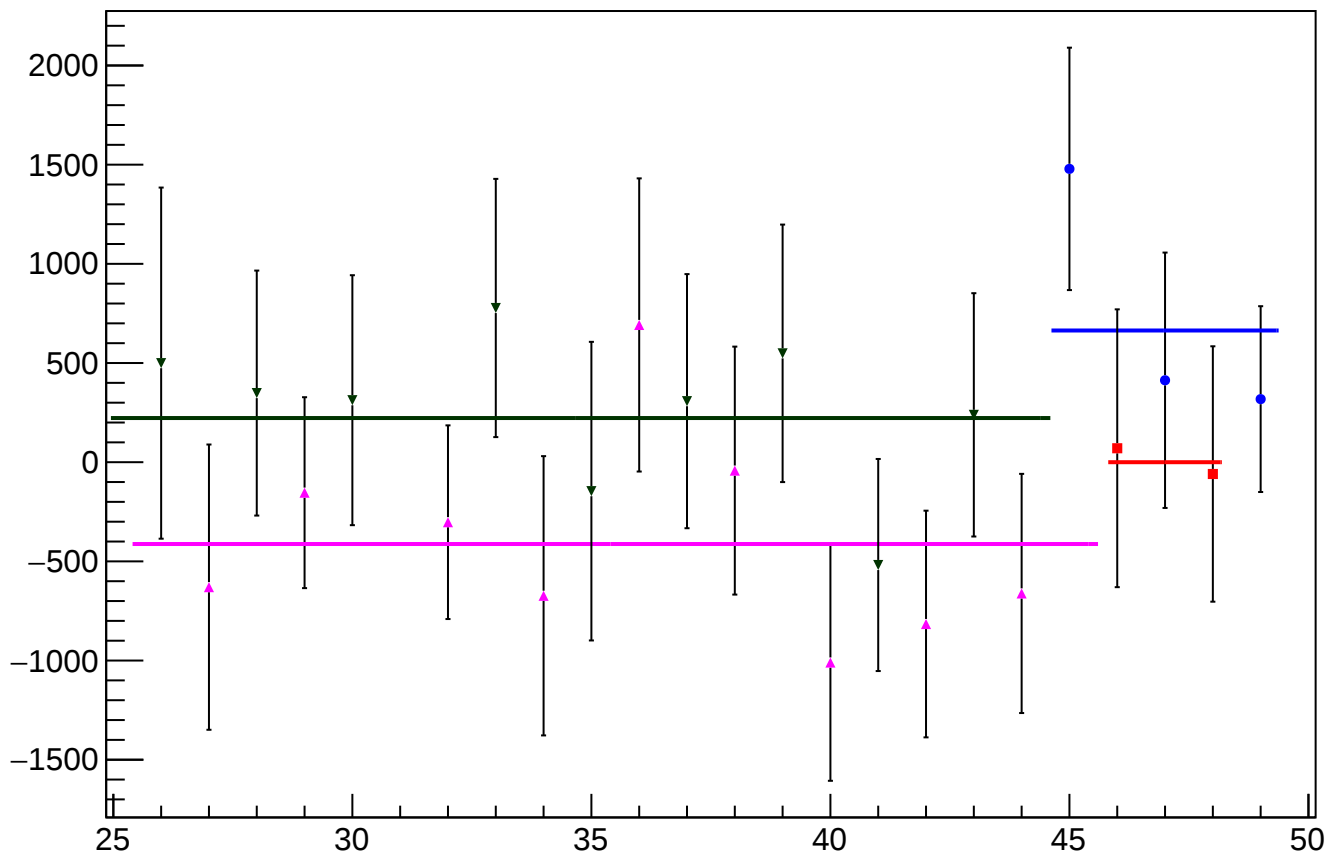
Right Out: 579.800 ± 0.441 χ^2/NDF : 2324.7/1

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

643.435 ± 0.171 χ^2/NDF : 204966.2/12

613.799 ± 0.171 χ^2/NDF : 80372.4/10

asym_dsr_mean vs slug



Right In: 663.963 $\pm$ 321.923 χ^2 /NDF: 2.5/2

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

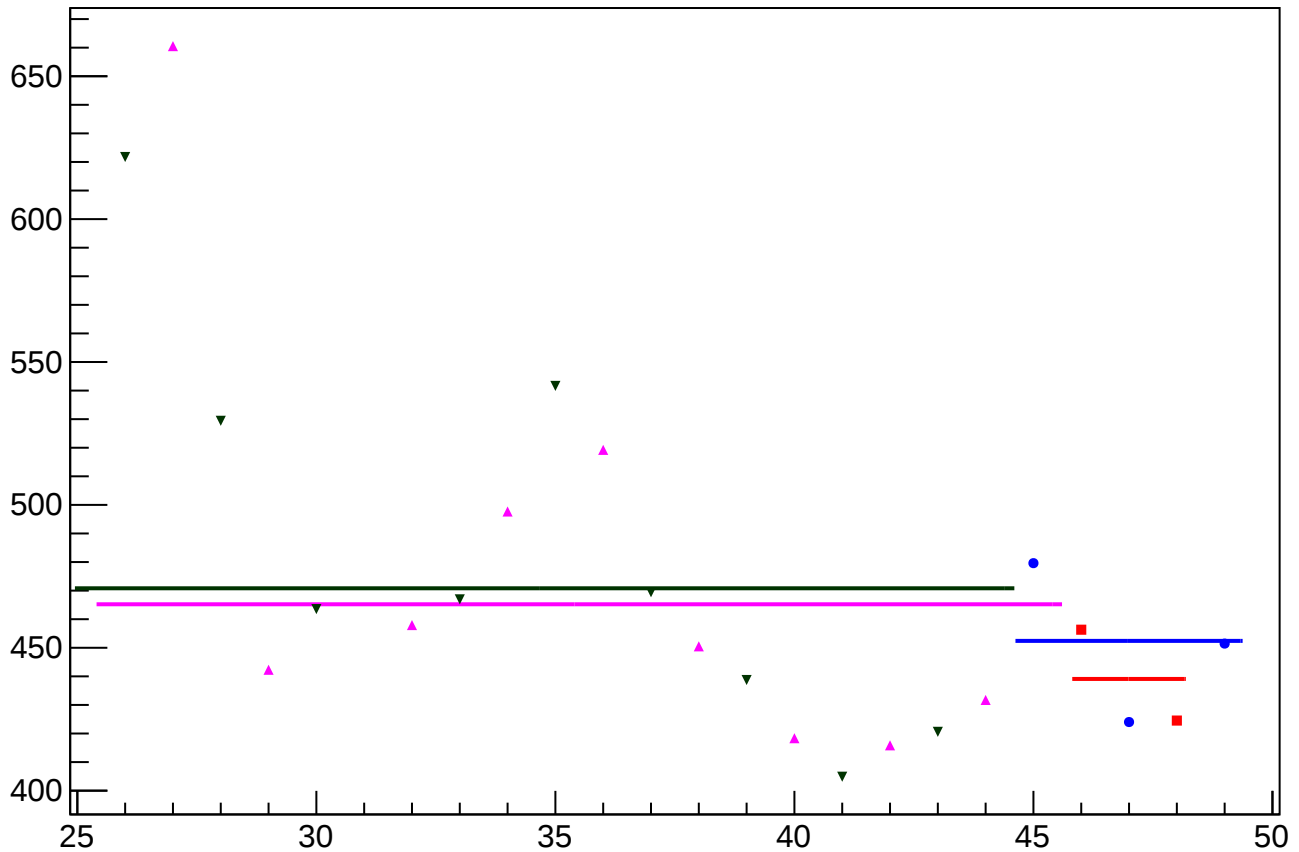
Right Out: -0.041 $\pm$ 473.964 χ^2 /NDF: 0.0/1

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

359.303 $\pm$ 179.145 χ^2 /NDF: 7.1/11

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

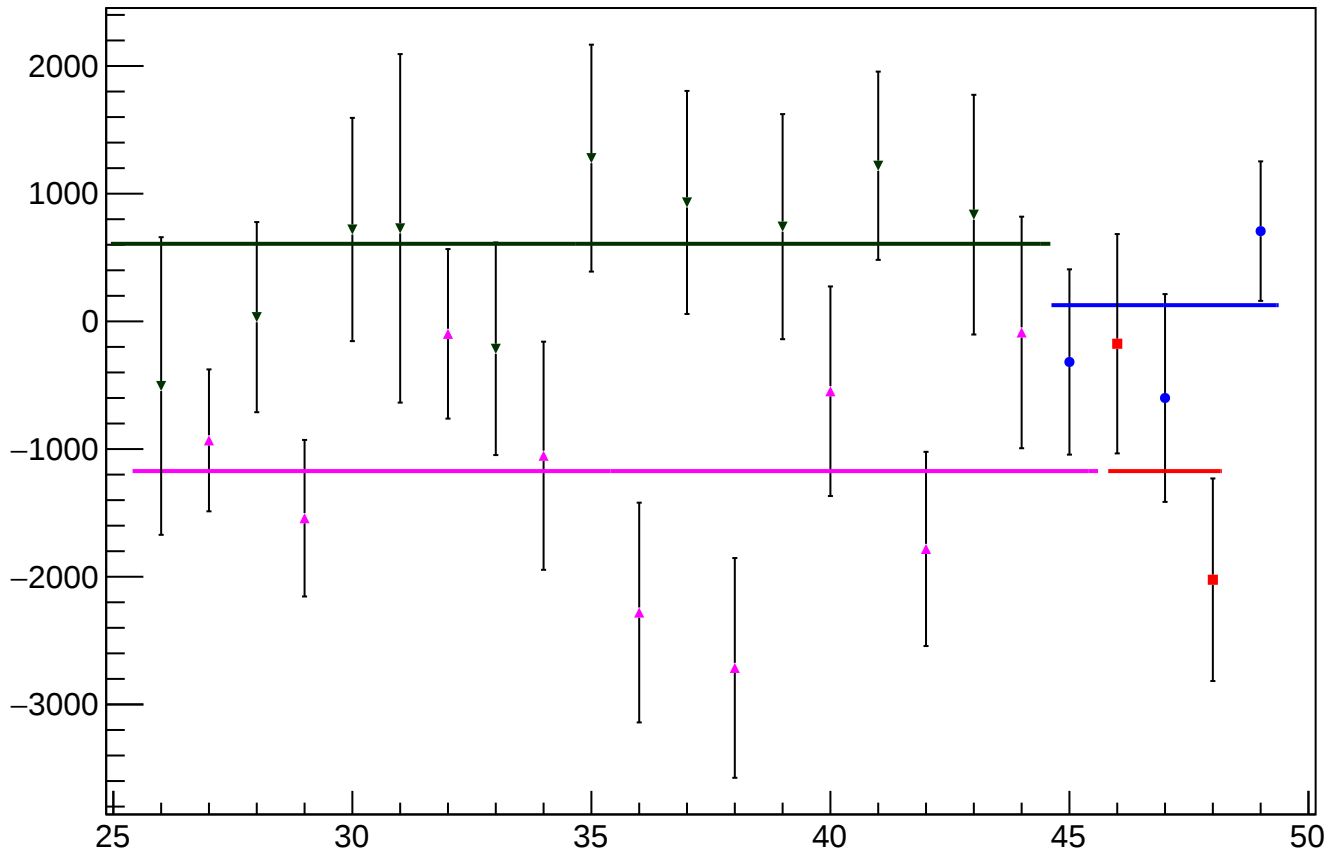
asym_dsr_rms vs slug



Right In: 452.413 ± 0.228 χ^2/NDF : 7861.9/2
 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

465.118 ± 0.127 χ^2/NDF : 155310.5/11
 461.337 ± 0.129 χ^2/NDF : 209432.6/10

cor_usl_mean vs slug



Right In: 126.971+/-384.592 χ^2/NDF : 2.3/2

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

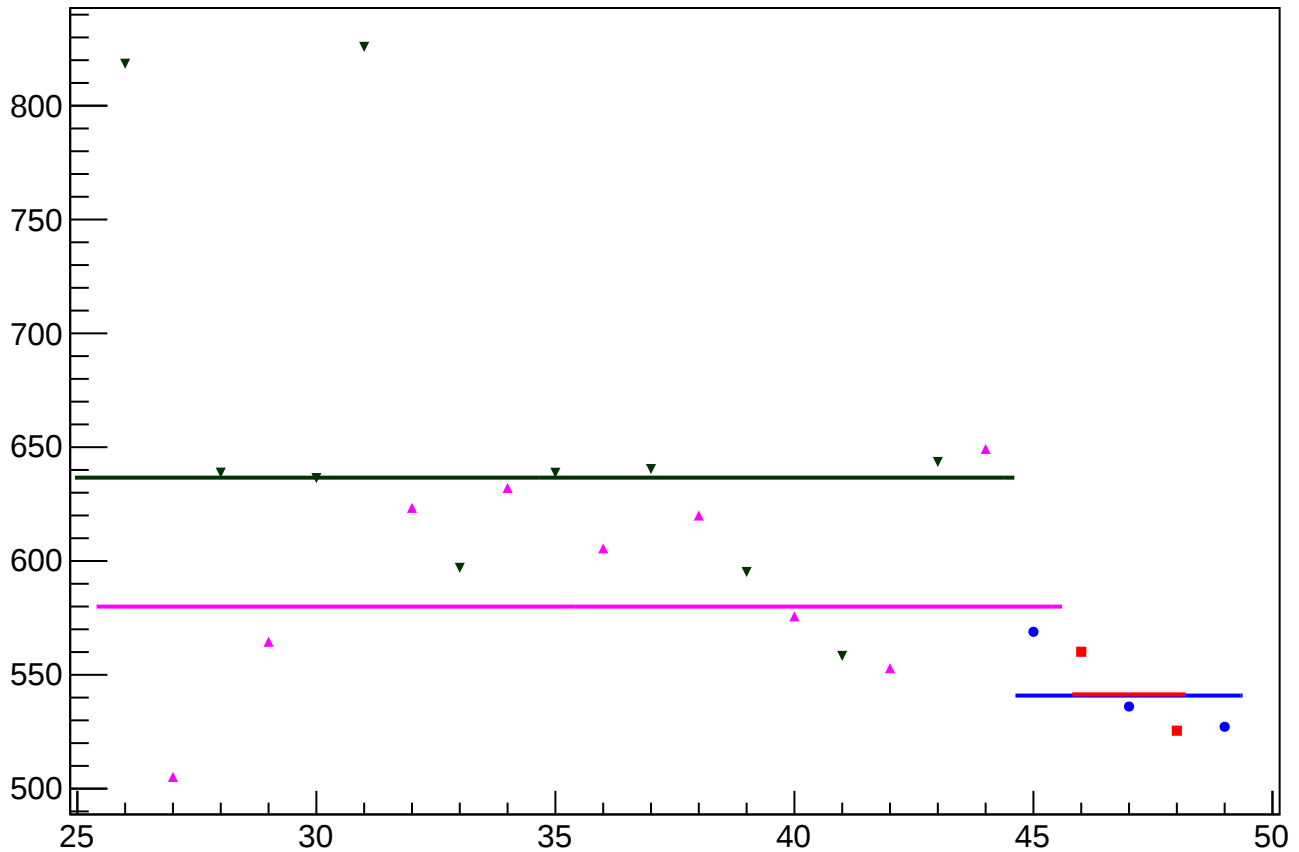
440.310+/-226.869 χ^2/NDF : 7.3/12

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



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

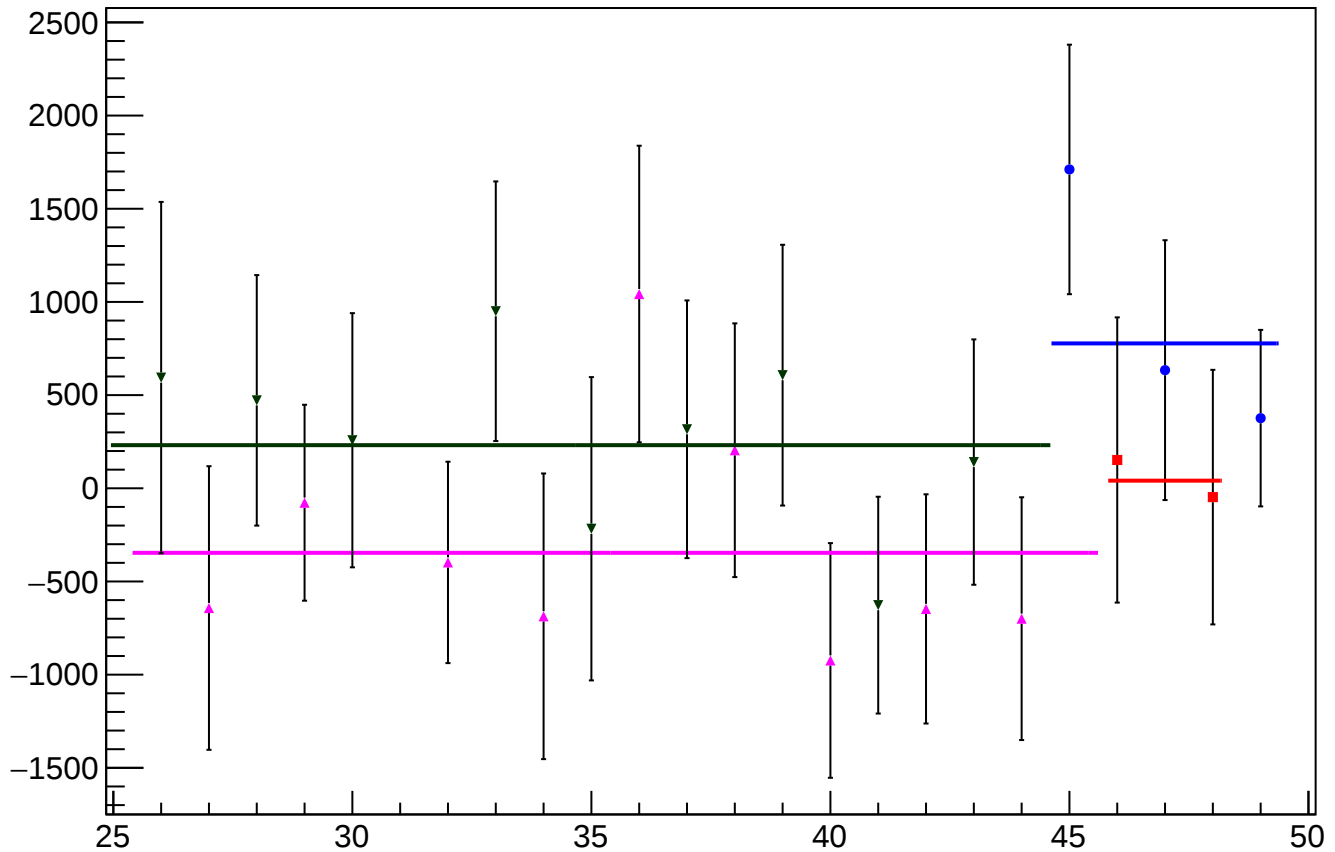
Right Out: 541.424+/-0.412 χ^2/NDF : 1758.4/1

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

603.305+/-0.160 χ^2/NDF : 203940.0/12

574.149+/-0.160 χ^2/NDF : 82394.6/10

cor_usr_mean vs slug



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Left Out: 231.411 $\pm$ 232.753 χ^2/NDF : 4.1/8

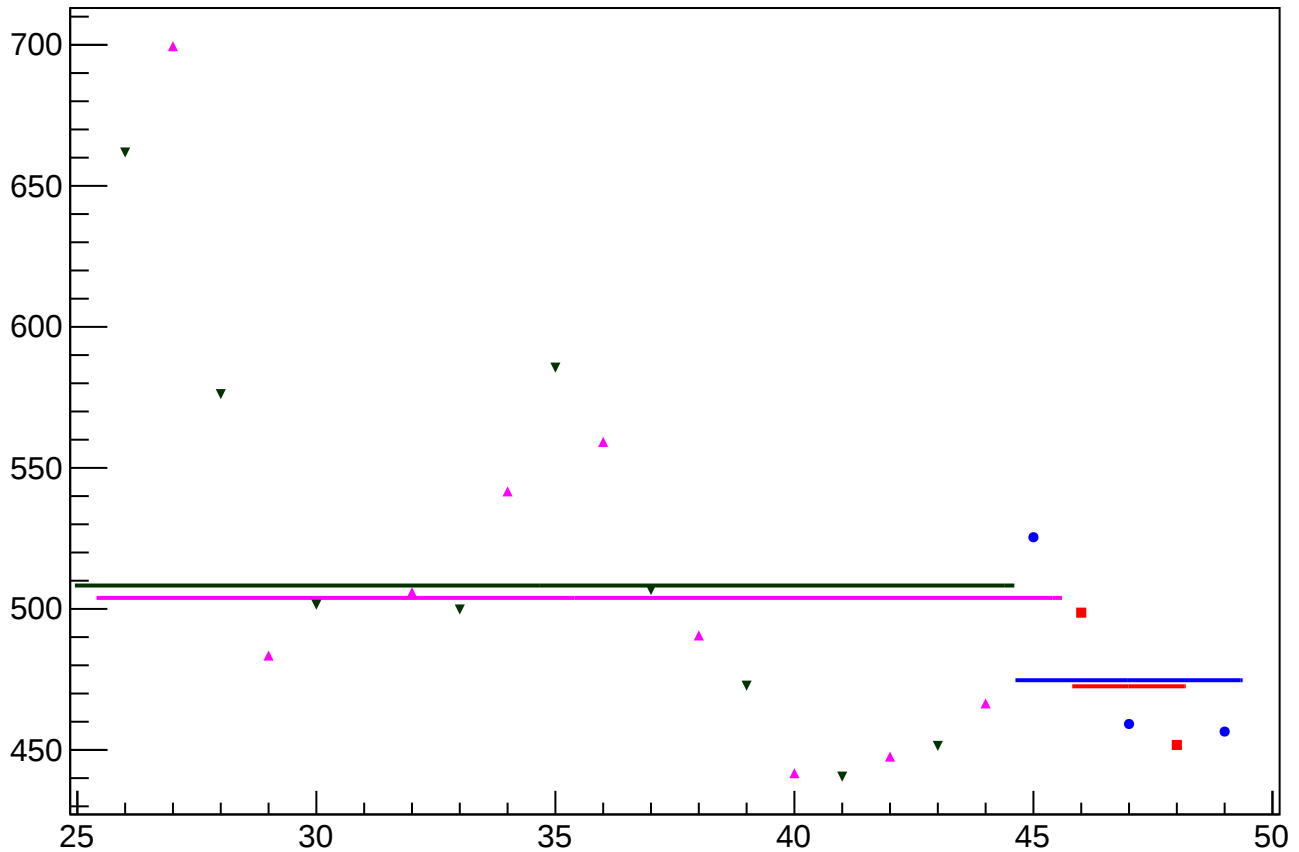
Right Out: 40.974 $\pm$ 509.575 χ^2/NDF : 0.0/1

Left In: -346.250 $\pm$ 214.497 χ^2/NDF : 5.7/8

406.965 $\pm$ 191.717 χ^2/NDF : 8.6/11

-287.966 $\pm$ 197.697 χ^2/NDF : 6.2/10

cor_usr_rms vs slug



Right In: 474.715 ± 0.239 χ^2/NDF : 15417.5/2

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

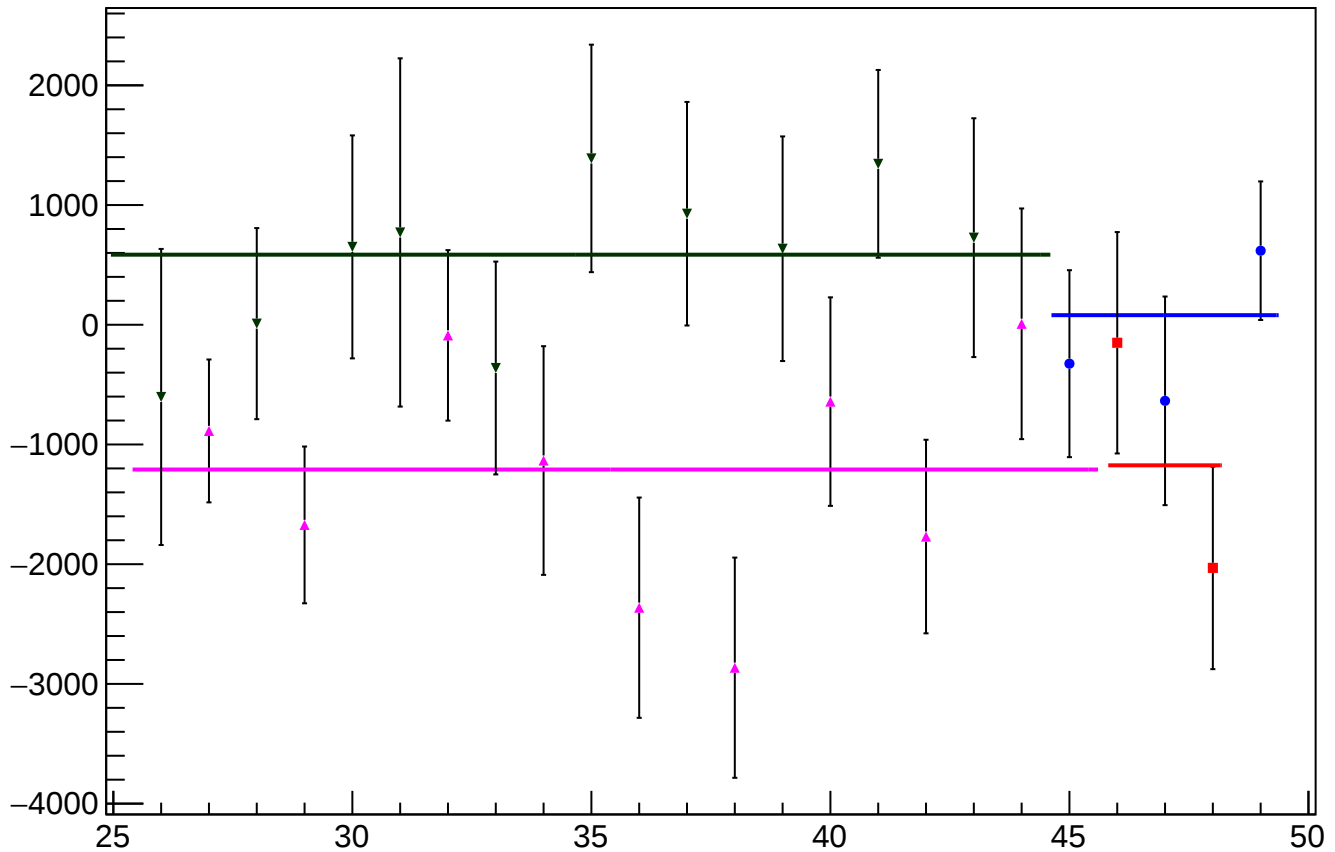
Right Out: 472.558 ± 0.360 χ^2/NDF : 4182.7/1

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

497.496 ± 0.136 χ^2/NDF : 167995.9/11

499.184 ± 0.140 χ^2/NDF : 203961.9/10

cor_dsl_mean vs slug



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

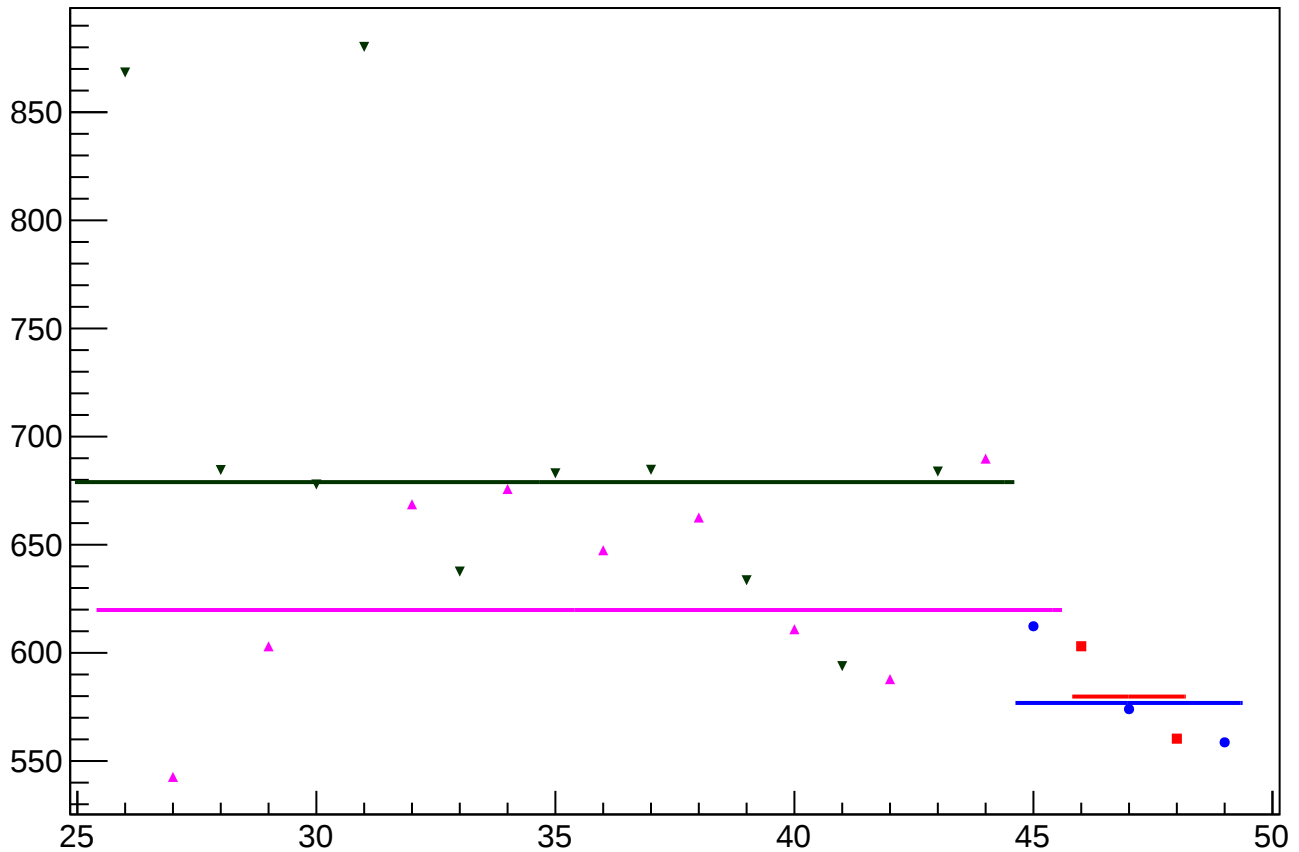
Right Out: -1174.120+/-624.111 χ^2/NDF : 2.3/1

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

409.608+/-241.971 χ^2/NDF : 7.2/12

-1203.959+/-242.078 χ^2/NDF : 12.8/10

cor_dsl_rms vs slug



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

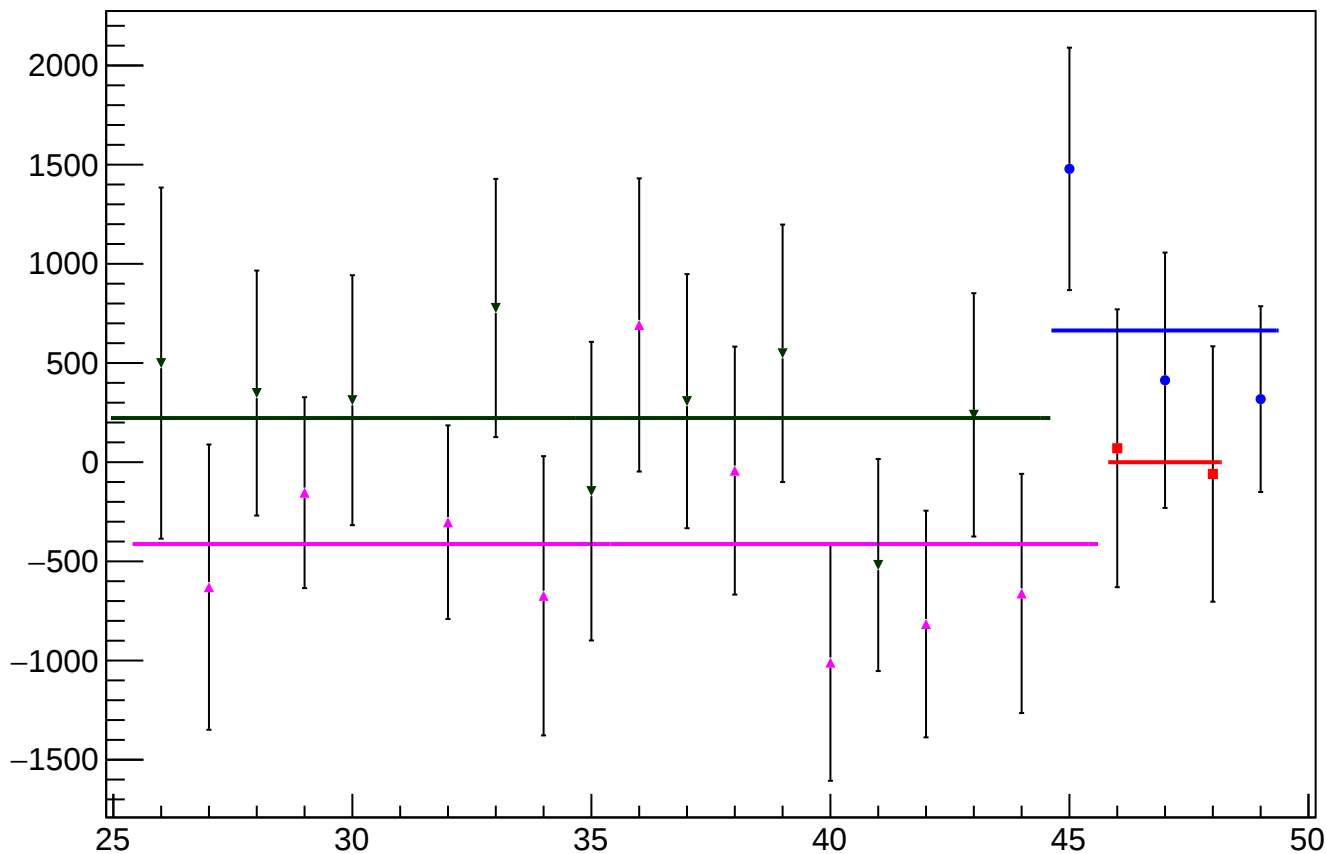
Right Out: 579.800 ± 0.441 χ^2/NDF : 2324.7/1

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

643.435 ± 0.171 χ^2/NDF : 204966.2/12

613.799 ± 0.171 χ^2/NDF : 80372.4/10

cor_dsr_mean vs slug



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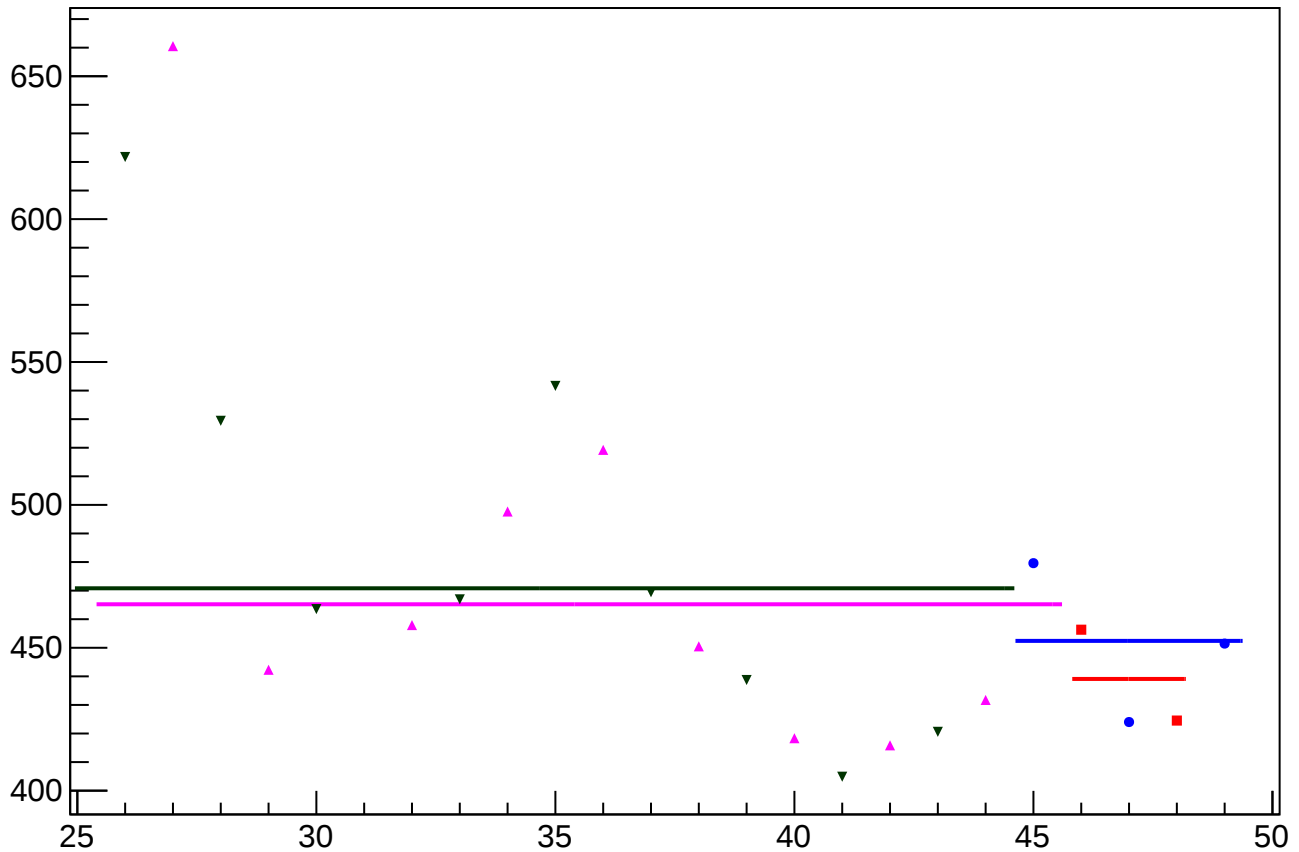
Right Out: -0.041 $\pm$ 473.964 χ^2 /NDF: 0.0/1

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

359.303 $\pm$ 179.145 χ^2 /NDF: 7.1/11

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

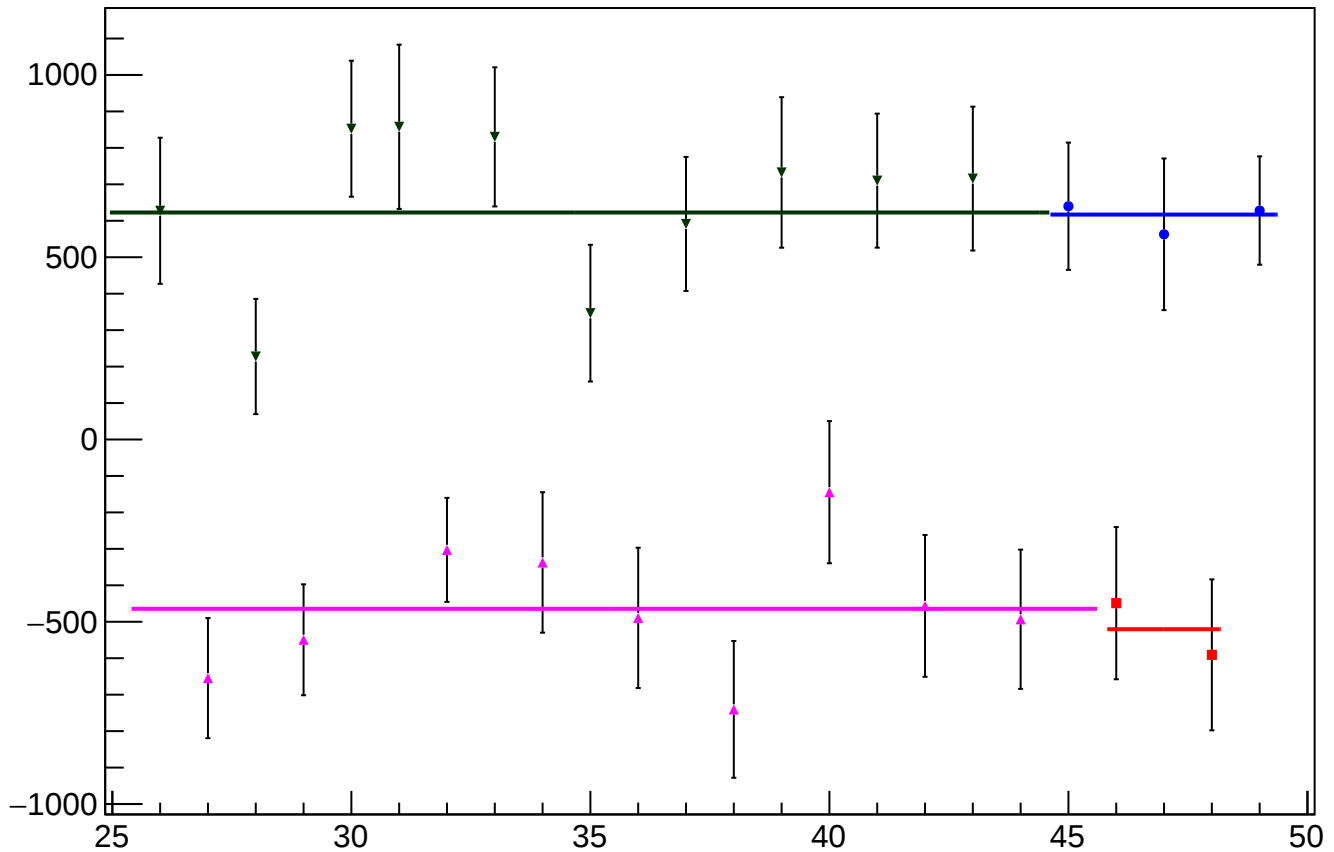
cor_dsr_rms vs slug



Right In: 452.413 ± 0.228 χ^2/NDF : 7861.9/2
 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

465.118 ± 0.127 χ^2/NDF : 155310.5/11
 461.337 ± 0.129 χ^2/NDF : 209432.6/10

reg_asym_usl_mean vs slug



Right In: 617.048 $\pm$ 99.414 χ^2/NDF : 0.1/2

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

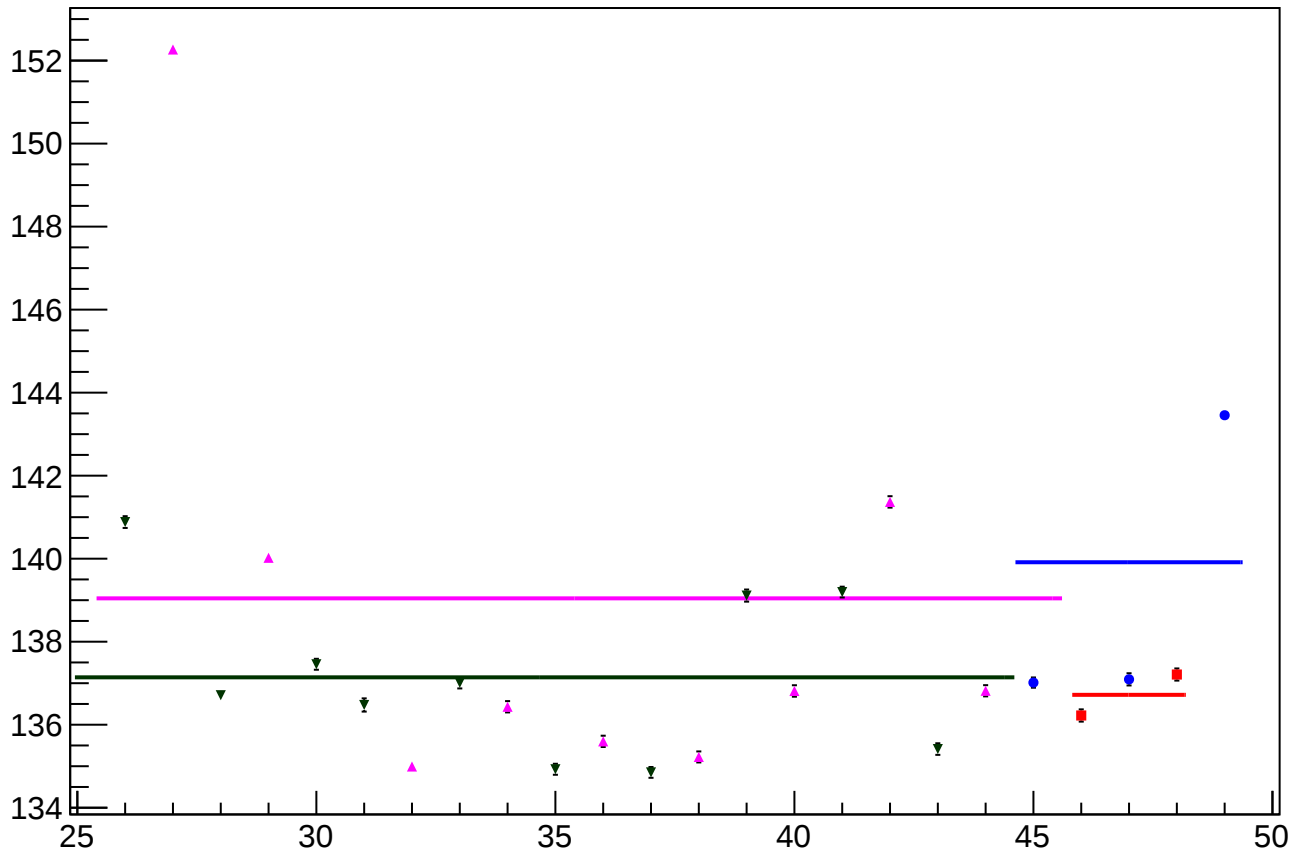
621.209 $\pm$ 51.385 χ^2/NDF : 13.1/12

Right Out: -520.430 $\pm$ 147.017 χ^2/NDF : 0.2/1

-472.025 $\pm$ 54.398 χ^2/NDF : 8.6/10

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

reg_asym_usl_rms vs slug



Right In: 139.914 ± 0.070 χ^2/NDF : 2055.0/2

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

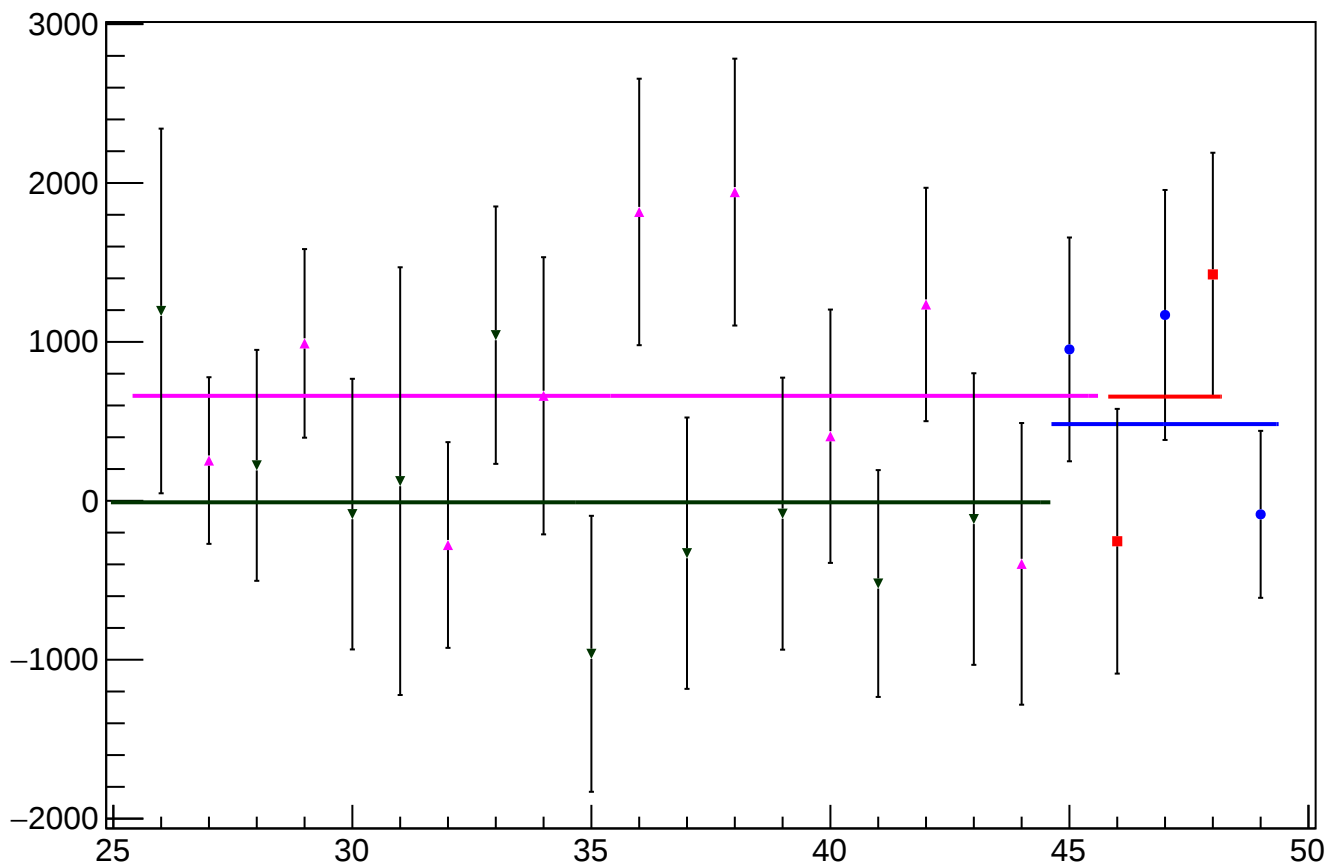
Right Out: 136.720 ± 0.104 χ^2/NDF : 22.5/1

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

137.882 ± 0.036 χ^2/NDF : 5104.7/12

138.726 ± 0.038 χ^2/NDF : 17686.5/10

asym_usl_correction_mean vs slug



Right In: 482.791 $\pm$ 371.217 χ^2/NDF : 2.4/2

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

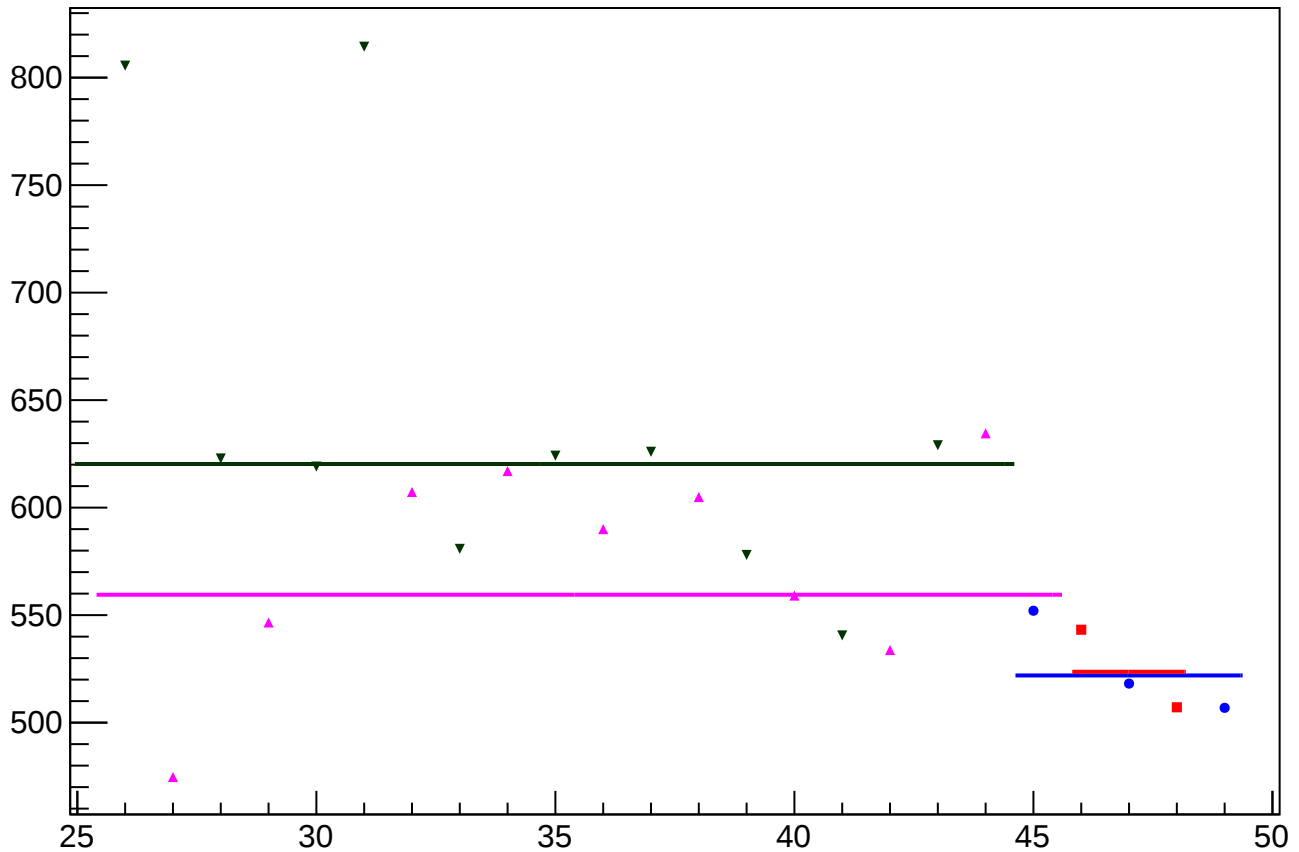
Right Out: 655.711 $\pm$ 563.697 χ^2/NDF : 2.2/1

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

164.171 $\pm$ 220.435 χ^2/NDF : 8.3/12

659.899 $\pm$ 218.913 χ^2/NDF : 11.6/10

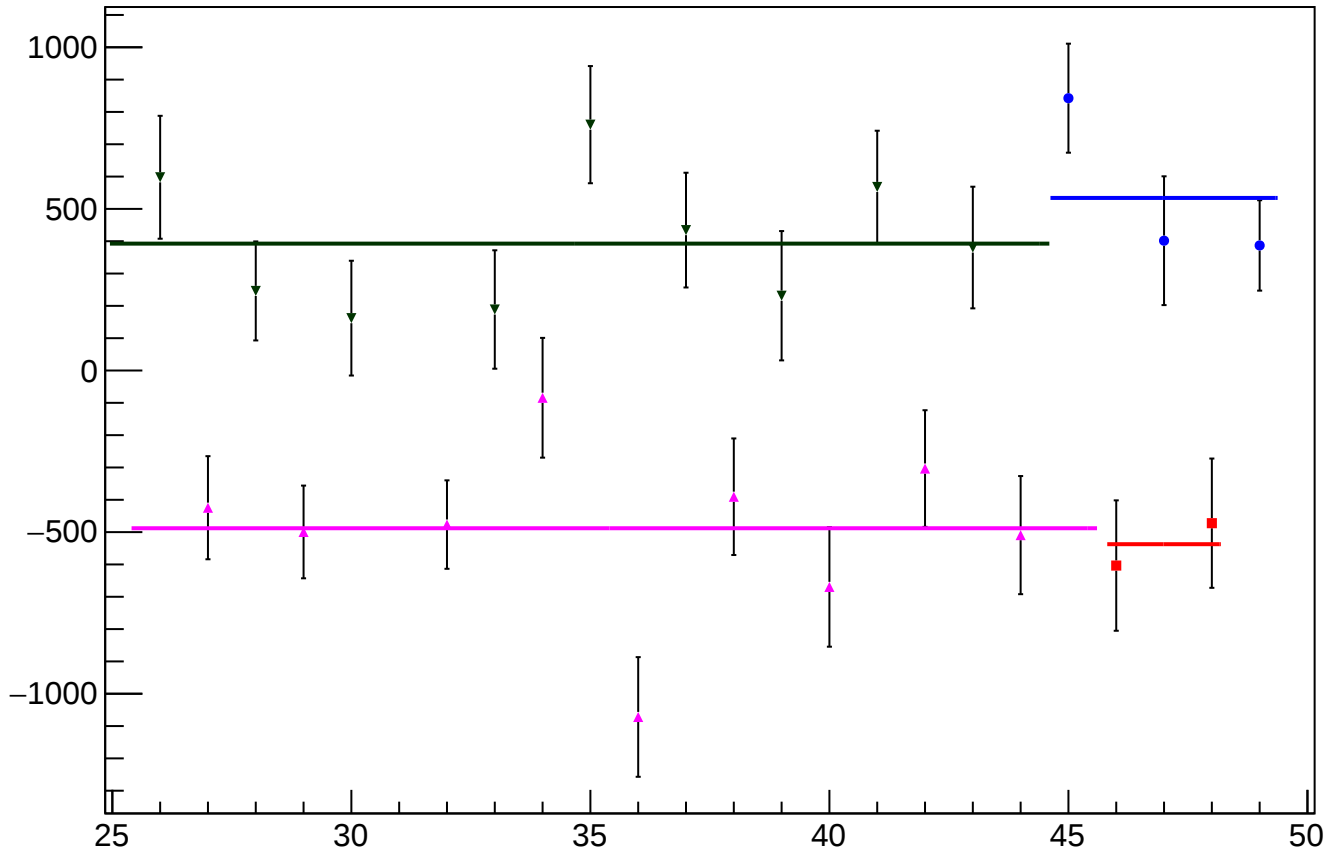
asym_usl_correction_rms vs slug



Right In: 521.942 ± 0.262 χ^2/NDF : 5344.1/2
 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

585.612 ± 0.156 χ^2/NDF : 224896.2/12
 554.076 ± 0.155 χ^2/NDF : 107026.1/10

reg_asym_usr_mean vs slug



Right In: 533.907 $\pm$ 94.705 χ^2/NDF : 4.9/2

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

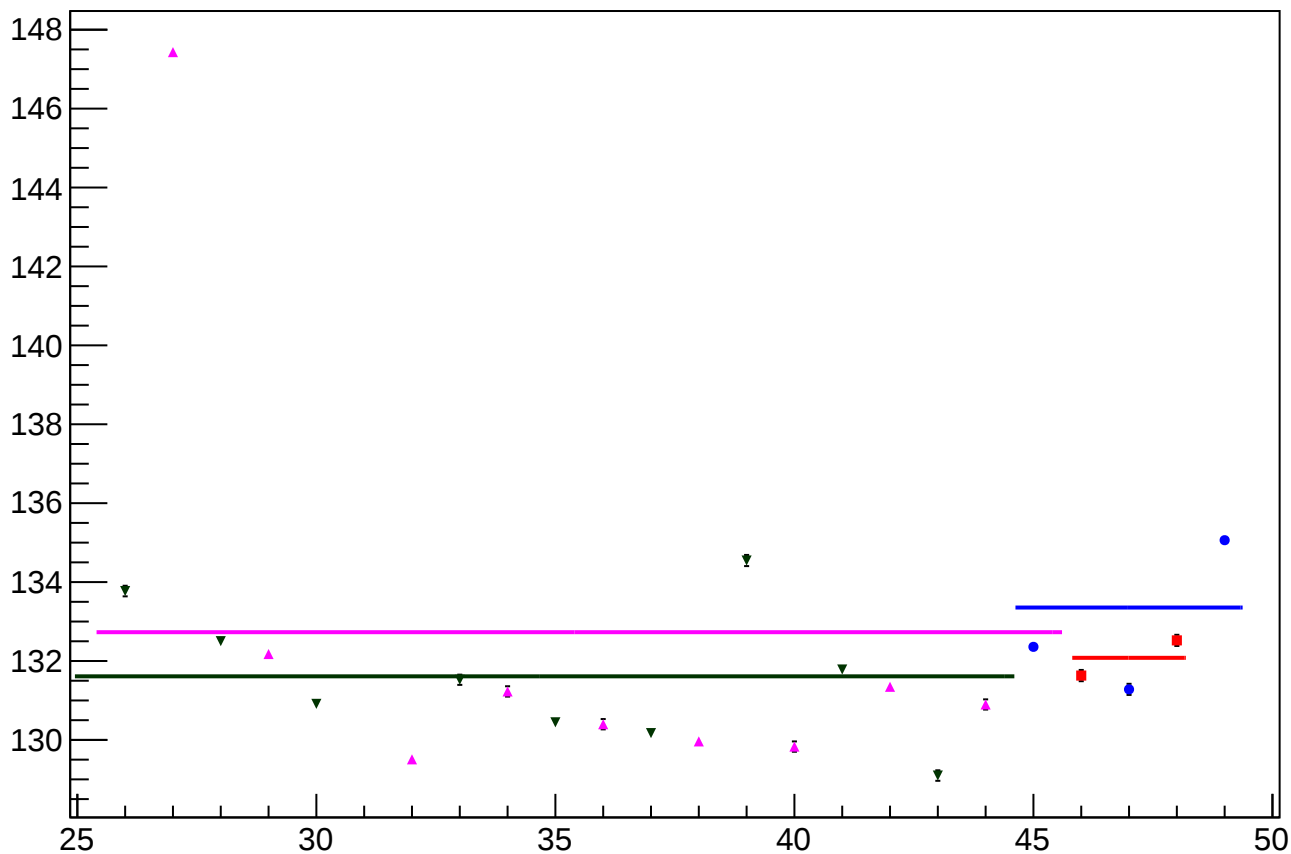
Right Out: -537.331 $\pm$ 142.028 χ^2/NDF : 0.2/1

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

432.793 $\pm$ 50.524 χ^2/NDF : 17.3/11

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

reg_asym_usr_rms vs slug



Right In: 133.355 ± 0.067 χ^2/NDF : 584.5/2

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

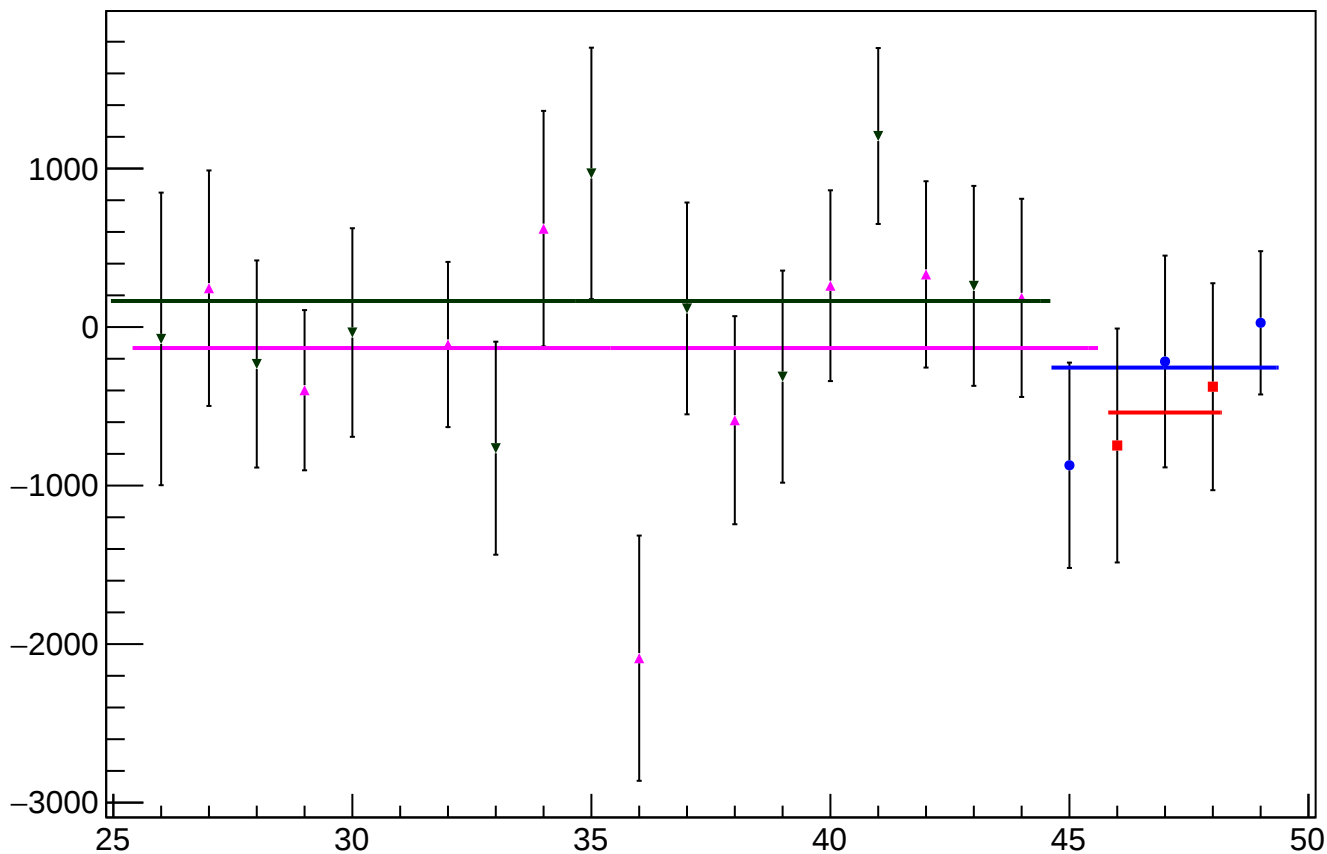
Right Out: 132.081 ± 0.100 χ^2/NDF : 19.7/1

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

132.108 ± 0.036 χ^2/NDF : 2430.9/11

132.643 ± 0.037 χ^2/NDF : 19916.4/10

asym_usr_correction_mean vs slug



Right In: -255.718+/-324.100 χ^2/NDF : 1.3/2

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

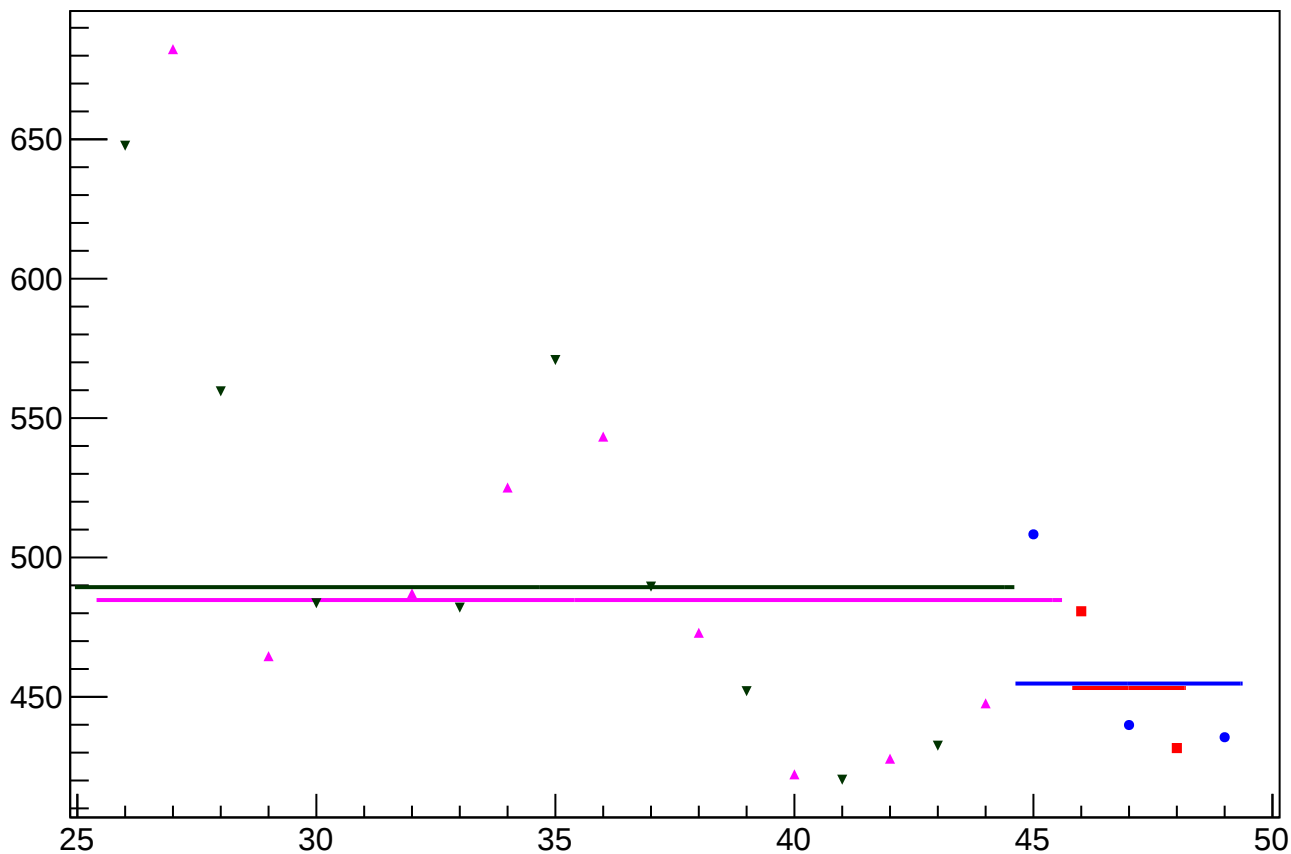
Right Out: -539.153+/-488.910 χ^2/NDF : 0.1/1

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

28.244+/-184.462 χ^2/NDF : 10.0/11

-193.950+/-190.300 χ^2/NDF : 10.5/10

asym_usr_correction_rms vs slug



Right In: 454.779+/-0.229 χ^2/NDF : 18279.6/2

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

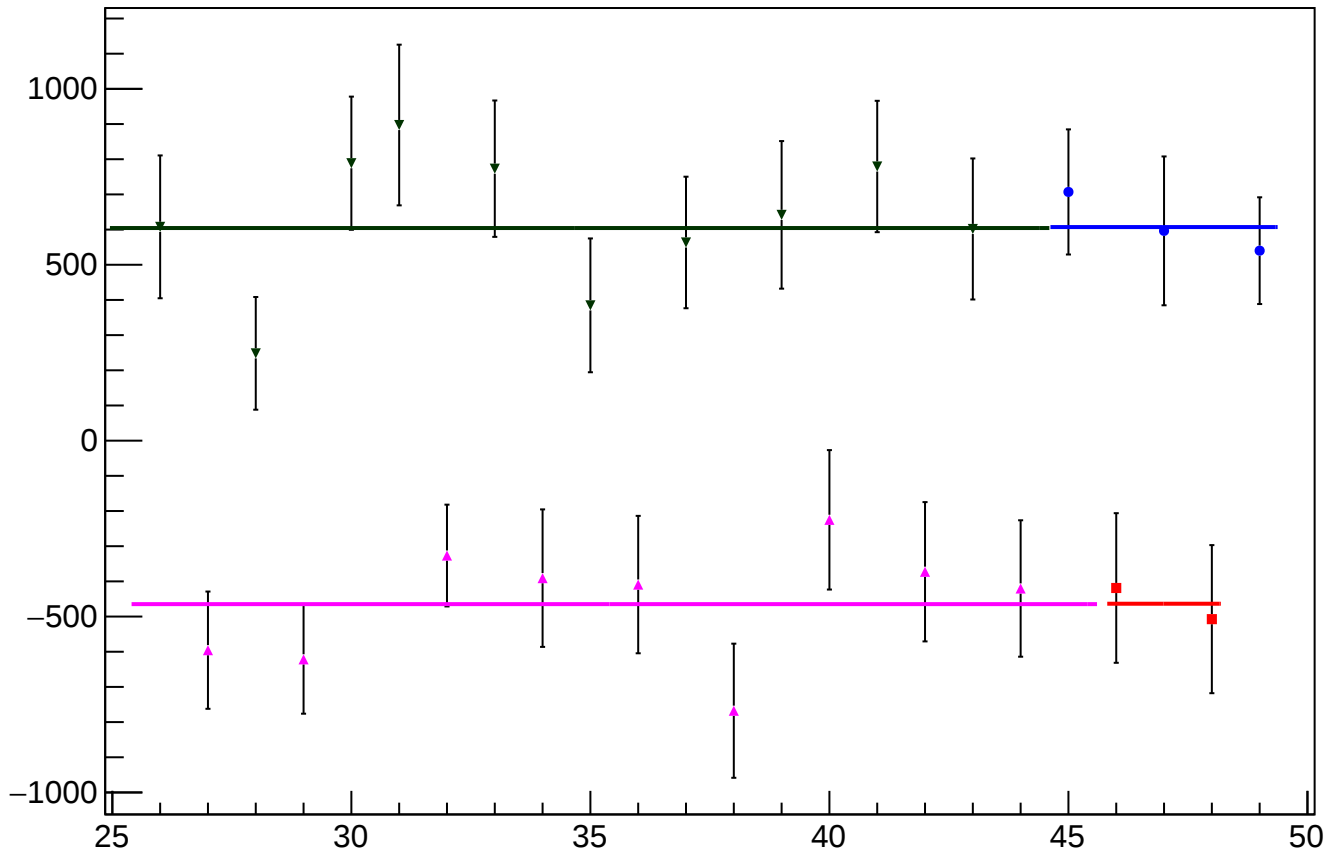
478.159+/-0.130 χ^2/NDF : 190627.6/11

Right Out: 453.181+/-0.346 χ^2/NDF : 4961.5/1

479.953+/-0.135 χ^2/NDF : 222188.6/10

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

reg_asym_dsl_mean vs slug



Right In: 607.168 ± 101.326 χ^2/NDF : 0.5/2

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

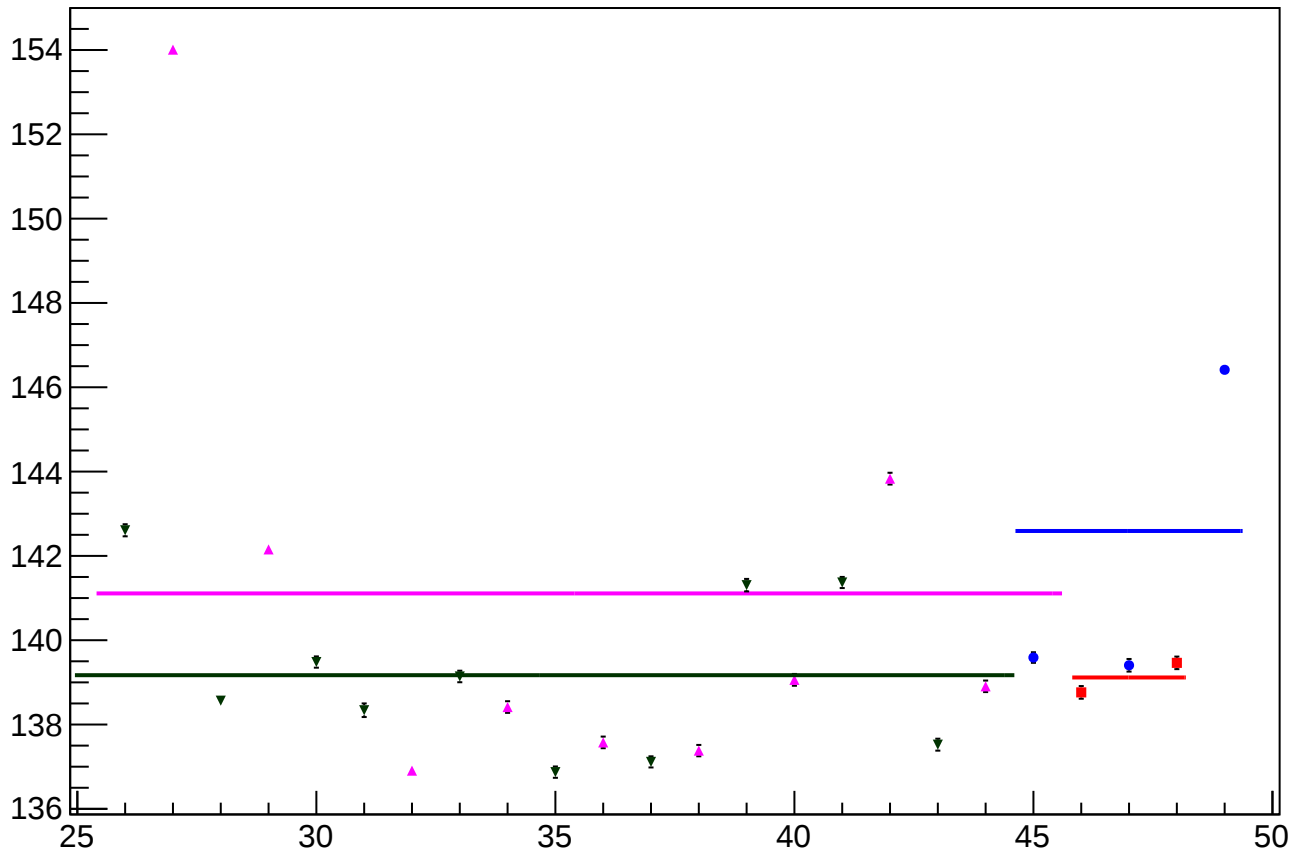
Right Out: -463.540 ± 149.597 χ^2/NDF : 0.1/1

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

605.150 ± 52.207 χ^2/NDF : 11.1/12

-464.521 ± 55.230 χ^2/NDF : 7.1/10

reg_asym_dsl_rms vs slug



Right In: 142.591 ± 0.072 χ^2/NDF : 2293.2/2

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

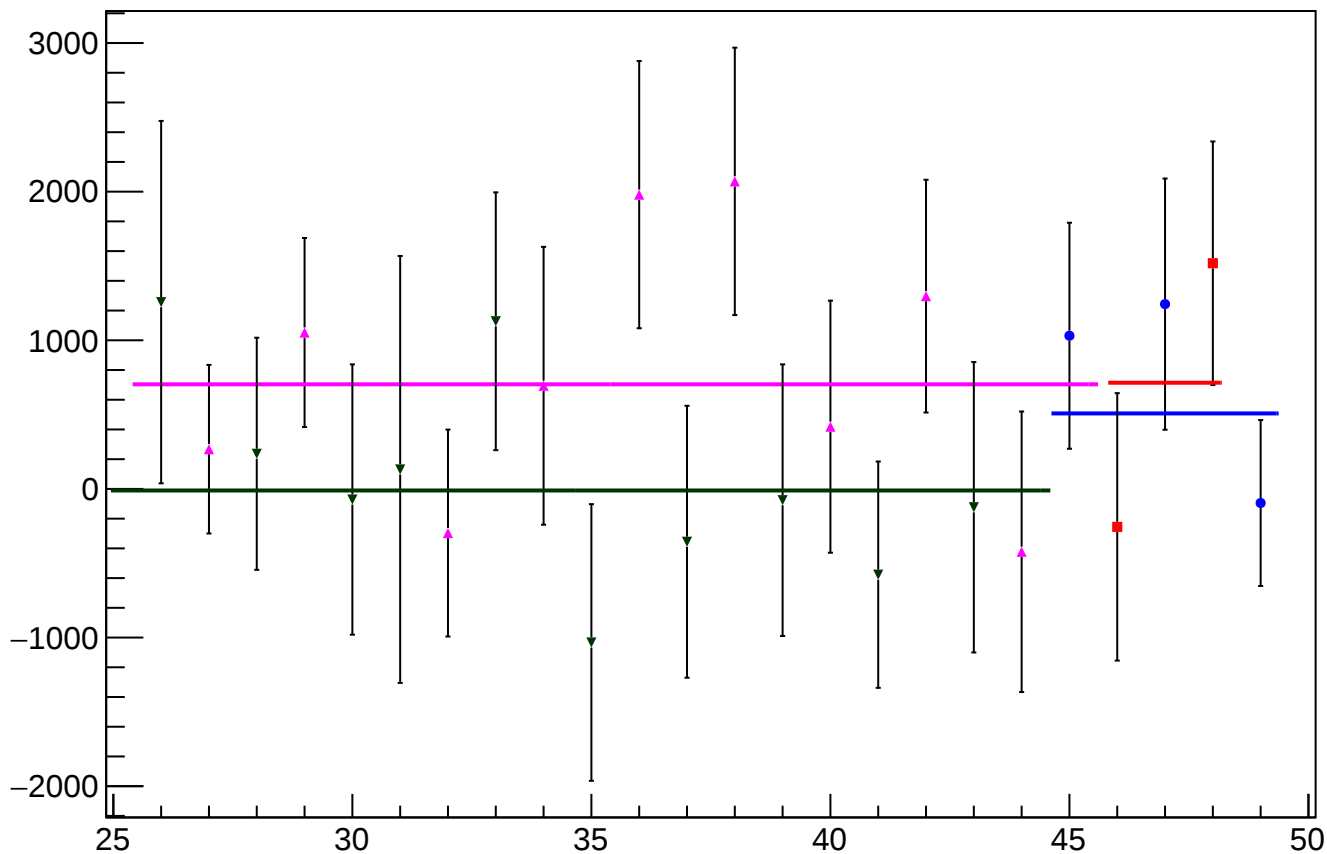
Right Out: 139.116 ± 0.106 χ^2/NDF : 11.0/1

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

140.079 ± 0.037 χ^2/NDF : 5755.4/12

140.838 ± 0.039 χ^2/NDF : 16726.9/10

asym_dsl_correction_mean vs slug



Right In: 507.911 $\pm$ 397.178 χ^2 /NDF: 2.4/2

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

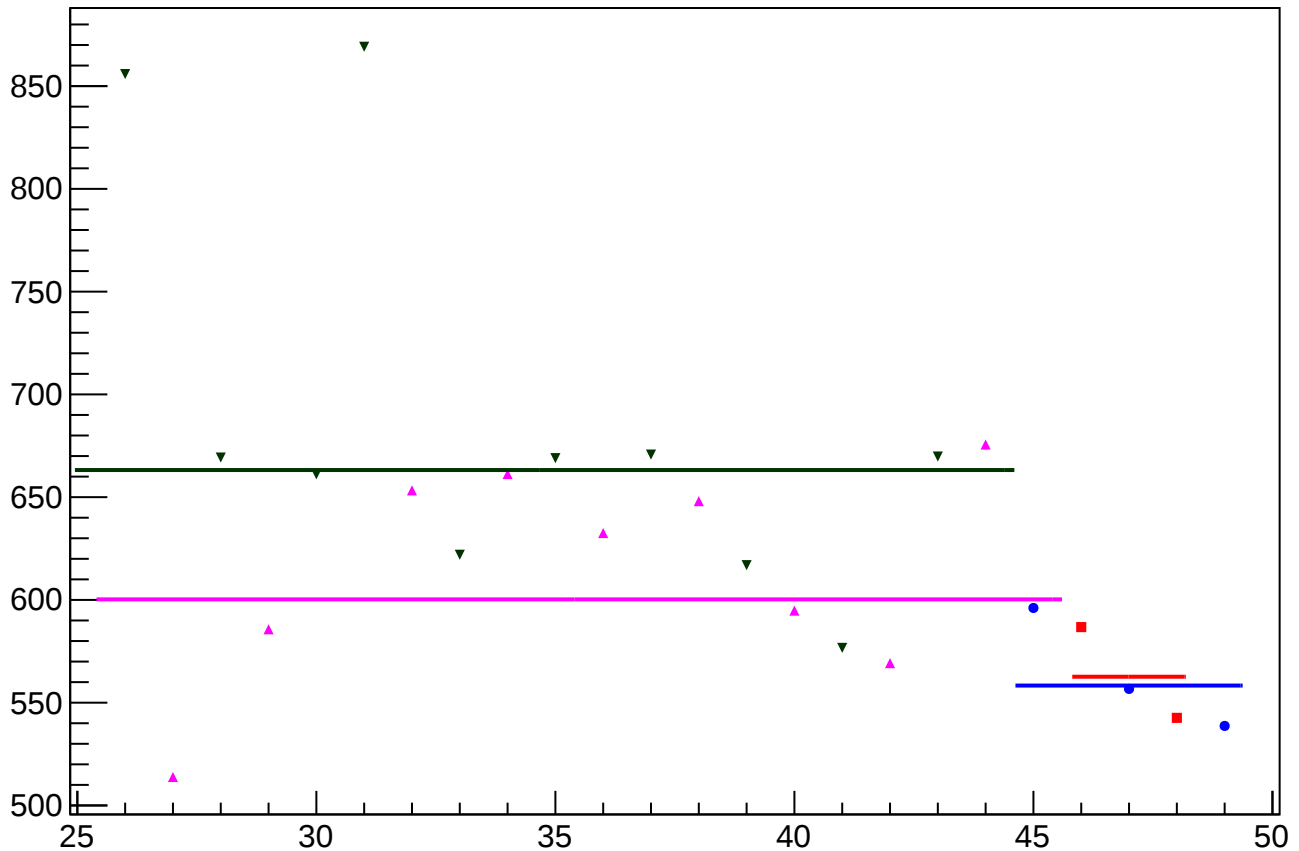
Right Out: 714.558 $\pm$ 605.721 χ^2 /NDF: 2.1/1

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

172.137 $\pm$ 235.730 χ^2 /NDF: 8.3/12

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

asym_dsl_correction_rms vs slug



Right In: 558.336 ± 0.281 χ^2/NDF : 7415.4/2

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

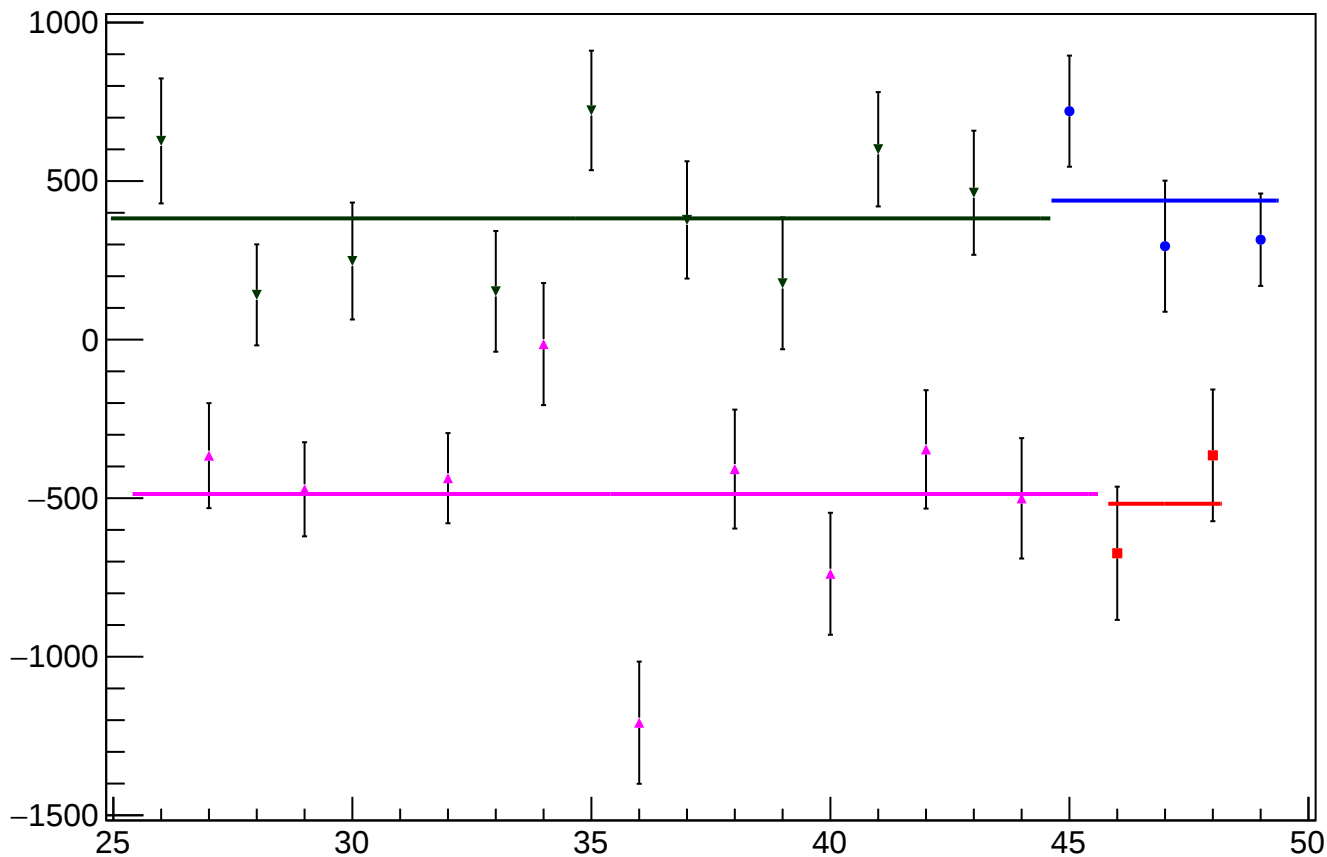
Right Out: 562.636 ± 0.428 χ^2/NDF : 2634.6/1

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

626.258 ± 0.167 χ^2/NDF : 224706.5/12

594.611 ± 0.166 χ^2/NDF : 101003.4/10

reg_asym_dsr_mean vs slug



Right In: 438.529 $\pm$ 98.500 χ^2 /NDF: 3.8/2

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

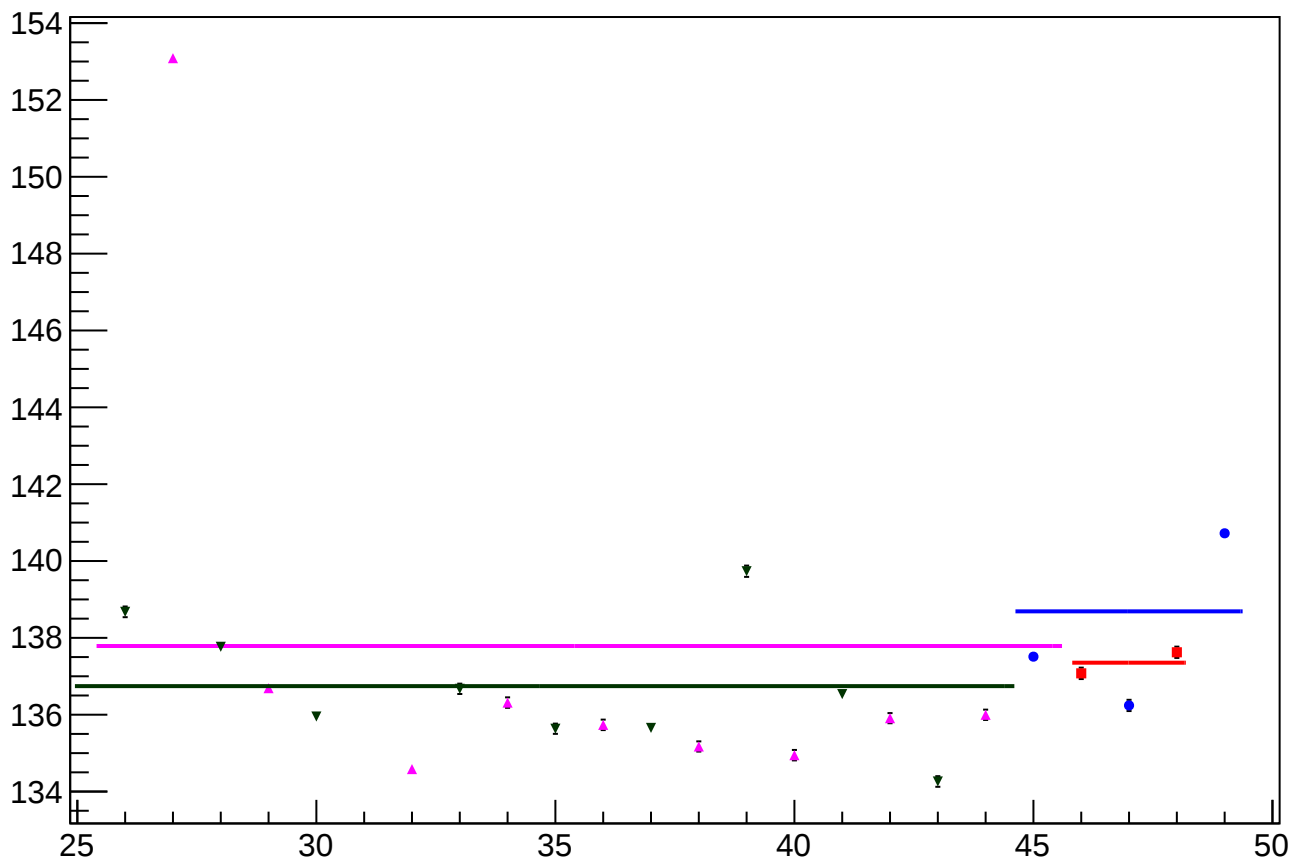
Right Out: -517.605 $\pm$ 147.705 χ^2 /NDF: 1.1/1

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

398.294 $\pm$ 52.512 χ^2 /NDF: 15.7/11

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

reg_asym_dsr_rms vs slug



Right In: 138.690+/-0.070 χ^2/NDF : 759.9/2

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

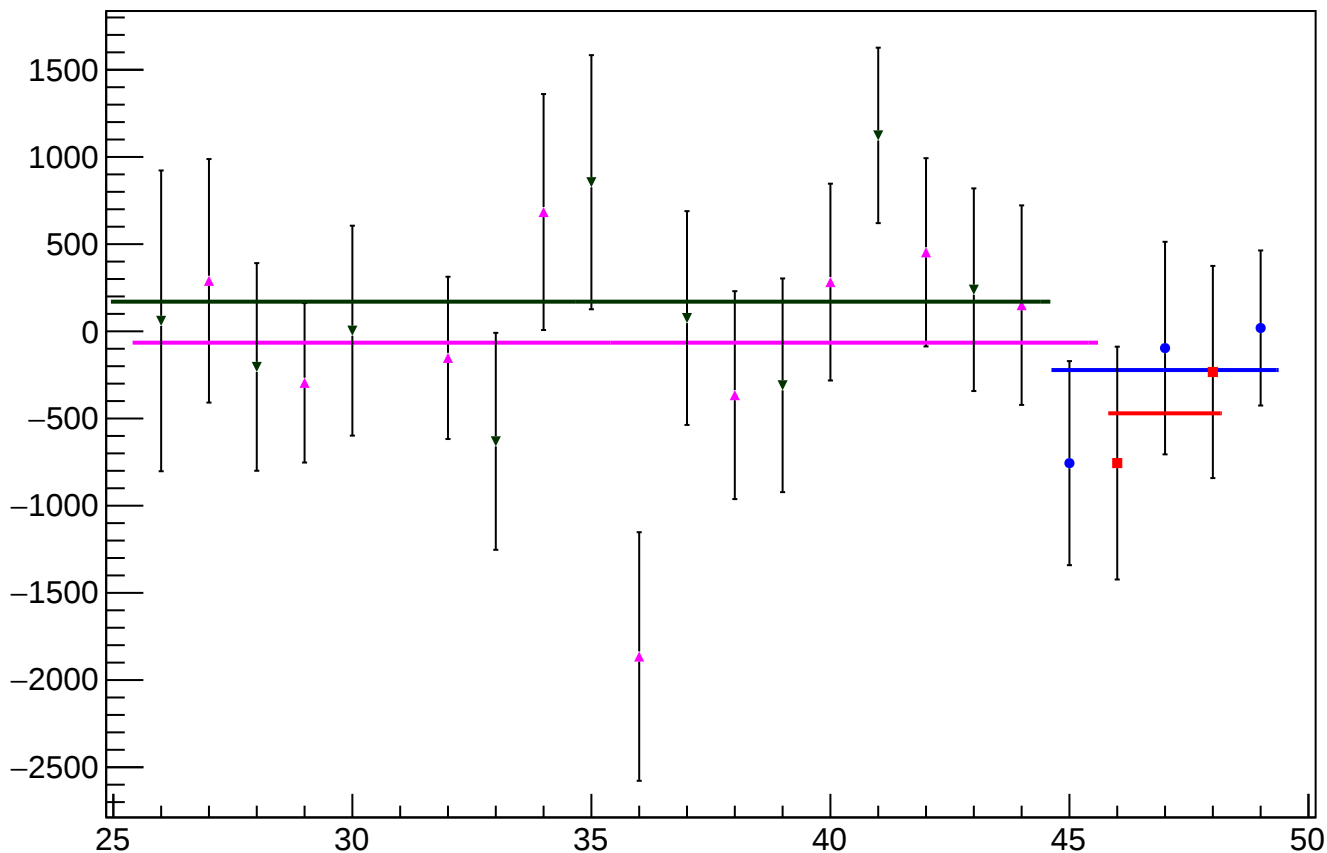
Right Out: 137.354+/-0.104 χ^2/NDF : 6.9/1

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

137.297+/-0.037 χ^2/NDF : 2507.6/11

137.730+/-0.038 χ^2/NDF : 19769.3/10

asym_dsr_correction_mean vs slug



Right In: -222.058+/-306.121 χ^2/NDF : 1.2/2

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

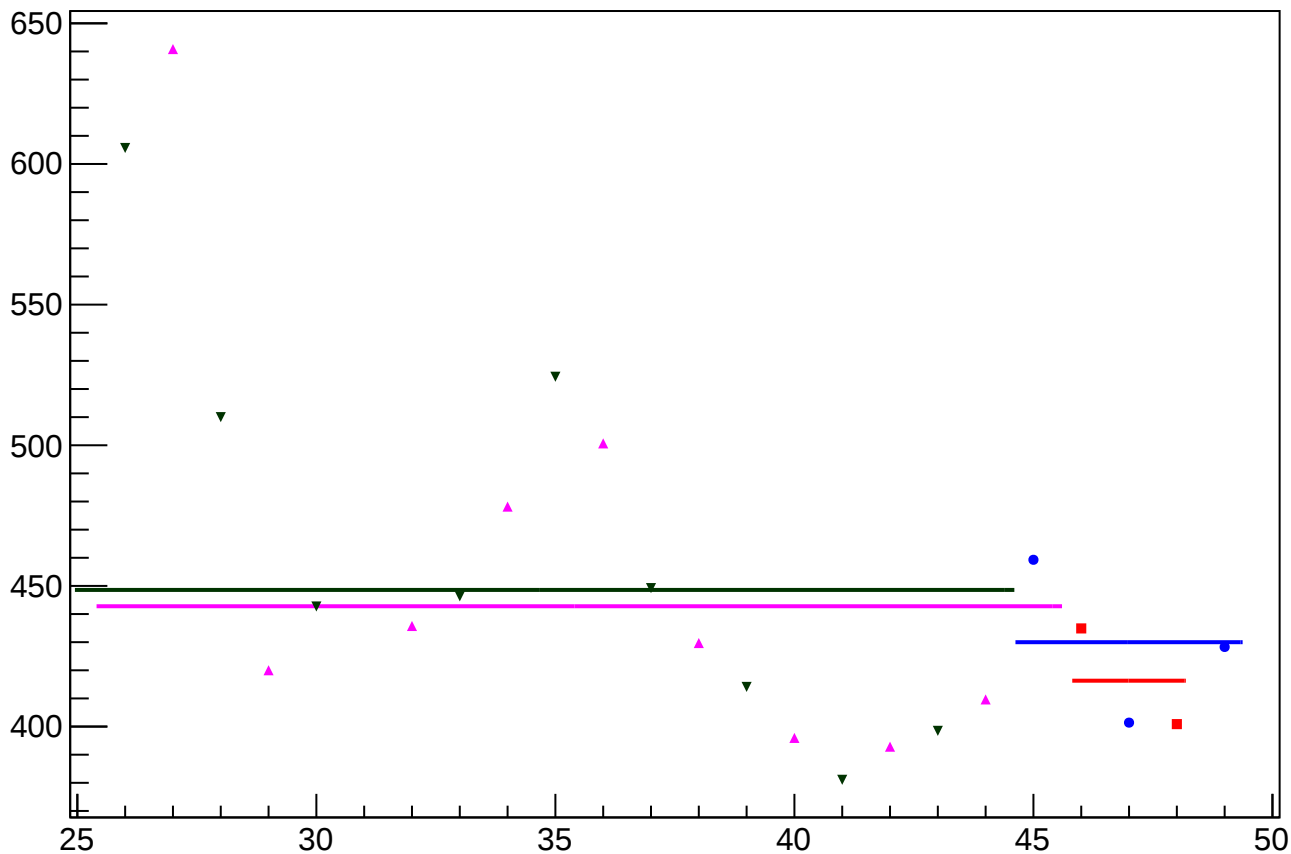
Right Out: -470.295+/-449.704 χ^2/NDF : 0.3/1

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

48.091+/-170.758 χ^2/NDF : 9.6/11

-125.873+/-174.110 χ^2/NDF : 10.9/10

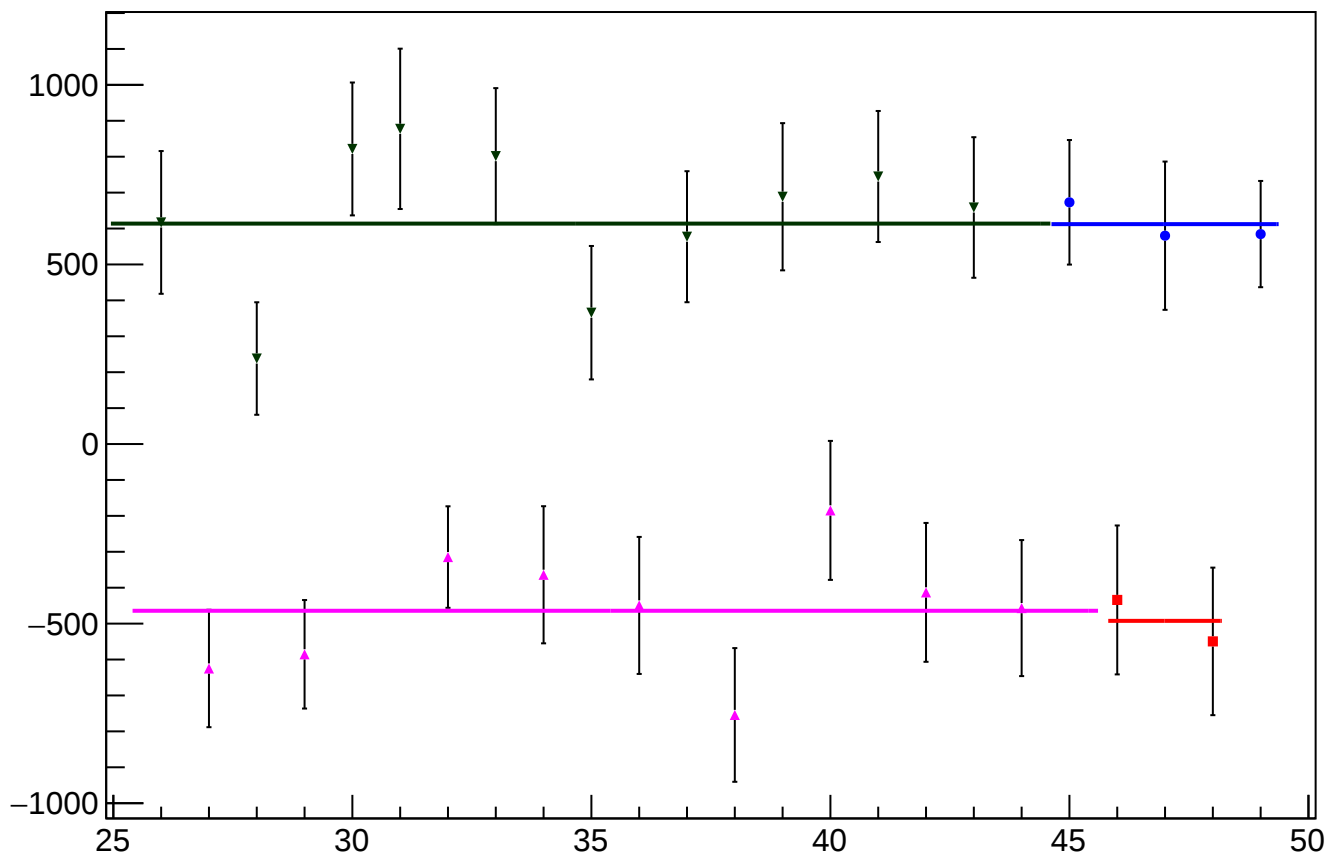
asym_dsr_correction_rms vs slug



Right In: 429.992 ± 0.216 χ^2/NDF : 9443.5/2
 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

442.792 ± 0.121 χ^2/NDF : 181204.1/11
 438.806 ± 0.123 χ^2/NDF : 232231.6/10

reg_asym_left_avg_mean vs slug



Right In: 612.251 $\pm$ 98.809 χ^2 /NDF: 0.2/2

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

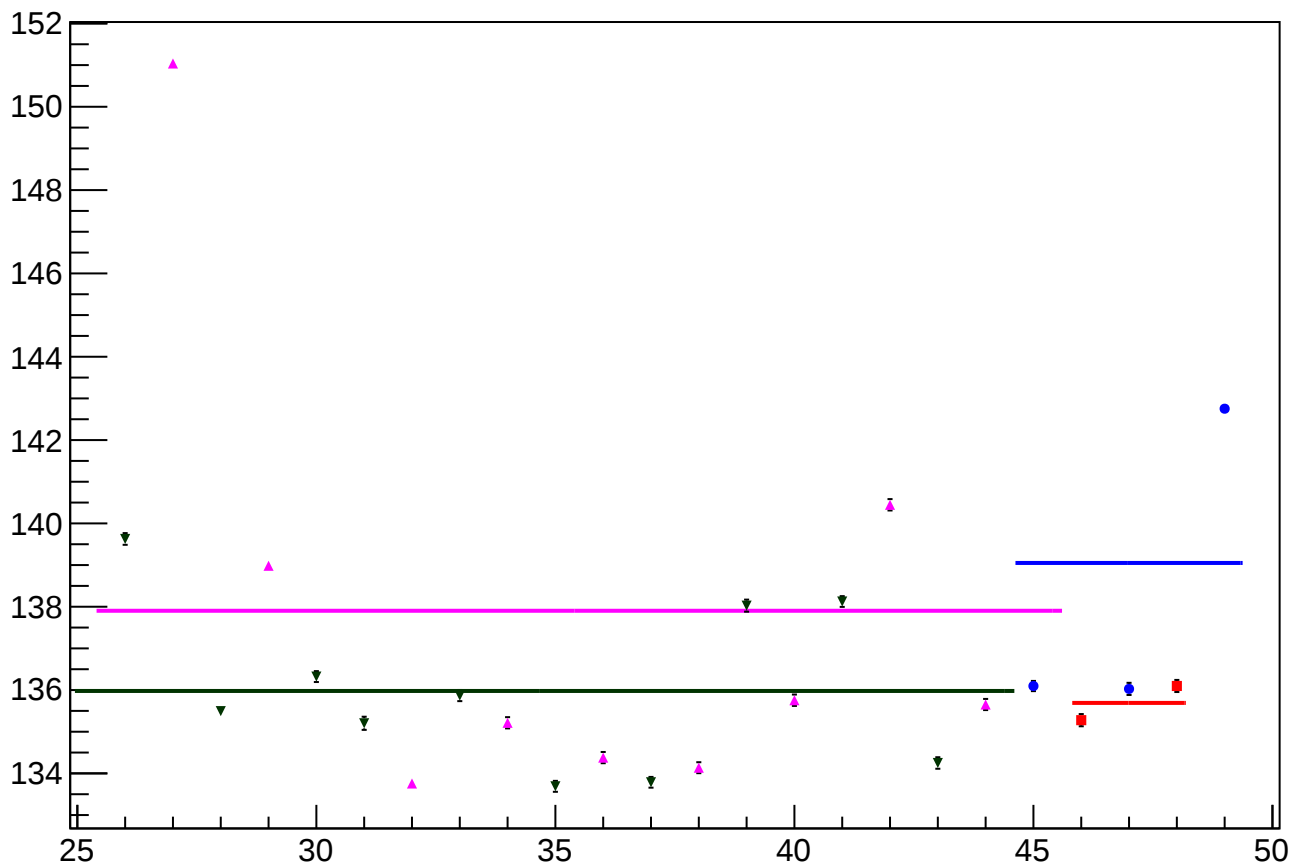
Right Out: -492.315 $\pm$ 145.914 χ^2 /NDF: 0.2/1

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

613.333 $\pm$ 50.984 χ^2 /NDF: 12.1/12

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

reg_asym_left_avg_rms vs slug



Right In: 139.051 ± 0.070 χ^2/NDF : 2262.0/2

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

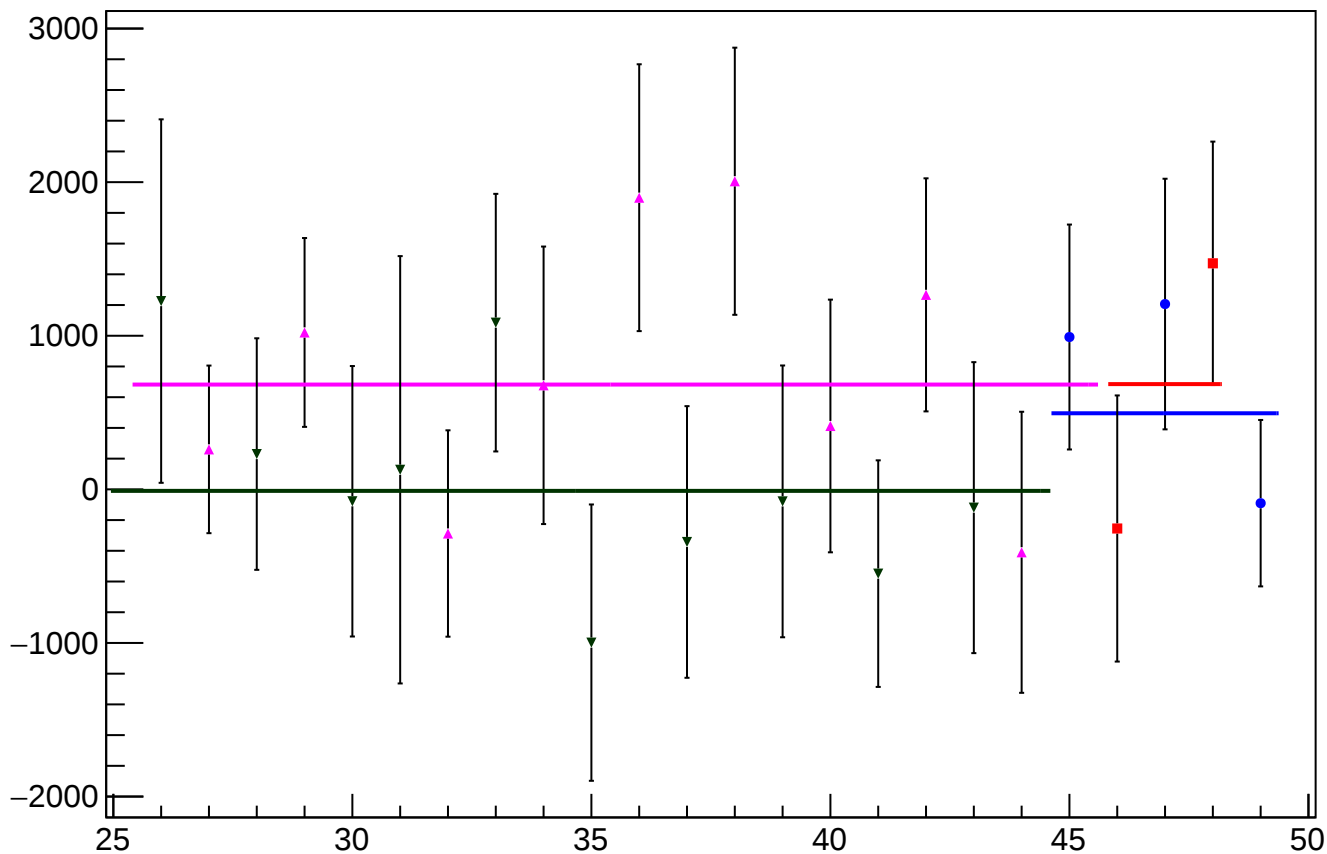
Right Out: 135.692 ± 0.103 χ^2/NDF : 15.8/1

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

136.796 ± 0.036 χ^2/NDF : 5631.1/12

137.601 ± 0.038 χ^2/NDF : 17923.5/10

asym_left_avg_correction_mean vs slug



Right In: 495.358 $\pm$ 384.187 χ^2 /NDF: 2.4/2

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

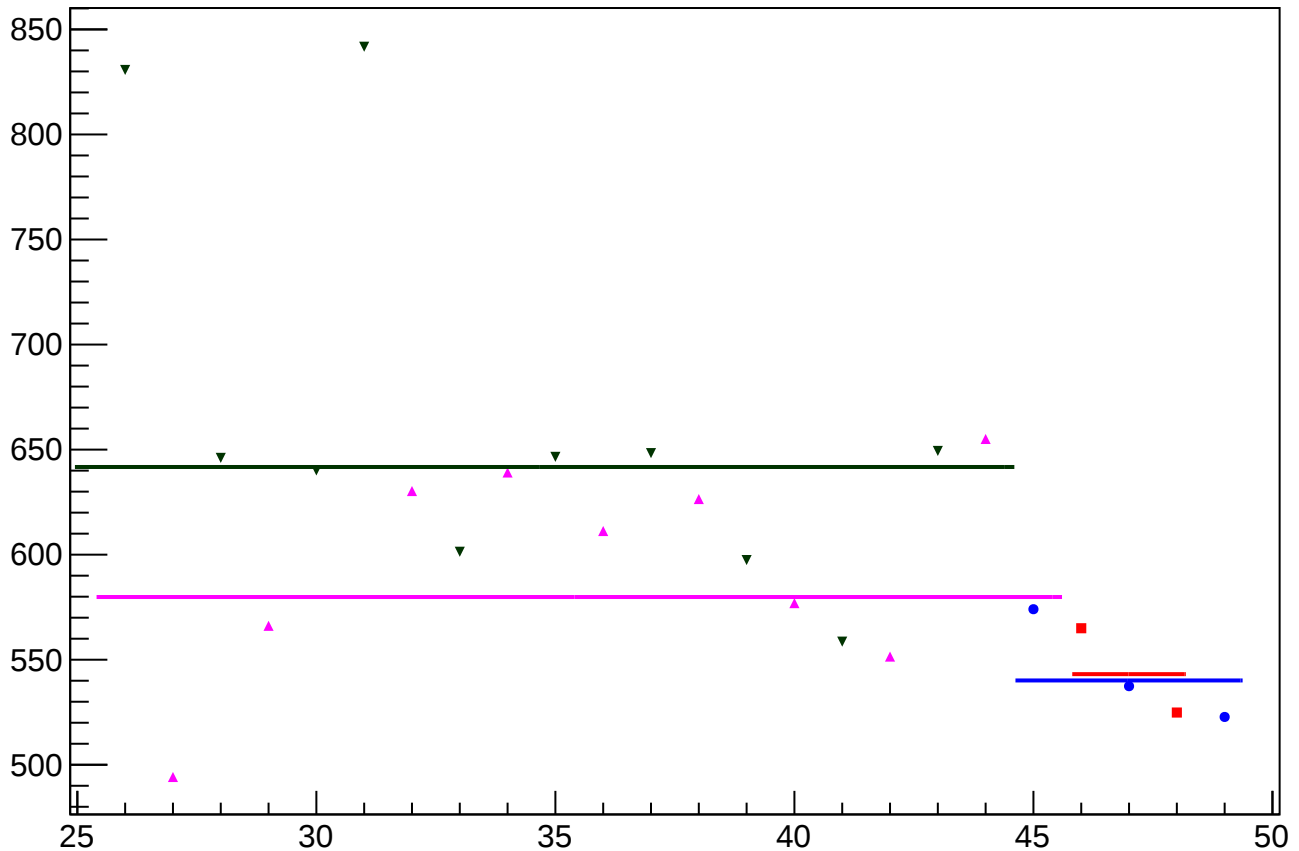
Right Out: 685.194 $\pm$ 584.692 χ^2 /NDF: 2.2/1

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

168.157 $\pm$ 228.077 χ^2 /NDF: 8.3/12

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

asym_left_avg_correction_rms vs slug



Right In: 540.128 ± 0.272 χ^2/NDF : 6368.3/2

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

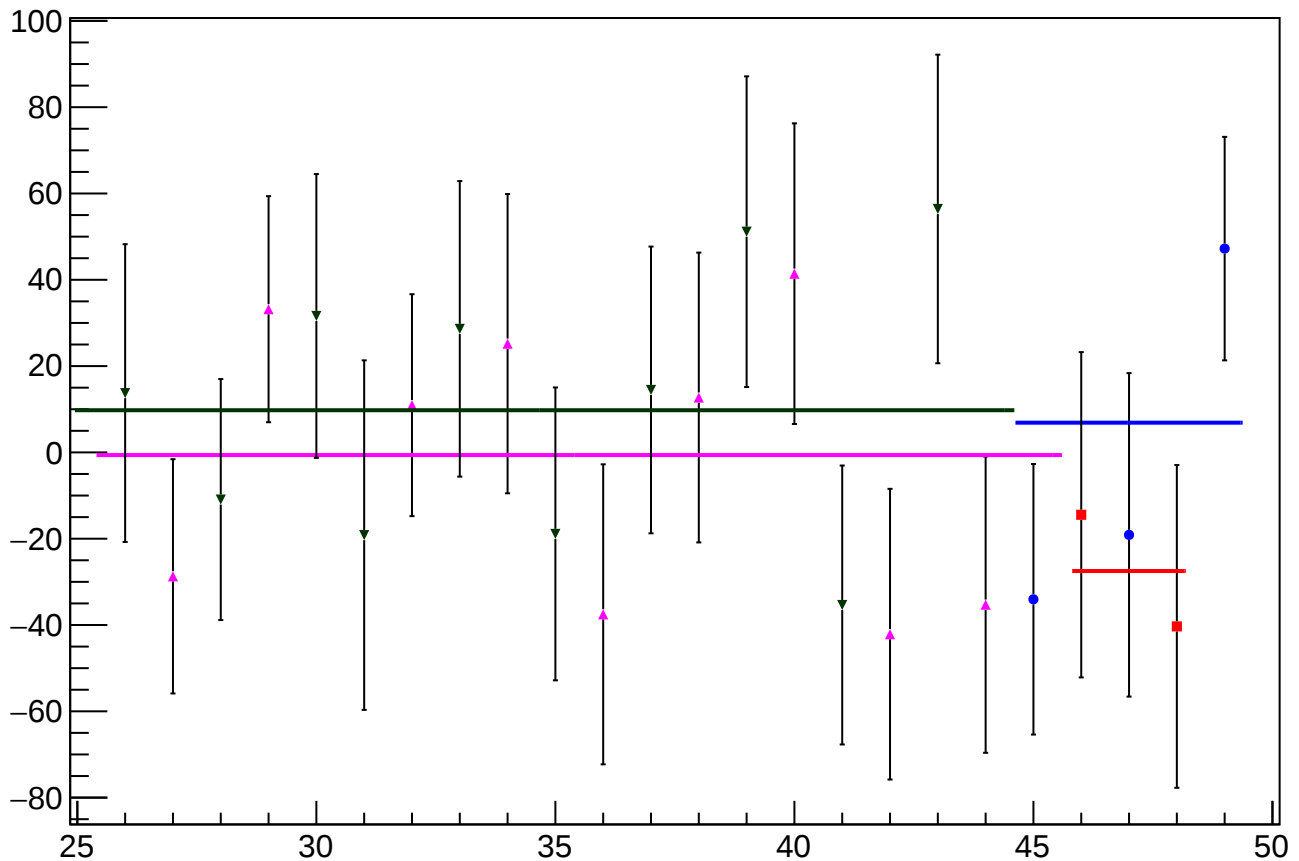
Right Out: 543.133 ± 0.413 χ^2/NDF : 2335.7/1

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

605.922 ± 0.161 χ^2/NDF : 224738.8/12

574.316 ± 0.160 χ^2/NDF : 103915.3/10

reg_asym_left_dd_mean vs slug



Right In: 6.889 $\pm$ 17.621 χ^2/NDF : 4.6/2

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

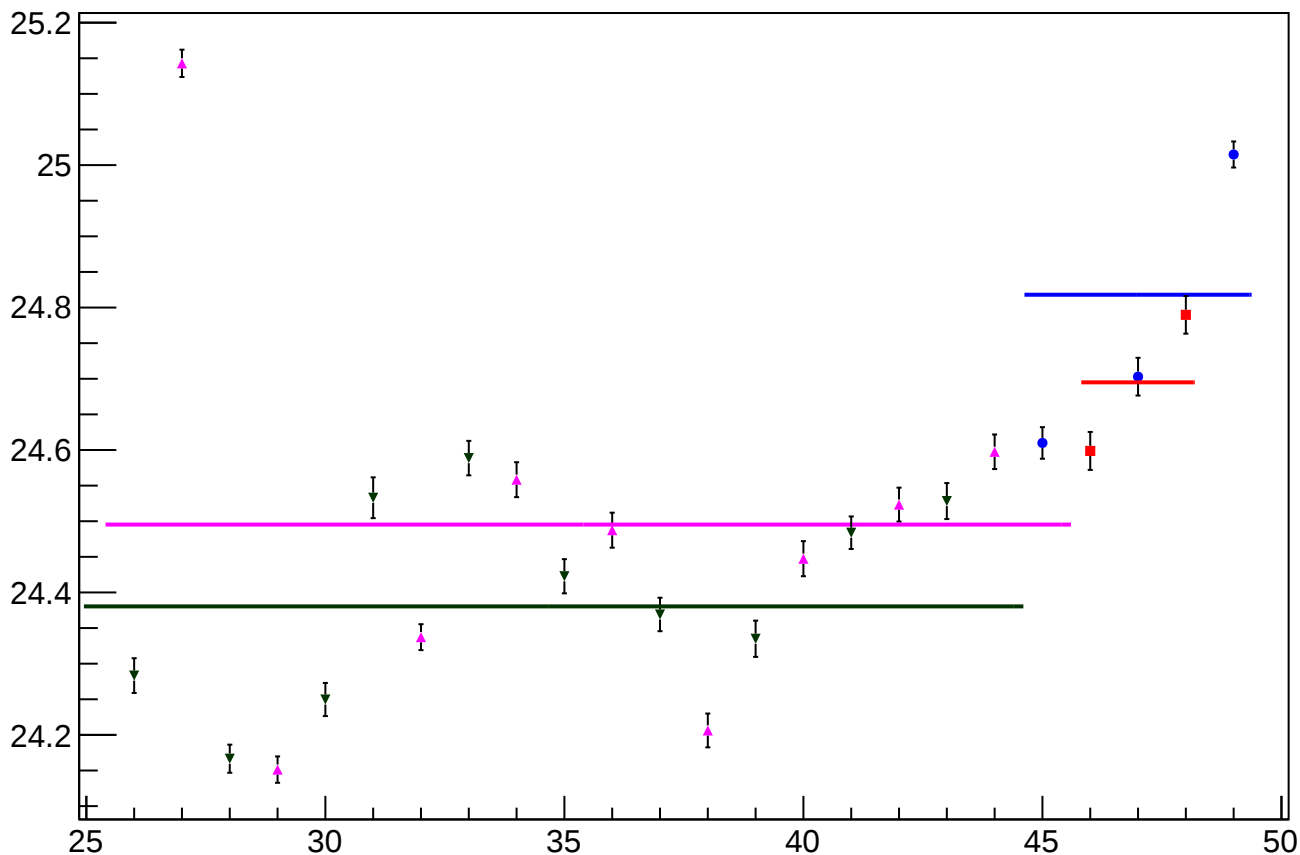
Right Out: -27.488 $\pm$ 26.551 χ^2/NDF : 0.2/1

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

9.000 $\pm$ 9.123 χ^2/NDF : 12.2/12

-4.132 $\pm$ 9.603 χ^2/NDF : 9.9/10

reg_asym_left_dd_rms vs slug



Right In: 24.818 $\pm$ 0.012 χ^2 /NDF: 222.6/2

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

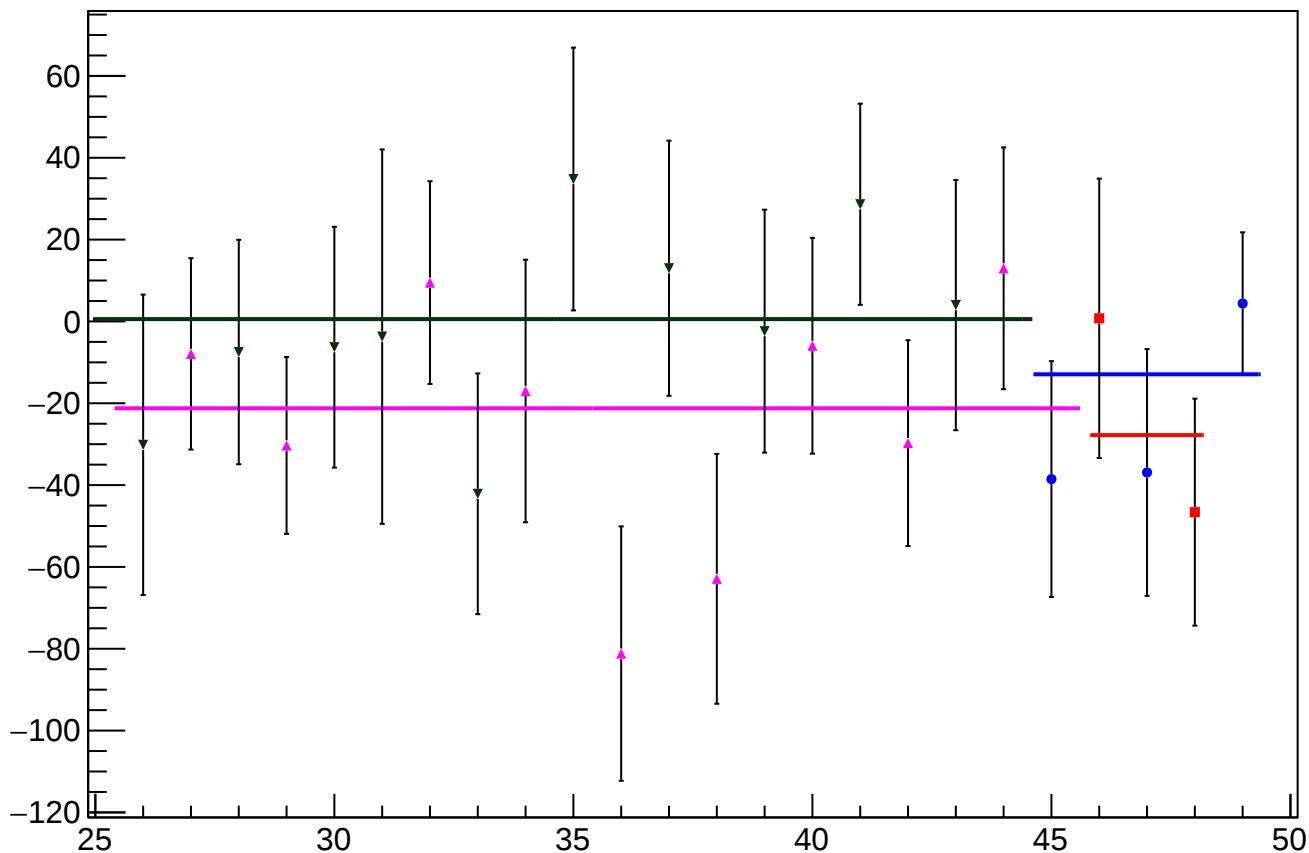
Right Out: 24.695 $\pm$ 0.019 χ^2 /NDF: 25.9/1

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

24.498 $\pm$ 0.006 χ^2 /NDF: 1453.6/12

24.521 $\pm$ 0.007 χ^2 /NDF: 1861.0/10

asym_left_dd_correction_mean vs slug



Right In: -12.919 ± 13.353 $\chi^2/\text{NDF}: 2.4/2$

Left Out: 0.565 ± 9.660 $\chi^2/\text{NDF}: 5.6/9$

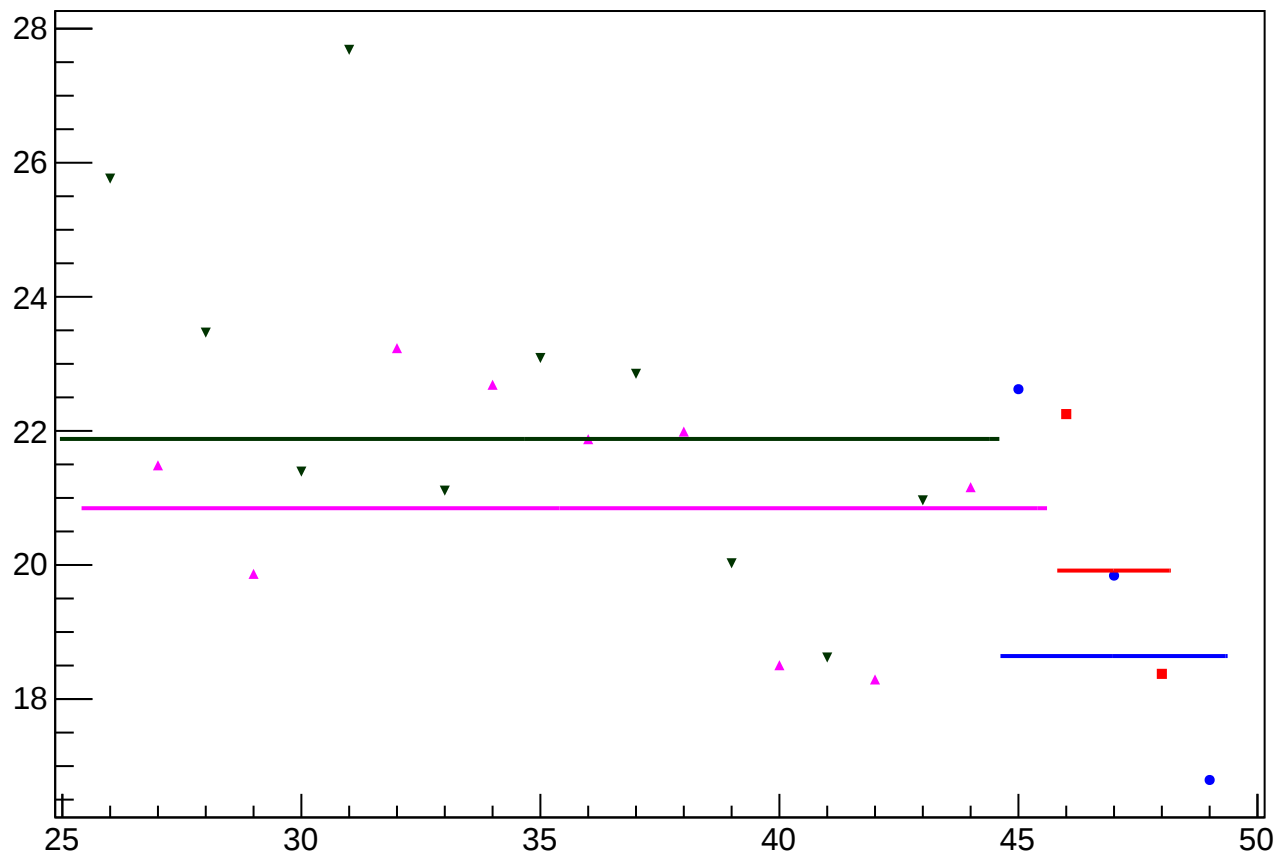
Right Out: -27.780 ± 21.528 $\chi^2/\text{NDF}: 1.2/1$

Left In: -21.229 ± 8.825 $\chi^2/\text{NDF}: 9.4/8$

-4.068 ± 7.827 $\chi^2/\text{NDF}: 8.7/12$

-22.171 ± 8.165 $\chi^2/\text{NDF}: 10.7/10$

asym_left_dd_correction_rms vs slug



Right In: 18.642 $\pm$ 0.009 χ^2 /NDF: 63891.8/2

Left Out: 21.880 $\pm$ 0.007 χ^2 /NDF: 112714.4/9

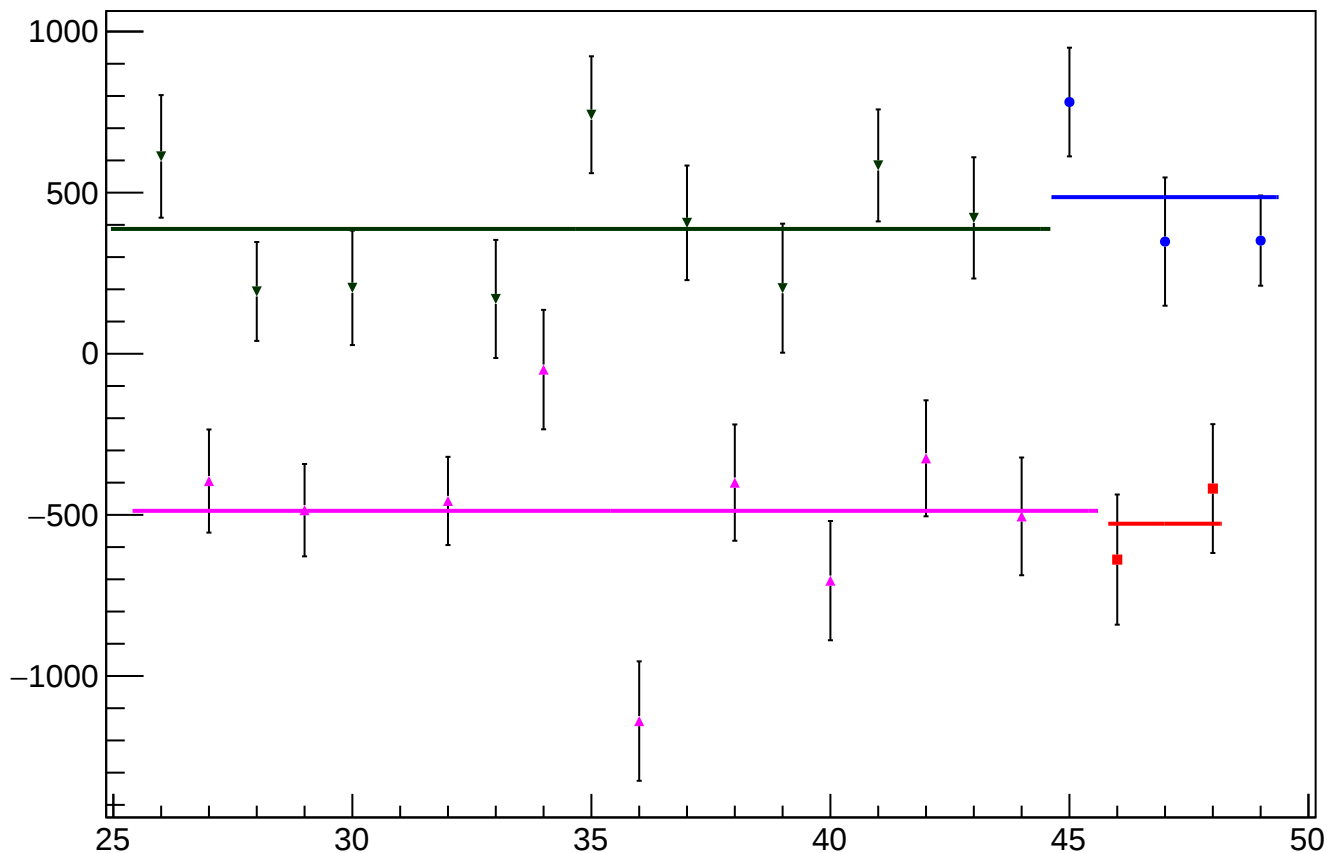
Right Out: 19.917 $\pm$ 0.015 χ^2 /NDF: 15519.6/1

Left In: 20.847 $\pm$ 0.006 χ^2 /NDF: 72407.5/8

20.767 $\pm$ 0.006 χ^2 /NDF: 253836.0/12

20.713 $\pm$ 0.006 χ^2 /NDF: 91123.2/10

reg_asym_right_avg_mean vs slug



Right In: 486.056 $\pm$ 94.728 χ^2 /NDF: 4.5/2

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

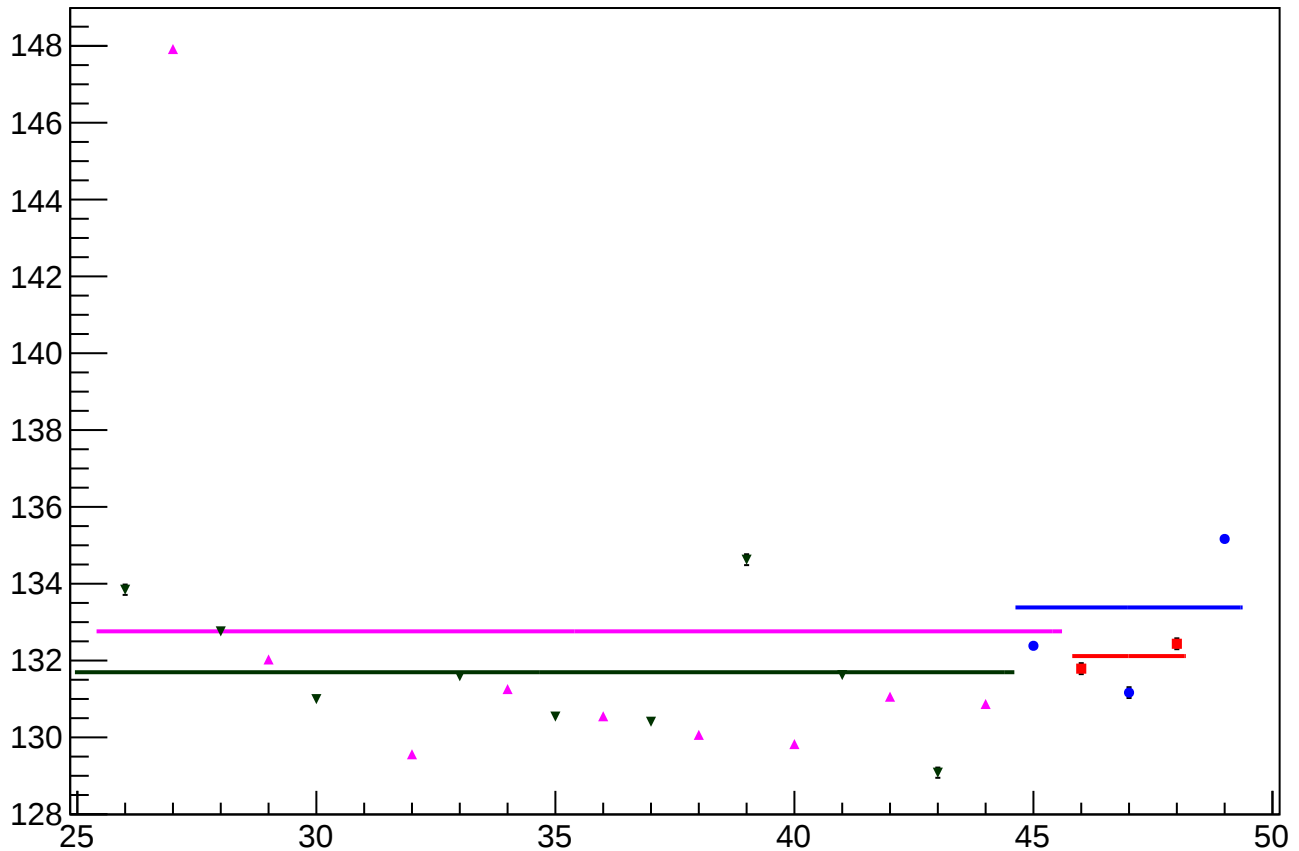
Right Out: -527.406 $\pm$ 142.070 χ^2 /NDF: 0.6/1

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

415.508 $\pm$ 50.553 χ^2 /NDF: 16.7/11

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

reg_asym_right_avg_rms vs slug



Right In: 133.382+/-0.067 χ^2/NDF : 642.8/2

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

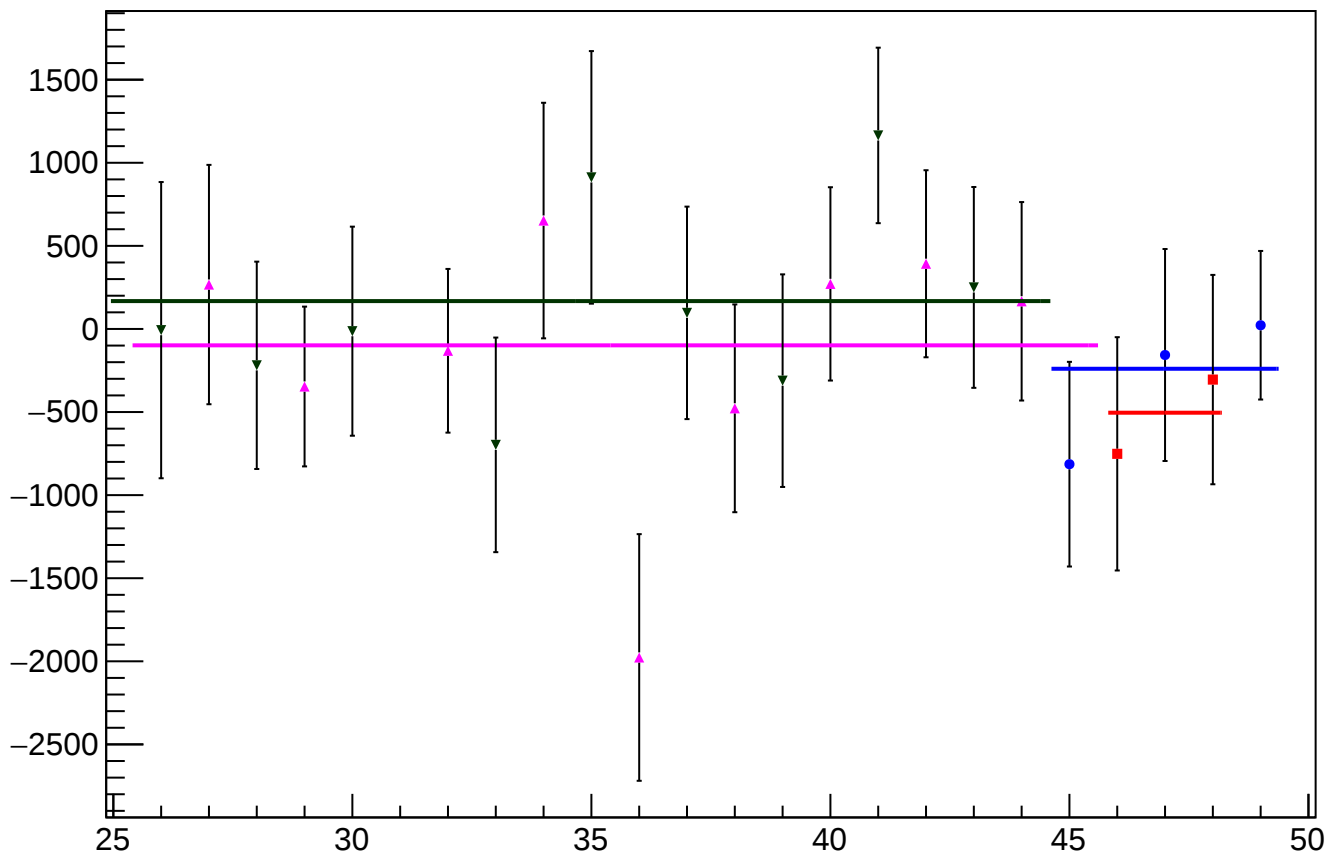
Right Out: 132.116+/-0.100 χ^2/NDF : 10.4/1

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

132.176+/-0.036 χ^2/NDF : 2479.6/11

132.674+/-0.037 χ^2/NDF : 20894.0/10

asym_right_avg_correction_mean vs slug



Right In: -239.600 ± 314.681 $\chi^2/\text{NDF}: 1.2/2$

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

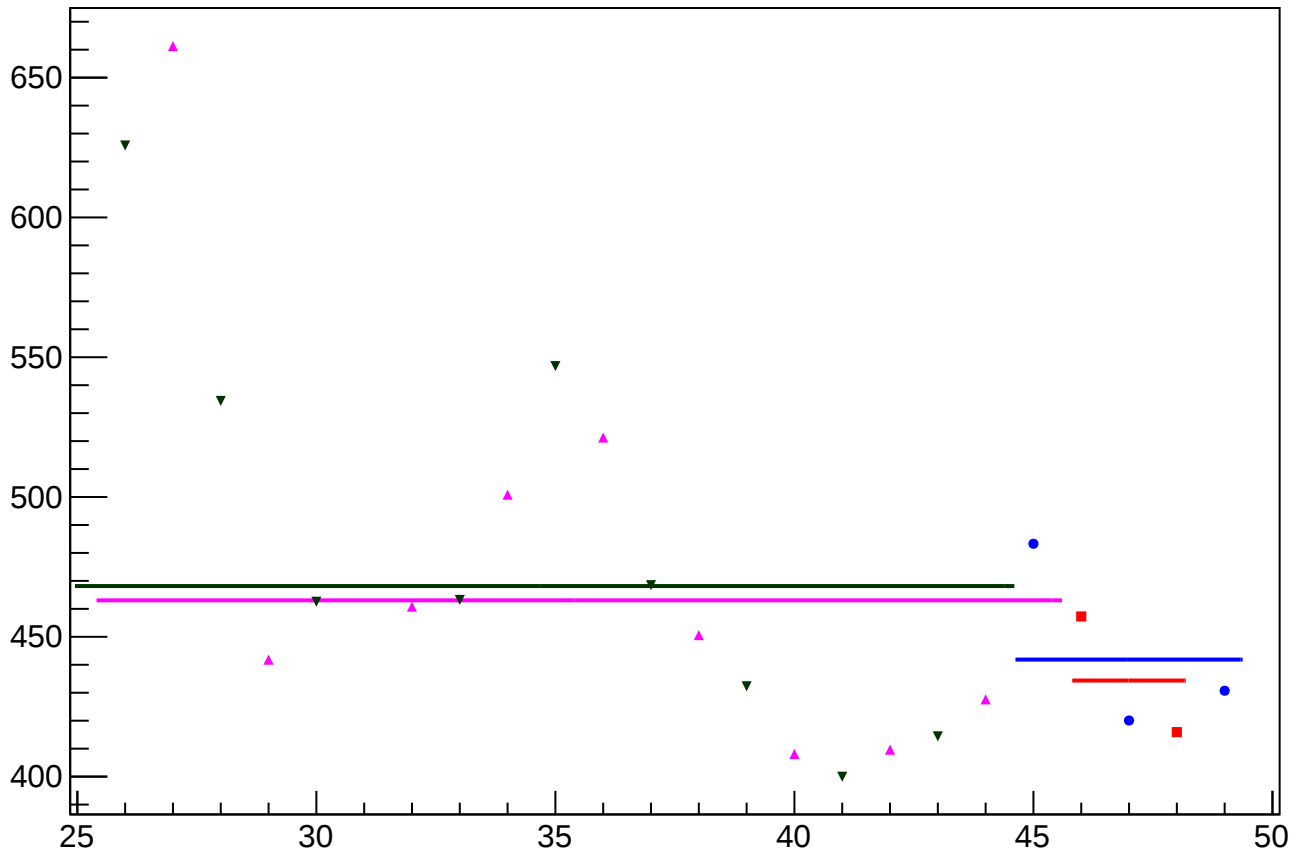
Right Out: -504.035 ± 468.843 $\chi^2/\text{NDF}: 0.2/1$

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

38.321 ± 177.336 $\chi^2/\text{NDF}: 9.8/11$

-159.688 ± 181.946 $\chi^2/\text{NDF}: 10.6/10$

asym_right_avg_correction_rms vs slug



Right In: 441.857+/-0.223 χ^2/NDF : 12627.6/2

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

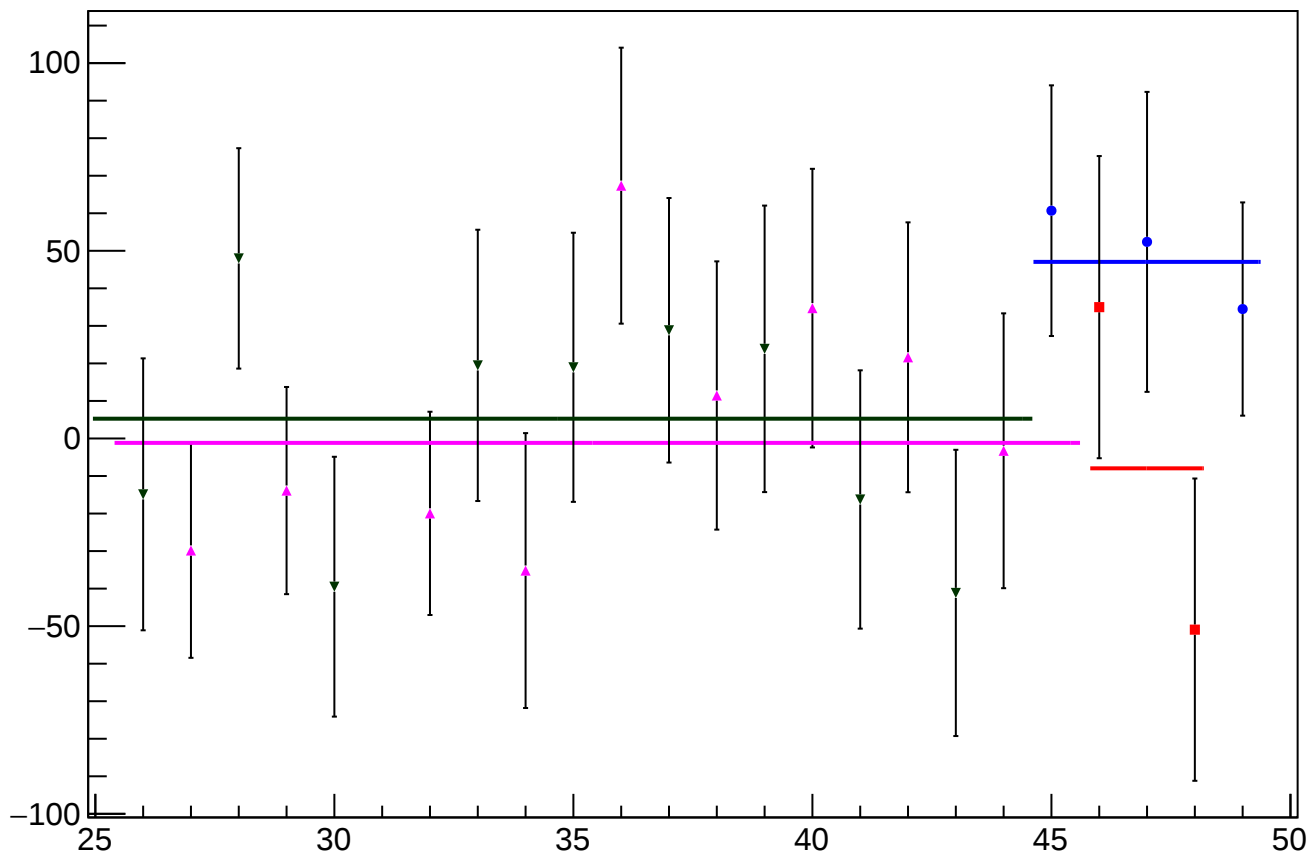
459.802+/-0.125 χ^2/NDF : 184389.3/11

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

458.724+/-0.129 χ^2/NDF : 227351.6/10

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

reg_asym_right_dd_mean vs slug



Right In: 47.049+/-19.027 χ^2/NDF : 0.4/2

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

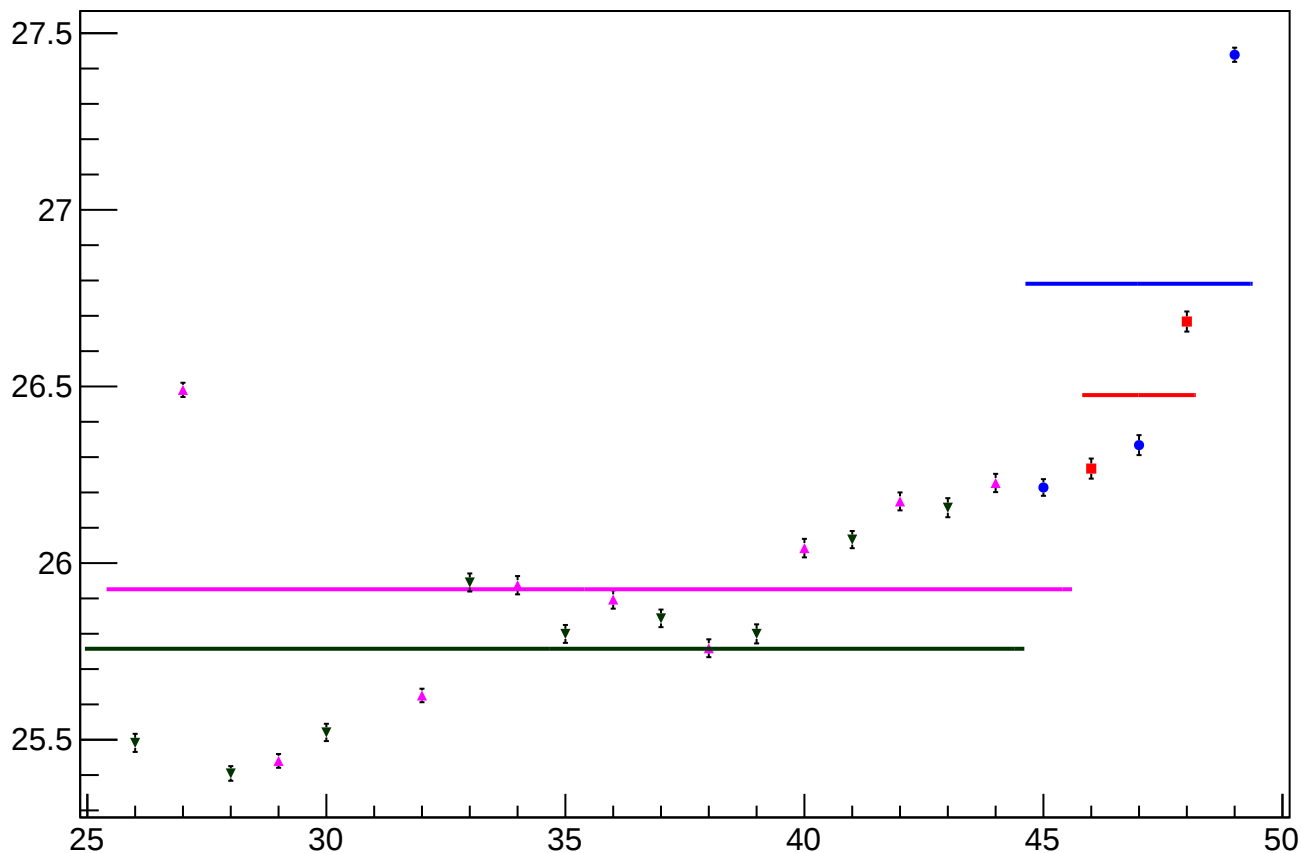
Right Out: -7.956+/-28.469 χ^2/NDF : 2.3/1

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

16.711+/-9.957 χ^2/NDF : 10.8/11

-2.040+/-10.181 χ^2/NDF : 9.8/10

reg_asym_right_dd_rms vs slug



Right In: 26.791 $\pm$ 0.013 χ^2 /NDF: 1899.3/2

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

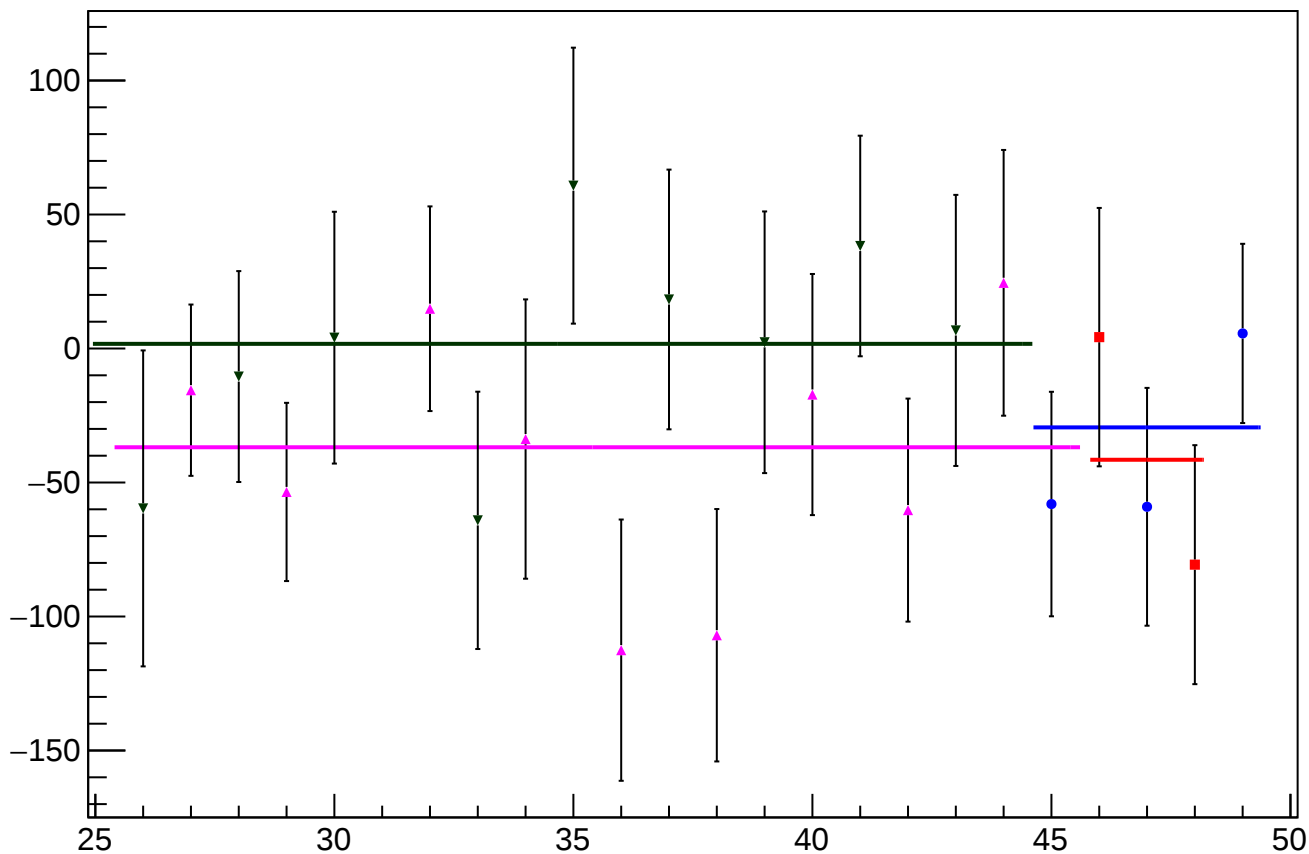
Right Out: 26.476 $\pm$ 0.020 χ^2 /NDF: 106.9/1

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

26.040 $\pm$ 0.007 χ^2 /NDF: 7124.9/11

25.996 $\pm$ 0.007 χ^2 /NDF: 2698.1/10

asym_right_dd_correction_mean vs slug



Right In: -29.433 ± 22.517 χ^2/NDF : 2.0/2

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

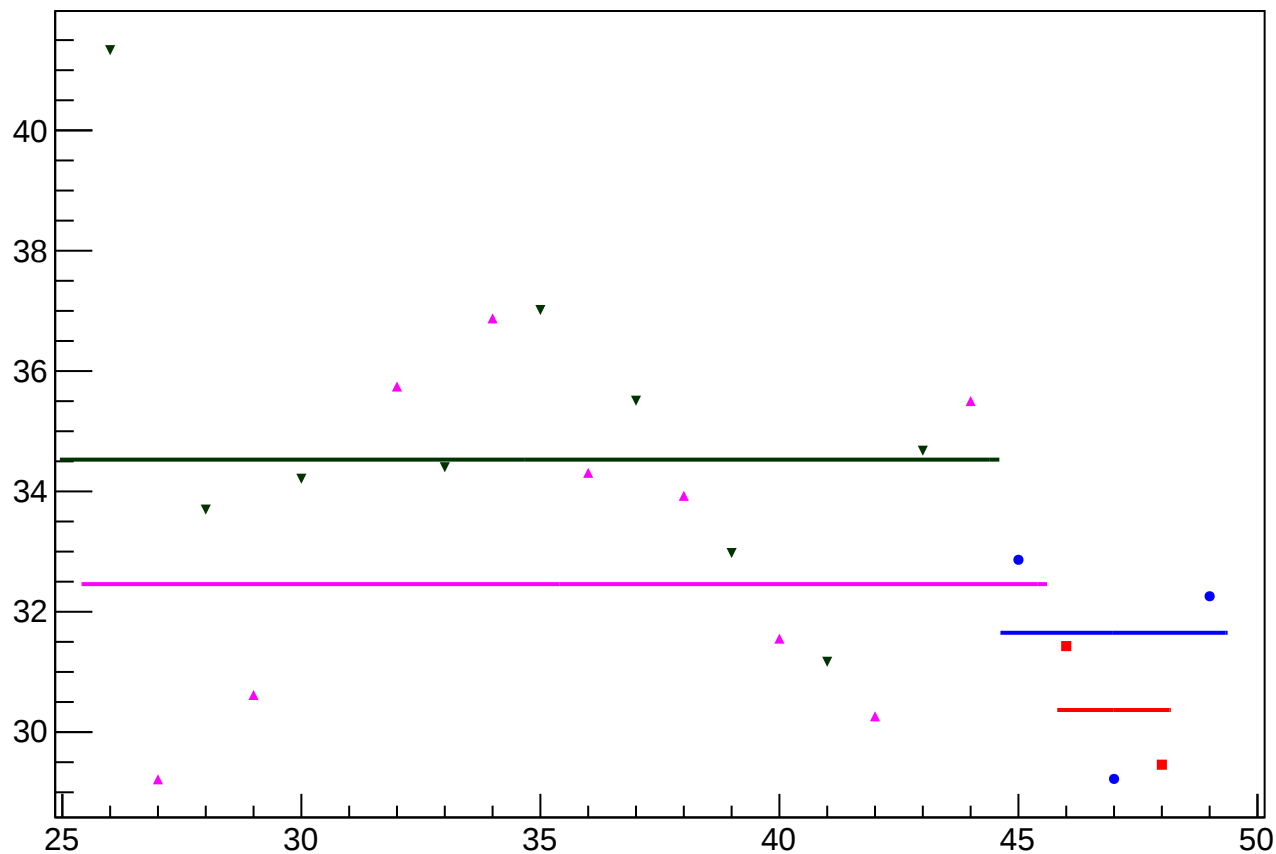
Right Out: -41.512 ± 32.734 χ^2/NDF : 1.7/1

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

-8.513 ± 12.913 χ^2/NDF : 8.6/11

-37.549 ± 12.679 χ^2/NDF : 10.9/10

asym_right_dd_correction_rms vs slug



Right In: 31.651 ± 0.016 χ^2/NDF : 8327.1/2

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

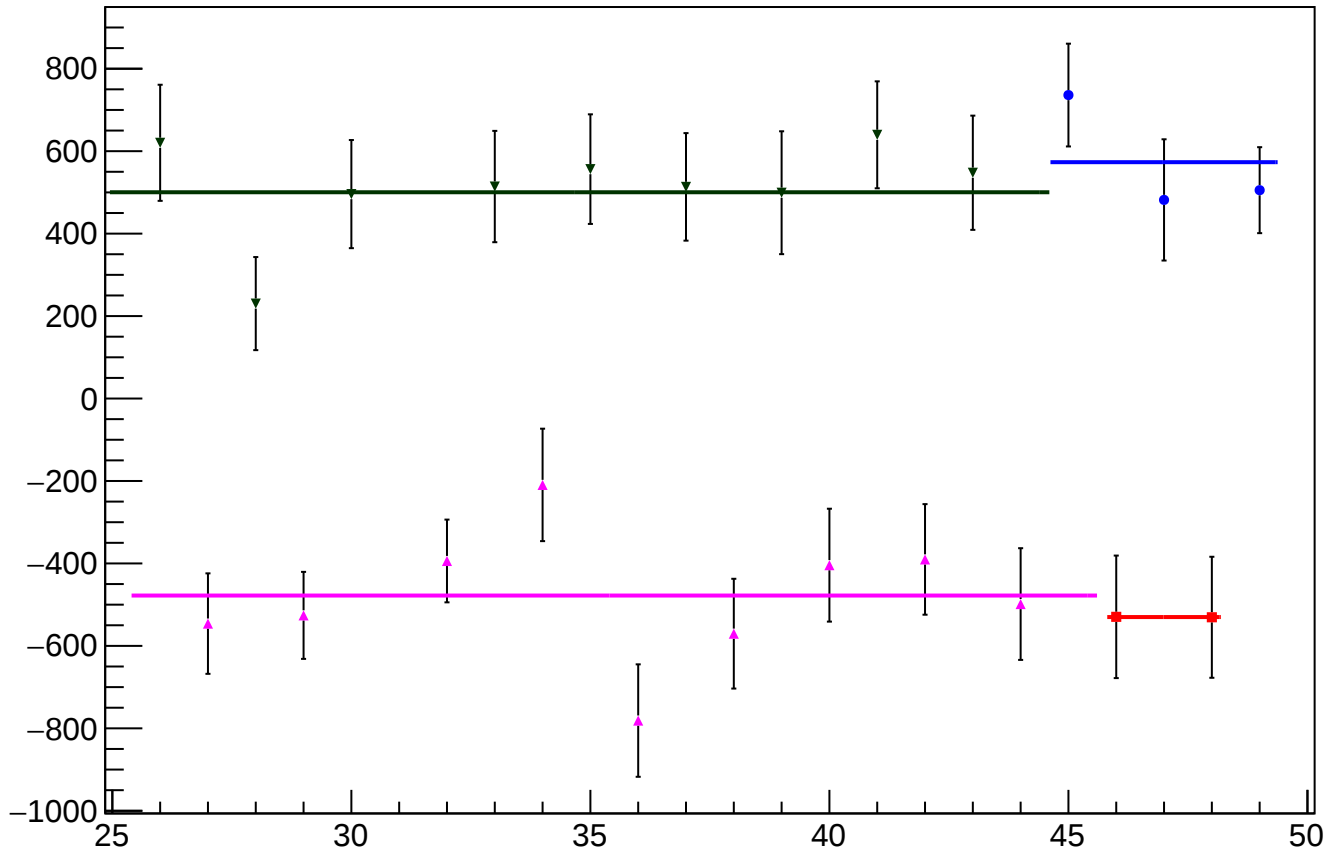
Right Out: 30.367 ± 0.023 χ^2/NDF : 1801.5/1

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

33.582 ± 0.009 χ^2/NDF : 78731.6/11

32.146 ± 0.009 χ^2/NDF : 83380.9/10

reg_asym_us_avg_mean vs slug



Right In: 573.298 $\pm$ 70.259 χ^2 /NDF: 2.5/2

520.982 $\pm$ 37.361 χ^2 /NDF: 11.2/11

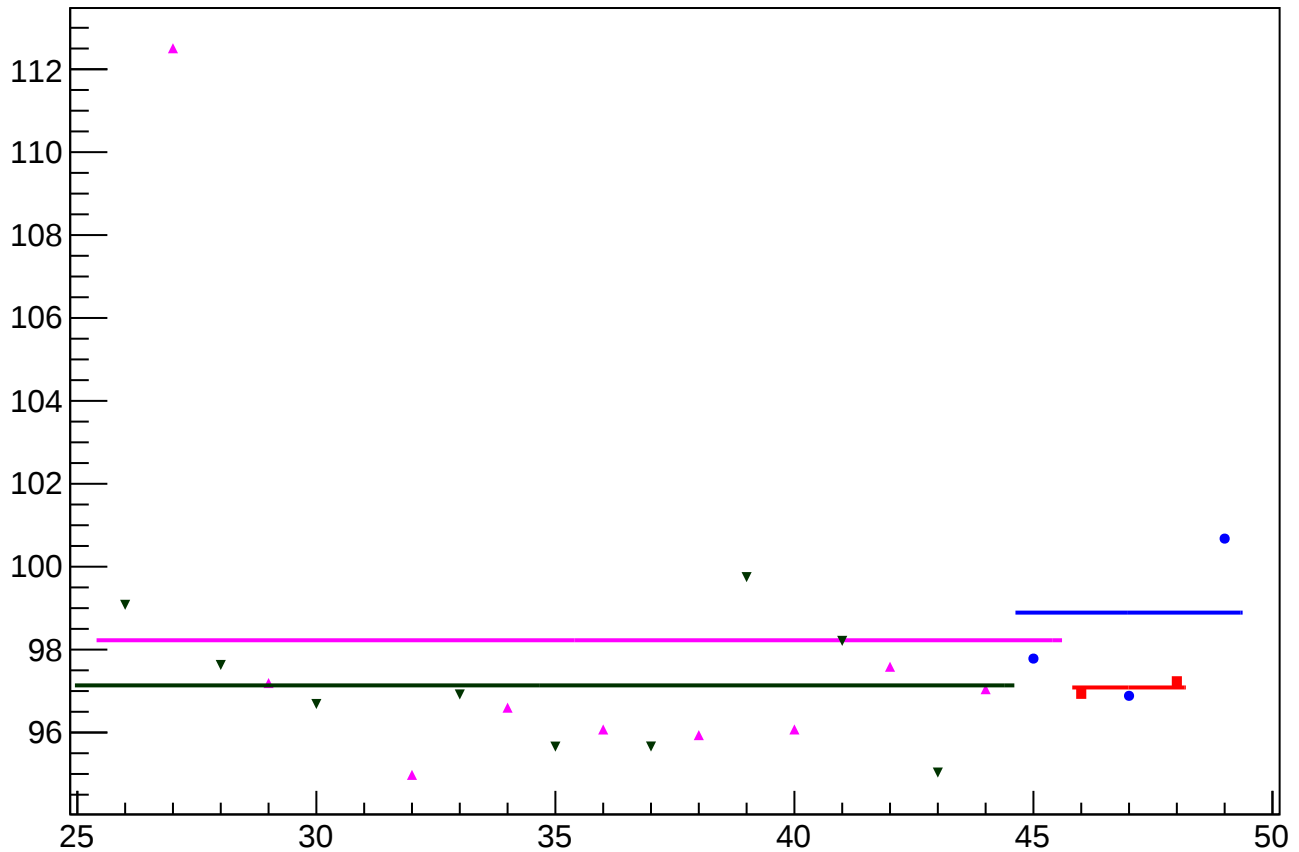
Left Out: 500.356 $\pm$ 44.116 χ^2 /NDF: 7.9/8

-484.952 $\pm$ 38.477 χ^2 /NDF: 11.5/10

Right Out: -530.065 $\pm$ 104.423 χ^2 /NDF: 0.0/1

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

reg_asym_us_avg_rms vs slug



Right In: 98.892+/-0.050 χ^2/NDF : 1117.4/2

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

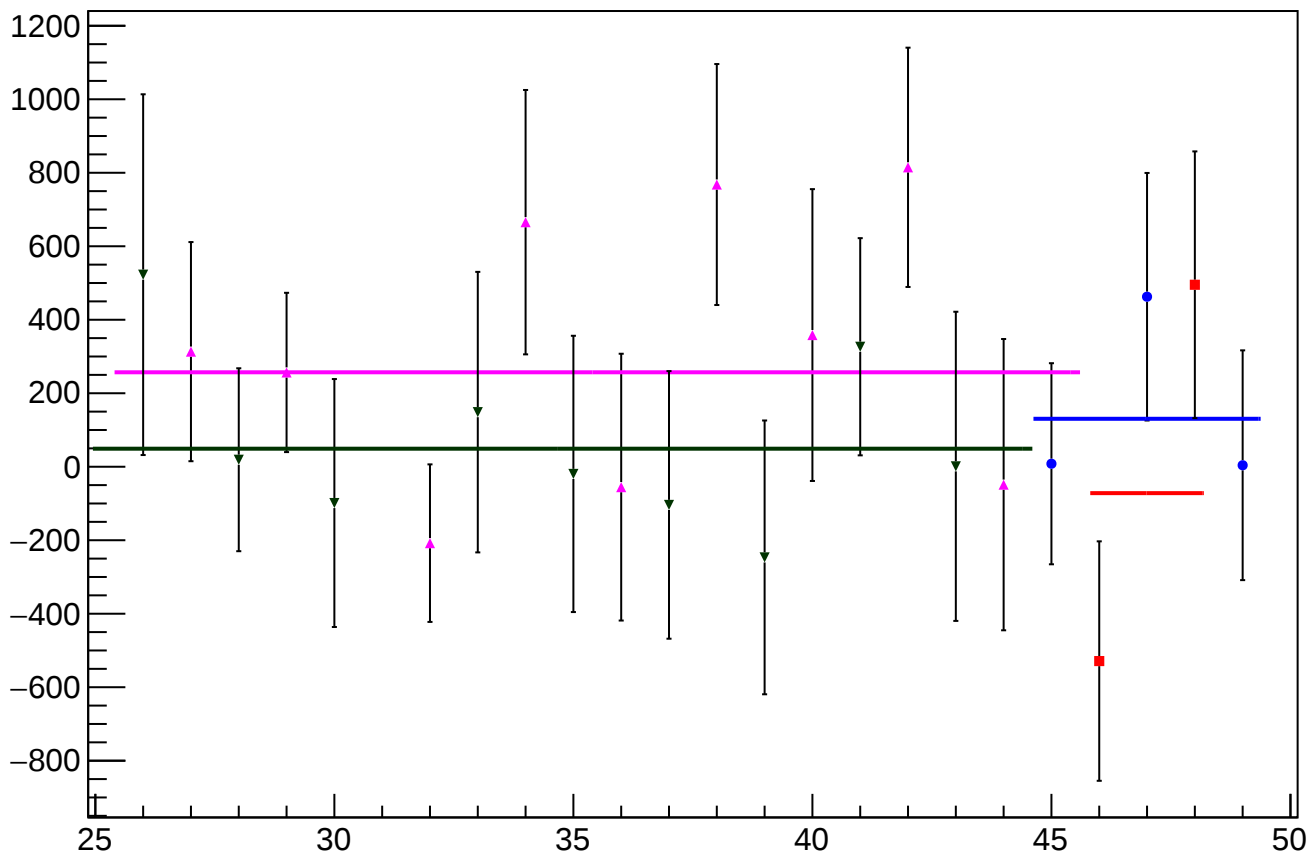
Right Out: 97.087+/-0.074 χ^2/NDF : 4.2/1

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

97.633+/-0.026 χ^2/NDF : 4175.7/11

98.071+/-0.027 χ^2/NDF : 32027.2/10

asym_us_avg_correction_mean vs slug



Right In: 130.498 $\pm$ 175.678 χ^2 /NDF: 1.3/2

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

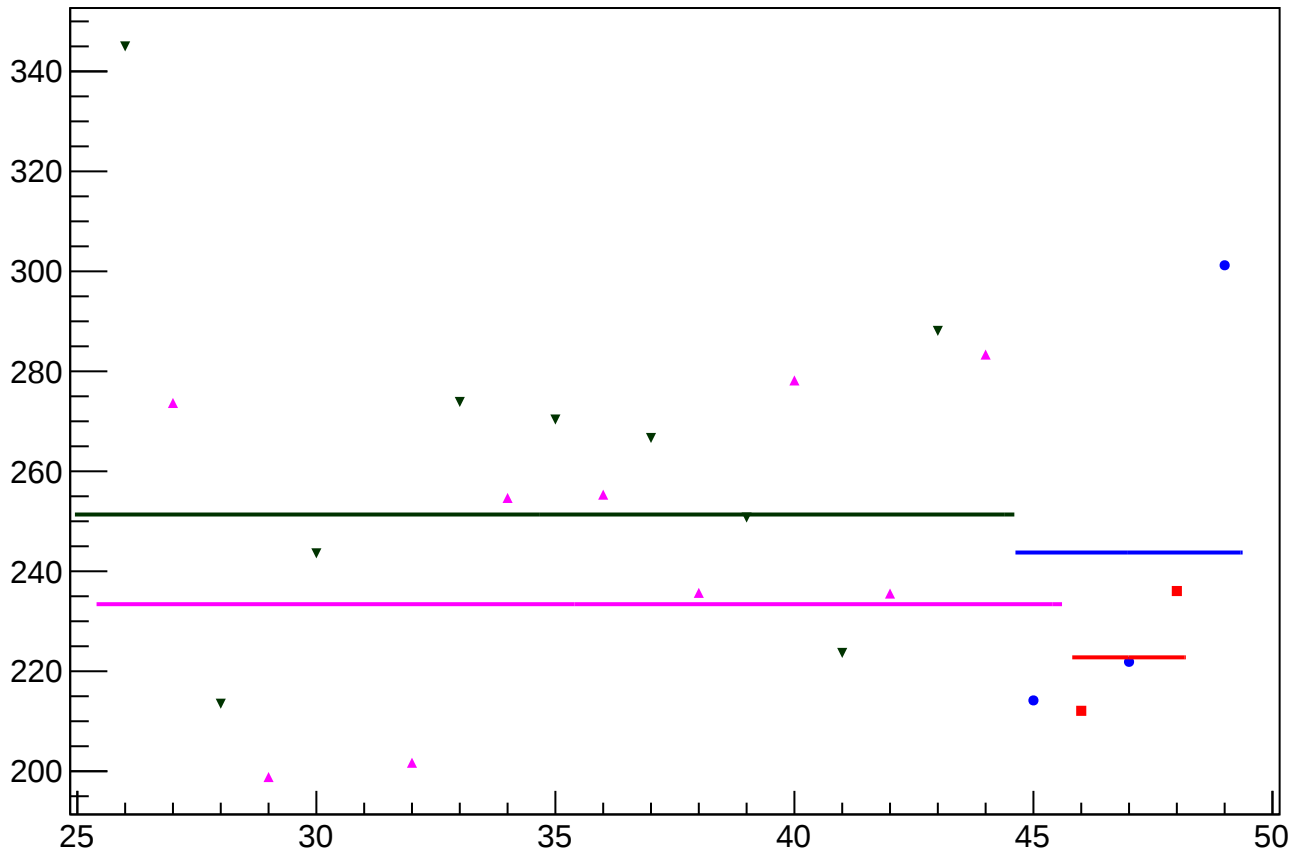
Right Out: -71.840 $\pm$ 242.459 χ^2 /NDF: 4.4/1

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

73.685 $\pm$ 96.555 χ^2 /NDF: 4.4/11

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

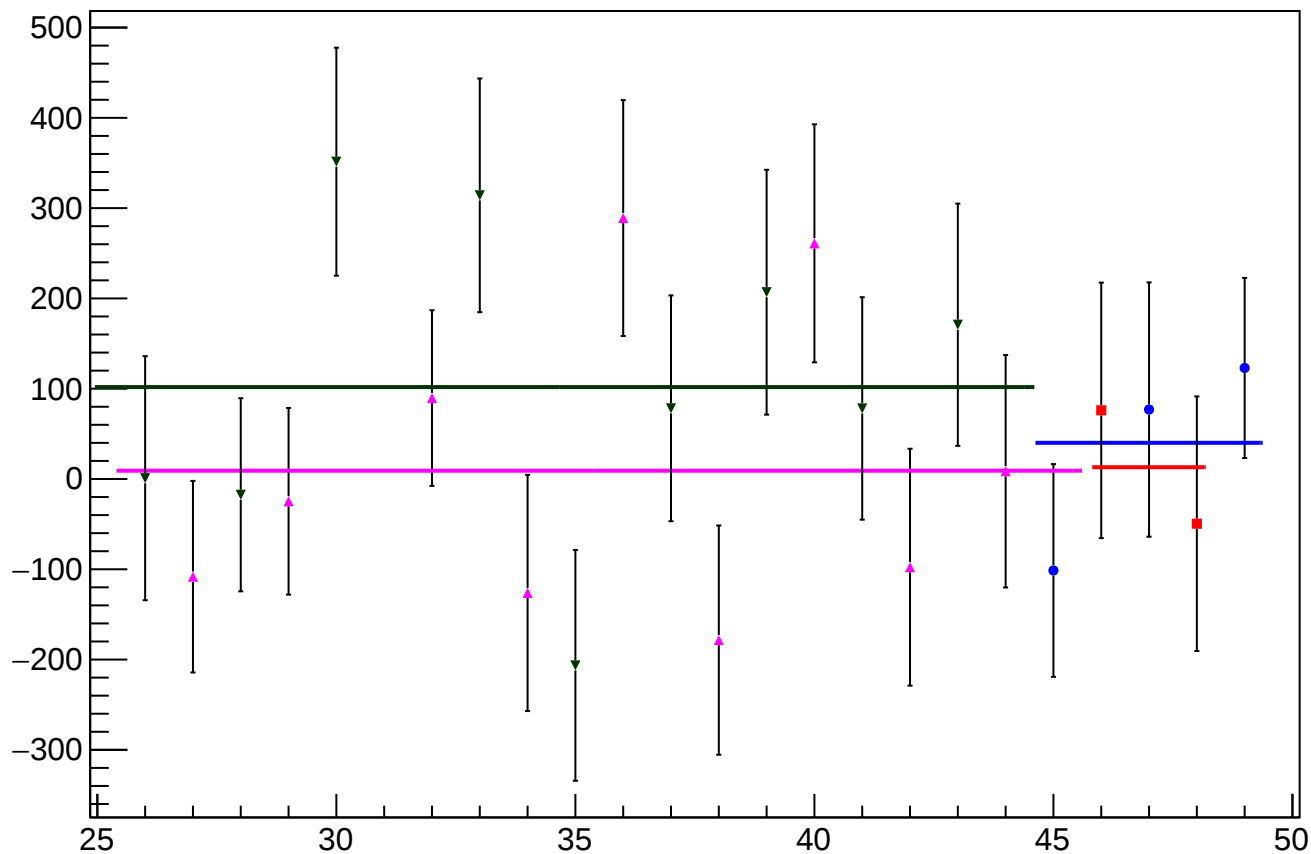
asym_us_avg_correction_rms vs slug



249.059 ± 0.068 $\chi^2/\text{NDF}: 270494.3/11$

231.884 ± 0.065 $\chi^2/\text{NDF}: 210863.4/10$

reg_asym_us_dd_mean vs slug



Right In: 40.071+/-66.972 $\chi^2/\text{NDF}: 2.2/2$

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

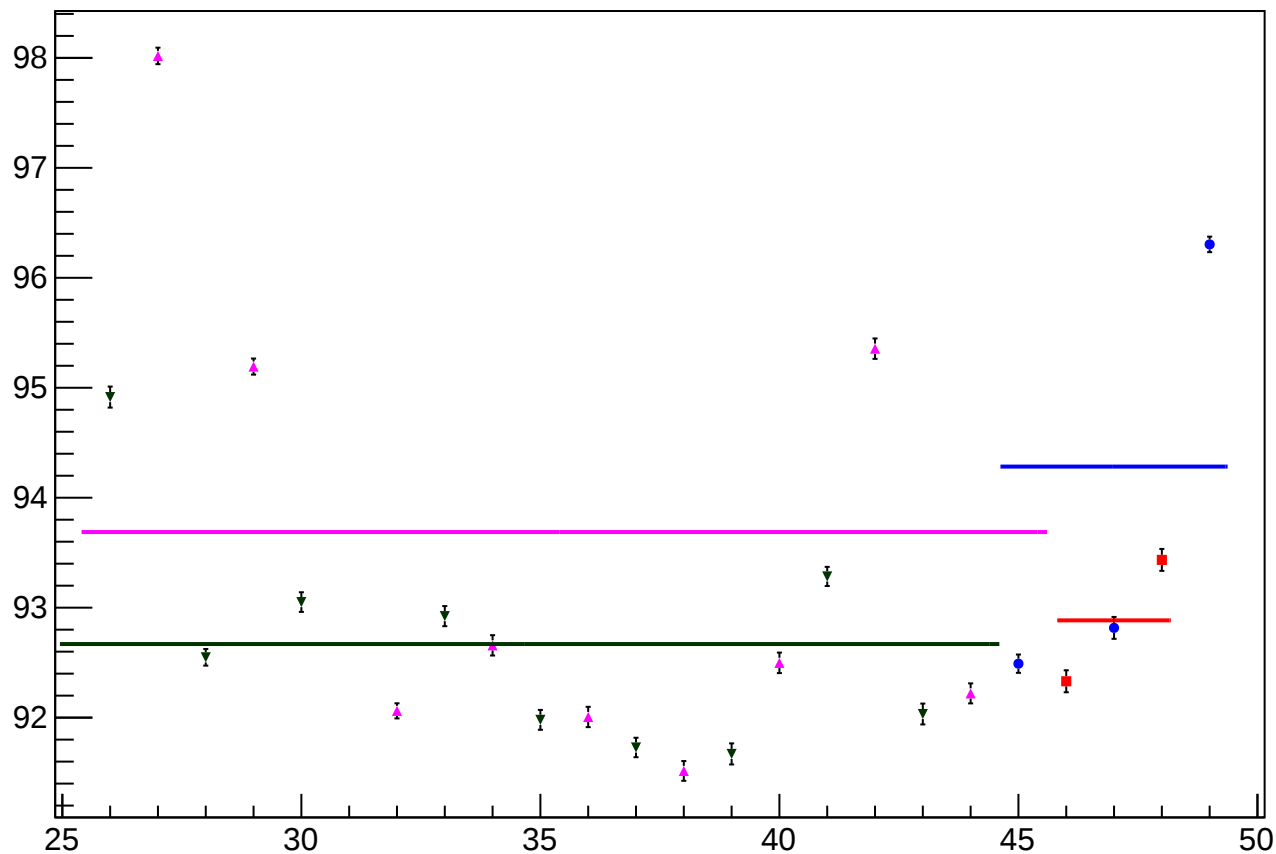
Right Out: 13.013+/-99.870 $\chi^2/\text{NDF}: 0.4/1$

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

84.342+/-35.611 $\chi^2/\text{NDF}: 18.0/11$

9.698+/-36.676 $\chi^2/\text{NDF}: 14.6/10$

reg_asym_us_dd_rms vs slug



Right In: 94.283 ± 0.047 χ^2/NDF : 1500.7/2

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

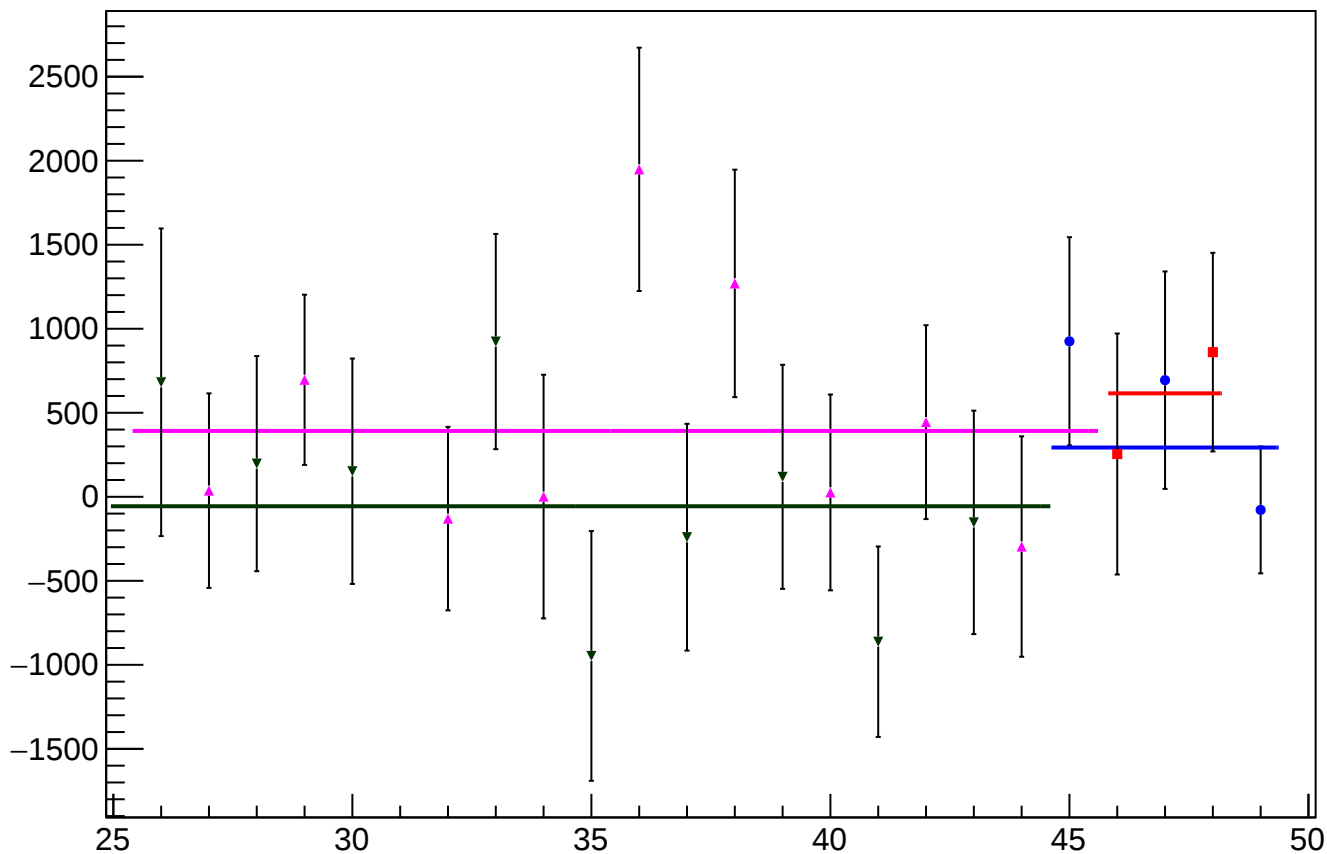
Right Out: 92.884 ± 0.071 χ^2/NDF : 61.1/1

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

93.125 ± 0.025 χ^2/NDF : 3289.4/11

93.579 ± 0.026 χ^2/NDF : 6275.2/10

asym_us_dd_correction_mean vs slug



Right In: 293.120 $\pm$ 288.517 χ^2/NDF : 2.4/2

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

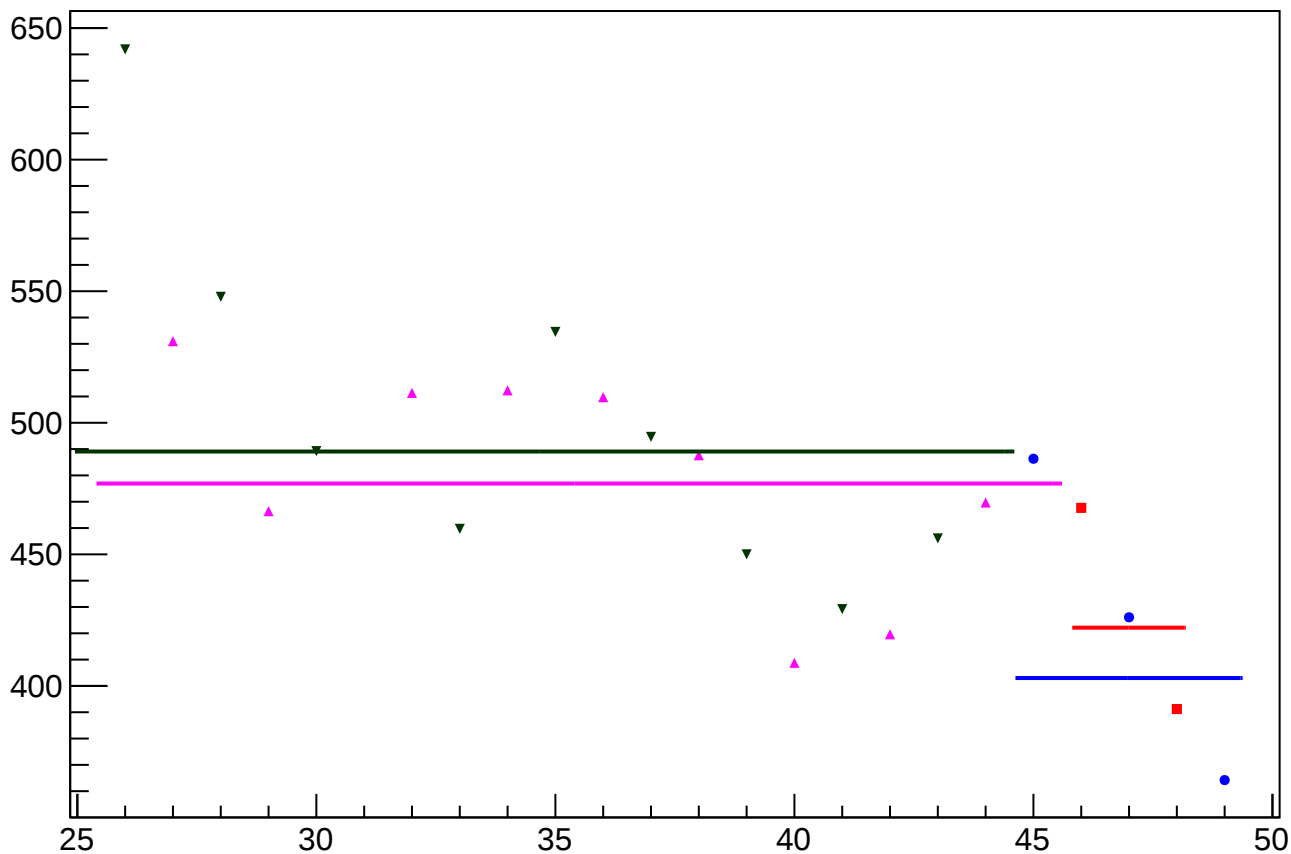
Right Out: 615.577 $\pm$ 456.074 χ^2/NDF : 0.4/1

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

75.109 $\pm$ 176.941 χ^2/NDF : 10.2/11

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

asym_us_dd_correction_rms vs slug



Right In: 403.000 ± 0.204 χ^2/NDF : 59847.6/2

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

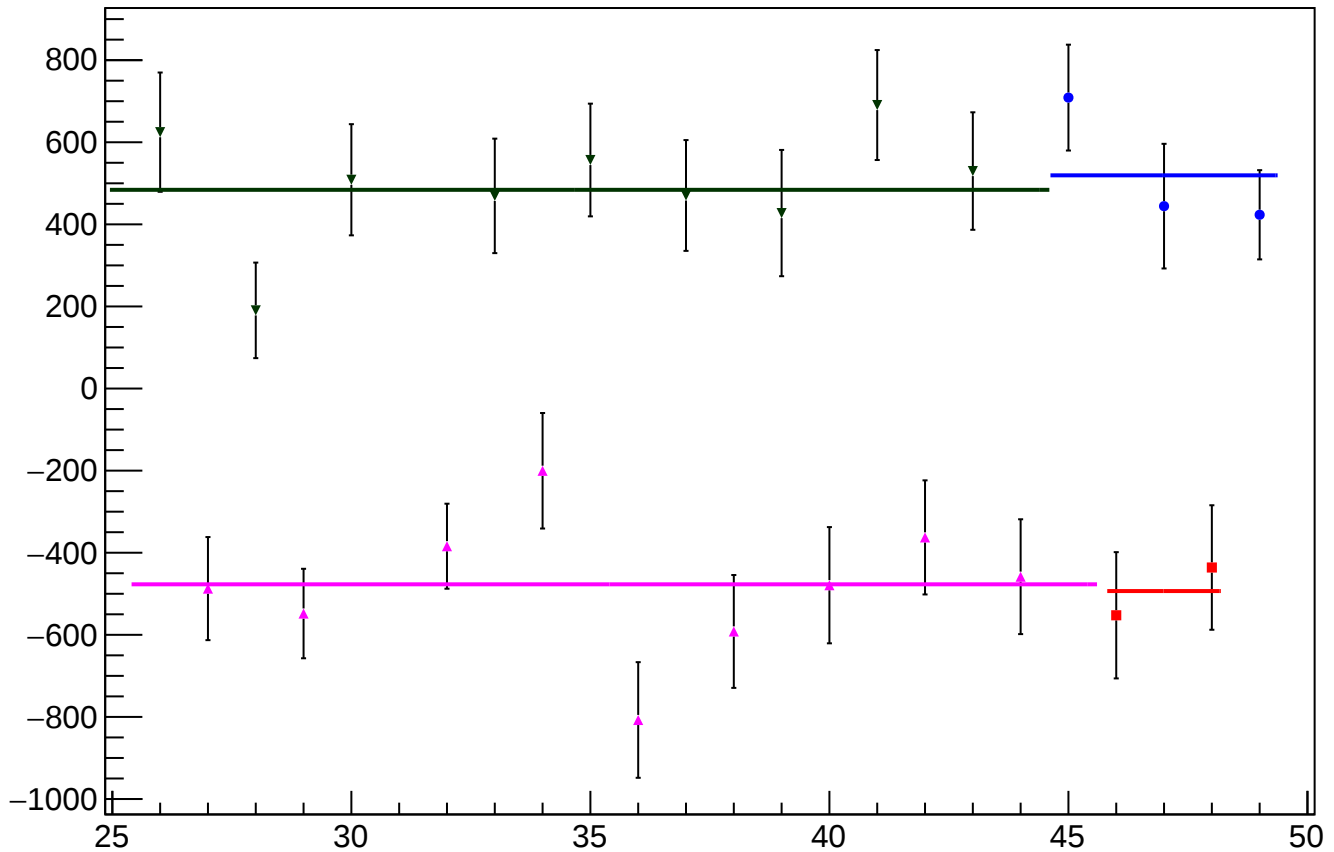
Right Out: 422.140 ± 0.322 χ^2/NDF : 13539.1/1

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

456.705 ± 0.125 χ^2/NDF : 289497.0/11

467.930 ± 0.131 χ^2/NDF : 120634.6/10

reg_asym_ds_avg_mean vs slug



Right In: 519.414 $\pm$ 72.897 χ^2 /NDF: 3.2/2

494.029 $\pm$ 38.631 χ^2 /NDF: 13.6/11

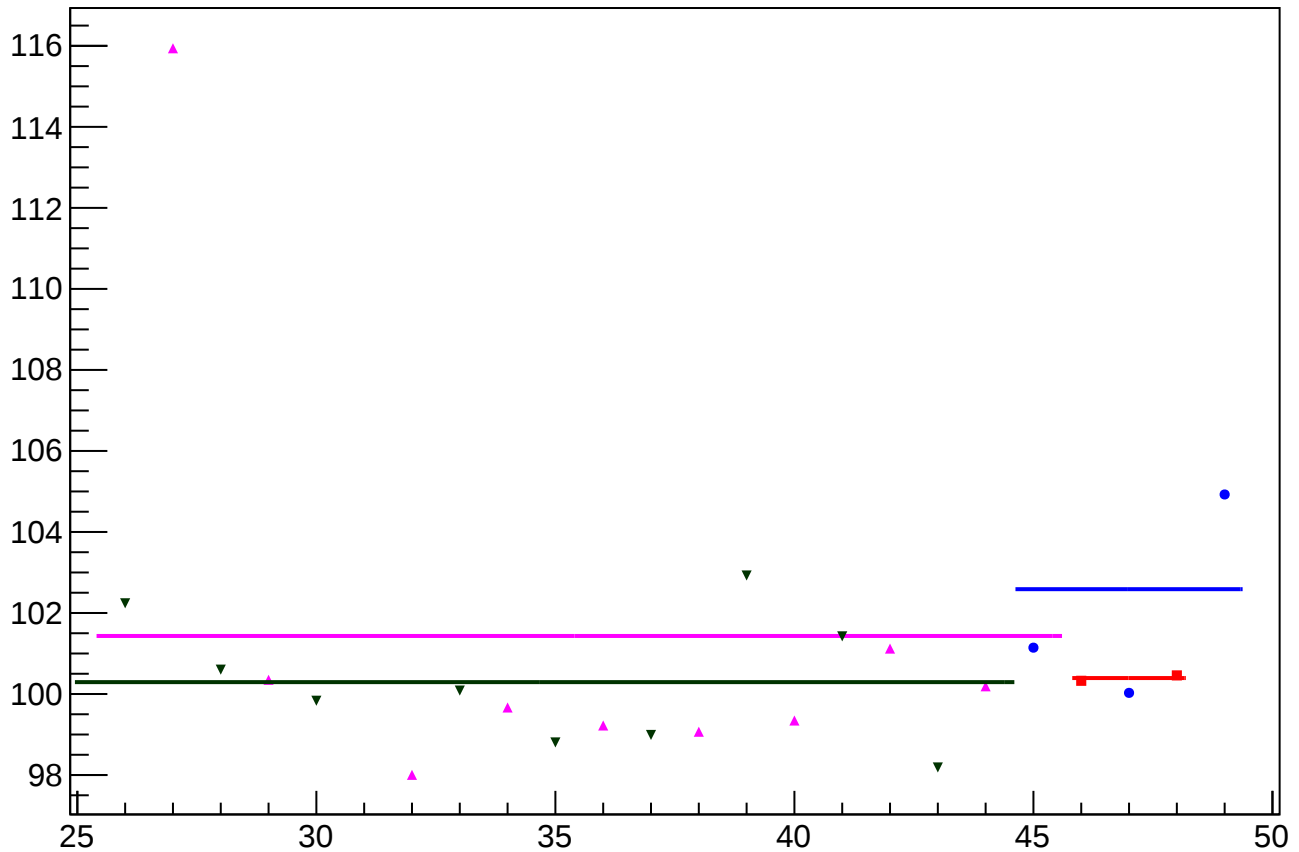
Left Out: 484.116 $\pm$ 45.554 χ^2 /NDF:10.3/8

-479.173 $\pm$ 39.742 χ^2 /NDF: 12.3/10

Right Out: -493.377 $\pm$ 107.988 χ^2 /NDF: 0.3/1

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

reg_asym_ds_avg_rms vs slug



Right In: 102.588 $\pm$ 0.052 χ^2 /NDF: 1744.5/2

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

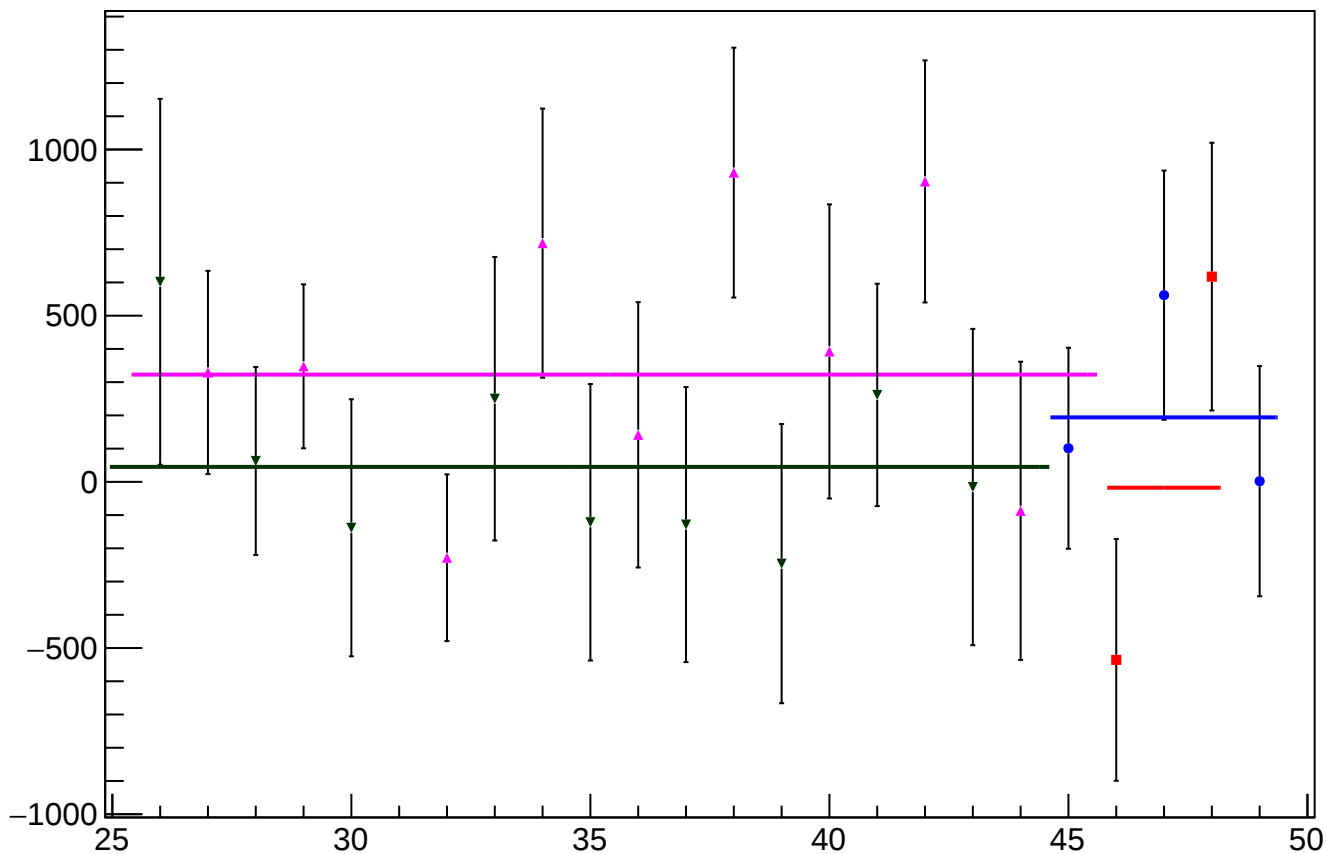
Right Out: 100.394 $\pm$ 0.076 χ^2 /NDF: 0.8/1

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

100.938 $\pm$ 0.027 χ^2 /NDF: 5152.7/11

101.292 $\pm$ 0.028 χ^2 /NDF: 31243.5/10

asym_ds_avg_correction_mean vs slug



Right In: 194.022+/-194.658 χ^2/NDF : 1.4/2

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

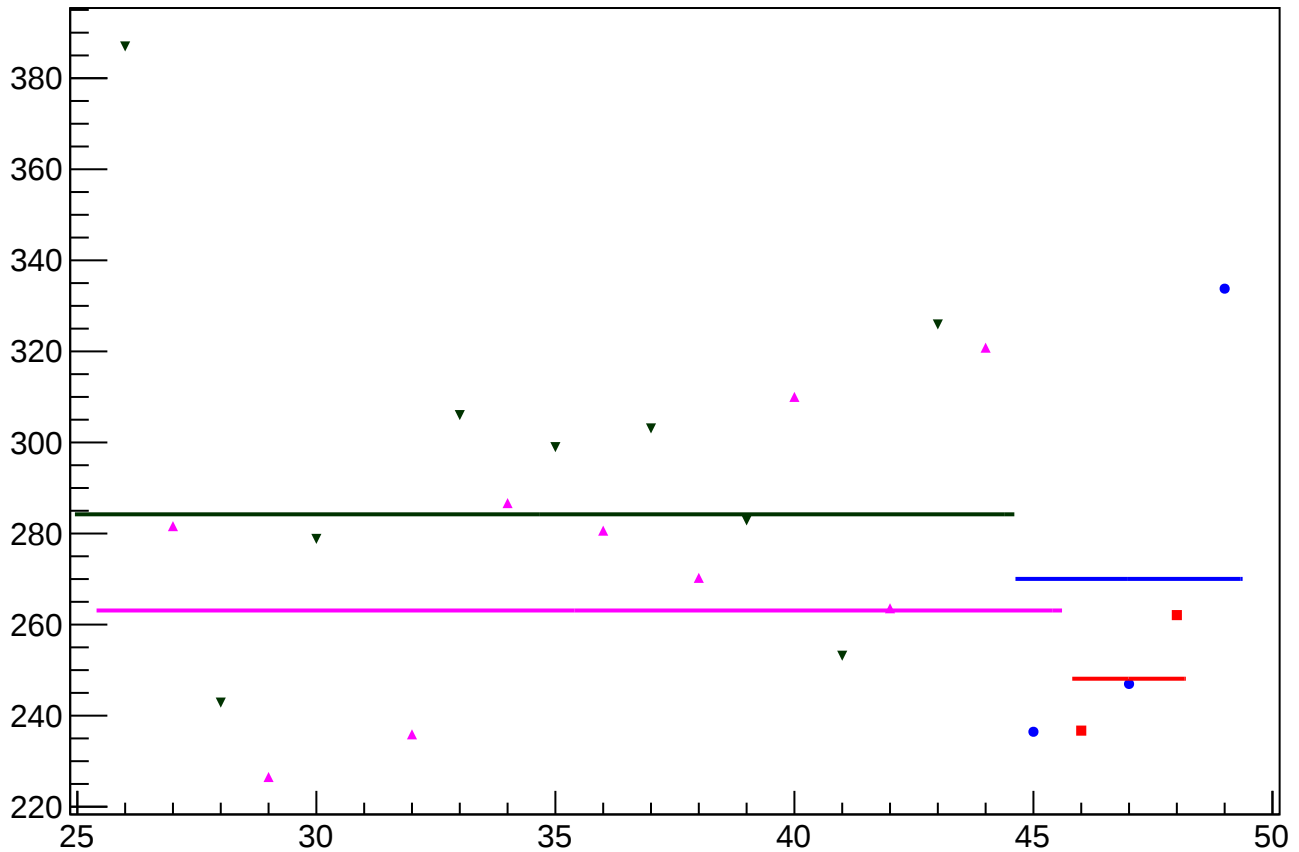
Right Out: -17.604+/-269.967 χ^2/NDF : 4.5/1

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

91.309+/-108.453 χ^2/NDF : 4.5/11

272.982+/-103.252 χ^2/NDF : 17.9/10

asym_ds_avg_correction_rms vs slug



Right In: 270.033 ± 0.138 χ^2/NDF : 99987.8/2

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

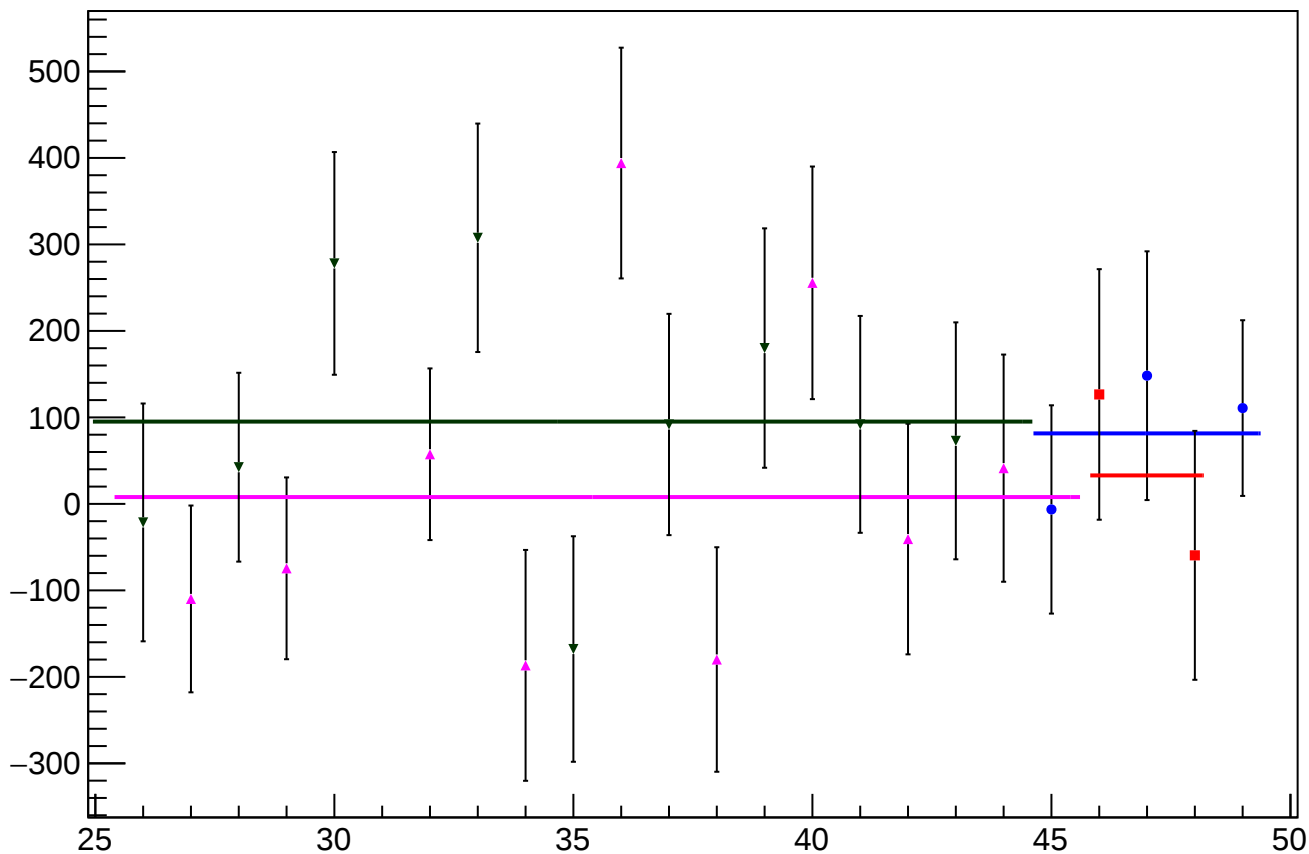
Right Out: 248.111 ± 0.191 χ^2/NDF : 4370.3/1

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

279.815 ± 0.077 χ^2/NDF : 264648.8/11

260.905 ± 0.073 χ^2/NDF : 151386.4/10

reg_asym_ds_dd_mean vs slug



Right In: 81.502 $\pm$ 68.316 χ^2/NDF : 0.8/2

Left Out: 91.293 $\pm$ 36.327 χ^2/NDF : 10.9/11

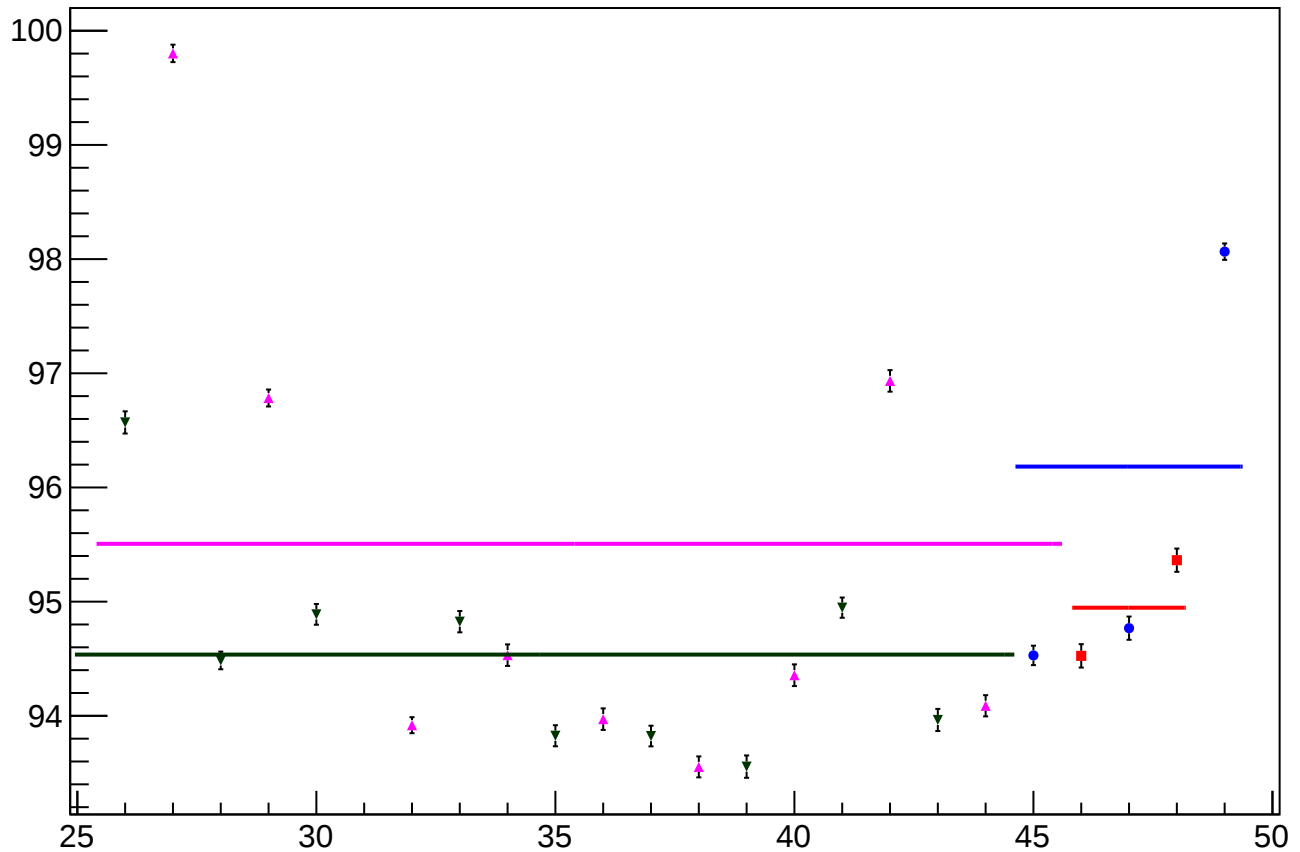
Right Out: 32.912 $\pm$ 102.087 χ^2/NDF : 0.8/1

Left In: 7.892 $\pm$ 40.192 χ^2/NDF : 18.2/8

91.293 $\pm$ 36.327 χ^2/NDF : 10.9/11

11.250 $\pm$ 37.398 χ^2/NDF : 19.1/10

reg_asym_ds_dd_rms vs slug



Right In: 96.183 $\pm$ 0.048 χ^2 /NDF: 1258.0/2

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

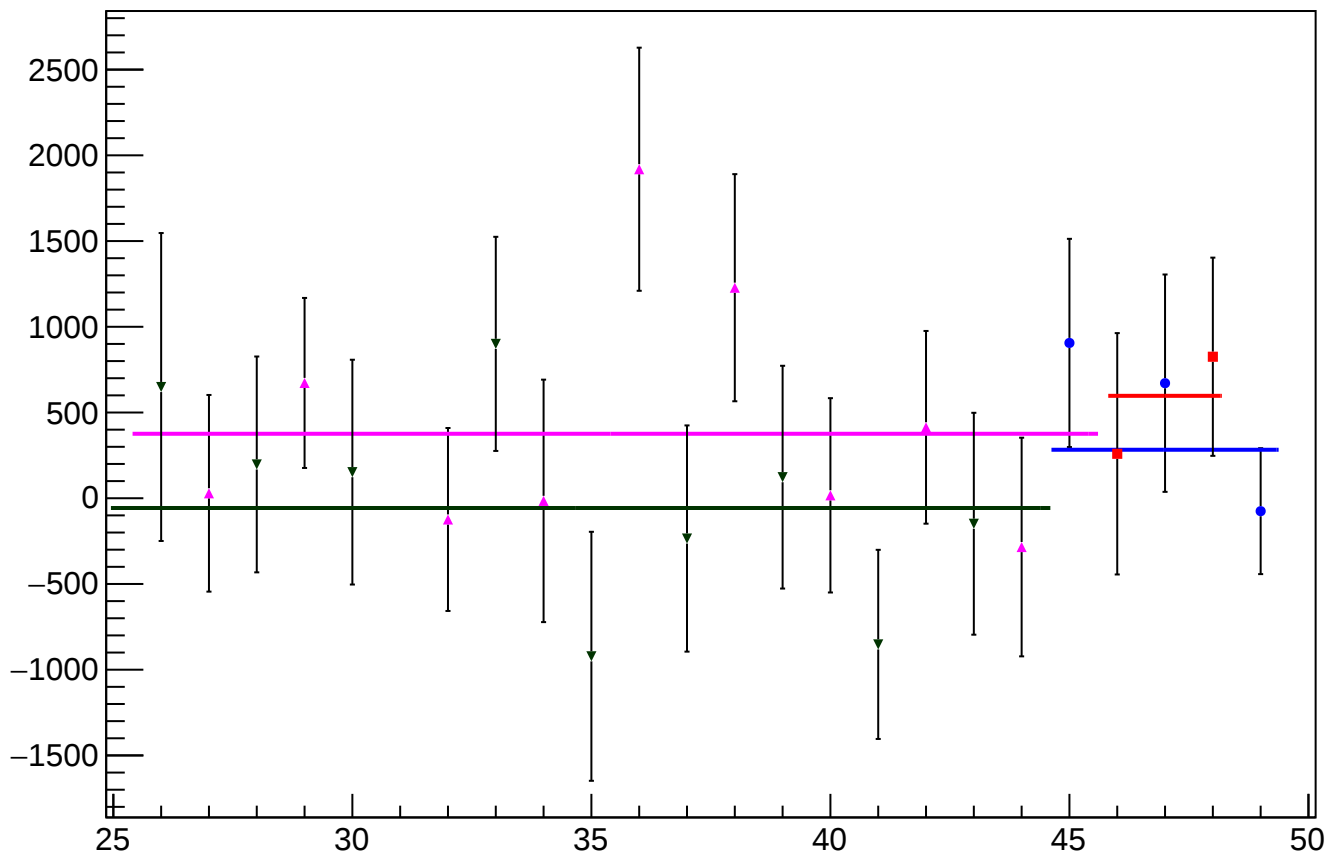
Right Out: 94.947 $\pm$ 0.072 χ^2 /NDF: 33.7/1

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

95.002 $\pm$ 0.026 χ^2 /NDF: 2832.4/11

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

asym_ds_dd_correction_mean vs slug



Right In: 282.793 ± 281.521 $\chi^2/\text{NDF}: 2.4/2$

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

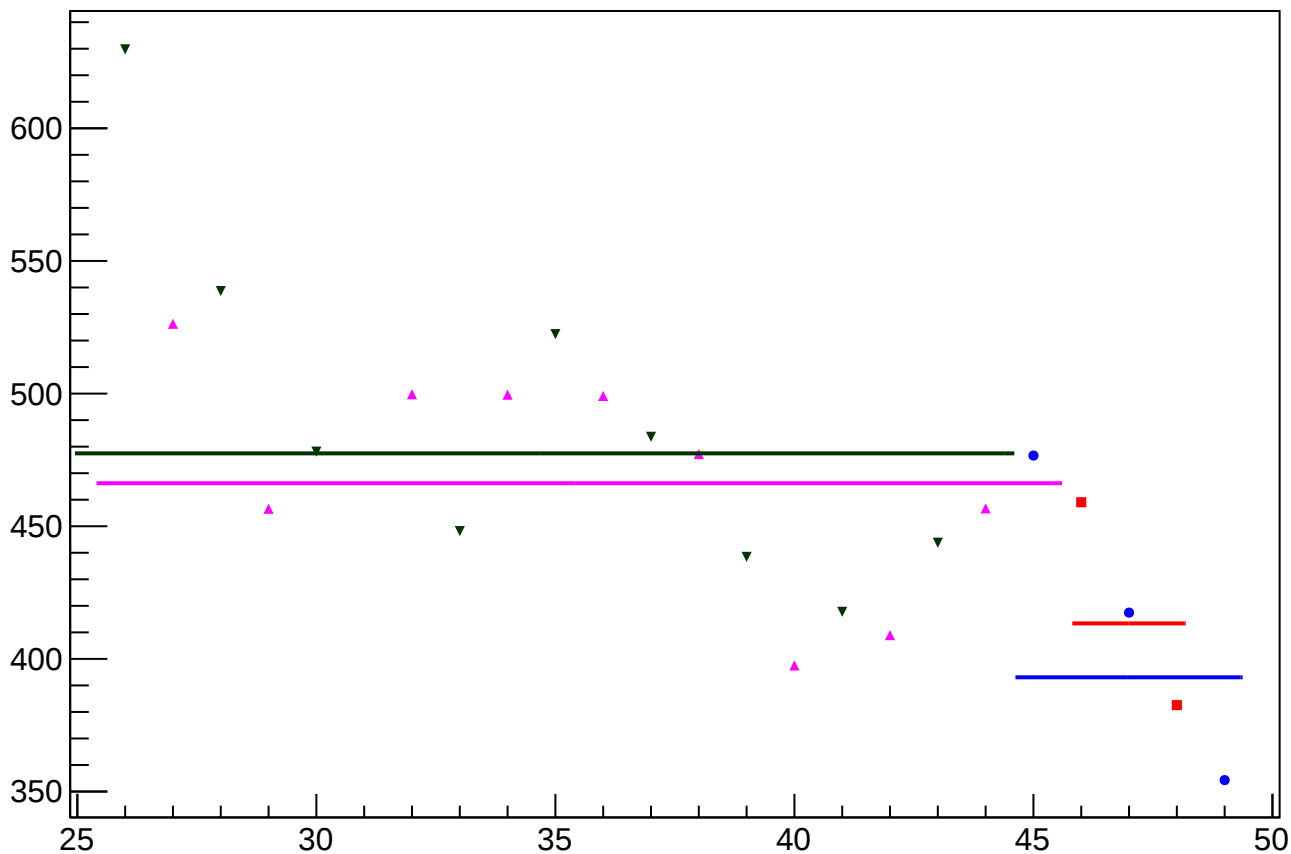
Right Out: 597.328 ± 446.684 $\chi^2/\text{NDF}: 0.4/1$

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

70.996 ± 172.742 $\chi^2/\text{NDF}: 10.2/11$

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

asym_ds_dd_correction_rms vs slug



Right In: 393.059 ± 0.199 χ^2/NDF : 63129.5/2

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

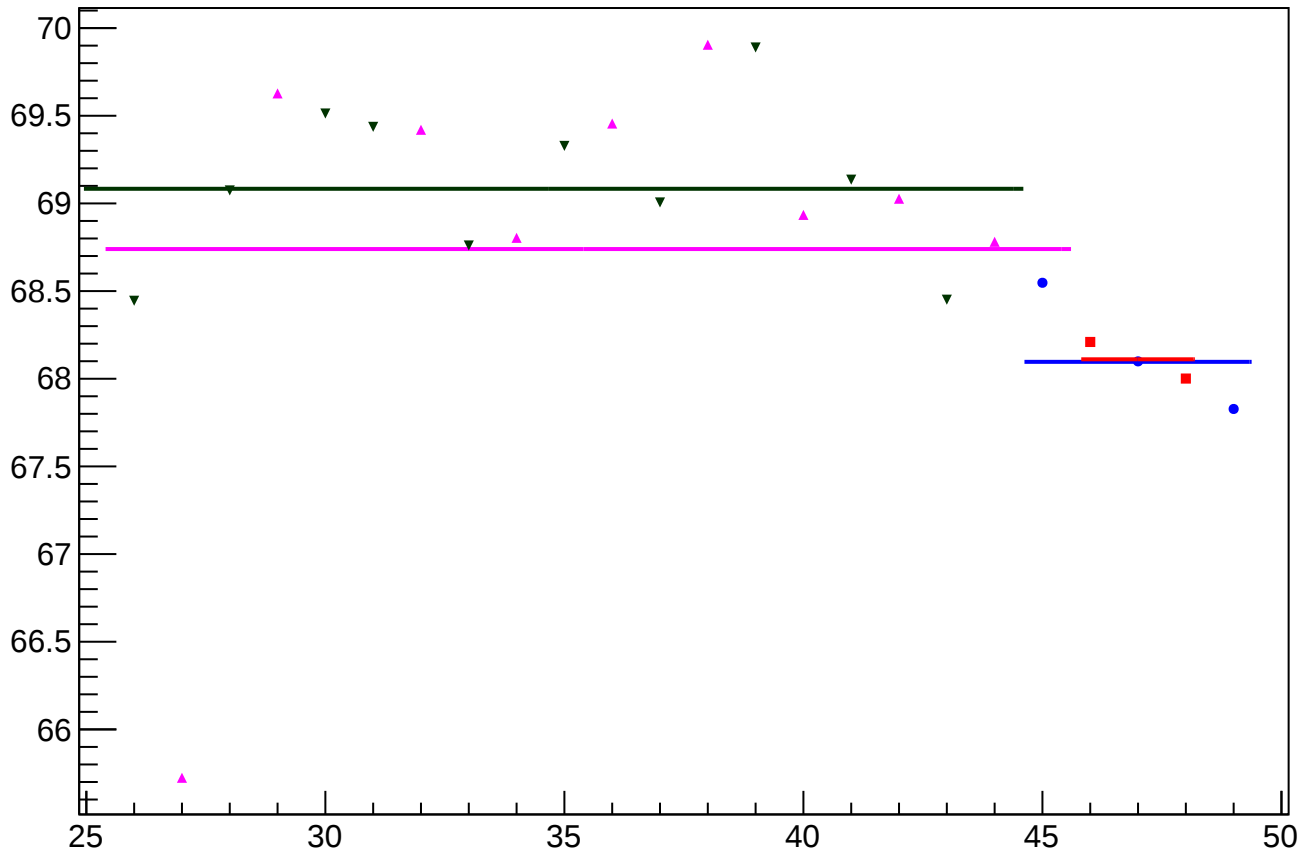
Right Out: 413.376 ± 0.316 χ^2/NDF : 14099.3/1

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

445.689 ± 0.122 χ^2/NDF : 299970.8/11

457.580 ± 0.128 χ^2/NDF : 128004.4/10

yield_bcm_an_ds_mean vs slug



Right In: 68.096+/-0.000 χ^2/NDF : 4462859.0/2

Left Out: 69.083+/-0.000 χ^2/NDF : 27004165.7/9

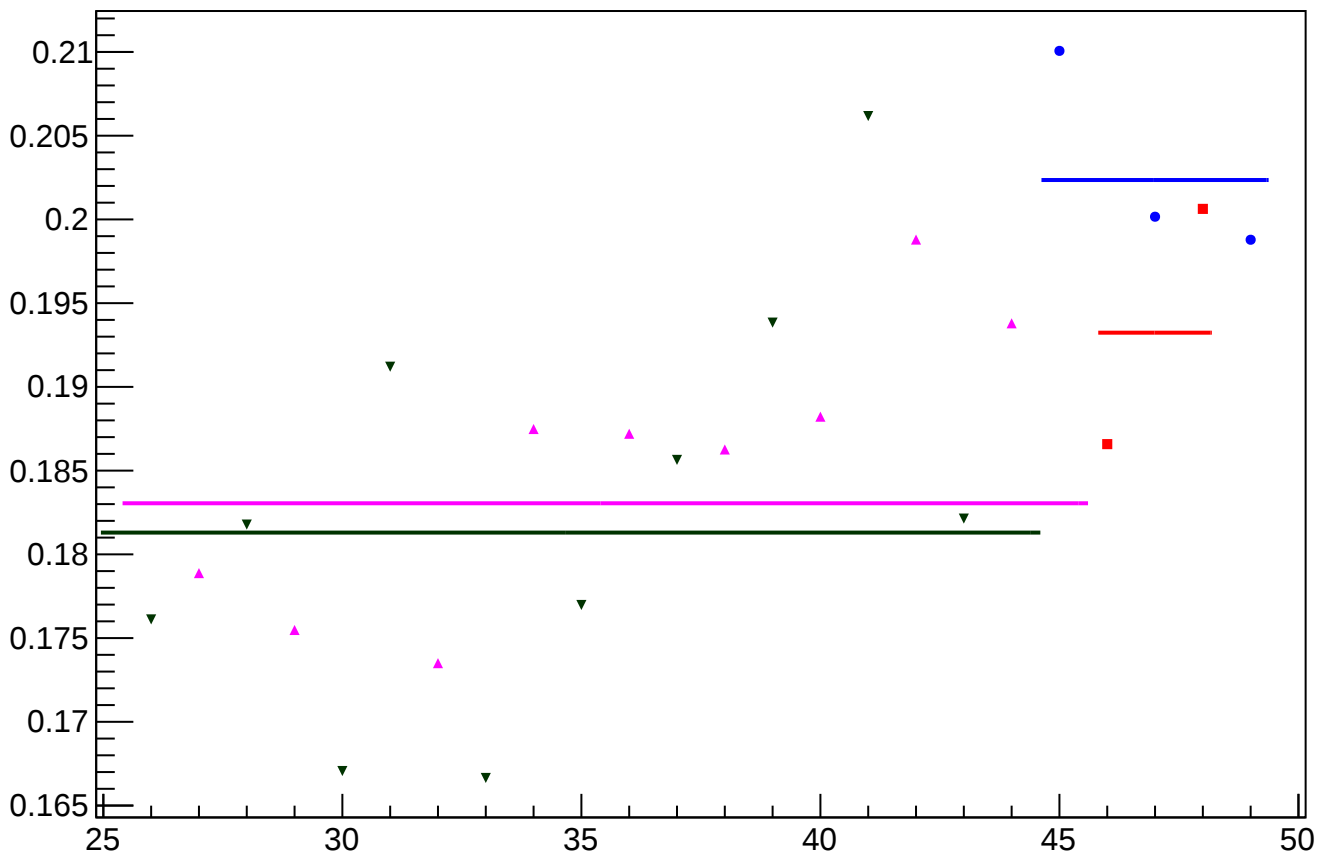
Right Out: 68.111+/-0.000 χ^2/NDF : 240213.0/1

Left In: 68.740+/-0.000 χ^2/NDF : 294554075.3/8

68.849+/-0.000 χ^2/NDF : 66733668.4/12

68.664+/-0.000 χ^2/NDF : 302490969.3/10

yield_bcm_an_ds_rms vs slug



Right In: 0.202 ± 0.000 χ^2/NDF : 2323.5/2

Left Out: 0.181 ± 0.000 χ^2/NDF : 38931.4/9

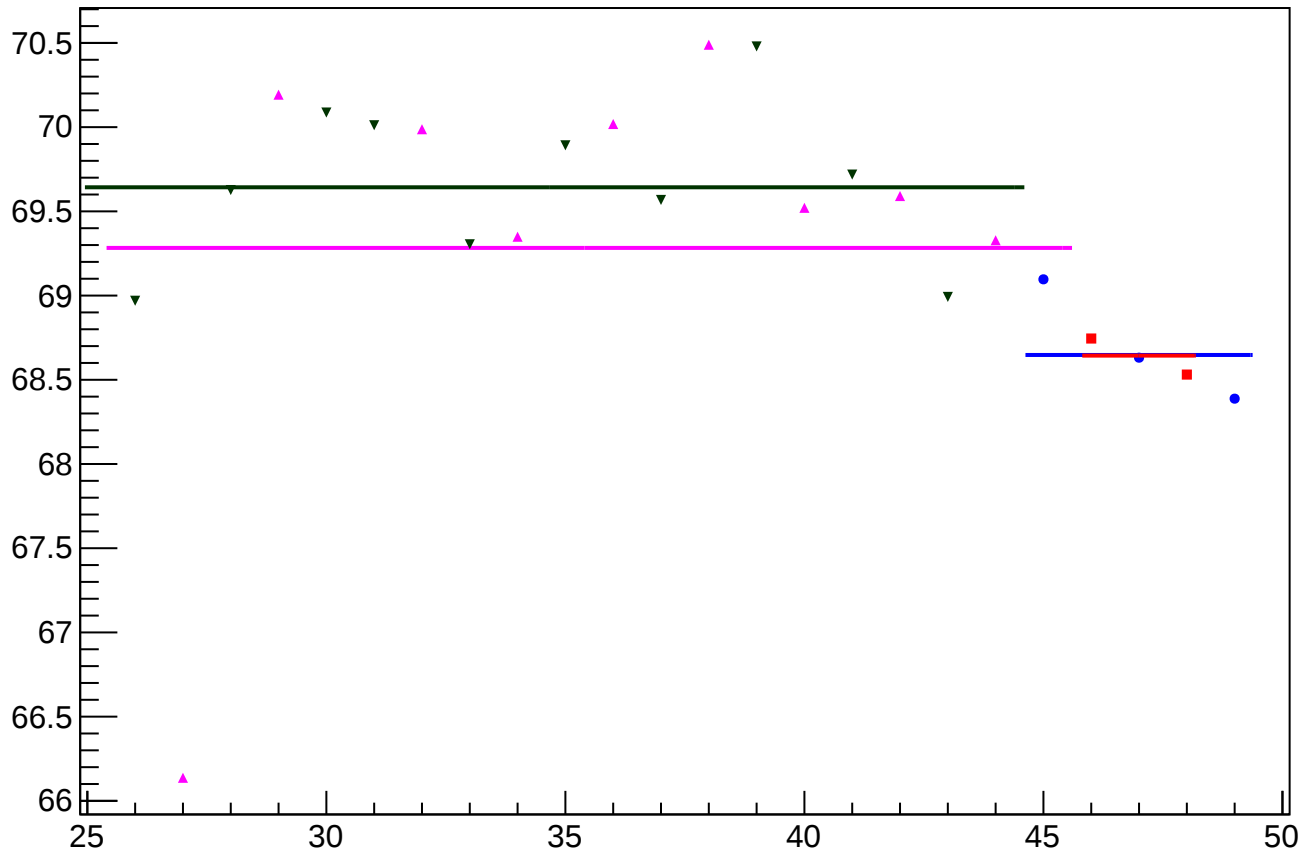
Right Out: 0.193 ± 0.000 χ^2/NDF : 2176.6/1

Left In: 0.183 ± 0.000 χ^2/NDF : 20520.7/8

0.186 ± 0.000 χ^2/NDF : 73343.9/12

0.184 ± 0.000 χ^2/NDF : 26736.8/10

yield_bcm_an_ds3_mean vs slug



Right In: 68.647+/-0.000 χ^2/NDF : 4128019.1/2

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

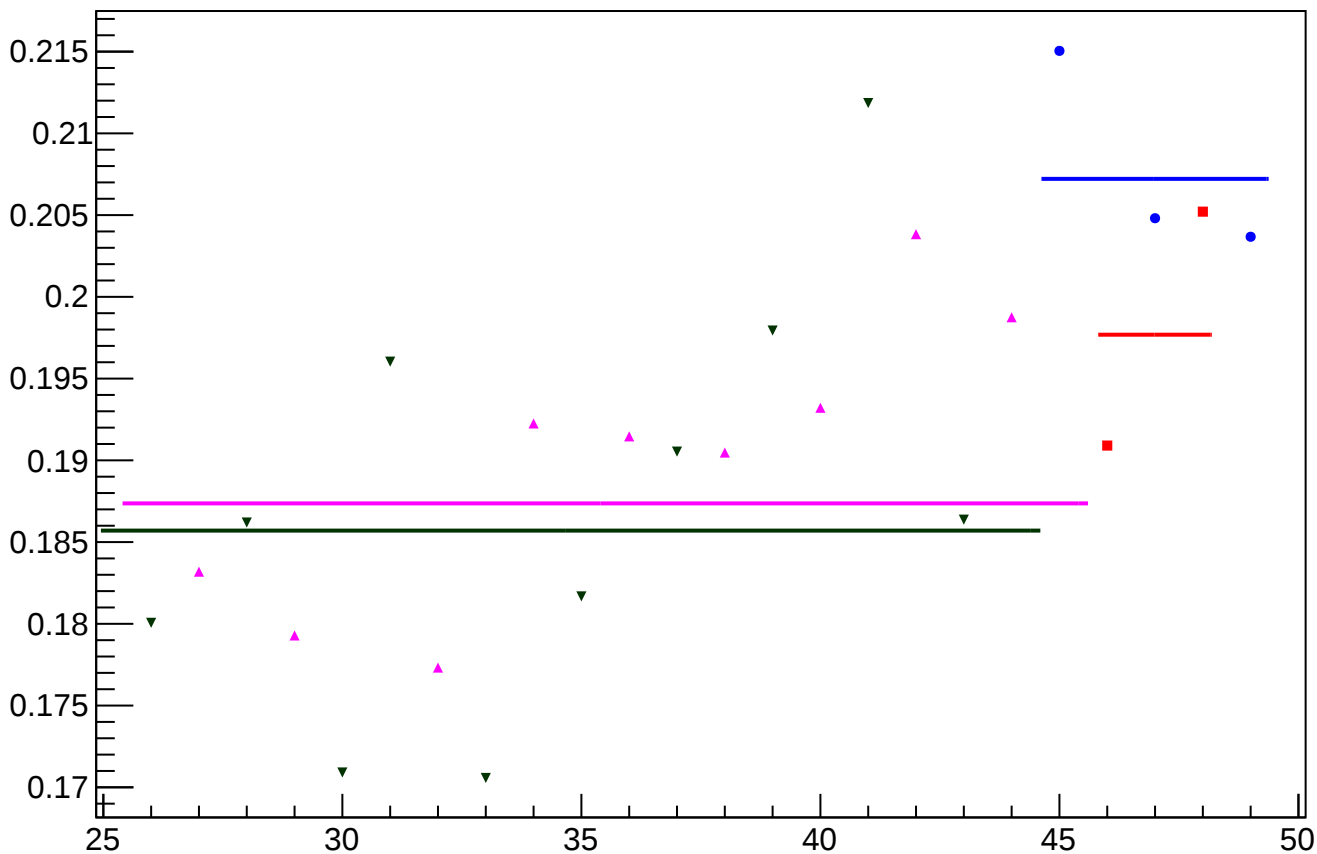
Right Out: 68.644+/-0.000 χ^2/NDF : 241475.9/1

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

69.406+/-0.000 χ^2/NDF : 66256925.8/12

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

yield_bcm_an_ds3_rms vs slug



Right In: 0.207 $\pm$ 0.000 χ^2 /NDF: 2276.2/2

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

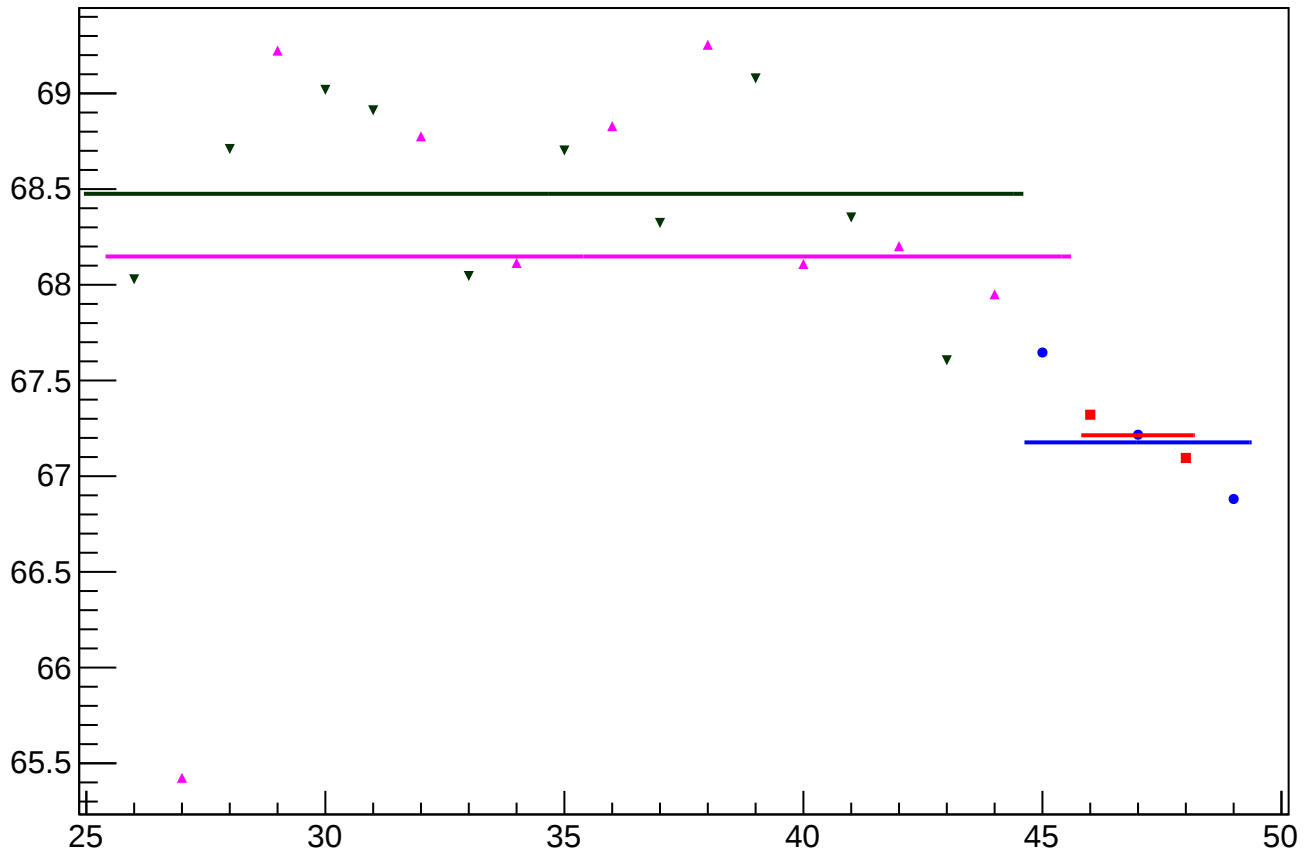
0.191 $\pm$ 0.000 χ^2 /NDF: 74125.7/12

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

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

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

yield_bcm_an_us_mean vs slug



Right In: 67.177+/-0.000 χ^2/NDF : 5225121.5/2

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

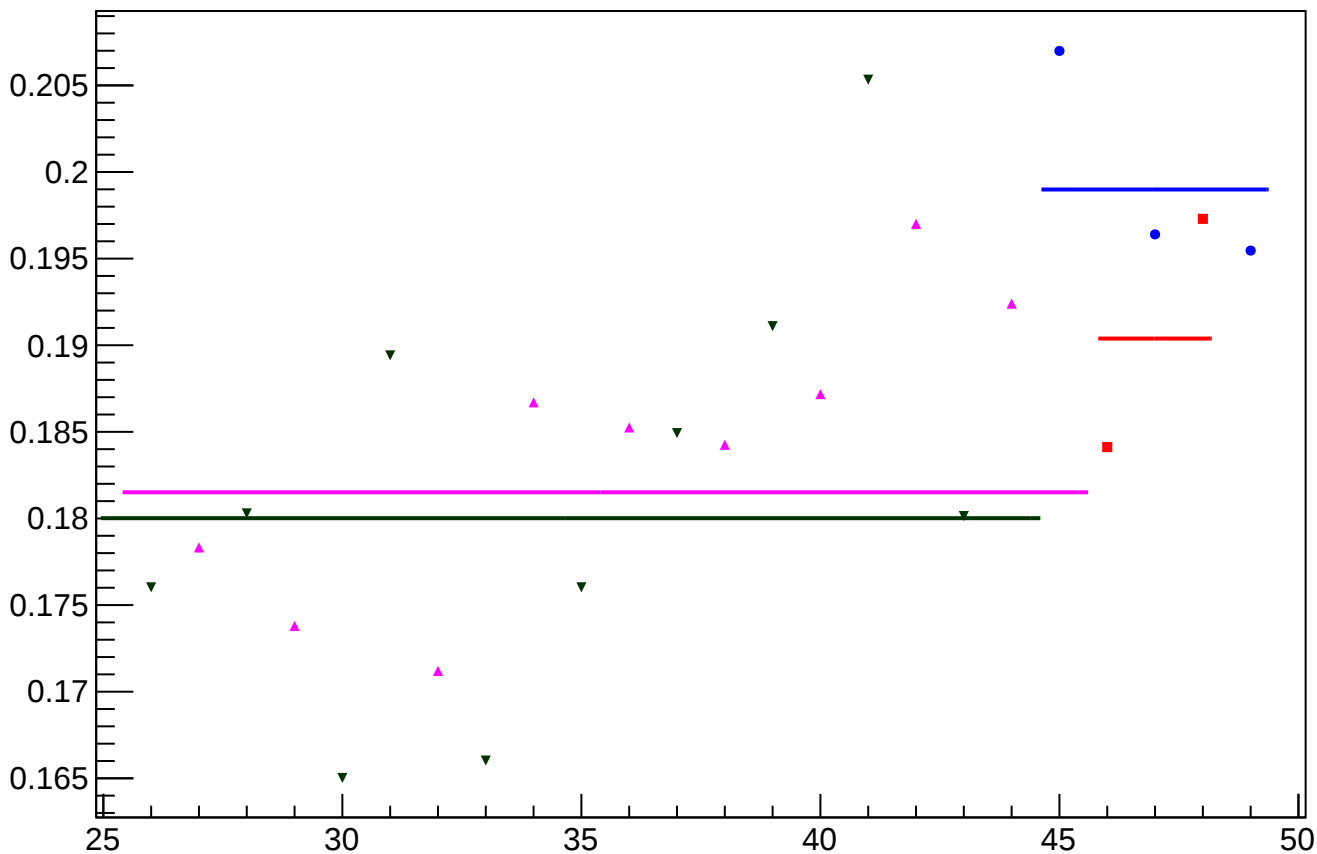
Right Out: 67.214+/-0.000 χ^2/NDF : 290086.3/1

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

68.161+/-0.000 χ^2/NDF : 99438822.8/12

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

yield_bcm_an_us_rms vs slug



Right In: 0.199 $\pm$ 0.000 χ^2 /NDF: 2551.8/2

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

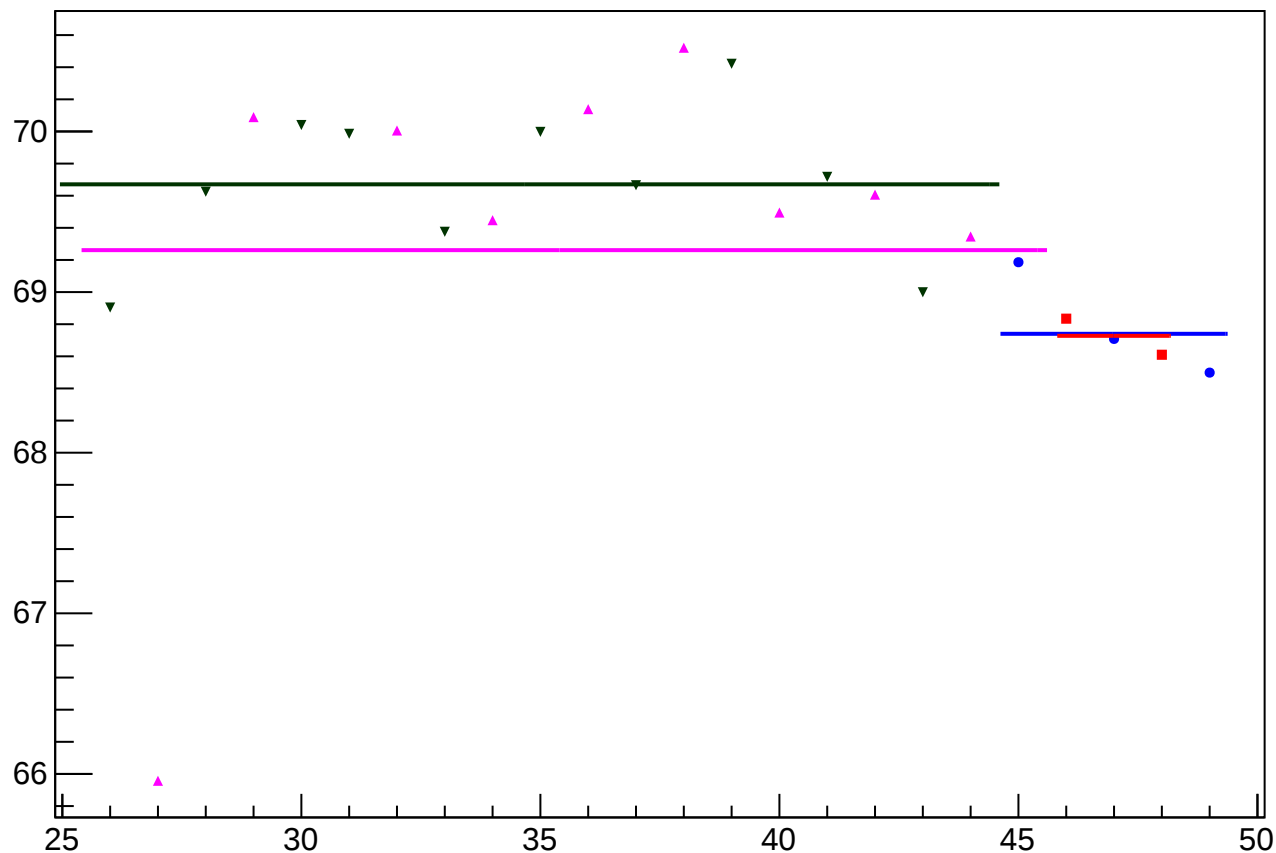
Right Out: 0.190 $\pm$ 0.000 χ^2 /NDF: 1973.4/1

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

0.185 $\pm$ 0.000 χ^2 /NDF: 68263.0/12

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

yield_bcm_dg_us_mean vs slug



Right In: 68.740 ± 0.000 χ^2/NDF : 3564402.3/2

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

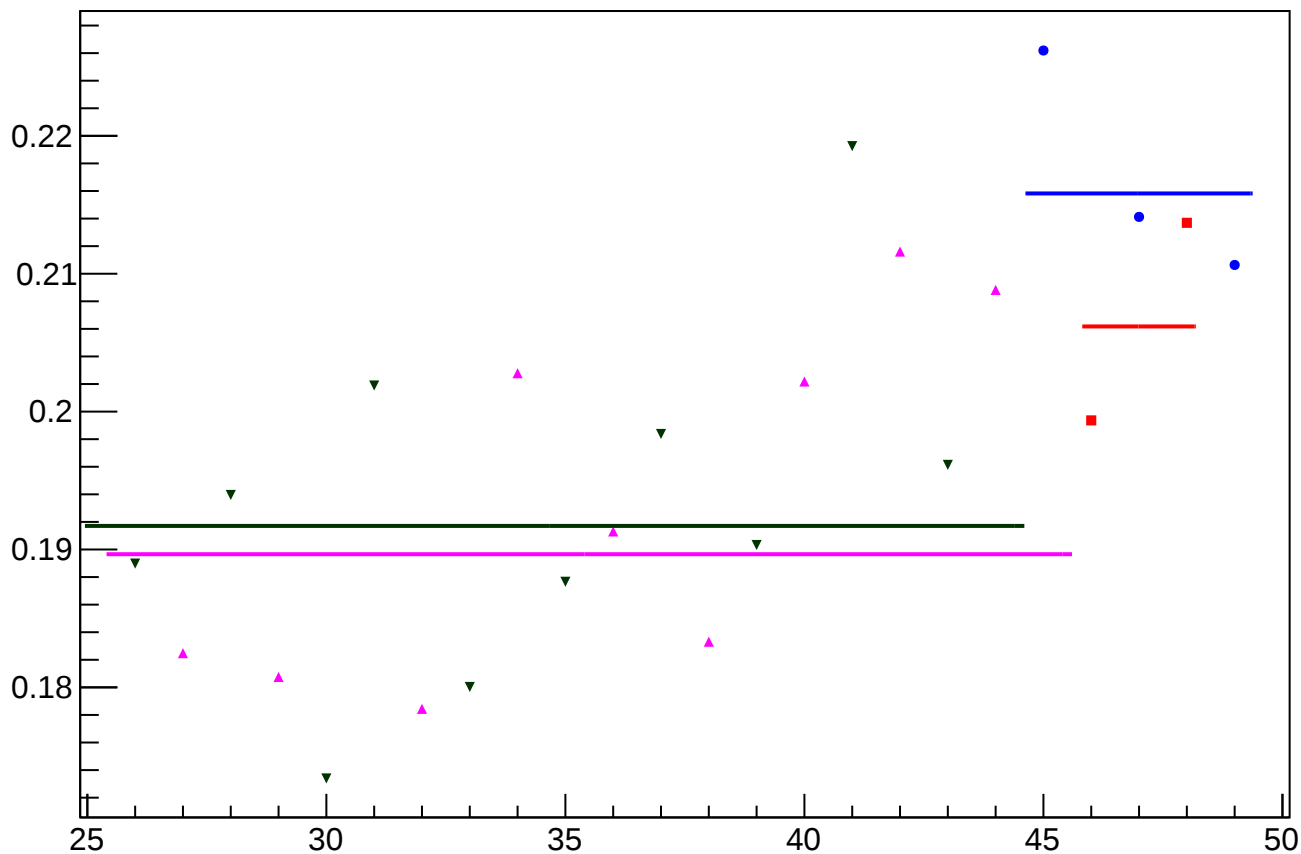
Right Out: 68.728 ± 0.000 χ^2/NDF : 244289.9/1

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

69.452 ± 0.000 χ^2/NDF : 57479418.6/12

69.200 ± 0.000 χ^2/NDF : 339240855.7/10

yield_bcm_dg_us_rms vs slug



Right In: 0.216 ± 0.000 χ^2/NDF : 3707.3/2

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

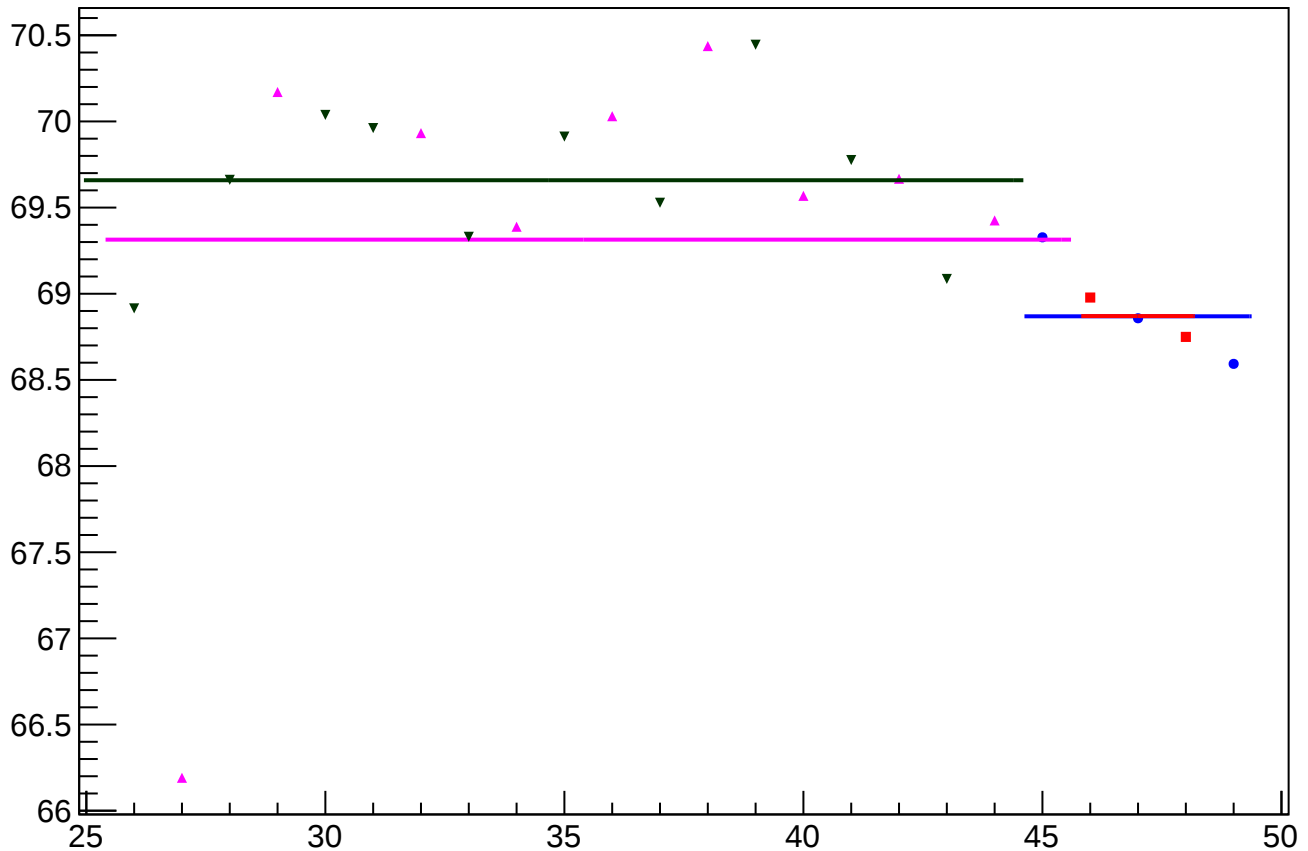
Right Out: 0.206 ± 0.000 χ^2/NDF : 1989.5/1

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

0.197 ± 0.000 χ^2/NDF : 78463.1/12

0.192 ± 0.000 χ^2/NDF : 52940.9/10

yield_bcm_dg_ds_mean vs slug



Right In: 68.869+/-0.000 χ^2/NDF : 4326682.9/2

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

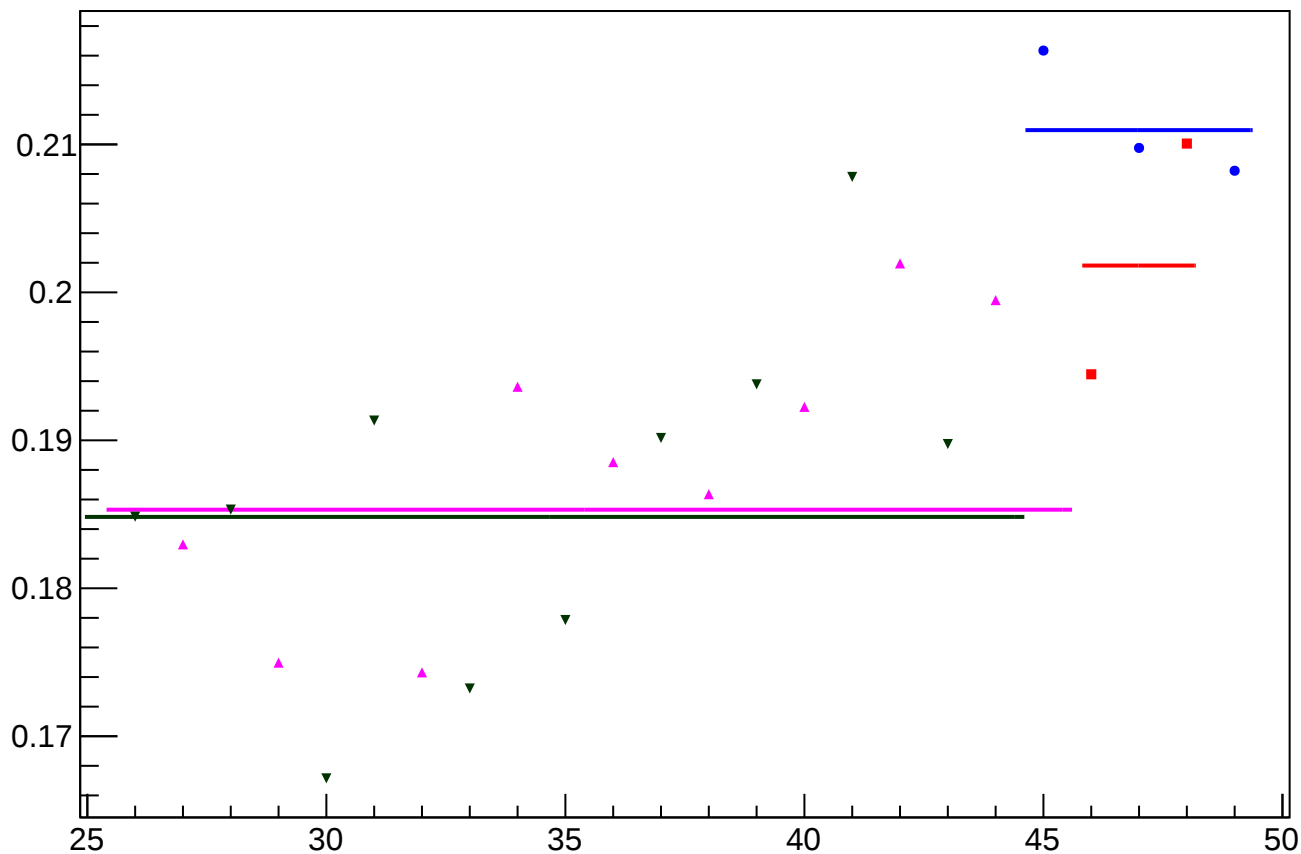
Right Out: 68.870+/-0.000 χ^2/NDF : 263661.5/1

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

69.477+/-0.000 χ^2/NDF : 51263193.0/12

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

yield_bcm_dg_ds_rms vs slug



Right In: 0.211 ± 0.000 χ^2/NDF : 1094.0/2

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

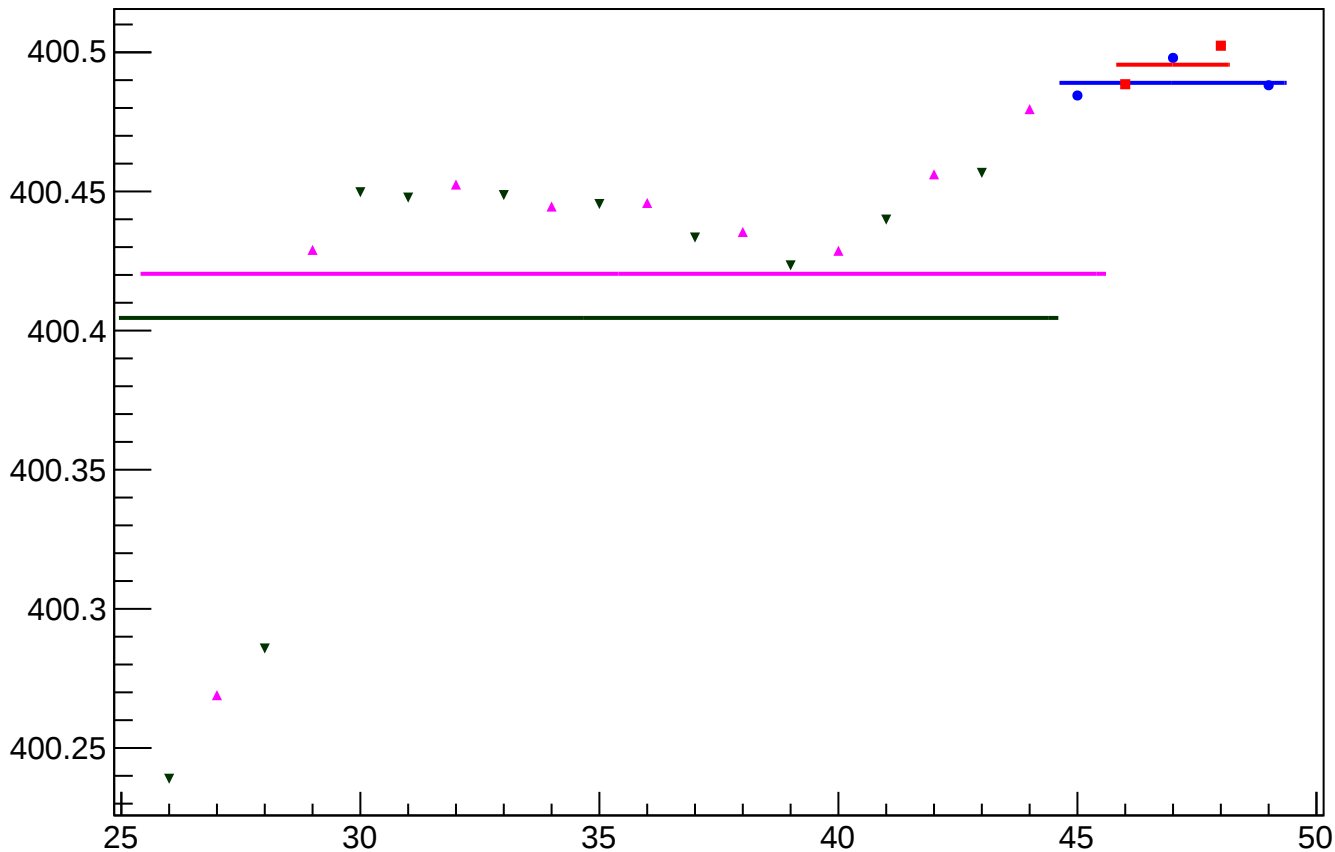
Right Out: 0.202 ± 0.000 χ^2/NDF : 2458.3/1

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

0.191 ± 0.000 χ^2/NDF : 82351.7/12

0.187 ± 0.000 χ^2/NDF : 40245.4/10

yield_cav4bQ_mean vs slug



Right In: 400.489+/-0.000 χ^2/NDF : 1042577.6/2

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

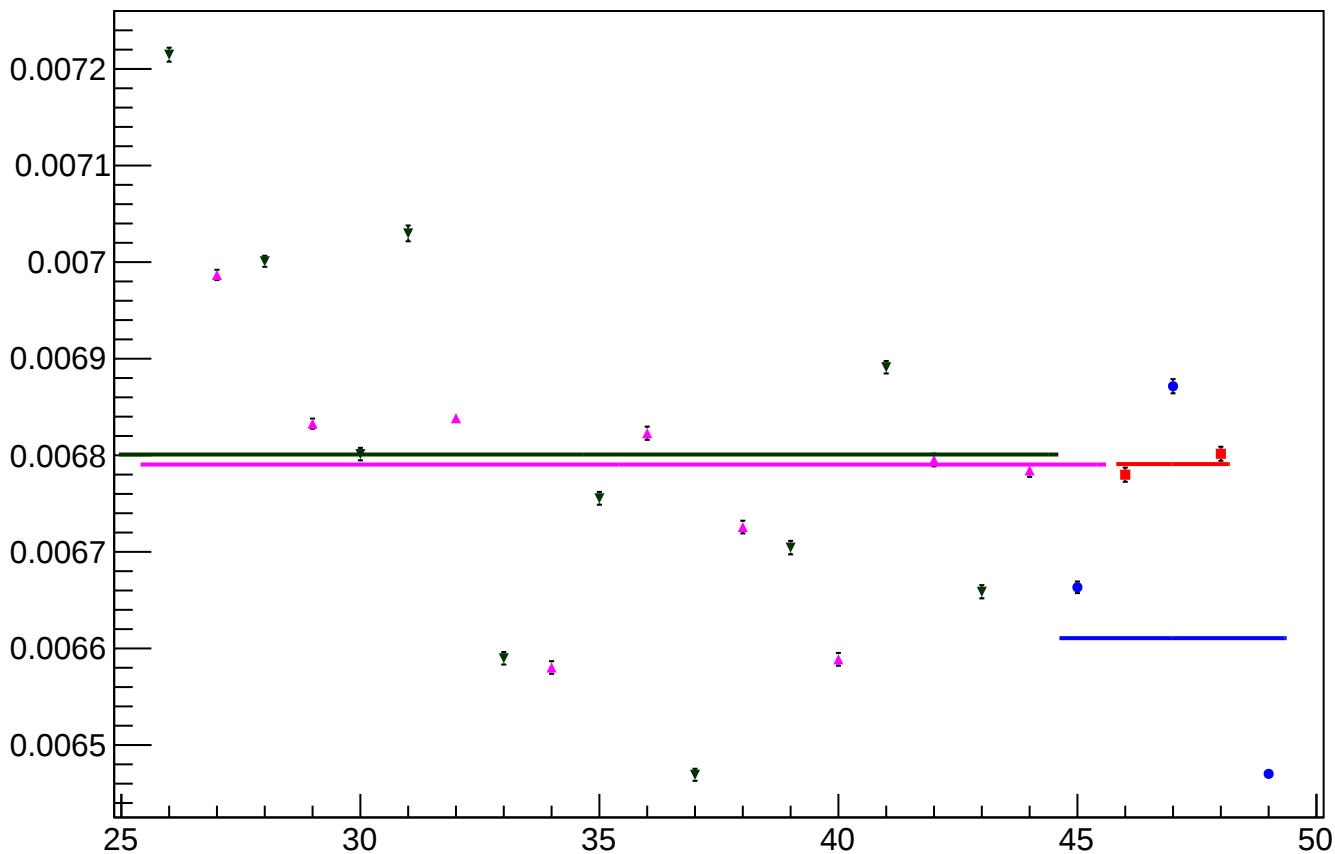
400.429+/-0.000 χ^2/NDF : 844562038.9/12

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

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

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

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2206.5/2

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

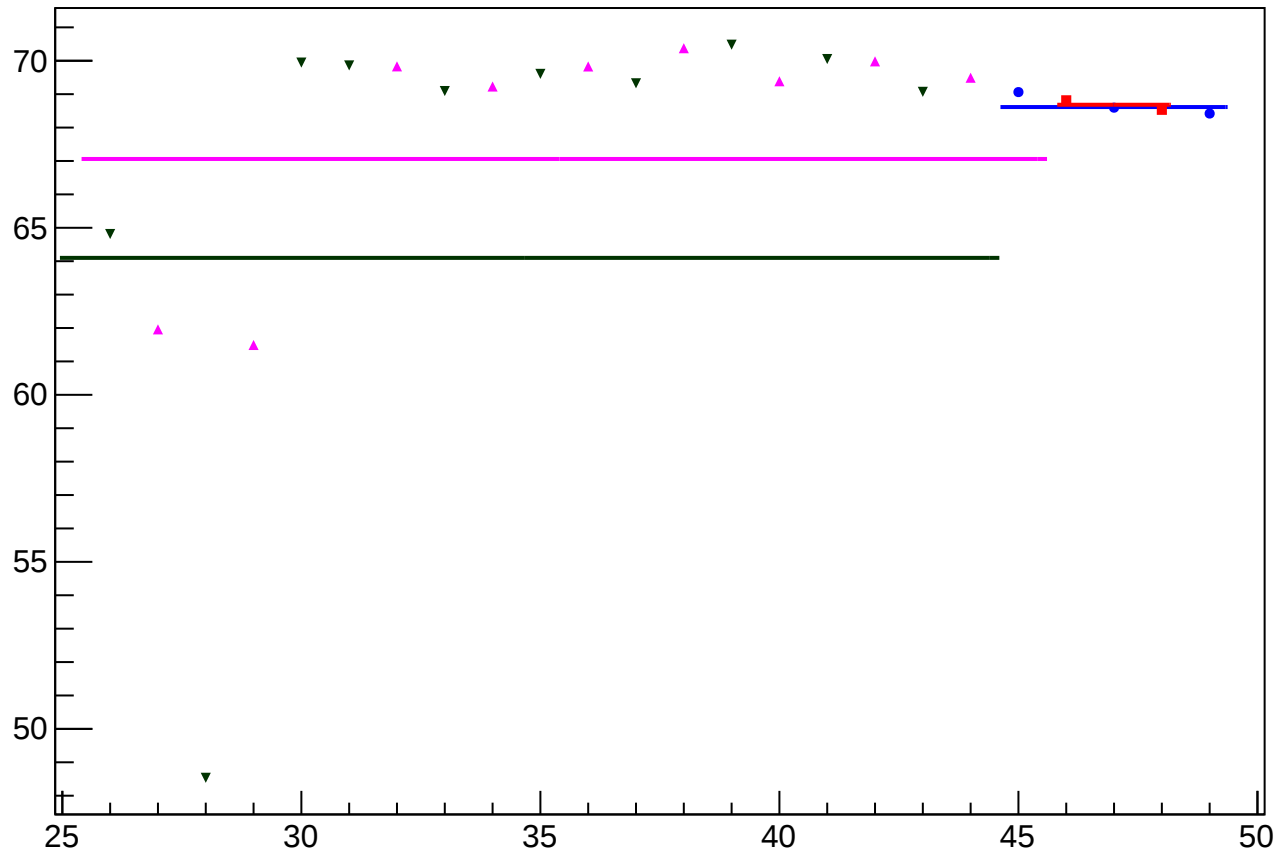
Right Out: 0.007+/-0.000 χ^2/NDF : 4.4/1

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

0.007+/-0.000 χ^2/NDF : 14528.2/12

0.007+/-0.000 χ^2/NDF : 3573.4/10

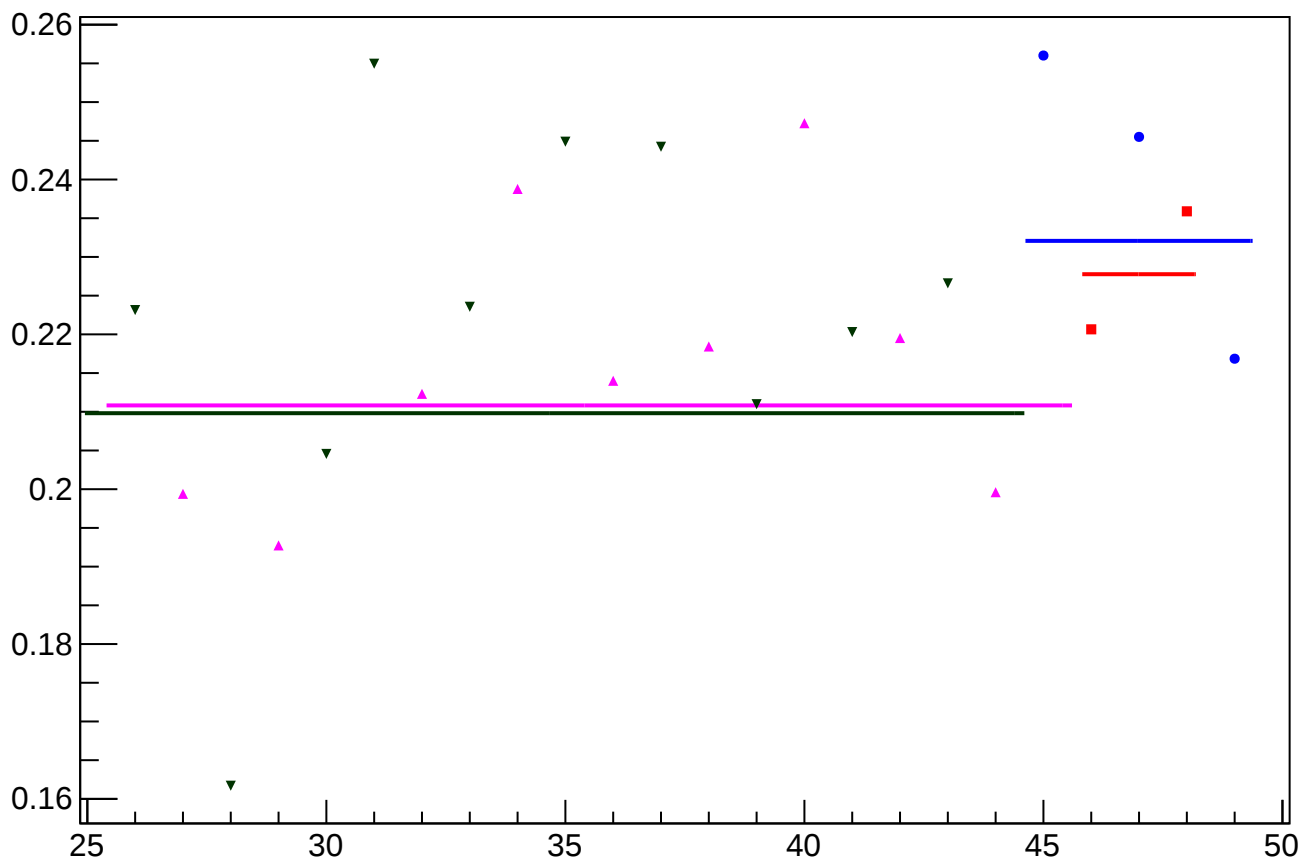
yield_cav4cQ_mean vs slug



Right In: 68.615 $\pm$ 0.000 χ^2 /NDF: 2472695.7/2
 Left Out: 64.100 $\pm$ 0.000 χ^2 /NDF: 8515869637.9/9
 Right Out: 68.683 $\pm$ 0.000 χ^2 /NDF: 302058.7/1
 Left In: 67.060 $\pm$ 0.000 χ^2 /NDF: 1652976727.1/8

65.211 $\pm$ 0.000 χ^2 /NDF: 9047804168.8/12
 67.249 $\pm$ 0.000 χ^2 /NDF: 1688227568.5/10

yield_cav4cQ_rms vs slug



Right In: 0.232+/-0.000 χ^2/NDF : 21225.2/2

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

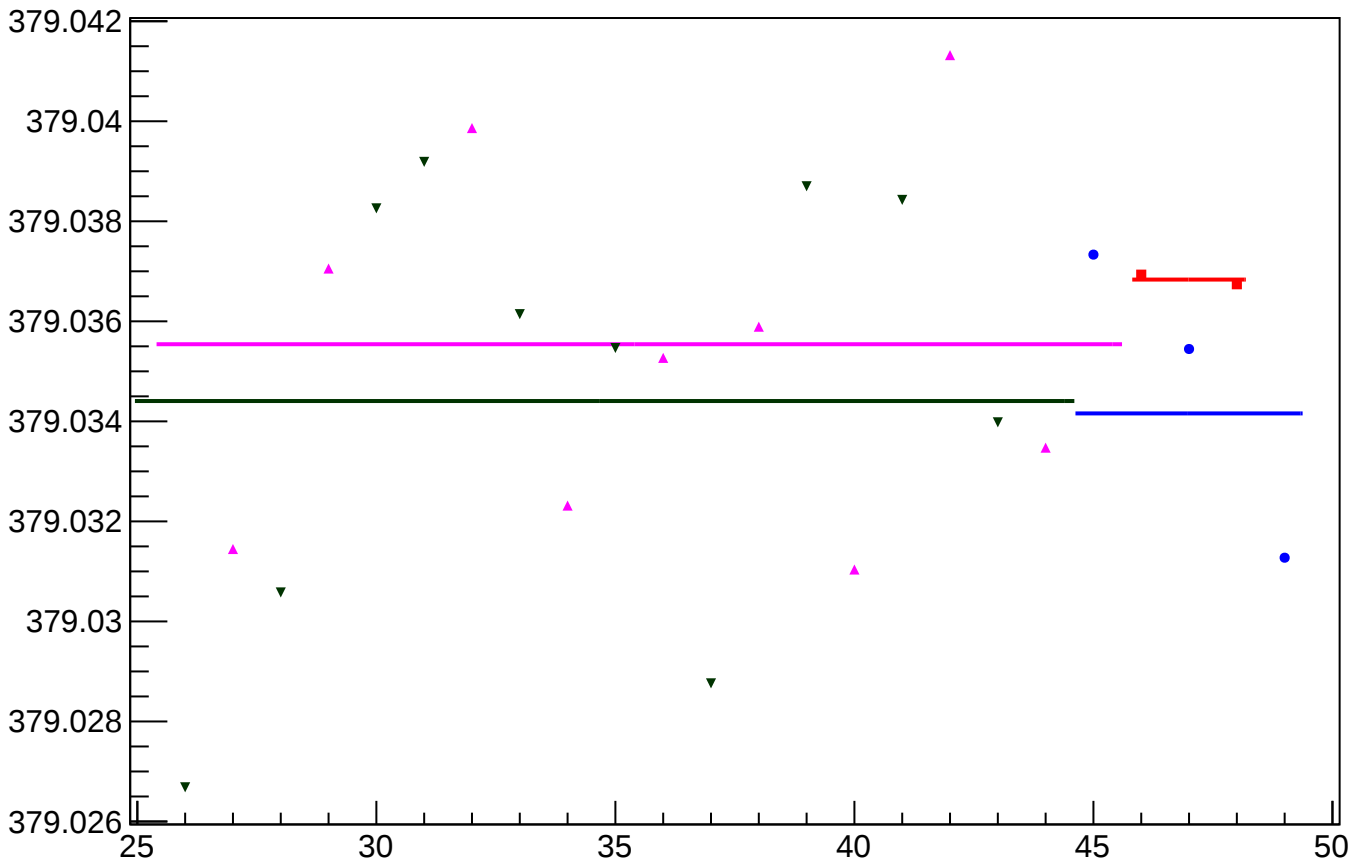
Right Out: 0.228+/-0.000 χ^2/NDF : 1736.3/1

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

0.215+/-0.000 χ^2/NDF : 241341.0/12

0.213+/-0.000 χ^2/NDF : 64778.5/10

yield_cav4dQ_mean vs slug



Right In: 379.034 $\pm$ 0.000 χ^2 /NDF: 299130.0/2

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

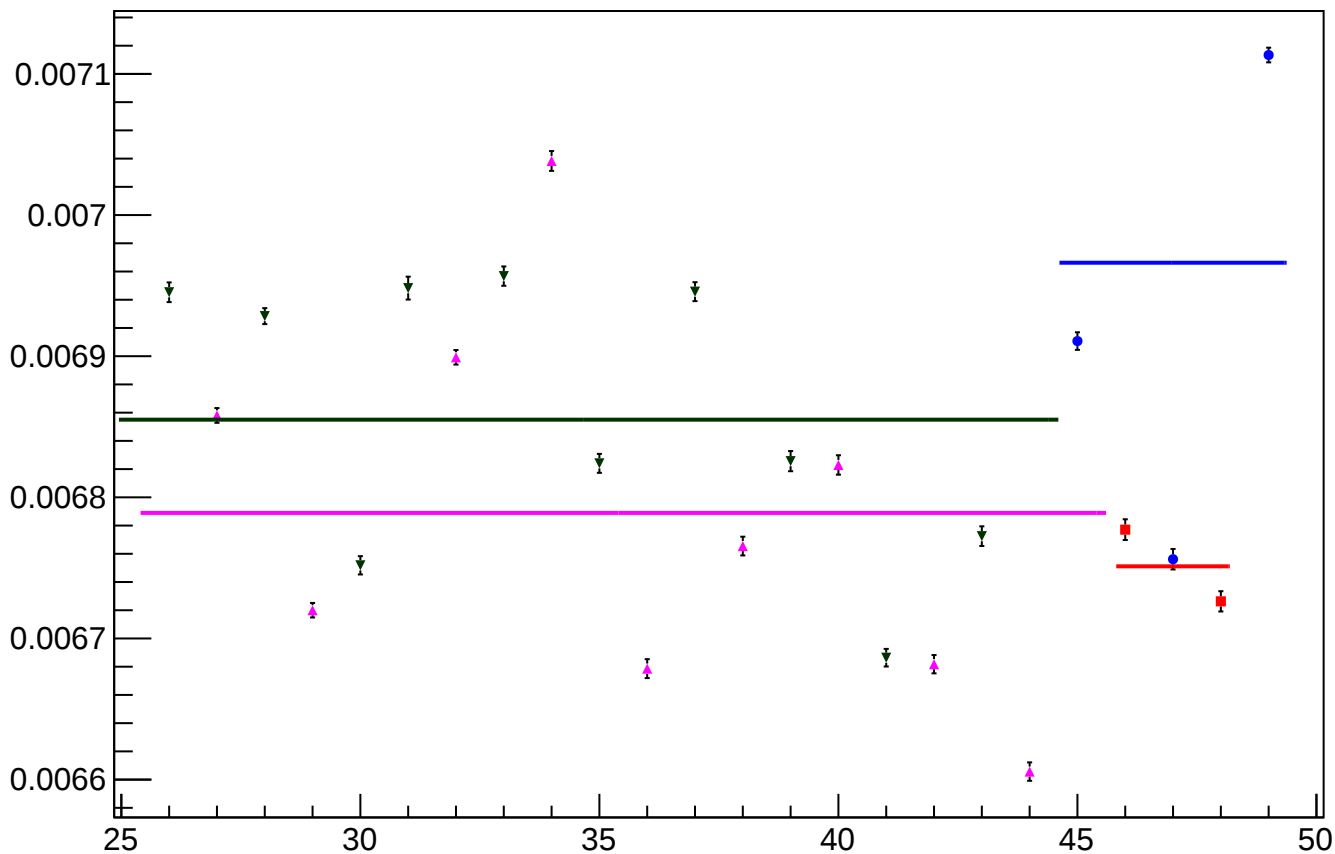
379.034 $\pm$ 0.000 χ^2 /NDF: 2281383.9/12

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 : 1716.8/2

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

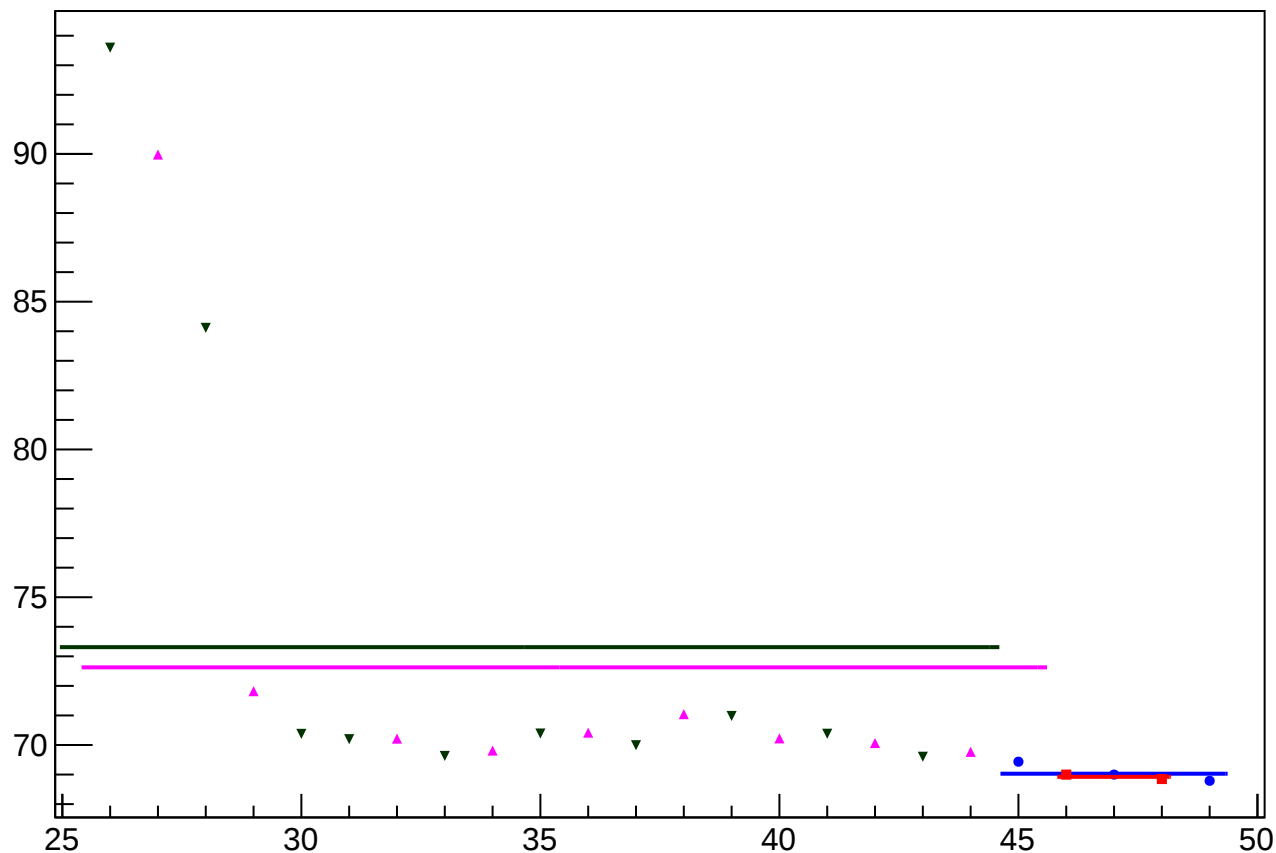
Right Out: 0.007+/-0.000 χ^2/NDF : 24.5/1

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

0.007+/-0.000 χ^2/NDF : 4487.7/12

0.007+/-0.000 χ^2/NDF : 3511.1/10

yield_bcm0l02_mean vs slug



Right In: 69.028+/-0.000 χ^2/NDF : 1904541.4/2

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

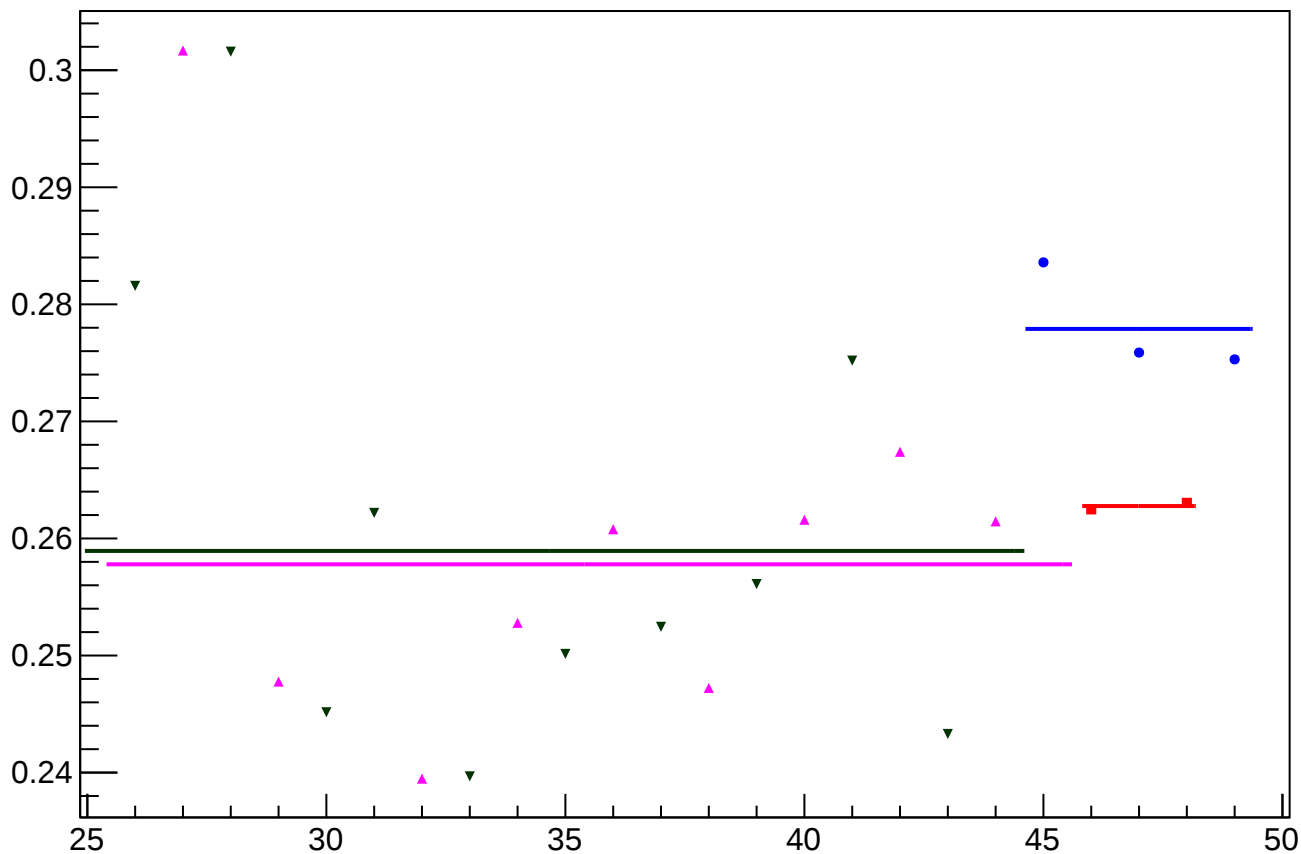
Right Out: 68.923+/-0.000 χ^2/NDF : 64534.1/1

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

72.207+/-0.000 χ^2/NDF : 4052652084.6/12

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

yield_bcm0l02_rms vs slug



Right In: 0.278+/-0.000 χ^2/NDF : 682.6/2

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

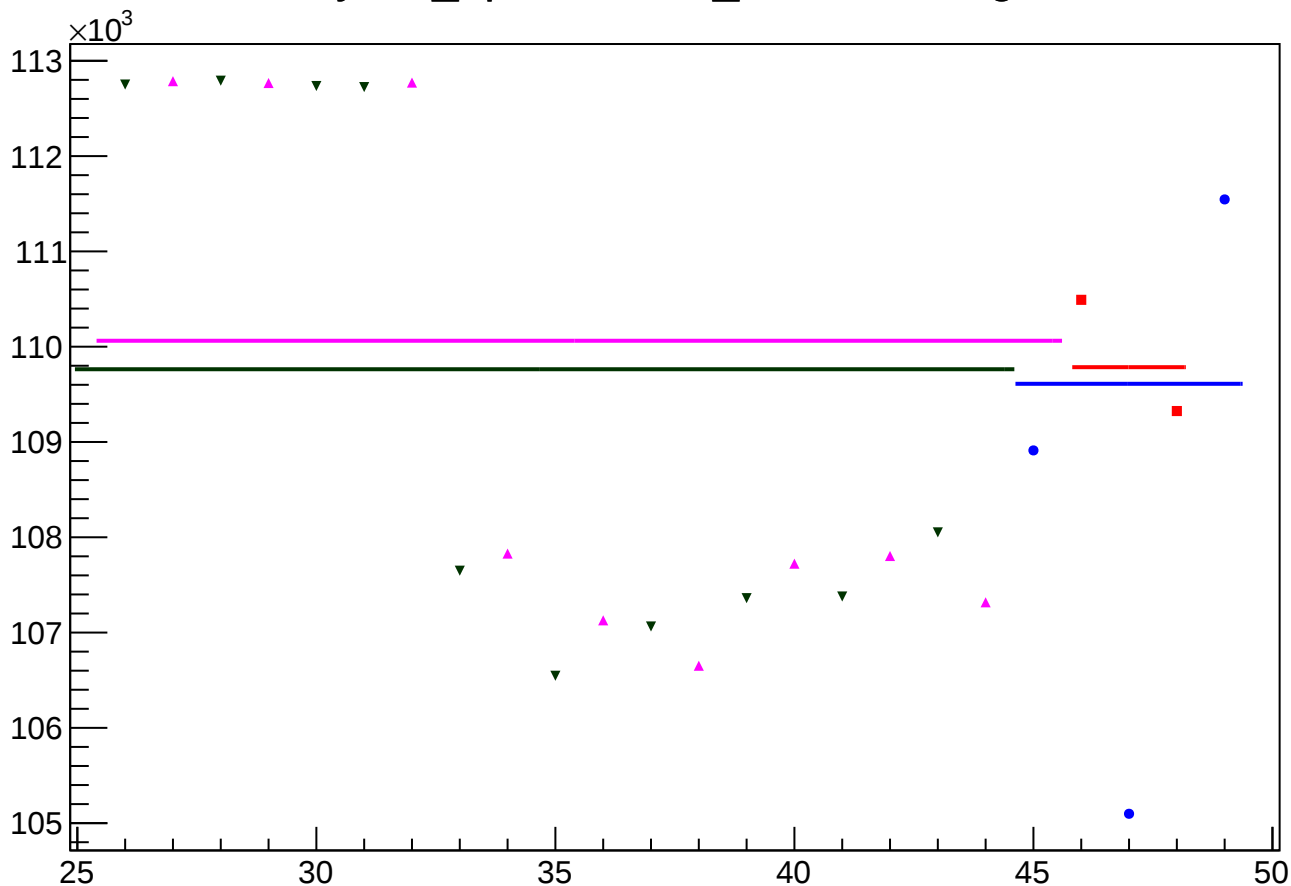
Right Out: 0.263+/-0.000 χ^2/NDF : 1.8/1

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

0.264+/-0.000 χ^2/NDF : 61645.7/12

0.258+/-0.000 χ^2/NDF : 49730.3/10

yield_bpm2i01WS_mean vs slug



Right In: 109610.555 $\pm$ 0.100 χ^2 /NDF: 614114589.7/2

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

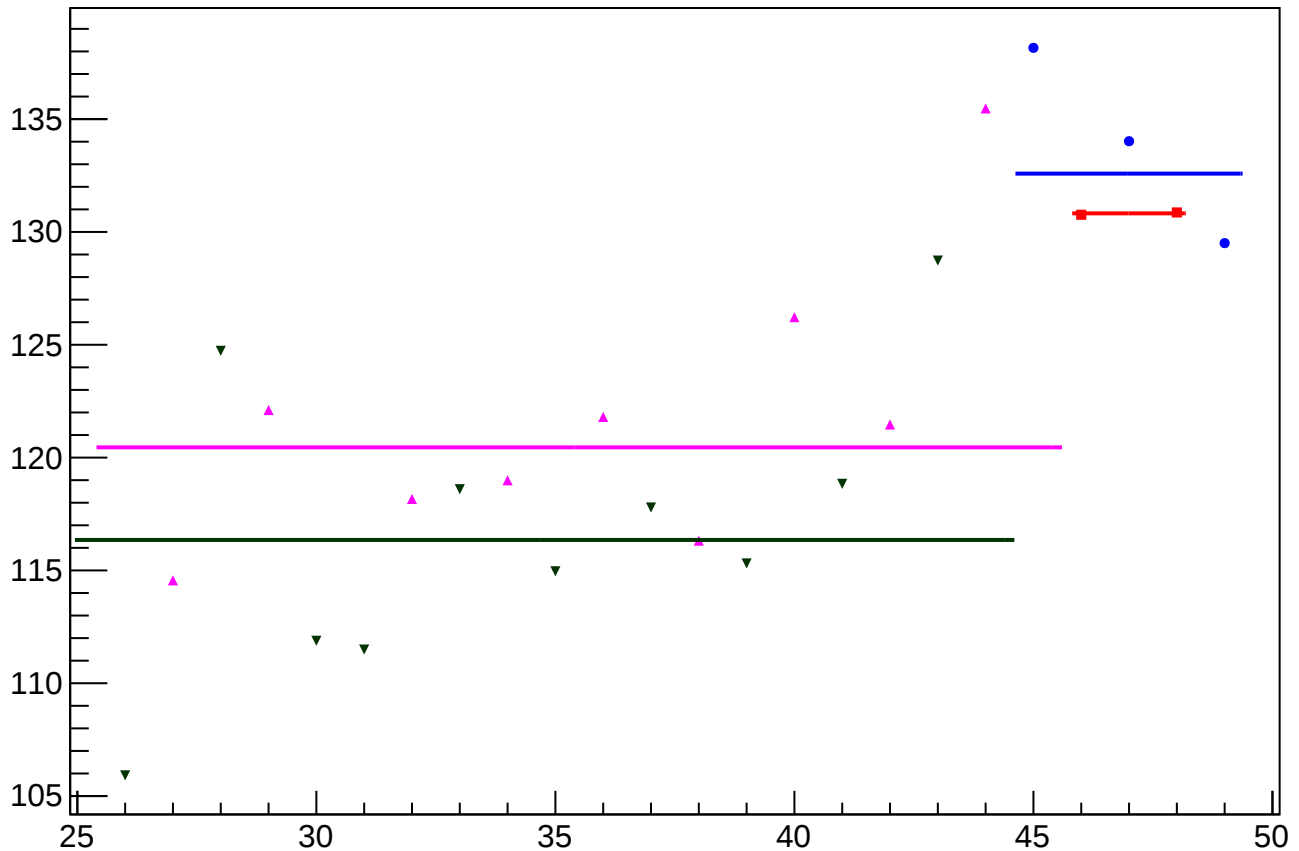
Right Out: 109784.952 $\pm$ 0.157 χ^2 /NDF: 13209222.3/1

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

109729.207 $\pm$ 0.047 χ^2 /NDF: 3201440313.3/12

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

yield_bpm2i01WS_rms vs slug



Right In: 132.586 $\pm$ 0.071 χ^2 /NDF: 2679.2/2

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

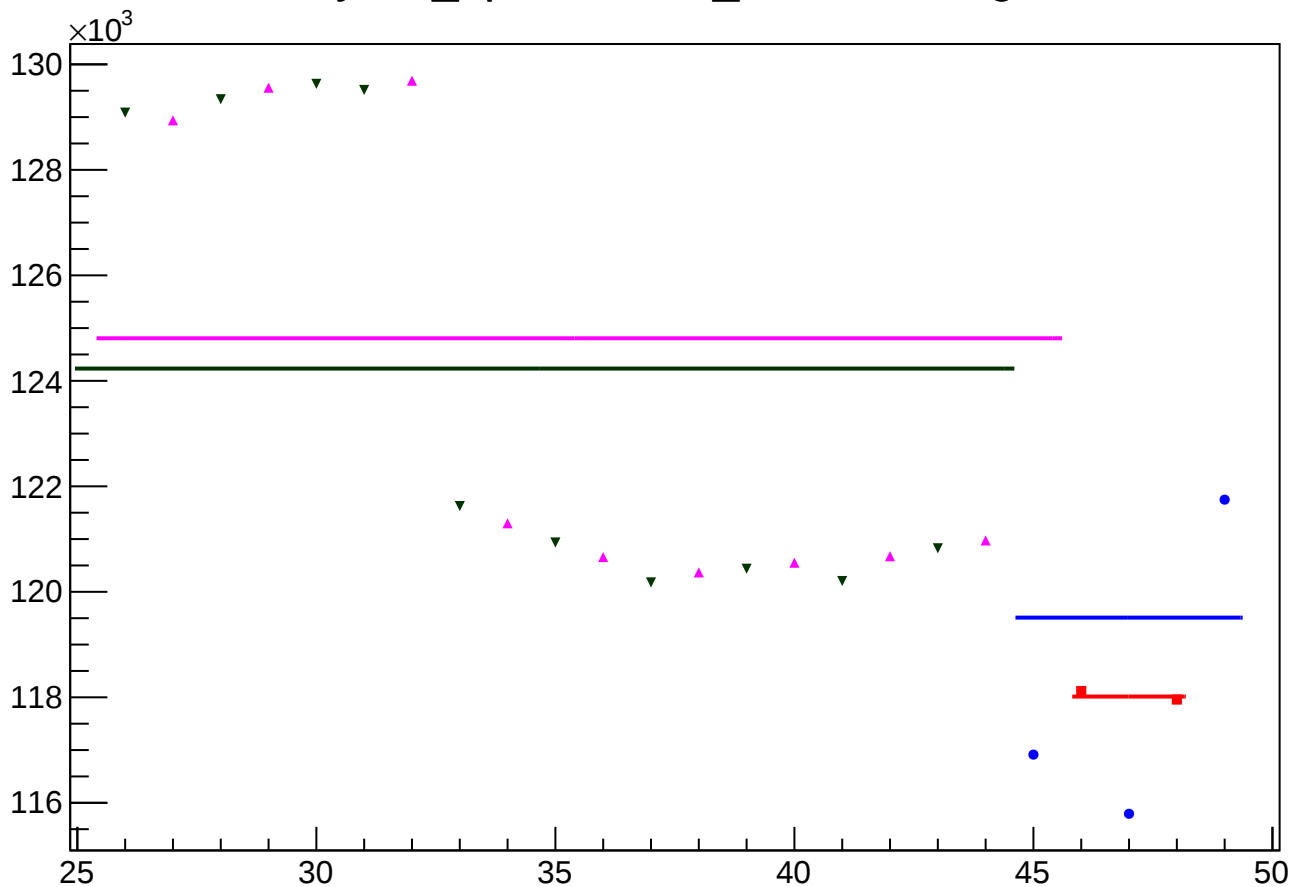
119.975 $\pm$ 0.034 χ^2 /NDF: 70167.7/12

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: 119511.025 $\pm$ 0.155 χ^2/NDF : 291016275.0/2

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

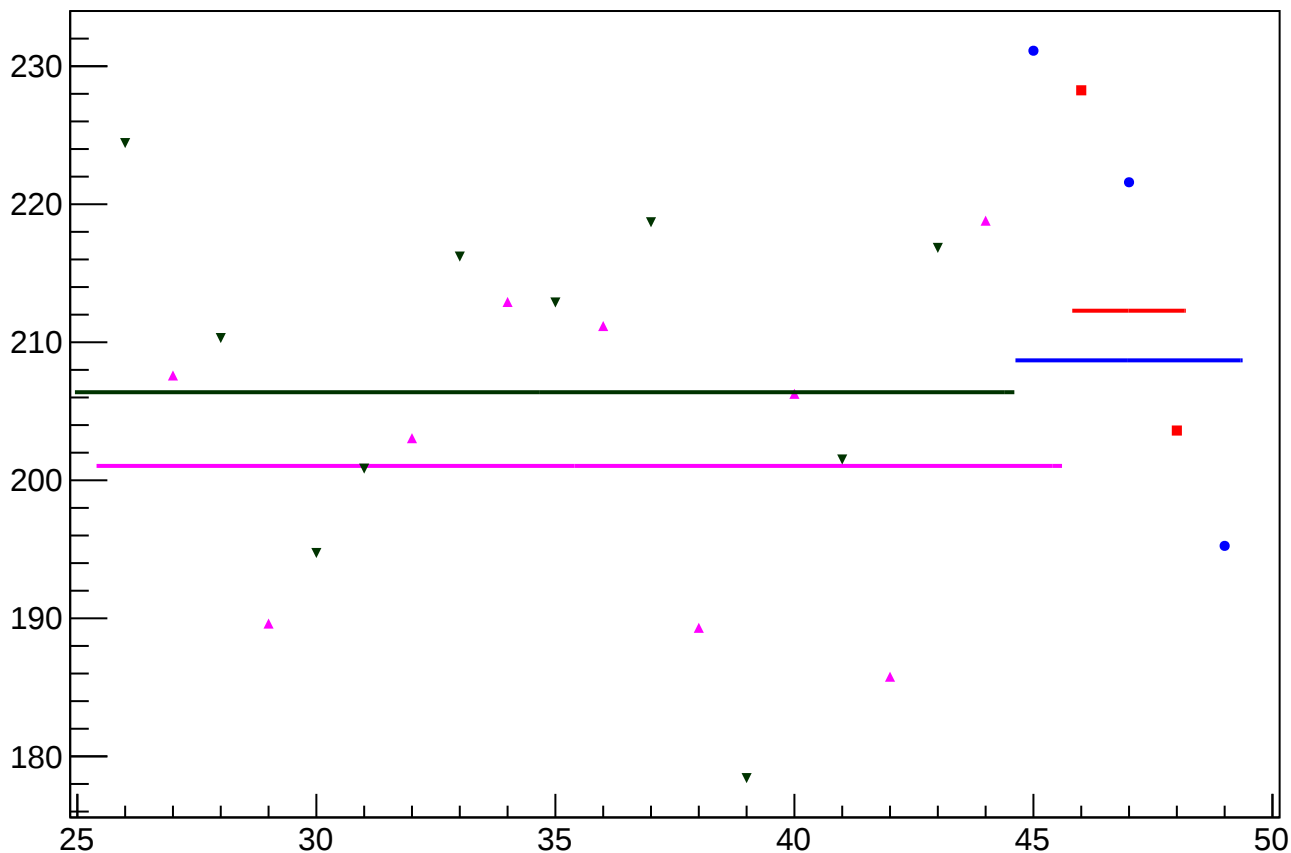
Right Out: 118014.599 $\pm$ 0.252 χ^2/NDF : 94189.5/1

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

123008.909 $\pm$ 0.079 χ^2/NDF : 3194877892.5/12

124110.519 $\pm$ 0.081 χ^2/NDF : 3264546477.1/10

yield_bpm0i07WS_rms vs slug



Right In: 208.689 ± 0.110 χ^2/NDF : 21408.5/2

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

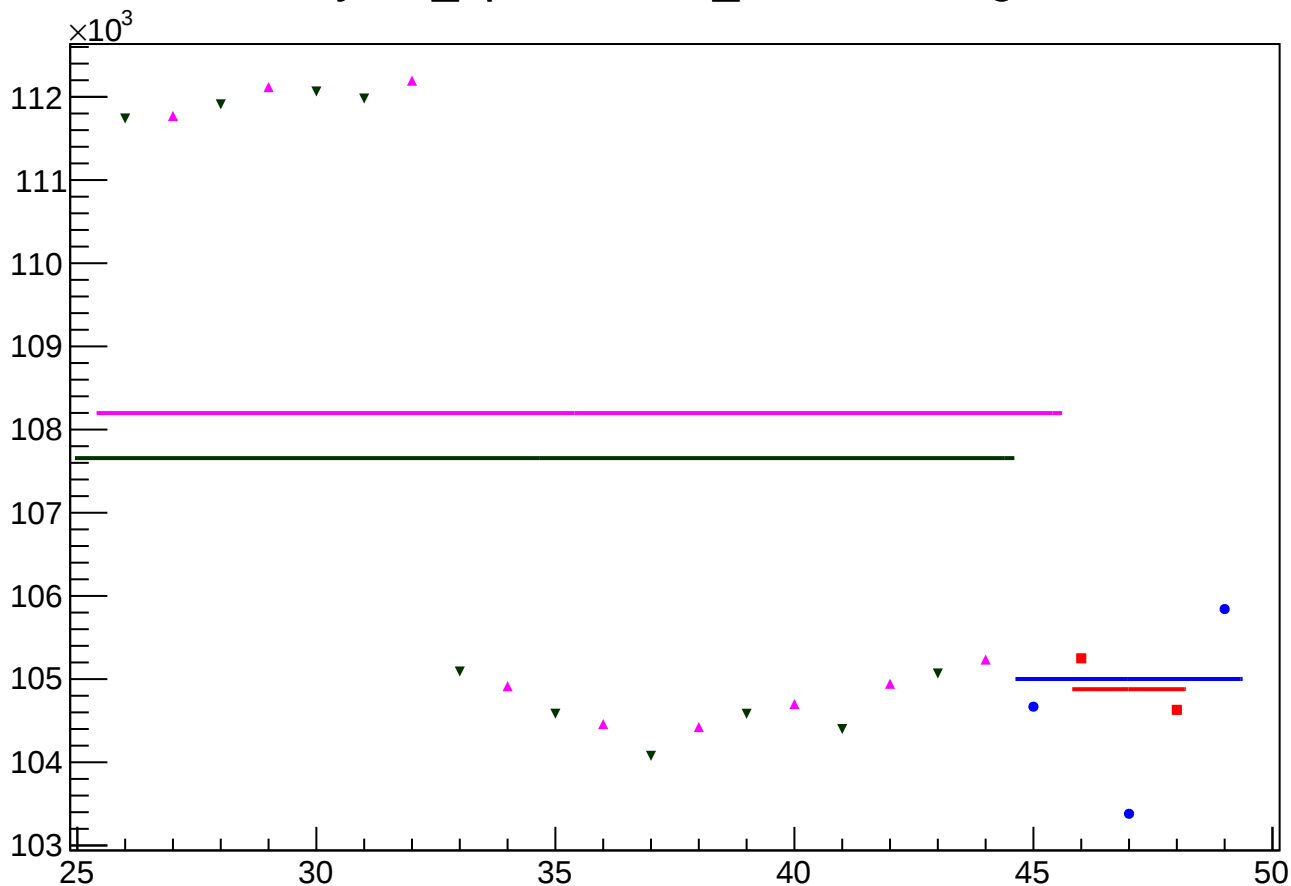
Right Out: 212.287 ± 0.178 χ^2/NDF : 4380.0/1

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

206.980 ± 0.056 χ^2/NDF : 62922.7/12

202.195 ± 0.057 χ^2/NDF : 39578.8/10

yield_bpm0l01WS_mean vs slug



Right In: 105001.404 $\pm$ 0.100 χ^2/NDF : 100158482.9/2

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

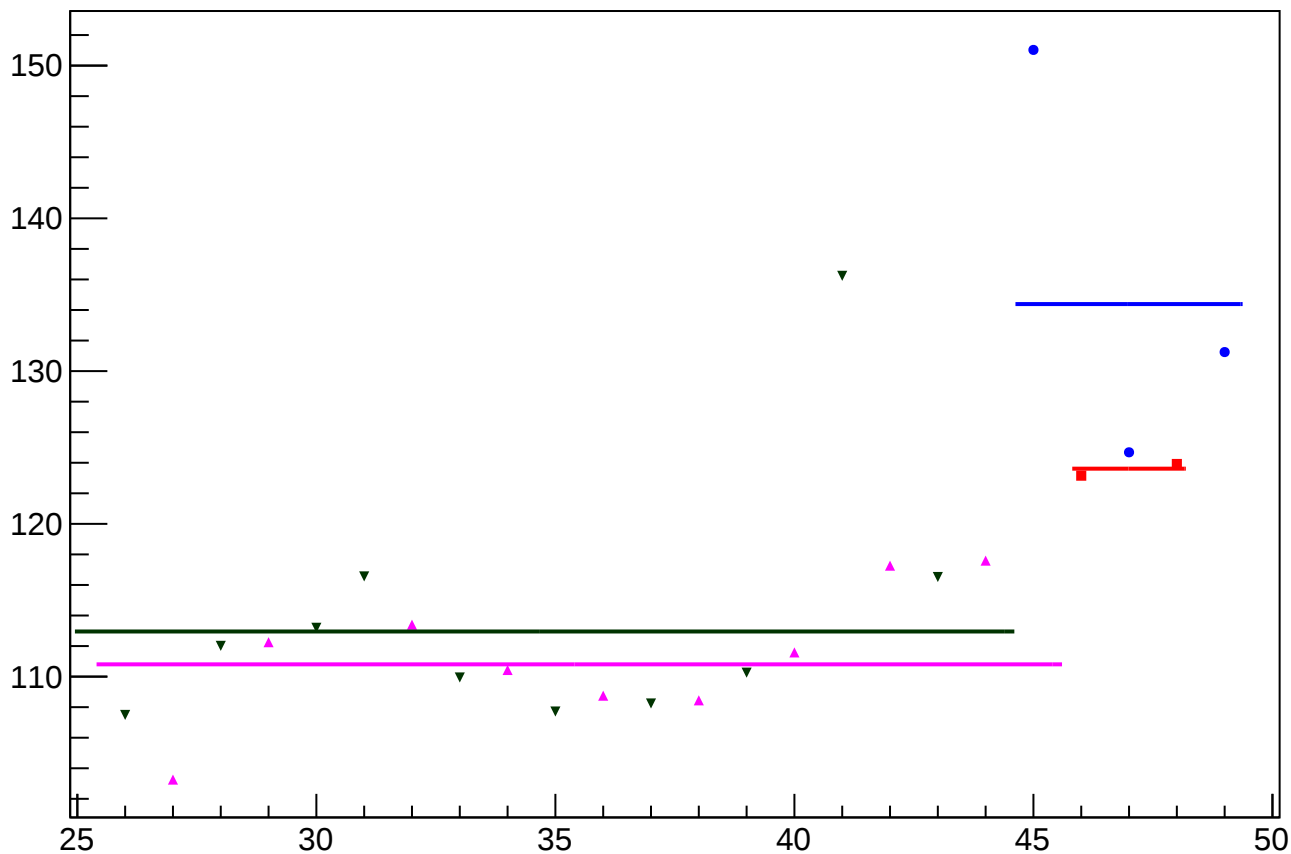
Right Out: 104878.852 $\pm$ 0.147 χ^2/NDF : 4269669.5/1

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

107122.138 $\pm$ 0.045 χ^2/NDF : 5795740062.3/12

107892.199 $\pm$ 0.045 χ^2/NDF : 6456772205.5/10

yield_bpm0l01WS_rms vs slug



Right In: 134.389+/-0.071 χ^2/NDF : 18287.2/2

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

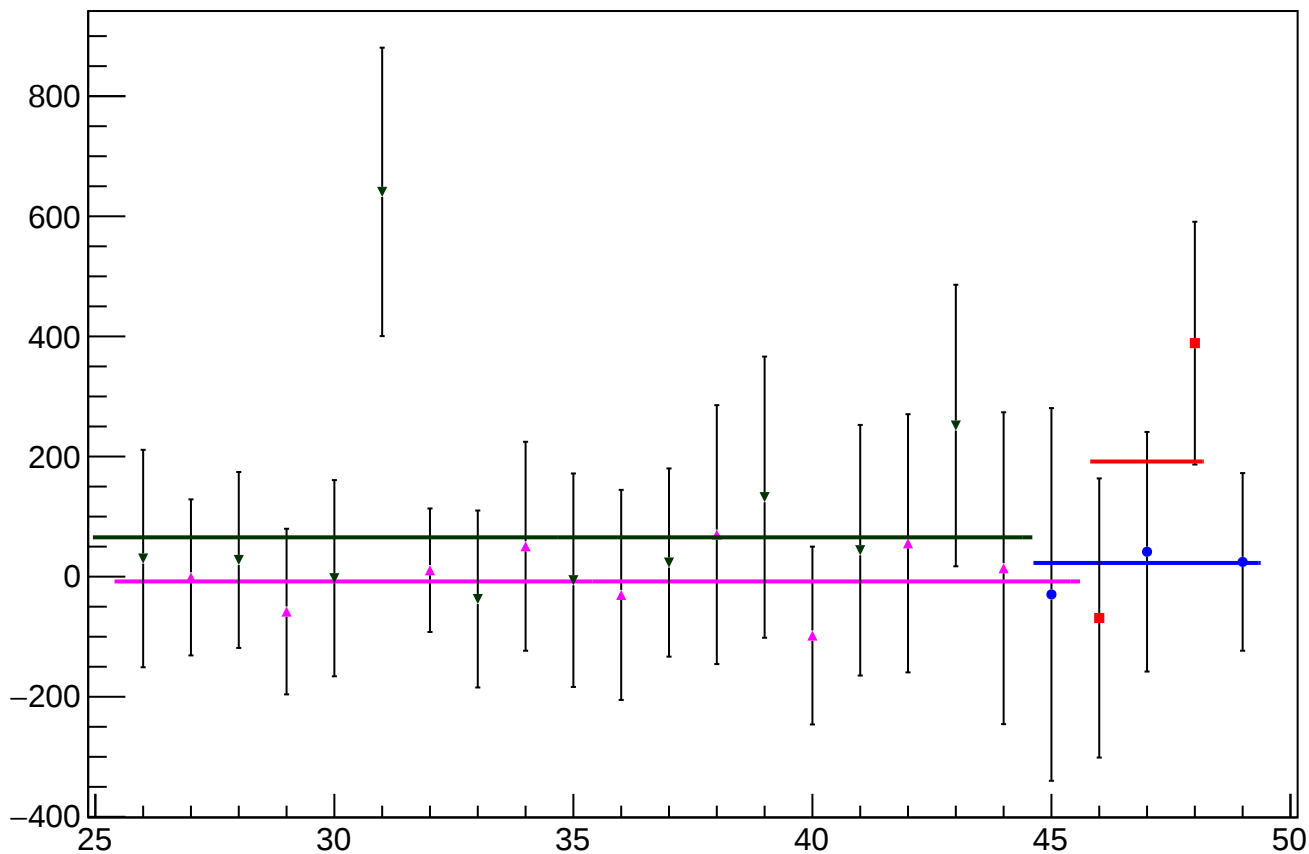
Right Out: 123.613+/-0.104 χ^2/NDF : 13.0/1

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

117.272+/-0.032 χ^2/NDF : 134311.4/12

111.986+/-0.032 χ^2/NDF : 31329.9/10

asym_bcm_an_ds_mean vs slug



Right In: 22.846+/-110.941 χ^2/NDF : 0.0/2

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

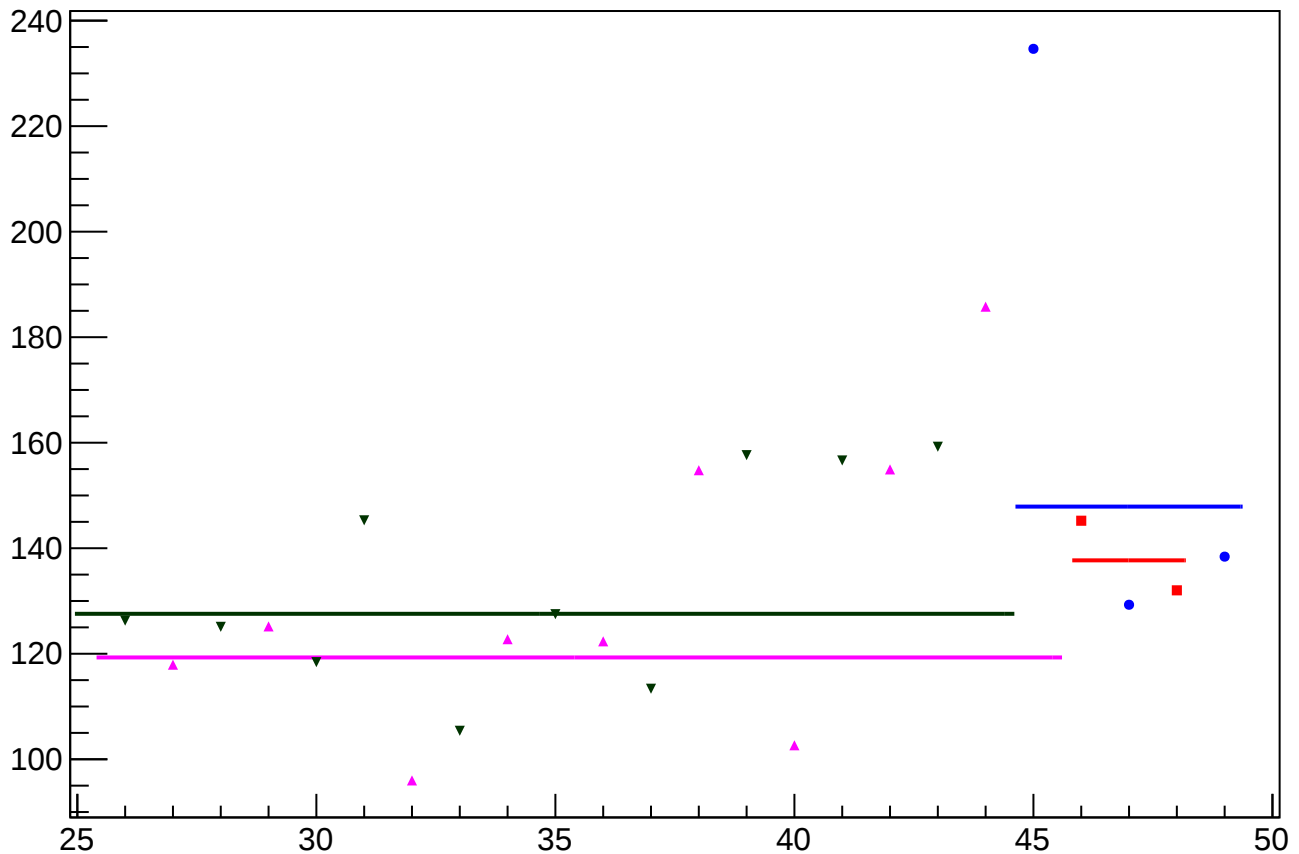
Right Out: 191.716+/-152.498 χ^2/NDF : 2.2/1

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

56.626+/-50.566 χ^2/NDF : 7.6/12

12.536+/-48.864 χ^2/NDF : 4.6/10

asym_bcm_an_ds_rms vs slug



Right In: 147.891+/-0.078 χ^2/NDF : 182014.4/2

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

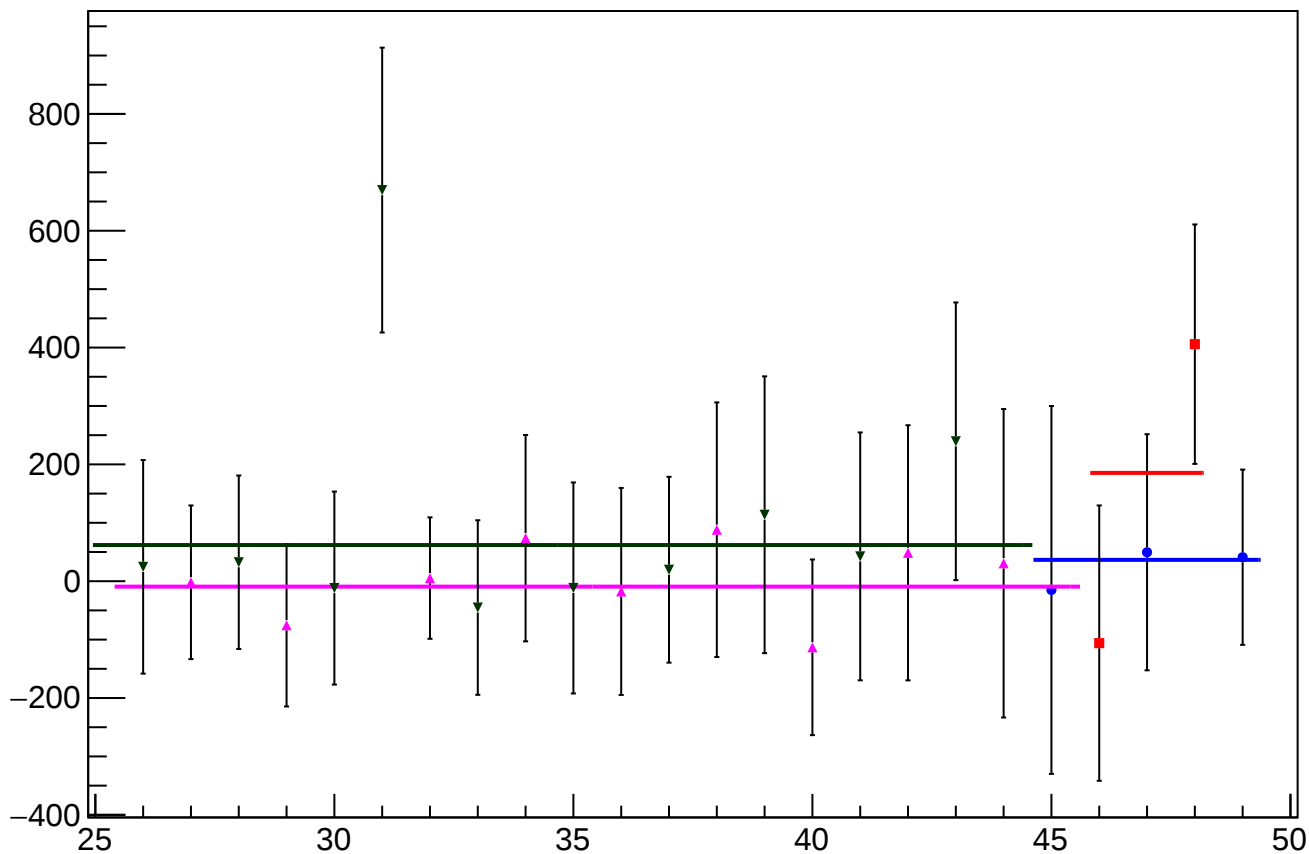
Right Out: 137.702+/-0.108 χ^2/NDF : 3670.6/1

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

131.792+/-0.036 χ^2/NDF : 423073.5/12

121.188+/-0.035 χ^2/NDF : 403518.9/10

asym_bcm_an_ds3_mean vs slug



Right In: 36.545+/-112.524 χ^2/NDF : 0.0/2

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

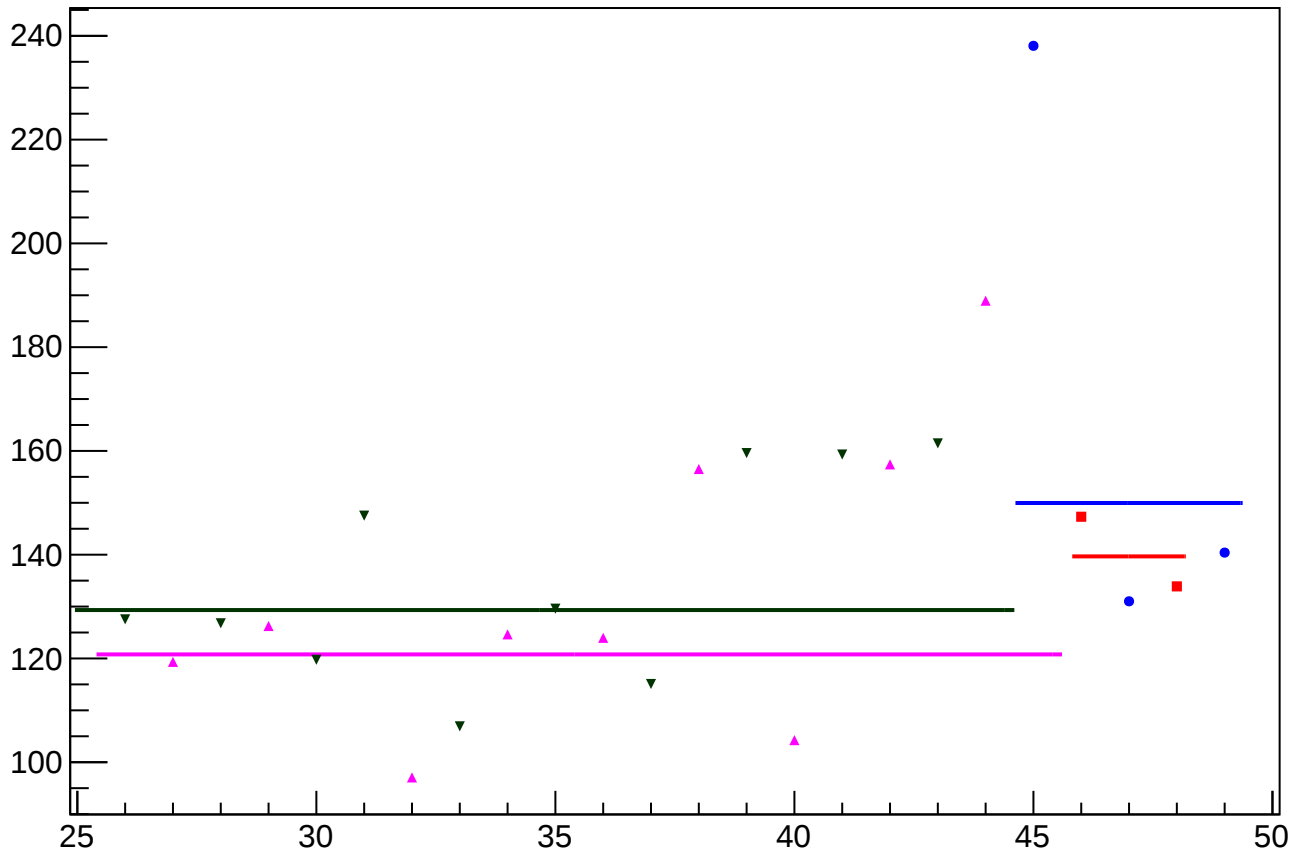
Right Out: 185.431+/-154.677 χ^2/NDF : 2.7/1

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

56.626+/-51.273 χ^2/NDF : 7.9/12

10.670+/-49.494 χ^2/NDF : 5.3/10

asym_bcm_an_ds3_rms vs slug



Right In: 149.964 ± 0.080 χ^2/NDF : 182280.0/2

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

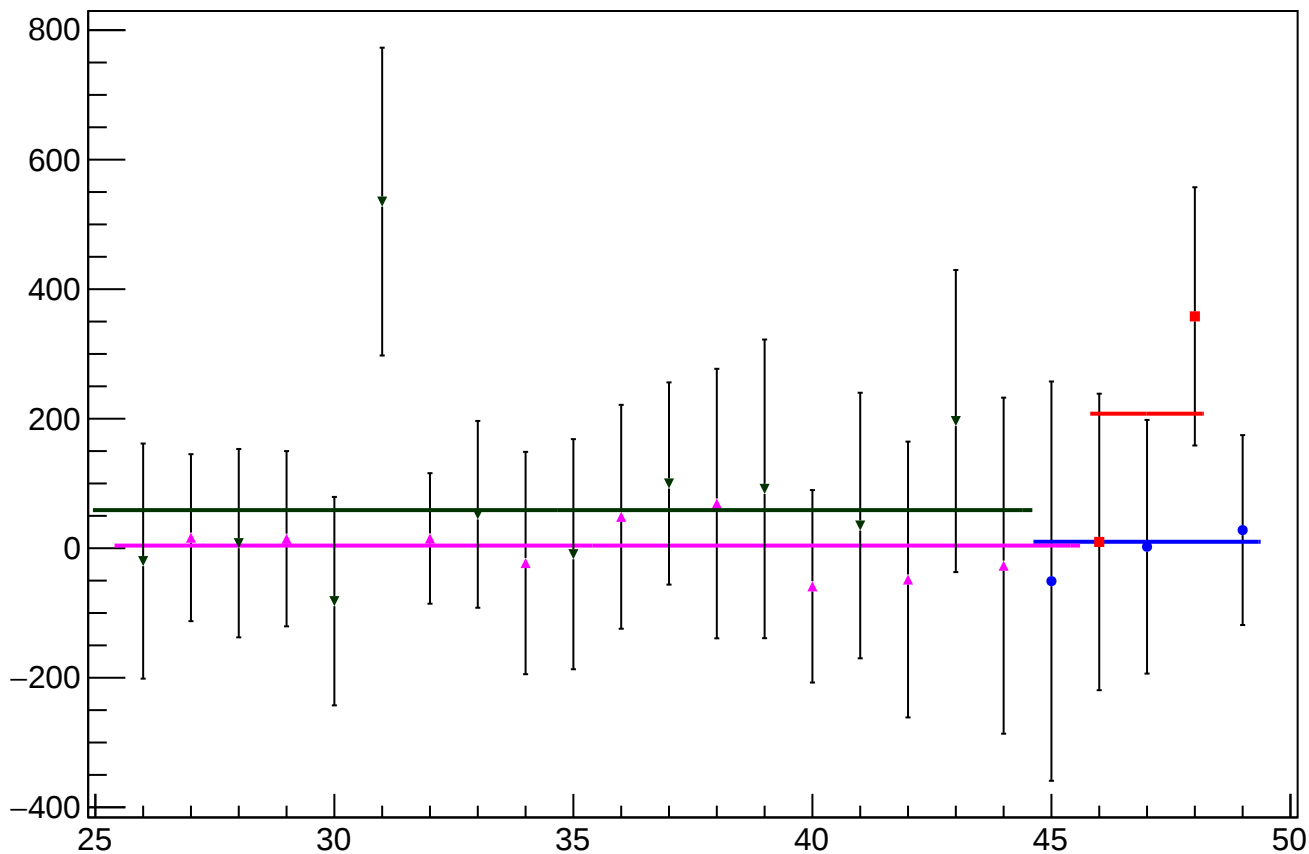
Right Out: 139.672 ± 0.109 χ^2/NDF : 3692.1/1

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

133.614 ± 0.036 χ^2/NDF : 424328.5/12

122.715 ± 0.035 χ^2/NDF : 406895.4/10

asym_bcm_an_us_mean vs slug



Right In: 9.975+/-109.693 χ^2/NDF : 0.1/2

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

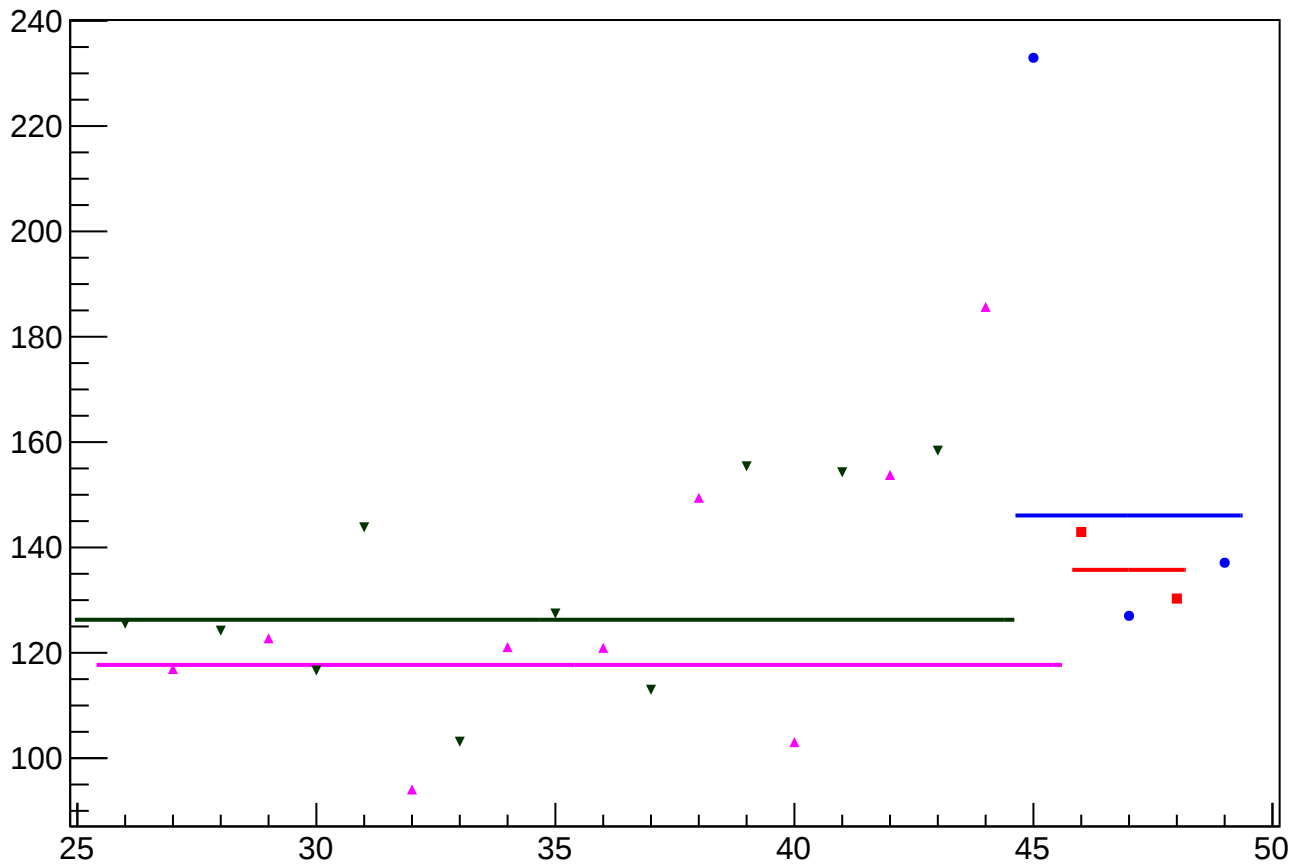
Right Out: 207.760+/-150.350 χ^2/NDF : 1.3/1

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

48.665+/-50.075 χ^2/NDF : 5.9/12

25.041+/-48.214 χ^2/NDF : 3.4/10

asym_bcm_an_us_rms vs slug



Right In: 146.073+/-0.078 χ^2/NDF : 185238.5/2

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

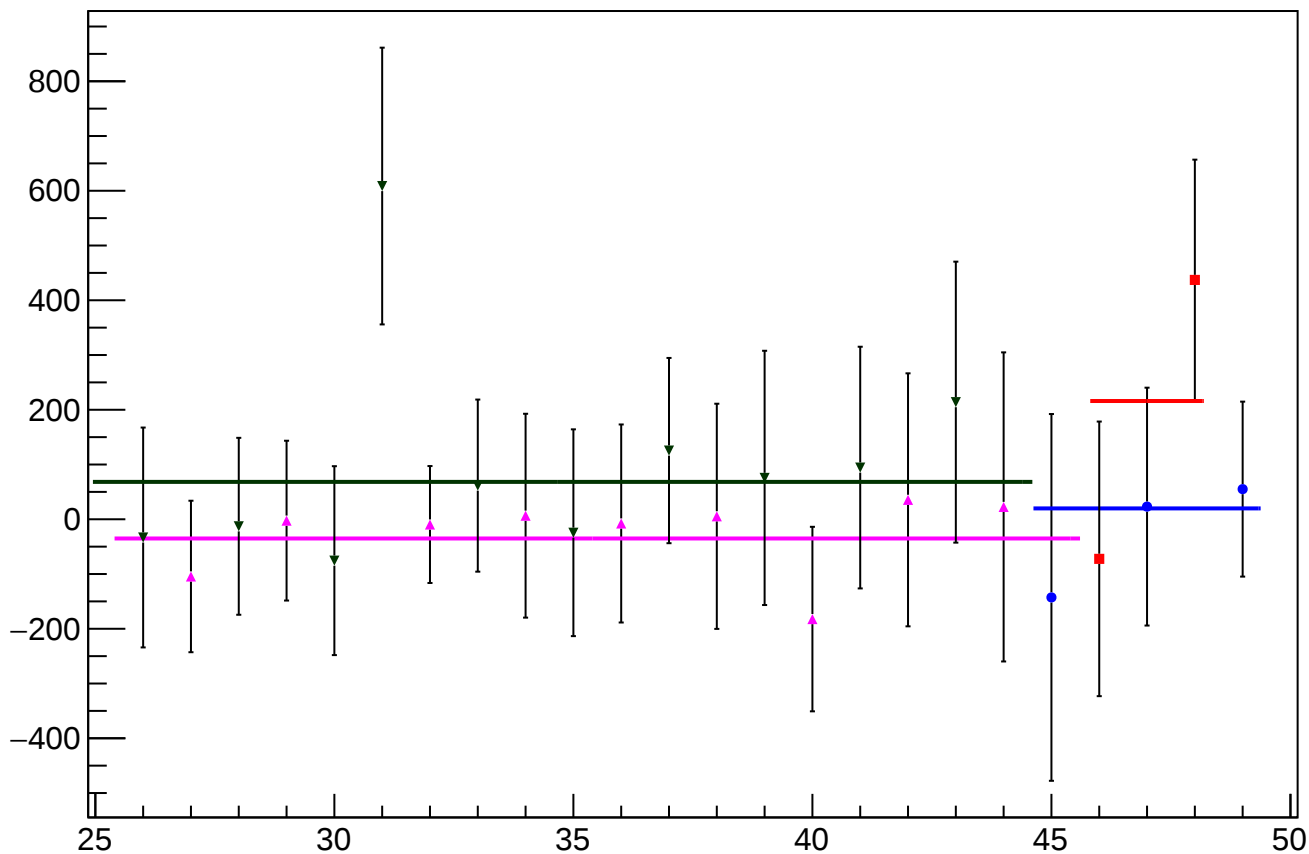
Right Out: 135.750+/-0.106 χ^2/NDF : 3464.9/1

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

130.402+/-0.035 χ^2/NDF : 428472.7/12

119.561+/-0.034 χ^2/NDF : 404190.0/10

asym_bcm_dg_us_mean vs slug



Right In: 19.835+/-120.150 χ^2/NDF : 0.3/2

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

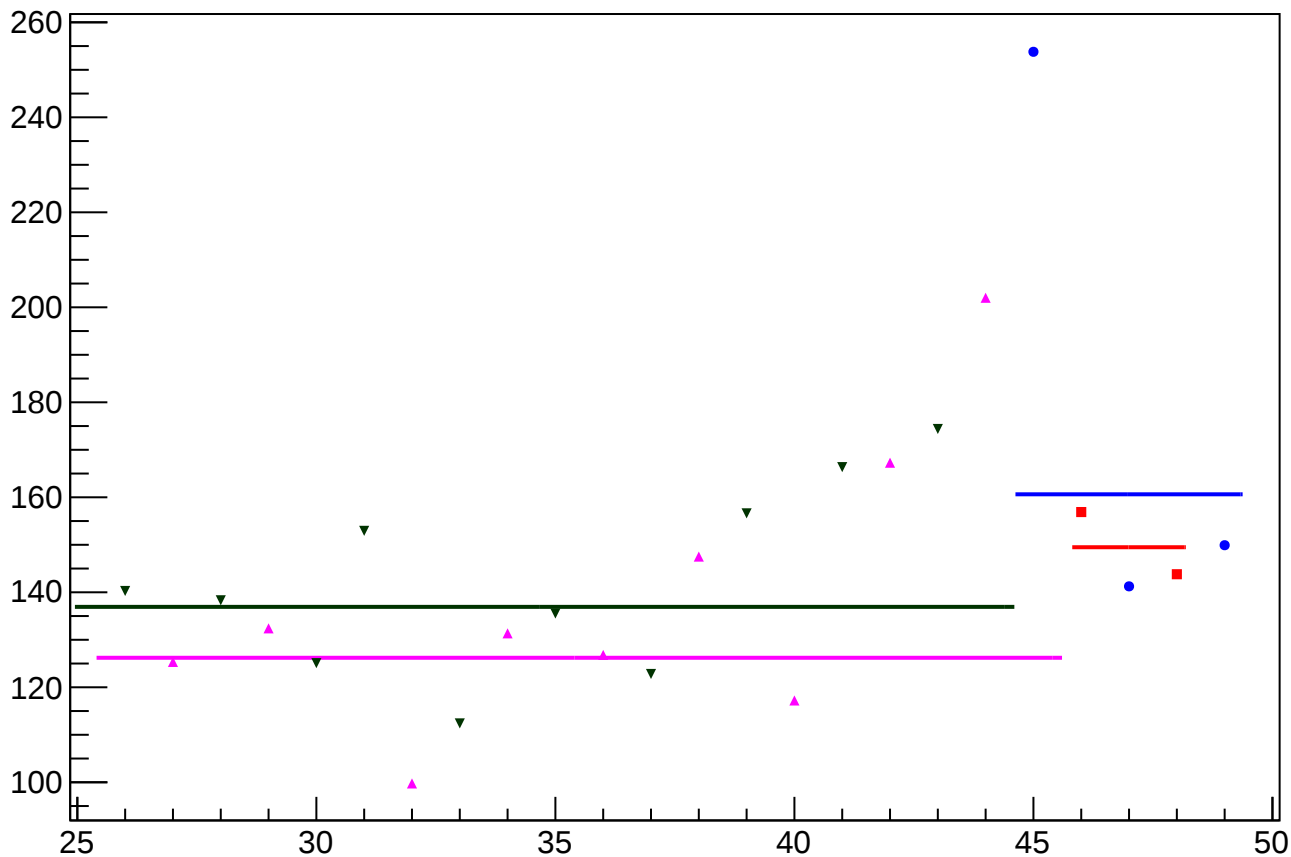
Right Out: 215.992+/-165.235 χ^2/NDF : 2.3/1

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

58.392+/-54.284 χ^2/NDF : 6.9/12

-10.447+/-51.772 χ^2/NDF : 5.8/10

asym_bcm_dg_us_rms vs slug



Right In: 160.630+/-0.085 χ^2/NDF : 179647.8/2

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

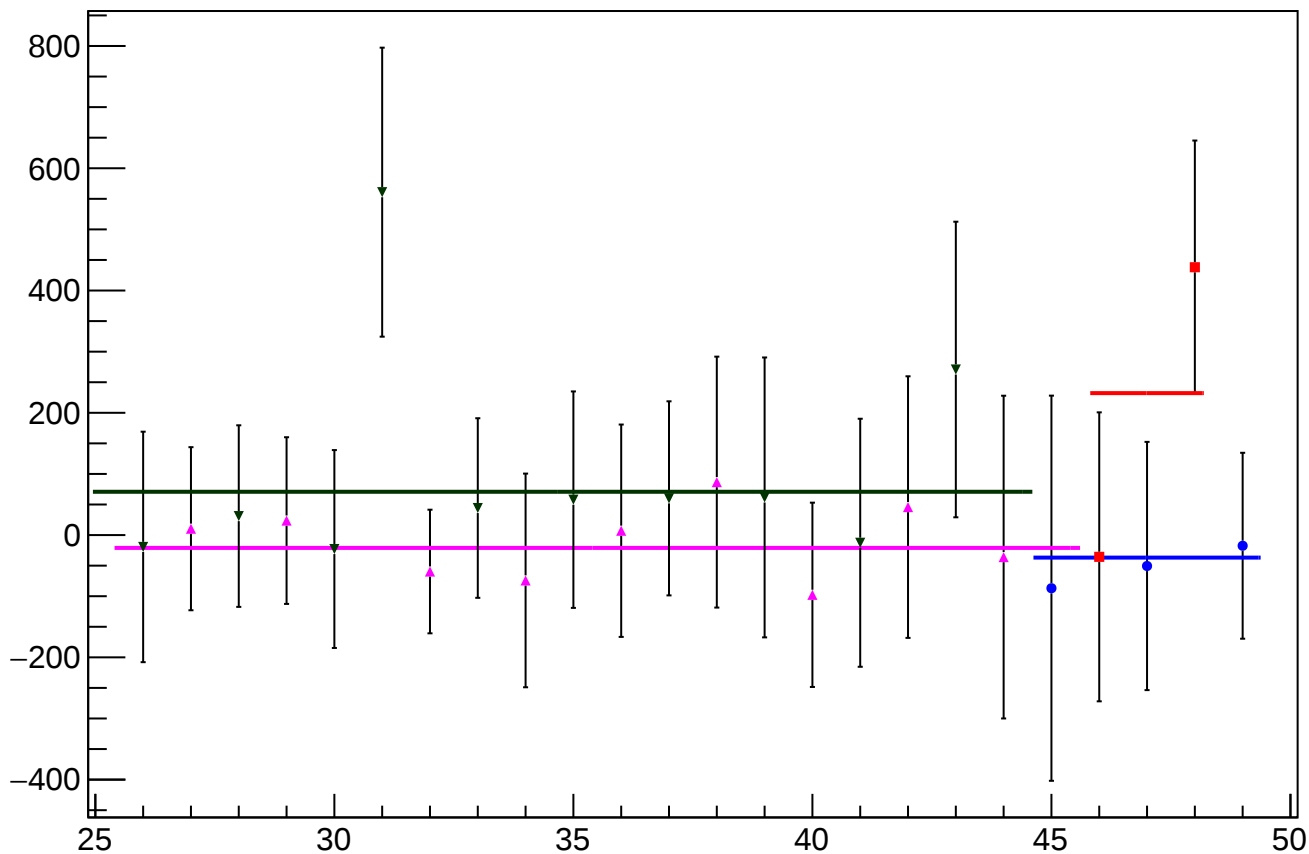
Right Out: 149.485+/-0.117 χ^2/NDF : 3083.8/1

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

141.769+/-0.038 χ^2/NDF : 415045.0/12

128.497+/-0.037 χ^2/NDF : 401412.9/10

asym_bcm_dg_ds_mean vs slug



Right In: -36.849 ± 113.530 $\chi^2/\text{NDF}: 0.0/2$

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

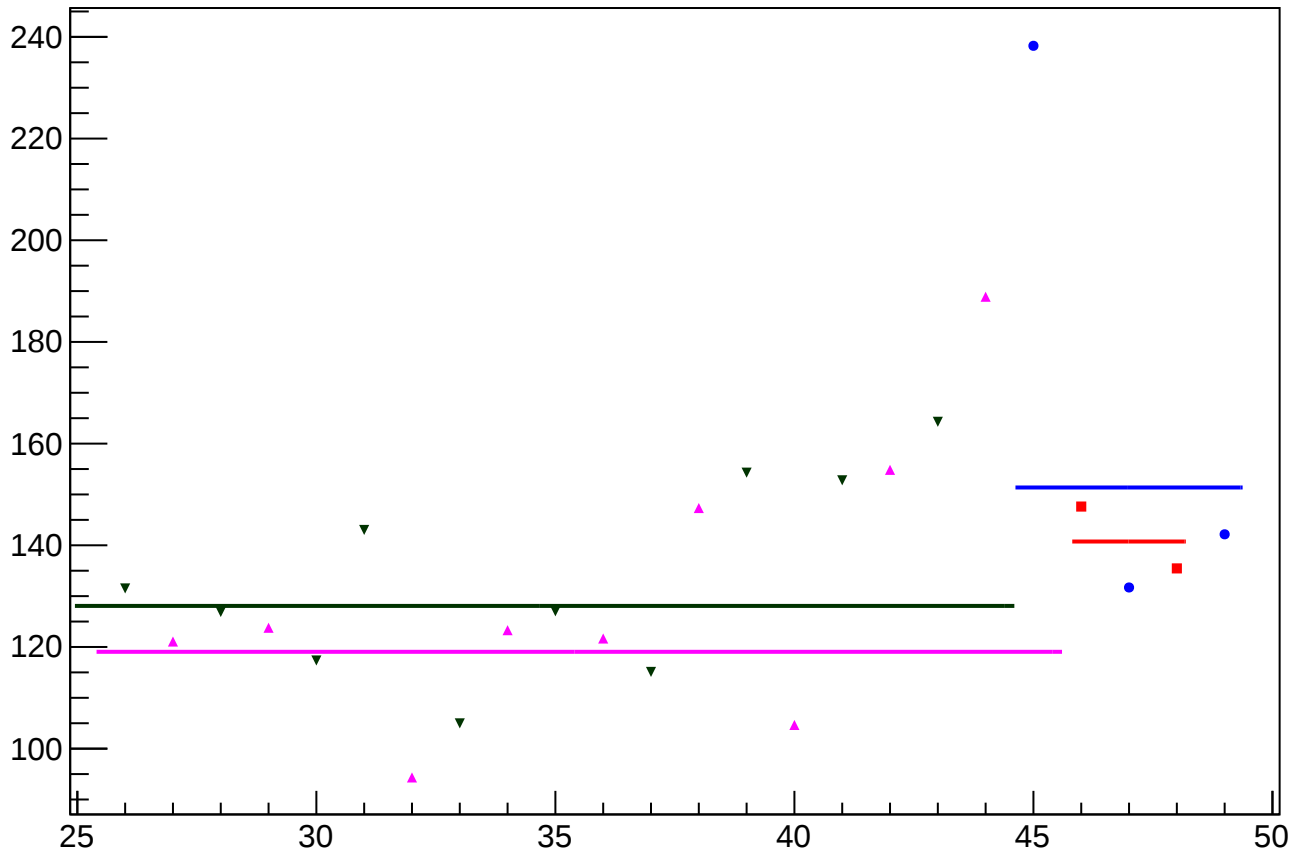
Right Out: 232.193 ± 155.817 $\chi^2/\text{NDF}: 2.3/1$

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

49.164 ± 50.926 $\chi^2/\text{NDF}: 6.6/12$

3.915 ± 48.861 $\chi^2/\text{NDF}: 5.7/10$

asym_bcm_dg_ds_rms vs slug



Right In: 151.371+/-0.080 χ^2/NDF : 178225.3/2

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

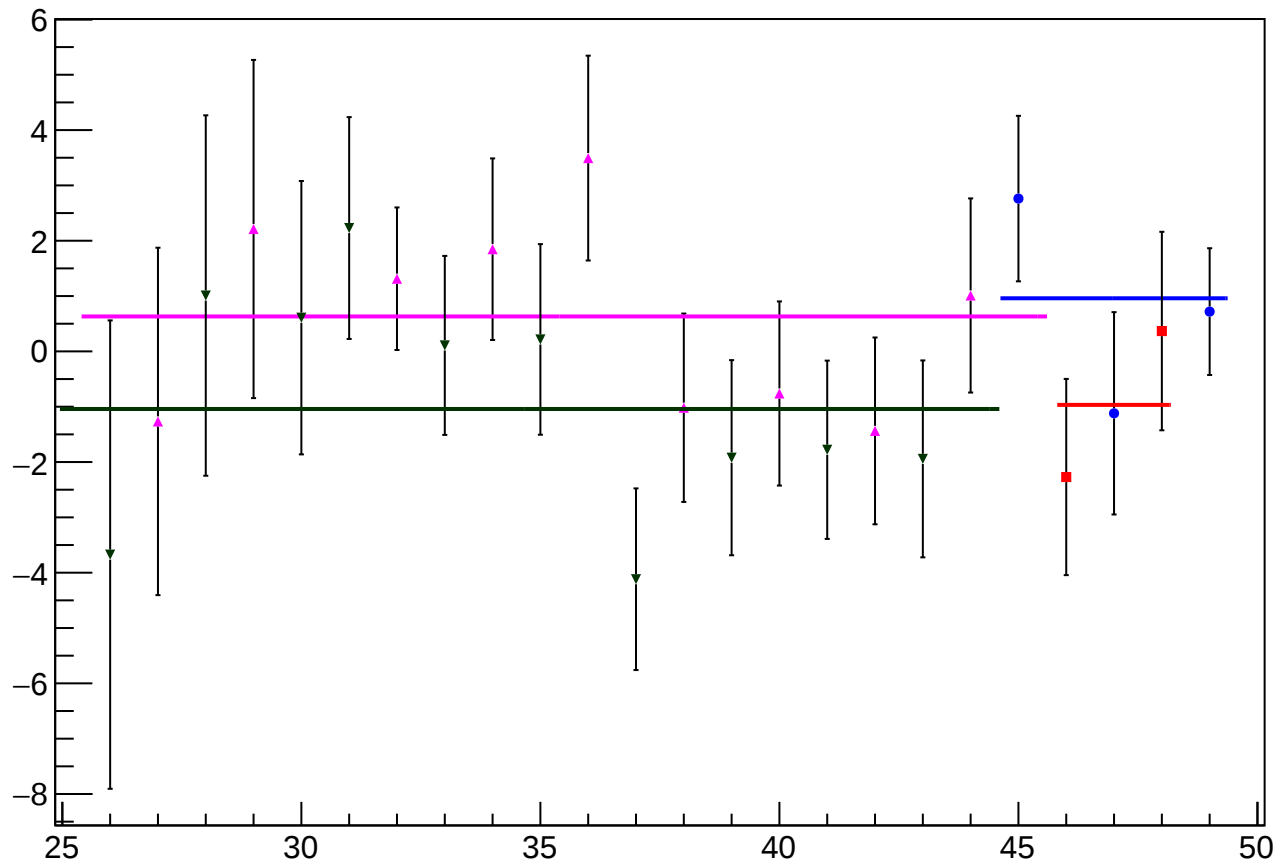
Right Out: 140.743+/-0.110 χ^2/NDF : 2995.5/1

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

132.764+/-0.036 χ^2/NDF : 426750.6/12

121.182+/-0.035 χ^2/NDF : 414119.2/10

asym_cav4bQ_mean vs slug



Right In: 0.960 ± 0.814 $\chi^2/\text{NDF}: 2.8/2$

Left Out: -1.041 ± 0.611 $\chi^2/\text{NDF}: 9.2/9$

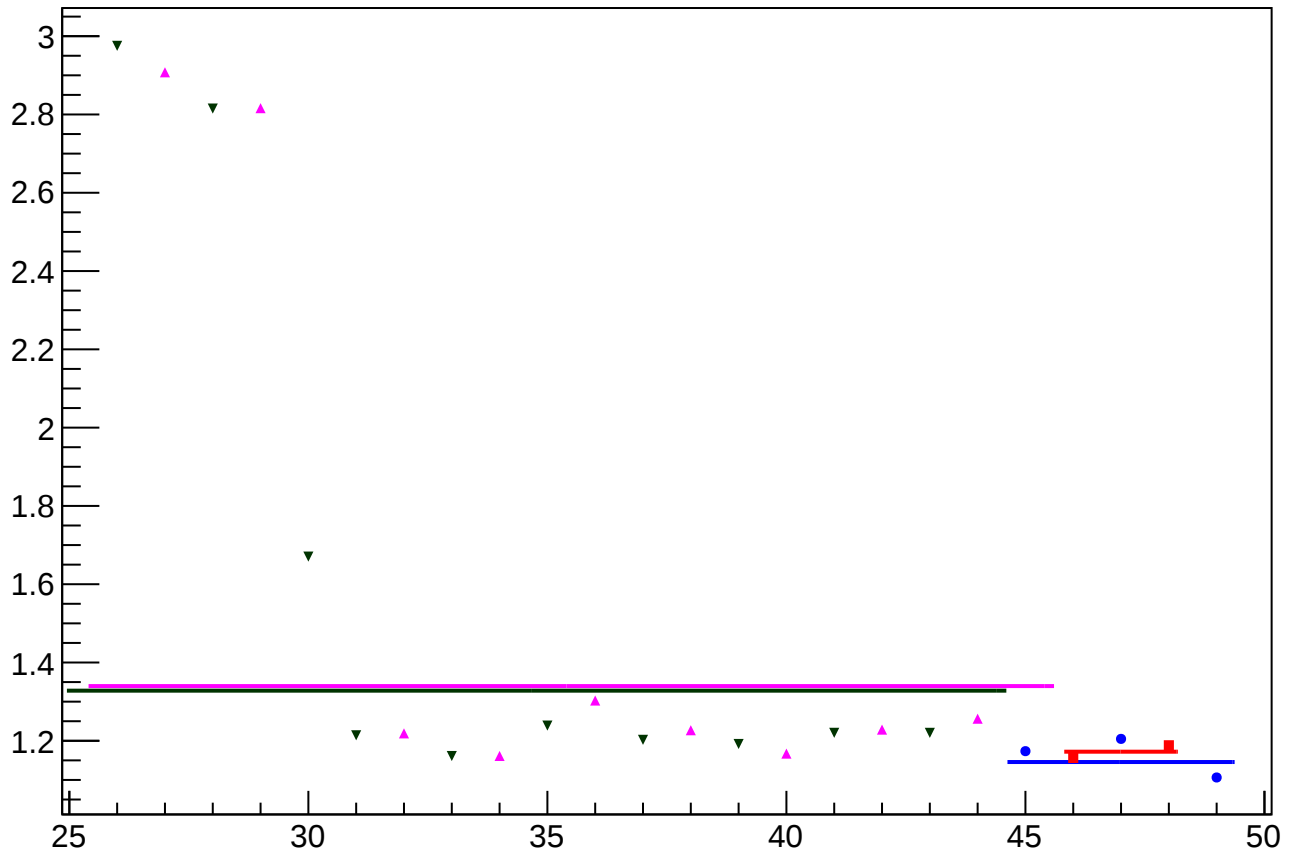
Right Out: -0.967 ± 1.261 $\chi^2/\text{NDF}: 1.1/1$

Left In: 0.631 ± 0.592 $\chi^2/\text{NDF}: 7.0/8$

-0.320 ± 0.489 $\chi^2/\text{NDF}: 15.8/12$

0.343 ± 0.536 $\chi^2/\text{NDF}: 9.5/10$

asym_cav4bQ_rms vs slug



Right In: 1.146+/-0.001 χ^2/NDF : 5155.8/2

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

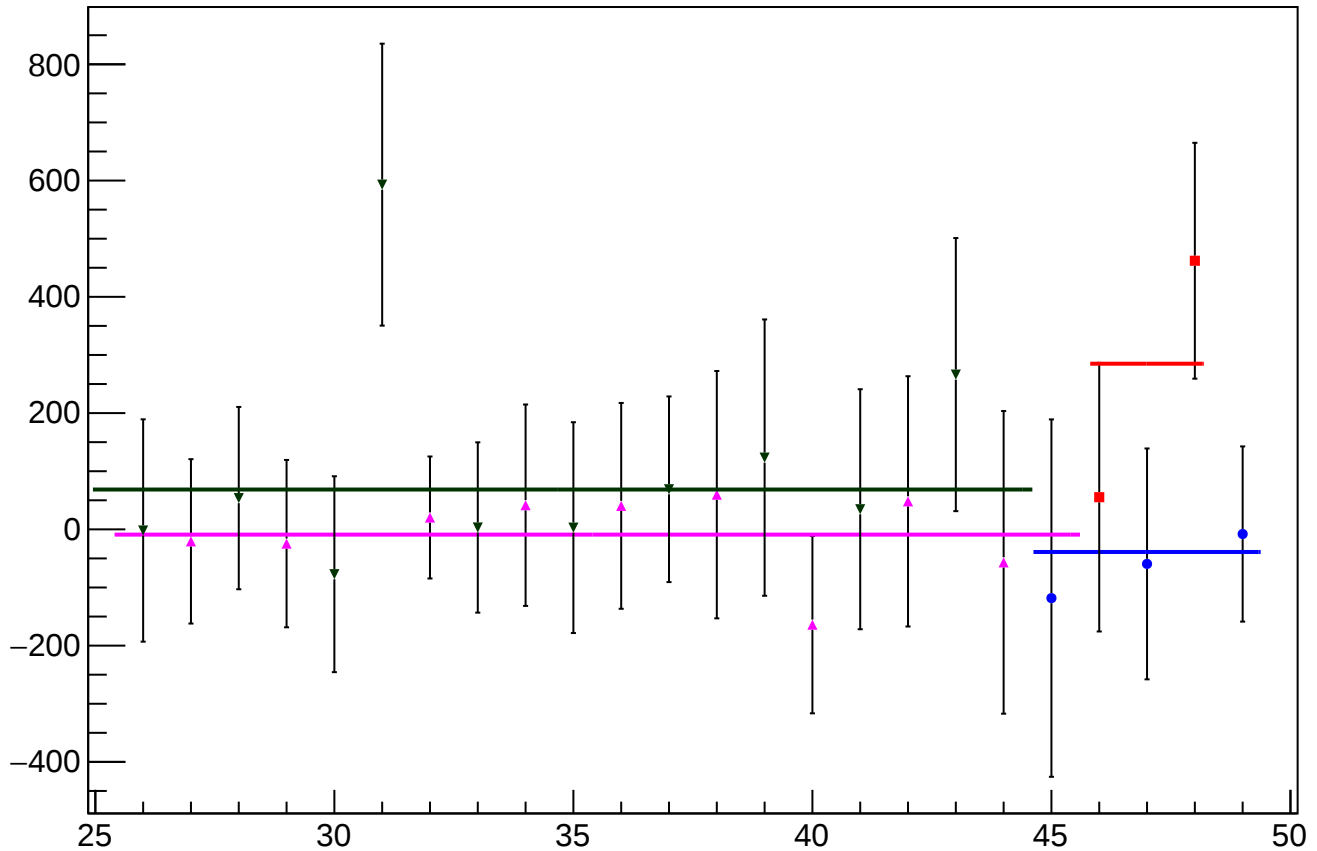
1.262+/-0.000 χ^2/NDF : 900454.2/12

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

1.310+/-0.000 χ^2/NDF : 1080217.0/10

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

asym_cav4cQ_mean vs slug



Right In: -38.901 ± 111.818 χ^2/NDF : 0.1/2

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

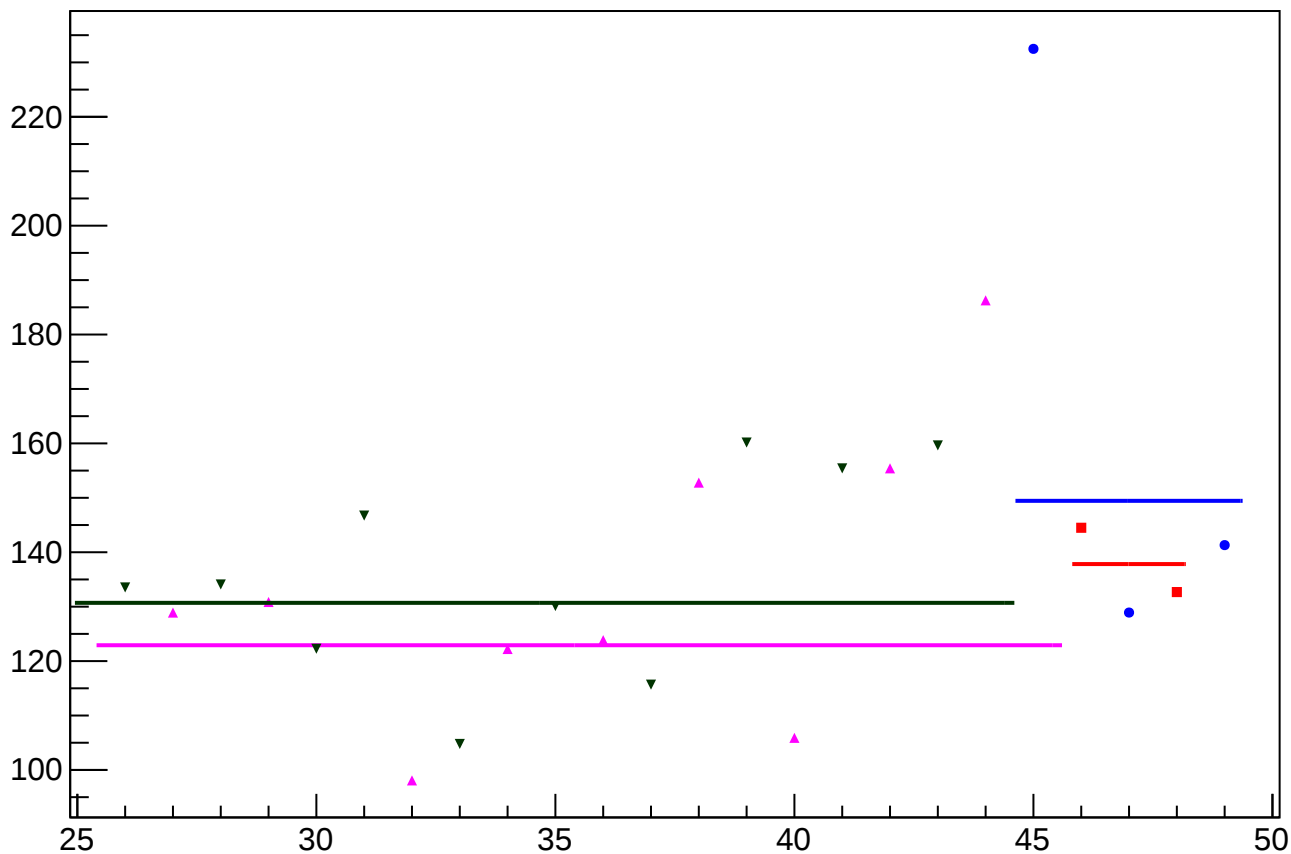
Right Out: 284.961 ± 152.434 χ^2/NDF : 1.8/1

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

45.658 ± 51.588 χ^2/NDF : 7.5/12

22.682 ± 50.075 χ^2/NDF : 6.6/10

asym_cav4cQ_rms vs slug



Right In: 149.445 ± 0.079 χ^2/NDF : 173166.5/2

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

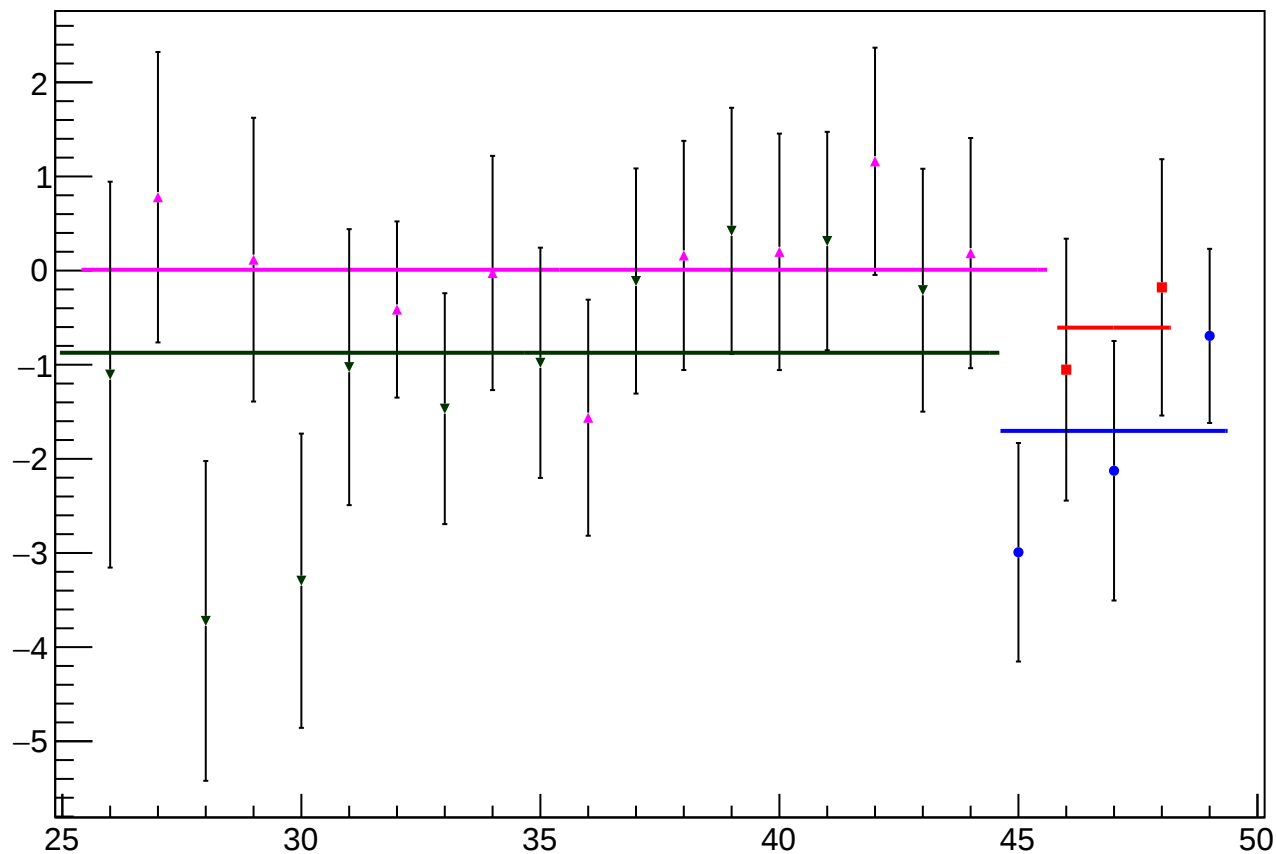
Right Out: 137.827 ± 0.108 χ^2/NDF : 2953.3/1

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

134.693 ± 0.036 χ^2/NDF : 402591.3/12

124.523 ± 0.035 χ^2/NDF : 370311.5/10

asym_cav4dQ_mean vs slug



Right In: -1.703 ± 0.641 $\chi^2/\text{NDF}: 2.5/2$

Left Out: -0.873 ± 0.429 $\chi^2/\text{NDF}: 8.2/9$

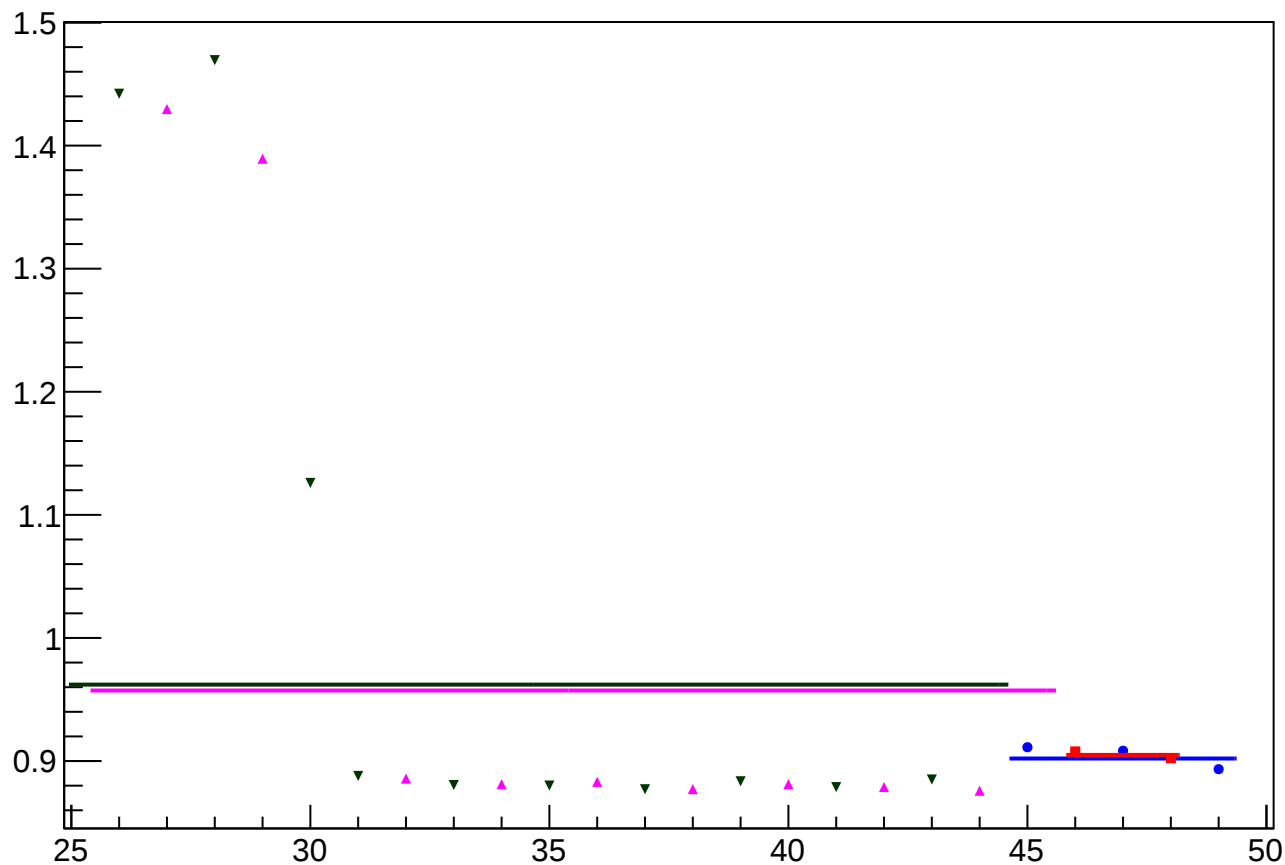
Right Out: -0.606 ± 0.973 $\chi^2/\text{NDF}: 0.2/1$

Left In: 0.009 ± 0.410 $\chi^2/\text{NDF}: 3.0/8$

-1.130 ± 0.357 $\chi^2/\text{NDF}: 11.9/12$

-0.084 ± 0.378 $\chi^2/\text{NDF}: 3.5/10$

asym_cav4dQ_rms vs slug



Right In: 0.902 $\pm$ 0.000 χ^2 /NDF: 342.6/2

Left Out: 0.962 $\pm$ 0.000 χ^2 /NDF:367875.5/9

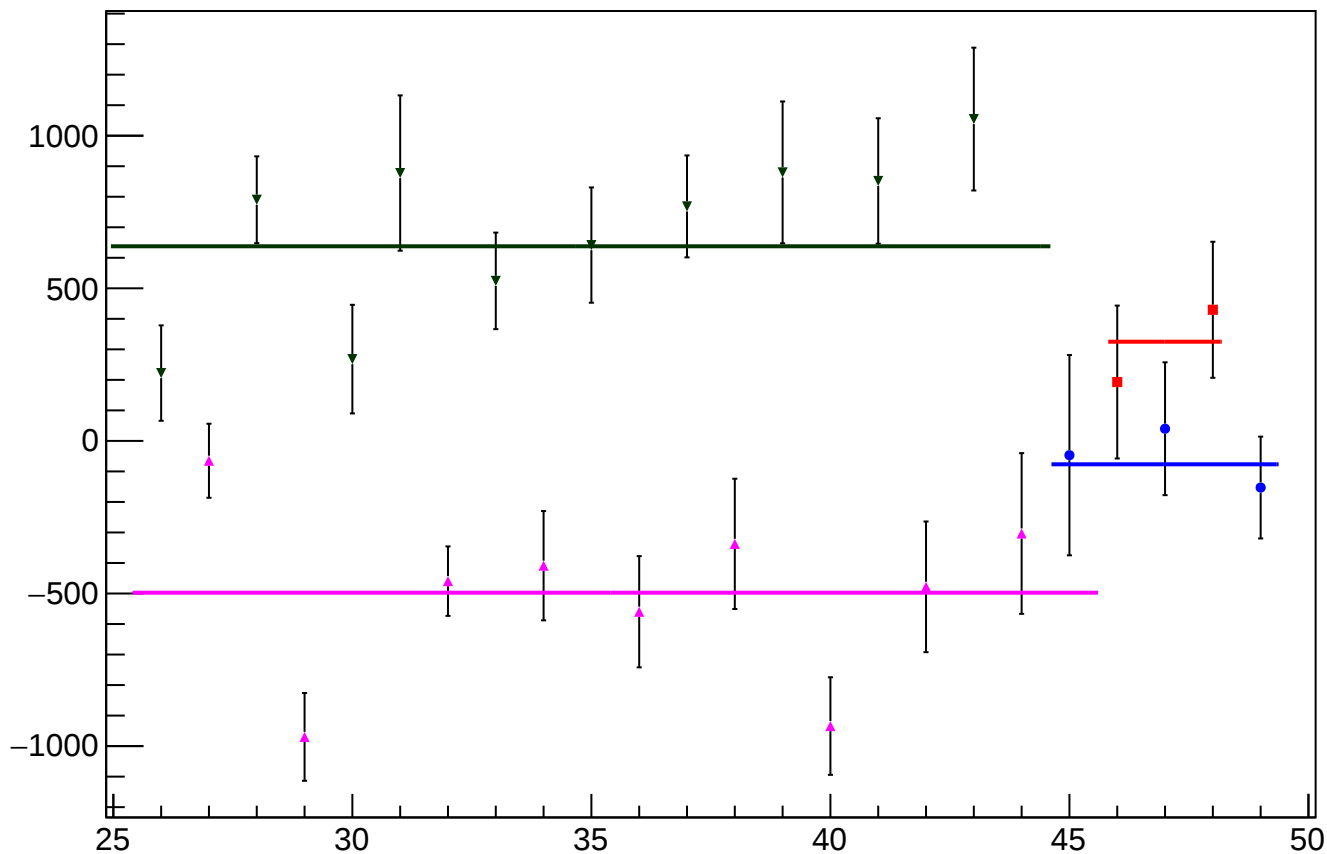
Right Out: 0.905 $\pm$ 0.001 χ^2 /NDF: 15.8/1

Left In: 0.957 $\pm$ 0.000 χ^2 /NDF:411279.5/8

0.943 $\pm$ 0.000 χ^2 /NDF: 380341.4/12

0.949 $\pm$ 0.000 χ^2 /NDF: 416205.6/10

asym_bcm0l02_mean vs slug



Right In: -76.645 ± 122.765 χ^2/NDF : 0.5/2

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

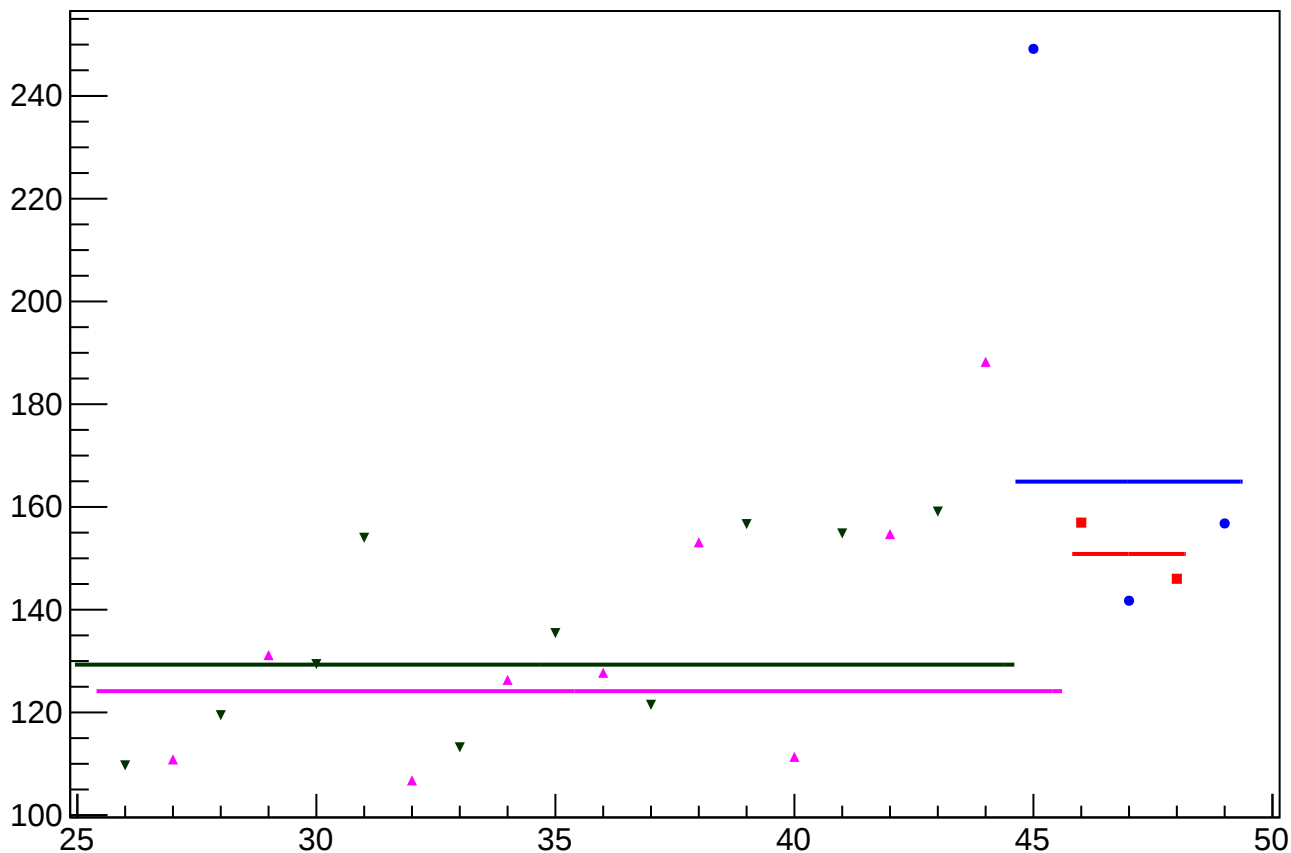
Right Out: 325.034 ± 166.497 χ^2/NDF : 0.5/1

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

508.925 ± 52.124 χ^2/NDF : 48.1/12

-420.961 ± 50.751 χ^2/NDF : 55.2/10

asym_bcm0l02_rms vs slug



Right In: 164.934+/-0.087 χ^2/NDF : 159297.2/2

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

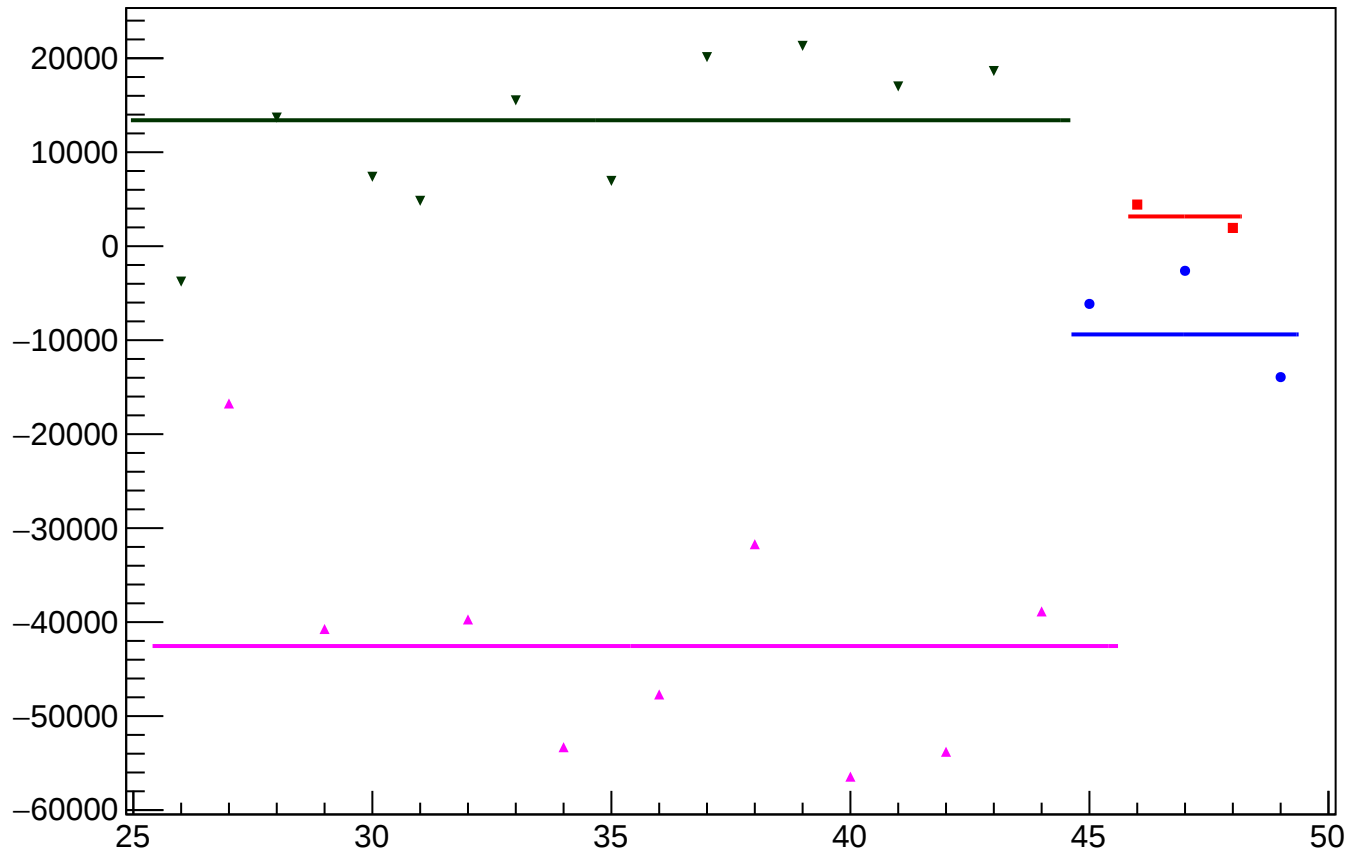
Right Out: 150.850+/-0.118 χ^2/NDF : 2125.3/1

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

135.728+/-0.037 χ^2/NDF : 475487.0/12

126.625+/-0.036 χ^2/NDF : 334290.2/10

asym_bpm2i01WS_mean vs slug



Right In: -9388.374+/-69.985 χ^2/NDF : 4752.0/2

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

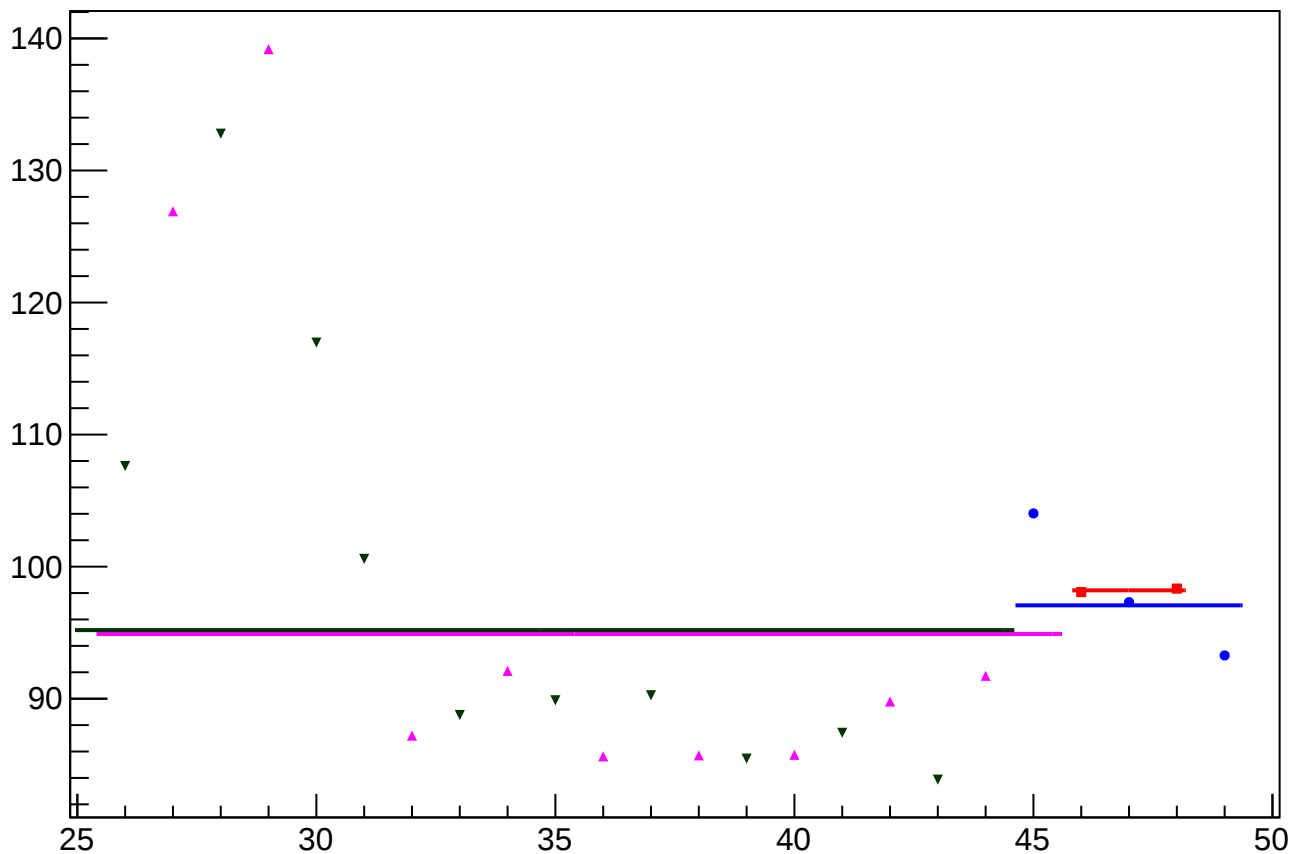
Right Out: 3162.965+/-106.968 χ^2/NDF : 135.0/1

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

7165.868+/-36.606 χ^2/NDF : 110506.1/12

-36585.524+/-38.624 χ^2/NDF : 230260.3/10

asym_bpm2i01WS_rms vs slug



Right In: 97.069 $\pm$ 0.049 χ^2 /NDF: 8413.2/2

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

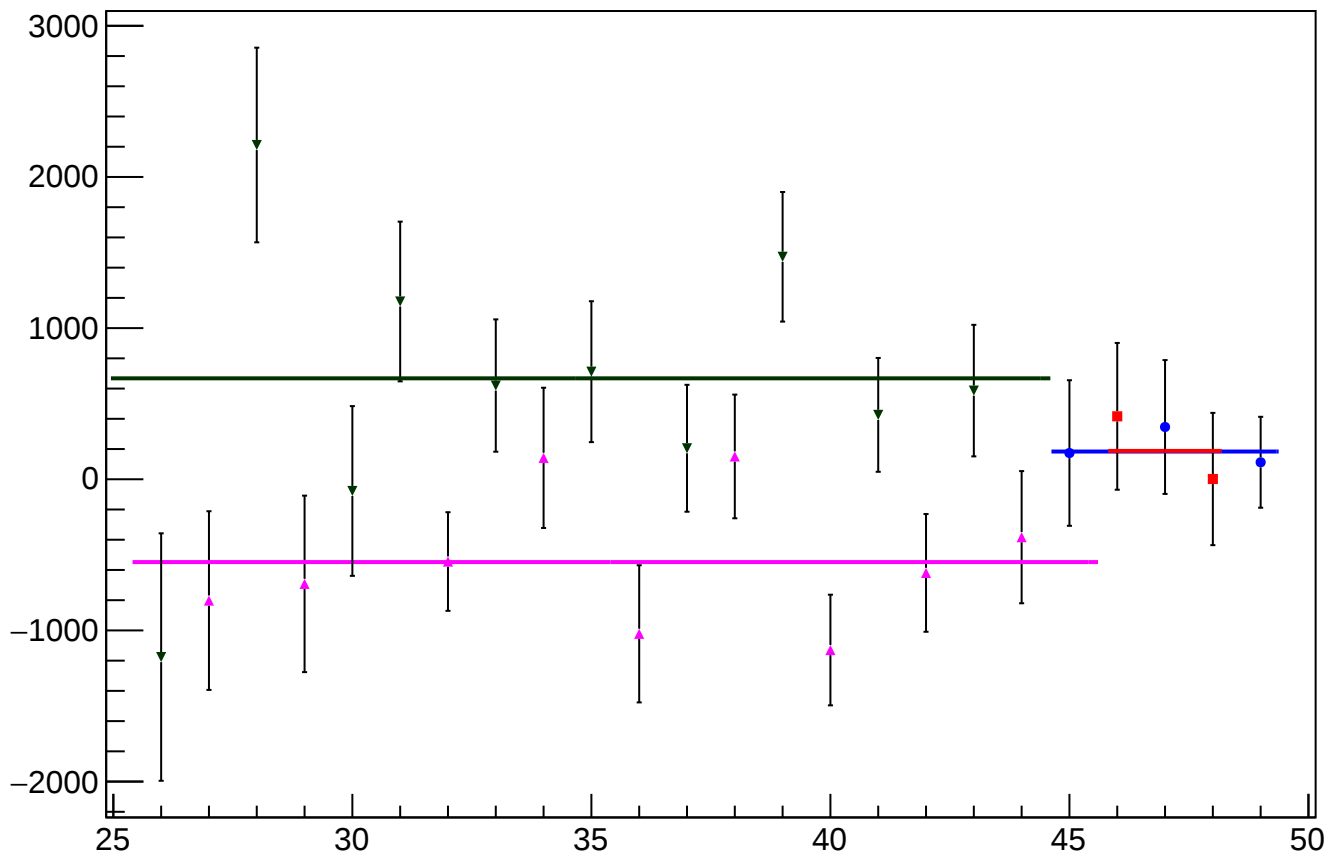
Right Out: 98.207 $\pm$ 0.076 χ^2 /NDF: 3.0/1

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

95.706 $\pm$ 0.026 χ^2 /NDF: 216046.3/12

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

asym_bpm0i07WS_mean vs slug



Right In: 183.518 $\pm$ 221.042 χ^2/NDF : 0.2/2

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

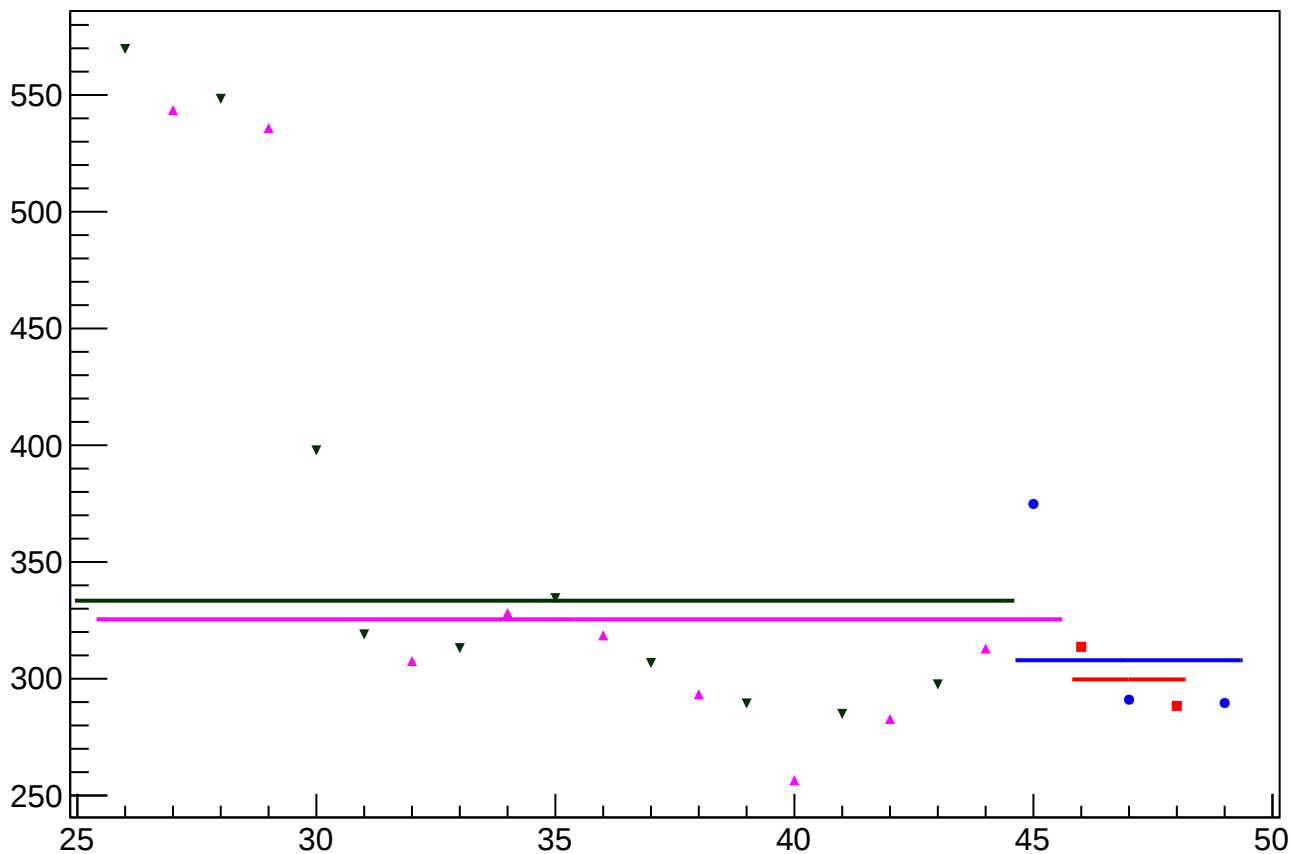
Right Out: 187.550 $\pm$ 325.084 χ^2/NDF : 0.4/1

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

513.839 $\pm$ 124.617 χ^2/NDF : 22.2/12

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

asym_bpm0i07WS_rms vs slug



Right In: 307.924 ± 0.156 χ^2/NDF : 48960.0/2

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

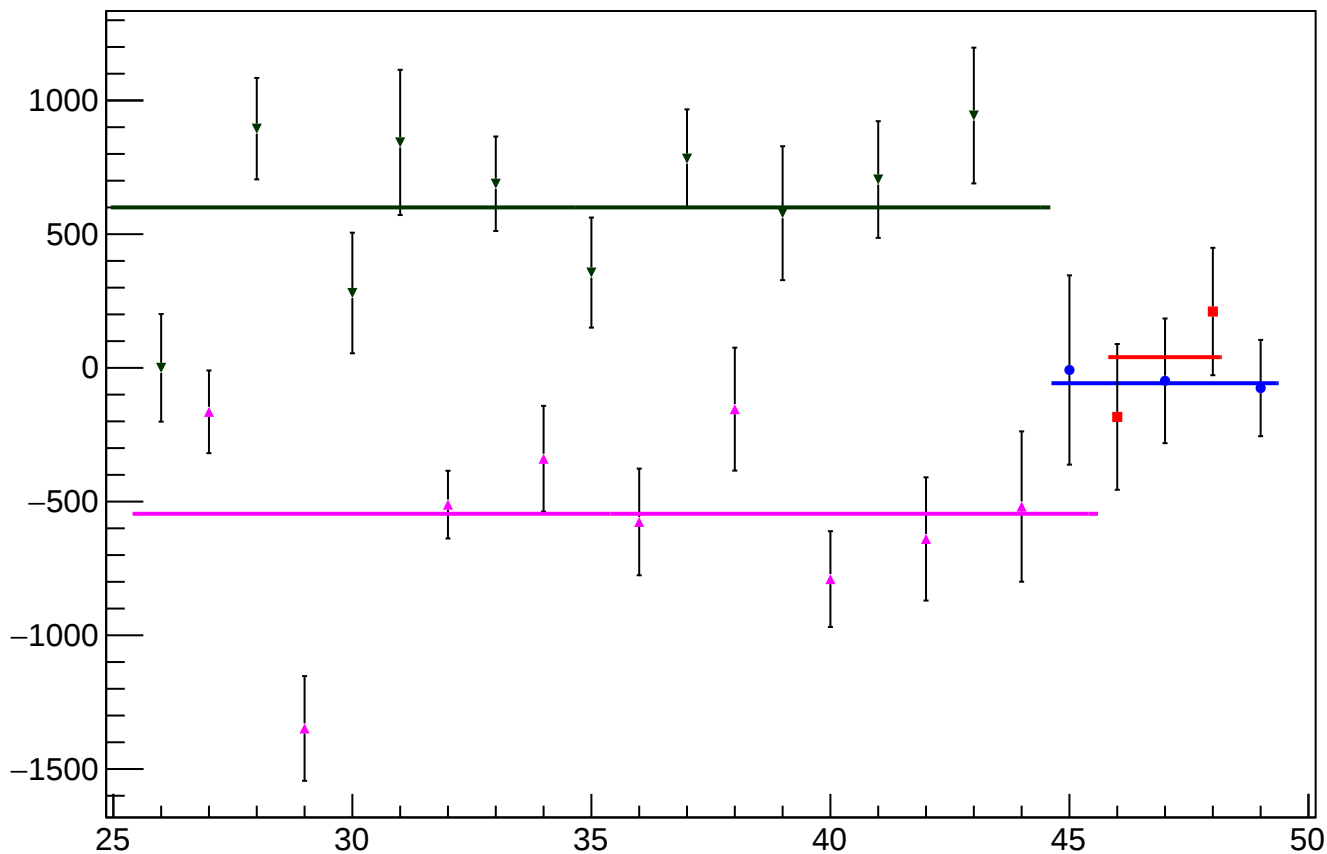
Right Out: 299.716 ± 0.230 χ^2/NDF : 2987.1/1

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

325.322 ± 0.088 χ^2/NDF : 564527.0/12

321.359 ± 0.092 χ^2/NDF : 660757.9/10

asym_bpm0l01WS_mean vs slug



Right In: -57.357 ± 132.197 χ^2/NDF : 0.0/2

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

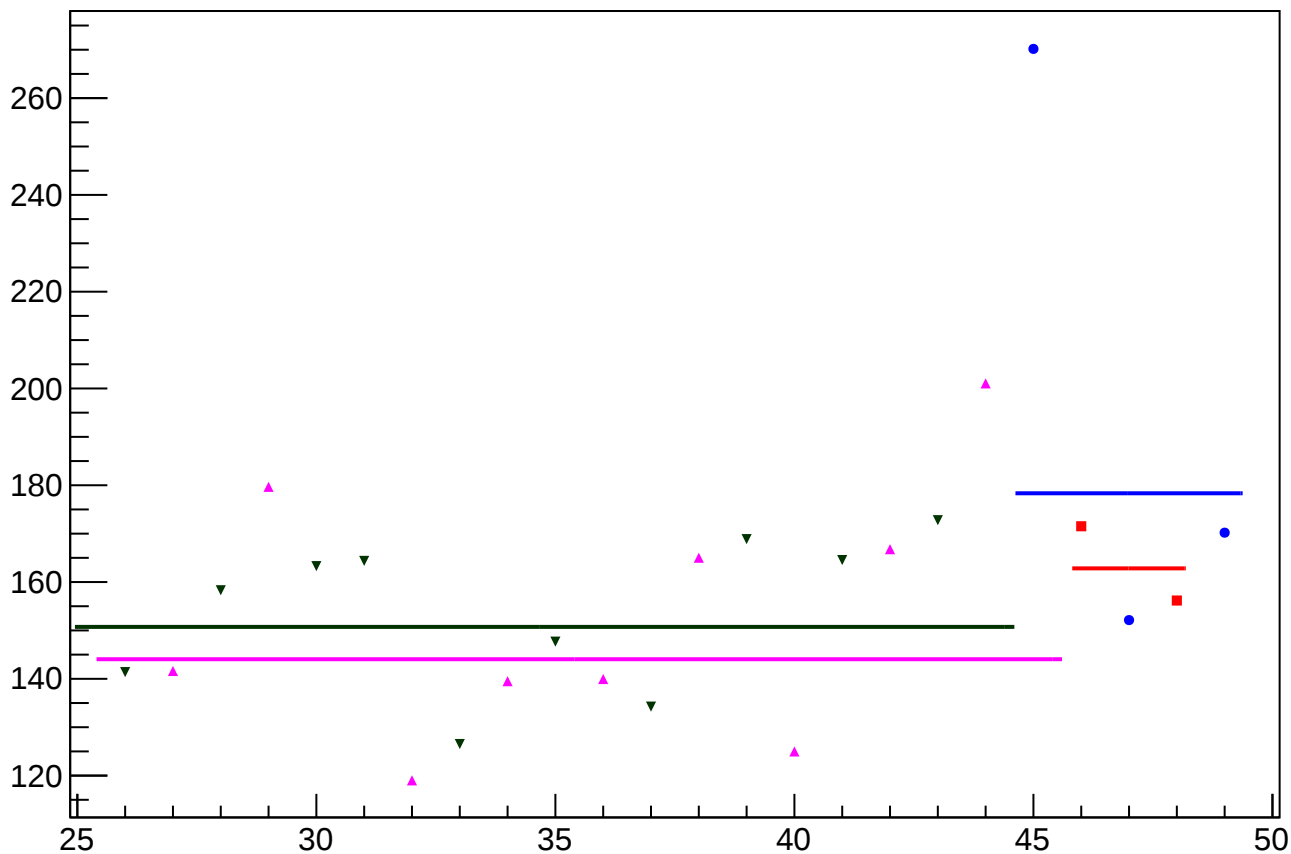
Right Out: 40.096 ± 179.395 χ^2/NDF : 1.2/1

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

465.947 ± 59.707 χ^2/NDF : 38.5/12

-483.629 ± 58.357 χ^2/NDF : 39.7/10

asym_bpm0l01WS_rms vs slug



Right In: 178.341+/-0.093 χ^2/NDF : 163984.0/2

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

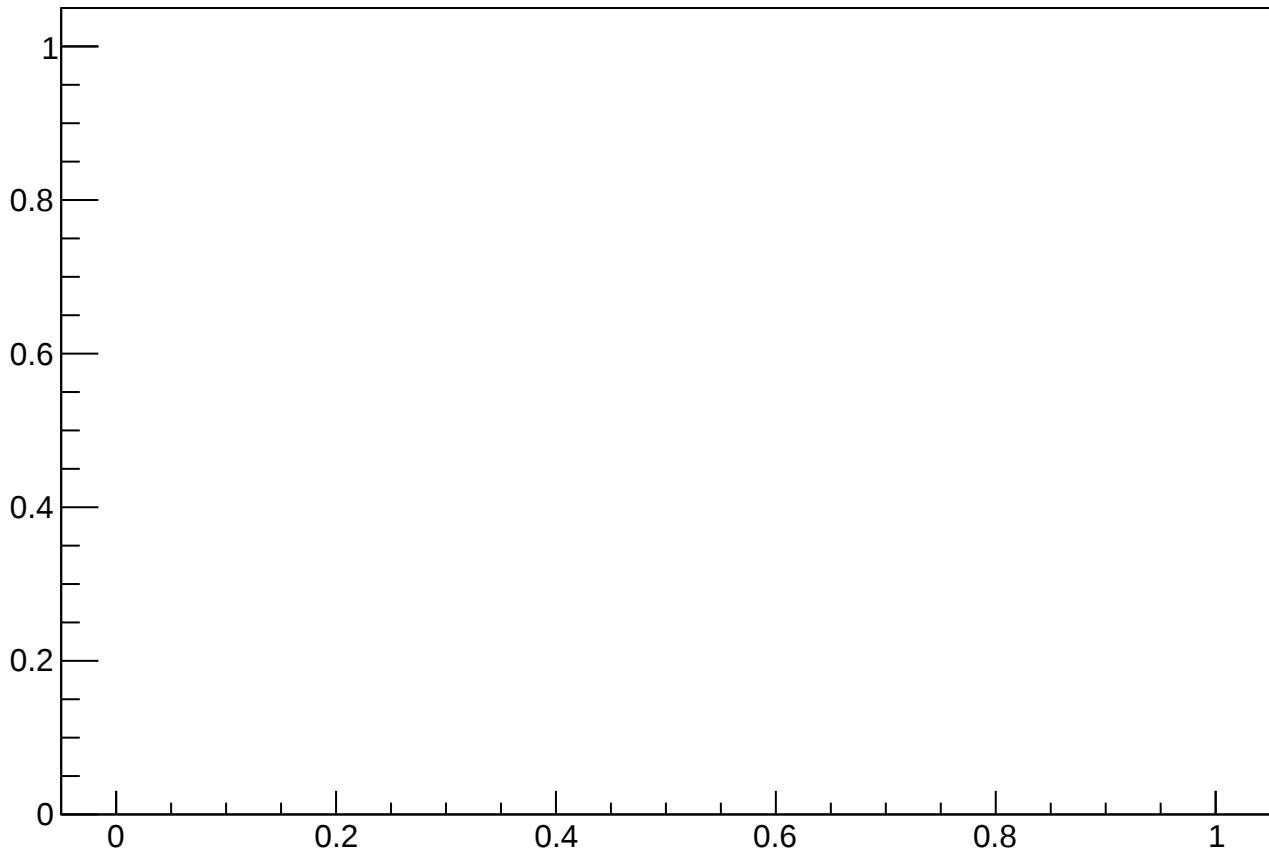
Right Out: 162.826+/-0.127 χ^2/NDF : 3592.2/1

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

156.365+/-0.042 χ^2/NDF : 339730.1/12

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

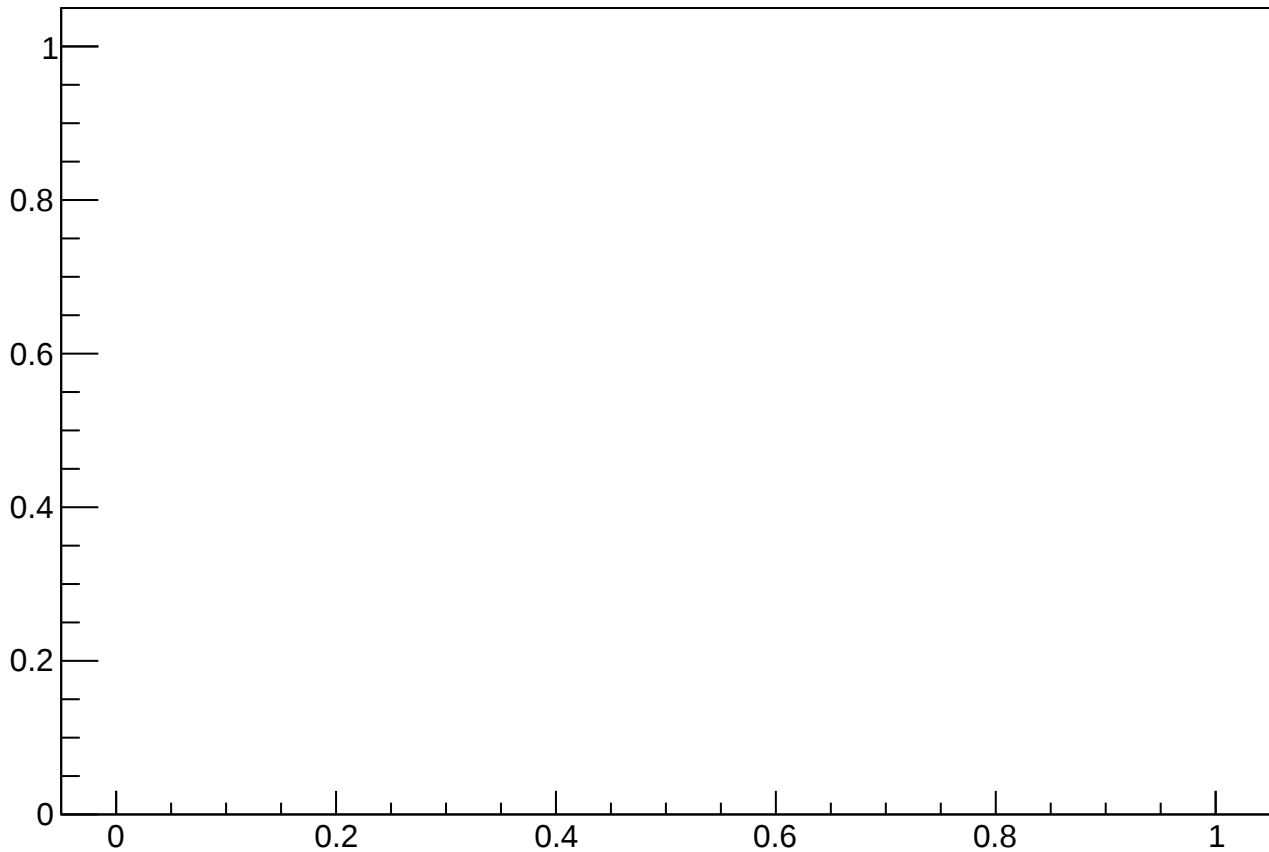
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

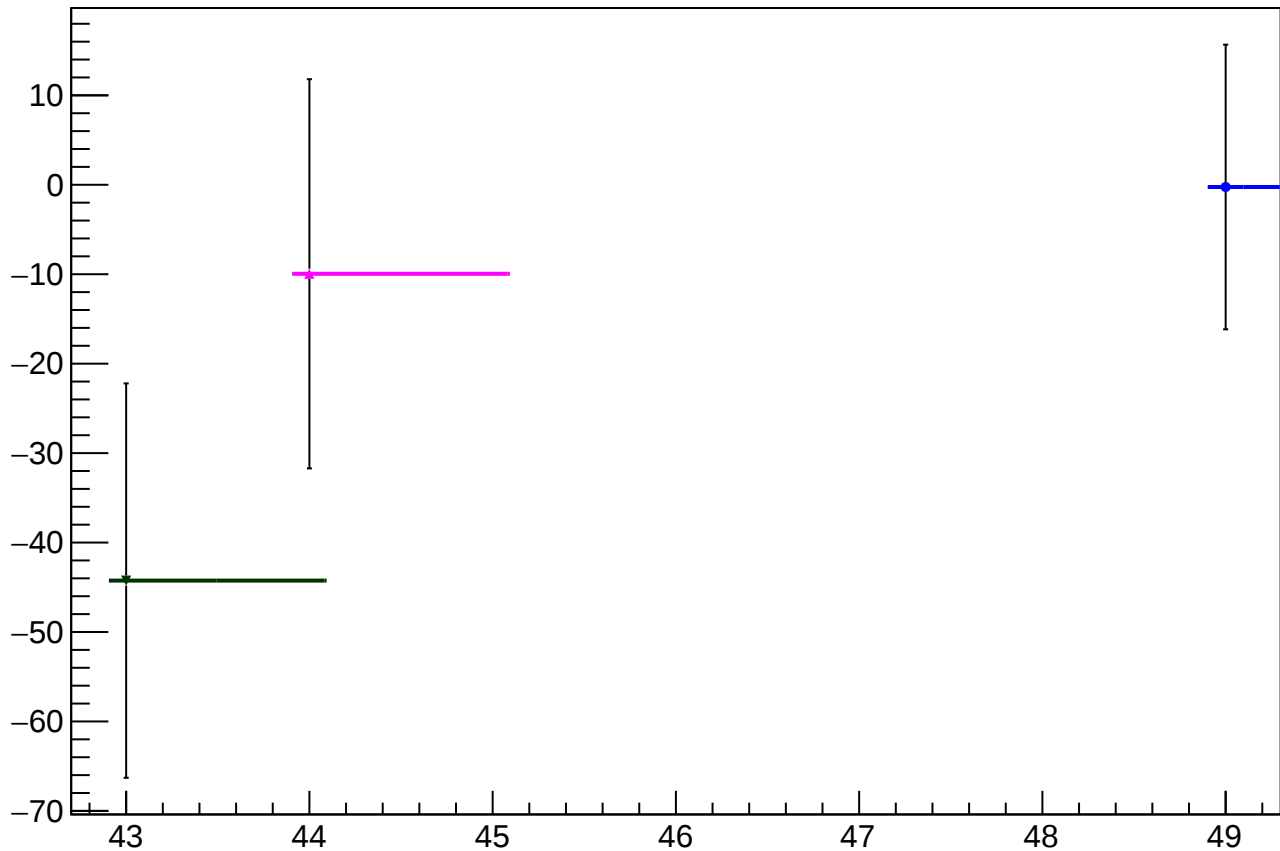
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.249 ± 15.913 χ^2/NDF : 0.0/0

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

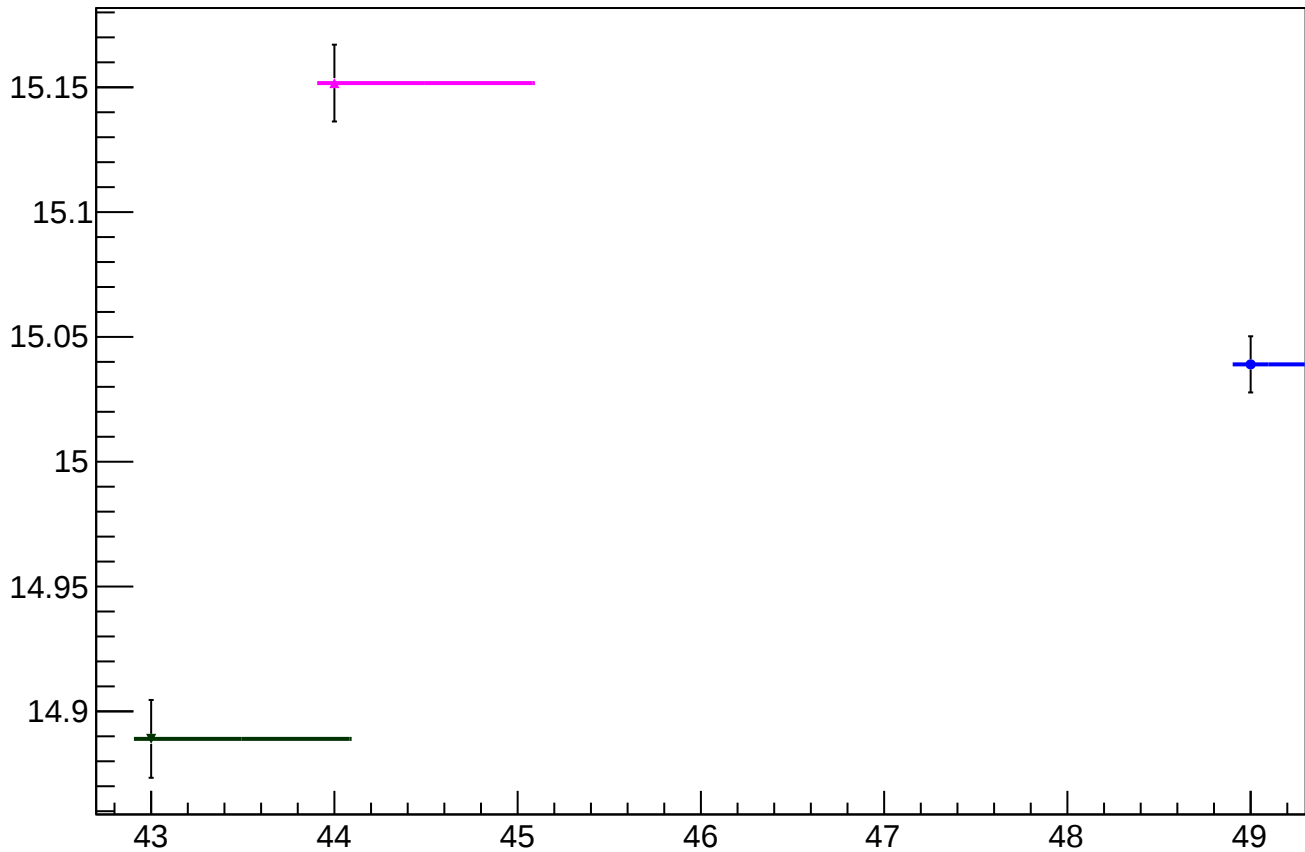
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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

-15.321 ± 12.903 χ^2/NDF : 2.6/1

-9.952 ± 21.757 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs slug



Right In: 15.039 $\pm$ 0.011 χ^2 /NDF: 0.0/0

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

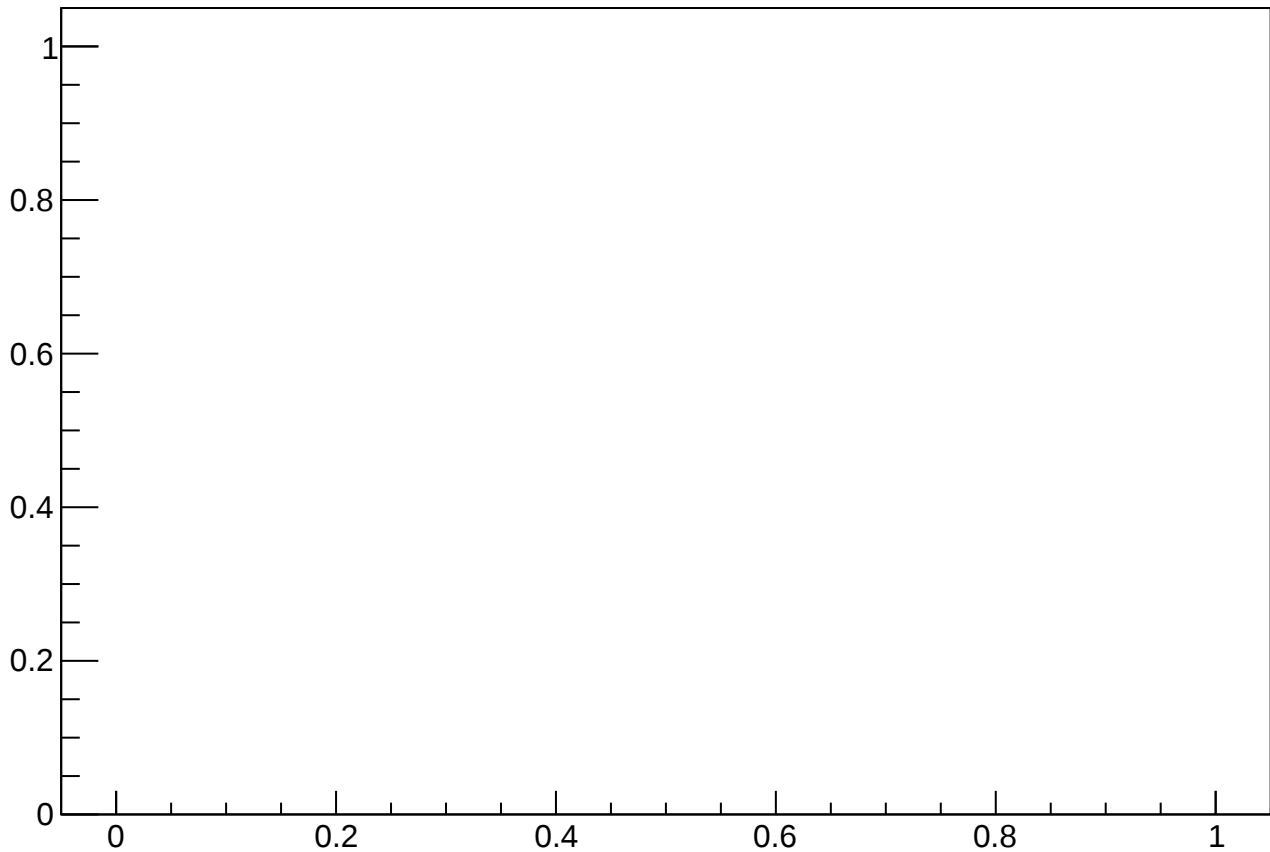
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

14.988 $\pm$ 0.009 χ^2 /NDF: 60.9/1

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

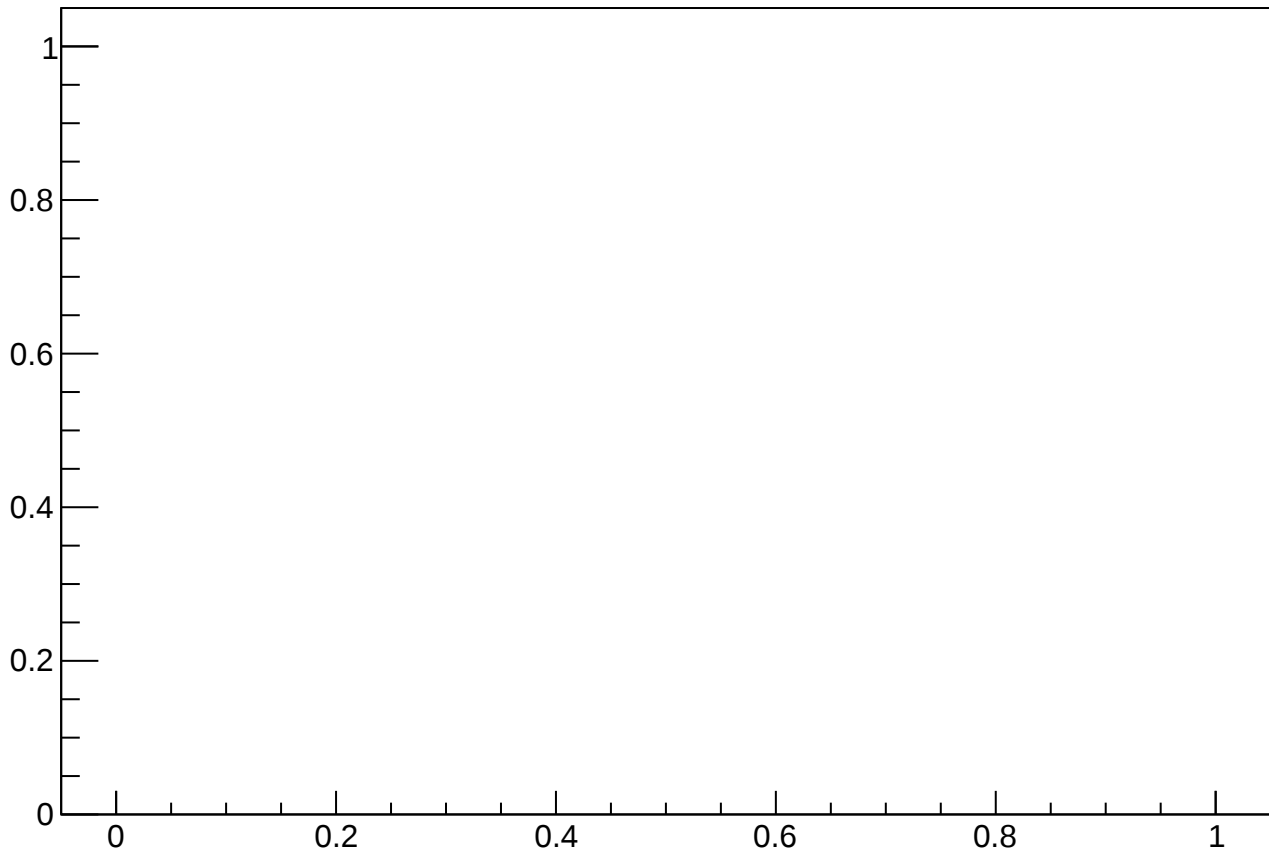
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

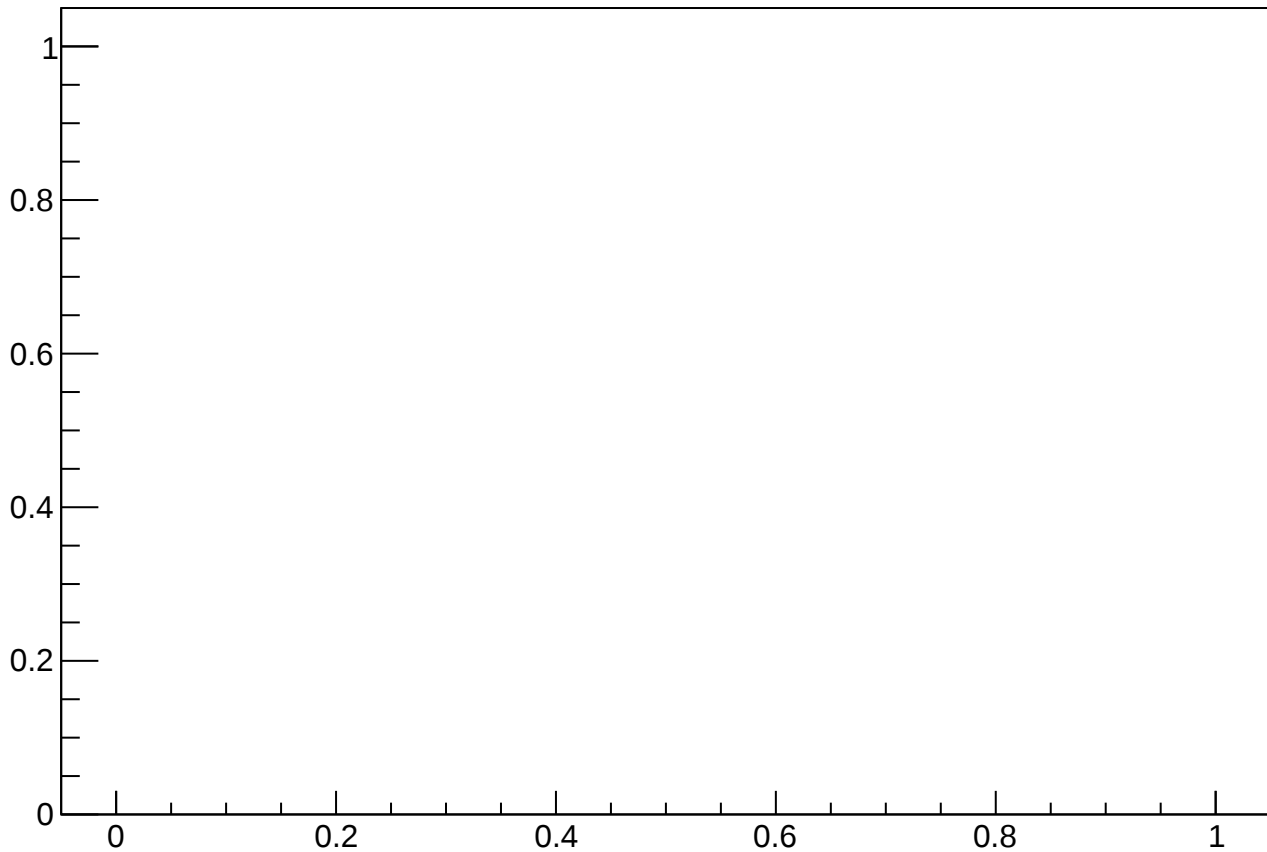
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

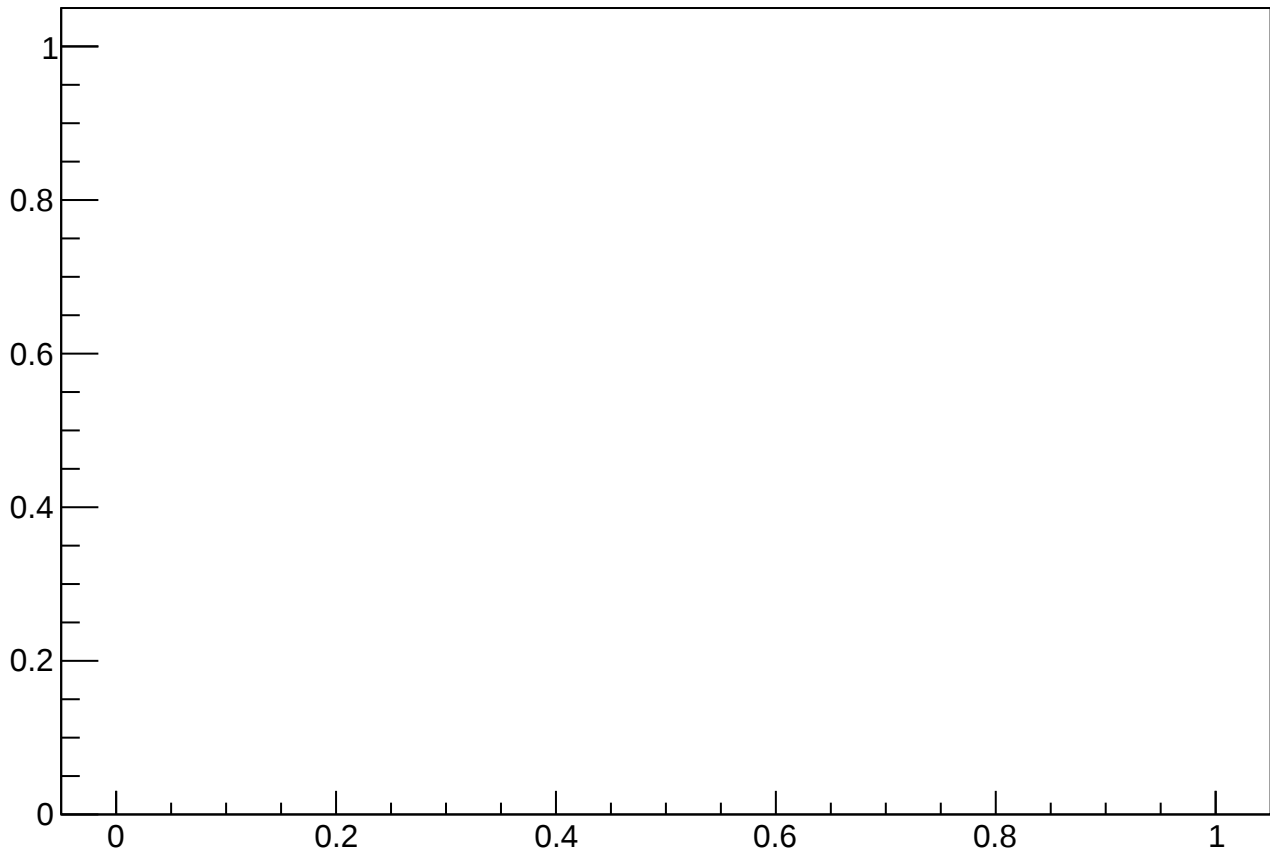
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

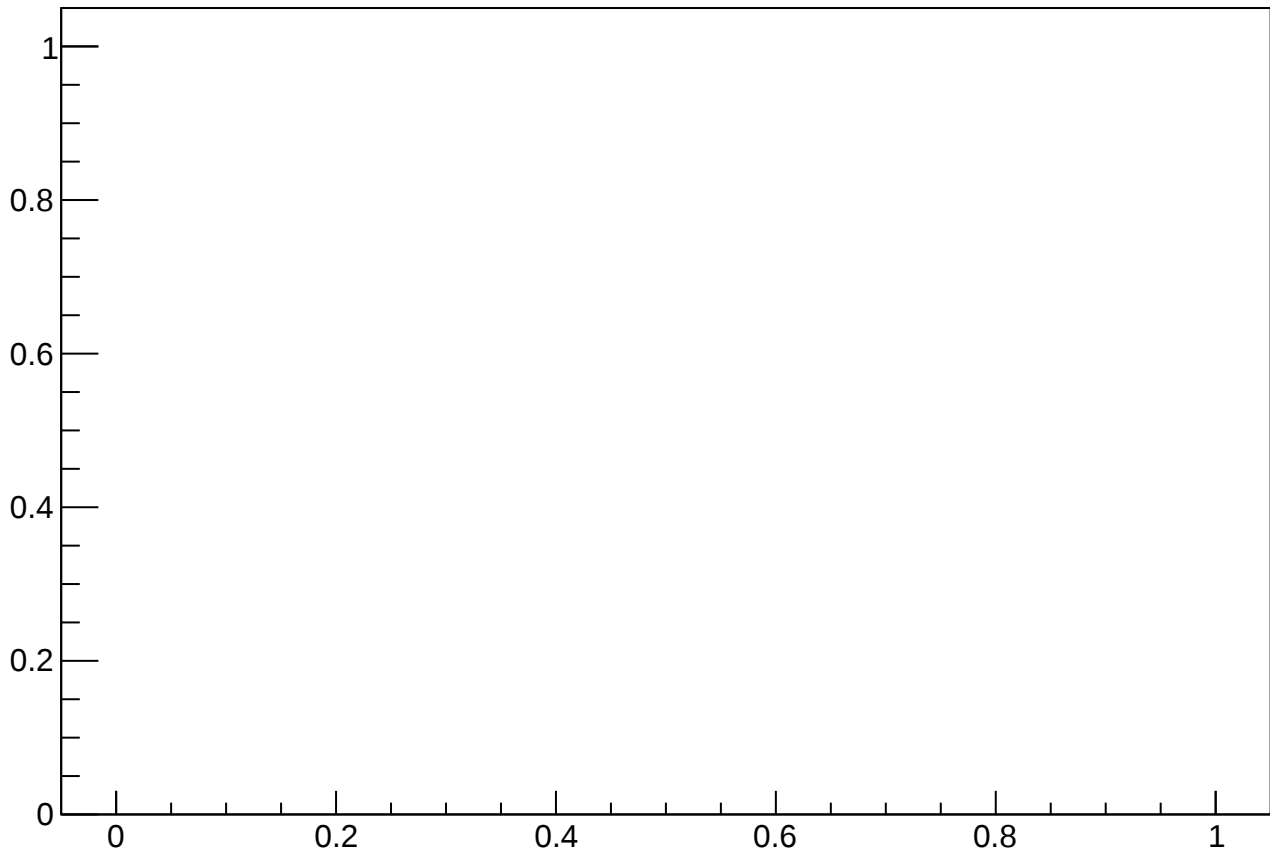
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

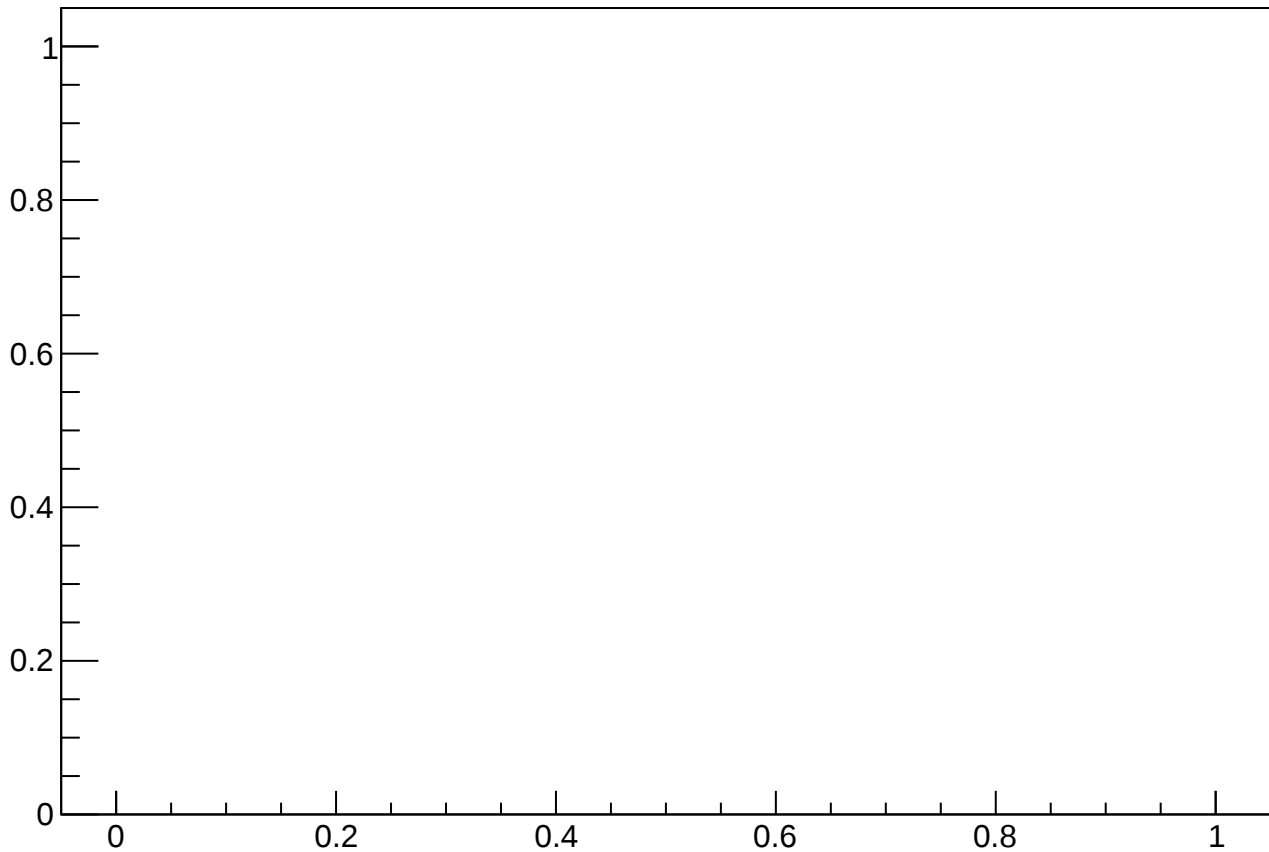
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

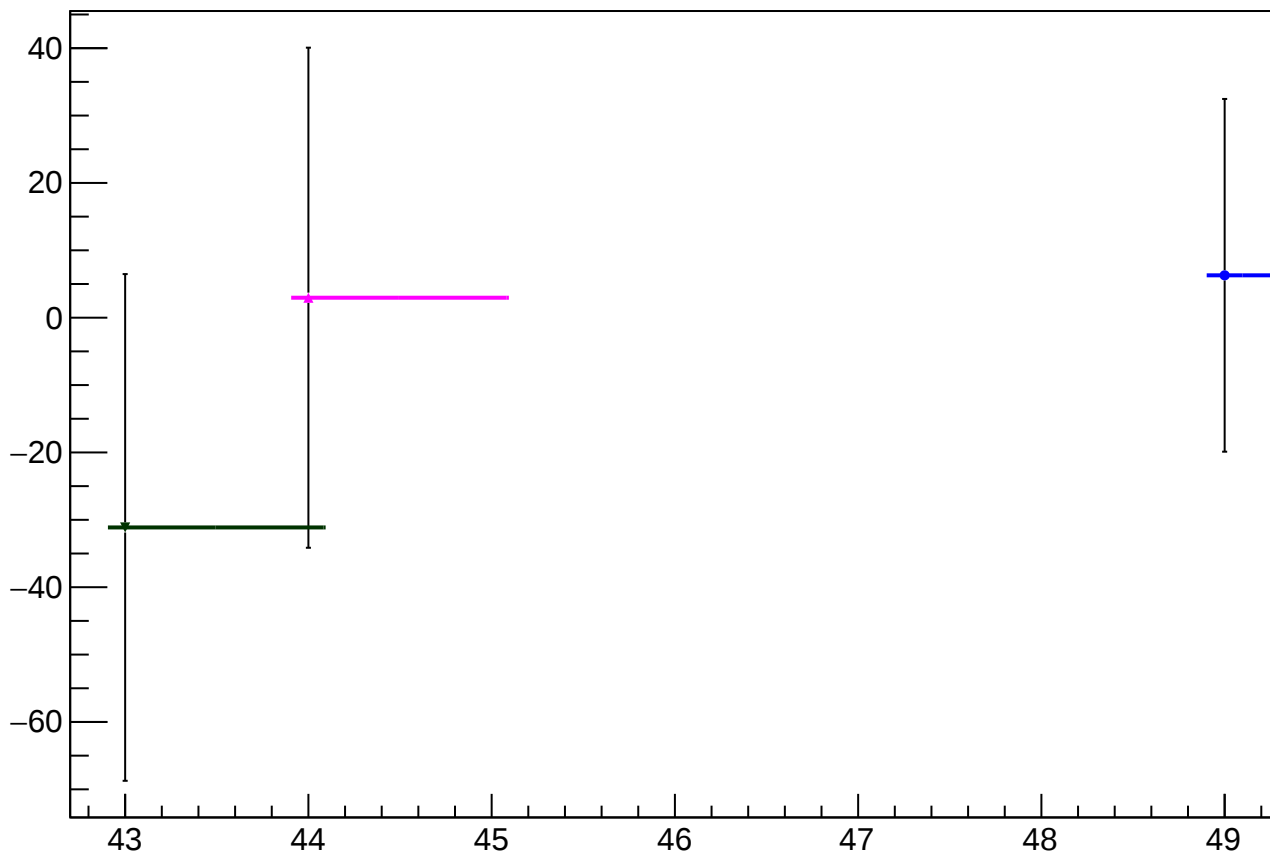
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 6.288 $\pm$ 26.177 χ^2/NDF : 0.0/0

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

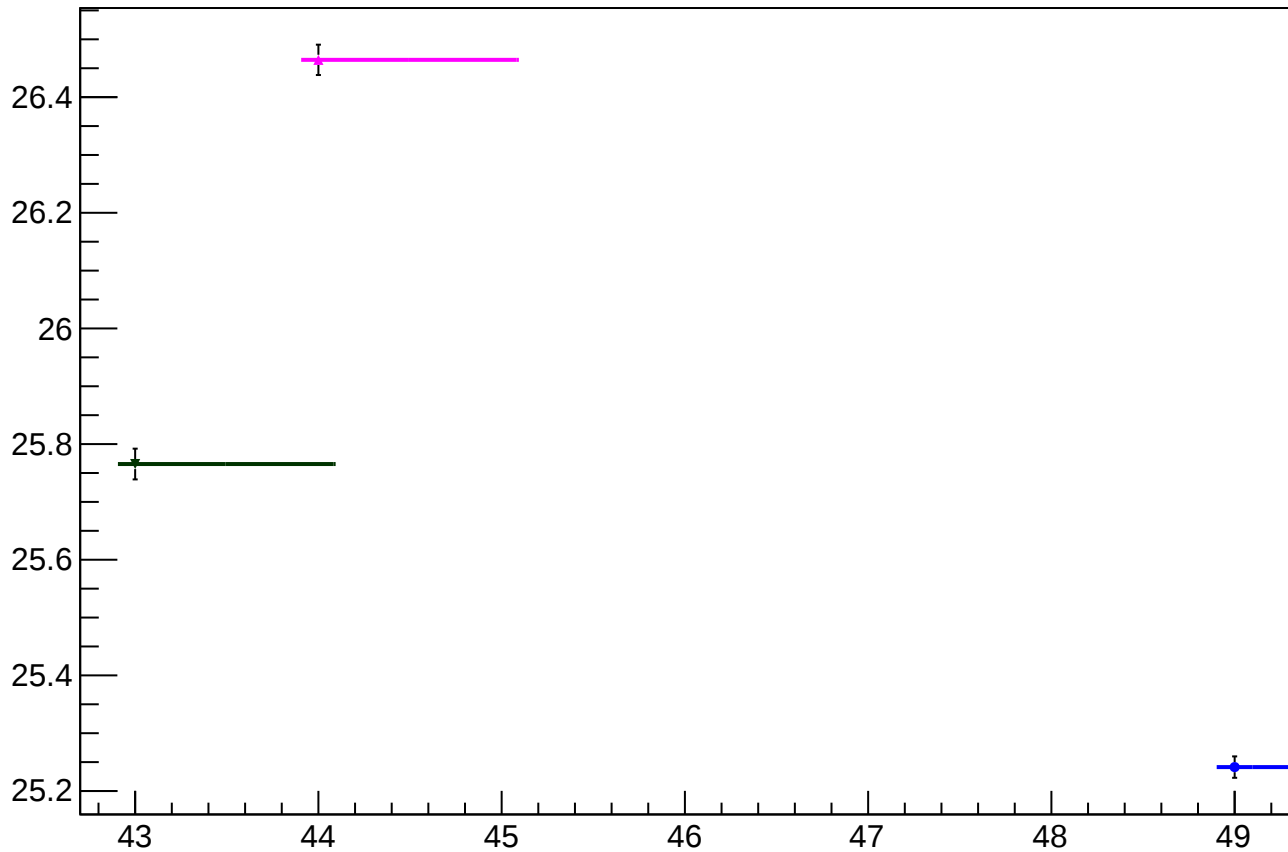
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

-5.926 $\pm$ 21.484 χ^2/NDF : 0.7/1

2.964 $\pm$ 37.111 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd _rms vs slug



Right In: 25.241 $\pm$ 0.019 χ^2/NDF : 0.0/0

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

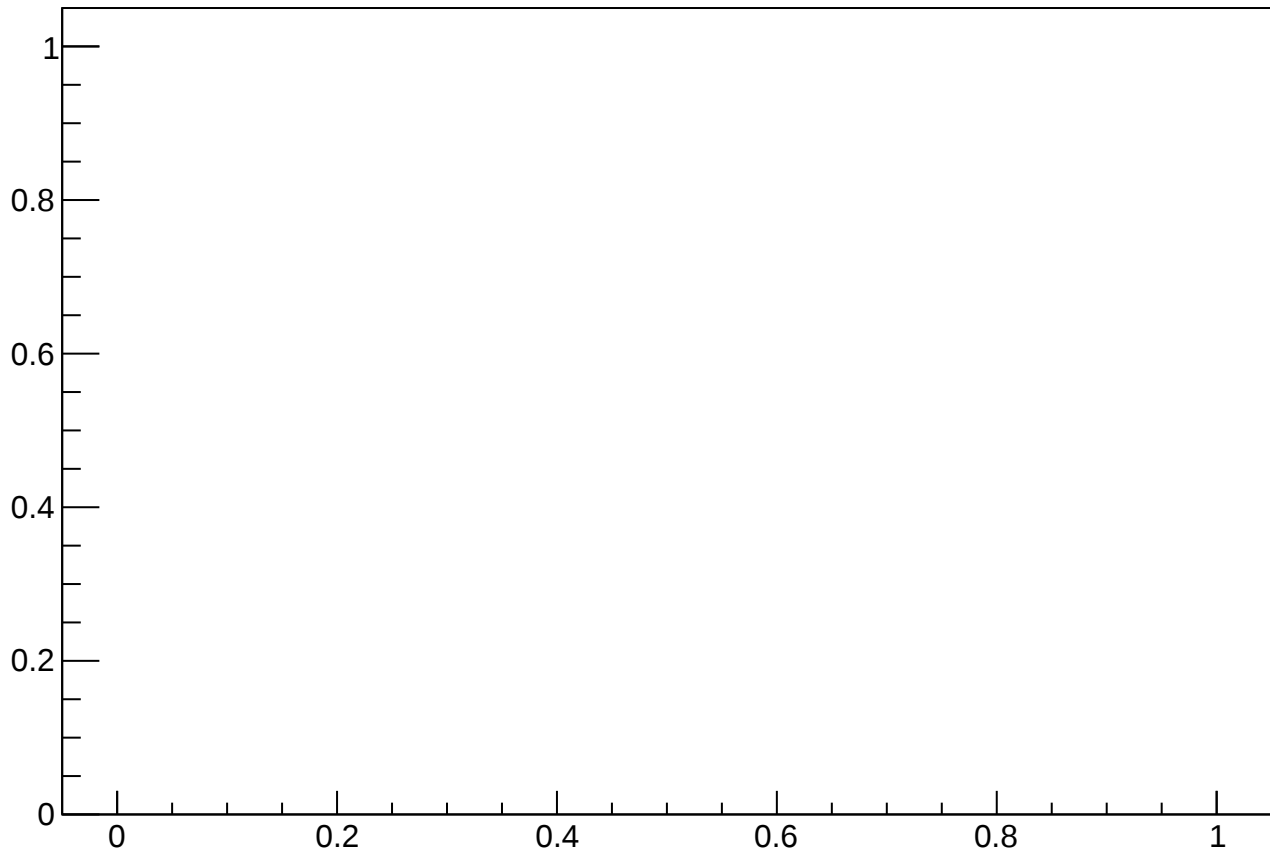
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

25.412 $\pm$ 0.015 χ^2/NDF : 261.7/1

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

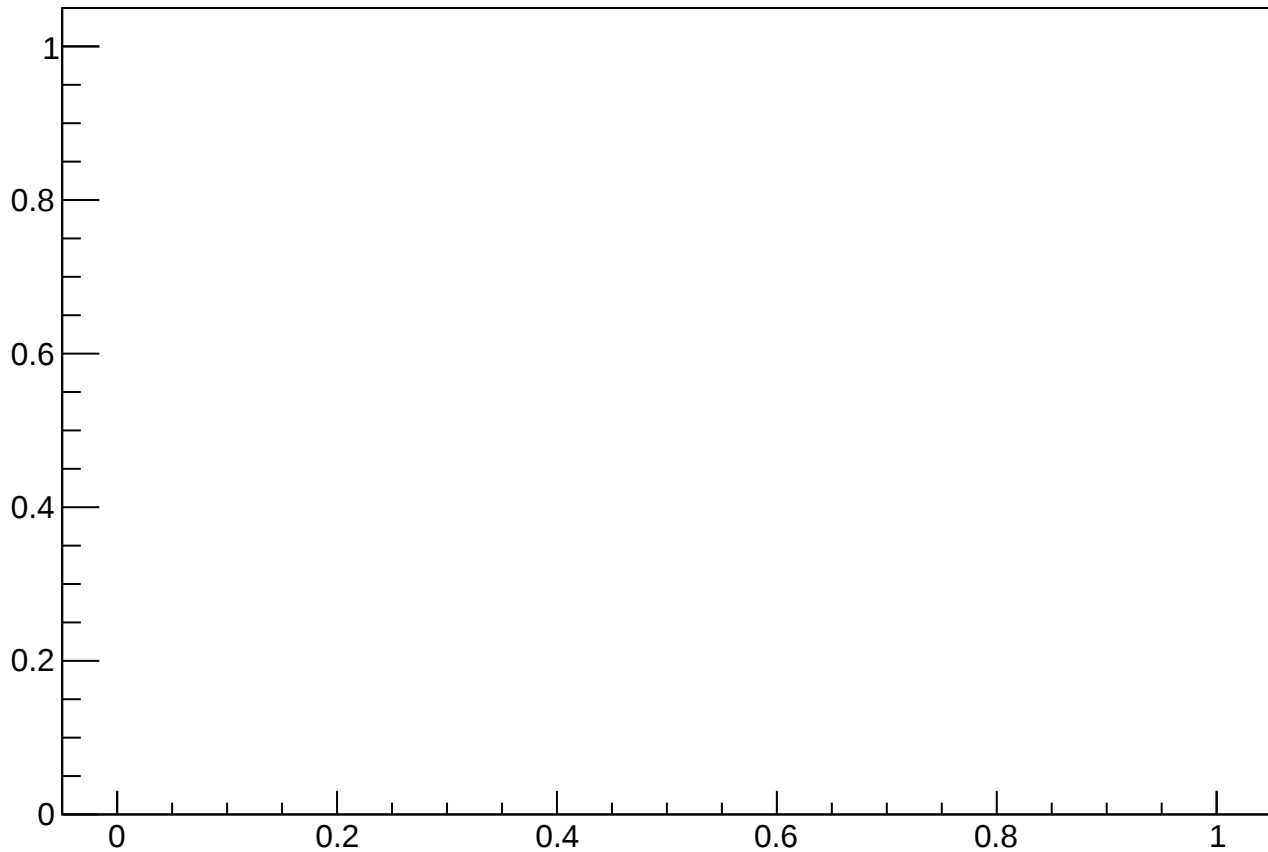
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

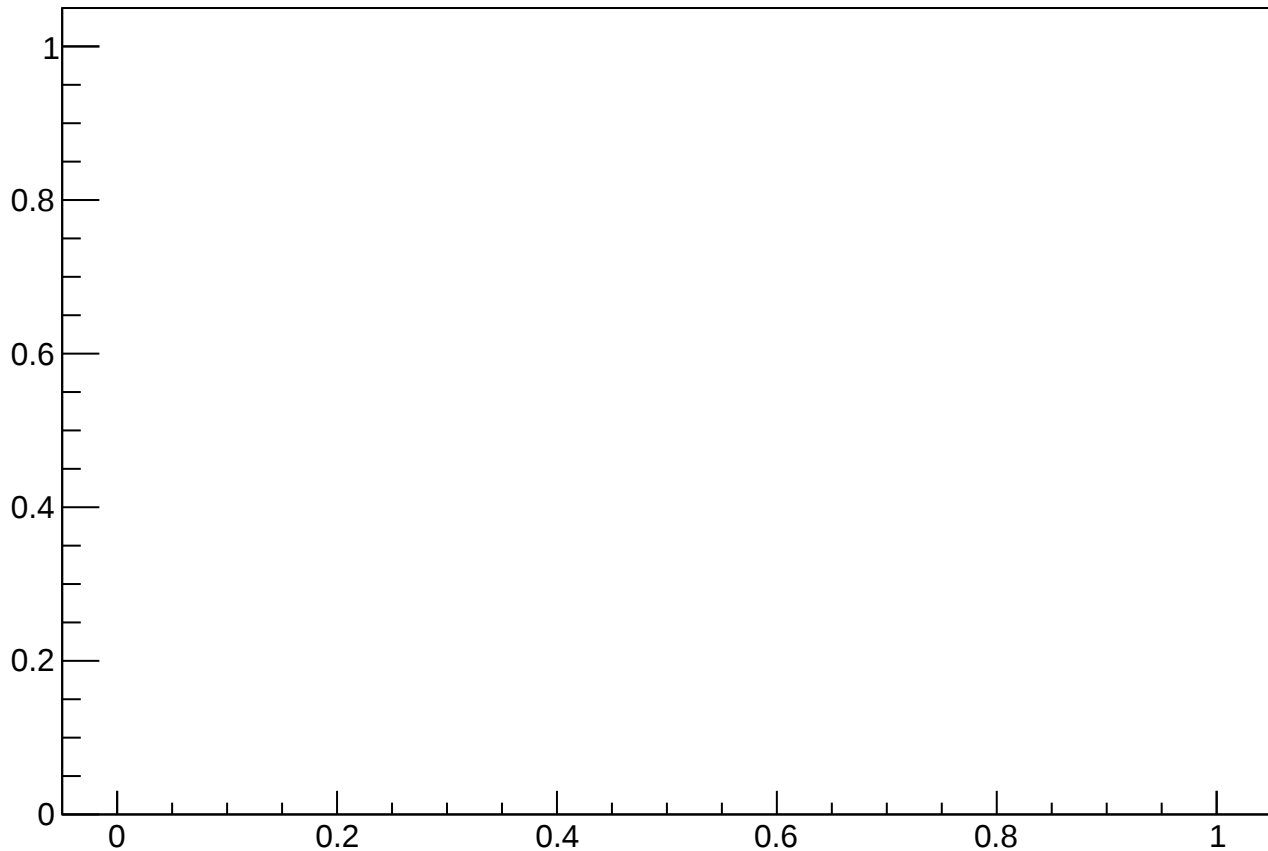
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

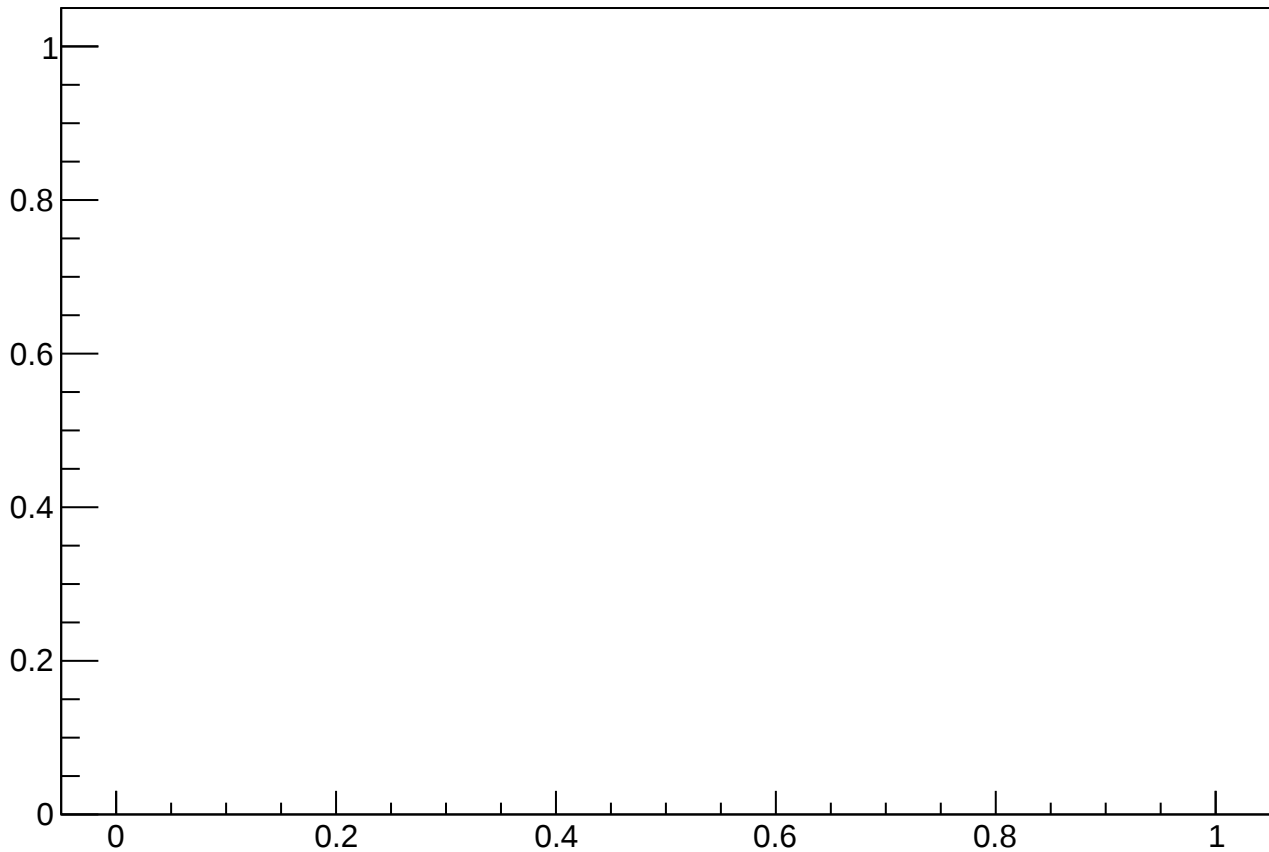
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

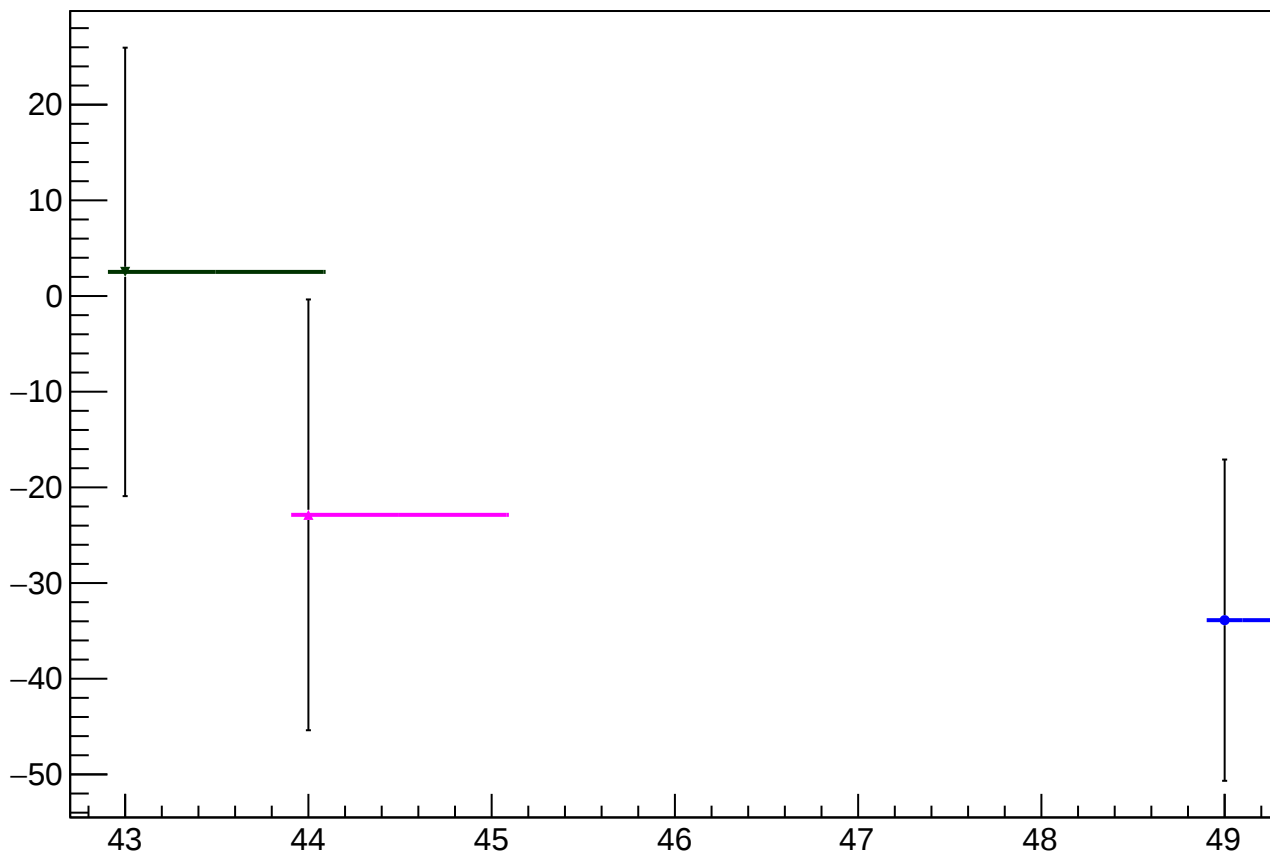
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -33.880 $\pm$ 16.790 χ^2/NDF : 0.0/0

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

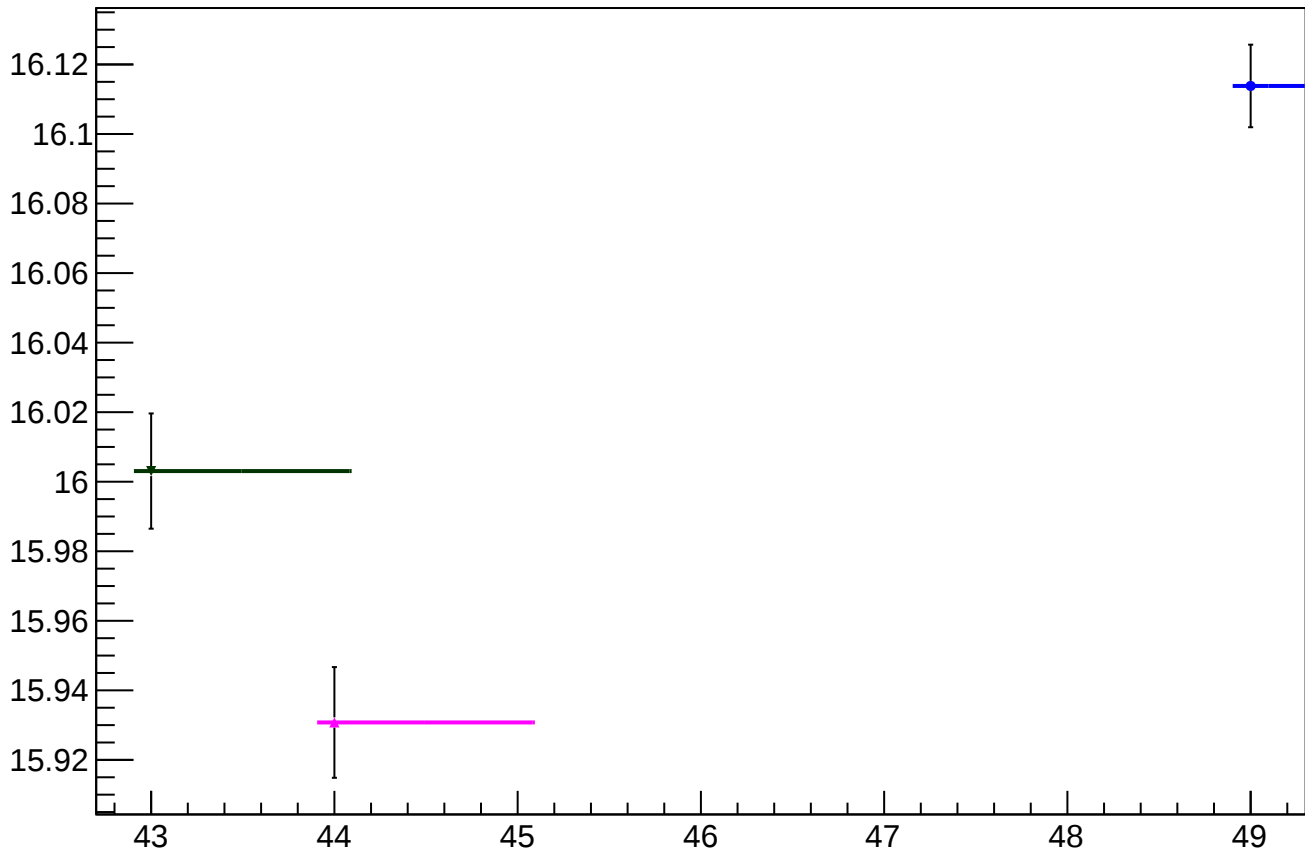
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

-21.534 $\pm$ 13.649 χ^2/NDF : 1.6/1

-22.872 $\pm$ 22.514 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.114+/-0.012 χ^2 /NDF: 0.0/0

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

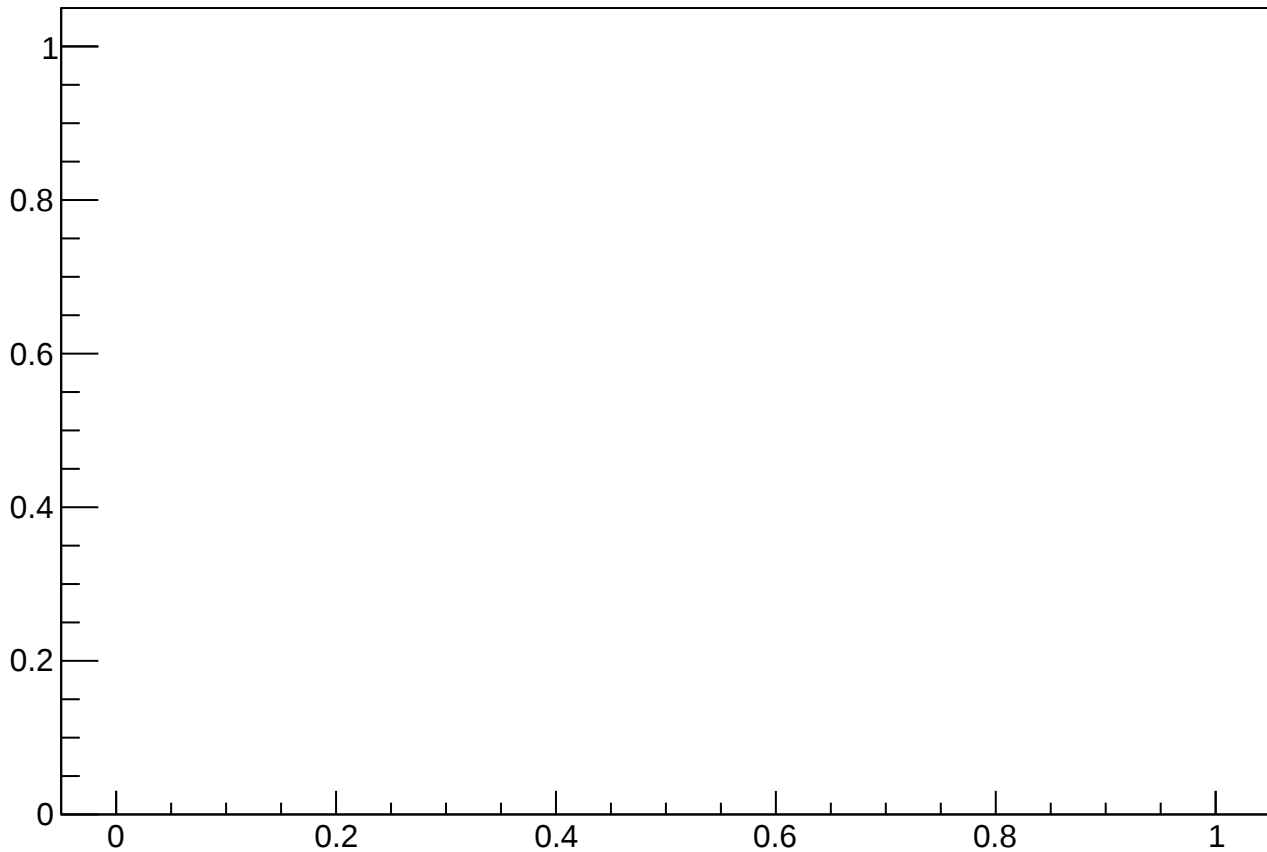
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

16.076+/-0.010 χ^2 /NDF: 29.5/1

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

0.000+/-0.000 χ^2/NDF : 0.0/0

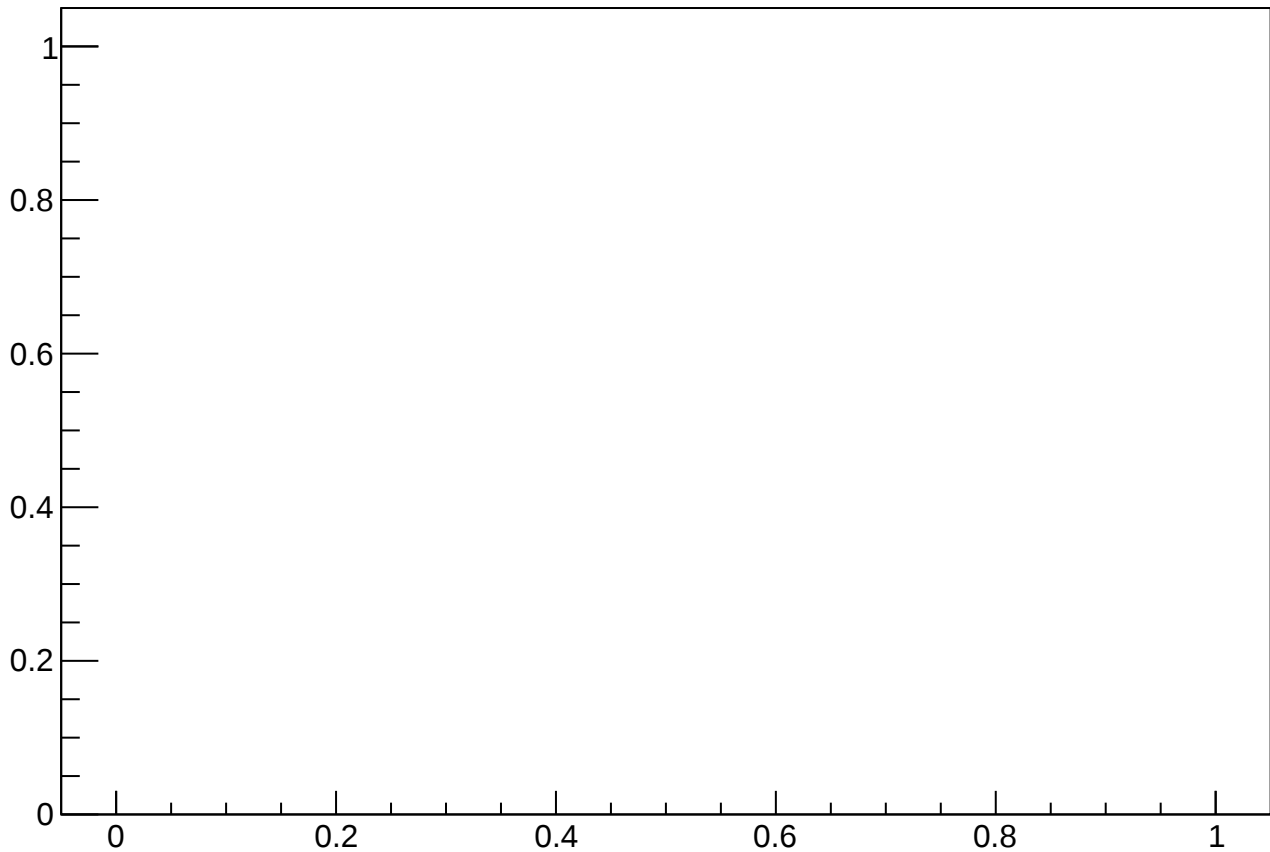
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

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

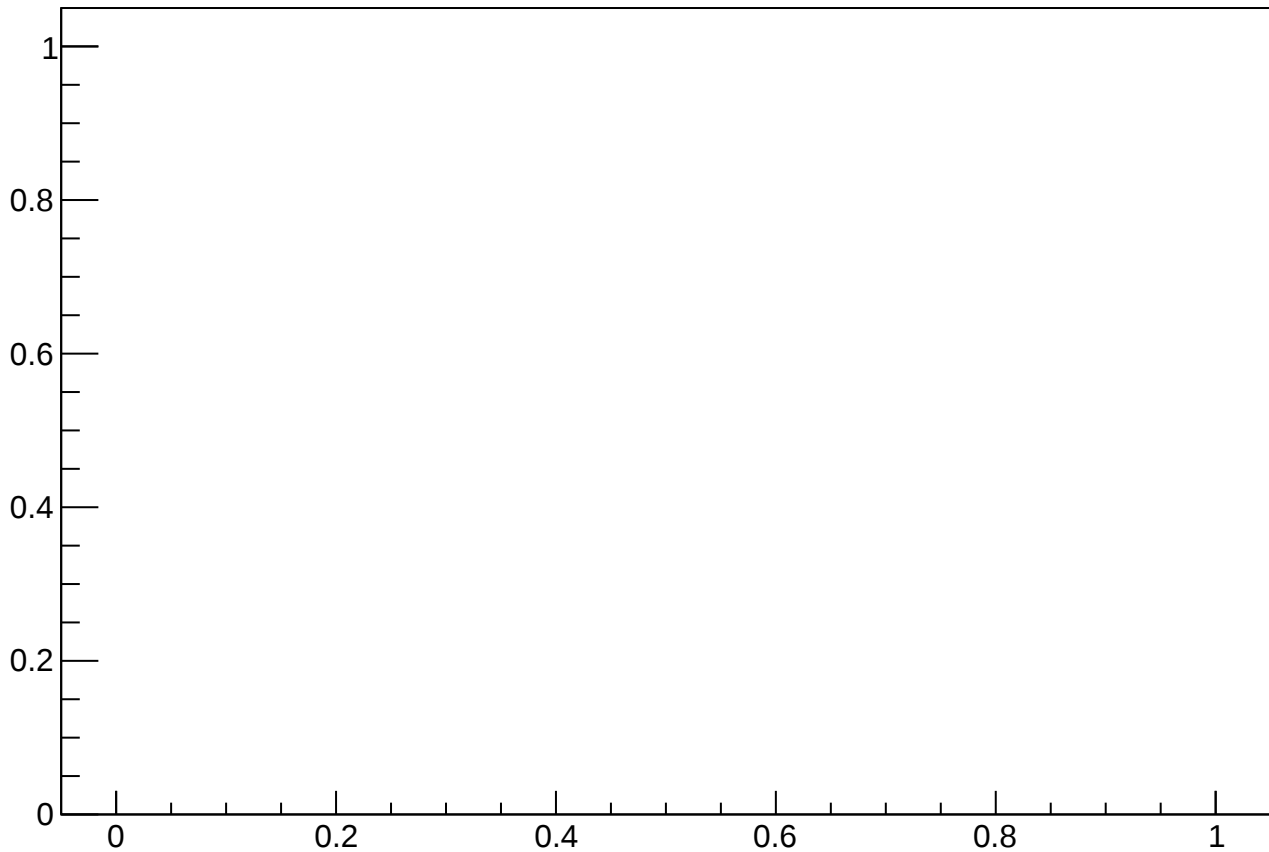
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

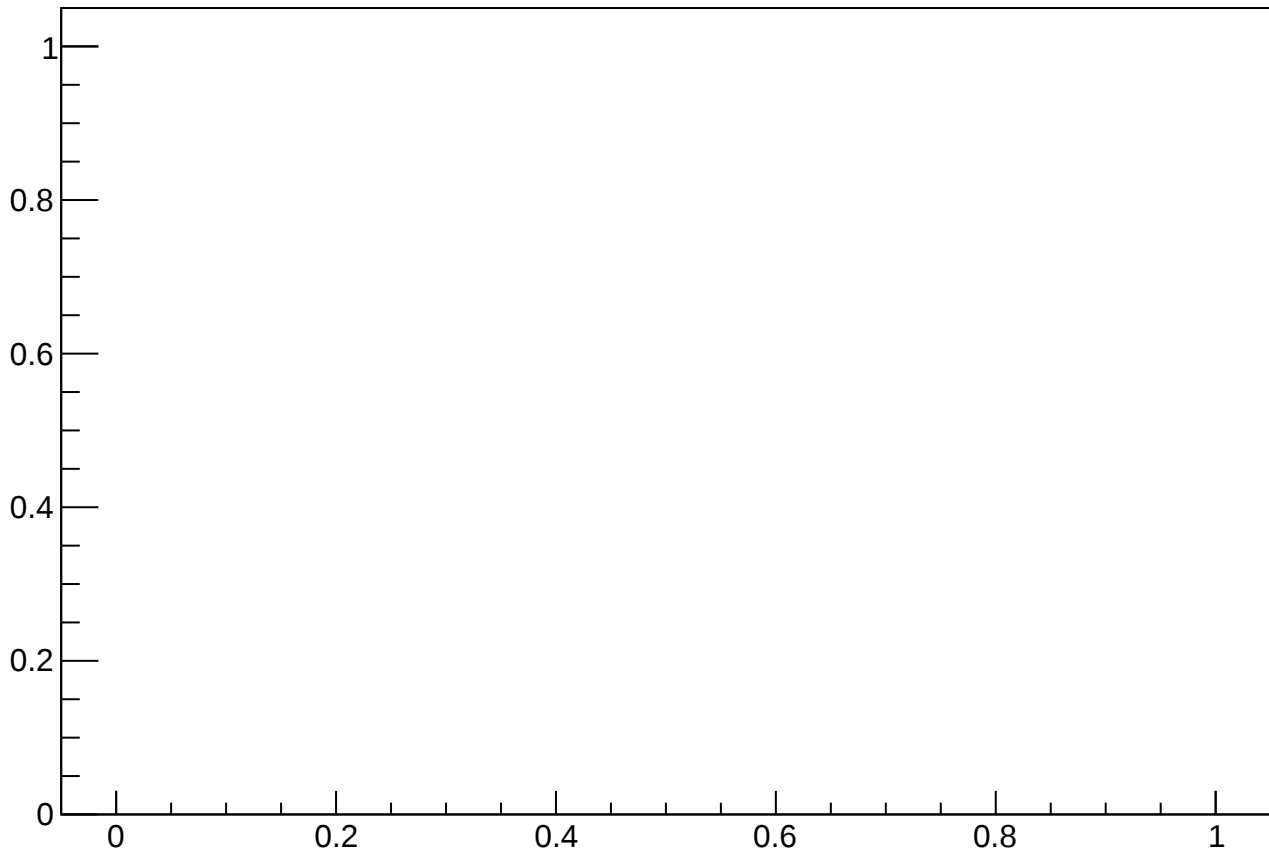
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

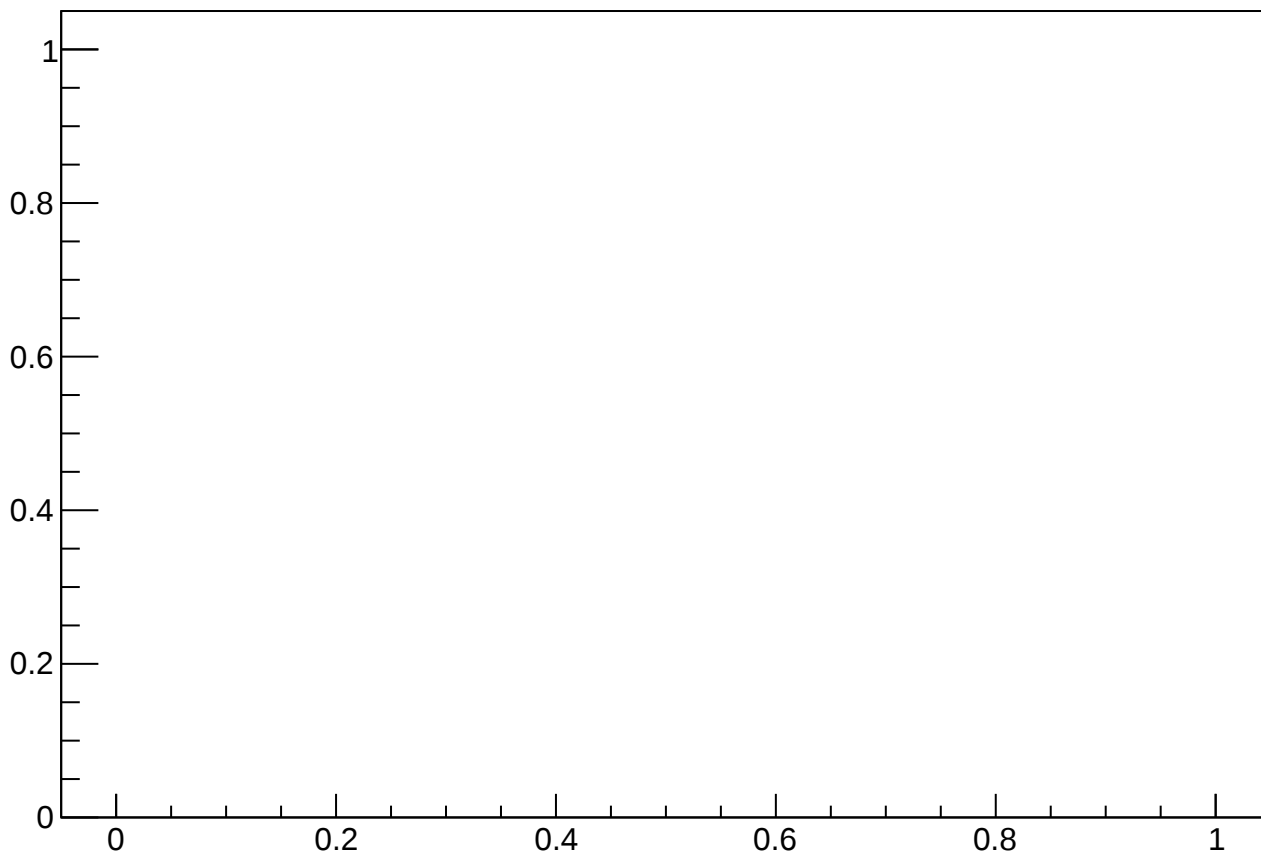
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

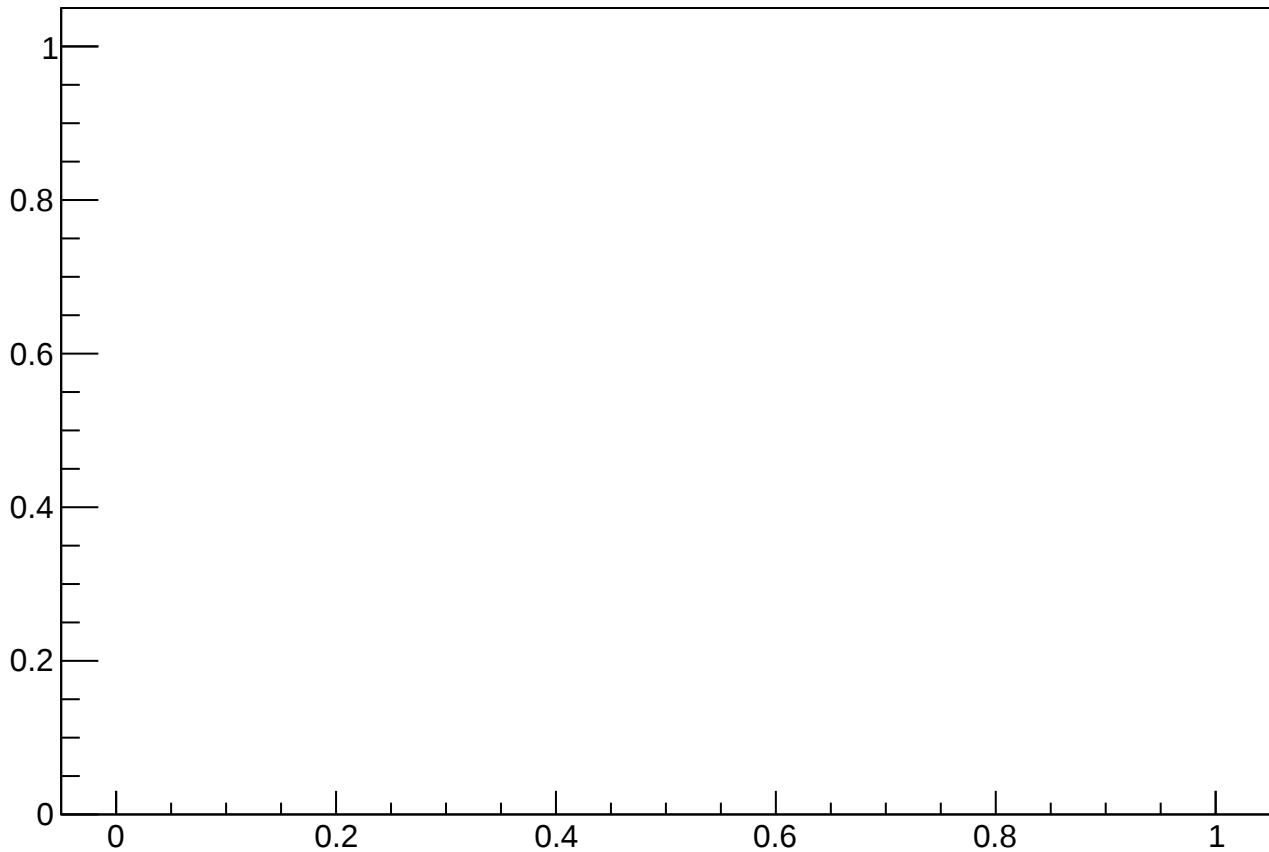
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

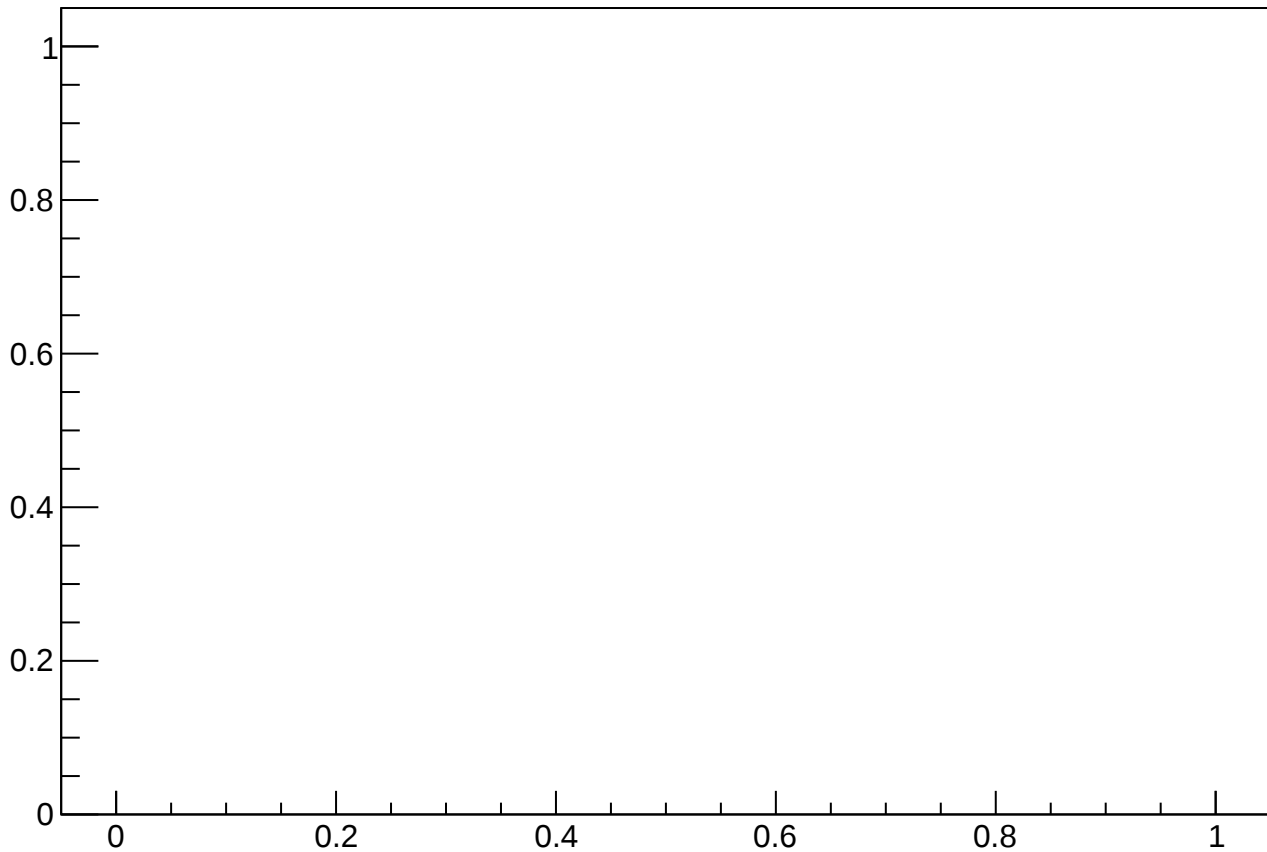
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

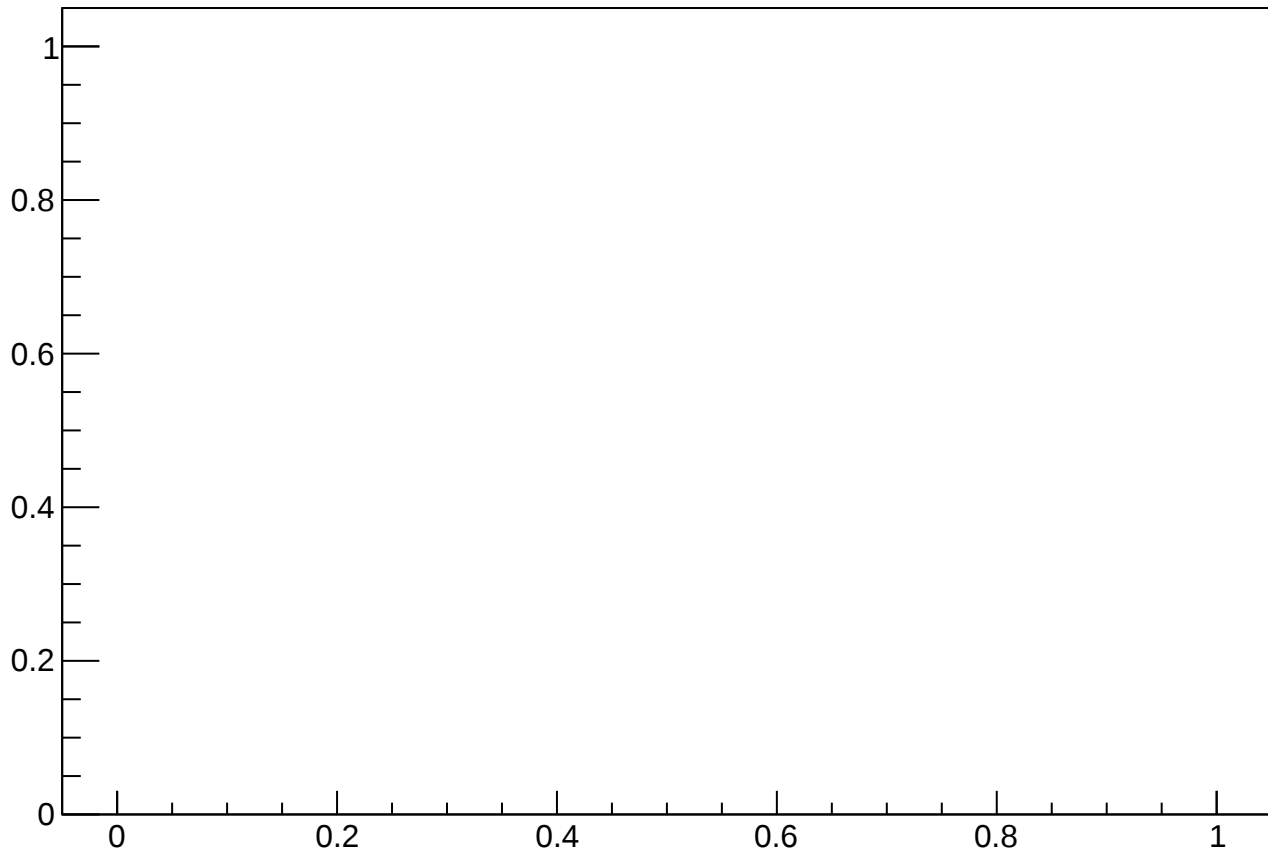
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

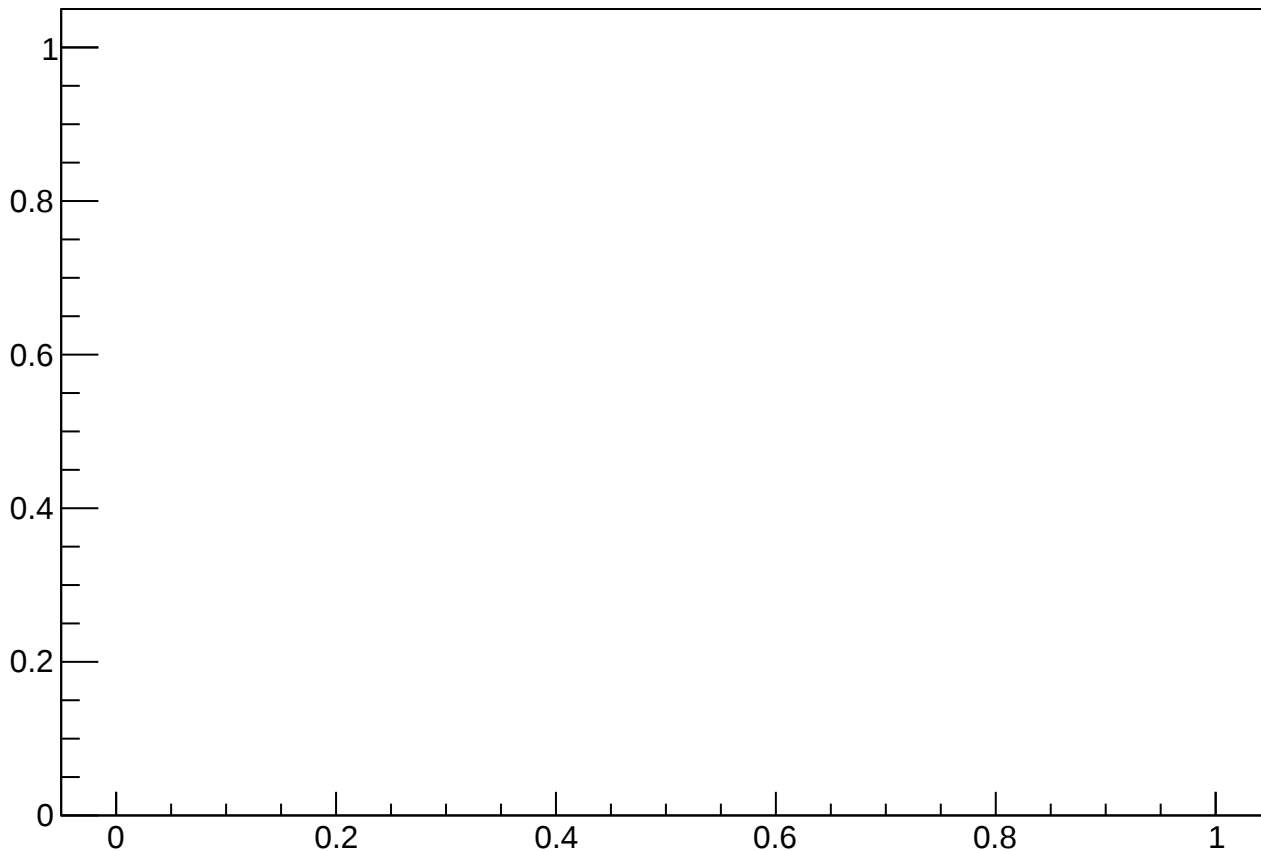
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

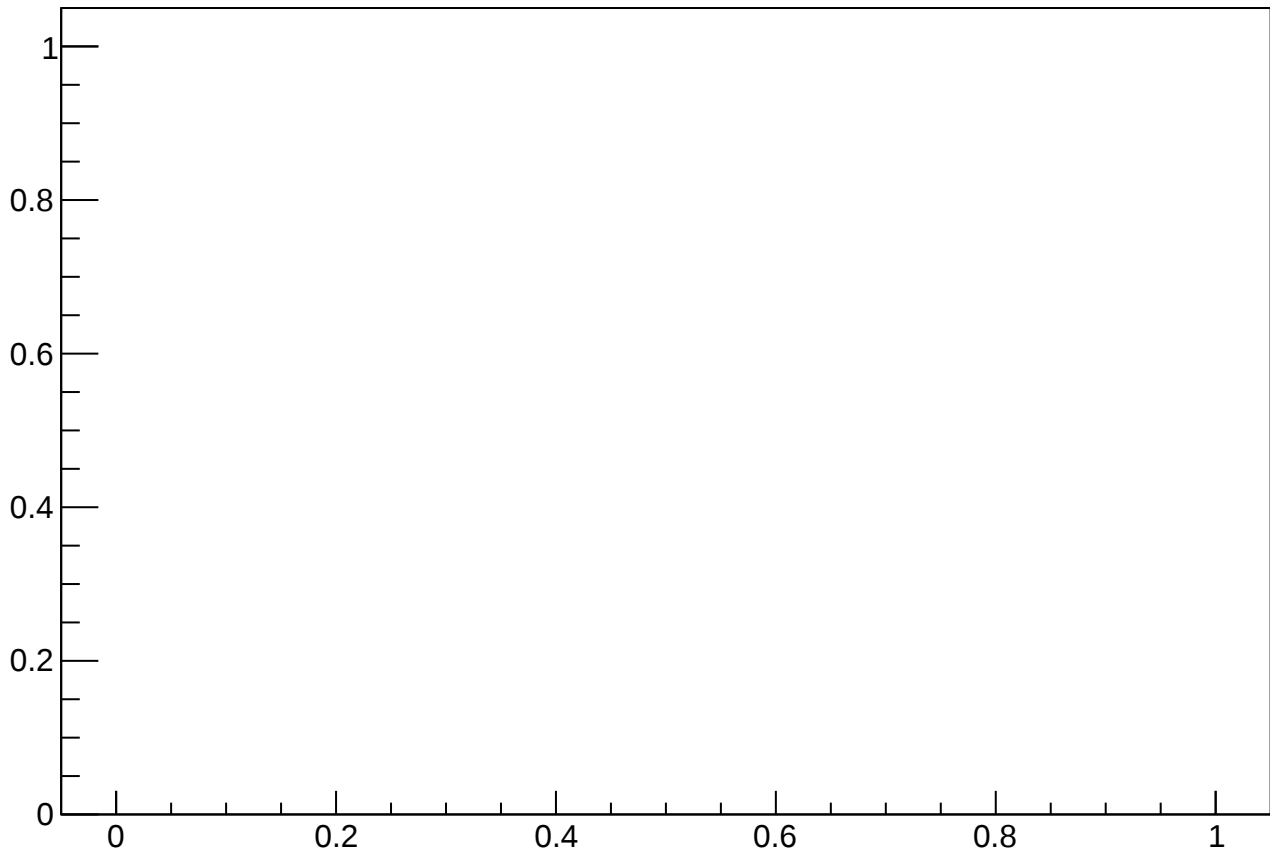
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

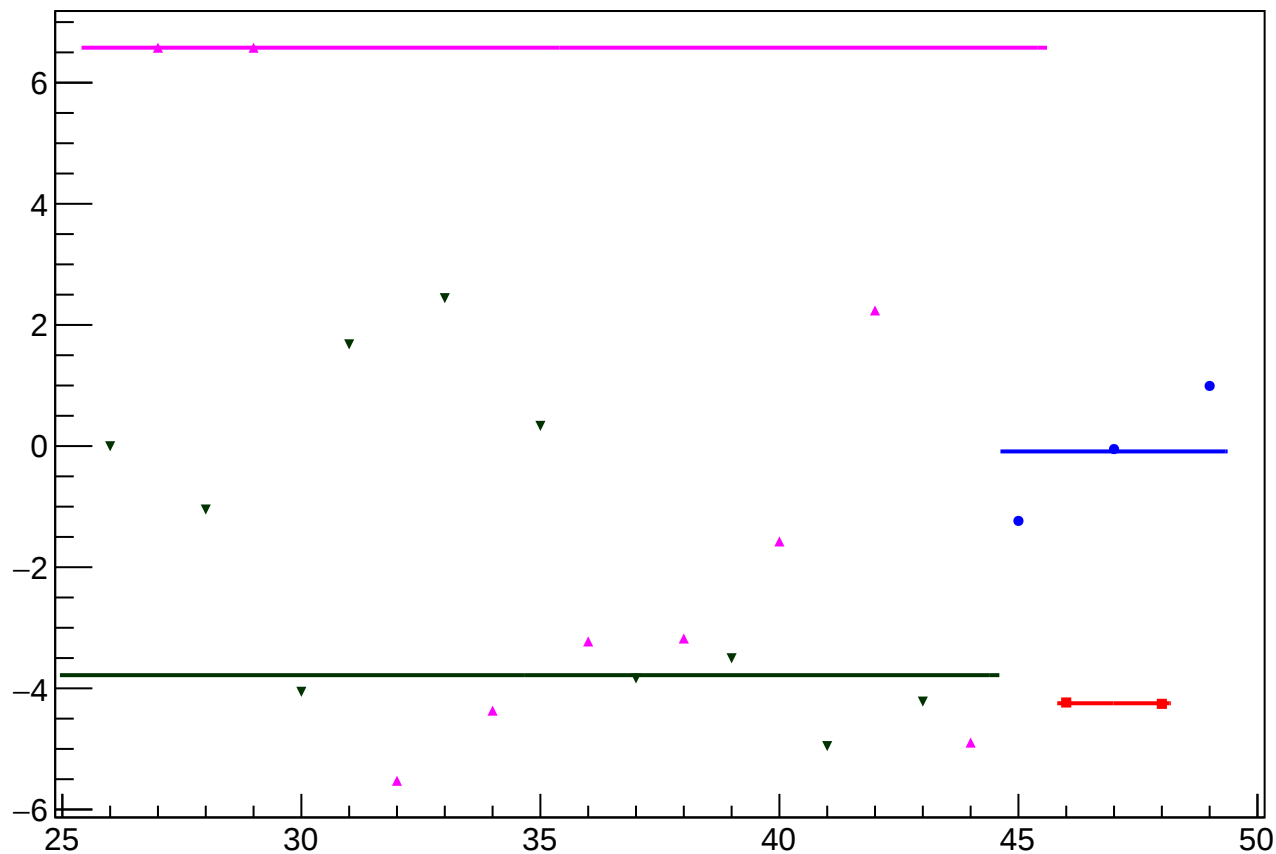
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -0.088 ± 0.002 χ^2/NDF : 278353.8/2

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

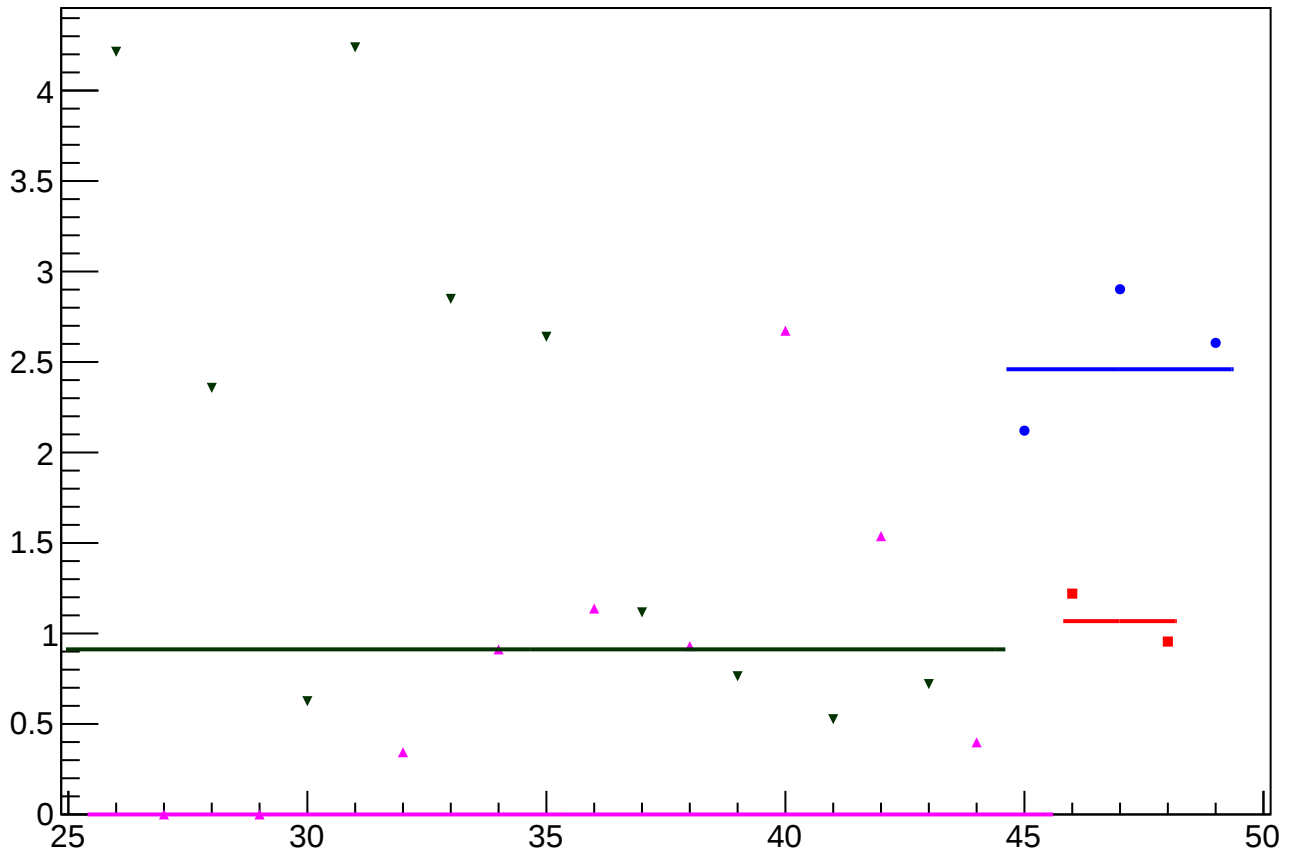
Right Out: -4.246 ± 0.002 χ^2/NDF : 53.8/1

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

-3.423 ± 0.001 χ^2/NDF : 9261369.6/12

6.578 ± 0.000 χ^2/NDF : 874617751.6/10

yield_cav4bX_rms vs slug



Right In: 2.460 ± 0.001 $\chi^2/\text{NDF}: 48226.1/2$

Left Out: 0.912 ± 0.000 $\chi^2/\text{NDF}: 2500224.2/9$

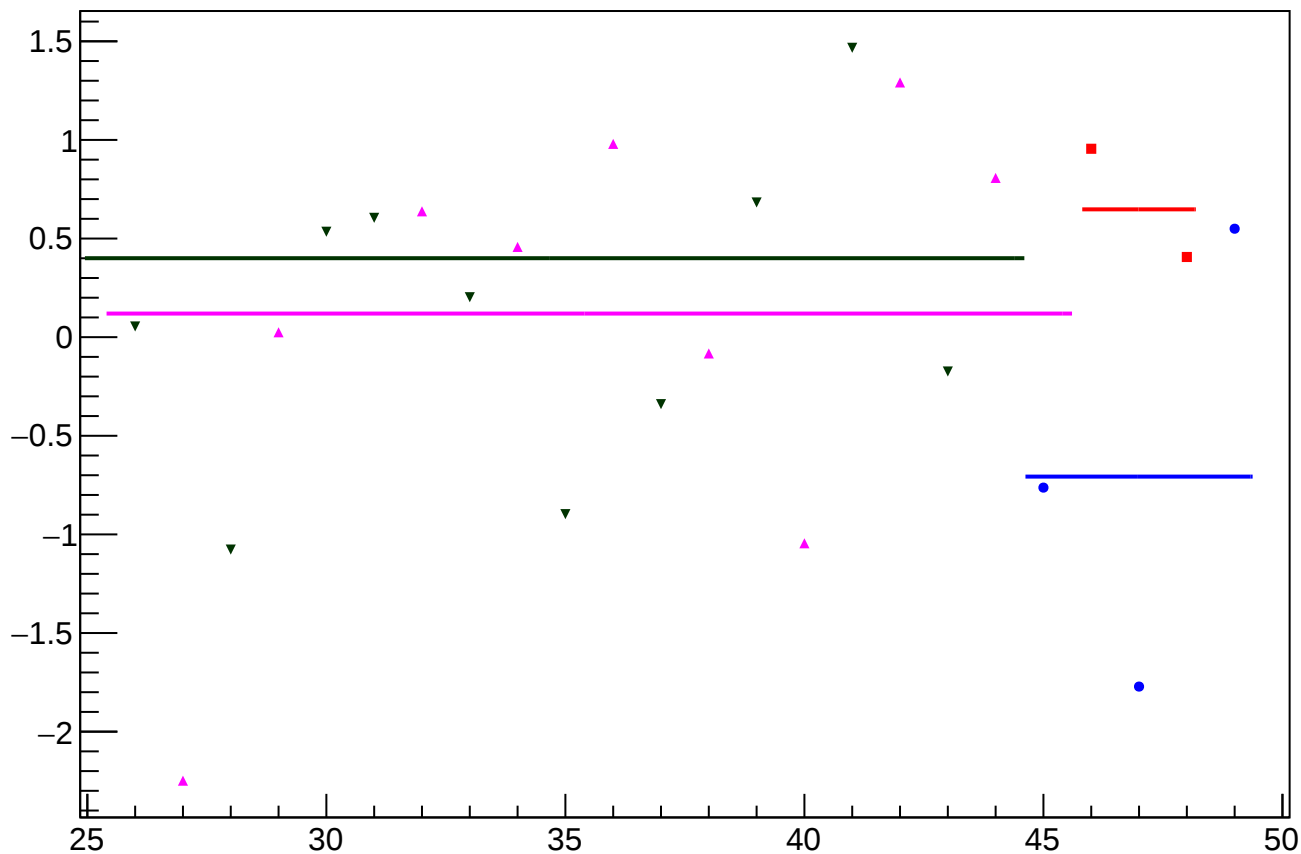
Right Out: 1.068 ± 0.001 $\chi^2/\text{NDF}: 15182.6/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 4639772.6/8$

1.063 ± 0.000 $\chi^2/\text{NDF}: 3718294.5/12$

0.000 ± 0.000 $\chi^2/\text{NDF}: 5664001.0/10$

yield_cav4bY_mean vs slug



Right In: -0.707 ± 0.001 $\chi^2/\text{NDF}: 1255473.8/2$

Left Out: 0.400 ± 0.000 $\chi^2/\text{NDF}: 6822365.2/9$

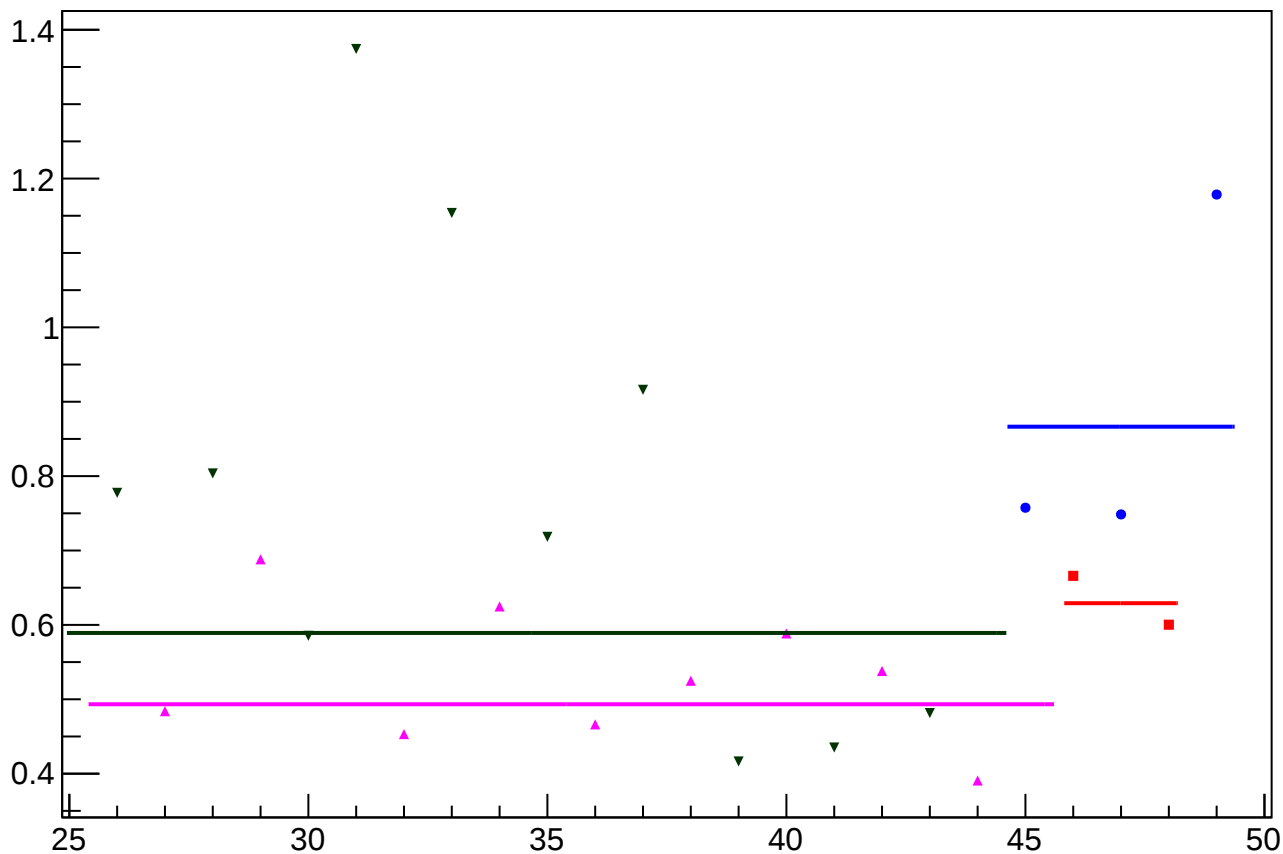
Right Out: 0.648 ± 0.001 $\chi^2/\text{NDF}: 122723.4/1$

Left In: 0.120 ± 0.000 $\chi^2/\text{NDF}: 20095384.6/8$

0.237 ± 0.000 $\chi^2/\text{NDF}: 9833020.7/12$

0.170 ± 0.000 $\chi^2/\text{NDF}: 20636132.5/10$

yield_cav4bY_rms vs slug



Right In: 0.866 $\pm$ 0.001 χ^2/NDF : 117915.2/2

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

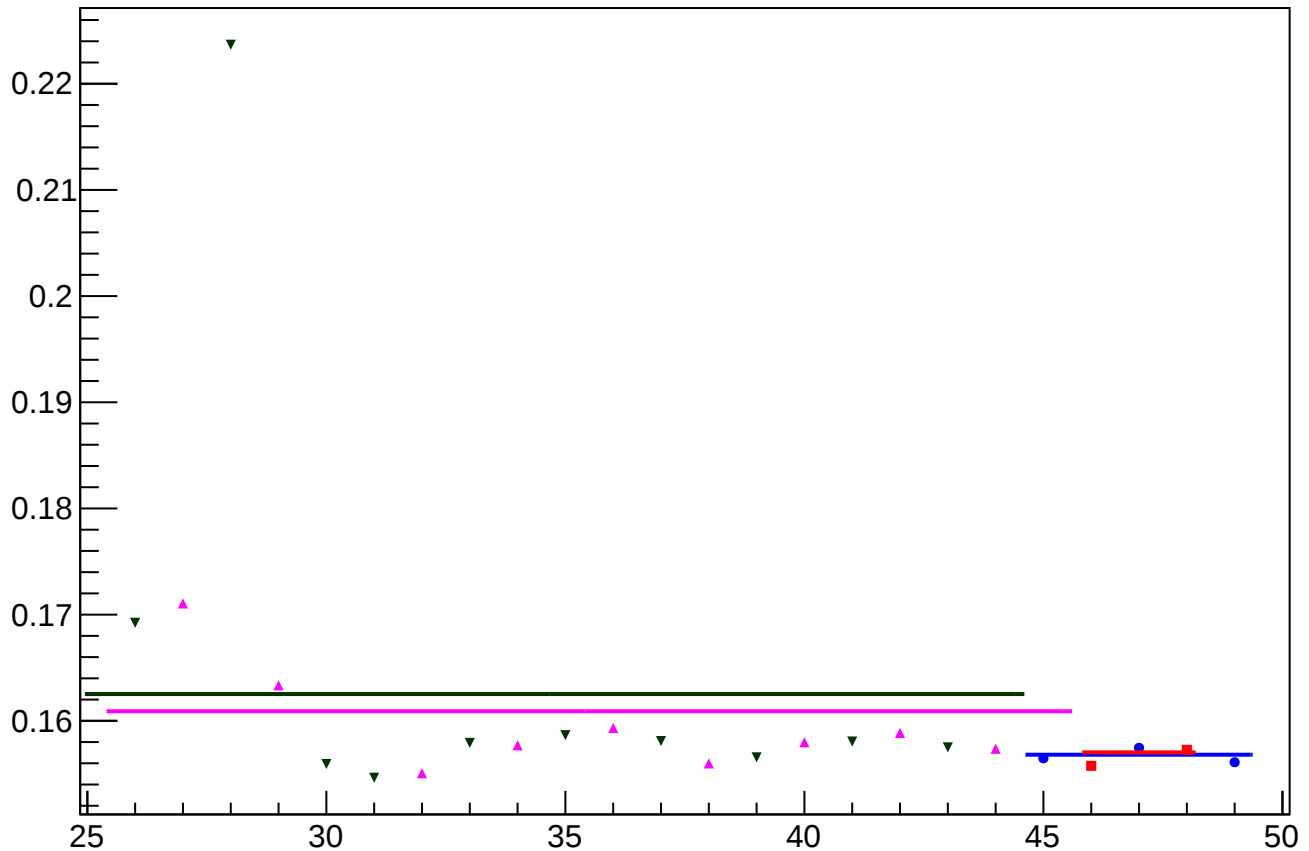
Right Out: 0.629 $\pm$ 0.001 χ^2/NDF : 3516.6/1

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

0.630 $\pm$ 0.000 χ^2/NDF : 1230117.6/12

0.506 $\pm$ 0.000 χ^2/NDF : 273915.3/10

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 66756.0/2

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

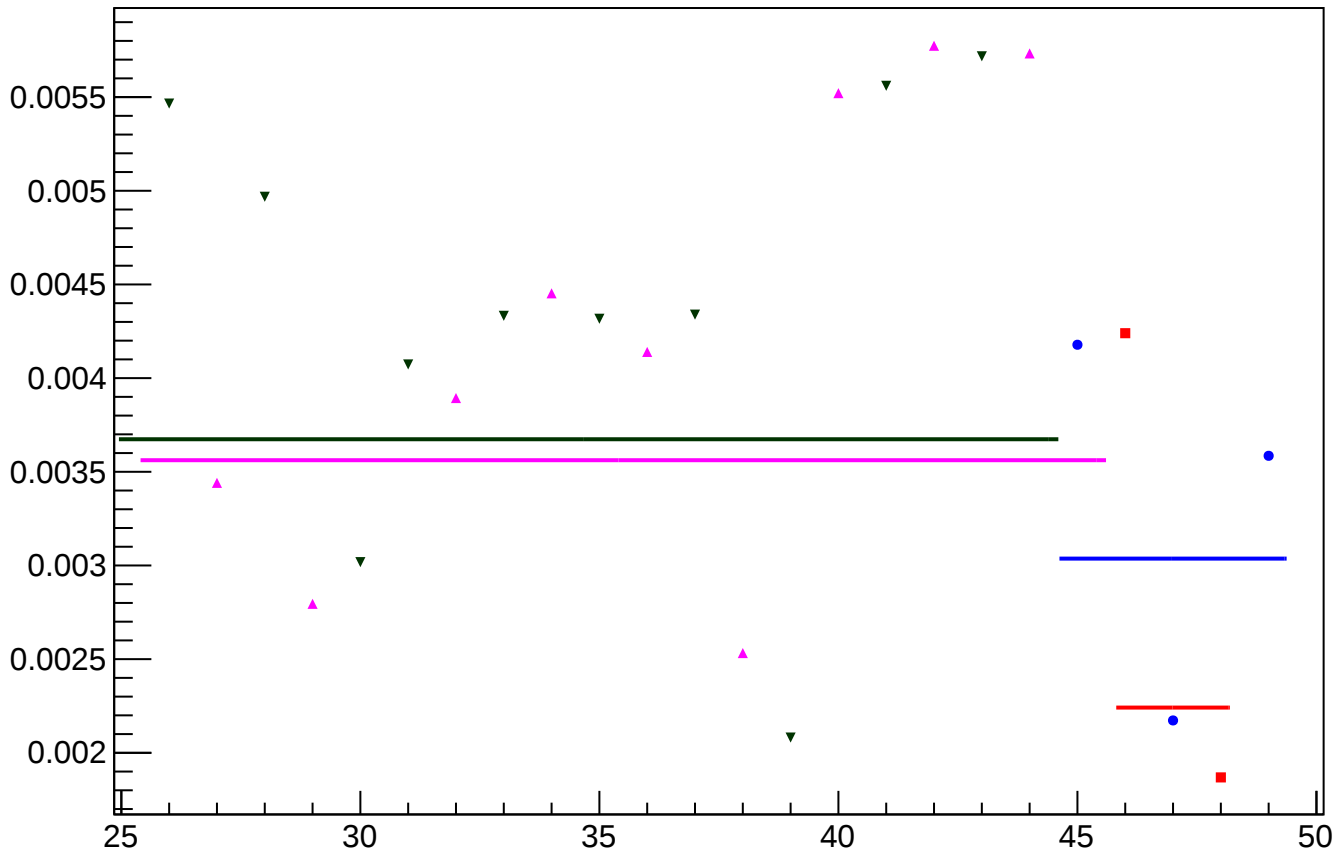
0.161+/-0.000 χ^2/NDF : 105572812.6/12

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

0.160+/-0.000 χ^2/NDF : 13206441.6/10

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

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 241503.9/2

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

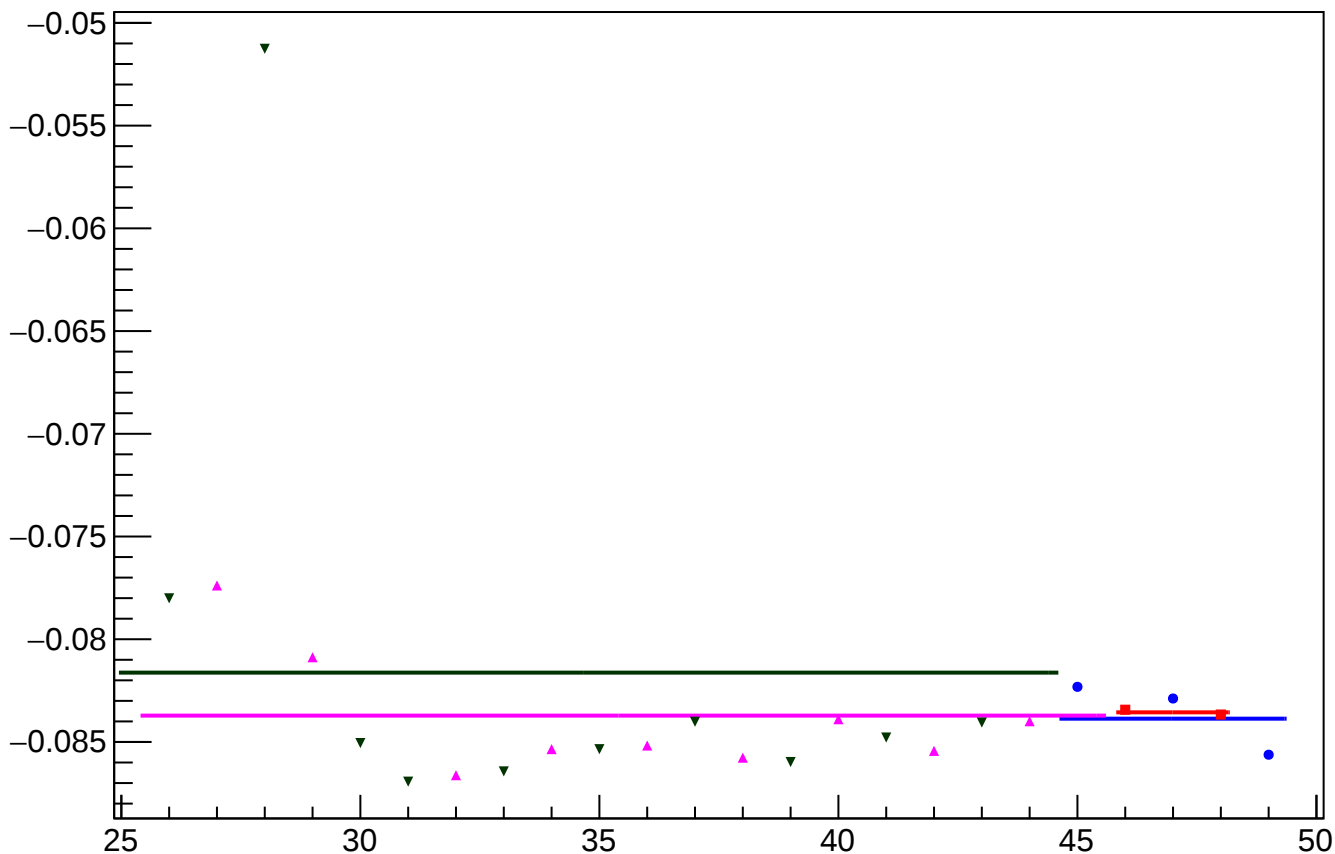
0.003+/-0.000 χ^2/NDF : 1374333.6/12

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

0.003+/-0.000 χ^2/NDF : 1301062.5/10

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

yield_cav4cY_mean vs slug



Right In: -0.084 ± 0.000 χ^2/NDF : 261315.5/2

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

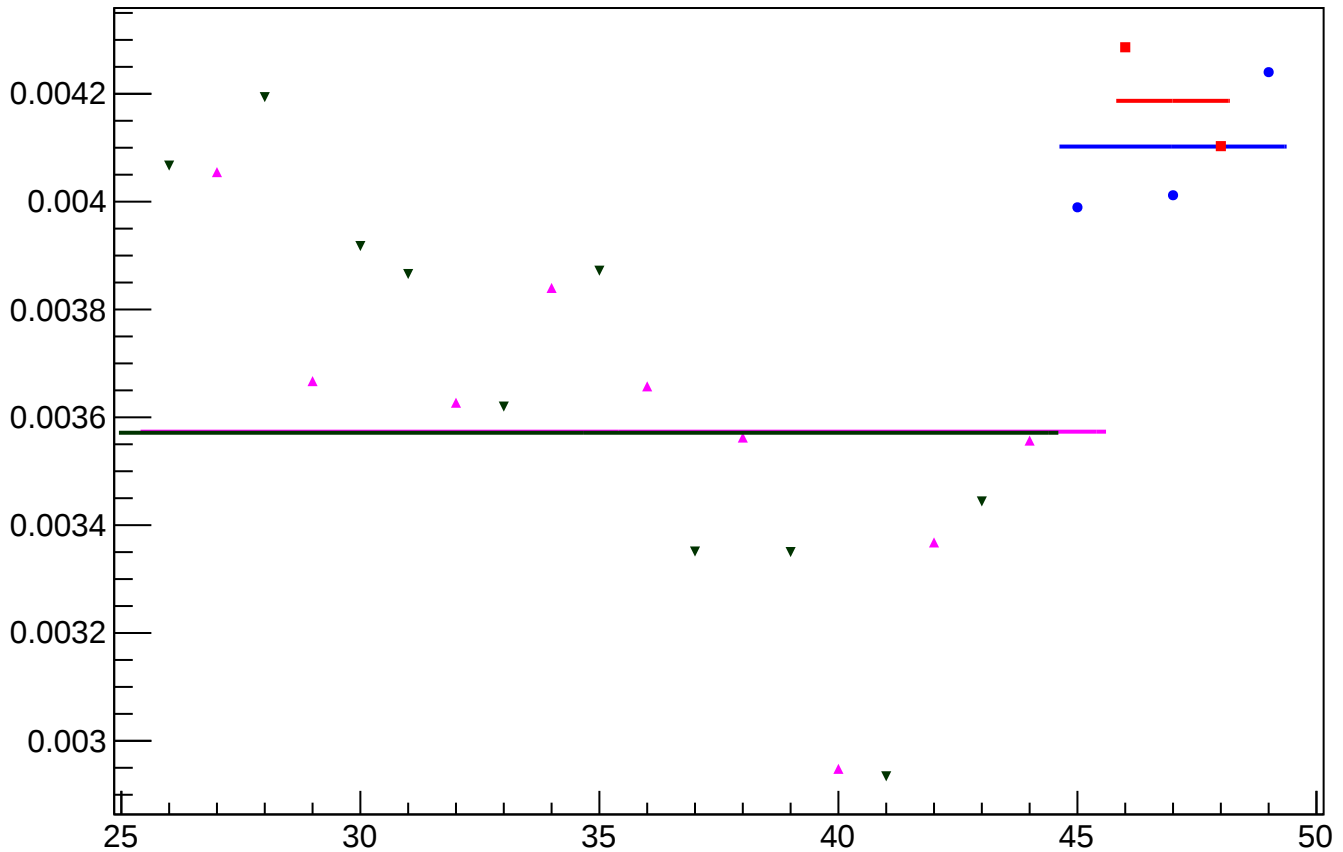
Right Out: -0.084 ± 0.000 χ^2/NDF : 645.0/1

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

-0.082 ± 0.000 χ^2/NDF : 36603725.7/12

-0.084 ± 0.000 χ^2/NDF : 3522141.9/10

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 3186.4/2

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

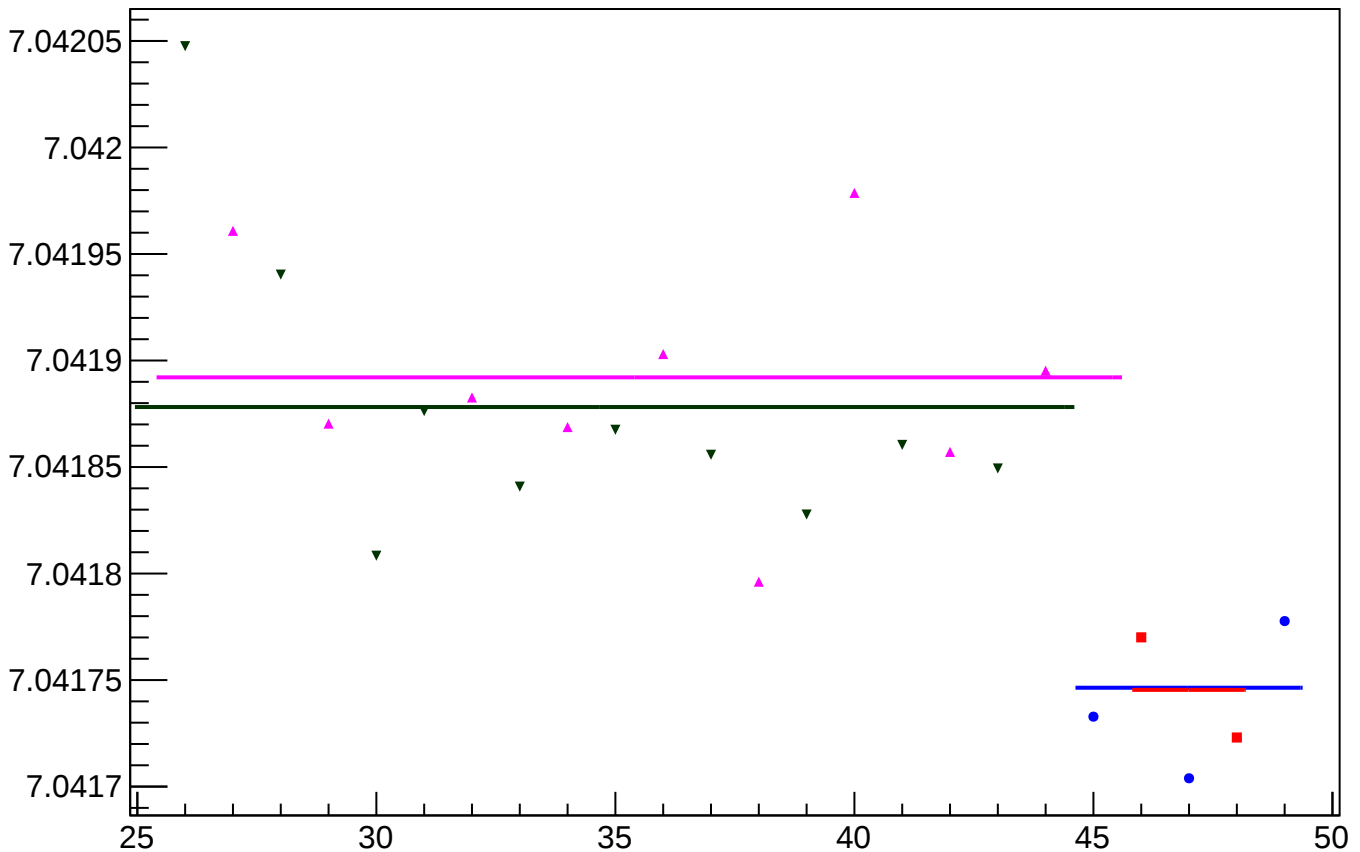
0.004+/-0.000 χ^2/NDF : 173684.3/12

Right Out: 0.004+/-0.000 χ^2/NDF : 787.1/1

0.004+/-0.000 χ^2/NDF : 110282.6/10

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

yield_cav4dX_mean vs slug



Right In: 7.042+/-0.000 χ^2/NDF : 65500.5/2

Left Out: 7.042+/-0.000 χ^2/NDF : 814684.7/9

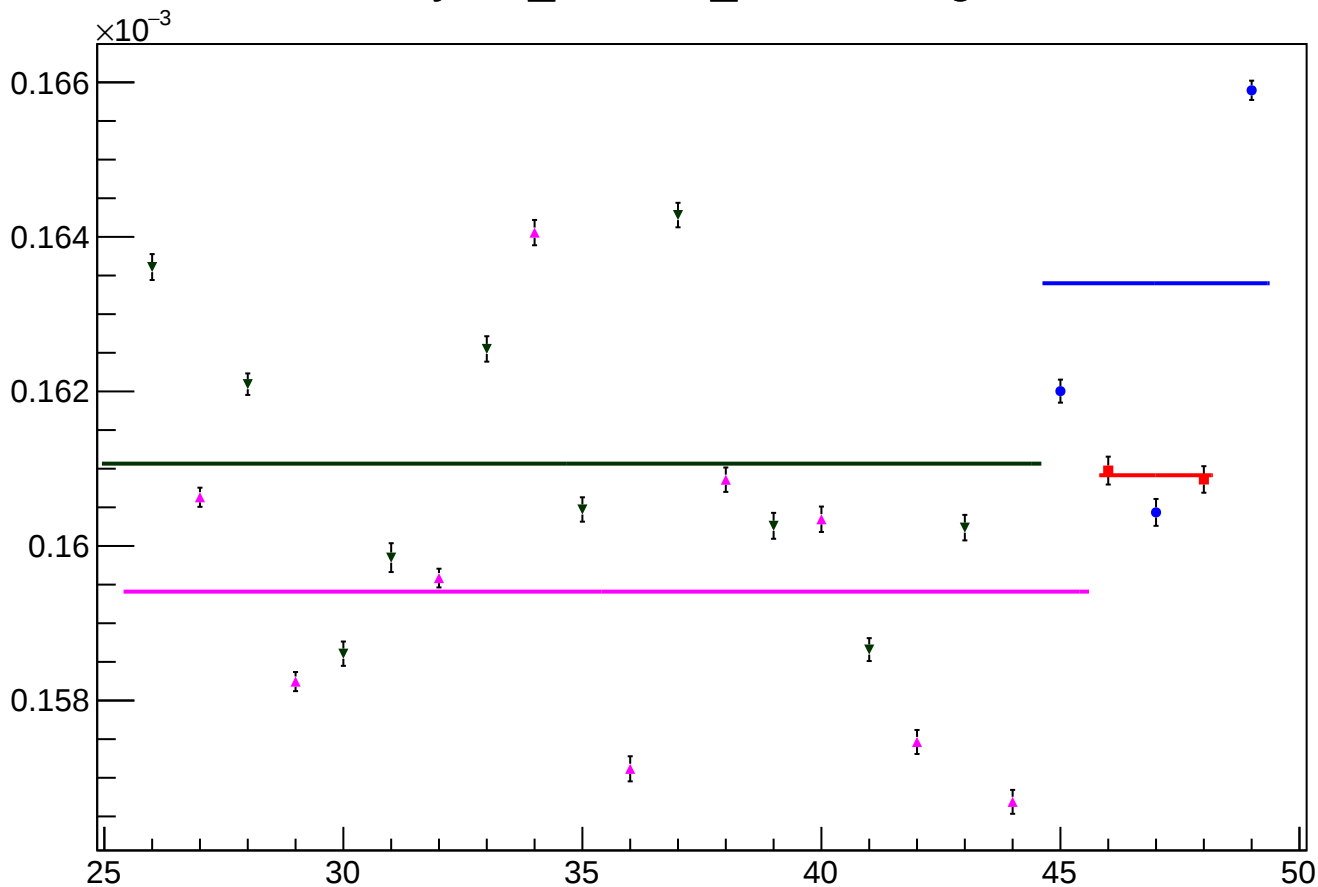
Right Out: 7.042+/-0.000 χ^2/NDF : 17829.7/1

Left In: 7.042+/-0.000 χ^2/NDF : 534073.6/8

7.042+/-0.000 χ^2/NDF : 1786286.1/12

7.042+/-0.000 χ^2/NDF : 1157787.0/10

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 779.6/2

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

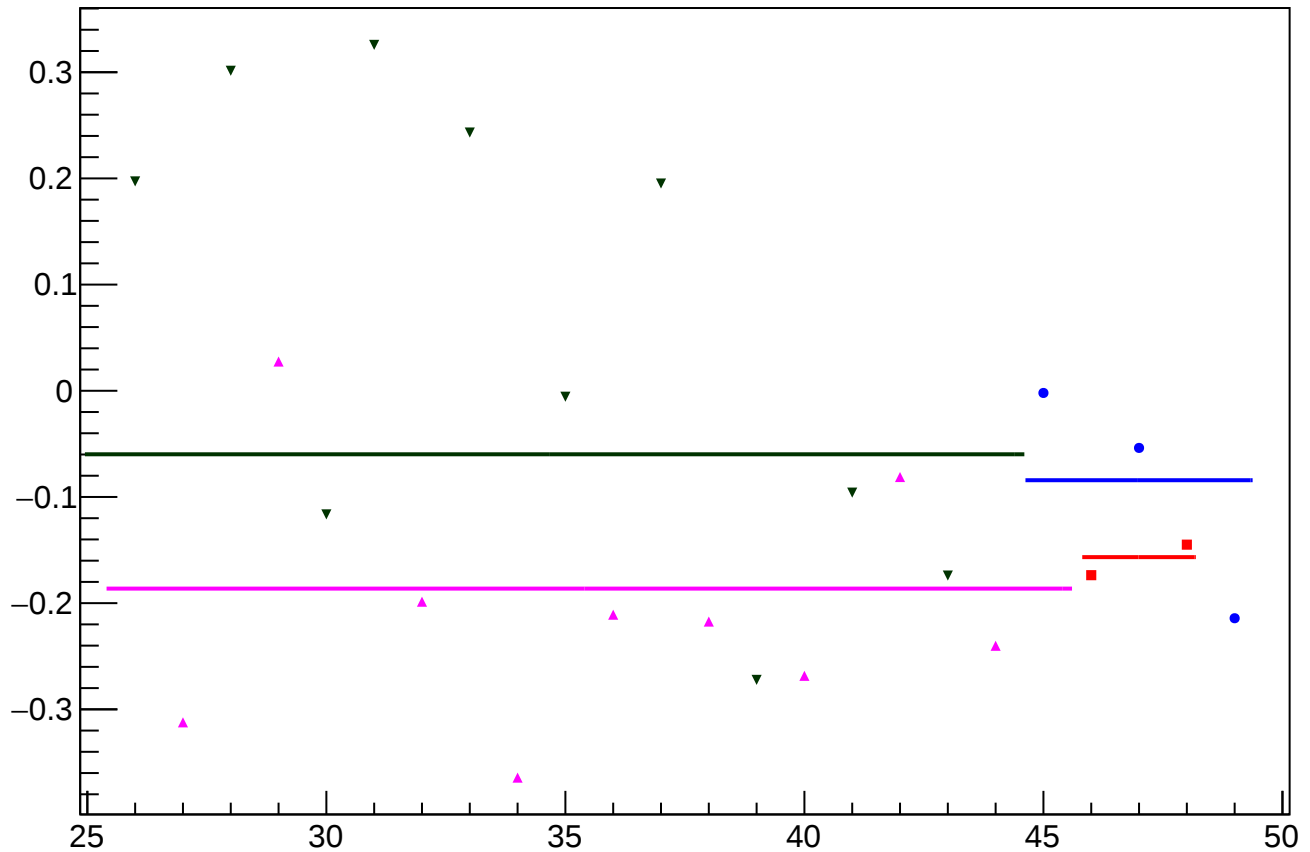
Right Out: 0.000+/-0.000 χ^2/NDF : 0.2/1

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

0.000+/-0.000 χ^2/NDF : 2740.0/12

0.000+/-0.000 χ^2/NDF : 1903.0/10

yield_cav4dY_mean vs slug



Right In: -0.084+/-0.000 χ^2/NDF : 809085.8/2

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

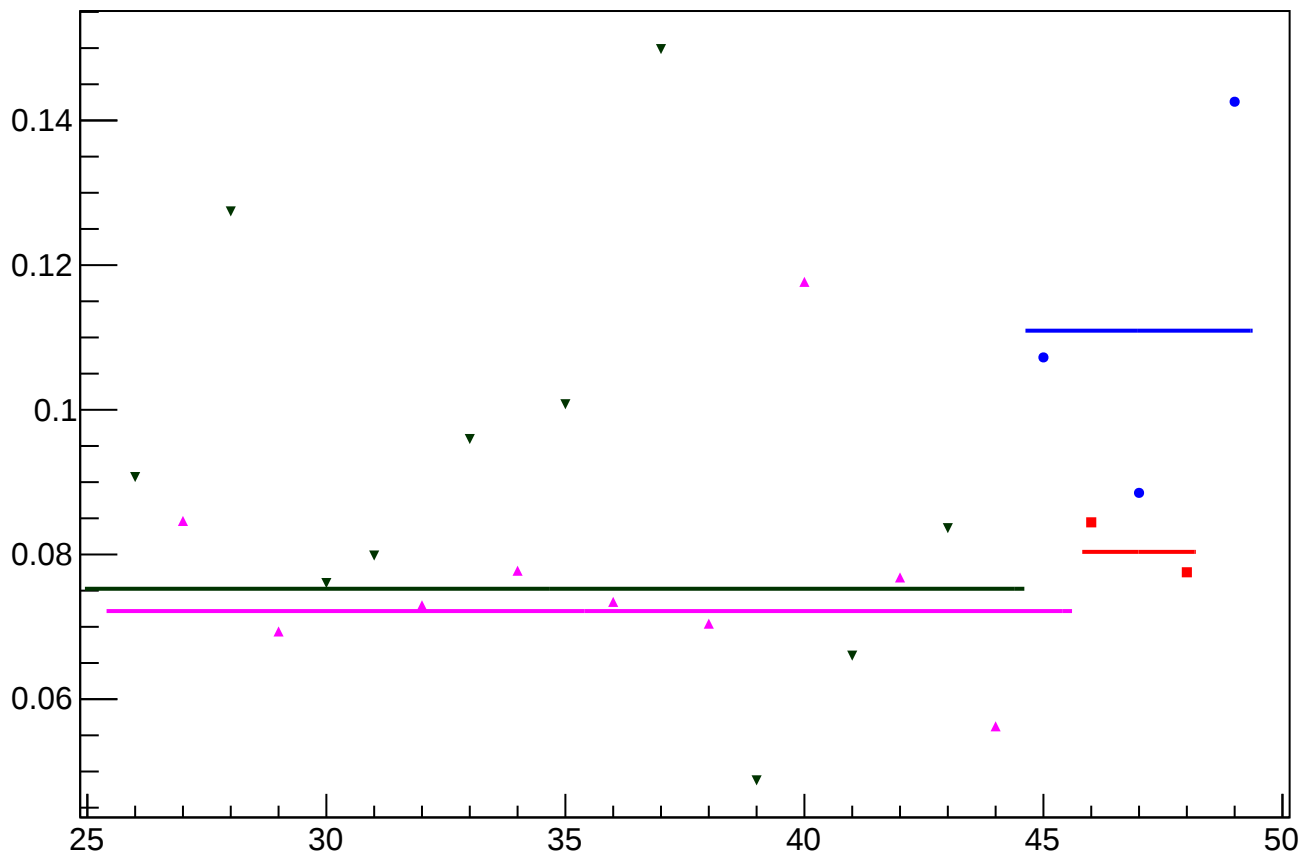
-0.064+/-0.000 χ^2/NDF : 20362916.7/12

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: 0.111+/-0.000 χ^2/NDF : 103050.9/2

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

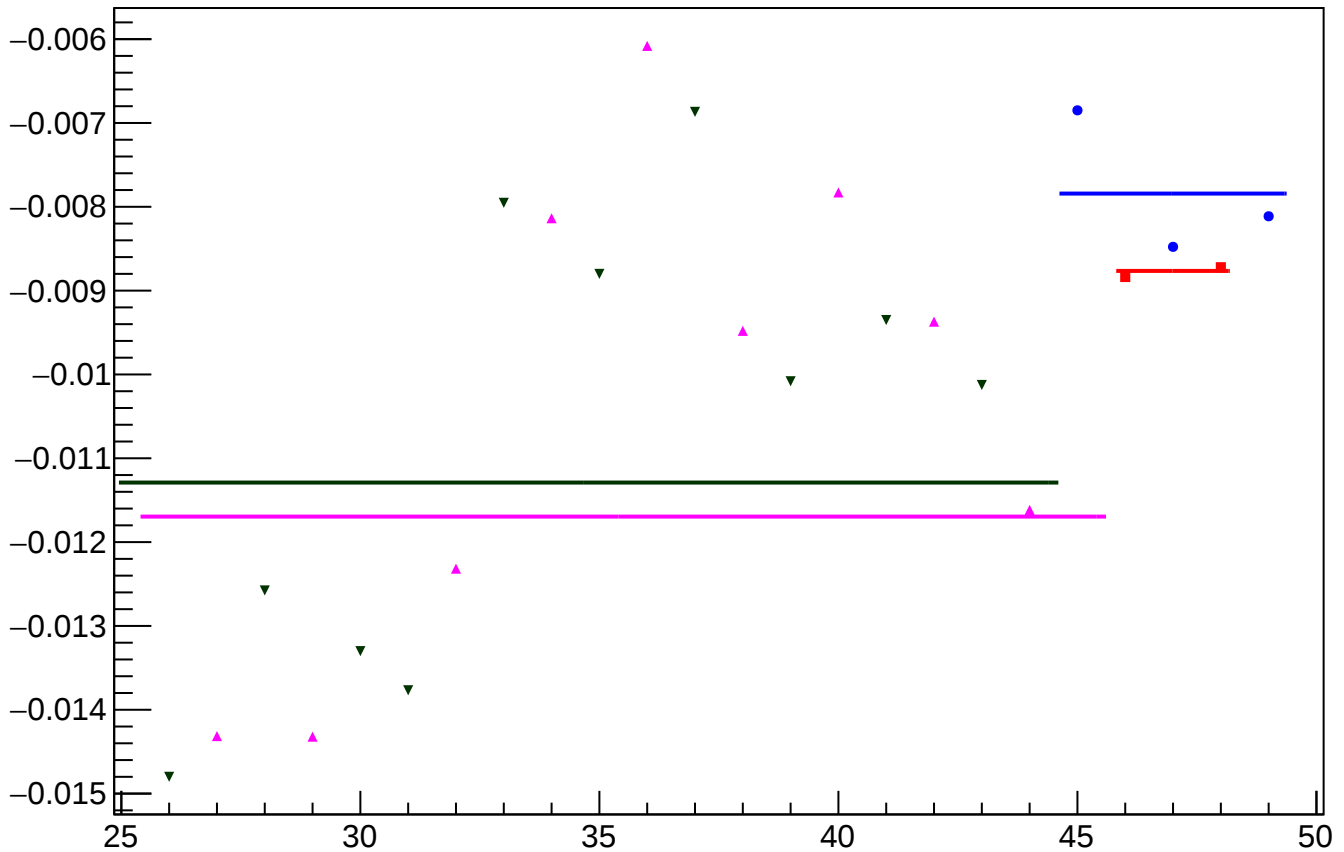
Right Out: 0.080+/-0.000 χ^2/NDF : 1893.6/1

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

0.082+/-0.000 χ^2/NDF : 905110.4/12

0.073+/-0.000 χ^2/NDF : 205956.4/10

yield_bpm4aX_mean vs slug



Right In: -0.008+/-0.000 χ^2 /NDF: 9160.8/2

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

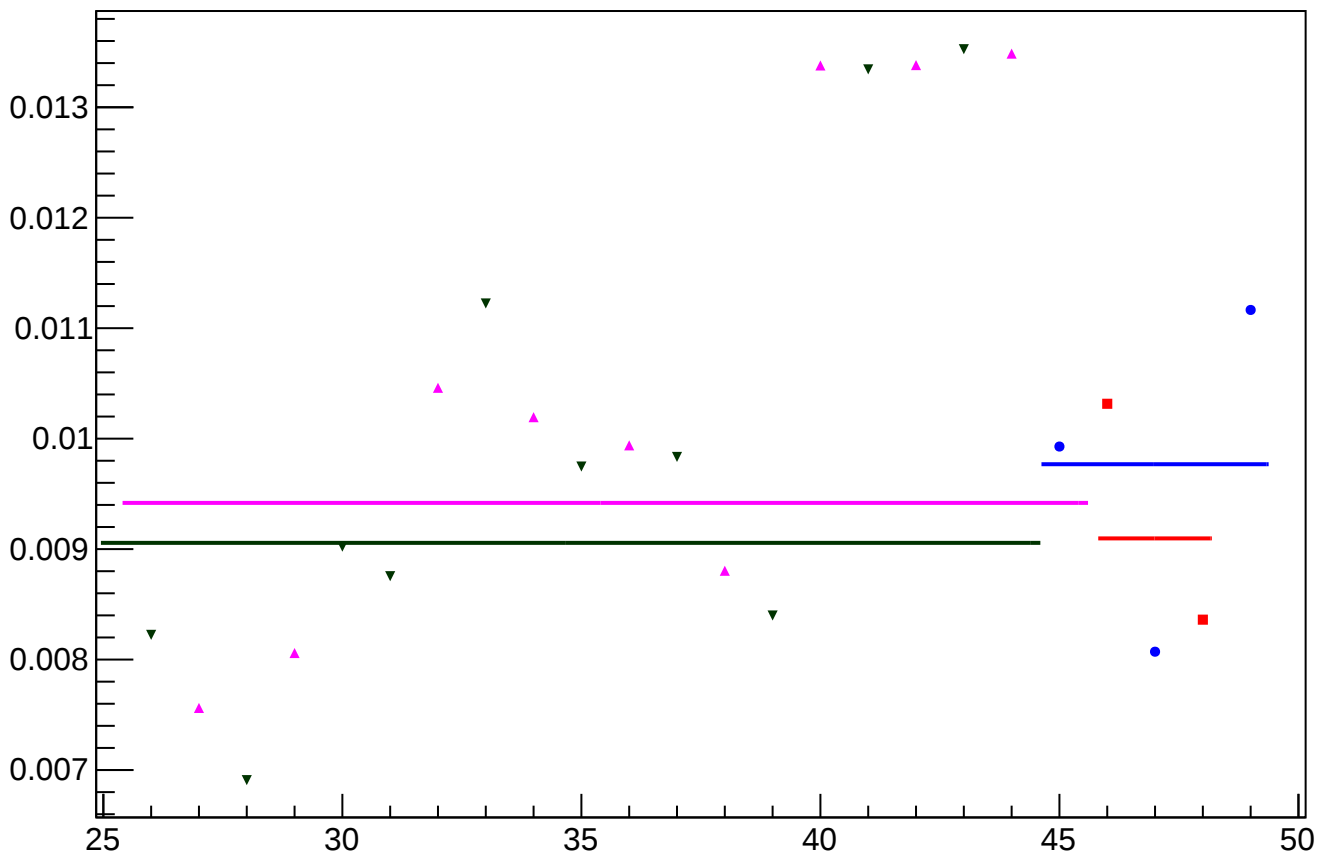
-0.010+/-0.000 χ^2 /NDF: 564049.6/12

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

-0.011+/-0.000 χ^2 /NDF: 566576.8/10

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

yield_bpm4aX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 65647.9/2

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

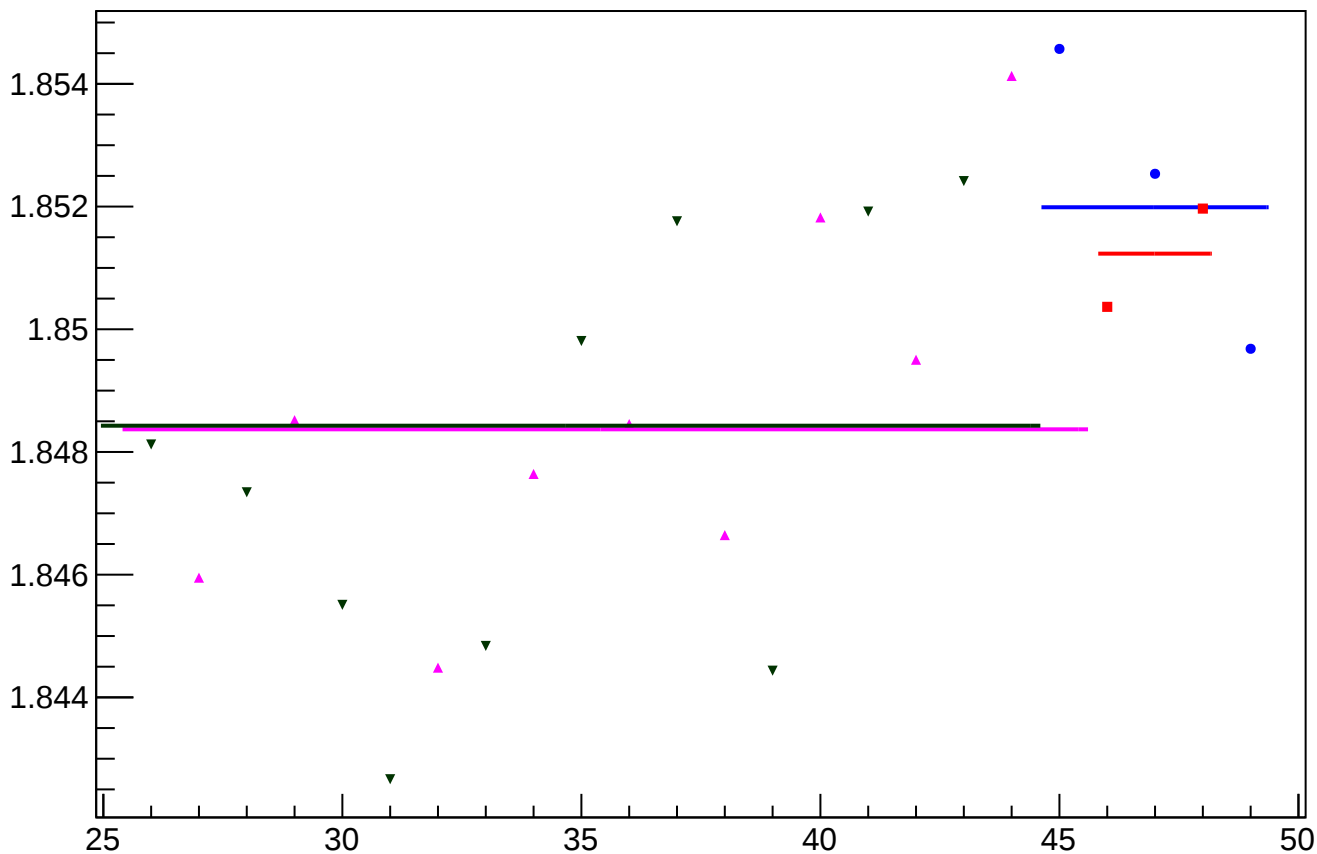
Right Out: 0.009+/-0.000 χ^2/NDF : 17845.6/1

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

0.009+/-0.000 χ^2/NDF : 496828.1/12

0.009+/-0.000 χ^2/NDF : 467725.3/10

yield_bpm4aY_mean vs slug



Right In: 1.852+/-0.000 χ^2/NDF : 33530.1/2

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

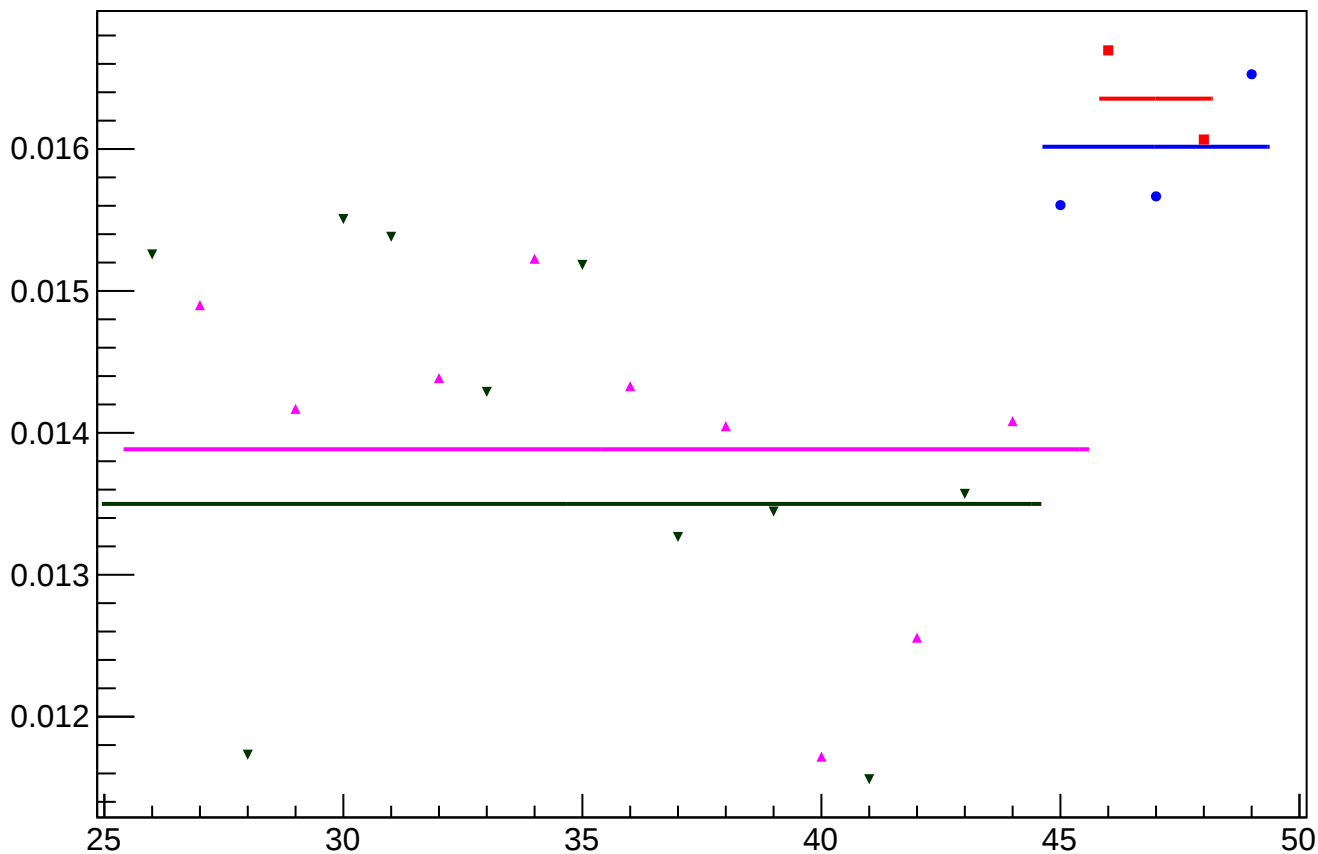
Right Out: 1.851+/-0.000 χ^2/NDF : 1961.0/1

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

1.849+/-0.000 χ^2/NDF : 378517.8/12

1.849+/-0.000 χ^2/NDF : 251079.4/10

yield_bpm4aY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 2885.8/2

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

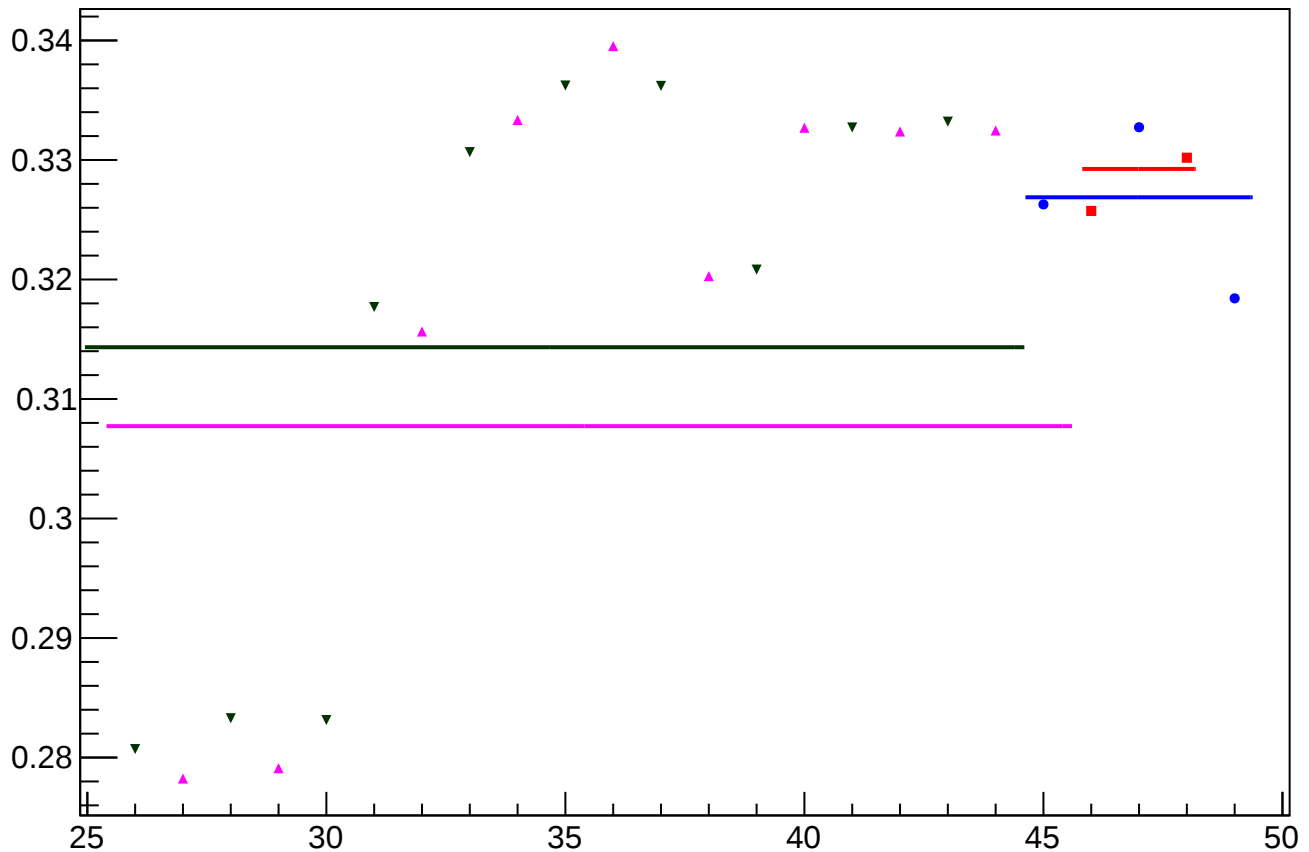
Right Out: 0.016+/-0.000 χ^2/NDF : 604.0/1

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

0.014+/-0.000 χ^2/NDF : 190547.2/12

0.014+/-0.000 χ^2/NDF : 98385.3/10

yield_bpm4eX_mean vs slug



Right In: 0.327+/-0.000 χ^2/NDF : 160067.0/2

Left Out: 0.314+/-0.000 χ^2/NDF : 5131381.6/9

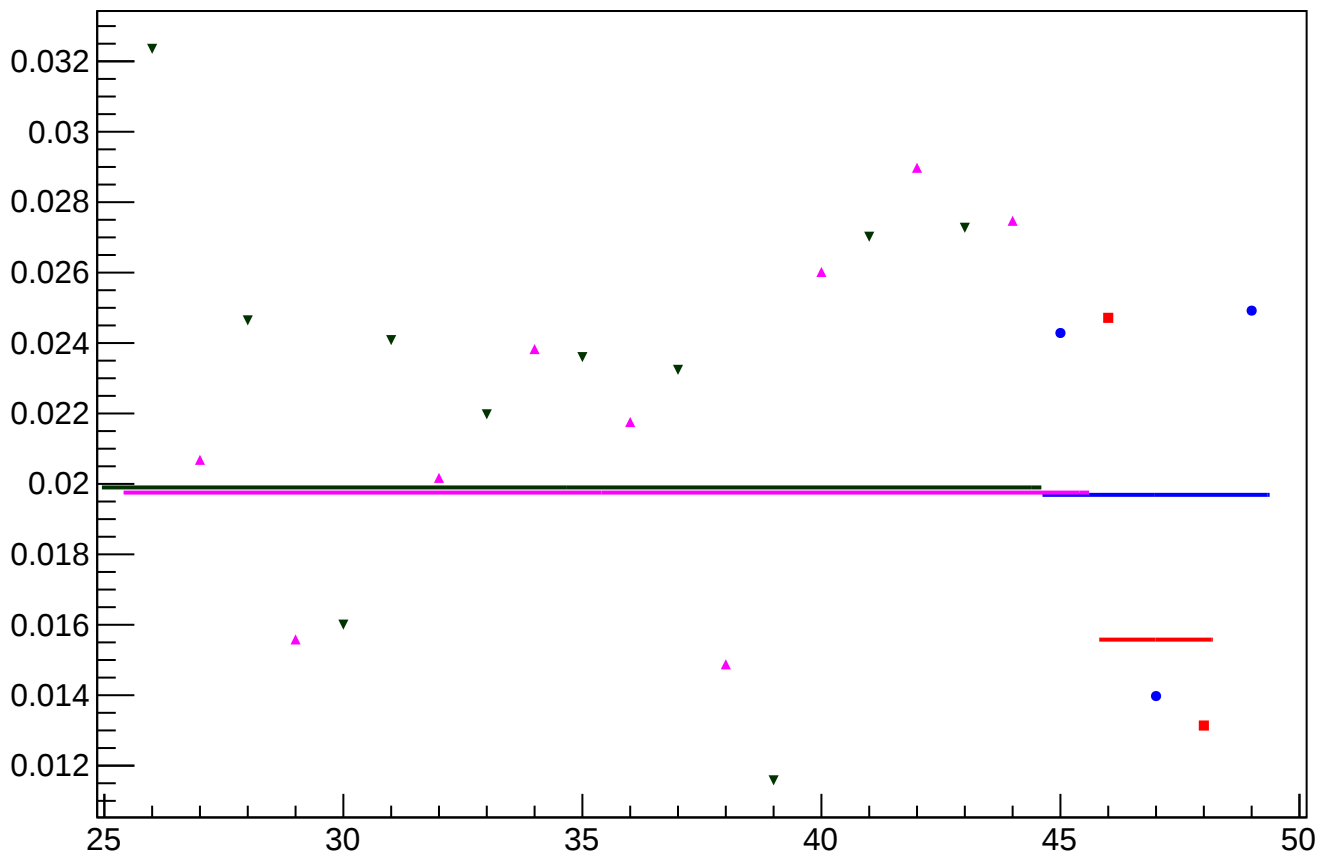
Right Out: 0.329+/-0.000 χ^2/NDF : 9555.5/1

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

0.318+/-0.000 χ^2/NDF : 5775368.8/12

0.312+/-0.000 χ^2/NDF : 8483790.6/10

yield_bpm4eX_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 239682.5/2

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

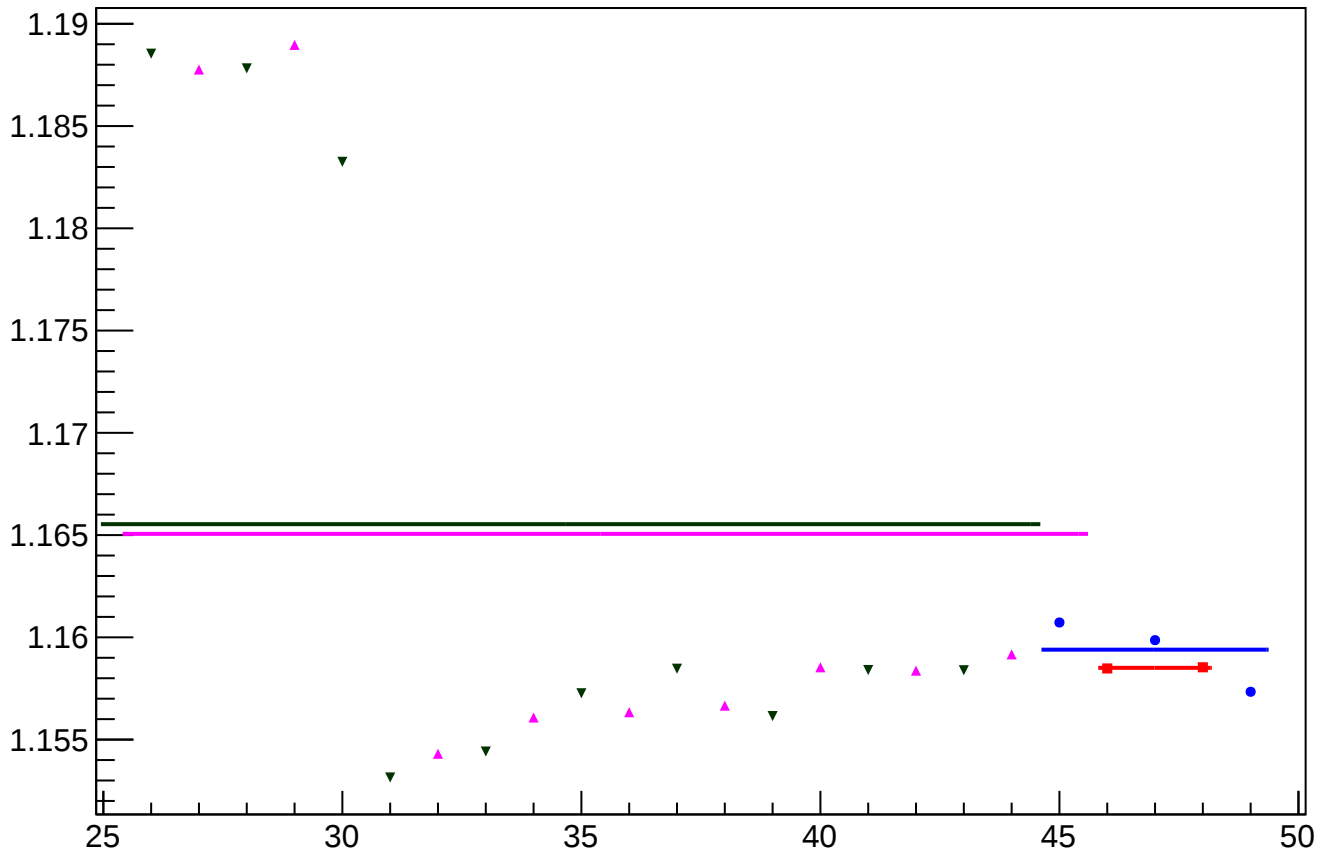
Right Out: 0.016+/-0.000 χ^2/NDF : 129229.4/1

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

0.020+/-0.000 χ^2/NDF : 1124627.5/12

0.019+/-0.000 χ^2/NDF : 692597.4/10

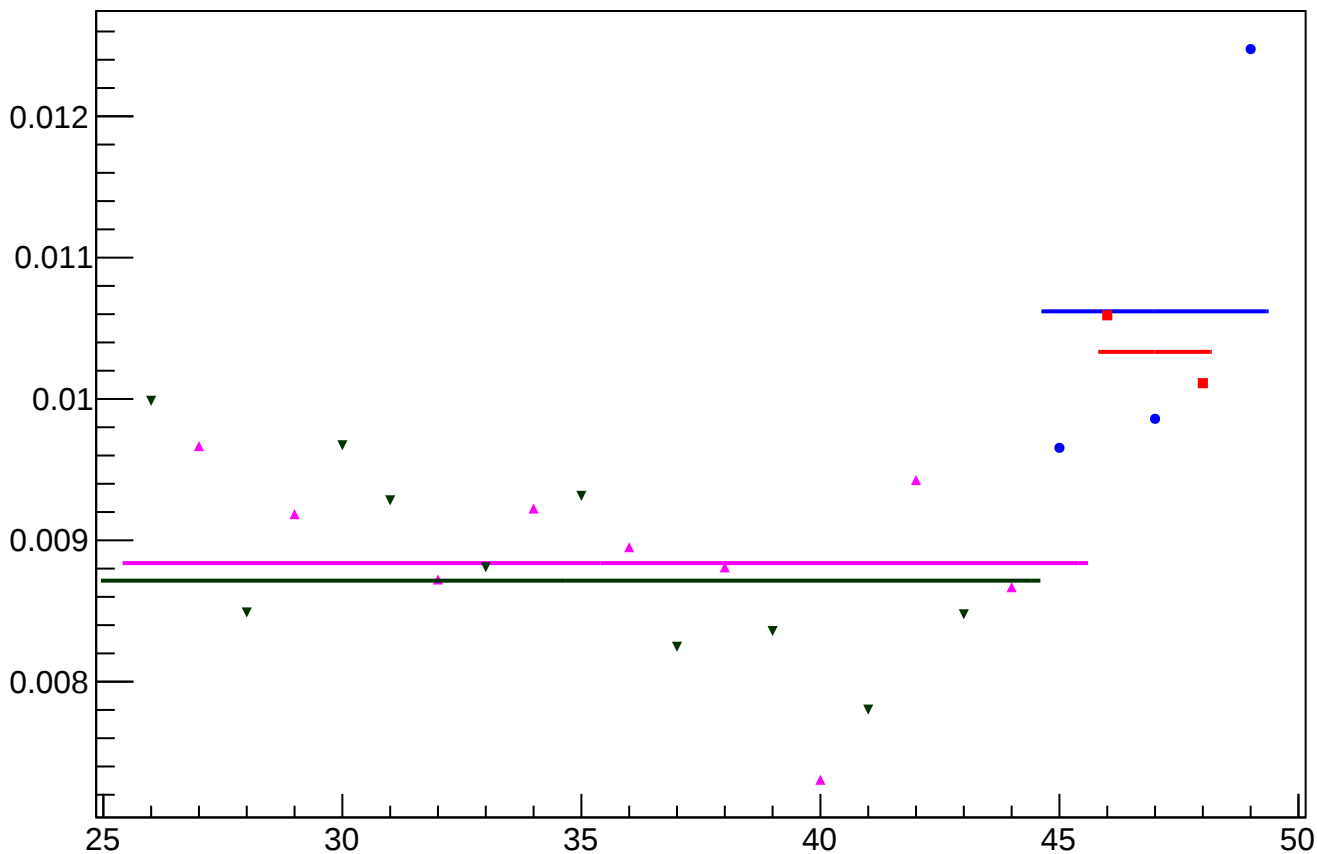
yield_bpm4eY_mean vs slug



1.164 ± 0.000 $\chi^2/\text{NDF}: 12541960.7/12$

1.164 ± 0.000 $\chi^2/\text{NDF}: 13650835.4/10$

yield_bpm4eY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 51960.5/2

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

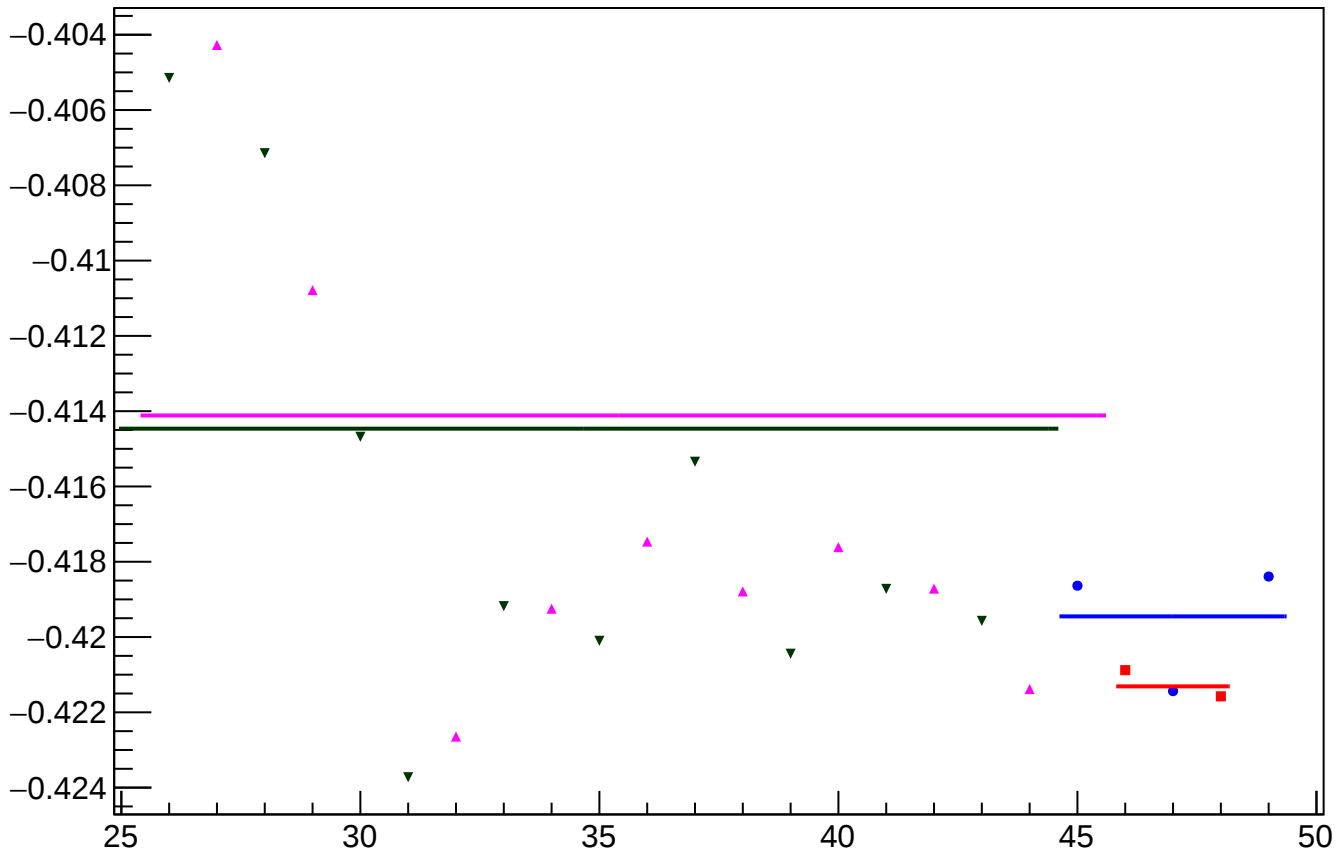
Right Out: 0.010+/-0.000 χ^2/NDF : 891.1/1

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

0.009+/-0.000 χ^2/NDF : 198161.6/12

0.009+/-0.000 χ^2/NDF : 95009.9/10

yield_bpm4acX_mean vs slug



Right In: -0.419+/-0.000 χ^2/NDF : 36573.3/2

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

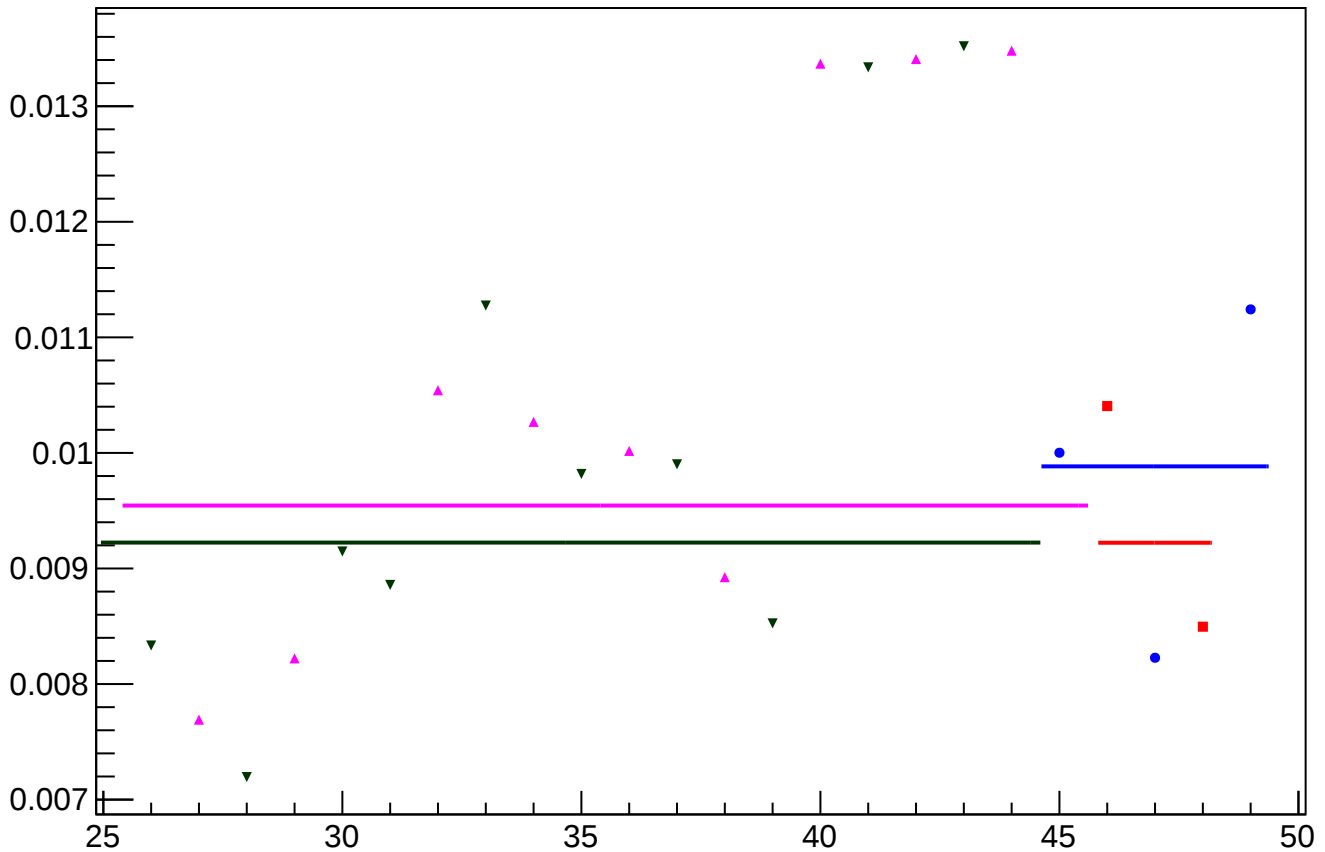
-0.416+/-0.000 χ^2/NDF : 2714075.5/12

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

-0.415+/-0.000 χ^2/NDF : 3083921.2/10

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

yield_bpm4acX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 60596.9/2

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

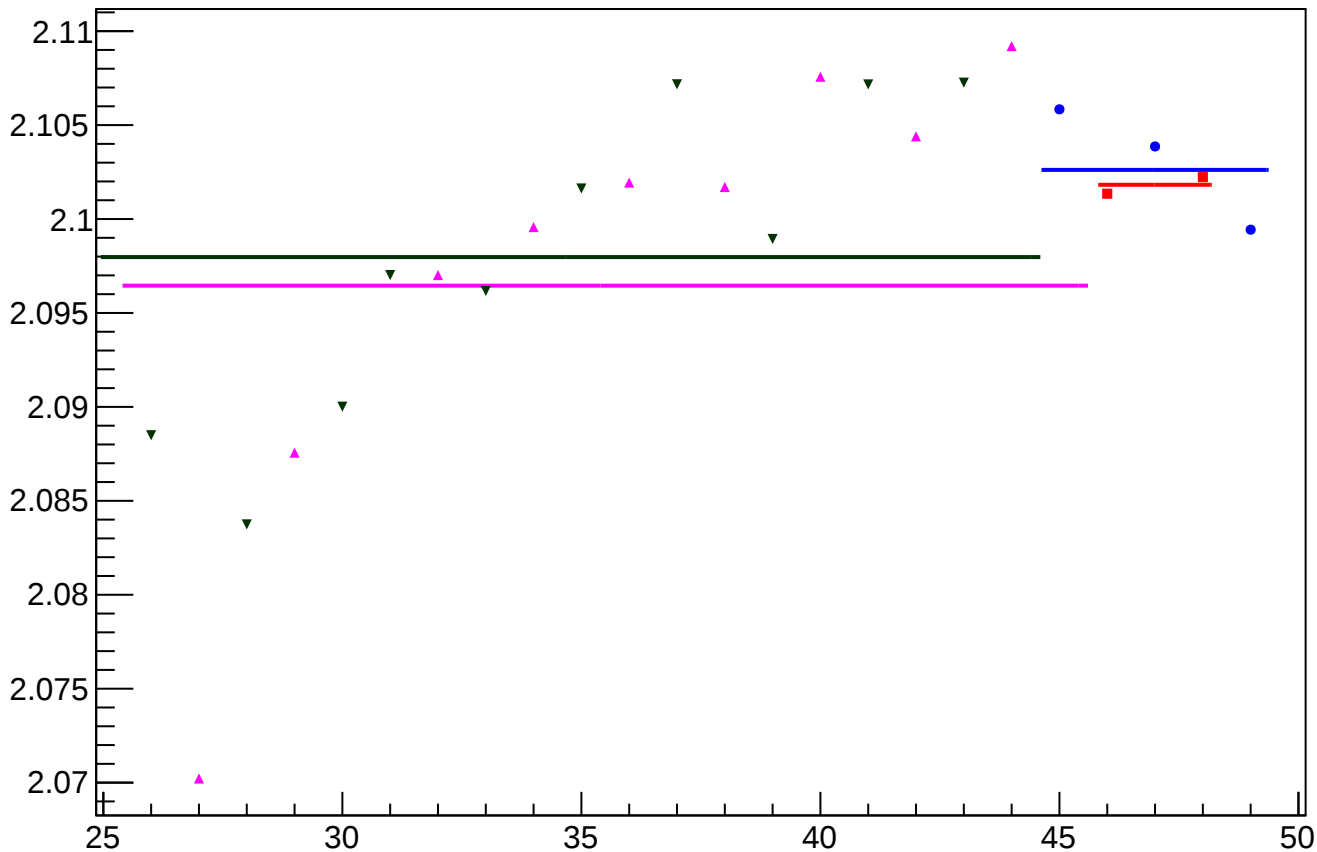
0.009+/-0.000 χ^2/NDF : 445239.9/12

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

0.009+/-0.000 χ^2/NDF : 439359.5/10

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

yield_bpm4acY_mean vs slug



Right In: 2.103+/-0.000 χ^2/NDF : 58733.2/2

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

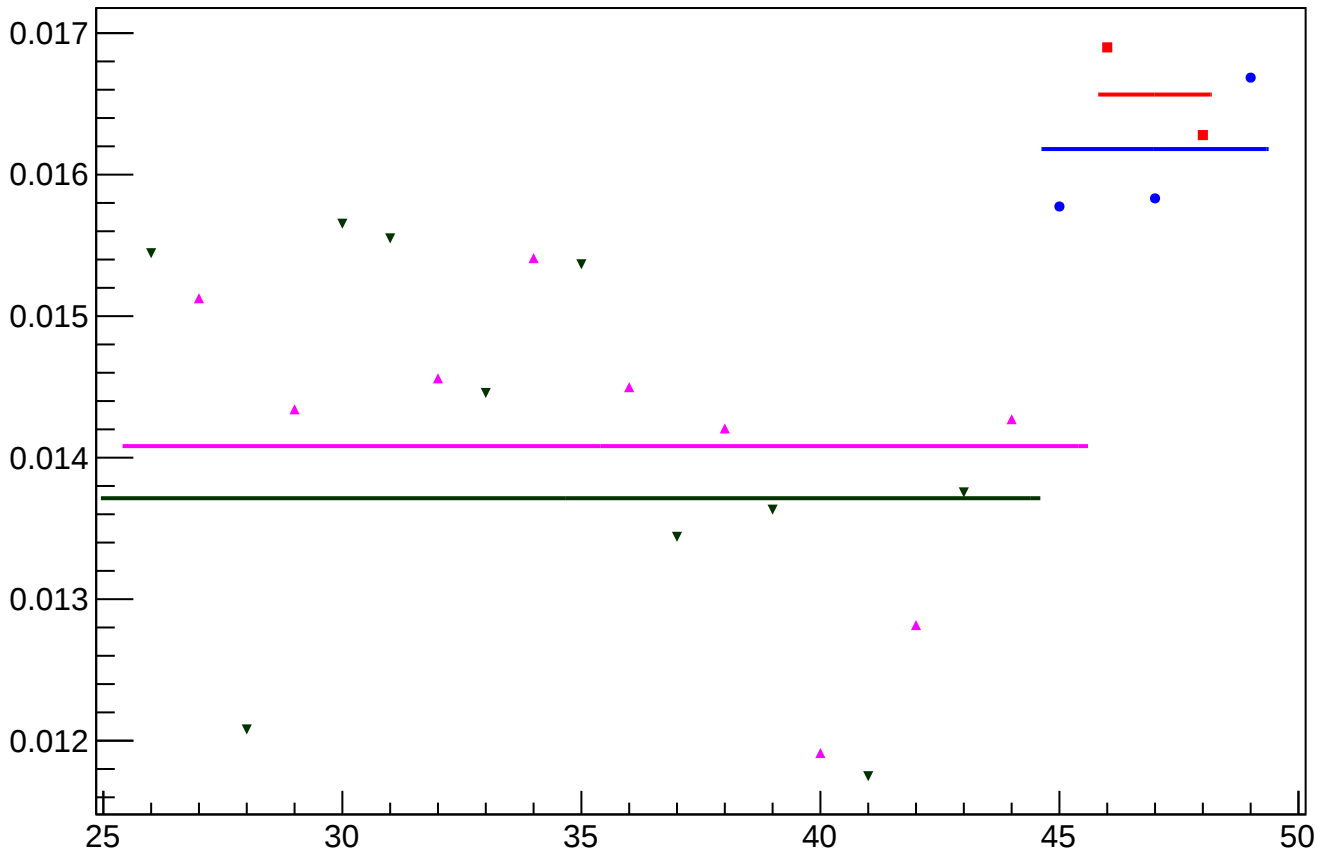
2.099+/-0.000 χ^2/NDF : 2153803.1/12

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 : 2766.6/2

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

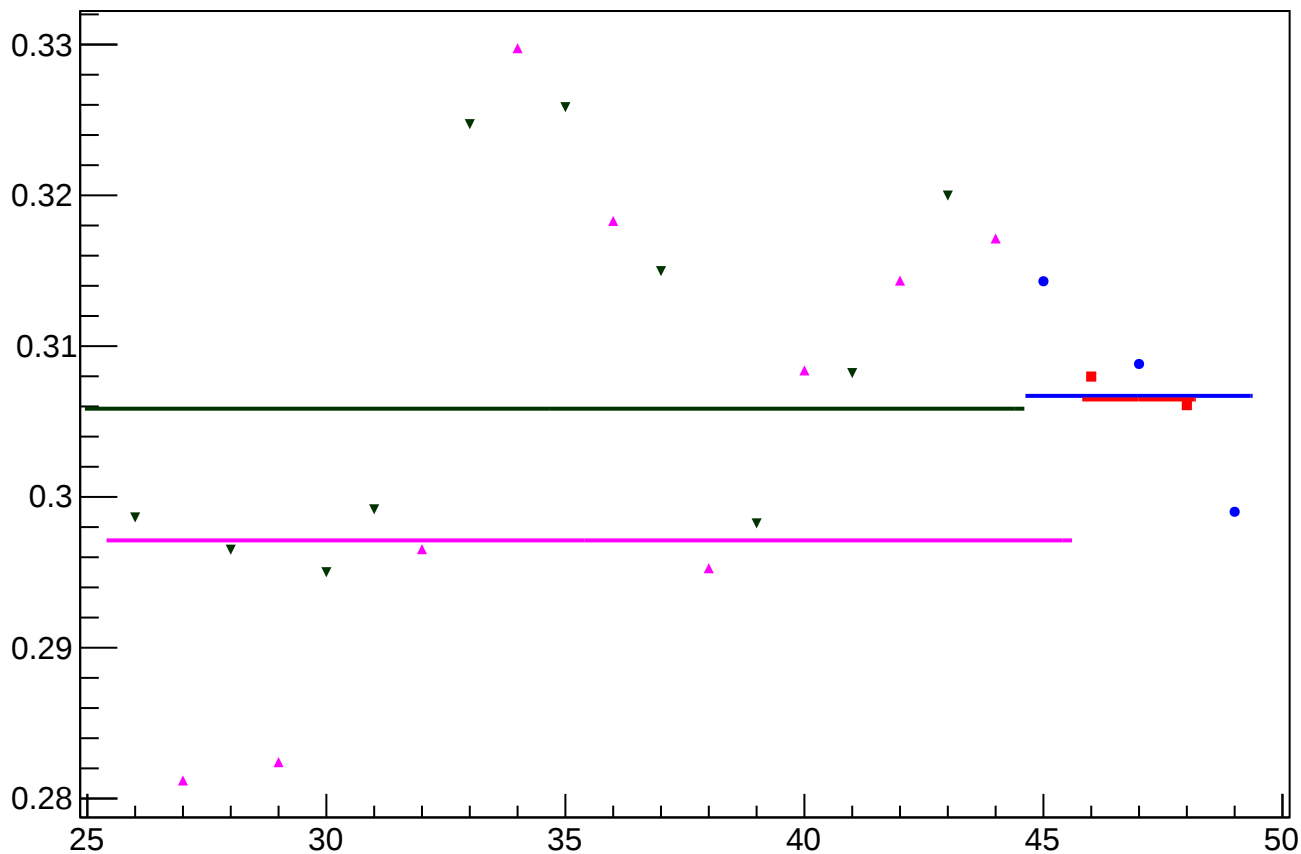
0.014+/-0.000 χ^2/NDF : 176931.9/12

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

0.014+/-0.000 χ^2/NDF : 94550.8/10

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

yield_bpm4ecX_mean vs slug



Right In: 0.307 $\pm$ 0.000 χ^2/NDF : 154385.1/2

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

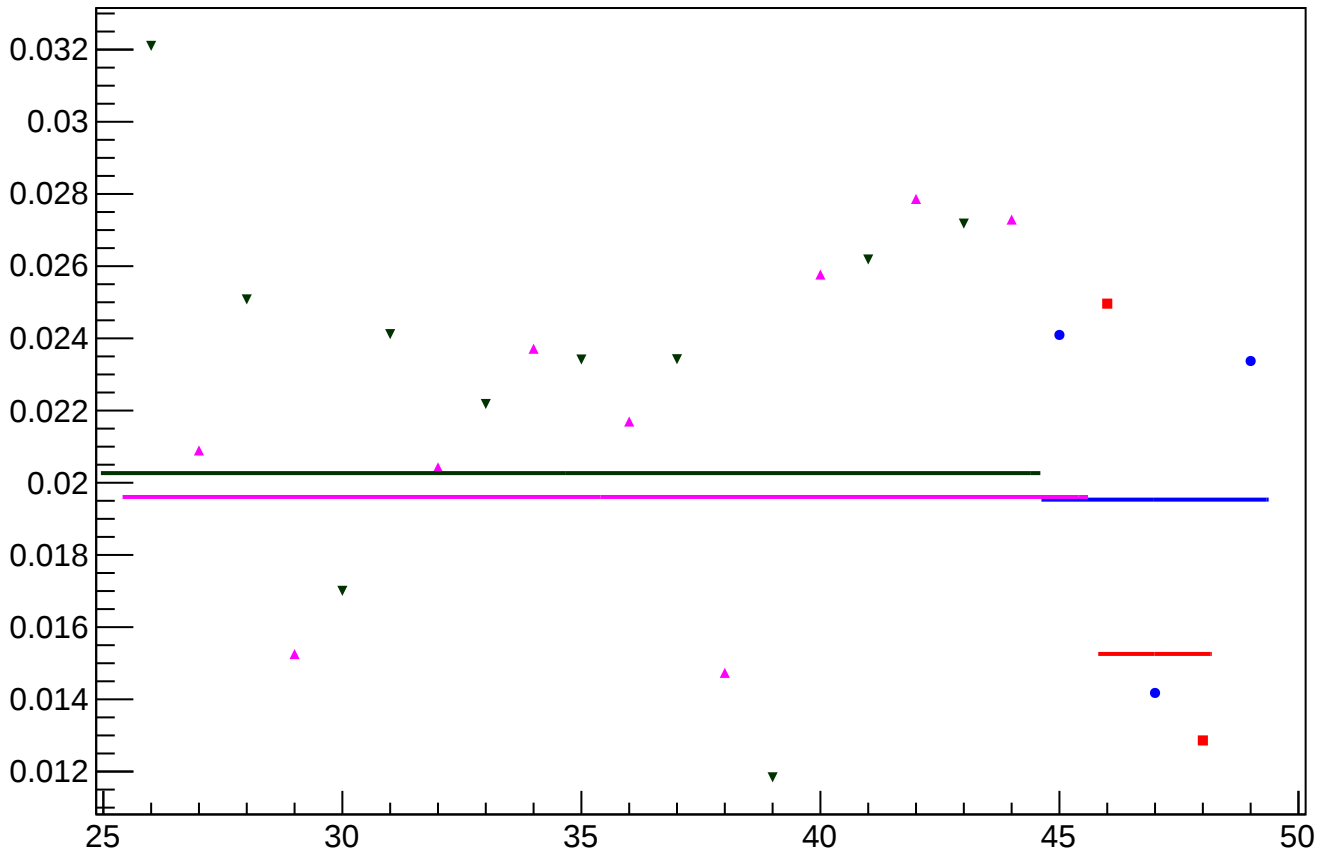
Right Out: 0.306 $\pm$ 0.000 χ^2/NDF : 1715.2/1

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

0.306 $\pm$ 0.000 χ^2/NDF : 1600865.2/12

0.299 $\pm$ 0.000 χ^2/NDF : 3330587.0/10

yield_bpm4ecX_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 195437.2/2

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

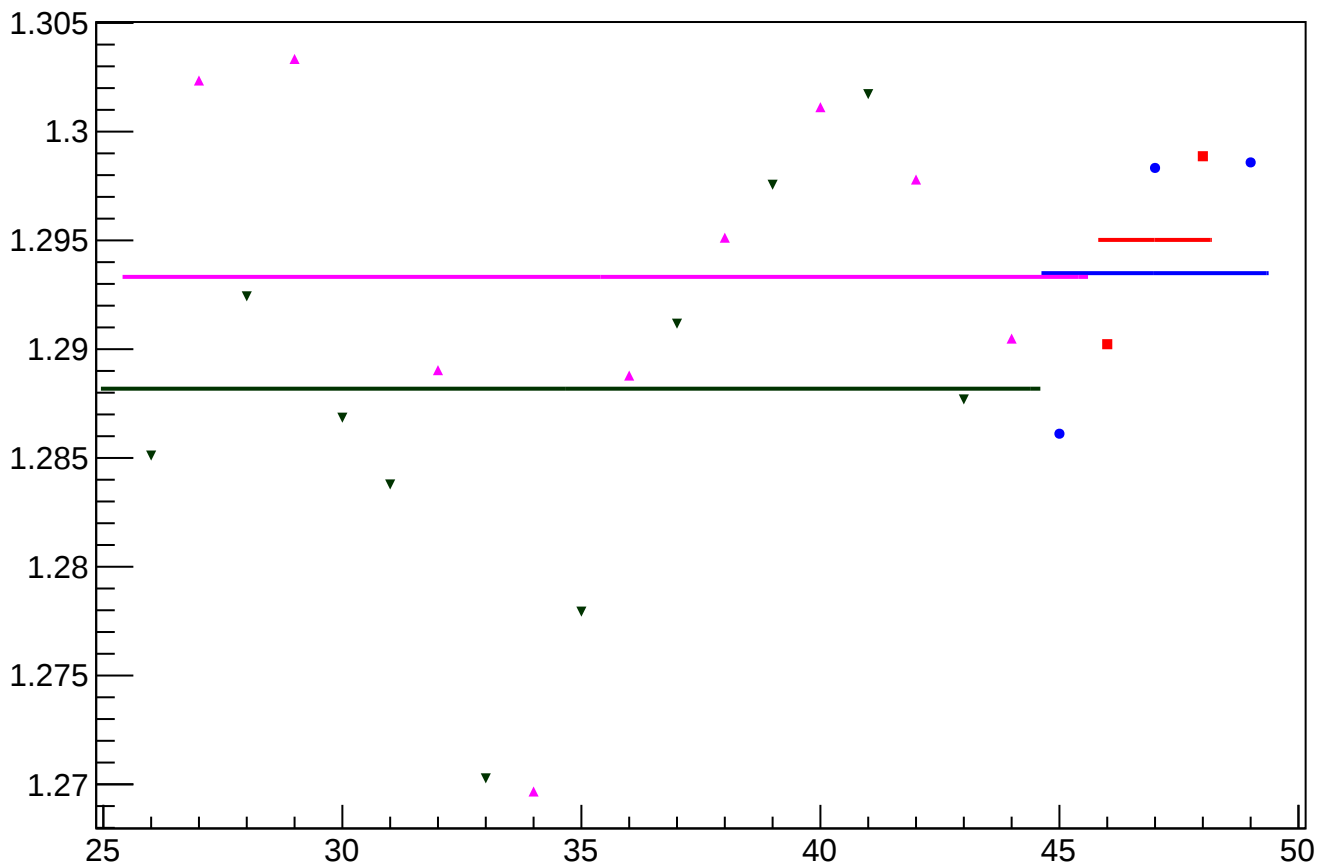
Right Out: 0.015+/-0.000 χ^2/NDF : 140045.6/1

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

0.020+/-0.000 χ^2/NDF : 1004663.4/12

0.019+/-0.000 χ^2/NDF : 724923.8/10

yield_bpm4ecY_mean vs slug



Right In: 1.293+/-0.000 χ^2/NDF : 478377.0/2

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

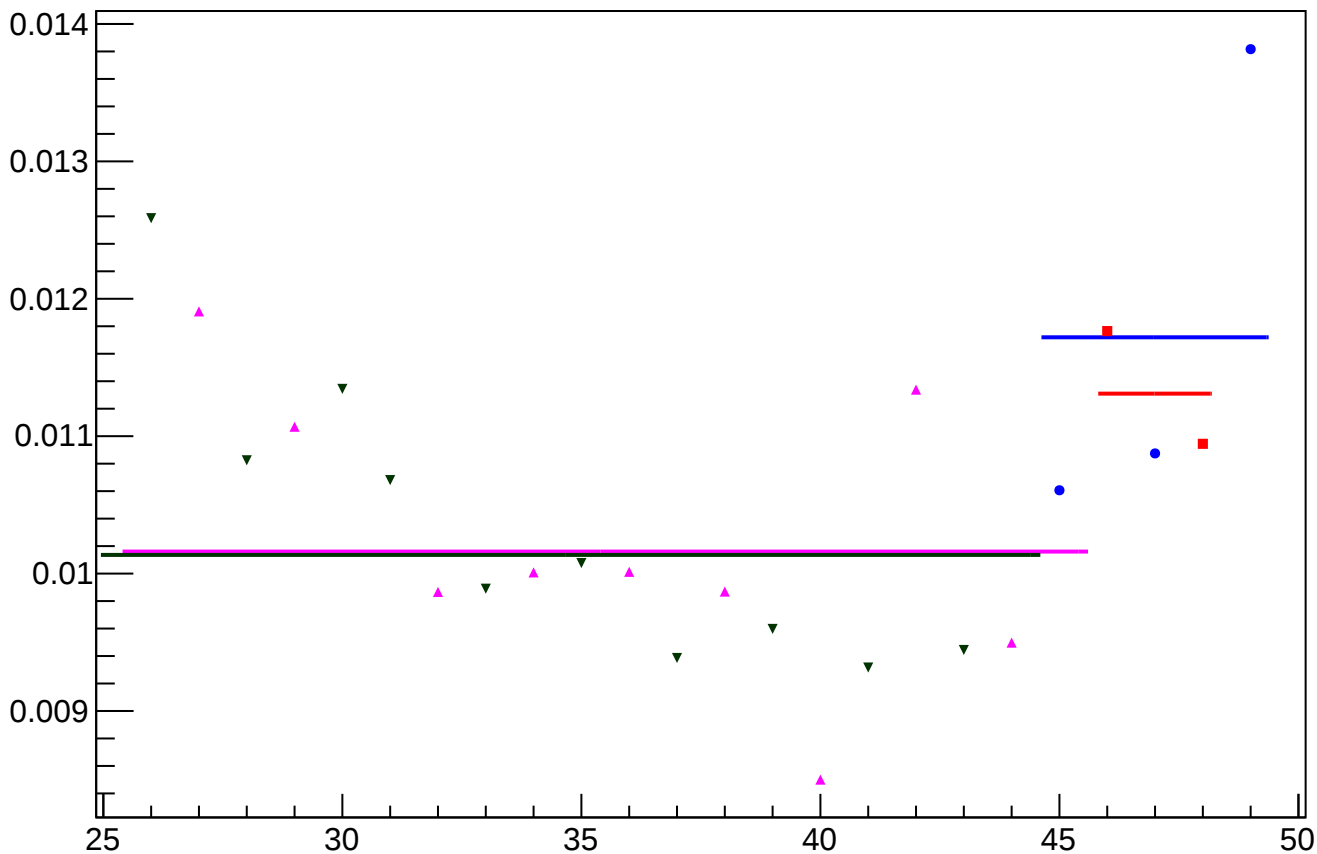
Right Out: 1.295+/-0.000 χ^2/NDF : 118805.8/1

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

1.289+/-0.000 χ^2/NDF : 4744370.3/12

1.294+/-0.000 χ^2/NDF : 4819915.8/10

yield_bpm4ecY_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 55210.4/2

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

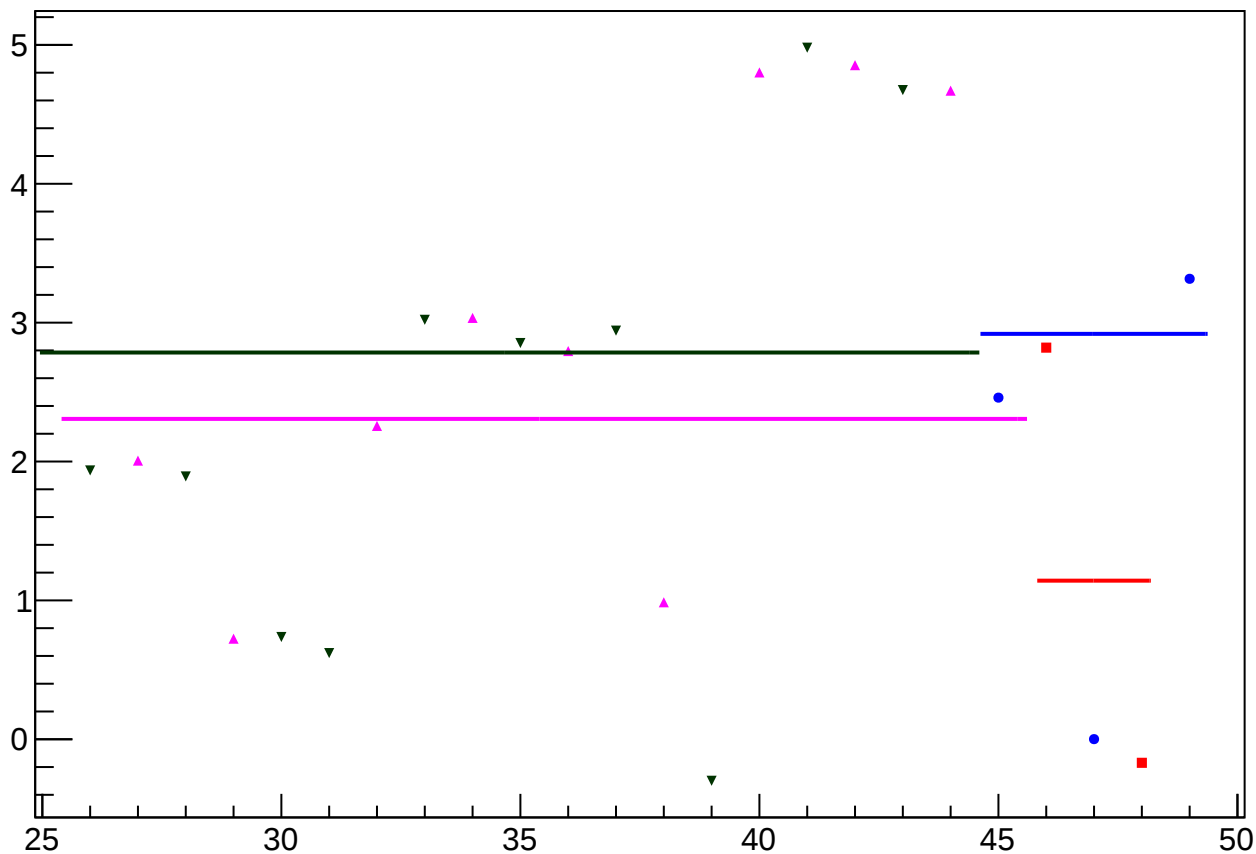
Right Out: 0.011 $\pm$ 0.000 χ^2/NDF : 2143.3/1

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

0.010 $\pm$ 0.000 χ^2/NDF : 184239.4/12

0.010 $\pm$ 0.000 χ^2/NDF : 117824.8/10

yield_bpm1X_mean vs slug



Right In: 2.919 $\pm$ 0.000 χ^2 /NDF: 190795144.6/2

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

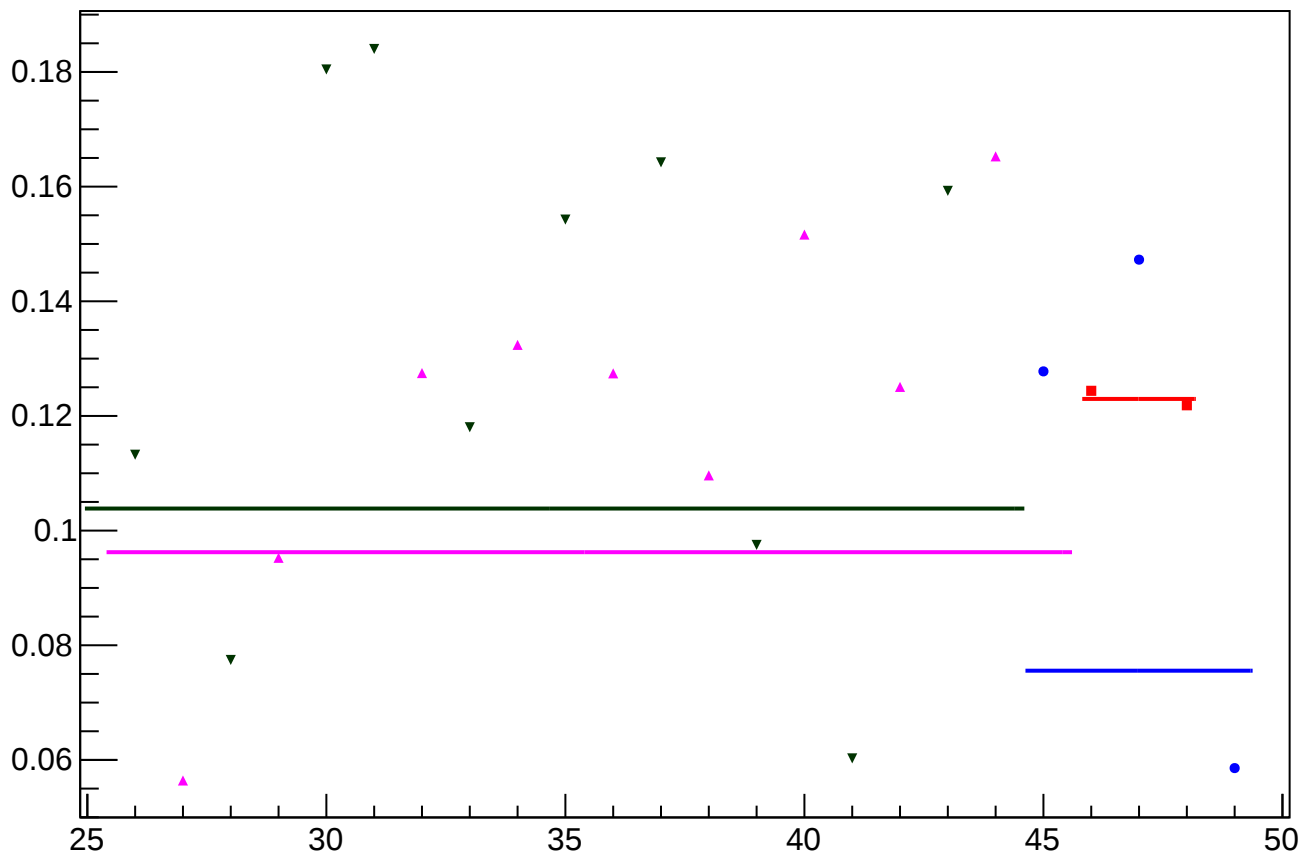
Right Out: 1.142 $\pm$ 0.000 χ^2 /NDF: 96151706.1/1

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

2.840 $\pm$ 0.000 χ^2 /NDF: 1130582796.6/12

2.196 $\pm$ 0.000 χ^2 /NDF: 786680536.2/10

yield_bpm1X_rms vs slug



Right In: 0.076+/-0.000 χ^2/NDF : 454231.3/2

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

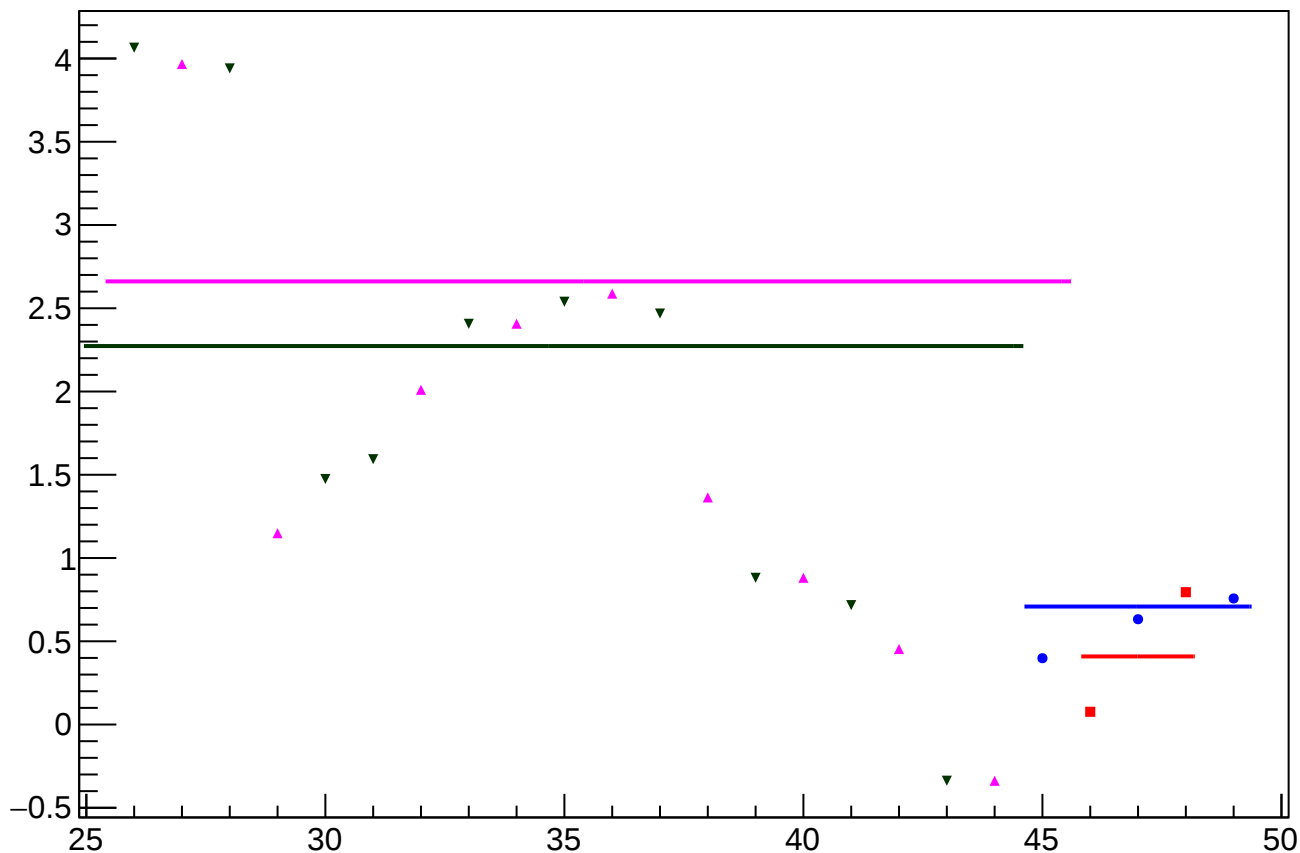
Right Out: 0.123+/-0.000 χ^2/NDF : 137.1/1

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

0.092+/-0.000 χ^2/NDF : 1731899.6/12

0.099+/-0.000 χ^2/NDF : 1121145.2/10

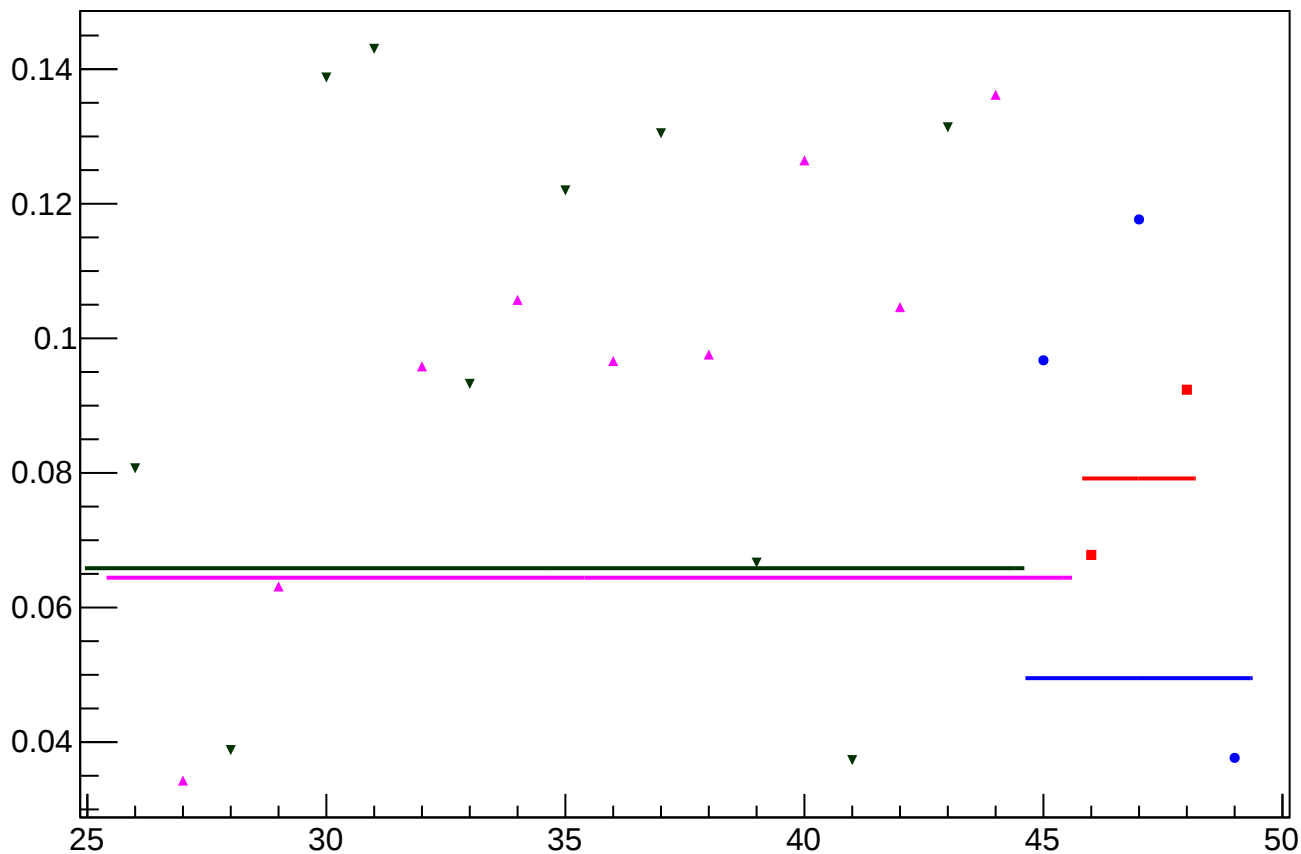
yield_bpm1Y_mean vs slug



Right In: 0.709 ± 0.000 χ^2/NDF : 5934861.1/2
 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

1.638 ± 0.000 χ^2/NDF : 2119235300.7/12
 2.436 ± 0.000 χ^2/NDF : 2000191631.7/10

yield_bpm1Y_rms vs slug



Right In: 0.050+/-0.000 χ^2/NDF : 600519.5/2

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

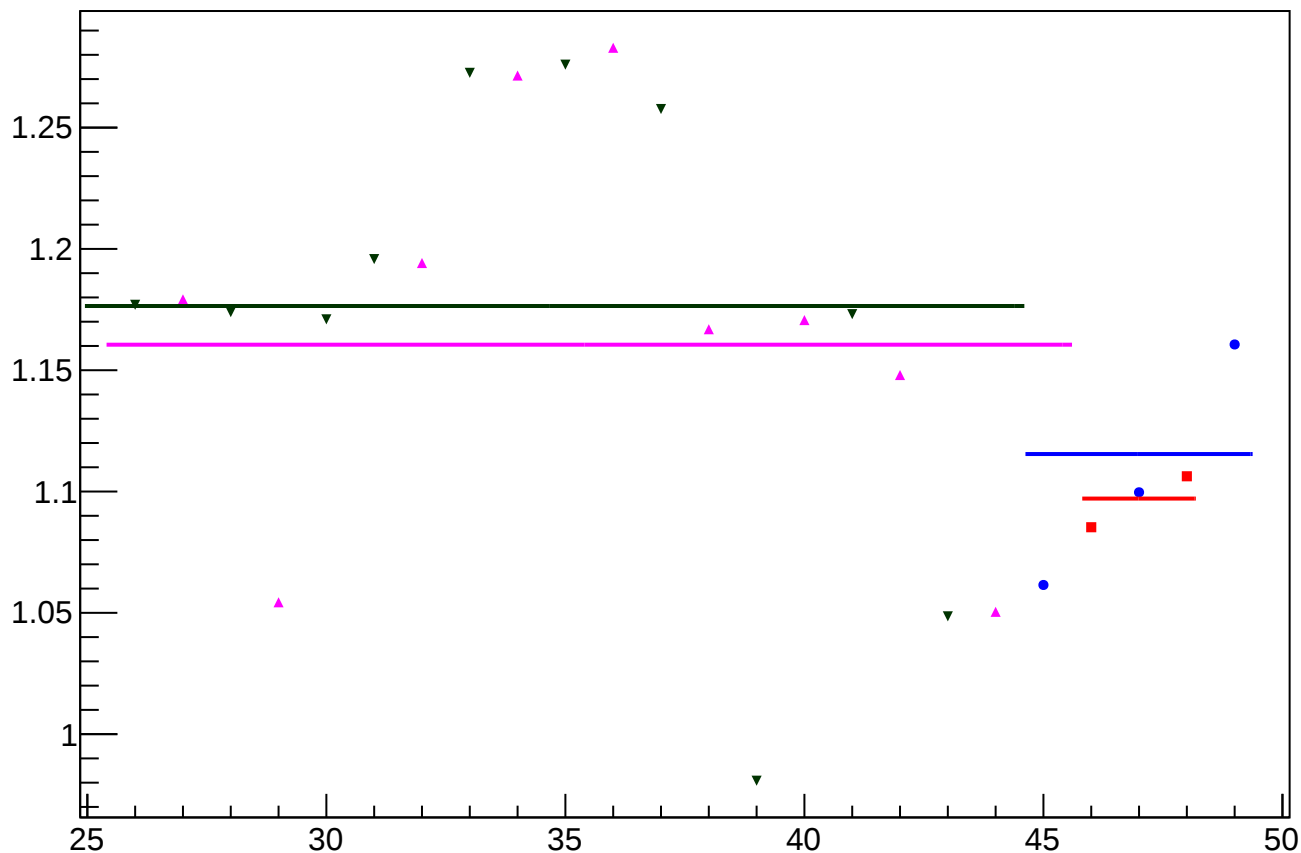
Right Out: 0.079+/-0.000 χ^2/NDF : 26982.8/1

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

0.059+/-0.000 χ^2/NDF : 2518724.5/12

0.066+/-0.000 χ^2/NDF : 1865675.0/10

yield_bpm11X_mean vs slug



Right In: 1.115 ± 0.000 χ^2/NDF : 5921314.6/2

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

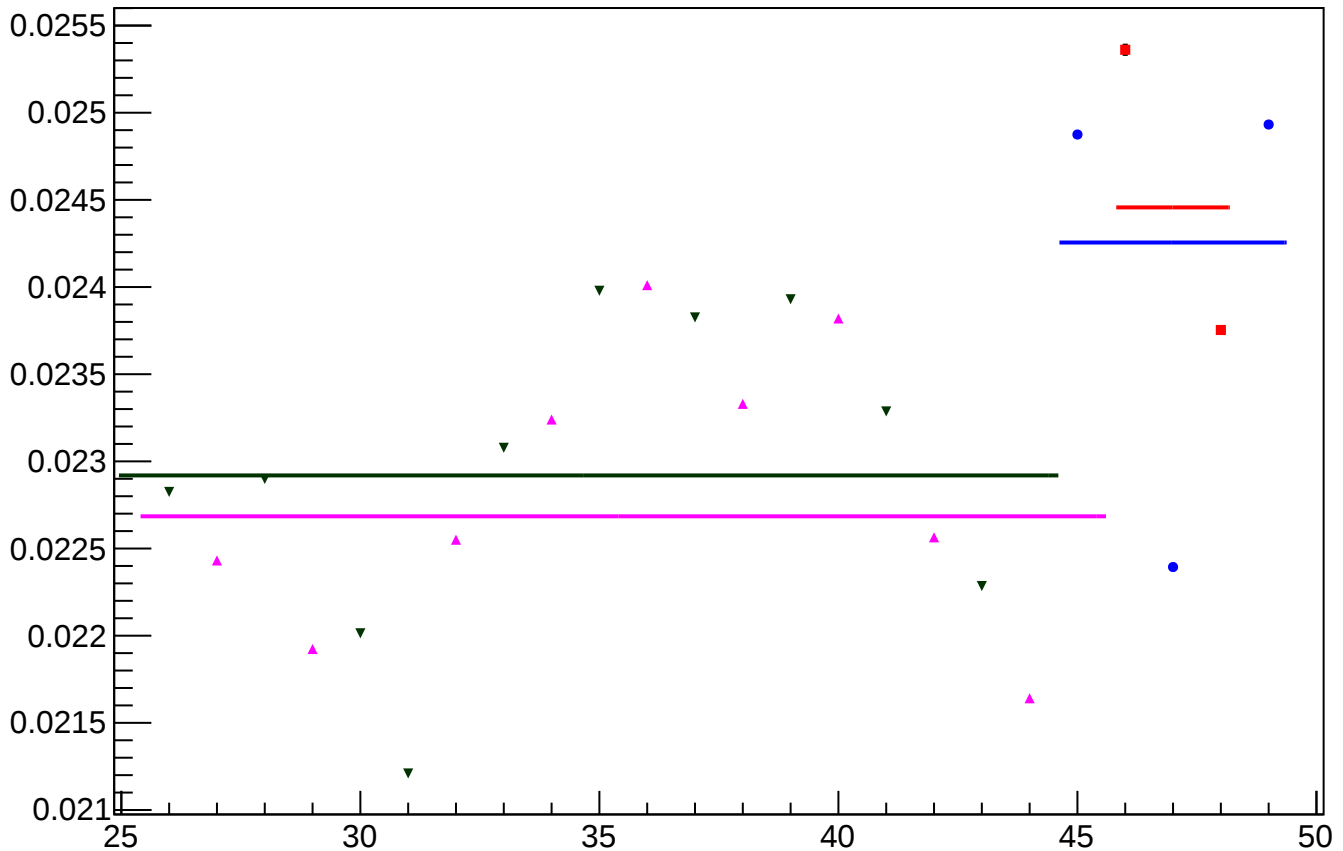
Right Out: 1.097 ± 0.000 χ^2/NDF : 144654.3/1

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

1.161 ± 0.000 χ^2/NDF : 80922118.1/12

1.153 ± 0.000 χ^2/NDF : 62918894.1/10

yield_bpm11X_rms vs slug



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 7872.9/2

Left Out: 0.023 $\pm$ 0.000 χ^2 /NDF:12479.4/9

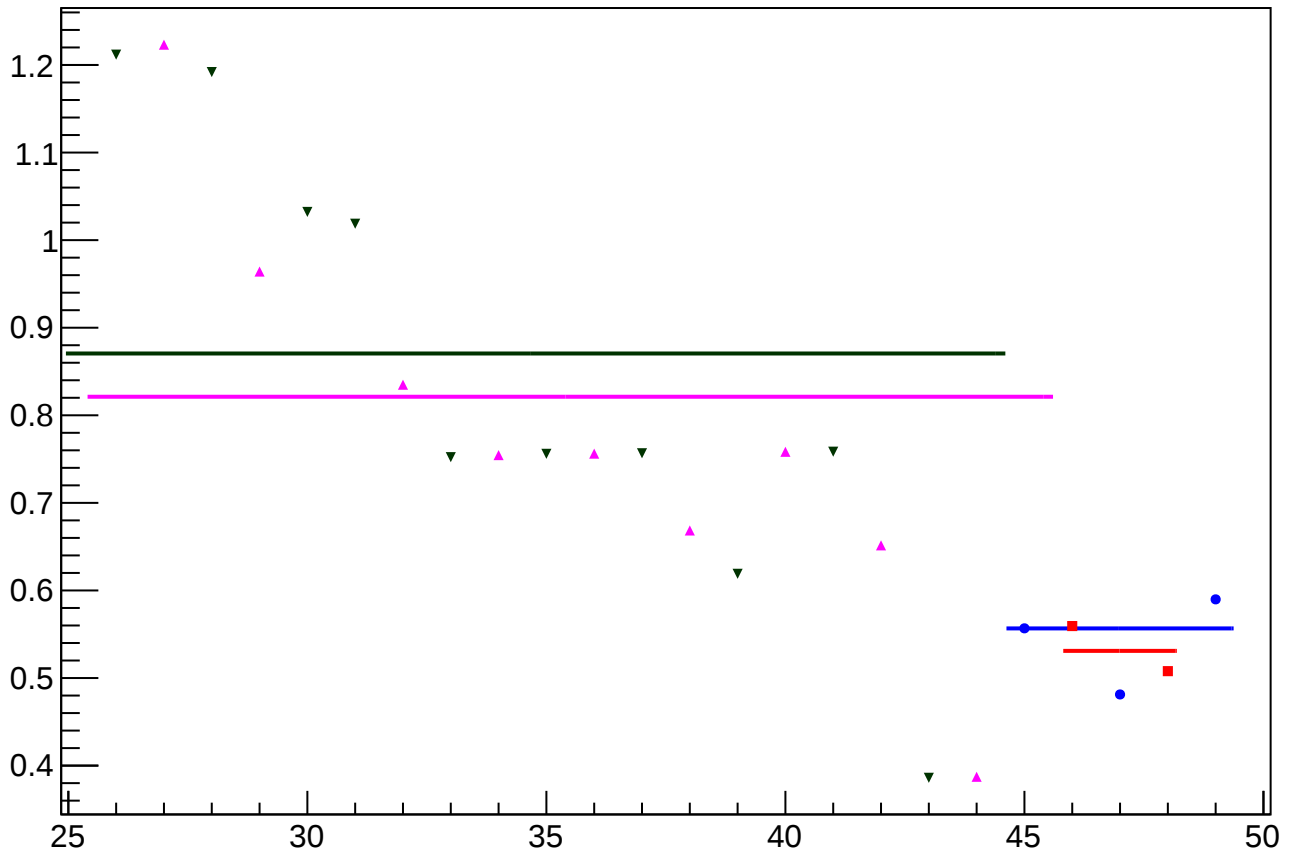
0.023 $\pm$ 0.000 χ^2 /NDF: 28954.3/12

Right Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 1694.8/1

0.023 $\pm$ 0.000 χ^2 /NDF: 20081.3/10

Left In: 0.023 $\pm$ 0.000 χ^2 /NDF:10953.7/8

yield_bpm11Y_mean vs slug



Right In: 0.557+/-0.000 χ^2/NDF : 172015234.5/2

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

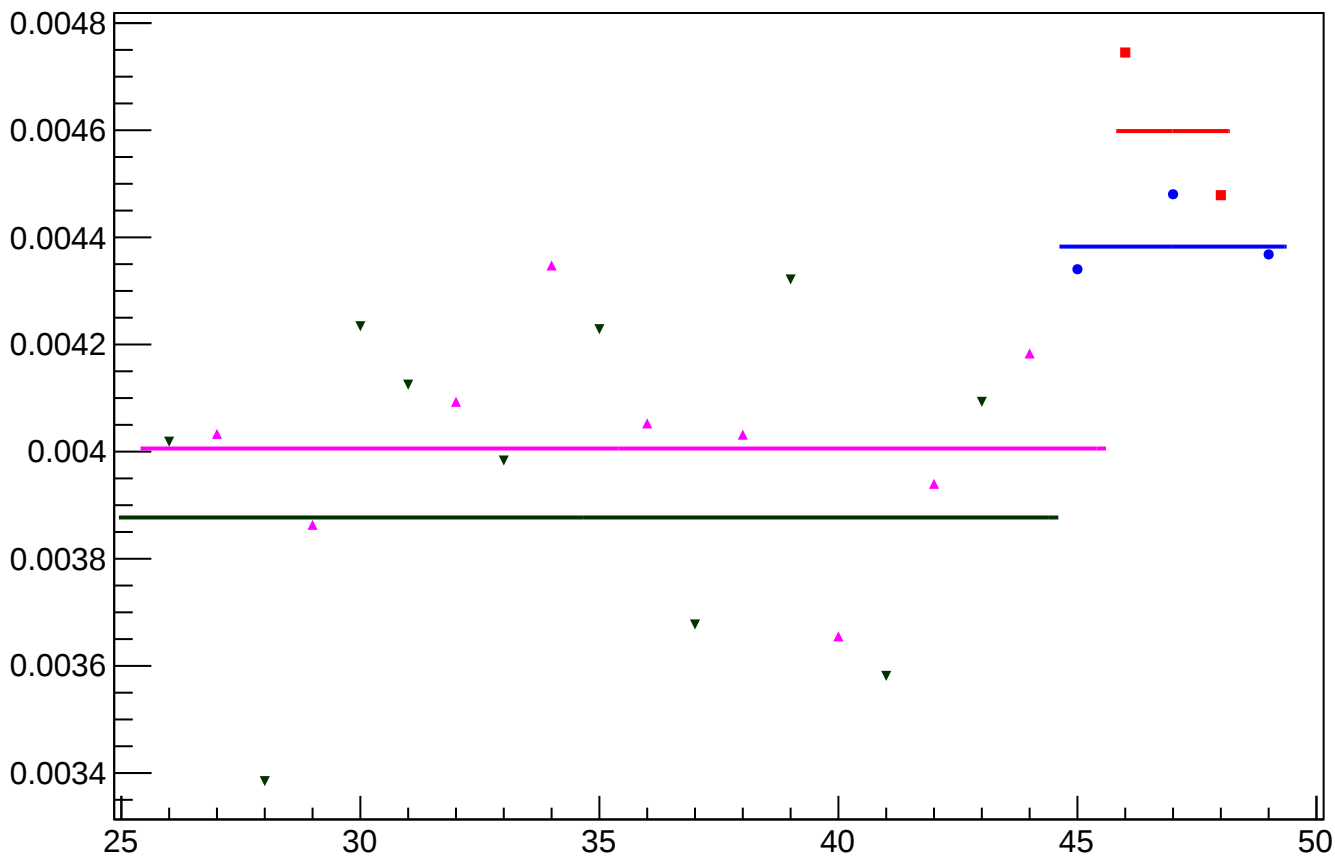
0.796+/-0.000 χ^2/NDF : 27453167308.6/12

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

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

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

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 536.9/2

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

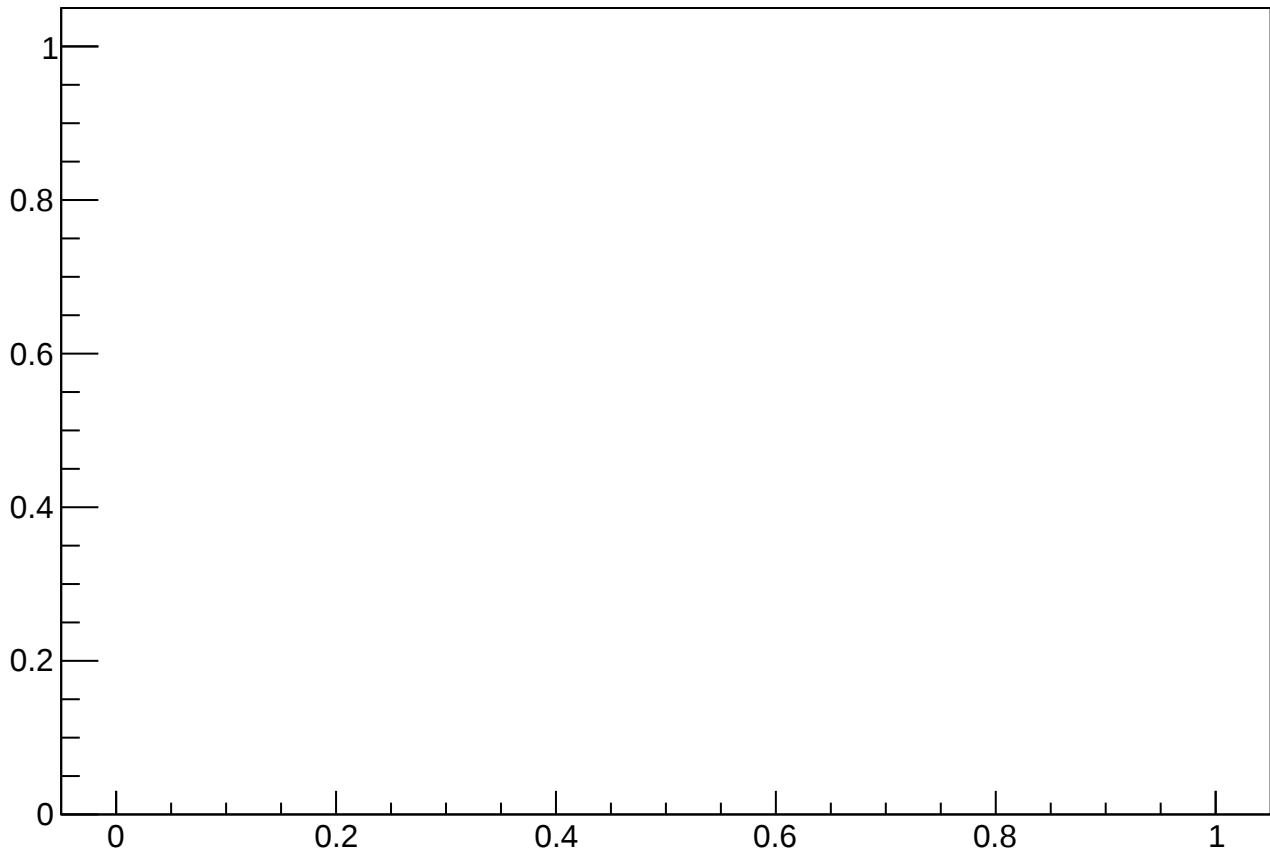
Right Out: 0.005+/-0.000 χ^2/NDF : 1389.6/1

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

0.004+/-0.000 χ^2/NDF : 105144.8/12

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

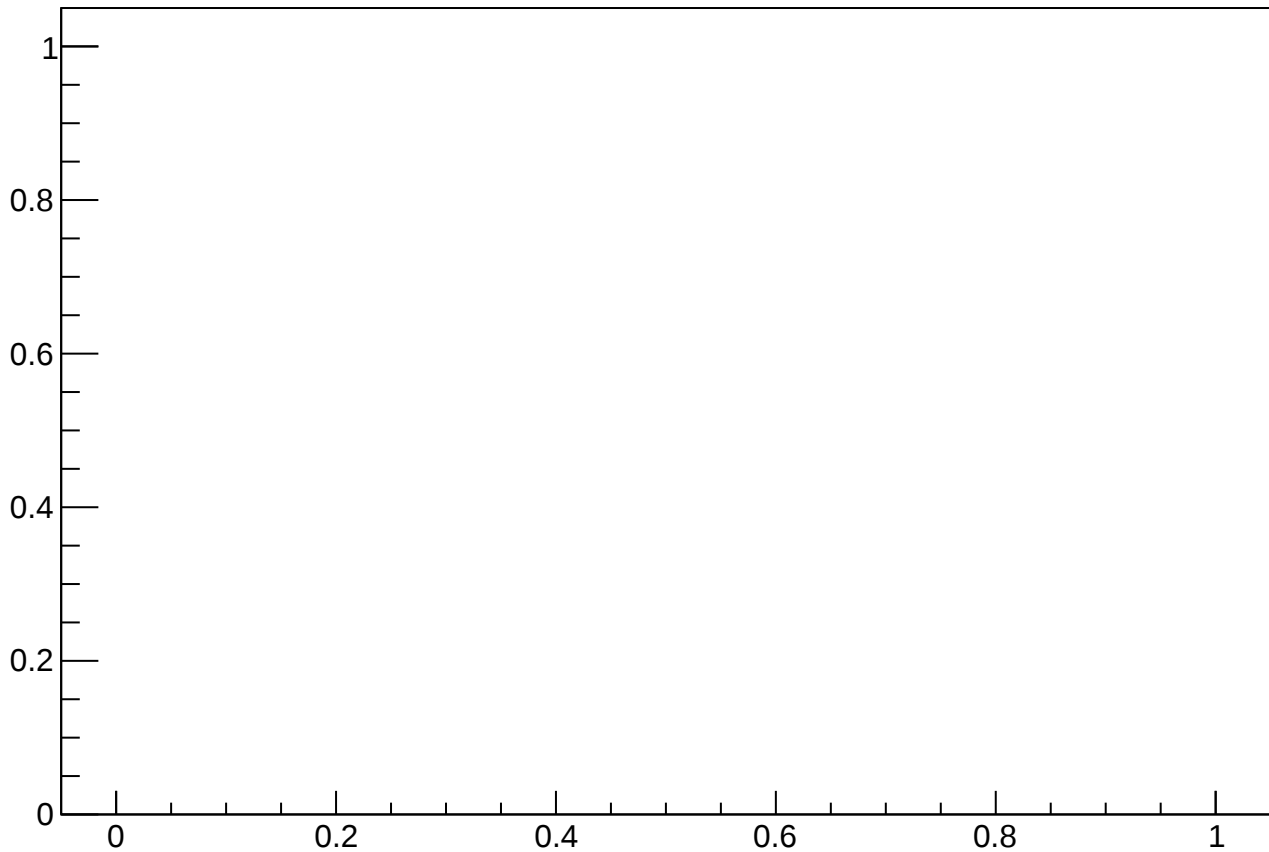
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

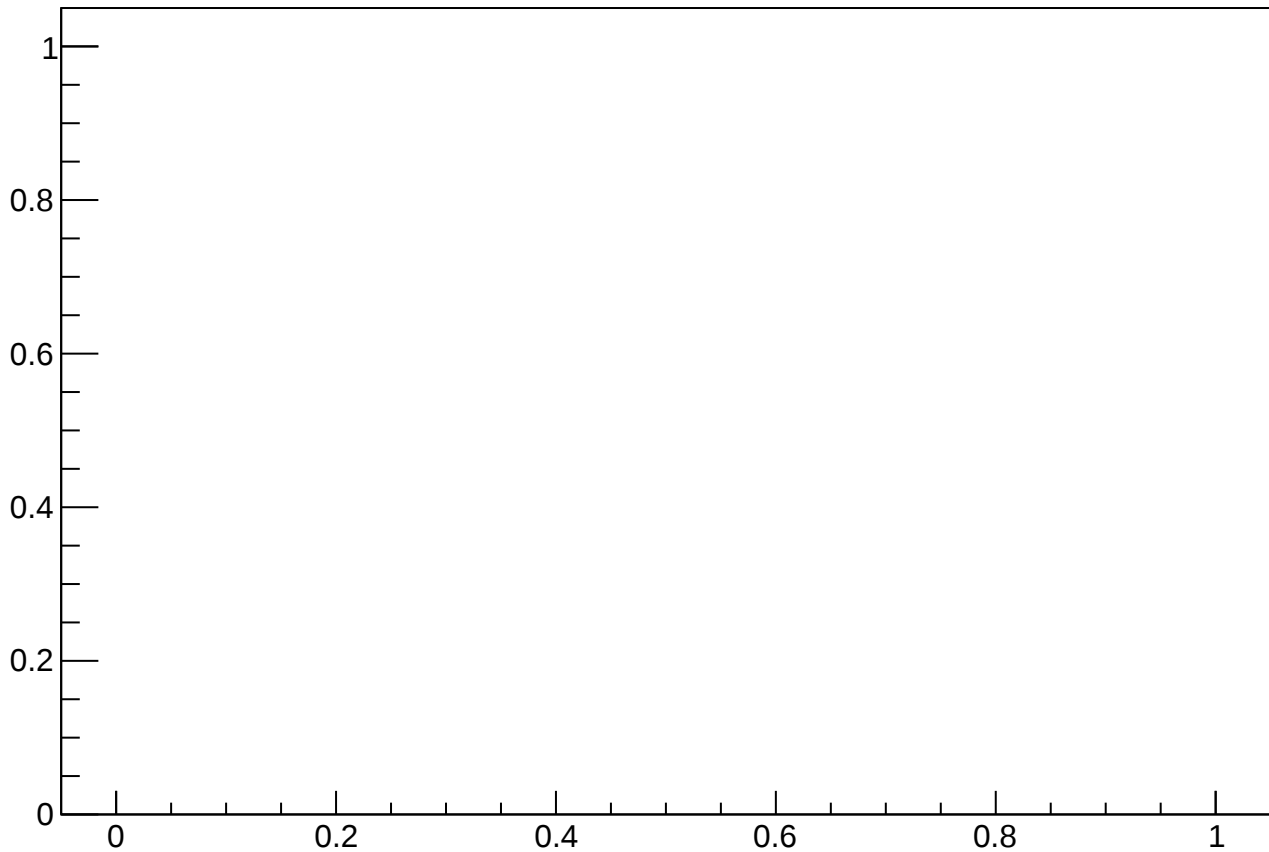
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

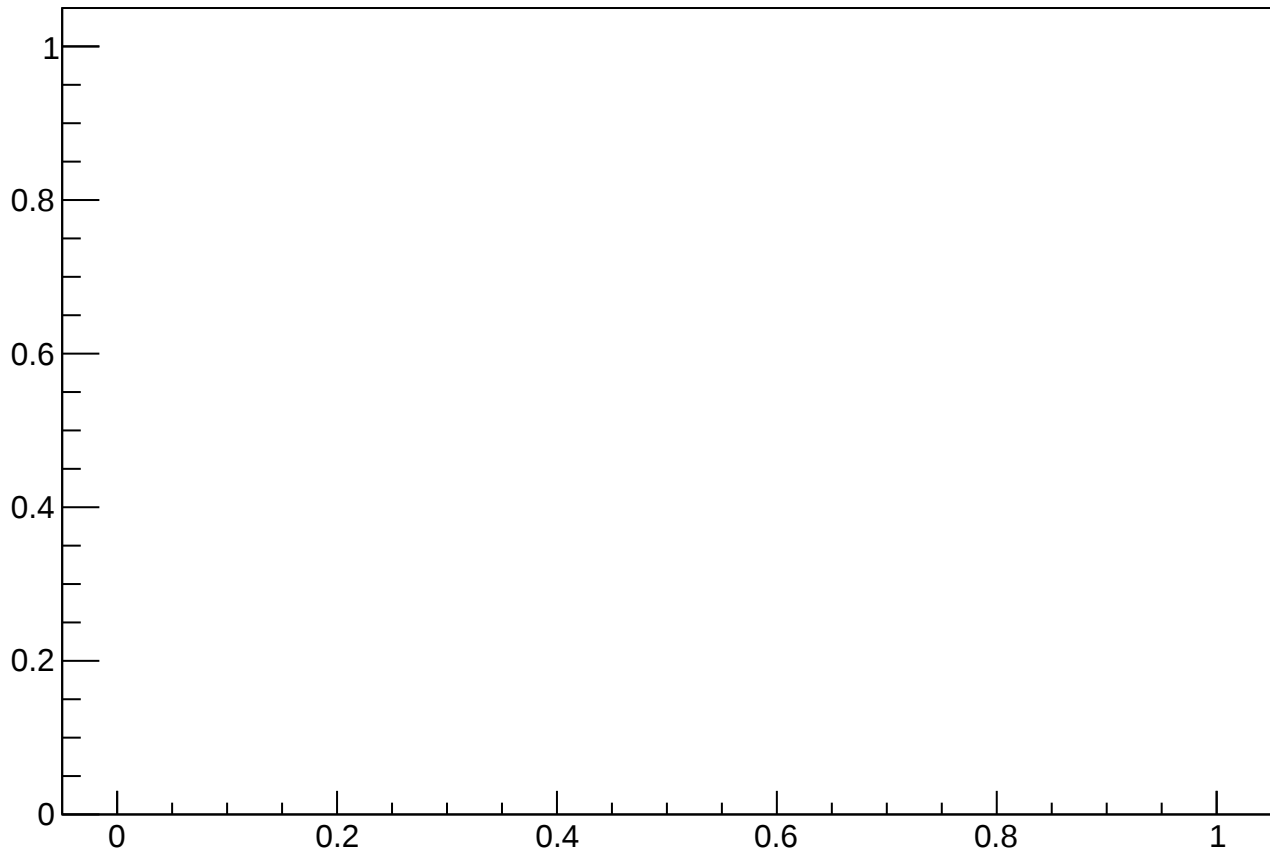
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

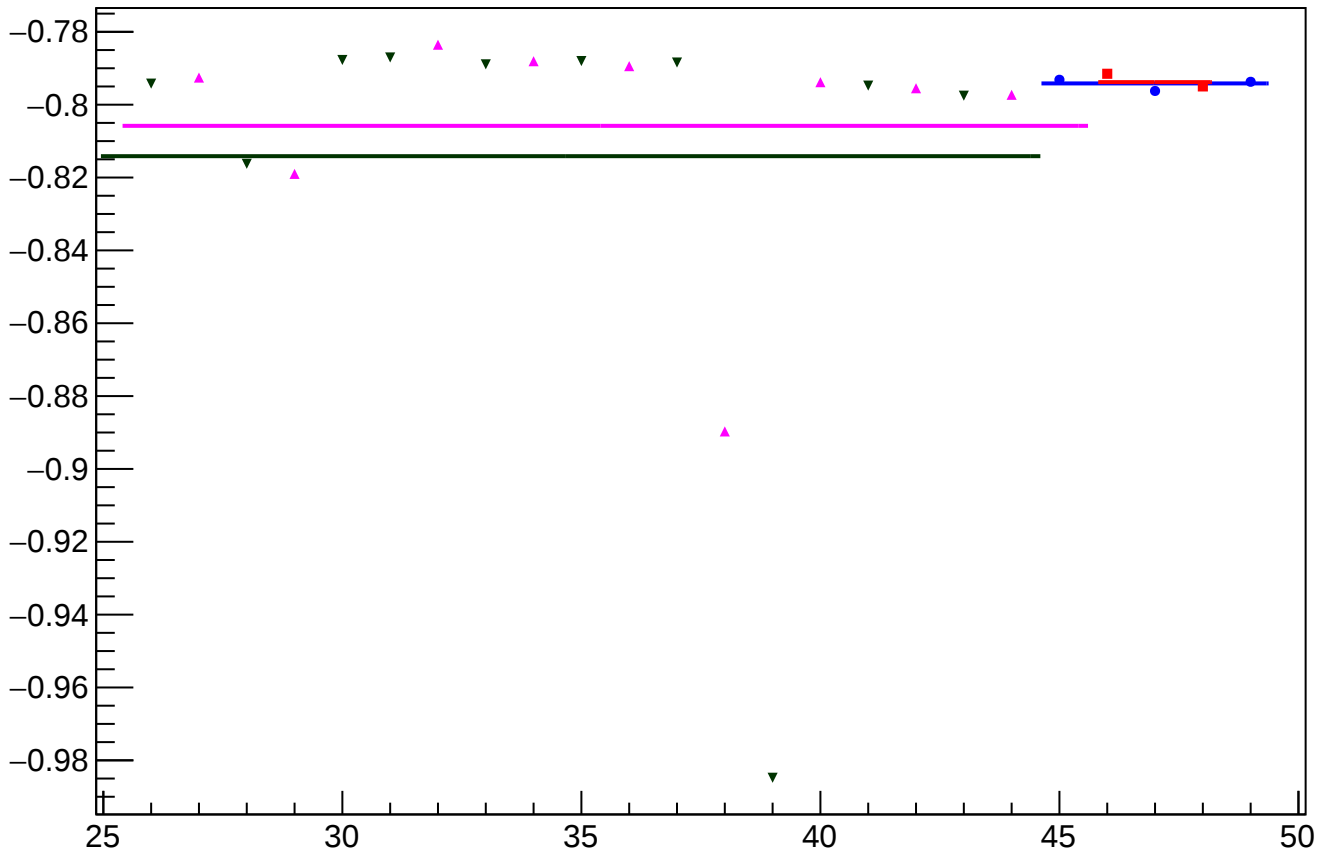
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.794+/-0.000 χ^2/NDF : 48744.4/2

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

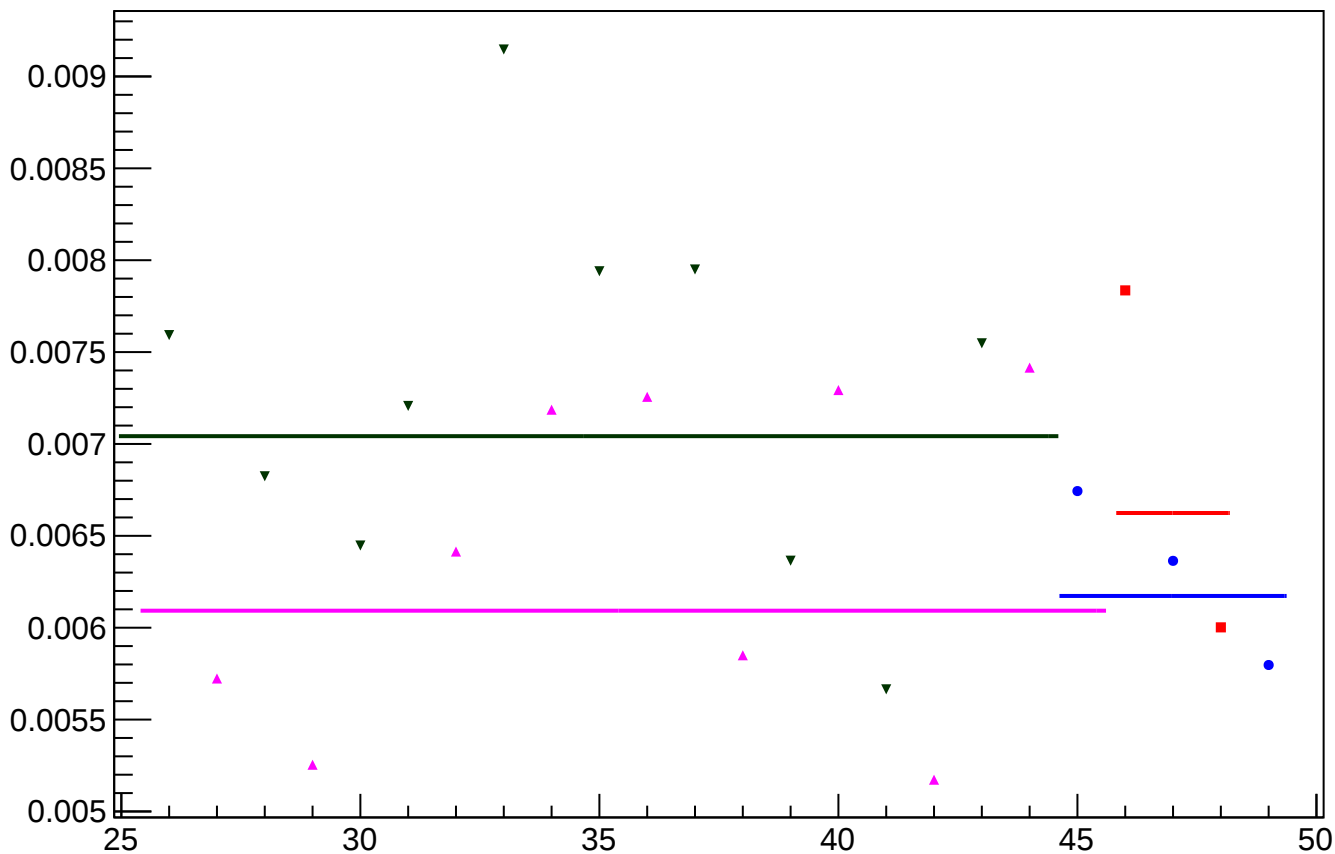
-0.808+/-0.000 χ^2/NDF : 266161792.6/12

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

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

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

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 11738.2/2

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

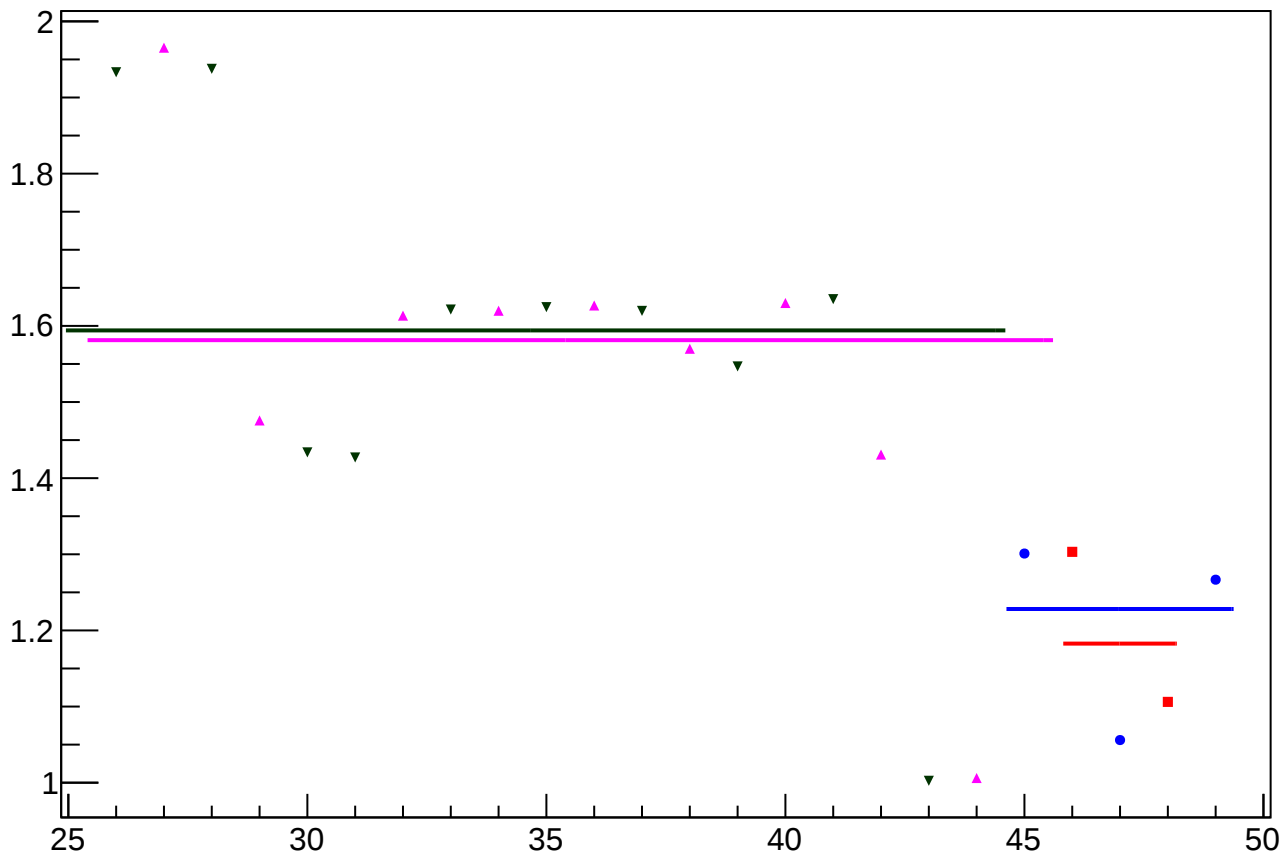
Right Out: 0.007+/-0.000 χ^2/NDF : 20465.4/1

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

0.007+/-0.000 χ^2/NDF : 183340.2/12

0.006+/-0.000 χ^2/NDF : 170081.5/10

yield_bpm12Y_mean vs slug



Right In: 1.228+/-0.000 χ^2/NDF : 378602051.7/2

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

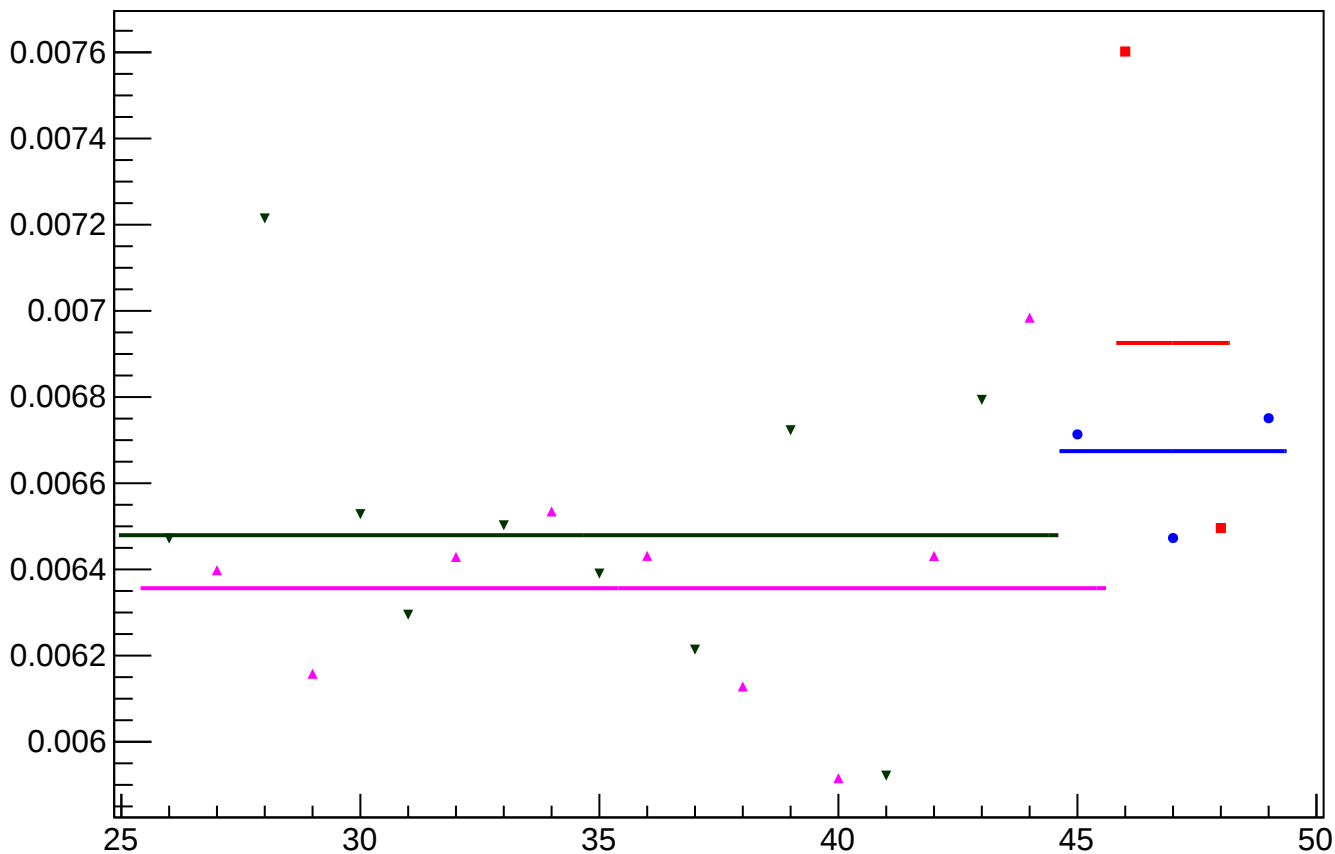
Right Out: 1.183+/-0.000 χ^2/NDF : 148740013.0/1

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

1.496+/-0.000 χ^2/NDF : 11096808648.6/12

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

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1036.2/2

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

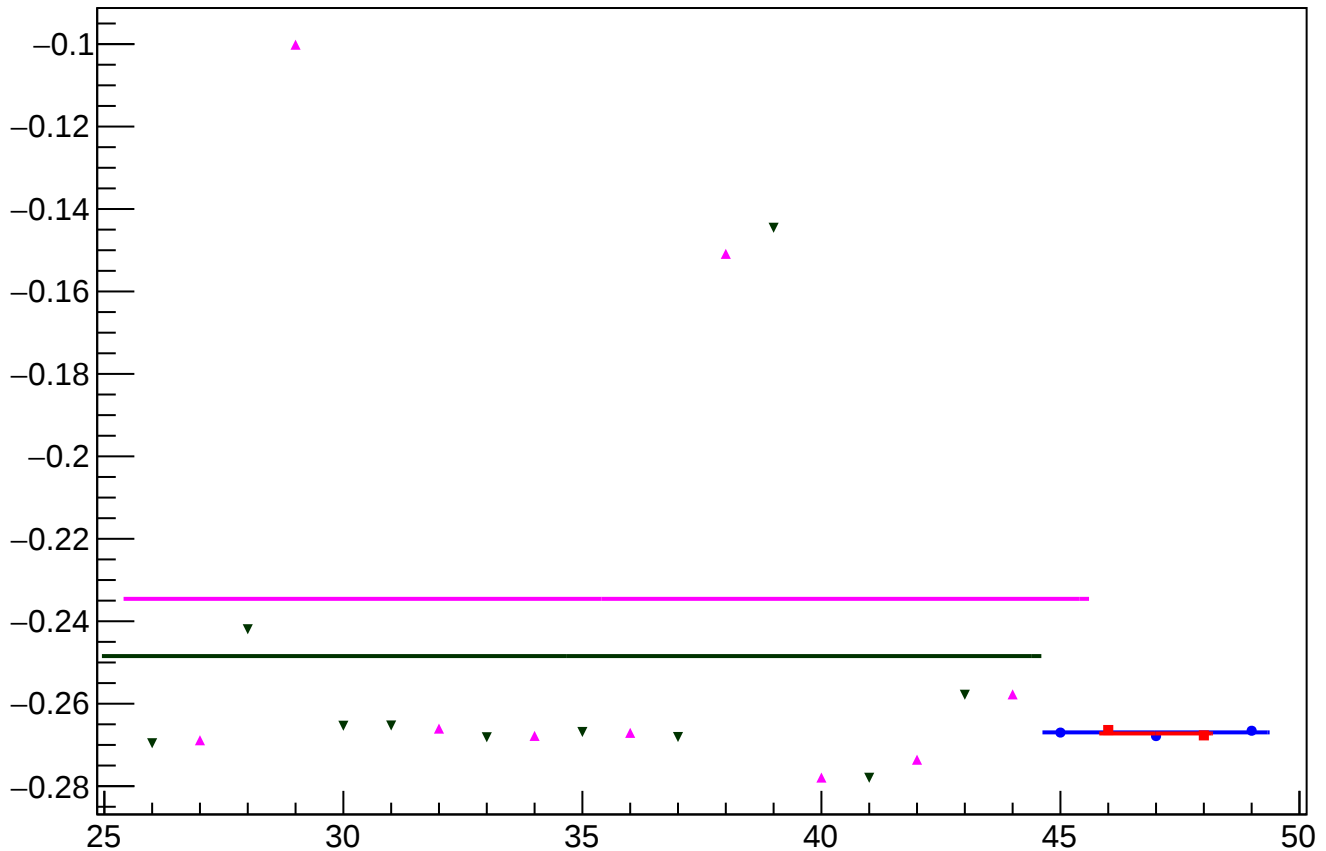
Right Out: 0.007+/-0.000 χ^2/NDF : 9367.0/1

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

0.007+/-0.000 χ^2/NDF : 31127.1/12

0.006+/-0.000 χ^2/NDF : 35644.8/10

yield_bpm16X_mean vs slug



Right In: -0.267+/-0.000 χ^2/NDF : 28341.7/2

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

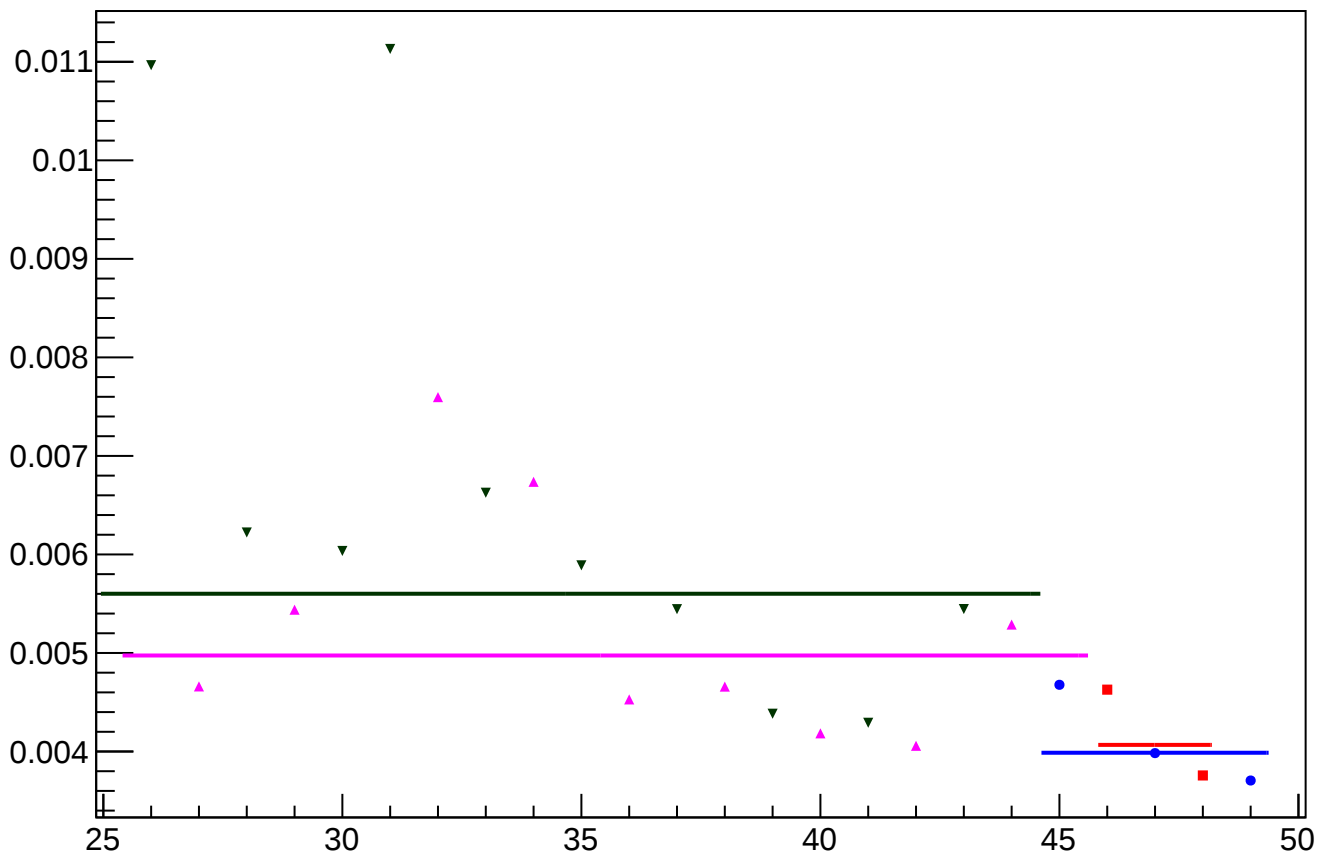
-0.256+/-0.000 χ^2/NDF : 279855152.2/12

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 : 31498.2/2

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

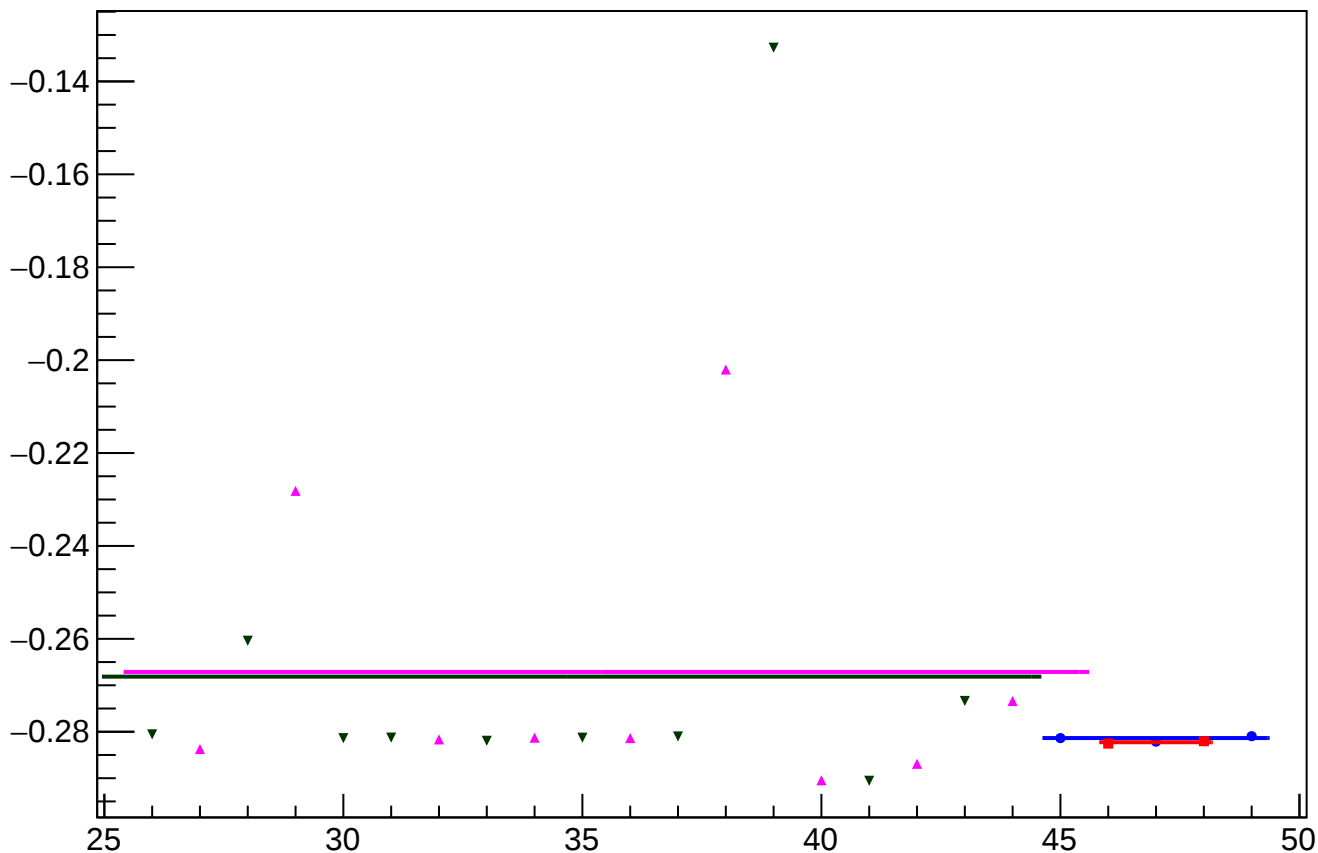
Right Out: 0.004+/-0.000 χ^2/NDF : 14650.2/1

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

0.005+/-0.000 χ^2/NDF : 943877.0/12

0.005+/-0.000 χ^2/NDF : 434974.1/10

yield_bpm16Y_mean vs slug



Right In: -0.281 ± 0.000 χ^2/NDF : 40793.7/2

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

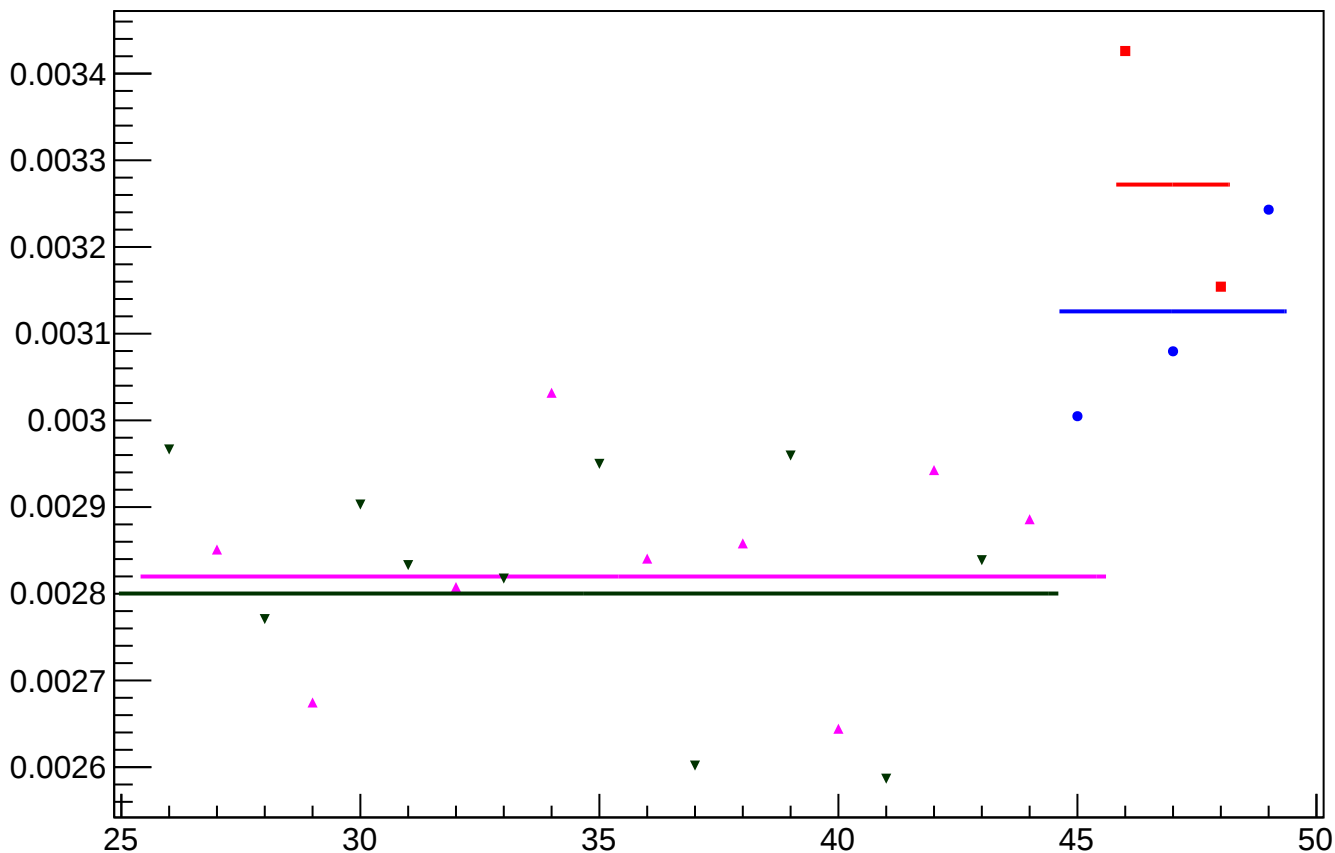
Right Out: -0.282 ± 0.000 χ^2/NDF : 5063.0/1

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

-0.271 ± 0.000 χ^2/NDF : 986805082.2/12

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

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 4523.5/2

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

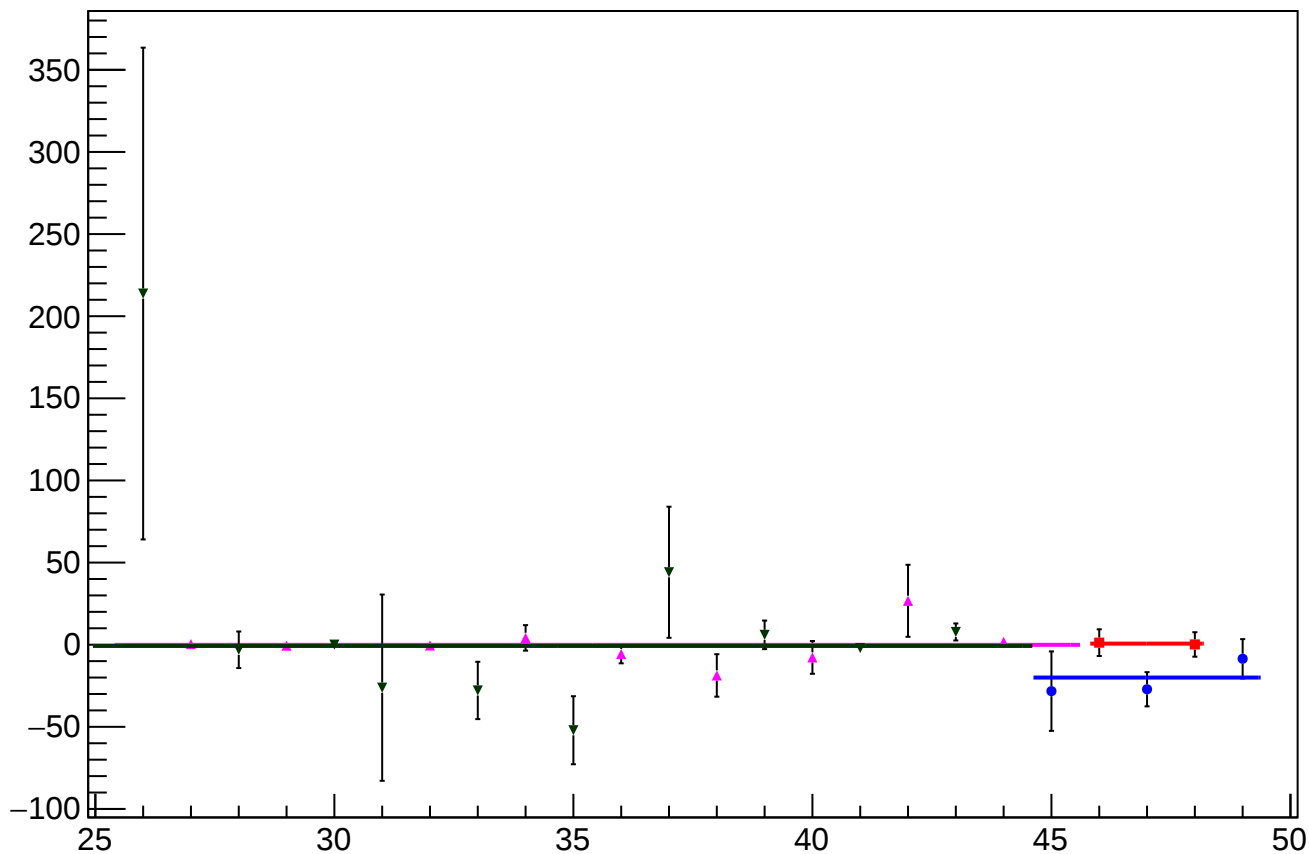
Right Out: 0.003+/-0.000 χ^2/NDF : 2806.3/1

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

0.003+/-0.000 χ^2/NDF : 60131.1/12

0.003+/-0.000 χ^2/NDF : 47599.8/10

diff_cav4bX_mean vs slug



Right In: -20.001 ± 7.472 χ^2/NDF : 1.5/2

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

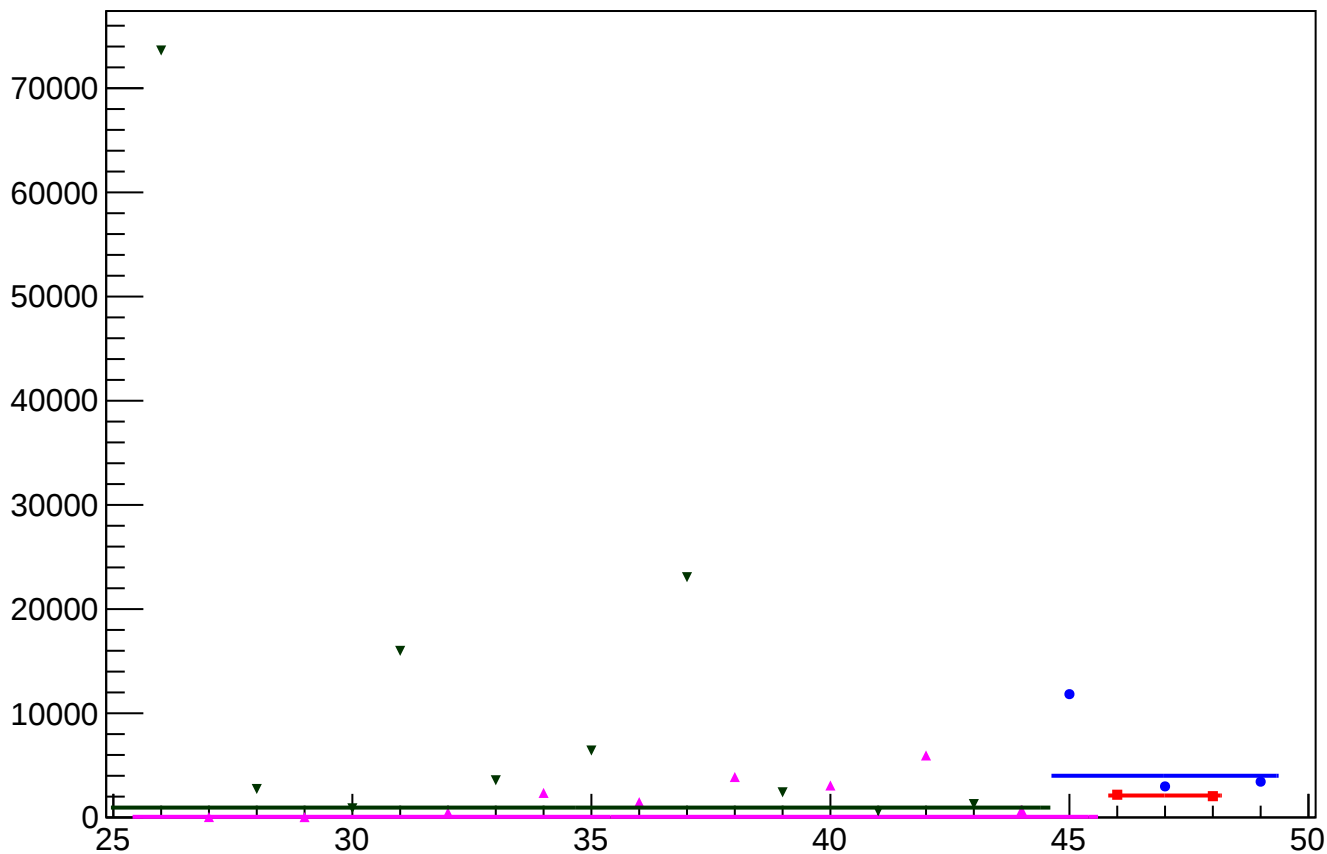
Right Out: 0.656 ± 5.490 χ^2/NDF : 0.0/1

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

-1.556 ± 1.524 χ^2/NDF : 23.7/12

-0.085 ± 0.168 χ^2/NDF : 15.6/10

diff_cav4bX_rms vs slug



Right In: 4001.994+/-5.283 χ^2/NDF : 233390.9/2

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

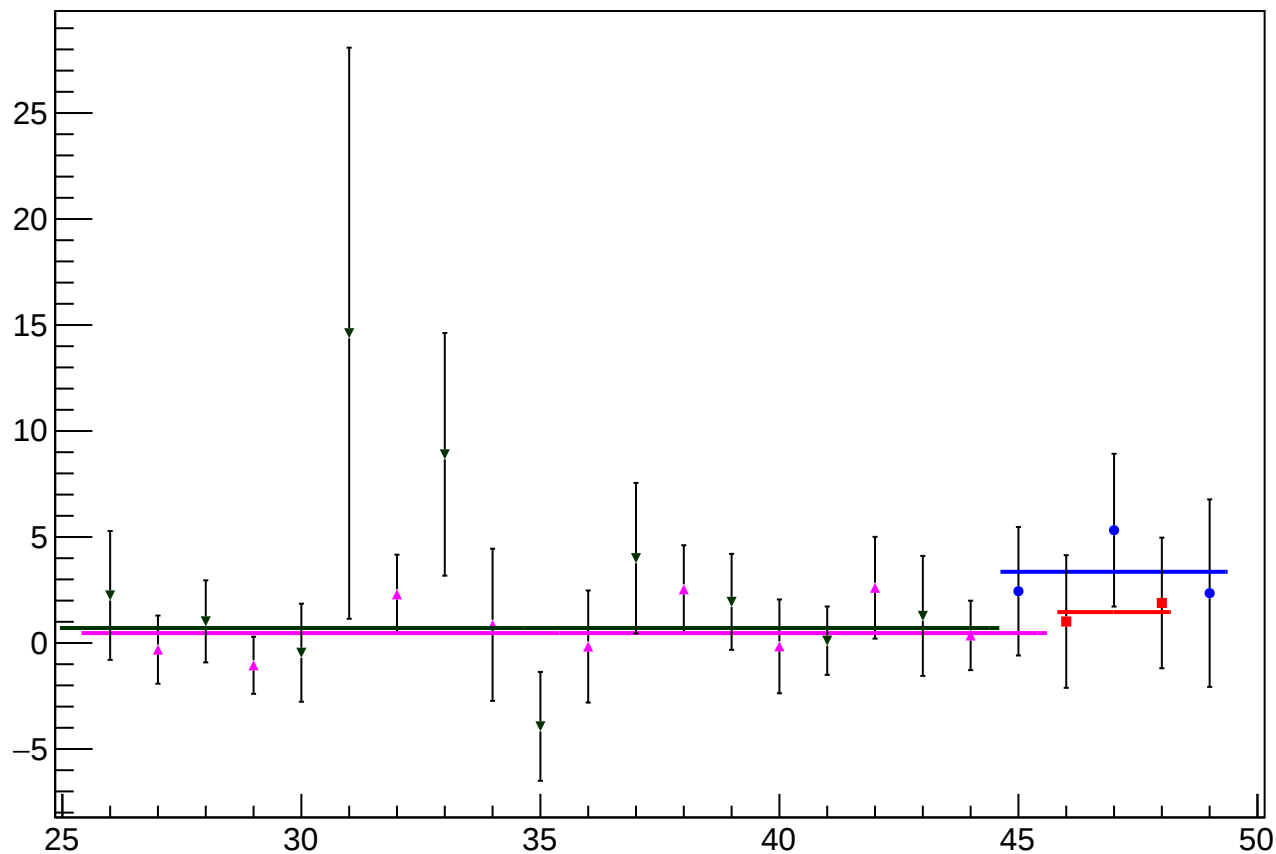
Right Out: 2106.156+/-3.882 χ^2/NDF : 316.6/1

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

1073.930+/-1.078 χ^2/NDF : 2139694.4/12

63.429+/-0.119 χ^2/NDF : 1850676.0/10

diff_cav4bY_mean vs slug



Right In: 3.359 $\pm$ 2.054 χ^2 /NDF: 0.4/2

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

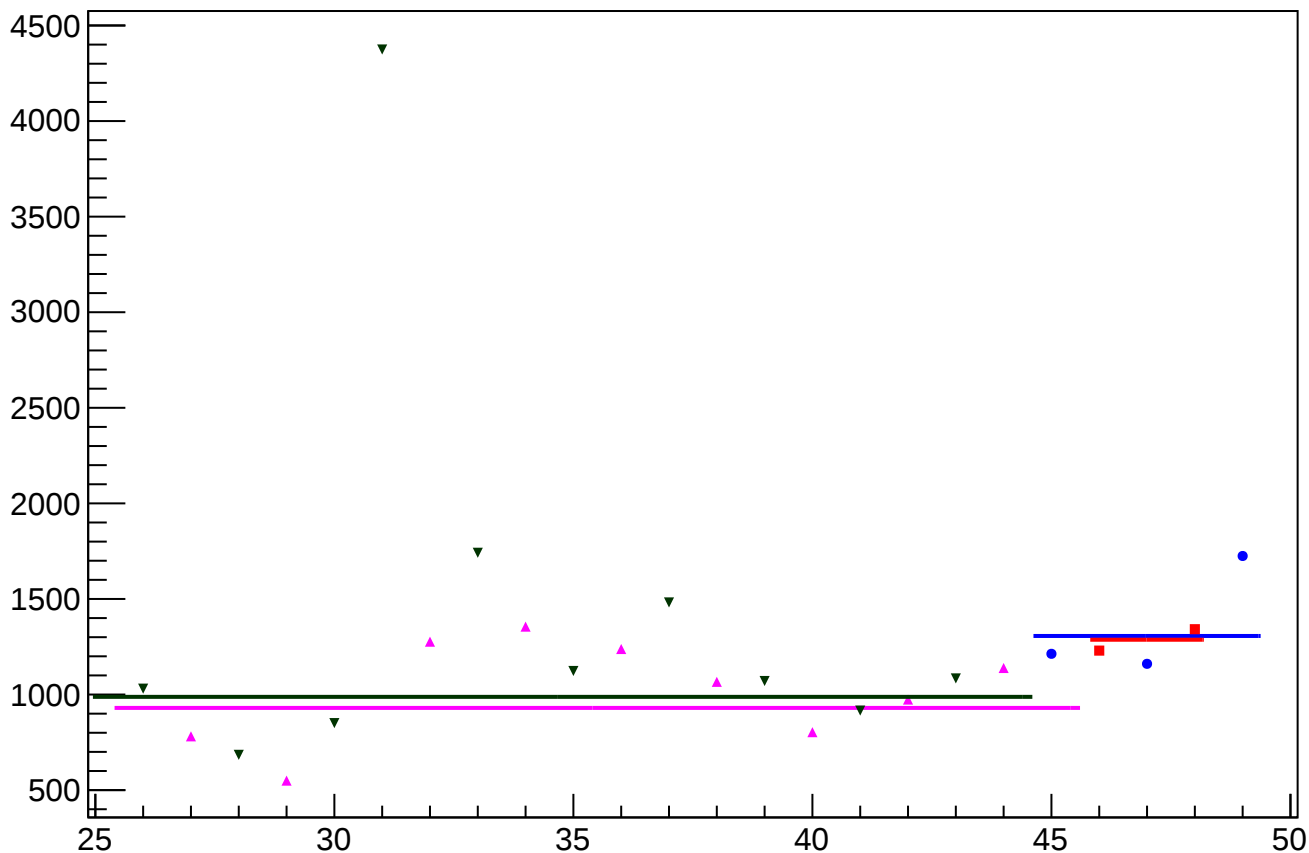
Right Out: 1.458 $\pm$ 2.195 χ^2 /NDF: 0.0/1

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

1.062 $\pm$ 0.752 χ^2 /NDF: 10.1/12

0.546 $\pm$ 0.616 χ^2 /NDF: 4.6/10

diff_cav4bY_rms vs slug



Right In: 1306.403+/-1.452 χ^2/NDF : 23073.9/2

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

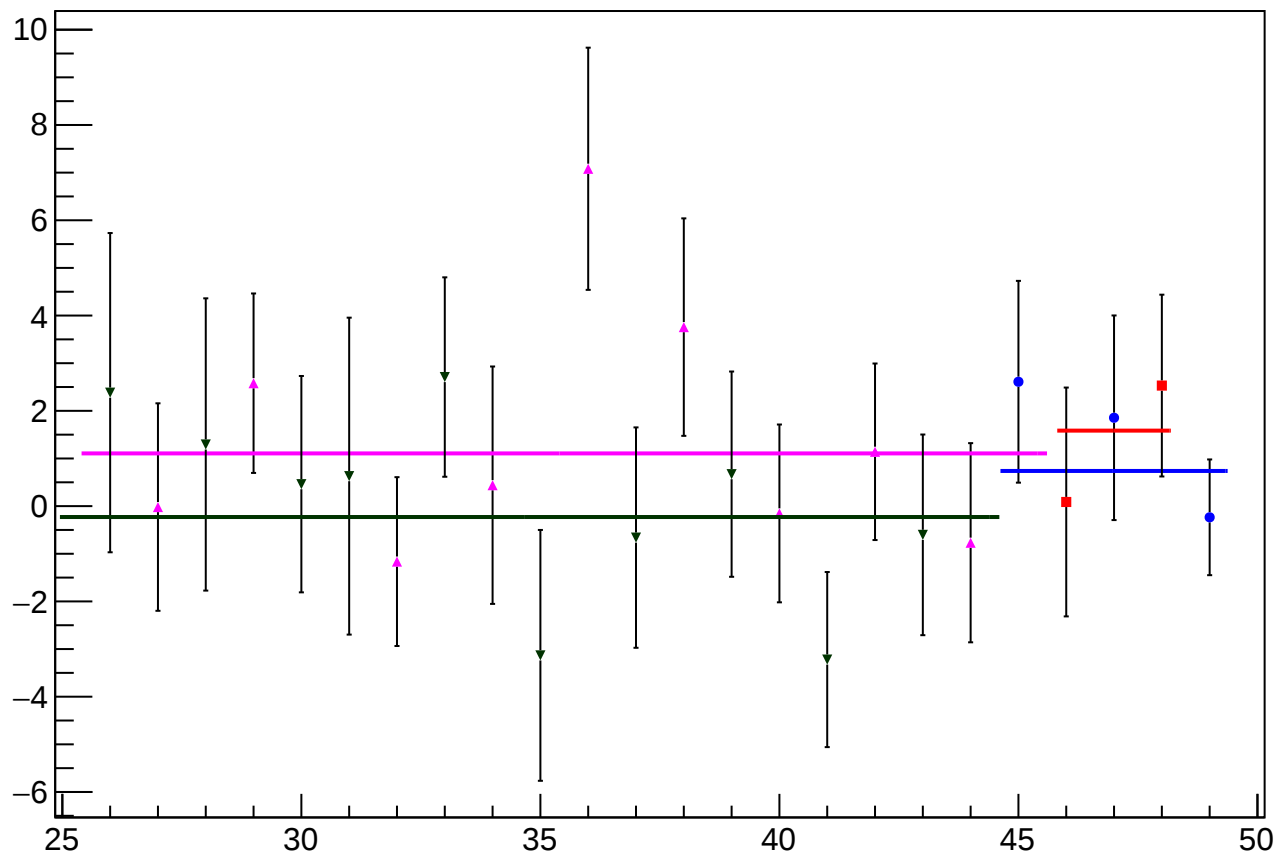
Right Out: 1286.662+/-1.552 χ^2/NDF : 1300.4/1

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

1030.544+/-0.531 χ^2/NDF : 335623.1/12

958.163+/-0.436 χ^2/NDF : 398808.1/10

diff_cav4cX_mean vs slug



Right In: 0.738+/-0.946 χ^2/NDF : 1.7/2

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

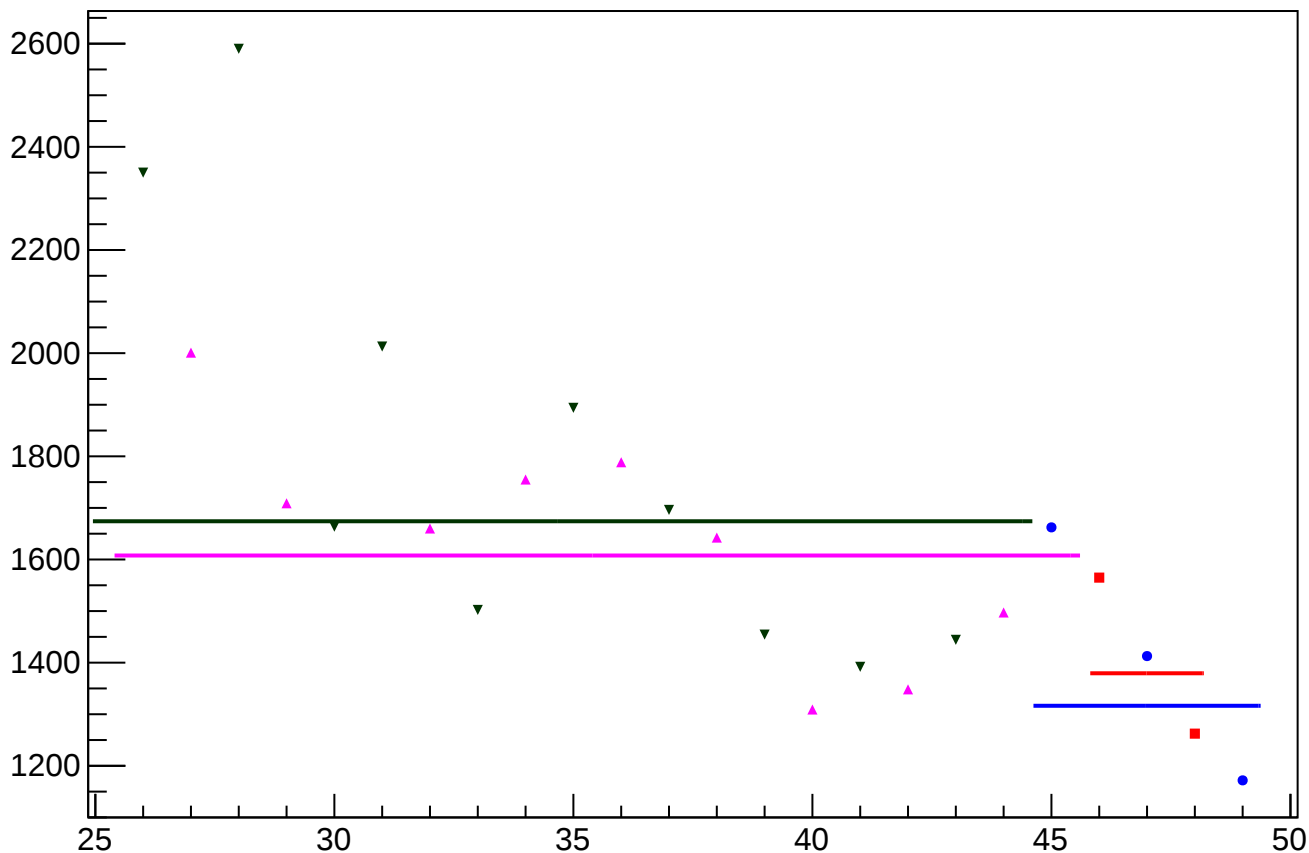
Right Out: 1.585+/-1.494 χ^2/NDF : 0.6/1

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

0.145+/-0.588 χ^2/NDF : 9.4/12

1.190+/-0.623 χ^2/NDF : 11.4/10

diff_cav4cX_rms vs slug



Right In: 1316.400+/-0.669 χ^2/NDF : 85718.1/2

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

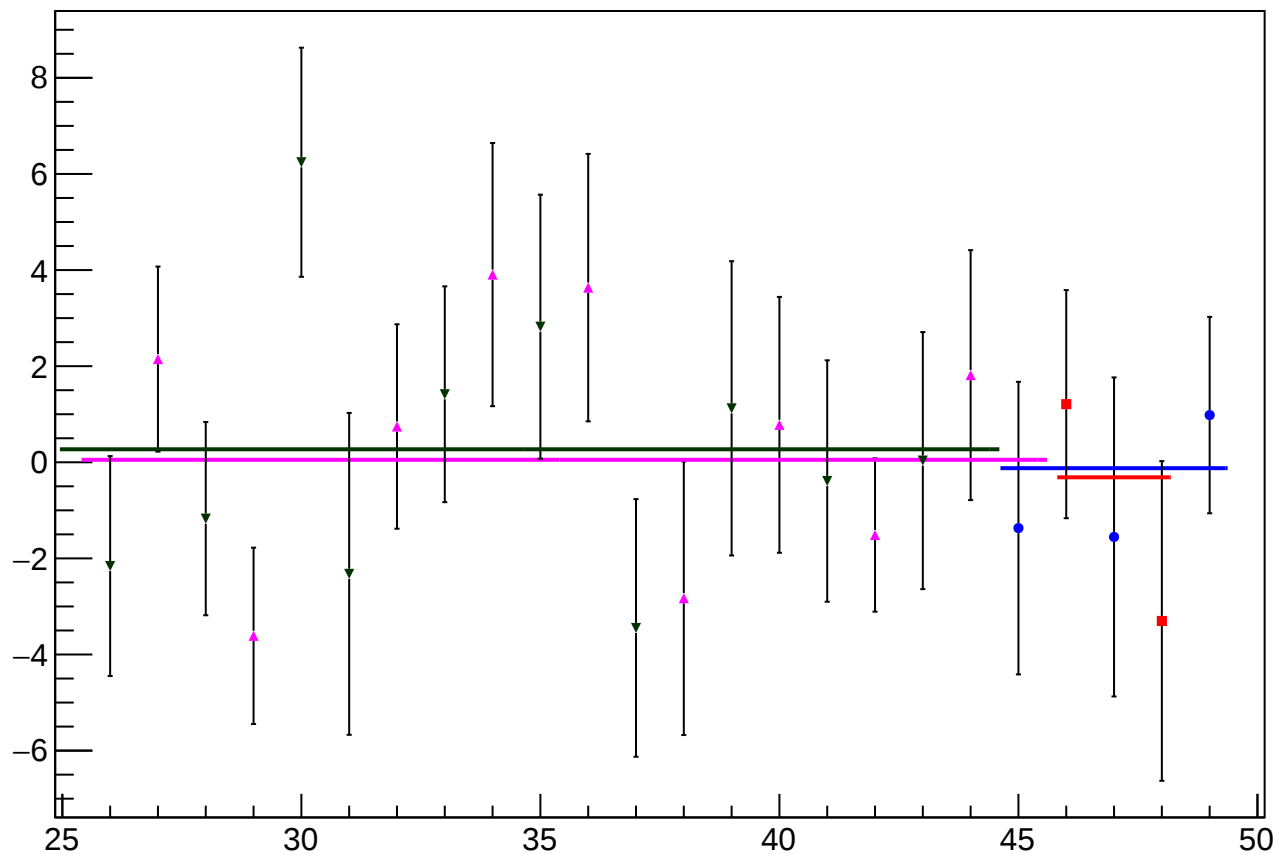
Right Out: 1379.409+/-1.056 χ^2/NDF : 19448.4/1

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

1535.955+/-0.416 χ^2/NDF : 661256.7/12

1567.983+/-0.441 χ^2/NDF : 244378.4/10

diff_cav4cY_mean vs slug



Right In: -0.122+/-1.511 χ^2/NDF : 0.6/2

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

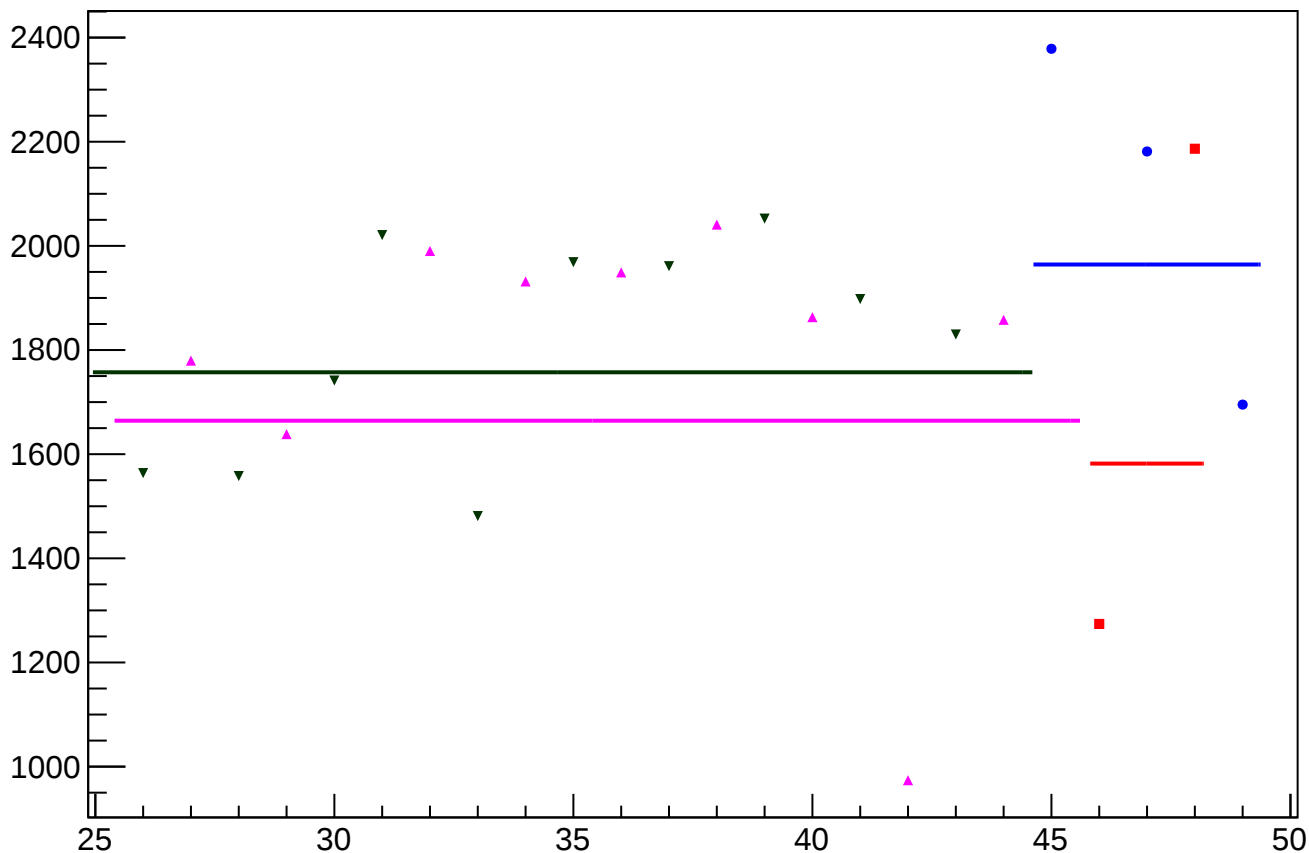
Right Out: -0.313+/-1.932 χ^2/NDF : 1.2/1

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

0.185+/-0.704 χ^2/NDF : 12.4/12

0.006+/-0.686 χ^2/NDF : 12.7/10

diff_cav4cY_rms vs slug



Right In: 1964.229+/-1.068 χ^2/NDF : 80243.8/2

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

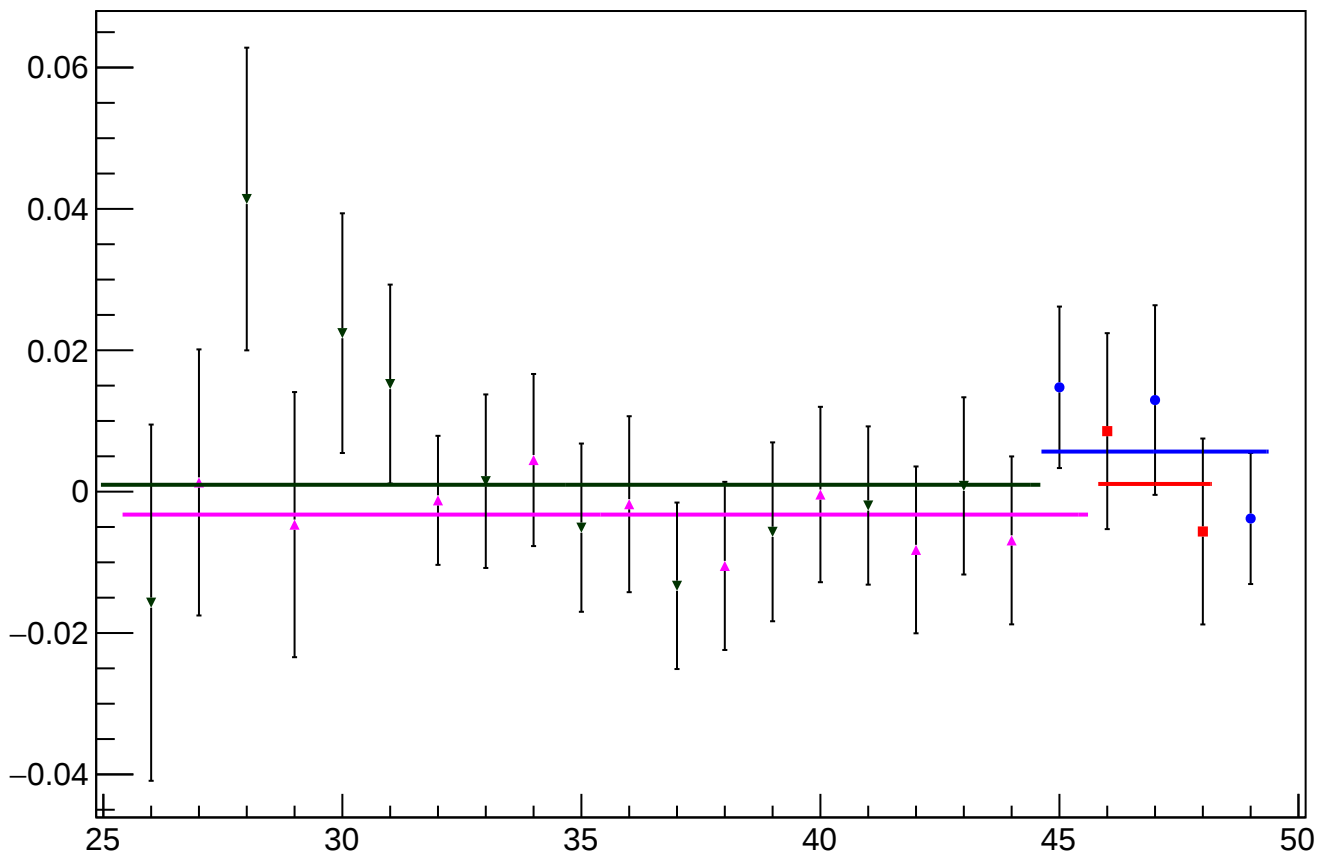
Right Out: 1581.927+/-1.366 χ^2/NDF : 99748.7/1

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

1802.234+/-0.498 χ^2/NDF : 235987.2/12

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

diff_cav4dX_mean vs slug



Right In: 0.006 $\pm$ 0.006 χ^2/NDF : 2.0/2

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

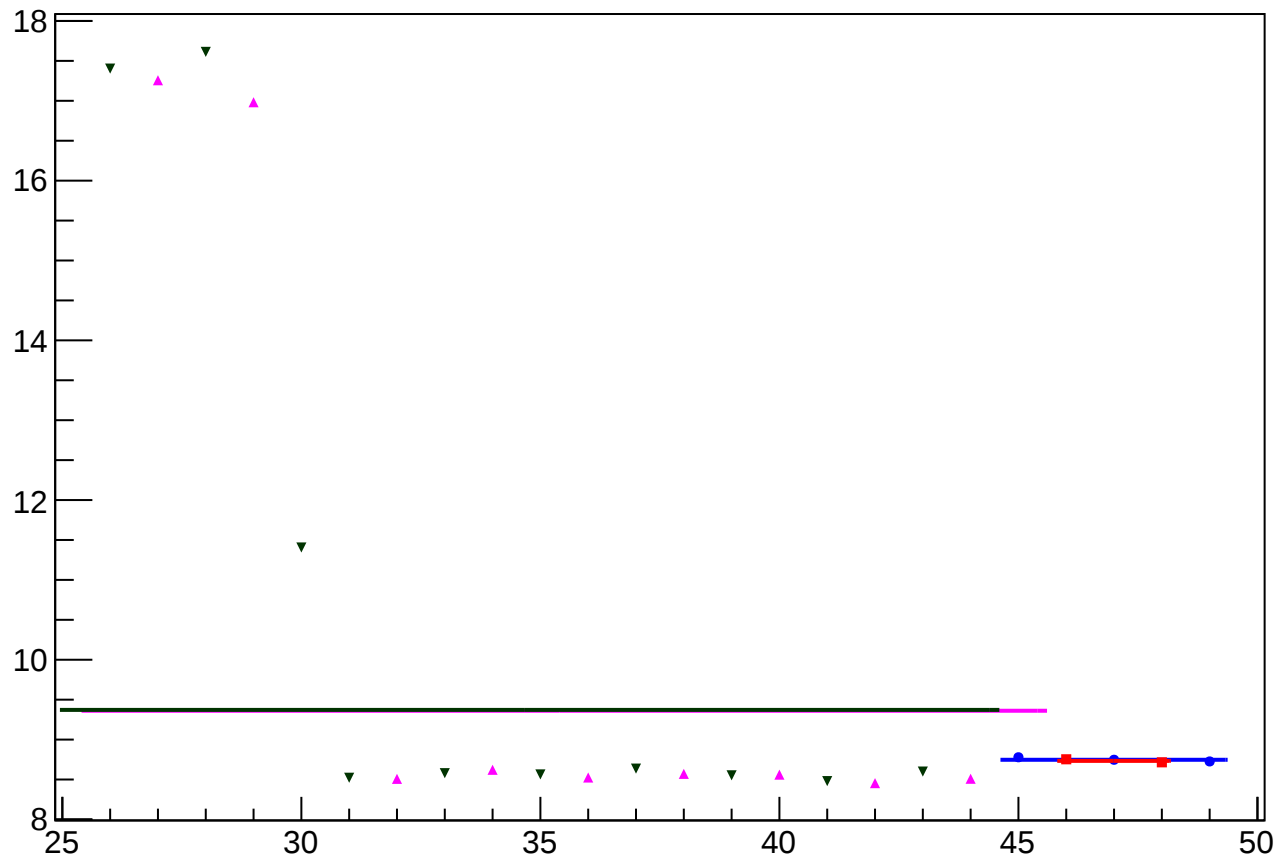
Right Out: 0.001 $\pm$ 0.010 χ^2/NDF : 0.6/1

Left In: -0.003 $\pm$ 0.004 χ^2/NDF : 1.2/8

0.002 $\pm$ 0.004 χ^2/NDF : 11.1/12

-0.003 $\pm$ 0.004 χ^2/NDF : 2.0/10

diff_cav4dX_rms vs slug



Right In: 8.747+/-0.004 χ^2/NDF : 25.2/2

Left Out: 9.372+/-0.003 χ^2/NDF : 589618.0/9

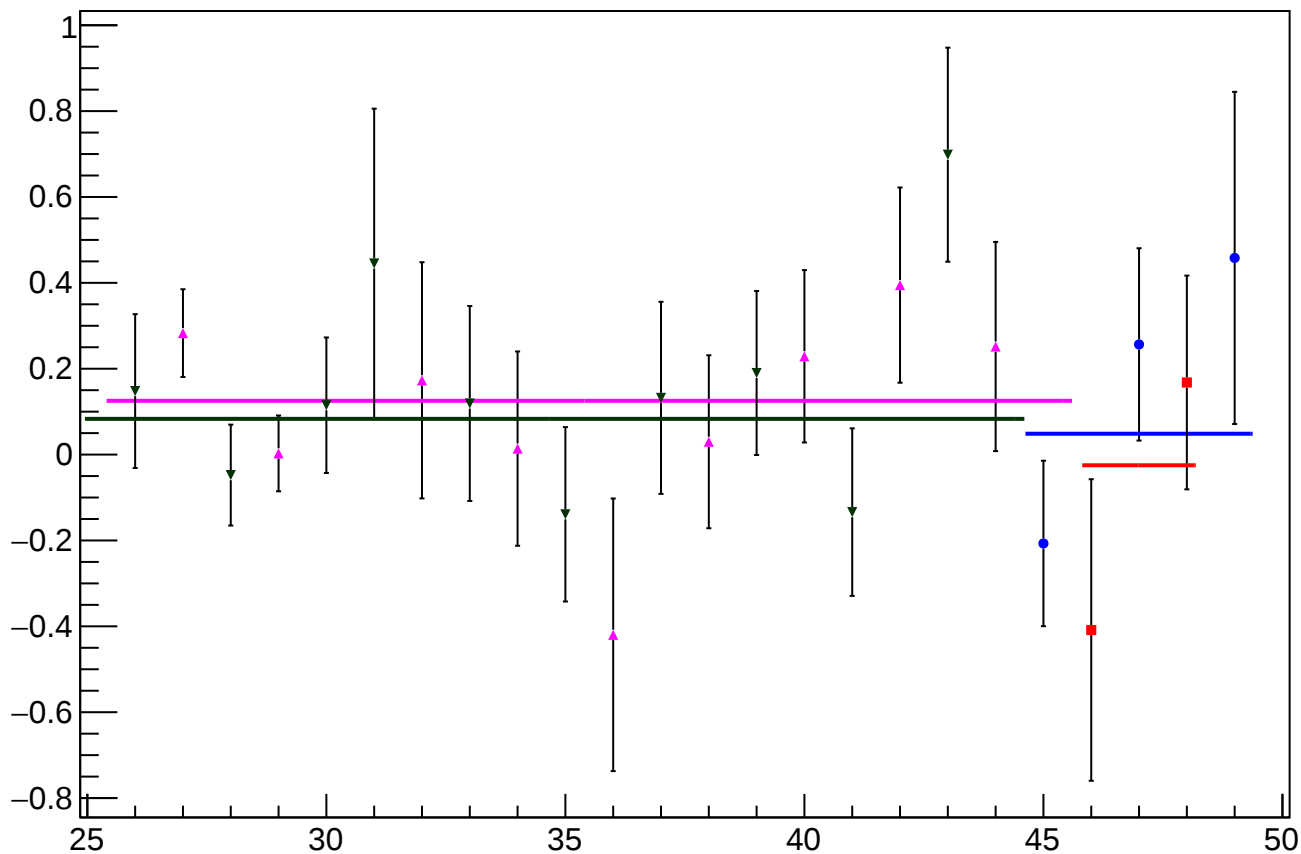
Right Out: 8.733+/-0.007 χ^2/NDF : 7.9/1

Left In: 9.361+/-0.003 χ^2/NDF : 755360.8/8

9.174+/-0.003 χ^2/NDF : 602909.1/12

9.262+/-0.003 χ^2/NDF : 762665.3/10

diff_cav4dY_mean vs slug



Right In: 0.049 $\pm$ 0.137 χ^2 /NDF: 3.7/2

Left Out: 0.083 $\pm$ 0.059 χ^2 /NDF:11.3/9

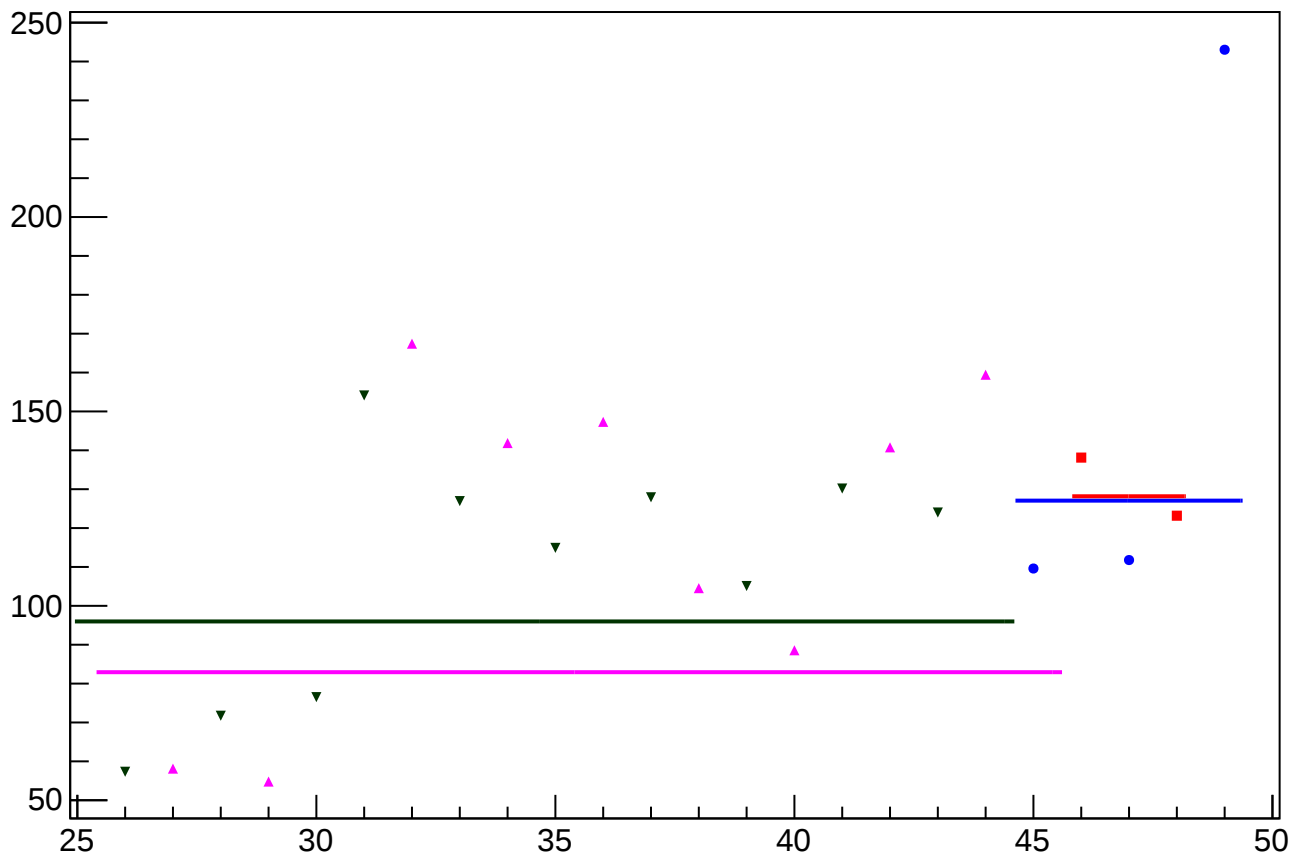
Right Out: -0.025 $\pm$ 0.203 χ^2 /NDF: 1.8/1

Left In: 0.125 $\pm$ 0.053 χ^2 /NDF:9.7/8

0.078 $\pm$ 0.054 χ^2 /NDF: 15.1/12

0.116 $\pm$ 0.052 χ^2 /NDF: 12.0/10

diff_cav4dY_rms vs slug



Right In: 127.058+/-0.097 χ^2/NDF : 205478.4/2

Left Out: 95.985+/-0.042 χ^2/NDF : 447225.2/9

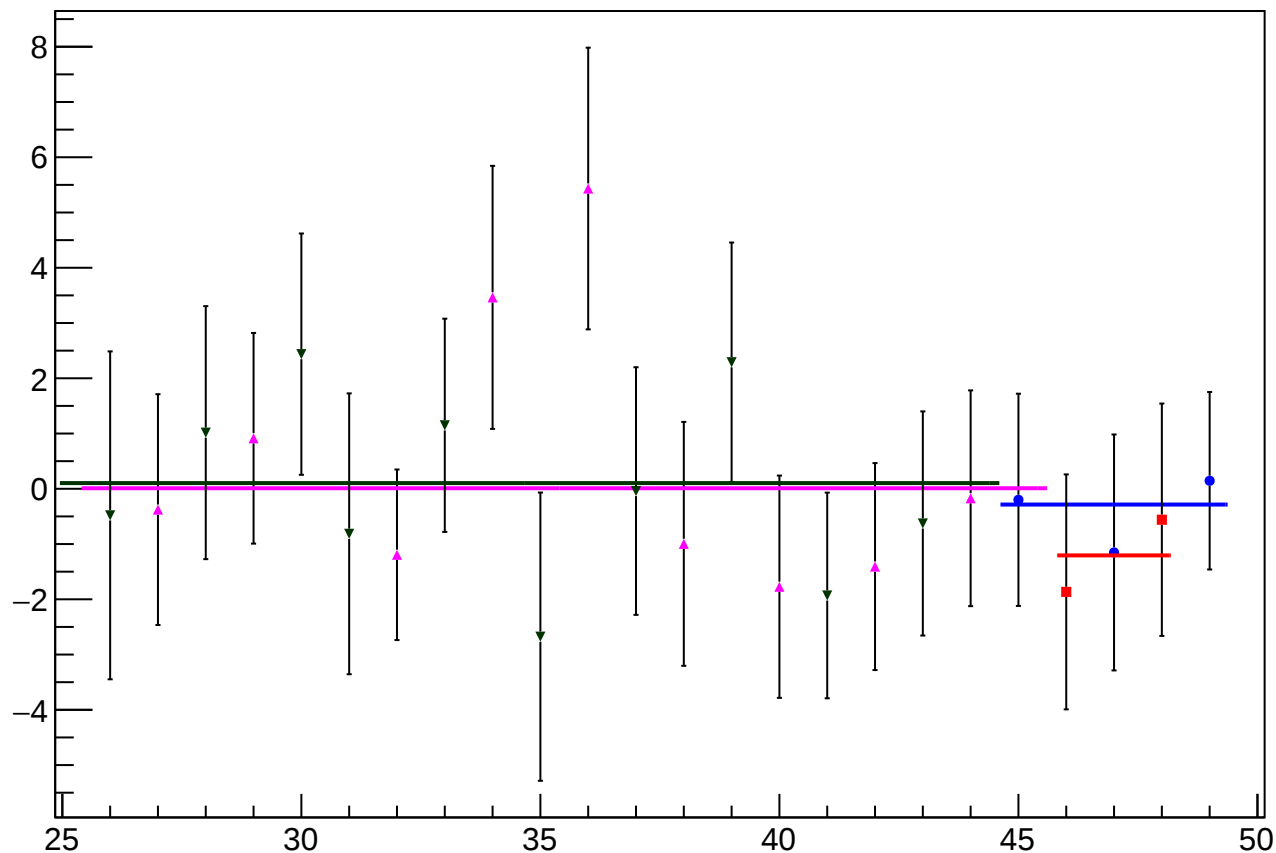
Right Out: 128.180+/-0.144 χ^2/NDF : 2410.6/1

Left In: 82.933+/-0.038 χ^2/NDF : 1079060.0/8

100.902+/-0.038 χ^2/NDF : 739755.2/12

85.844+/-0.036 χ^2/NDF : 1174348.0/10

diff_bpm4aX_mean vs slug



Right In: -0.285 ± 1.067 χ^2/NDF : 0.2/2

Left Out: 0.103 ± 0.702 χ^2/NDF : 5.2/9

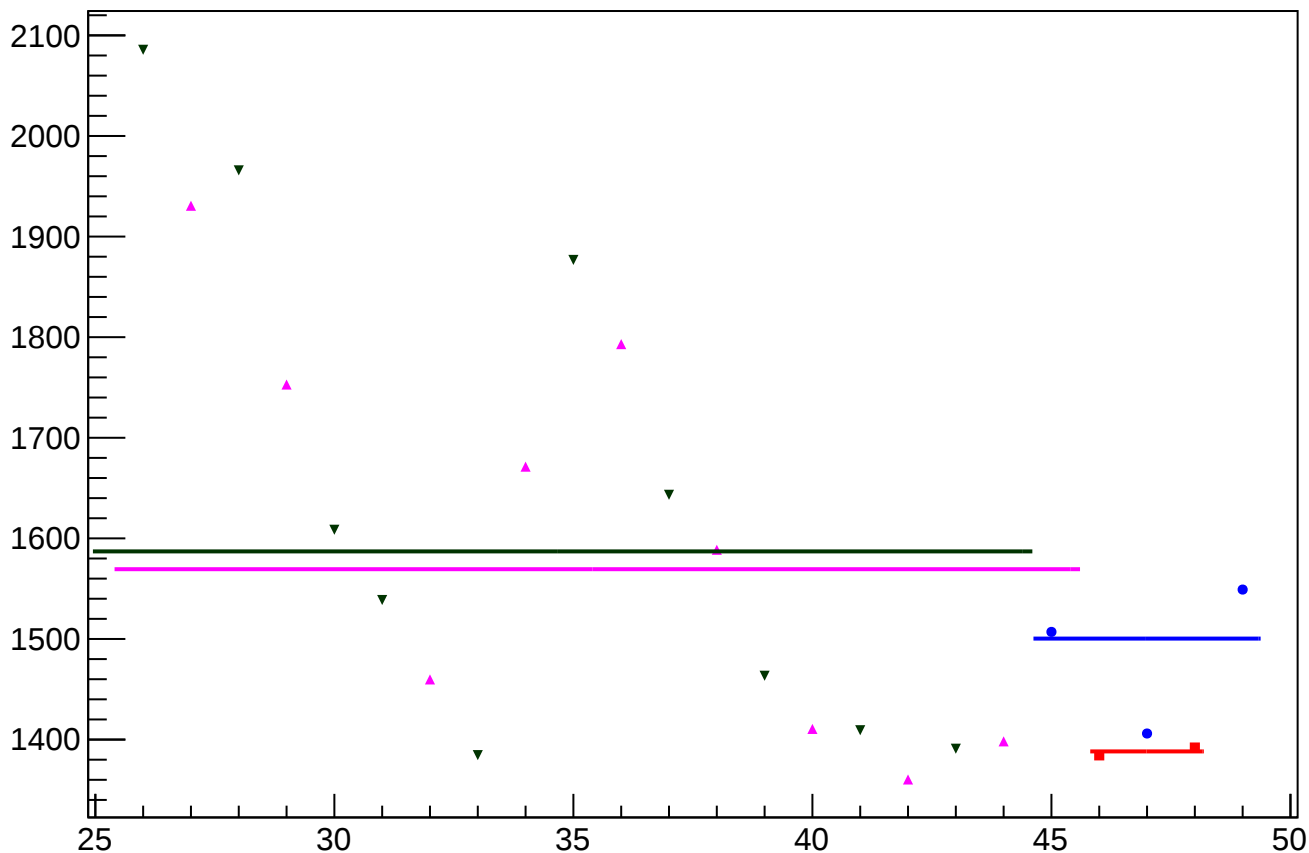
Right Out: -1.205 ± 1.495 χ^2/NDF : 0.2/1

Left In: 0.010 ± 0.666 χ^2/NDF : 9.1/8

-0.014 ± 0.587 χ^2/NDF : 5.6/12

-0.191 ± 0.608 χ^2/NDF : 9.8/10

diff_bpm4aX_rms vs slug



Right In: 1500.384+/-0.755 χ^2/NDF : 5771.5/2

Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

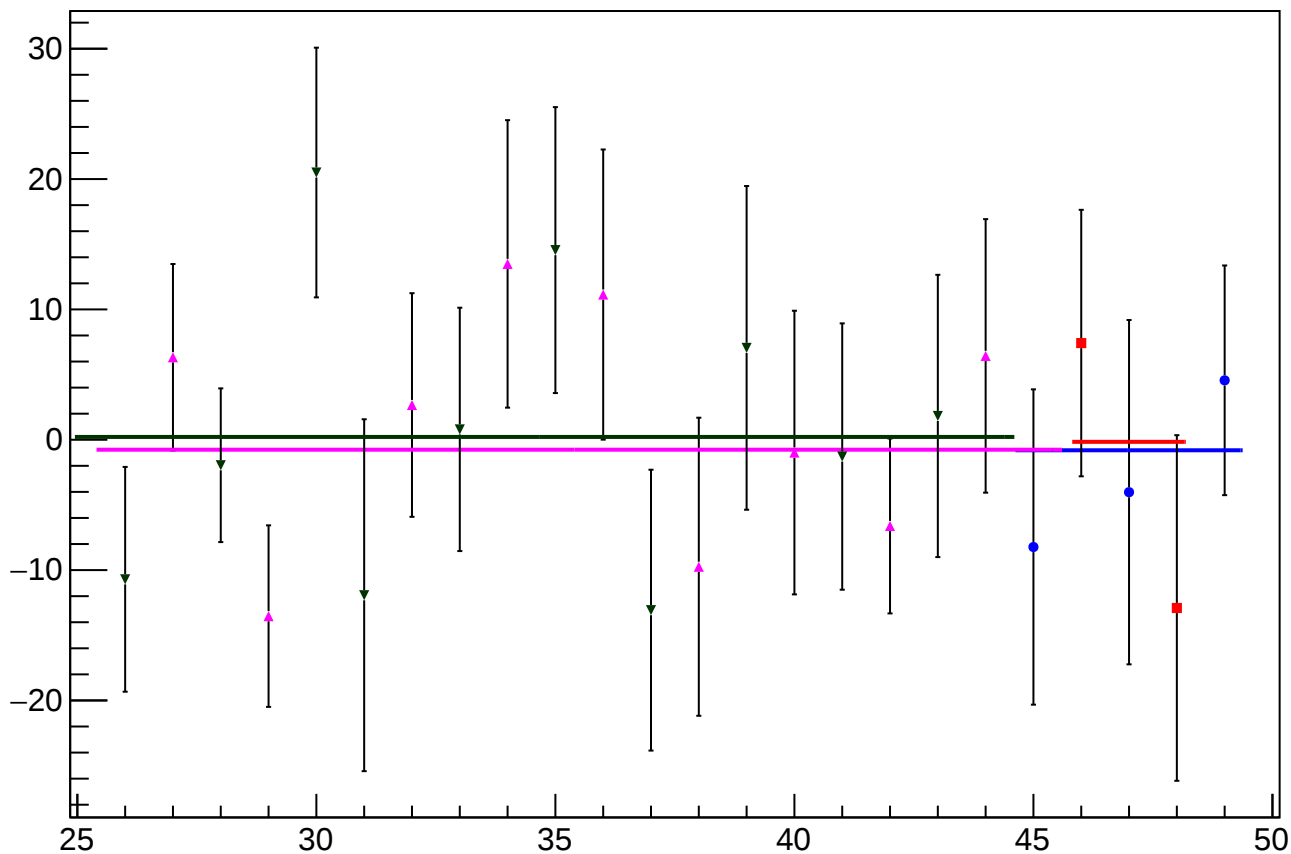
1560.865+/-0.415 χ^2/NDF : 218563.9/12

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

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

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

diff_bpm4aY_mean vs slug



Right In: -0.807 ± 6.268 χ^2/NDF : 0.8/2

Left Out: 0.216 ± 2.994 χ^2/NDF : 10.6/9

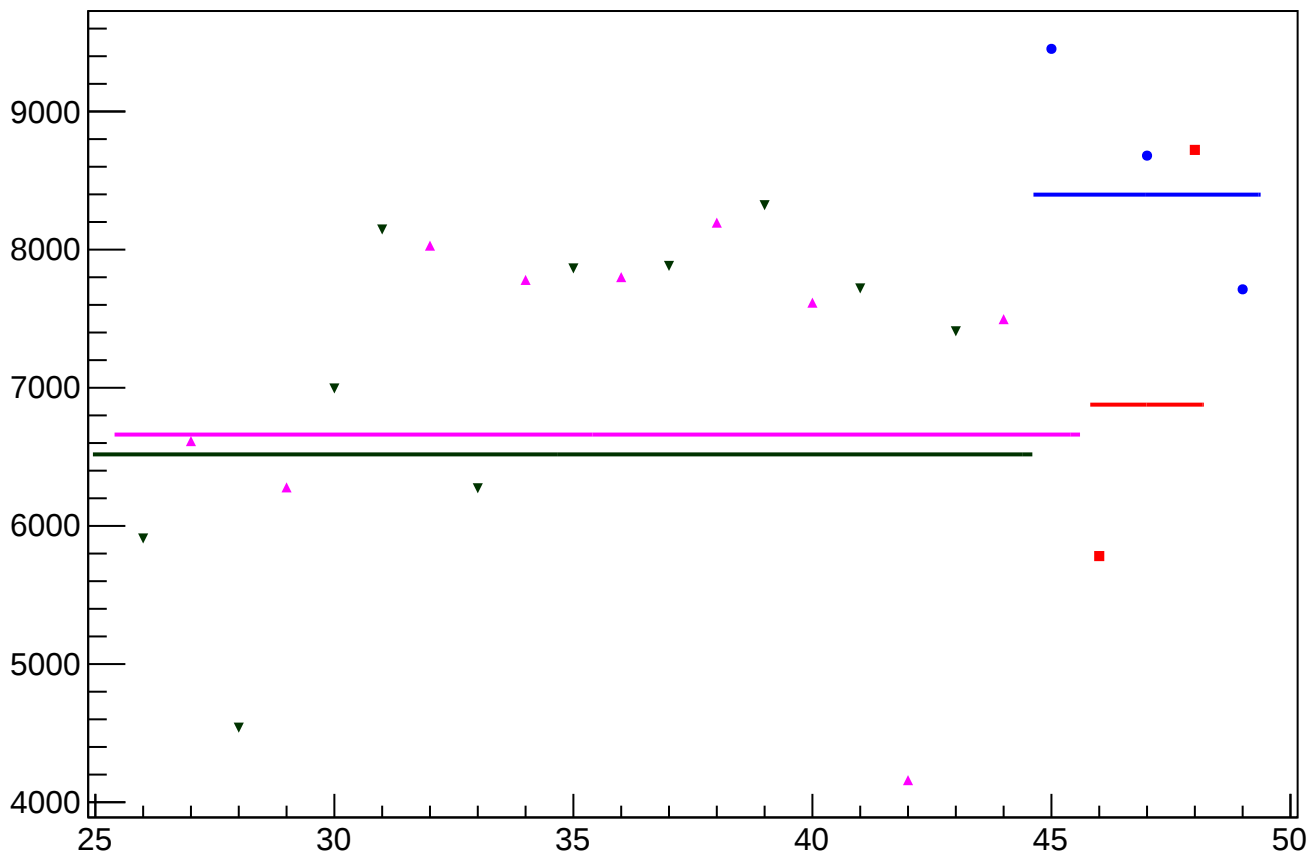
Right Out: -0.160 ± 8.096 χ^2/NDF : 1.5/1

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

0.026 ± 2.701 χ^2/NDF : 11.4/12

-0.694 ± 2.745 χ^2/NDF : 10.6/10

diff_bpm4aY_rms vs slug



Right In: 8398.090+/-4.432 χ^2/NDF : 28242.6/2

Left Out: 6517.791+/-2.117 χ^2/NDF : 416045.1/9

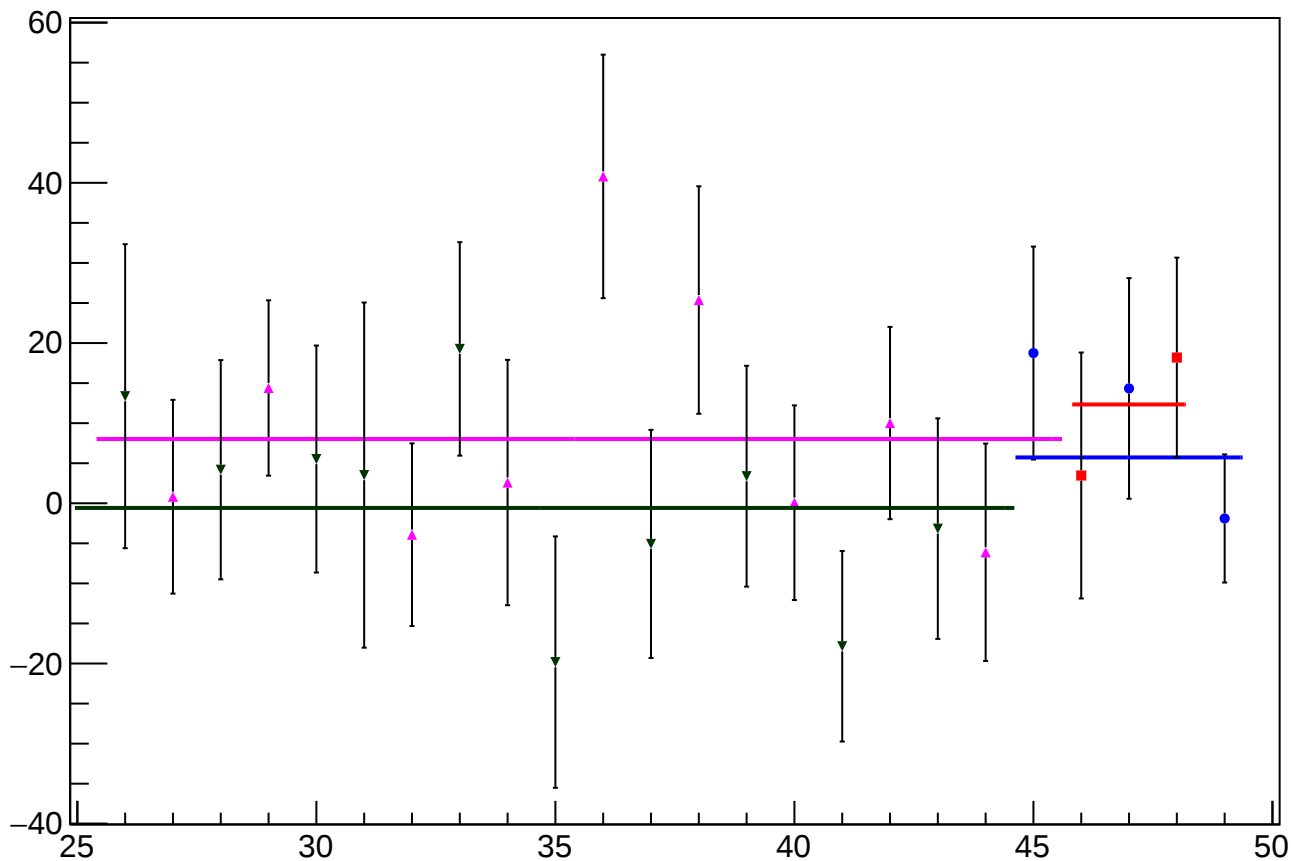
Right Out: 6877.908+/-5.724 χ^2/NDF : 61685.1/1

Left In: 6661.299+/-2.063 χ^2/NDF : 440651.7/8

6866.989+/-1.910 χ^2/NDF : 590829.5/12

6686.207+/-1.941 χ^2/NDF : 503603.9/10

diff_bpm4eX_mean vs slug



Right In: 5.723 ± 6.134 χ^2/NDF : 2.3/2

Left Out: -0.581 ± 4.588 χ^2/NDF : 6.9/9

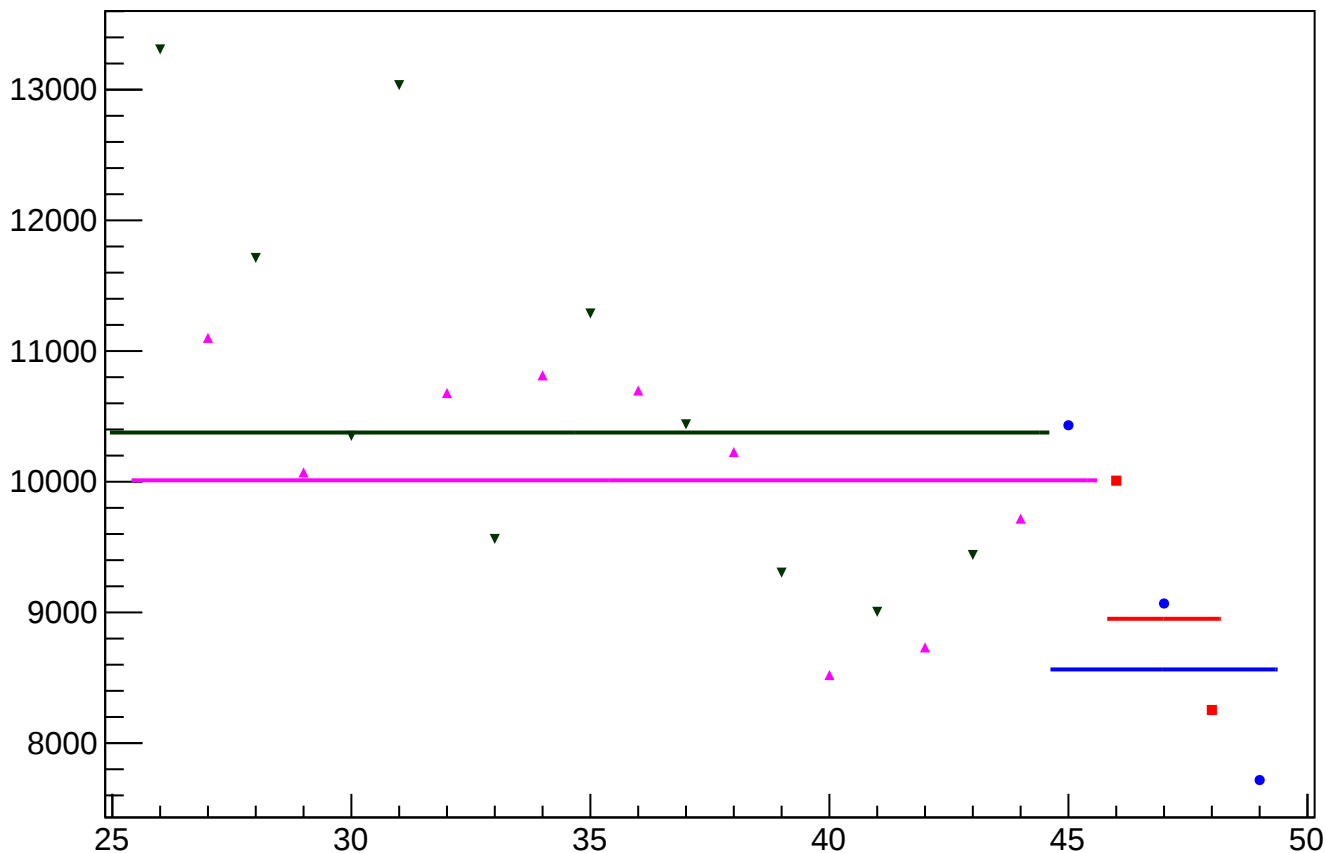
Right Out: 12.336 ± 9.679 χ^2/NDF : 0.6/1

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

1.681 ± 3.674 χ^2/NDF : 9.9/12

8.718 ± 3.885 χ^2/NDF : 10.3/10

diff_bpm4eX_rms vs slug



Right In: 8563.796 ± 4.338 χ^2/NDF : 64627.1/2

Left Out: 10376.591 ± 3.244 χ^2/NDF : 159508.6/9

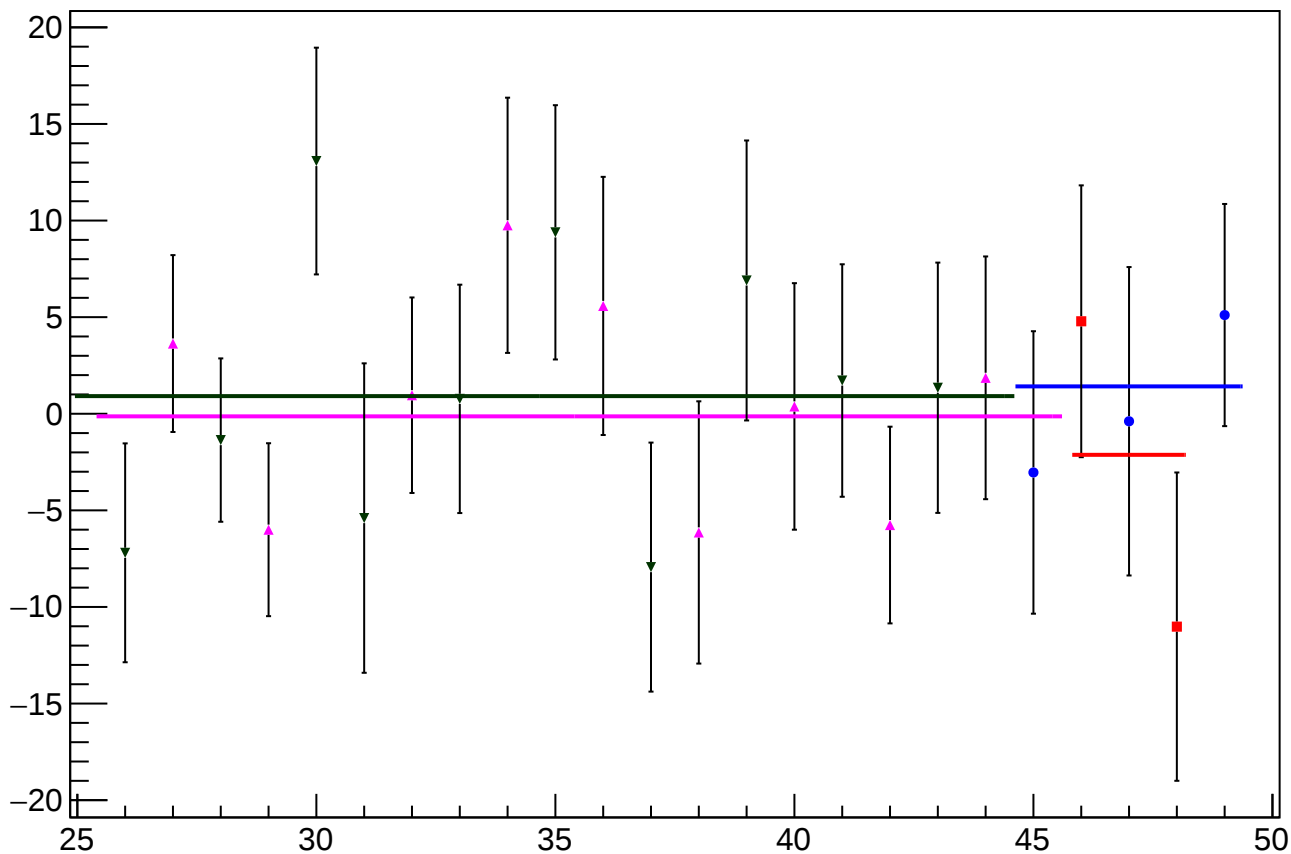
Right Out: 8951.298 ± 6.844 χ^2/NDF : 15744.7/1

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

9726.292 ± 2.598 χ^2/NDF : 336140.7/12

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

diff_bpm4eY_mean vs slug



Right In: 1.417 $\pm$ 3.933 χ^2 /NDF: 0.8/2

Left Out: 0.913 $\pm$ 1.896 χ^2 /NDF:11.5/9

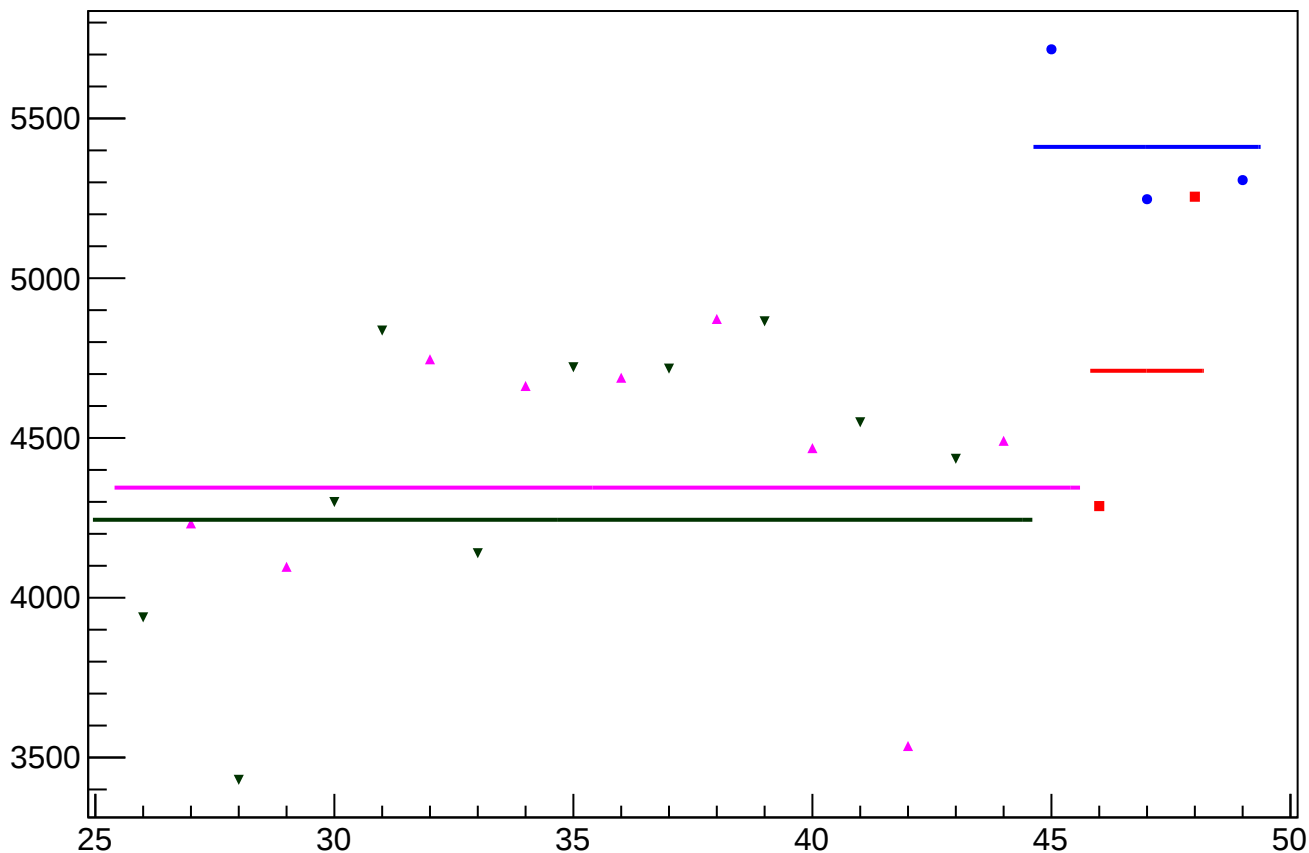
Right Out: -2.126 $\pm$ 5.277 χ^2 /NDF: 2.2/1

Left In: -0.134 $\pm$ 1.850 χ^2 /NDF:7.5/8

1.008 $\pm$ 1.708 χ^2 /NDF: 12.4/12

-0.352 $\pm$ 1.746 χ^2 /NDF: 9.9/10

diff_bpm4eY_rms vs slug



Right In: 5410.952 $\pm$ 2.781 χ^2 /NDF: 4983.7/2

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

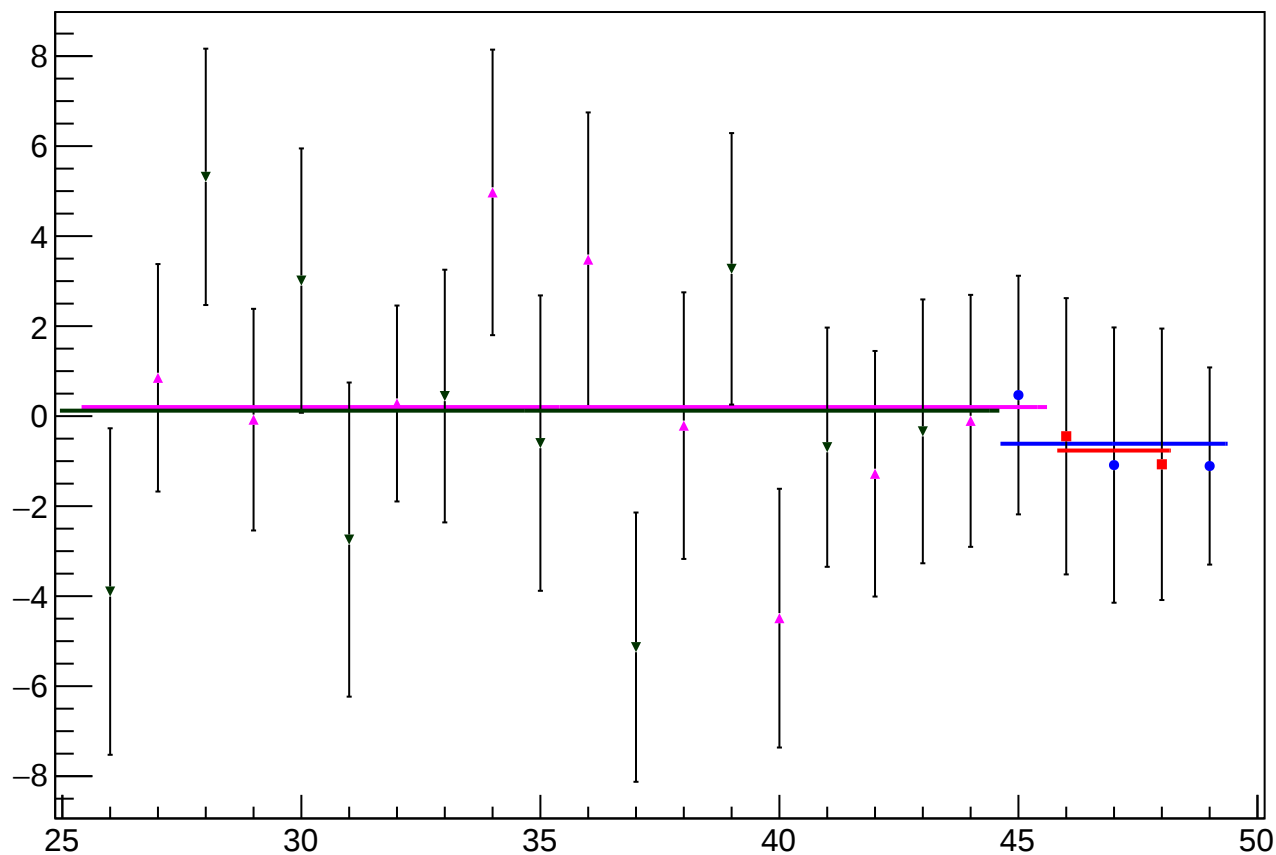
Right Out: 4710.292 $\pm$ 3.731 χ^2 /NDF: 16568.4/1

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

4464.169 $\pm$ 1.208 χ^2 /NDF: 282395.1/12

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

diff_bpm4acX_mean vs slug



Right In: -0.613 ± 1.478 χ^2/NDF : 0.2/2

Left Out: 0.122 ± 0.955 χ^2/NDF : 10.6/9

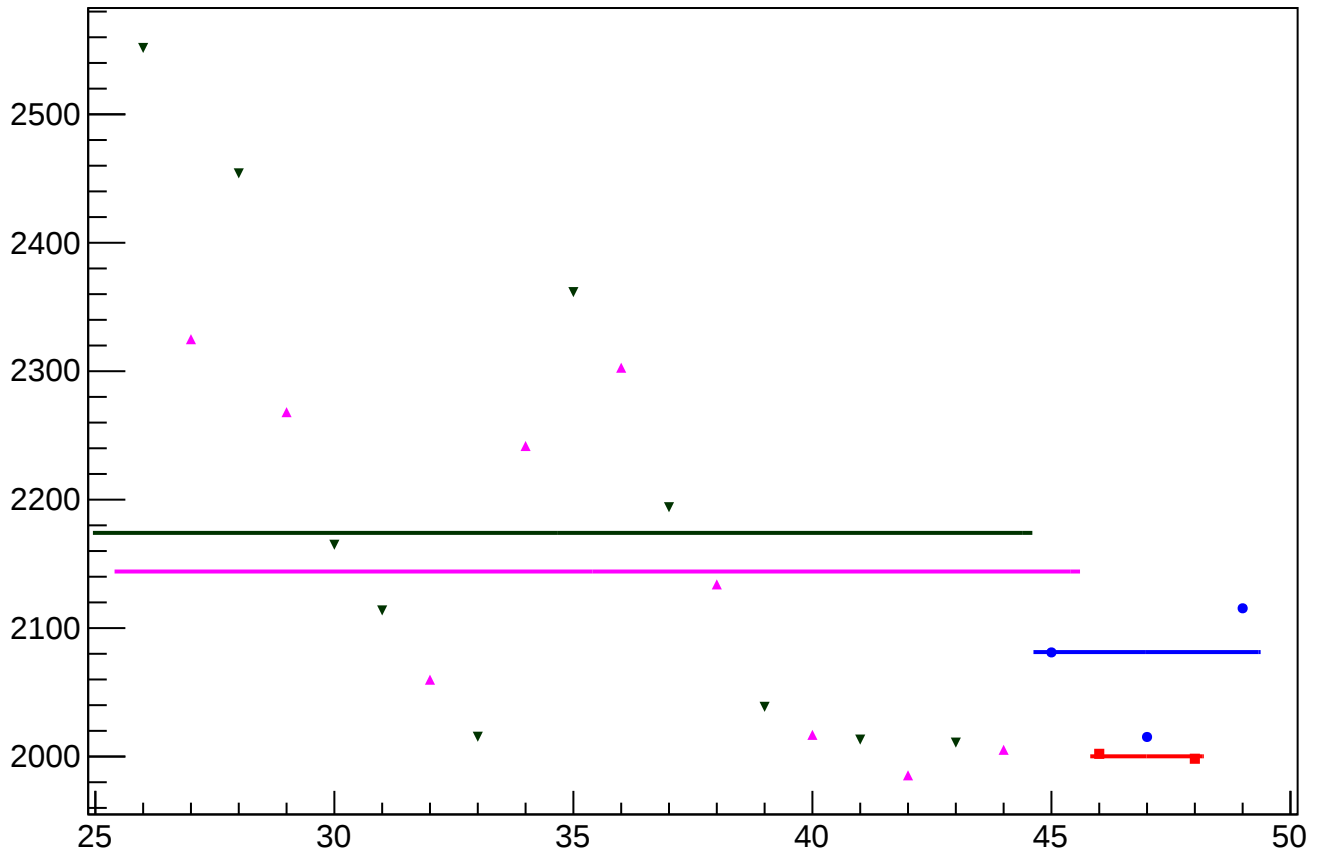
Right Out: -0.764 ± 2.151 χ^2/NDF : 0.0/1

Left In: 0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.095 ± 0.802 χ^2/NDF : 11.0/12

0.056 ± 0.834 χ^2/NDF : 6.5/10

diff_bpm4acX_rms vs slug



Right In: 2081.334+/-1.045 χ^2/NDF : 1418.3/2

Left Out: 2174.130+/-0.675 χ^2/NDF : 72174.6/9

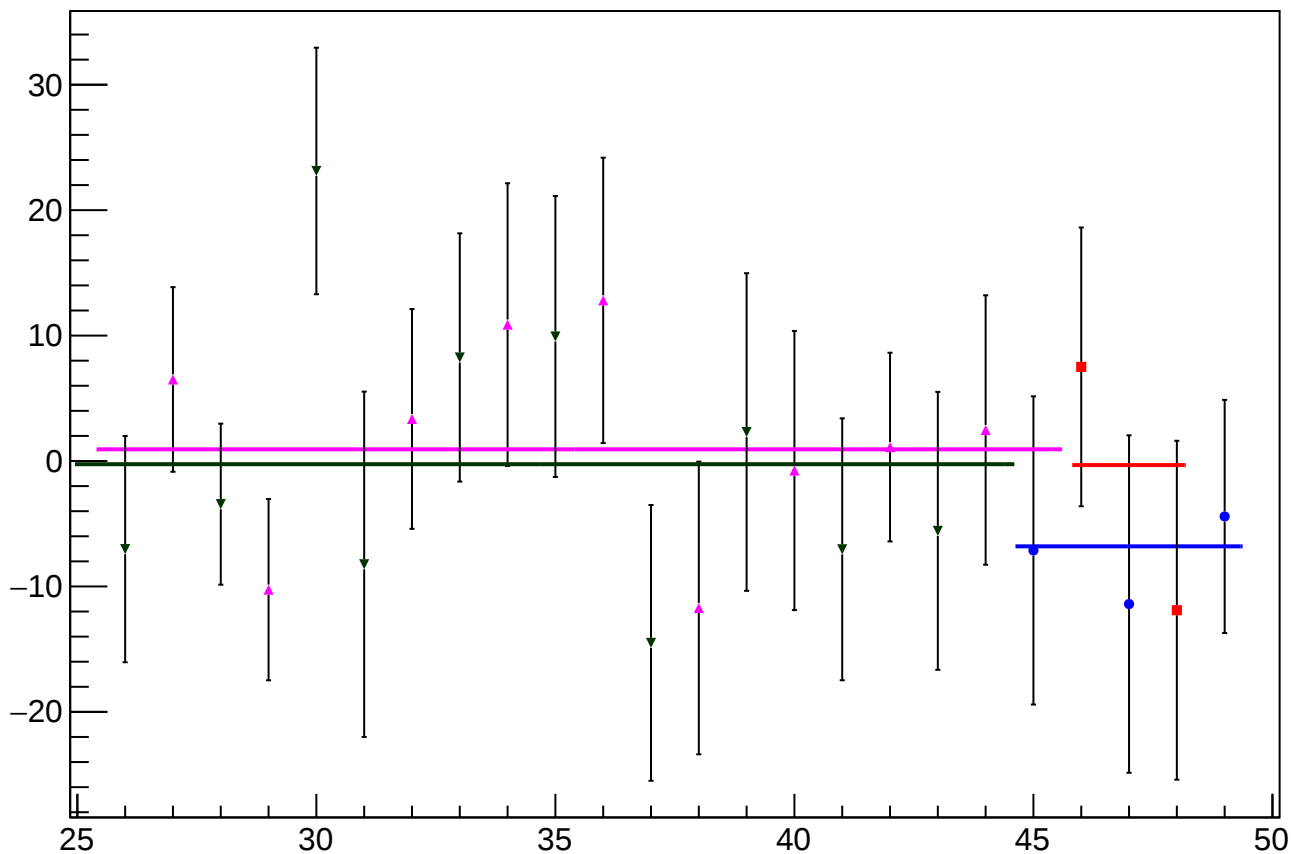
2146.810+/-0.567 χ^2/NDF : 79153.0/12

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

2122.440+/-0.590 χ^2/NDF : 48142.8/10

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

diff_bpm4acY_mean vs slug



Right In: -6.802 $\pm$ 6.491 χ^2 /NDF: 0.2/2

Left Out: -0.253 $\pm$ 3.128 χ^2 /NDF:10.7/9

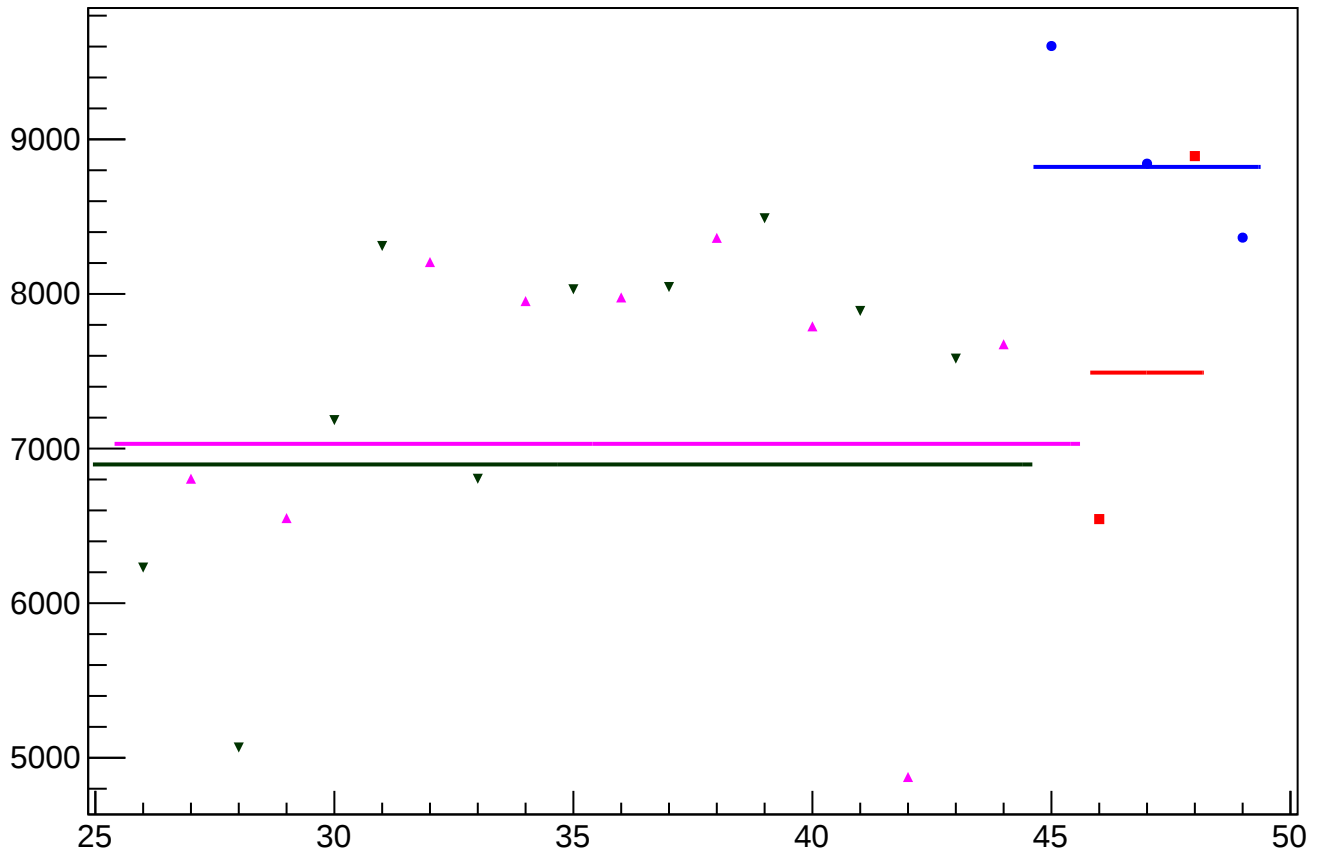
Right Out: -0.324 $\pm$ 8.582 χ^2 /NDF: 1.2/1

Left In: 0.933 $\pm$ 3.043 χ^2 /NDF:6.1/8

-1.487 $\pm$ 2.818 χ^2 /NDF: 11.8/12

0.792 $\pm$ 2.868 χ^2 /NDF: 7.4/10

diff_bpm4acY_rms vs slug



Right In: 8821.717+/-4.590 χ^2/NDF : 12951.0/2

Left Out: 6897.291+/-2.212 χ^2/NDF : 296077.9/9

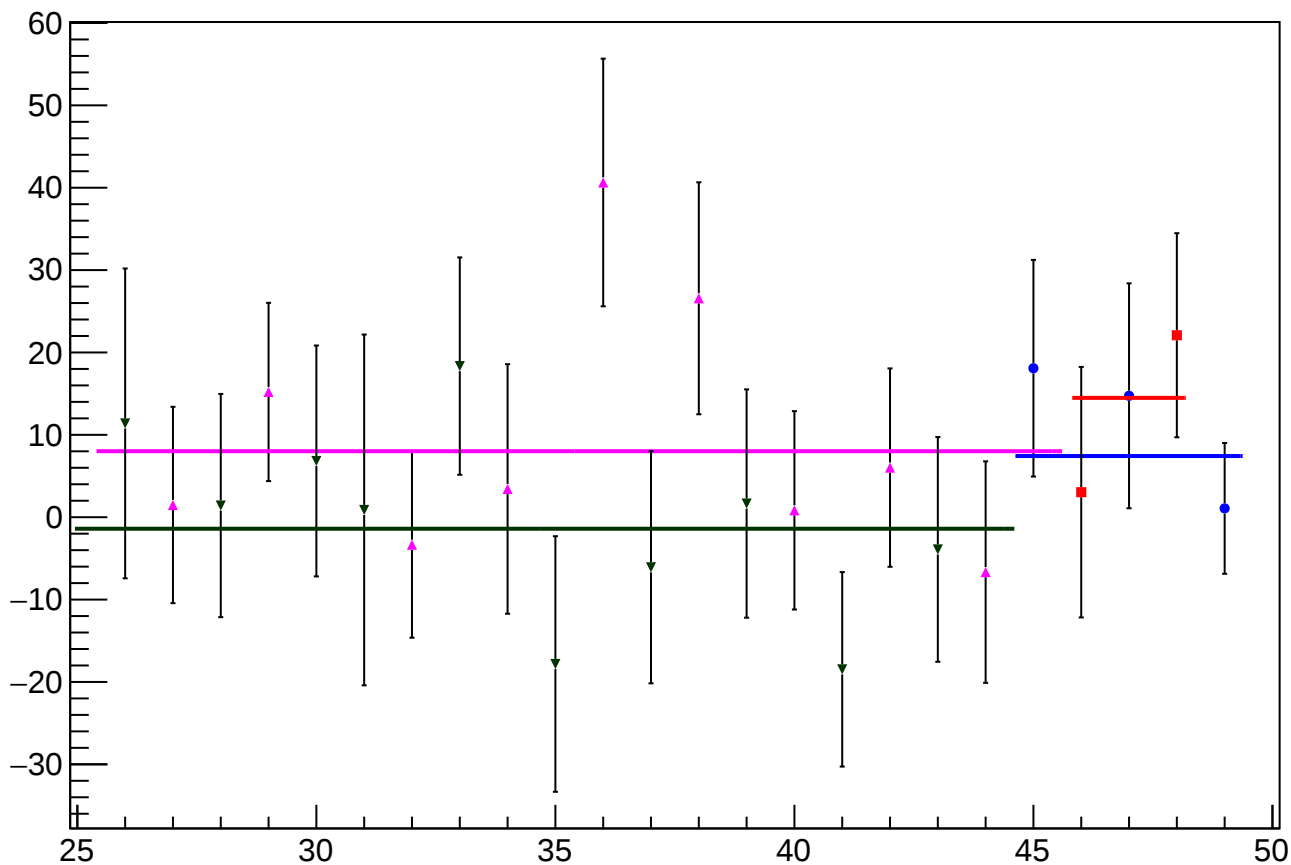
Right Out: 7491.289+/-6.068 χ^2/NDF : 36028.7/1

Left In: 7030.553+/-2.152 χ^2/NDF : 280714.3/8

7259.942+/-1.993 χ^2/NDF : 451676.1/12

7082.007+/-2.028 χ^2/NDF : 321864.2/10

diff_bpm4ecX_mean vs slug



Right In: 7.426 ± 6.084 χ^2/NDF : 1.6/2

Left Out: -1.399 ± 4.552 χ^2/NDF : 6.5/9

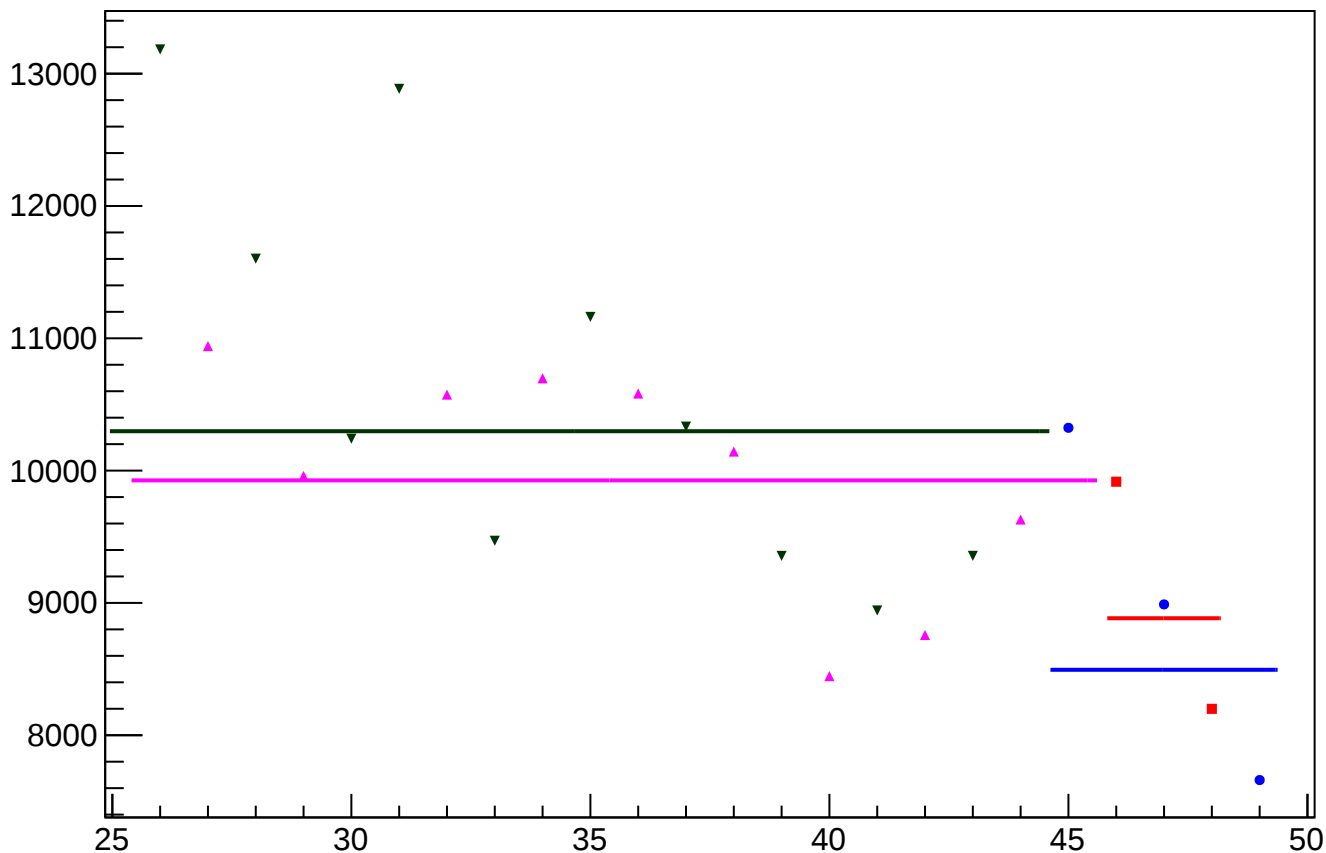
Right Out: 14.489 ± 9.605 χ^2/NDF : 0.9/1

Left In: 8.013 ± 4.204 χ^2/NDF : 9.9/8

1.768 ± 3.645 χ^2/NDF : 9.4/12

9.054 ± 3.851 χ^2/NDF : 11.2/10

diff_bpm4ecX_rms vs slug



Right In: 8494.571+/-4.302 χ^2/NDF : 63345.7/2

Left Out: 10297.699+/-3.219 χ^2/NDF : 154377.9/9

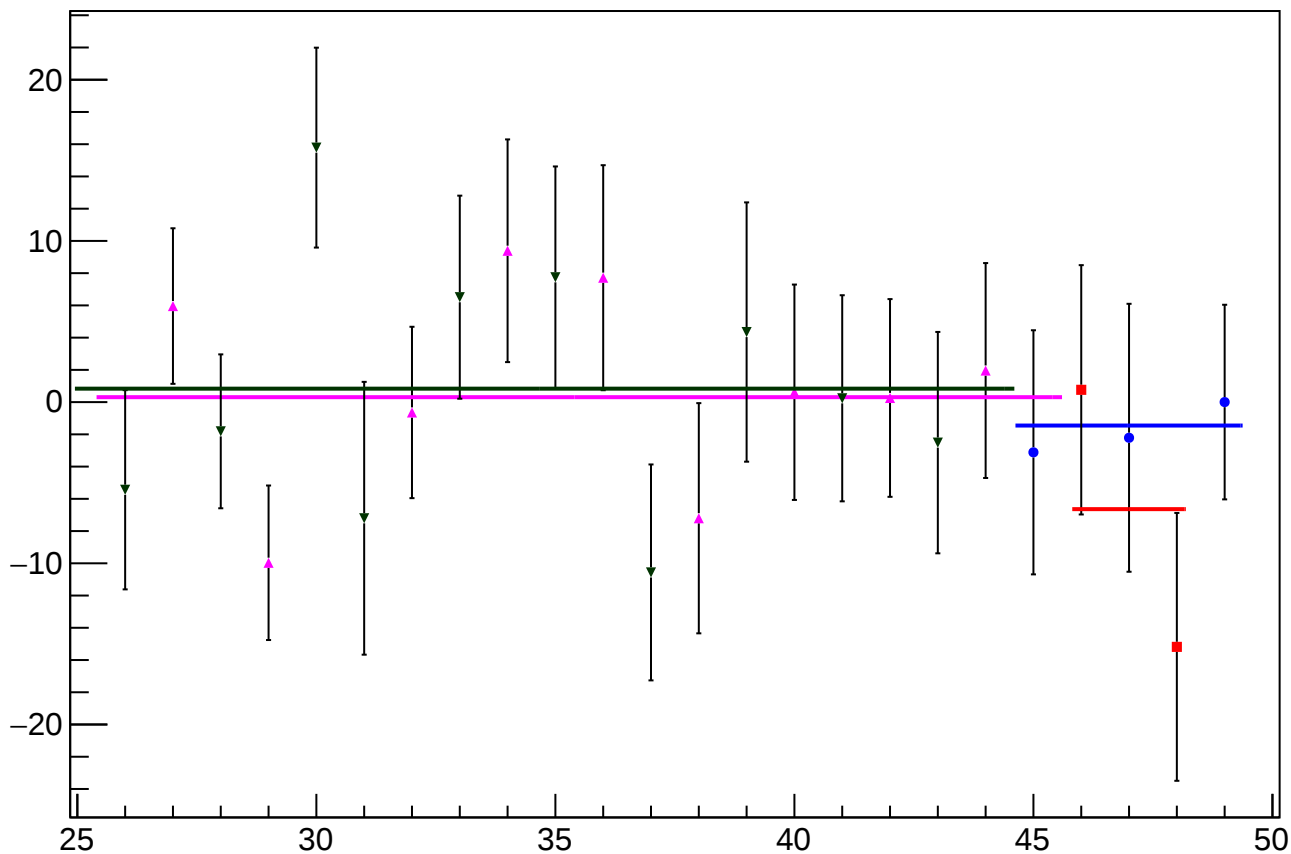
Right Out: 8884.261+/-6.792 χ^2/NDF : 15319.7/1

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

9650.522+/-2.577 χ^2/NDF : 330354.6/12

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

diff_bpm4ecY_mean vs slug



Right In: -1.453+/-4.105 χ^2 /NDF: 0.1/2

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

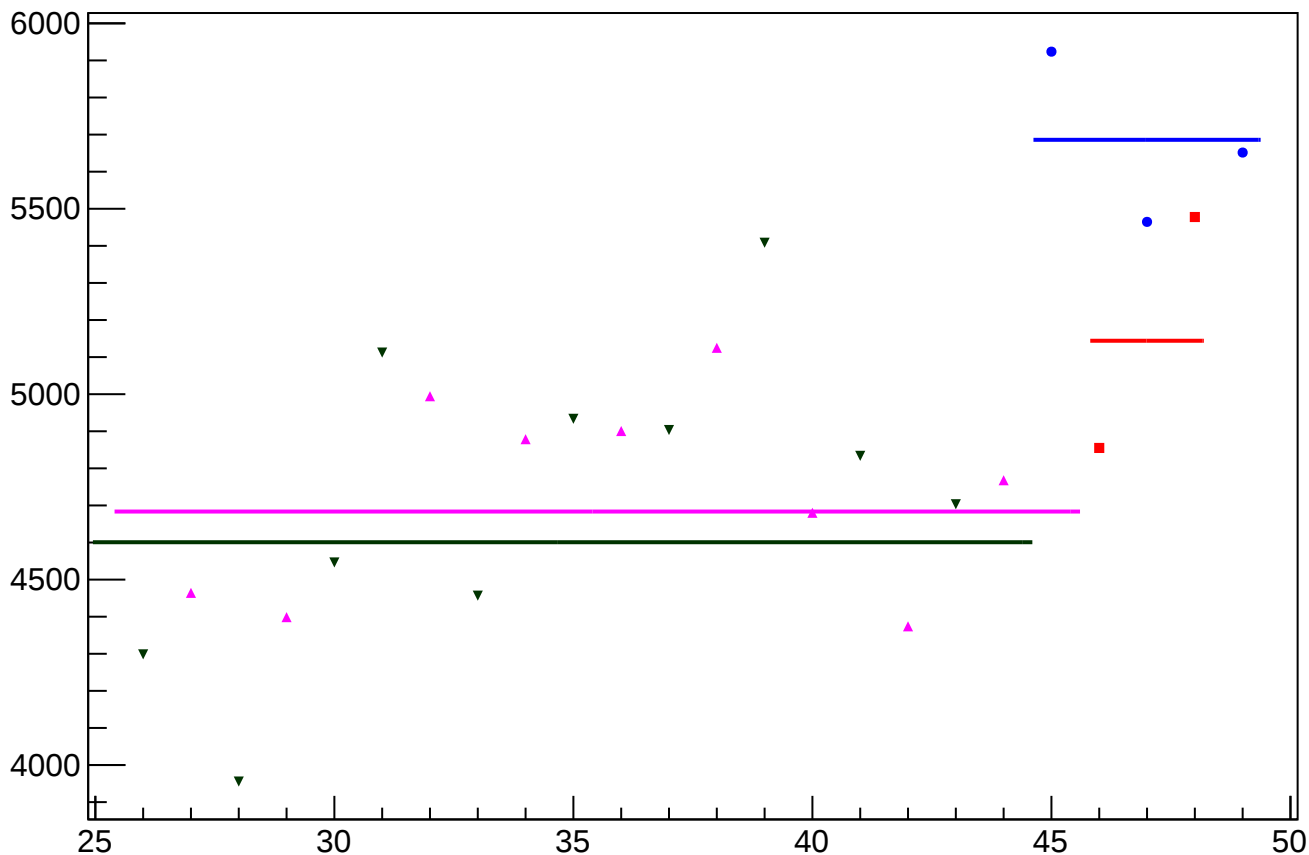
Right Out: -6.639+/-5.661 χ^2 /NDF: 2.0/1

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

0.381+/-1.828 χ^2 /NDF: 13.6/12

-0.452+/-1.871 χ^2 /NDF: 13.3/10

diff_bpm4ecY_rms vs slug



Right In: 5685.937 $\pm$ 2.902 χ^2 /NDF: 3453.3/2

Left Out: 4600.808 $\pm$ 1.444 χ^2 /NDF: 81875.8/9

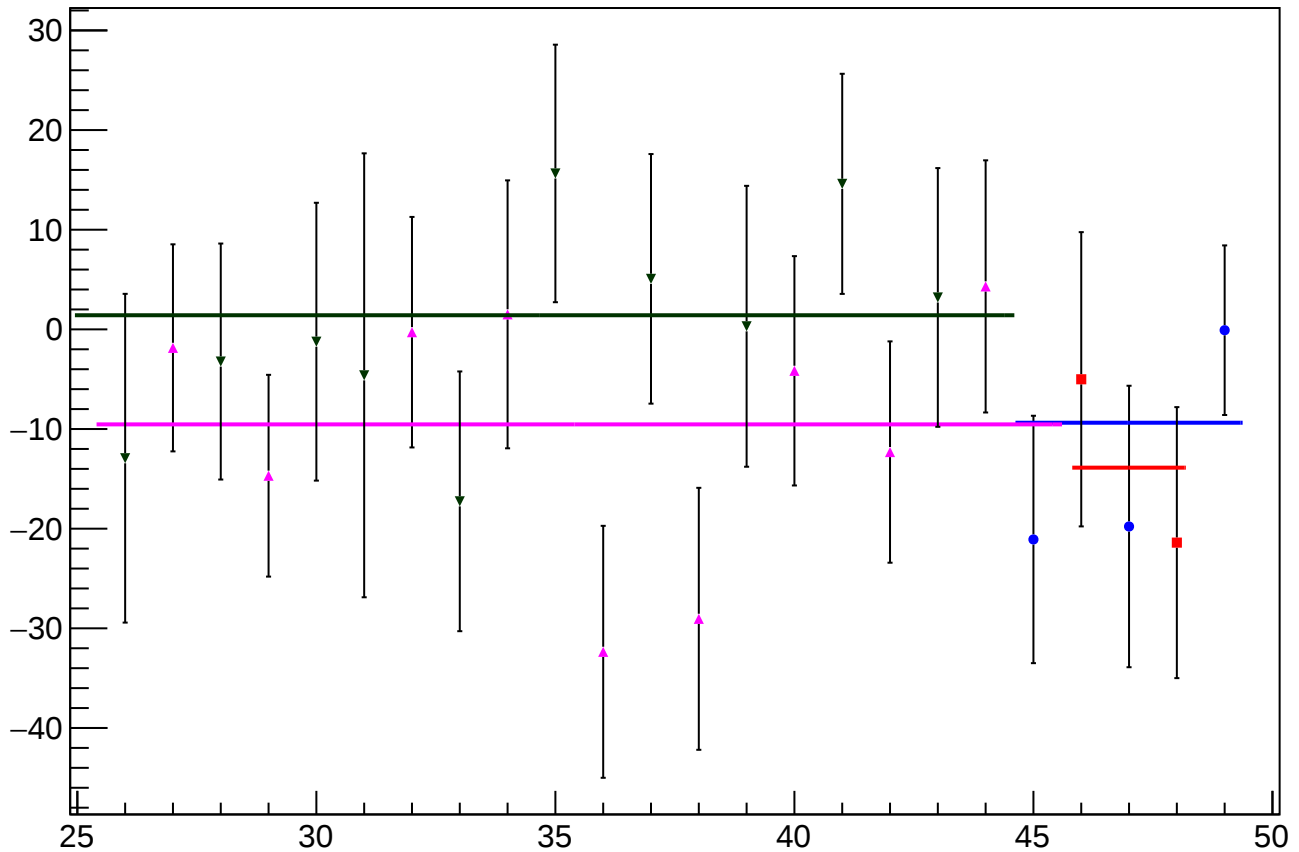
Right Out: 5144.094 $\pm$ 4.003 χ^2 /NDF: 6019.3/1

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

4816.085 $\pm$ 1.293 χ^2 /NDF: 197374.2/12

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

diff_bpm1X_mean vs slug



Right In: -9.368 ± 6.285 χ^2/NDF : 2.6/2

Left Out: 1.417 ± 4.249 χ^2/NDF : 5.8/9

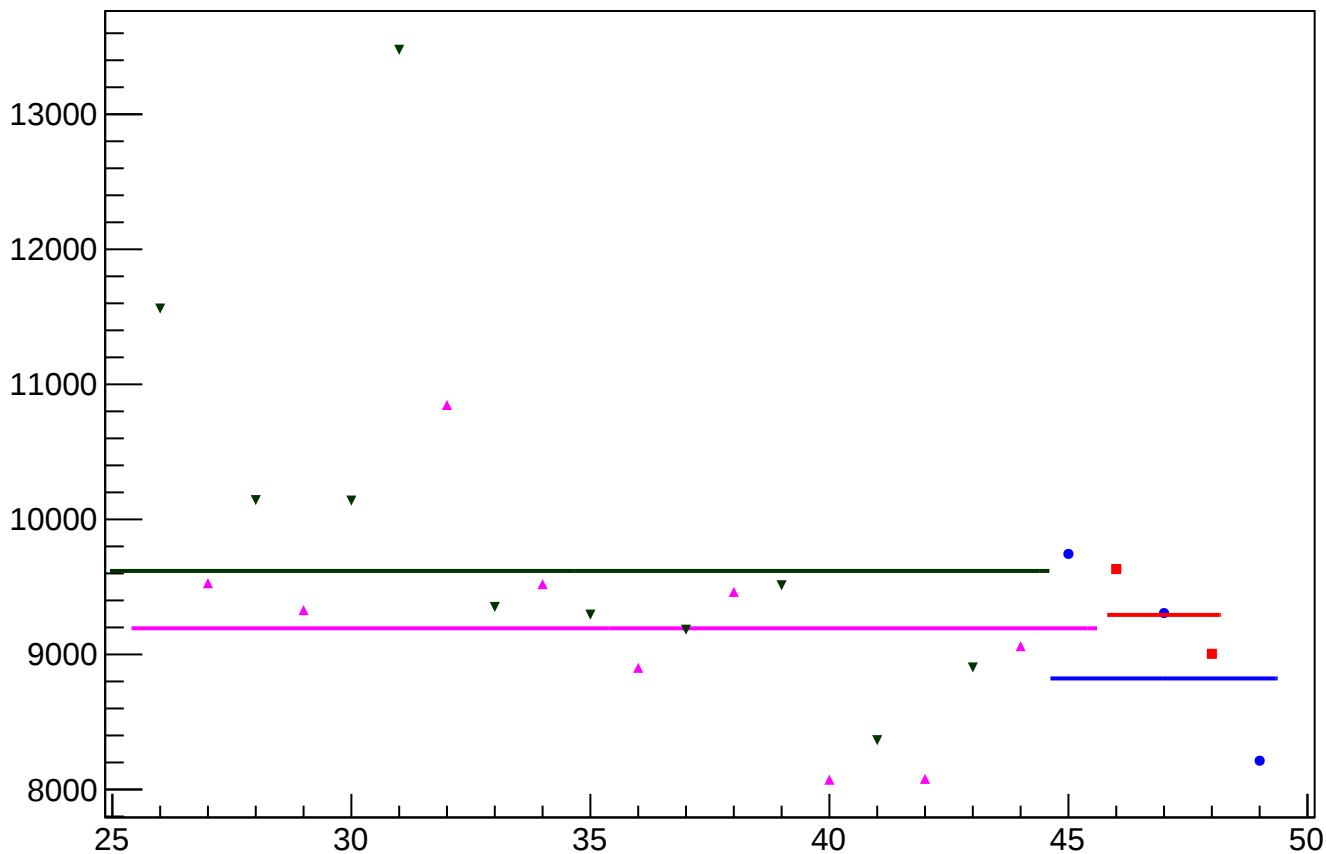
Right Out: -13.877 ± 10.002 χ^2/NDF : 0.7/1

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

-1.966 ± 3.520 χ^2/NDF : 10.5/12

-10.106 ± 3.628 χ^2/NDF : 9.9/10

diff_bpm1X_rms vs slug



Right In: 8822.218+/-4.444 χ^2/NDF : 23645.8/2

Left Out: 9618.418+/-3.005 χ^2/NDF :130935.9/9

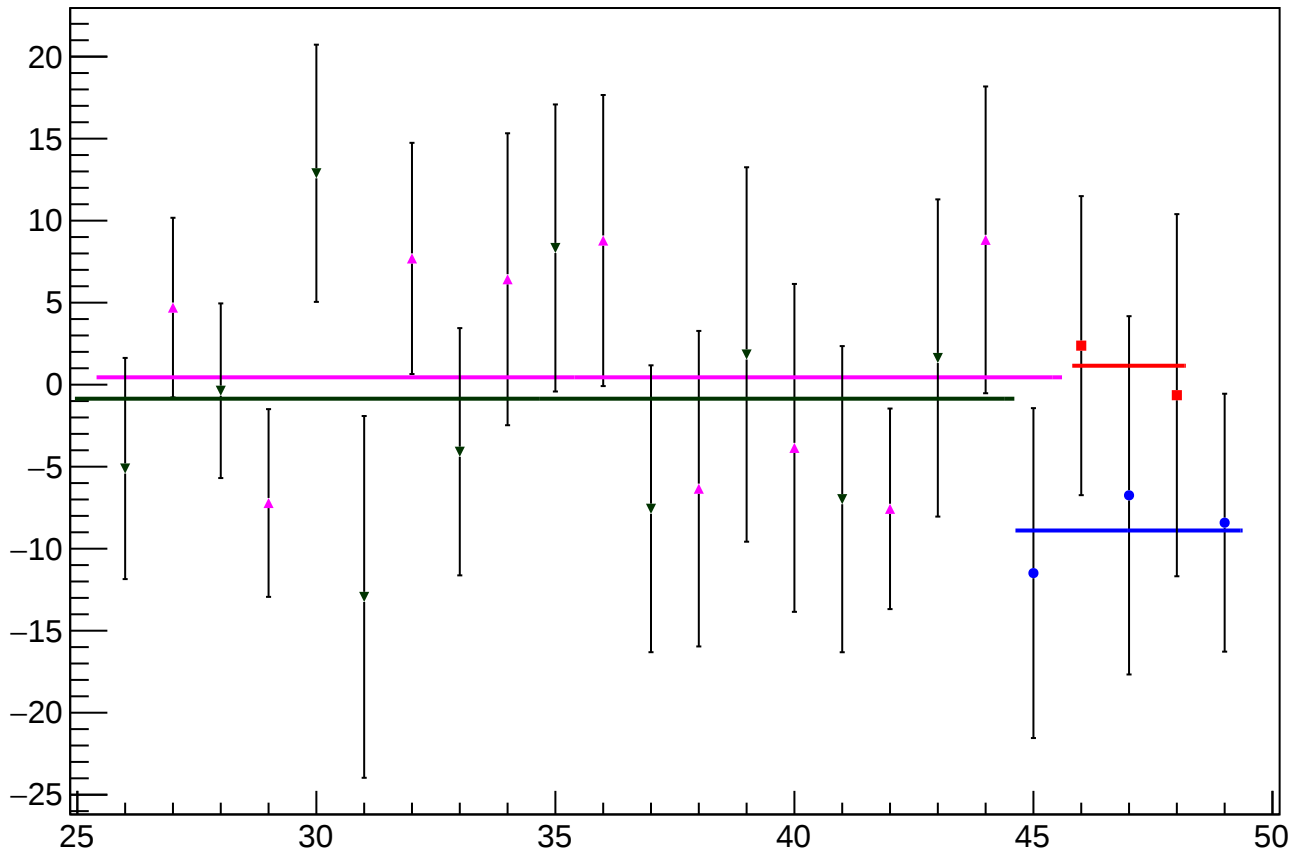
Right Out: 9292.798+/-7.072 χ^2/NDF : 1957.9/1

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

9368.669+/-2.489 χ^2/NDF : 176609.5/12

9206.478+/-2.565 χ^2/NDF : 87908.8/10

diff_bpm1Y_mean vs slug



Right In: -8.891 ± 5.388 χ^2/NDF : 0.1/2

Left Out: -0.856 ± 2.537 χ^2/NDF : 7.1/9

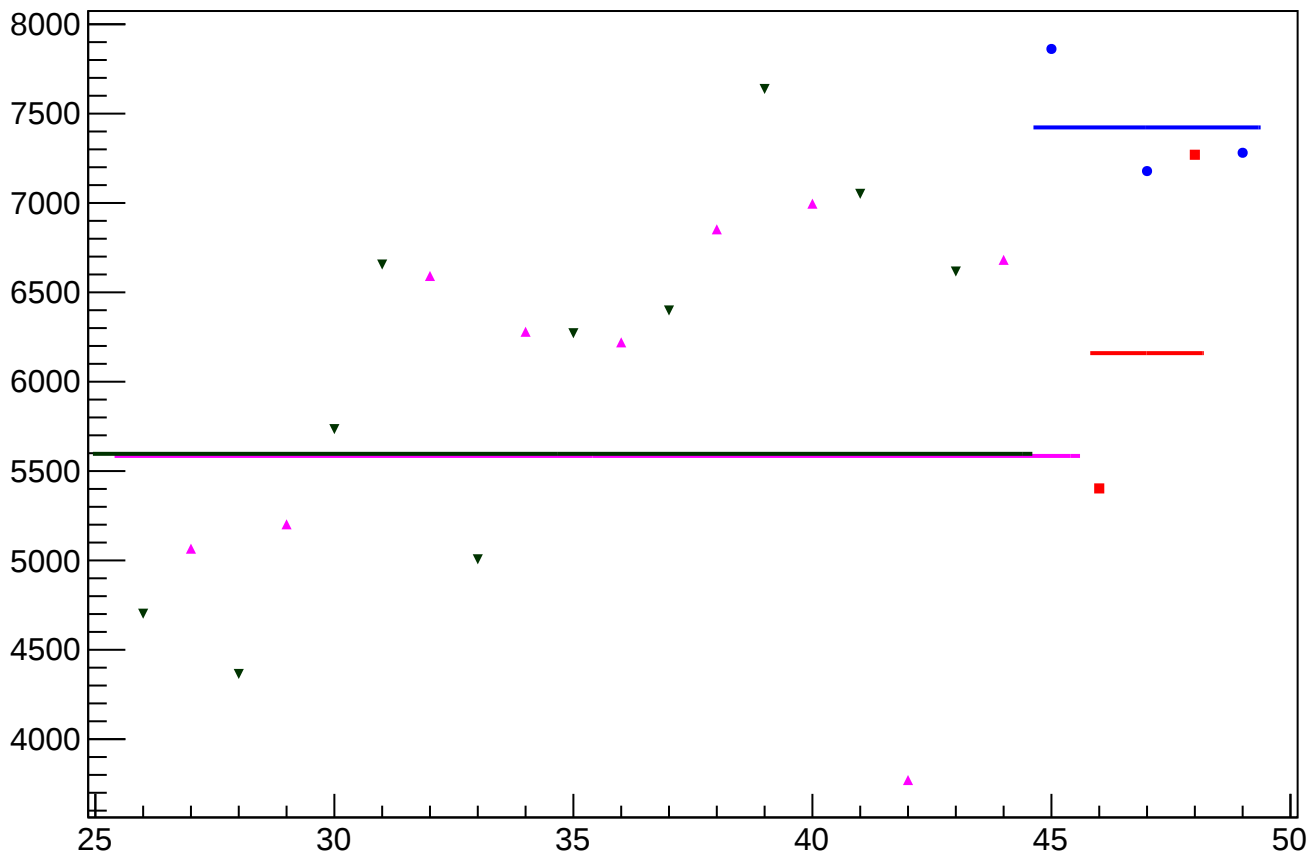
Right Out: 1.155 ± 7.029 χ^2/NDF : 0.0/1

Left In: 0.448 ± 2.437 χ^2/NDF : 8.0/8

-2.314 ± 2.295 χ^2/NDF : 9.0/12

0.524 ± 2.303 χ^2/NDF : 8.0/10

diff_bpm1Y_rms vs slug



Right In: 7422.762 $\pm$ 3.810 χ^2 /NDF: 5463.9/2

Left Out: 5596.473 $\pm$ 1.794 χ^2 /NDF: 337129.9/9

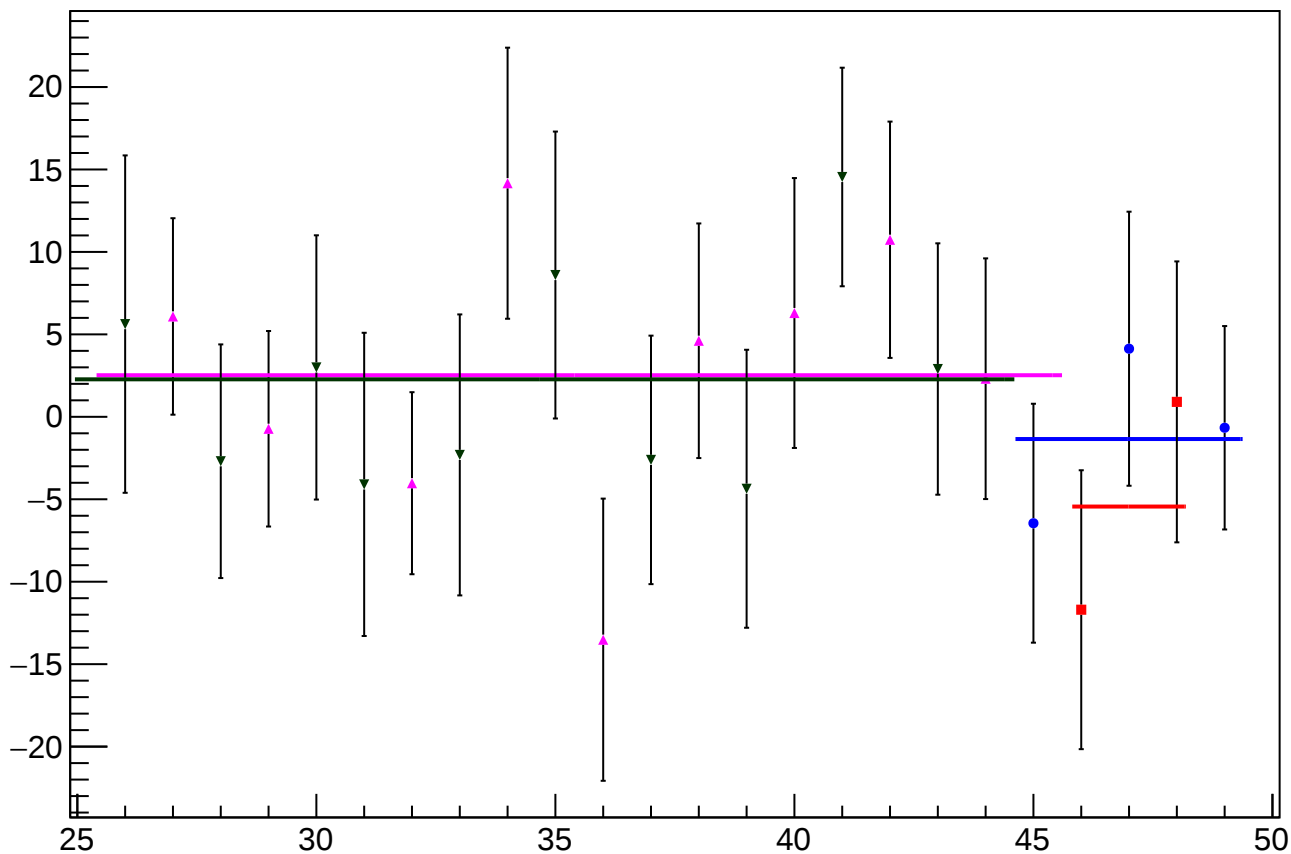
Right Out: 6159.848 $\pm$ 4.970 χ^2 /NDF: 34008.7/1

Left In: 5584.691 $\pm$ 1.723 χ^2 /NDF: 368292.2/8

5927.919 $\pm$ 1.623 χ^2 /NDF: 530669.9/12

5646.418 $\pm$ 1.628 χ^2 /NDF: 414254.2/10

diff_bpm11X_mean vs slug



Right In: -1.347 ± 4.089 χ^2/NDF : 0.9/2

Left Out: 2.274 ± 2.536 χ^2/NDF : 6.4/9

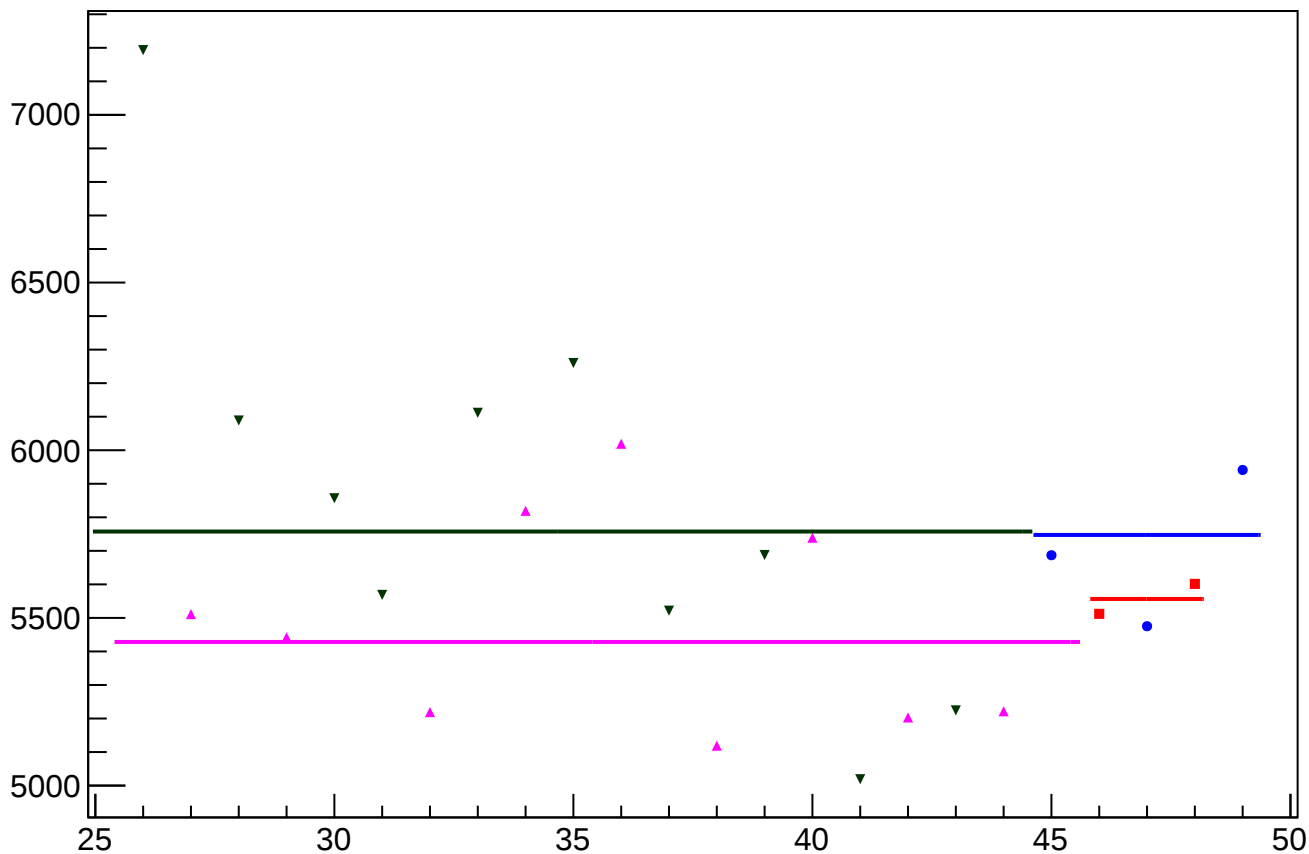
Right Out: -5.442 ± 6.002 χ^2/NDF : 1.1/1

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

1.268 ± 2.155 χ^2/NDF : 7.9/12

1.511 ± 2.139 χ^2/NDF : 11.8/10

diff_bpm11X_rms vs slug



Right In: 5747.447+/-2.891 χ^2 /NDF: 4259.7/2

Left Out: 5757.593+/-1.793 χ^2 /NDF:91757.3/9

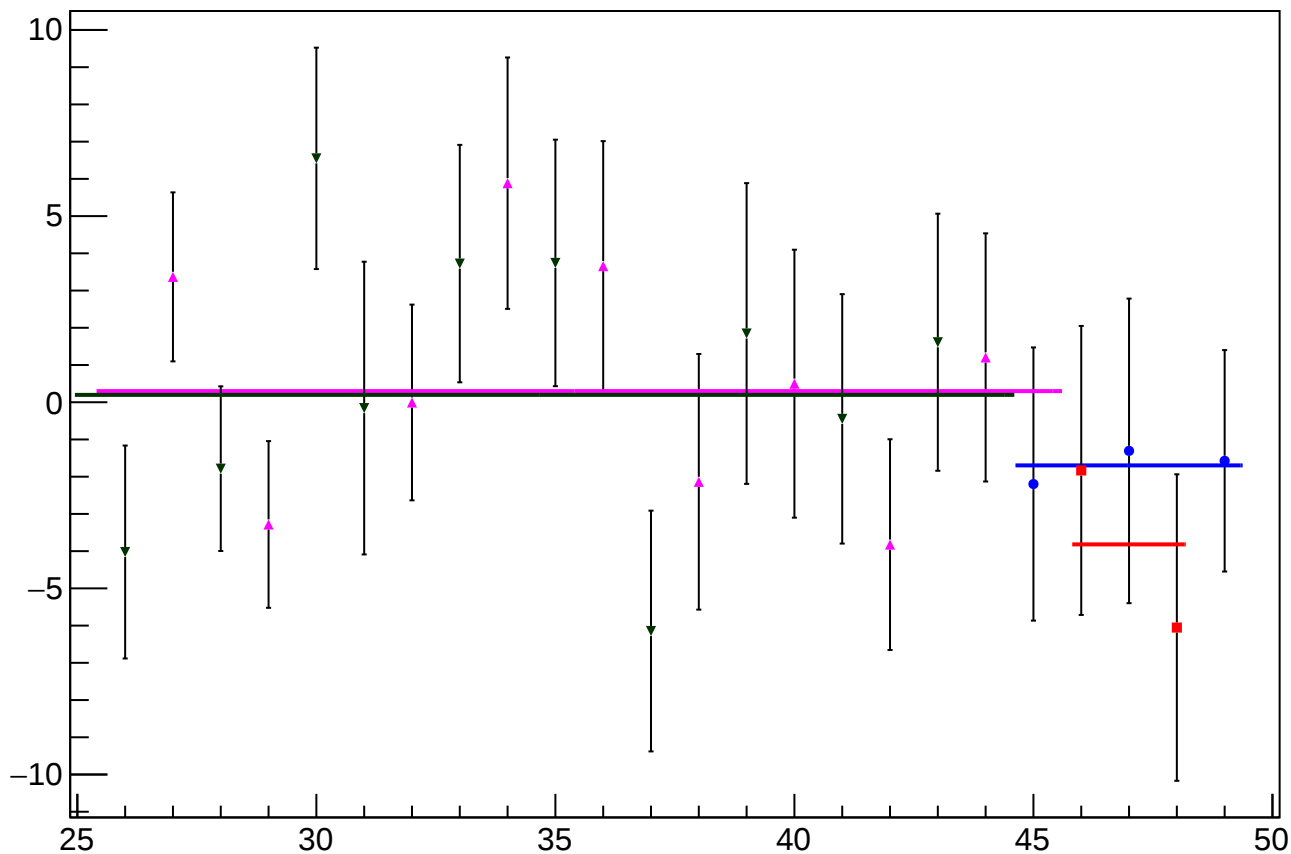
Right Out: 5556.493+/-4.244 χ^2 /NDF: 110.8/1

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

5754.775+/-1.524 χ^2 /NDF: 96025.9/12

5444.602+/-1.512 χ^2 /NDF: 28492.4/10

diff_bpm11Y_mean vs slug



Right In: -1.697+/-2.012 χ^2/NDF : 0.0/2

Left Out: 0.198+/-0.988 χ^2/NDF :14.1/9

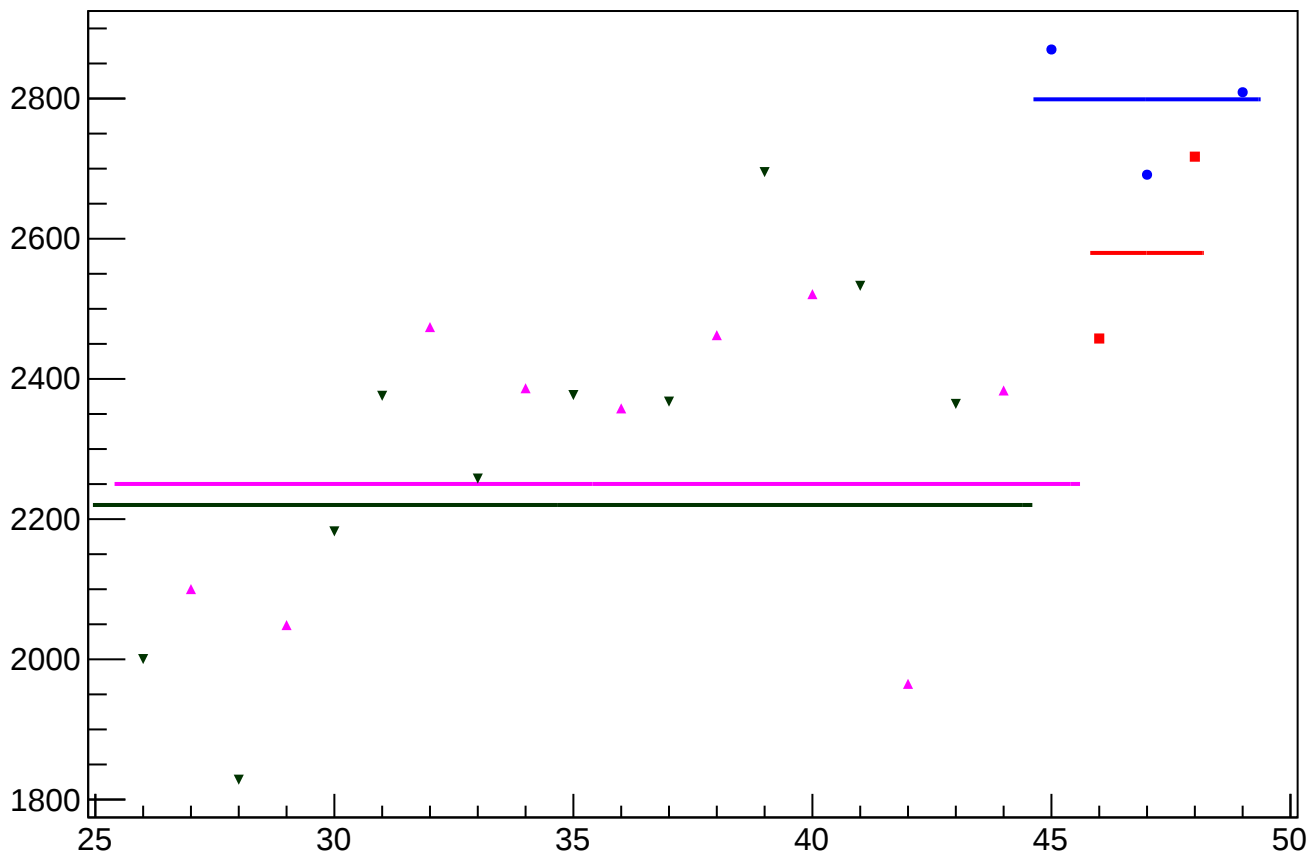
Right Out: -3.818+/-2.824 χ^2/NDF : 0.6/1

Left In: 0.299+/-0.957 χ^2/NDF :10.8/8

-0.171+/-0.887 χ^2/NDF : 14.9/12

-0.125+/-0.907 χ^2/NDF : 13.3/10

diff_bpm11Y_rms vs slug



Right In: 2798.879 ± 1.423 $\chi^2/\text{NDF}: 2155.7/2$

Left Out: 2220.193 ± 0.699 $\chi^2/\text{NDF}: 135533.9/9$

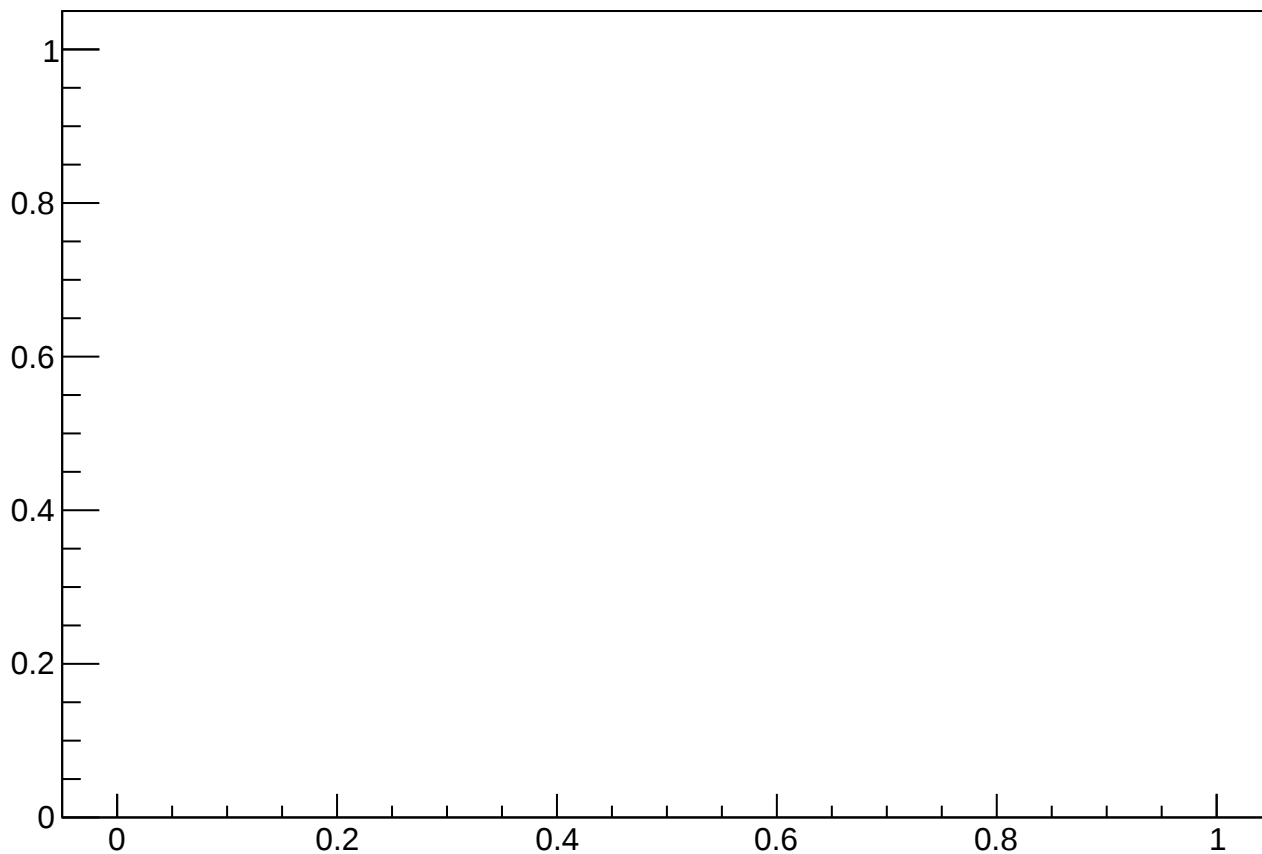
Right Out: 2579.765 ± 1.997 $\chi^2/\text{NDF}: 4204.1/1$

Left In: 2250.180 ± 0.677 $\chi^2/\text{NDF}: 87193.5/8$

2332.691 ± 0.627 $\chi^2/\text{NDF}: 271010.0/12$

2284.138 ± 0.641 $\chi^2/\text{NDF}: 115830.2/10$

diff_bpm14X_mean vs slug



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

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

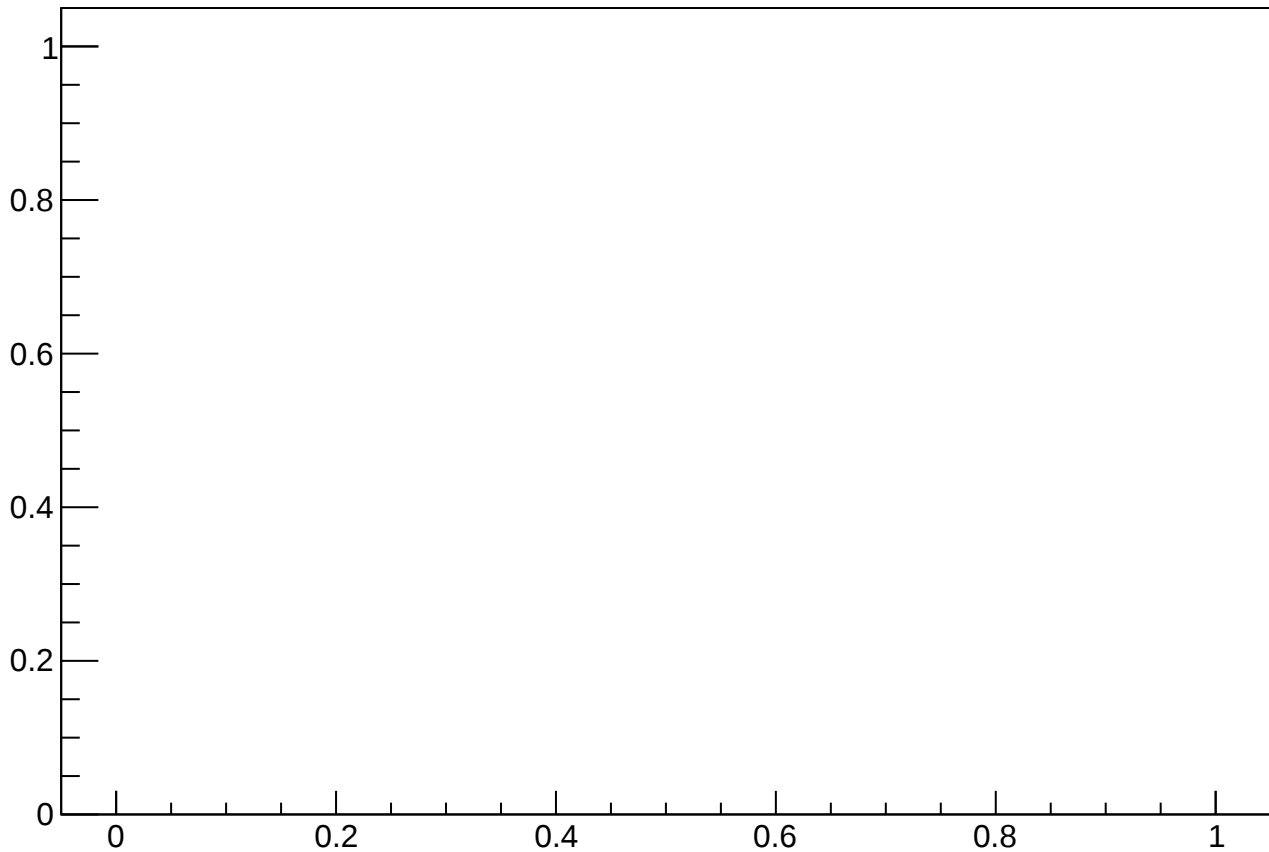
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

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

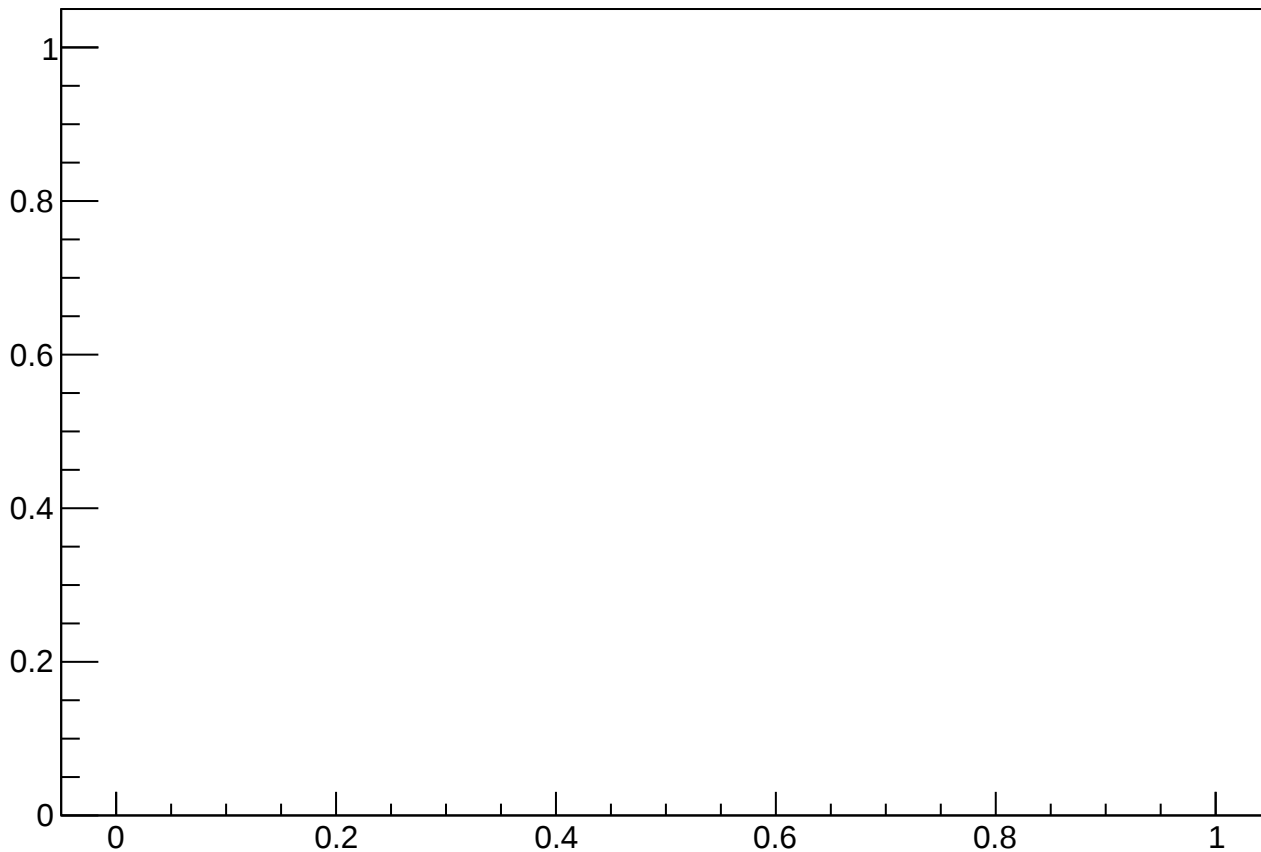
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_mean vs slug



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

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

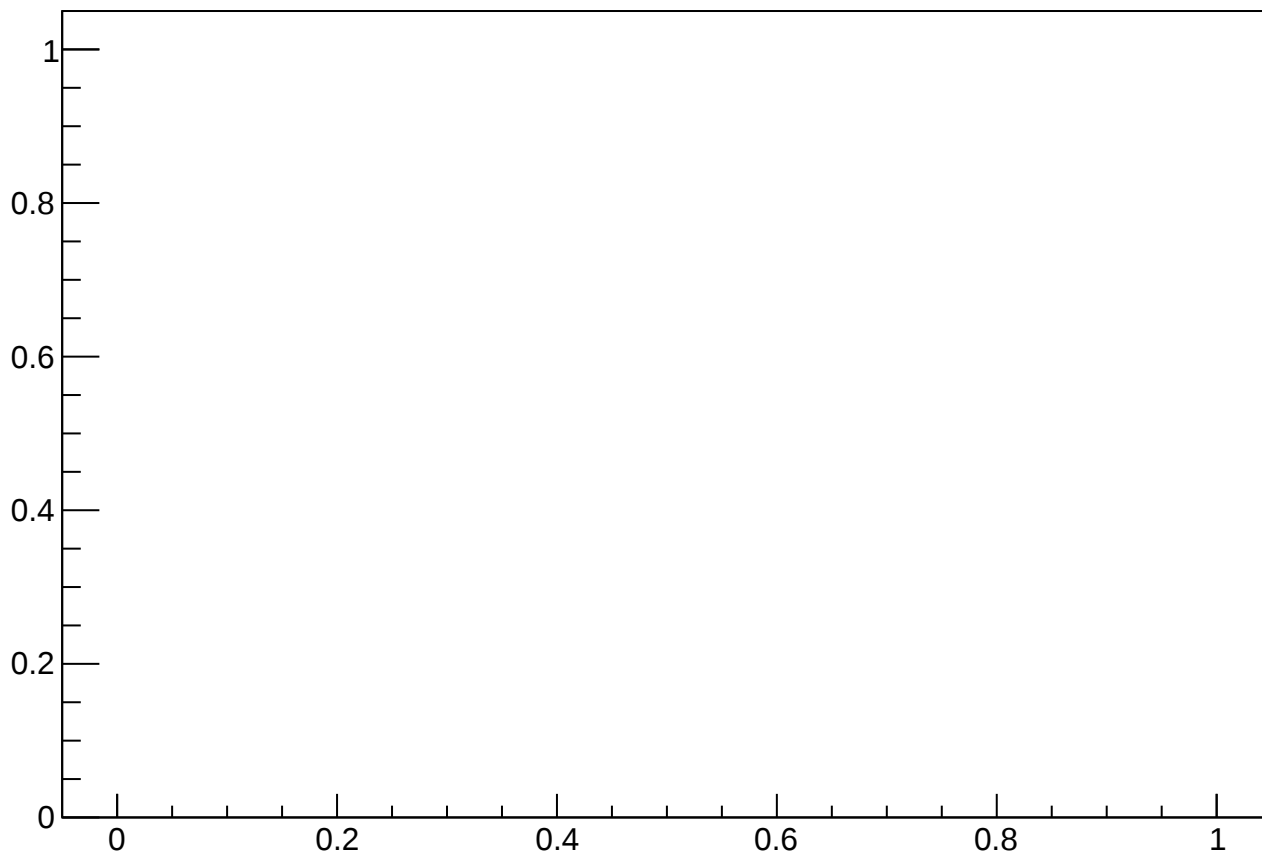
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_rms vs slug



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

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

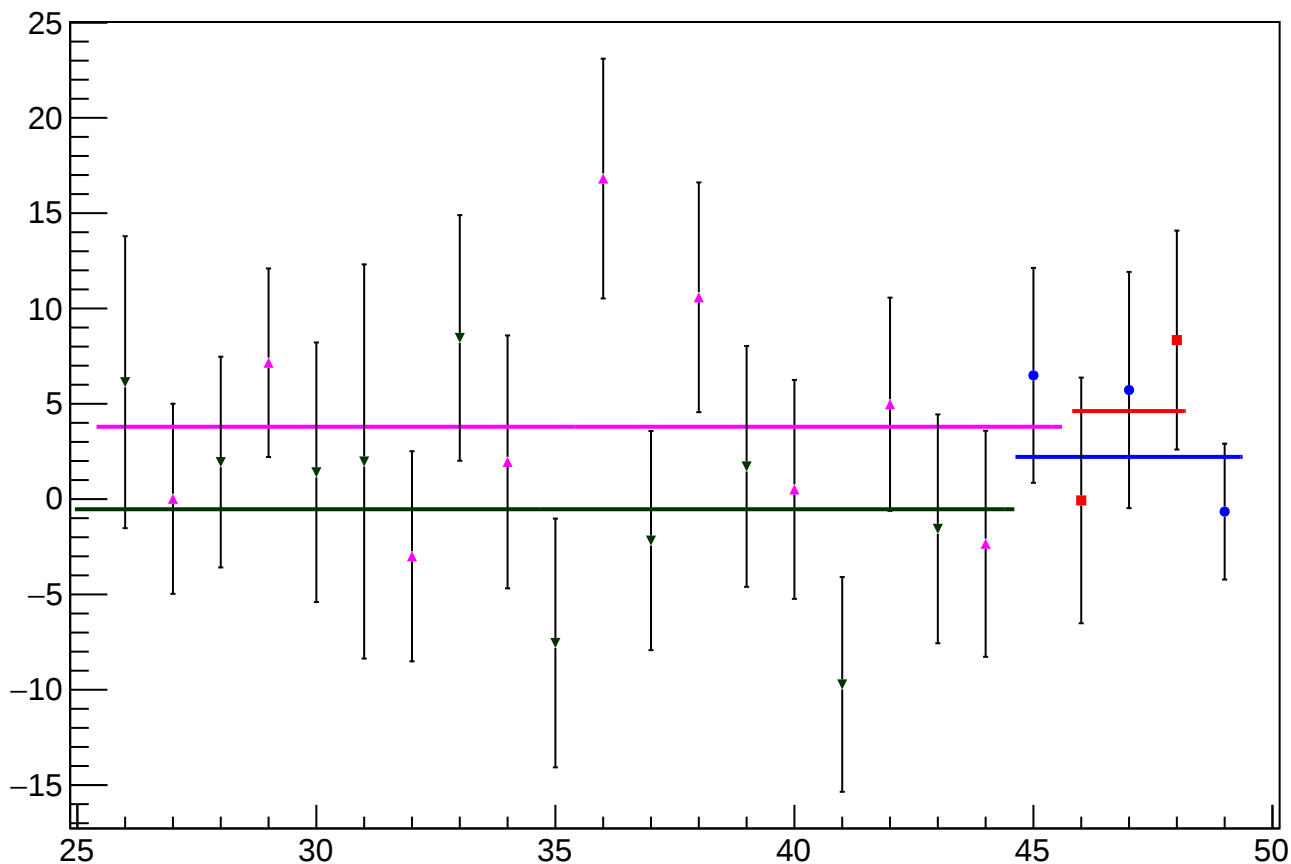
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 2.215+/-2.709 χ^2/NDF : 1.5/2

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

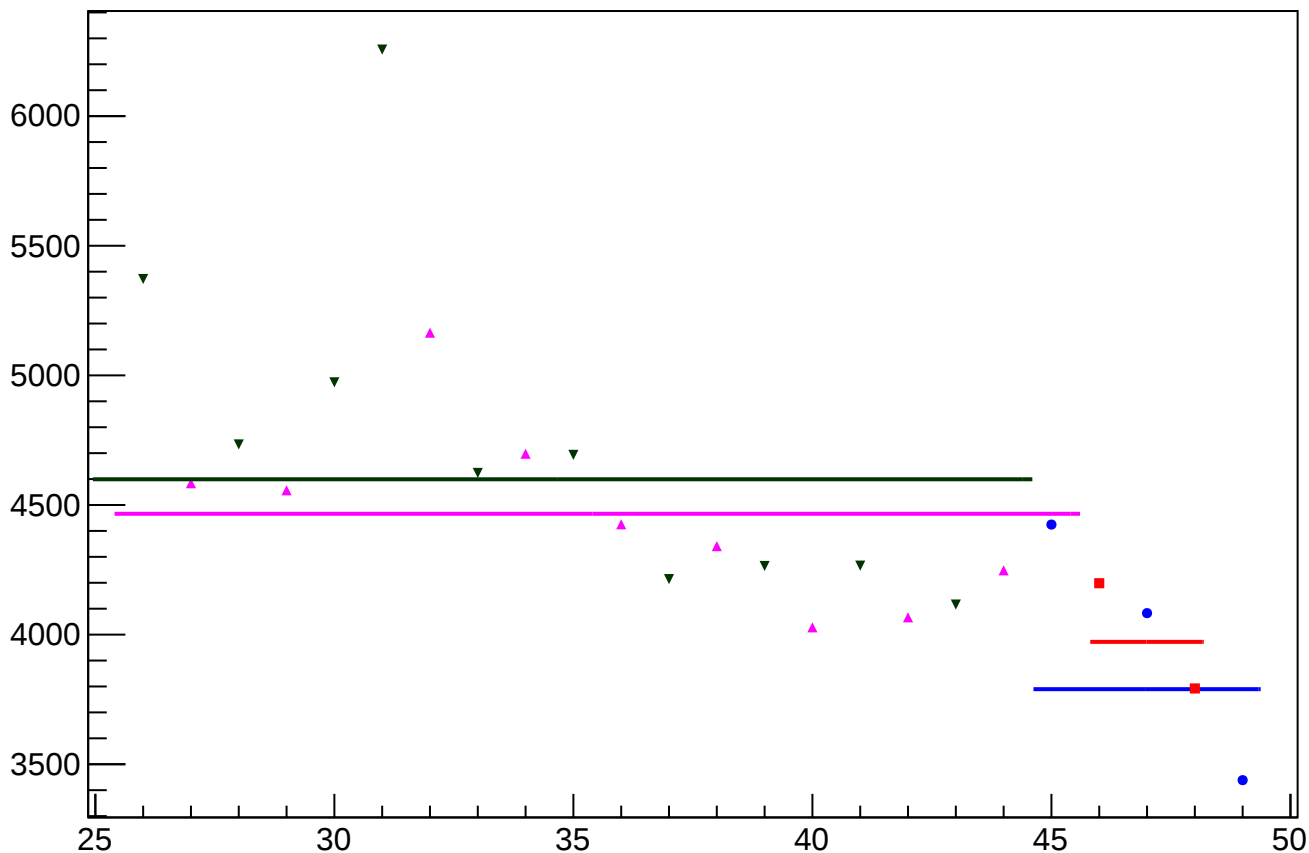
Right Out: 4.619+/-4.287 χ^2/NDF : 0.9/1

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

0.455+/-1.624 χ^2/NDF : 9.3/12

3.929+/-1.728 χ^2/NDF : 10.6/10

diff_bpm16X_rms vs slug



Right In: 3789.567+/-1.916 χ^2/NDF : 49246.2/2

Left Out: 4599.203+/-1.435 χ^2/NDF : 113974.5/9

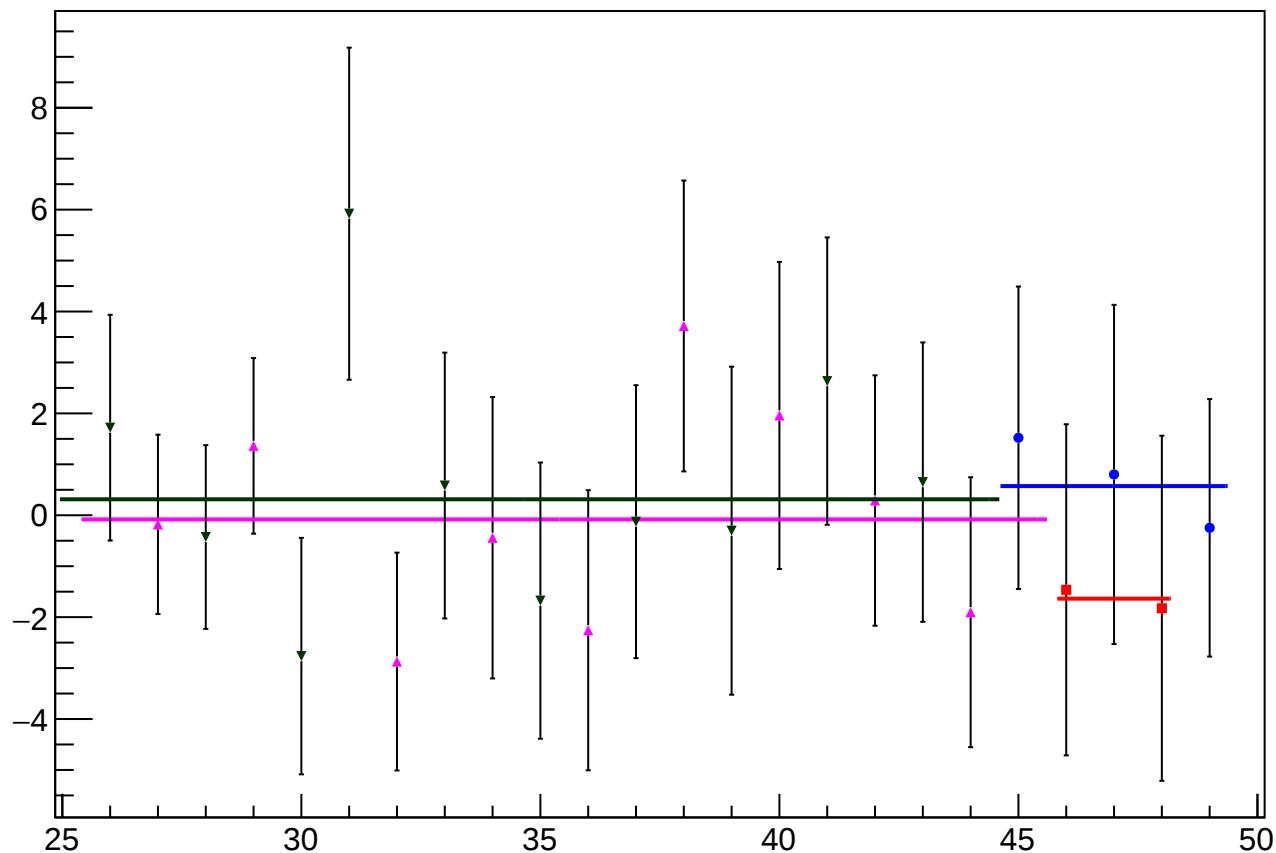
Right Out: 3972.080+/-3.031 χ^2/NDF : 4423.1/1

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

4308.304+/-1.148 χ^2/NDF : 277662.6/12

4385.775+/-1.222 χ^2/NDF : 88504.0/10

diff_bpm16Y_mean vs slug



Right In: 0.573 ± 1.666 χ^2/NDF : 0.2/2

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

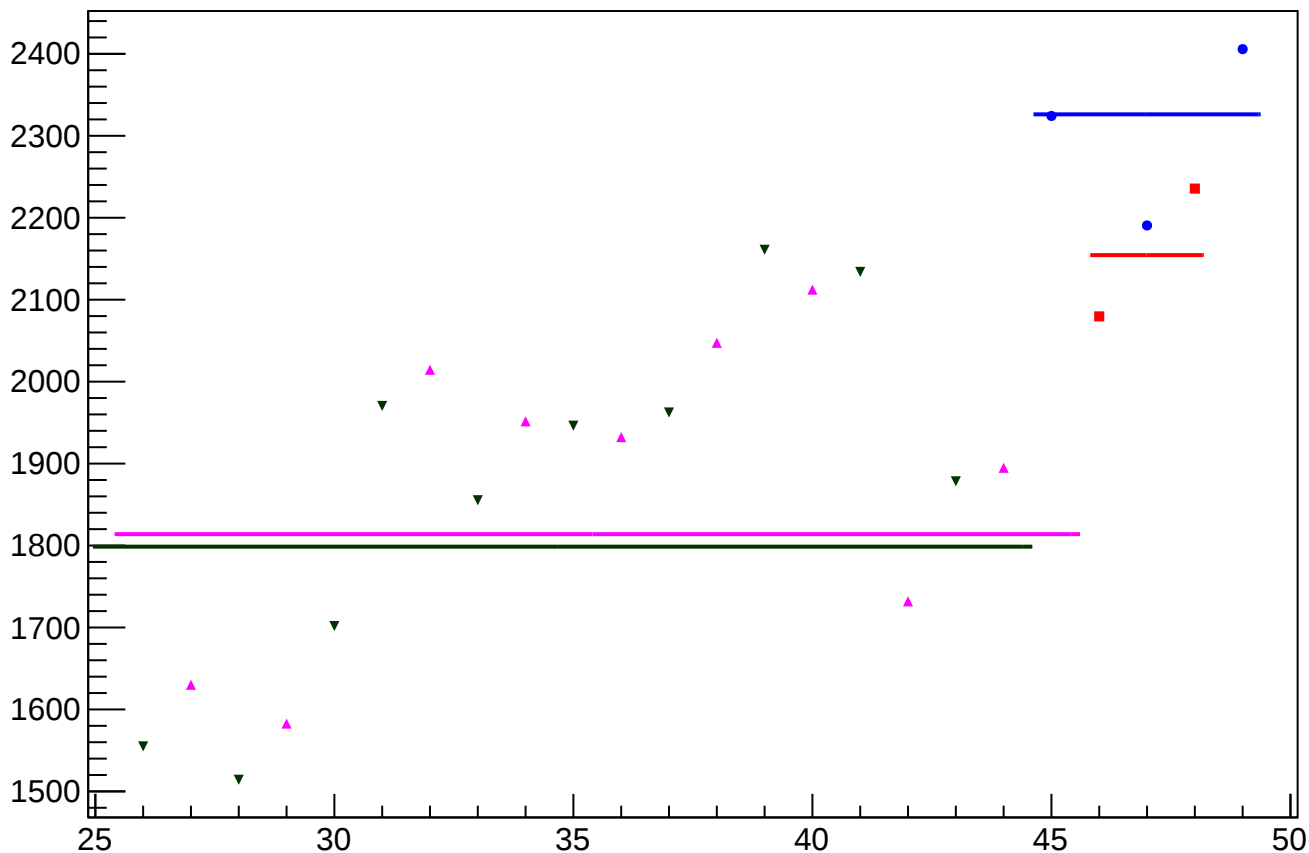
Right Out: -1.637 ± 2.345 χ^2/NDF : 0.0/1

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

0.362 ± 0.720 χ^2/NDF : 6.8/12

-0.233 ± 0.733 χ^2/NDF : 6.2/10

diff_bpm16Y_rms vs slug



Right In: 2326.190+/-1.178 χ^2/NDF : 5300.6/2

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

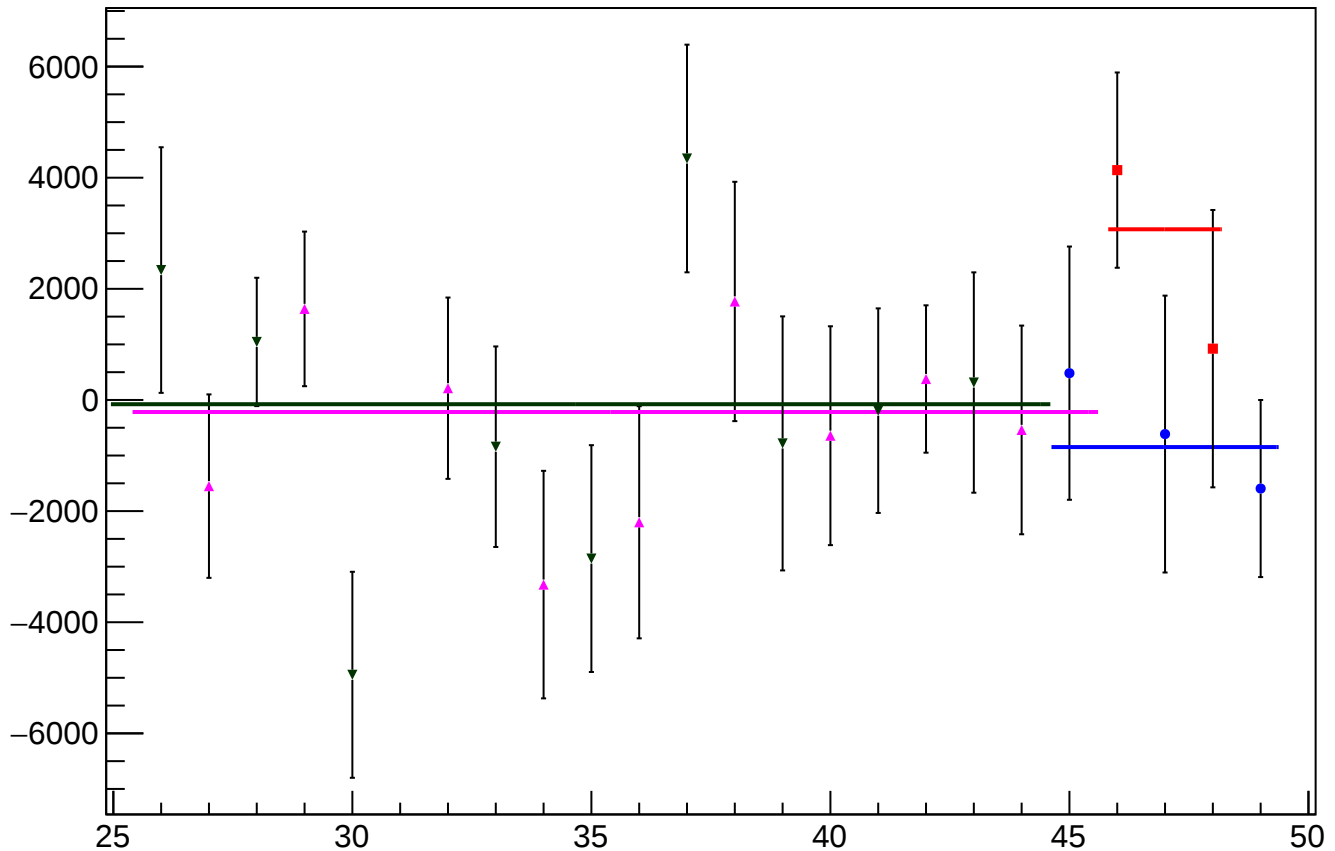
Right Out: 2154.397+/-1.658 χ^2/NDF : 2207.0/1

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

1897.194+/-0.509 χ^2/NDF : 320848.7/12

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

asym_sam1_mean vs slug



Right In: -847.754+/-1156.657 χ^2/NDF : 0.6/2

Left Out: -76.487+/-600.613 χ^2/NDF : 15.9/8

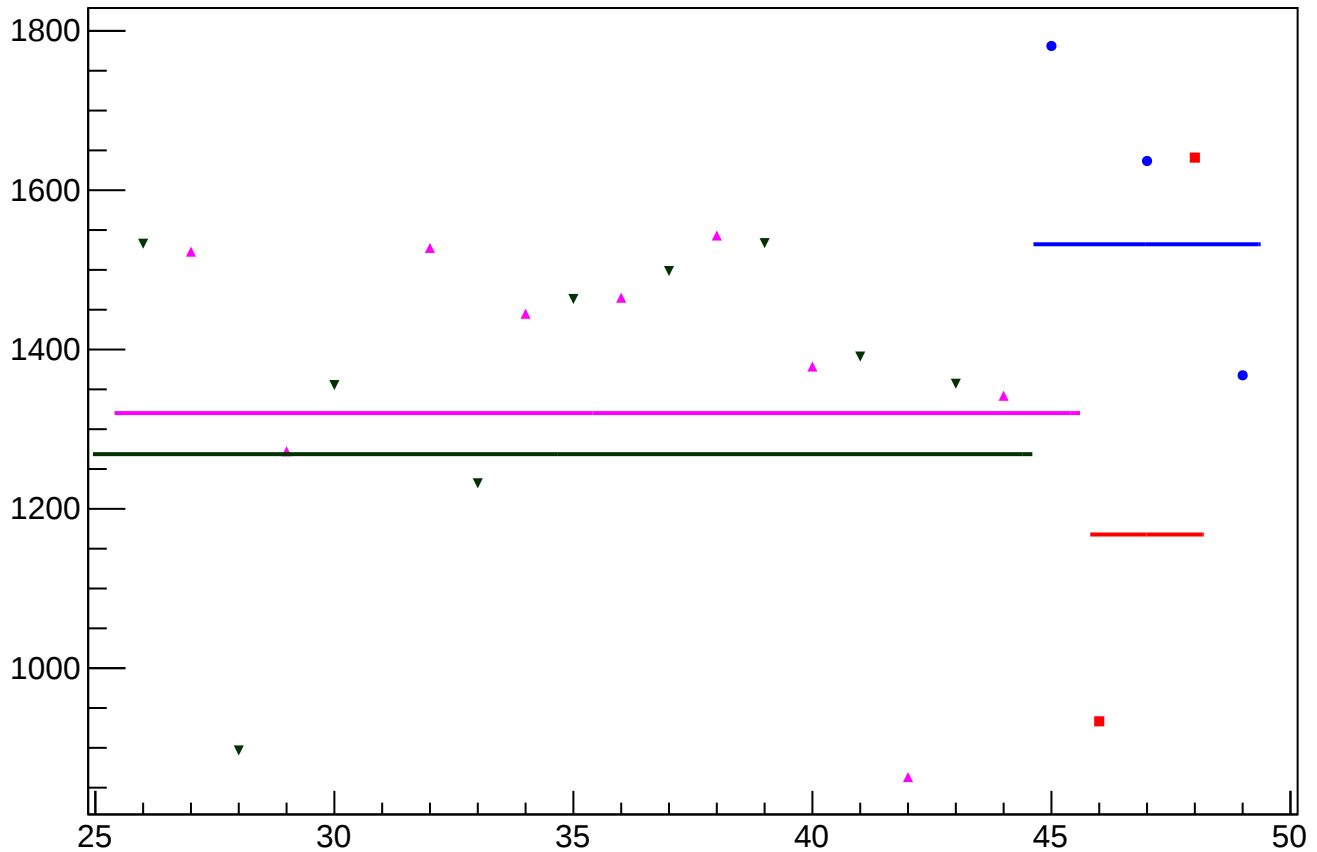
Right Out: 3071.552+/-1436.789 χ^2/NDF : 1.1/1

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

-240.284+/-533.034 χ^2/NDF : 16.8/11

233.511+/-531.714 χ^2/NDF : 12.5/10

asym_sam1_rms vs slug



Right In: 1532.138+/-0.818 χ^2/NDF : 48708.6/2

Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

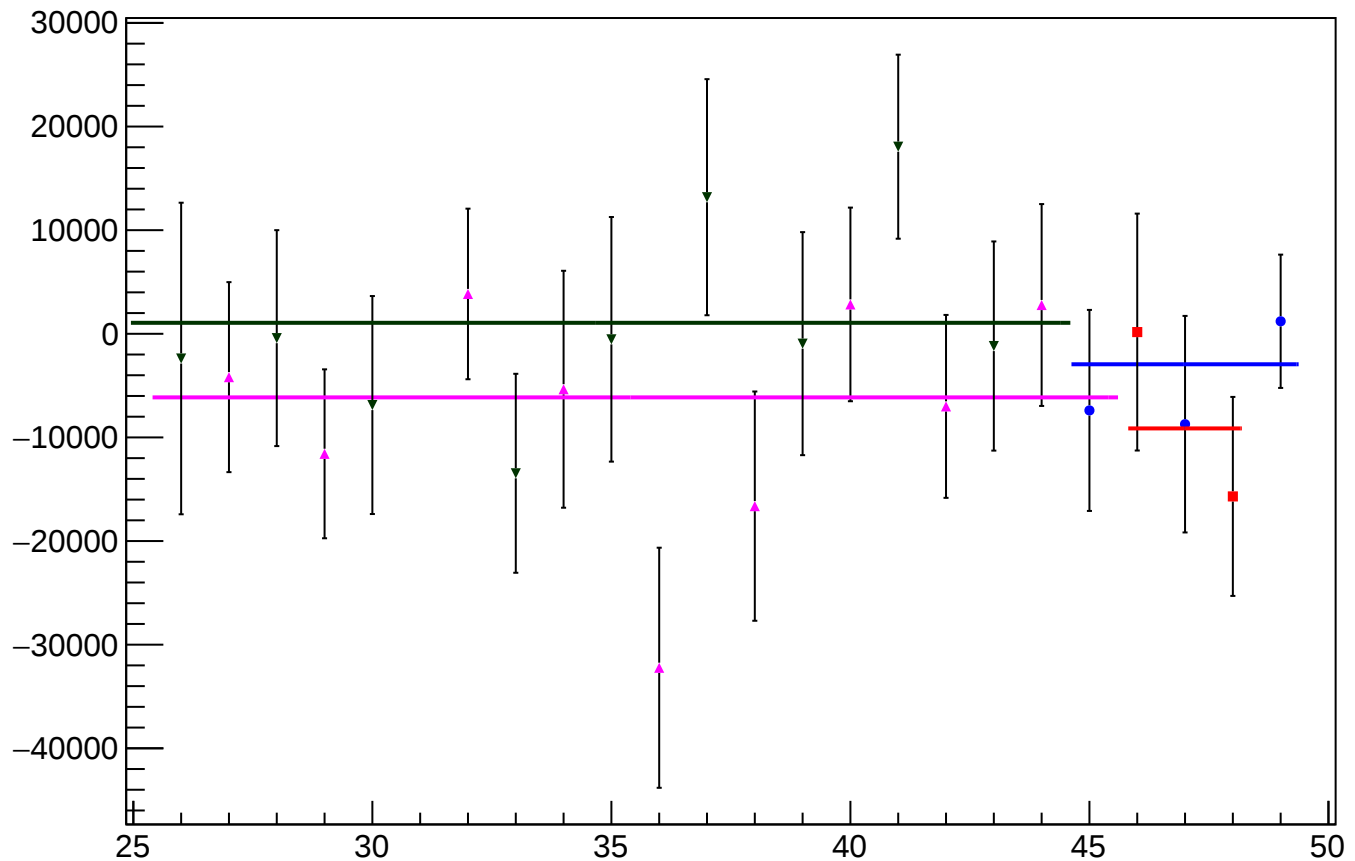
Right Out: 1167.786+/-1.016 χ^2/NDF : 107503.2/1

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

1324.614+/-0.377 χ^2/NDF : 454848.1/11

1299.346+/-0.376 χ^2/NDF : 469692.4/10

asym_sam2_mean vs slug



Right In: -2940.705 ± 4769.401 χ^2/NDF : 0.9/2

Left Out: 1060.376 ± 3545.636 χ^2/NDF : 7.8/8

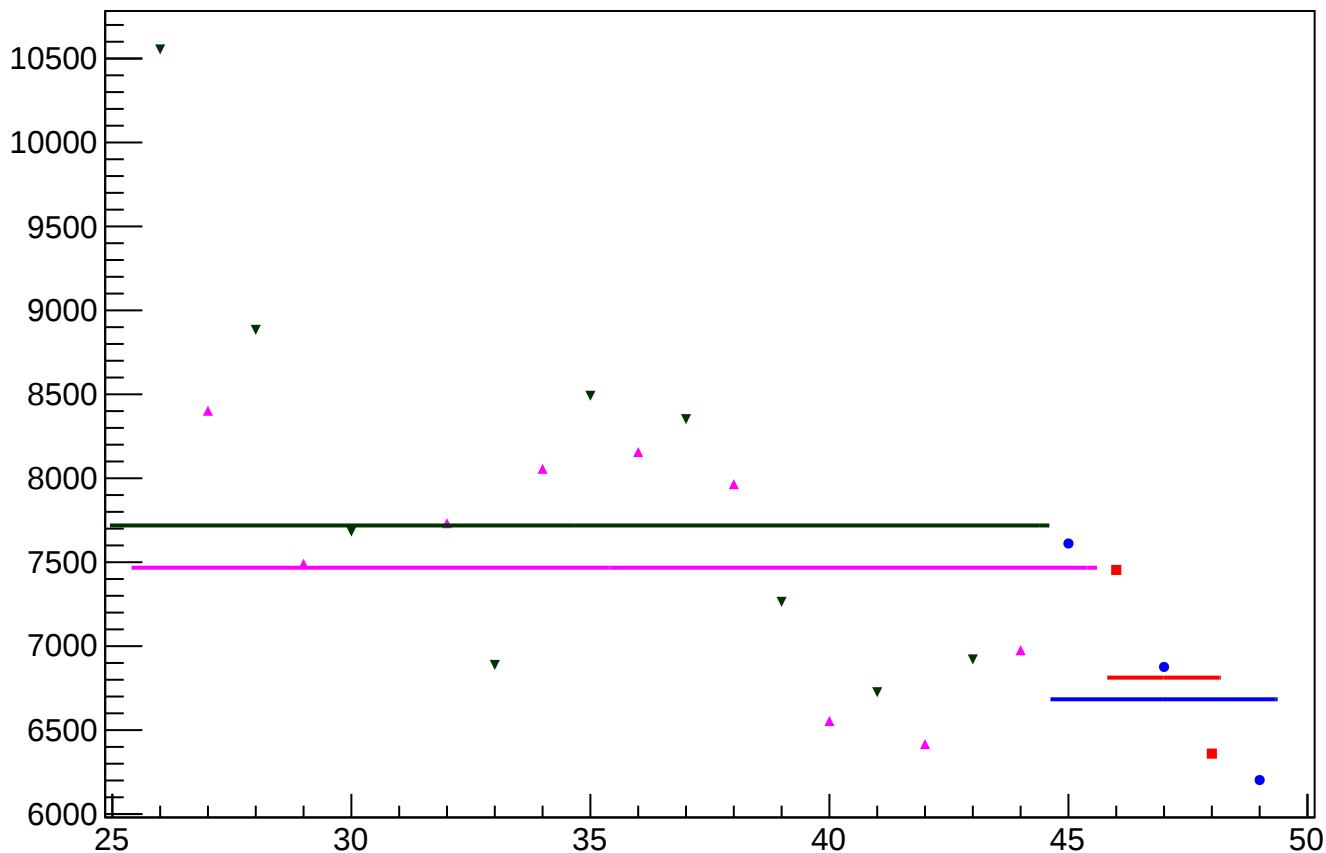
Right Out: -9131.660 ± 7352.315 χ^2/NDF : 1.1/1

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

-363.790 ± 2845.480 χ^2/NDF : 9.2/11

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

asym_sam2_rms vs slug



Right In: 6683.613+/-3.372 χ^2/NDF : 30160.3/2

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

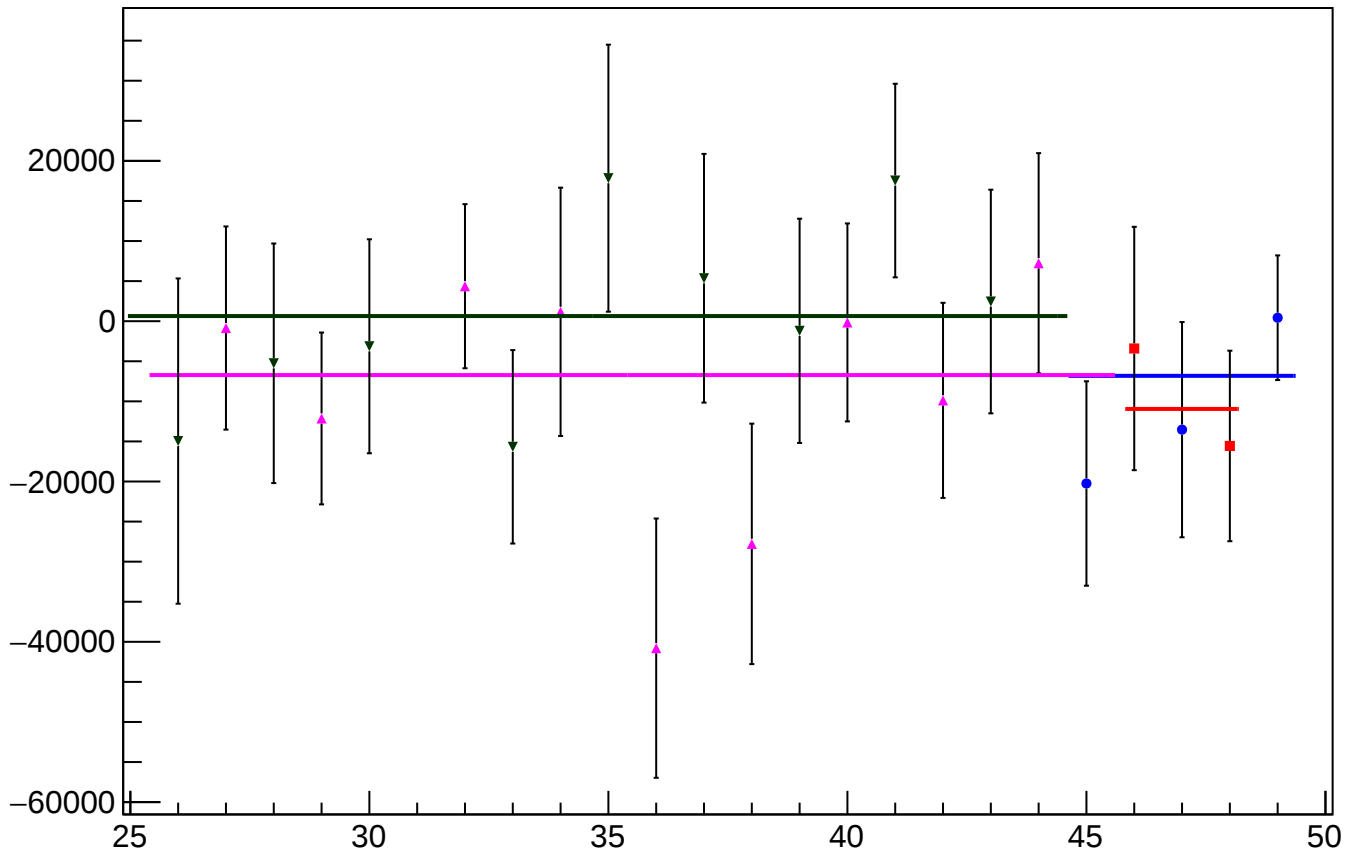
Right Out: 6812.602+/-5.199 χ^2/NDF : 10742.0/1

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

7350.401+/-2.012 χ^2/NDF : 257840.7/11

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

asym_sam3_mean vs slug



Right In: -6816.437 ± 5951.364 $\chi^2/\text{NDF}: 2.2/2$

Left Out: 639.789 ± 4753.910 $\chi^2/\text{NDF}: 5.8/8$

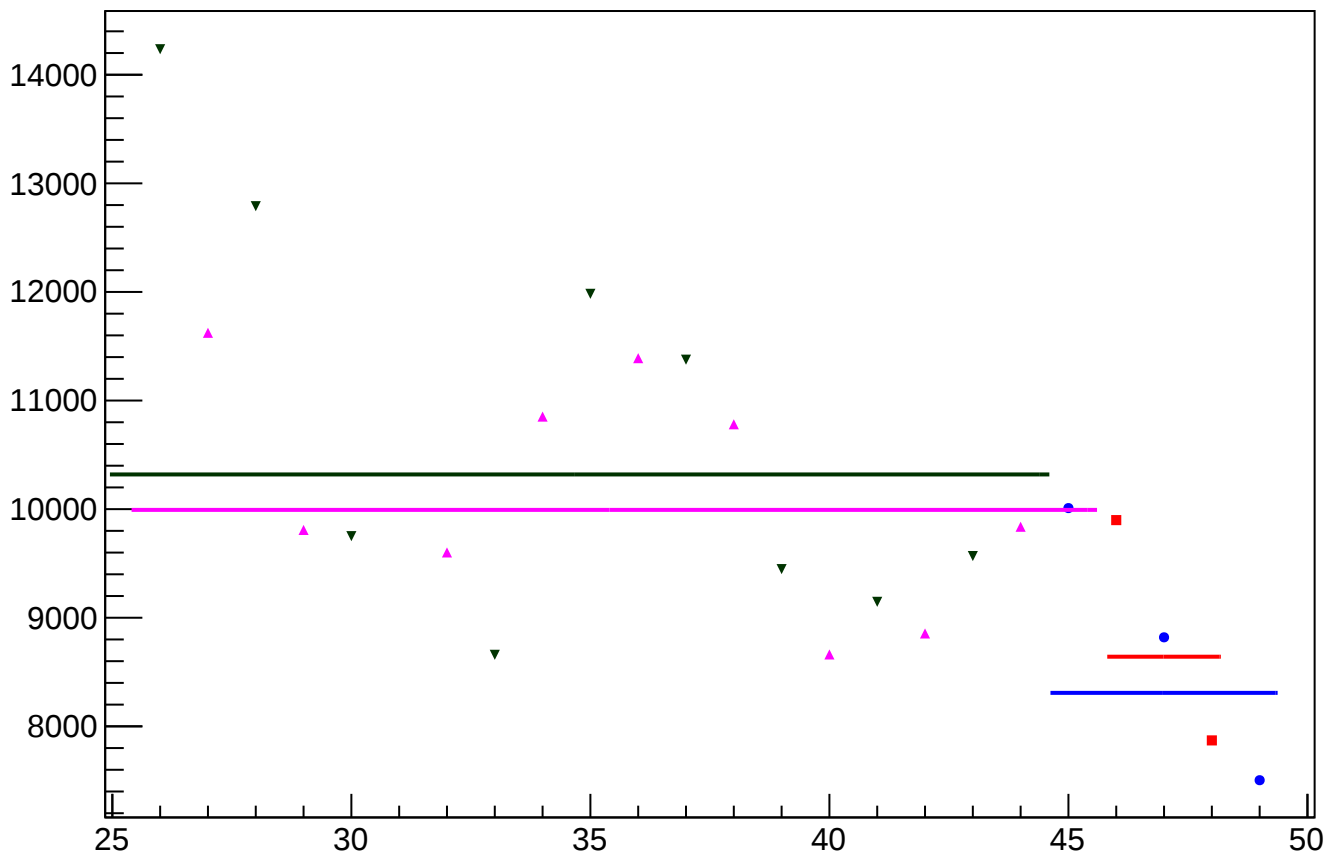
Right Out: -10946.635 ± 9357.462 $\chi^2/\text{NDF}: 0.4/1$

Left In: -6721.702 ± 4244.047 $\chi^2/\text{NDF}: 9.7/8$

-2264.603 ± 3714.365 $\chi^2/\text{NDF}: 9.0/11$

-7442.516 ± 3865.091 $\chi^2/\text{NDF}: 10.3/10$

asym_sam3_rms vs slug



Right In: 8308.252 ± 4.208 χ^2/NDF : 59898.1/2

Left Out: 10319.525 ± 3.362 χ^2/NDF : 232272.2/8

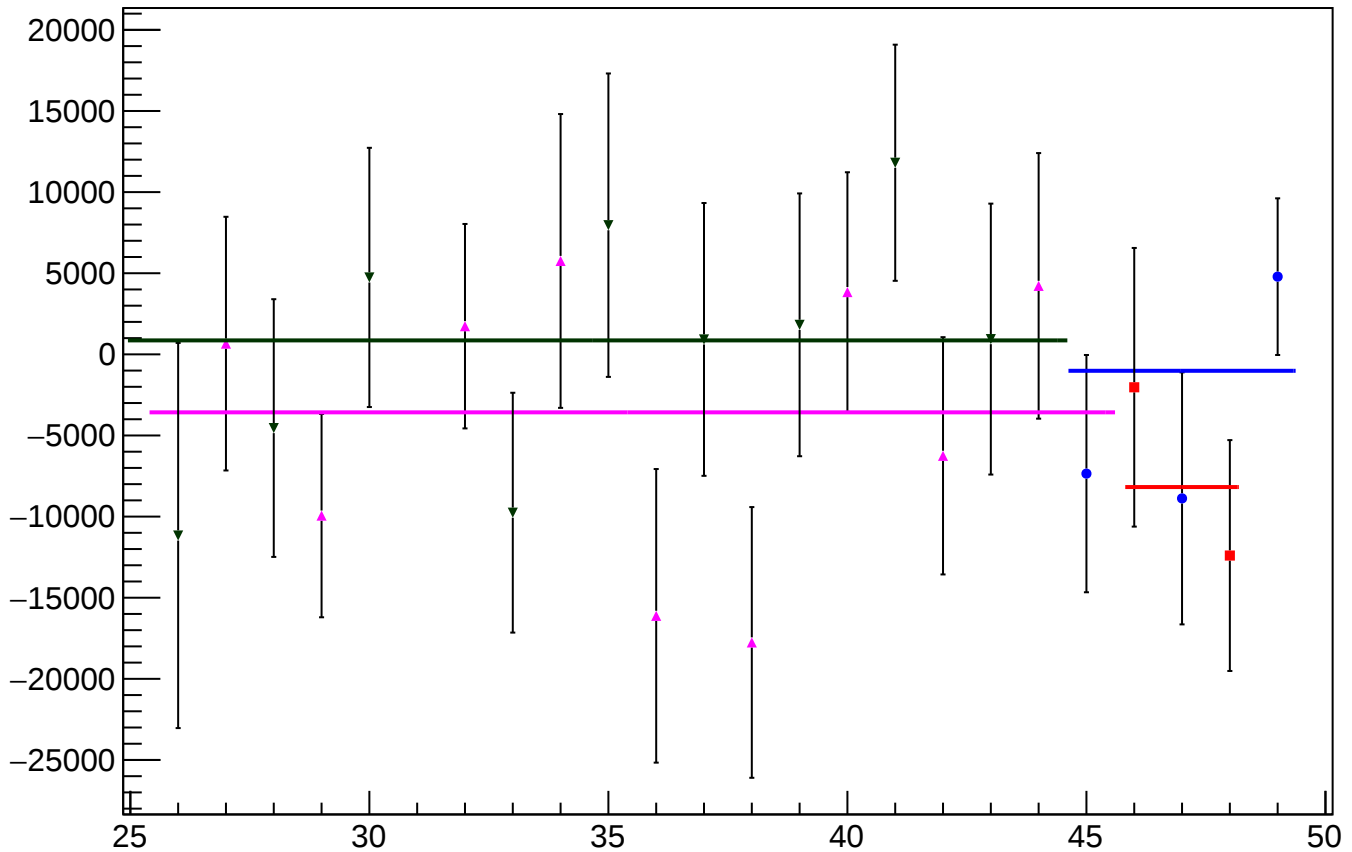
Right Out: 8641.188 ± 6.617 χ^2/NDF : 22142.5/1

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

9536.082 ± 2.626 χ^2/NDF : 431616.3/11

9762.464 ± 2.733 χ^2/NDF : 160978.1/10

asym_sam4_mean vs slug



Right In: -1013.500+/-3576.632 χ^2/NDF : 3.2/2

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

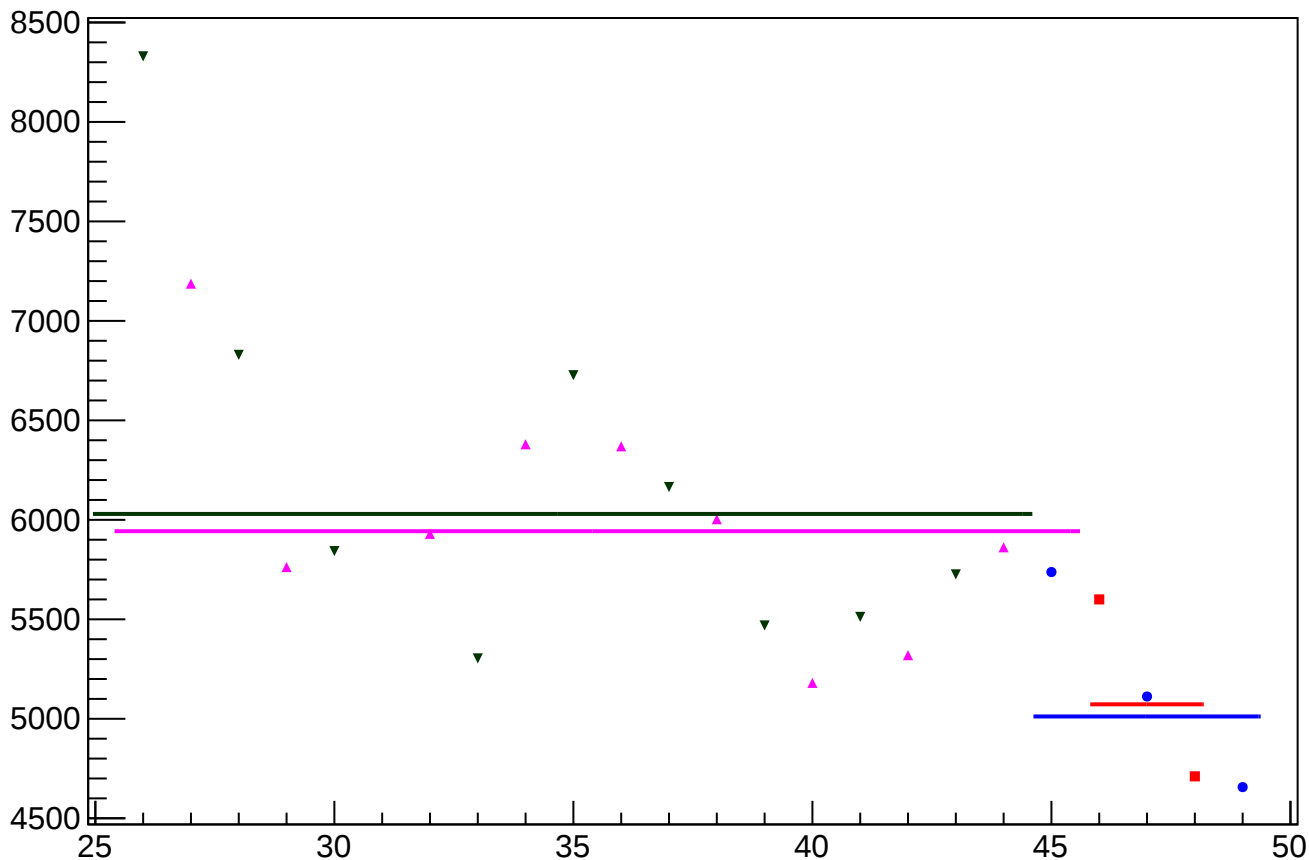
Right Out: -8179.056+/-5478.947 χ^2/NDF : 0.9/1

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

159.919+/-2186.606 χ^2/NDF : 10.0/11

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

asym_sam4_rms vs slug



Right In: 5011.765+/-2.529 χ^2/NDF : 30859.6/2

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

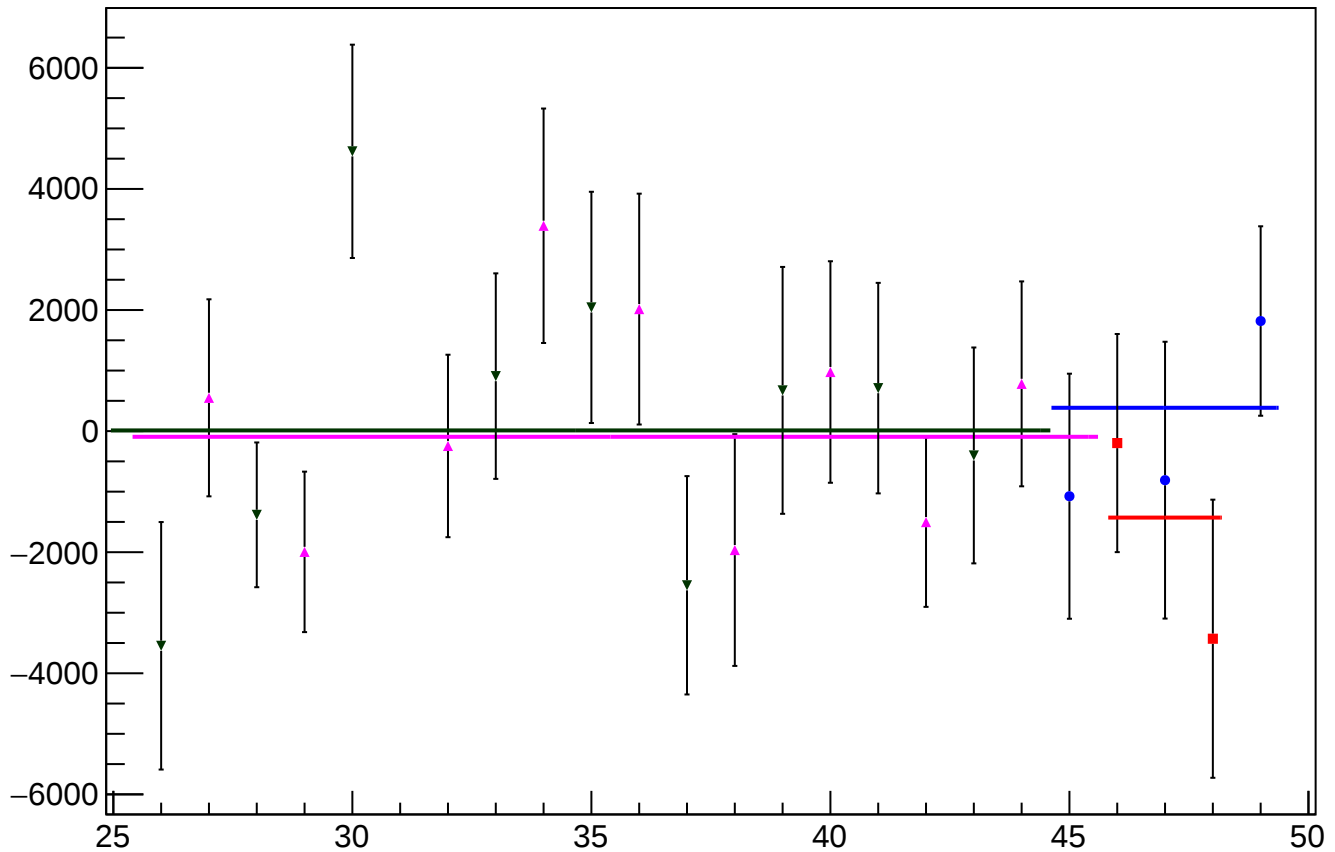
5649.239+/-1.546 χ^2/NDF : 282051.5/11

Right Out: 5072.766+/-3.874 χ^2/NDF : 12719.7/1

5791.180+/-1.618 χ^2/NDF : 151921.4/10

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

asym_sam5_mean vs slug



Right In: 385.332 ± 1088.554 $\chi^2/\text{NDF}: 1.6/2$

Left Out: 11.403 ± 570.182 $\chi^2/\text{NDF}: 15.0/8$

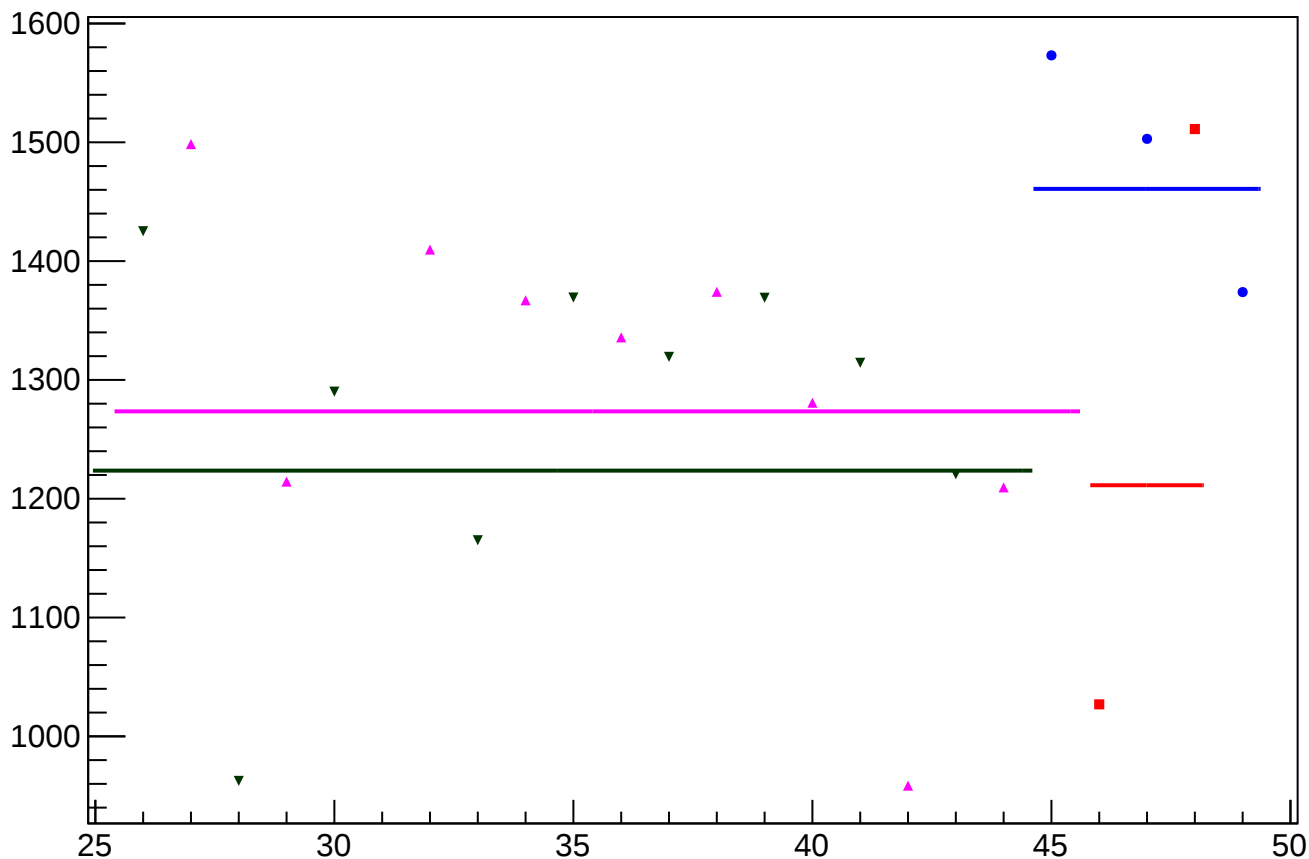
91.908 ± 505.088 $\chi^2/\text{NDF}: 16.7/11$

Right Out: -1428.383 ± 1417.602 $\chi^2/\text{NDF}: 1.2/1$

-266.081 ± 509.135 $\chi^2/\text{NDF}: 11.3/10$

Left In: -93.953 ± 545.533 $\chi^2/\text{NDF}: 9.3/8$

asym_sam5_rms vs slug



Right In: 1460.798+/-0.770 χ^2/NDF : 13010.2/2

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

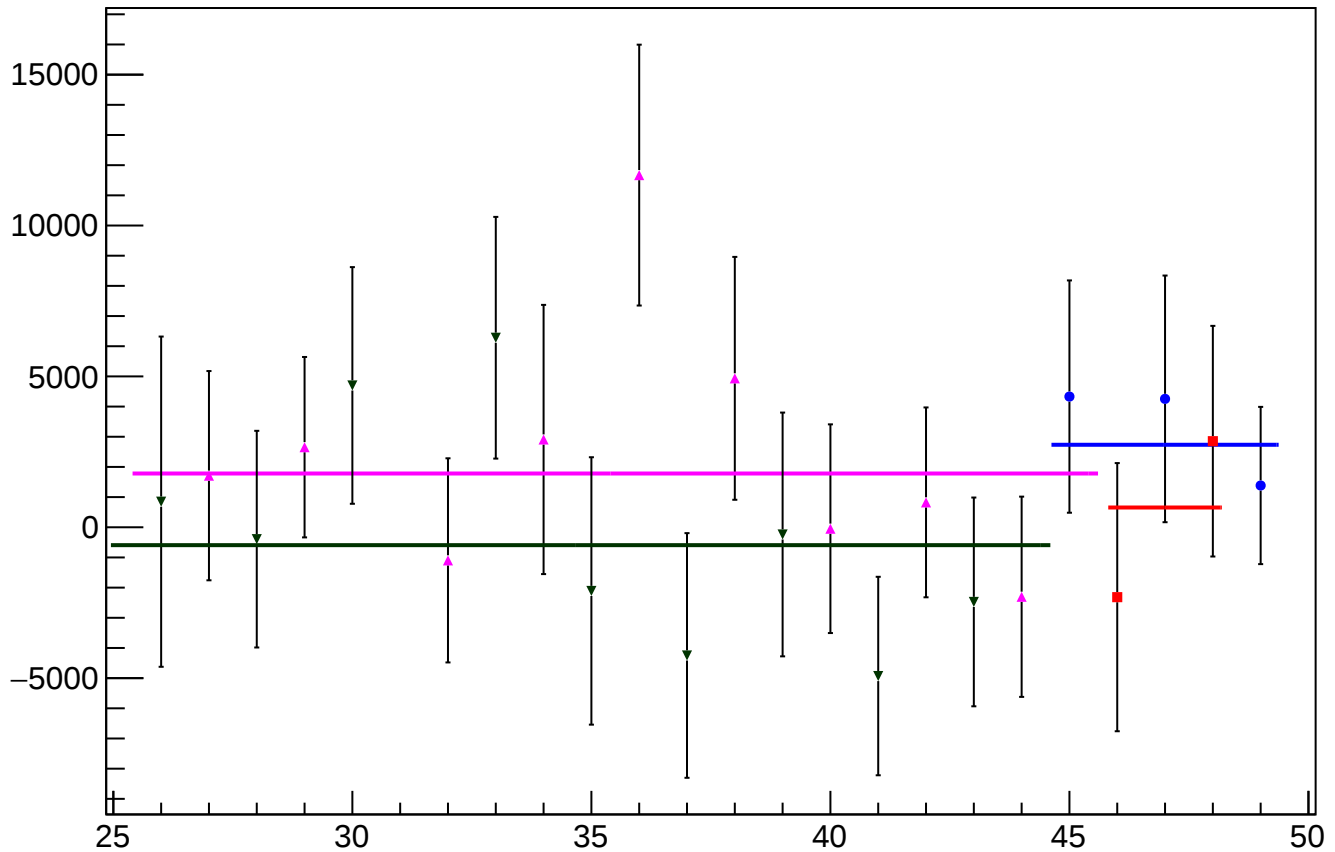
Right Out: 1211.359+/-1.002 χ^2/NDF : 55024.2/1

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

1274.713+/-0.357 χ^2/NDF : 240528.5/11

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

asym_sam6_mean vs slug



Right In: 2734.094+/-1908.139 χ^2/NDF : 0.6/2

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

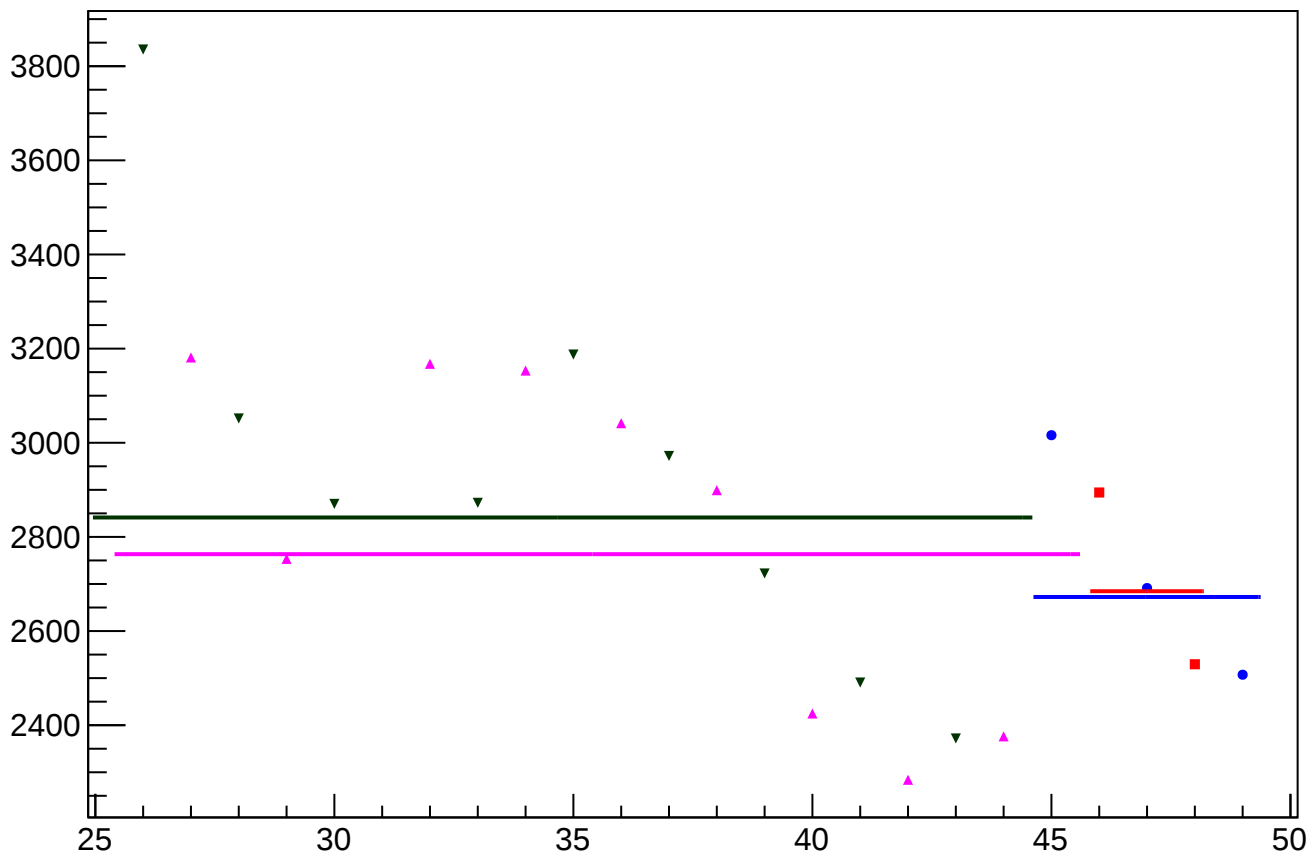
Right Out: 655.134+/-2897.503 χ^2/NDF : 0.8/1

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

467.306+/-1077.034 χ^2/NDF : 10.5/11

1622.713+/-1089.440 χ^2/NDF : 9.5/10

asym_sam6_rms vs slug



Right In: 2672.383+/-1.349 χ^2/NDF : 24023.2/2

Left Out: 2841.264+/-0.923 χ^2/NDF : 148700.6/8

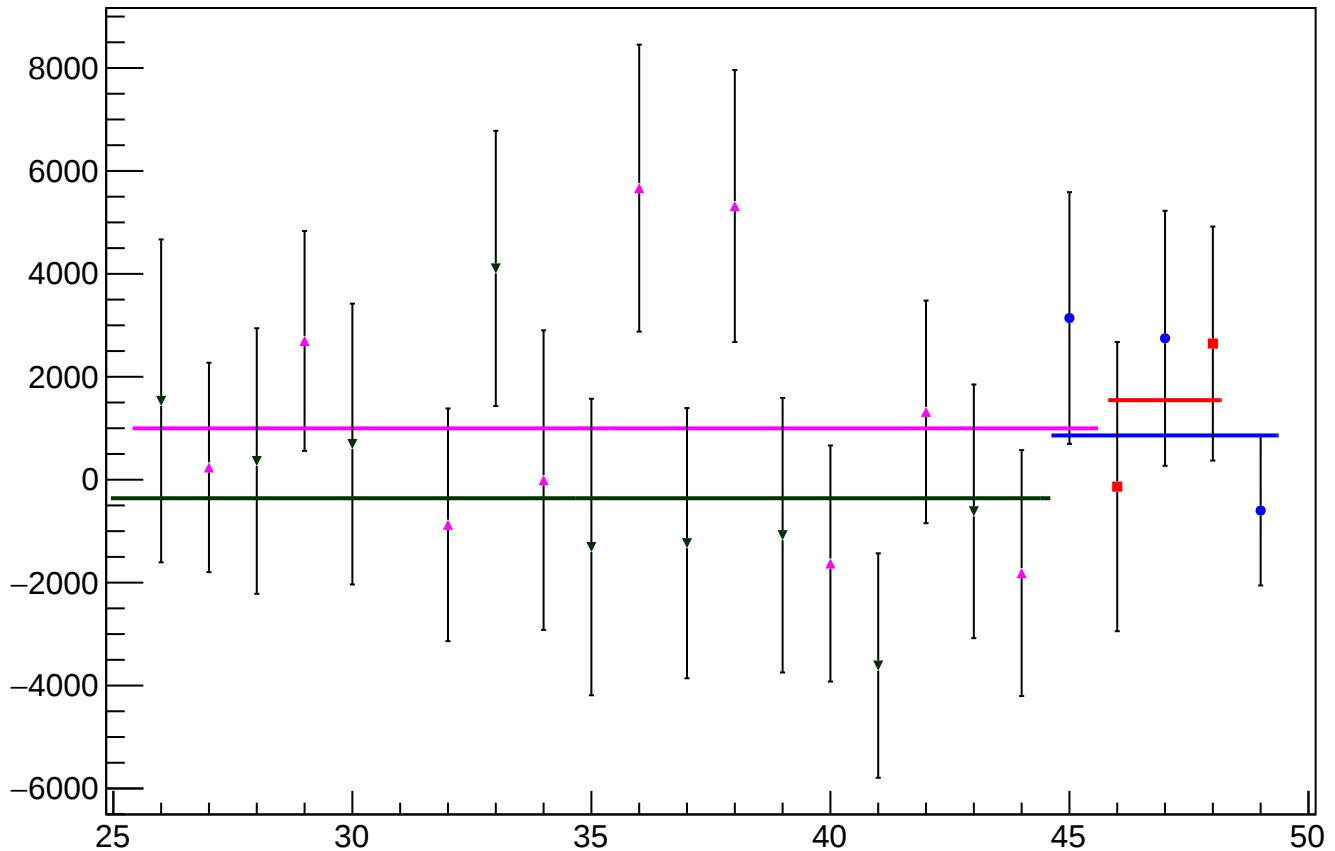
Right Out: 2684.596+/-2.049 χ^2/NDF : 7751.3/1

Left In: 2763.332+/-0.831 χ^2/NDF : 176305.8/8

2787.460+/-0.762 χ^2/NDF : 183399.1/11

2752.201+/-0.770 χ^2/NDF : 185325.1/10

asym_sam7_mean vs slug



Right In: 859.925+/-1116.490 χ^2/NDF : 2.5/2

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

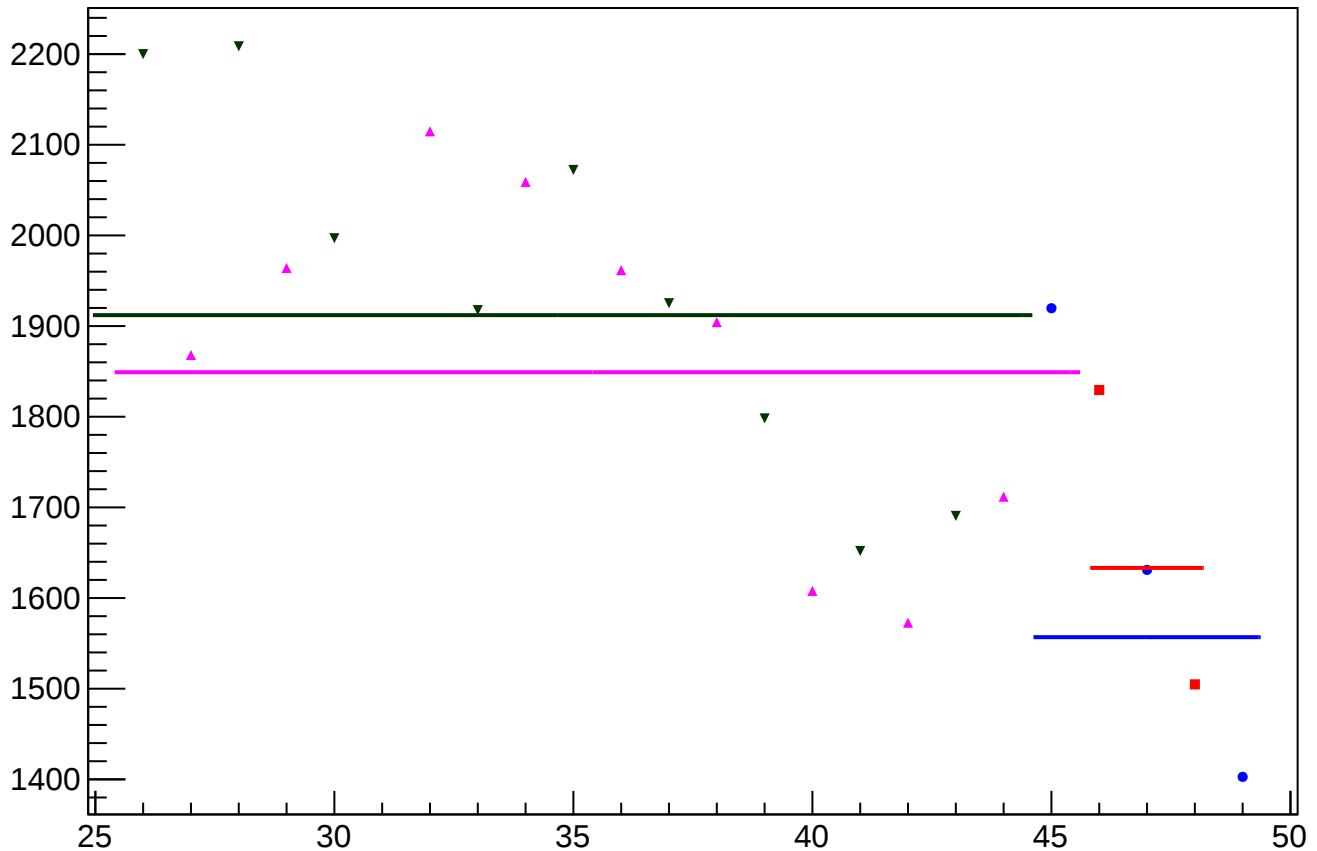
Right Out: 1545.763+/-1767.401 χ^2/NDF : 0.6/1

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

103.861+/-688.585 χ^2/NDF : 9.1/11

1087.702+/-716.992 χ^2/NDF : 10.4/10

asym_sam7_rms vs slug



Right In: 1556.836+/-0.789 χ^2/NDF : 68234.3/2

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

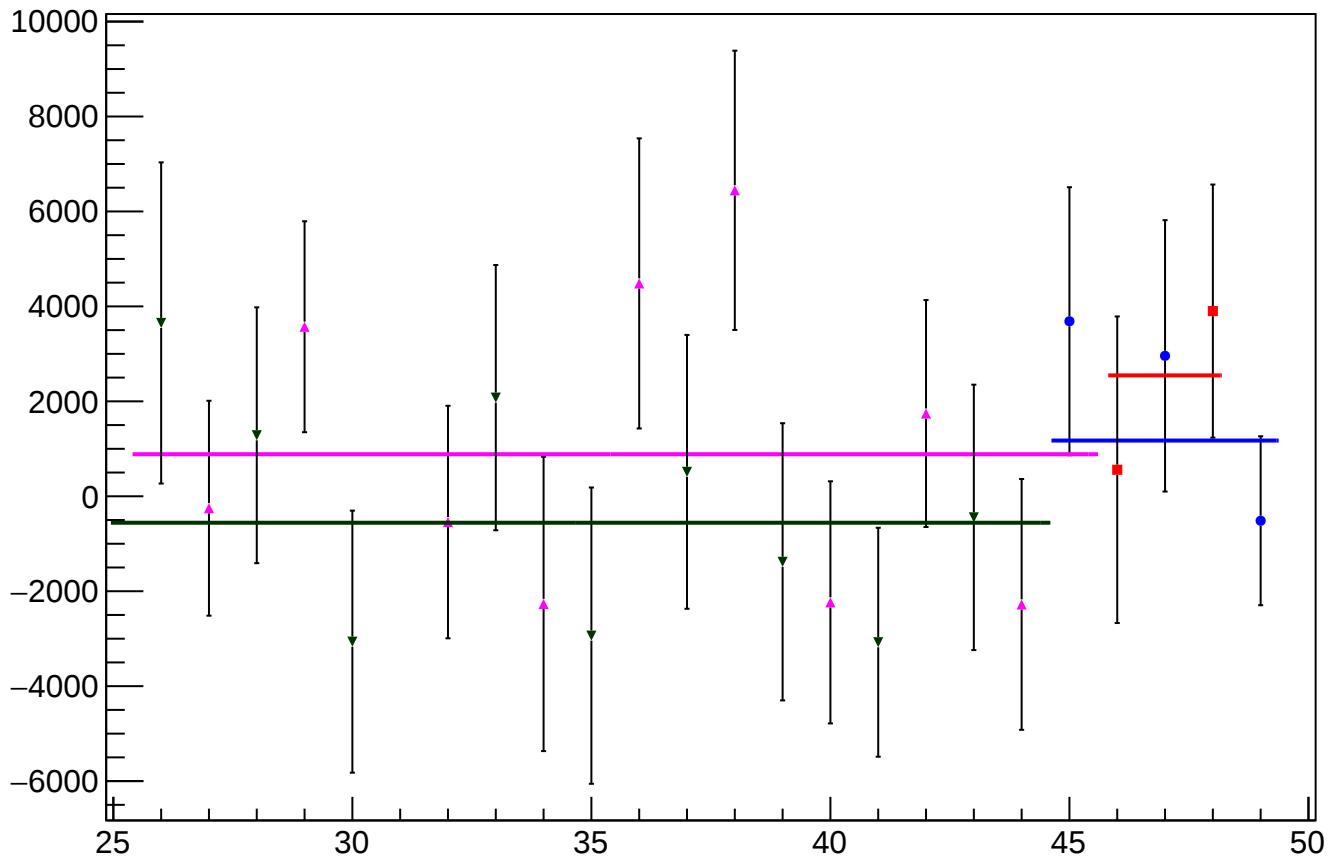
Right Out: 1633.257+/-1.250 χ^2/NDF : 16144.7/1

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1776.945+/-0.487 χ^2/NDF : 293345.5/11

1813.577+/-0.507 χ^2/NDF : 150564.9/10

asym_sam8_mean vs slug



Right In: 1174.078 $\pm$ 1331.982 χ^2/NDF : 2.1/2

Left Out: -557.273 $\pm$ 942.969 χ^2/NDF : 5.6/8

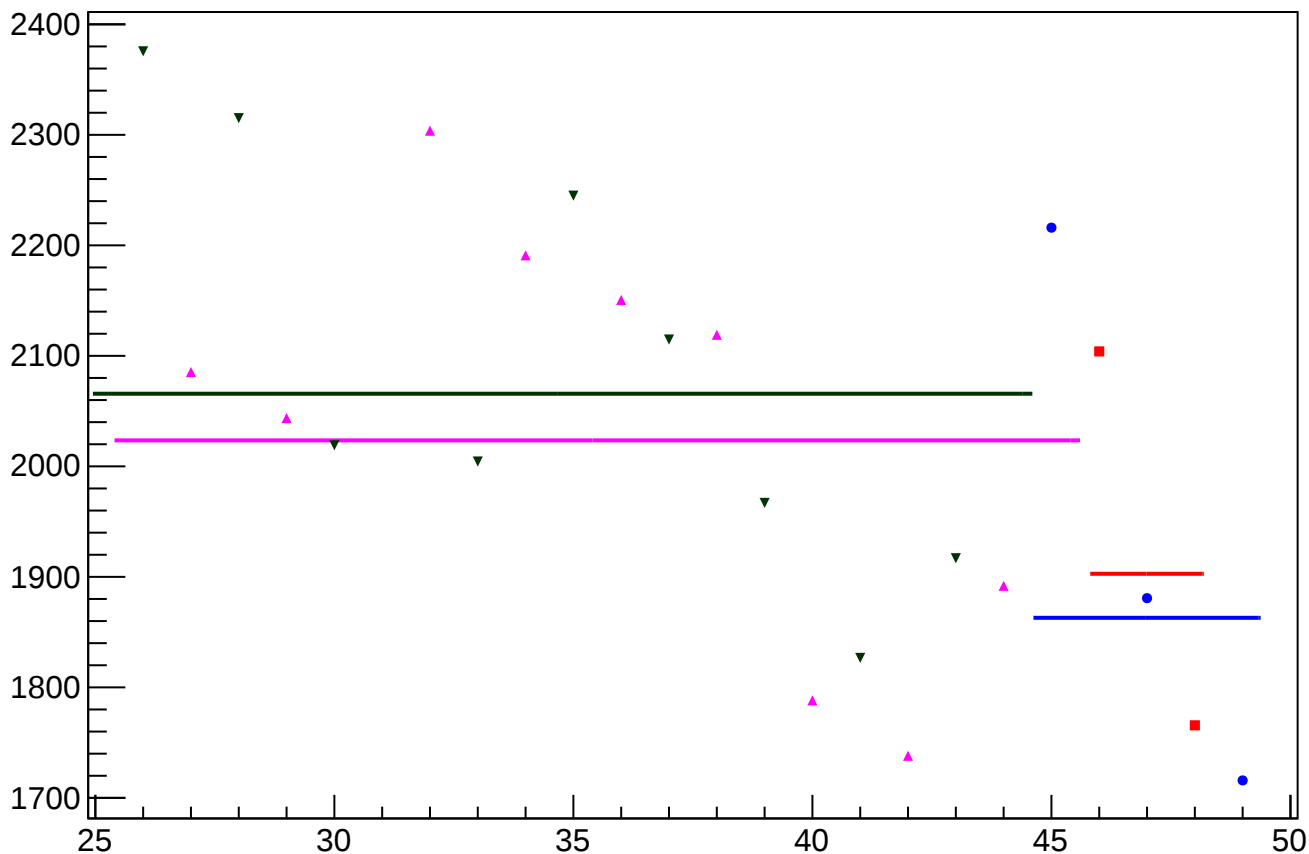
Right Out: 2546.746 $\pm$ 2055.598 χ^2/NDF : 0.6/1

Left In: 886.158 $\pm$ 856.437 χ^2/NDF : 11.1/8

20.755 $\pm$ 769.627 χ^2/NDF : 8.8/11

1131.777 $\pm$ 790.566 χ^2/NDF : 12.3/10

asym_sam8_rms vs slug



Right In: 1862.951+/-0.942 χ^2/NDF : 45030.6/2

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

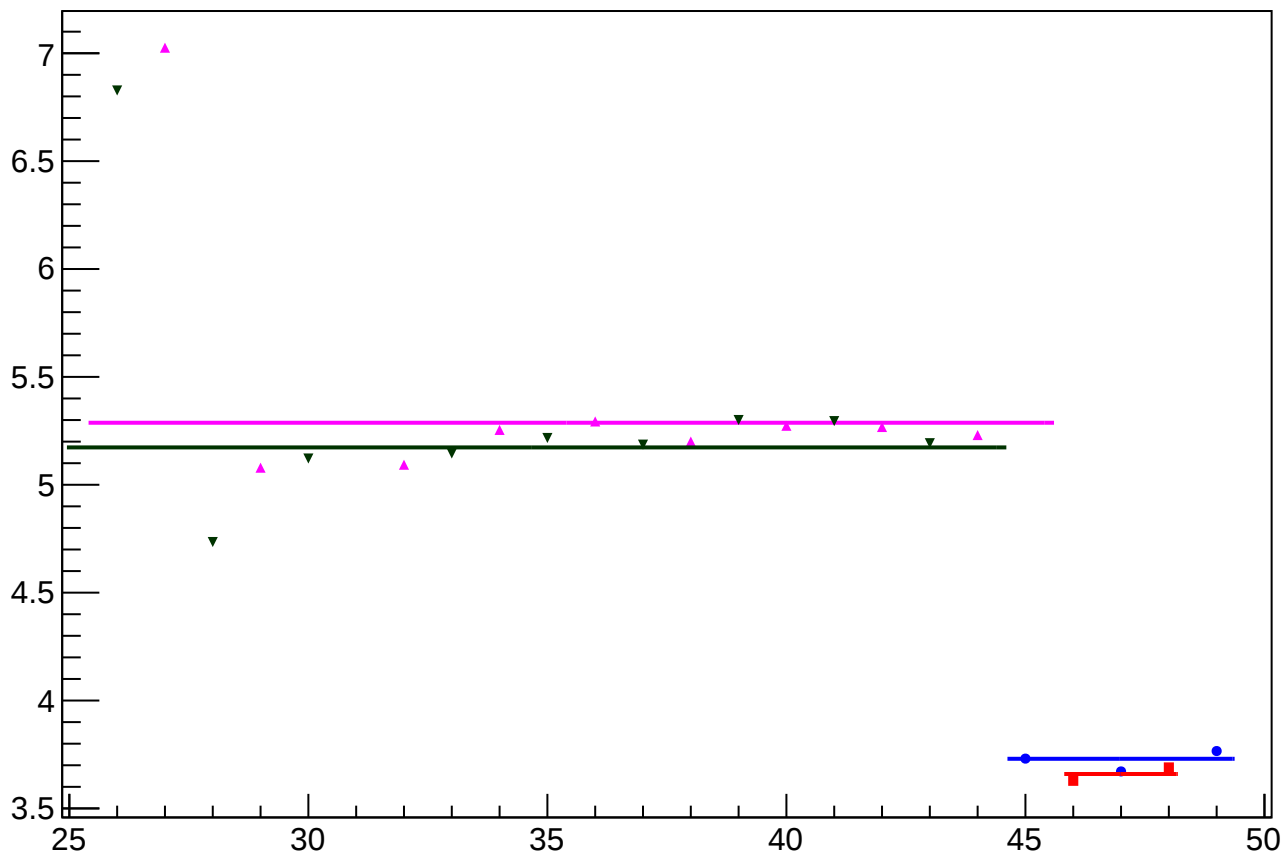
Right Out: 1902.788+/-1.454 χ^2/NDF : 13060.5/1

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1998.031+/-0.544 χ^2/NDF : 146140.0/11

2005.661+/-0.559 χ^2/NDF : 108714.8/10

yield_sam1_mean vs slug



Right In: 3.730+/-0.000 χ^2/NDF : 12751670.1/2

Left Out: 5.173+/-0.000 χ^2/NDF : 2171929405.9/8

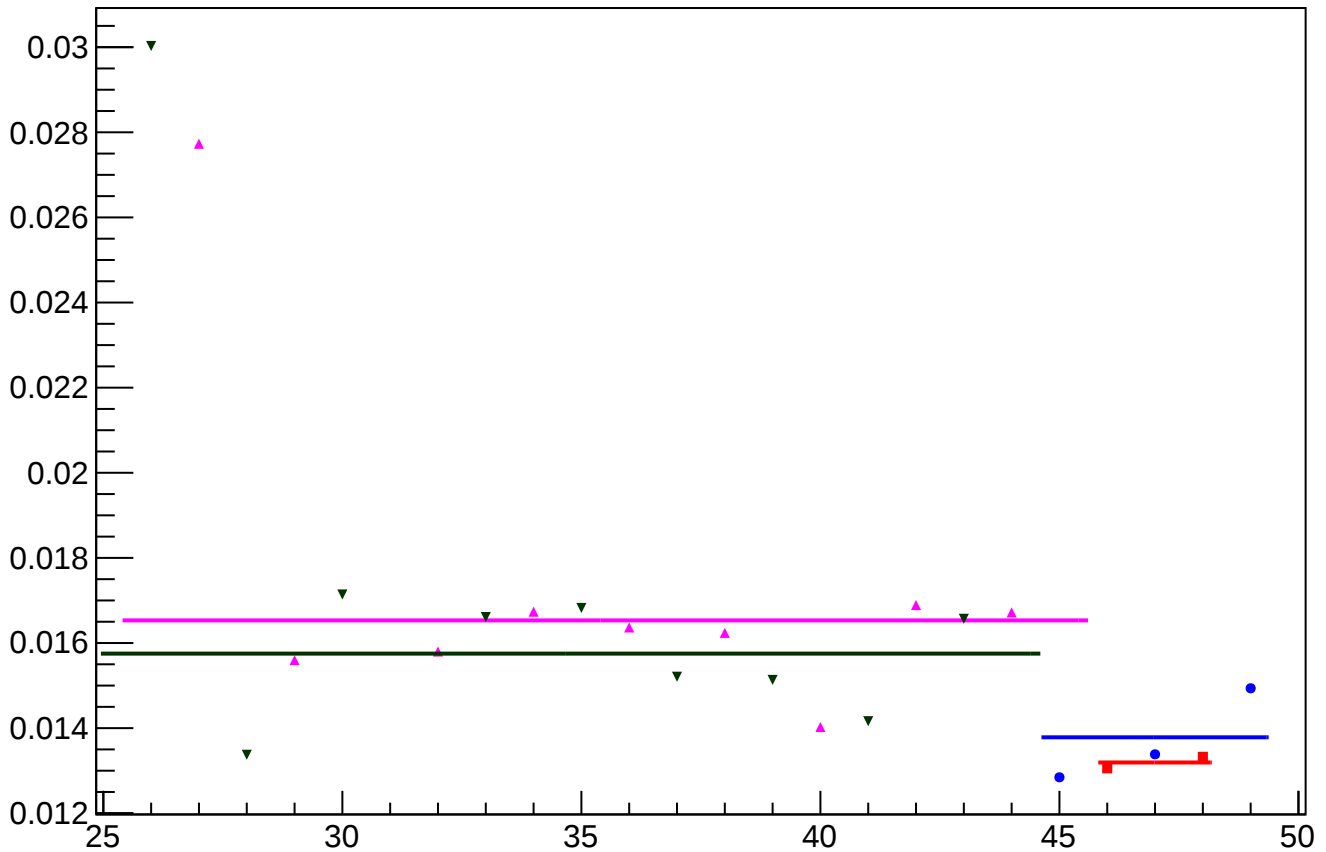
Right Out: 3.660+/-0.000 χ^2/NDF : 4475156.9/1

Left In: 5.287+/-0.000 χ^2/NDF : 3281292278.3/8

4.667+/-0.000 χ^2/NDF : 15156614034.1/11

4.967+/-0.000 χ^2/NDF : 13234765902.8/10

yield_sam1_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 16873.4/2

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

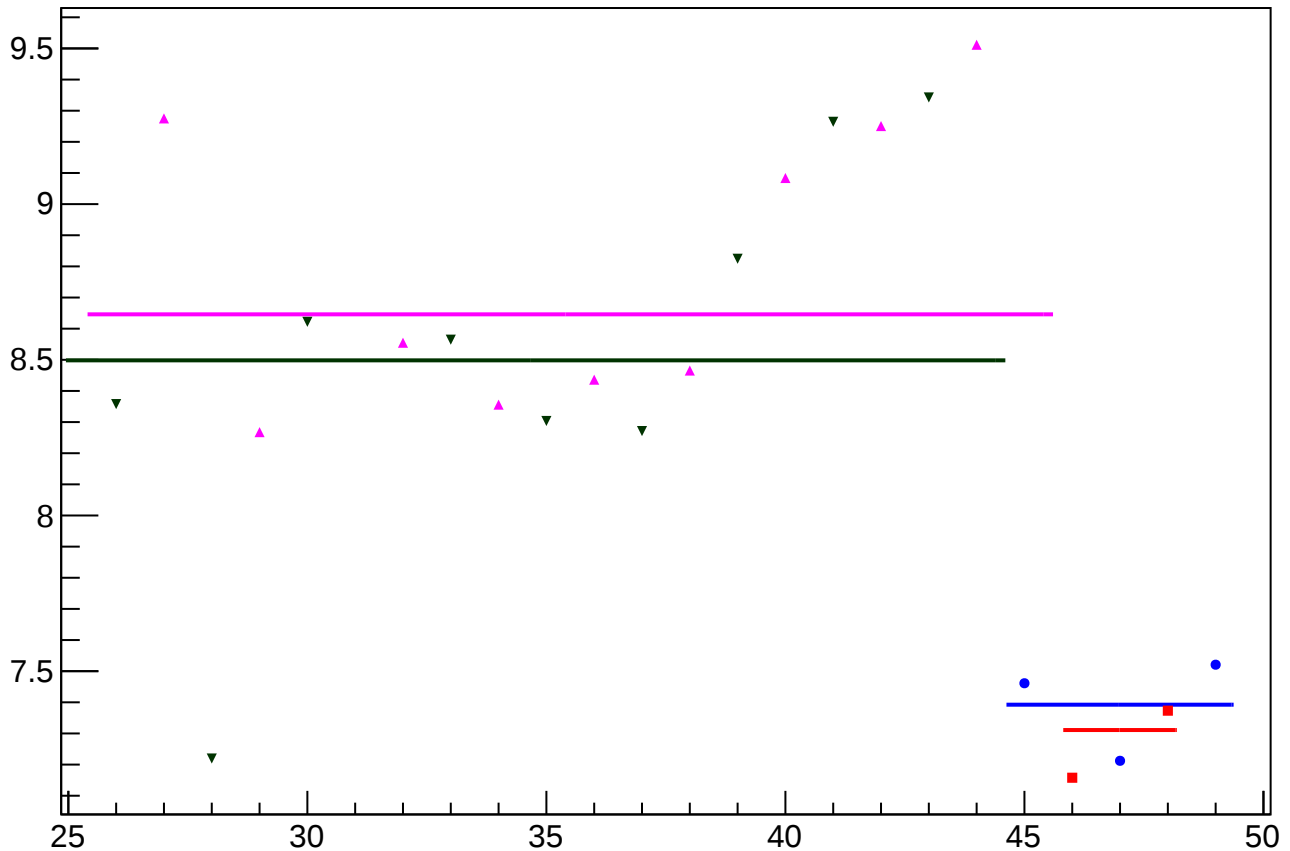
Right Out: 0.013+/-0.000 χ^2/NDF : 170.4/1

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

0.015+/-0.000 χ^2/NDF : 351052.1/11

0.016+/-0.000 χ^2/NDF : 372670.6/10

yield_sam2_mean vs slug



Right In: 7.392 $\pm$ 0.000 χ^2 /NDF: 2793566.4/2

Left Out: 8.498 $\pm$ 0.000 χ^2 /NDF: 85994294.5/8

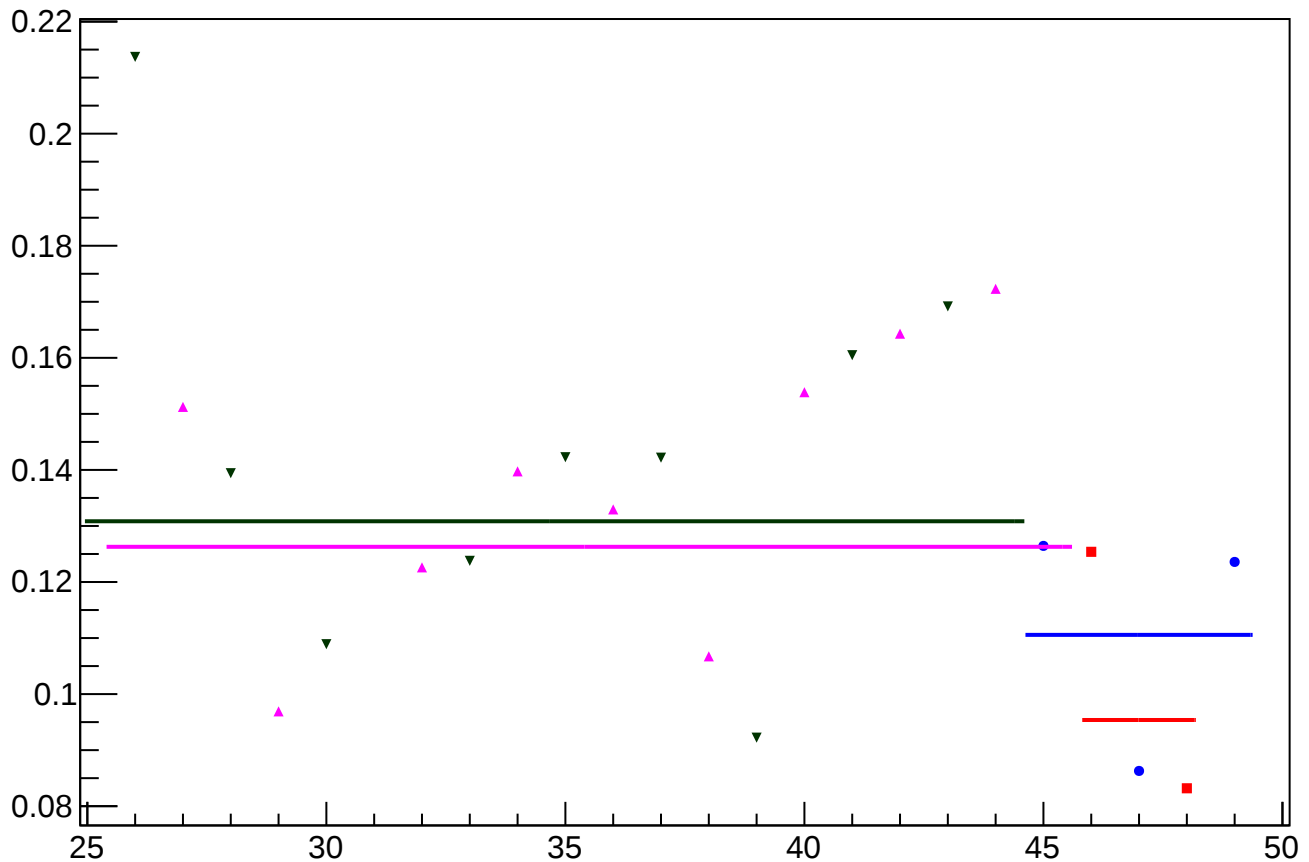
Right Out: 7.311 $\pm$ 0.000 χ^2 /NDF: 791423.4/1

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53836286.5/8

8.098 $\pm$ 0.000 χ^2 /NDF: 200832006.2/11

8.371 $\pm$ 0.000 χ^2 /NDF: 172164159.9/10

yield_sam2_rms vs slug



Right In: 0.111+/-0.000 χ^2/NDF : 98973.9/2

Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

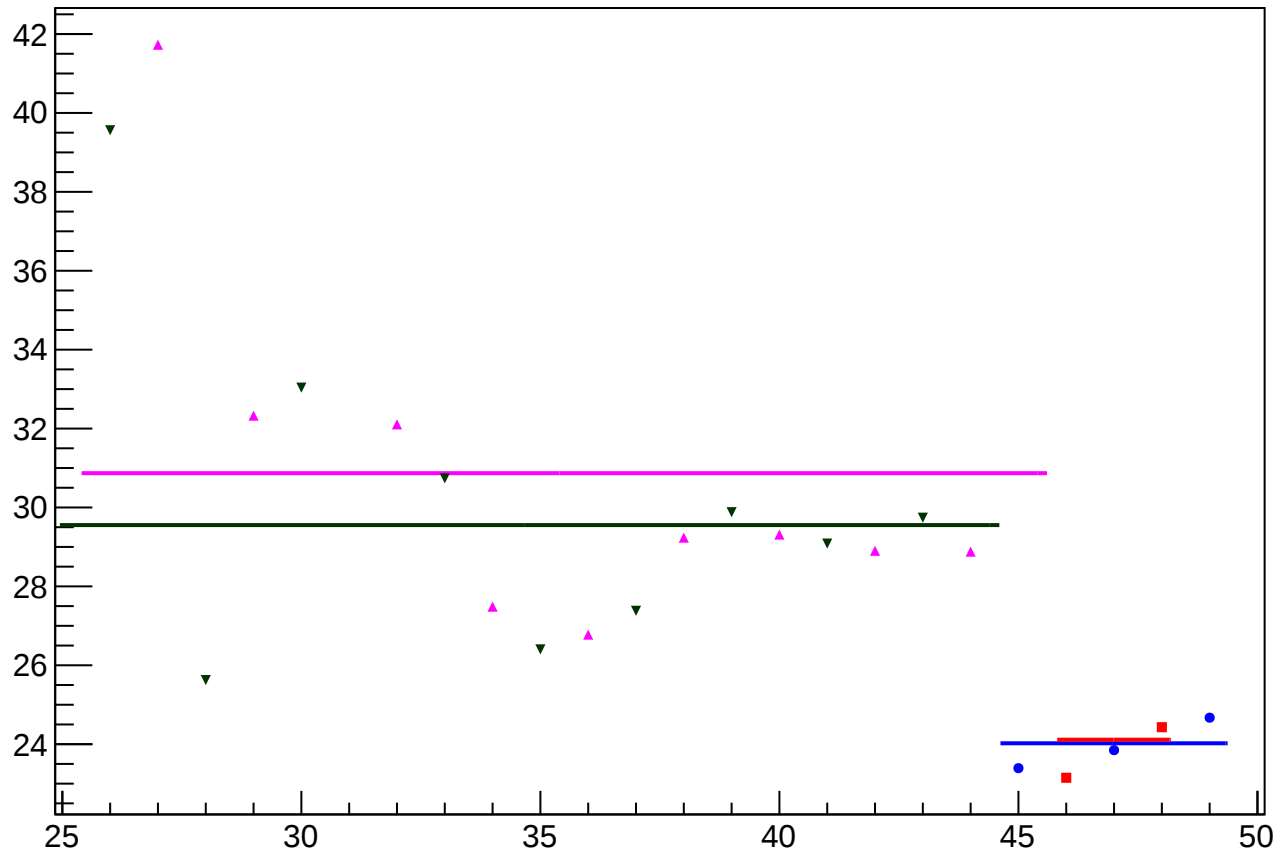
Right Out: 0.095+/-0.000 χ^2/NDF : 60742.8/1

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

0.123+/-0.000 χ^2/NDF : 609610.6/11

0.120+/-0.000 χ^2/NDF : 572011.9/10

yield_sam3_mean vs slug



Right In: 24.023+/-0.000 χ^2/NDF : 2145663.1/2

Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

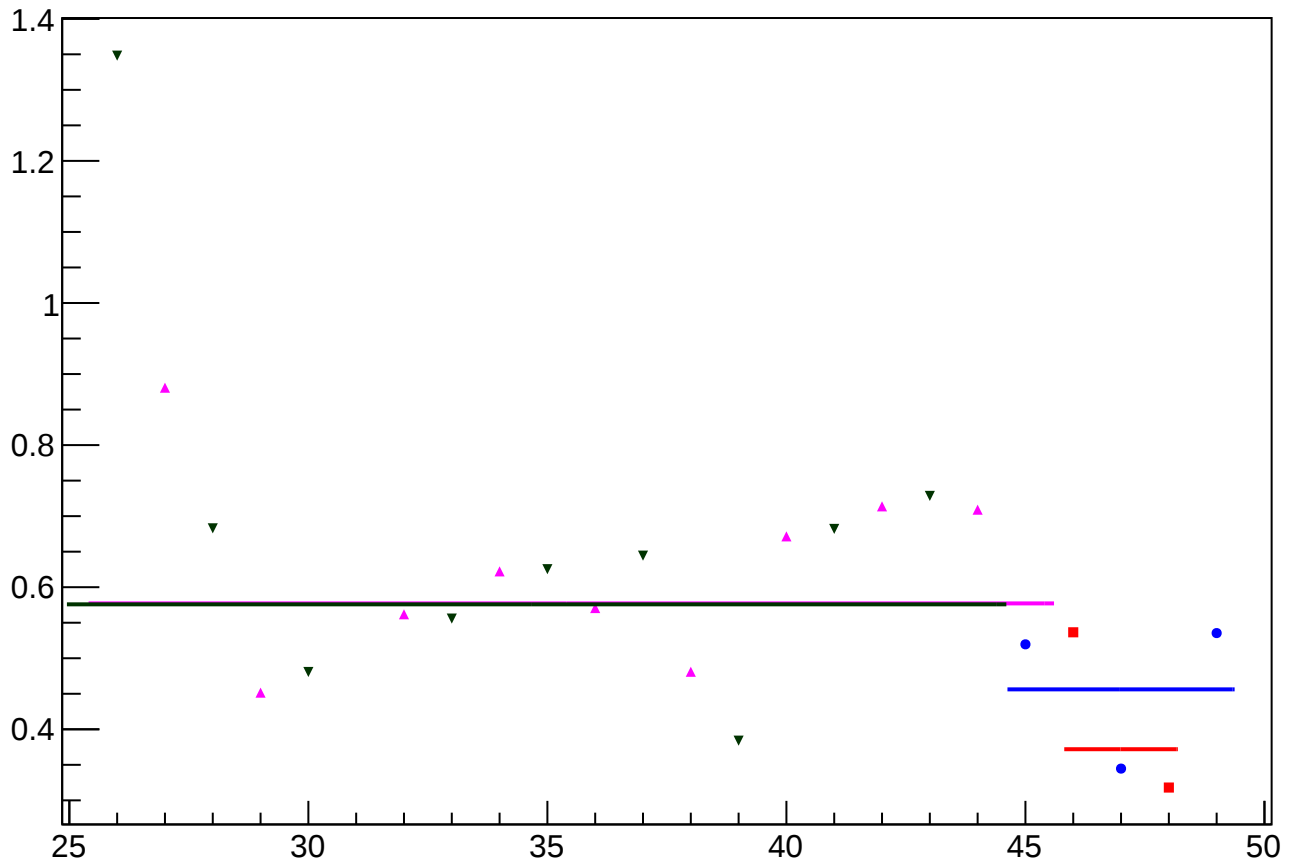
Right Out: 24.114+/-0.000 χ^2/NDF : 1587271.9/1

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

27.374+/-0.000 χ^2/NDF : 247770958.0/11

29.135+/-0.000 χ^2/NDF : 357372660.7/10

yield_sam3_rms vs slug



Right In: 0.456 $\pm$ 0.000 χ^2/NDF : 133760.4/2

Left Out: 0.576 $\pm$ 0.000 χ^2/NDF : 671672.2/8

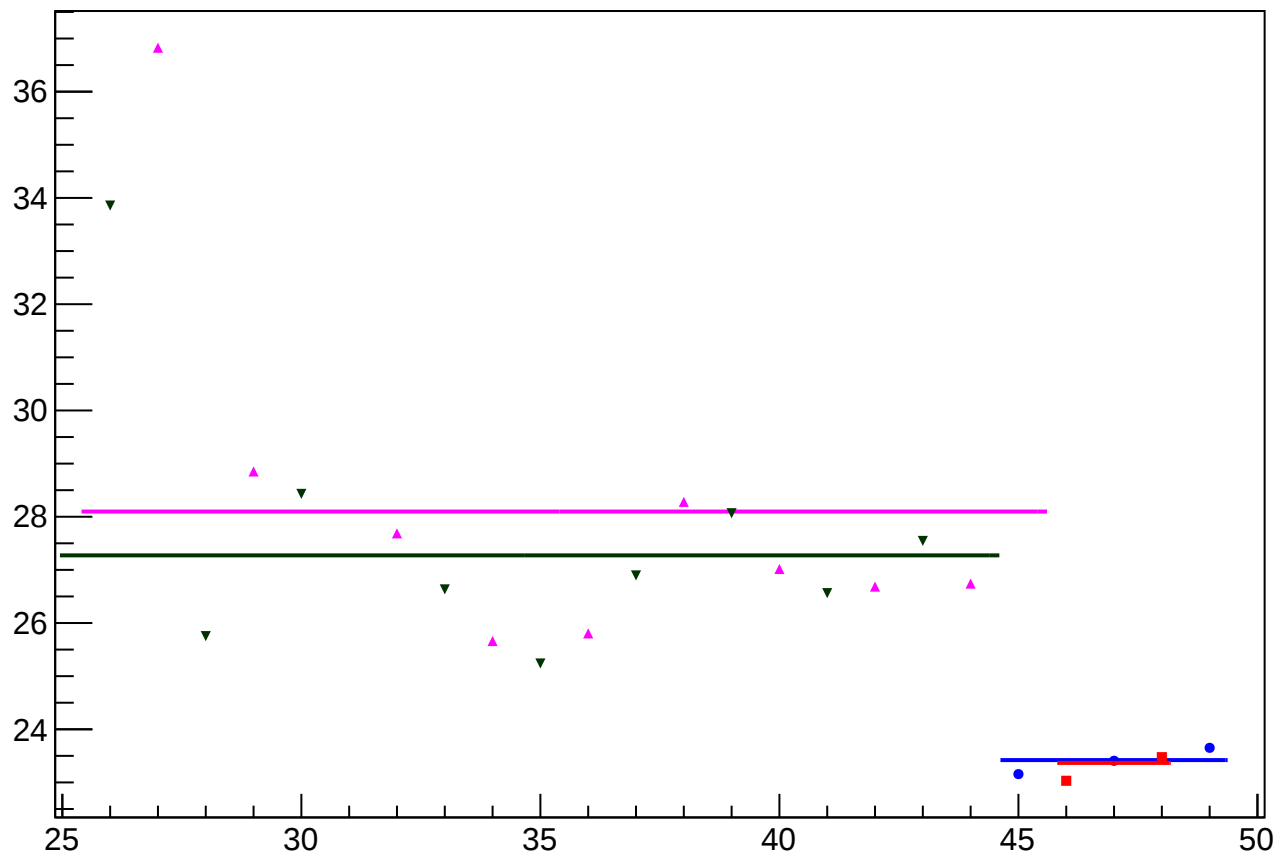
Right Out: 0.372 $\pm$ 0.000 χ^2/NDF : 92264.5/1

Left In: 0.577 $\pm$ 0.000 χ^2/NDF : 428925.6/8

0.529 $\pm$ 0.000 χ^2/NDF : 948199.9/11

0.524 $\pm$ 0.000 χ^2/NDF : 846527.5/10

yield_sam4_mean vs slug



Right In: 23.420 ± 0.000 χ^2/NDF : 864808.8/2

Left Out: 27.273 ± 0.000 χ^2/NDF : 91783516.1/8

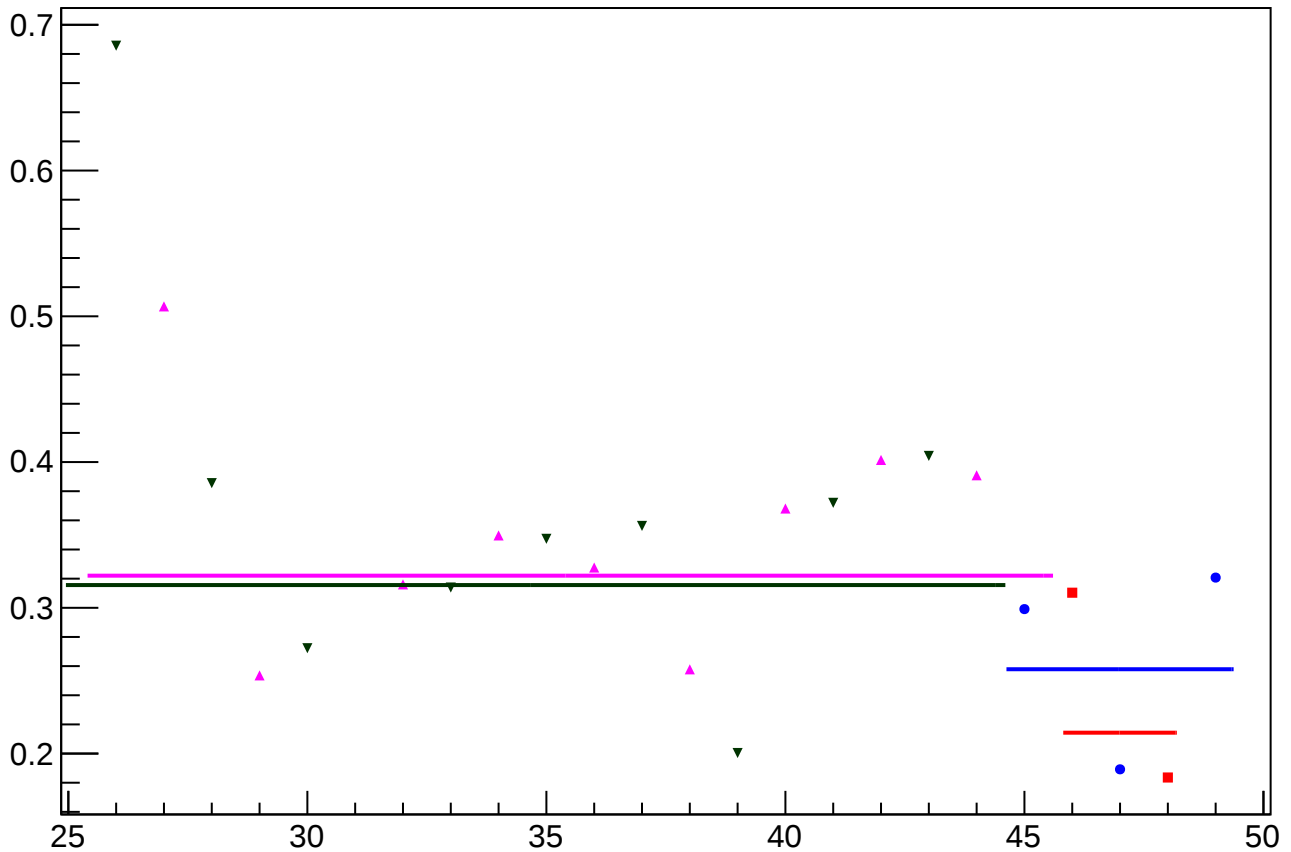
Right Out: 23.367 ± 0.000 χ^2/NDF : 576490.4/1

Left In: 28.098 ± 0.000 χ^2/NDF : 296123459.5/8

25.837 ± 0.000 χ^2/NDF : 328066192.2/11

26.928 ± 0.000 χ^2/NDF : 564858379.0/10

yield_sam4_rms vs slug



Right In: 0.258 $\pm$ 0.000 χ^2 /NDF: 188057.1/2

Left Out: 0.316 $\pm$ 0.000 χ^2 /NDF: 711532.8/8

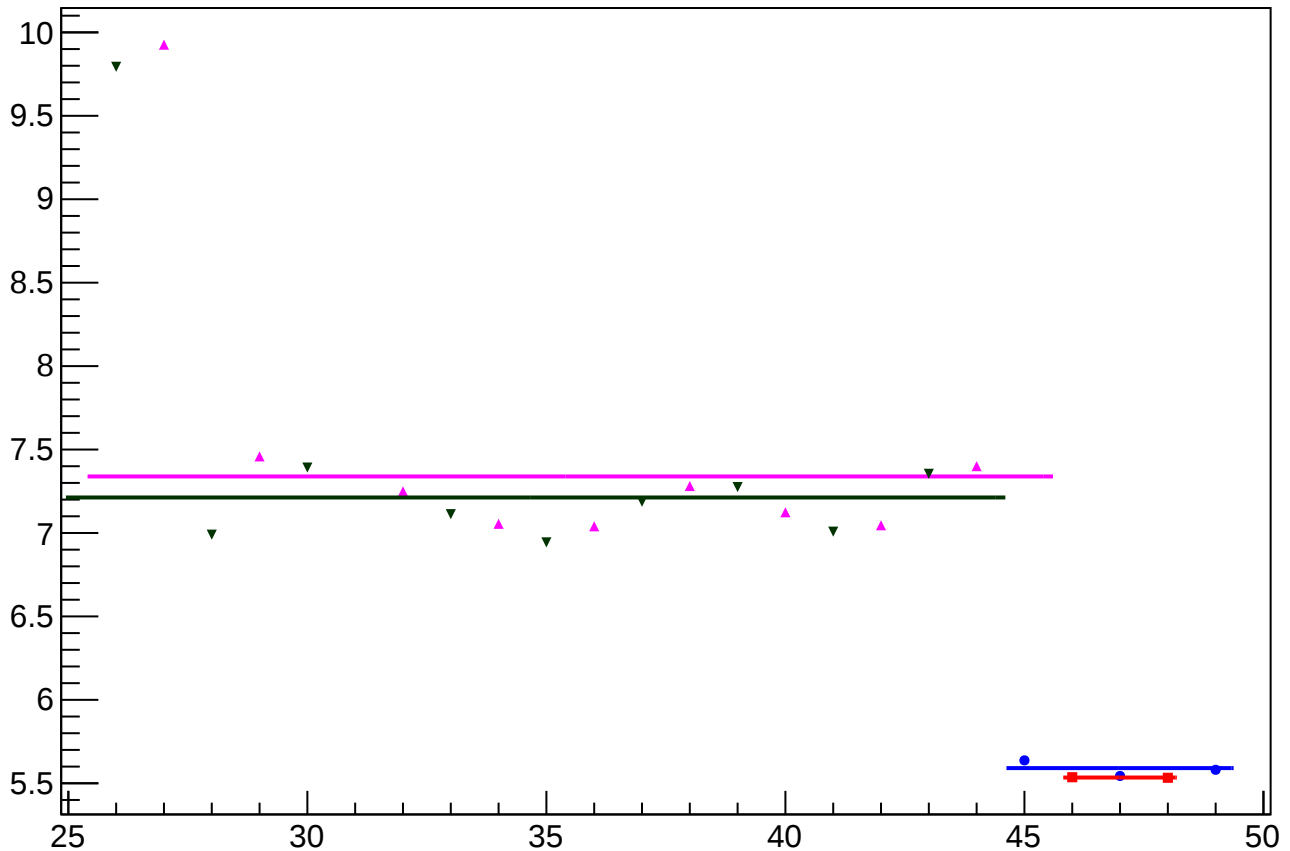
Right Out: 0.214 $\pm$ 0.000 χ^2 /NDF: 94042.4/1

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461575.4/8

0.294 $\pm$ 0.000 χ^2 /NDF: 1005373.5/11

0.295 $\pm$ 0.000 χ^2 /NDF: 833771.1/10

yield_sam5_mean vs slug



Right In: 5.591+/-0.000 χ^2/NDF : 7806600.6/2

Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

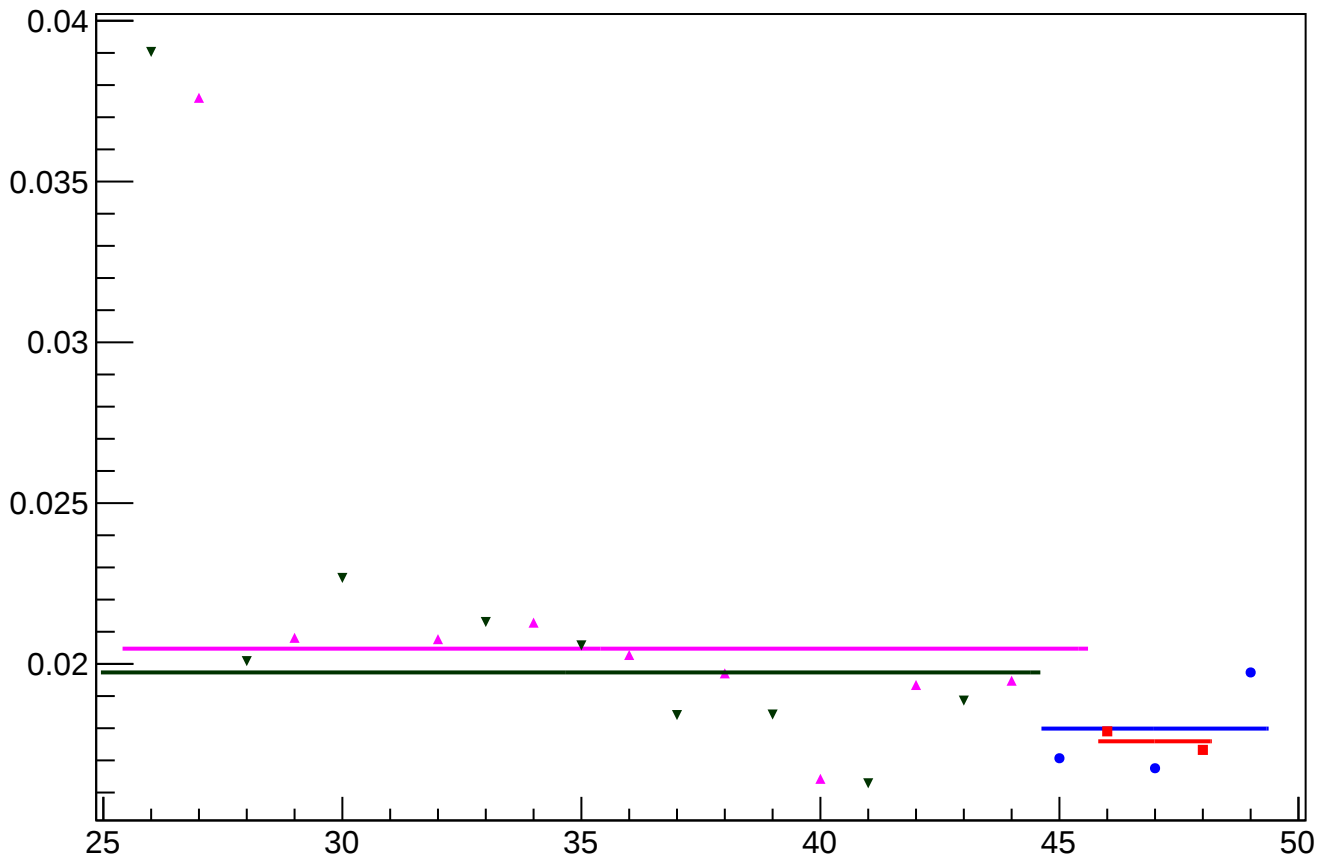
6.679+/-0.000 χ^2/NDF : 12284119711.2/11

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: 0.018+/-0.000 χ^2/NDF : 20738.7/2

Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

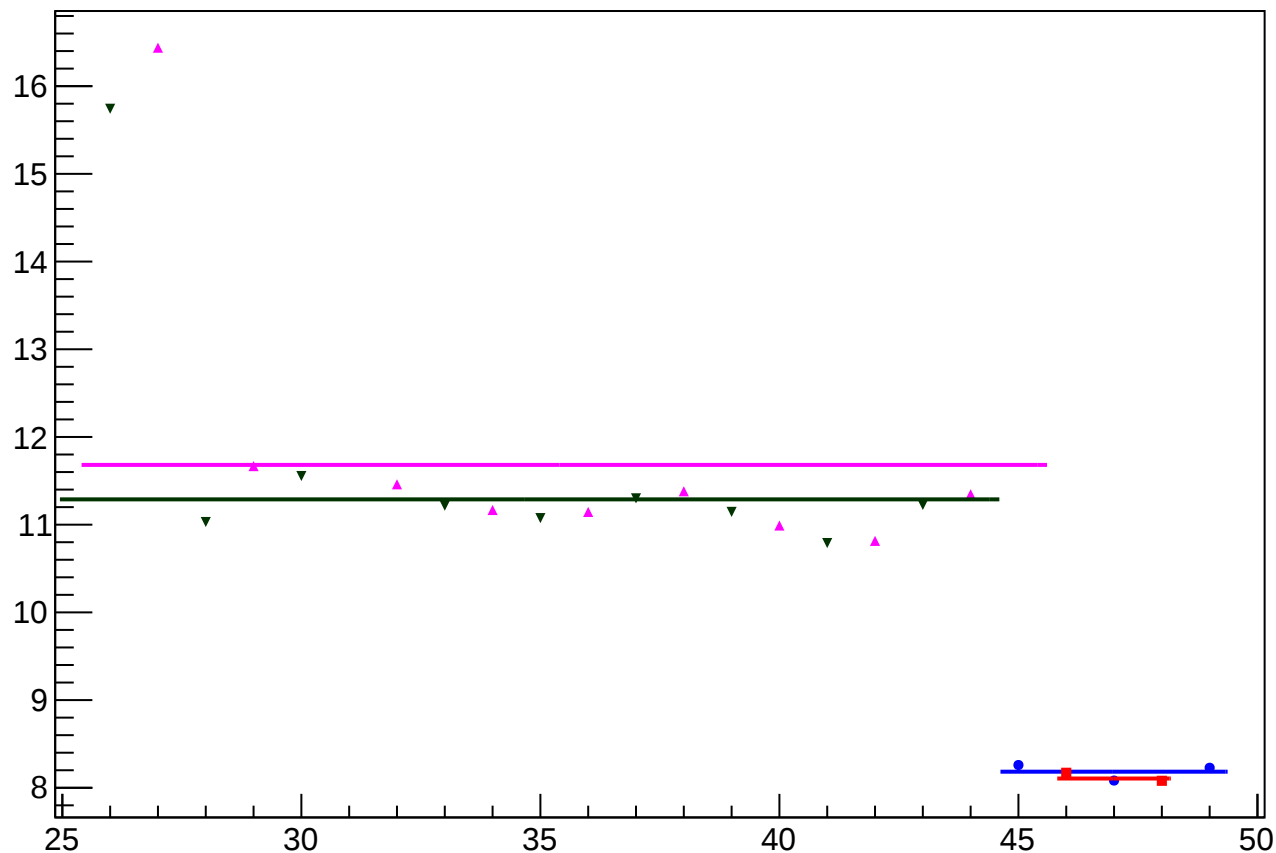
Right Out: 0.018+/-0.000 χ^2/NDF : 437.6/1

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

0.019+/-0.000 χ^2/NDF : 364426.9/11

0.020+/-0.000 χ^2/NDF : 416856.2/10

yield_sam6_mean vs slug



Right In: 8.184+/-0.000 χ^2/NDF : 3904081.7/2

Left Out: 11.289+/-0.000 χ^2/NDF :475112866.3/8

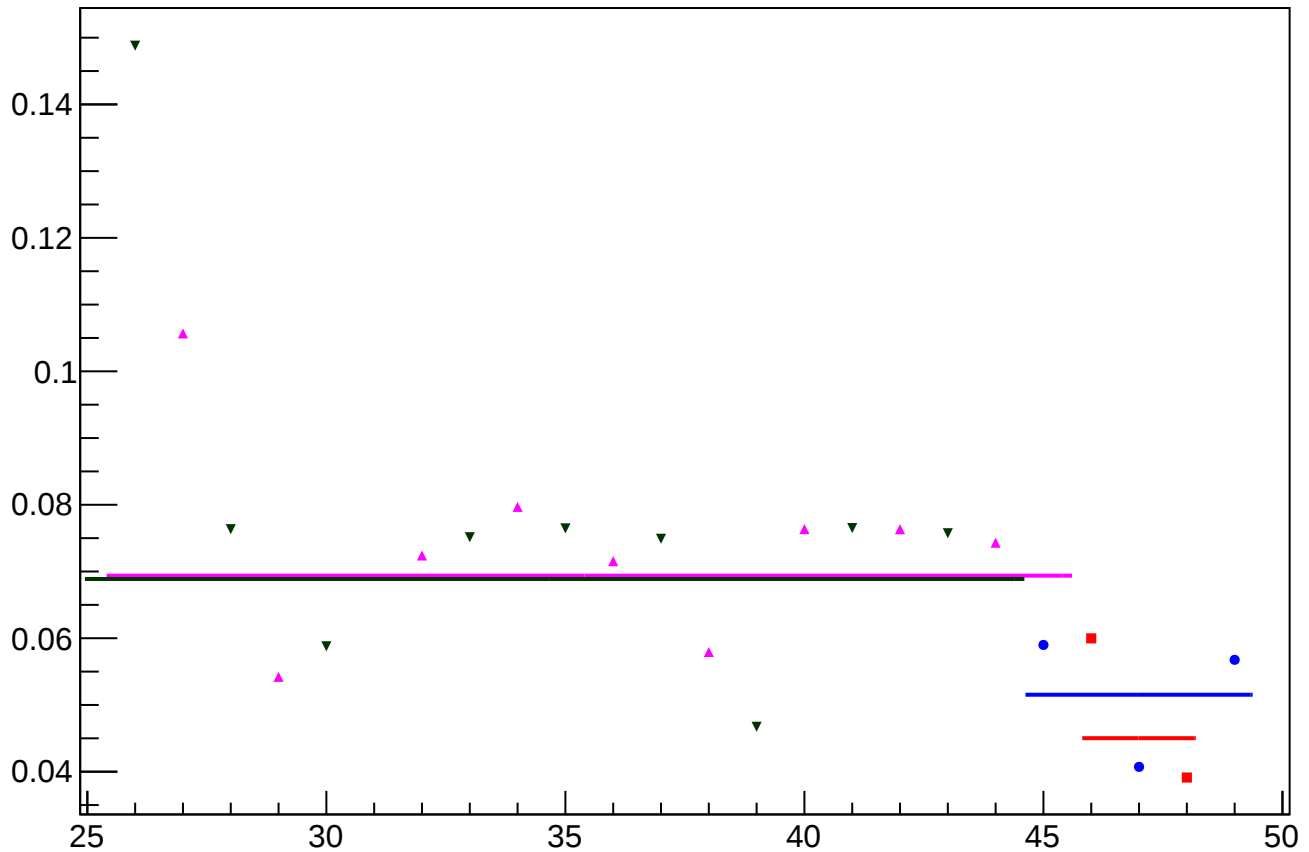
Right Out: 8.106+/-0.000 χ^2/NDF : 635486.4/1

Left In: 11.681+/-0.000 χ^2/NDF :1757981772.9/8

9.975+/-0.000 χ^2/NDF : 4153326457.8/11

10.751+/-0.000 χ^2/NDF : 5281864701.3/10

yield_sam6_rms vs slug



Right In: 0.052 $\pm$ 0.000 χ^2 /NDF: 88040.6/2

Left Out: 0.069 $\pm$ 0.000 χ^2 /NDF: 542333.9/8

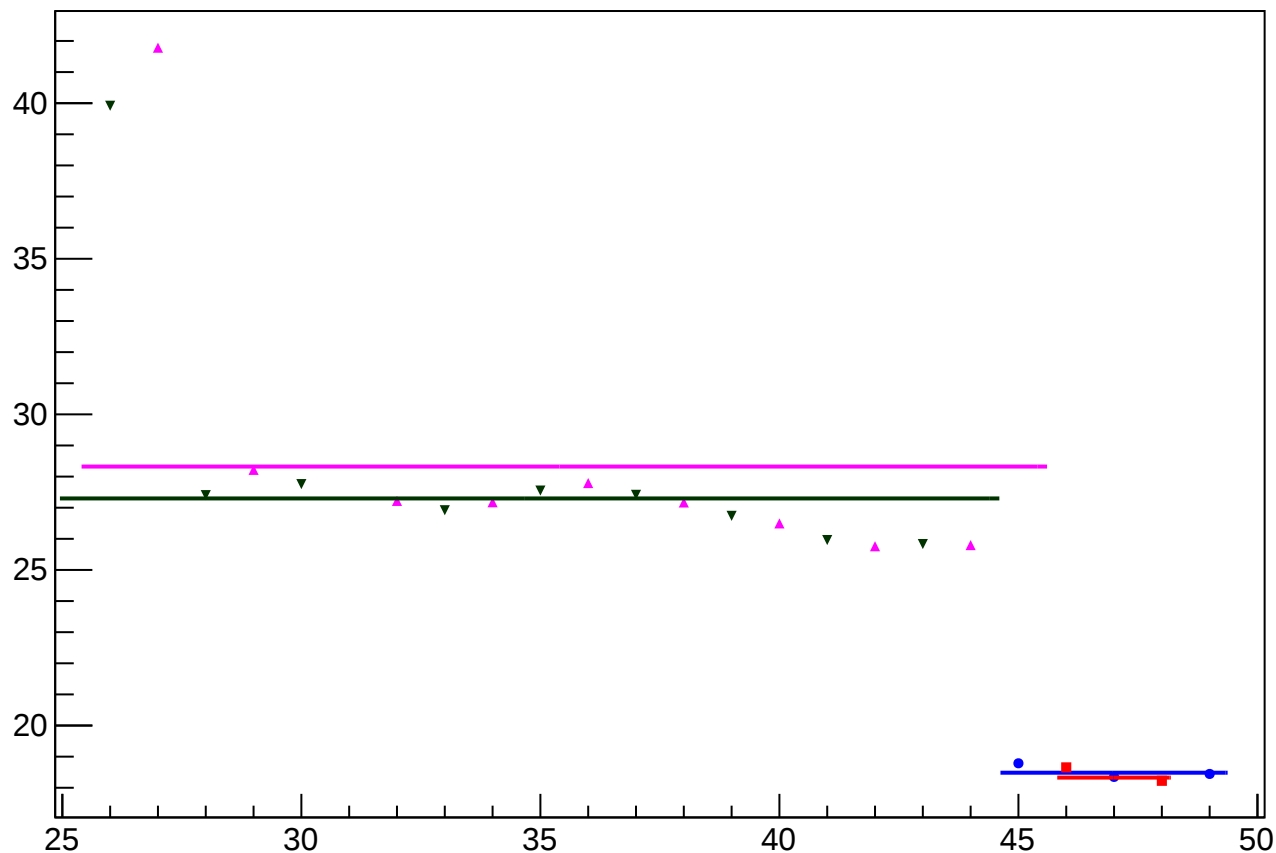
Right Out: 0.045 $\pm$ 0.000 χ^2 /NDF: 65670.6/1

Left In: 0.069 $\pm$ 0.000 χ^2 /NDF: 382716.0/8

0.062 $\pm$ 0.000 χ^2 /NDF: 859717.0/11

0.063 $\pm$ 0.000 χ^2 /NDF: 775415.8/10

yield_sam7_mean vs slug



Right In: 18.484+/-0.000 χ^2/NDF : 11343624.0/2

Left Out: 27.298+/-0.000 χ^2/NDF :1975060613.1/8

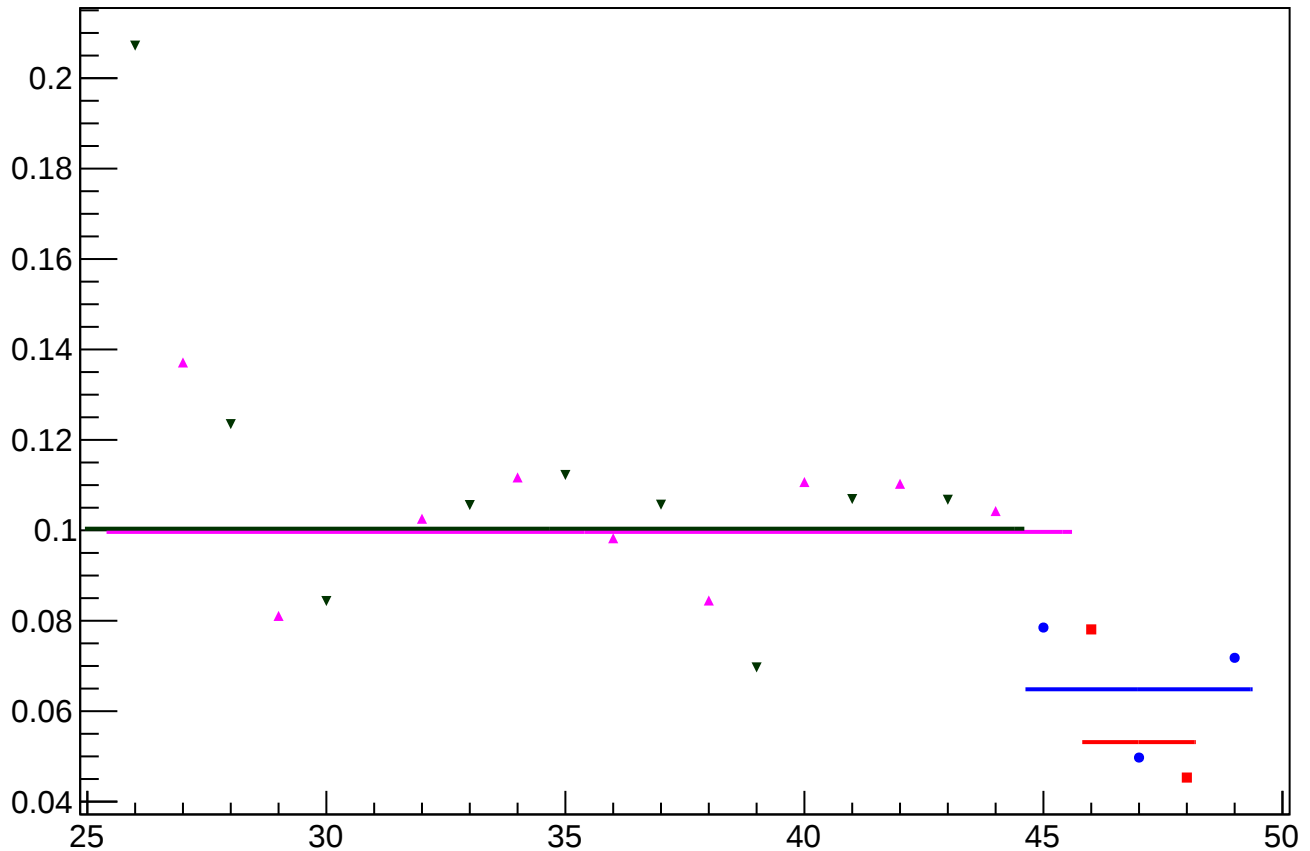
Right Out: 18.327+/-0.000 χ^2/NDF : 8538430.4/1

Left In: 28.322+/-0.000 χ^2/NDF :8116696622.8/8

22.972+/-0.000 χ^2/NDF : 18019856640.5/11

25.010+/-0.000 χ^2/NDF : 24998997297.8/10

yield_sam7_rms vs slug



Right In: 0.065 $\pm$ 0.000 χ^2 /NDF: 119917.4/2

Left Out: 0.100 $\pm$ 0.000 χ^2 /NDF: 509899.4/8

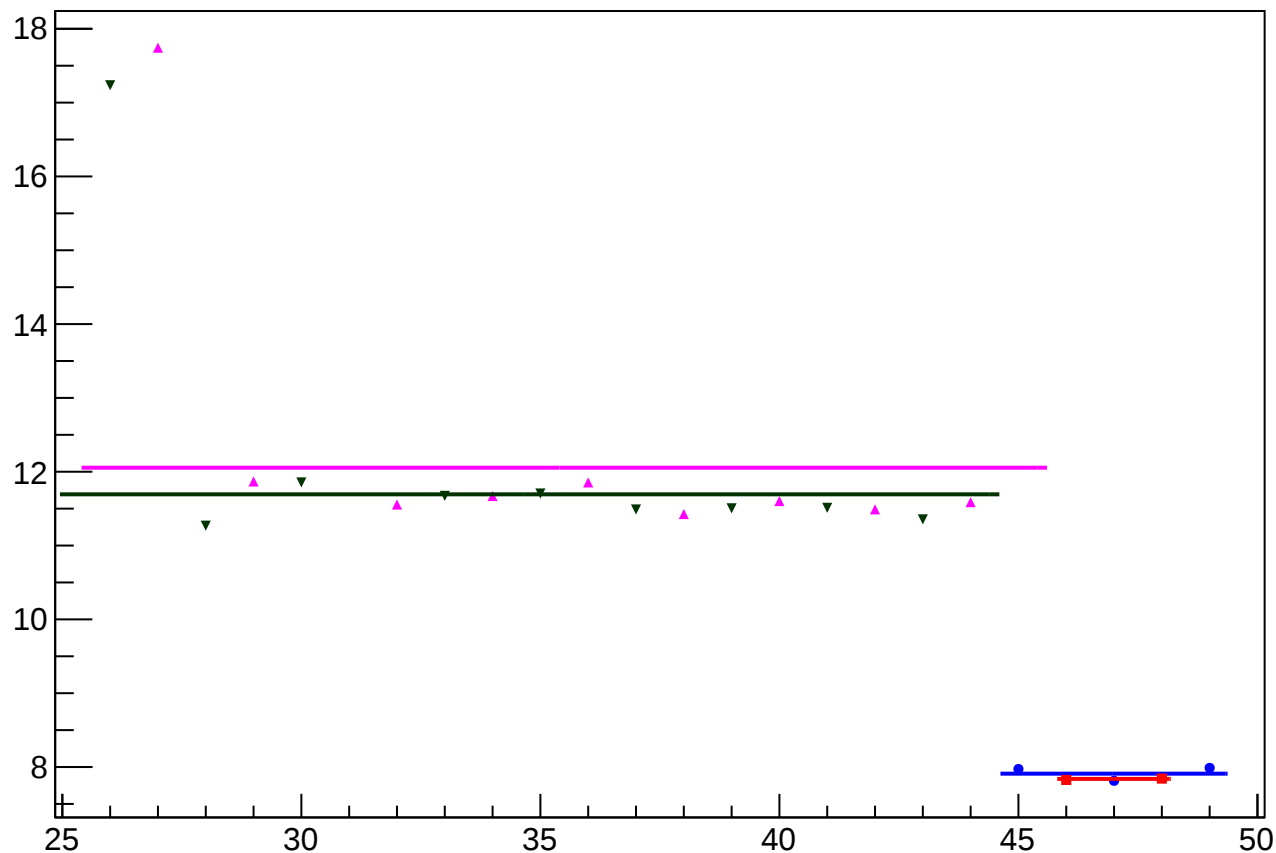
Right Out: 0.053 $\pm$ 0.000 χ^2 /NDF: 98742.4/1

Left In: 0.100 $\pm$ 0.000 χ^2 /NDF: 255418.8/8

0.083 $\pm$ 0.000 χ^2 /NDF: 1150557.7/11

0.084 $\pm$ 0.000 χ^2 /NDF: 1084308.5/10

yield_sam8_mean vs slug



Right In: 7.910+/-0.000 χ^2/NDF : 12021753.7/2

Left Out: 11.694+/-0.000 χ^2/NDF :1571804703.3/8

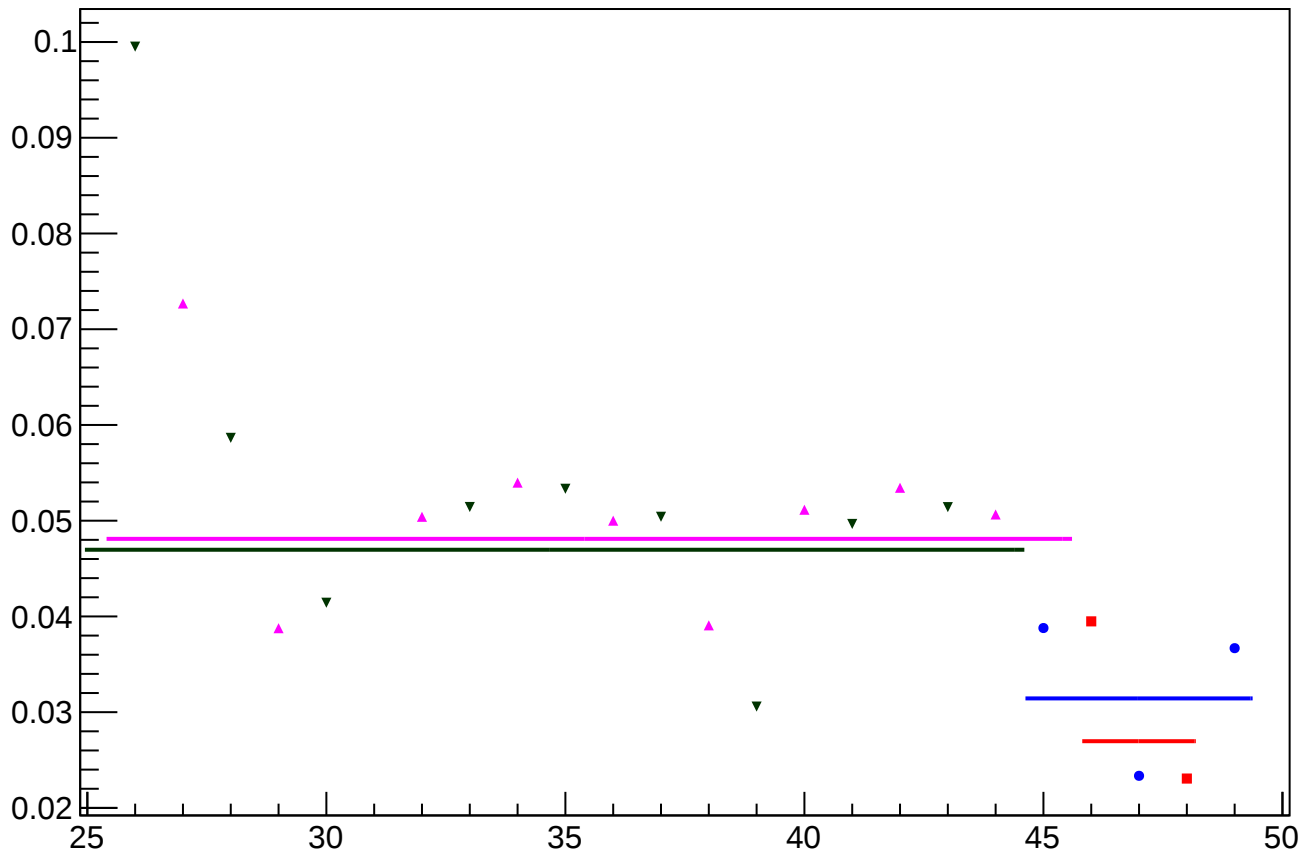
Right Out: 7.839+/-0.000 χ^2/NDF : 60141.5/1

Left In: 12.055+/-0.000 χ^2/NDF :5109226136.0/8

9.926+/-0.000 χ^2/NDF : 14640202211.6/11

10.727+/-0.000 χ^2/NDF : 17420405945.0/10

yield_sam8_rms vs slug



Right In: 0.031+/-0.000 χ^2/NDF : 169685.6/2

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

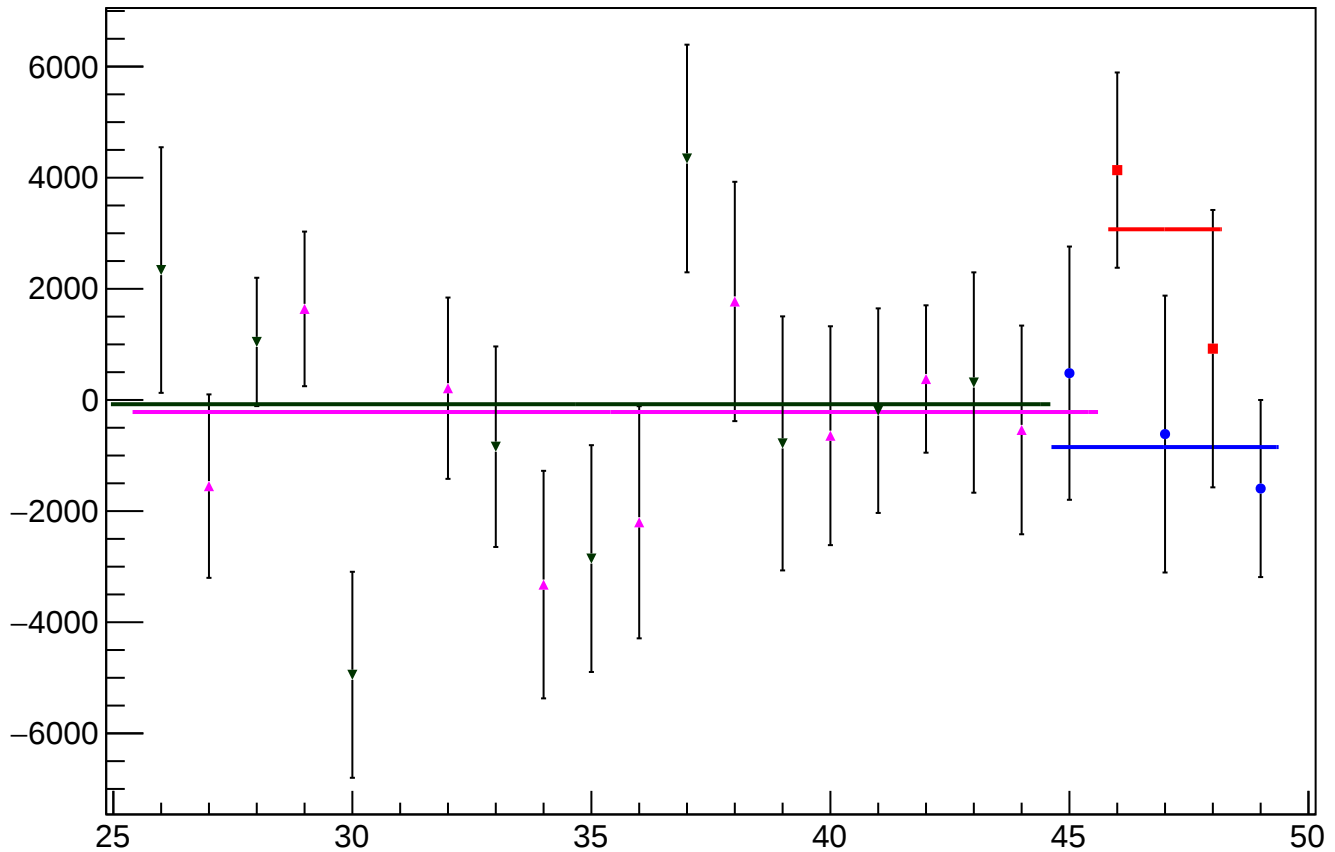
Right Out: 0.027+/-0.000 χ^2/NDF : 98790.0/1

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.040+/-0.000 χ^2/NDF : 1221613.3/11

0.041+/-0.000 χ^2/NDF : 1066500.3/10

cor_sam1_mean vs slug



Right In: -847.754+/-1156.657 χ^2/NDF : 0.6/2

Left Out: -76.487+/-600.613 χ^2/NDF : 15.9/8

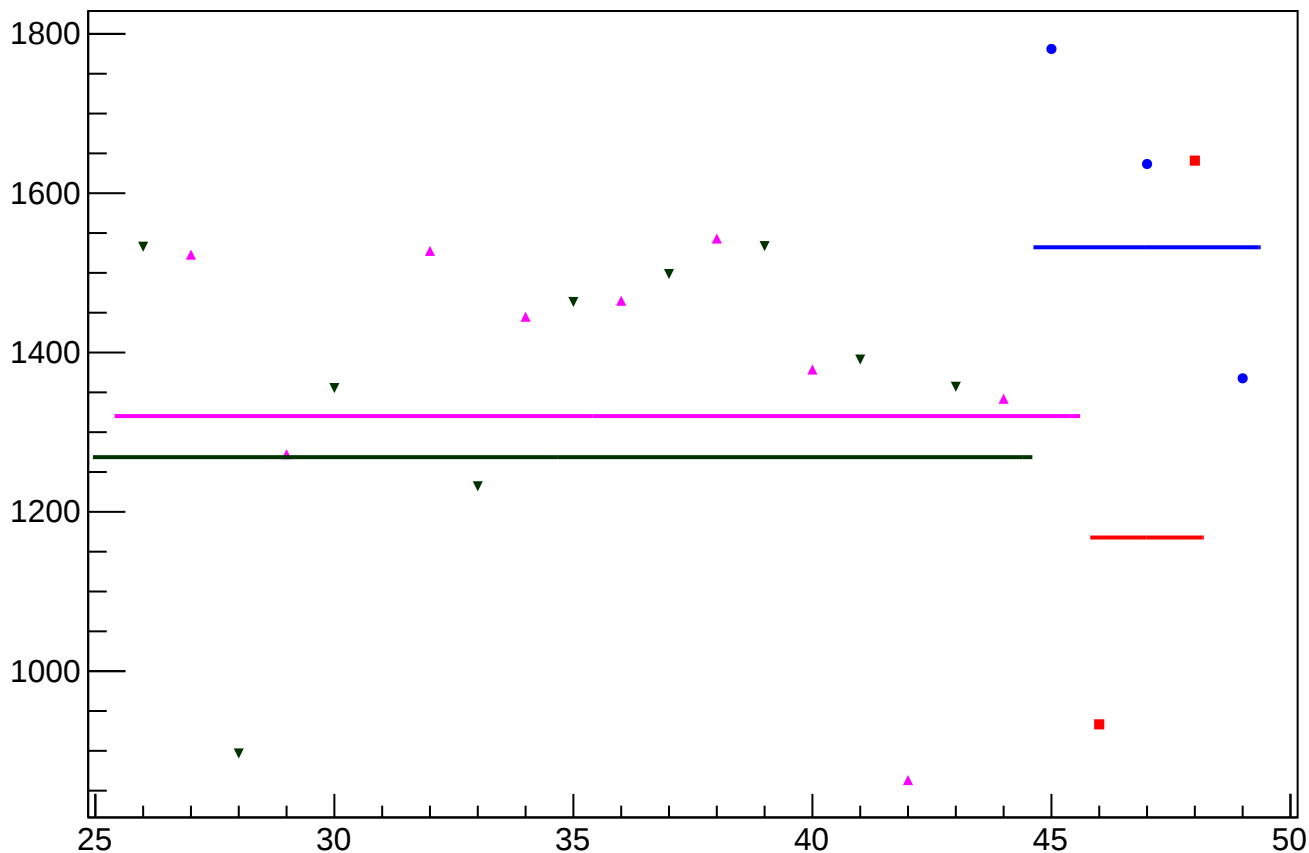
-240.284+/-533.034 χ^2/NDF : 16.8/11

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

233.511+/-531.714 χ^2/NDF : 12.5/10

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

cor_sam1_rms vs slug



Right In: 1532.138 ± 0.818 χ^2/NDF : 48708.6/2

Left Out: 1268.658 ± 0.425 χ^2/NDF : 324399.1/8

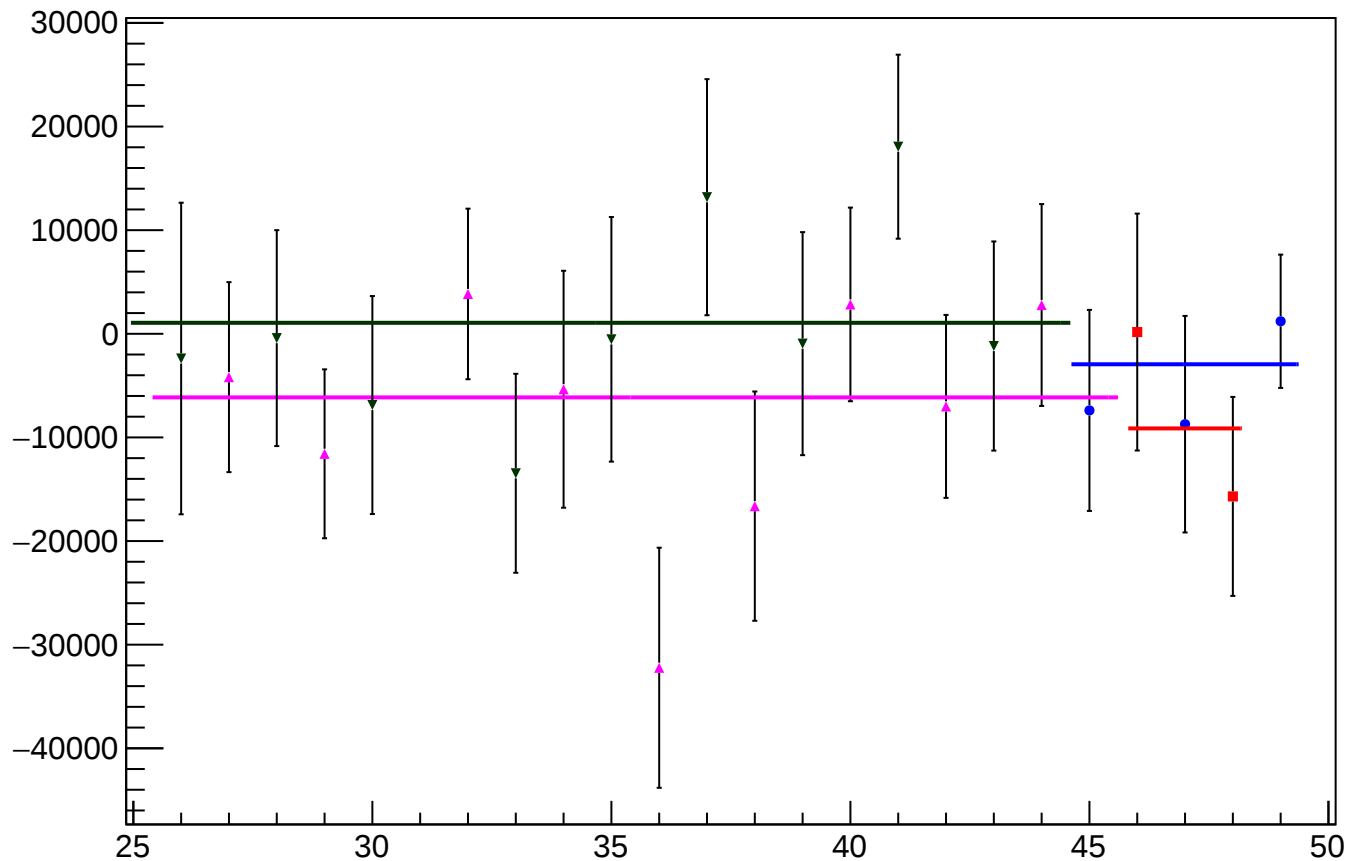
Right Out: 1167.786 ± 1.016 χ^2/NDF : 107503.2/1

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

1324.614 ± 0.377 χ^2/NDF : 454848.1/11

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

cor_sam2_mean vs slug



Right In: -2940.705 ± 4769.401 χ^2/NDF : 0.9/2

Left Out: 1060.376 ± 3545.636 χ^2/NDF : 7.8/8

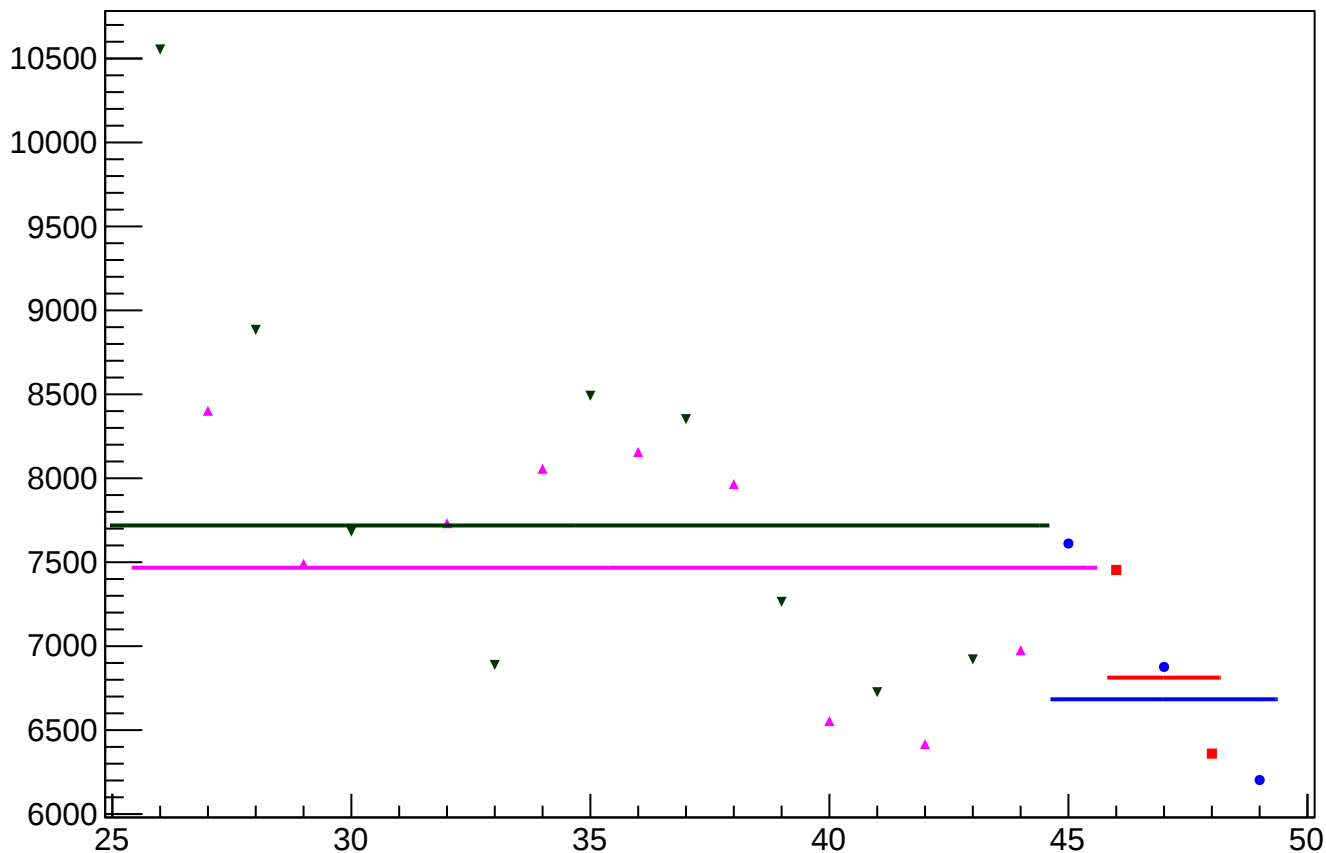
Right Out: -9131.660 ± 7352.315 χ^2/NDF : 1.1/1

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

-363.790 ± 2845.480 χ^2/NDF : 9.2/11

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

cor_sam2_rms vs slug



Right In: 6683.613+/-3.372 χ^2/NDF : 30160.3/2

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

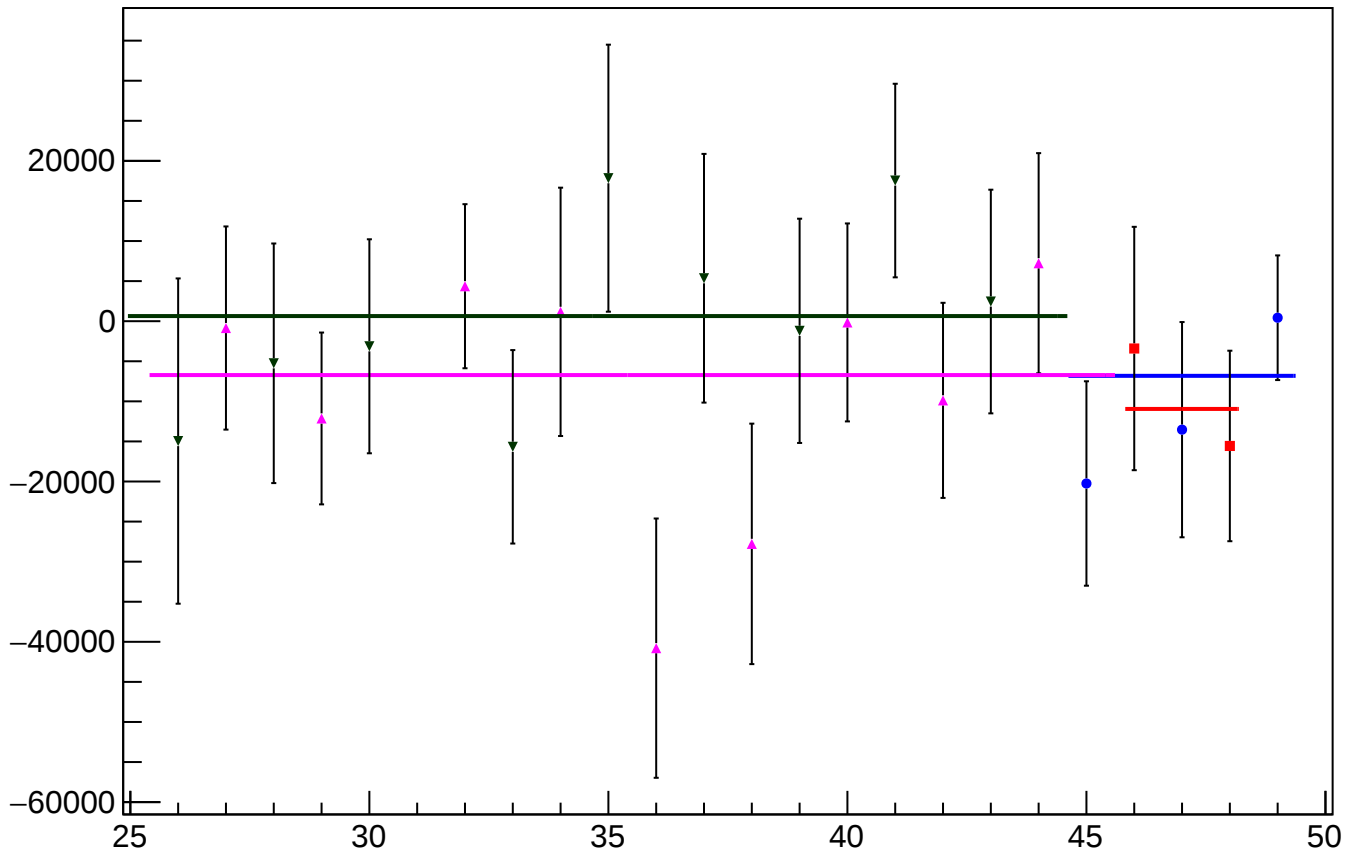
Right Out: 6812.602+/-5.199 χ^2/NDF : 10742.0/1

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

7350.401+/-2.012 χ^2/NDF : 257840.7/11

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

cor_sam3_mean vs slug



Right In: -6816.437+/-5951.364 χ^2/NDF : 2.2/2

Left Out: 639.789+/-4753.910 χ^2/NDF : 5.8/8

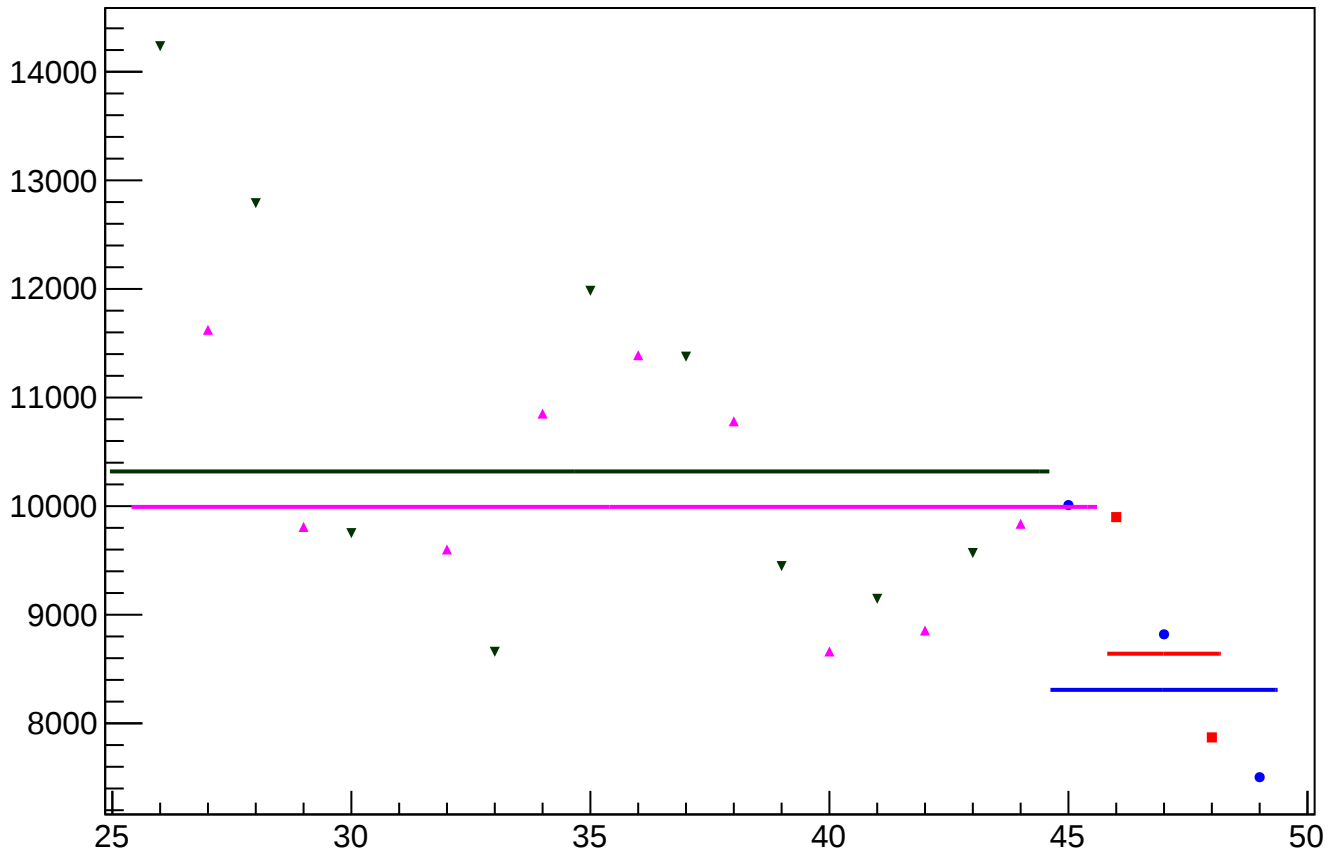
Right Out: -10946.635+/-9357.462 χ^2/NDF : 0.4/1

Left In: -6721.702+/-4244.047 χ^2/NDF : 9.7/8

-2264.603+/-3714.365 χ^2/NDF : 9.0/11

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

cor_sam3_rms vs slug



Right In: 8308.252+/-4.208 χ^2/NDF : 59898.1/2

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

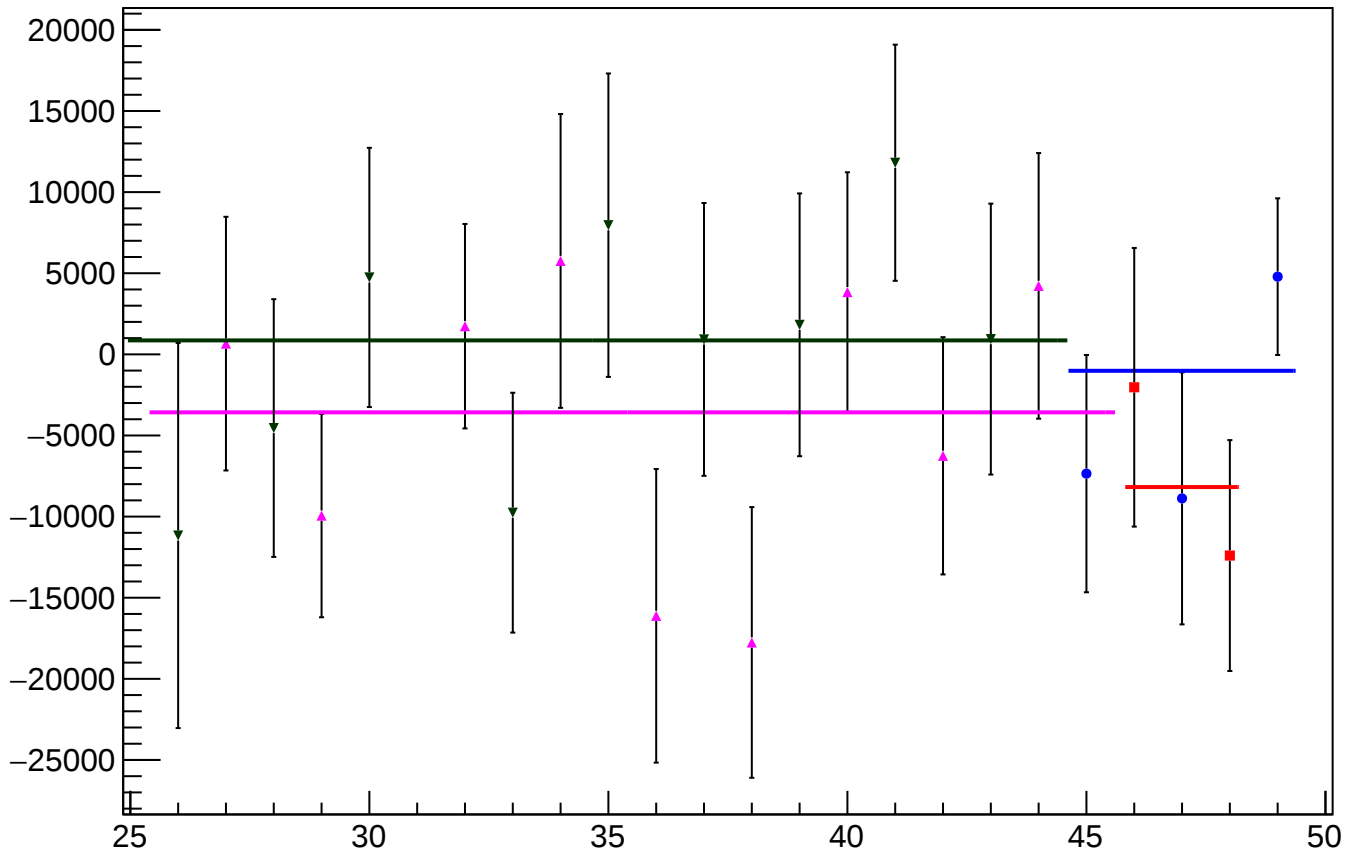
Right Out: 8641.188+/-6.617 χ^2/NDF : 22142.5/1

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

9536.082+/-2.626 χ^2/NDF : 431616.3/11

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

cor_sam4_mean vs slug



Right In: -1013.500+/-3576.632 χ^2/NDF : 3.2/2

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

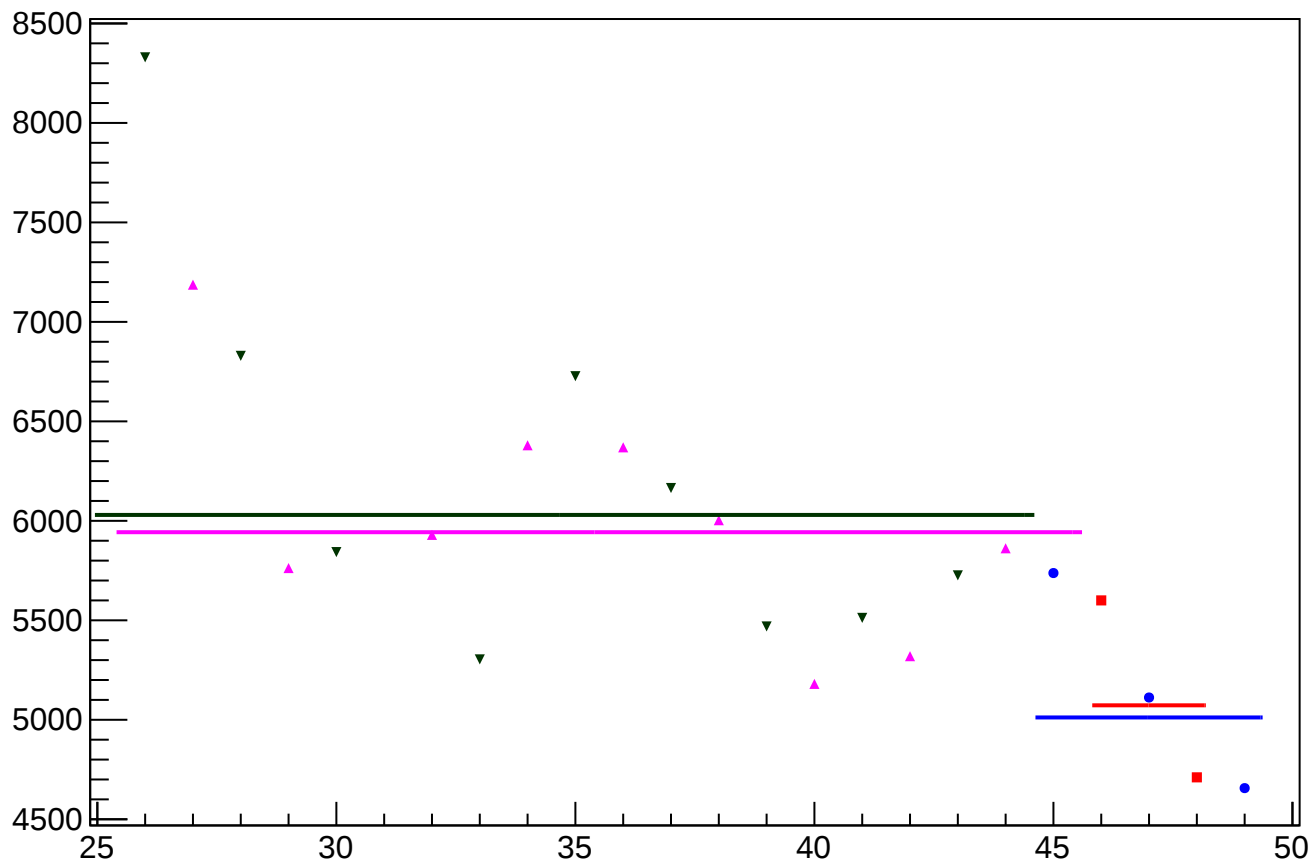
159.919+/-2186.606 χ^2/NDF : 10.0/11

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

cor_sam4_rms vs slug



Right In: 5011.765+/-2.529 χ^2/NDF : 30859.6/2

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

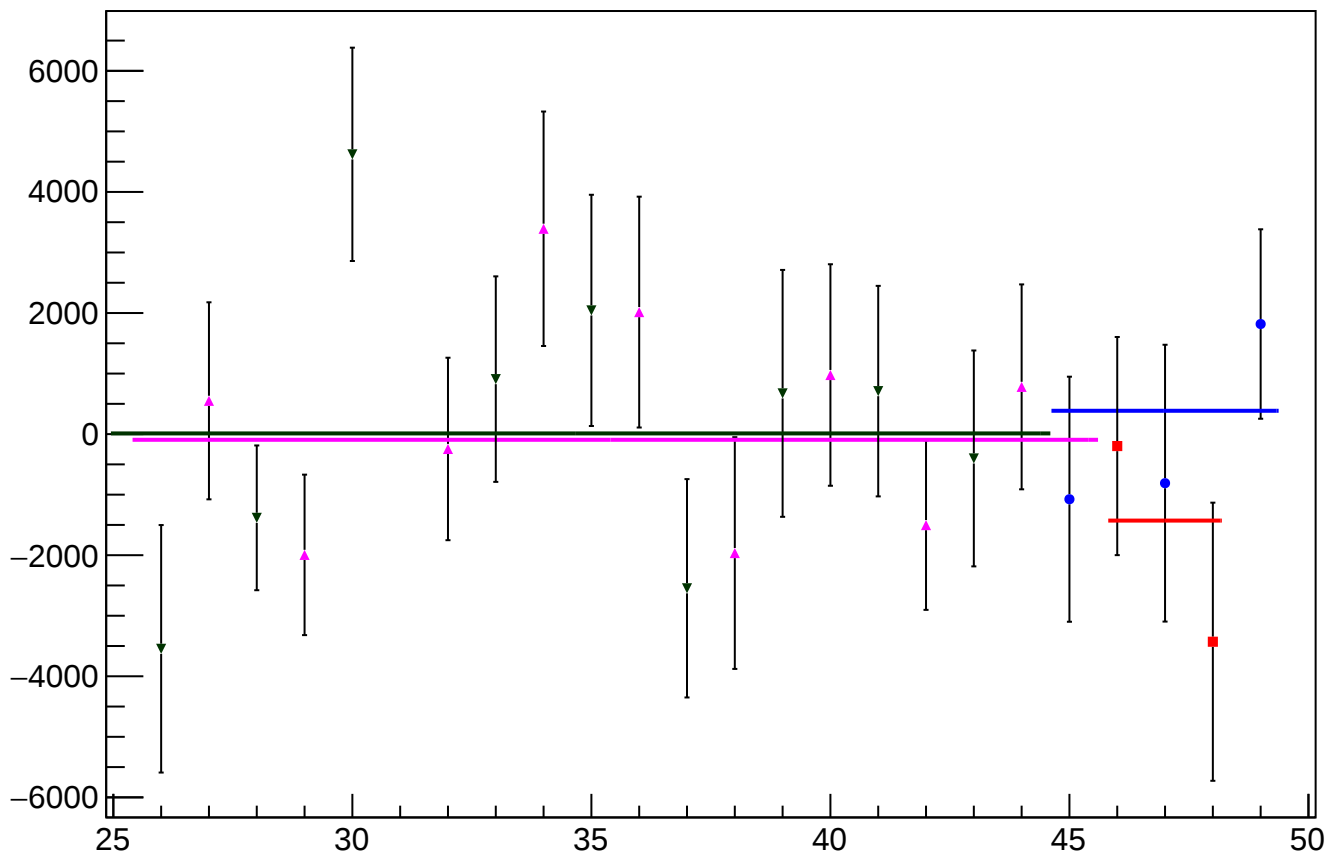
Right Out: 5072.766+/-3.874 χ^2/NDF : 12719.7/1

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5649.239+/-1.546 χ^2/NDF : 282051.5/11

5791.180+/-1.618 χ^2/NDF : 151921.4/10

cor_sam5_mean vs slug



Right In: 385.332 $\pm$ 1088.554 χ^2 /NDF: 1.6/2

Left Out: 11.403 $\pm$ 570.182 χ^2 /NDF: 15.0/8

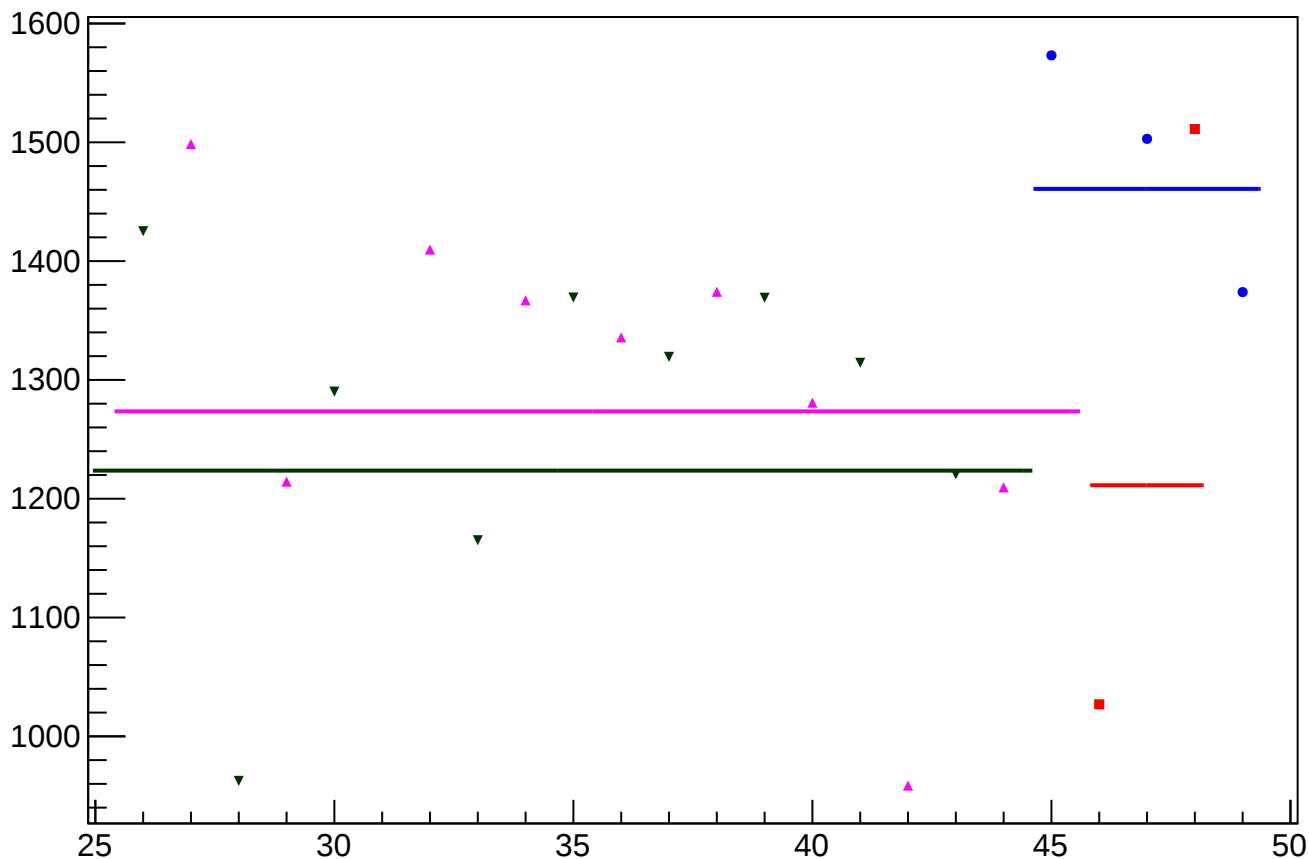
Right Out: -1428.383 $\pm$ 1417.602 χ^2 /NDF: 1.2/1

Left In: -93.953 $\pm$ 545.533 χ^2 /NDF: 9.3/8

91.908 $\pm$ 505.088 χ^2 /NDF: 16.7/11

-266.081 $\pm$ 509.135 χ^2 /NDF: 11.3/10

cor_sam5_rms vs slug



Right In: 1460.798 $\pm$ 0.770 χ^2 /NDF: 13010.2/2

Left Out: 1223.657 $\pm$ 0.403 χ^2 /NDF:153036.7/8

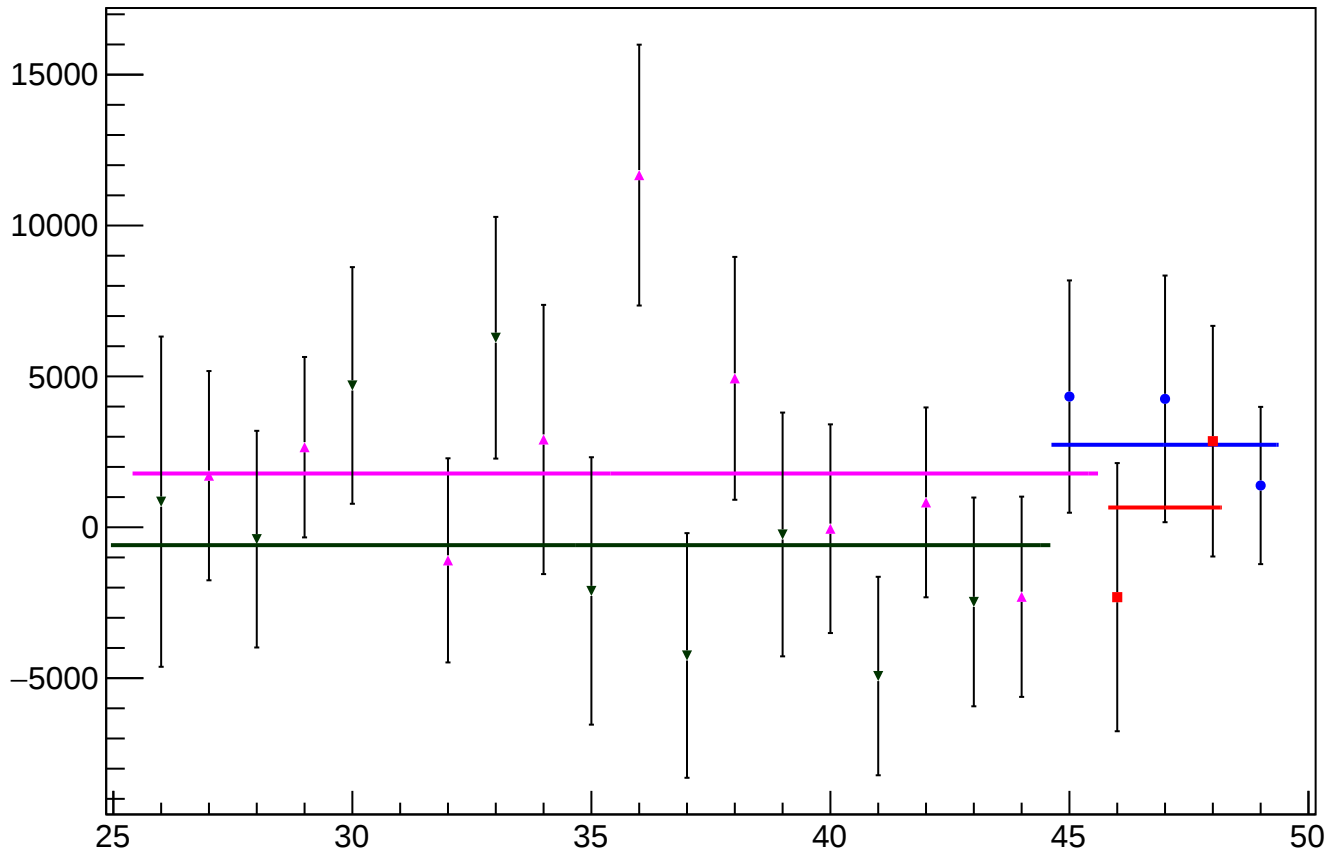
Right Out: 1211.359 $\pm$ 1.002 χ^2 /NDF: 55024.2/1

Left In: 1273.541 $\pm$ 0.386 χ^2 /NDF:174992.2/8

1274.713 $\pm$ 0.357 χ^2 /NDF: 240528.5/11

1265.520 $\pm$ 0.360 χ^2 /NDF: 233368.2/10

cor_sam6_mean vs slug



Right In: 2734.094+/-1908.139 χ^2/NDF : 0.6/2

Left Out: -592.543+/-1304.748 χ^2/NDF : 7.8/8

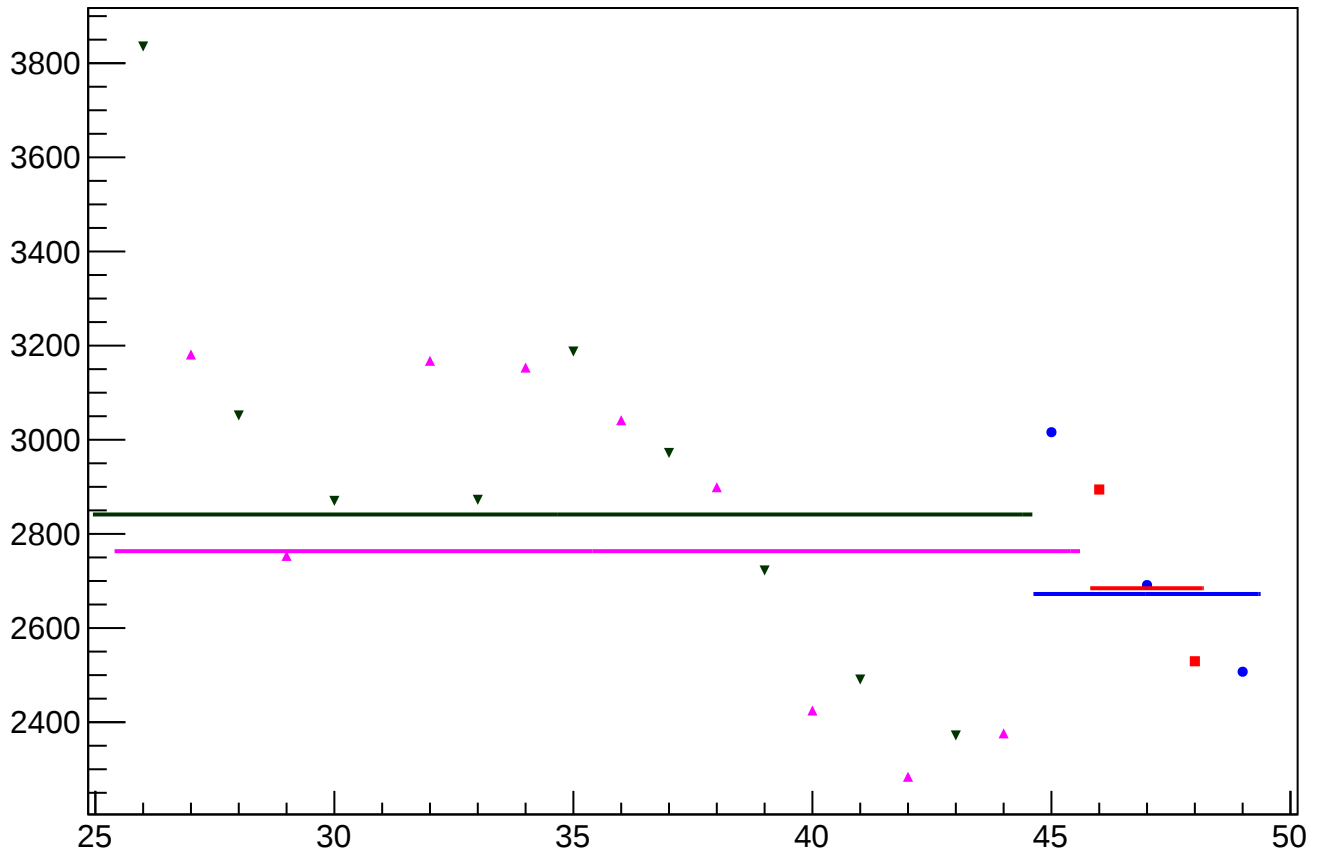
Right Out: 655.134+/-2897.503 χ^2/NDF : 0.8/1

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

467.306+/-1077.034 χ^2/NDF : 10.5/11

1622.713+/-1089.440 χ^2/NDF : 9.5/10

cor_sam6_rms vs slug



Right In: 2672.383+/-1.349 χ^2/NDF : 24023.2/2

Left Out: 2841.264+/-0.923 χ^2/NDF : 148700.6/8

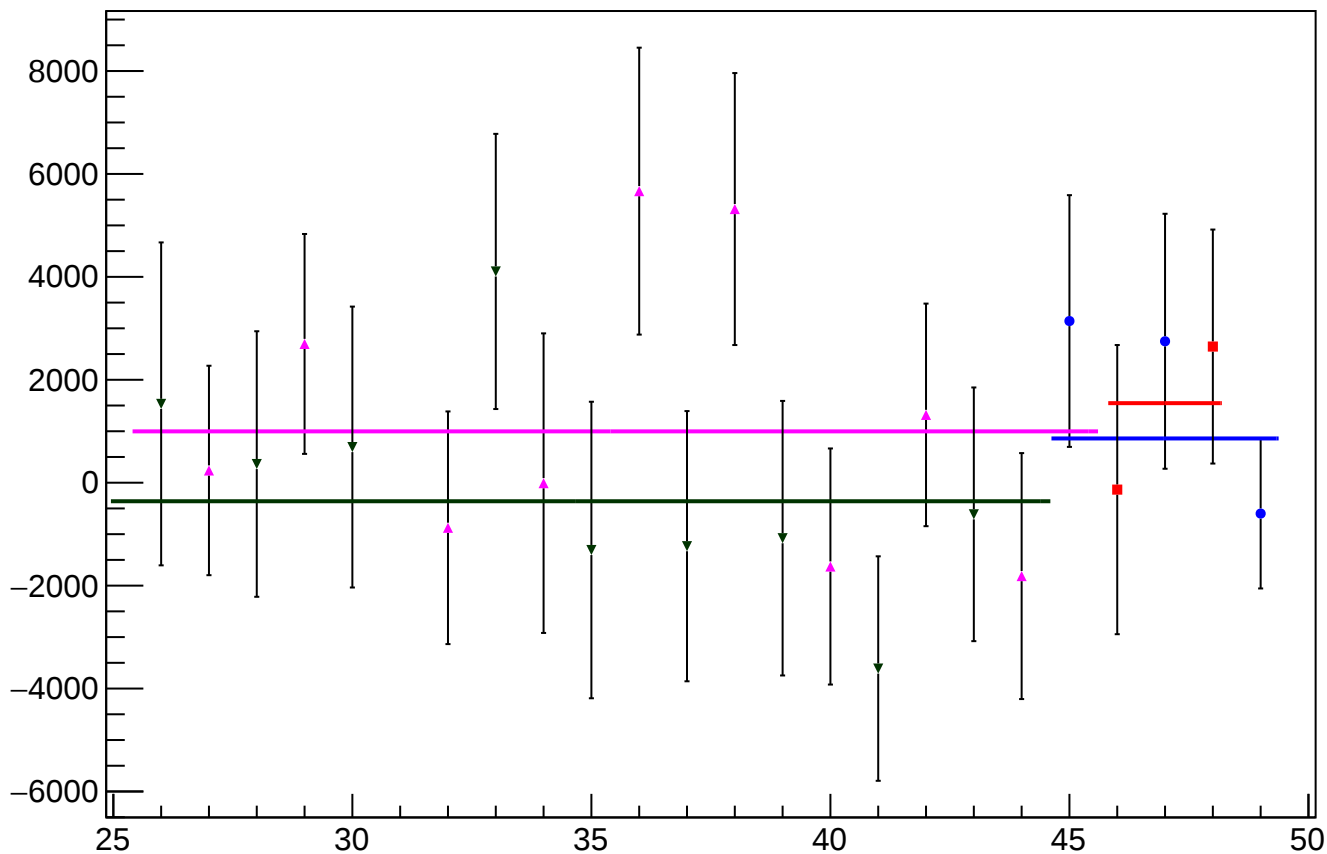
2787.460+/-0.762 χ^2/NDF : 183399.1/11

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: 859.925 $\pm$ 1116.490 χ^2 /NDF: 2.5/2

Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

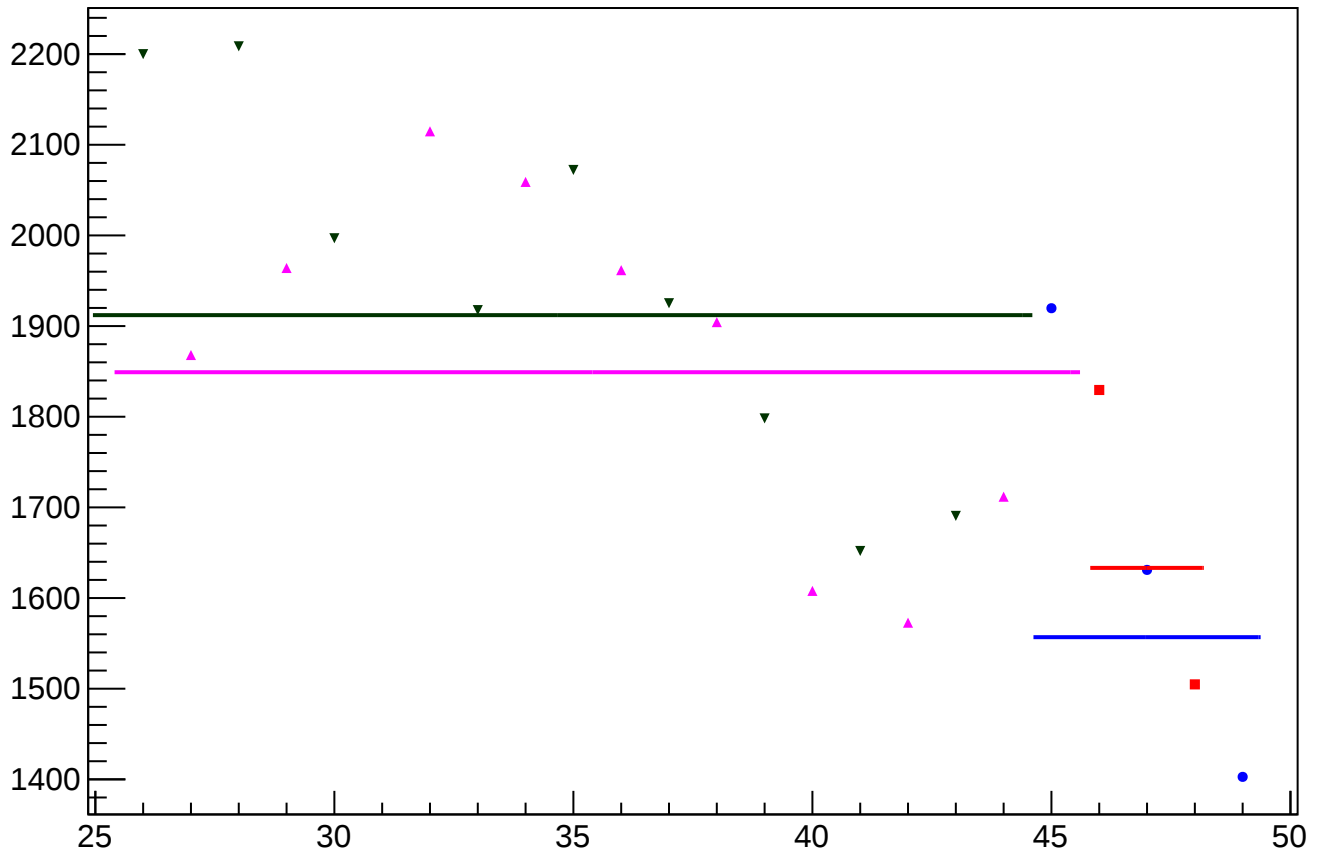
Right Out: 1545.763 $\pm$ 1767.401 χ^2 /NDF: 0.6/1

Left In: 997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

103.861 $\pm$ 688.585 χ^2 /NDF: 9.1/11

1087.702 $\pm$ 716.992 χ^2 /NDF: 10.4/10

cor_sam7_rms vs slug



Right In: 1556.836 $\pm$ 0.789 χ^2 /NDF: 68234.3/2

Left Out: 1912.062 $\pm$ 0.619 χ^2 /NDF: 99663.2/8

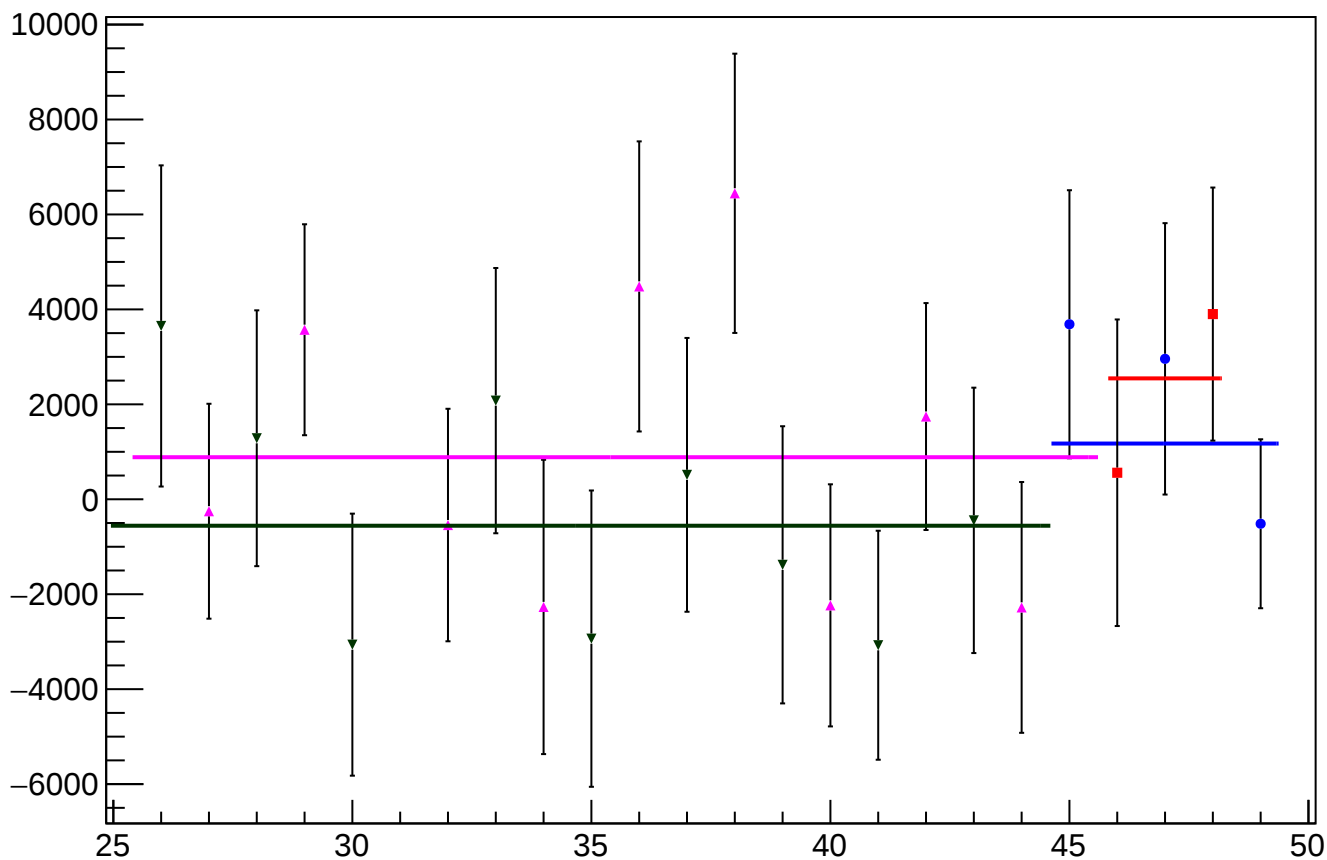
Right Out: 1633.257 $\pm$ 1.250 χ^2 /NDF: 16144.7/1

Left In: 1849.099 $\pm$ 0.555 χ^2 /NDF: 109500.6/8

1776.945 $\pm$ 0.487 χ^2 /NDF: 293345.5/11

1813.577 $\pm$ 0.507 χ^2 /NDF: 150564.9/10

cor_sam8_mean vs slug



Right In: 1174.078 $\pm$ 1331.982 χ^2 /NDF: 2.1/2

Left Out: -557.273 $\pm$ 942.969 χ^2 /NDF: 5.6/8

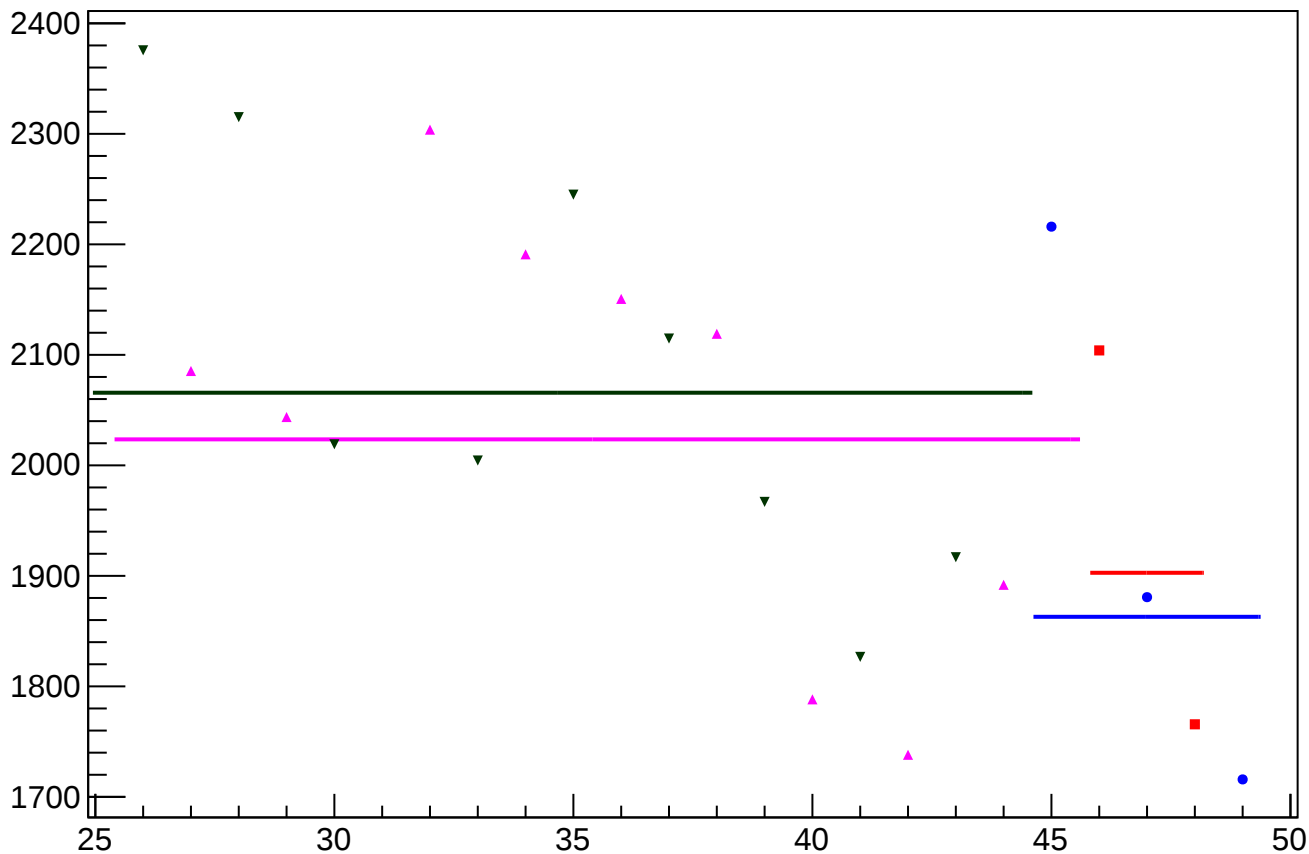
Right Out: 2546.746 $\pm$ 2055.598 χ^2 /NDF: 0.6/1

Left In: 886.158 $\pm$ 856.437 χ^2 /NDF: 11.1/8

20.755 $\pm$ 769.627 χ^2 /NDF: 8.8/11

1131.777 $\pm$ 790.566 χ^2 /NDF: 12.3/10

cor_sam8_rms vs slug



Right In: 1862.951 $\pm$ 0.942 χ^2 /NDF: 45030.6/2

Left Out: 2065.730 $\pm$ 0.667 χ^2 /NDF: 70231.7/8

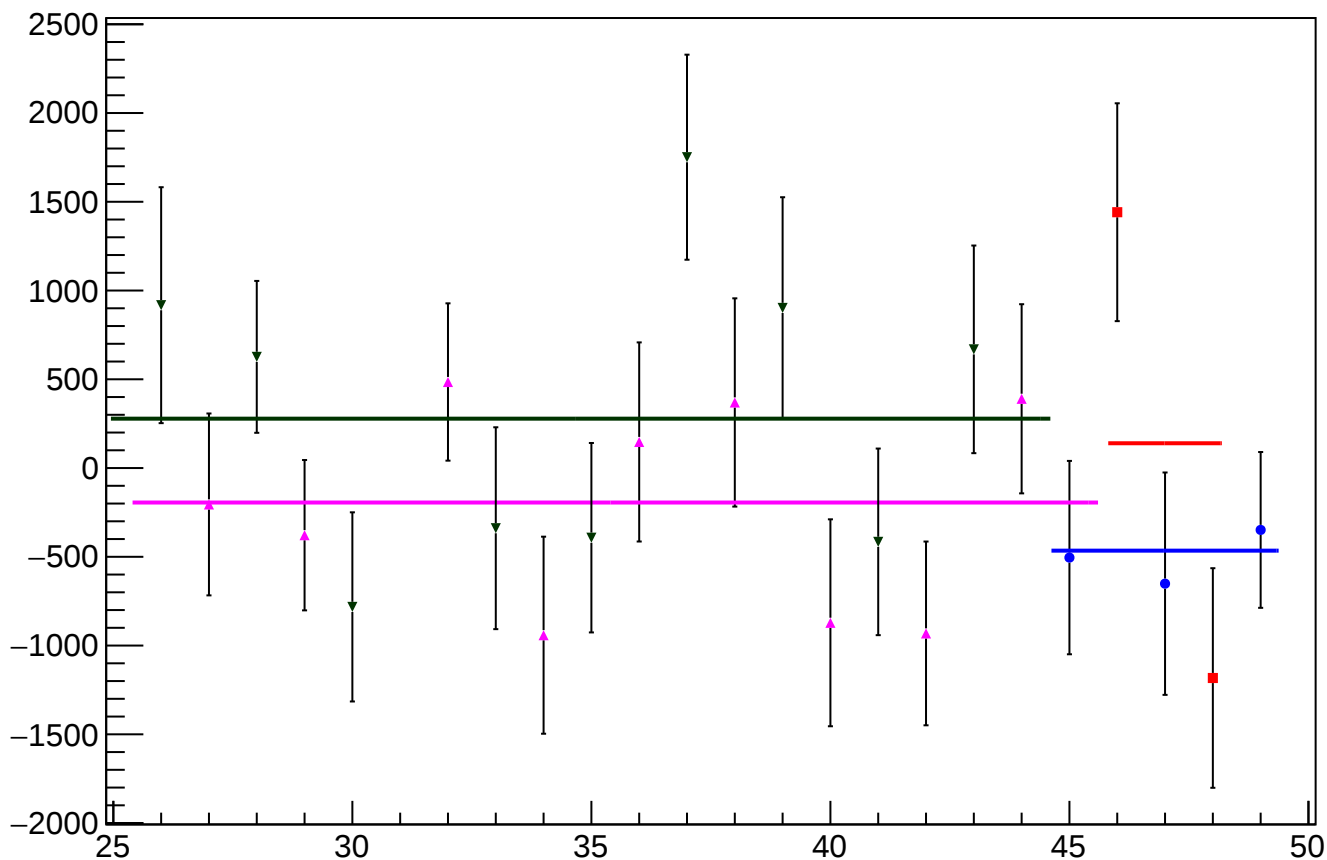
Right Out: 1902.788 $\pm$ 1.454 χ^2 /NDF: 13060.5/1

Left In: 2023.519 $\pm$ 0.606 χ^2 /NDF: 89775.7/8

1998.031 $\pm$ 0.544 χ^2 /NDF: 146140.0/11

2005.661 $\pm$ 0.559 χ^2 /NDF: 108714.8/10

reg_asym_sam1_mean vs slug



Right In: -465.343+/-299.989 χ^2/NDF : 0.2/2

Left Out: 278.172+/-182.670 χ^2/NDF : 18.0/8

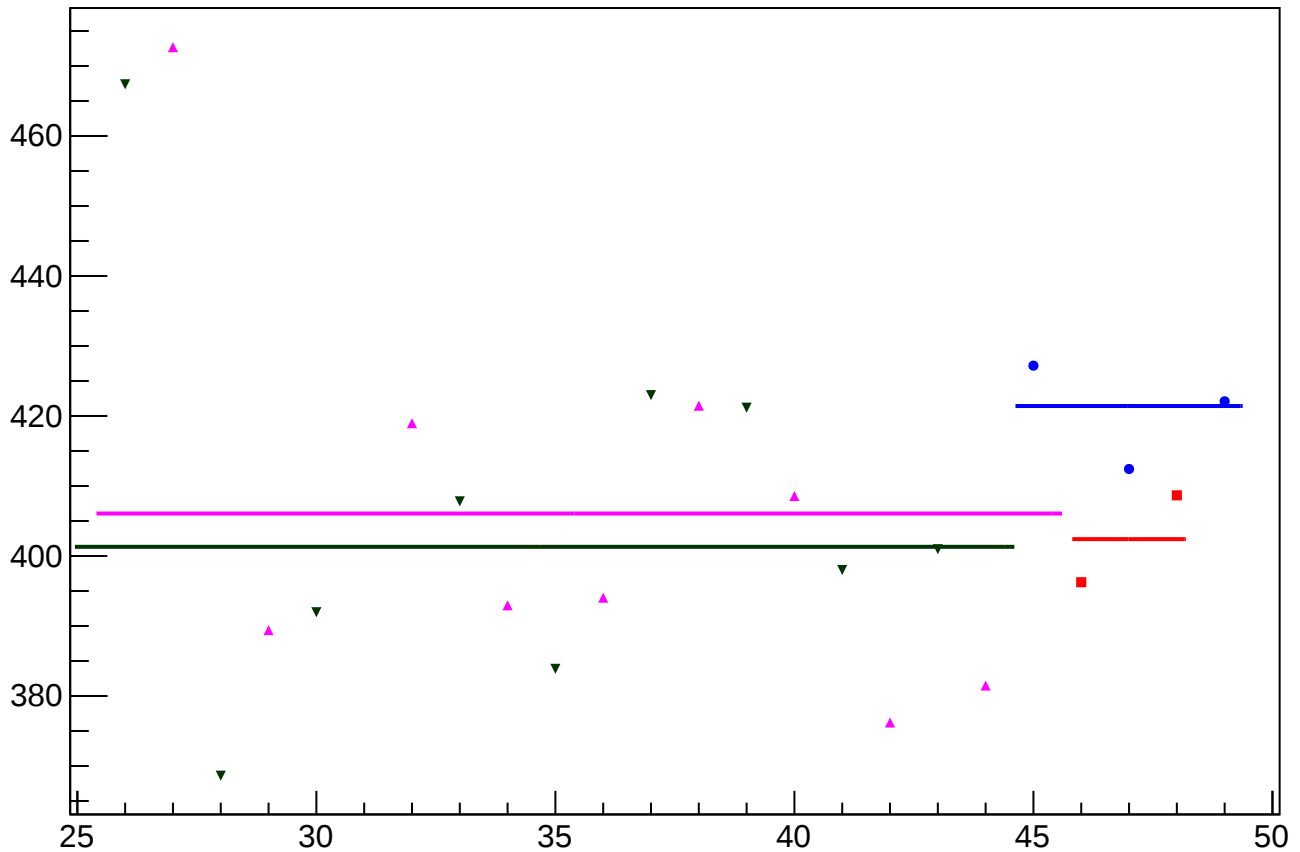
Right Out: 139.643+/-435.626 χ^2/NDF : 9.1/1

Left In: -194.244+/-171.477 χ^2/NDF : 10.2/8

77.058+/-156.020 χ^2/NDF : 22.6/11

-149.450+/-159.560 χ^2/NDF : 19.8/10

reg_asym_sam1_rms vs slug



Right In: 421.424+/-0.212 χ^2/NDF : 641.6/2

Left Out: 401.310+/-0.129 χ^2/NDF : 39388.5/8

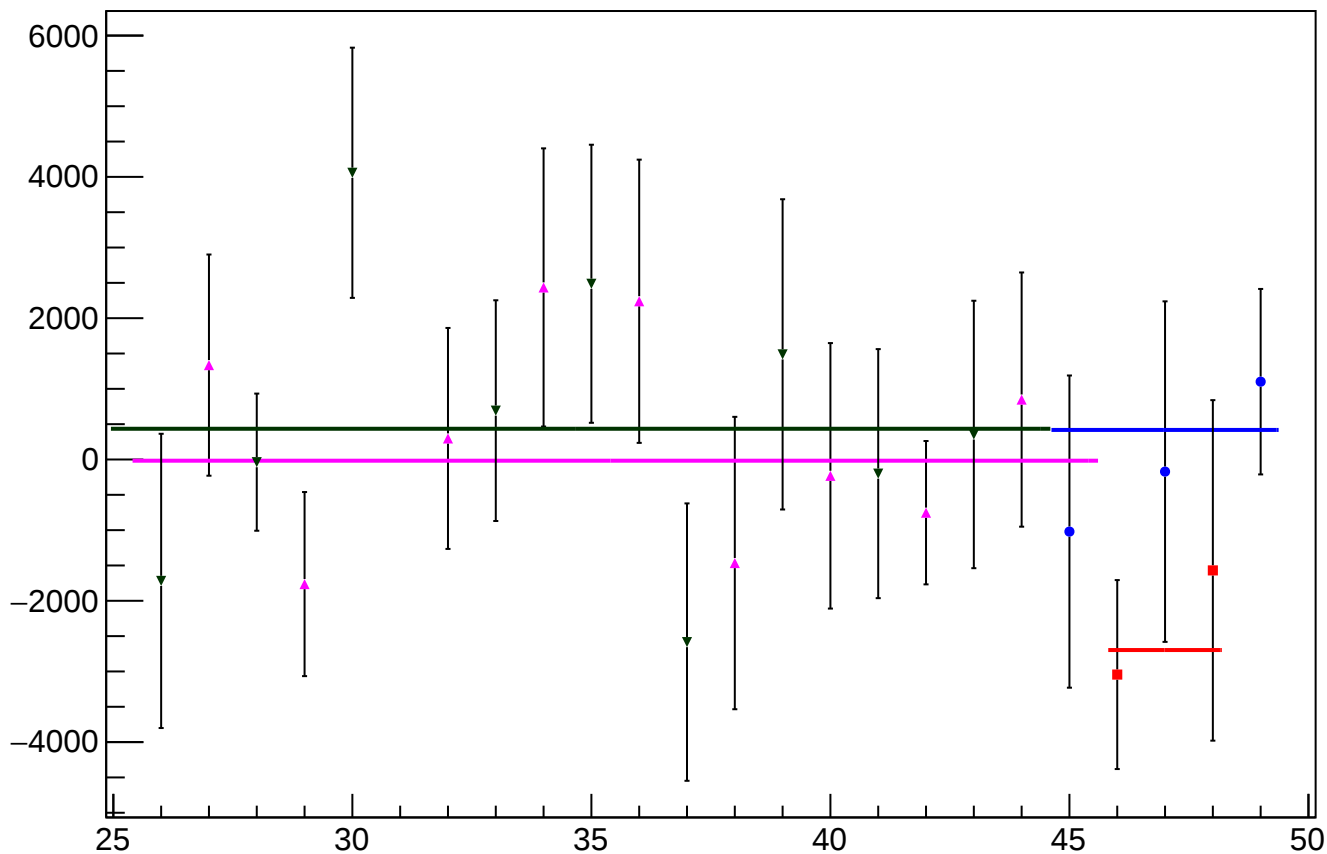
Right Out: 402.410+/-0.308 χ^2/NDF : 406.0/1

Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

406.751+/-0.110 χ^2/NDF : 46589.6/11

405.575+/-0.113 χ^2/NDF : 53481.2/10

asym_sam1_correction_mean vs slug



Right In: 418.339+/-1022.008 χ^2/NDF : 0.8/2

Left Out: 434.930+/-546.579 χ^2/NDF : 9.3/8

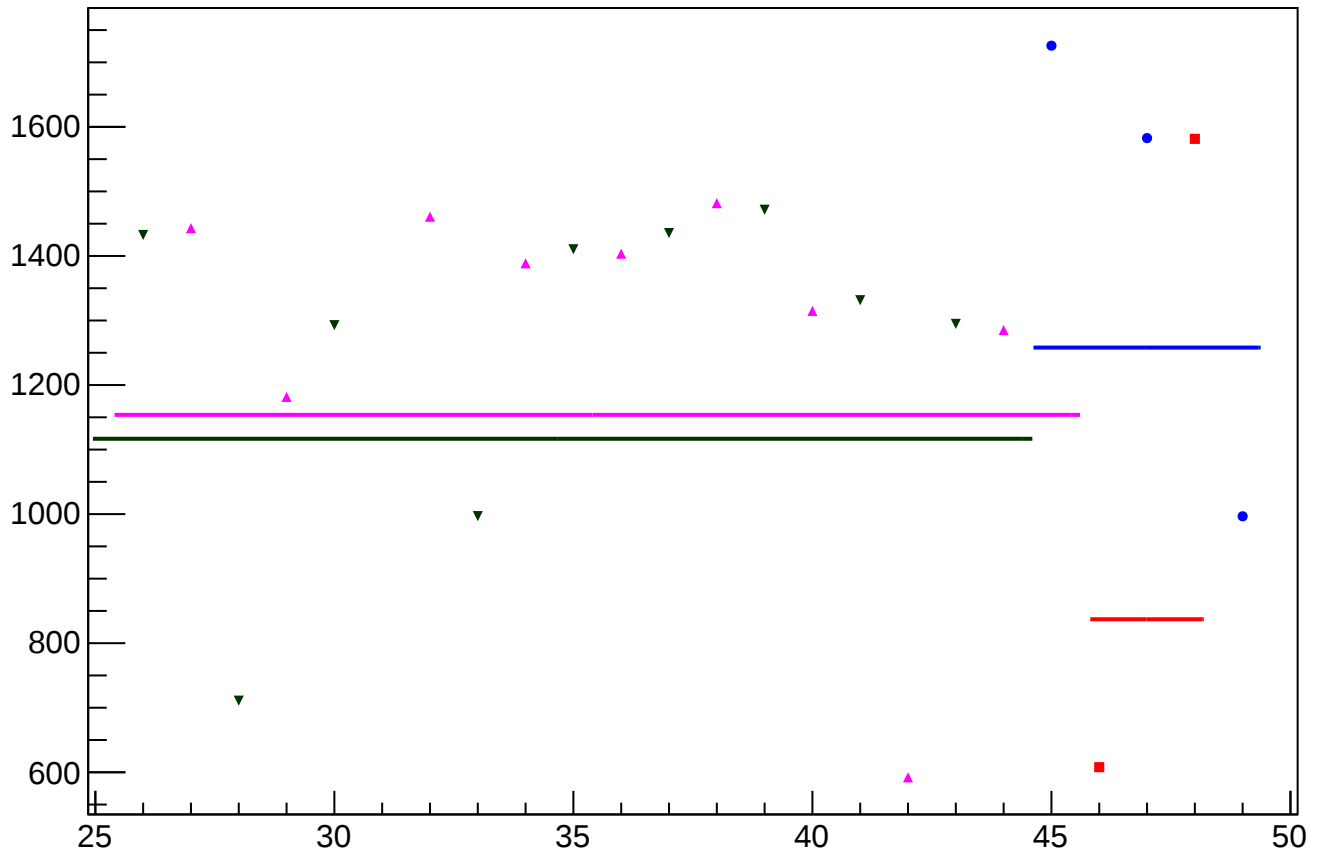
Right Out: -2696.967+/-1169.306 χ^2/NDF : 0.3/1

Left In: -17.108+/-519.136 χ^2/NDF : 6.7/8

431.240+/-481.980 χ^2/NDF : 10.1/11

-458.357+/-474.476 χ^2/NDF : 11.3/10

asym_sam1_correction_rms vs slug



Right In: 1258.061 ± 0.723 χ^2/NDF : 205248.6/2

Left Out: 1116.751 ± 0.386 χ^2/NDF : 624096.5/8

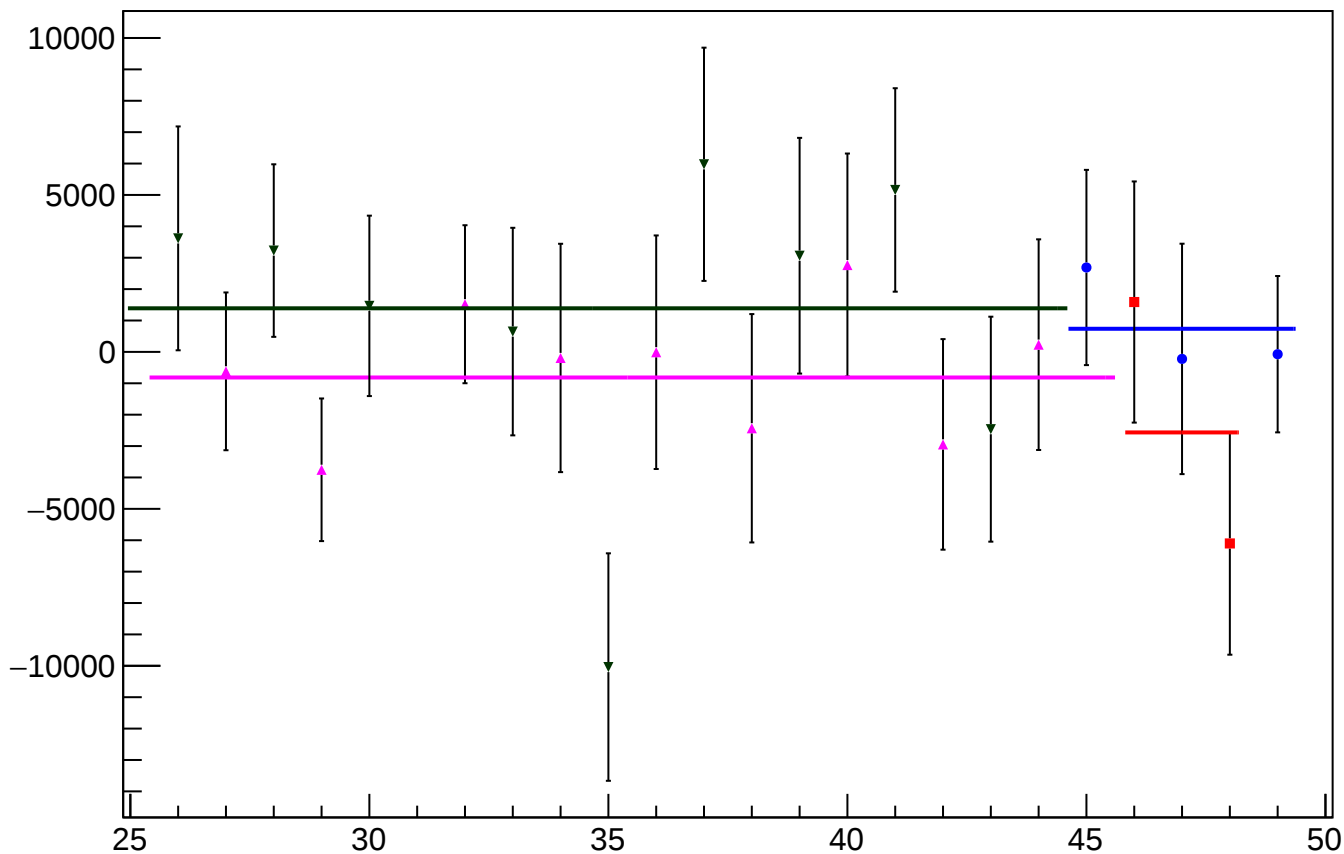
Right Out: 837.102 ± 0.827 χ^2/NDF : 249566.5/1

Left In: 1153.785 ± 0.367 χ^2/NDF : 894420.7/8

1148.179 ± 0.341 χ^2/NDF : 859076.8/11

1101.642 ± 0.336 χ^2/NDF : 1266530.4/10

reg_asym_sam2_mean vs slug



Right In: 736.691+/-1717.778 χ^2/NDF : 0.6/2

Left Out: 1388.791+/-1106.824 χ^2/NDF : 15.1/8

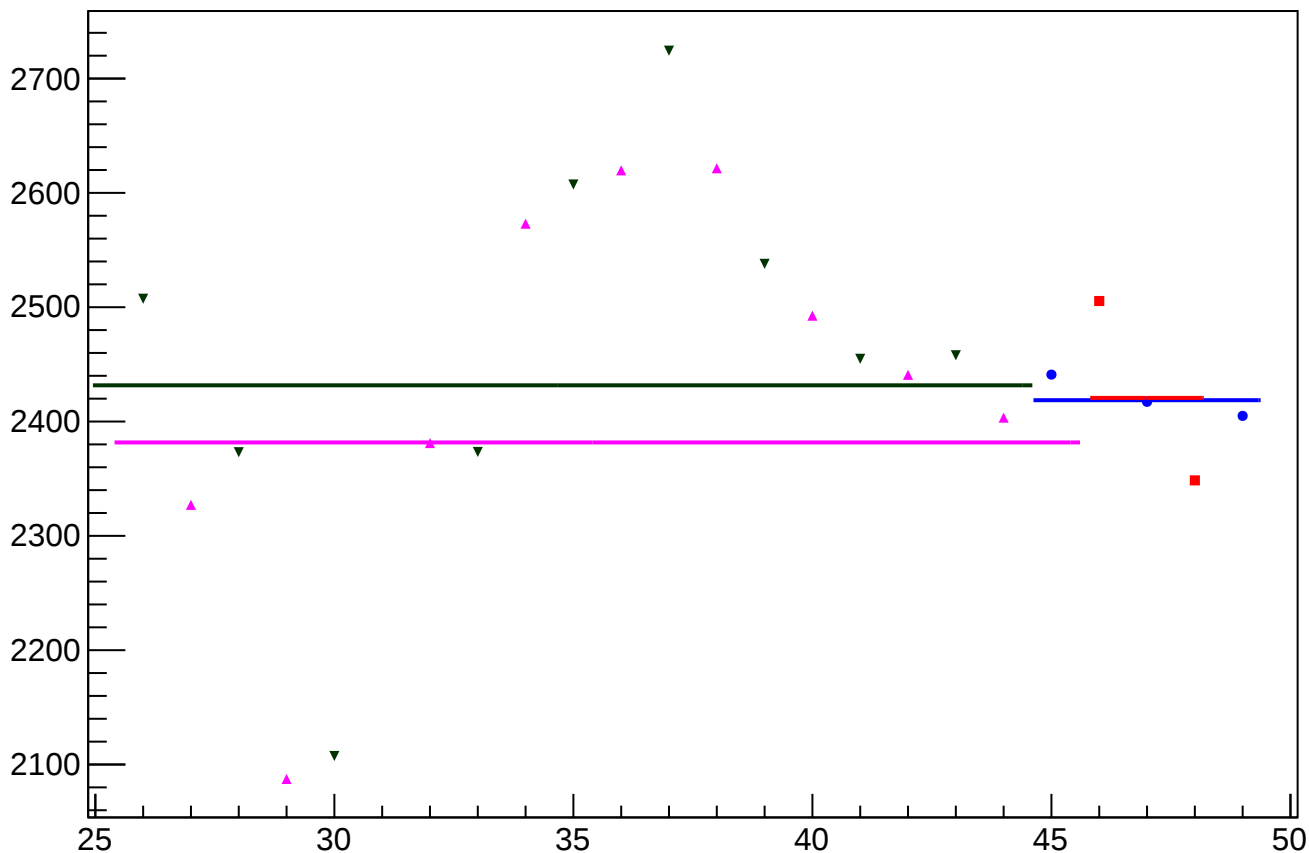
Right Out: -2565.457+/-2604.850 χ^2/NDF : 2.2/1

Left In: -815.233+/-1004.854 χ^2/NDF : 4.3/8

1197.484+/-930.411 χ^2/NDF : 15.7/11

-1041.951+/-937.515 χ^2/NDF : 6.9/10

reg_asym_sam2_rms vs slug



Right In: 2418.658+/-1.215 χ^2/NDF : 164.7/2

Left Out: 2431.683+/-0.783 χ^2/NDF : 46819.5/8

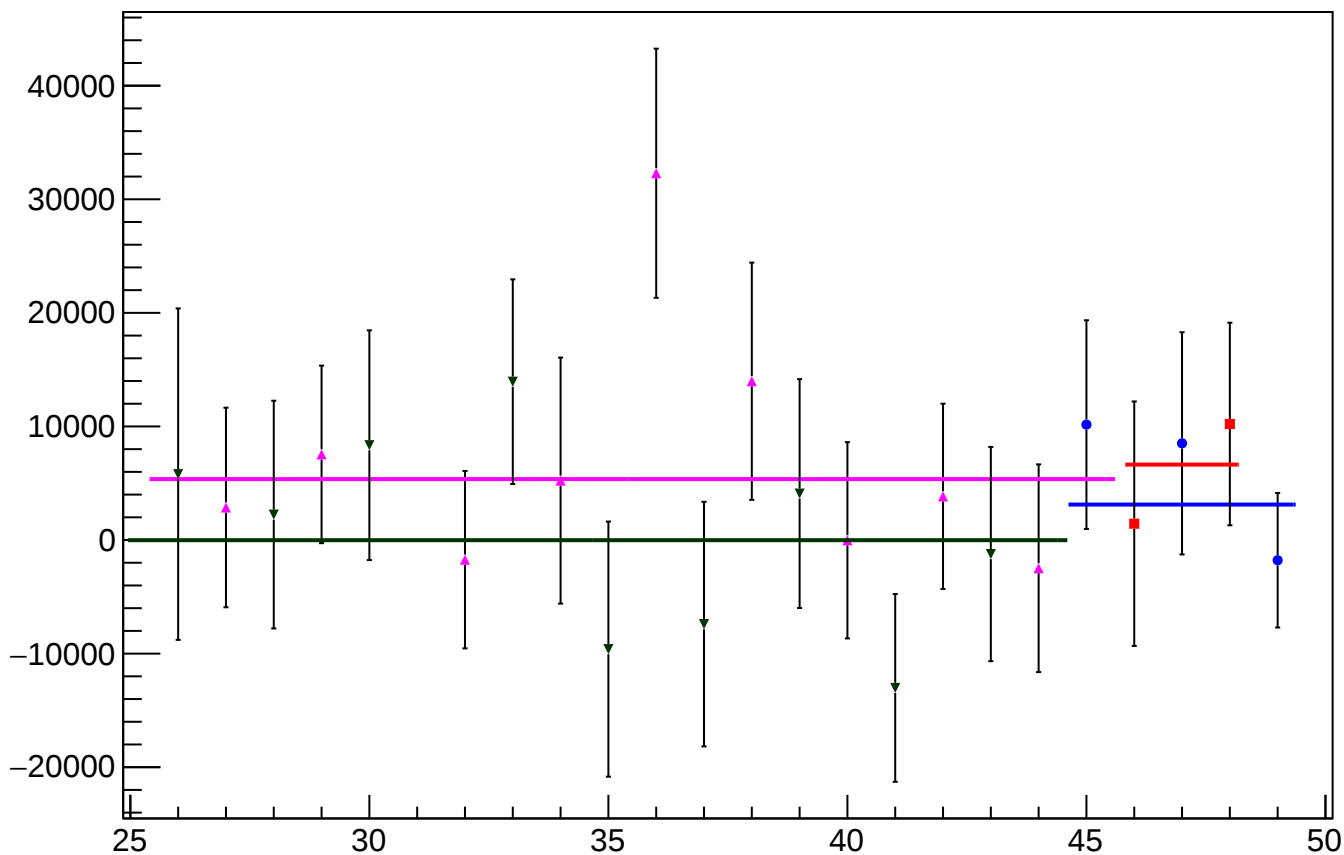
Right Out: 2420.670+/-1.842 χ^2/NDF : 1802.0/1

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

2427.862+/-0.658 χ^2/NDF : 47065.4/11

2386.756+/-0.663 χ^2/NDF : 61780.3/10

asym_sam2_correction_mean vs slug



Right In: 3123.439 $\pm$ 4436.441 χ^2/NDF : 1.6/2

Left Out: -13.656 $\pm$ 3351.634 χ^2/NDF : 7.1/8

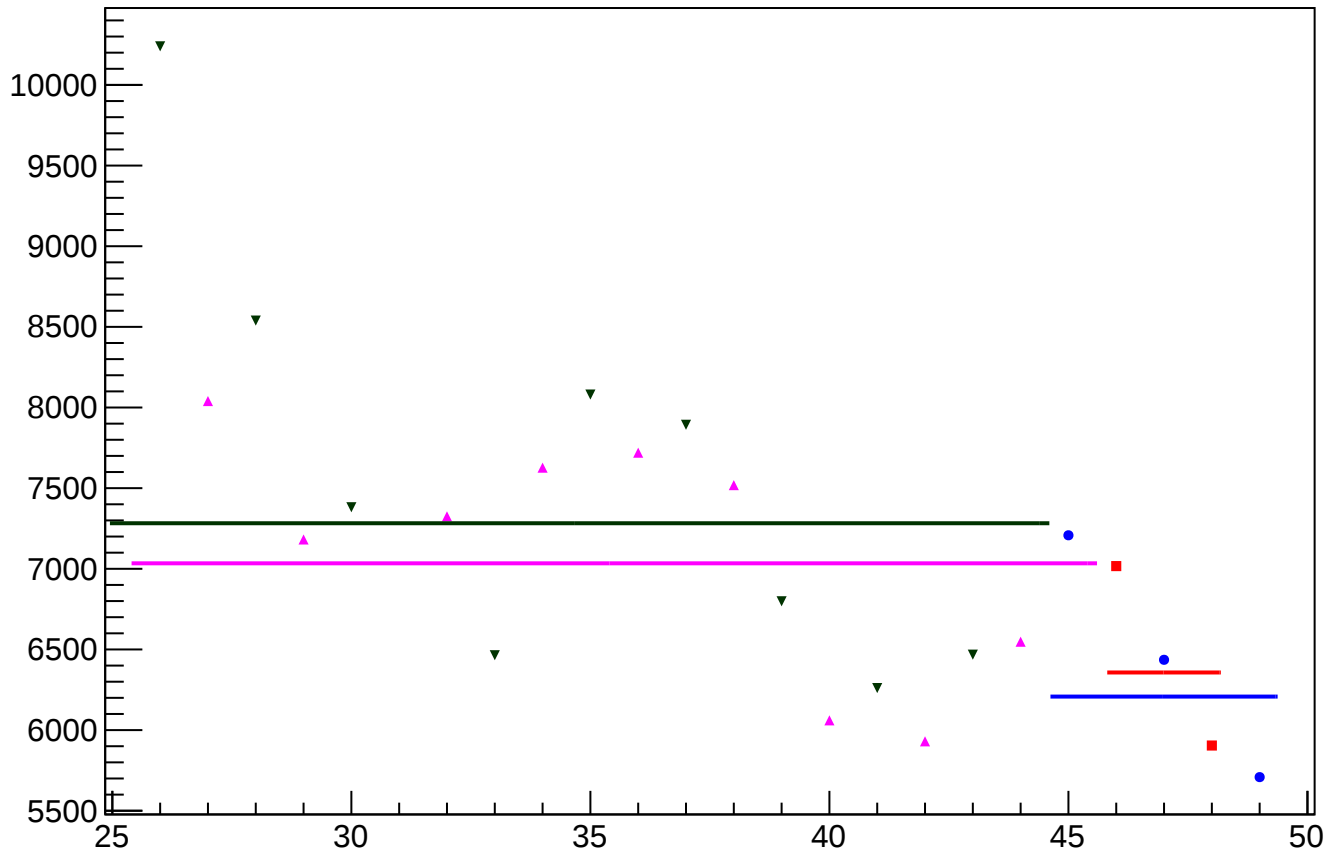
Right Out: 6642.718 $\pm$ 6866.166 χ^2/NDF : 0.4/1

Left In: 5363.340 $\pm$ 2986.715 χ^2/NDF : 8.9/8

1126.240 $\pm$ 2674.259 χ^2/NDF : 9.0/11

5566.902 $\pm$ 2738.819 χ^2/NDF : 9.3/10

asym_sam2_correction_rms vs slug



Right In: 6207.817+/-3.137 χ^2/NDF : 39003.6/2

Left Out: 7282.484+/-2.370 χ^2/NDF :196859.8/8

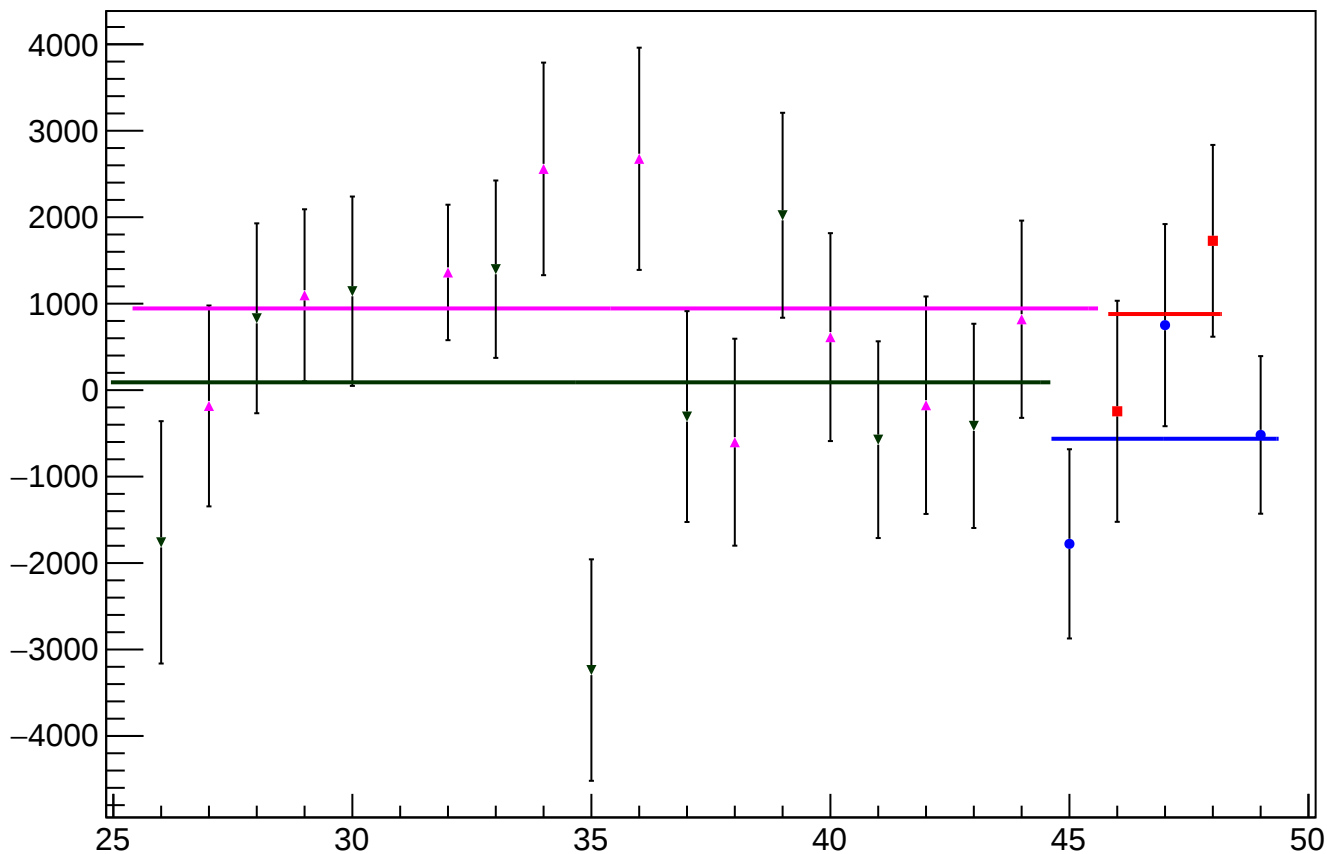
Right Out: 6357.221+/-4.855 χ^2/NDF : 12671.2/1

Left In: 7034.023+/-2.112 χ^2/NDF :115477.2/8

6891.992+/-1.891 χ^2/NDF : 310577.4/11

6926.337+/-1.937 χ^2/NDF : 144488.8/10

reg_asym_sam3_mean vs slug



Right In: -562.424 $\pm$ 600.757 χ^2 /NDF: 2.5/2

Left Out: 90.339 $\pm$ 389.088 χ^2 /NDF: 14.8/8

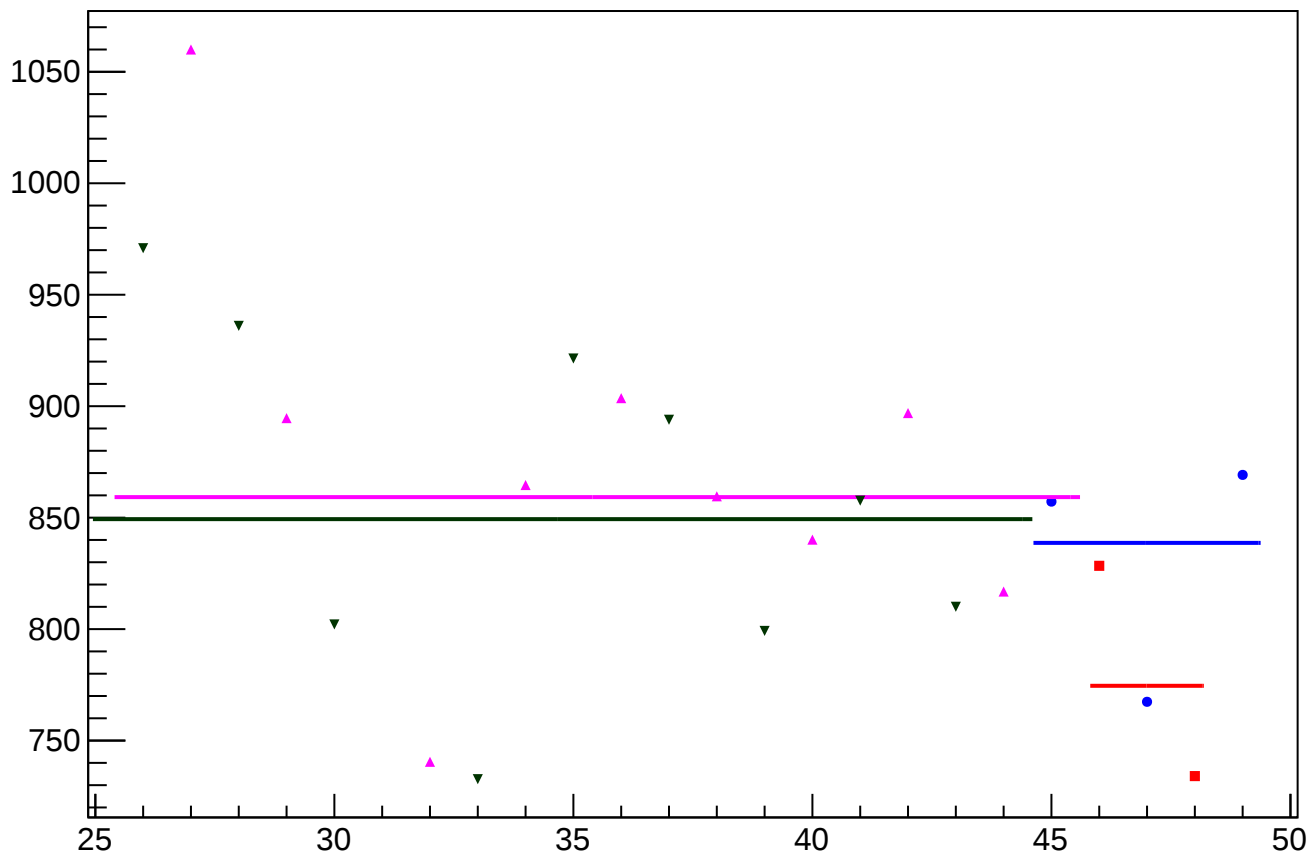
Right Out: 880.218 $\pm$ 837.819 χ^2 /NDF: 1.4/1

Left In: 944.816 $\pm$ 366.628 χ^2 /NDF: 7.3/8

-102.559 $\pm$ 326.577 χ^2 /NDF: 18.1/11

934.434 $\pm$ 335.877 χ^2 /NDF: 8.7/10

reg_asym_sam3_rms vs slug



Right In: 838.686+/-0.425 χ^2/NDF : 10249.9/2

Left Out: 849.335+/-0.275 χ^2/NDF : 71988.4/8

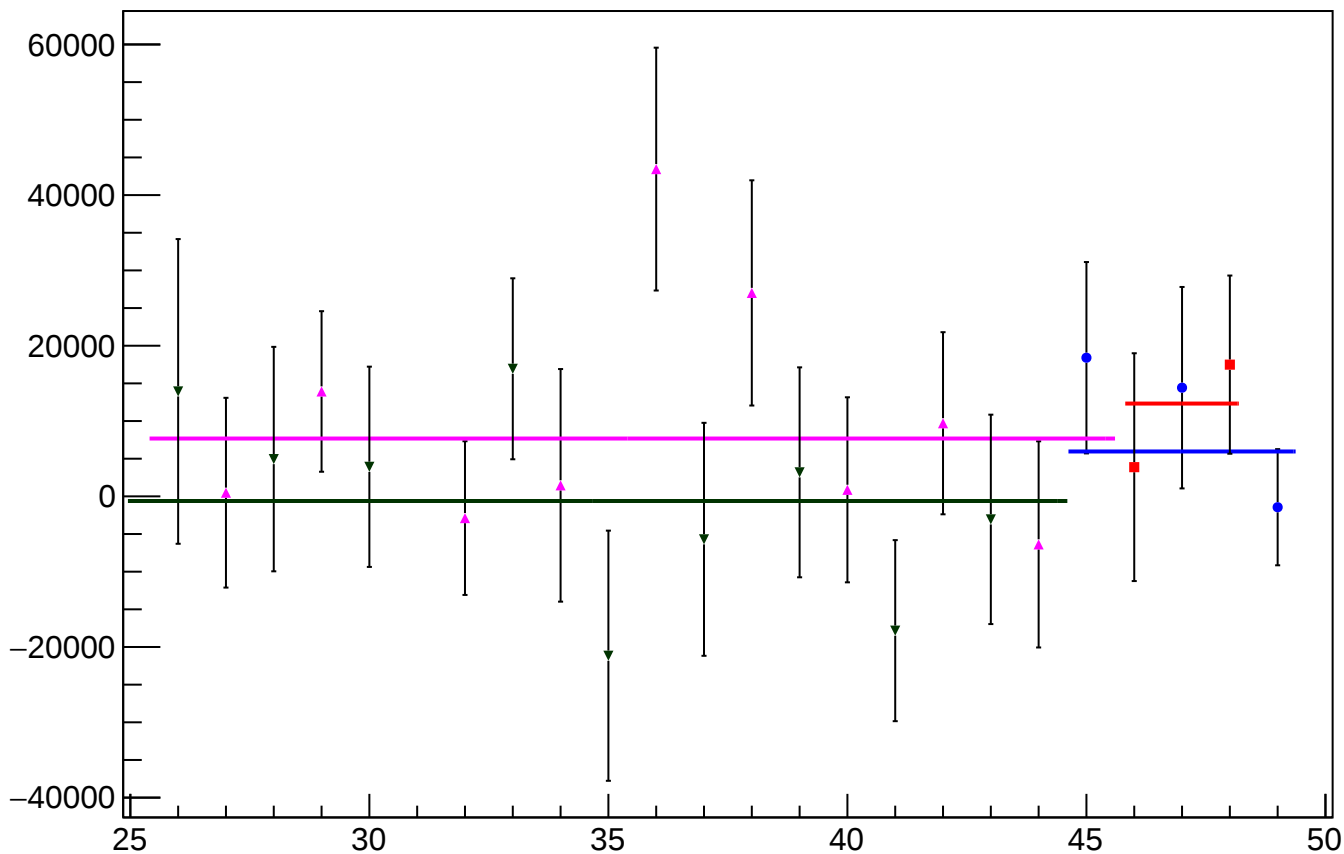
Right Out: 774.575+/-0.592 χ^2/NDF : 6211.5/1

Left In: 859.215+/-0.259 χ^2/NDF : 115716.9/8

846.188+/-0.231 χ^2/NDF : 82681.0/11

845.612+/-0.238 χ^2/NDF : 139059.7/10

asym_sam3_correction_mean vs slug



Right In: 5959.174 ± 5912.552 χ^2/NDF : 2.3/2

Left Out: -616.435 ± 4735.998 χ^2/NDF : 6.7/8

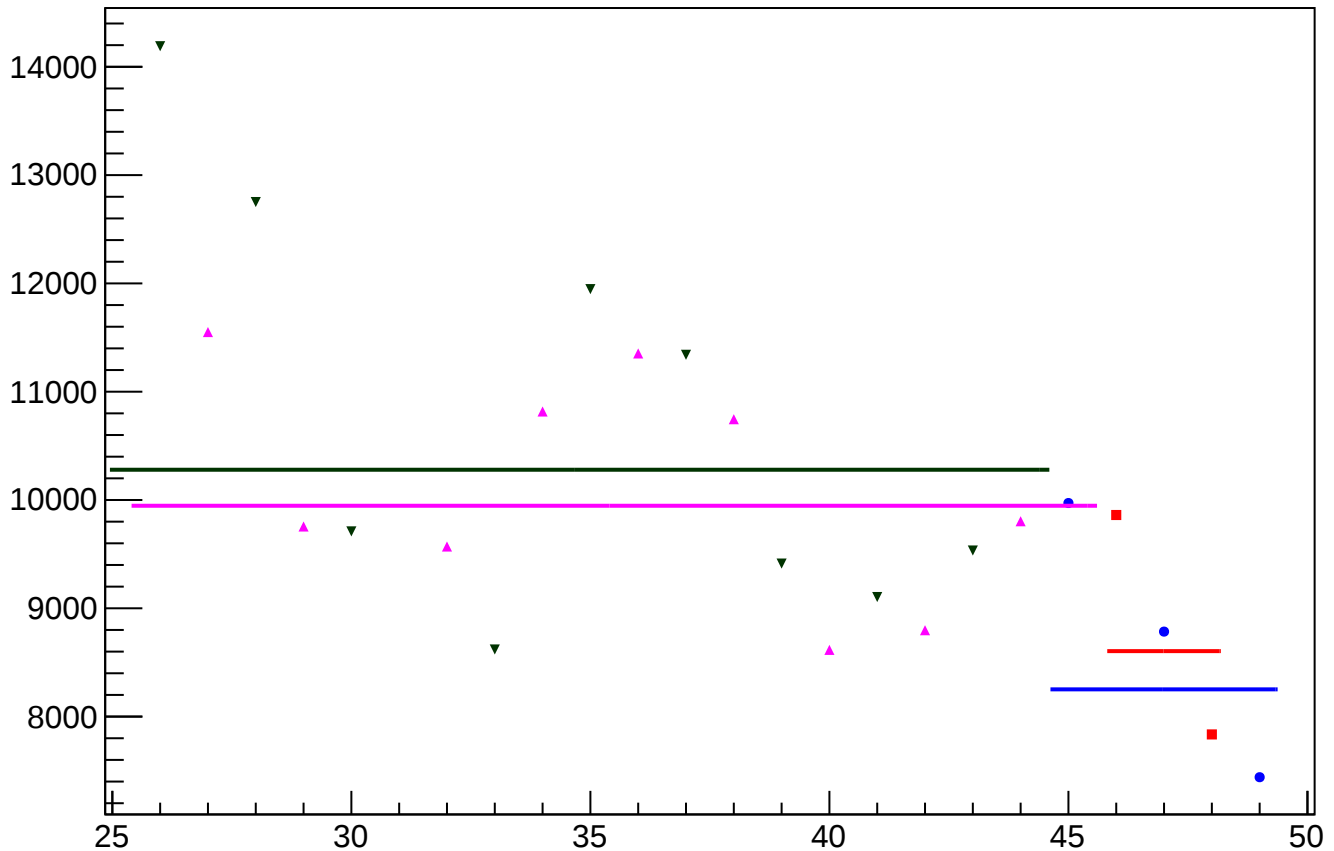
Right Out: 12320.568 ± 9318.048 χ^2/NDF : 0.5/1

Left In: 7678.057 ± 4224.700 χ^2/NDF : 9.9/8

1953.596 ± 3696.376 χ^2/NDF : 9.7/11

8469.656 ± 3847.699 χ^2/NDF : 10.6/10

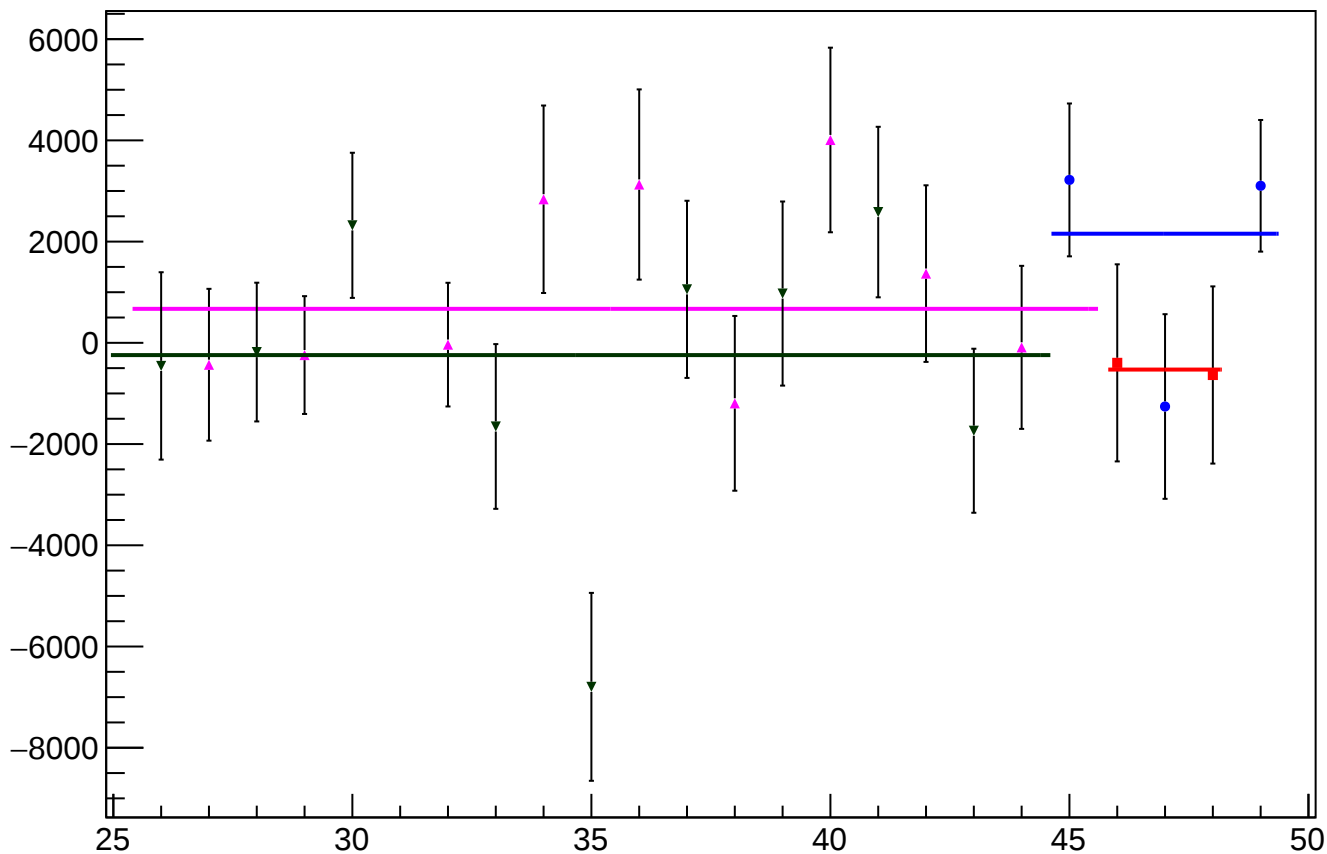
asym_sam3_correction_rms vs slug



Right In: 8251.399 ± 4.181 χ^2/NDF : 61999.9/2
 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

9486.765 ± 2.614 χ^2/NDF : 439167.7/11
 9717.945 ± 2.721 χ^2/NDF : 161536.8/10

reg_asym_sam4_mean vs slug



Right In: 2155.742 $\pm$ 866.956 χ^2/NDF : 4.5/2

Left Out: -242.182 $\pm$ 547.136 χ^2/NDF : 21.1/8

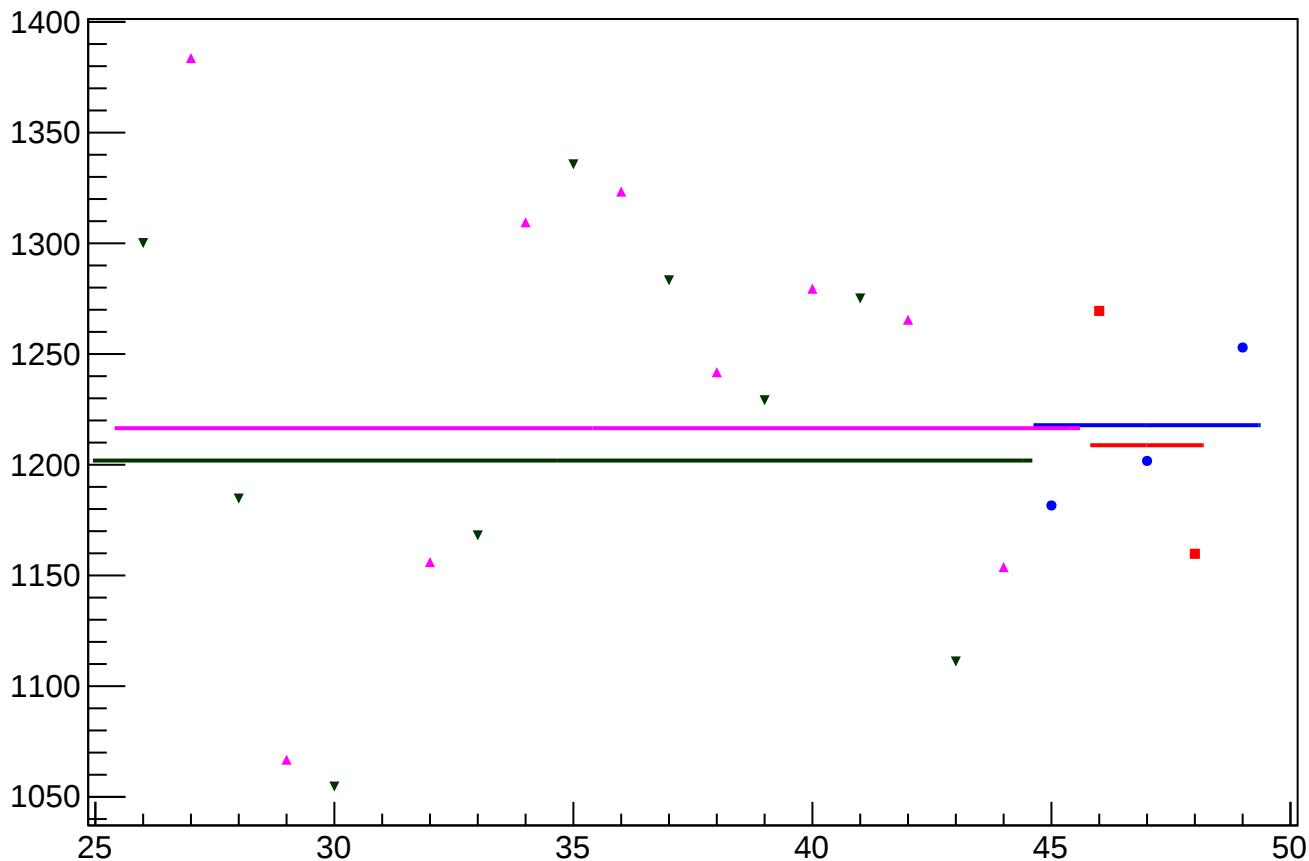
Right Out: -528.238 $\pm$ 1301.753 χ^2/NDF : 0.0/1

Left In: 671.583 $\pm$ 514.509 χ^2/NDF : 9.5/8

440.840 $\pm$ 462.697 χ^2/NDF : 31.1/11

509.474 $\pm$ 478.490 χ^2/NDF : 10.2/10

reg_asym_sam4_rms vs slug



Right In: 1217.859+/-0.613 χ^2/NDF : 2765.1/2

Left Out: 1201.899+/-0.387 χ^2/NDF : 53101.4/8

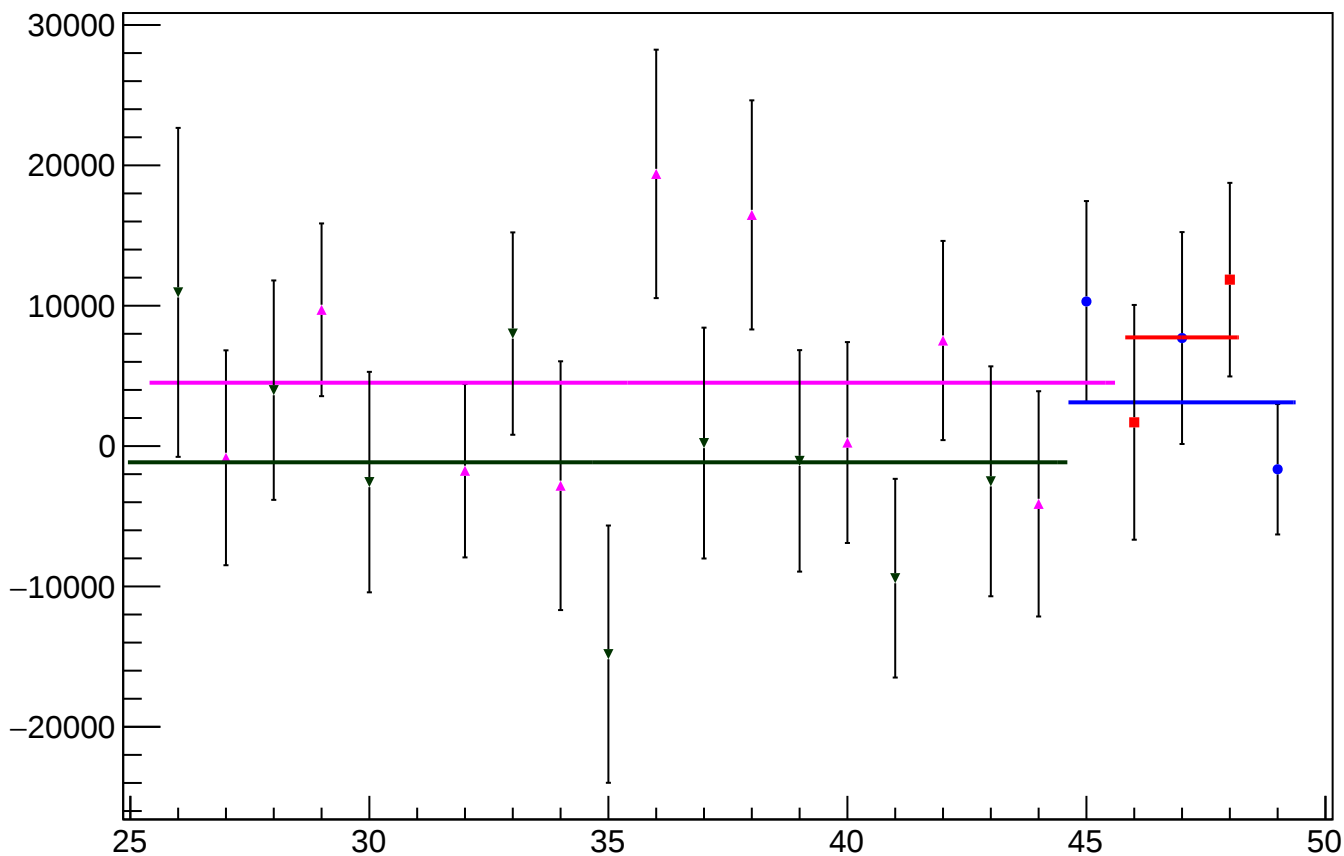
Right Out: 1208.812+/-0.920 χ^2/NDF : 3510.1/1

Left In: 1216.519+/-0.364 χ^2/NDF : 81775.0/8

1206.445+/-0.327 χ^2/NDF : 56351.3/11

1215.478+/-0.338 χ^2/NDF : 85345.7/10

asym_sam4_correction_mean vs slug



Right In: 3115.718 $\pm$ 3462.106 χ^2 /NDF: 2.4/2

Left Out: -1154.532 $\pm$ 2704.371 χ^2 /NDF: 6.8/8

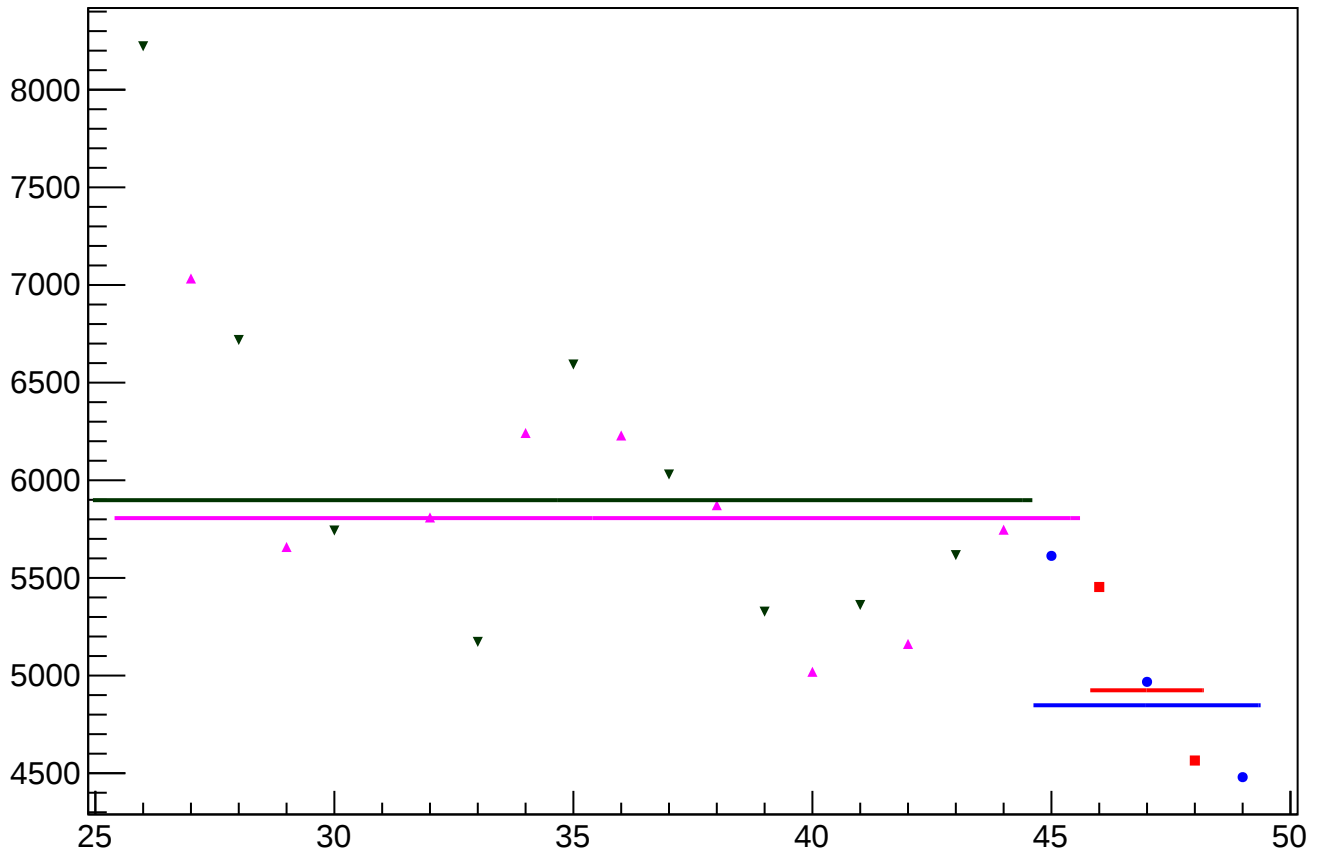
Right Out: 7743.571 $\pm$ 5320.257 χ^2 /NDF: 0.9/1

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

463.671 $\pm$ 2131.229 χ^2 /NDF: 10.2/11

5083.879 $\pm$ 2233.508 χ^2 /NDF: 10.8/10

asym_sam4_correction_rms vs slug



Right In: 4847.859+/-2.448 χ^2/NDF : 35937.1/2

Left Out: 5898.122+/-1.912 χ^2/NDF :158096.1/8

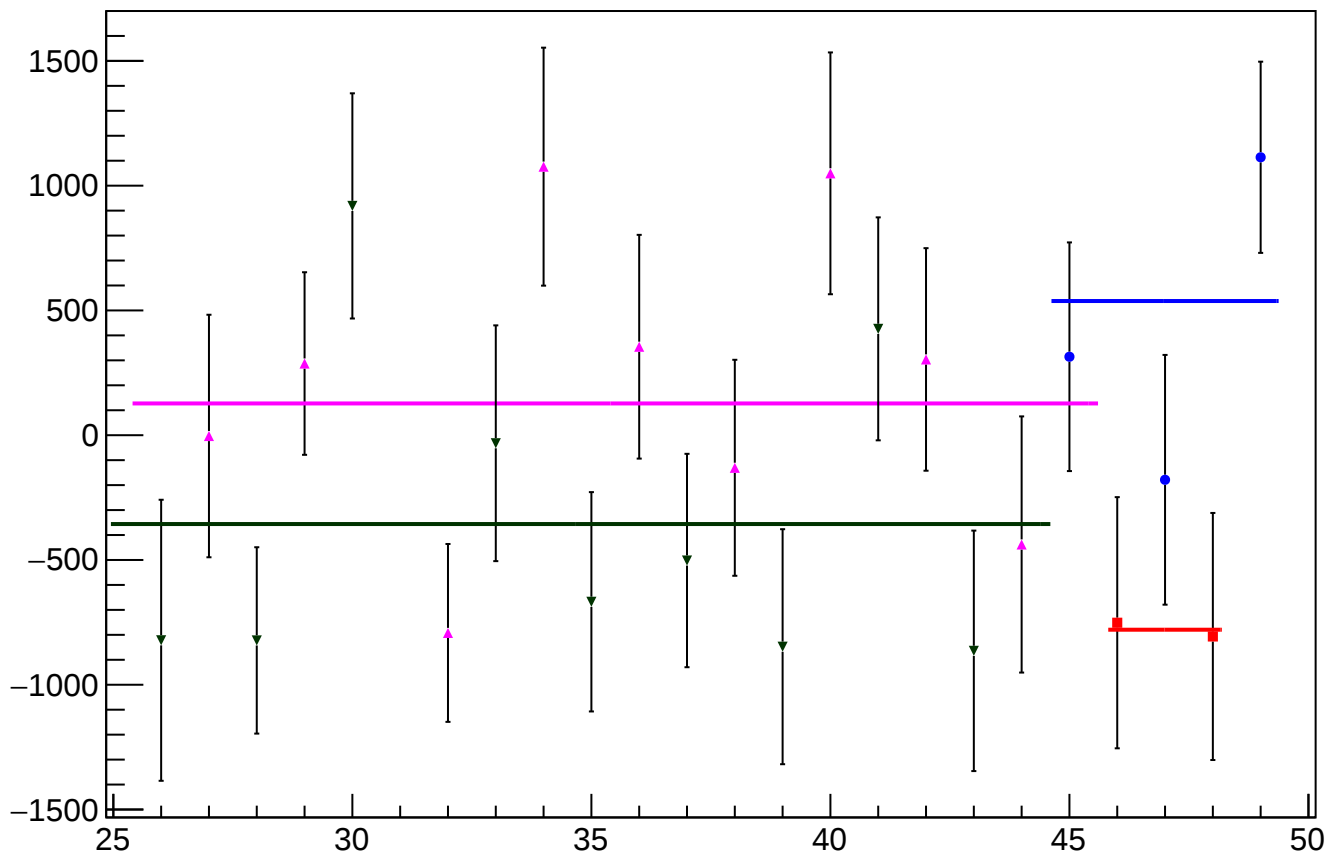
Right Out: 4924.550+/-3.762 χ^2/NDF : 13440.2/1

Left In: 5806.244+/-1.740 χ^2/NDF :102859.9/8

5500.127+/-1.507 χ^2/NDF : 308340.3/11

5650.853+/-1.579 χ^2/NDF : 161548.2/10

reg_asym_sam5_mean vs slug



Right In: 537.726+/-253.428 χ^2/NDF : 4.5/2

Left Out: -356.000+/-150.426 χ^2/NDF : 16.6/8

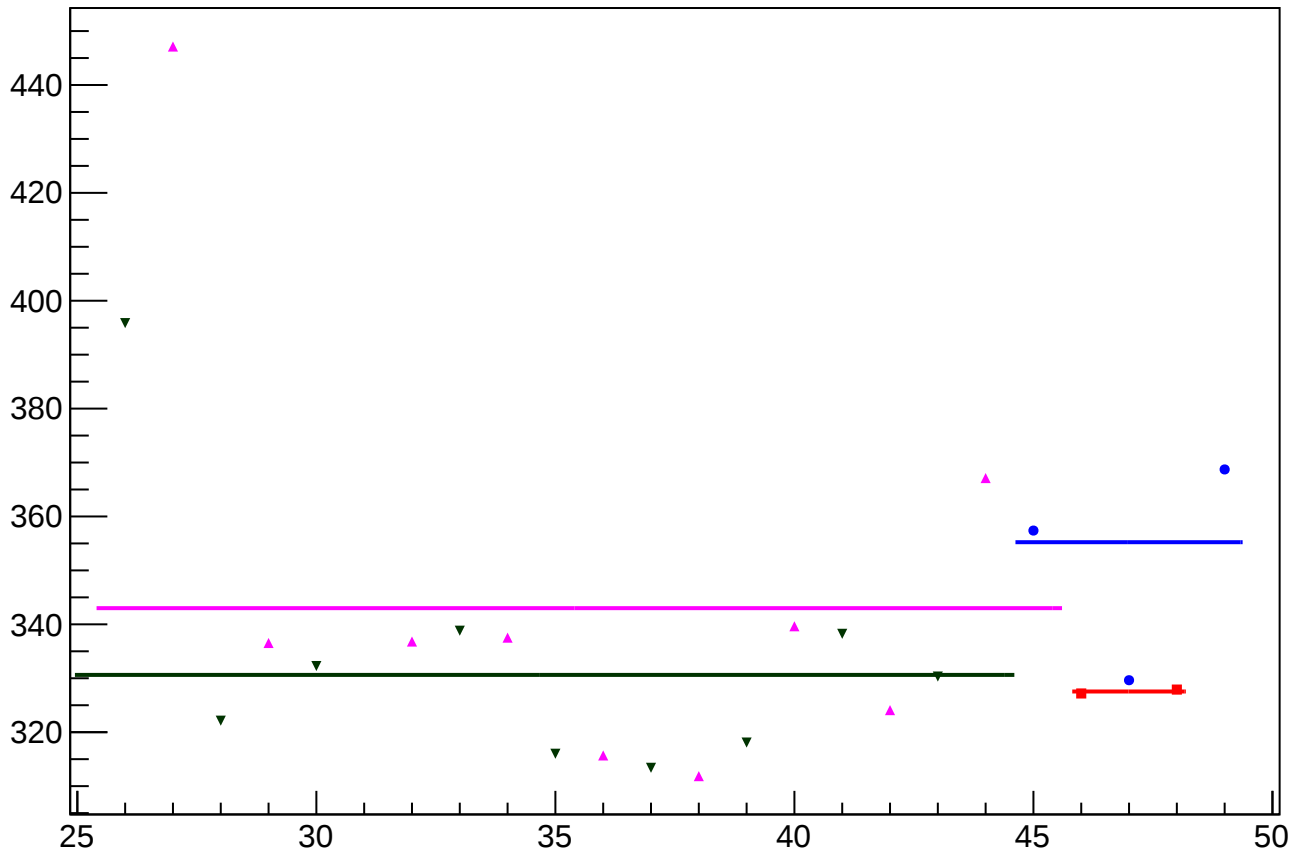
Right Out: -779.489+/-352.924 χ^2/NDF : 0.0/1

Left In: 127.293+/-145.286 χ^2/NDF : 16.5/8

-123.158+/-129.355 χ^2/NDF : 30.3/11

-4.108+/-134.347 χ^2/NDF : 22.1/10

reg_asym_sam5_rms vs slug



Right In: 355.229 ± 0.179 χ^2/NDF : 7754.1/2

Left Out: 330.623 ± 0.106 χ^2/NDF : 35956.4/8

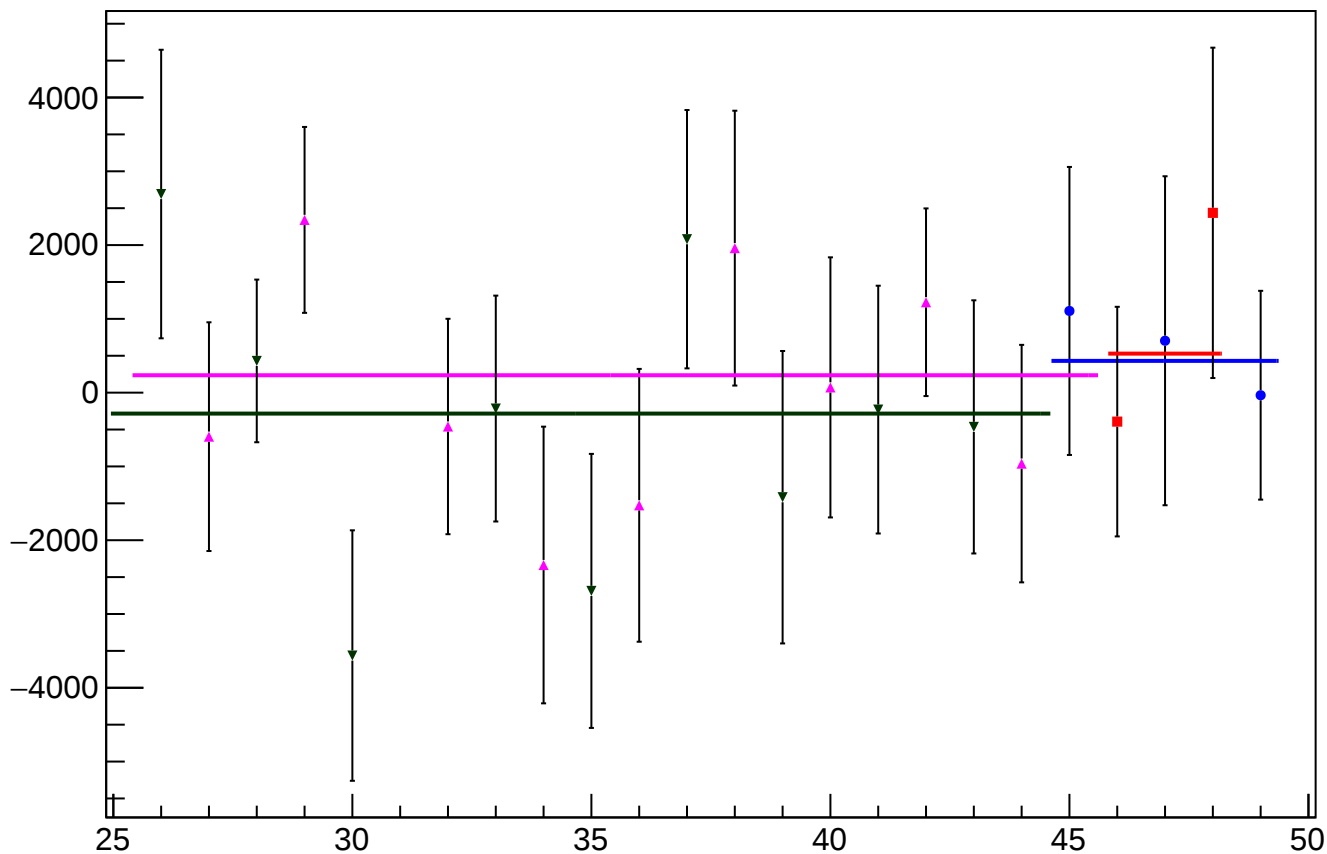
Right Out: 327.547 ± 0.250 χ^2/NDF : 2.1/1

Left In: 342.999 ± 0.103 χ^2/NDF : 119222.1/8

337.033 ± 0.091 χ^2/NDF : 57652.1/11

340.760 ± 0.095 χ^2/NDF : 122502.3/10

asym_sam5_correction_mean vs slug



Right In: 430.627 $\pm$ 1018.951 χ^2 /NDF: 0.2/2

Left Out: -283.767 $\pm$ 540.454 χ^2 /NDF:10.3/8

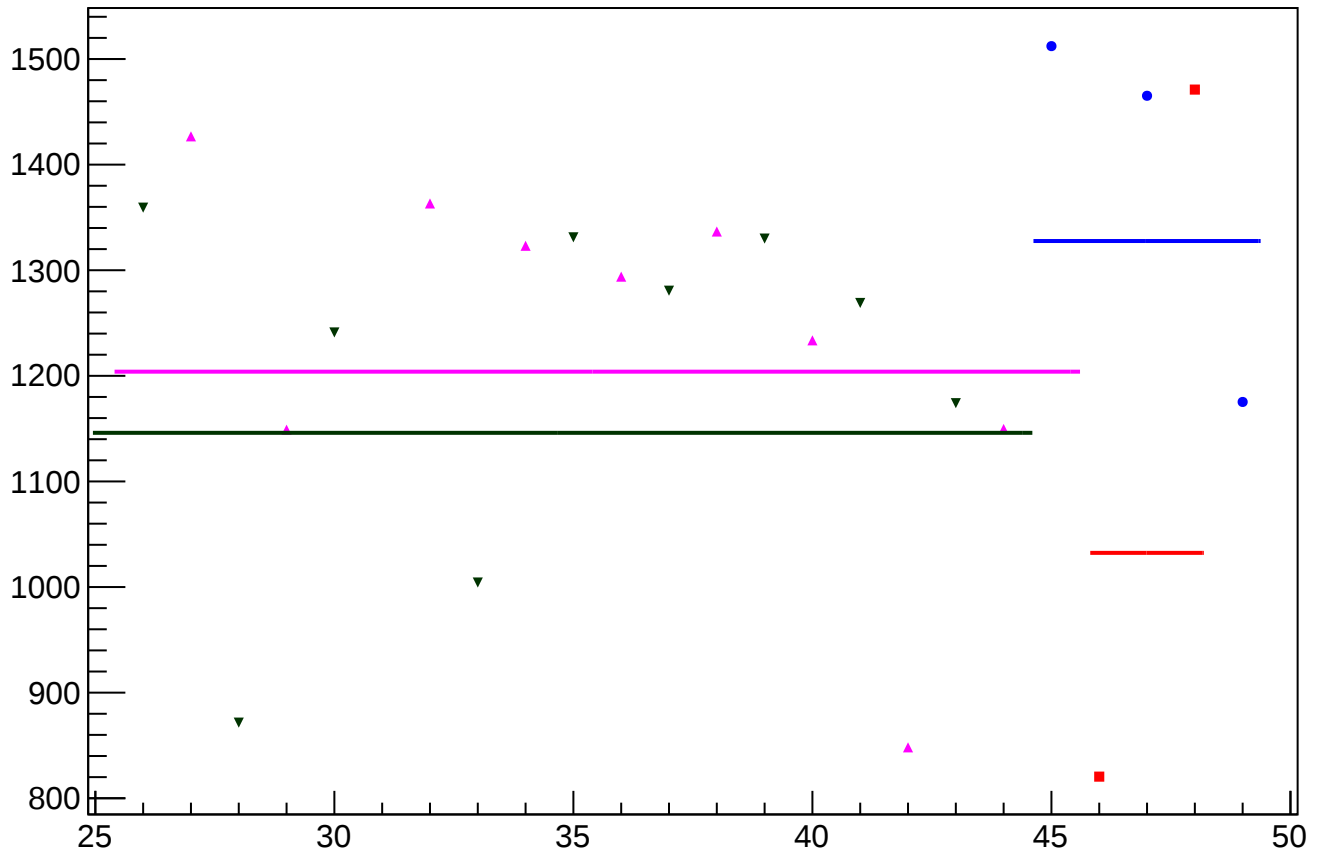
Right Out: 528.997 $\pm$ 1277.635 χ^2 /NDF: 1.1/1

Left In: 235.887 $\pm$ 519.362 χ^2 /NDF:8.1/8

-126.915 $\pm$ 477.451 χ^2 /NDF: 10.9/11

277.453 $\pm$ 481.129 χ^2 /NDF: 9.2/10

asym_sam5_correction_rms vs slug



Right In: 1327.666+/-0.721 χ^2/NDF : 48691.4/2

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

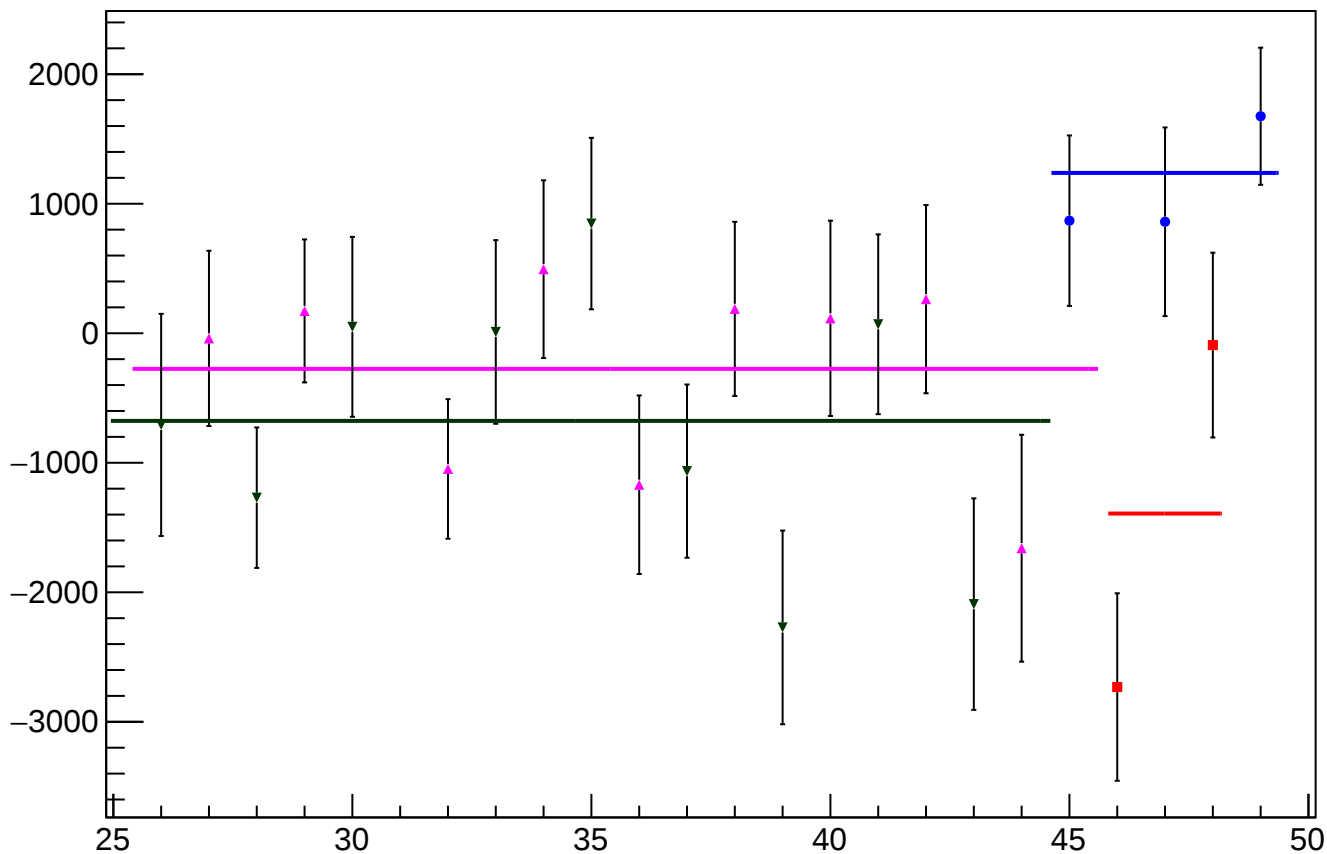
Right Out: 1032.365+/-0.903 χ^2/NDF : 113897.0/1

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

1185.915+/-0.338 χ^2/NDF : 329631.6/11

1179.616+/-0.340 χ^2/NDF : 396149.0/10

reg_asym_sam6_mean vs slug



Right In: 1237.934 $\pm$ 358.935 χ^2/NDF : 1.3/2

Left Out: -676.628 $\pm$ 231.223 χ^2/NDF : 17.6/8

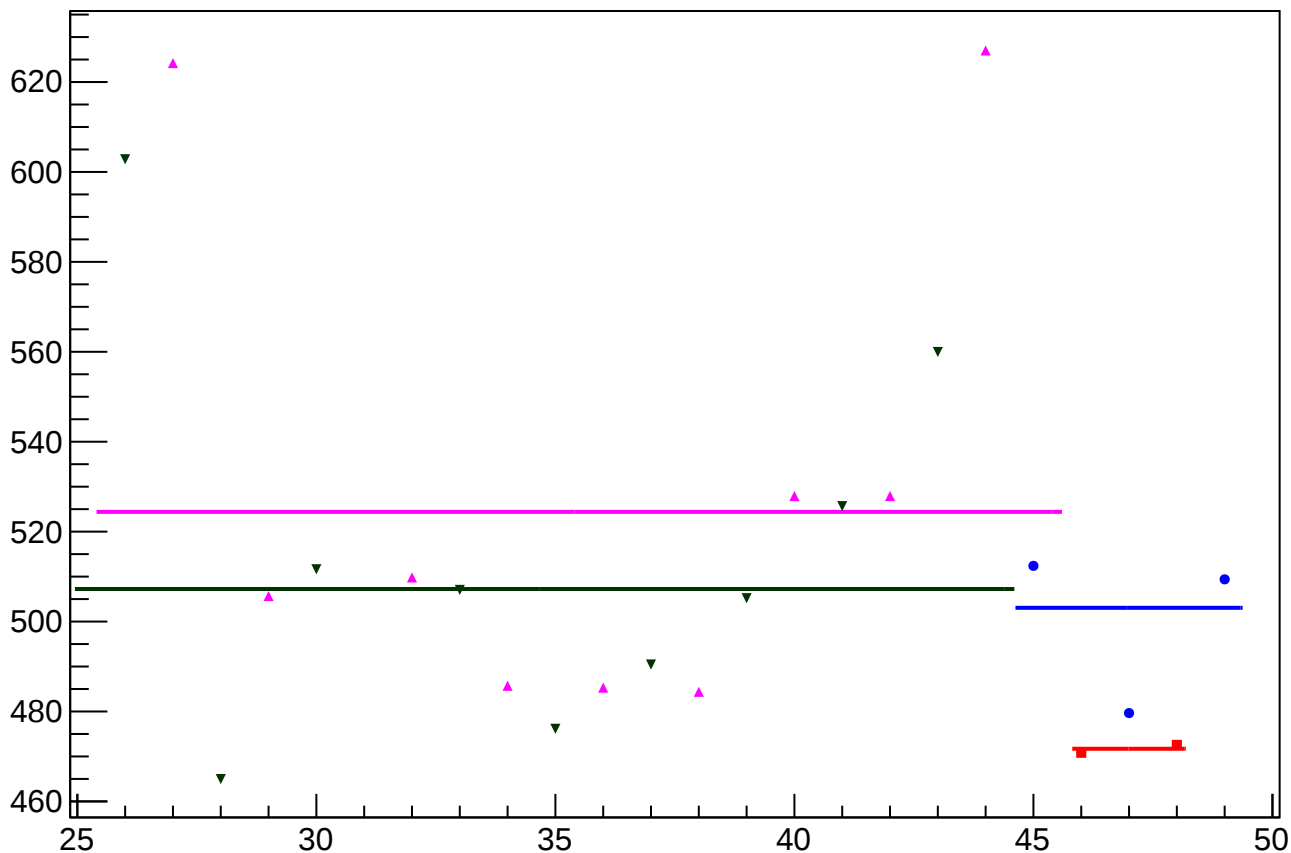
Right Out: -1392.080 $\pm$ 508.165 χ^2/NDF : 6.7/1

Left In: -274.897 $\pm$ 221.916 χ^2/NDF : 9.6/8

-115.128 $\pm$ 194.382 χ^2/NDF : 38.9/11

-453.829 $\pm$ 203.370 χ^2/NDF : 20.4/10

reg_asym_sam6_rms vs slug



Right In: 503.057+/-0.254 χ^2/NDF : 2754.4/2

Left Out: 507.245+/-0.163 χ^2/NDF : 52506.9/8

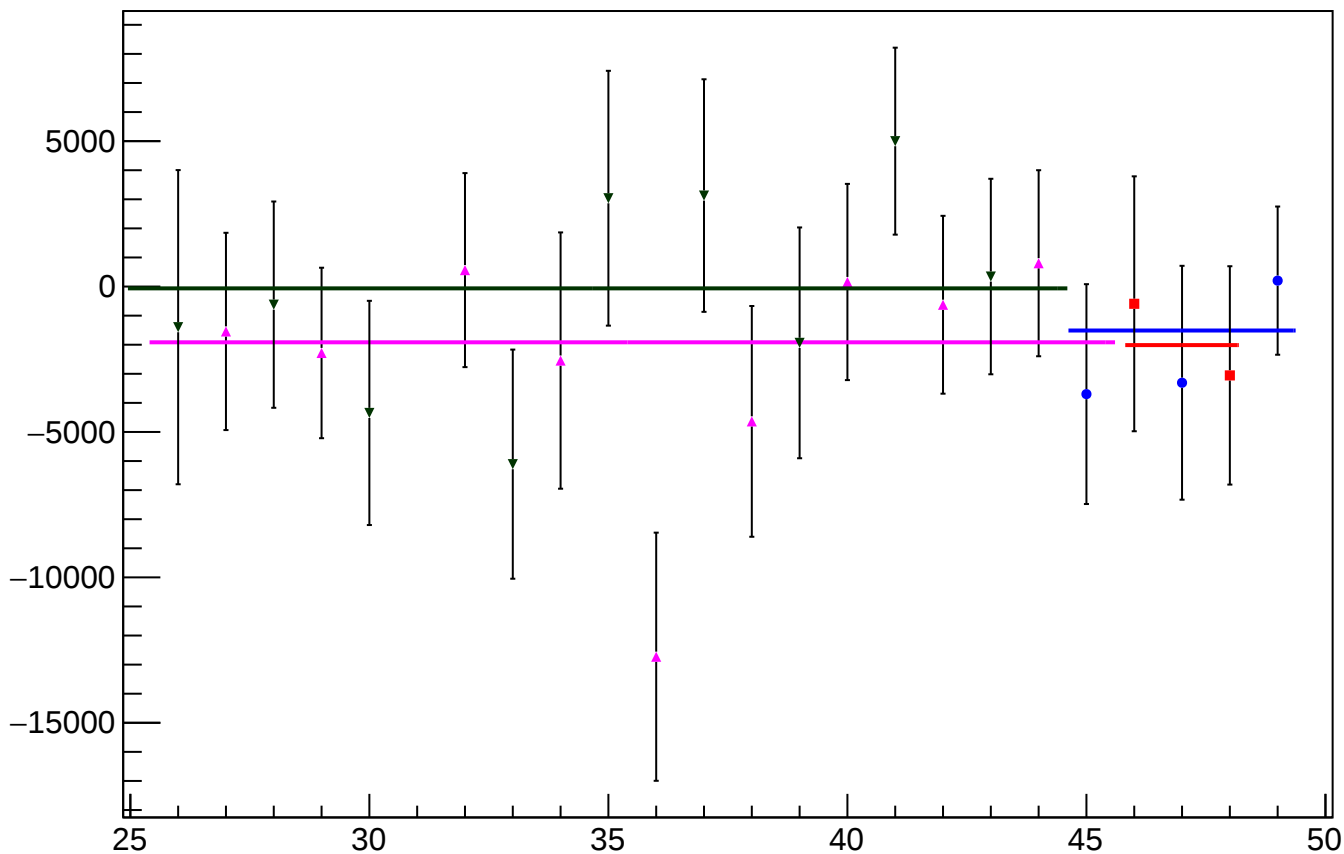
Right Out: 471.710+/-0.359 χ^2/NDF : 5.9/1

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

506.017+/-0.137 χ^2/NDF : 55453.7/11

515.962+/-0.144 χ^2/NDF : 112775.2/10

asym_sam6_correction_mean vs slug



Right In: -1511.523 ± 1870.370 χ^2/NDF : 1.0/2

Left Out: -62.354 ± 1281.480 χ^2/NDF : 7.5/8

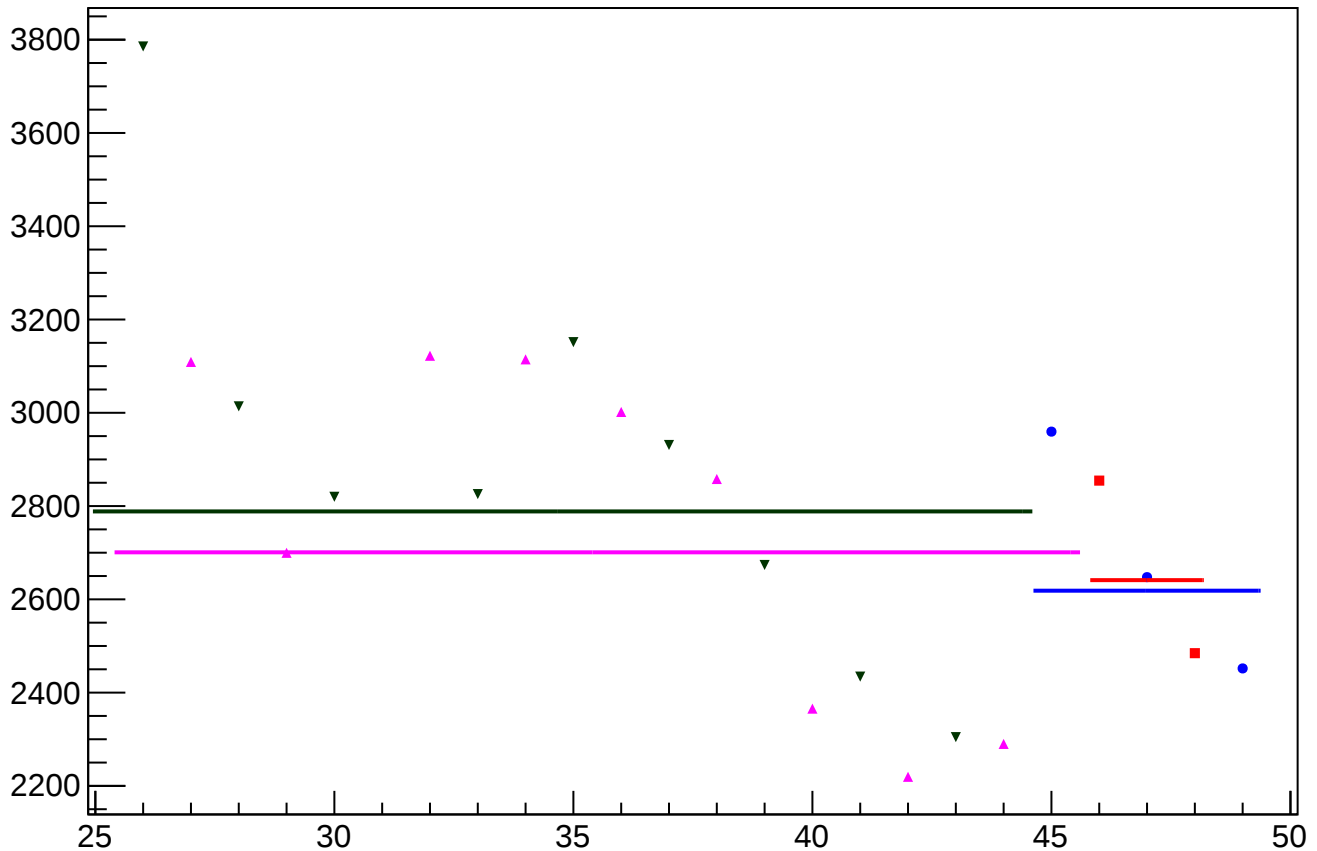
Right Out: -2013.120 ± 2851.151 χ^2/NDF : 0.2/1

Left In: -1917.139 ± 1150.328 χ^2/NDF : 8.8/8

-525.310 ± 1057.153 χ^2/NDF : 8.9/11

-1930.576 ± 1066.775 χ^2/NDF : 9.0/10

asym_sam6_correction_rms vs slug



Right In: 2618.549+/-1.323 χ^2/NDF : 24944.9/2

Left Out: 2788.520+/-0.906 χ^2/NDF :160197.2/8

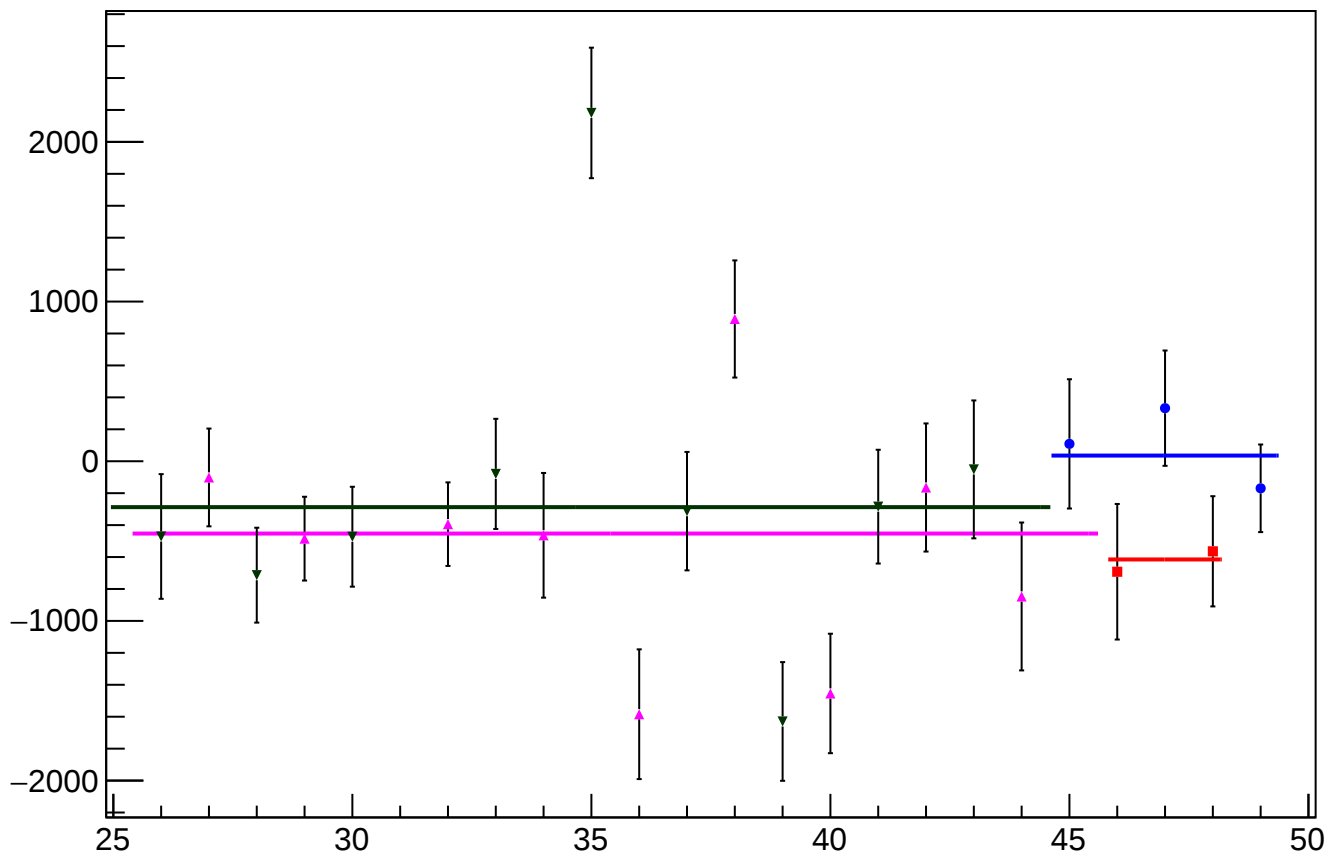
2734.220+/-0.748 χ^2/NDF : 196382.3/11

Right Out: 2641.172+/-2.016 χ^2/NDF : 8222.5/1

2692.460+/-0.754 χ^2/NDF : 202909.1/10

Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

reg_asym_sam7_mean vs slug



Right In: 35.496 ± 192.232 χ^2/NDF : 1.3/2

Left Out: -287.418 ± 119.318 χ^2/NDF : 52.8/8

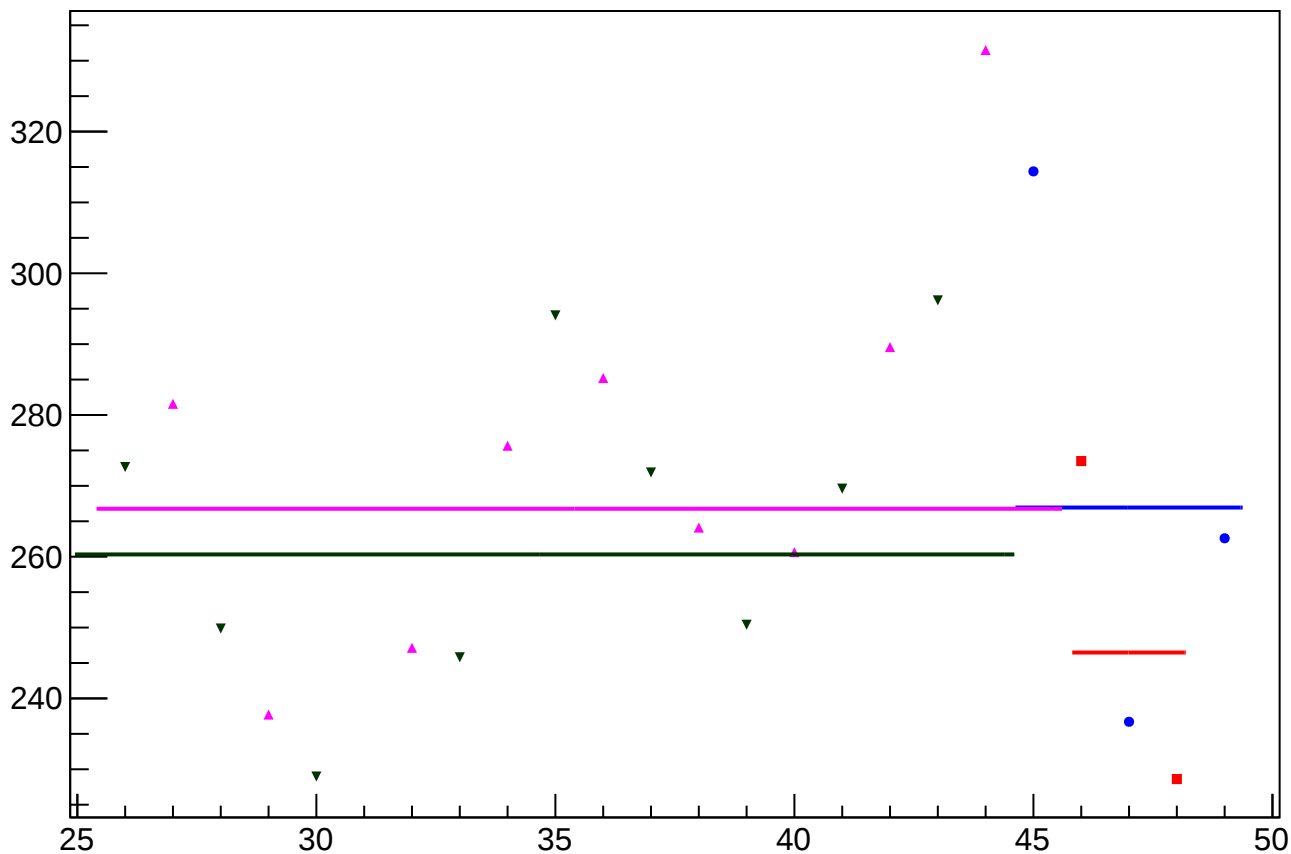
Right Out: -615.045 ± 267.791 χ^2/NDF : 0.1/1

Left In: -452.872 ± 113.322 χ^2/NDF : 31.0/8

-197.610 ± 101.377 χ^2/NDF : 56.1/11

-477.503 ± 104.363 χ^2/NDF : 31.3/10

reg_asym_sam7_rms vs slug



Right In: 266.940+/-0.136 χ^2/NDF : 41995.4/2

Left Out: 260.321+/-0.084 χ^2/NDF : 60237.4/8

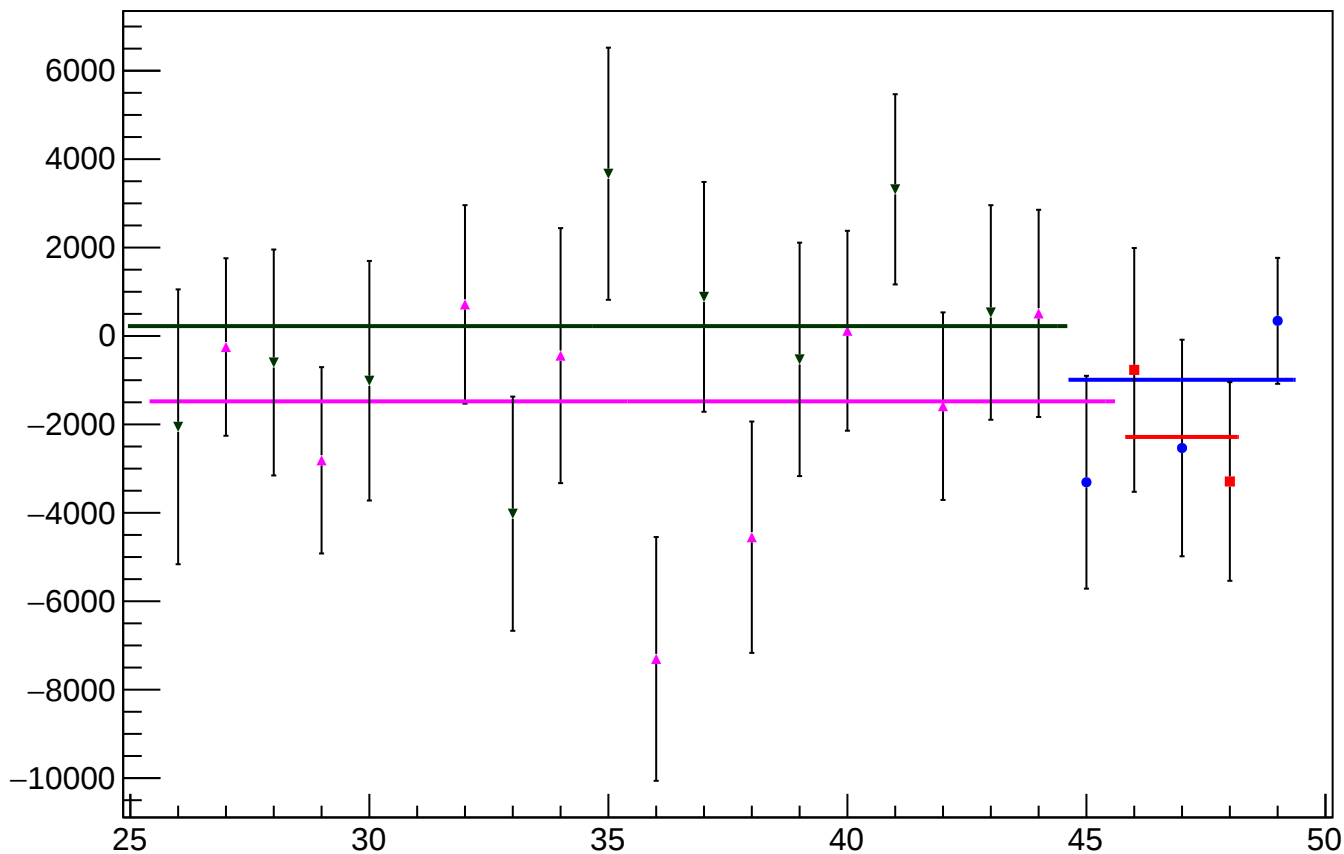
Right Out: 246.480+/-0.189 χ^2/NDF : 13459.2/1

Left In: 266.767+/-0.080 χ^2/NDF : 91803.4/8

262.161+/-0.072 χ^2/NDF : 103944.5/11

263.686+/-0.074 χ^2/NDF : 114997.7/10

asym_sam7_correction_mean vs slug



Right In: -990.465 $\pm$ 1096.223 χ^2/NDF : 2.2/2

Left Out: 223.347 $\pm$ 865.231 χ^2/NDF : 7.1/8

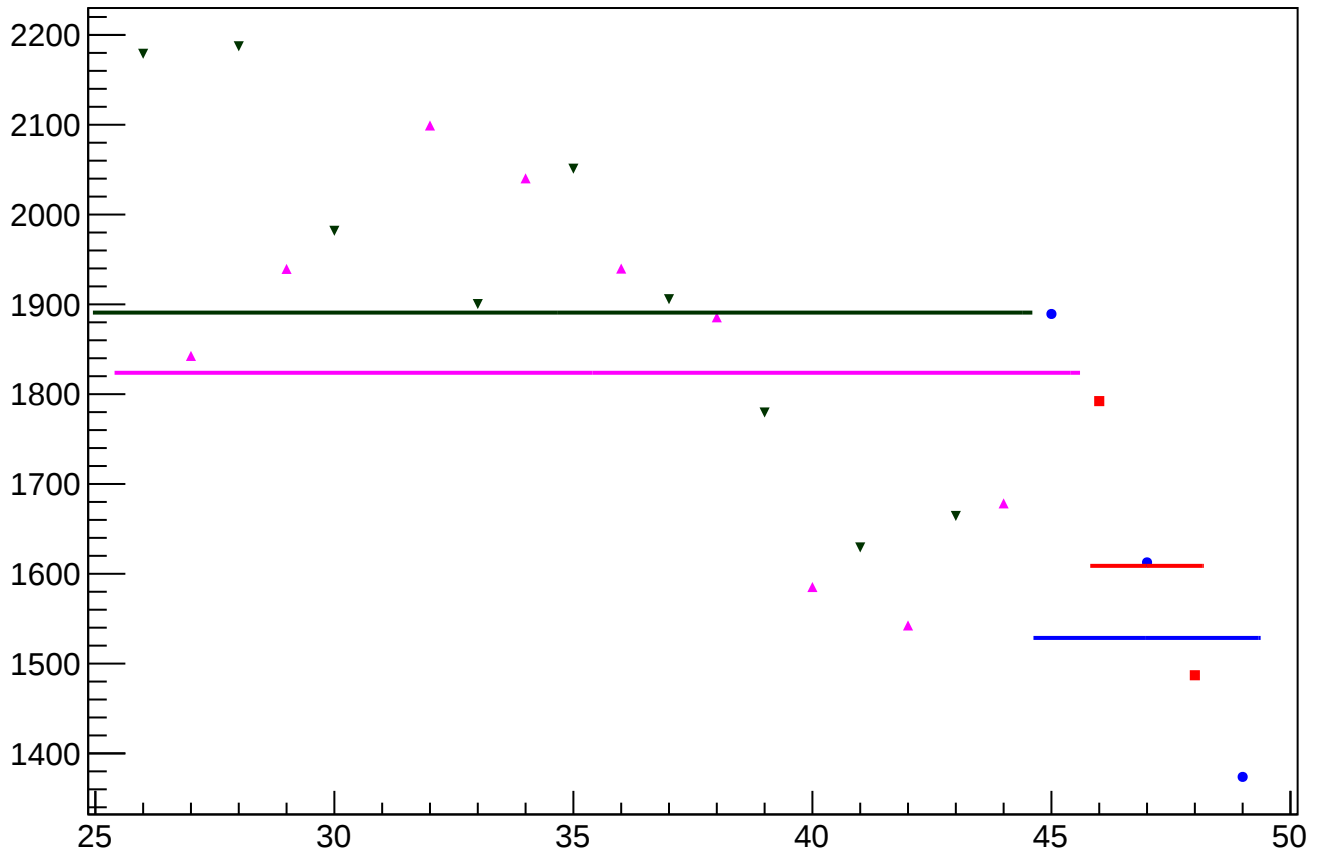
Right Out: -2283.642 $\pm$ 1741.810 χ^2/NDF : 0.5/1

Left In: -1478.705 $\pm$ 773.885 χ^2/NDF : 8.9/8

-242.569 $\pm$ 679.168 χ^2/NDF : 10.1/11

-1611.406 $\pm$ 707.223 χ^2/NDF : 9.6/10

asym_sam7_correction_rms vs slug



Right In: 1528.581+/-0.775 χ^2/NDF : 70875.8/2

Left Out: 1890.834+/-0.612 χ^2/NDF :103303.6/8

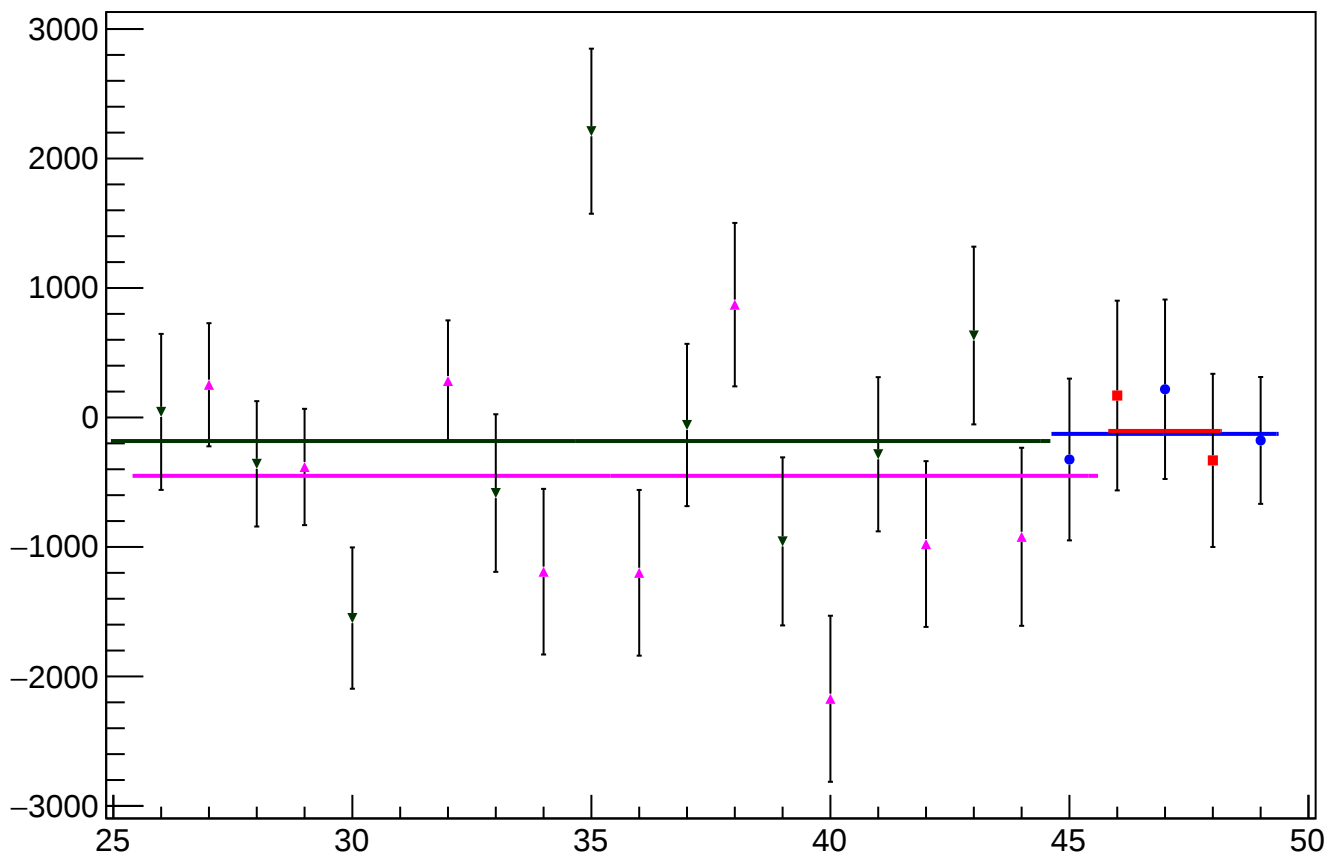
Right Out: 1608.830+/-1.232 χ^2/NDF : 14730.9/1

Left In: 1823.820+/-0.547 χ^2/NDF :117391.1/8

1751.785+/-0.480 χ^2/NDF : 308748.5/11

1788.377+/-0.500 χ^2/NDF : 157568.5/10

reg_asym_sam8_mean vs slug



Right In: -126.722+/-336.871 χ^2/NDF : 0.4/2

Left Out: -181.996+/-198.404 χ^2/NDF :24.0/8

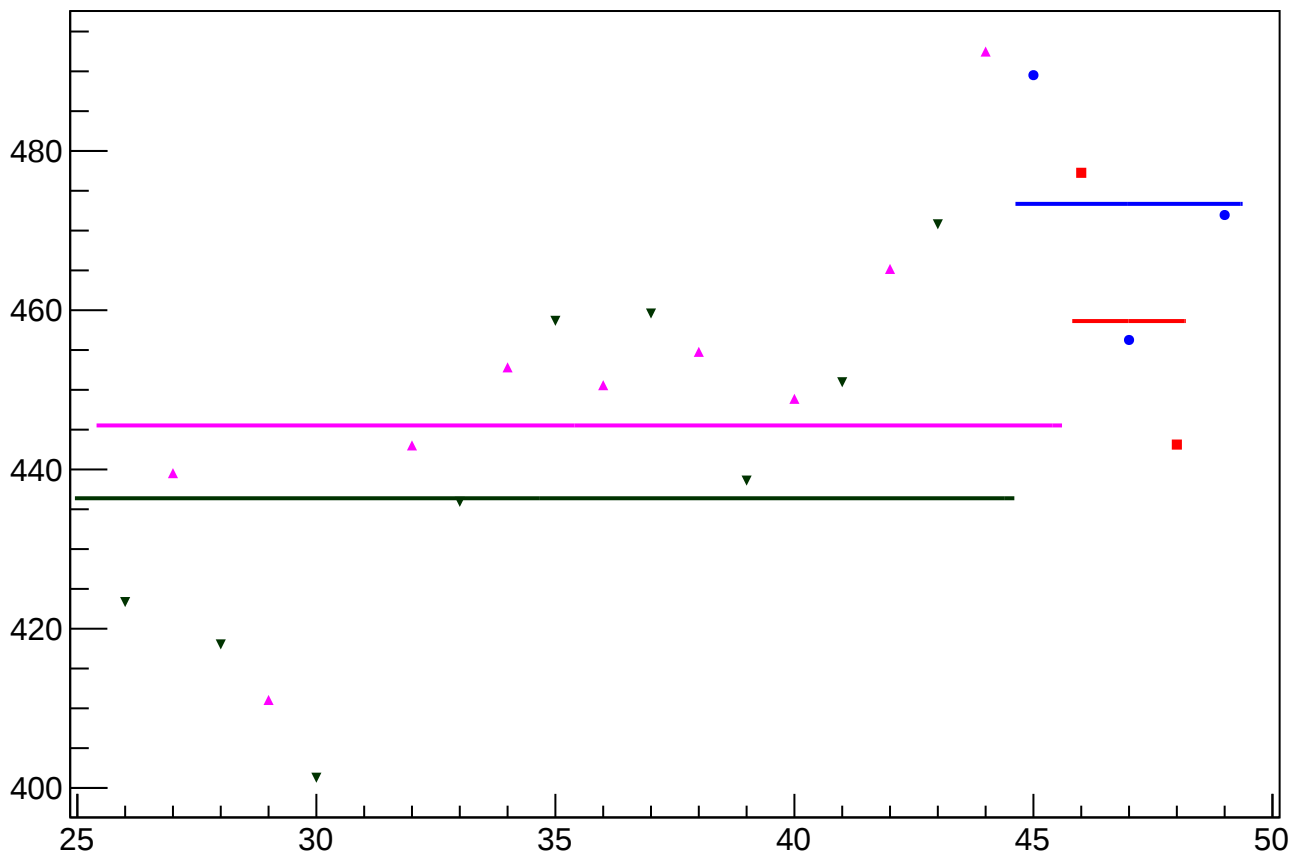
Right Out: -103.844+/-493.887 χ^2/NDF : 0.3/1

Left In: -450.653+/-187.903 χ^2/NDF :20.1/8

-167.761+/-170.957 χ^2/NDF : 24.4/11

-406.801+/-175.622 χ^2/NDF : 20.8/10

reg_asym_sam8_rms vs slug



Right In: 473.356+/-0.238 χ^2/NDF : 2572.9/2

Left Out: 436.383+/-0.140 χ^2/NDF : 23517.4/8

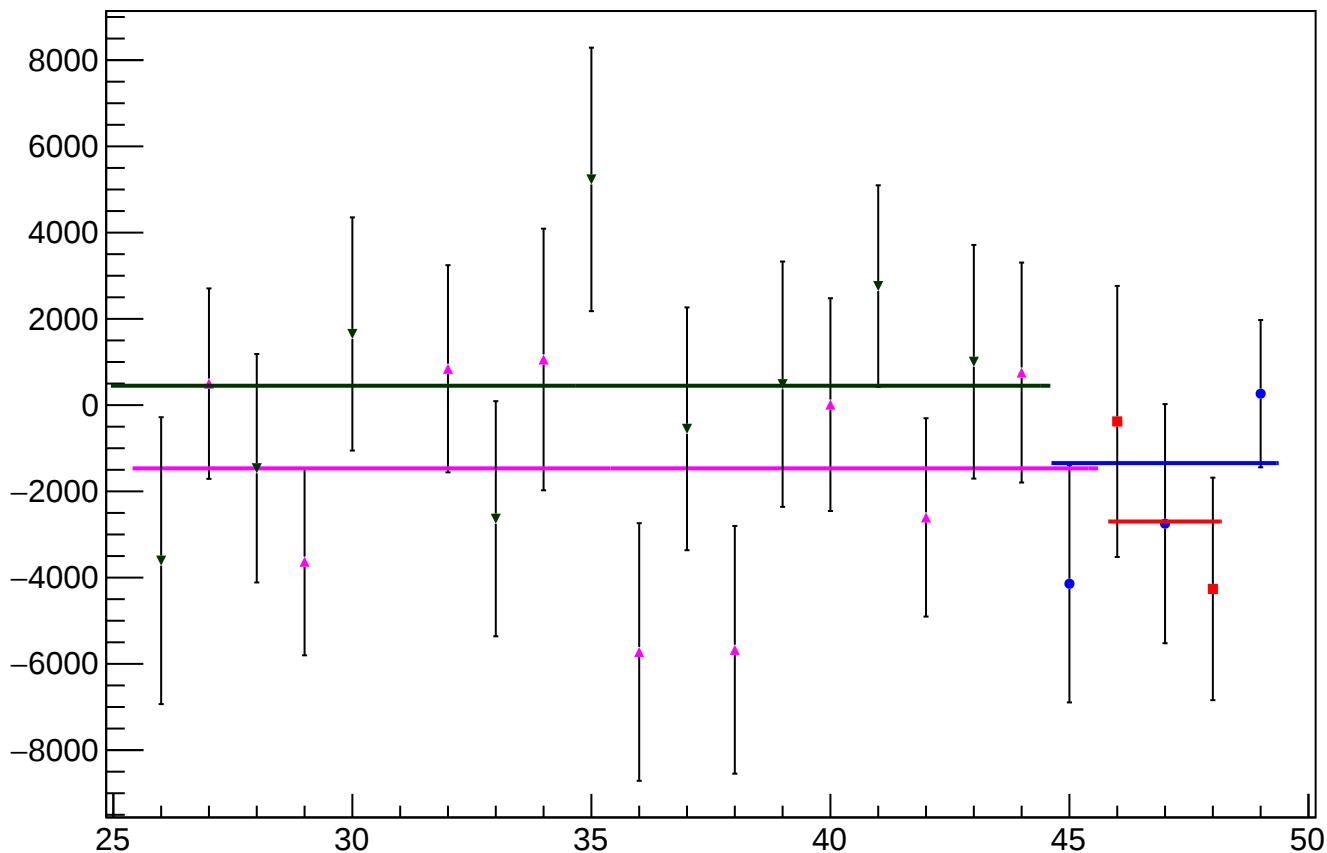
Right Out: 458.639+/-0.349 χ^2/NDF : 2368.3/1

Left In: 445.528+/-0.133 χ^2/NDF : 24241.7/8

445.905+/-0.121 χ^2/NDF : 43978.1/11

447.186+/-0.124 χ^2/NDF : 27841.2/10

asym_sam8_correction_mean vs slug



Right In: -1344.514+/-1285.573 χ^2/NDF : 2.2/2

Left Out: 449.371+/-920.334 χ^2/NDF : 7.1/8

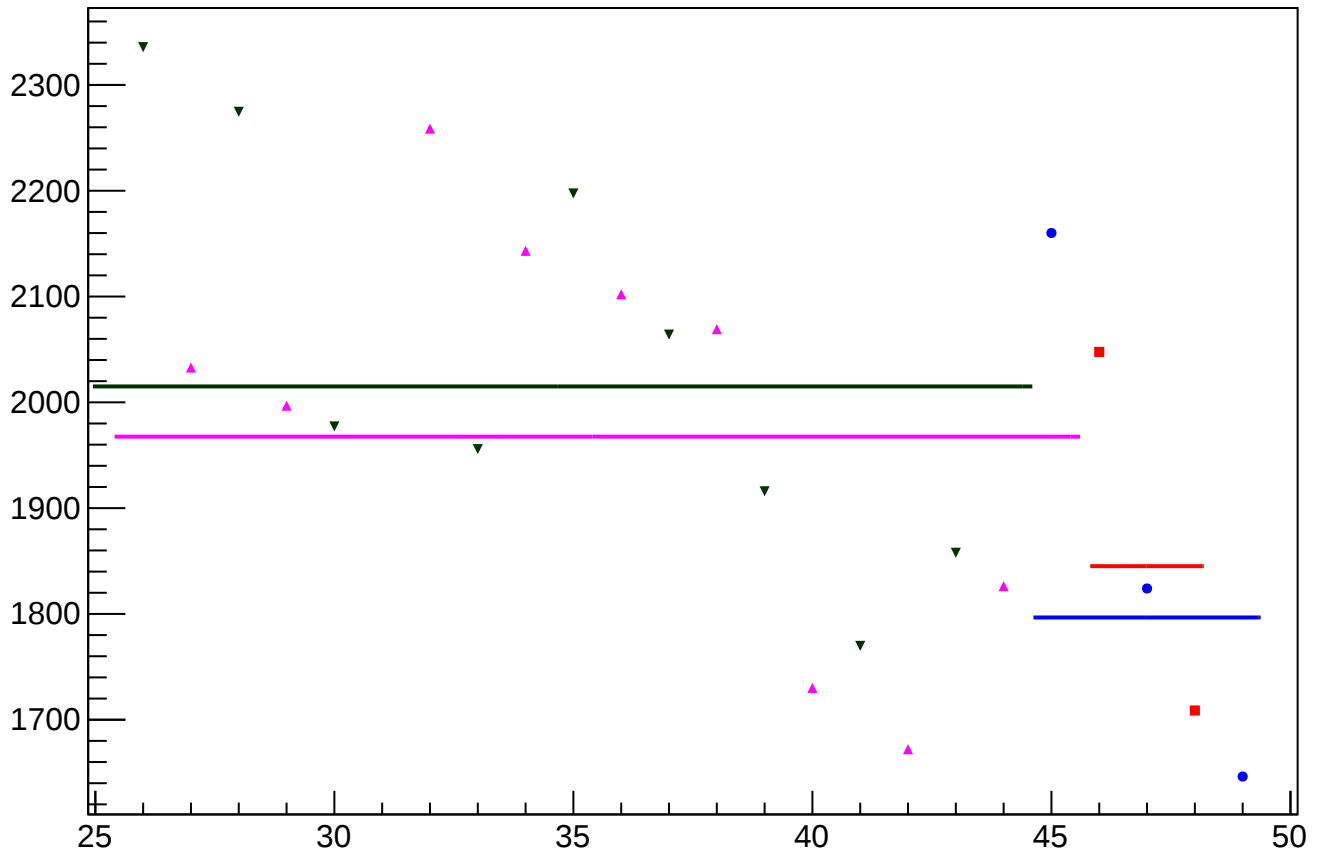
Right Out: -2698.761+/-1994.032 χ^2/NDF : 0.9/1

Left In: -1466.179+/-833.373 χ^2/NDF : 8.9/8

-158.478+/-748.337 χ^2/NDF : 10.6/11

-1649.459+/-768.921 χ^2/NDF : 10.2/10

asym_sam8_correction_rms vs slug



Right In: 1796.639+/-0.909 χ^2/NDF : 50579.4/2

Left Out: 2015.018+/-0.651 χ^2/NDF : 78061.6/8

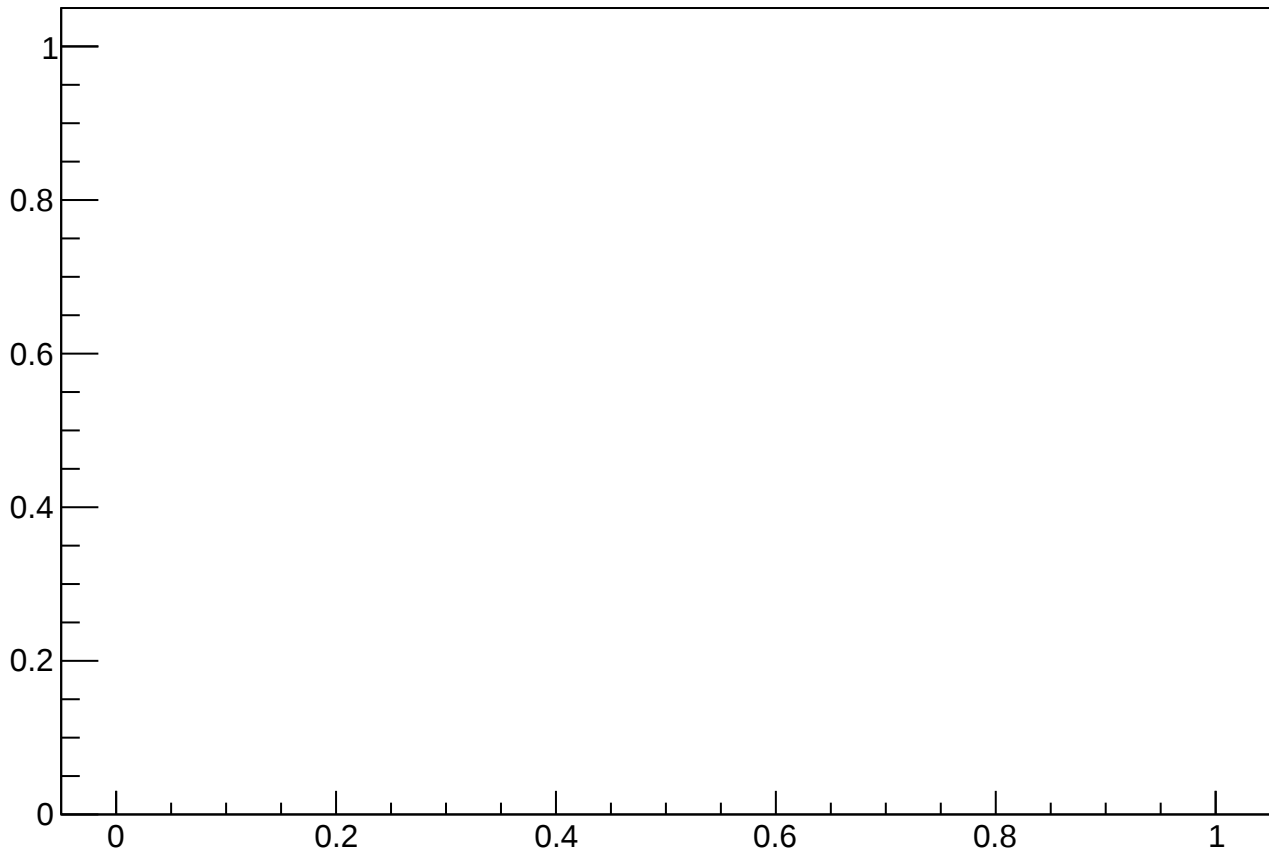
Right Out: 1845.153+/-1.410 χ^2/NDF : 13897.8/1

Left In: 1967.585+/-0.589 χ^2/NDF : 102442.6/8

1941.021+/-0.529 χ^2/NDF : 166796.8/11

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

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

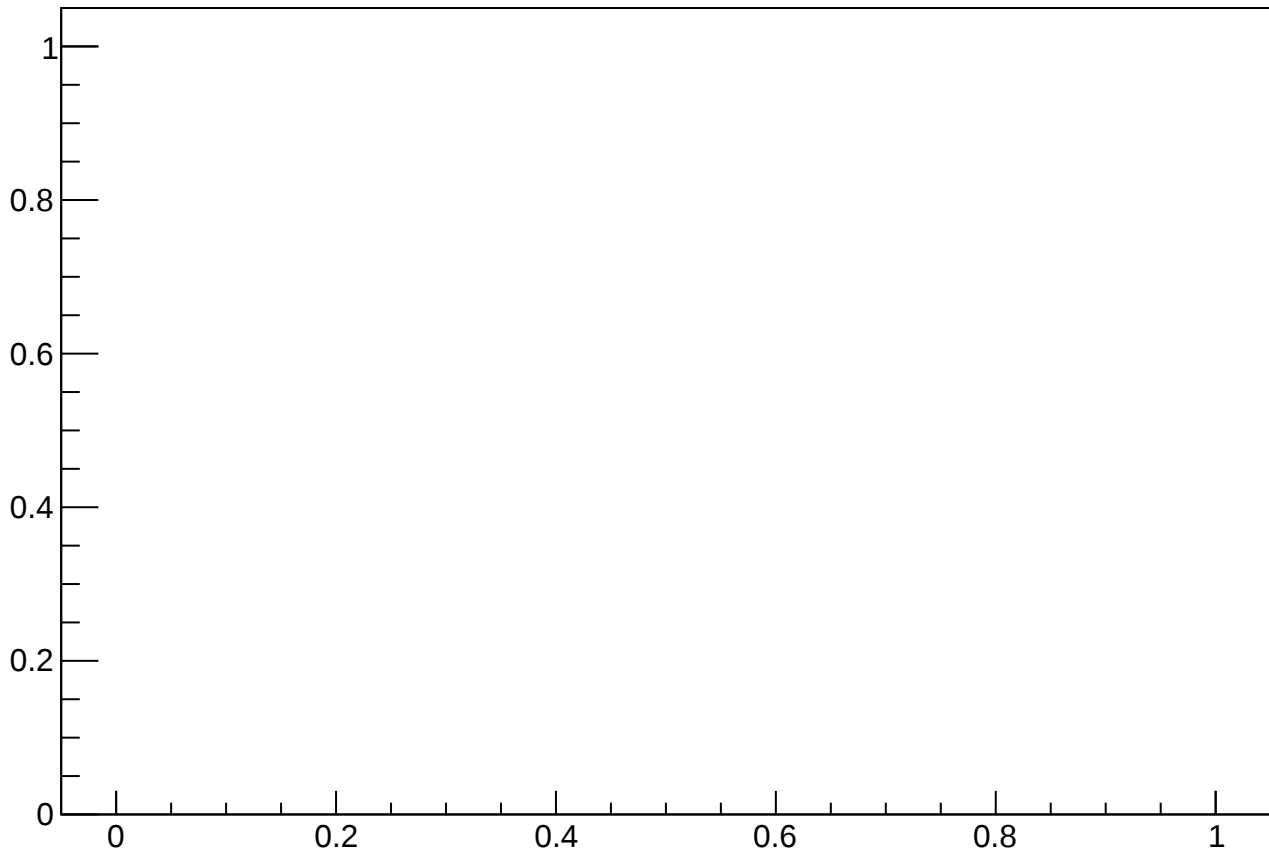
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_avg_rms vs slug



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

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

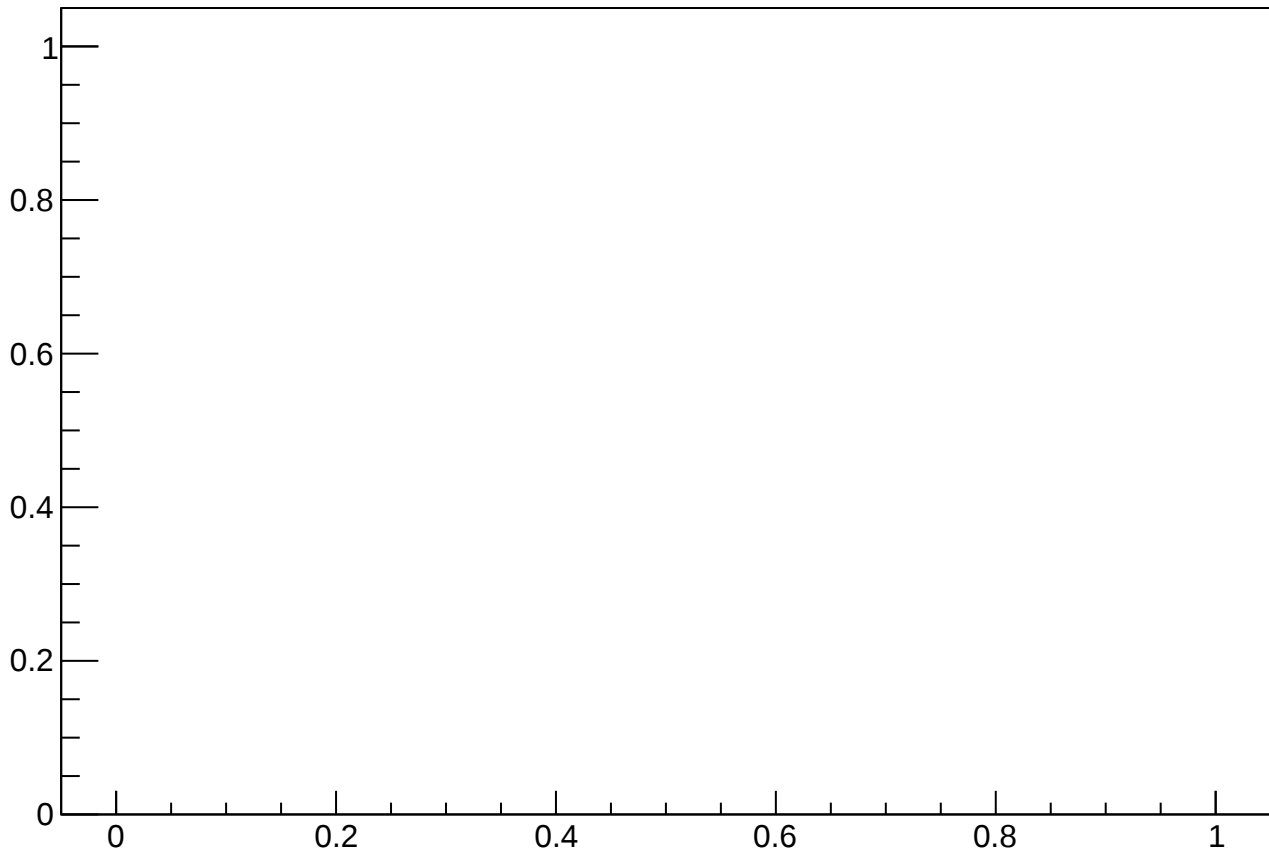
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

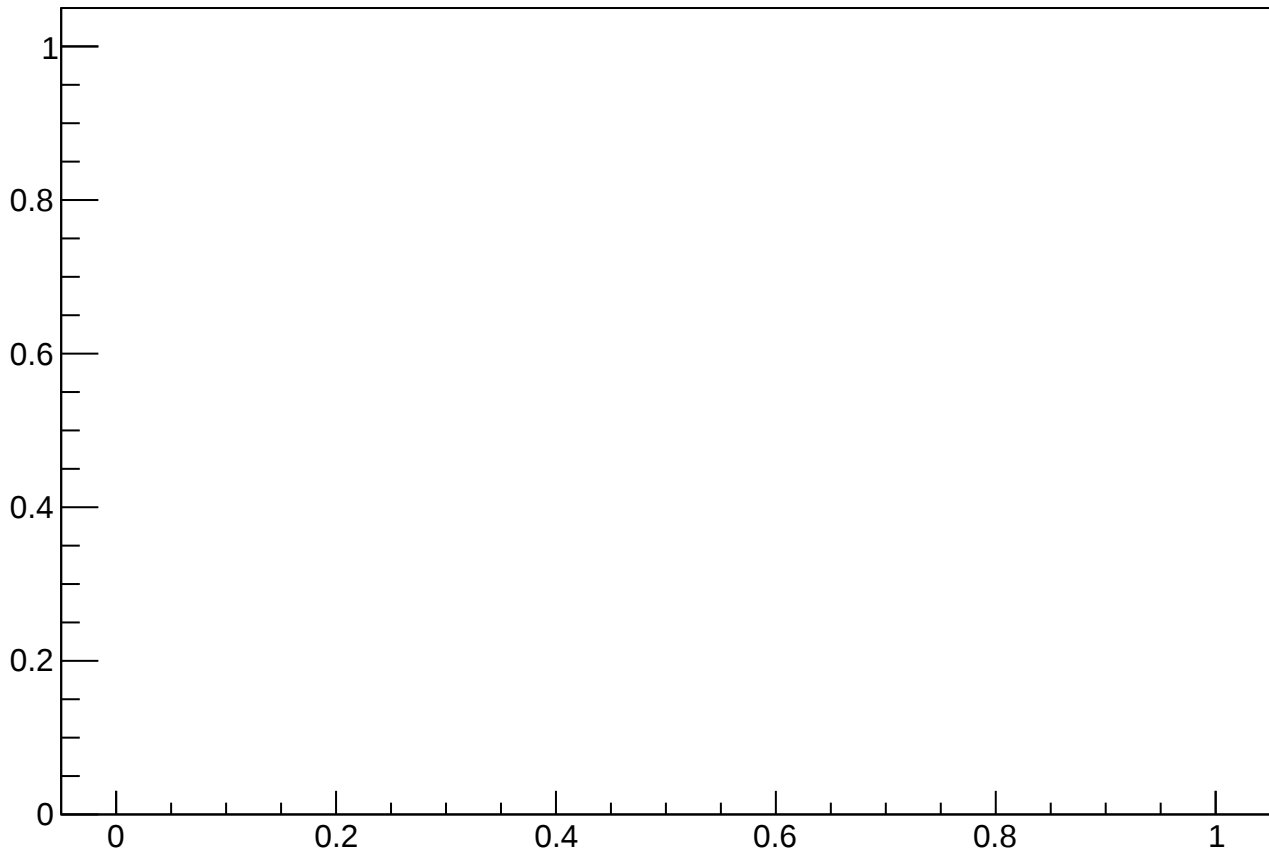
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_ds_ds3_avg_rms vs slug



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

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

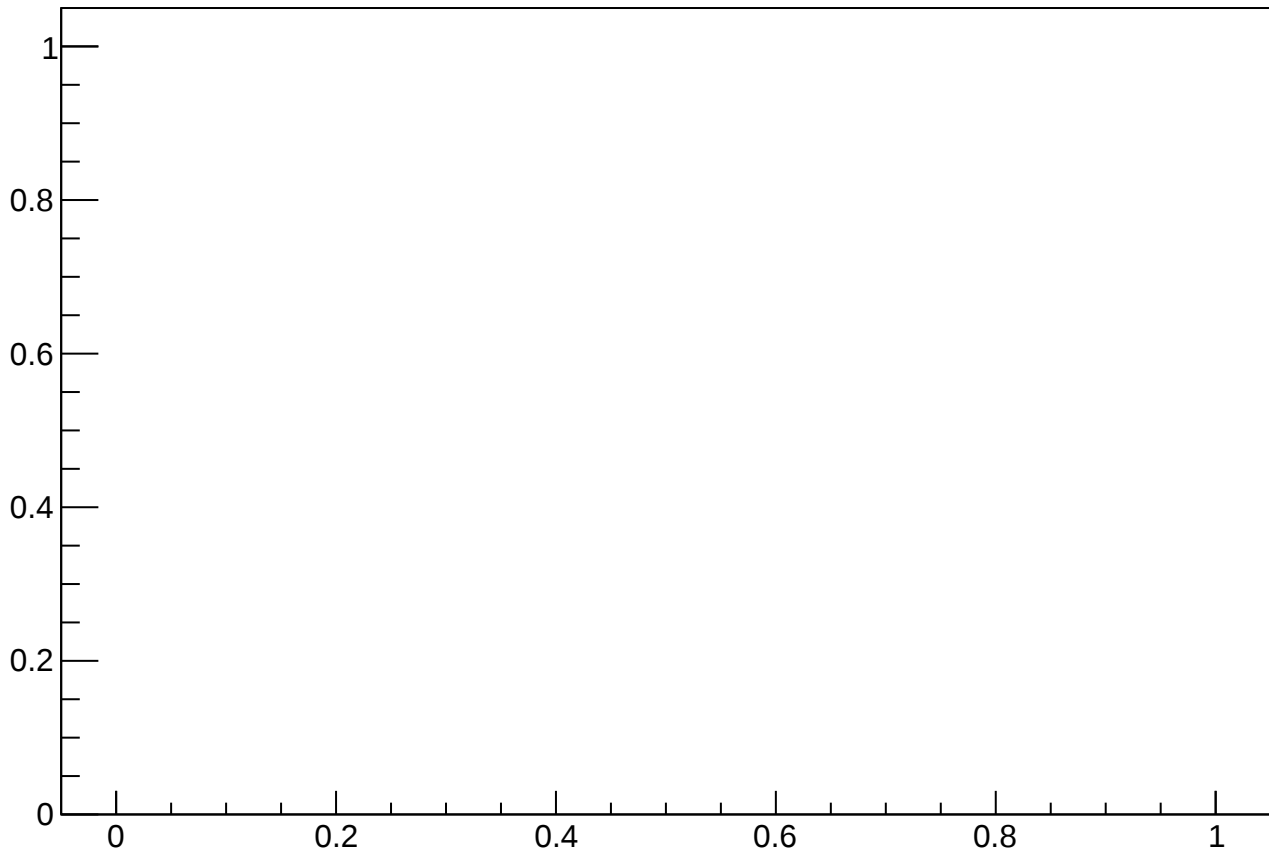
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

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

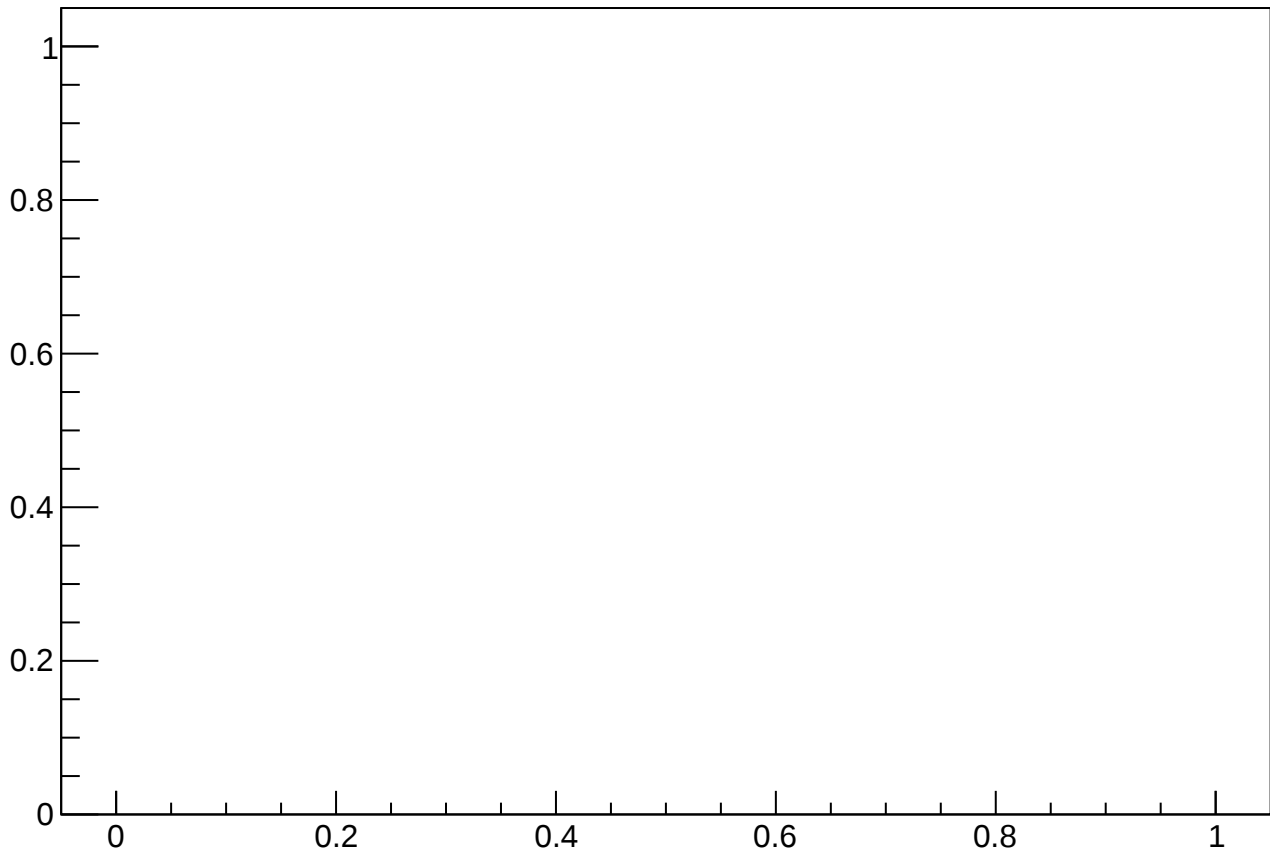
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_rms vs slug



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

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

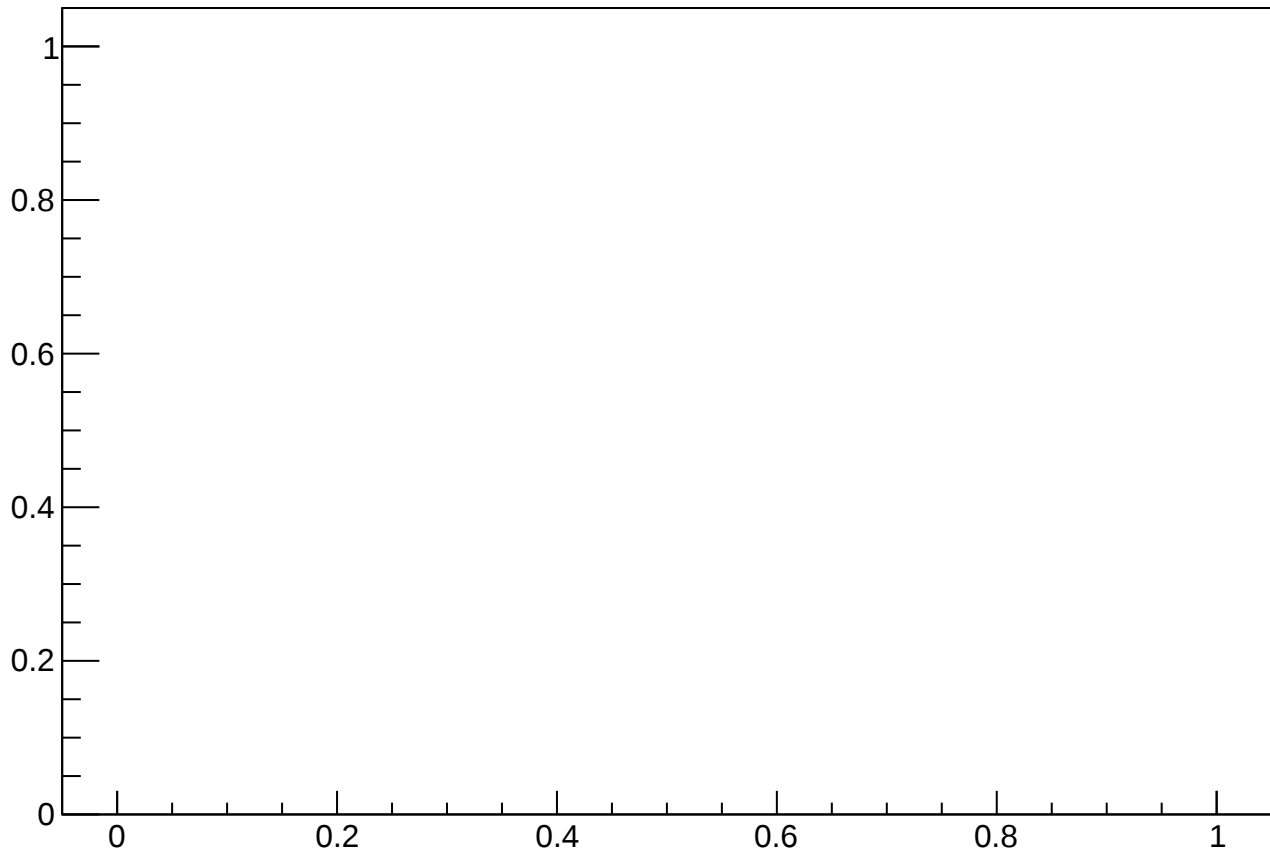
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



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

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

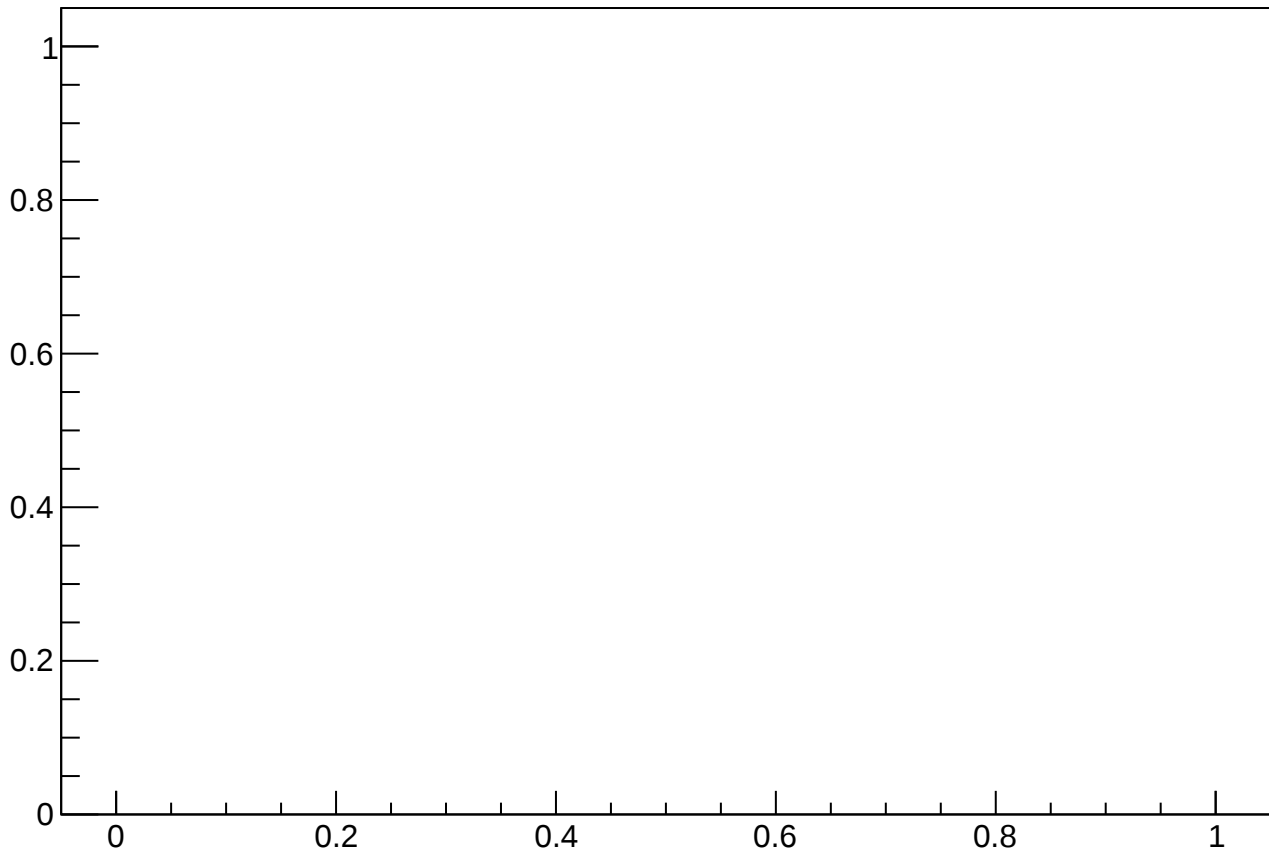
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_rms vs slug



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

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

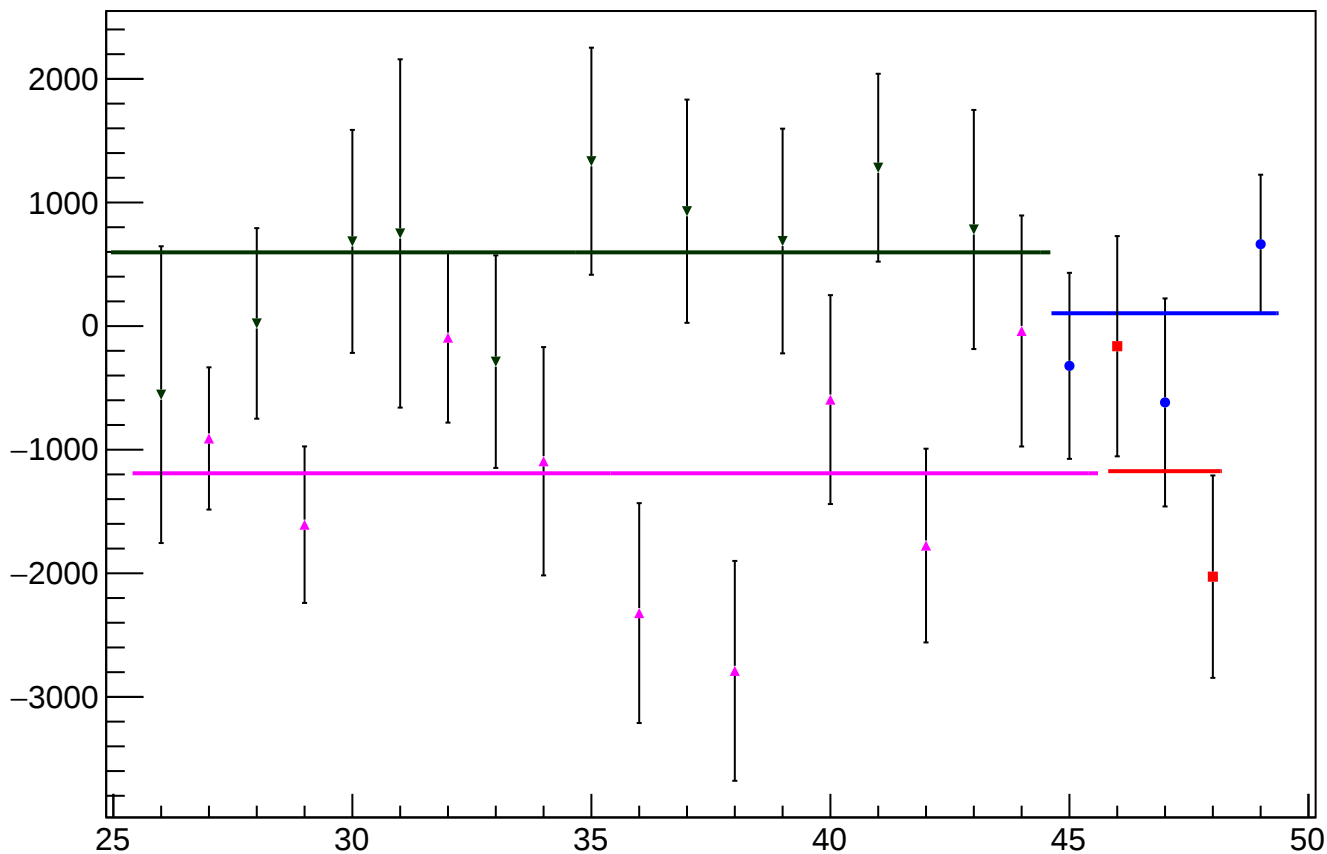
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: 103.922+/-397.001 χ^2/NDF : 2.0/2

Left Out: 596.646+/-290.082 χ^2/NDF : 4.2/9

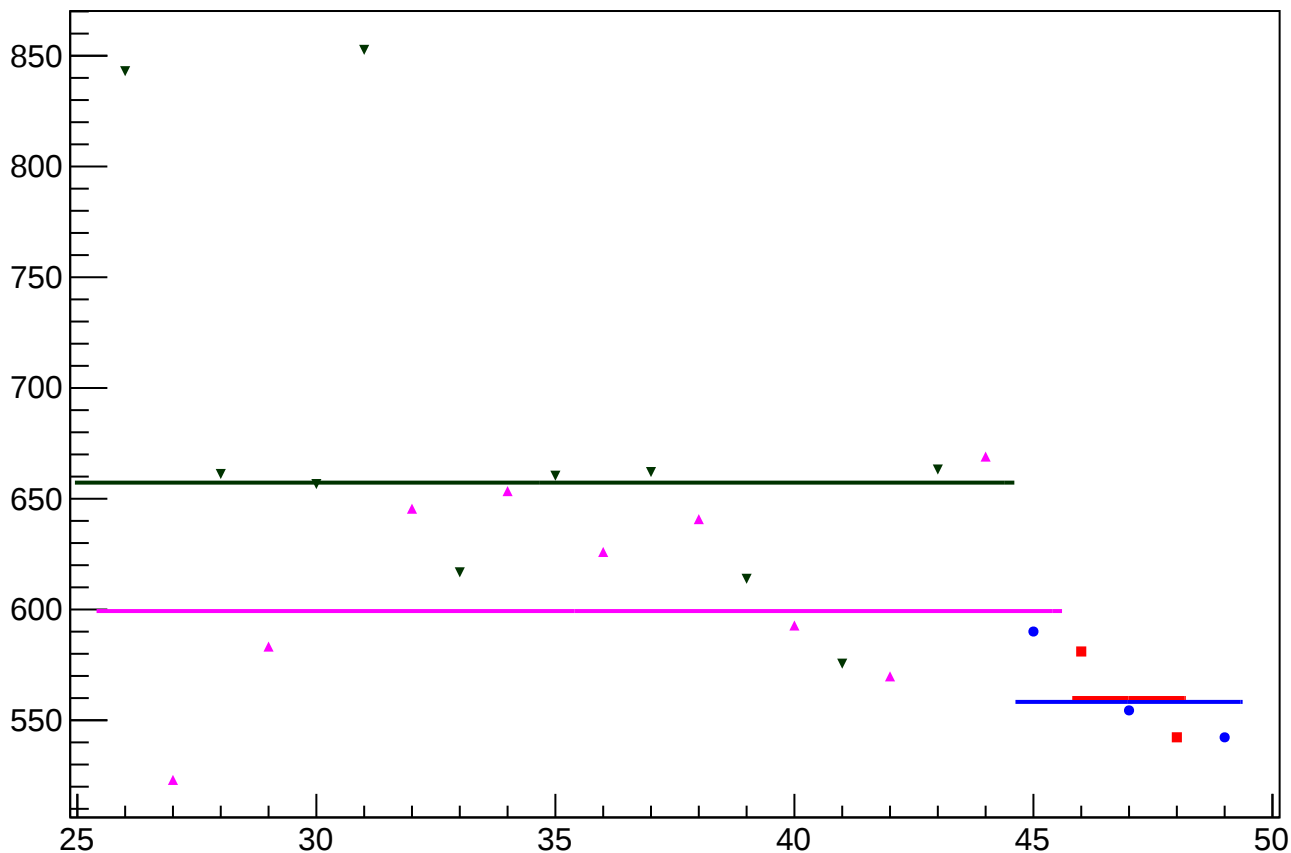
Right Out: -1173.589+/-602.805 χ^2/NDF : 2.4/1

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

425.145+/-234.219 χ^2/NDF : 7.2/12

-1188.125+/-234.046 χ^2/NDF : 13.0/10

asym_left_avg_rms vs slug



Right In: 558.284+/-0.281 χ^2/NDF : 5227.1/2

Left Out: 657.280+/-0.205 χ^2/NDF :118673.7/9

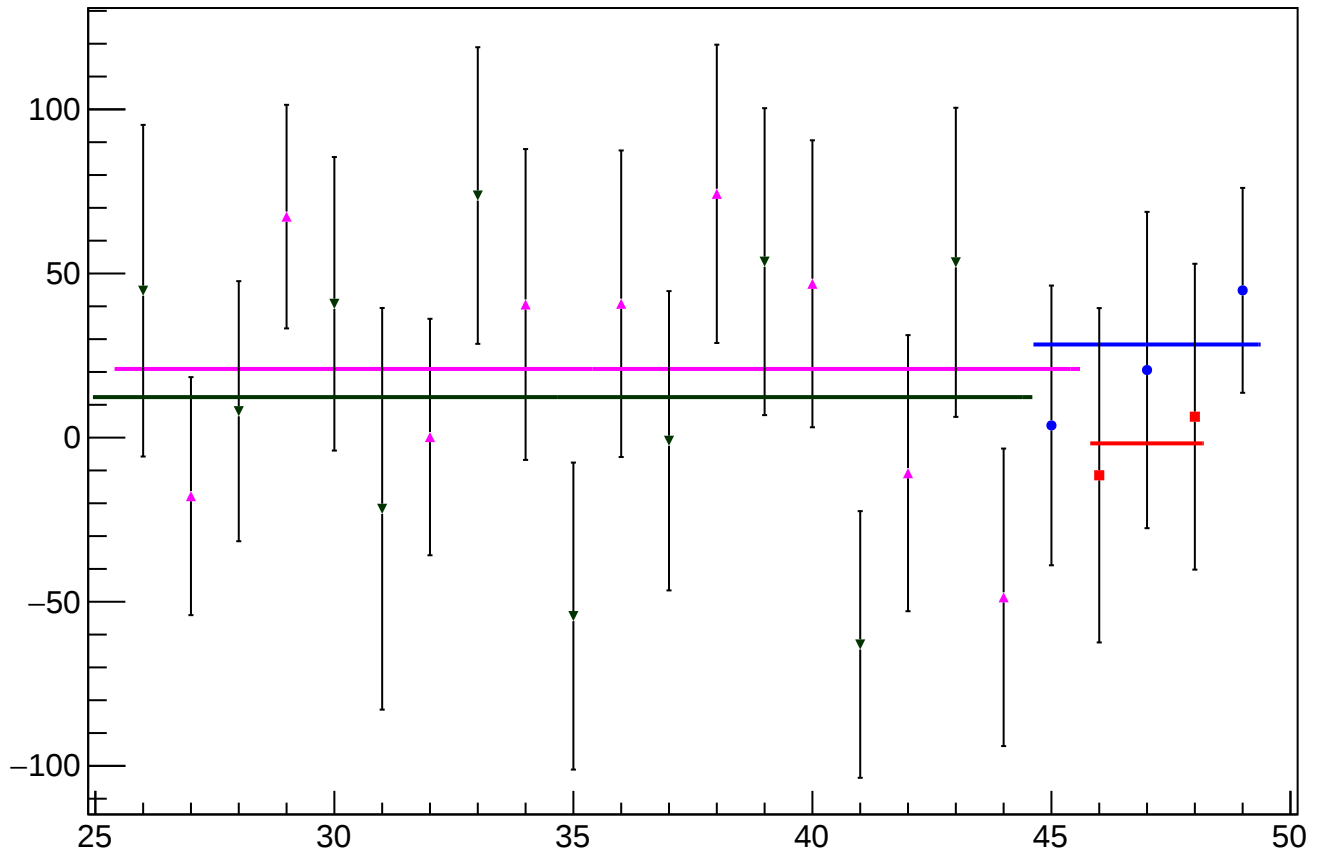
Right Out: 560.037+/-0.426 χ^2/NDF : 2050.7/1

Left In: 599.296+/-0.180 χ^2/NDF :72545.0/8

622.823+/-0.166 χ^2/NDF : 204976.1/12

593.377+/-0.165 χ^2/NDF : 81800.1/10

asym_left_dd_mean vs slug



Right In: 28.374 $\pm$ 22.315 χ^2 /NDF: 0.6/2

Left Out: 12.342 $\pm$ 14.526 χ^2 /NDF:10.1/9

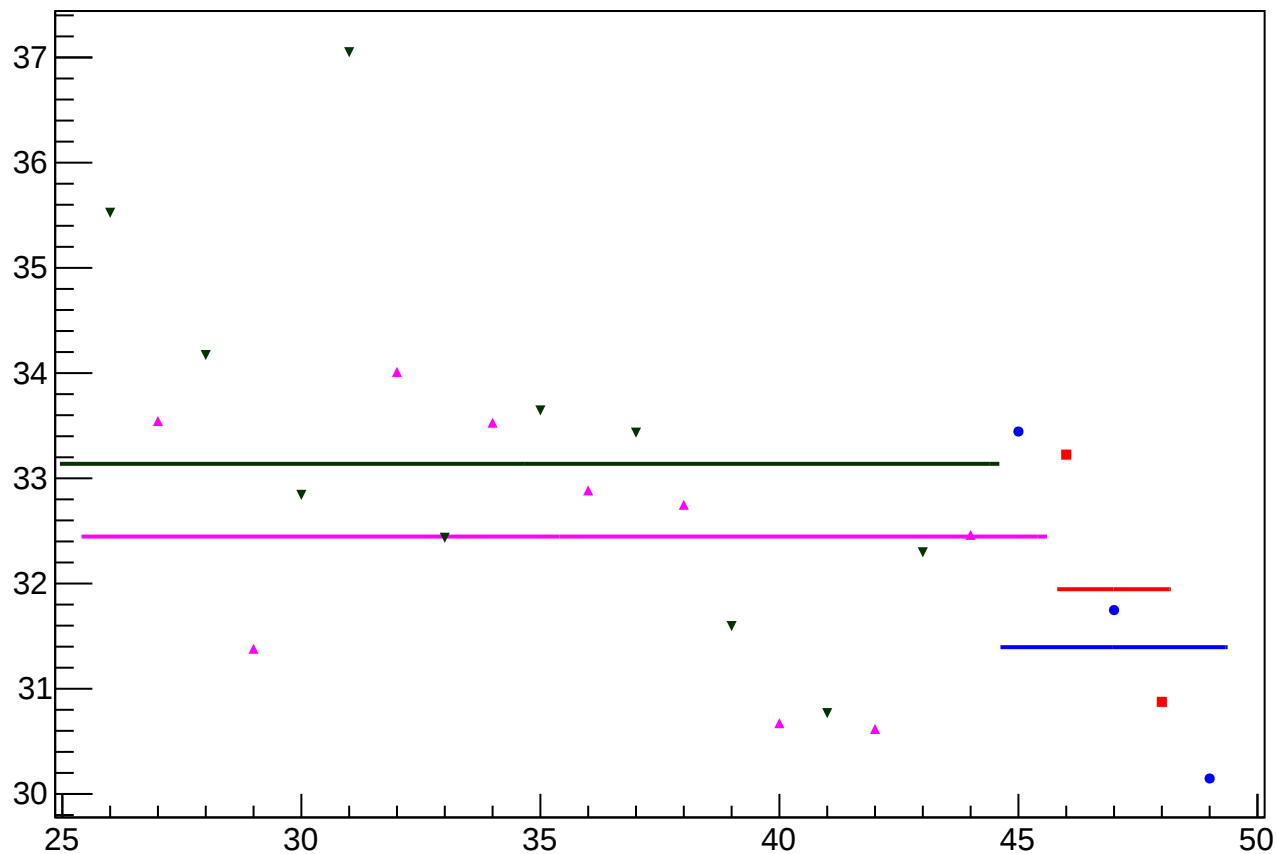
Right Out: -1.755 $\pm$ 34.375 χ^2 /NDF: 0.1/1

Left In: 20.920 $\pm$ 13.661 χ^2 /NDF:8.3/8

17.113 $\pm$ 12.174 χ^2 /NDF: 11.1/12

17.827 $\pm$ 12.695 χ^2 /NDF: 8.8/10

asym_left_dd_rms vs slug



Right In: 31.395+/-0.016 χ^2/NDF : 7933.0/2

Left Out: 33.138+/-0.010 χ^2/NDF : 24511.4/9

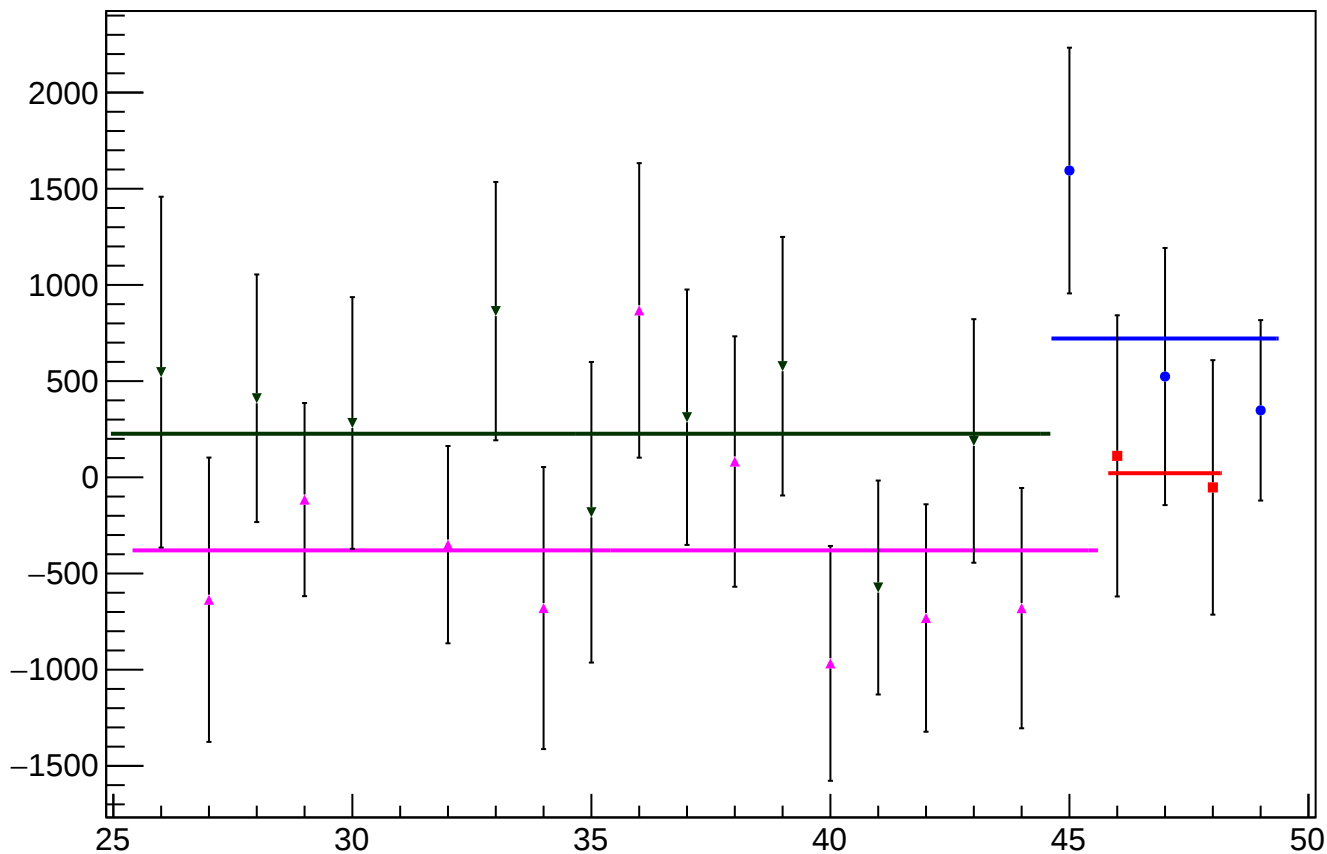
Right Out: 31.946+/-0.024 χ^2/NDF : 2317.4/1

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.619+/-0.009 χ^2/NDF : 41012.4/12

32.378+/-0.009 χ^2/NDF : 18637.7/10

asym_right_avg_mean vs slug



Right In: 721.469+/-329.006 χ^2/NDF : 2.6/2

Left Out: 226.455+/-223.469 χ^2/NDF : 3.7/8

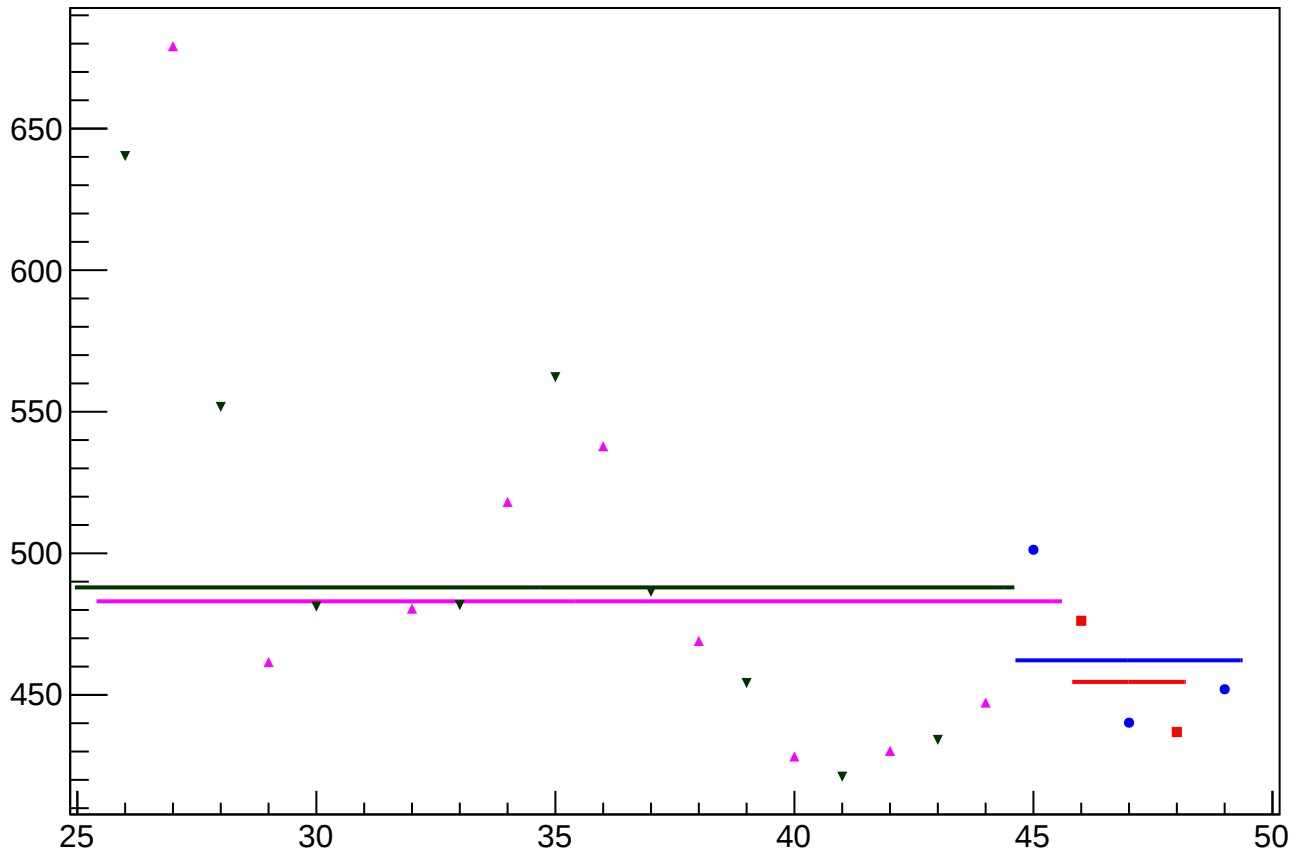
Right Out: 21.346+/-490.394 χ^2/NDF : 0.0/1

Left In: -379.789+/-205.675 χ^2/NDF : 5.2/8

382.731+/-184.859 χ^2/NDF : 7.9/11

-319.783+/-189.669 χ^2/NDF : 5.8/10

asym_right_avg_rms vs slug



Right In: 462.210 ± 0.233 χ^2/NDF : 10597.9/2

Left Out: 487.967 ± 0.158 χ^2/NDF : 142313.3/8

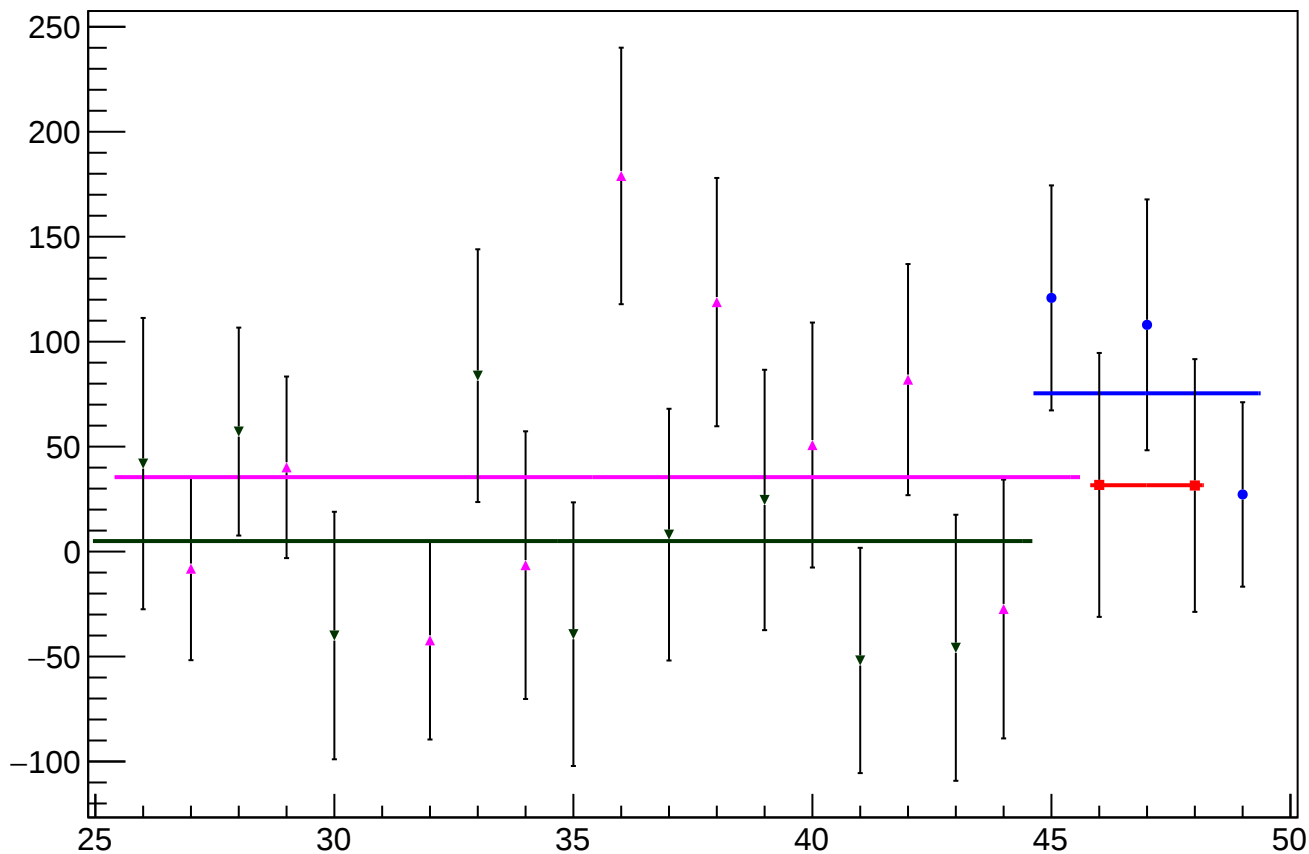
Right Out: 454.586 ± 0.347 χ^2/NDF : 3177.4/1

Left In: 483.059 ± 0.145 χ^2/NDF : 198865.1/8

479.835 ± 0.131 χ^2/NDF : 161299.2/11

478.799 ± 0.134 χ^2/NDF : 207775.9/10

asym_right_dd_mean vs slug



Right In: 75.400+/-29.536 χ^2/NDF : 2.2/2

Left Out: 5.008+/-19.738 χ^2/NDF : 6.1/8

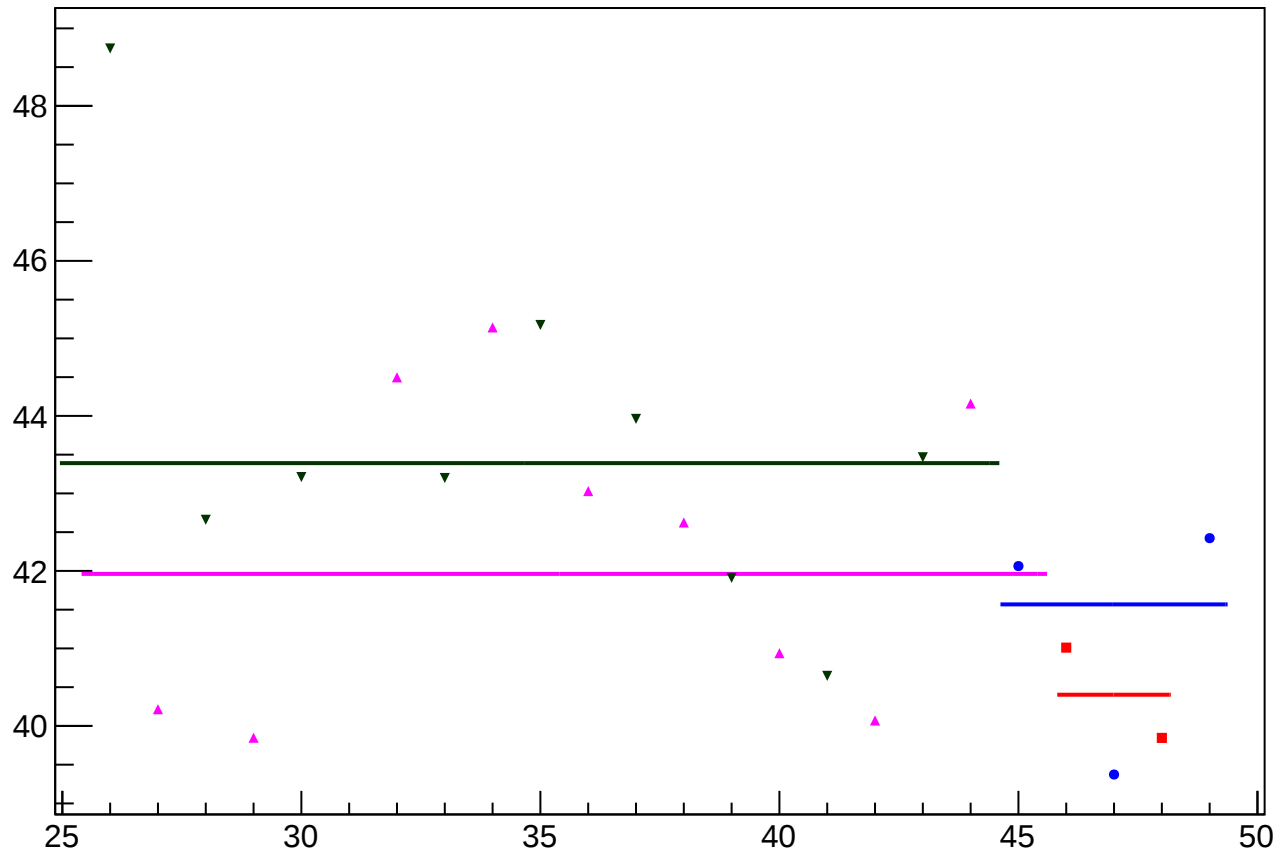
Right Out: 31.613+/-43.481 χ^2/NDF : 0.0/1

Left In: 35.466+/-17.692 χ^2/NDF : 13.5/8

26.739+/-16.411 χ^2/NDF : 12.2/11

34.919+/-16.387 χ^2/NDF : 13.5/10

asym_right_dd_rms vs slug



Right In: 41.568 ± 0.021 χ^2/NDF : 3625.7/2

Left Out: 43.391 ± 0.014 χ^2/NDF : 20529.6/8

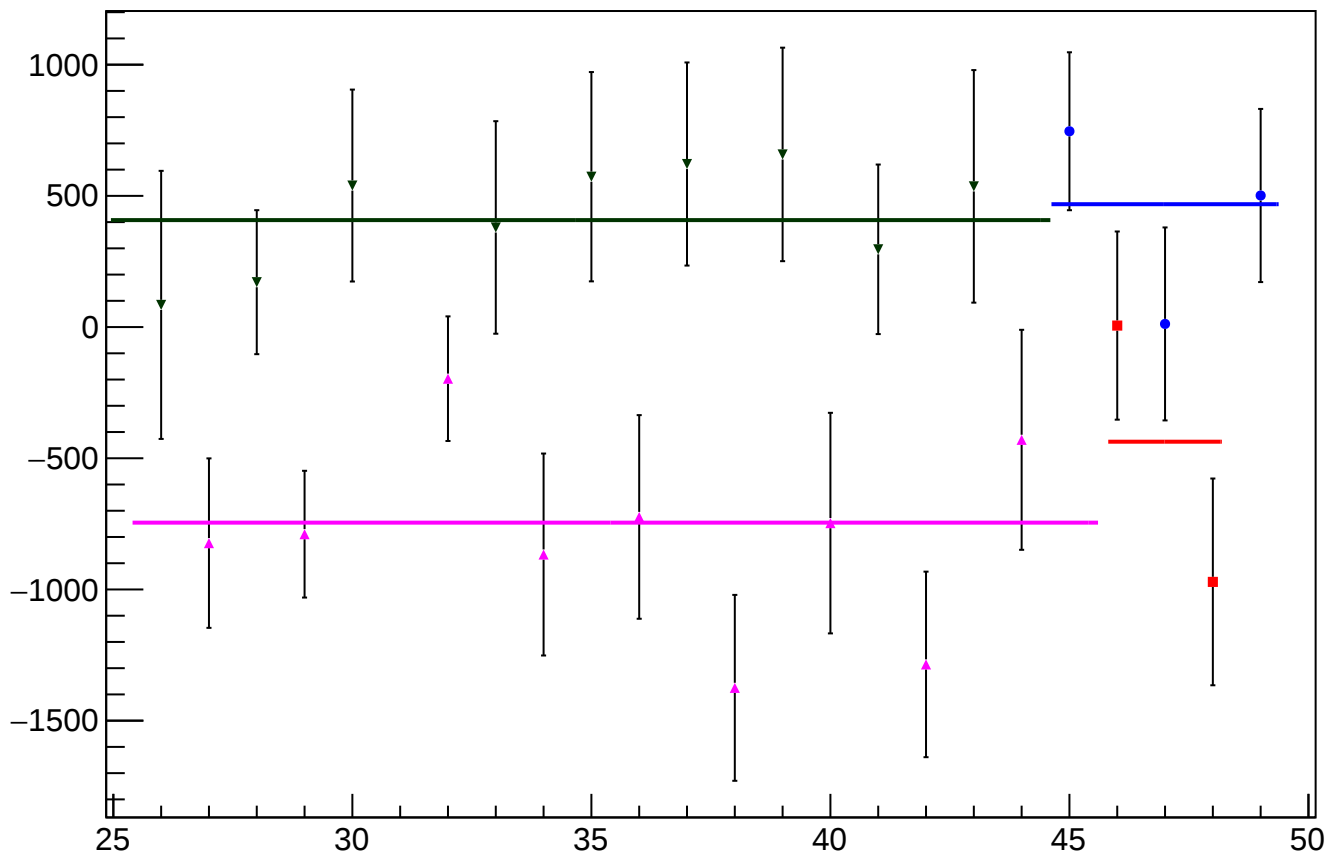
Right Out: 40.403 ± 0.031 χ^2/NDF : 358.0/1

Left In: 41.961 ± 0.013 χ^2/NDF : 25099.5/8

42.828 ± 0.012 χ^2/NDF : 29419.7/11

41.740 ± 0.012 χ^2/NDF : 27663.0/10

asym_us_avg_mean vs slug



Right In: 468.258 ± 190.271 $\chi^2/\text{NDF}: 2.4/2$

Left Out: 407.654 ± 124.646 $\chi^2/\text{NDF}: 2.3/8$

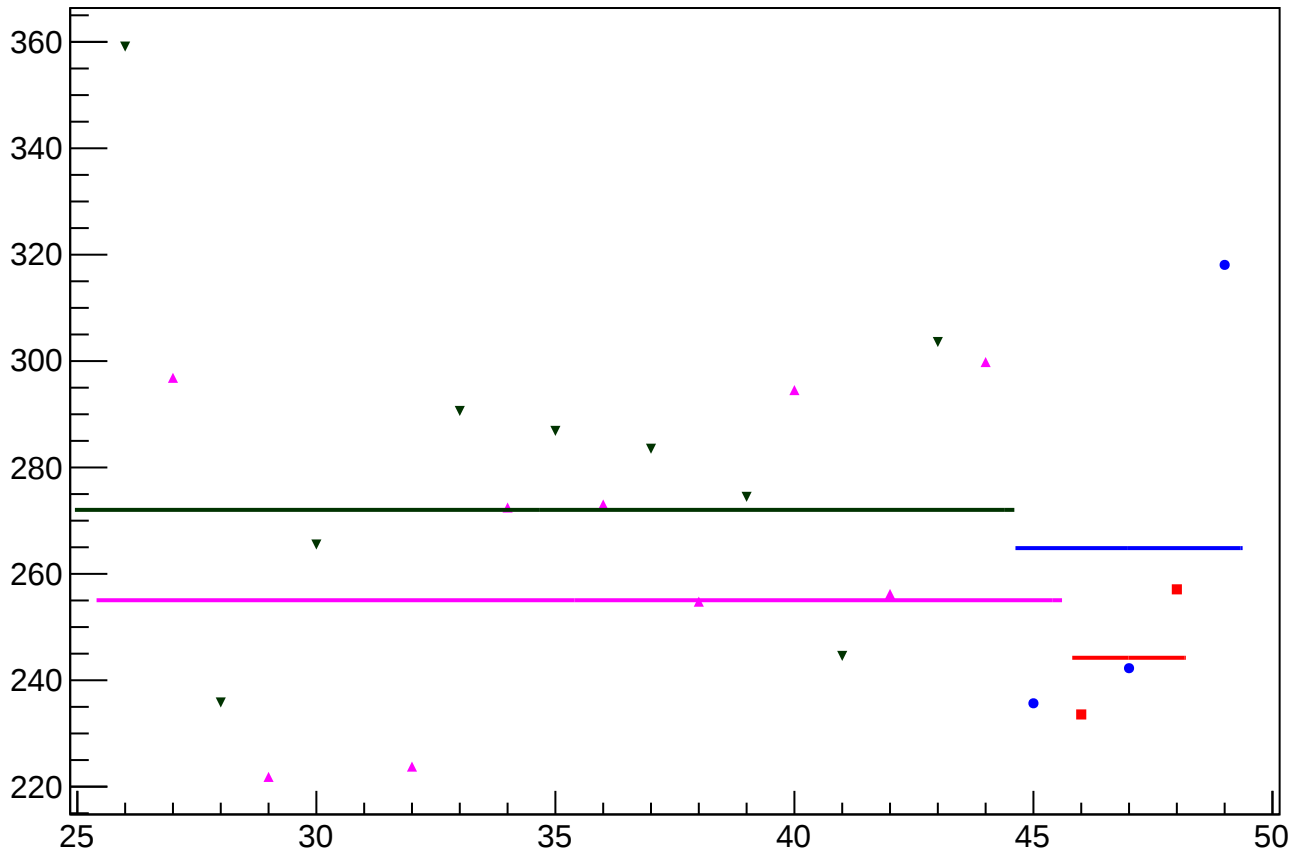
Right Out: -436.880 ± 265.186 $\chi^2/\text{NDF}: 3.4/1$

Left In: -745.341 ± 108.352 $\chi^2/\text{NDF}: 11.6/8$

425.853 ± 104.265 $\chi^2/\text{NDF}: 4.8/11$

-701.212 ± 100.303 $\chi^2/\text{NDF}: 16.1/10$

asym_us_avg_rms vs slug



Right In: 264.841 ± 0.135 χ^2/NDF : 78398.1/2

Left Out: 272.030 ± 0.088 χ^2/NDF : 126979.0/8

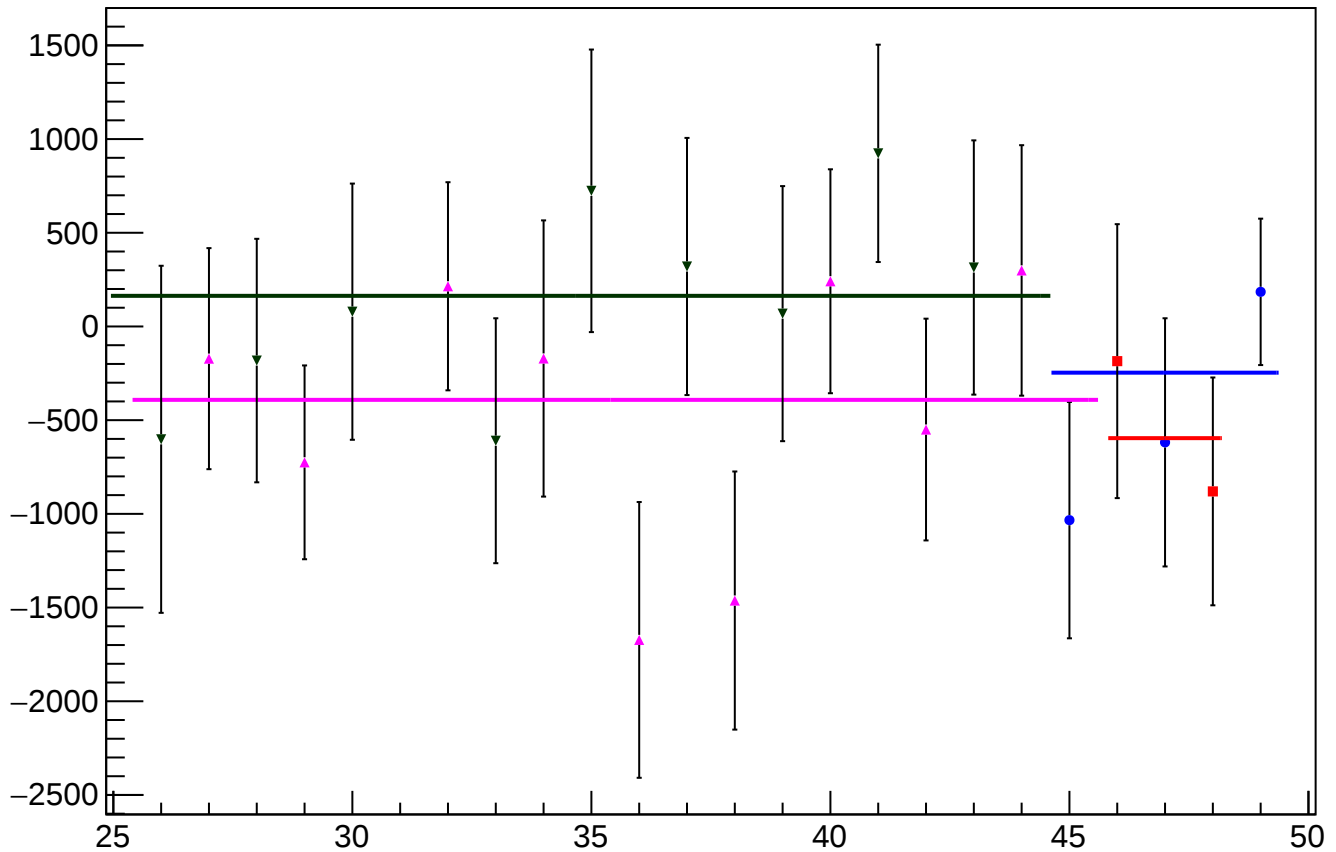
Right Out: 244.229 ± 0.188 χ^2/NDF : 3897.8/1

Left In: 255.044 ± 0.077 χ^2/NDF : 154932.2/8

269.871 ± 0.074 χ^2/NDF : 207374.6/11

253.497 ± 0.071 χ^2/NDF : 161681.0/10

asym_us_dd_mean vs slug



Right In: -246.551+/-296.842 χ^2/NDF : 3.1/2

Left Out: 163.472+/-228.189 χ^2/NDF : 4.8/8

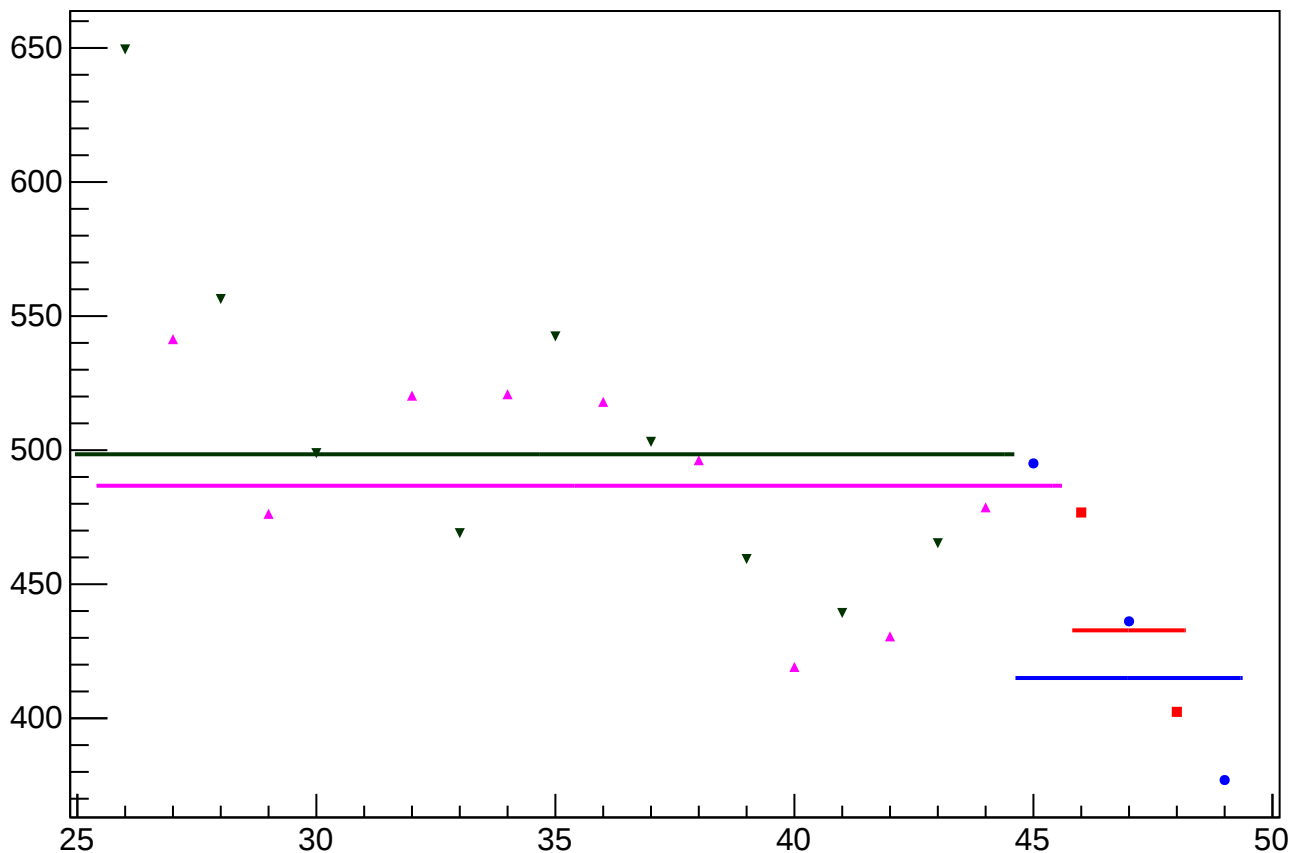
Right Out: -595.963+/-467.358 χ^2/NDF : 0.5/1

Left In: -391.603+/-206.064 χ^2/NDF : 9.5/8

11.174+/-180.913 χ^2/NDF : 9.1/11

-424.865+/-188.550 χ^2/NDF : 10.2/10

asym_us_dd_rms vs slug



Right In: 415.017+/-0.210 χ^2/NDF : 53236.4/2

Left Out: 498.461+/-0.161 χ^2/NDF : 112214.2/8

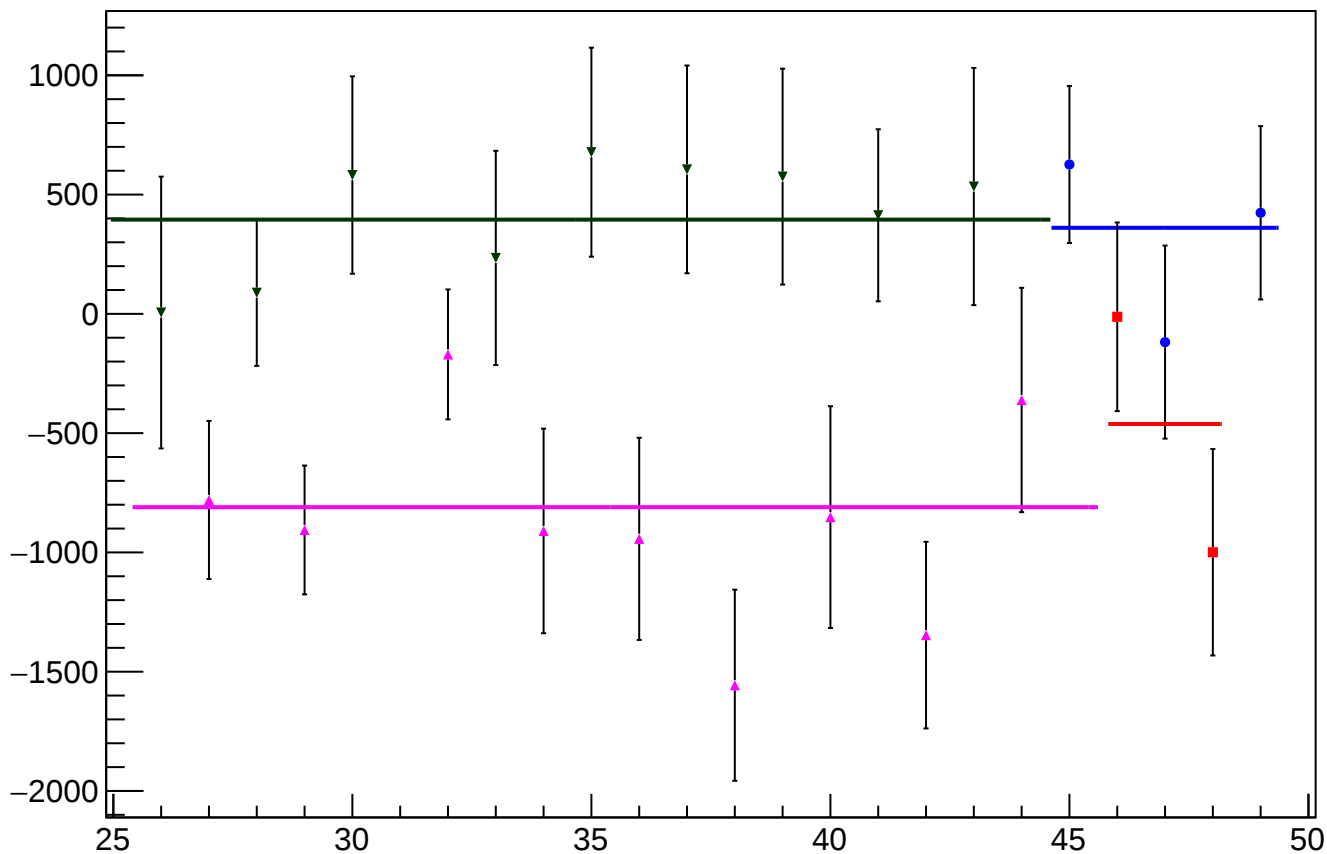
Right Out: 432.795+/-0.330 χ^2/NDF : 12233.2/1

Left In: 486.730+/-0.146 χ^2/NDF : 77533.3/8

467.467+/-0.128 χ^2/NDF : 264787.6/11

477.951+/-0.133 χ^2/NDF : 112067.4/10

asym_ds_avg_mean vs slug



Right In: 360.784 ± 208.884 $\chi^2/\text{NDF}: 2.1/2$

Left Out: 395.054 ± 139.188 $\chi^2/\text{NDF}: 2.7/8$

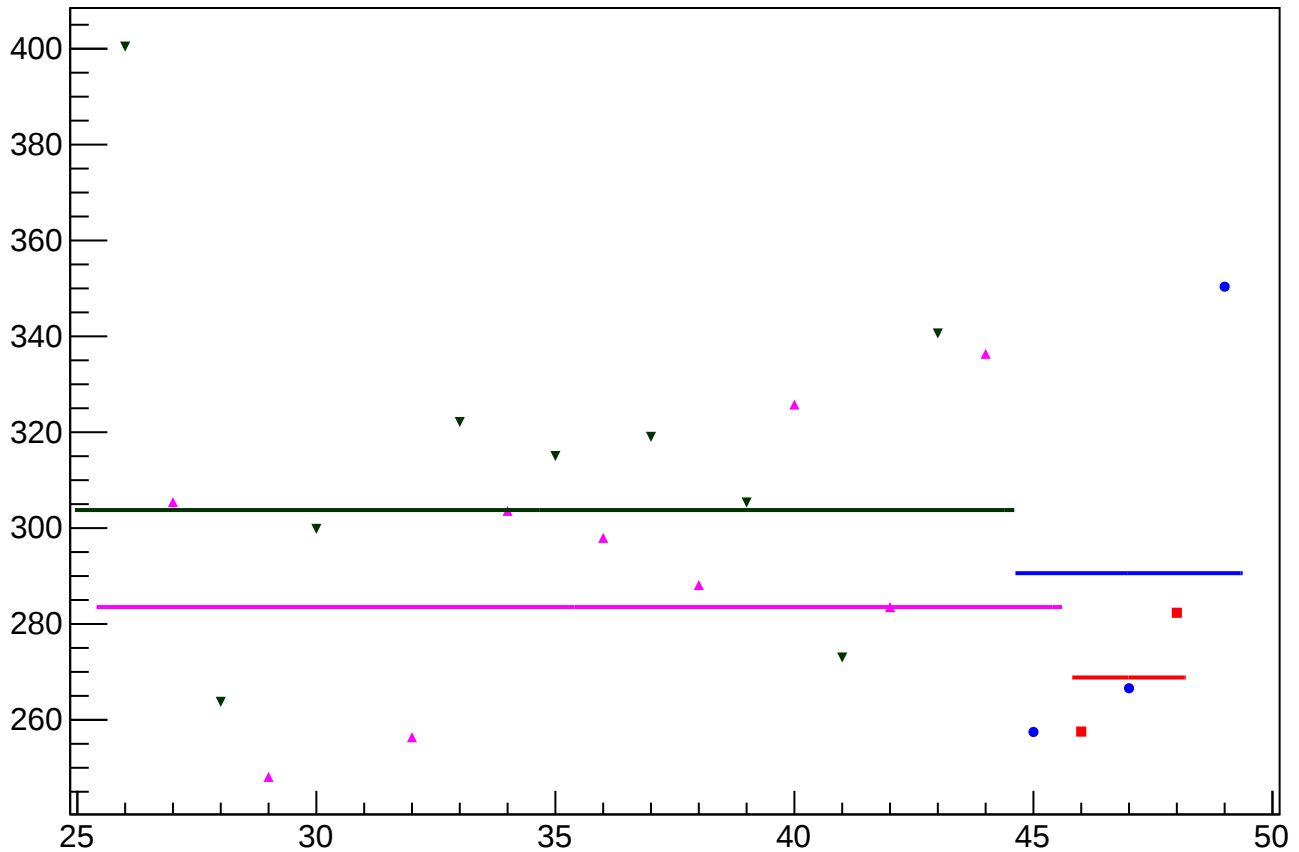
Right Out: -461.580 ± 291.922 $\chi^2/\text{NDF}: 2.8/1$

Left In: -810.313 ± 120.172 $\chi^2/\text{NDF}: 12.1/8$

384.517 ± 115.829 $\chi^2/\text{NDF}: 4.8/11$

-759.780 ± 111.125 $\chi^2/\text{NDF}: 16.1/10$

asym_ds_avg_rms vs slug



Right In: 290.594+/-0.148 χ^2/NDF : 81411.1/2

Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

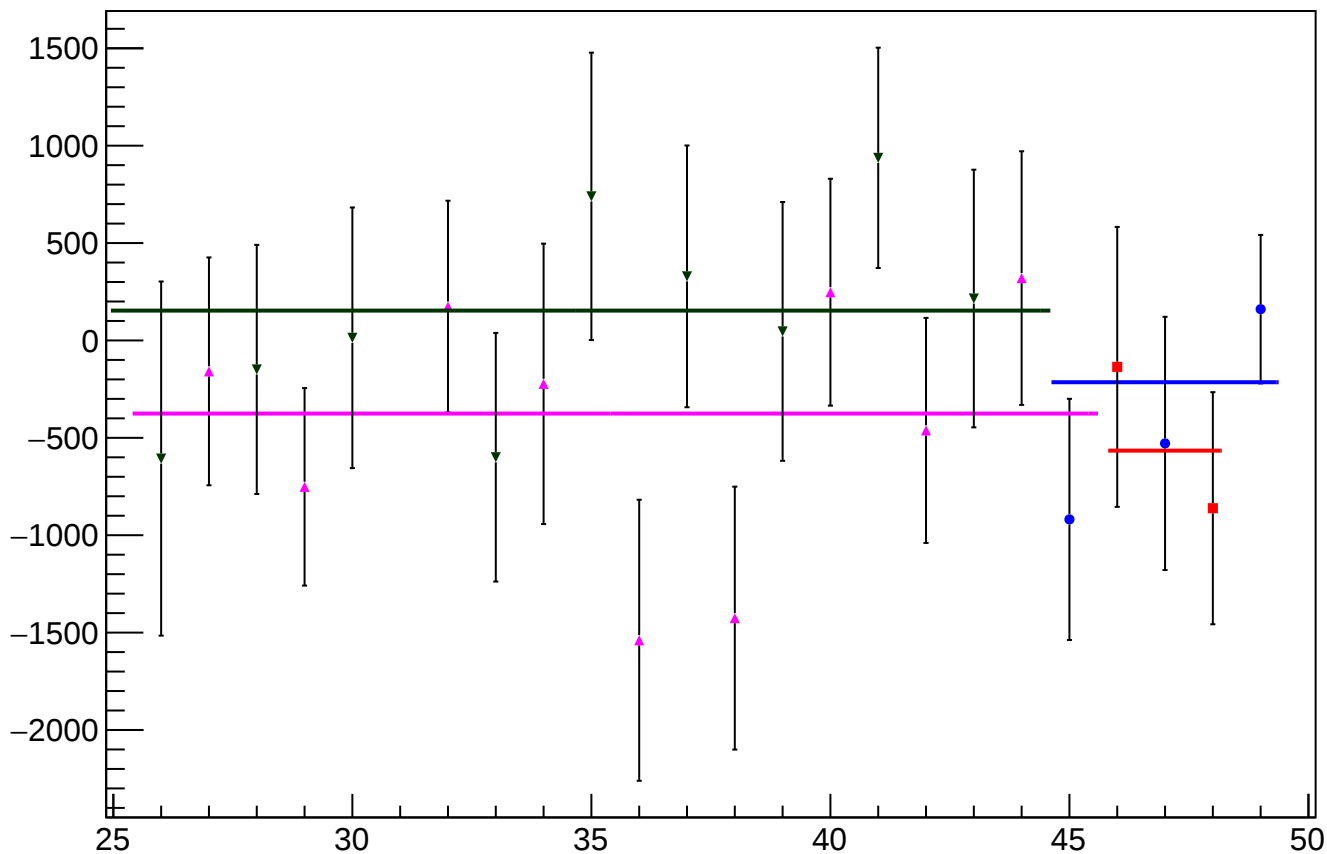
Right Out: 268.838+/-0.206 χ^2/NDF : 3575.1/1

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

299.715+/-0.082 χ^2/NDF : 211430.4/11

281.403+/-0.079 χ^2/NDF : 119685.4/10

asym_ds_dd_mean vs slug



Right In: -214.472 $\pm$ 290.395 χ^2/NDF : 2.5/2

Left Out: 153.259 $\pm$ 223.218 χ^2/NDF : 5.0/8

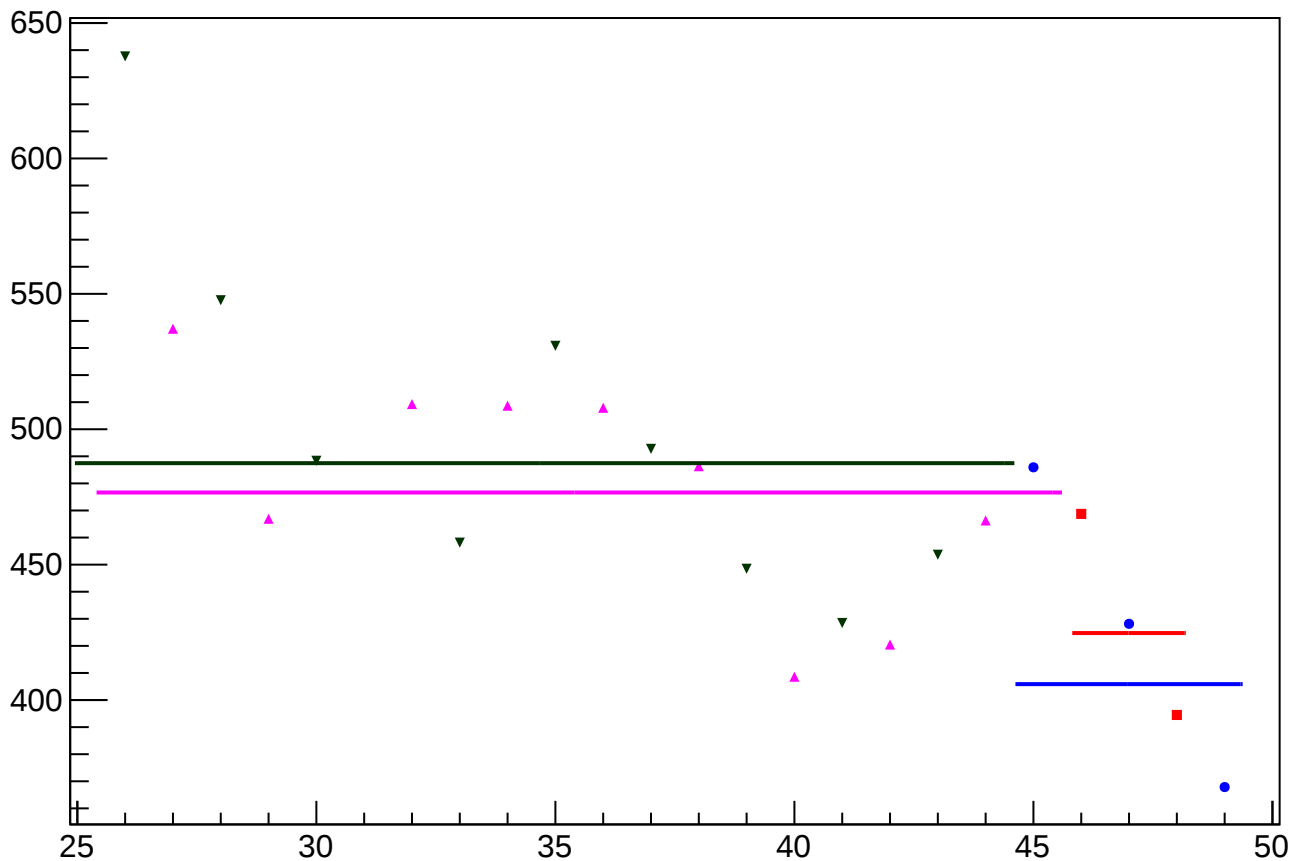
Right Out: -565.745 $\pm$ 458.716 χ^2/NDF : 0.6/1

Left In: -375.323 $\pm$ 201.839 χ^2/NDF : 9.1/8

16.681 $\pm$ 176.976 χ^2/NDF : 8.5/11

-406.210 $\pm$ 184.745 χ^2/NDF : 9.8/10

asym_ds_dd_rms vs slug



Right In: 405.875 ± 0.205 χ^2/NDF : 55689.5/2

Left Out: 487.474 ± 0.158 χ^2/NDF : 117424.5/8

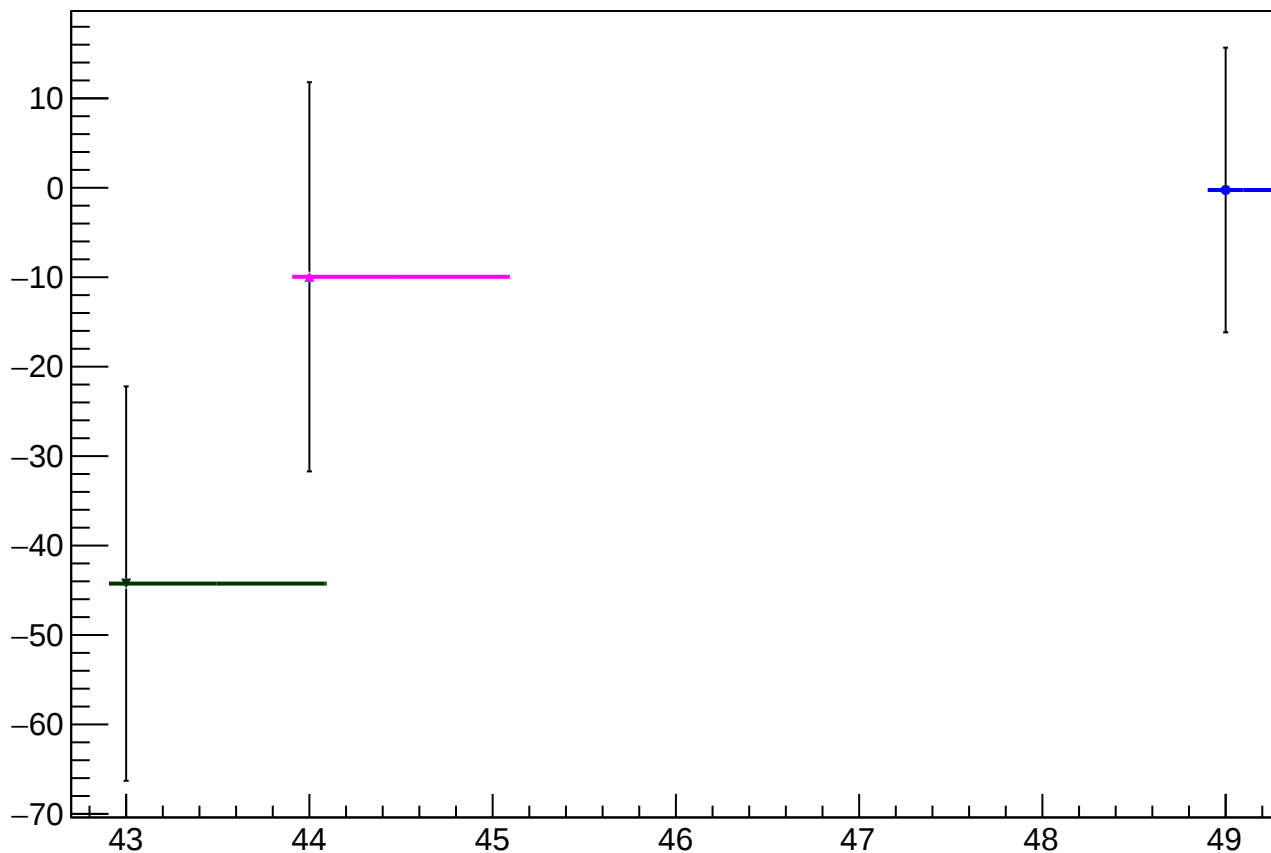
Right Out: 424.741 ± 0.324 χ^2/NDF : 12649.9/1

Left In: 476.643 ± 0.143 χ^2/NDF : 84134.8/8

457.167 ± 0.125 χ^2/NDF : 272376.7/11

468.224 ± 0.131 χ^2/NDF : 118236.0/10

bcm_an_us_ds_dd_mean vs slug



Right In: -0.249 $\pm$ 15.913 χ^2 /NDF: 0.0/0

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

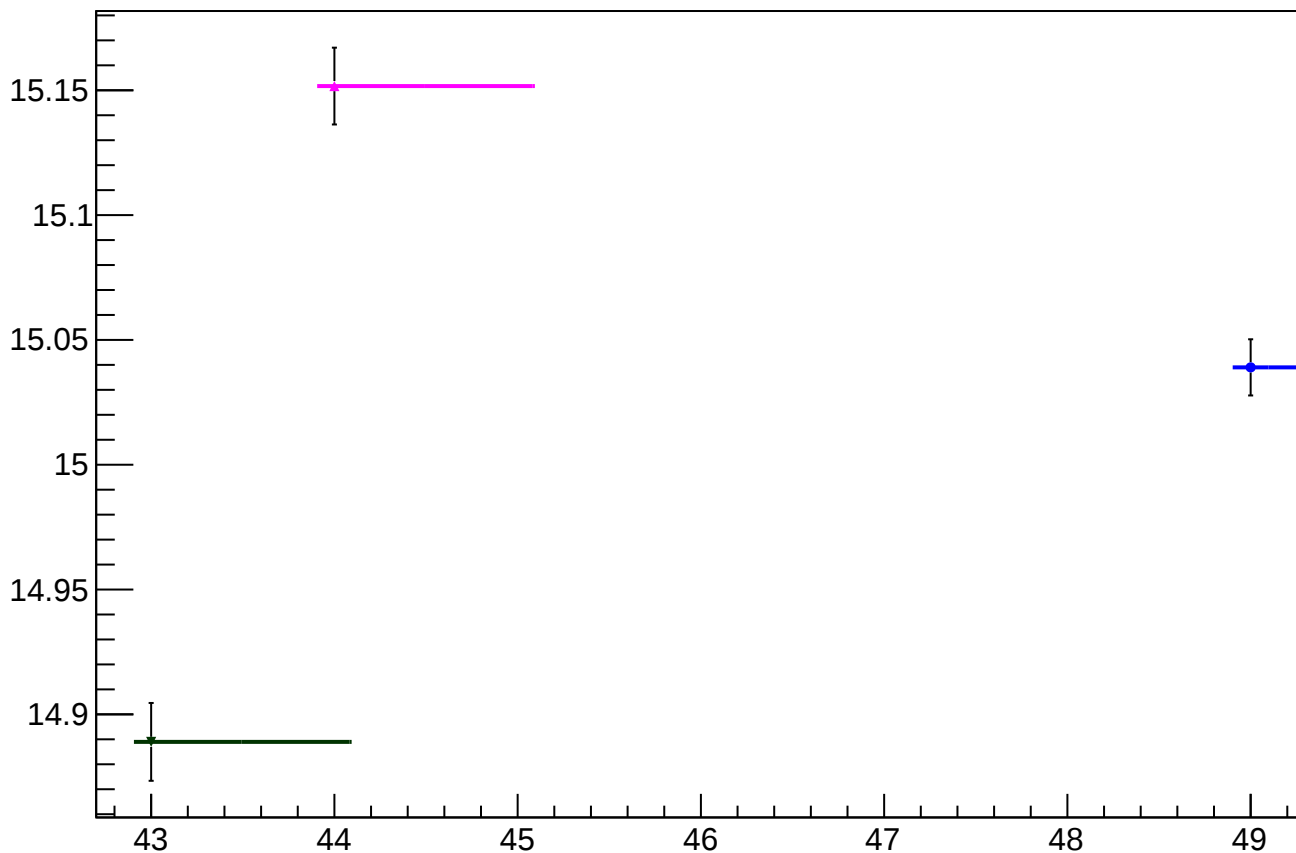
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-15.321 $\pm$ 12.903 χ^2 /NDF: 2.6/1

-9.952 $\pm$ 21.757 χ^2 /NDF: 0.0/0

bcm_an_us_ds_dd_rms vs slug



Right In: 15.039 $\pm$ 0.011 χ^2 /NDF: 0.0/0

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

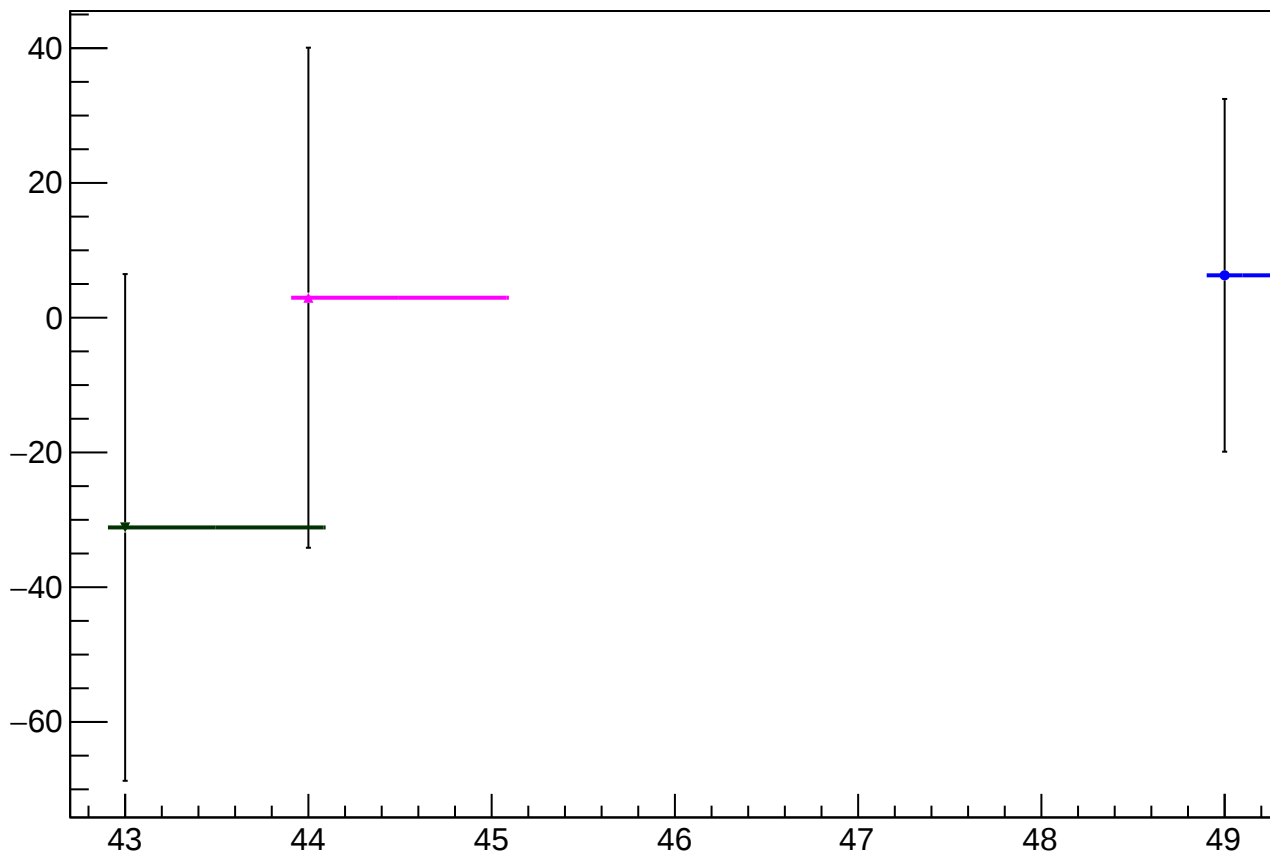
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

14.988 $\pm$ 0.009 χ^2 /NDF: 60.9/1

15.152 $\pm$ 0.015 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs slug



Right In: 6.288 $\pm$ 26.177 χ^2/NDF : 0.0/0

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

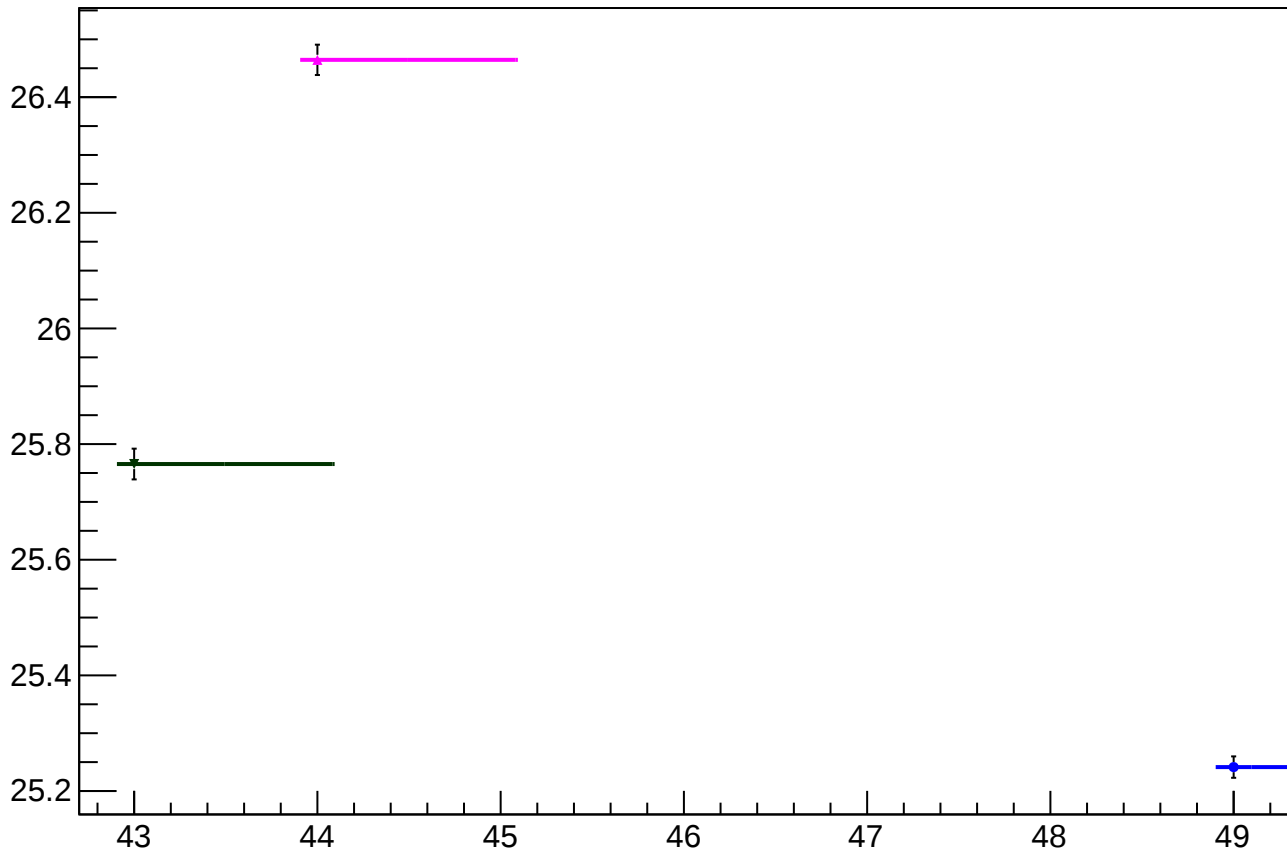
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

-5.926 $\pm$ 21.484 χ^2/NDF : 0.7/1

2.964 $\pm$ 37.111 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs slug



Right In: 25.241 $\pm$ 0.019 χ^2/NDF : 0.0/0

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

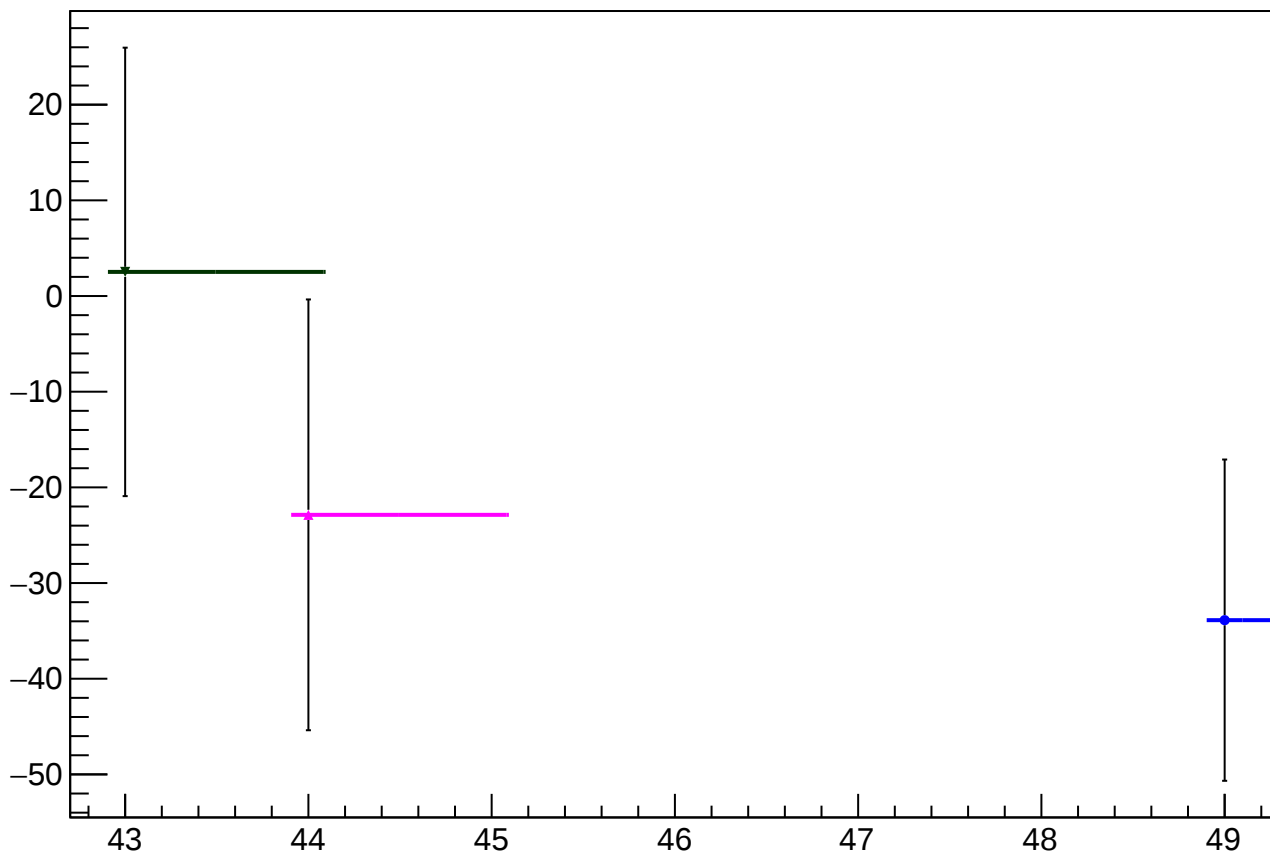
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

25.412 $\pm$ 0.015 χ^2/NDF : 261.7/1

26.465 $\pm$ 0.026 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -33.880 $\pm$ 16.790 χ^2 /NDF: 0.0/0

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

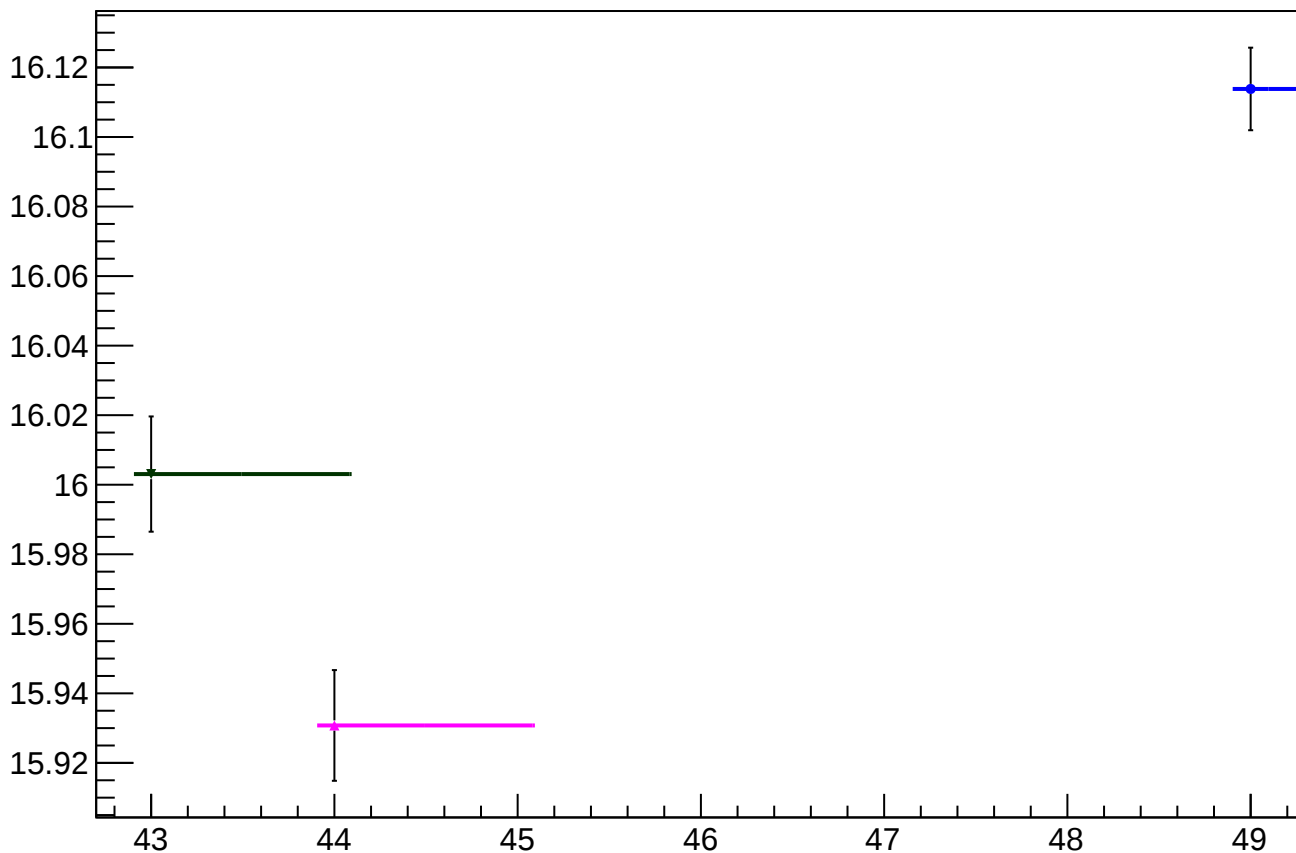
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-21.534 $\pm$ 13.649 χ^2 /NDF: 1.6/1

-22.872 $\pm$ 22.514 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.114+/-0.012 χ^2 /NDF: 0.0/0

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

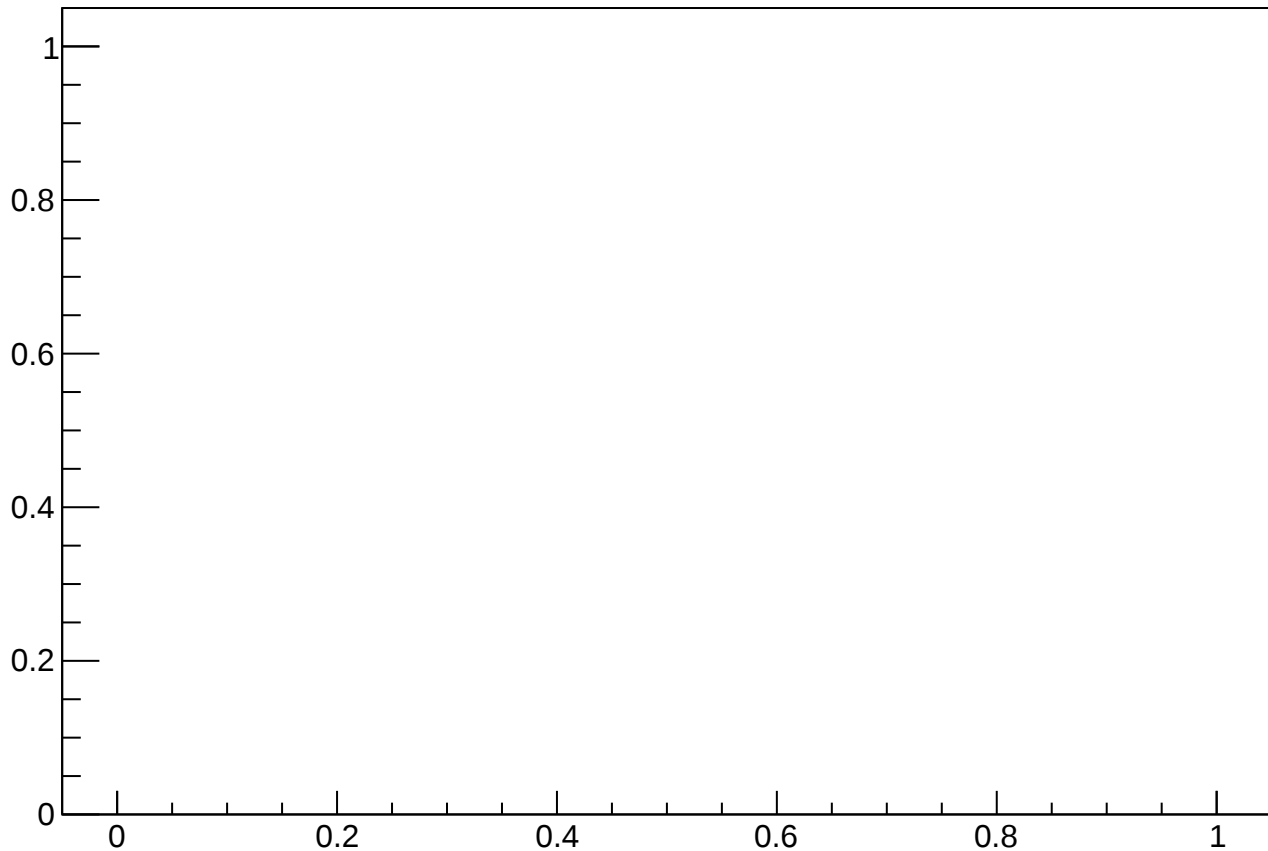
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

16.076+/-0.010 χ^2 /NDF: 29.5/1

15.931+/-0.016 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd_mean vs slug



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

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

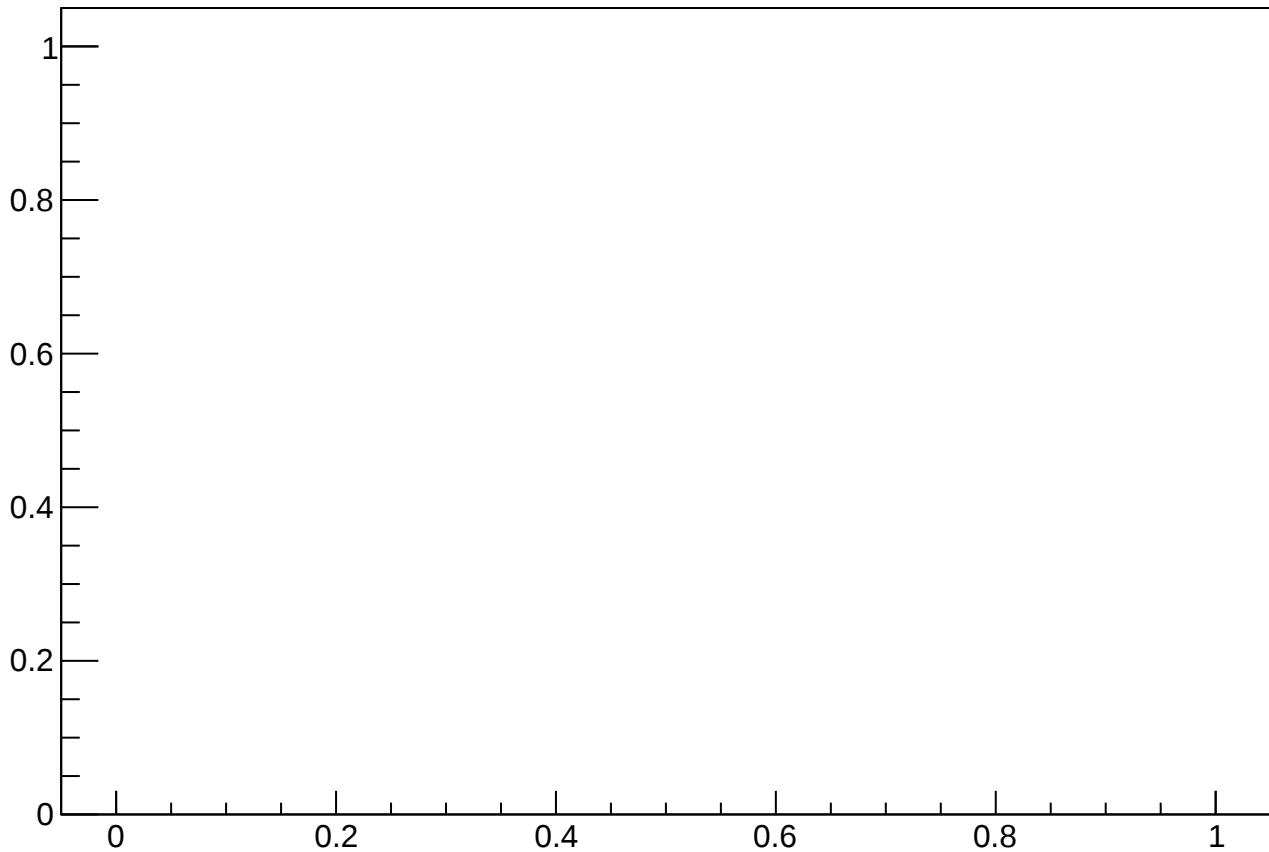
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

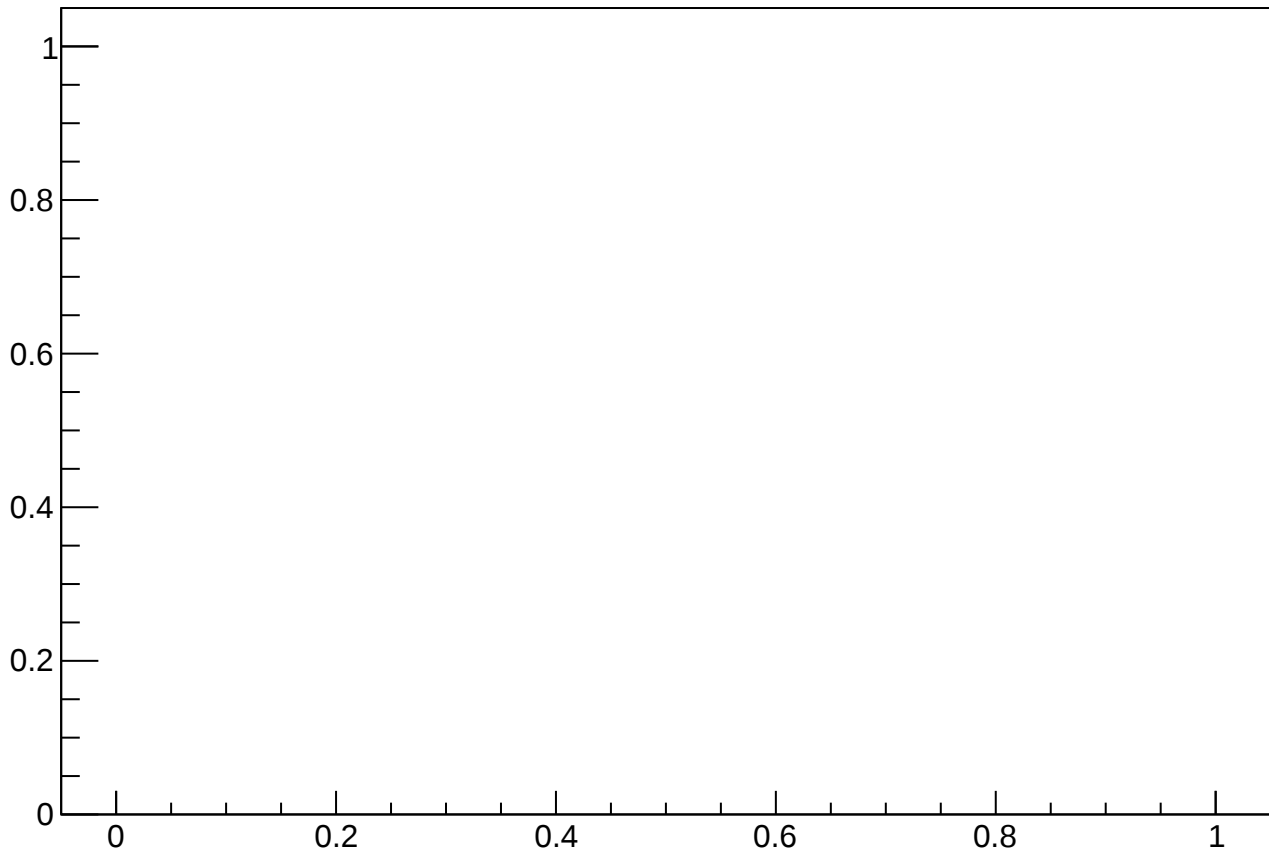
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

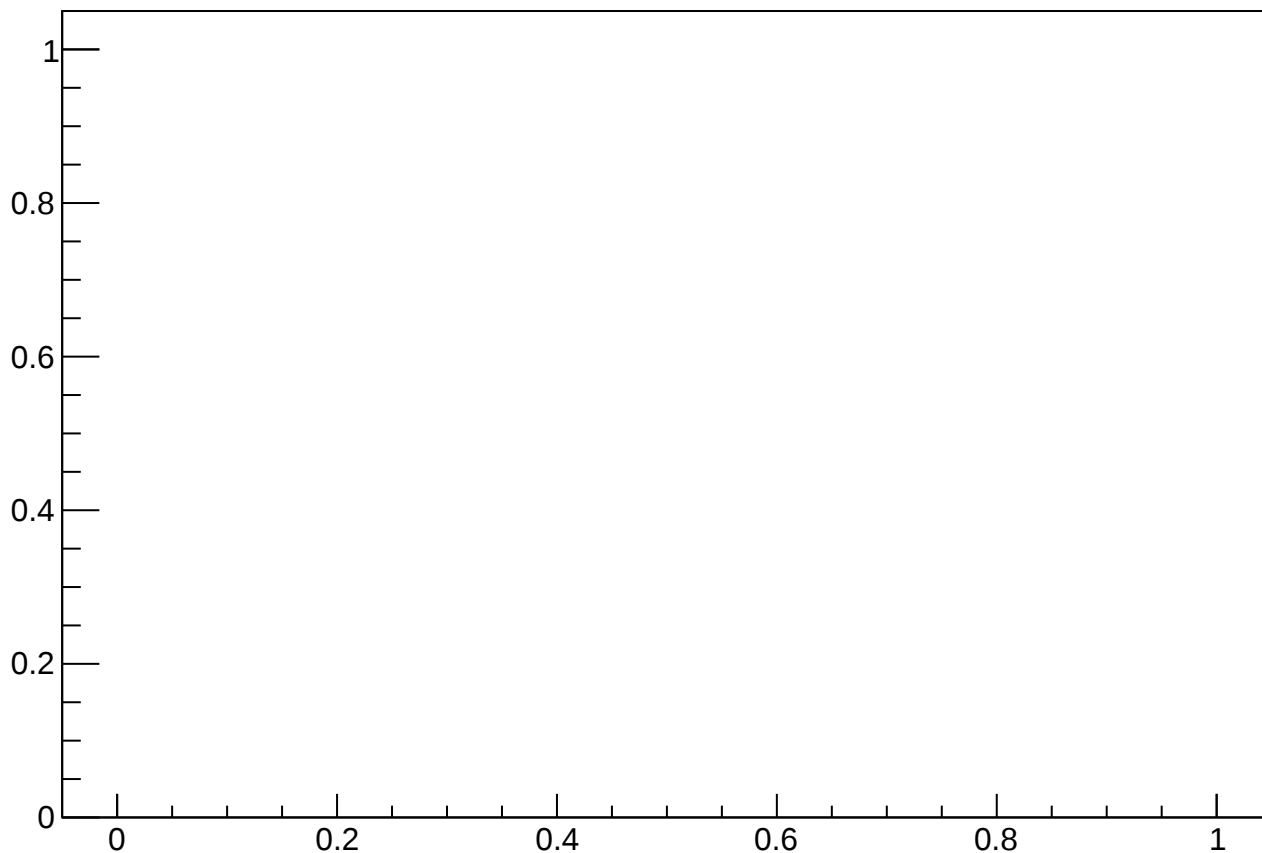
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

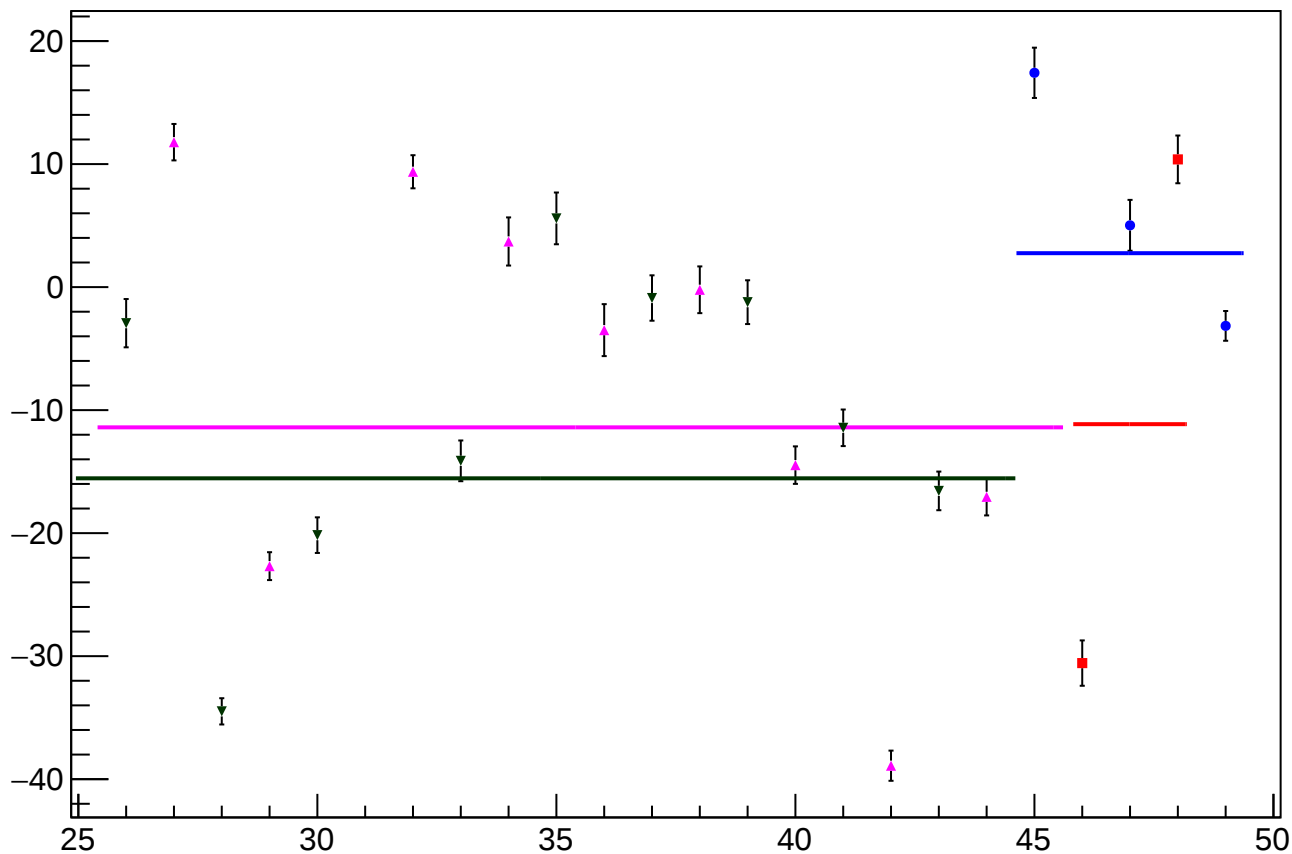
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: 2.758 ± 0.930 χ^2/NDF : 76.5/2

Left Out: -15.543 ± 0.522 χ^2/NDF : 604.1/8

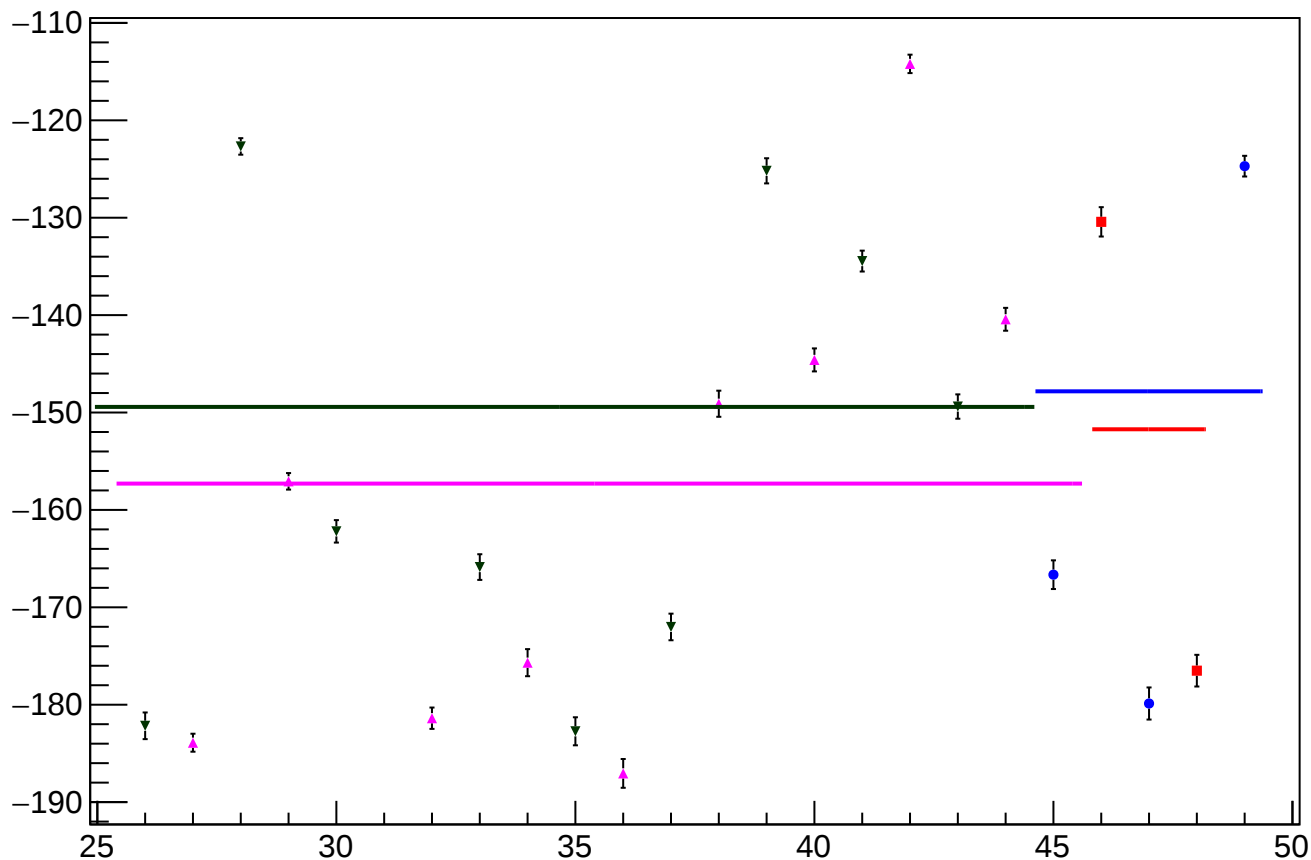
Right Out: -11.141 ± 1.336 χ^2/NDF : 234.1/1

Left In: -11.401 ± 0.495 χ^2/NDF : 1211.6/8

-11.160 ± 0.455 χ^2/NDF : 975.3/11

-11.369 ± 0.464 χ^2/NDF : 1445.7/10

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -147.824+/-0.763 χ^2 /NDF: 1015.4/2

Left Out: -149.424+/-0.396 χ^2 /NDF:3200.7/8

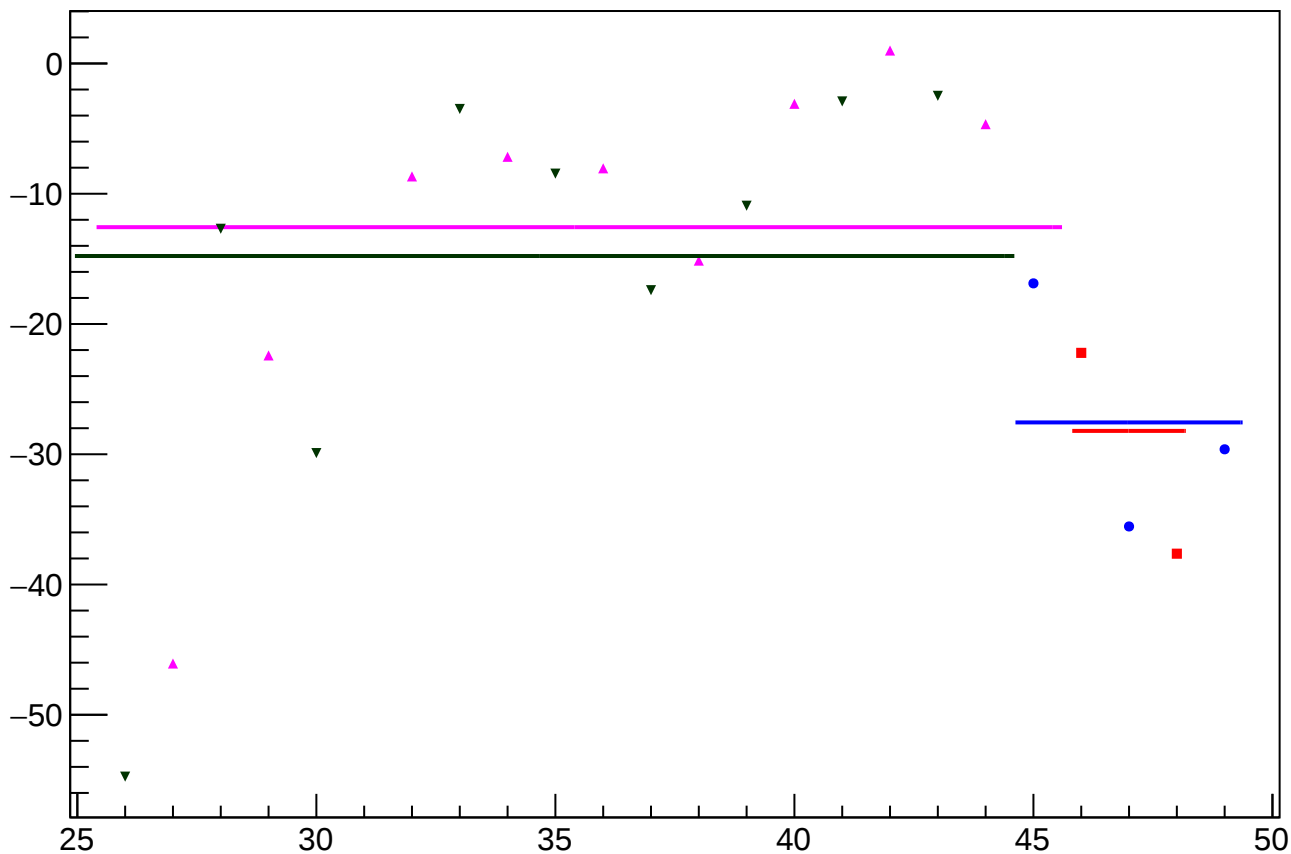
Right Out: -151.722+/-1.106 χ^2 /NDF: 431.8/1

Left In: -157.298+/-0.365 χ^2 /NDF:4330.4/8

-149.085+/-0.351 χ^2 /NDF: 4219.5/11

-156.748+/-0.347 χ^2 /NDF: 4785.1/10

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -27.555+/-0.170 χ^2/NDF : 1676.8/2

Left Out: -14.780+/-0.088 χ^2/NDF : 26305.9/8

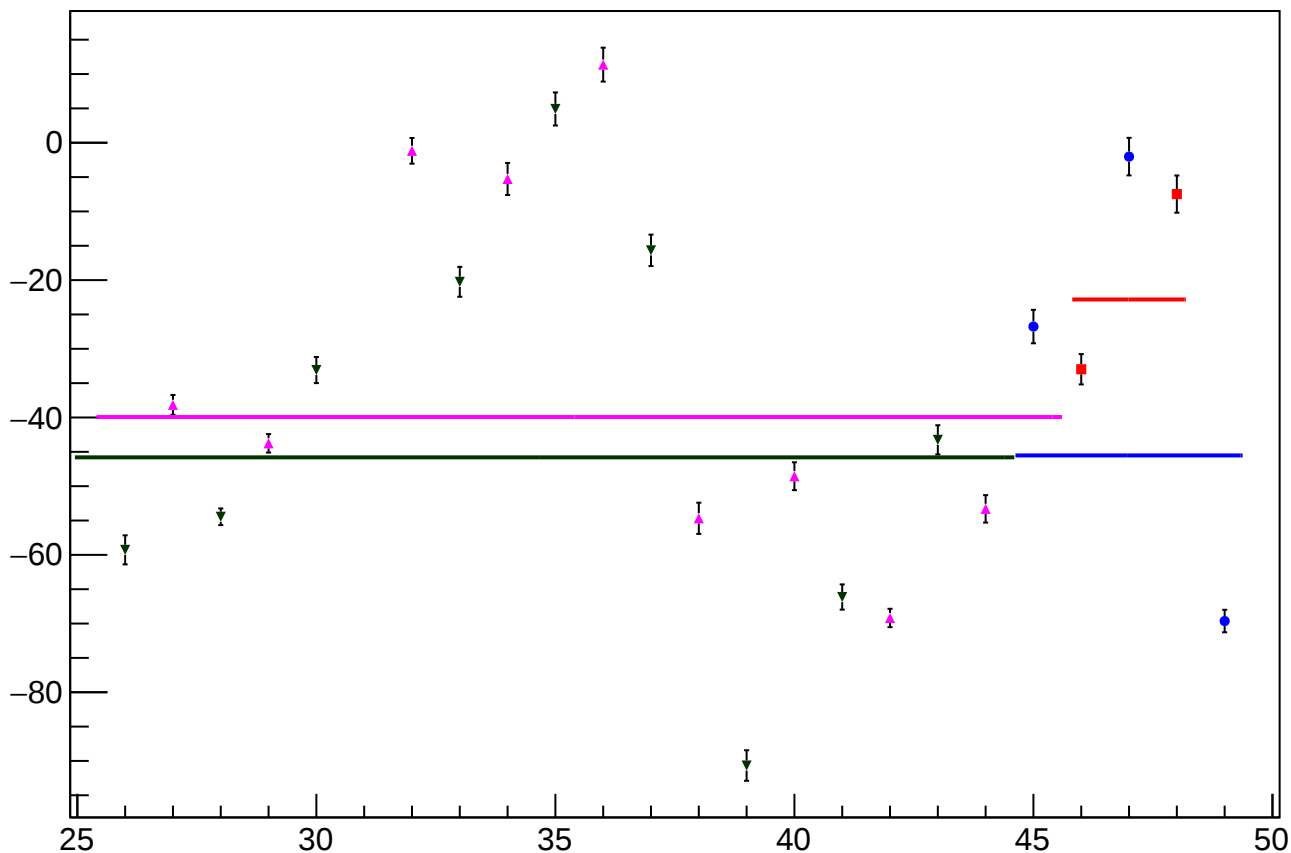
Right Out: -28.207+/-0.219 χ^2/NDF : 1172.7/1

Left In: -12.566+/-0.085 χ^2/NDF : 25284.3/8

-17.497+/-0.078 χ^2/NDF : 32426.6/11

-14.615+/-0.079 χ^2/NDF : 30871.8/10

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -45.525±/-1.217 χ^2/NDF : 529.7/2

Left Out: -45.805±/-0.636 χ^2/NDF :1422.6/8

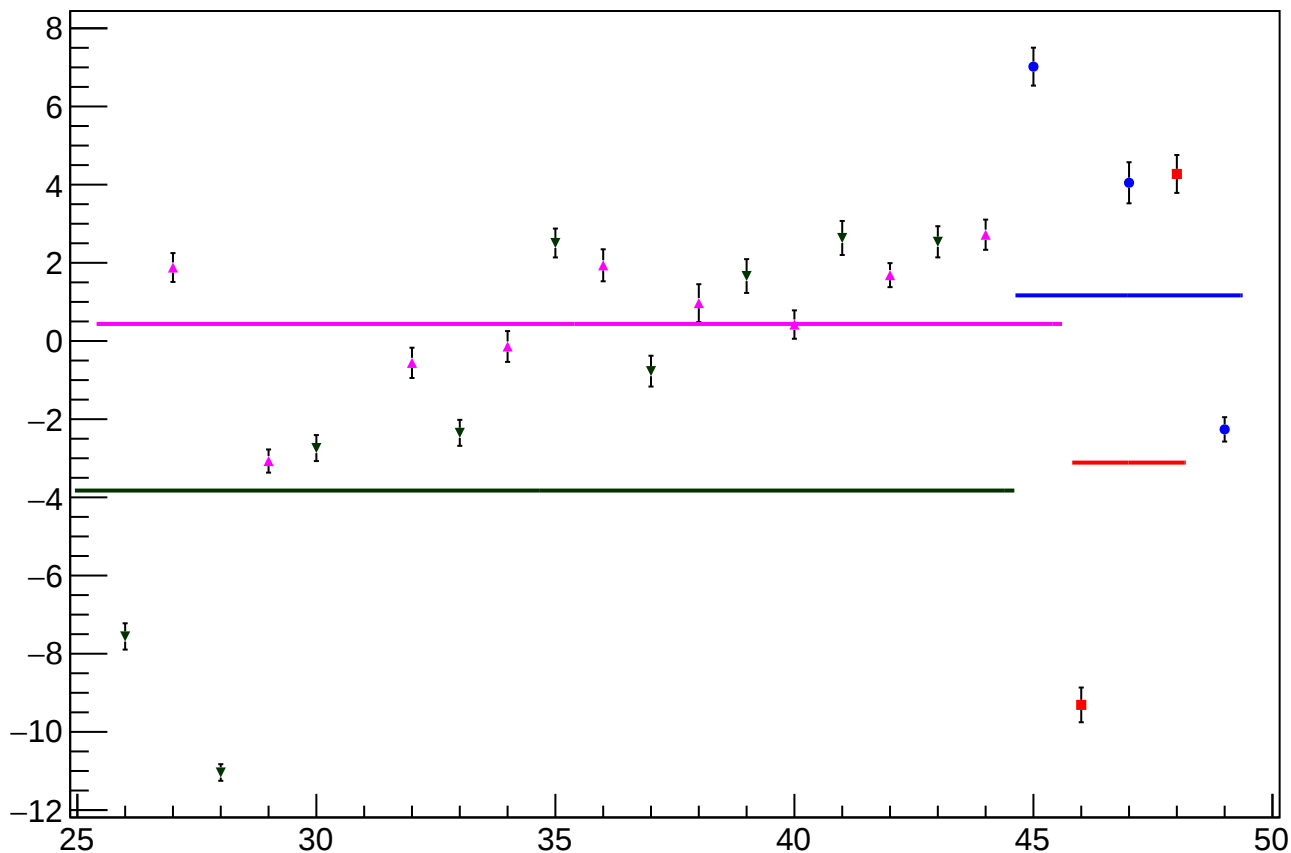
Right Out: -22.817±/-1.710 χ^2/NDF : 53.3/1

Left In: -39.933±/-0.586 χ^2/NDF :1674.5/8

-45.745±/-0.563 χ^2/NDF : 1952.3/11

-38.135±/-0.554 χ^2/NDF : 1817.5/10

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 1.167 $\pm$ 0.235 χ^2 /NDF: 296.2/2

Left Out: -3.826 $\pm$ 0.112 χ^2 /NDF: 2297.6/8

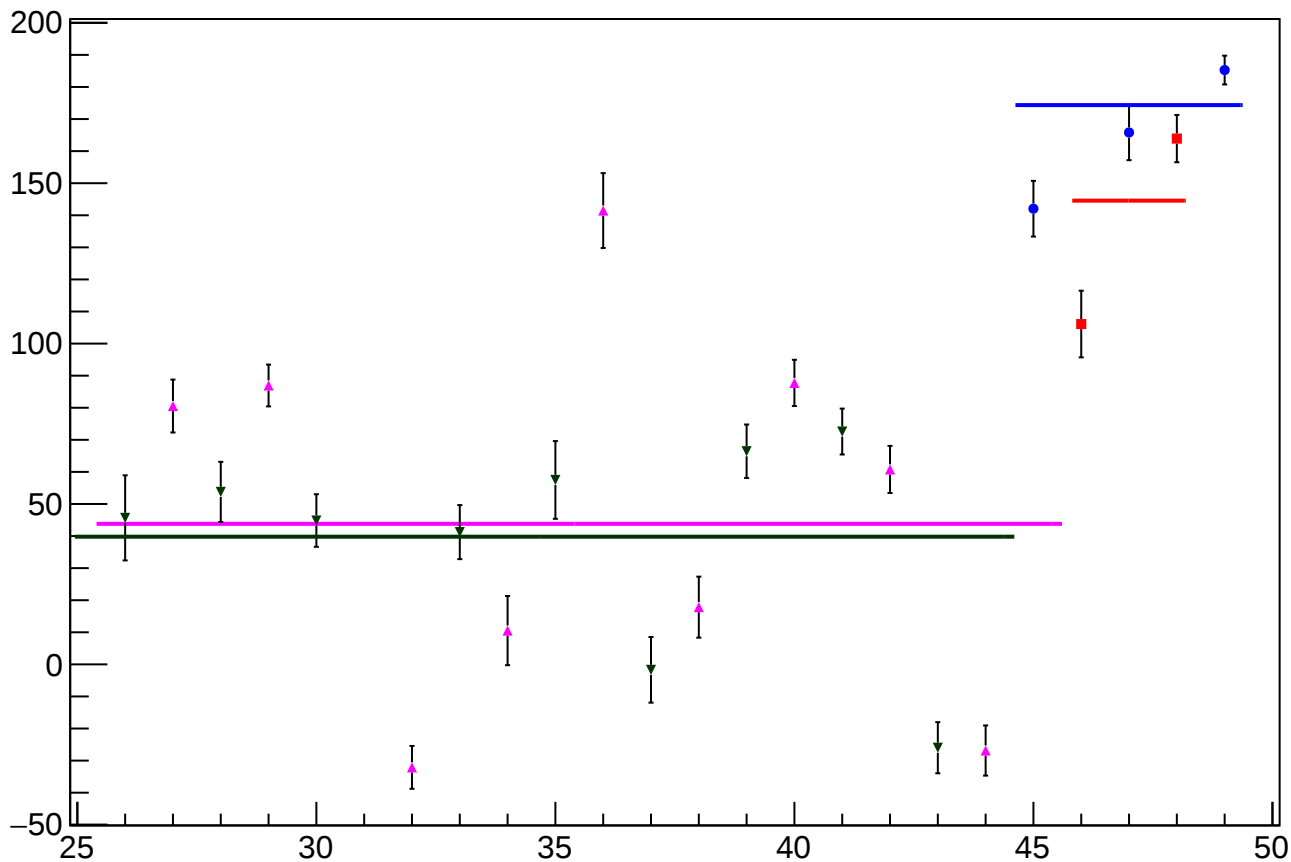
Right Out: -3.111 $\pm$ 0.327 χ^2 /NDF: 426.9/1

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-2.901 $\pm$ 0.101 χ^2 /NDF: 2962.5/11

0.003 $\pm$ 0.114 χ^2 /NDF: 760.2/10

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 174.351 $\pm$ 3.617 χ^2 /NDF: 20.8/2

Left Out: 39.807 $\pm$ 2.987 χ^2 /NDF:120.7/8

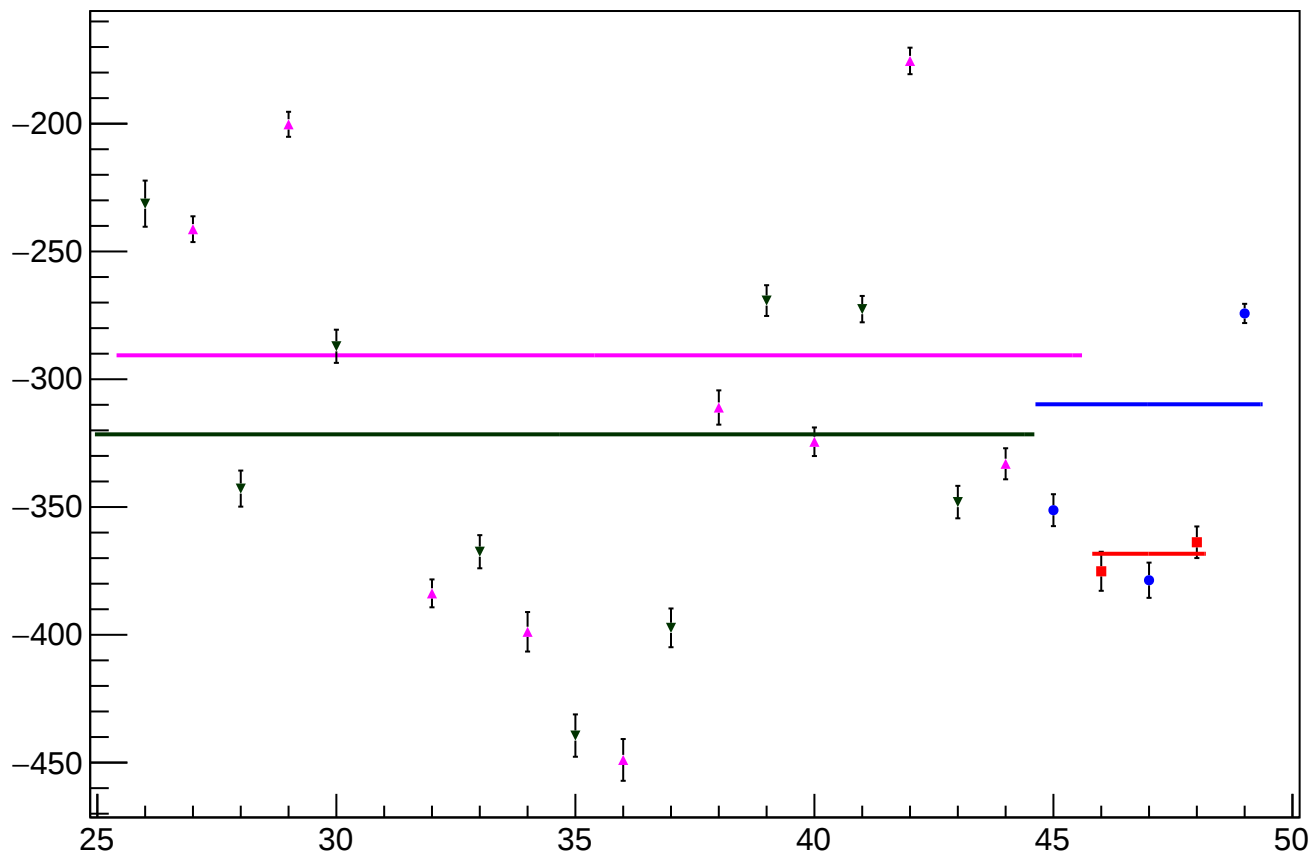
Right Out: 144.565 $\pm$ 6.010 χ^2 /NDF: 20.6/1

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

94.366 $\pm$ 2.303 χ^2 /NDF: 964.1/11

60.269 $\pm$ 2.429 χ^2 /NDF: 659.7/10

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -309.799+/-2.919 χ^2/NDF : 233.1/2

Left Out: -321.559+/-2.226 χ^2/NDF : 672.6/8

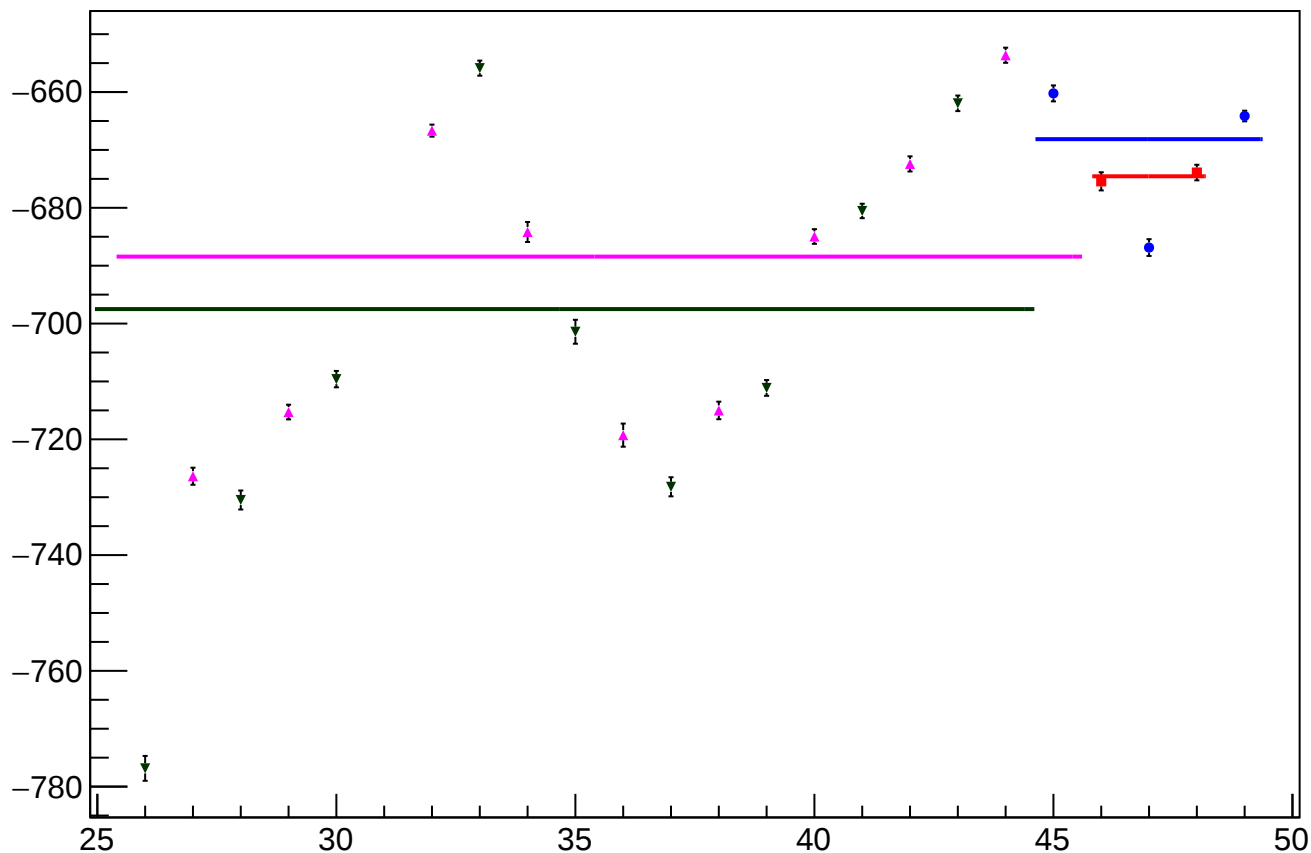
Right Out: -368.285+/-4.806 χ^2/NDF : 1.3/1

Left In: -290.636+/-1.943 χ^2/NDF : 1886.8/8

-317.234+/-1.770 χ^2/NDF : 916.0/11

-301.550+/-1.802 χ^2/NDF : 2112.5/10

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -668.139±/0.678 χ^2/NDF : 217.7/2

Left Out: -697.498±/0.500 χ^2/NDF : 4190.1/8

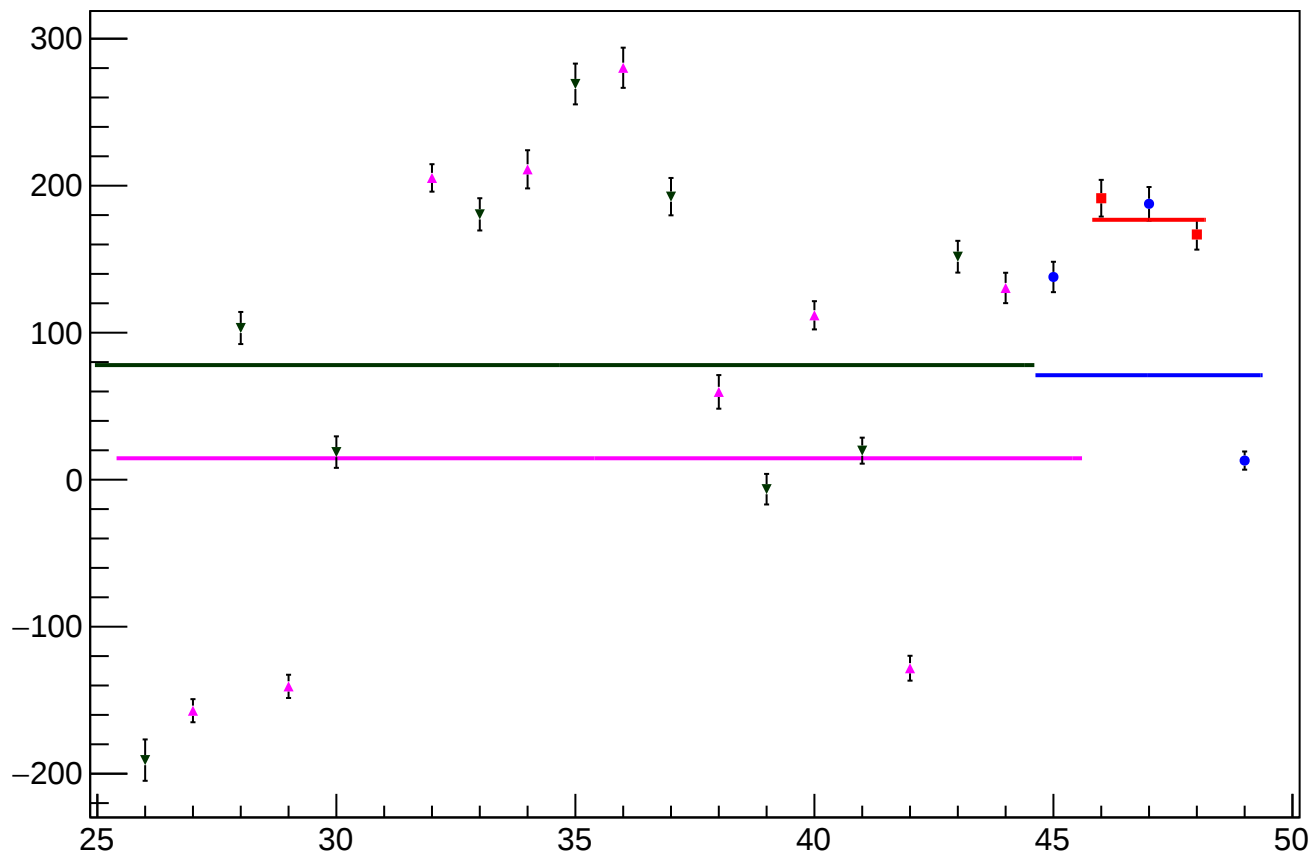
Right Out: -674.554±/1.022 χ^2/NDF : 0.5/1

Left In: -688.429±/0.456 χ^2/NDF : 2965.5/8

-687.162±/0.402 χ^2/NDF : 5623.6/11

-686.127±/0.416 χ^2/NDF : 3119.8/10

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 71.074 ± 4.814 χ^2/NDF : 233.9/2

Left Out: 77.958 ± 3.716 χ^2/NDF : 915.0/8

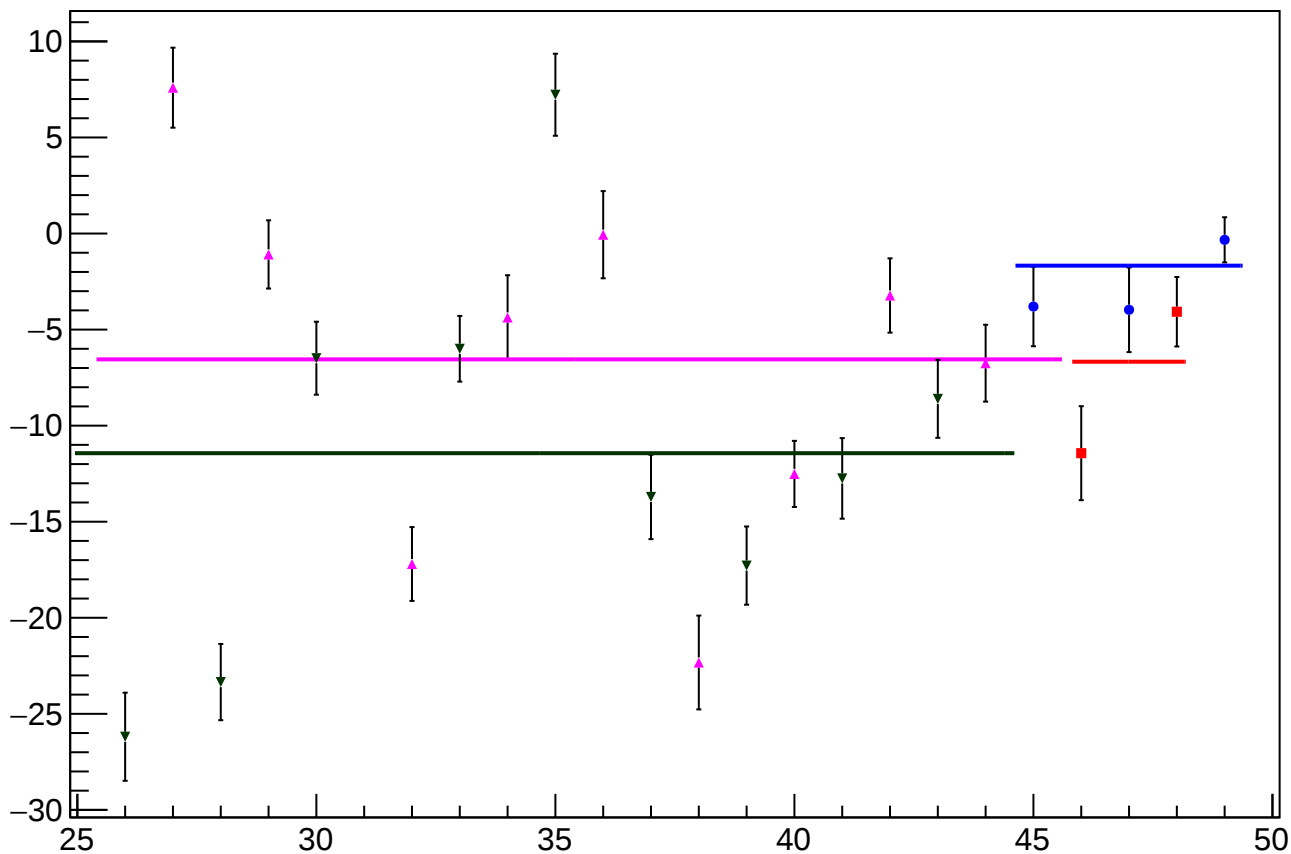
Right Out: 176.800 ± 7.949 χ^2/NDF : 2.3/1

Left In: 14.568 ± 3.215 χ^2/NDF : 2415.4/8

75.388 ± 2.942 χ^2/NDF : 1150.2/11

37.371 ± 2.980 χ^2/NDF : 2775.7/10

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -1.672 ± 0.927 $\chi^2/\text{NDF}: 3.5/2$

Left Out: -11.434 ± 0.674 $\chi^2/\text{NDF}: 182.4/8$

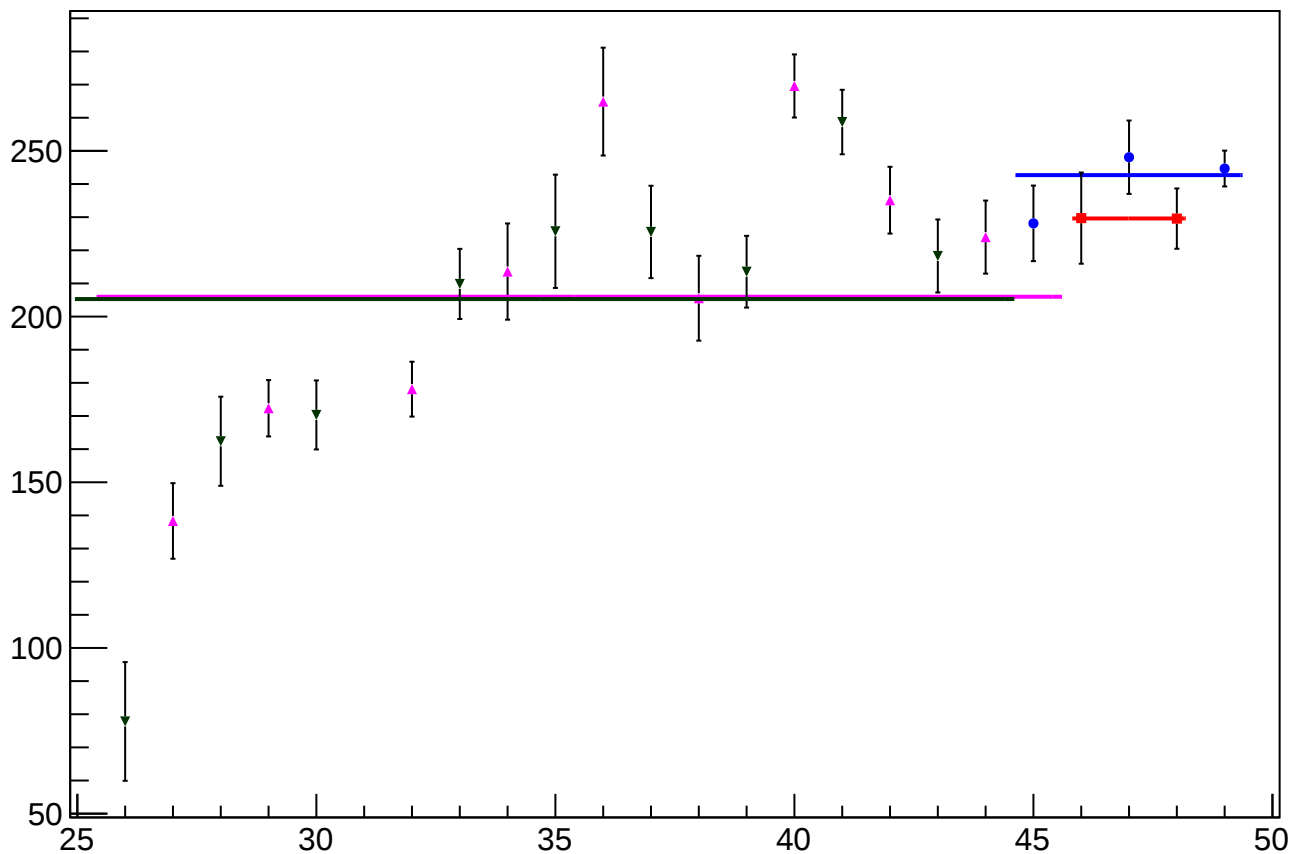
Right Out: -6.672 ± 1.454 $\chi^2/\text{NDF}: 5.9/1$

Left In: -6.549 ± 0.668 $\chi^2/\text{NDF}: 152.2/8$

-8.057 ± 0.545 $\chi^2/\text{NDF}: 258.4/11$

-6.571 ± 0.607 $\chi^2/\text{NDF}: 158.0/10$

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 242.685 $\pm$ 4.467 χ^2 /NDF: 2.0/2

Left Out: 205.287 $\pm$ 3.993 χ^2 /NDF:108.0/8

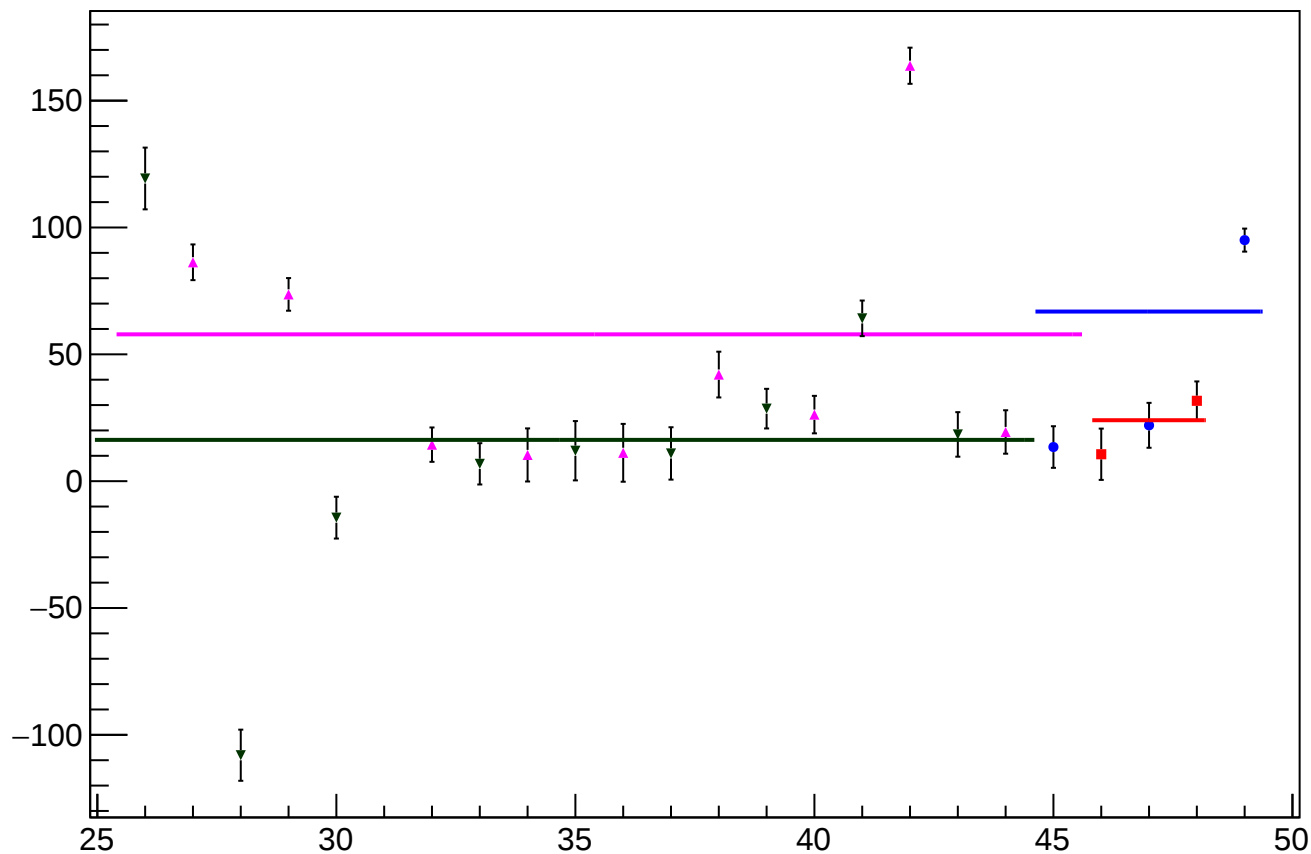
Right Out: 229.607 $\pm$ 7.589 χ^2 /NDF: 0.0/1

Left In: 205.988 $\pm$ 3.539 χ^2 /NDF:131.2/8

221.898 $\pm$ 2.977 χ^2 /NDF: 148.9/11

210.207 $\pm$ 3.208 χ^2 /NDF: 139.1/10

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 66.864 $\pm$ 3.623 χ^2 /NDF: 106.6/2

Left Out: 16.279 $\pm$ 2.978 χ^2 /NDF: 288.5/8

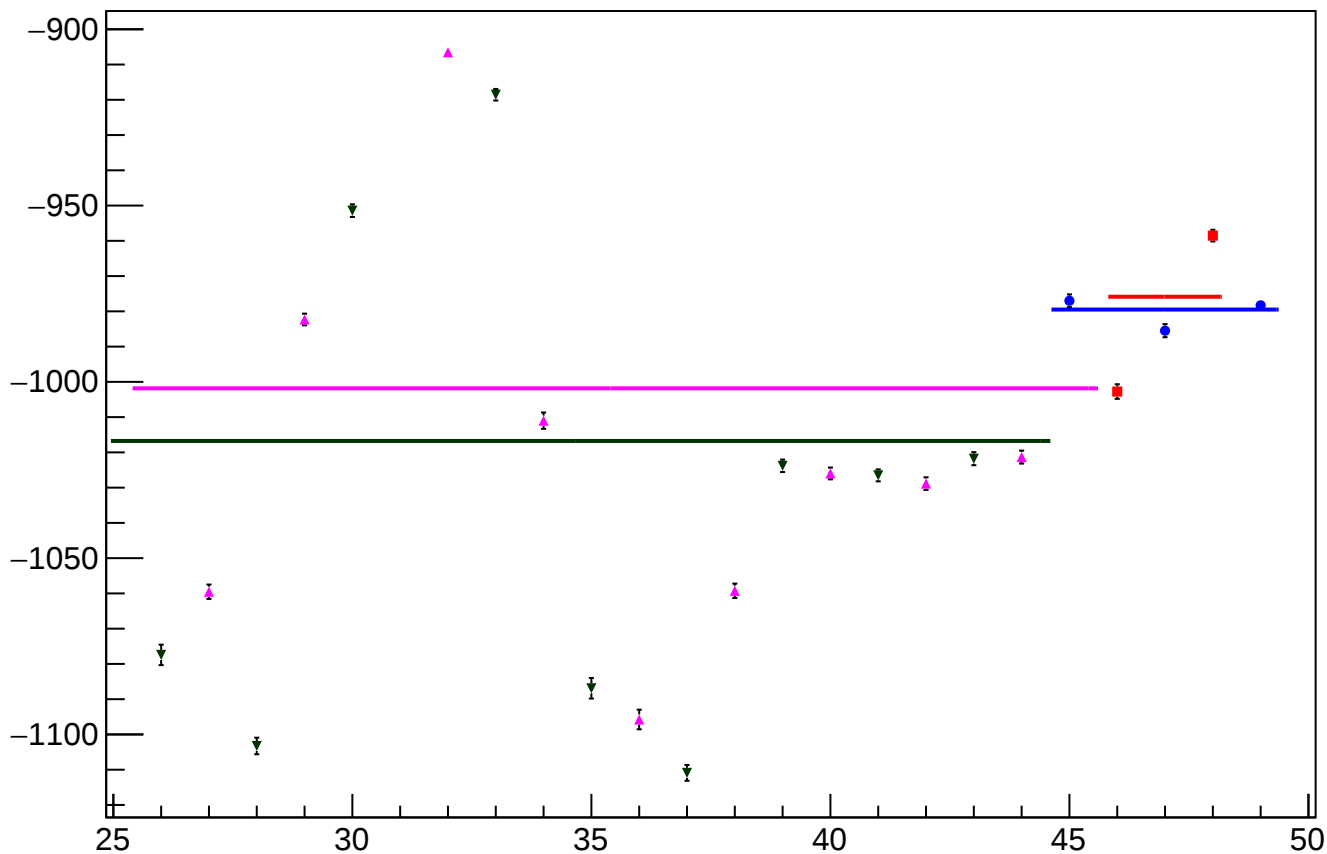
Right Out: 24.029 $\pm$ 6.095 χ^2 /NDF: 2.8/1

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF: 363.5/8

36.668 $\pm$ 2.300 χ^2 /NDF: 511.4/11

52.636 $\pm$ 2.399 χ^2 /NDF: 392.3/10

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -979.488+/-0.845 χ^2/NDF : 13.4/2

Left Out: -1016.757+/-0.666 χ^2/NDF : 9085.0/8

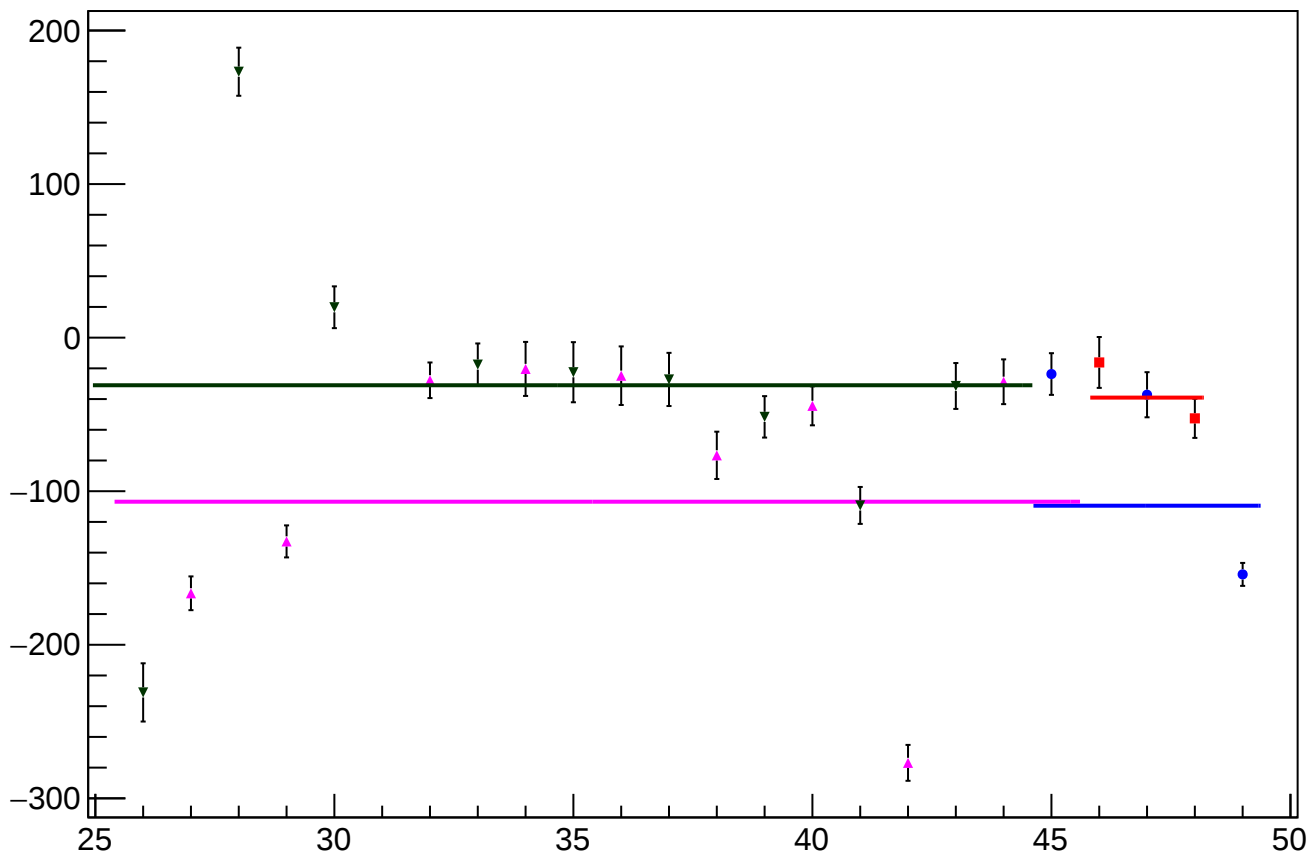
Right Out: -975.856+/-1.299 χ^2/NDF : 276.3/1

Left In: -1001.844+/-0.607 χ^2/NDF : 8875.1/8

-1002.471+/-0.523 χ^2/NDF : 10297.8/11

-997.191+/-0.550 χ^2/NDF : 9480.1/10

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -109.441 ± 5.981 χ^2/NDF : 99.9/2

Left Out: -31.002 ± 4.978 χ^2/NDF : 340.9/8

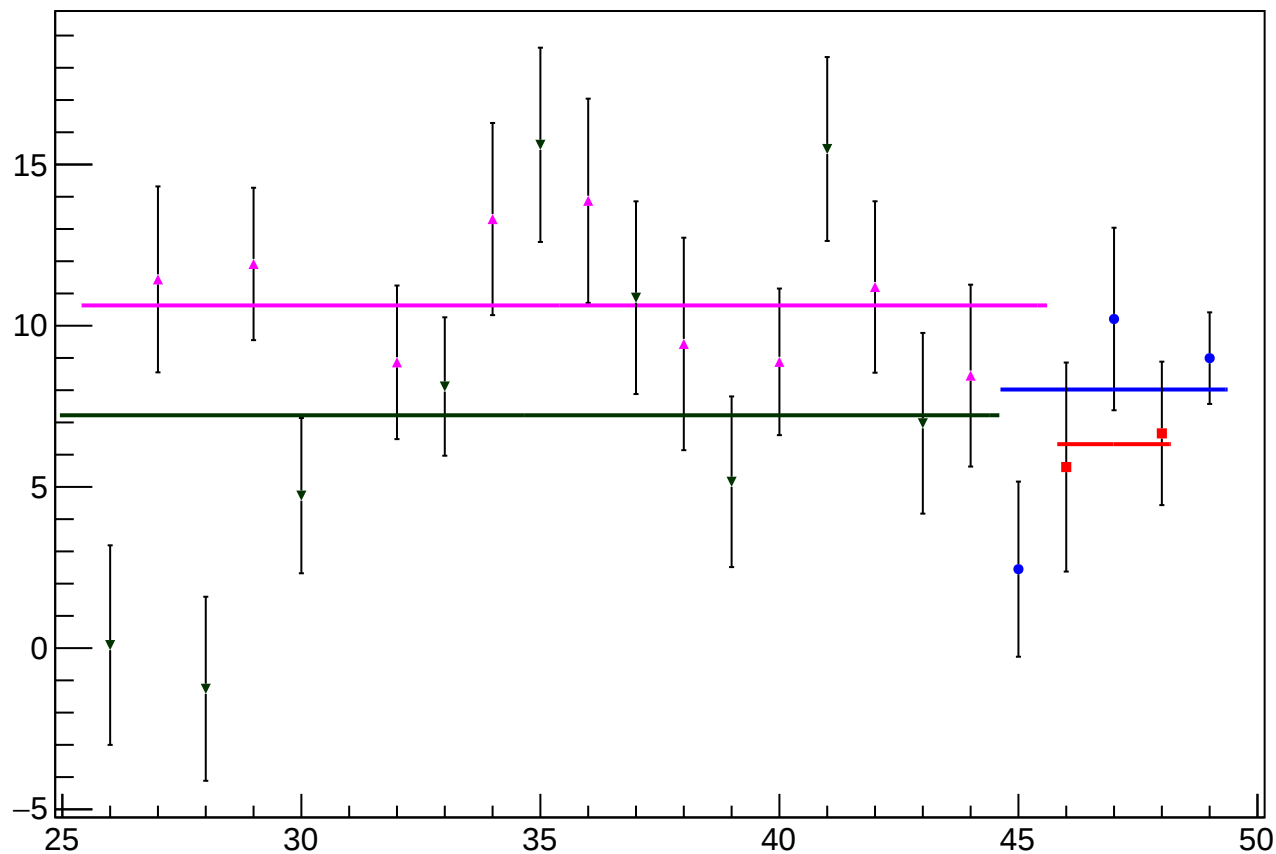
Right Out: -39.044 ± 10.093 χ^2/NDF : 3.0/1

Left In: -106.838 ± 4.330 χ^2/NDF : 393.2/8

-63.099 ± 3.826 χ^2/NDF : 542.4/11

-96.300 ± 3.979 χ^2/NDF : 434.4/10

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 8.021+/-1.150 χ^2/NDF : 5.3/2

Left Out: 7.222+/-0.901 χ^2/NDF : 33.6/8

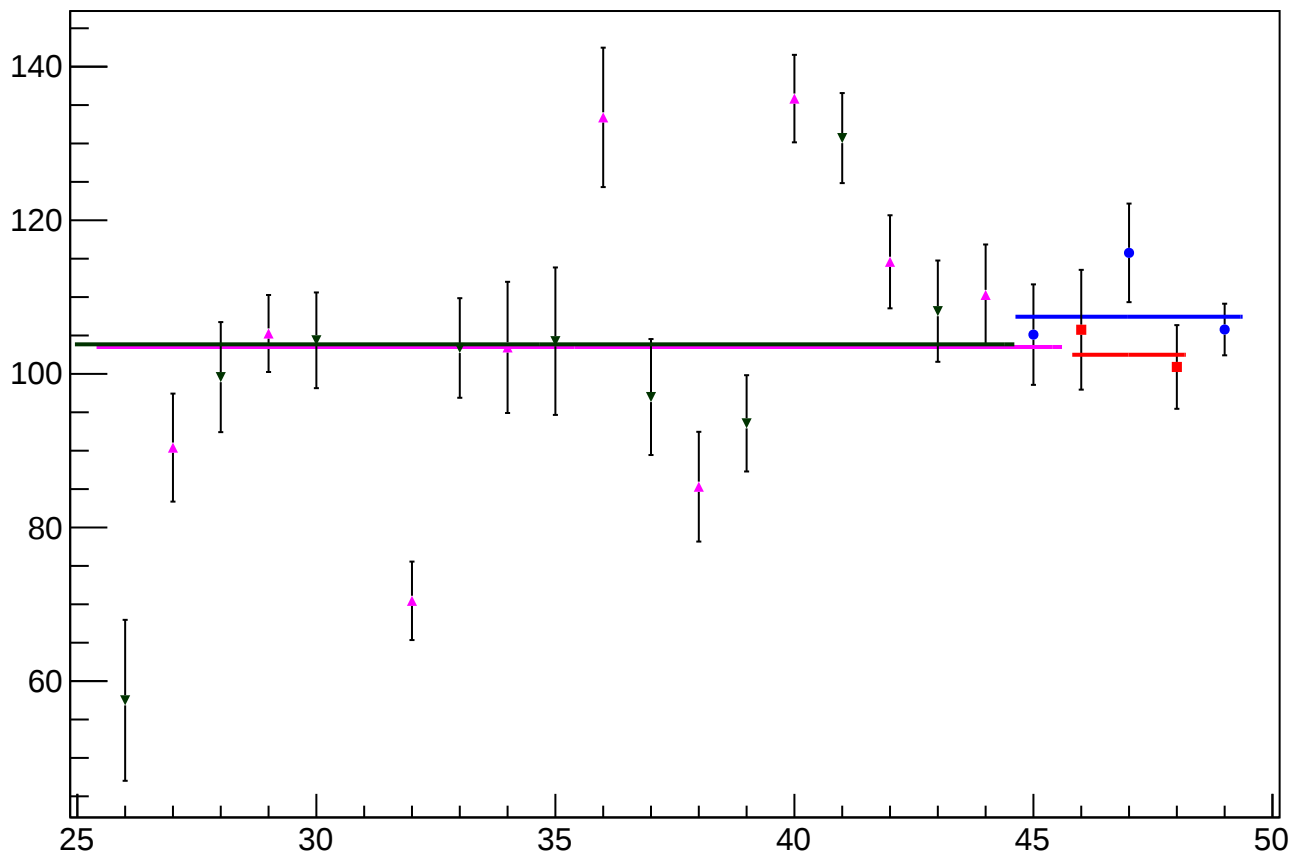
Right Out: 6.326+/-1.834 χ^2/NDF : 0.1/1

Left In: 10.629+/-0.898 χ^2/NDF : 4.1/8

7.526+/-0.709 χ^2/NDF : 39.2/11

9.798+/-0.806 χ^2/NDF : 8.7/10

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 107.443+/-2.709 χ^2/NDF : 2.1/2

Left Out: 103.848+/-2.331 χ^2/NDF : 44.9/8

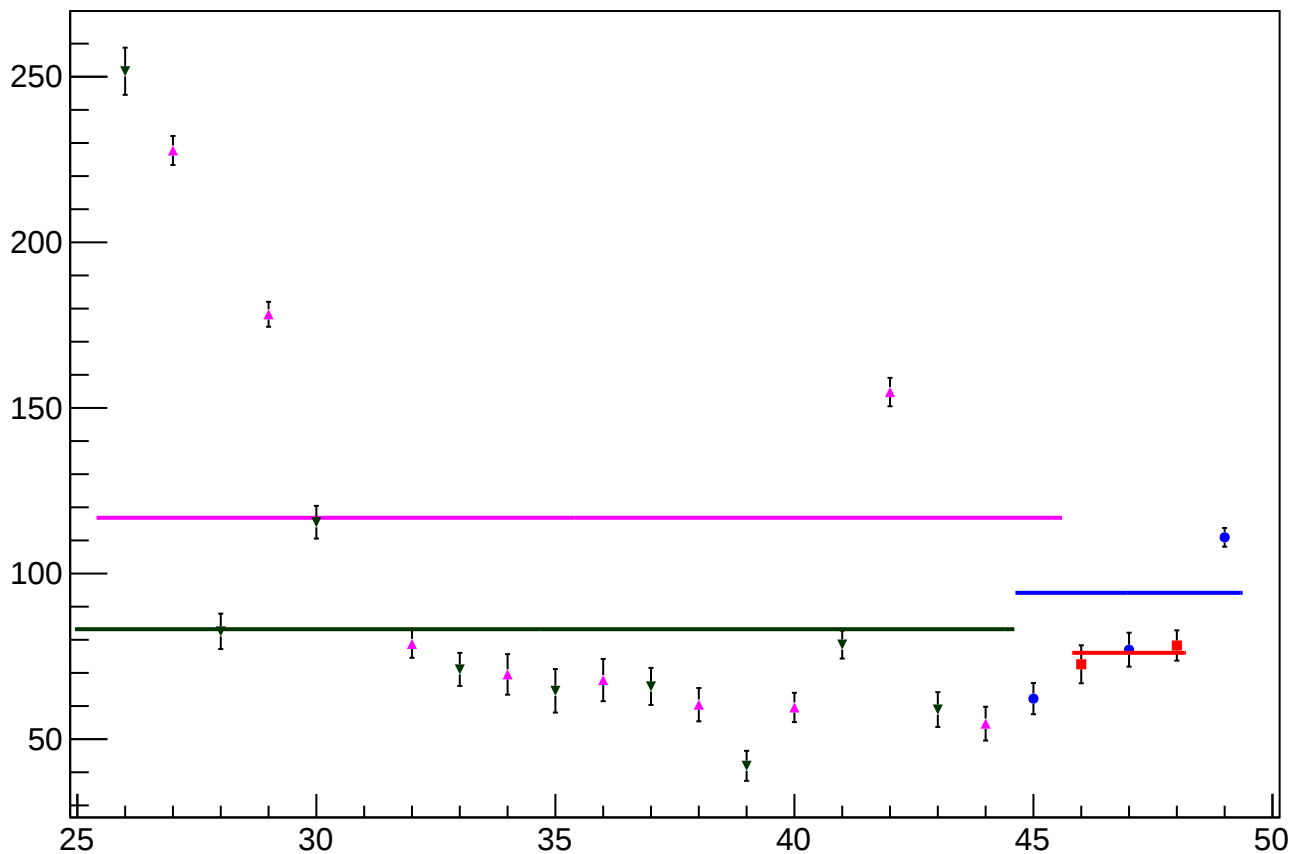
Right Out: 102.491+/-4.466 χ^2/NDF : 0.3/1

Left In: 103.503+/-2.108 χ^2/NDF : 99.4/8

105.377+/-1.767 χ^2/NDF : 47.9/11

103.318+/-1.906 χ^2/NDF : 99.7/10

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 94.183+/-2.191 χ^2/NDF : 92.4/2

Left Out: 83.201+/-1.736 χ^2/NDF : 731.5/8

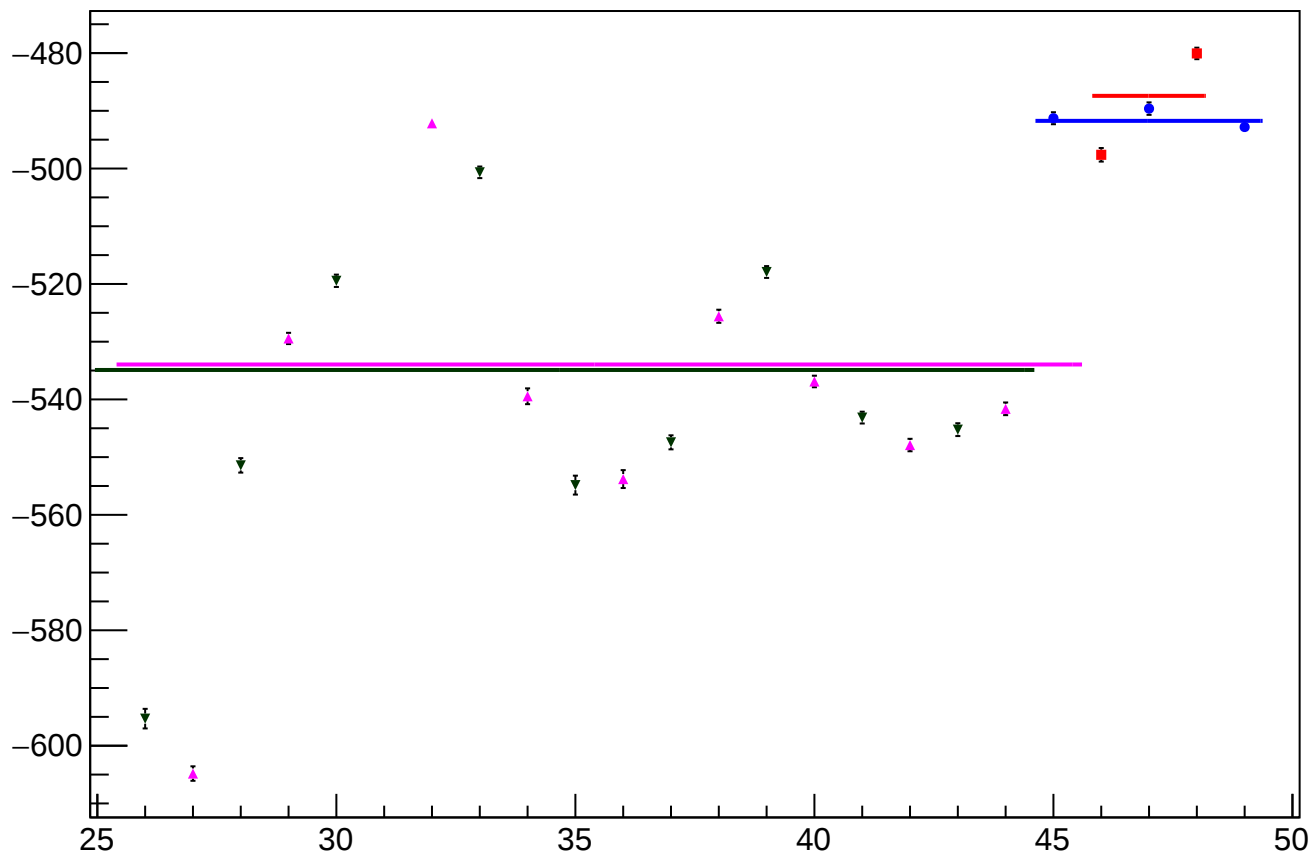
Right Out: 76.068+/-3.576 χ^2/NDF : 0.6/1

Left In: 116.837+/-1.553 χ^2/NDF : 1630.8/8

87.437+/-1.360 χ^2/NDF : 839.3/11

110.369+/-1.424 χ^2/NDF : 1740.8/10

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -491.740+/-0.508 χ^2/NDF : 6.4/2

Left Out: -534.901+/-0.389 χ^2/NDF : 3490.3/8

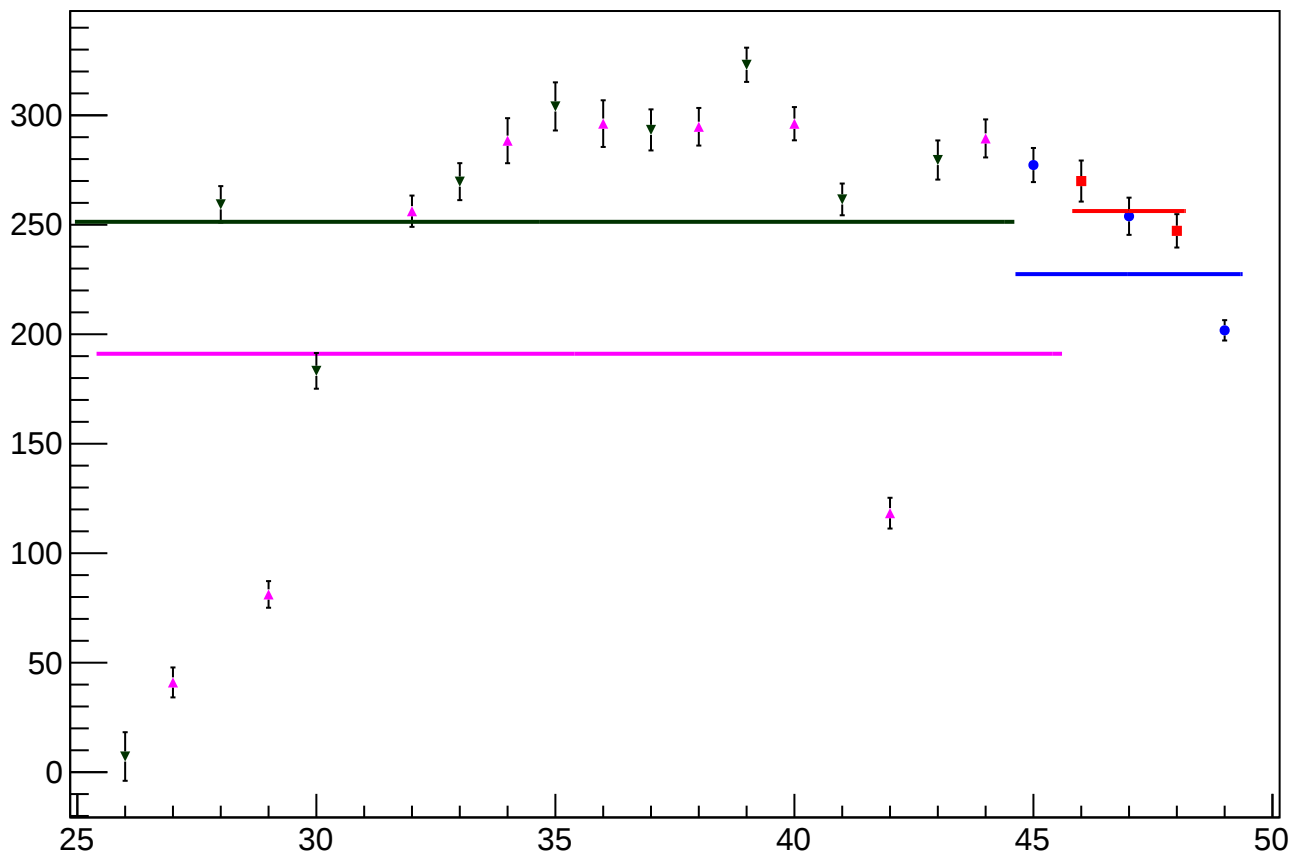
Right Out: -487.408+/-0.761 χ^2/NDF : 129.6/1

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-518.947+/-0.309 χ^2/NDF : 8047.5/11

-525.398+/-0.326 χ^2/NDF : 9626.3/10

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 227.462 ± 3.614 $\chi^2/\text{NDF}: 81.0/2$

Left Out: 251.350 ± 2.897 $\chi^2/\text{NDF}: 698.7/8$

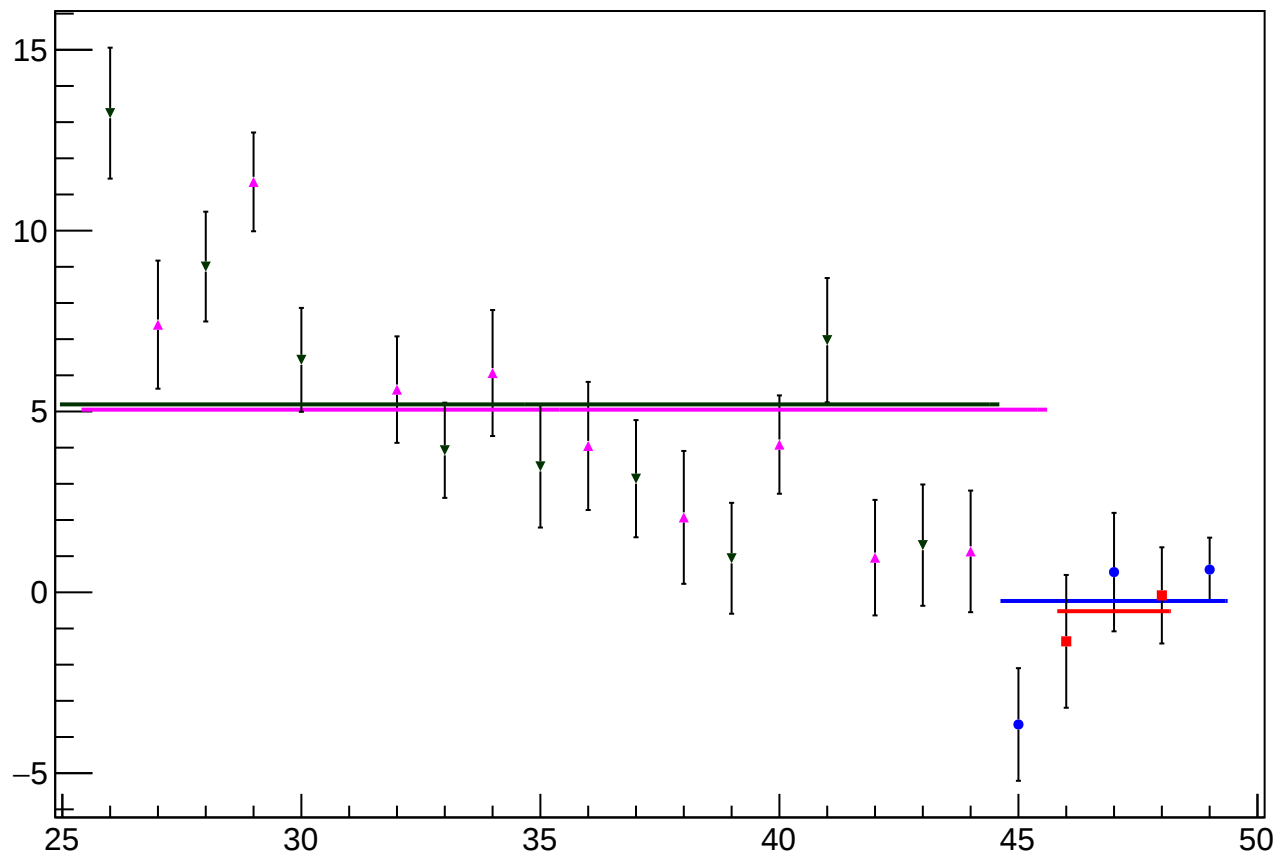
Right Out: 256.273 ± 5.915 $\chi^2/\text{NDF}: 3.5/1$

Left In: 191.089 ± 2.577 $\chi^2/\text{NDF}: 1650.2/8$

242.007 ± 2.260 $\chi^2/\text{NDF}: 806.4/11$

201.484 ± 2.362 $\chi^2/\text{NDF}: 1755.8/10$

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: -0.239 ± 0.696 $\chi^2/\text{NDF}: 6.0/2$

Left Out: 5.196 ± 0.523 $\chi^2/\text{NDF}: 44.5/8$

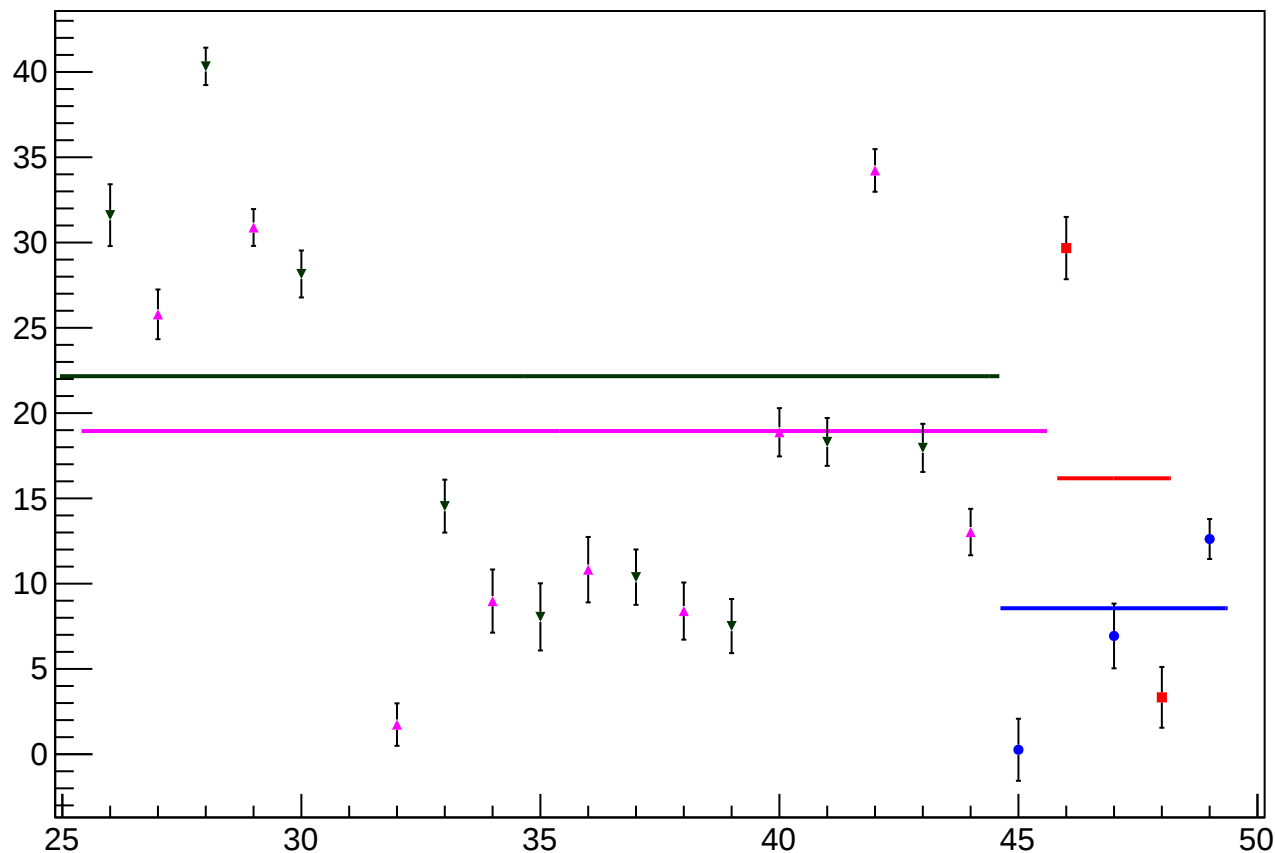
Right Out: -0.522 ± 1.077 $\chi^2/\text{NDF}: 0.3/1$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

3.232 ± 0.418 $\chi^2/\text{NDF}: 89.5/11$

3.961 ± 0.476 $\chi^2/\text{NDF}: 60.8/10$

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 8.559 ± 0.874 χ^2/NDF : 33.5/2

Left Out: 22.164 ± 0.492 χ^2/NDF : 550.6/8

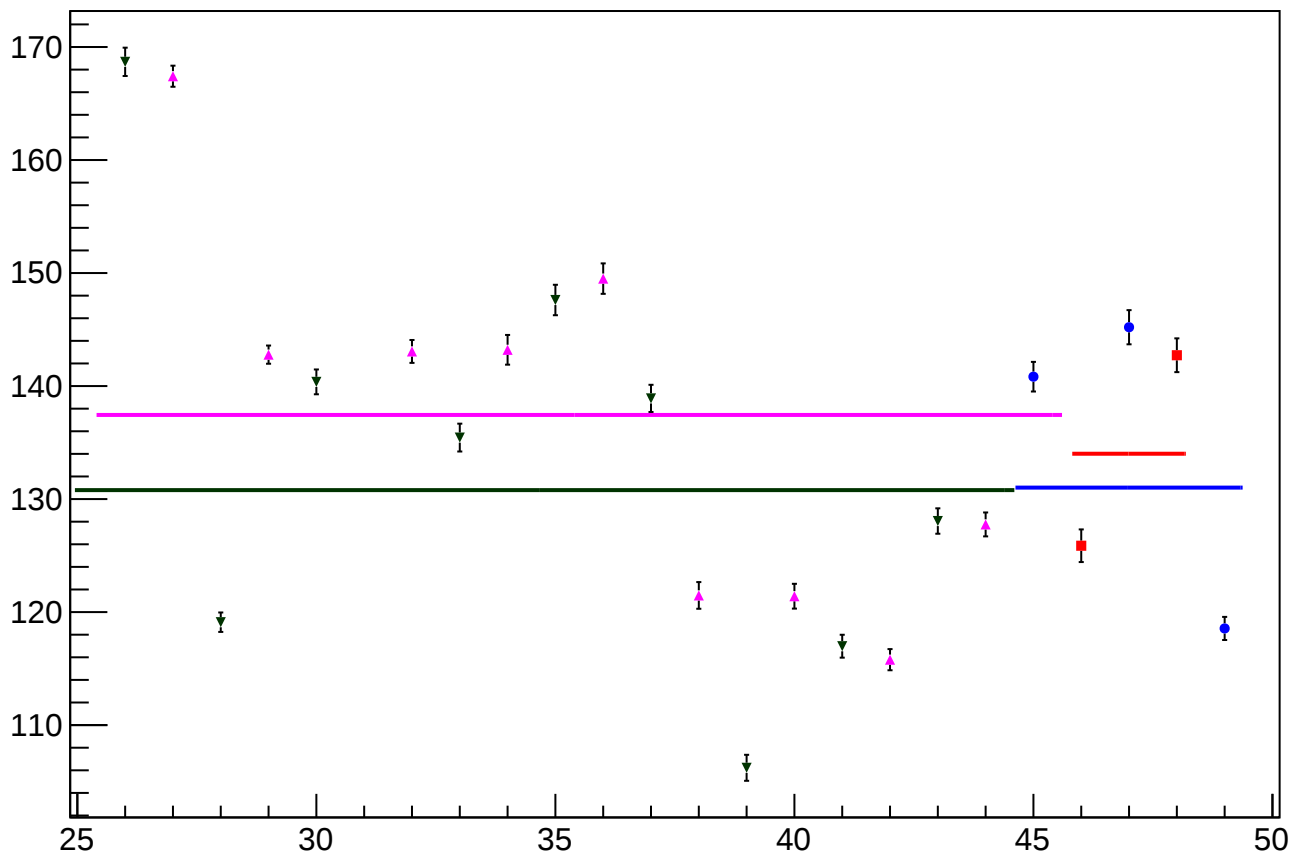
Right Out: 16.179 ± 1.275 χ^2/NDF : 106.7/1

Left In: 18.948 ± 0.468 χ^2/NDF : 590.1/8

18.887 ± 0.429 χ^2/NDF : 768.0/11

18.619 ± 0.439 χ^2/NDF : 700.9/10

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 131.015 ± 0.711 χ^2/NDF : 292.7/2

Left Out: 130.793 ± 0.372 χ^2/NDF : 2039.0/8

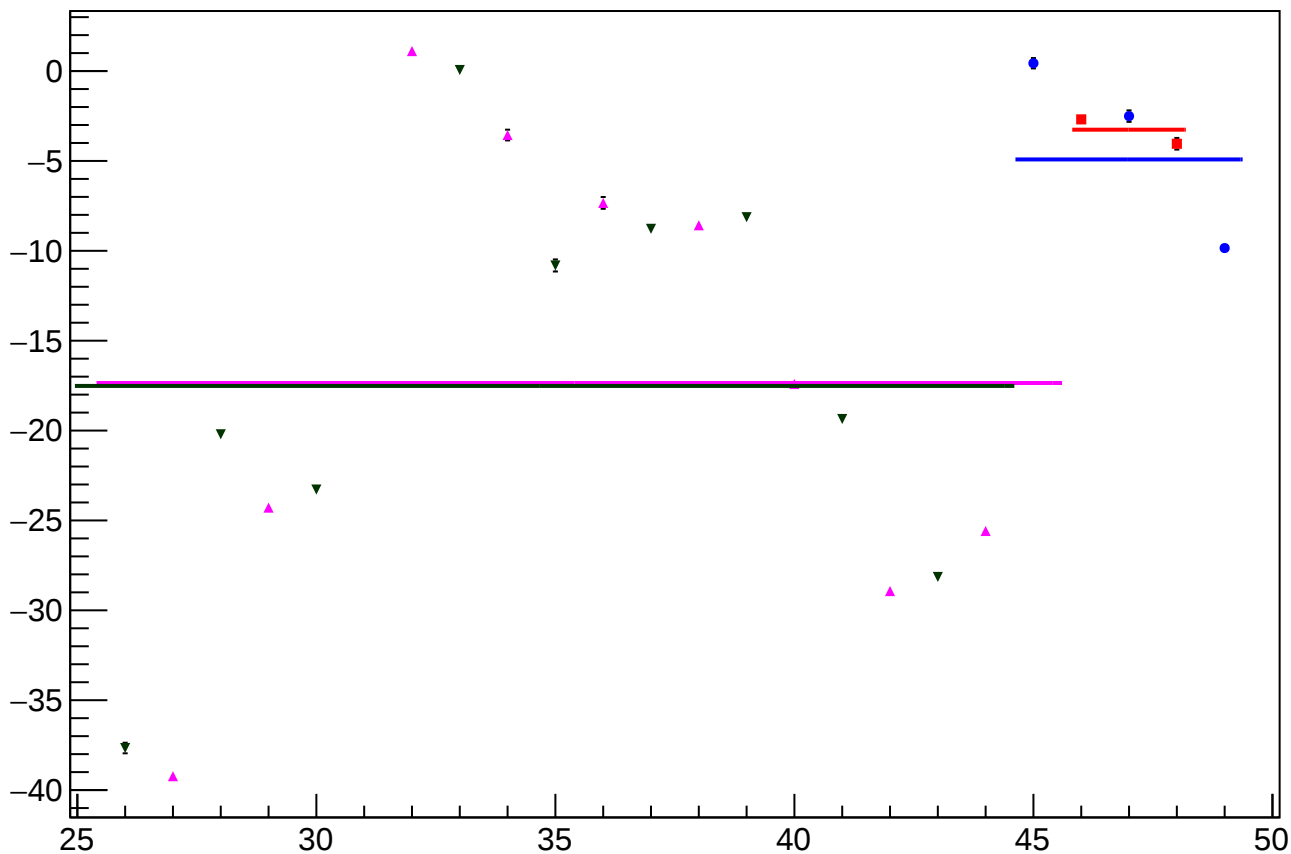
Right Out: 134.012 ± 1.039 χ^2/NDF : 65.8/1

Left In: 137.444 ± 0.345 χ^2/NDF : 2221.9/8

130.840 ± 0.329 χ^2/NDF : 2331.7/11

137.102 ± 0.328 χ^2/NDF : 2297.5/10

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -4.916+/-0.159 χ^2/NDF : 836.3/2

Left Out: -17.516+/-0.083 χ^2/NDF :15652.4/8

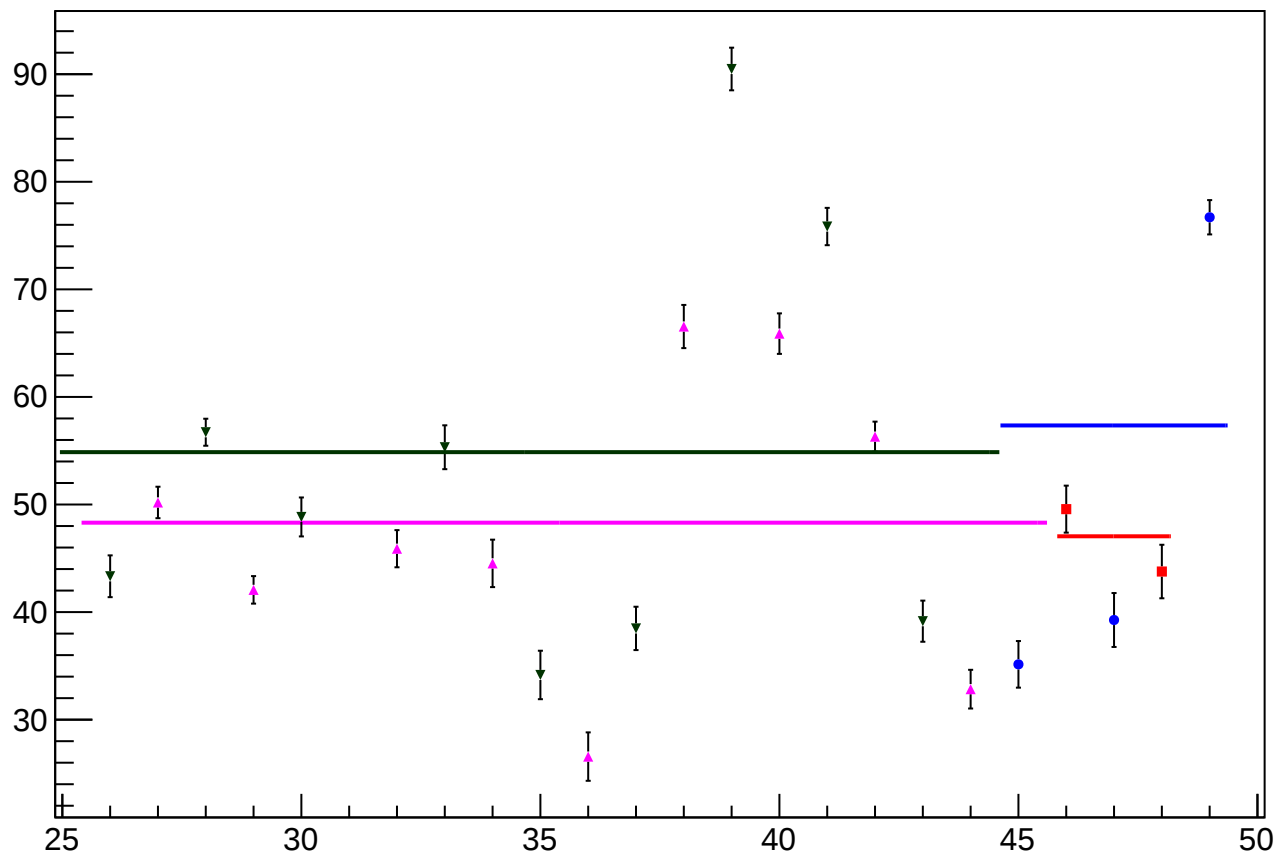
Right Out: -3.261+/-0.211 χ^2/NDF : 10.1/1

Left In: -17.353+/-0.080 χ^2/NDF :25925.9/8

-14.814+/-0.073 χ^2/NDF : 21445.4/11

-15.570+/-0.075 χ^2/NDF : 29839.1/10

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 57.350+/-1.143 χ^2 /NDF: 304.3/2

Left Out: 54.868+/-0.603 χ^2 /NDF:735.8/8

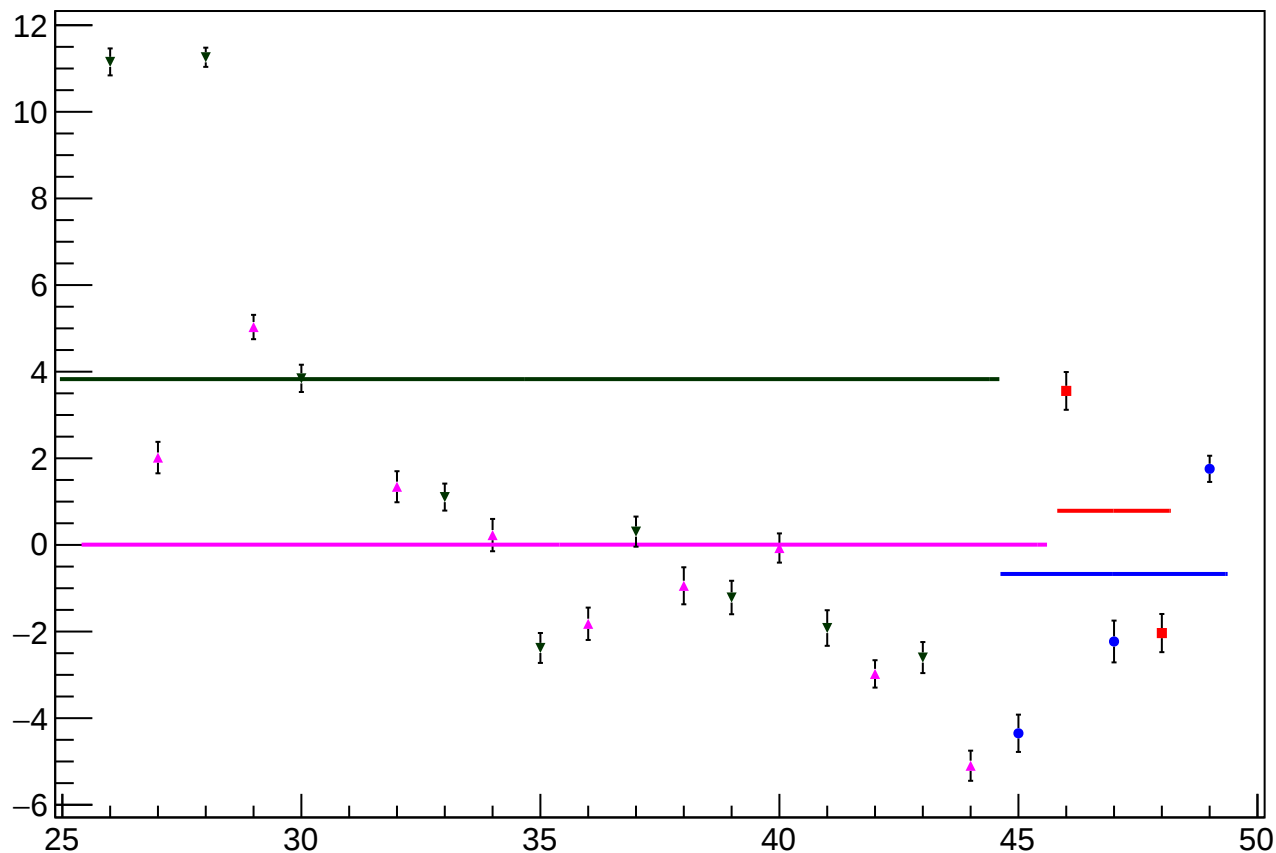
Right Out: 47.046+/-1.641 χ^2 /NDF: 3.1/1

Left In: 48.311+/-0.562 χ^2 /NDF:400.4/8

55.409+/-0.533 χ^2 /NDF: 1043.8/11

48.179+/-0.531 χ^2 /NDF: 404.0/10

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -0.670 ± 0.220 χ^2/NDF : 147.9/2

Left Out: 3.828 ± 0.107 χ^2/NDF : 2866.4/8

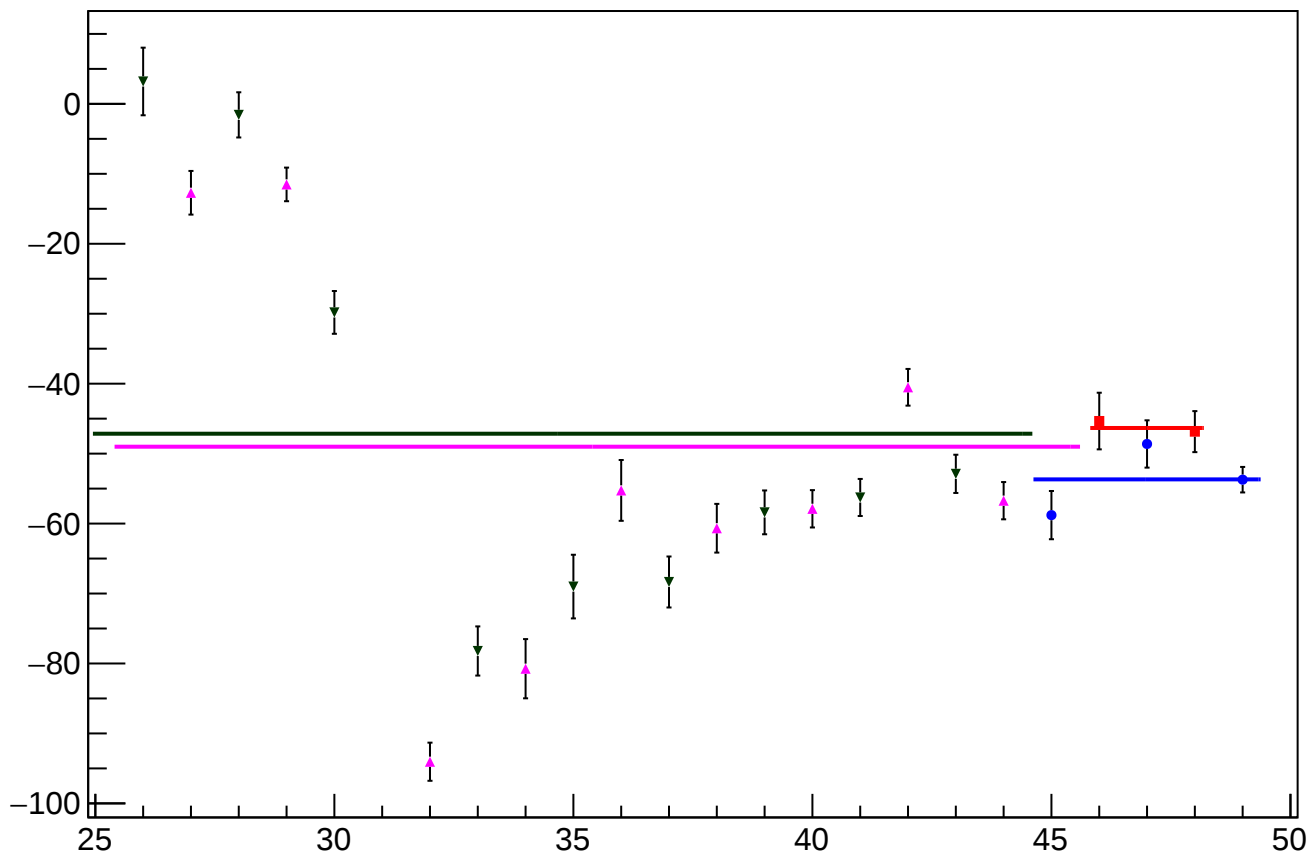
Right Out: 0.788 ± 0.310 χ^2/NDF : 81.3/1

Left In: 0.006 ± 0.116 χ^2/NDF : 698.4/8

2.975 ± 0.096 χ^2/NDF : 3352.6/11

0.102 ± 0.108 χ^2/NDF : 785.3/10

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -53.682 ± 1.455 $\chi^2/\text{NDF}: 4.4/2$

Left Out: -47.154 ± 1.099 $\chi^2/\text{NDF}: 504.0/8$

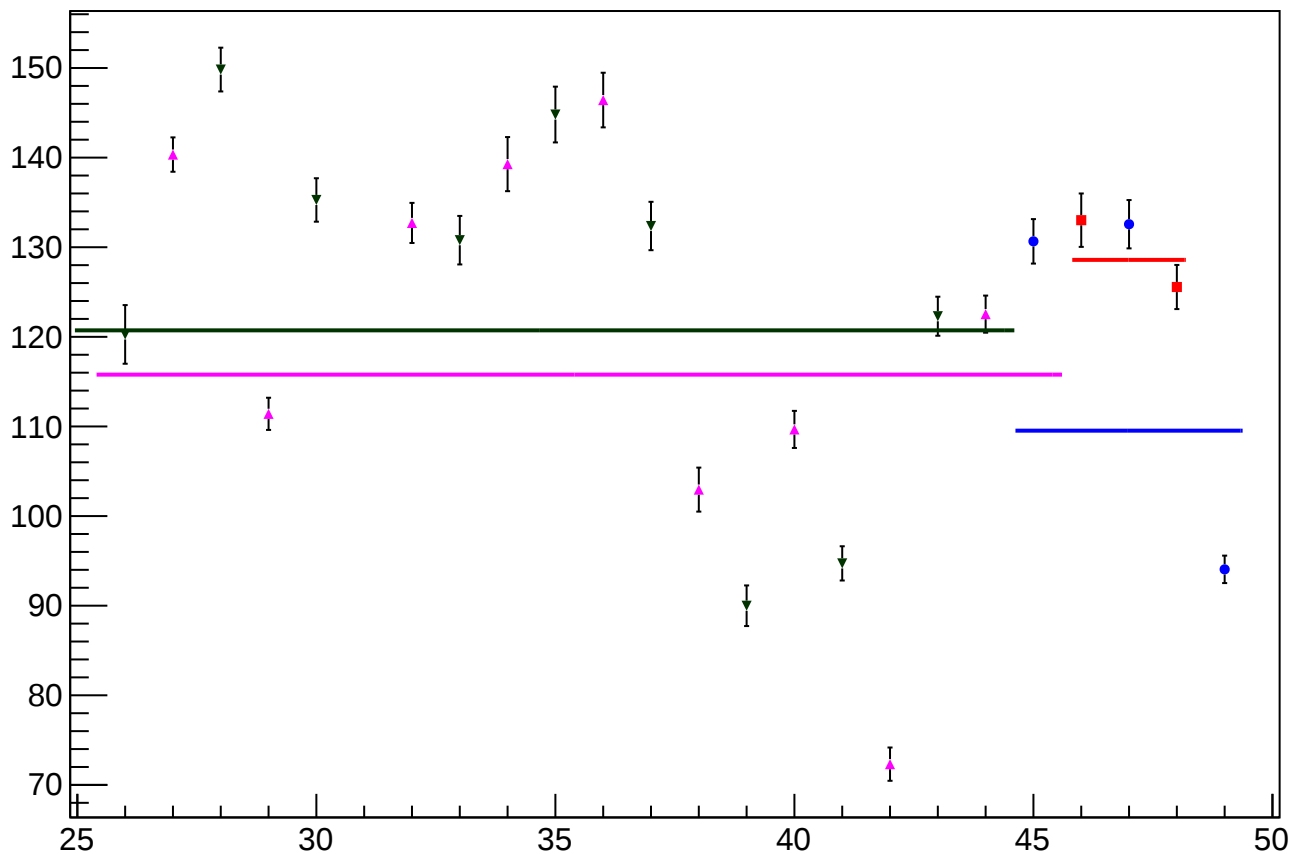
Right Out: -46.334 ± 2.375 $\chi^2/\text{NDF}: 0.1/1$

Left In: -49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

-49.524 ± 0.877 $\chi^2/\text{NDF}: 521.2/11$

-48.617 ± 0.911 $\chi^2/\text{NDF}: 752.2/10$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 109.531 $\pm$ 1.174 χ^2 /NDF: 247.5/2

Left Out: 120.724 $\pm$ 0.820 χ^2 /NDF: 639.8/8

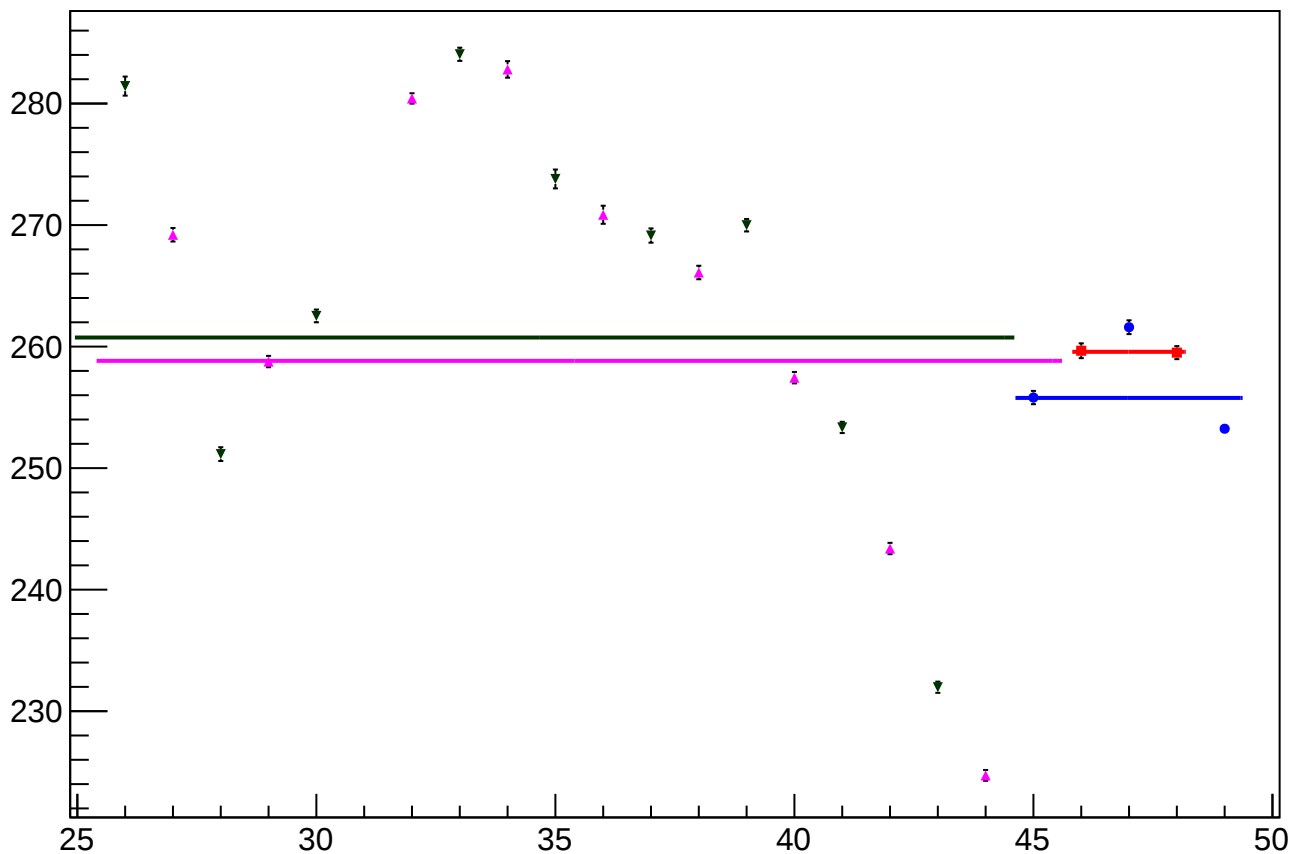
Right Out: 128.588 $\pm$ 1.898 χ^2 /NDF: 3.7/1

Left In: 115.784 $\pm$ 0.721 χ^2 /NDF: 983.2/8

117.052 $\pm$ 0.672 χ^2 /NDF: 948.5/11

117.399 $\pm$ 0.674 χ^2 /NDF: 1026.7/10

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 255.777 +/- 0.271 χ^2/NDF : 150.6/2

Left Out: 260.747 +/- 0.184 χ^2/NDF : 7794.0/8

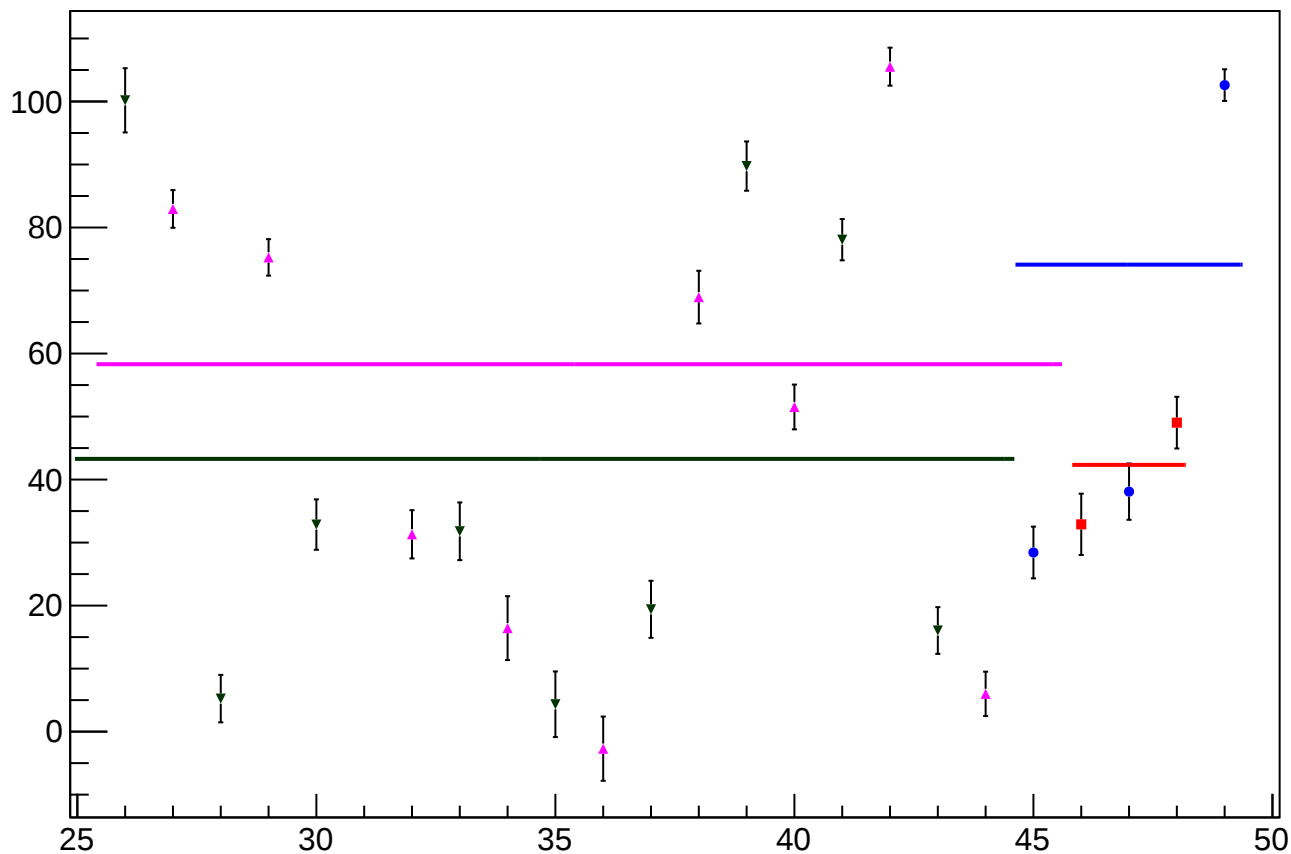
Right Out: 259.571 +/- 0.403 χ^2/NDF : 0.0/1

Left In: 258.828 +/- 0.170 χ^2/NDF : 11545.2/8

259.180 +/- 0.152 χ^2/NDF : 8174.1/11

258.940 +/- 0.157 χ^2/NDF : 11548.1/10

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 74.110 $\pm$ 1.933 χ^2 /NDF: 317.1/2

Left Out: 43.284 $\pm$ 1.366 χ^2 /NDF: 631.4/8

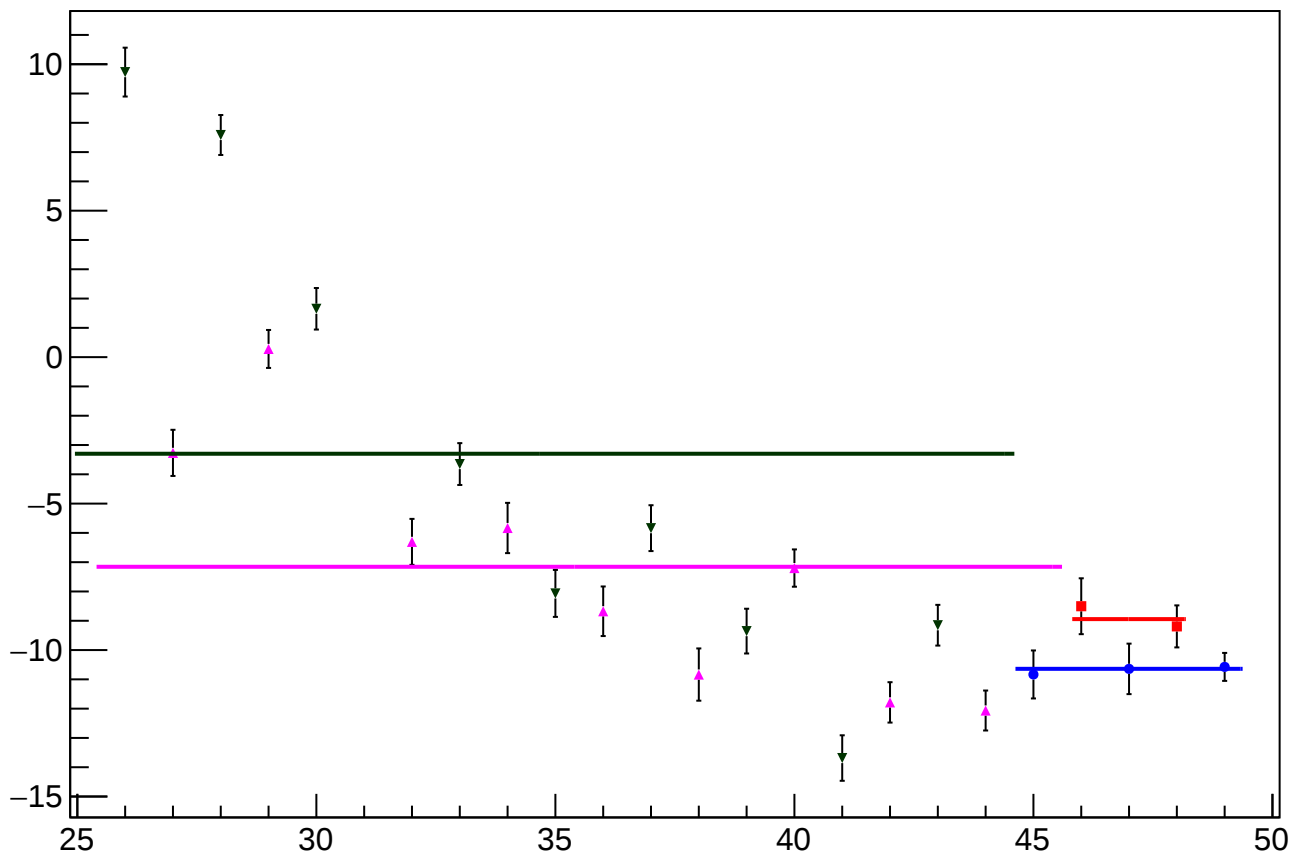
Right Out: 42.330 $\pm$ 3.137 χ^2 /NDF: 6.4/1

Left In: 58.307 $\pm$ 1.192 χ^2 /NDF: 839.3/8

53.546 $\pm$ 1.115 χ^2 /NDF: 1118.1/11

56.290 $\pm$ 1.114 χ^2 /NDF: 868.4/10

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.641 ± 0.372 $\chi^2/\text{NDF}: 0.1/2$

Left Out: -3.298 ± 0.249 $\chi^2/\text{NDF}: 906.1/8$

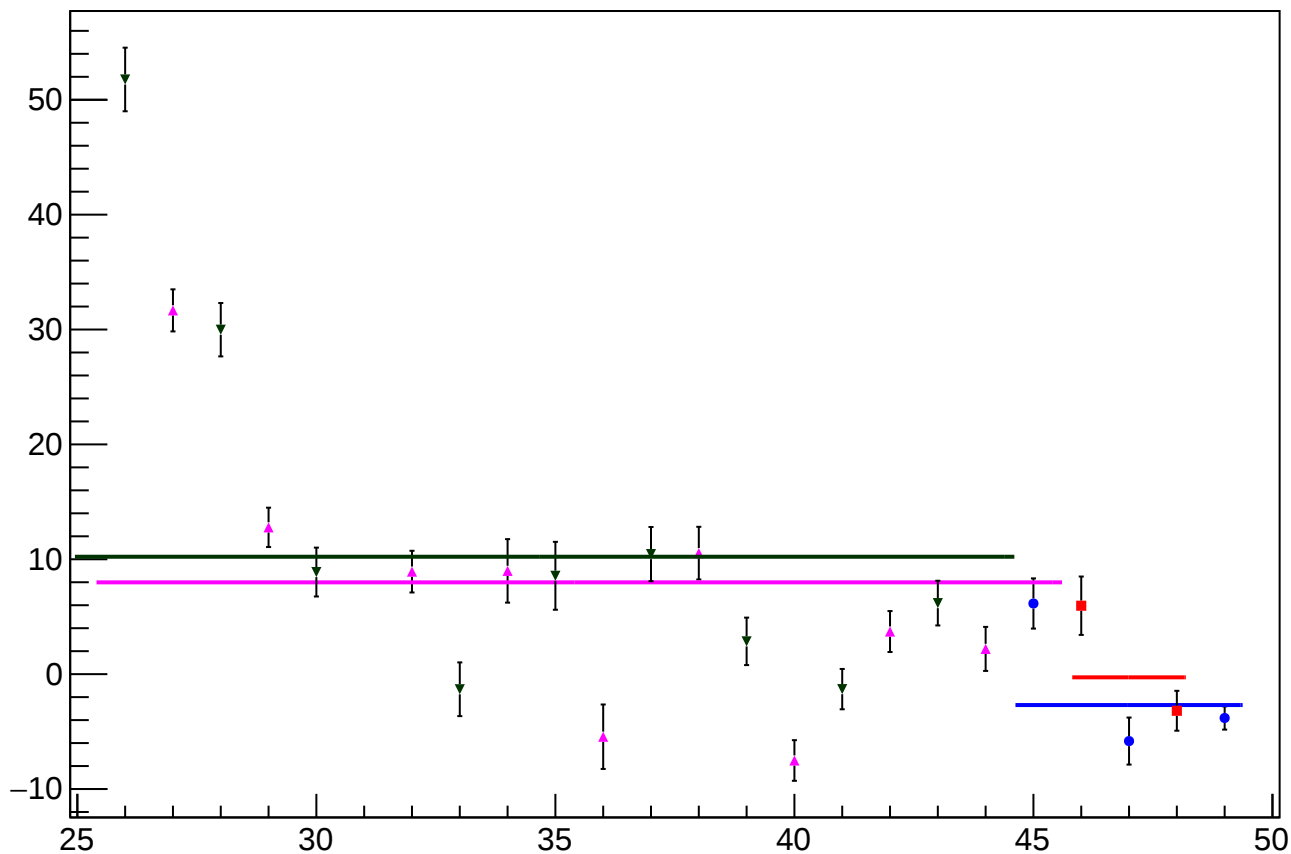
Right Out: -8.943 ± 0.573 $\chi^2/\text{NDF}: 0.3/1$

Left In: -7.157 ± 0.247 $\chi^2/\text{NDF}: 276.7/8$

-5.565 ± 0.207 $\chi^2/\text{NDF}: 1175.3/11$

-7.437 ± 0.227 $\chi^2/\text{NDF}: 285.2/10$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -2.690 ± 0.837 $\chi^2/\text{NDF}: 20.0/2$

Left Out: 10.220 ± 0.738 $\chi^2/\text{NDF}: 382.7/8$

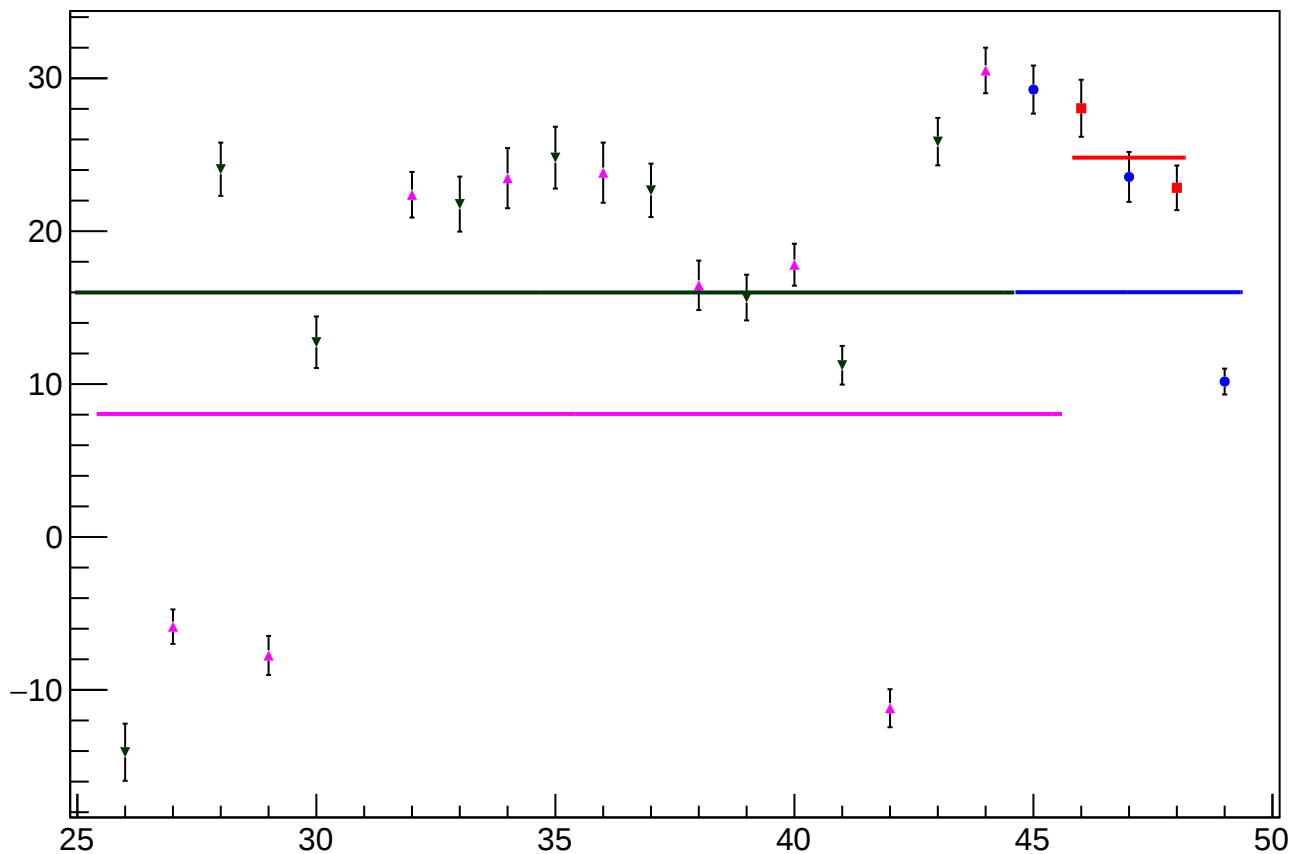
Right Out: -0.278 ± 1.433 $\chi^2/\text{NDF}: 8.8/1$

Left In: 7.990 ± 0.660 $\chi^2/\text{NDF}: 291.3/8$

4.575 ± 0.554 $\chi^2/\text{NDF}: 536.5/11$

6.545 ± 0.599 $\chi^2/\text{NDF}: 327.6/10$

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 16.009 $\pm$ 0.677 χ^2 /NDF: 140.3/2

Left Out: 15.992 $\pm$ 0.547 χ^2 /NDF: 383.0/8

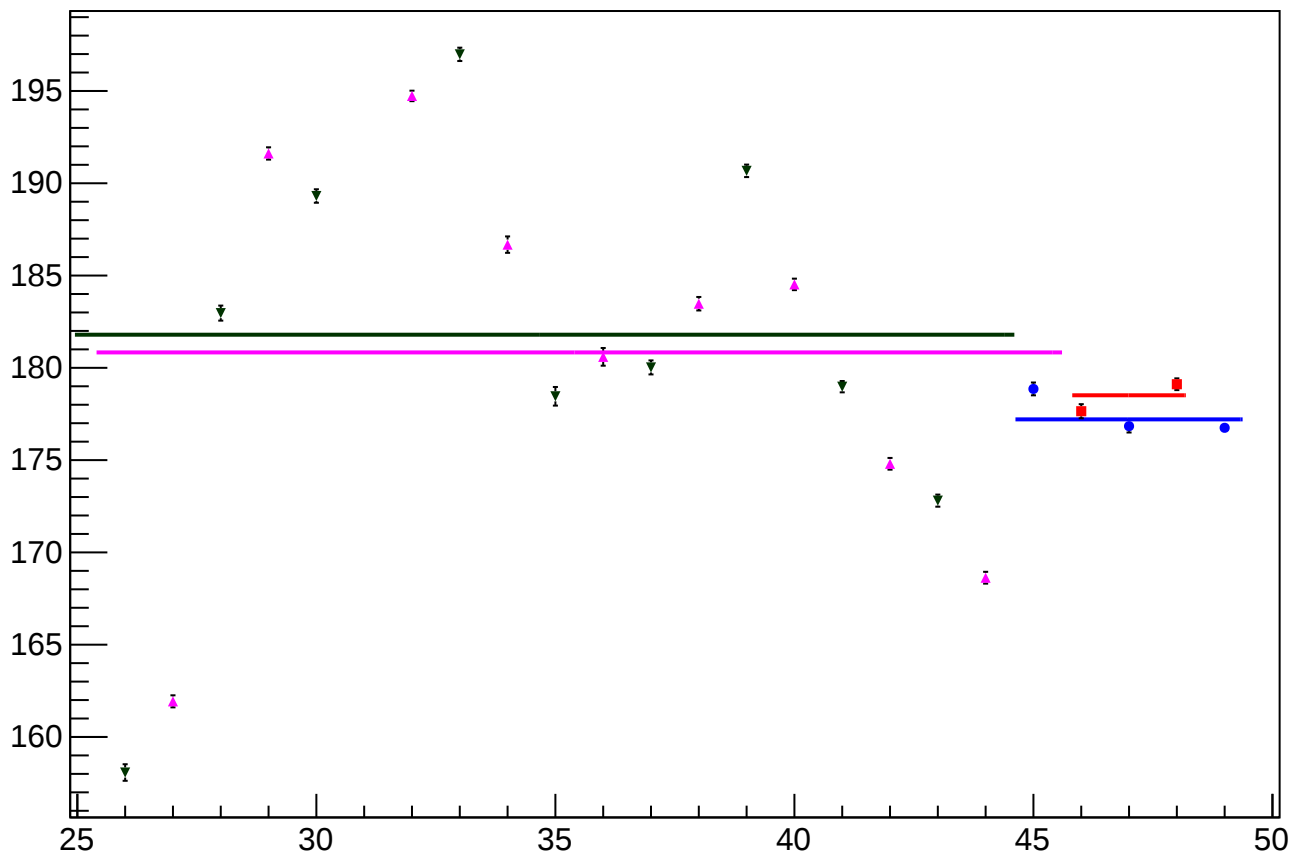
Right Out: 24.811 $\pm$ 1.149 χ^2 /NDF: 4.8/1

Left In: 8.048 $\pm$ 0.478 χ^2 /NDF: 1067.9/8

15.998 $\pm$ 0.426 χ^2 /NDF: 523.3/11

10.521 $\pm$ 0.441 χ^2 /NDF: 1254.1/10

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.208 ± 0.158 χ^2/NDF : 28.5/2

Left Out: 181.795 ± 0.123 χ^2/NDF : 6577.2/8

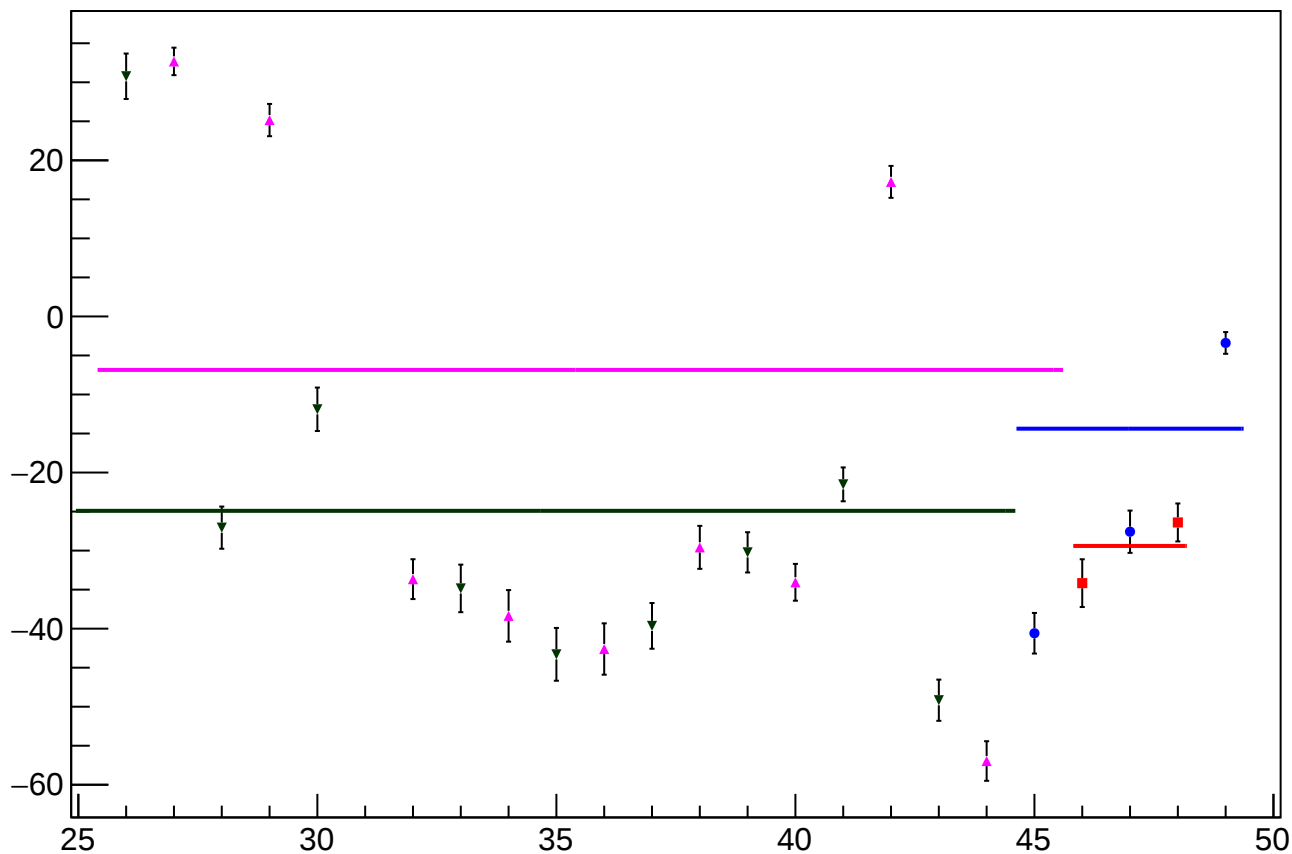
Right Out: 178.513 ± 0.245 χ^2/NDF : 8.6/1

Left In: 180.835 ± 0.114 χ^2/NDF : 8962.2/8

180.061 ± 0.097 χ^2/NDF : 7127.6/11

180.424 ± 0.103 χ^2/NDF : 9044.9/10

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -14.379 $\pm$ 1.118 χ^2/NDF : 187.5/2

Left Out: -24.905 $\pm$ 0.912 χ^2/NDF : 545.2/8

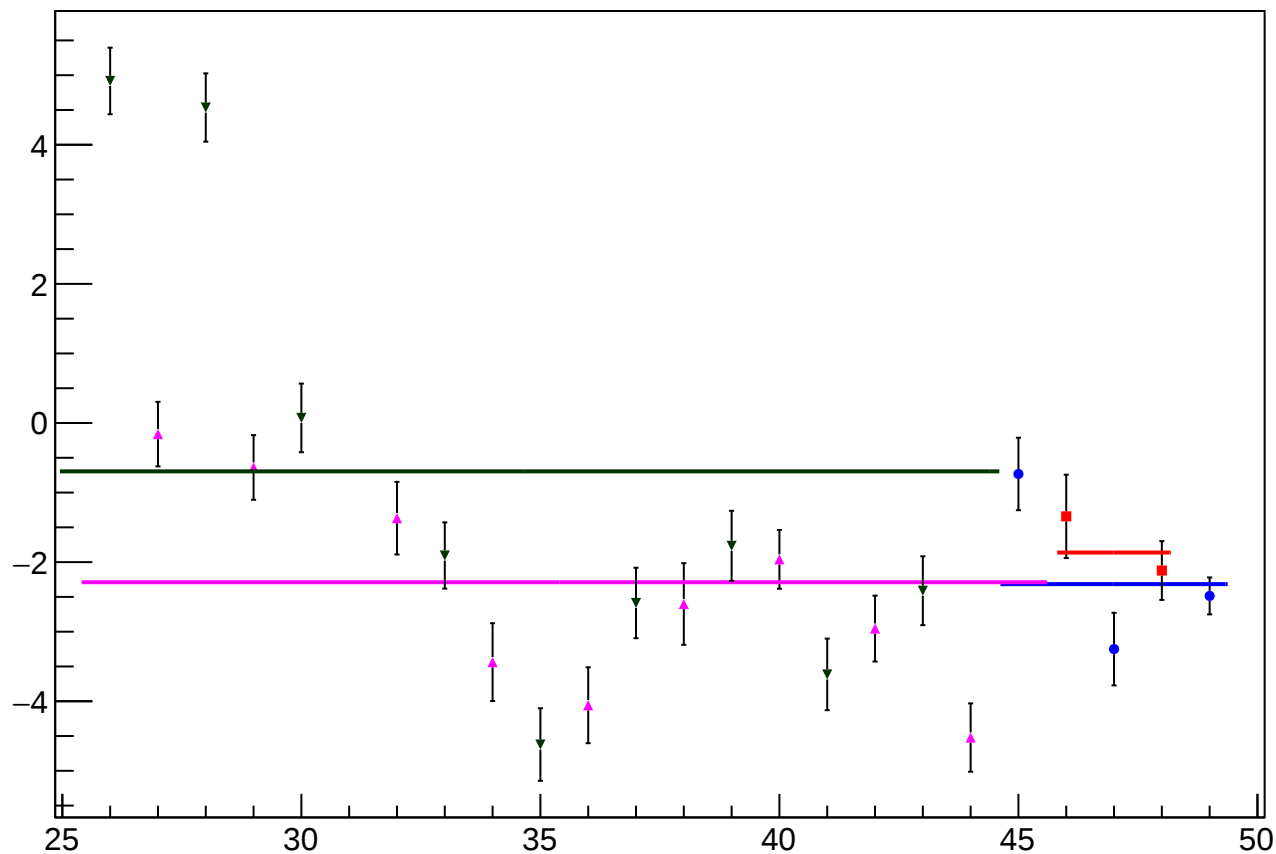
Right Out: -29.402 $\pm$ 1.903 χ^2/NDF : 4.0/1

Left In: -6.851 $\pm$ 0.790 χ^2/NDF : 1794.2/8

-20.698 $\pm$ 0.707 χ^2/NDF : 785.9/11

-10.169 $\pm$ 0.730 χ^2/NDF : 1918.0/10

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.316 ± 0.215 $\chi^2/\text{NDF}: 12.9/2$

Left Out: -0.695 ± 0.166 $\chi^2/\text{NDF}: 379.5/8$

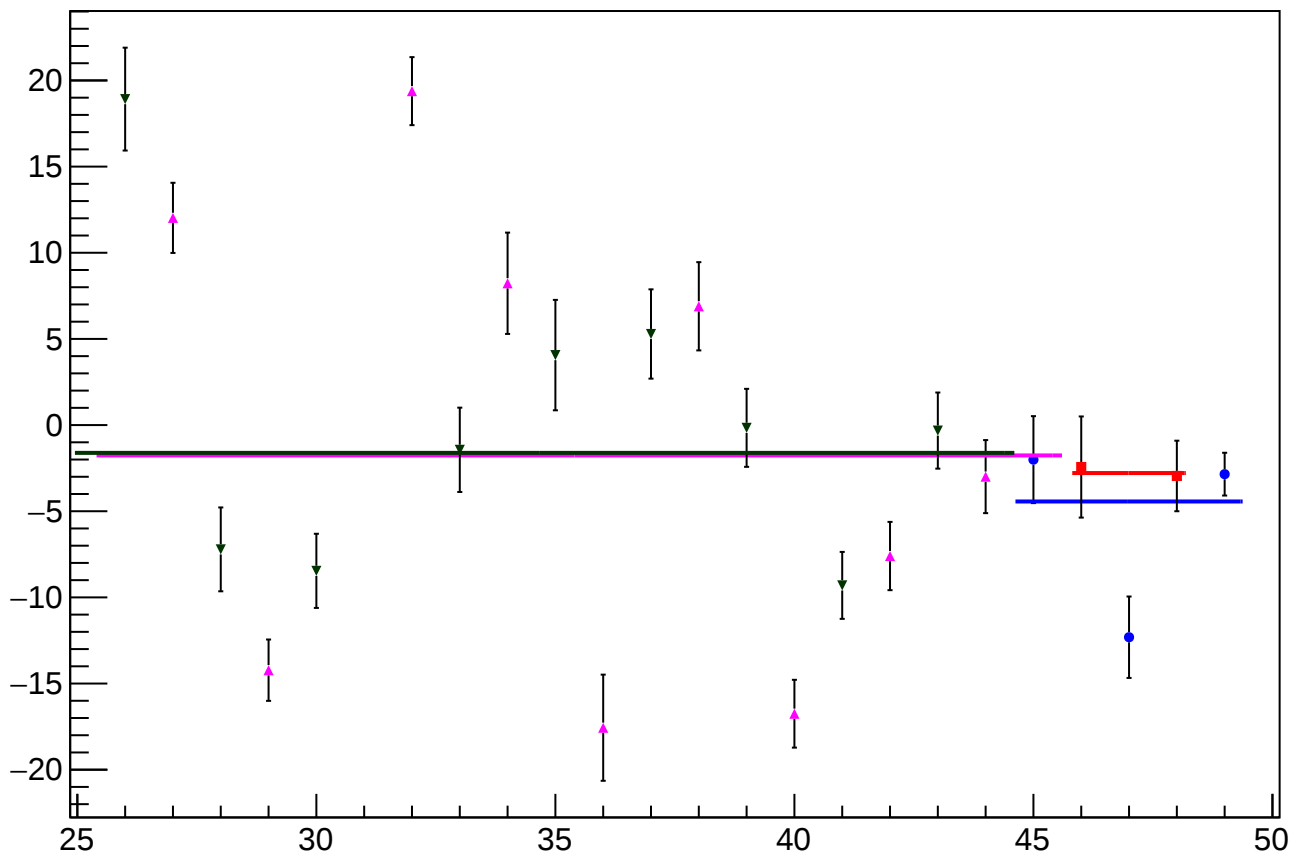
Right Out: -1.862 ± 0.345 $\chi^2/\text{NDF}: 1.1/1$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.298 ± 0.131 $\chi^2/\text{NDF}: 427.9/11$

-2.210 ± 0.149 $\chi^2/\text{NDF}: 77.4/10$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -4.434+/-1.007 χ^2 /NDF: 13.7/2

Left Out: -1.613+/-0.797 χ^2 /NDF:89.4/8

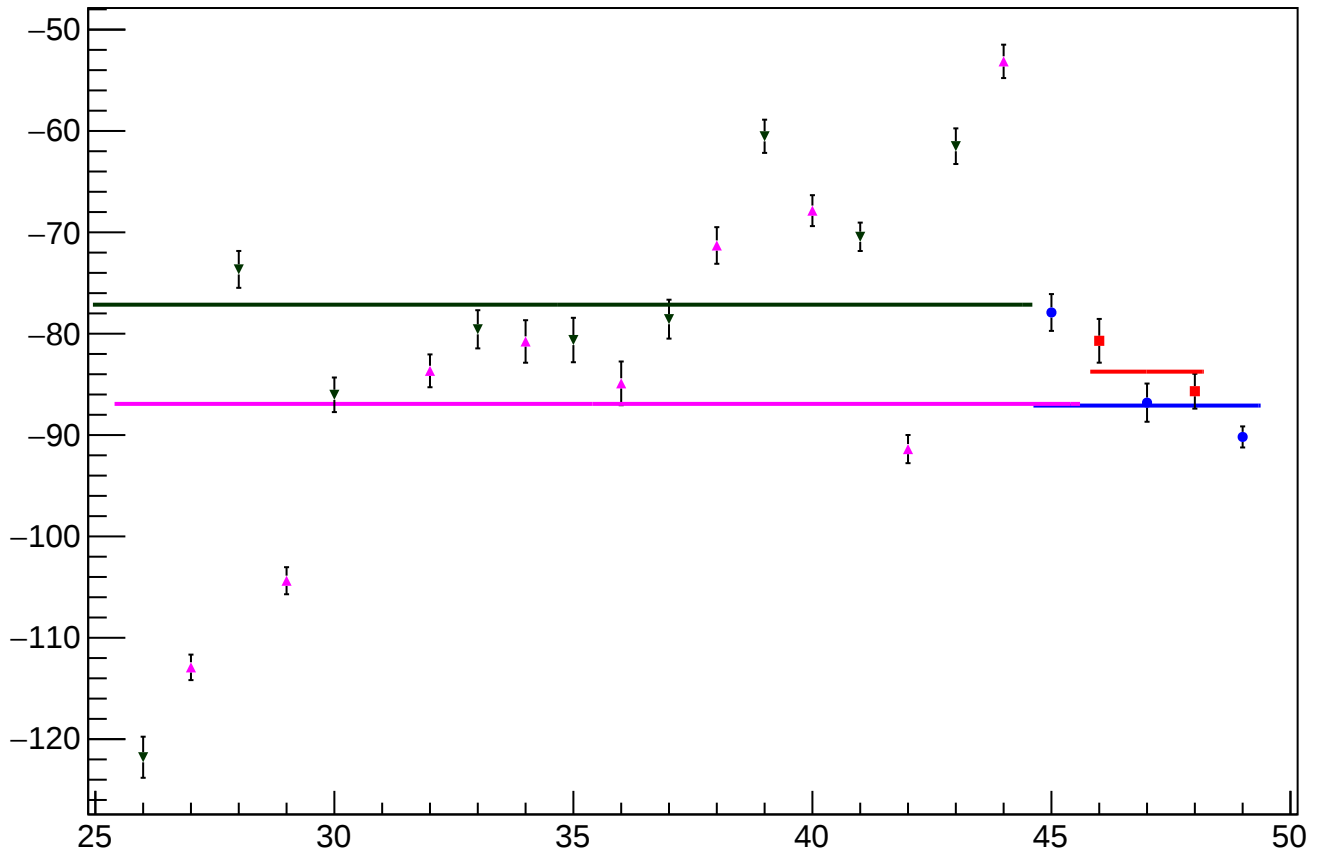
Right Out: -2.784+/-1.679 χ^2 /NDF: 0.0/1

Left In: -1.762+/-0.721 χ^2 /NDF:326.0/8

-2.699+/-0.625 χ^2 /NDF: 107.9/11

-1.921+/-0.663 χ^2 /NDF: 326.3/10

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -87.091 ± 0.814 χ^2/NDF : 34.5/2

Left Out: -77.138 ± 0.592 χ^2/NDF : 725.4/8

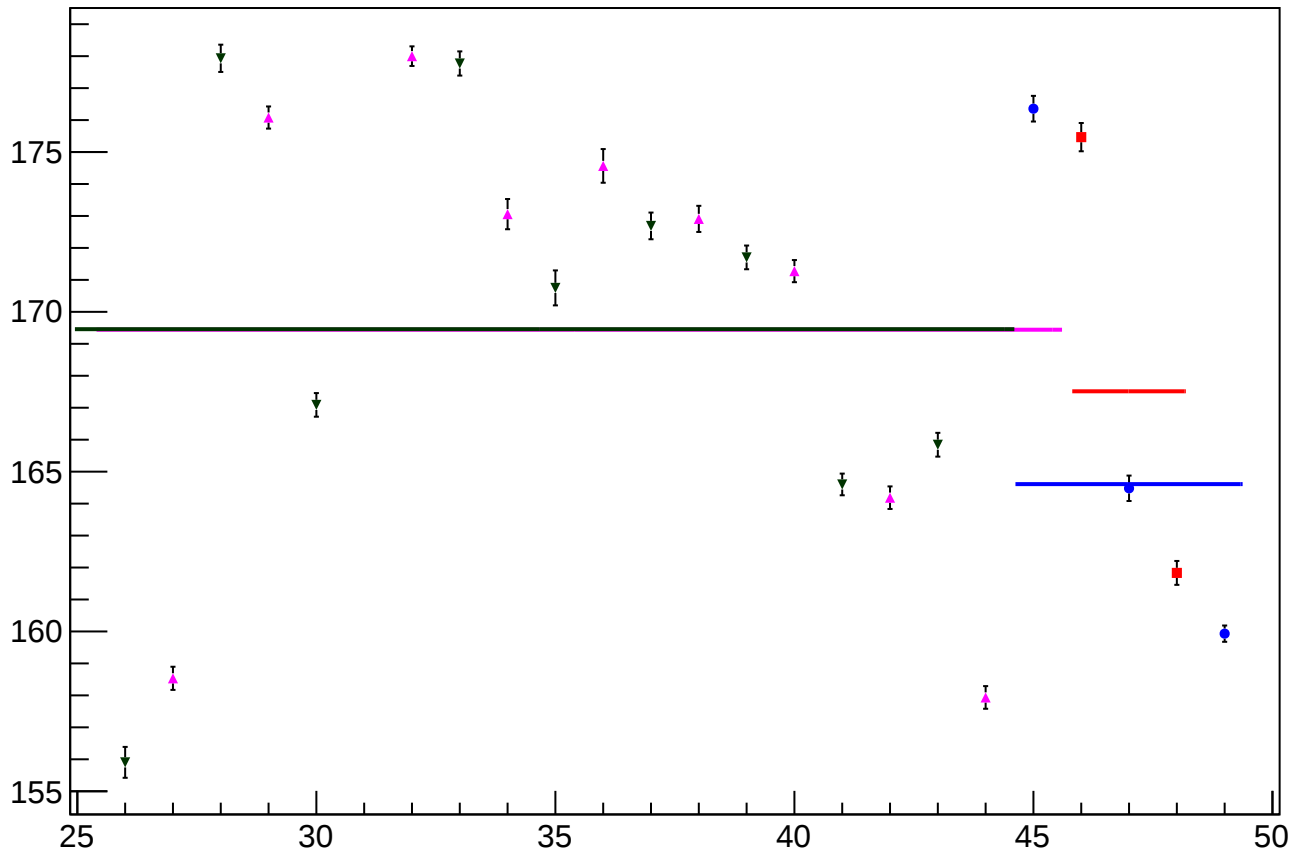
Right Out: -83.745 ± 1.344 χ^2/NDF : 3.2/1

Left In: -86.925 ± 0.524 χ^2/NDF : 1273.0/8

-80.581 ± 0.479 χ^2/NDF : 857.7/11

-86.505 ± 0.488 χ^2/NDF : 1281.1/10

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 164.610 $\pm$ 0.189 χ^2 /NDF: 1192.5/2

Left Out: 169.458 $\pm$ 0.133 χ^2 /NDF:2105.9/8

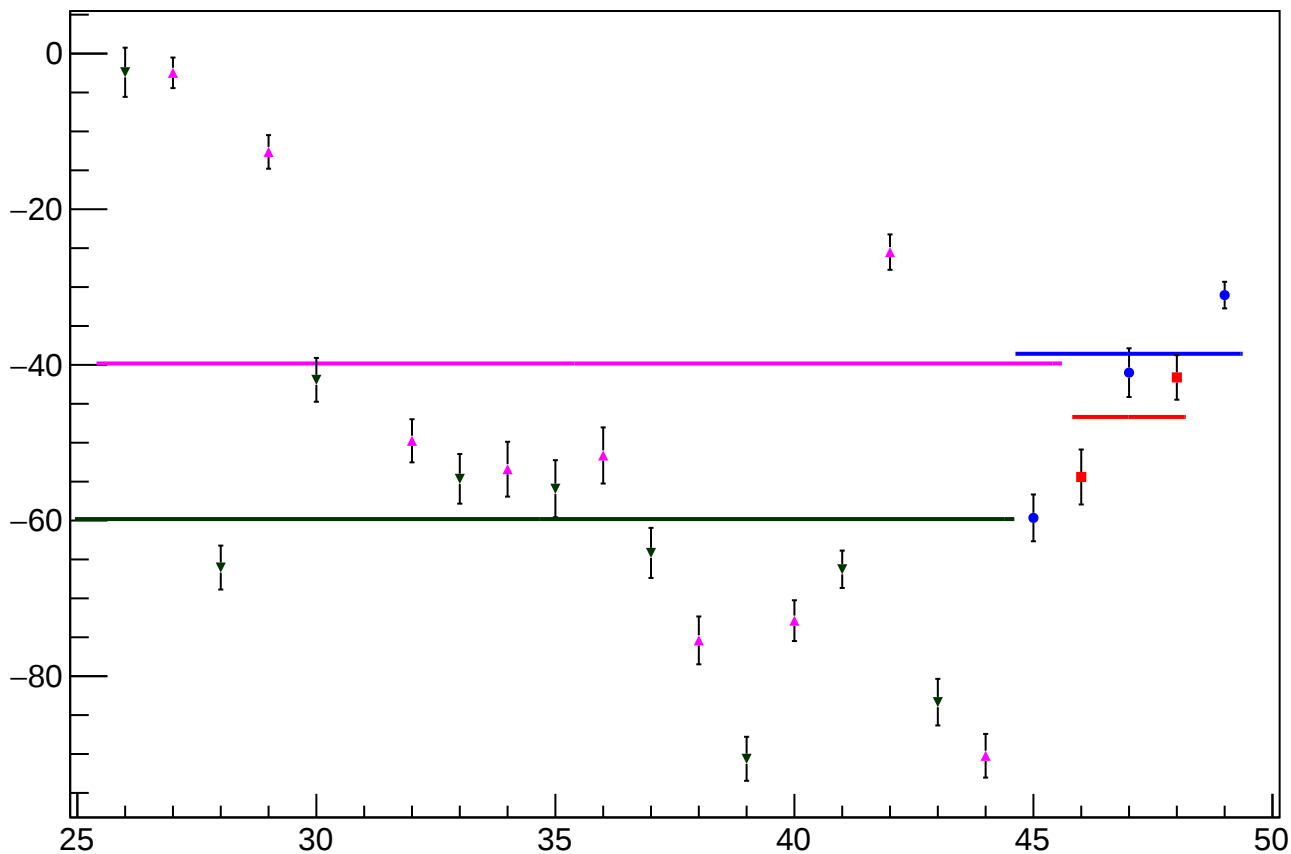
Right Out: 167.514 $\pm$ 0.286 χ^2 /NDF: 554.1/1

Left In: 169.441 $\pm$ 0.124 χ^2 /NDF:3580.5/8

167.851 $\pm$ 0.109 χ^2 /NDF: 3737.1/11

169.135 $\pm$ 0.114 χ^2 /NDF: 4172.9/10

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -38.573 ± 1.342 $\chi^2/\text{NDF}: 69.3/2$

Left Out: -59.812 ± 0.985 $\chi^2/\text{NDF}: 568.6/8$

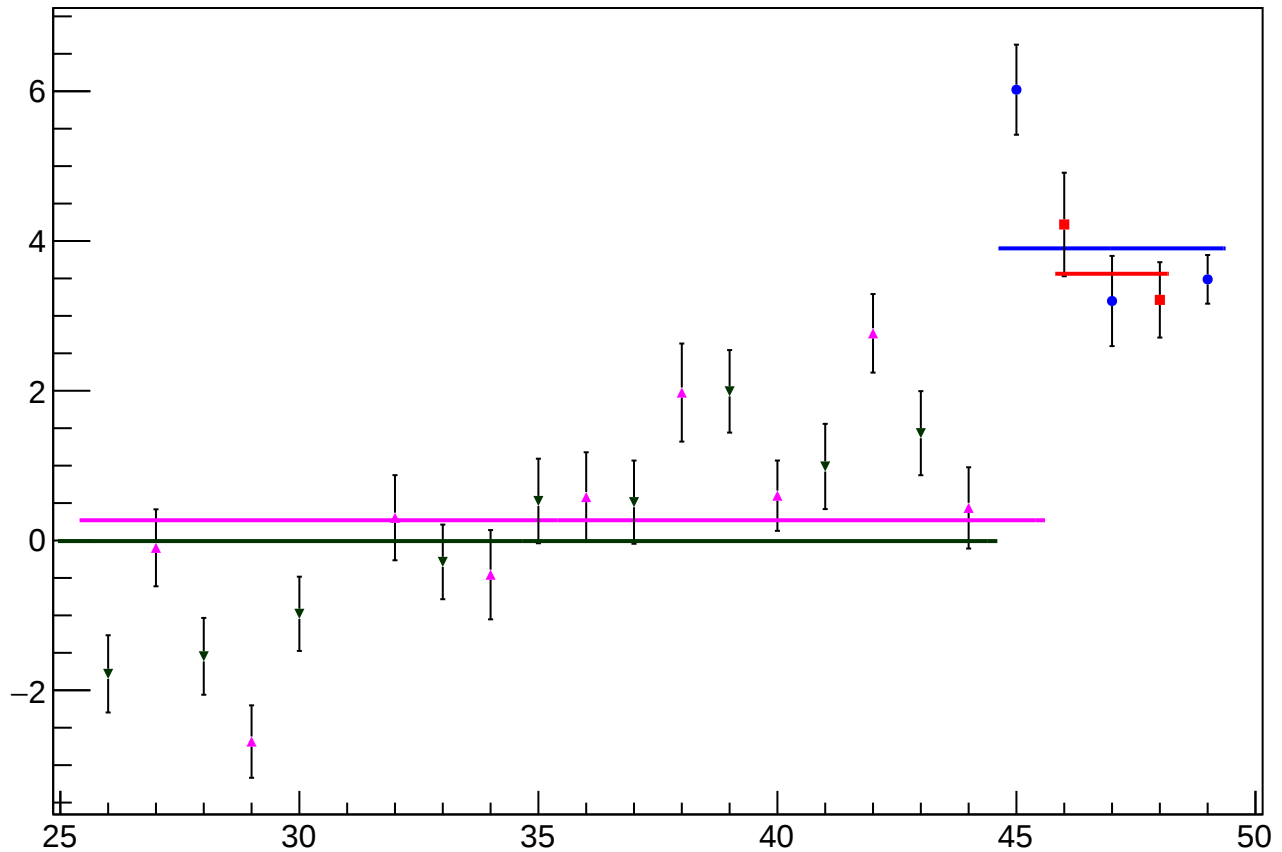
Right Out: -46.687 ± 2.224 $\chi^2/\text{NDF}: 7.9/1$

Left In: -39.815 ± 0.866 $\chi^2/\text{NDF}: 1214.9/8$

-52.379 ± 0.794 $\chi^2/\text{NDF}: 800.7/11$

-40.719 ± 0.807 $\chi^2/\text{NDF}: 1231.1/10$

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 3.902 $\pm$ 0.258 χ^2 /NDF: 15.4/2

Left Out: -0.008 $\pm$ 0.178 χ^2 /NDF: 49.6/8

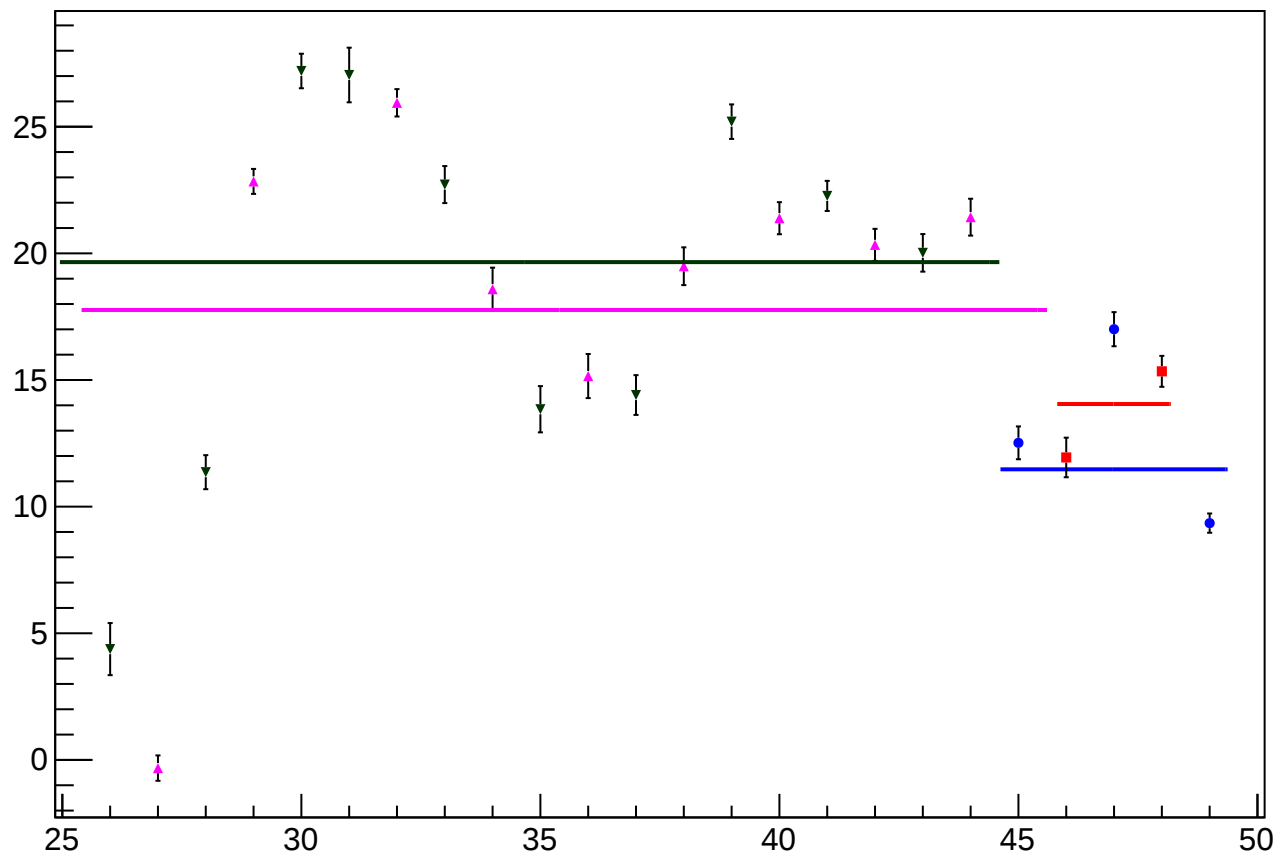
Right Out: 3.562 $\pm$ 0.407 χ^2 /NDF: 1.4/1

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

1.251 $\pm$ 0.147 χ^2 /NDF: 220.3/11

0.812 $\pm$ 0.165 χ^2 /NDF: 125.7/10

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 11.473 ± 0.295 χ^2/NDF : 101.3/2

Left Out: 19.654 ± 0.238 χ^2/NDF : 731.5/9

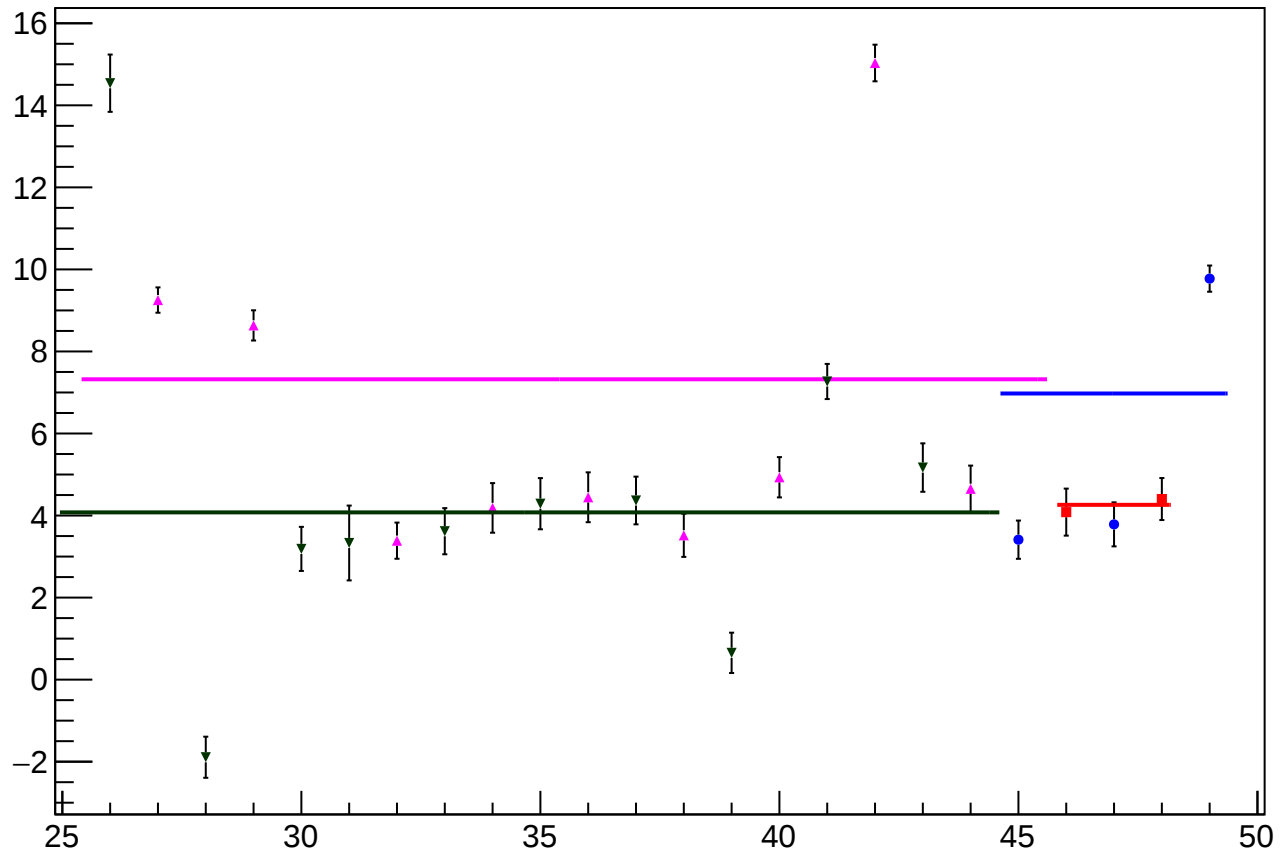
Right Out: 14.052 ± 0.481 χ^2/NDF : 11.8/1

Left In: 17.765 ± 0.209 χ^2/NDF : 1728.2/8

16.429 ± 0.185 χ^2/NDF : 1299.0/12

17.176 ± 0.192 χ^2/NDF : 1790.1/10

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 6.975 ± 0.236 χ^2/NDF : 170.7/2

Left Out: 4.077 ± 0.177 χ^2/NDF : 478.1/9

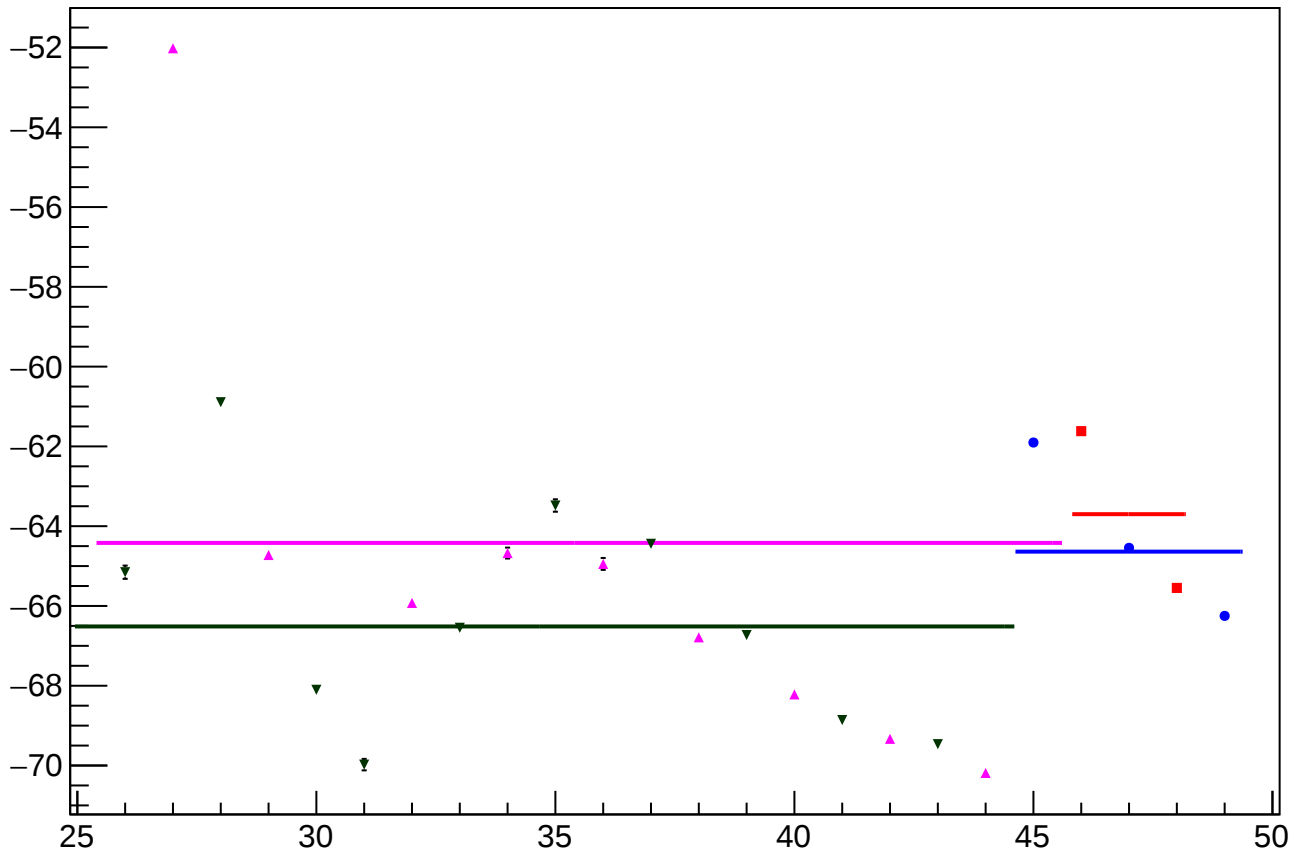
Right Out: 4.261 ± 0.382 χ^2/NDF : 0.2/1

Left In: 7.322 ± 0.150 χ^2/NDF : 577.2/8

5.120 ± 0.142 χ^2/NDF : 745.0/12

6.912 ± 0.140 χ^2/NDF : 633.0/10

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.638 $\pm$ 0.055 χ^2 /NDF: 1125.7/2

Left Out: -66.514 $\pm$ 0.039 χ^2 /NDF: 4814.8/9

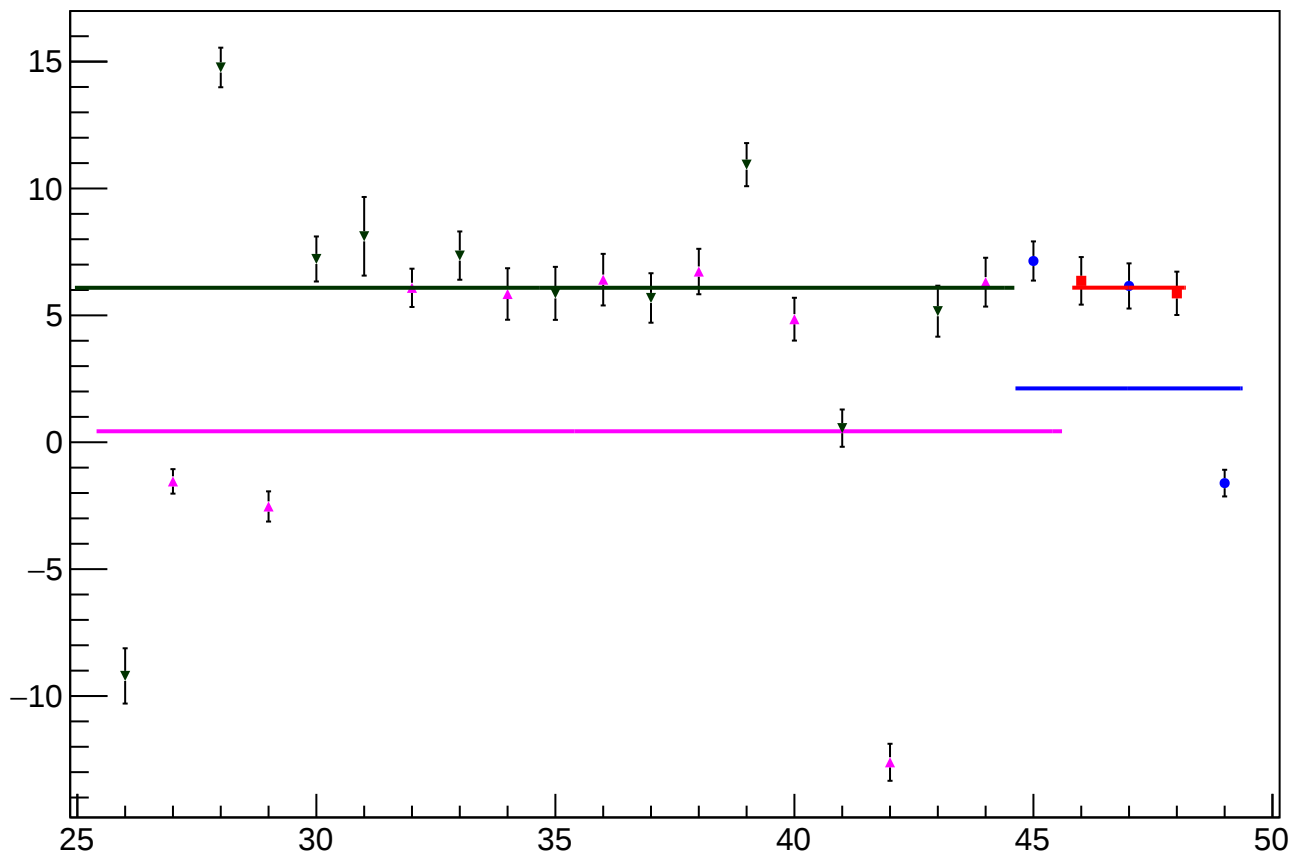
Right Out: -63.699 $\pm$ 0.081 χ^2 /NDF: 586.8/1

Left In: -64.419 $\pm$ 0.036 χ^2 /NDF: 25022.3/8

-65.873 $\pm$ 0.032 χ^2 /NDF: 6717.4/12

-64.300 $\pm$ 0.033 χ^2 /NDF: 25675.2/10

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 2.122 $\pm$ 0.390 χ^2 /NDF: 113.4/2

Left Out: 6.087 $\pm$ 0.295 χ^2 /NDF: 416.6/9

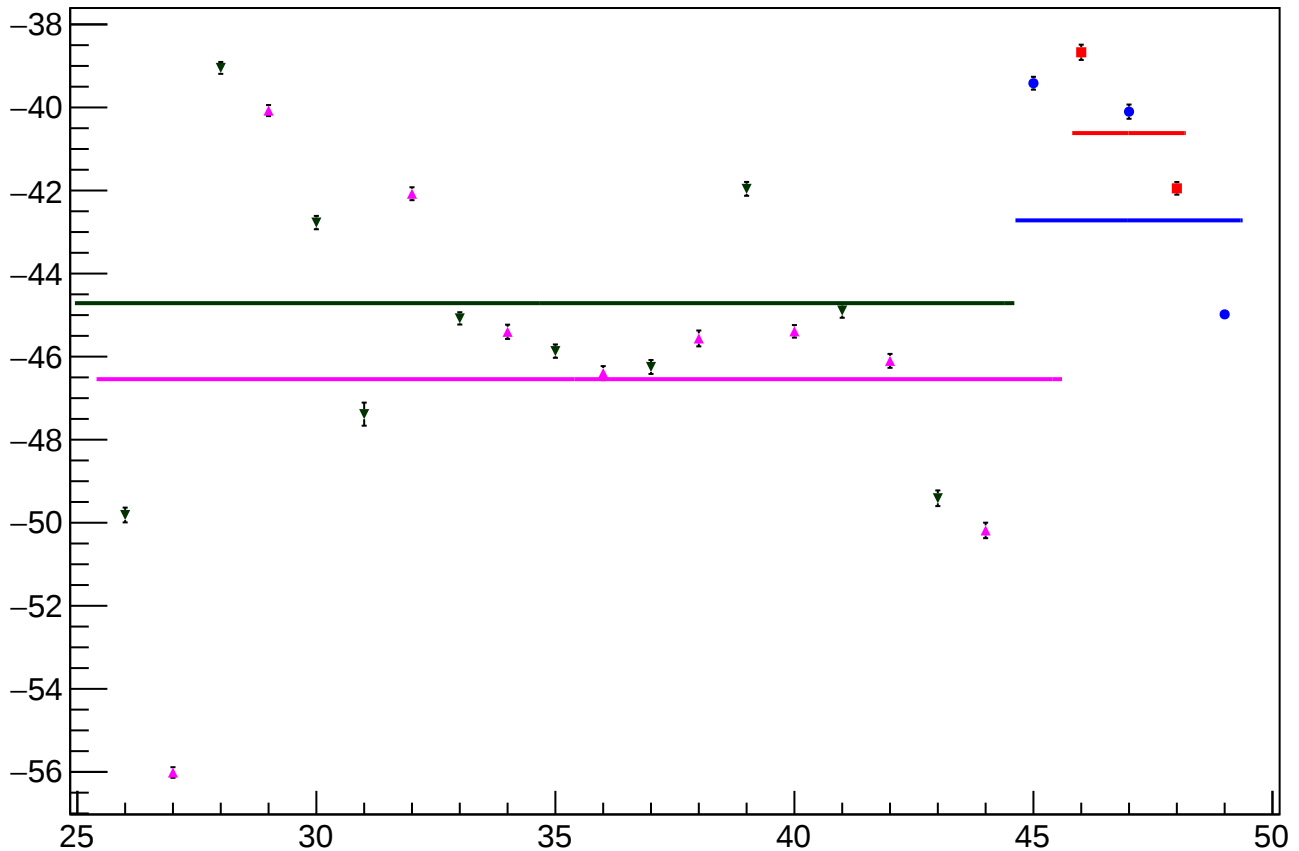
Right Out: 6.091 $\pm$ 0.631 χ^2 /NDF: 0.2/1

Left In: 0.433 $\pm$ 0.247 χ^2 /NDF: 594.7/8

4.644 $\pm$ 0.235 χ^2 /NDF: 595.7/12

1.182 $\pm$ 0.230 χ^2 /NDF: 664.6/10

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.719 $\pm$ 0.075 χ^2 /NDF: 1202.9/2

Left Out: -44.712 $\pm$ 0.054 χ^2 /NDF:3648.7/9

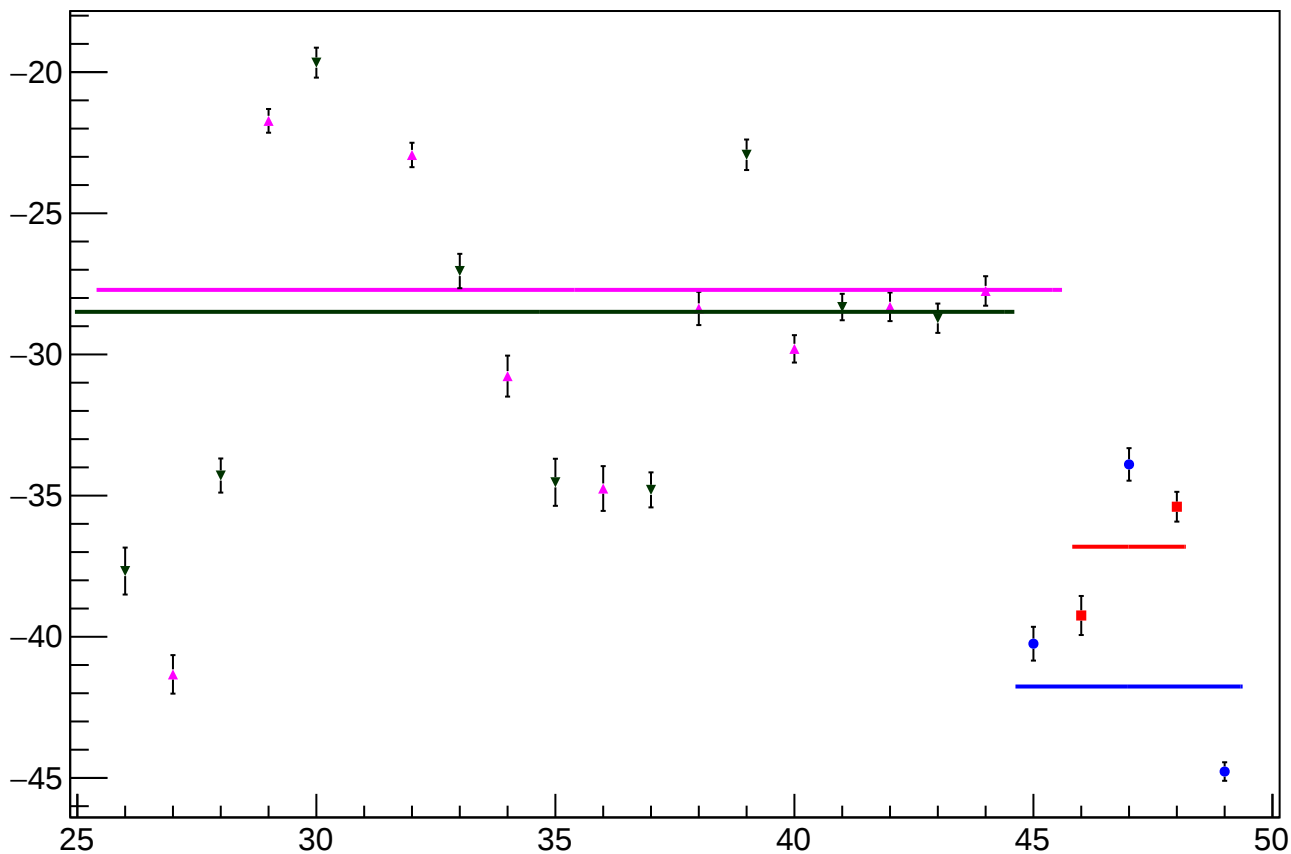
Right Out: -40.617 $\pm$ 0.117 χ^2 /NDF: 188.6/1

Left In: -46.543 $\pm$ 0.052 χ^2 /NDF:9214.1/8

-44.042 $\pm$ 0.044 χ^2 /NDF: 5316.2/12

-45.553 $\pm$ 0.048 χ^2 /NDF: 11533.7/10

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -41.762 ± 0.257 $\chi^2/\text{NDF}: 277.0/2$

Left Out: -28.490 ± 0.195 $\chi^2/\text{NDF}: 758.4/8$

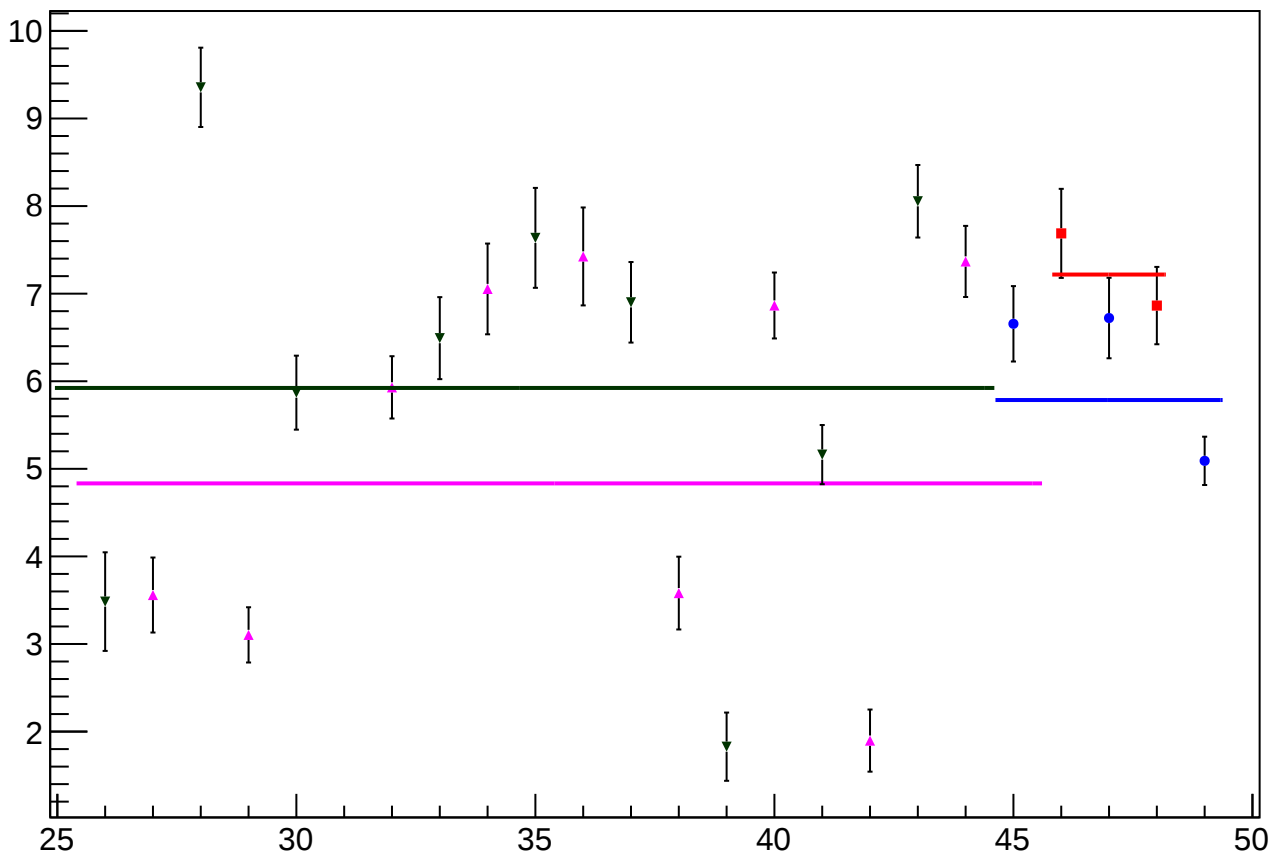
Right Out: -36.810 ± 0.419 $\chi^2/\text{NDF}: 19.6/1$

Left In: -27.713 ± 0.179 $\chi^2/\text{NDF}: 841.0/8$

-33.343 ± 0.156 $\chi^2/\text{NDF}: 2720.8/11$

-29.109 ± 0.164 $\chi^2/\text{NDF}: 1258.8/10$

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.786 $\pm$ 0.207 χ^2 /NDF: 14.6/2

Left Out: 5.923 $\pm$ 0.146 χ^2 /NDF: 233.4/8

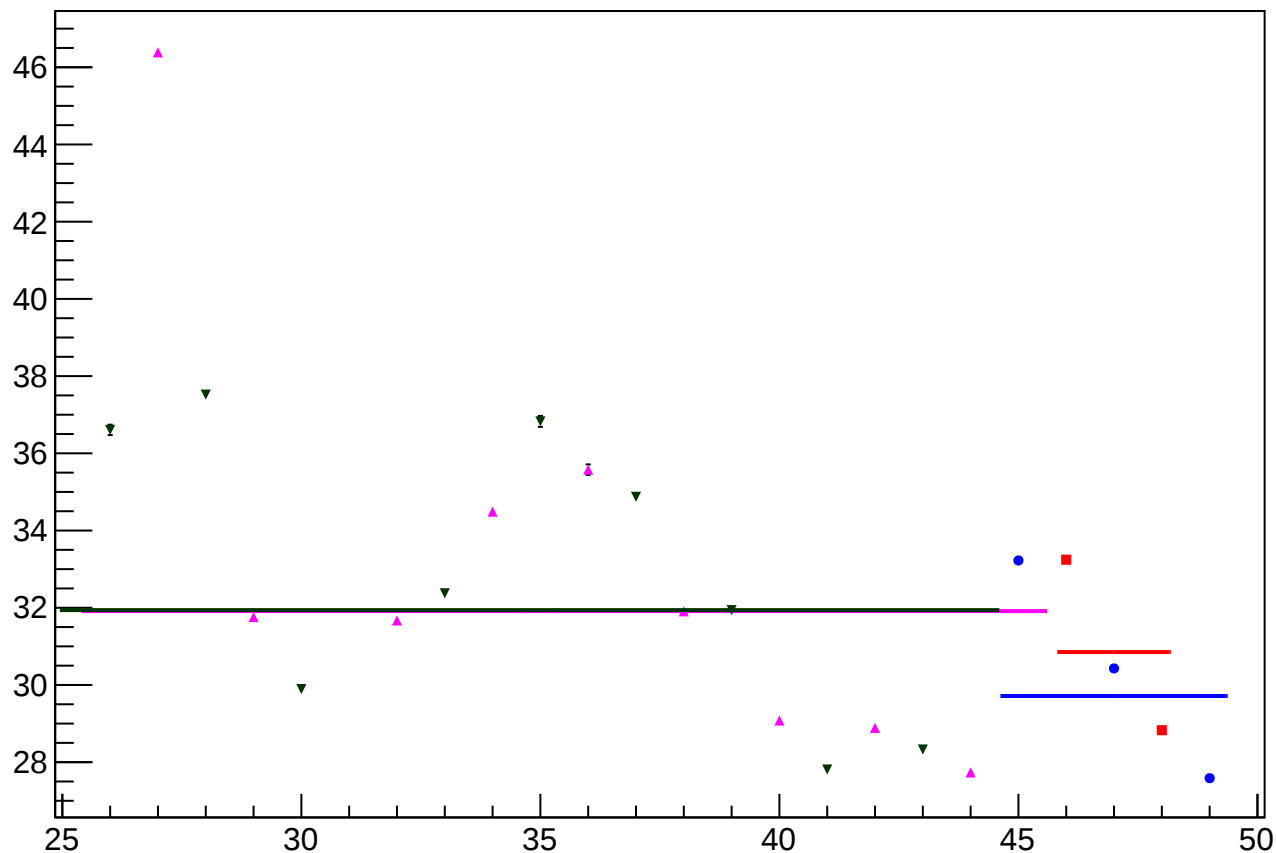
Right Out: 7.218 $\pm$ 0.333 χ^2 /NDF: 1.5/1

Left In: 4.834 $\pm$ 0.132 χ^2 /NDF: 234.0/8

5.878 $\pm$ 0.119 χ^2 /NDF: 248.2/11

5.158 $\pm$ 0.123 χ^2 /NDF: 279.7/10

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.714+/-0.048 χ^2/NDF : 2405.9/2

Left Out: 31.939+/-0.033 χ^2/NDF : 10847.9/8

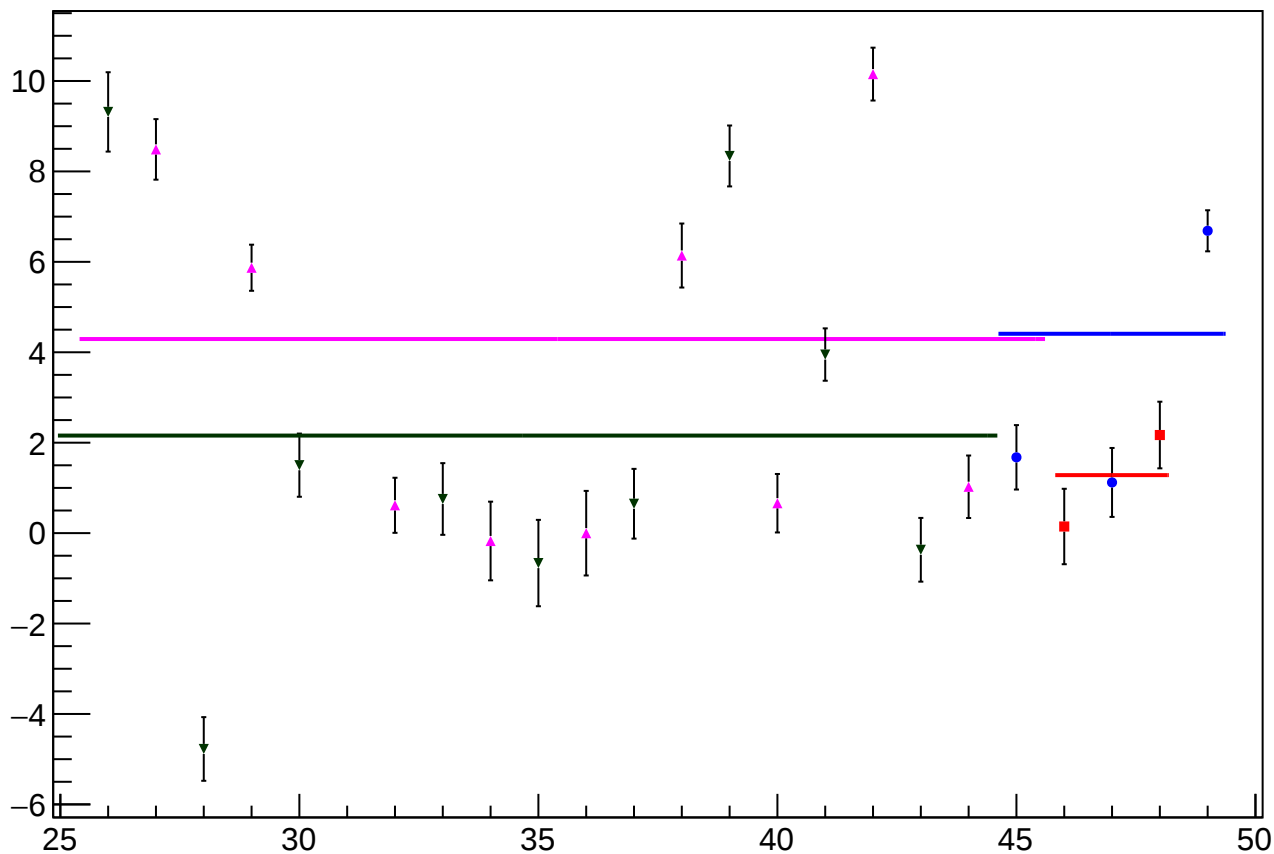
Right Out: 30.852+/-0.070 χ^2/NDF : 974.9/1

Left In: 31.913+/-0.031 χ^2/NDF : 20133.4/8

31.235+/-0.027 χ^2/NDF : 14726.6/11

31.745+/-0.028 χ^2/NDF : 21299.0/10

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 4.409 ± 0.342 $\chi^2/\text{NDF}: 58.4/2$

Left Out: 2.158 ± 0.243 $\chi^2/\text{NDF}: 286.7/8$

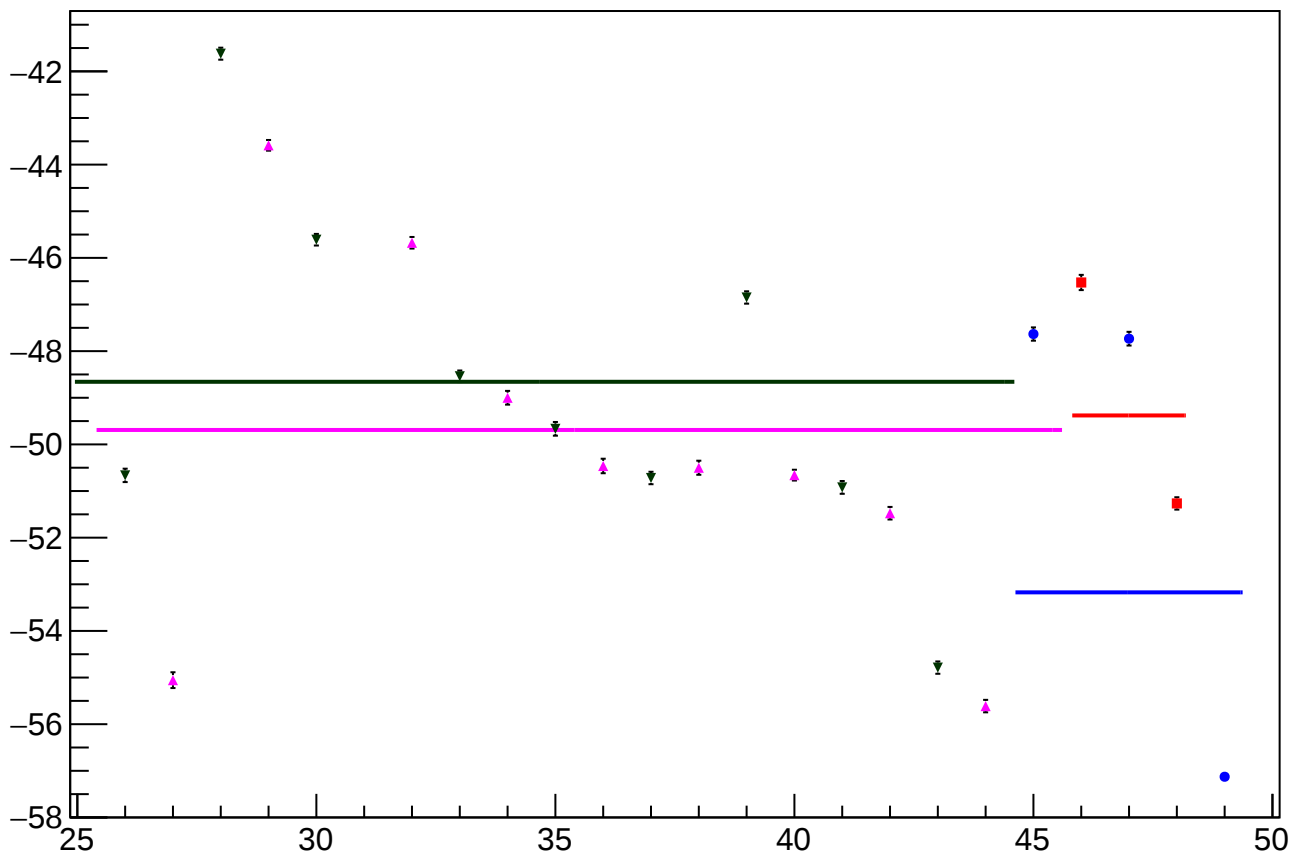
Right Out: 1.283 ± 0.552 $\chi^2/\text{NDF}: 3.3/1$

Left In: 4.293 ± 0.220 $\chi^2/\text{NDF}: 293.8/8$

2.912 ± 0.198 $\chi^2/\text{NDF}: 373.9/11$

3.880 ± 0.204 $\chi^2/\text{NDF}: 322.7/10$

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -53.173+/-0.066 χ^2/NDF : 4953.6/2

Left Out: -48.657+/-0.044 χ^2/NDF : 6659.9/8

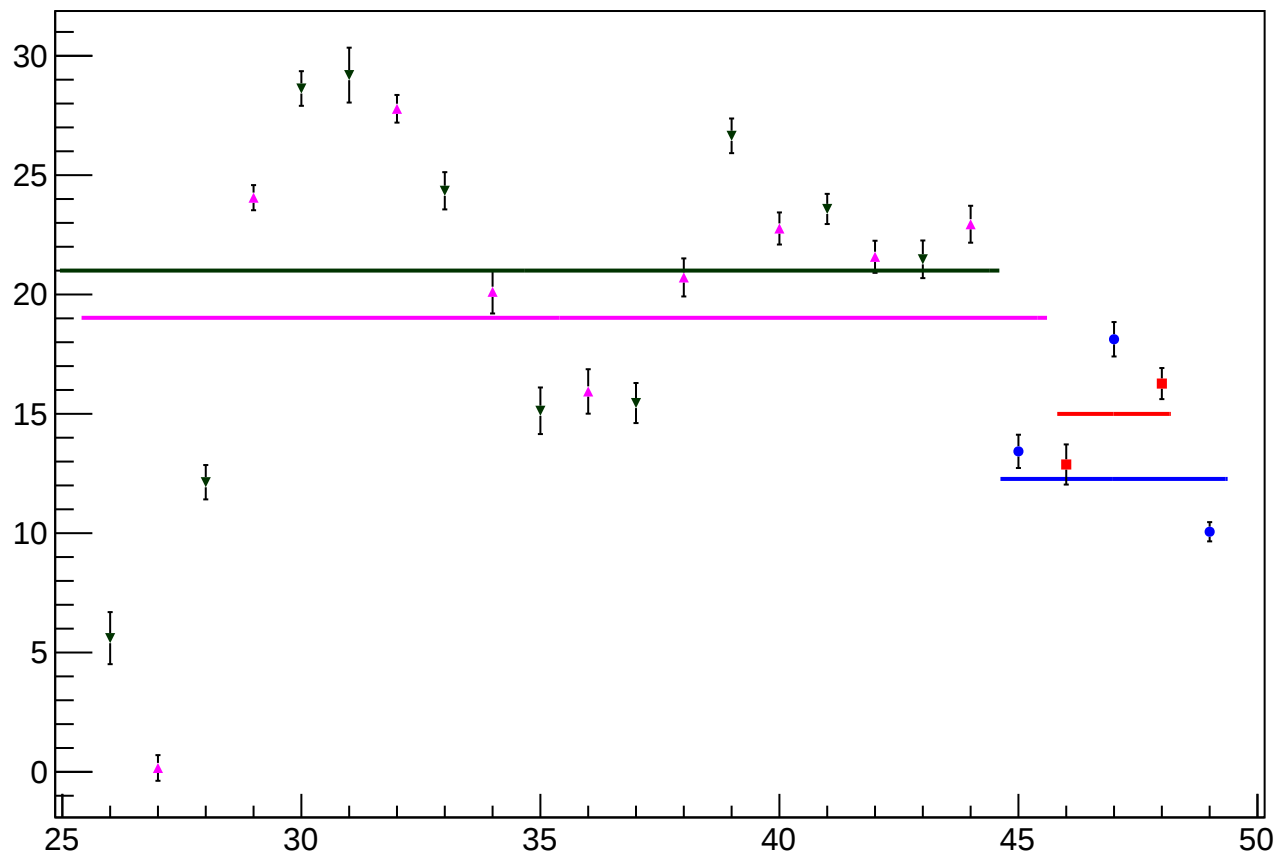
Right Out: -49.379+/-0.103 χ^2/NDF : 506.9/1

Left In: -49.690+/-0.045 χ^2/NDF : 7146.4/8

-50.058+/-0.037 χ^2/NDF : 14822.4/11

-49.640+/-0.041 χ^2/NDF : 7661.0/10

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 12.273 ± 0.314 χ^2/NDF : 98.8/2

Left Out: 21.002 ± 0.254 χ^2/NDF : 688.1/9

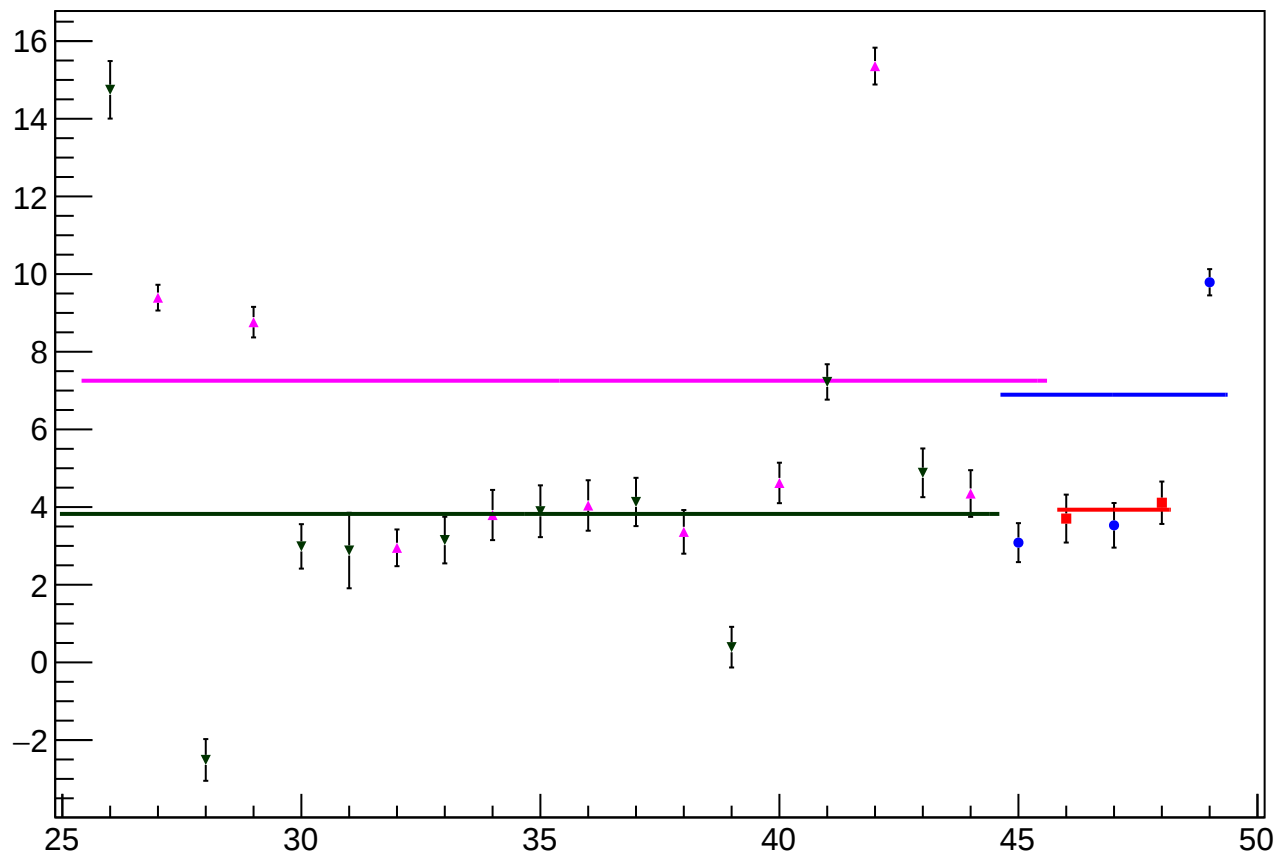
Right Out: 14.997 ± 0.515 χ^2/NDF : 10.2/1

Left In: 19.023 ± 0.223 χ^2/NDF : 1636.4/8

17.557 ± 0.197 χ^2/NDF : 1254.5/12

18.386 ± 0.205 χ^2/NDF : 1698.0/10

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 6.894 $\pm$ 0.252 χ^2 /NDF: 165.2/2

Left Out: 3.824 $\pm$ 0.189 χ^2 /NDF: 462.2/9

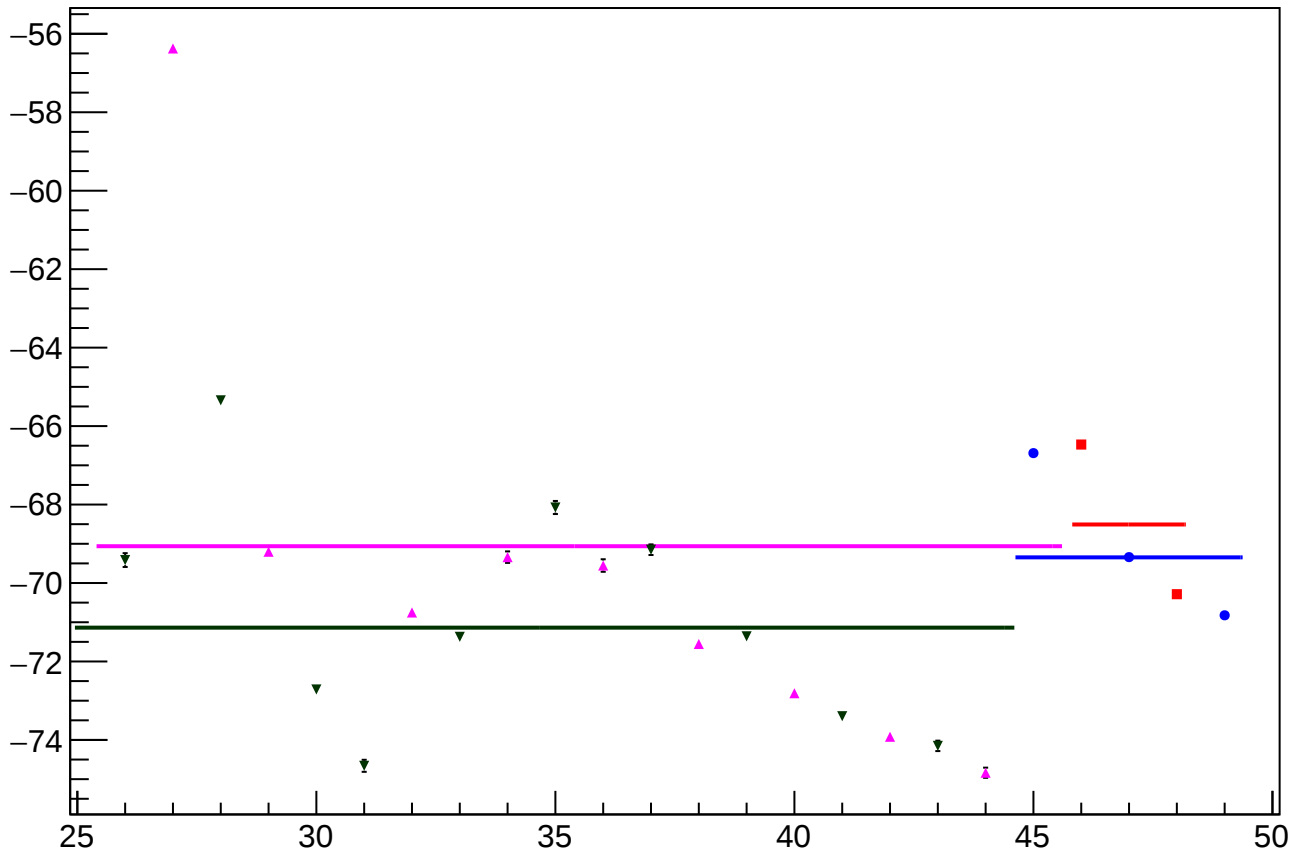
Right Out: 3.932 $\pm$ 0.409 χ^2 /NDF: 0.2/1

Left In: 7.254 $\pm$ 0.160 χ^2 /NDF: 580.6/8

4.928 $\pm$ 0.151 χ^2 /NDF: 722.5/12

6.811 $\pm$ 0.149 χ^2 /NDF: 638.0/10

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.346 $\pm$ 0.058 χ^2 /NDF: 888.8/2

Left Out: -71.138 $\pm$ 0.042 χ^2 /NDF:4371.0/9

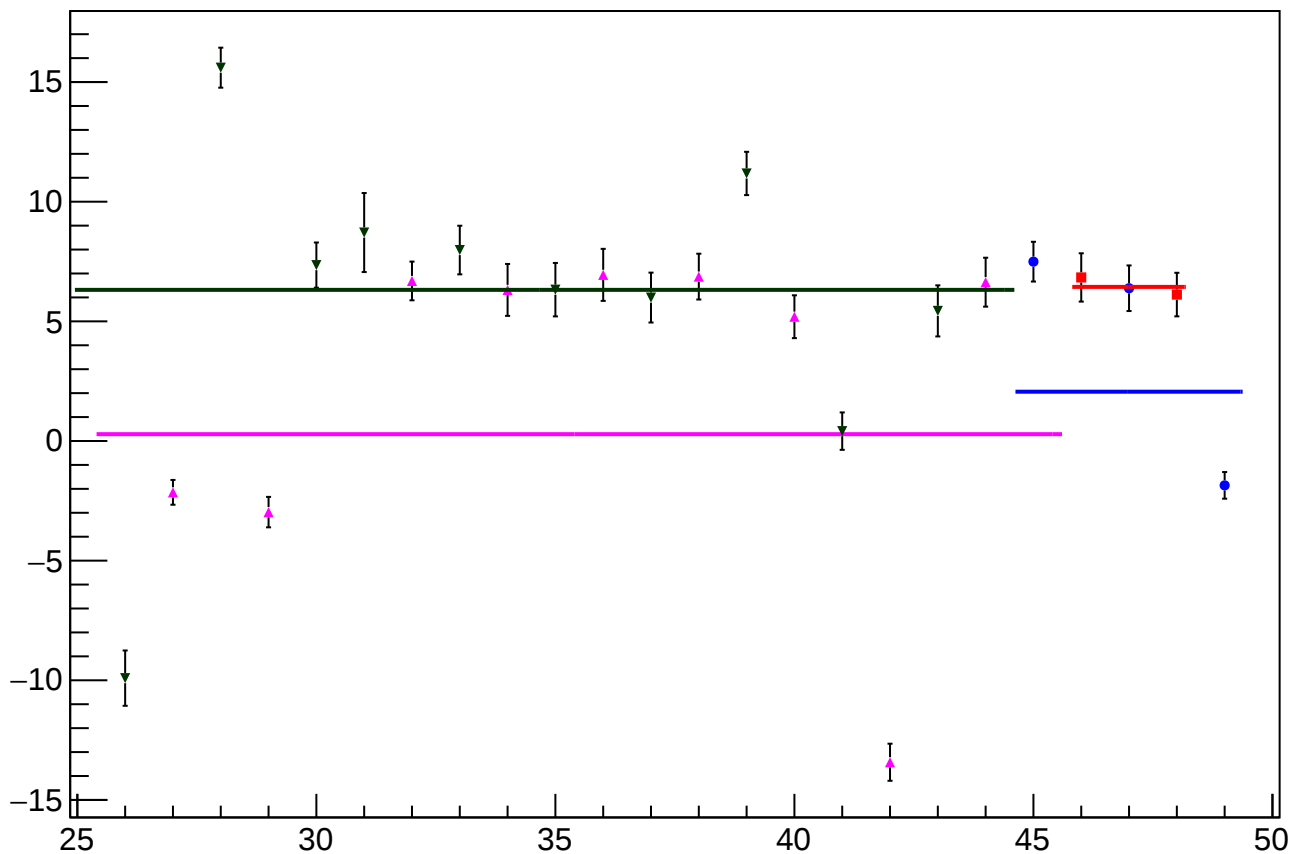
Right Out: -68.508 $\pm$ 0.087 χ^2 /NDF: 481.5/1

Left In: -69.062 $\pm$ 0.039 χ^2 /NDF:22618.3/8

-70.526 $\pm$ 0.034 χ^2 /NDF: 5882.8/12

-68.970 $\pm$ 0.035 χ^2 /NDF: 23133.9/10

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 2.060 $\pm$ 0.416 χ^2 /NDF: 112.8/2

Left Out: 6.316 $\pm$ 0.315 χ^2 /NDF: 413.3/9

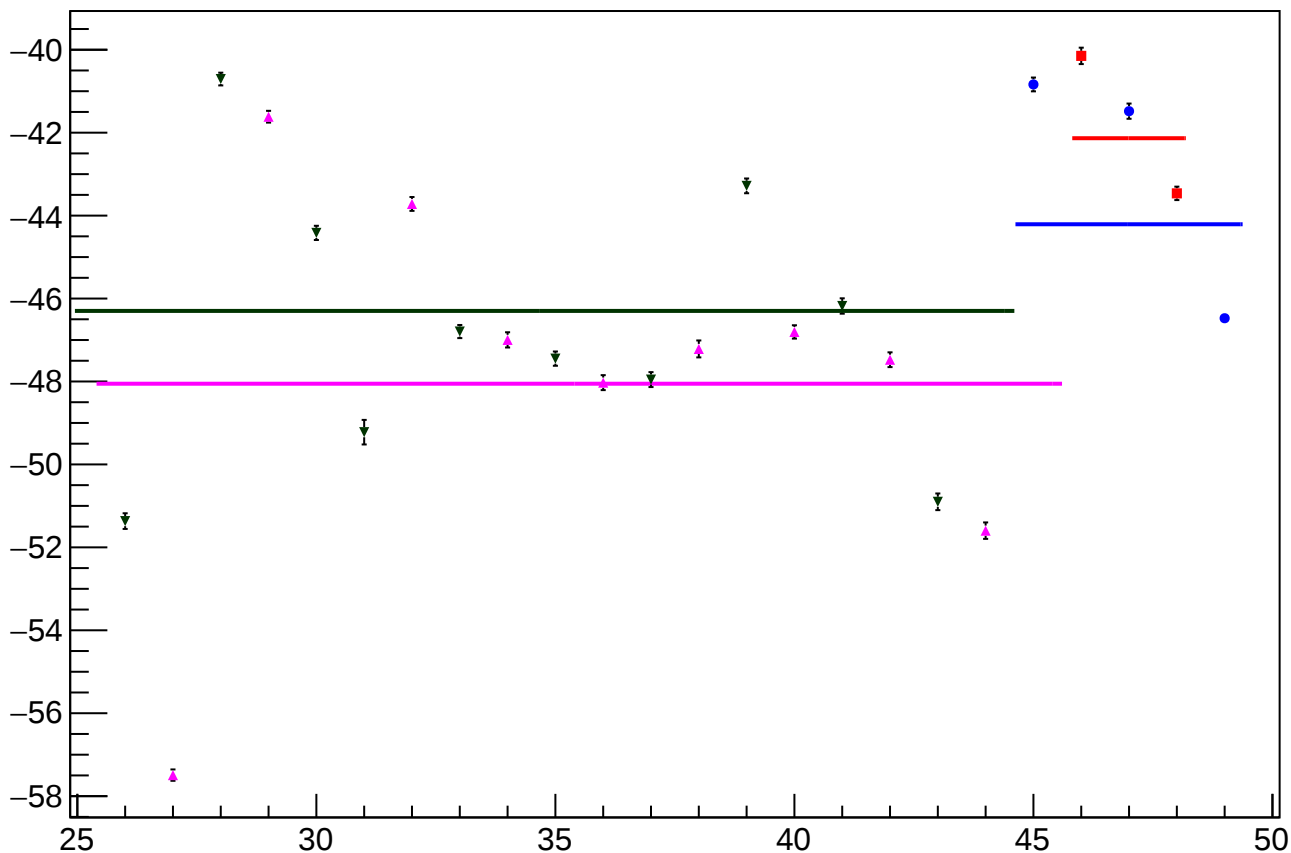
Right Out: 6.440 $\pm$ 0.676 χ^2 /NDF: 0.3/1

Left In: 0.285 $\pm$ 0.264 χ^2 /NDF: 608.0/8

4.767 $\pm$ 0.251 χ^2 /NDF: 592.7/12

1.098 $\pm$ 0.246 χ^2 /NDF: 680.3/10

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.209 ± 0.080 χ^2/NDF : 1089.9/2

Left Out: -46.298 ± 0.057 χ^2/NDF : 3214.3/9

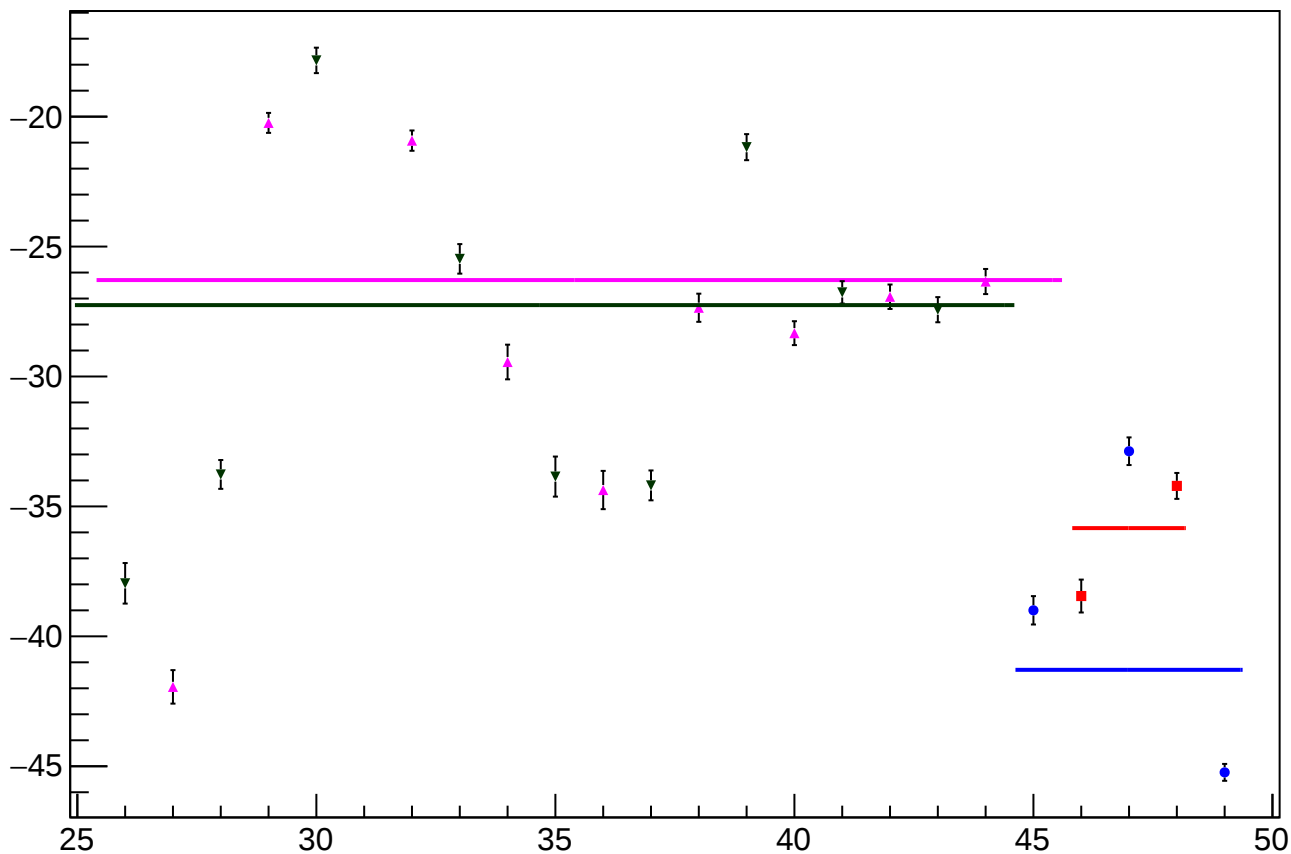
Right Out: -42.134 ± 0.125 χ^2/NDF : 168.1/1

Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-45.595 ± 0.047 χ^2/NDF : 4753.7/12

-47.068 ± 0.051 χ^2/NDF : 9941.0/10

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -41.289 ± 0.247 $\chi^2/\text{NDF}: 415.3/2$

Left Out: -27.253 ± 0.181 $\chi^2/\text{NDF}: 1073.0/8$

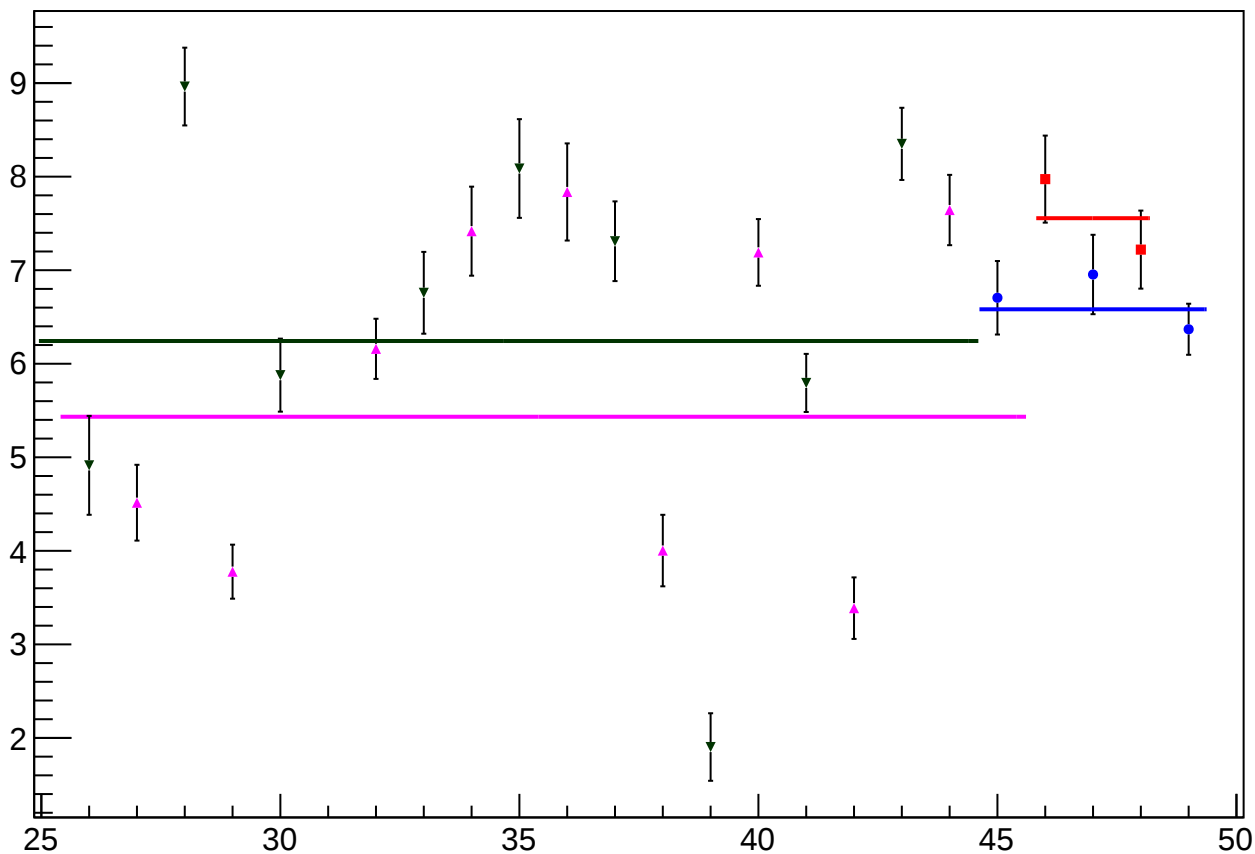
Right Out: -35.835 ± 0.392 $\chi^2/\text{NDF}: 27.7/1$

Left In: -26.289 ± 0.165 $\chi^2/\text{NDF}: 1194.5/8$

-32.153 ± 0.146 $\chi^2/\text{NDF}: 3587.3/11$

-27.726 ± 0.152 $\chi^2/\text{NDF}: 1726.4/10$

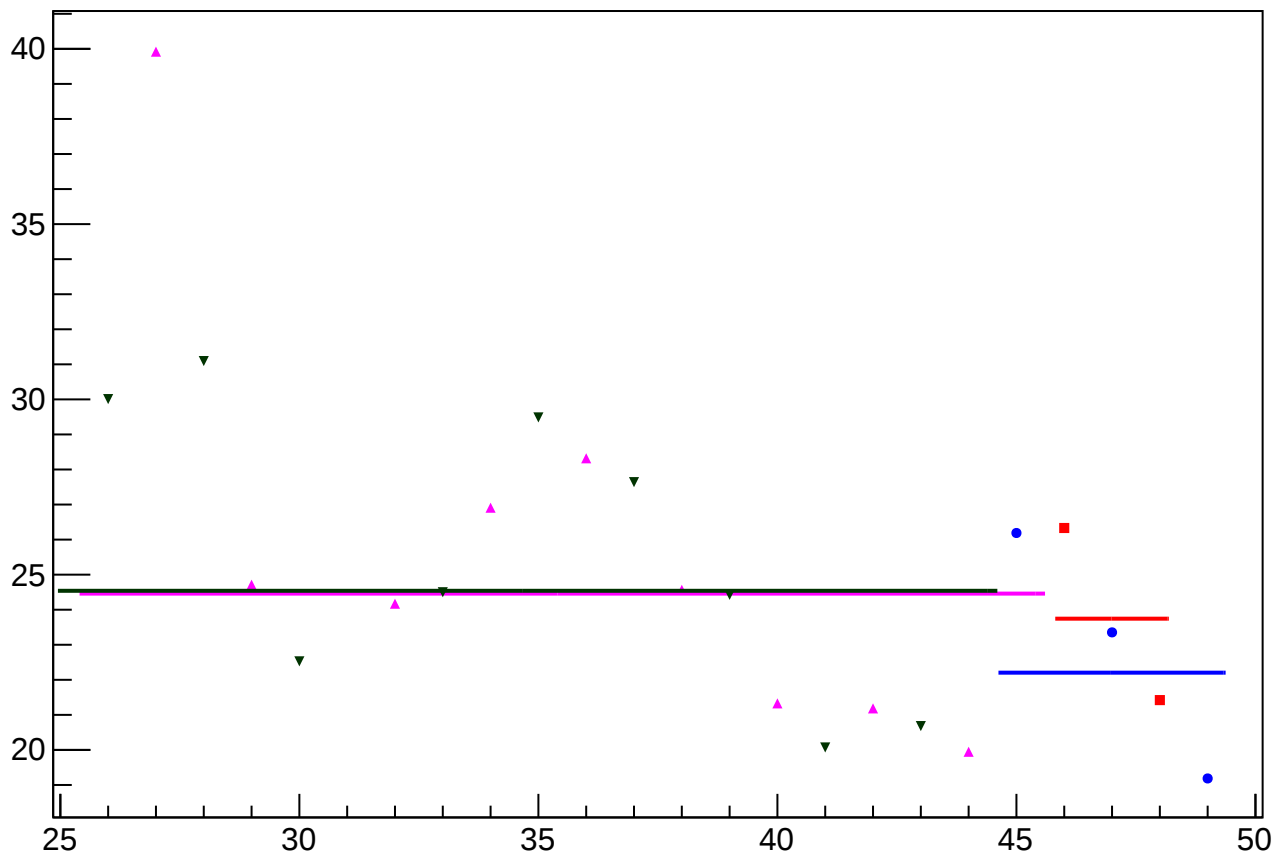
reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.582 ± 0.198 χ^2/NDF : 1.5/2
 Left Out: 6.243 ± 0.135 χ^2/NDF : 246.4/8
 Right Out: 7.556 ± 0.311 χ^2/NDF : 1.5/1
 Left In: 5.433 ± 0.122 χ^2/NDF : 193.5/8

6.350 ± 0.111 χ^2/NDF : 249.8/11
 5.718 ± 0.114 χ^2/NDF : 235.4/10

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 22.204+/-0.046 χ^2/NDF : 4303.4/2

Left Out: 24.539+/-0.030 χ^2/NDF :15395.0/8

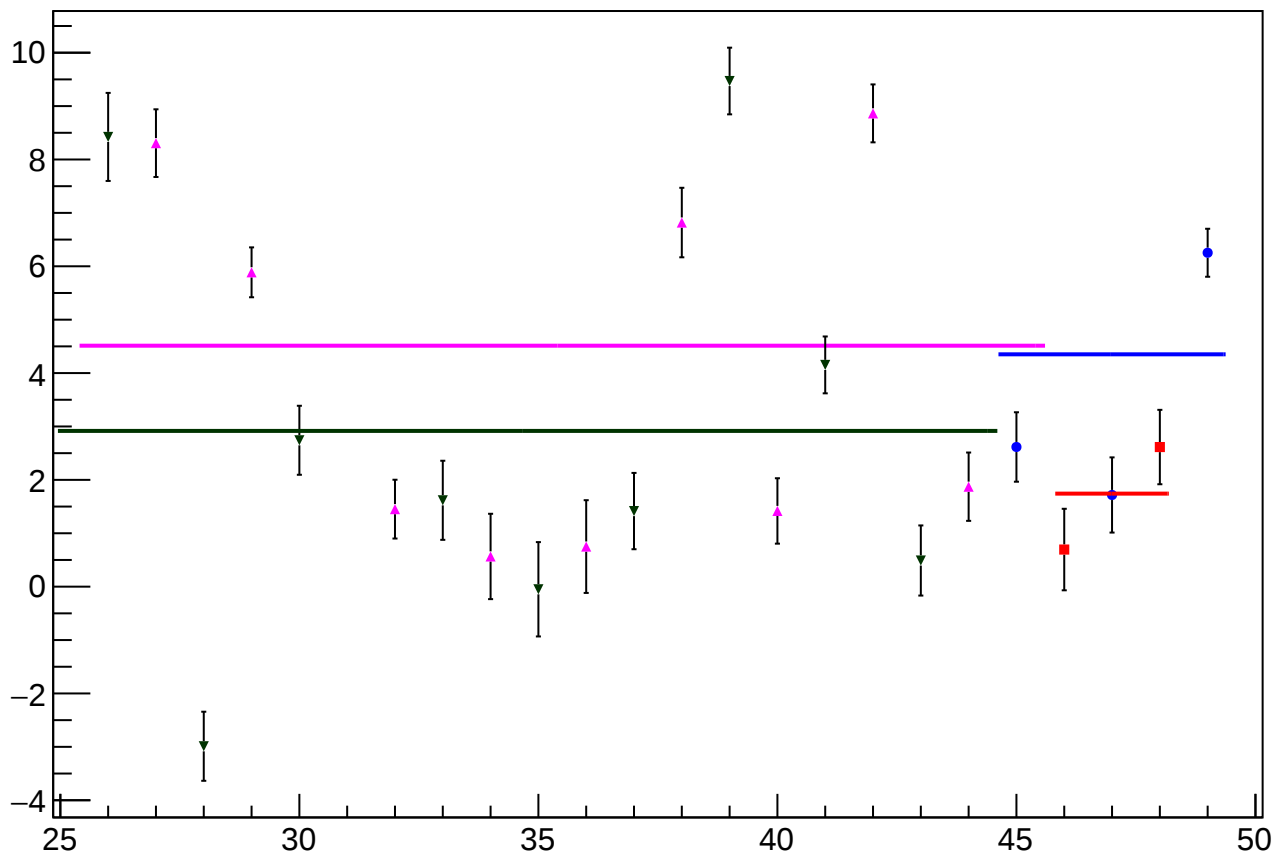
Right Out: 23.744+/-0.066 χ^2/NDF : 1400.0/1

Left In: 24.459+/-0.028 χ^2/NDF :26092.7/8

23.829+/-0.025 χ^2/NDF : 21522.2/11

24.348+/-0.026 χ^2/NDF : 27593.2/10

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 4.351 $\pm$ 0.327 χ^2 /NDF: 39.0/2

Left Out: 2.917 $\pm$ 0.225 χ^2 /NDF: 276.0/8

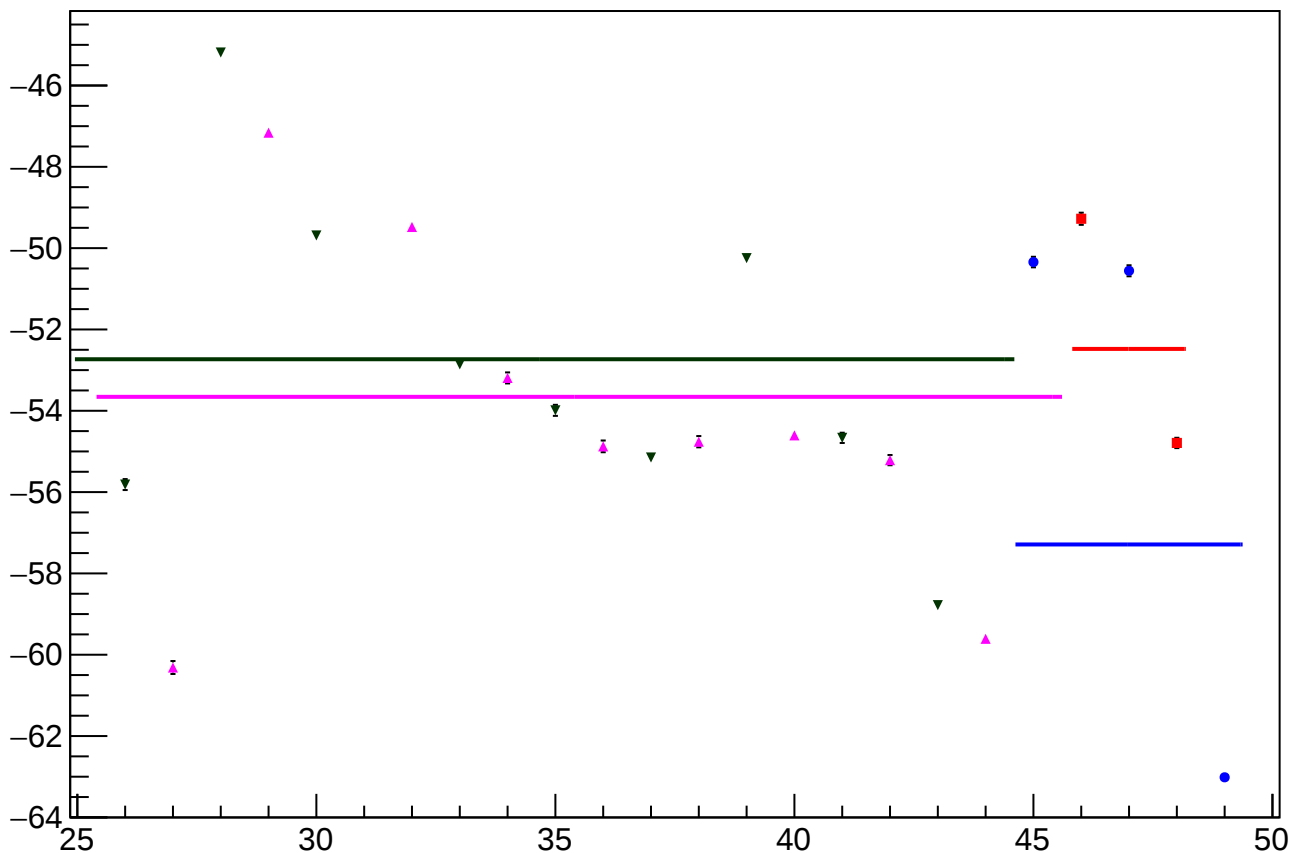
Right Out: 1.742 $\pm$ 0.515 χ^2 /NDF: 3.5/1

Left In: 4.513 $\pm$ 0.204 χ^2 /NDF: 238.0/8

3.377 $\pm$ 0.185 χ^2 /NDF: 328.0/11

4.138 $\pm$ 0.189 χ^2 /NDF: 266.5/10

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.288+/-0.063 χ^2/NDF : 9751.2/2

Left Out: -52.733+/-0.041 χ^2/NDF : 8744.9/8

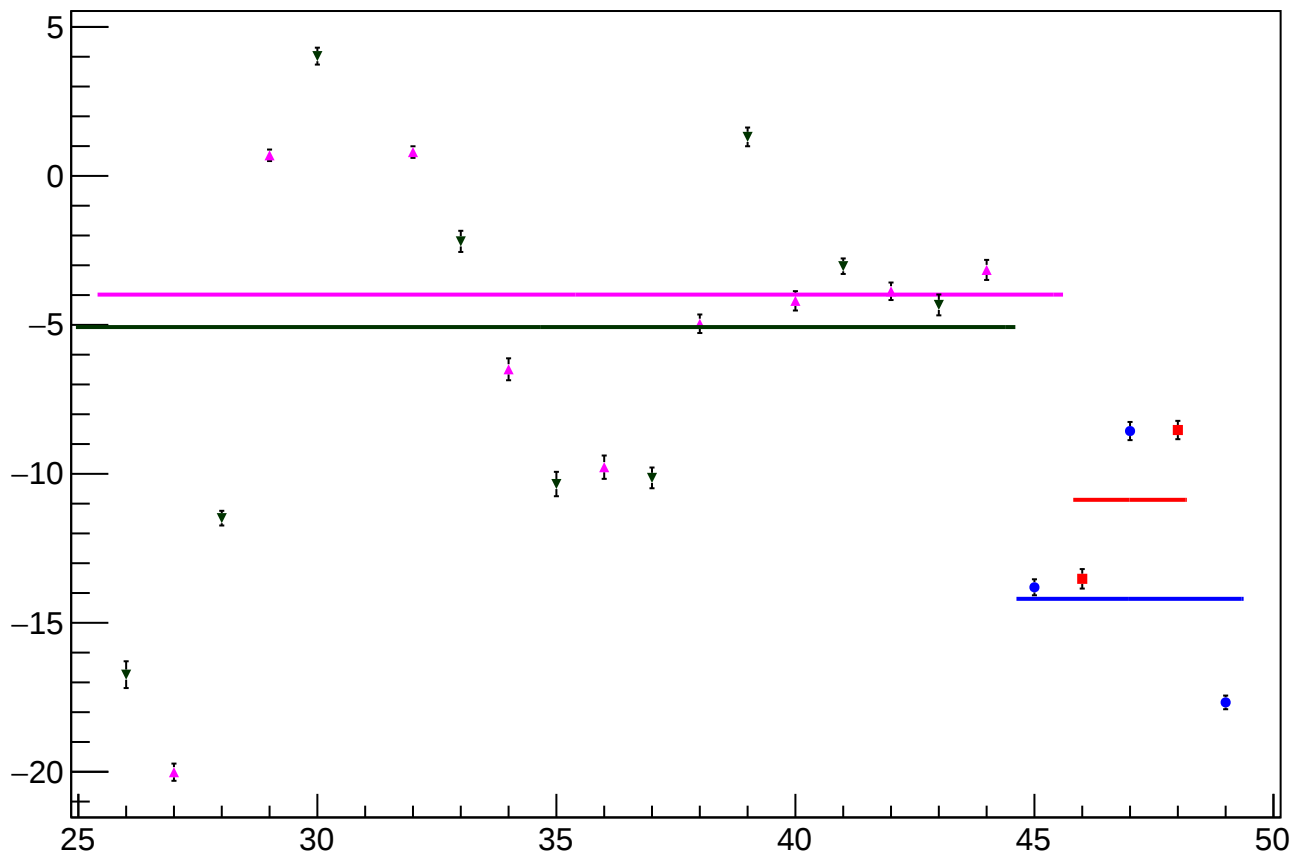
Right Out: -52.478+/-0.097 χ^2/NDF : 790.5/1

Left In: -53.657+/-0.042 χ^2/NDF : 9587.3/8

-54.087+/-0.035 χ^2/NDF : 22123.6/11

-53.472+/-0.038 χ^2/NDF : 10502.9/10

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -14.195 ± 0.151 χ^2/NDF : 573.0/2

Left Out: -5.073 ± 0.106 χ^2/NDF : 3297.3/8

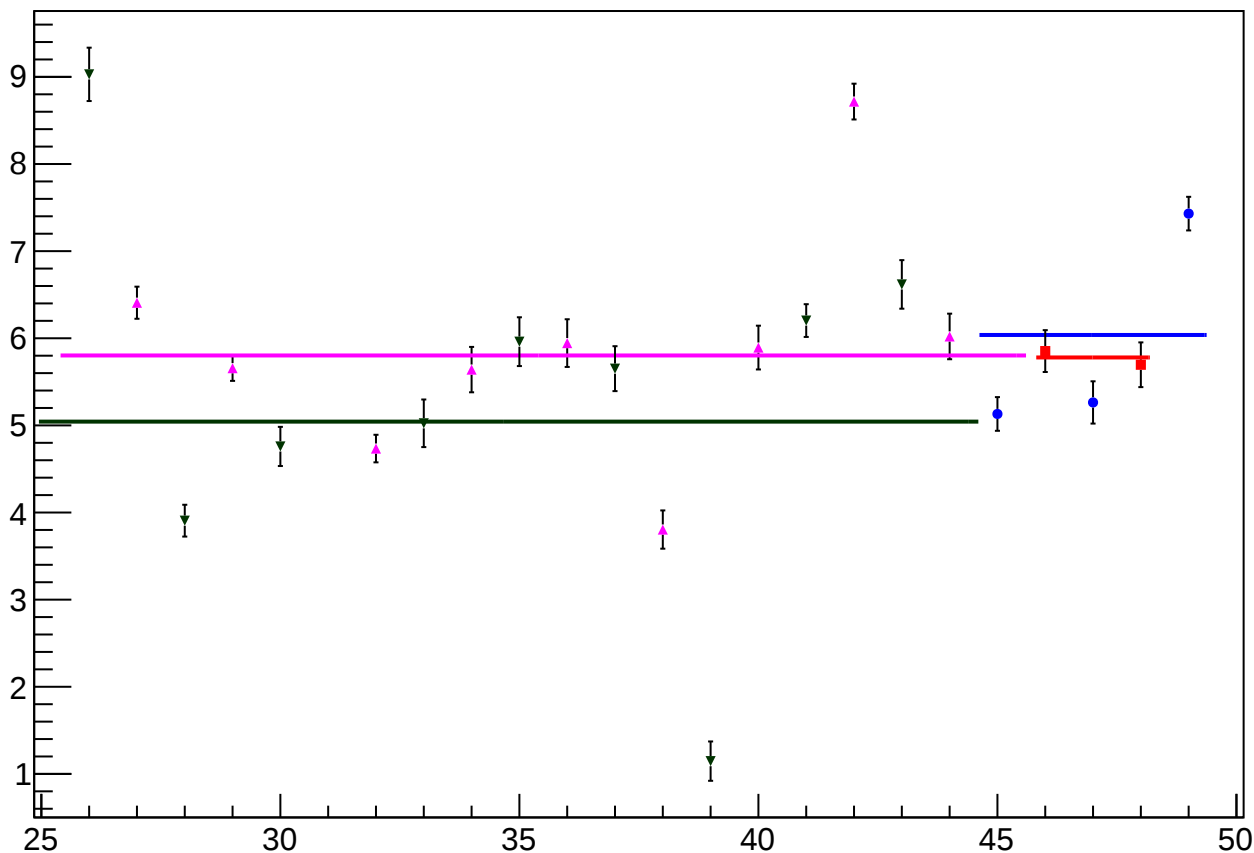
Right Out: -10.872 ± 0.224 χ^2/NDF : 123.7/1

Left In: -3.984 ± 0.091 χ^2/NDF : 4557.3/8

-8.074 ± 0.087 χ^2/NDF : 6305.5/11

-4.968 ± 0.085 χ^2/NDF : 5490.9/10

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 6.038 ± 0.119 χ^2/NDF : 84.3/2

Left Out: 5.043 ± 0.078 χ^2/NDF : 594.0/8

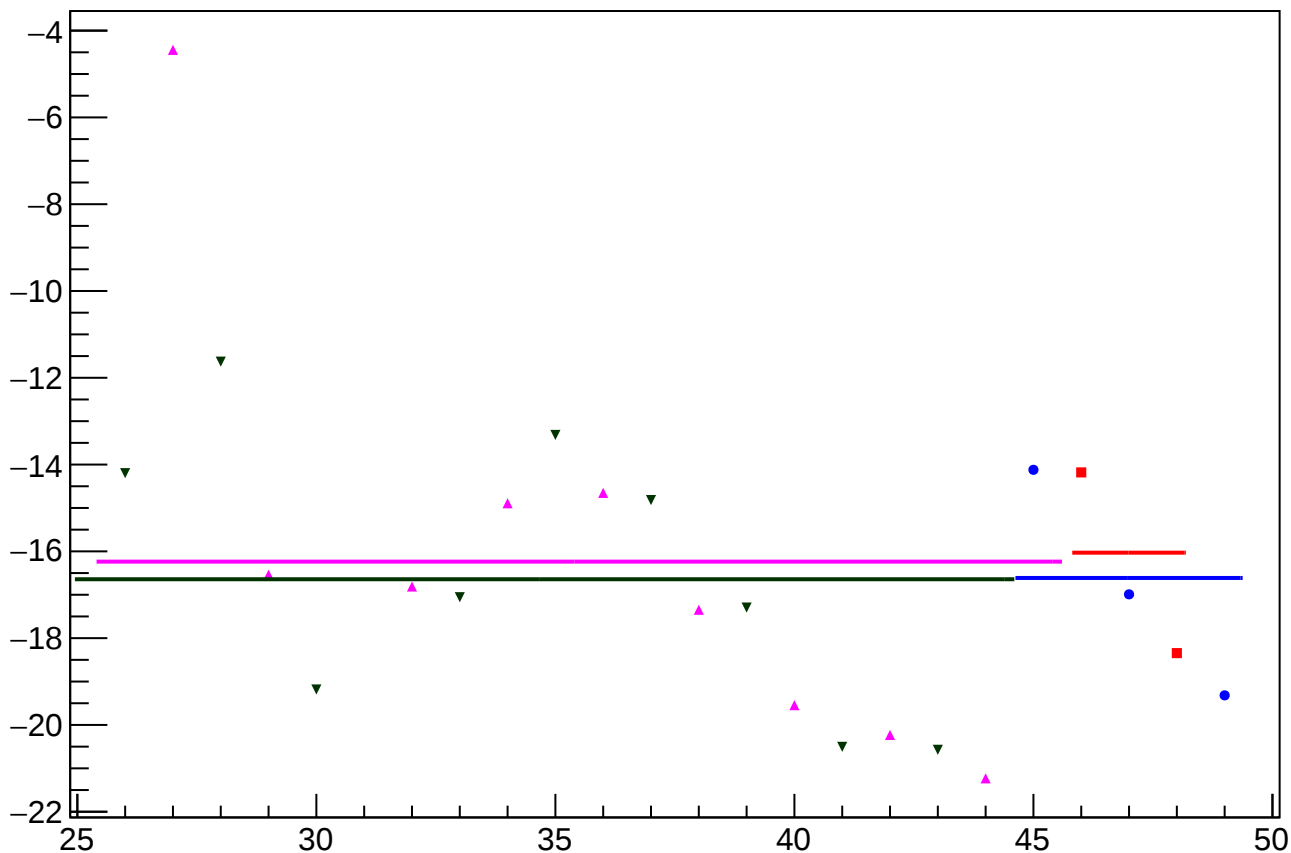
Right Out: 5.780 ± 0.175 χ^2/NDF : 0.2/1

Left In: 5.803 ± 0.067 χ^2/NDF : 343.0/8

5.345 ± 0.066 χ^2/NDF : 727.0/11

5.800 ± 0.063 χ^2/NDF : 343.2/10

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -16.613 ± 0.027 χ^2/NDF : 6711.1/2

Left Out: -16.643 ± 0.018 χ^2/NDF : 32975.5/8

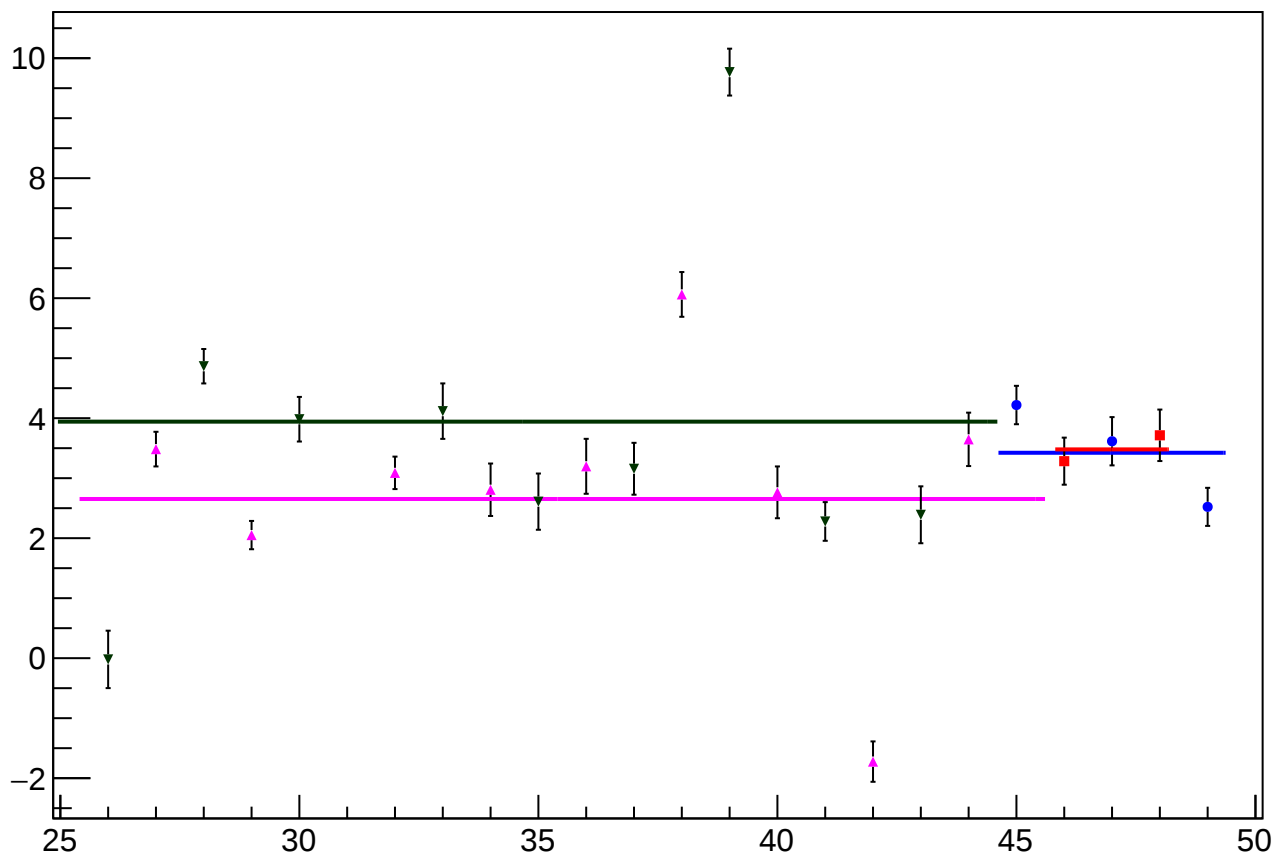
Right Out: -16.030 ± 0.037 χ^2/NDF : 3148.6/1

Left In: -16.237 ± 0.016 χ^2/NDF : 73670.4/8

-16.634 ± 0.015 χ^2/NDF : 39687.4/11

-16.205 ± 0.014 χ^2/NDF : 76845.5/10

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.424 $\pm$ 0.197 χ^2 /NDF: 14.5/2

Left Out: 3.942 $\pm$ 0.130 χ^2 /NDF: 350.2/8

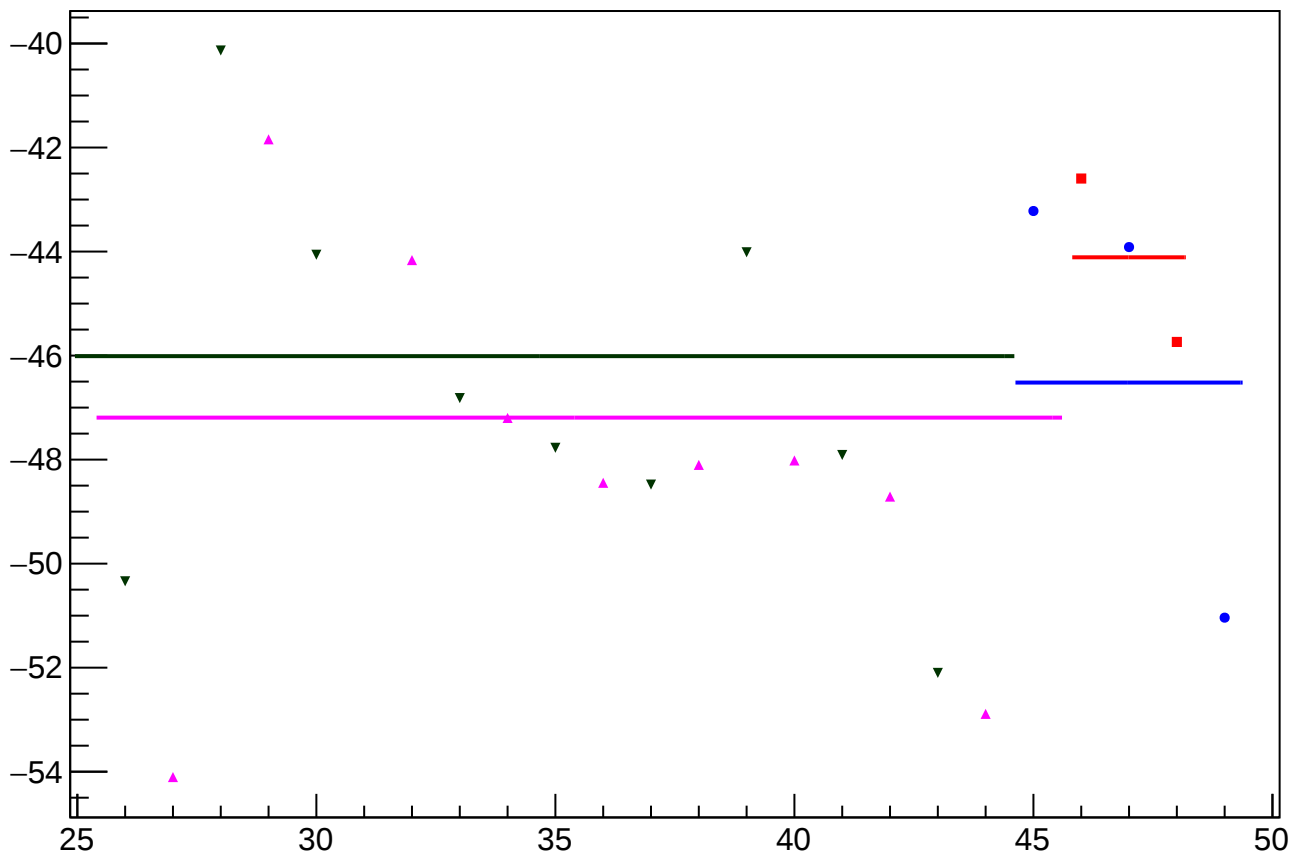
Right Out: 3.480 $\pm$ 0.289 χ^2 /NDF: 0.6/1

Left In: 2.653 $\pm$ 0.112 χ^2 /NDF: 276.7/8

3.784 $\pm$ 0.109 χ^2 /NDF: 369.6/11

2.760 $\pm$ 0.104 χ^2 /NDF: 284.3/10

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -46.519 $\pm$ 0.038 χ^2 /NDF: 9347.7/2

Left Out: -46.011 $\pm$ 0.024 χ^2 /NDF: 23317.4/8

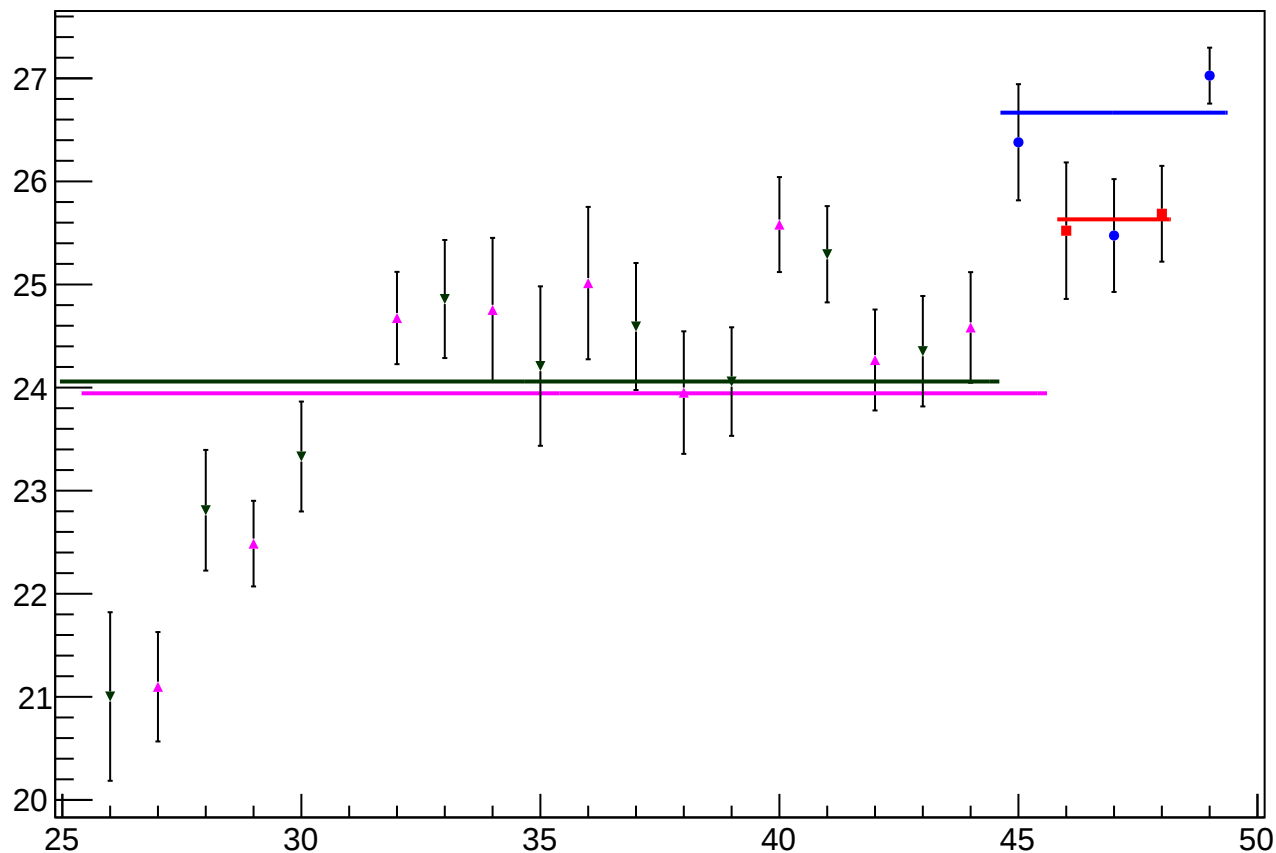
Right Out: -44.111 $\pm$ 0.056 χ^2 /NDF: 799.9/1

Left In: -47.193 $\pm$ 0.023 χ^2 /NDF: 27380.9/8

-46.155 $\pm$ 0.020 χ^2 /NDF: 32791.2/11

-46.728 $\pm$ 0.022 χ^2 /NDF: 30799.6/10

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.667 $\pm$ 0.223 χ^2/NDF : 6.8/2

Left Out: 24.059 $\pm$ 0.193 χ^2/NDF : 30.4/8

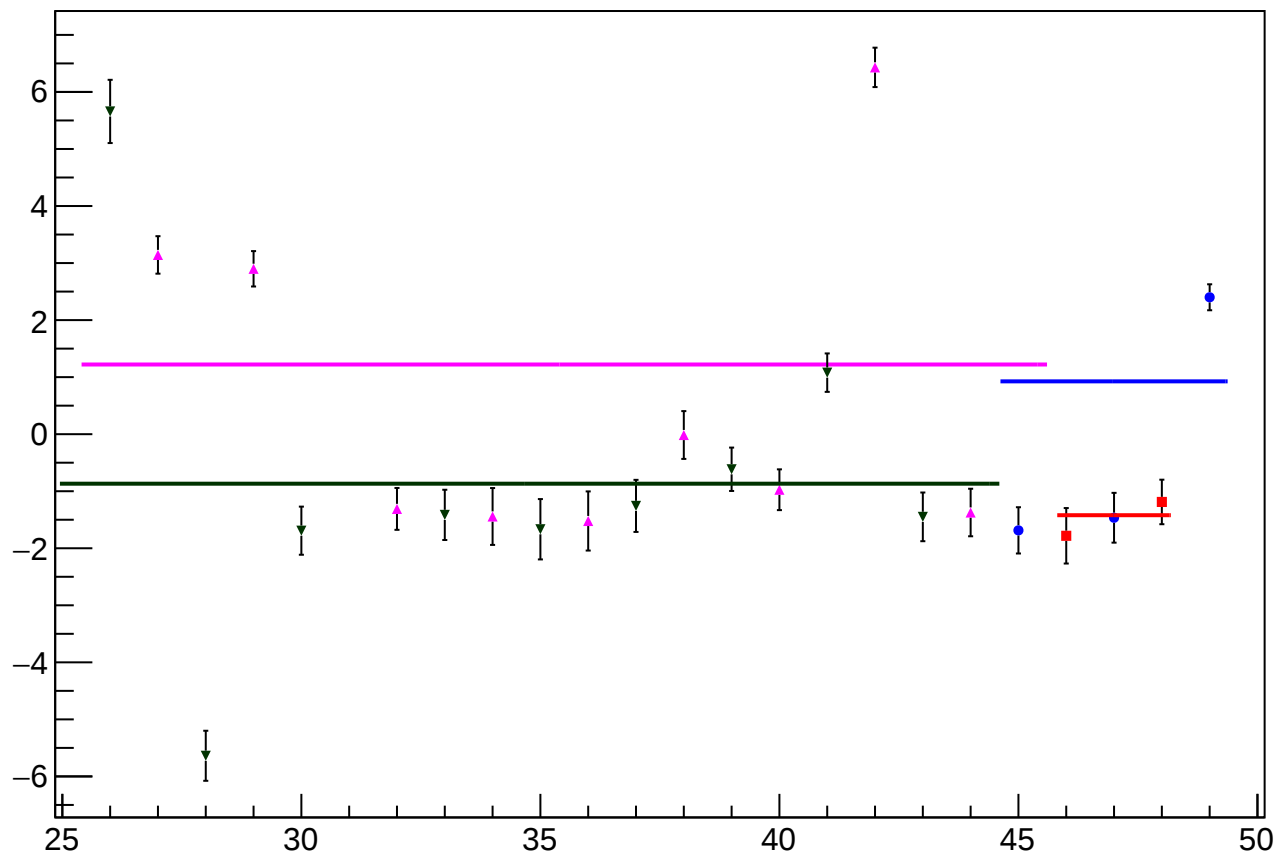
Right Out: 25.632 $\pm$ 0.380 χ^2/NDF : 0.0/1

Left In: 23.945 $\pm$ 0.173 χ^2/NDF : 61.7/8

25.172 $\pm$ 0.146 χ^2/NDF : 115.4/11

24.234 $\pm$ 0.157 χ^2/NDF : 78.0/10

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 0.926 ± 0.181 $\chi^2/\text{NDF}: 113.4/2$

Left Out: -0.868 ± 0.143 $\chi^2/\text{NDF}: 300.9/8$

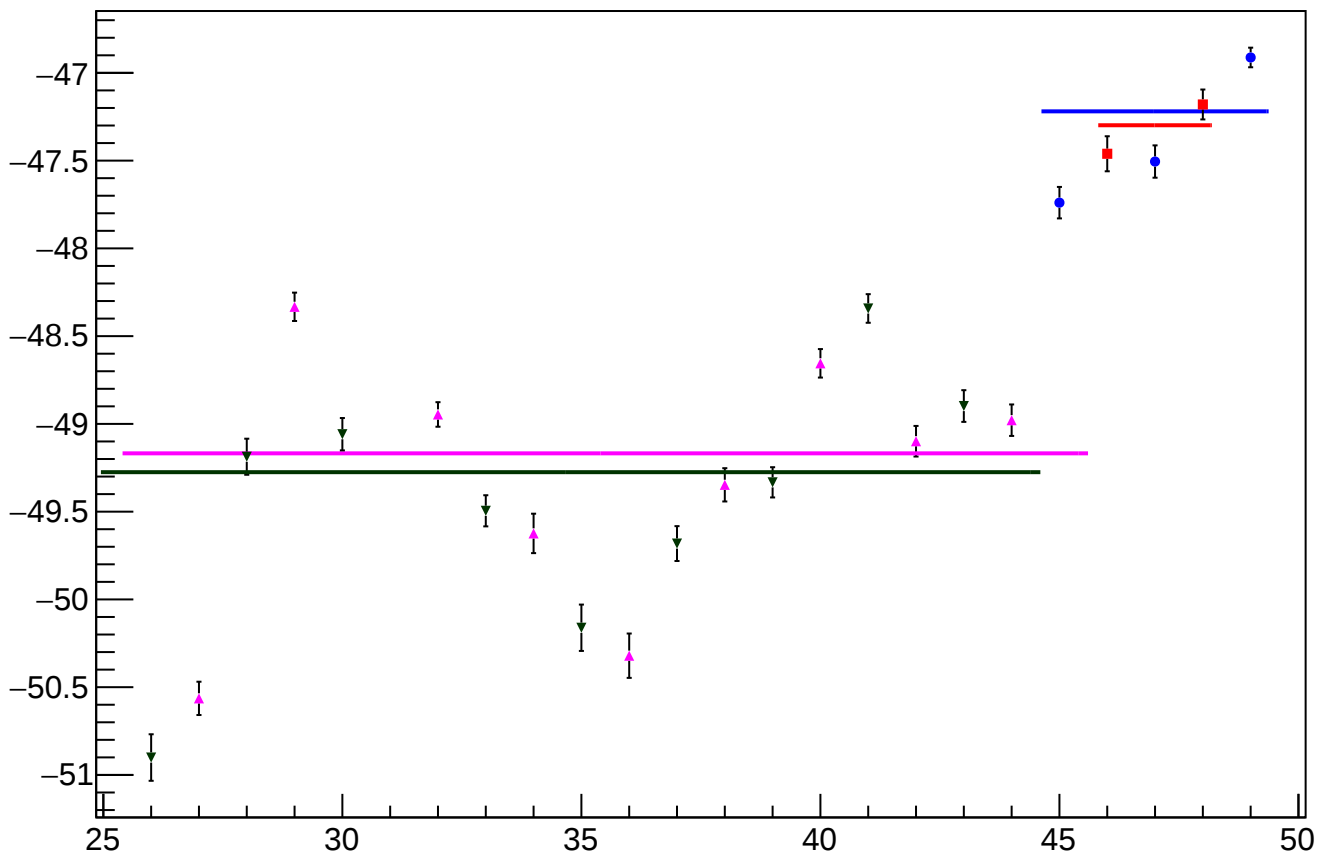
Right Out: -1.421 ± 0.304 $\chi^2/\text{NDF}: 0.9/1$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

-0.176 ± 0.112 $\chi^2/\text{NDF}: 474.9/11$

0.832 ± 0.117 $\chi^2/\text{NDF}: 545.5/10$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.219±/0.042 χ^2/NDF : 73.5/2

Left Out: -49.275±/0.032 χ^2/NDF : 373.5/8

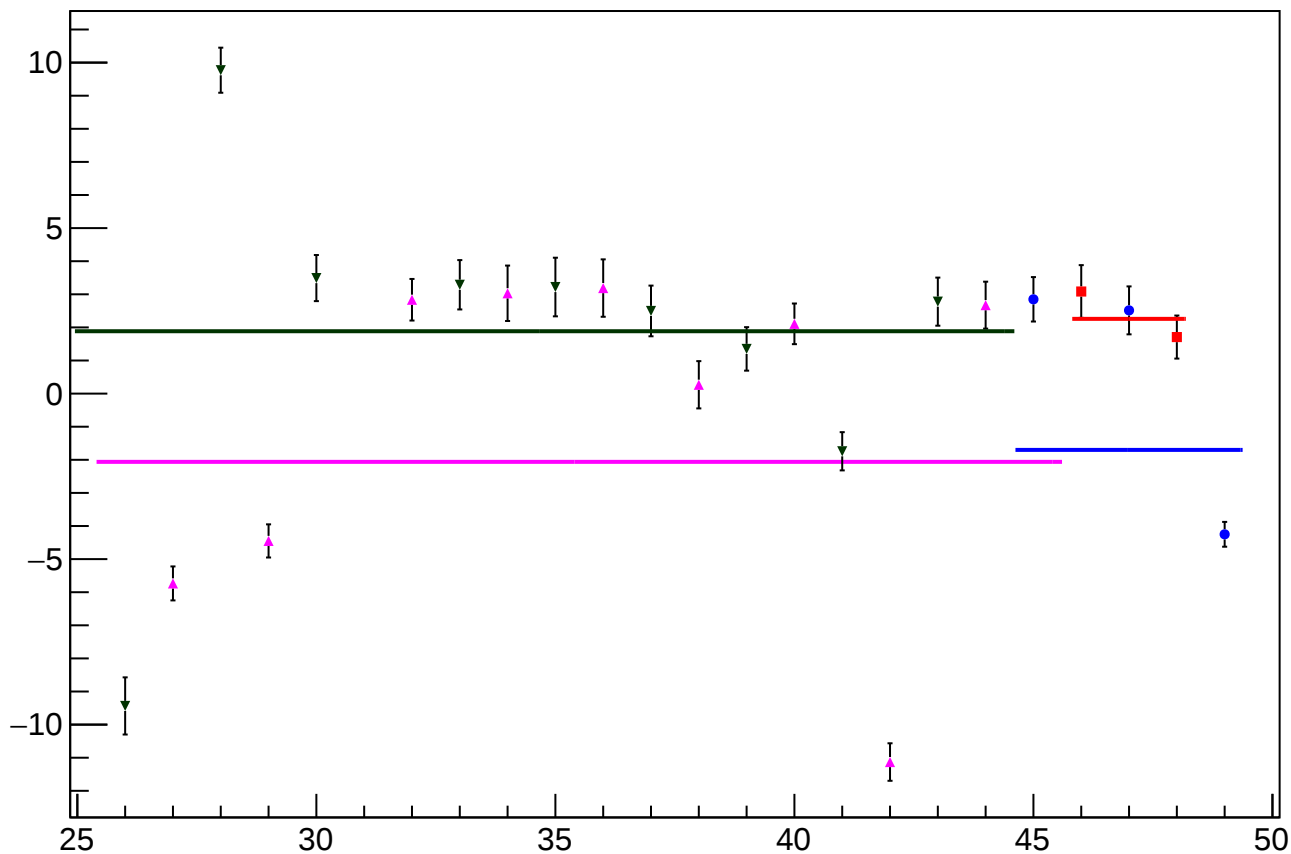
Right Out: -47.298±/0.065 χ^2/NDF : 4.6/1

Left In: -49.168±/0.030 χ^2/NDF : 481.7/8

-48.517±/0.026 χ^2/NDF : 1948.6/11

-48.842±/0.027 χ^2/NDF : 1173.6/10

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -1.701 ± 0.298 χ^2/NDF : 126.1/2

Left Out: 1.884 ± 0.239 χ^2/NDF : 359.4/8

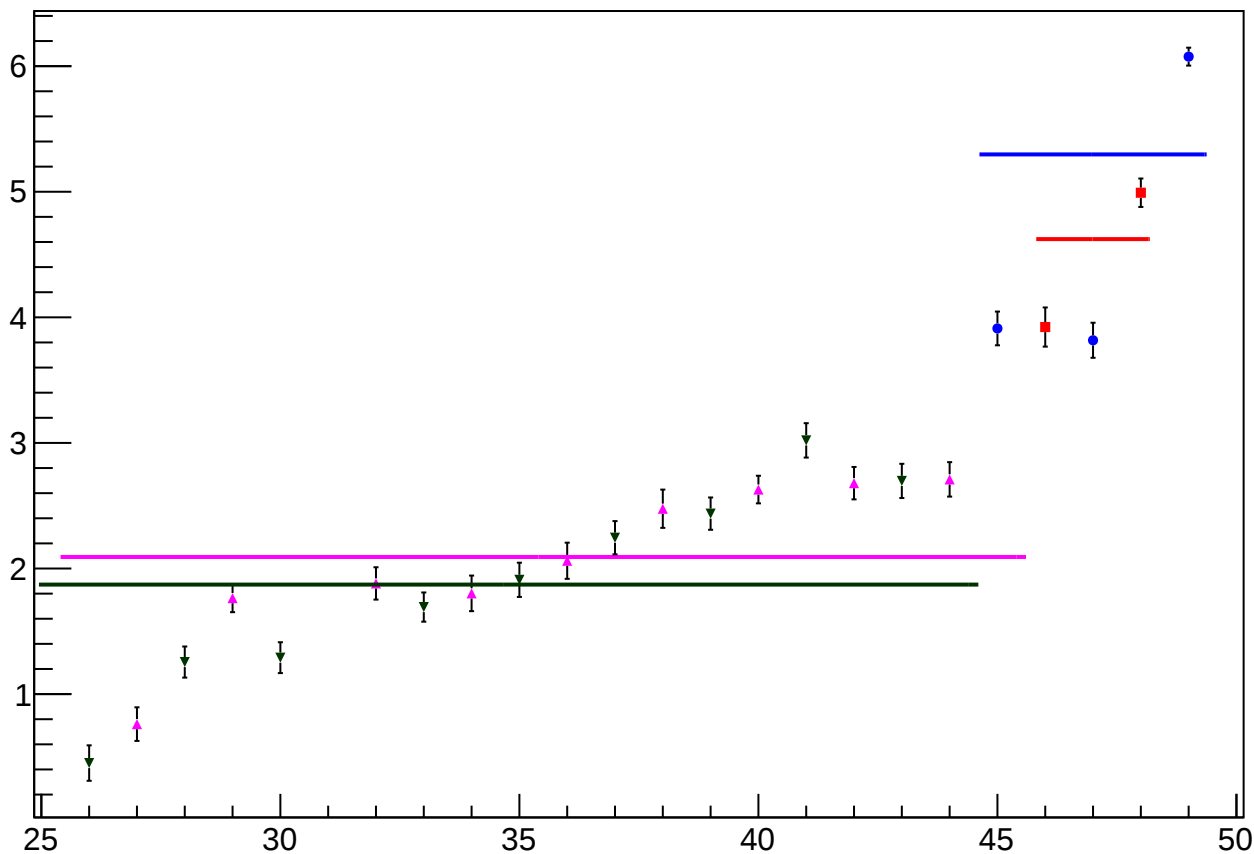
Right Out: 2.258 ± 0.504 χ^2/NDF : 1.8/1

Left In: -2.062 ± 0.209 χ^2/NDF : 565.9/8

0.485 ± 0.186 χ^2/NDF : 573.6/11

-1.425 ± 0.193 χ^2/NDF : 630.3/10

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.297 $\pm$ 0.057 χ^2/NDF : 337.7/2

Left Out: 1.872 $\pm$ 0.043 χ^2/NDF : 285.3/8

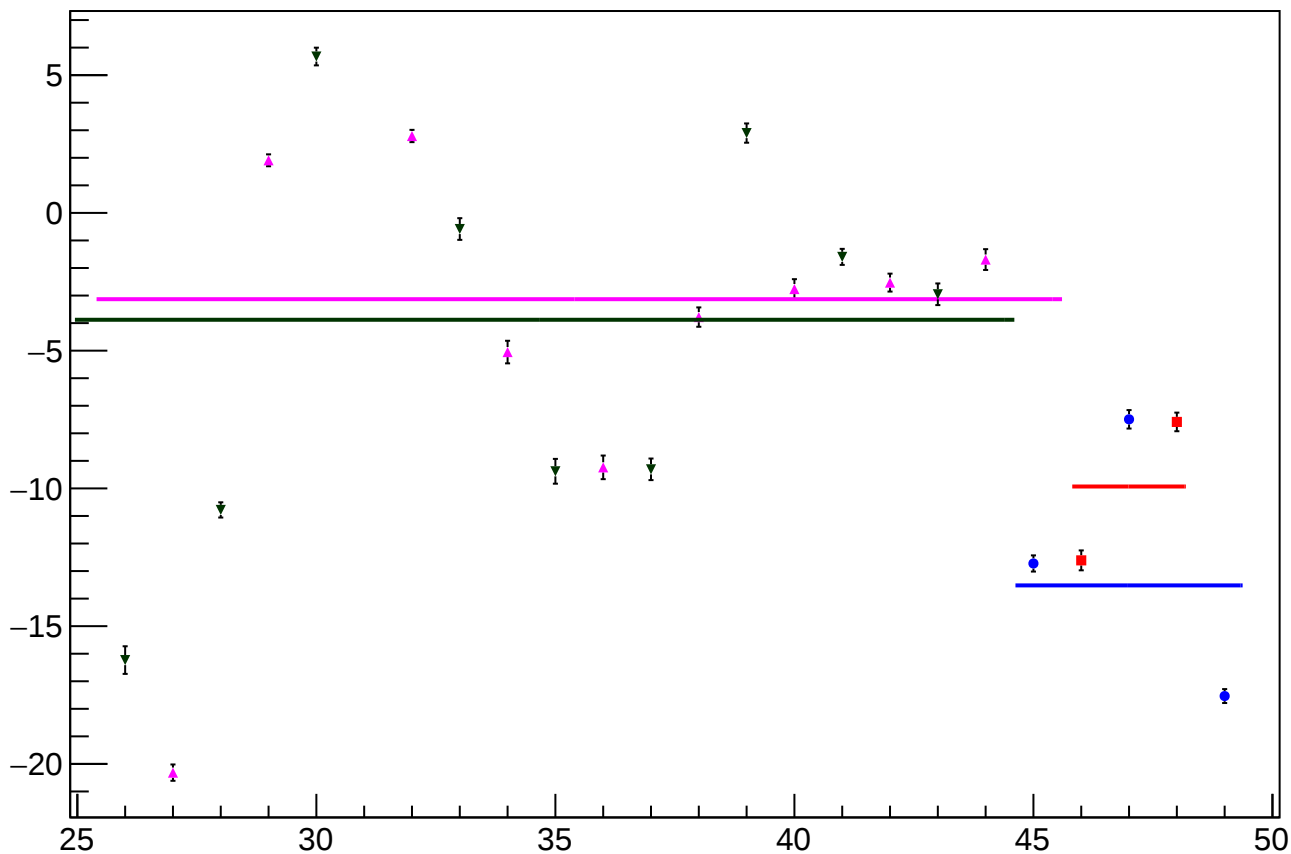
Right Out: 4.623 $\pm$ 0.092 χ^2/NDF : 30.8/1

Left In: 2.092 $\pm$ 0.043 χ^2/NDF : 185.6/8

3.112 $\pm$ 0.035 χ^2/NDF : 2891.1/11

2.554 $\pm$ 0.039 χ^2/NDF : 840.0/10

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -13.520 $\pm$ 0.166 χ^2 /NDF: 582.8/2

Left Out: -3.879 $\pm$ 0.119 χ^2 /NDF: 2969.1/8

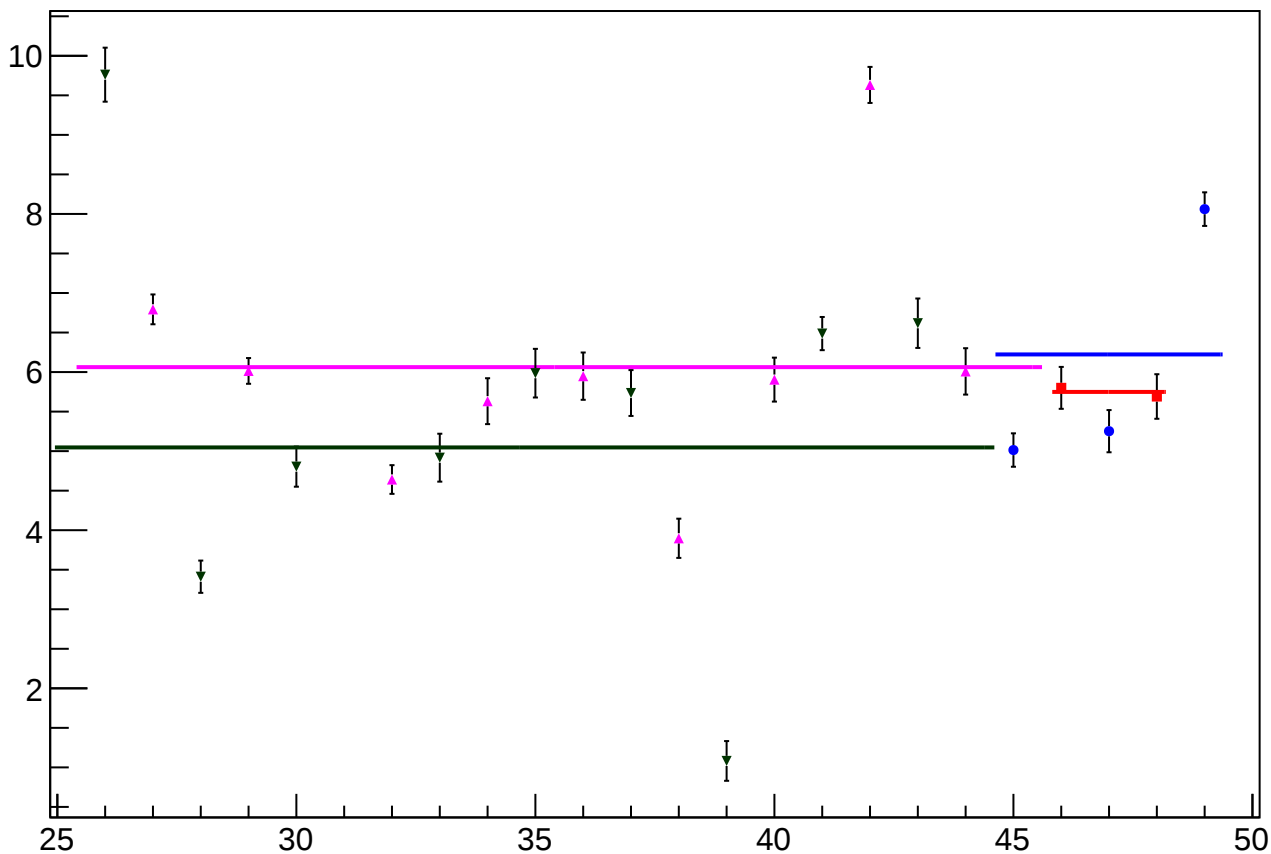
Right Out: -9.931 $\pm$ 0.247 χ^2 /NDF: 103.2/1

Left In: -3.132 $\pm$ 0.102 χ^2 /NDF: 4858.7/8

-7.126 $\pm$ 0.097 χ^2 /NDF: 5779.7/11

-4.120 $\pm$ 0.094 χ^2 /NDF: 5611.0/10

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 6.223 ± 0.131 χ^2/NDF : 120.8/2

Left Out: 5.047 ± 0.088 χ^2/NDF : 592.2/8

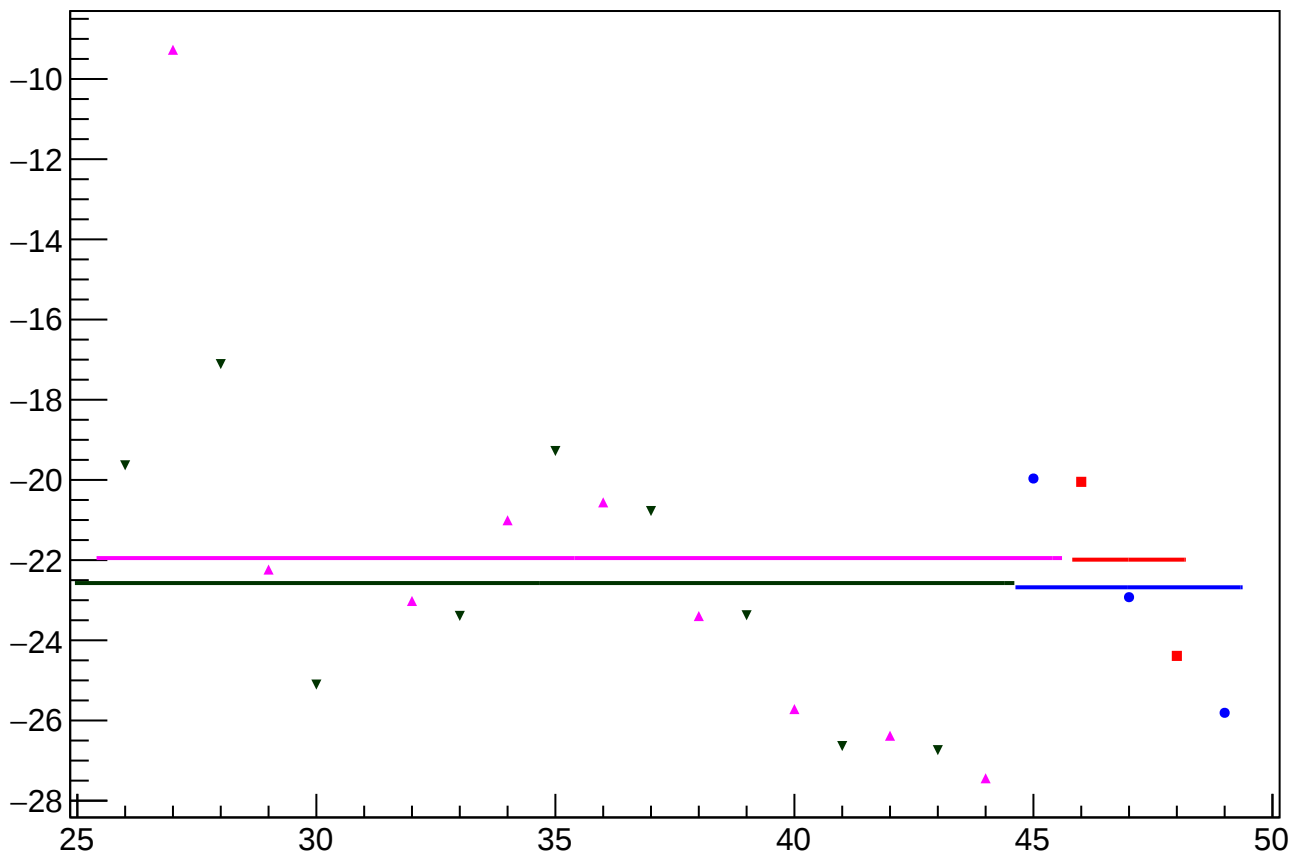
Right Out: 5.749 ± 0.193 χ^2/NDF : 0.1/1

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.412 ± 0.073 χ^2/NDF : 768.9/11

6.022 ± 0.070 χ^2/NDF : 402.9/10

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -22.678 ± 0.030 χ^2/NDF : 6986.0/2

Left Out: -22.572 ± 0.020 χ^2/NDF : 29848.4/8

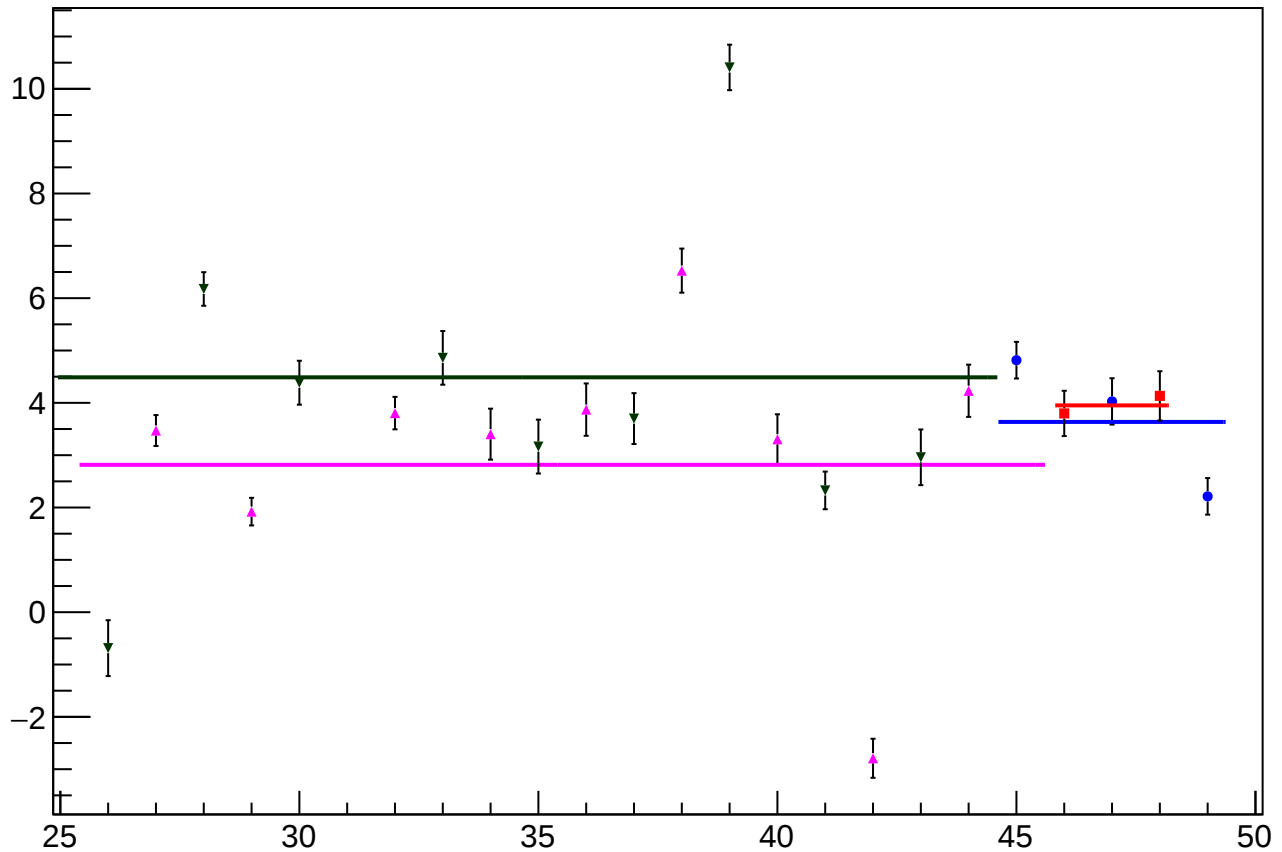
Right Out: -21.989 ± 0.041 χ^2/NDF : 2821.9/1

Left In: -21.949 ± 0.017 χ^2/NDF : 78862.5/8

-22.605 ± 0.016 χ^2/NDF : 36843.3/11

-21.955 ± 0.016 χ^2/NDF : 81685.2/10

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.635+/-0.216 χ^2/NDF : 28.7/2

Left Out: 4.488+/-0.145 χ^2/NDF : 361.4/8

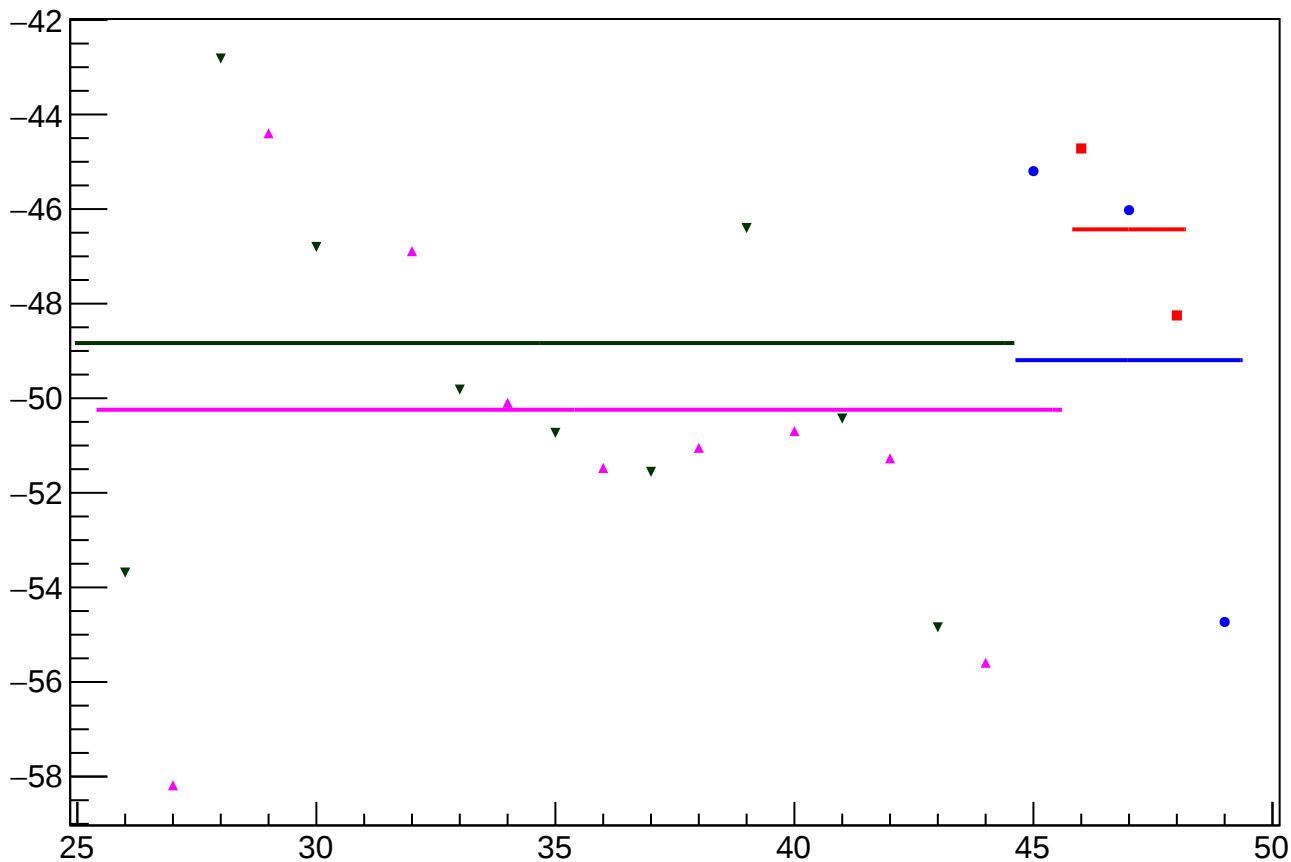
Right Out: 3.951+/-0.319 χ^2/NDF : 0.3/1

Left In: 2.816+/-0.123 χ^2/NDF : 345.0/8

4.222+/-0.121 χ^2/NDF : 400.8/11

2.964+/-0.115 χ^2/NDF : 356.4/10

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.195+/-0.042 χ^2/NDF : 11533.2/2

Left Out: -48.833+/-0.027 χ^2/NDF : 20149.2/8

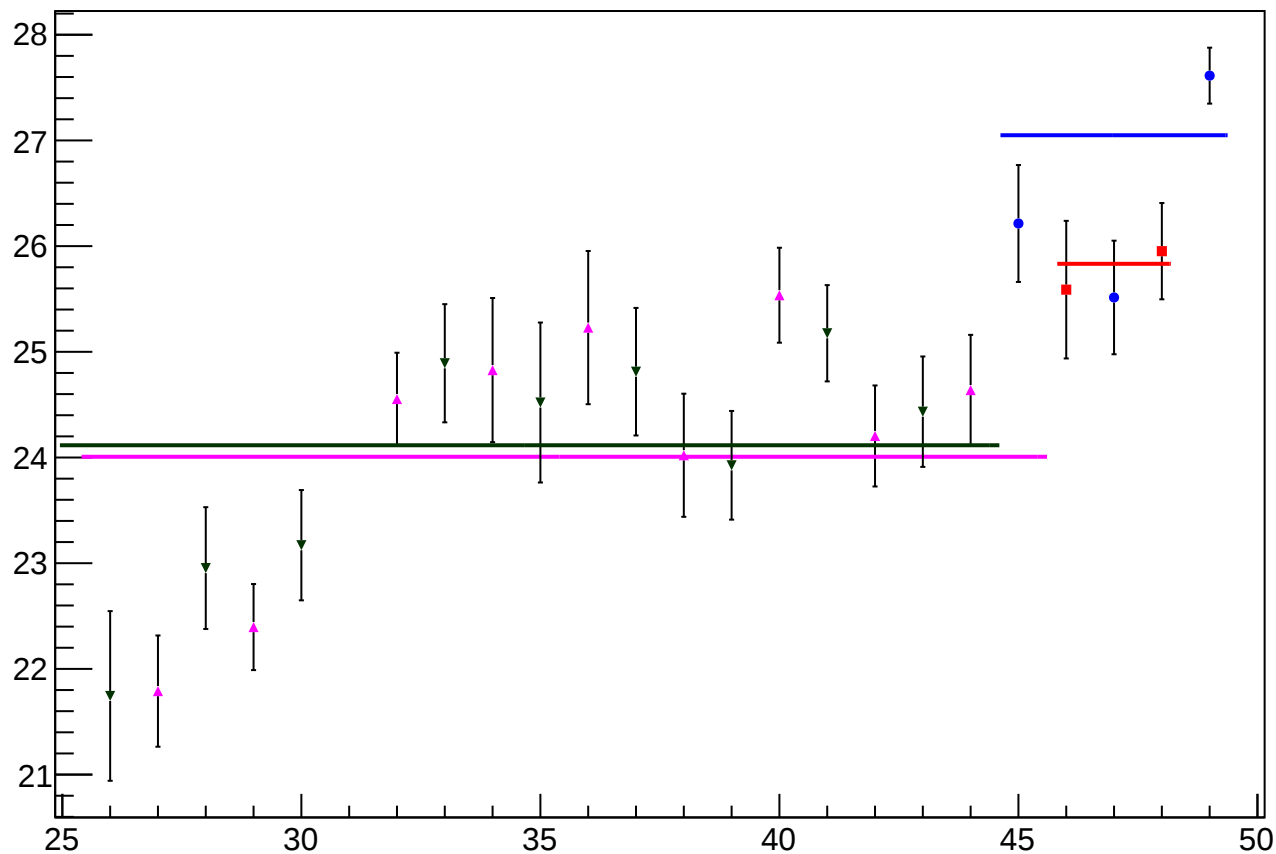
Right Out: -46.429+/-0.061 χ^2/NDF : 834.1/1

Left In: -50.244+/-0.026 χ^2/NDF : 27249.9/8

-48.938+/-0.023 χ^2/NDF : 31735.1/11

-49.662+/-0.024 χ^2/NDF : 31387.8/10

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.049 ± 0.218 χ^2/NDF : 15.0/2

Left Out: 24.116 ± 0.188 χ^2/NDF : 25.5/8

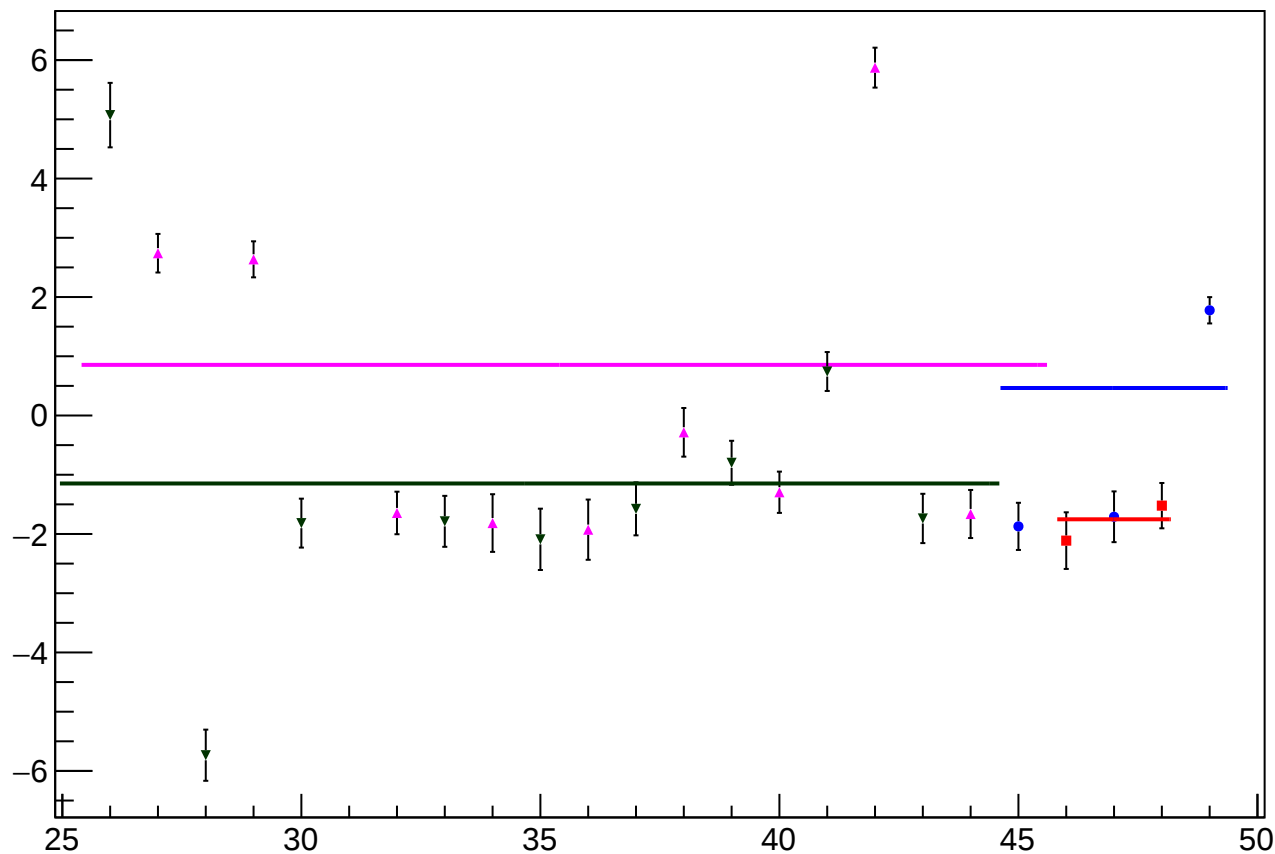
Right Out: 25.833 ± 0.373 χ^2/NDF : 0.2/1

Left In: 24.007 ± 0.169 χ^2/NDF : 52.5/8

25.368 ± 0.143 χ^2/NDF : 144.1/11

24.319 ± 0.154 χ^2/NDF : 72.5/10

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.464 ± 0.177 χ^2/NDF : 95.1/2

Left Out: -1.148 ± 0.140 χ^2/NDF : 288.4/8

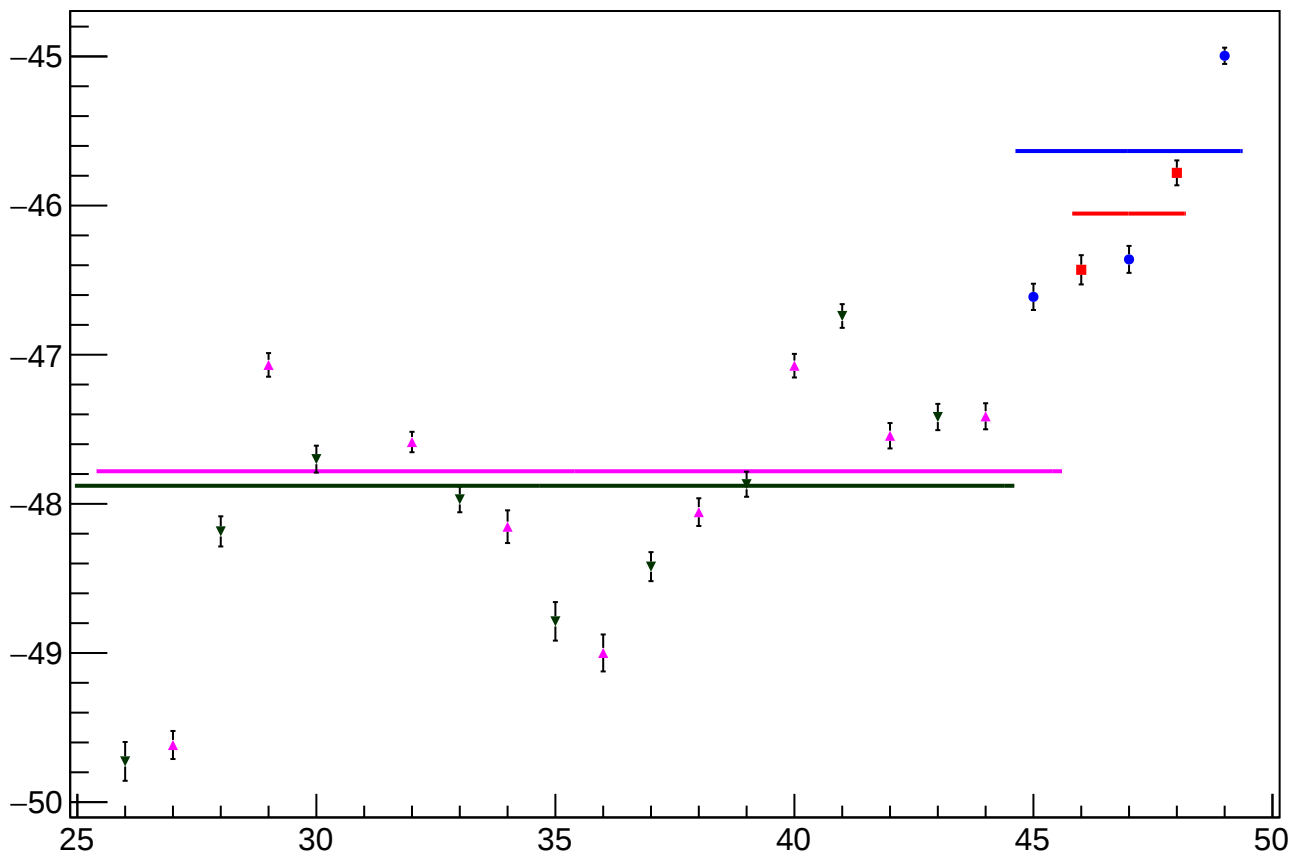
Right Out: -1.752 ± 0.299 χ^2/NDF : 0.9/1

Left In: 0.855 ± 0.124 χ^2/NDF : 482.1/8

-0.526 ± 0.110 χ^2/NDF : 434.6/11

0.472 ± 0.114 χ^2/NDF : 548.0/10

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.634 ± 0.041 χ^2/NDF : 325.4/2

Left Out: -47.879 ± 0.032 χ^2/NDF : 529.0/8

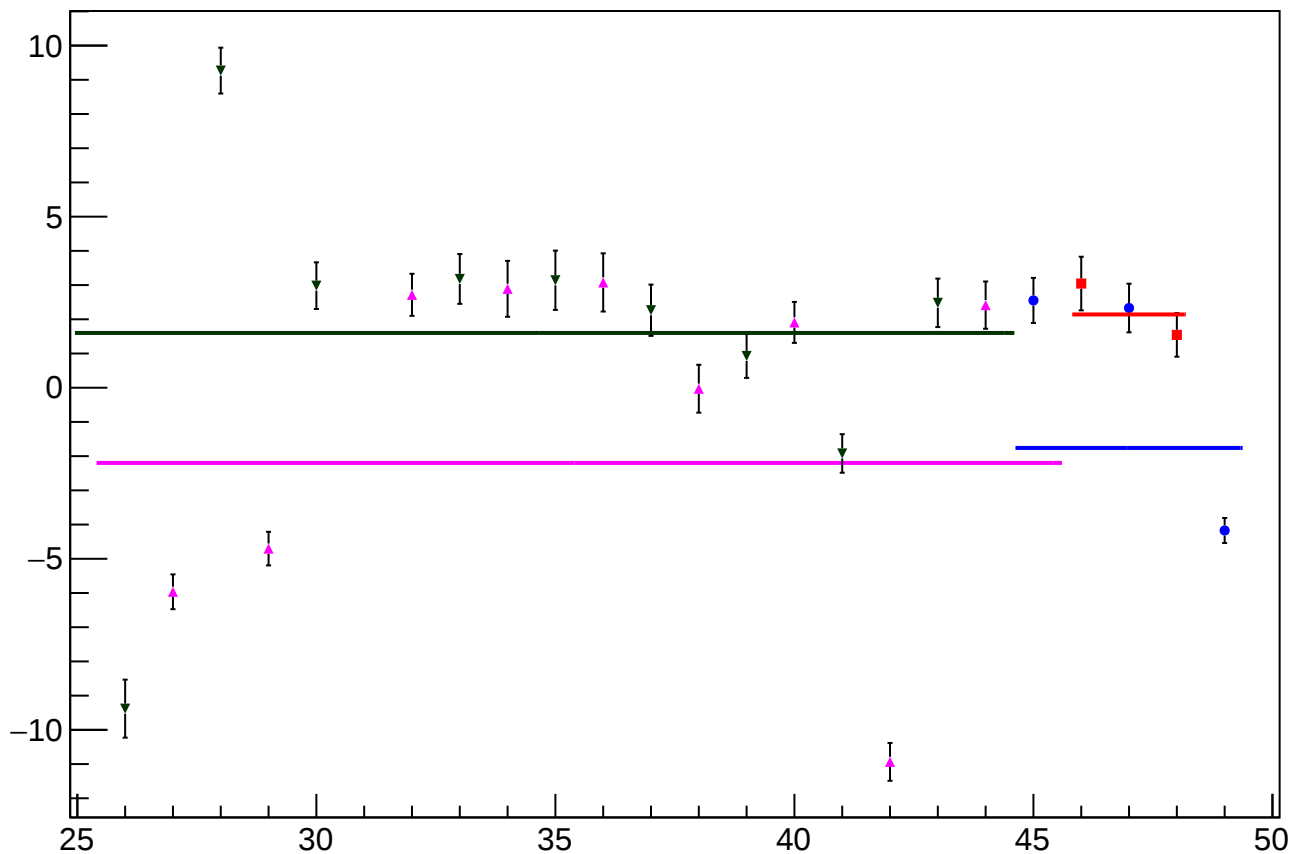
Right Out: -46.054 ± 0.064 χ^2/NDF : 25.5/1

Left In: -47.781 ± 0.029 χ^2/NDF : 692.9/8

-47.051 ± 0.025 χ^2/NDF : 2725.1/11

-47.482 ± 0.026 χ^2/NDF : 1328.6/10

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -1.760 ± 0.292 χ^2/NDF : 119.5/2

Left Out: 1.601 ± 0.233 χ^2/NDF : 353.2/8

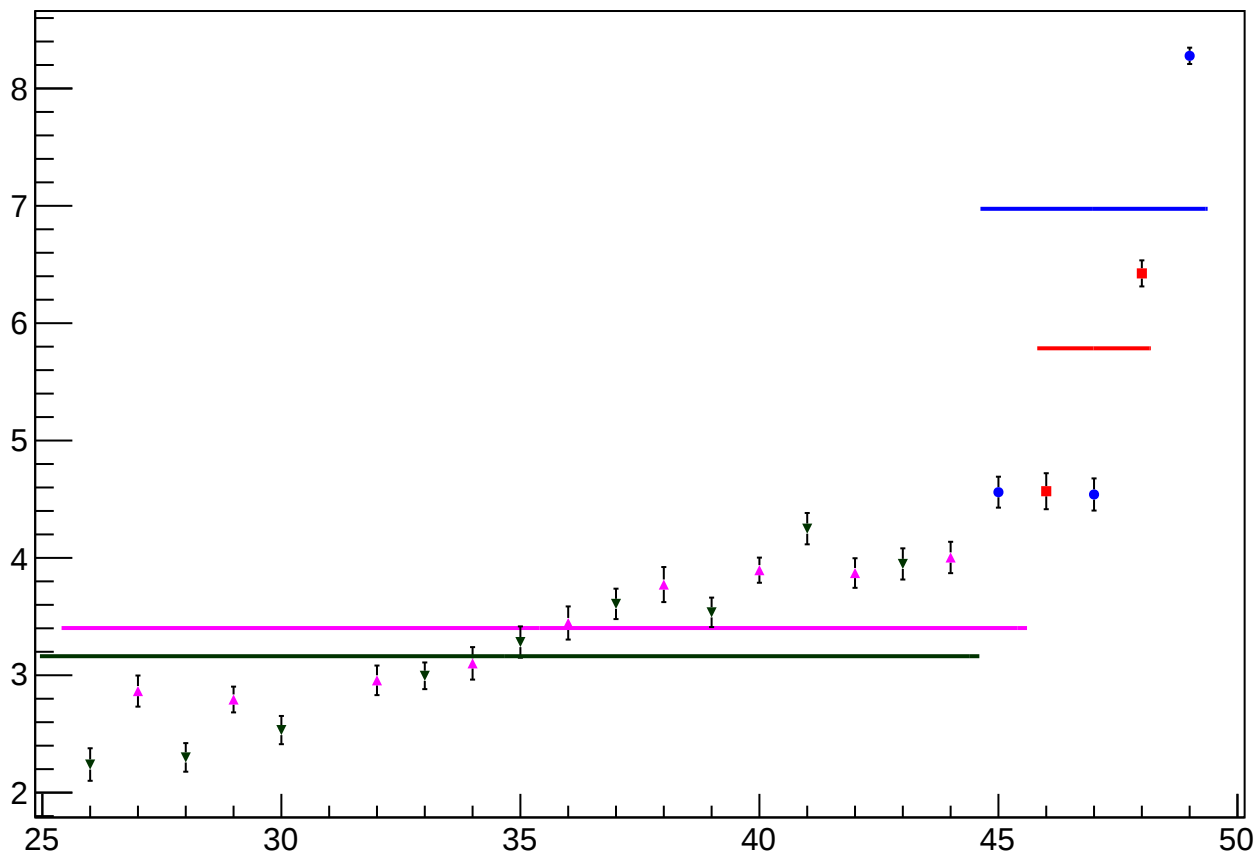
Right Out: 2.142 ± 0.494 χ^2/NDF : 2.2/1

Left In: -2.198 ± 0.205 χ^2/NDF : 572.6/8

0.288 ± 0.182 χ^2/NDF : 553.6/11

-1.560 ± 0.190 χ^2/NDF : 640.5/10

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.975+/-0.056 χ^2/NDF : 1001.0/2

Left Out: 3.162+/-0.042 χ^2/NDF : 246.8/8

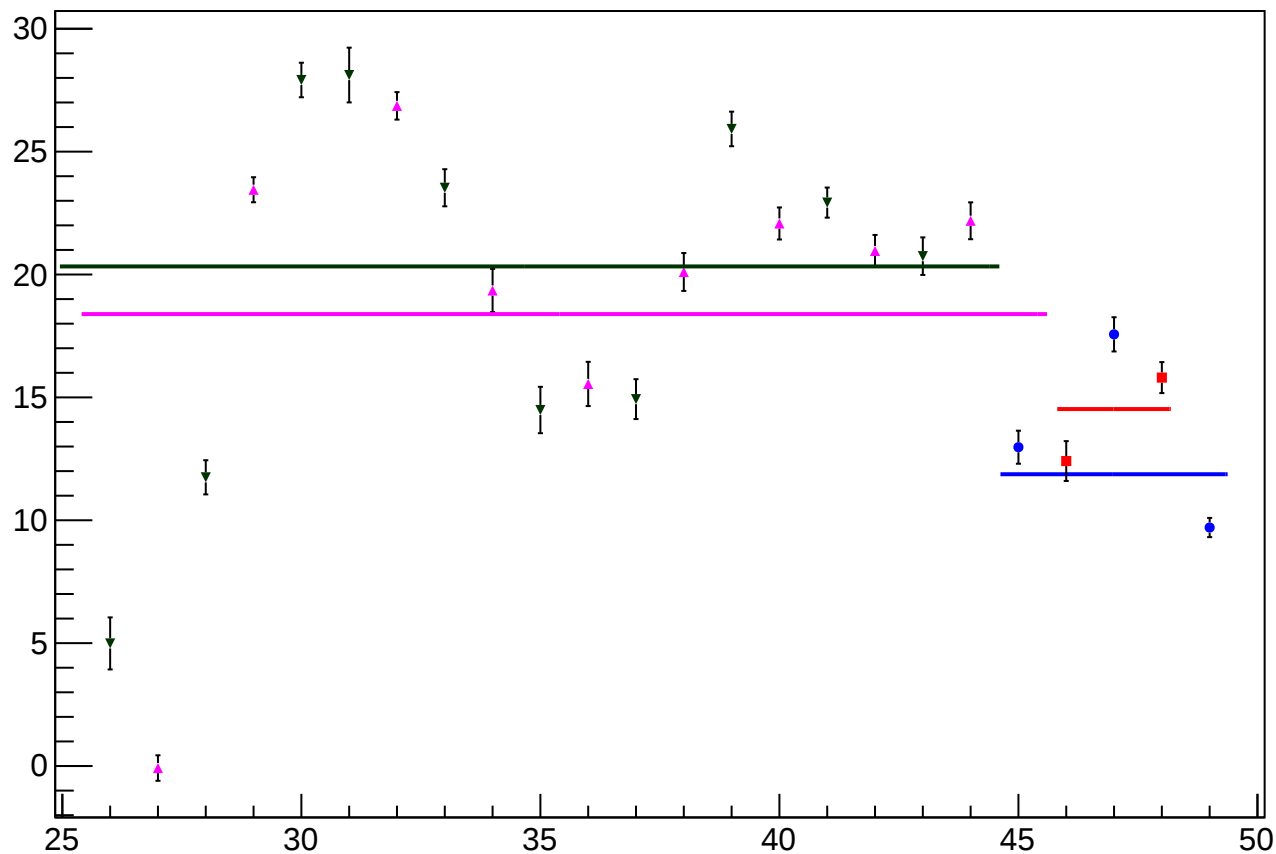
Right Out: 5.786+/-0.090 χ^2/NDF : 96.1/1

Left In: 3.402+/-0.042 χ^2/NDF : 125.8/8

4.543+/-0.034 χ^2/NDF : 4184.9/11

3.836+/-0.038 χ^2/NDF : 796.6/10

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 11.873+/-0.304 χ^2/NDF : 100.2/2

Left Out: 20.329+/-0.246 χ^2/NDF : 709.7/9

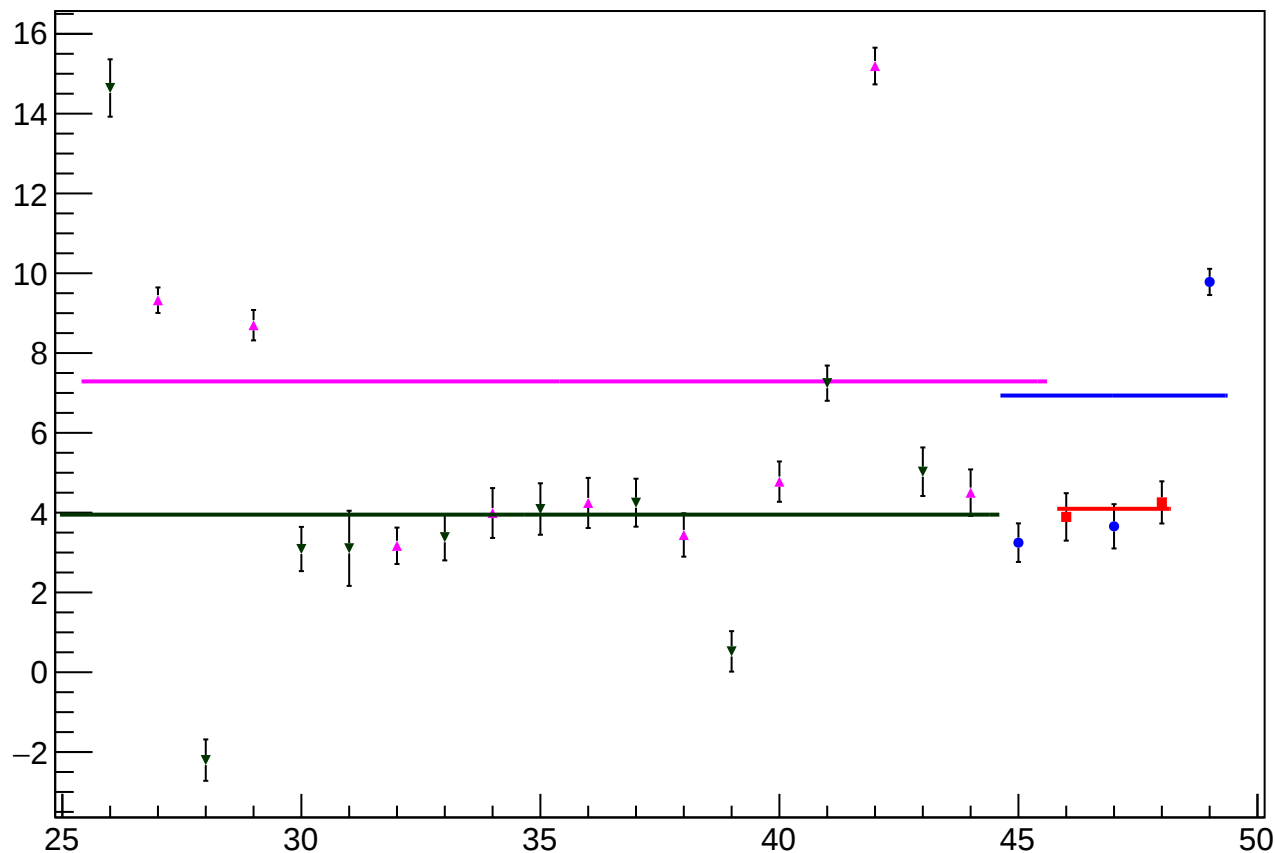
Right Out: 14.525+/-0.498 χ^2/NDF : 10.9/1

Left In: 18.390+/-0.216 χ^2/NDF : 1685.1/8

16.992+/-0.191 χ^2/NDF : 1277.8/12

17.778+/-0.198 χ^2/NDF : 1746.8/10

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 6.935 ± 0.244 χ^2/NDF : 168.2/2

Left Out: 3.950 ± 0.183 χ^2/NDF : 470.4/9

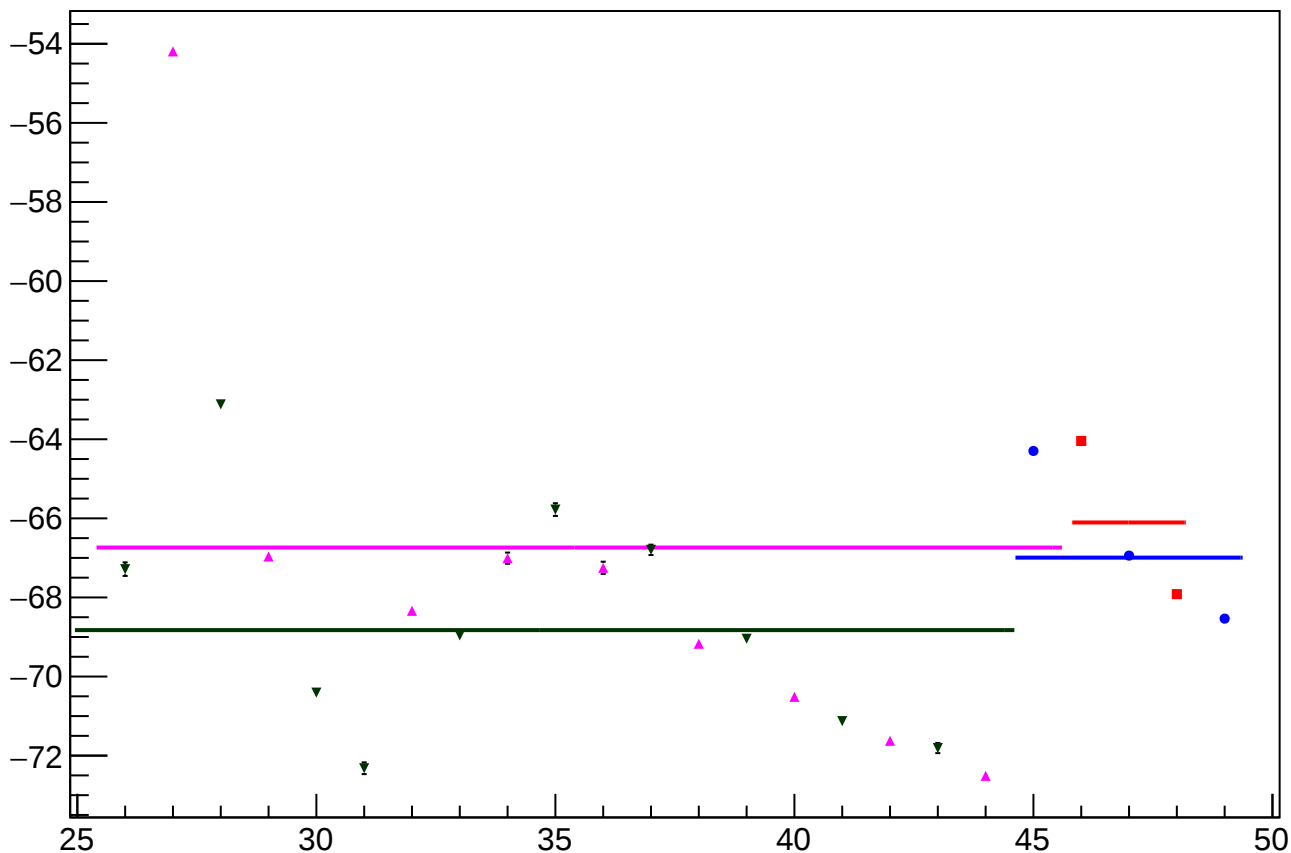
Right Out: 4.096 ± 0.395 χ^2/NDF : 0.2/1

Left In: 7.289 ± 0.155 χ^2/NDF : 579.9/8

5.024 ± 0.146 χ^2/NDF : 734.4/12

6.862 ± 0.144 χ^2/NDF : 636.8/10

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.993 $\pm$ 0.056 χ^2 /NDF: 1001.7/2

Left Out: -68.826 $\pm$ 0.041 χ^2 /NDF: 4587.0/9

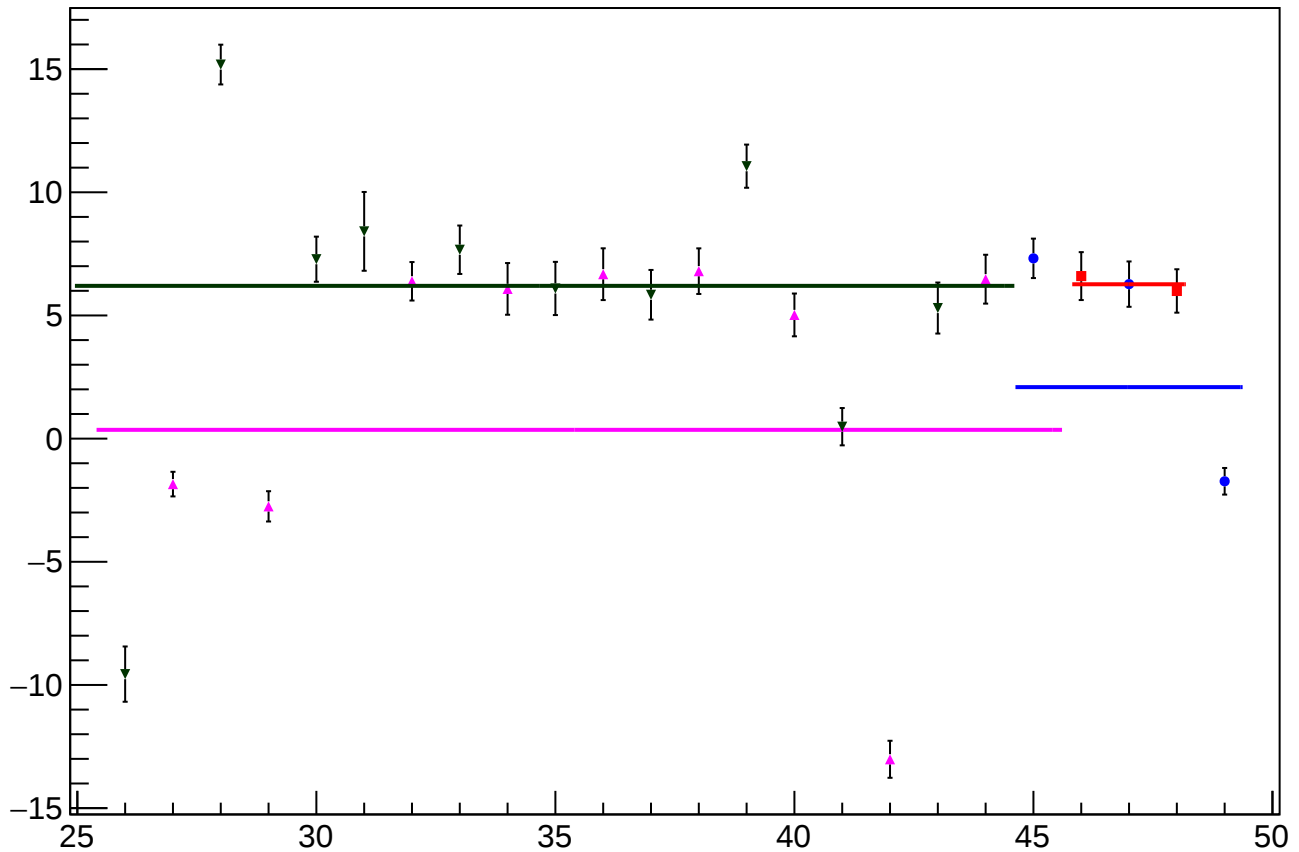
Right Out: -66.104 $\pm$ 0.084 χ^2 /NDF: 532.1/1

Left In: -66.738 $\pm$ 0.037 χ^2 /NDF: 23839.7/8

-68.200 $\pm$ 0.033 χ^2 /NDF: 6284.9/12

-66.633 $\pm$ 0.034 χ^2 /NDF: 24419.5/10

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 2.090 $\pm$ 0.403 χ^2 /NDF: 113.3/2

Left Out: 6.202 $\pm$ 0.305 χ^2 /NDF: 415.4/9

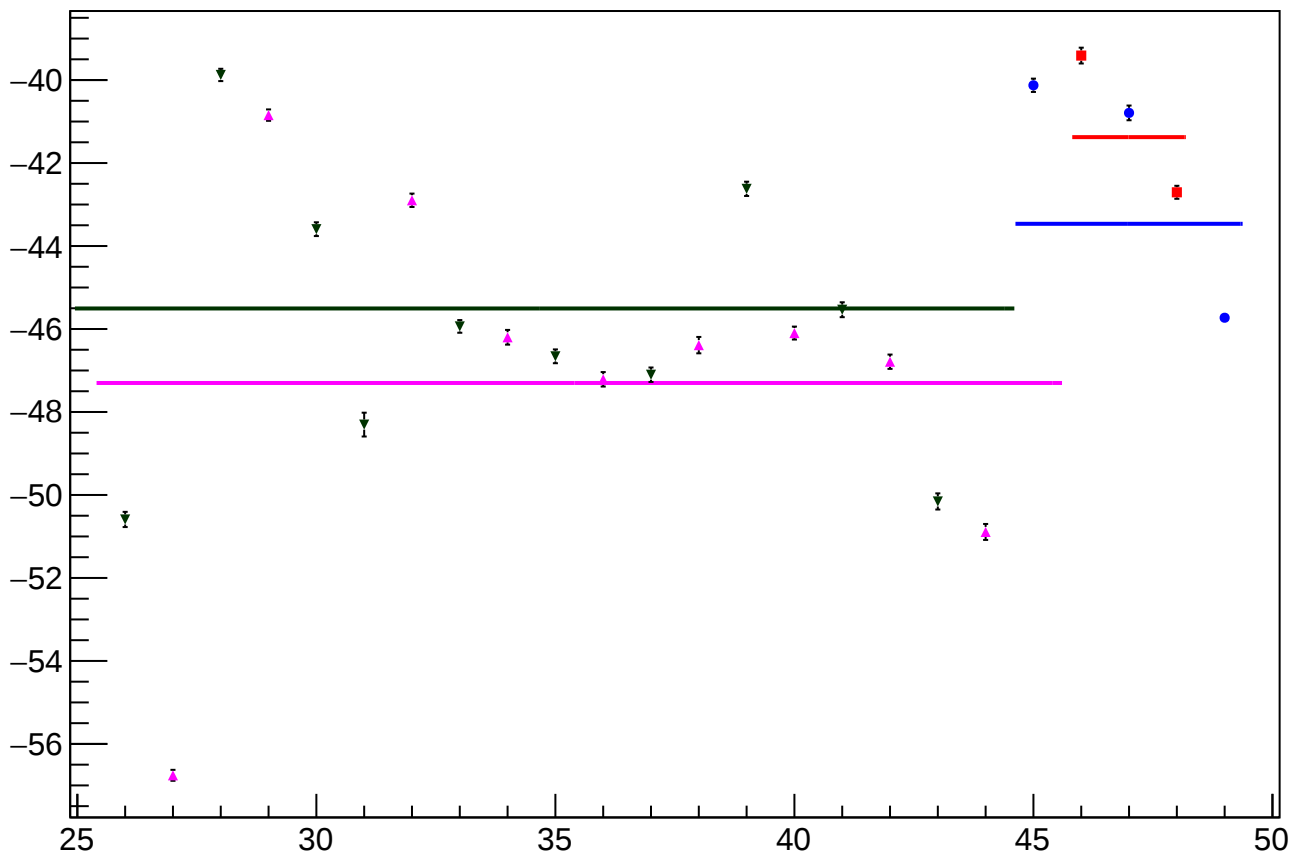
Right Out: 6.266 $\pm$ 0.653 χ^2 /NDF: 0.2/1

Left In: 0.357 $\pm$ 0.255 χ^2 /NDF: 602.5/8

4.705 $\pm$ 0.243 χ^2 /NDF: 594.9/12

1.138 $\pm$ 0.237 χ^2 /NDF: 673.8/10

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -43.465 +/- 0.078 χ^2/NDF : 1146.2/2

Left Out: -45.505 +/- 0.055 χ^2/NDF : 3423.9/9

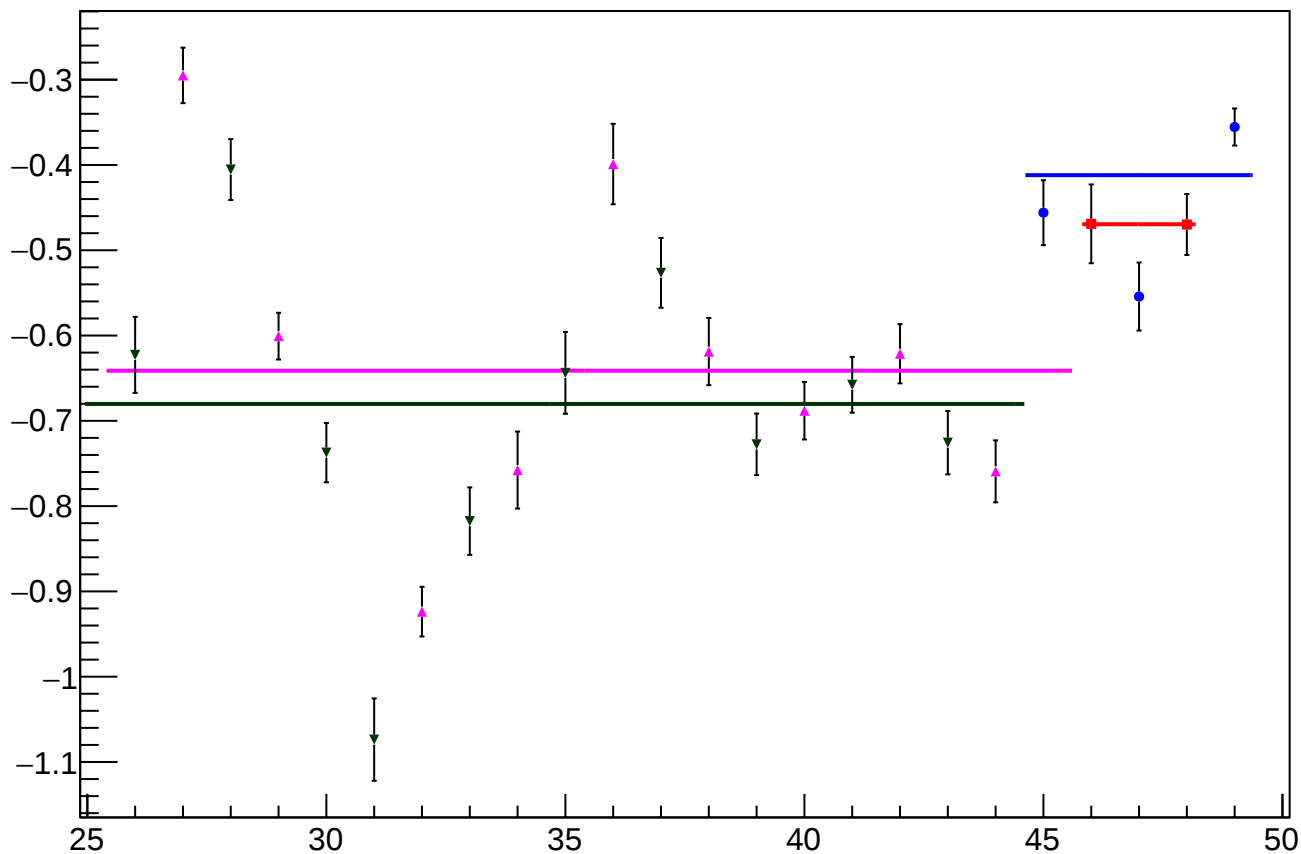
Right Out: -41.376 +/- 0.121 χ^2/NDF : 178.1/1

Left In: -47.301 +/- 0.054 χ^2/NDF : 8552.3/8

-44.819 +/- 0.045 χ^2/NDF : 5027.4/12

-46.313 +/- 0.049 χ^2/NDF : 10724.4/10

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.412 $\pm$ 0.017 χ^2/NDF : 20.9/2

Left Out: -0.680 $\pm$ 0.012 χ^2/NDF : 160.4/9

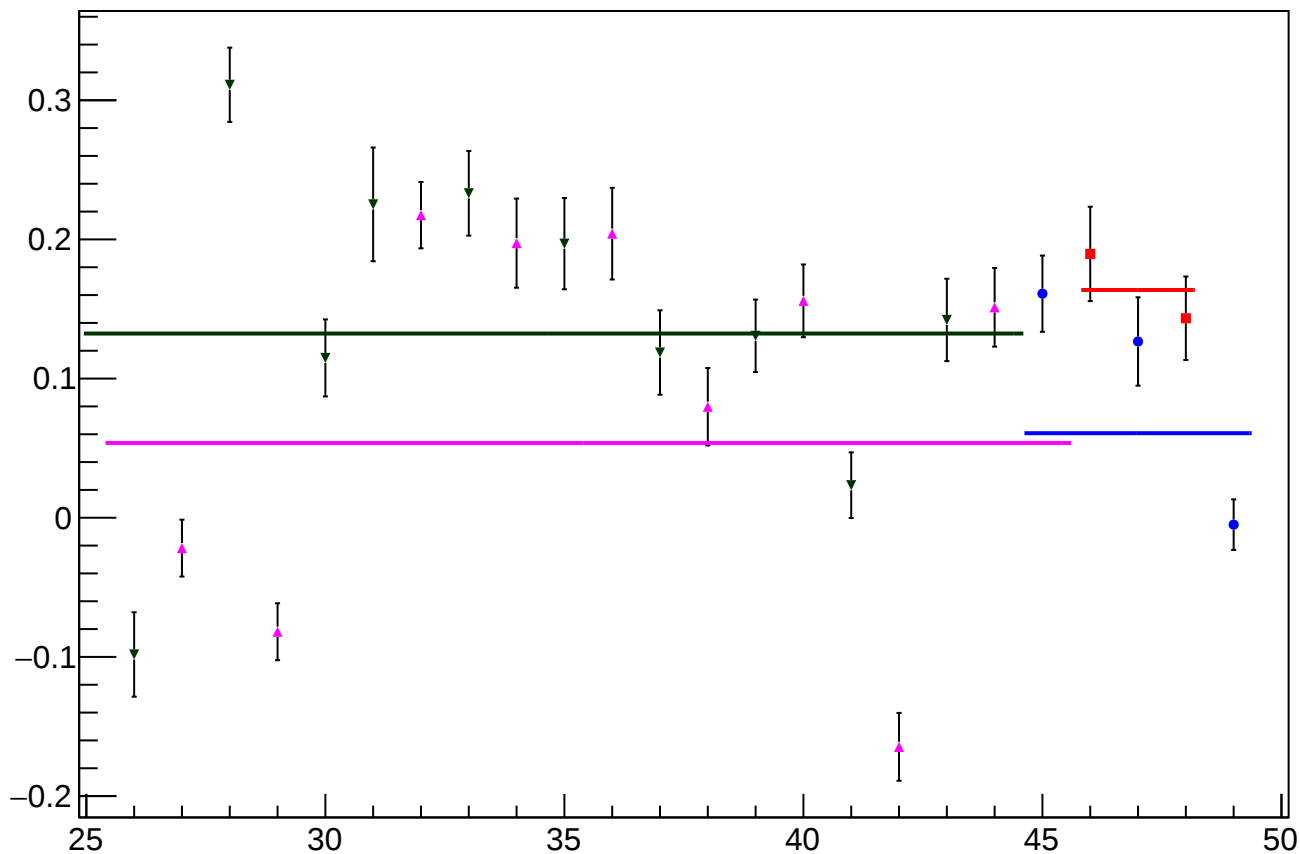
Right Out: -0.470 $\pm$ 0.028 χ^2/NDF : 0.0/1

Left In: -0.641 $\pm$ 0.012 χ^2/NDF : 255.8/8

-0.589 $\pm$ 0.010 χ^2/NDF : 344.4/12

-0.617 $\pm$ 0.011 χ^2/NDF : 287.4/10

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.061 ± 0.014 $\chi^2/\text{NDF}: 30.8/2$

Left Out: 0.132 ± 0.009 $\chi^2/\text{NDF}: 144.8/9$

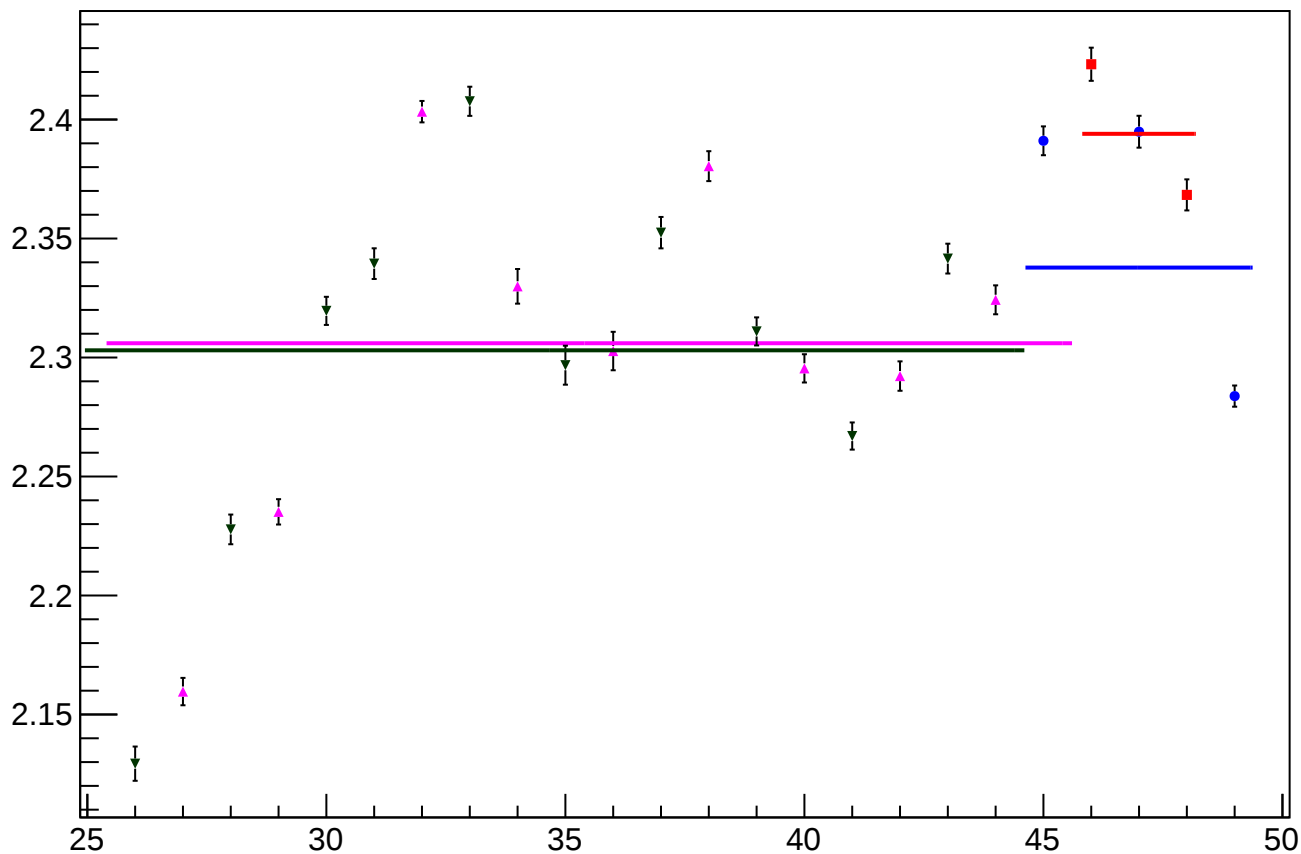
Right Out: 0.164 ± 0.022 $\chi^2/\text{NDF}: 1.0/1$

Left In: 0.054 ± 0.008 $\chi^2/\text{NDF}: 253.9/8$

0.110 ± 0.008 $\chi^2/\text{NDF}: 194.5/12$

0.067 ± 0.008 $\chi^2/\text{NDF}: 275.9/10$

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.338 $\pm$ 0.003 χ^2 /NDF: 297.0/2

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF:1196.0/9

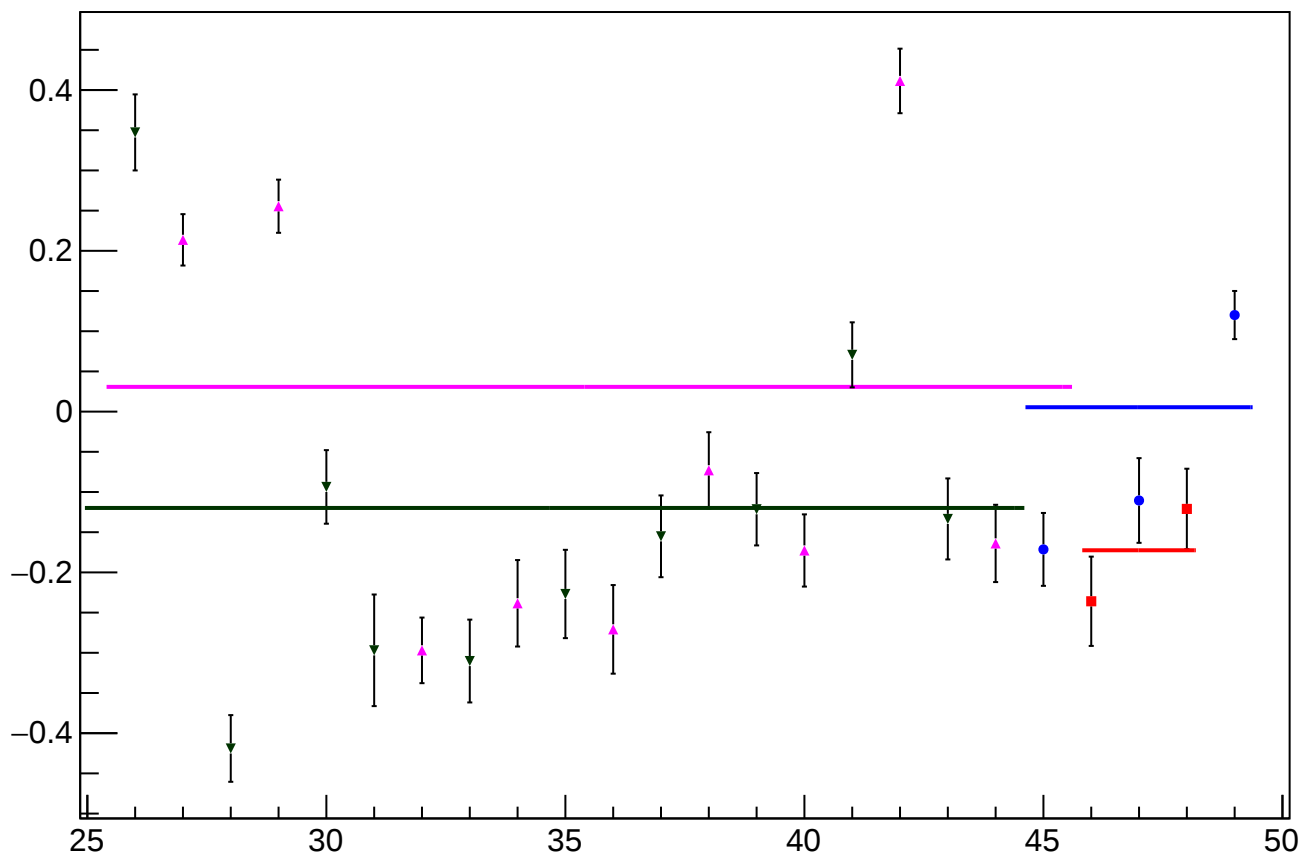
Right Out: 2.394 $\pm$ 0.005 χ^2 /NDF: 33.1/1

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF:1460.1/8

2.313 $\pm$ 0.002 χ^2 /NDF: 1579.1/12

2.319 $\pm$ 0.002 χ^2 /NDF: 1784.3/10

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 0.005 ± 0.023 χ^2/NDF : 34.7/2

Left Out: -0.120 ± 0.015 χ^2/NDF : 196.6/9

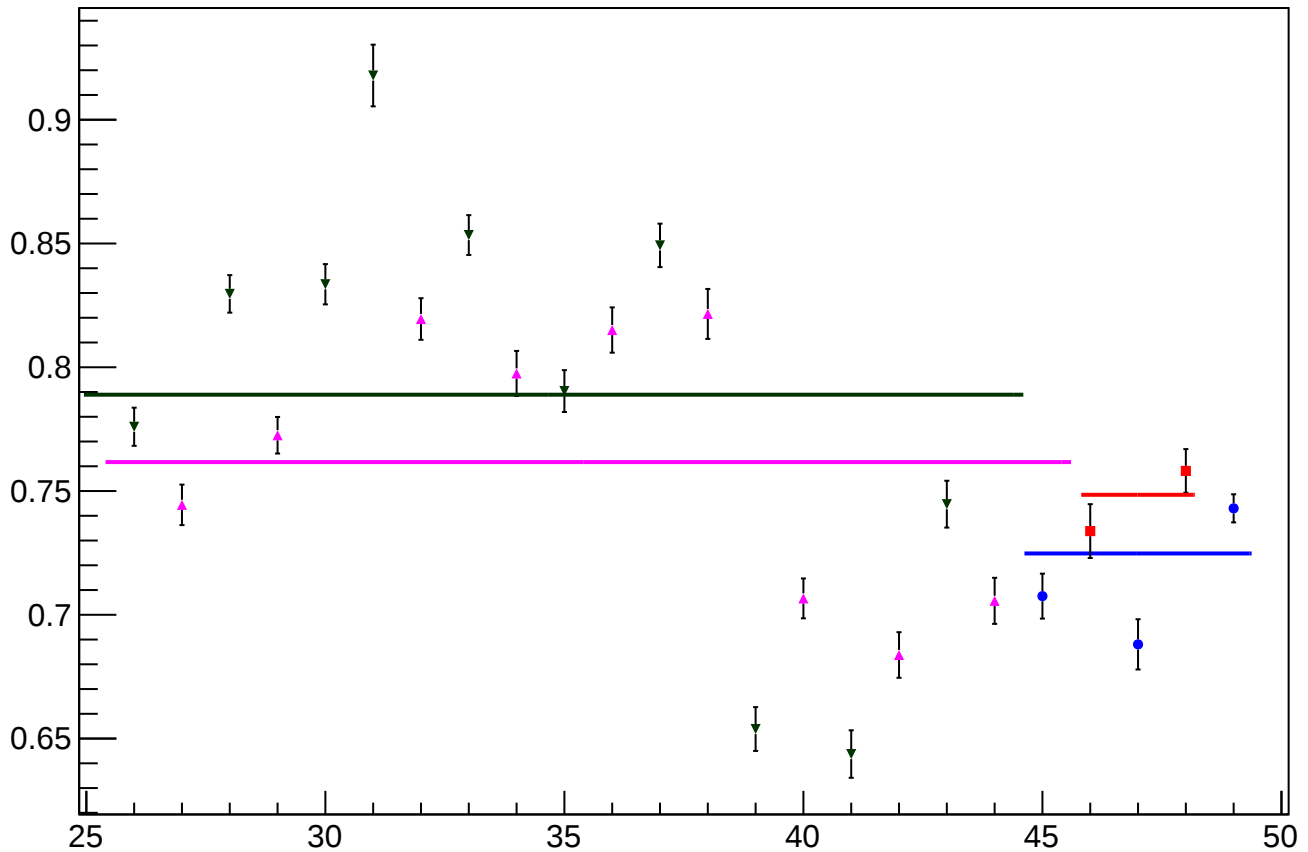
Right Out: -0.172 ± 0.037 χ^2/NDF : 2.4/1

Left In: 0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.081 ± 0.013 χ^2/NDF : 252.4/12

0.006 ± 0.013 χ^2/NDF : 358.7/10

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.725 $\pm$ 0.004 χ^2 /NDF: 27.0/2

Left Out: 0.789 $\pm$ 0.003 χ^2 /NDF: 764.3/9

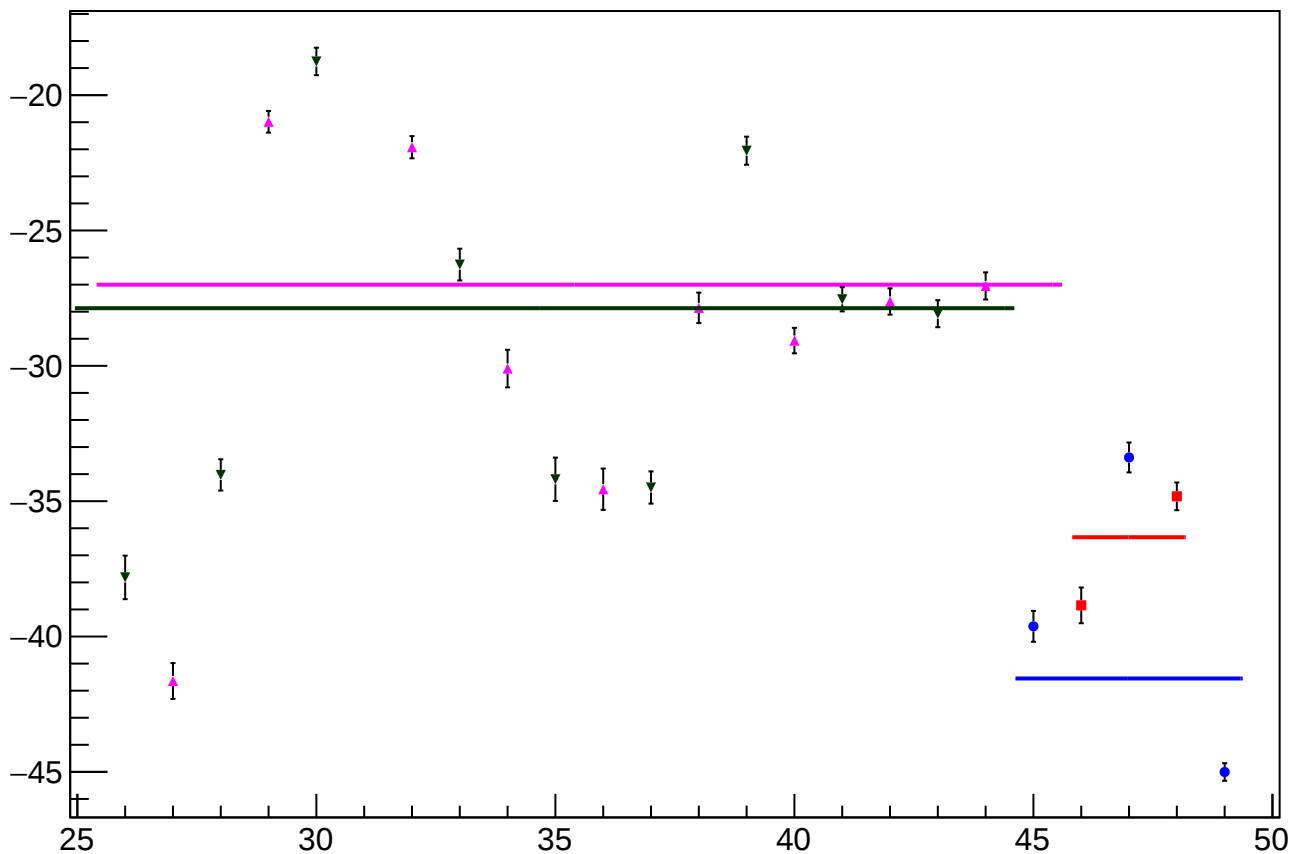
Right Out: 0.748 $\pm$ 0.007 χ^2 /NDF: 3.0/1

Left In: 0.762 $\pm$ 0.003 χ^2 /NDF: 293.2/8

0.771 $\pm$ 0.002 χ^2 /NDF: 946.9/12

0.760 $\pm$ 0.003 χ^2 /NDF: 299.3/10

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -41.550 $\pm$ 0.251 χ^2 /NDF: 342.9/2

Left Out: -27.871 $\pm$ 0.188 χ^2 /NDF: 907.3/8

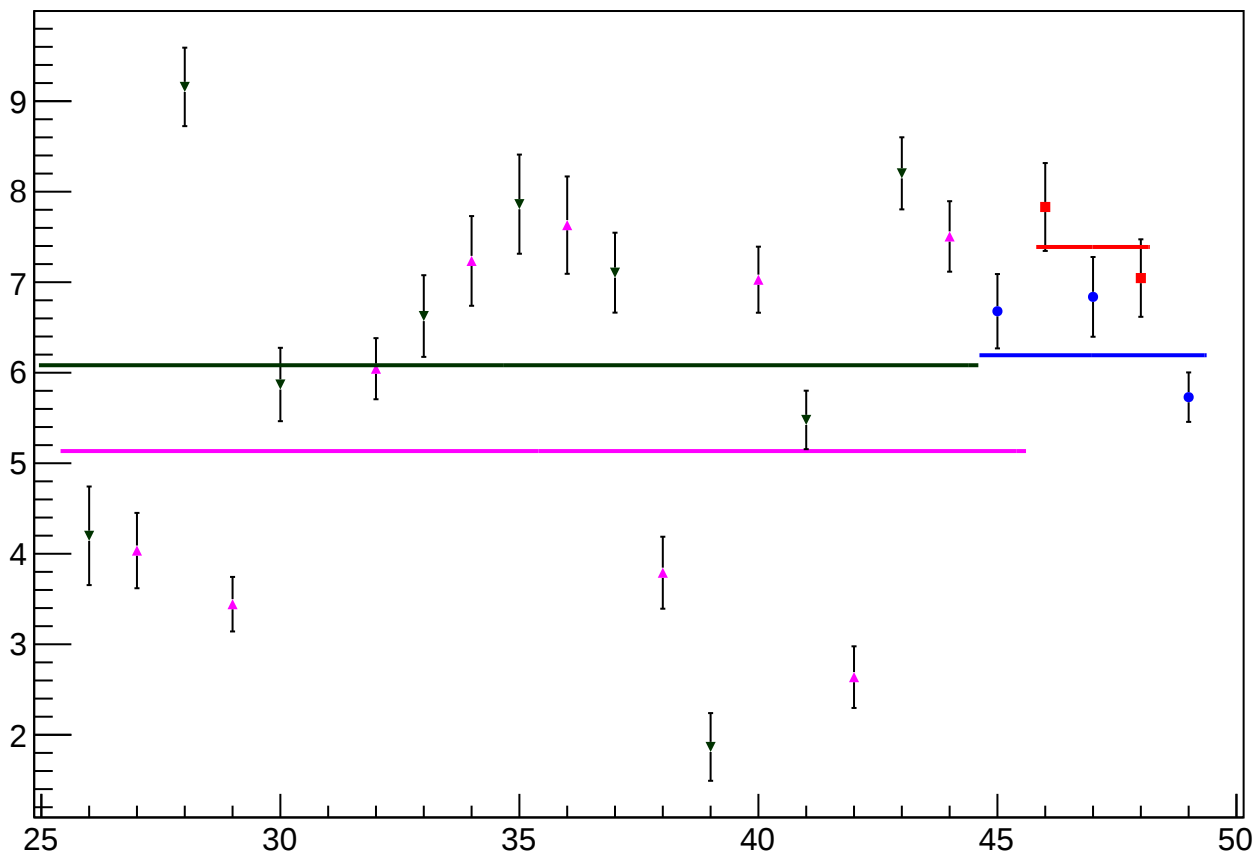
Right Out: -36.331 $\pm$ 0.405 χ^2 /NDF: 23.2/1

Left In: -27.003 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-32.762 $\pm$ 0.150 χ^2 /NDF: 3150.8/11

-28.420 $\pm$ 0.158 χ^2 /NDF: 1482.0/10

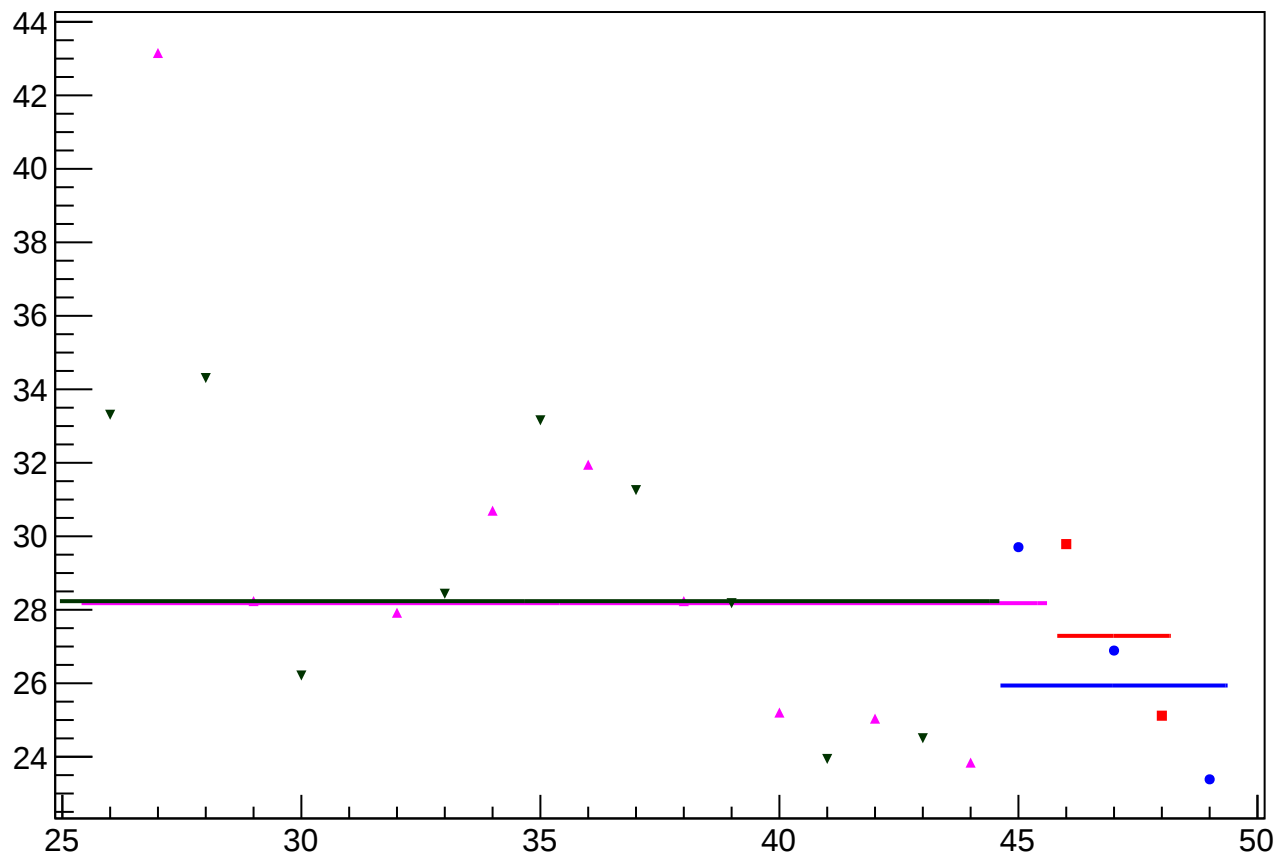
reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.193 ± 0.202 χ^2/NDF : 6.4/2
 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

6.118 ± 0.115 χ^2/NDF : 245.5/11
 5.439 ± 0.118 χ^2/NDF : 258.6/10

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.939+/-0.047 χ^2/NDF : 3278.3/2

Left Out: 28.235+/-0.031 χ^2/NDF : 12988.2/8

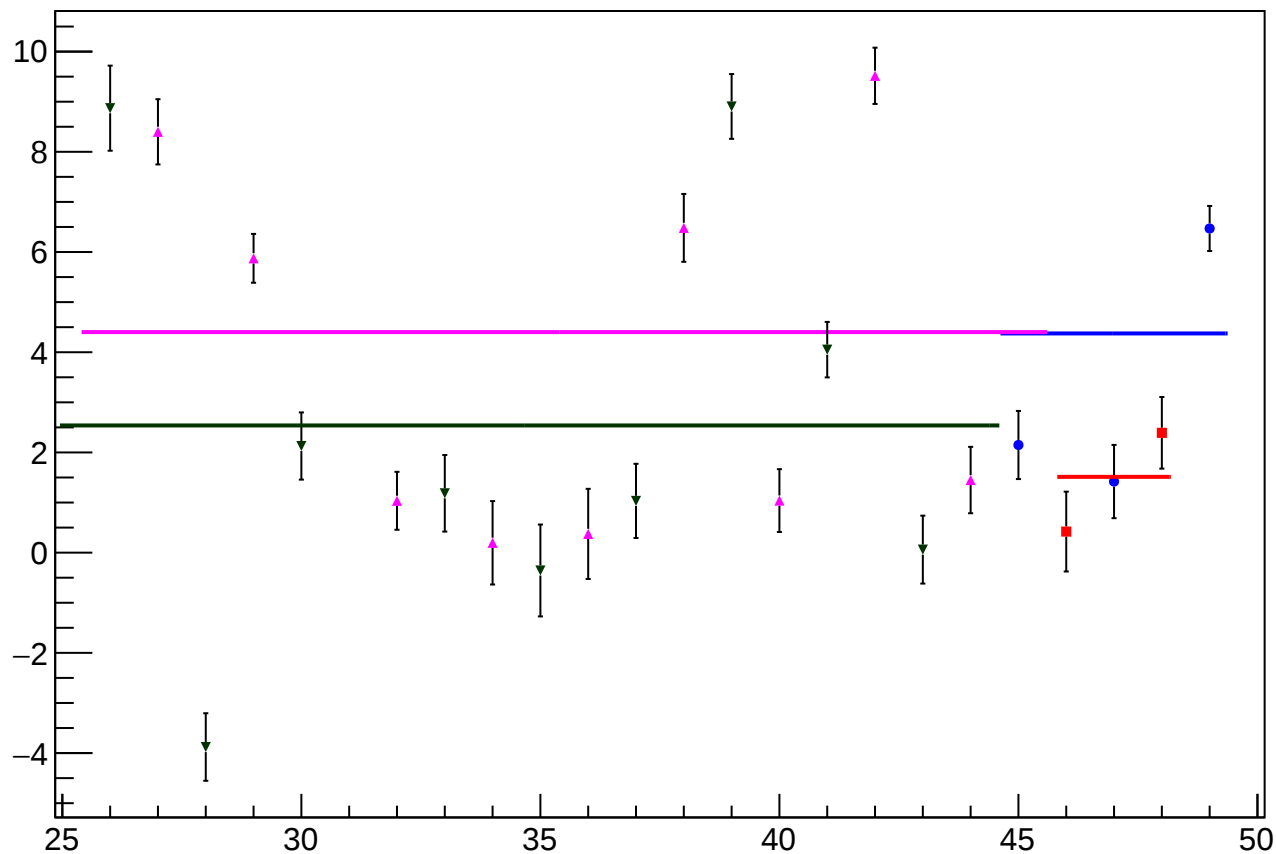
Right Out: 27.291+/-0.068 χ^2/NDF : 1180.5/1

Left In: 28.180+/-0.029 χ^2/NDF : 23006.5/8

27.522+/-0.026 χ^2/NDF : 17938.0/11

28.040+/-0.027 χ^2/NDF : 24332.1/10

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 4.375+/-0.334 χ^2/NDF : 48.8/2

Left Out: 2.539+/-0.233 χ^2/NDF : 281.6/8

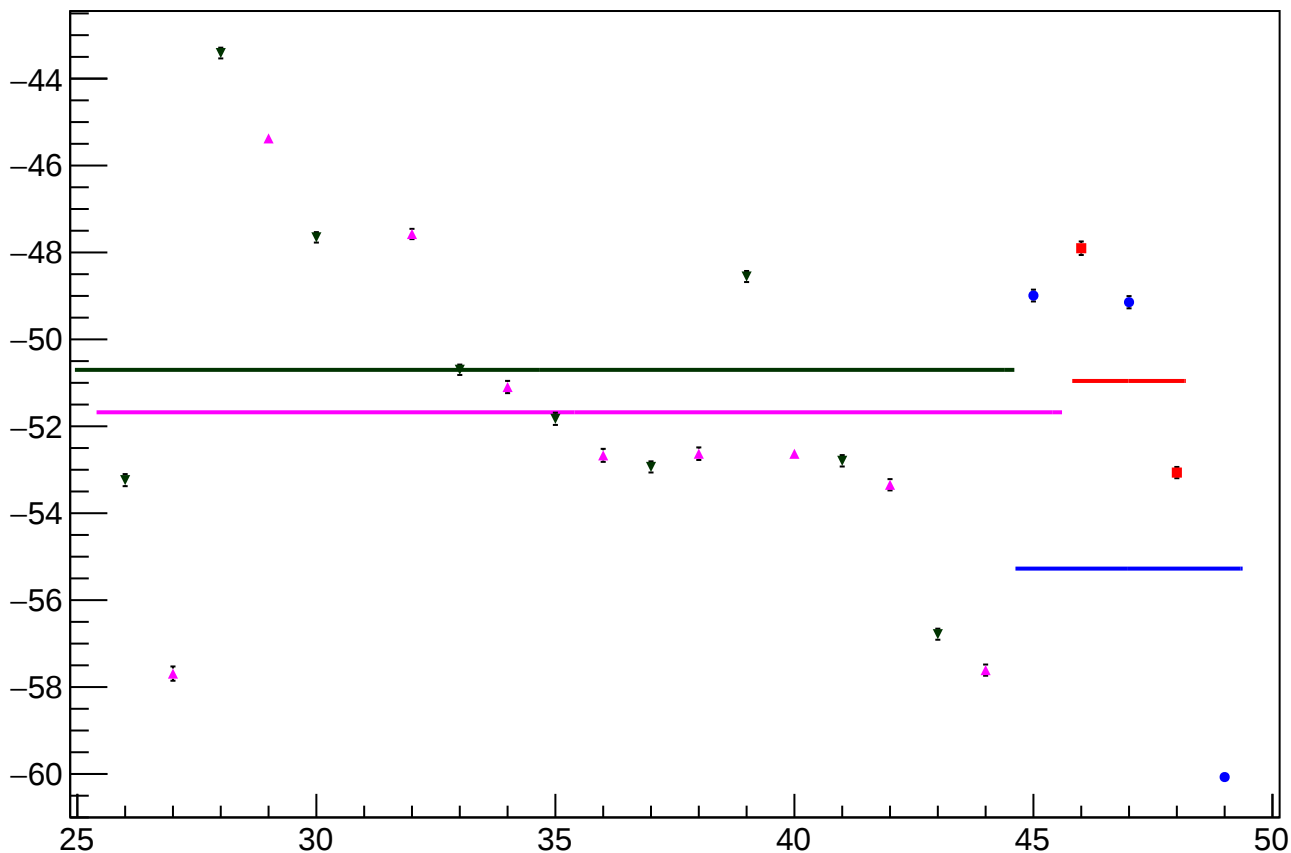
Right Out: 1.513+/-0.532 χ^2/NDF : 3.4/1

Left In: 4.402+/-0.211 χ^2/NDF : 267.4/8

3.142+/-0.191 χ^2/NDF : 350.7/11

4.008+/-0.196 χ^2/NDF : 296.2/10

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.274 ± 0.065 χ^2/NDF : 7137.1/2

Left Out: -50.702 ± 0.043 χ^2/NDF : 7639.1/8

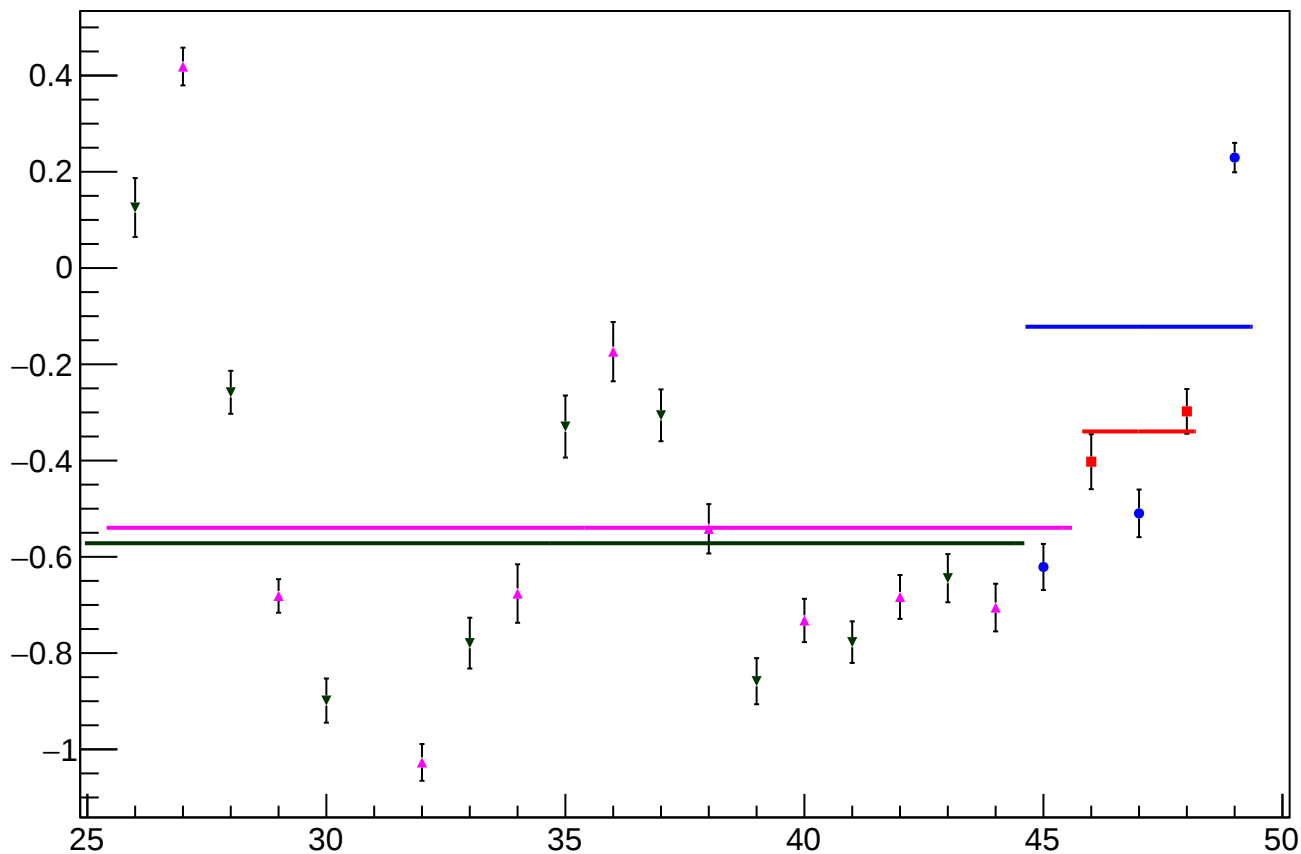
Right Out: -50.957 ± 0.100 χ^2/NDF : 648.6/1

Left In: -51.678 ± 0.043 χ^2/NDF : 8312.3/8

-52.091 ± 0.036 χ^2/NDF : 18263.9/11

-51.563 ± 0.040 χ^2/NDF : 9005.0/10

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.122 $\pm$ 0.023 χ^2/NDF : 302.4/2

Left Out: -0.572 $\pm$ 0.017 χ^2/NDF : 344.3/8

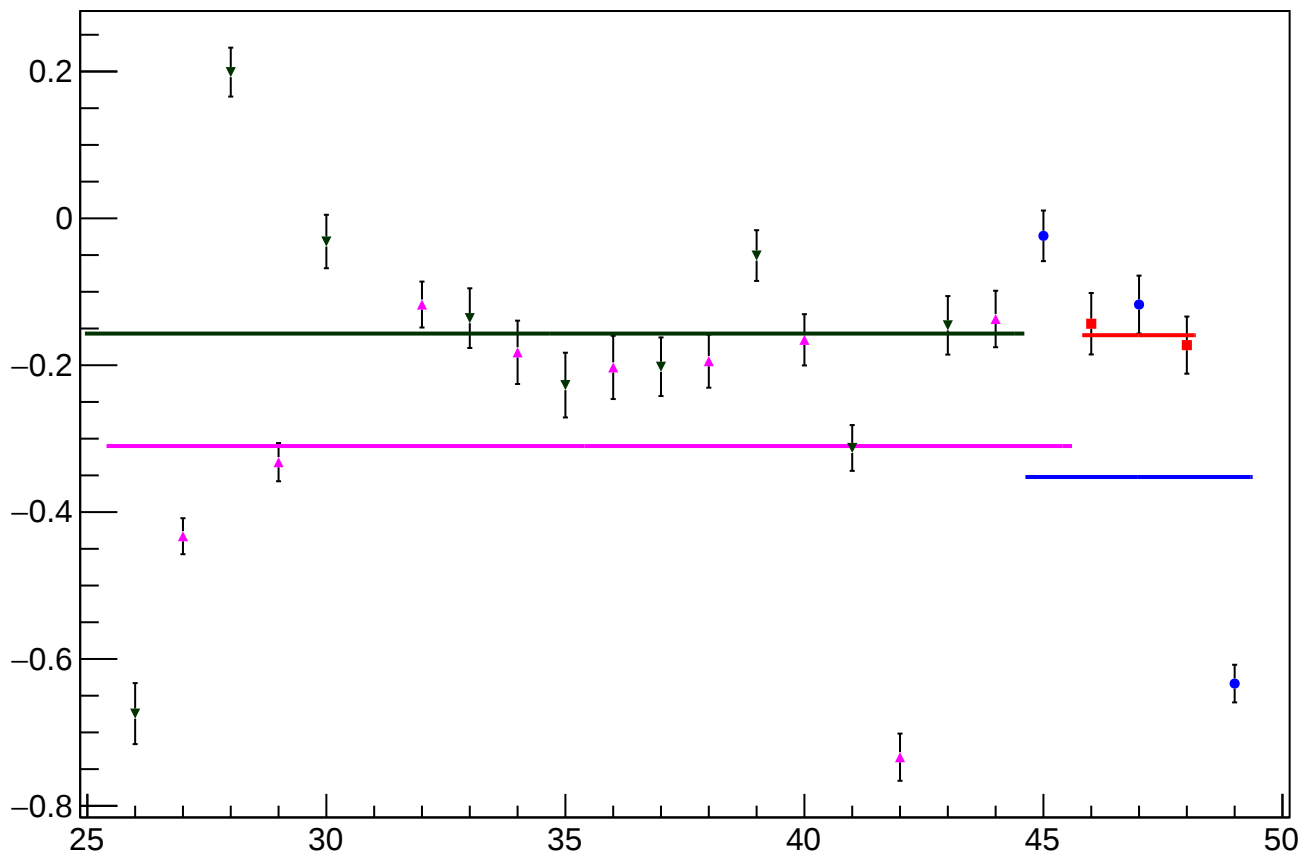
Right Out: -0.339 $\pm$ 0.036 χ^2/NDF : 2.0/1

Left In: -0.540 $\pm$ 0.015 χ^2/NDF : 857.8/8

-0.414 $\pm$ 0.014 χ^2/NDF : 898.6/11

-0.510 $\pm$ 0.014 χ^2/NDF : 886.1/10

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.352 ± 0.018 χ^2/NDF : 246.8/2

Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

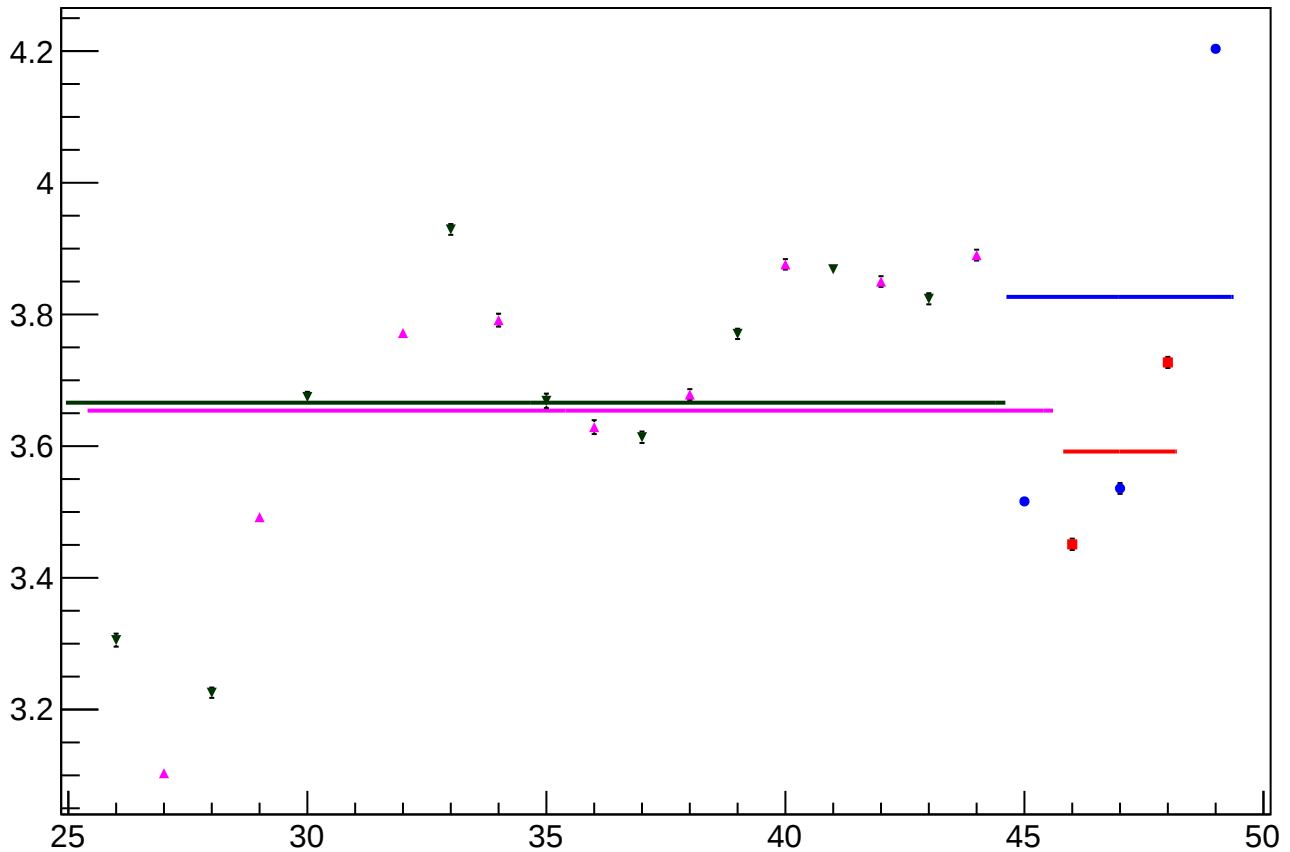
Right Out: -0.159 ± 0.028 χ^2/NDF : 0.3/1

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.219 ± 0.010 χ^2/NDF : 645.0/11

-0.291 ± 0.010 χ^2/NDF : 325.1/10

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.827+/-0.004 χ^2/NDF : 6486.5/2

Left Out: 3.666+/-0.003 χ^2/NDF : 6817.2/8

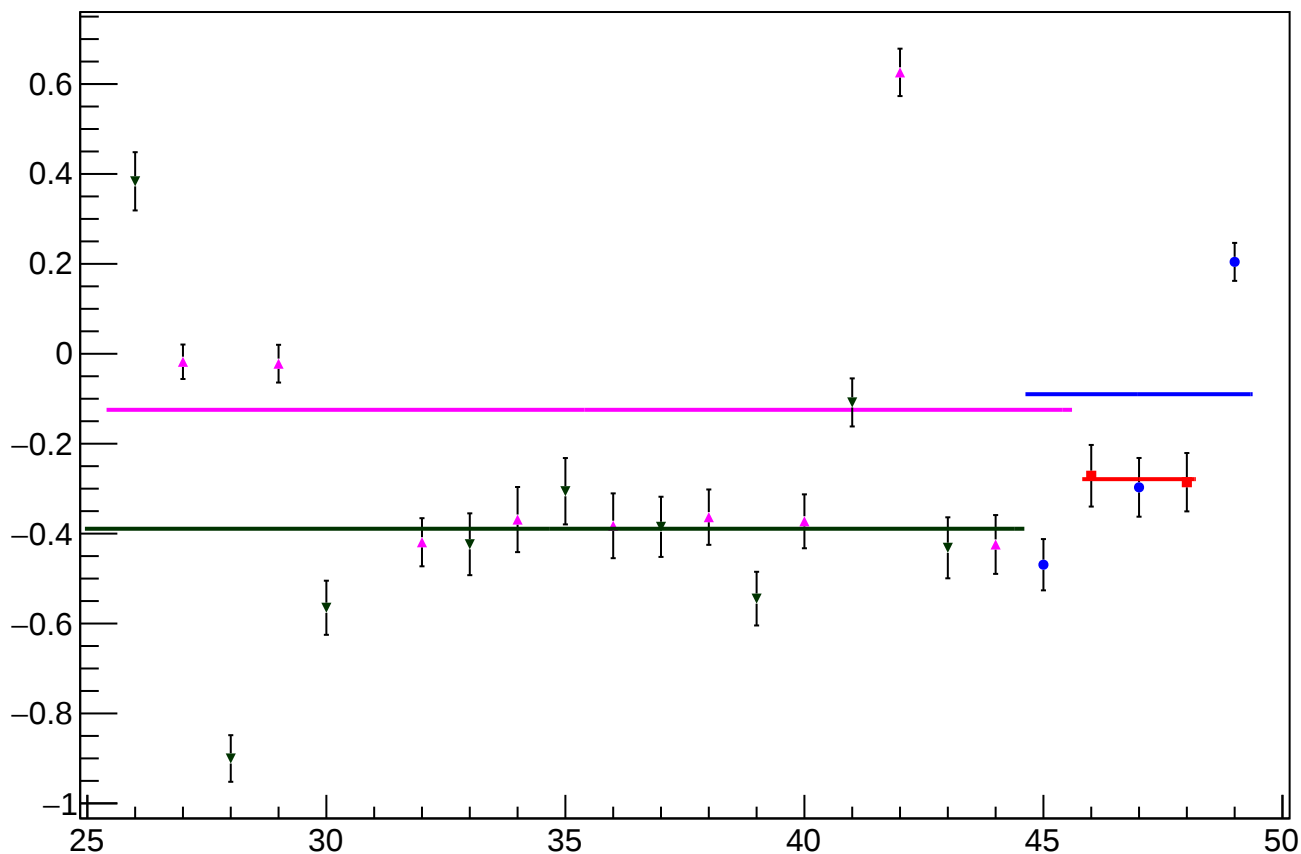
Right Out: 3.592+/-0.006 χ^2/NDF : 524.9/1

Left In: 3.654+/-0.003 χ^2/NDF : 9613.6/8

3.716+/-0.002 χ^2/NDF : 14320.7/11

3.644+/-0.002 χ^2/NDF : 10228.4/10

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.090 ± 0.030 χ^2/NDF : 102.9/2

Left Out: -0.389 ± 0.021 χ^2/NDF : 284.2/8

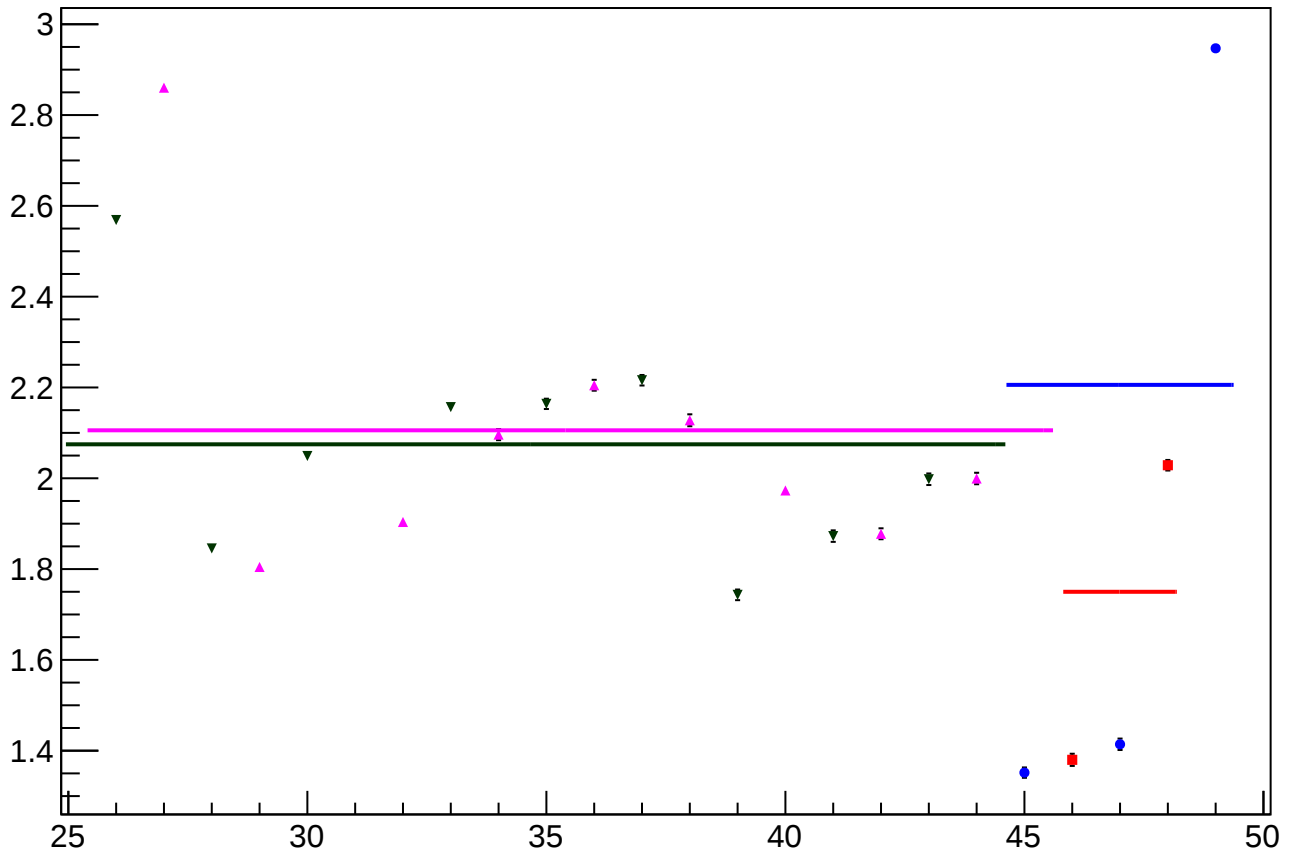
Right Out: -0.279 ± 0.047 χ^2/NDF : 0.0/1

Left In: -0.125 ± 0.018 χ^2/NDF : 324.0/8

-0.294 ± 0.017 χ^2/NDF : 454.4/11

-0.144 ± 0.017 χ^2/NDF : 333.4/10

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.206 $\pm$ 0.006 χ^2/NDF : 18098.9/2

Left Out: 2.075 $\pm$ 0.004 χ^2/NDF : 4111.6/8

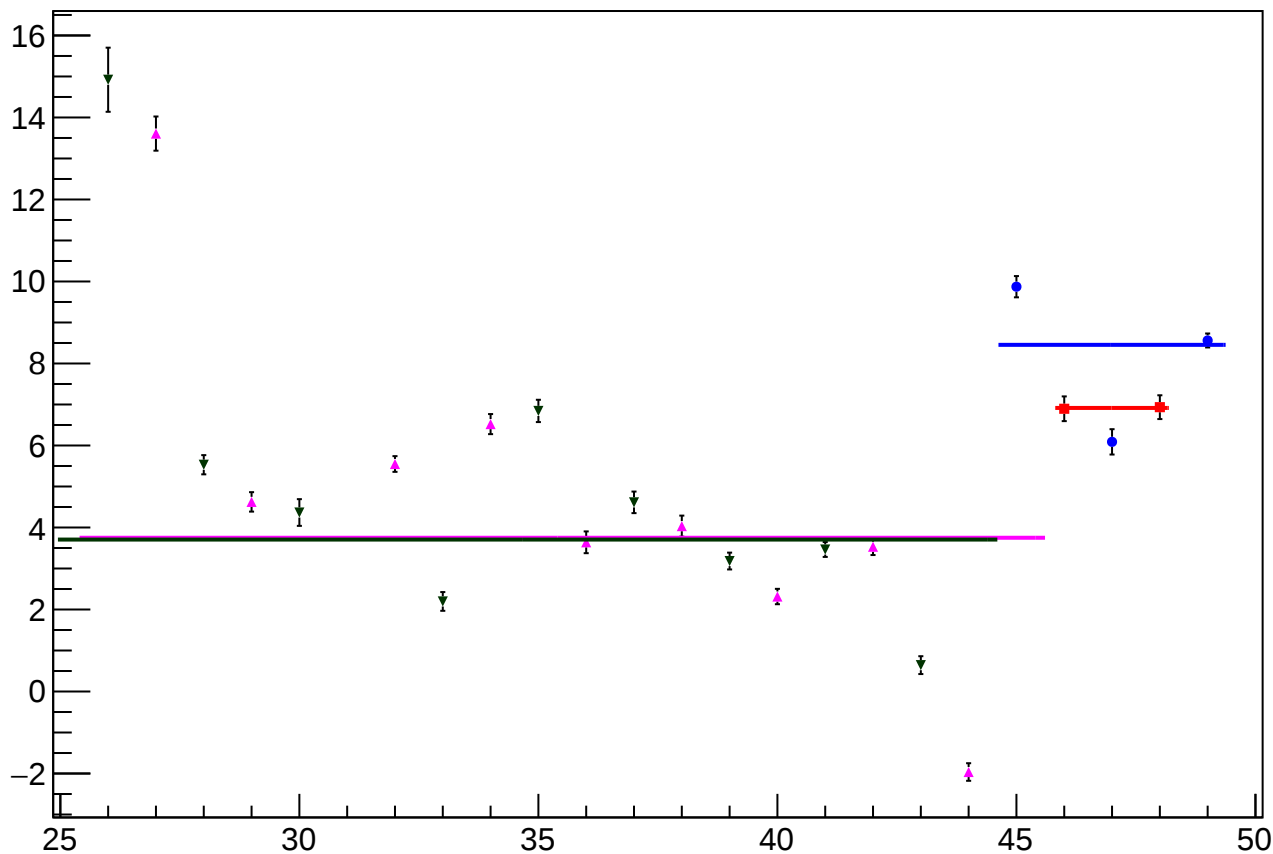
Right Out: 1.750 $\pm$ 0.009 χ^2/NDF : 1331.9/1

Left In: 2.106 $\pm$ 0.004 χ^2/NDF : 7840.1/8

2.113 $\pm$ 0.003 χ^2/NDF : 22569.5/11

2.051 $\pm$ 0.003 χ^2/NDF : 10553.9/10

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.455+/-0.129 χ^2/NDF : 88.9/2

Left Out: 3.706+/-0.081 χ^2/NDF : 665.5/8

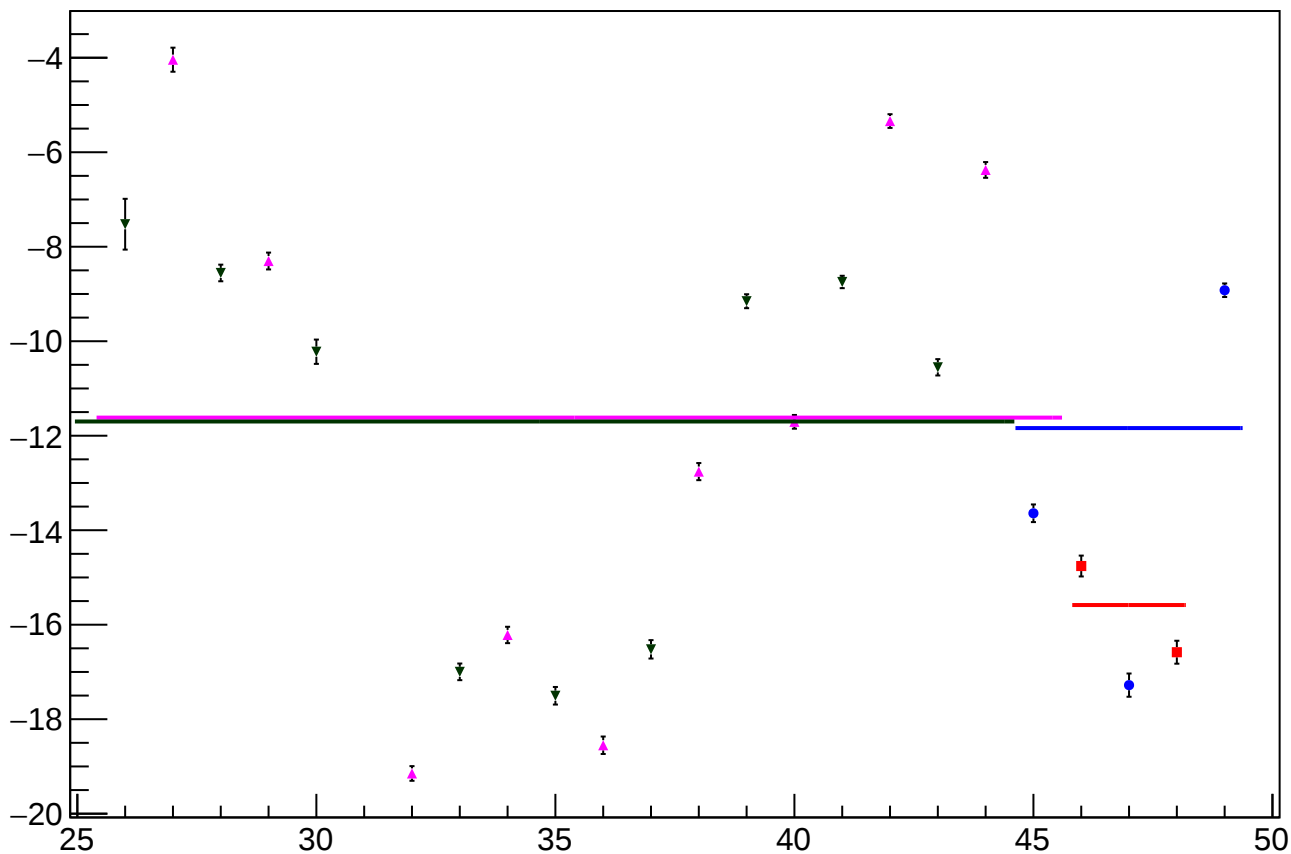
Right Out: 6.916+/-0.209 χ^2/NDF : 0.0/1

Left In: 3.750+/-0.076 χ^2/NDF : 1560.3/8

5.049+/-0.069 χ^2/NDF : 1722.3/11

4.123+/-0.072 χ^2/NDF : 1762.7/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -11.838 ± 0.103 $\chi^2/\text{NDF}: 995.3/2$

Left Out: -11.699 ± 0.060 $\chi^2/\text{NDF}: 3753.7/8$

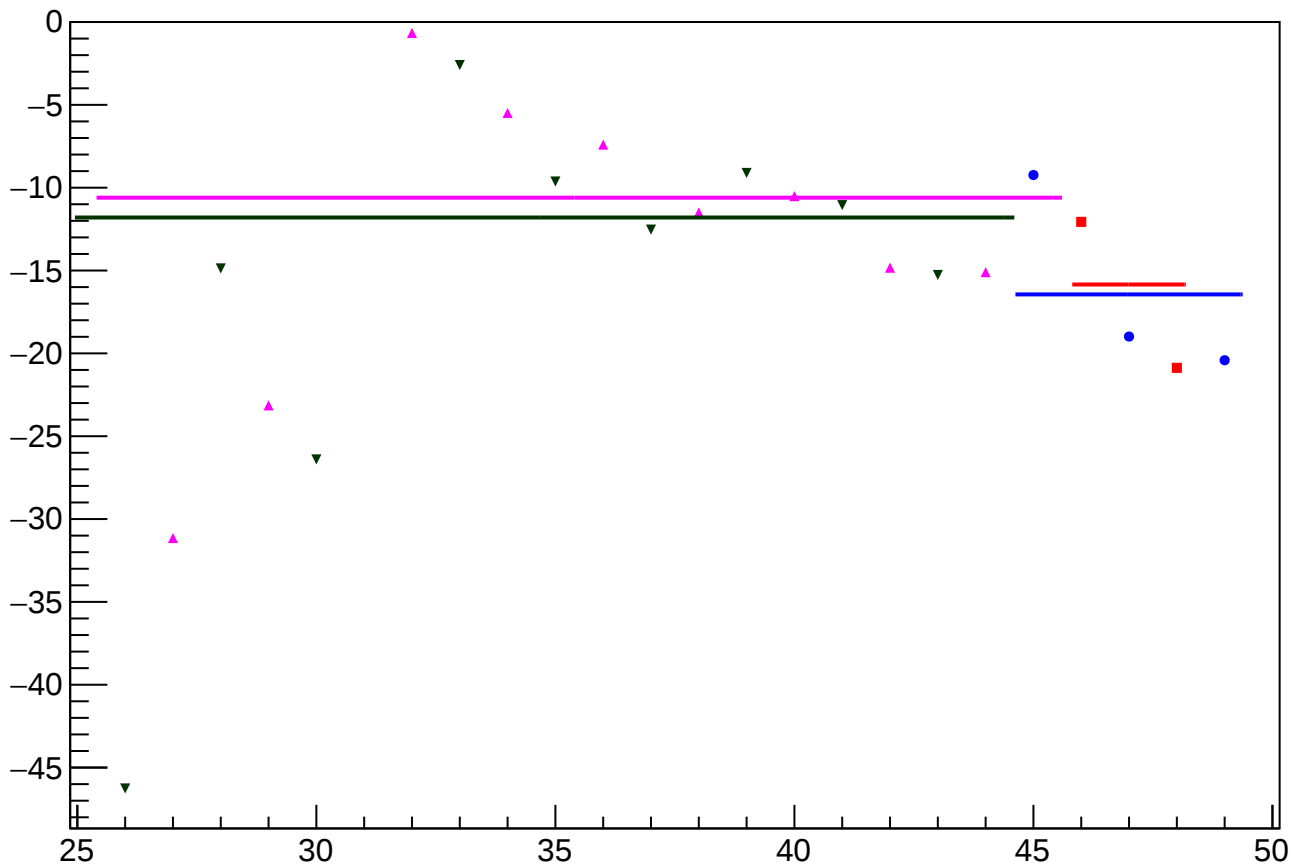
Right Out: -15.584 ± 0.163 $\chi^2/\text{NDF}: 30.9/1$

Left In: -11.617 ± 0.057 $\chi^2/\text{NDF}: 8593.1/8$

-11.734 ± 0.052 $\chi^2/\text{NDF}: 4750.4/11$

-12.042 ± 0.053 $\chi^2/\text{NDF}: 9150.4/10$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -16.441 $\pm$ 0.024 χ^2 /NDF: 45643.5/2

Left Out: -11.800 $\pm$ 0.014 χ^2 /NDF: 232573.7/8

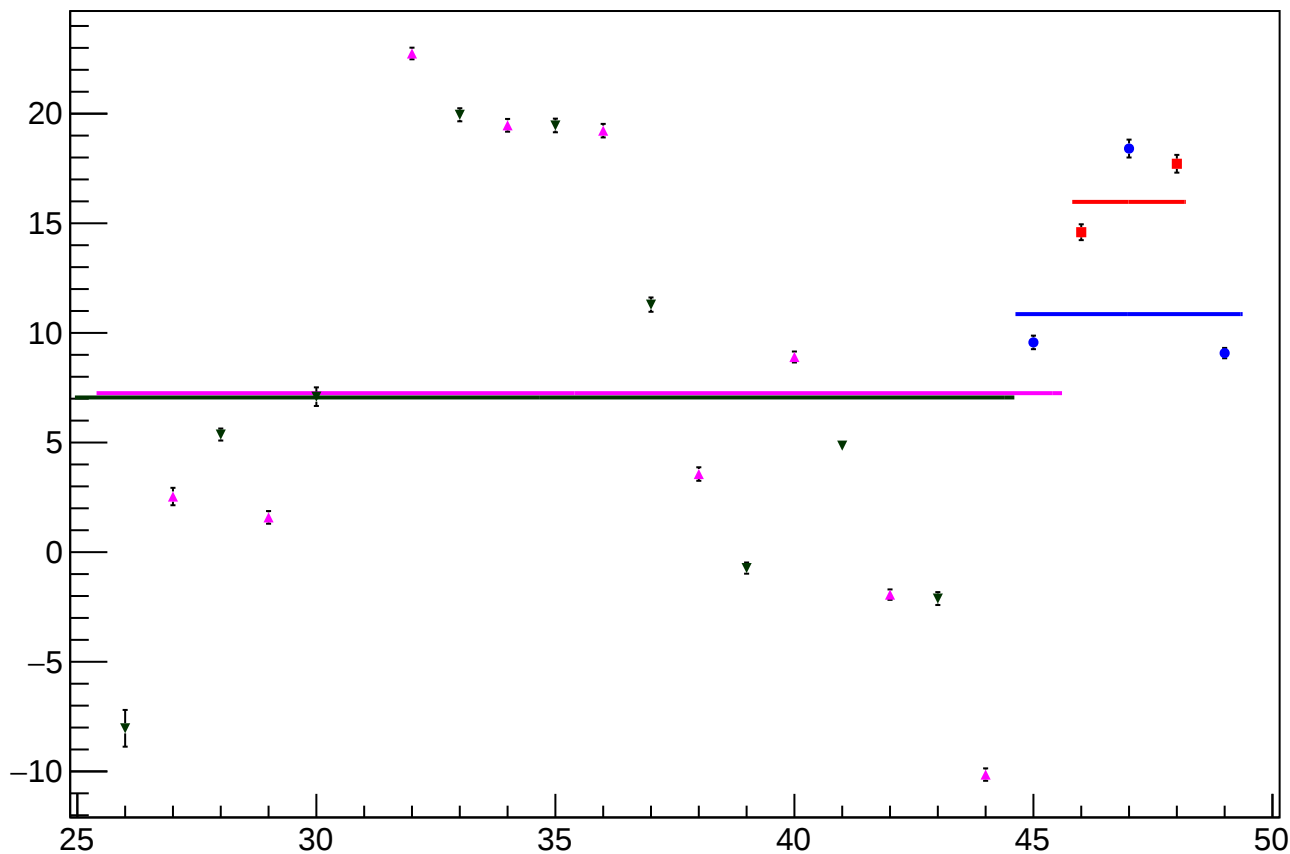
Right Out: -15.844 $\pm$ 0.034 χ^2 /NDF: 15997.8/1

Left In: -10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-12.942 $\pm$ 0.012 χ^2 /NDF: 307045.3/11

-11.244 $\pm$ 0.012 χ^2 /NDF: 356777.3/10

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 10.858+/-0.171 χ^2/NDF : 416.5/2

Left Out: 7.056+/-0.101 χ^2/NDF : 5984.3/8

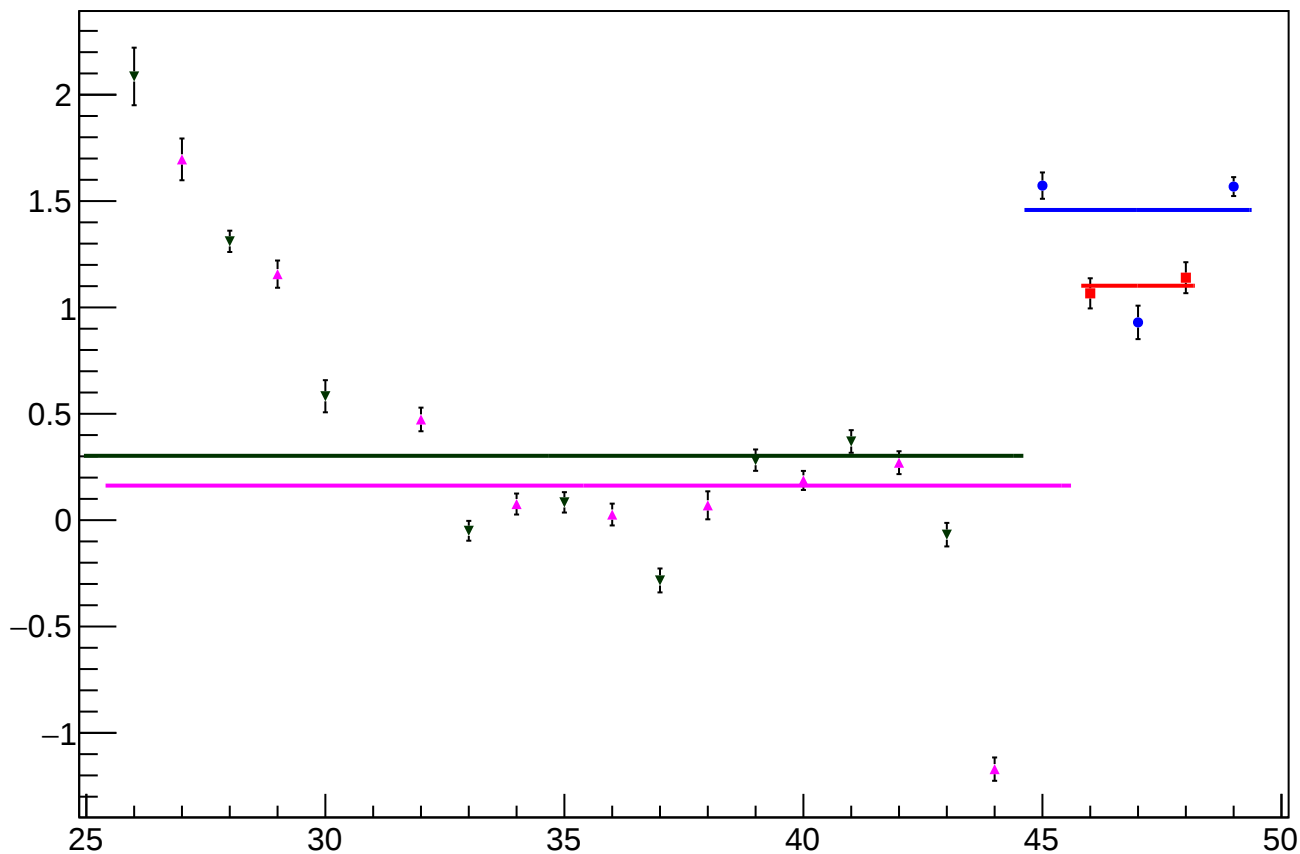
Right Out: 15.976+/-0.270 χ^2/NDF : 33.1/1

Left In: 7.252+/-0.095 χ^2/NDF : 12651.2/8

8.044+/-0.087 χ^2/NDF : 6768.7/11

8.209+/-0.089 χ^2/NDF : 13615.8/10

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.458 $\pm$ 0.033 χ^2/NDF : 54.7/2

Left Out: 0.303 $\pm$ 0.019 χ^2/NDF : 825.4/8

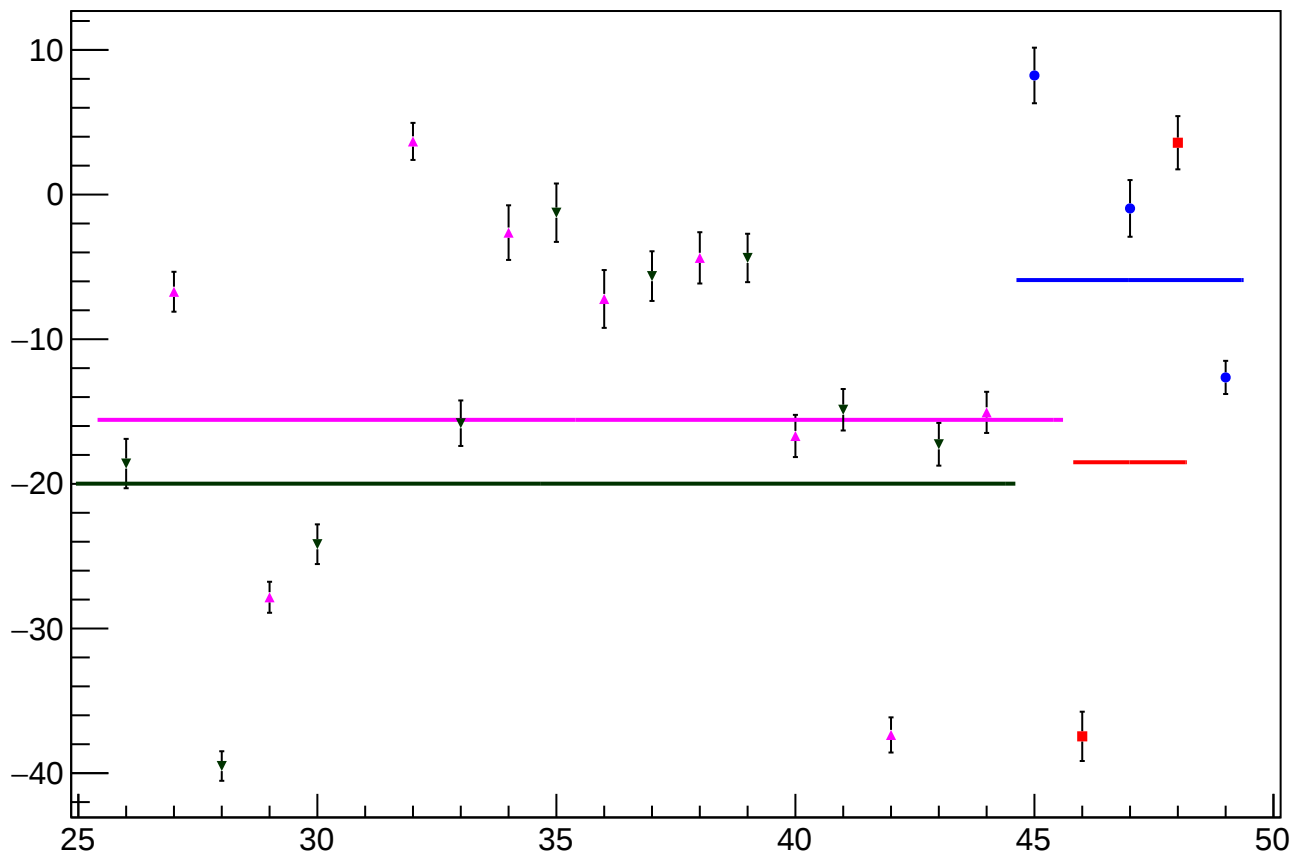
Right Out: 1.102 $\pm$ 0.051 χ^2/NDF : 0.5/1

Left In: 0.162 $\pm$ 0.019 χ^2/NDF : 1123.7/8

0.582 $\pm$ 0.016 χ^2/NDF : 1820.5/11

0.274 $\pm$ 0.018 χ^2/NDF : 1425.8/10

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -5.910 ± 0.880 χ^2/NDF : 95.0/2

Left Out: -19.986 ± 0.492 χ^2/NDF : 641.4/8

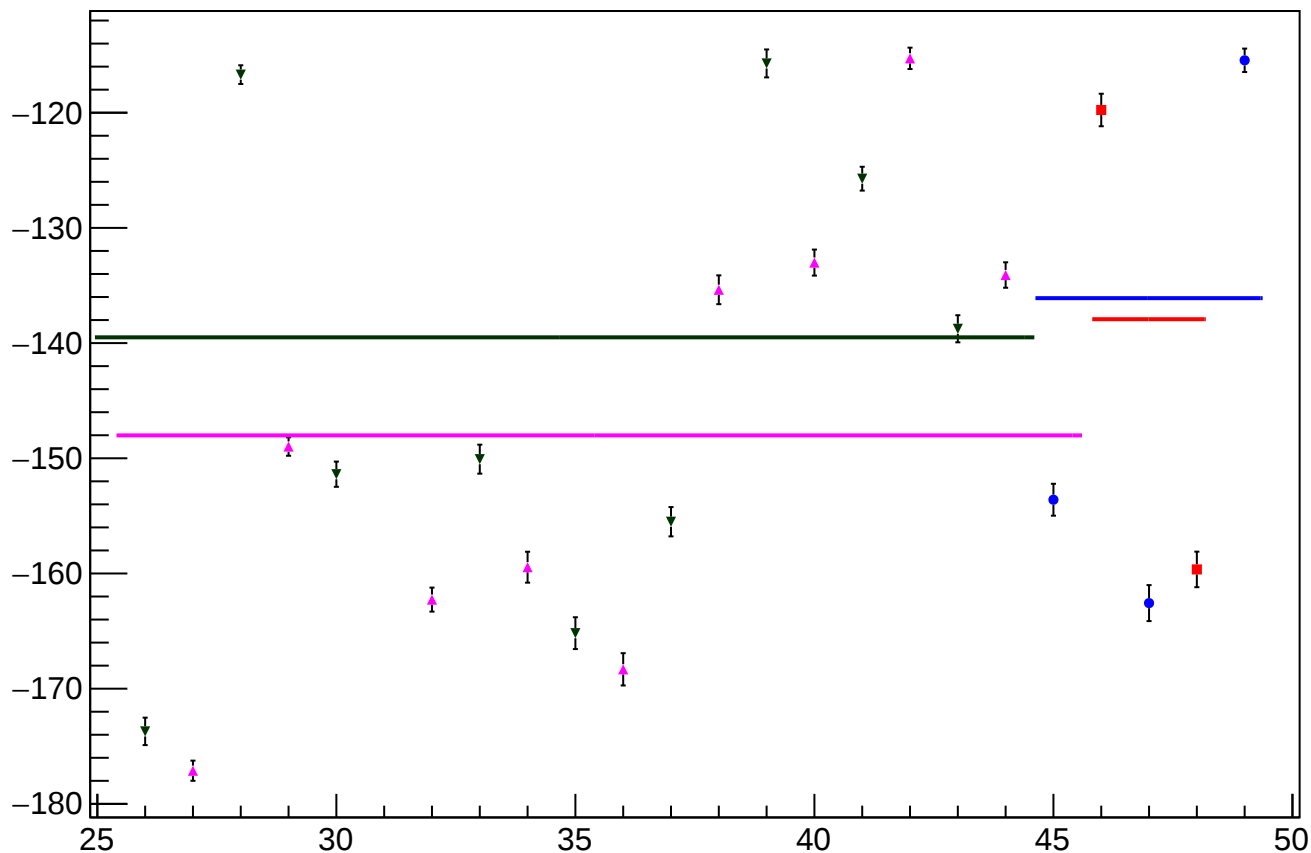
Right Out: -18.506 ± 1.250 χ^2/NDF : 267.9/1

Left In: -15.574 ± 0.472 χ^2/NDF : 824.1/8

-16.628 ± 0.430 χ^2/NDF : 931.3/11

-15.939 ± 0.441 χ^2/NDF : 1096.8/10

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -136.099+/-0.726 χ^2/NDF : 859.5/2

Left Out: -139.501+/-0.374 χ^2/NDF :2866.7/8

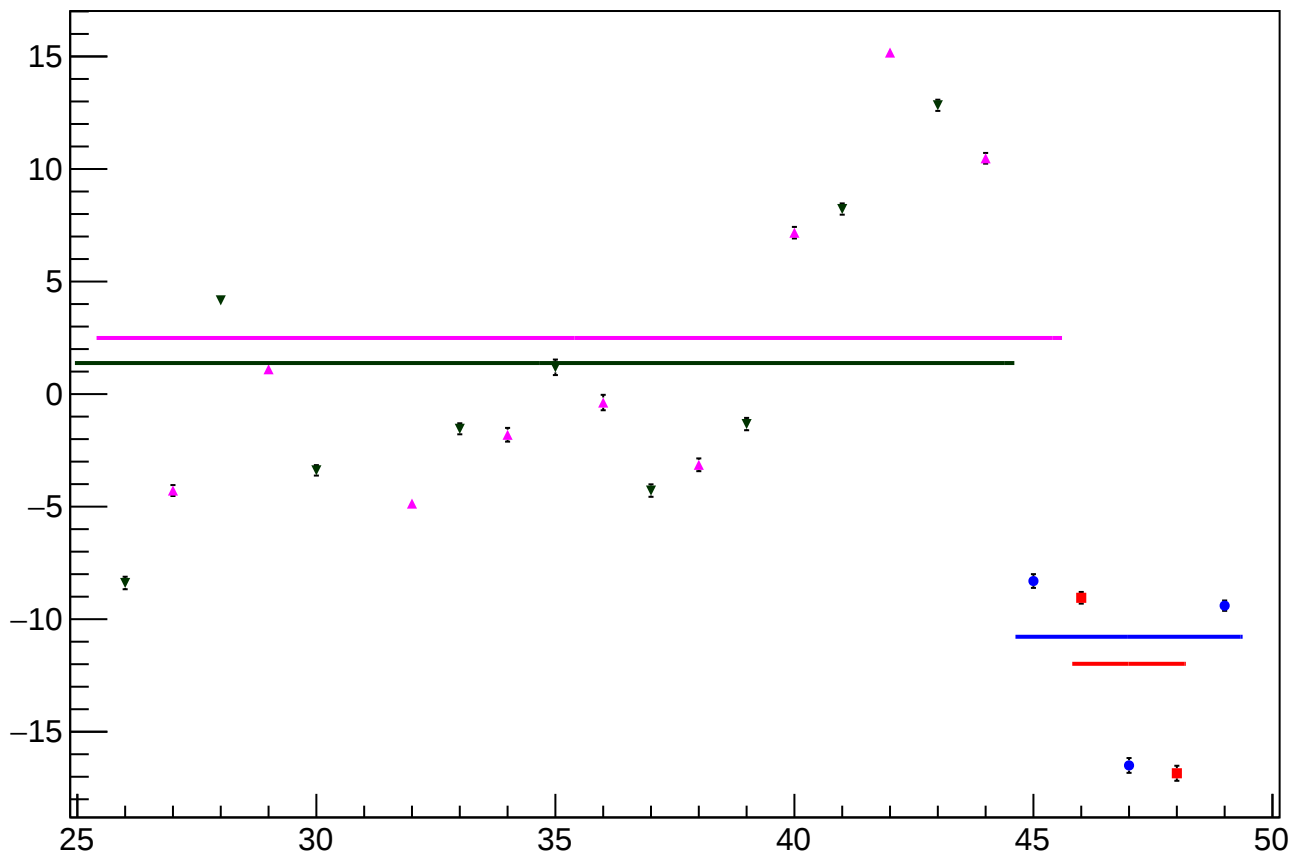
Right Out: -137.926+/-1.041 χ^2/NDF : 364.1/1

Left In: -148.011+/-0.348 χ^2/NDF :3260.7/8

-138.788+/-0.332 χ^2/NDF : 3743.5/11

-146.997+/-0.330 χ^2/NDF : 3709.2/10

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -10.781 ± 0.160 $\chi^2/\text{NDF}: 402.9/2$

Left Out: 1.380 ± 0.083 $\chi^2/\text{NDF}: 5402.0/8$

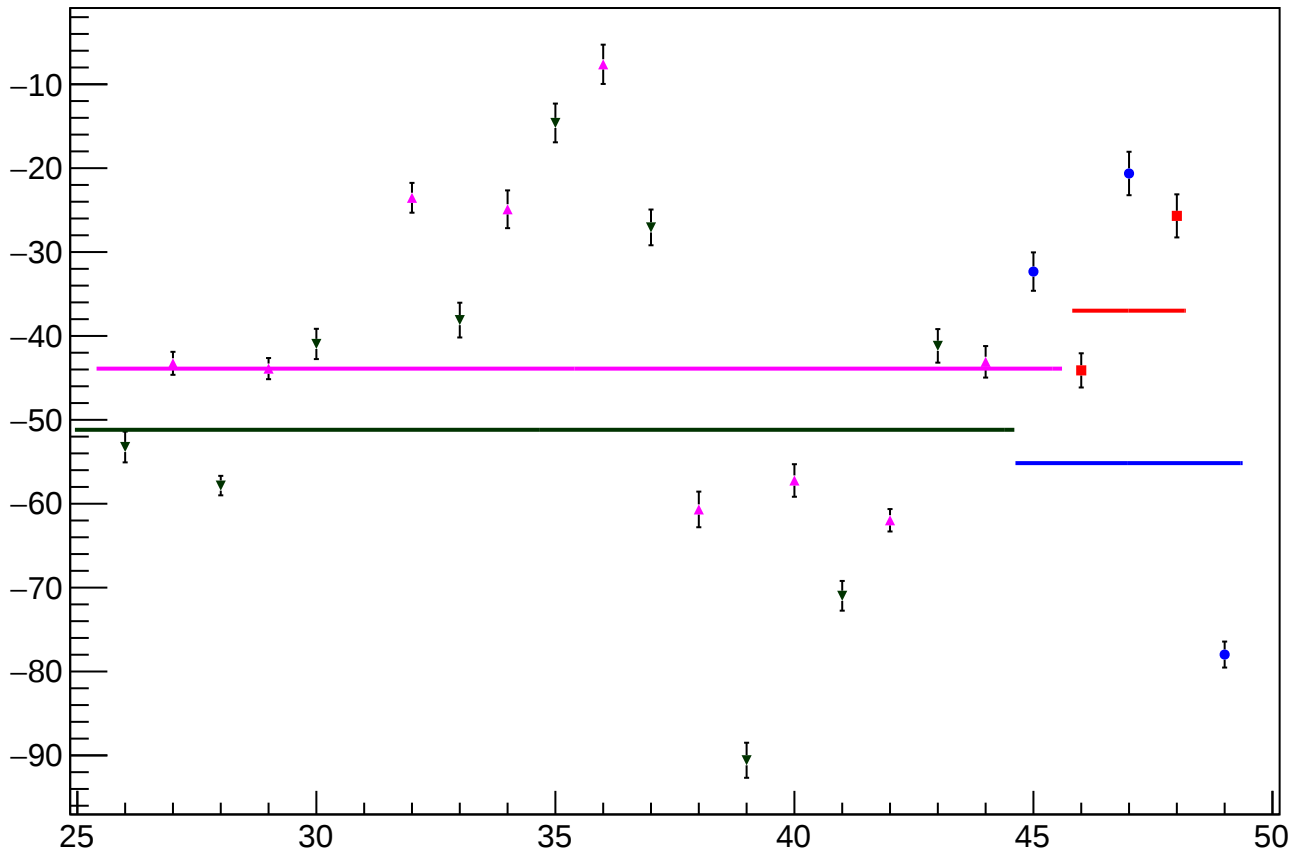
Right Out: -11.982 ± 0.205 $\chi^2/\text{NDF}: 339.5/1$

Left In: 2.493 ± 0.081 $\chi^2/\text{NDF}: 7773.1/8$

-1.201 ± 0.074 $\chi^2/\text{NDF}: 10327.7/11$

0.532 ± 0.075 $\chi^2/\text{NDF}: 12424.4/10$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -55.161 $\pm$ 1.150 χ^2 /NDF: 494.2/2

Left Out: -51.187 $\pm$ 0.599 χ^2 /NDF: 989.9/8

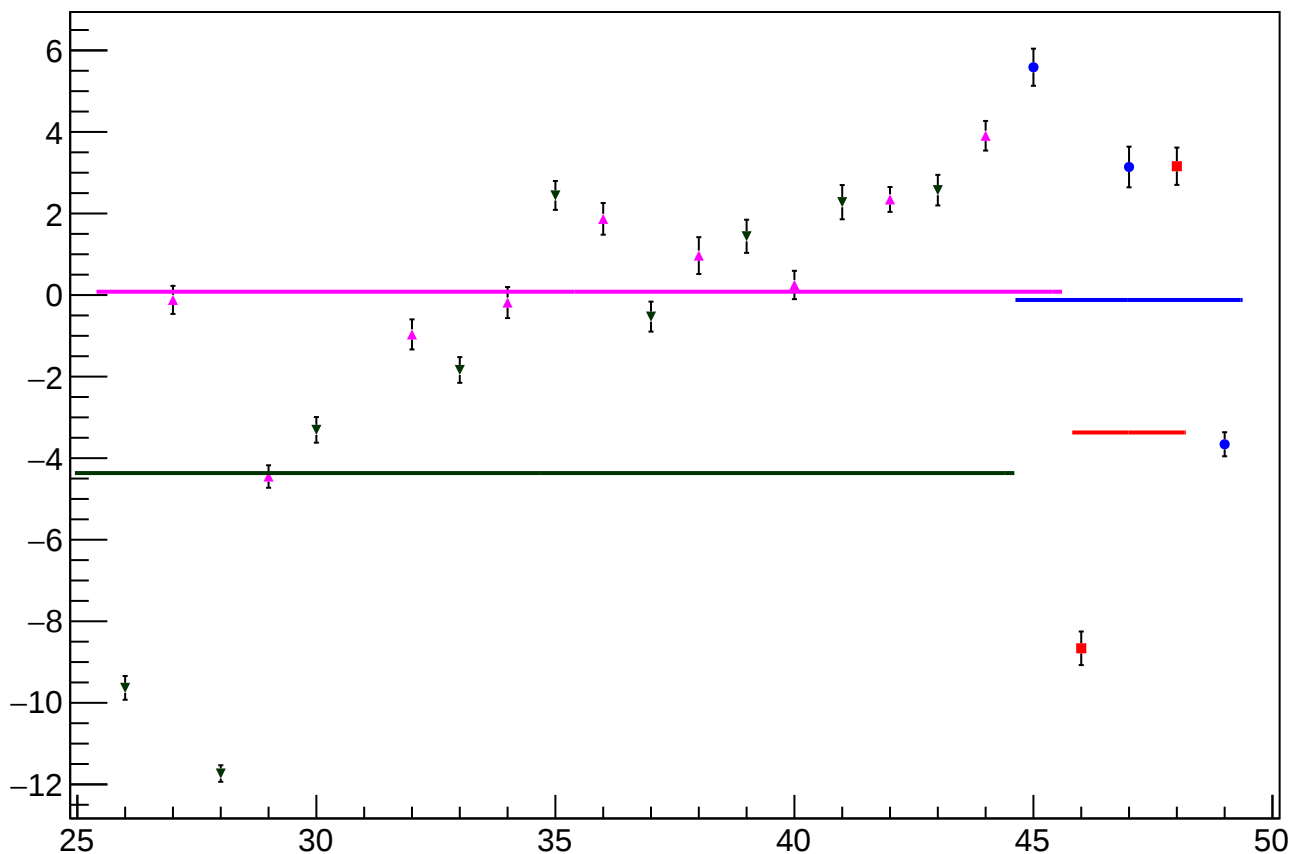
Right Out: -36.988 $\pm$ 1.597 χ^2 /NDF: 31.6/1

Left In: -43.897 $\pm$ 0.560 χ^2 /NDF: 735.5/8

-52.036 $\pm$ 0.531 χ^2 /NDF: 1493.6/11

-43.140 $\pm$ 0.528 χ^2 /NDF: 783.7/10

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -0.120 ± 0.222 χ^2/NDF : 343.5/2

Left Out: -4.365 ± 0.105 χ^2/NDF : 2995.2/8

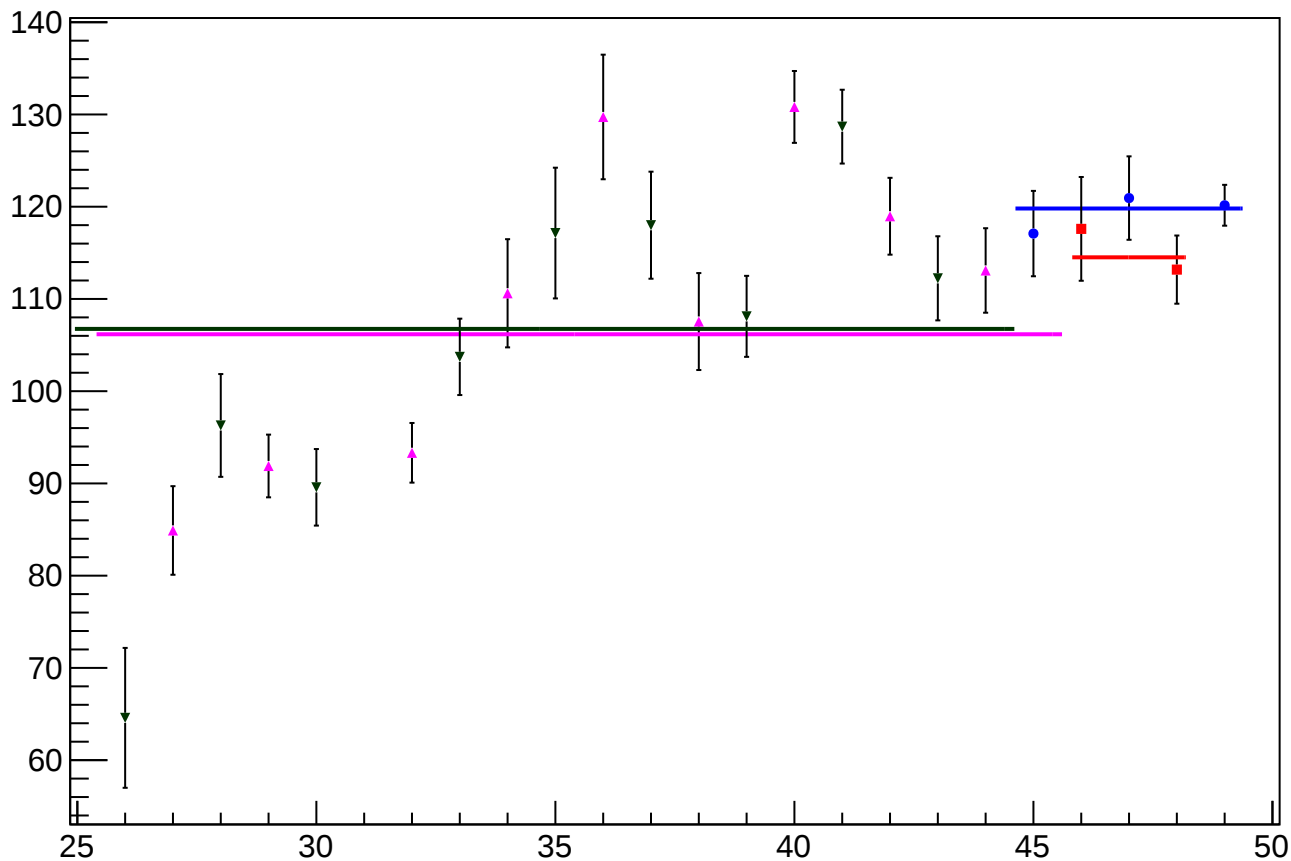
Right Out: -3.370 ± 0.306 χ^2/NDF : 369.1/1

Left In: 0.082 ± 0.116 χ^2/NDF : 470.0/8

-3.586 ± 0.095 χ^2/NDF : 3637.8/11

-0.354 ± 0.109 χ^2/NDF : 950.3/10

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 119.805 ± 1.827 χ^2/NDF : 0.4/2

Left Out: 106.753 ± 1.626 χ^2/NDF : 89.6/8

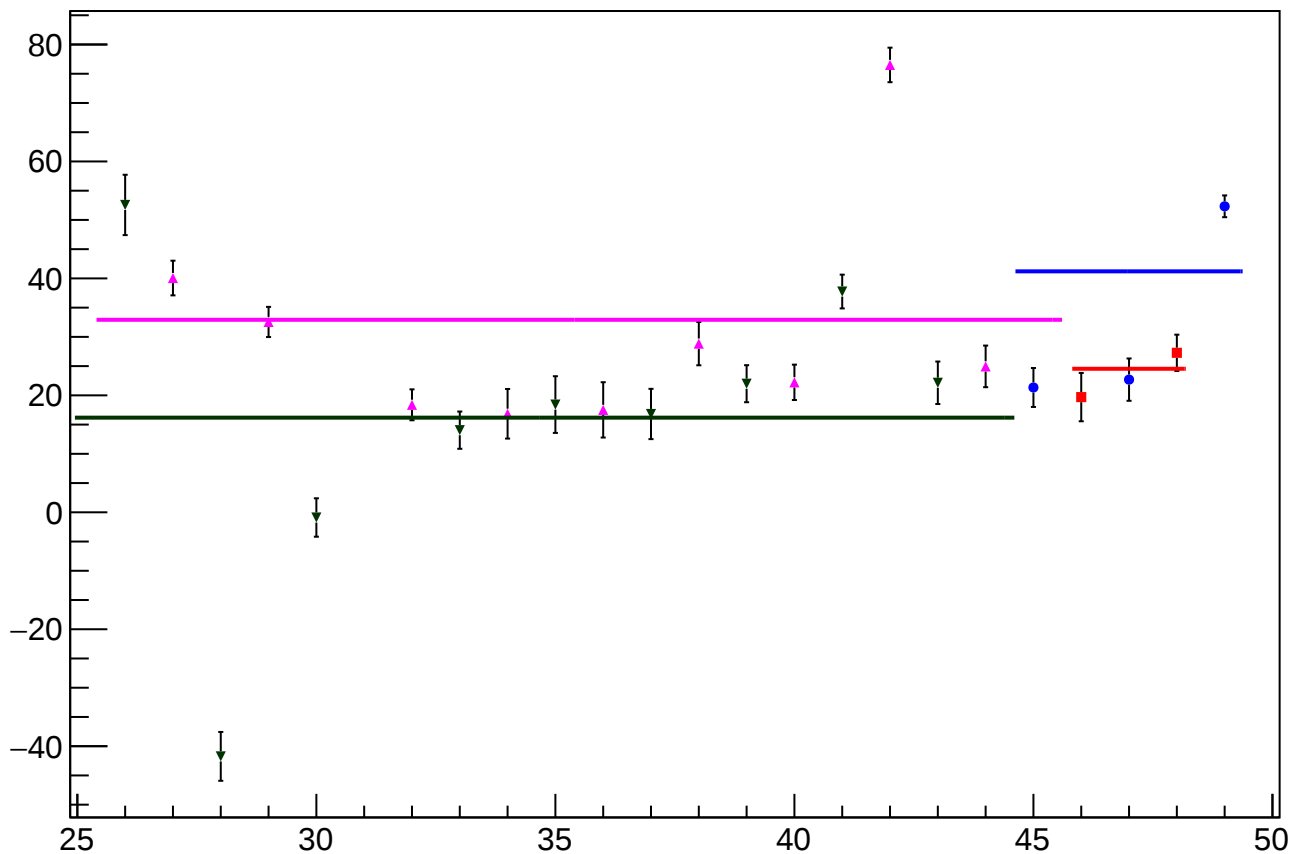
Right Out: 114.512 ± 3.089 χ^2/NDF : 0.4/1

Left In: 106.171 ± 1.438 χ^2/NDF : 117.6/8

112.523 ± 1.215 χ^2/NDF : 118.5/11

107.656 ± 1.303 χ^2/NDF : 124.0/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 41.206+/-1.483 χ^2/NDF : 97.4/2

Left Out: 16.187+/-1.214 χ^2/NDF : 331.6/8

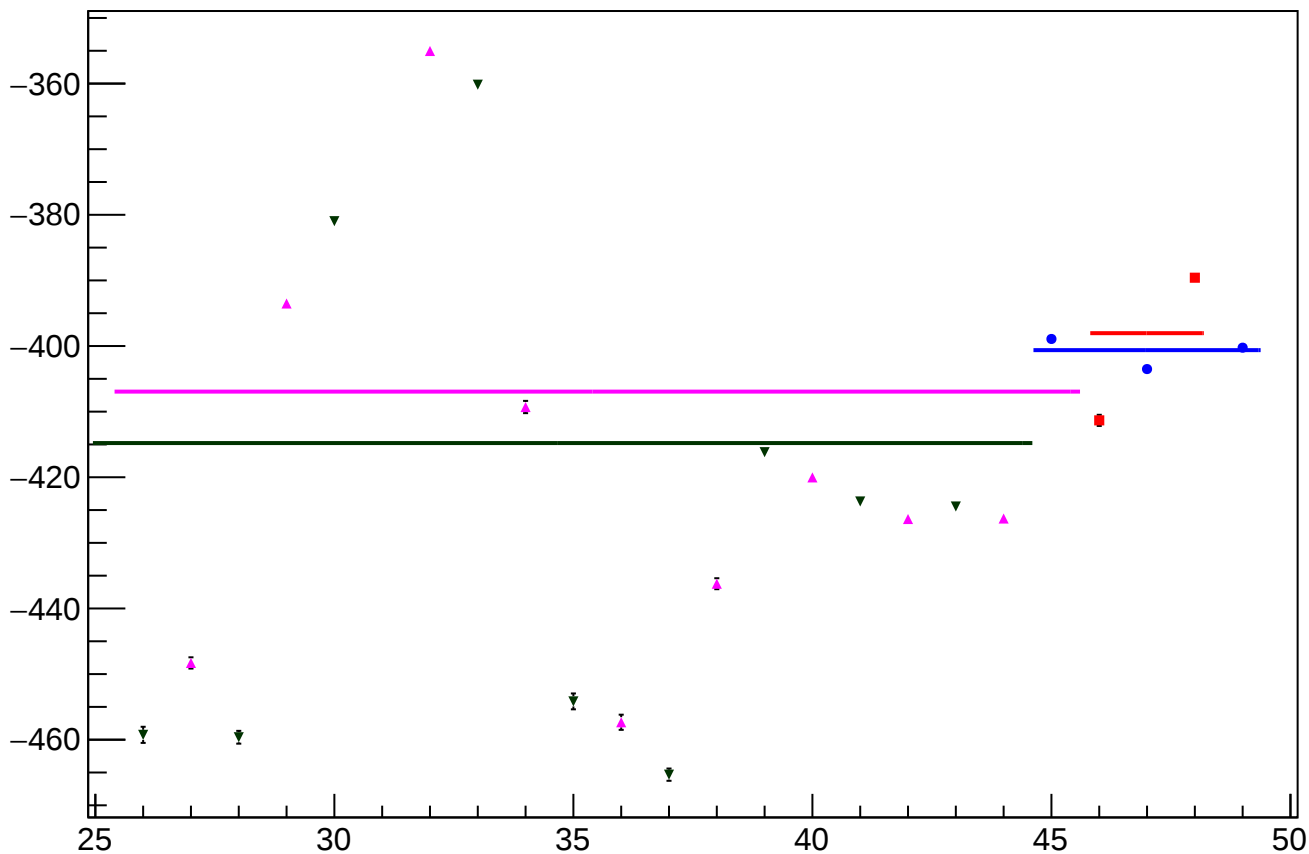
Right Out: 24.547+/-2.481 χ^2/NDF : 2.1/1

Left In: 32.922+/-1.064 χ^2/NDF : 297.8/8

26.230+/-0.939 χ^2/NDF : 599.5/11

31.621+/-0.978 χ^2/NDF : 309.6/10

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -400.626+/-0.345 χ^2/NDF : 20.3/2

Left Out: -414.789+/-0.271 χ^2/NDF :17193.7/8

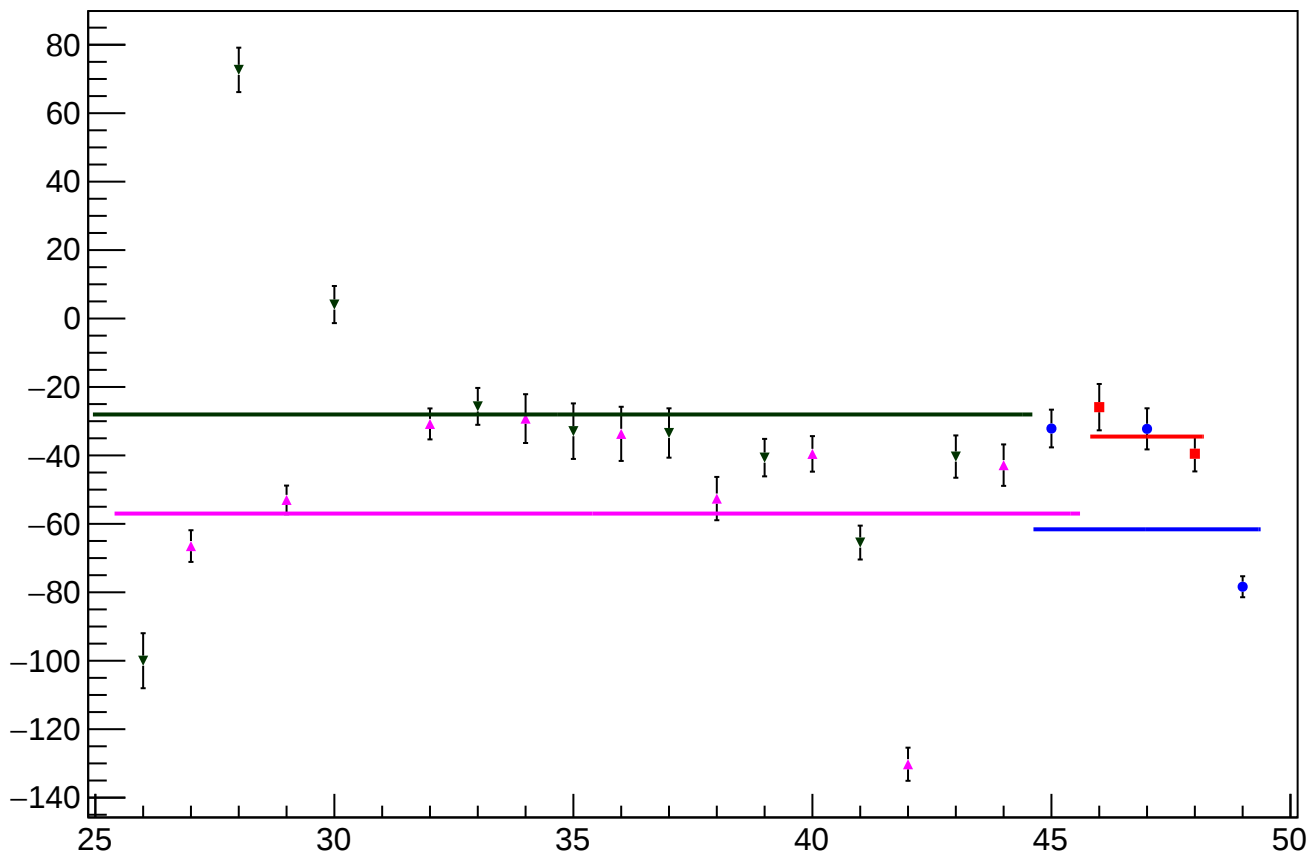
Right Out: -398.040+/-0.529 χ^2/NDF : 401.6/1

Left In: -406.947+/-0.246 χ^2/NDF :18132.7/8

-409.389+/-0.213 χ^2/NDF : 18254.0/11

-405.362+/-0.223 χ^2/NDF : 18767.6/10

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -61.595 $\pm$ 2.448 χ^2 /NDF: 82.4/2

Left Out: -28.036 $\pm$ 2.031 χ^2 /NDF: 423.4/8

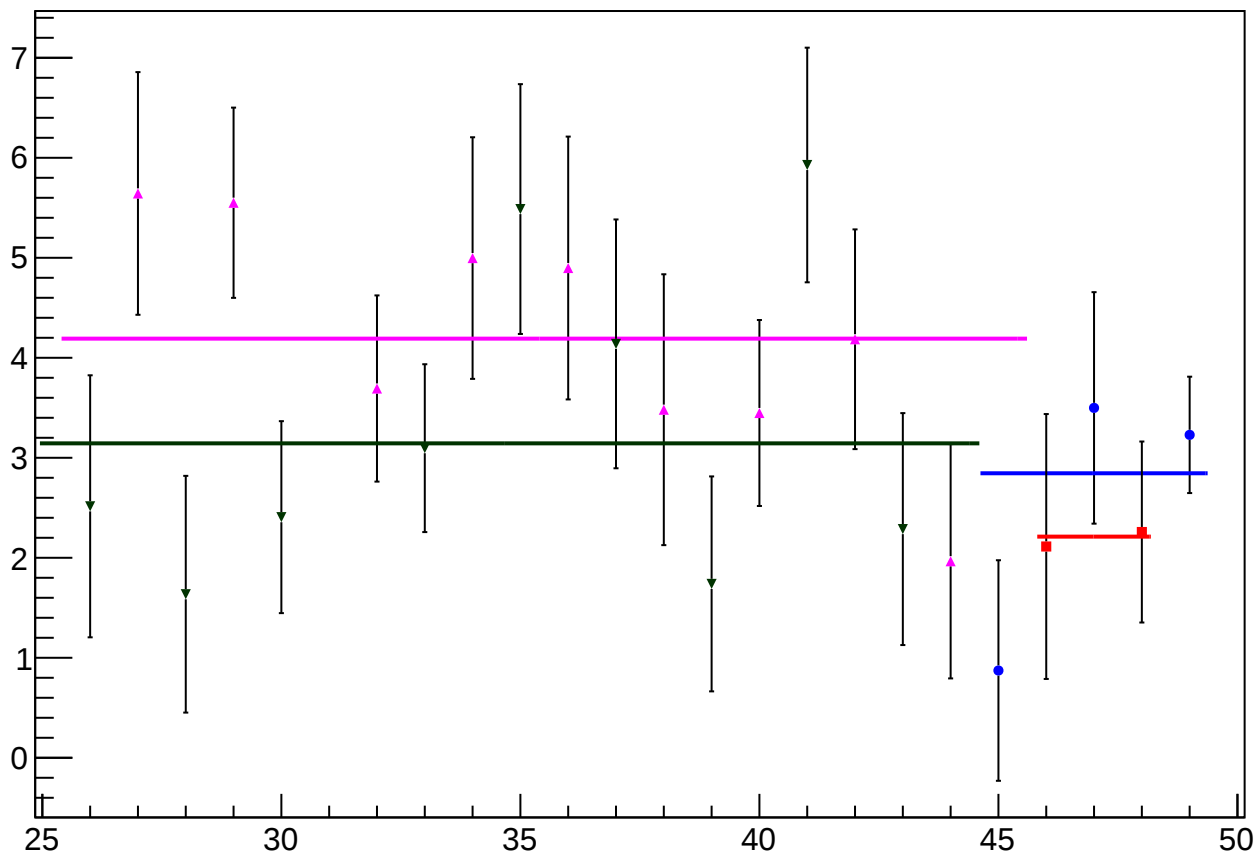
Right Out: -34.492 $\pm$ 4.109 χ^2 /NDF: 2.6/1

Left In: -56.994 $\pm$ 1.767 χ^2 /NDF: 308.6/8

-41.721 $\pm$ 1.563 χ^2 /NDF: 617.1/11

-53.482 $\pm$ 1.623 χ^2 /NDF: 336.4/10

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 2.845 $\pm$ 0.470 χ^2 /NDF: 4.0/2

Left Out: 3.144 $\pm$ 0.367 χ^2 /NDF:14.5/8

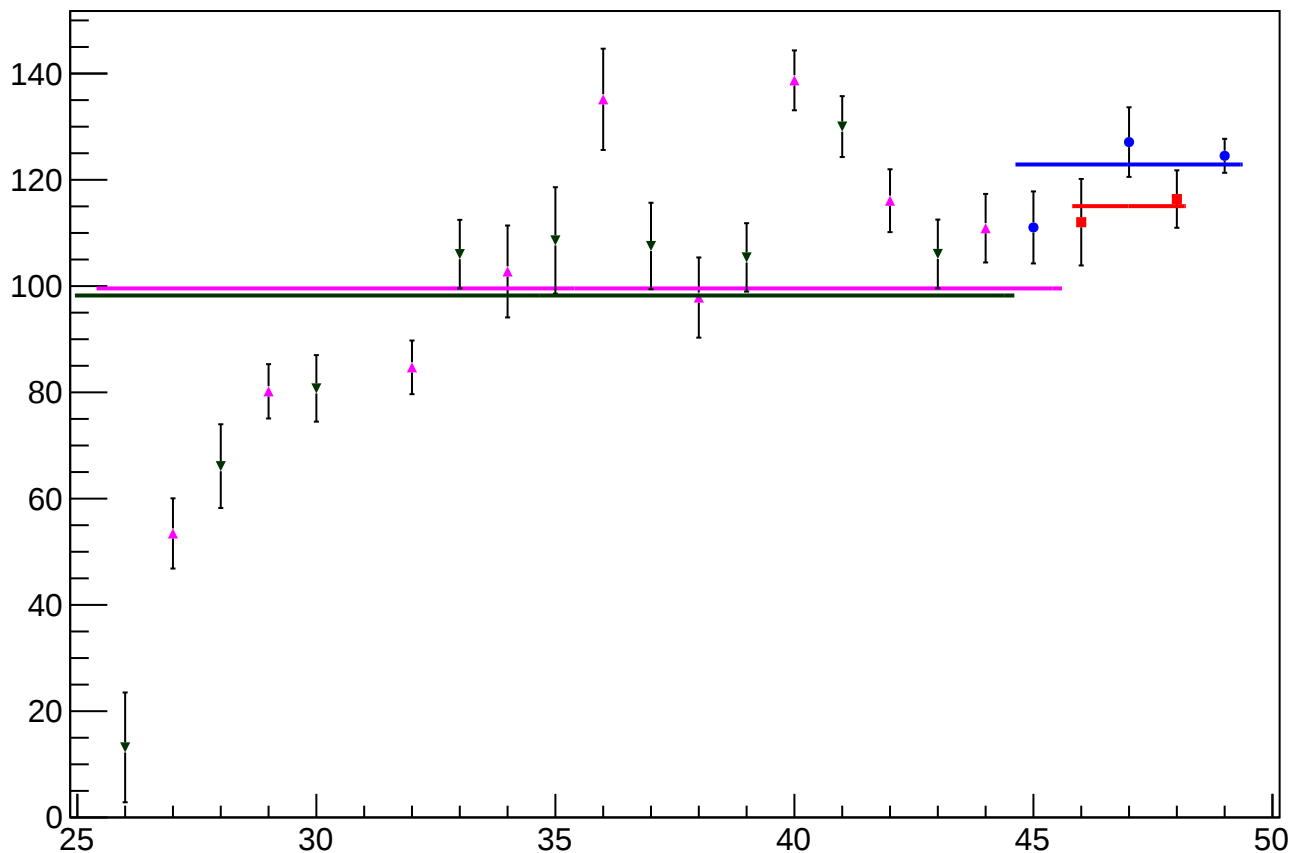
Right Out: 2.212 $\pm$ 0.747 χ^2 /NDF: 0.0/1

Left In: 4.191 $\pm$ 0.366 χ^2 /NDF:9.0/8

3.031 $\pm$ 0.289 χ^2 /NDF: 18.7/11

3.808 $\pm$ 0.329 χ^2 /NDF: 14.7/10

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 122.886 $\pm$ 2.645 χ^2 /NDF: 3.7/2

Left Out: 98.229 $\pm$ 2.366 χ^2 /NDF:129.5/8

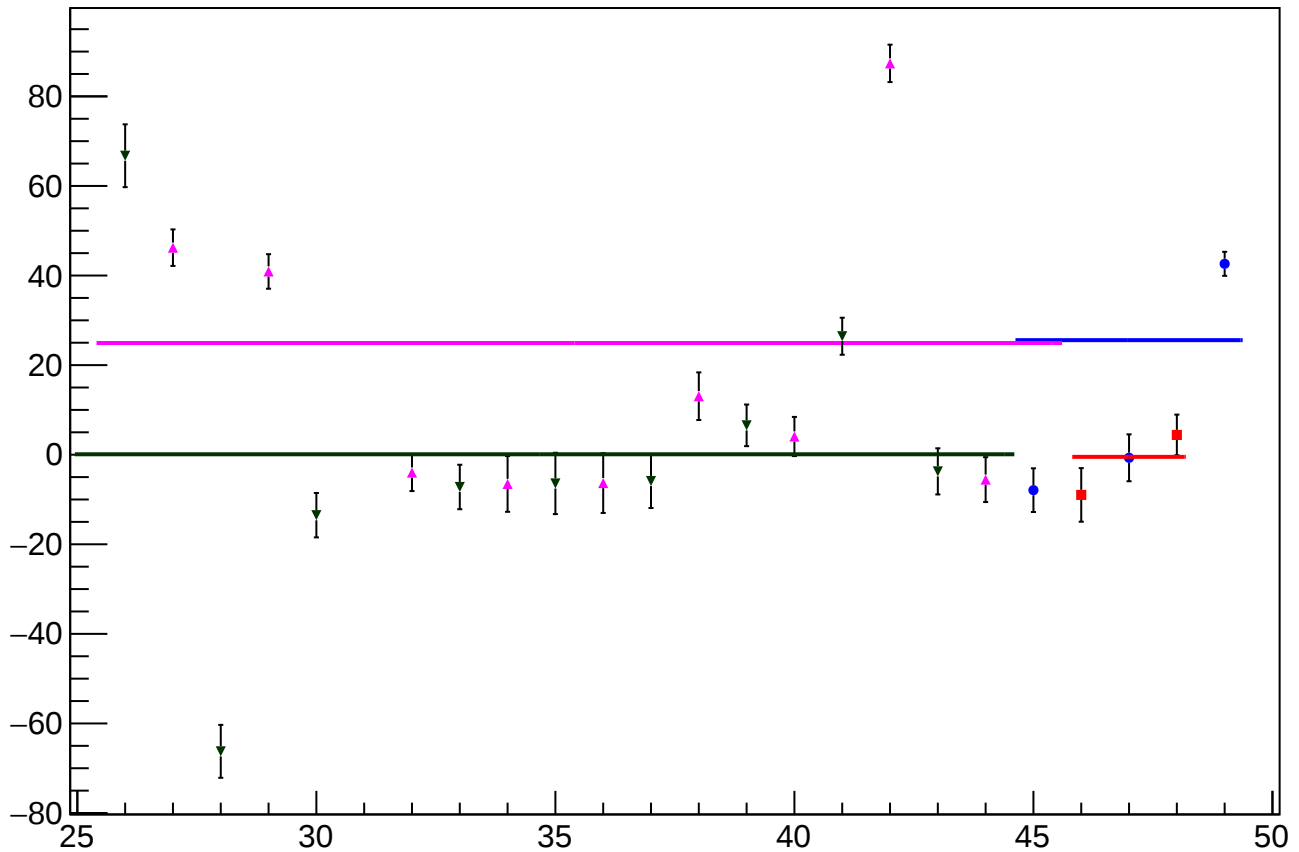
Right Out: 115.045 $\pm$ 4.504 χ^2 /NDF: 0.2/1

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

109.191 $\pm$ 1.763 χ^2 /NDF: 181.5/11

102.330 $\pm$ 1.904 χ^2 /NDF: 154.9/10

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 25.573+/-2.145 χ^2/NDF : 112.7/2

Left Out: 0.093+/-1.763 χ^2/NDF : 271.1/8

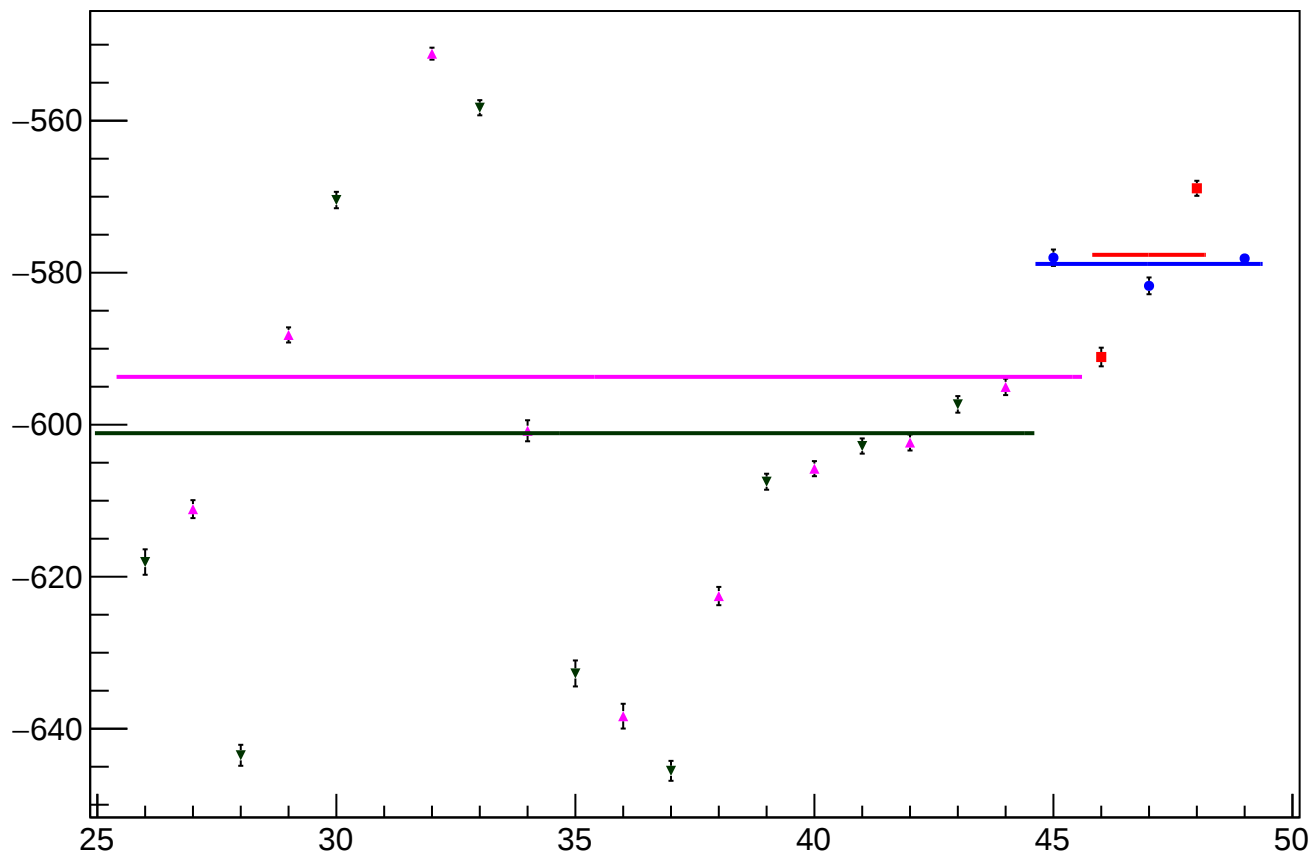
Right Out: -0.481+/-3.616 χ^2/NDF : 3.2/1

Left In: 24.935+/-1.545 χ^2/NDF : 429.4/8

10.370+/-1.362 χ^2/NDF : 468.0/11

21.013+/-1.420 χ^2/NDF : 474.3/10

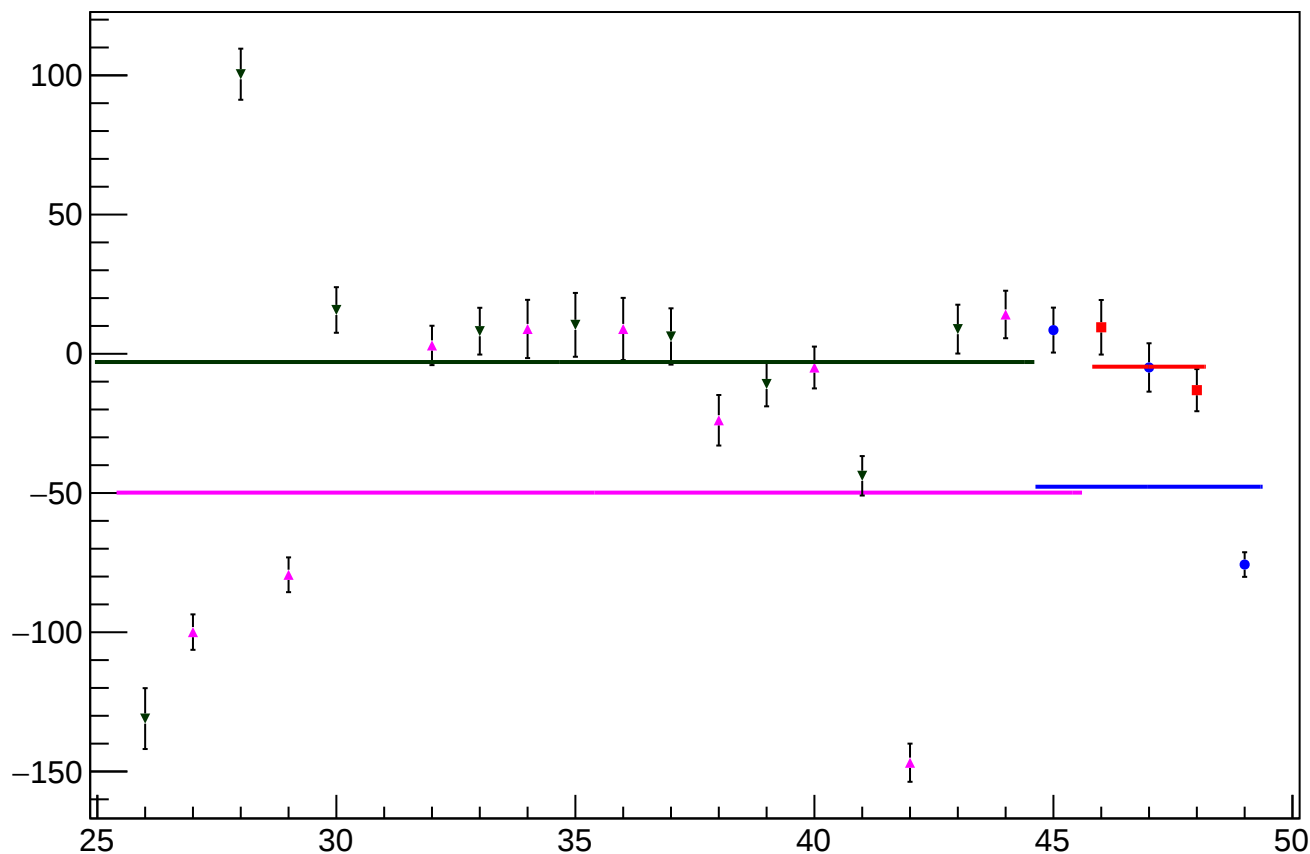
reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -578.844 $\pm$ 0.500 χ^2/NDF : 8.6/2
 Left Out: -601.116 $\pm$ 0.395 χ^2/NDF : 5229.3/8
 Right Out: -577.648 $\pm$ 0.771 χ^2/NDF : 198.2/1
 Left In: -593.704 $\pm$ 0.360 χ^2/NDF : 4731.8/8

-592.566 $\pm$ 0.310 χ^2/NDF : 6458.1/11
 -590.823 $\pm$ 0.326 χ^2/NDF : 5286.2/10

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -47.737 ± 3.540 $\chi^2/\text{NDF}: 112.9/2$

Left Out: -2.951 ± 2.946 $\chi^2/\text{NDF}: 309.3/8$

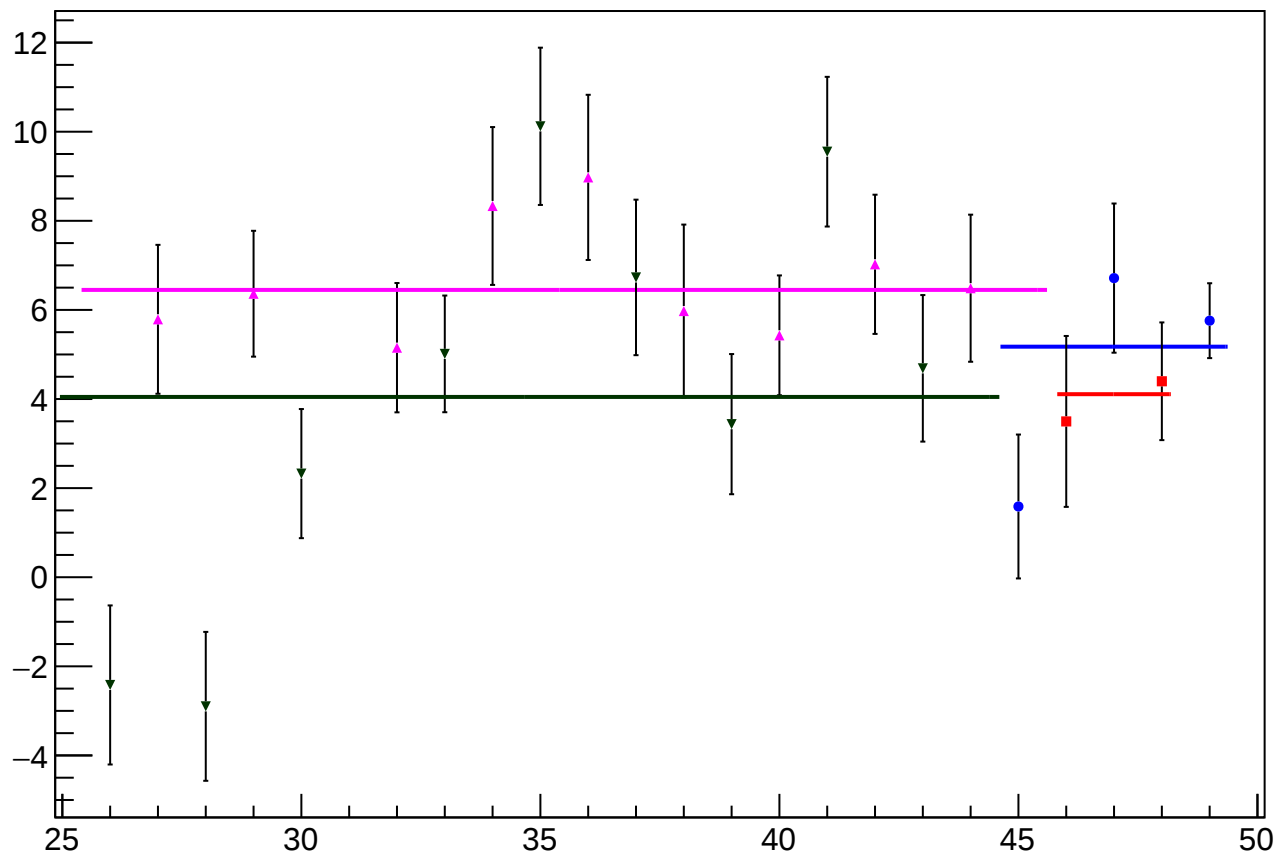
Right Out: -4.631 ± 5.988 $\chi^2/\text{NDF}: 3.3/1$

Left In: -49.855 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

-21.278 ± 2.265 $\chi^2/\text{NDF}: 516.7/11$

-42.859 ± 2.355 $\chi^2/\text{NDF}: 551.6/10$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 5.175+/-0.681 χ^2/NDF : 6.3/2

Left Out: 4.047+/-0.534 χ^2/NDF : 57.6/8

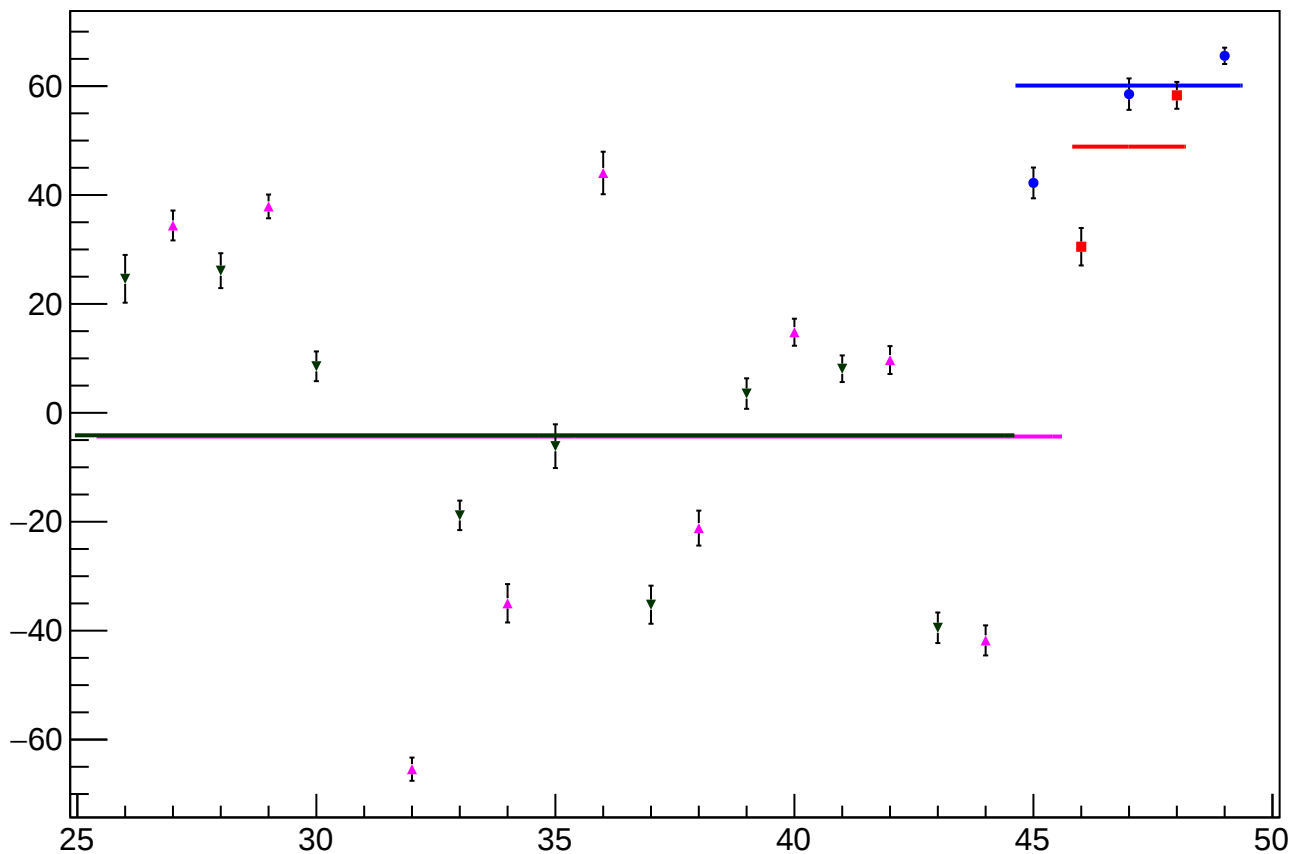
Right Out: 4.109+/-1.088 χ^2/NDF : 0.1/1

Left In: 6.449+/-0.532 χ^2/NDF : 4.7/8

4.476+/-0.420 χ^2/NDF : 65.5/11

5.998+/-0.478 χ^2/NDF : 8.6/10

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 60.101 $\pm$ 1.204 χ^2 /NDF: 53.6/2

Left Out: -4.129 $\pm$ 1.007 χ^2 /NDF: 453.7/8

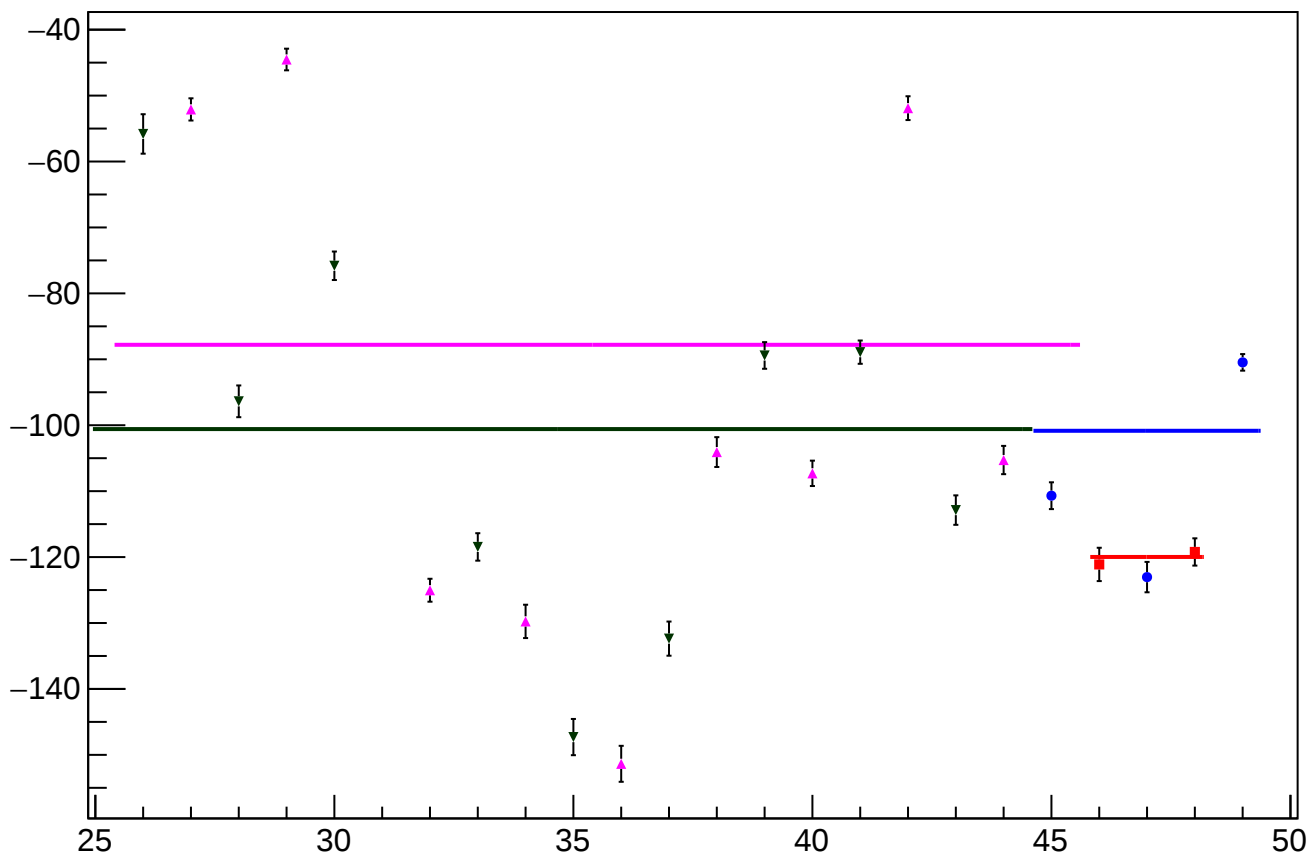
Right Out: 48.884 $\pm$ 2.004 χ^2 /NDF: 43.1/1

Left In: -4.348 $\pm$ 0.893 χ^2 /NDF: 1927.7/8

22.326 $\pm$ 0.773 χ^2 /NDF: 2181.9/11

4.476 $\pm$ 0.816 χ^2 /NDF: 2559.4/10

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -100.842 ± 0.970 χ^2/NDF : 184.3/2

Left Out: -100.583 ± 0.750 χ^2/NDF : 975.8/8

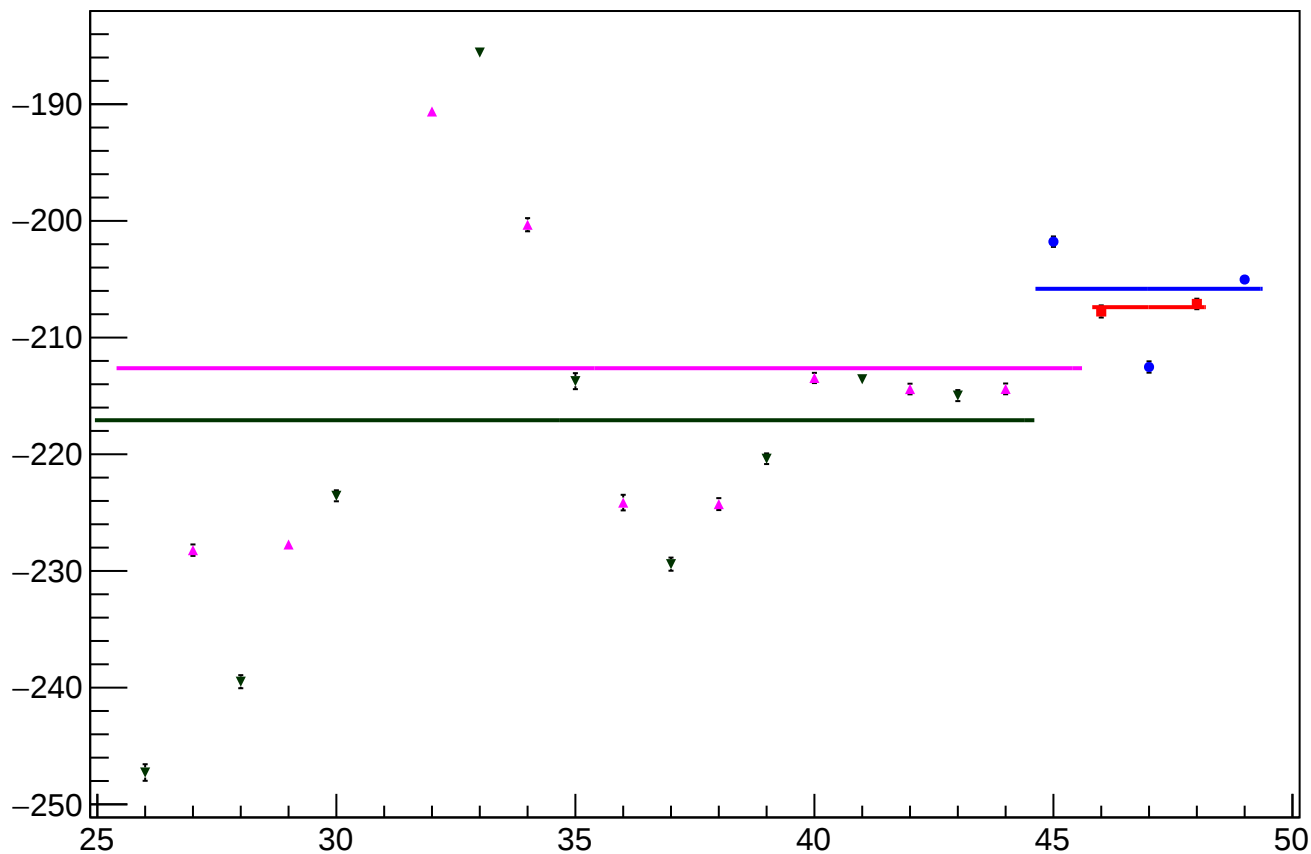
Right Out: -119.981 ± 1.600 χ^2/NDF : 0.3/1

Left In: -87.800 ± 0.654 χ^2/NDF : 3036.8/8

-100.680 ± 0.593 χ^2/NDF : 1160.2/11

-92.410 ± 0.606 χ^2/NDF : 3383.5/10

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -205.820+/-0.225 χ^2/NDF : 277.6/2

Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

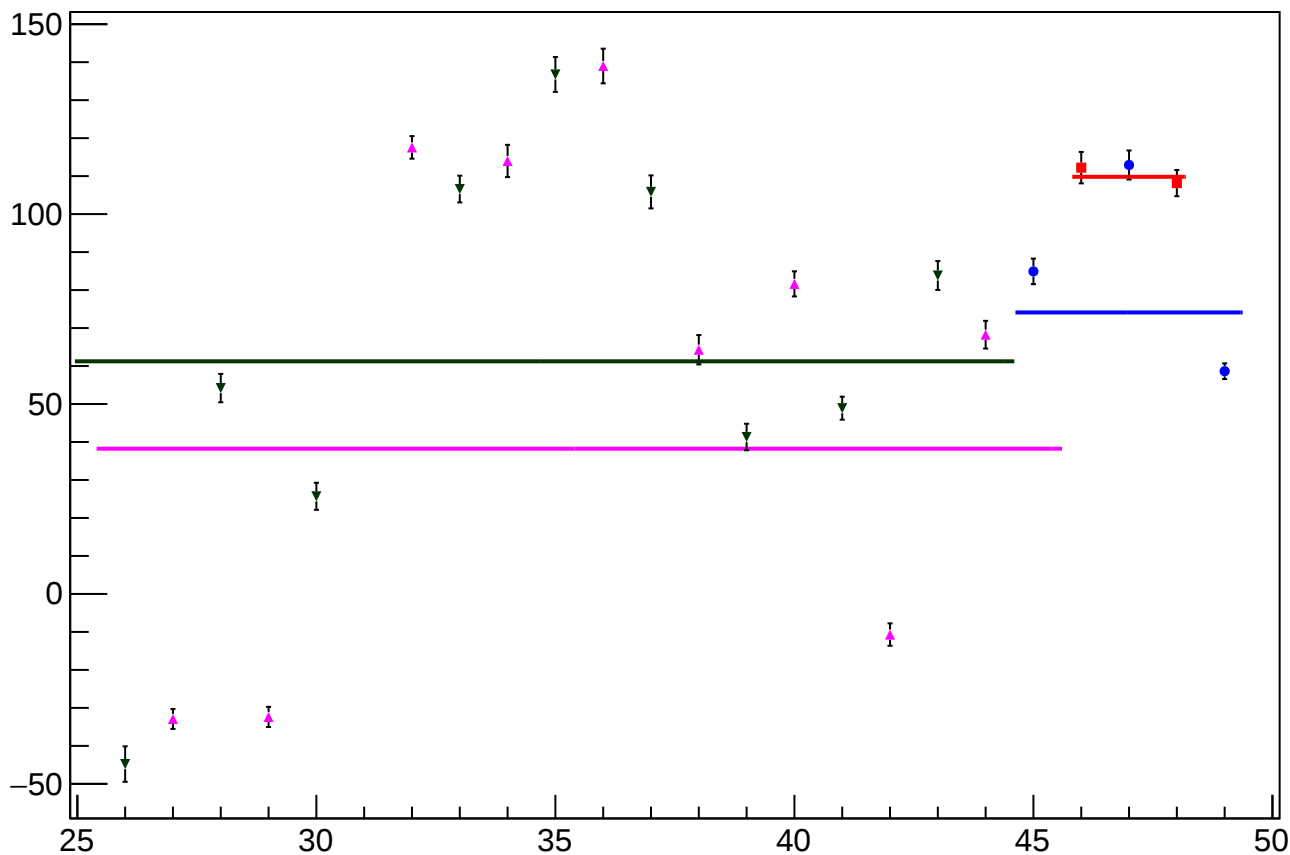
Right Out: -207.394+/-0.340 χ^2/NDF : 0.9/1

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-213.051+/-0.135 χ^2/NDF : 11766.2/11

-211.748+/-0.139 χ^2/NDF : 8241.4/10

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 74.108+/-1.601 χ^2 /NDF: 169.3/2

Left Out: 61.242+/-1.253 χ^2 /NDF:1243.9/8

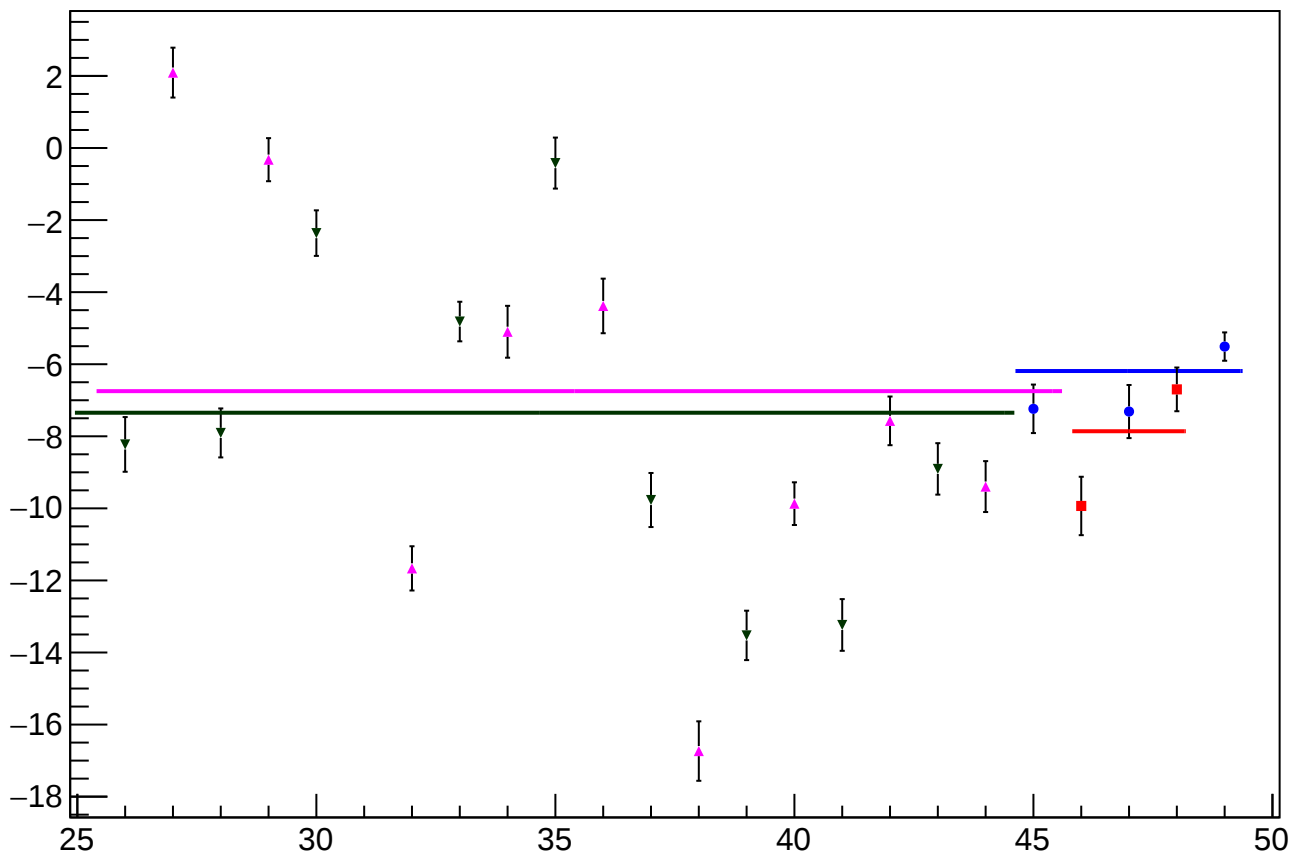
Right Out: 109.825+/-2.648 χ^2 /NDF: 0.6/1

Left In: 38.240+/-1.083 χ^2 /NDF:3520.6/8

66.126+/-0.987 χ^2 /NDF: 1453.2/11

48.501+/-1.003 χ^2 /NDF: 4147.1/10

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -6.189+/-0.308 χ^2/NDF : 7.7/2

Left Out: -7.346+/-0.226 χ^2/NDF : 345.0/8

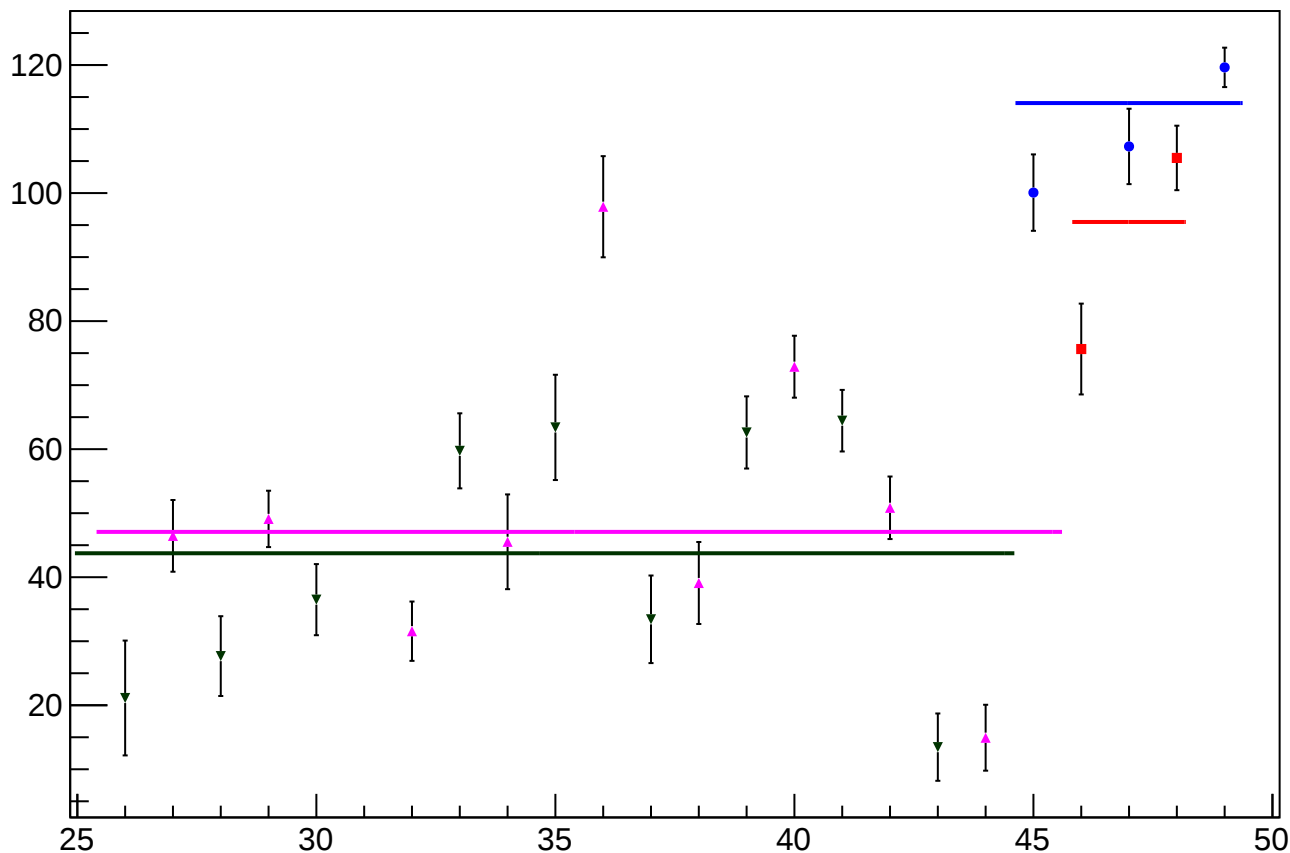
Right Out: -7.860+/-0.486 χ^2/NDF : 10.2/1

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-6.941+/-0.182 χ^2/NDF : 361.9/11

-6.944+/-0.204 χ^2/NDF : 562.1/10

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 114.059 $\pm$ 2.481 χ^2 /NDF: 10.1/2

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

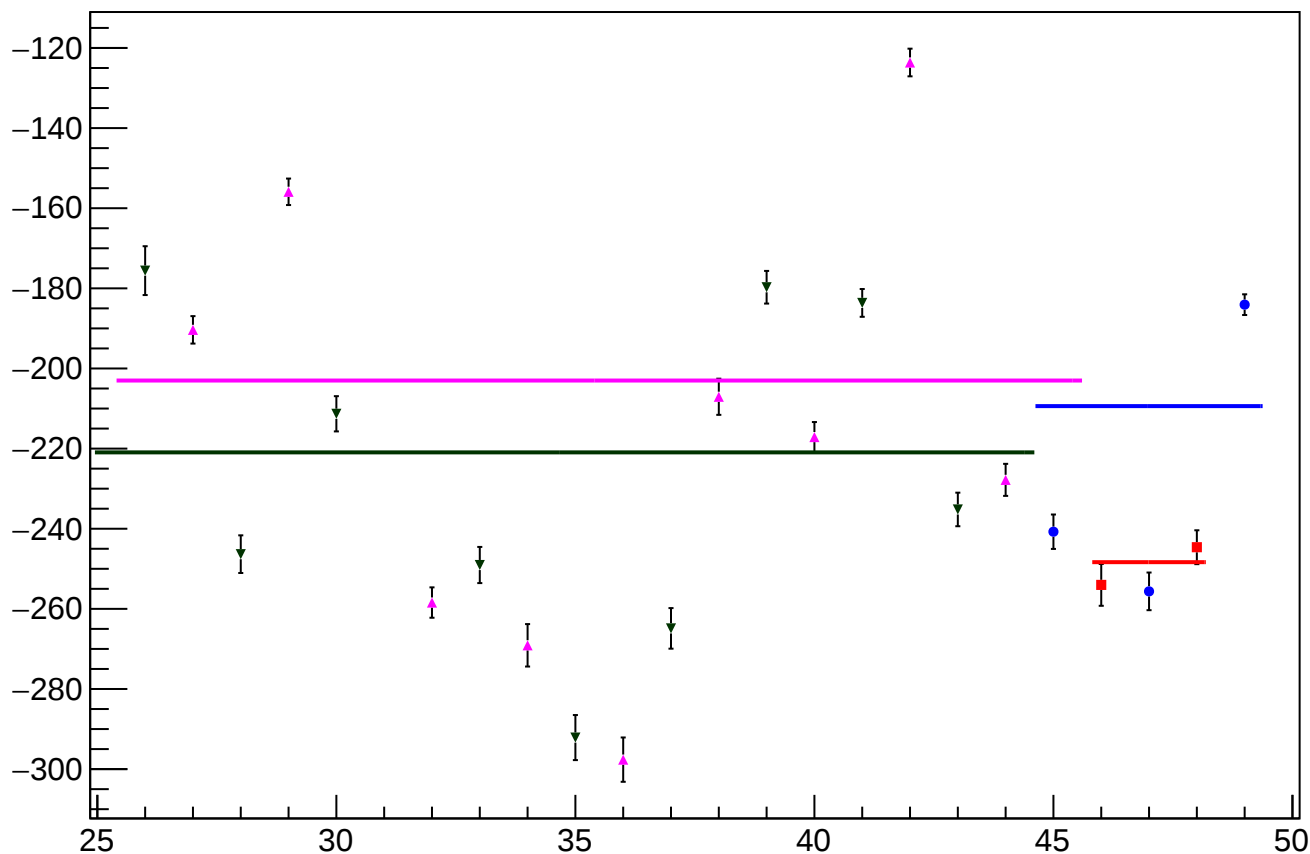
Right Out: 95.486 $\pm$ 4.106 χ^2 /NDF: 11.8/1

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

71.654 $\pm$ 1.563 χ^2 /NDF: 587.5/11

54.827 $\pm$ 1.643 χ^2 /NDF: 250.9/10

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -209.394 ± 2.003 $\chi^2/\text{NDF}: 246.2/2$

Left Out: -220.942 ± 1.501 $\chi^2/\text{NDF}: 593.2/8$

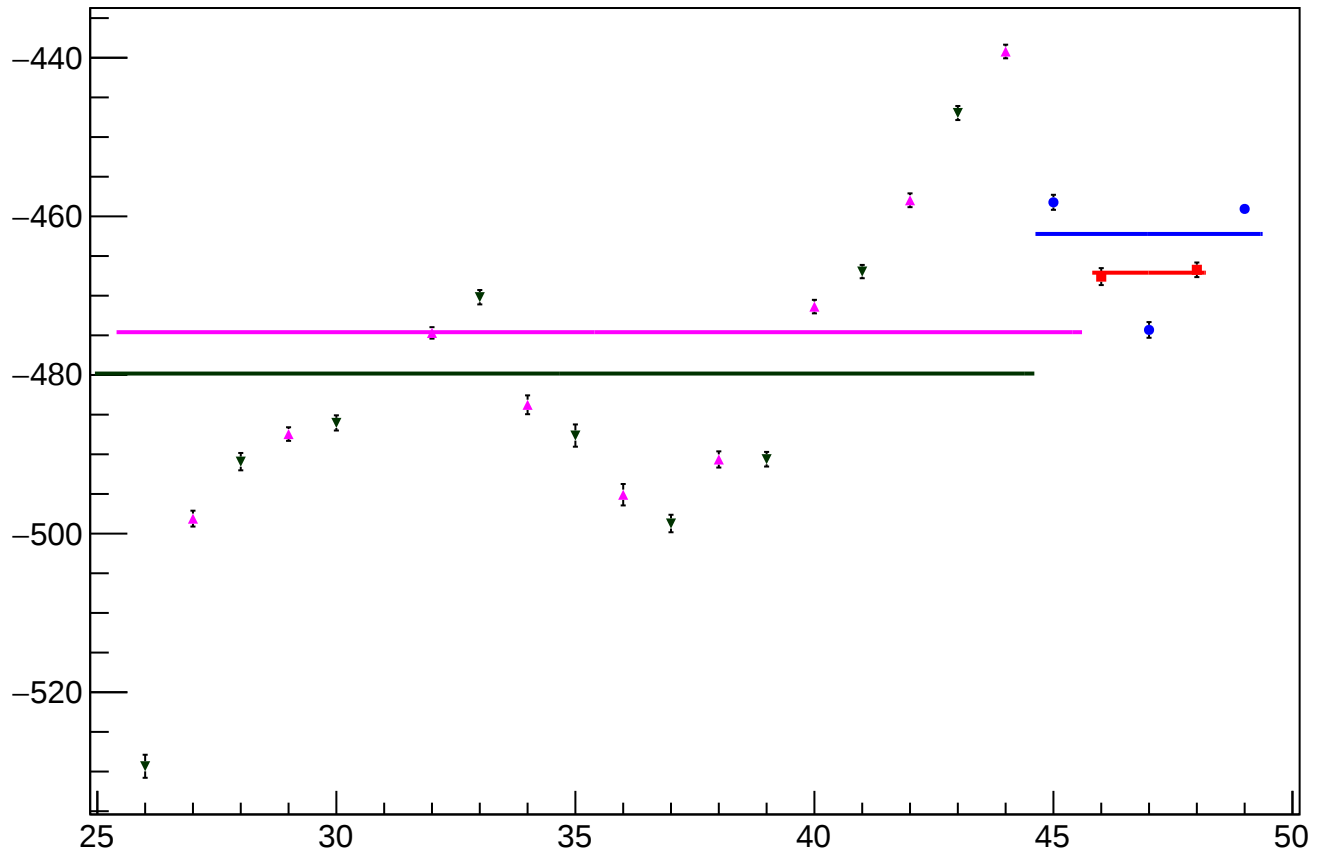
Right Out: -248.344 ± 3.284 $\chi^2/\text{NDF}: 2.0/1$

Left In: -203.009 ± 1.312 $\chi^2/\text{NDF}: 1461.1/8$

-216.789 ± 1.201 $\chi^2/\text{NDF}: 860.7/11$

-209.244 ± 1.218 $\chi^2/\text{NDF}: 1627.4/10$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -462.216 ± 0.465 $\chi^2/\text{NDF}: 191.7/2$

Left Out: -479.818 ± 0.337 $\chi^2/\text{NDF}: 3488.7/8$

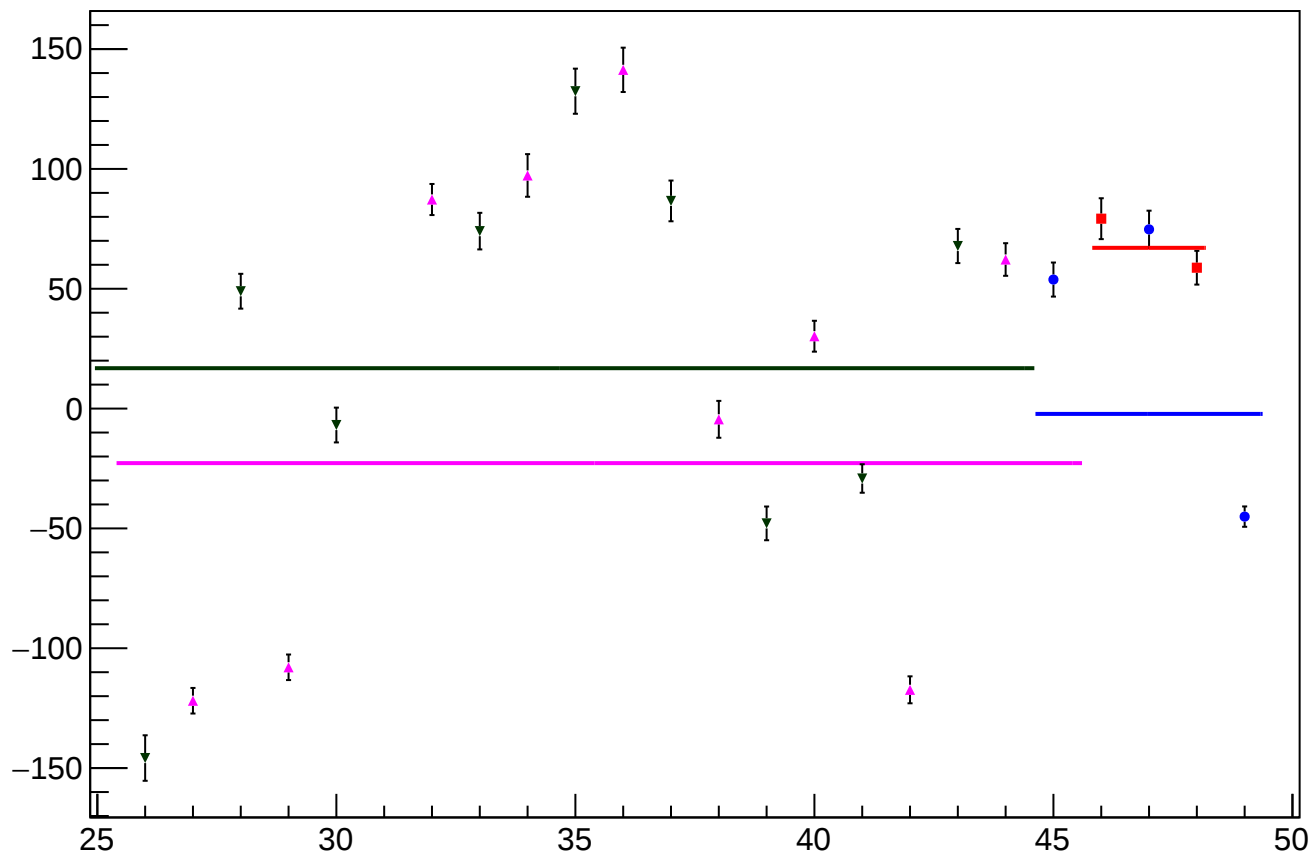
Right Out: -467.101 ± 0.698 $\chi^2/\text{NDF}: 0.4/1$

Left In: -474.602 ± 0.308 $\chi^2/\text{NDF}: 3381.8/8$

-473.753 ± 0.273 $\chi^2/\text{NDF}: 4620.7/11$

-473.380 ± 0.282 $\chi^2/\text{NDF}: 3478.8/10$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -2.224+/-3.302 χ^2 /NDF: 261.7/2

Left Out: 16.850+/-2.504 χ^2 /NDF:793.7/8

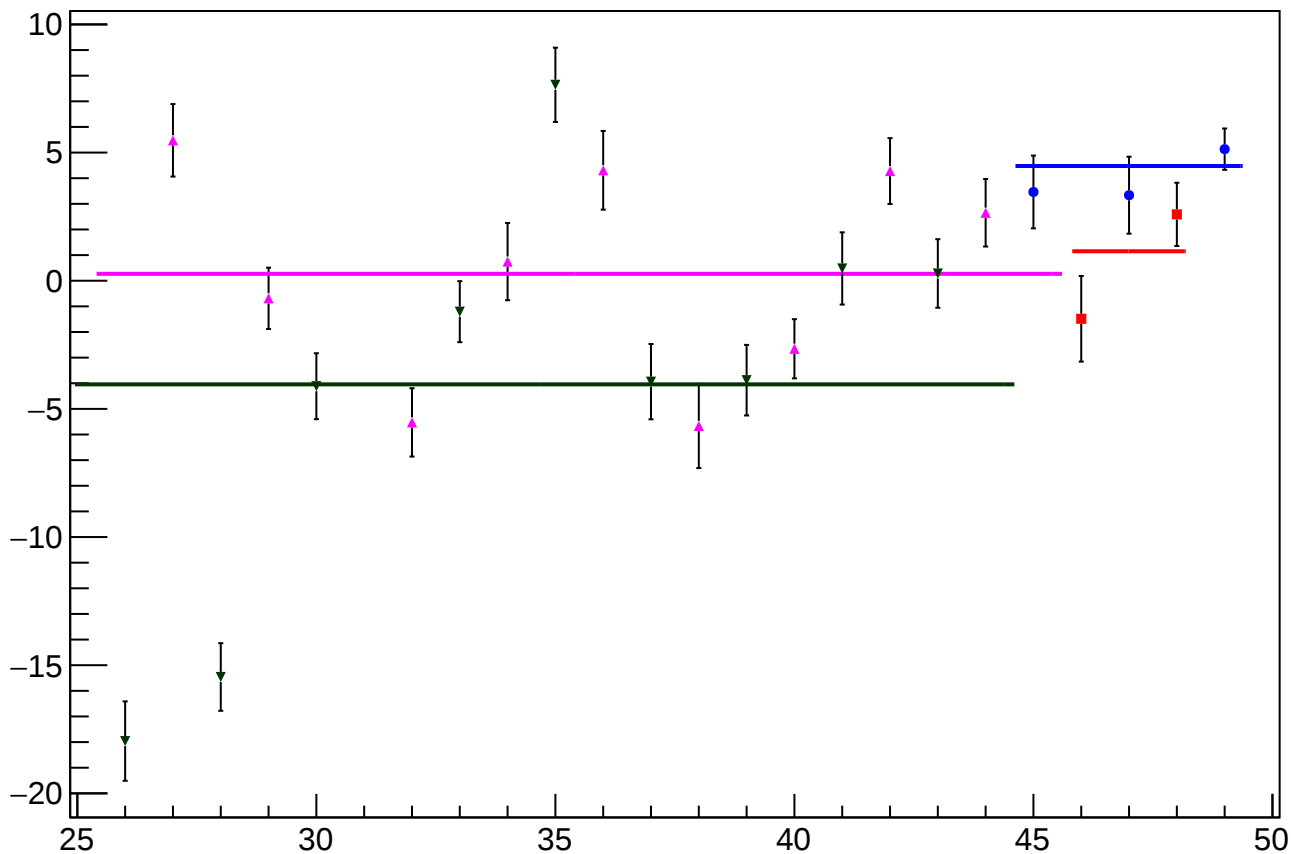
Right Out: 67.073+/-5.432 χ^2 /NDF: 3.4/1

Left In: -22.758+/-2.169 χ^2 /NDF:1896.5/8

9.886+/-1.995 χ^2 /NDF: 1076.6/11

-10.403+/-2.014 χ^2 /NDF: 2135.8/10

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 4.477 $\pm$ 0.636 χ^2 /NDF: 1.7/2

Left Out: -4.043 $\pm$ 0.455 χ^2 /NDF: 247.2/8

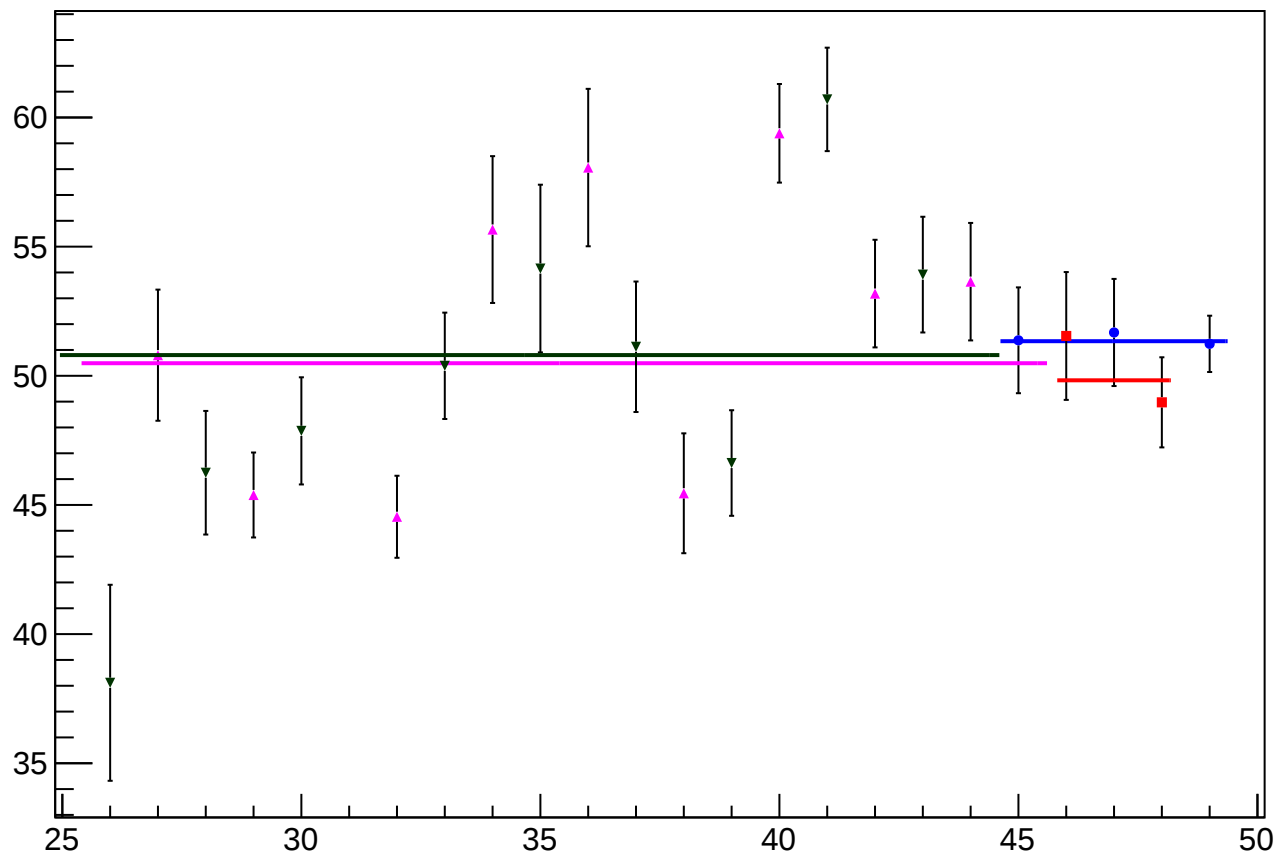
Right Out: 1.151 $\pm$ 0.993 χ^2 /NDF: 3.8/1

Left In: 0.270 $\pm$ 0.450 χ^2 /NDF: 72.6/8

-1.157 $\pm$ 0.370 χ^2 /NDF: 367.7/11

0.420 $\pm$ 0.410 χ^2 /NDF: 77.1/10

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 51.340 $\pm$ 0.873 χ^2/NDF : 0.0/2

Left Out: 50.802 $\pm$ 0.778 χ^2/NDF : 48.5/8

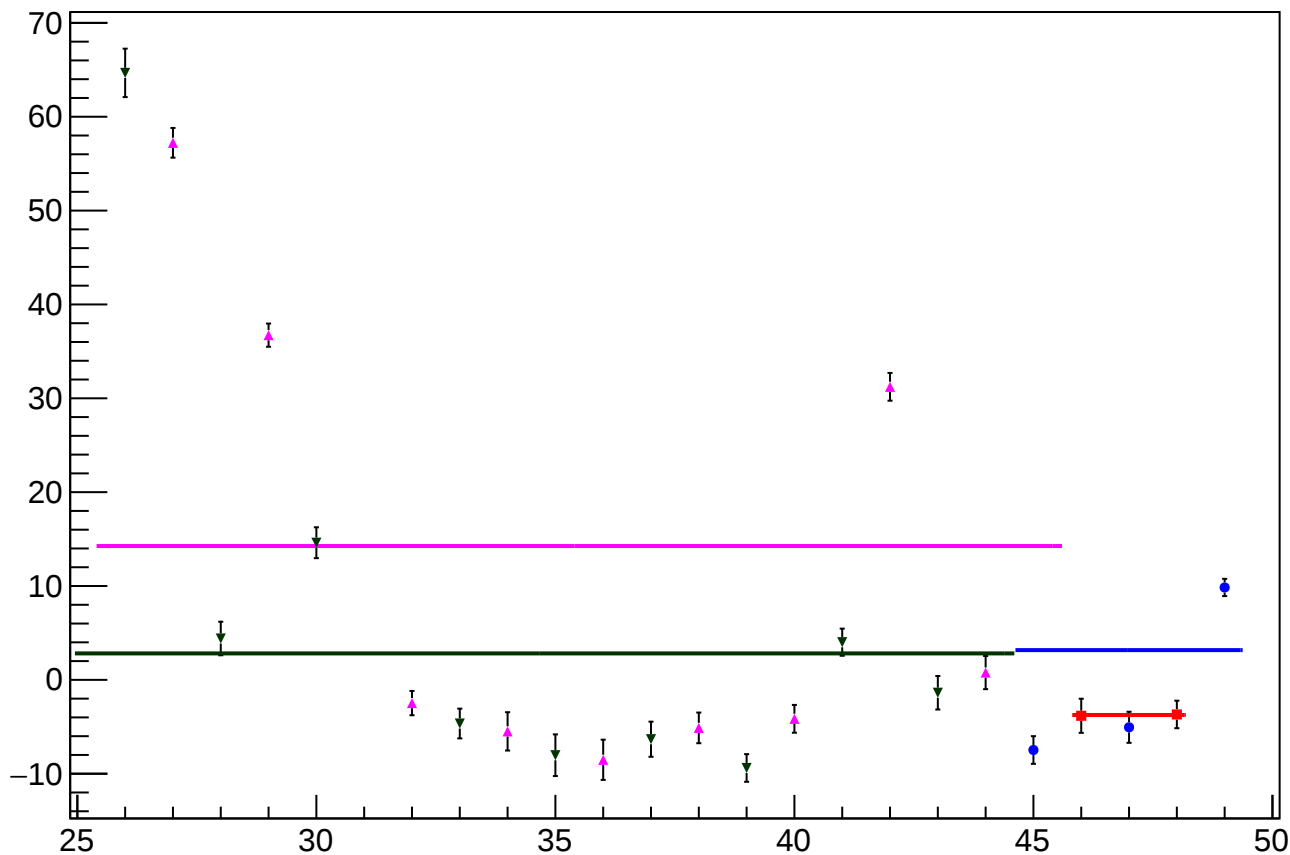
Right Out: 49.825 $\pm$ 1.426 χ^2/NDF : 0.7/1

Left In: 50.487 $\pm$ 0.701 χ^2/NDF : 63.2/8

51.040 $\pm$ 0.581 χ^2/NDF : 48.7/11

50.358 $\pm$ 0.629 χ^2/NDF : 64.1/10

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 3.169+/-0.706 χ^2/NDF : 129.5/2

Left Out: 2.819+/-0.580 χ^2/NDF : 771.6/8

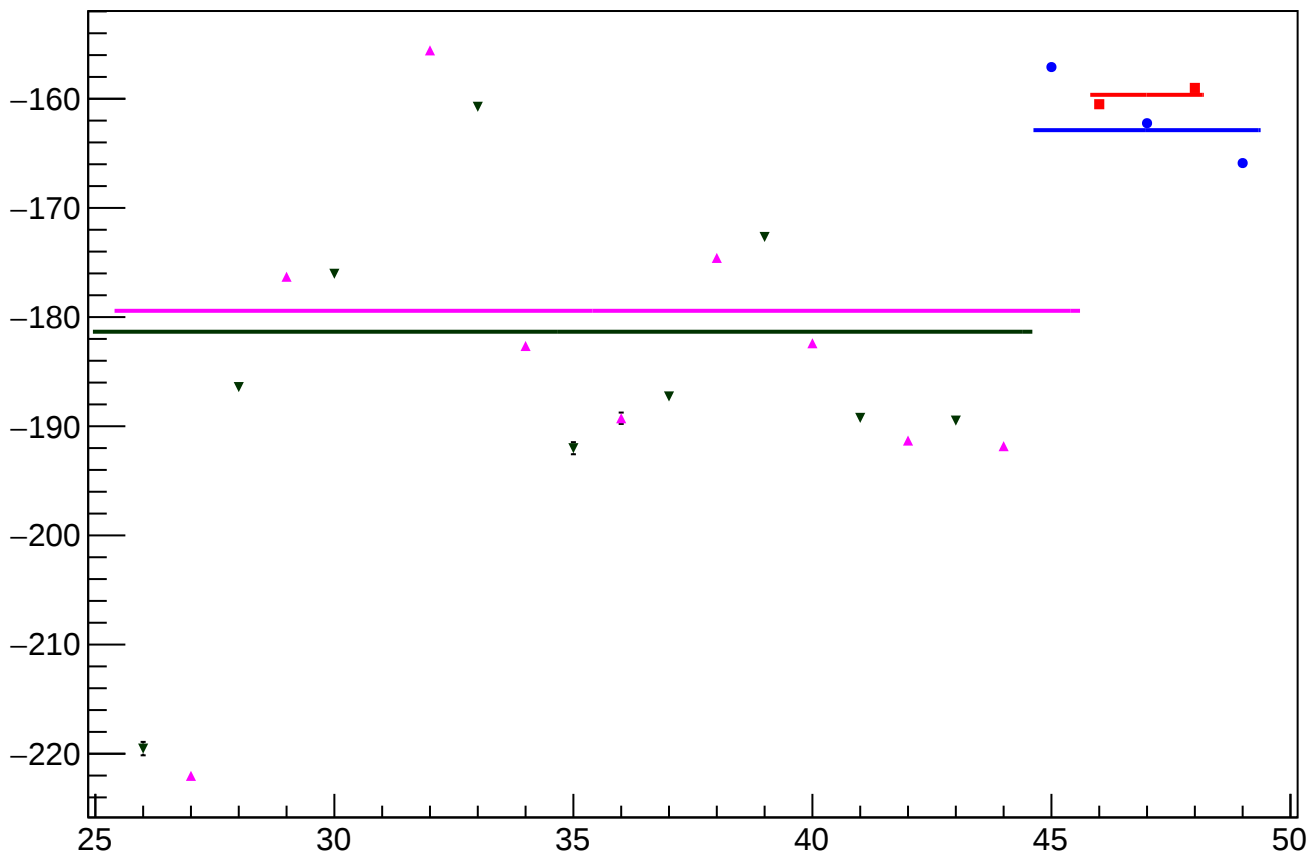
Right Out: -3.741+/-1.141 χ^2/NDF : 0.0/1

Left In: 14.260+/-0.519 χ^2/NDF : 1925.9/8

2.960+/-0.448 χ^2/NDF : 901.3/11

11.174+/-0.472 χ^2/NDF : 2132.2/10

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -162.876+/-0.163 χ^2/NDF : 500.0/2

Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

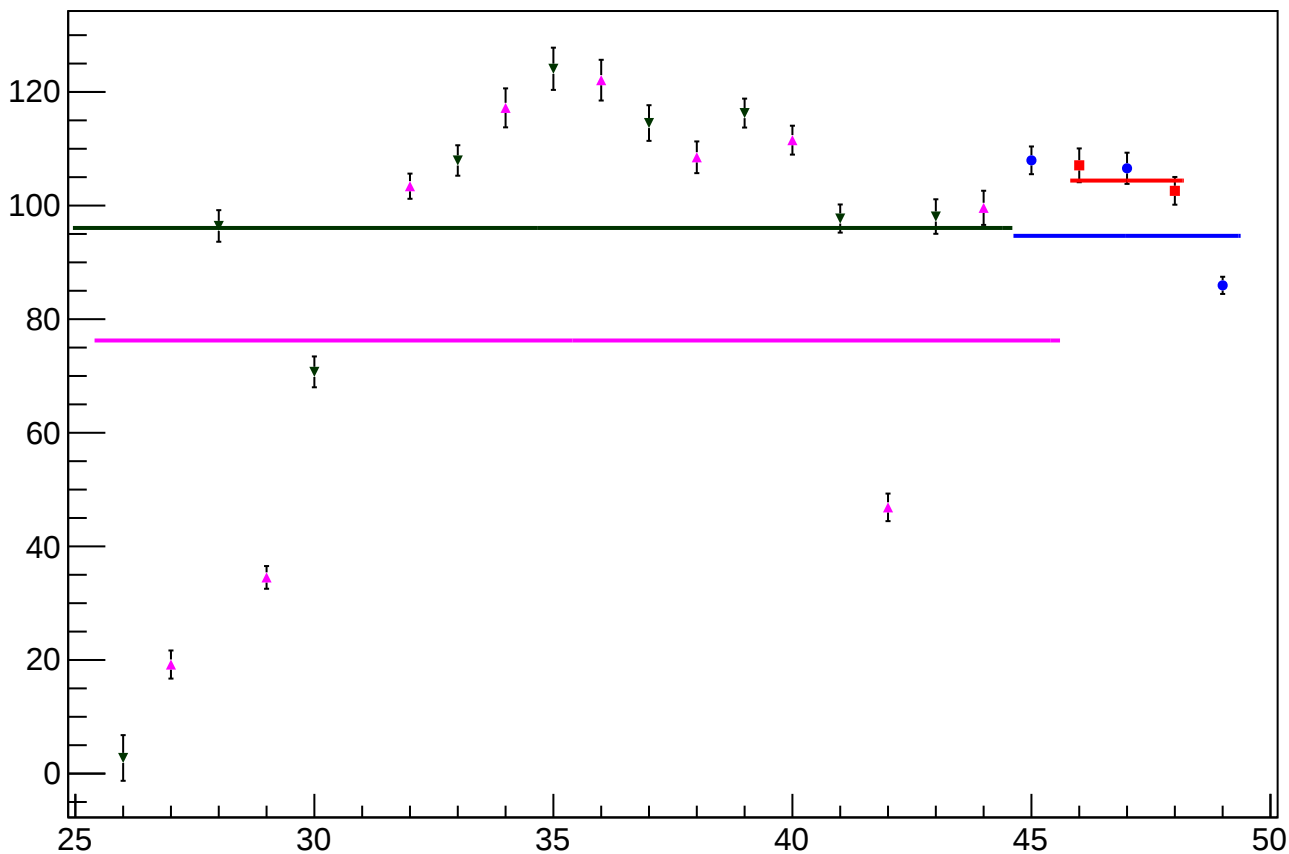
Right Out: -159.638+/-0.243 χ^2/NDF : 9.2/1

Left In: -179.424+/-0.120 χ^2/NDF : 21031.4/8

-174.199+/-0.102 χ^2/NDF : 18975.7/11

-175.565+/-0.107 χ^2/NDF : 26380.1/10

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 94.670+/-1.164 χ^2 /NDF: 81.6/2

Left Out: 96.058+/-0.969 χ^2 /NDF:800.7/8

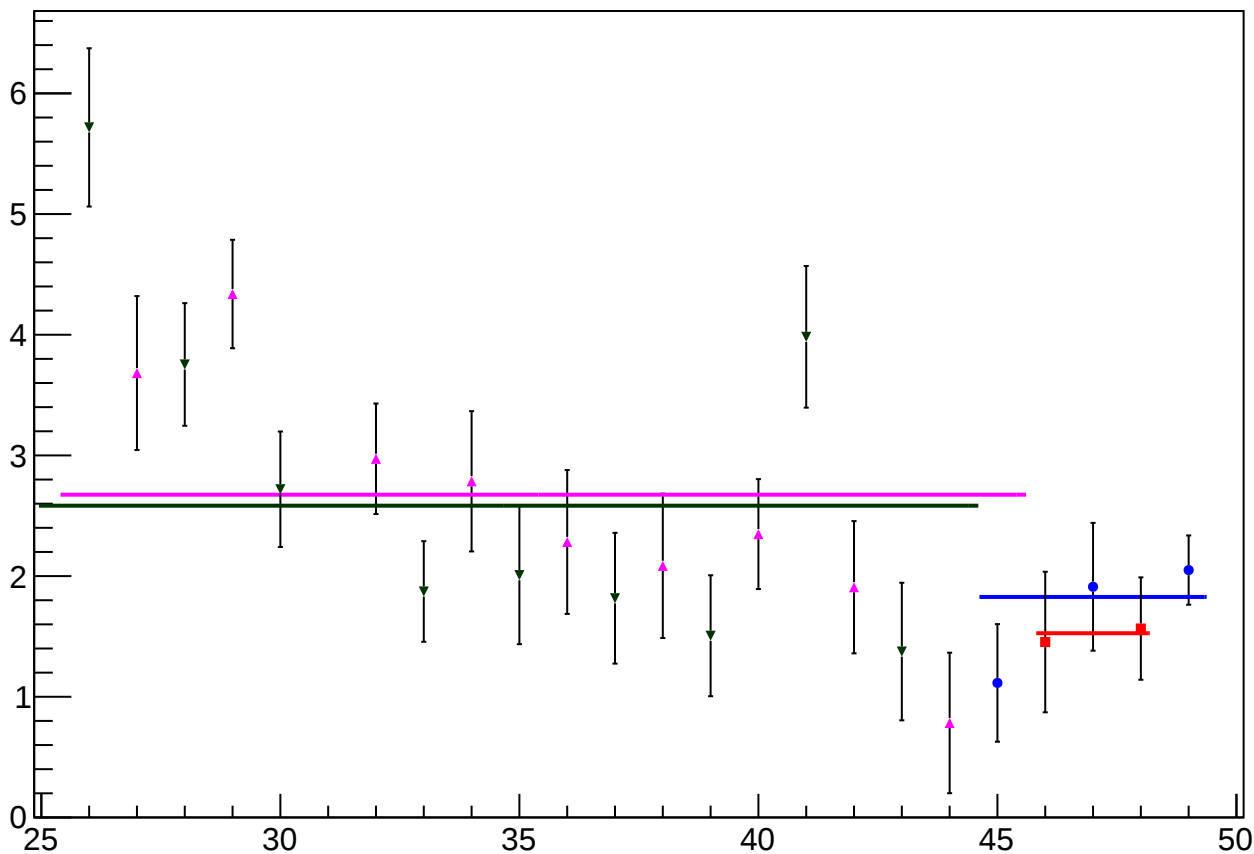
Right Out: 104.401+/-1.887 χ^2 /NDF: 1.4/1

Left In: 76.247+/-0.863 χ^2 /NDF:1954.9/8

95.490+/-0.745 χ^2 /NDF: 883.2/11

81.117+/-0.785 χ^2 /NDF: 2140.3/10

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.827 $\pm$ 0.224 χ^2 /NDF: 2.8/2

Left Out: 2.583 $\pm$ 0.175 χ^2 /NDF: 49.0/8

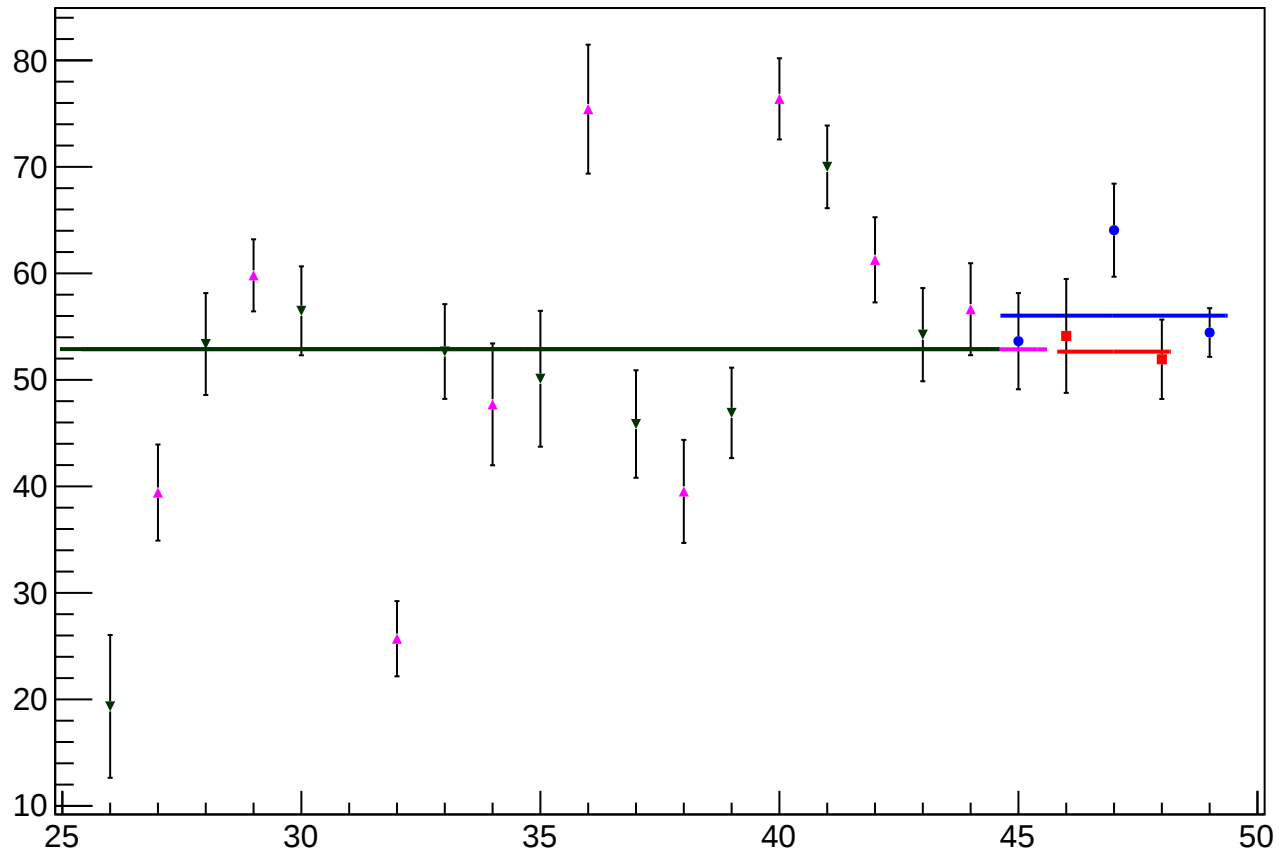
Right Out: 1.527 $\pm$ 0.343 χ^2 /NDF: 0.0/1

Left In: 2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.297 $\pm$ 0.138 χ^2 /NDF: 58.8/11

2.433 $\pm$ 0.157 χ^2 /NDF: 40.0/10

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 56.031 $\pm$ 1.848 χ^2 /NDF: 4.1/2

Left Out: 52.889 $\pm$ 1.558 χ^2 /NDF: 49.5/8

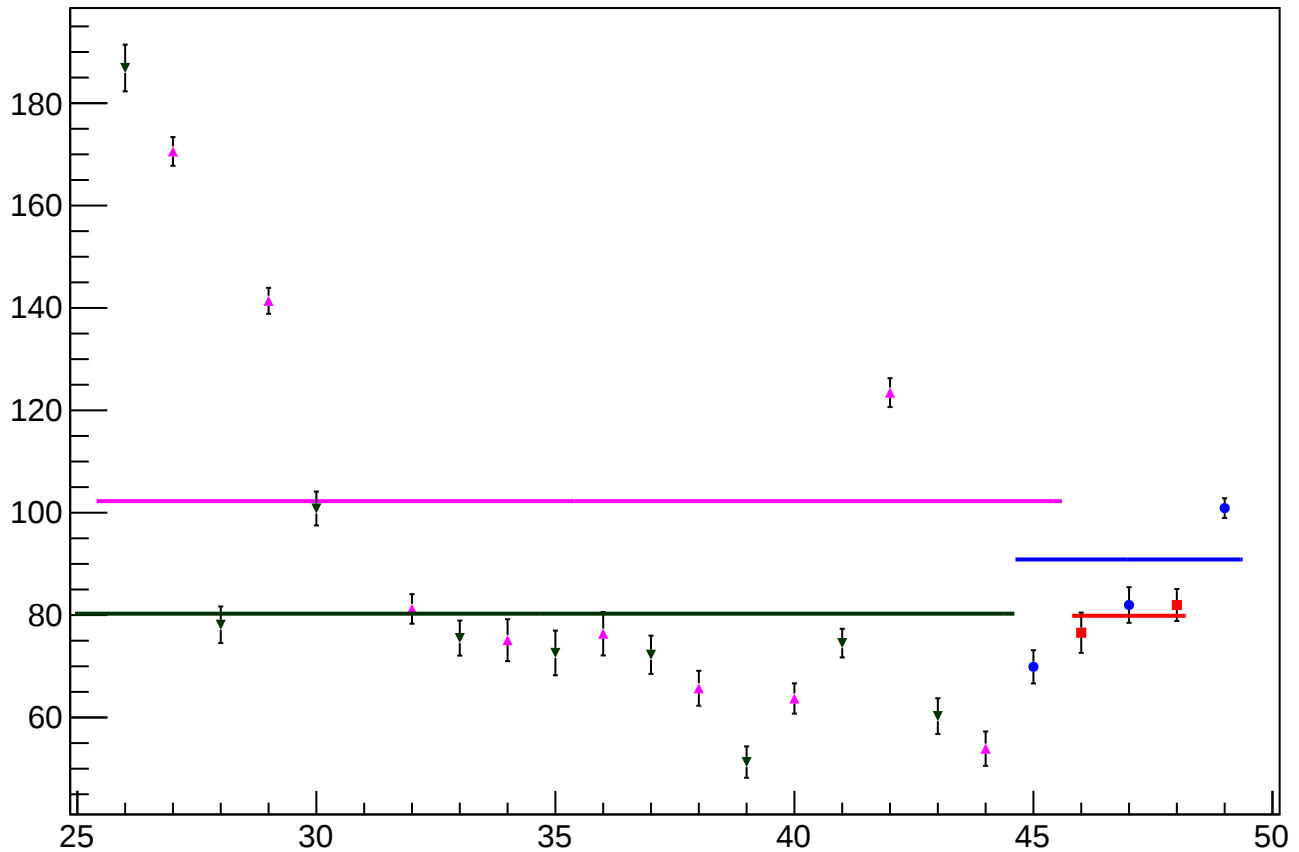
Right Out: 52.651 $\pm$ 3.058 χ^2 /NDF: 0.1/1

Left In: 52.872 $\pm$ 1.411 χ^2 /NDF: 137.9/8

54.195 $\pm$ 1.191 χ^2 /NDF: 55.3/11

52.833 $\pm$ 1.281 χ^2 /NDF: 138.0/10

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 90.867 $\pm$ 1.494 χ^2 /NDF: 75.4/2

Left Out: 80.279 $\pm$ 1.160 χ^2 /NDF: 722.6/8

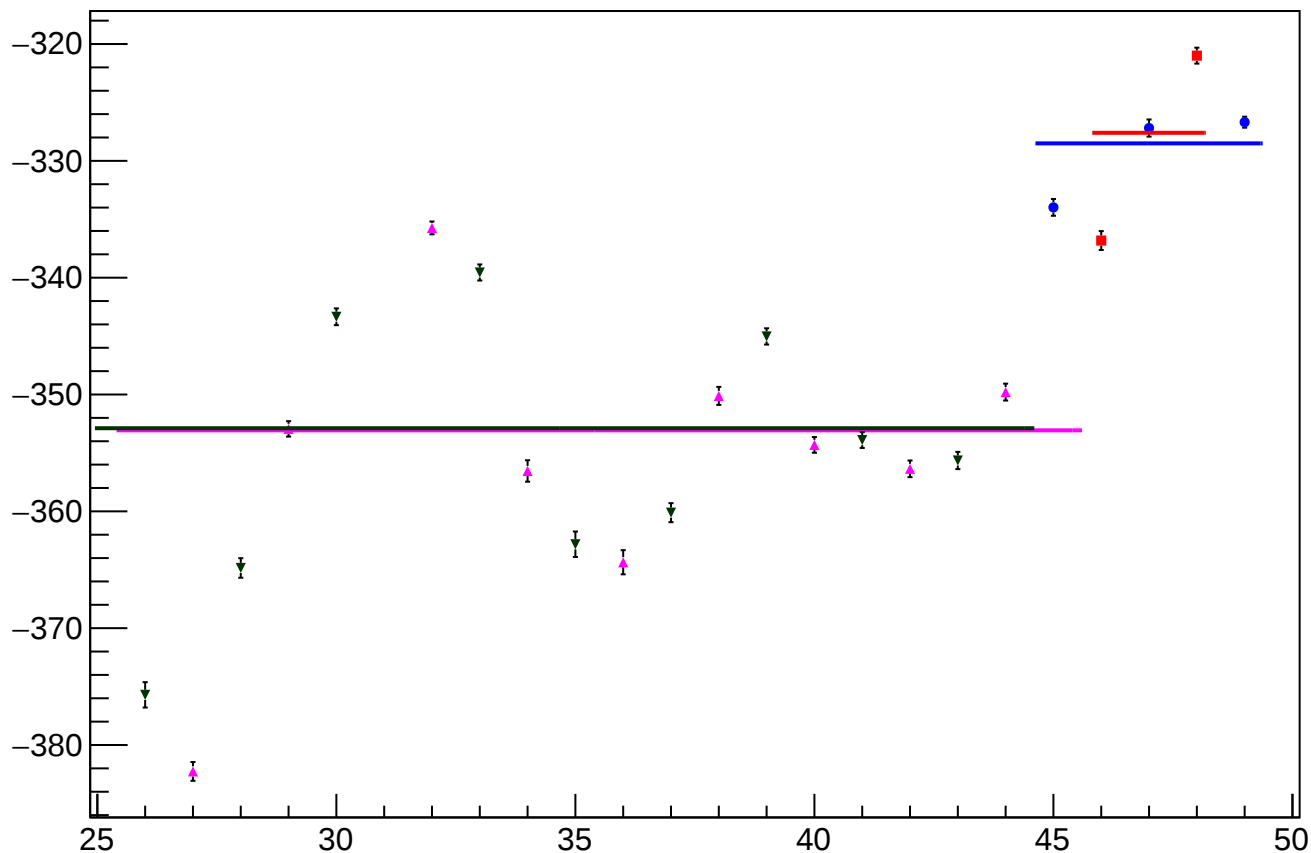
Right Out: 79.868 $\pm$ 2.448 χ^2 /NDF: 1.2/1

Left In: 102.261 $\pm$ 1.036 χ^2 /NDF: 1514.4/8

84.260 $\pm$ 0.916 χ^2 /NDF: 829.4/11

98.860 $\pm$ 0.954 χ^2 /NDF: 1586.5/10

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -328.504 $\pm$ 0.347 χ^2 /NDF: 76.4/2

Left Out: -352.885 $\pm$ 0.260 χ^2 /NDF:1502.5/8

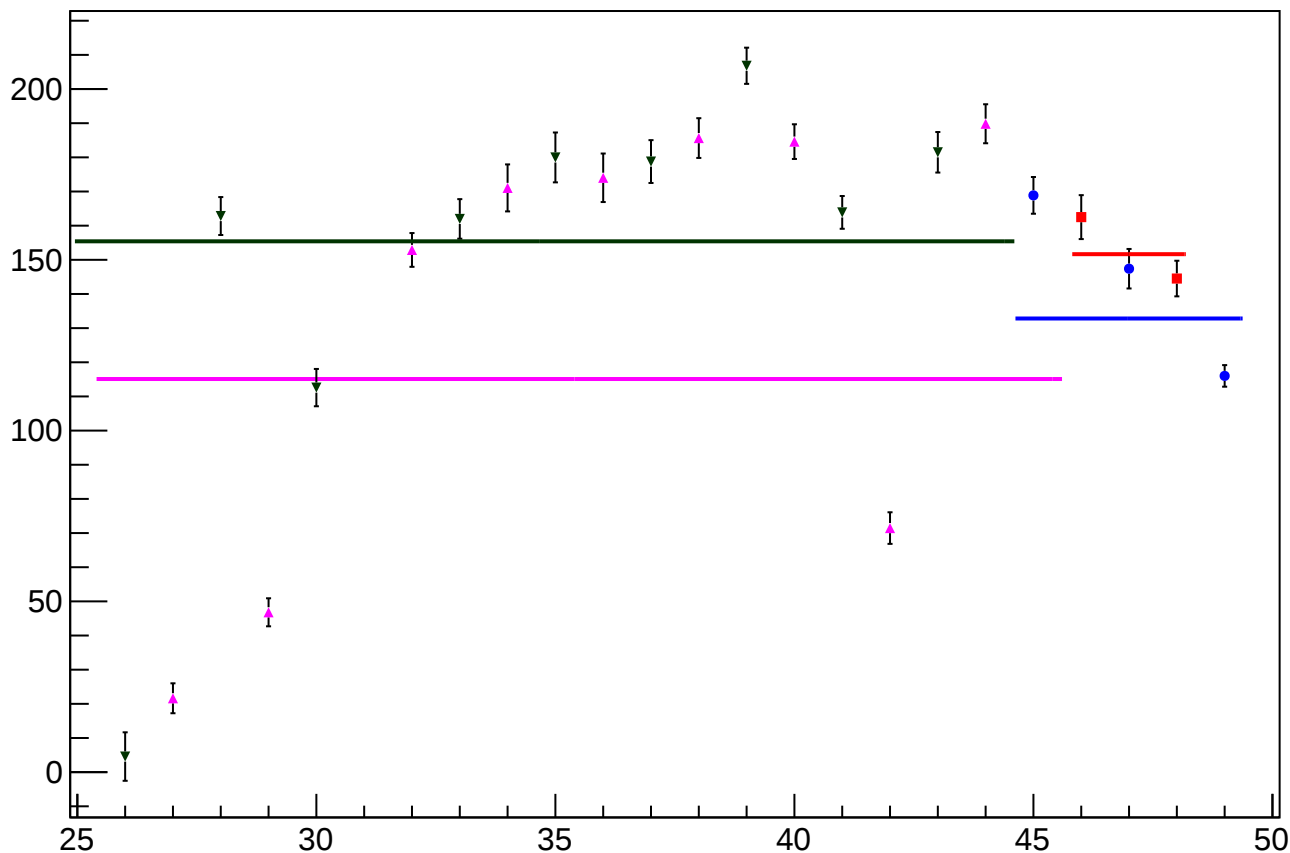
Right Out: -327.597 $\pm$ 0.521 χ^2 /NDF: 224.5/1

Left In: -353.066 $\pm$ 0.242 χ^2 /NDF:2507.5/8

-344.101 $\pm$ 0.208 χ^2 /NDF: 4740.6/11

-348.544 $\pm$ 0.219 χ^2 /NDF: 4698.9/10

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 132.819 $\pm$ 2.465 χ^2 /NDF: 79.6/2

Left Out: 155.417 $\pm$ 1.935 χ^2 /NDF: 657.8/8

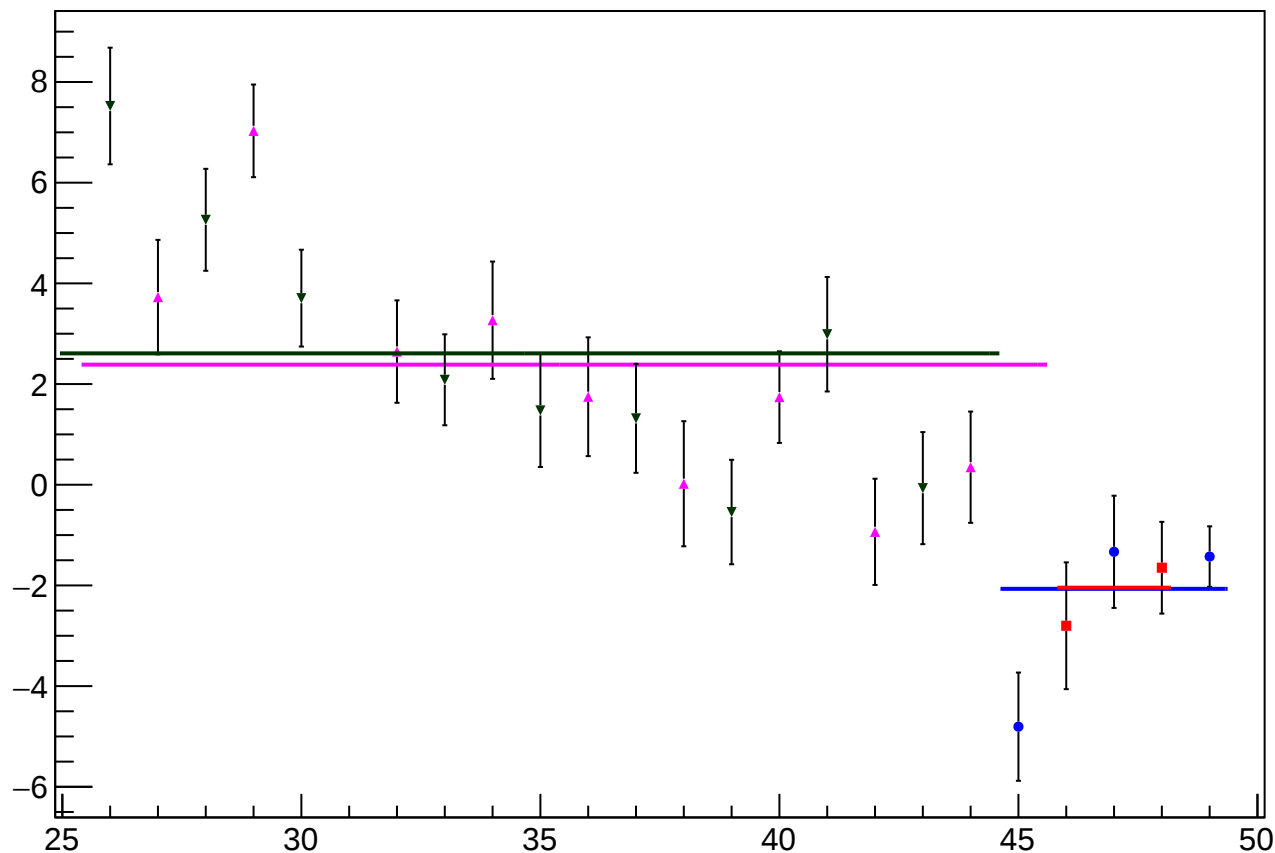
Right Out: 151.654 $\pm$ 4.051 χ^2 /NDF: 4.7/1

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

146.803 $\pm$ 1.522 χ^2 /NDF: 789.4/11

120.672 $\pm$ 1.581 χ^2 /NDF: 1594.0/10

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -2.068 ± 0.474 $\chi^2/\text{NDF}: 8.1/2$

Left Out: 2.609 ± 0.350 $\chi^2/\text{NDF}: 44.1/8$

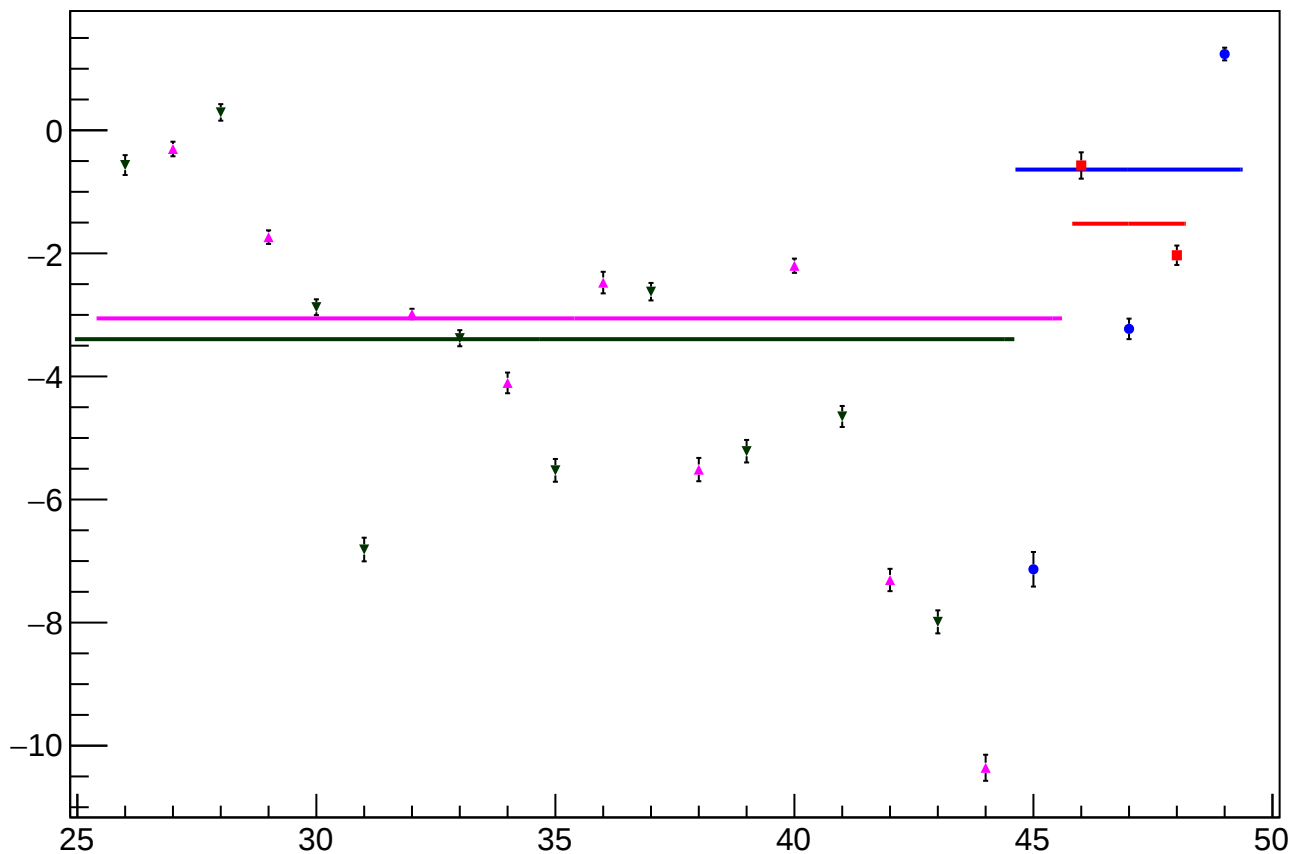
Right Out: -2.045 ± 0.738 $\chi^2/\text{NDF}: 0.6/1$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

0.963 ± 0.281 $\chi^2/\text{NDF}: 115.1/11$

1.555 ± 0.320 $\chi^2/\text{NDF}: 75.0/10$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.638 ± 0.084 $\chi^2/\text{NDF}: 1105.2/2$

Left Out: -3.394 ± 0.049 $\chi^2/\text{NDF}: 2310.5/9$

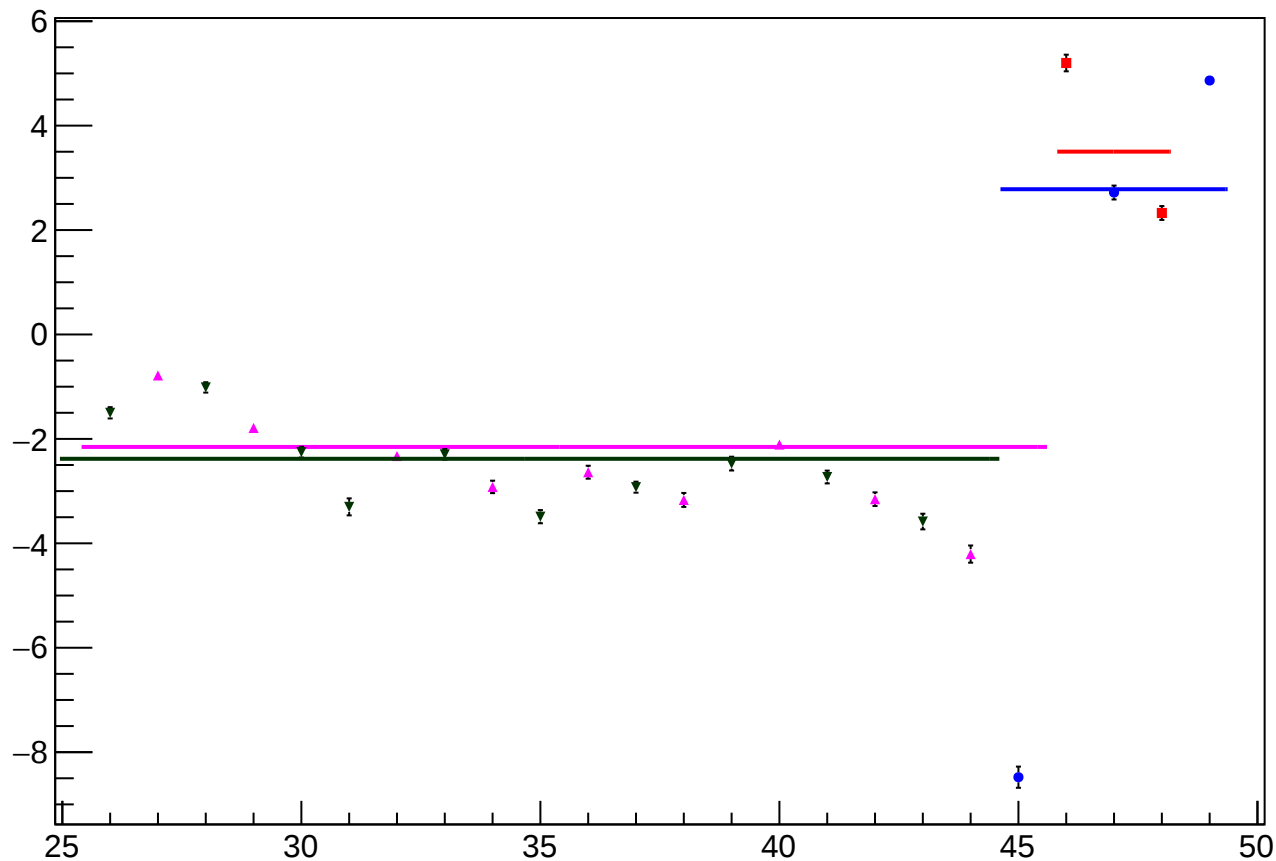
Right Out: -1.518 ± 0.127 $\chi^2/\text{NDF}: 30.1/1$

Left In: -3.057 ± 0.044 $\chi^2/\text{NDF}: 2696.4/8$

-2.686 ± 0.043 $\chi^2/\text{NDF}: 4218.6/12$

-2.892 ± 0.042 $\chi^2/\text{NDF}: 2857.6/10$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 2.782 $\pm$ 0.068 χ^2 /NDF: 3651.0/2

Left Out: -2.381 $\pm$ 0.037 χ^2 /NDF: 466.1/9

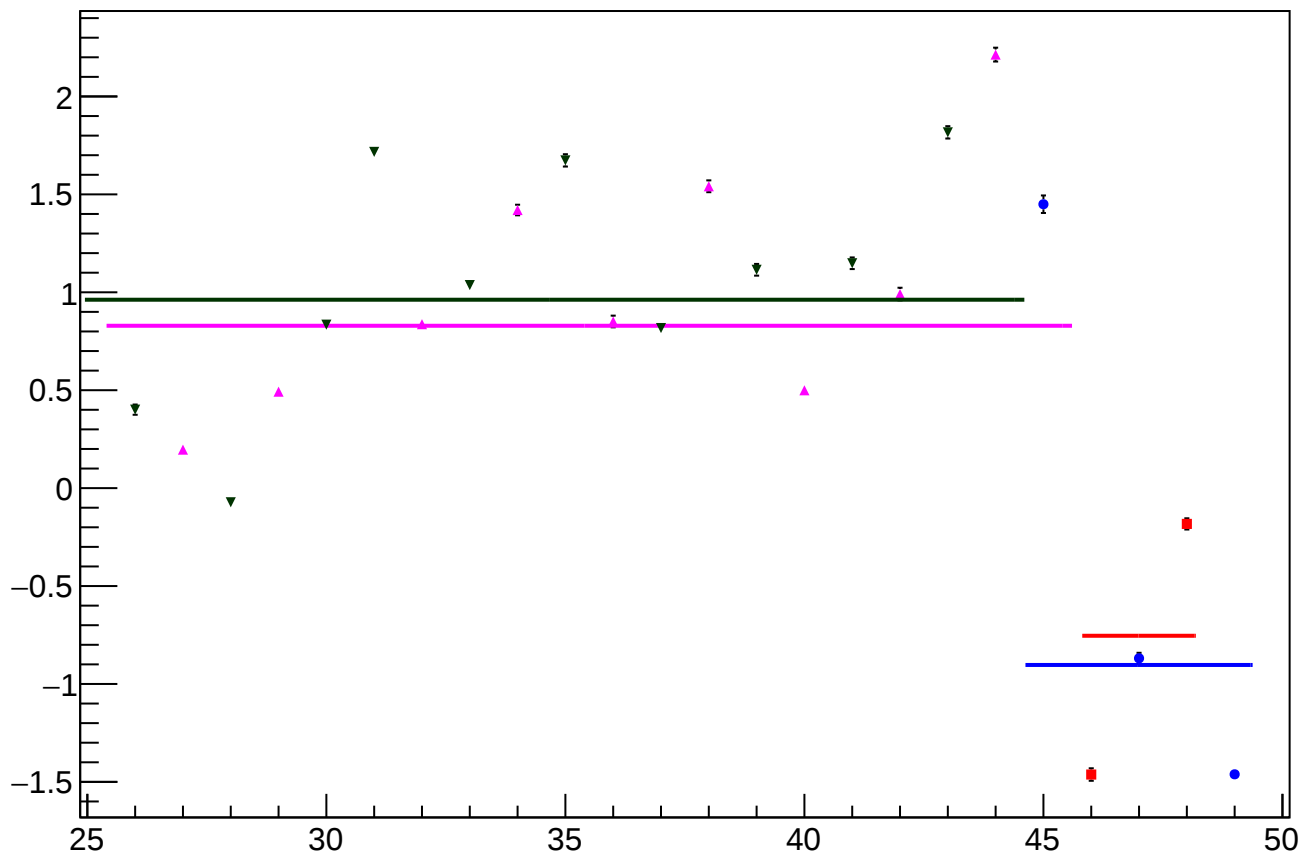
Right Out: 3.502 $\pm$ 0.102 χ^2 /NDF: 191.7/1

Left In: -2.154 $\pm$ 0.032 χ^2 /NDF: 703.0/8

-1.223 $\pm$ 0.032 χ^2 /NDF: 8530.6/12

-1.633 $\pm$ 0.031 χ^2 /NDF: 3686.3/10

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.903±/0.016 χ^2/NDF : 3441.2/2

Left Out: 0.962±/0.008 χ^2/NDF :4690.6/9

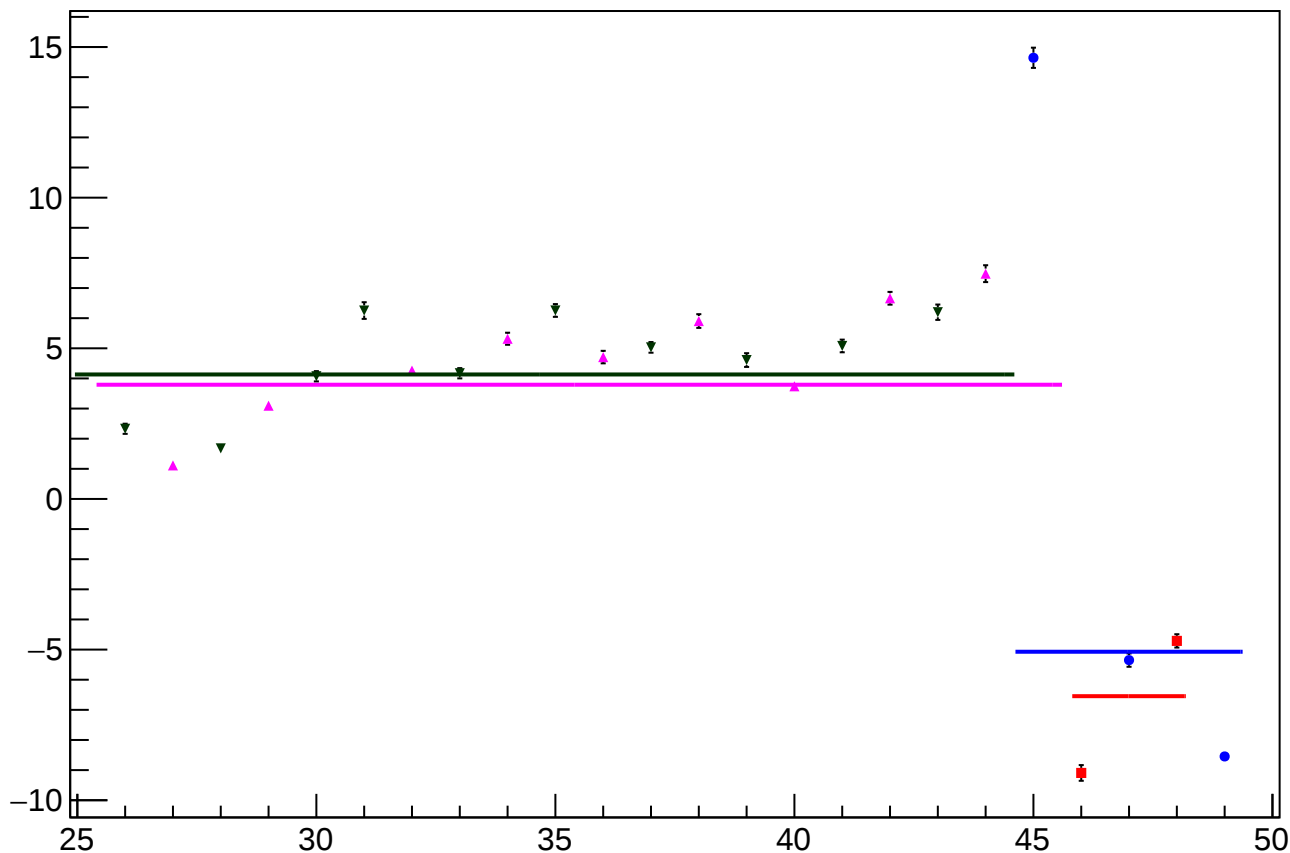
Right Out: -0.754±/0.021 χ^2/NDF : 887.0/1

Left In: 0.829±/0.007 χ^2/NDF :3974.9/8

0.588±/0.007 χ^2/NDF : 19094.5/12

0.657±/0.007 χ^2/NDF : 9757.9/10

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.071 ± 0.113 $\chi^2/\text{NDF}: 4035.8/2$

Left Out: 4.132 ± 0.061 $\chi^2/\text{NDF}: 639.2/9$

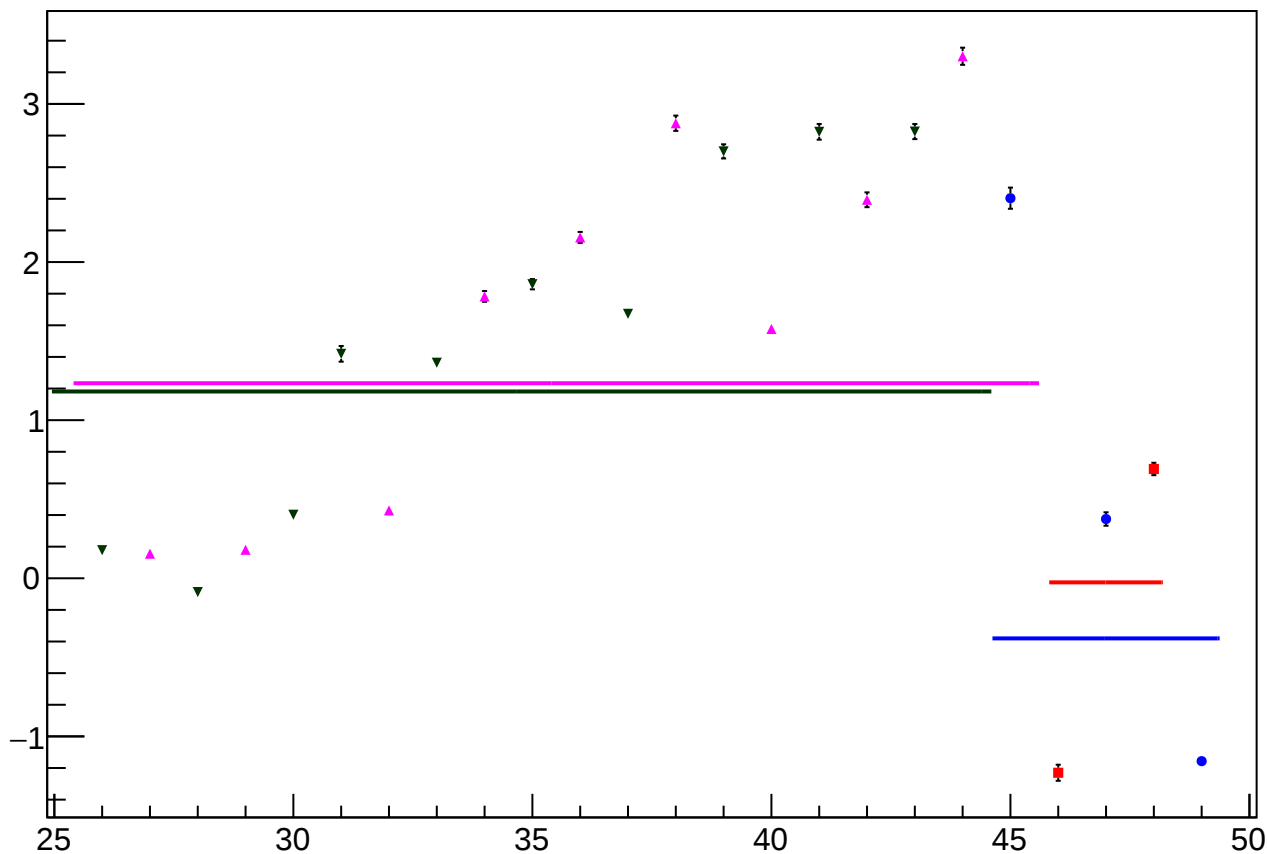
Right Out: -6.546 ± 0.169 $\chi^2/\text{NDF}: 164.2/1$

Left In: 3.791 ± 0.054 $\chi^2/\text{NDF}: 1110.0/8$

2.069 ± 0.054 $\chi^2/\text{NDF}: 9798.7/12$

2.840 ± 0.051 $\chi^2/\text{NDF}: 4681.6/10$

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.380+/-0.022 χ^2/NDF : 2847.5/2

Left Out: 1.181+/-0.011 χ^2/NDF : 8123.1/9

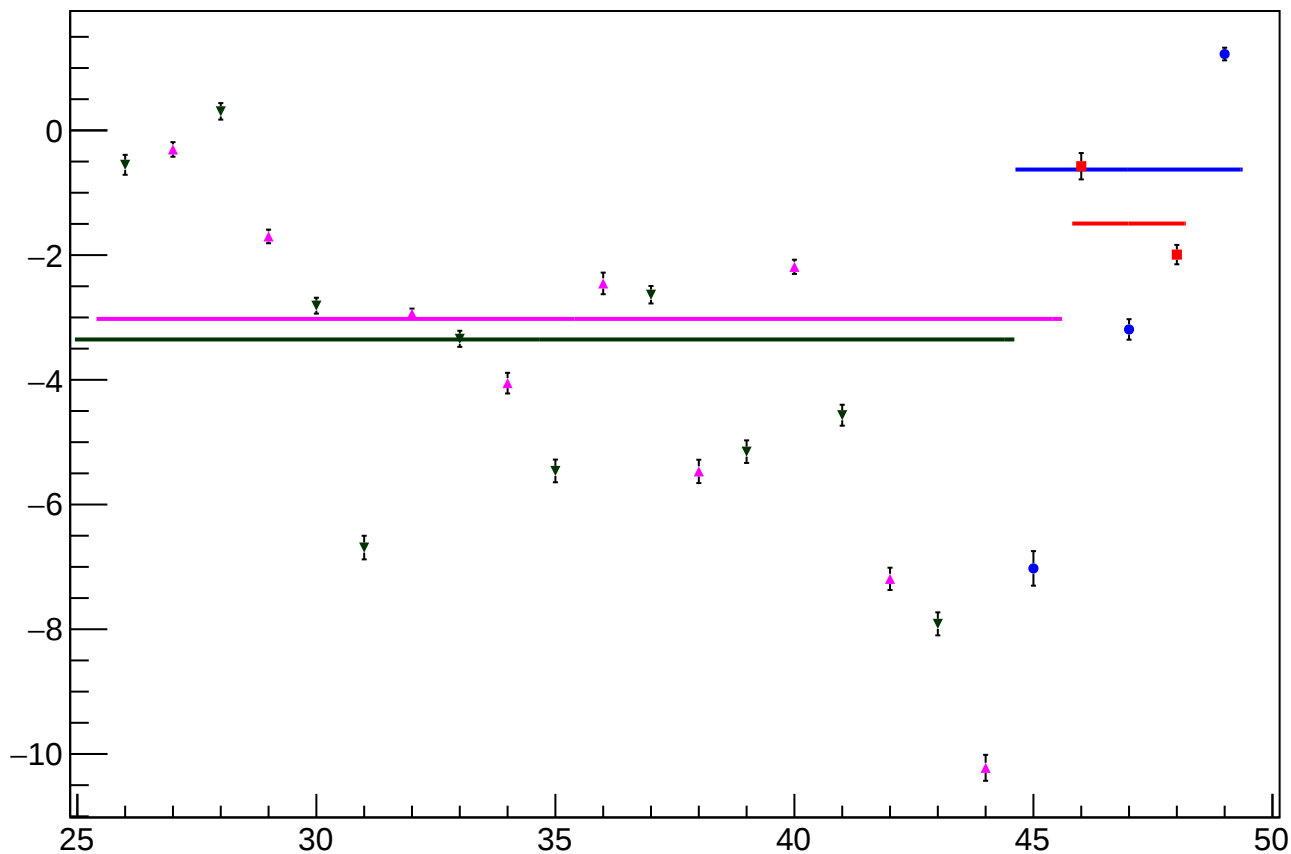
Right Out: -0.026+/-0.031 χ^2/NDF : 893.9/1

Left In: 1.234+/-0.011 χ^2/NDF : 7862.9/8

0.878+/-0.010 χ^2/NDF : 15116.1/12

1.090+/-0.010 χ^2/NDF : 10211.5/10

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -0.628+/-0.083 χ^2/NDF : 1107.2/2

Left Out: -3.353+/-0.049 χ^2/NDF : 2320.8/9

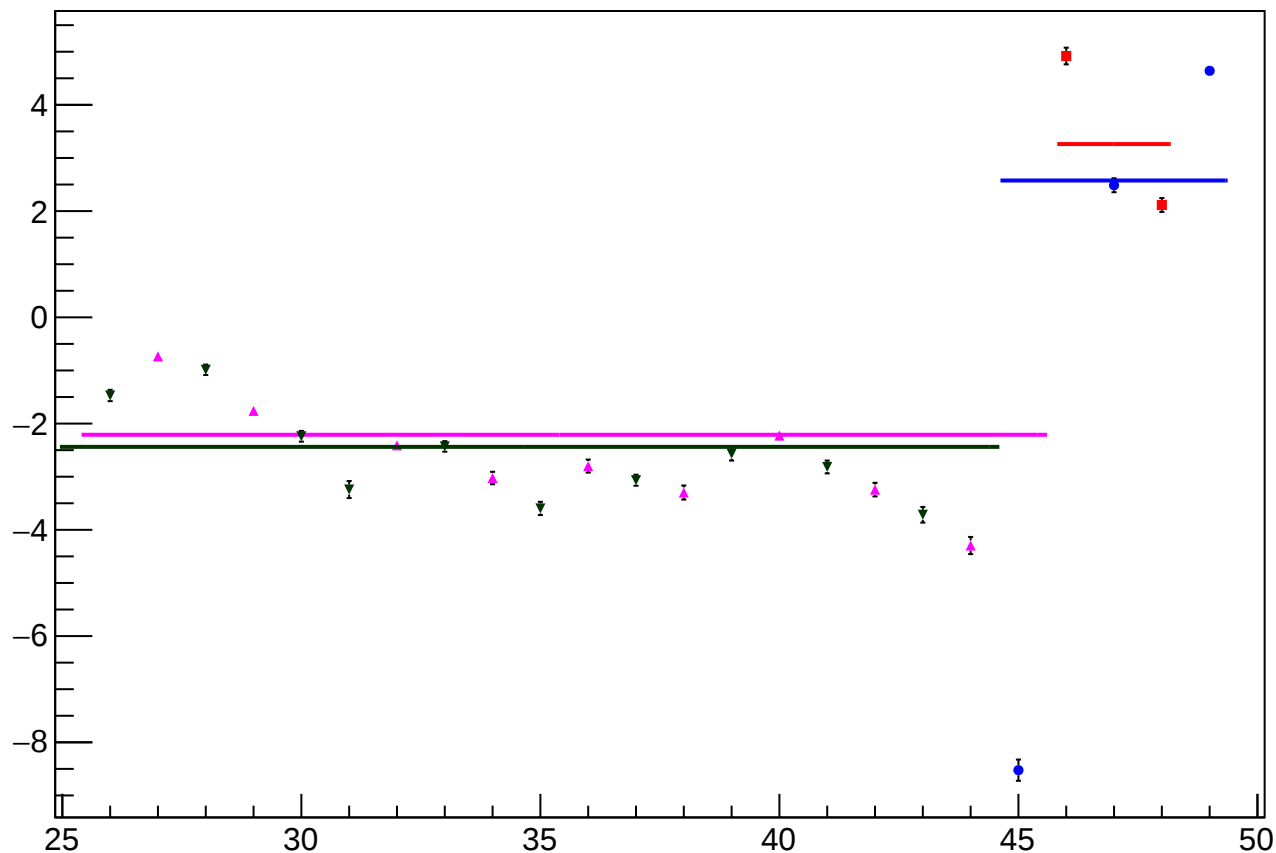
Right Out: -1.494+/-0.125 χ^2/NDF : 29.2/1

Left In: -3.023+/-0.043 χ^2/NDF : 2702.0/8

-2.652+/-0.042 χ^2/NDF : 4235.2/12

-2.859+/-0.041 χ^2/NDF : 2864.4/10

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 2.576 ± 0.067 $\chi^2/\text{NDF}: 3661.2/2$

Left Out: -2.438 ± 0.036 $\chi^2/\text{NDF}: 538.5/9$

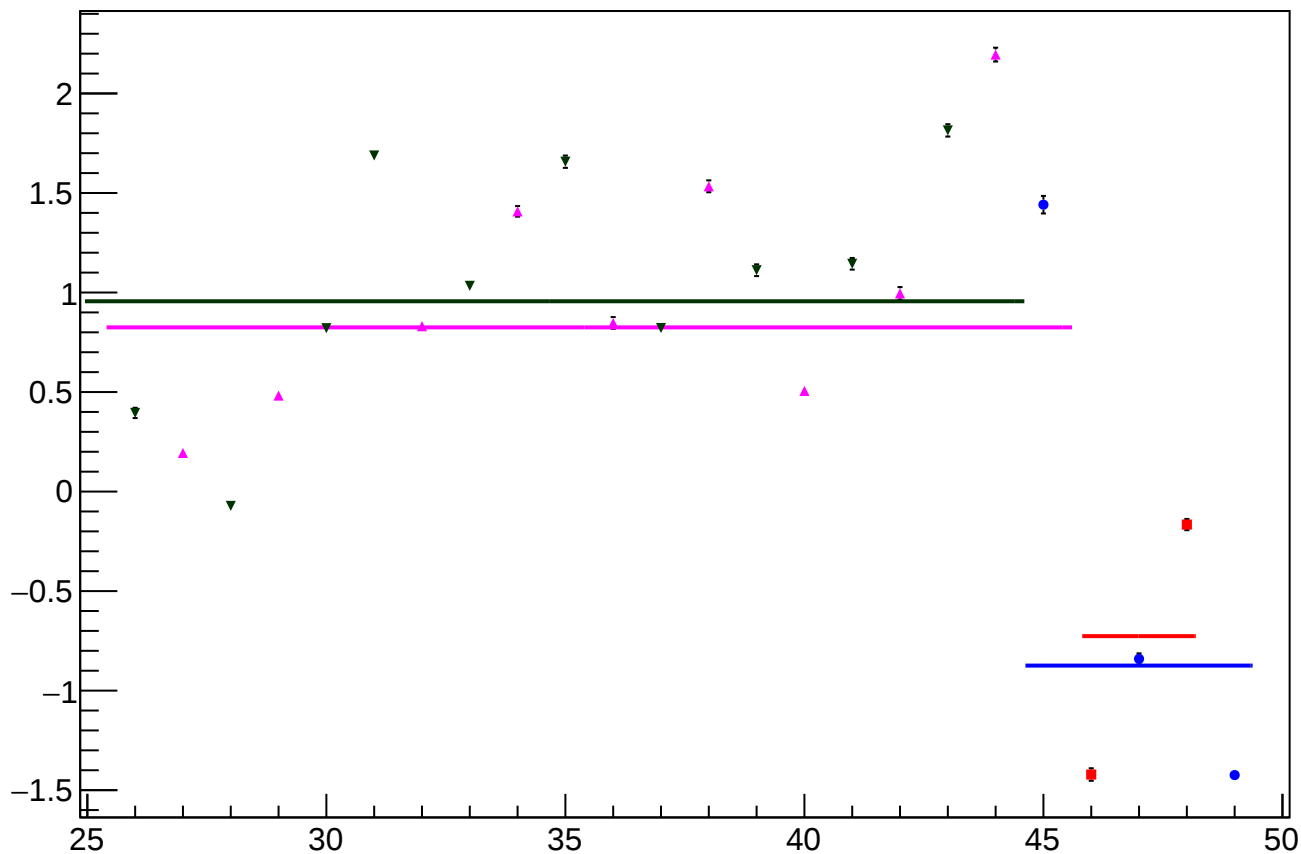
Right Out: 3.262 ± 0.101 $\chi^2/\text{NDF}: 188.0/1$

Left In: -2.211 ± 0.032 $\chi^2/\text{NDF}: 822.7/8$

-1.312 ± 0.032 $\chi^2/\text{NDF}: 8480.8/12$

-1.705 ± 0.031 $\chi^2/\text{NDF}: 3698.5/10$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.874 ± 0.016 χ^2/NDF : 3434.2/2

Left Out: 0.956 ± 0.008 χ^2/NDF : 4739.0/9

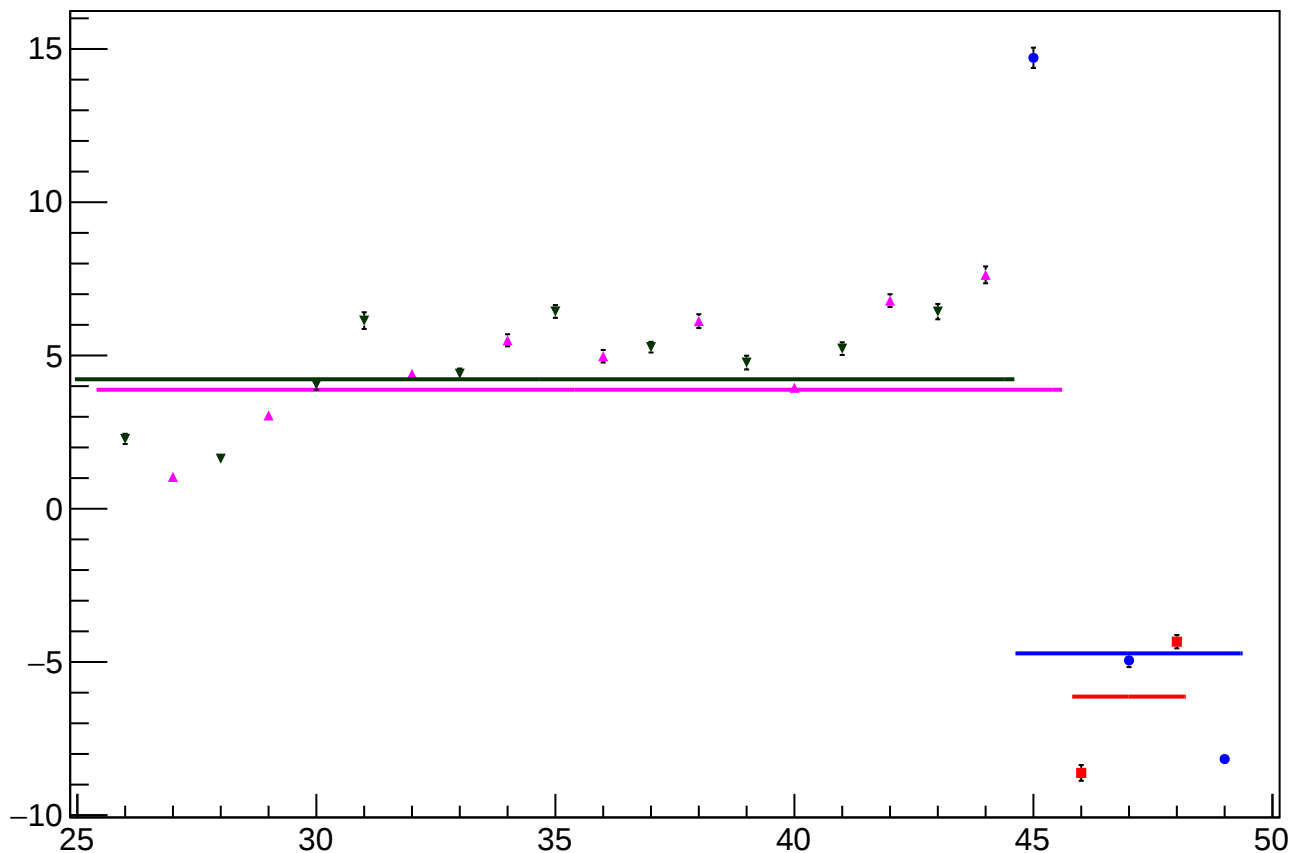
Right Out: -0.726 ± 0.021 χ^2/NDF : 878.5/1

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.588 ± 0.007 χ^2/NDF : 19033.4/12

0.656 ± 0.007 χ^2/NDF : 9742.4/10

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -4.719 ± 0.112 $\chi^2/\text{NDF}: 4045.4/2$

Left Out: 4.225 ± 0.060 $\chi^2/\text{NDF}: 727.8/9$

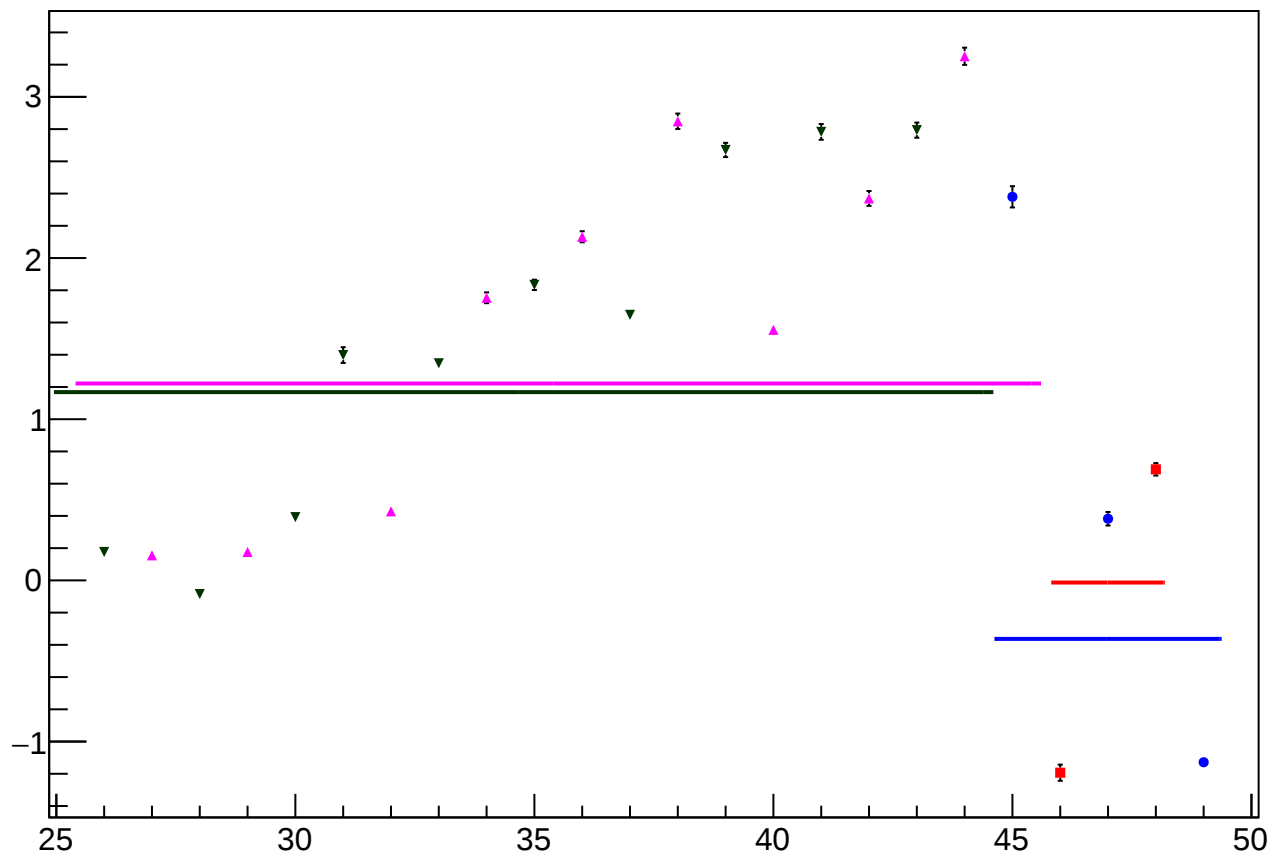
Right Out: -6.129 ± 0.166 $\chi^2/\text{NDF}: 161.2/1$

Left In: 3.882 ± 0.053 $\chi^2/\text{NDF}: 1263.9/8$

2.218 ± 0.053 $\chi^2/\text{NDF}: 9749.5/12$

2.959 ± 0.051 $\chi^2/\text{NDF}: 4712.1/10$

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.363 ± 0.021 χ^2/NDF : 2848.0/2

Left Out: 1.168 ± 0.011 χ^2/NDF : 8132.7/9

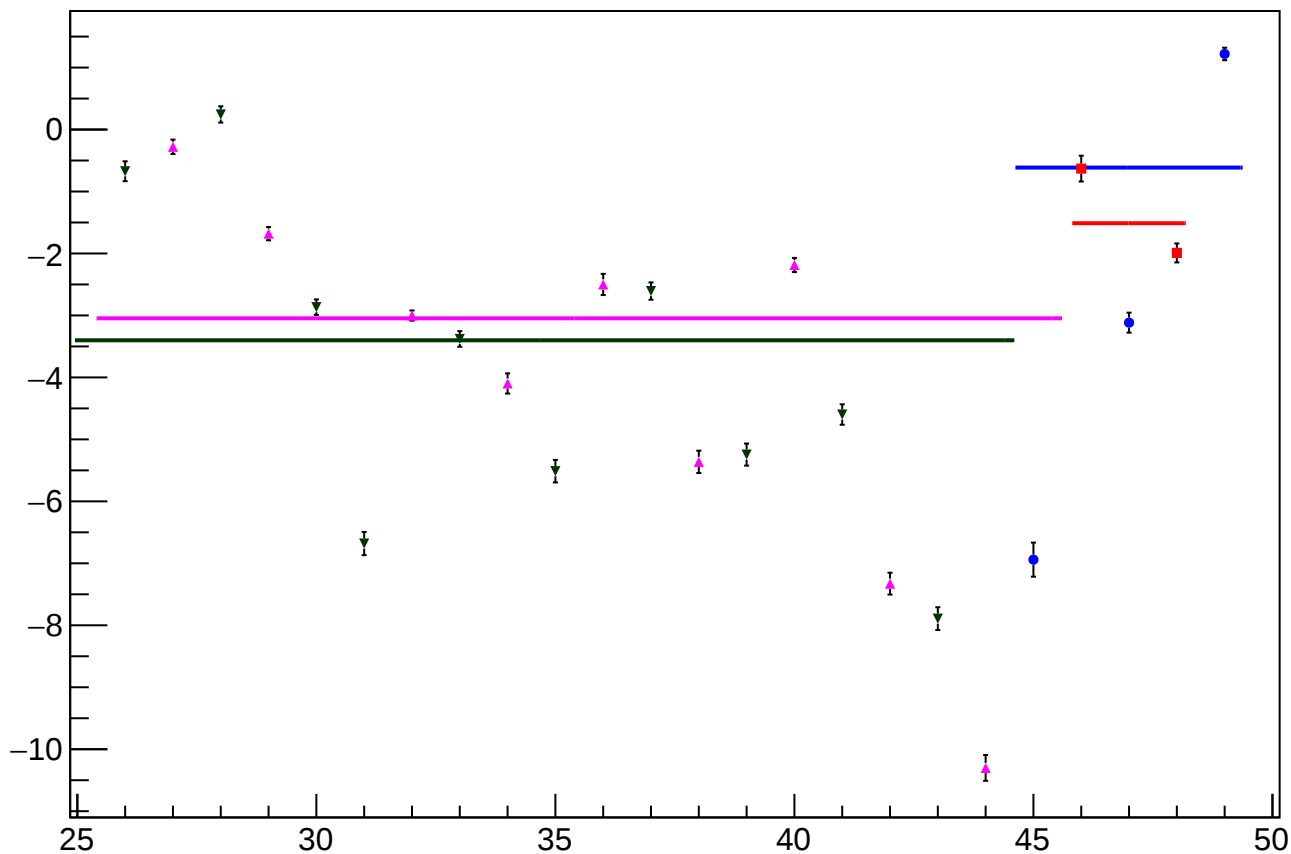
Right Out: -0.013 ± 0.031 χ^2/NDF : 882.9/1

Left In: 1.222 ± 0.011 χ^2/NDF : 7856.1/8

0.870 ± 0.009 χ^2/NDF : 15079.9/12

1.080 ± 0.010 χ^2/NDF : 10178.0/10

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -0.614 ± 0.082 $\chi^2/\text{NDF}: 1098.8/2$

Left Out: -3.401 ± 0.048 $\chi^2/\text{NDF}: 2306.6/9$

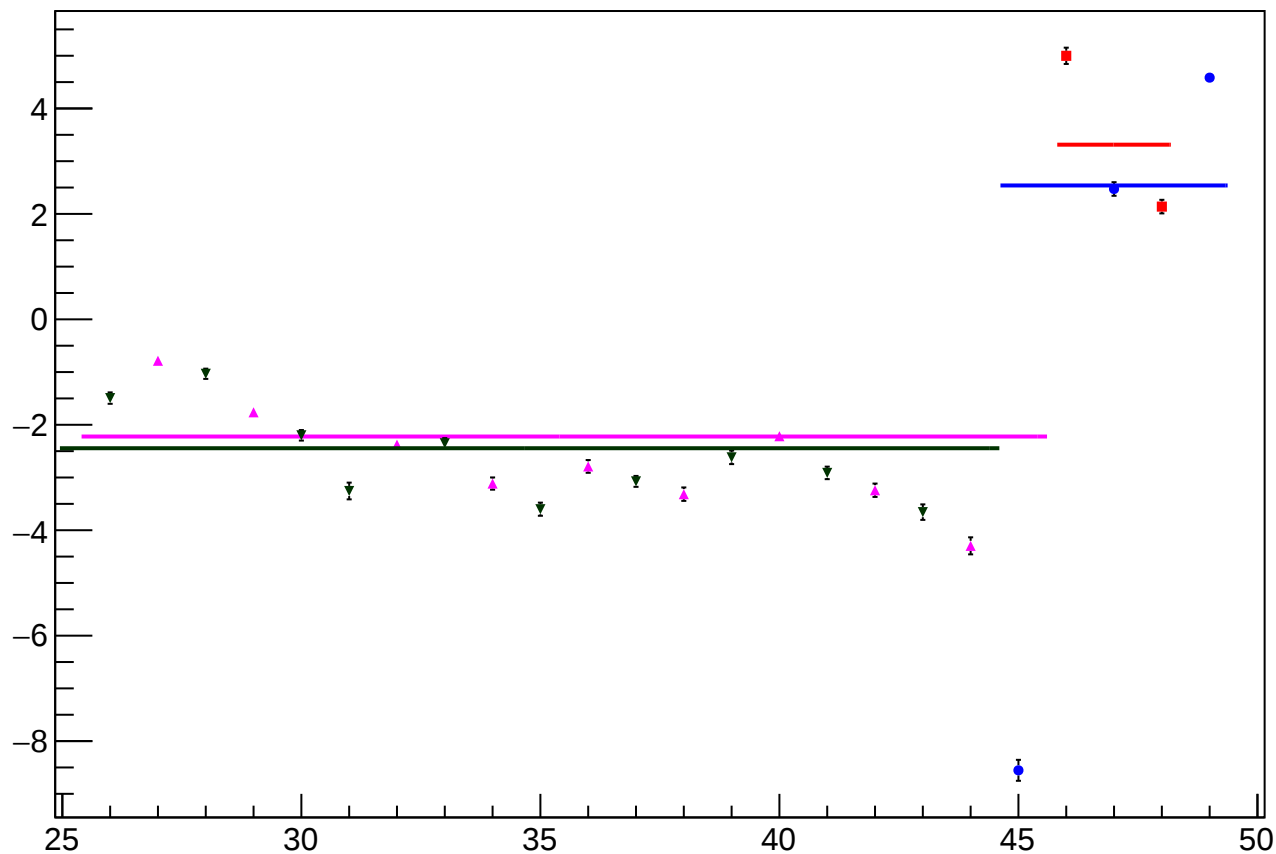
Right Out: -1.512 ± 0.123 $\chi^2/\text{NDF}: 27.7/1$

Left In: -3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.9/8$

-2.683 ± 0.041 $\chi^2/\text{NDF}: 4268.2/12$

-2.881 ± 0.040 $\chi^2/\text{NDF}: 2973.6/10$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 2.539 ± 0.067 χ^2/NDF : 3694.3/2

Left Out: -2.445 ± 0.036 χ^2/NDF : 529.3/9

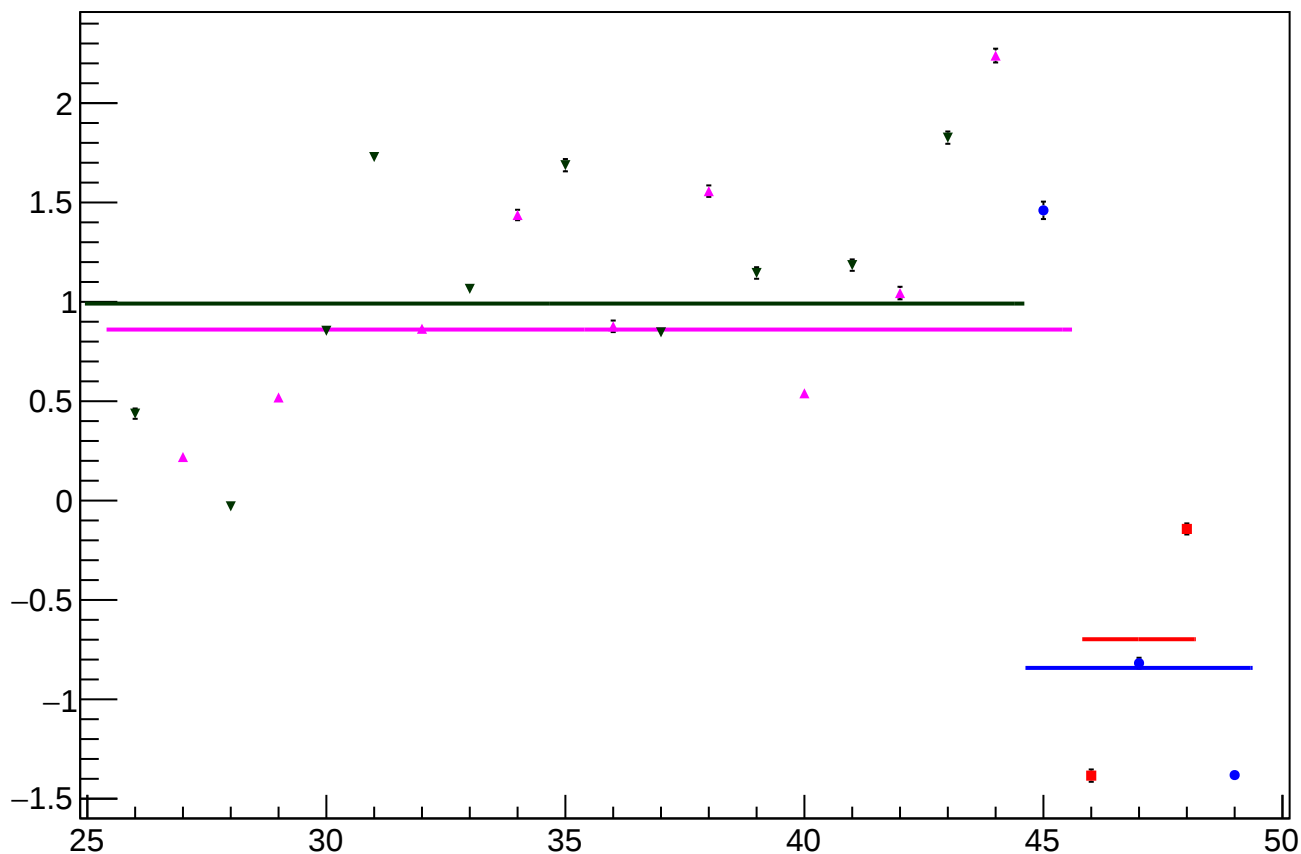
Right Out: 3.313 ± 0.099 χ^2/NDF : 201.9/1

Left In: -2.223 ± 0.032 χ^2/NDF : 822.2/8

-1.322 ± 0.032 χ^2/NDF : 8543.1/12

-1.710 ± 0.030 χ^2/NDF : 3859.9/10

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.842 ± 0.016 χ^2/NDF : 3421.3/2

Left Out: 0.991 ± 0.008 χ^2/NDF : 4720.4/9

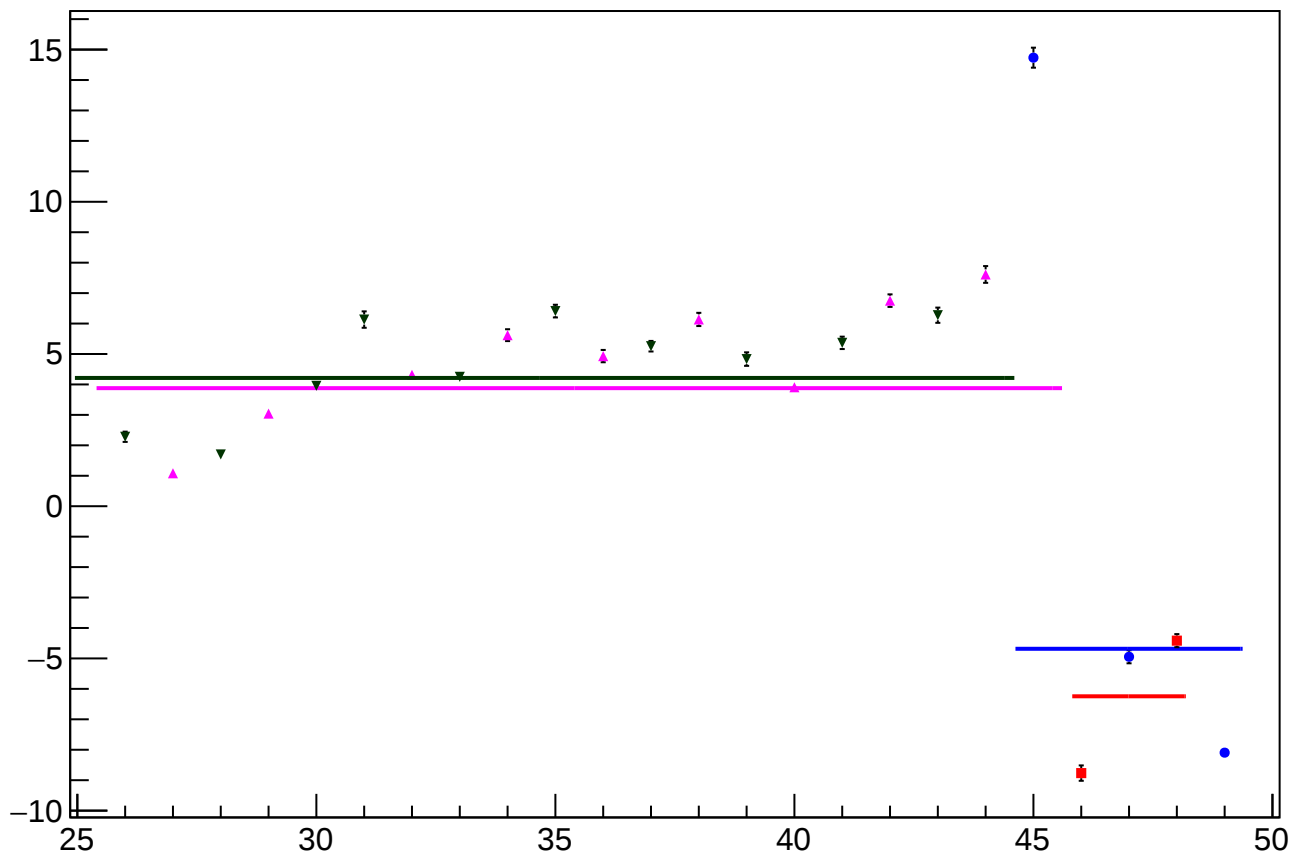
Right Out: -0.698 ± 0.021 χ^2/NDF : 883.3/1

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.4/8

0.622 ± 0.007 χ^2/NDF : 19279.5/12

0.691 ± 0.007 χ^2/NDF : 10035.8/10

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -4.683+/-0.110 χ^2/NDF : 4082.1/2

Left Out: 4.214+/-0.060 χ^2/NDF : 711.6/9

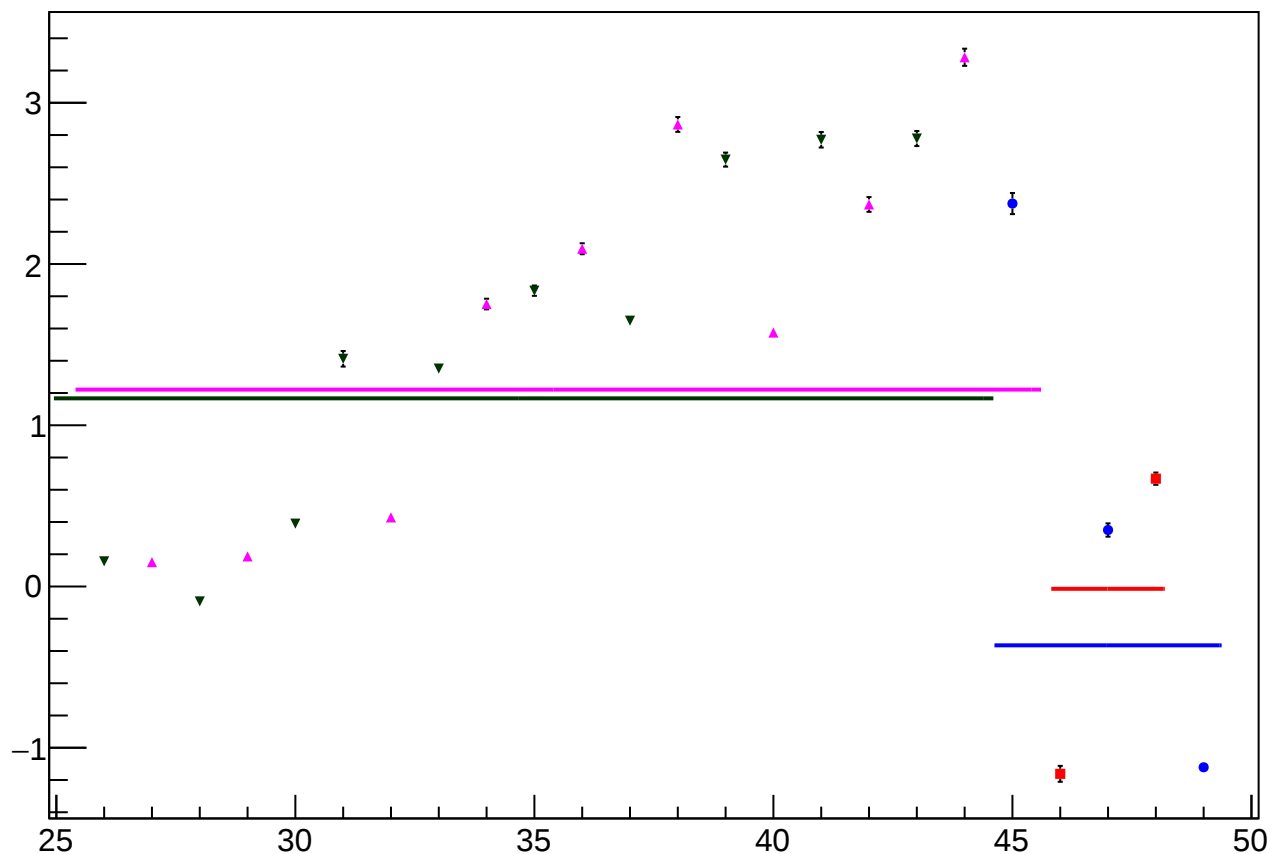
Right Out: -6.244+/-0.164 χ^2/NDF : 171.8/1

Left In: 3.878+/-0.052 χ^2/NDF : 1270.8/8

2.210+/-0.052 χ^2/NDF : 9821.2/12

2.940+/-0.050 χ^2/NDF : 4906.3/10

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.365 ± 0.021 χ^2/NDF : 2846.3/2

Left Out: 1.167 ± 0.010 χ^2/NDF : 8267.0/9

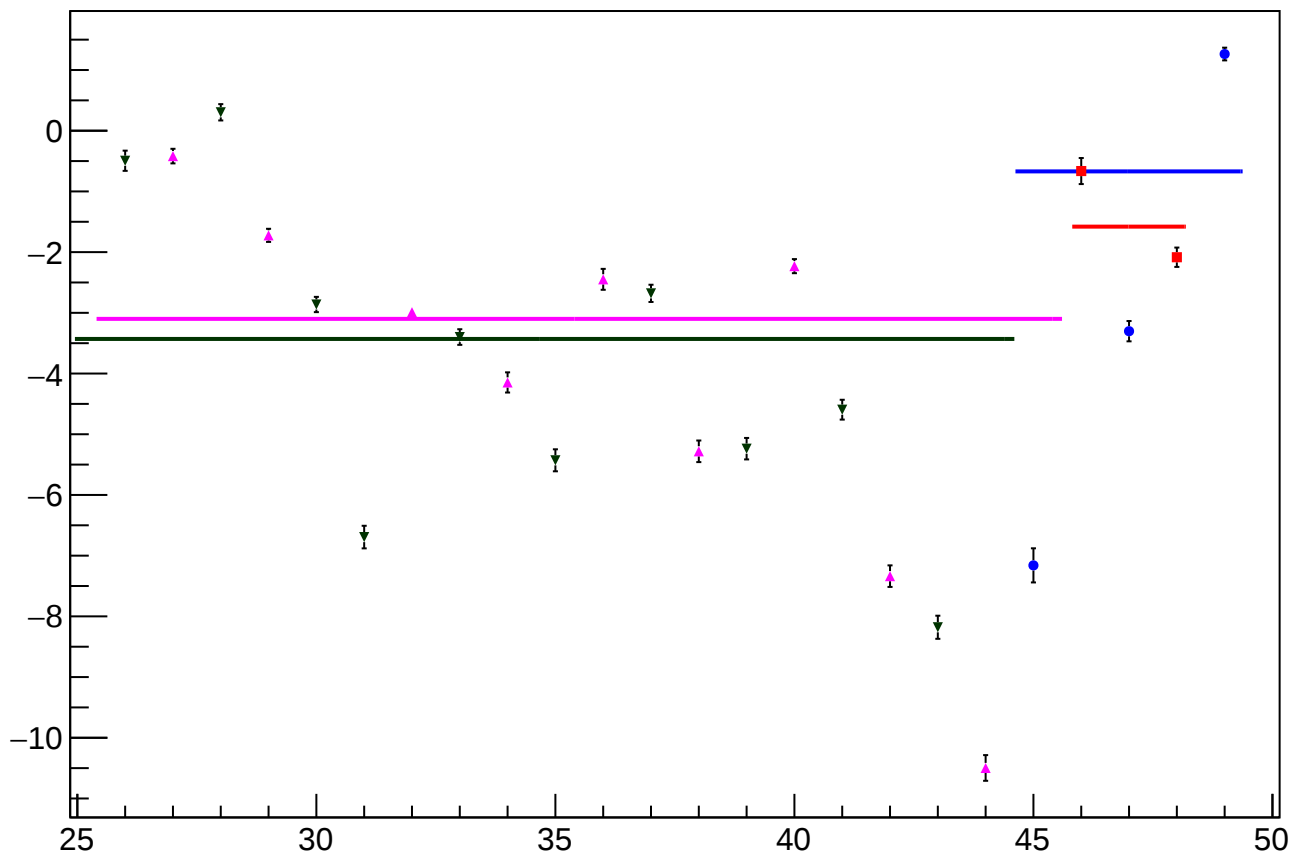
Right Out: -0.014 ± 0.030 χ^2/NDF : 861.3/1

Left In: 1.221 ± 0.011 χ^2/NDF : 8098.5/8

0.868 ± 0.009 χ^2/NDF : 15300.6/12

1.079 ± 0.010 χ^2/NDF : 10444.5/10

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -0.670 ± 0.085 χ^2/NDF : 1121.3/2

Left Out: -3.430 ± 0.049 χ^2/NDF : 2337.3/9

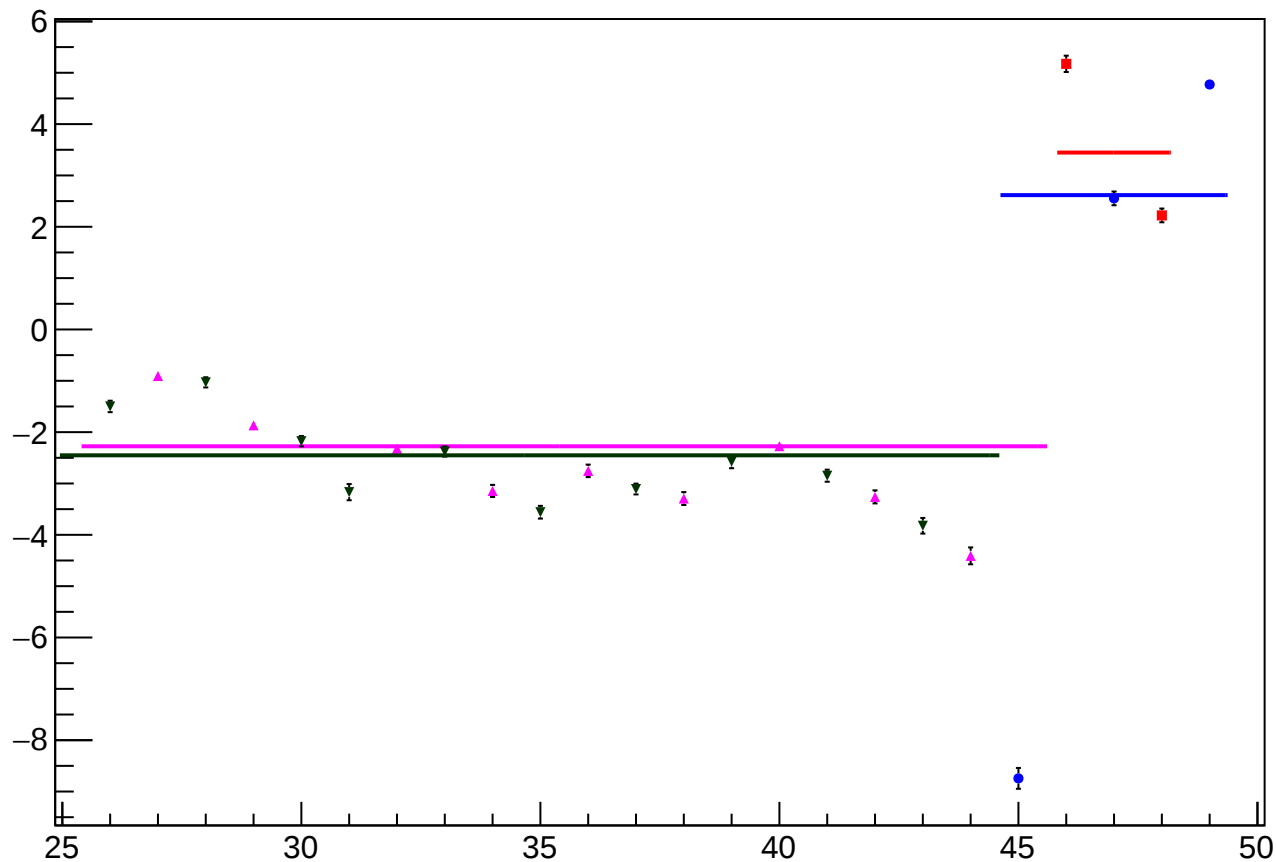
Right Out: -1.580 ± 0.128 χ^2/NDF : 28.2/1

Left In: -3.099 ± 0.043 χ^2/NDF : 2714.1/8

-2.743 ± 0.042 χ^2/NDF : 4257.0/12

-2.943 ± 0.041 χ^2/NDF : 2868.9/10

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 2.617 ± 0.069 $\chi^2/\text{NDF}: 3728.0/2$

Left Out: -2.451 ± 0.036 $\chi^2/\text{NDF}: 518.0/9$

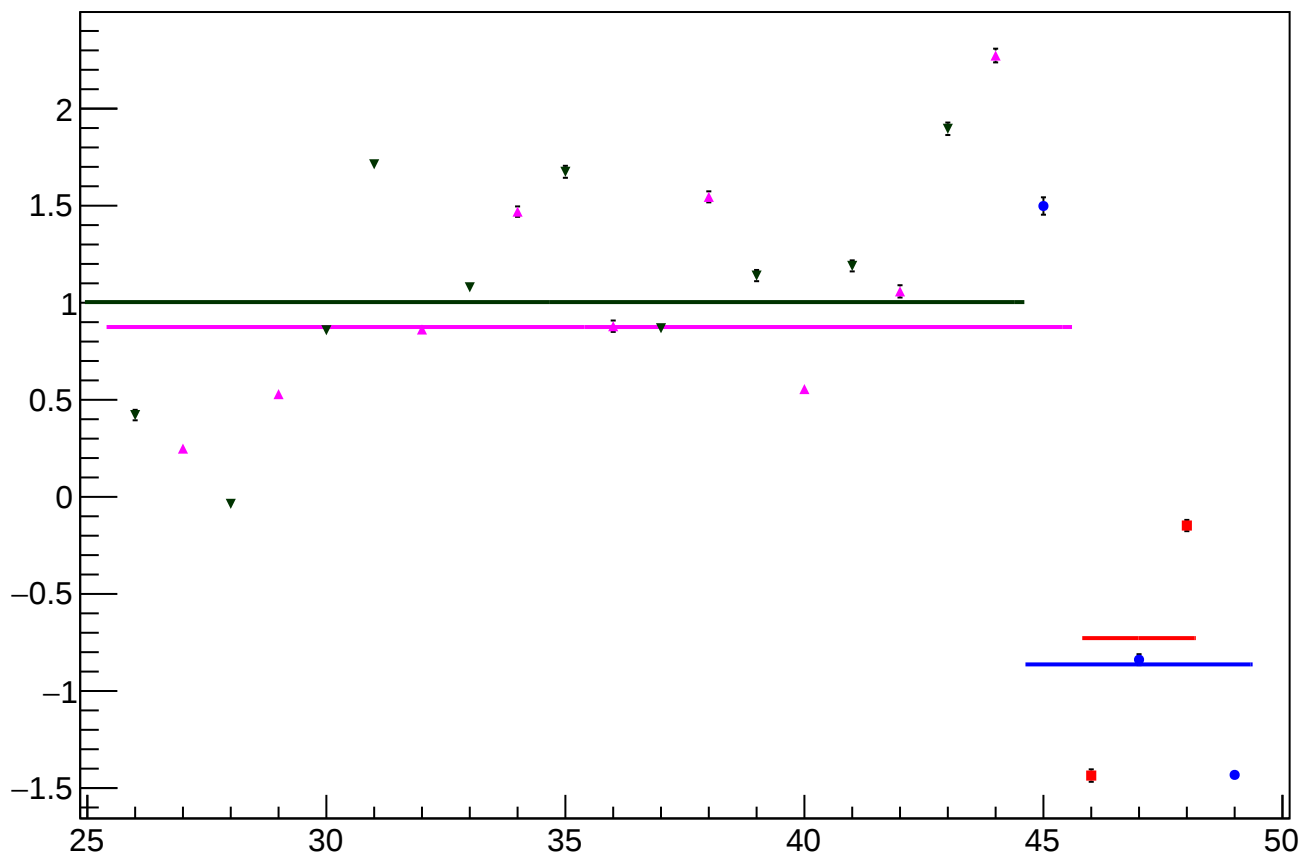
Right Out: 3.446 ± 0.103 $\chi^2/\text{NDF}: 201.3/1$

Left In: -2.276 ± 0.032 $\chi^2/\text{NDF}: 728.6/8$

-1.350 ± 0.032 $\chi^2/\text{NDF}: 8456.9/12$

-1.767 ± 0.031 $\chi^2/\text{NDF}: 3767.4/10$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.863+/-0.016 χ^2/NDF : 3464.2/2

Left Out: 1.003+/-0.008 χ^2/NDF : 4667.5/9

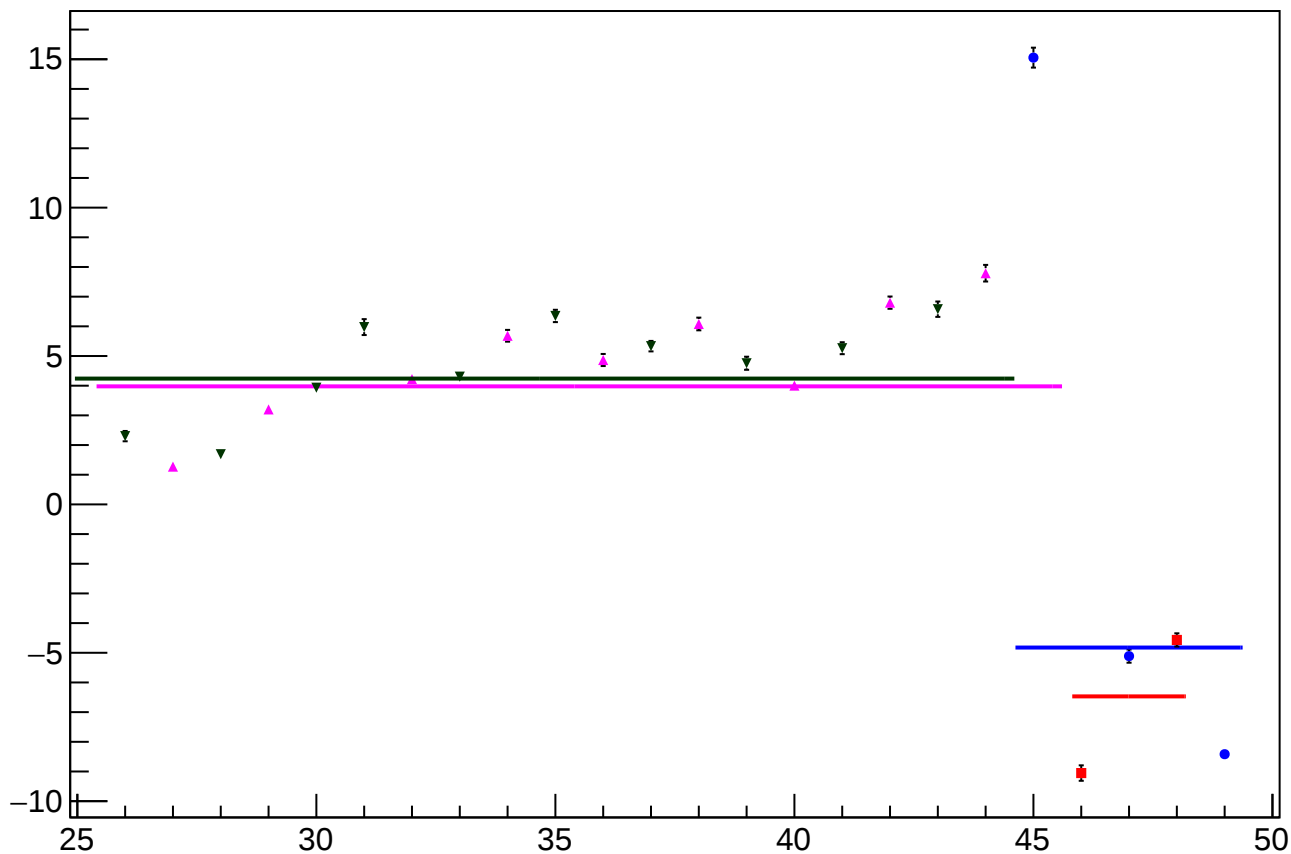
Right Out: -0.728+/-0.022 χ^2/NDF : 886.5/1

Left In: 0.875+/-0.007 χ^2/NDF : 3999.7/8

0.641+/-0.007 χ^2/NDF : 19005.0/12

0.709+/-0.007 χ^2/NDF : 9854.9/10

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -4.824+/-0.114 χ^2/NDF : 4115.2/2

Left Out: 4.240+/-0.060 χ^2/NDF : 692.9/9

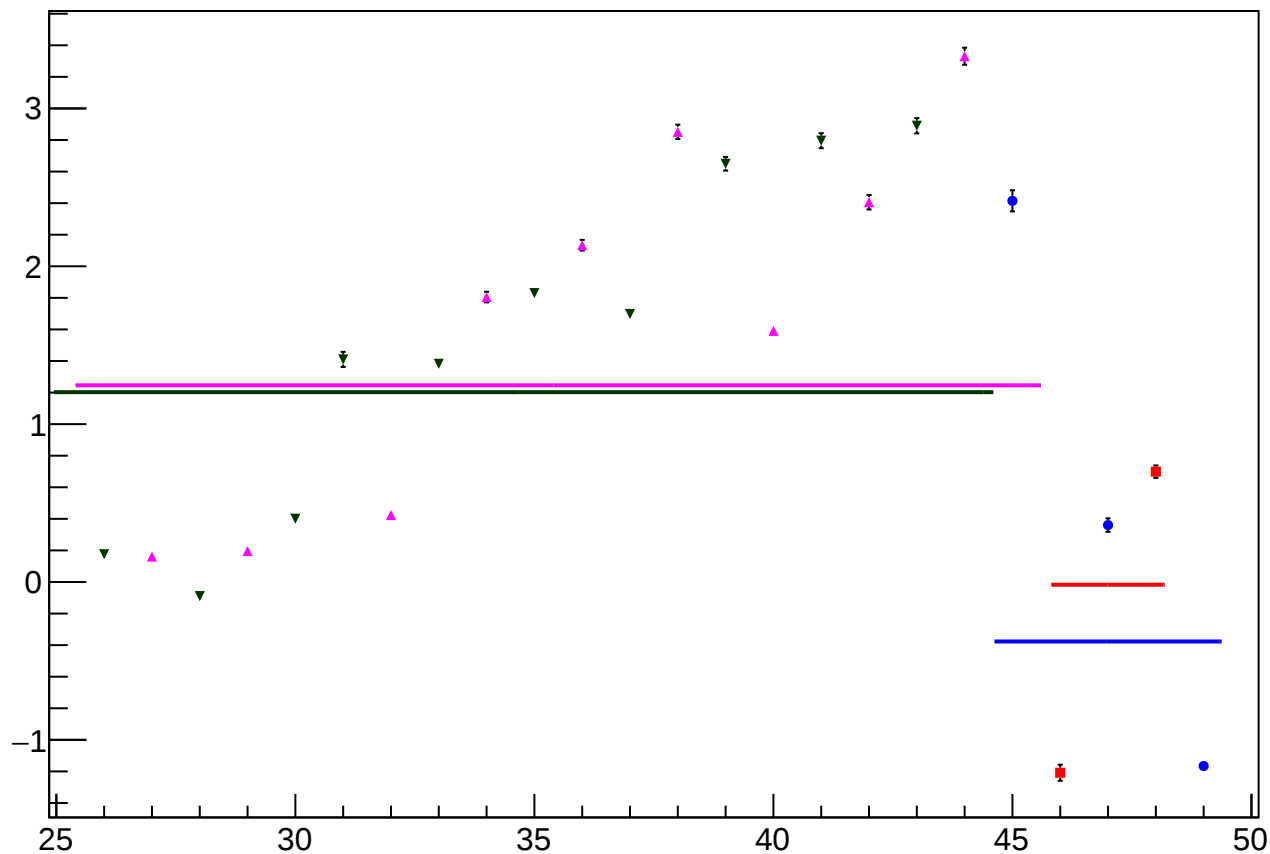
Right Out: -6.469+/-0.170 χ^2/NDF : 170.8/1

Left In: 3.978+/-0.053 χ^2/NDF : 1142.5/8

2.268+/-0.053 χ^2/NDF : 9725.8/12

3.048+/-0.051 χ^2/NDF : 4768.8/10

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.377+/-0.022 χ^2/NDF : 2841.1/2

Left Out: 1.203+/-0.011 χ^2/NDF : 8206.3/9

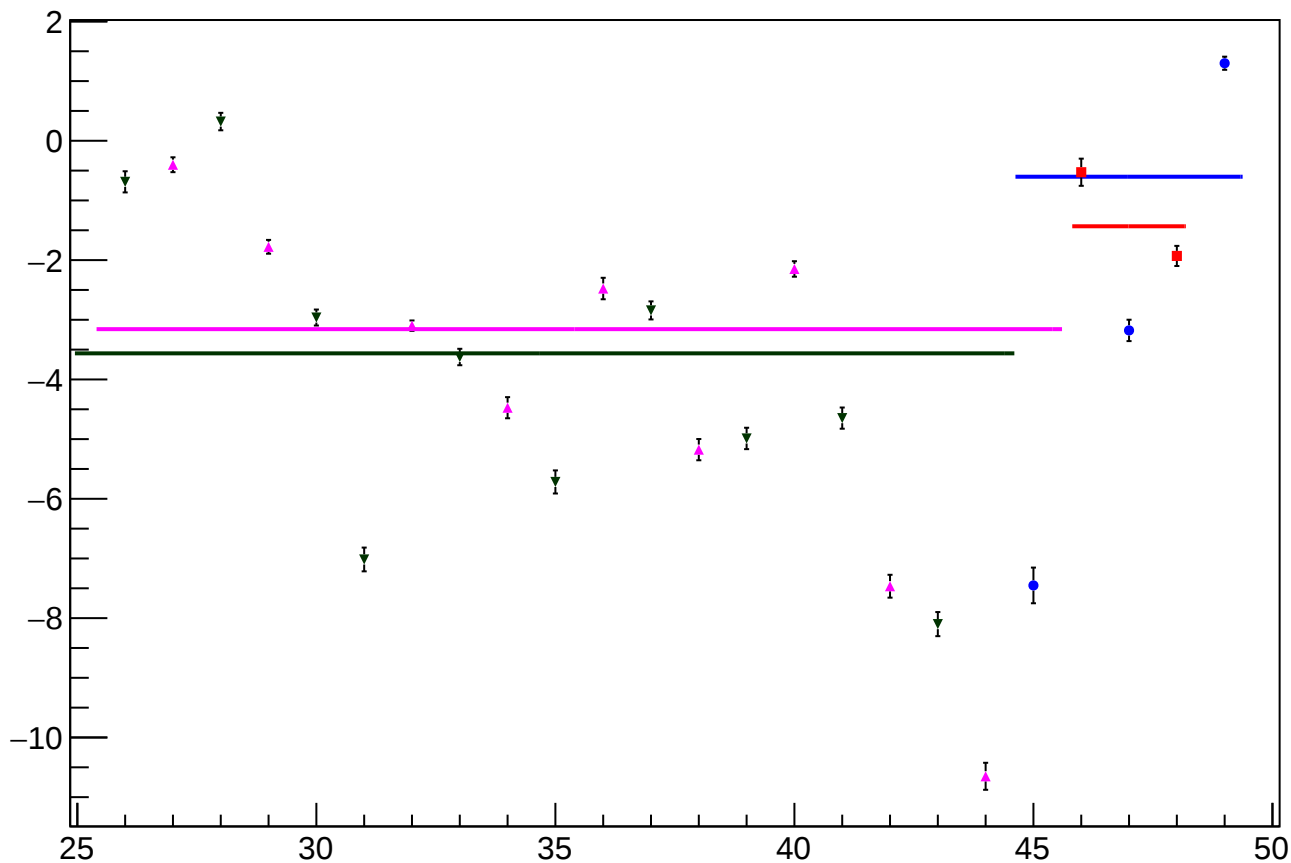
Right Out: -0.017+/-0.031 χ^2/NDF : 874.8/1

Left In: 1.246+/-0.011 χ^2/NDF : 8115.6/8

0.904+/-0.010 χ^2/NDF : 15231.8/12

1.106+/-0.010 χ^2/NDF : 10445.7/10

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -0.603 ± 0.089 χ^2/NDF : 1030.3/2

Left Out: -3.563 ± 0.052 χ^2/NDF : 2041.0/9

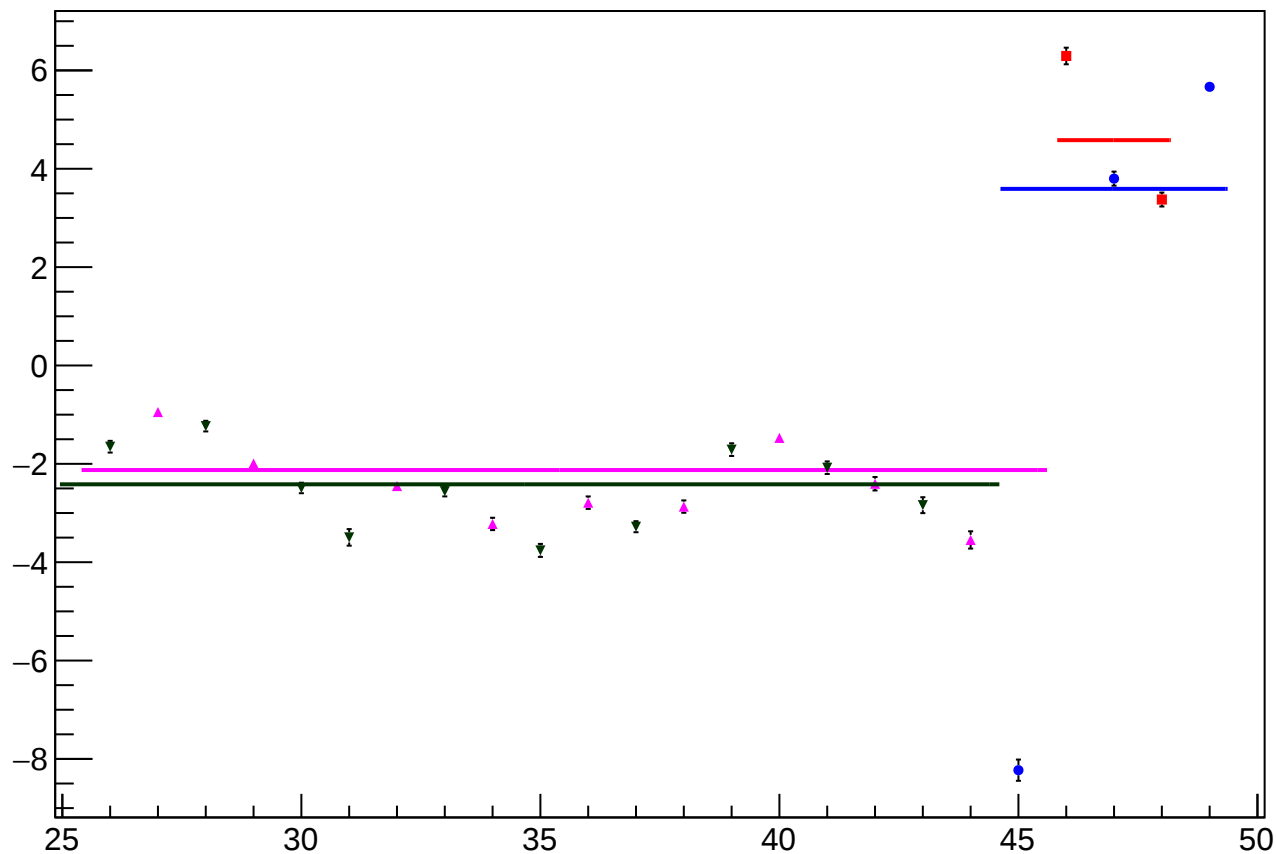
Right Out: -1.433 ± 0.135 χ^2/NDF : 24.5/1

Left In: -3.157 ± 0.046 χ^2/NDF : 2492.0/8

-2.815 ± 0.045 χ^2/NDF : 3889.5/12

-2.979 ± 0.044 χ^2/NDF : 2661.6/10

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 3.591+/-0.073 χ^2/NDF : 3499.1/2

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

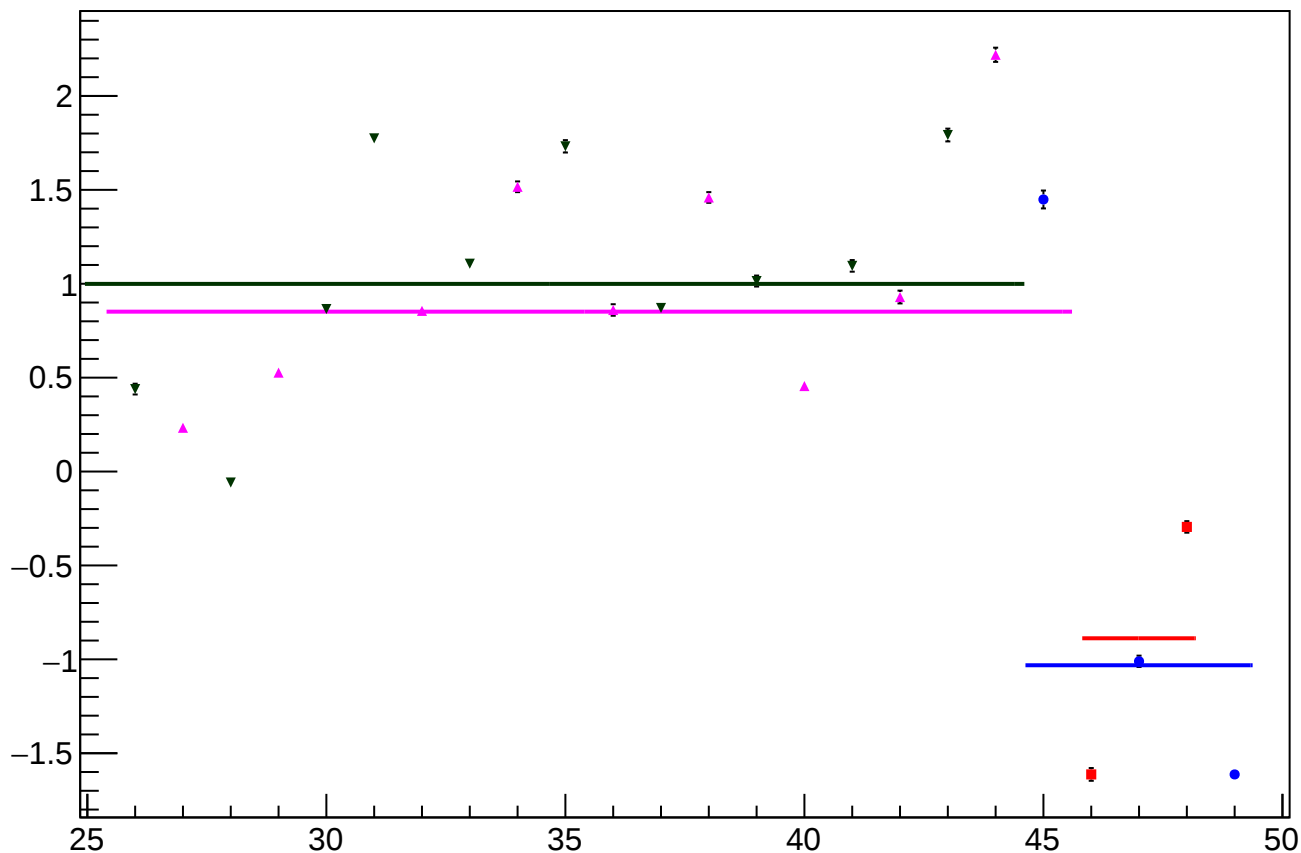
Right Out: 4.582+/-0.109 χ^2/NDF : 175.1/1

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-1.093+/-0.034 χ^2/NDF : 9180.2/12

-1.531+/-0.032 χ^2/NDF : 4160.0/10

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.032 ± 0.017 χ^2/NDF : 3361.3/2

Left Out: 0.999 ± 0.008 χ^2/NDF : 4096.0/9

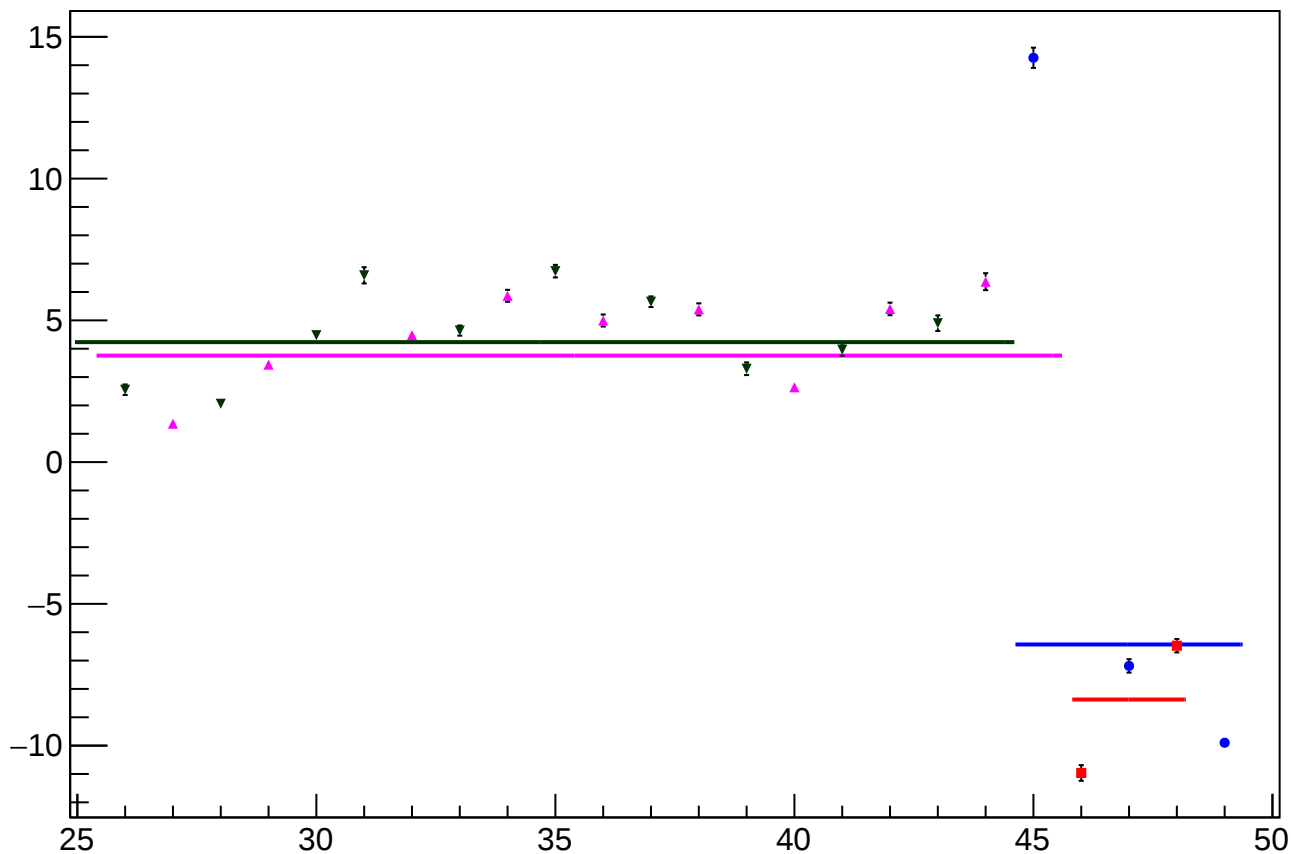
Right Out: -0.888 ± 0.023 χ^2/NDF : 826.1/1

Left In: 0.851 ± 0.008 χ^2/NDF : 3579.4/8

0.600 ± 0.008 χ^2/NDF : 18910.6/12

0.671 ± 0.007 χ^2/NDF : 9614.1/10

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -6.432+/-0.121 χ^2/NDF : 3880.6/2

Left Out: 4.232+/-0.064 χ^2/NDF : 531.4/9

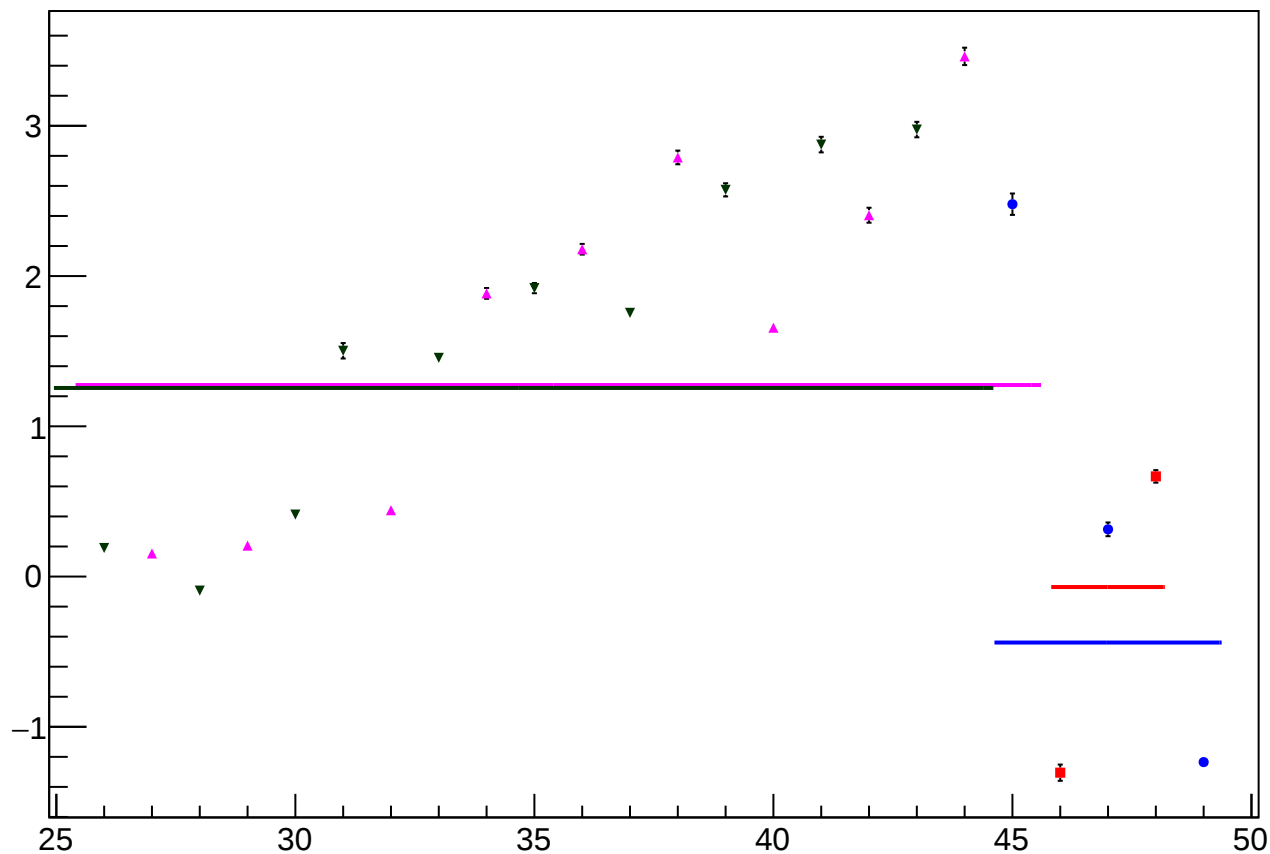
Right Out: -8.374+/-0.180 χ^2/NDF : 152.1/1

Left In: 3.757+/-0.056 χ^2/NDF : 807.8/8

1.878+/-0.057 χ^2/NDF : 10478.2/12

2.681+/-0.054 χ^2/NDF : 5111.2/10

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.439+/-0.023 χ^2/NDF : 2692.1/2

Left Out: 1.255+/-0.011 χ^2/NDF : 7468.2/9

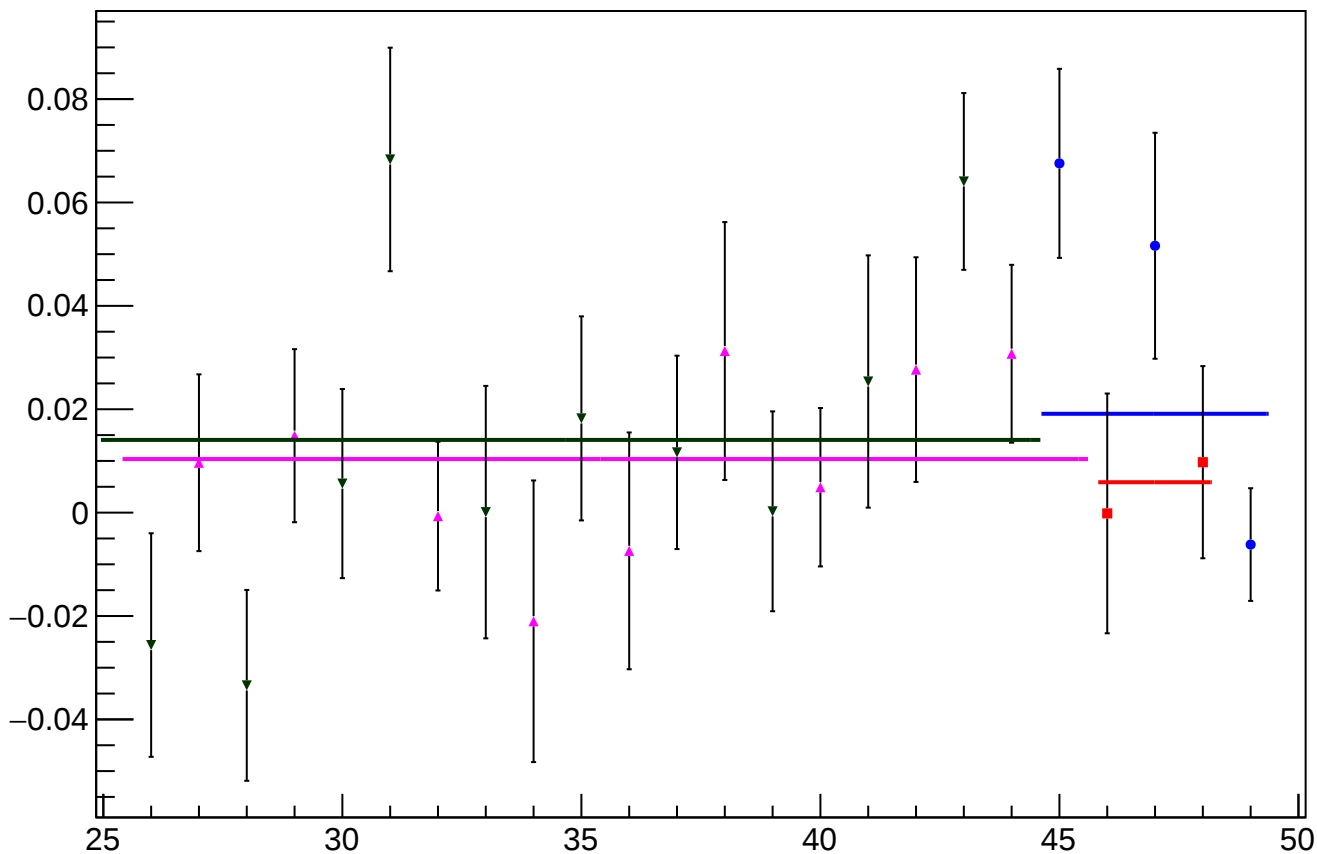
Right Out: -0.070+/-0.033 χ^2/NDF : 833.7/1

Left In: 1.275+/-0.012 χ^2/NDF : 7555.8/8

0.930+/-0.010 χ^2/NDF : 14449.6/12

1.125+/-0.011 χ^2/NDF : 9861.2/10

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.019 $\pm$ 0.009 χ^2 /NDF: 14.6/2

Left Out: 0.014 $\pm$ 0.006 χ^2 /NDF: 26.2/9

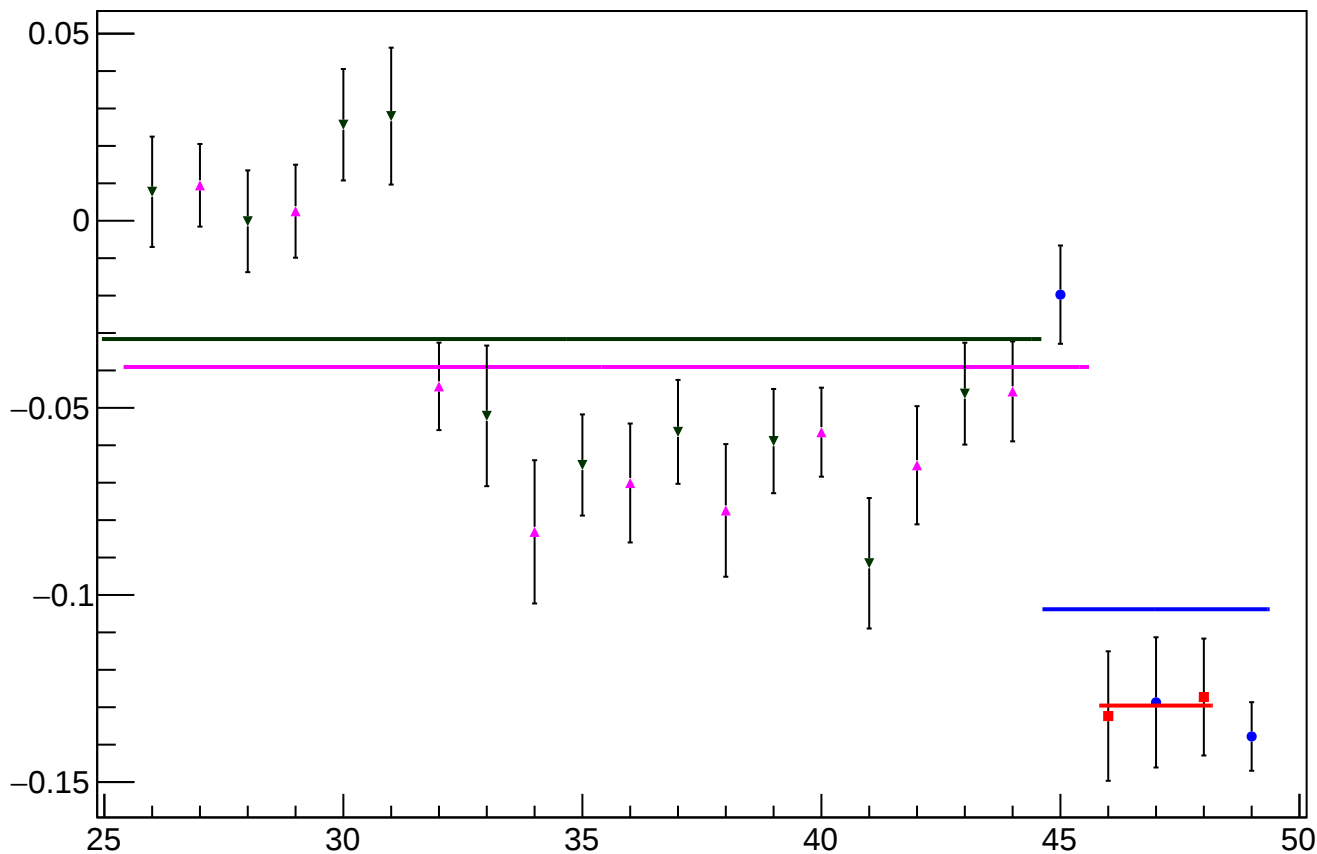
Right Out: 0.006 $\pm$ 0.015 χ^2 /NDF: 0.1/1

Left In: 0.010 $\pm$ 0.006 χ^2 /NDF: 5.5/8

0.016 $\pm$ 0.005 χ^2 /NDF: 41.0/12

0.010 $\pm$ 0.006 χ^2 /NDF: 5.6/10

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.104 ± 0.007 $\chi^2/\text{NDF}: 56.8/2$

Left Out: -0.032 ± 0.005 $\chi^2/\text{NDF}: 65.2/9$

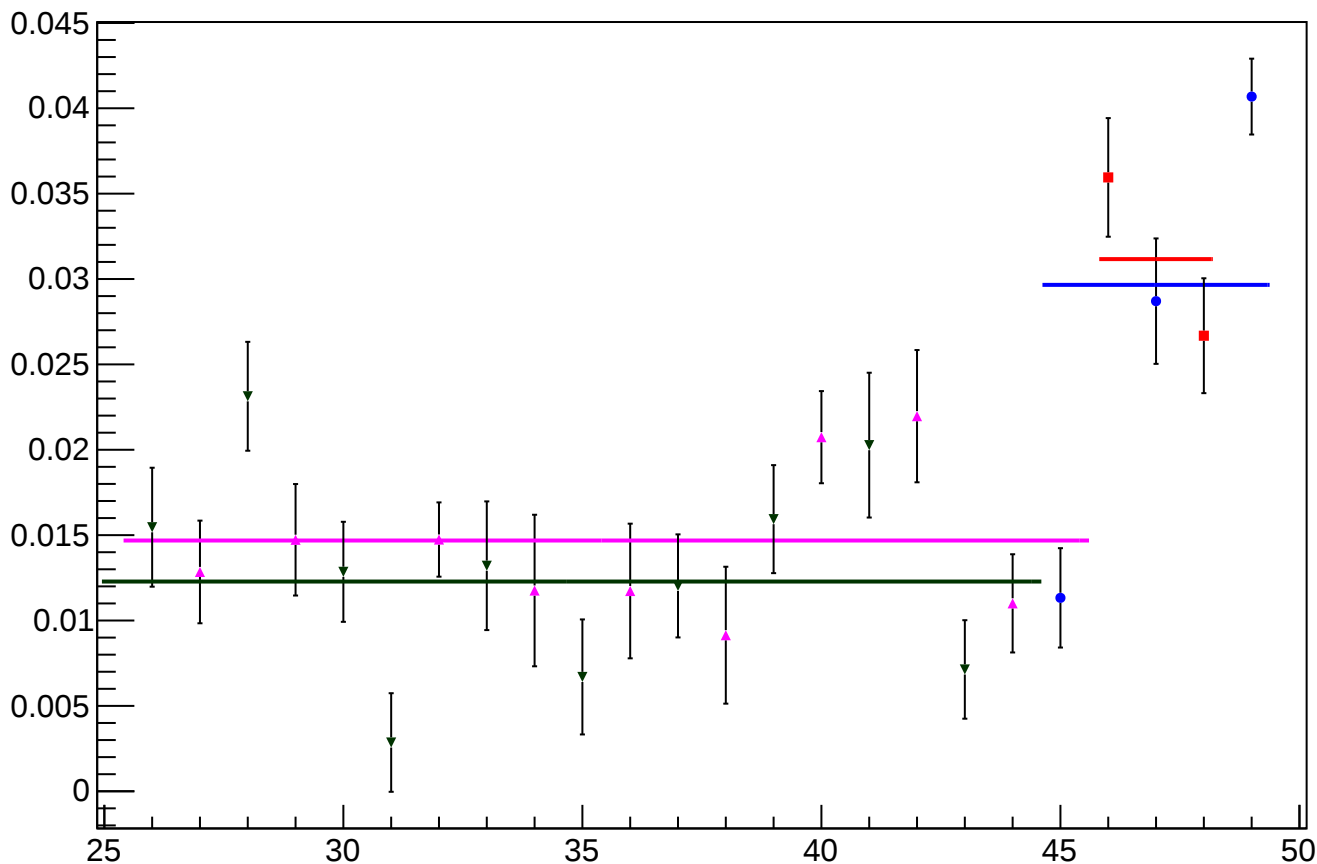
Right Out: -0.130 ± 0.012 $\chi^2/\text{NDF}: 0.0/1$

Left In: -0.039 ± 0.005 $\chi^2/\text{NDF}: 49.7/8$

-0.055 ± 0.004 $\chi^2/\text{NDF}: 196.6/12$

-0.051 ± 0.004 $\chi^2/\text{NDF}: 102.5/10$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.030 $\pm$ 0.002 χ^2 /NDF: 64.4/2

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

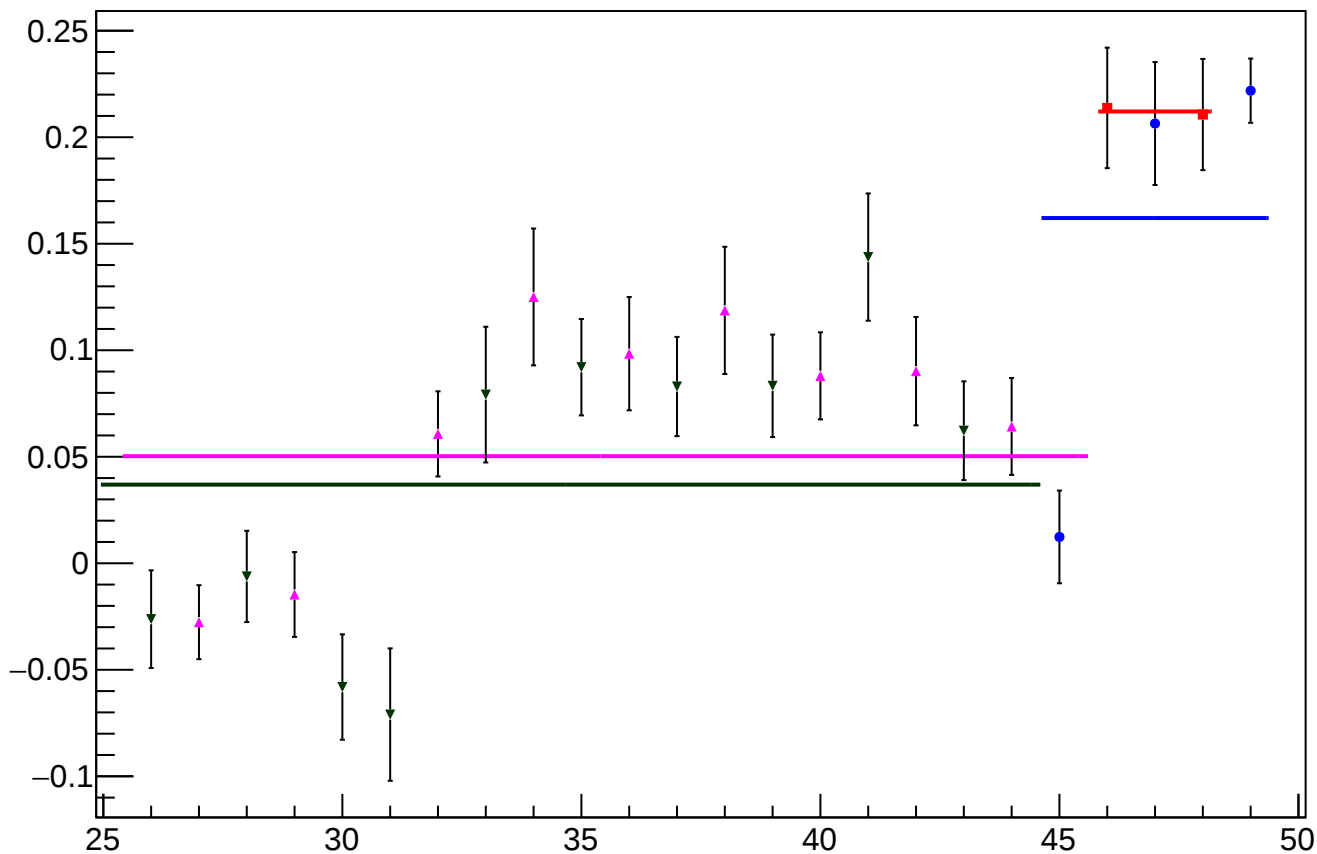
Right Out: 0.031 $\pm$ 0.002 χ^2 /NDF: 3.7/1

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.017 $\pm$ 0.001 χ^2 /NDF: 182.9/12

0.017 $\pm$ 0.001 χ^2 /NDF: 56.4/10

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.162 $\pm$ 0.011 χ^2 /NDF: 65.4/2

Left Out: 0.037 $\pm$ 0.008 χ^2 /NDF: 67.8/9

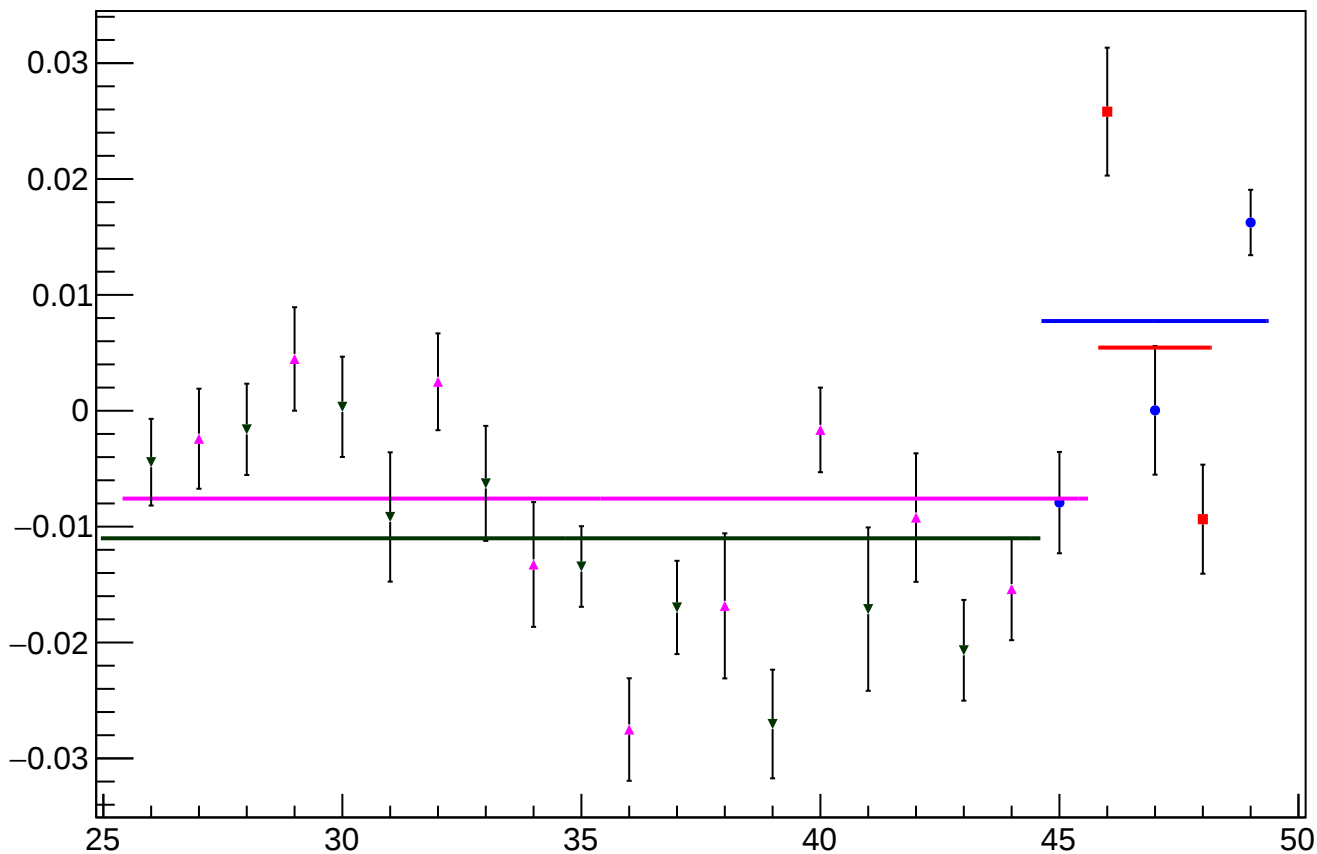
Right Out: 0.212 $\pm$ 0.019 χ^2 /NDF: 0.0/1

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.2/8

0.077 $\pm$ 0.006 χ^2 /NDF: 215.0/12

0.072 $\pm$ 0.007 χ^2 /NDF: 112.9/10

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.008+/-0.002 χ^2/NDF : 23.8/2

Left Out: -0.011+/-0.001 χ^2/NDF : 36.7/9

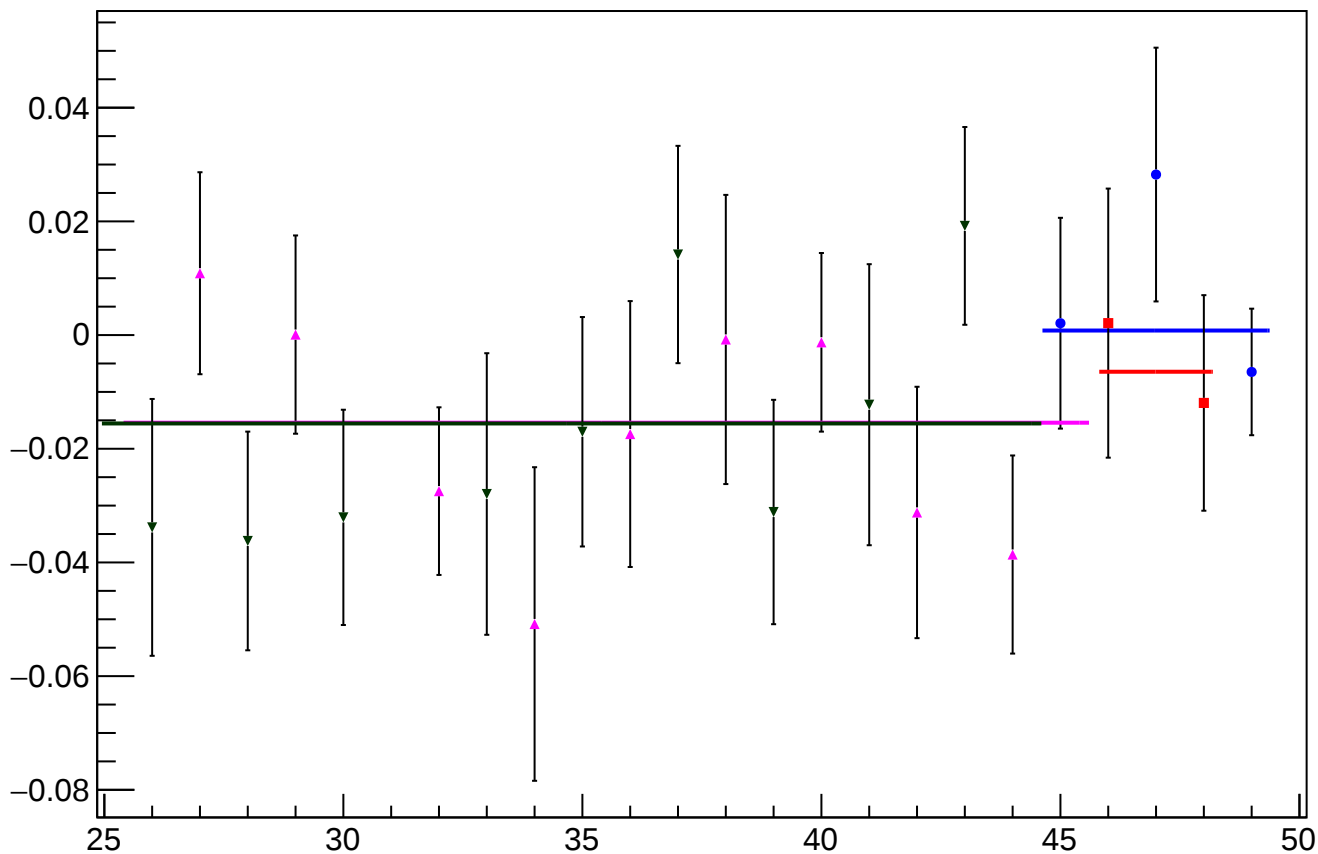
Right Out: 0.005+/-0.004 χ^2/NDF : 23.5/1

Left In: -0.008+/-0.002 χ^2/NDF : 44.0/8

-0.006+/-0.001 χ^2/NDF : 113.4/12

-0.006+/-0.001 χ^2/NDF : 78.7/10

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.001+/-0.009 χ^2/NDF : 1.9/2

Left Out: -0.016+/-0.007 χ^2/NDF : 9.9/8

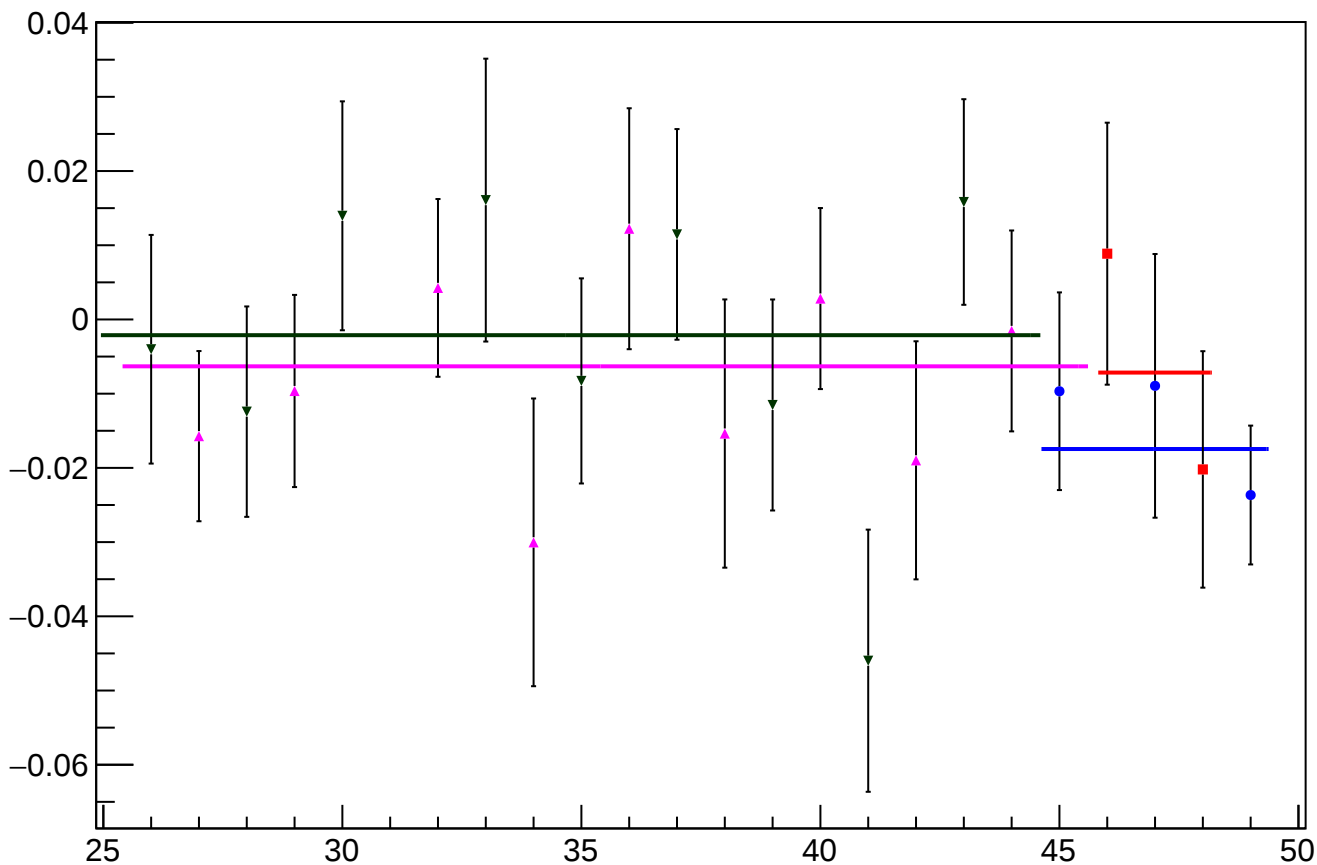
Right Out: -0.006+/-0.015 χ^2/NDF : 0.2/1

Left In: -0.015+/-0.006 χ^2/NDF : 8.7/8

-0.009+/-0.005 χ^2/NDF : 14.0/11

-0.014+/-0.006 χ^2/NDF : 9.3/10

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.017+/-0.007 χ^2/NDF : 1.0/2

Left Out: -0.002+/-0.005 χ^2/NDF : 11.9/8

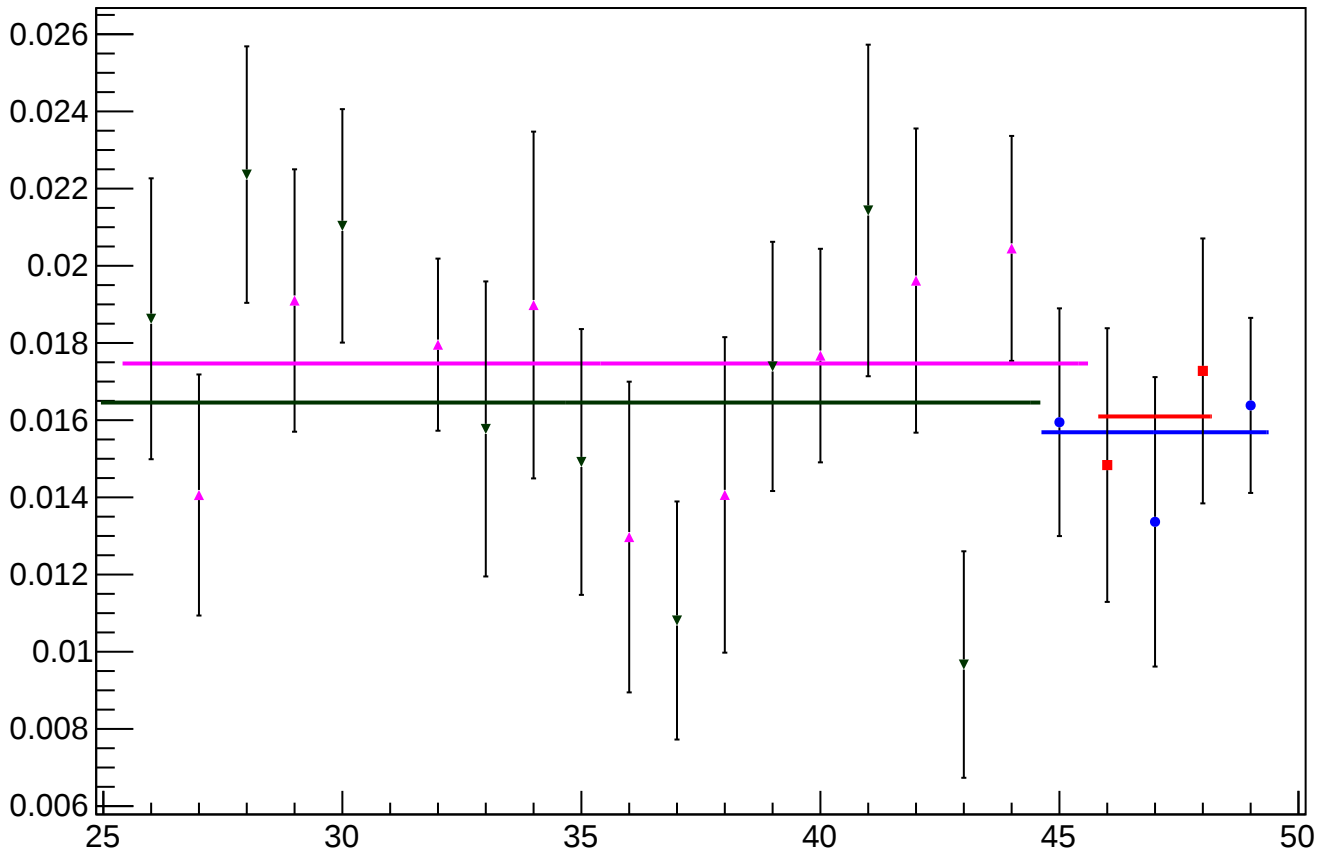
Right Out: -0.007+/-0.012 χ^2/NDF : 1.5/1

Left In: -0.006+/-0.005 χ^2/NDF : 5.9/8

-0.007+/-0.004 χ^2/NDF : 16.1/11

-0.006+/-0.004 χ^2/NDF : 7.4/10

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016+/-0.002 χ^2/NDF : 0.5/2

Left Out: 0.016+/-0.001 χ^2/NDF : 16.2/8

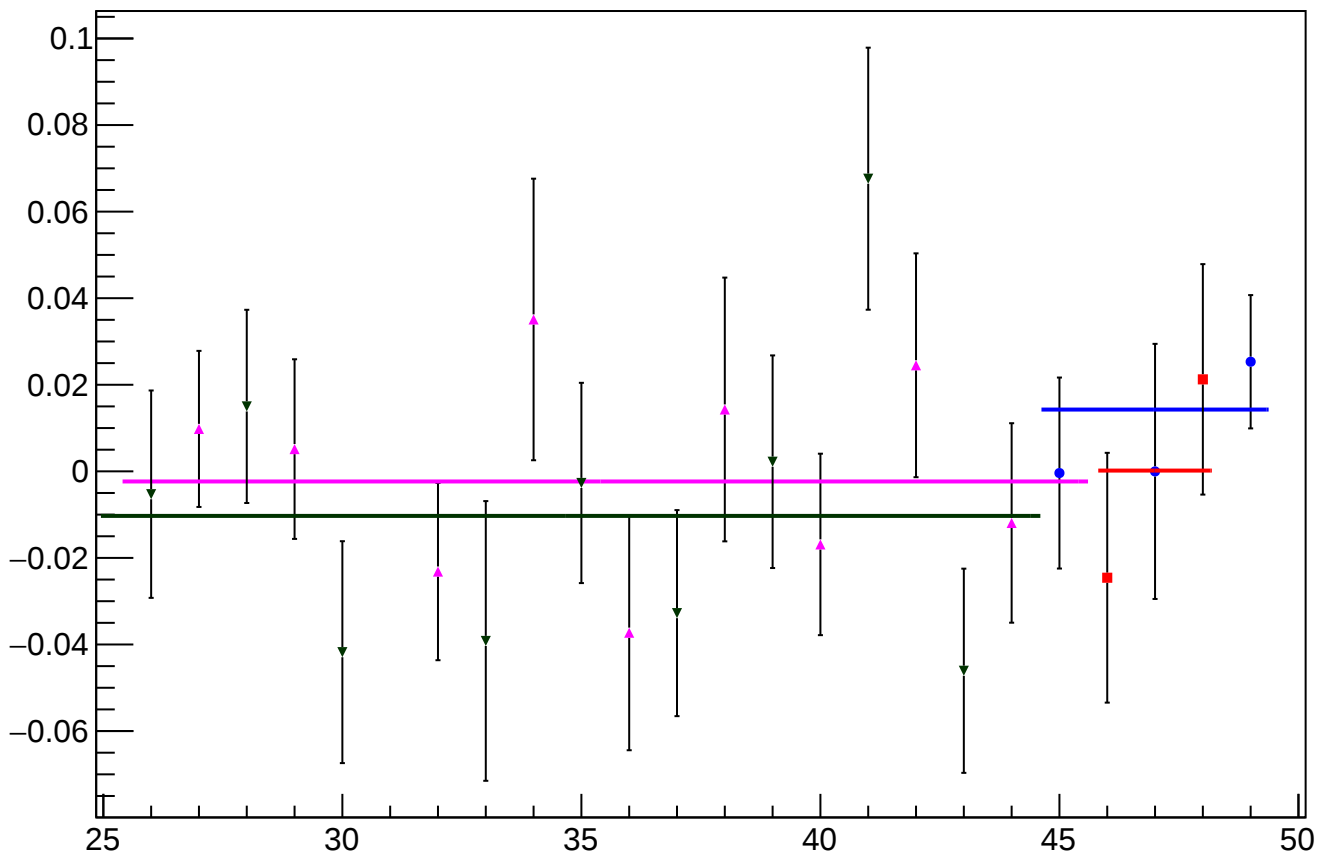
Right Out: 0.016+/-0.002 χ^2/NDF : 0.2/1

Left In: 0.017+/-0.001 χ^2/NDF : 4.9/8

0.016+/-0.001 χ^2/NDF : 16.8/11

0.017+/-0.001 χ^2/NDF : 5.4/10

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.014+/-0.012 χ^2/NDF : 1.2/2

Left Out: -0.010+/-0.008 χ^2/NDF :13.8/8

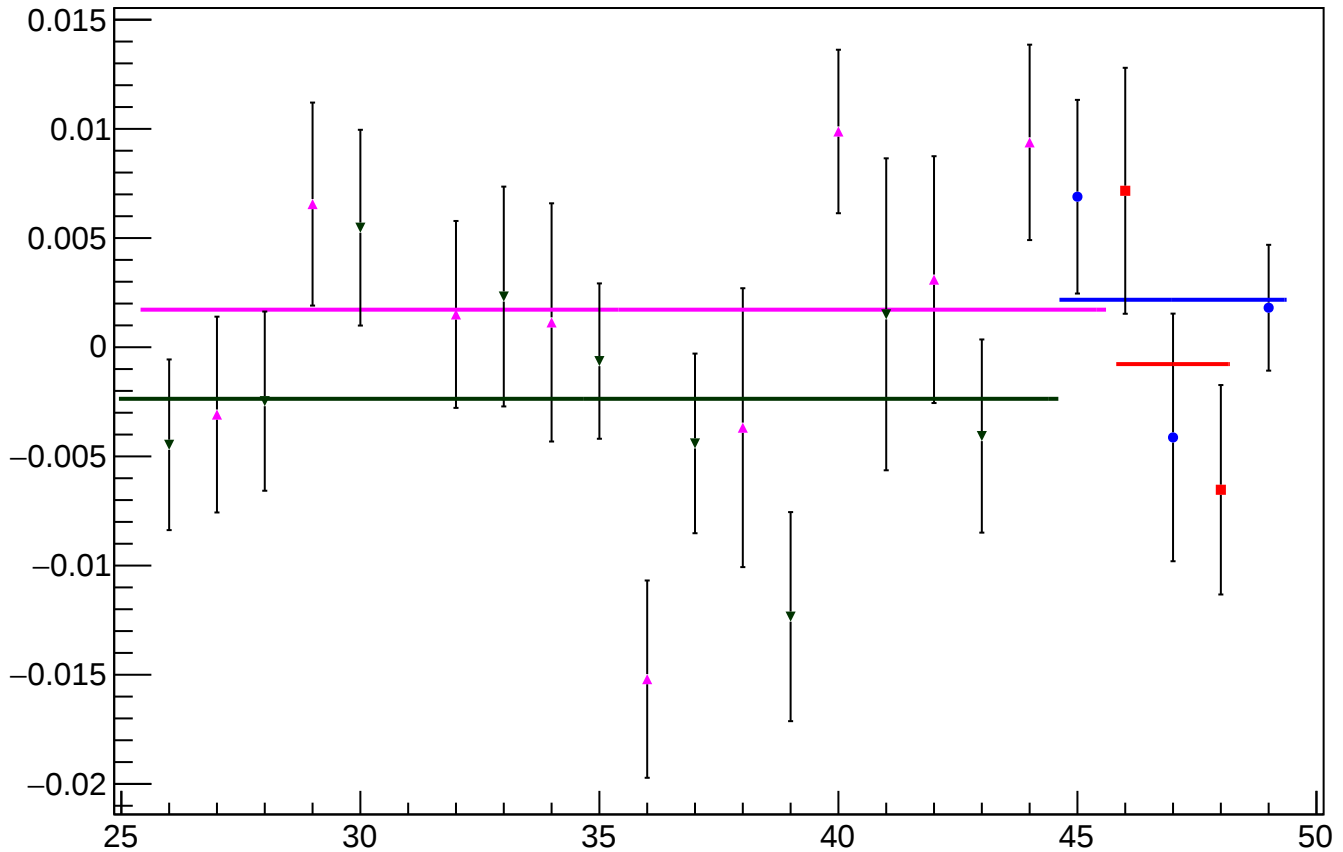
Right Out: 0.000+/-0.020 χ^2/NDF : 1.4/1

Left In: -0.002+/-0.008 χ^2/NDF :6.6/8

-0.002+/-0.007 χ^2/NDF : 18.0/11

-0.002+/-0.007 χ^2/NDF : 8.0/10

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002+/-0.002 χ^2/NDF : 2.4/2

Left Out: -0.002+/-0.001 χ^2/NDF : 9.5/8

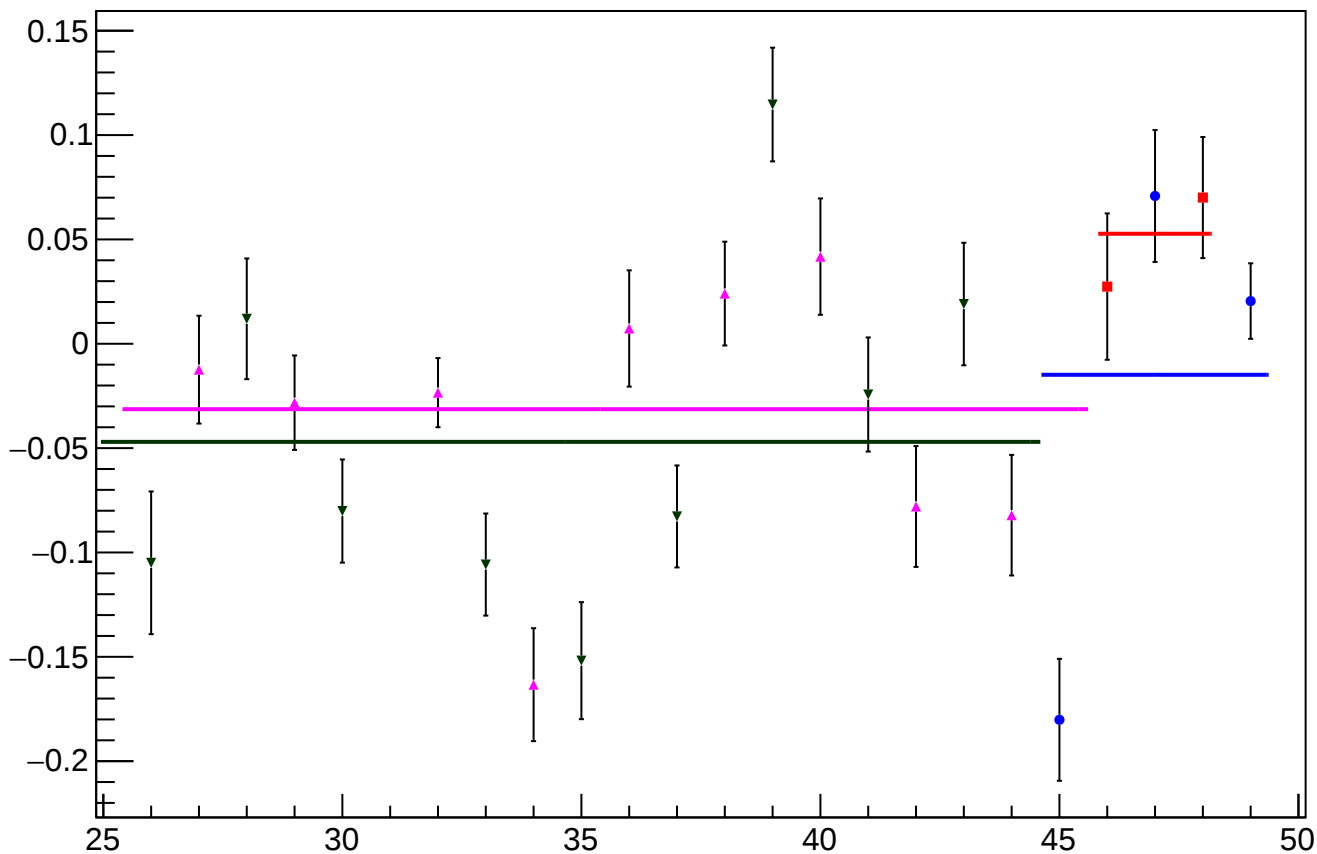
Right Out: -0.001+/-0.004 χ^2/NDF : 3.4/1

Left In: 0.002+/-0.002 χ^2/NDF : 24.7/8

-0.001+/-0.001 χ^2/NDF : 14.8/11

0.001+/-0.001 χ^2/NDF : 28.5/10

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.015+/-0.014 χ^2 /NDF: 43.2/2

Left Out: -0.047+/-0.009 χ^2 /NDF: 71.7/8

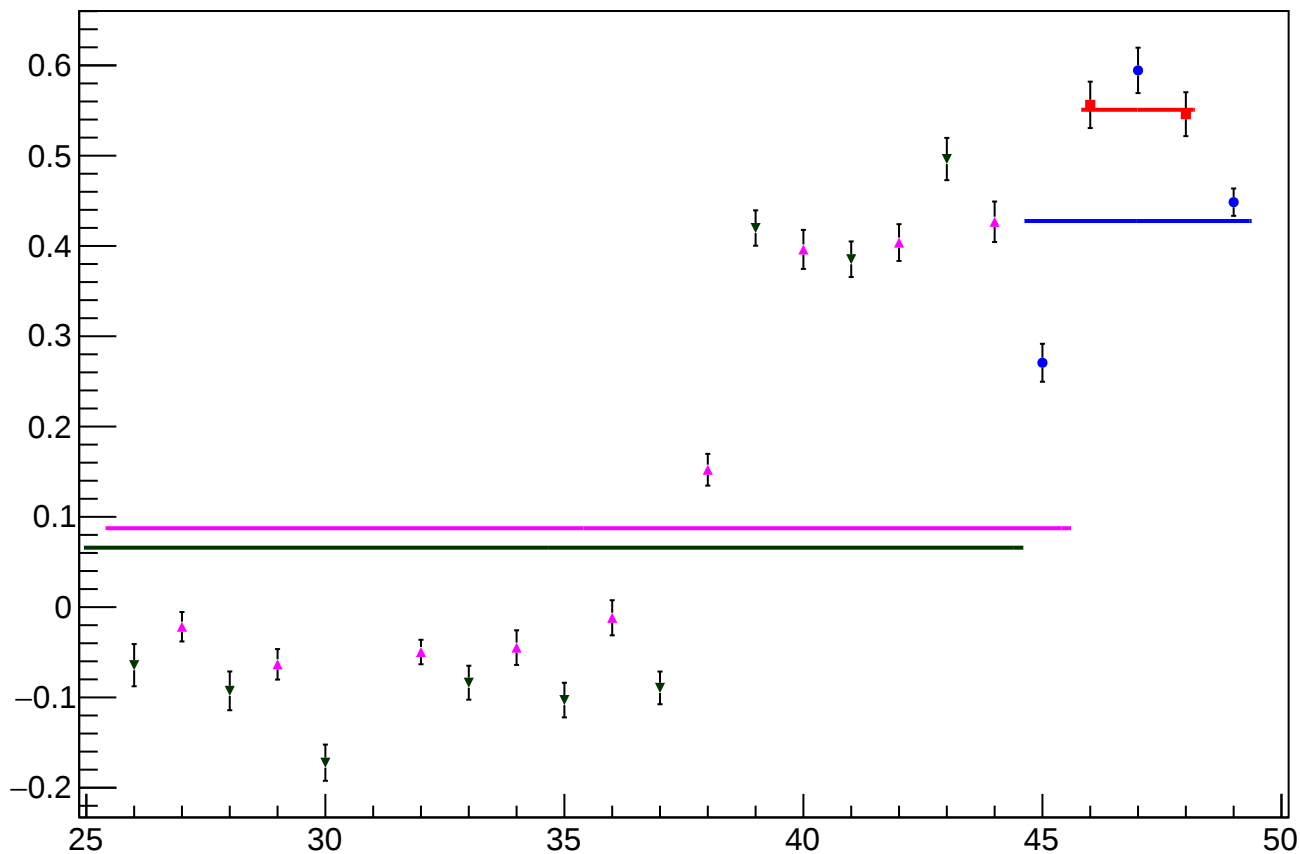
Right Out: 0.053+/-0.022 χ^2 /NDF: 0.9/1

Left In: -0.031+/-0.008 χ^2 /NDF: 44.0/8

-0.037+/-0.008 χ^2 /NDF: 118.6/11

-0.021+/-0.008 χ^2 /NDF: 57.4/10

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.428 $\pm$ 0.011 χ^2/NDF : 101.6/2

Left Out: 0.066 $\pm$ 0.007 χ^2/NDF :1368.1/8

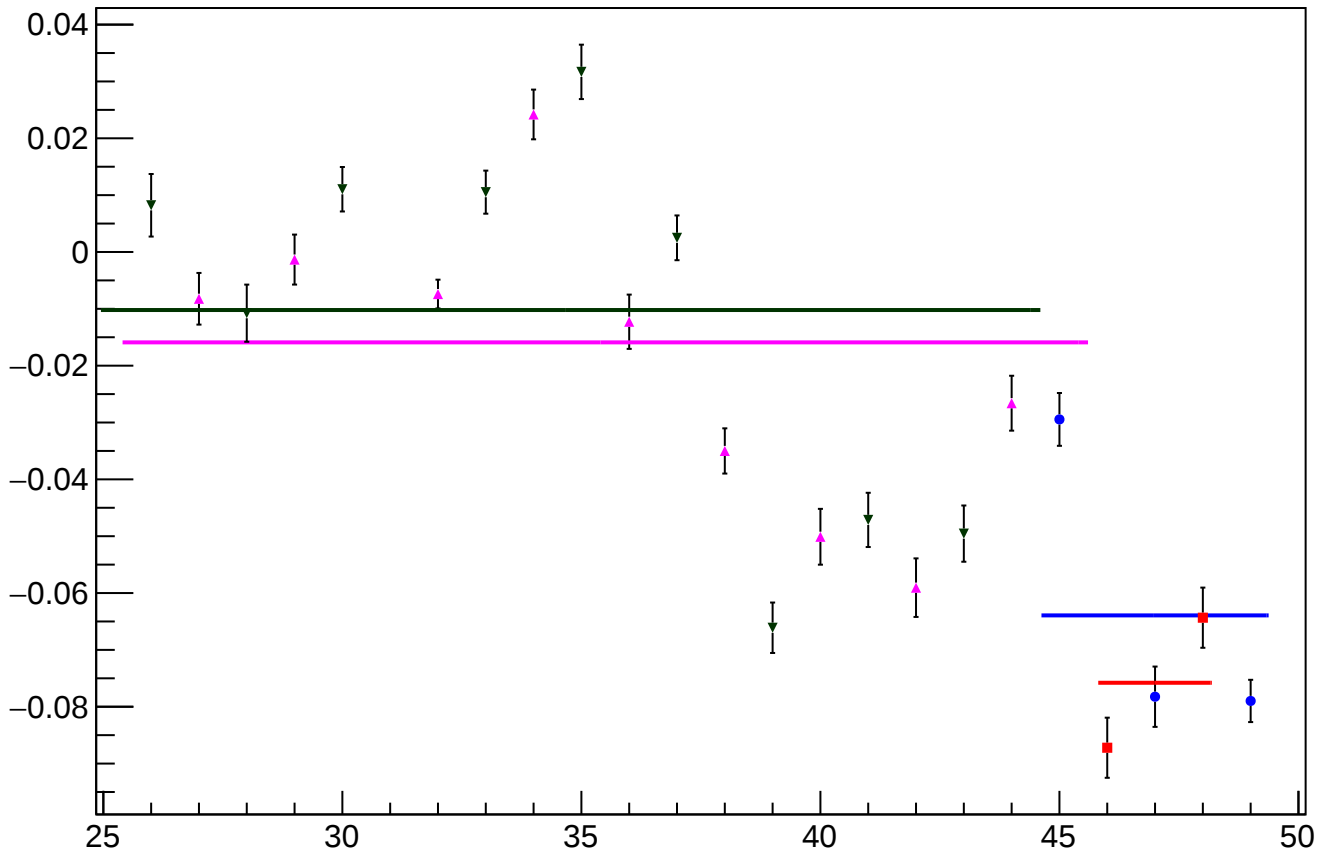
Right Out: 0.551 $\pm$ 0.018 χ^2/NDF : 0.1/1

Left In: 0.087 $\pm$ 0.006 χ^2/NDF :988.4/8

0.164 $\pm$ 0.006 χ^2/NDF : 2252.1/11

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: -0.064±/0.003 χ^2/NDF : 78.7/2

Left Out: -0.010±/0.001 χ^2/NDF : 439.6/8

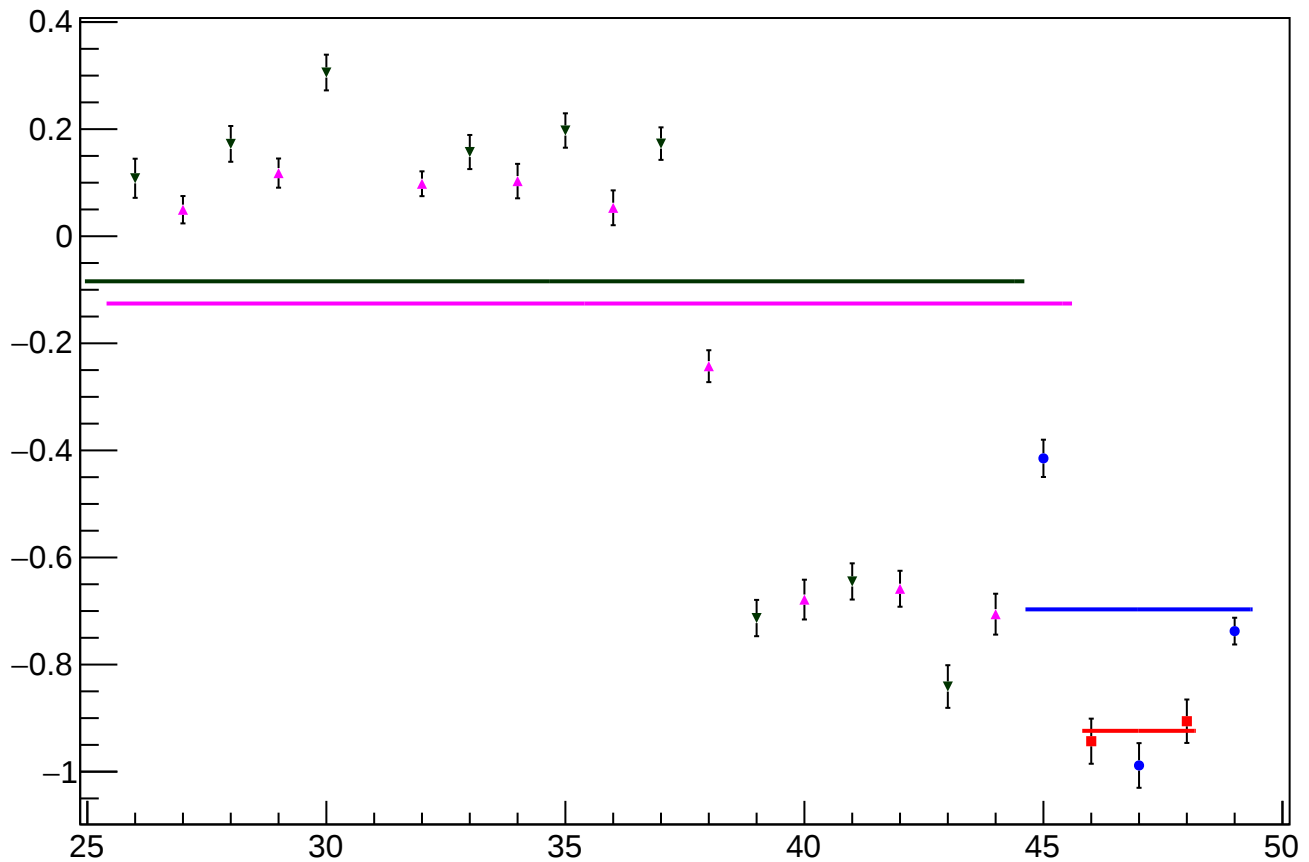
Right Out: -0.076±/0.004 χ^2/NDF : 9.3/1

Left In: -0.016±/0.001 χ^2/NDF : 256.4/8

-0.024±/0.001 χ^2/NDF : 850.1/11

-0.023±/0.001 χ^2/NDF : 491.9/10

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.697 ± 0.018 $\chi^2/\text{NDF}: 117.1/2$

Left Out: -0.084 ± 0.011 $\chi^2/\text{NDF}: 1409.4/8$

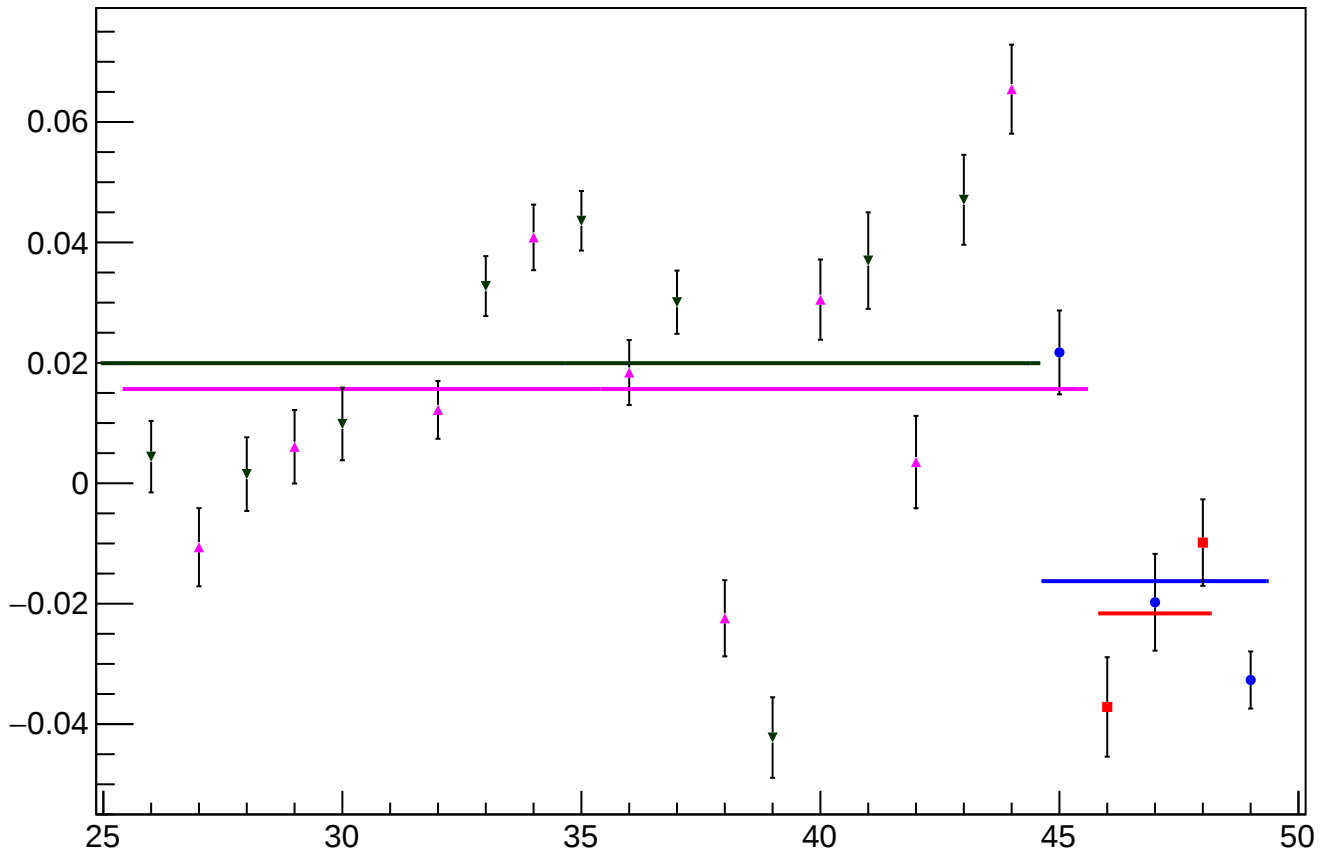
Right Out: -0.924 ± 0.029 $\chi^2/\text{NDF}: 0.4/1$

Left In: -0.126 ± 0.010 $\chi^2/\text{NDF}: 1020.3/8$

-0.252 ± 0.010 $\chi^2/\text{NDF}: 2345.0/11$

-0.209 ± 0.009 $\chi^2/\text{NDF}: 1688.9/10$

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.016+/-0.004 χ^2/NDF : 41.9/2

Left Out: 0.020+/-0.002 χ^2/NDF :156.1/8

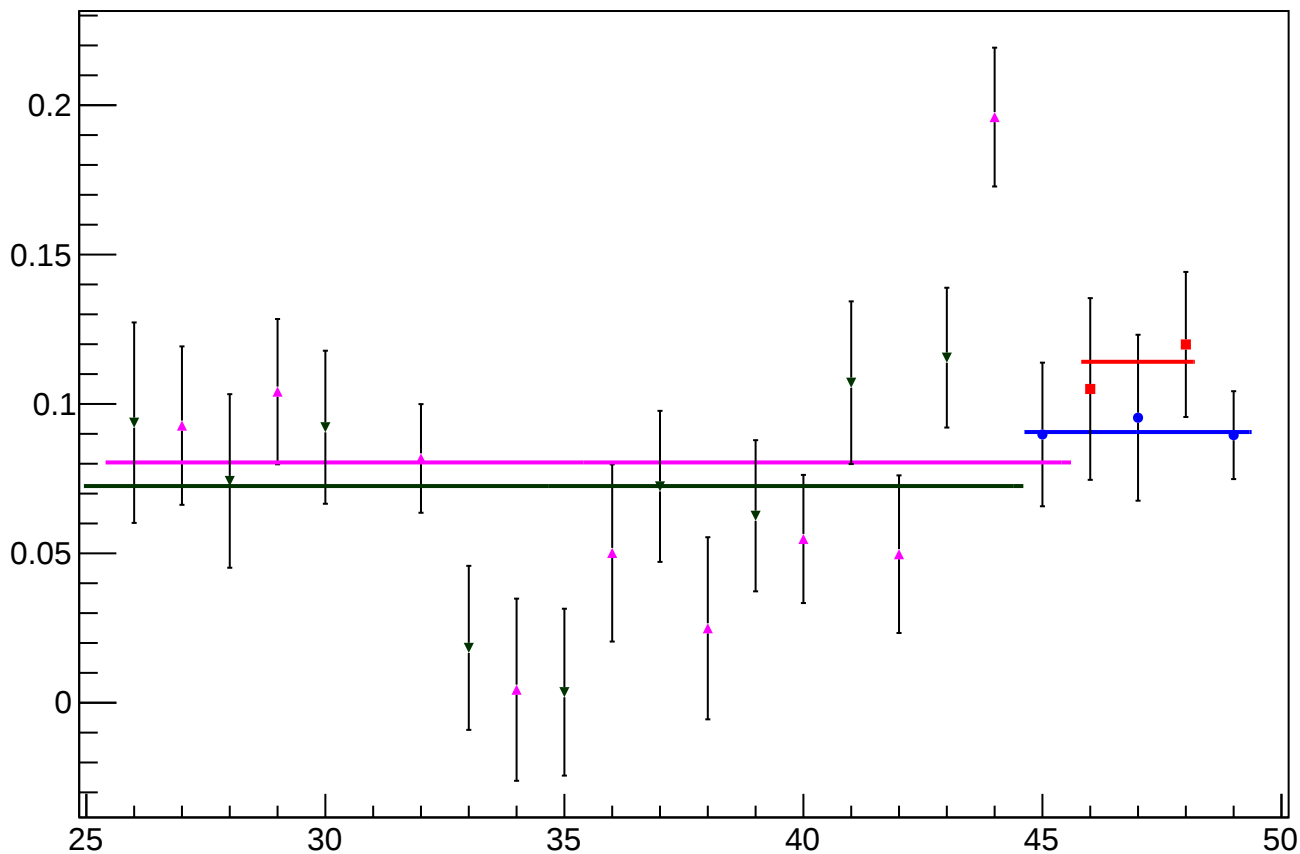
Right Out: -0.022+/-0.005 χ^2/NDF : 6.2/1

Left In: 0.016+/-0.002 χ^2/NDF :130.2/8

0.011+/-0.002 χ^2/NDF : 278.3/11

0.011+/-0.002 χ^2/NDF : 177.9/10

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.091 ± 0.011 χ^2/NDF : 0.0/2

Left Out: 0.073 ± 0.009 χ^2/NDF : 16.1/8

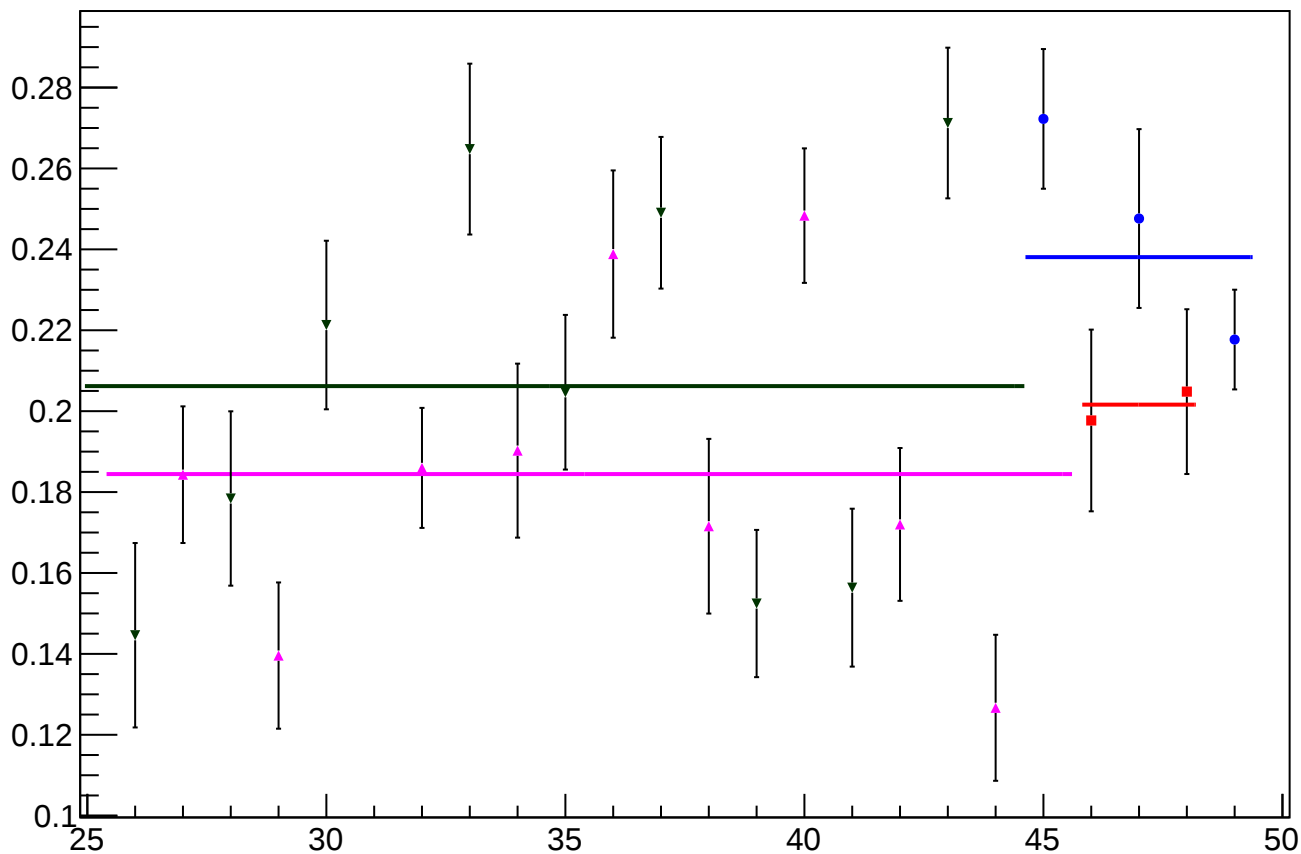
Right Out: 0.114 ± 0.019 χ^2/NDF : 0.1/1

Left In: 0.080 ± 0.008 χ^2/NDF : 39.3/8

0.079 ± 0.007 χ^2/NDF : 17.7/11

0.086 ± 0.008 χ^2/NDF : 42.1/10

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.238 $\pm$ 0.009 χ^2/NDF : 6.8/2

Left Out: 0.206 $\pm$ 0.007 χ^2/NDF : 49.8/8

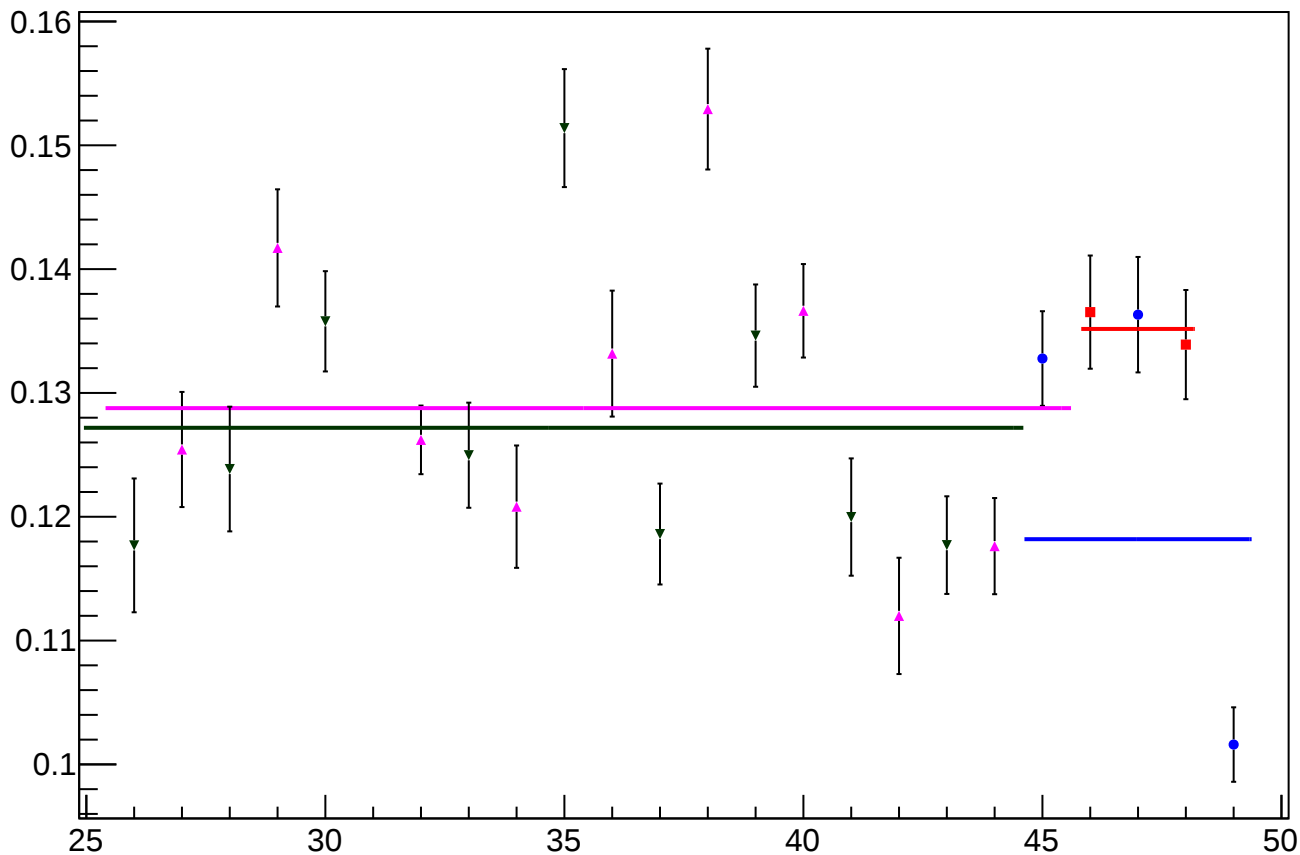
Right Out: 0.202 $\pm$ 0.015 χ^2/NDF : 0.1/1

Left In: 0.184 $\pm$ 0.006 χ^2/NDF : 39.0/8

0.217 $\pm$ 0.005 χ^2/NDF : 64.7/11

0.187 $\pm$ 0.006 χ^2/NDF : 40.1/10

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.118 $\pm$ 0.002 χ^2 /NDF: 60.1/2

Left Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 49.9/8

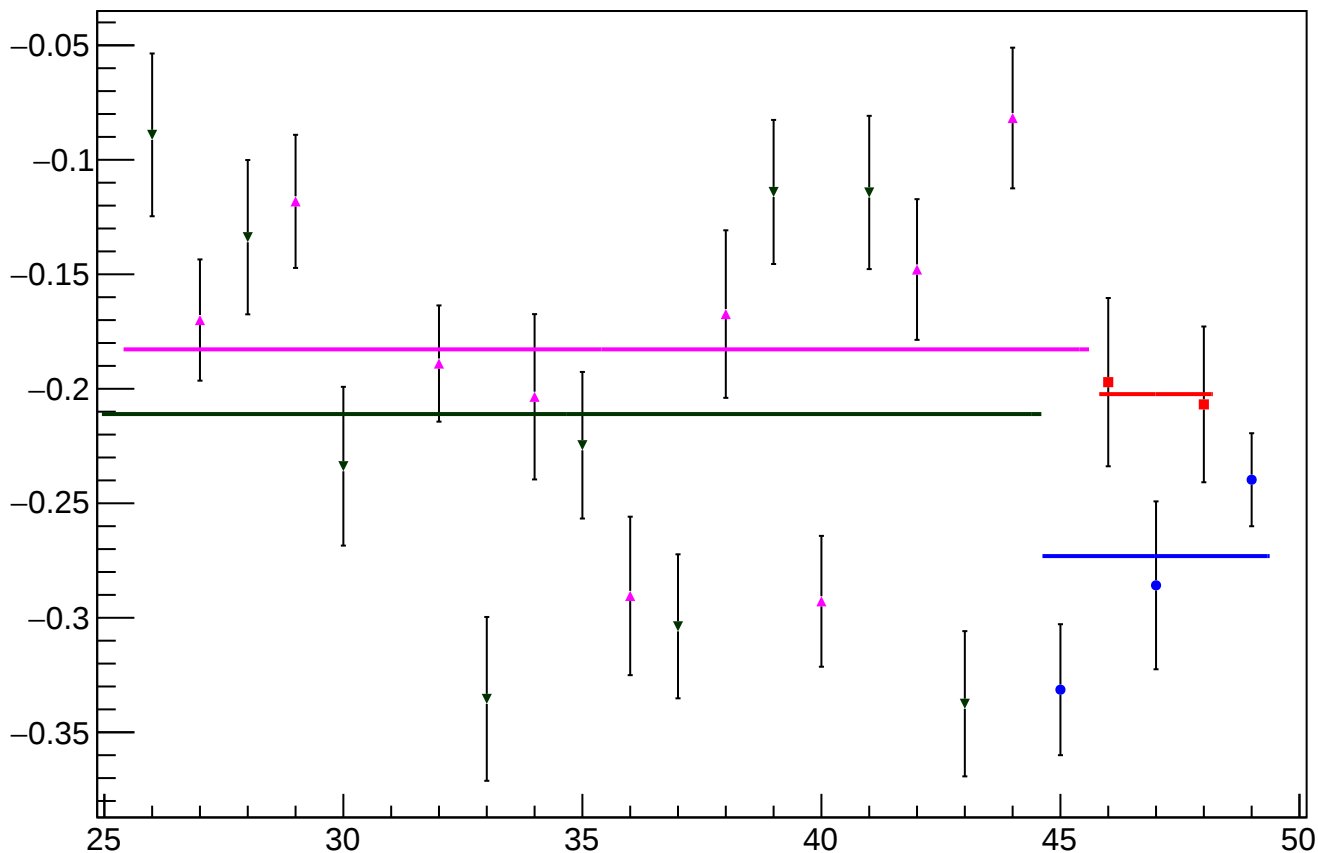
Right Out: 0.135 $\pm$ 0.003 χ^2 /NDF: 0.2/1

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.124 $\pm$ 0.001 χ^2 /NDF: 122.3/11

0.130 $\pm$ 0.001 χ^2 /NDF: 65.6/10

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.273+/-0.015 χ^2/NDF : 7.0/2

Left Out: -0.211+/-0.011 χ^2/NDF : 72.2/8

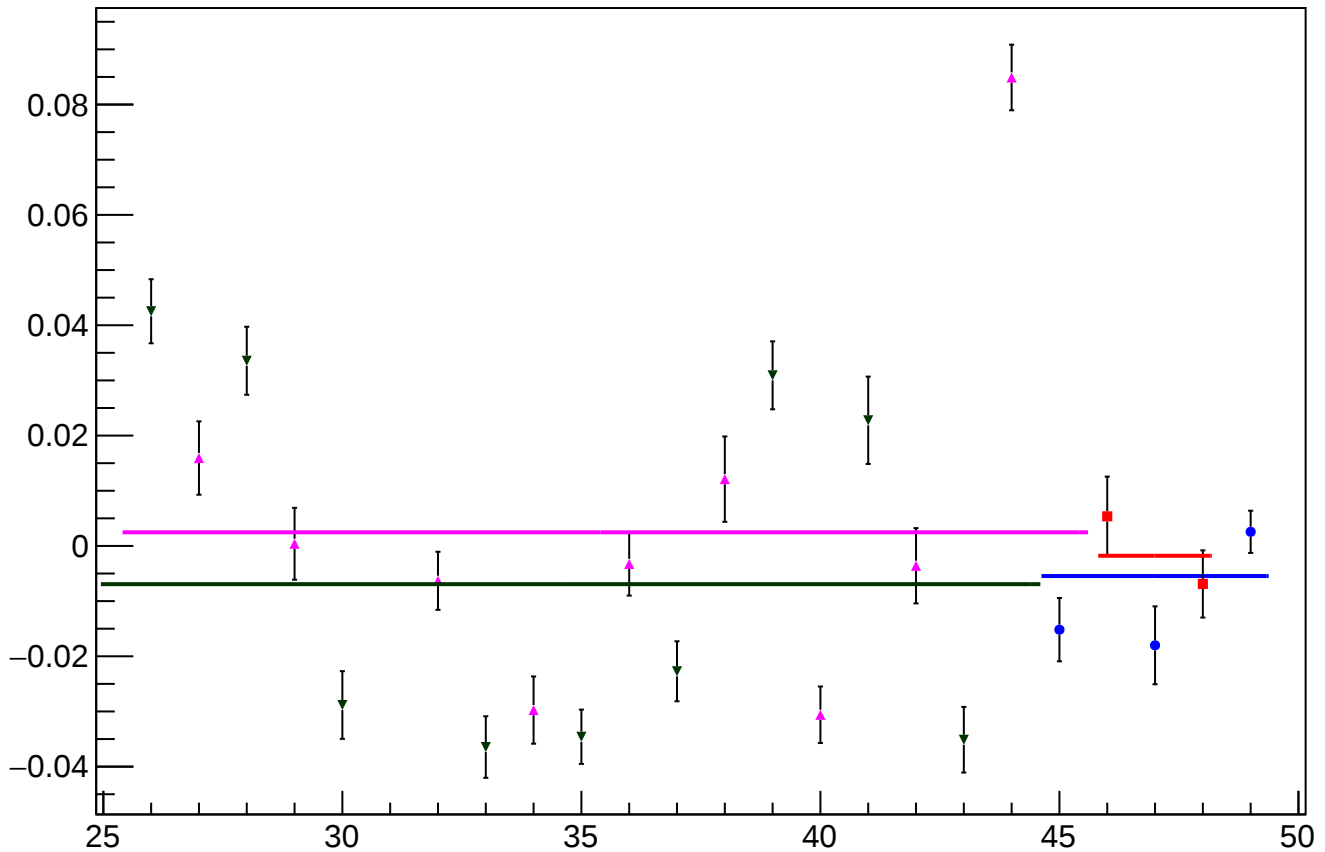
Right Out: -0.202+/-0.025 χ^2/NDF : 0.0/1

Left In: -0.183+/-0.010 χ^2/NDF : 42.4/8

-0.233+/-0.009 χ^2/NDF : 90.2/11

-0.186+/-0.009 χ^2/NDF : 42.9/10

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005 ± 0.003 $\chi^2/\text{NDF}: 10.4/2$

Left Out: -0.007 ± 0.002 $\chi^2/\text{NDF}: 270.8/8$

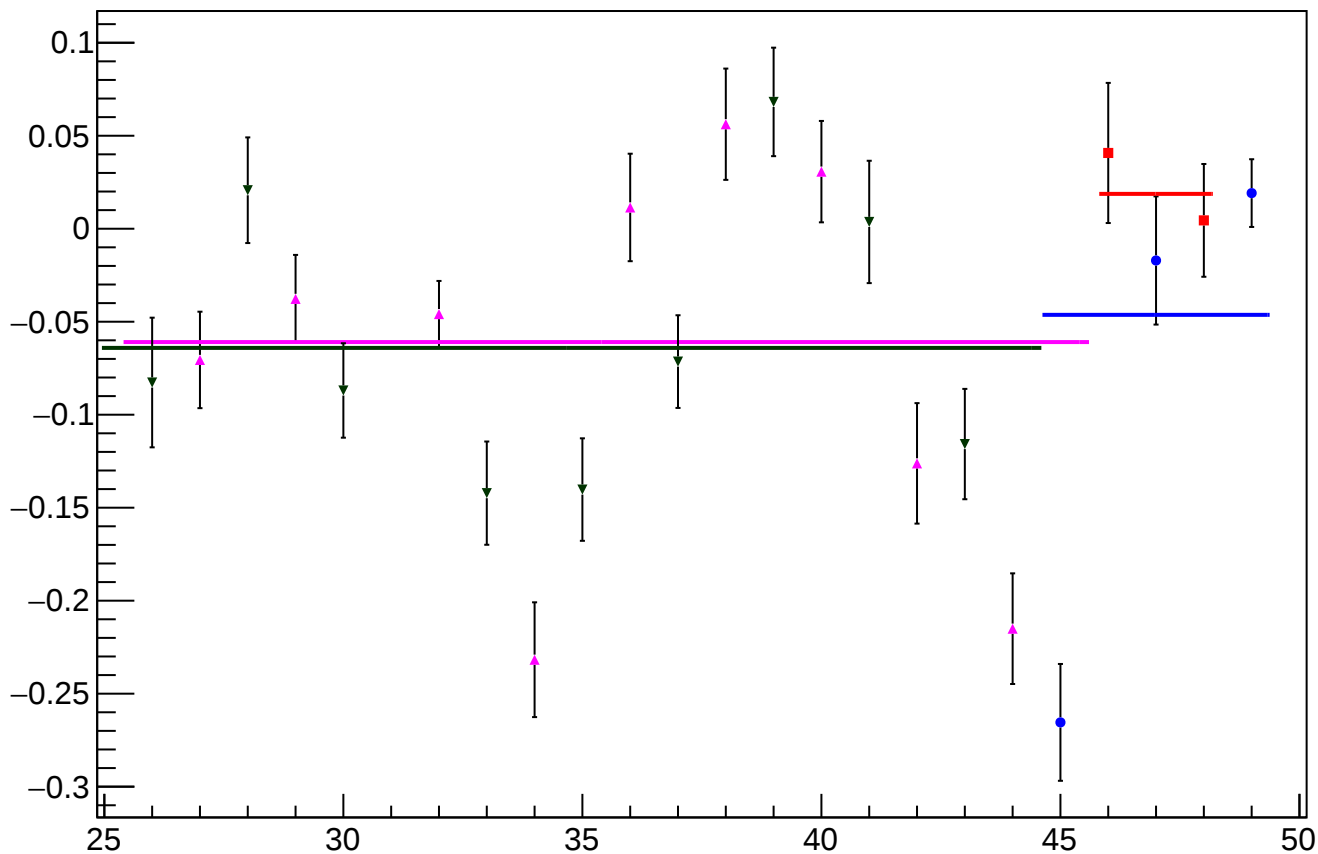
Right Out: -0.002 ± 0.005 $\chi^2/\text{NDF}: 1.7/1$

Left In: 0.002 ± 0.002 $\chi^2/\text{NDF}: 272.2/8$

-0.006 ± 0.002 $\chi^2/\text{NDF}: 281.4/11$

0.002 ± 0.002 $\chi^2/\text{NDF}: 274.6/10$

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.046 $\pm$ 0.014 χ^2 /NDF: 62.3/2

Left Out: -0.064 $\pm$ 0.010 χ^2 /NDF: 53.5/8

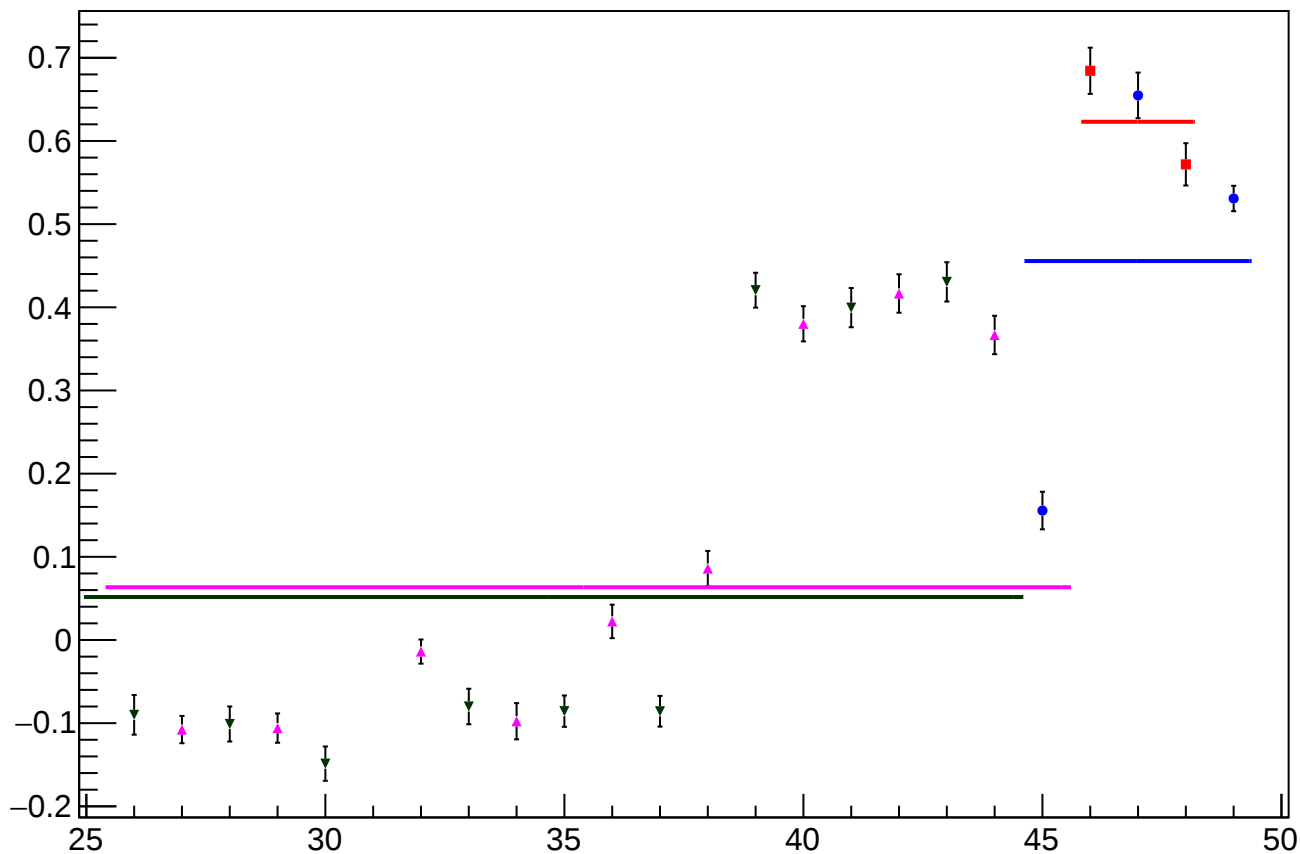
Right Out: 0.019 $\pm$ 0.024 χ^2 /NDF: 0.6/1

Left In: -0.061 $\pm$ 0.009 χ^2 /NDF: 96.2/8

-0.059 $\pm$ 0.008 χ^2 /NDF: 116.9/11

-0.051 $\pm$ 0.008 χ^2 /NDF: 106.8/10

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.456 $\pm$ 0.011 χ^2/NDF : 253.4/2

Left Out: 0.052 $\pm$ 0.007 χ^2/NDF : 1112.2/8

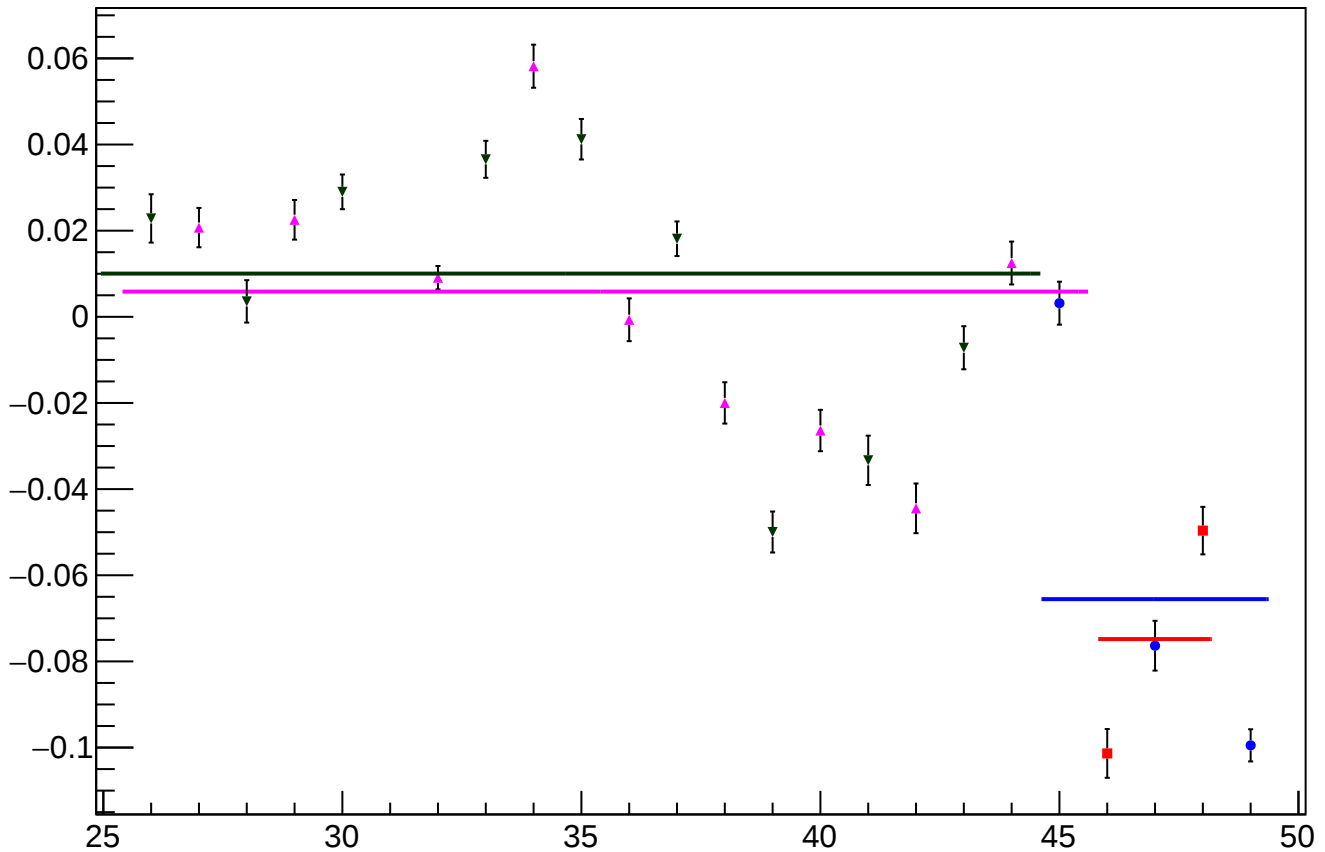
Right Out: 0.623 $\pm$ 0.019 χ^2/NDF : 8.9/1

Left In: 0.063 $\pm$ 0.006 χ^2/NDF : 919.9/8

0.162 $\pm$ 0.006 χ^2/NDF : 2264.7/11

0.122 $\pm$ 0.006 χ^2/NDF : 1725.5/10

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.066 ± 0.003 χ^2/NDF : 275.8/2

Left Out: 0.010 ± 0.002 χ^2/NDF : 343.5/8

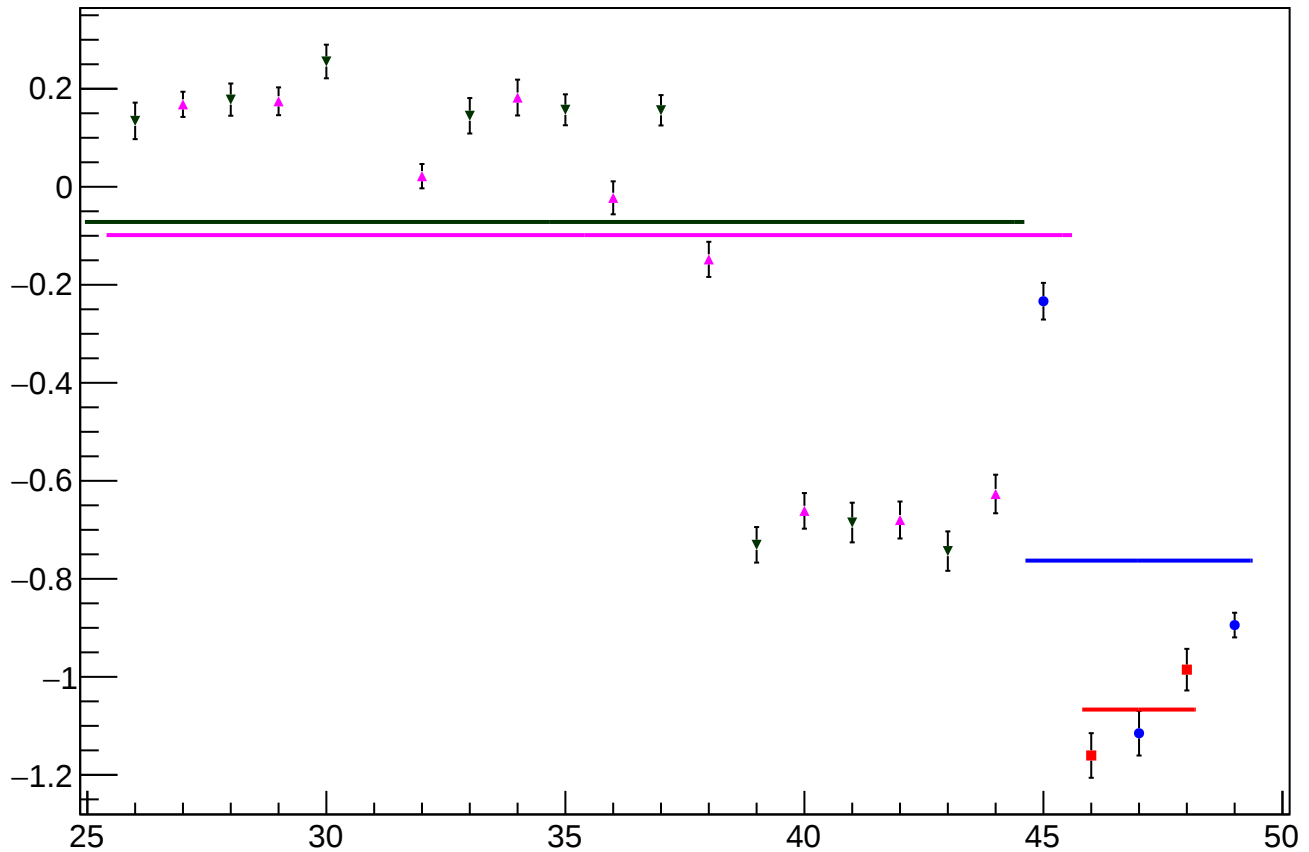
Right Out: -0.075 ± 0.004 χ^2/NDF : 42.9/1

Left In: 0.006 ± 0.001 χ^2/NDF : 288.4/8

-0.009 ± 0.001 χ^2/NDF : 1221.5/11

-0.004 ± 0.001 χ^2/NDF : 698.3/10

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.763 $\pm$ 0.019 χ^2 /NDF: 287.6/2

Left Out: -0.072 $\pm$ 0.012 χ^2 /NDF: 1160.0/8

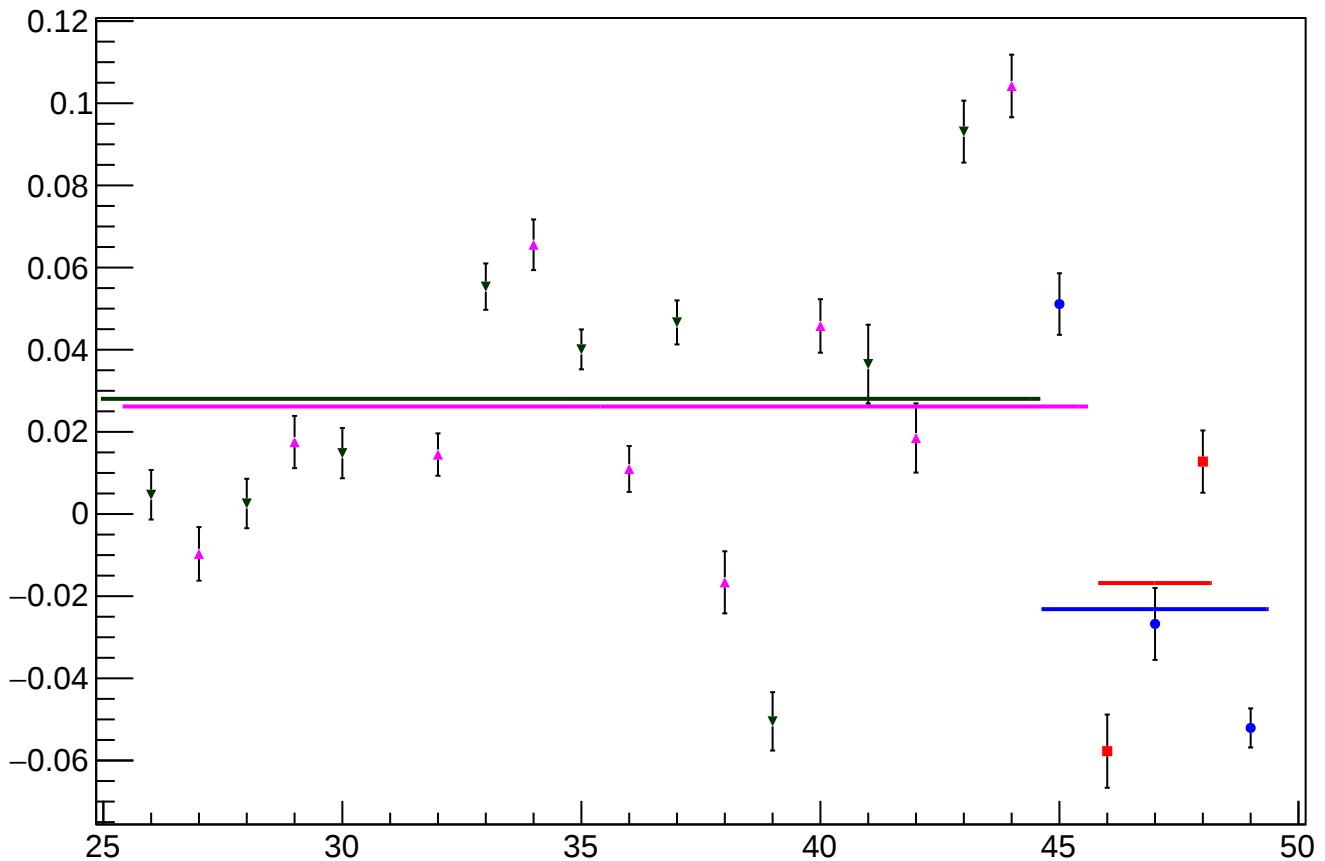
Right Out: -1.067 $\pm$ 0.031 χ^2 /NDF: 7.9/1

Left In: -0.099 $\pm$ 0.011 χ^2 /NDF: 947.3/8

-0.262 $\pm$ 0.010 χ^2 /NDF: 2408.5/11

-0.200 $\pm$ 0.010 χ^2 /NDF: 1826.0/10

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.023+/-0.004 χ^2/NDF : 135.4/2

Left Out: 0.028+/-0.002 χ^2/NDF : 276.2/8

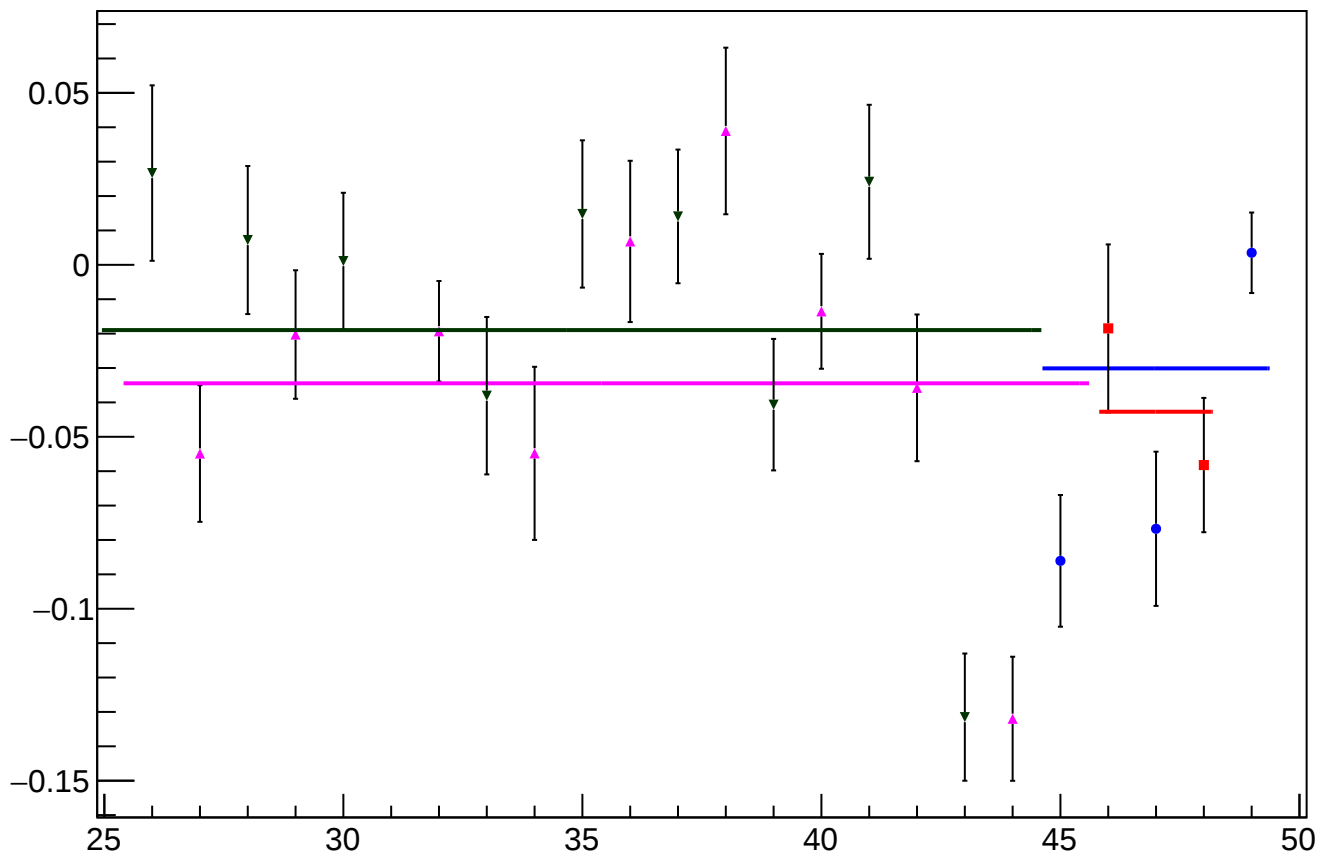
Right Out: -0.017+/-0.006 χ^2/NDF : 36.3/1

Left In: 0.026+/-0.002 χ^2/NDF : 232.3/8

0.016+/-0.002 χ^2/NDF : 561.3/11

0.021+/-0.002 χ^2/NDF : 317.3/10

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.030 ± 0.009 $\chi^2/\text{NDF}: 21.1/2$

Left Out: -0.019 ± 0.007 $\chi^2/\text{NDF}: 53.8/8$

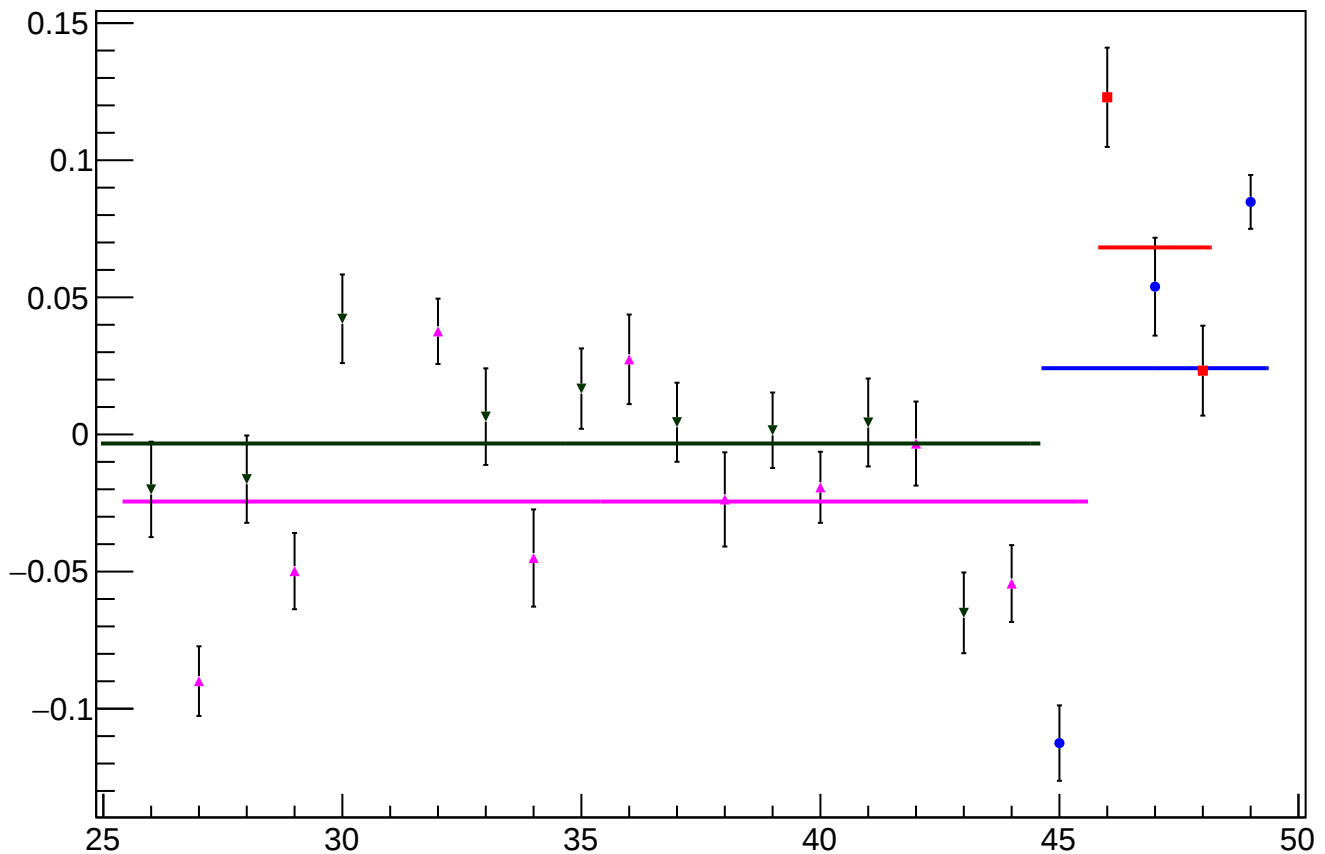
Right Out: -0.043 ± 0.015 $\chi^2/\text{NDF}: 1.6/1$

Left In: -0.034 ± 0.006 $\chi^2/\text{NDF}: 46.4/8$

-0.023 ± 0.006 $\chi^2/\text{NDF}: 75.9/11$

-0.036 ± 0.006 $\chi^2/\text{NDF}: 48.3/10$

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.024 ± 0.007 χ^2/NDF : 139.7/2

Left Out: -0.003 ± 0.005 χ^2/NDF : 29.9/8

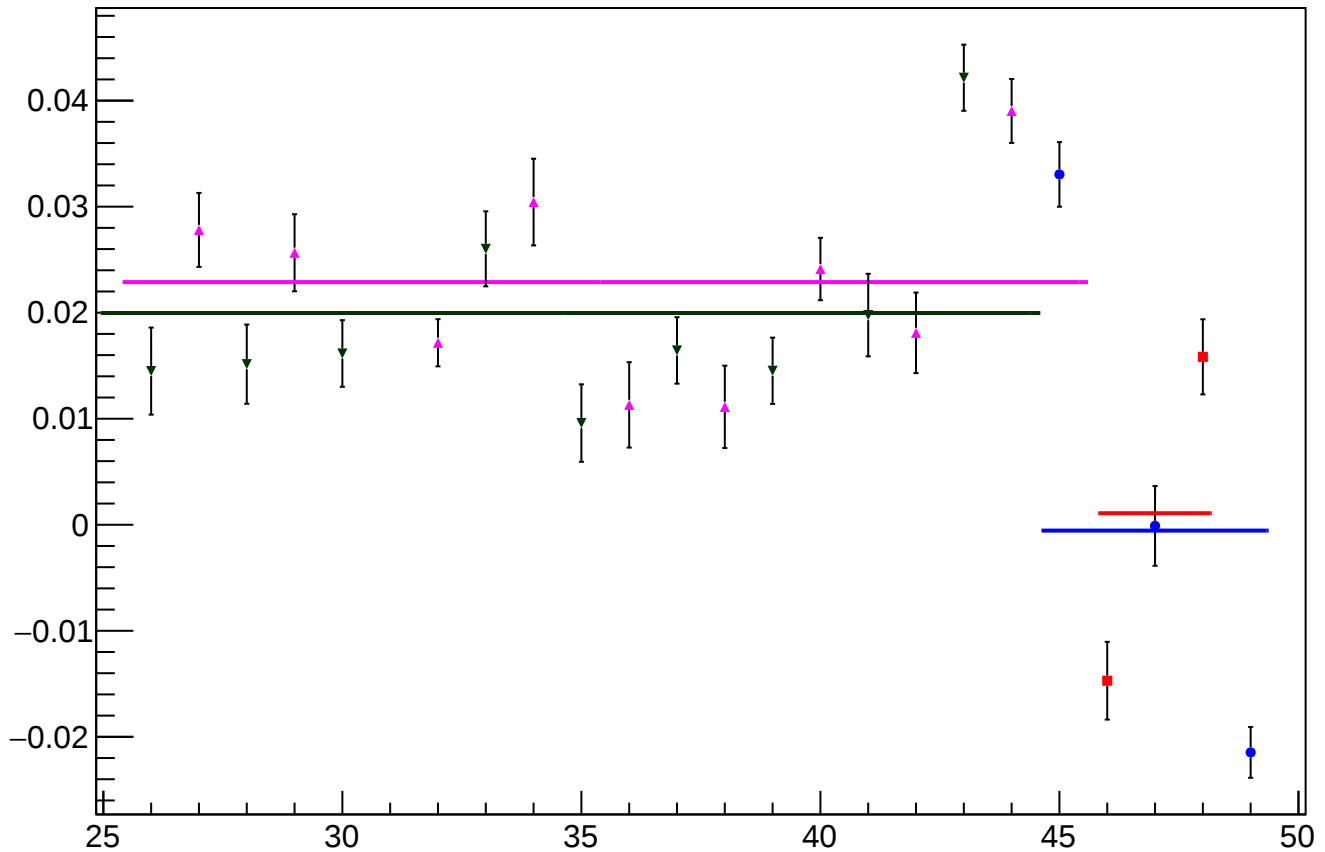
Right Out: 0.068 ± 0.012 χ^2/NDF : 16.7/1

Left In: -0.024 ± 0.005 χ^2/NDF : 75.1/8

0.006 ± 0.004 χ^2/NDF : 179.1/11

-0.012 ± 0.004 χ^2/NDF : 142.2/10

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001±/0.002 χ^2/NDF : 198.0/2

Left Out: 0.020±/0.001 χ^2/NDF : 70.9/8

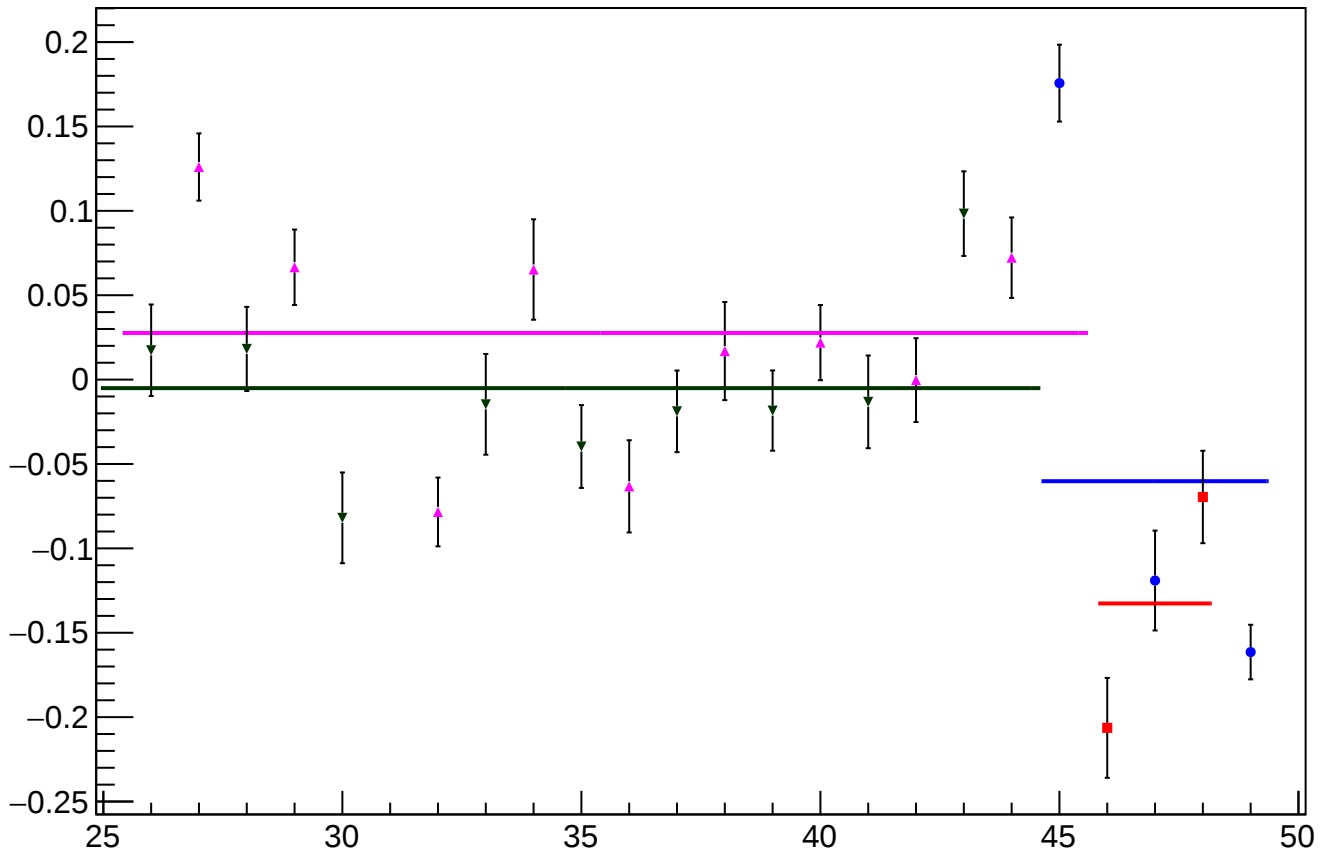
Right Out: 0.001±/0.003 χ^2/NDF : 35.9/1

Left In: 0.023±/0.001 χ^2/NDF : 60.5/8

0.013±/0.001 χ^2/NDF : 370.3/11

0.020±/0.001 χ^2/NDF : 158.3/10

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.060 $\pm$ 0.012 χ^2/NDF : 150.4/2

Left Out: -0.005 $\pm$ 0.009 χ^2/NDF : 29.5/8

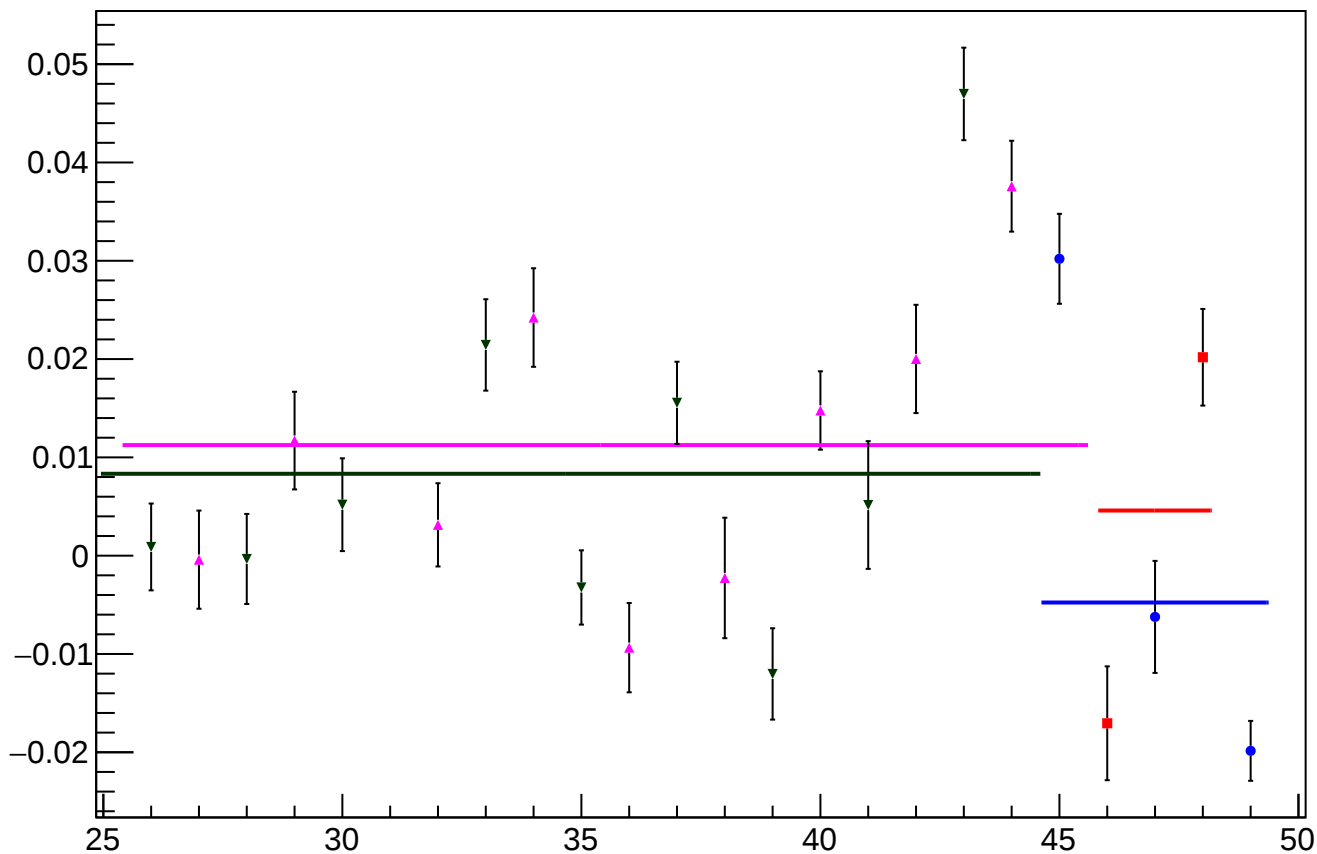
Right Out: -0.133 $\pm$ 0.020 χ^2/NDF : 11.5/1

Left In: 0.028 $\pm$ 0.008 χ^2/NDF : 72.1/8

-0.024 $\pm$ 0.007 χ^2/NDF : 193.8/11

0.006 $\pm$ 0.007 χ^2/NDF : 138.7/10

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005+/-0.002 χ^2/NDF : 83.0/2

Left Out: 0.008+/-0.002 χ^2/NDF :114.0/8

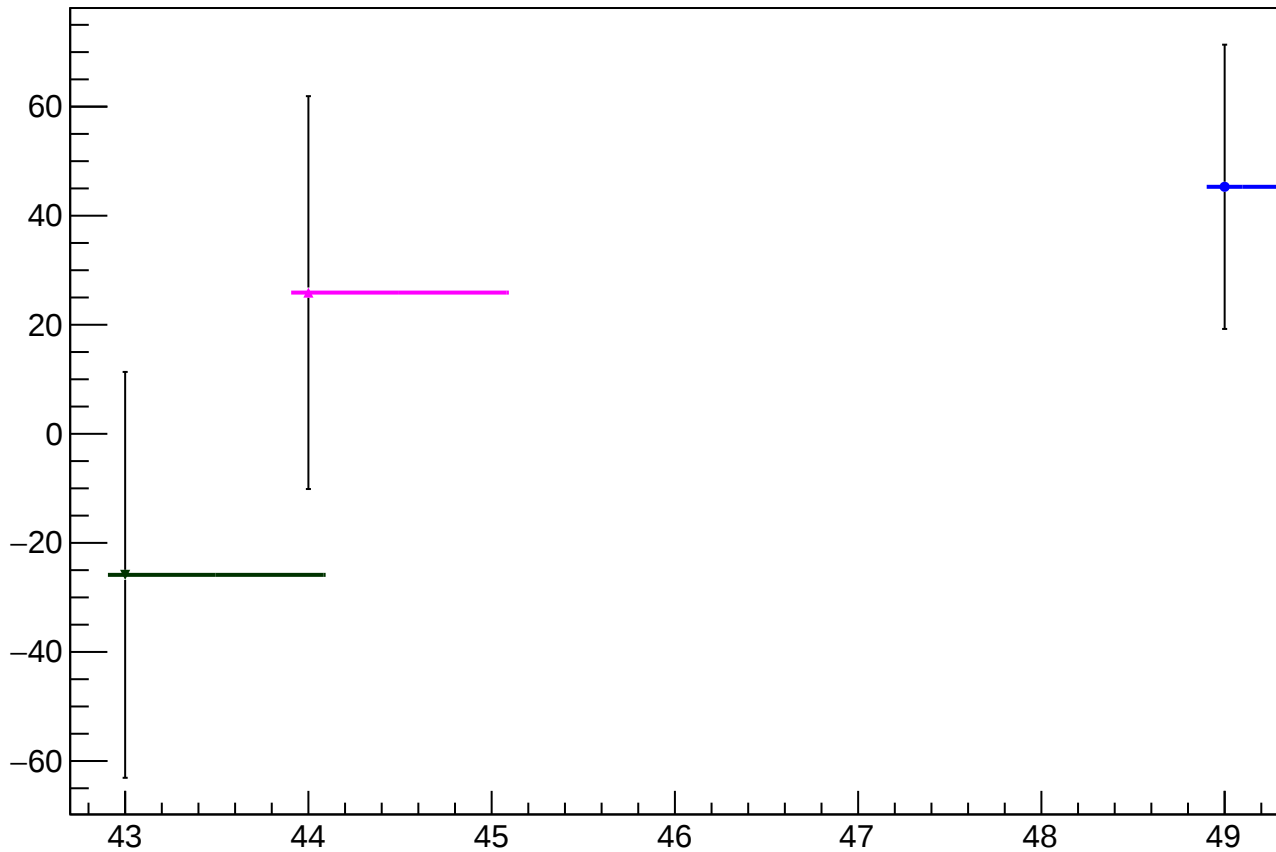
Right Out: 0.005+/-0.004 χ^2/NDF : 24.0/1

Left In: 0.011+/-0.002 χ^2/NDF :77.1/8

0.004+/-0.001 χ^2/NDF : 219.4/11

0.010+/-0.001 χ^2/NDF : 103.8/10

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 45.299 $\pm$ 26.065 χ^2/NDF : 0.0/0

Left Out: -25.864 $\pm$ 37.215 χ^2/NDF : 0.0/0

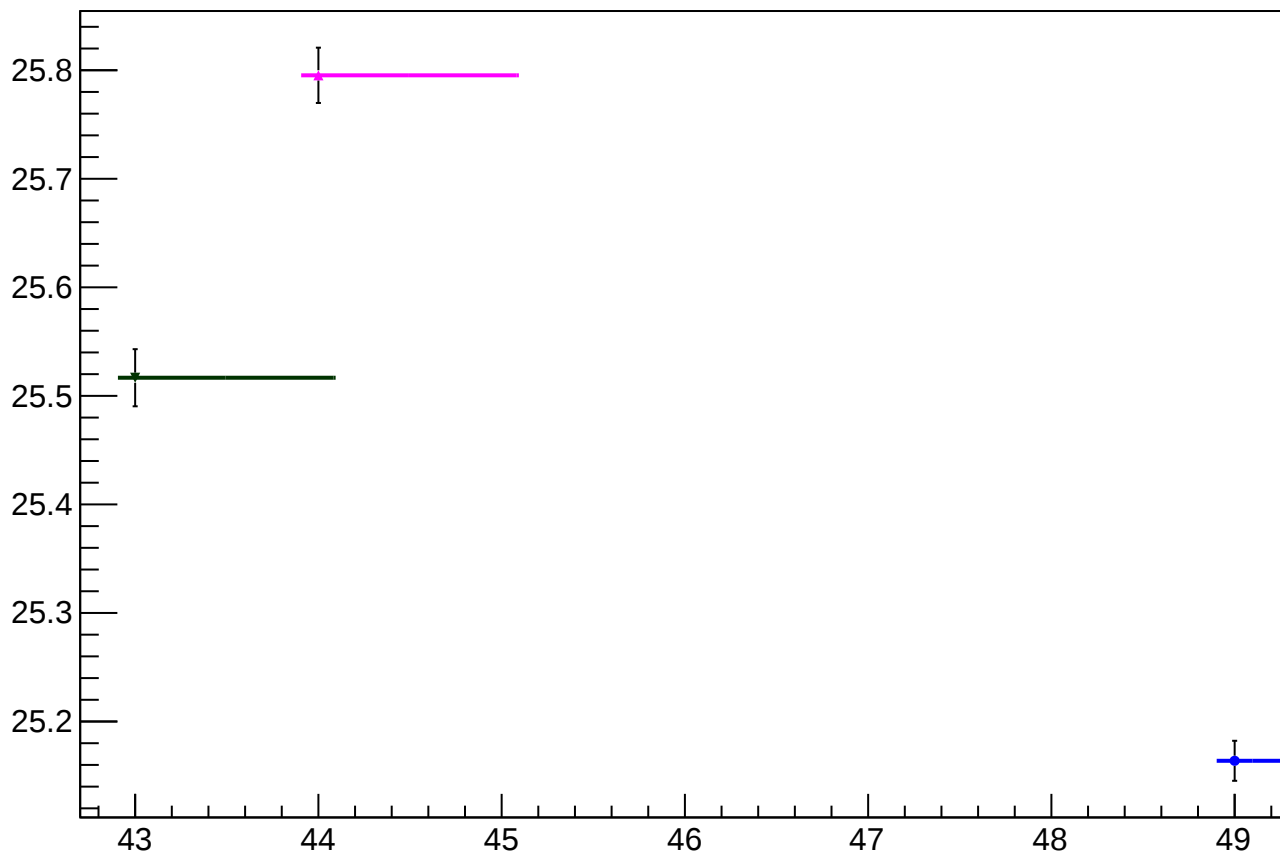
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 25.900 $\pm$ 36.022 χ^2/NDF : 0.0/0

21.879 $\pm$ 21.349 χ^2/NDF : 2.5/1

25.900 $\pm$ 36.022 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 25.164 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Left Out: 25.517 $\pm$ 0.026 χ^2 /NDF: 0.0/0

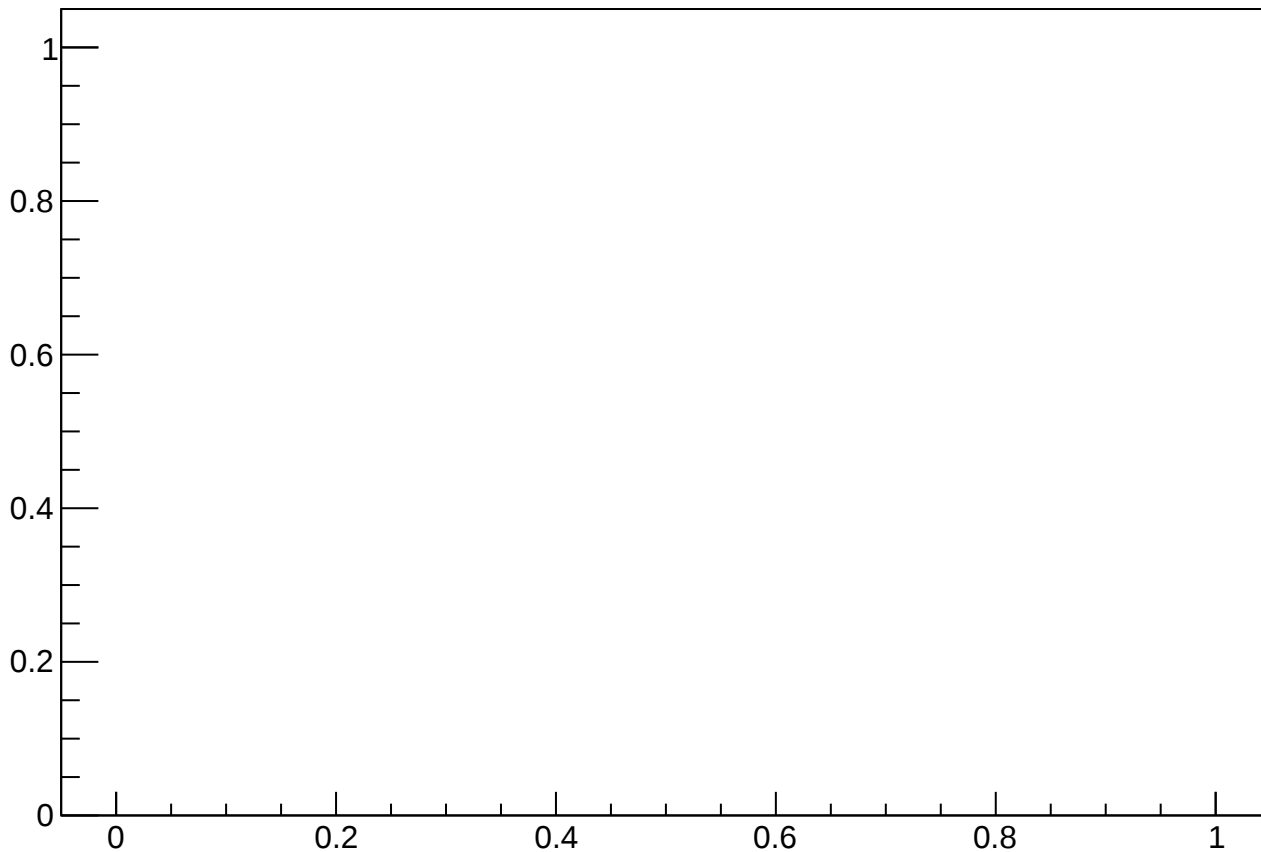
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

25.280 $\pm$ 0.015 χ^2 /NDF: 120.7/1

25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

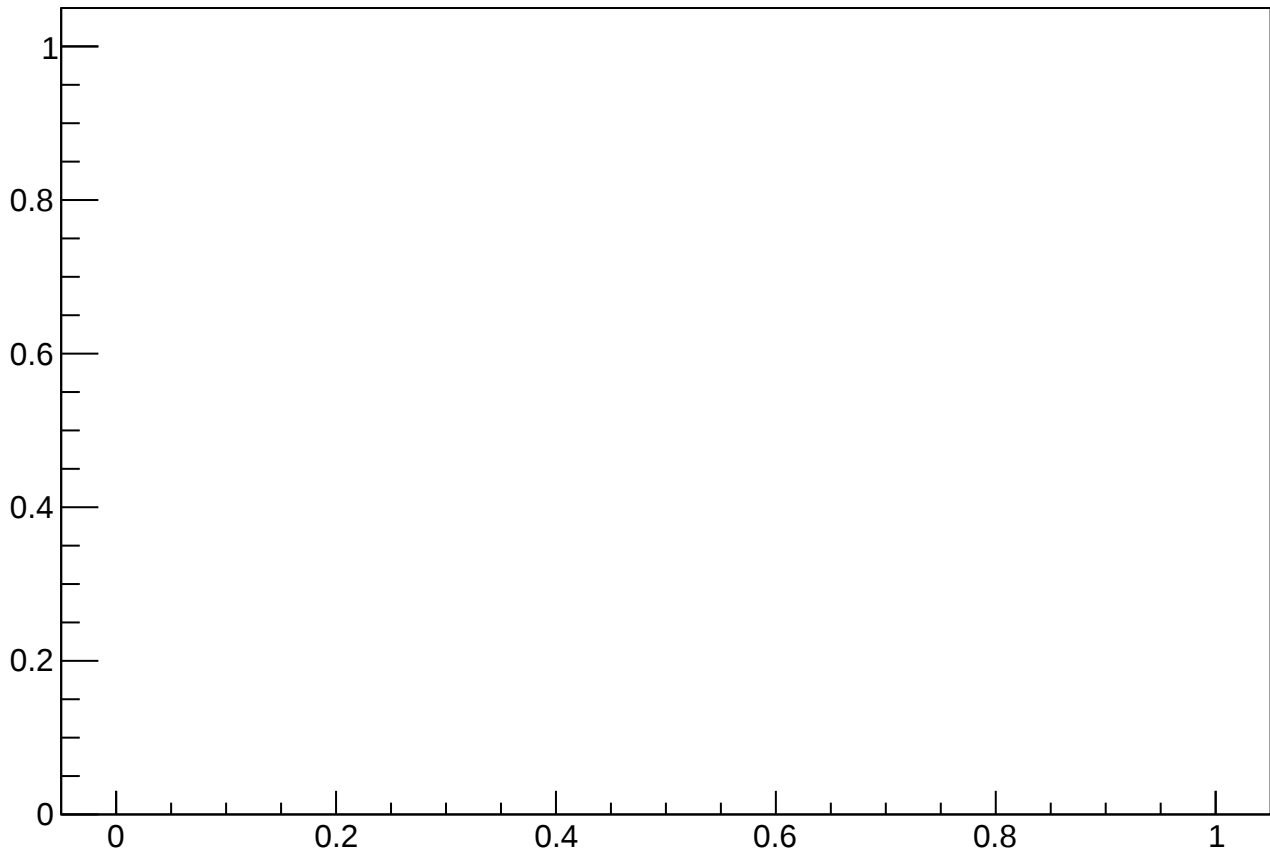
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

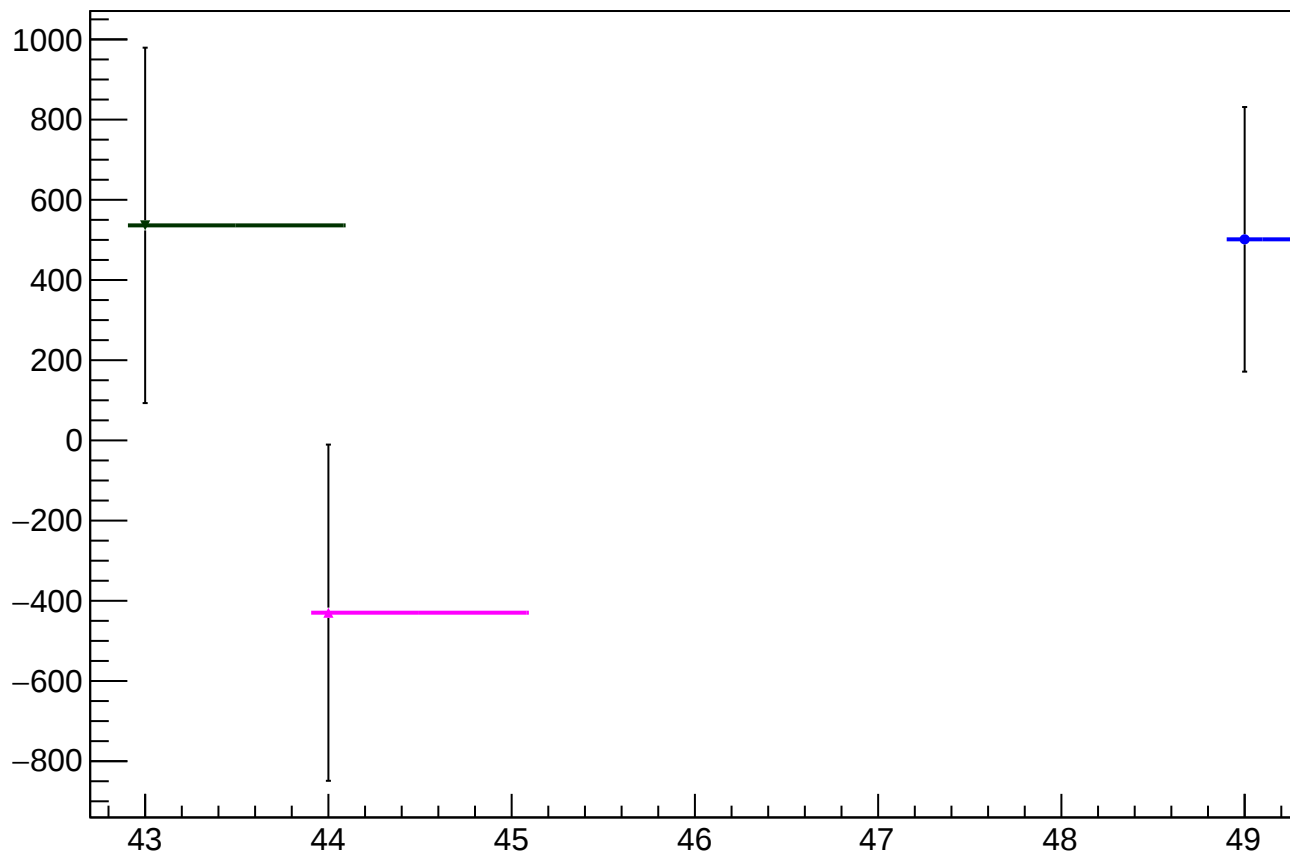
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

asym_us_agg_avg_mean vs slug



Right In: 501.422+/-329.967 χ^2 /NDF: 0.0/0

Left Out: 536.234+/-443.159 χ^2 /NDF:0.0/0

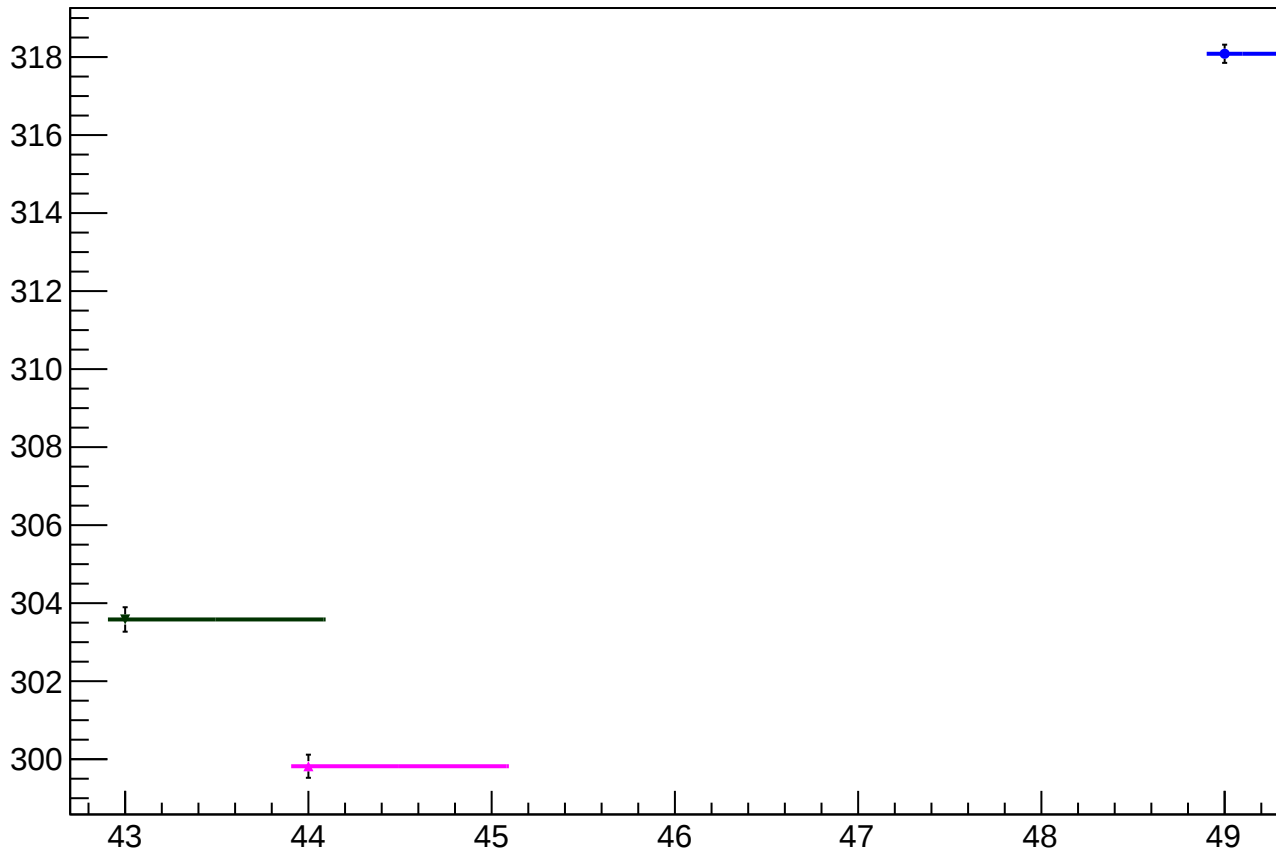
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -429.667+/-419.215 χ^2 /NDF:0.0/0

513.838+/-264.660 χ^2 /NDF: 0.0/1

-429.667+/-419.215 χ^2 /NDF: 0.0/0

asym_us_agg_avg_rms vs slug



Right In: 318.084 $\pm$ 0.233 χ^2 /NDF: 0.0/0

Left Out: 303.582 $\pm$ 0.313 χ^2 /NDF: 0.0/0

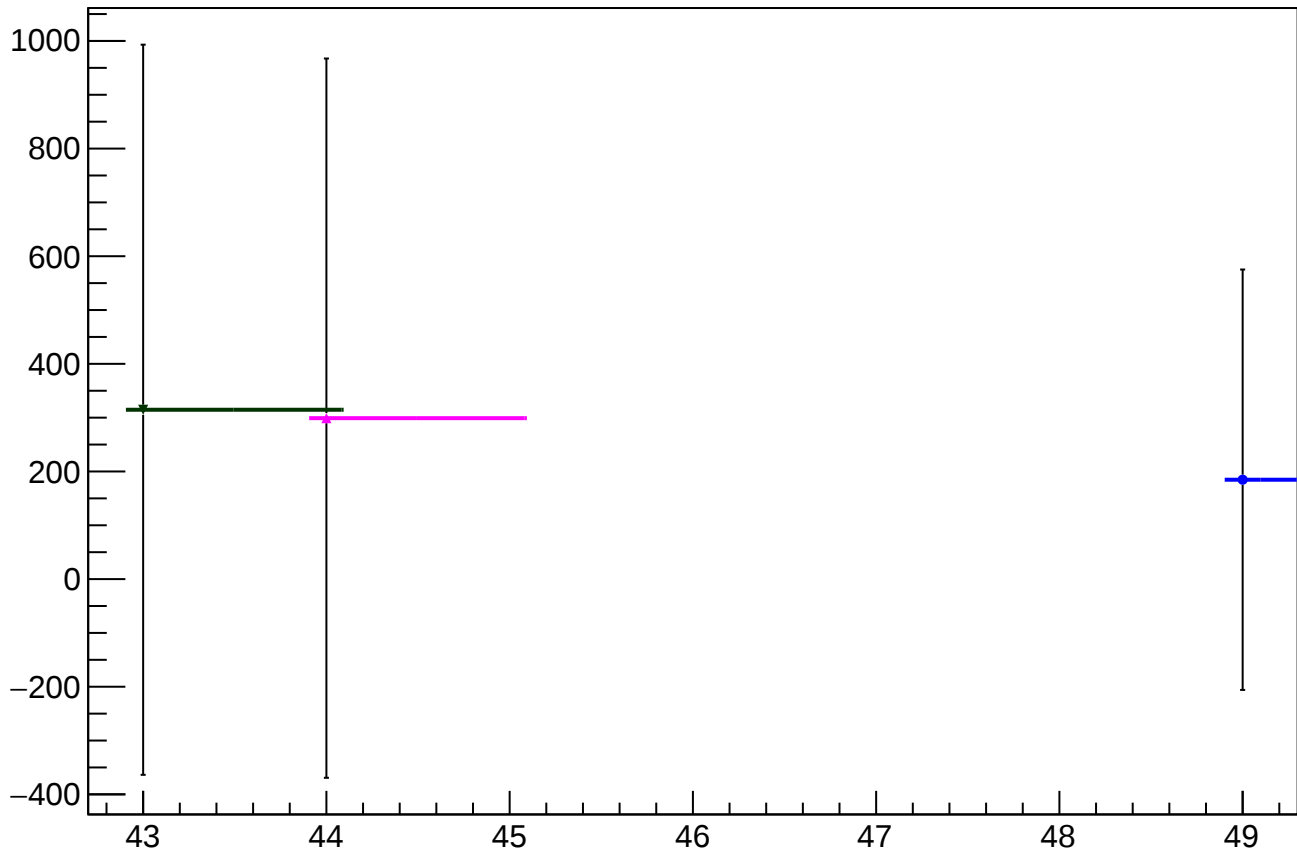
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 299.820 $\pm$ 0.296 χ^2 /NDF: 0.0/0

312.912 $\pm$ 0.187 χ^2 /NDF: 1377.8/1

299.820 $\pm$ 0.296 χ^2 /NDF: 0.0/0

asym_us_agg_dd_mean vs slug



Right In: 184.671+/-390.606 χ^2/NDF : 0.0/0

Left Out: 314.697+/-678.402 χ^2/NDF : 0.0/0

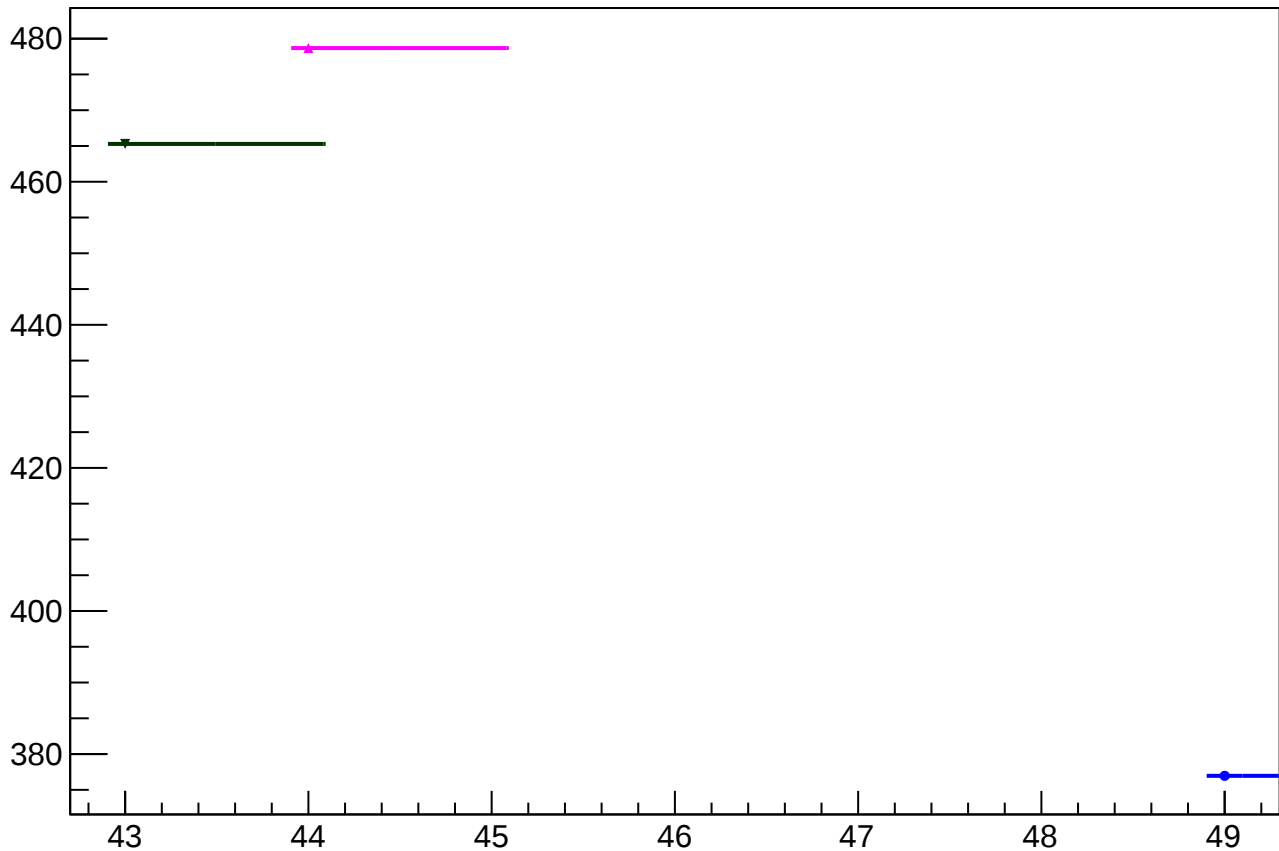
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 299.068+/-668.301 χ^2/NDF : 0.0/0

217.045+/-338.505 χ^2/NDF : 0.0/1

299.068+/-668.301 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs slug



Right In: 376.960 $\pm$ 0.276 χ^2 /NDF: 0.0/0

Left Out: 465.287 $\pm$ 0.480 χ^2 /NDF: 0.0/0

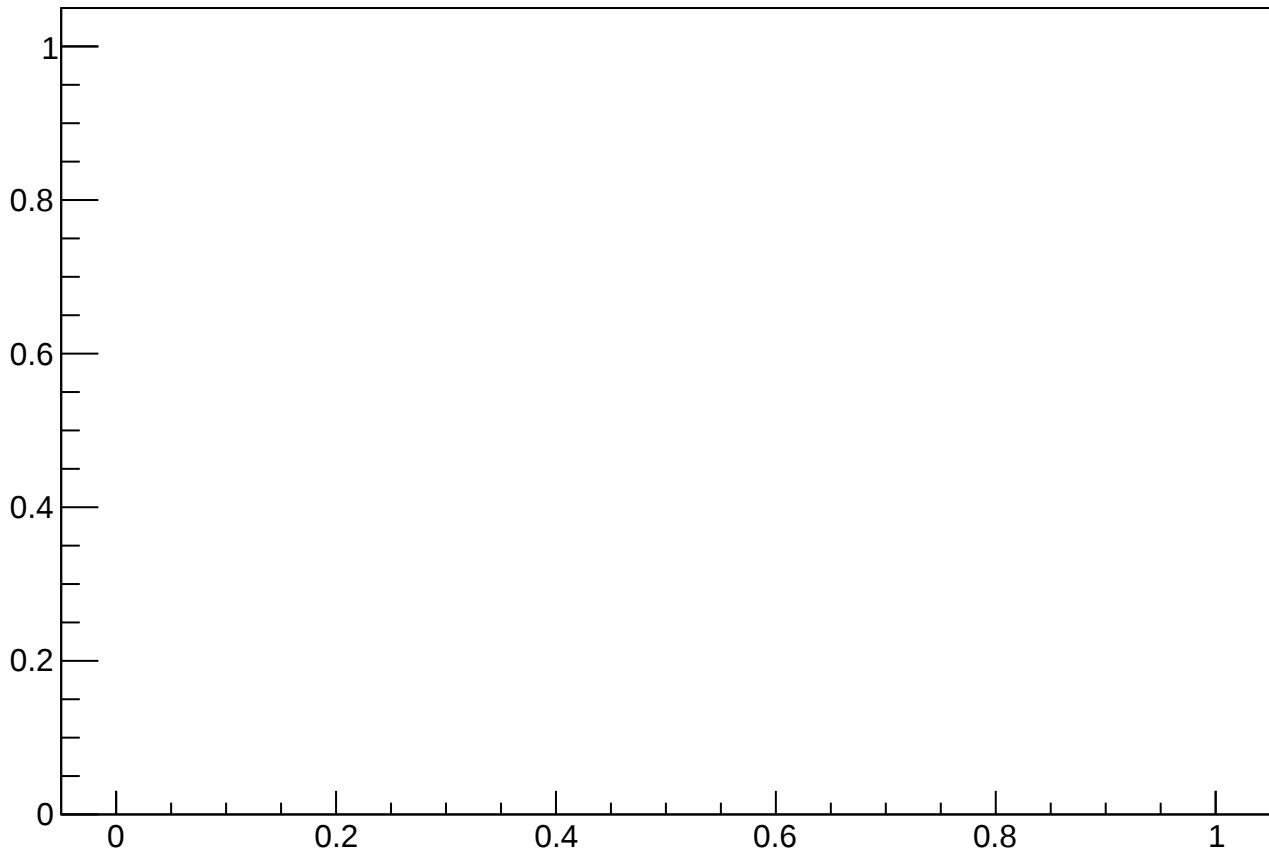
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 478.688 $\pm$ 0.473 χ^2 /NDF: 0.0/0

398.952 $\pm$ 0.239 χ^2 /NDF: 25462.0/1

478.688 $\pm$ 0.473 χ^2 /NDF: 0.0/0

asym_ds_agg_avg_mean vs slug



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

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

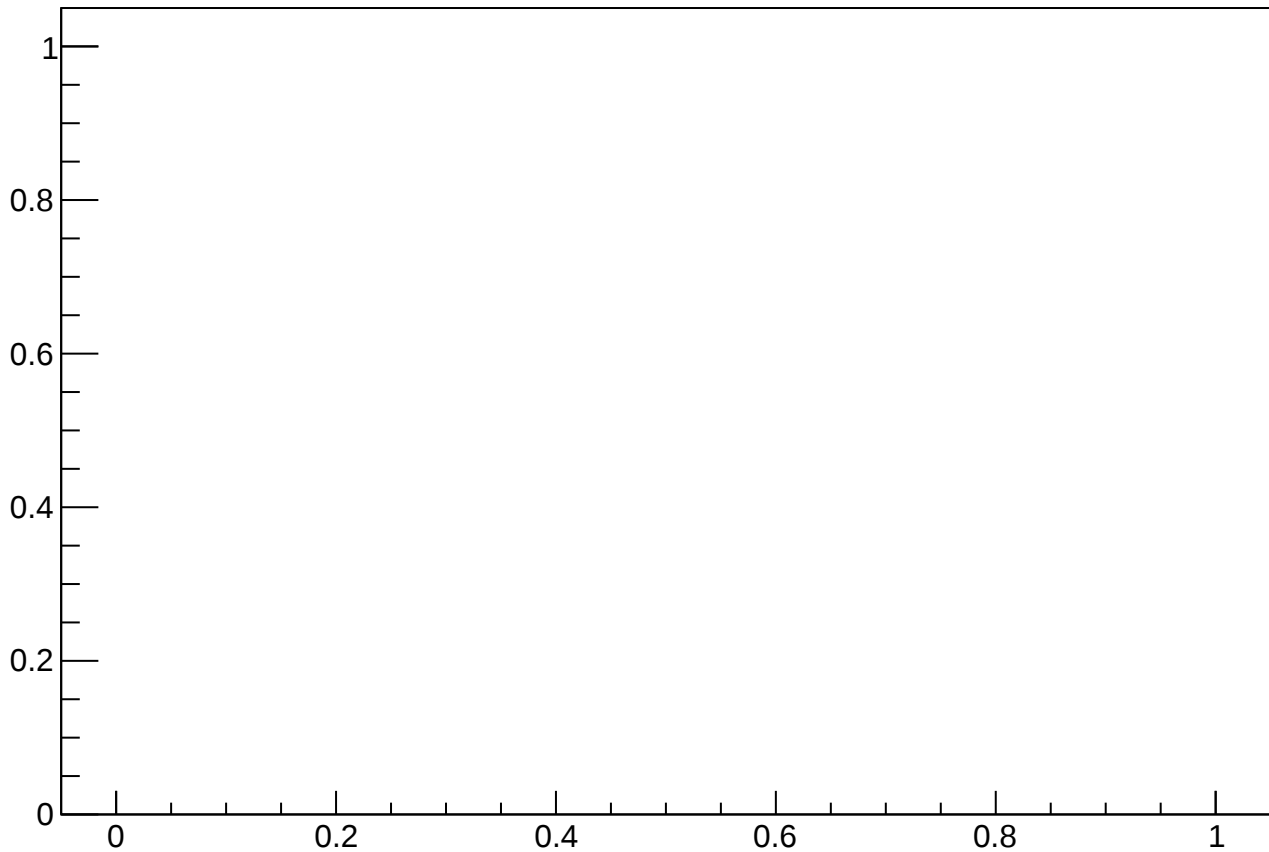
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_ds_agg_avg_rms vs slug



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

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

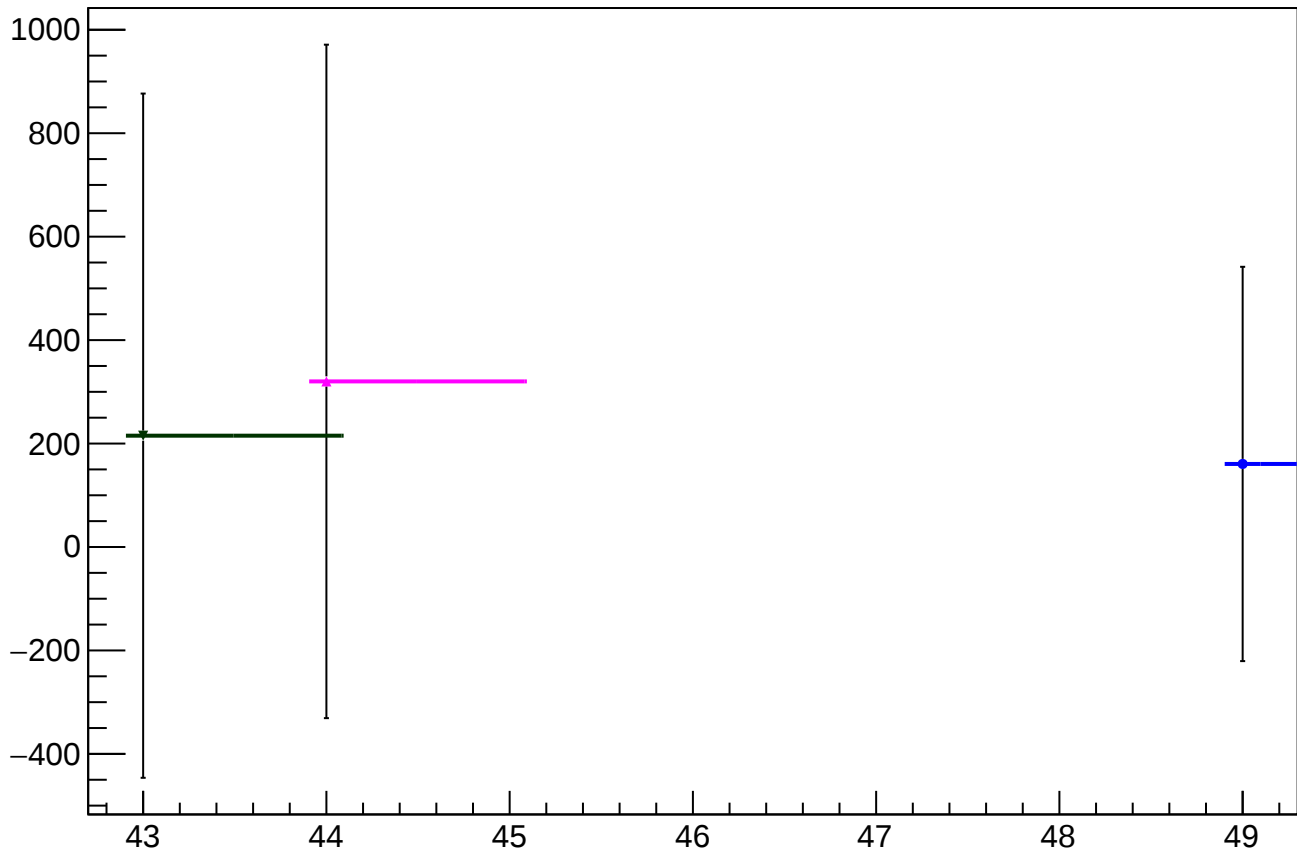
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_mean vs slug



Right In: 160.558+/-381.176 χ^2/NDF : 0.0/0

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

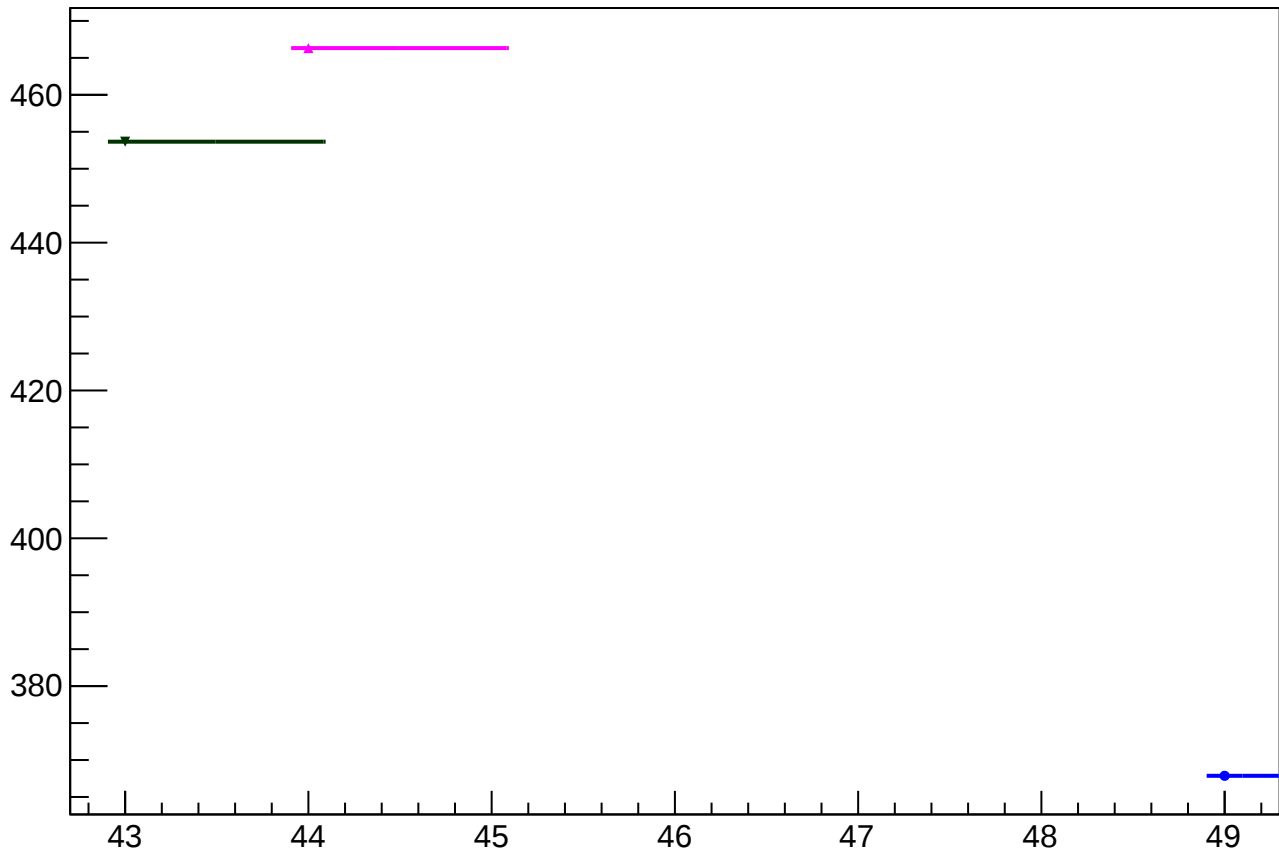
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

174.187+/-330.261 χ^2/NDF : 0.0/1

320.160+/-651.039 χ^2/NDF : 0.0/0

asym_ds_agg_dd_rms vs slug



Right In: 367.864 $\pm$ 0.270 χ^2 /NDF: 0.0/0

Left Out: 453.660 $\pm$ 0.468 χ^2 /NDF: 0.0/0

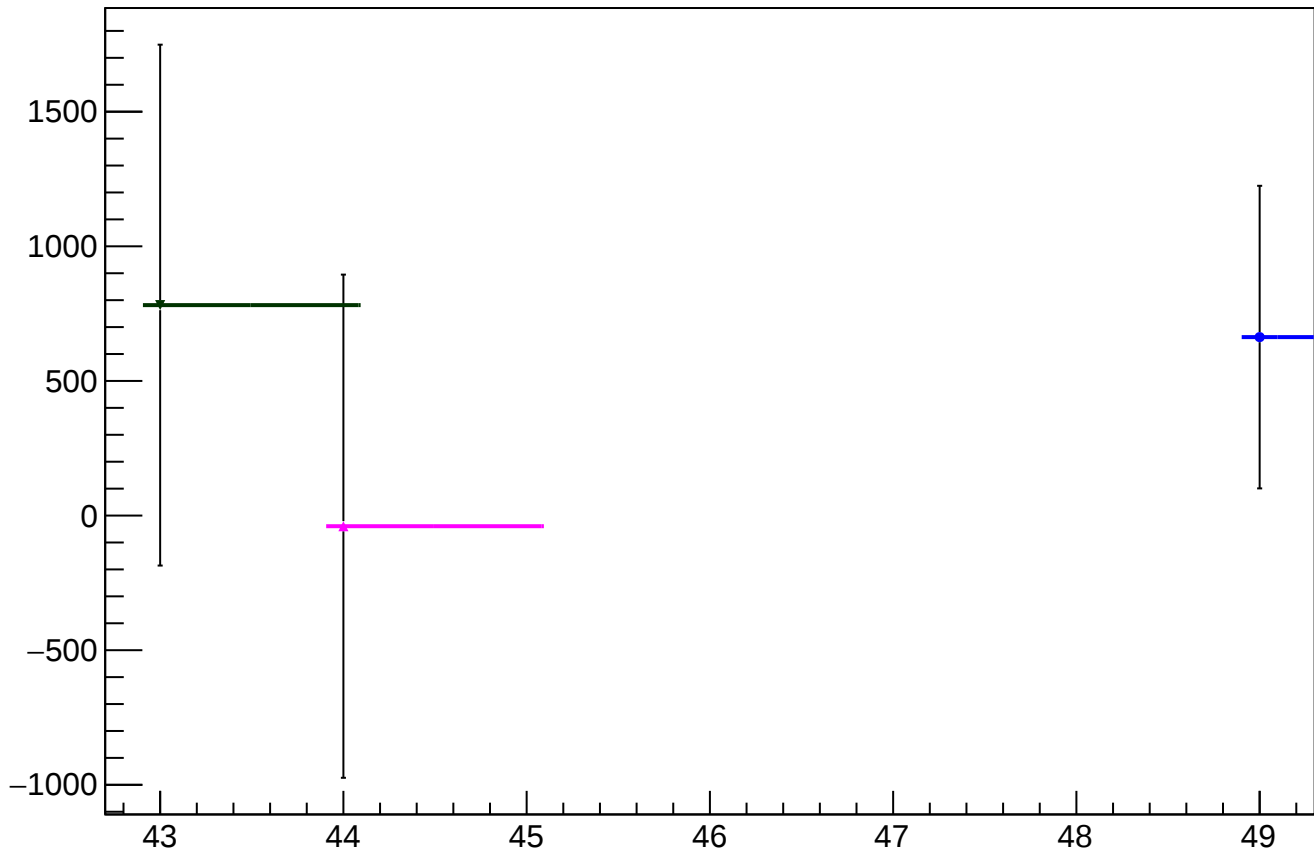
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

389.254 $\pm$ 0.234 χ^2 /NDF: 25260.7/1

466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

asym_left_agg_avg_mean vs slug



Right In: 662.810 $\pm$ 561.914 χ^2 /NDF: 0.0/0

Left Out: 781.614 $\pm$ 967.286 χ^2 /NDF:0.0/0

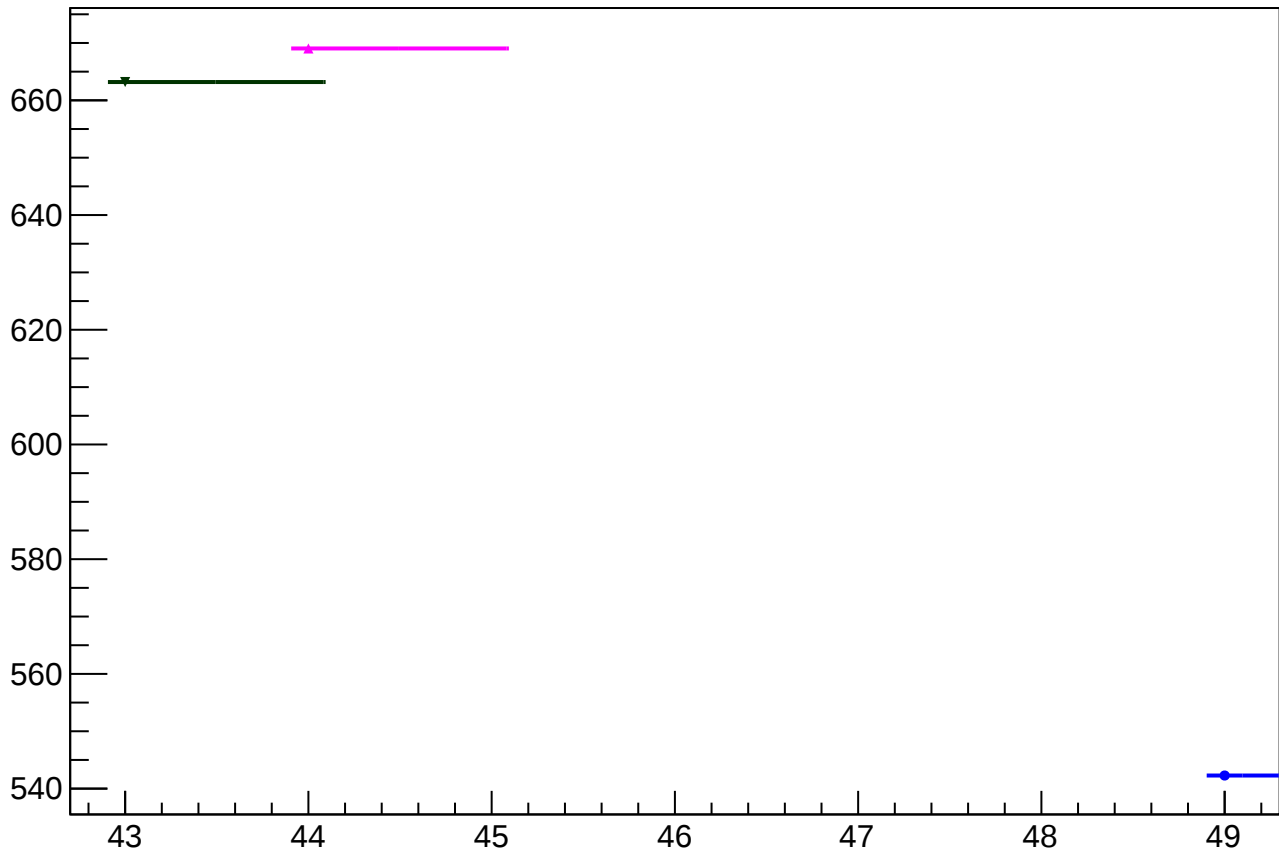
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.508 $\pm$ 934.410 χ^2 /NDF:0.0/0

692.786 $\pm$ 485.880 χ^2 /NDF: 0.0/1

-39.508 $\pm$ 934.410 χ^2 /NDF: 0.0/0

asym_left_agg_avg_rms vs slug



Right In: 542.284+/-0.397 χ^2/NDF : 0.0/0

Left Out: 663.190+/-0.684 χ^2/NDF : 0.0/0

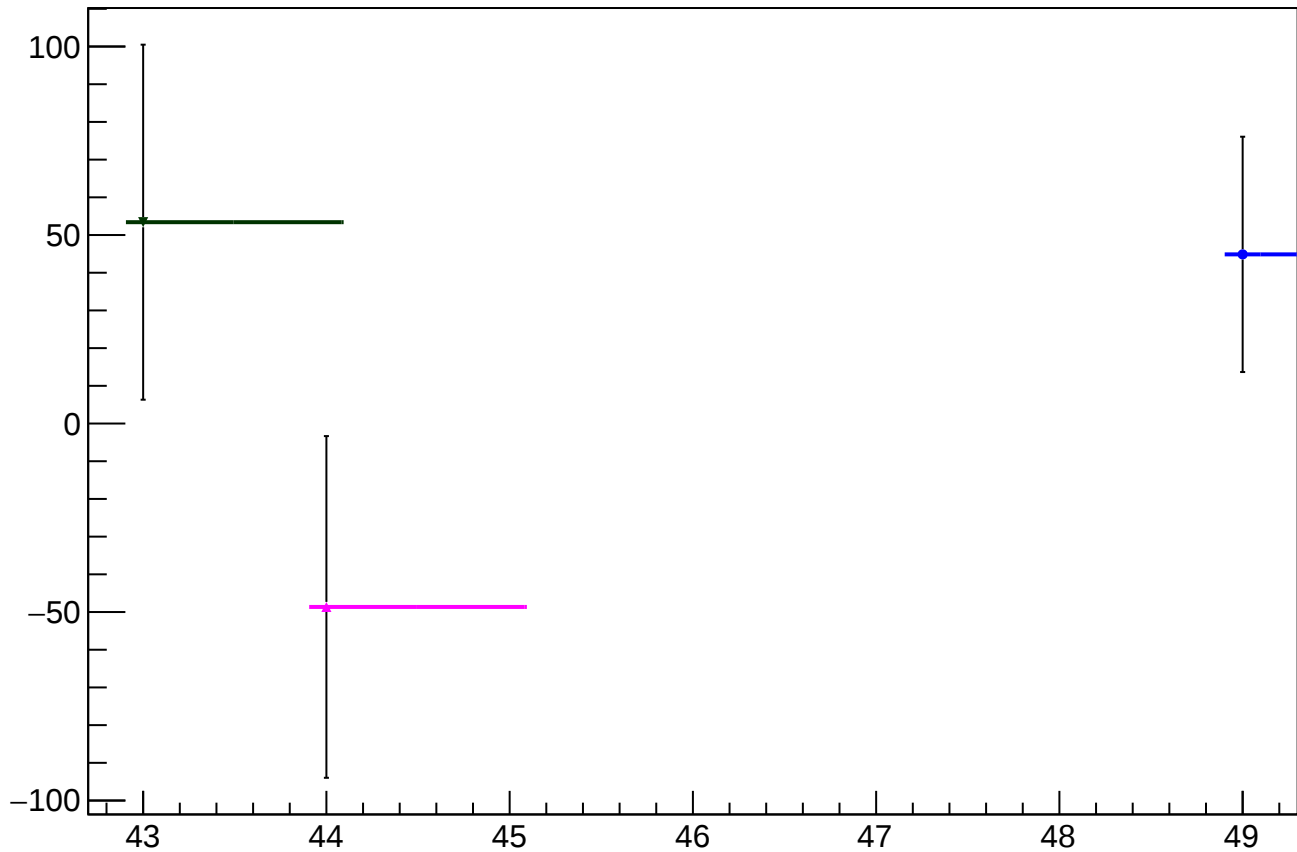
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 669.043+/-0.661 χ^2/NDF : 0.0/0

572.790+/-0.344 χ^2/NDF : 23363.5/1

669.043+/-0.661 χ^2/NDF : 0.0/0

asym_left_agg_dd_mean vs slug



Right In: 44.868 $\pm$ 31.210 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 53.407 $\pm$ 47.084 $\chi^2/\text{NDF}: 0.0/0$

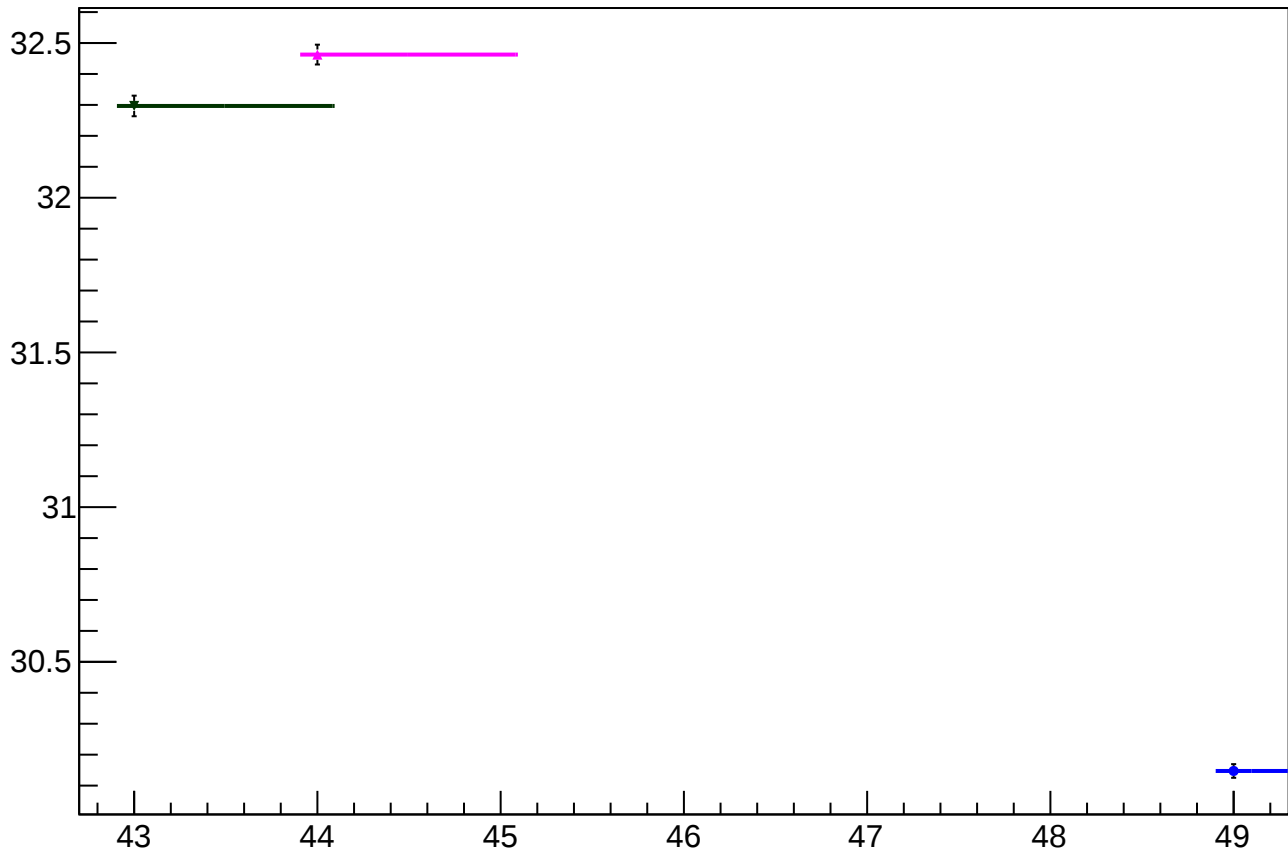
Right Out: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -48.651 $\pm$ 45.318 $\chi^2/\text{NDF}: 0.0/0$

47.475 $\pm$ 26.014 $\chi^2/\text{NDF}: 0.0/1$

-48.651 $\pm$ 45.318 $\chi^2/\text{NDF}: 0.0/0$

asym_left_agg_dd_rms vs slug



Right In: 30.147 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 32.297 $\pm$ 0.033 χ^2 /NDF: 0.0/0

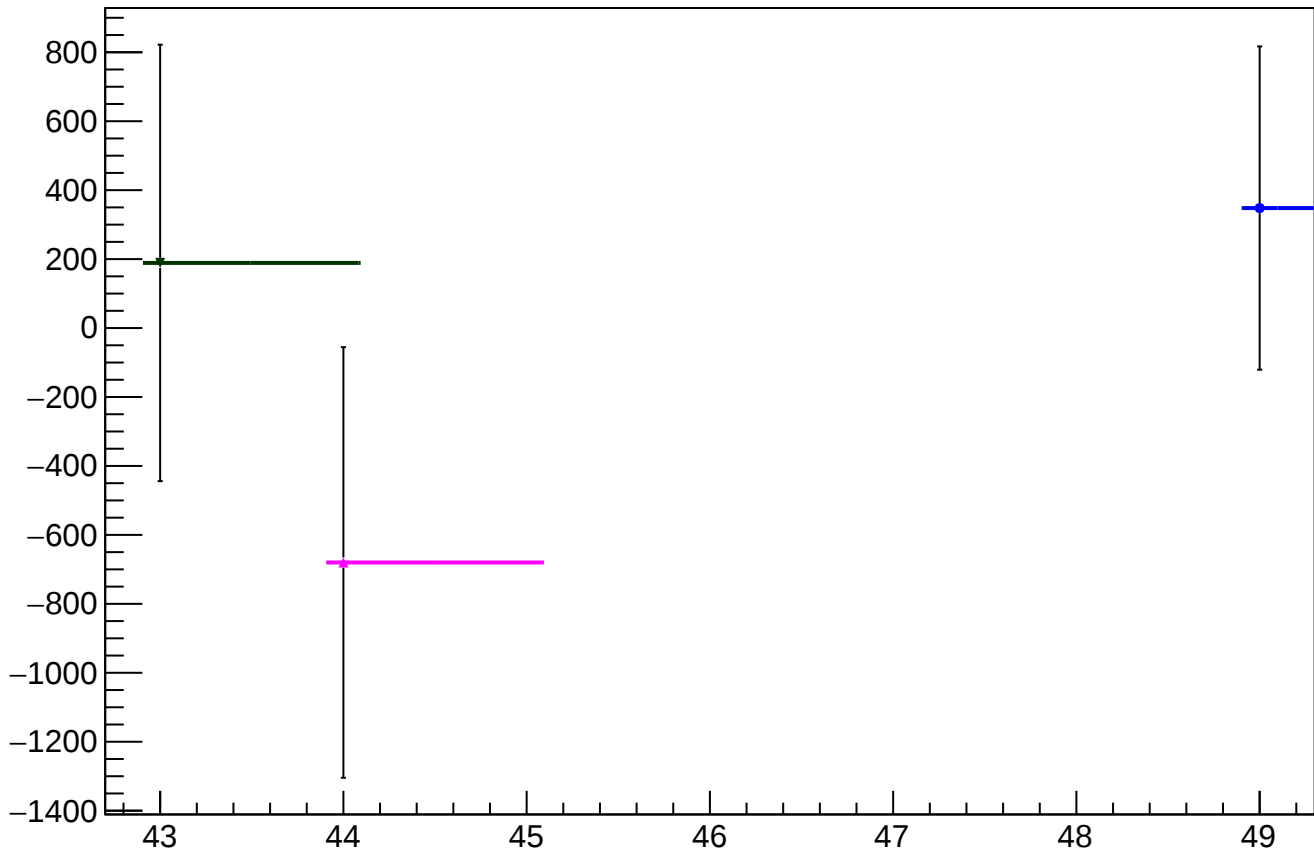
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 32.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

30.803 $\pm$ 0.018 χ^2 /NDF: 2895.4/1

32.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

asym_right_agg_avg_mean vs slug



Right In: 348.064+/-468.916 χ^2/NDF : 0.0/0

Left Out: 188.983+/-633.036 χ^2/NDF : 0.0/0

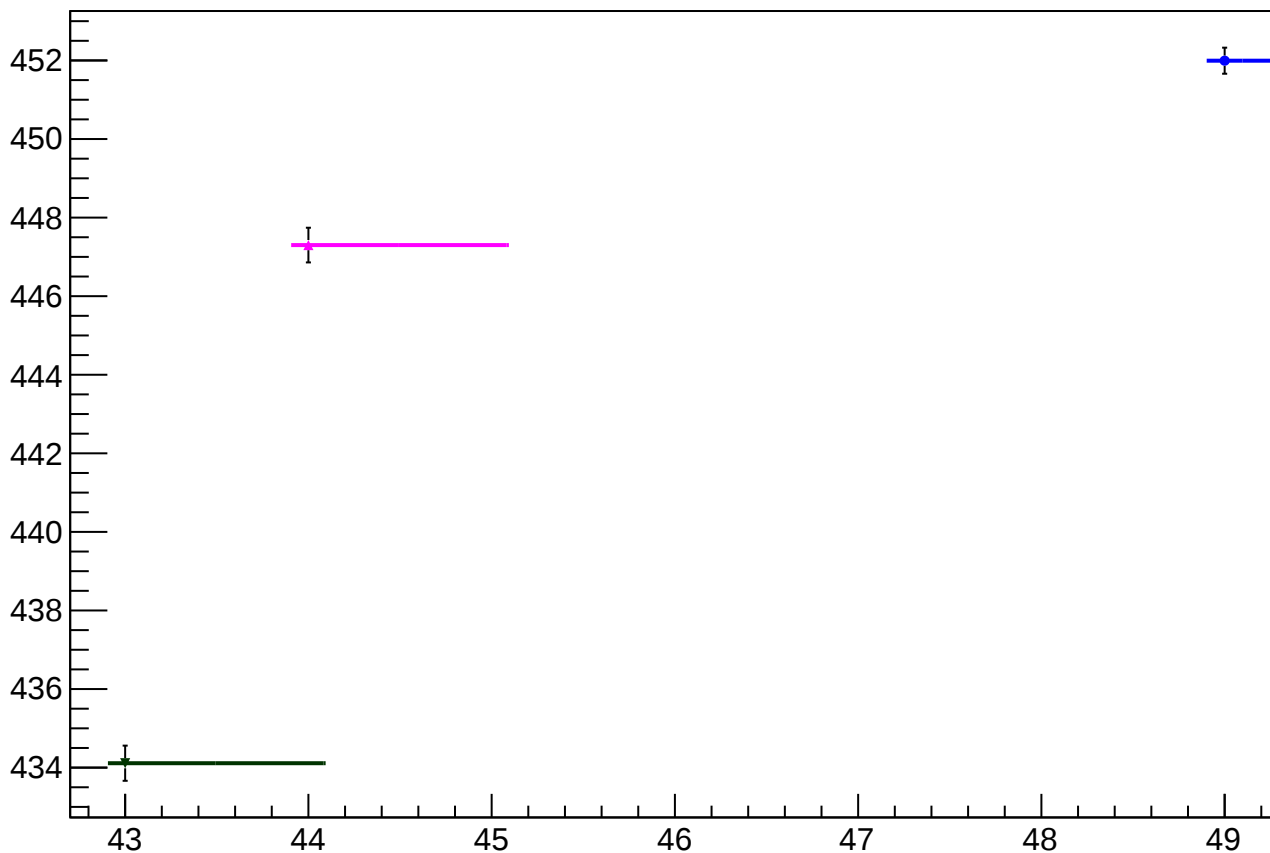
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -680.012+/-624.573 χ^2/NDF : 0.0/0

291.702+/-376.801 χ^2/NDF : 0.0/1

-680.012+/-624.573 χ^2/NDF : 0.0/0

asym_right_agg_avg_rms vs slug



Right In: 451.994 $\pm$ 0.332 χ^2 /NDF: 0.0/0

Left Out: 434.112 $\pm$ 0.448 χ^2 /NDF: 0.0/0

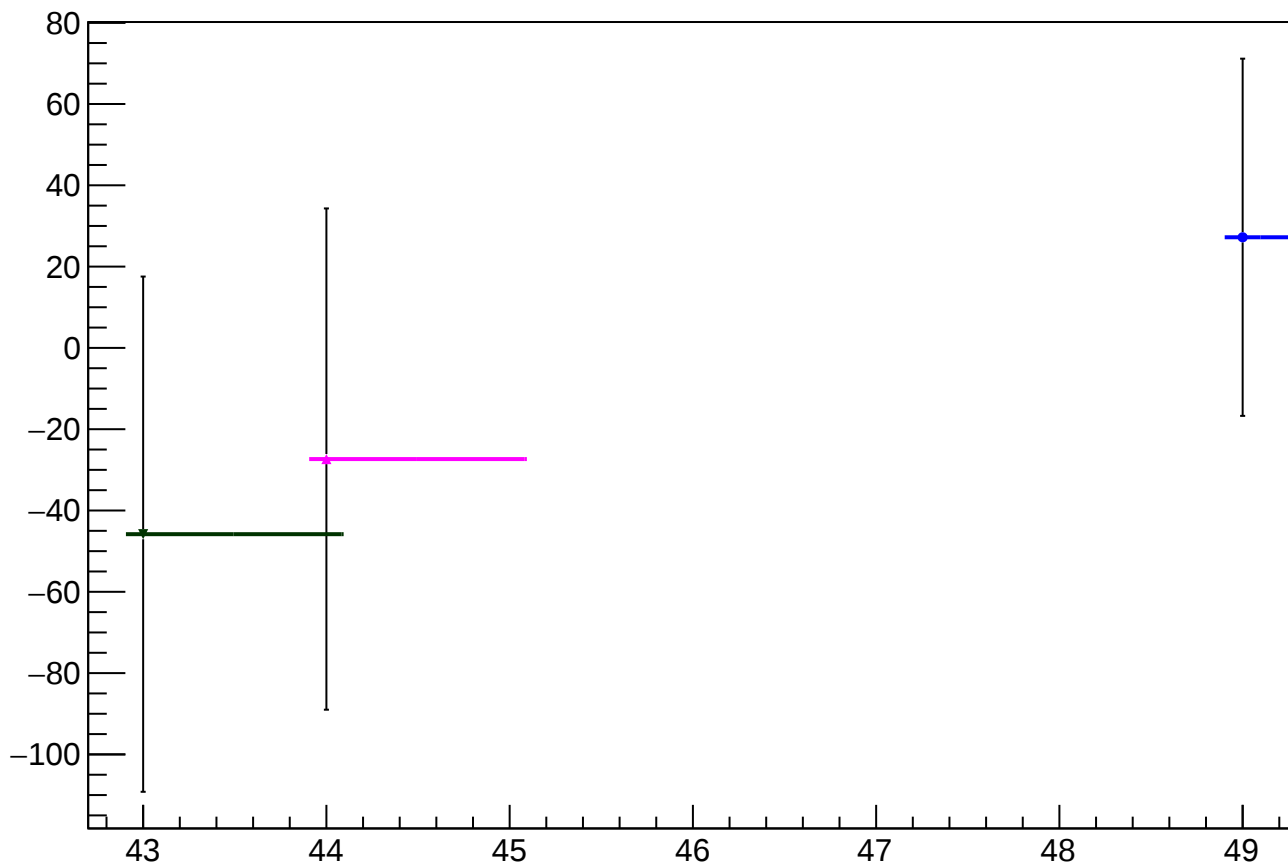
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 447.301 $\pm$ 0.442 χ^2 /NDF: 0.0/0

445.658 $\pm$ 0.266 χ^2 /NDF: 1030.4/1

447.301 $\pm$ 0.442 χ^2 /NDF: 0.0/0

asym_right_agg_dd_mean vs slug



Right In: 27.214+/-43.936 χ^2/NDF : 0.0/0

Left Out: -45.823+/-63.374 χ^2/NDF : 0.0/0

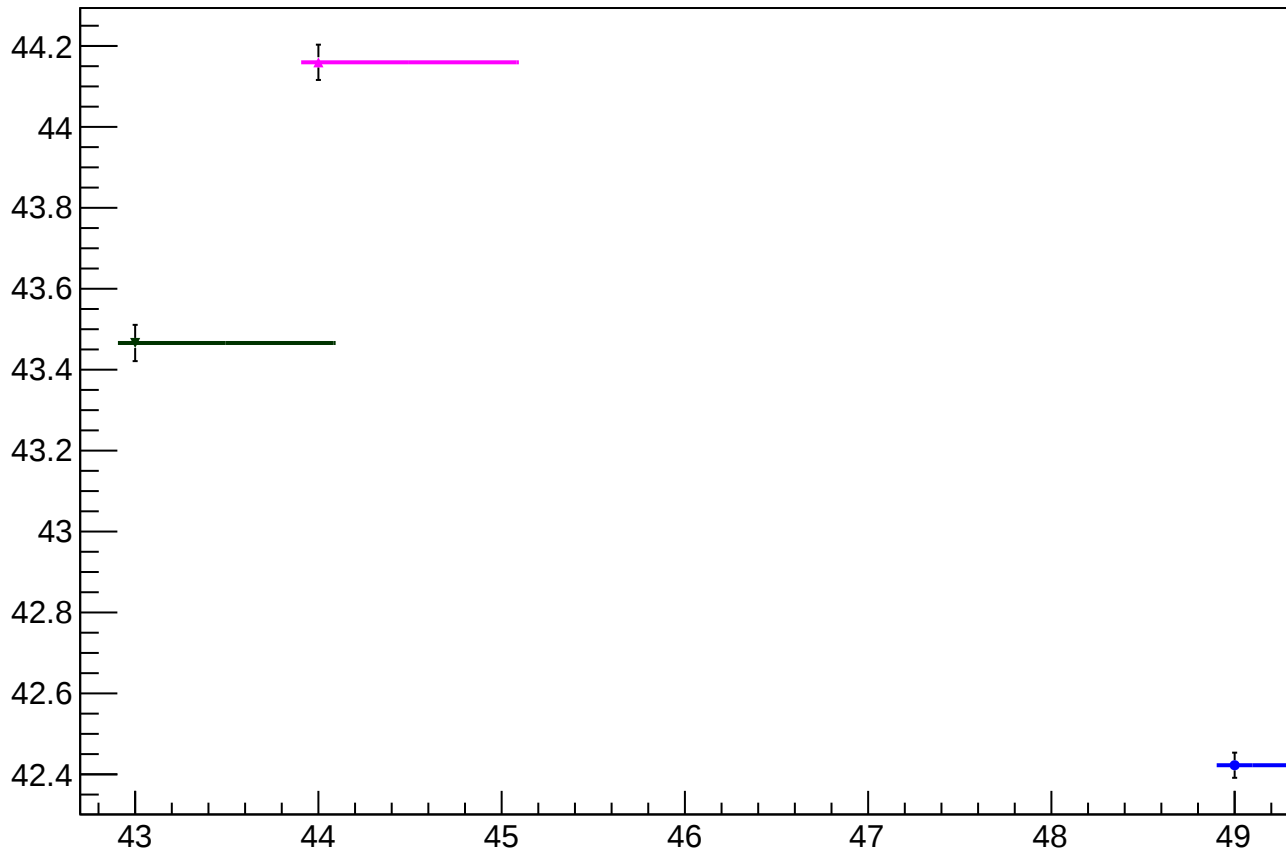
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

3.505+/-36.107 χ^2/NDF : 0.9/1

-27.346+/-61.656 χ^2/NDF : 0.0/0

asym_right_agg_dd_rms vs slug



Right In: 42.423+/-0.031 χ^2 /NDF: 0.0/0

Left Out: 43.466+/-0.045 χ^2 /NDF:0.0/0

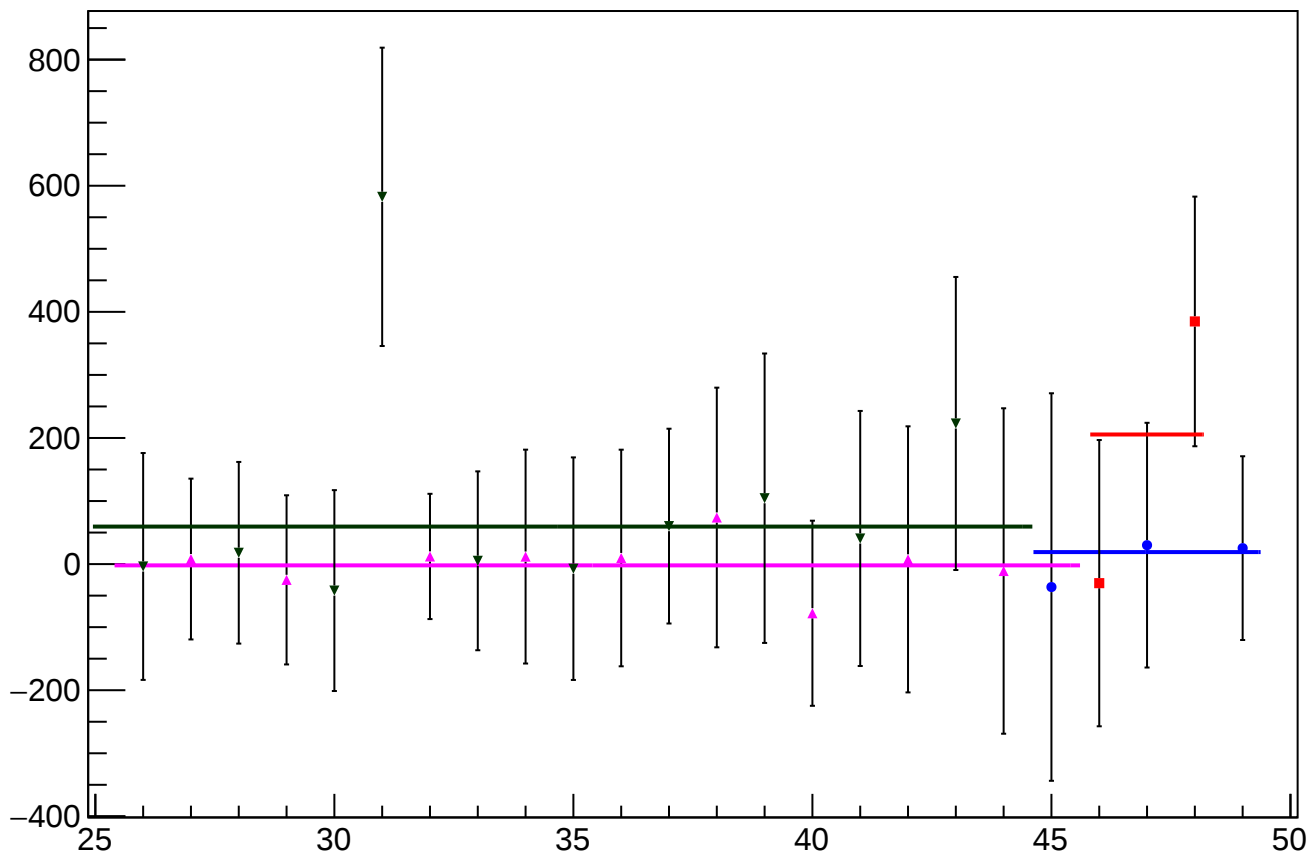
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 44.160+/-0.044 χ^2 /NDF:0.0/0

42.761+/-0.026 χ^2 /NDF: 366.2/1

44.160+/-0.044 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 19.048 ± 108.936 χ^2/NDF : 0.0/2

Left Out: 59.489 ± 55.719 χ^2/NDF : 6.3/9

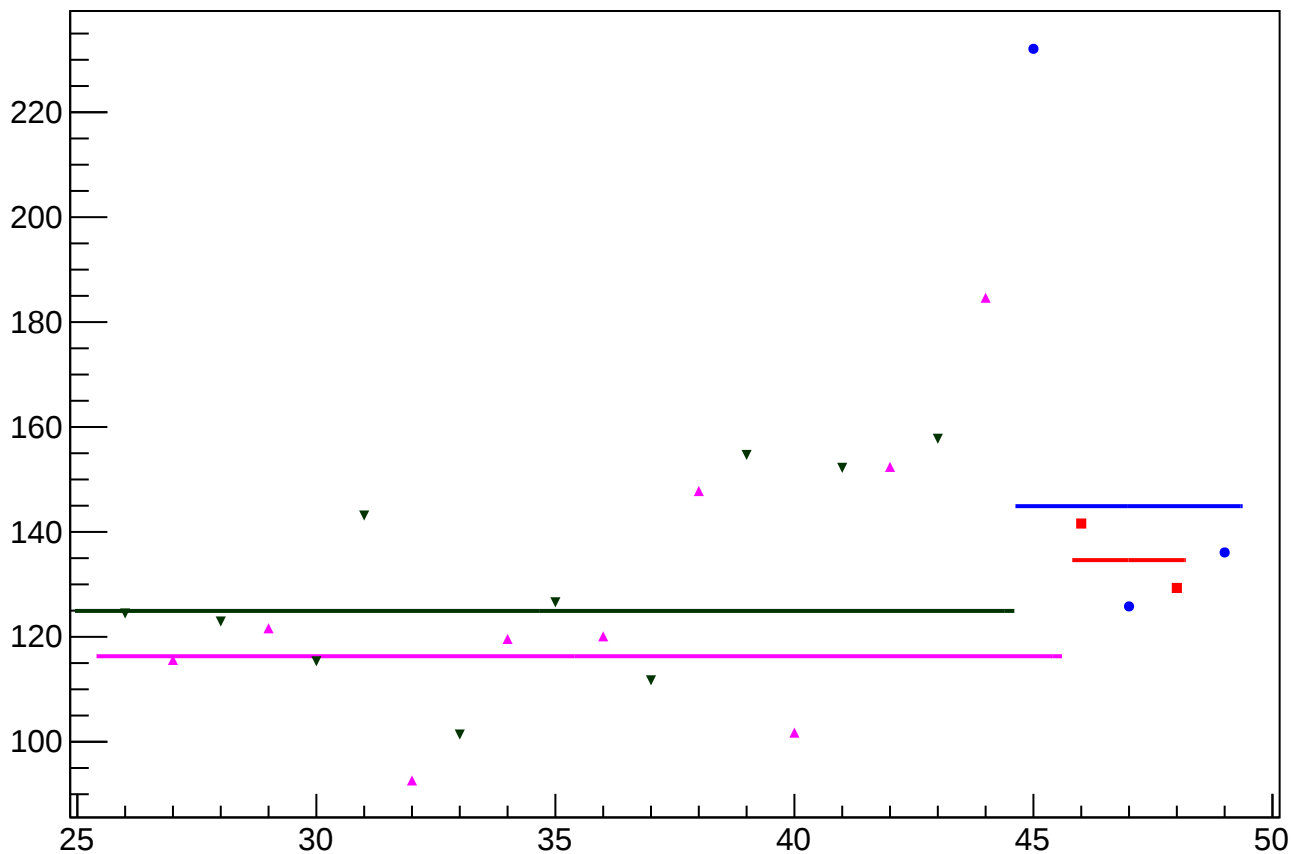
Right Out: 205.534 ± 149.186 χ^2/NDF : 1.9/1

Left In: -2.017 ± 50.338 χ^2/NDF : 0.5/8

51.103 ± 49.607 χ^2/NDF : 6.5/12

19.198 ± 47.696 χ^2/NDF : 4.1/10

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 144.913 $\pm$ 0.077 χ^2 /NDF: 187739.6/2

Left Out: 124.943 $\pm$ 0.039 χ^2 /NDF:199383.4/9

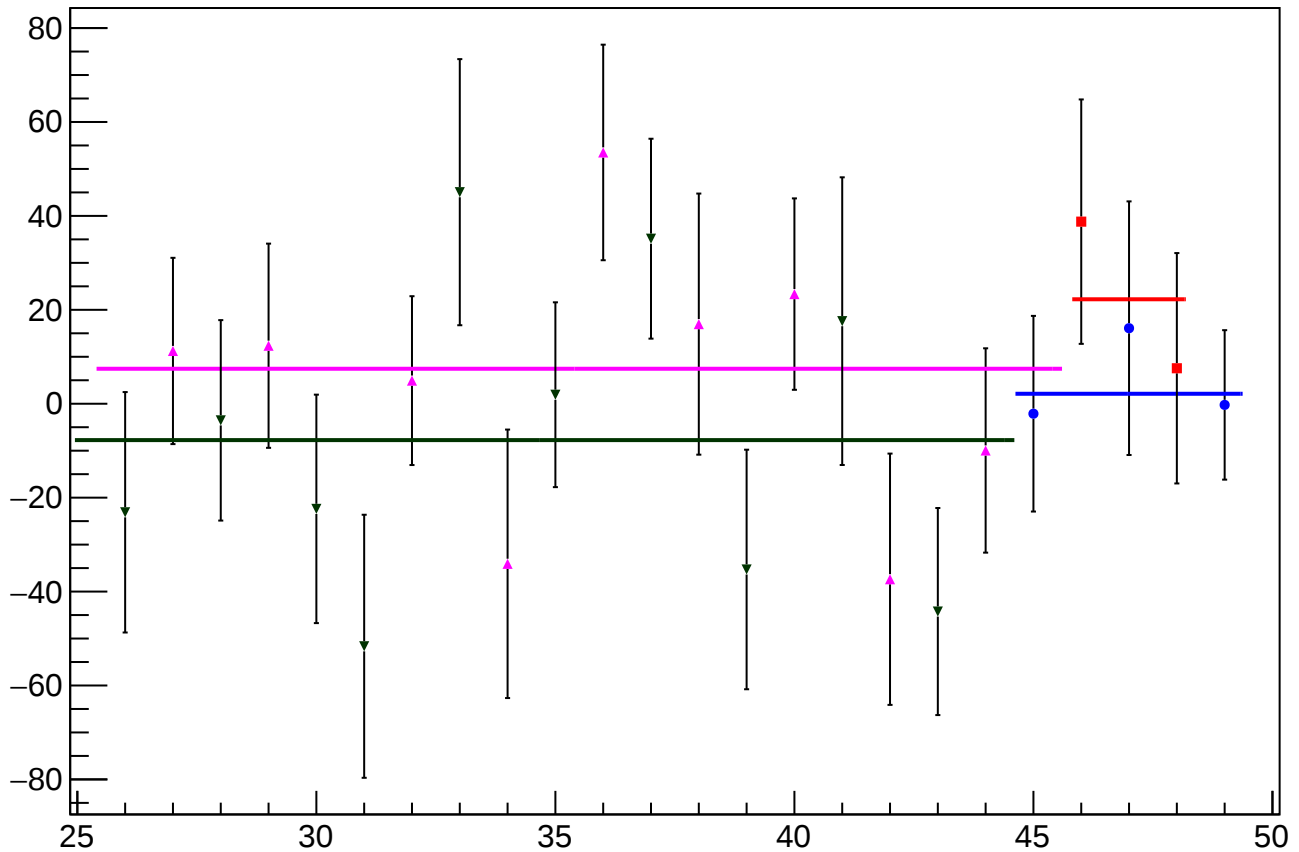
Right Out: 134.626 $\pm$ 0.105 χ^2 /NDF: 3324.9/1

Left In: 116.307 $\pm$ 0.036 χ^2 /NDF:383885.3/8

129.085 $\pm$ 0.035 χ^2 /NDF: 440397.2/12

118.180 $\pm$ 0.034 χ^2 /NDF: 414283.9/10

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 2.123+/-11.452 χ^2 /NDF: 0.3/2

Left Out: -7.744+/-7.585 χ^2 /NDF:15.6/9

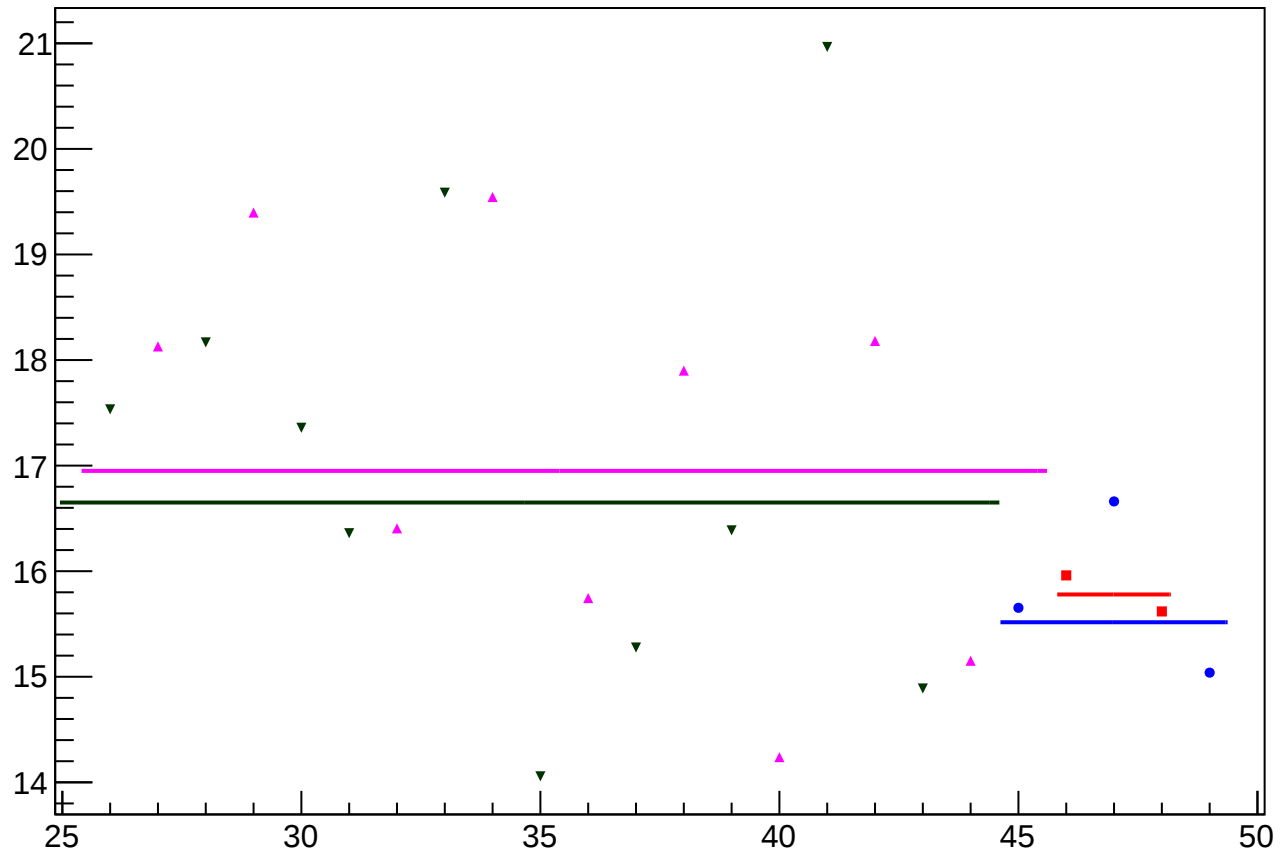
Right Out: 22.244+/-17.851 χ^2 /NDF: 0.8/1

Left In: 7.449+/-7.436 χ^2 /NDF:10.4/8

-4.736+/-6.324 χ^2 /NDF: 16.4/12

9.637+/-6.864 χ^2 /NDF: 11.8/10

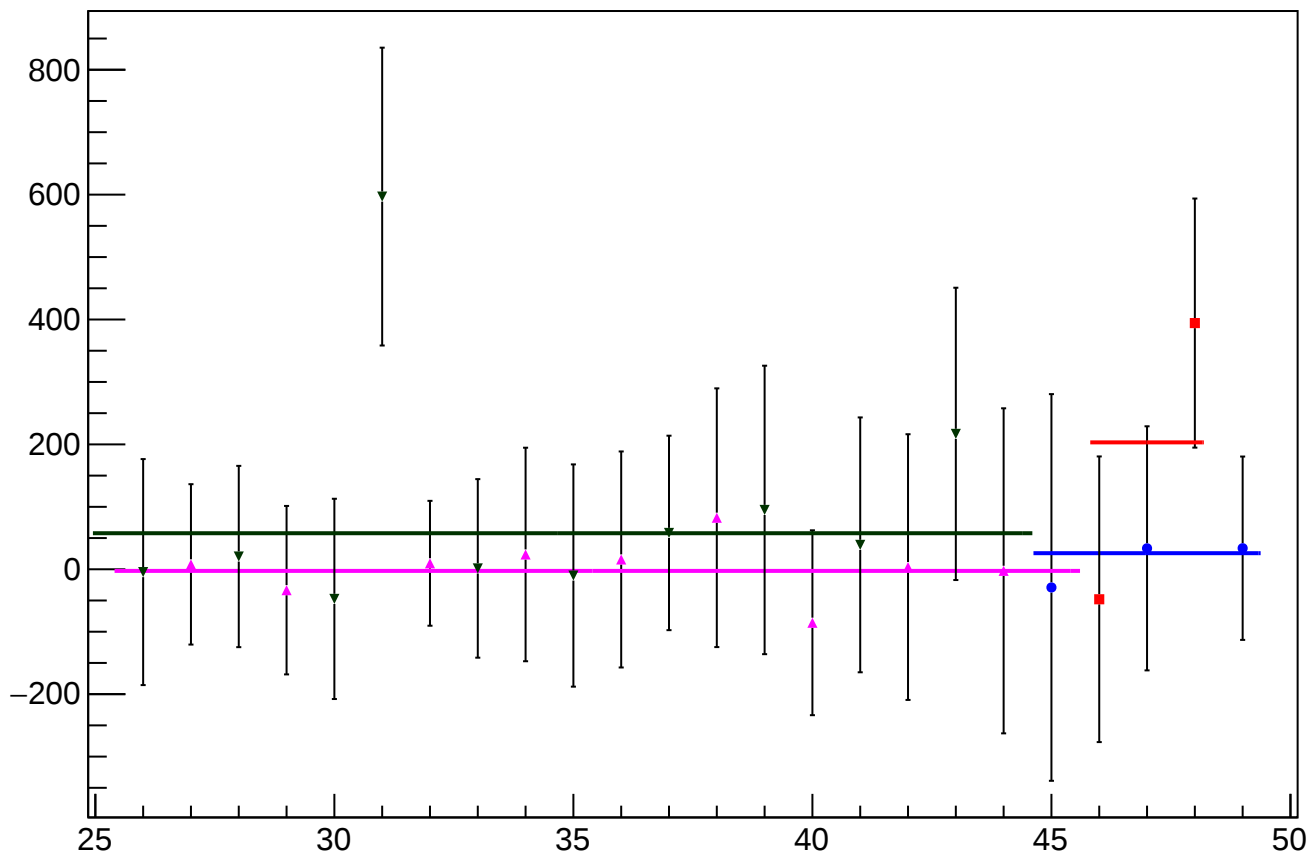
asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.516+/-0.008 χ^2/NDF : 5478.6/2
 Left Out: 16.650+/-0.005 χ^2/NDF :131585.8/9
 Right Out: 15.779+/-0.013 χ^2/NDF : 182.3/1
 Left In: 16.950+/-0.005 χ^2/NDF :111842.2/8

16.305+/-0.004 χ^2/NDF : 150697.4/12
 16.777+/-0.005 χ^2/NDF : 119352.3/10

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 25.769+/-109.769 χ^2/NDF : 0.0/2

Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

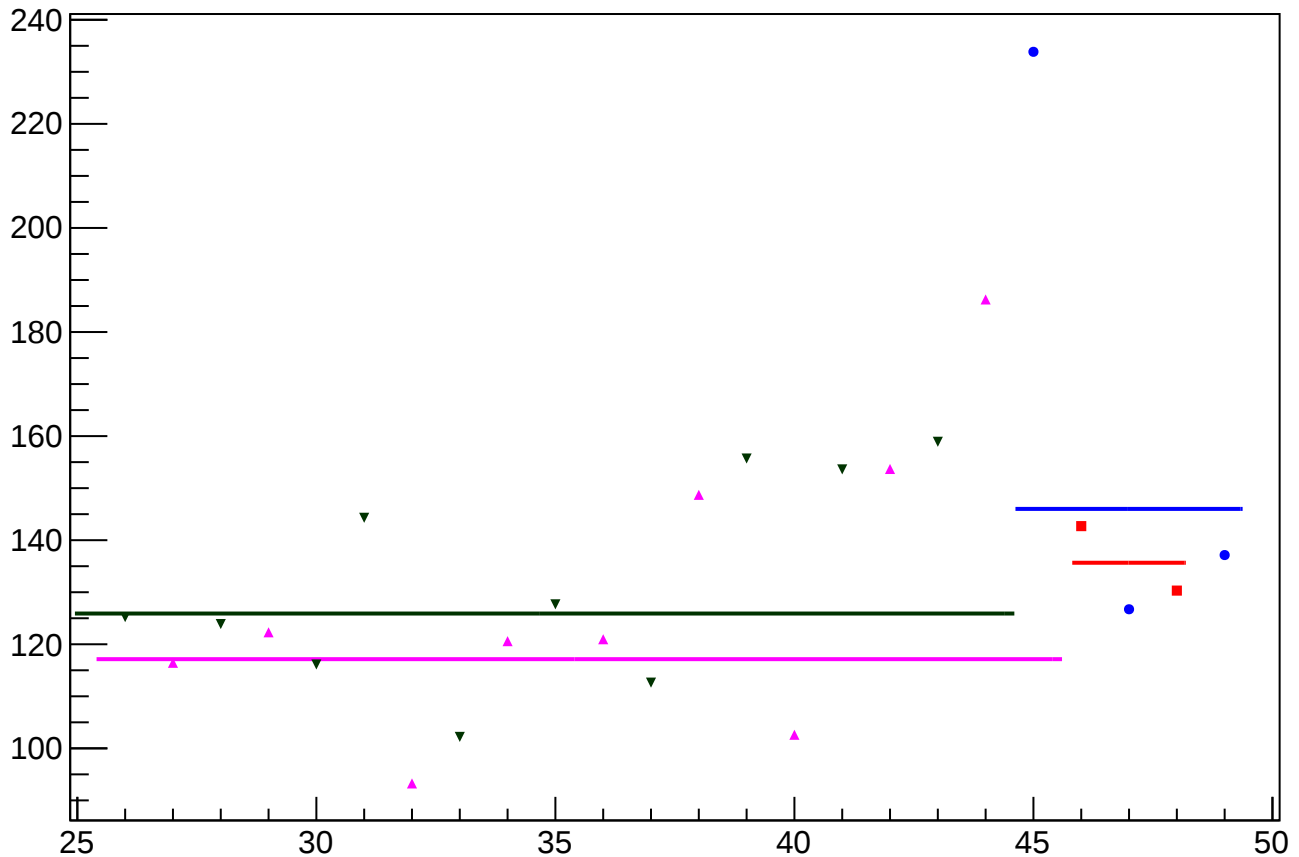
Right Out: 203.228+/-150.334 χ^2/NDF : 2.1/1

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

51.106+/-49.989 χ^2/NDF : 6.6/12

18.418+/-48.044 χ^2/NDF : 4.4/10

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 146.012 $\pm$ 0.078 χ^2 /NDF: 187711.0/2

Left Out: 125.907 $\pm$ 0.040 χ^2 /NDF: 199353.5/9

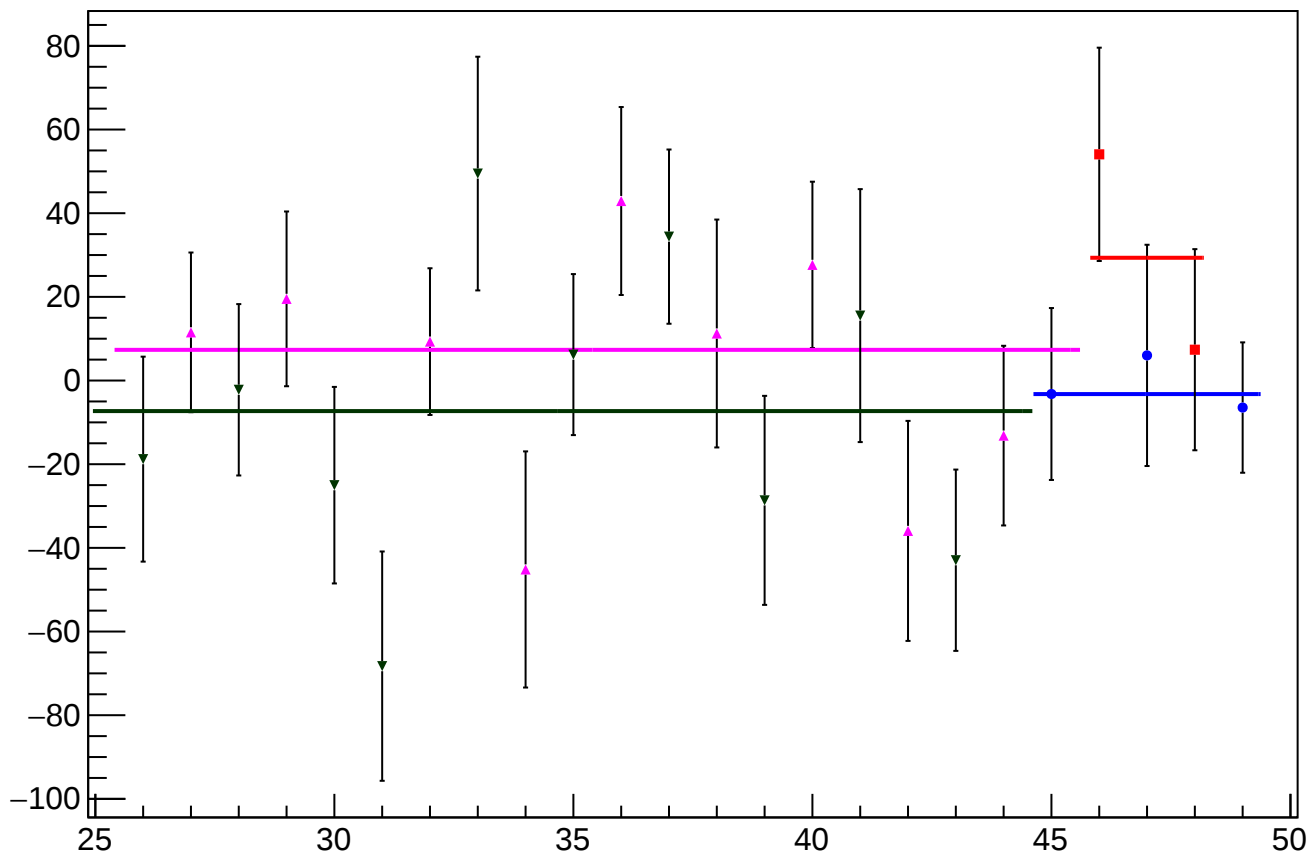
Right Out: 135.665 $\pm$ 0.106 χ^2 /NDF: 3332.9/1

Left In: 117.138 $\pm$ 0.036 χ^2 /NDF: 384637.6/8

130.076 $\pm$ 0.035 χ^2 /NDF: 440244.3/12

119.030 $\pm$ 0.034 χ^2 /NDF: 415244.0/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.237+/-11.239 χ^2/NDF : 0.2/2

Left Out: -7.303+/-7.391 χ^2/NDF : 18.4/9

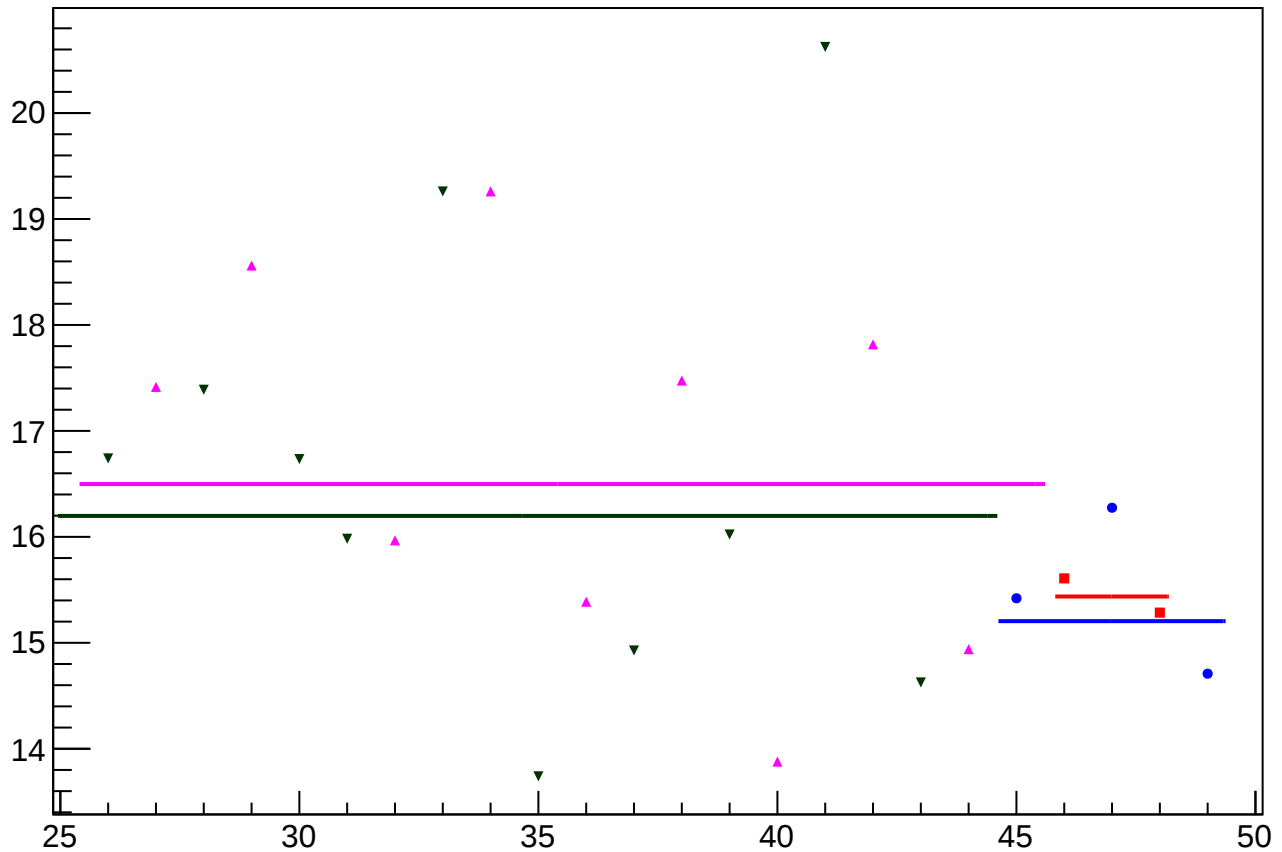
Right Out: 29.348+/-17.492 χ^2/NDF : 1.8/1

Left In: 7.338+/-7.251 χ^2/NDF : 11.1/8

-6.075+/-6.175 χ^2/NDF : 18.7/12

10.566+/-6.698 χ^2/NDF : 14.2/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.204 $\pm$ 0.008 χ^2 /NDF: 5521.2/2

Left Out: 16.198 $\pm$ 0.005 χ^2 /NDF: 126492.9/9

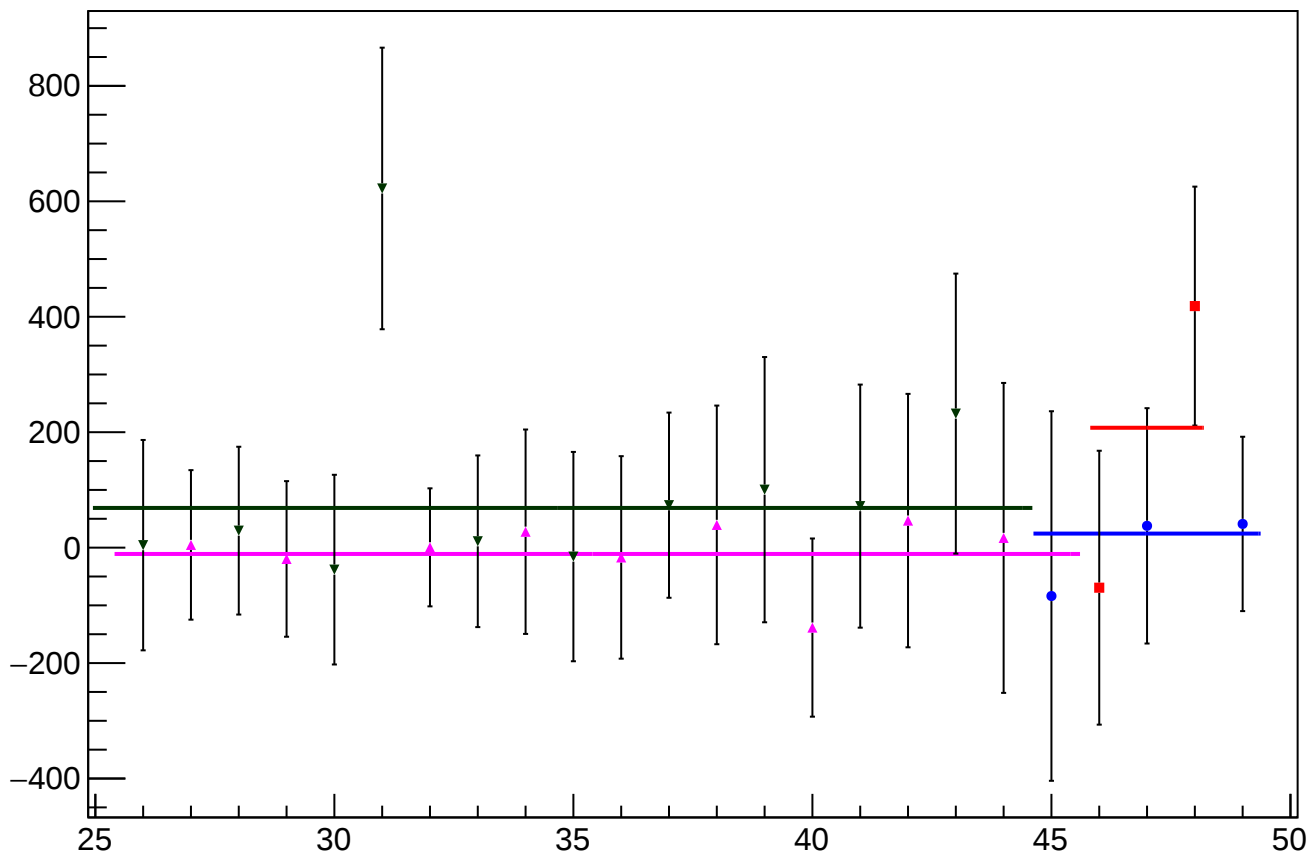
Right Out: 15.437 $\pm$ 0.012 χ^2 /NDF: 170.2/1

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102858.3/8

15.898 $\pm$ 0.004 χ^2 /NDF: 142918.5/12

16.343 $\pm$ 0.005 χ^2 /NDF: 109314.2/10

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 24.361+/-113.481 χ^2/NDF : 0.1/2

Left Out: 68.786+/-57.328 χ^2/NDF : 6.6/9

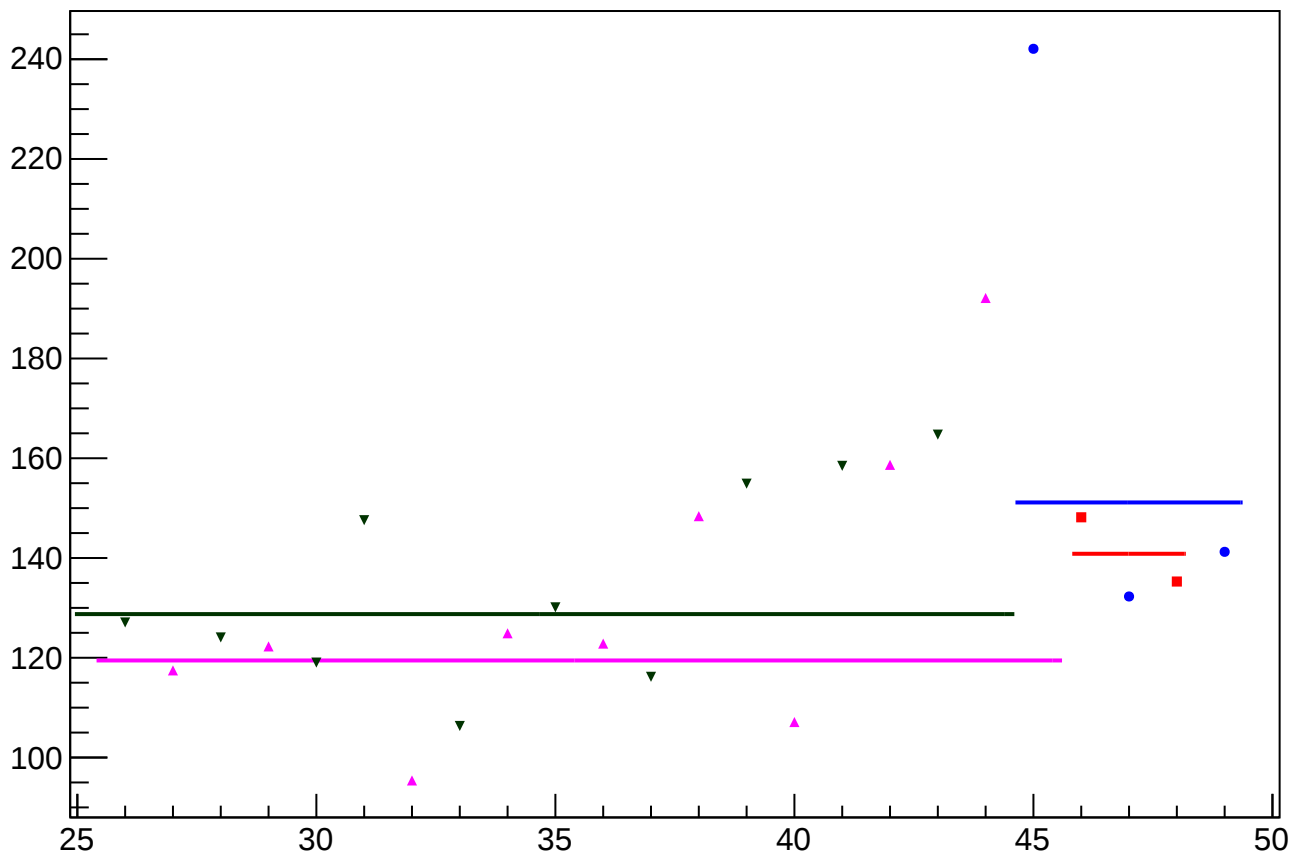
Right Out: 207.697+/-155.956 χ^2/NDF : 2.4/1

Left In: -10.941+/-51.660 χ^2/NDF : 0.9/8

59.753+/-51.169 χ^2/NDF : 6.9/12

10.677+/-49.040 χ^2/NDF : 5.1/10

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 151.139 ± 0.080 χ^2/NDF : 187130.8/2

Left Out: 128.755 ± 0.041 χ^2/NDF : 188808.0/9

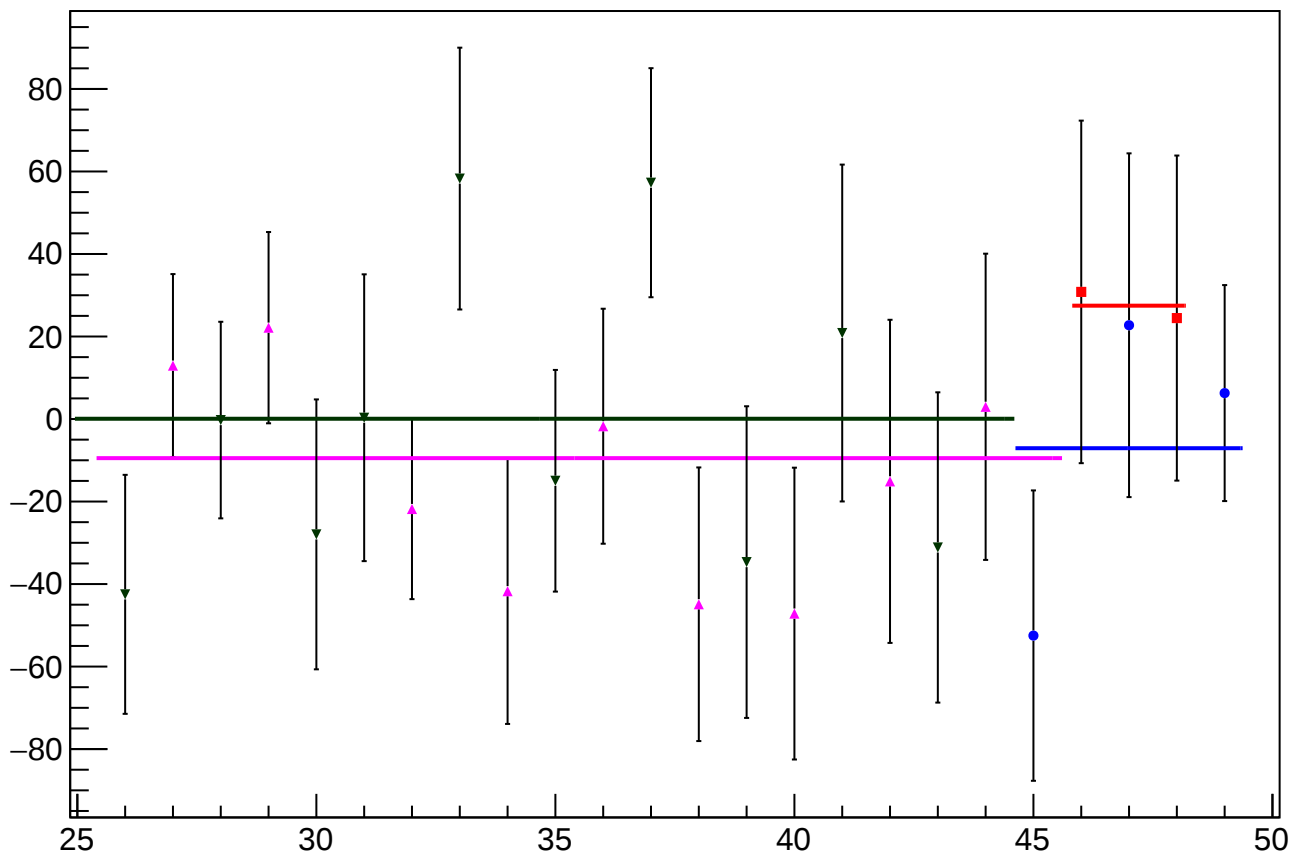
Right Out: 140.849 ± 0.110 χ^2/NDF : 3345.8/1

Left In: 119.459 ± 0.037 χ^2/NDF : 377012.5/8

133.306 ± 0.036 χ^2/NDF : 437927.1/12

121.574 ± 0.035 χ^2/NDF : 414261.4/10

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.074 $\pm$ 18.754 χ^2/NDF : 2.4/2

Left Out: 0.067 $\pm$ 9.805 χ^2/NDF : 12.6/9

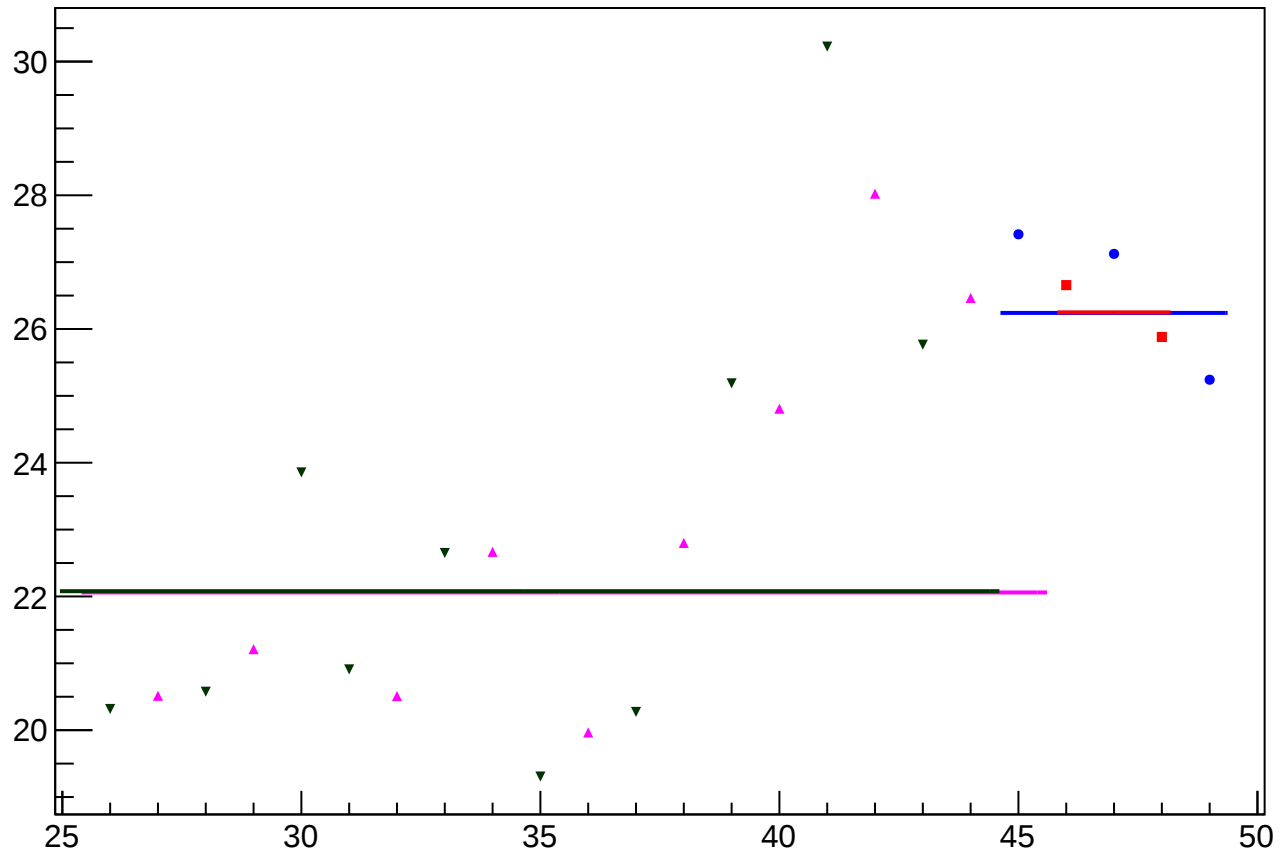
Right Out: 27.474 $\pm$ 28.576 χ^2/NDF : 0.0/1

Left In: -9.482 $\pm$ 9.418 χ^2/NDF : 6.7/8

-1.466 $\pm$ 8.689 χ^2/NDF : 15.2/12

-5.861 $\pm$ 8.945 χ^2/NDF : 8.2/10

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.241 $\pm$ 0.013 χ^2/NDF : 6046.2/2

Left Out: 22.079 $\pm$ 0.007 χ^2/NDF :166332.3/9

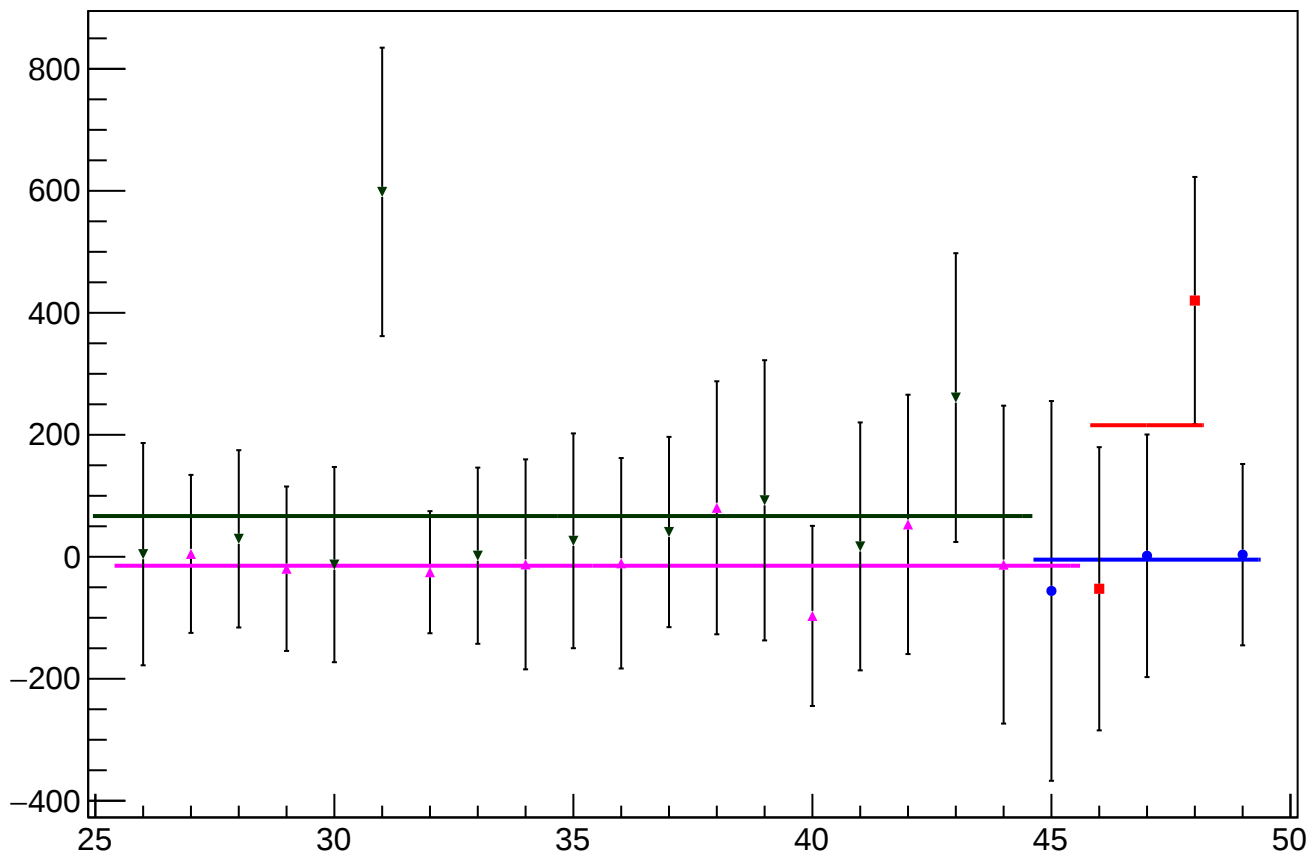
Right Out: 26.248 $\pm$ 0.020 χ^2/NDF : 367.1/1

Left In: 22.060 $\pm$ 0.007 χ^2/NDF :121609.5/8

22.972 $\pm$ 0.006 χ^2/NDF : 249732.5/12

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: -4.678 ± 111.216 $\chi^2/\text{NDF}: 0.0/2$

Left Out: 66.787 ± 56.199 $\chi^2/\text{NDF}: 6.5/9$

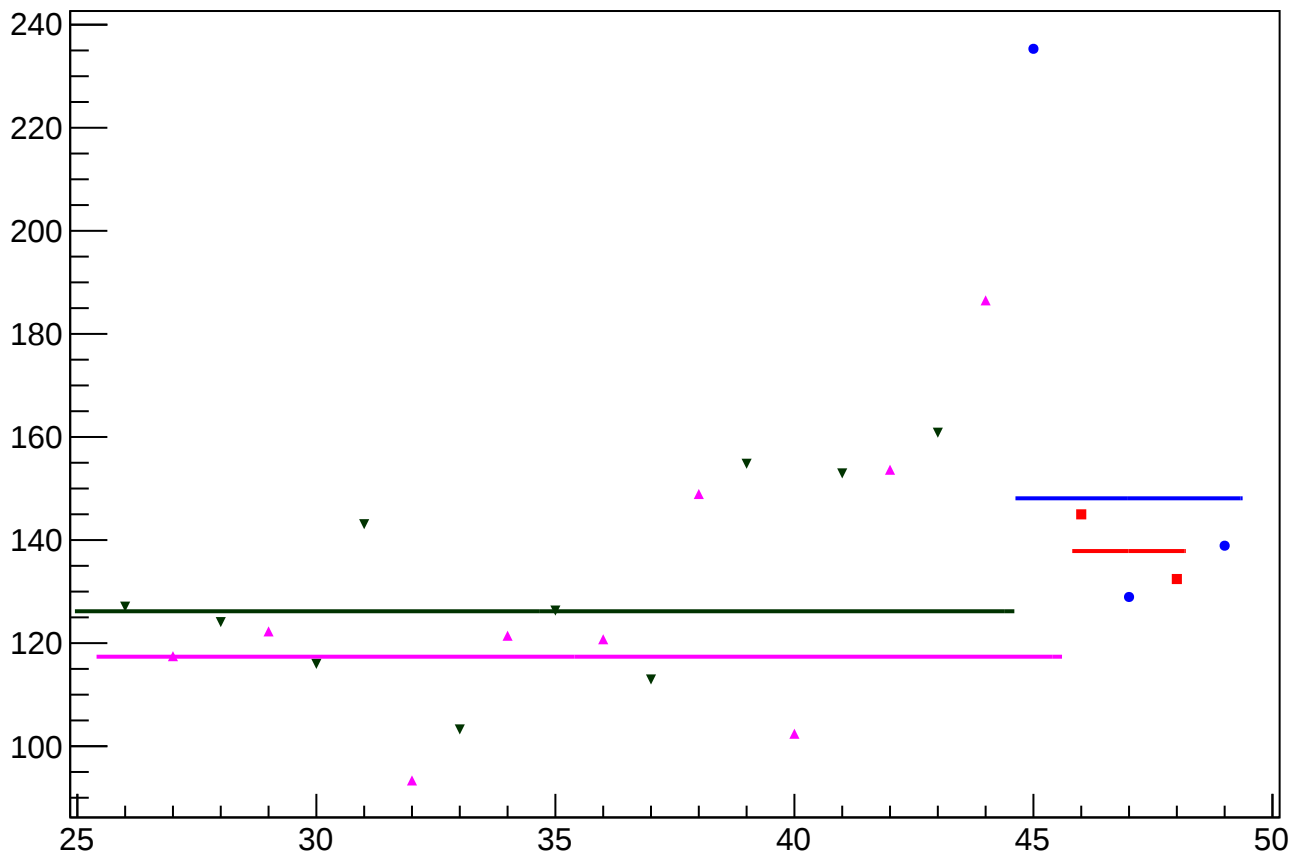
Right Out: 215.711 ± 152.692 $\chi^2/\text{NDF}: 2.4/1$

Left In: -14.653 ± 50.783 $\chi^2/\text{NDF}: 0.7/8$

52.251 ± 50.159 $\chi^2/\text{NDF}: 6.9/12$

8.290 ± 48.188 $\chi^2/\text{NDF}: 5.1/10$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 148.100 $\pm$ 0.079 χ^2 /NDF: 183166.4/2

Left Out: 126.184 $\pm$ 0.040 χ^2 /NDF: 192128.0/9

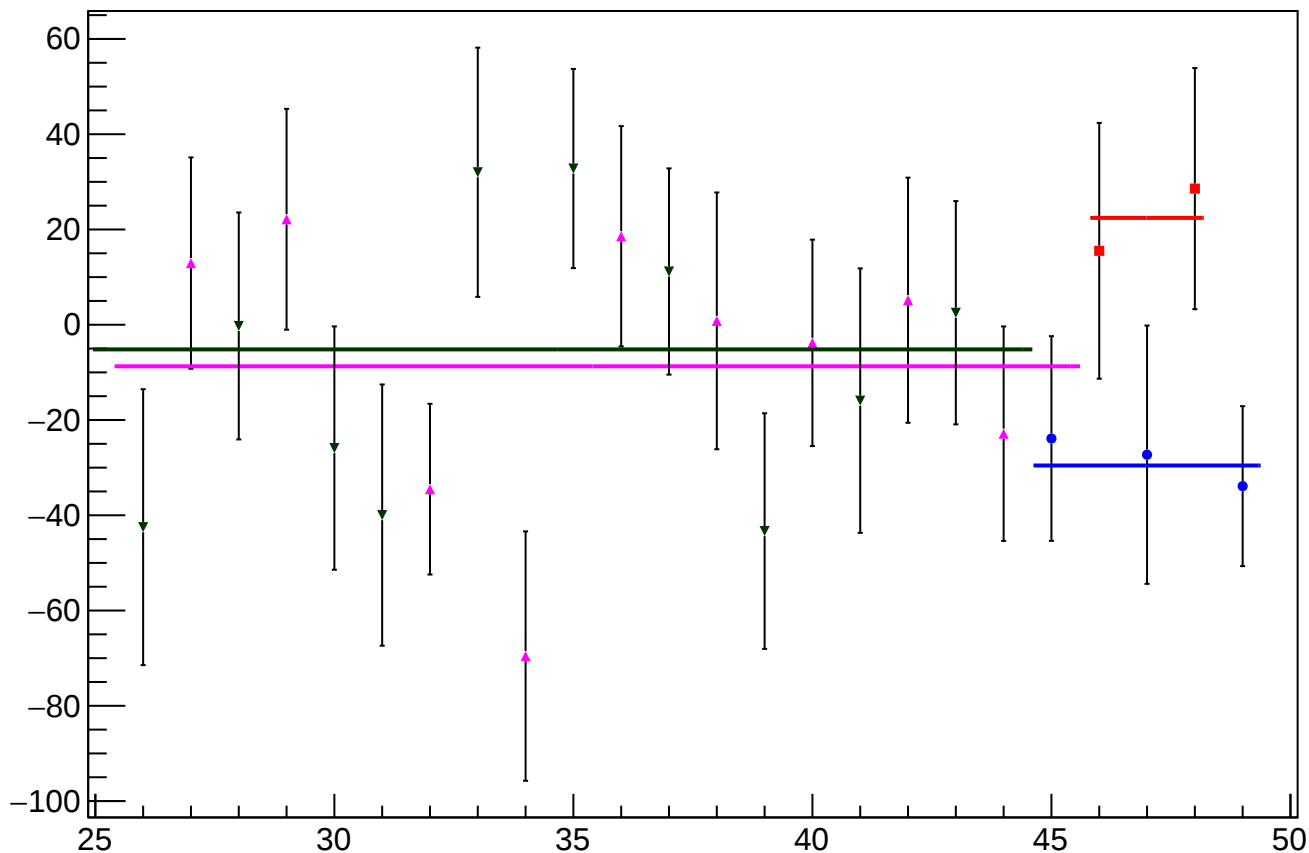
Right Out: 137.867 $\pm$ 0.108 χ^2 /NDF: 3317.0/1

Left In: 117.367 $\pm$ 0.036 χ^2 /NDF: 385462.1/8

130.641 $\pm$ 0.035 χ^2 /NDF: 437161.8/12

119.408 $\pm$ 0.034 χ^2 /NDF: 421240.8/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -29.549 $\pm$ 11.889 χ^2/NDF : 0.1/2

Left Out: -5.176 $\pm$ 7.796 χ^2/NDF : 12.5/9

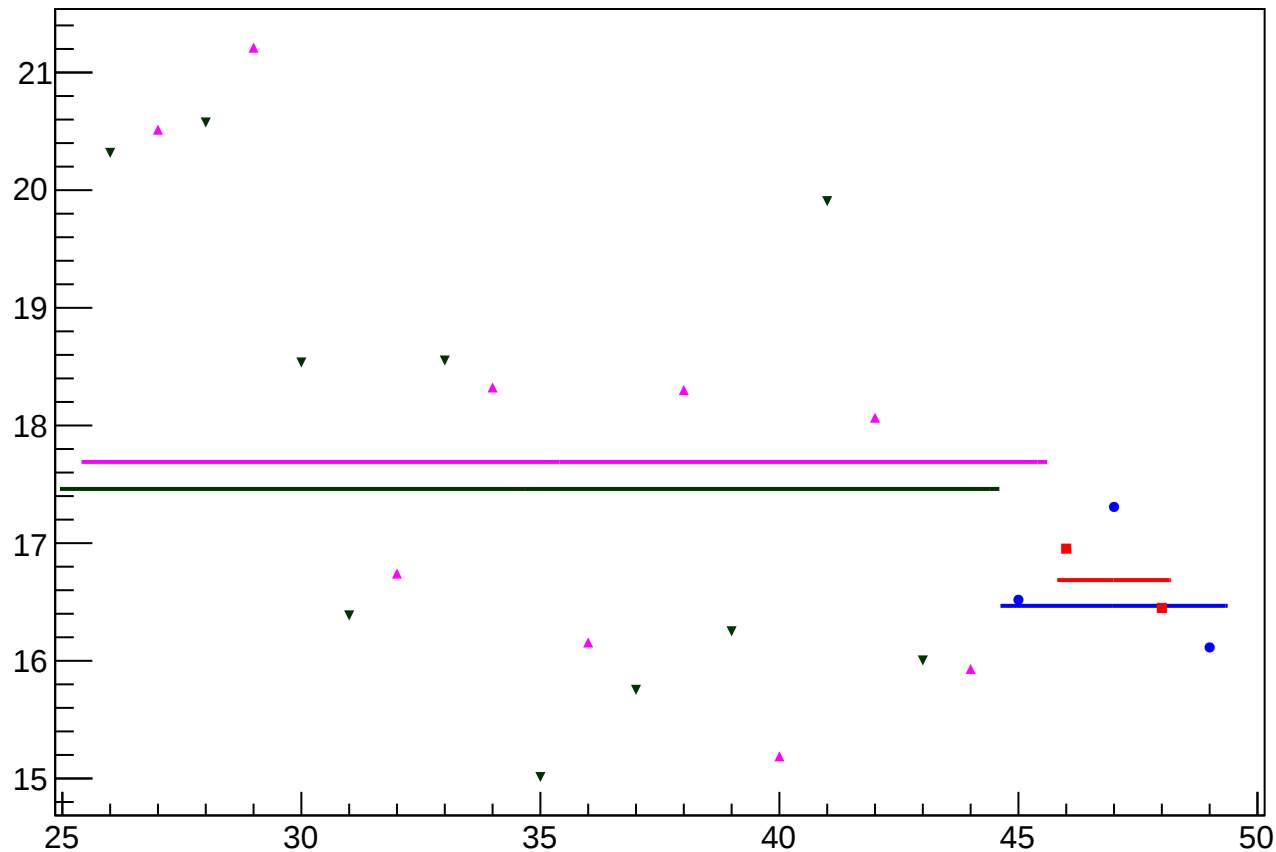
Right Out: 22.435 $\pm$ 18.420 χ^2/NDF : 0.1/1

Left In: -8.720 $\pm$ 7.598 χ^2/NDF : 12.5/8

-12.505 $\pm$ 6.520 χ^2/NDF : 15.6/12

-4.190 $\pm$ 7.024 χ^2/NDF : 15.0/10

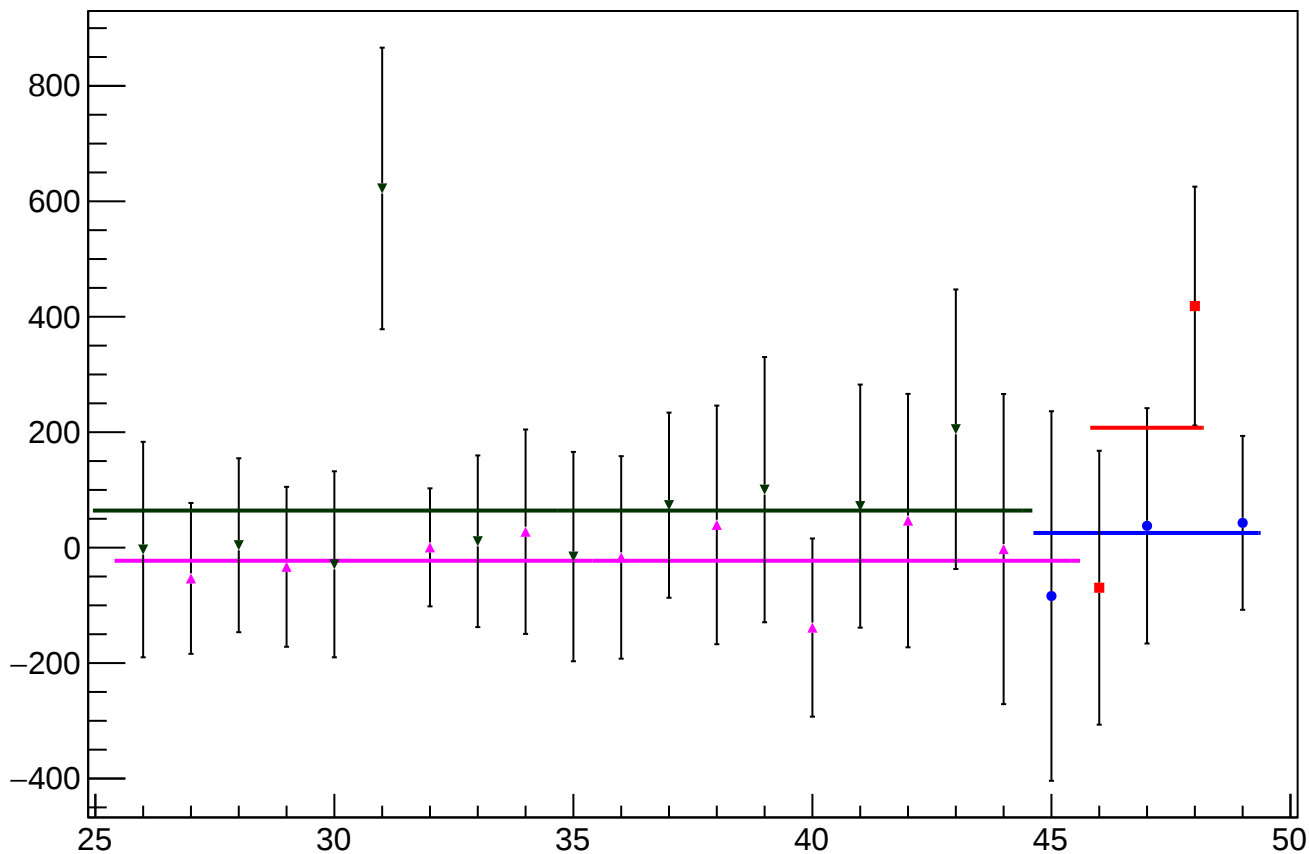
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.467+/-0.008 χ^2/NDF : 2819.8/2
 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

17.162+/-0.005 χ^2/NDF : 144222.1/12
 17.544+/-0.005 χ^2/NDF : 139895.7/10

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 25.446 $\pm$ 113.311 χ^2 /NDF: 0.1/2

Left Out: 64.255 $\pm$ 57.630 χ^2 /NDF: 6.5/9

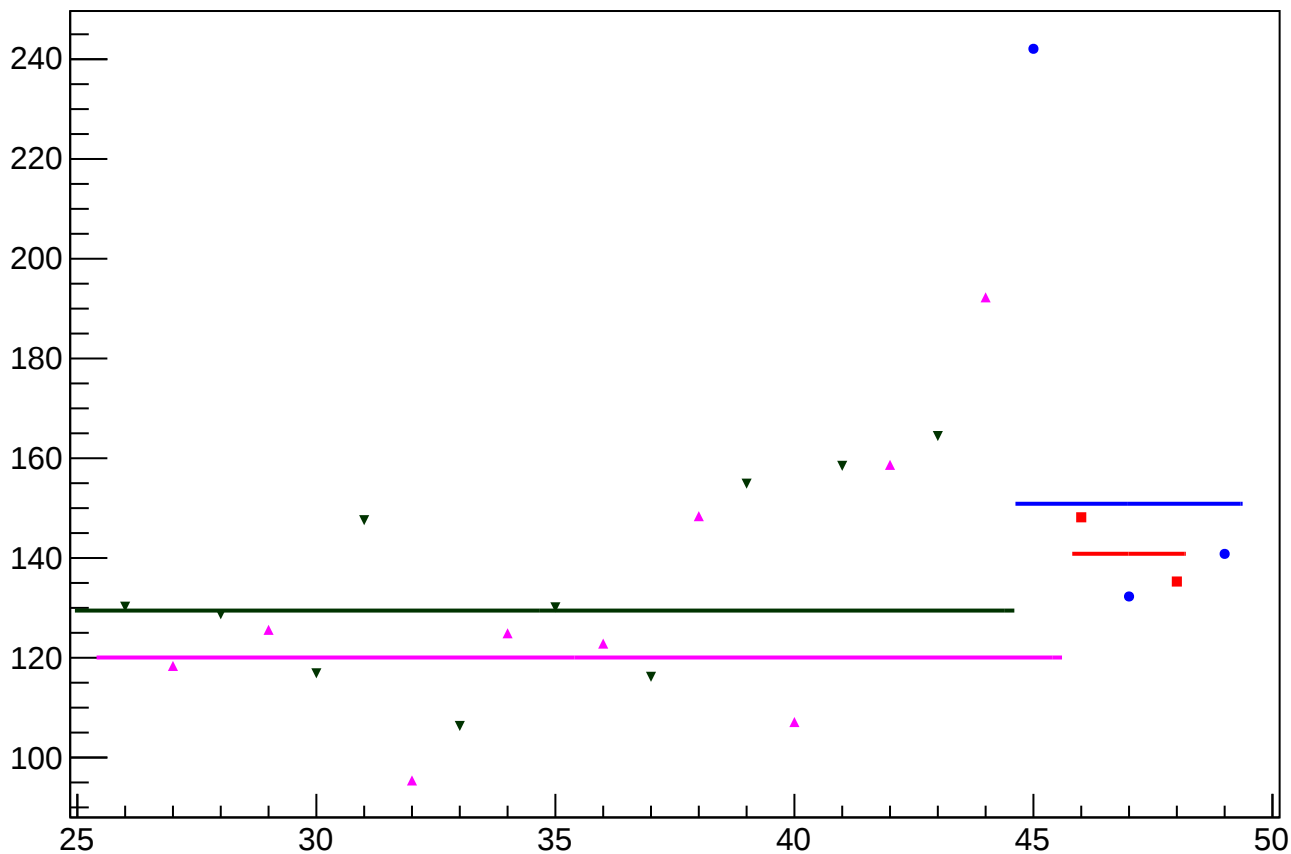
Right Out: 207.697 $\pm$ 155.956 χ^2 /NDF: 2.4/1

Left In: -22.721 $\pm$ 51.941 χ^2 /NDF: 1.0/8

56.279 $\pm$ 51.368 χ^2 /NDF: 6.8/12

0.285 $\pm$ 49.280 χ^2 /NDF: 5.3/10

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 150.876+/-0.080 χ^2/NDF : 187897.7/2

Left Out: 129.462+/-0.041 χ^2/NDF : 189687.2/9

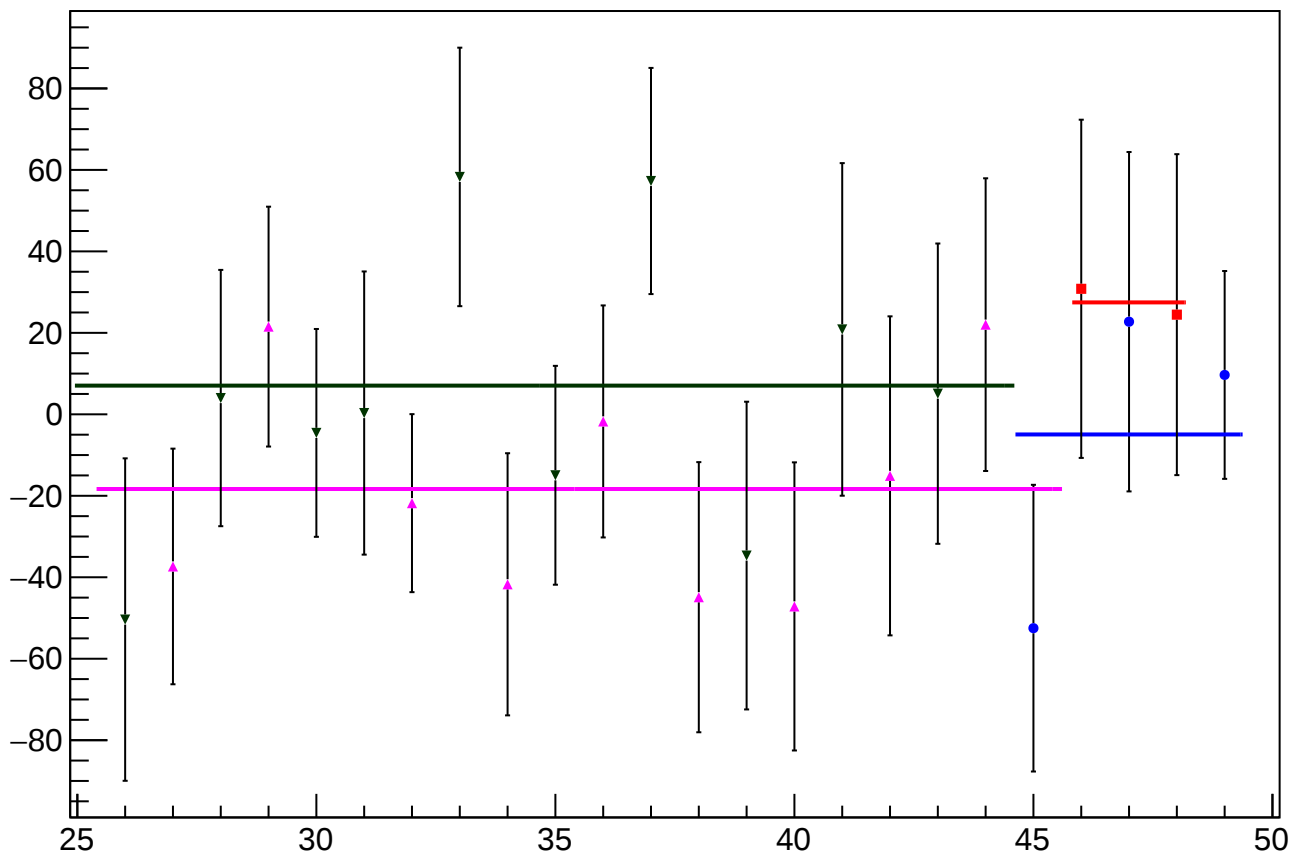
Right Out: 140.849+/-0.110 χ^2/NDF : 3345.8/1

Left In: 120.052+/-0.037 χ^2/NDF : 379795.5/8

133.863+/-0.036 χ^2/NDF : 434337.7/12

122.129+/-0.035 χ^2/NDF : 415156.5/10

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -4.943 ± 18.505 $\chi^2/\text{NDF}: 2.6/2$

Left Out: 7.046 ± 10.139 $\chi^2/\text{NDF}: 10.2/9$

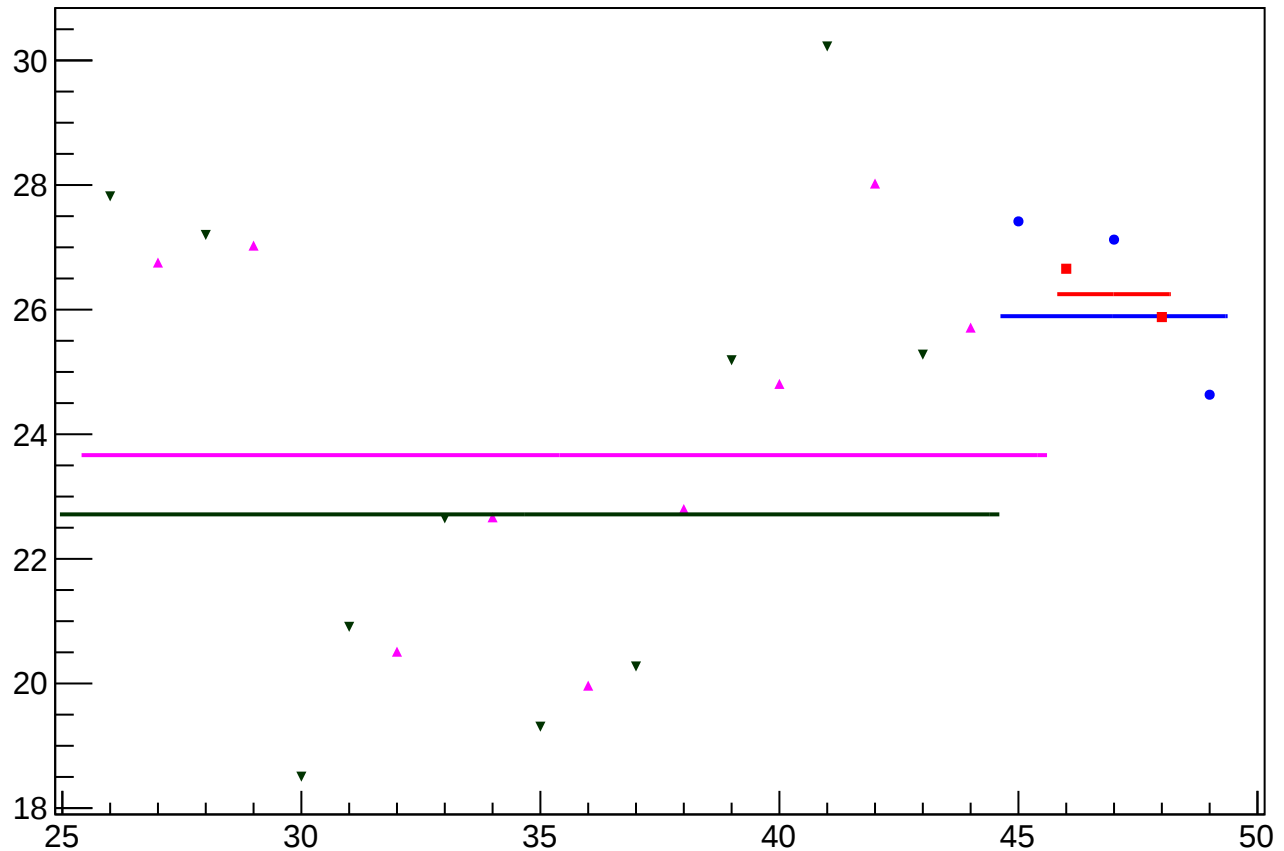
Right Out: 27.474 ± 28.576 $\chi^2/\text{NDF}: 0.0/1$

Left In: -18.334 ± 10.112 $\chi^2/\text{NDF}: 5.7/8$

4.278 ± 8.892 $\chi^2/\text{NDF}: 13.2/12$

-13.236 ± 9.533 $\chi^2/\text{NDF}: 8.0/10$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.895+/-0.013 χ^2/NDF : 10361.5/2

Left Out: 22.714+/-0.007 χ^2/NDF : 267334.5/9

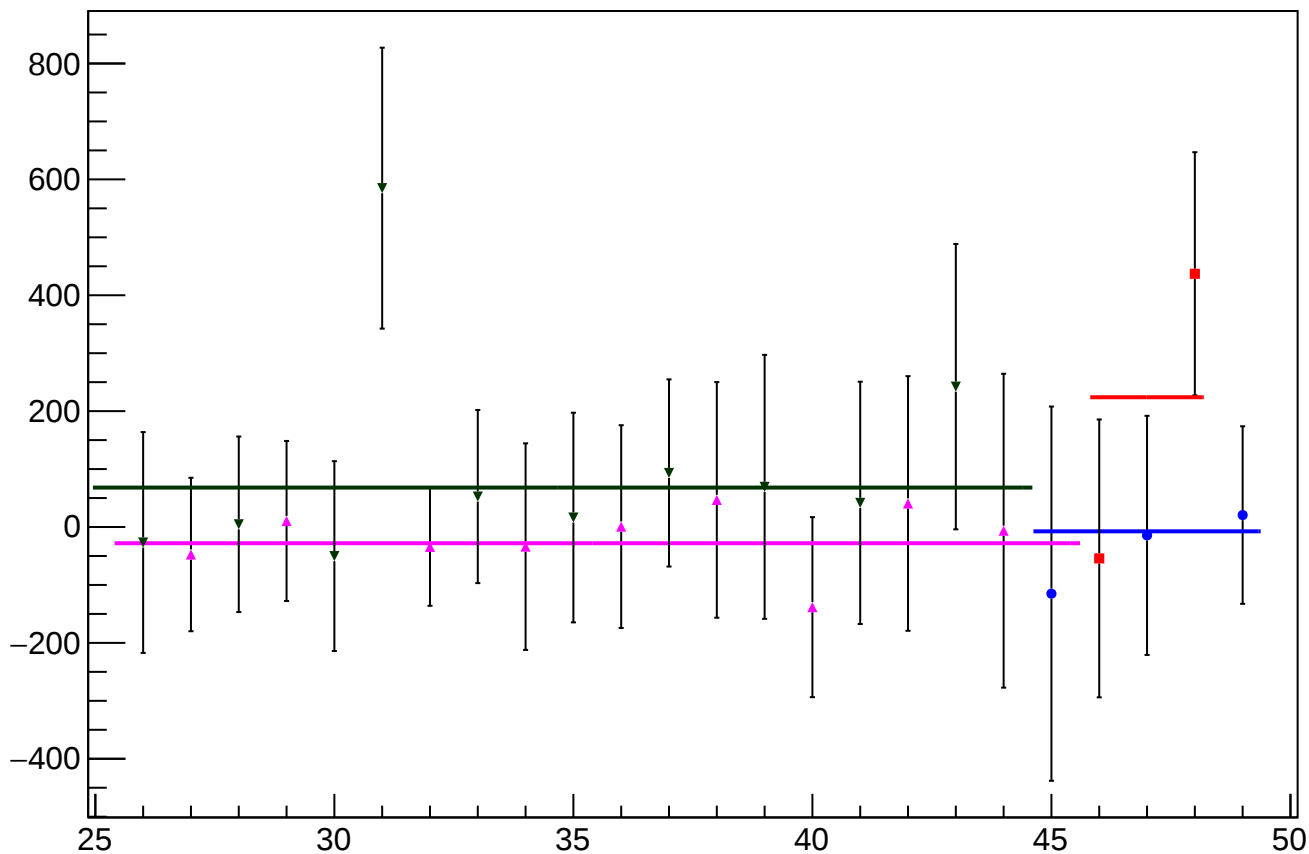
23.449+/-0.006 χ^2/NDF : 323143.1/12

Right Out: 26.248+/-0.020 χ^2/NDF : 367.1/1

23.952+/-0.007 χ^2/NDF : 175917.1/10

Left In: 23.665+/-0.007 χ^2/NDF : 161021.9/8

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -7.446+/-114.959 χ^2/NDF : 0.1/2

Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

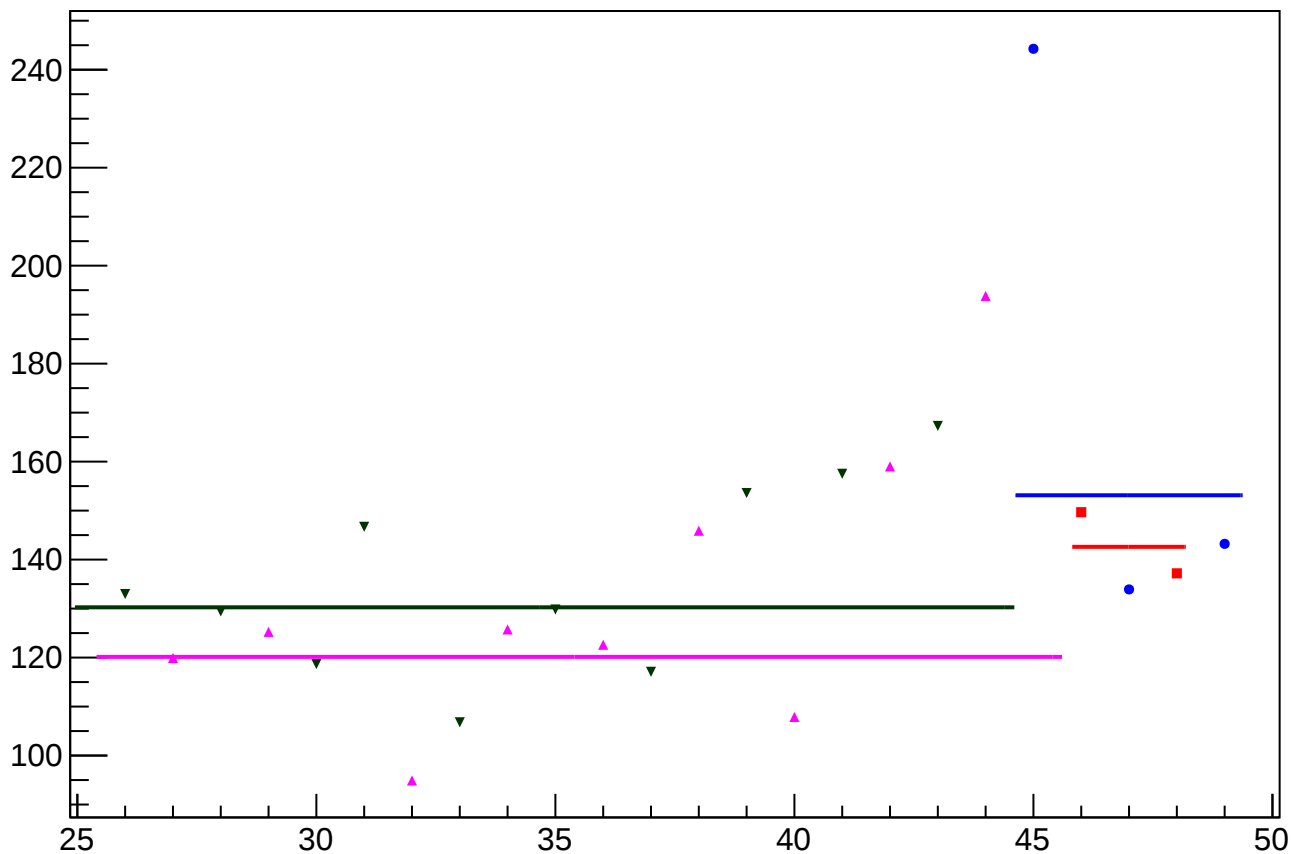
Right Out: 223.969+/-157.922 χ^2/NDF : 2.4/1

Left In: -27.981+/-51.982 χ^2/NDF : 0.9/8

52.757+/-51.753 χ^2/NDF : 6.6/12

-3.352+/-49.376 χ^2/NDF : 5.5/10

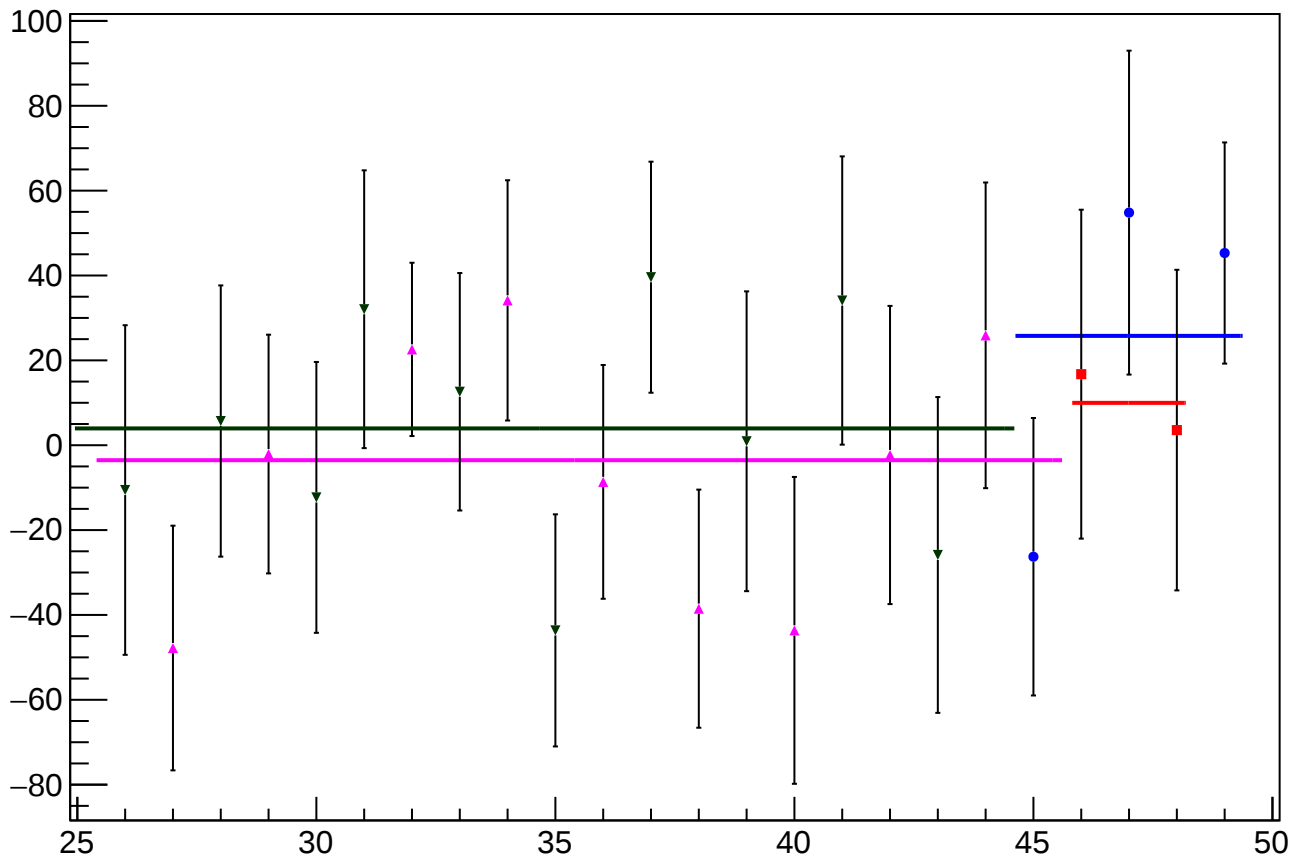
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



134.893 ± 0.037 $\chi^2/\text{NDF}: 430616.3/12$

122.341 ± 0.035 $\chi^2/\text{NDF}: 422762.1/10$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 25.771 $\pm$ 17.979 χ^2 /NDF: 3.7/2

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

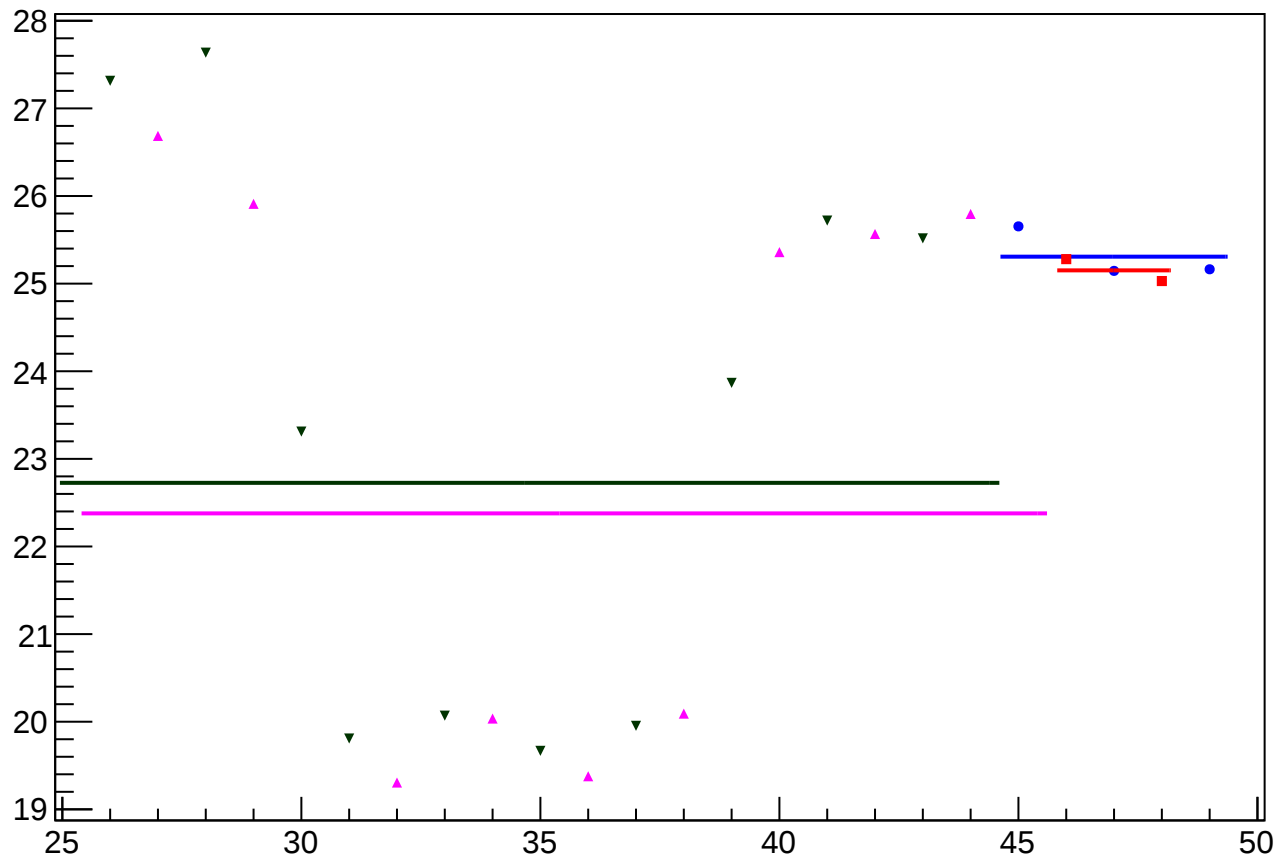
Right Out: 9.986 $\pm$ 27.054 χ^2 /NDF: 0.1/1

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

9.150 $\pm$ 8.770 χ^2 /NDF: 12.2/12

-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: 25.308 $\pm$ 0.013 χ^2/NDF : 320.6/2

Left Out: 22.726 $\pm$ 0.007 χ^2/NDF :184323.0/9

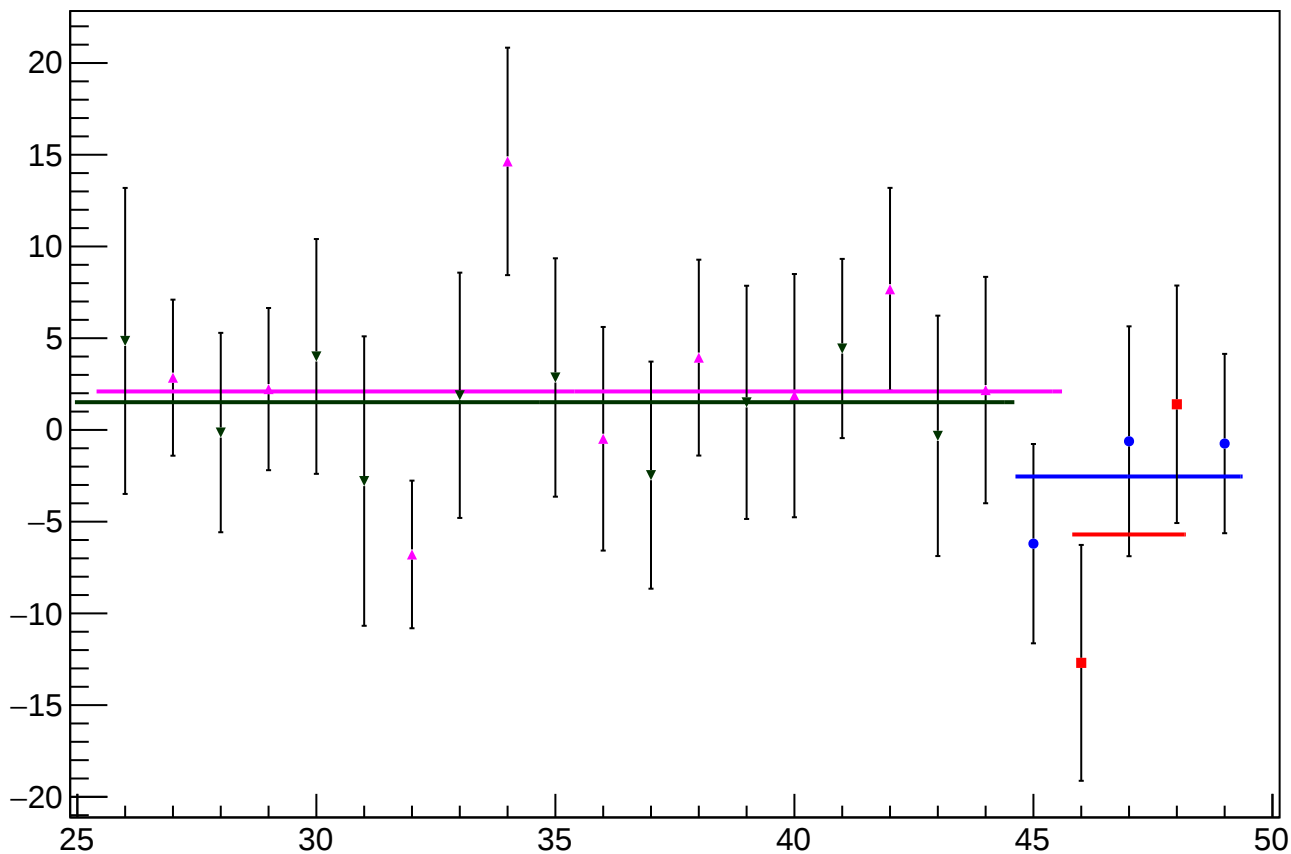
Right Out: 25.151 $\pm$ 0.019 χ^2/NDF : 42.7/1

Left In: 22.378 $\pm$ 0.007 χ^2/NDF :220187.8/8

23.341 $\pm$ 0.006 χ^2/NDF : 216062.8/12

22.683 $\pm$ 0.006 χ^2/NDF : 238937.3/10

diff_bpm12X_mean vs slug



Right In: -2.538 ± 3.143 χ^2/NDF : 0.7/2

Left Out: 1.512 ± 1.997 χ^2/NDF : 1.6/9

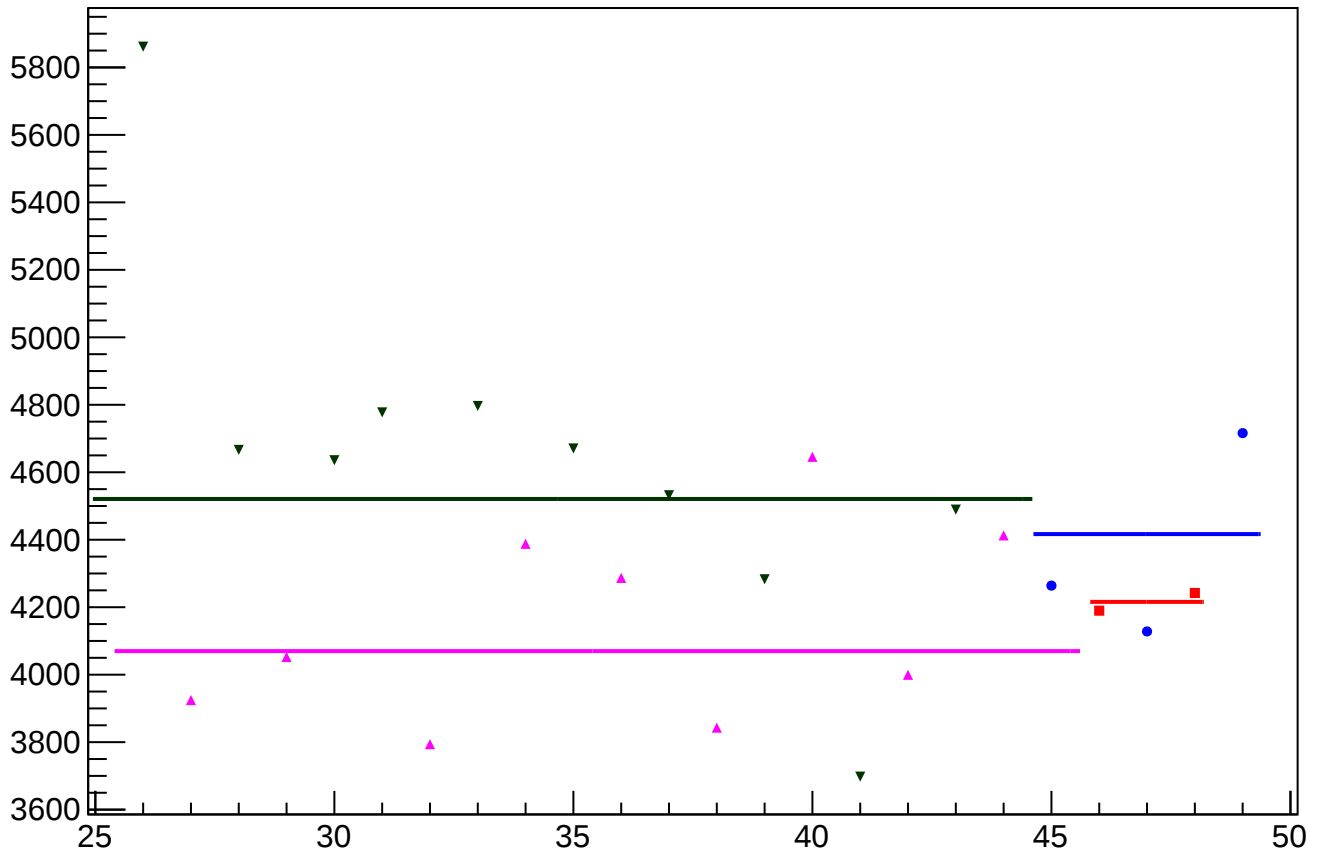
Right Out: -5.698 ± 4.561 χ^2/NDF : 2.4/1

Left In: 2.097 ± 1.720 χ^2/NDF : 10.3/8

0.348 ± 1.685 χ^2/NDF : 3.5/12

1.127 ± 1.609 χ^2/NDF : 15.3/10

diff_bpm12X_rms vs slug



Right In: 4416.719+/-2.223 χ^2/NDF : 13321.1/2

Left Out: 4520.844+/-1.412 χ^2/NDF :119990.0/9

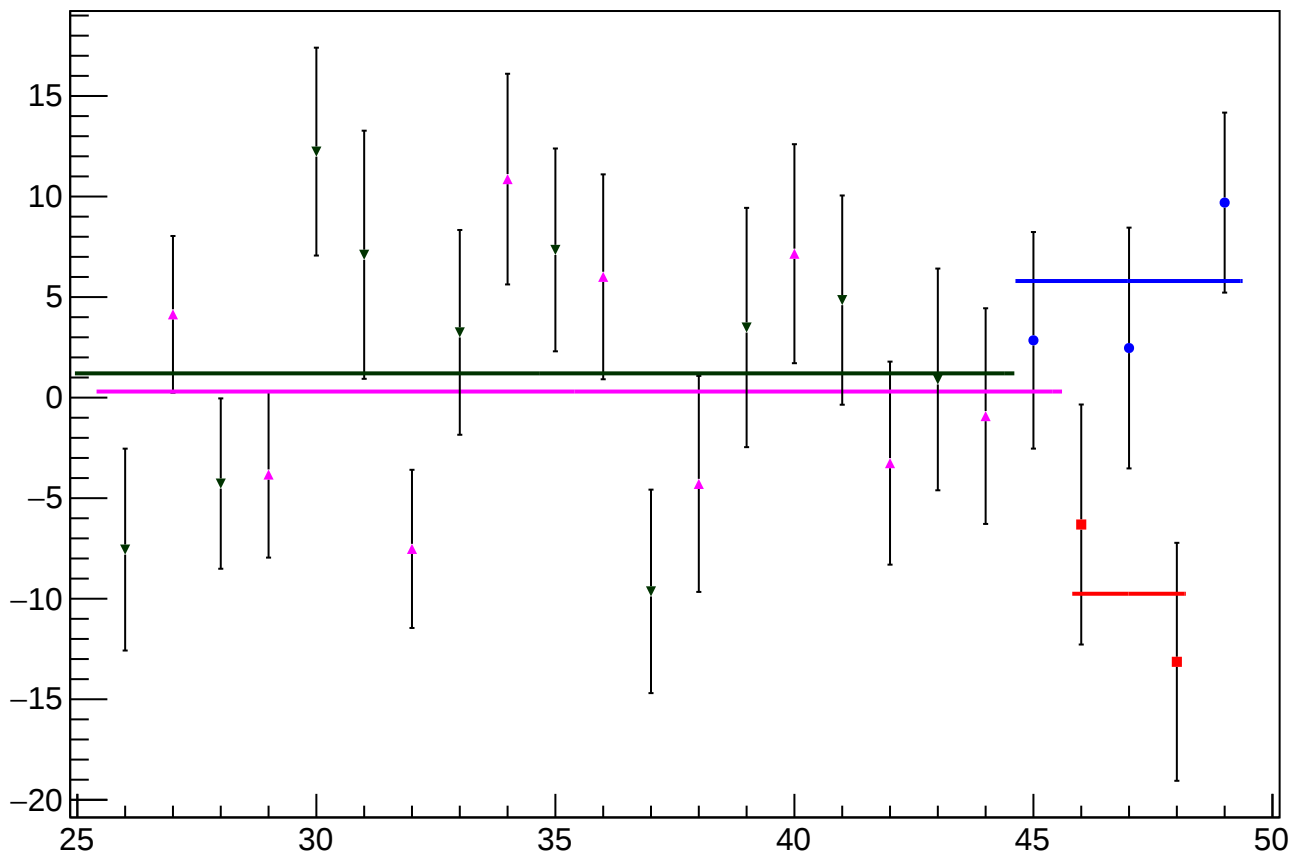
4490.908+/-1.192 χ^2/NDF : 134875.0/12

Right Out: 4215.802+/-3.225 χ^2/NDF : 65.9/1

4088.104+/-1.138 χ^2/NDF : 46630.0/10

Left In: 4069.946+/-1.216 χ^2/NDF :44773.6/8

diff_bpm12Y_mean vs slug



Right In: 5.799 ± 2.984 χ^2/NDF : 1.4/2

Left Out: 1.206 ± 1.635 χ^2/NDF : 17.1/9

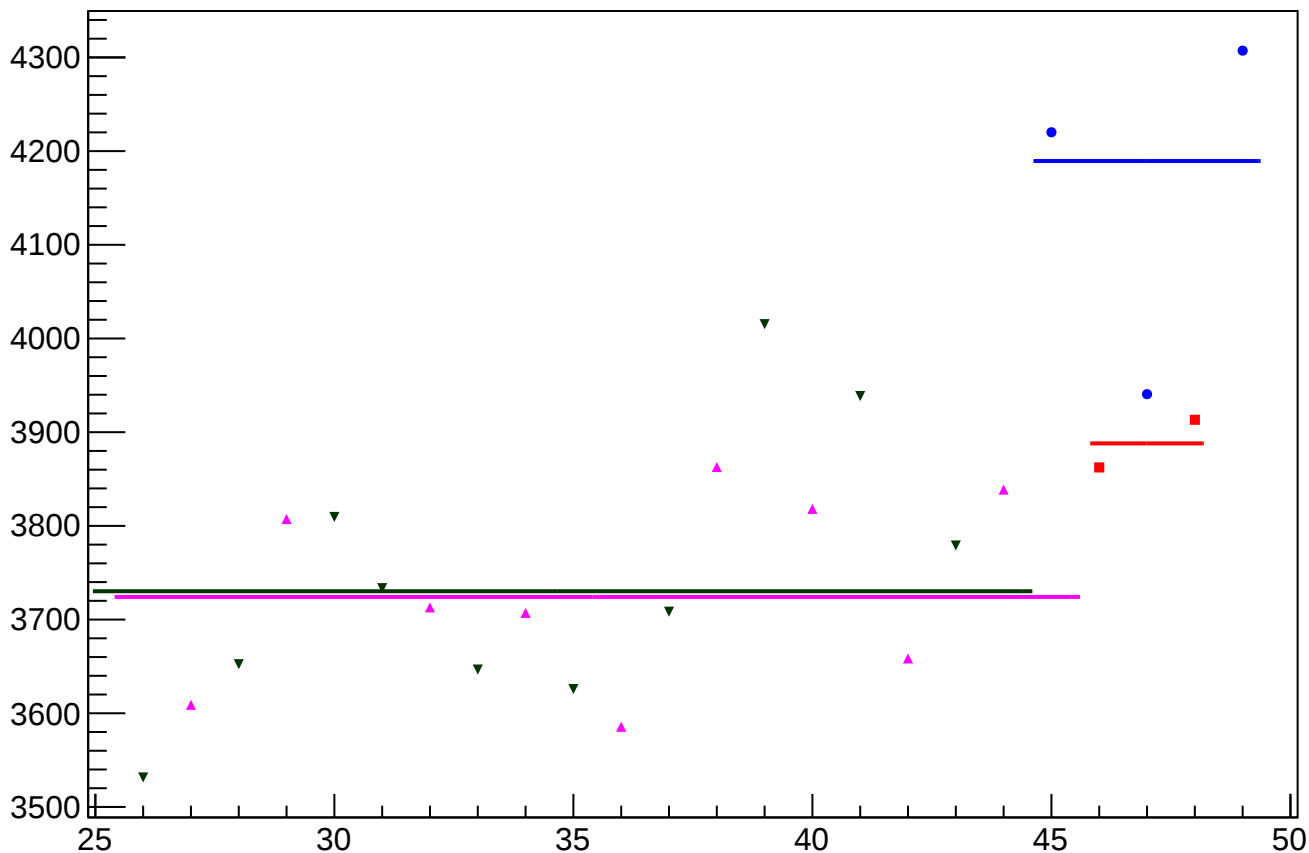
Right Out: -9.753 ± 4.202 χ^2/NDF : 0.7/1

Left In: 0.303 ± 1.568 χ^2/NDF : 14.1/8

2.267 ± 1.434 χ^2/NDF : 20.3/12

-0.927 ± 1.469 χ^2/NDF : 19.8/10

diff_bpm12Y_rms vs slug



Right In: 4189.415+/-2.110 χ^2/NDF : 4905.8/2

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

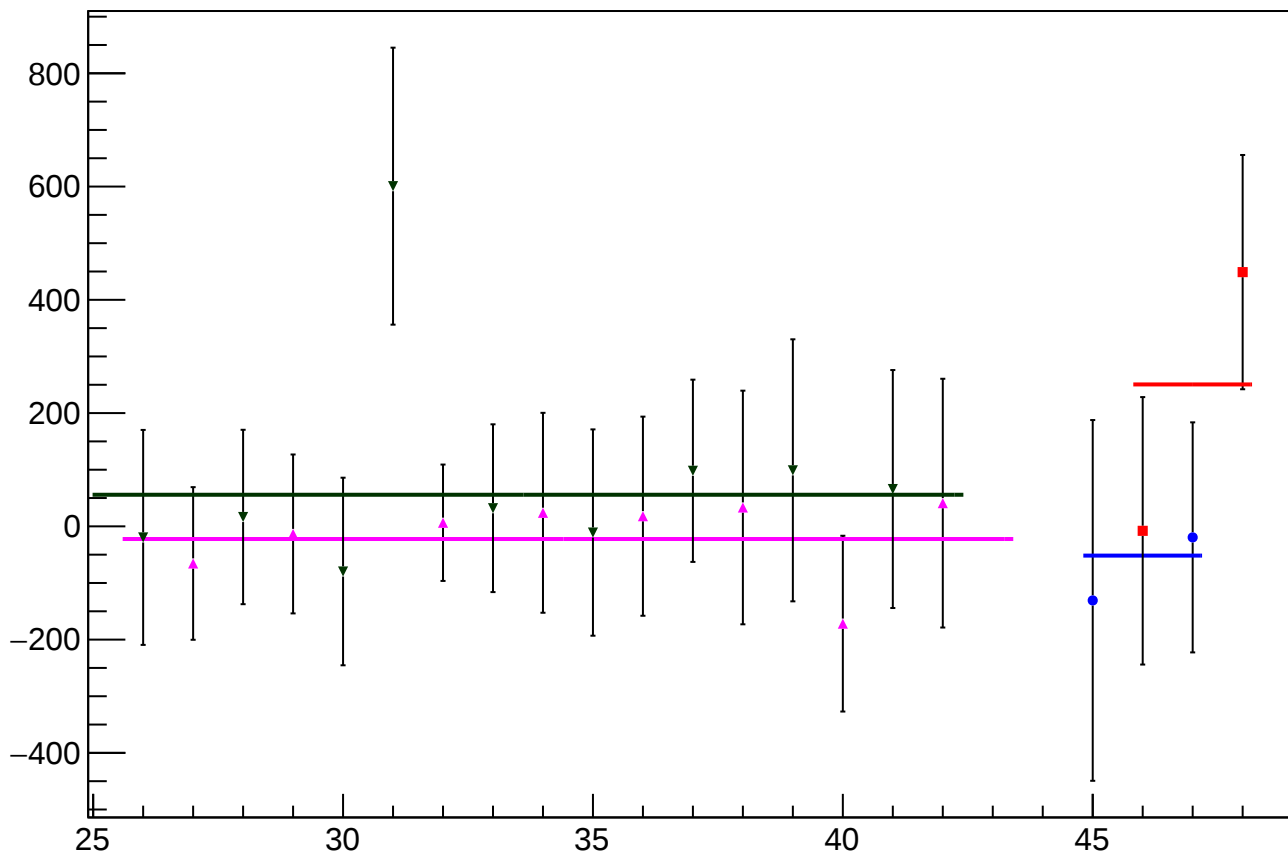
Right Out: 3888.049+/-2.971 χ^2/NDF : 73.2/1

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3836.234+/-1.014 χ^2/NDF : 55004.2/12

3744.208+/-1.039 χ^2/NDF : 9996.2/10

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 ± 171.258 χ^2/NDF : 0.1/1

Left Out: 55.788 ± 59.892 χ^2/NDF : 6.1/8

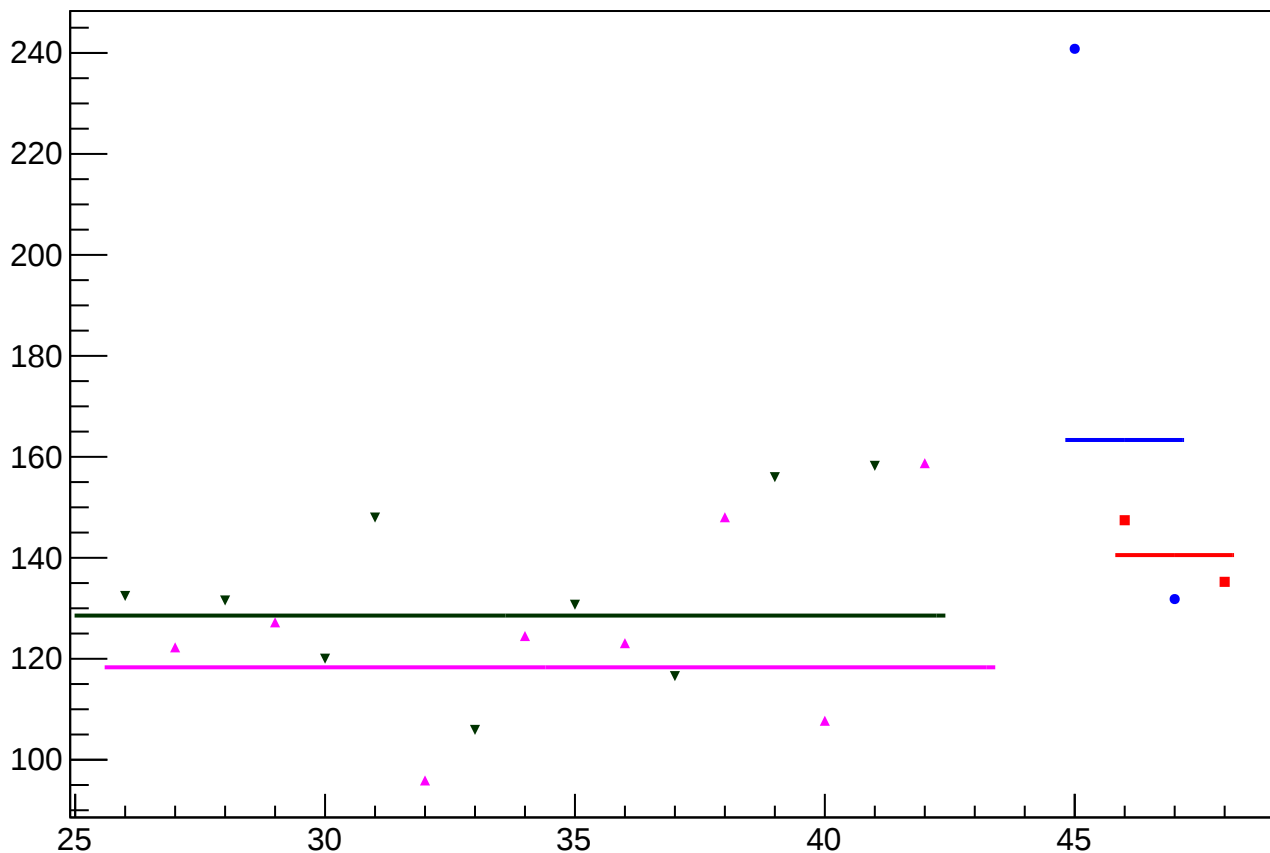
Right Out: 250.594 ± 155.594 χ^2/NDF : 2.1/1

Left In: -22.351 ± 53.393 χ^2/NDF : 1.4/7

44.079 ± 56.535 χ^2/NDF : 6.6/10

6.403 ± 50.502 χ^2/NDF : 6.3/9

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340+/-0.121 χ^2/NDF : 166487.1/1

Left Out: 128.560+/-0.042 χ^2/NDF : 145575.3/8

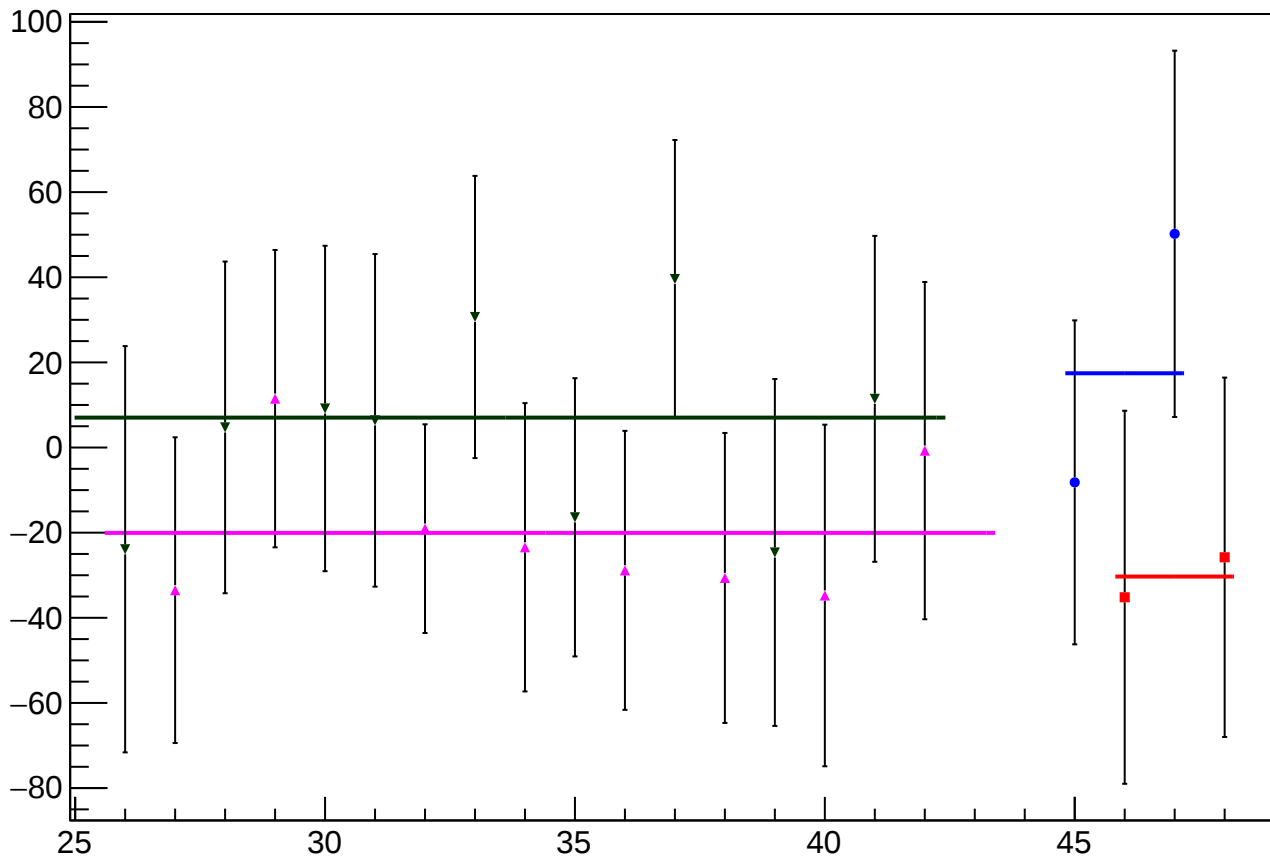
Right Out: 140.541+/-0.110 χ^2/NDF : 3022.7/1

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±28.504 χ^2/NDF : 1.0/1

Left Out: 7.028±12.398 χ^2/NDF : 3.1/8

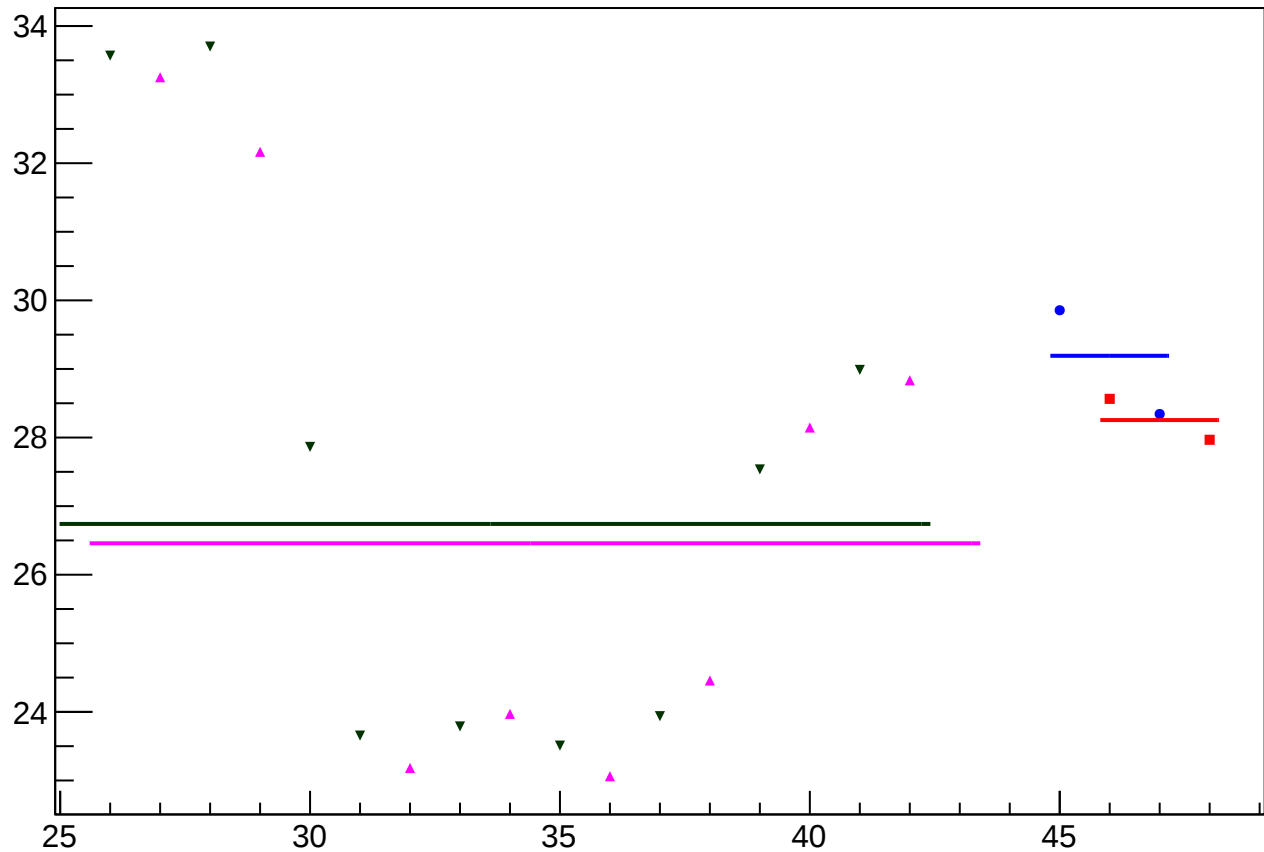
Right Out: -30.306±30.400 χ^2/NDF : 0.0/1

Left In: -20.053±11.799 χ^2/NDF : 1.5/7

8.686±11.369 χ^2/NDF : 4.2/10

-21.395±10.999 χ^2/NDF : 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

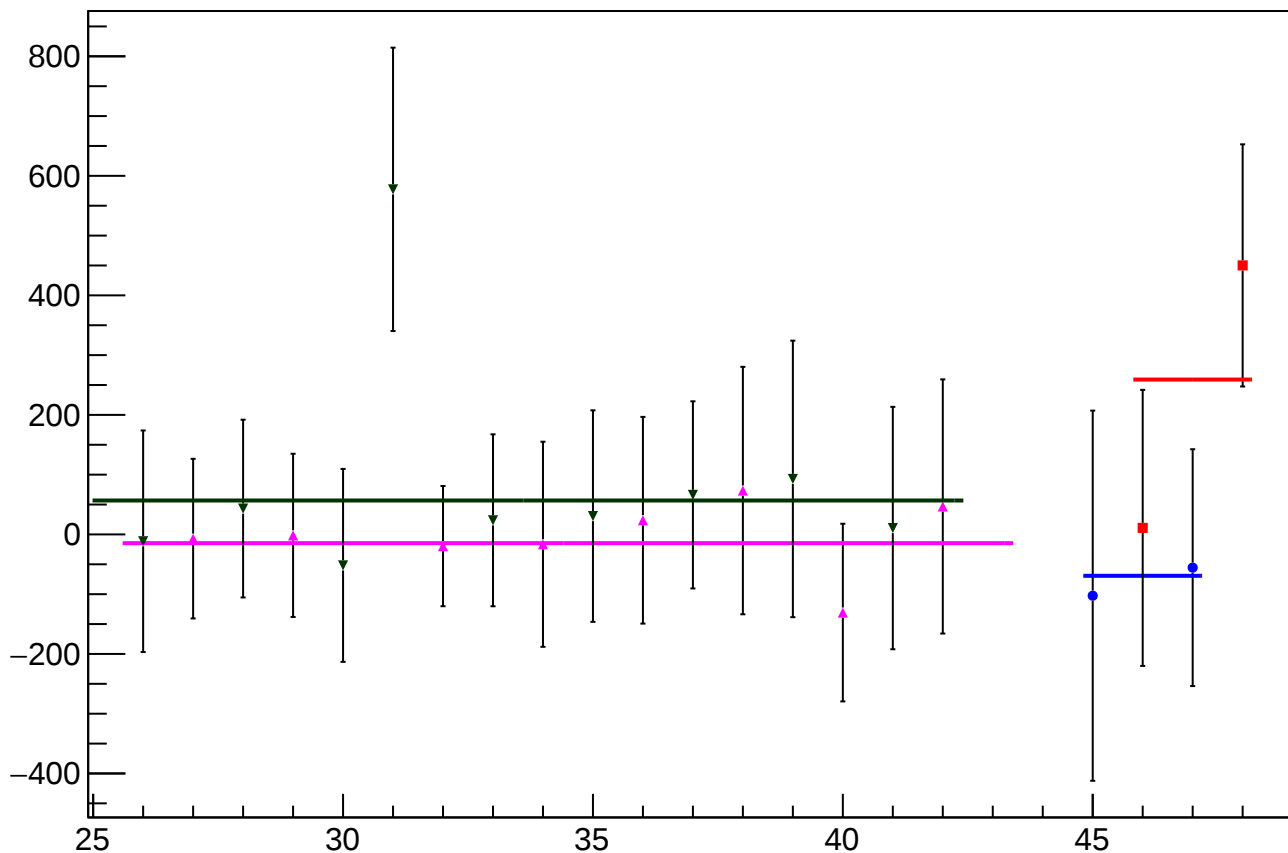
Right Out: 28.255 $\pm$ 0.021 χ^2/NDF : 192.3/1

Left In: 26.458 $\pm$ 0.008 χ^2/NDF : 210657.2/7

27.130 $\pm$ 0.008 χ^2/NDF : 190601.8/10

26.693 $\pm$ 0.008 χ^2/NDF : 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

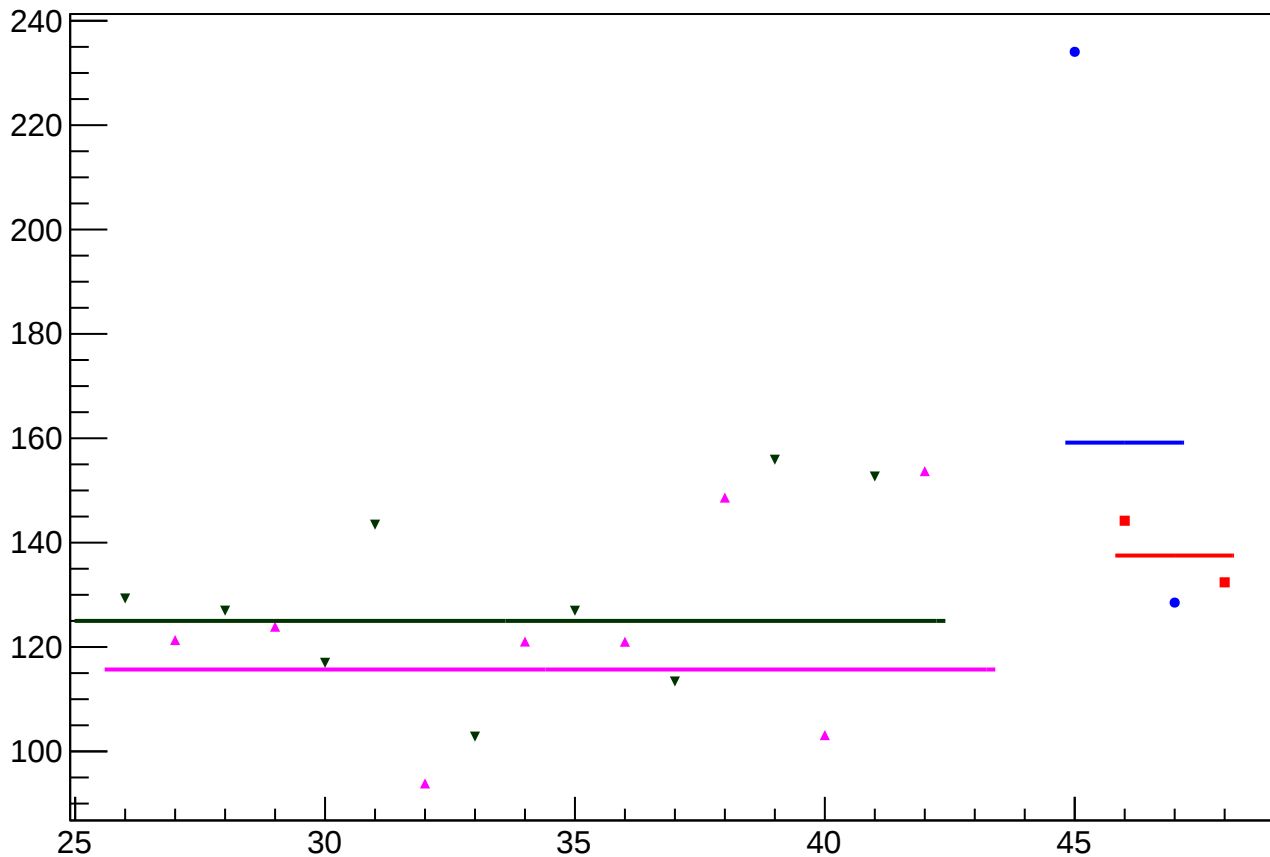
Right Out: 259.134 $\pm$ 152.302 χ^2/NDF : 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2/NDF : 0.9/7

43.074 $\pm$ 55.012 χ^2/NDF : 6.1/10

14.199 $\pm$ 49.403 χ^2/NDF : 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167 $\pm$ 0.118 χ^2 /NDF: 164807.4/1

Left Out: 125.005 $\pm$ 0.041 χ^2 /NDF: 150125.6/8

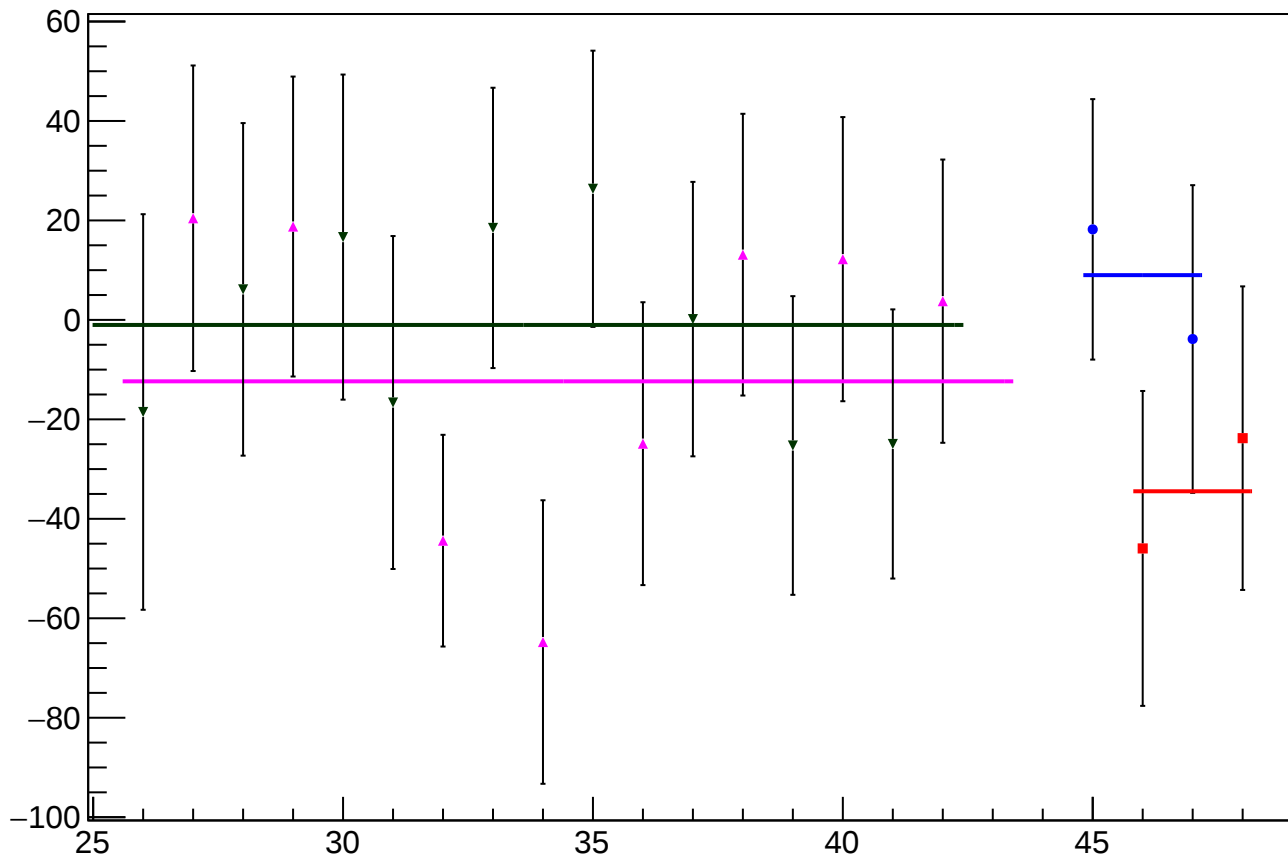
Right Out: 137.529 $\pm$ 0.108 χ^2 /NDF: 2951.2/1

Left In: 115.690 $\pm$ 0.037 χ^2 /NDF: 237670.3/7

128.716 $\pm$ 0.039 χ^2 /NDF: 389614.7/10

117.988 $\pm$ 0.035 χ^2 /NDF: 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2/NDF : 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2/NDF : 3.6/8

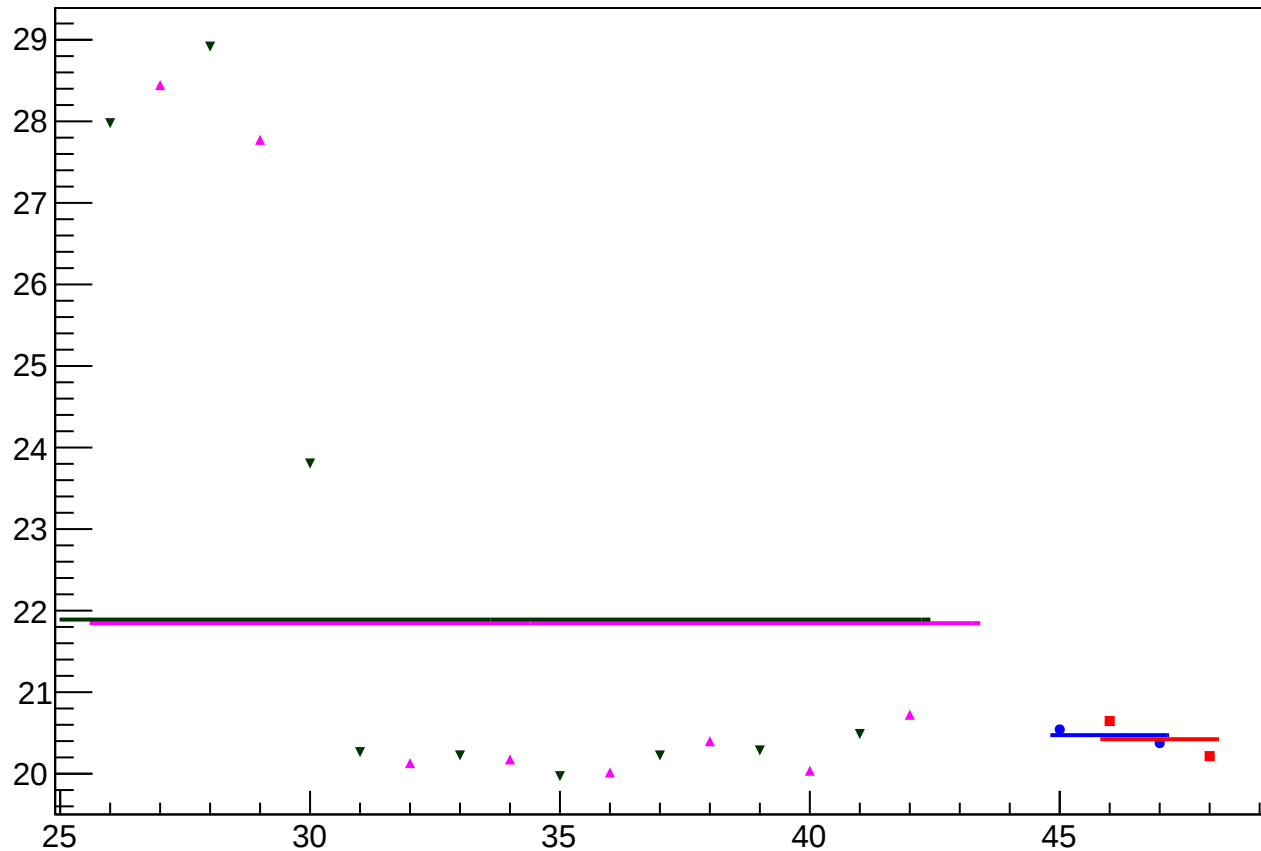
Right Out: -34.463 $\pm$ 21.974 χ^2/NDF : 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2/NDF : 9.9/7

1.038 $\pm$ 9.053 χ^2/NDF : 4.1/10

-15.987 $\pm$ 8.906 χ^2/NDF : 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

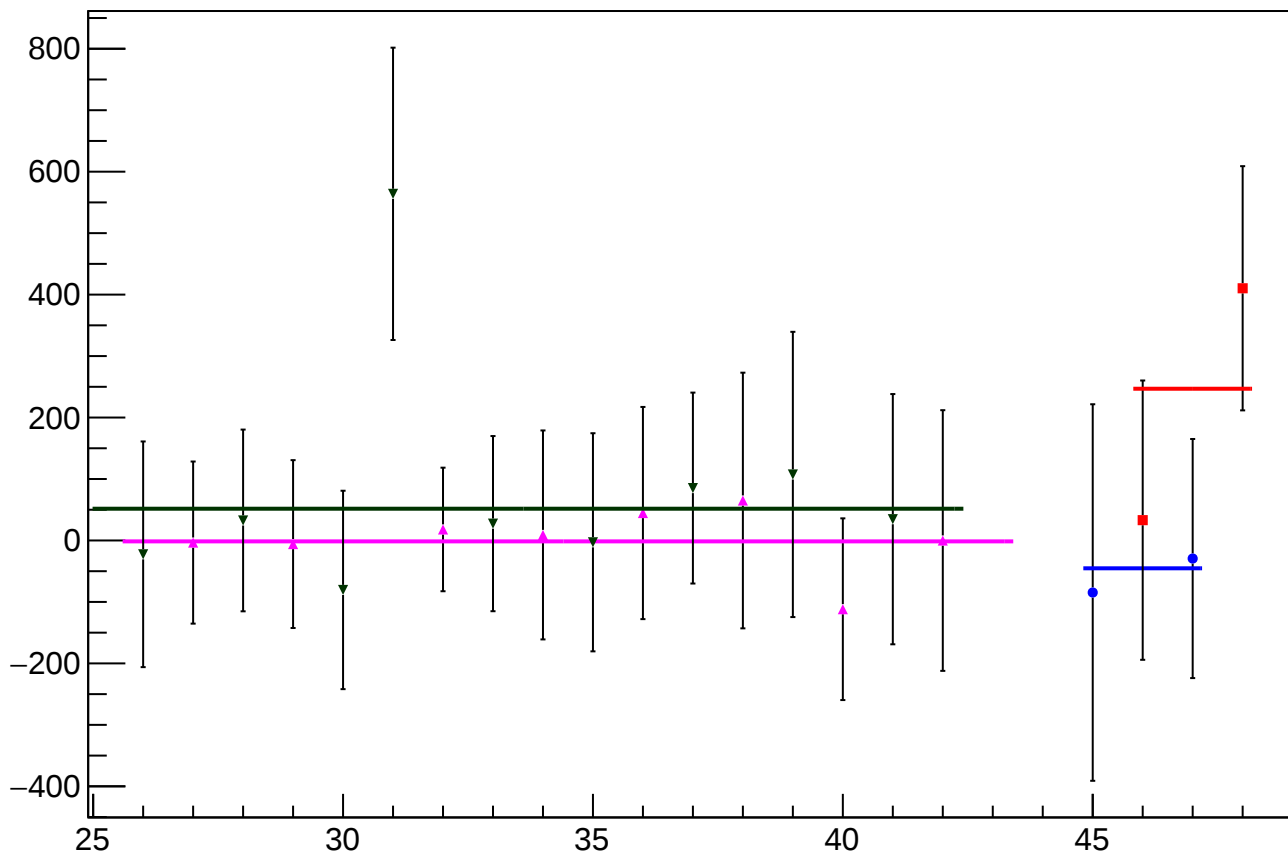
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF:5.7/8

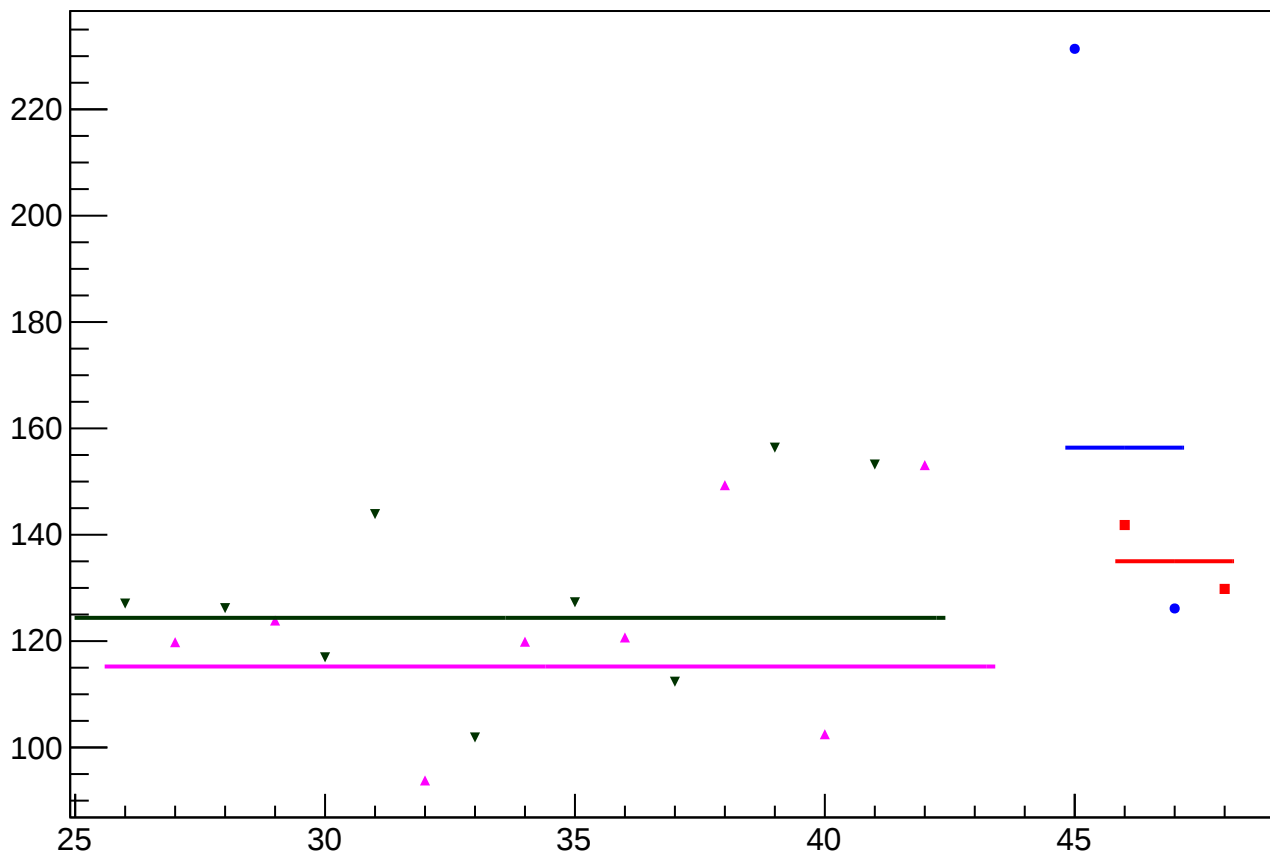
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF:0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

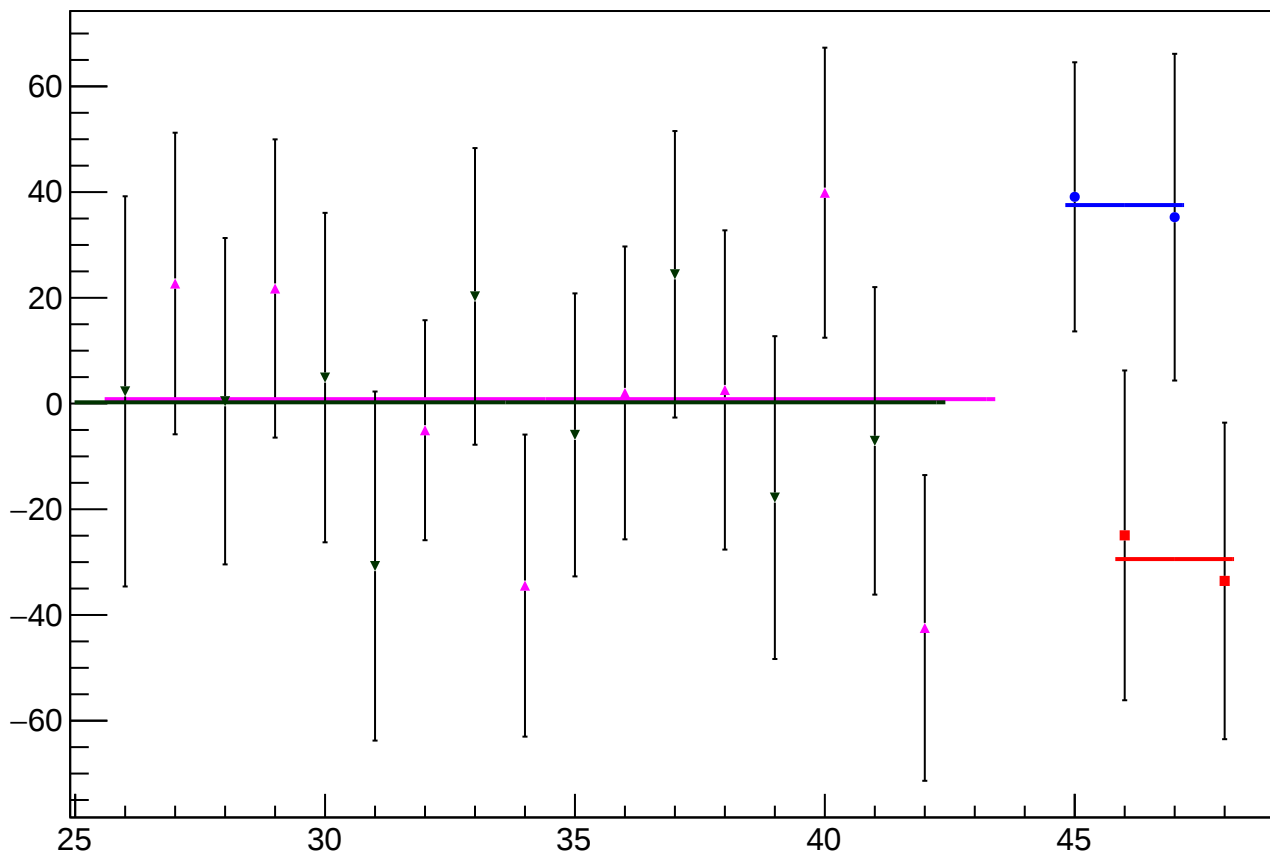
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

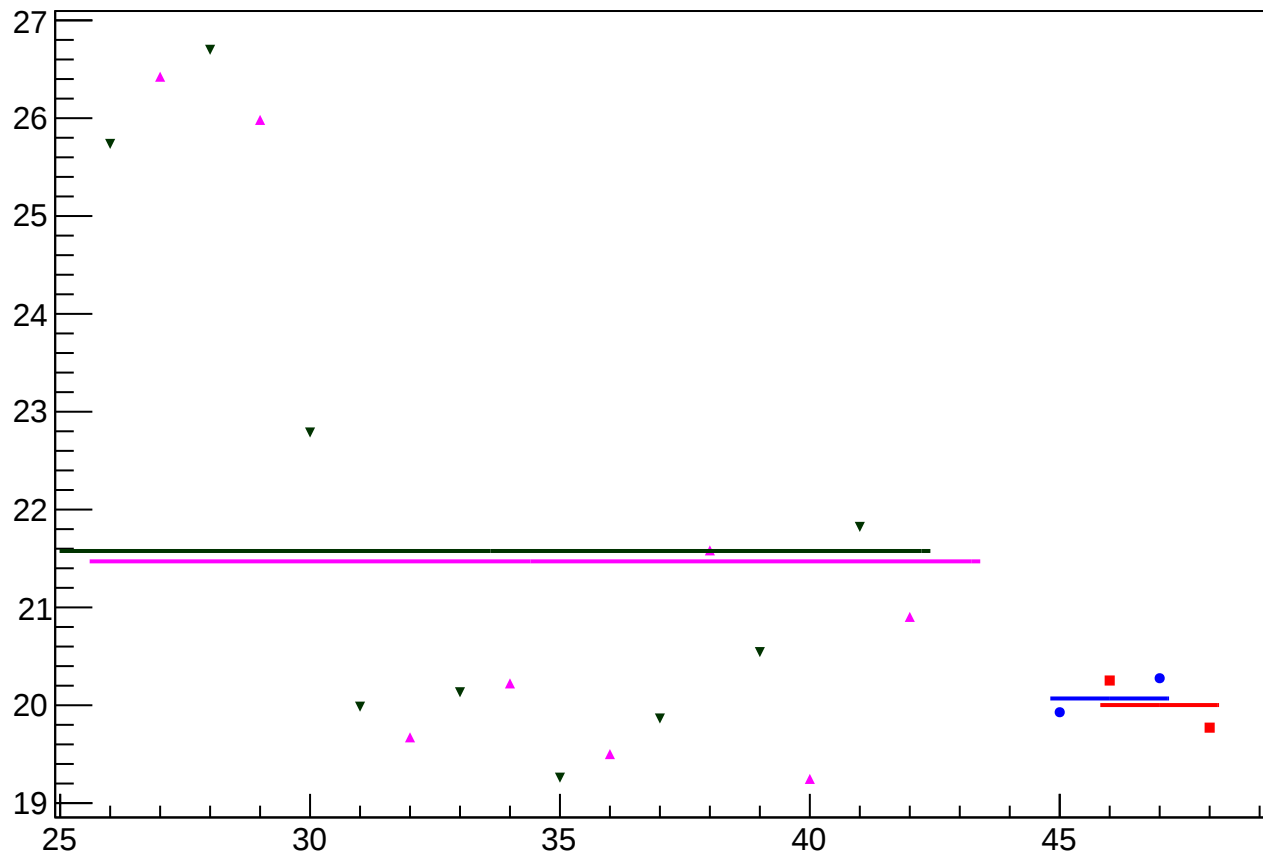
7.902+/-8.908 χ^2/NDF : 5.6/10

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

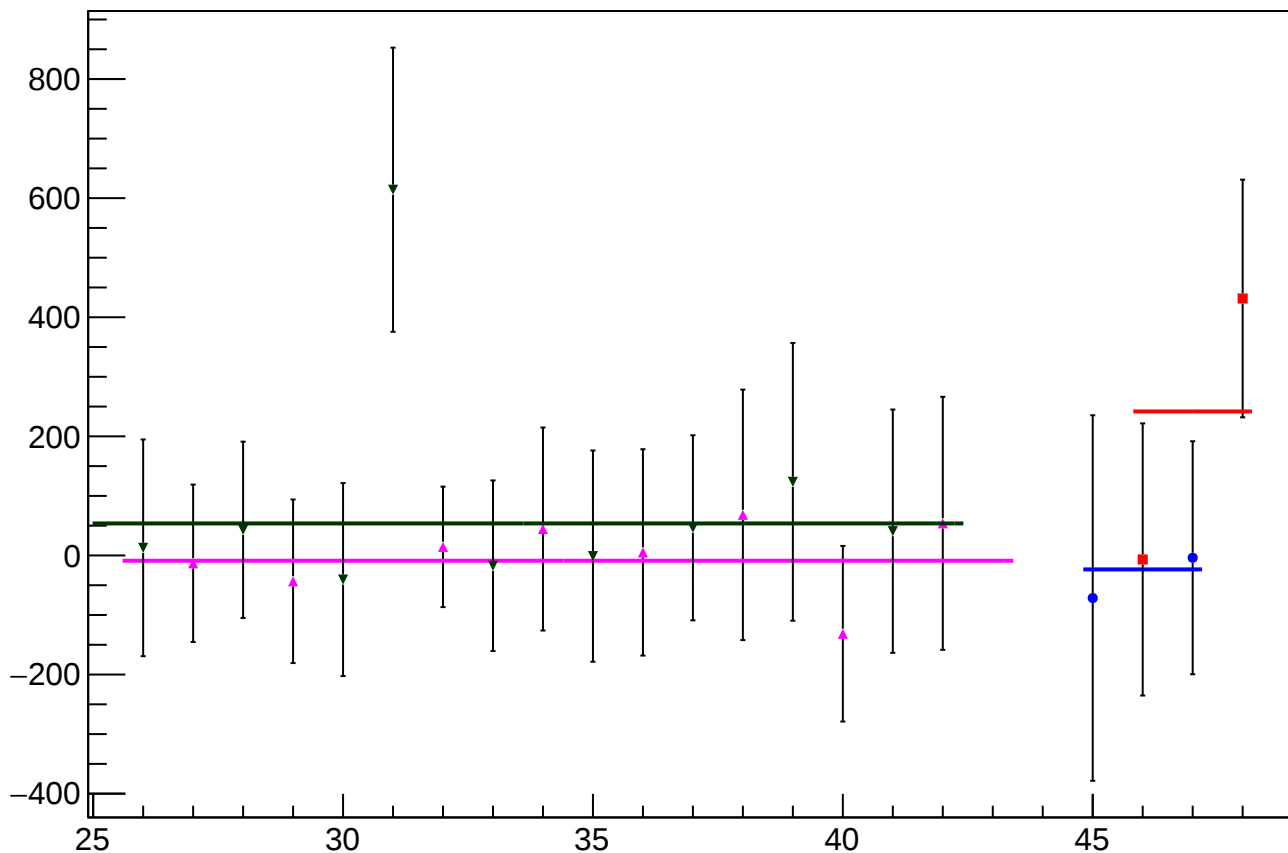
Right Out: 20.002 ± 0.015 χ^2/NDF : 248.4/1

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

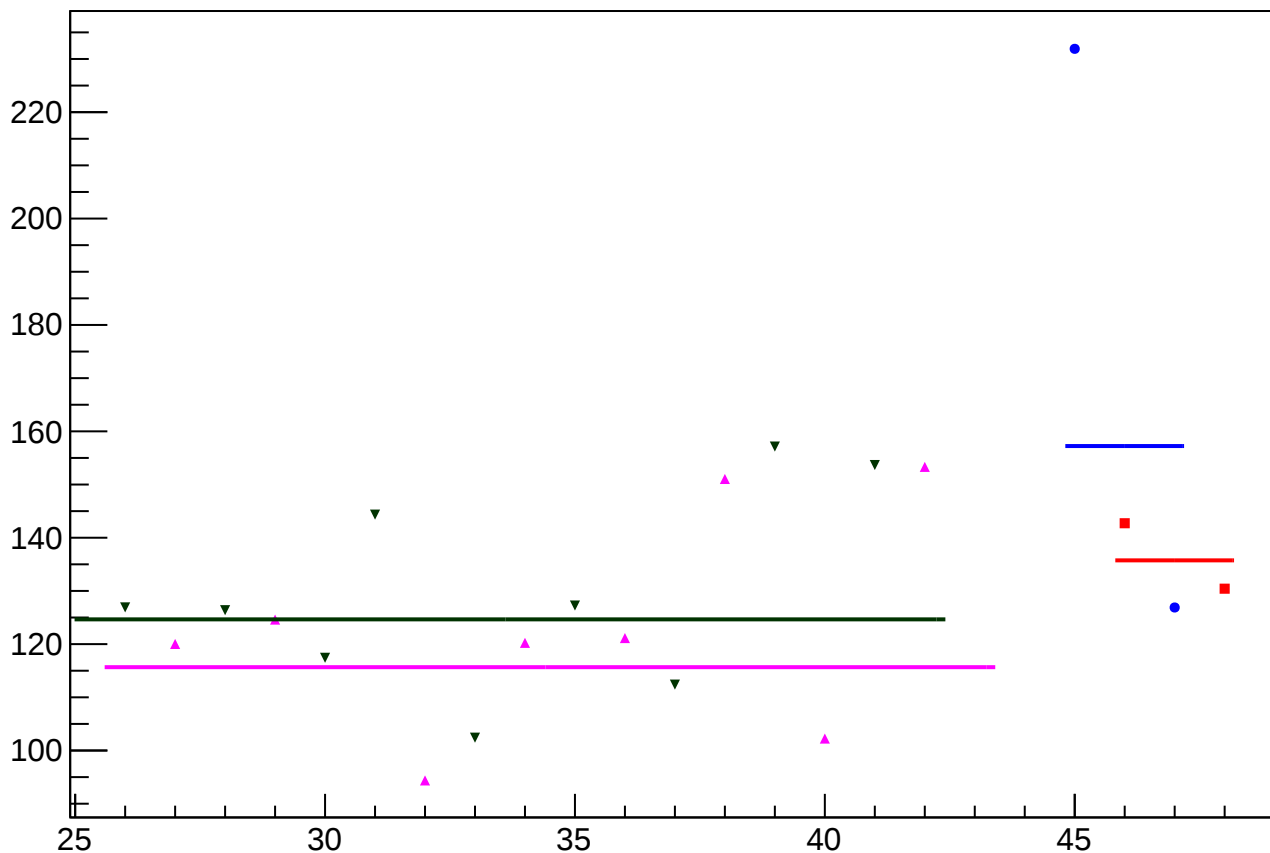
Right Out: 241.812 $\pm$ 150.311 χ^2 /NDF: 2.1/1

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 $\pm$ 0.117 χ^2 /NDF: 166522.0/1

Left Out: 124.654 $\pm$ 0.041 χ^2 /NDF: 158453.5/8

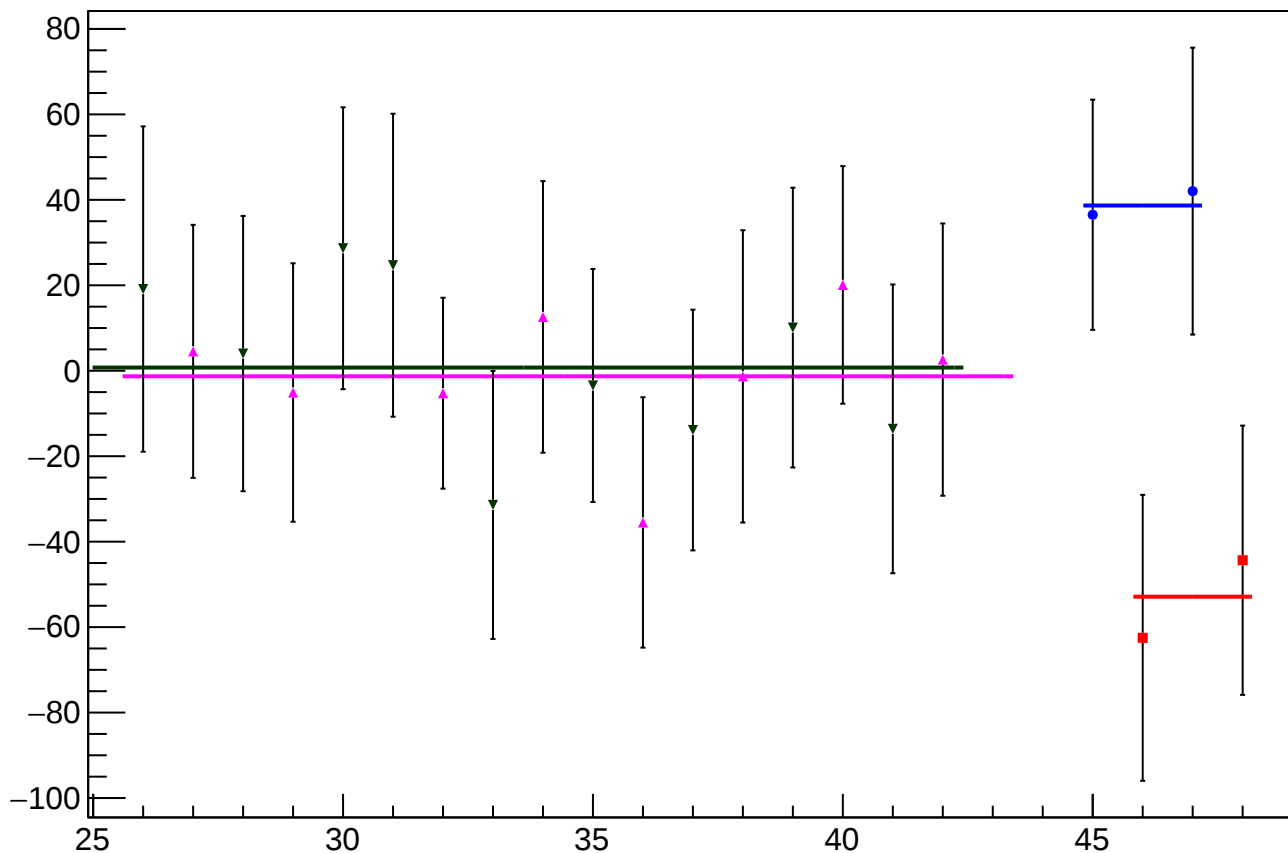
Right Out: 135.746 $\pm$ 0.106 χ^2 /NDF: 3289.9/1

Left In: 115.666 $\pm$ 0.037 χ^2 /NDF: 238759.2/7

128.254 $\pm$ 0.039 χ^2 /NDF: 394359.2/10

117.829 $\pm$ 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

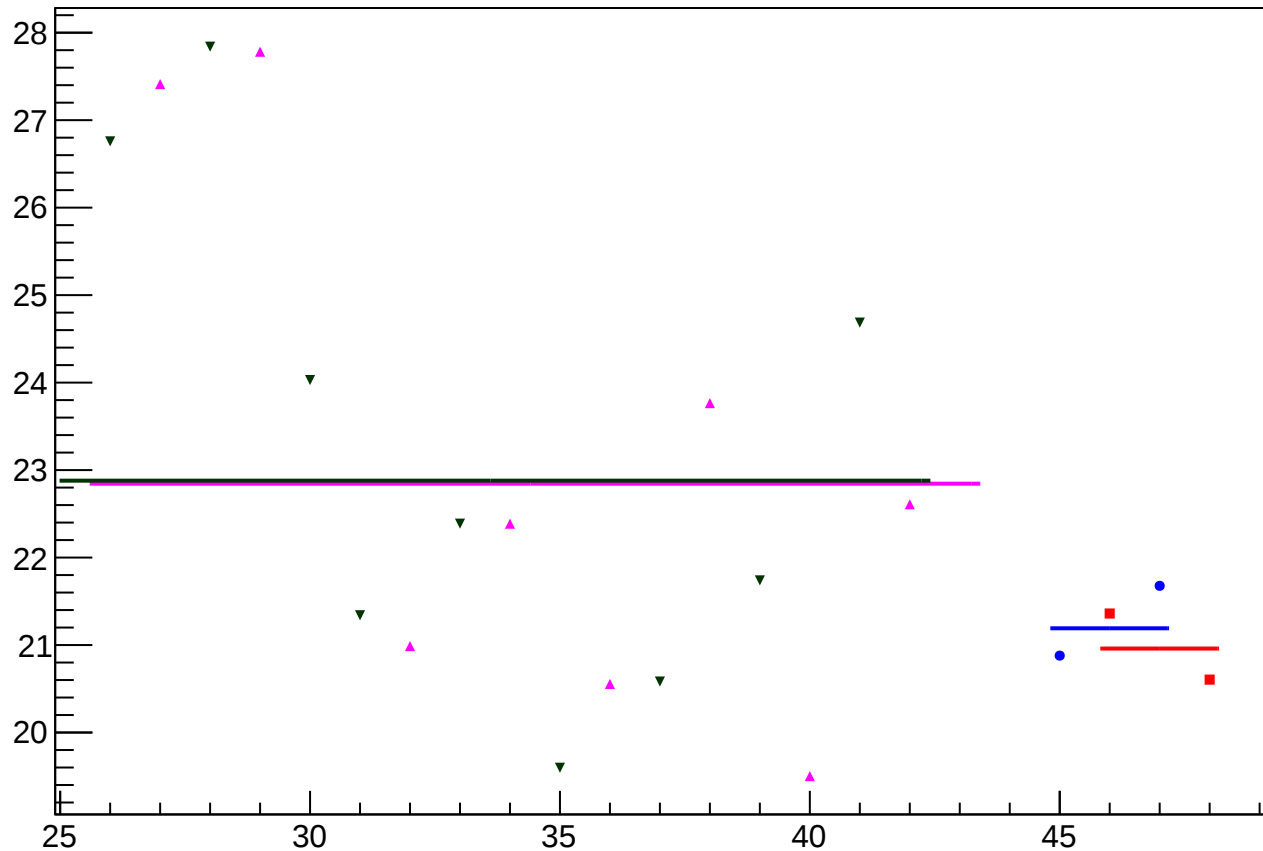
Right Out: -52.882+/-22.940 χ^2/NDF : 0.2/1

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±0.015 χ^2/NDF : 687.1/1

Left Out: 22.879±0.008 χ^2/NDF :125279.7/8

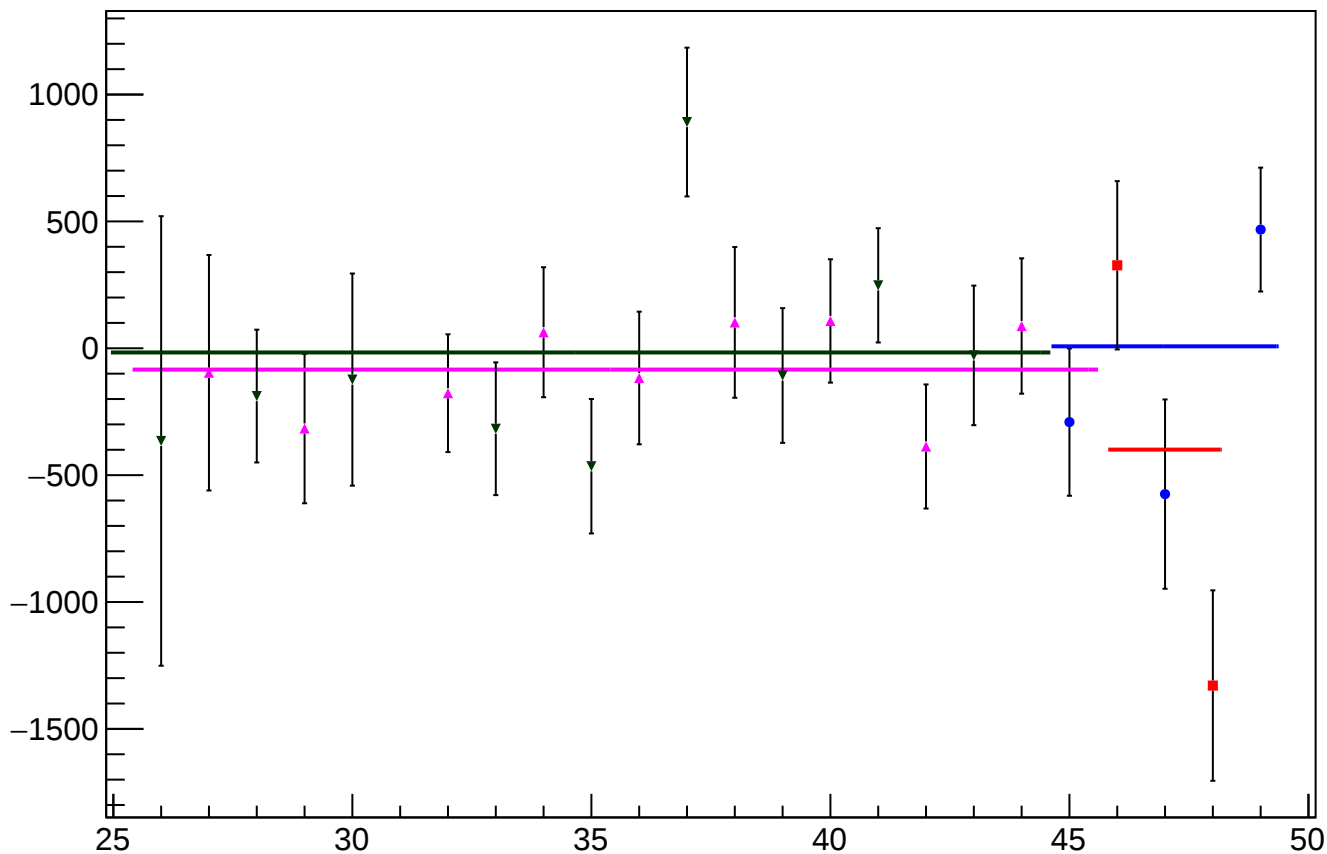
Right Out: 20.960±0.016 χ^2/NDF : 540.7/1

Left In: 22.845±0.007 χ^2/NDF :157790.8/7

22.533±0.007 χ^2/NDF : 136226.3/10

22.531±0.007 χ^2/NDF : 169585.5/9

asym_sam_15_avg_mean vs slug



Right In: 7.674+/-167.075 χ^2/NDF : 7.0/2

Left Out: -16.498+/-95.684 χ^2/NDF : 15.9/8

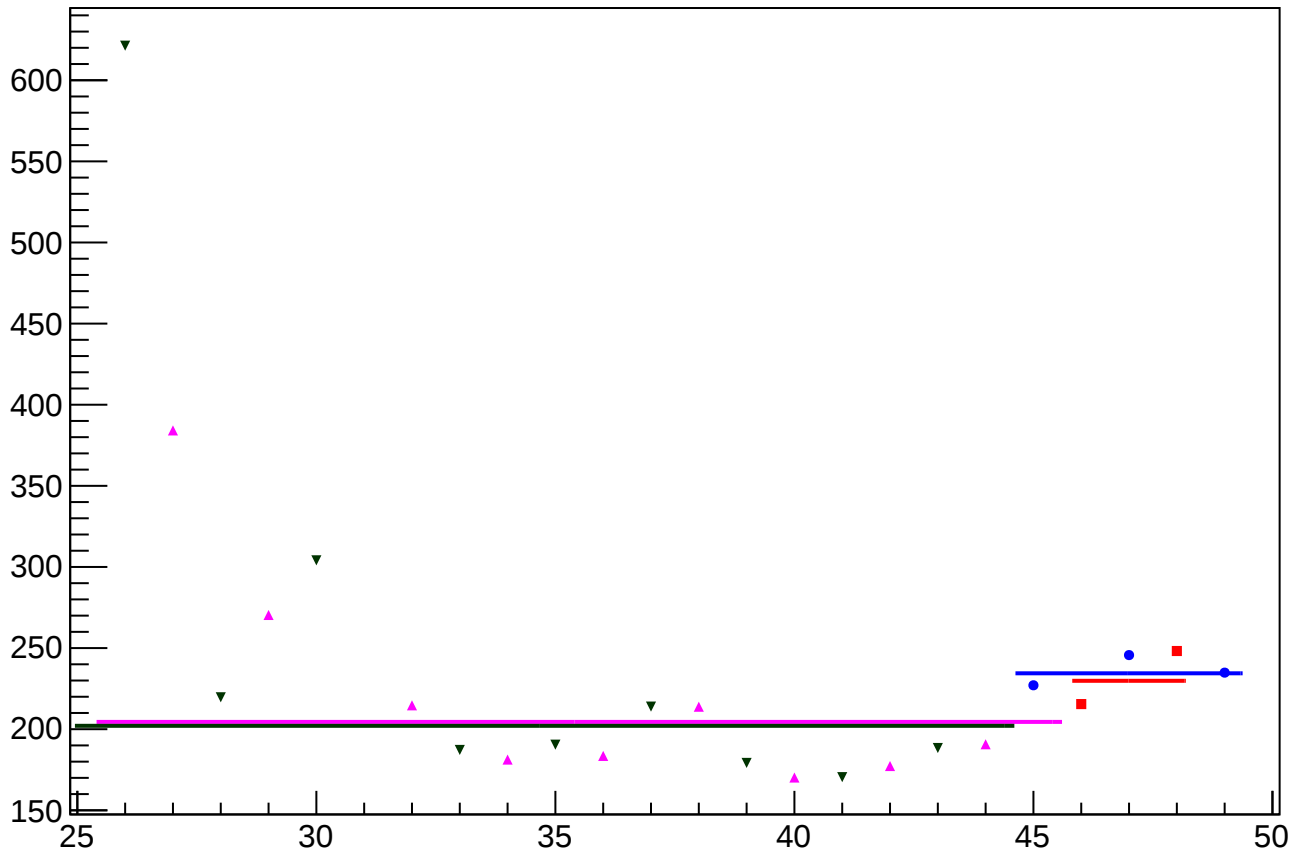
Right Out: -399.365+/-248.537 χ^2/NDF : 10.9/1

Left In: -83.982+/-89.928 χ^2/NDF : 4.1/8

-10.528+/-83.032 χ^2/NDF : 23.0/11

-120.493+/-84.563 χ^2/NDF : 16.5/10

asym_sam_15_avg_rms vs slug



Right In: 234.451 ± 0.118 χ^2/NDF : 3111.8/2

Left Out: 202.088 ± 0.068 χ^2/NDF : 648842.0/8

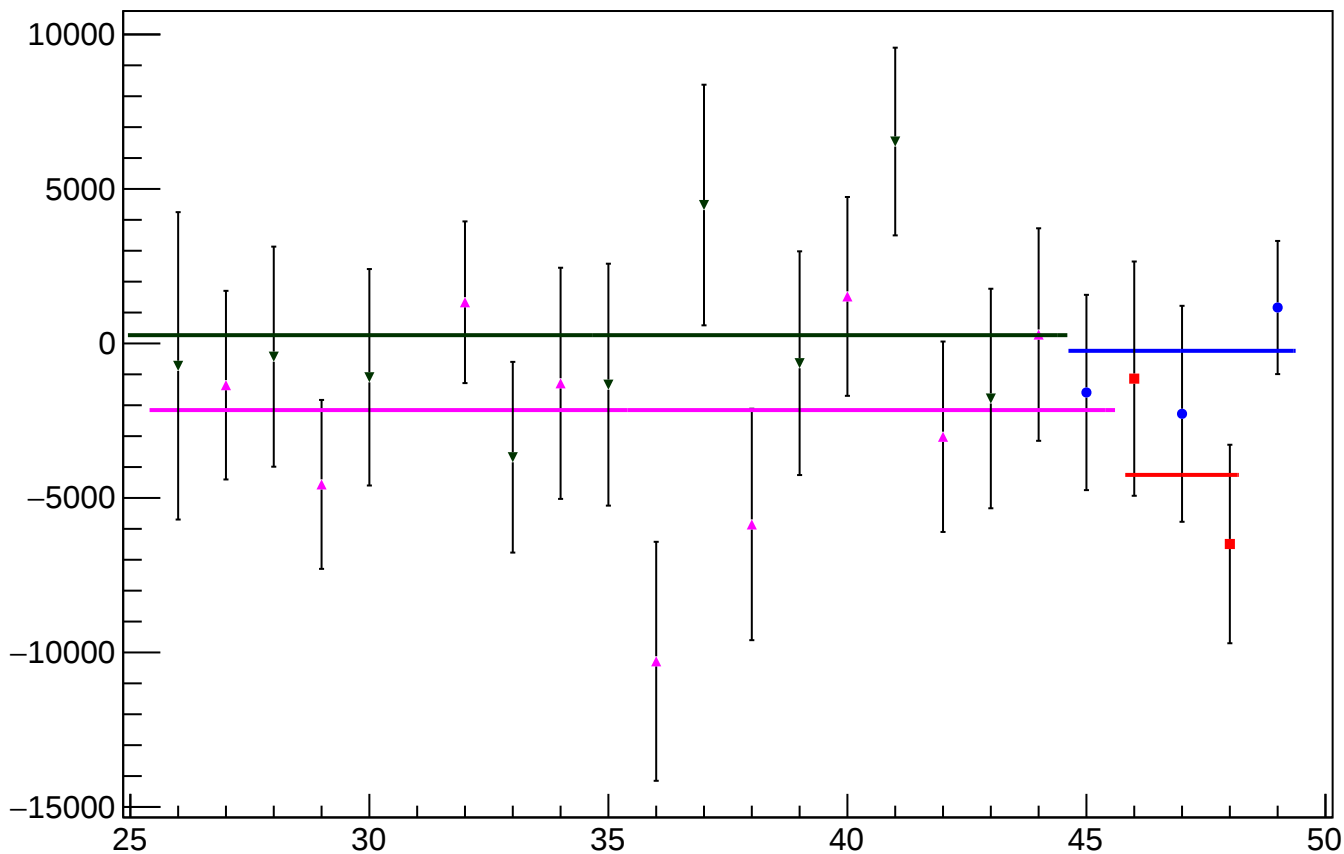
Right Out: 229.829 ± 0.176 χ^2/NDF : 8528.9/1

Left In: 204.496 ± 0.064 χ^2/NDF : 504865.3/8

210.081 ± 0.059 χ^2/NDF : 708462.0/11

207.429 ± 0.060 χ^2/NDF : 531767.3/10

asym_sam_26_avg_mean vs slug



Right In: -238.673+/-1586.209 χ^2/NDF : 0.9/2

Left Out: 267.989+/-1194.389 χ^2/NDF : 7.9/8

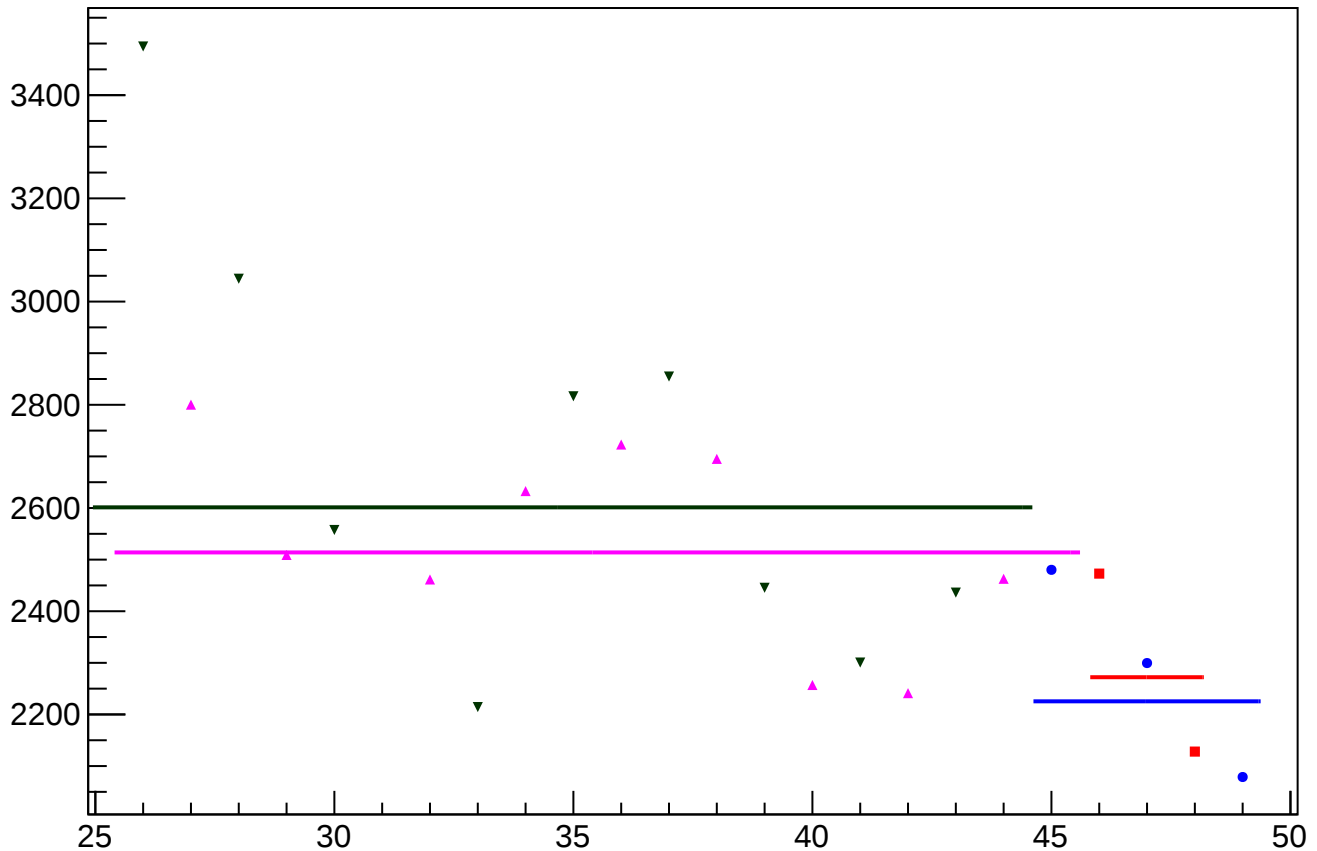
Right Out: -4253.962+/-2450.516 χ^2/NDF : 1.2/1

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

84.663+/-954.143 χ^2/NDF : 8.9/11

-2489.006+/-975.939 χ^2/NDF : 11.7/10

asym_sam_26_avg_rms vs slug



Right In: 2225.419+/-1.122 χ^2/NDF : 23169.4/2

Left Out: 2601.288+/-0.845 χ^2/NDF :169348.6/8

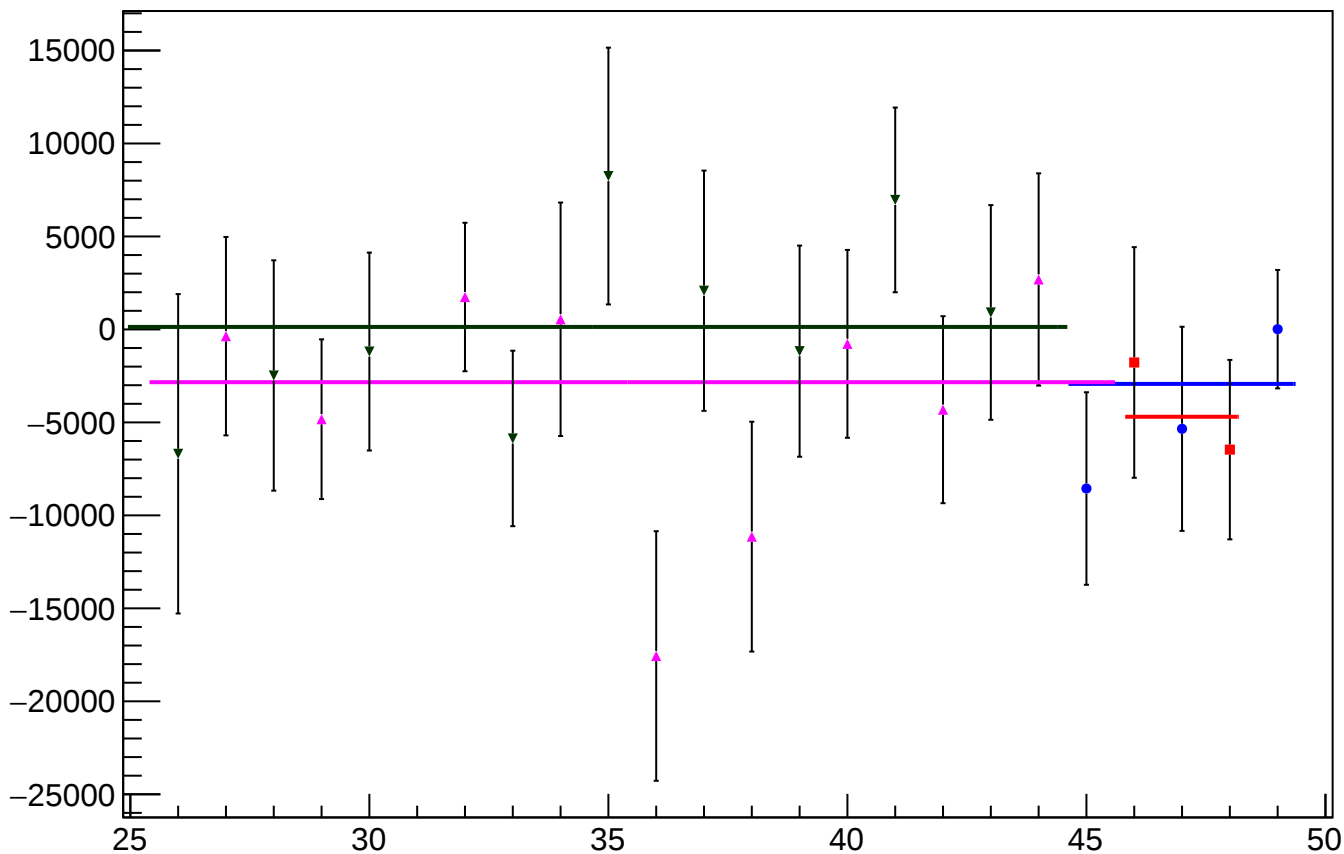
Right Out: 2272.138+/-1.733 χ^2/NDF : 9635.3/1

Left In: 2513.941+/-0.752 χ^2/NDF :59816.2/8

2465.287+/-0.675 χ^2/NDF : 264184.9/11

2475.589+/-0.690 χ^2/NDF : 85836.1/10

asym_sam_37_avg_mean vs slug



Right In: -2929.266+/-2432.103 χ^2/NDF : 2.2/2

Left Out: 134.076+/-1937.759 χ^2/NDF : 5.9/8

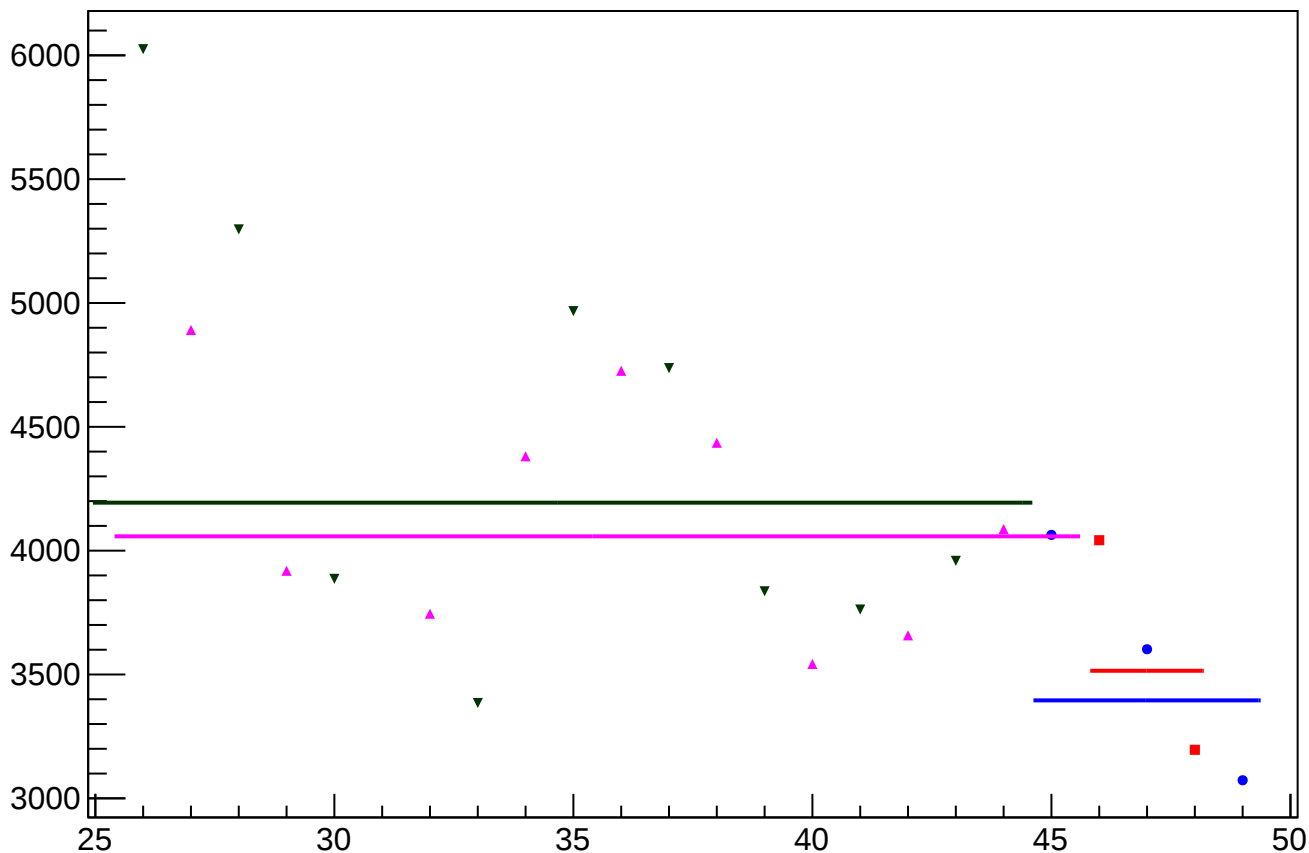
Right Out: -4697.080+/-3808.147 χ^2/NDF : 0.4/1

Left In: -2838.252+/-1727.002 χ^2/NDF : 9.8/8

-1055.431+/-1515.541 χ^2/NDF : 9.1/11

-3155.334+/-1572.822 χ^2/NDF : 10.4/10

asym_sam_37_avg_rms vs slug



Right In: 3395.499 ± 1.720 χ^2/NDF : 56639.7/2

Left Out: 4193.825 ± 1.370 χ^2/NDF : 285401.0/8

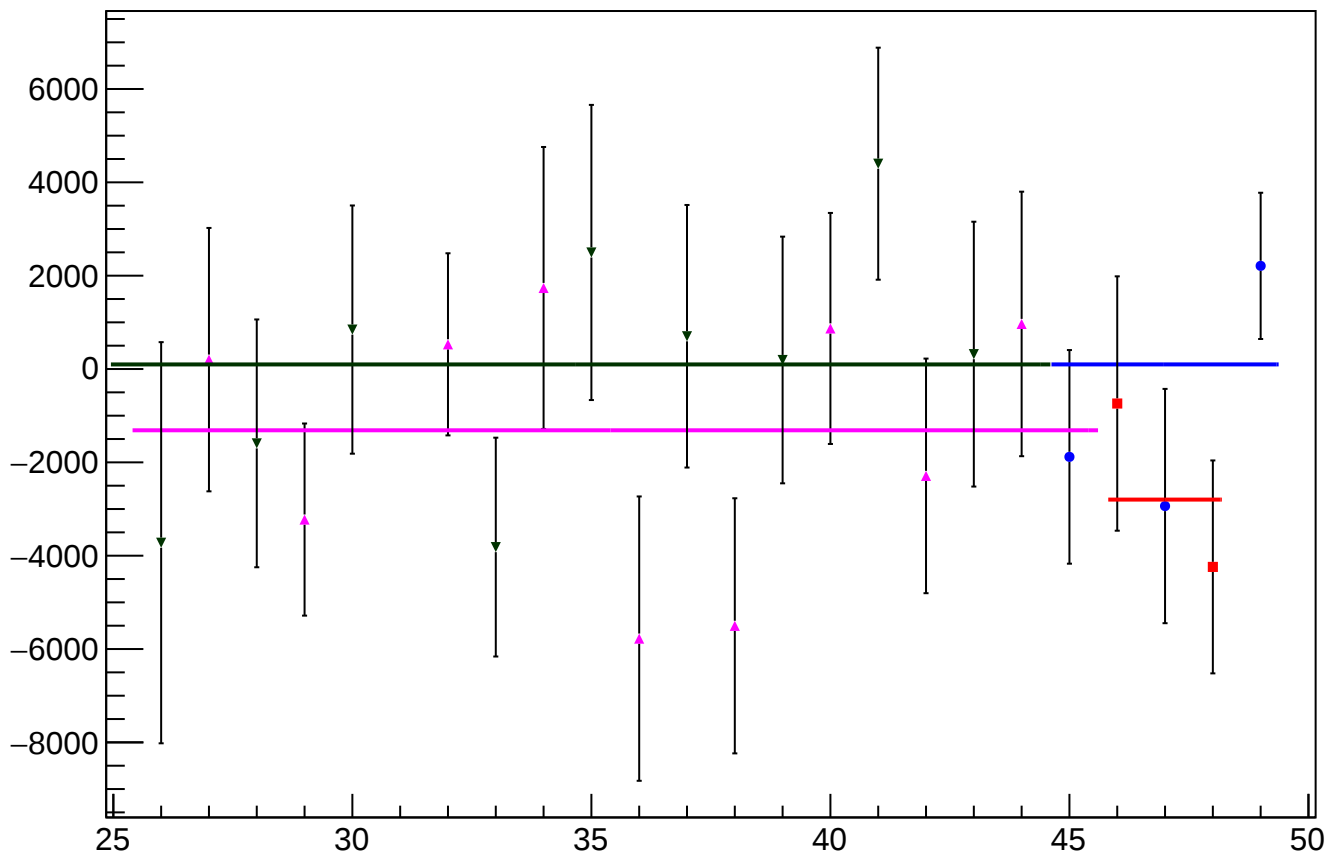
Right Out: 3515.041 ± 2.693 χ^2/NDF : 23196.1/1

Left In: 4057.818 ± 1.221 χ^2/NDF : 129253.0/8

3883.832 ± 1.072 χ^2/NDF : 473855.0/11

3965.230 ± 1.112 χ^2/NDF : 186148.3/10

asym_sam_48_avg_mean vs slug



Right In: 98.836+/-1149.443 χ^2/NDF : 4.0/2

Left Out: 98.183+/-922.560 χ^2/NDF : 7.7/8

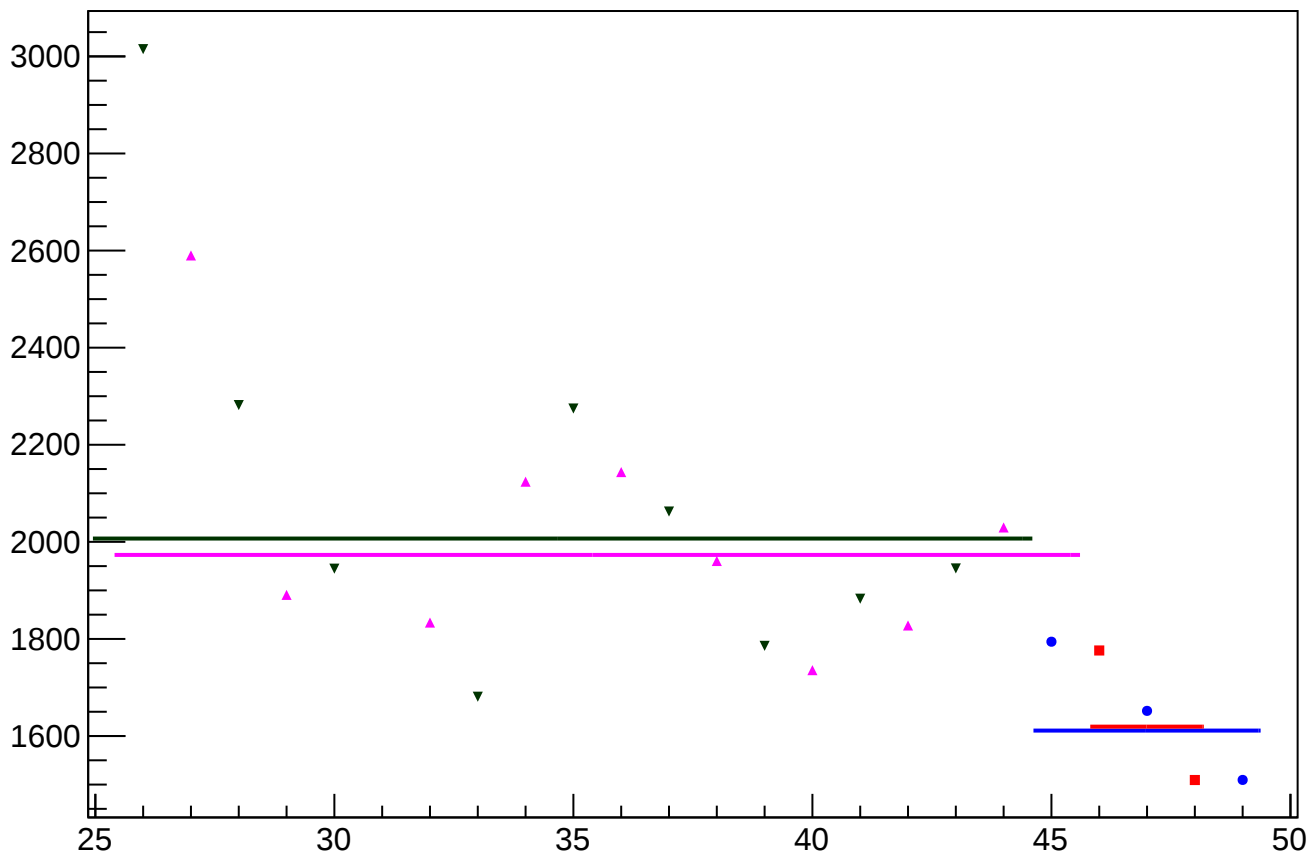
Right Out: -2797.877+/-1749.268 χ^2/NDF : 1.0/1

Left In: -1313.019+/-838.748 χ^2/NDF : 9.1/8

98.439+/-719.480 χ^2/NDF : 11.7/11

-1590.583+/-756.302 χ^2/NDF : 10.7/10

asym_sam_48_avg_rms vs slug



Right In: 1611.226 ± 0.813 χ^2/NDF : 21728.9/2

Left Out: 2006.811 ± 0.652 χ^2/NDF : 206242.3/8

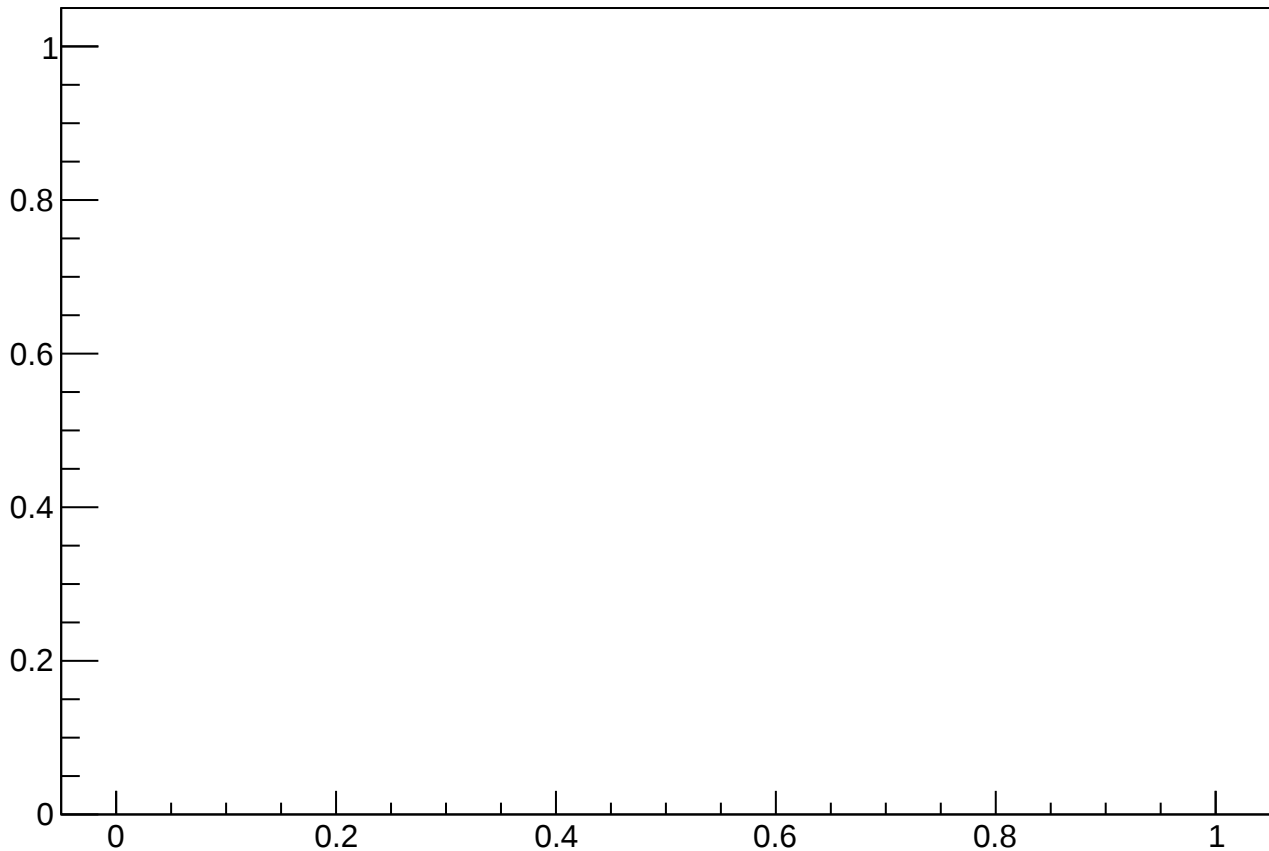
Right Out: 1619.343 ± 1.237 χ^2/NDF : 11274.8/1

Left In: 1973.078 ± 0.593 χ^2/NDF : 146156.6/8

1851.821 ± 0.509 χ^2/NDF : 372044.0/11

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

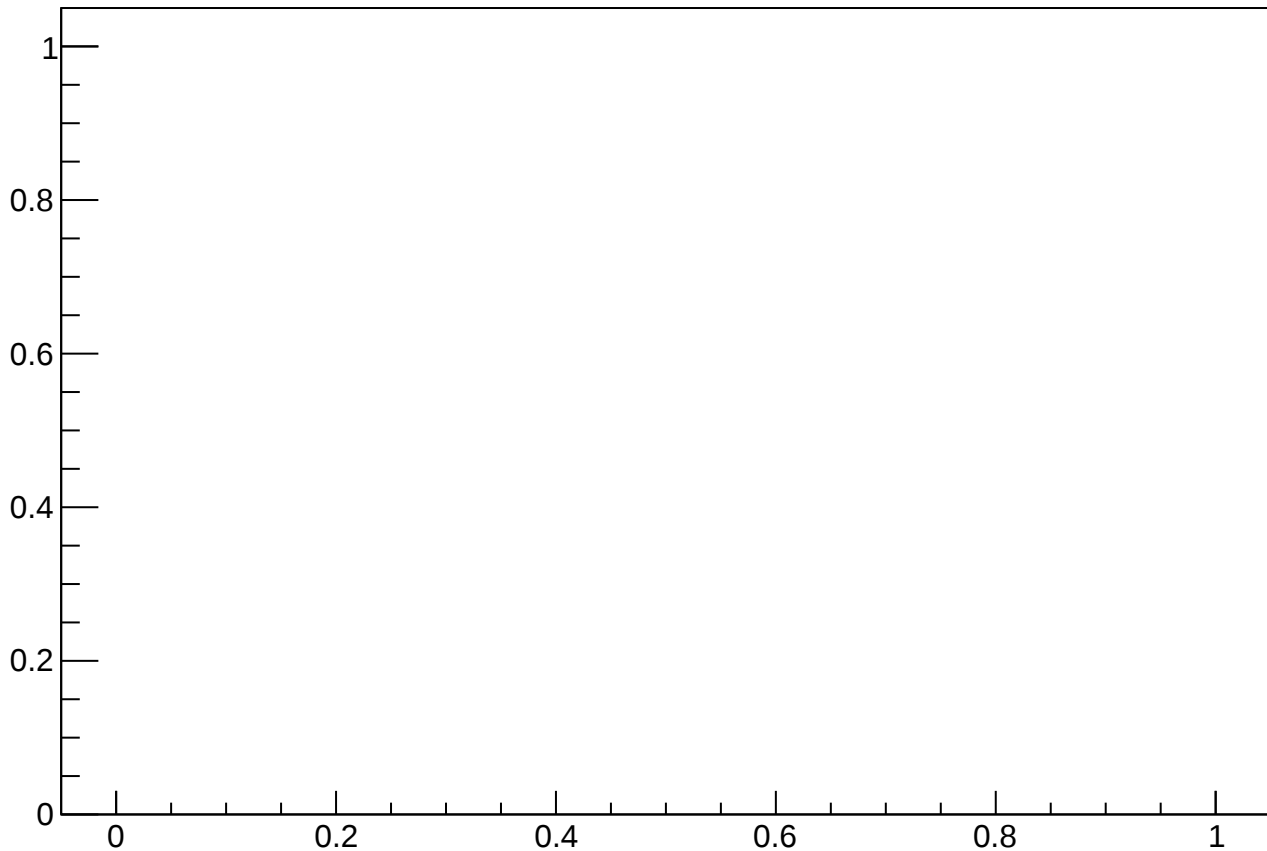
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

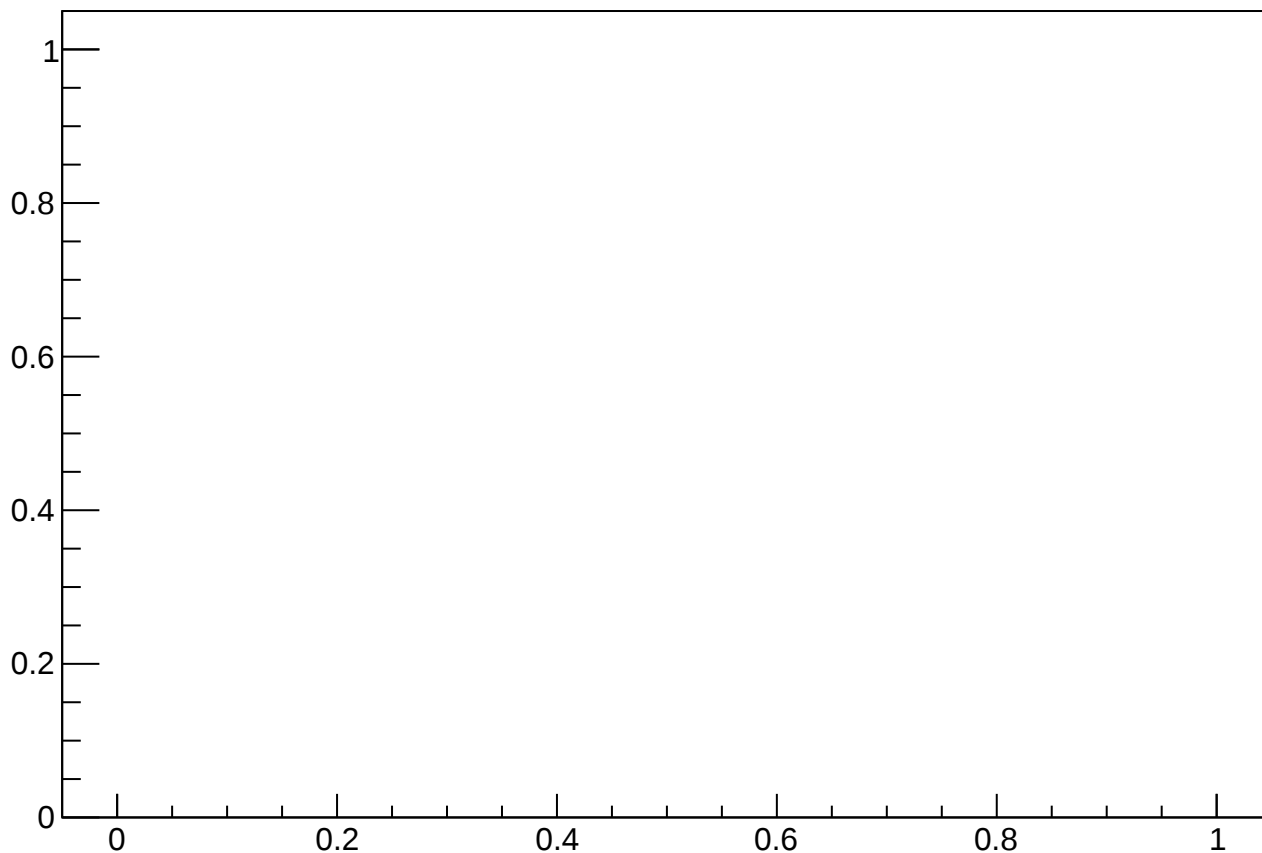
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

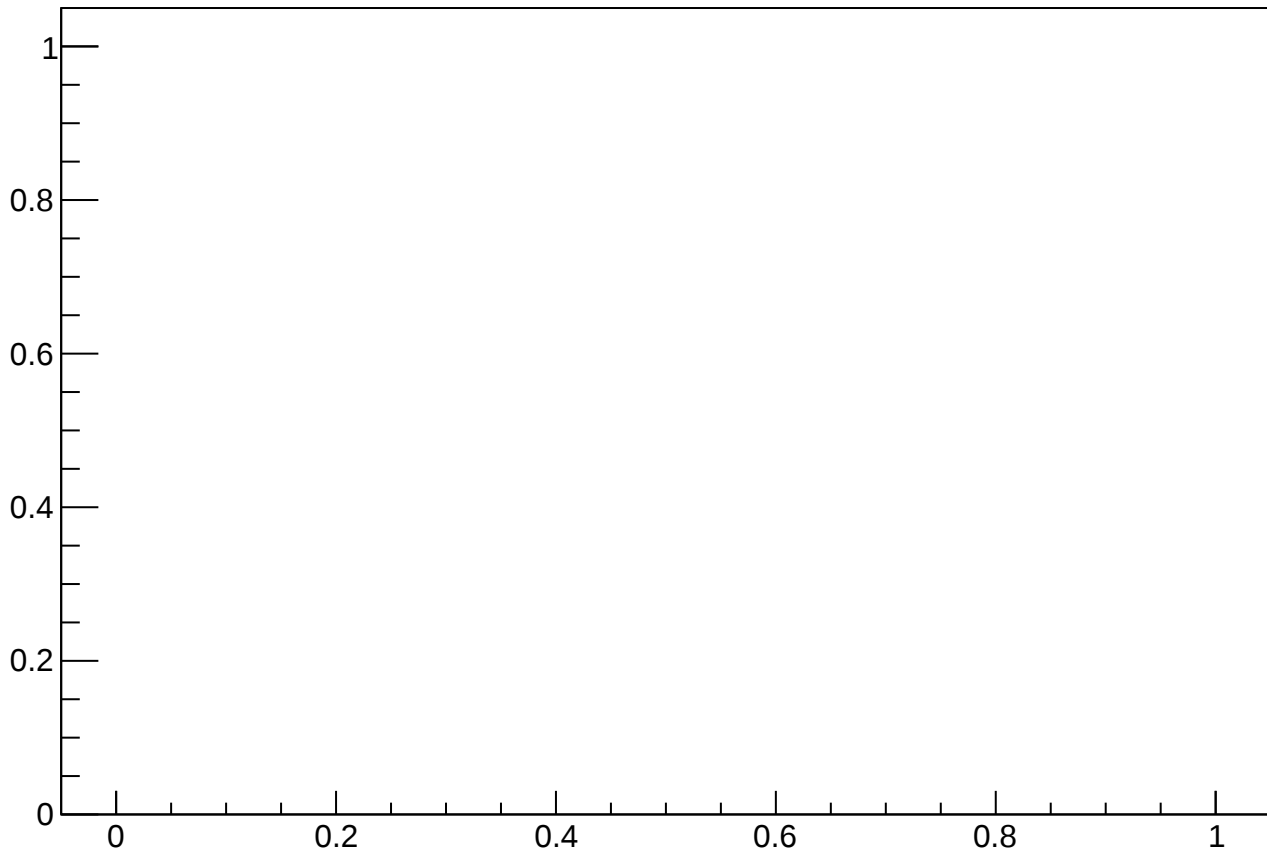
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

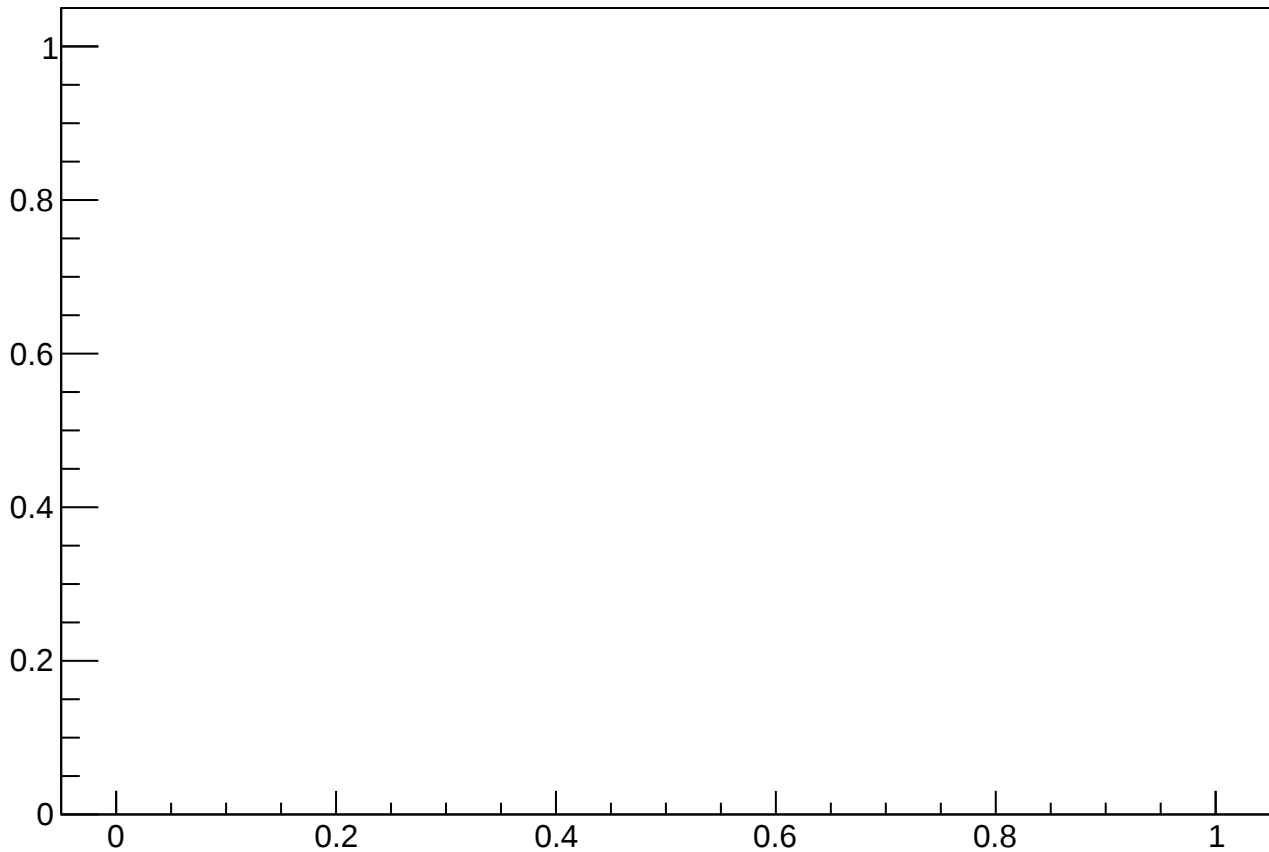
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

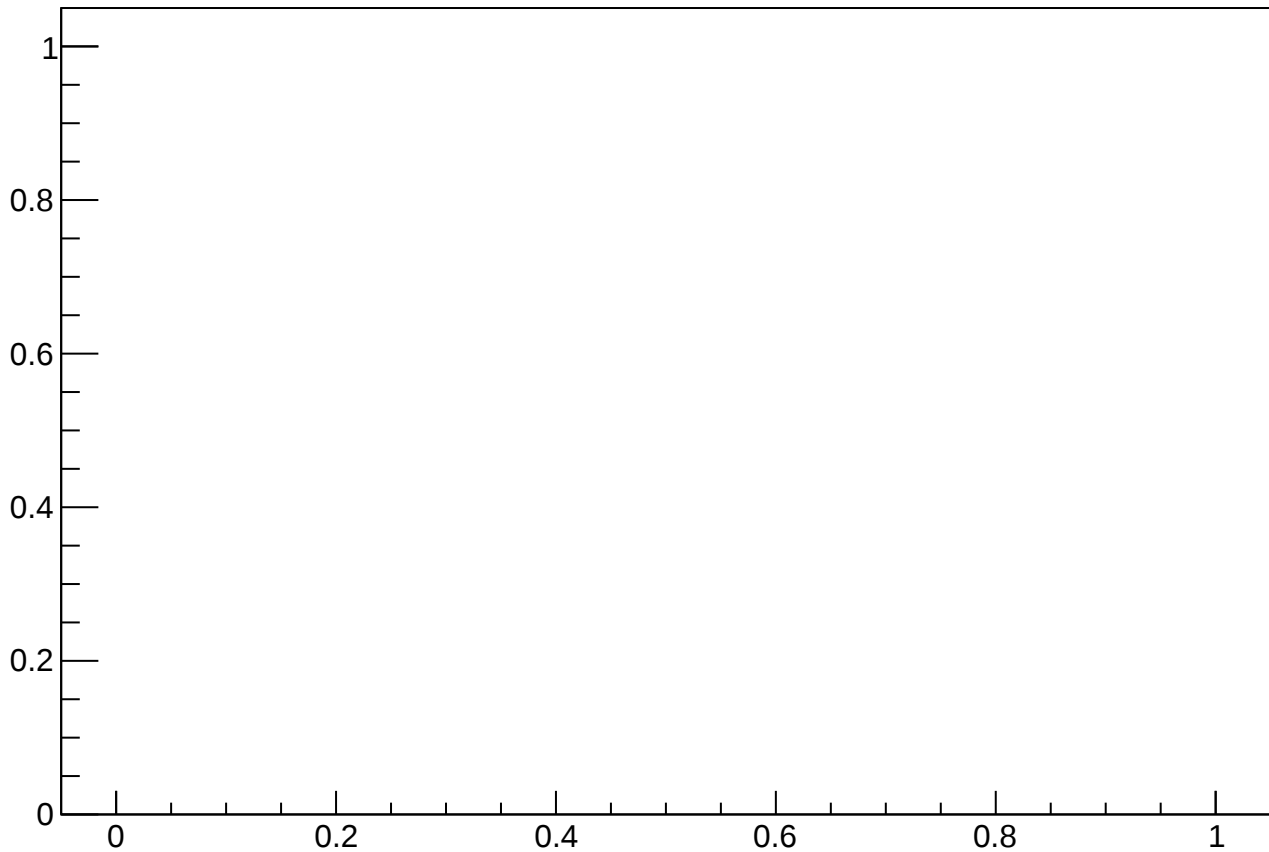
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

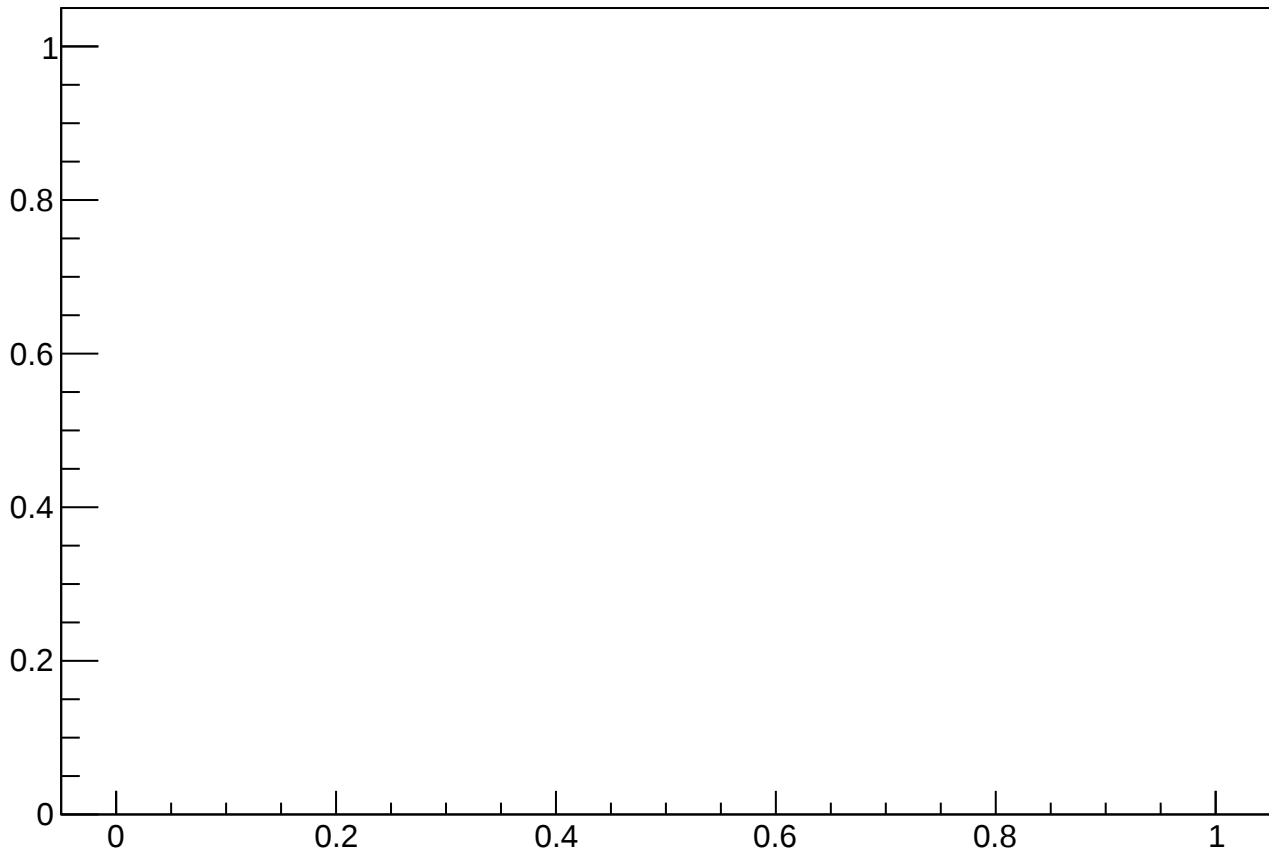
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

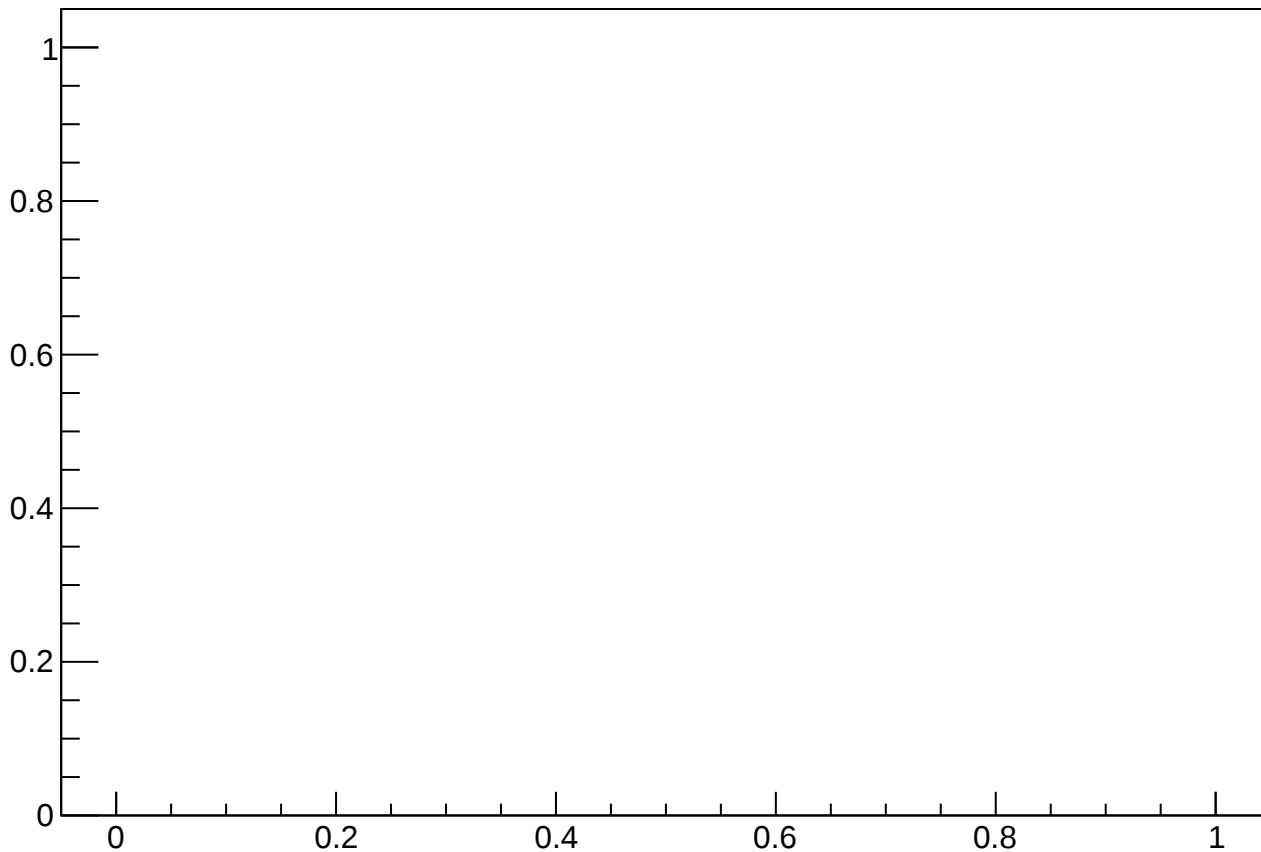
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

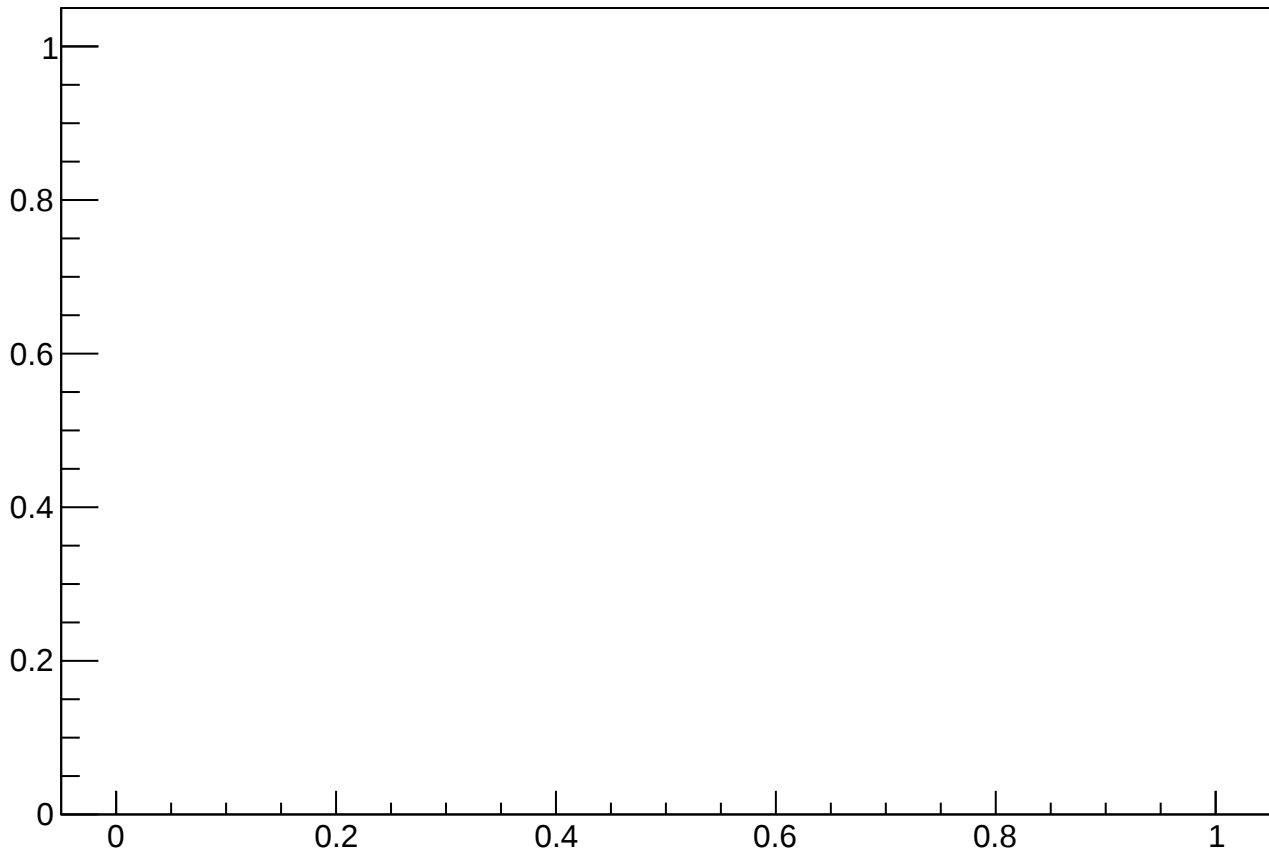
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

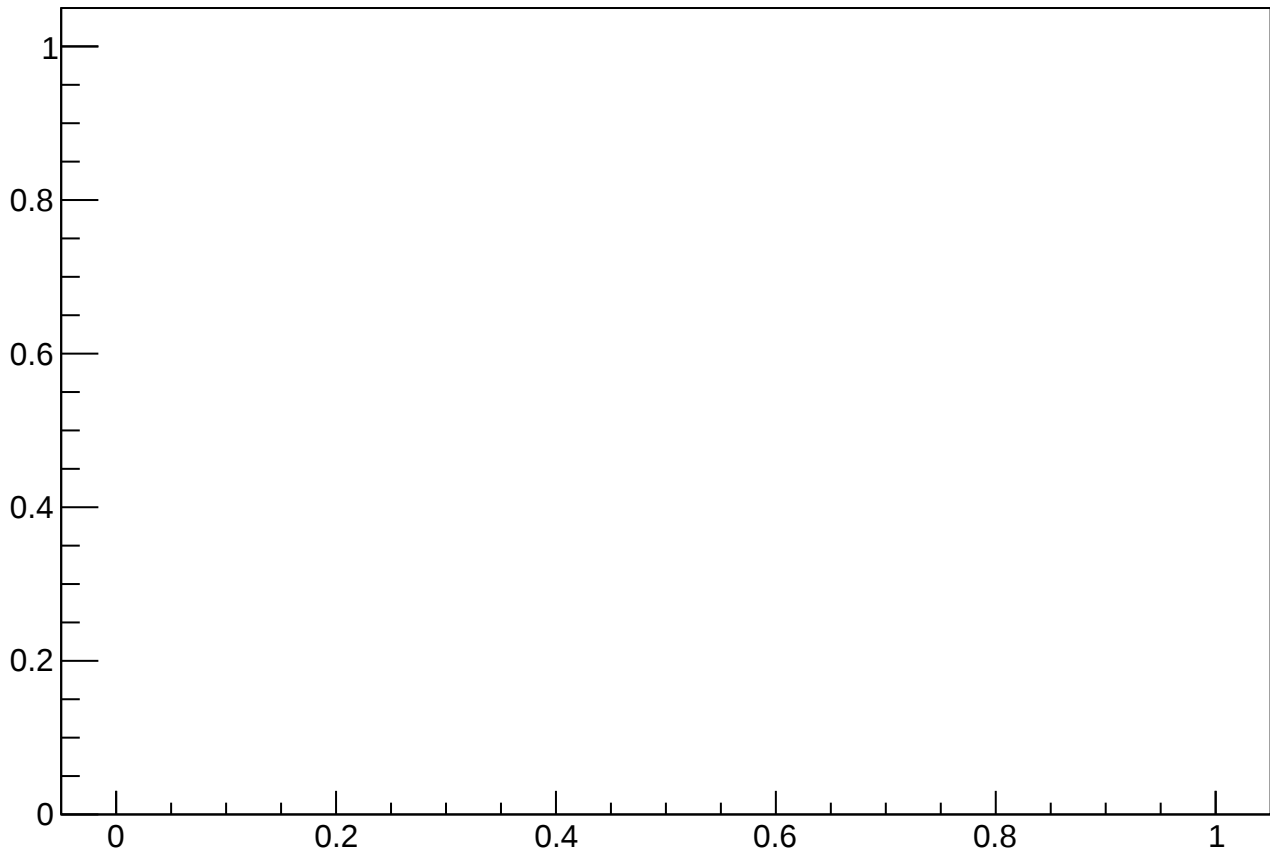
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

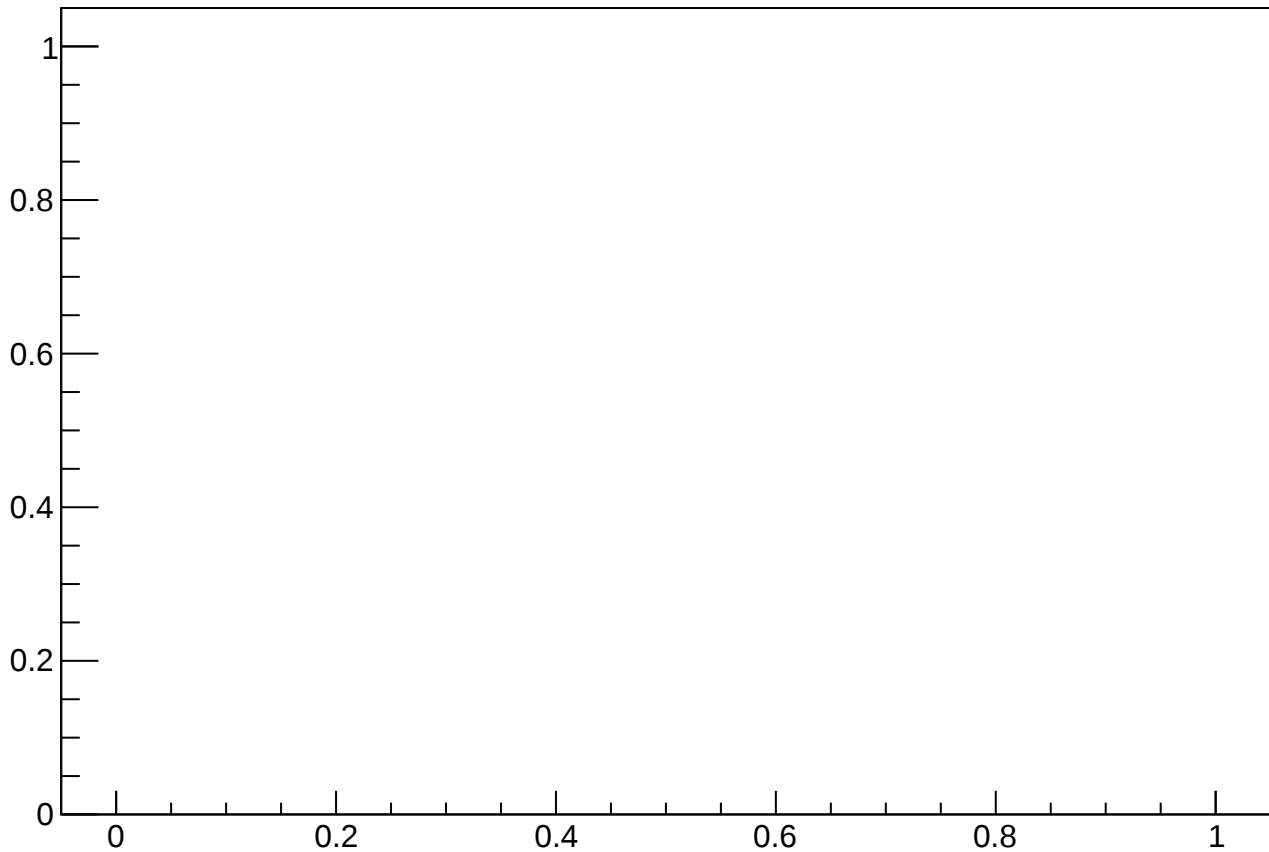
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

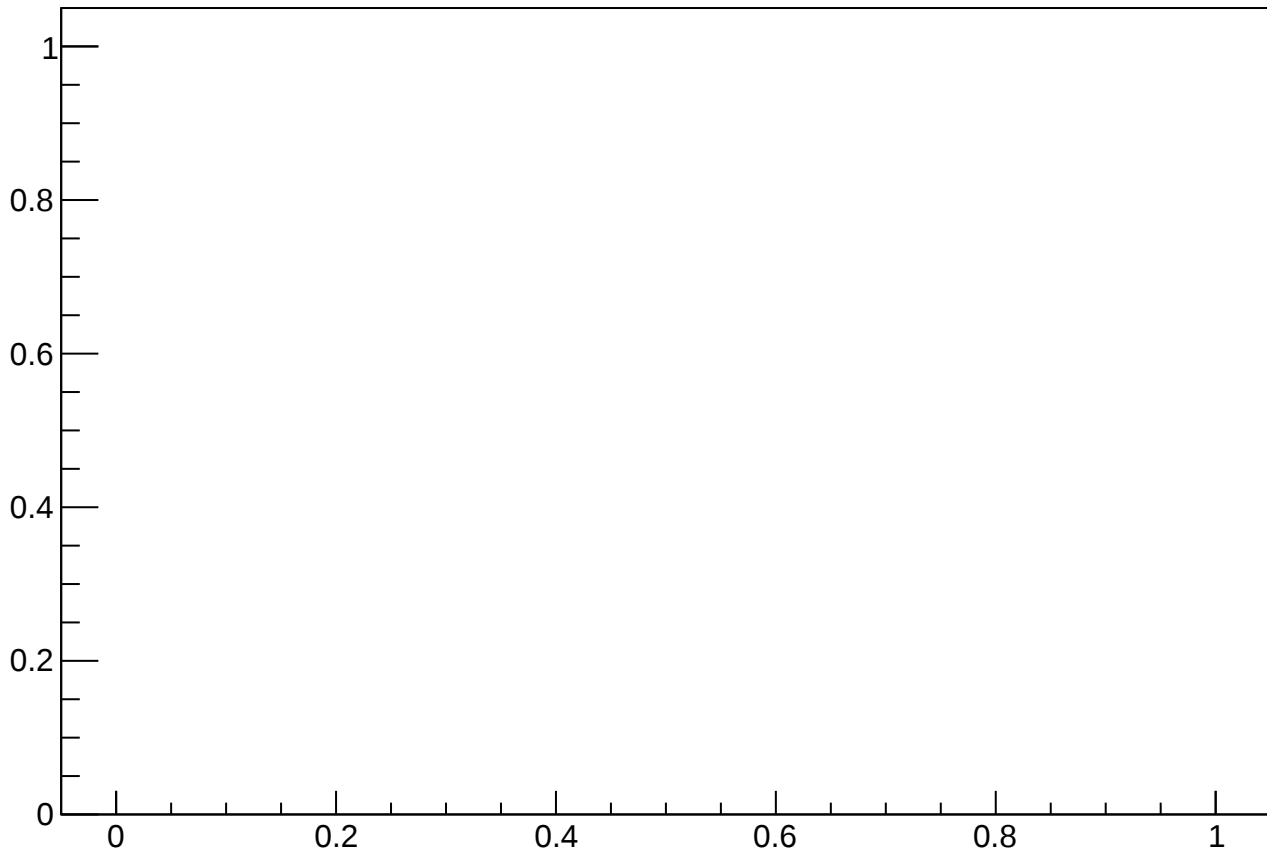
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

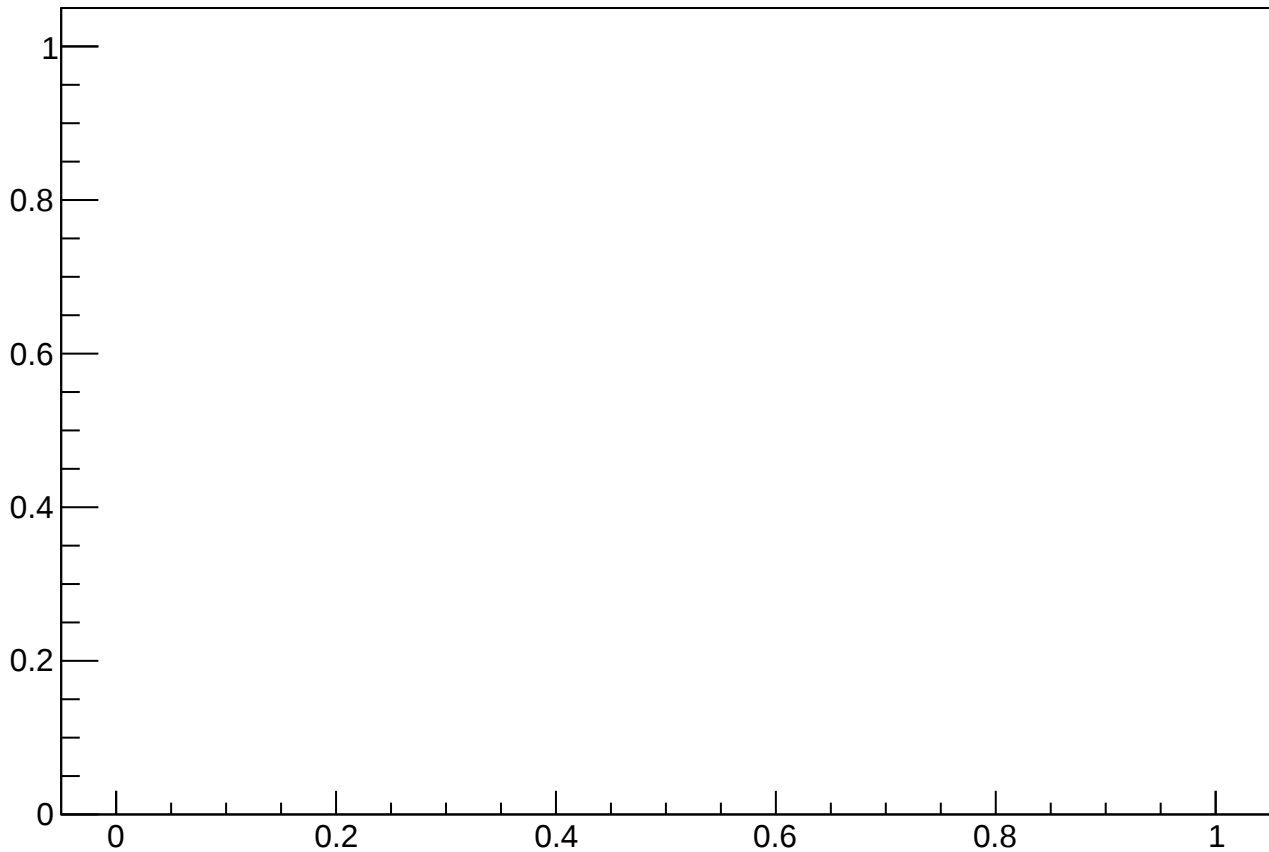
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

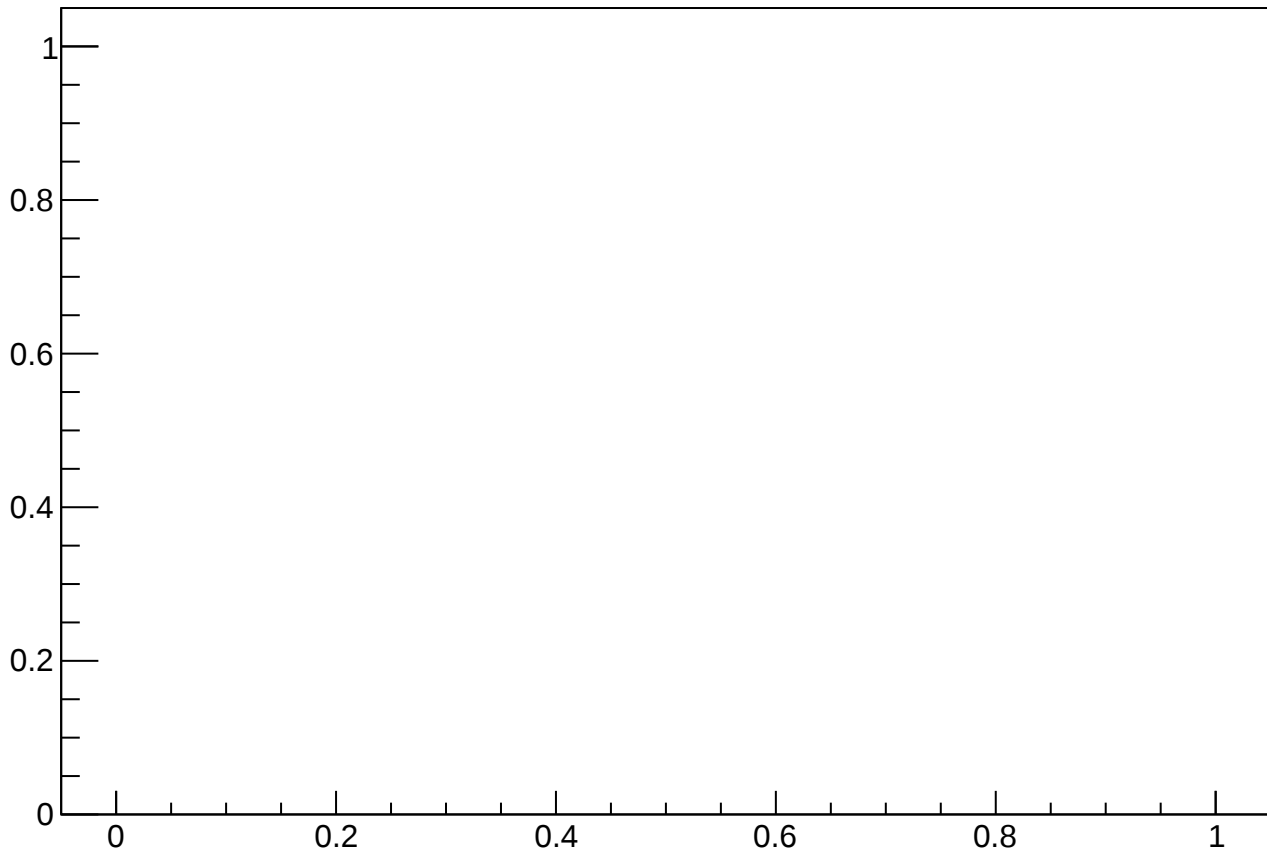
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam_37_avg_rms vs slug



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

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

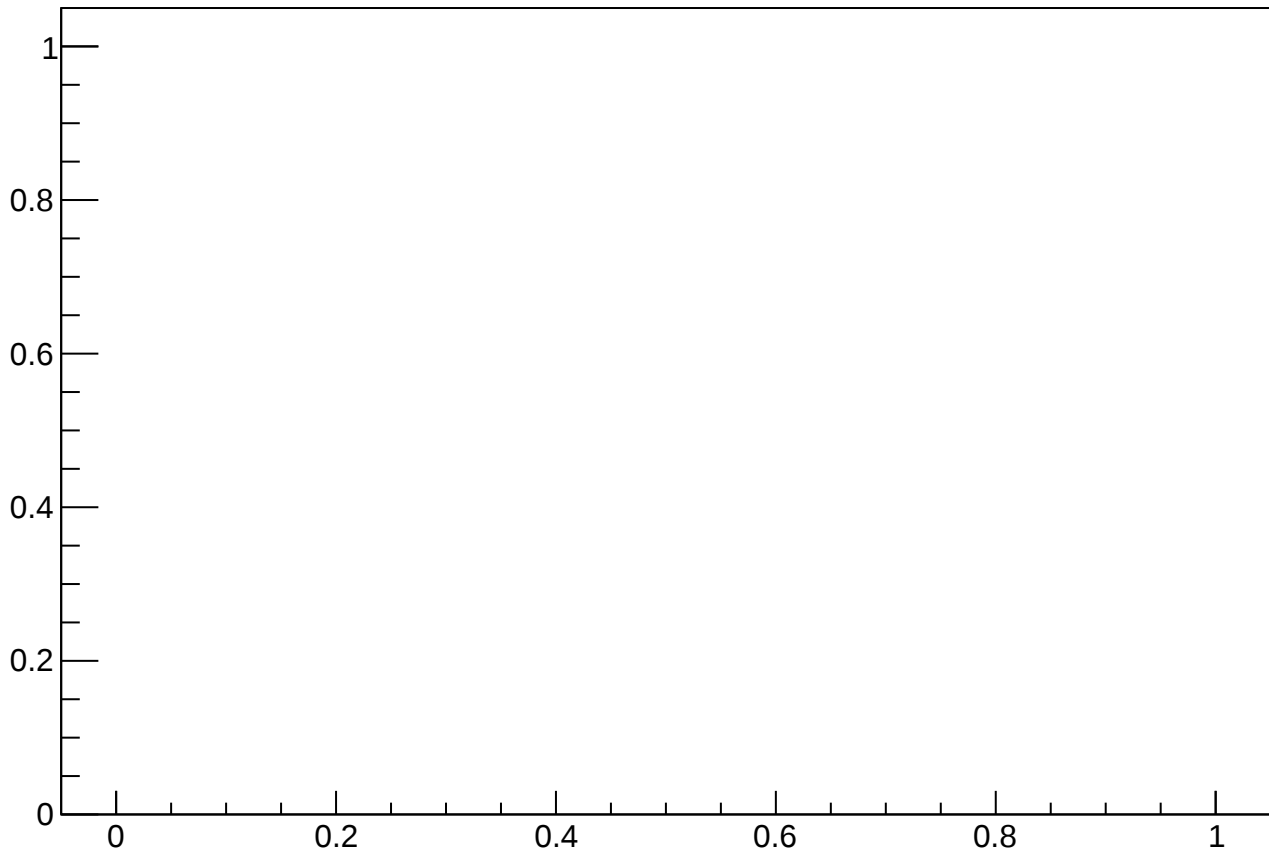
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

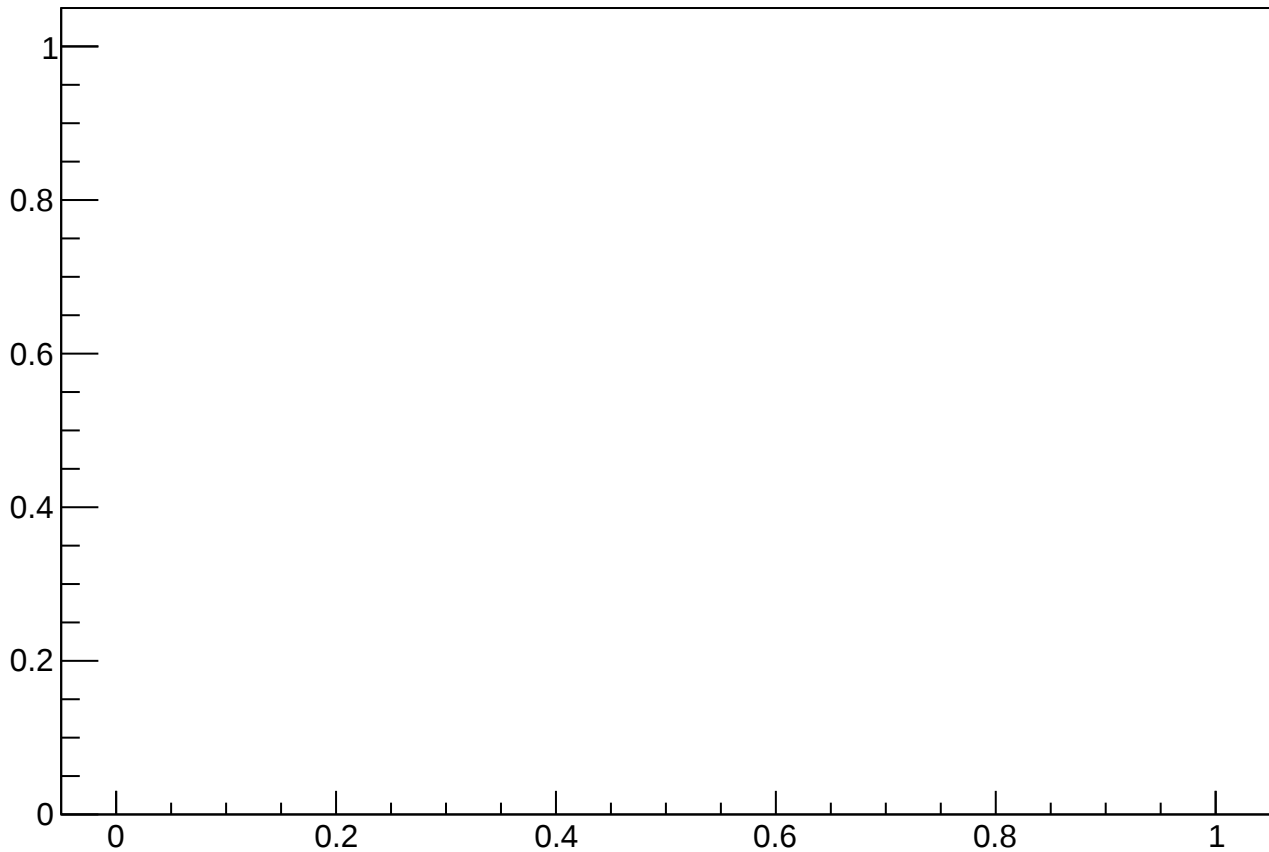
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

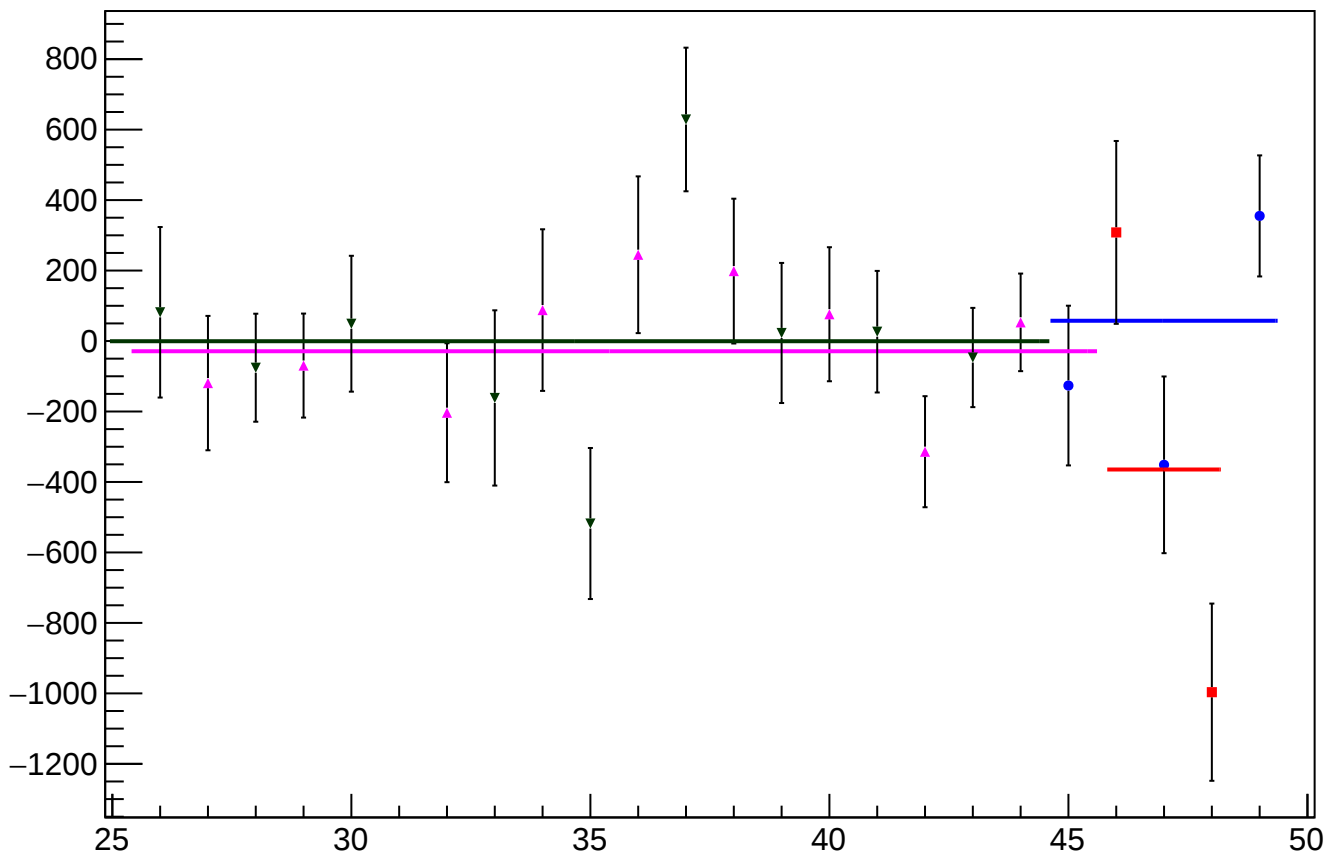
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 57.528+/-120.159 χ^2/NDF : 6.3/2

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

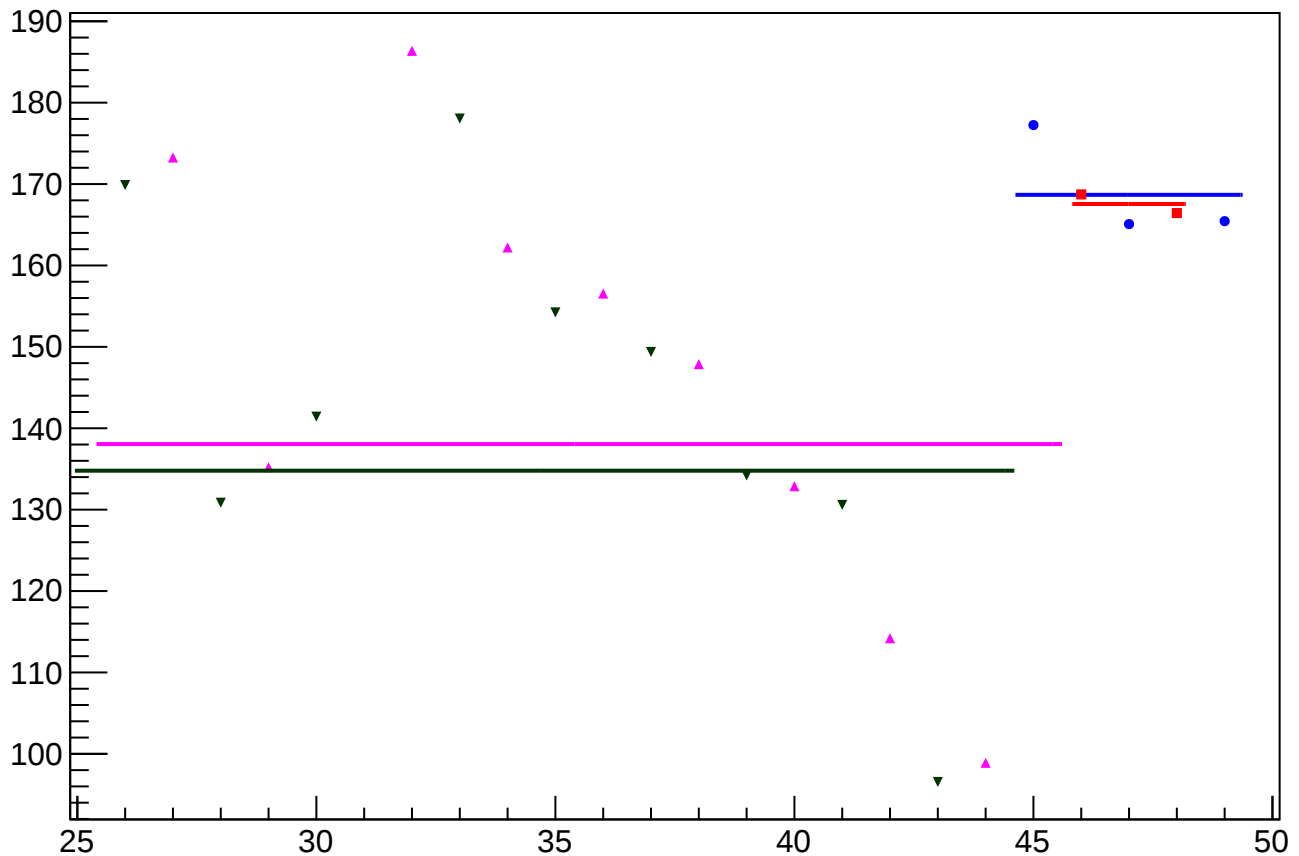
Right Out: -364.605+/-180.586 χ^2/NDF : 13.0/1

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

11.748+/-55.290 χ^2/NDF : 22.9/11

-61.894+/-56.543 χ^2/NDF : 24.2/10

reg_asym_sam_15_avg_rms vs slug



Right In: 168.679+/-0.085 χ^2/NDF : 3979.5/2

Left Out: 134.788+/-0.044 χ^2/NDF :281610.1/8

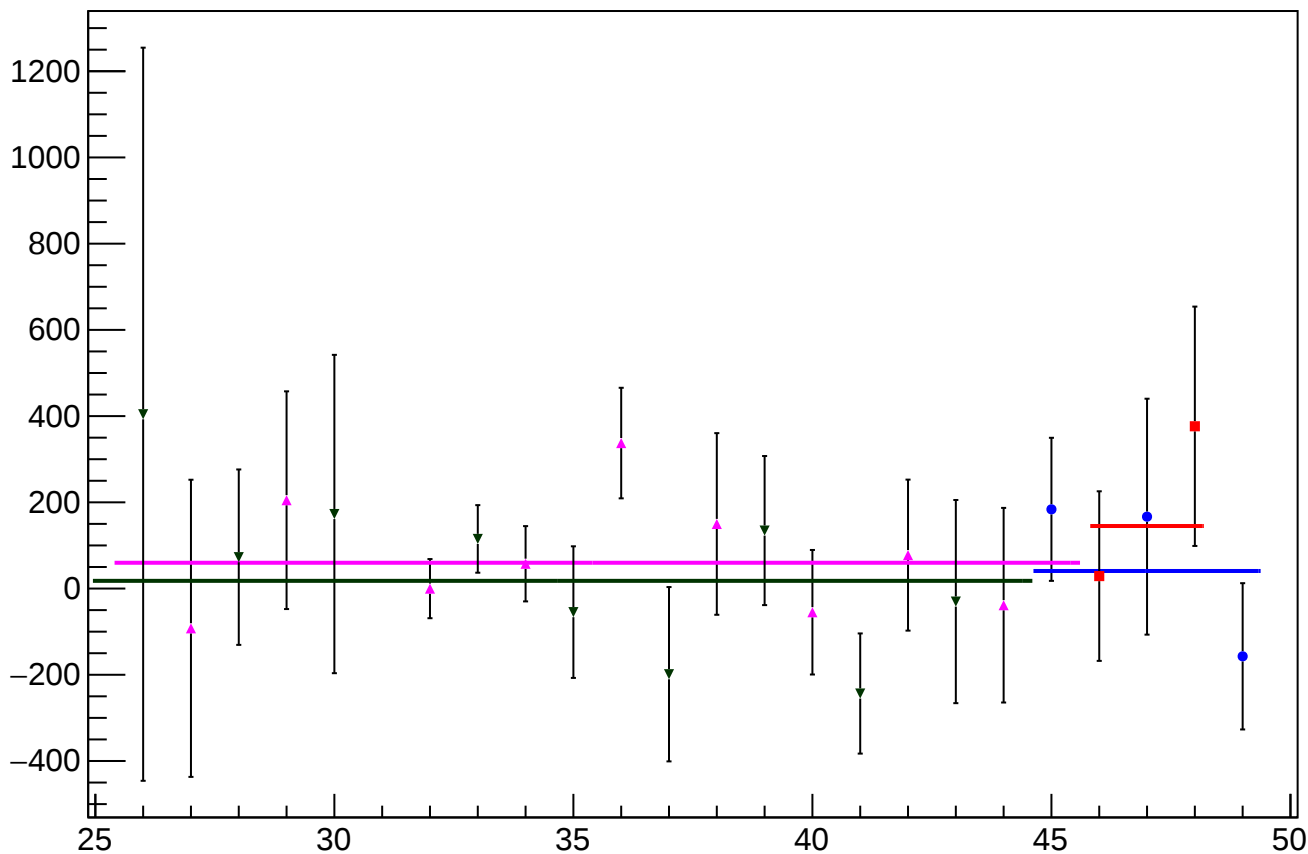
141.964+/-0.039 χ^2/NDF : 411010.1/11

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: 40.742 $\pm$ 108.837 χ^2 /NDF: 2.3/2

Left Out: 17.872 $\pm$ 52.271 χ^2 /NDF: 7.4/8

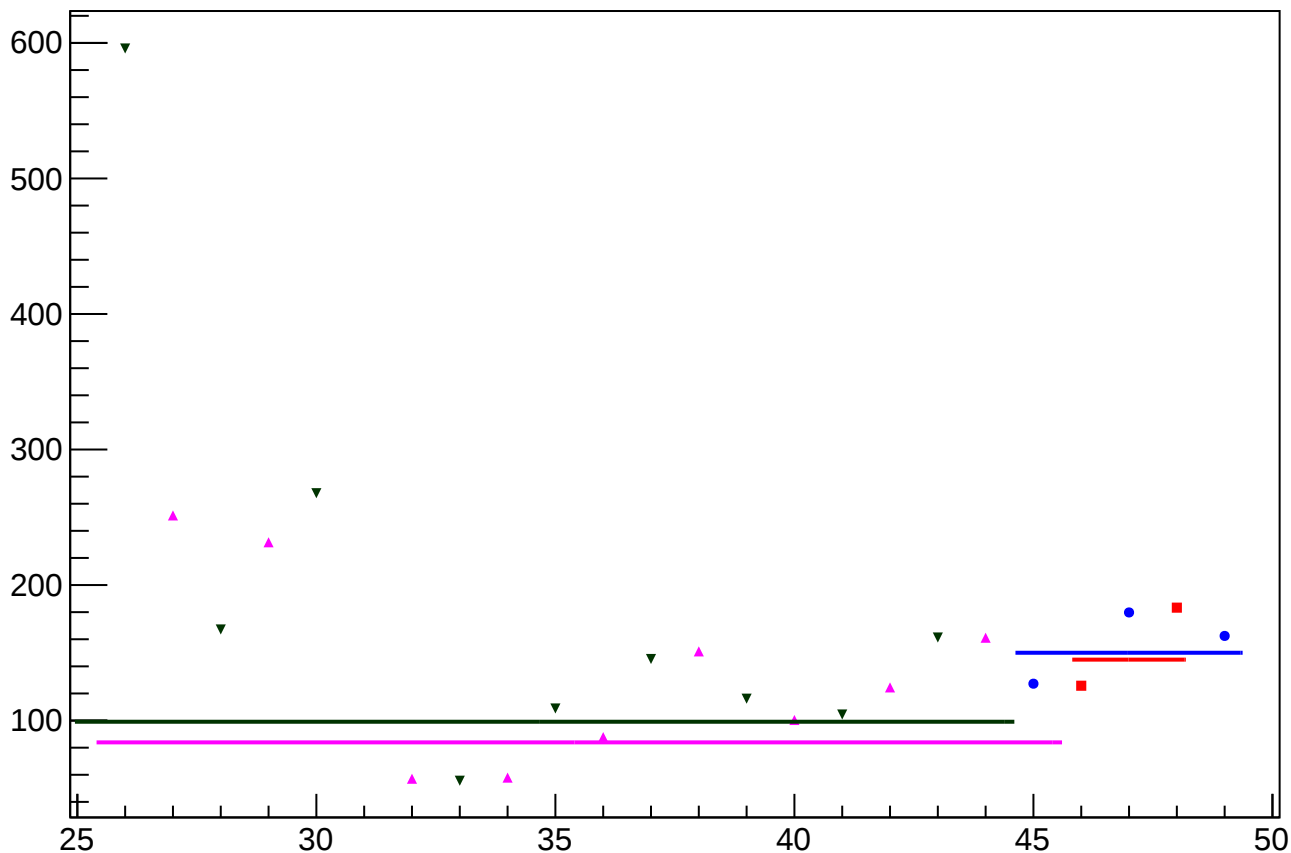
Right Out: 145.055 $\pm$ 160.485 χ^2 /NDF: 1.0/1

Left In: 59.828 $\pm$ 42.594 χ^2 /NDF: 7.0/8

22.158 $\pm$ 47.119 χ^2 /NDF: 9.7/11

65.437 $\pm$ 41.169 χ^2 /NDF: 8.3/10

asym_sam_15_avg_correction_rms vs slug



Right In: 150.039+/-0.077 χ^2/NDF : 72193.2/2

Left Out: 99.138+/-0.037 χ^2/NDF : 2215033.7/8

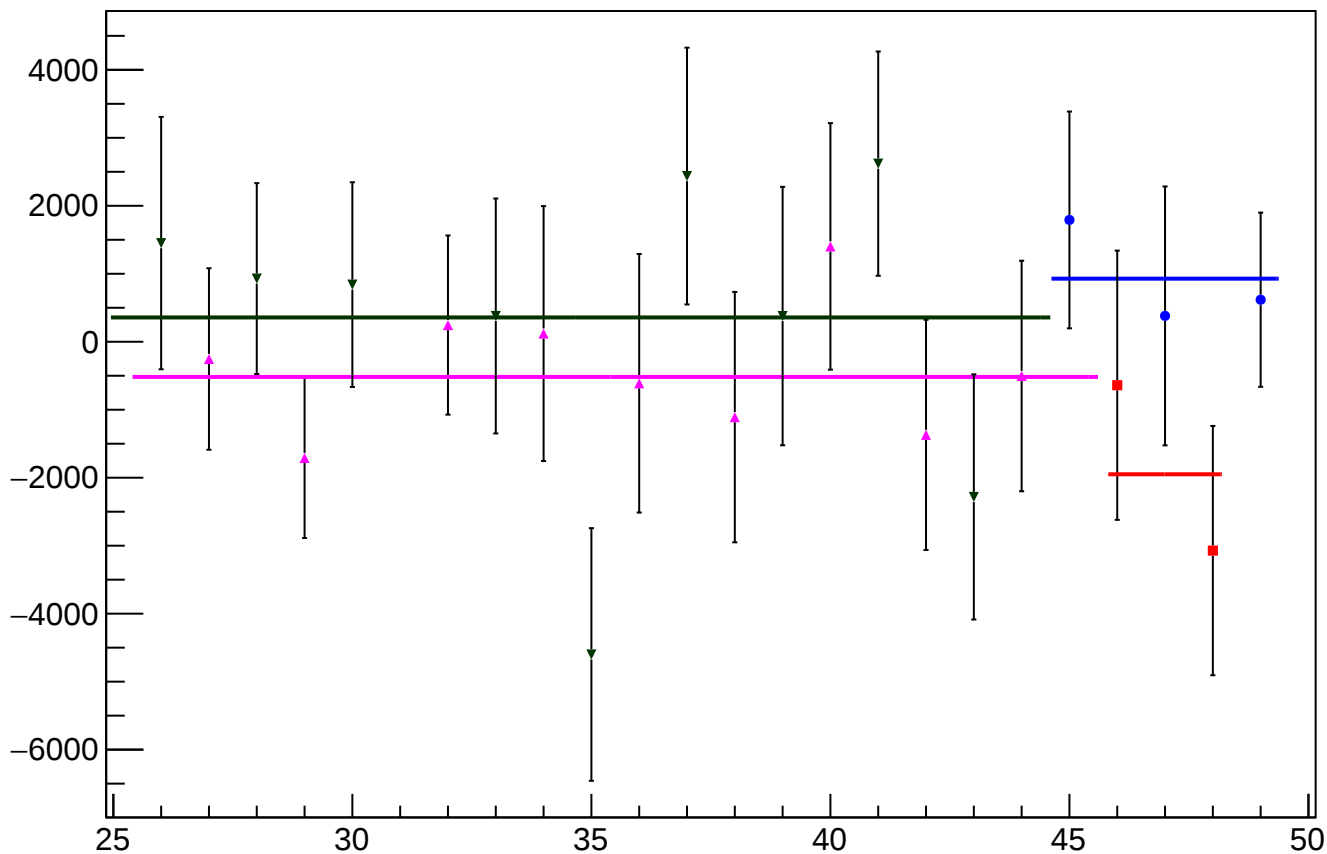
Right Out: 144.965+/-0.113 χ^2/NDF : 57334.1/1

Left In: 83.913+/-0.030 χ^2/NDF : 2211357.4/8

108.678+/-0.033 χ^2/NDF : 2642693.7/11

87.930+/-0.029 χ^2/NDF : 2539093.8/10

reg_asym_sam_26_avg_mean vs slug



Right In: 928.113 $\pm$ 884.556 χ^2 /NDF: 0.4/2

Left Out: 357.559 $\pm$ 568.392 χ^2 /NDF:13.0/8

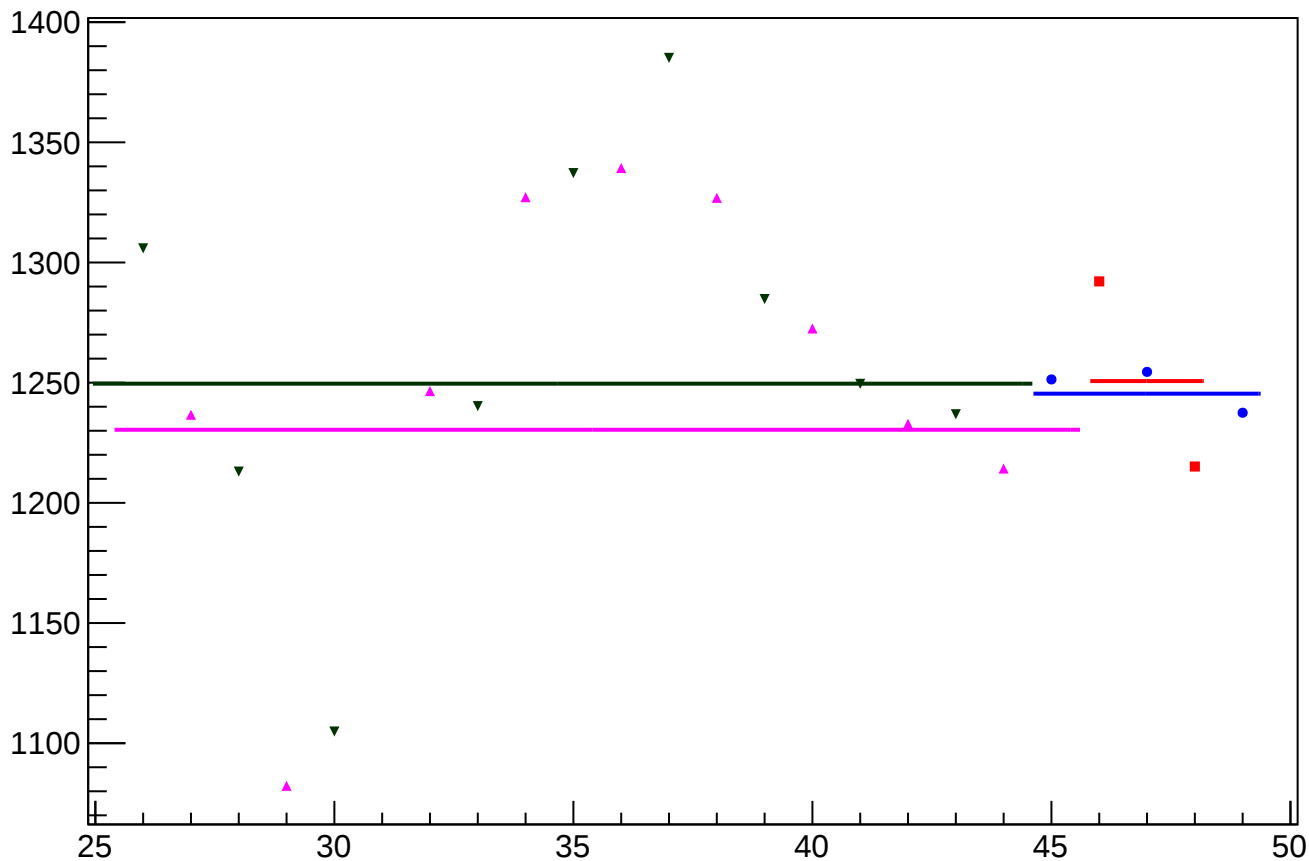
Right Out: -1949.437 $\pm$ 1345.458 χ^2 /NDF: 0.8/1

Left In: -517.544 $\pm$ 518.830 χ^2 /NDF:3.0/8

524.296 $\pm$ 478.181 χ^2 /NDF: 13.7/11

-702.903 $\pm$ 484.085 χ^2 /NDF: 4.8/10

reg_asym_sam_26_avg_rms vs slug



Right In: 1245.427+/-0.625 χ^2/NDF : 149.7/2

Left Out: 1249.590+/-0.402 χ^2/NDF : 37264.3/8

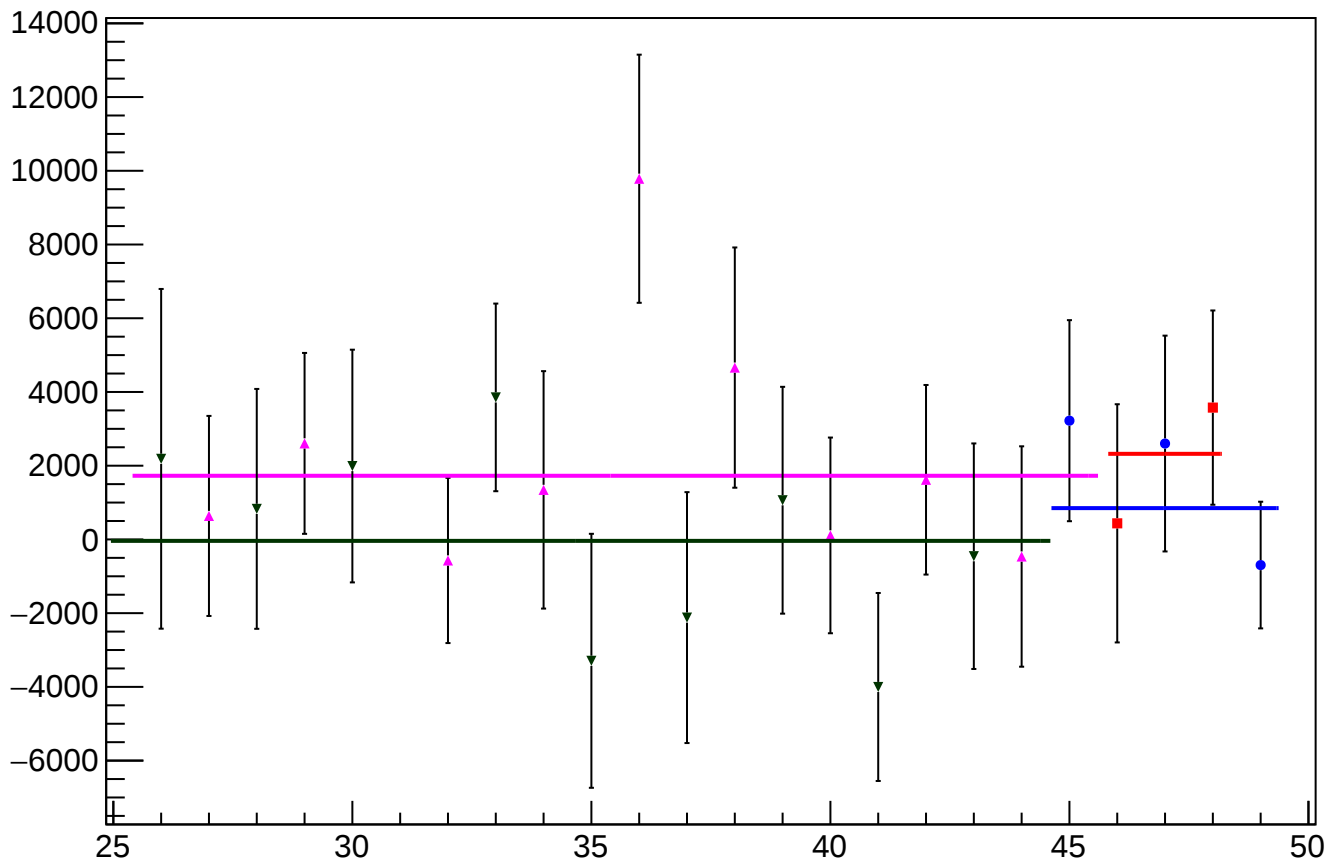
Right Out: 1250.670+/-0.951 χ^2/NDF : 1629.4/1

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.2/8

1248.373+/-0.338 χ^2/NDF : 37445.3/11

1233.036+/-0.342 χ^2/NDF : 52680.2/10

asym_sam_26_avg_correction_mean vs slug



Right In: 849.248+/-1301.878 χ^2/NDF : 1.9/2

Left Out: -39.269+/-1035.135 χ^2/NDF : 6.9/8

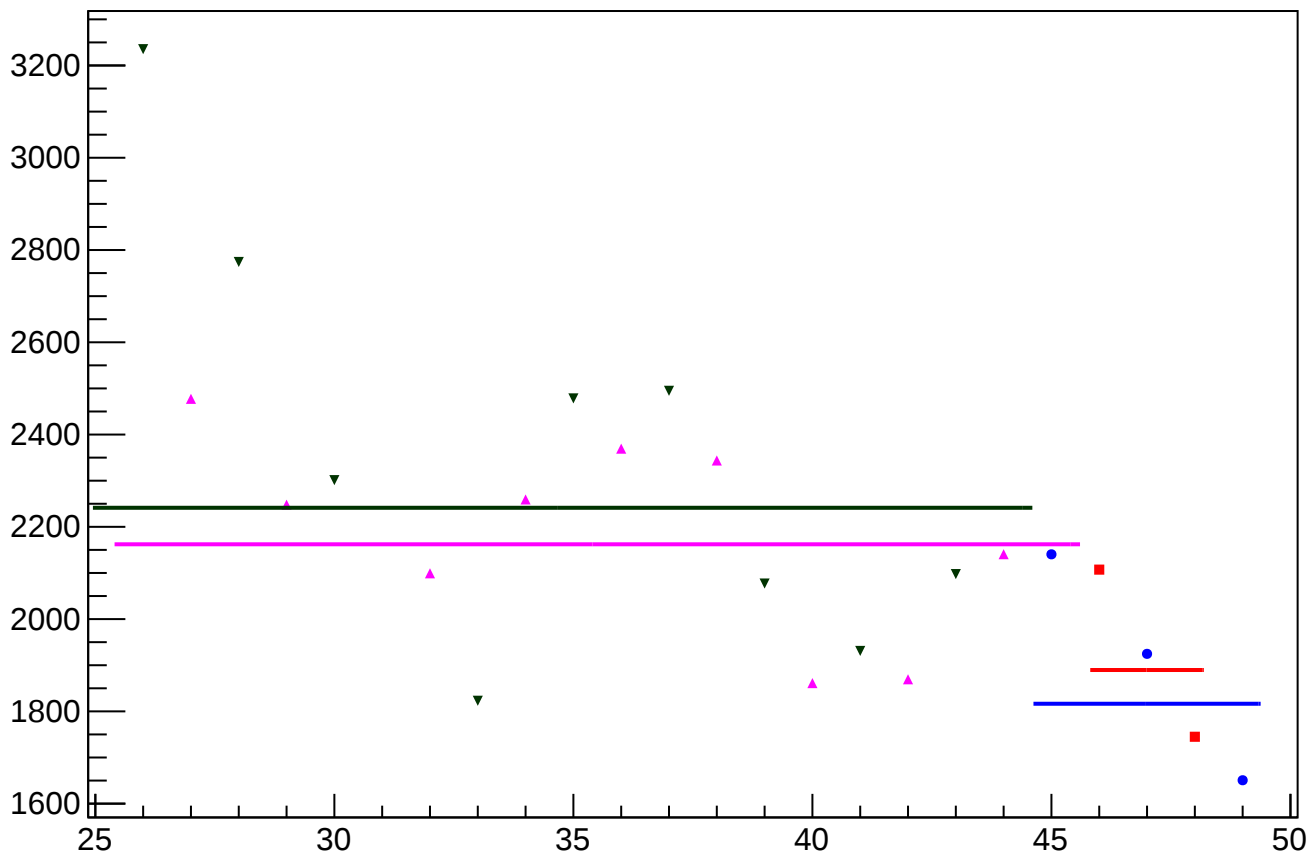
304.880+/-810.234 χ^2/NDF : 9.1/11

Right Out: 2322.036+/-2041.806 χ^2/NDF : 0.6/1

1827.097+/-837.748 χ^2/NDF : 9.4/10

Left In: 1726.912+/-918.632 χ^2/NDF : 8.8/8

asym_sam_26_avg_correction_rms vs slug



Right In: 1816.516+/-0.921 χ^2/NDF : 49571.1/2

Left Out: 2241.302+/-0.732 χ^2/NDF : 261773.6/8

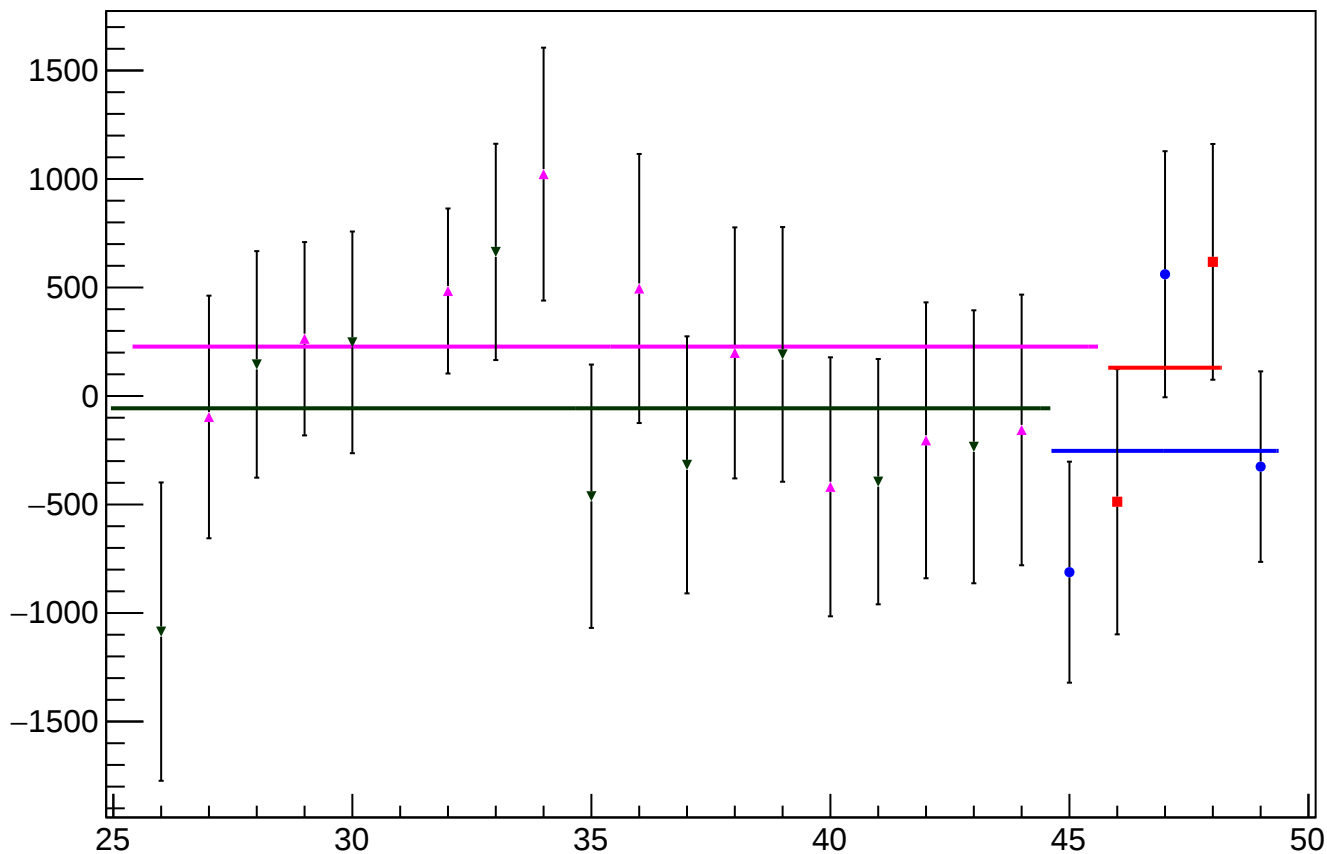
Right Out: 1889.651+/-1.444 χ^2/NDF : 15102.2/1

Left In: 2162.148+/-0.650 χ^2/NDF : 98343.3/8

2076.770+/-0.573 χ^2/NDF : 441798.8/11

2116.275+/-0.592 χ^2/NDF : 143071.3/10

reg_asym_sam_37_avg_mean vs slug



Right In: -252.814 $\pm$ 286.812 χ^2 /NDF: 3.3/2

Left Out: -56.564 $\pm$ 189.750 χ^2 /NDF: 6.1/8

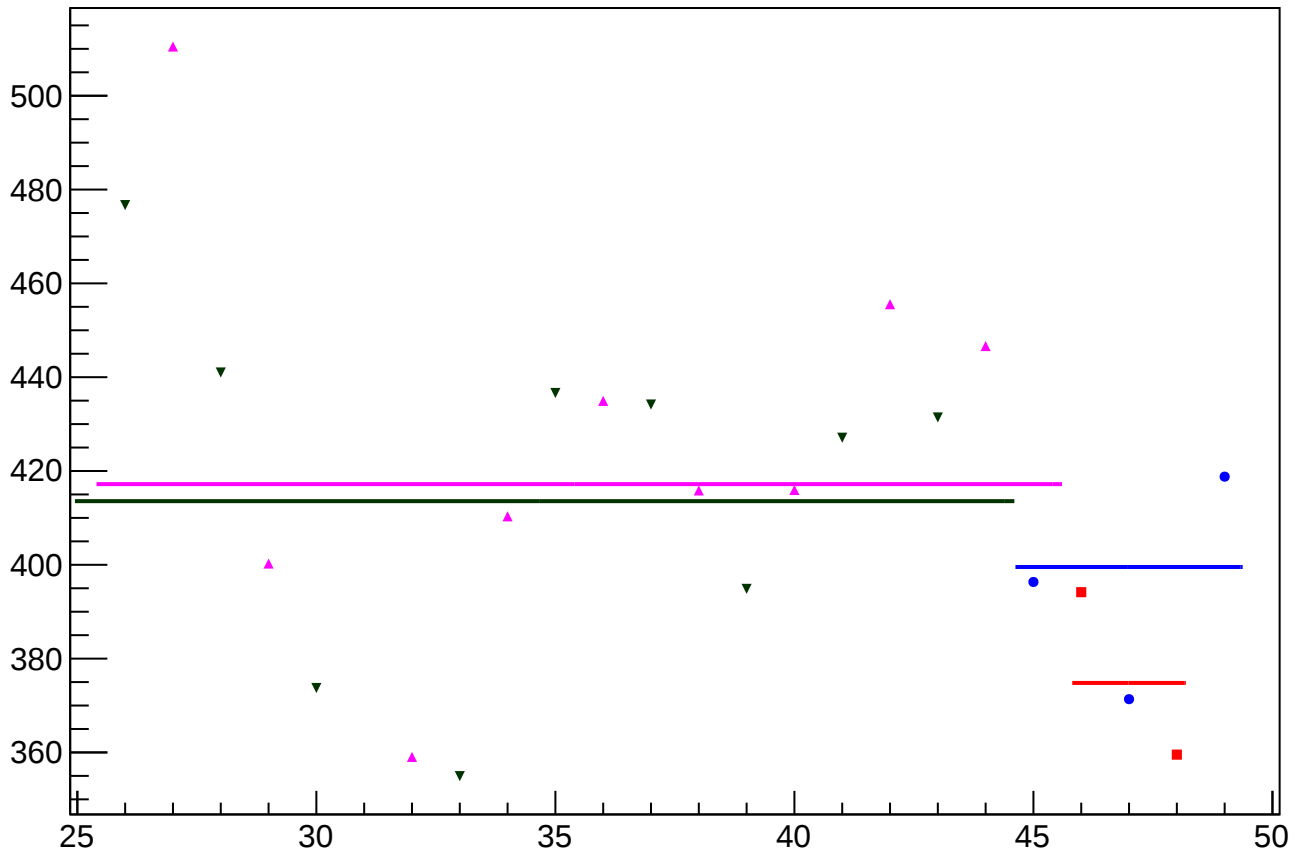
Right Out: 130.388 $\pm$ 405.978 χ^2 /NDF: 1.8/1

Left In: 227.618 $\pm$ 178.031 χ^2 /NDF: 4.9/8

-116.310 $\pm$ 158.252 χ^2 /NDF: 9.7/11

211.936 $\pm$ 163.043 χ^2 /NDF: 6.7/10

reg_asym_sam_37_avg_rms vs slug



Right In: 399.534+/-0.203 χ^2/NDF : 8868.5/2

Left Out: 413.572+/-0.134 χ^2/NDF : 72321.2/8

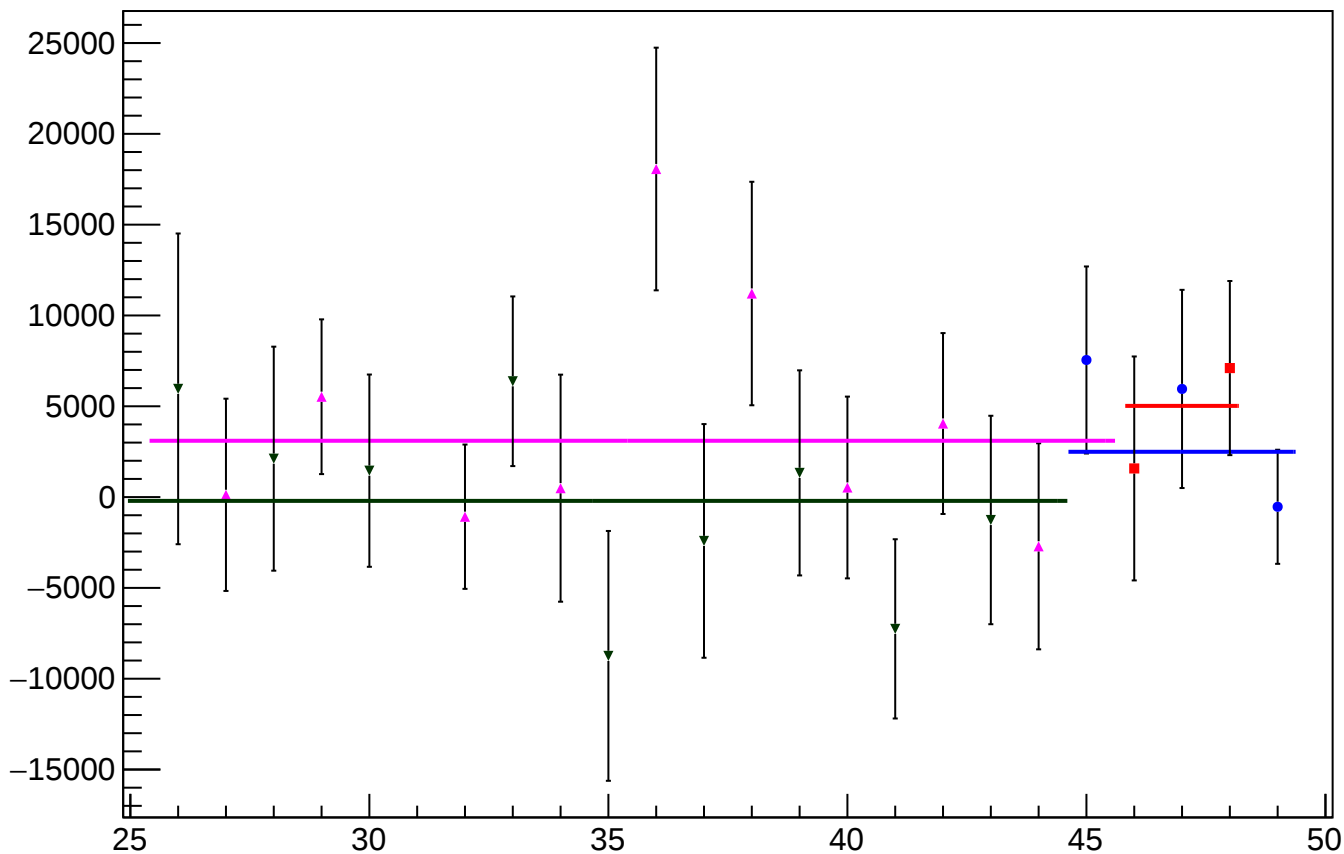
Right Out: 374.817+/-0.287 χ^2/NDF : 3589.2/1

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

409.298+/-0.112 χ^2/NDF : 84522.5/11

410.365+/-0.115 χ^2/NDF : 140936.0/10

asym_sam_37_avg_correction_mean vs slug



Right In: 2494.103+/-2406.616 χ^2/NDF : 2.3/2

Left Out: -208.829+/-1925.930 χ^2/NDF : 6.6/8

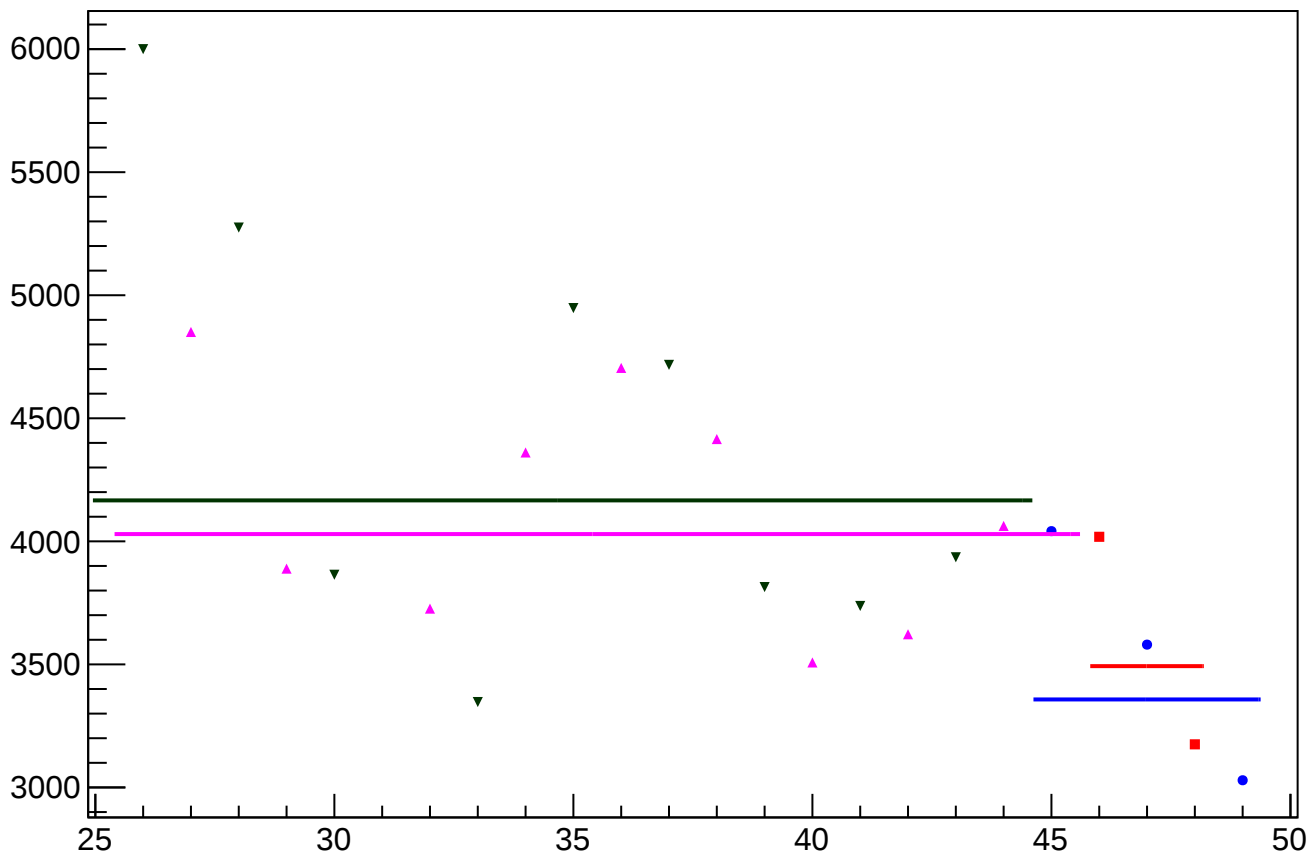
Right Out: 5021.452+/-3784.362 χ^2/NDF : 0.5/1

Left In: 3100.951+/-1715.208 χ^2/NDF : 10.0/8

846.399+/-1503.705 χ^2/NDF : 9.6/11

3428.234+/-1562.237 χ^2/NDF : 10.7/10

asym_sam_37_avg_correction_rms vs slug



Right In: 3357.557+/-1.702 χ^2/NDF : 60470.3/2

Left Out: 4166.379+/-1.362 χ^2/NDF : 291206.4/8

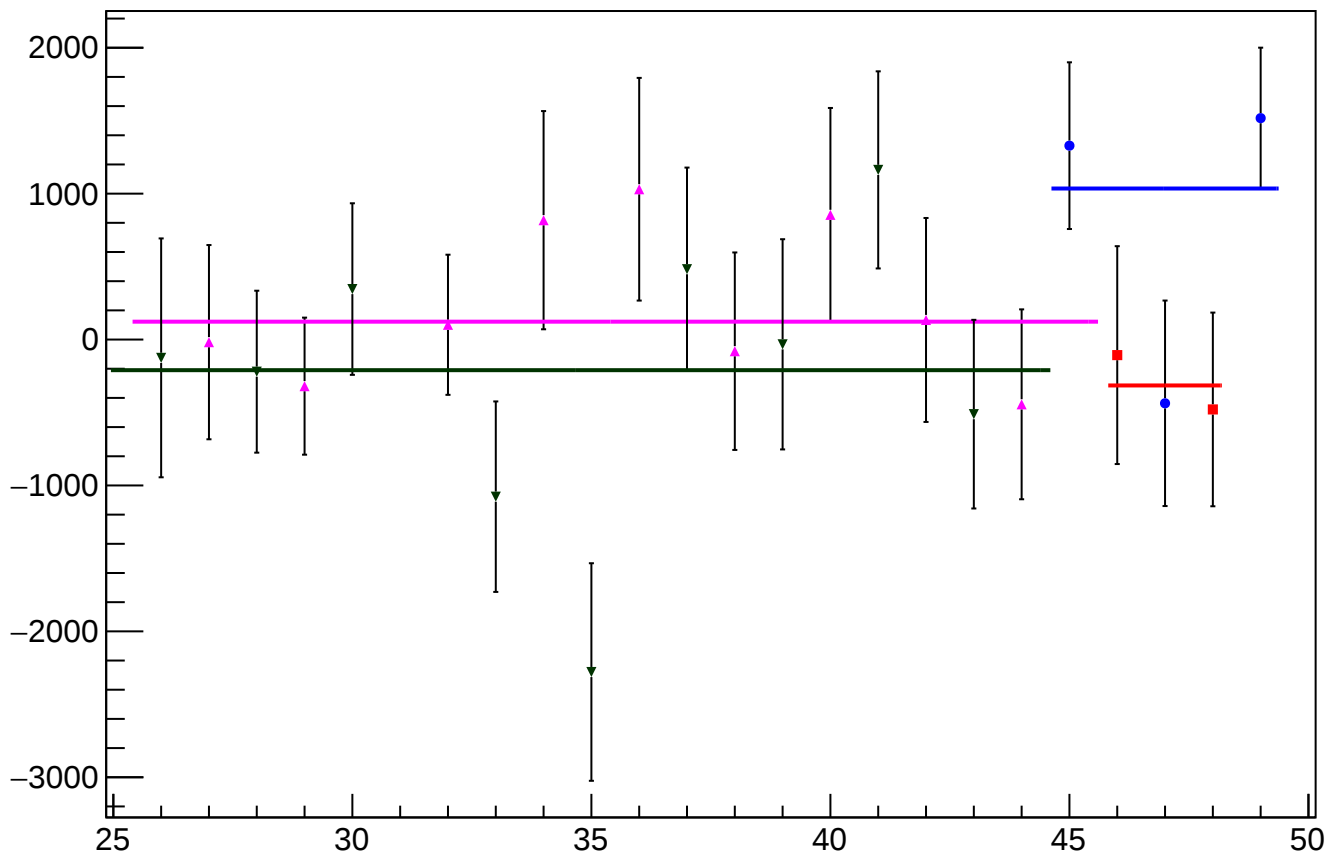
Right Out: 3492.884+/-2.676 χ^2/NDF : 23320.5/1

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

3850.614+/-1.063 χ^2/NDF : 489386.9/11

3938.061+/-1.105 χ^2/NDF : 187733.7/10

reg_asym_sam_48_avg_mean vs slug



Right In: 1035.158 $\pm$ 326.703 χ^2 /NDF: 5.6/2

Left Out: -209.900 $\pm$ 221.674 χ^2 /NDF:15.8/8

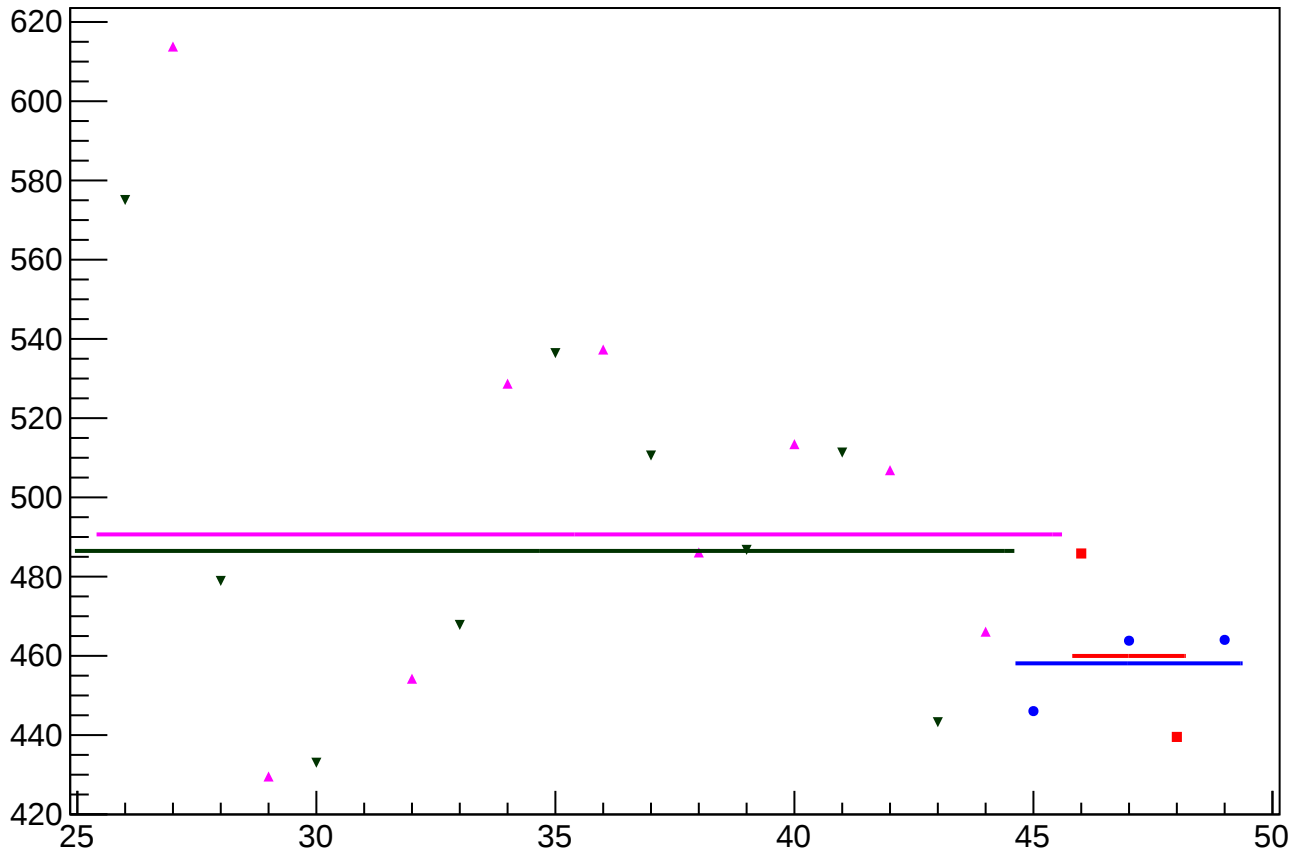
Right Out: -314.625 $\pm$ 496.051 χ^2 /NDF: 0.1/1

Left In: 122.495 $\pm$ 208.120 χ^2 /NDF:5.1/8

182.604 $\pm$ 183.434 χ^2 /NDF: 31.3/11

57.067 $\pm$ 191.914 χ^2 /NDF: 5.9/10

reg_asym_sam_48_avg_rms vs slug



Right In: 458.107+/-0.231 χ^2/NDF : 1323.5/2

Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

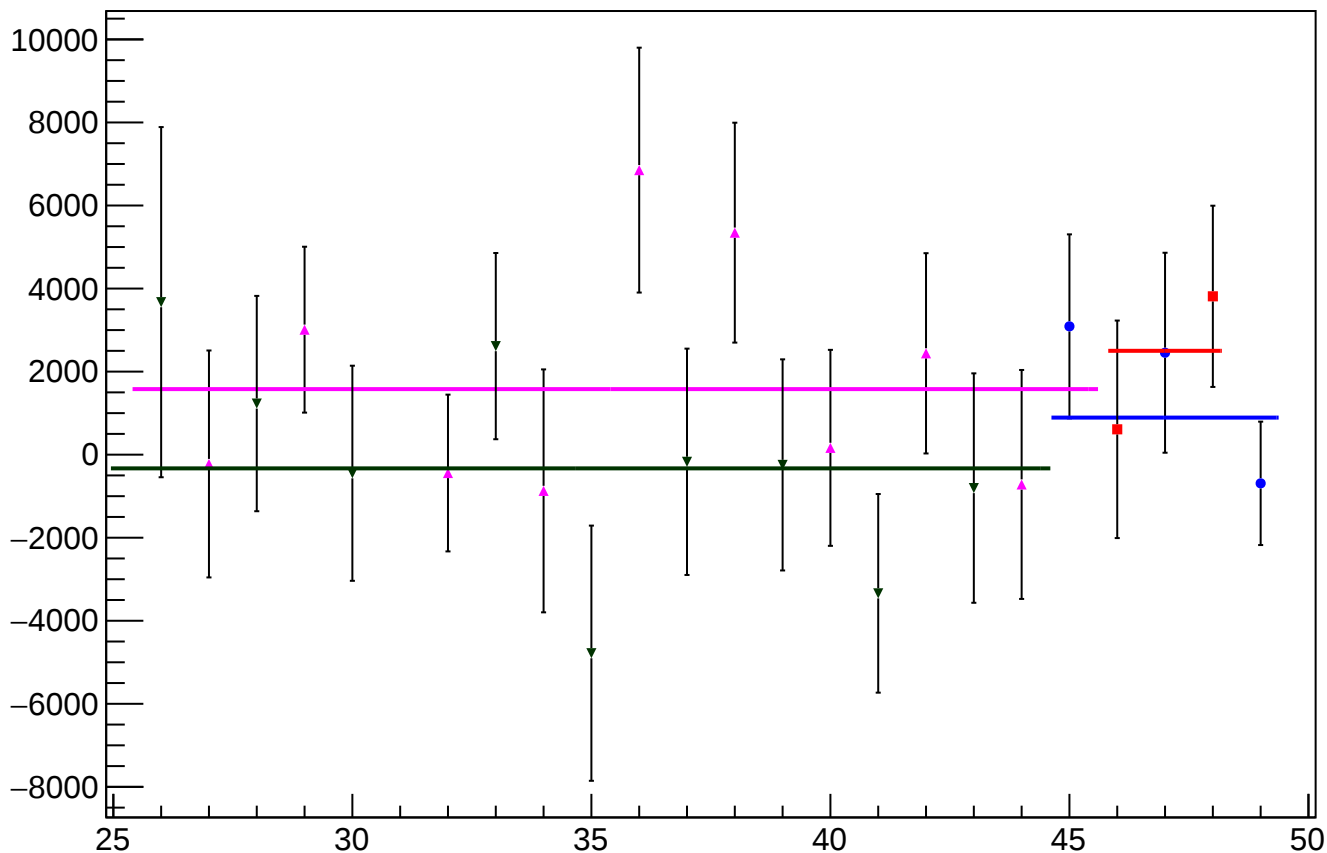
Right Out: 459.976+/-0.351 χ^2/NDF : 4297.0/1

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

477.539+/-0.130 χ^2/NDF : 76627.0/11

486.055+/-0.136 χ^2/NDF : 143167.3/10

asym_sam_48_avg_correction_mean vs slug



Right In: 892.603 $\pm$ 1098.166 χ^2 /NDF: 2.5/2

Left Out: -330.295 $\pm$ 892.971 χ^2 /NDF: 6.7/8

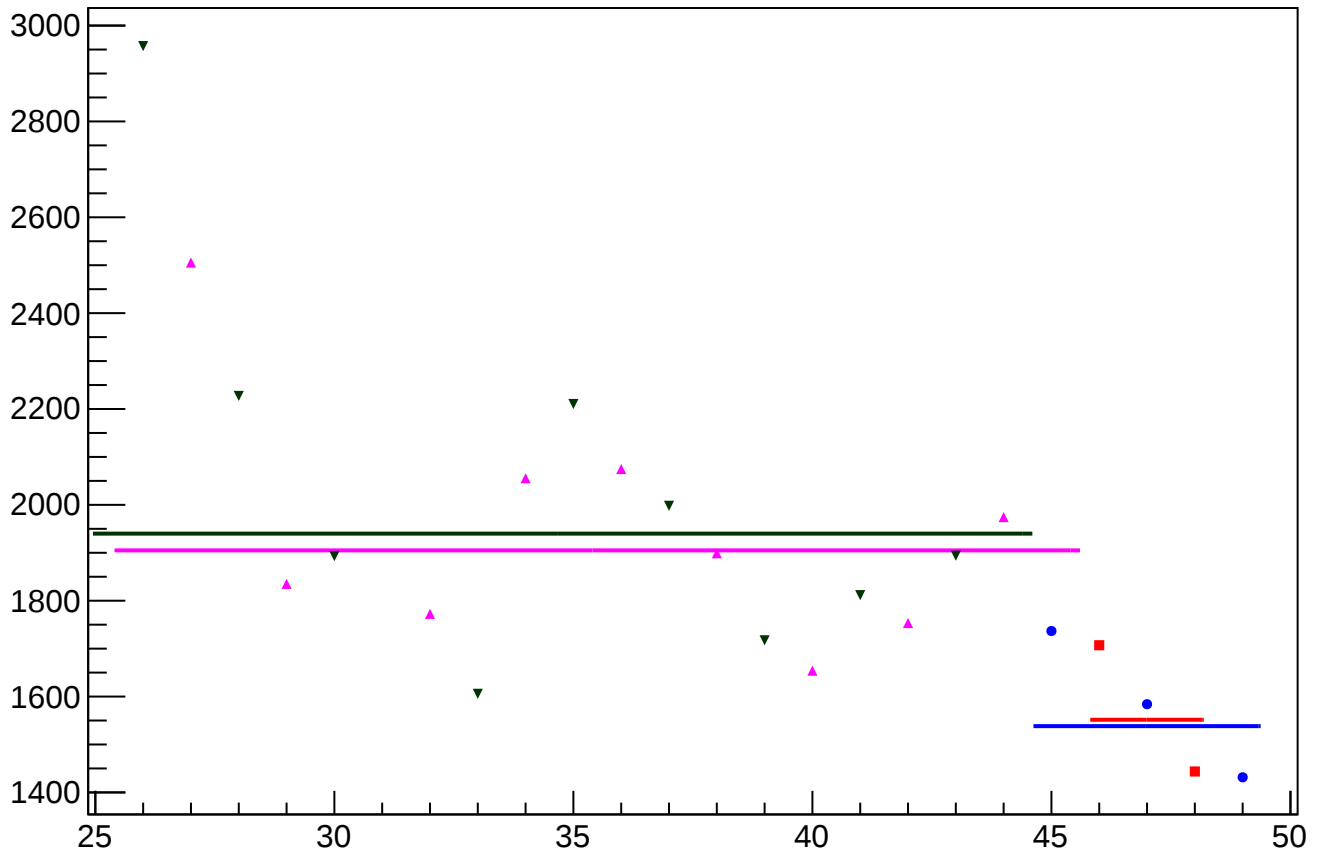
Right Out: 2500.784 $\pm$ 1676.539 χ^2 /NDF: 0.9/1

Left In: 1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

156.453 $\pm$ 692.828 χ^2 /NDF: 10.0/11

1753.213 $\pm$ 729.603 χ^2 /NDF: 10.3/10

asym_sam_48_avg_correction_rms vs slug



Right In: 1538.281+/-0.777 χ^2/NDF : 27095.1/2

Left Out: 1939.983+/-0.631 χ^2/NDF : 224092.6/8

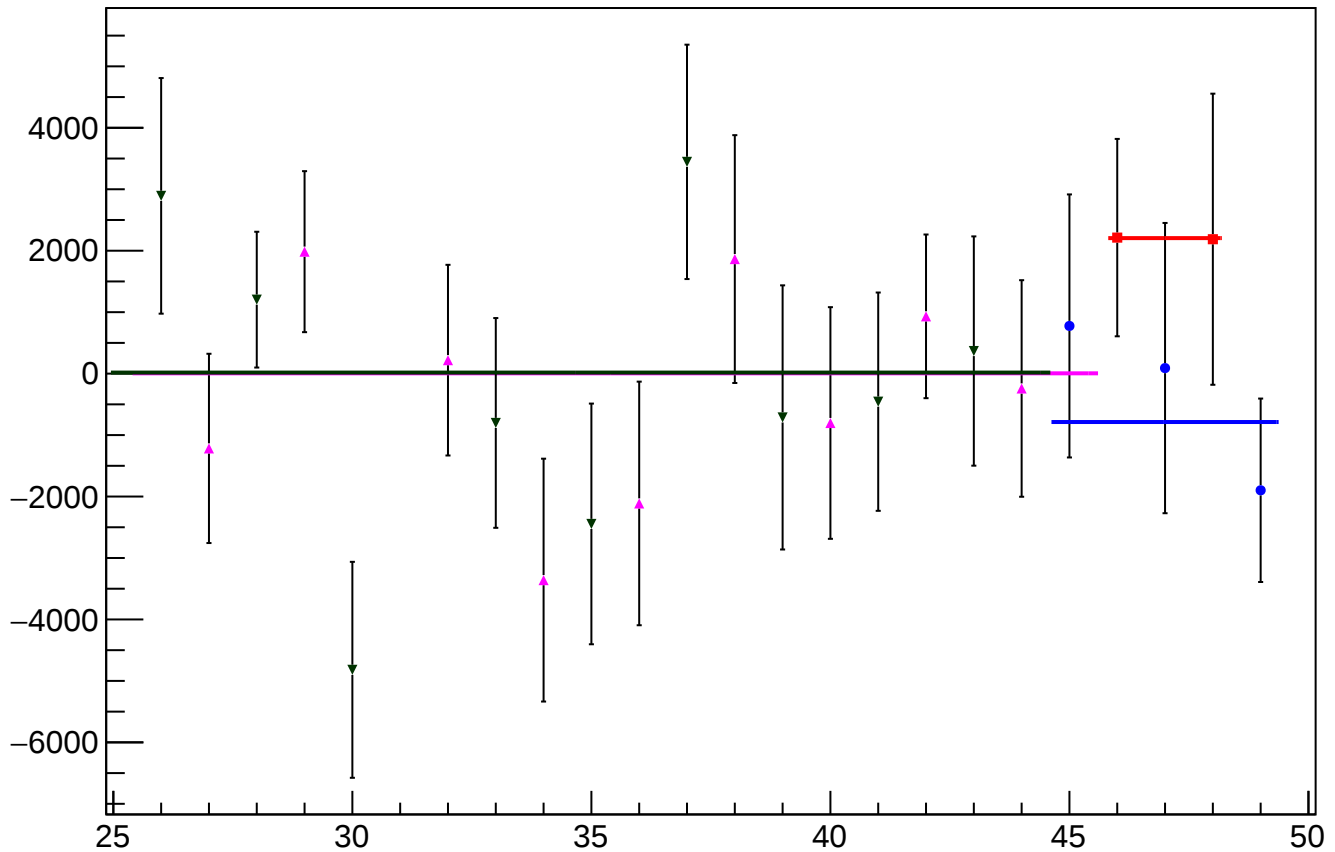
Right Out: 1551.608+/-1.185 χ^2/NDF : 11943.6/1

Left In: 1905.010+/-0.573 χ^2/NDF : 152614.4/8

1780.094+/-0.490 χ^2/NDF : 412281.0/11

1838.081+/-0.516 χ^2/NDF : 236594.9/10

asym_sam_15_dd_mean vs slug



Right In: -787.449+/-1086.812 χ^2/NDF : 1.2/2

Left Out: 17.049+/-566.564 χ^2/NDF :16.2/8

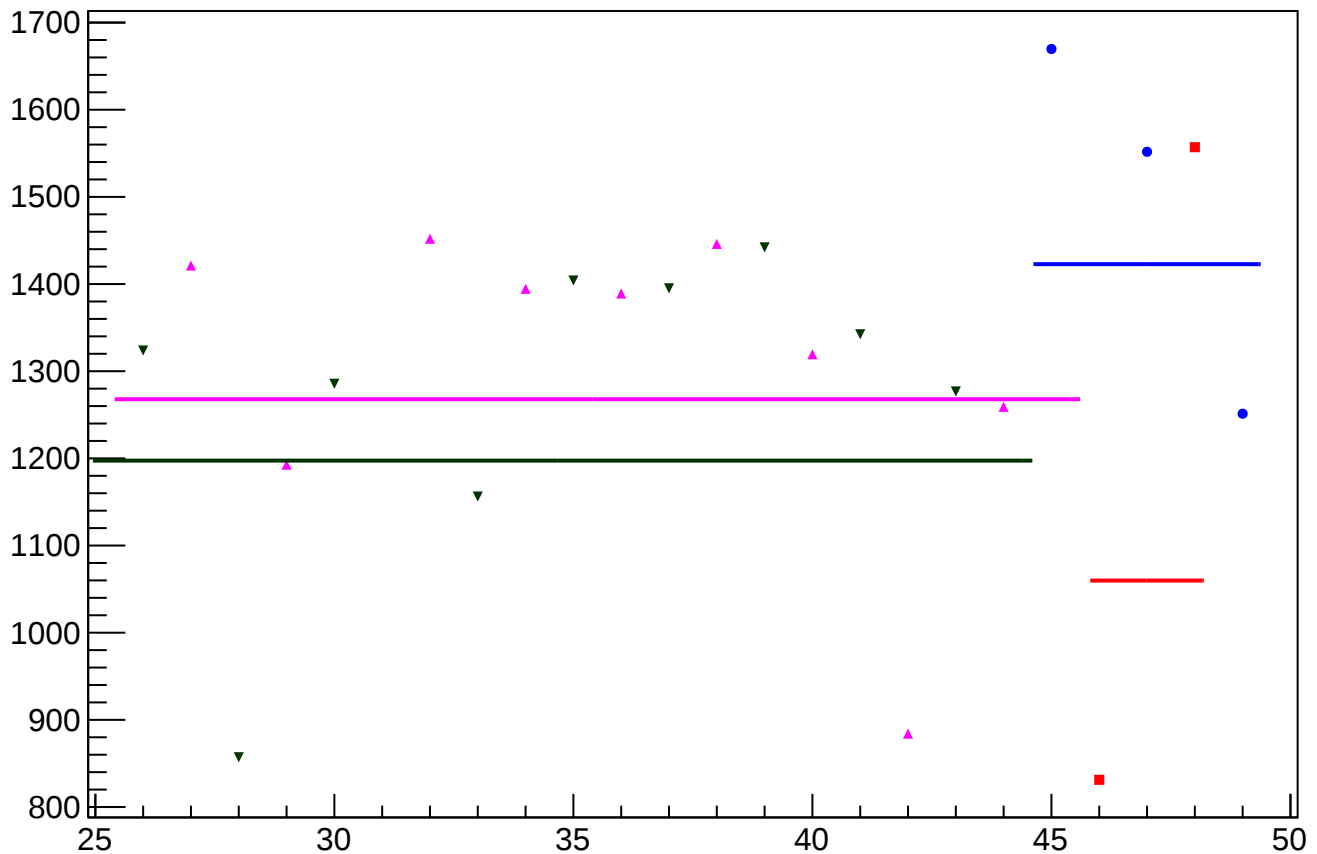
Right Out: 2204.991+/-1329.194 χ^2/NDF : 0.0/1

Left In: 4.879+/-546.821 χ^2/NDF :8.5/8

-154.863+/-502.396 χ^2/NDF : 17.9/11

323.338+/-505.700 χ^2/NDF : 10.9/10

asym_sam_15_dd_rms vs slug



Right In: 1422.806+/-0.768 χ^2/NDF : 59011.4/2

Left Out: 1197.414+/-0.401 χ^2/NDF : 291303.5/8

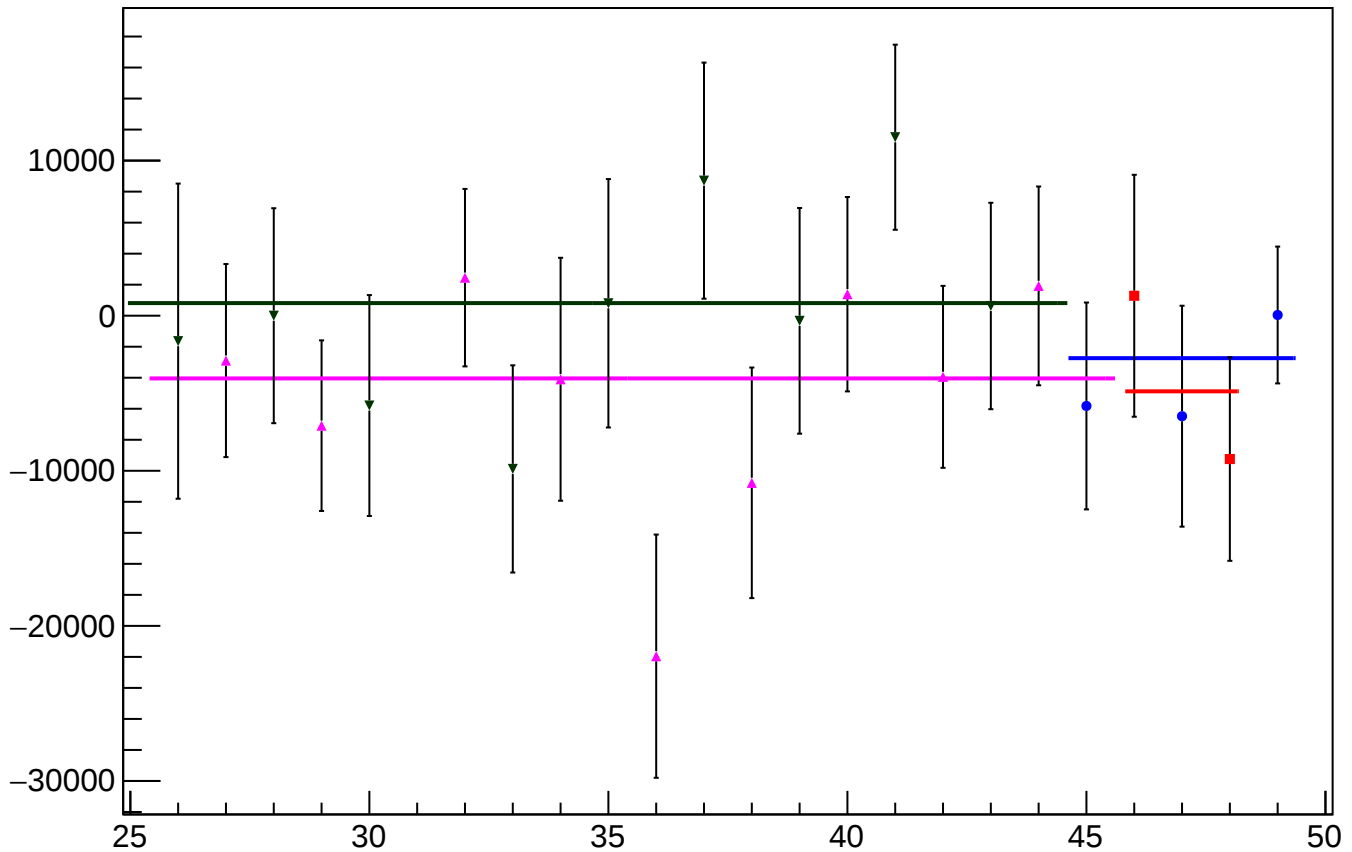
1245.577+/-0.355 χ^2/NDF : 417953.4/11

Right Out: 1059.824+/-0.940 χ^2/NDF : 128667.1/1

1237.743+/-0.358 χ^2/NDF : 424102.5/10

Left In: 1267.855+/-0.387 χ^2/NDF : 253536.2/8

asym_sam_26_dd_mean vs slug



Right In: -2738.511 ± 3268.783 $\chi^2/\text{NDF}: 0.9/2$

Left Out: 812.648 ± 2390.317 $\chi^2/\text{NDF}: 7.8/8$

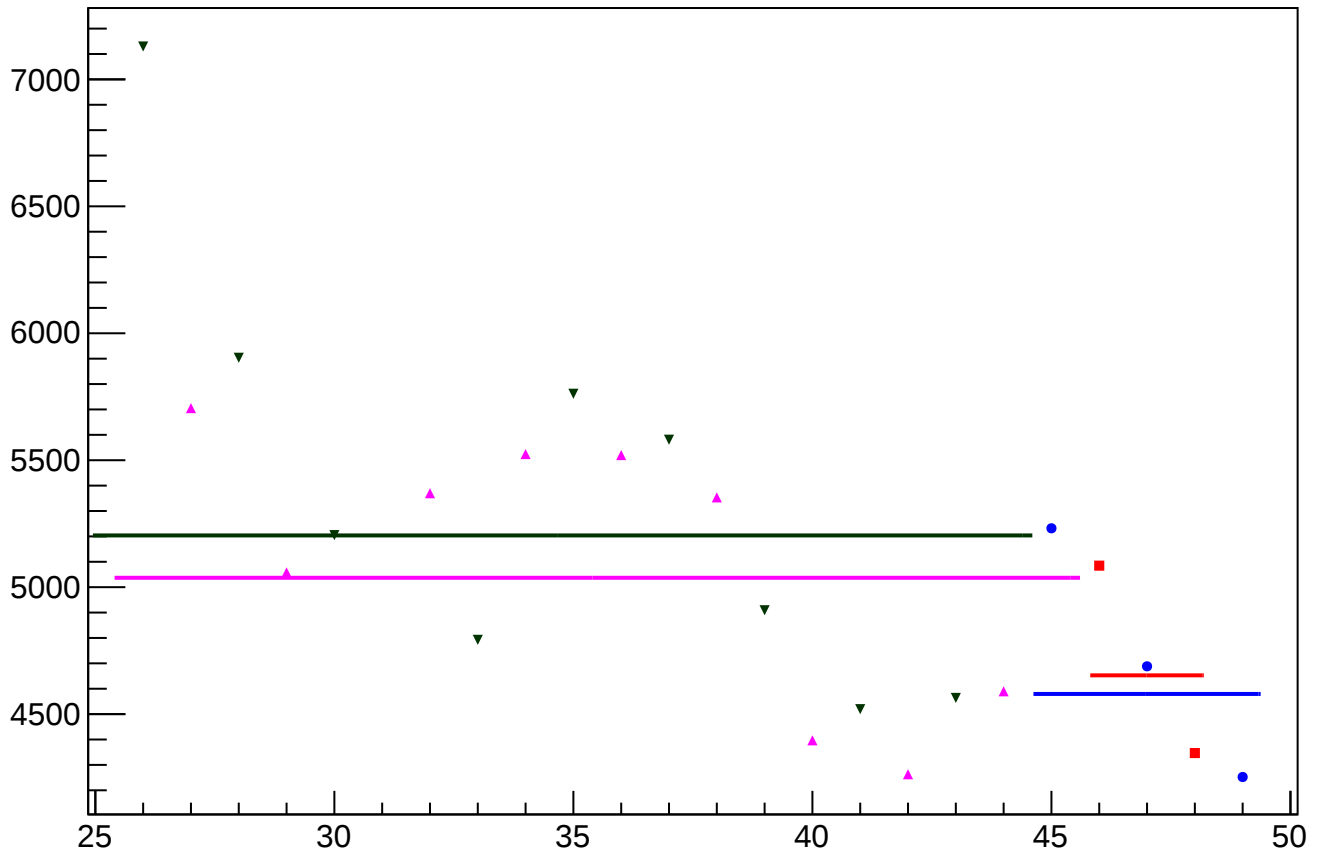
Right Out: -4877.364 ± 5022.136 $\chi^2/\text{NDF}: 1.1/1$

Left In: -4044.605 ± 2137.141 $\chi^2/\text{NDF}: 9.3/8$

-424.654 ± 1929.473 $\chi^2/\text{NDF}: 9.5/11$

-4172.286 ± 1966.492 $\chi^2/\text{NDF}: 10.4/10$

asym_sam_26_dd_rms vs slug



Right In: 4579.460 ± 2.311 χ^2/NDF : 30609.3/2

Left Out: 5203.831 ± 1.690 χ^2/NDF : 162509.9/8

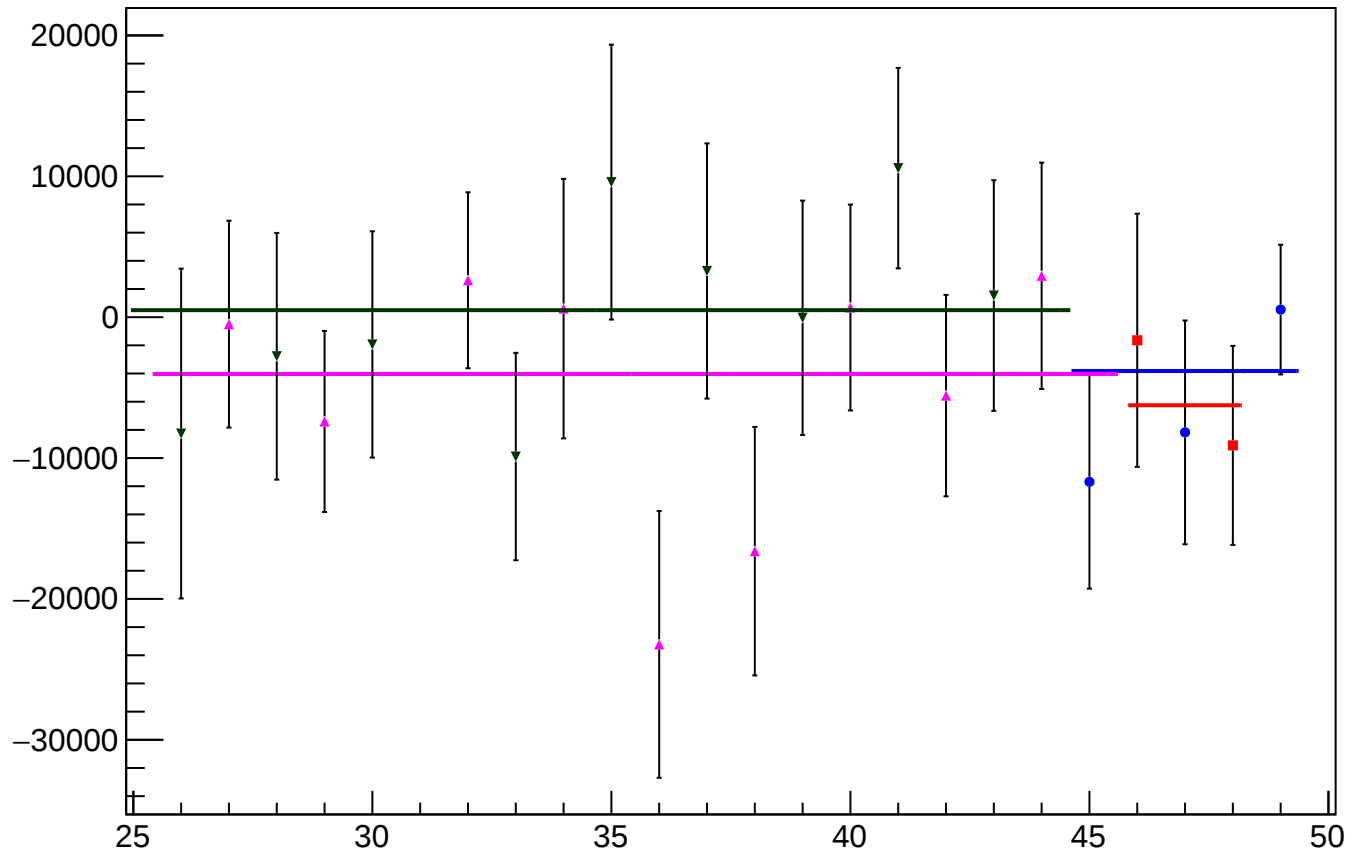
Right Out: 4652.700 ± 3.551 χ^2/NDF : 10483.6/1

Left In: 5036.971 ± 1.511 χ^2/NDF : 114222.6/8

4986.287 ± 1.364 χ^2/NDF : 240664.9/11

4978.053 ± 1.391 χ^2/NDF : 134620.2/10

asym_sam_37_dd_mean vs slug



Right In: -3819.951+/-3524.950 χ^2/NDF : 2.3/2

Left Out: 499.140+/-2815.711 χ^2/NDF : 5.8/8

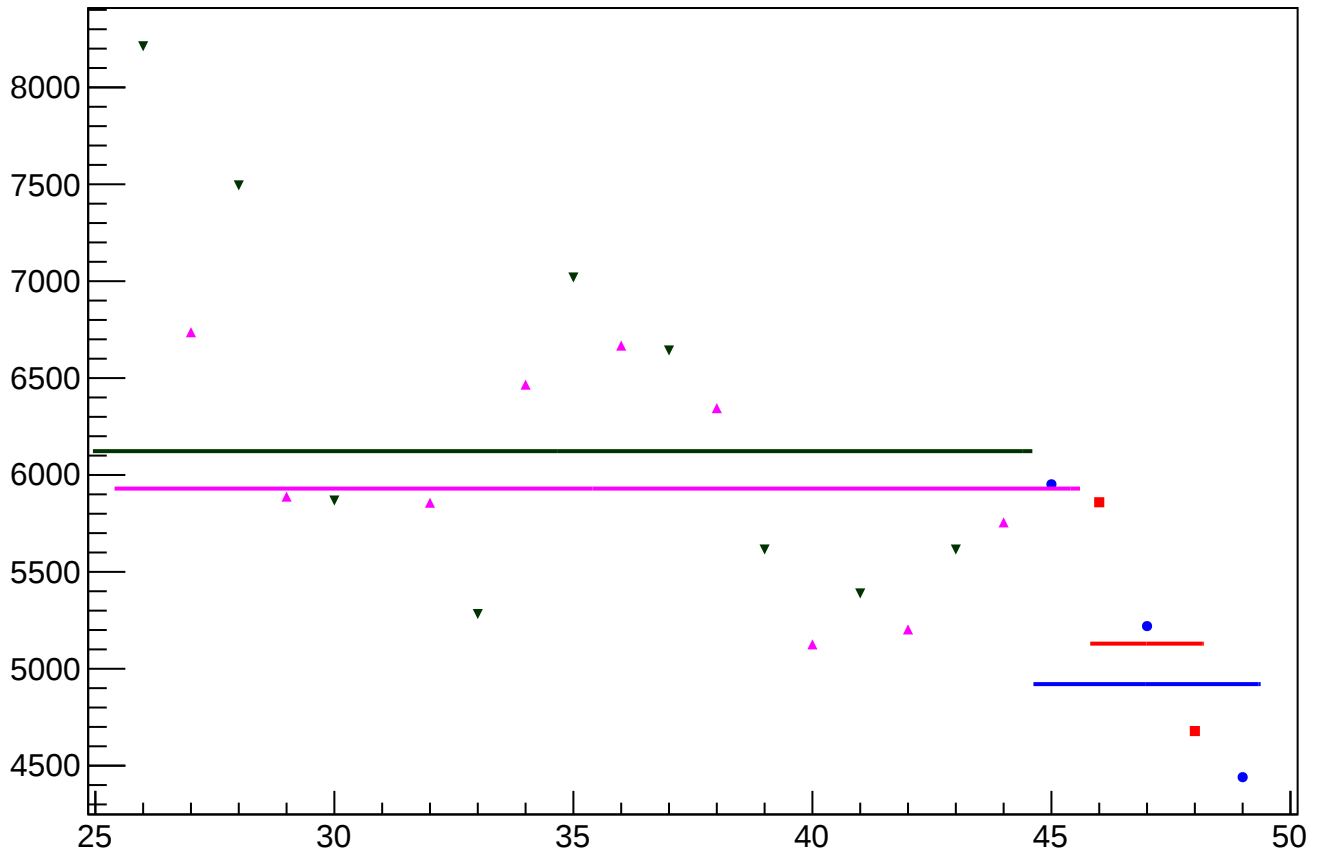
-1183.261+/-2199.994 χ^2/NDF : 9.0/11

Right Out: -6251.291+/-5553.470 χ^2/NDF : 0.4/1

-4411.349+/-2291.651 χ^2/NDF : 9.8/10

Left In: -4033.740+/-2515.841 χ^2/NDF : 9.3/8

asym_sam_37_dd_rms vs slug



Right In: 4920.850 ± 2.493 χ^2/NDF : 61608.0/2

Left Out: 6122.948 ± 1.991 χ^2/NDF : 200766.5/8

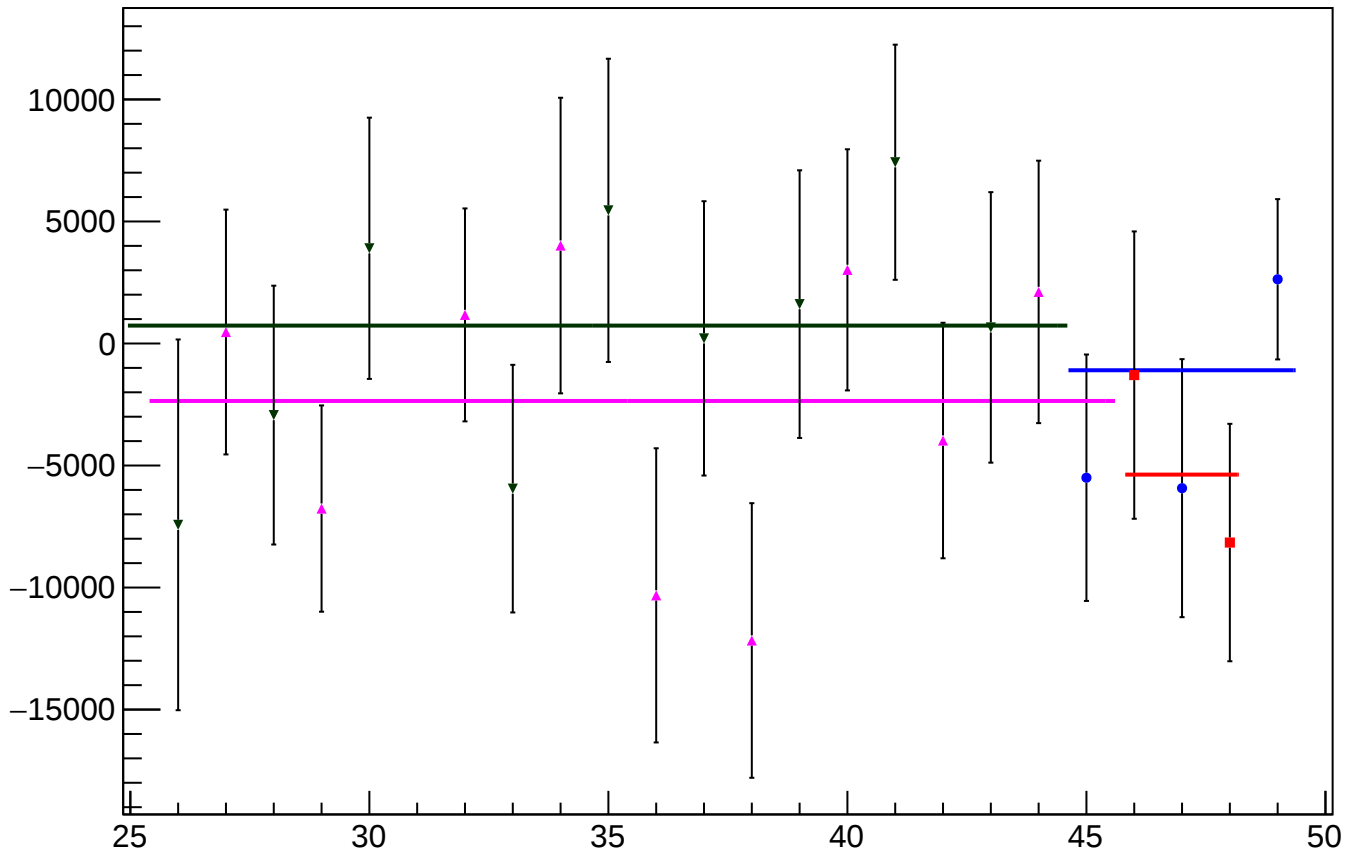
Right Out: 5129.726 ± 3.927 χ^2/NDF : 21338.9/1

Left In: 5929.846 ± 1.779 χ^2/NDF : 93668.6/8

5654.699 ± 1.556 χ^2/NDF : 404368.8/11

5793.600 ± 1.620 χ^2/NDF : 149453.7/10

asym_sam_48_dd_mean vs slug



Right In: -1096.598 ± 2441.637 χ^2/NDF : 2.9/2

Left Out: 733.618 ± 1847.056 χ^2/NDF : 6.3/8

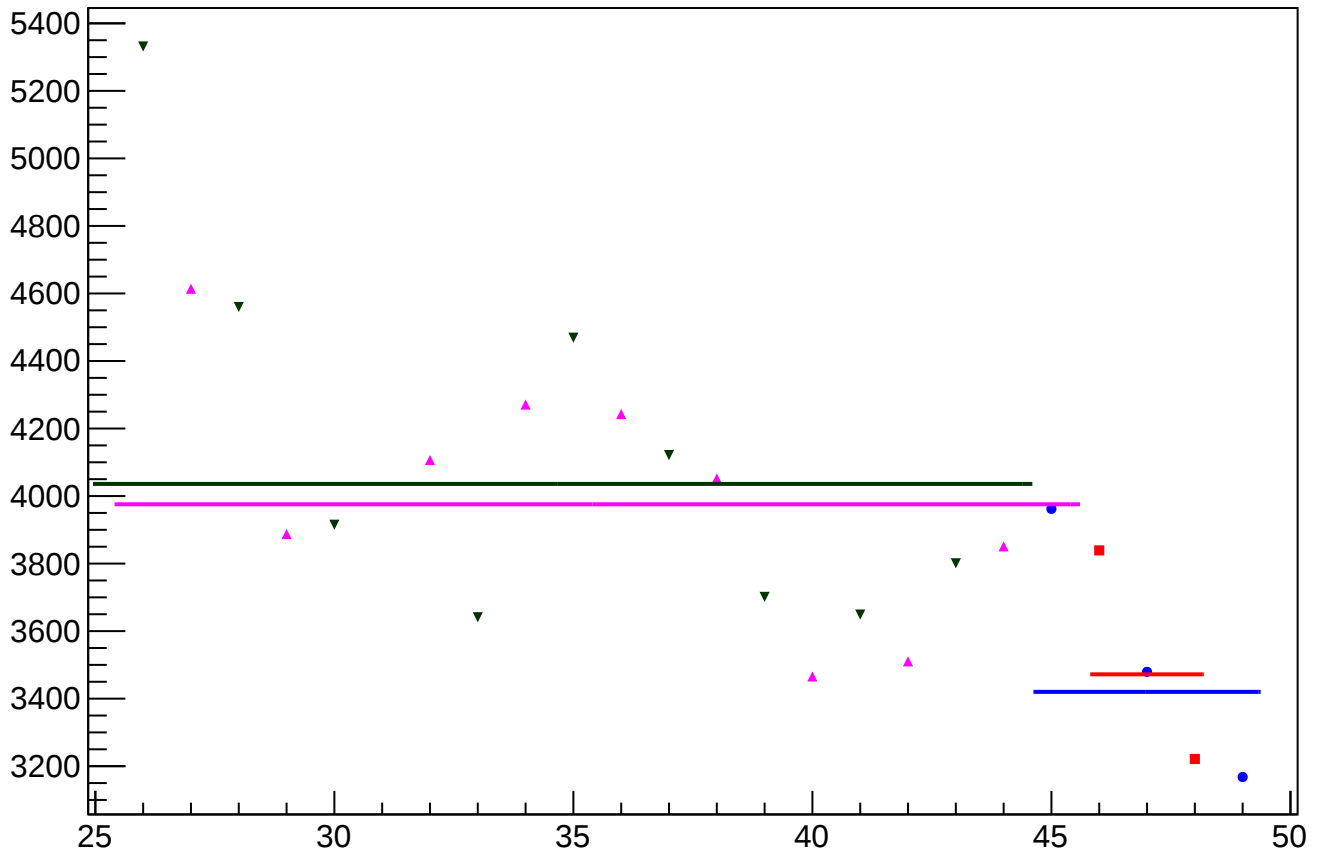
Right Out: -5372.347 ± 3749.956 χ^2/NDF : 0.8/1

Left In: -2354.799 ± 1682.711 χ^2/NDF : 9.9/8

67.464 ± 1473.049 χ^2/NDF : 9.5/11

-2860.564 ± 1535.230 χ^2/NDF : 11.3/10

asym_sam_48_dd_rms vs slug



Right In: 3420.103+/-1.726 χ^2/NDF : 35084.1/2

Left Out: 4035.979+/-1.306 χ^2/NDF :124959.6/8

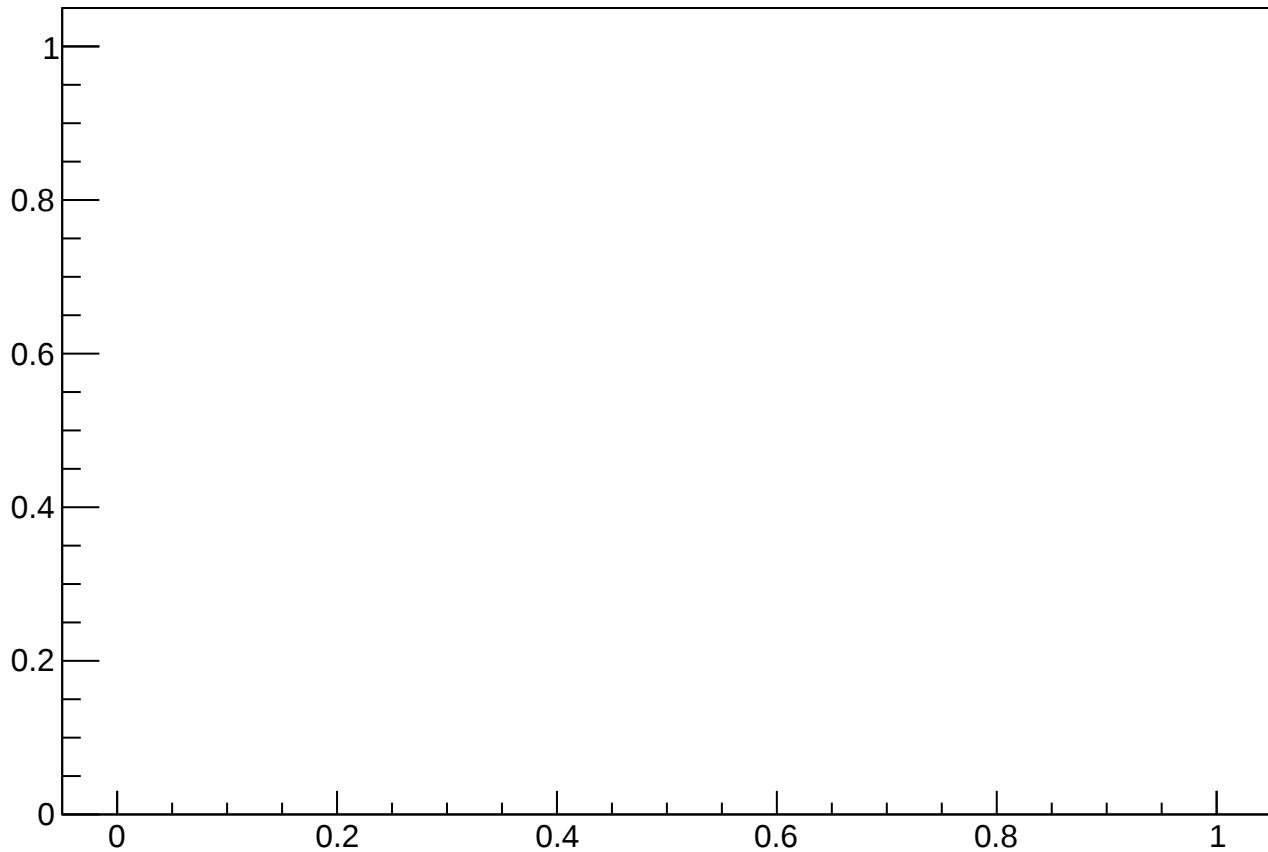
Right Out: 3471.986+/-2.652 χ^2/NDF : 13085.1/1

Left In: 3975.604+/-1.190 χ^2/NDF :85088.4/8

3811.815+/-1.042 χ^2/NDF : 240977.1/11

3891.194+/-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

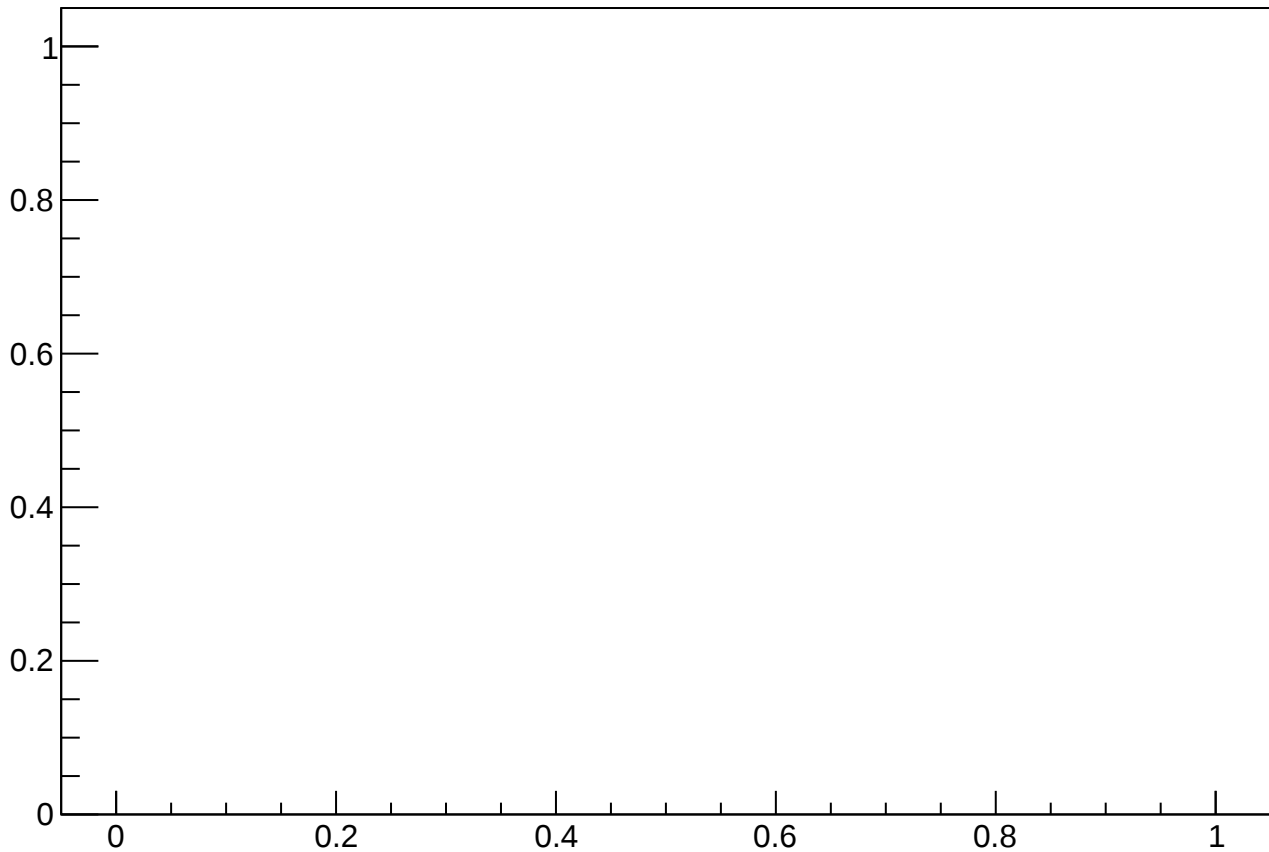
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

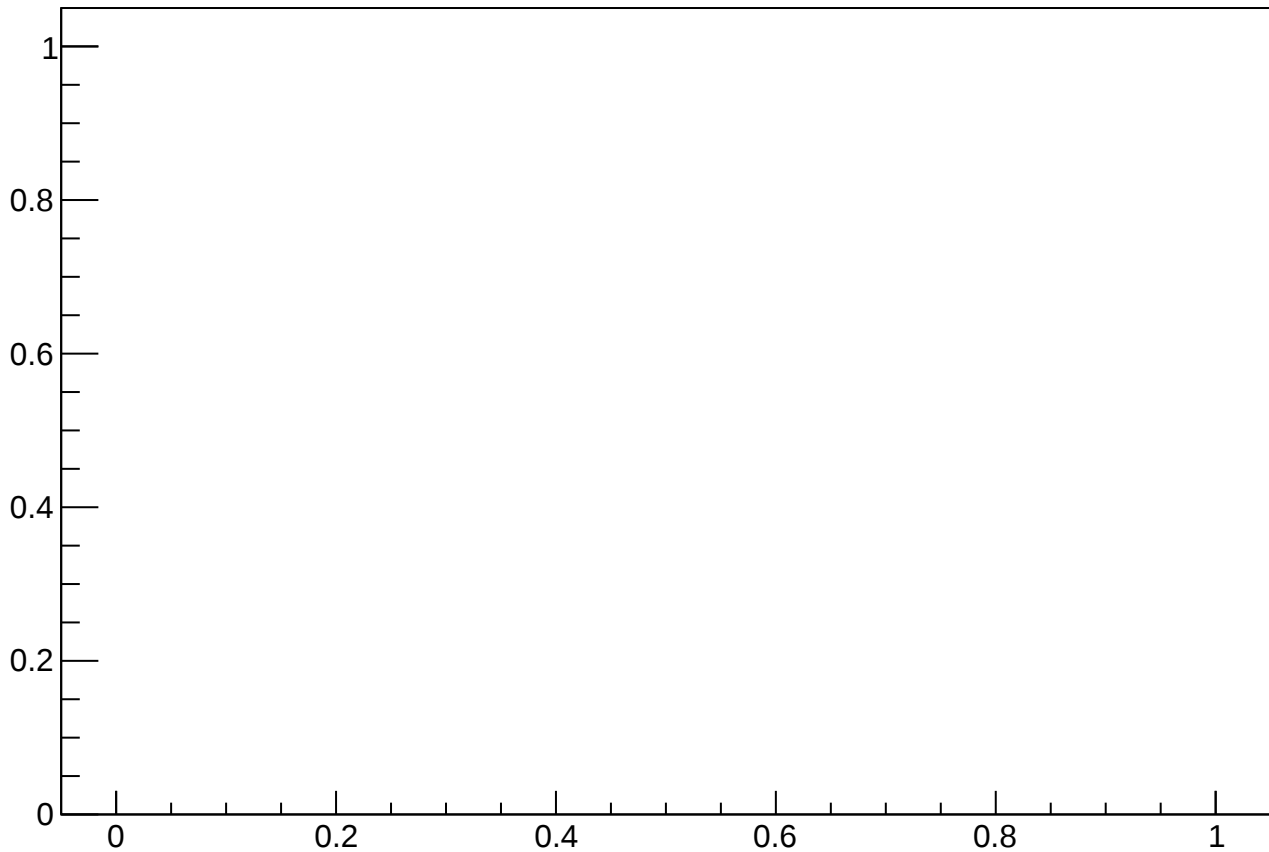
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_mean vs slug



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

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

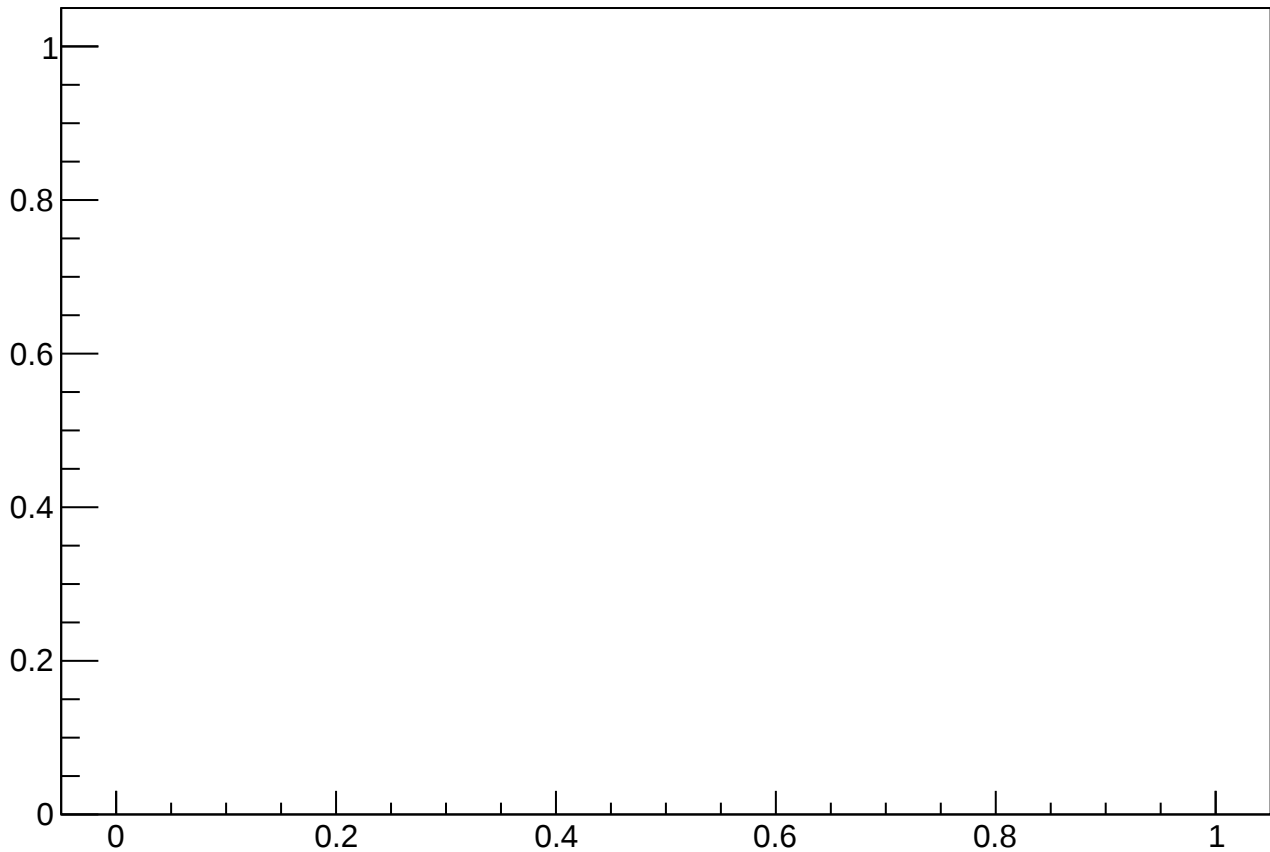
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

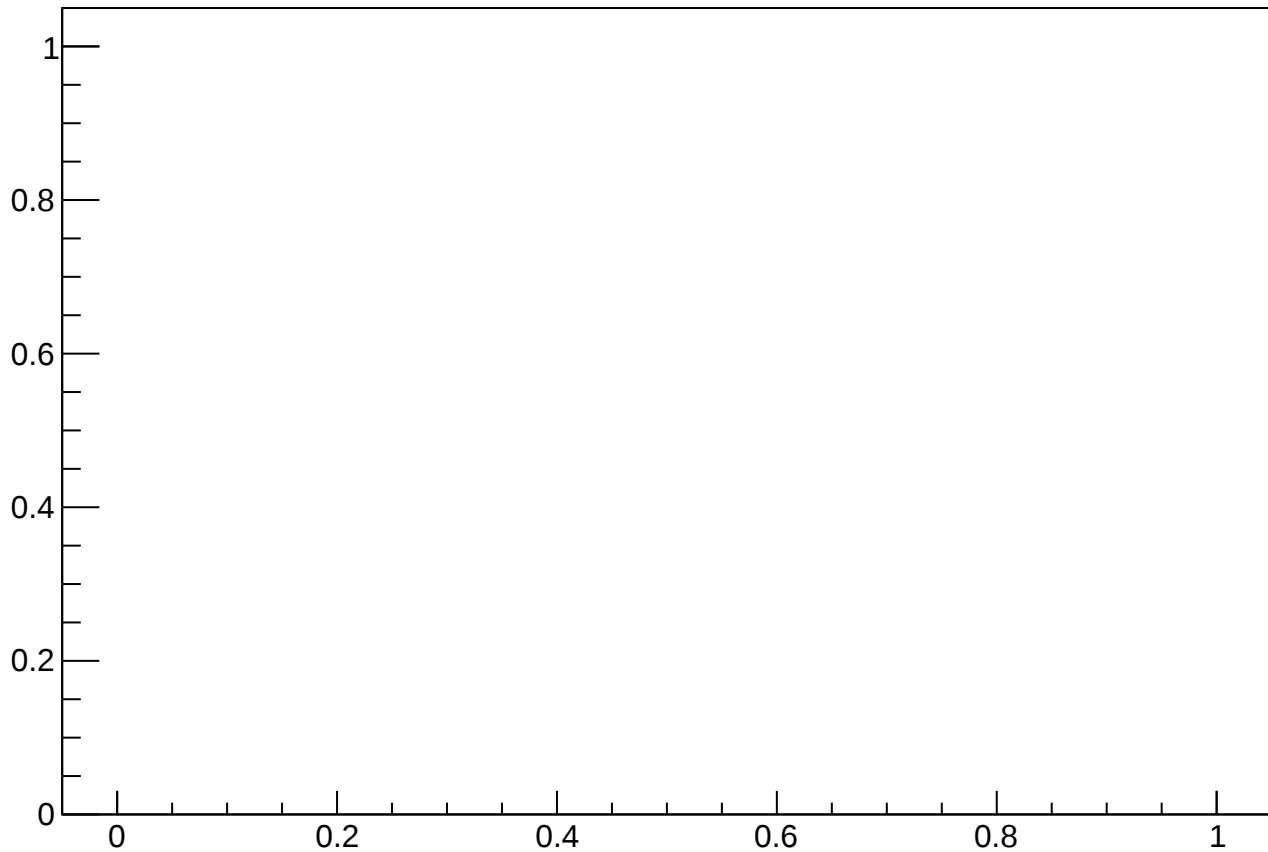
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

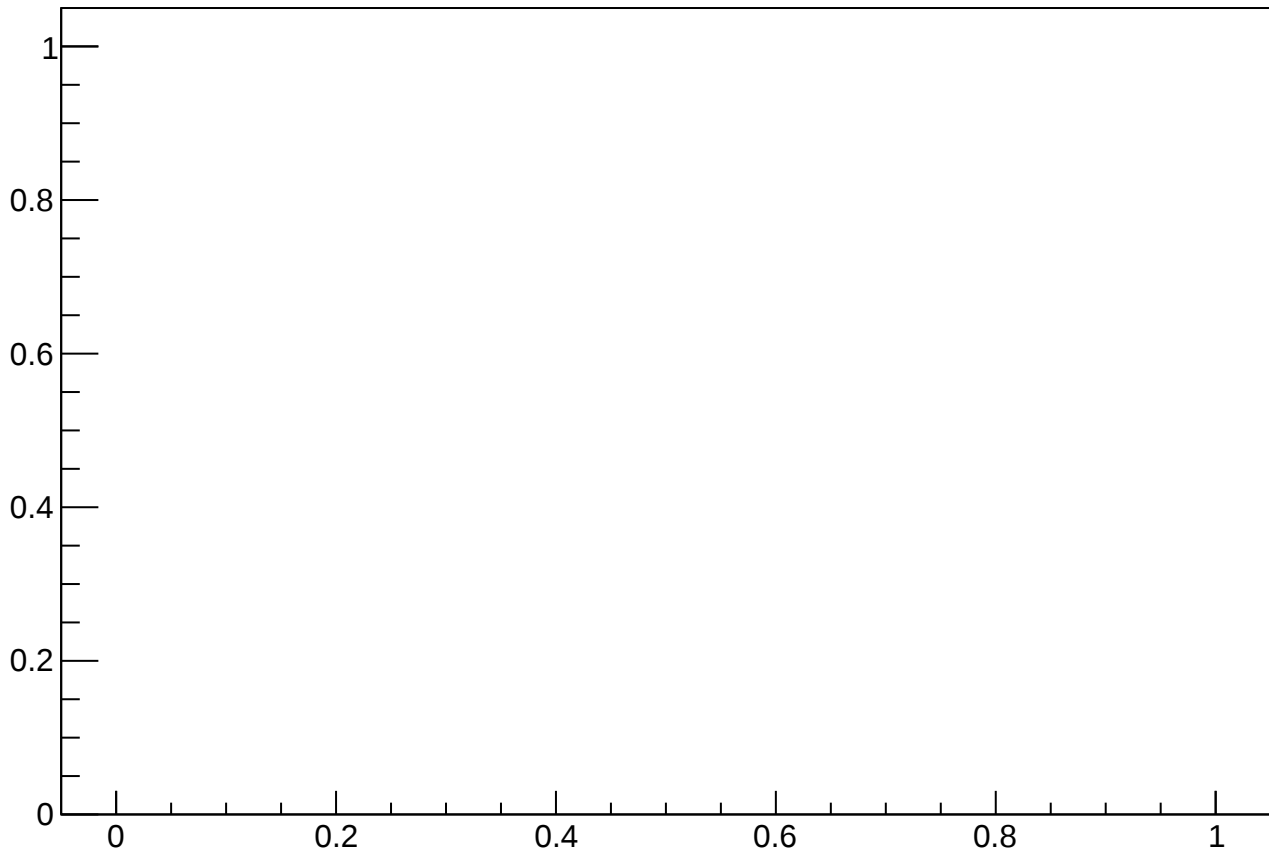
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

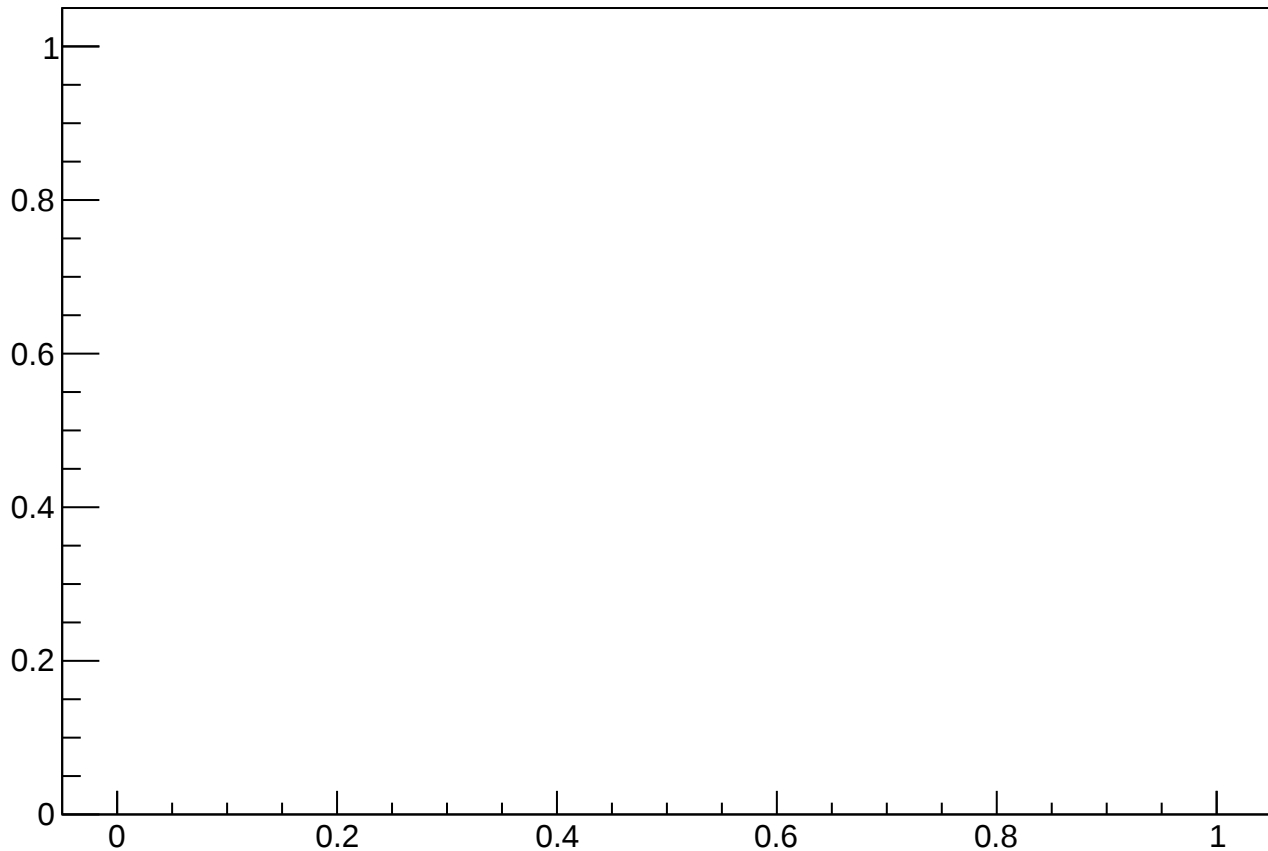
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

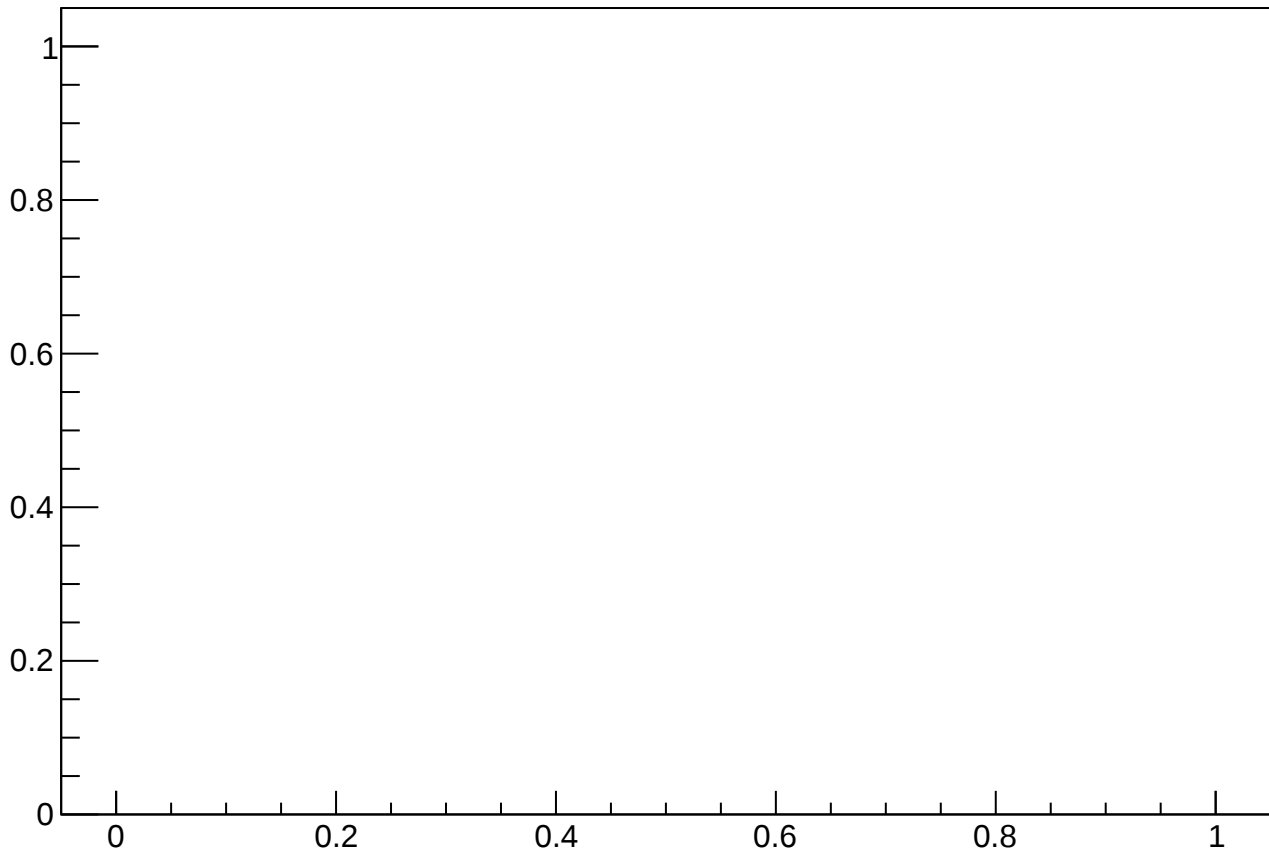
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

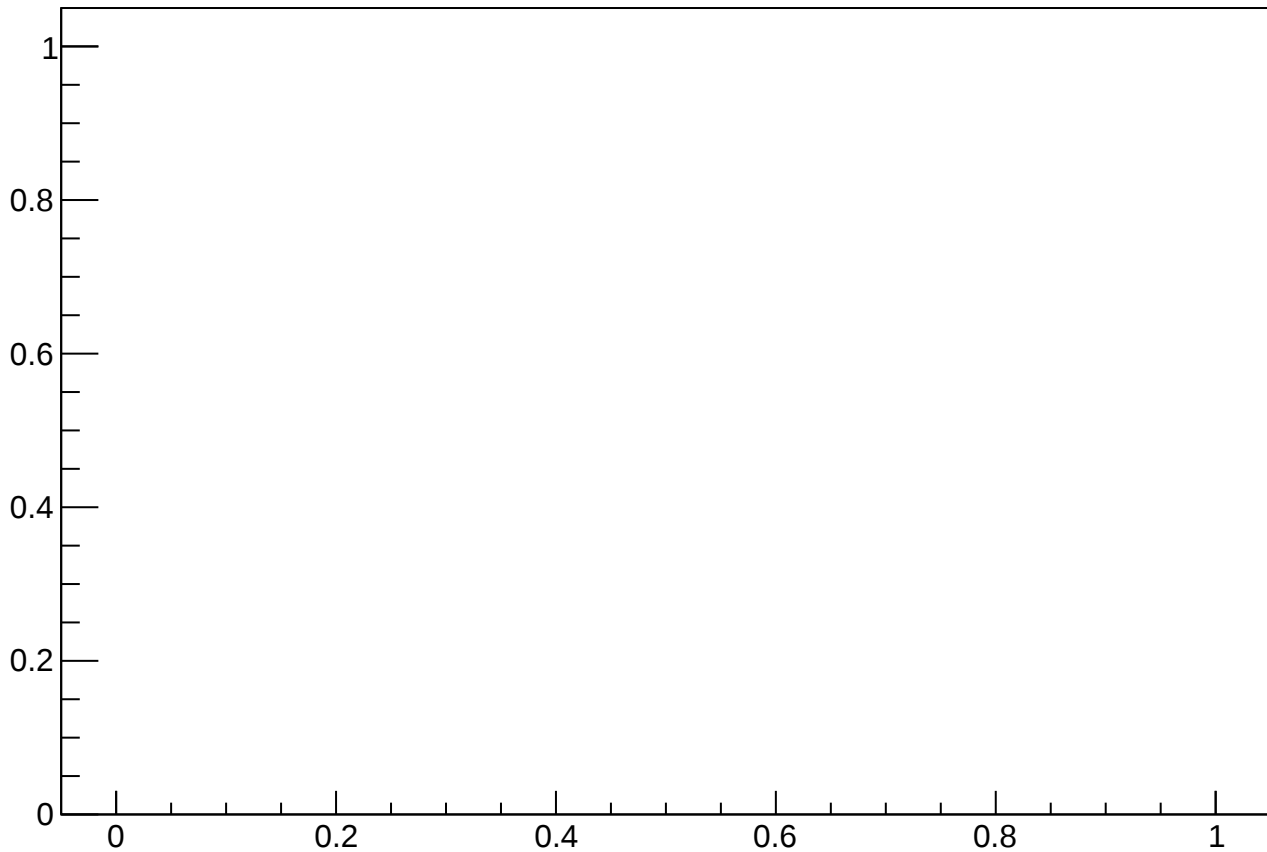
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

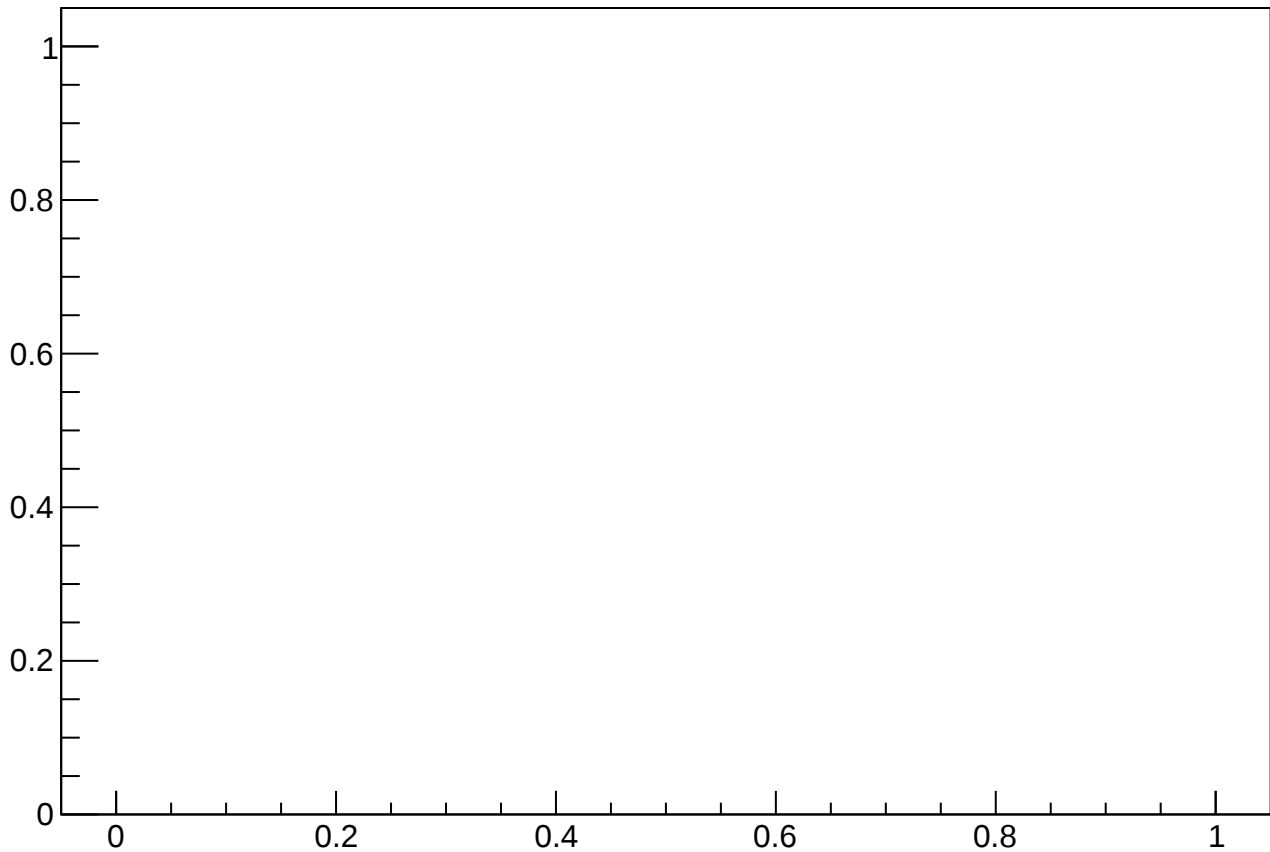
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



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

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

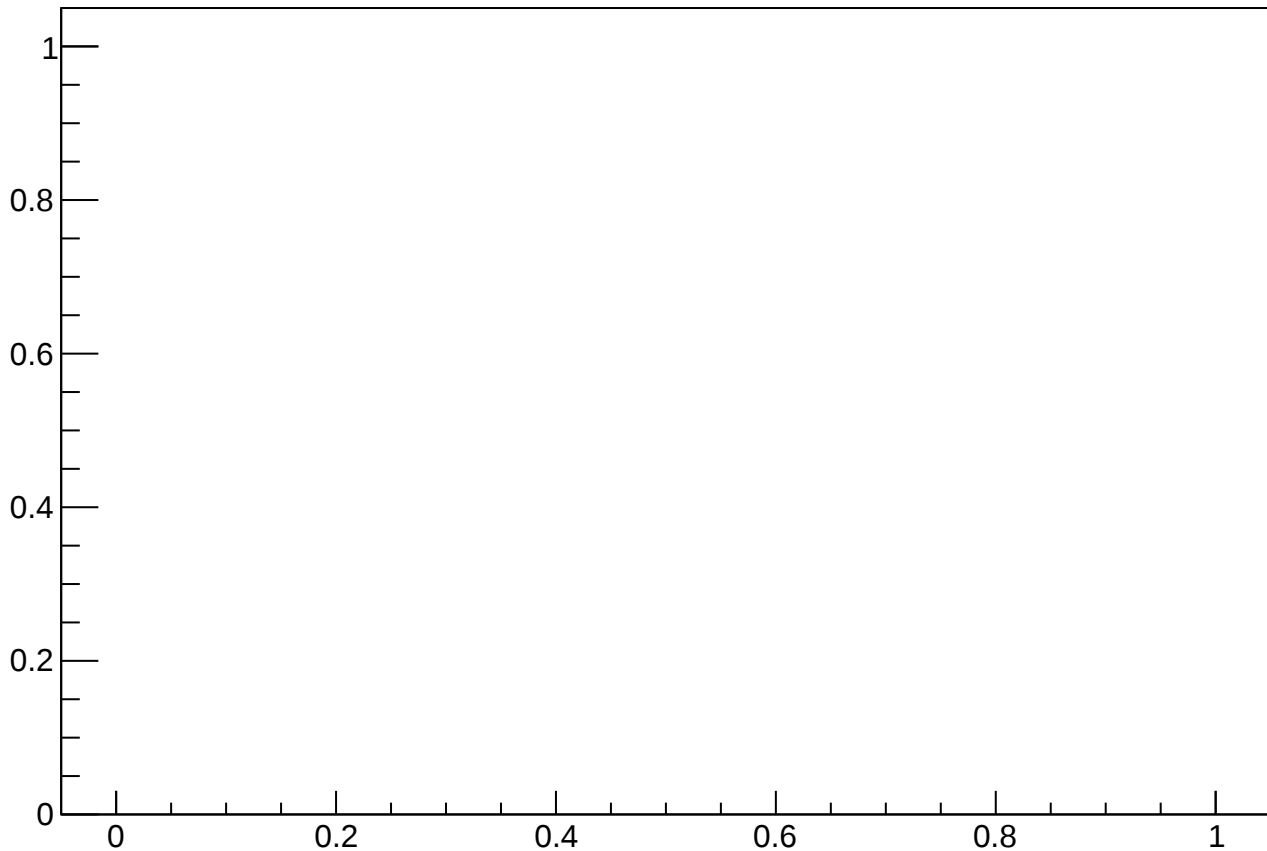
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

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

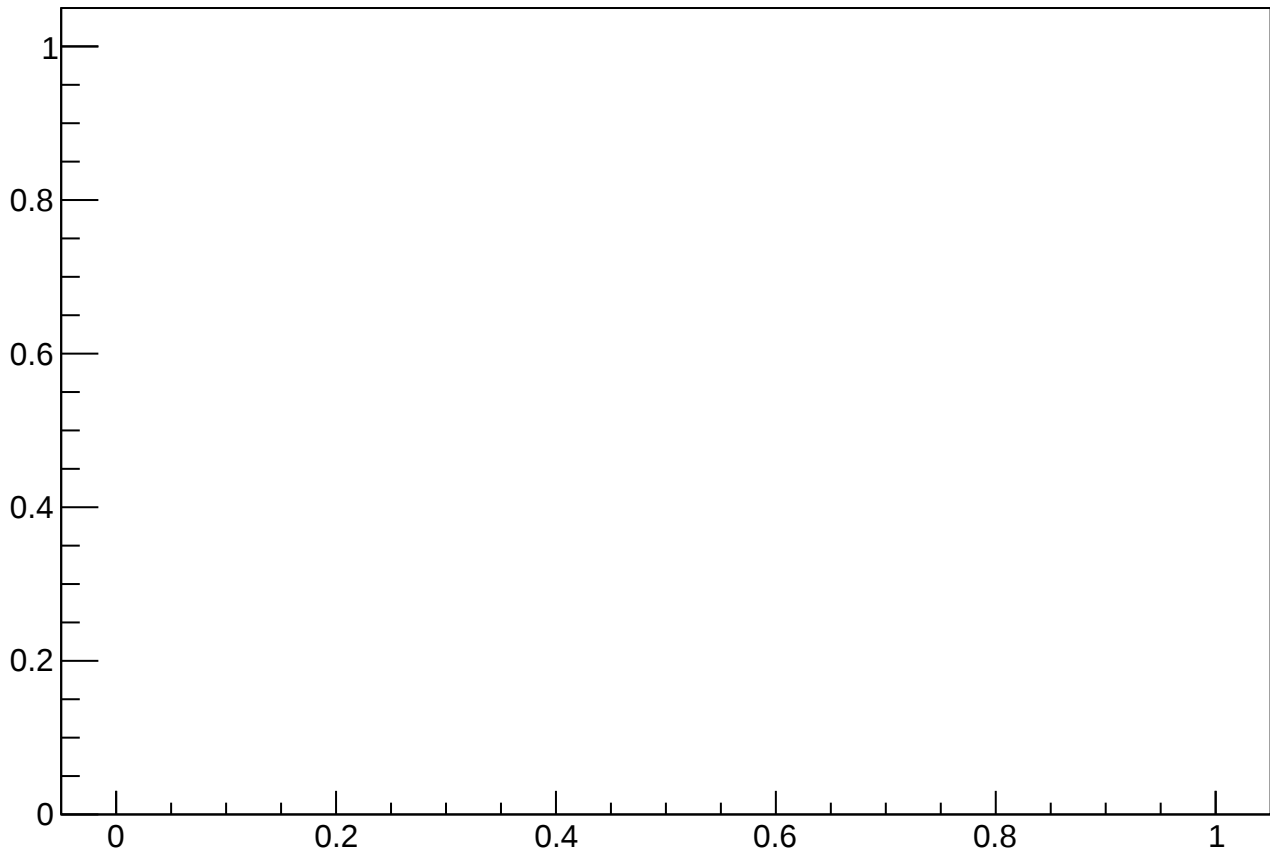
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_rms vs slug



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

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

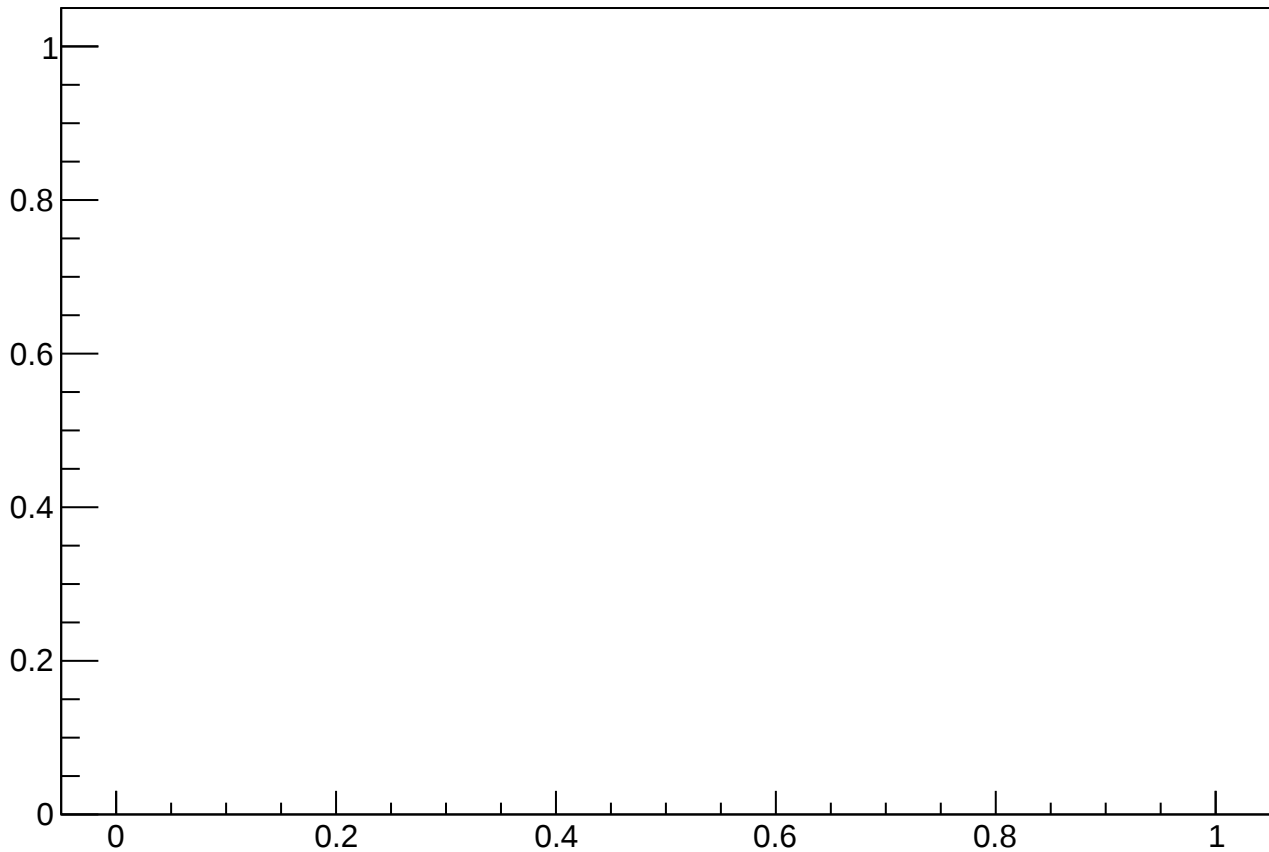
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

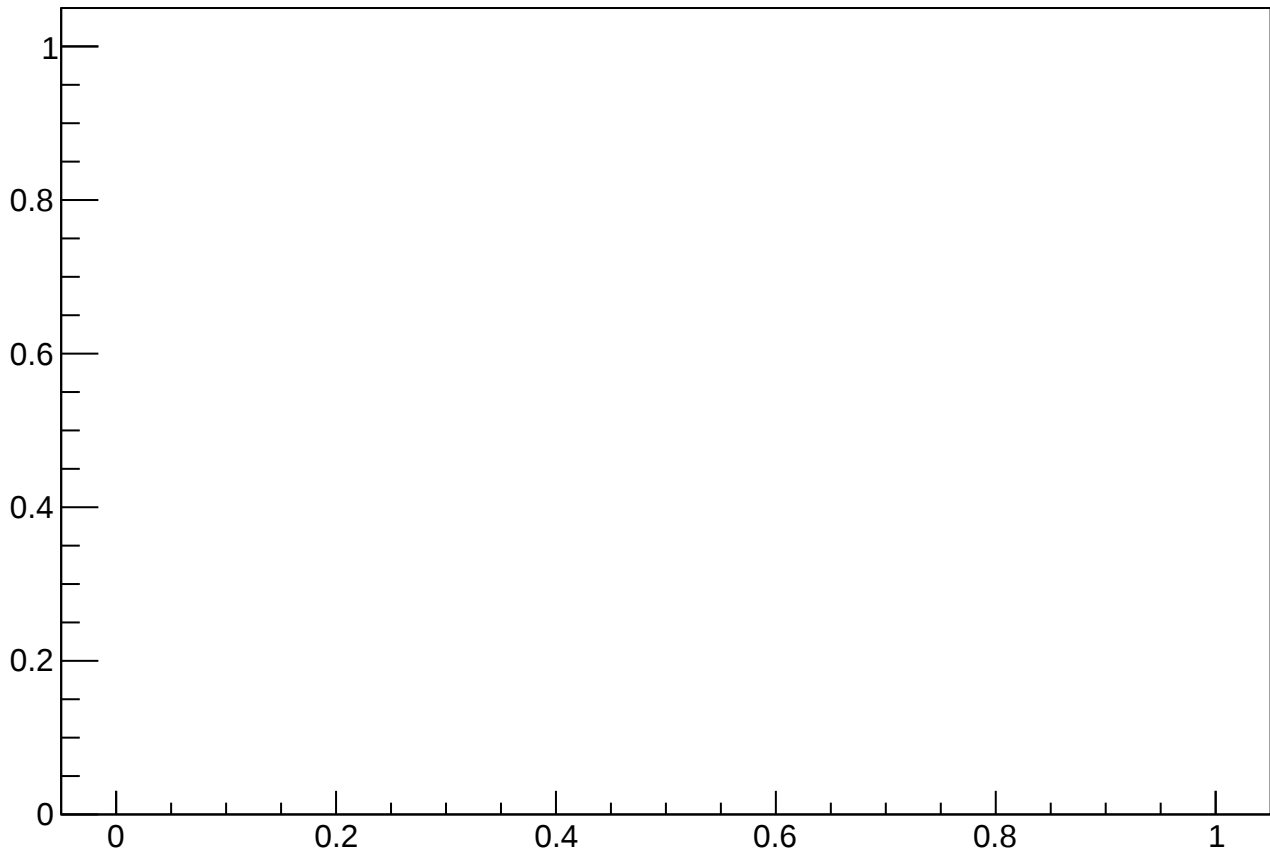
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_37_dd_rms vs slug



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

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

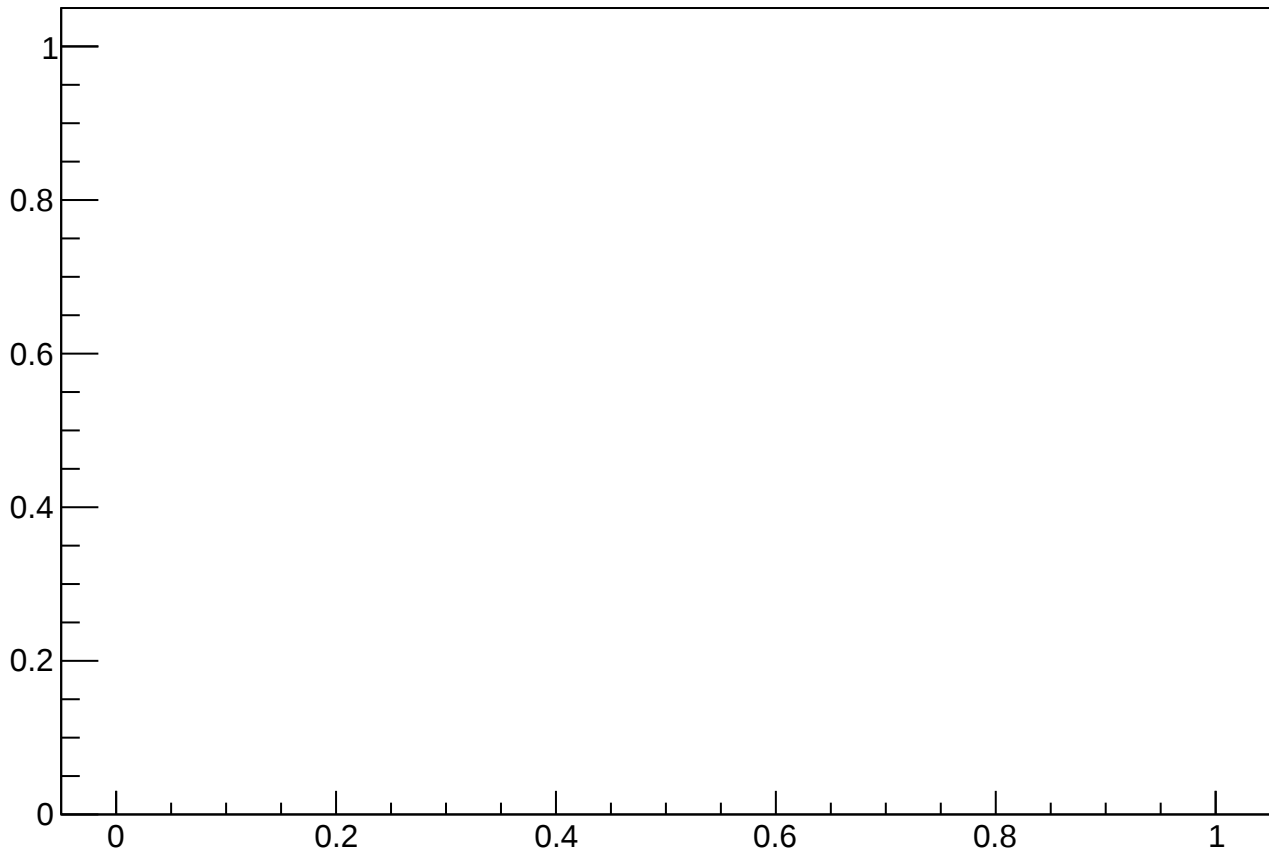
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

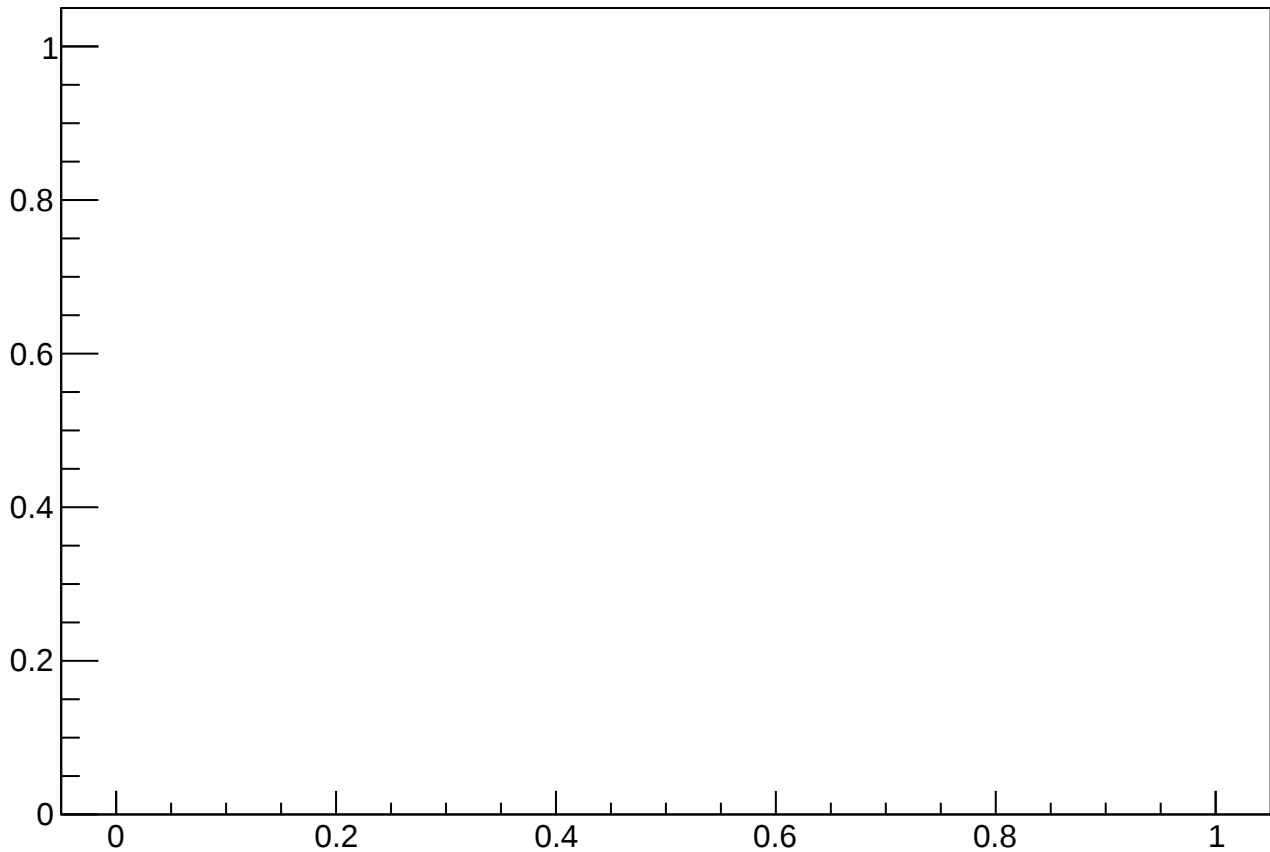
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

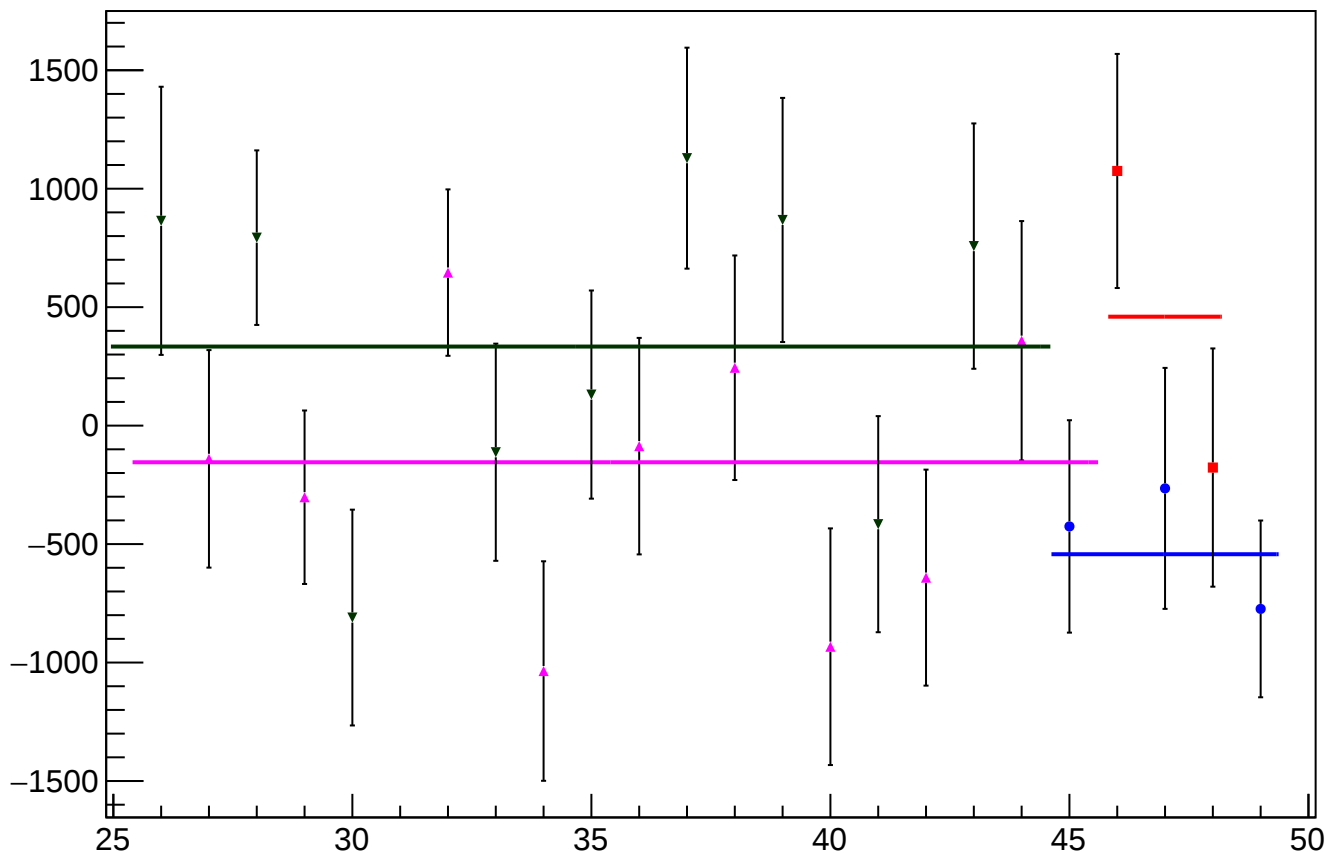
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -542.815 $\pm$ 249.766 χ^2 /NDF: 0.7/2

Left Out: 333.723 $\pm$ 154.013 χ^2 /NDF:17.3/8

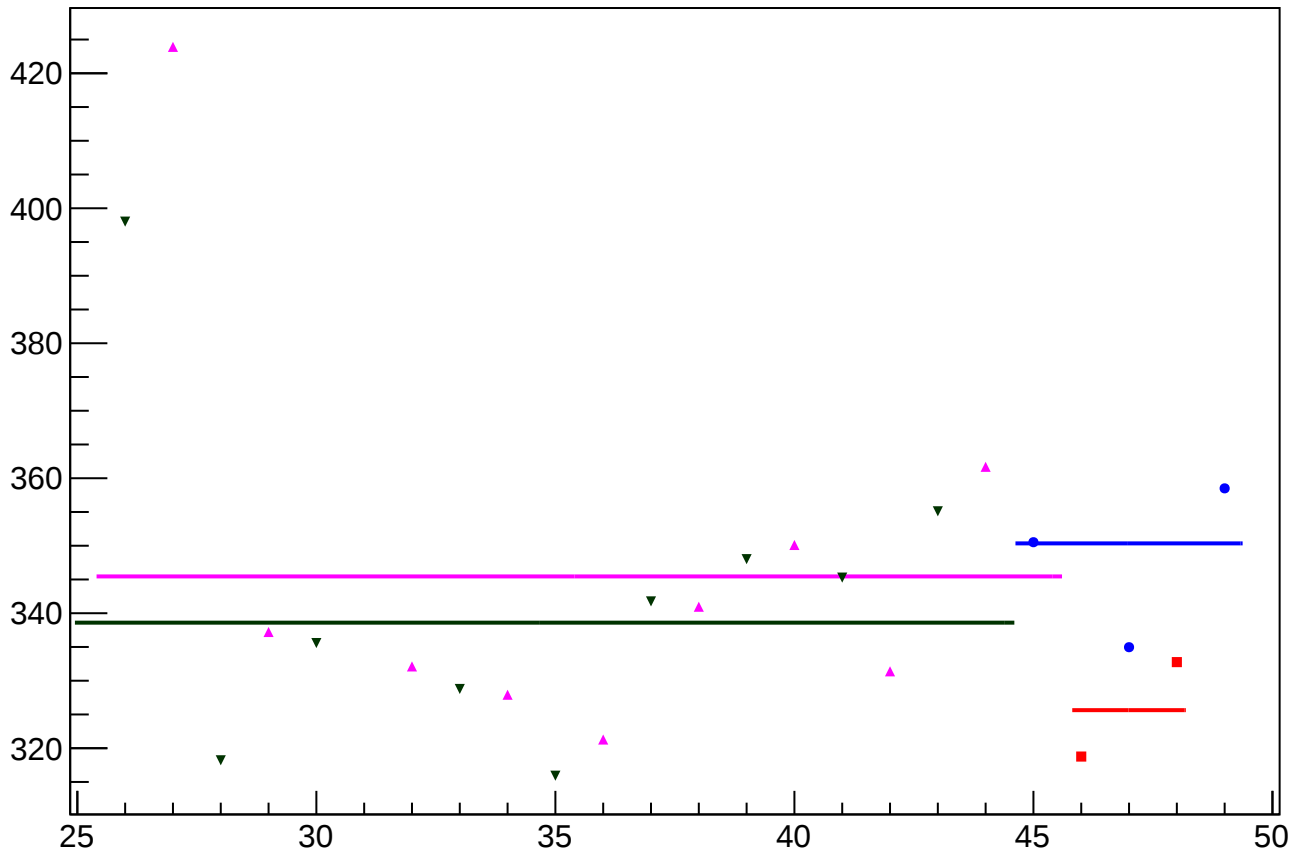
Right Out: 459.812 $\pm$ 352.392 χ^2 /NDF: 3.2/1

Left In: -154.649 $\pm$ 145.928 χ^2 /NDF:14.3/8

92.251 $\pm$ 131.094 χ^2 /NDF: 26.9/11

-64.703 $\pm$ 134.825 χ^2 /NDF: 20.1/10

reg_asym_sam_15_dd_rms vs slug



Right In: 350.348+/-0.177 χ^2/NDF : 2785.6/2

Left Out: 338.603+/-0.109 χ^2/NDF : 37731.2/8

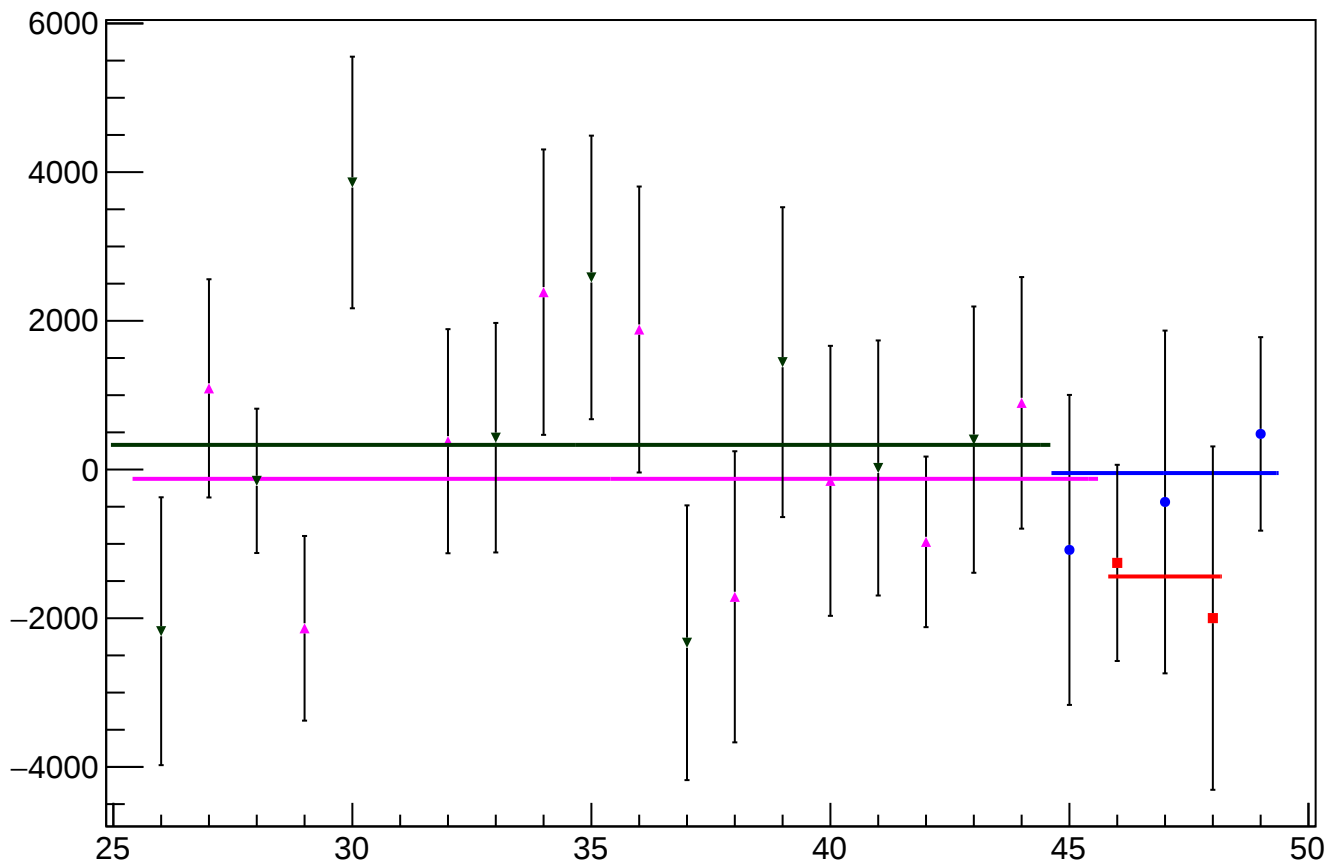
Right Out: 325.638+/-0.249 χ^2/NDF : 788.2/1

Left In: 345.453+/-0.103 χ^2/NDF : 75102.1/8

341.838+/-0.093 χ^2/NDF : 43720.9/11

342.553+/-0.095 χ^2/NDF : 81288.3/10

asym_sam_15_dd_correction_mean vs slug



Right In: -47.515 ± 995.612 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 331.481 ± 527.893 $\chi^2/\text{NDF}: 10.3/8$

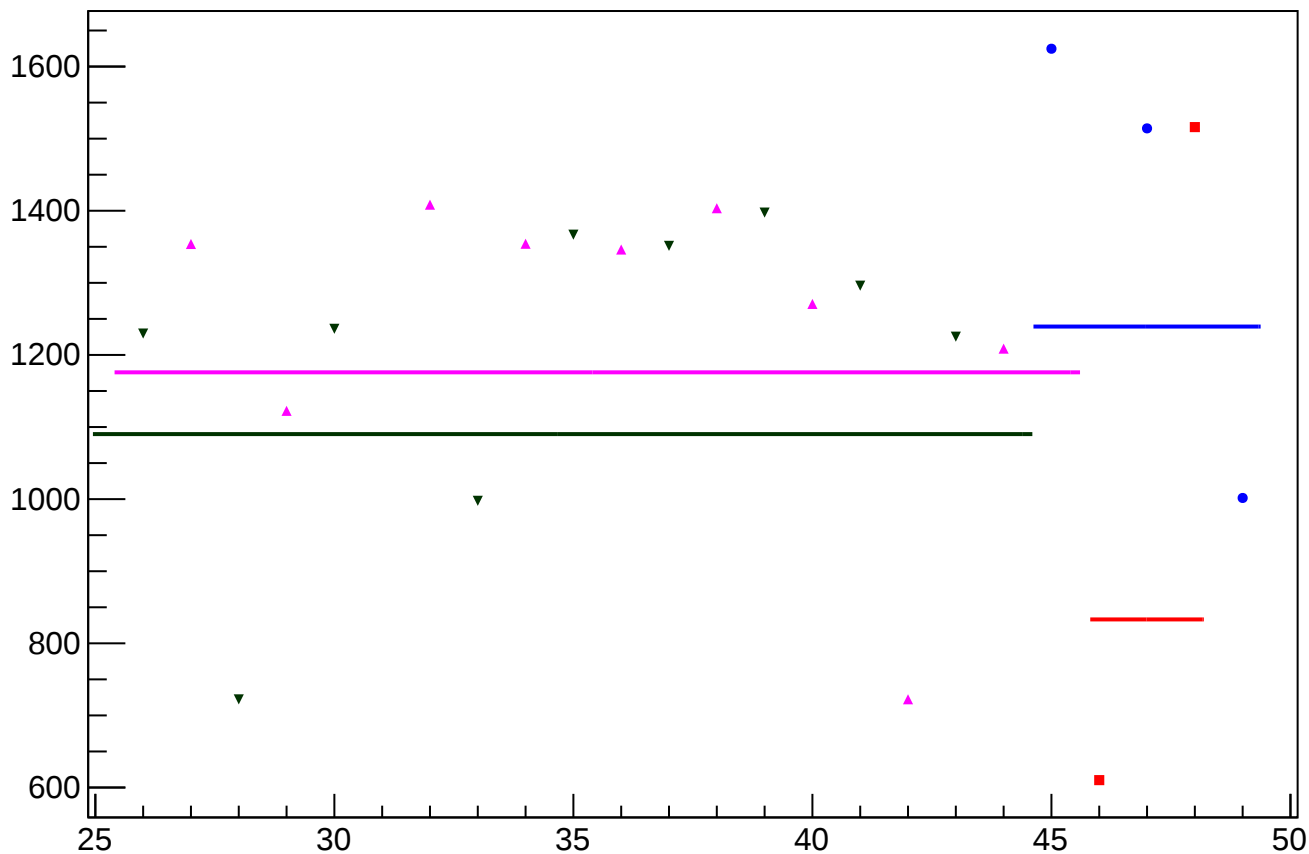
Right Out: -1438.476 ± 1145.523 $\chi^2/\text{NDF}: 0.1/1$

Left In: -125.241 ± 515.151 $\chi^2/\text{NDF}: 7.8/8$

248.314 ± 466.389 $\chi^2/\text{NDF}: 10.9/11$

-346.150 ± 469.828 $\chi^2/\text{NDF}: 9.0/10$

asym_sam_15_dd_correction_rms vs slug



Right In: 1239.375+/-0.704 χ^2/NDF : 163531.8/2

Left Out: 1090.209+/-0.373 χ^2/NDF : 487169.4/8

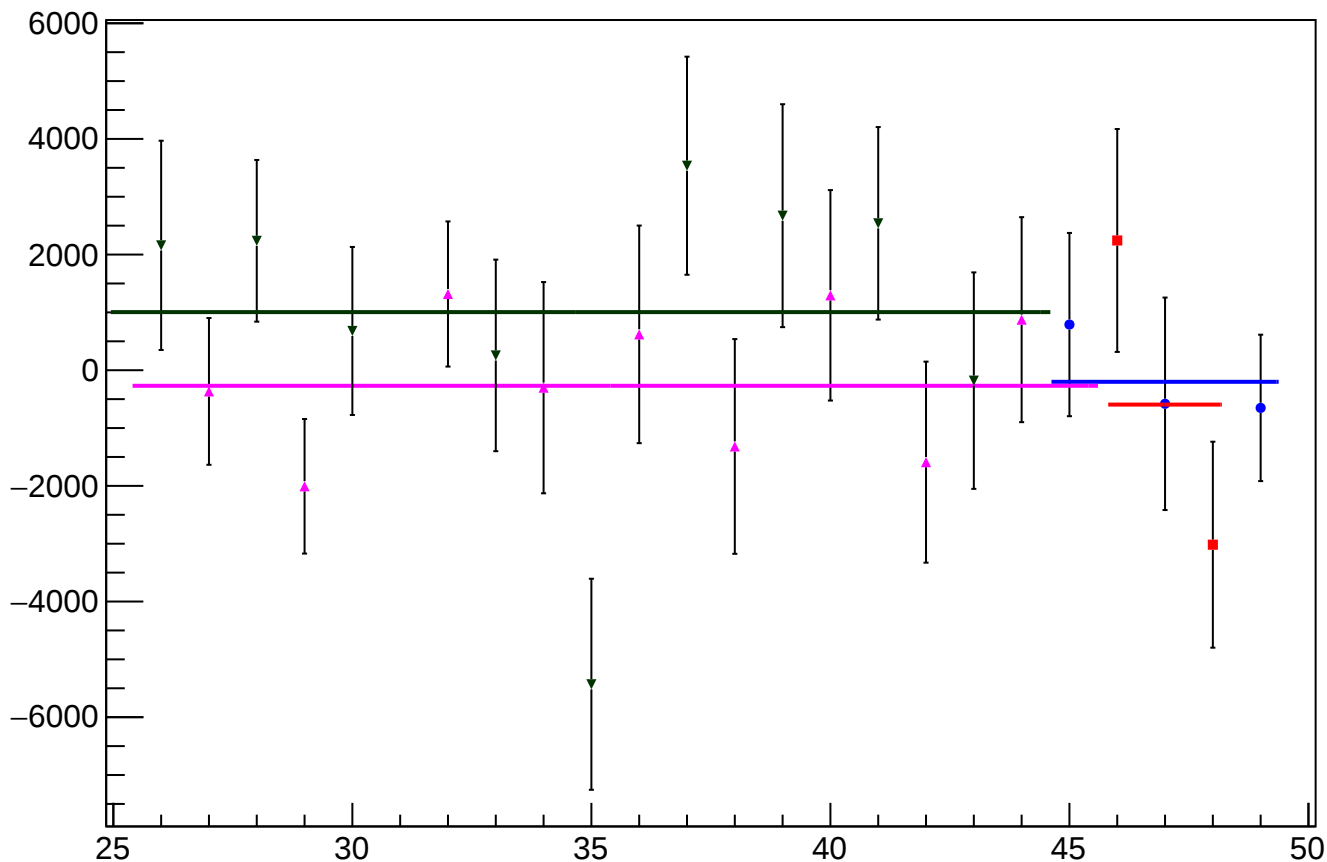
Right Out: 833.148+/-0.810 χ^2/NDF : 231987.6/1

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

1122.942+/-0.330 χ^2/NDF : 685743.9/11

1118.221+/-0.332 χ^2/NDF : 840373.1/10

reg_asym_sam_26_dd_mean vs slug



Right In: -200.398 $\pm$ 870.866 χ^2 /NDF: 0.6/2

Left Out: 1004.954 $\pm$ 563.215 χ^2 /NDF: 17.7/8

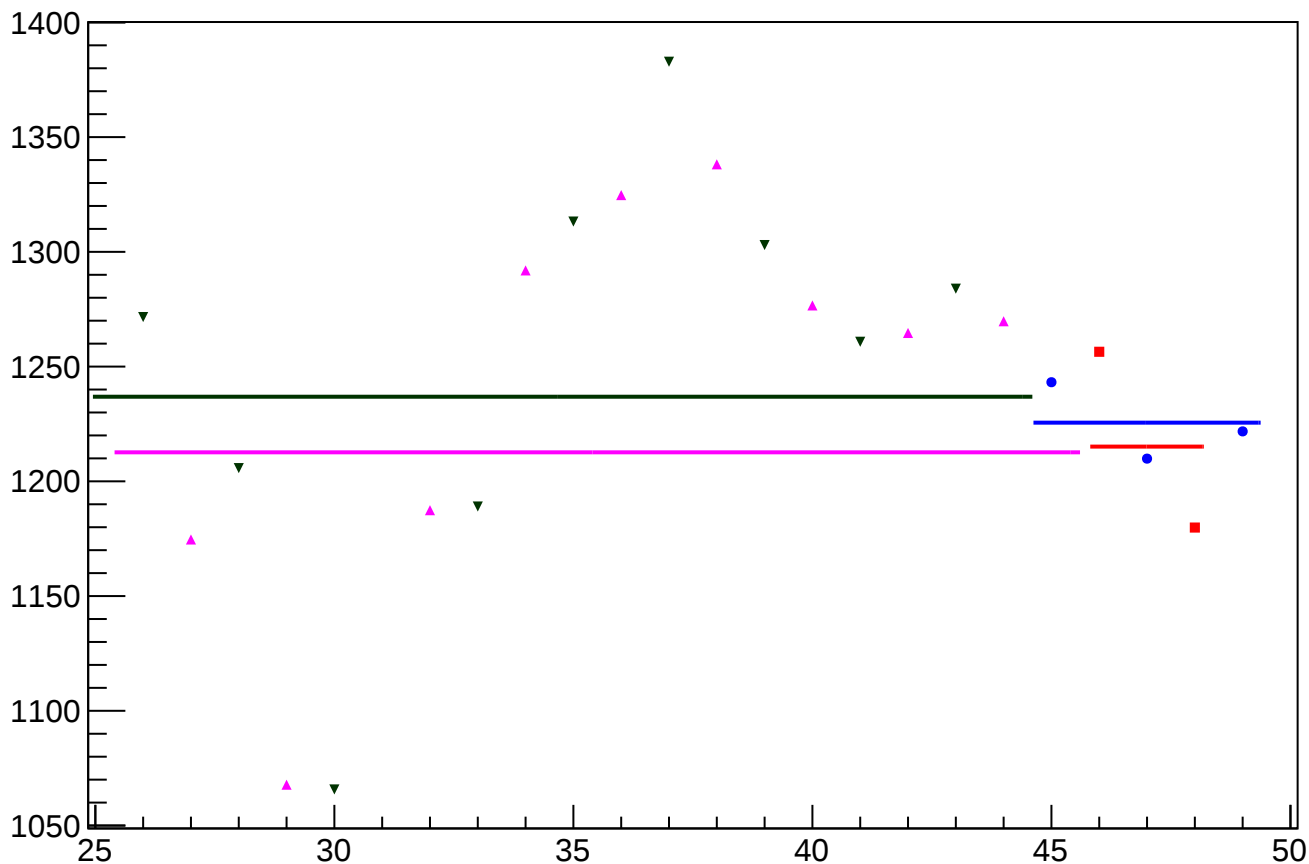
Right Out: -594.215 $\pm$ 1308.075 χ^2 /NDF: 4.0/1

Left In: -269.126 $\pm$ 511.768 χ^2 /NDF: 6.1/8

649.483 $\pm$ 472.929 χ^2 /NDF: 19.6/11

-312.280 $\pm$ 476.591 χ^2 /NDF: 10.2/10

reg_asym_sam_26_dd_rms vs slug



Right In: 1225.567 ± 0.616 χ^2/NDF : 411.0/2

Left Out: 1236.870 ± 0.398 χ^2/NDF : 50666.9/8

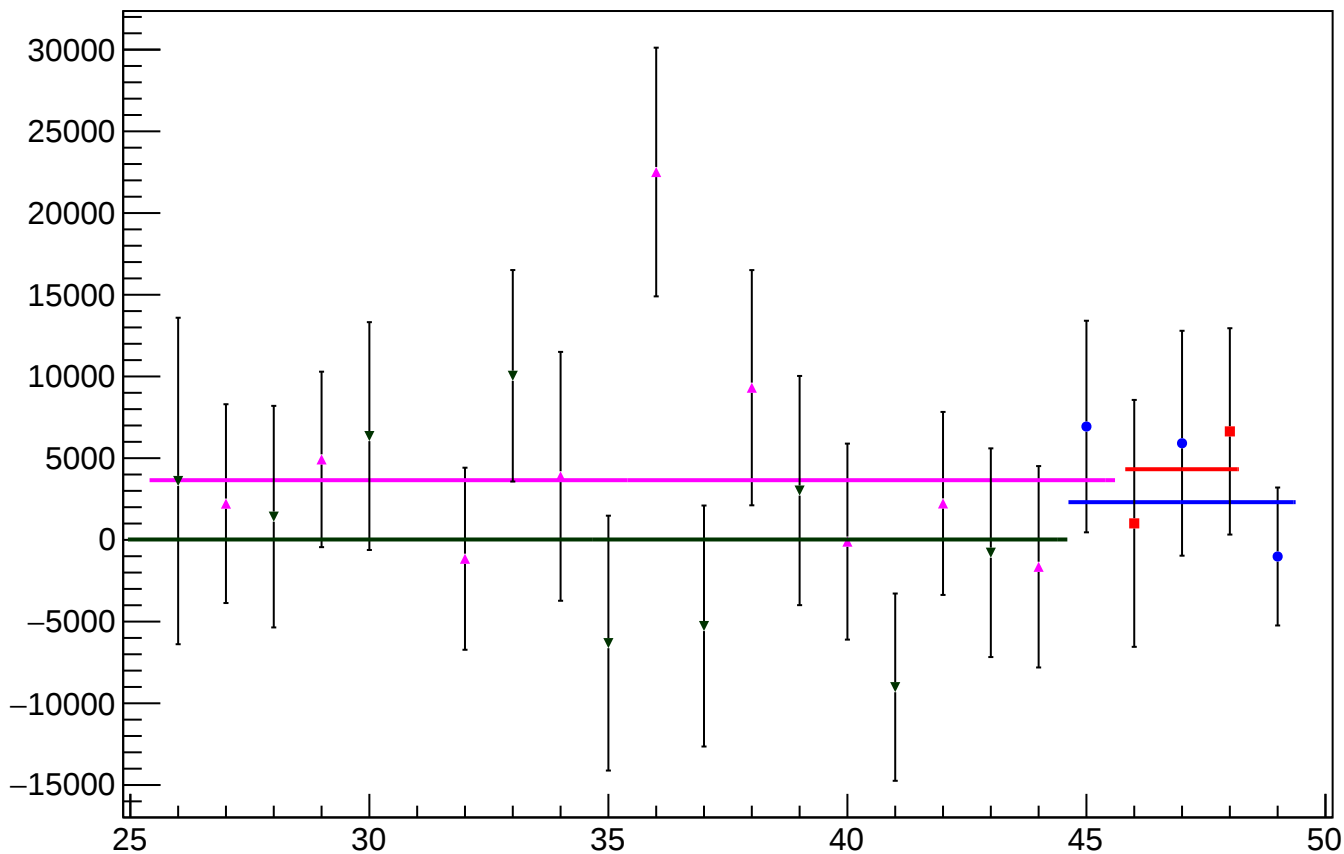
Right Out: 1215.135 ± 0.925 χ^2/NDF : 1704.0/1

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1233.537 ± 0.334 χ^2/NDF : 51315.5/11

1212.970 ± 0.337 χ^2/NDF : 61648.0/10

asym_sam_26_dd_correction_mean vs slug



Right In: 2307.784+/-3145.020 χ^2/NDF : 1.4/2

Left Out: 23.937+/-2316.200 χ^2/NDF : 7.3/8

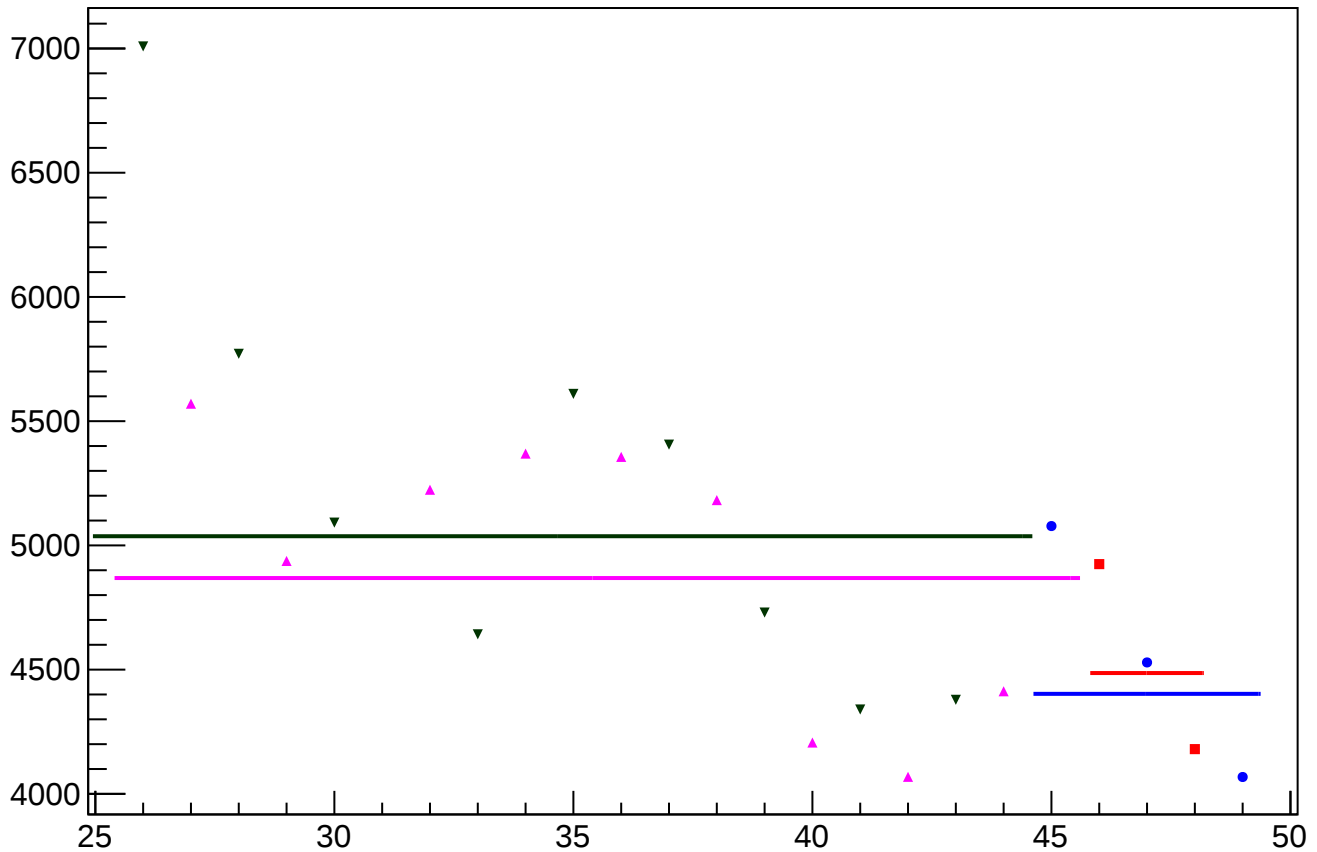
Right Out: 4323.956+/-4844.562 χ^2/NDF : 0.3/1

Left In: 3653.038+/-2068.097 χ^2/NDF : 8.8/8

827.056+/-1865.005 χ^2/NDF : 9.0/11

3756.457+/-1902.036 χ^2/NDF : 9.2/10

asym_sam_26_dd_correction_rms vs slug



Right In: 4402.526 ± 2.224 χ^2/NDF : 35010.2/2

Left Out: 5036.928 ± 1.638 χ^2/NDF : 179439.1/8

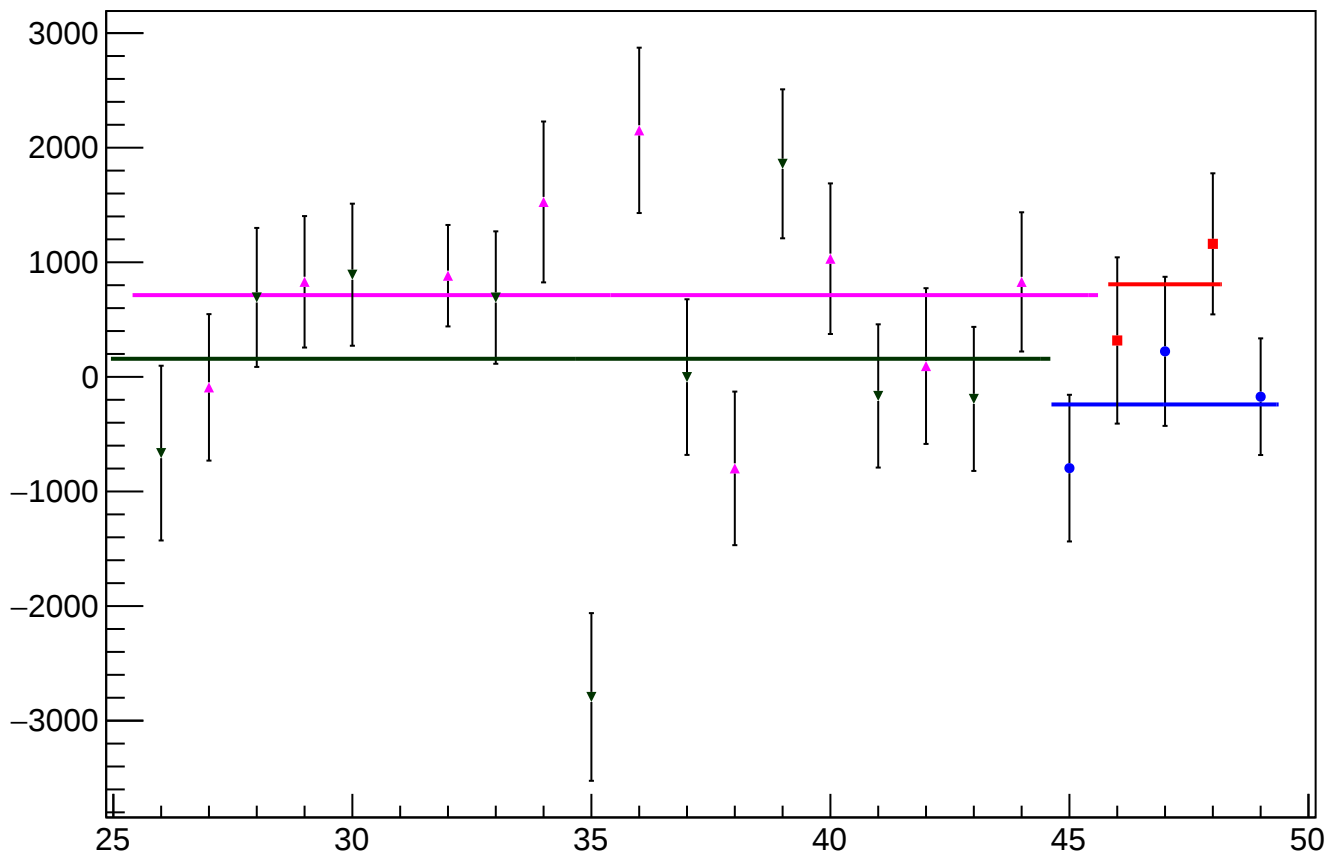
Right Out: 4486.270 ± 3.426 χ^2/NDF : 11440.0/1

Left In: 4868.644 ± 1.462 χ^2/NDF : 131901.5/8

4813.839 ± 1.319 χ^2/NDF : 267211.2/11

4809.703 ± 1.345 χ^2/NDF : 153880.4/10

reg_asym_sam_37_dd_mean vs slug



Right In: -240.635 ± 339.722 $\chi^2/\text{NDF}: 1.3/2$

Left Out: 157.928 ± 215.506 $\chi^2/\text{NDF}: 28.0/8$

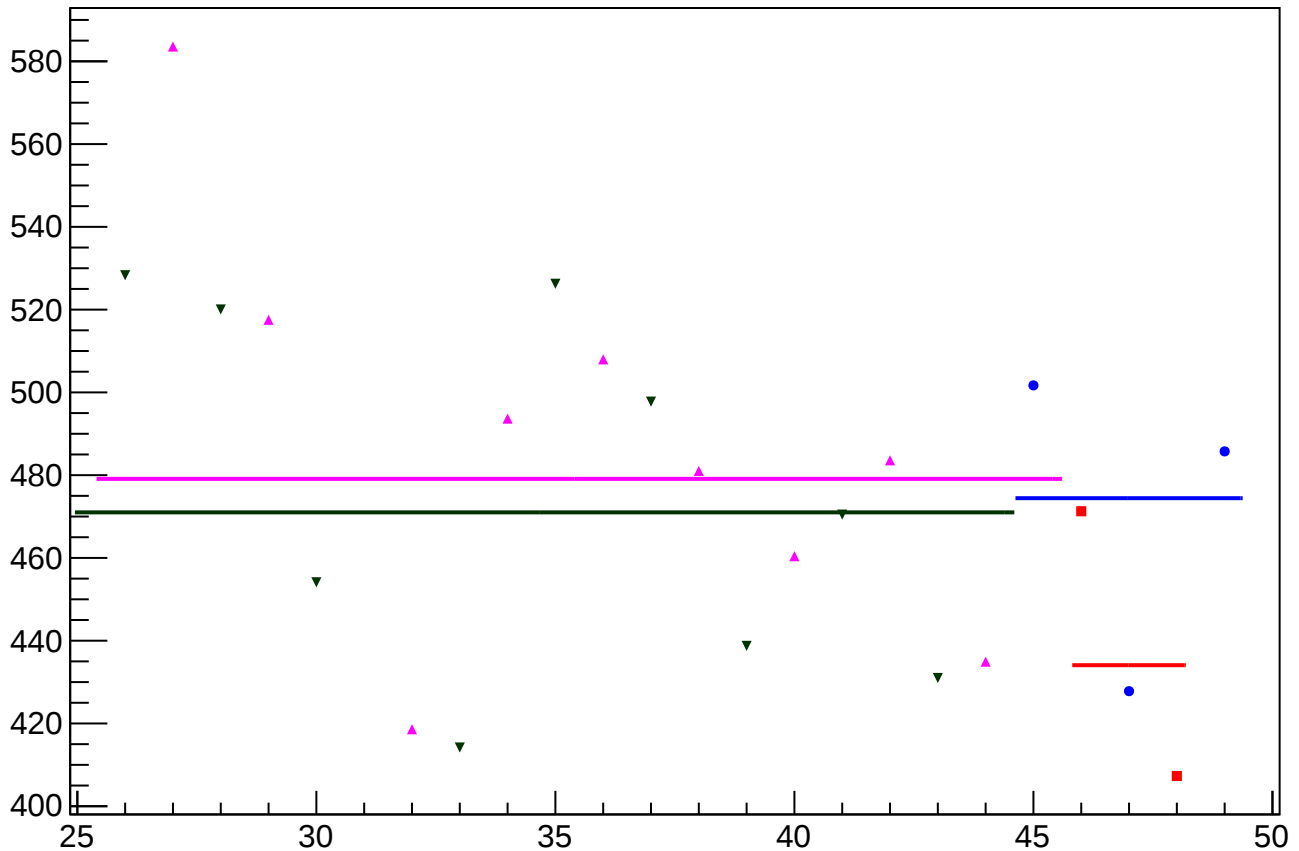
Right Out: 807.935 ± 469.379 $\chi^2/\text{NDF}: 0.8/1$

Left In: 713.441 ± 204.299 $\chi^2/\text{NDF}: 13.3/8$

43.563 ± 181.979 $\chi^2/\text{NDF}: 30.2/11$

728.491 ± 187.324 $\chi^2/\text{NDF}: 14.1/10$

reg_asym_sam_37_dd_rms vs slug



Right In: 474.436+/-0.240 χ^2/NDF : 14892.9/2

Left Out: 471.009+/-0.152 χ^2/NDF : 72737.7/8

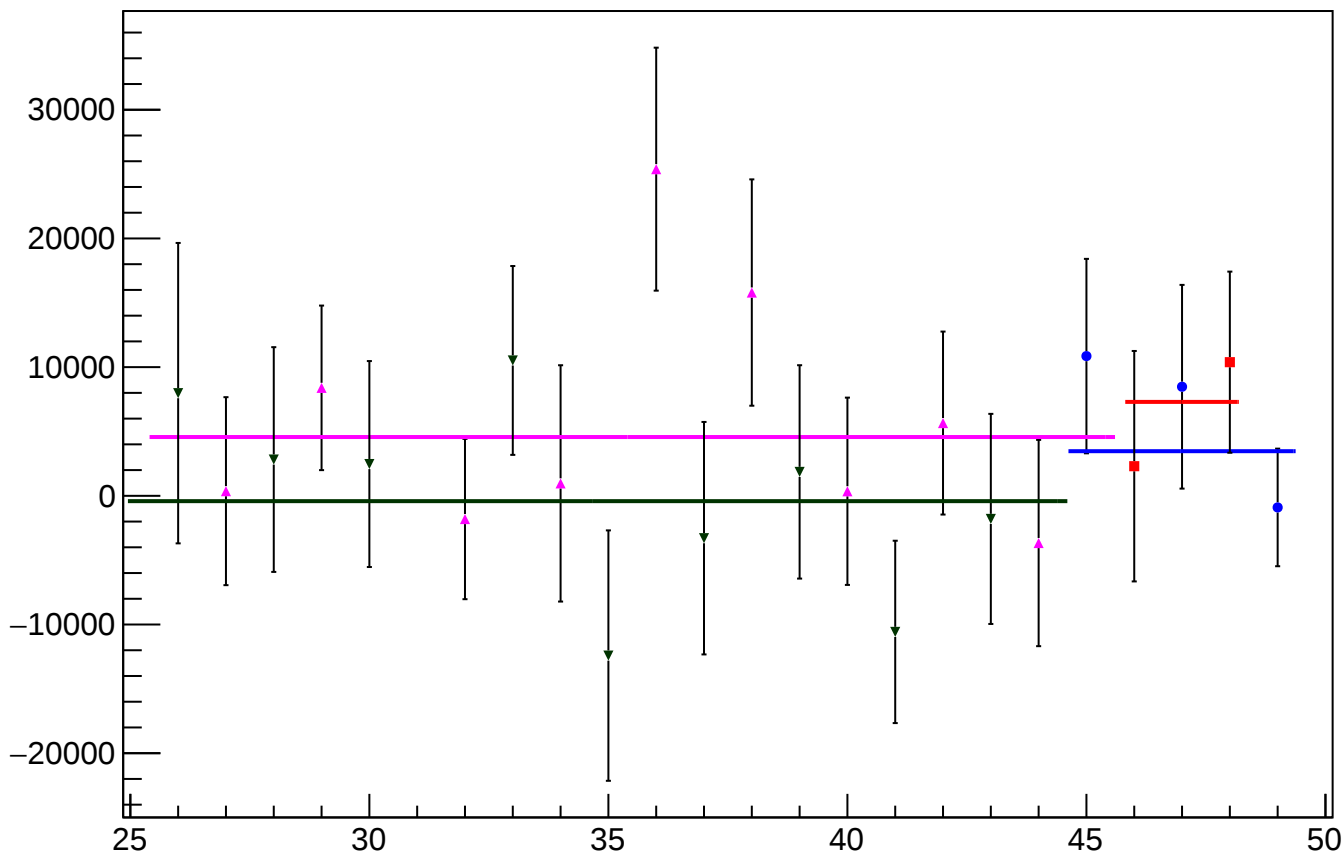
Right Out: 434.083+/-0.332 χ^2/NDF : 9041.0/1

Left In: 479.100+/-0.144 χ^2/NDF : 116130.5/8

471.992+/-0.129 χ^2/NDF : 87775.7/11

471.930+/-0.132 χ^2/NDF : 140638.2/10

asym_sam_37_dd_correction_mean vs slug



Right In: 3468.691+/-3505.364 χ^2/NDF : 2.3/2

Left Out: -413.785+/-2806.714 χ^2/NDF : 6.8/8

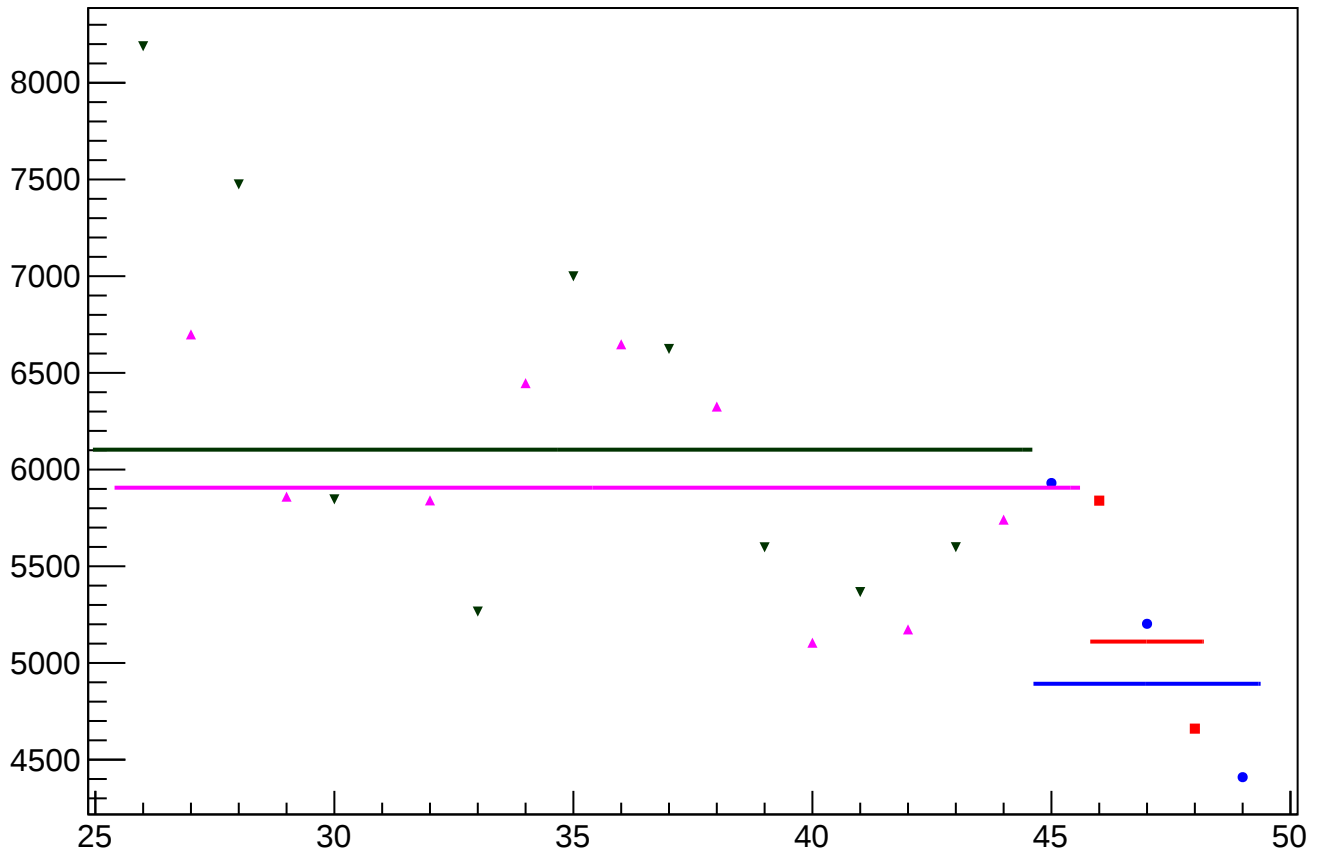
Right Out: 7298.999+/-5532.939 χ^2/NDF : 0.5/1

Left In: 4568.925+/-2506.004 χ^2/NDF : 9.8/8

1102.923+/-2190.936 χ^2/NDF : 9.8/11

5033.642+/-2282.774 χ^2/NDF : 10.5/10

asym_sam_37_dd_correction_rms vs slug



Right In: 4892.446+/-2.479 χ^2/NDF : 63176.5/2

Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

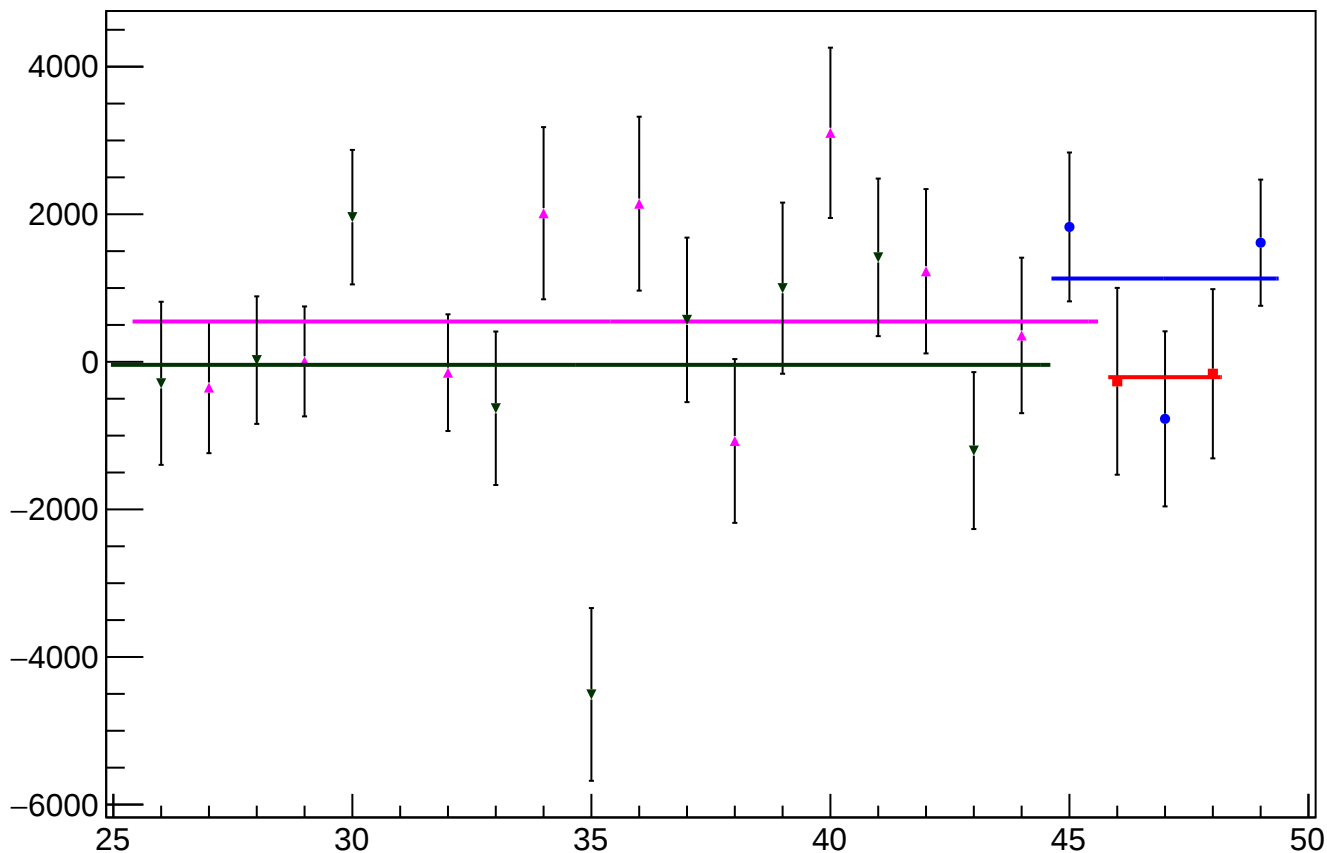
Right Out: 5110.622+/-3.912 χ^2/NDF : 21431.6/1

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

5630.054+/-1.549 χ^2/NDF : 410103.3/11

5770.851+/-1.614 χ^2/NDF : 149819.2/10

reg_asym_sam_48_dd_mean vs slug



Right In: 1129.012 $\pm$ 571.577 χ^2 /NDF: 3.4/2

Left Out: -40.923 $\pm$ 346.578 χ^2 /NDF:23.9/8

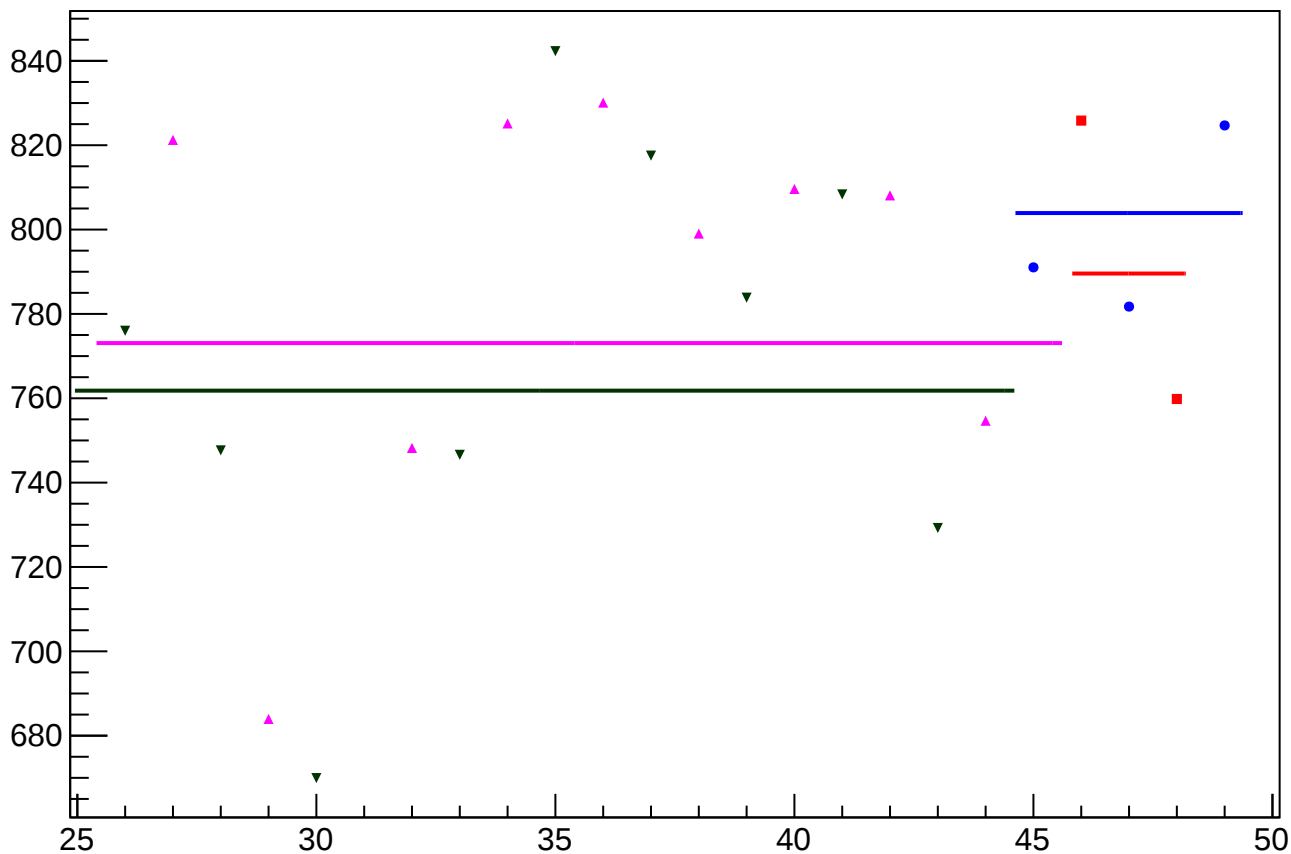
Right Out: -207.726 $\pm$ 849.871 χ^2 /NDF: 0.0/1

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF:13.2/8

273.586 $\pm$ 296.354 χ^2 /NDF: 30.4/11

449.596 $\pm$ 304.679 χ^2 /NDF: 13.9/10

reg_asym_sam_48_dd_rms vs slug



Right In: 803.918+/-0.404 χ^2/NDF : 2205.6/2

Left Out: 761.807+/-0.245 χ^2/NDF : 42466.1/8

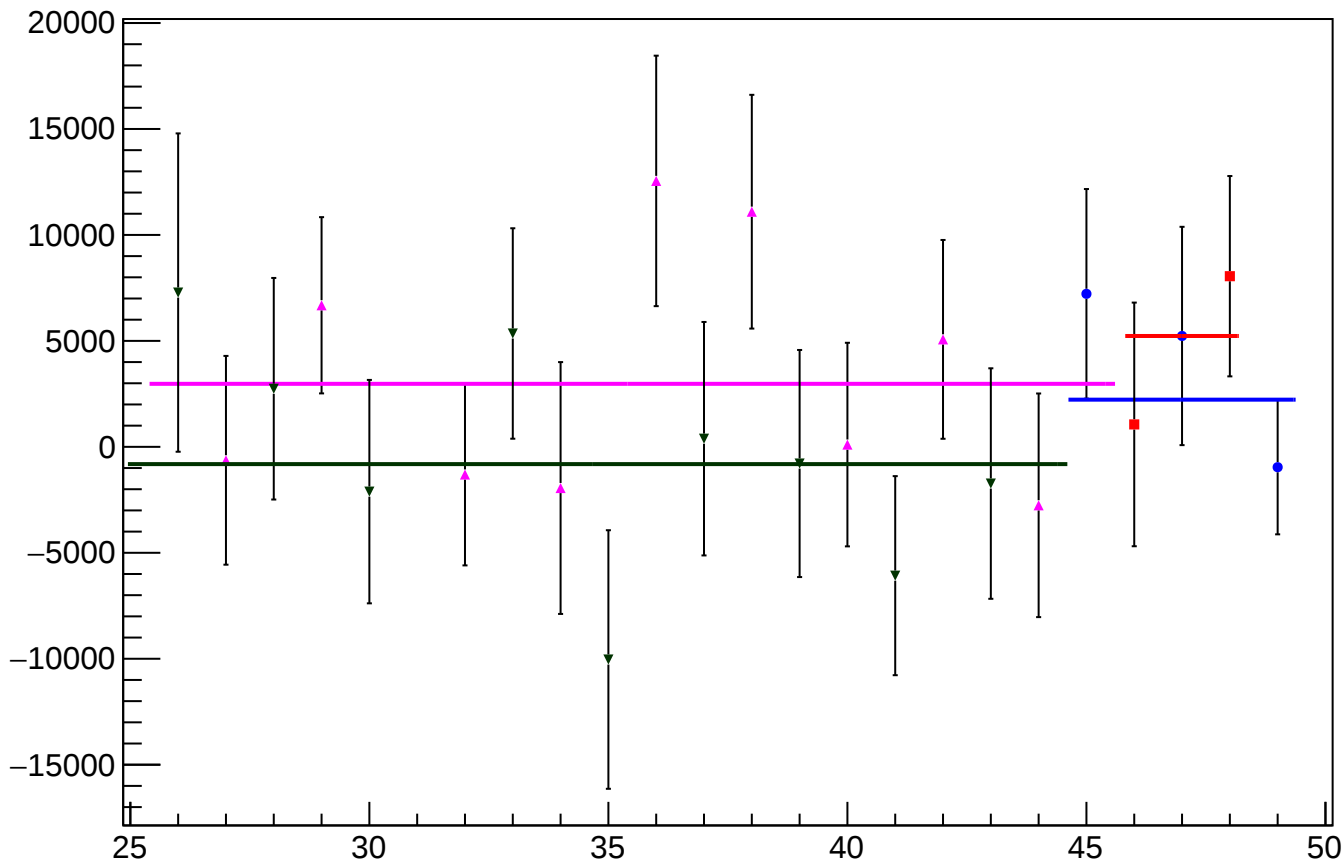
Right Out: 789.576+/-0.601 χ^2/NDF : 2986.7/1

Left In: 773.088+/-0.231 χ^2/NDF : 50809.2/8

773.127+/-0.210 χ^2/NDF : 52609.5/11

775.207+/-0.215 χ^2/NDF : 54452.0/10

asym_sam_48_dd_correction_mean vs slug



Right In: 2226.571 $\pm$ 2369.154 χ^2 /NDF: 2.4/2

Left Out: -814.730 $\pm$ 1811.752 χ^2 /NDF:6.8/8

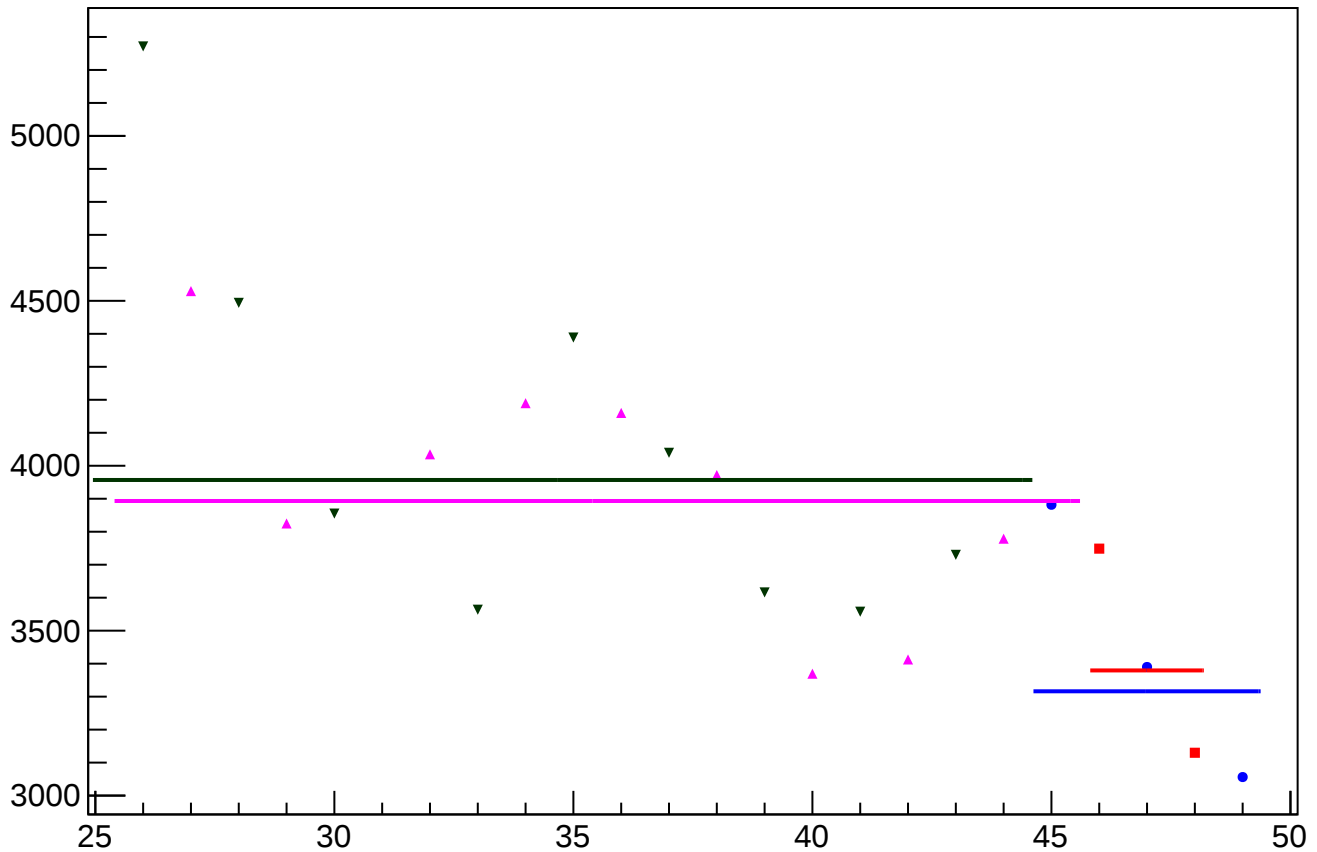
Right Out: 5231.368 $\pm$ 3651.048 χ^2 /NDF: 0.9/1

Left In: 2973.562 $\pm$ 1648.529 χ^2 /NDF:9.5/8

307.532 $\pm$ 1439.166 χ^2 /NDF: 10.3/11

3355.914 $\pm$ 1502.472 χ^2 /NDF: 10.7/10

asym_sam_48_dd_correction_rms vs slug



Right In: 3316.190+/-1.675 χ^2/NDF : 40023.8/2

Left Out: 3956.868+/-1.281 χ^2/NDF :132161.2/8

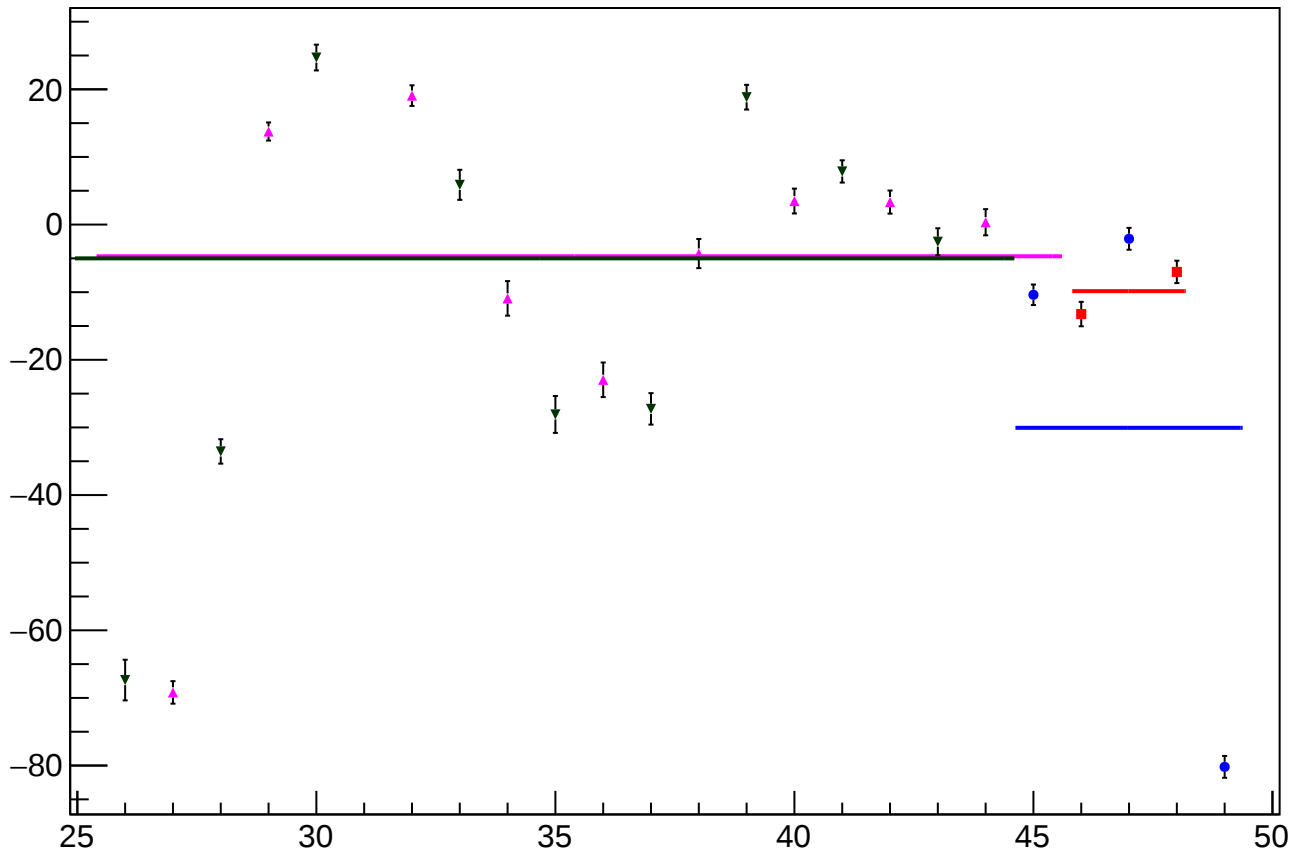
Right Out: 3379.468+/-2.582 χ^2/NDF : 13827.6/1

Left In: 3893.148+/-1.166 χ^2/NDF :91246.6/8

3720.453+/-1.018 χ^2/NDF : 264473.3/11

3806.158+/-1.062 χ^2/NDF : 137959.3/10

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -30.053 ± 0.913 $\chi^2/\text{NDF}: 1429.9/2$

Left Out: -4.999 ± 0.684 $\chi^2/\text{NDF}: 1343.0/8$

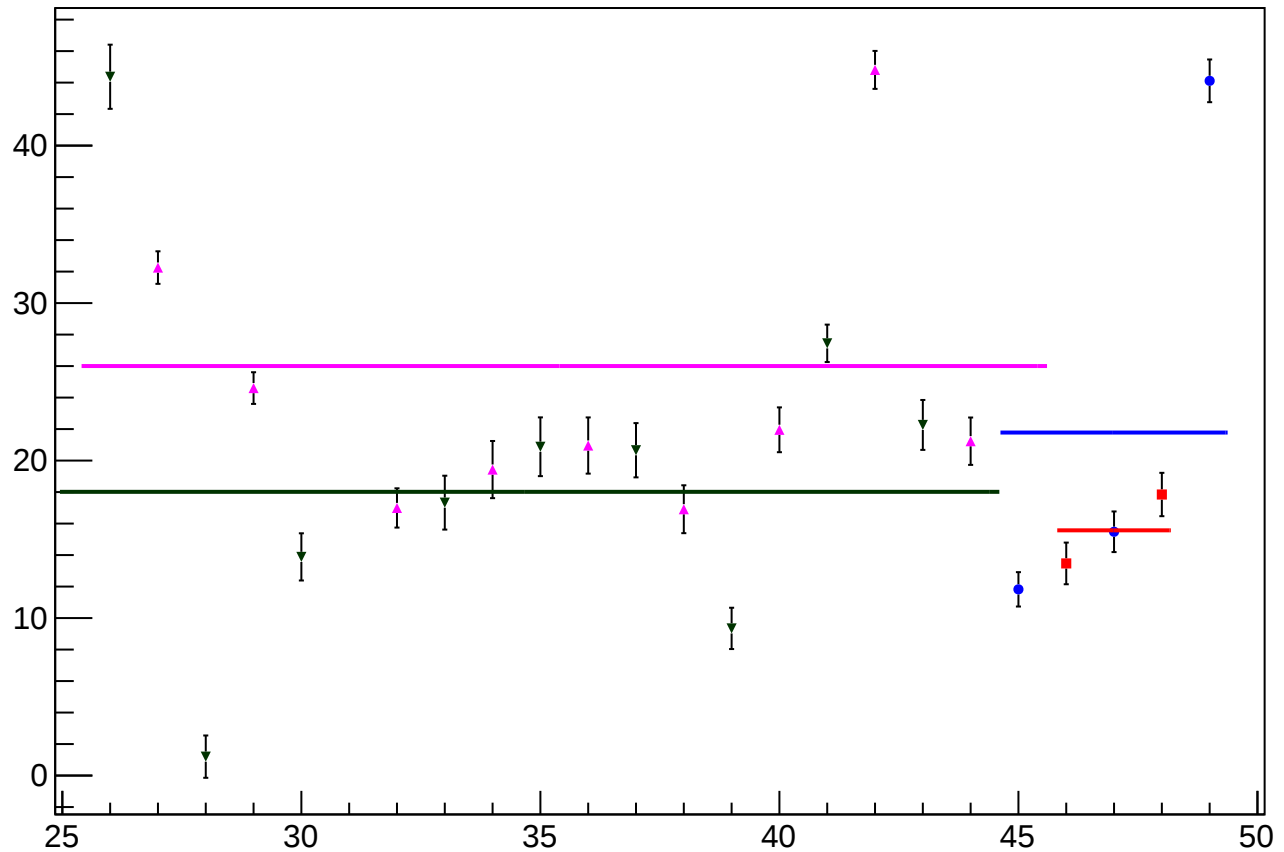
Right Out: -9.845 ± 1.219 $\chi^2/\text{NDF}: 6.5/1$

Left In: -4.688 ± 0.600 $\chi^2/\text{NDF}: 2042.2/8$

-14.013 ± 0.548 $\chi^2/\text{NDF}: 3254.9/11$

-5.694 ± 0.539 $\chi^2/\text{NDF}: 2063.1/10$

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 21.780 ± 0.710 χ^2/NDF : 378.2/2

Left Out: 18.015 ± 0.507 χ^2/NDF : 450.4/8

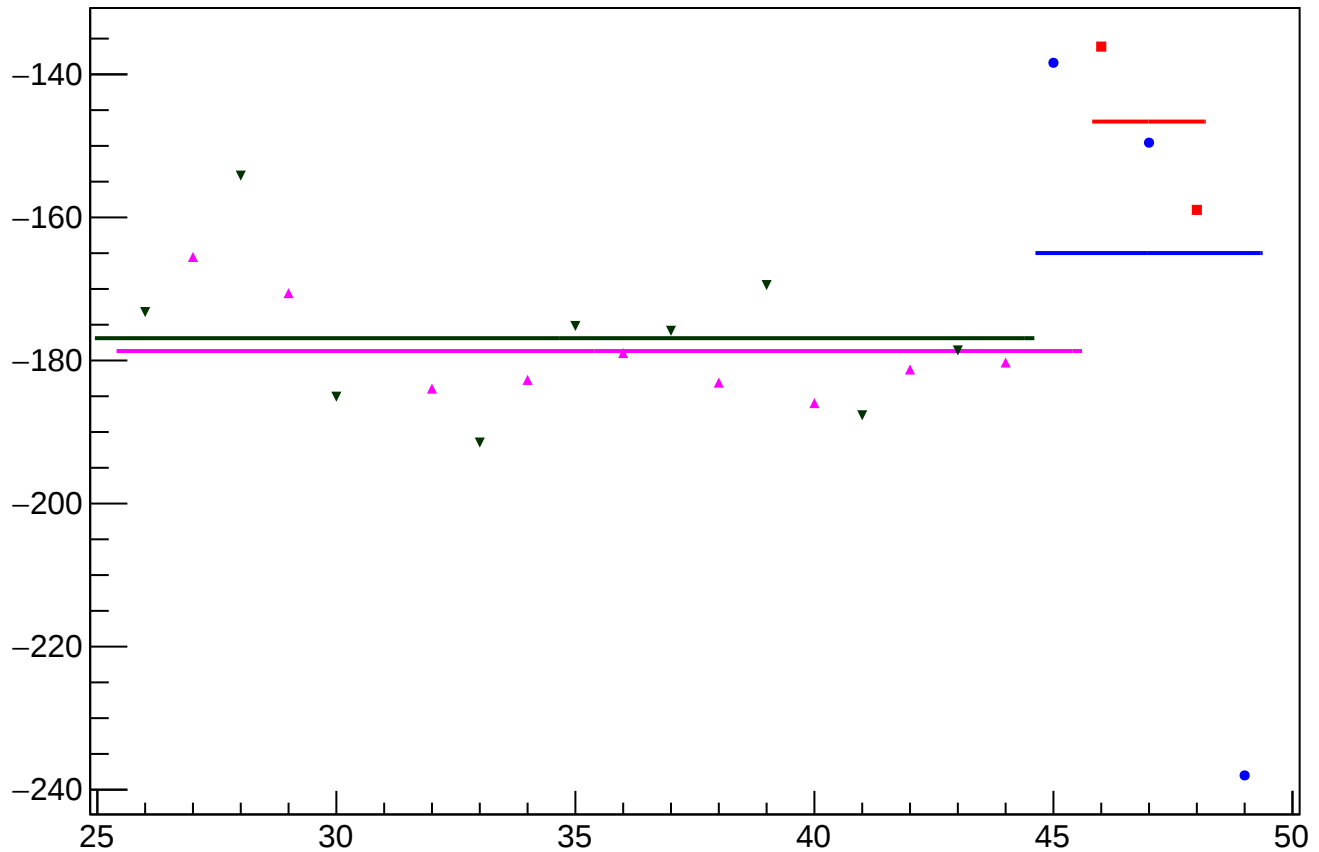
Right Out: 15.570 ± 0.954 χ^2/NDF : 5.3/1

Left In: 26.003 ± 0.437 χ^2/NDF : 409.3/8

19.286 ± 0.412 χ^2/NDF : 847.2/11

24.194 ± 0.397 χ^2/NDF : 513.5/10

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -164.981+/-0.159 χ^2/NDF : 63608.4/2

Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

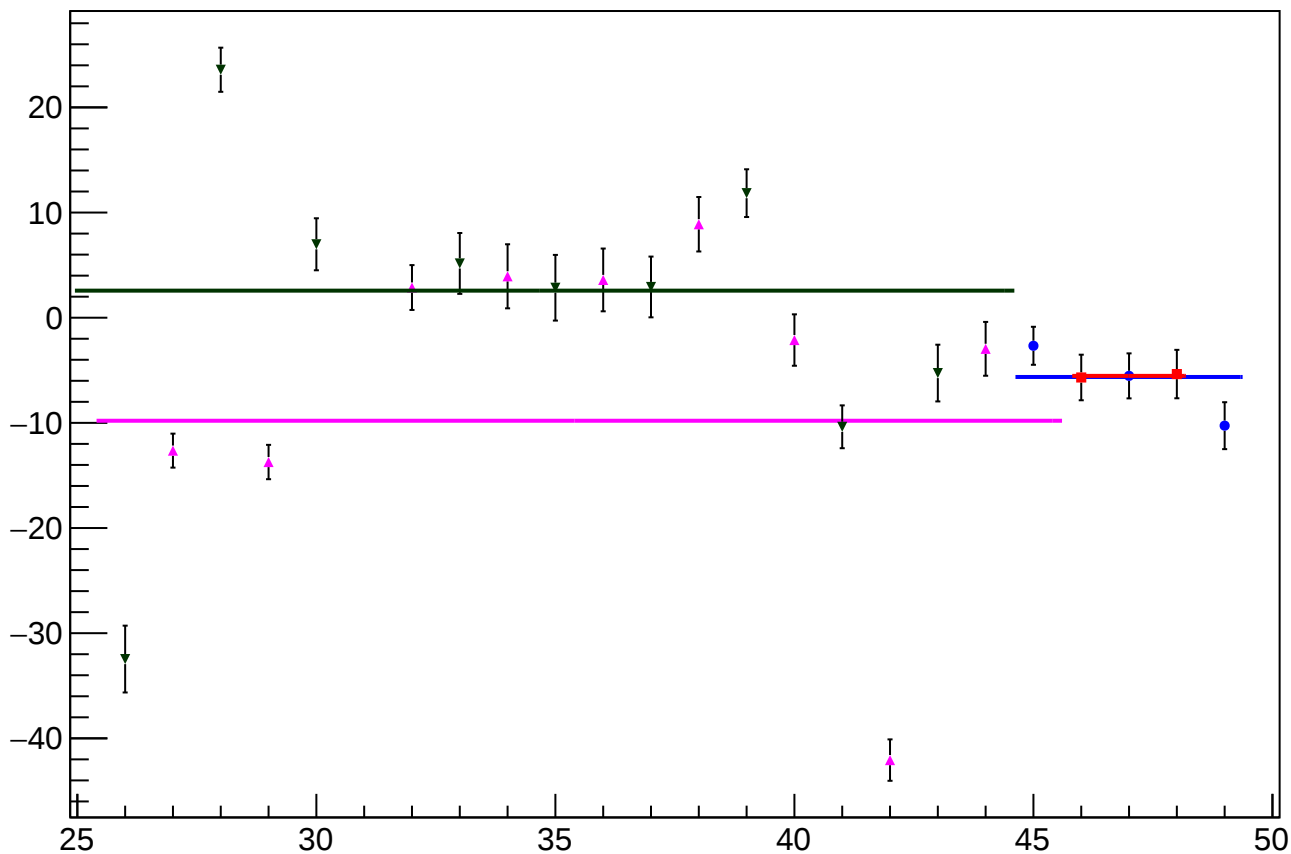
Right Out: -146.602+/-0.200 χ^2/NDF : 3226.7/1

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-172.791+/-0.093 χ^2/NDF : 76989.1/11

-171.900+/-0.092 χ^2/NDF : 27738.6/10

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -5.635 $\pm$ 1.174 χ^2 /NDF: 7.0/2

Left Out: 2.574 $\pm$ 0.844 χ^2 /NDF: 291.3/8

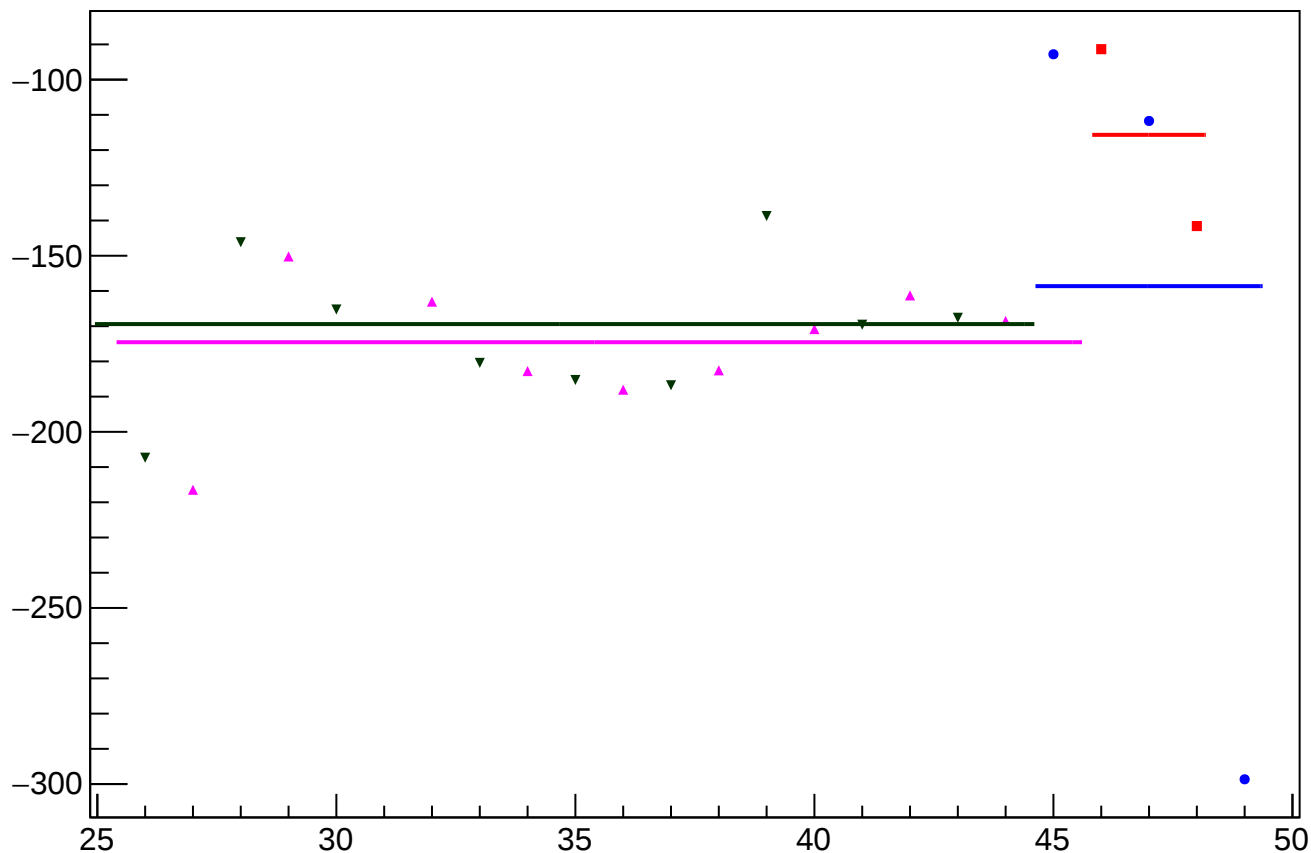
Right Out: -5.531 $\pm$ 1.578 χ^2 /NDF: 0.0/1

Left In: -9.798 $\pm$ 0.721 χ^2 /NDF: 422.2/8

-0.223 $\pm$ 0.685 χ^2 /NDF: 330.5/11

-9.062 $\pm$ 0.656 χ^2 /NDF: 428.3/10

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -158.634+/-0.229 χ^2/NDF : 154614.2/2

Left Out: -169.406+/-0.155 χ^2/NDF : 16565.2/8

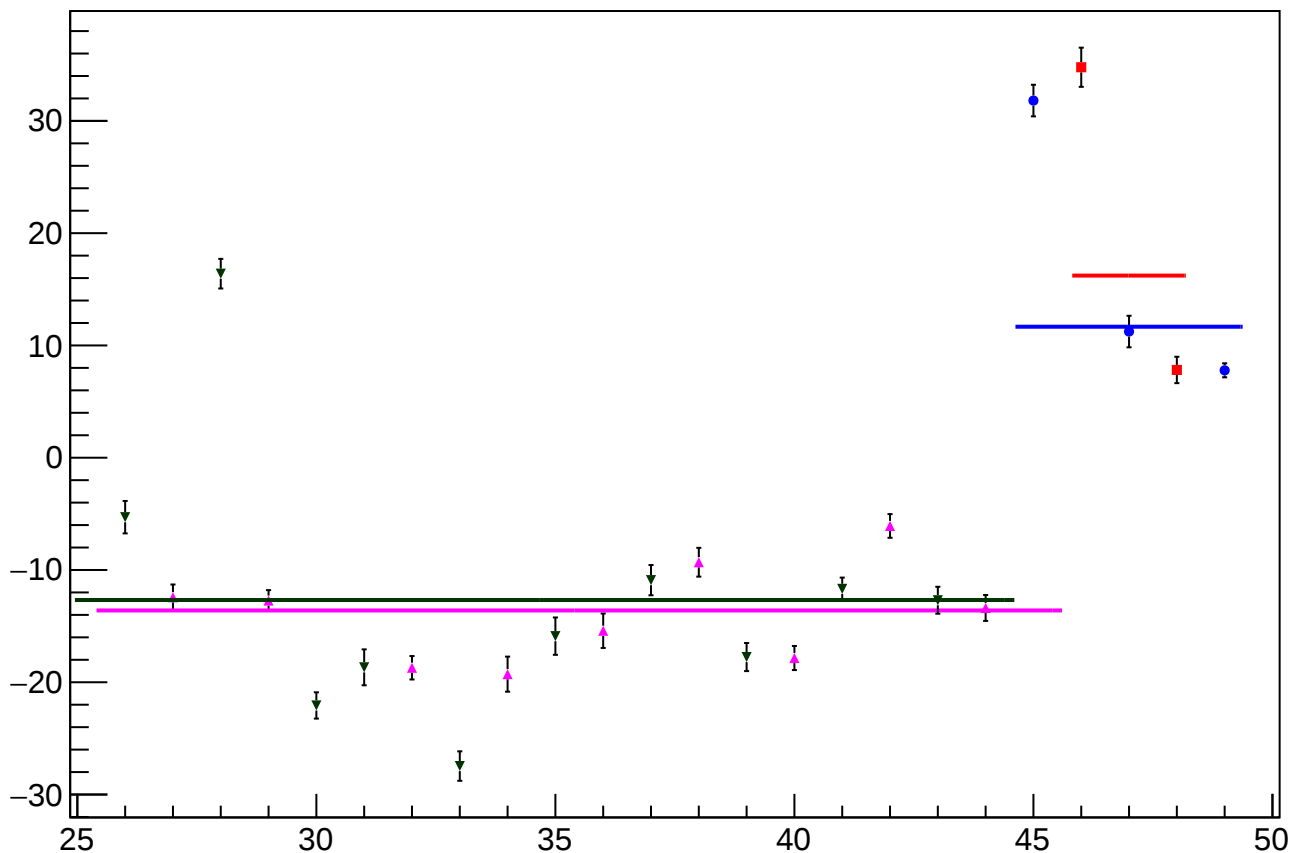
Right Out: -115.679+/-0.305 χ^2/NDF : 6765.8/1

Left In: -174.554+/-0.152 χ^2/NDF : 17338.0/8

-166.018+/-0.129 χ^2/NDF : 172692.9/11

-162.889+/-0.136 χ^2/NDF : 53960.8/10

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.667 ± 0.529 χ^2/NDF : 243.5/2

Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

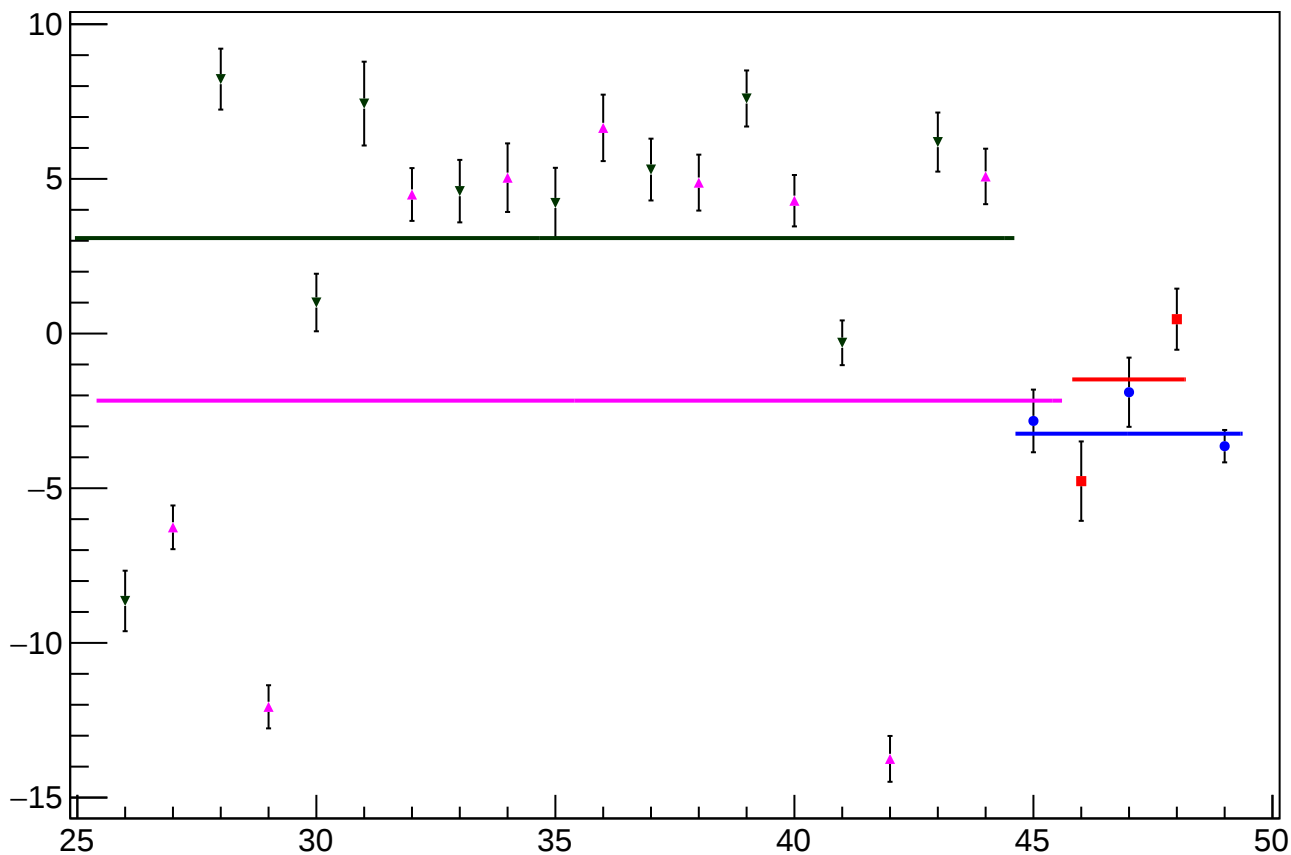
Right Out: 16.223 ± 0.974 χ^2/NDF : 164.4/1

Left In: -13.605 ± 0.383 χ^2/NDF : 118.1/8

-3.586 ± 0.323 χ^2/NDF : 2309.8/12

-9.603 ± 0.357 χ^2/NDF : 1094.4/10

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -3.237 ± 0.429 $\chi^2/\text{NDF}: 2.2/2$

Left Out: 3.086 ± 0.305 $\chi^2/\text{NDF}: 251.9/9$

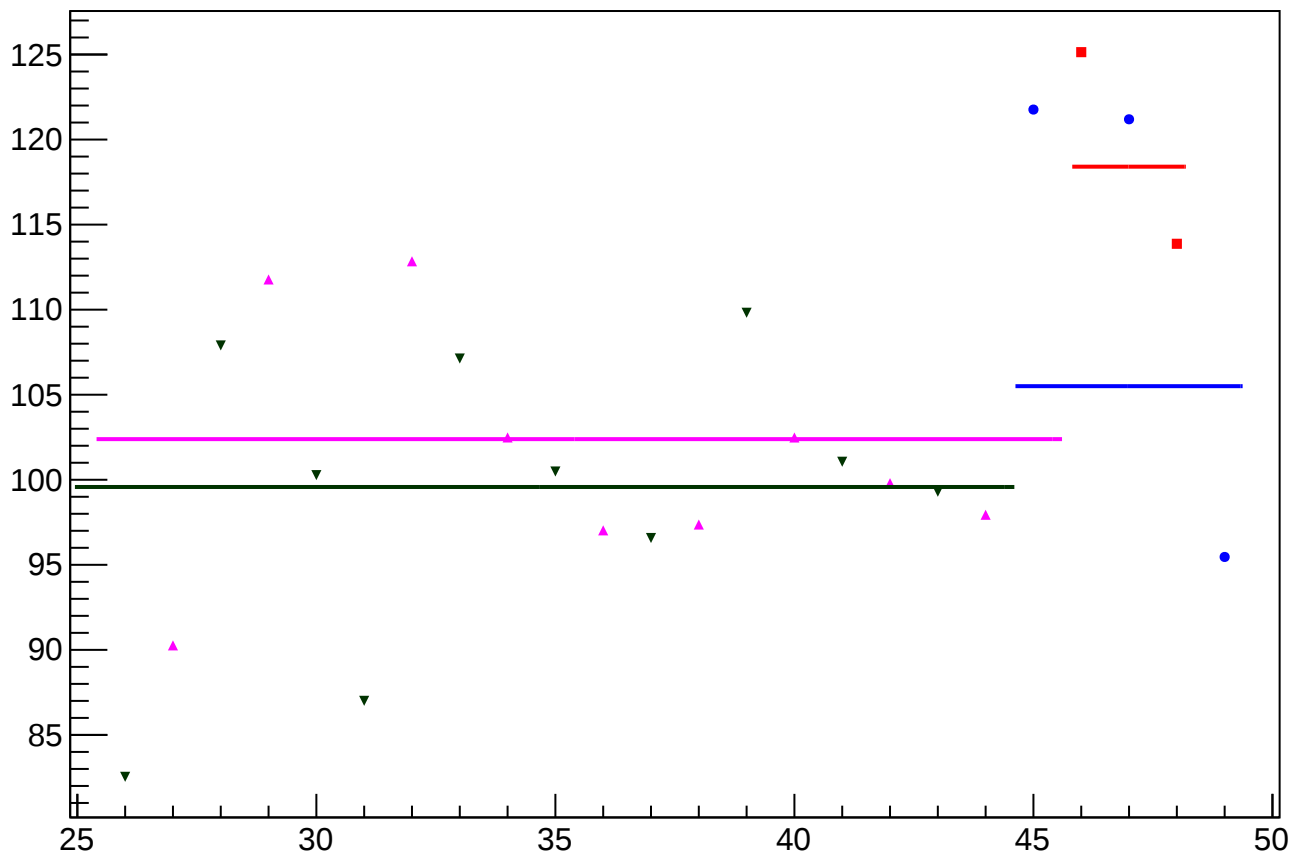
Right Out: -1.483 ± 0.783 $\chi^2/\text{NDF}: 10.5/1$

Left In: -2.169 ± 0.279 $\chi^2/\text{NDF}: 836.6/8$

0.967 ± 0.249 $\chi^2/\text{NDF}: 398.3/12$

-2.091 ± 0.263 $\chi^2/\text{NDF}: 847.7/10$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 105.502 $\pm$ 0.101 χ^2 /NDF: 15847.2/2

Left Out: 99.576 $\pm$ 0.067 χ^2 /NDF: 14210.5/9

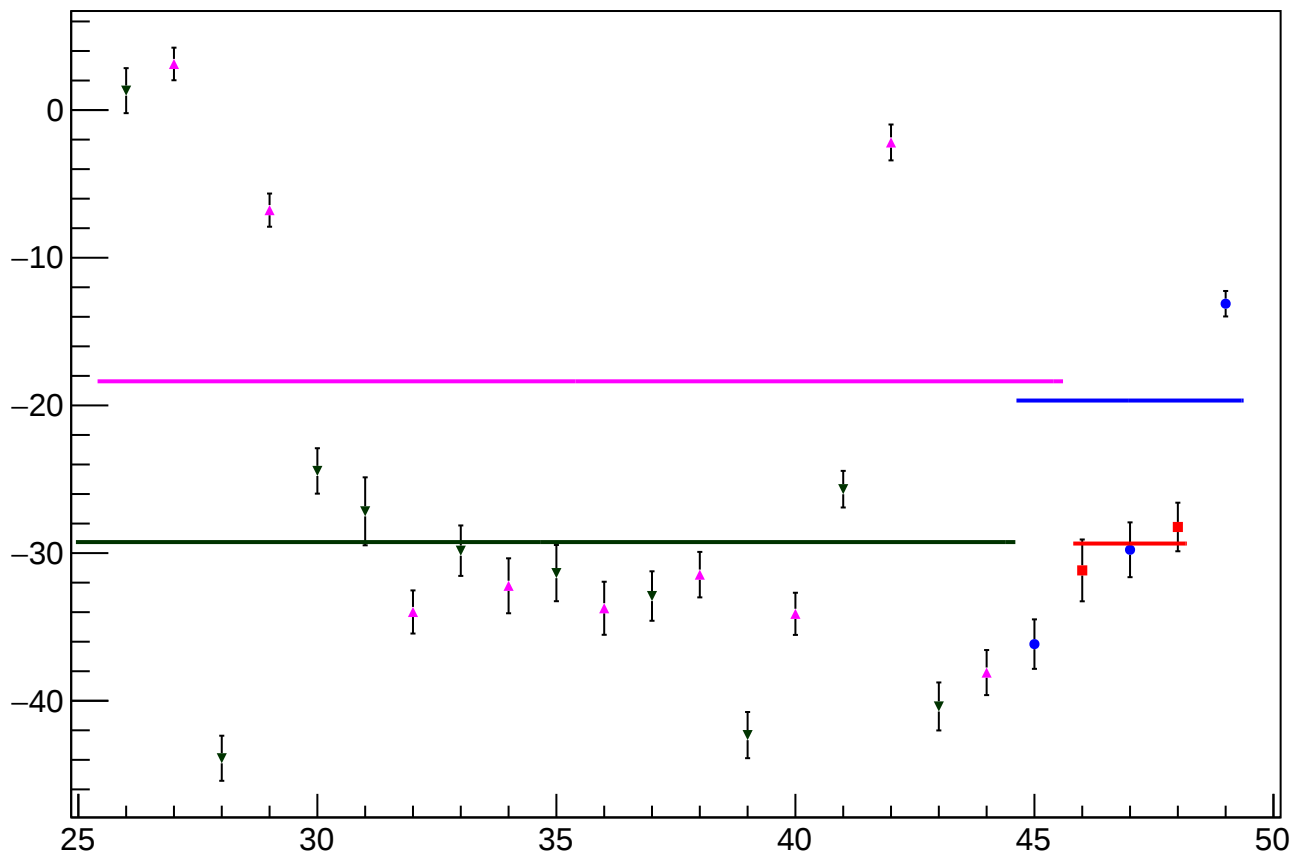
Right Out: 118.406 $\pm$ 0.167 χ^2 /NDF: 1091.8/1

Left In: 102.389 $\pm$ 0.066 χ^2 /NDF: 12190.9/8

101.395 $\pm$ 0.056 χ^2 /NDF: 32459.9/12

104.542 $\pm$ 0.061 χ^2 /NDF: 21226.7/10

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.669 ± 0.709 $\chi^2/\text{NDF}: 184.3/2$

Left Out: -29.254 ± 0.507 $\chi^2/\text{NDF}: 636.3/9$

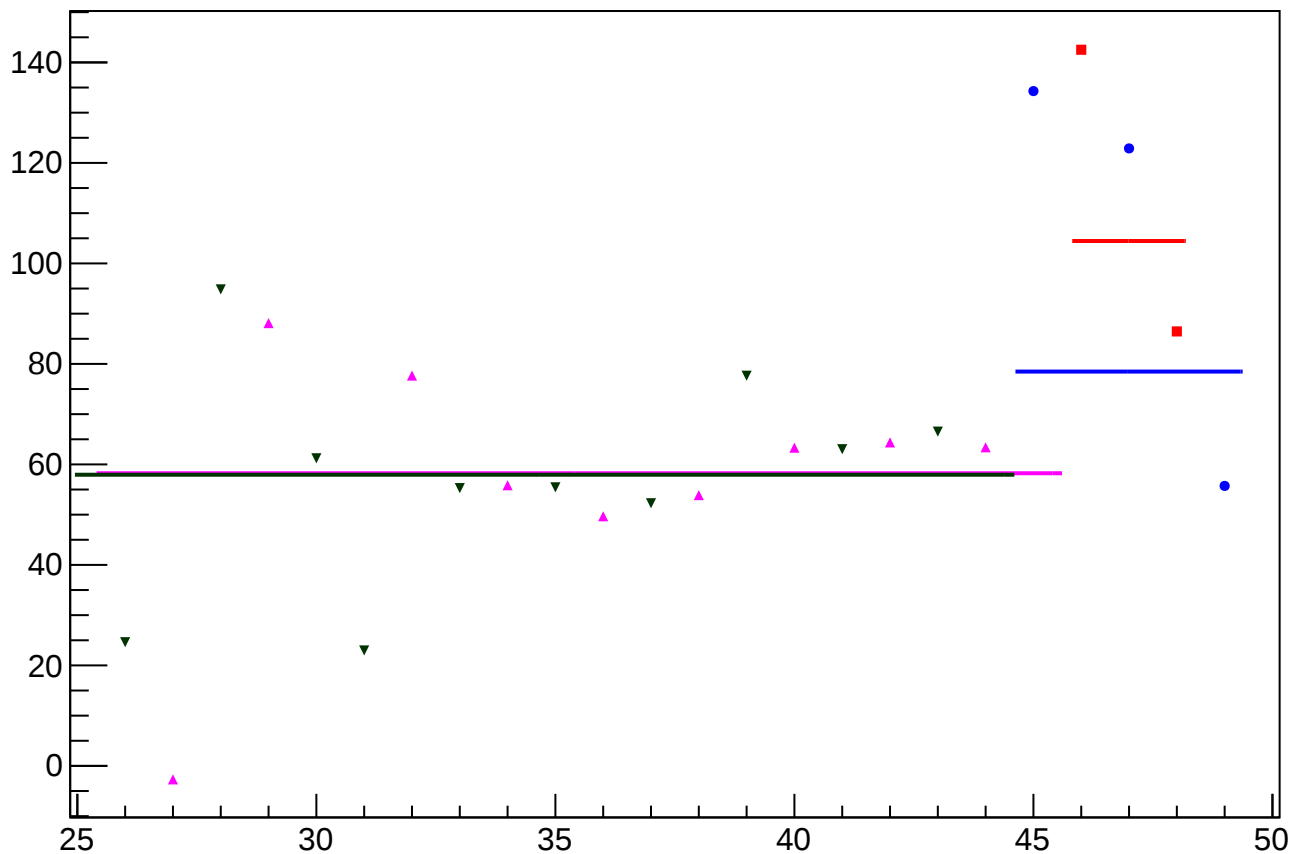
Right Out: -29.353 ± 1.293 $\chi^2/\text{NDF}: 1.2/1$

Left In: -18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

-26.007 ± 0.413 $\chi^2/\text{NDF}: 941.5/12$

-19.608 ± 0.434 $\chi^2/\text{NDF}: 1332.6/10$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 78.476+/-0.136 χ^2/NDF : 62588.7/2

Left Out: 57.944+/-0.092 χ^2/NDF : 48321.4/9

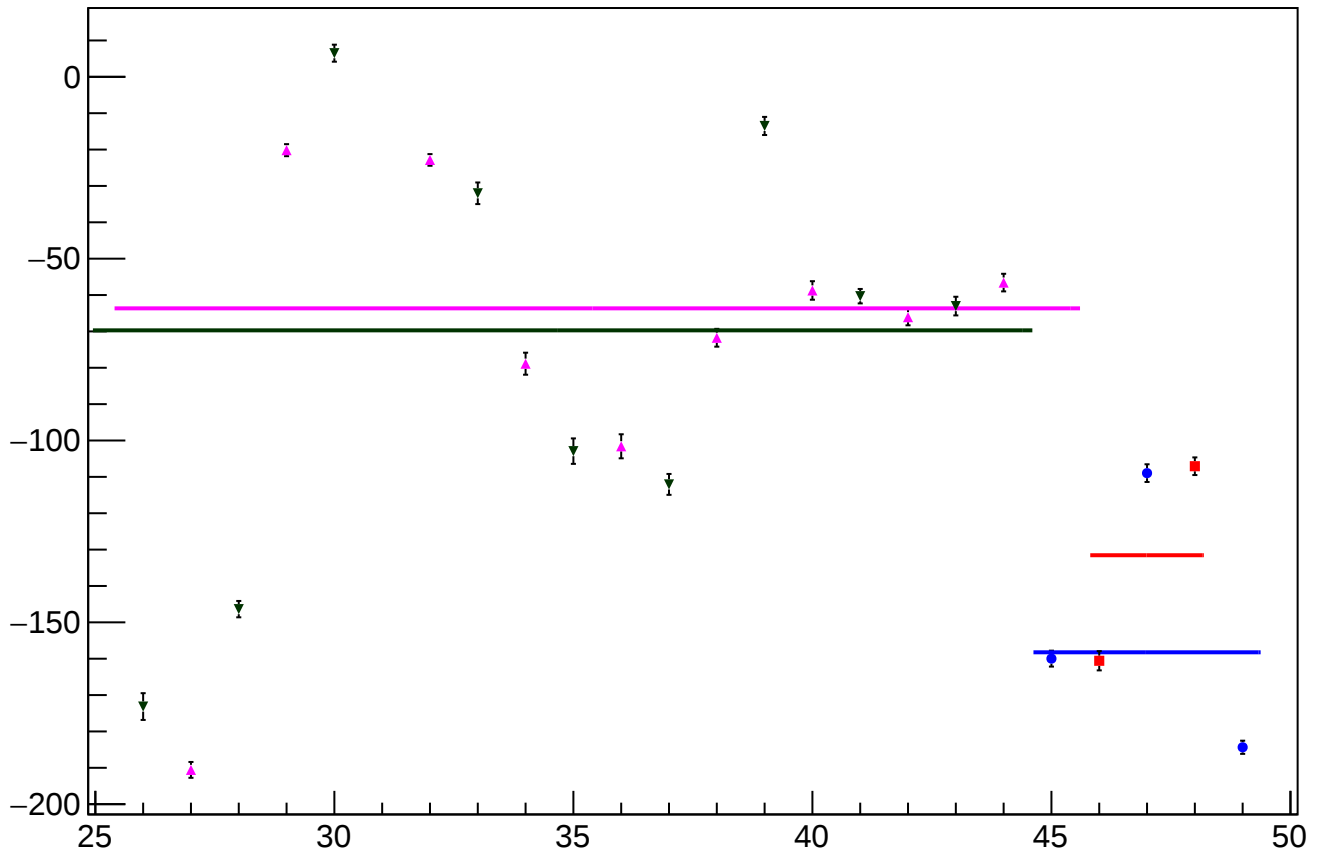
64.372+/-0.076 χ^2/NDF : 126545.1/12

Right Out: 104.459+/-0.233 χ^2/NDF : 12647.3/1

64.942+/-0.089 χ^2/NDF : 112151.9/10

Left In: 58.243+/-0.096 χ^2/NDF : 65783.5/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -158.238+/-1.211 χ^2 /NDF: 618.2/2

Left Out: -69.710+/-0.865 χ^2 /NDF: 4019.0/8

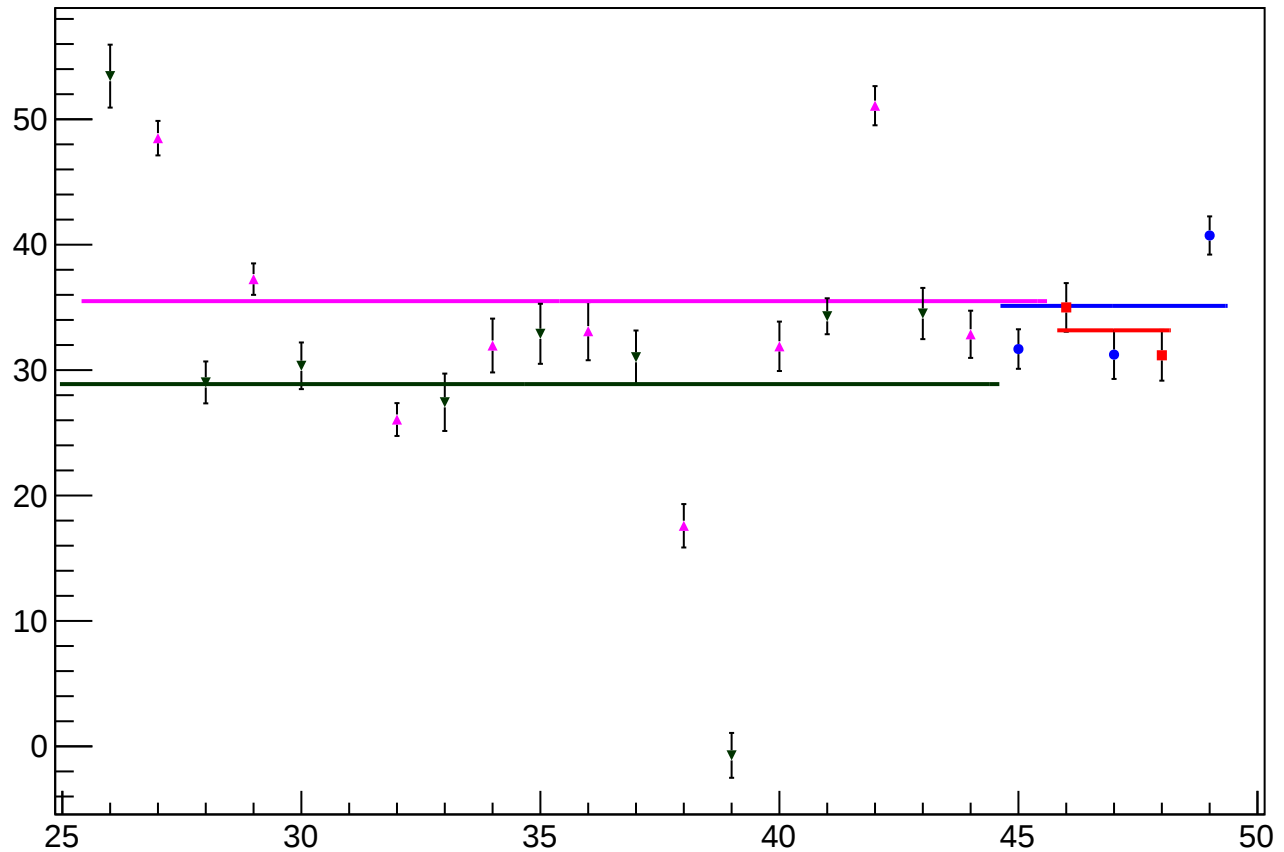
Right Out: -131.547+/-1.786 χ^2 /NDF: 222.6/1

Left In: -63.663+/-0.734 χ^2 /NDF: 4921.5/8

-99.608+/-0.704 χ^2 /NDF: 8176.3/11

-73.464+/-0.679 χ^2 /NDF: 6379.9/10

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 35.121+/-0.954 χ^2/NDF : 22.4/2

Left Out: 28.884+/-0.641 χ^2/NDF : 396.4/8

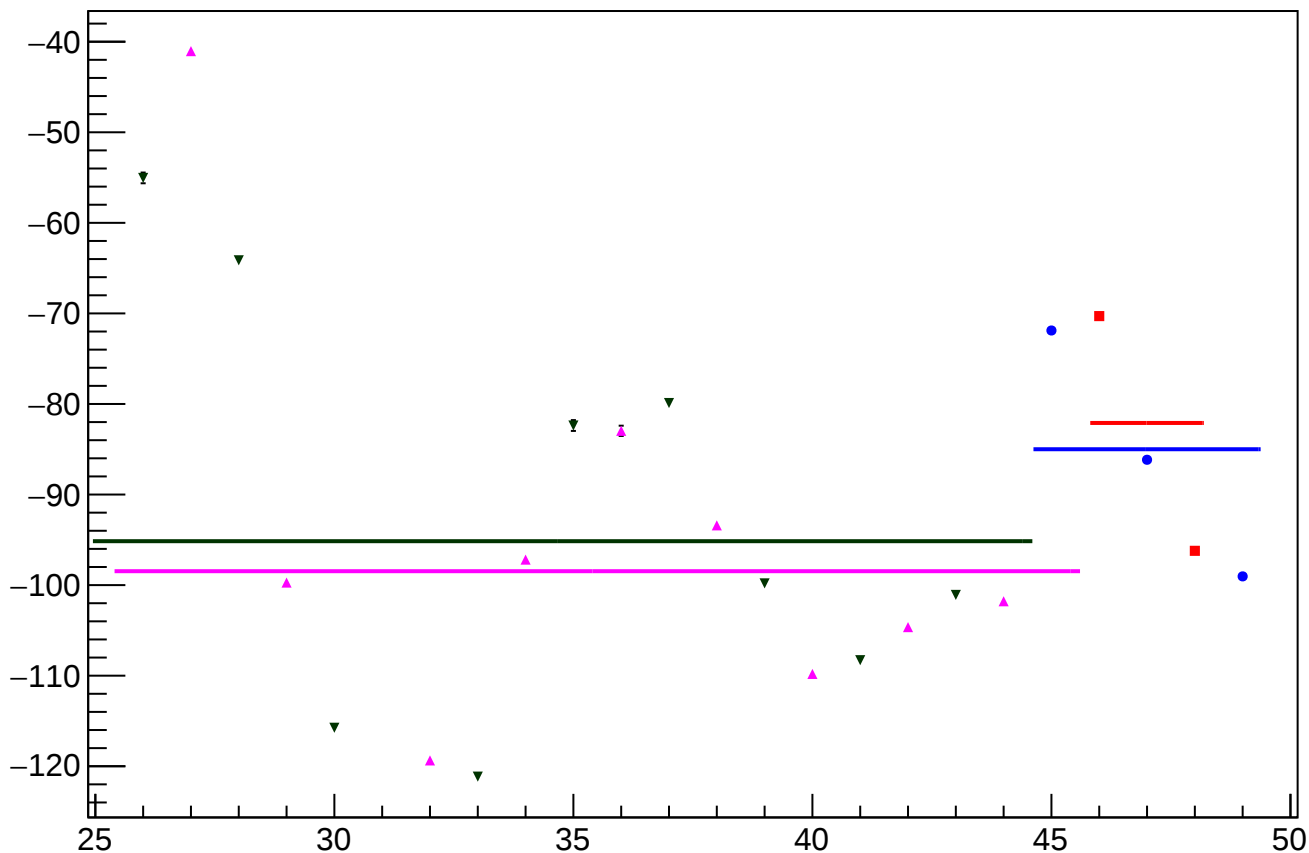
Right Out: 33.171+/-1.400 χ^2/NDF : 1.9/1

Left In: 35.499+/-0.540 χ^2/NDF : 358.9/8

30.826+/-0.532 χ^2/NDF : 448.2/11

35.197+/-0.503 χ^2/NDF : 363.2/10

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -84.998 $\pm$ 0.216 χ^2 /NDF: 2833.7/2

Left Out: -95.151 $\pm$ 0.144 χ^2 /NDF:20300.2/8

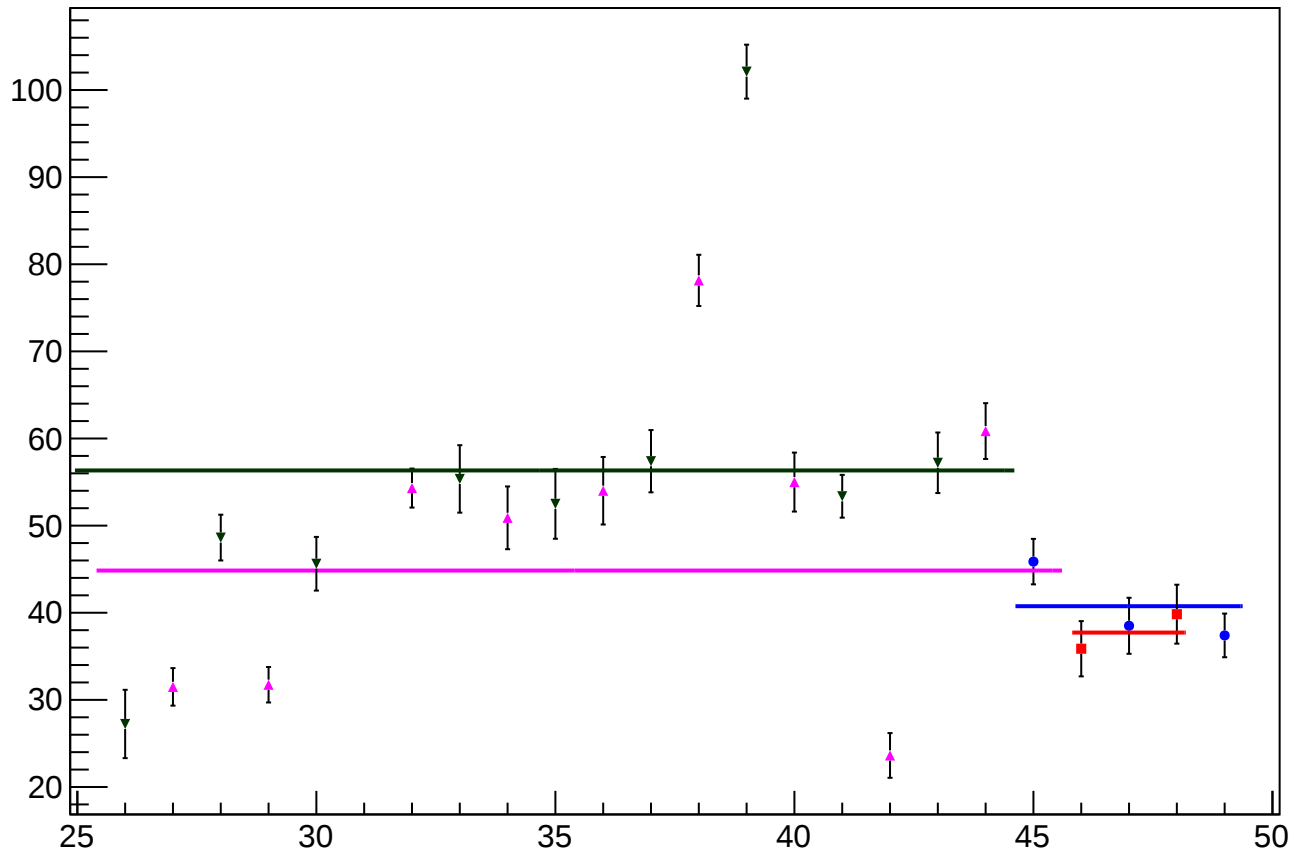
Right Out: -82.095 $\pm$ 0.294 χ^2 /NDF: 1925.3/1

Left In: -98.464 $\pm$ 0.125 χ^2 /NDF:31724.1/8

-92.026 $\pm$ 0.120 χ^2 /NDF: 24658.9/11

-95.974 $\pm$ 0.115 χ^2 /NDF: 36275.3/10

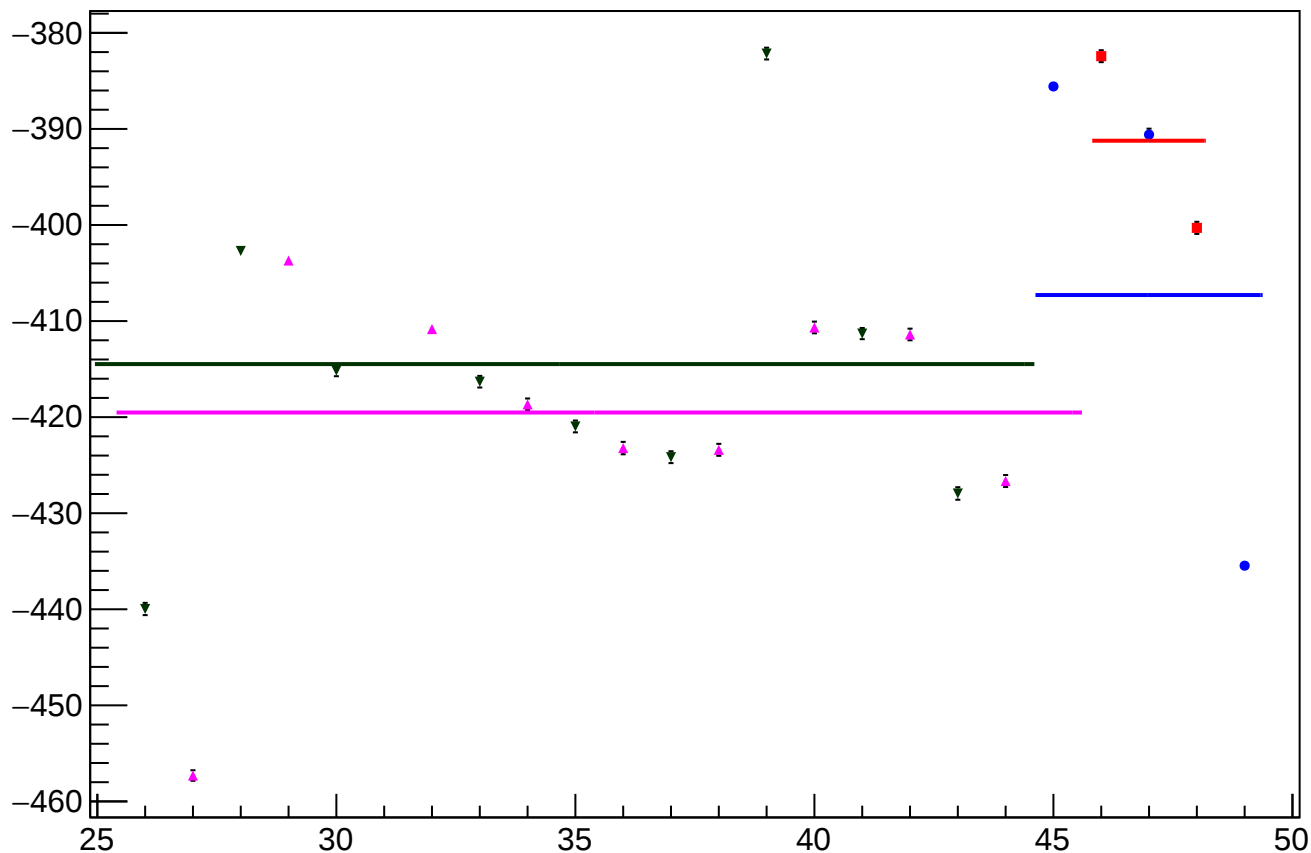
reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 40.752 ± 1.576 $\chi^2/\text{NDF}: 6.1/2$
 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 $\chi^2/\text{NDF}: 337.0/8$

51.423 ± 0.884 $\chi^2/\text{NDF}: 370.0/11$
 43.921 ± 0.833 $\chi^2/\text{NDF}: 346.0/10$

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -407.290+/-0.307 χ^2/NDF : 5912.8/2

Left Out: -414.478+/-0.199 χ^2/NDF : 5731.0/8

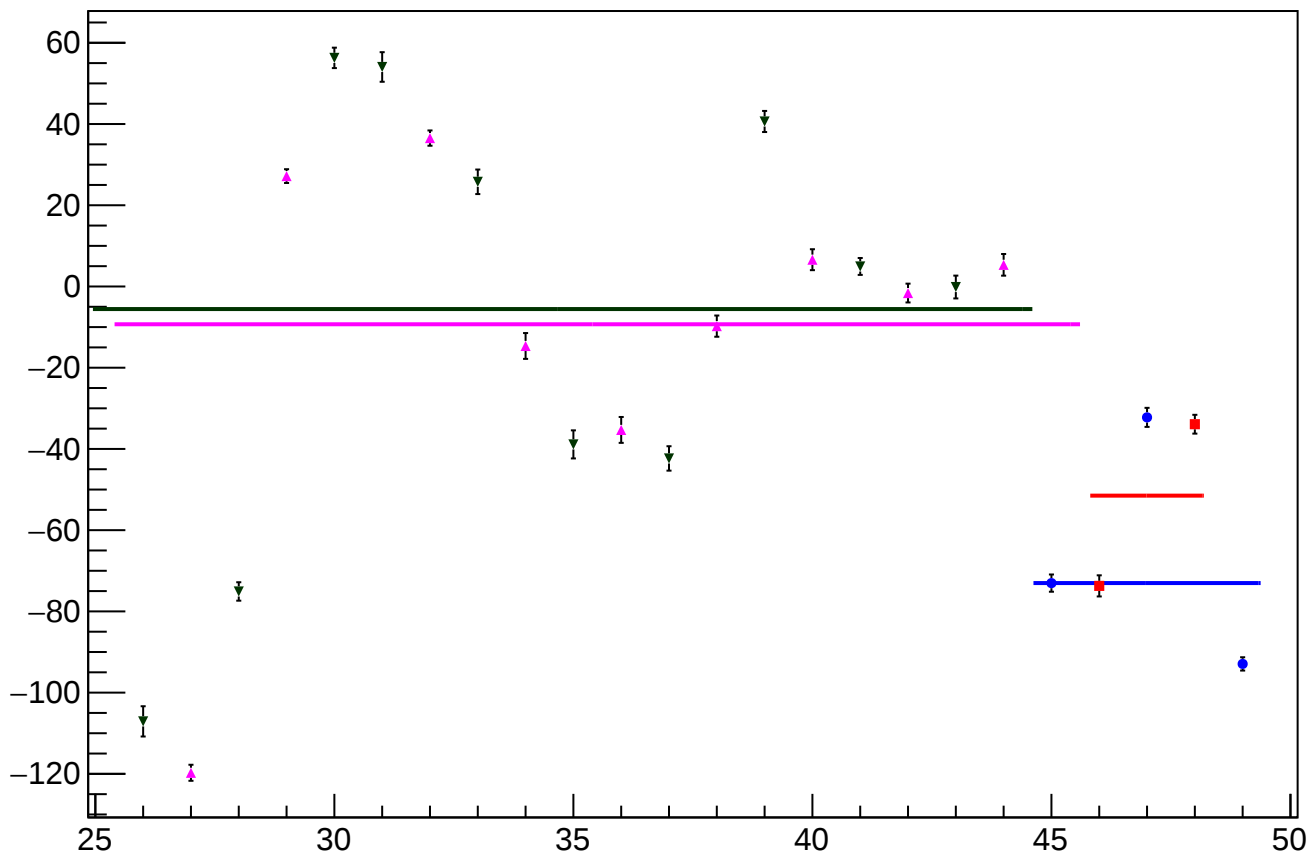
Right Out: -391.226+/-0.444 χ^2/NDF : 404.6/1

Left In: -419.518+/-0.188 χ^2/NDF : 6841.3/8

-412.350+/-0.167 χ^2/NDF : 12030.1/11

-415.205+/-0.173 χ^2/NDF : 10683.9/10

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -73.023 ± 1.135 χ^2/NDF : 450.3/2

Left Out: -5.557 ± 0.874 χ^2/NDF : 3249.1/9

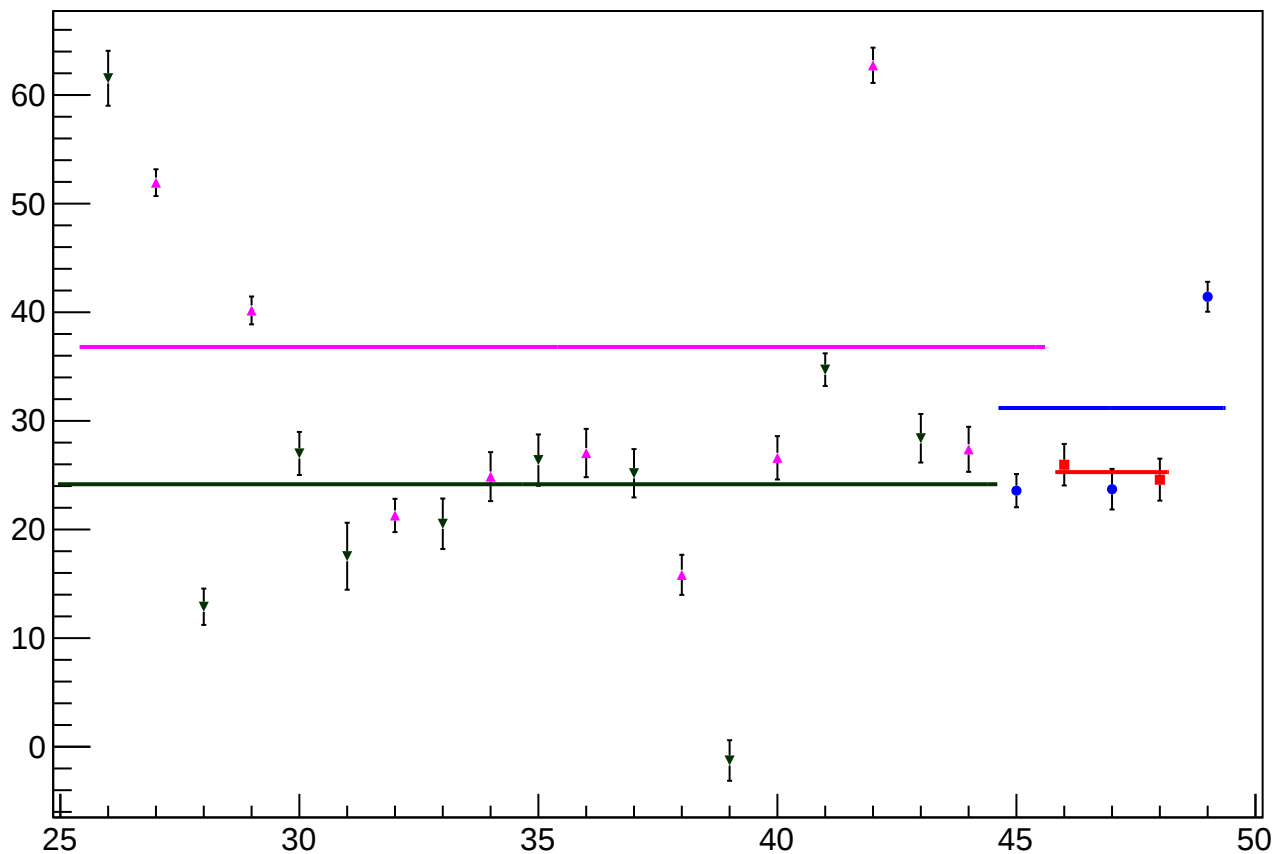
Right Out: -51.498 ± 1.729 χ^2/NDF : 130.7/1

Left In: -9.304 ± 0.765 χ^2/NDF : 4334.5/8

-30.671 ± 0.692 χ^2/NDF : 5918.2/12

-16.212 ± 0.700 χ^2/NDF : 4962.9/10

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 31.186 $\pm$ 0.897 χ^2 /NDF: 96.3/2

Left Out: 24.167 $\pm$ 0.649 χ^2 /NDF: 512.5/9

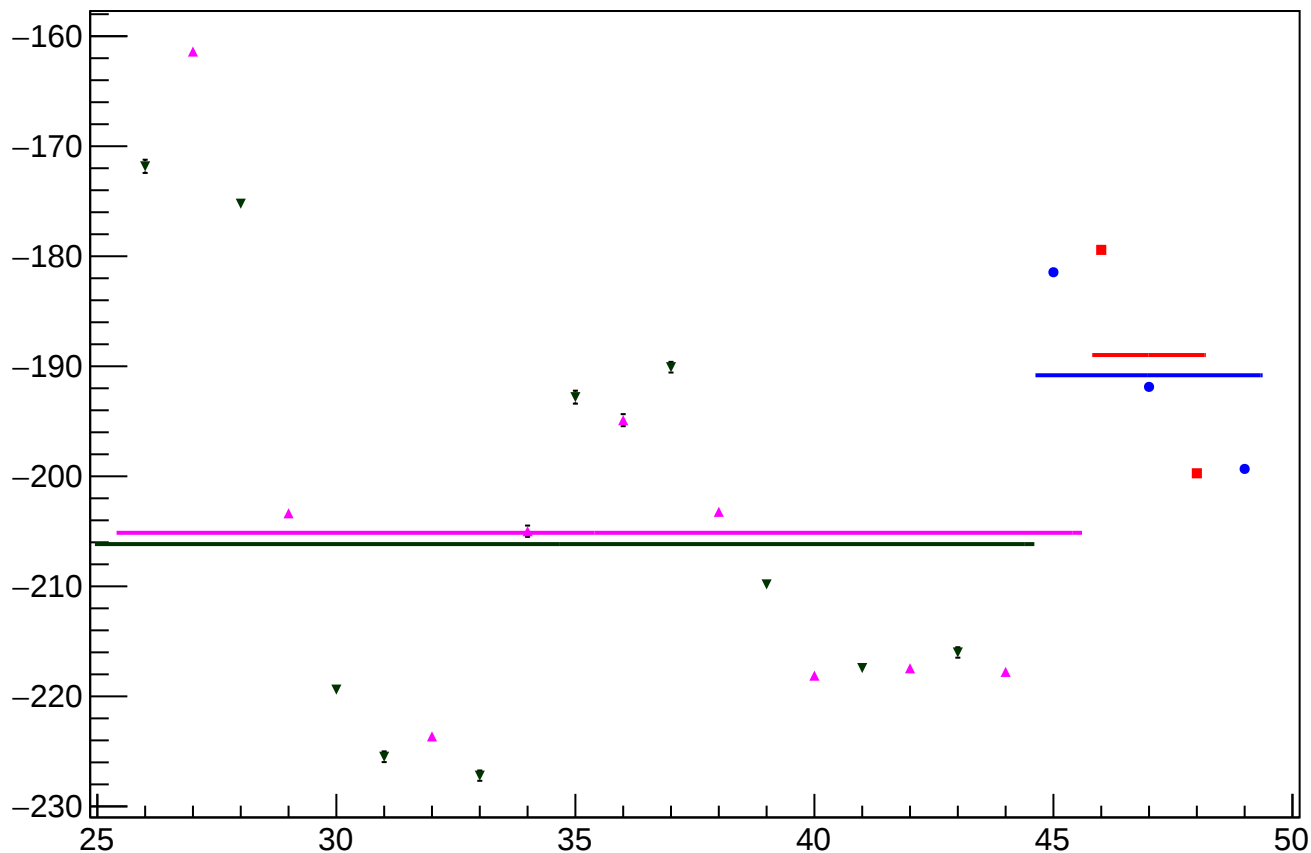
Right Out: 25.284 $\pm$ 1.359 χ^2 /NDF: 0.3/1

Left In: 36.806 $\pm$ 0.555 χ^2 /NDF: 738.7/8

26.583 $\pm$ 0.526 χ^2 /NDF: 649.0/12

35.159 $\pm$ 0.514 χ^2 /NDF: 800.6/10

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -190.817+/-0.204 χ^2/NDF : 1410.2/2

Left Out: -206.161+/-0.144 χ^2/NDF : 16990.9/9

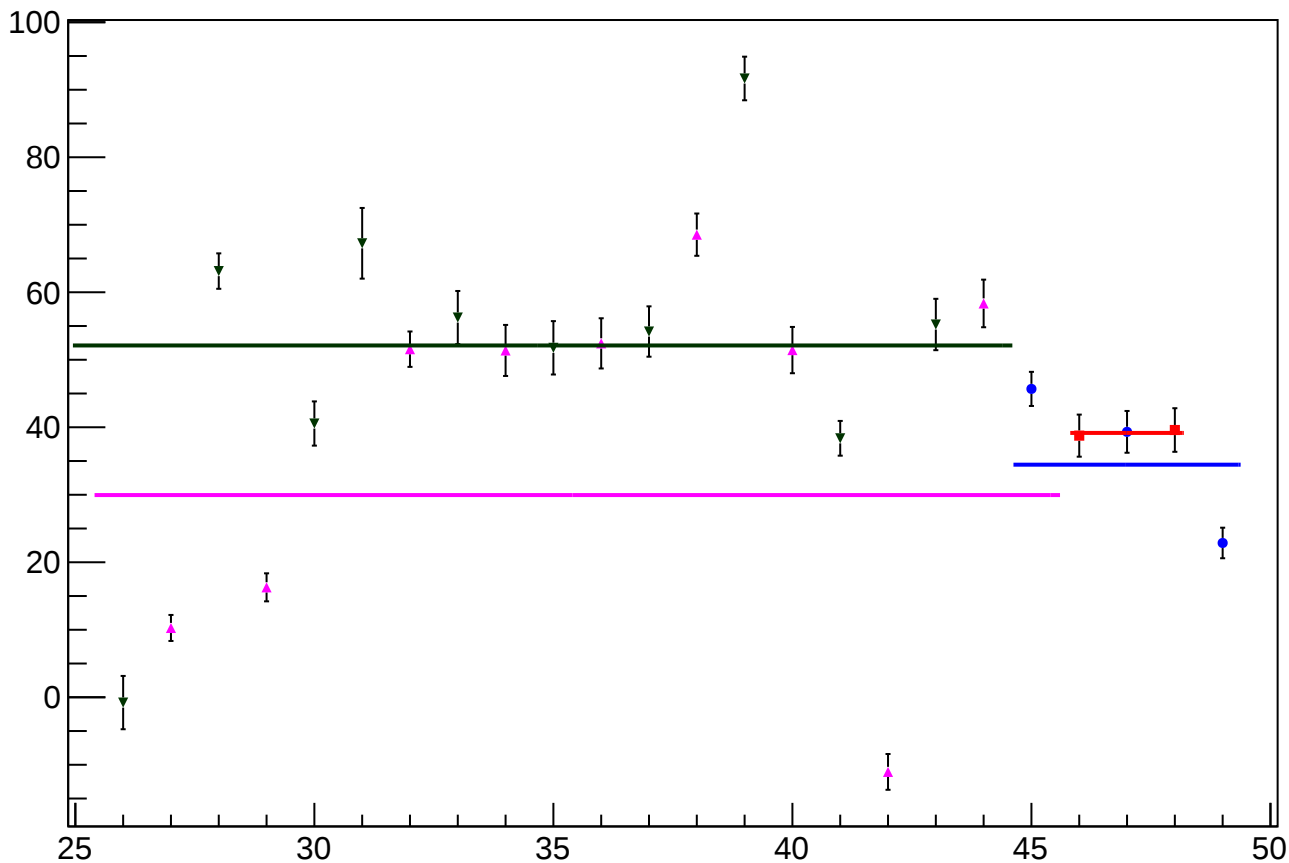
Right Out: -188.977+/-0.286 χ^2/NDF : 1254.0/1

Left In: -205.134+/-0.132 χ^2/NDF : 22564.1/8

-201.054+/-0.118 χ^2/NDF : 22168.3/12

-202.315+/-0.120 χ^2/NDF : 26448.6/10

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 34.456 ± 1.481 $\chi^2/\text{NDF}: 48.5/2$

Left Out: 52.118 ± 1.081 $\chi^2/\text{NDF}: 398.5/9$

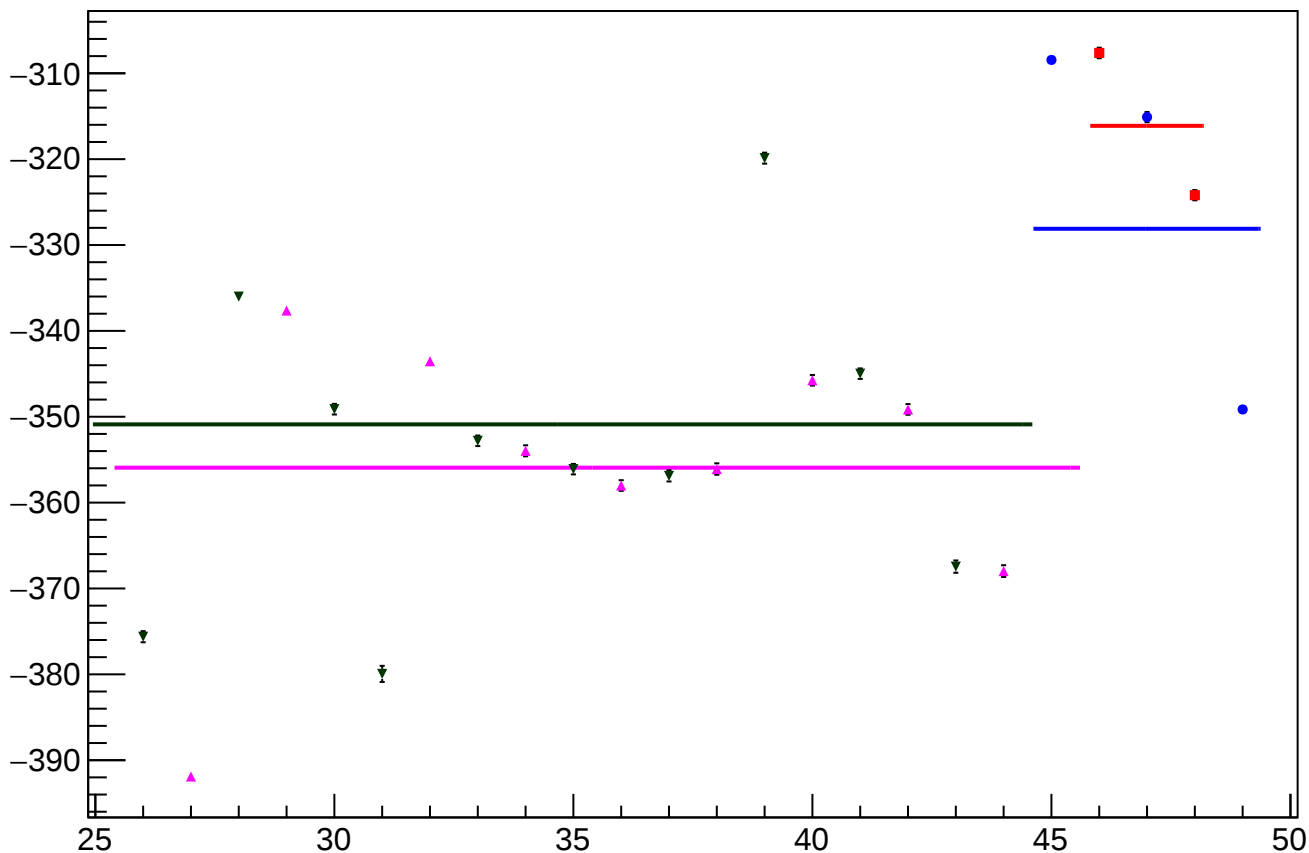
Right Out: 39.161 ± 2.243 $\chi^2/\text{NDF}: 0.0/1$

Left In: 29.956 ± 0.913 $\chi^2/\text{NDF}: 779.4/8$

45.975 ± 0.873 $\chi^2/\text{NDF}: 539.8/12$

31.265 ± 0.846 $\chi^2/\text{NDF}: 793.8/10$

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -328.109 ± 0.288 χ^2/NDF : 4364.4/2

Left Out: -350.887 ± 0.200 χ^2/NDF : 6484.7/9

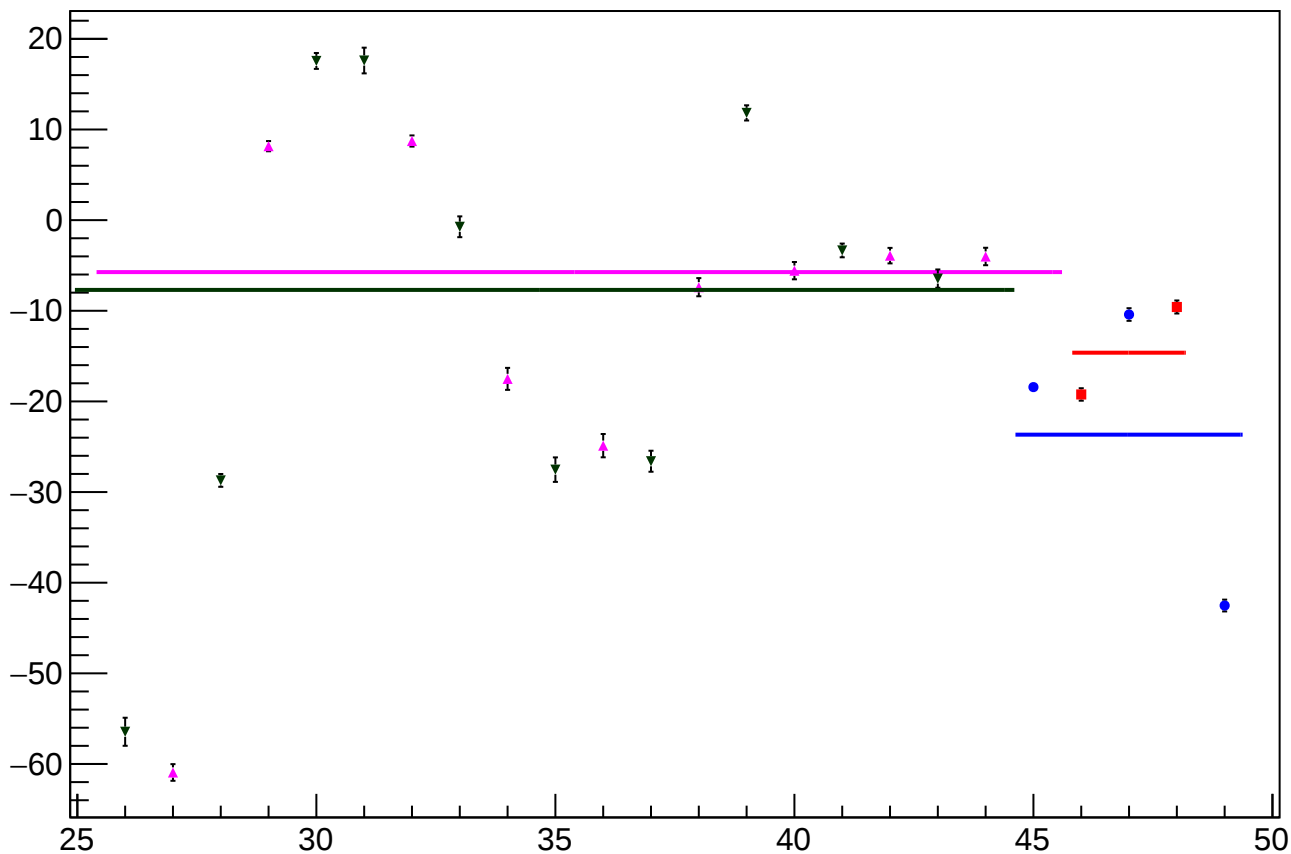
Right Out: -316.119 ± 0.428 χ^2/NDF : 374.3/1

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.4/8

-343.470 ± 0.164 χ^2/NDF : 15077.6/12

-349.147 ± 0.177 χ^2/NDF : 15486.1/10

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -23.667 ± 0.361 χ^2/NDF : 1287.0/2

Left Out: -7.698 ± 0.310 χ^2/NDF : 4119.4/9

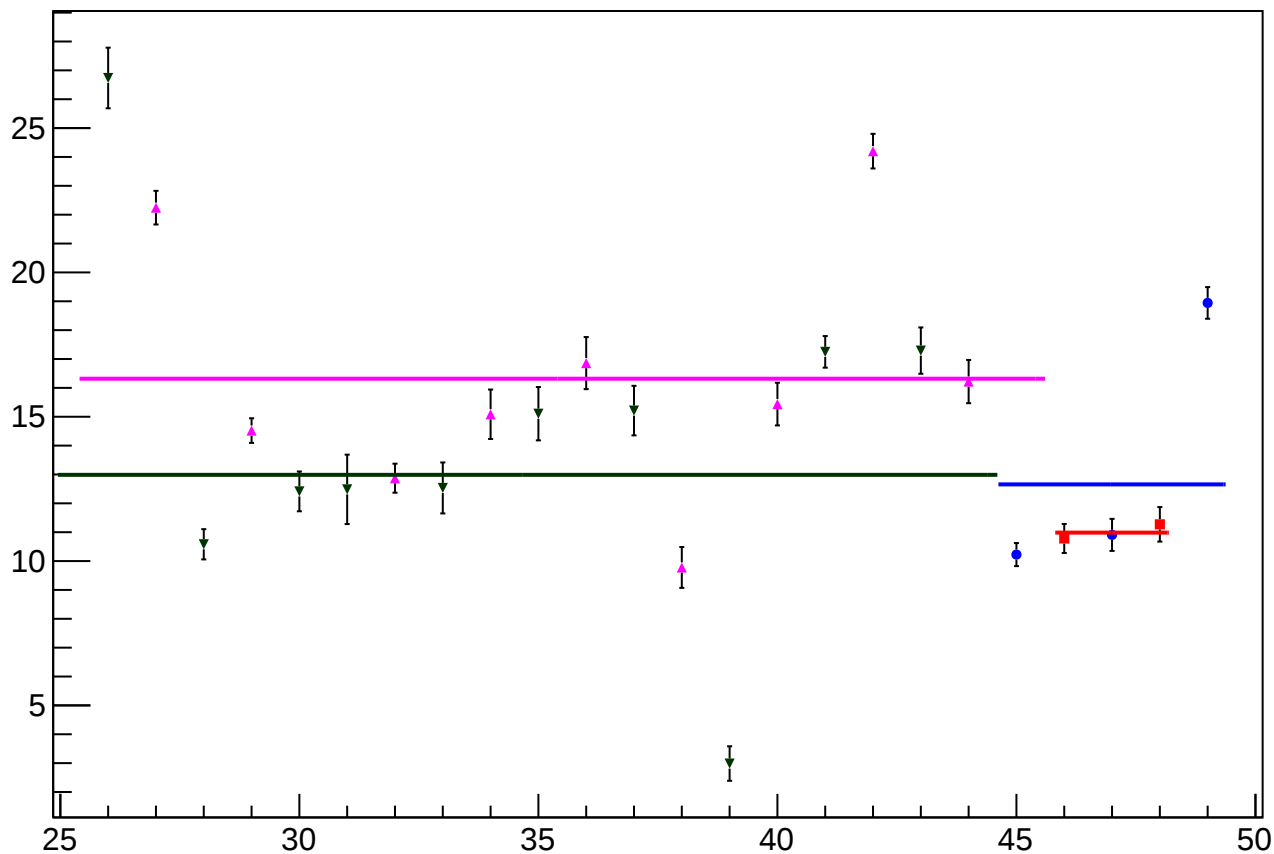
Right Out: -14.624 ± 0.497 χ^2/NDF : 94.1/1

Left In: -5.733 ± 0.279 χ^2/NDF : 5095.9/8

-14.464 ± 0.235 χ^2/NDF : 6531.7/12

-7.870 ± 0.244 χ^2/NDF : 5433.3/10

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.657 ± 0.279 $\chi^2/\text{NDF}: 178.5/2$

Left Out: 12.987 ± 0.230 $\chi^2/\text{NDF}: 575.0/9$

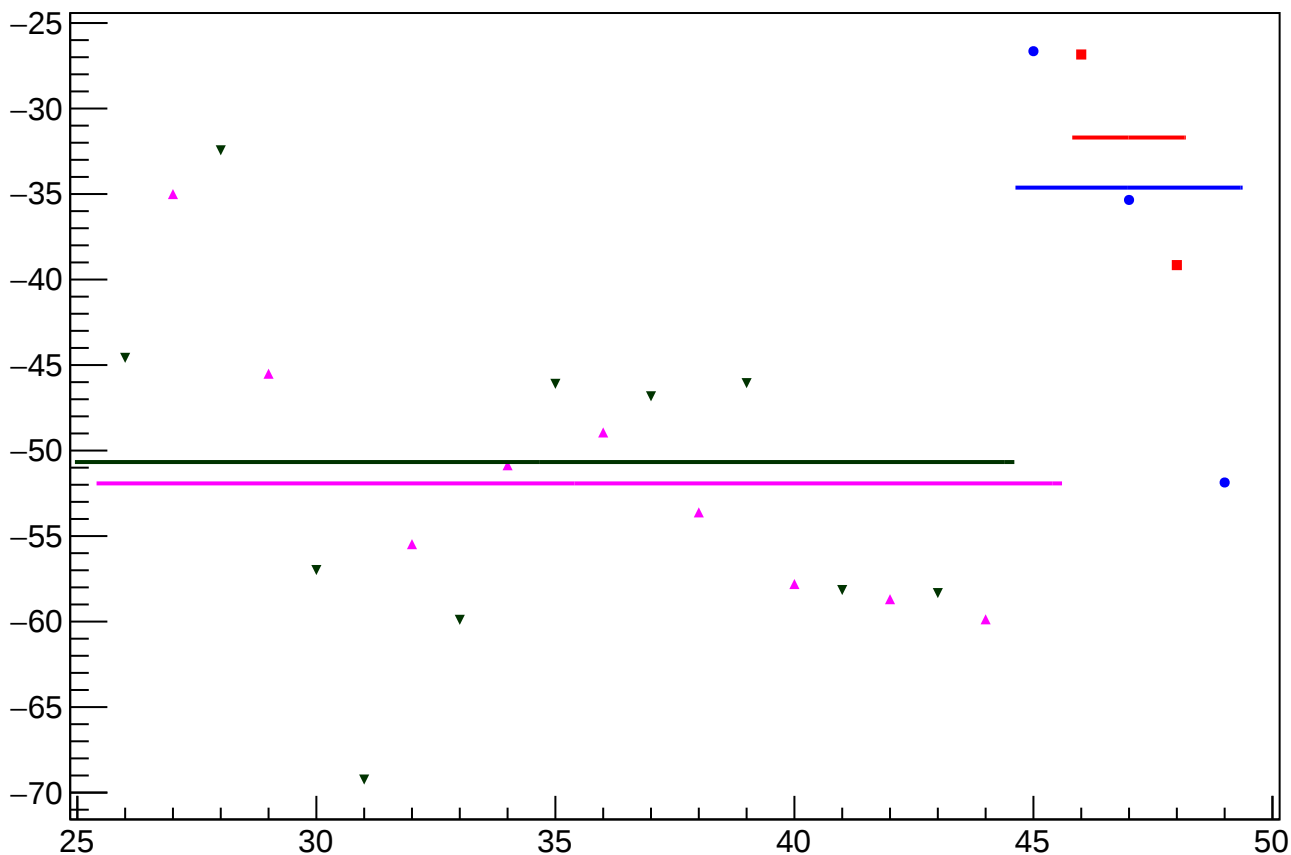
Right Out: 10.986 ± 0.385 $\chi^2/\text{NDF}: 0.4/1$

Left In: 16.318 ± 0.207 $\chi^2/\text{NDF}: 430.3/8$

12.853 ± 0.178 $\chi^2/\text{NDF}: 754.3/12$

15.123 ± 0.182 $\chi^2/\text{NDF}: 579.6/10$

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.625 $\pm$ 0.063 χ^2 /NDF: 24613.8/2

Left Out: -50.671 $\pm$ 0.051 χ^2 /NDF: 44323.0/9

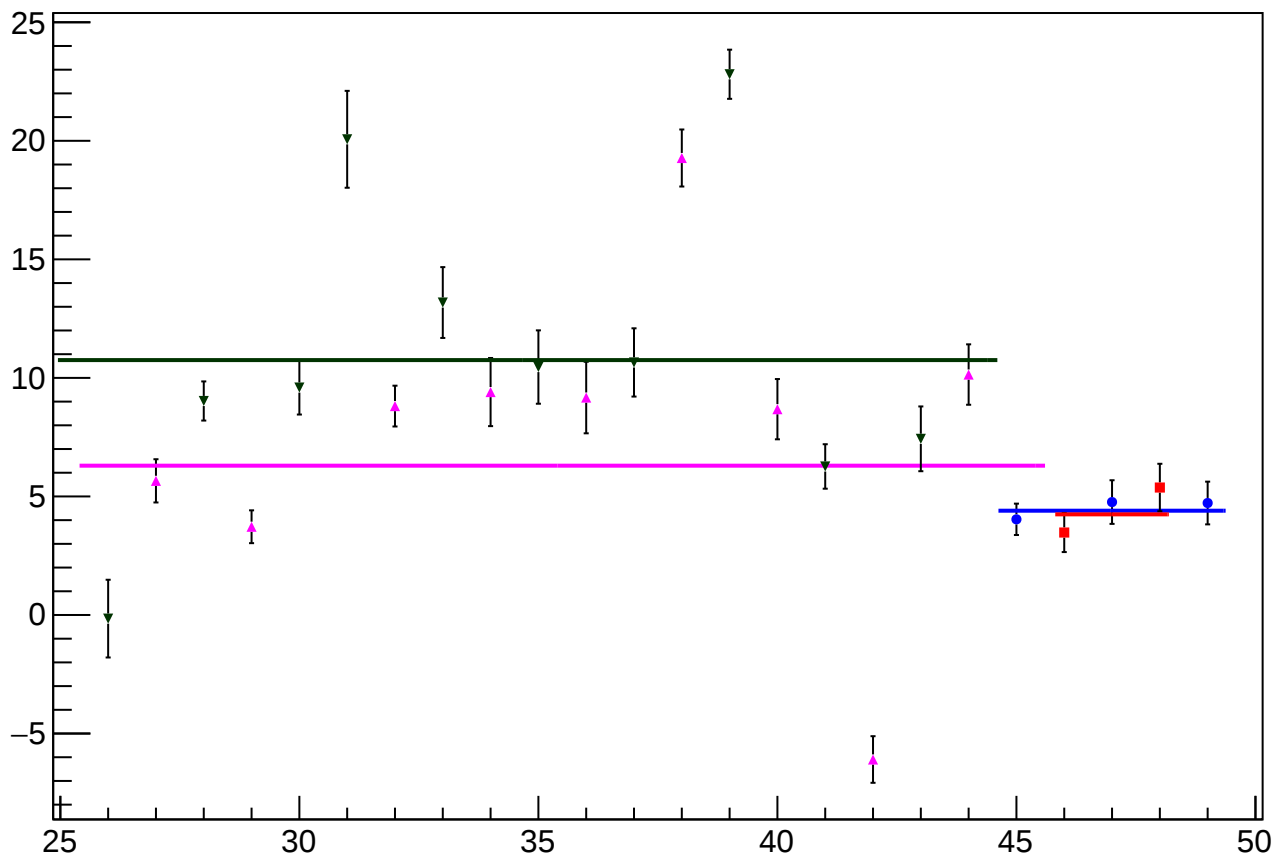
Right Out: -31.696 $\pm$ 0.081 χ^2 /NDF: 5551.7/1

Left In: -51.920 $\pm$ 0.048 χ^2 /NDF: 21764.1/8

-44.226 $\pm$ 0.040 χ^2 /NDF: 108257.9/12

-46.666 $\pm$ 0.041 χ^2 /NDF: 73728.0/10

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.398 $\pm$ 0.461 χ^2 /NDF: 0.6/2

Left Out: 10.751 $\pm$ 0.383 χ^2 /NDF: 237.1/9

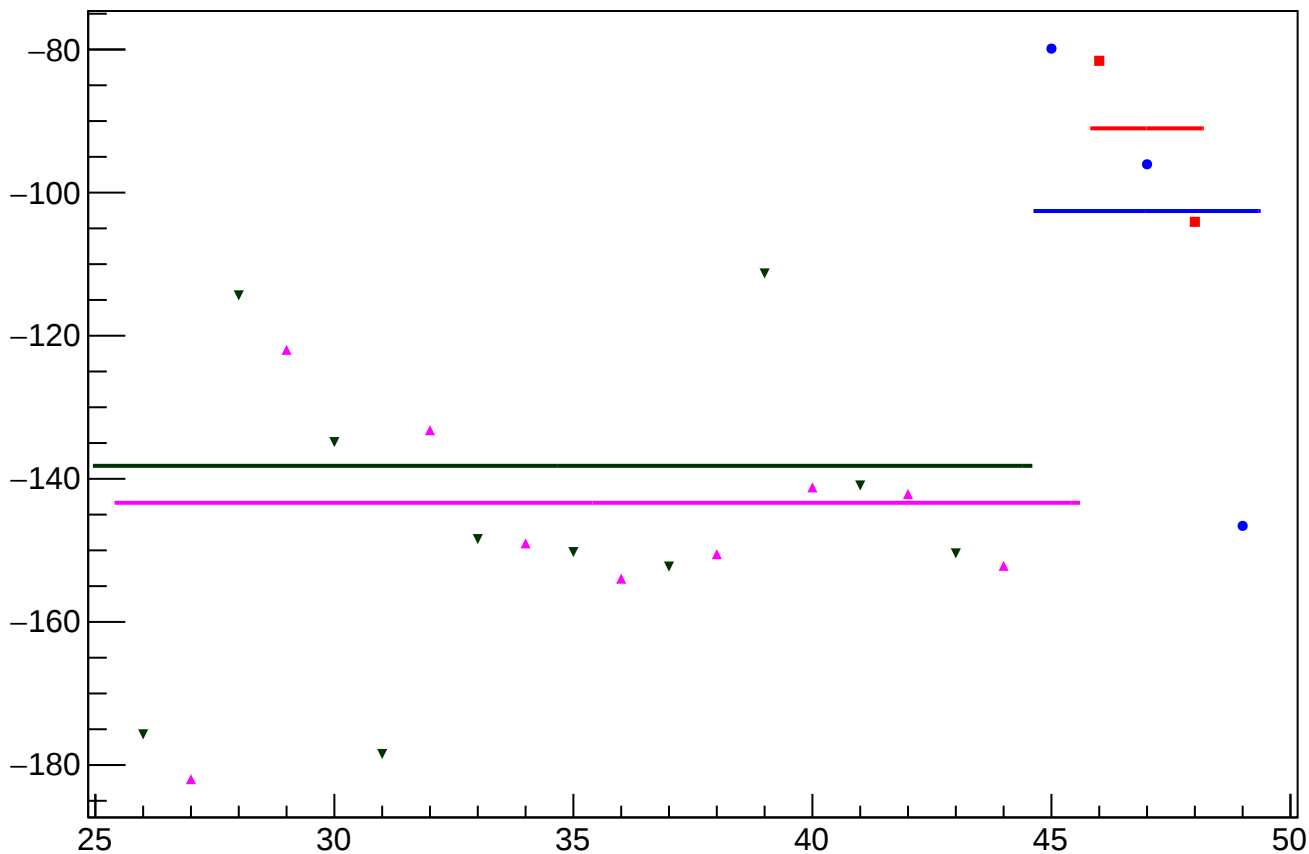
Right Out: 4.244 $\pm$ 0.637 χ^2 /NDF: 2.1/1

Left In: 6.298 $\pm$ 0.343 χ^2 /NDF: 319.2/8

8.156 $\pm$ 0.295 χ^2 /NDF: 349.8/12

5.837 $\pm$ 0.302 χ^2 /NDF: 329.4/10

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -102.572+/-0.090 χ^2/NDF : 96096.7/2

Left Out: -124.436+/-0.056 χ^2/NDF : 273424.8/12

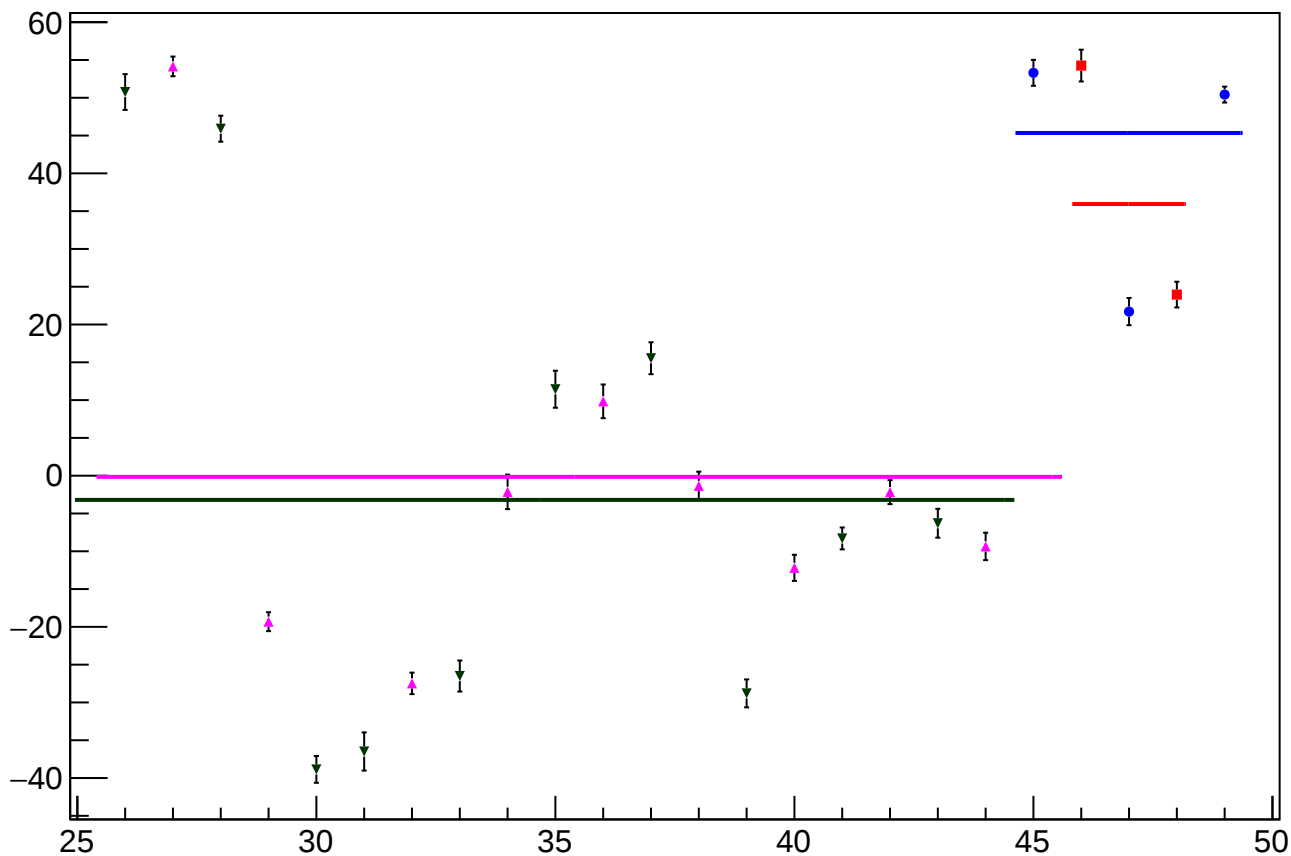
Right Out: -91.020+/-0.123 χ^2/NDF : 8092.0/1

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-124.436+/-0.056 χ^2/NDF : 273424.8/12

-130.084+/-0.062 χ^2/NDF : 197265.3/10

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 45.341+/-0.804 χ^2/NDF : 216.5/2

Left Out: -3.202+/-0.613 χ^2/NDF : 2363.4/9

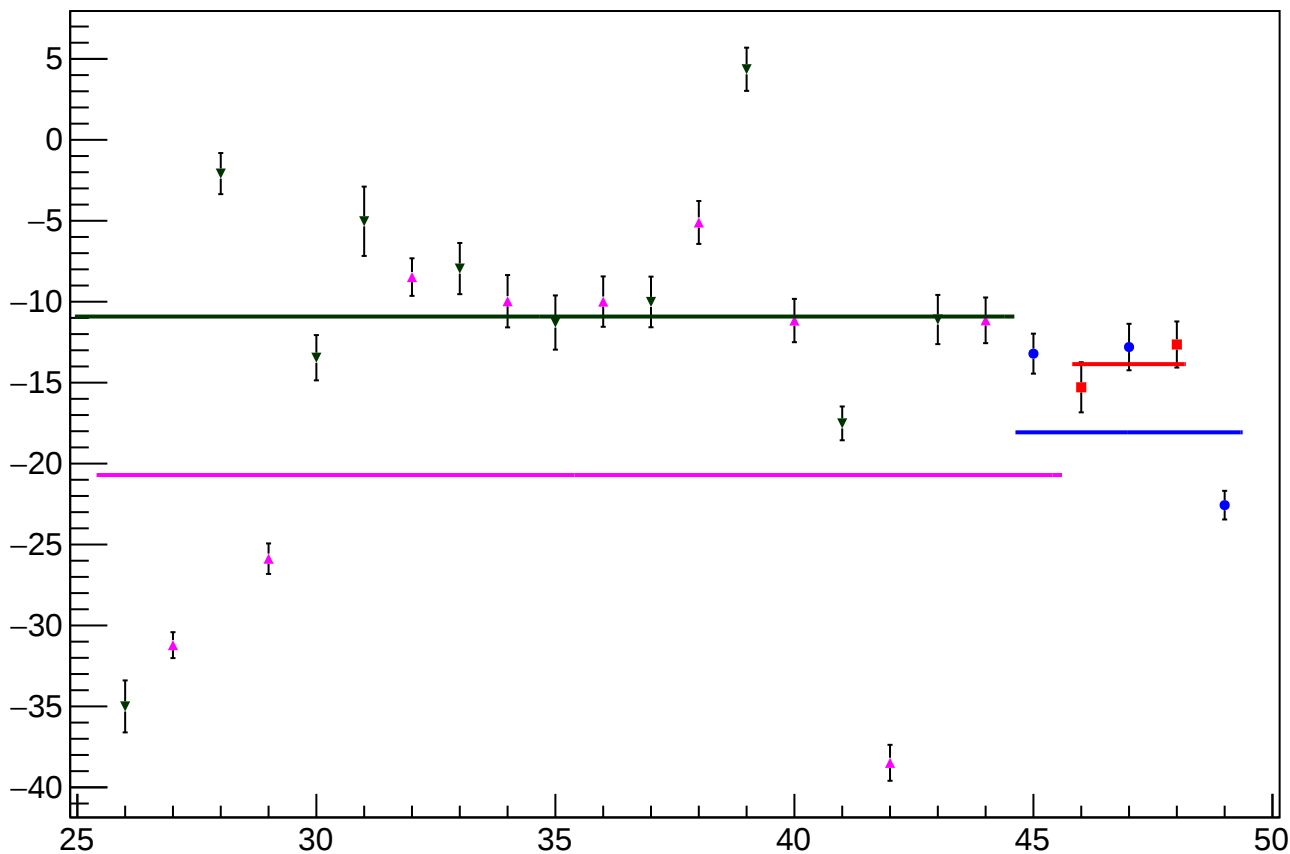
Right Out: 35.939+/-1.323 χ^2/NDF : 125.4/1

Left In: -0.152+/-0.540 χ^2/NDF : 2441.2/8

14.623+/-0.487 χ^2/NDF : 4885.0/12

4.994+/-0.500 χ^2/NDF : 3204.6/10

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -18.069 ± 0.643 $\chi^2/\text{NDF}: 54.8/2$

Left Out: -10.916 ± 0.456 $\chi^2/\text{NDF}: 459.2/9$

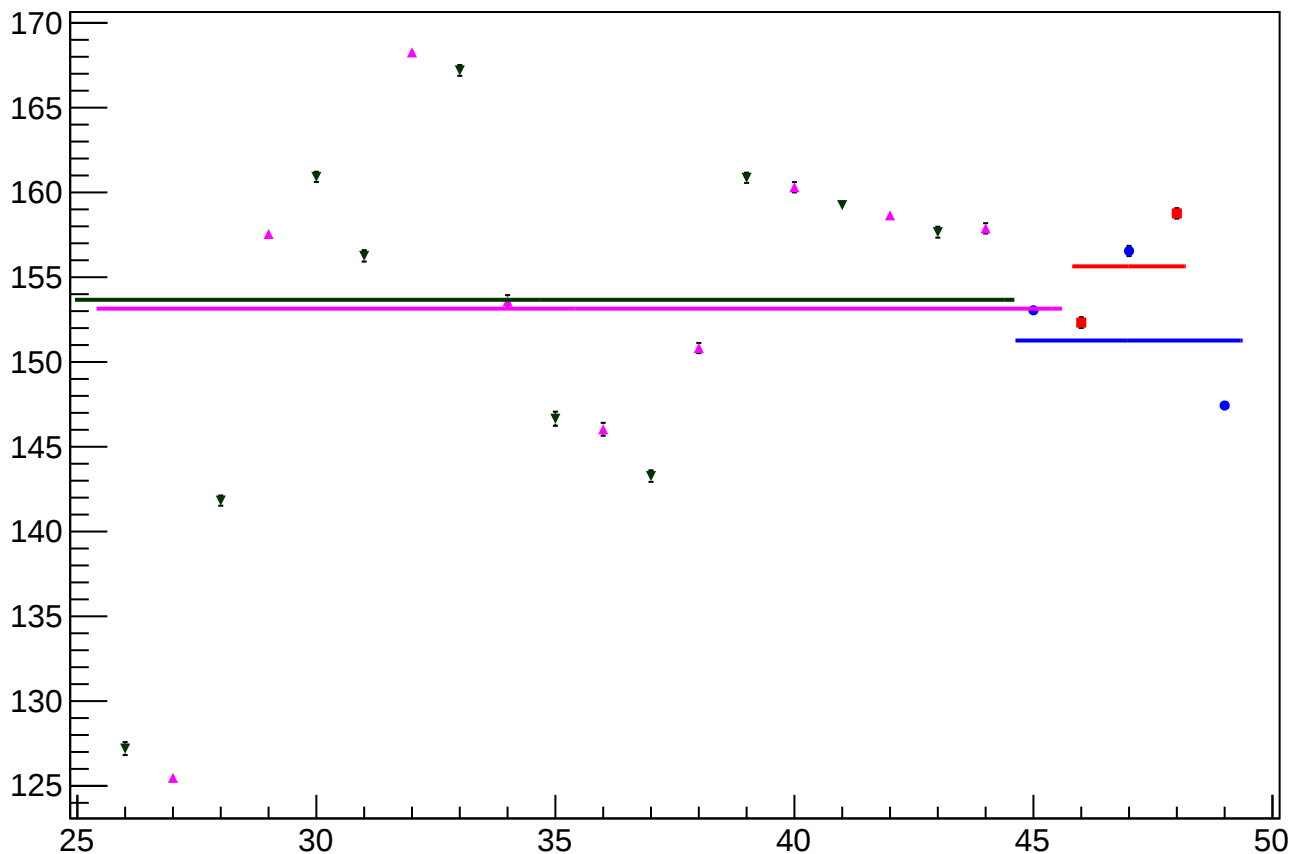
Right Out: -13.856 ± 1.048 $\chi^2/\text{NDF}: 1.6/1$

Left In: -20.706 ± 0.387 $\chi^2/\text{NDF}: 896.2/8$

-13.306 ± 0.372 $\chi^2/\text{NDF}: 596.3/12$

-19.882 ± 0.363 $\chi^2/\text{NDF}: 935.4/10$

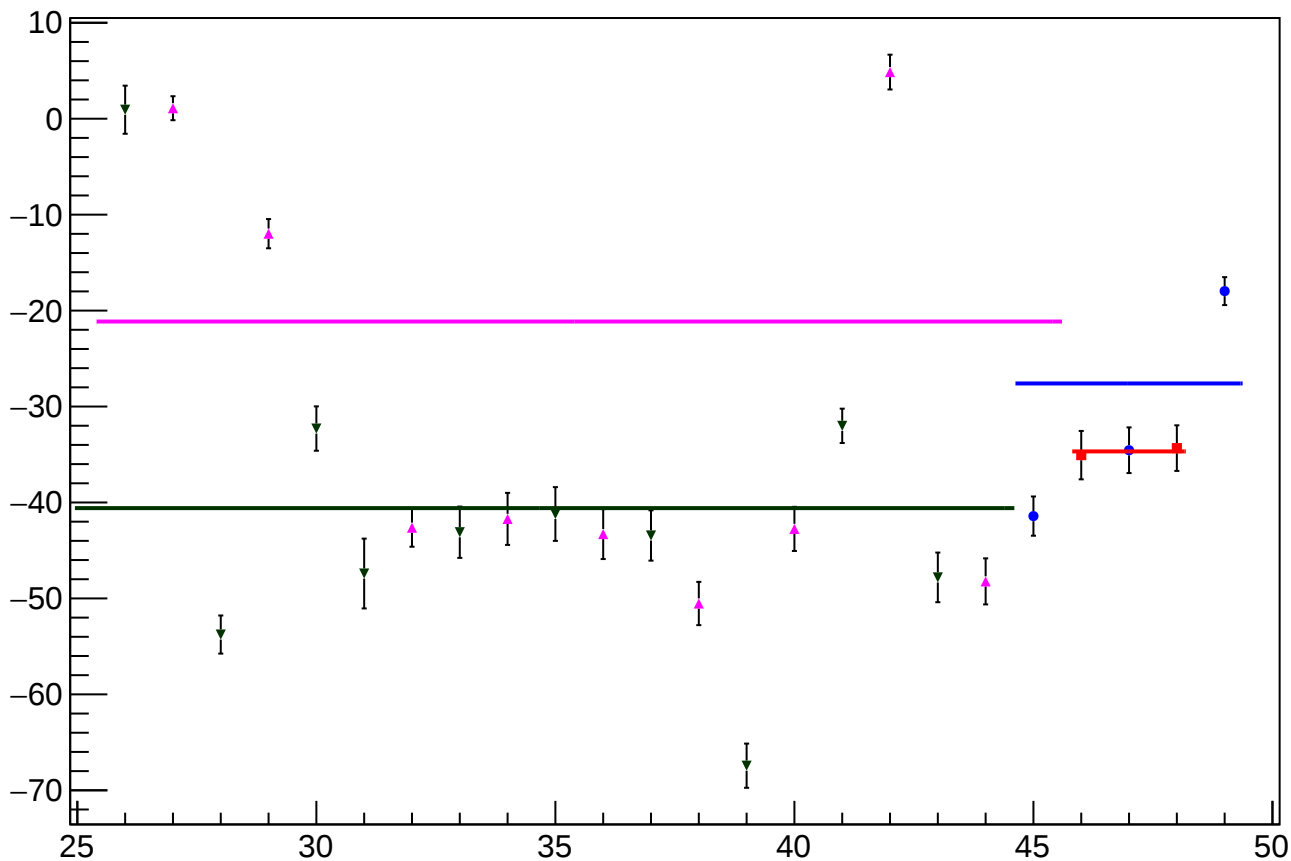
reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 151.266 ± 0.148 χ^2/NDF : 659.0/2
 Left Out: 153.668 ± 0.101 χ^2/NDF : 11181.3/9
 Right Out: 155.640 ± 0.222 χ^2/NDF : 211.1/1
 Left In: 153.146 ± 0.093 χ^2/NDF : 20805.5/8

152.906 ± 0.083 χ^2/NDF : 12019.7/12
 153.521 ± 0.086 χ^2/NDF : 21124.3/10

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -27.595 ± 1.062 $\chi^2/\text{NDF}: 98.0/2$

Left Out: -40.588 ± 0.759 $\chi^2/\text{NDF}: 503.5/9$

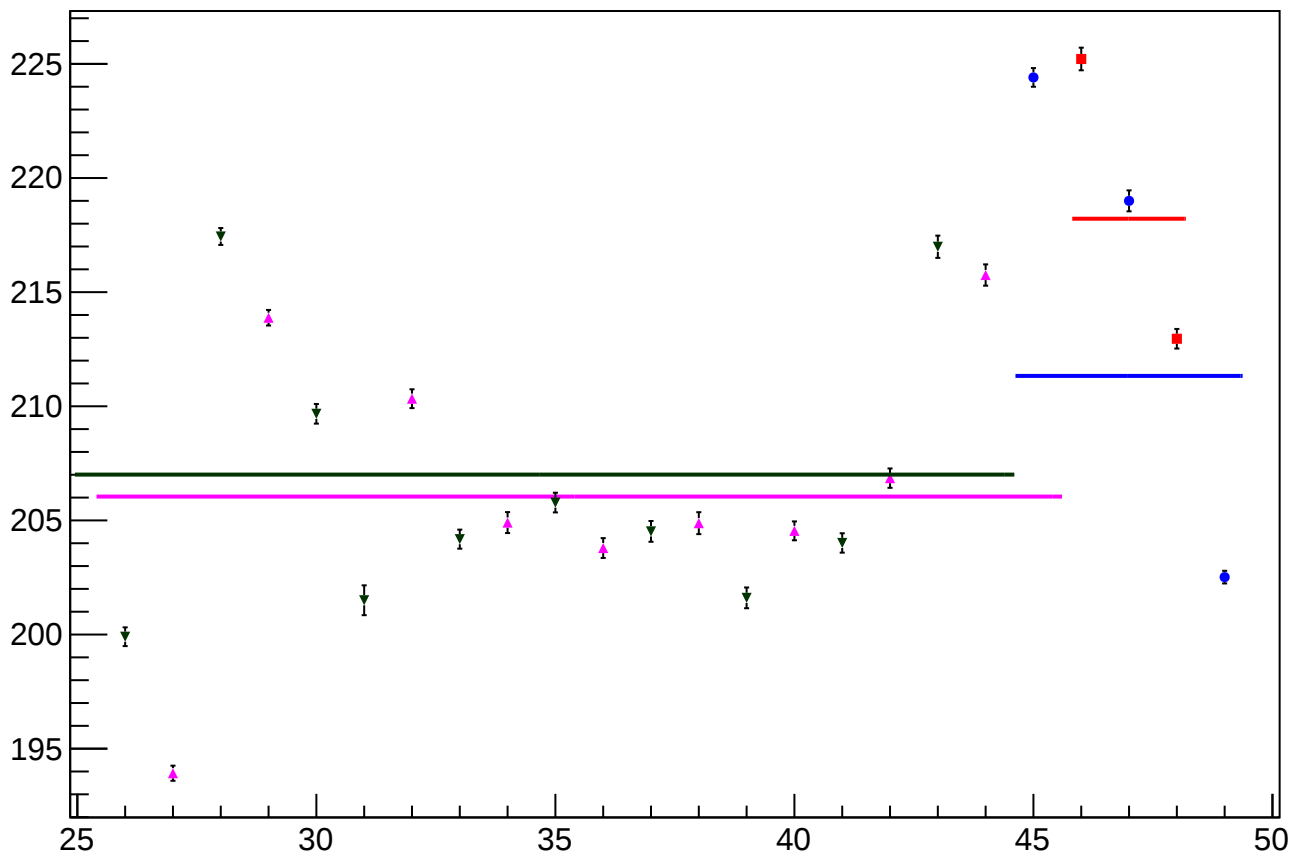
Right Out: -34.679 ± 1.730 $\chi^2/\text{NDF}: 0.0/1$

Left In: -21.140 ± 0.636 $\chi^2/\text{NDF}: 1191.2/8$

-36.197 ± 0.617 $\chi^2/\text{NDF}: 700.6/12$

-22.752 ± 0.597 $\chi^2/\text{NDF}: 1245.2/10$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 211.331 $\pm$ 0.205 χ^2 /NDF: 2312.7/2

Left Out: 207.007 $\pm$ 0.139 χ^2 /NDF:1896.8/9

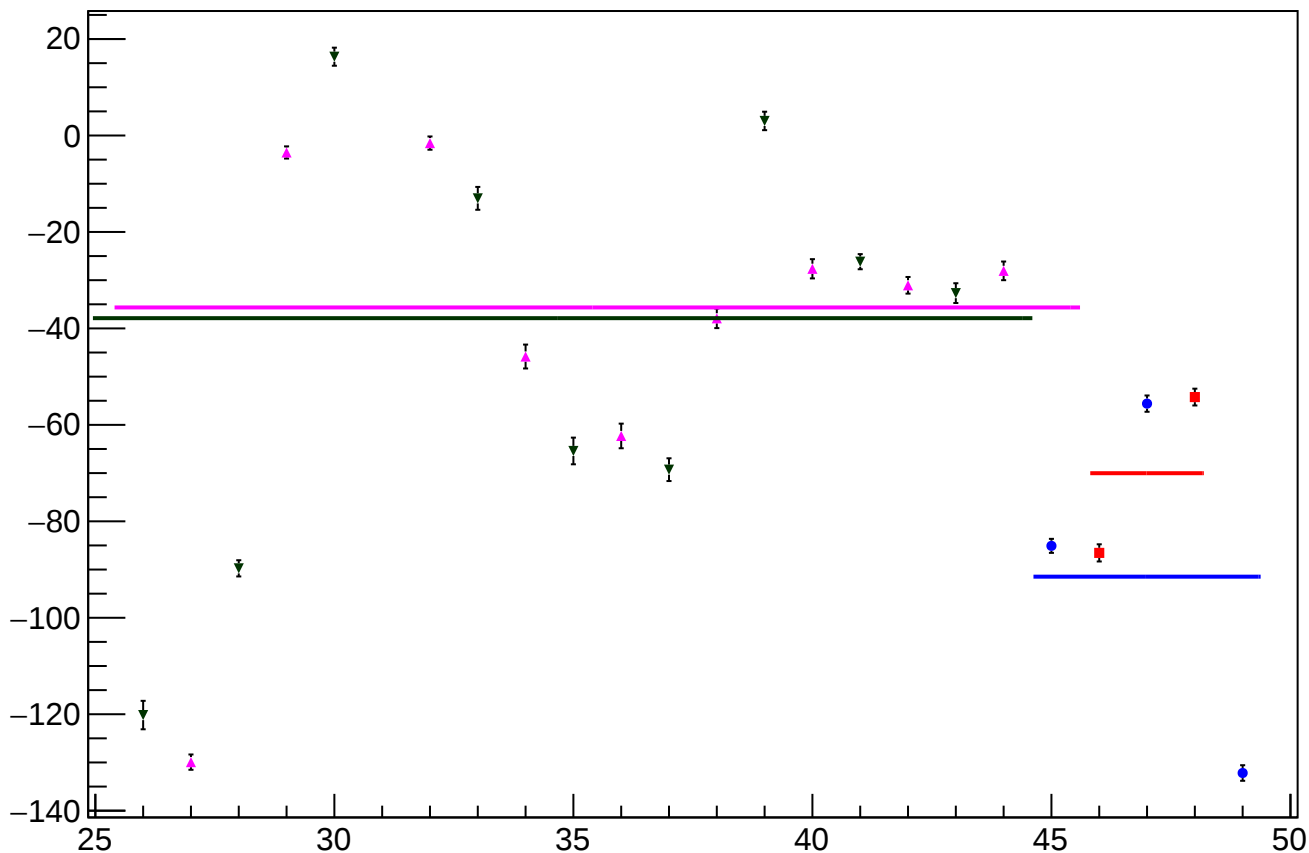
Right Out: 218.217 $\pm$ 0.325 χ^2 /NDF: 349.2/1

Left In: 206.045 $\pm$ 0.136 χ^2 /NDF:2460.3/8

208.371 $\pm$ 0.115 χ^2 /NDF: 4513.3/12

207.866 $\pm$ 0.126 χ^2 /NDF: 4005.1/10

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -91.475 ± 0.911 $\chi^2/\text{NDF}: 1104.3/2$

Left Out: -37.875 ± 0.681 $\chi^2/\text{NDF}: 3472.1/8$

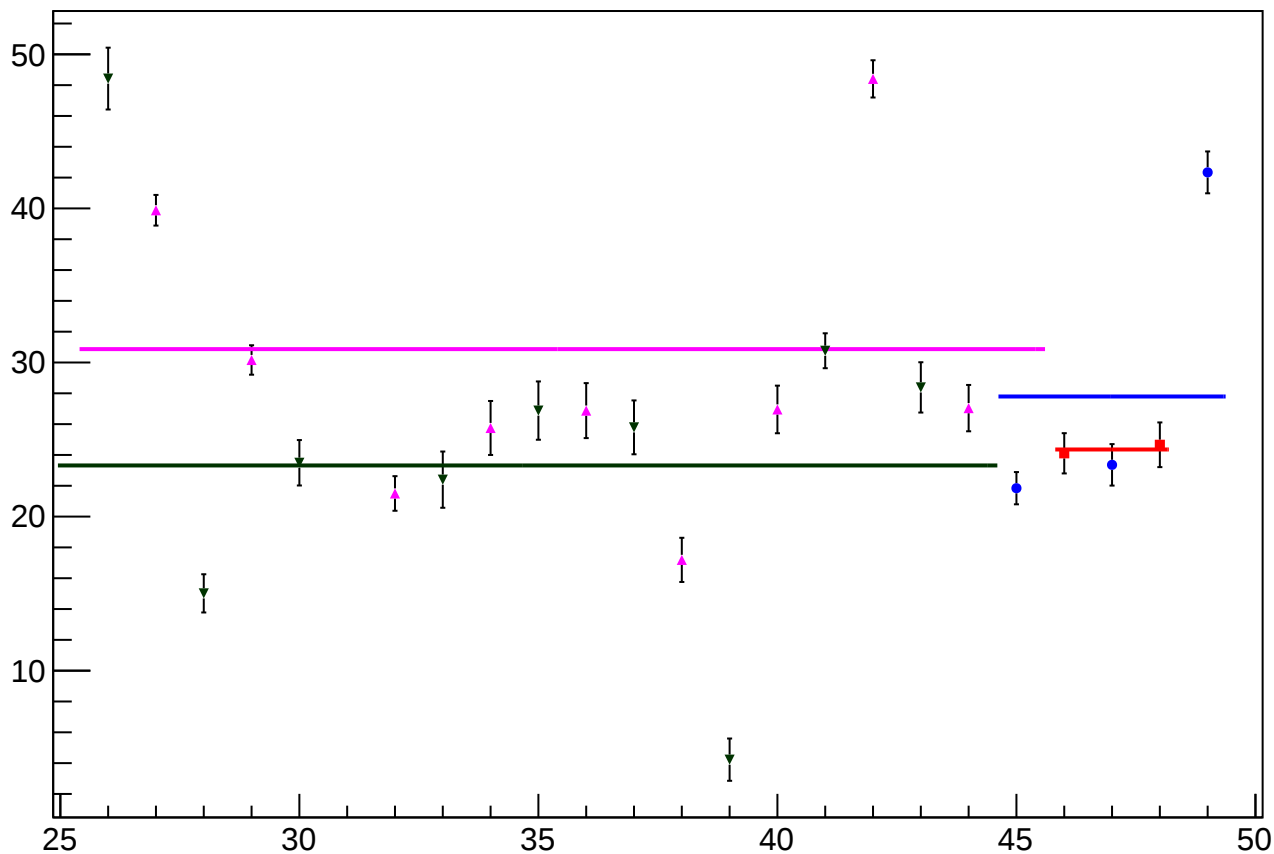
Right Out: -70.023 ± 1.245 $\chi^2/\text{NDF}: 168.2/1$

Left In: -35.653 ± 0.581 $\chi^2/\text{NDF}: 4958.4/8$

-57.088 ± 0.545 $\chi^2/\text{NDF}: 6798.7/11$

-41.793 ± 0.526 $\chi^2/\text{NDF}: 5752.4/10$

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 27.794+/-0.706 χ^2/NDF : 157.9/2

Left Out: 23.318+/-0.503 χ^2/NDF : 453.6/8

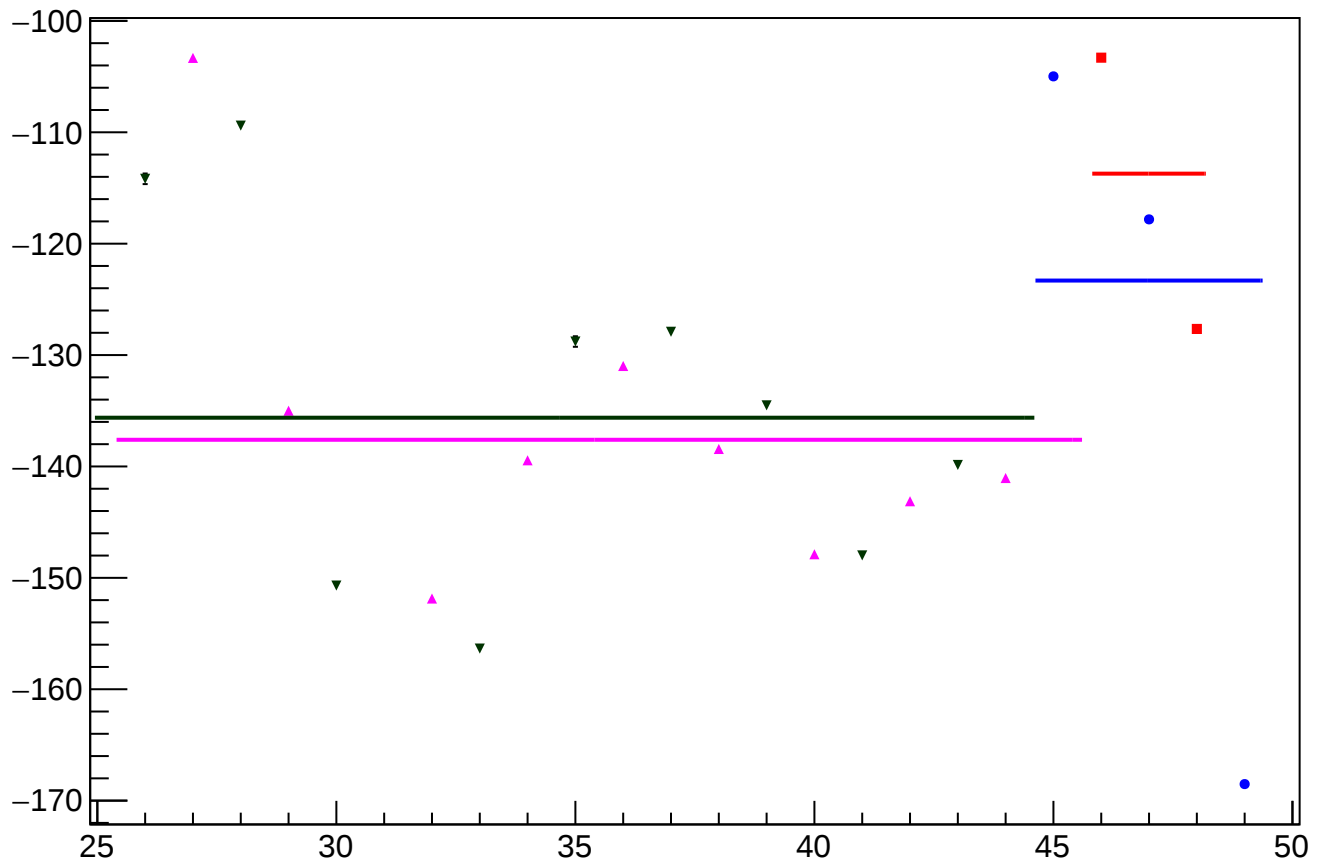
Right Out: 24.355+/-0.970 χ^2/NDF : 0.1/1

Left In: 30.868+/-0.424 χ^2/NDF : 480.3/8

24.826+/-0.410 χ^2/NDF : 638.2/11

29.826+/-0.388 χ^2/NDF : 518.2/10

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -123.311 $\pm$ 0.158 χ^2 /NDF: 25065.0/2

Left Out: -135.624 $\pm$ 0.114 χ^2 /NDF:18316.3/8

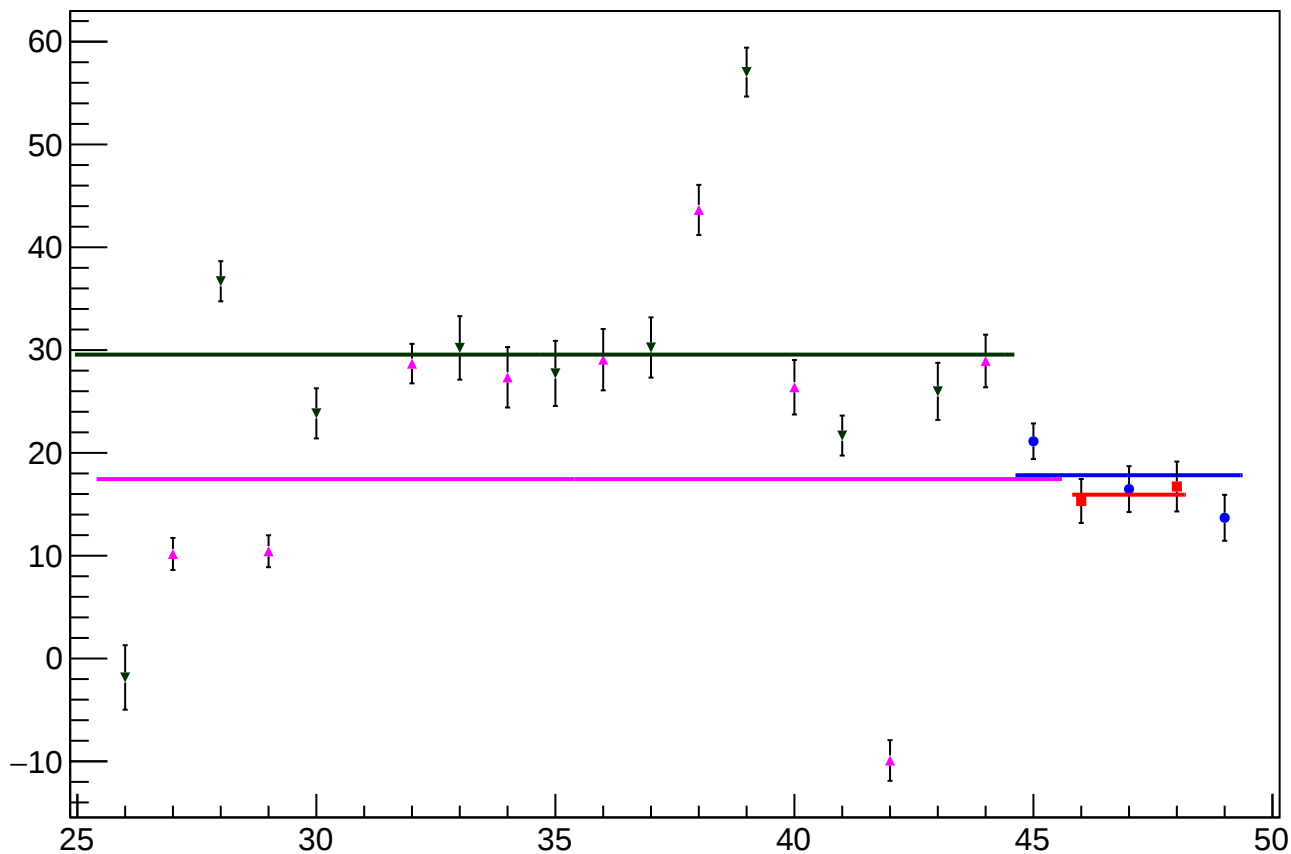
Right Out: -113.713 $\pm$ 0.204 χ^2 /NDF: 3500.0/1

Left In: -137.605 $\pm$ 0.100 χ^2 /NDF:21119.1/8

-131.401 $\pm$ 0.093 χ^2 /NDF: 47365.2/11

-132.990 $\pm$ 0.090 χ^2 /NDF: 35723.6/10

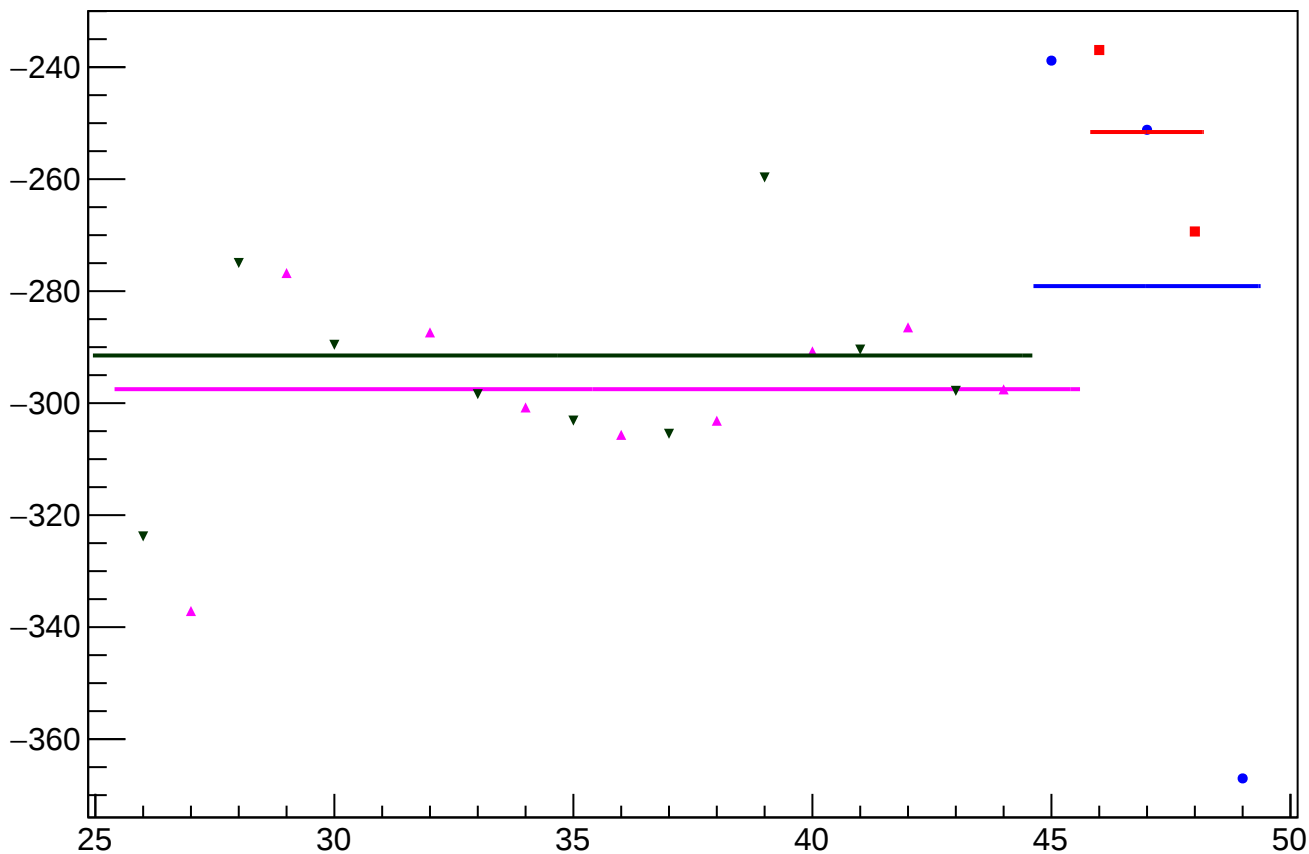
reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 17.828 $\pm$ 1.167 χ^2 /NDF: 7.4/2
 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

25.572 $\pm$ 0.680 χ^2 /NDF: 345.7/11
 17.211 $\pm$ 0.641 χ^2 /NDF: 442.8/10

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -279.098 ± 0.228 χ^2/NDF : 60188.8/2

Left Out: -291.489 ± 0.156 χ^2/NDF : 12241.2/8

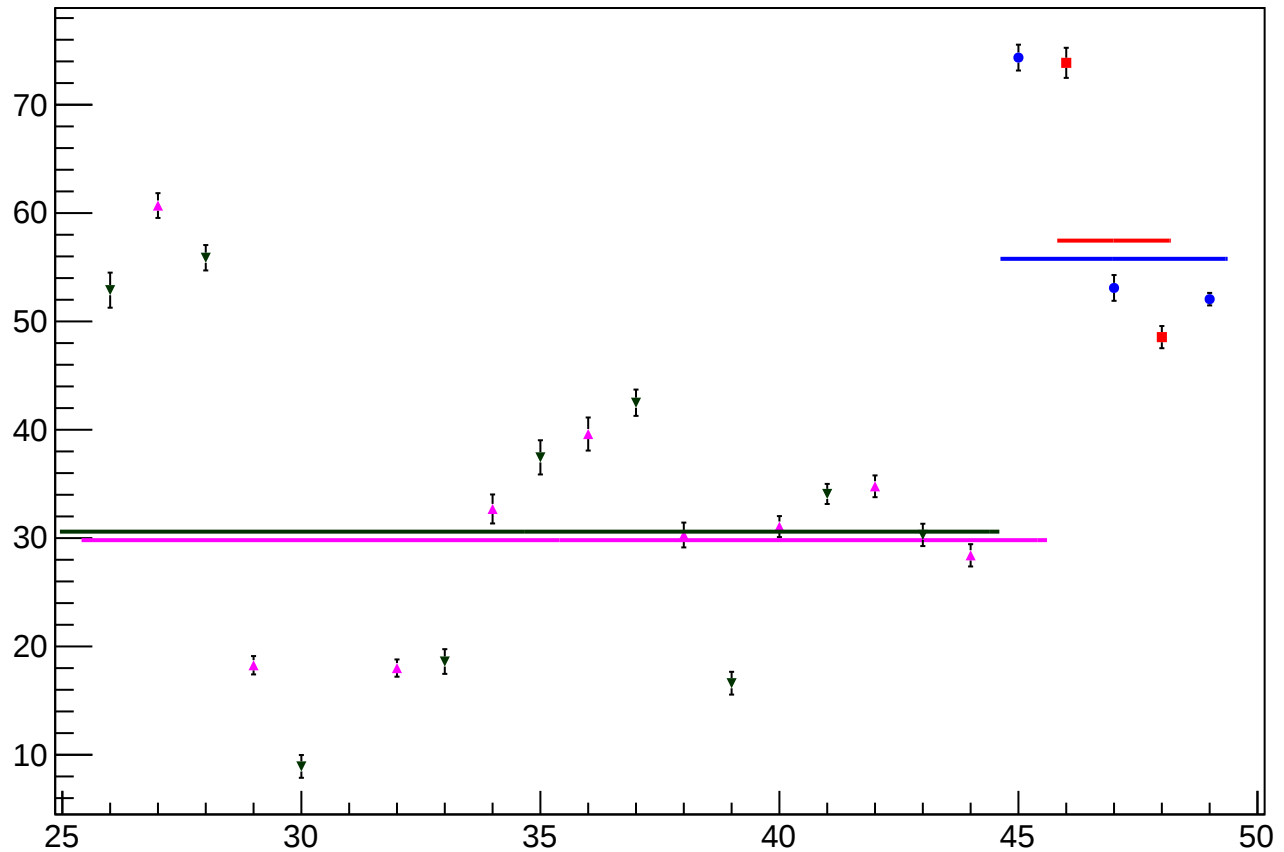
Right Out: -251.582 ± 0.311 χ^2/NDF : 2690.3/1

Left In: -297.505 ± 0.148 χ^2/NDF : 15085.1/8

-287.538 ± 0.129 χ^2/NDF : 74436.2/11

-288.985 ± 0.134 χ^2/NDF : 35542.4/10

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.778 $\pm$ 0.477 χ^2 /NDF: 289.0/2

Left Out: 30.597 $\pm$ 0.381 χ^2 /NDF:1496.6/8

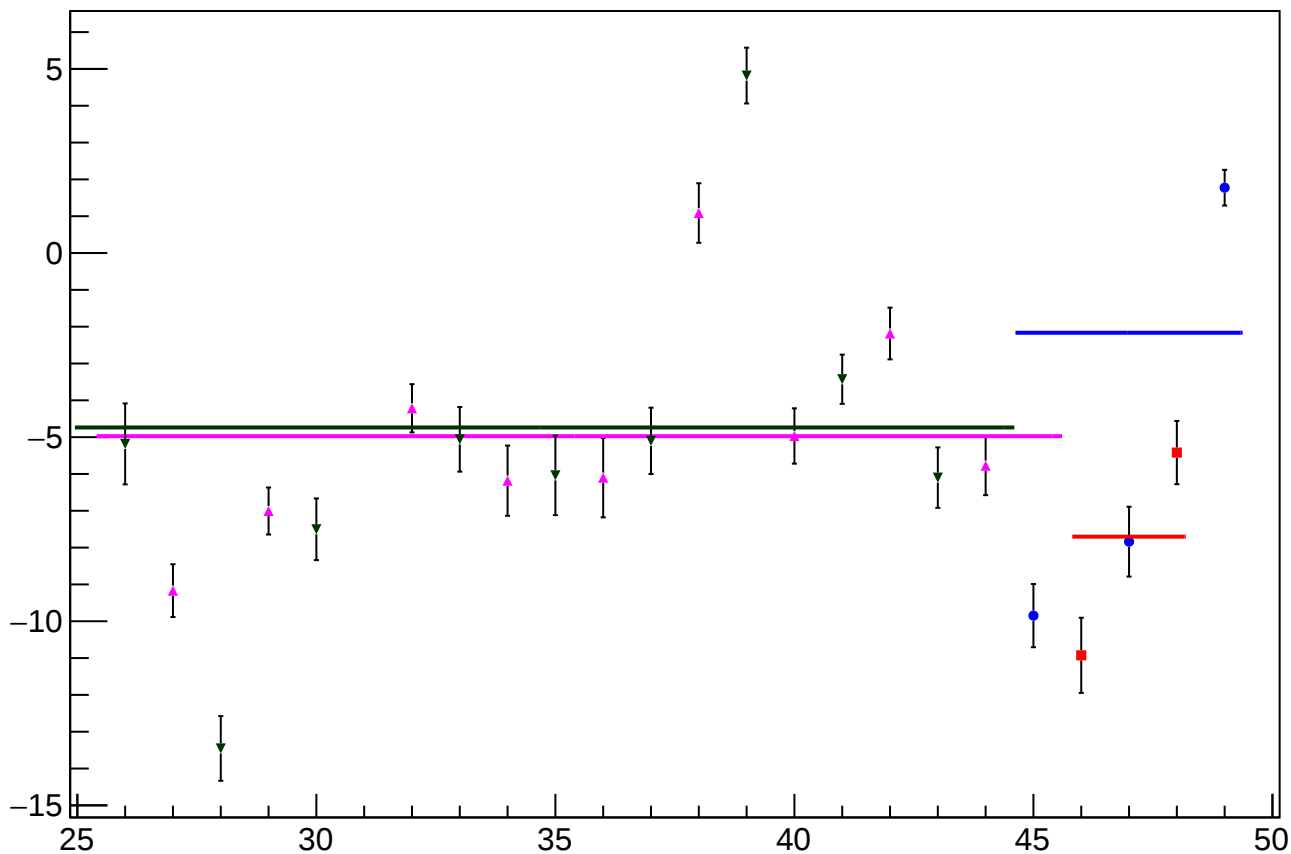
Right Out: 57.458 $\pm$ 0.824 χ^2 /NDF: 215.5/1

Left In: 29.811 $\pm$ 0.343 χ^2 /NDF:1208.1/8

40.429 $\pm$ 0.298 χ^2 /NDF: 3487.6/11

33.904 $\pm$ 0.317 χ^2 /NDF: 2383.5/10

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -2.165 ± 0.386 χ^2/NDF : 181.7/2

Left Out: -4.737 ± 0.284 χ^2/NDF : 276.8/8

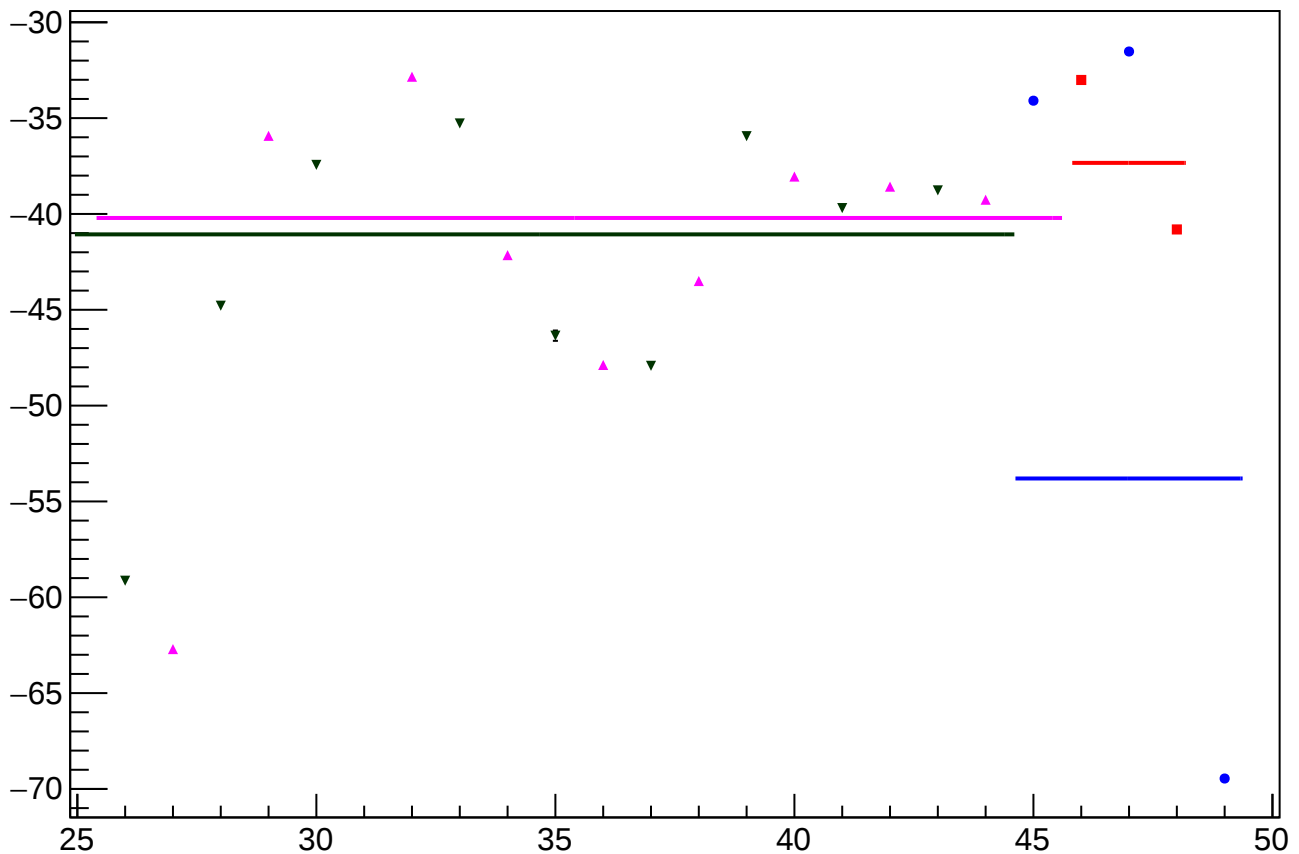
Right Out: -7.702 ± 0.657 χ^2/NDF : 17.0/1

Left In: -4.974 ± 0.253 χ^2/NDF : 121.4/8

-3.833 ± 0.229 χ^2/NDF : 487.4/11

-5.327 ± 0.236 χ^2/NDF : 153.4/10

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -53.802+/-0.090 χ^2/NDF : 40487.1/2

Left Out: -41.066+/-0.063 χ^2/NDF : 9369.8/8

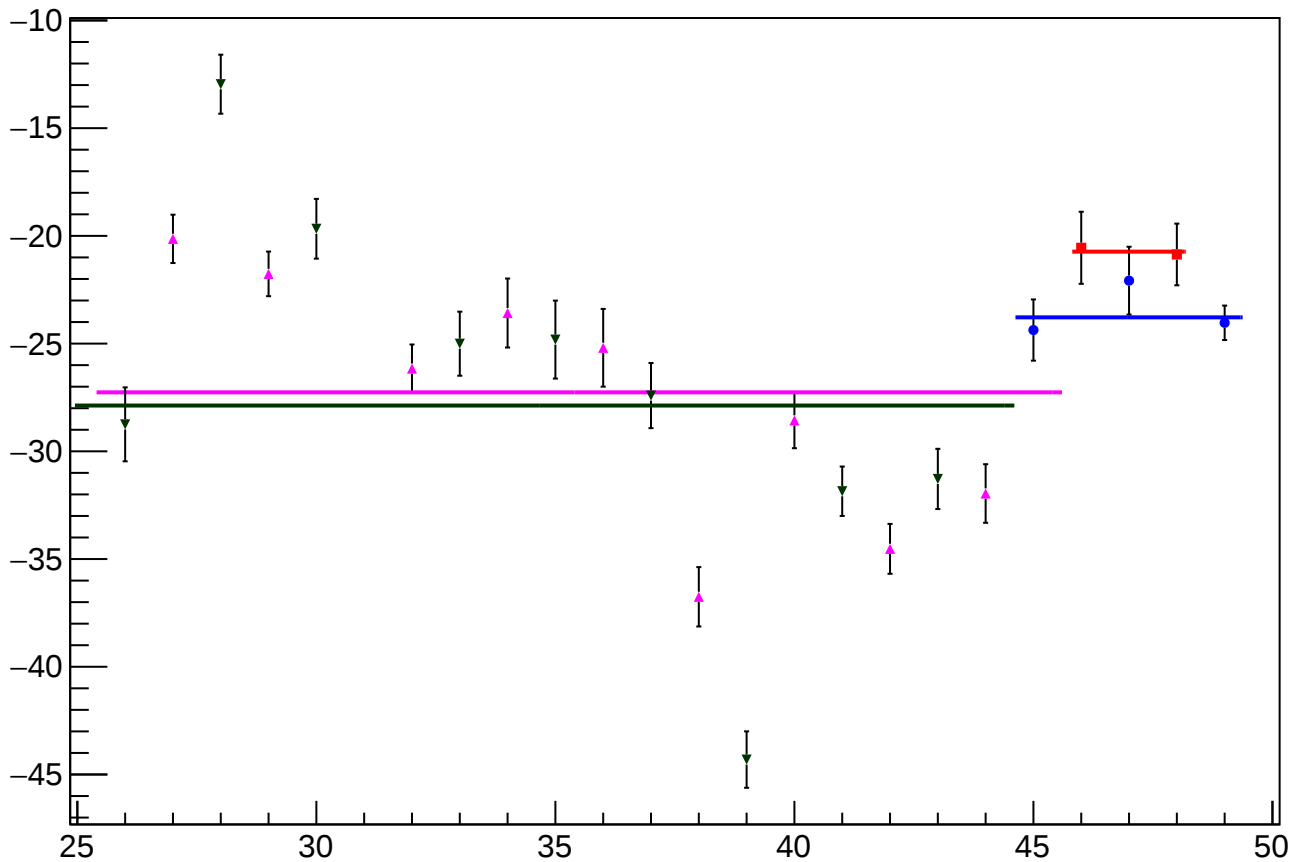
Right Out: -37.335+/-0.140 χ^2/NDF : 771.4/1

Left In: -40.210+/-0.058 χ^2/NDF : 18072.5/8

-45.286+/-0.052 χ^2/NDF : 63233.0/11

-39.780+/-0.054 χ^2/NDF : 19204.7/10

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.782 ± 0.637 $\chi^2/\text{NDF}: 1.4/2$

Left Out: -27.875 ± 0.474 $\chi^2/\text{NDF}: 335.8/8$

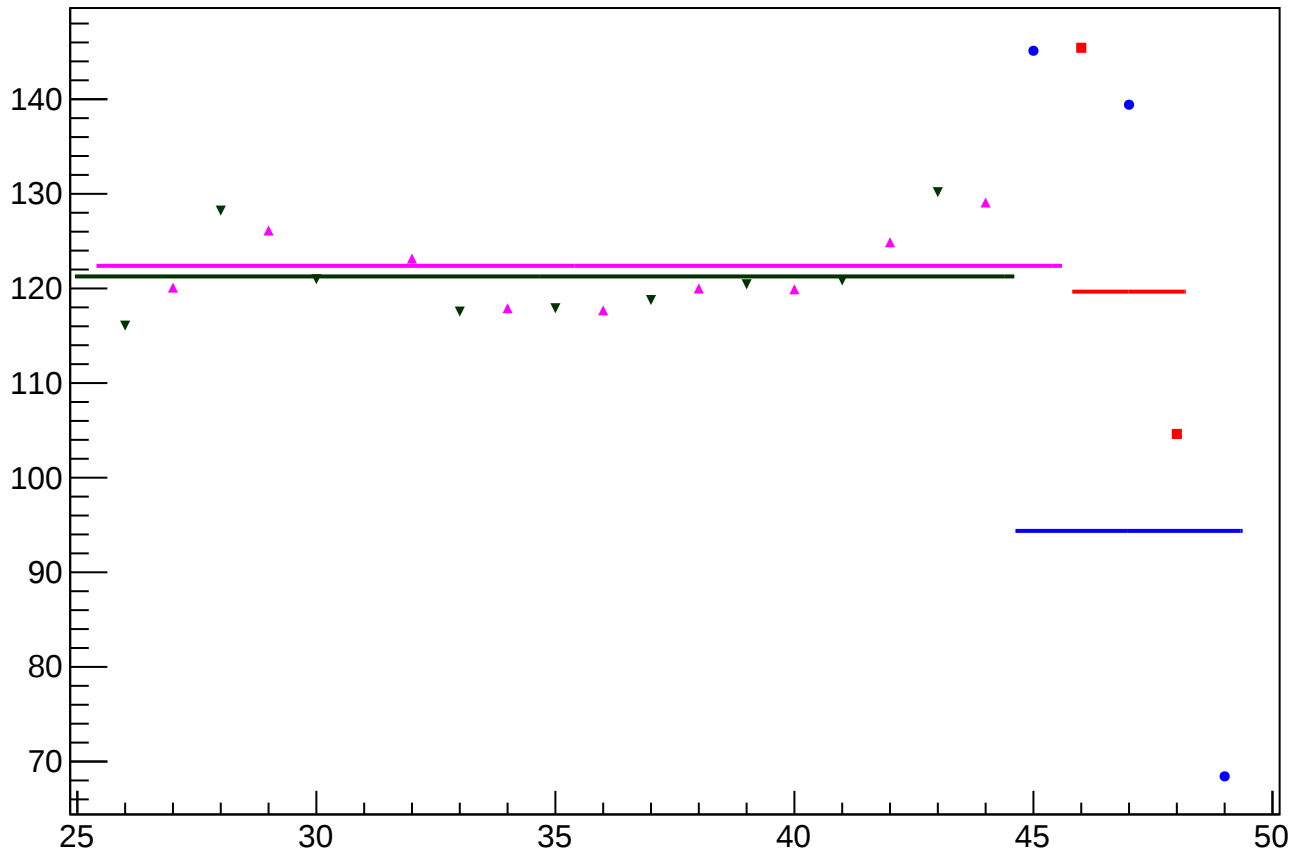
Right Out: -20.731 ± 1.088 $\chi^2/\text{NDF}: 0.0/1$

Left In: -27.262 ± 0.421 $\chi^2/\text{NDF}: 175.8/8$

-26.414 ± 0.380 $\chi^2/\text{NDF}: 363.8/11$

-26.410 ± 0.393 $\chi^2/\text{NDF}: 207.2/10$

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 94.376+/-0.123 χ^2/NDF : 82858.7/2

Left Out: 121.269+/-0.087 χ^2/NDF : 2757.8/8

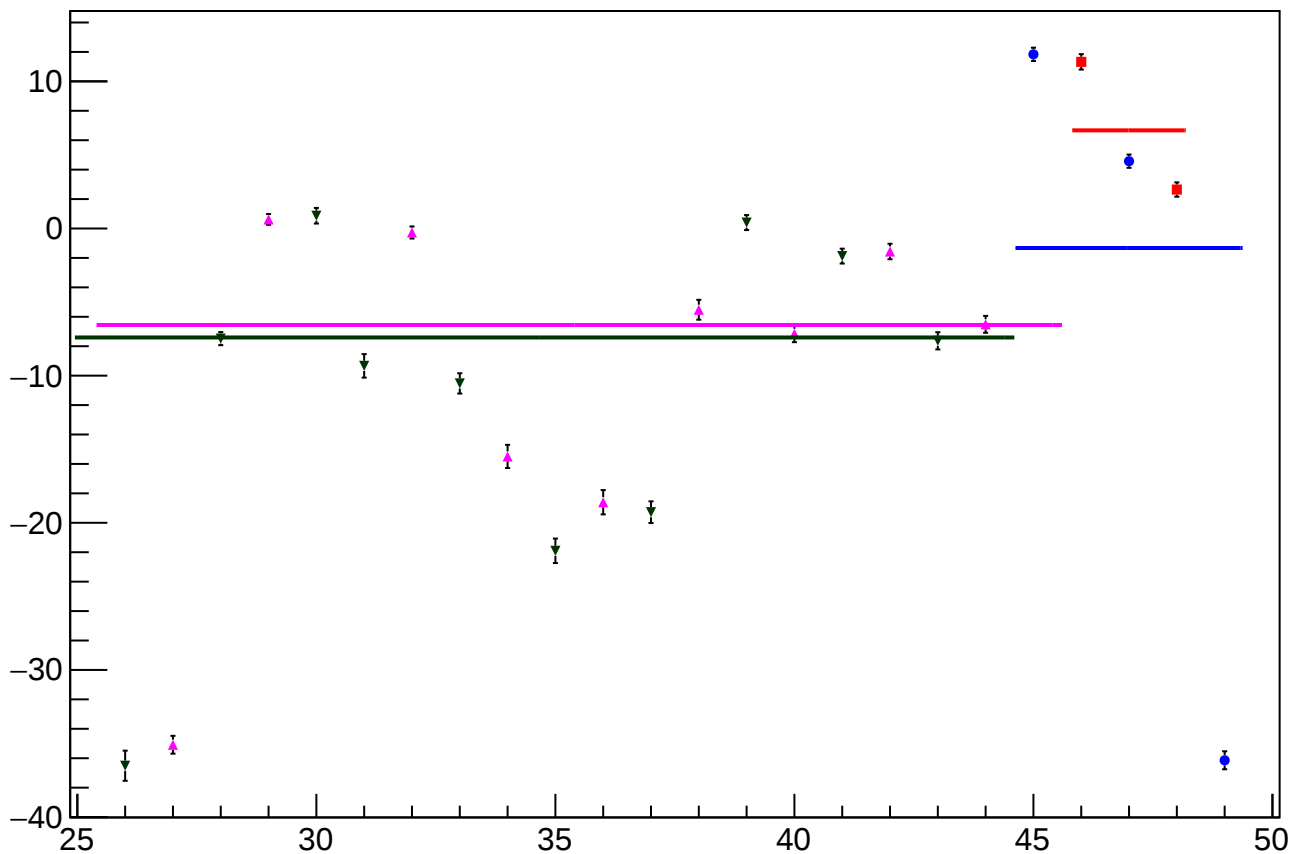
Right Out: 119.661+/-0.199 χ^2/NDF : 9789.7/1

Left In: 122.391+/-0.087 χ^2/NDF : 1757.6/8

112.341+/-0.071 χ^2/NDF : 117637.3/11

121.953+/-0.080 χ^2/NDF : 11705.3/10

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -1.324+/-0.283 χ^2/NDF : 4271.0/2

Left Out: -7.406+/-0.192 χ^2/NDF : 1994.4/9

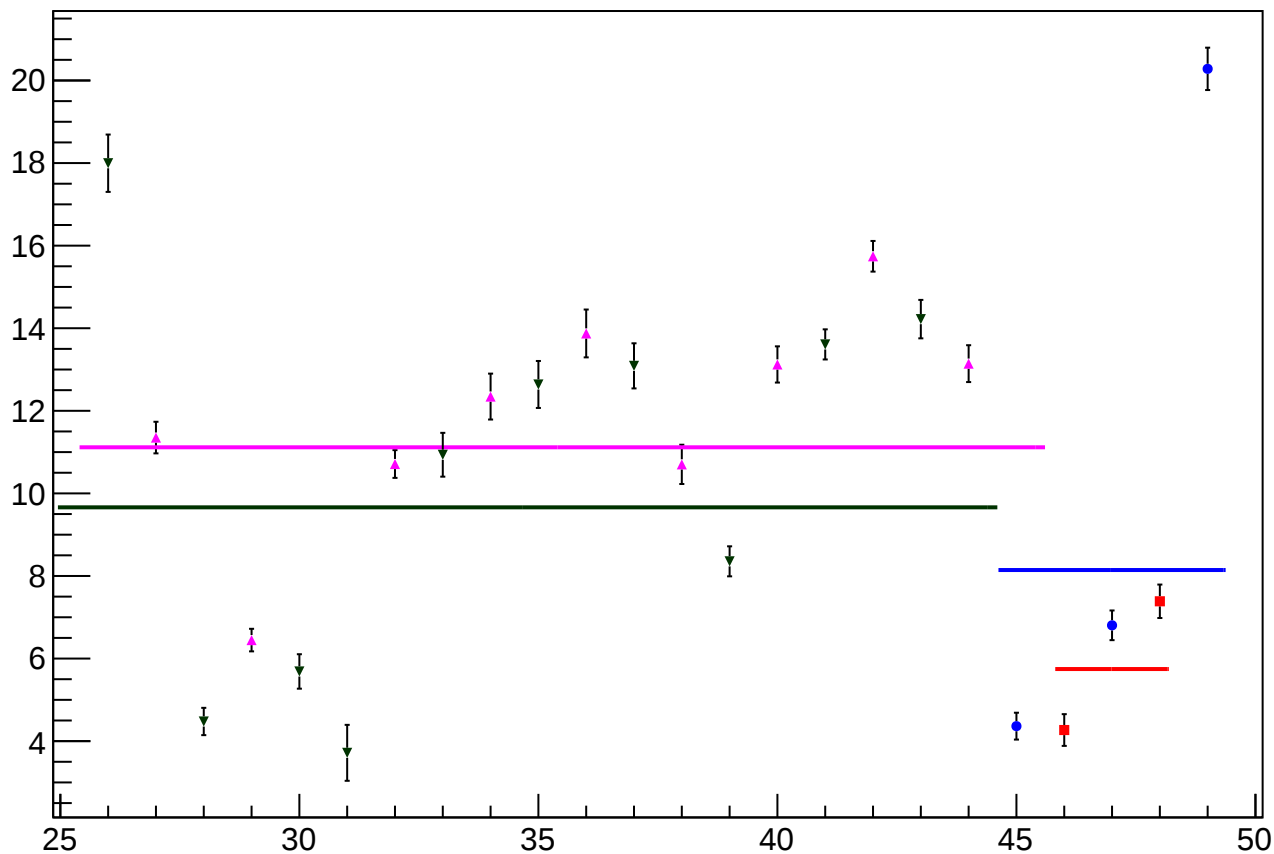
Right Out: 6.670+/-0.357 χ^2/NDF : 147.1/1

Left In: -6.558+/-0.179 χ^2/NDF : 3282.1/8

-5.492+/-0.159 χ^2/NDF : 6582.0/12

-3.901+/-0.160 χ^2/NDF : 4527.4/10

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.144 $\pm$ 0.218 χ^2 /NDF: 708.7/2

Left Out: 9.662 $\pm$ 0.143 χ^2 /NDF: 856.3/9

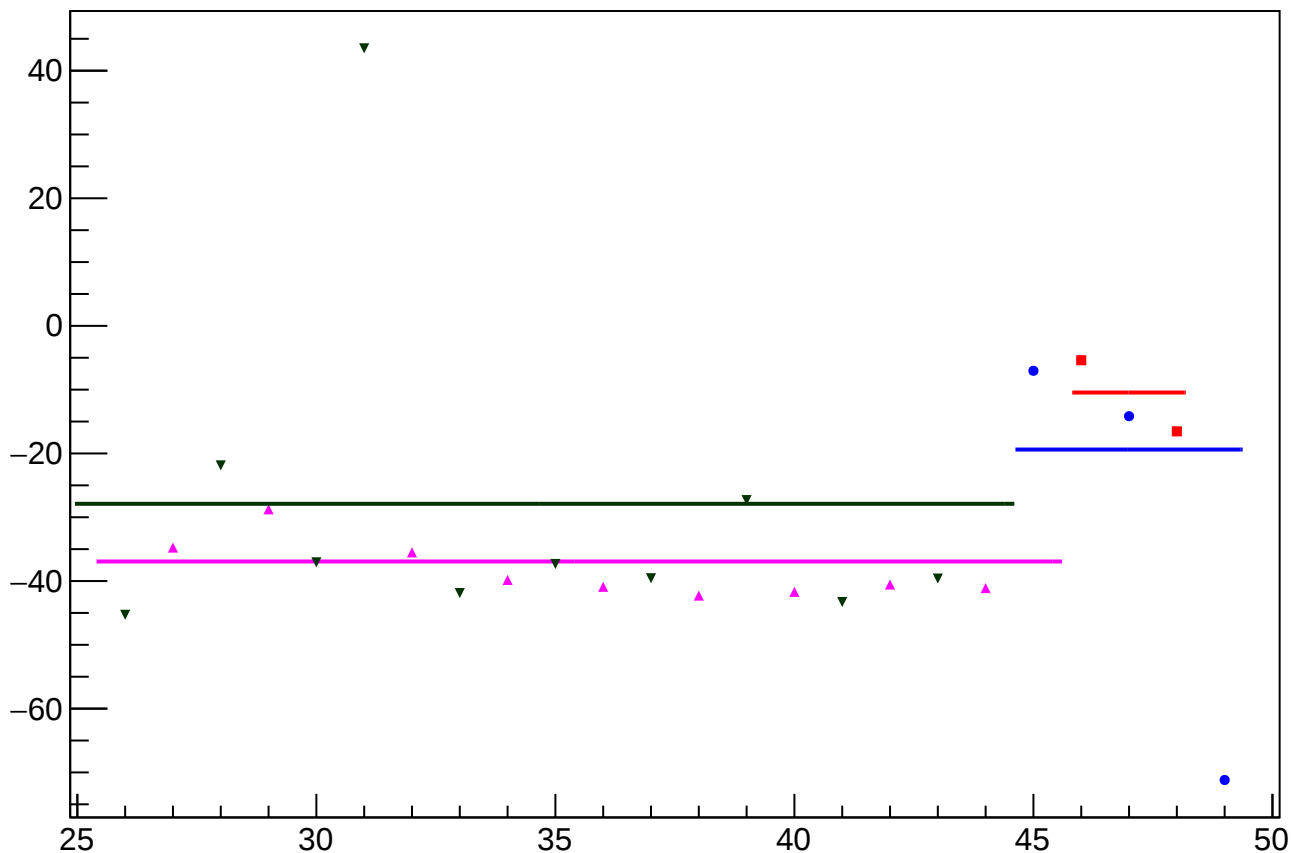
Right Out: 5.746 $\pm$ 0.279 χ^2 /NDF: 31.2/1

Left In: 11.116 $\pm$ 0.132 χ^2 /NDF: 518.9/8

9.206 $\pm$ 0.120 χ^2 /NDF: 1598.8/12

10.130 $\pm$ 0.119 χ^2 /NDF: 852.9/10

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -19.387+/-0.048 χ^2/NDF : 204409.8/2

Left Out: -27.892+/-0.032 χ^2/NDF : 549678.9/9

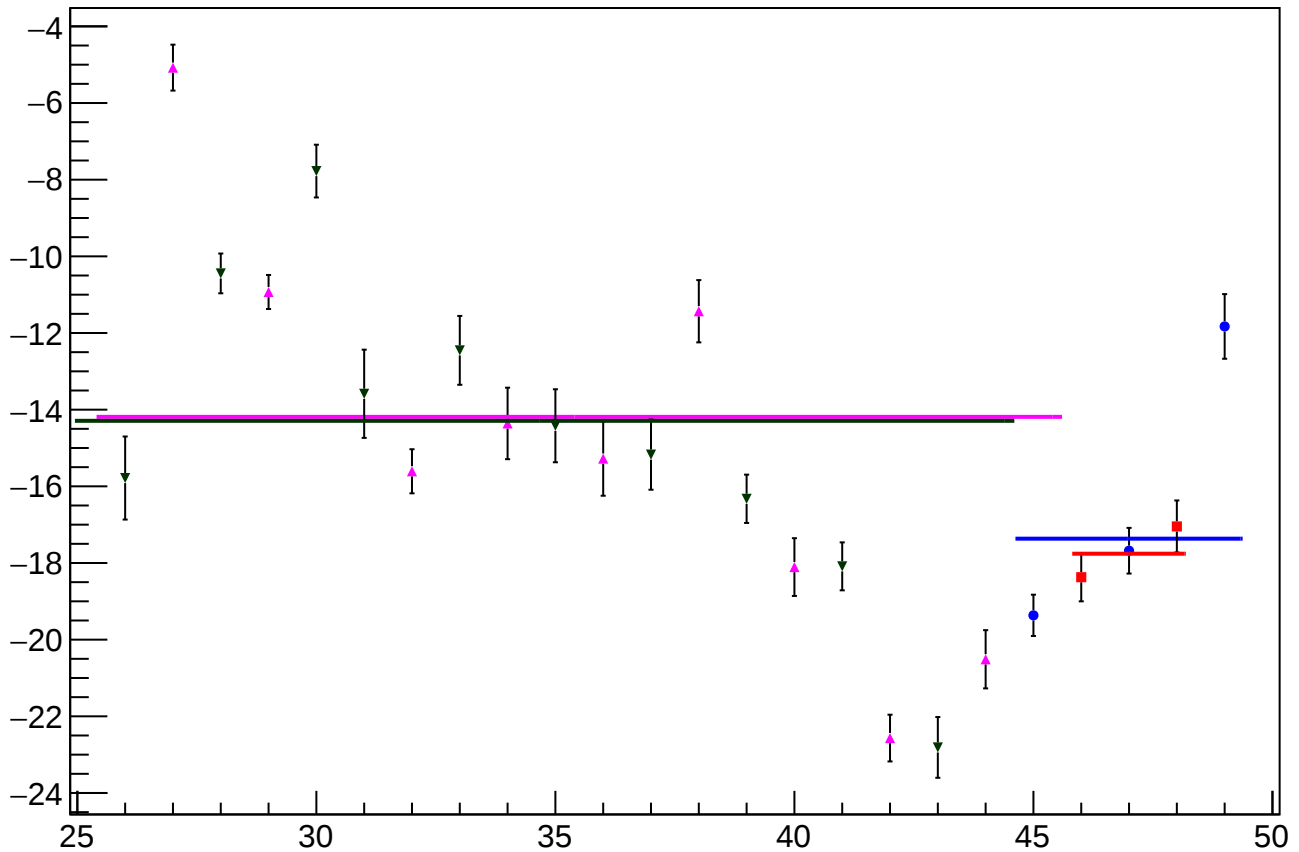
Right Out: -10.451+/-0.058 χ^2/NDF : 9014.5/1

Left In: -36.937+/-0.031 χ^2/NDF : 23653.1/8

-25.320+/-0.027 χ^2/NDF : 775795.0/12

-31.190+/-0.027 χ^2/NDF : 193420.6/10

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -17.365 ± 0.361 χ^2/NDF : 57.2/2

Left Out: -14.291 ± 0.238 χ^2/NDF : 314.9/9

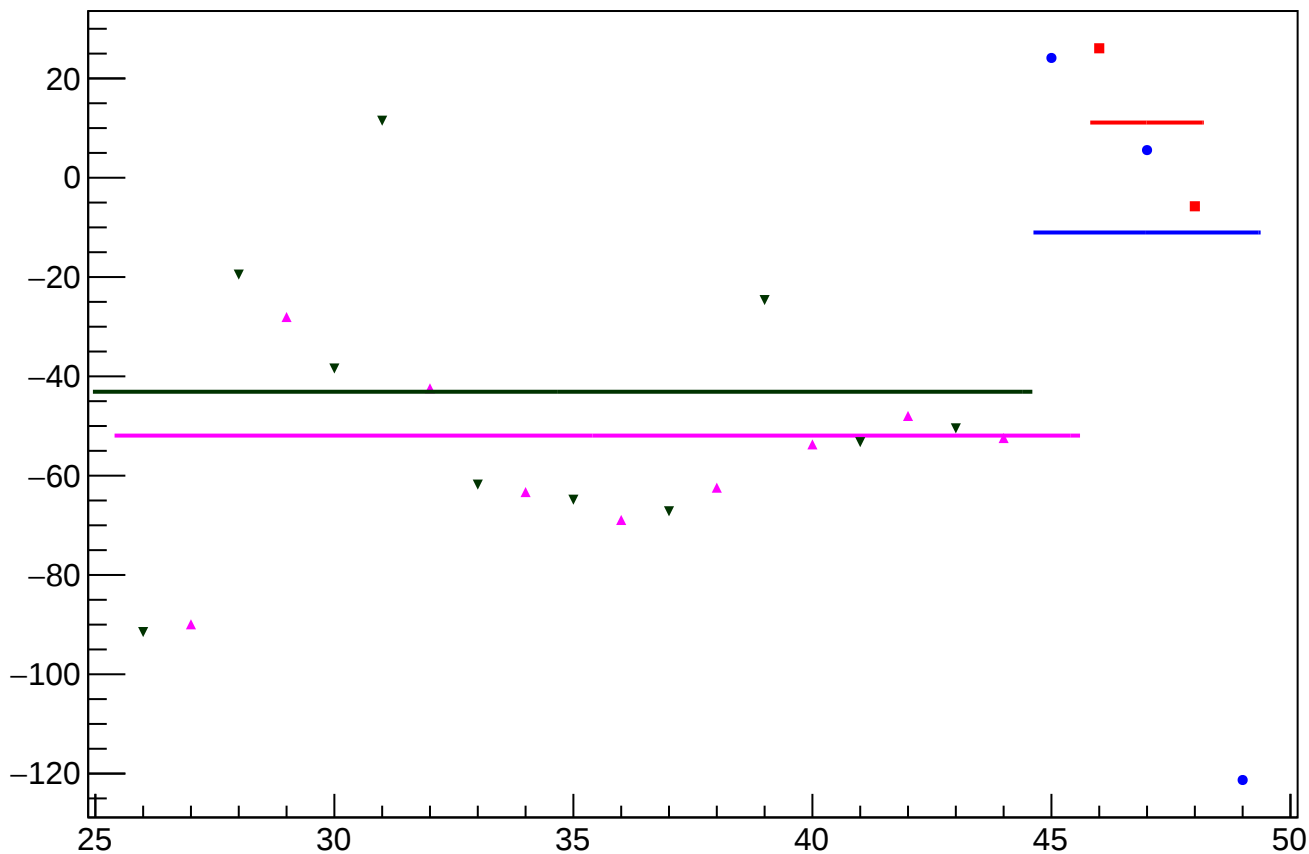
Right Out: -17.758 ± 0.461 χ^2/NDF : 2.0/1

Left In: -14.187 ± 0.219 χ^2/NDF : 589.2/8

-15.223 ± 0.199 χ^2/NDF : 422.6/12

-14.845 ± 0.198 χ^2/NDF : 640.1/10

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -11.027 ± 0.071 χ^2/NDF : 598548.3/2

Left Out: -43.100 ± 0.044 χ^2/NDF : 296352.7/9

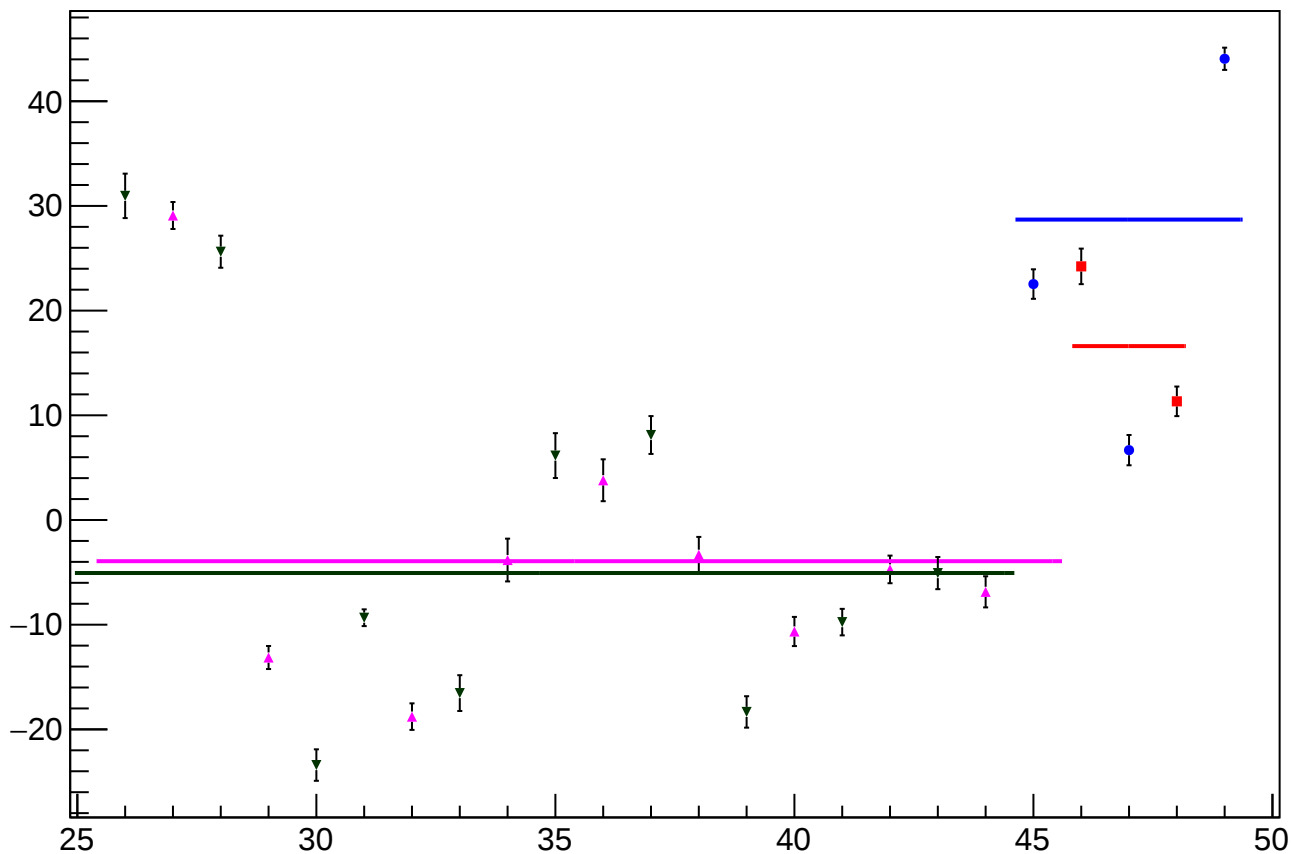
Right Out: 11.116 ± 0.090 χ^2/NDF : 31185.3/1

Left In: -51.929 ± 0.046 χ^2/NDF : 149071.1/8

-34.127 ± 0.037 χ^2/NDF : 1043410.2/12

-38.991 ± 0.041 χ^2/NDF : 570833.0/10

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 28.696+/-0.732 χ^2/NDF : 460.1/2

Left Out: -5.063+/-0.447 χ^2/NDF : 1084.1/9

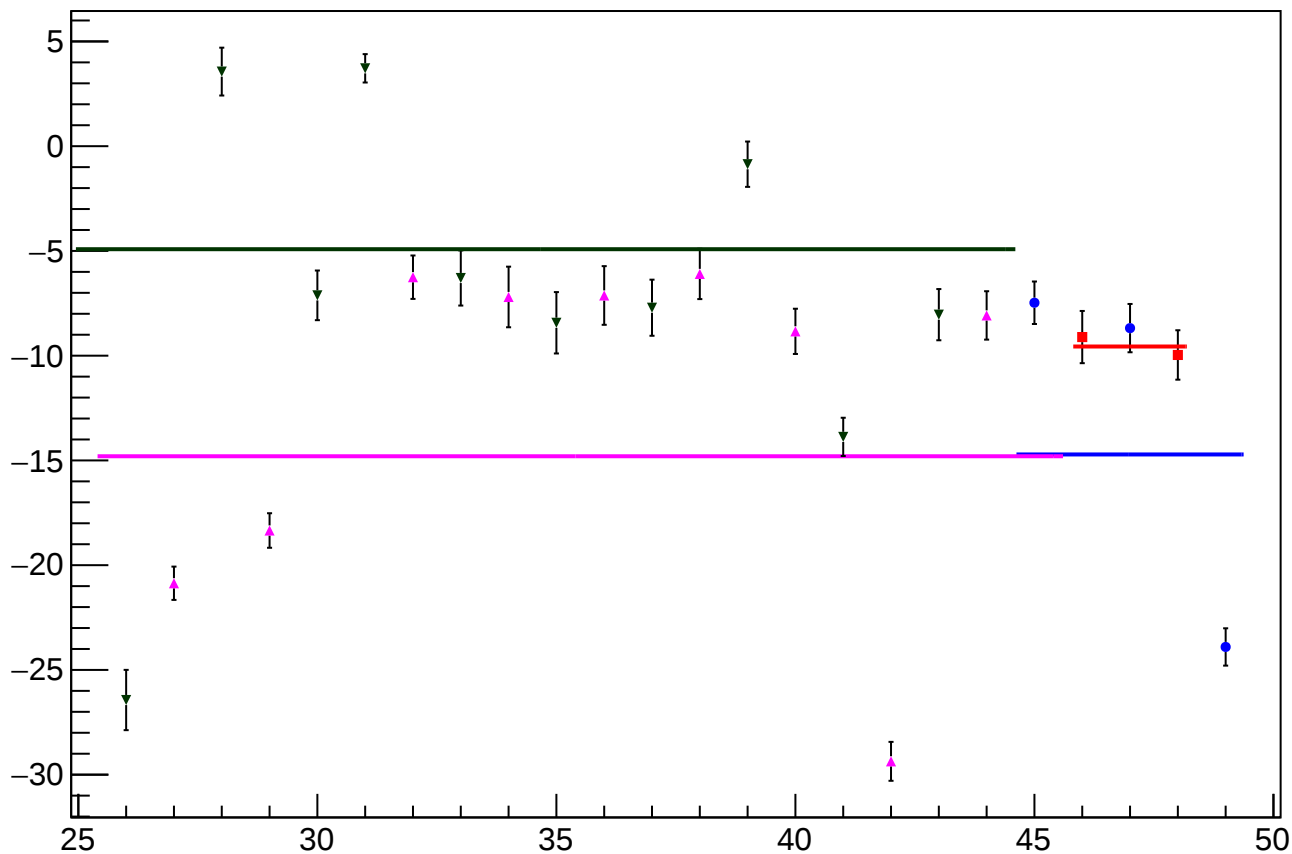
Right Out: 16.611+/-1.086 χ^2/NDF : 34.1/1

Left In: -3.935+/-0.475 χ^2/NDF : 906.7/8

4.104+/-0.381 χ^2/NDF : 3095.0/12

-0.631+/-0.435 χ^2/NDF : 1241.2/10

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.715 ± 0.579 $\chi^2/\text{NDF}: 184.8/2$

Left Out: -4.917 ± 0.344 $\chi^2/\text{NDF}: 572.7/9$

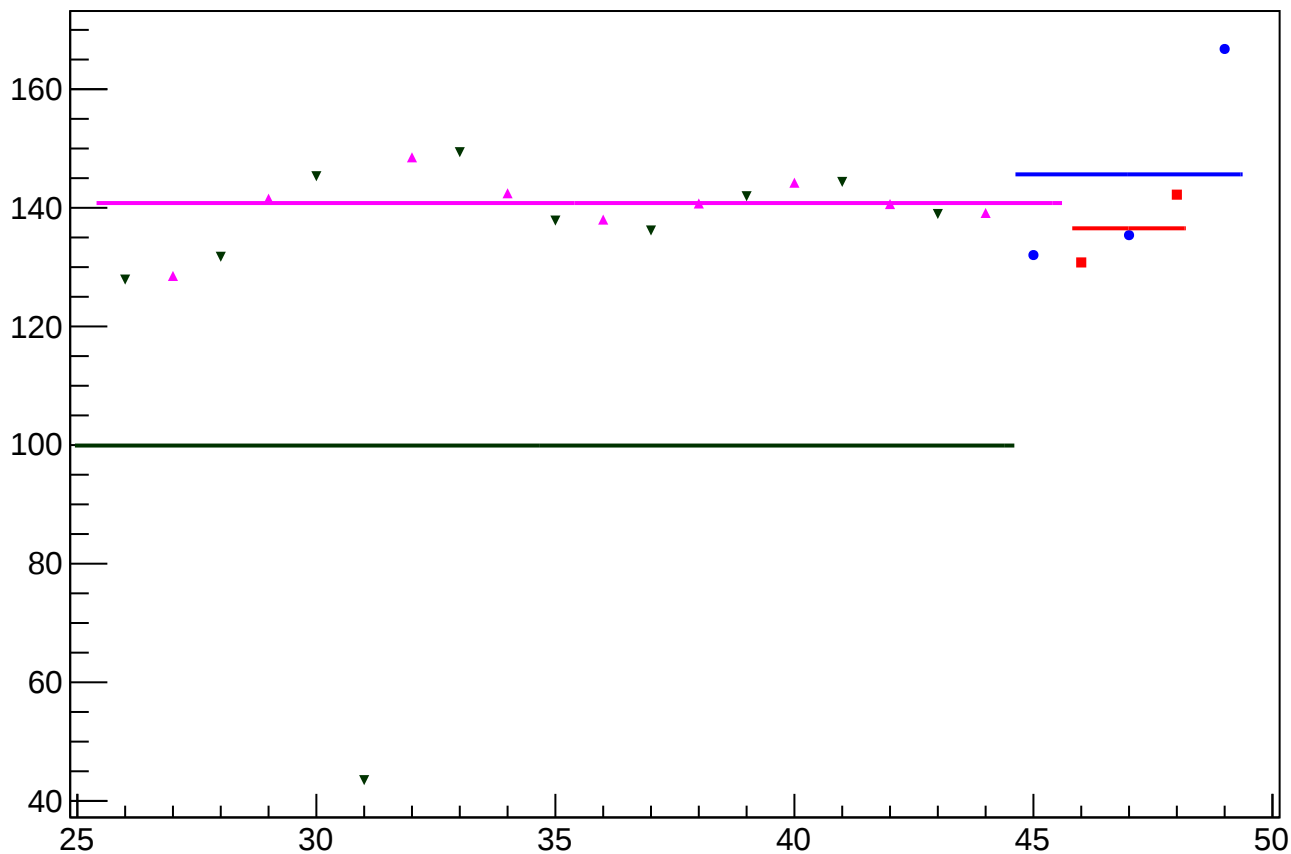
Right Out: -9.562 ± 0.857 $\chi^2/\text{NDF}: 0.2/1$

Left In: -14.801 ± 0.344 $\chi^2/\text{NDF}: 564.9/8$

-7.472 ± 0.296 $\chi^2/\text{NDF}: 969.3/12$

-14.072 ± 0.320 $\chi^2/\text{NDF}: 597.4/10$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 145.641 $\pm$ 0.132 χ^2 /NDF: 14828.5/2

Left Out: 99.920 $\pm$ 0.069 χ^2 /NDF:483835.4/9

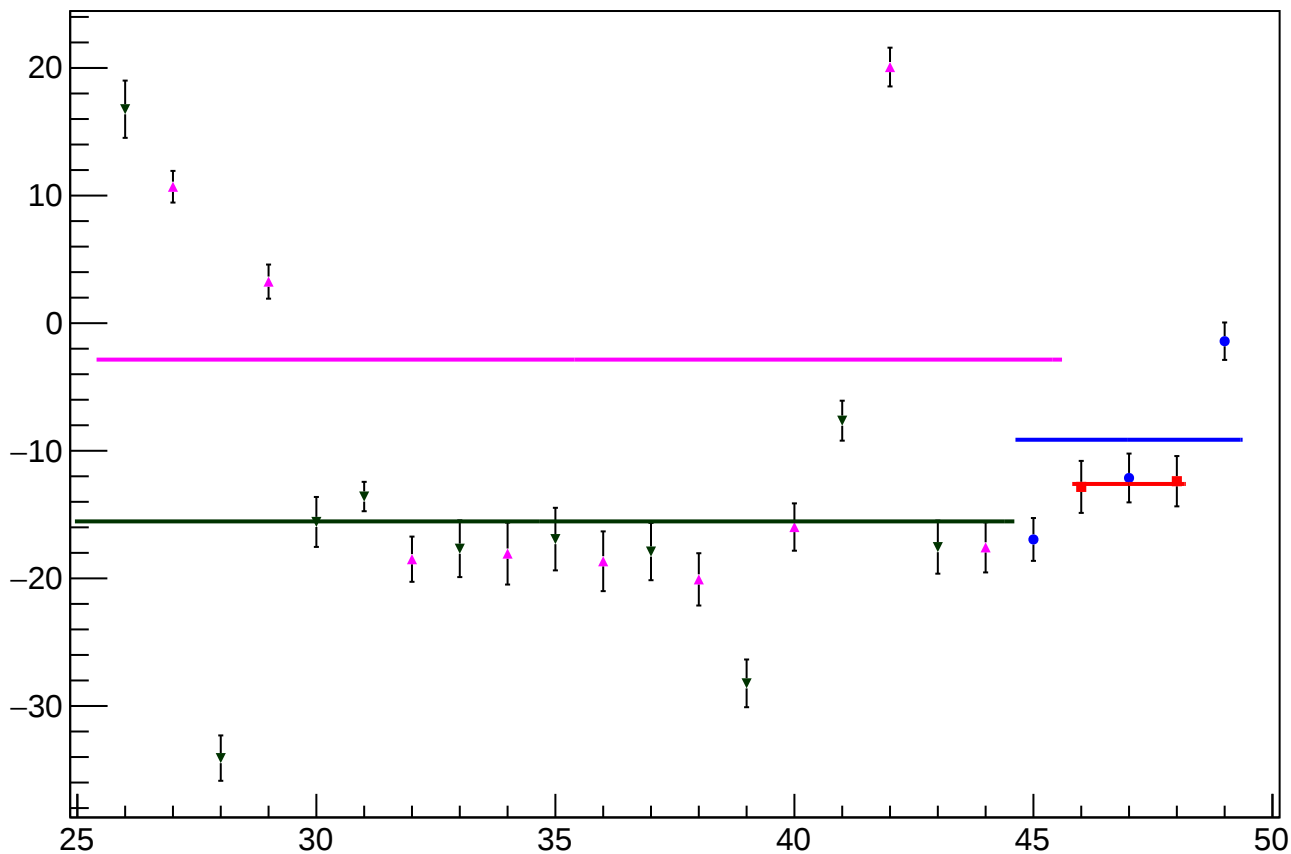
Right Out: 136.544 $\pm$ 0.181 χ^2 /NDF: 1001.0/1

Left In: 140.804 $\pm$ 0.082 χ^2 /NDF:4715.7/8

109.772 $\pm$ 0.061 χ^2 /NDF: 593362.2/12

140.074 $\pm$ 0.075 χ^2 /NDF: 6177.8/10

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -9.135 ± 0.956 χ^2/NDF : 51.9/2

Left Out: -15.534 ± 0.575 χ^2/NDF : 393.8/9

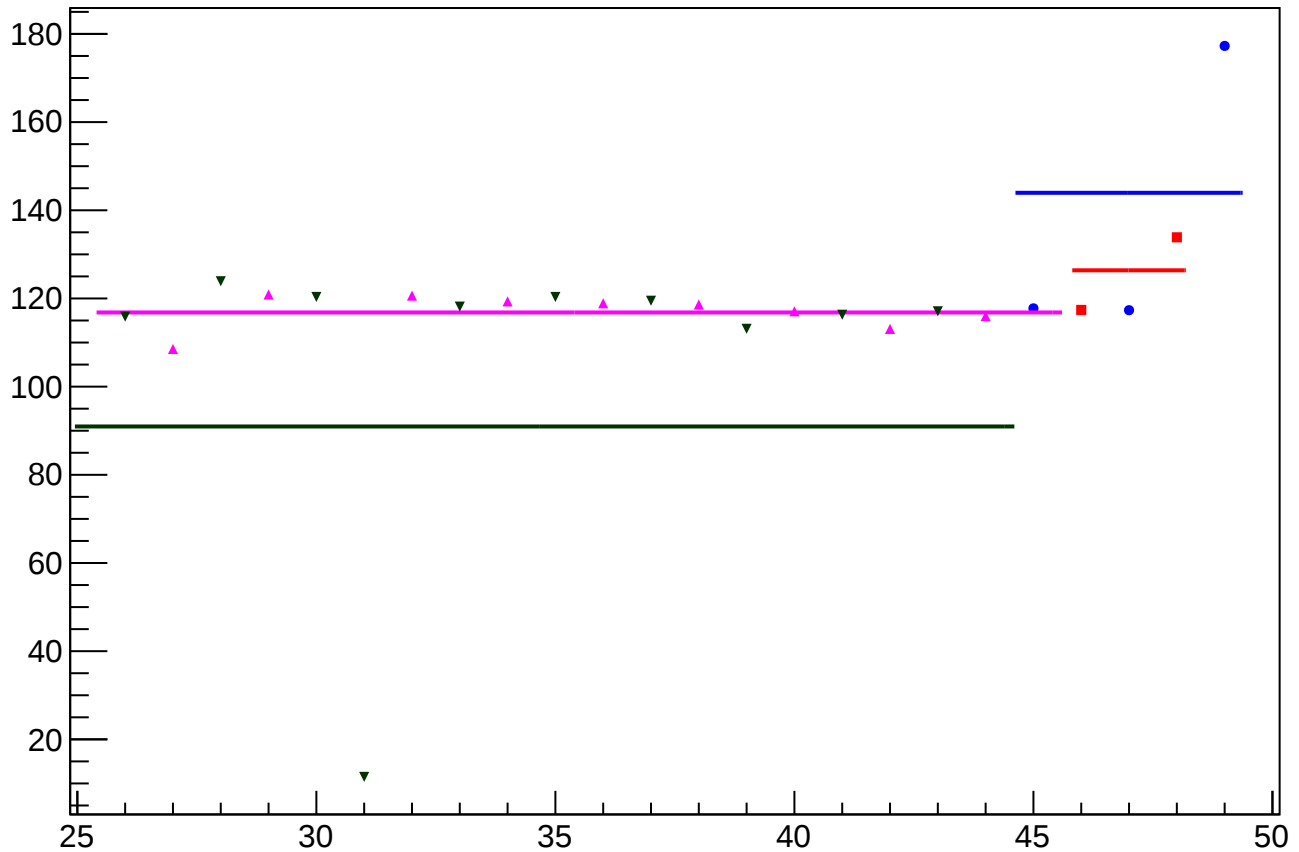
Right Out: -12.600 ± 1.417 χ^2/NDF : 0.0/1

Left In: -2.855 ± 0.568 χ^2/NDF : 707.5/8

-13.834 ± 0.493 χ^2/NDF : 478.6/12

-4.204 ± 0.527 χ^2/NDF : 748.2/10

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 143.964 $\pm$ 0.185 χ^2 /NDF: 25563.4/2

Left Out: 90.964 $\pm$ 0.105 χ^2 /NDF:199649.1/9

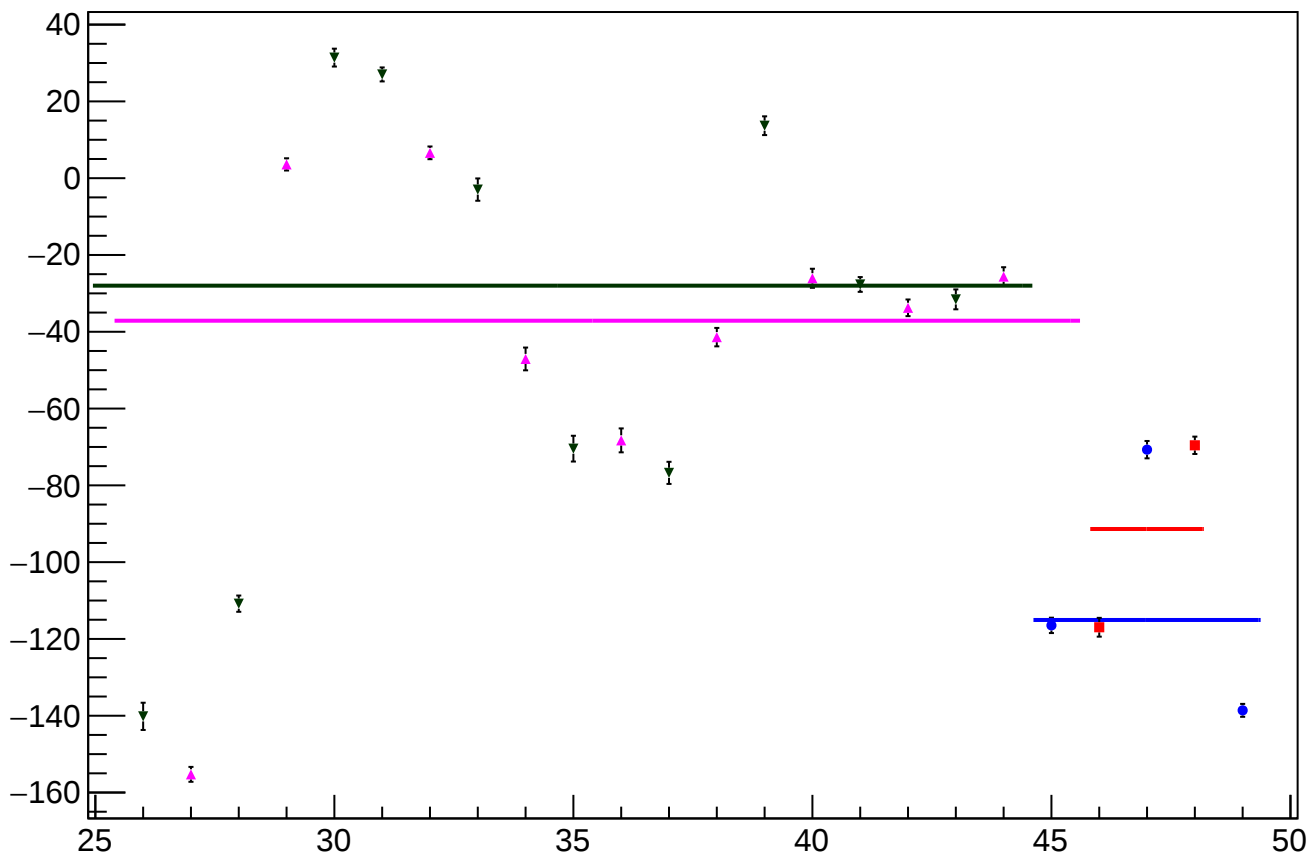
Right Out: 126.386 $\pm$ 0.269 χ^2 /NDF: 926.2/1

Left In: 116.827 $\pm$ 0.120 χ^2 /NDF:1139.4/8

103.785 $\pm$ 0.091 χ^2 /NDF: 287106.6/12

118.405 $\pm$ 0.109 χ^2 /NDF: 3116.6/10

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -115.062+/-1.118 χ^2/NDF : 581.8/2

Left Out: -27.991+/-0.766 χ^2/NDF : 4906.9/9

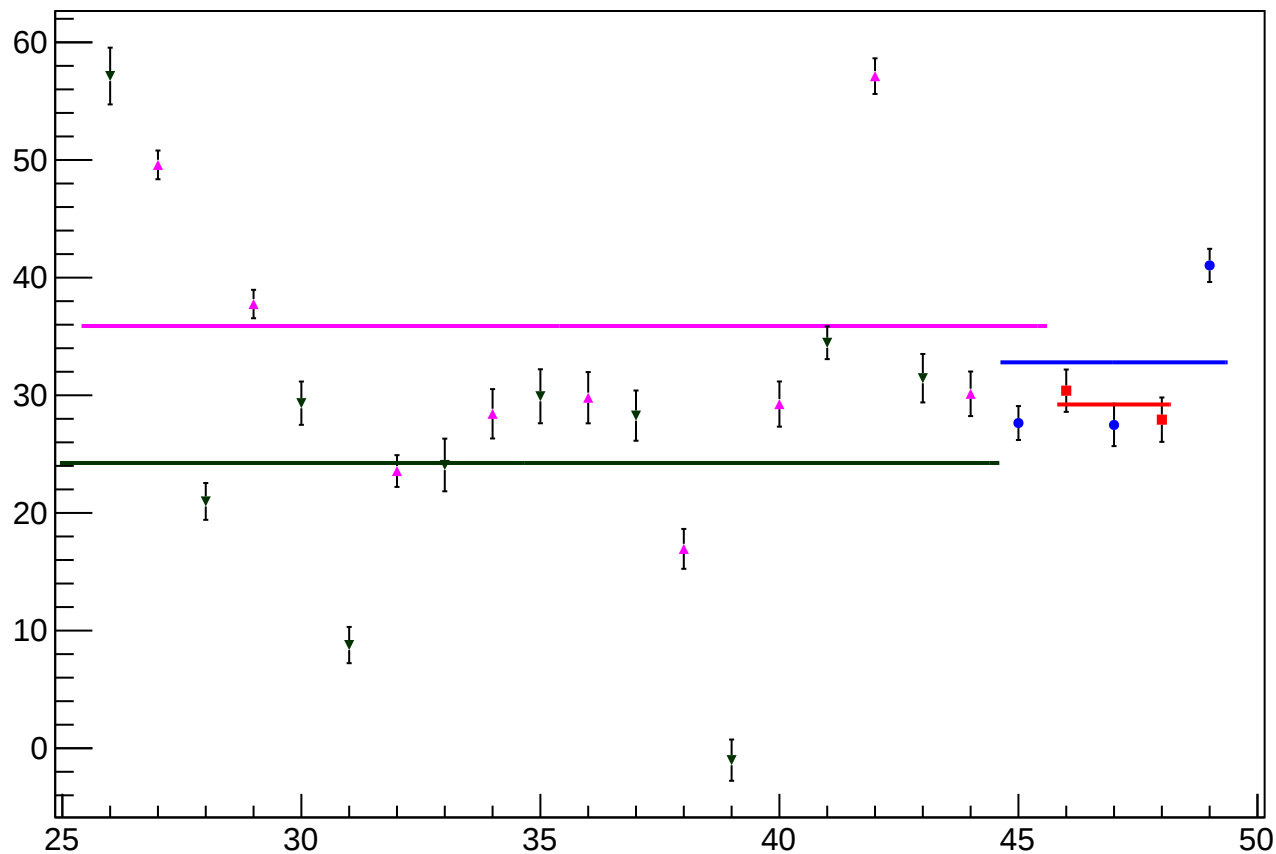
Right Out: -91.366+/-1.661 χ^2/NDF : 202.1/1

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-55.811+/-0.632 χ^2/NDF : 9613.0/12

-45.586+/-0.656 χ^2/NDF : 6321.7/10

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 32.800+/-0.880 χ^2/NDF : 55.6/2

Left Out: 24.247+/-0.579 χ^2/NDF : 582.0/9

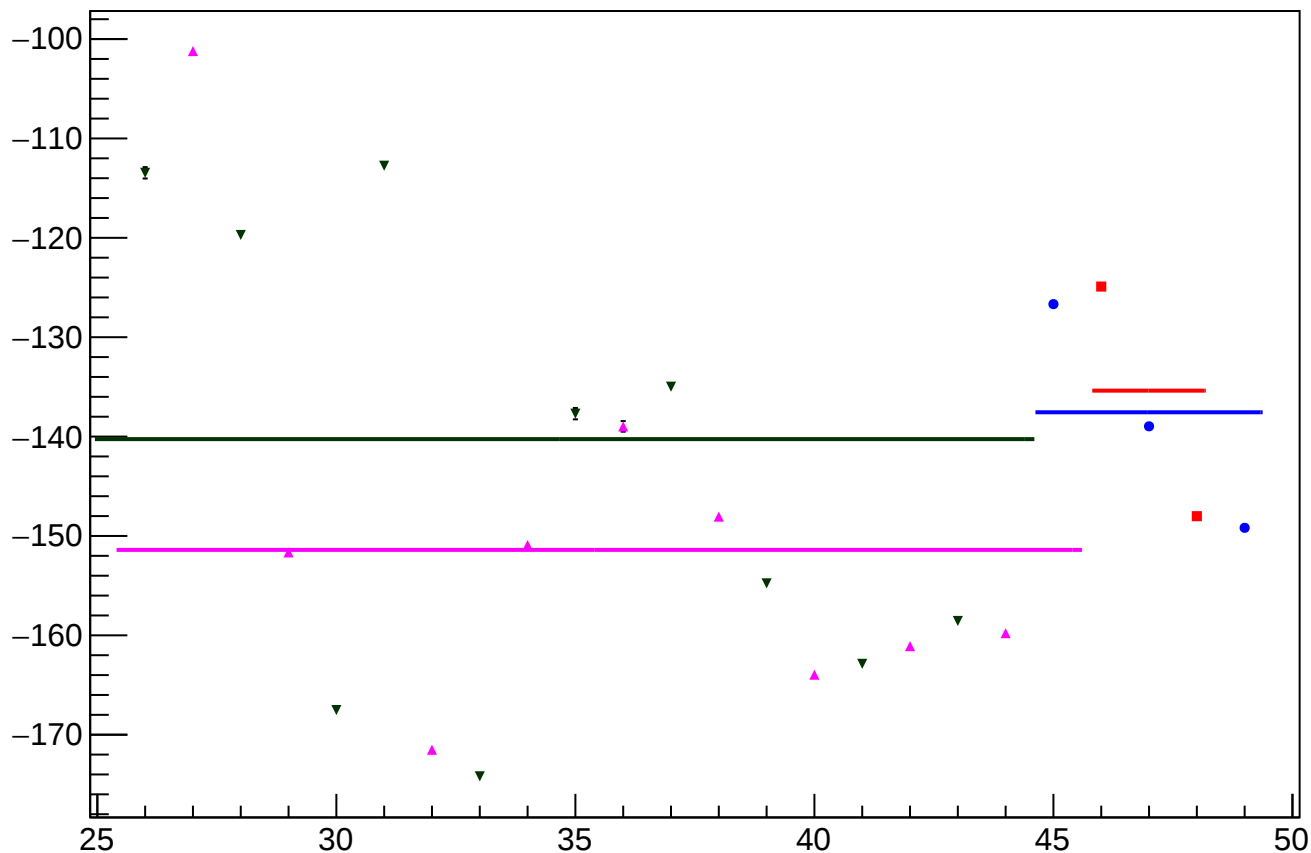
Right Out: 29.219+/-1.302 χ^2/NDF : 0.9/1

Left In: 35.888+/-0.522 χ^2/NDF : 574.5/8

26.832+/-0.484 χ^2/NDF : 703.5/12

34.965+/-0.484 χ^2/NDF : 598.1/10

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -137.555 ± 0.200 χ^2/NDF : 2305.7/2

Left Out: -140.257 ± 0.122 χ^2/NDF : 36380.6/9

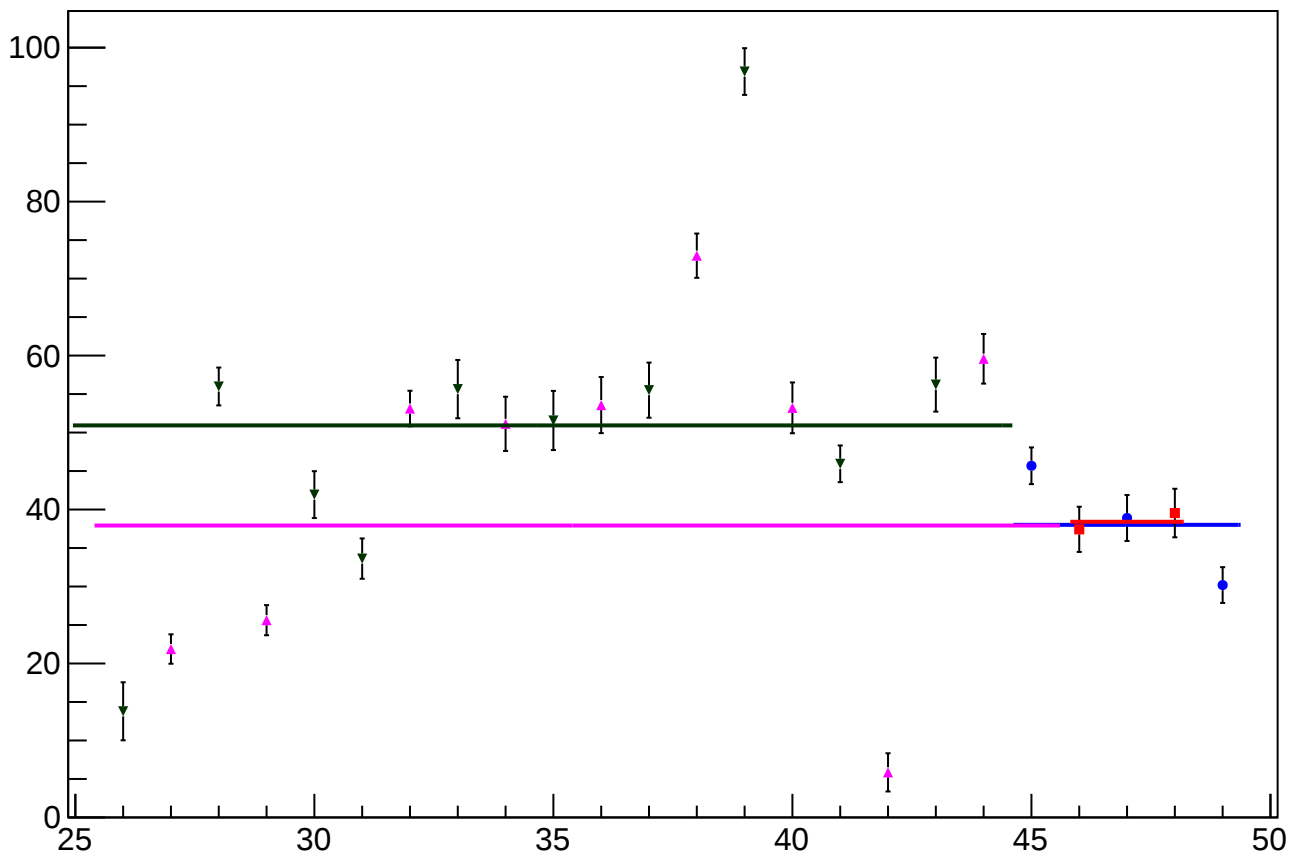
Right Out: -135.377 ± 0.274 χ^2/NDF : 1766.2/1

Left In: -151.403 ± 0.122 χ^2/NDF : 30317.9/8

-139.519 ± 0.104 χ^2/NDF : 38819.6/12

-148.745 ± 0.111 χ^2/NDF : 34943.8/10

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 38.012+/-1.453 χ^2/NDF : 21.8/2

Left Out: 50.929+/-0.966 χ^2/NDF : 393.0/9

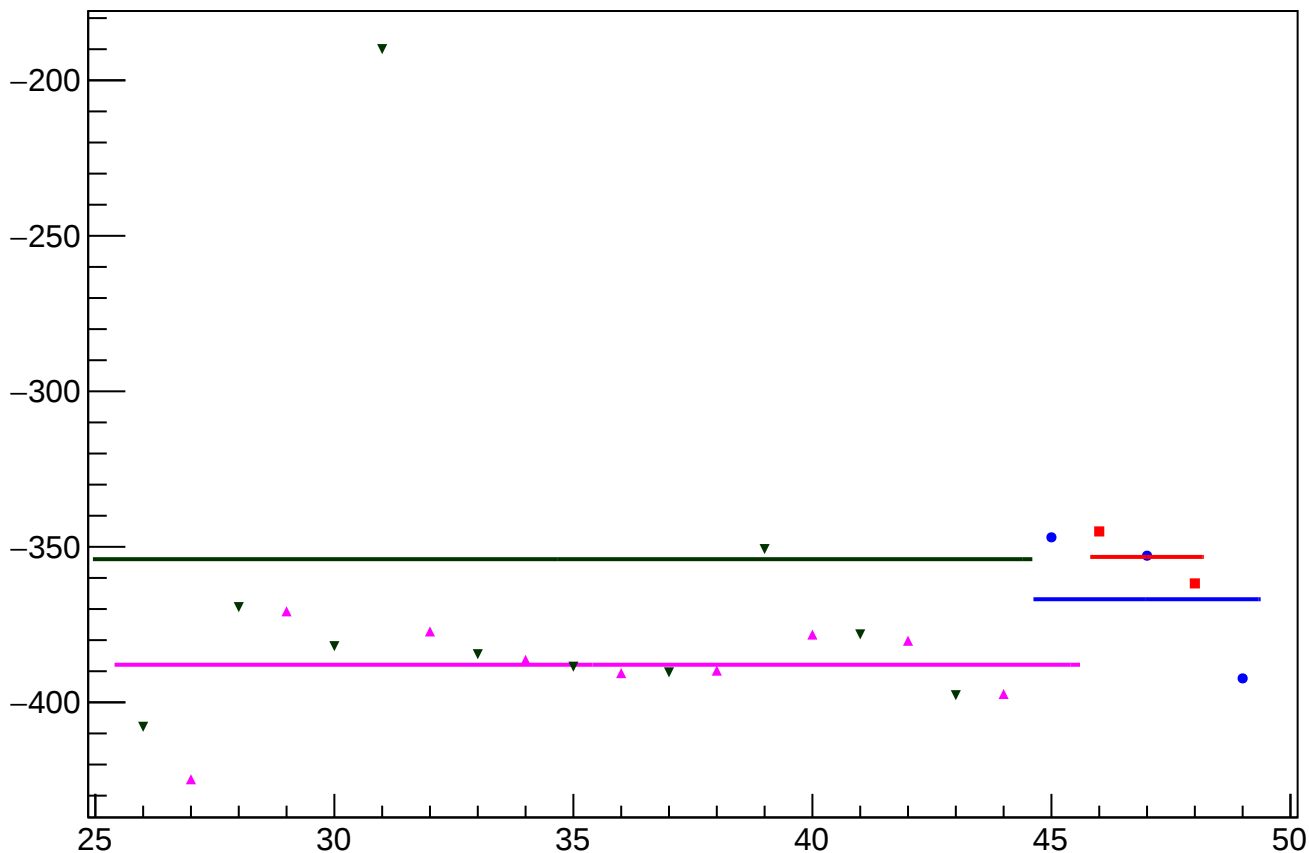
Right Out: 38.411+/-2.149 χ^2/NDF : 0.2/1

Left In: 37.924+/-0.861 χ^2/NDF : 567.9/8

46.969+/-0.805 χ^2/NDF : 469.6/12

37.991+/-0.799 χ^2/NDF : 568.2/10

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -366.851+/-0.283 χ^2/NDF : 5623.5/2

Left Out: -353.970+/-0.179 χ^2/NDF : 148485.8/9

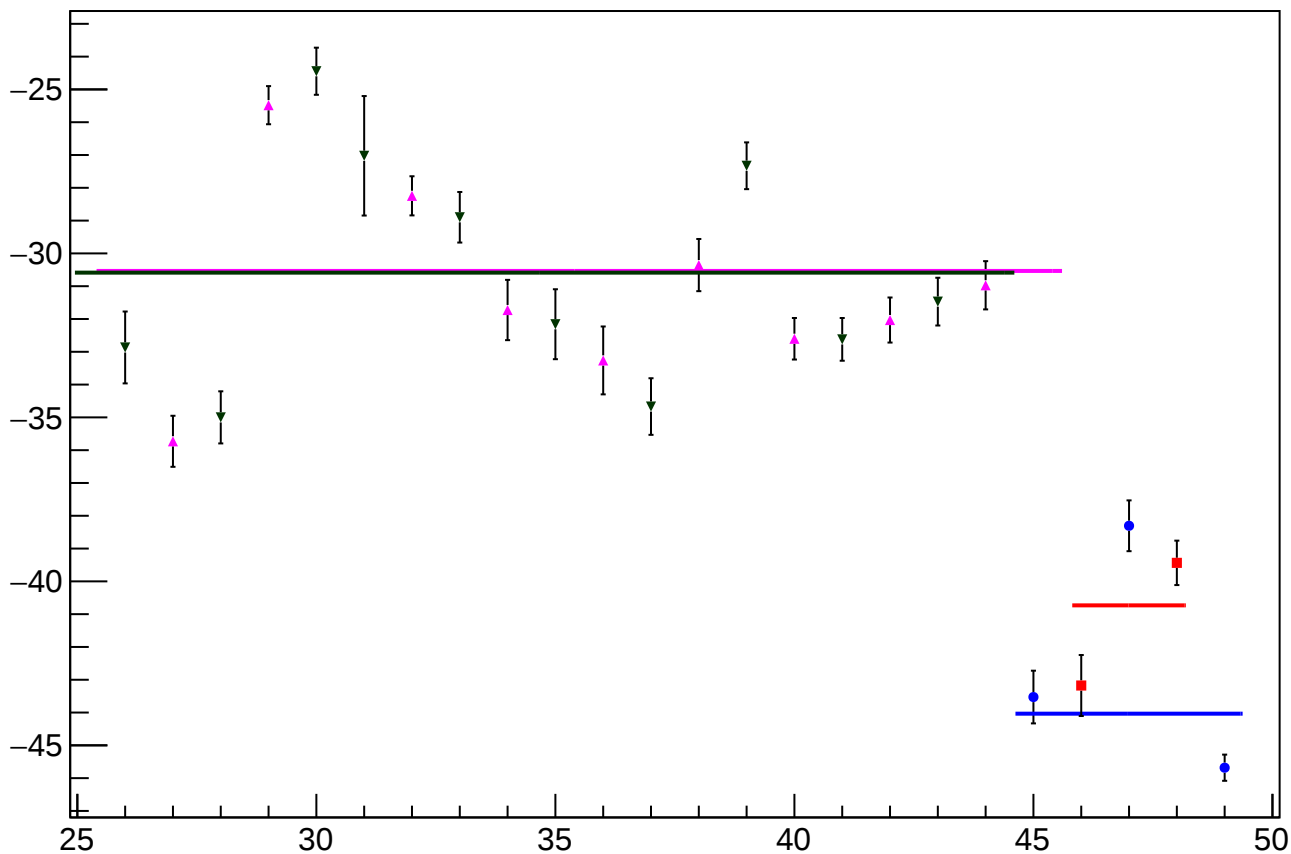
Right Out: -353.242+/-0.413 χ^2/NDF : 410.3/1

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-357.652+/-0.151 χ^2/NDF : 155589.5/12

-382.235+/-0.167 χ^2/NDF : 14629.0/10

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.034 $\pm$ 0.325 χ^2 /NDF: 72.1/2

Left Out: -30.587 $\pm$ 0.260 χ^2 /NDF:173.5/9

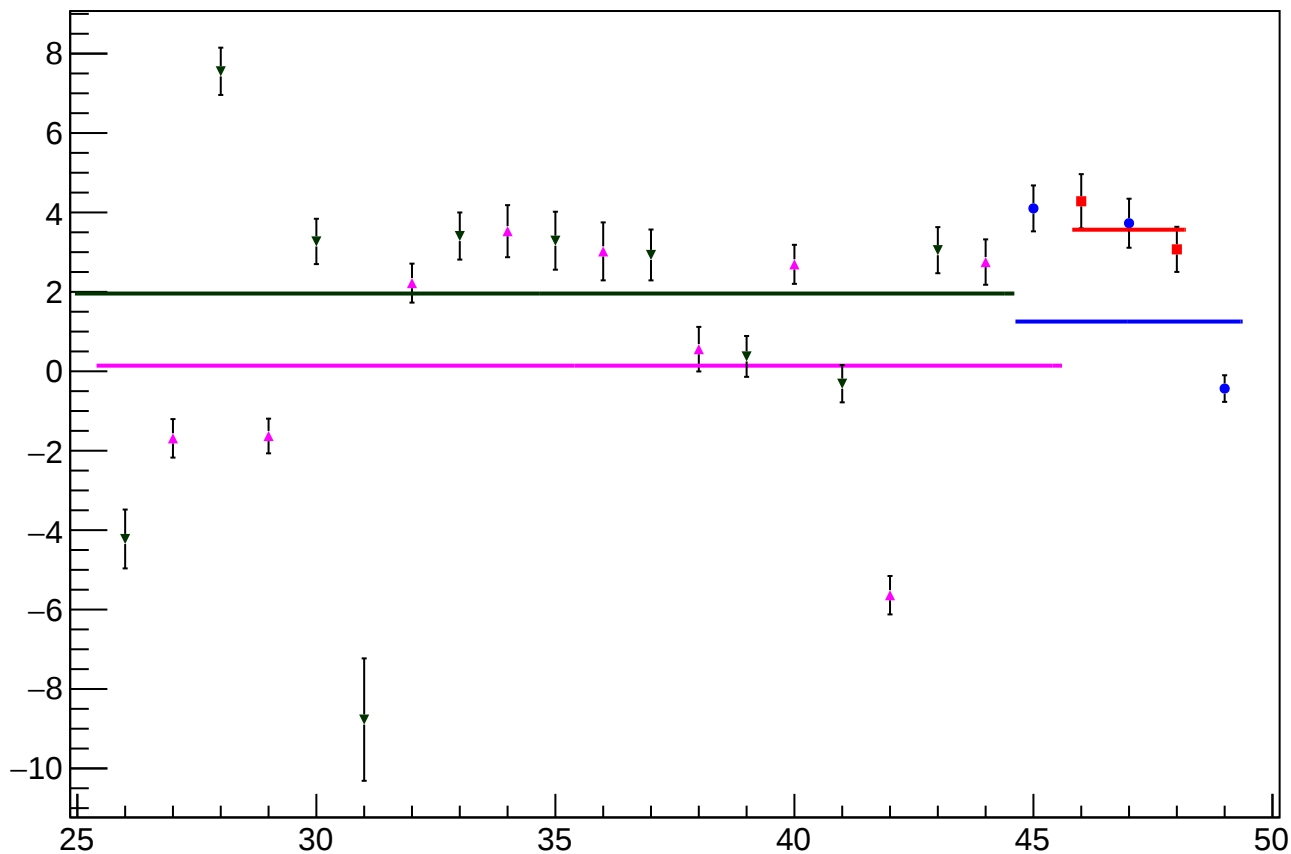
Right Out: -40.732 $\pm$ 0.547 χ^2 /NDF: 10.6/1

Left In: -30.535 $\pm$ 0.239 χ^2 /NDF:159.3/8

-35.847 $\pm$ 0.203 χ^2 /NDF: 1290.6/12

-32.162 $\pm$ 0.219 χ^2 /NDF: 461.4/10

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.253 $\pm$ 0.262 χ^2 /NDF: 65.7/2

Left Out: 1.958 $\pm$ 0.194 χ^2 /NDF: 259.6/9

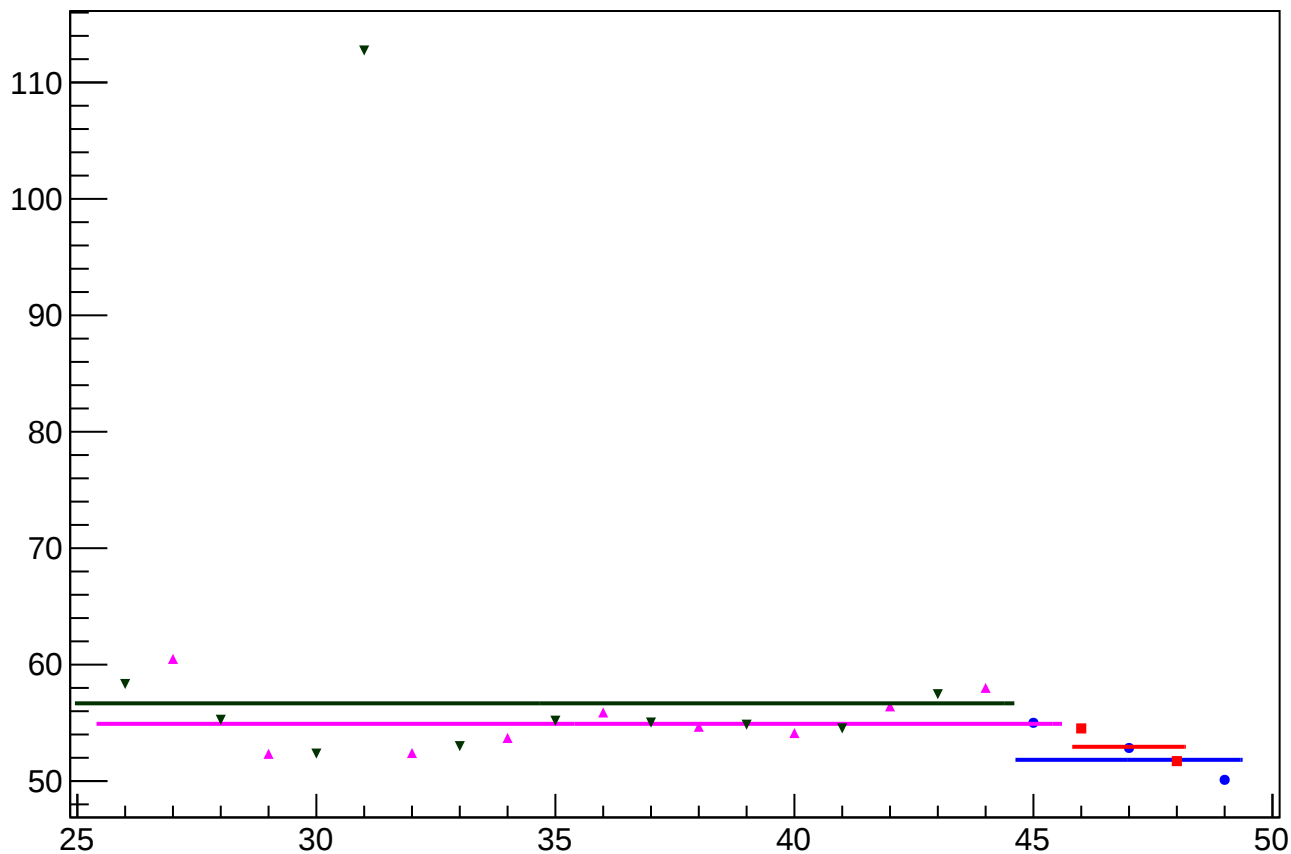
Right Out: 3.565 $\pm$ 0.437 χ^2 /NDF: 1.9/1

Left In: 0.142 $\pm$ 0.175 χ^2 /NDF: 282.1/8

1.709 $\pm$ 0.156 χ^2 /NDF: 329.9/12

0.617 $\pm$ 0.163 χ^2 /NDF: 336.8/10

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.827+/-0.061 χ^2/NDF : 1115.6/2

Left Out: 56.677+/-0.043 χ^2/NDF : 56330.1/9

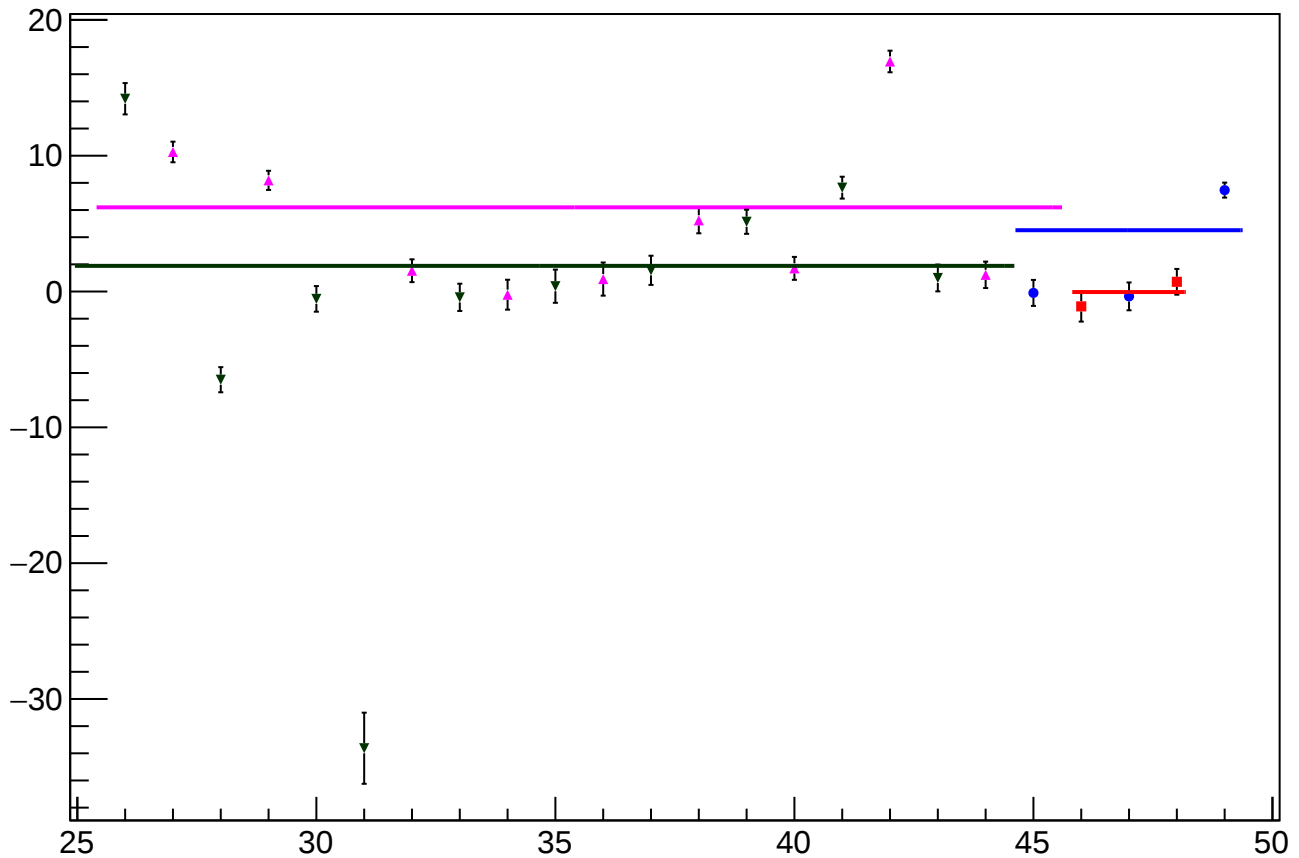
Right Out: 52.945+/-0.093 χ^2/NDF : 225.9/1

Left In: 54.917+/-0.041 χ^2/NDF : 3795.7/8

55.062+/-0.035 χ^2/NDF : 61649.4/12

54.596+/-0.037 χ^2/NDF : 4400.4/10

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.513+/-0.433 χ^2/NDF : 74.4/2

Left Out: 1.889+/-0.324 χ^2/NDF : 458.6/9

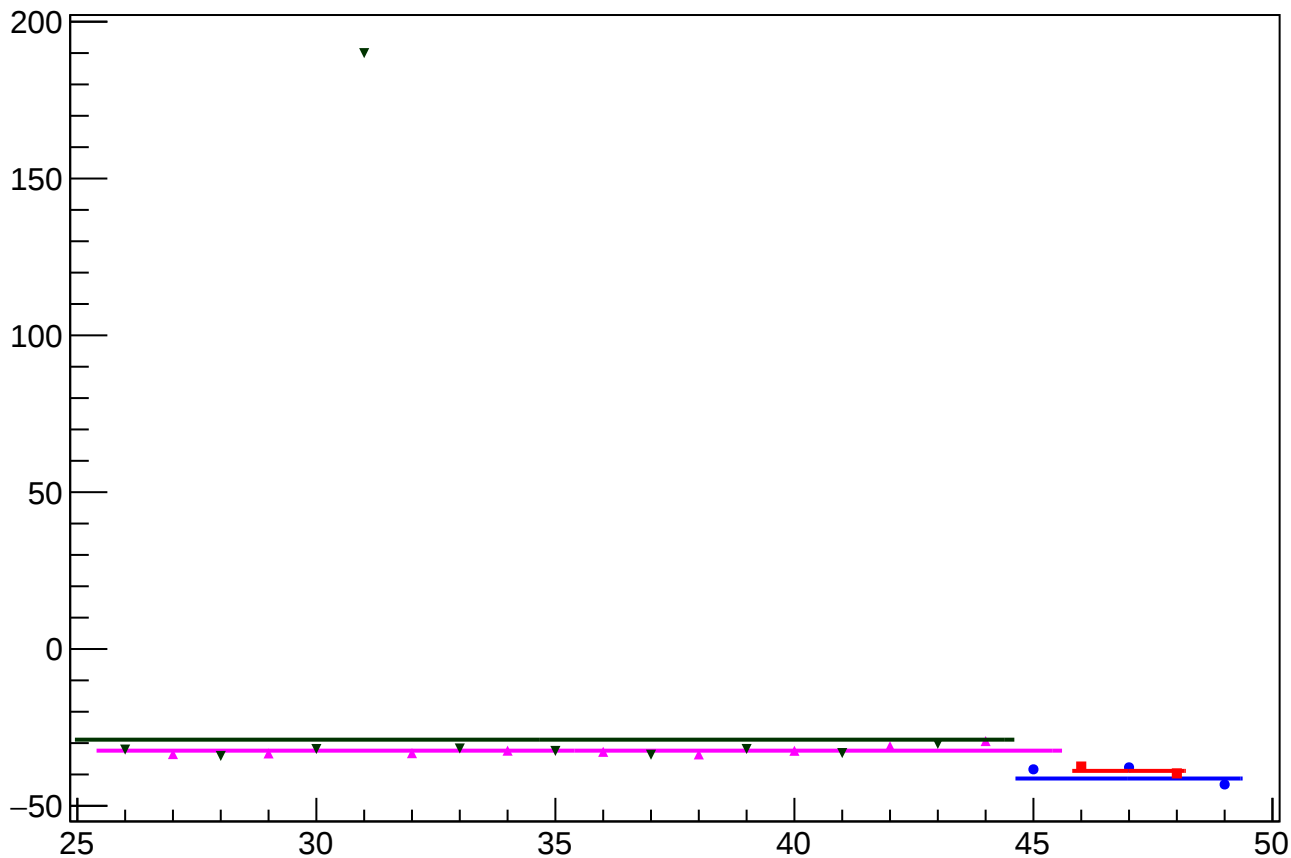
Right Out: -0.038+/-0.723 χ^2/NDF : 1.5/1

Left In: 6.198+/-0.291 χ^2/NDF : 358.2/8

2.829+/-0.259 χ^2/NDF : 556.5/12

5.328+/-0.270 χ^2/NDF : 423.7/10

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.290 ± 0.084 $\chi^2/\text{NDF}: 883.0/2$

Left Out: -28.904 ± 0.059 $\chi^2/\text{NDF}: 220574.6/9$

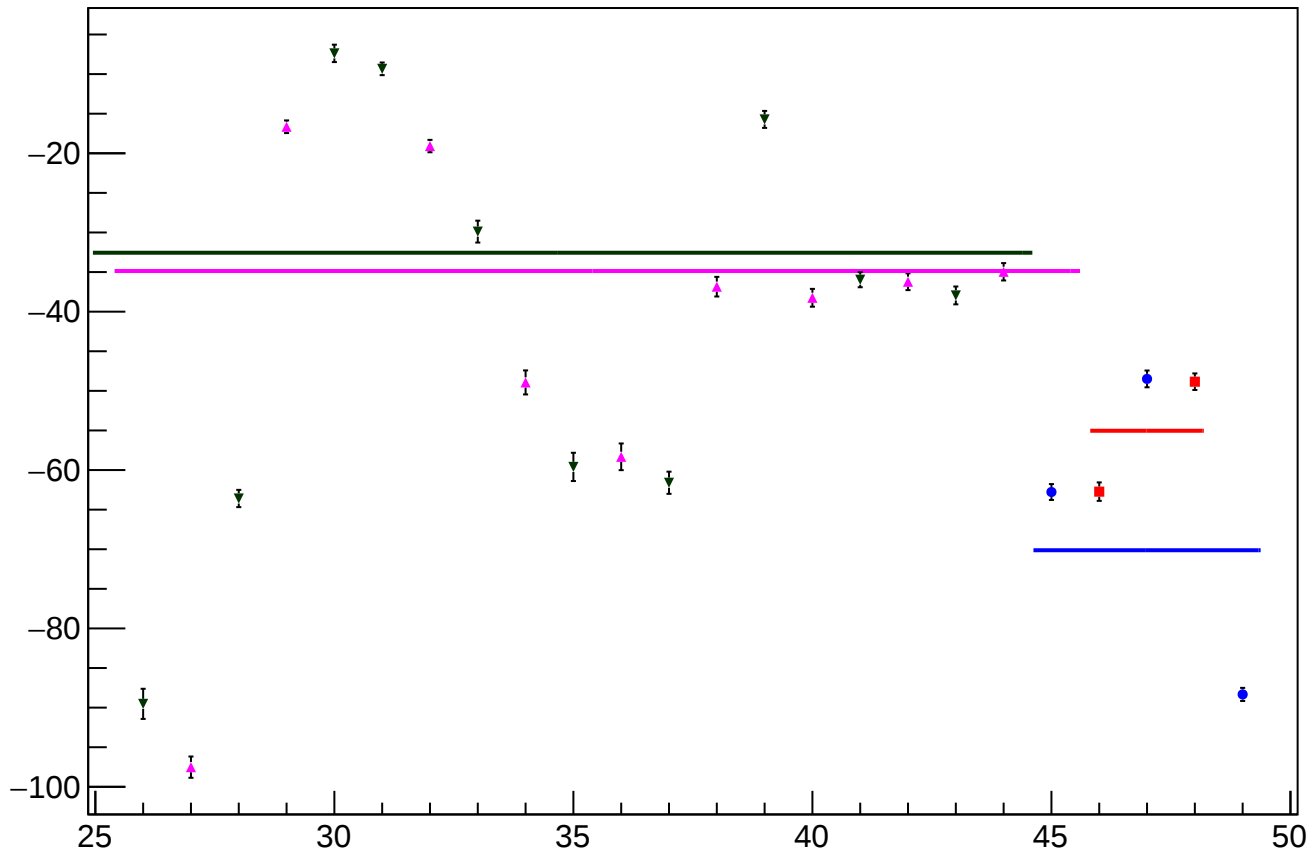
Right Out: -38.857 ± 0.133 $\chi^2/\text{NDF}: 62.6/1$

Left In: -32.407 ± 0.060 $\chi^2/\text{NDF}: 448.7/8$

-32.980 ± 0.048 $\chi^2/\text{NDF}: 236178.1/12$

-33.494 ± 0.055 $\chi^2/\text{NDF}: 2472.4/10$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -70.126 ± 0.547 $\chi^2/\text{NDF}: 954.8/2$

Left Out: -32.557 ± 0.362 $\chi^2/\text{NDF}: 4020.8/9$

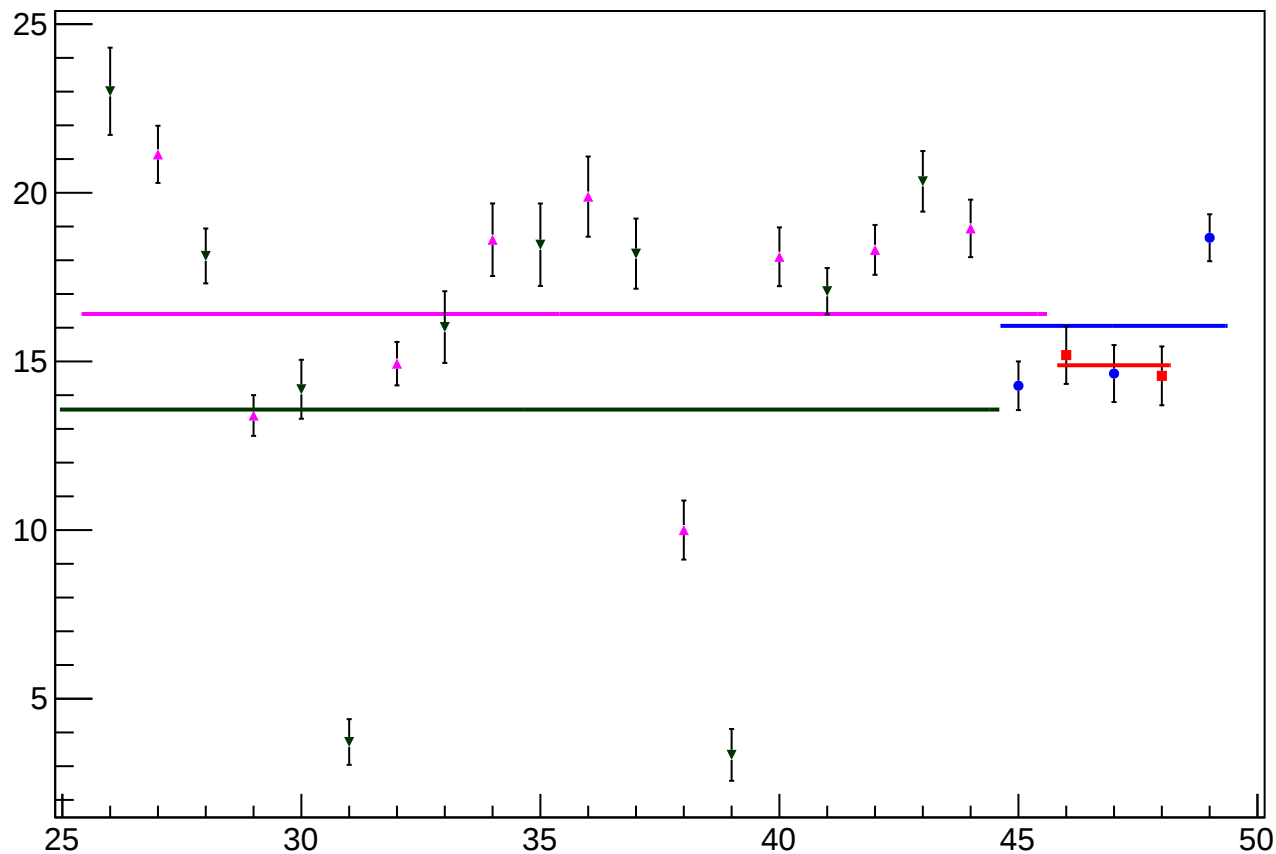
Right Out: -55.037 ± 0.778 $\chi^2/\text{NDF}: 78.6/1$

Left In: -34.865 ± 0.360 $\chi^2/\text{NDF}: 3392.2/8$

-44.027 ± 0.302 $\chi^2/\text{NDF}: 8257.4/12$

-38.424 ± 0.327 $\chi^2/\text{NDF}: 4023.7/10$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.055 ± 0.431 χ^2/NDF : 22.9/2

Left Out: 13.573 ± 0.276 χ^2/NDF : 598.2/9

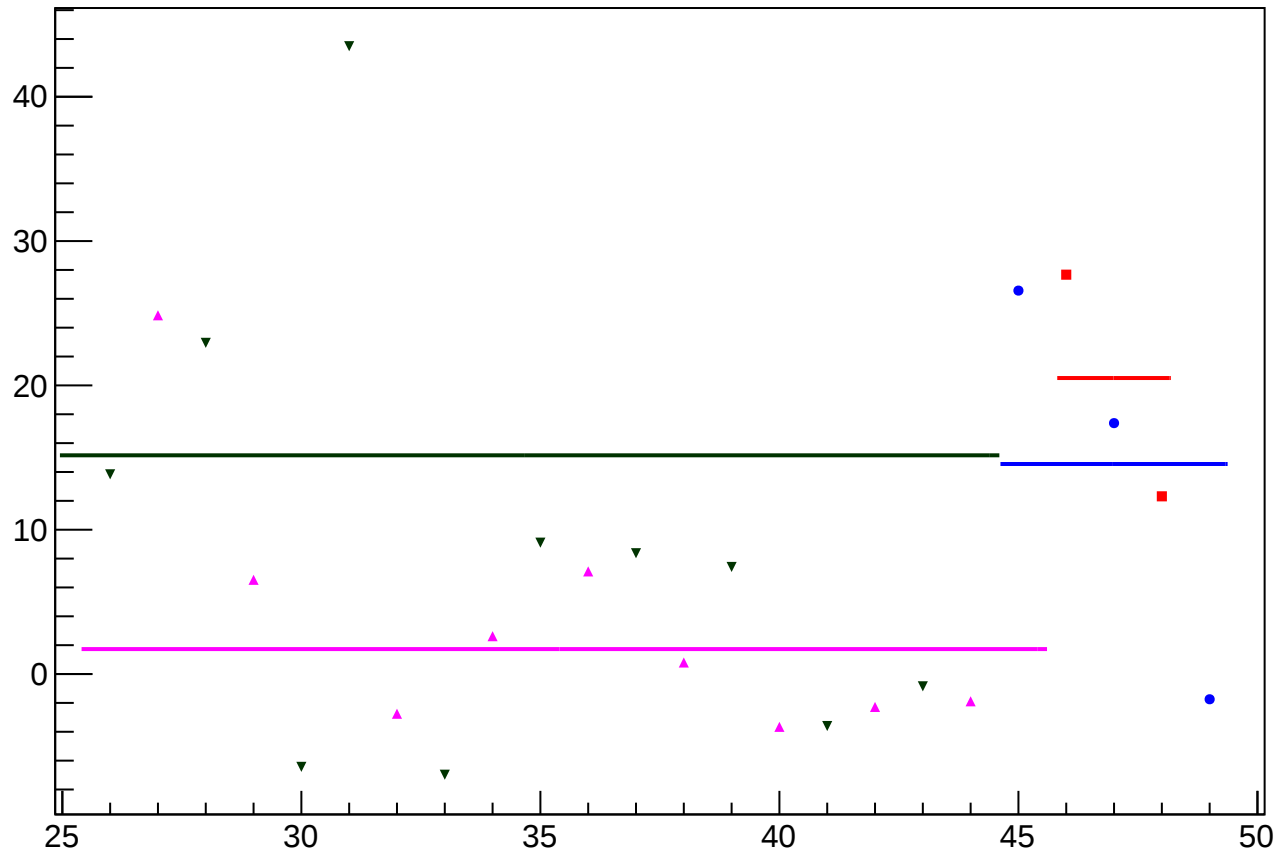
Right Out: 14.887 ± 0.611 χ^2/NDF : 0.3/1

Left In: 16.407 ± 0.268 χ^2/NDF : 146.8/8

14.295 ± 0.232 χ^2/NDF : 644.7/12

16.162 ± 0.245 χ^2/NDF : 152.2/10

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 14.554+/-0.098 χ^2/NDF : 15045.2/2

Left Out: 15.156+/-0.057 χ^2/NDF : 119762.0/9

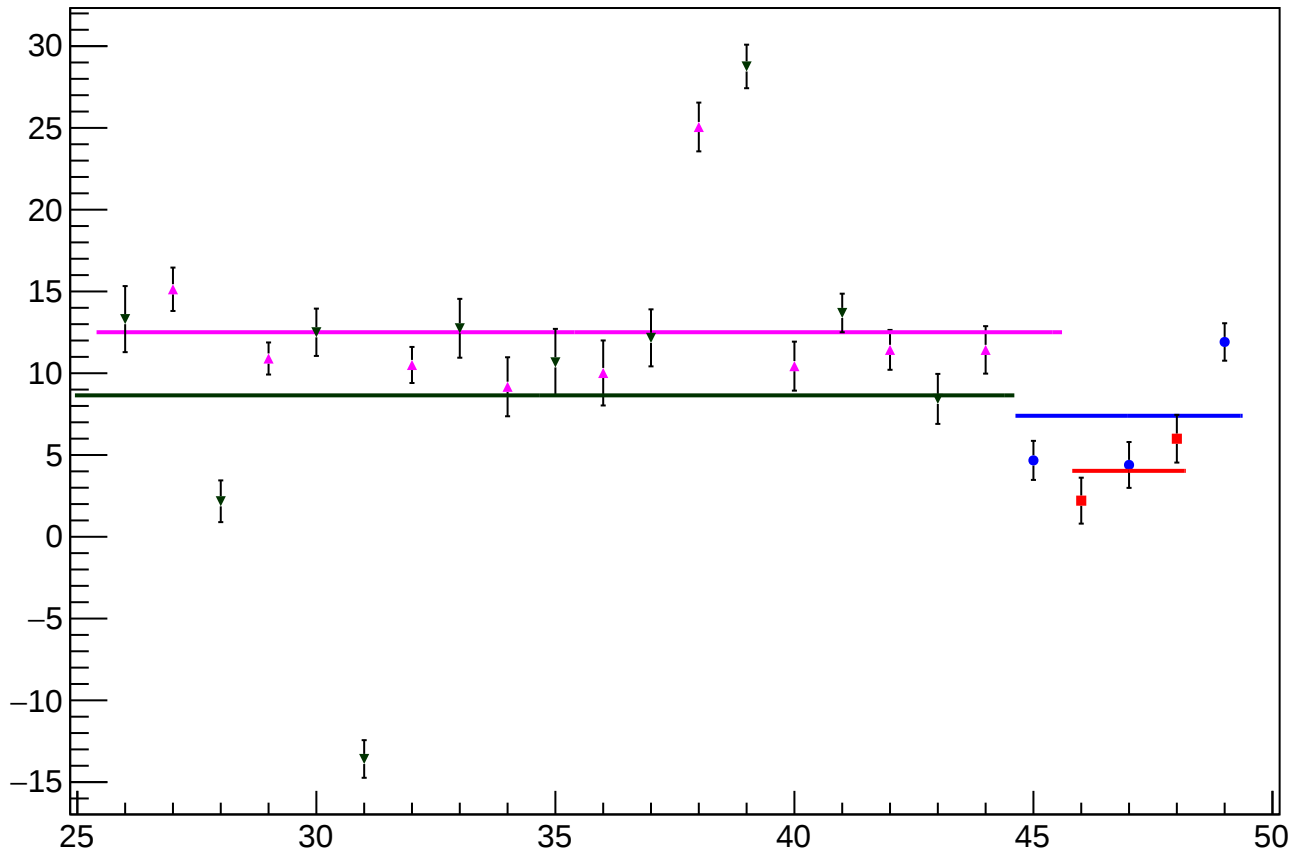
15.002+/-0.049 χ^2/NDF : 134835.5/12

Right Out: 20.511+/-0.128 χ^2/NDF : 3572.5/1

5.226+/-0.055 χ^2/NDF : 34885.9/10

Left In: 1.730+/-0.061 χ^2/NDF : 13843.5/8

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 7.398 ± 0.712 χ^2/NDF : 25.4/2

Left Out: 8.647 ± 0.462 χ^2/NDF : 668.1/9

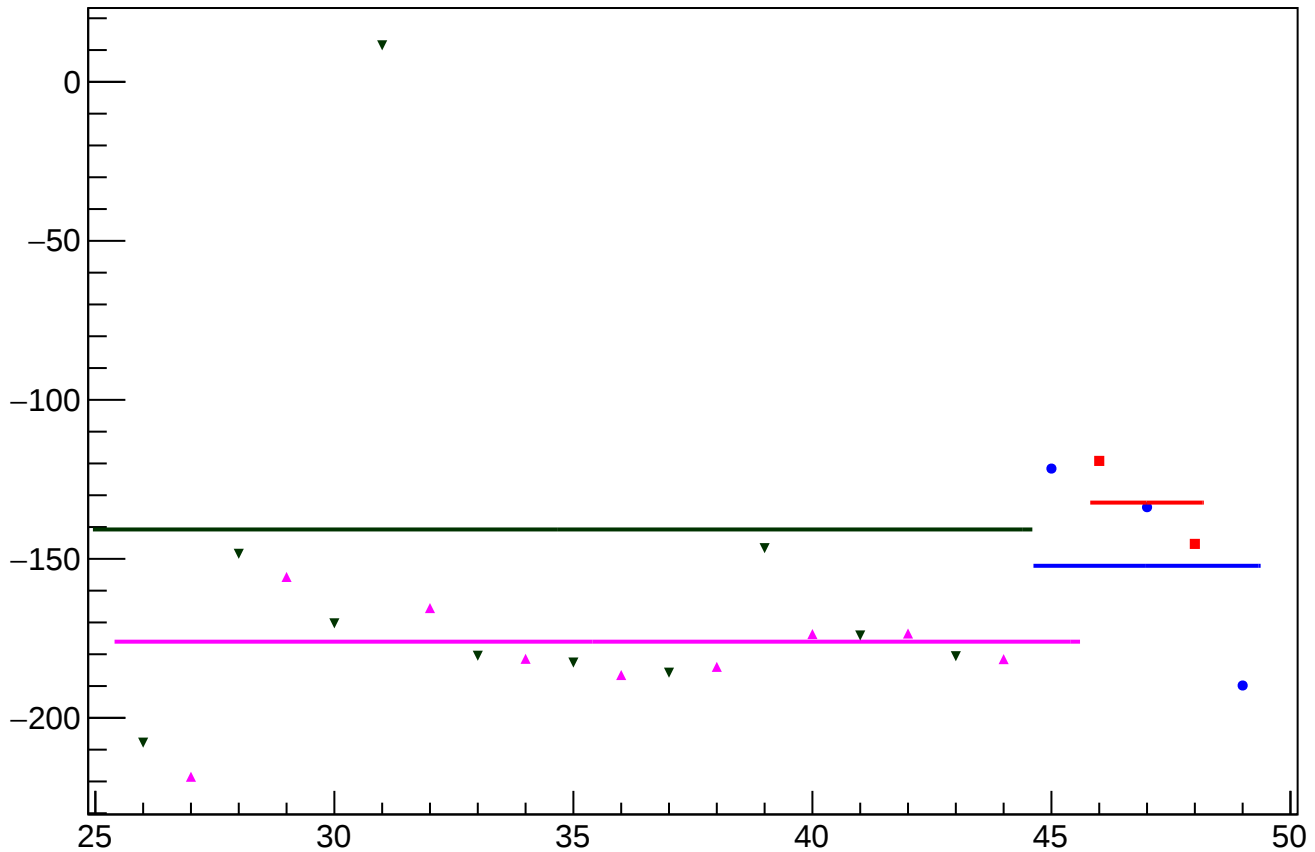
Right Out: 4.031 ± 1.012 χ^2/NDF : 3.5/1

Left In: 12.508 ± 0.446 χ^2/NDF : 89.0/8

8.277 ± 0.388 χ^2/NDF : 695.7/12

11.130 ± 0.408 χ^2/NDF : 151.3/10

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -152.185+/-0.139 χ^2/NDF : 50541.7/2

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

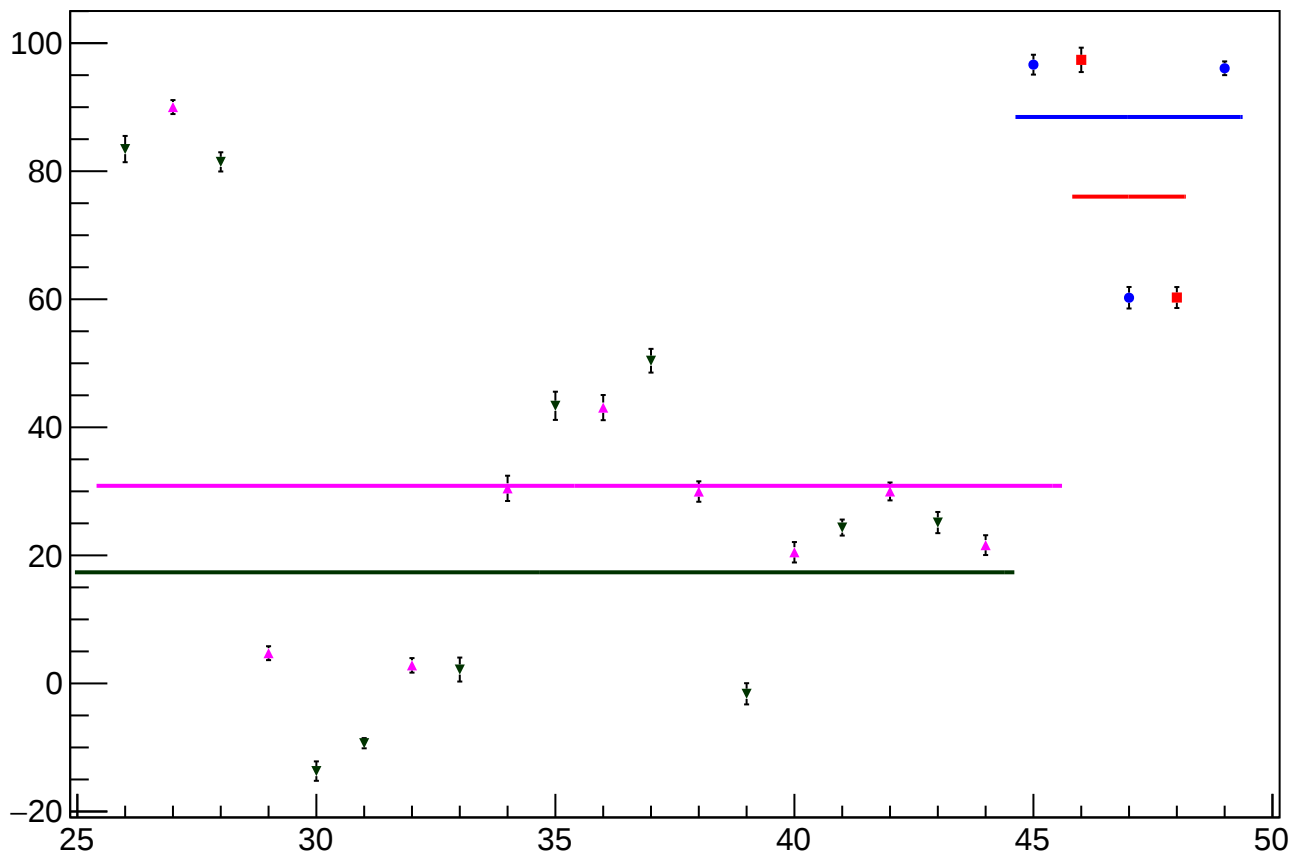
Right Out: -132.309+/-0.194 χ^2/NDF : 4511.8/1

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-143.908+/-0.073 χ^2/NDF : 745972.9/12

-167.950+/-0.084 χ^2/NDF : 74983.6/10

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 88.469+/-0.782 χ^2/NDF : 360.1/2

Left Out: 17.356+/-0.455 χ^2/NDF : 5107.4/9

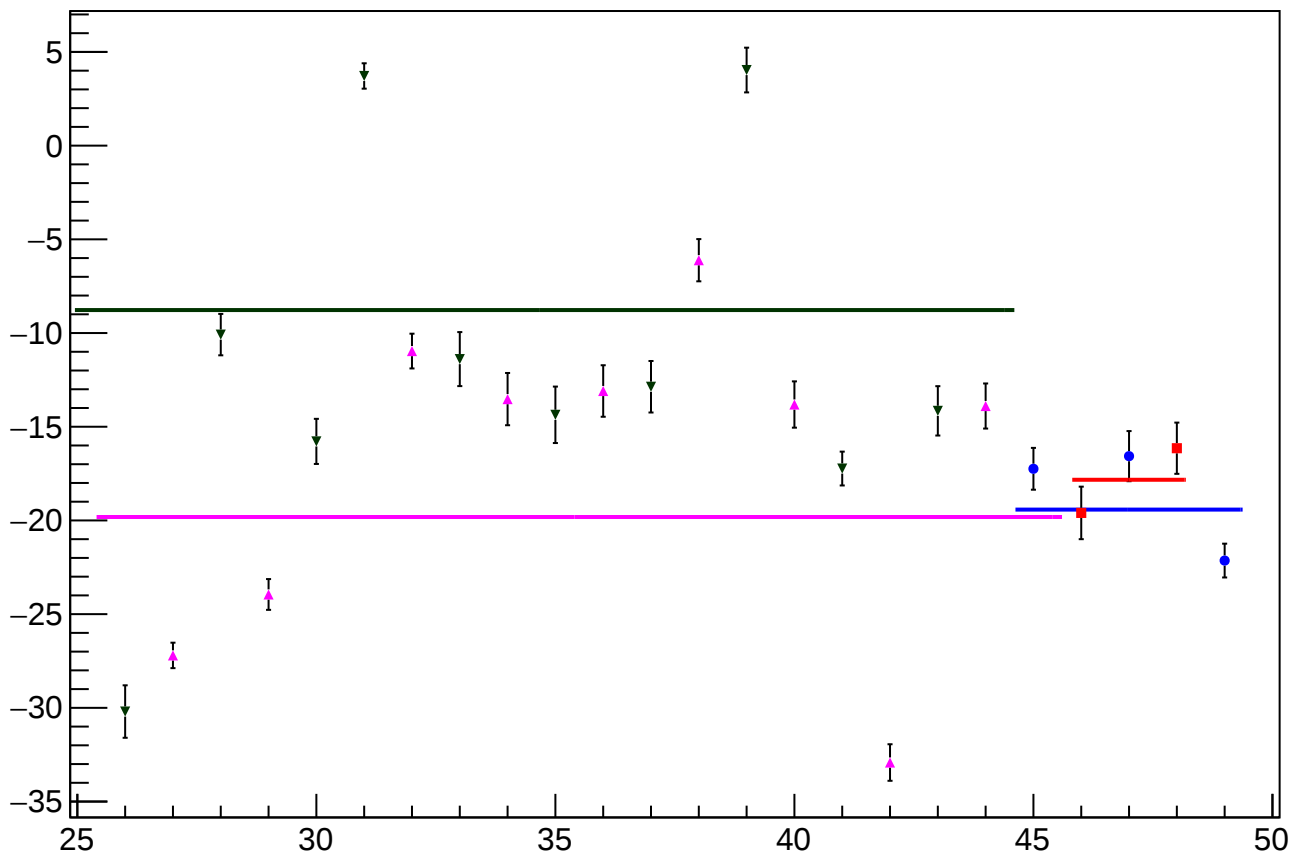
Right Out: 76.030+/-1.241 χ^2/NDF : 218.5/1

Left In: 30.865+/-0.462 χ^2/NDF : 4236.0/8

35.350+/-0.393 χ^2/NDF : 11652.2/12

36.358+/-0.433 χ^2/NDF : 5617.8/10

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.421 $\pm$ 0.621 χ^2 /NDF: 17.4/2

Left Out: -8.774 $\pm$ 0.350 χ^2 /NDF: 855.1/9

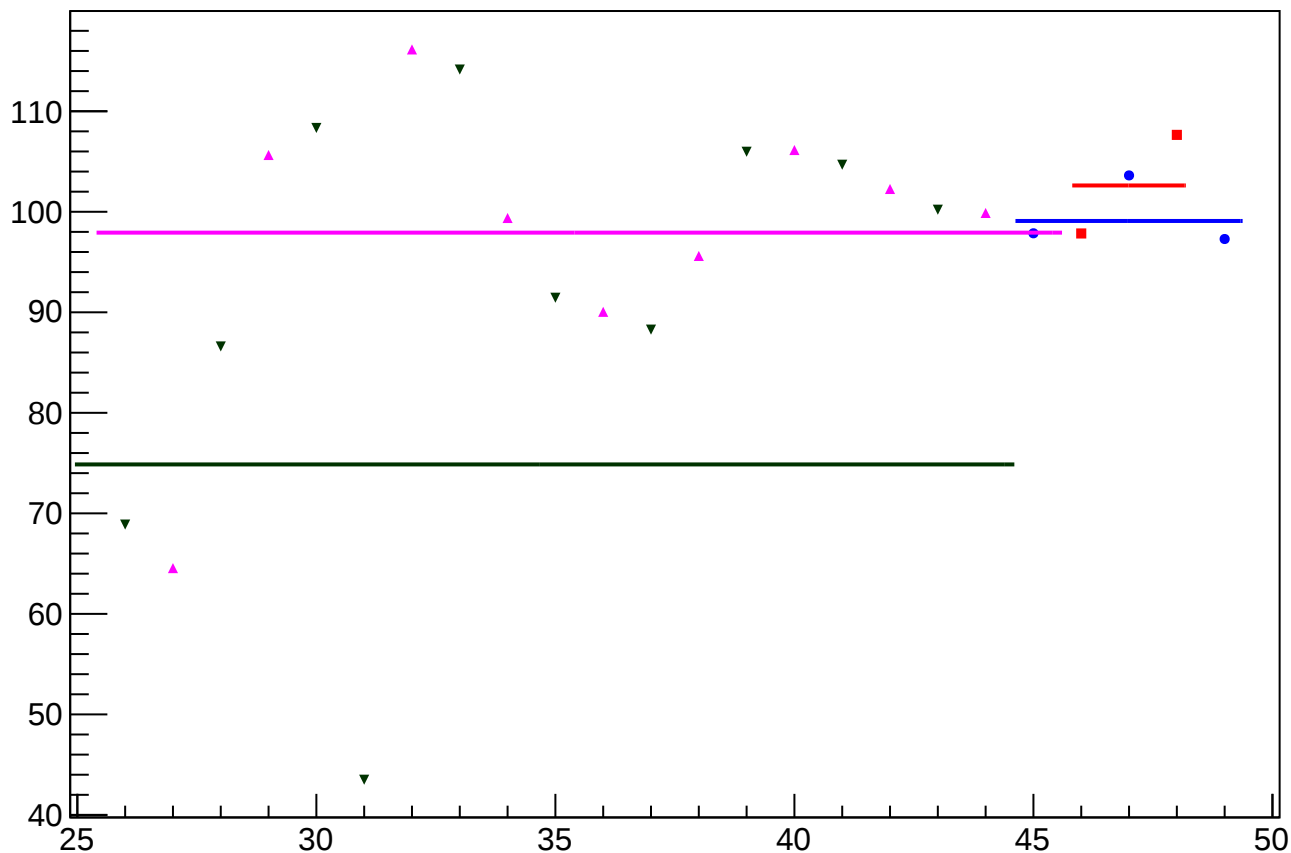
Right Out: -17.830 $\pm$ 0.978 χ^2 /NDF: 3.1/1

Left In: -19.816 $\pm$ 0.333 χ^2 /NDF: 655.3/8

-11.341 $\pm$ 0.305 χ^2 /NDF: 1095.5/12

-19.611 $\pm$ 0.315 χ^2 /NDF: 662.1/10

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 99.086±/0.142 χ^2/NDF : 348.3/2

Left Out: 74.867±/0.070 χ^2/NDF :168612.2/9

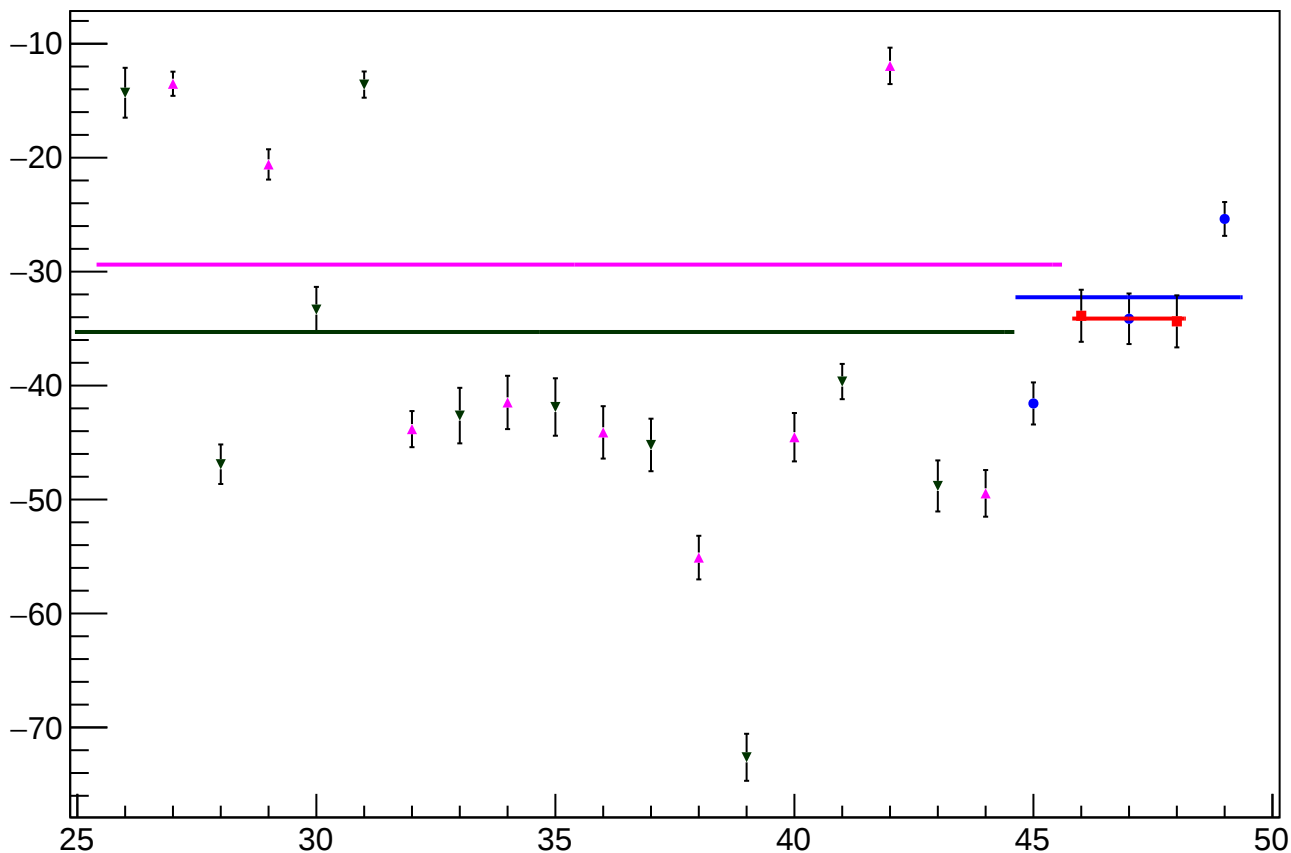
Right Out: 102.618±/0.206 χ^2/NDF : 565.0/1

Left In: 97.925±/0.079 χ^2/NDF :43942.4/8

79.577±/0.063 χ^2/NDF : 192334.4/12

98.527±/0.074 χ^2/NDF : 44958.8/10

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -32.249+/-1.026 χ^2/NDF : 47.6/2

Left Out: -35.297+/-0.586 χ^2/NDF : 899.8/9

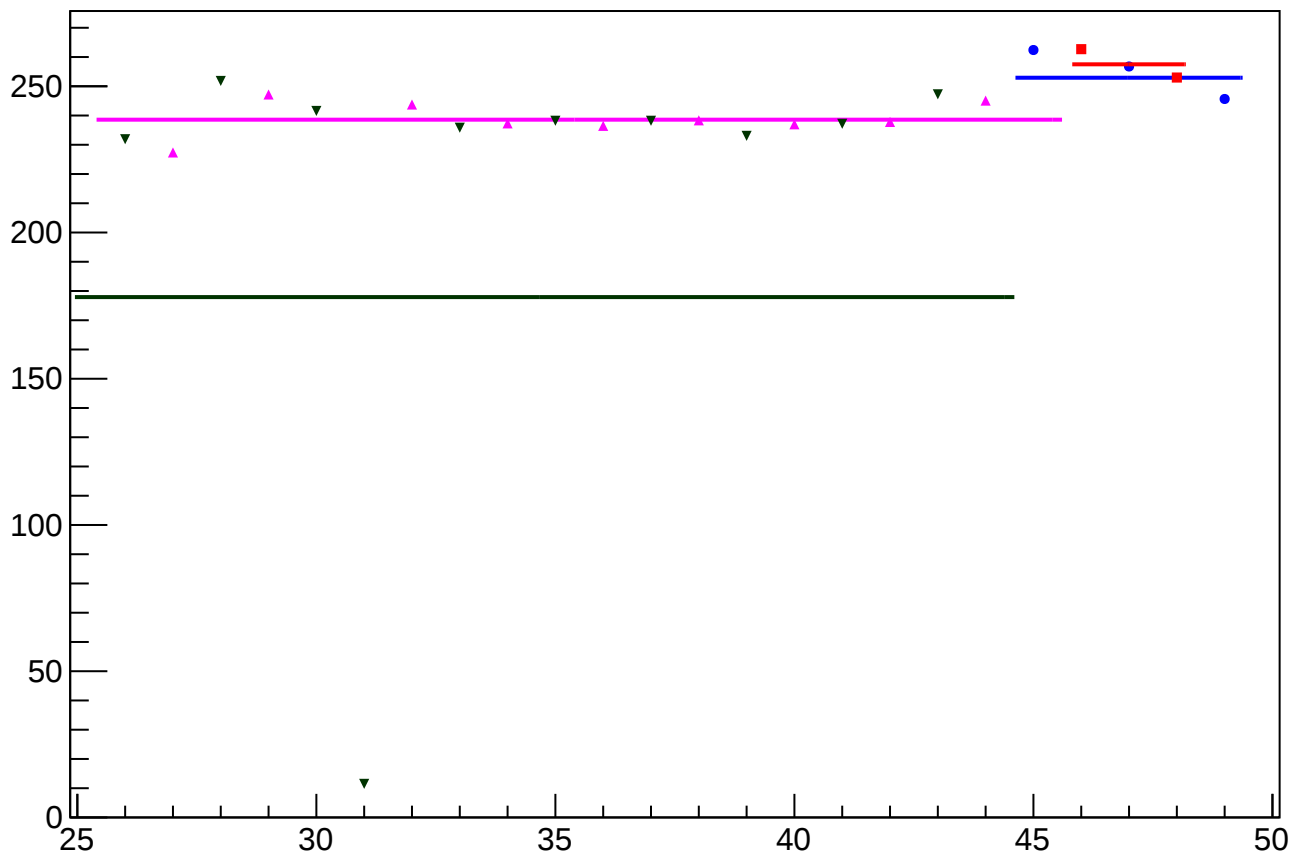
Right Out: -34.120+/-1.615 χ^2/NDF : 0.0/1

Left In: -29.383+/-0.546 χ^2/NDF : 865.1/8

-34.547+/-0.509 χ^2/NDF : 954.1/12

-29.870+/-0.518 χ^2/NDF : 872.9/10

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 252.922 $\pm$ 0.199 χ^2 /NDF: 1397.2/2

Left Out: 177.919 $\pm$ 0.108 χ^2 /NDF: 891925.7/9

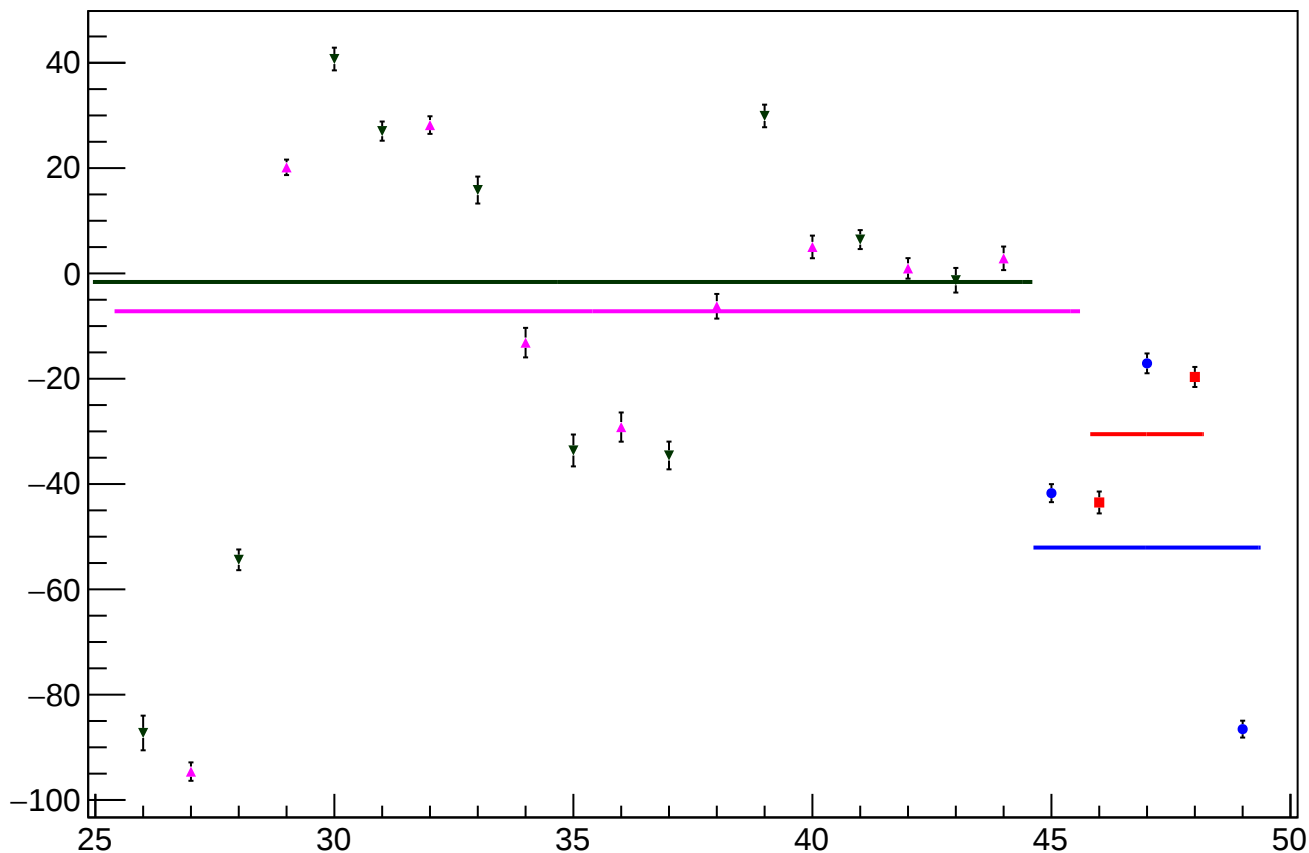
Right Out: 257.507 $\pm$ 0.307 χ^2 /NDF: 249.2/1

Left In: 238.578 $\pm$ 0.118 χ^2 /NDF: 3012.9/8

194.885 $\pm$ 0.095 χ^2 /NDF: 1003293.0/12

241.003 $\pm$ 0.110 χ^2 /NDF: 6585.4/10

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -52.063±0.993 χ^2/NDF : 845.3/2

Left Out: -1.625±0.710 χ^2/NDF : 2580.3/9

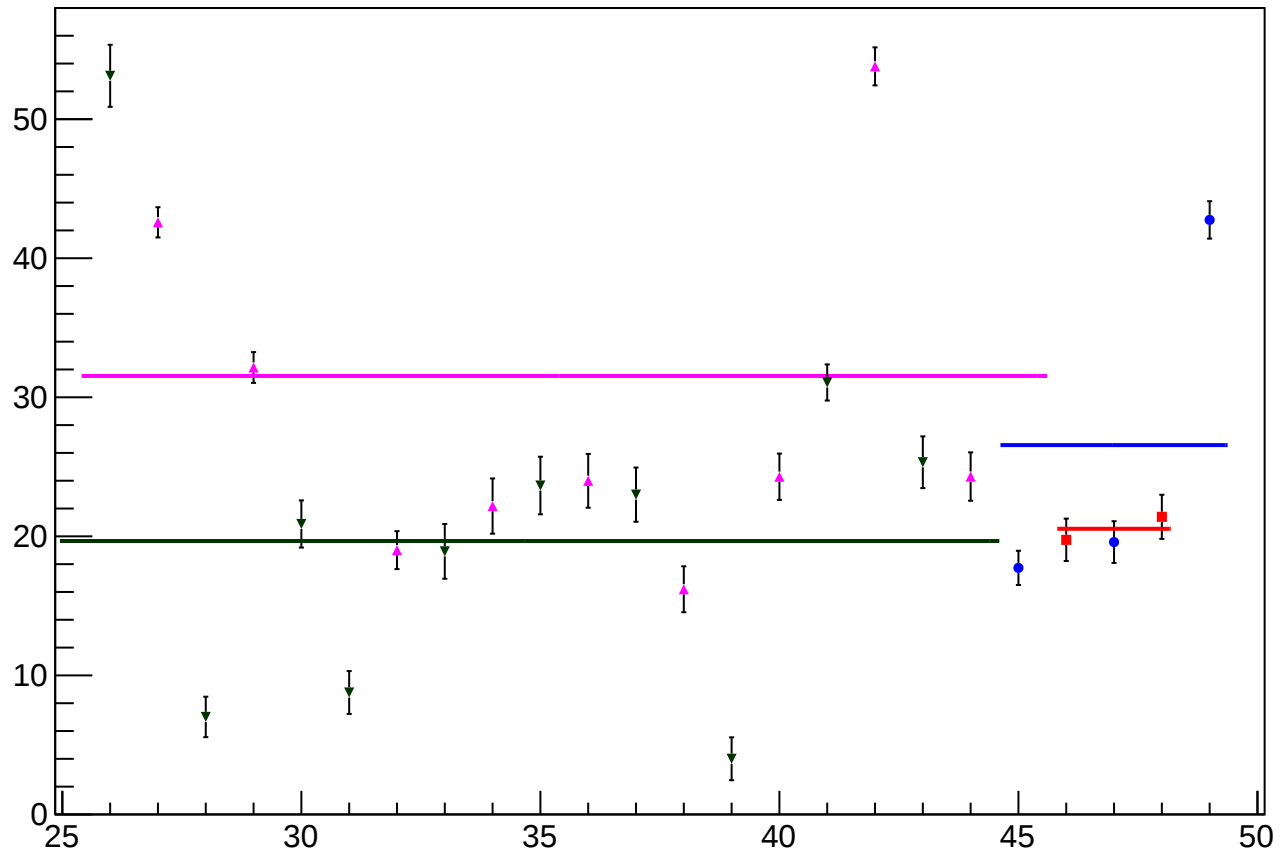
Right Out: -30.528±1.403 χ^2/NDF : 71.6/1

Left In: -7.188±0.664 χ^2/NDF : 3435.6/8

-18.699±0.578 χ^2/NDF : 5132.0/12

-11.457±0.600 χ^2/NDF : 3733.1/10

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 26.561 ± 0.777 χ^2/NDF : 217.9/2

Left Out: 19.664 ± 0.535 χ^2/NDF : 547.2/9

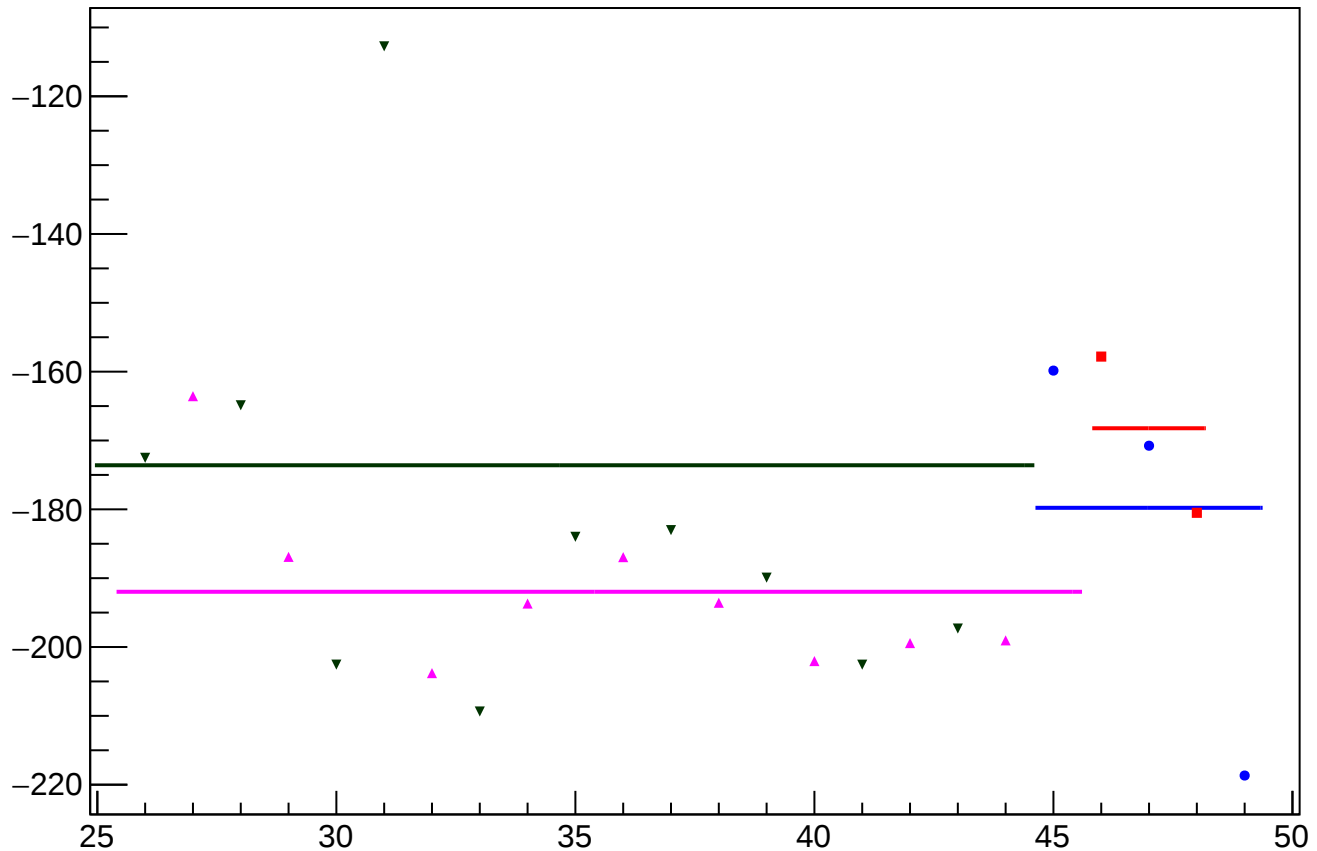
Right Out: 20.544 ± 1.099 χ^2/NDF : 0.6/1

Left In: 31.534 ± 0.481 χ^2/NDF : 612.9/8

21.882 ± 0.440 χ^2/NDF : 818.7/12

29.764 ± 0.441 χ^2/NDF : 697.4/10

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -179.778 $\pm$ 0.175 χ^2 /NDF: 20064.5/2

Left Out: -173.597 $\pm$ 0.114 χ^2 /NDF: 92522.3/9

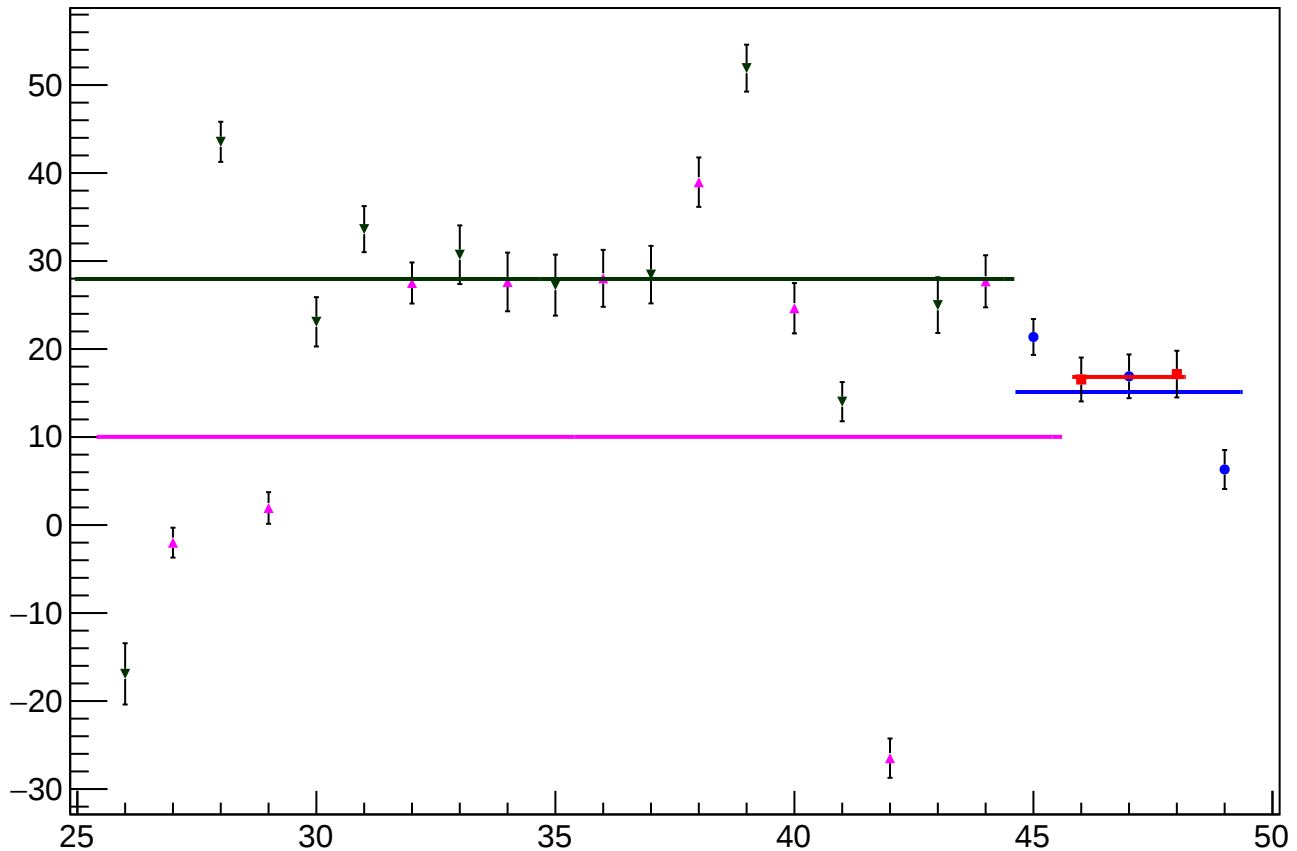
Right Out: -168.222 $\pm$ 0.231 χ^2 /NDF: 2394.2/1

Left In: -191.976 $\pm$ 0.115 χ^2 /NDF: 12393.0/8

-175.447 $\pm$ 0.096 χ^2 /NDF: 113460.4/12

-187.292 $\pm$ 0.103 χ^2 /NDF: 23269.4/10

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 15.117 $\pm$ 1.283 χ^2 /NDF: 25.7/2

Left Out: 27.961 $\pm$ 0.892 χ^2 /NDF:342.1/9

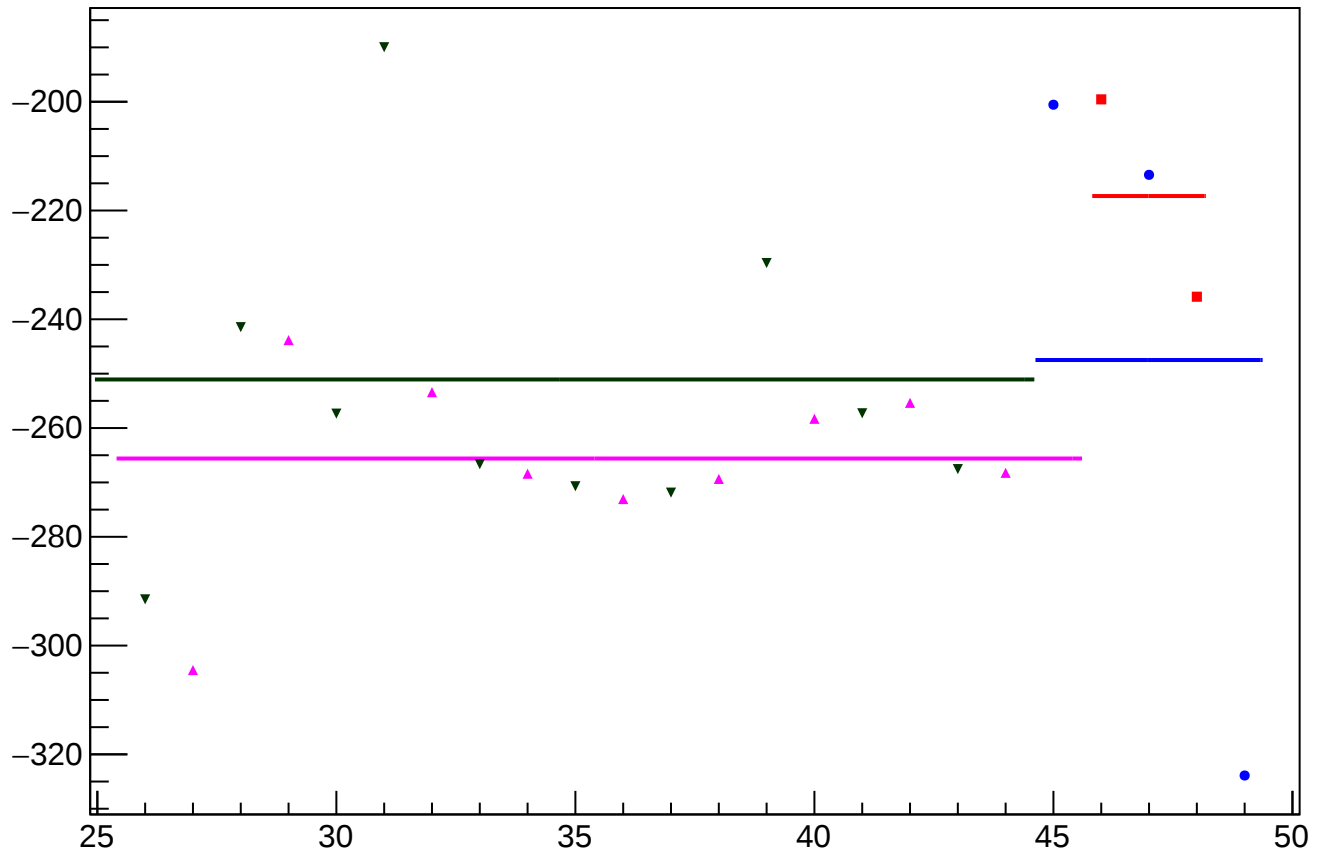
Right Out: 16.828 $\pm$ 1.816 χ^2 /NDF: 0.0/1

Left In: 10.019 $\pm$ 0.793 χ^2 /NDF:620.9/8

23.778 $\pm$ 0.732 χ^2 /NDF: 435.4/12

11.110 $\pm$ 0.727 χ^2 /NDF: 632.7/10

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -247.491+/-0.250 χ^2/NDF : 51101.3/2

Left Out: -251.066+/-0.164 χ^2/NDF : 28709.1/9

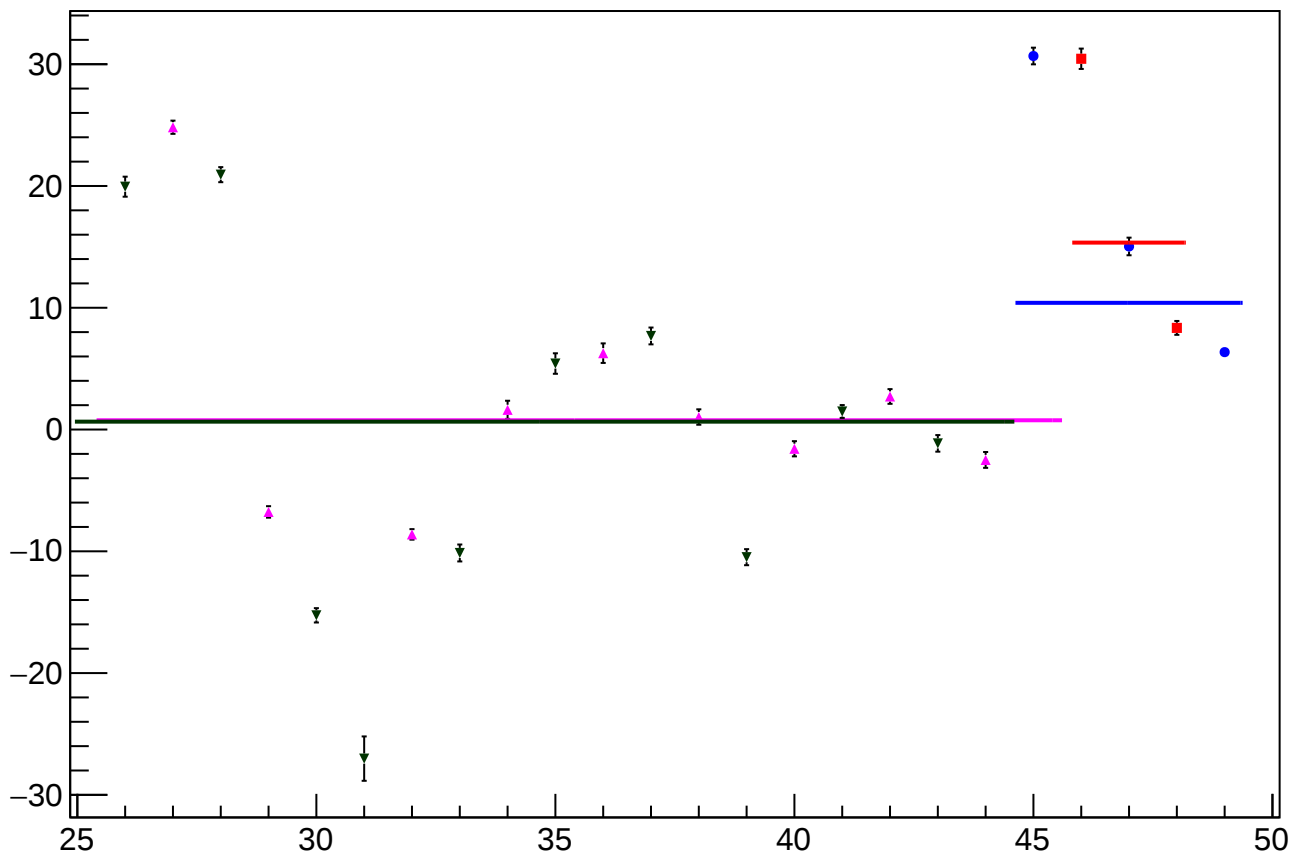
Right Out: -217.336+/-0.350 χ^2/NDF : 2691.8/1

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-249.988+/-0.137 χ^2/NDF : 79953.1/12

-256.549+/-0.151 χ^2/NDF : 30322.5/10

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 10.405 ± 0.243 χ^2/NDF : 1128.4/2

Left Out: 0.647 ± 0.219 χ^2/NDF : 3257.1/9

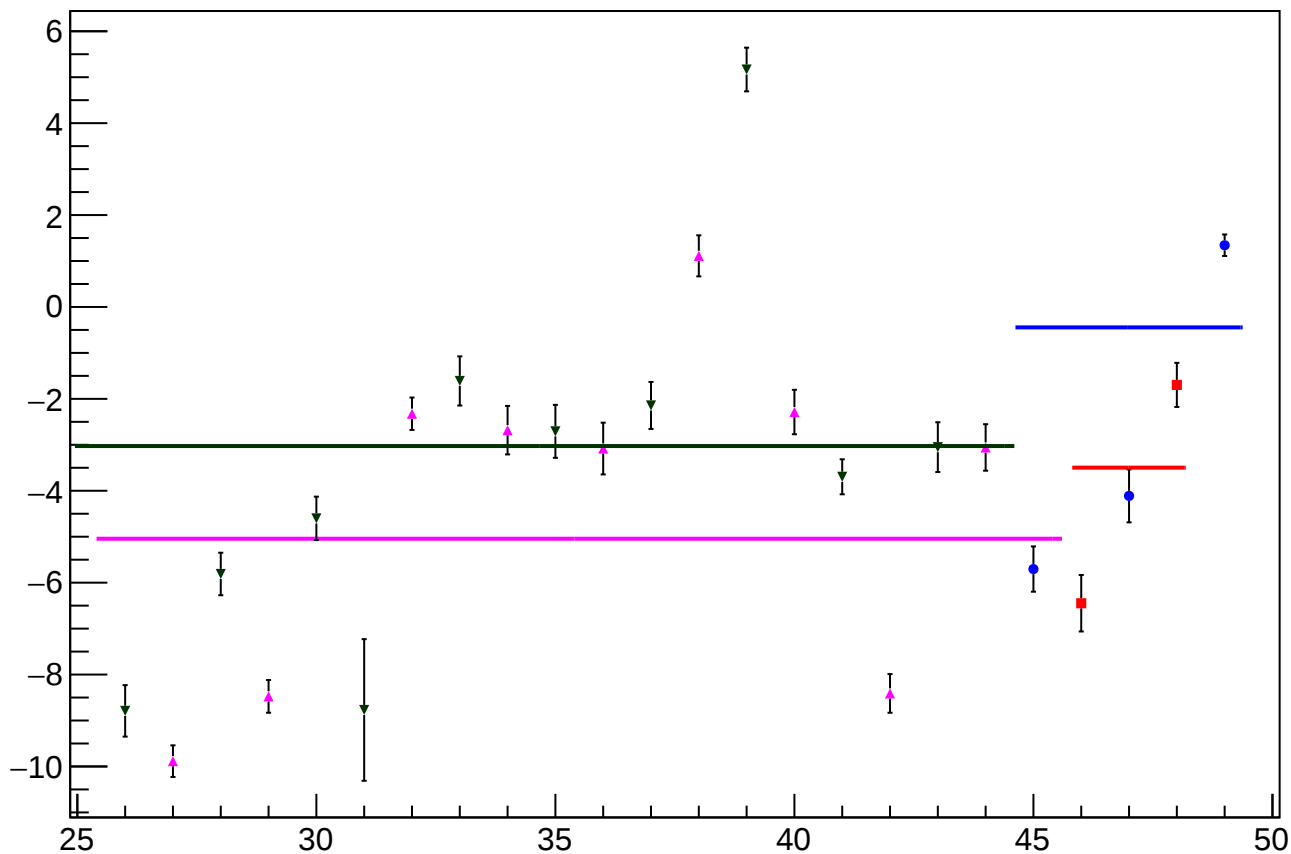
Right Out: 15.350 ± 0.470 χ^2/NDF : 477.7/1

Left In: 0.760 ± 0.193 χ^2/NDF : 2789.0/8

5.011 ± 0.163 χ^2/NDF : 5275.5/12

2.867 ± 0.179 χ^2/NDF : 4089.6/10

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -0.445 ± 0.198 χ^2/NDF : 213.0/2

Left Out: -3.027 ± 0.163 χ^2/NDF : 477.3/9

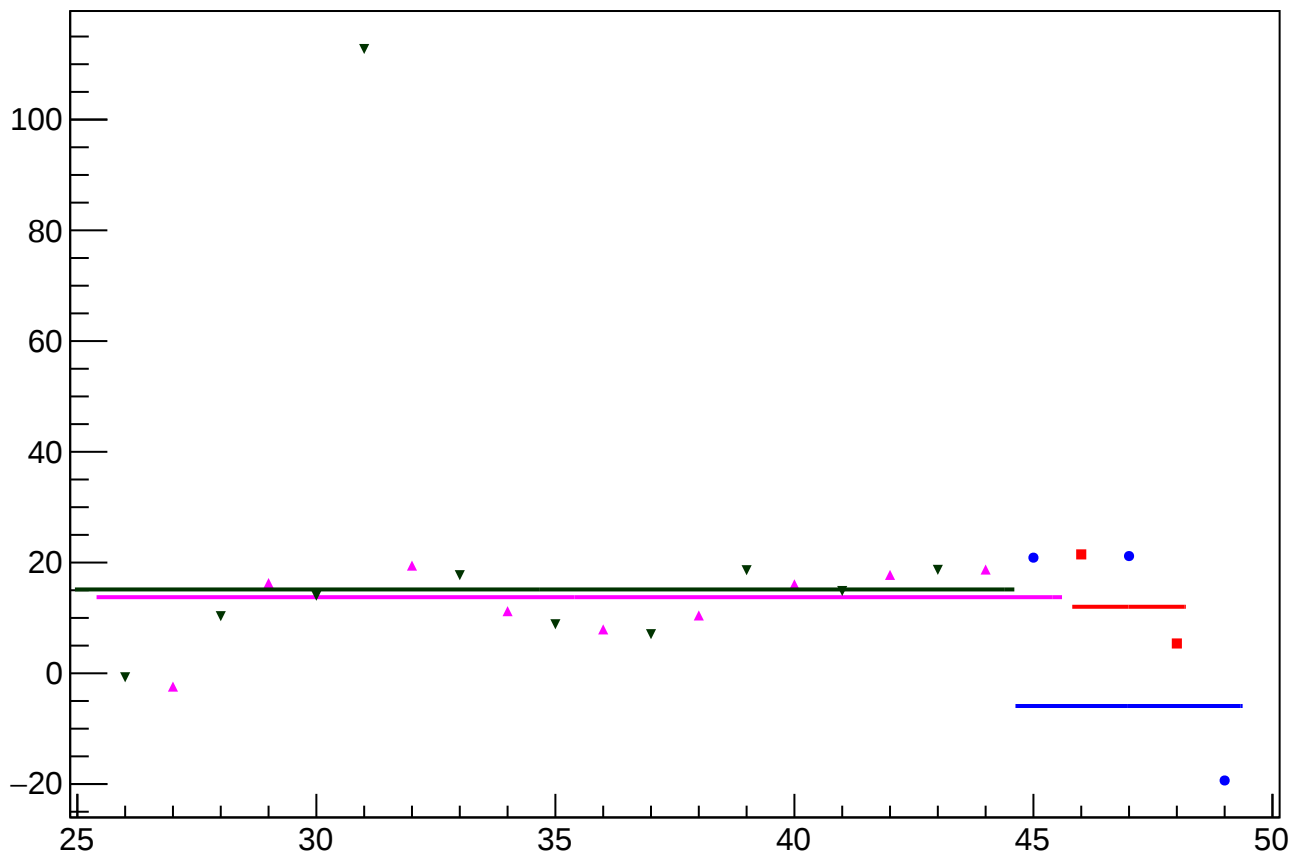
Right Out: -3.497 ± 0.378 χ^2/NDF : 37.1/1

Left In: -5.044 ± 0.141 χ^2/NDF : 684.5/8

-1.988 ± 0.126 χ^2/NDF : 791.7/12

-4.854 ± 0.132 χ^2/NDF : 736.3/10

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -5.906+/-0.047 χ^2/NDF : 165468.4/2

Left Out: 15.143+/-0.036 χ^2/NDF :187125.6/9

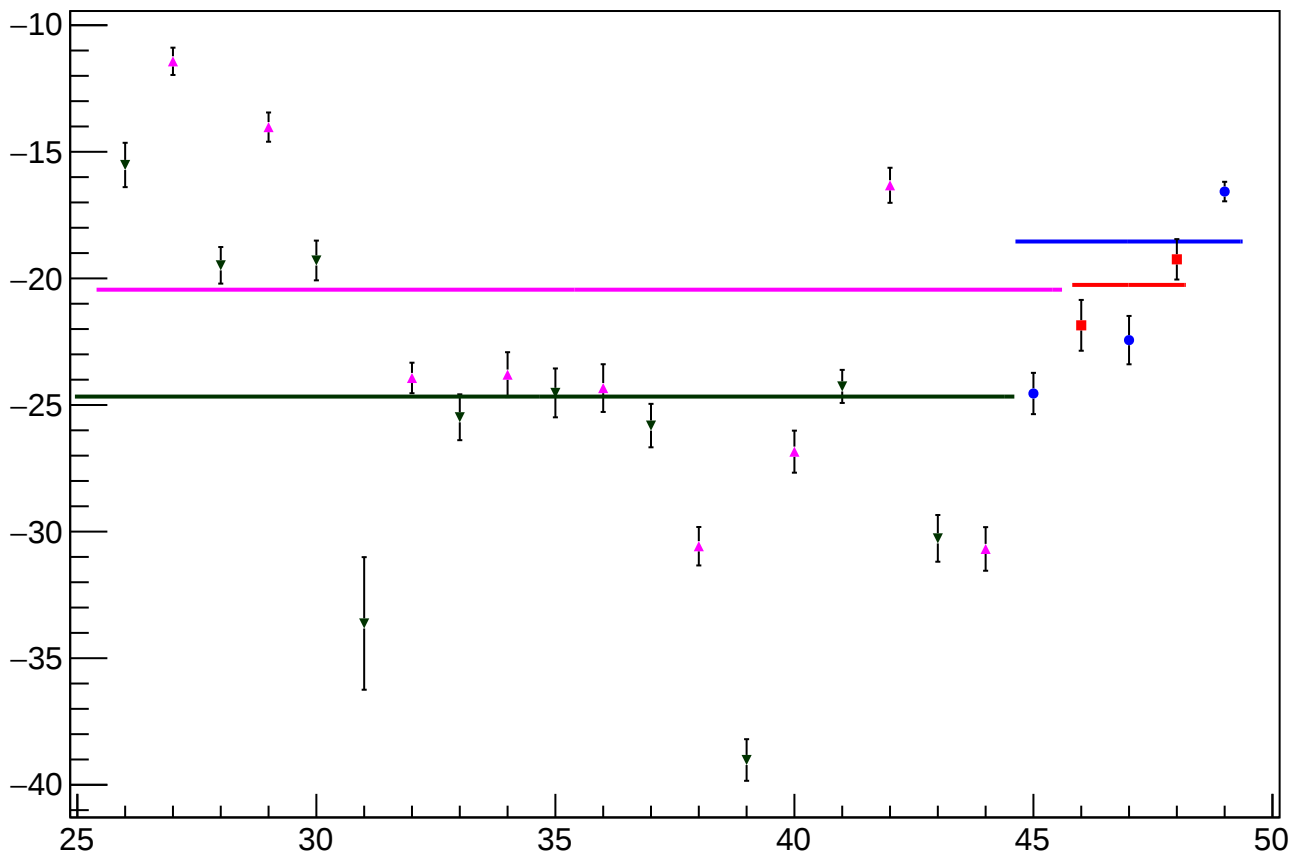
Right Out: 12.016+/-0.081 χ^2/NDF : 9553.2/1

Left In: 13.747+/-0.033 χ^2/NDF :44234.1/8

7.288+/-0.029 χ^2/NDF : 479511.0/12

13.504+/-0.030 χ^2/NDF : 54179.6/10

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.543 ± 0.327 $\chi^2/\text{NDF}: 97.1/2$

Left Out: -24.667 ± 0.271 $\chi^2/\text{NDF}: 564.2/9$

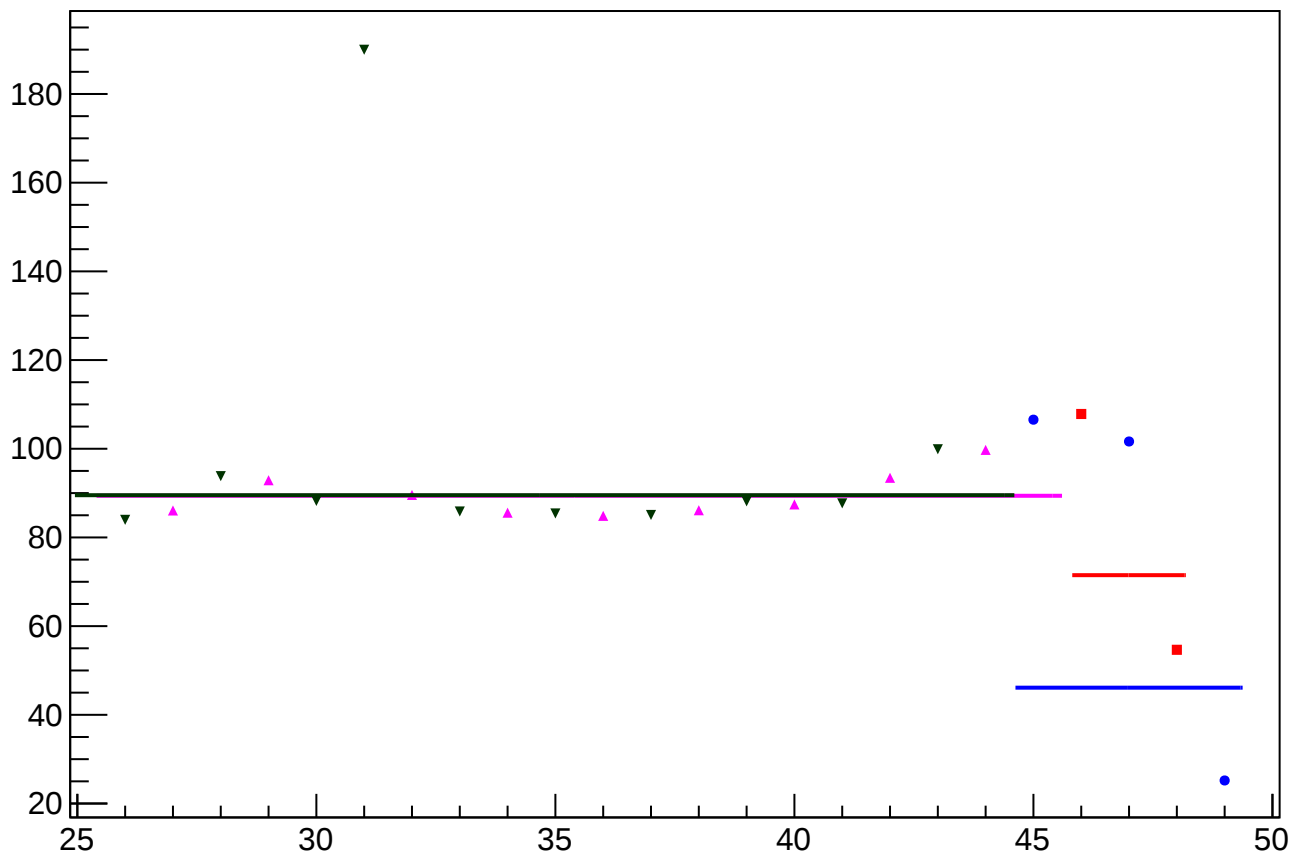
Right Out: -20.257 ± 0.625 $\chi^2/\text{NDF}: 4.1/1$

Left In: -20.446 ± 0.234 $\chi^2/\text{NDF}: 882.7/8$

-22.178 ± 0.209 $\chi^2/\text{NDF}: 869.3/12$

-20.423 ± 0.219 $\chi^2/\text{NDF}: 886.9/10$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 46.123+/-0.063 χ^2/NDF : 310277.5/2

Left Out: 89.526+/-0.049 χ^2/NDF : 54366.7/9

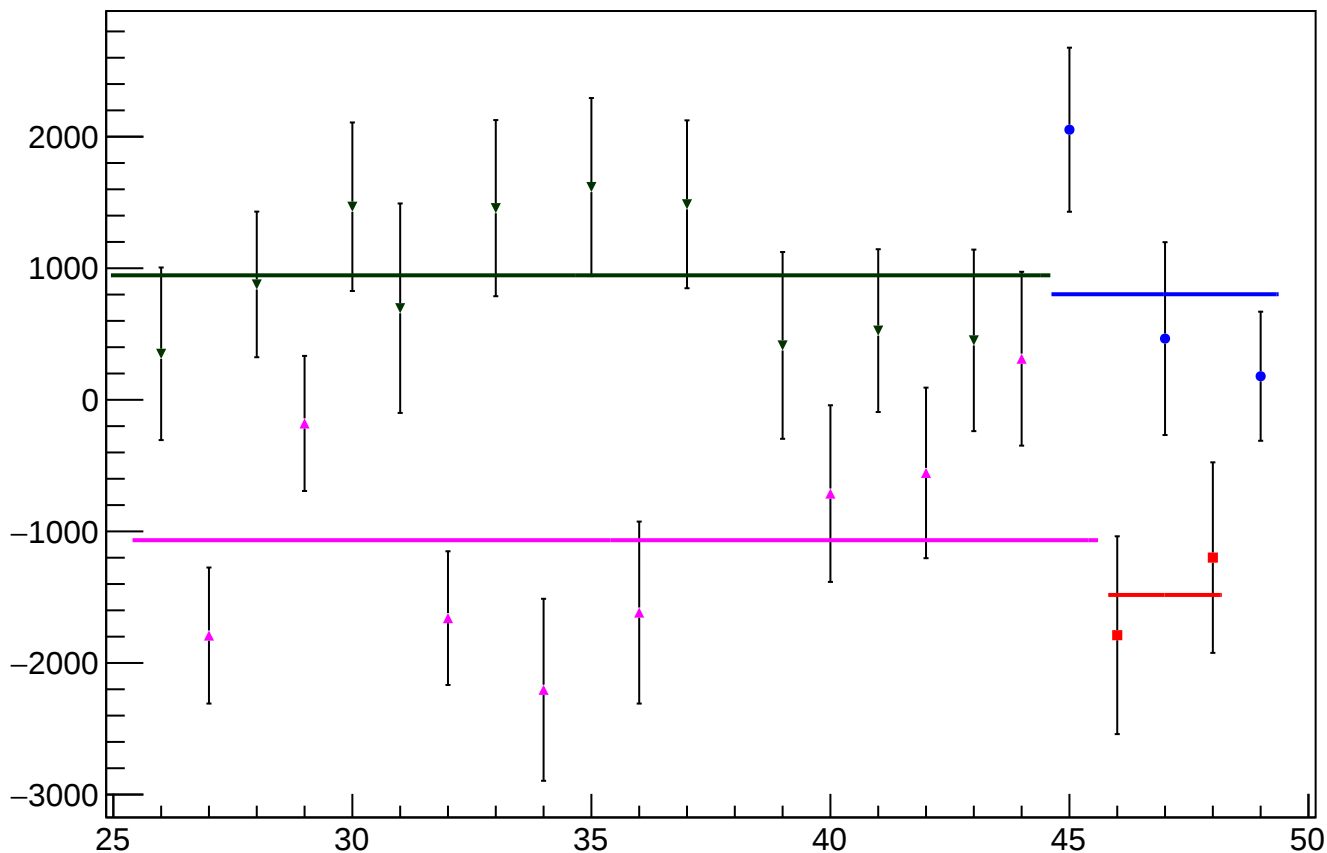
Right Out: 71.492+/-0.111 χ^2/NDF : 49751.5/1

Left In: 89.397+/-0.049 χ^2/NDF : 7802.3/8

72.879+/-0.039 χ^2/NDF : 659732.7/12

86.475+/-0.045 χ^2/NDF : 79373.9/10

reg_asym_atl1_mean vs slug



Right In: 802.426 $\pm$ 341.240 χ^2/NDF : 5.8/2

Left Out: 946.354 $\pm$ 207.711 χ^2/NDF : 5.4/9

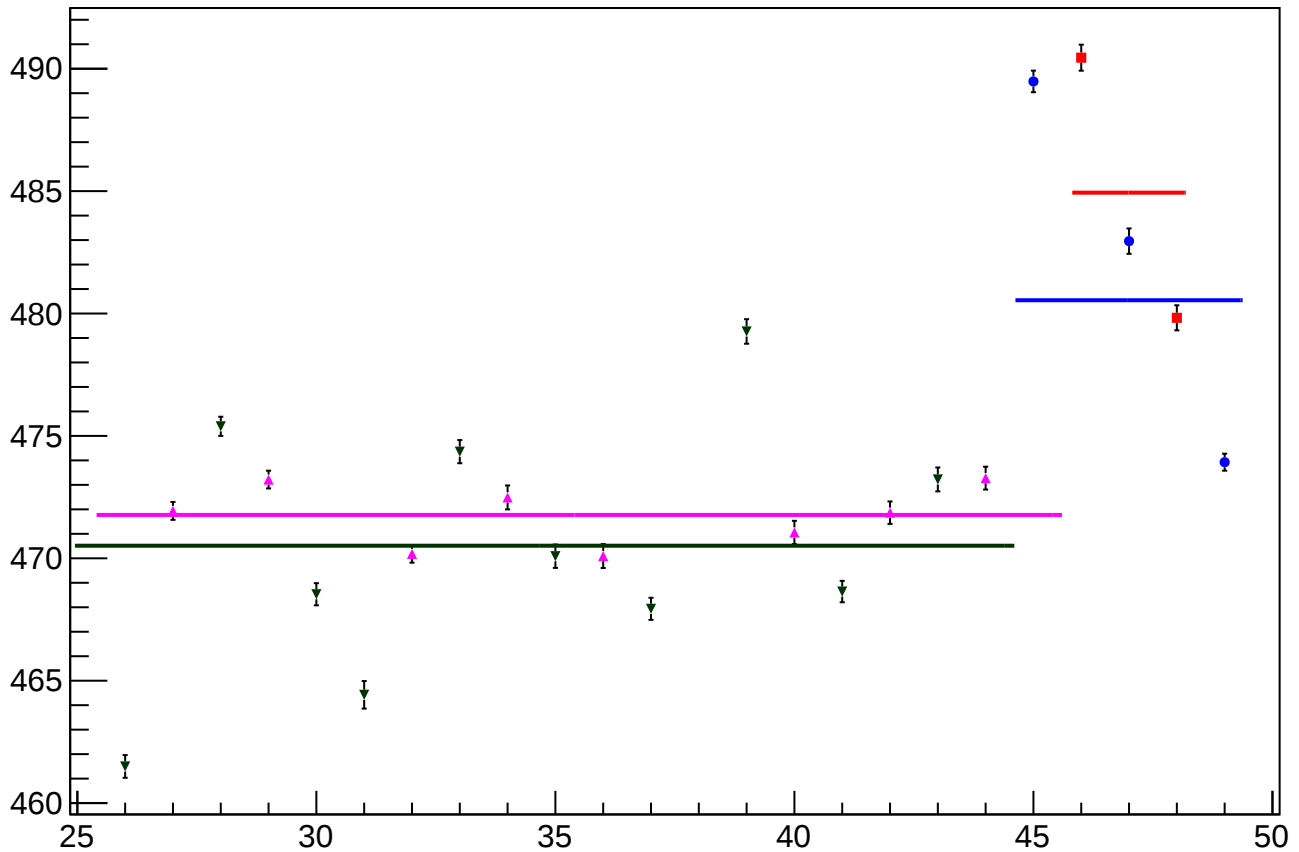
Right Out: -1482.949 $\pm$ 521.464 χ^2/NDF : 0.3/1

Left In: -1066.964 $\pm$ 210.912 χ^2/NDF : 14.9/7

907.444 $\pm$ 177.427 χ^2/NDF : 11.4/12

-1125.447 $\pm$ 195.525 χ^2/NDF : 15.8/9

reg_asym_atl1_rms vs slug



Right In: 480.543 ± 0.241 χ^2/NDF : 796.3/2

Left Out: 470.514 ± 0.147 χ^2/NDF : 1122.3/9

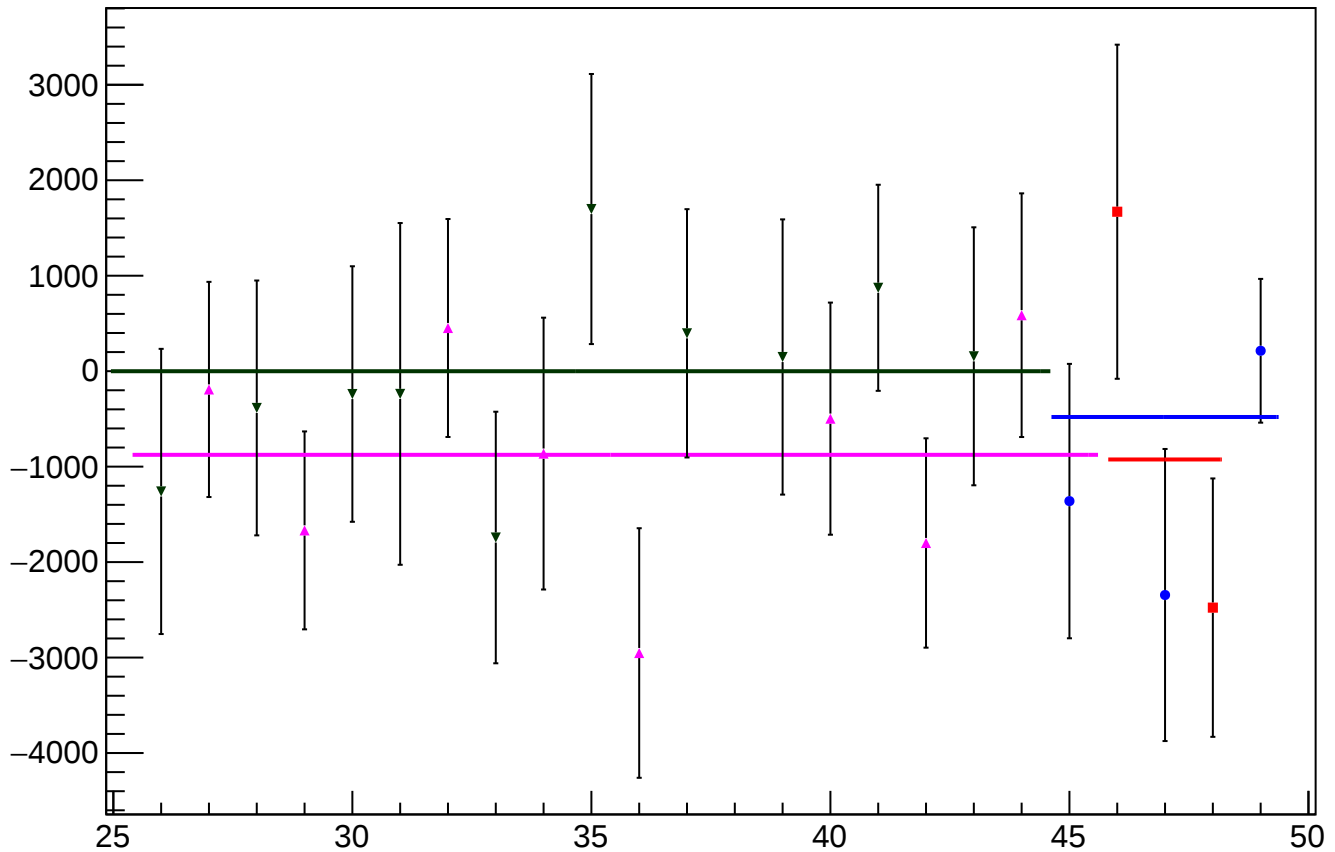
Right Out: 484.939 ± 0.369 χ^2/NDF : 207.3/1

Left In: 471.772 ± 0.149 χ^2/NDF : 62.3/7

473.225 ± 0.125 χ^2/NDF : 3178.9/12

473.623 ± 0.138 χ^2/NDF : 1365.4/9

asym_atl1_correction_mean vs slug



Right In: -479.961+/-611.426 χ^2/NDF : 2.7/2

Left Out: -0.504+/-428.990 χ^2/NDF : 4.8/9

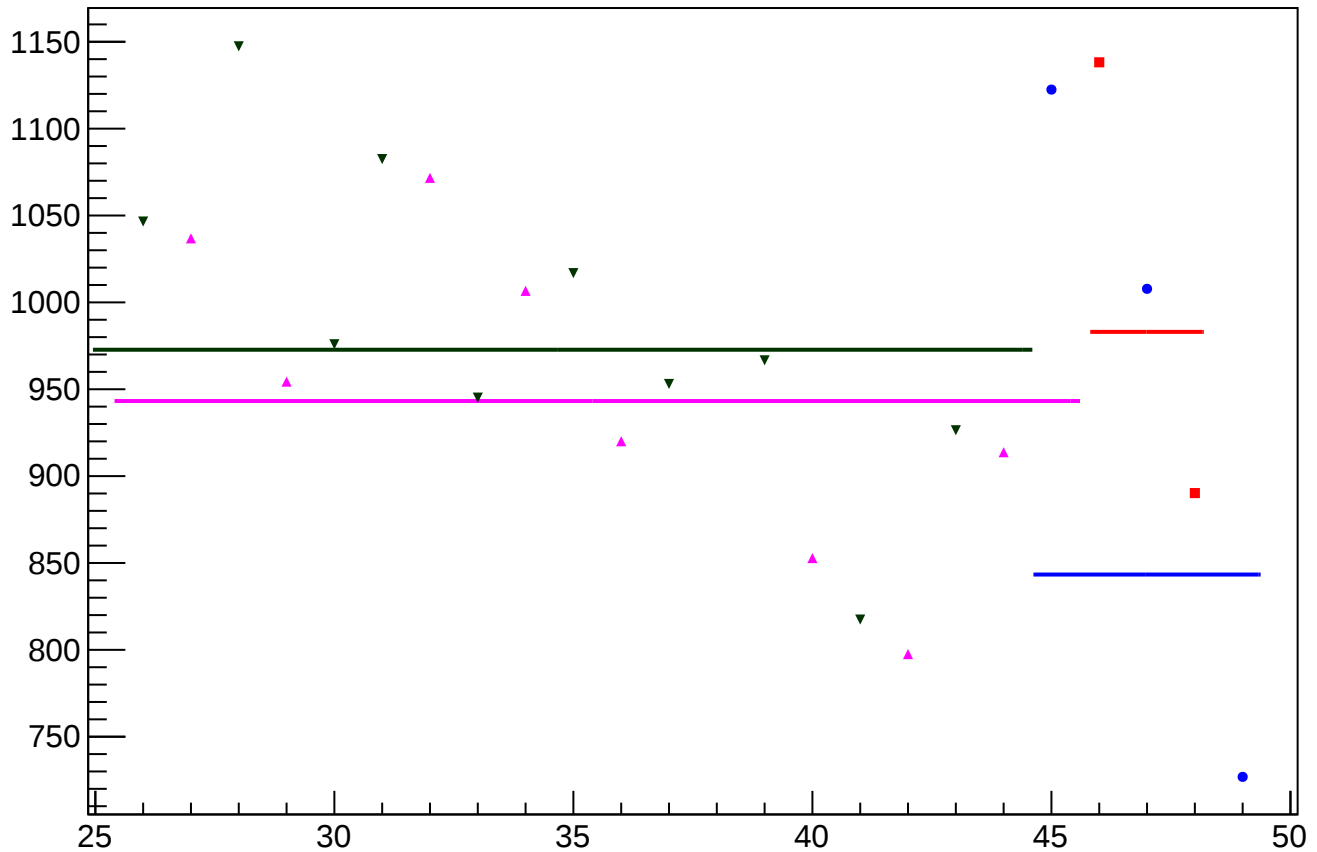
-158.668+/-351.174 χ^2/NDF : 7.9/12

Right Out: -924.976+/-1070.584 χ^2/NDF : 3.5/1

Left In: -876.325+/-419.386 χ^2/NDF : 6.9/7

-882.797+/-390.493 χ^2/NDF : 10.5/9

asym_atl1_correction_rms vs slug



Right In: 843.348+/-0.432 χ^2/NDF : 146384.7/2

Left Out: 972.740+/-0.303 χ^2/NDF : 93722.9/9

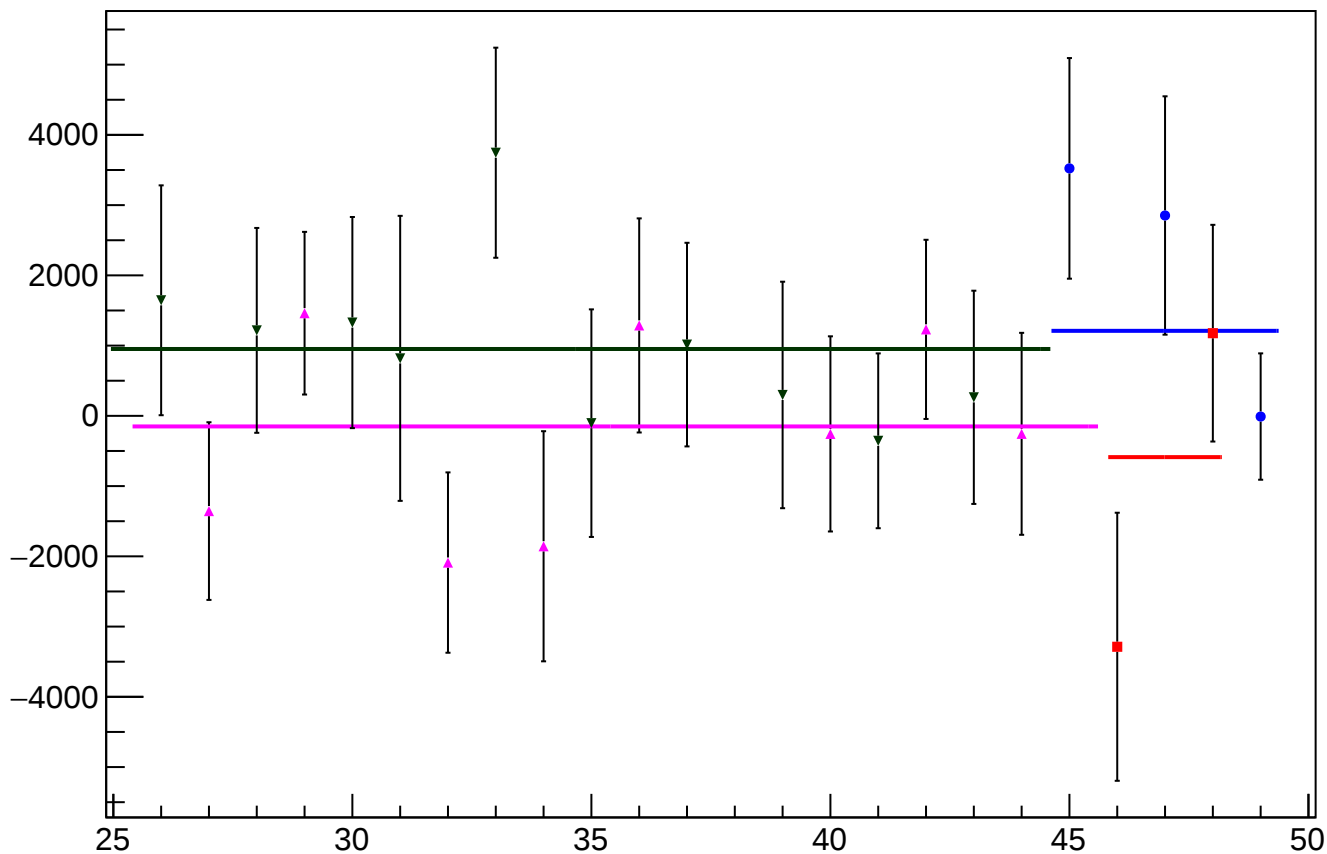
Right Out: 983.025+/-0.757 χ^2/NDF : 25123.4/1

Left In: 943.222+/-0.297 χ^2/NDF : 91364.0/7

930.056+/-0.248 χ^2/NDF : 300129.3/12

948.518+/-0.276 χ^2/NDF : 118884.2/9

asym_atl1_mean vs slug



Right In: 1210.267 $\pm$ 709.108 χ^2/NDF : 4.9/2

Left Out: 951.884 $\pm$ 482.337 χ^2/NDF : 5.7/9

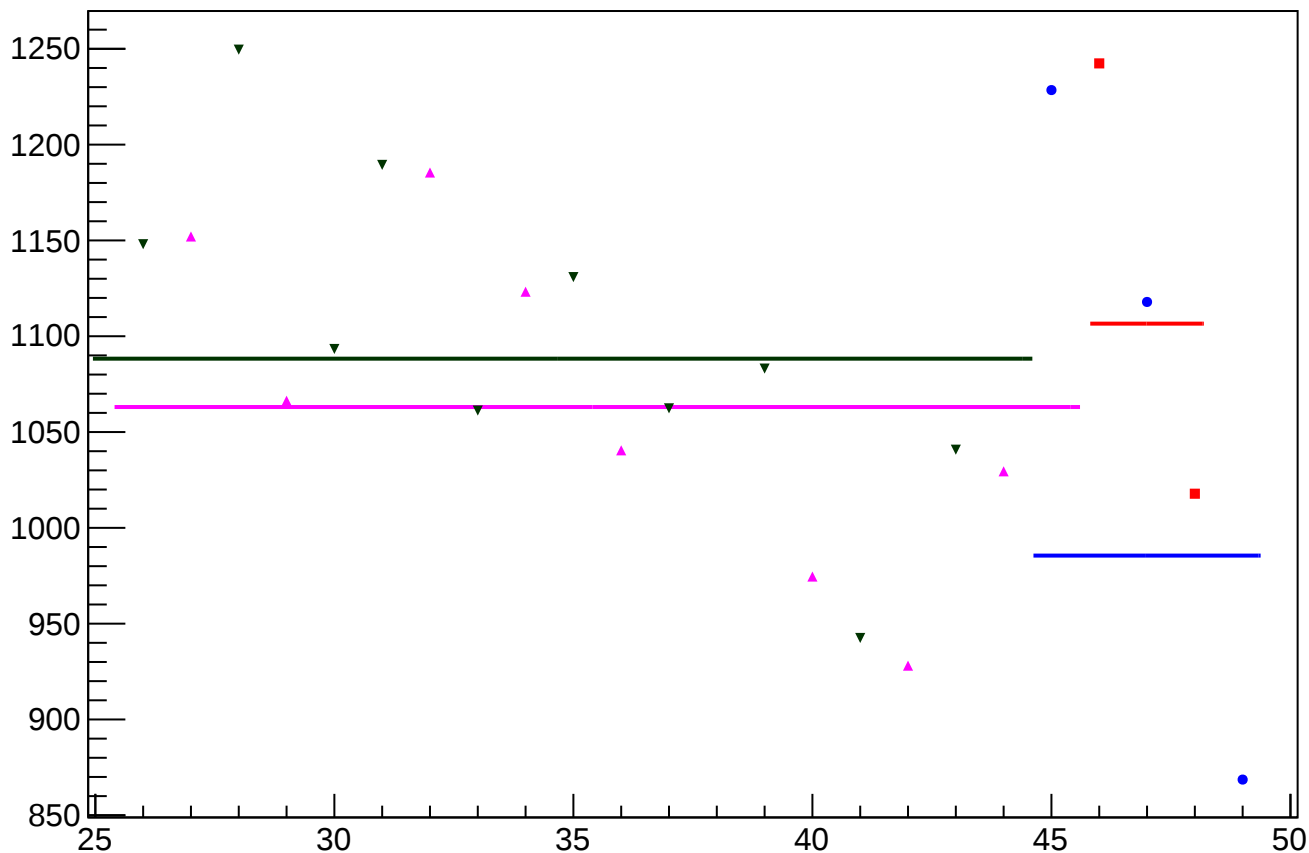
Right Out: -587.559 $\pm$ 1199.592 χ^2/NDF : 3.3/1

Left In: -150.701 $\pm$ 476.838 χ^2/NDF : 8.3/7

1033.616 $\pm$ 398.820 χ^2/NDF : 10.7/12

-210.309 $\pm$ 443.114 χ^2/NDF : 11.7/9

asym_atl1_rms vs slug



Right In: 985.523+/-0.501 χ^2/NDF : 93808.2/2

Left Out: 1088.294+/-0.341 χ^2/NDF : 64214.9/9

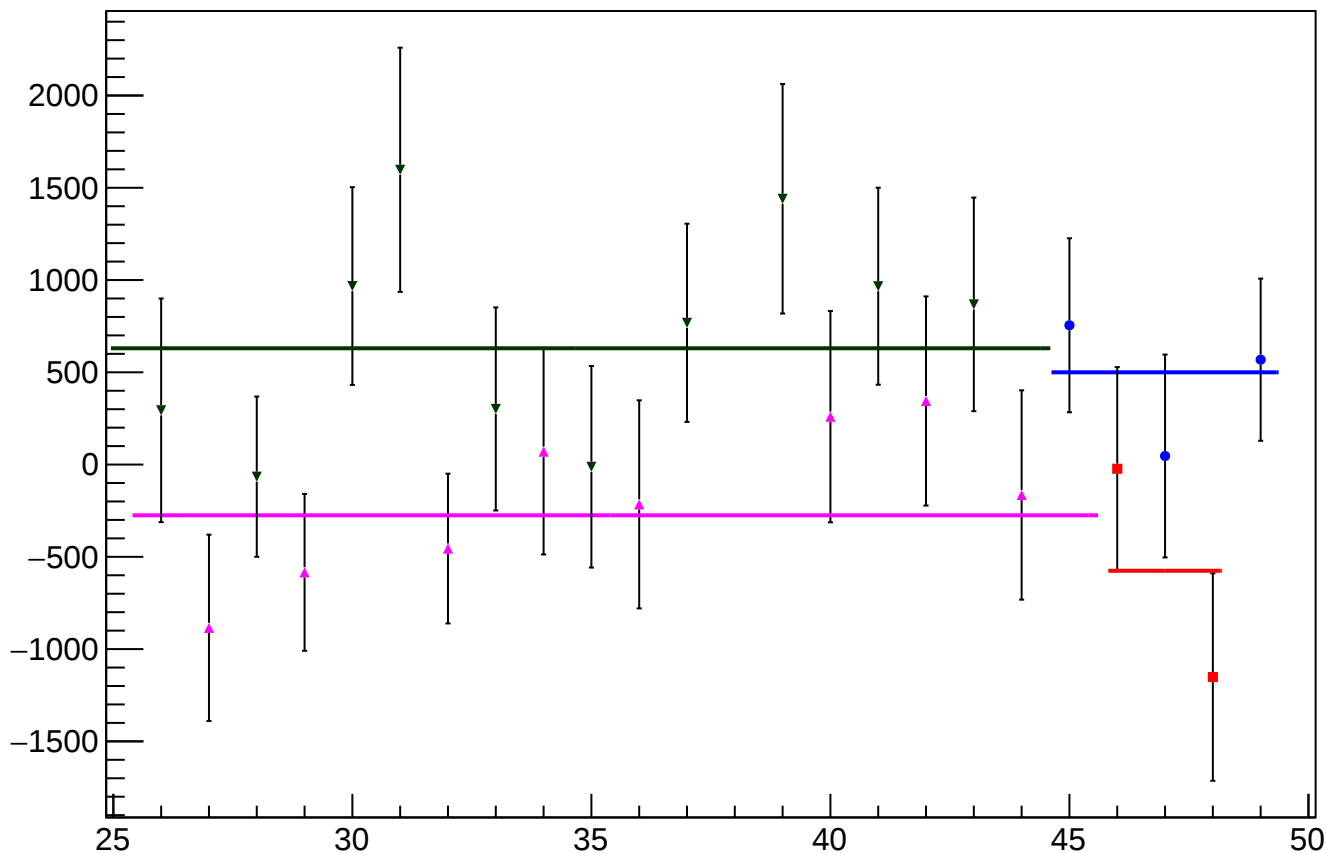
Right Out: 1106.575+/-0.848 χ^2/NDF : 16754.5/1

Left In: 1063.060+/-0.337 χ^2/NDF : 62842.0/7

1055.785+/-0.282 χ^2/NDF : 186743.8/12

1068.997+/-0.313 χ^2/NDF : 81869.2/9

reg_asym_atl2_mean vs slug



Right In: 499.918 $\pm$ 277.485 χ^2/NDF : 1.0/2

Left Out: 630.254 $\pm$ 174.091 χ^2/NDF : 9.5/9

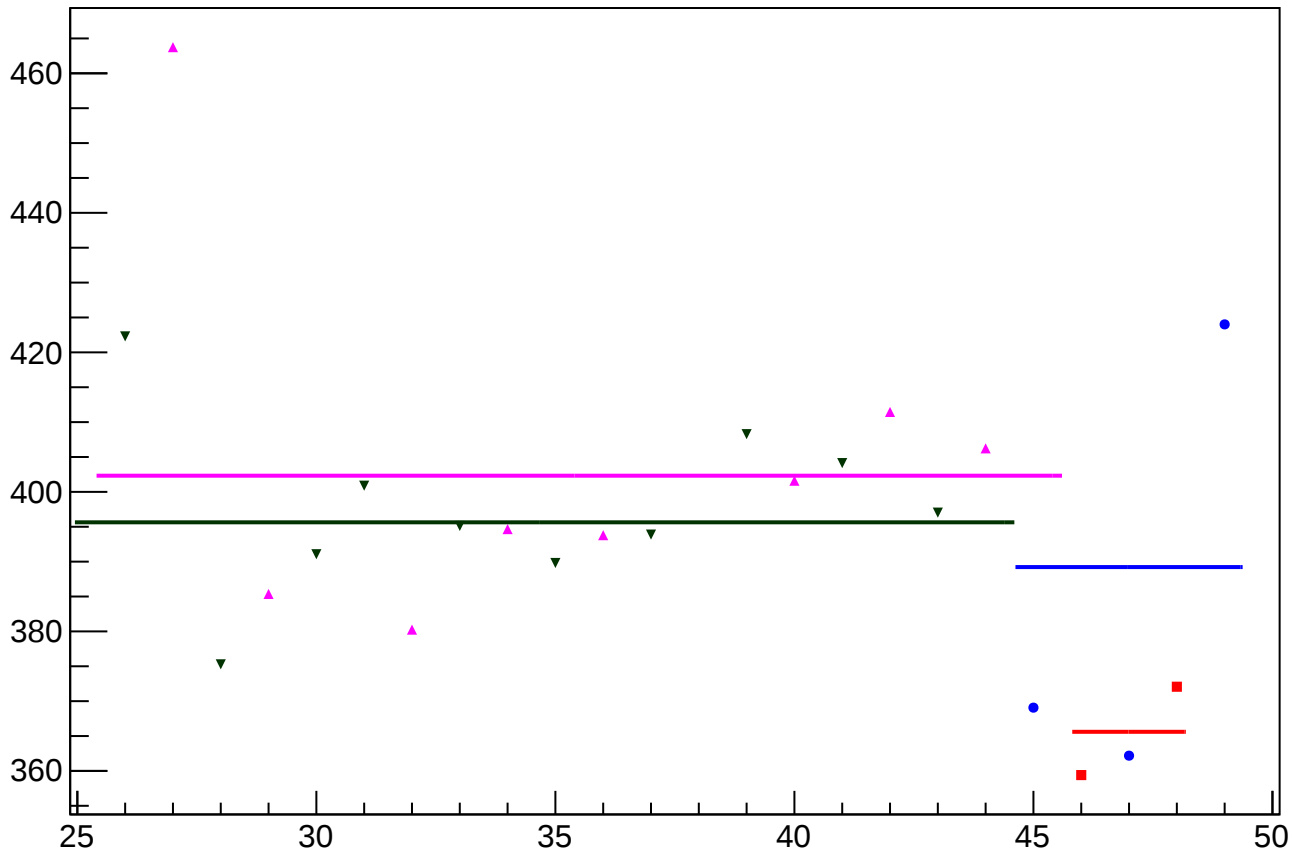
Right Out: -575.550 $\pm$ 393.502 χ^2/NDF : 2.1/1

Left In: -274.945 $\pm$ 179.112 χ^2/NDF : 4.7/7

593.441 $\pm$ 147.470 χ^2/NDF : 10.6/12

-326.537 $\pm$ 163.019 χ^2/NDF : 7.2/9

reg_asym_atl2_rms vs slug



Right In: 389.221 ± 0.196 χ^2/NDF : 21027.9/2

Left Out: 395.636 ± 0.123 χ^2/NDF : 10131.9/9

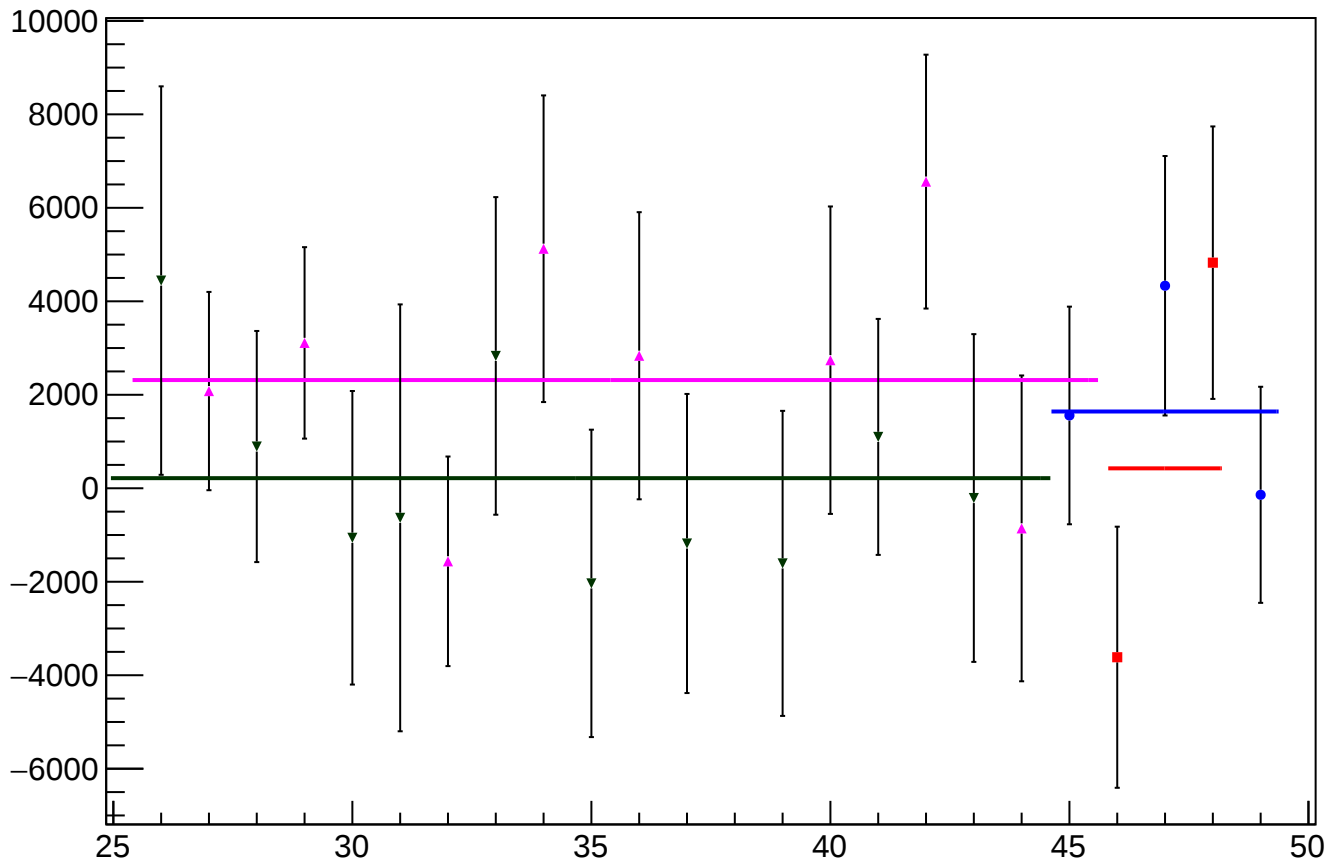
Right Out: 365.606 ± 0.278 χ^2/NDF : 517.8/1

Left In: 402.320 ± 0.127 χ^2/NDF : 40146.8/7

393.824 ± 0.104 χ^2/NDF : 31926.8/12

396.019 ± 0.115 χ^2/NDF : 55086.6/9

asym_atl2_correction_mean vs slug



Right In: 1642.453+/-1412.143 $\chi^2/\text{NDF: } 1.5/2$

Left Out: 216.258+/-1010.244 $\chi^2/\text{NDF: } 3.0/9$

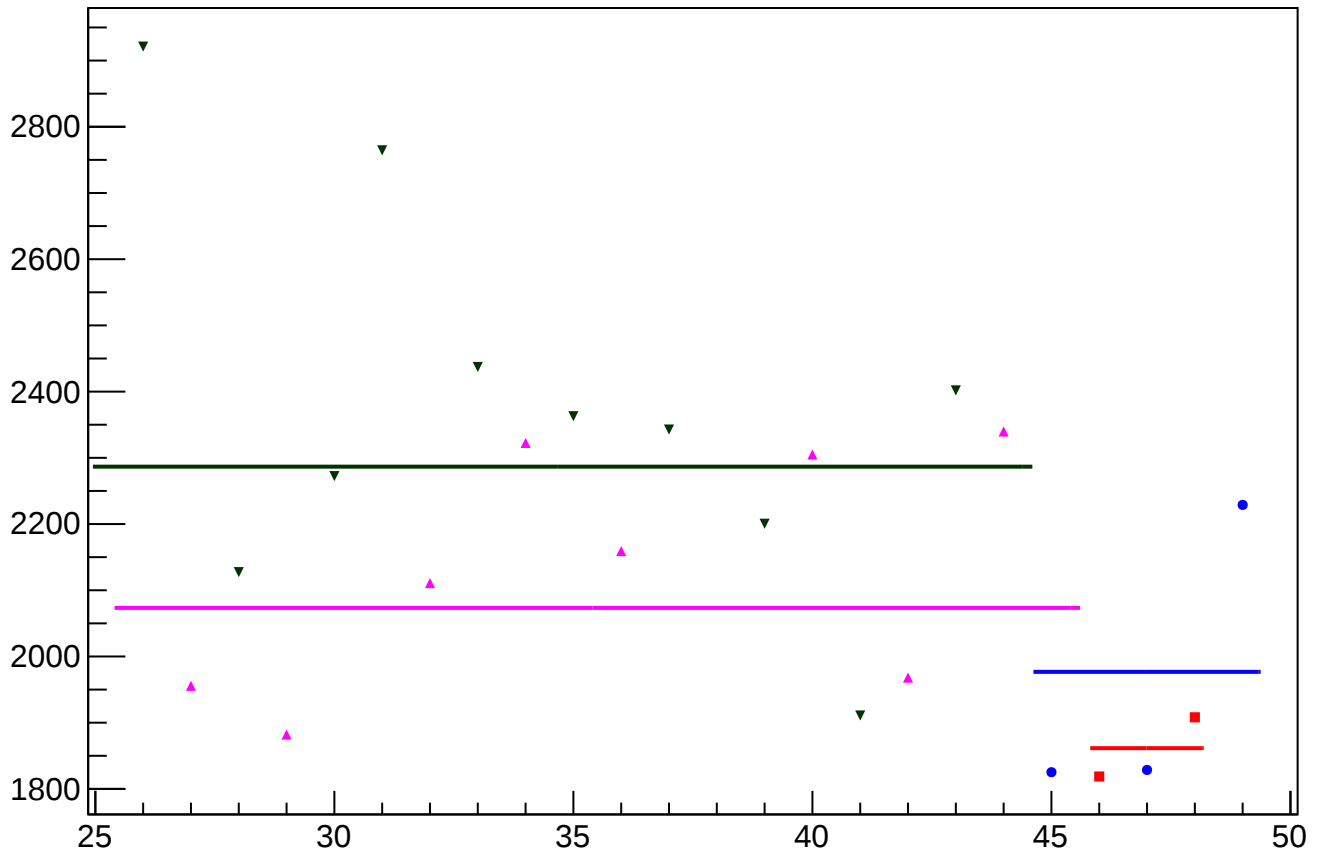
Right Out: 426.066+/-2016.686 $\chi^2/\text{NDF: } 4.4/1$

Left In: 2315.339+/-920.569 $\chi^2/\text{NDF: } 7.3/7$

699.074+/-821.637 $\chi^2/\text{NDF: } 5.2/12$

1989.554+/-837.445 $\chi^2/\text{NDF: } 12.4/9$

asym_atl2_correction_rms vs slug



Right In: 1976.786 $\pm$ 0.999 χ^2 /NDF: 37976.5/2

Left Out: 2286.677 $\pm$ 0.714 χ^2 /NDF:130336.9/9

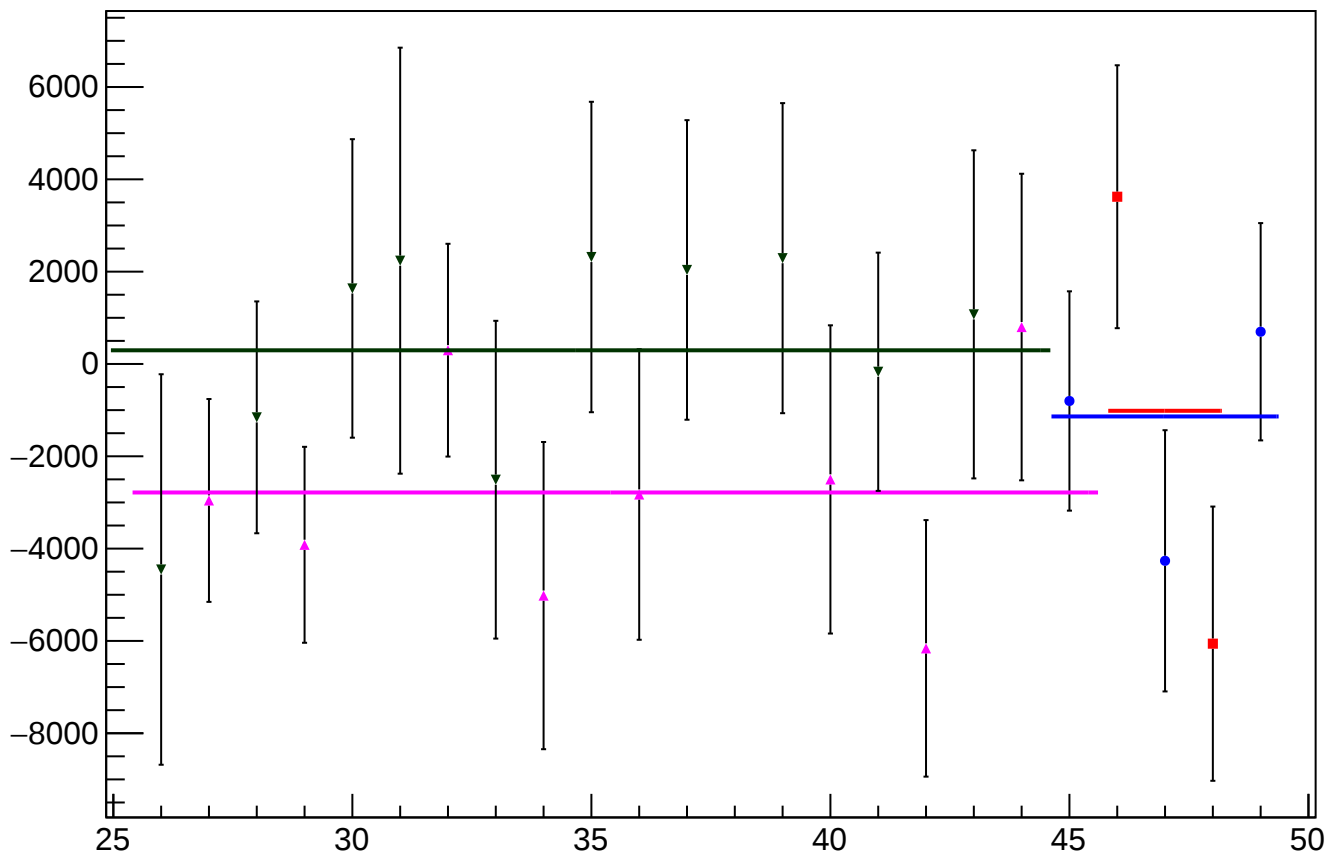
2181.768 $\pm$ 0.581 χ^2 /NDF: 232022.2/12

Right Out: 1861.530 $\pm$ 1.426 χ^2 /NDF: 980.4/1

2036.854 $\pm$ 0.592 χ^2 /NDF: 82703.4/9

Left In: 2073.386 $\pm$ 0.651 χ^2 /NDF:63457.3/7

asym_atl2_mean vs slug



Right In: -1137.023 ± 1439.514 χ^2/NDF : 1.8/2

Left Out: 296.079 ± 1029.874 χ^2/NDF : 3.7/9

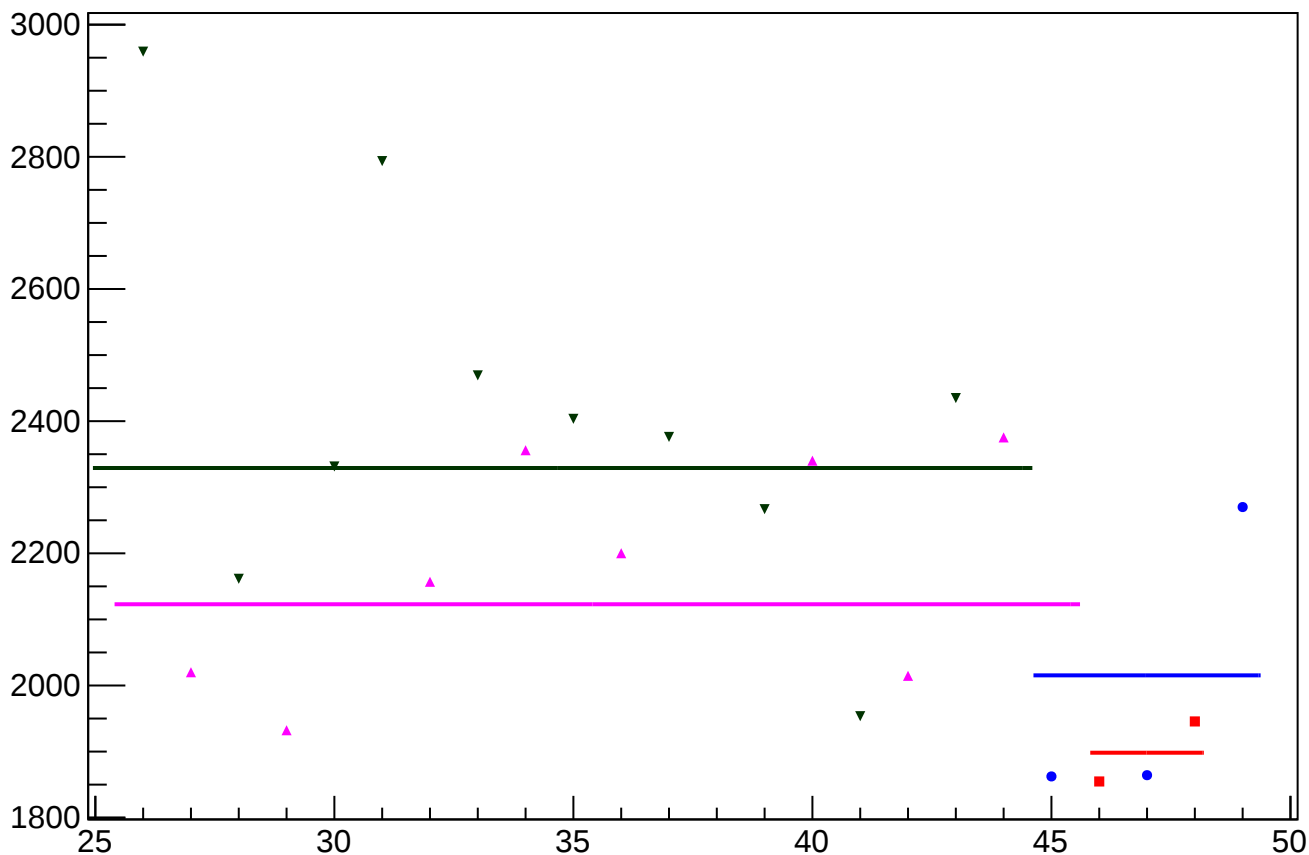
Right Out: -1014.391 ± 2055.814 χ^2/NDF : 5.5/1

Left In: -2784.125 ± 945.556 χ^2/NDF : 5.2/7

-189.105 ± 837.589 χ^2/NDF : 6.2/12

-2475.114 ± 859.047 χ^2/NDF : 11.3/9

asym_atl2_rms vs slug



Right In: 2015.352+/-1.018 χ^2/NDF : 37401.7/2

Left Out: 2329.125+/-0.728 χ^2/NDF :123081.1/9

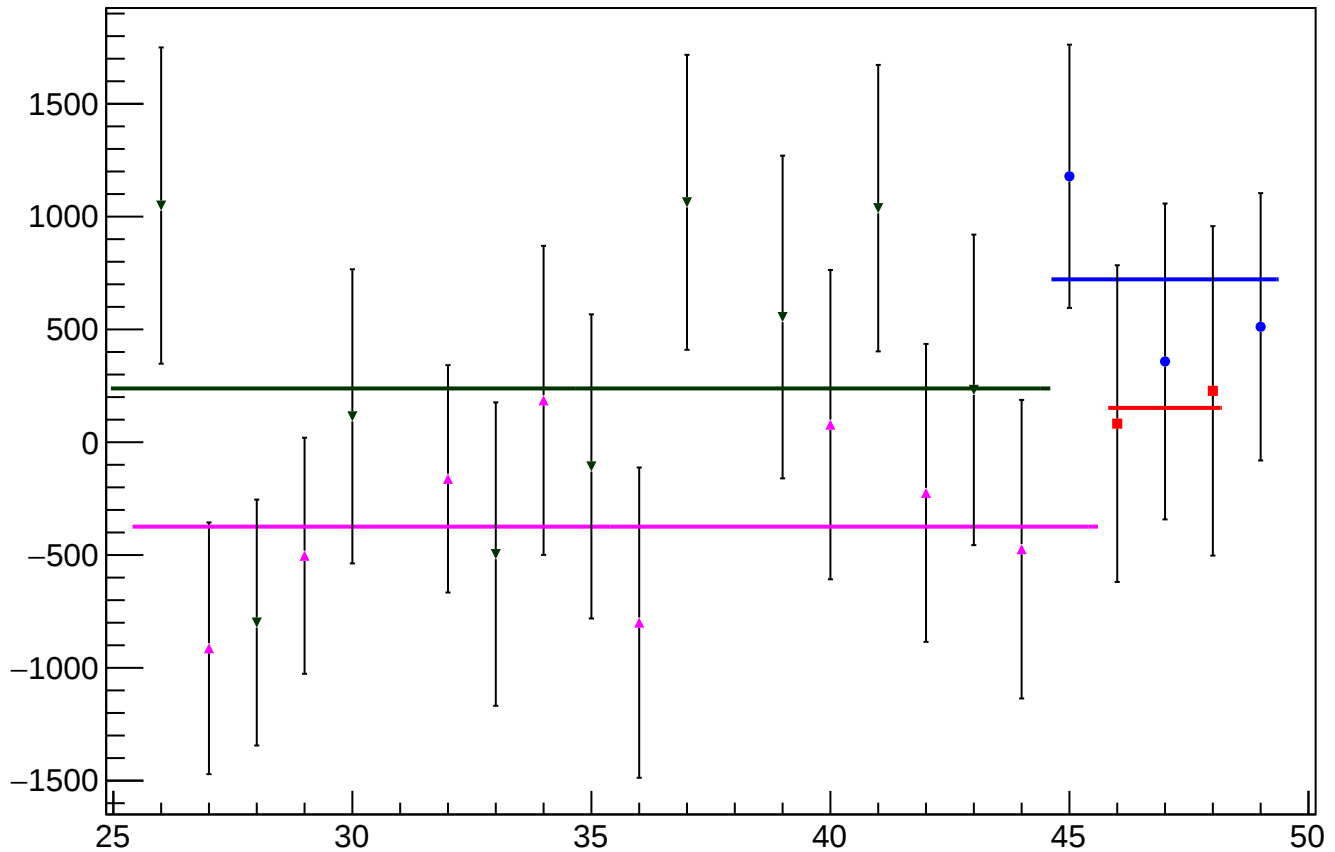
Right Out: 1898.287+/-1.454 χ^2/NDF : 974.4/1

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2222.895+/-0.592 χ^2/NDF : 223335.3/12

2083.716+/-0.607 χ^2/NDF : 75724.7/9

reg_asym_atr1_mean vs slug



Right In: 722.022 $\pm$ 357.421 χ^2/NDF : 1.0/2

Left Out: 238.372 $\pm$ 217.936 χ^2/NDF : 9.8/8

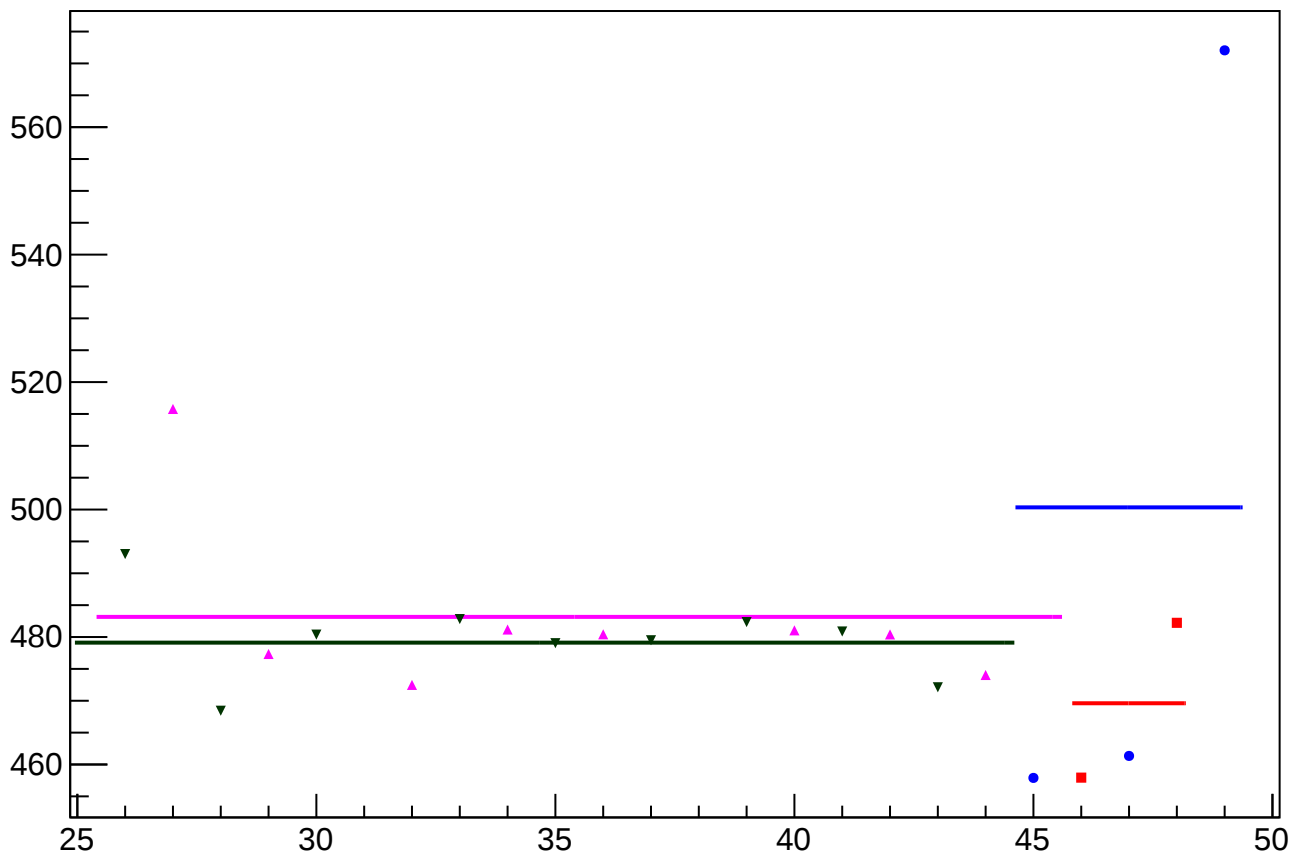
Right Out: 152.222 $\pm$ 506.037 χ^2/NDF : 0.0/1

Left In: -374.119 $\pm$ 214.392 χ^2/NDF : 2.7/7

369.453 $\pm$ 186.074 χ^2/NDF : 12.2/11

-294.021 $\pm$ 197.406 χ^2/NDF : 3.7/9

reg_asym_atr1_rms vs slug



Right In: 500.343 ± 0.253 χ^2/NDF : 46095.9/2

Left Out: 479.120 ± 0.154 χ^2/NDF : 1886.5/8

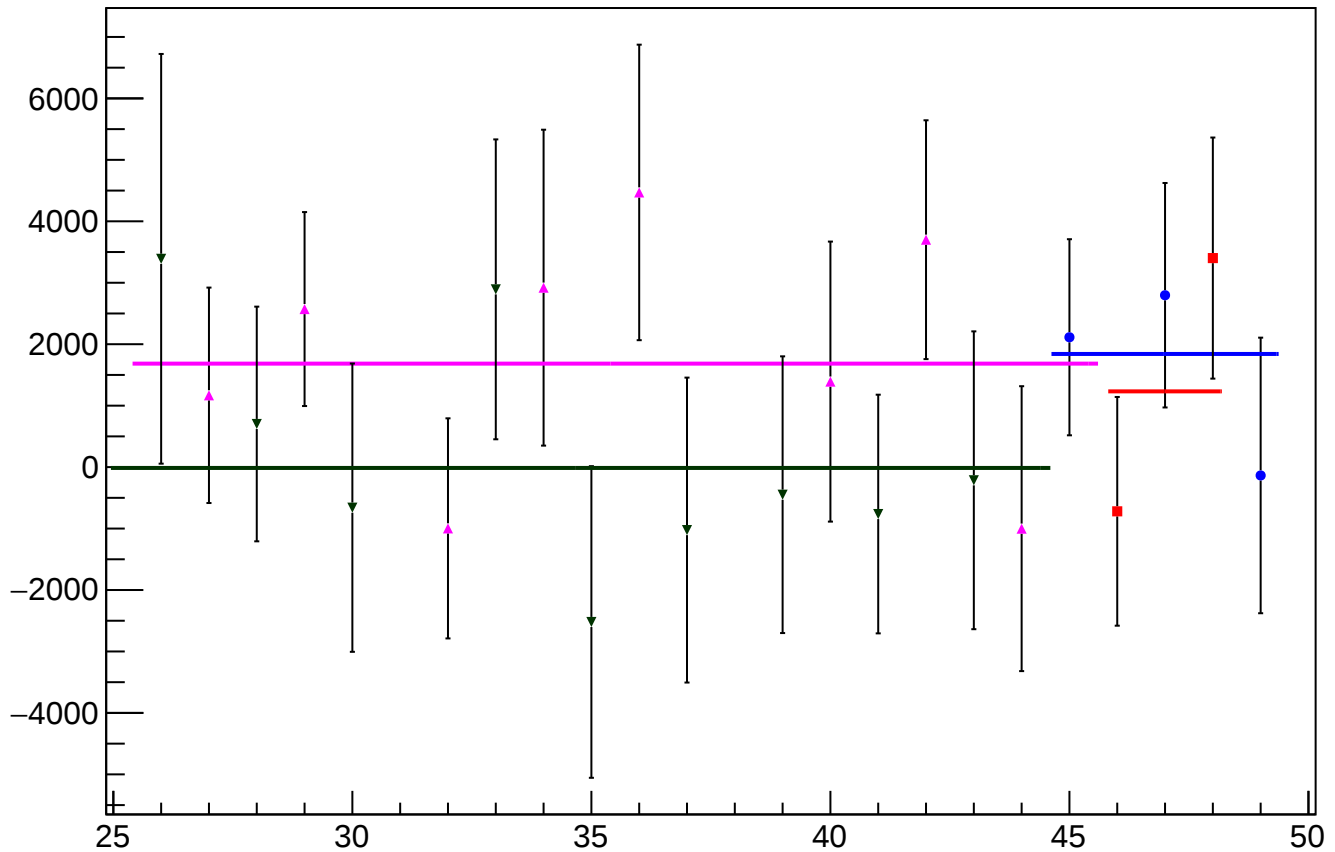
Right Out: 469.607 ± 0.358 χ^2/NDF : 1150.3/1

Left In: 483.160 ± 0.152 χ^2/NDF : 8470.0/7

484.872 ± 0.132 χ^2/NDF : 53123.0/11

481.098 ± 0.140 χ^2/NDF : 10836.6/9

asym_atr1_correction_mean vs slug



Right In: 1841.360 ± 1059.145 χ^2/NDF : 1.1/2

Left Out: -13.564 ± 775.077 χ^2/NDF : 4.0/8

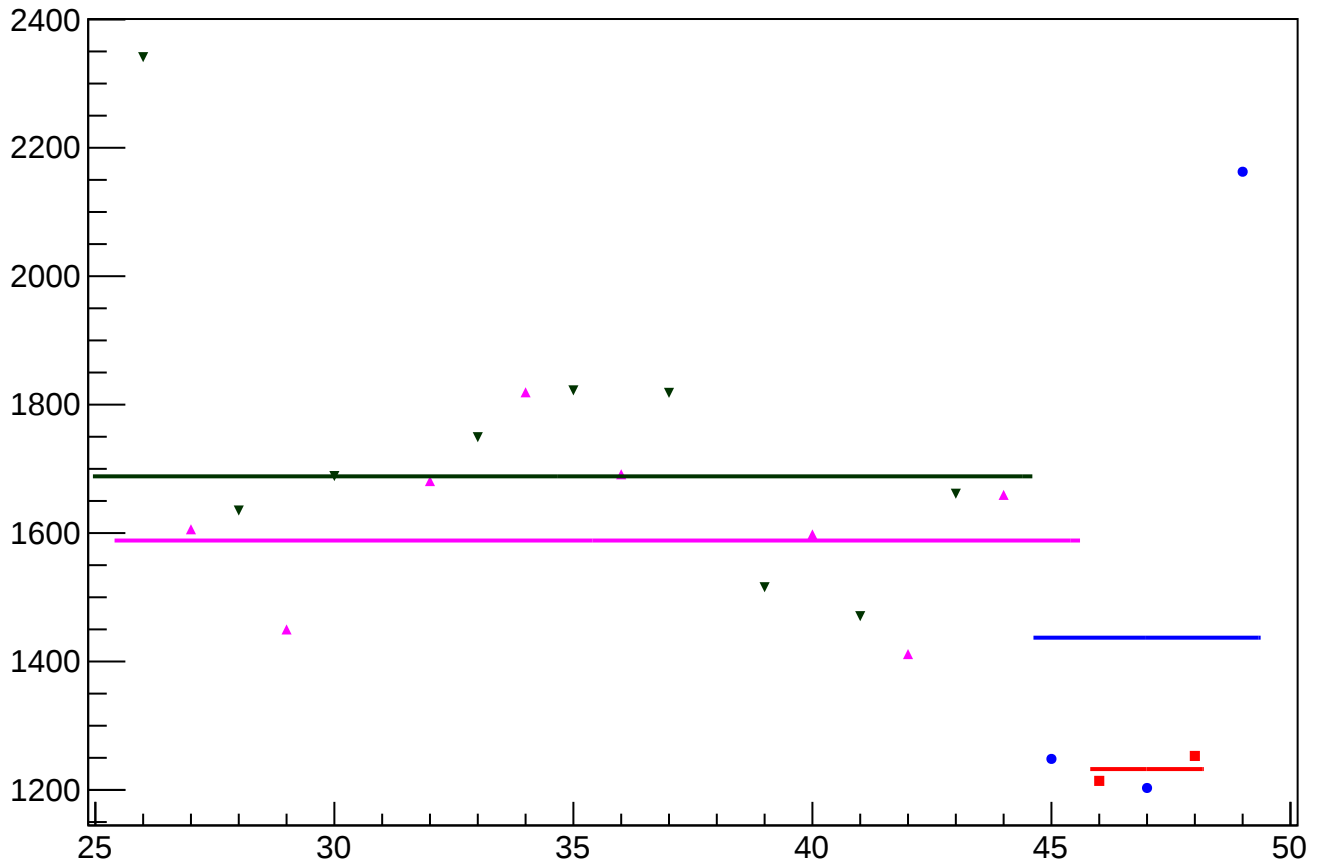
Right Out: 1232.508 ± 1350.137 χ^2/NDF : 2.3/1

Left In: 1683.939 ± 705.940 χ^2/NDF : 6.7/7

633.352 ± 625.484 χ^2/NDF : 7.1/11

1587.020 ± 625.586 χ^2/NDF : 9.1/9

asym_atr1_correction_rms vs slug



Right In: 1437.105+/-0.749 χ^2/NDF : 270258.5/2

Left Out: 1688.324+/-0.548 χ^2/NDF :127706.3/8

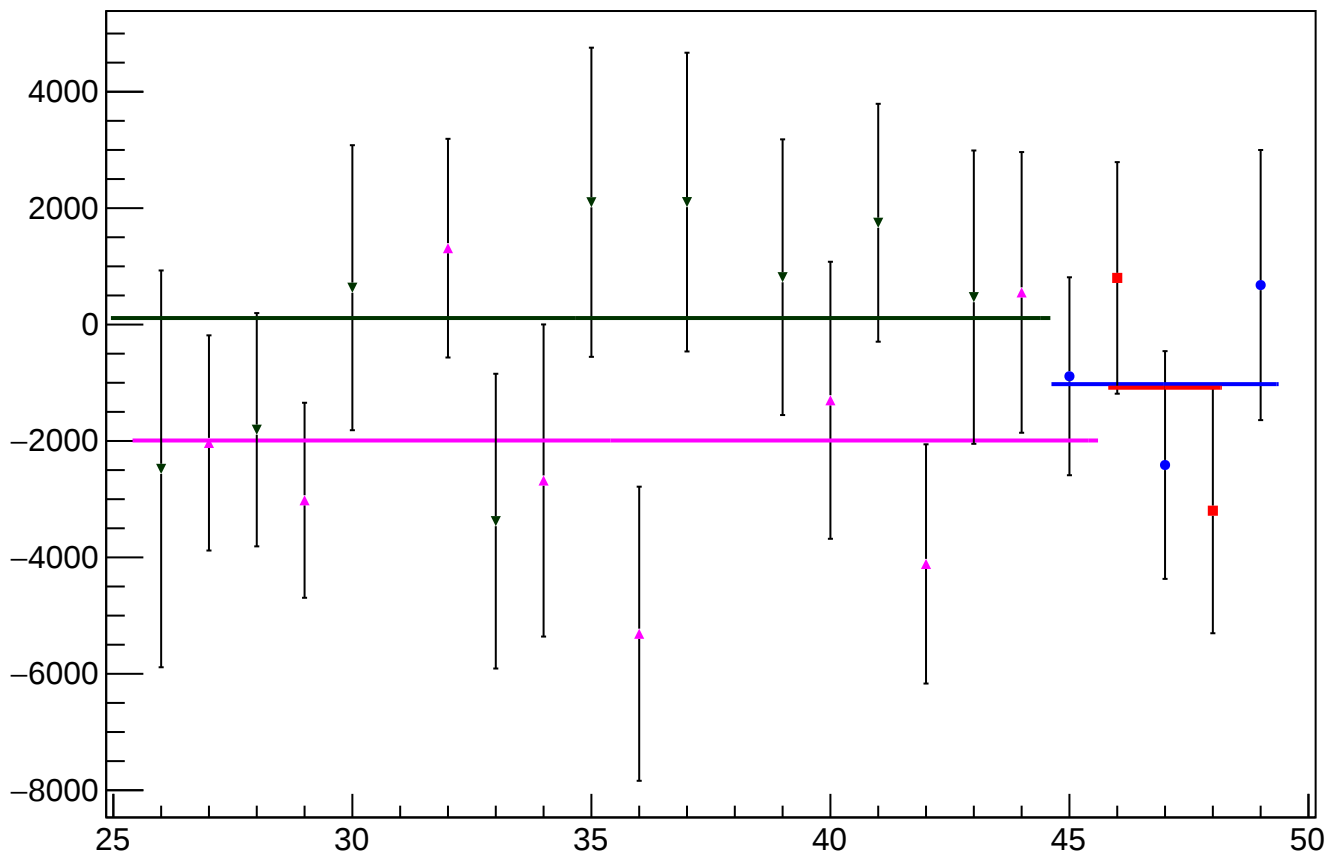
1600.710+/-0.442 χ^2/NDF : 471242.0/11

Right Out: 1232.485+/-0.955 χ^2/NDF : 412.7/1

1511.981+/-0.442 χ^2/NDF : 168780.5/9

Left In: 1588.391+/-0.499 χ^2/NDF :59227.6/7

asym_atr1_mean vs slug



Right In: -1023.323+/-1123.065 χ^2/NDF : 1.0/2

Left Out: 112.152+/-809.295 χ^2/NDF : 5.4/8

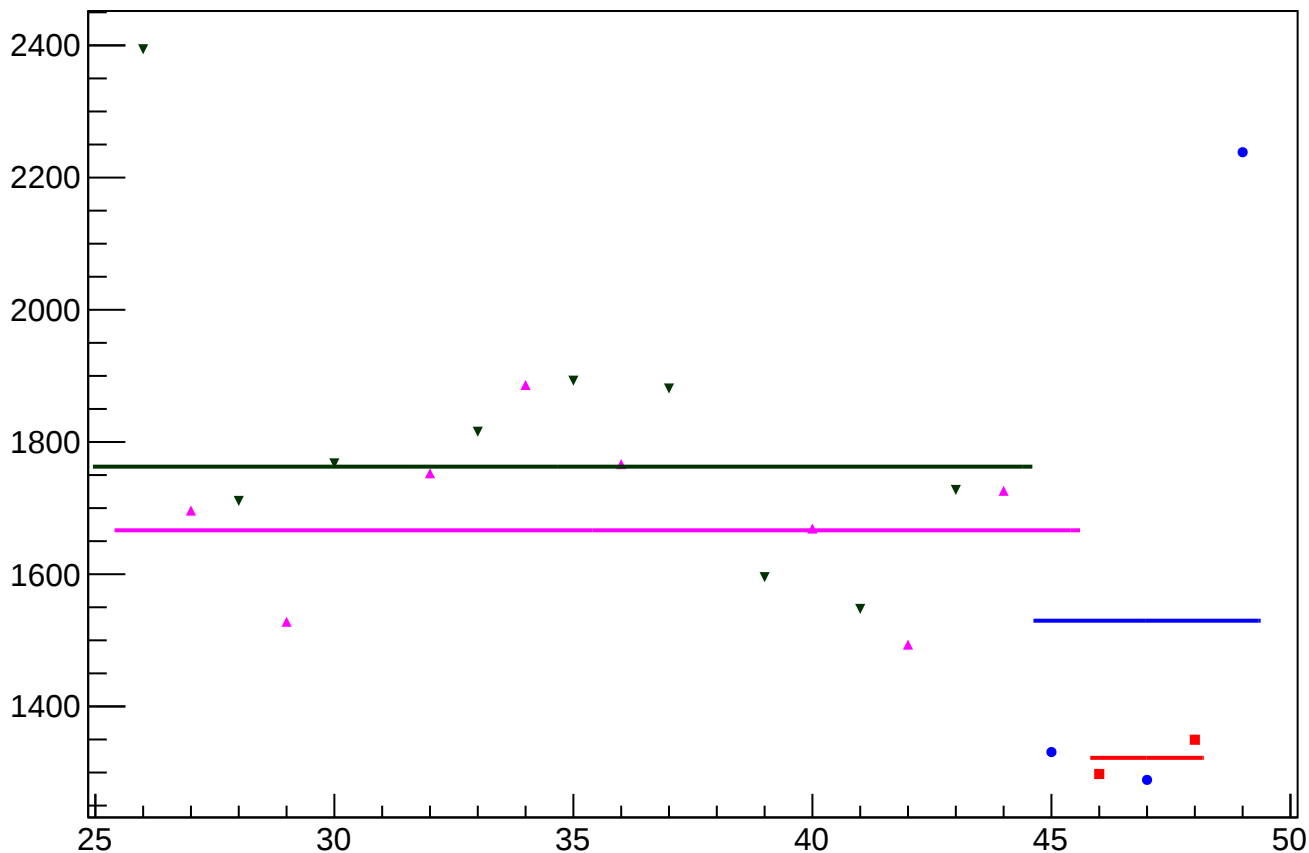
Right Out: -1084.899+/-1445.934 χ^2/NDF : 1.9/1

Left In: -1991.664+/-742.563 χ^2/NDF : 7.5/7

-275.947+/-656.580 χ^2/NDF : 7.1/11

-1802.426+/-660.549 χ^2/NDF : 9.7/9

asym_atr1_rms vs slug



Right In: 1529.688+/-0.794 χ^2/NDF : 244180.8/2

Left Out: 1762.716+/-0.572 χ^2/NDF :112433.4/8

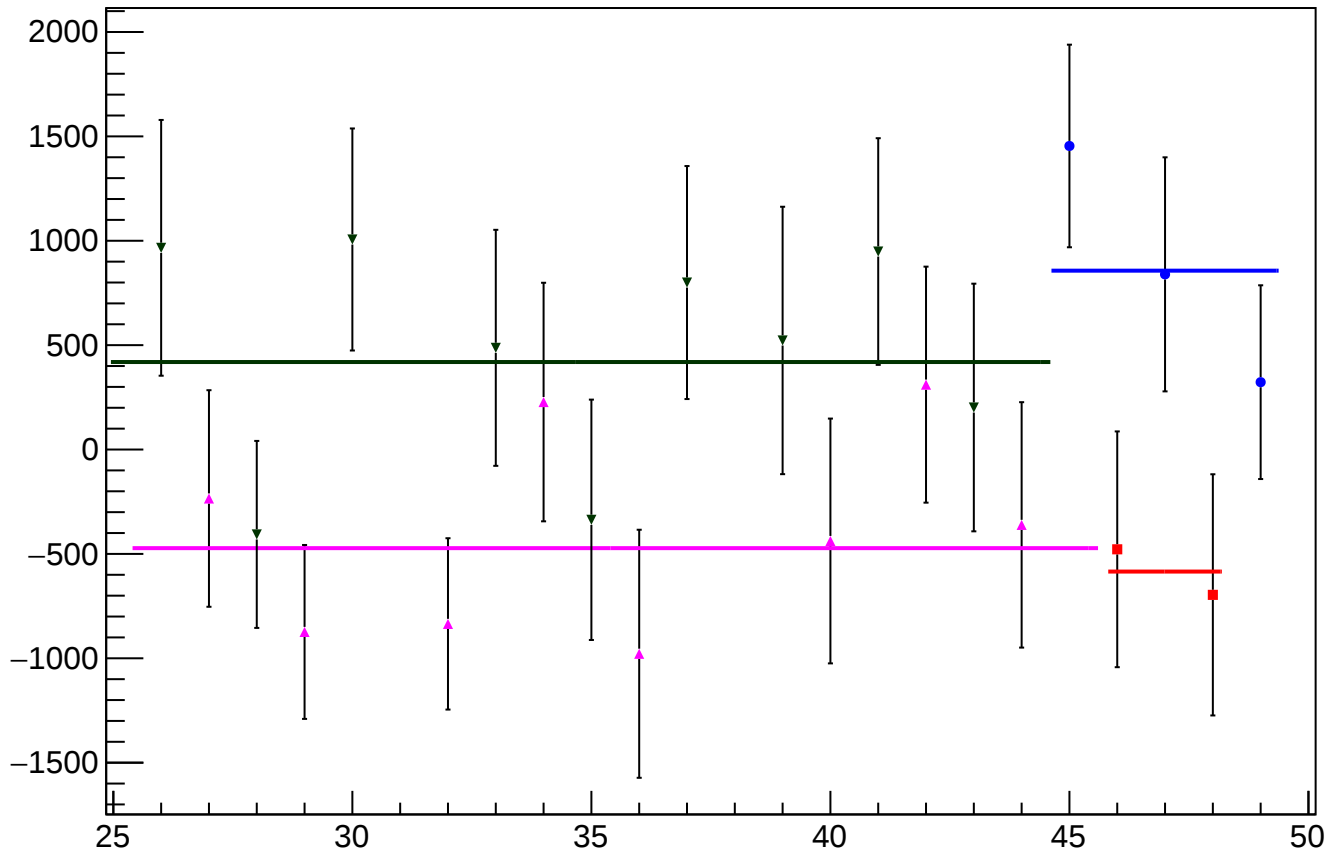
Right Out: 1322.244+/-1.022 χ^2/NDF : 639.9/1

Left In: 1666.436+/-0.525 χ^2/NDF :50358.5/7

1683.068+/-0.464 χ^2/NDF : 413289.9/11

1594.605+/-0.467 χ^2/NDF : 140675.0/9

reg_asym_atr2_mean vs slug



Right In: 856.778 ± 287.796 χ^2/NDF : 2.8/2

547.109 ± 155.621 χ^2/NDF : 13.2/11

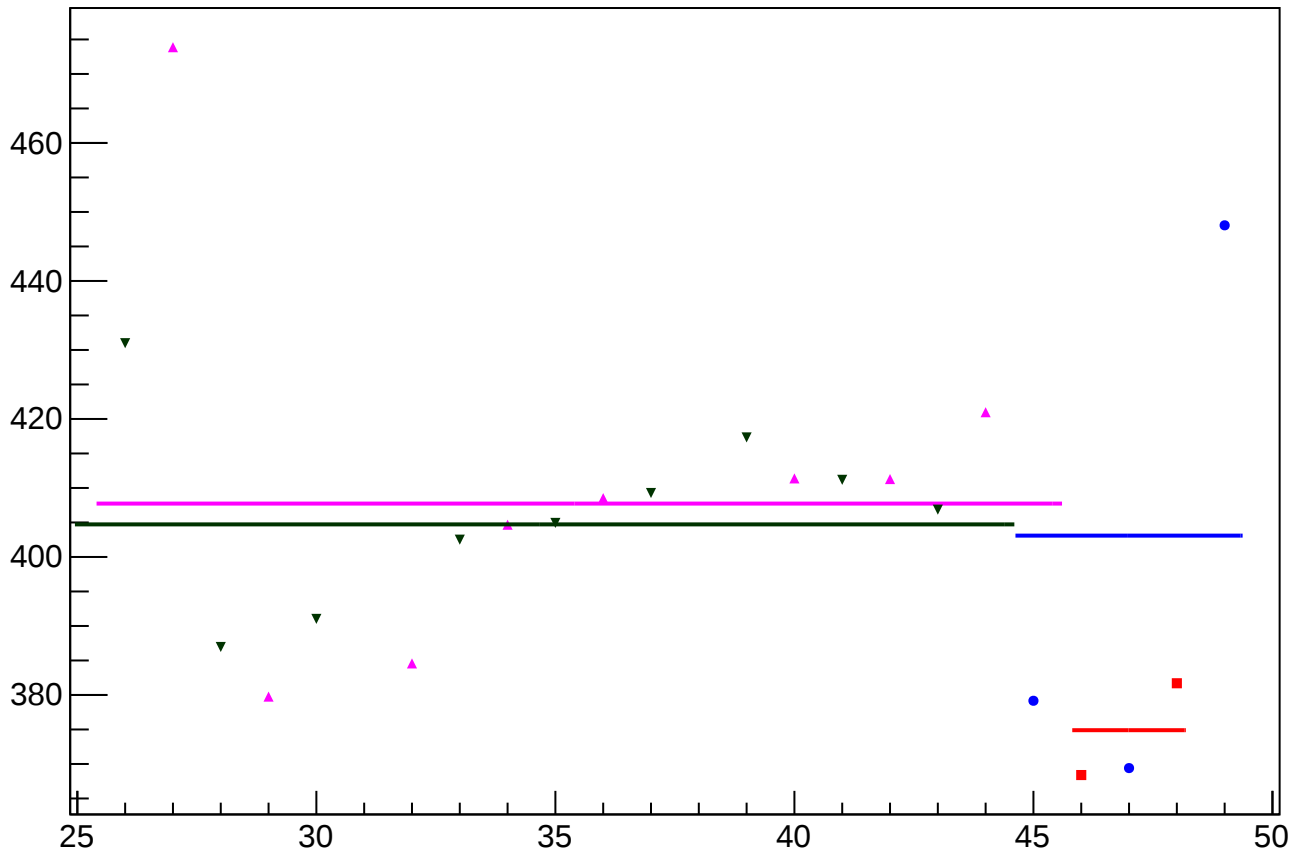
Left Out: 419.150 ± 185.000 χ^2/NDF : 8.7/8

Right Out: -584.550 ± 403.809 χ^2/NDF : 0.1/1

-491.292 ± 165.796 χ^2/NDF : 6.2/9

Left In: -472.383 ± 181.829 χ^2/NDF : 6.1/7

reg_asym_atr2_rms vs slug



Right In: 403.094 ± 0.204 χ^2/NDF : 30873.0/2

Left Out: 404.722 ± 0.131 χ^2/NDF : 9396.7/8

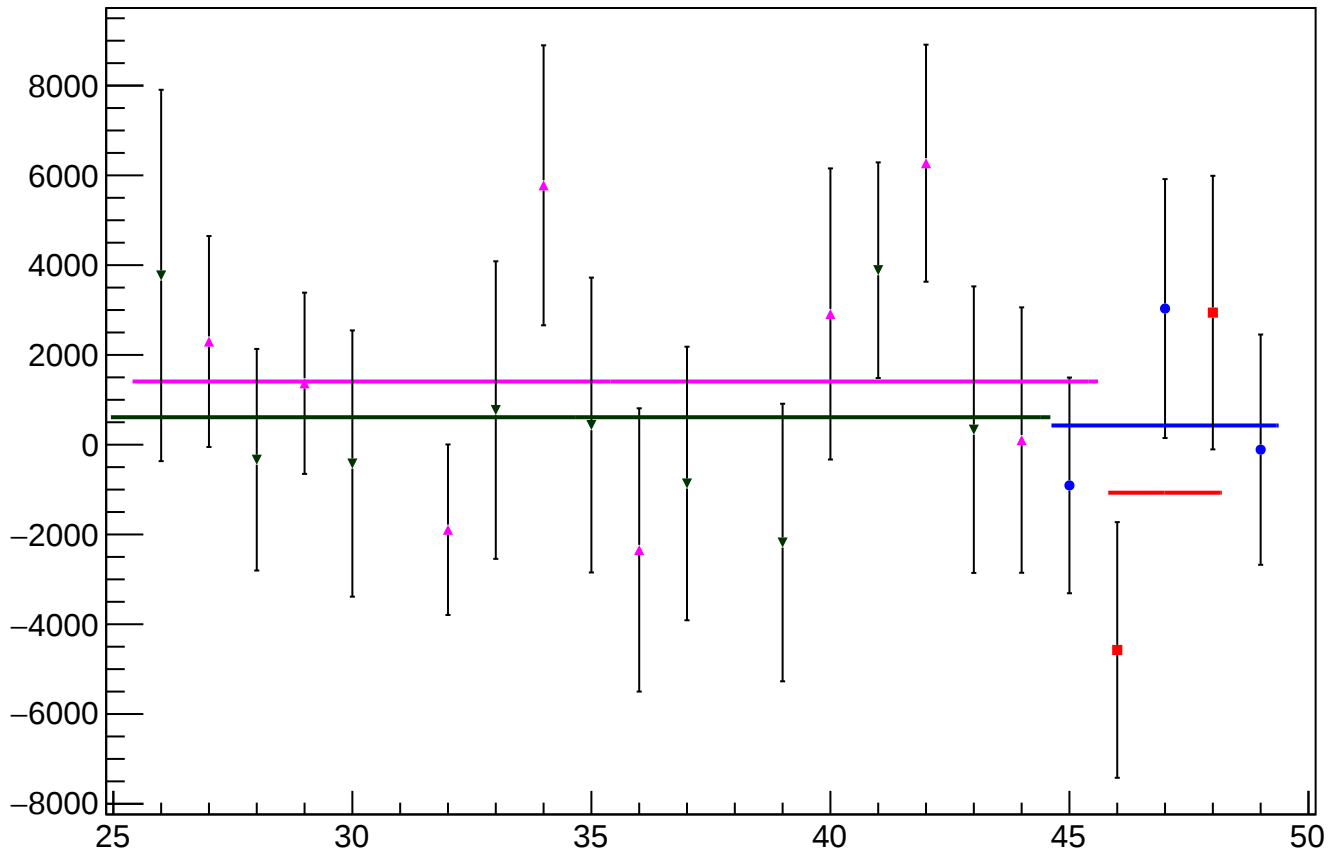
Right Out: 374.896 ± 0.286 χ^2/NDF : 542.2/1

Left In: 407.737 ± 0.129 χ^2/NDF : 49136.5/7

404.246 ± 0.110 χ^2/NDF : 40315.0/11

402.201 ± 0.117 χ^2/NDF : 60677.4/9

asym_atr2_correction_mean vs slug



Right In: 428.117+/-1498.450 χ^2/NDF : 1.2/2

Left Out: 611.983+/-998.079 χ^2/NDF : 3.8/8

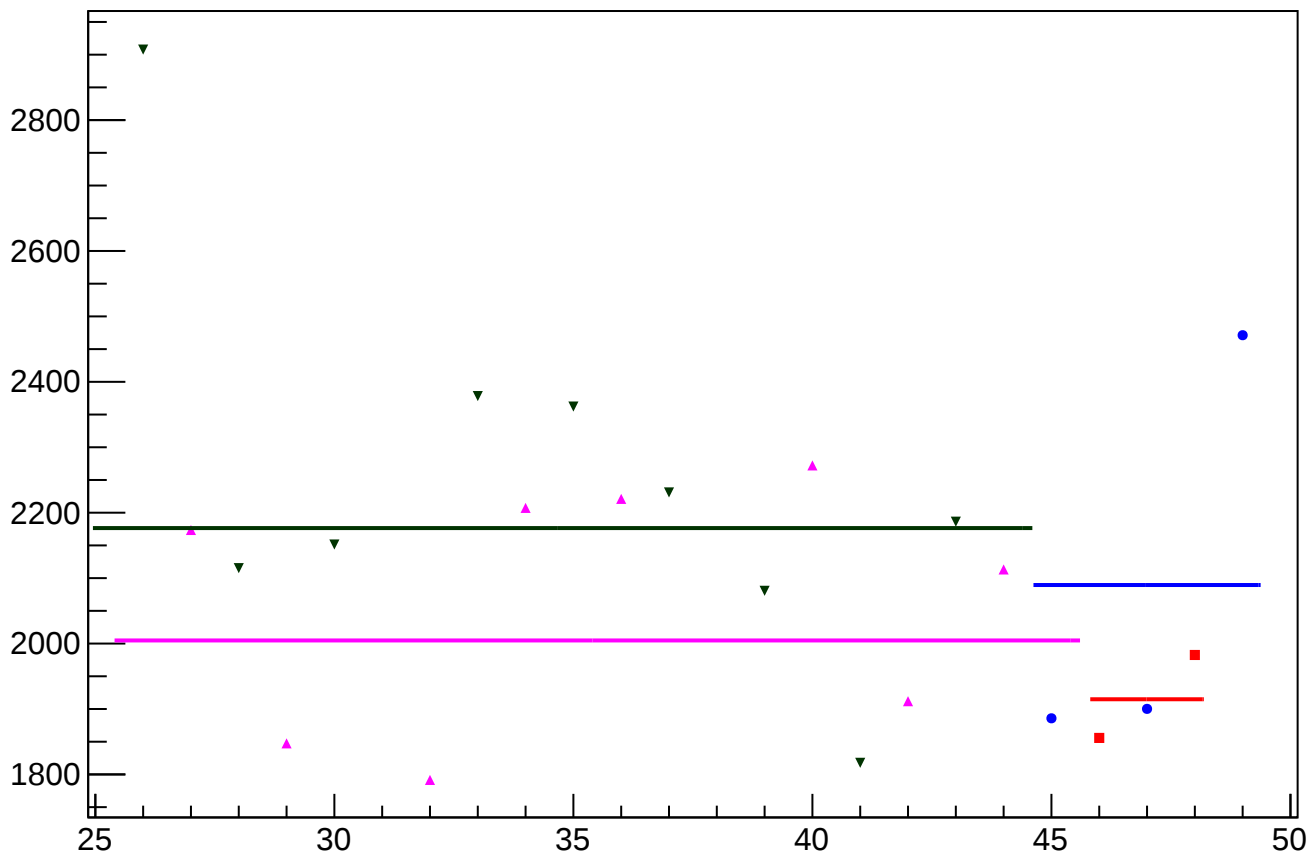
Right Out: -1069.395+/-2080.794 χ^2/NDF : 3.2/1

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

555.479+/-830.679 χ^2/NDF : 5.0/11

1024.279+/-818.976 χ^2/NDF : 14.8/9

asym_atr2_correction_rms vs slug



Right In: 2089.474+/-1.060 χ^2/NDF : 67292.3/2

Left Out: 2176.497+/-0.706 χ^2/NDF :124899.3/8

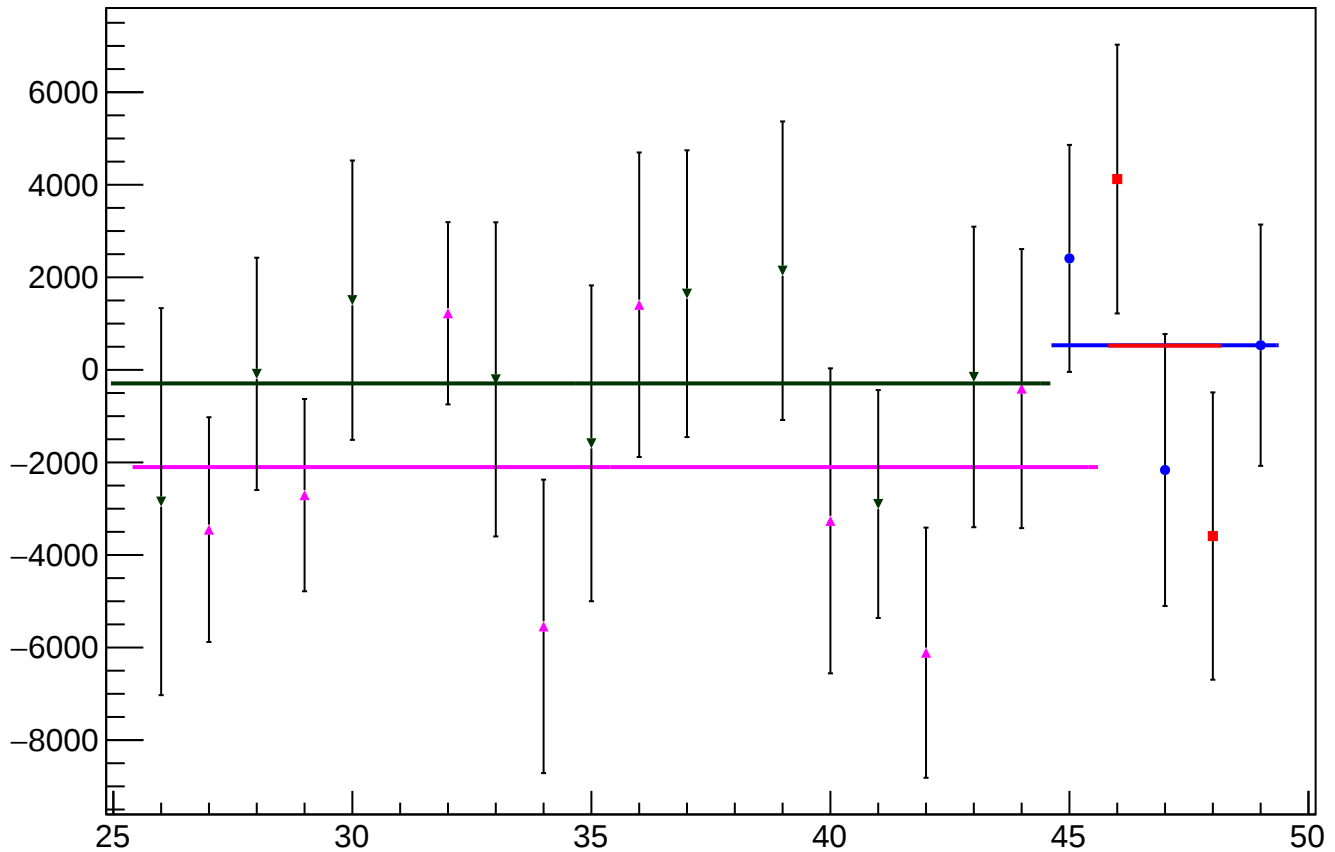
Right Out: 1914.875+/-1.471 χ^2/NDF : 1847.2/1

Left In: 2004.754+/-0.630 χ^2/NDF :84278.5/7

2149.753+/-0.587 χ^2/NDF : 196864.1/11

1990.831+/-0.579 χ^2/NDF : 89279.2/9

asym_atr2_mean vs slug



Right In: 531.501 $\pm$ 1526.598 χ^2 /NDF: 1.4/2

Left Out: -292.554 $\pm$ 1021.514 χ^2 /NDF: 3.0/8

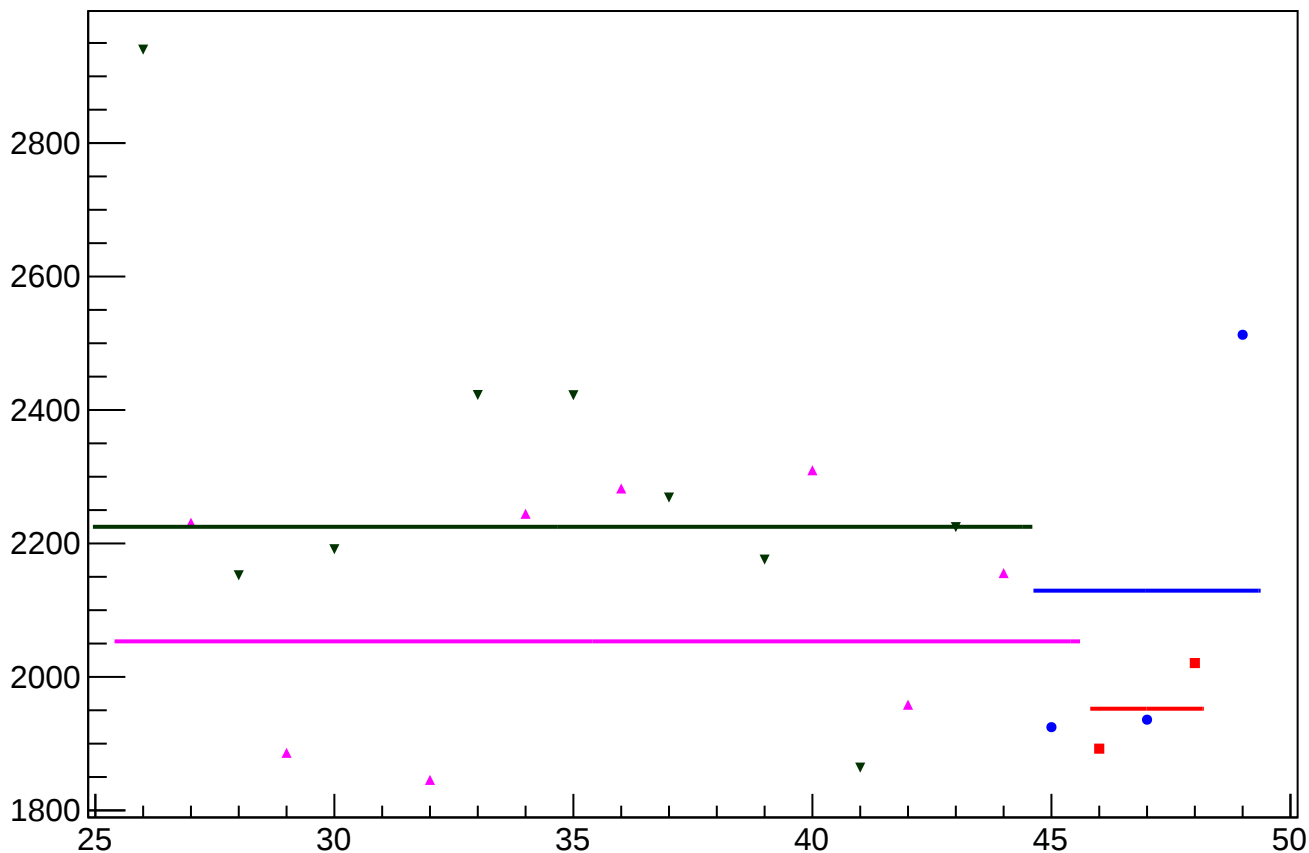
Right Out: 523.512 $\pm$ 2120.740 χ^2 /NDF: 3.3/1

Left In: -2100.632 $\pm$ 916.751 χ^2 /NDF: 8.2/7

-37.694 $\pm$ 848.979 χ^2 /NDF: 4.6/11

-1687.476 $\pm$ 841.493 χ^2 /NDF: 12.8/9

asym_atr2_rms vs slug



Right In: 2129.258 ± 1.079 χ^2/NDF : 65822.4/2

Left Out: 2224.962 ± 0.722 χ^2/NDF : 117664.9/8

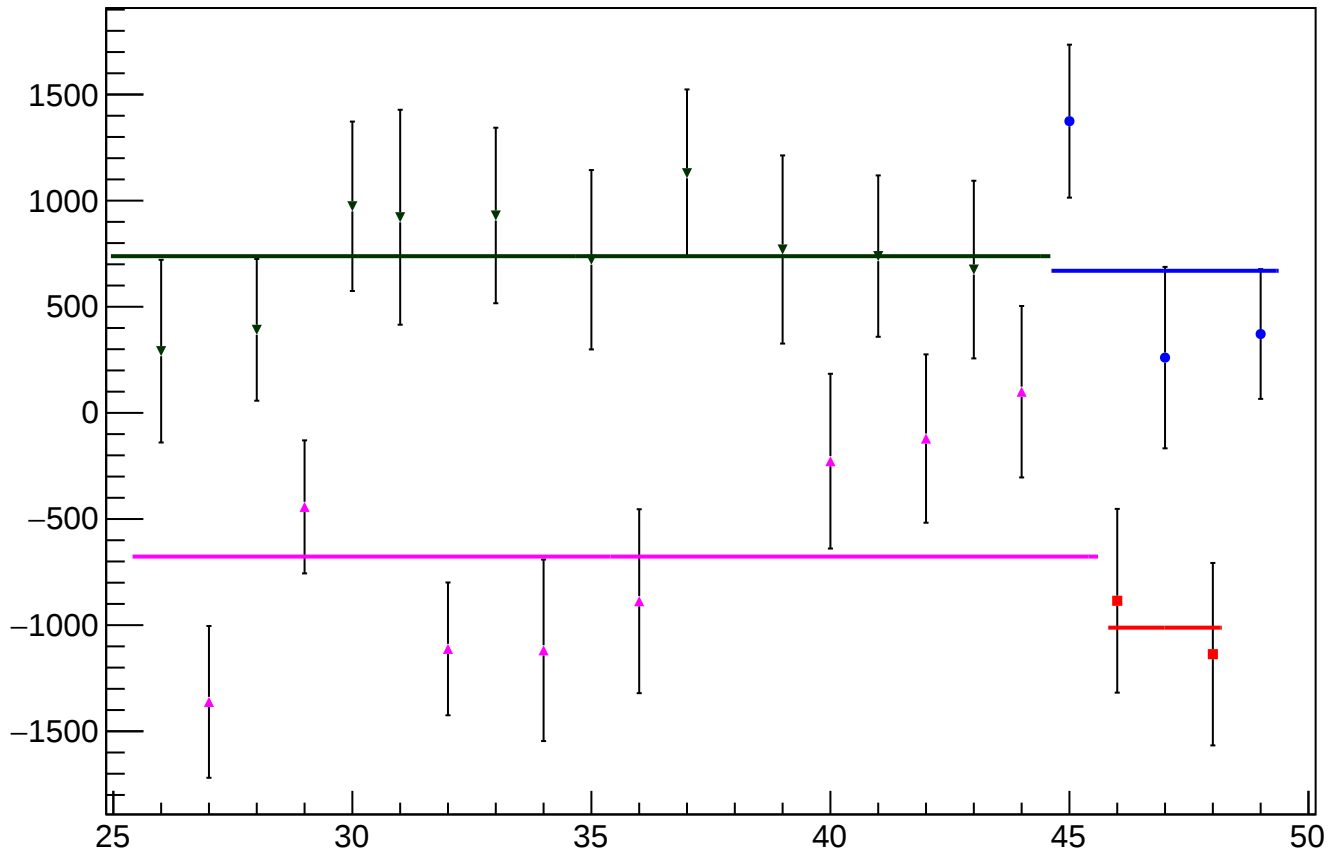
Right Out: 1952.346 ± 1.500 χ^2/NDF : 1821.5/1

Left In: 2053.263 ± 0.648 χ^2/NDF : 79708.2/7

2195.363 ± 0.600 χ^2/NDF : 188916.6/11

2037.374 ± 0.595 χ^2/NDF : 85345.5/9

reg_asym_atl_avg_mean vs slug



Right In: 669.527 $\pm$ 204.630 χ^2/NDF : 5.7/2

Left Out: 738.316 $\pm$ 128.954 χ^2/NDF : 3.9/9

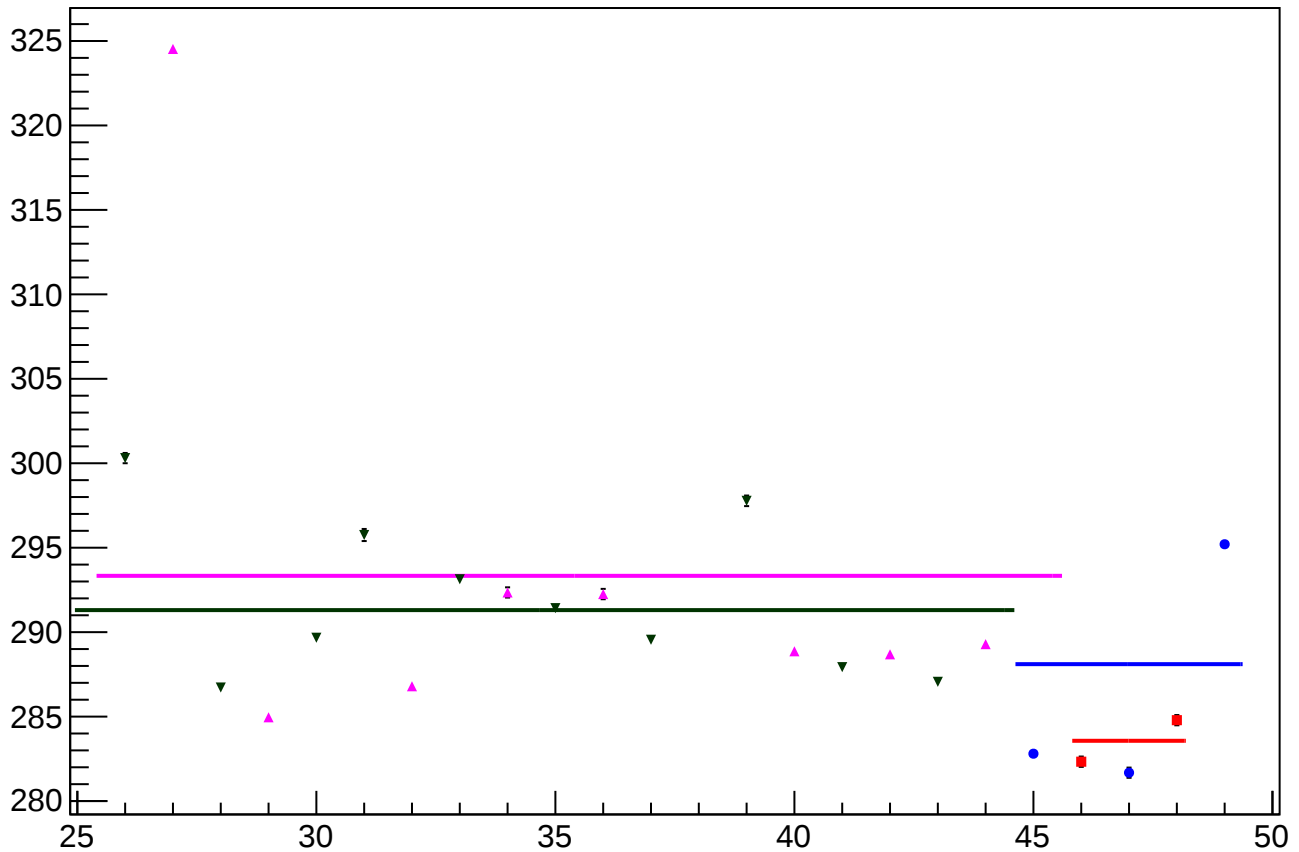
Right Out: -1011.842 $\pm$ 305.002 χ^2/NDF : 0.2/1

Left In: -676.938 $\pm$ 131.978 χ^2/NDF : 14.3/7

718.763 $\pm$ 109.098 χ^2/NDF : 9.6/12

-729.756 $\pm$ 121.125 χ^2/NDF : 15.5/9

reg_asym_atl_avg_rms vs slug



Right In: 288.106 ± 0.145 χ^2/NDF : 1964.1/2

Left Out: 291.305 ± 0.091 χ^2/NDF : 2308.5/9

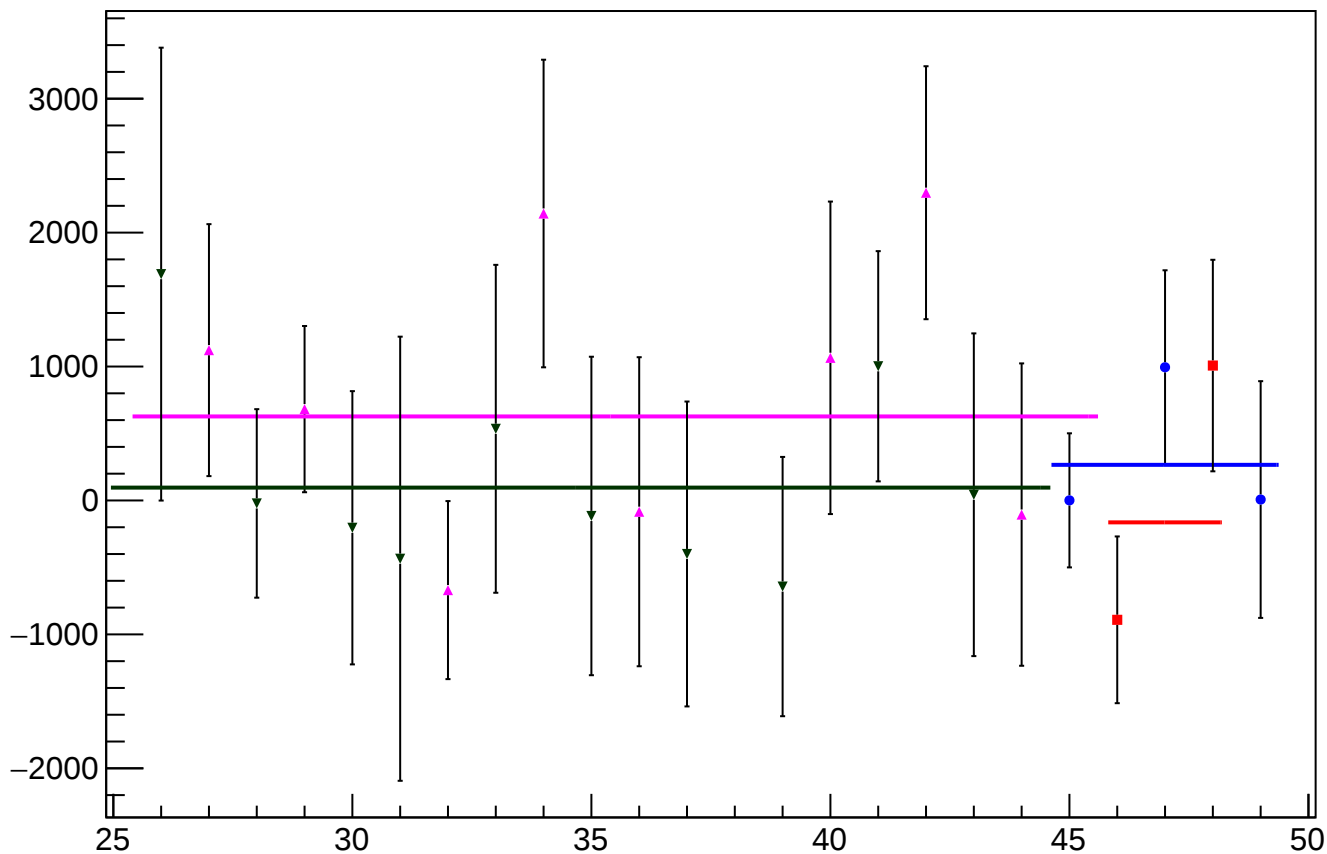
Right Out: 283.568 ± 0.216 χ^2/NDF : 32.5/1

Left In: 293.335 ± 0.093 χ^2/NDF : 18255.8/7

290.396 ± 0.077 χ^2/NDF : 4622.6/12

291.795 ± 0.086 χ^2/NDF : 20015.7/9

asym_atl_avg_correction_mean vs slug



Right In: 265.991+/-373.246 χ^2/NDF : 1.4/2

Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

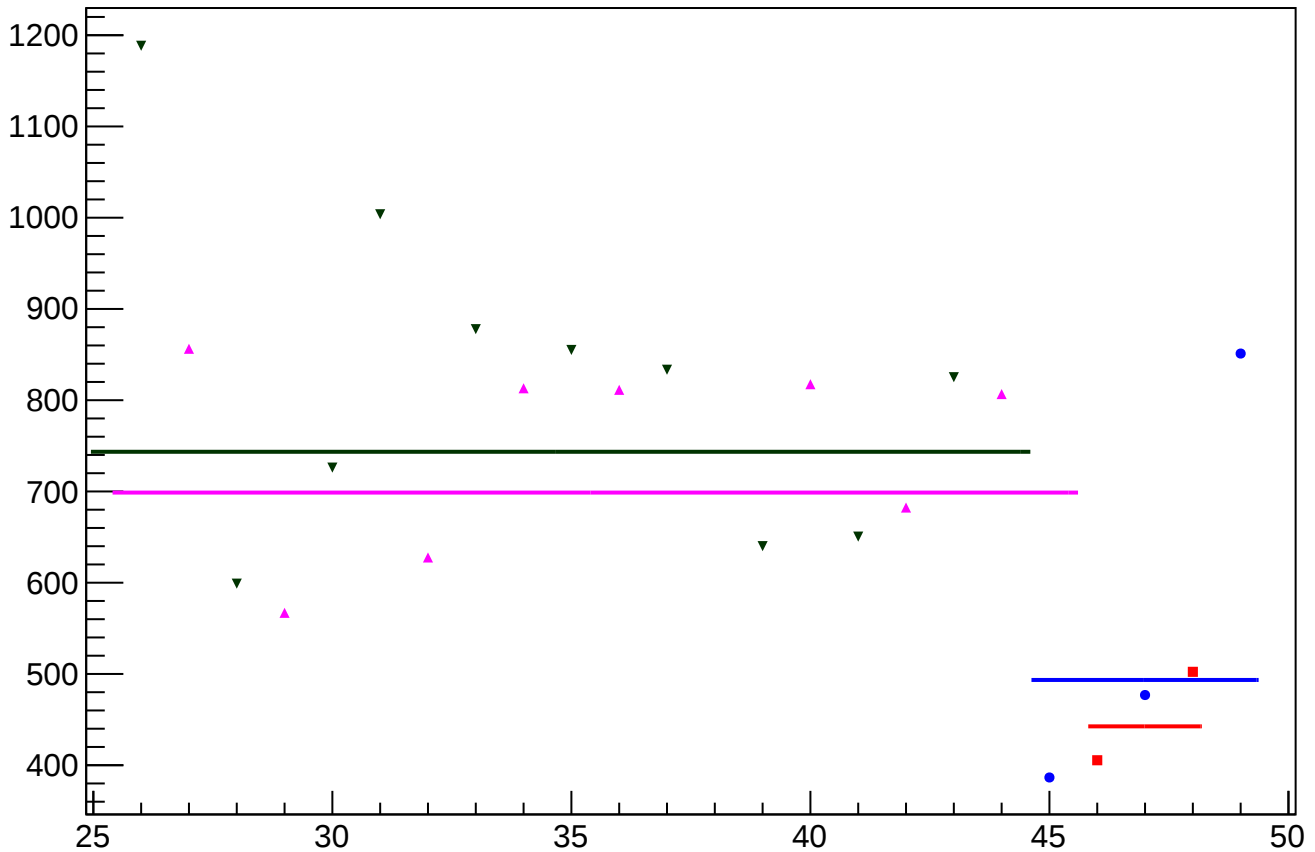
Right Out: -163.594+/-488.897 χ^2/NDF : 3.6/1

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

171.640+/-249.014 χ^2/NDF : 4.6/12

396.329+/-264.233 χ^2/NDF : 15.3/9

asym_atl_avg_correction_rms vs slug



Right In: 493.422+/-0.264 χ^2/NDF : 419791.1/2

Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

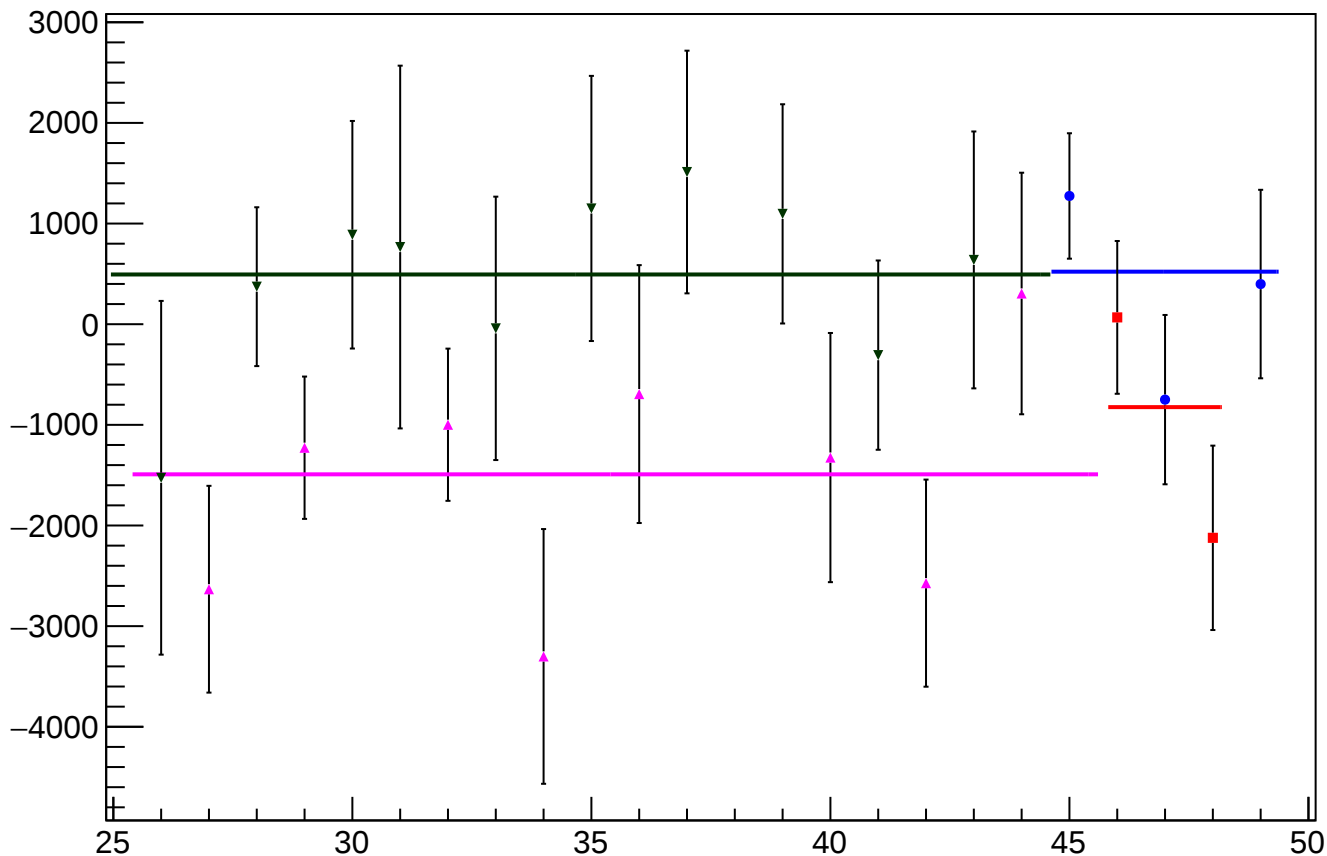
Right Out: 442.570+/-0.346 χ^2/NDF : 18568.3/1

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

632.179+/-0.176 χ^2/NDF : 1300194.0/12

623.933+/-0.187 χ^2/NDF : 655022.5/9

asym_atl_avg_mean vs slug



Right In: 521.923 ± 441.558 $\chi^2/\text{NDF}: 3.8/2$

Left Out: 494.045 ± 366.212 $\chi^2/\text{NDF}: 3.7/9$

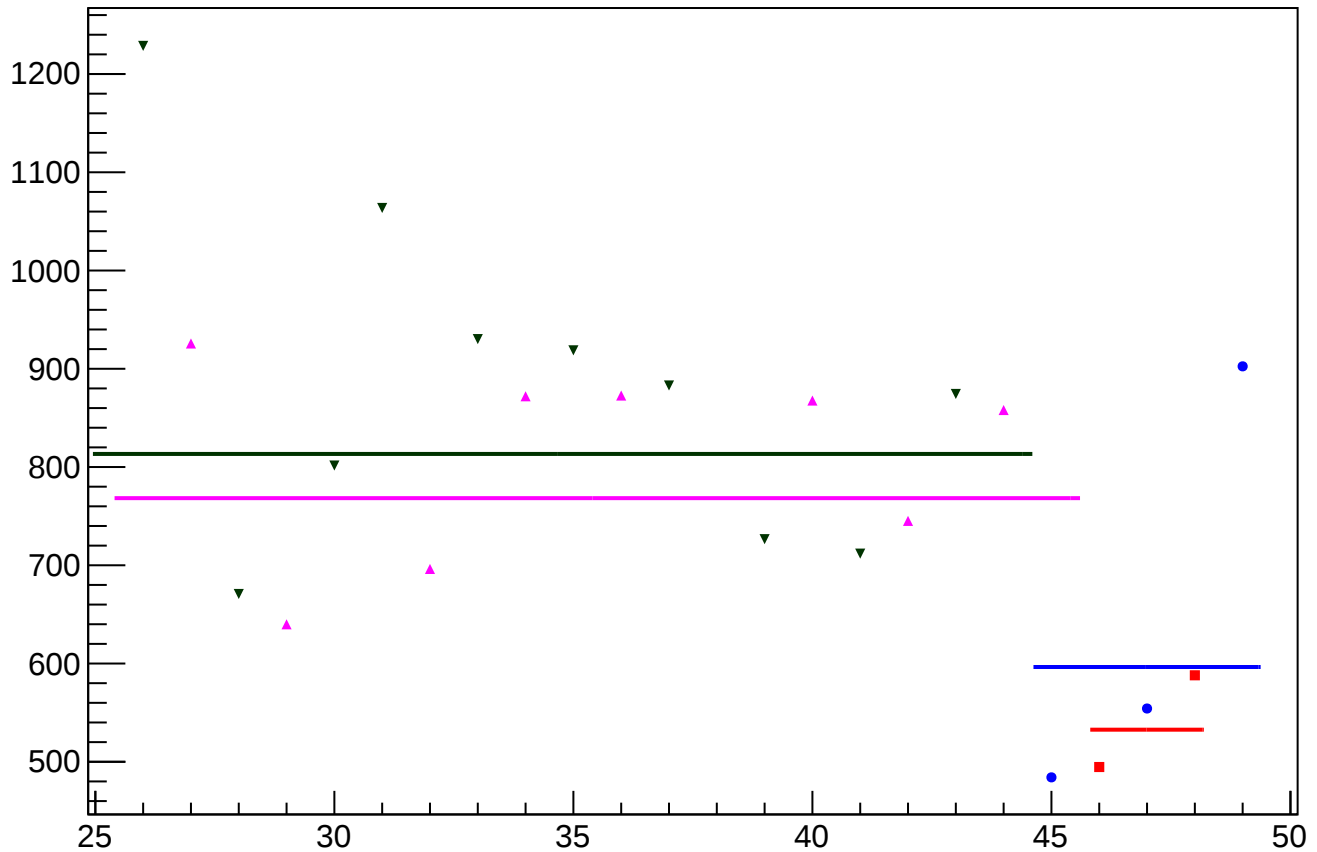
Right Out: -823.907 ± 584.451 $\chi^2/\text{NDF}: 3.4/1$

Left In: -1491.627 ± 348.747 $\chi^2/\text{NDF}: 7.6/7$

505.406 ± 281.881 $\chi^2/\text{NDF}: 7.4/12$

-1316.304 ± 299.482 $\chi^2/\text{NDF}: 11.9/9$

asym_atl_avg_rms vs slug



Right In: 596.465+/-0.312 χ^2/NDF : 283617.8/2

Left Out: 813.323+/-0.259 χ^2/NDF : 291804.3/9

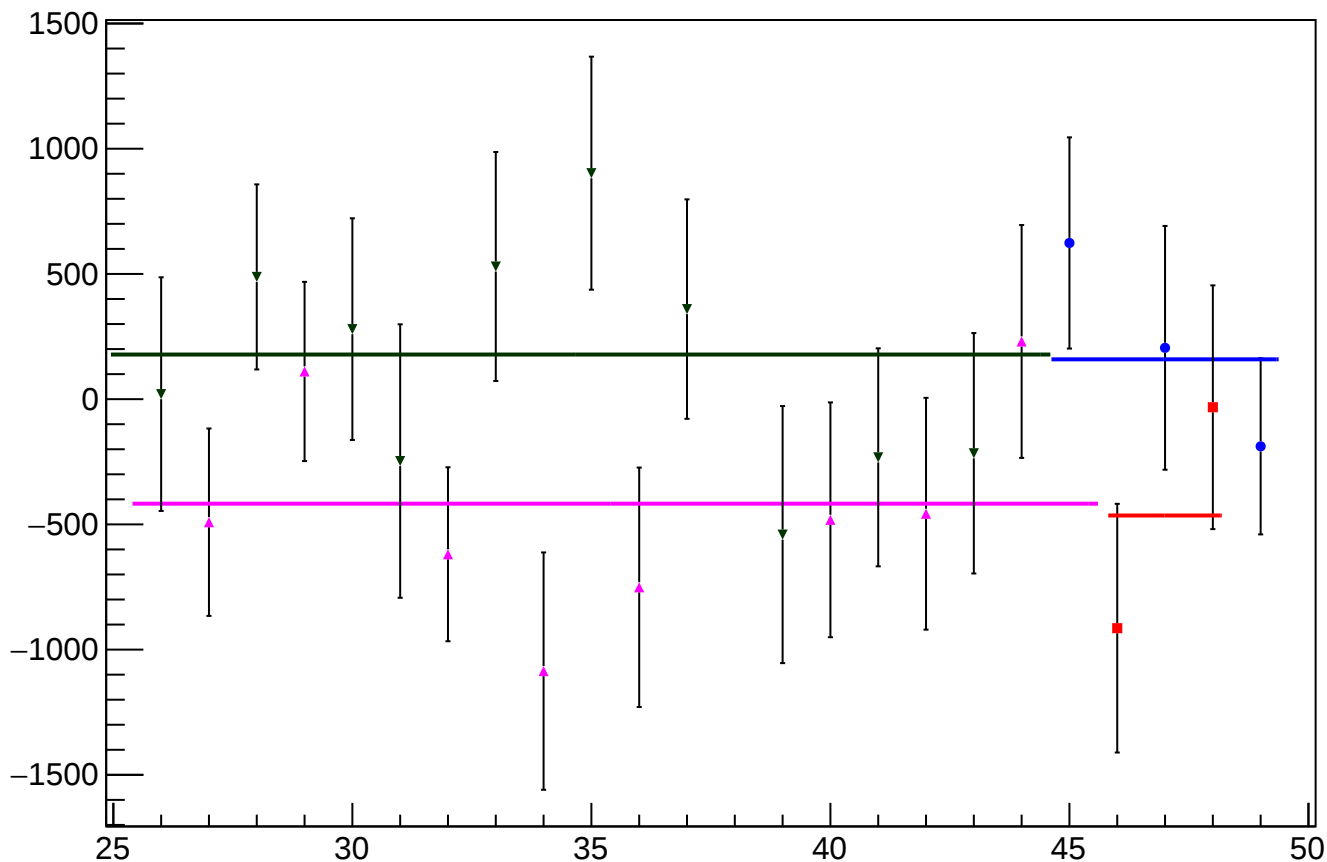
Right Out: 532.670+/-0.413 χ^2/NDF : 12315.5/1

Left In: 768.326+/-0.247 χ^2/NDF : 182845.3/7

724.947+/-0.199 χ^2/NDF : 861228.9/12

706.450+/-0.212 χ^2/NDF : 434939.1/9

reg_asym_atl_dd_mean vs slug



Right In: 159.038 $\pm$ 236.162 χ^2 /NDF: 2.2/2

Left Out: 178.217 $\pm$ 143.718 χ^2 /NDF: 8.2/9

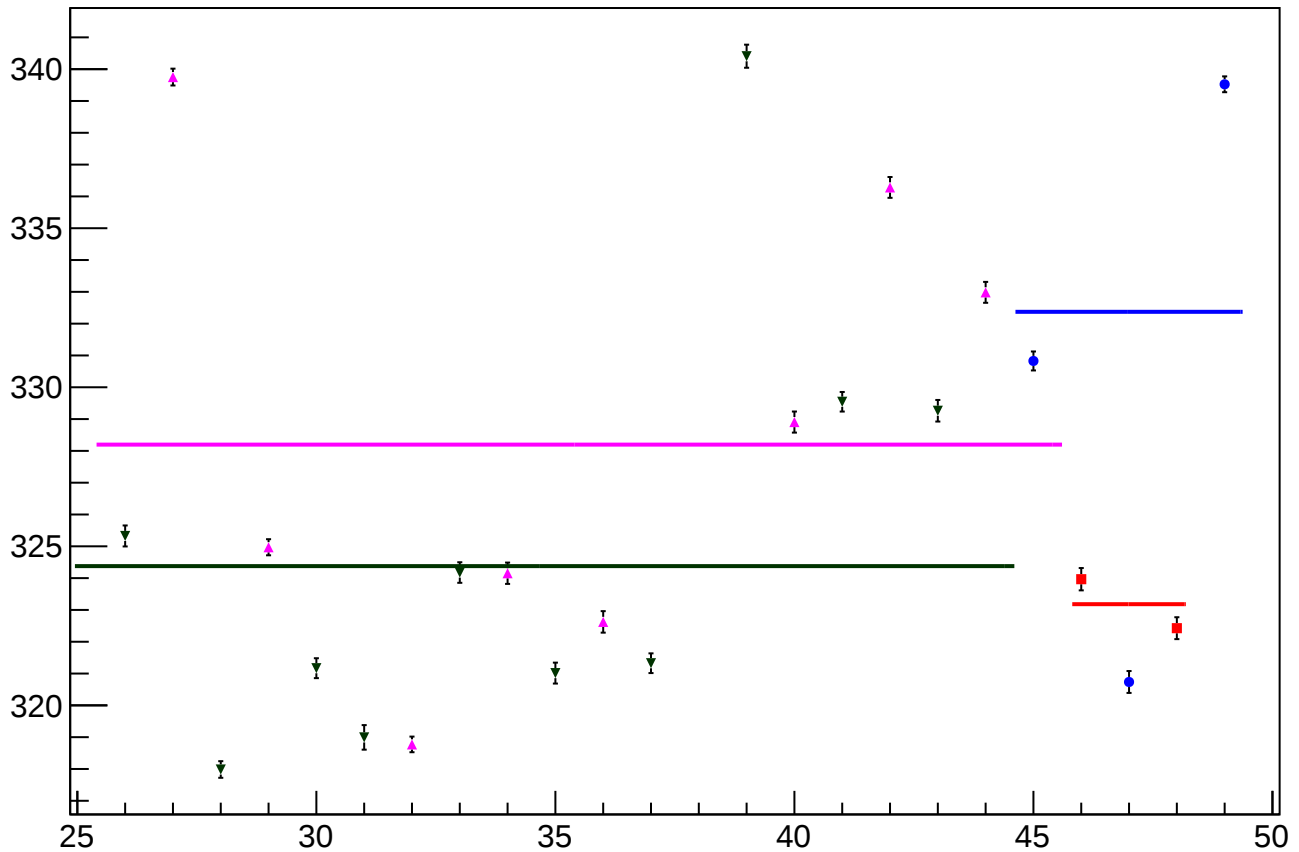
Right Out: -464.432 $\pm$ 347.521 χ^2 /NDF: 1.6/1

Left In: -417.319 $\pm$ 147.577 χ^2 /NDF: 7.0/7

173.034 $\pm$ 122.771 χ^2 /NDF: 10.4/12

-424.517 $\pm$ 135.836 χ^2 /NDF: 8.6/9

reg_asym_atl_dd_rms vs slug



Right In: 332.372 $\pm$ 0.167 χ^2 /NDF: 1997.3/2

Left Out: 324.377 $\pm$ 0.102 χ^2 /NDF: 3549.0/9

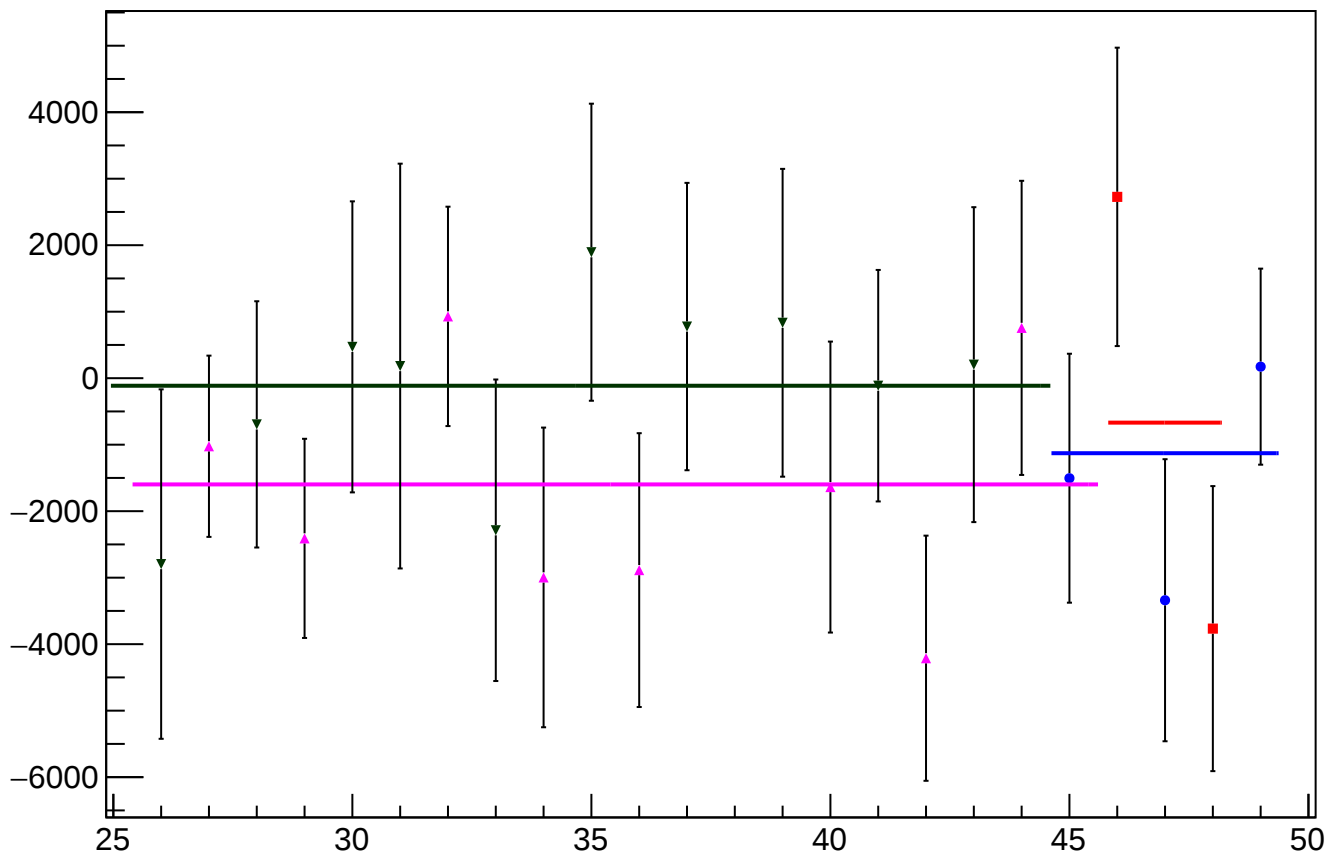
Right Out: 323.181 $\pm$ 0.246 χ^2 /NDF: 9.8/1

Left In: 328.197 $\pm$ 0.104 χ^2 /NDF: 4786.7/7

326.538 $\pm$ 0.087 χ^2 /NDF: 7218.9/12

327.431 $\pm$ 0.096 χ^2 /NDF: 5149.5/9

asym_atl_dd_correction_mean vs slug



Right In: -1128.202 $\pm$ 1016.488 χ^2 /NDF: 1.9/2

Left Out: -113.667 $\pm$ 697.189 χ^2 /NDF: 3.3/9

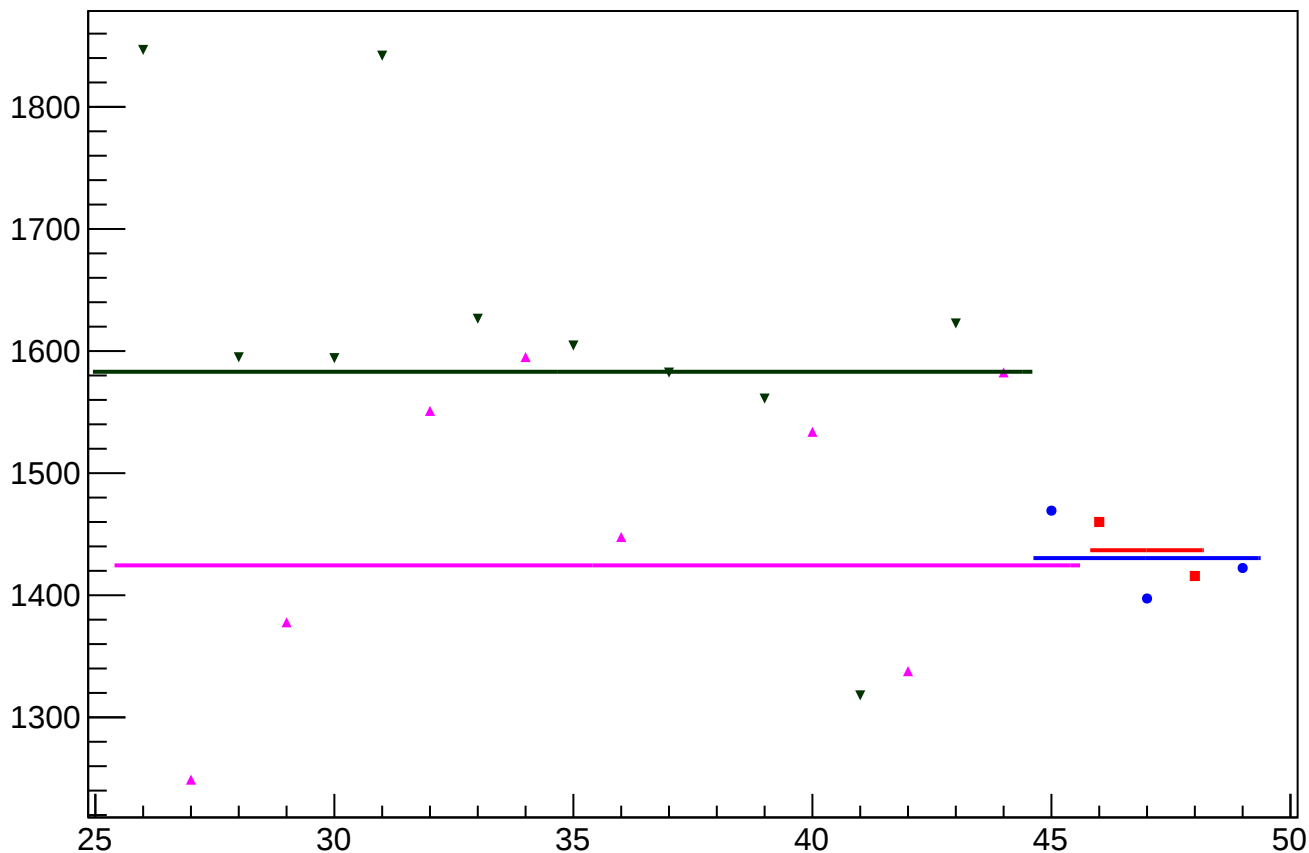
Right Out: -668.370 $\pm$ 1549.845 χ^2 /NDF: 4.4/1

Left In: -1597.547 $\pm$ 633.459 χ^2 /NDF: 6.7/7

-438.244 $\pm$ 574.947 χ^2 /NDF: 5.9/12

-1464.542 $\pm$ 586.371 χ^2 /NDF: 11.4/9

asym_atl_dd_correction_rms vs slug



Right In: 1430.433+/-0.719 χ^2 /NDF: 1409.6/2

Left Out: 1583.049+/-0.493 χ^2 /NDF:82755.6/9

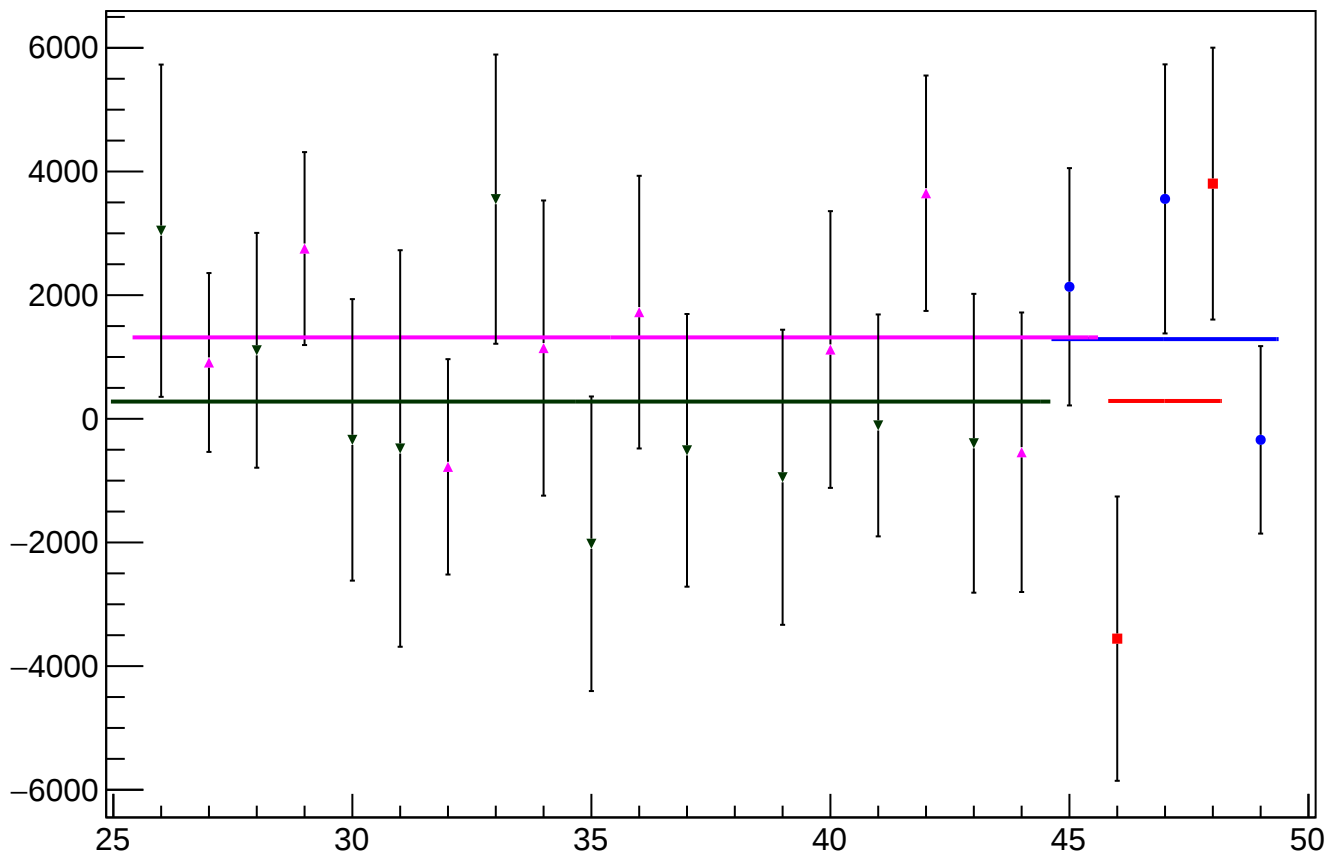
Right Out: 1436.877+/-1.096 χ^2 /NDF: 406.5/1

Left In: 1424.479+/-0.448 χ^2 /NDF:78214.9/7

1534.223+/-0.407 χ^2 /NDF: 114825.8/12

1426.254+/-0.415 χ^2 /NDF: 78731.1/9

asym_atl_dd_mean vs slug



Right In: 1288.996+/-1043.916 χ^2/NDF : 2.4/2

Left Out: 278.907+/-720.229 χ^2/NDF :4.8/9

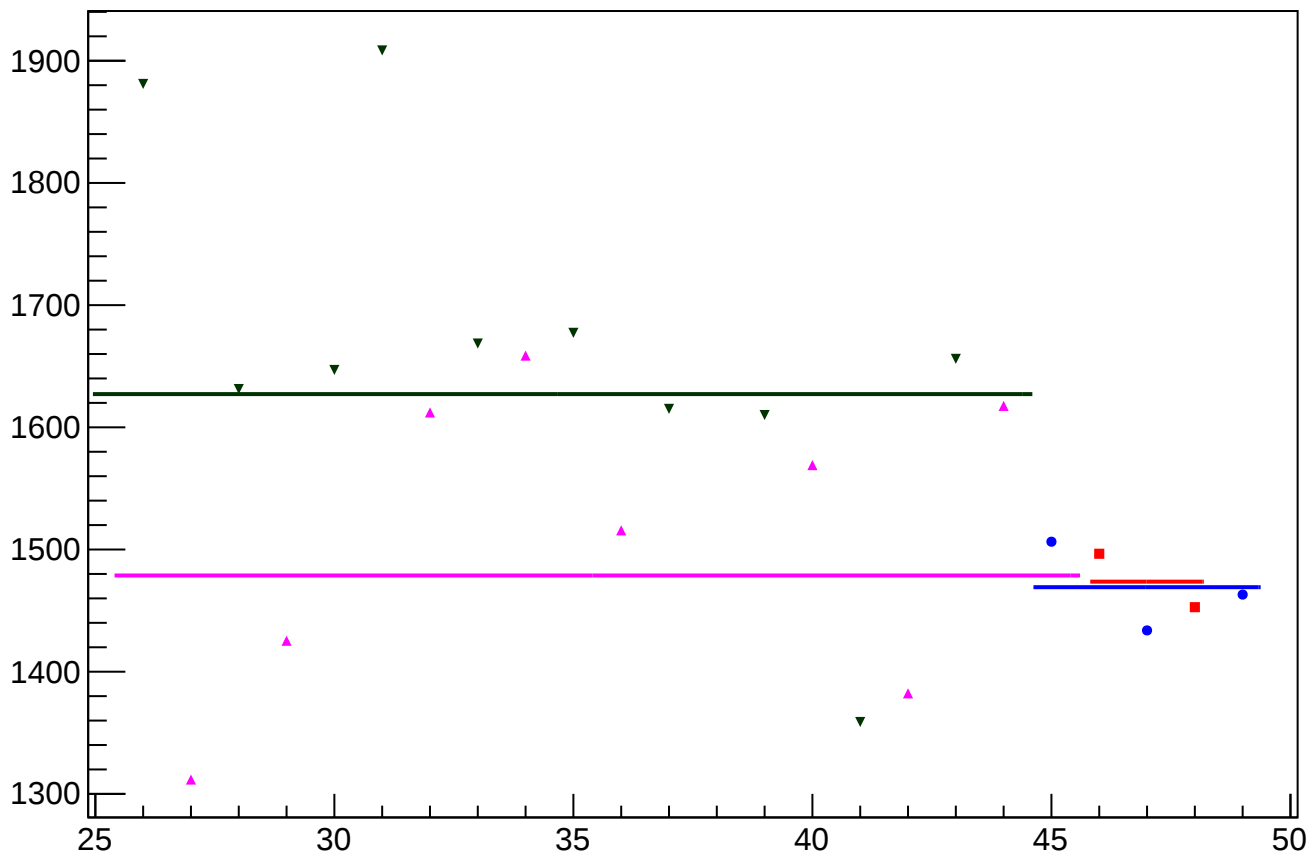
Right Out: 288.483+/-1589.106 χ^2/NDF : 5.4/1

Left In: 1317.055+/-663.629 χ^2/NDF :4.6/7

604.655+/-592.825 χ^2/NDF : 7.9/12

1164.311+/-612.375 χ^2/NDF : 10.3/9

asym_atl_dd_rms vs slug



Right In: 1469.167+/-0.738 χ^2/NDF : 1312.7/2

Left Out: 1627.194+/-0.509 χ^2/NDF :80064.9/9

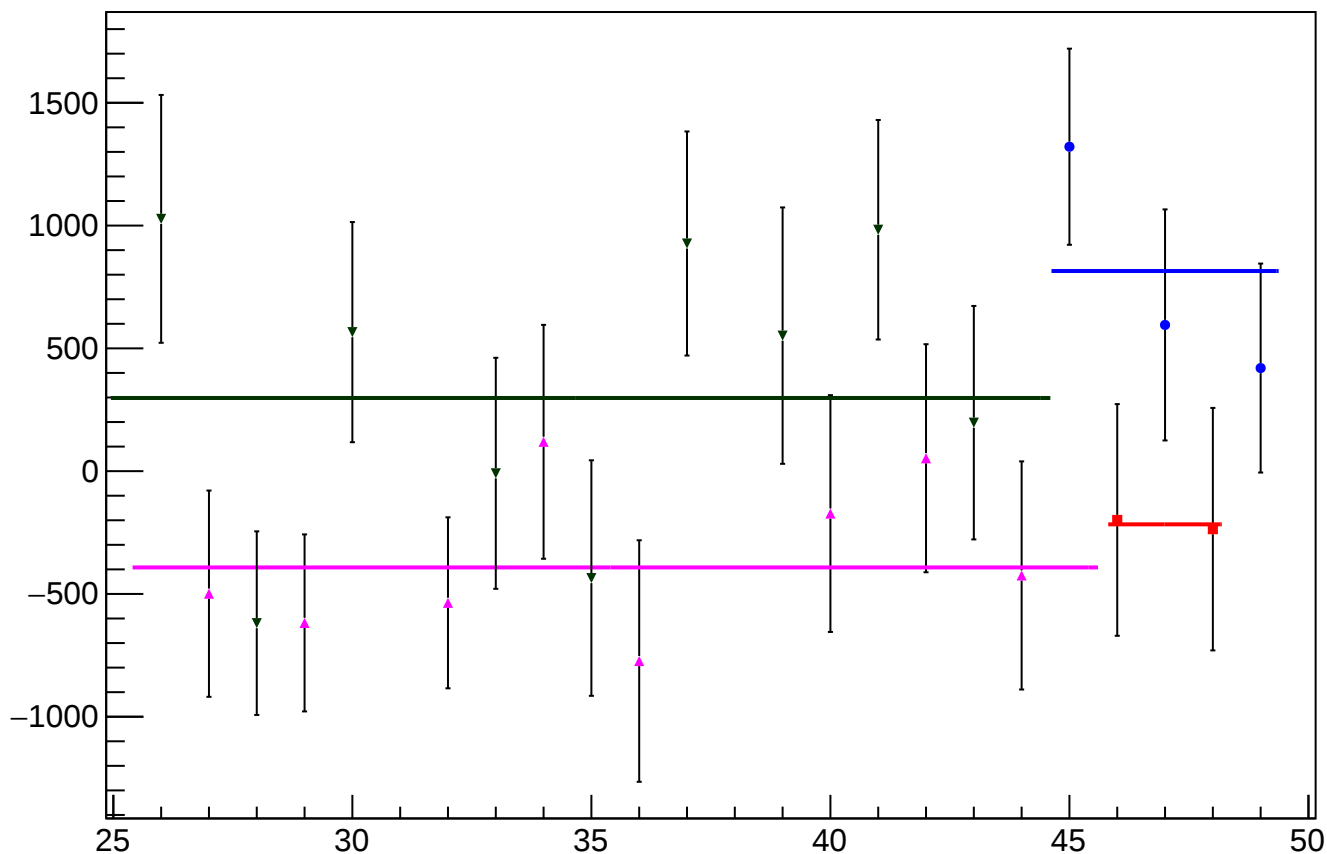
Right Out: 1473.693+/-1.124 χ^2/NDF : 378.0/1

Left In: 1478.747+/-0.469 χ^2/NDF :68597.0/7

1576.231+/-0.419 χ^2/NDF : 112428.7/12

1477.996+/-0.433 χ^2/NDF : 68992.3/9

reg_asym_atr_avg_mean vs slug



Right In: 814.944 $\pm$ 247.582 χ^2/NDF : 2.7/2

Left Out: 297.955 $\pm$ 152.800 χ^2/NDF : 15.8/8

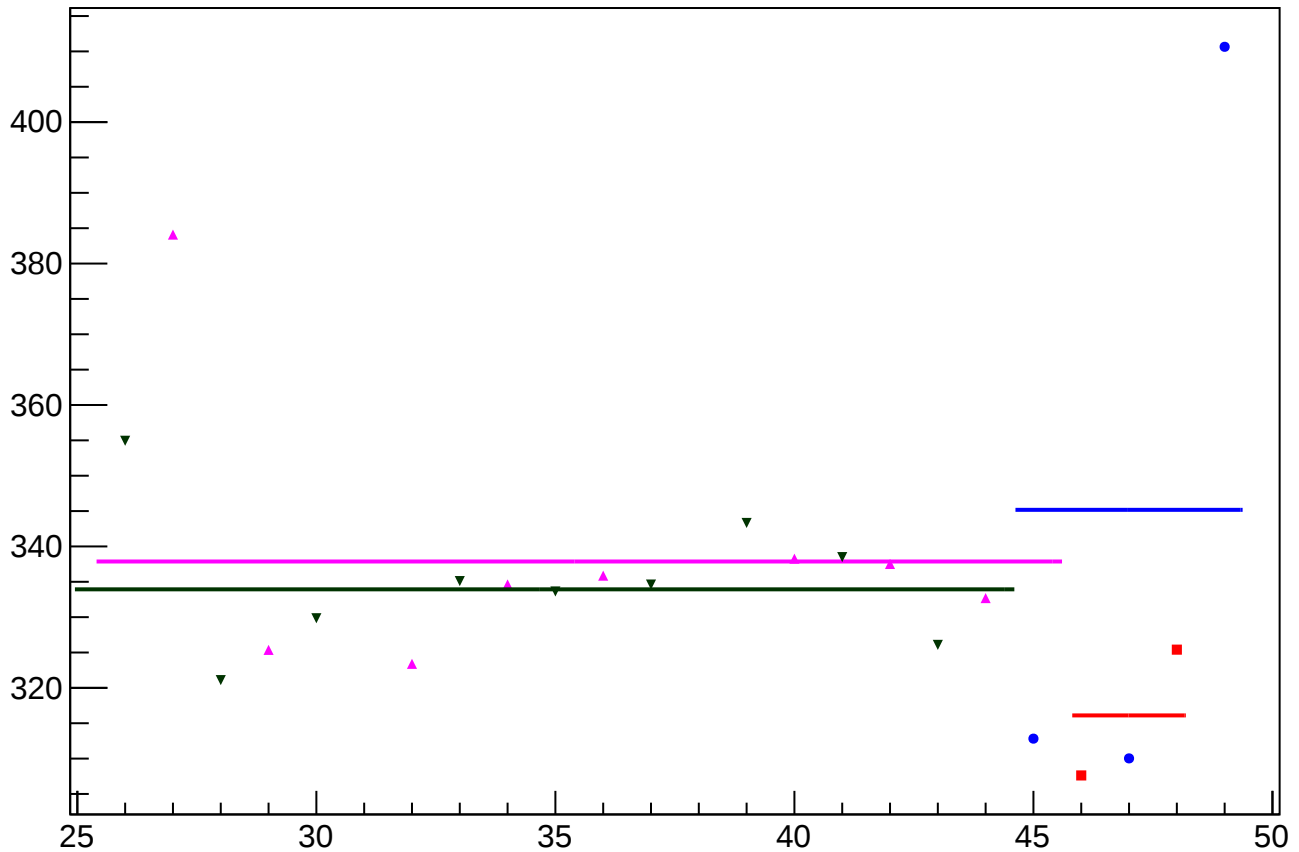
Right Out: -216.593 $\pm$ 341.069 χ^2/NDF : 0.0/1

Left In: -392.029 $\pm$ 151.208 χ^2/NDF : 3.5/7

440.558 $\pm$ 130.030 χ^2/NDF : 21.6/11

-363.211 $\pm$ 138.232 χ^2/NDF : 3.7/9

reg_asym_atr_avg_rms vs slug



Right In: 345.175+/-0.175 χ^2/NDF : 71656.8/2

Left Out: 333.934+/-0.108 χ^2/NDF : 7408.6/8

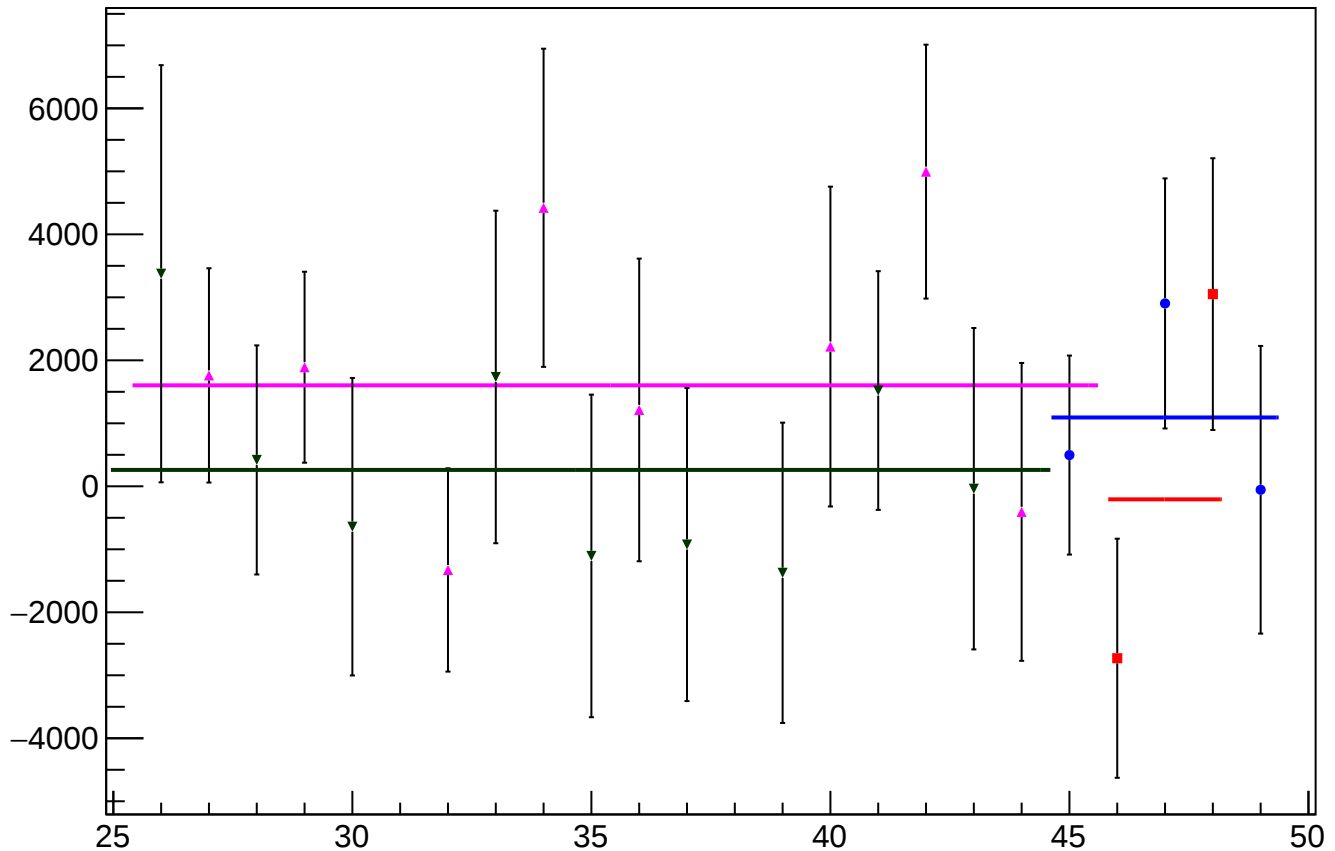
Right Out: 316.106+/-0.241 χ^2/NDF : 1357.0/1

Left In: 337.870+/-0.107 χ^2/NDF : 30461.2/7

337.034+/-0.092 χ^2/NDF : 82051.2/11

334.295+/-0.098 χ^2/NDF : 38624.6/9

asym_atr_avg_correction_mean vs slug



Right In: 1092.754+/-1086.999 χ^2/NDF : 1.2/2

Left Out: 260.094+/-781.083 χ^2/NDF : 2.8/8

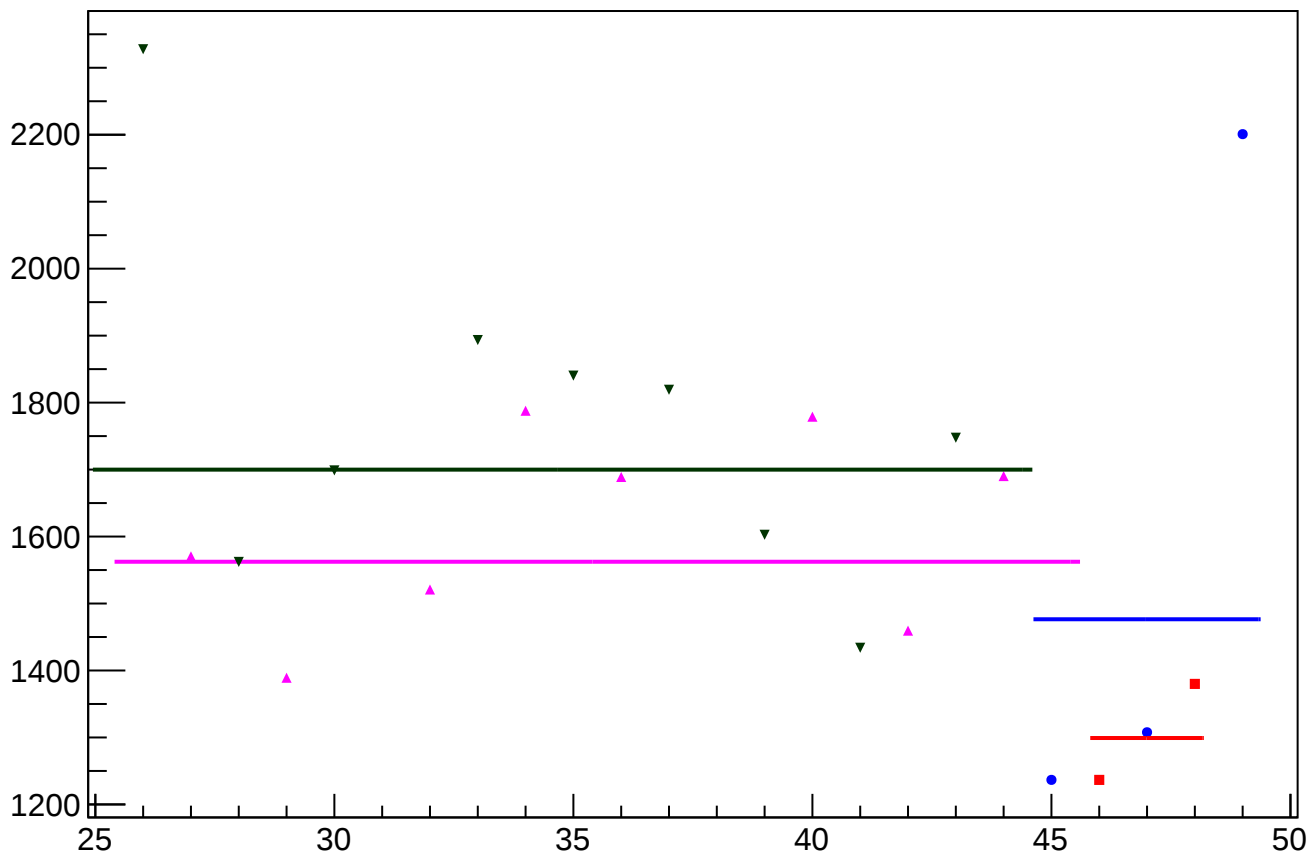
Right Out: -207.052+/-1424.857 χ^2/NDF : 4.0/1

Left In: 1602.732+/-694.176 χ^2/NDF : 8.2/7

543.629+/-634.306 χ^2/NDF : 4.4/11

1255.572+/-624.055 χ^2/NDF : 13.6/9

asym_atr_avg_correction_rms vs slug



Right In: 1476.490+/-0.769 χ^2/NDF : 261829.6/2

Left Out: 1699.916+/-0.552 χ^2/NDF :148167.9/8

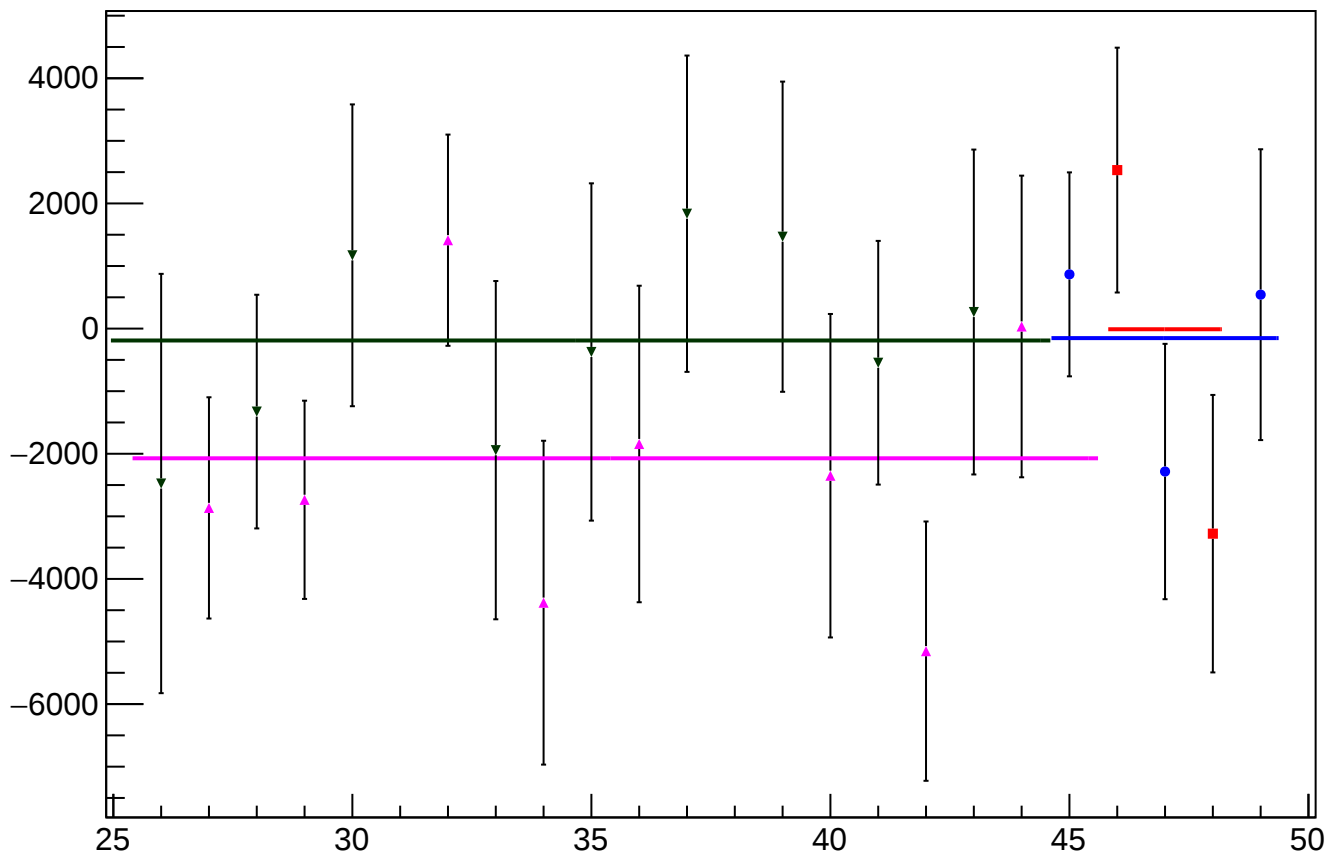
Right Out: 1299.185+/-1.008 χ^2/NDF : 4978.5/1

Left In: 1562.377+/-0.491 χ^2/NDF :74597.0/7

1623.836+/-0.449 χ^2/NDF : 465721.4/11

1511.890+/-0.441 χ^2/NDF : 134724.5/9

asym_atr_avg_mean vs slug



Right In: -152.032 ± 1116.593 $\chi^2/\text{NDF}: 1.6/2$

Left Out: -189.957 ± 802.163 $\chi^2/\text{NDF}: 2.7/8$

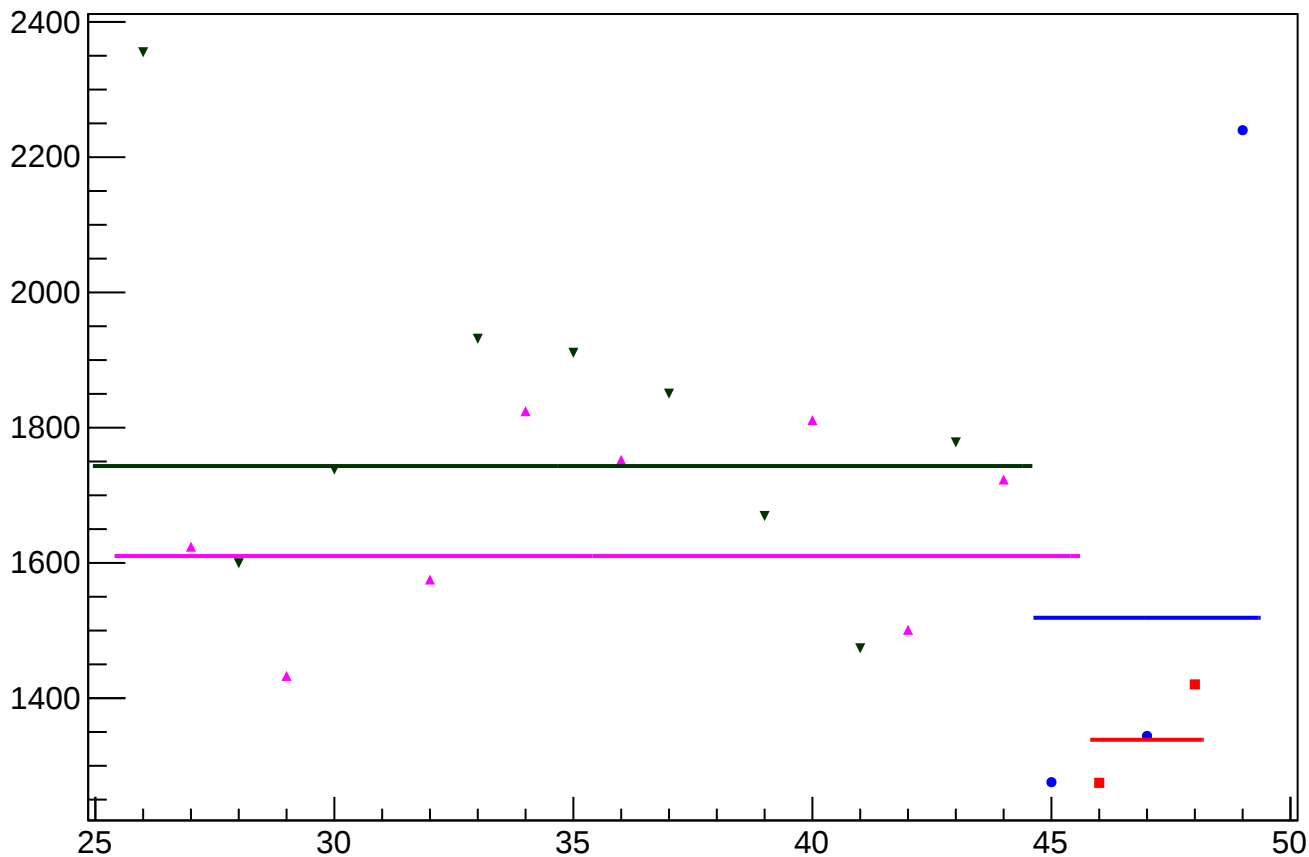
Right Out: -10.377 ± 1466.838 $\chi^2/\text{NDF}: 3.9/1$

Left In: -2072.589 ± 719.748 $\chi^2/\text{NDF}: 8.4/7$

-177.047 ± 651.476 $\chi^2/\text{NDF}: 4.3/11$

-1672.424 ± 646.153 $\chi^2/\text{NDF}: 13.9/9$

asym_atr_avg_rms vs slug



Right In: 1518.910+/-0.790 χ^2/NDF : 251774.8/2

Left Out: 1743.280+/-0.567 χ^2/NDF :140061.2/8

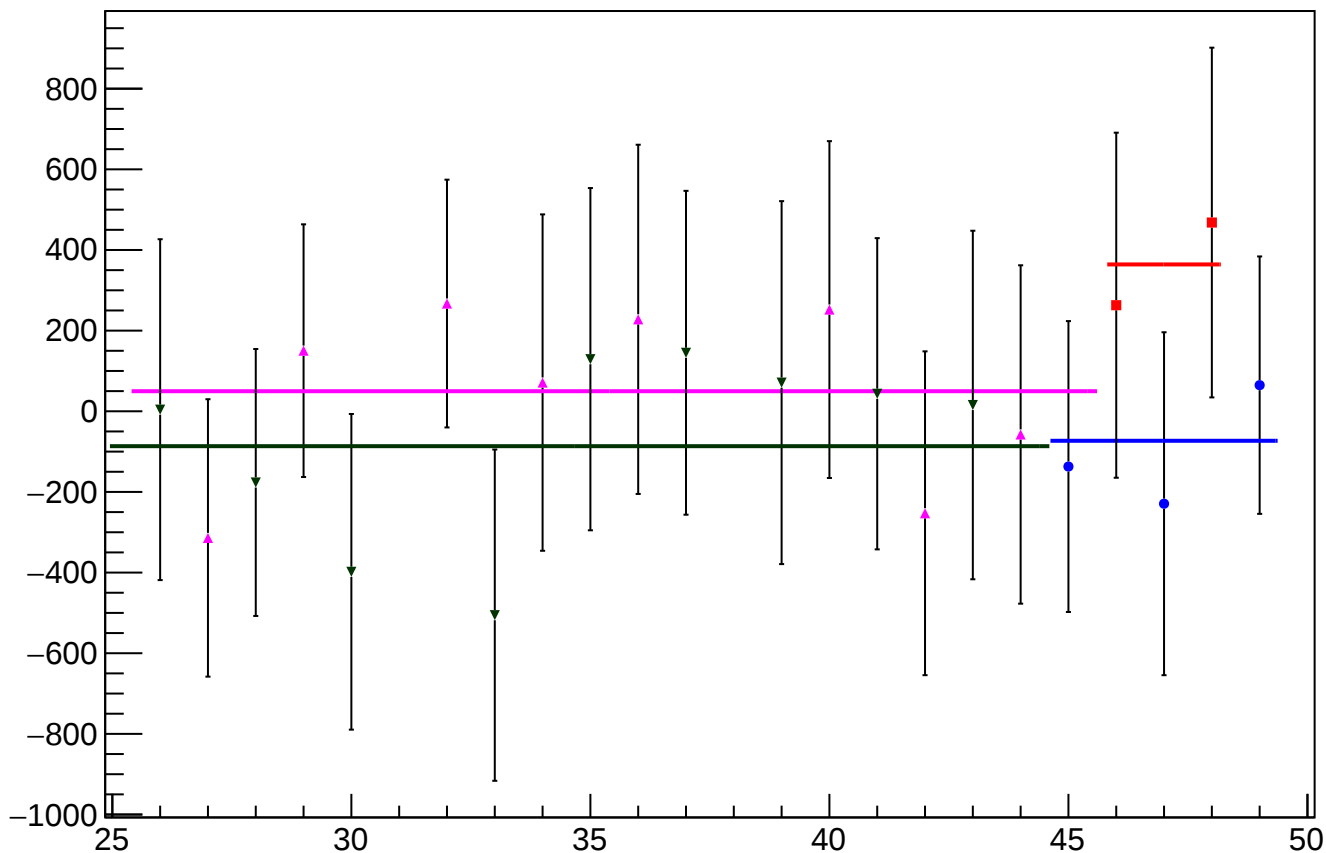
Right Out: 1338.507+/-1.037 χ^2/NDF : 4849.6/1

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1666.901+/-0.461 χ^2/NDF : 445100.7/11

1557.477+/-0.457 χ^2/NDF : 128255.6/9

reg_asym_atr_dd_mean vs slug



Right In: -73.165 ± 208.365 χ^2/NDF : 0.4/2

Left Out: -86.539 ± 133.704 χ^2/NDF : 2.7/8

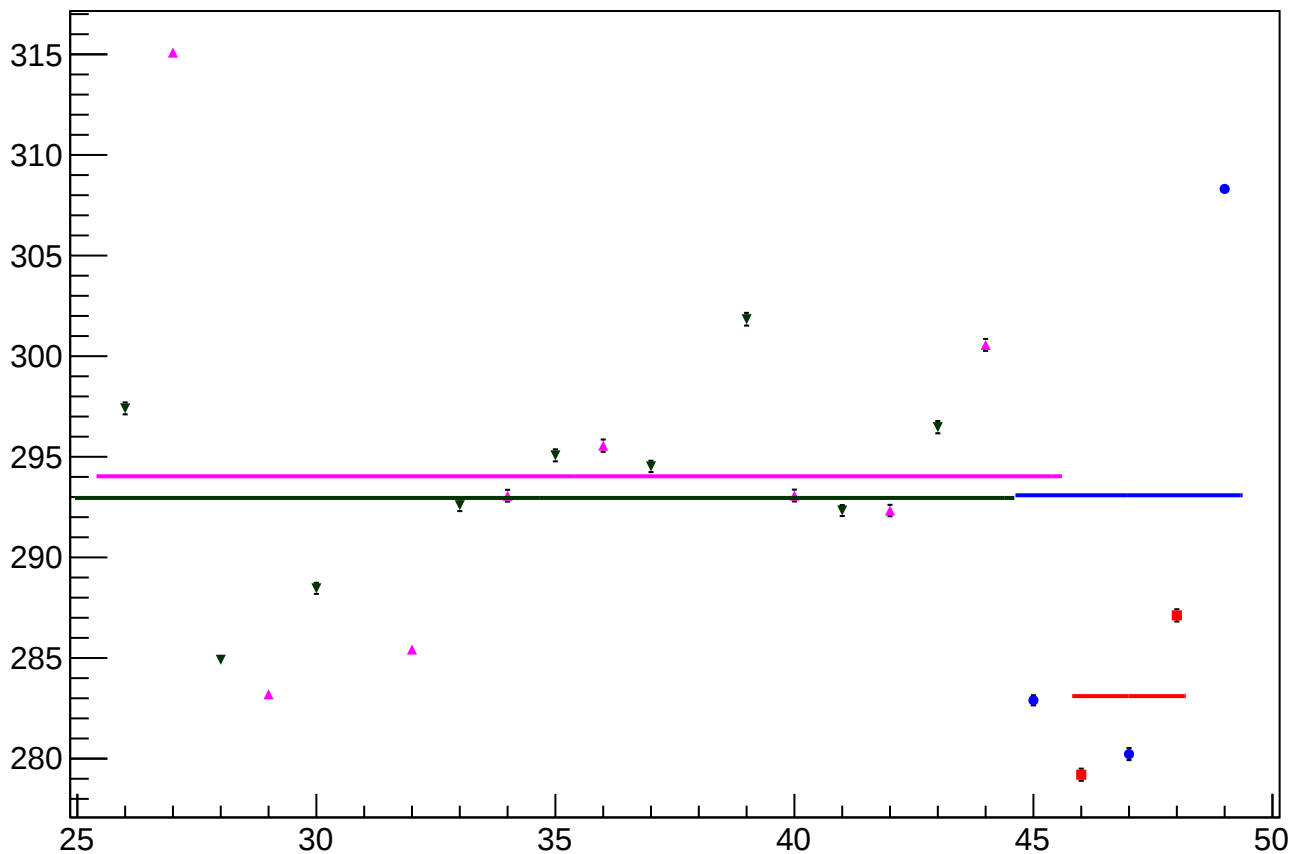
Right Out: 364.172 ± 304.572 χ^2/NDF : 0.1/1

Left In: 49.768 ± 131.388 χ^2/NDF : 2.8/7

-82.638 ± 112.529 χ^2/NDF : 3.0/11

99.097 ± 120.641 χ^2/NDF : 3.8/9

reg_asym_atr_dd_rms vs slug



Right In: 293.088 $\pm$ 0.147 χ^2 /NDF: 7976.1/2

Left Out: 292.955 $\pm$ 0.095 χ^2 /NDF: 2664.1/8

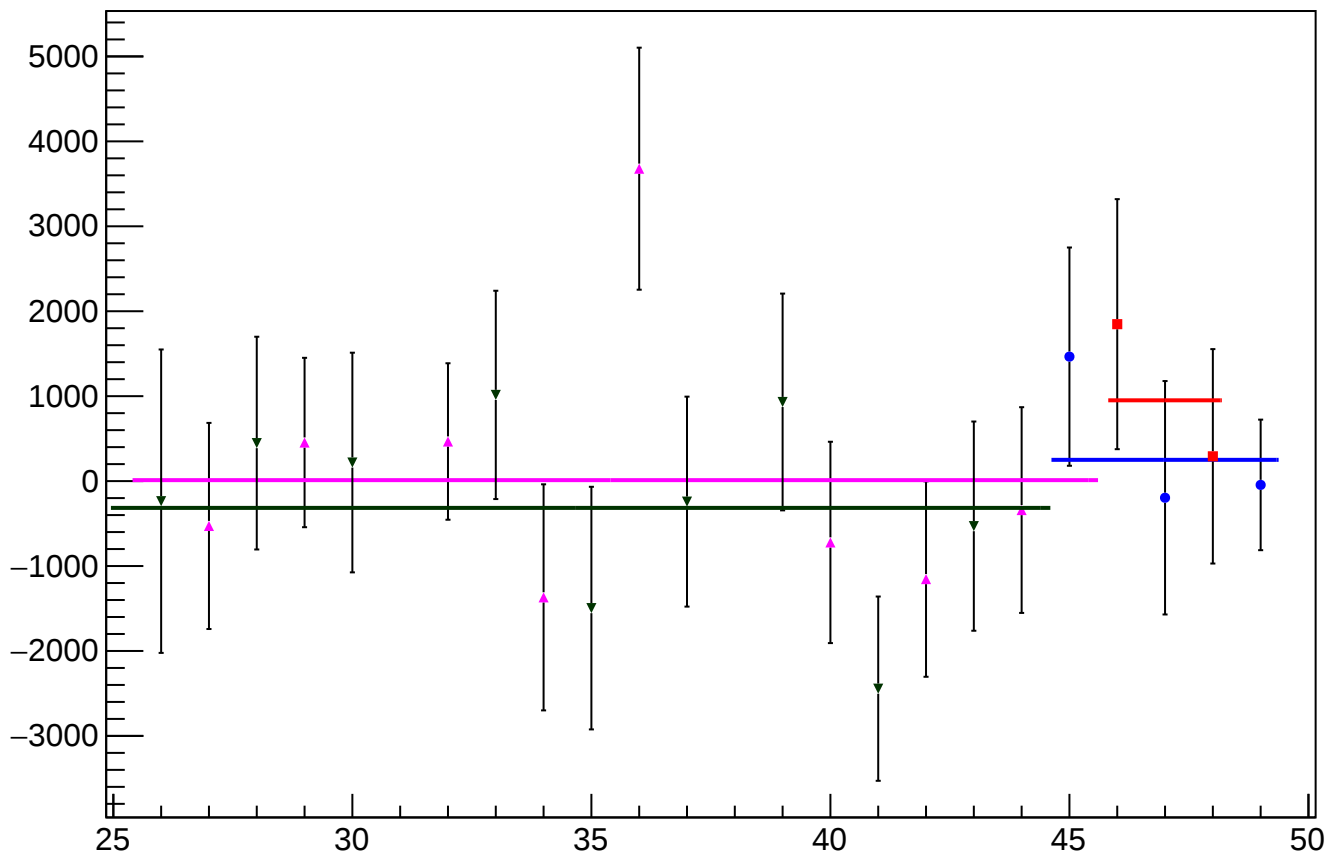
Right Out: 283.107 $\pm$ 0.215 χ^2 /NDF: 337.9/1

Left In: 294.031 $\pm$ 0.093 χ^2 /NDF: 12021.3/7

292.994 $\pm$ 0.080 χ^2 /NDF: 10640.8/11

292.317 $\pm$ 0.085 χ^2 /NDF: 14528.5/9

asym_atr_dd_correction_mean vs slug



Right In: 250.292 $\pm$ 594.619 χ^2/NDF : 1.1/2

Left Out: -315.415 $\pm$ 427.109 χ^2/NDF : 7.2/8

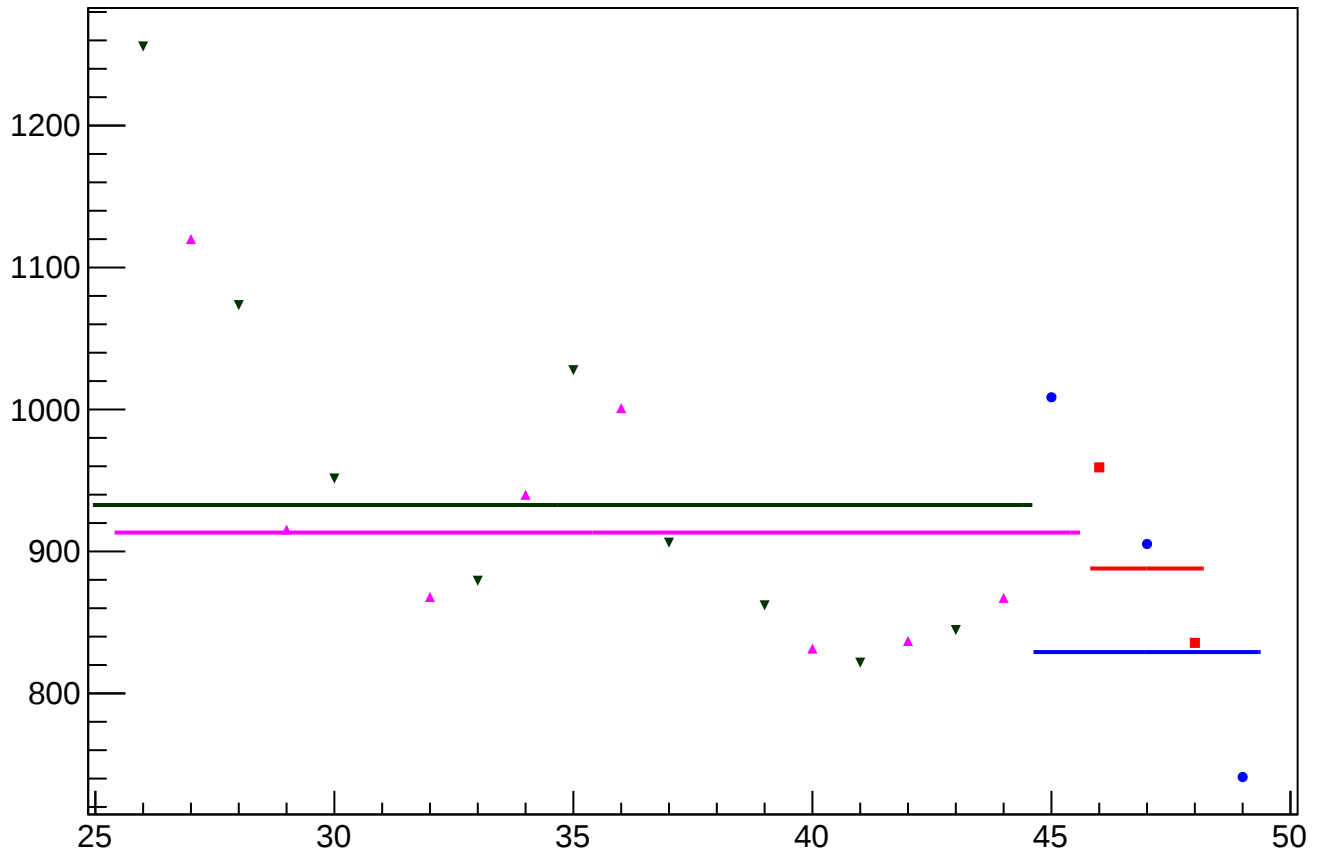
Right Out: 951.144 $\pm$ 958.218 χ^2/NDF : 0.6/1

Left In: 11.284 $\pm$ 405.892 χ^2/NDF : 9.8/7

-122.880 $\pm$ 346.895 χ^2/NDF : 9.0/11

154.267 $\pm$ 373.744 χ^2/NDF : 11.3/9

asym_atr_dd_correction_rms vs slug



Right In: 829.116 ± 0.420 χ^2/NDF : 71402.4/2

Left Out: 932.717 ± 0.302 χ^2/NDF : 141975.4/8

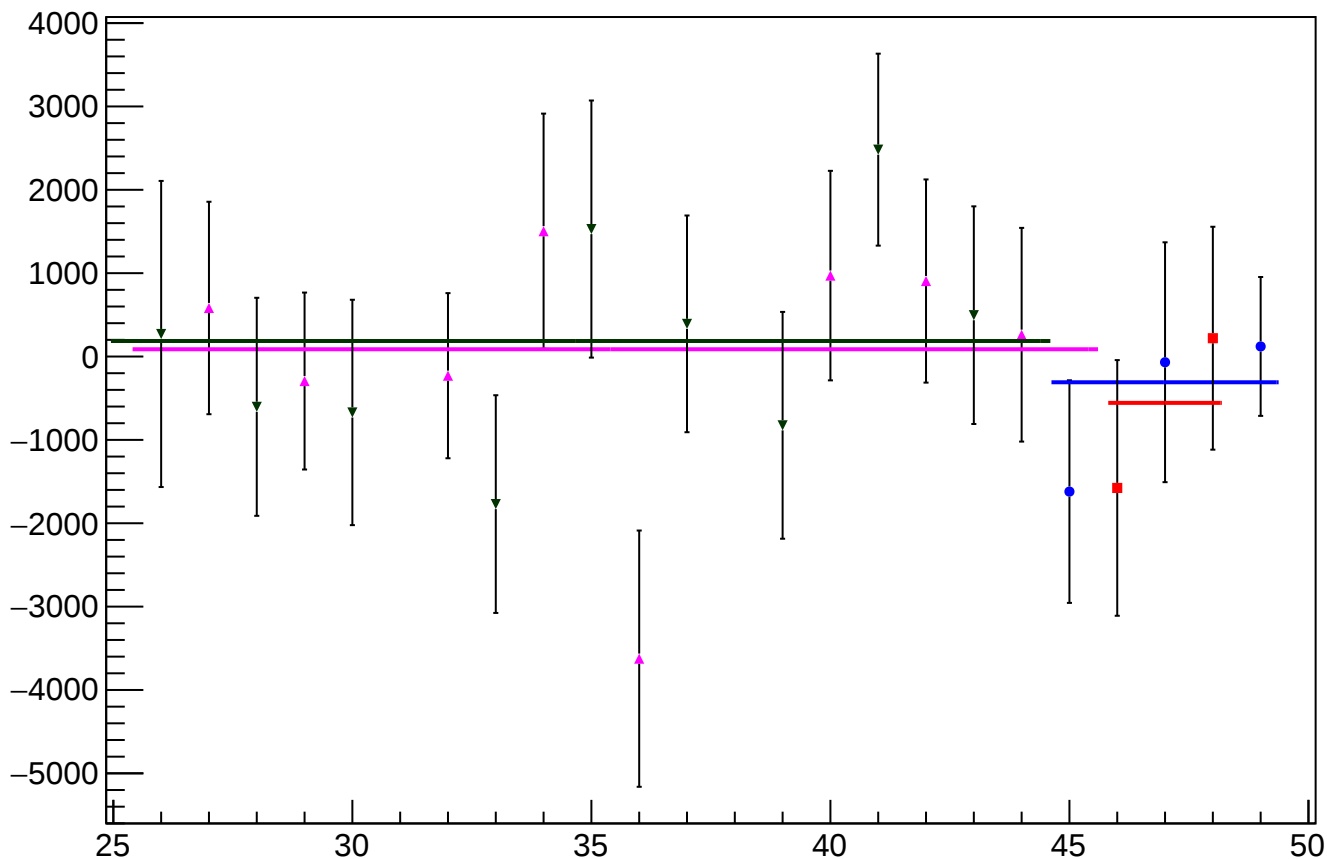
Right Out: 887.999 ± 0.678 χ^2/NDF : 8130.8/1

Left In: 913.320 ± 0.287 χ^2/NDF : 92513.4/7

897.457 ± 0.245 χ^2/NDF : 253427.7/11

909.468 ± 0.264 χ^2/NDF : 101828.4/9

asym_atr_dd_mean vs slug



Right In: -308.824+/-634.313 χ^2/NDF : 1.3/2

Left Out: 186.357+/-451.355 χ^2/NDF : 8.4/8

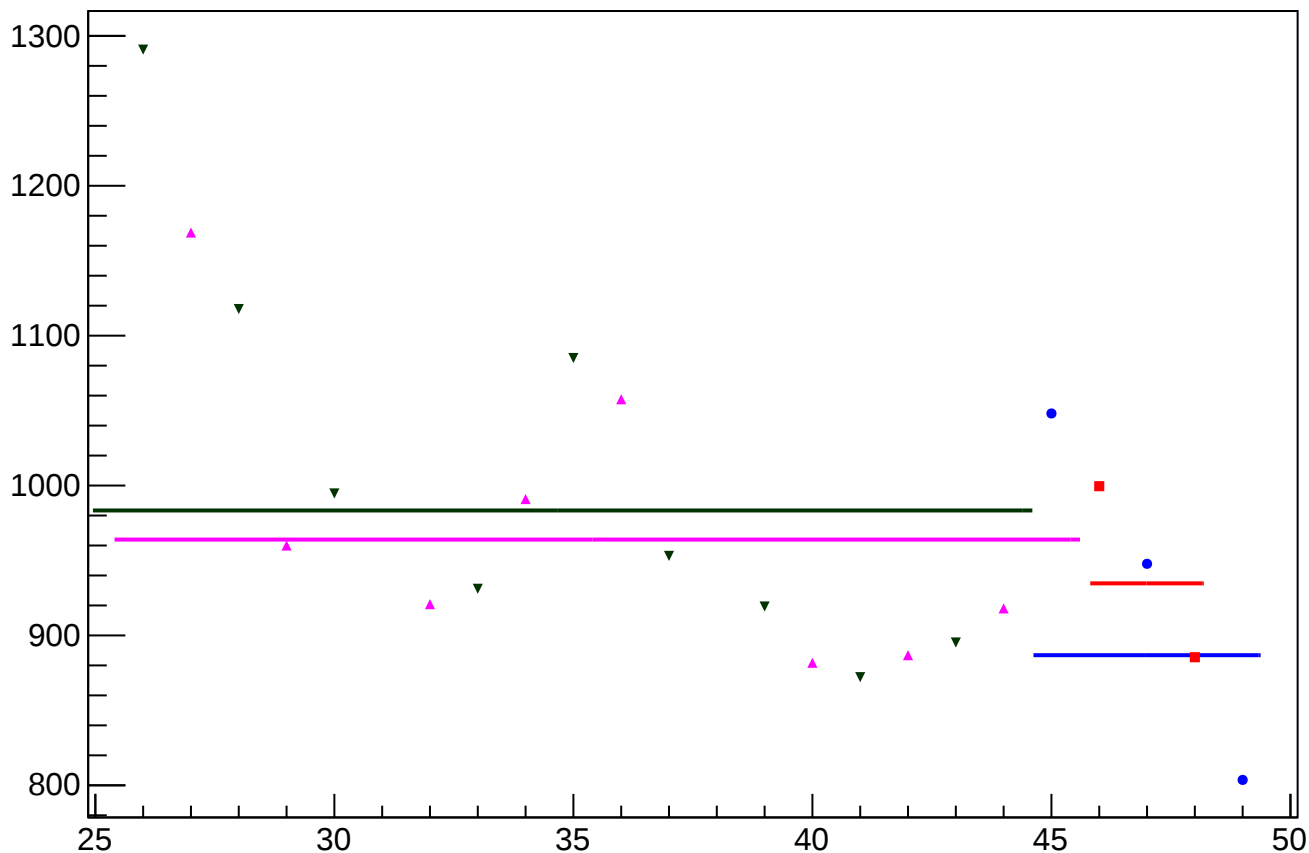
Right Out: -555.912+/-1007.780 χ^2/NDF : 0.8/1

Left In: 87.303+/-431.781 χ^2/NDF : 8.2/7

19.911+/-367.755 χ^2/NDF : 10.0/11

-12.458+/-396.887 χ^2/NDF : 9.3/9

asym_atr_dd_rms vs slug



Right In: 886.816 ± 0.449 χ^2/NDF : 52730.8/2

Left Out: 983.379 ± 0.319 χ^2/NDF : 122542.6/8

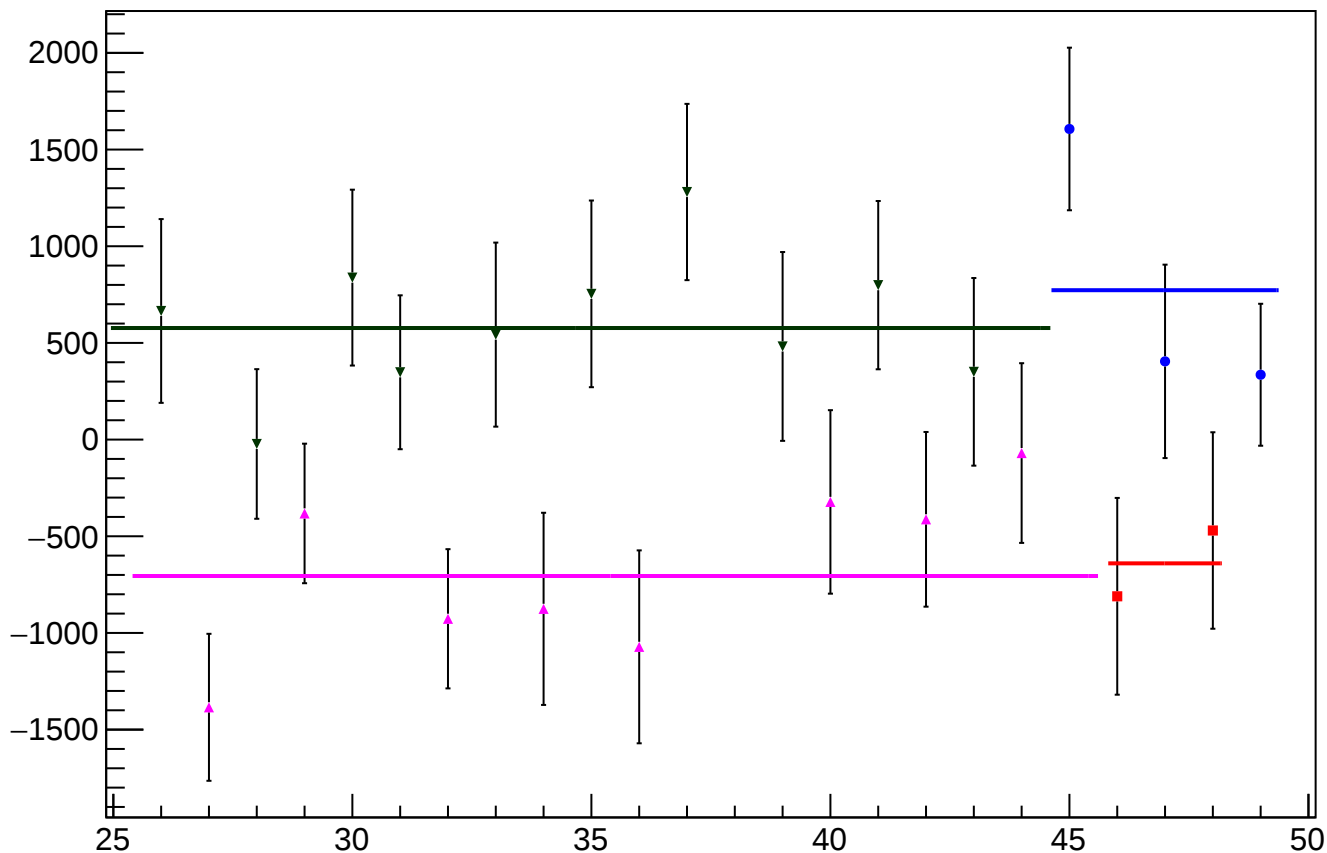
Right Out: 934.746 ± 0.713 χ^2/NDF : 6291.0/1

Left In: 963.960 ± 0.305 χ^2/NDF : 82775.1/7

950.921 ± 0.260 χ^2/NDF : 206043.2/11

959.429 ± 0.281 χ^2/NDF : 90486.2/9

reg_asym_at1_avg_mean vs slug



Right In: 772.627 $\pm$ 242.011 χ^2 /NDF: 5.9/2

Left Out: 577.064 $\pm$ 142.141 χ^2 /NDF: 6.1/9

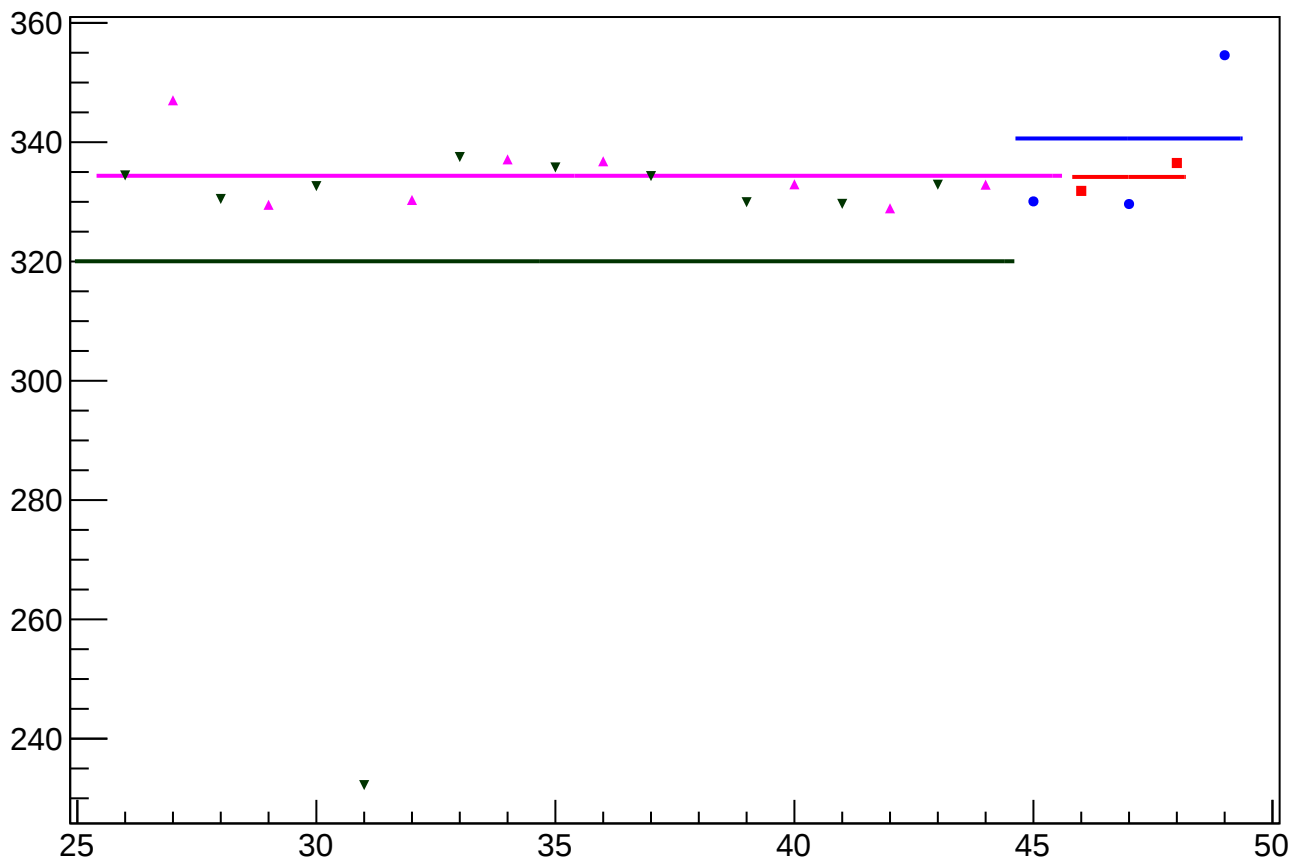
Right Out: -640.115 $\pm$ 359.545 χ^2 /NDF: 0.2/1

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF: 8.0/7

627.223 $\pm$ 122.564 χ^2 /NDF: 12.5/12

-695.826 $\pm$ 138.555 χ^2 /NDF: 8.2/9

reg_asym_at1_avg_rms vs slug



Right In: 340.625 ± 0.171 $\chi^2/\text{NDF}: 5115.7/2$

Left Out: 320.038 ± 0.101 $\chi^2/\text{NDF}: 112209.4/9$

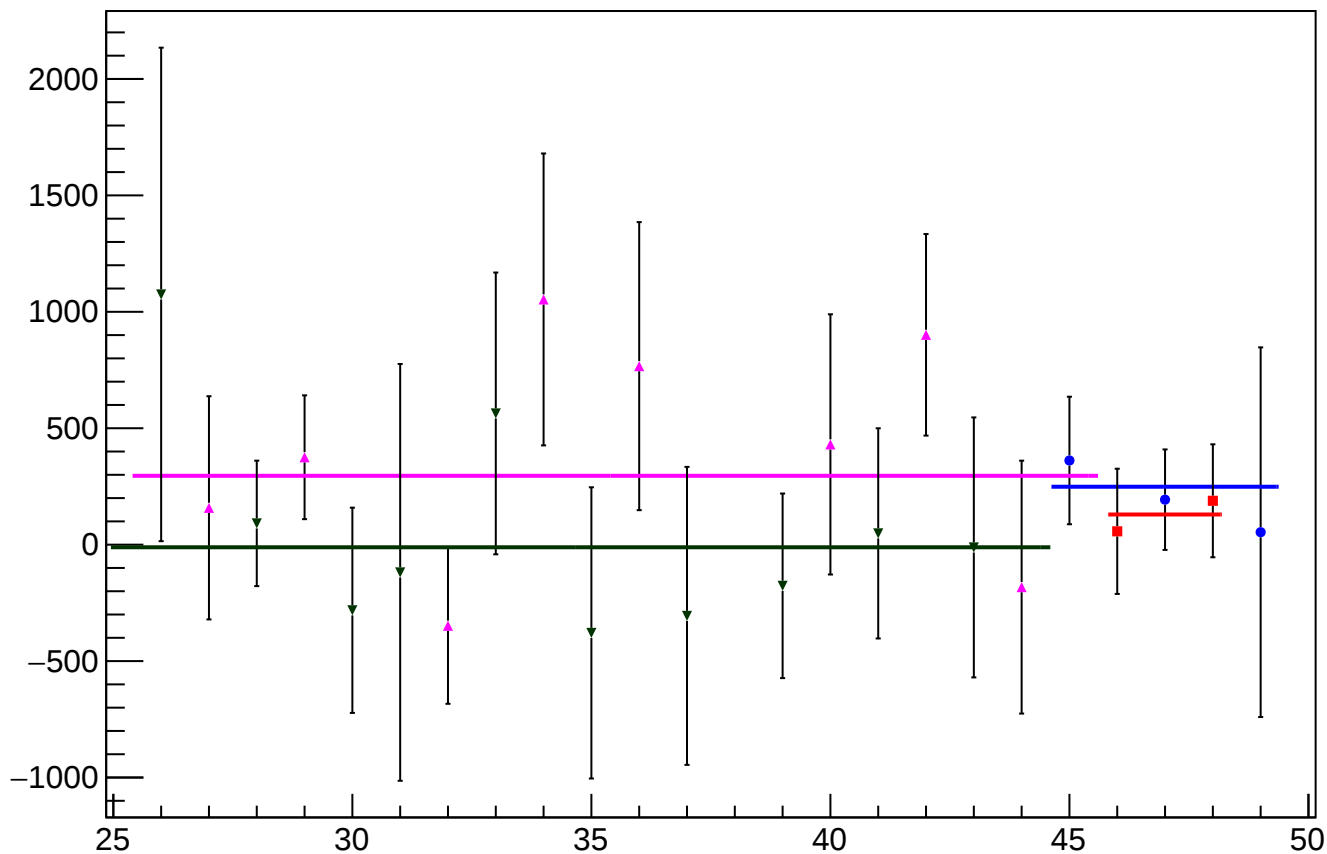
Right Out: 334.177 ± 0.254 $\chi^2/\text{NDF}: 84.6/1$

Left In: 334.371 ± 0.106 $\chi^2/\text{NDF}: 3274.0/7$

325.318 ± 0.087 $\chi^2/\text{NDF}: 128085.3/12$

334.342 ± 0.098 $\chi^2/\text{NDF}: 3359.1/9$

asym_at1_avg_correction_mean vs slug



Right In: 248.813+/-165.723 χ^2/NDF : 0.3/2

Left Out: -11.187+/-151.999 χ^2/NDF : 3.2/9

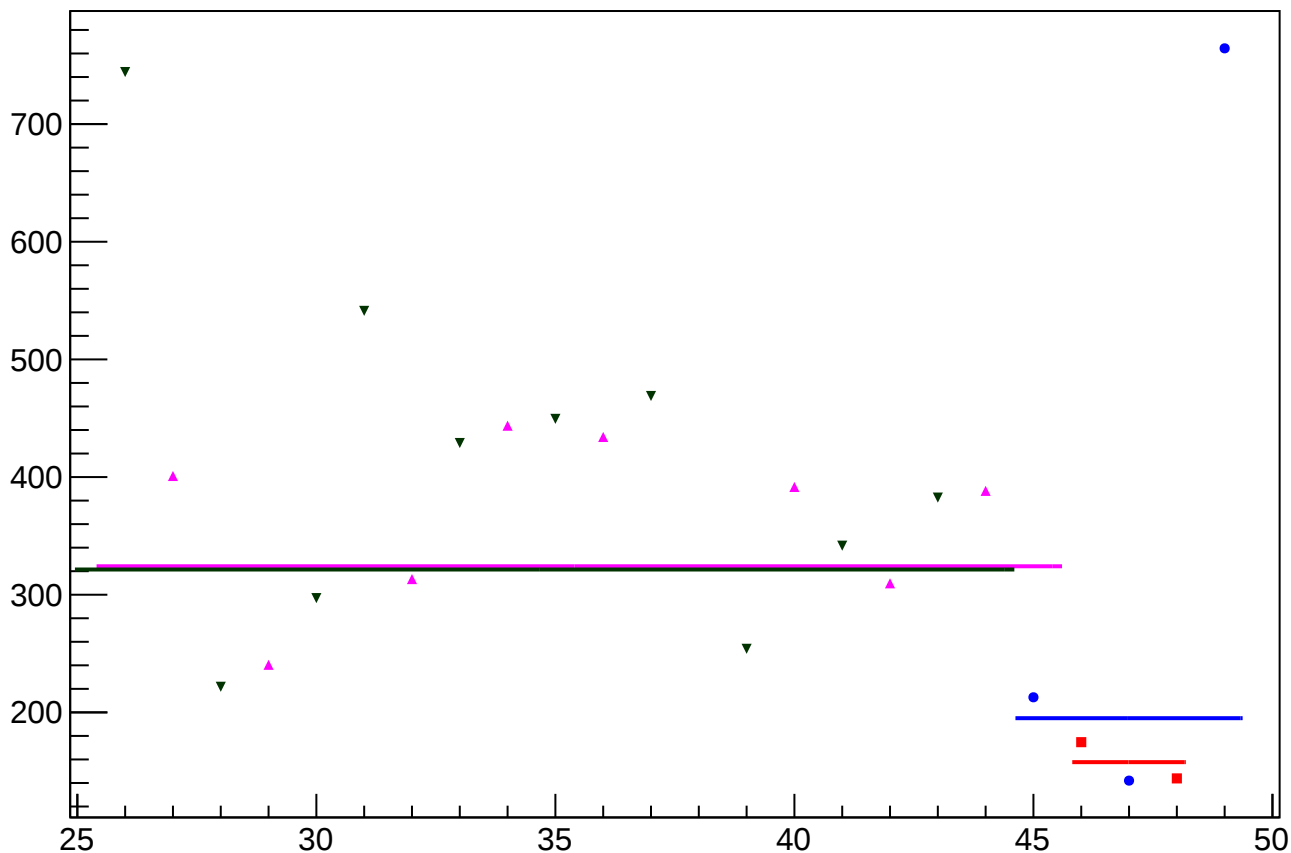
Right Out: 129.573+/-180.086 χ^2/NDF : 0.1/1

Left In: 295.759+/-149.916 χ^2/NDF : 8.7/7

107.604+/-112.018 χ^2/NDF : 4.9/12

227.733+/-115.218 χ^2/NDF : 9.3/9

asym_at1_avg_correction_rms vs slug



Right In: 195.076+/-0.117 χ^2/NDF : 1158144.9/2

Left Out: 321.436+/-0.107 χ^2/NDF : 1057868.5/9

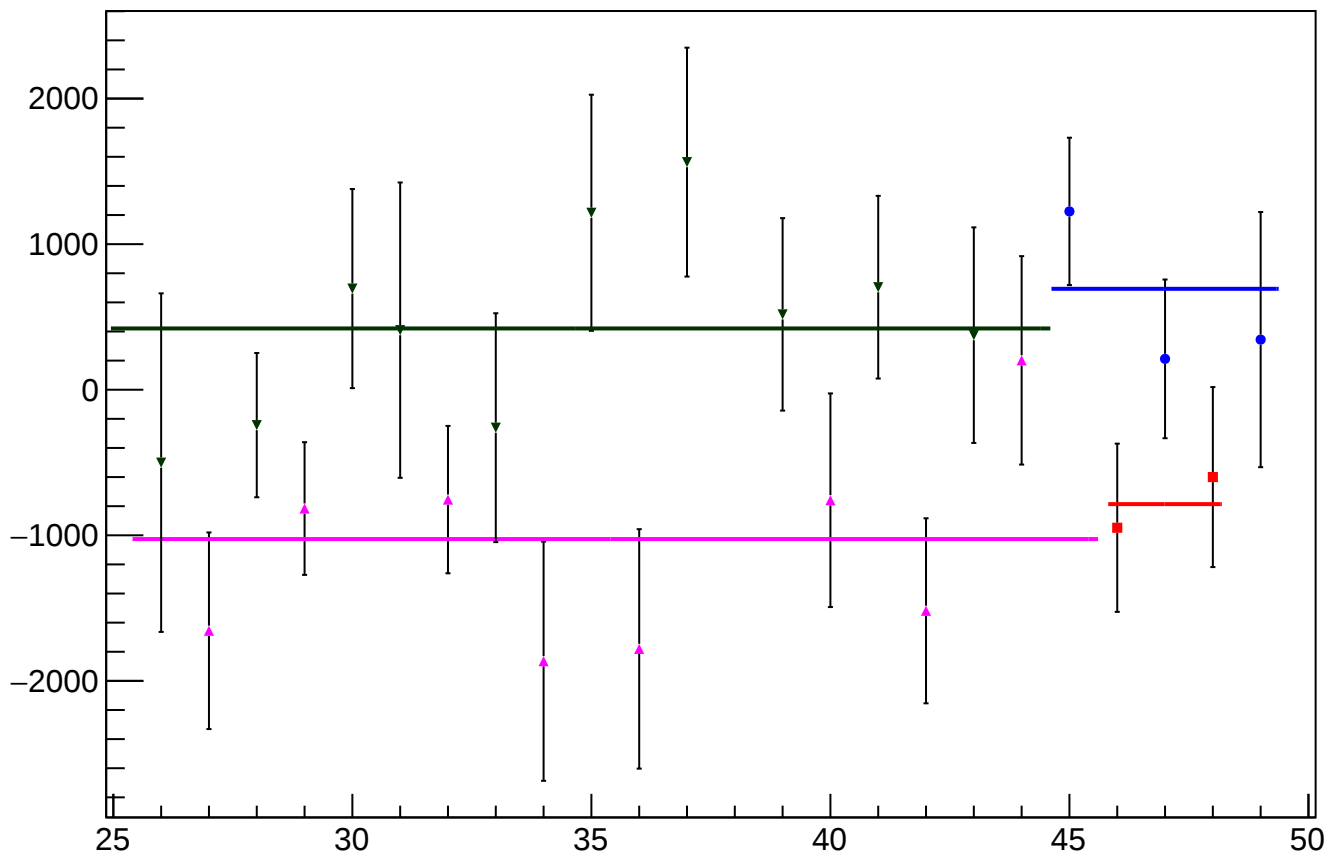
Right Out: 157.711+/-0.127 χ^2/NDF : 14467.1/1

Left In: 324.185+/-0.106 χ^2/NDF : 446845.3/7

263.704+/-0.079 χ^2/NDF : 2847517.7/12

256.041+/-0.081 χ^2/NDF : 1470808.9/9

asym_at1_avg_mean vs slug



Right In: 693.195 $\pm$ 341.602 χ^2/NDF : 2.0/2

Left Out: 420.888 $\pm$ 227.441 χ^2/NDF : 6.6/9

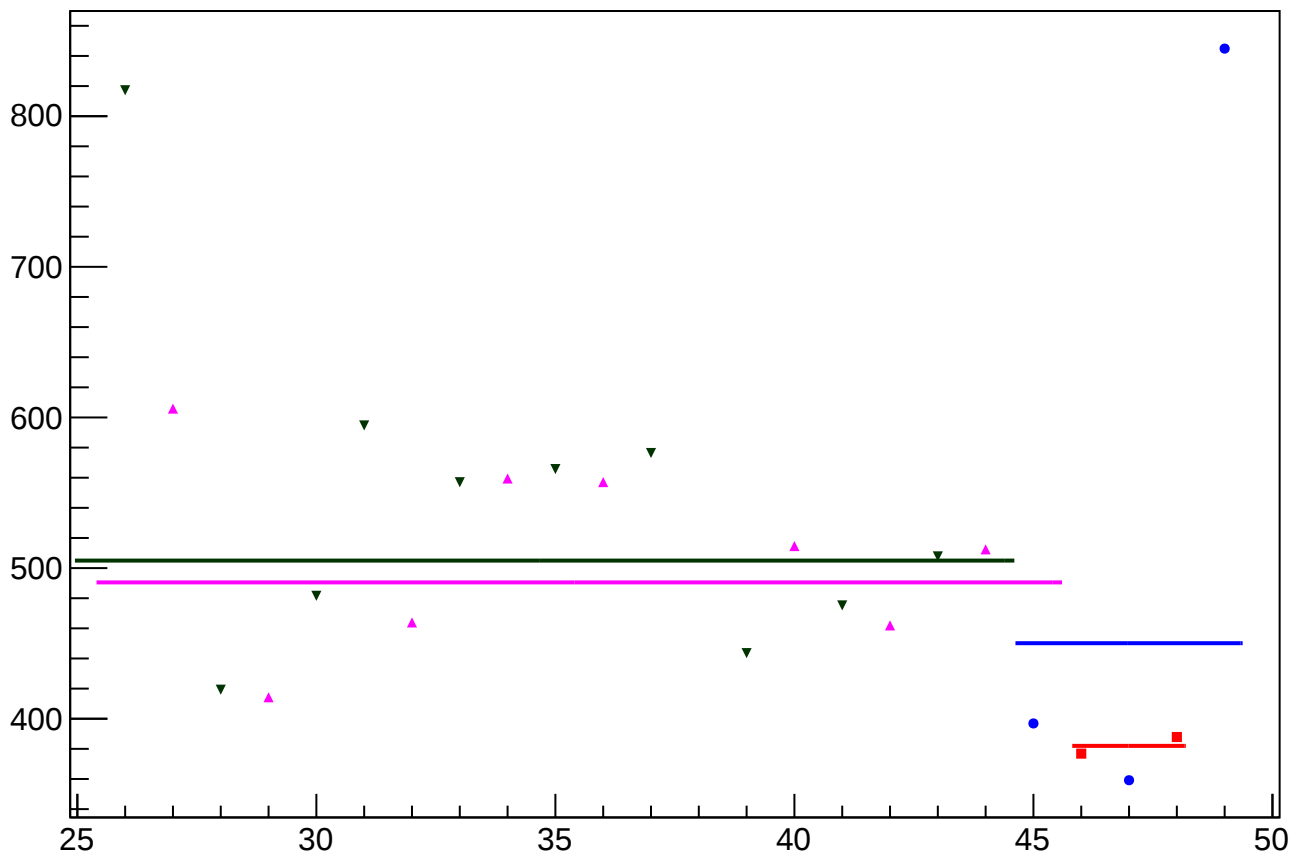
Right Out: -785.871 $\pm$ 422.170 χ^2/NDF : 0.2/1

Left In: -1025.888 $\pm$ 222.743 χ^2/NDF : 6.9/7

504.525 $\pm$ 189.318 χ^2/NDF : 9.1/12

-973.622 $\pm$ 197.004 χ^2/NDF : 7.3/9

asym_at1_avg_rms vs slug



Right In: 450.144 ± 0.242 χ^2/NDF : 483640.1/2

Left Out: 504.992 ± 0.161 χ^2/NDF : 280293.6/9

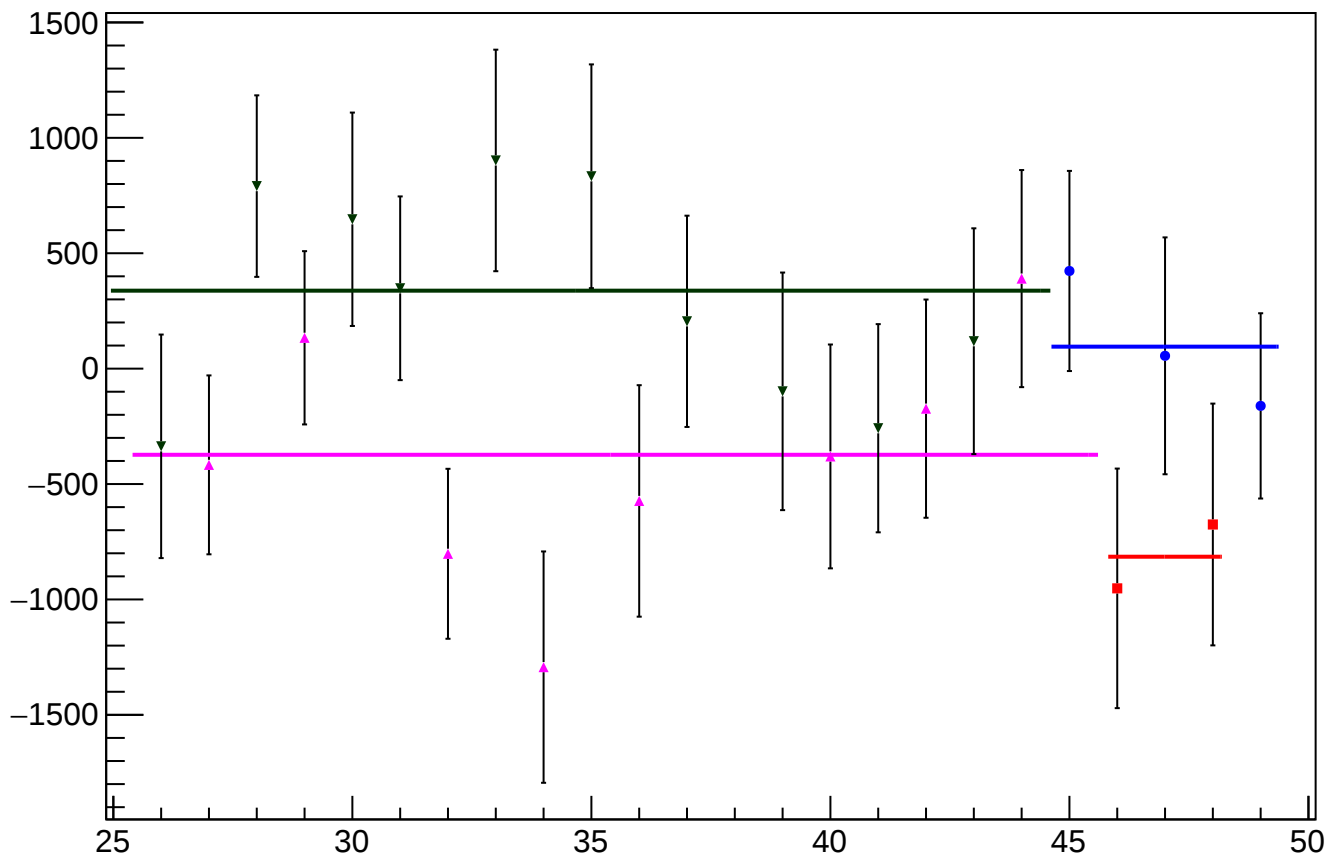
Right Out: 381.979 ± 0.299 χ^2/NDF : 339.1/1

Left In: 490.502 ± 0.158 χ^2/NDF : 155145.4/7

488.146 ± 0.134 χ^2/NDF : 799656.7/12

466.871 ± 0.139 χ^2/NDF : 258865.0/9

reg_asym_at1_dd_mean vs slug



Right In: 95.268+/-255.452 χ^2/NDF : 1.0/2

Left Out: 337.826+/-144.392 χ^2/NDF : 8.9/9

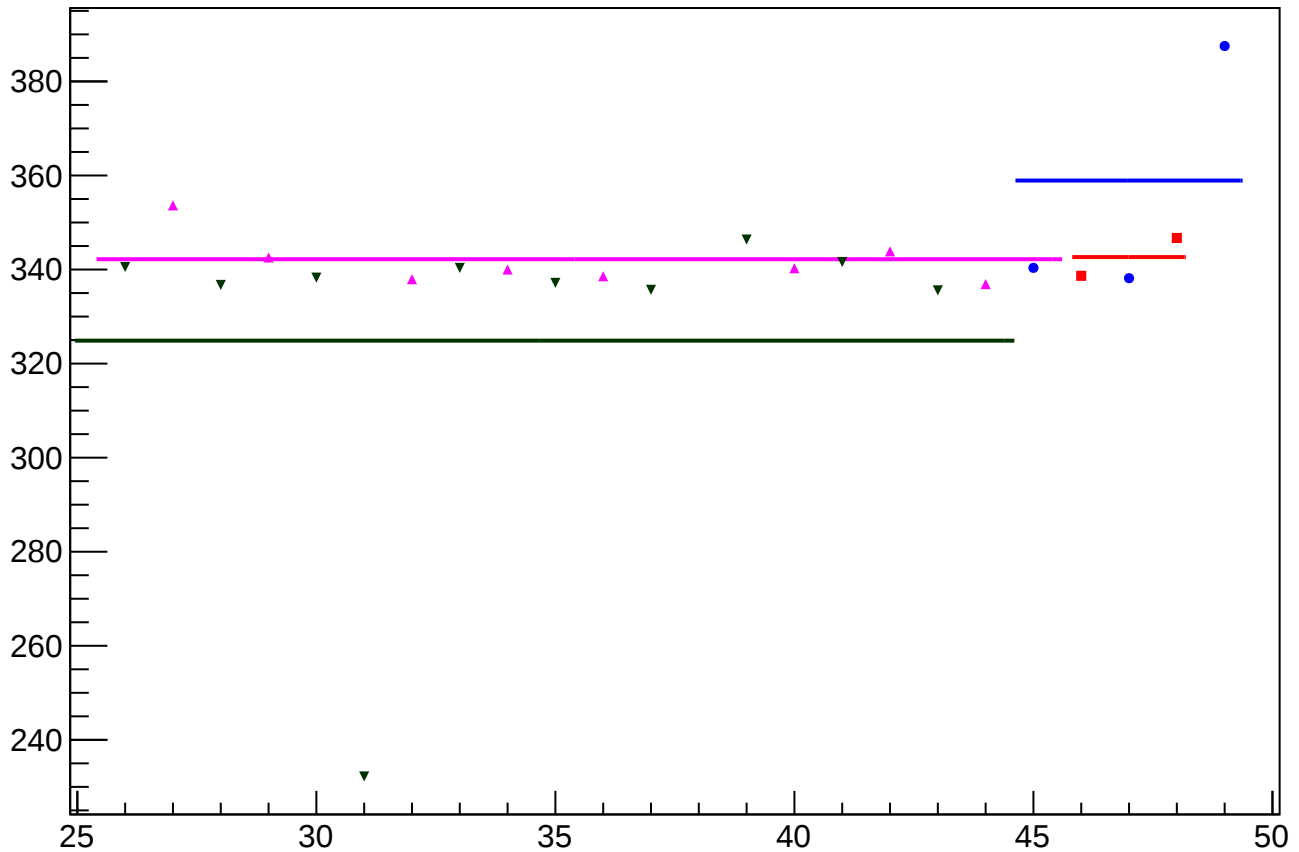
Right Out: -814.865+/-368.660 χ^2/NDF : 0.1/1

Left In: -373.235+/-153.688 χ^2/NDF : 9.5/7

279.095+/-125.701 χ^2/NDF : 10.6/12

-438.622+/-141.855 χ^2/NDF : 10.9/9

reg_asym_at1_dd_rms vs slug



Right In: 358.923 ± 0.181 χ^2/NDF : 17098.8/2

Left Out: 324.881 ± 0.102 χ^2/NDF : 125698.7/9

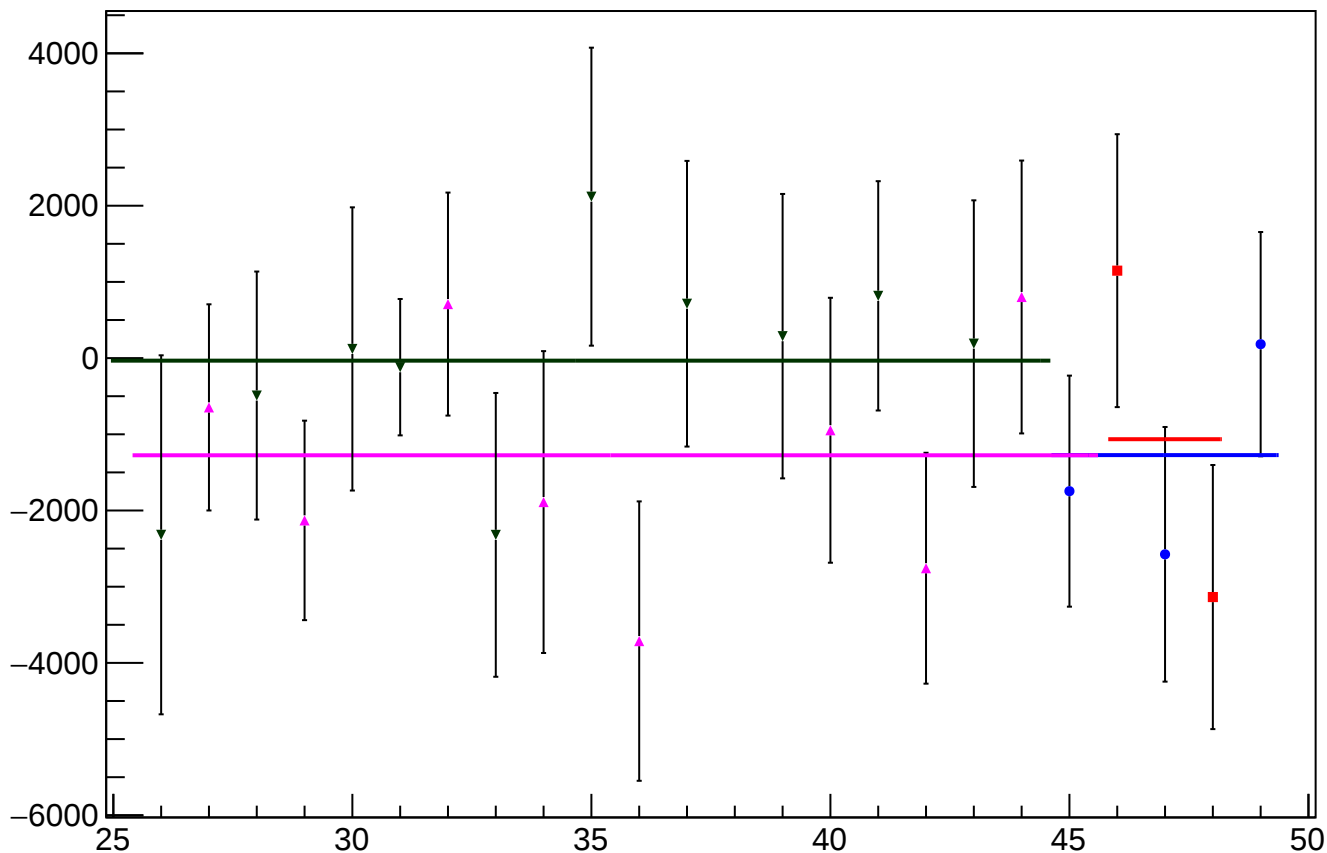
Right Out: 342.651 ± 0.261 χ^2/NDF : 237.9/1

Left In: 342.194 ± 0.109 χ^2/NDF : 2464.7/7

333.124 ± 0.089 χ^2/NDF : 169714.3/12

342.261 ± 0.100 χ^2/NDF : 2705.3/9

asym_at1_dd_correction_mean vs slug



Right In: -1272.967 $\pm$ 892.729 χ^2 /NDF: 1.7/2

Left Out: -33.360 $\pm$ 503.702 χ^2 /NDF:4.3/9

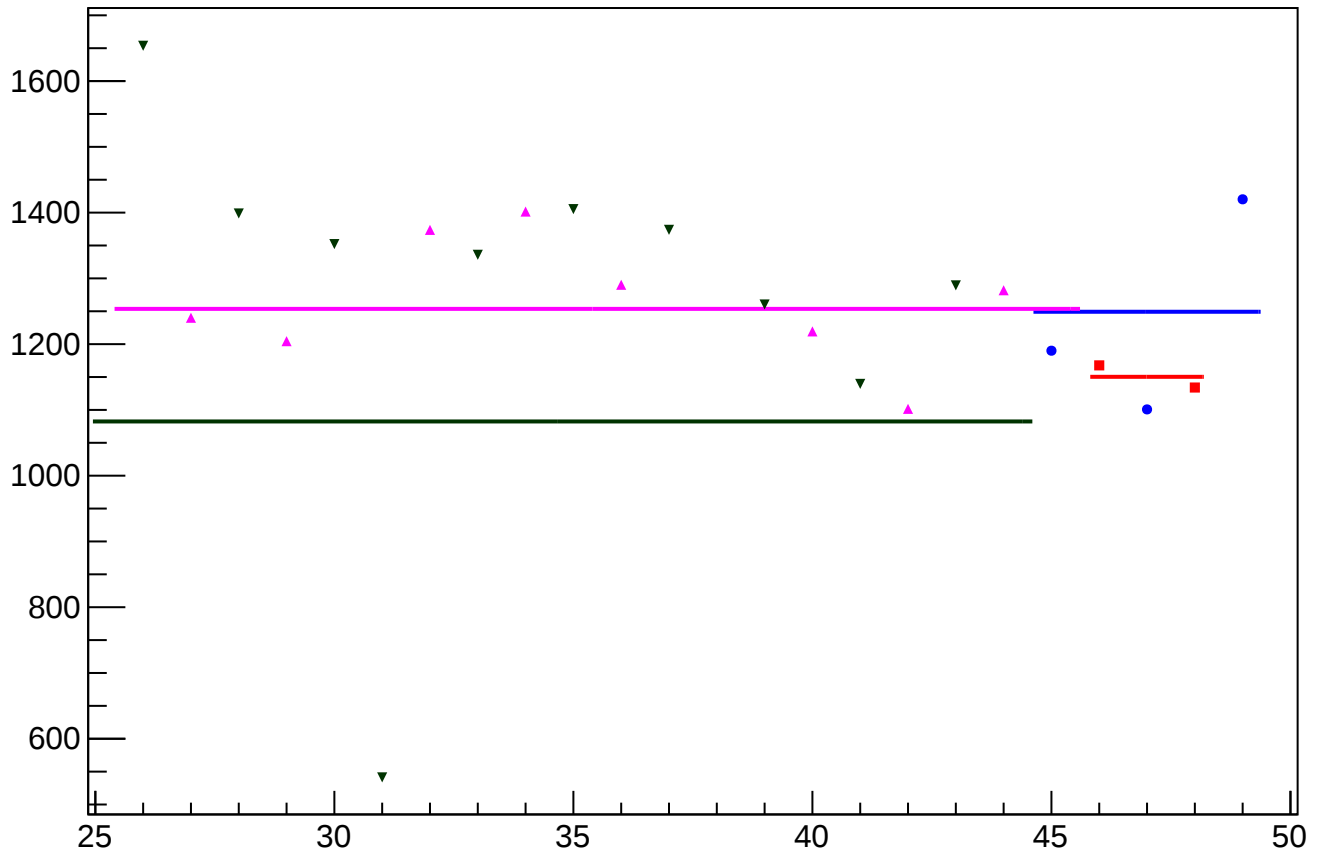
Right Out: -1064.369 $\pm$ 1245.418 χ^2 /NDF: 3.0/1

Left In: -1275.228 $\pm$ 556.624 χ^2 /NDF:6.7/7

-332.697 $\pm$ 438.690 χ^2 /NDF: 7.4/12

-1240.121 $\pm$ 508.178 χ^2 /NDF: 9.7/9

asym_at1_dd_correction_rms vs slug



Right In: 1249.246+/-0.631 χ^2 /NDF: 45834.8/2

Left Out: 1082.447+/-0.356 χ^2 /NDF:1151669.7/9

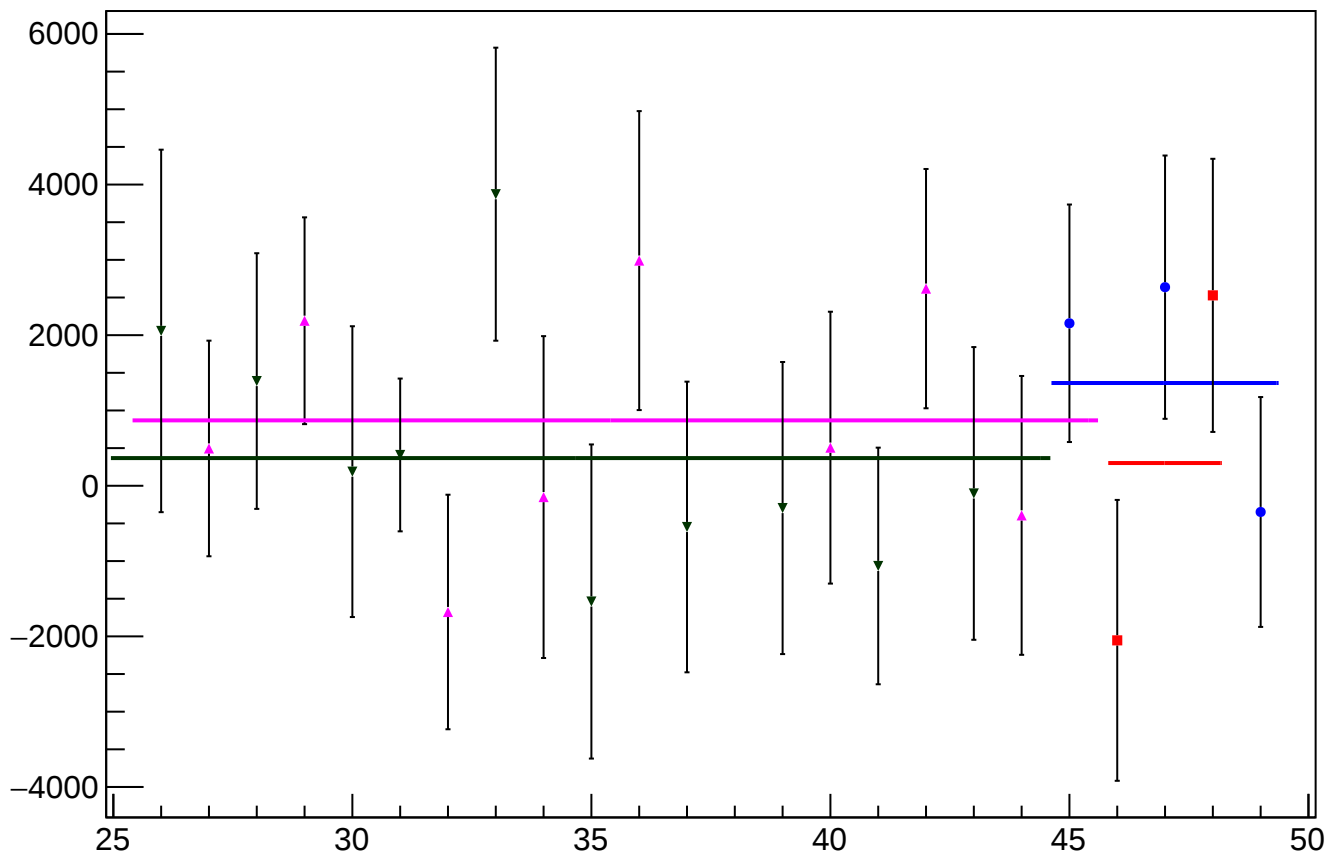
Right Out: 1150.325+/-0.881 χ^2 /NDF: 365.5/1

Left In: 1253.630+/-0.394 χ^2 /NDF:49852.6/7

1122.725+/-0.310 χ^2 /NDF: 1250464.5/12

1236.430+/-0.359 χ^2 /NDF: 61687.8/9

asym_at1_dd_mean vs slug



Right In: 1364.705 ± 929.065 χ^2/NDF : 2.0/2

Left Out: 367.665 ± 537.785 χ^2/NDF : 6.2/9

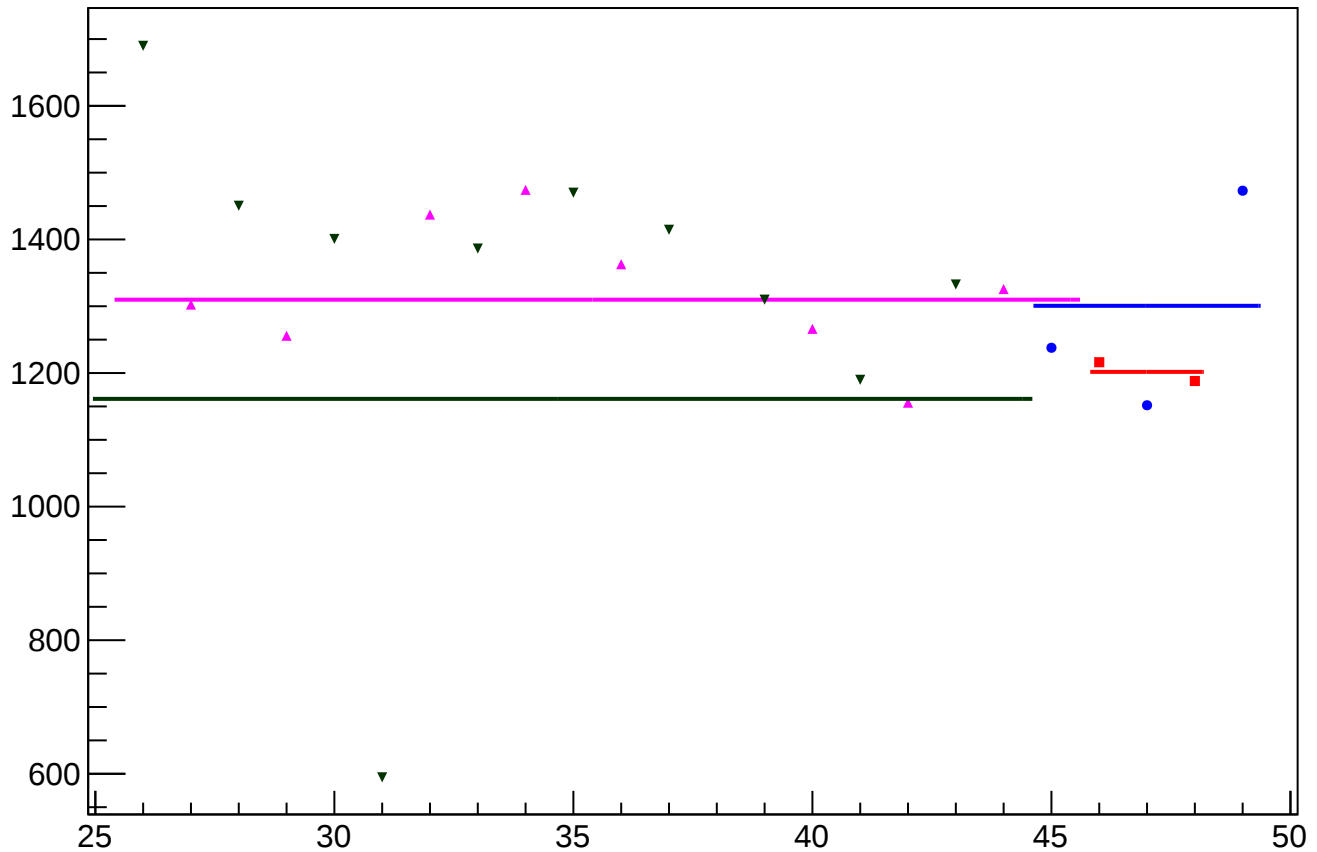
Right Out: 301.916 ± 1300.187 χ^2/NDF : 3.1/1

Left In: 868.425 ± 587.420 χ^2/NDF : 6.8/7

617.893 ± 465.433 χ^2/NDF : 9.1/12

772.391 ± 535.320 χ^2/NDF : 10.0/9

asym_at1_dd_rms vs slug



Right In: 1300.660+/-0.657 χ^2/NDF : 43177.0/2

Left Out: 1161.322+/-0.380 χ^2/NDF : 942121.1/9

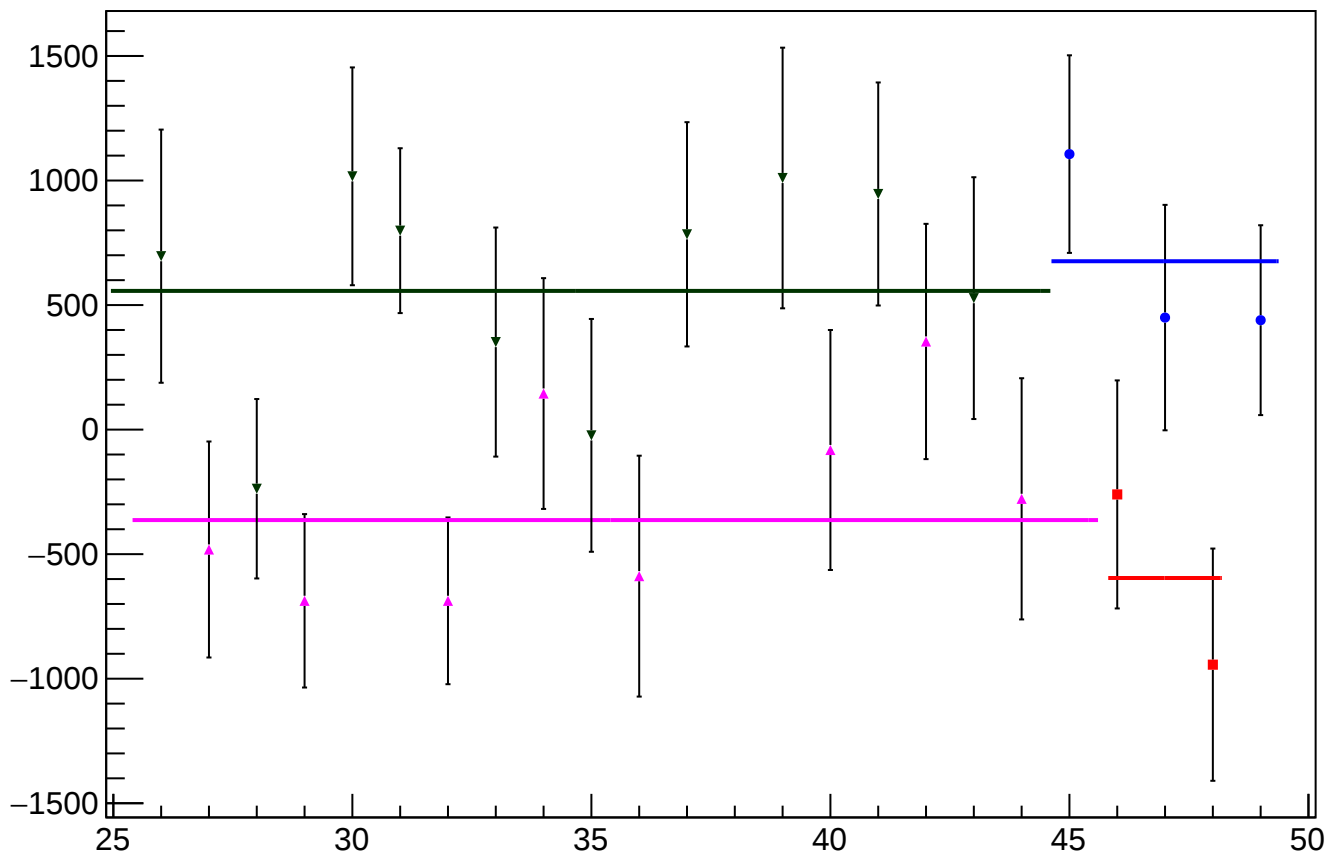
Right Out: 1201.738+/-0.919 χ^2/NDF : 234.1/1

Left In: 1309.822+/-0.415 χ^2/NDF : 49968.8/7

1196.292+/-0.329 χ^2/NDF : 1018993.7/12

1291.500+/-0.379 χ^2/NDF : 61681.0/9

reg_asym_at2_avg_mean vs slug



Right In: 675.969 $\pm$ 234.895 χ^2 /NDF: 1.8/2

Left Out: 556.863 $\pm$ 137.272 χ^2 /NDF:10.1/9

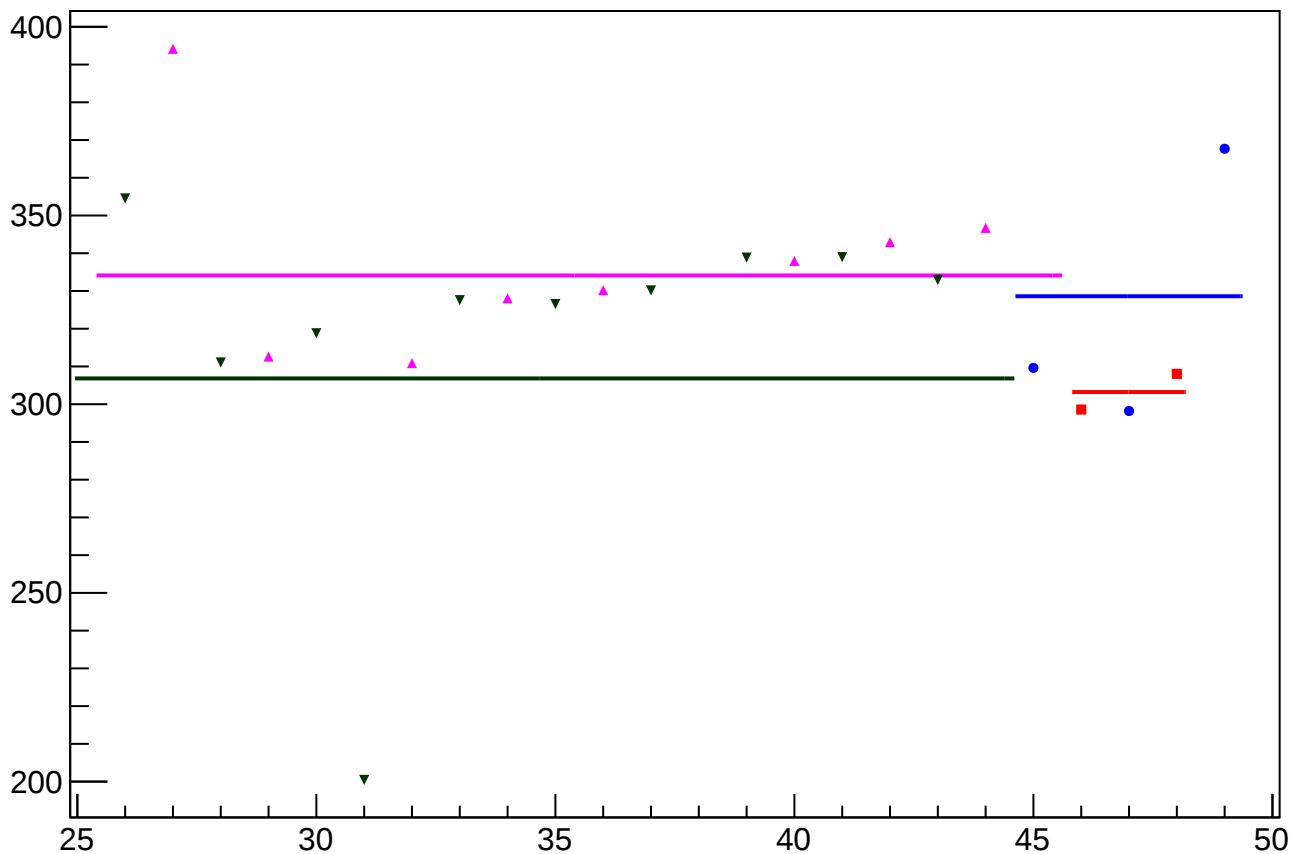
Right Out: -595.765 $\pm$ 326.631 χ^2 /NDF: 1.1/1

Left In: -363.206 $\pm$ 149.925 χ^2 /NDF:6.0/7

587.185 $\pm$ 118.518 χ^2 /NDF: 12.1/12

-403.676 $\pm$ 136.257 χ^2 /NDF: 7.5/9

reg_asym_at2_avg_rms vs slug



Right In: 328.609 ± 0.166 χ^2/NDF : 34642.9/2

Left Out: 306.830 ± 0.097 χ^2/NDF : 262678.8/9

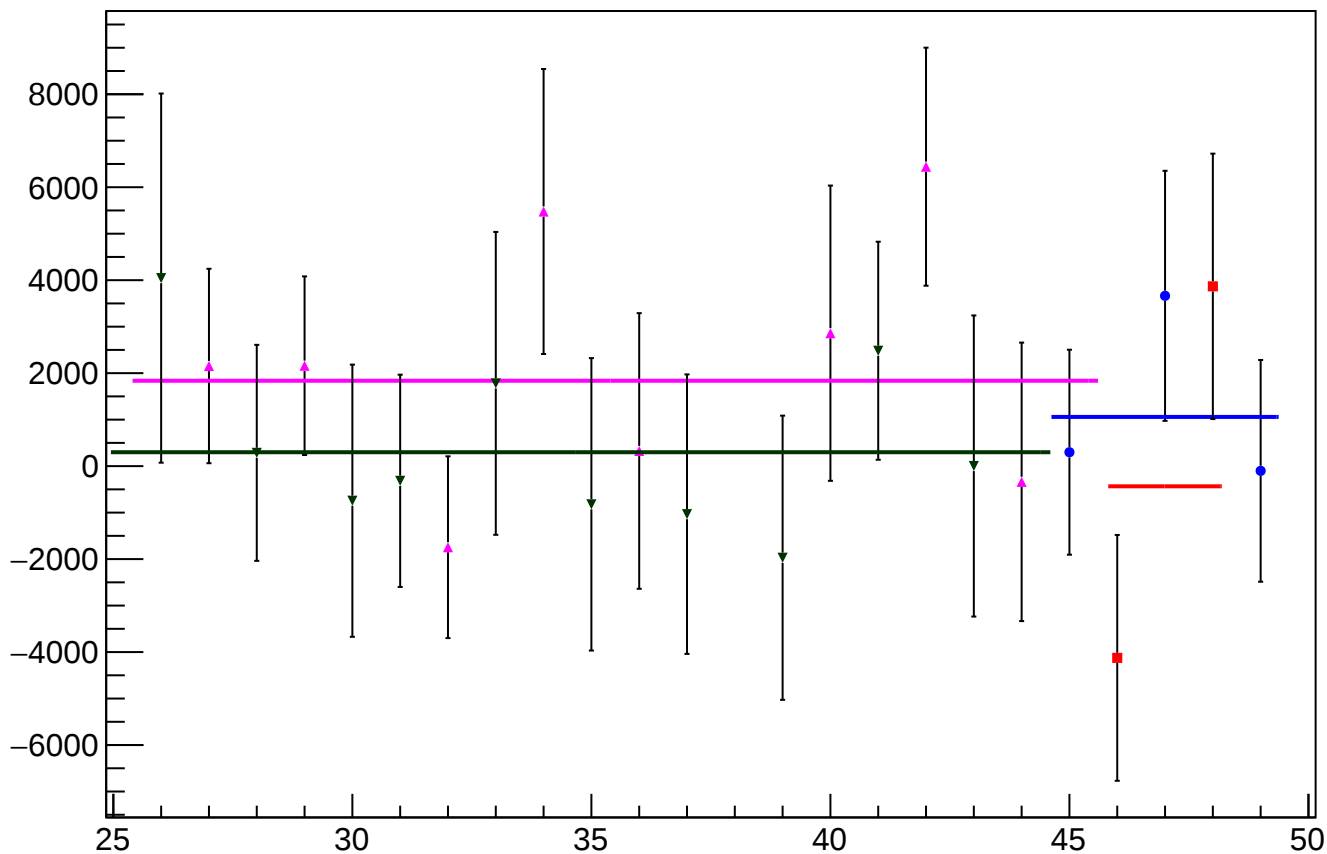
Right Out: 303.225 ± 0.231 χ^2/NDF : 418.6/1

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

312.374 ± 0.084 χ^2/NDF : 310138.0/12

328.744 ± 0.096 χ^2/NDF : 73459.4/9

asym_at2_avg_correction_mean vs slug



Right In: 1058.362+/-1387.106 χ^2/NDF : 1.3/2

Left Out: 298.949+/-895.409 χ^2/NDF : 3.0/9

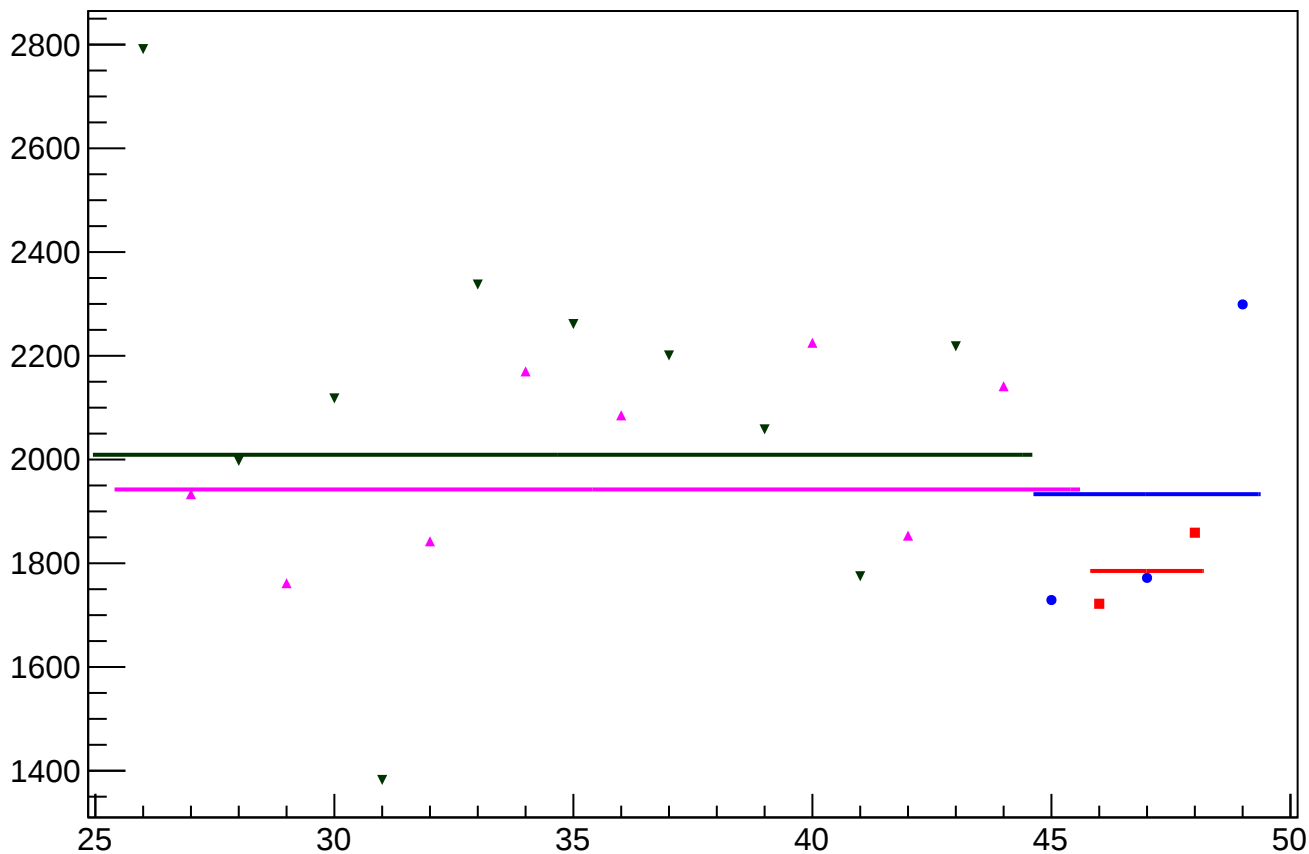
Right Out: -434.109+/-1939.875 χ^2/NDF : 4.2/1

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

522.319+/-752.285 χ^2/NDF : 4.6/12

1461.888+/-788.032 χ^2/NDF : 14.3/9

asym_at2_avg_correction_rms vs slug



Right In: 1933.211+/-0.981 χ^2 /NDF: 71390.4/2

Left Out: 2009.181+/-0.633 χ^2 /NDF:301244.6/9

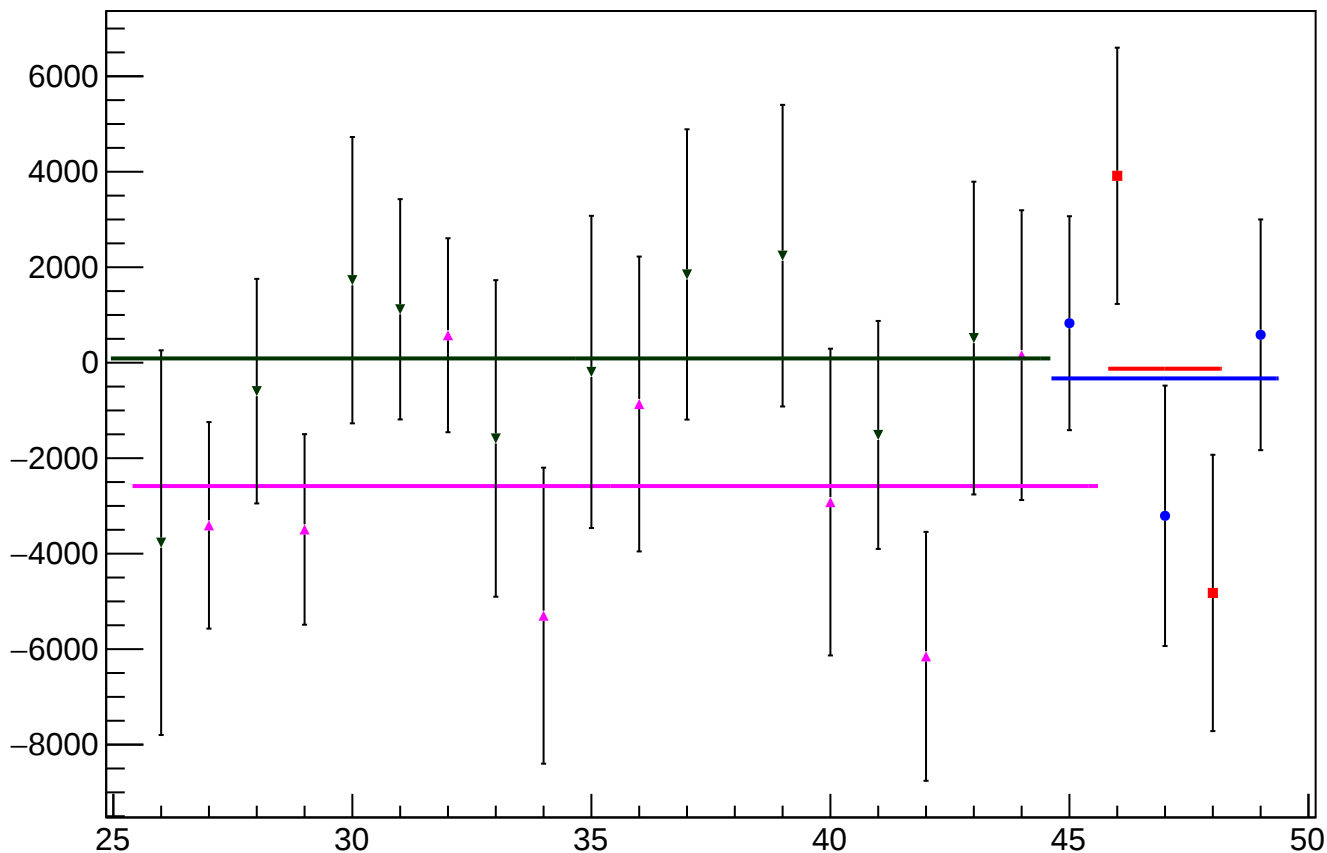
Right Out: 1785.199+/-1.372 χ^2 /NDF: 2478.6/1

Left In: 1942.327+/-0.610 χ^2 /NDF:65743.5/7

1986.836+/-0.532 χ^2 /NDF: 376869.8/12

1916.397+/-0.557 χ^2 /NDF: 79178.4/9

asym_at2_avg_mean vs slug



Right In: -329.069+/-1407.440 χ^2/NDF : 1.5/2

Left Out: 89.516+/-911.791 χ^2/NDF : 3.0/9

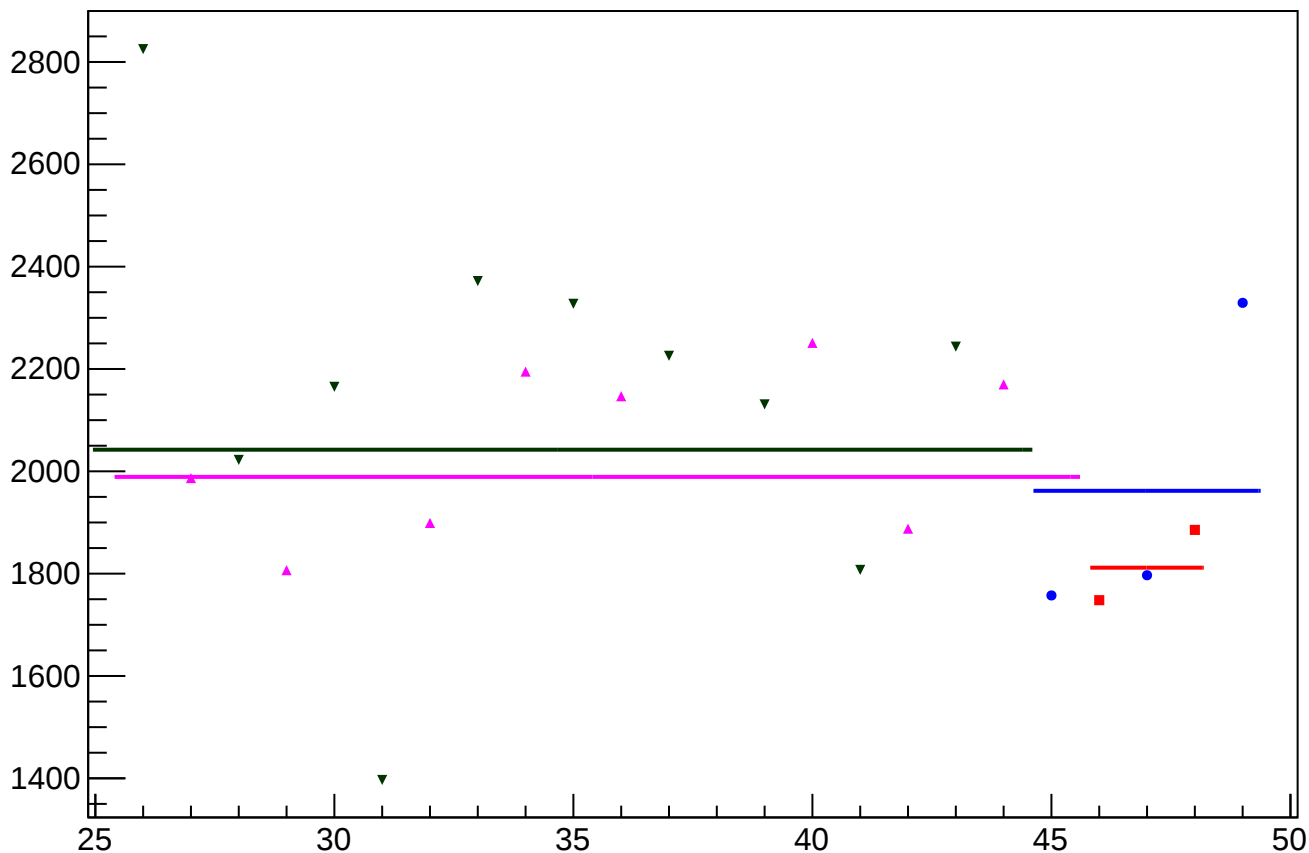
Right Out: -125.522+/-1968.062 χ^2/NDF : 4.9/1

Left In: -2584.001+/-887.895 χ^2/NDF : 6.5/7

-34.227+/-765.241 χ^2/NDF : 4.6/12

-2168.232+/-809.342 χ^2/NDF : 12.7/9

asym_at2_avg_rms vs slug



Right In: 1961.908 ± 0.995 χ^2/NDF : 70205.1/2

Left Out: 2042.242 ± 0.645 χ^2/NDF : 306288.1/9

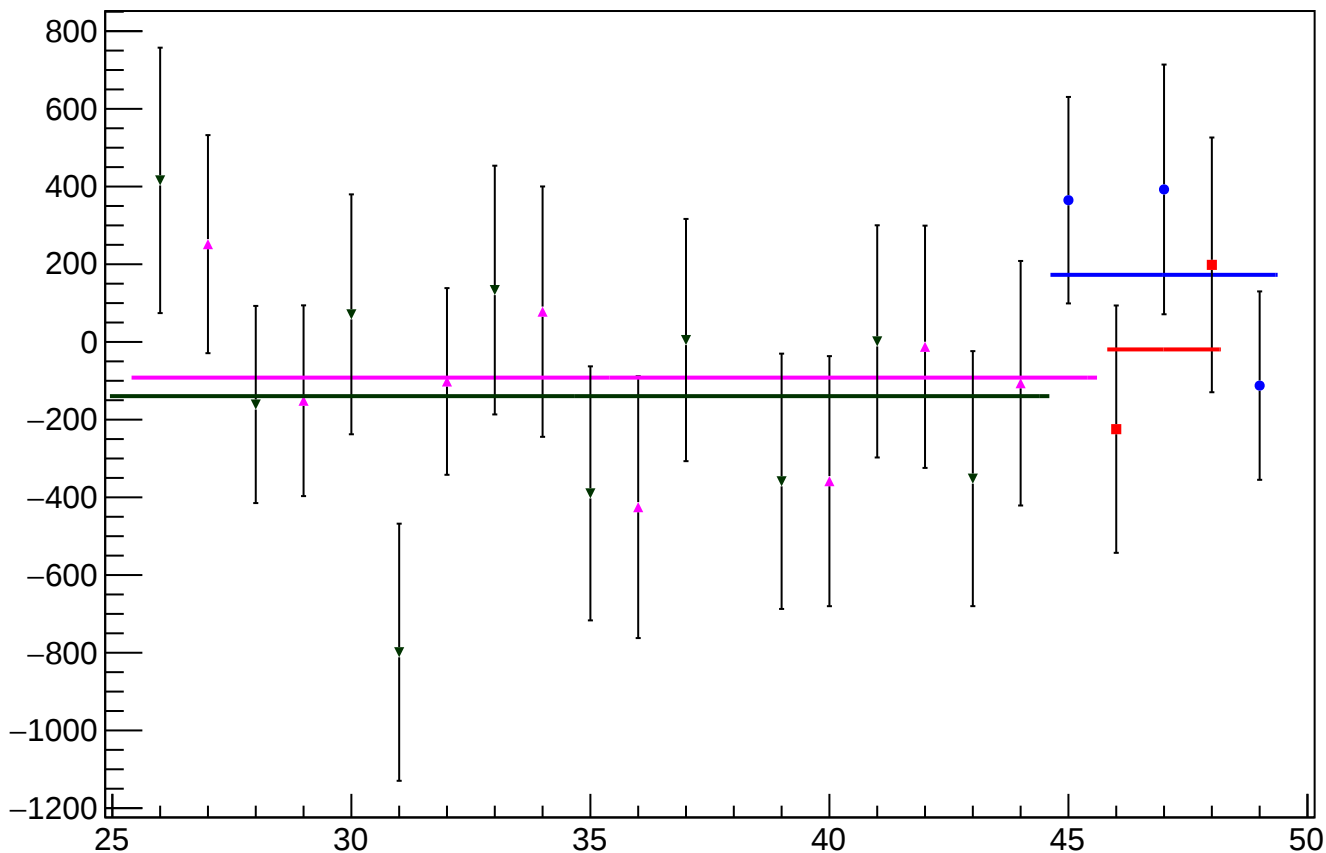
Right Out: 1811.670 ± 1.392 χ^2/NDF : 2421.6/1

Left In: 1989.107 ± 0.628 χ^2/NDF : 58031.4/7

2018.493 ± 0.541 χ^2/NDF : 381082.8/12

1959.099 ± 0.572 χ^2/NDF : 73960.6/9

reg_asym_at2_dd_mean vs slug



Right In: 172.757 $\pm$ 156.466 χ^2 /NDF: 2.4/2

Left Out: -139.503 $\pm$ 98.600 χ^2 /NDF: 9.7/9

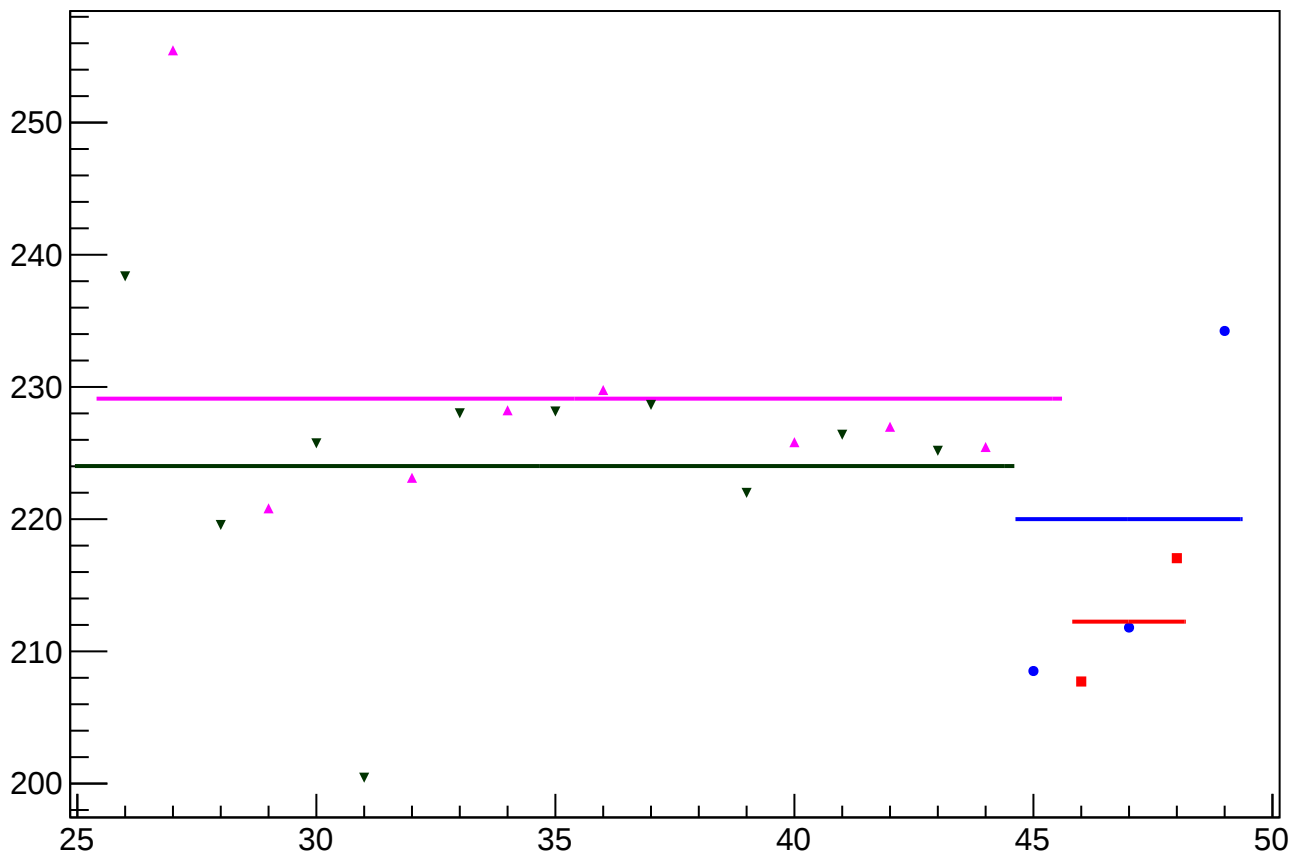
Right Out: -19.265 $\pm$ 228.384 χ^2 /NDF: 0.9/1

Left In: -91.824 $\pm$ 102.556 χ^2 /NDF: 3.6/7

-50.747 $\pm$ 83.418 χ^2 /NDF: 14.9/12

-79.648 $\pm$ 93.556 χ^2 /NDF: 4.5/9

reg_asym_at2_dd_rms vs slug



Right In: 220.003 ± 0.111 χ^2/NDF : 11931.7/2

Left Out: 224.018 ± 0.070 χ^2/NDF : 15653.5/9

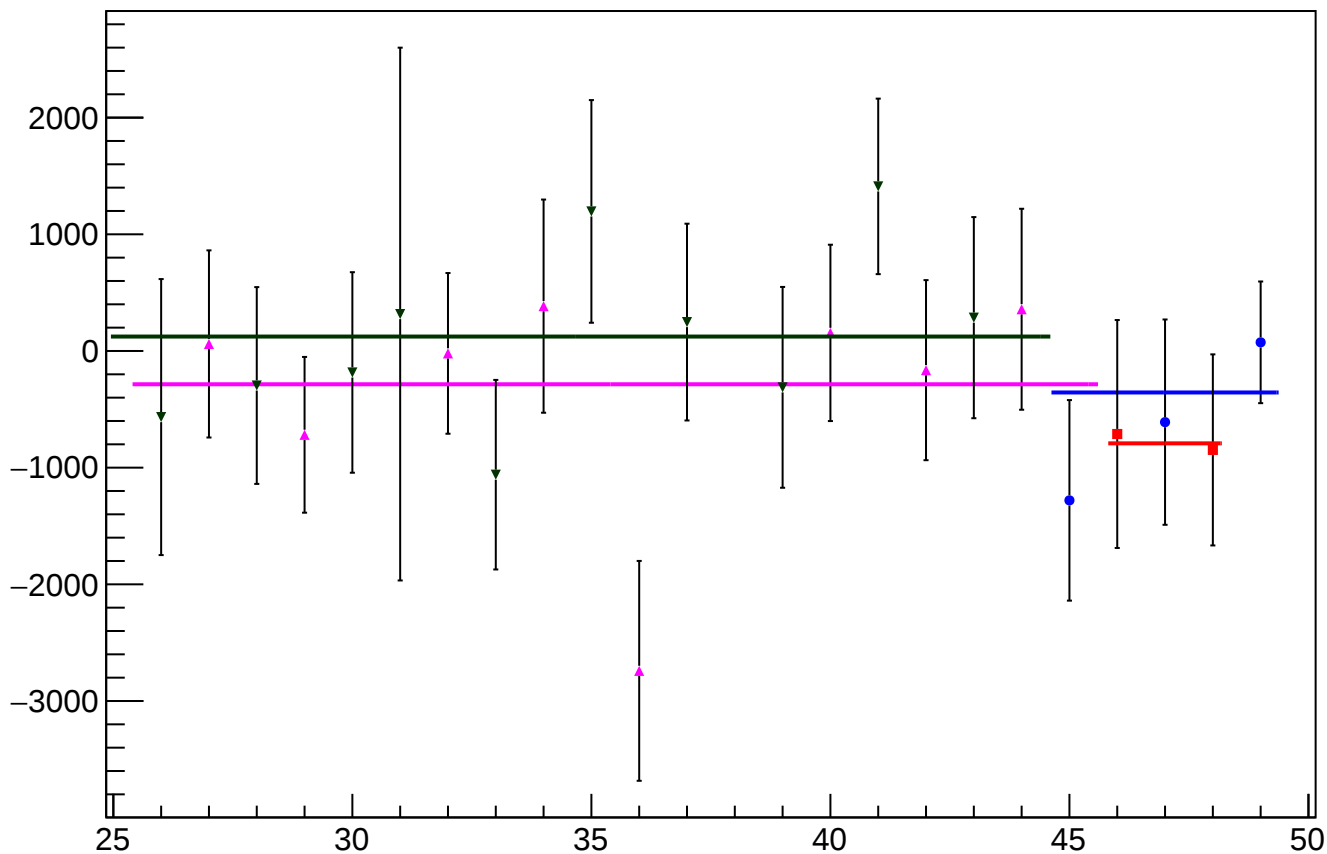
Right Out: 212.248 ± 0.161 χ^2/NDF : 833.5/1

Left In: 229.116 ± 0.073 χ^2/NDF : 21746.8/7

222.876 ± 0.059 χ^2/NDF : 28527.8/12

226.285 ± 0.066 χ^2/NDF : 31659.6/9

asym_at2_dd_correction_mean vs slug



Right In: -355.570+/-397.658 χ^2/NDF : 1.9/2

Left Out: 123.706+/-286.884 χ^2/NDF : 7.4/9

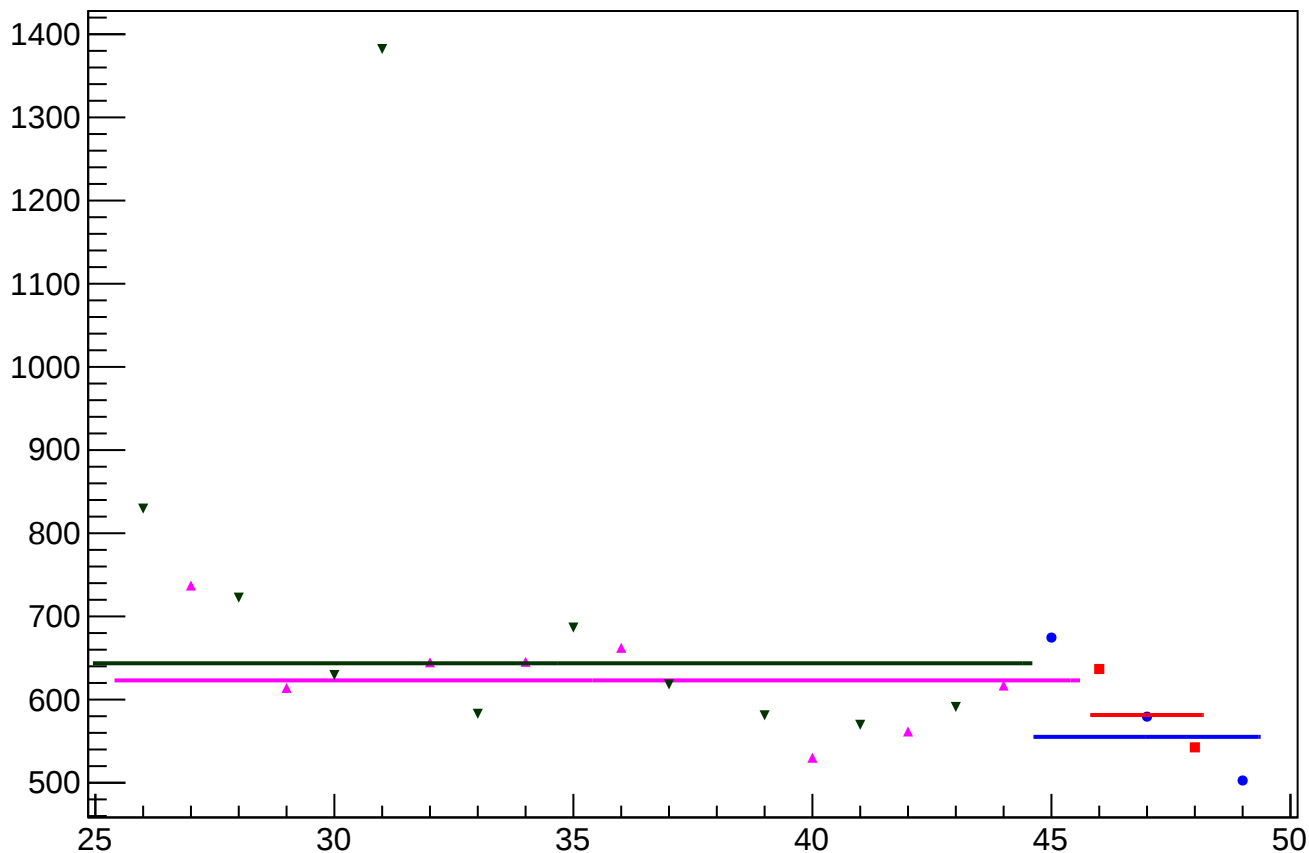
Right Out: -791.617+/-627.536 χ^2/NDF : 0.0/1

Left In: -285.318+/-277.235 χ^2/NDF : 9.0/7

-40.353+/-232.658 χ^2/NDF : 10.2/12

-367.997+/-253.590 χ^2/NDF : 9.6/9

asym_at2_dd_correction_rms vs slug



Right In: 555.202 ± 0.281 χ^2/NDF : 60359.7/2

Left Out: 643.644 ± 0.203 χ^2/NDF : 331127.9/9

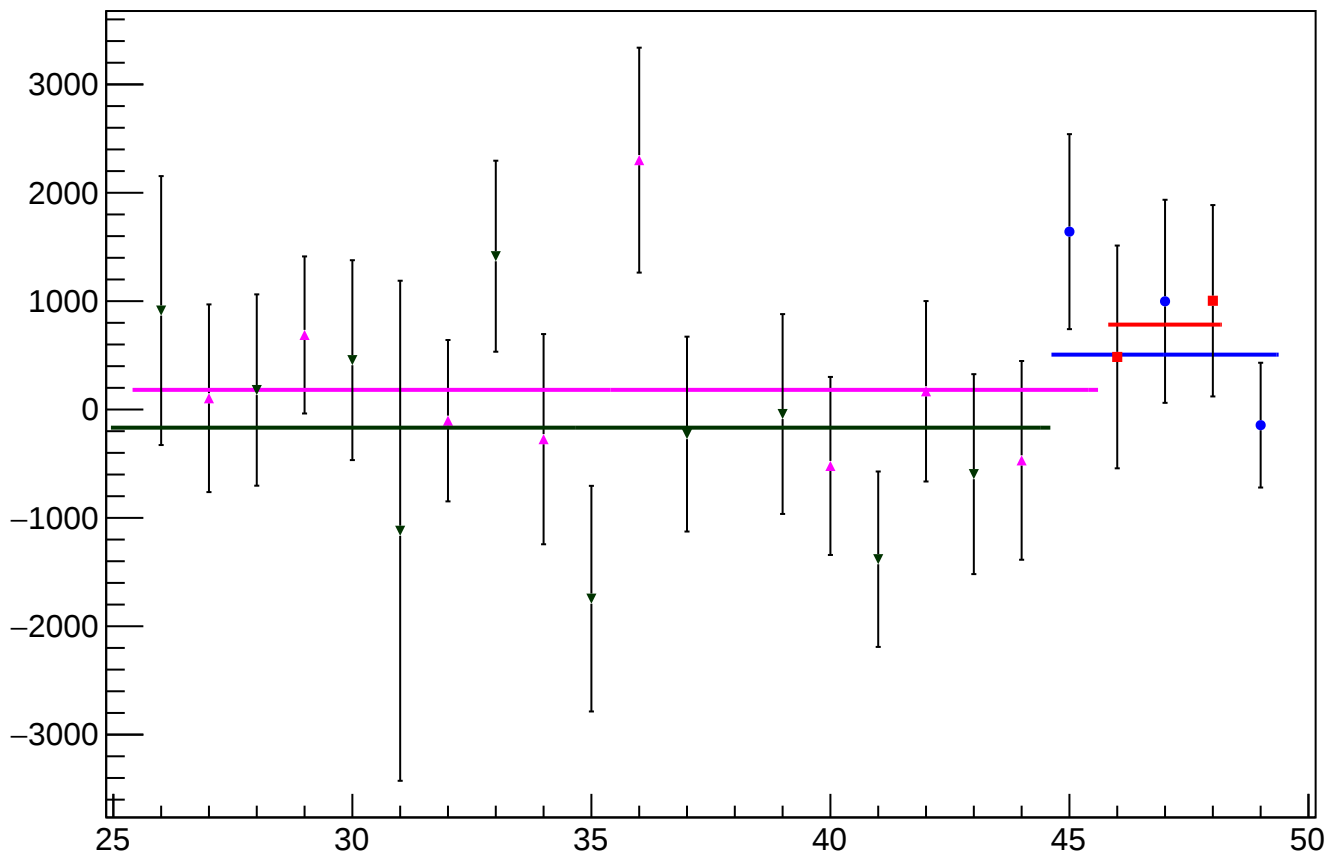
Right Out: 581.461 ± 0.444 χ^2/NDF : 10922.6/1

Left In: 623.079 ± 0.196 χ^2/NDF : 90546.5/7

613.369 ± 0.165 χ^2/NDF : 456553.1/12

616.282 ± 0.179 χ^2/NDF : 108829.2/9

asym_at2_dd_mean vs slug



Right In: 506.391 $\pm$ 430.670 χ^2 /NDF: 3.1/2

Left Out: -167.454 $\pm$ 306.843 χ^2 /NDF:9.5/9

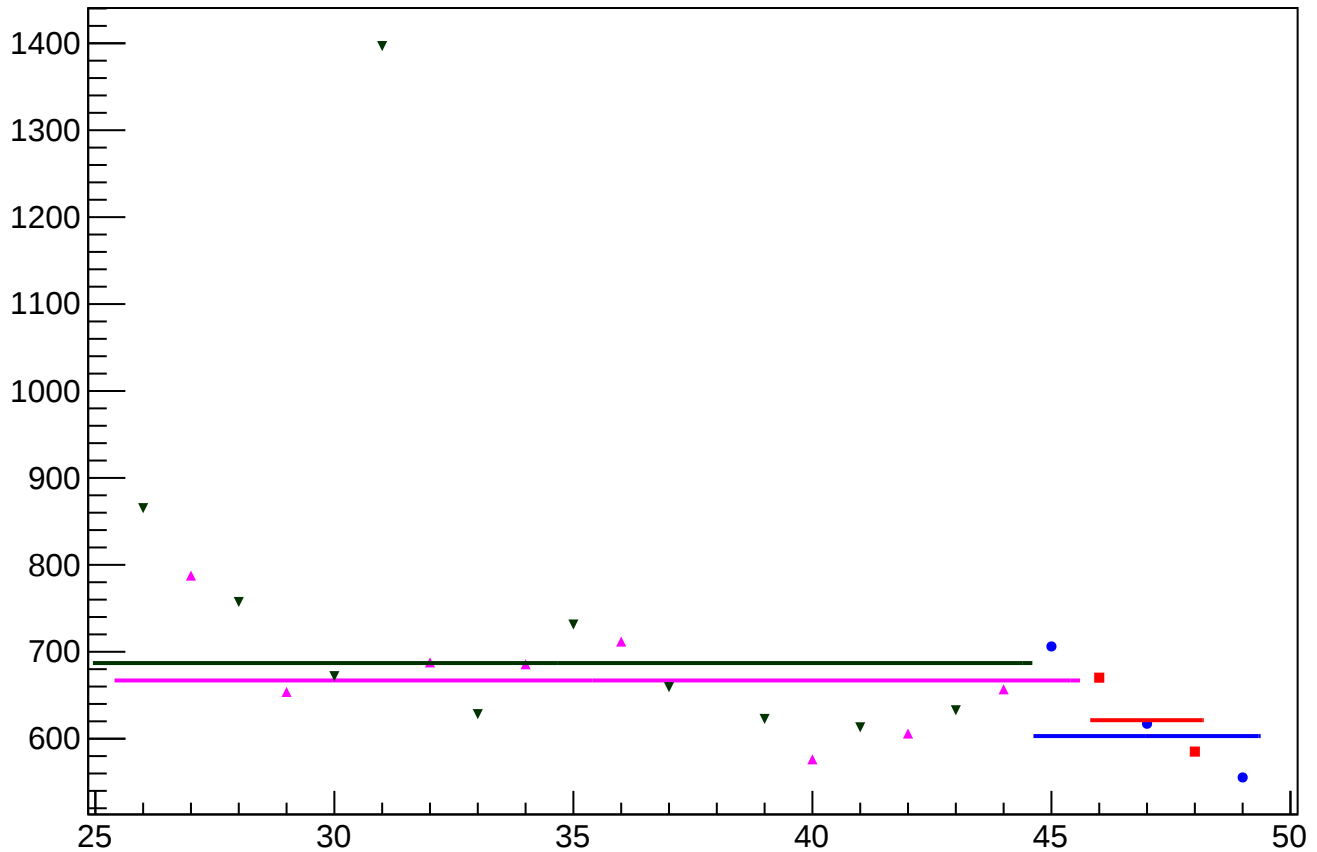
Right Out: 783.474 $\pm$ 669.807 χ^2 /NDF: 0.1/1

Left In: 181.369 $\pm$ 299.524 χ^2 /NDF:6.3/7

59.433 $\pm$ 249.902 χ^2 /NDF: 14.3/12

281.707 $\pm$ 273.430 χ^2 /NDF: 7.1/9

asym_at2_dd_rms vs slug



Right In: 603.023 ± 0.305 χ^2/NDF : 40396.5/2

Left Out: 687.034 ± 0.217 χ^2/NDF : 291456.1/9

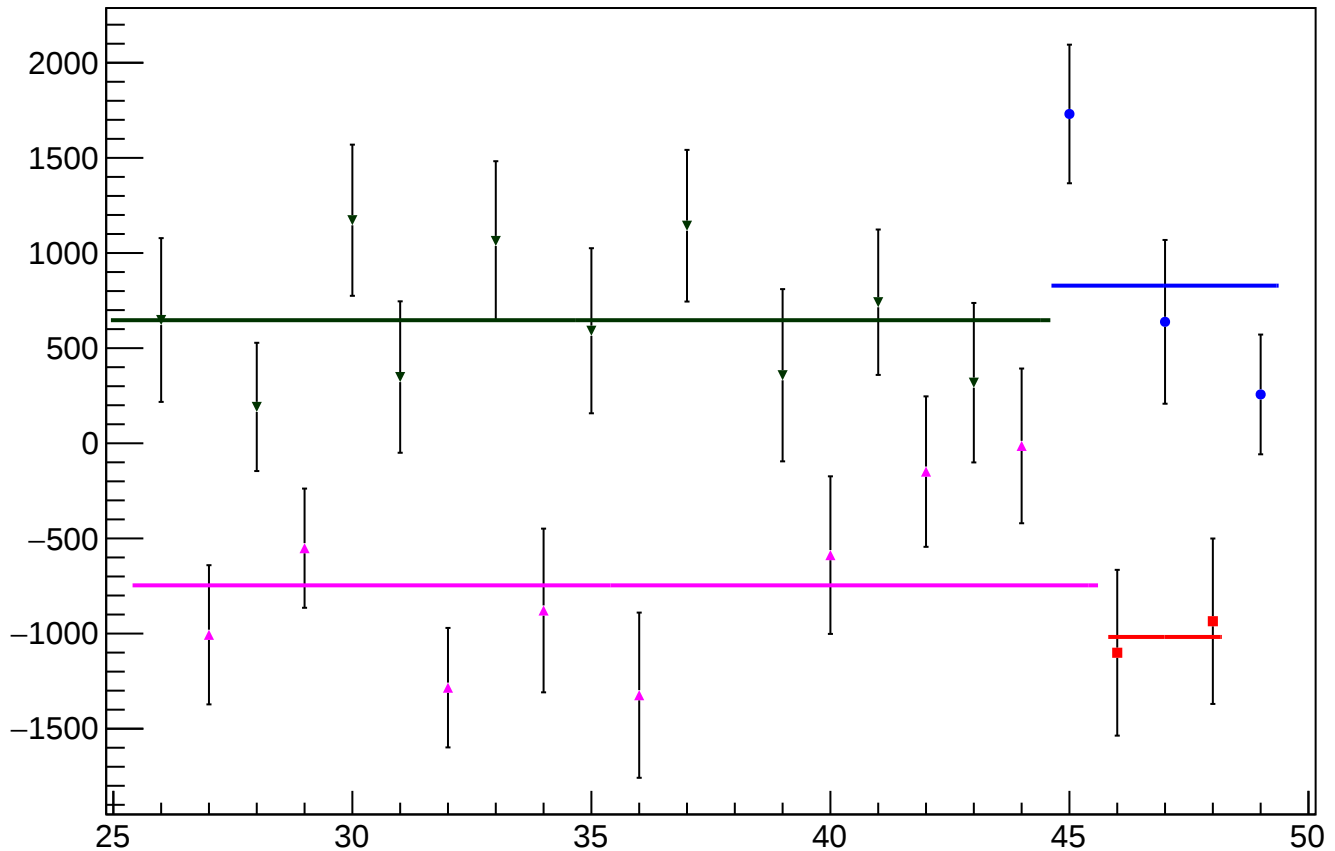
Right Out: 621.295 ± 0.474 χ^2/NDF : 7874.5/1

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

658.747 ± 0.177 χ^2/NDF : 382333.3/12

659.398 ± 0.193 χ^2/NDF : 96513.6/9

reg_asym_atl1r2_avg_mean vs slug



Right In: 828.528 $\pm$ 208.336 χ^2/NDF : 9.6/2

Left Out: 646.945 $\pm$ 127.436 χ^2/NDF : 7.8/9

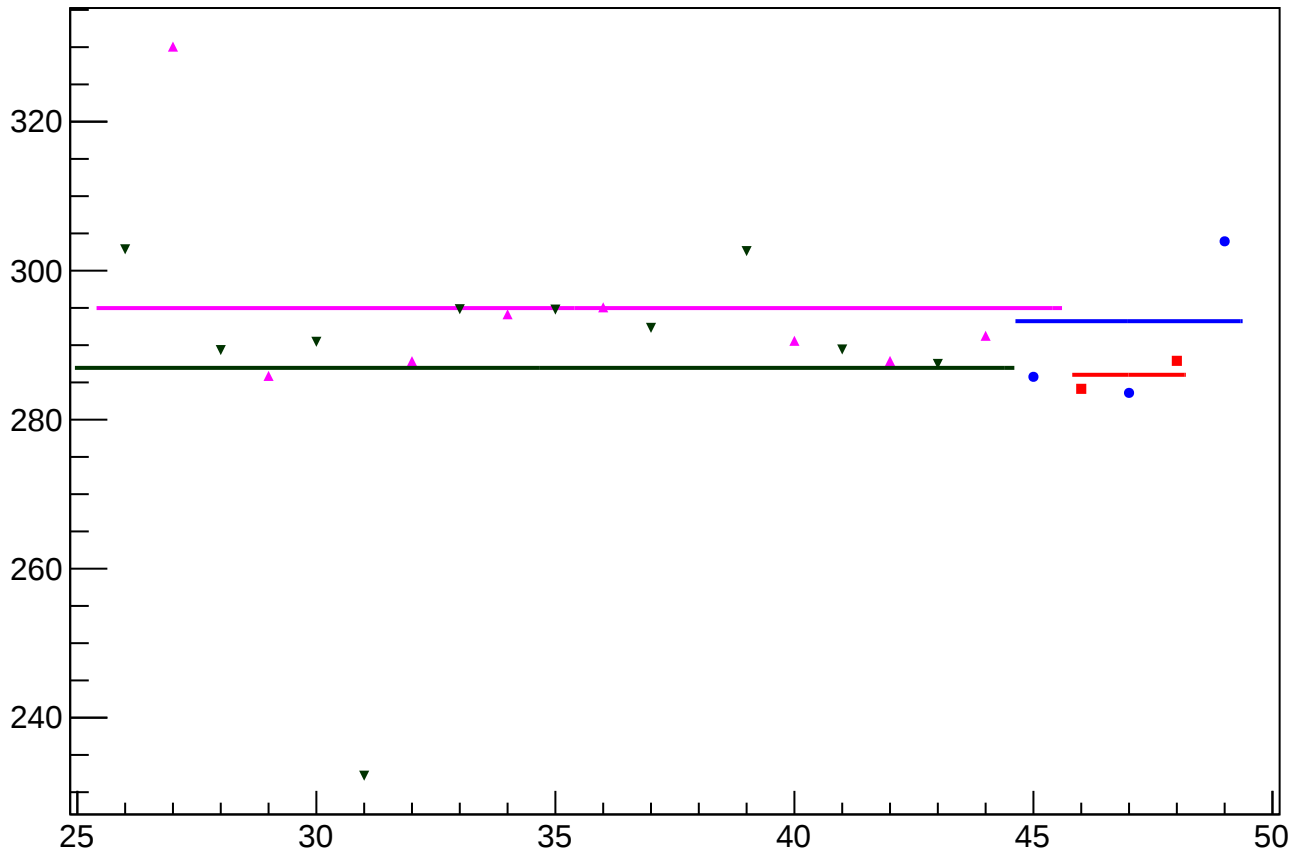
Right Out: -1017.783 $\pm$ 307.717 χ^2/NDF : 0.1/1

Left In: -746.580 $\pm$ 132.693 χ^2/NDF : 11.4/7

696.387 $\pm$ 108.711 χ^2/NDF : 18.0/12

-789.103 $\pm$ 121.847 χ^2/NDF : 12.1/9

reg_asym_atl1r2_avg_rms vs slug



Right In: 293.220+/-0.147 χ^2/NDF : 4162.2/2

Left Out: 286.953+/-0.090 χ^2/NDF : 45031.7/9

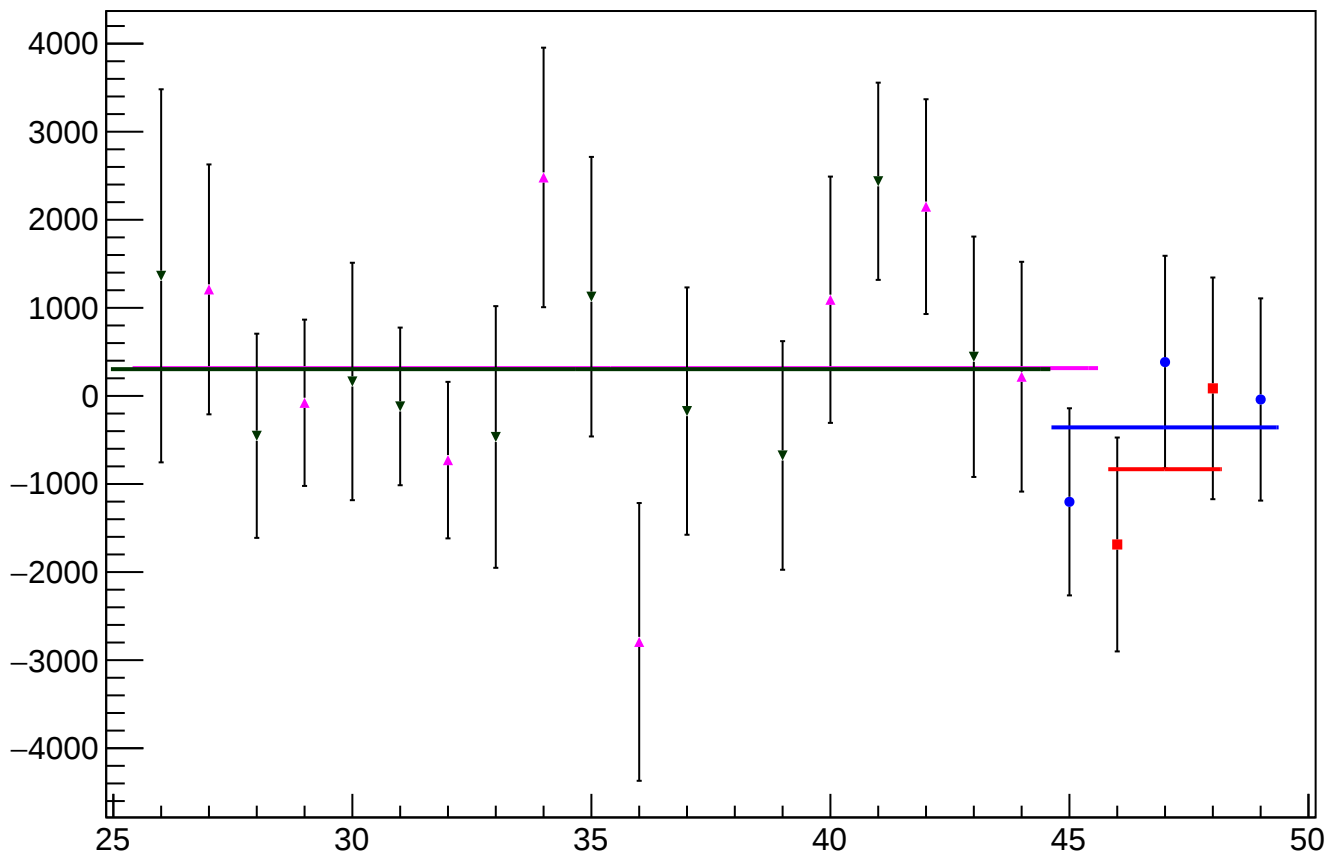
Right Out: 286.023+/-0.218 χ^2/NDF : 74.6/1

Left In: 294.977+/-0.094 χ^2/NDF : 22175.8/7

288.659+/-0.077 χ^2/NDF : 50510.9/12

293.573+/-0.086 χ^2/NDF : 23678.2/9

asym_atl1r2_avg_correction_mean vs slug



Right In: -357.138+/-654.963 χ^2 /NDF: 1.1/2

Left Out: 303.959+/-406.510 χ^2 /NDF:5.8/9

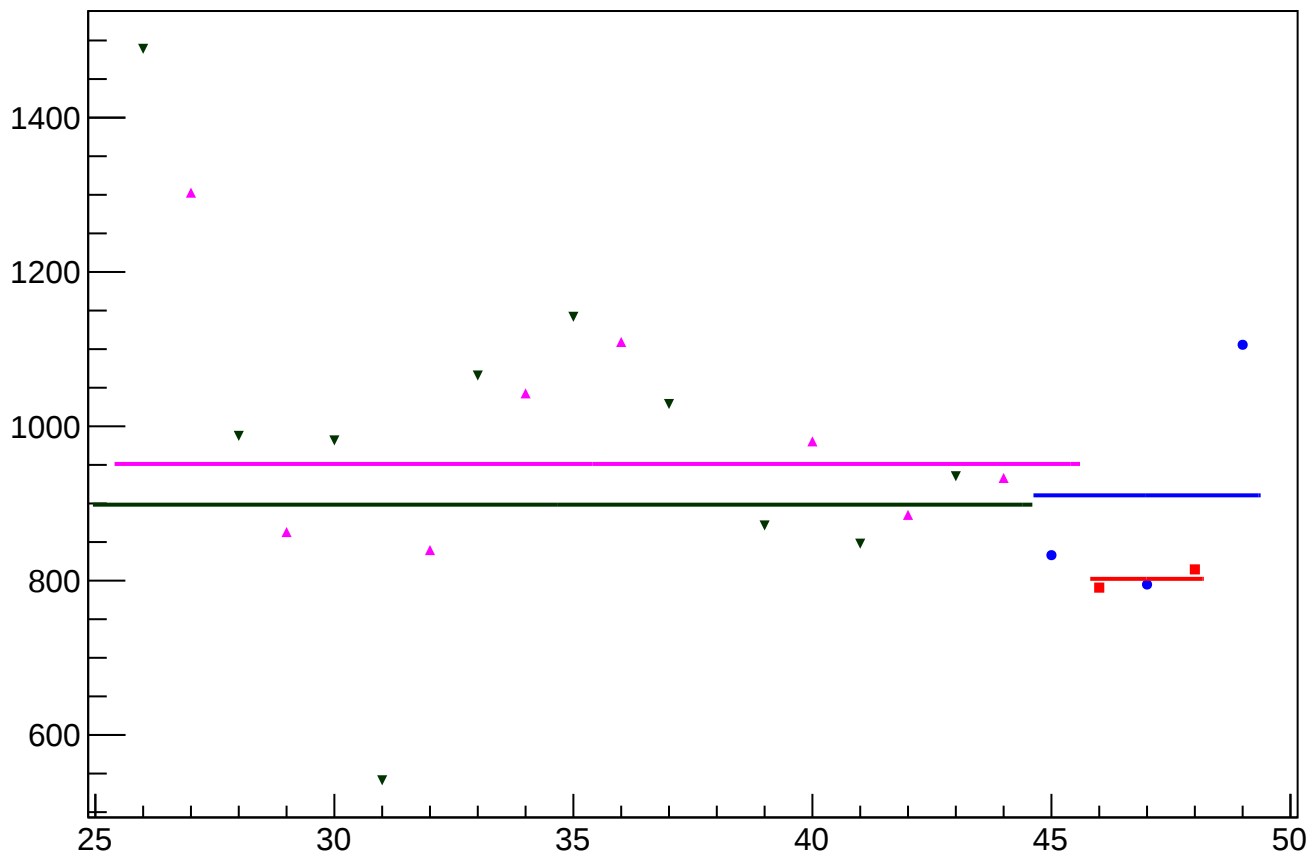
Right Out: -832.051+/-873.859 χ^2 /NDF: 1.0/1

Left In: 315.709+/-425.643 χ^2 /NDF:10.6/7

120.112+/-345.392 χ^2 /NDF: 7.6/12

95.618+/-382.663 χ^2 /NDF: 13.0/9

asym_atl1r2_avg_correction_rms vs slug



Right In: 910.541 ± 0.463 χ^2/NDF : 86737.4/2

Left Out: 898.453 ± 0.287 χ^2/NDF : 589701.9/9

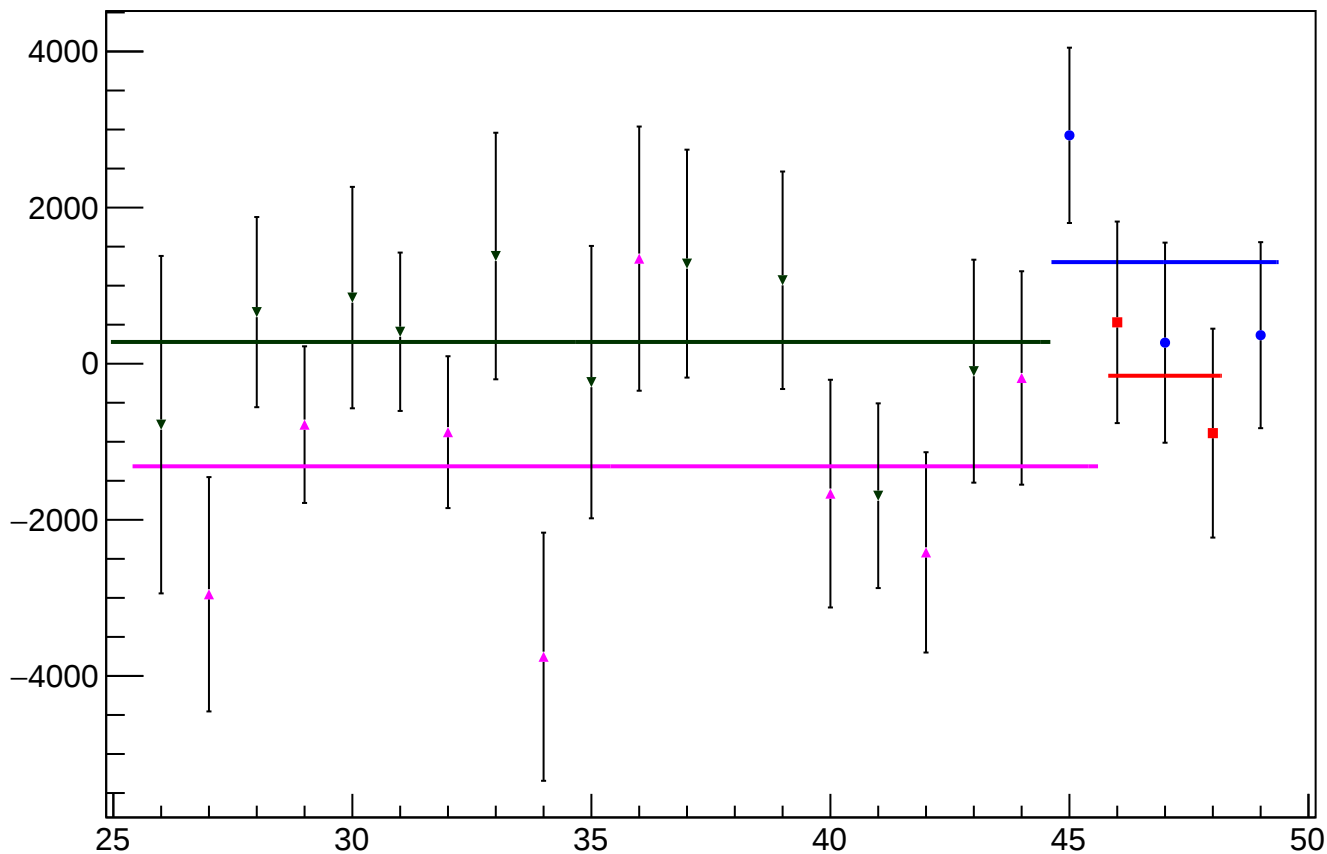
Right Out: 802.337 ± 0.618 χ^2/NDF : 364.7/1

Left In: 951.224 ± 0.301 χ^2/NDF : 206752.8/7

901.815 ± 0.244 χ^2/NDF : 676931.1/12

922.674 ± 0.271 χ^2/NDF : 254042.9/9

asym_atl1r2_avg_mean vs slug



Right In: 1301.580+/-689.104 χ^2/NDF : 3.4/2

Left Out: 278.652+/-435.403 χ^2/NDF : 4.7/9

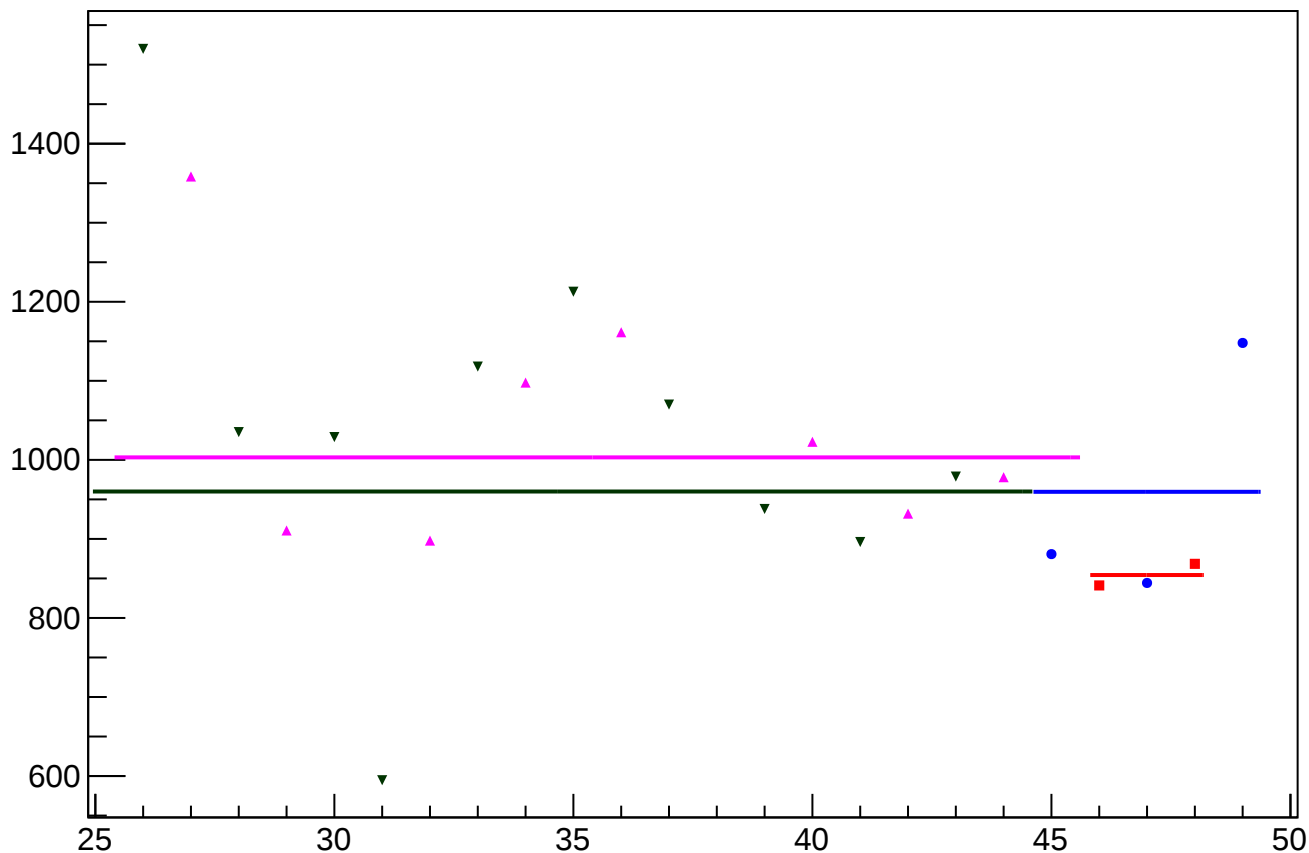
Right Out: -154.186+/-929.075 χ^2/NDF : 0.6/1

Left In: -1314.458+/-454.003 χ^2/NDF : 8.0/7

570.511+/-368.085 χ^2/NDF : 9.7/12

-1090.804+/-407.906 χ^2/NDF : 9.8/9

asym_atl1r2_avg_rms vs slug



Right In: 959.593 ± 0.487 χ^2/NDF : 76008.6/2

Left Out: 959.970 ± 0.308 χ^2/NDF : 485856.9/9

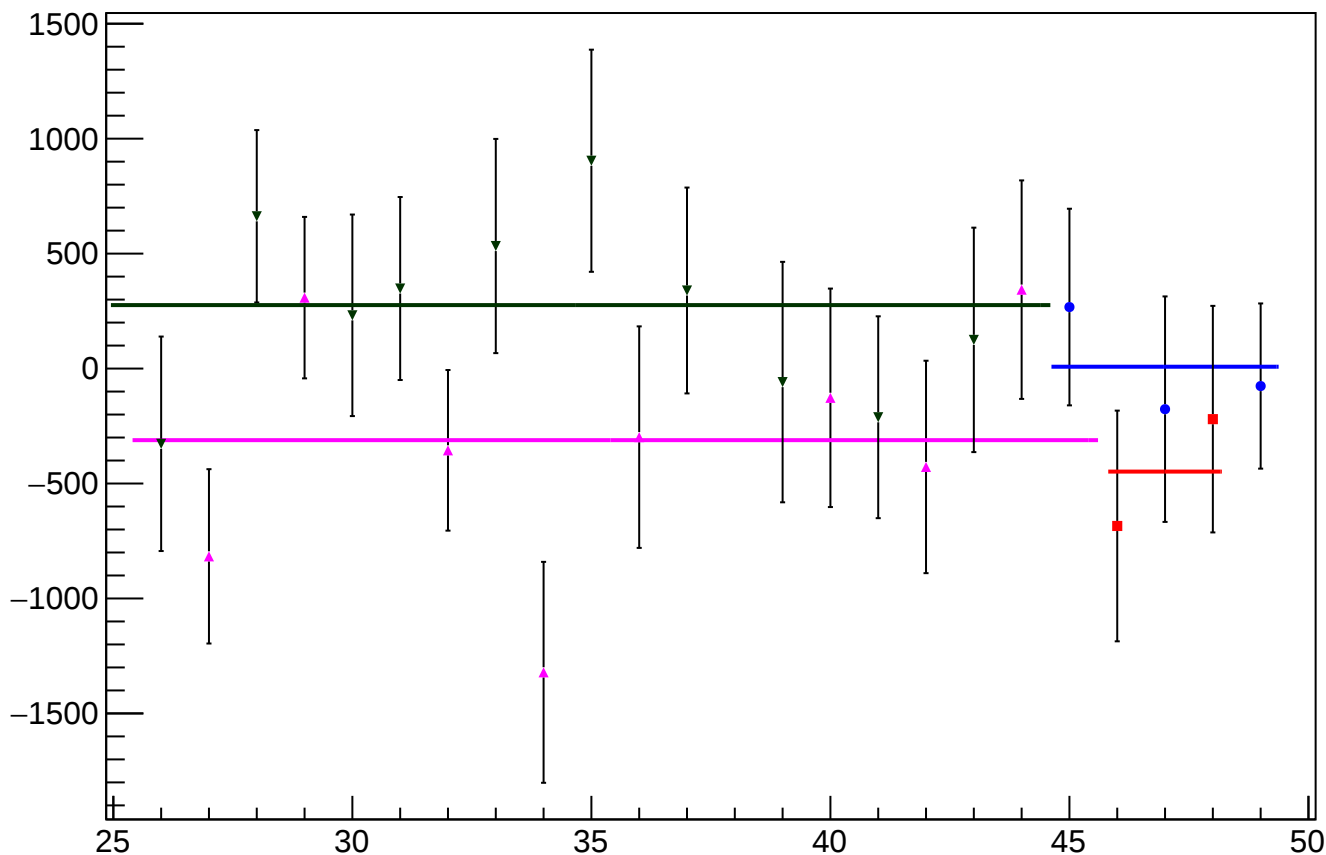
Right Out: 854.314 ± 0.657 χ^2/NDF : 432.2/1

Left In: 1003.146 ± 0.321 χ^2/NDF : 184277.9/7

959.863 ± 0.260 χ^2/NDF : 561865.9/12

974.457 ± 0.288 χ^2/NDF : 226140.9/9

reg_asym_atl1r2_dd_mean vs slug



Right In: 8.039 $\pm$ 239.914 χ^2/NDF : 0.6/2

Left Out: 276.090 $\pm$ 141.202 χ^2/NDF : 6.5/9

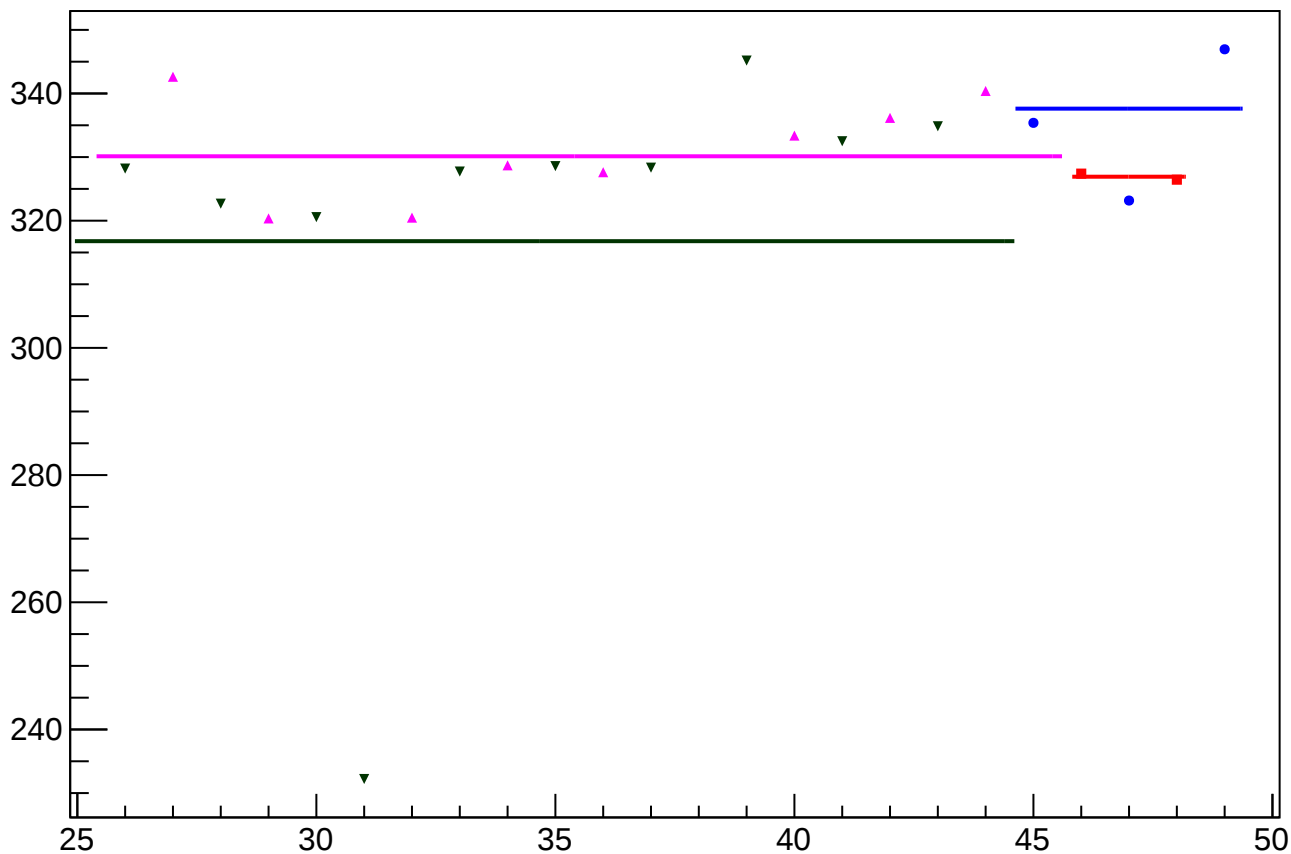
Right Out: -448.112 $\pm$ 351.553 χ^2/NDF : 0.4/1

Left In: -311.389 $\pm$ 148.343 χ^2/NDF : 11.4/7

207.127 $\pm$ 121.690 χ^2/NDF : 8.0/12

-332.053 $\pm$ 136.673 χ^2/NDF : 12.0/9

reg_asym_atl1r2_dd_rms vs slug



Right In: 337.617 ± 0.170 χ^2/NDF : 3141.0/2

Left Out: 316.778 ± 0.100 χ^2/NDF : 106979.2/9

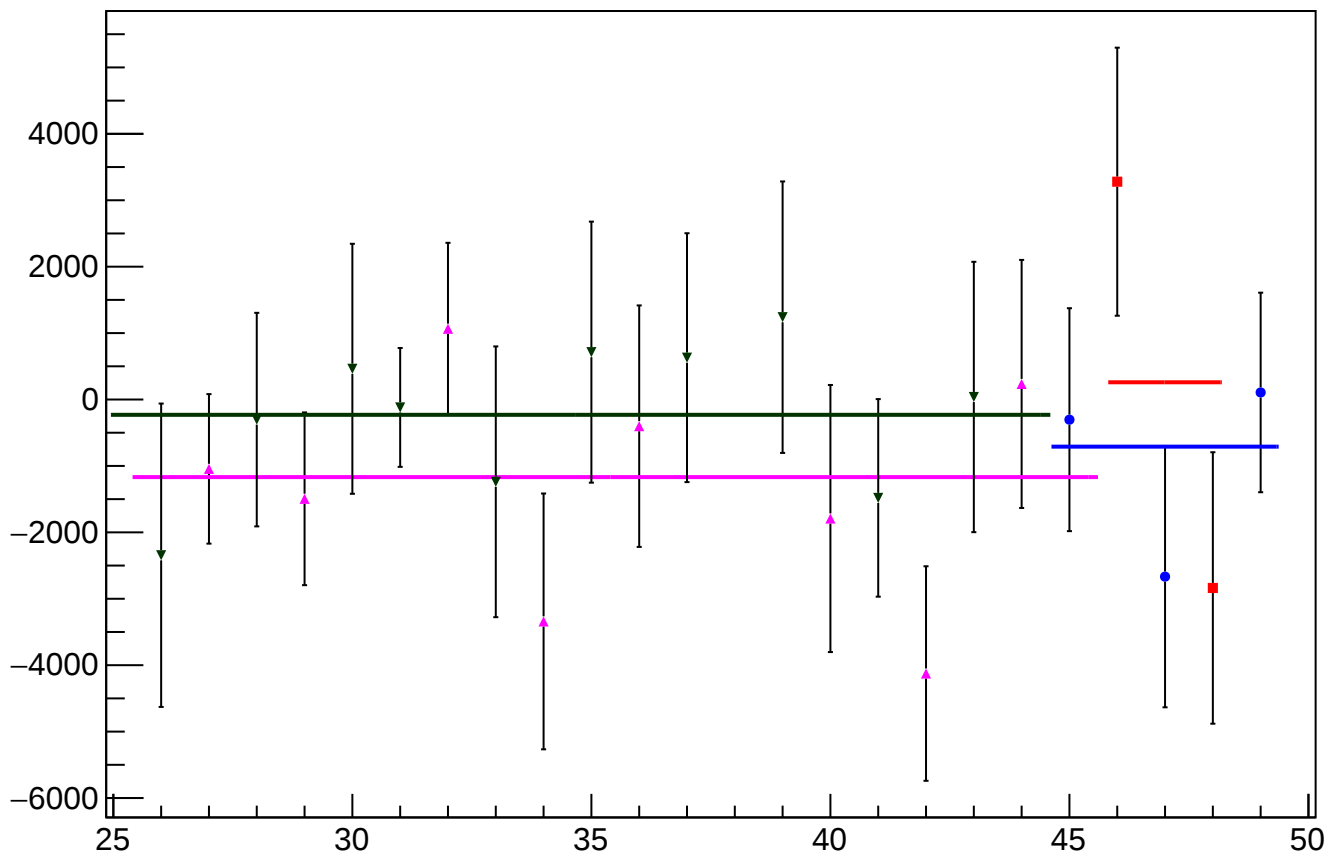
Right Out: 326.914 ± 0.249 χ^2/NDF : 3.7/1

Left In: 330.127 ± 0.105 χ^2/NDF : 6690.1/7

322.140 ± 0.086 χ^2/NDF : 121326.9/12

329.641 ± 0.097 χ^2/NDF : 6835.5/9

asym_atl1r2_dd_correction_mean vs slug



Right In: -709.579 $\pm$ 972.889 χ^2/NDF : 1.3/2

Left Out: -230.495 $\pm$ 511.193 χ^2/NDF : 2.9/9

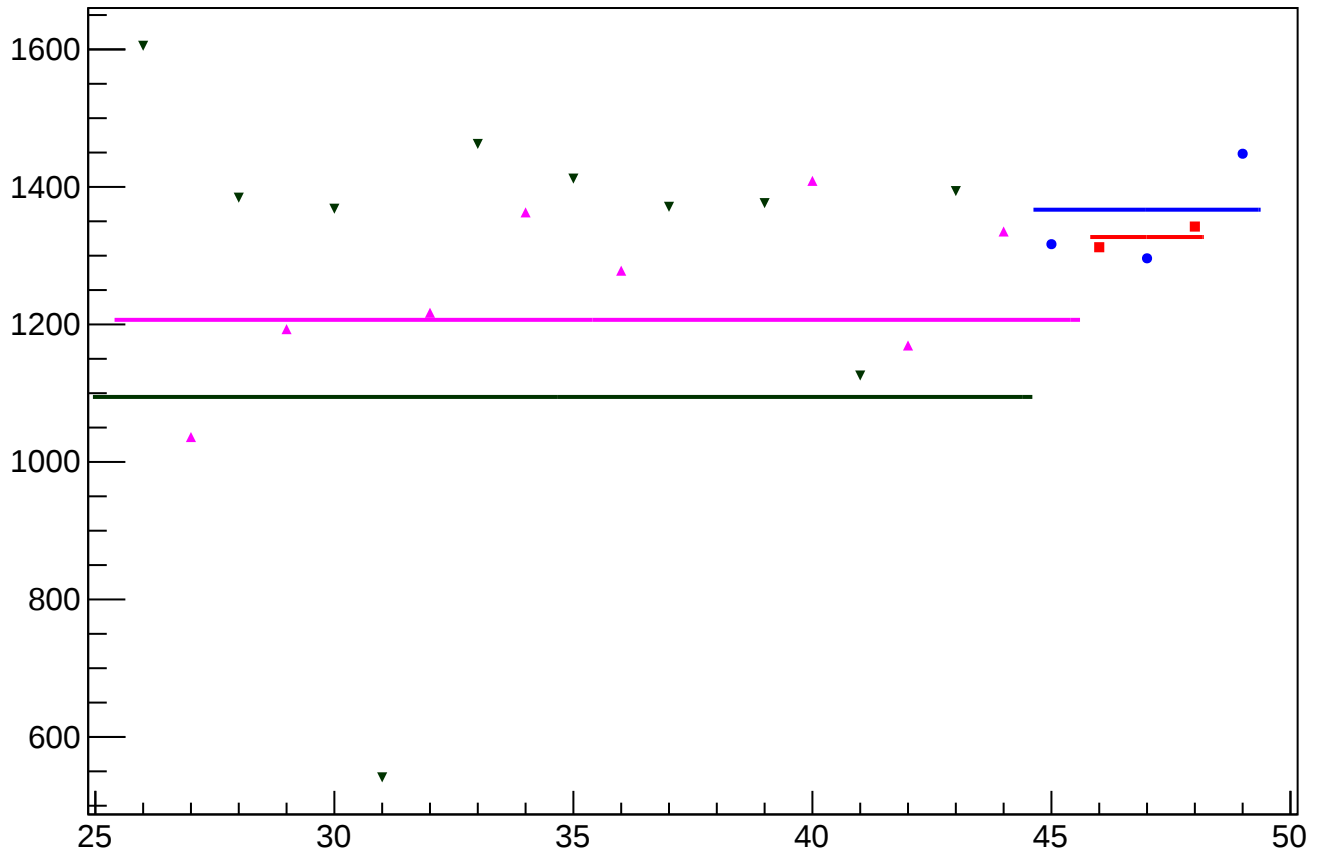
Right Out: 259.437 $\pm$ 1435.904 χ^2/NDF : 4.5/1

Left In: -1168.061 $\pm$ 536.955 χ^2/NDF : 8.5/7

-334.146 $\pm$ 452.528 χ^2/NDF : 4.5/12

-992.932 $\pm$ 502.940 χ^2/NDF : 13.9/9

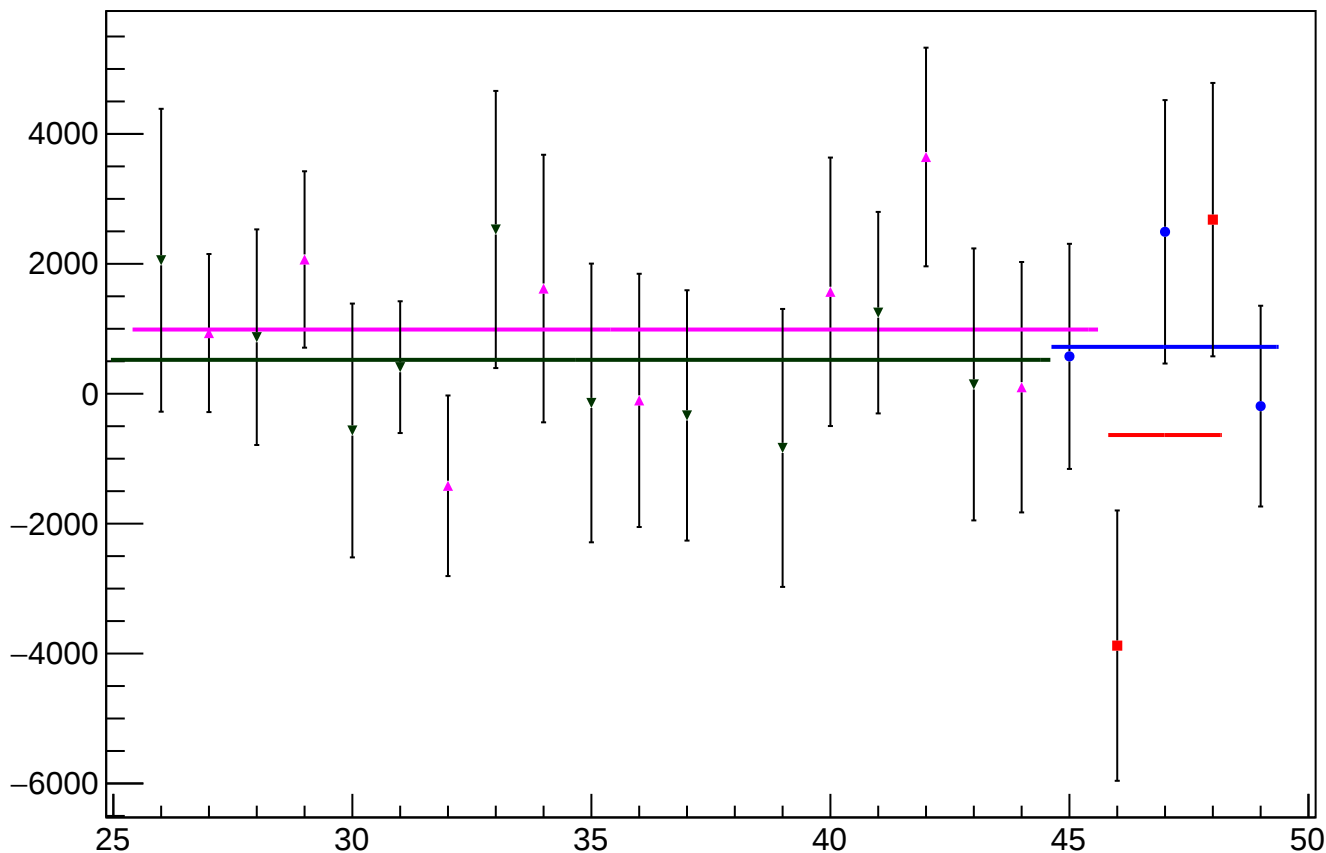
asym_atl1r2_dd_correction_rms vs slug



Right In: 1366.880 +/- 0.688 χ^2/NDF : 10241.2/2
 Left Out: 1094.559 +/- 0.361 χ^2/NDF : 1214879.1/9
 Right Out: 1327.140 +/- 1.015 χ^2/NDF : 219.0/1
 Left In: 1206.686 +/- 0.380 χ^2/NDF : 93225.4/7

1153.477 +/- 0.320 χ^2/NDF : 1347916.9/12
 1221.464 +/- 0.356 χ^2/NDF : 105792.0/9

asym_atl1r2_dd_mean vs slug



Right In: 721.648+/-1002.588 χ^2/NDF : 1.1/2

Left Out: 521.878+/-546.444 χ^2/NDF : 2.6/9

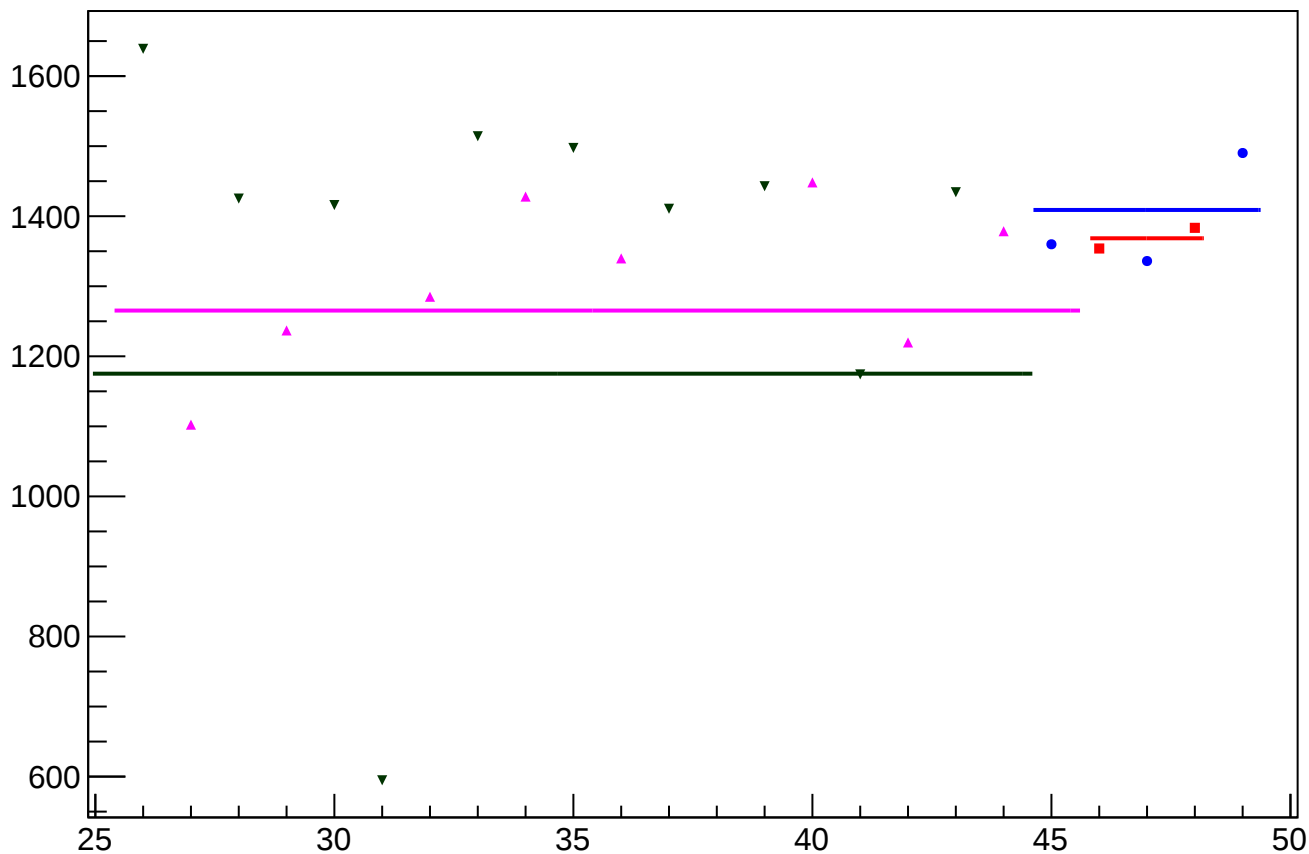
Right Out: -635.657+/-1479.781 χ^2/NDF : 4.9/1

Left In: 988.467+/-568.860 χ^2/NDF : 6.8/7

567.631+/-479.806 χ^2/NDF : 3.8/12

779.356+/-530.978 χ^2/NDF : 12.8/9

asym_atl1r2_dd_rms vs slug



Right In: 1408.925 ± 0.709 χ^2/NDF : 9720.2/2

Left Out: 1175.201 ± 0.386 χ^2/NDF : 997076.7/9

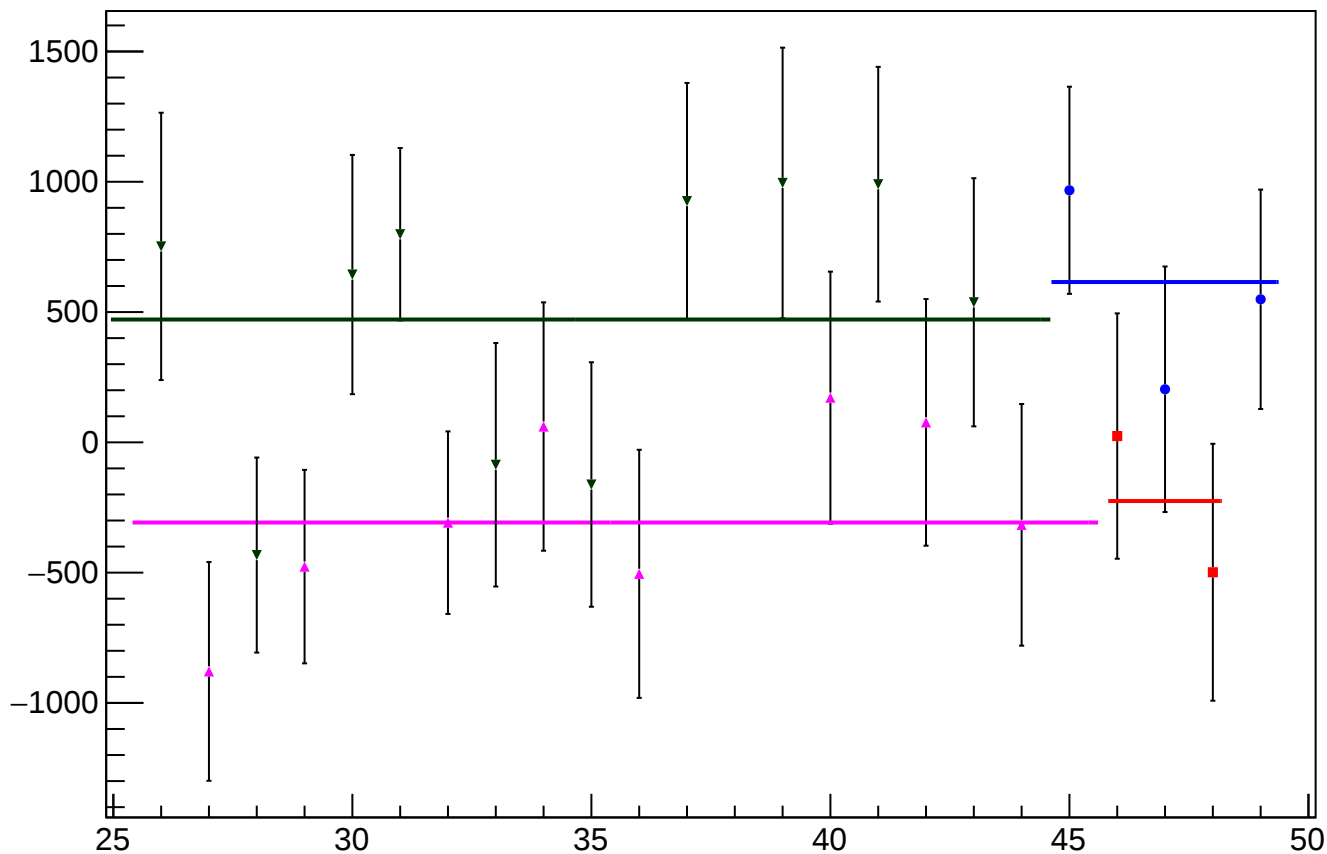
Right Out: 1368.480 ± 1.046 χ^2/NDF : 198.6/1

Left In: 1265.308 ± 0.402 χ^2/NDF : 76563.2/7

1228.730 ± 0.339 χ^2/NDF : 1090594.7/12

1278.592 ± 0.375 χ^2/NDF : 85232.0/9

reg_asym_atr1l2_avg_mean vs slug



Right In: 615.236 ± 246.384 χ^2/NDF : 1.6/2

Left Out: 471.416 ± 138.869 χ^2/NDF : 13.9/9

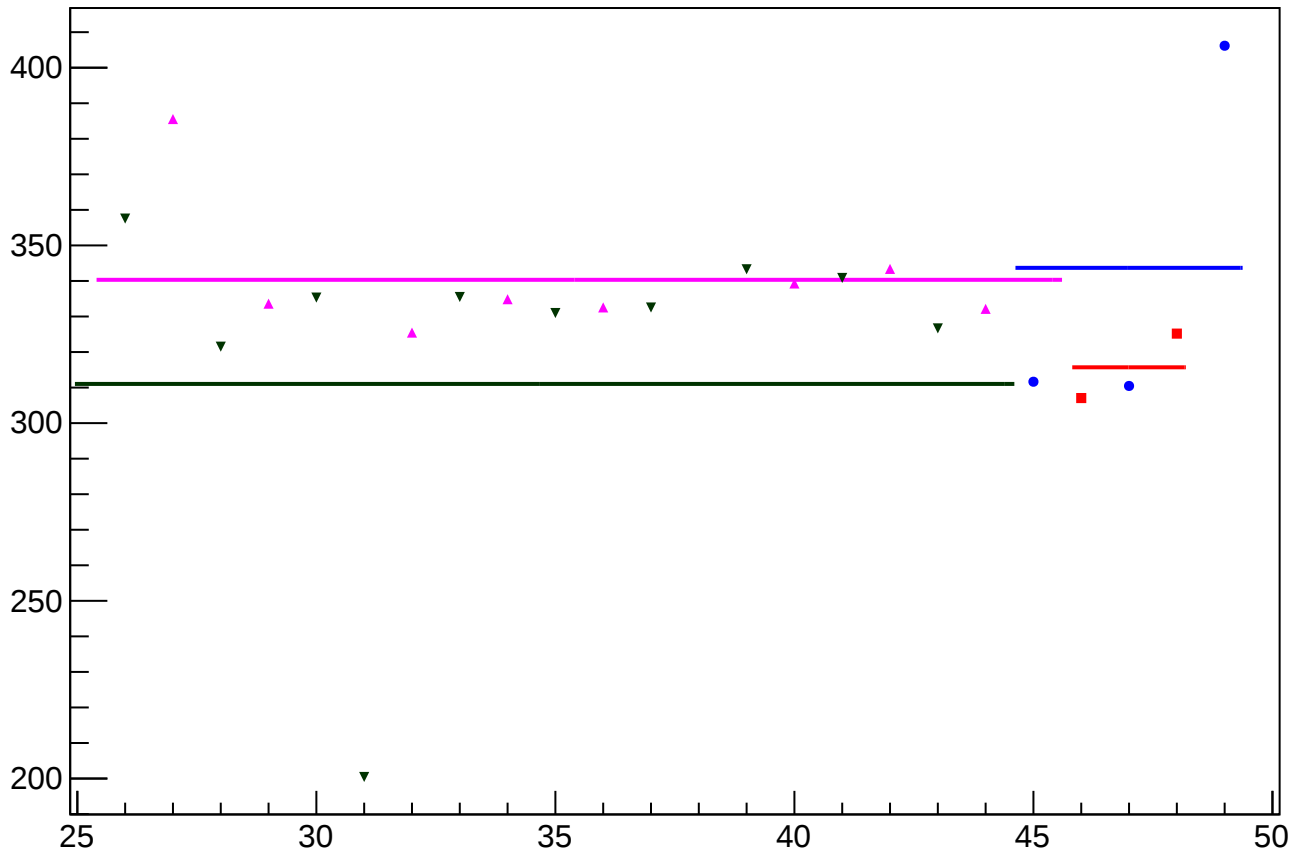
Right Out: -225.223 ± 340.491 χ^2/NDF : 0.6/1

Left In: -307.654 ± 151.998 χ^2/NDF : 4.5/7

506.089 ± 120.977 χ^2/NDF : 15.7/12

-293.956 ± 138.796 χ^2/NDF : 5.1/9

reg_asym_atr1l2_avg_rms vs slug



Right In: 343.691 ± 0.174 χ^2/NDF : 66997.1/2

Left Out: 311.029 ± 0.098 χ^2/NDF : 279202.9/9

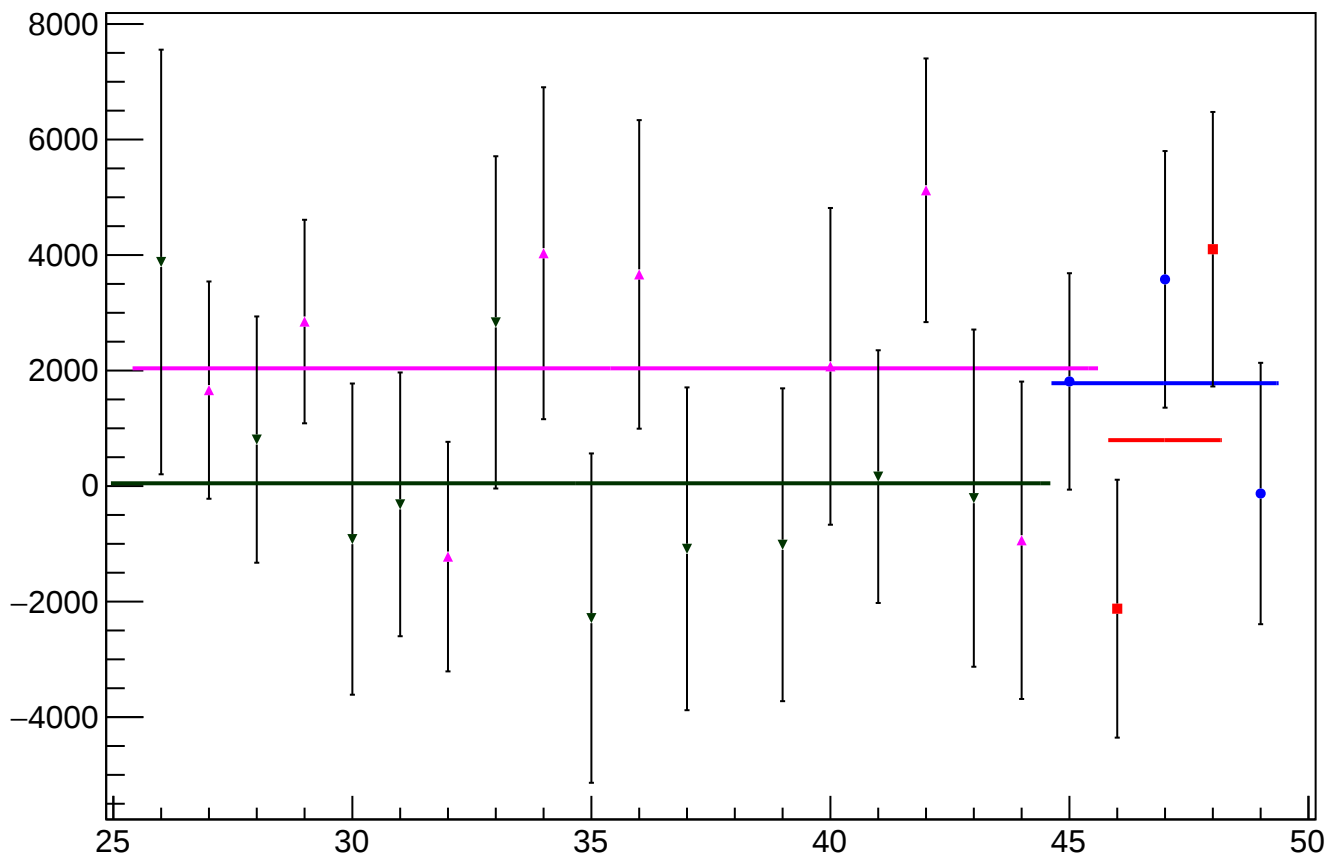
Right Out: 315.704 ± 0.241 χ^2/NDF : 1414.4/1

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.3/7

318.904 ± 0.086 χ^2/NDF : 372872.6/12

336.233 ± 0.098 χ^2/NDF : 39111.4/9

asym_atr1l2_avg_correction_mean vs slug



Right In: 1781.122+/-1210.175 χ^2/NDF : 1.4/2

Left Out: 48.343+/-828.109 χ^2/NDF : 3.3/9

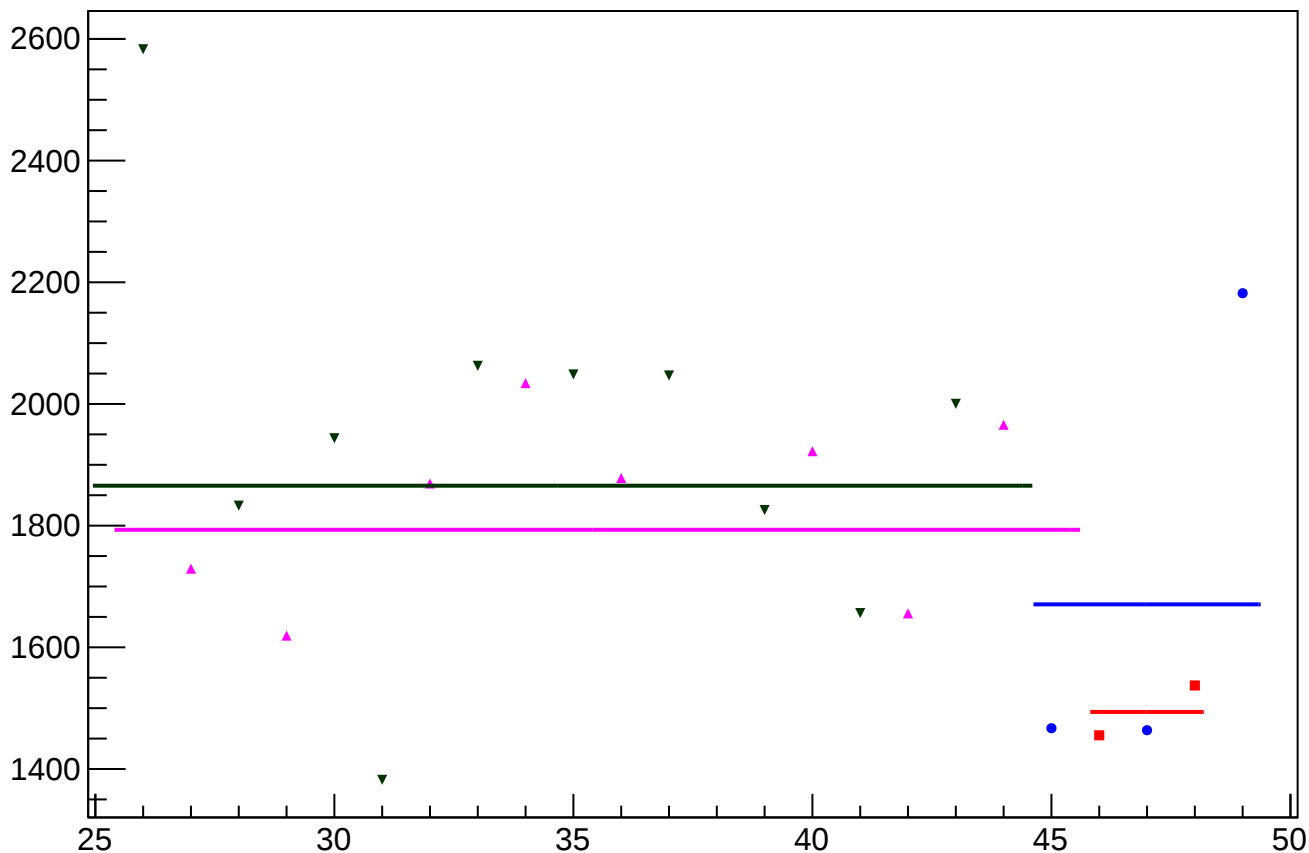
Right Out: 795.300+/-1627.137 χ^2/NDF : 3.6/1

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

600.956+/-683.419 χ^2/NDF : 6.1/12

1798.402+/-715.305 χ^2/NDF : 10.9/9

asym_atr1l2_avg_correction_rms vs slug



Right In: 1670.606+/-0.856 χ^2/NDF : 143144.3/2

Left Out: 1865.656+/-0.586 χ^2/NDF :217022.9/9

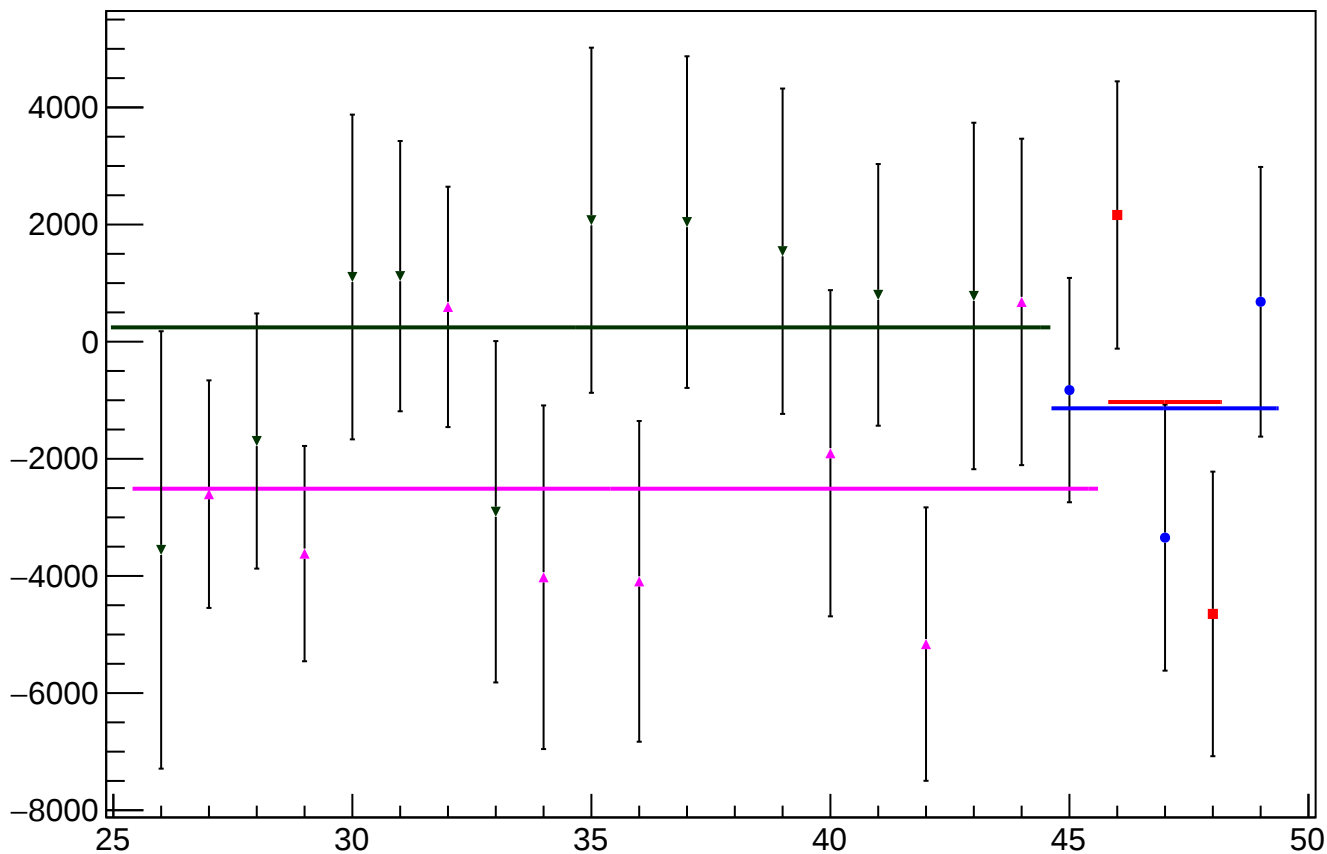
Right Out: 1493.785+/-1.151 χ^2/NDF : 1261.3/1

Left In: 1793.191+/-0.563 χ^2/NDF :60429.1/7

1803.451+/-0.483 χ^2/NDF : 395552.6/12

1735.329+/-0.506 χ^2/NDF : 116321.1/9

asym_atr1l2_avg_mean vs slug



Right In: -1137.831 $\pm$ 1235.536 χ^2/NDF : 1.6/2

Left Out: 244.304 $\pm$ 844.452 χ^2/NDF : 4.3/9

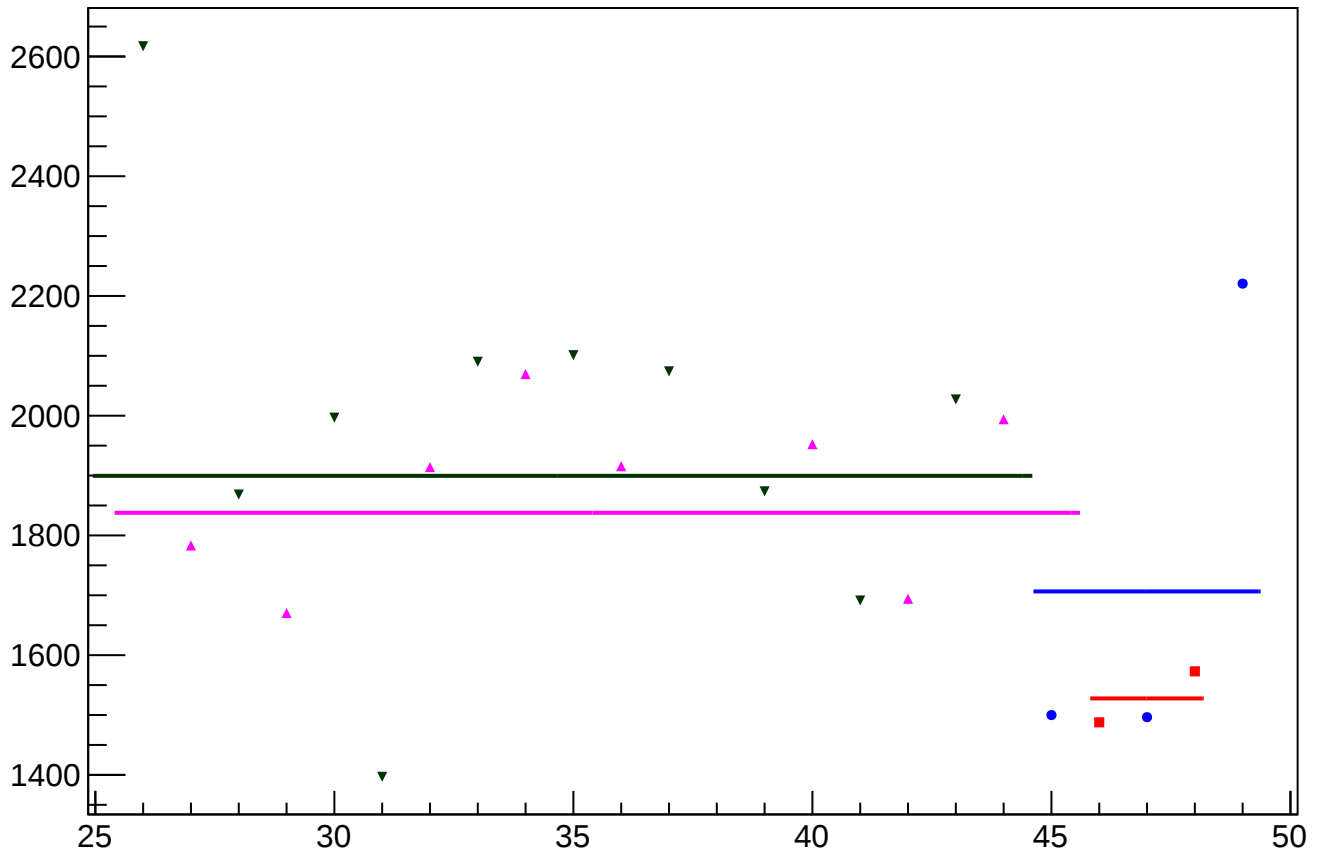
Right Out: -1030.070 $\pm$ 1663.380 χ^2/NDF : 4.2/1

Left In: -2510.541 $\pm$ 819.482 χ^2/NDF : 5.9/7

-195.765 $\pm$ 697.173 χ^2/NDF : 6.8/12

-2221.390 $\pm$ 735.112 χ^2/NDF : 10.7/9

asym_atr1l2_avg_rms vs slug



Right In: 1706.435+/-0.874 χ^2/NDF : 140091.2/2

Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

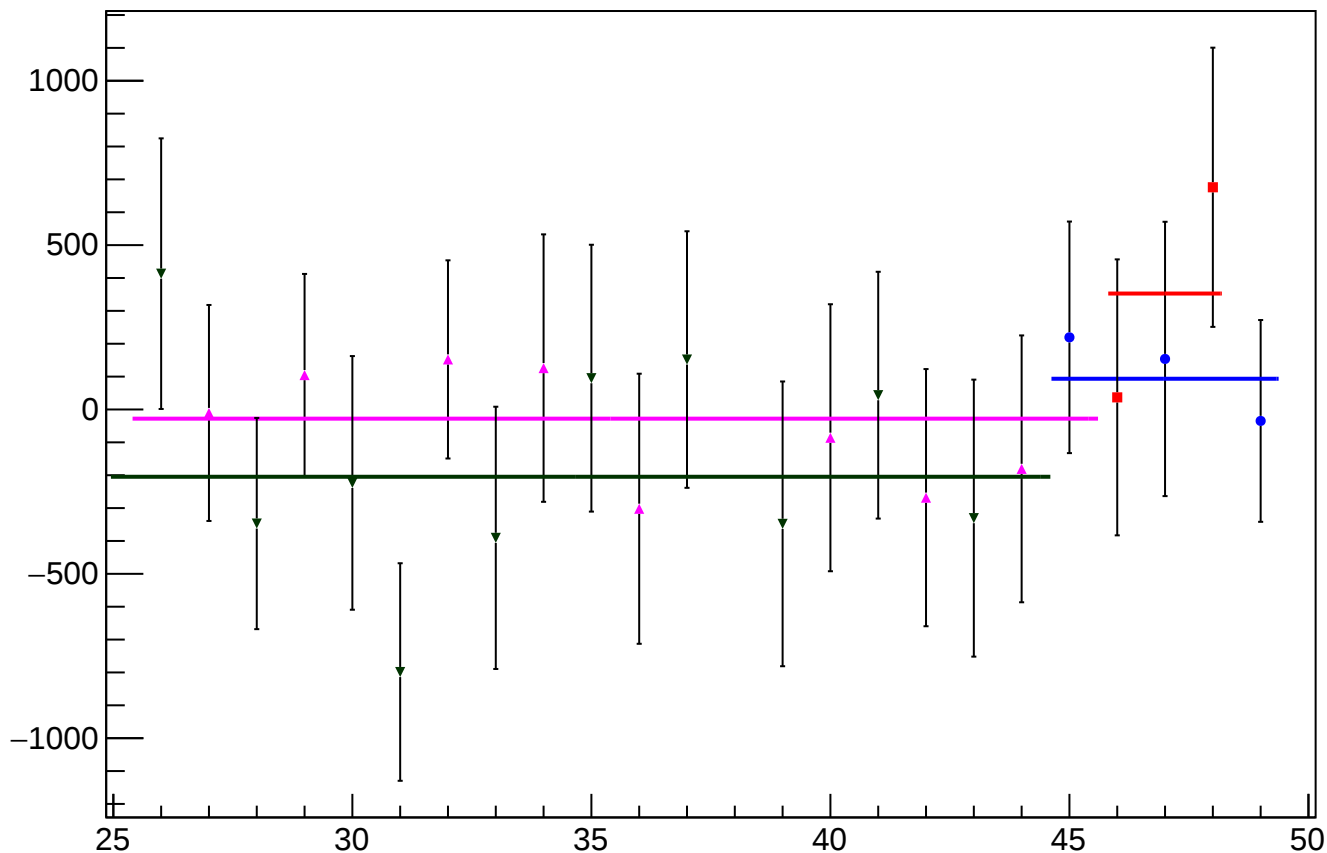
Right Out: 1527.719+/-1.176 χ^2/NDF : 1304.2/1

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1838.040+/-0.493 χ^2/NDF : 391831.3/12

1777.244+/-0.520 χ^2/NDF : 109503.0/9

reg_asym_atr1l2_dd_mean vs slug



Right In: 93.470 $\pm$ 202.376 χ^2/NDF : 0.3/2

Left Out: -204.705 $\pm$ 120.898 χ^2/NDF : 7.9/9

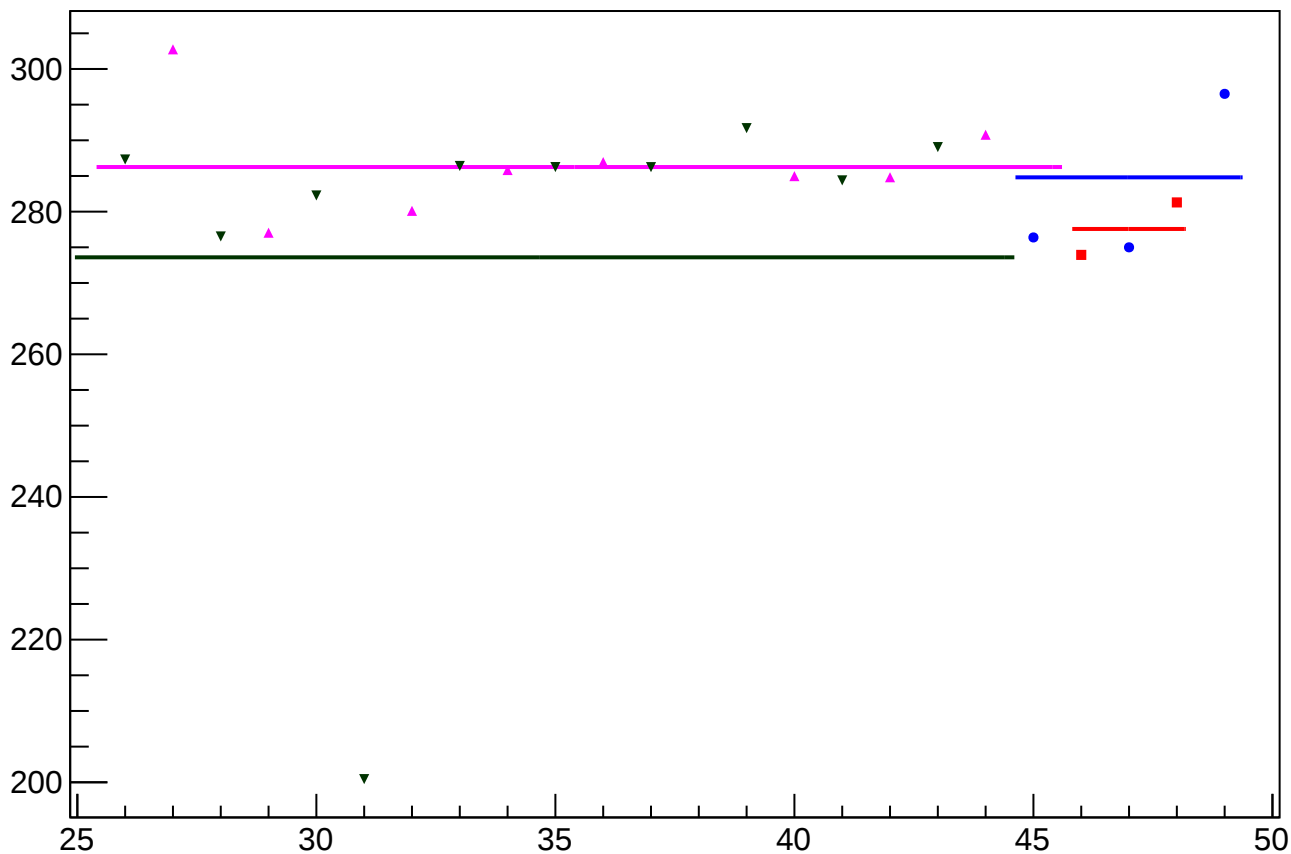
Right Out: 352.705 $\pm$ 298.557 χ^2/NDF : 1.1/1

Left In: -27.916 $\pm$ 127.552 χ^2/NDF : 1.7/7

-126.280 $\pm$ 103.789 χ^2/NDF : 9.8/12

30.833 $\pm$ 117.296 χ^2/NDF : 4.2/9

reg_asym_atr1l2_dd_rms vs slug



Right In: 284.807 ± 0.143 χ^2/NDF : 5159.3/2

Left Out: 273.595 ± 0.085 χ^2/NDF : 115068.4/9

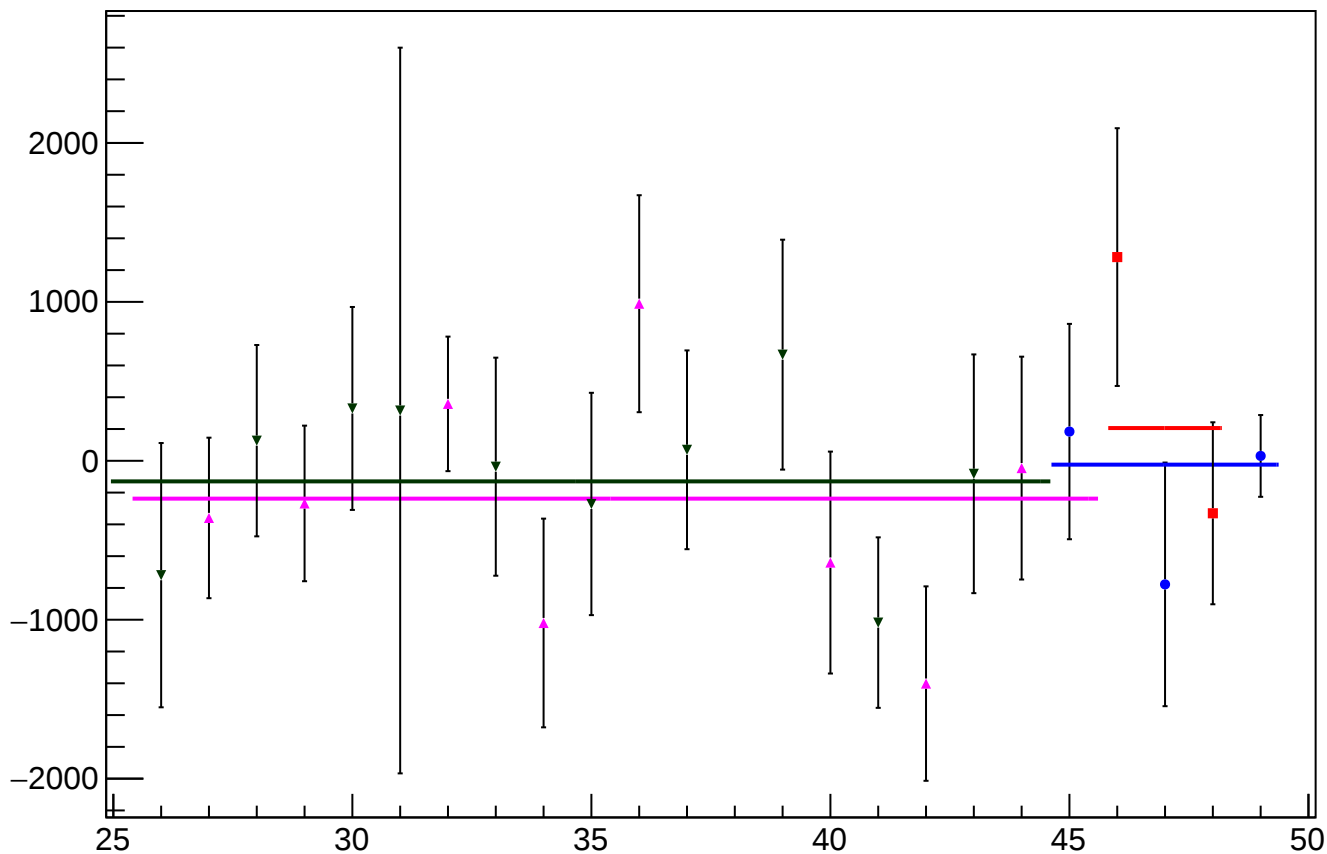
Right Out: 277.571 ± 0.211 χ^2/NDF : 303.4/1

Left In: 286.255 ± 0.090 χ^2/NDF : 7968.8/7

276.544 ± 0.073 χ^2/NDF : 124751.9/12

284.914 ± 0.083 χ^2/NDF : 9702.9/9

asym_atr1l2_dd_correction_mean vs slug



Right In: -24.168+/-229.488 χ^2/NDF : 1.1/2

Left Out: -129.532+/-219.616 χ^2/NDF : 5.4/9

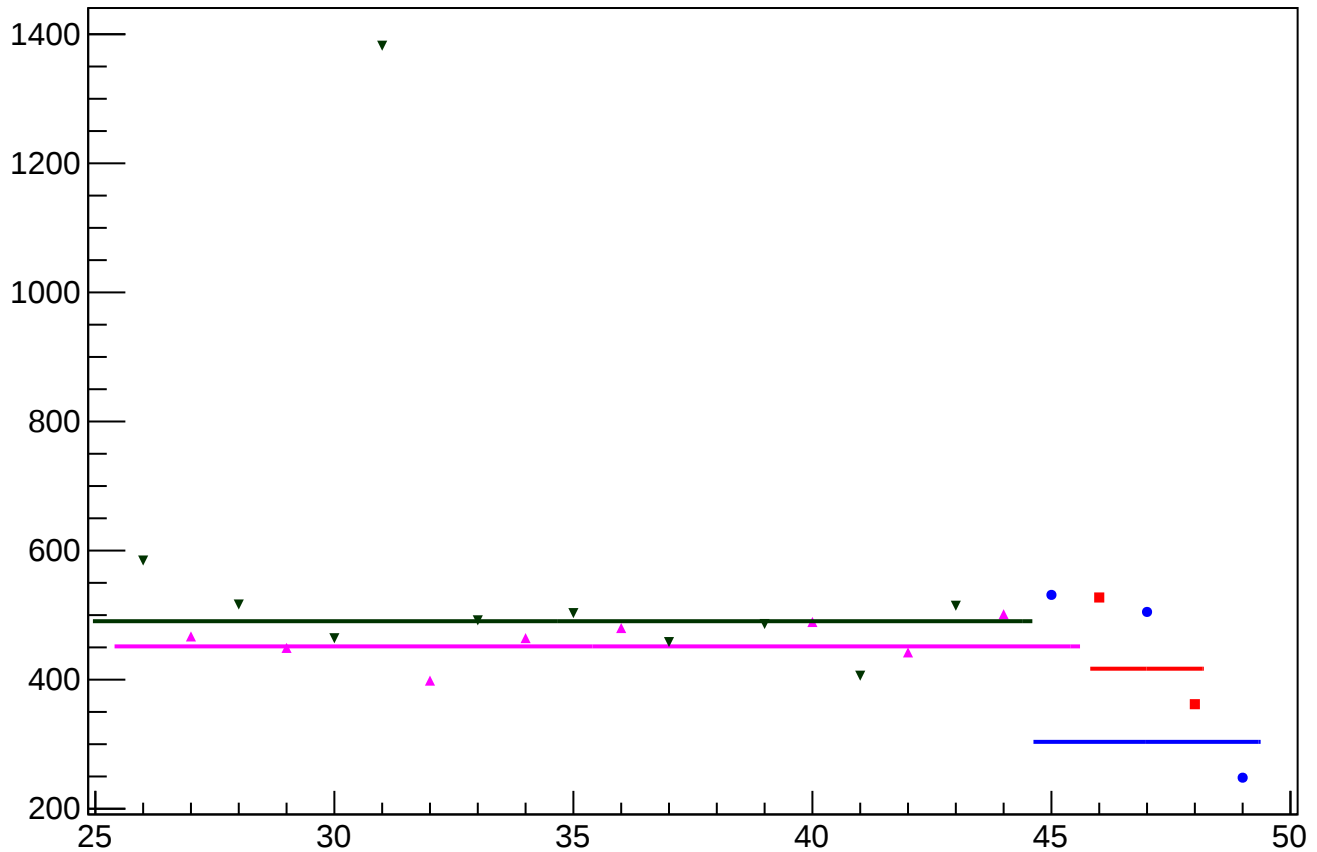
Right Out: 206.063+/-467.752 χ^2/NDF : 2.6/1

Left In: -238.069+/-200.408 χ^2/NDF : 10.7/7

-79.165+/-158.667 χ^2/NDF : 6.6/12

-169.185+/-184.212 χ^2/NDF : 14.1/9

asym_atr1l2_dd_correction_rms vs slug



Right In: 303.642 $\pm$ 0.162 χ^2 /NDF: 456927.0/2

Left Out: 490.574 $\pm$ 0.155 χ^2 /NDF:395329.3/9

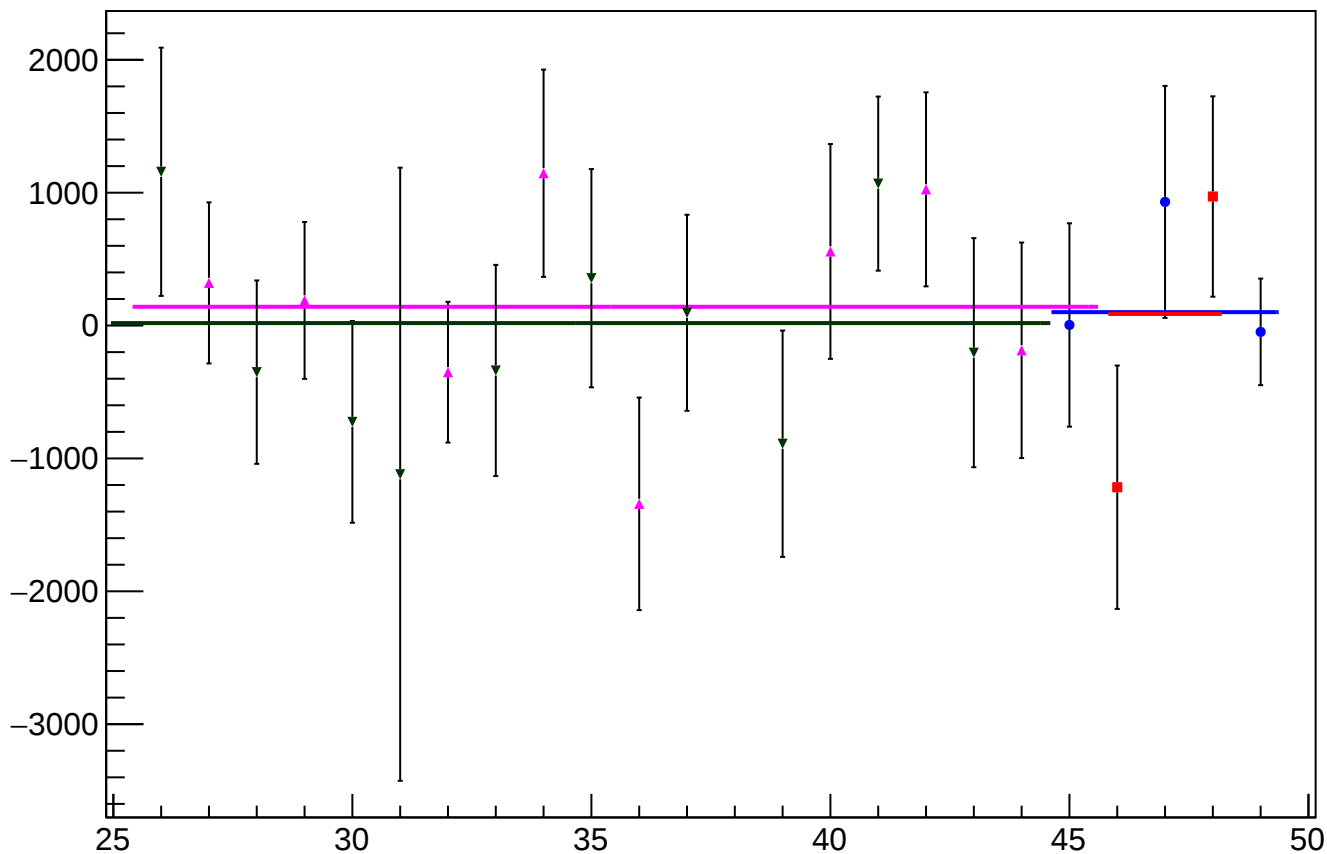
Right Out: 416.987 $\pm$ 0.331 χ^2 /NDF: 55471.2/1

Left In: 451.550 $\pm$ 0.142 χ^2 /NDF:53983.7/7

401.215 $\pm$ 0.112 χ^2 /NDF: 1544916.1/12

446.189 $\pm$ 0.130 χ^2 /NDF: 118681.0/9

asym_atr1l2_dd_mean vs slug



Right In: 101.034 $\pm$ 329.088 χ^2 /NDF: 1.1/2

Left Out: 18.643 $\pm$ 257.116 χ^2 /NDF: 7.1/9

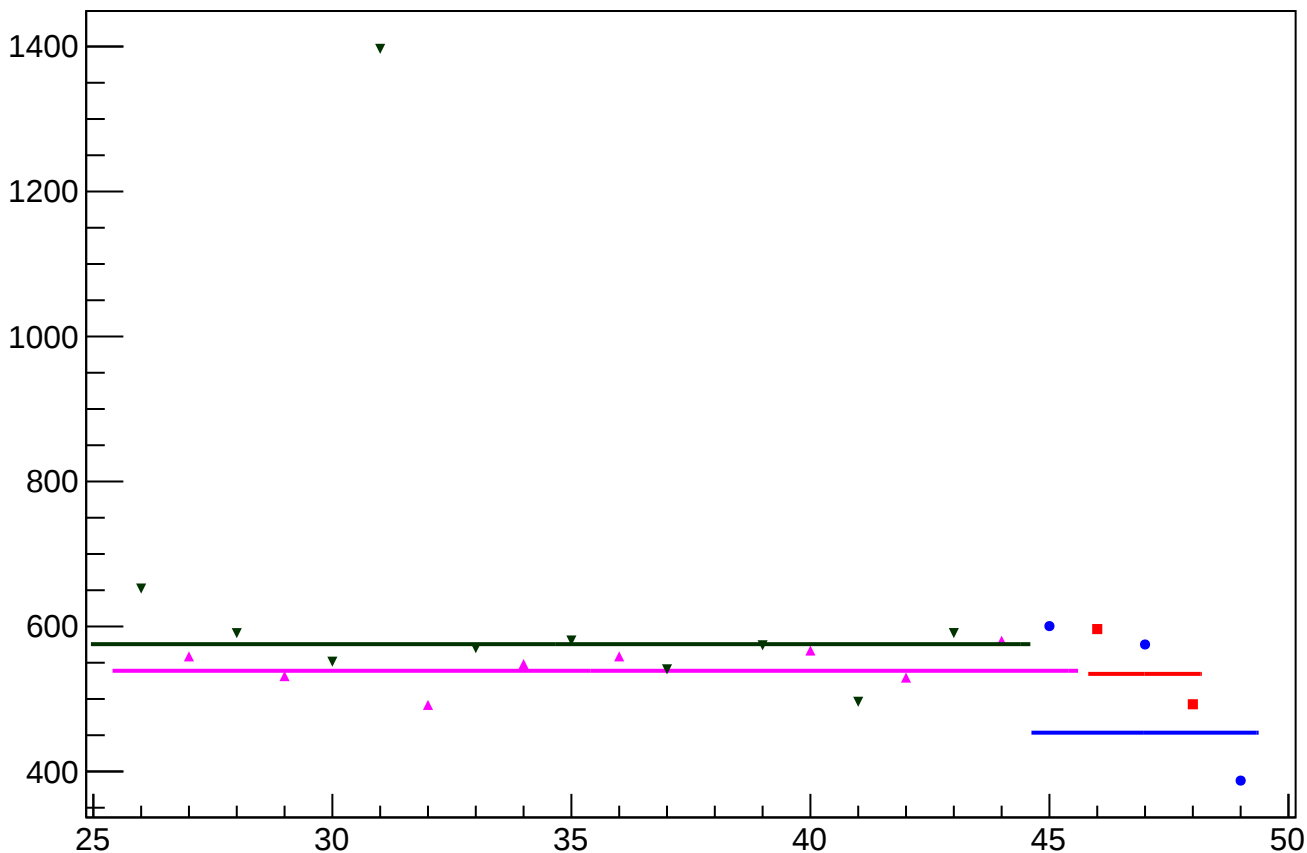
Right Out: 87.242 $\pm$ 582.082 χ^2 /NDF: 3.4/1

Left In: 141.414 $\pm$ 240.490 χ^2 /NDF: 8.0/7

49.873 $\pm$ 202.609 χ^2 /NDF: 8.2/12

133.516 $\pm$ 222.267 χ^2 /NDF: 11.4/9

asym_atr1l2_dd_rms vs slug



Right In: 453.511+/-0.233 χ^2/NDF : 166943.0/2

Left Out: 575.614+/-0.182 χ^2/NDF : 304506.5/9

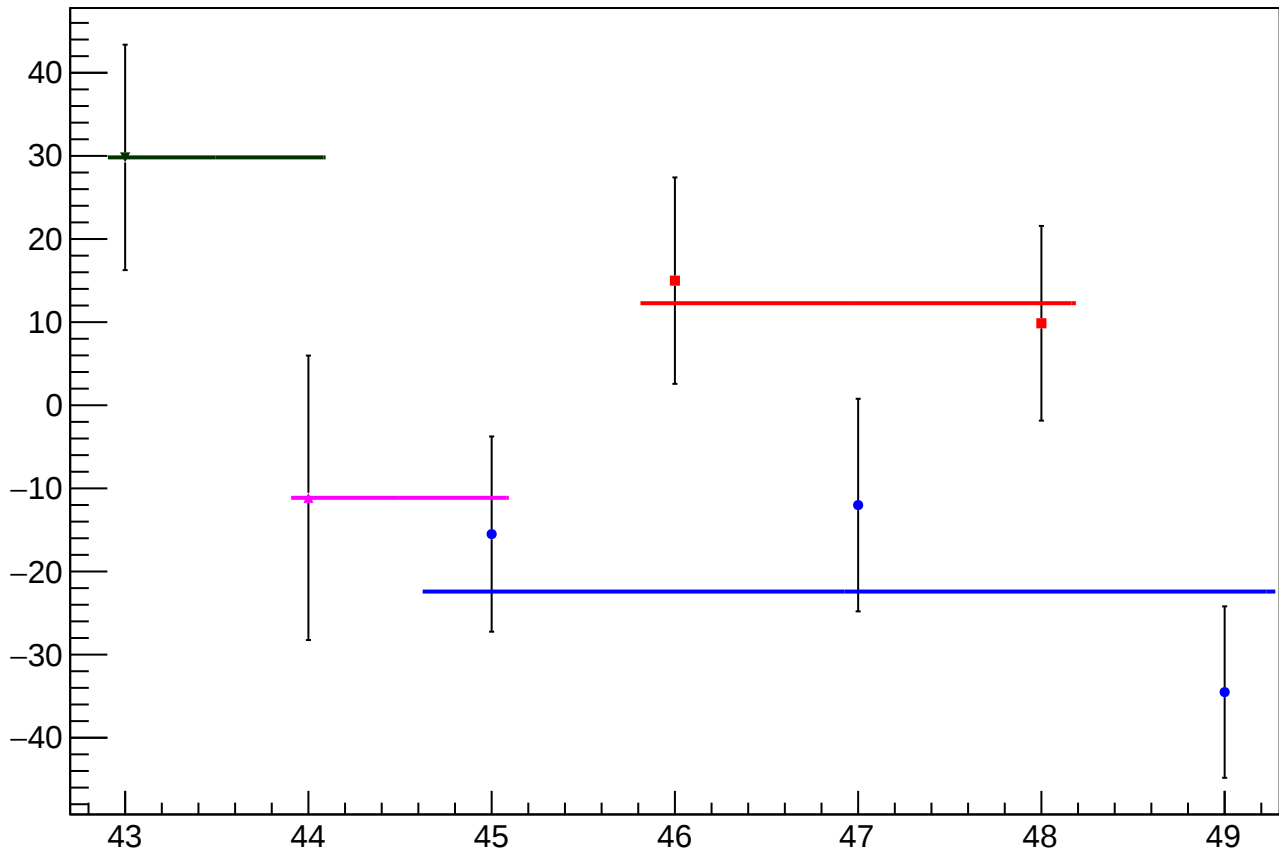
Right Out: 534.605+/-0.412 χ^2/NDF : 15295.9/1

Left In: 538.892+/-0.170 χ^2/NDF : 27749.5/7

529.331+/-0.143 χ^2/NDF : 642418.1/12

538.267+/-0.157 χ^2/NDF : 43138.1/9

diff_bpm0l01X_mean vs slug



Right In: -22.413 $\pm$ 6.627 χ^2 /NDF: 2.4/2

Left Out: 29.821 $\pm$ 13.561 χ^2 /NDF: 0.0/0

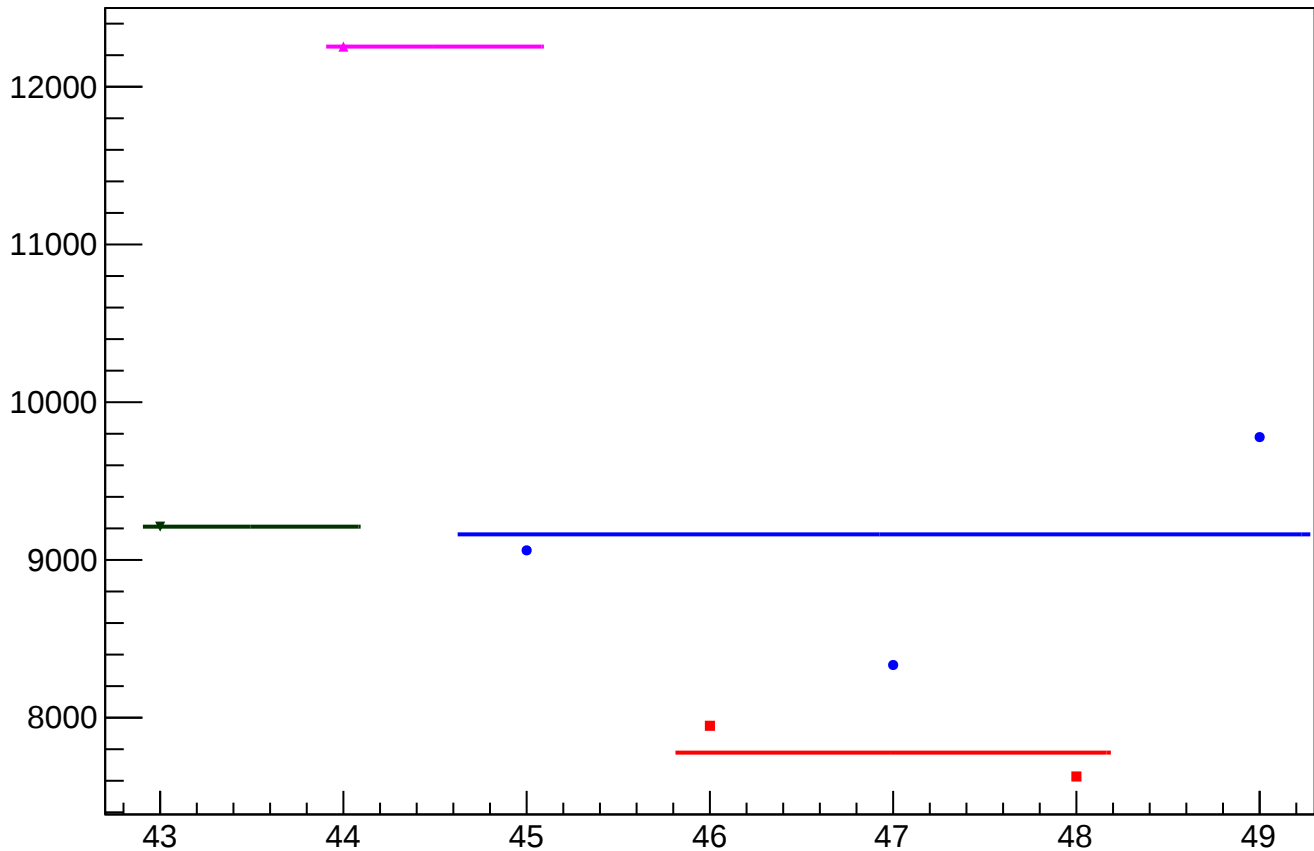
Right Out: 12.279 $\pm$ 8.520 χ^2 /NDF: 0.1/1

Left In: -11.136 $\pm$ 17.113 χ^2 /NDF: 0.0/0

-12.344 $\pm$ 5.954 χ^2 /NDF: 14.4/3

7.628 $\pm$ 7.627 χ^2 /NDF: 1.6/2

diff_bpm0l01X_rms vs slug



Right In: 9162.210+/-4.686 χ^2/NDF : 15688.8/2

Left Out: 9211.048+/-9.589 χ^2/NDF : 0.0/0

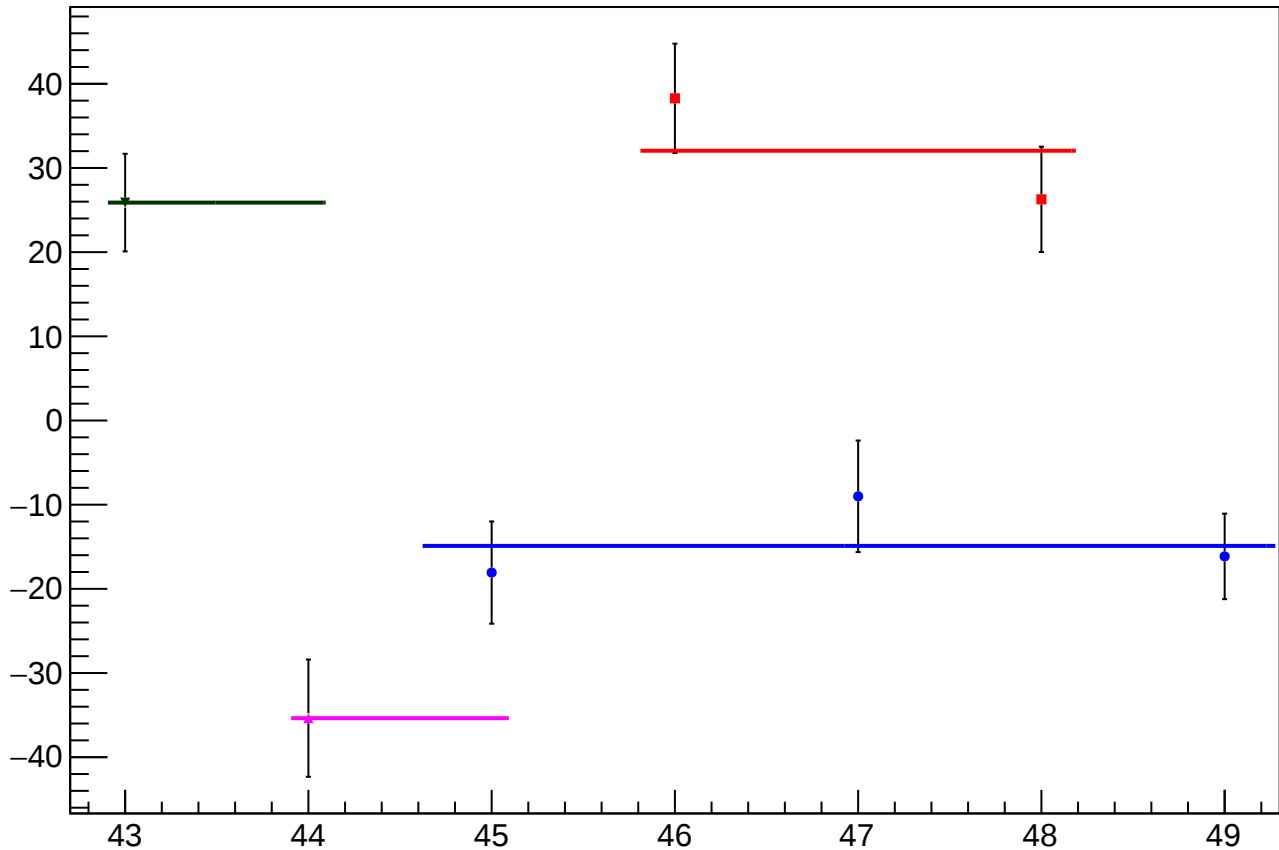
Right Out: 7778.521+/-6.024 χ^2/NDF : 709.6/1

Left In: 12254.628+/-12.101 χ^2/NDF : 0.0/0

9171.625+/-4.210 χ^2/NDF : 15709.7/3

8667.570+/-5.393 χ^2/NDF : 110361.5/2

diff_bpm0l01Y_mean vs slug



Right In: -14.897 $\pm$ 3.359 χ^2 /NDF: 1.1/2

Left Out: 25.888 $\pm$ 5.797 χ^2 /NDF: 0.0/0

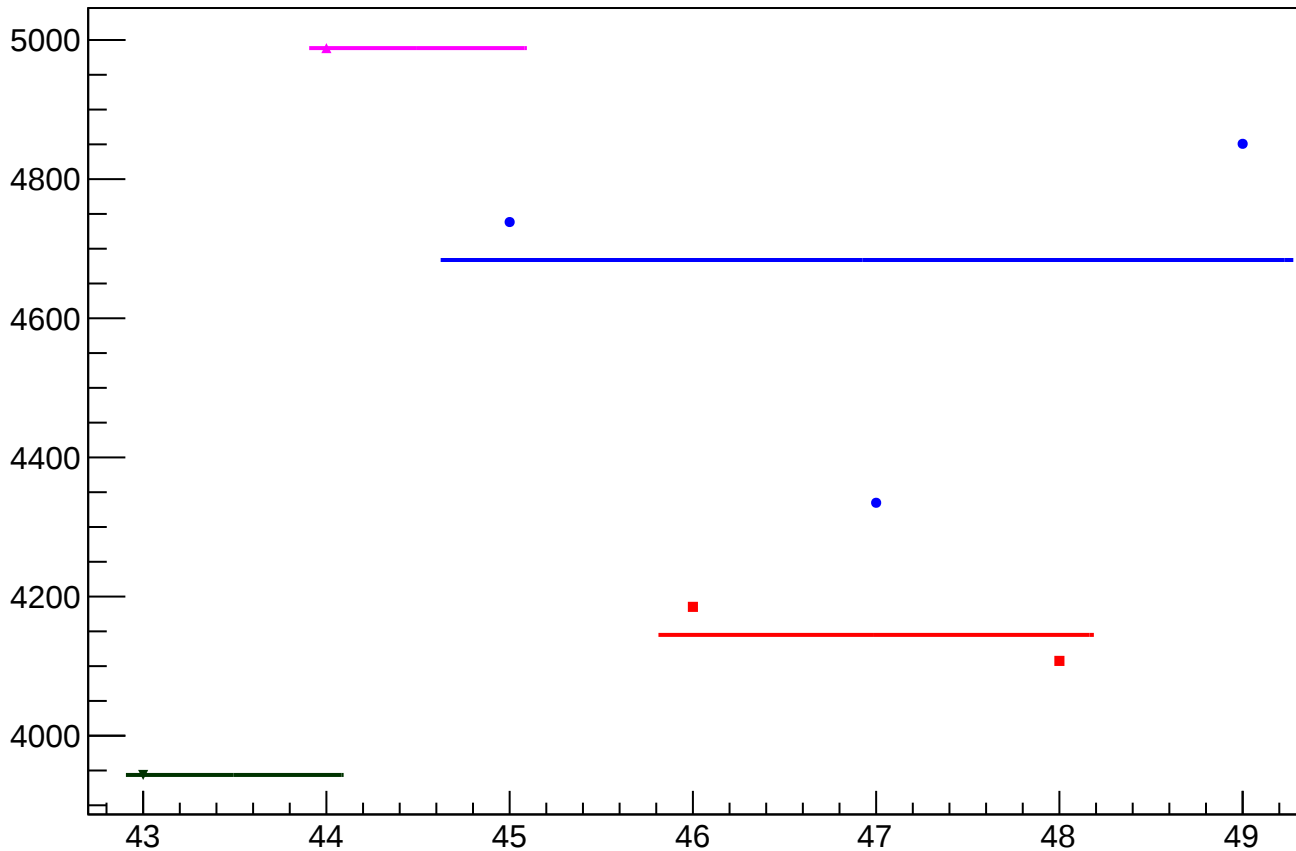
Right Out: 32.050 $\pm$ 4.505 χ^2 /NDF: 1.8/1

Left In: -35.362 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-4.646 $\pm$ 2.906 χ^2 /NDF: 38.2/3

12.171 $\pm$ 3.783 χ^2 /NDF: 67.8/2

diff_bpm0l01Y_rms vs slug



Right In: 4683.773+/-2.375 χ^2/NDF : 7869.9/2

Left Out: 3943.608+/-4.099 χ^2/NDF : 0.0/0

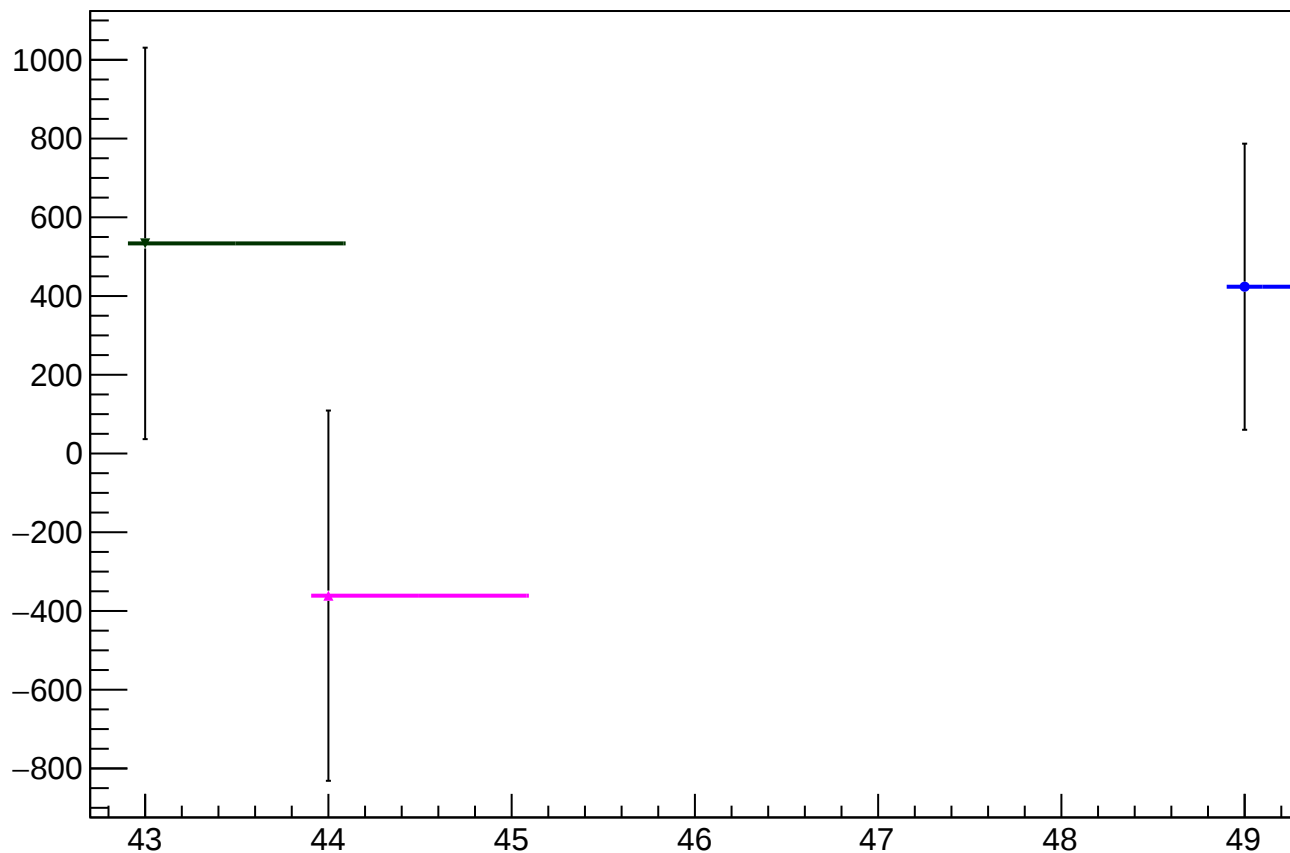
Right Out: 4144.916+/-3.186 χ^2/NDF : 148.4/1

Left In: 4988.357+/-4.926 χ^2/NDF : 0.0/0

4497.722+/-2.055 χ^2/NDF : 32278.5/3

4393.636+/-2.675 χ^2/NDF : 20819.2/2

asym_ds_agg_av_mean vs slug



Right In: 423.659+/-363.389 χ^2/NDF : 0.0/0

Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

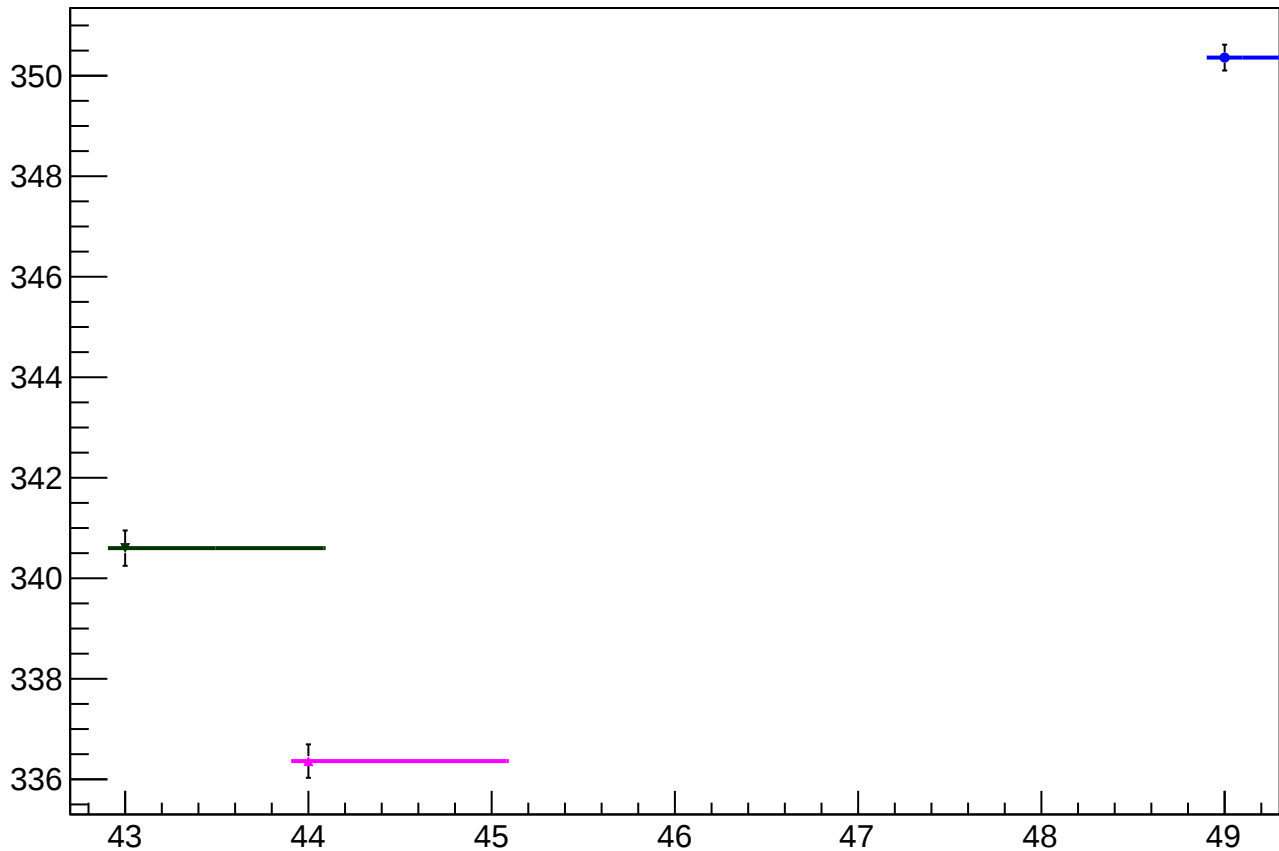
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

461.976+/-293.380 χ^2/NDF : 0.0/1

-361.123+/-470.256 χ^2/NDF : 0.0/0

asym_ds_agg_av_rms vs slug



Right In: 350.361 $\pm$ 0.257 χ^2 /NDF: 0.0/0

Left Out: 340.600 $\pm$ 0.352 χ^2 /NDF: 0.0/0

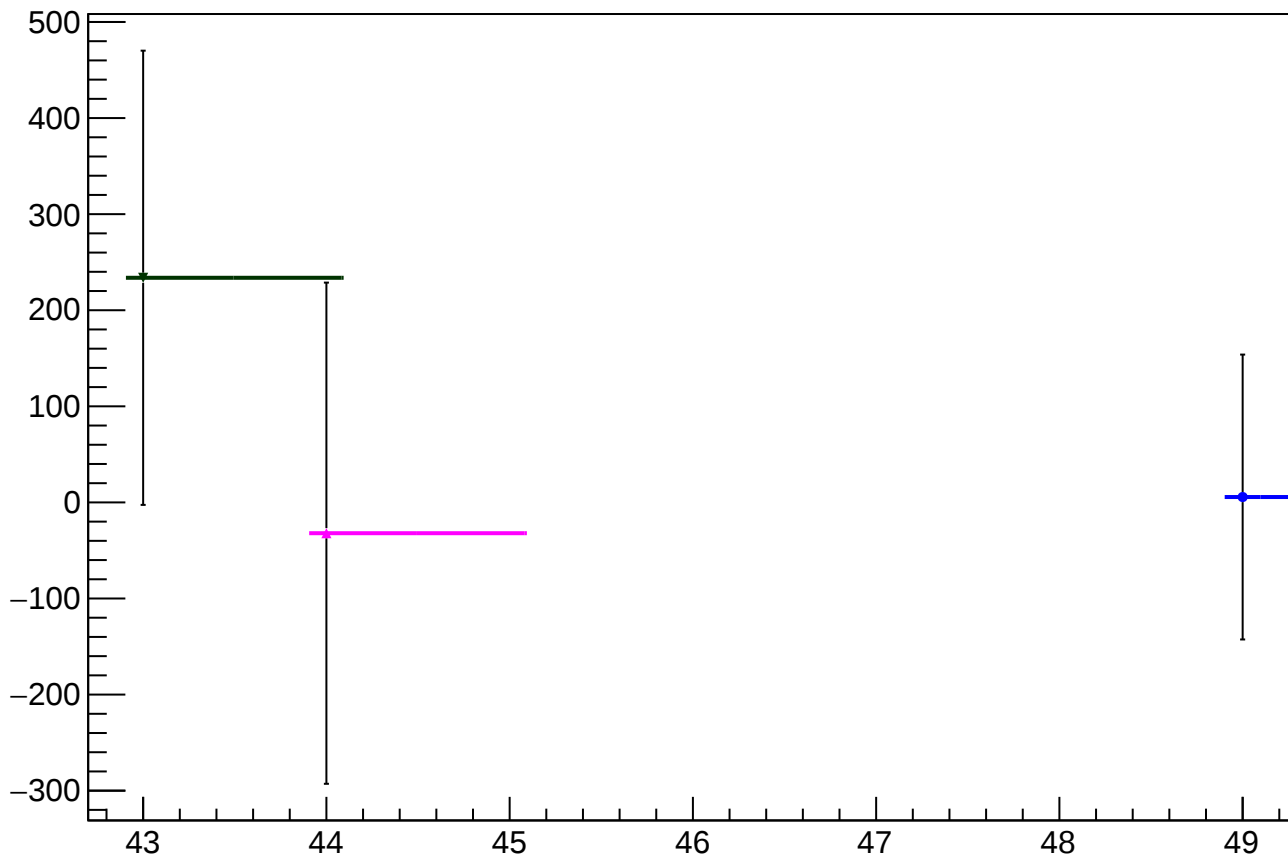
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 336.363 $\pm$ 0.333 χ^2 /NDF: 0.0/0

346.962 $\pm$ 0.207 χ^2 /NDF: 502.4/1

336.363 $\pm$ 0.333 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 5.603 $\pm$ 148.246 χ^2 /NDF: 0.0/0

Left Out: 233.776 $\pm$ 236.364 χ^2 /NDF: 0.0/0

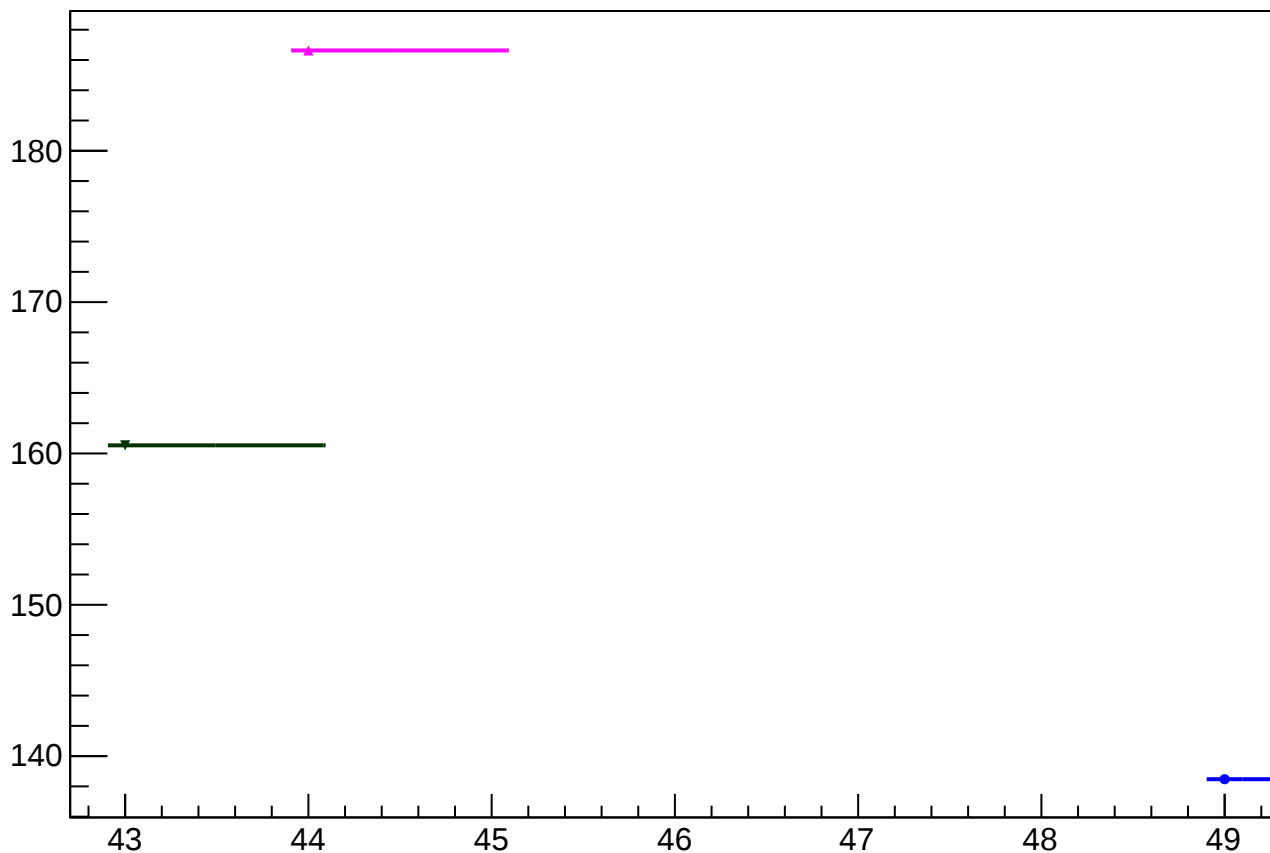
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -32.051 $\pm$ 260.803 χ^2 /NDF: 0.0/0

70.020 $\pm$ 125.588 χ^2 /NDF: 0.7/1

-32.051 $\pm$ 260.803 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 138.475 $\pm$ 0.105 χ^2 /NDF: 0.0/0

Left Out: 160.536 $\pm$ 0.167 χ^2 /NDF: 0.0/0

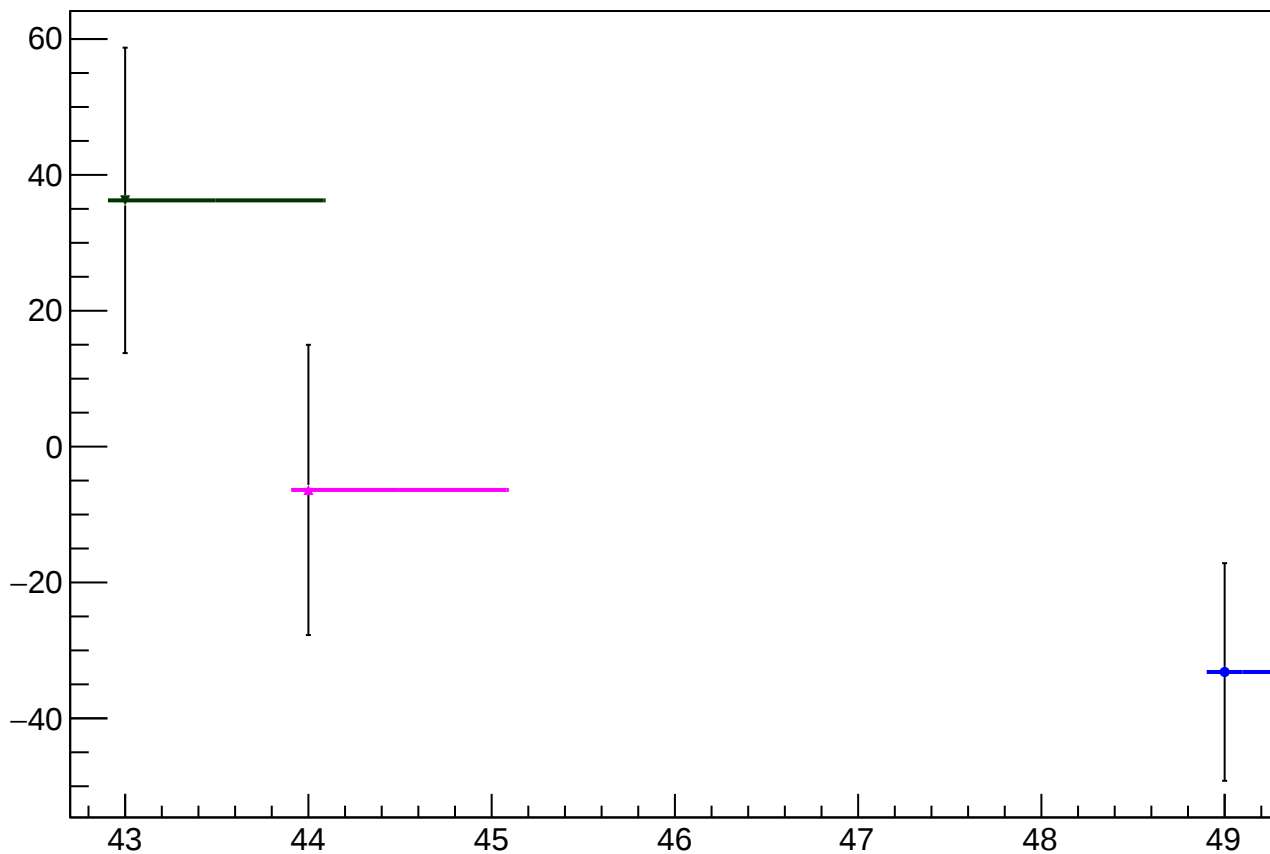
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 186.629 $\pm$ 0.184 χ^2 /NDF: 0.0/0

144.703 $\pm$ 0.089 χ^2 /NDF: 12504.8/1

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: -33.177 $\pm$ 16.020 χ^2 /NDF: 0.0/0

Left Out: 36.249 $\pm$ 22.481 χ^2 /NDF: 0.0/0

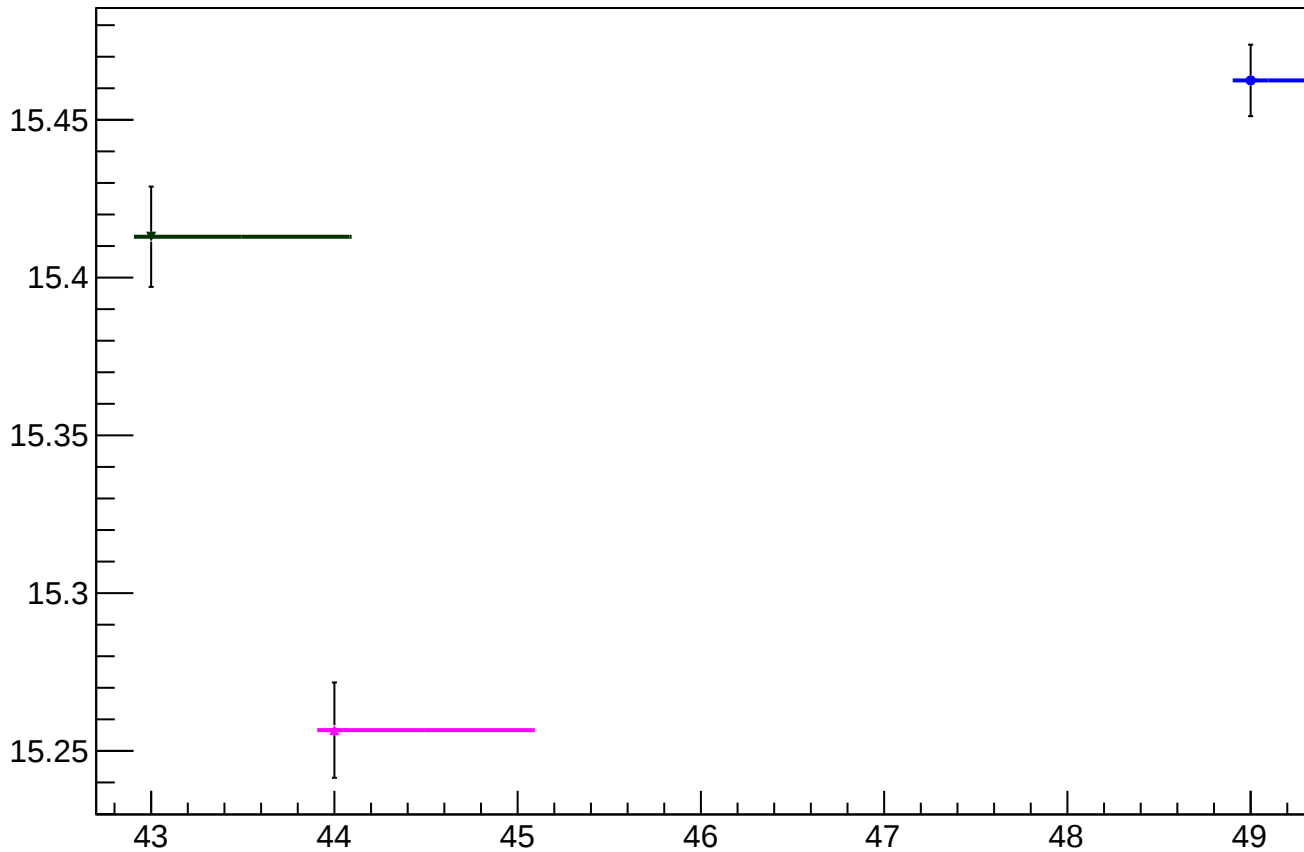
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.377 $\pm$ 21.365 χ^2 /NDF: 0.0/0

-9.795 $\pm$ 13.046 χ^2 /NDF: 6.3/1

-6.377 $\pm$ 21.365 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.462 $\pm$ 0.011 χ^2 /NDF: 0.0/0

Left Out: 15.413 $\pm$ 0.016 χ^2 /NDF: 0.0/0

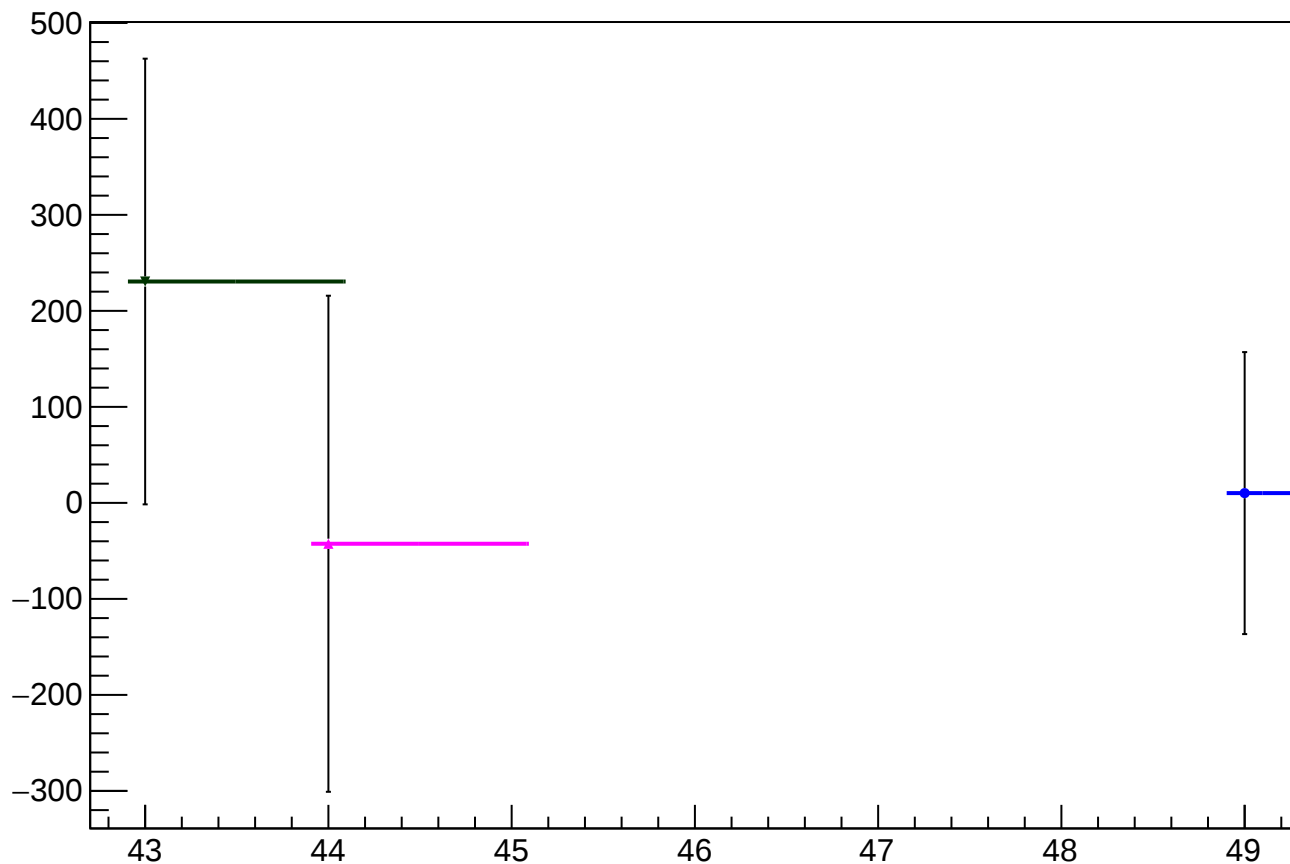
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.446 $\pm$ 0.009 χ^2 /NDF: 6.4/1

15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 10.193±/146.856 χ^2 /NDF: 0.0/0

Left Out: 230.569±/232.106 χ^2 /NDF:0.0/0

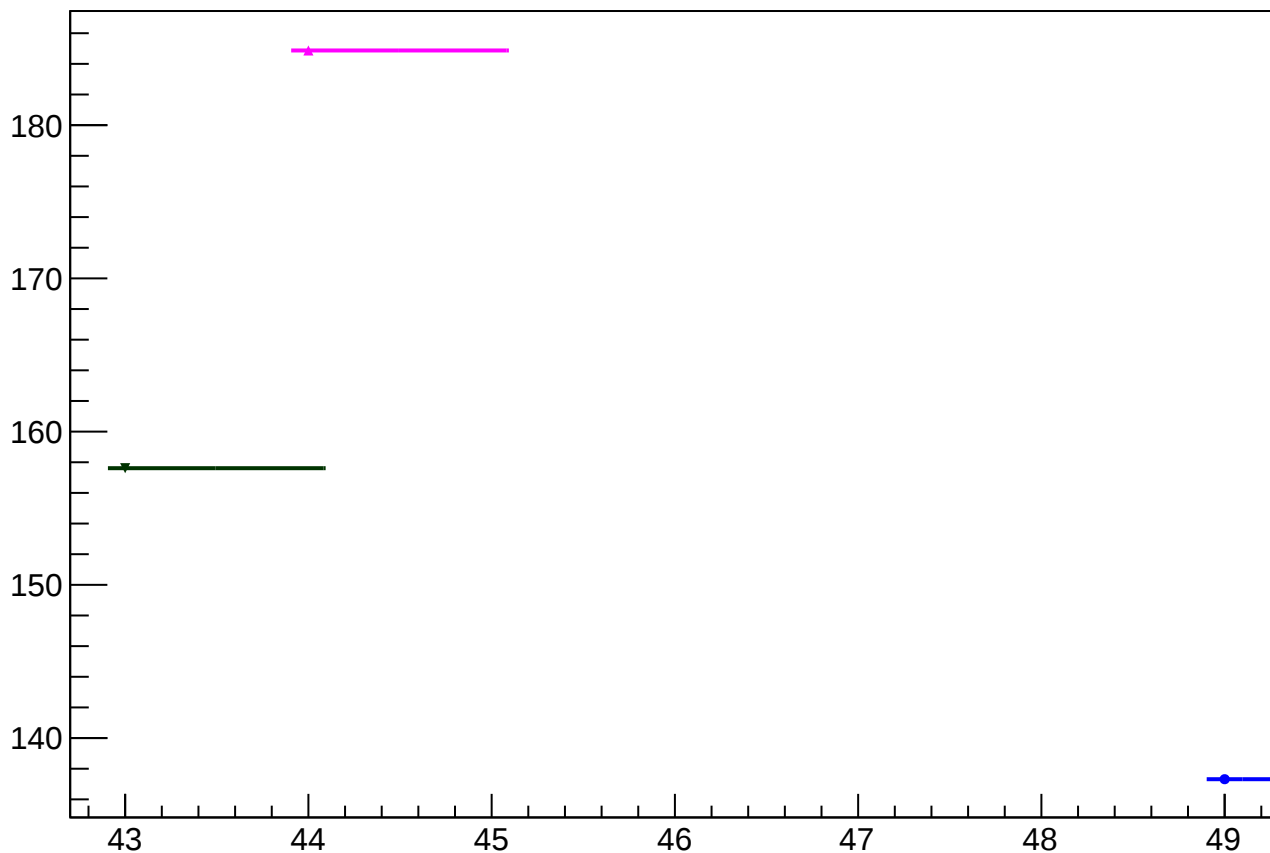
Right Out: 0.000±/0.000 χ^2 /NDF: 0.0/0

Left In: -42.573±/258.353 χ^2 /NDF:0.0/0

73.194±/124.102 χ^2 /NDF: 0.6/1

-42.573±/258.353 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 137.316 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 157.613 $\pm$ 0.164 χ^2 /NDF: 0.0/0

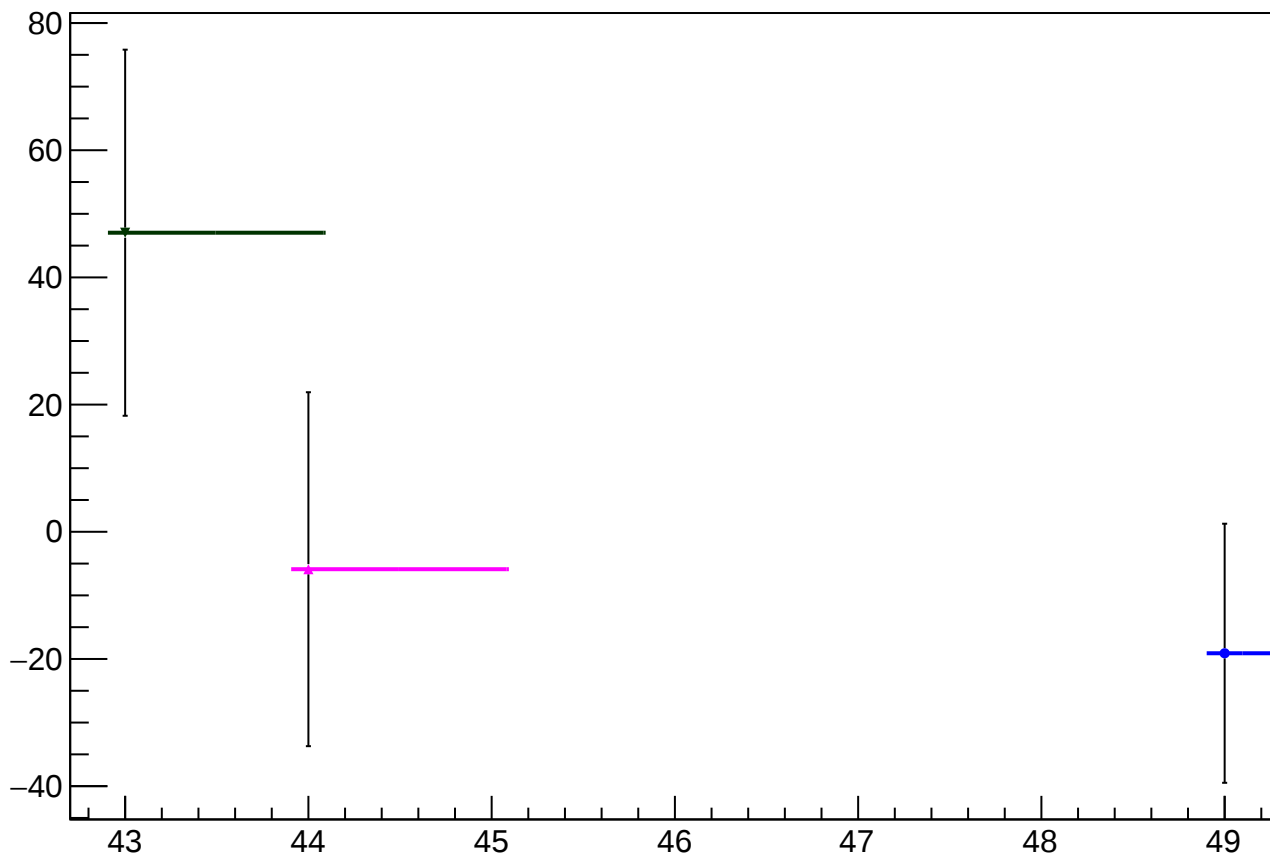
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 184.874 $\pm$ 0.183 χ^2 /NDF: 0.0/0

143.118 $\pm$ 0.088 χ^2 /NDF: 10922.1/1

184.874 $\pm$ 0.183 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -19.102±/-20.370 χ^2 /NDF: 0.0/0

Left Out: 47.028±/-28.784 χ^2 /NDF:0.0/0

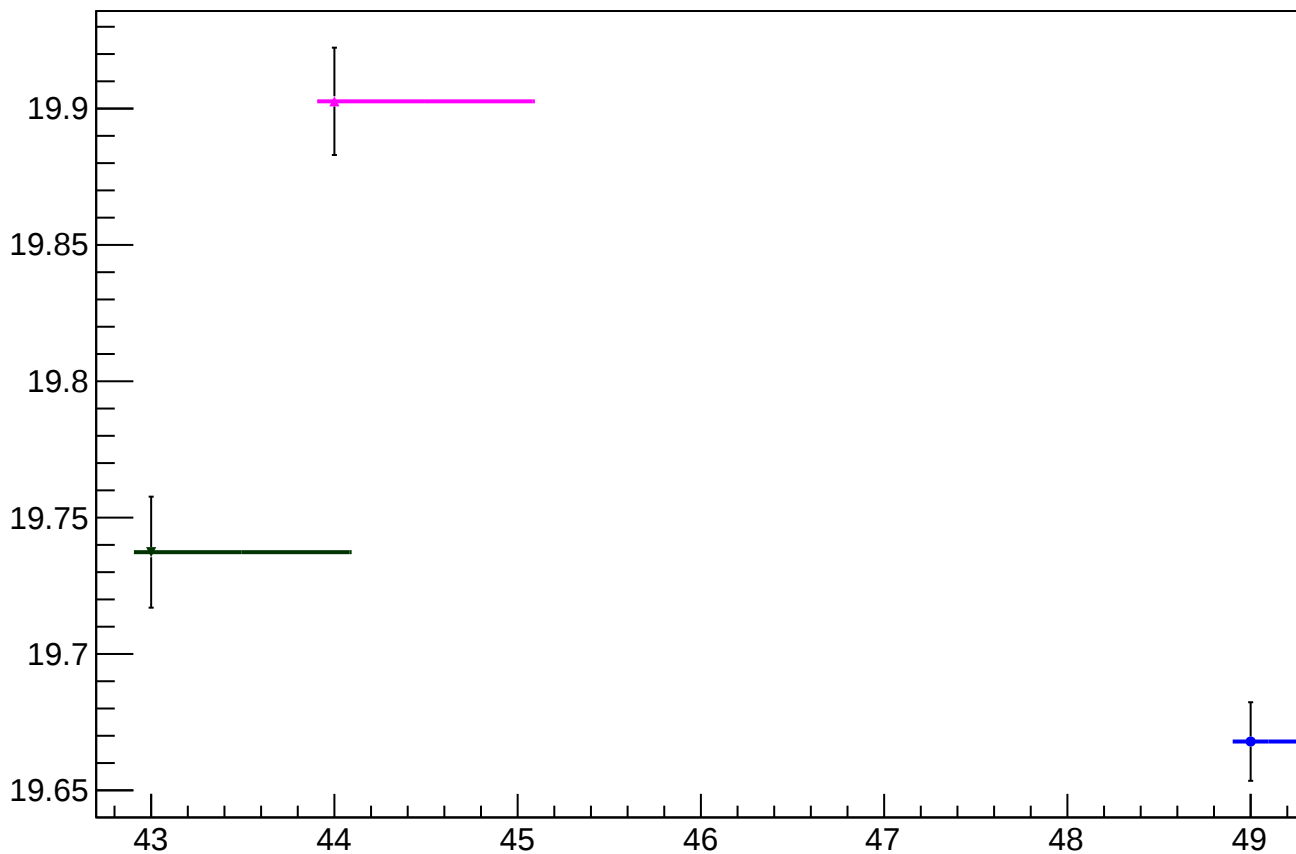
Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left In: -5.884±/-27.829 χ^2 /NDF:0.0/0

2.965±/-16.627 χ^2 /NDF: 3.5/1

-5.884±/-27.829 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.668 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left Out: 19.737 $\pm$ 0.020 χ^2 /NDF: 0.0/0

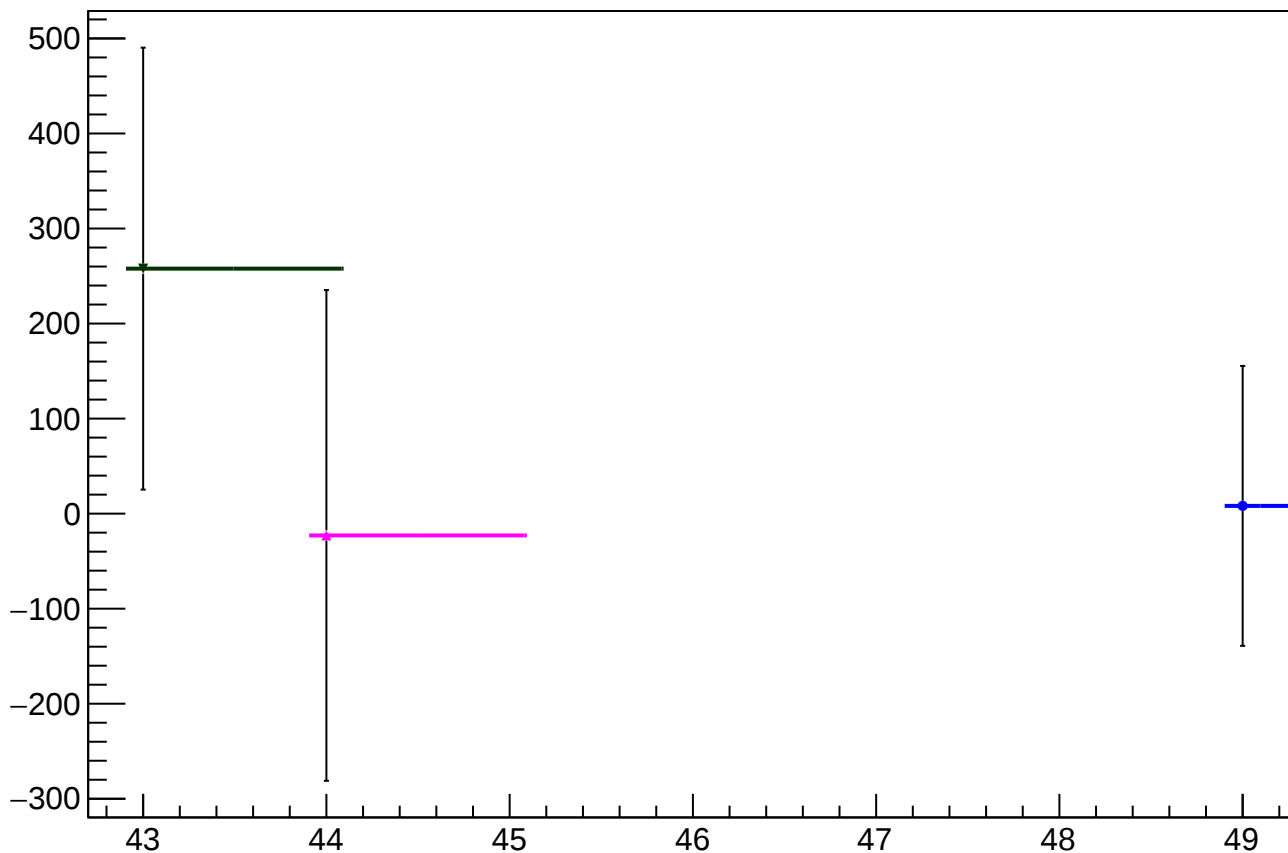
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.903 $\pm$ 0.020 χ^2 /NDF: 0.0/0

19.691 $\pm$ 0.012 χ^2 /NDF: 7.8/1

19.903 $\pm$ 0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 8.150+/-147.261 χ^2/NDF : 0.0/0

Left Out: 257.793+/-232.498 χ^2/NDF : 0.0/0

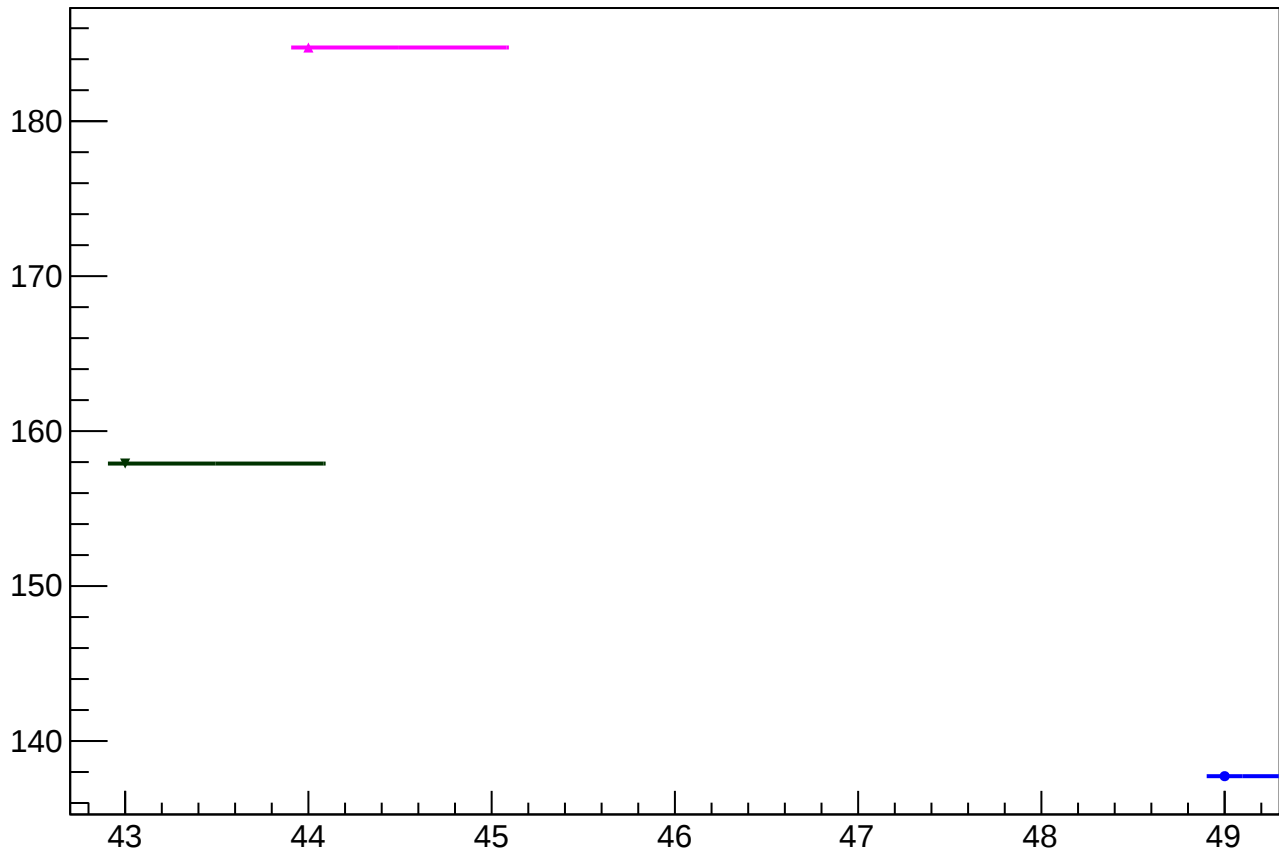
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.928+/-258.180 χ^2/NDF : 0.0/0

79.627+/-124.406 χ^2/NDF : 0.8/1

-22.928+/-258.180 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 137.730 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 157.905 $\pm$ 0.164 χ^2 /NDF: 0.0/0

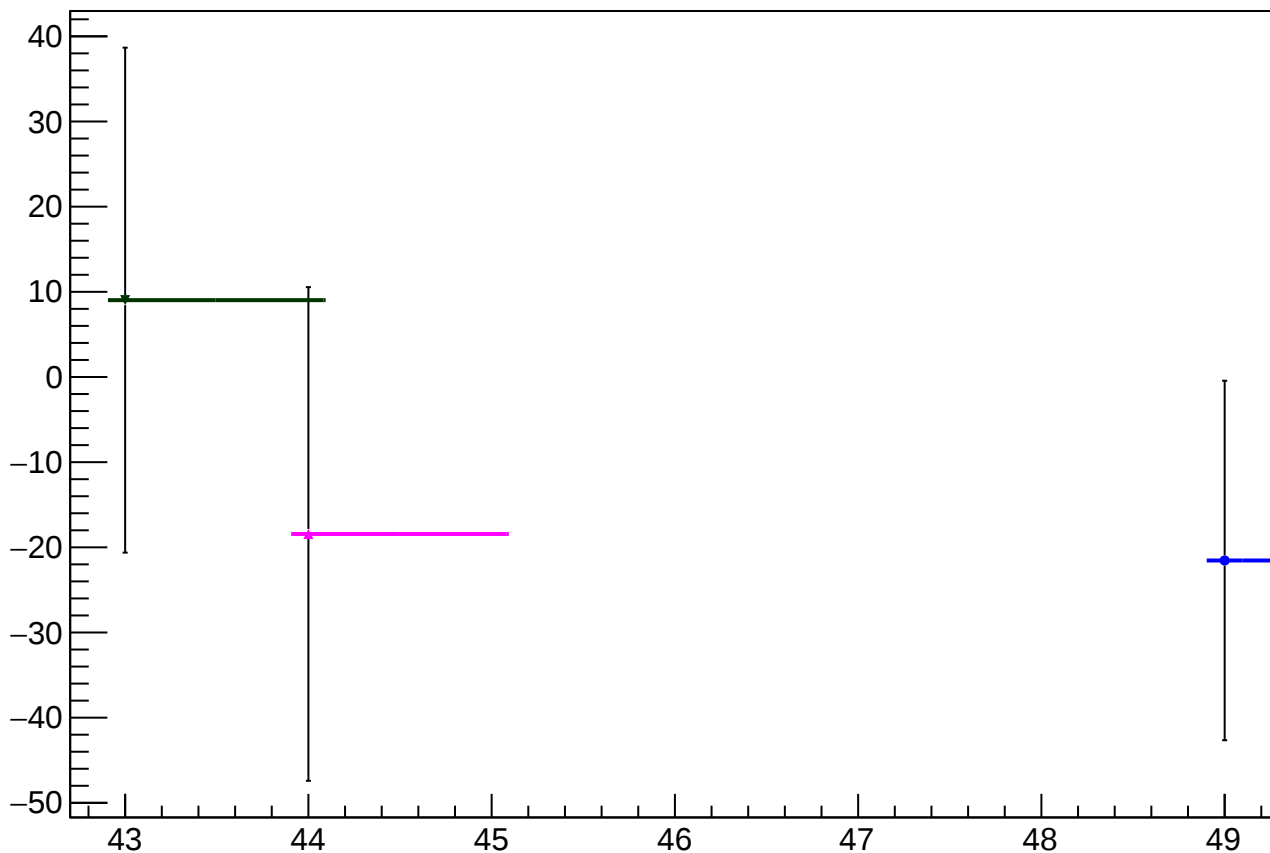
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 184.755 $\pm$ 0.183 χ^2 /NDF: 0.0/0

143.507 $\pm$ 0.088 χ^2 /NDF: 10748.0/1

184.755 $\pm$ 0.183 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -21.545 $\pm$ 21.106 χ^2 /NDF: 0.0/0

Left Out: 9.023 $\pm$ 29.646 χ^2 /NDF: 0.0/0

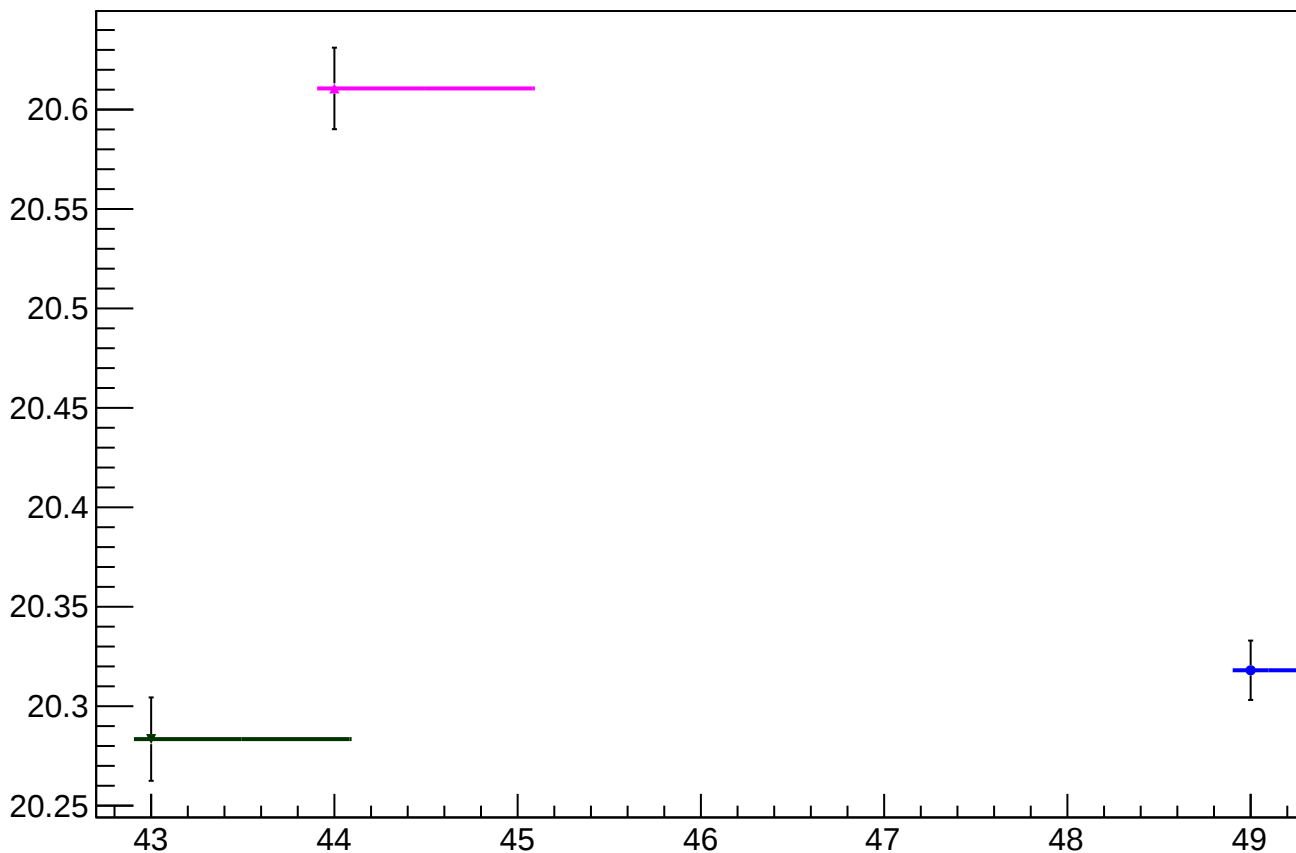
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

-11.263 $\pm$ 17.194 χ^2 /NDF: 0.7/1

-18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.318 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 20.283 $\pm$ 0.021 χ^2 /NDF: 0.0/0

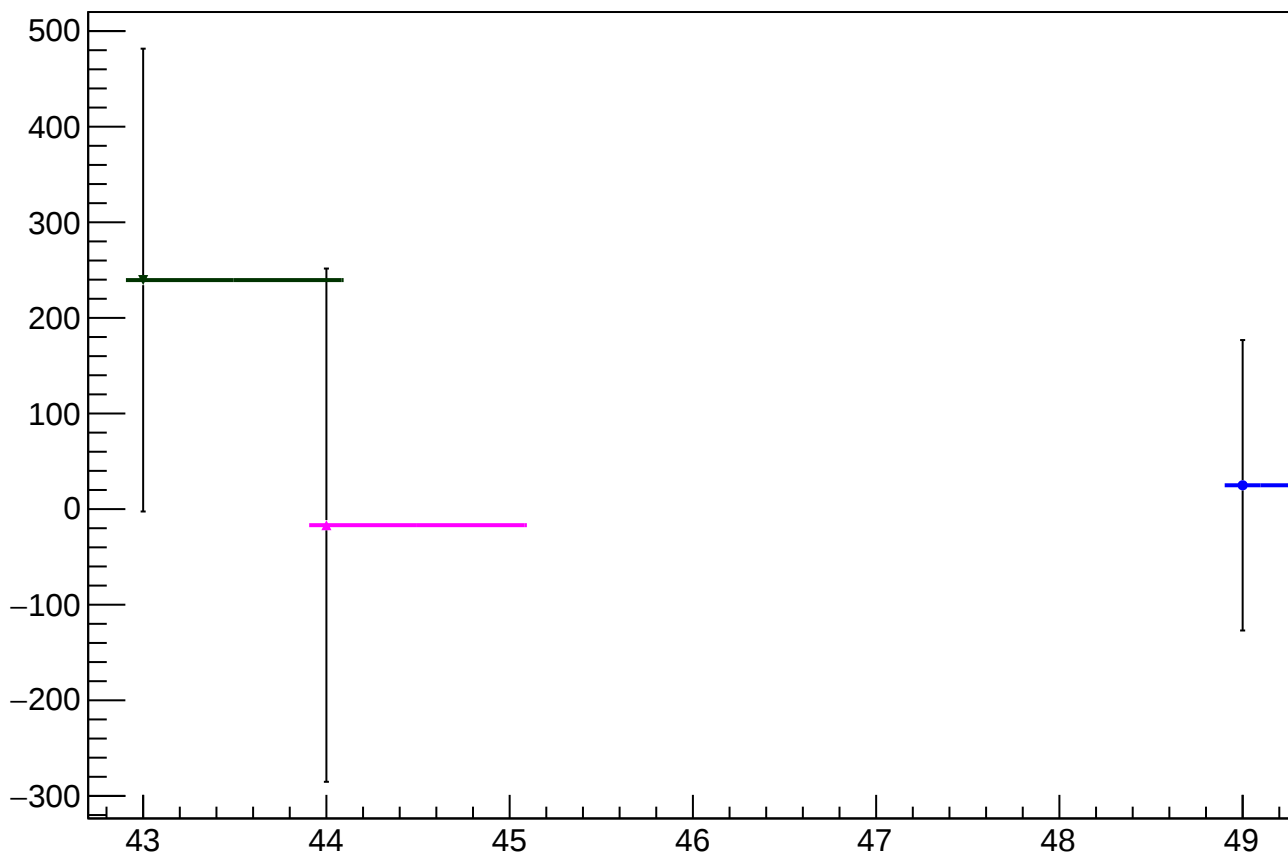
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 20.611 $\pm$ 0.020 χ^2 /NDF: 0.0/0

20.306 $\pm$ 0.012 χ^2 /NDF: 1.8/1

20.611 $\pm$ 0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 24.926 $\pm$ 151.901 χ^2 /NDF: 0.0/0

Left Out: 239.549 $\pm$ 242.055 χ^2 /NDF: 0.0/0

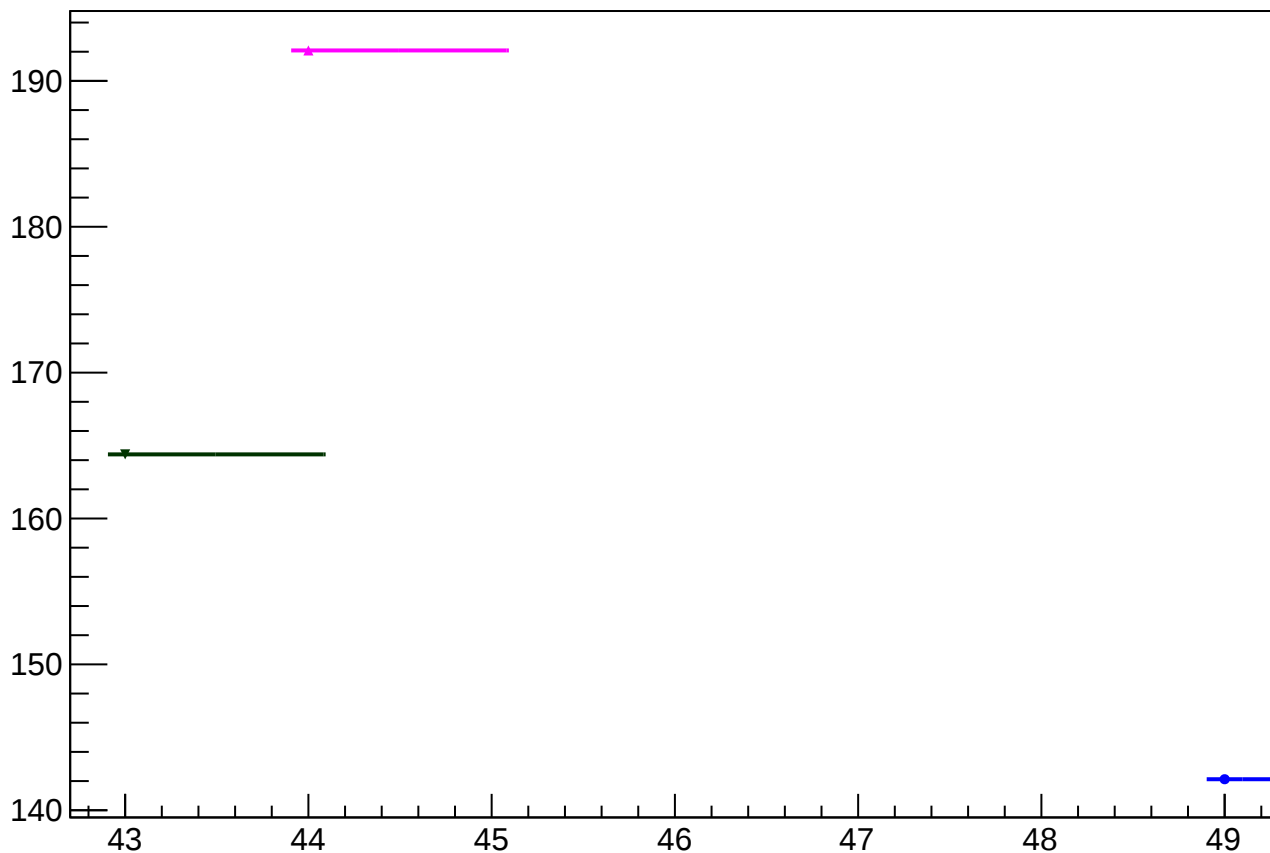
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.805 $\pm$ 268.428 χ^2 /NDF: 0.0/0

85.567 $\pm$ 128.664 χ^2 /NDF: 0.6/1

-16.805 $\pm$ 268.428 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 142.126 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Left Out: 164.396 $\pm$ 0.171 χ^2 /NDF: 0.0/0

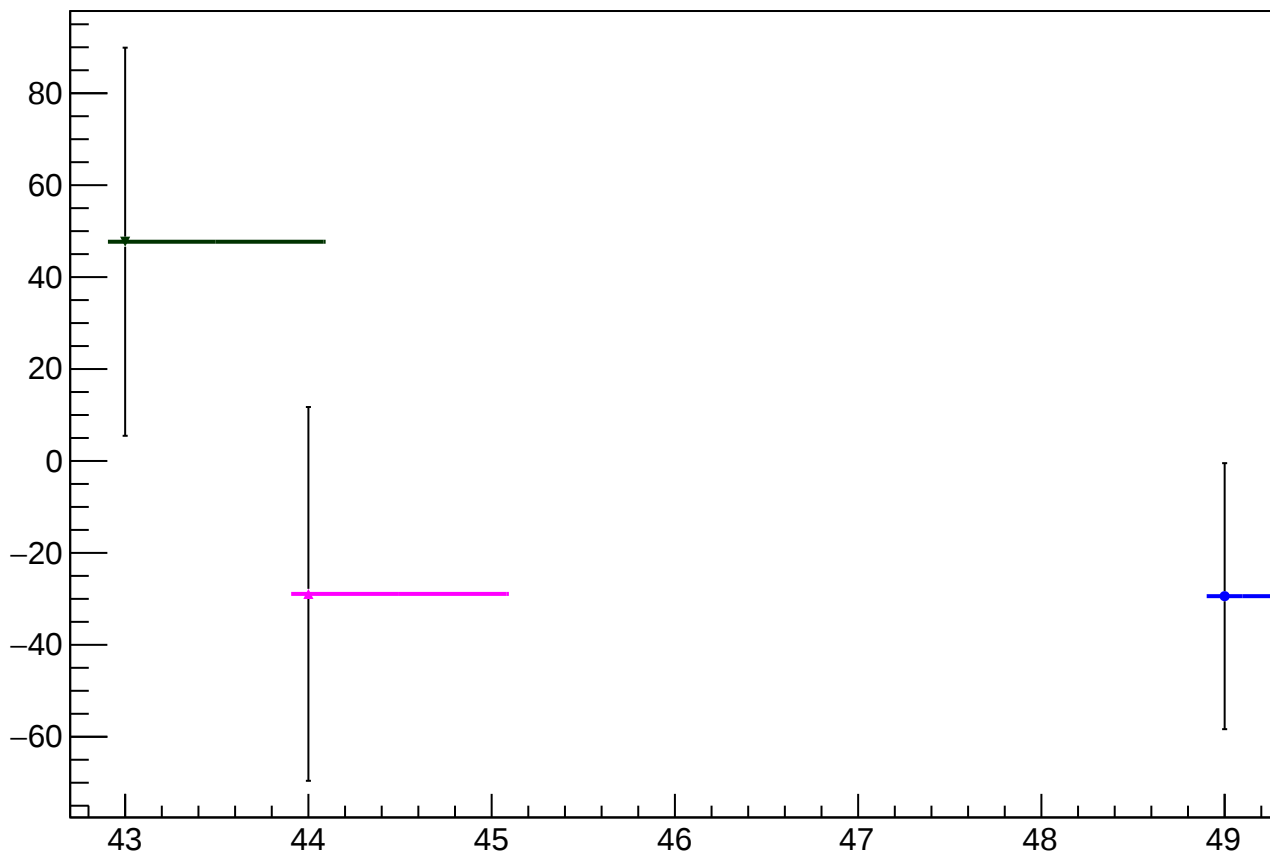
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 192.088 $\pm$ 0.190 χ^2 /NDF: 0.0/0

148.418 $\pm$ 0.091 χ^2 /NDF: 12146.3/1

192.088 $\pm$ 0.190 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -29.412 $\pm$ 28.935 χ^2 /NDF: 0.0/0

Left Out: 47.694 $\pm$ 42.218 χ^2 /NDF: 0.0/0

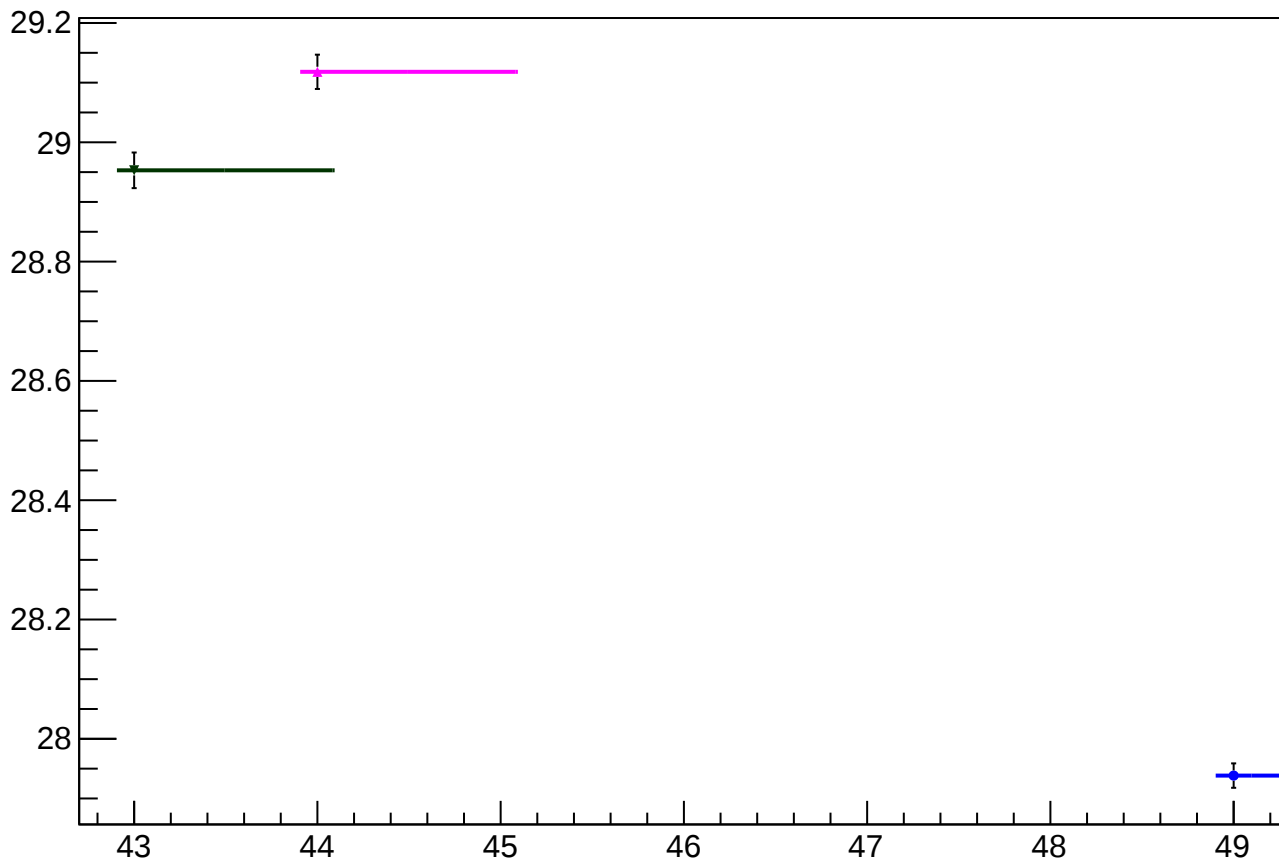
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.921 $\pm$ 40.658 χ^2 /NDF: 0.0/0

-4.768 $\pm$ 23.867 χ^2 /NDF: 2.3/1

-28.921 $\pm$ 40.658 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 27.938 $\pm$ 0.020 χ^2 /NDF: 0.0/0

Left Out: 28.953 $\pm$ 0.030 χ^2 /NDF: 0.0/0

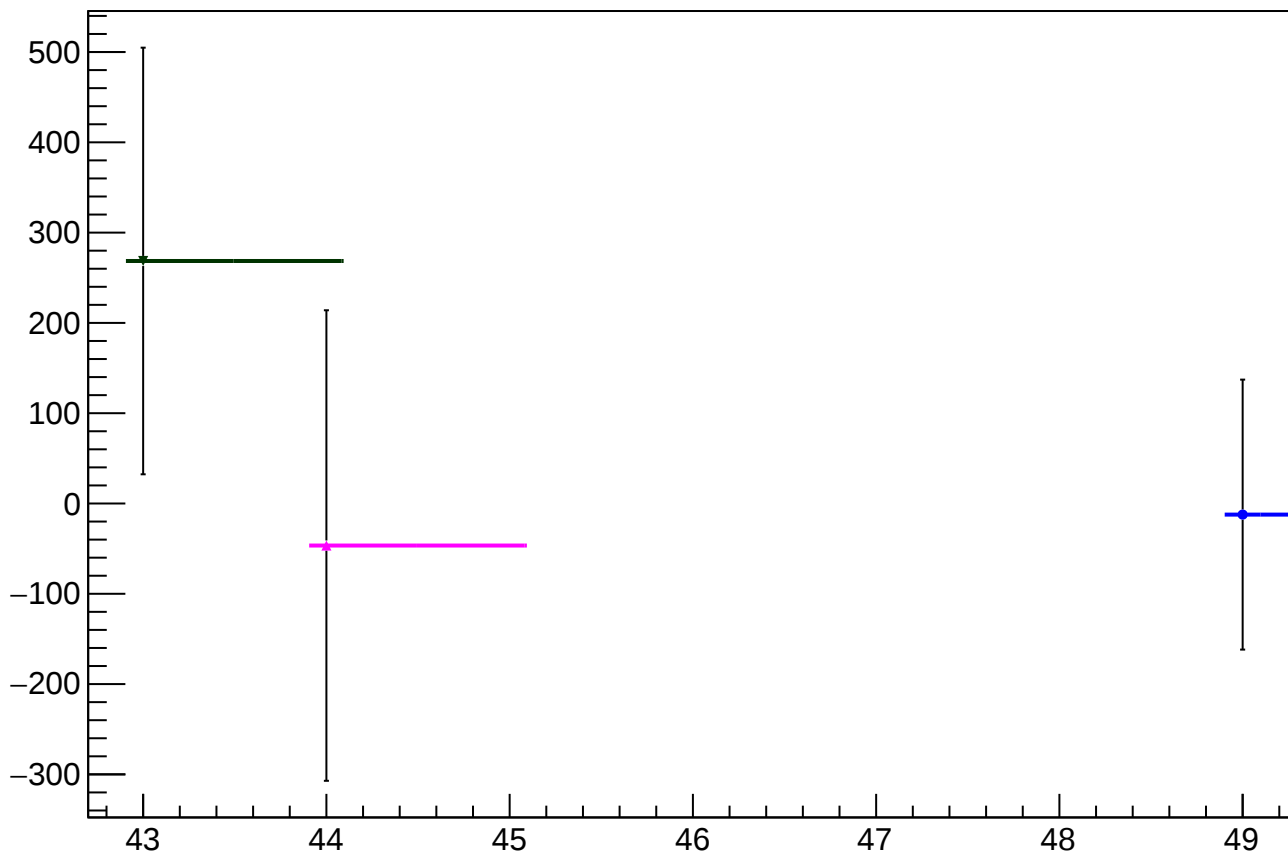
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 29.118 $\pm$ 0.029 χ^2 /NDF: 0.0/0

28.263 $\pm$ 0.017 χ^2 /NDF: 786.1/1

29.118 $\pm$ 0.029 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: -12.303+/-149.499 χ^2/NDF : 0.0/0

Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

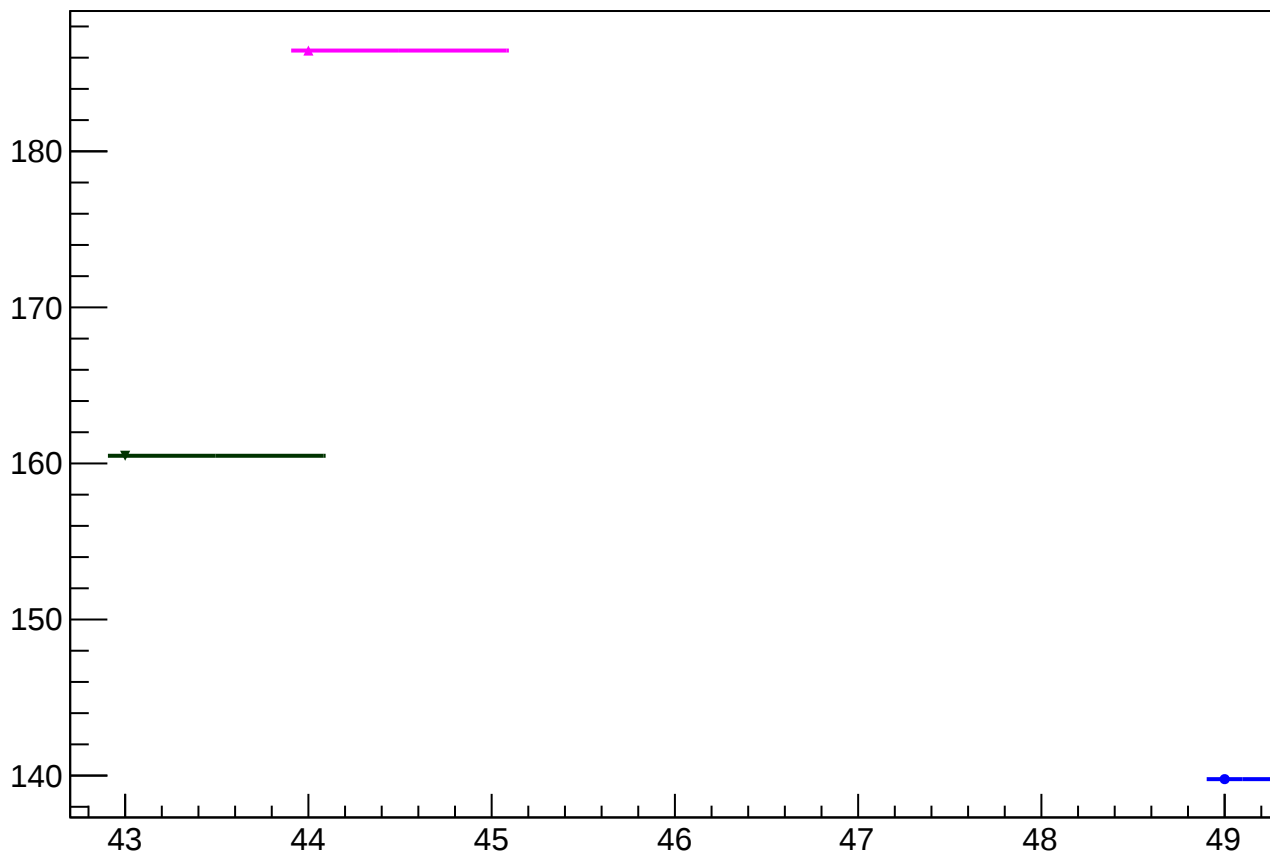
68.011+/-126.330 χ^2/NDF : 1.0/1

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: 139.771 $\pm$ 0.106 χ^2 /NDF: 0.0/0

Left Out: 160.492 $\pm$ 0.167 χ^2 /NDF: 0.0/0

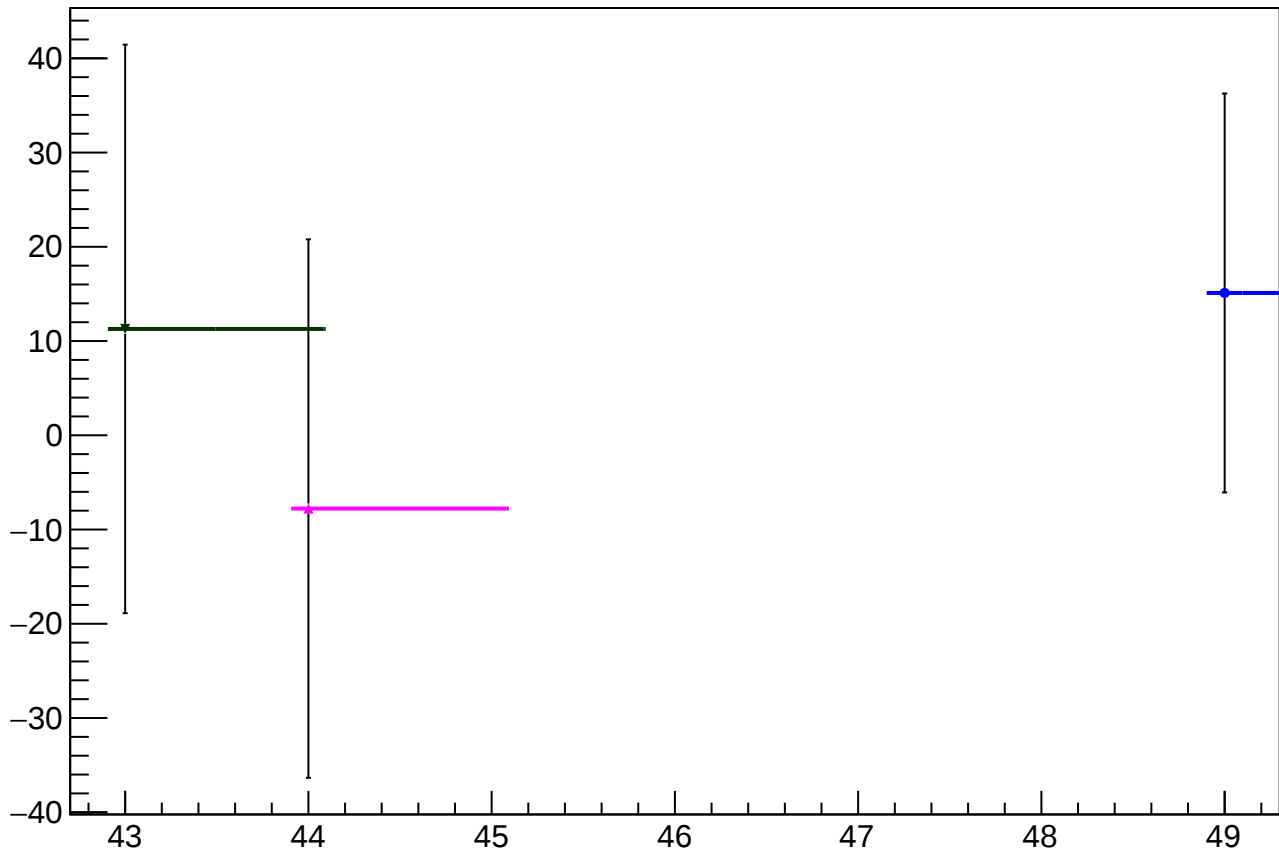
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 186.457 $\pm$ 0.184 χ^2 /NDF: 0.0/0

145.696 $\pm$ 0.089 χ^2 /NDF: 10985.6/1

186.457 $\pm$ 0.184 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 15.105+/-21.164 χ^2/NDF : 0.0/0

Left Out: 11.285+/-30.163 χ^2/NDF : 0.0/0

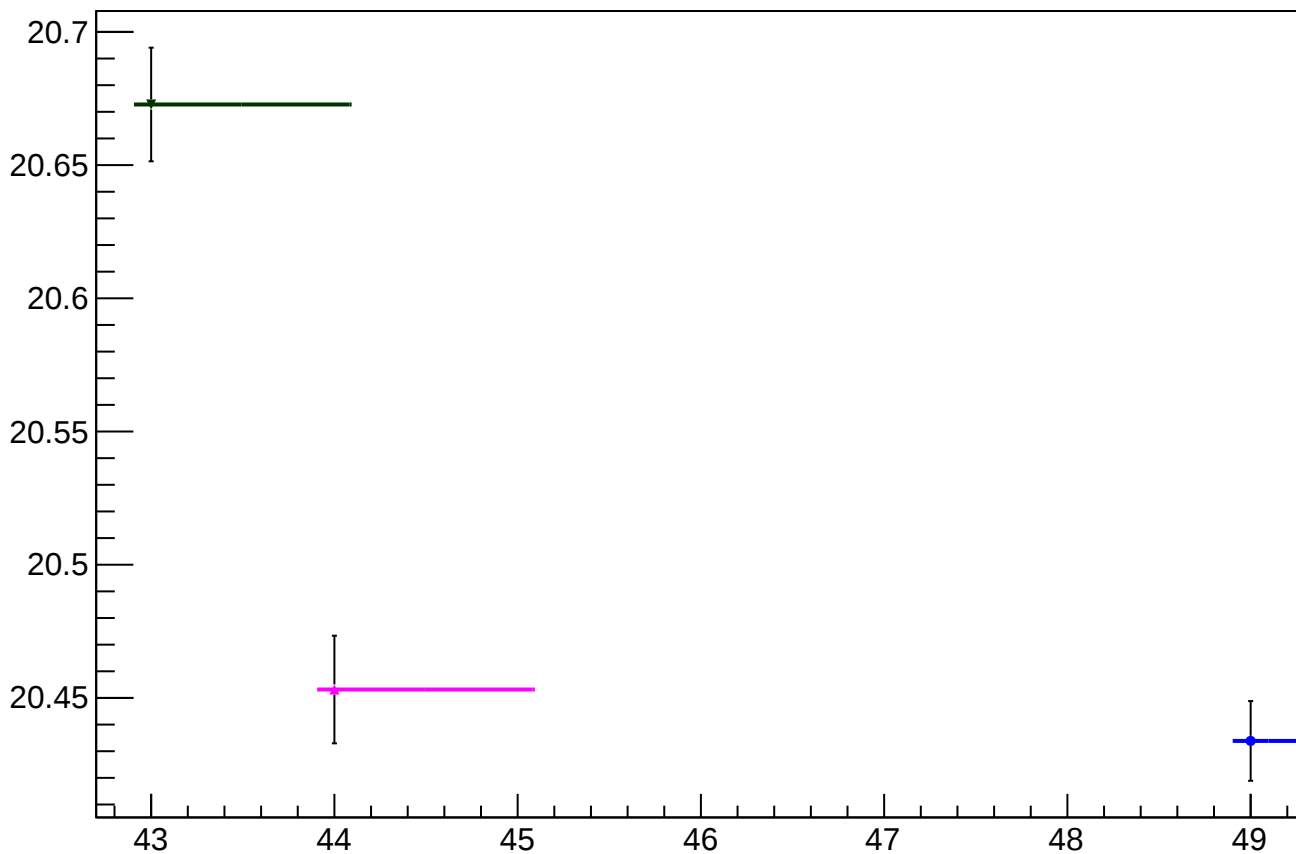
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.775+/-28.568 χ^2/NDF : 0.0/0

13.845+/-17.325 χ^2/NDF : 0.0/1

-7.775+/-28.568 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.434+/-0.015 χ^2 /NDF: 0.0/0

Left Out: 20.673+/-0.021 χ^2 /NDF: 0.0/0

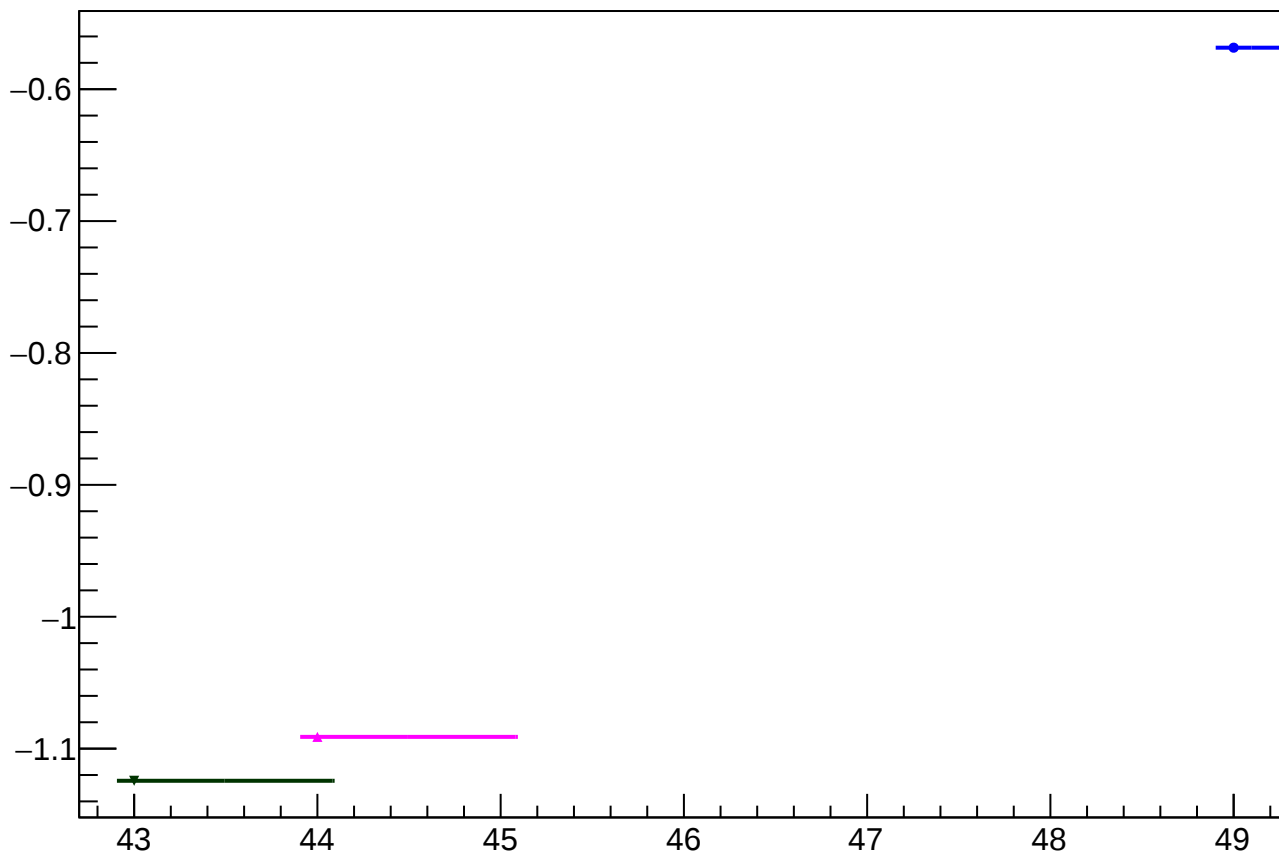
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 20.453+/-0.020 χ^2 /NDF: 0.0/0

20.513+/-0.012 χ^2 /NDF: 84.1/1

20.453+/-0.020 χ^2 /NDF: 0.0/0

yield_bpm0l01X_mean vs slug



Right In: -0.569+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -1.124+/-0.000 χ^2 /NDF: 0.0/0

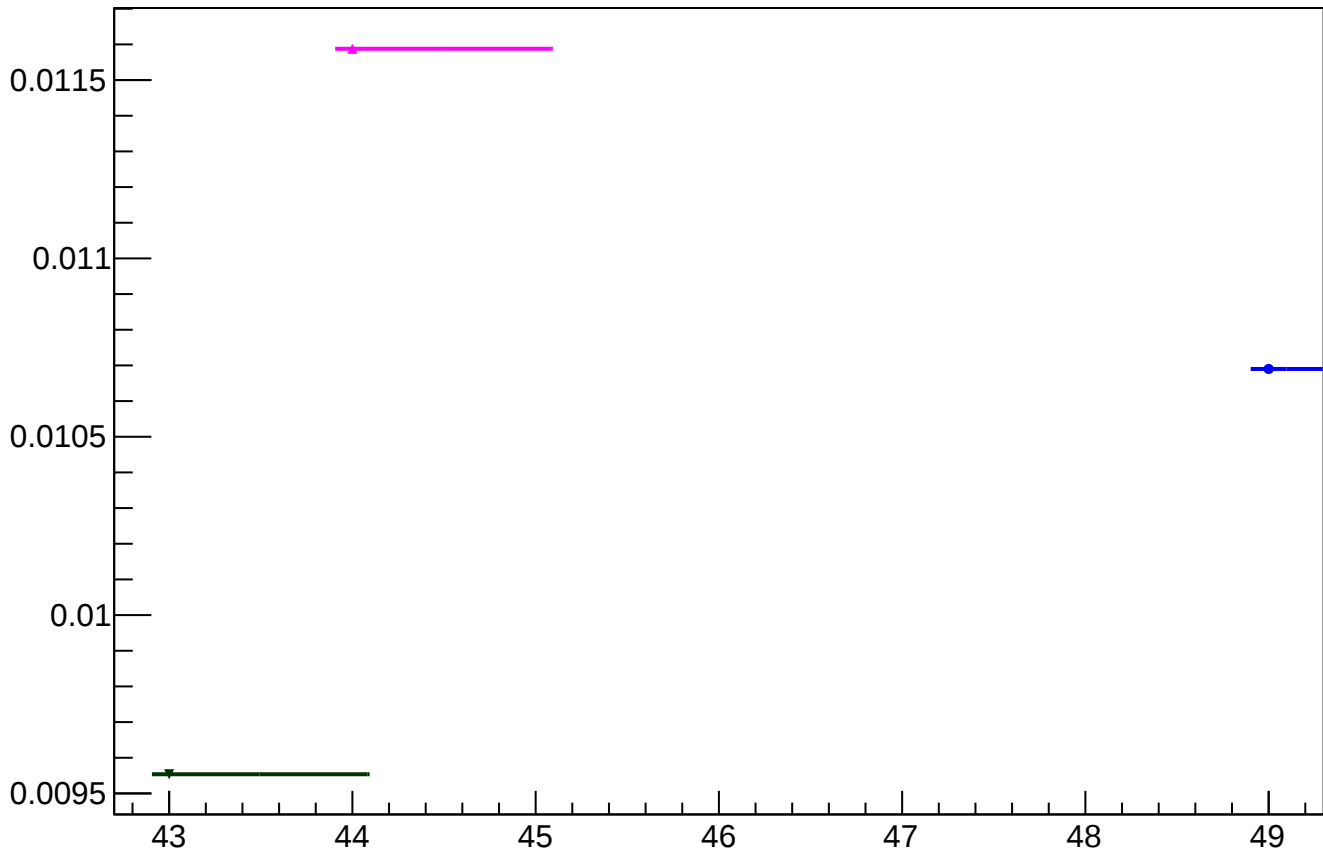
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -1.091+/-0.000 χ^2 /NDF: 0.0/0

-0.785+/-0.000 χ^2 /NDF: 952600300.1/1

-1.091+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 0.0/0

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

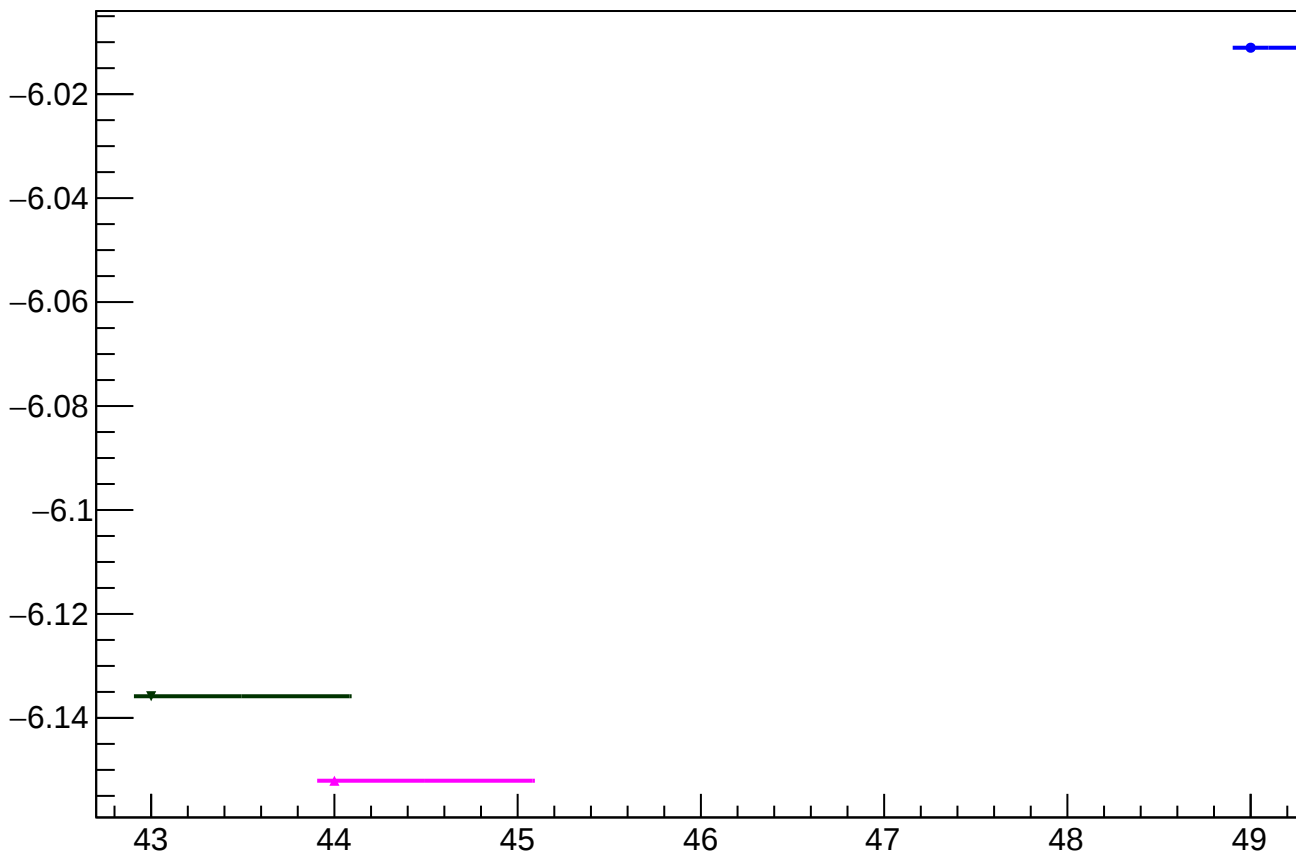
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 7961.1/1

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



Right In: -6.011+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -6.136+/-0.000 χ^2 /NDF: 0.0/0

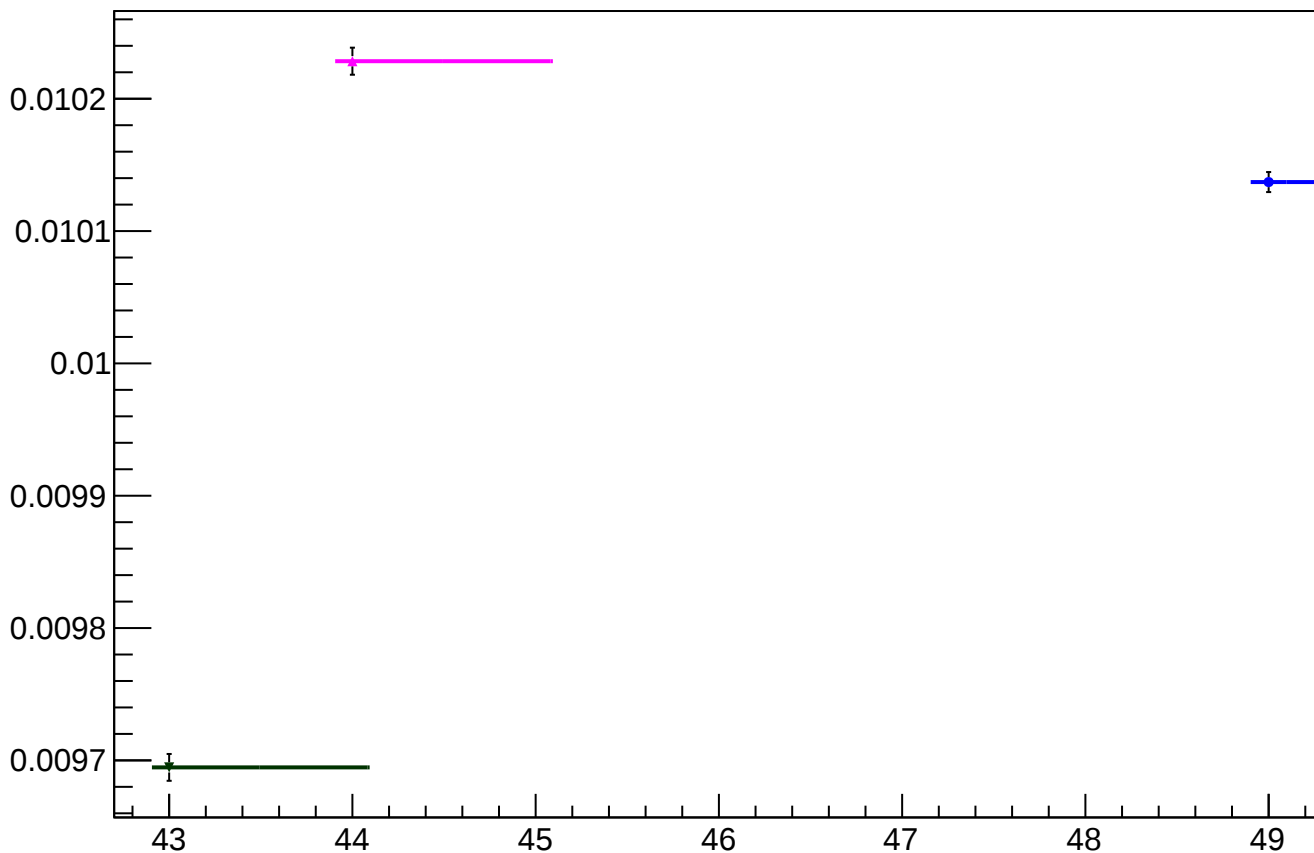
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -6.152+/-0.000 χ^2 /NDF: 0.0/0

-6.056+/-0.000 χ^2 /NDF: 48622963.8/1

-6.152+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01Y_rms vs slug



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

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

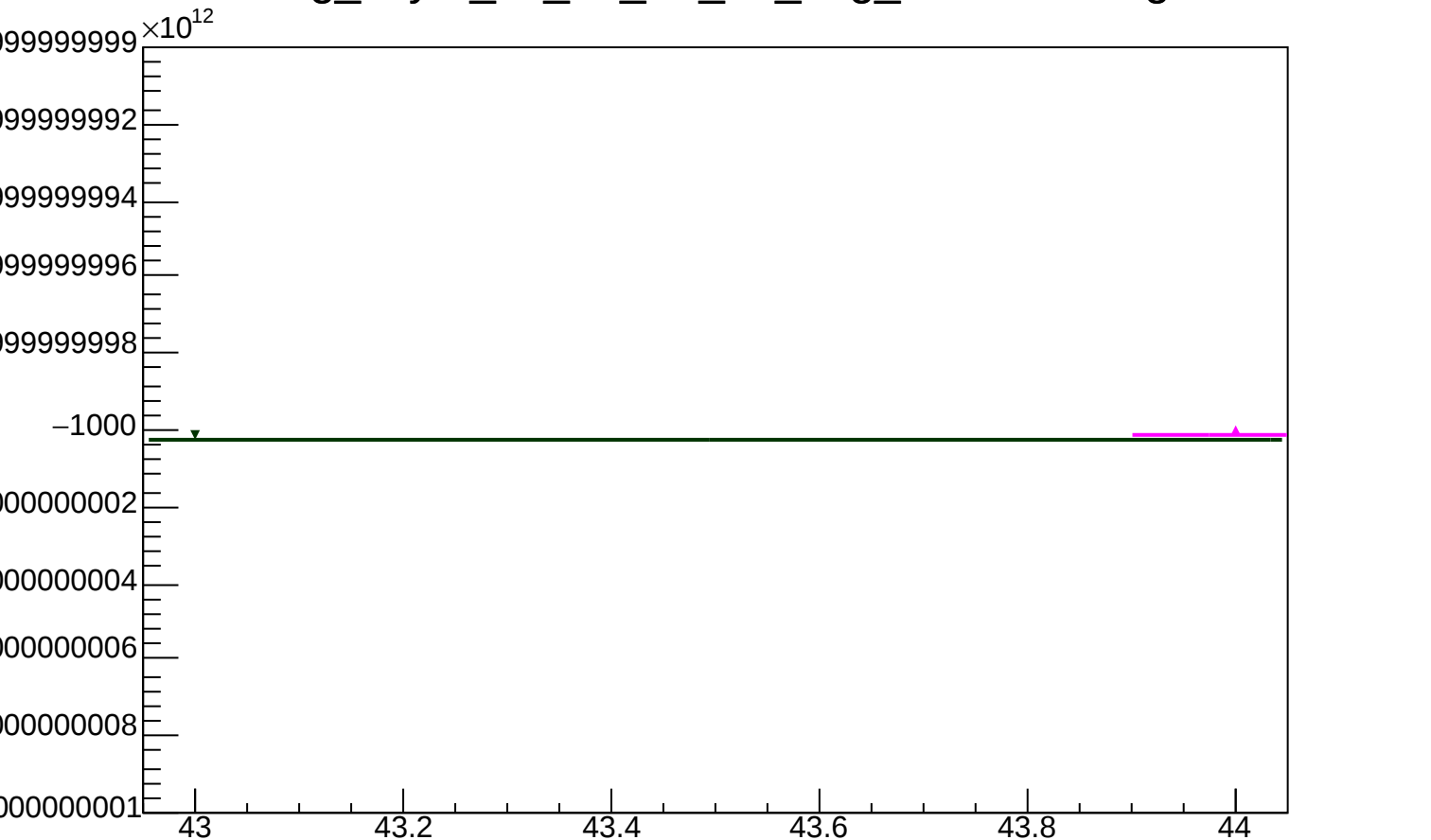
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 1222.4/1

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: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

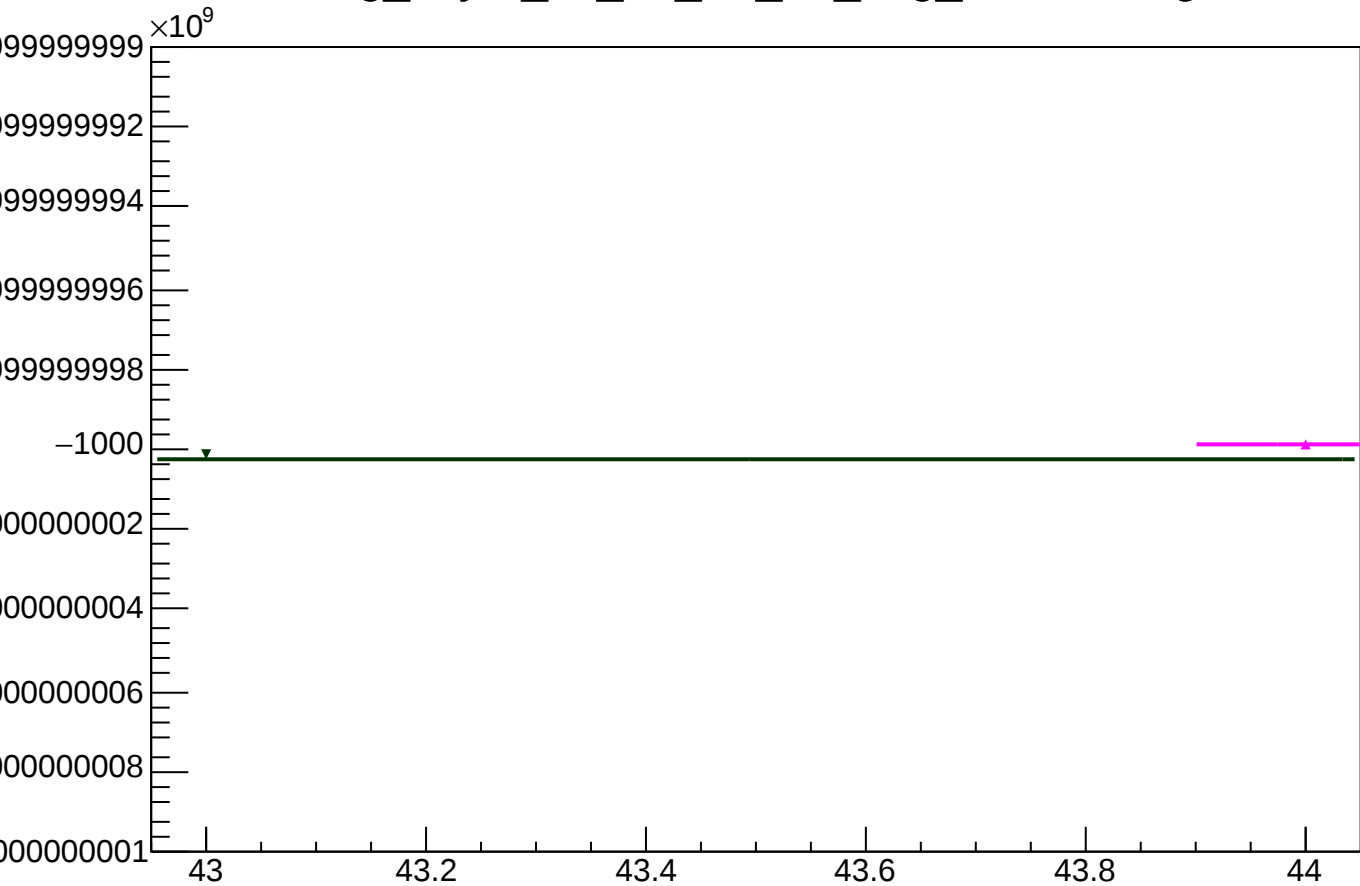
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

-1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

-1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

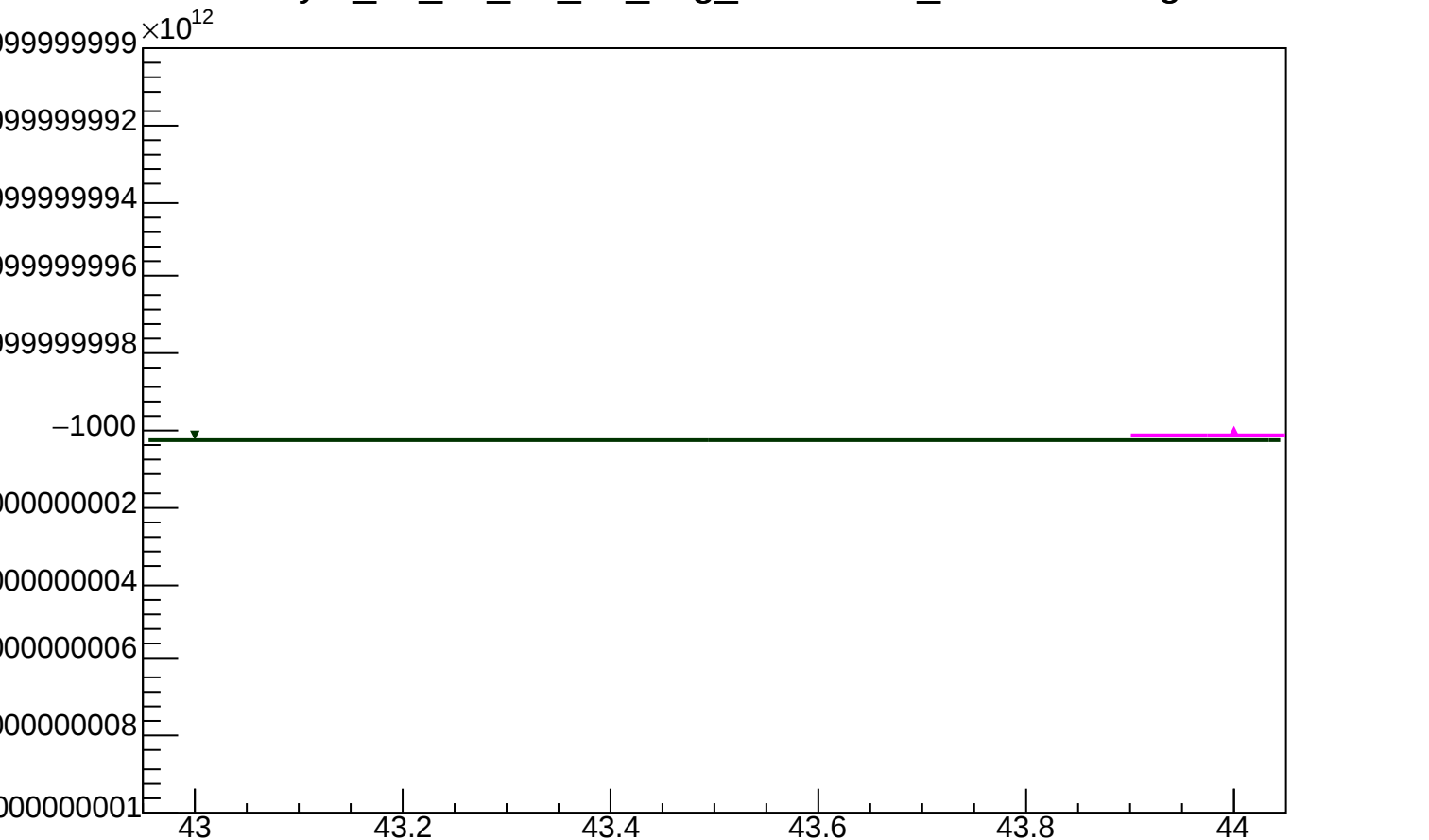
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_mean vs slug



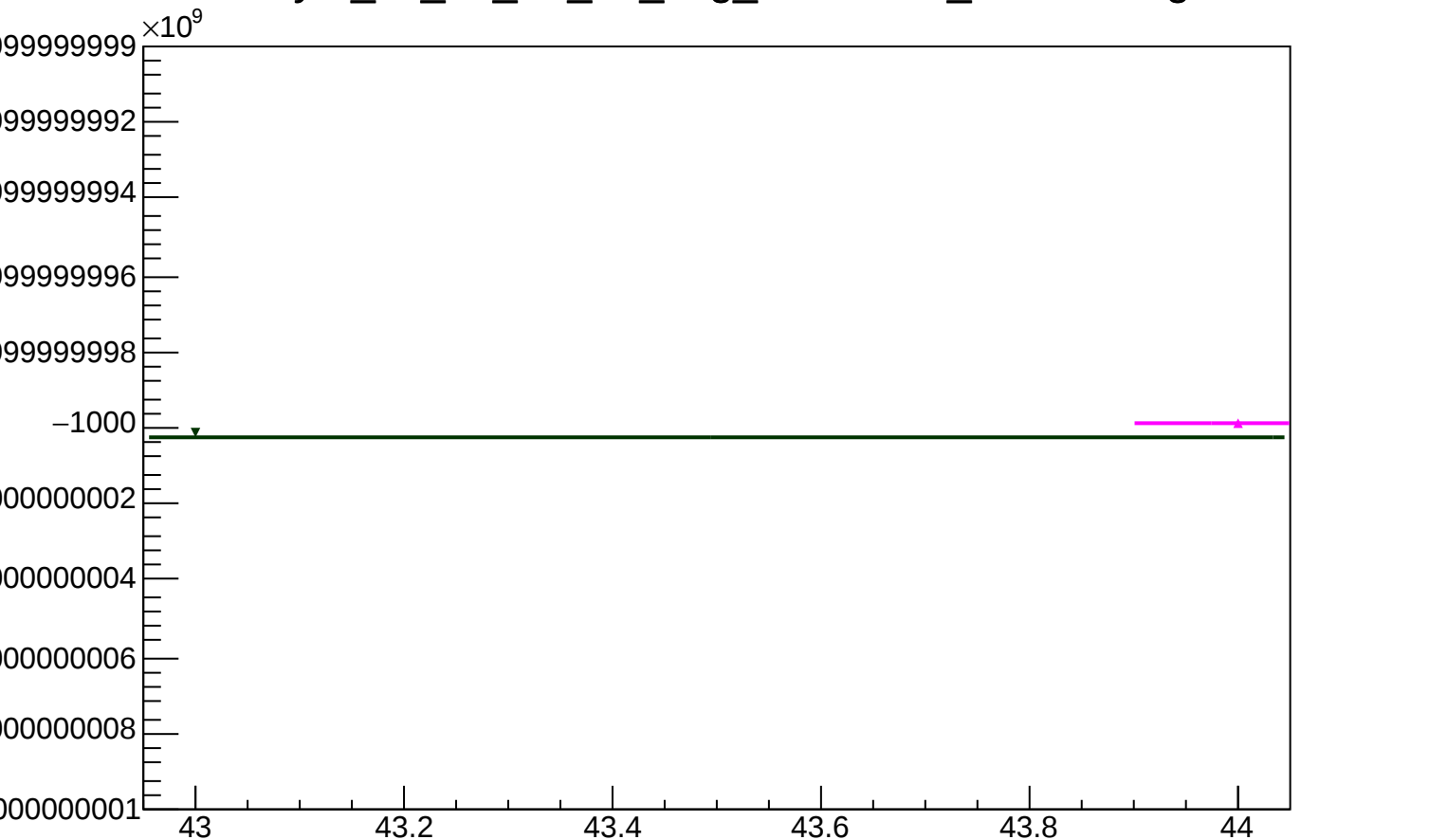
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

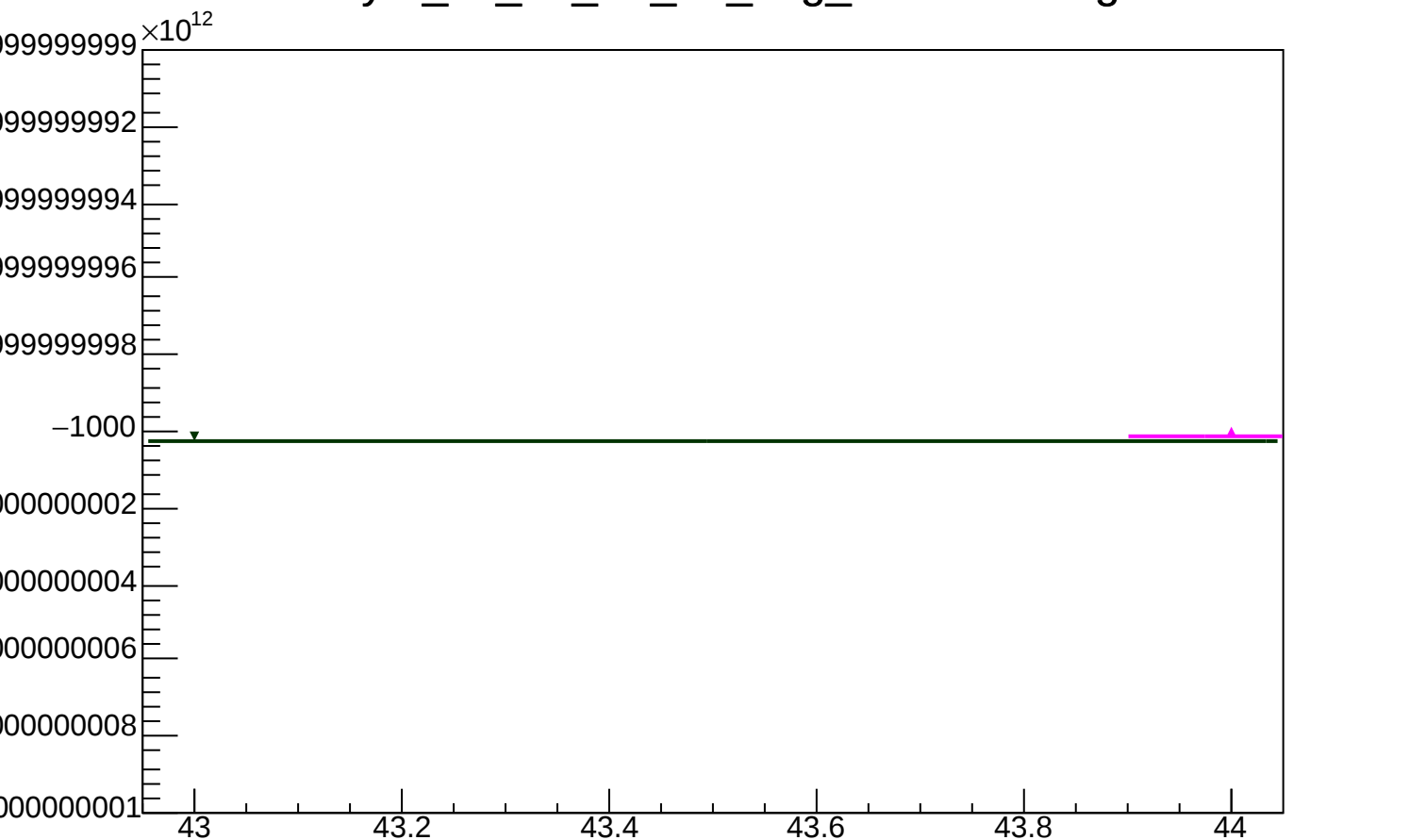
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

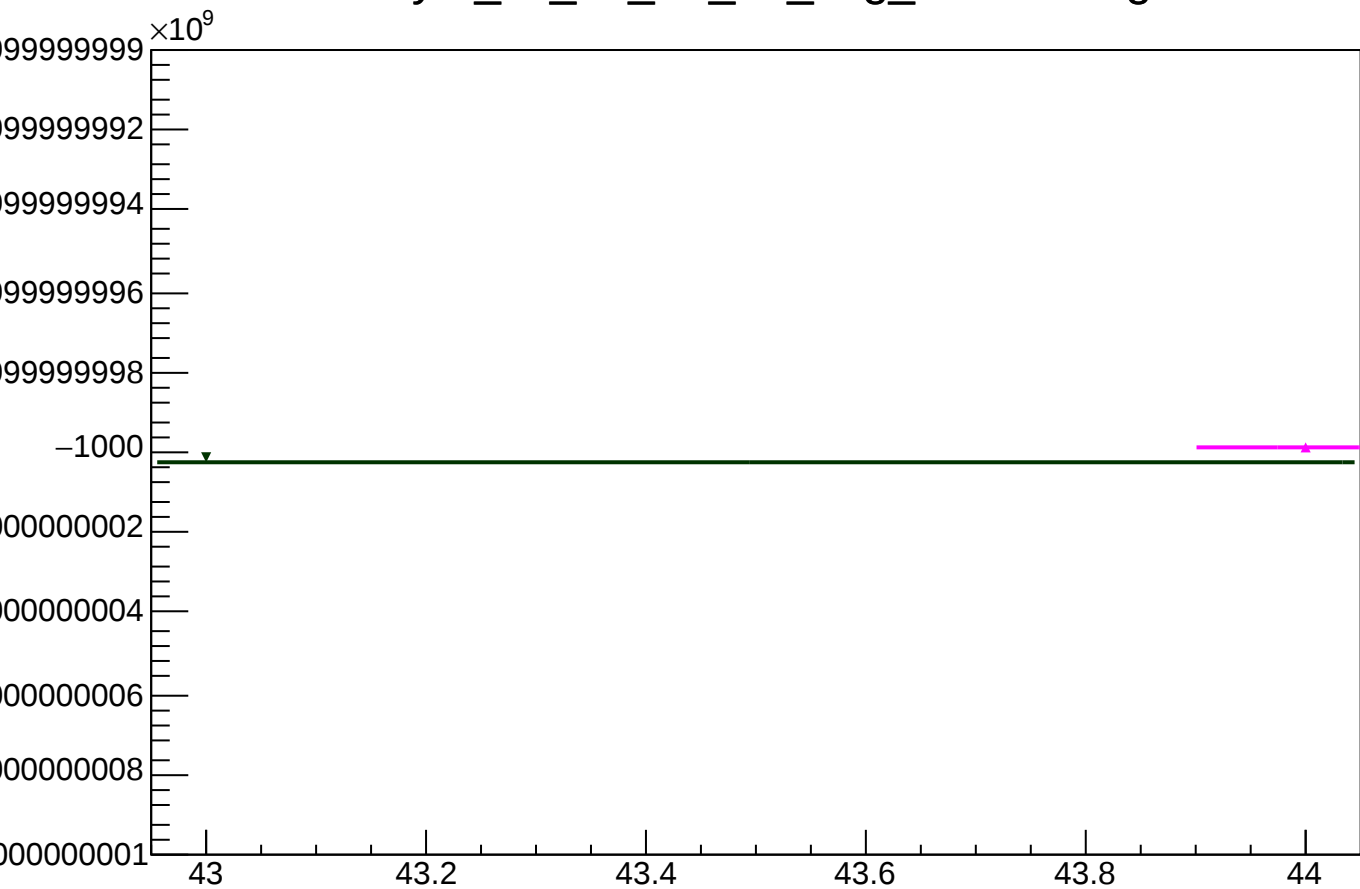
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

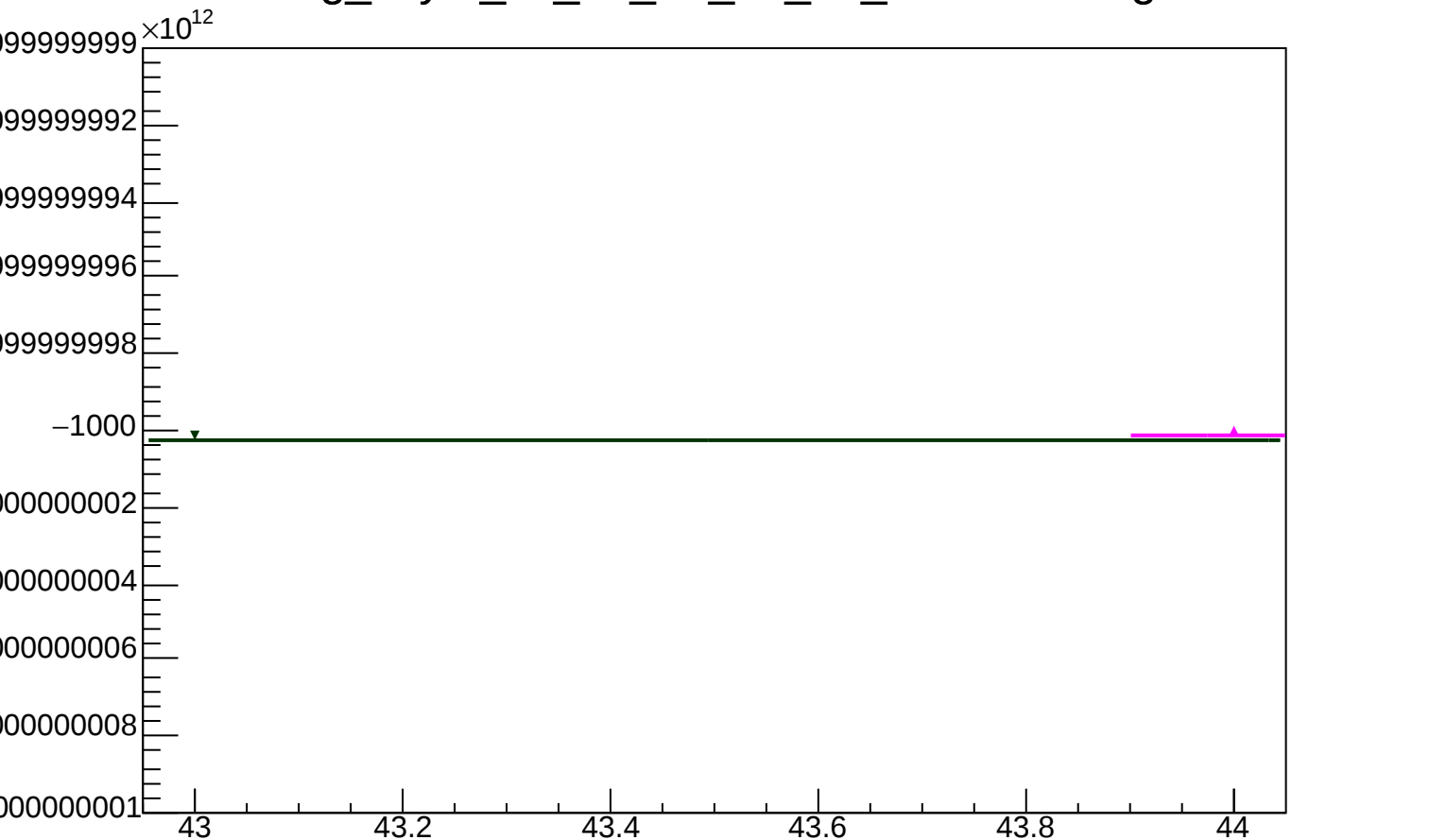
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs slug



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

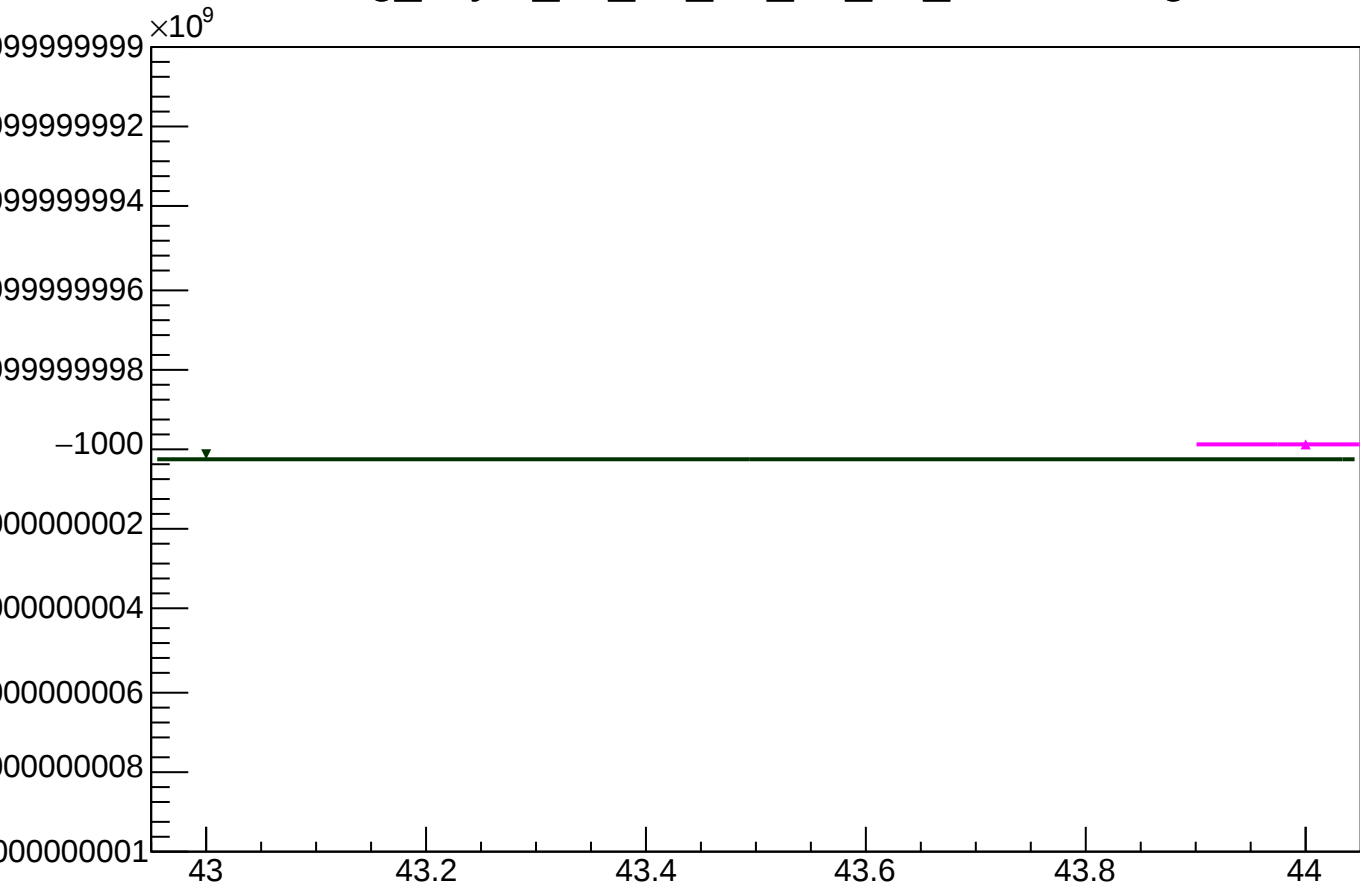
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -10000000000000000.125+/-0.140 χ^2/NDF :0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

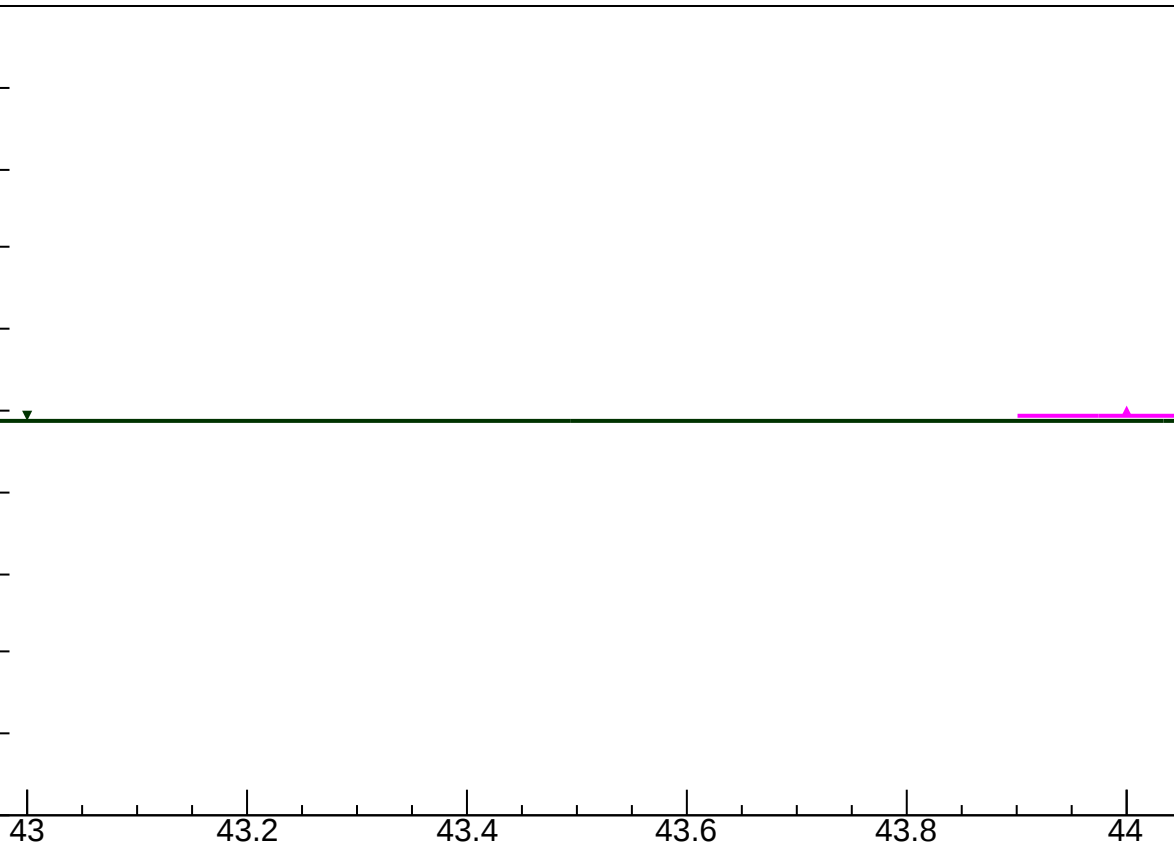
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_mean vs slug

$\times 10^{12}$
 999999999
 999999992
 999999994
 999999996
 999999998
 -1000
 000000002
 000000004
 000000006
 000000008
 000000001



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

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

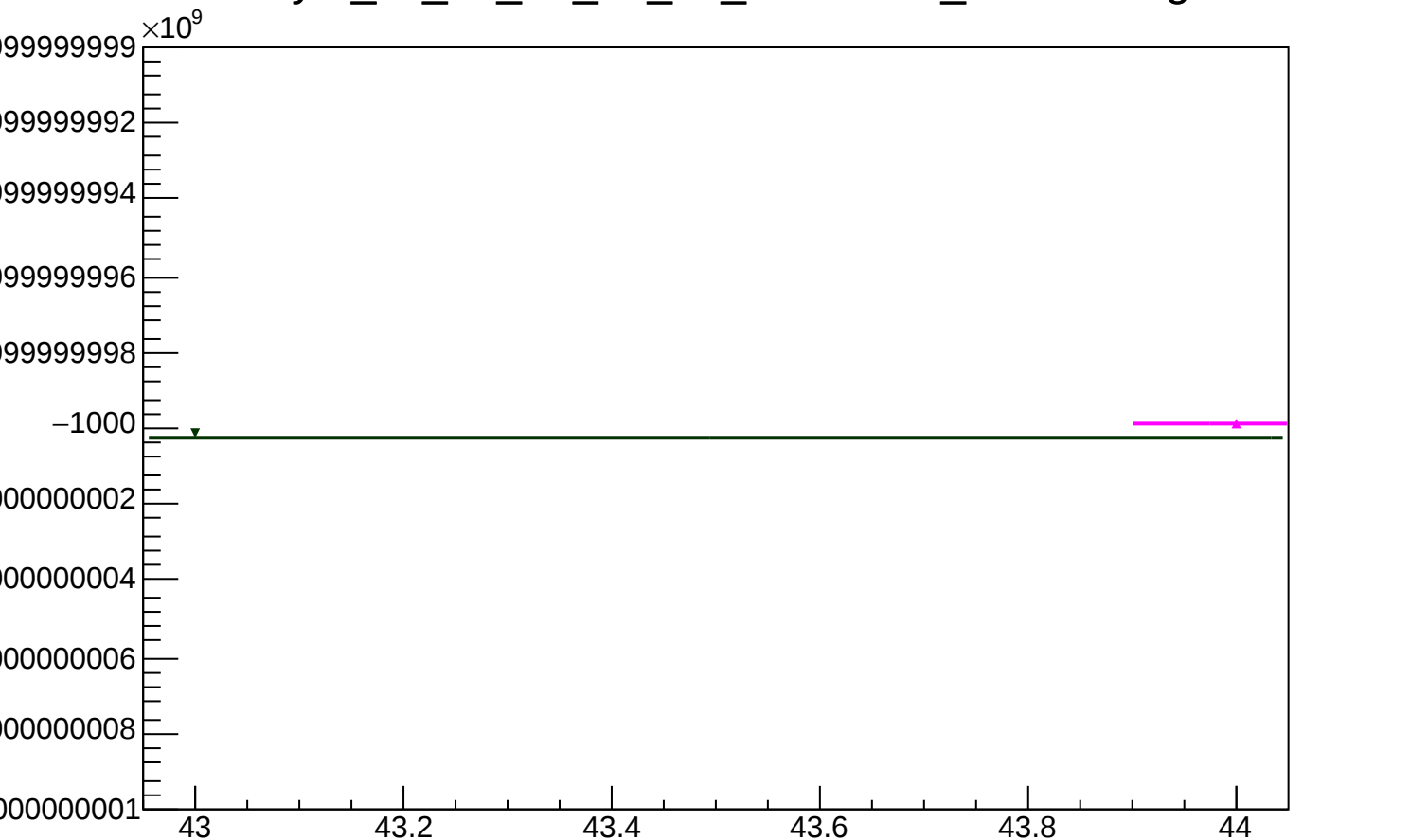
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

-1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

-1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

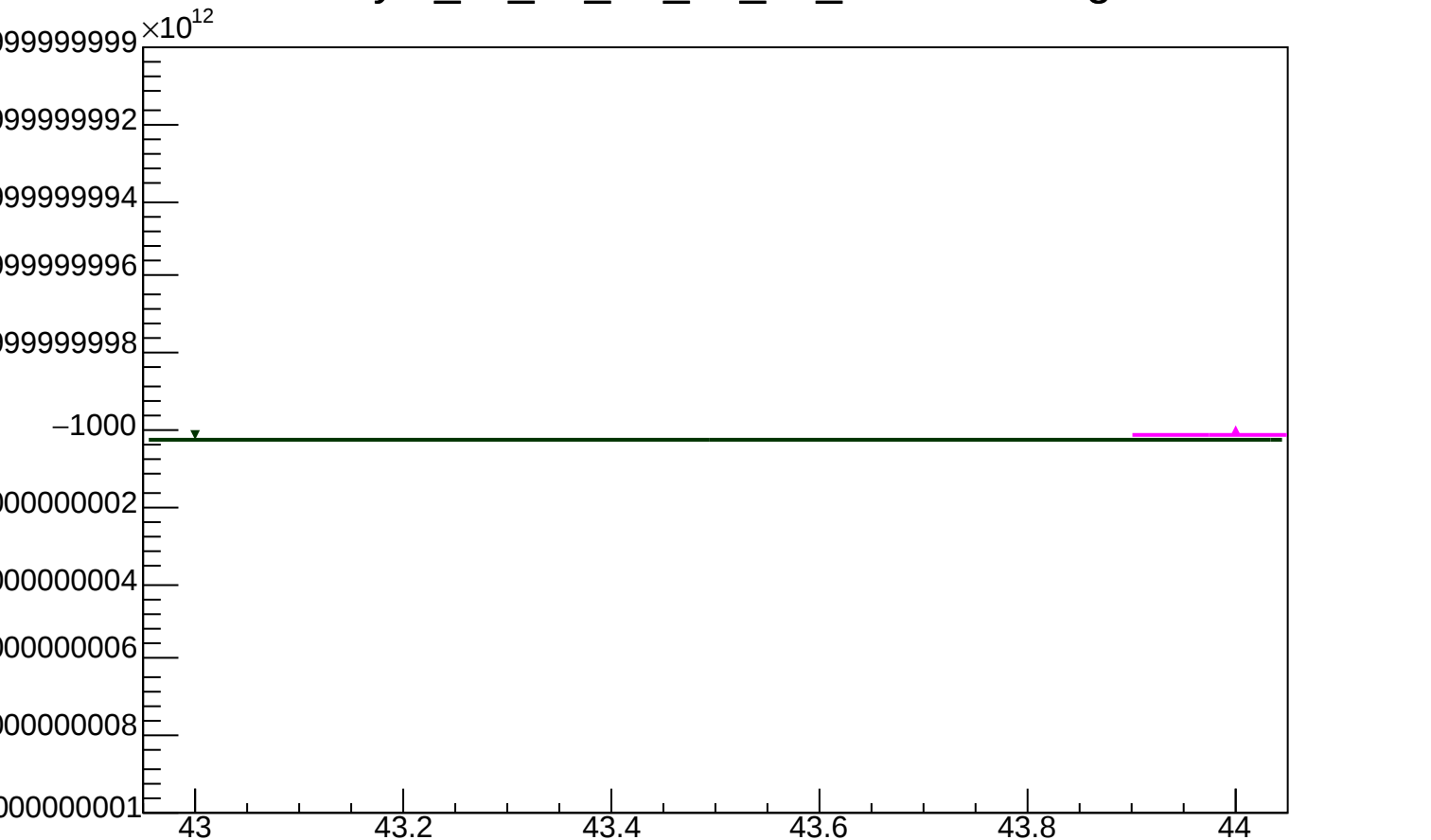
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



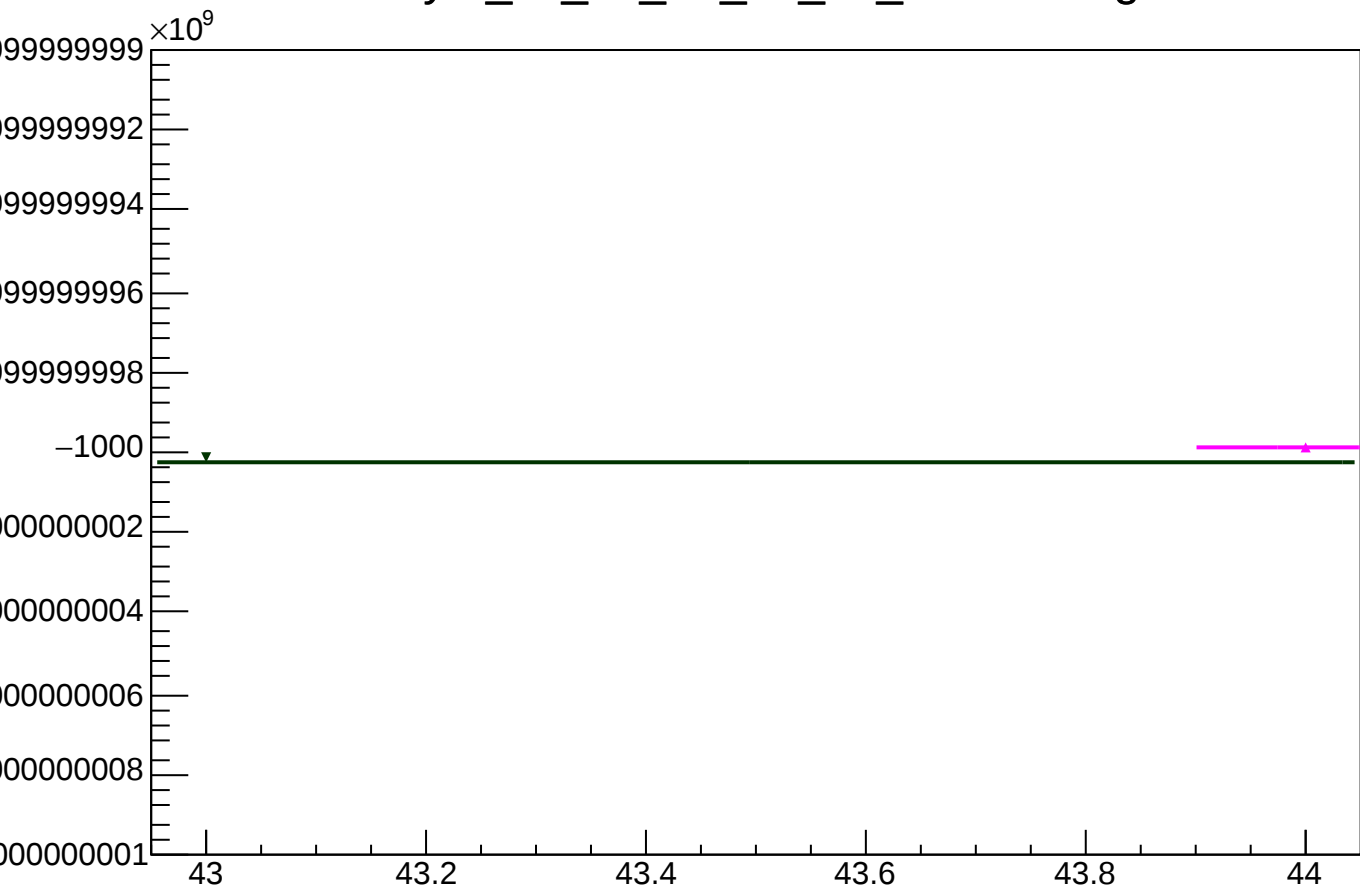
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

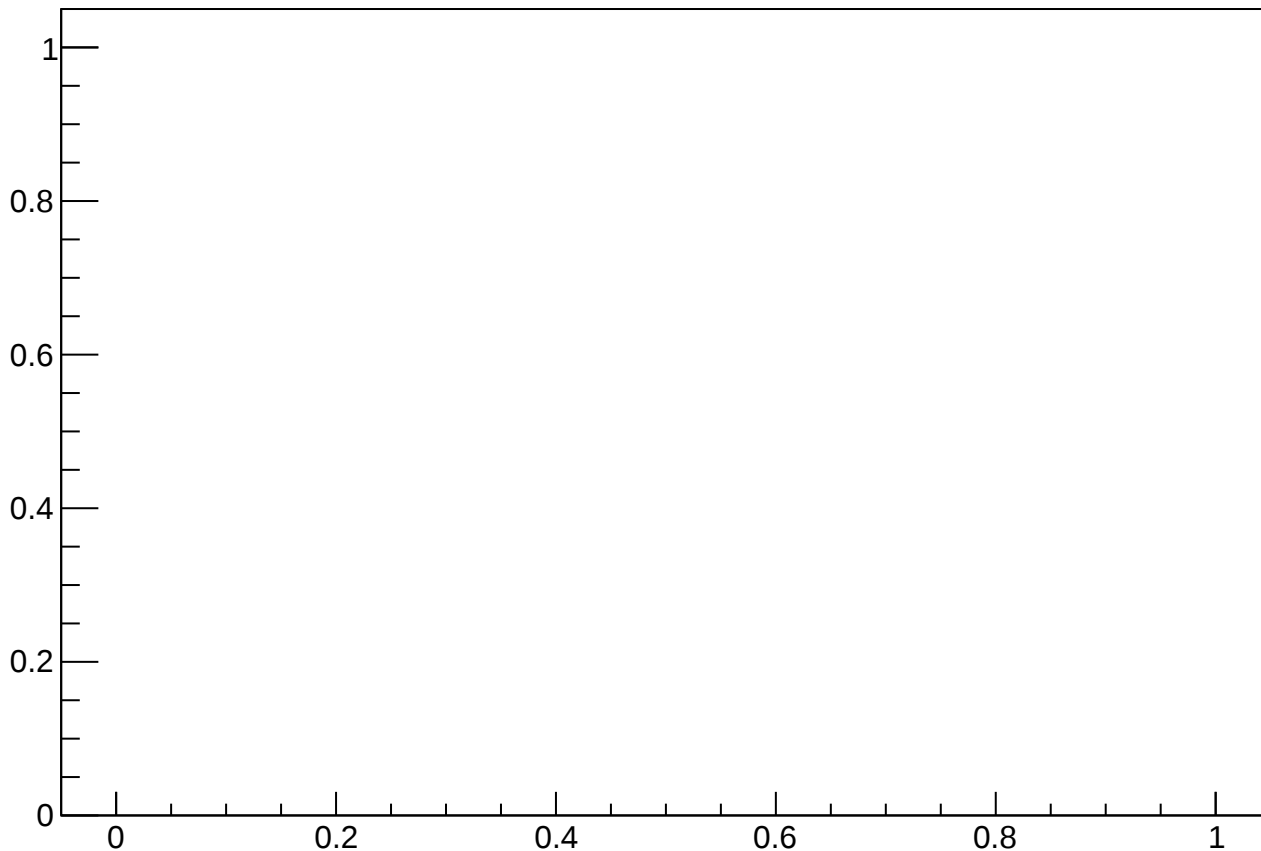
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

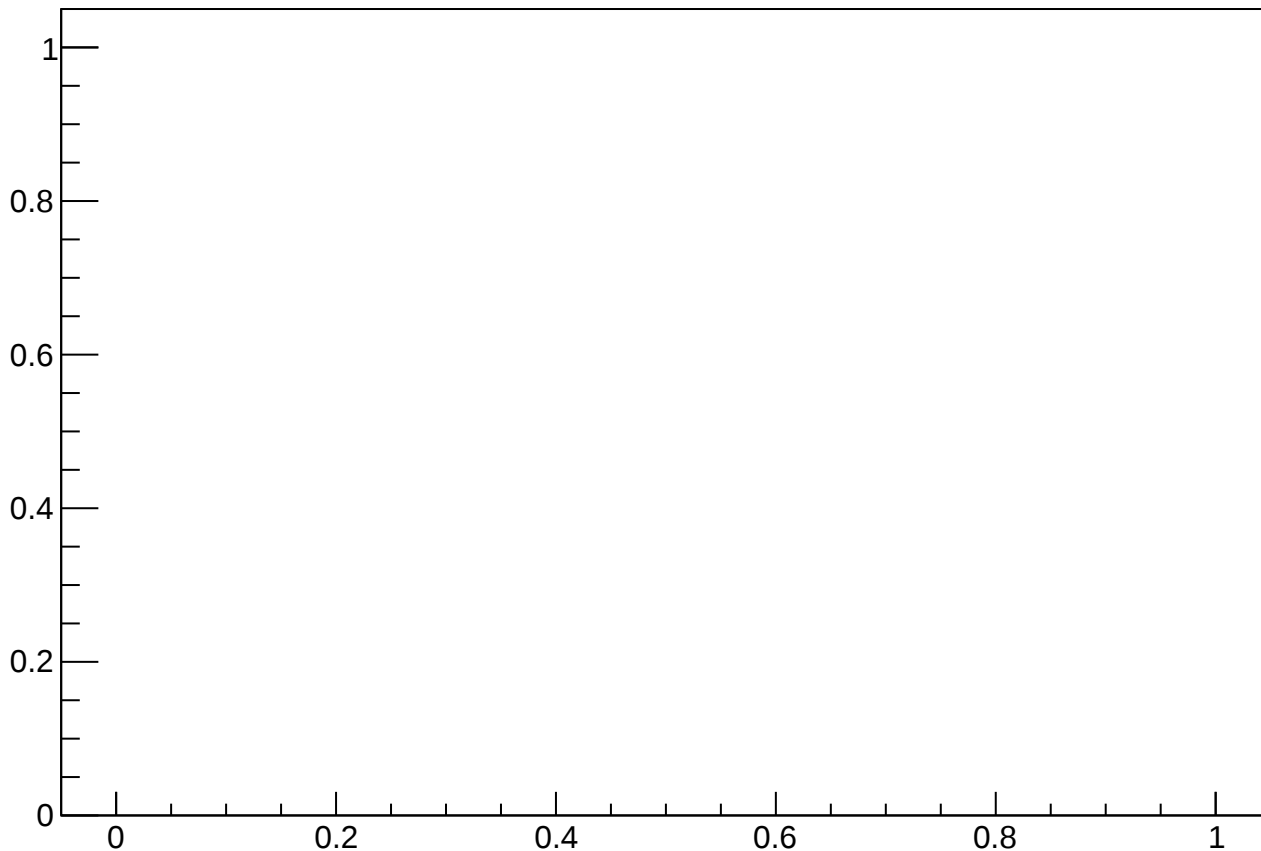
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

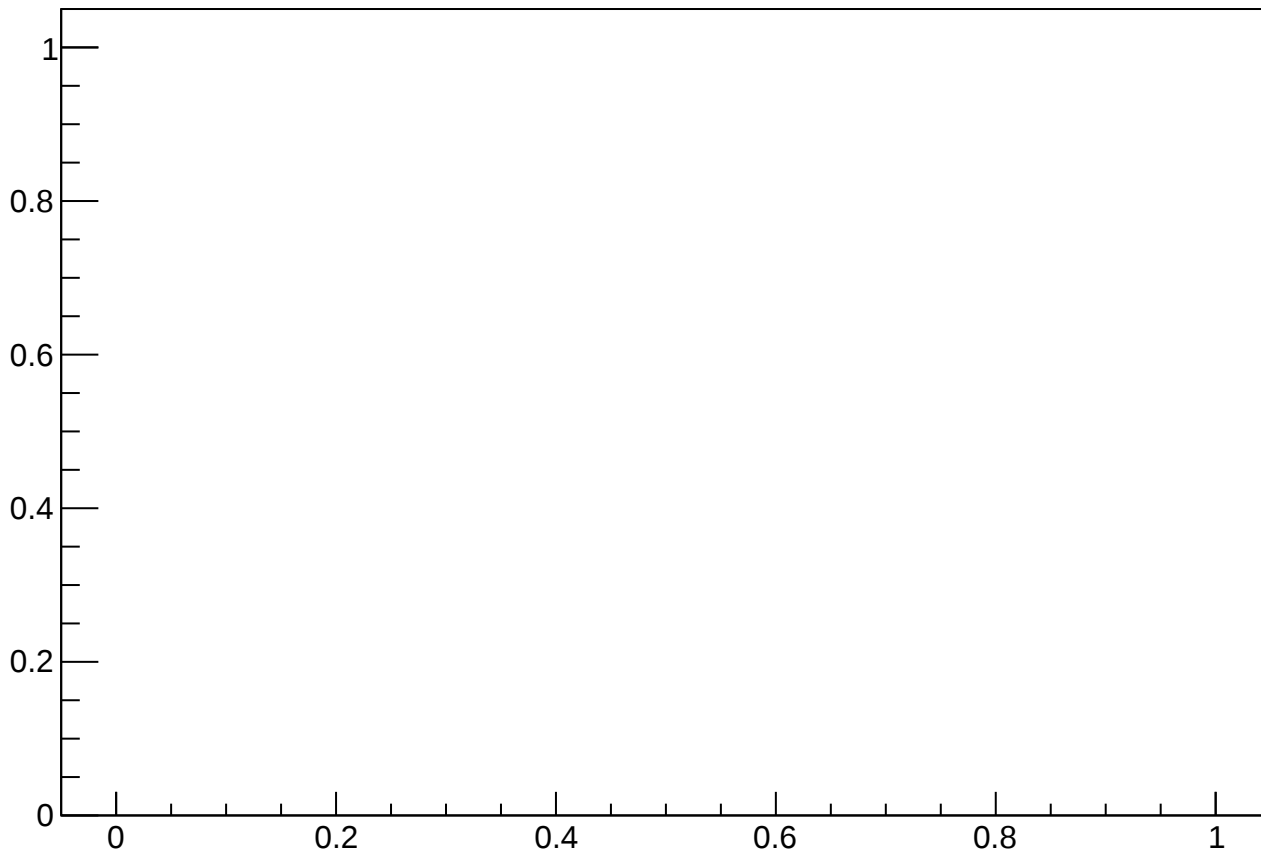
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

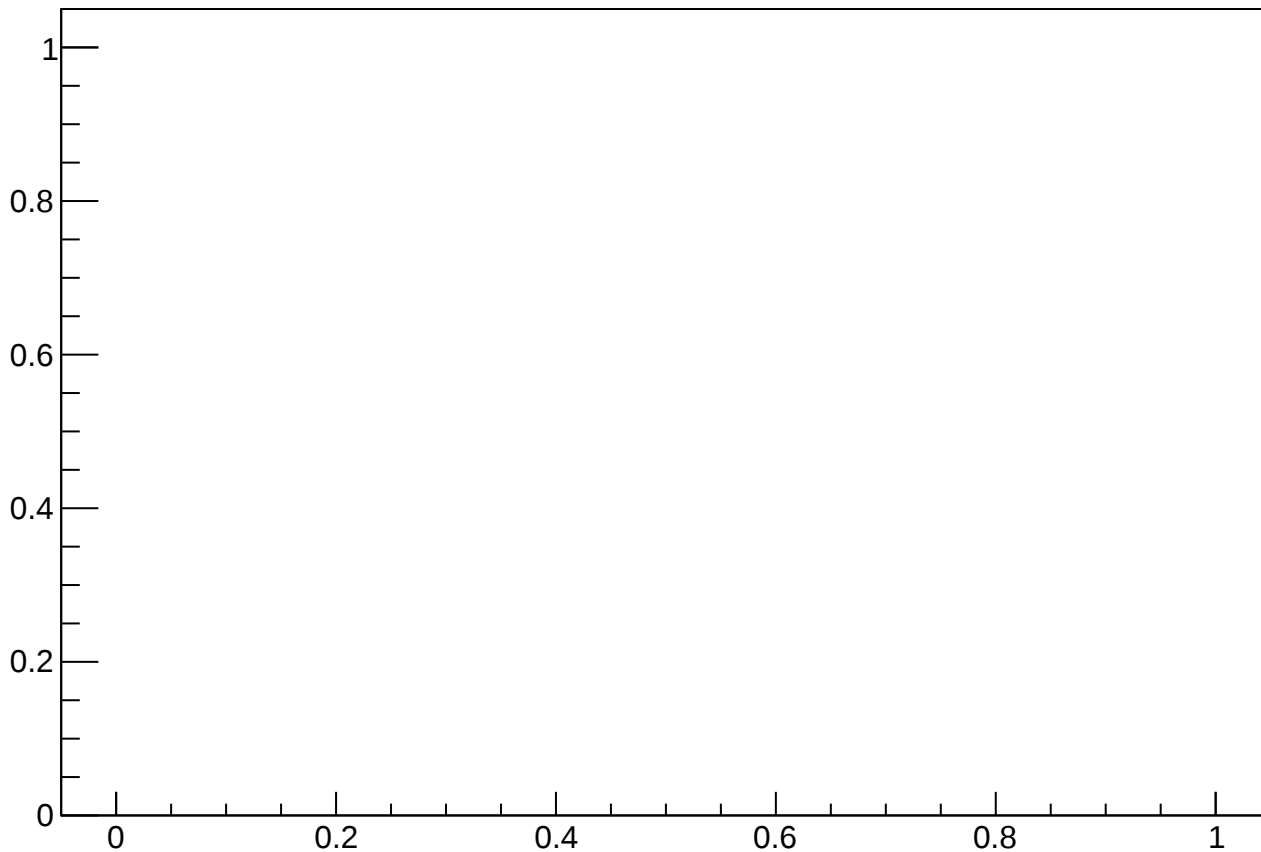
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

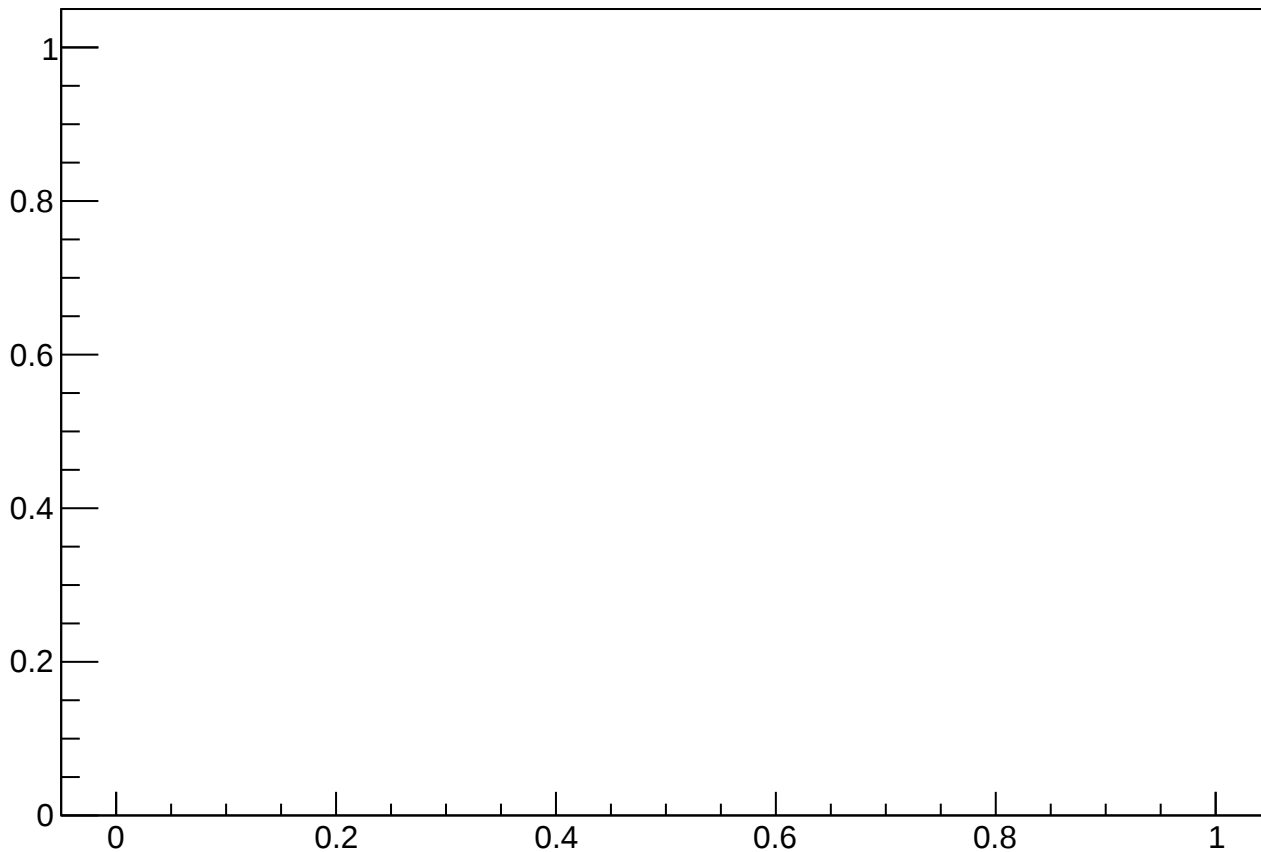
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

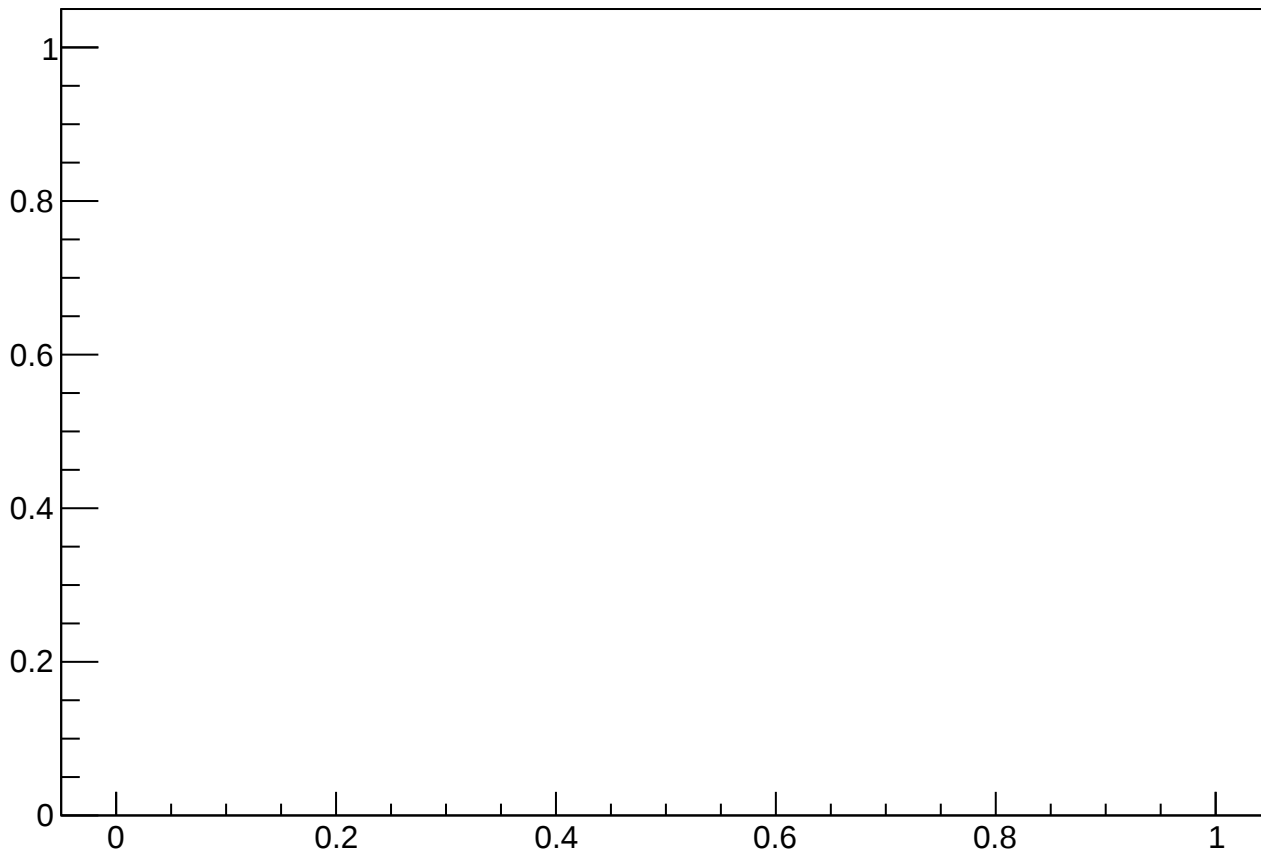
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

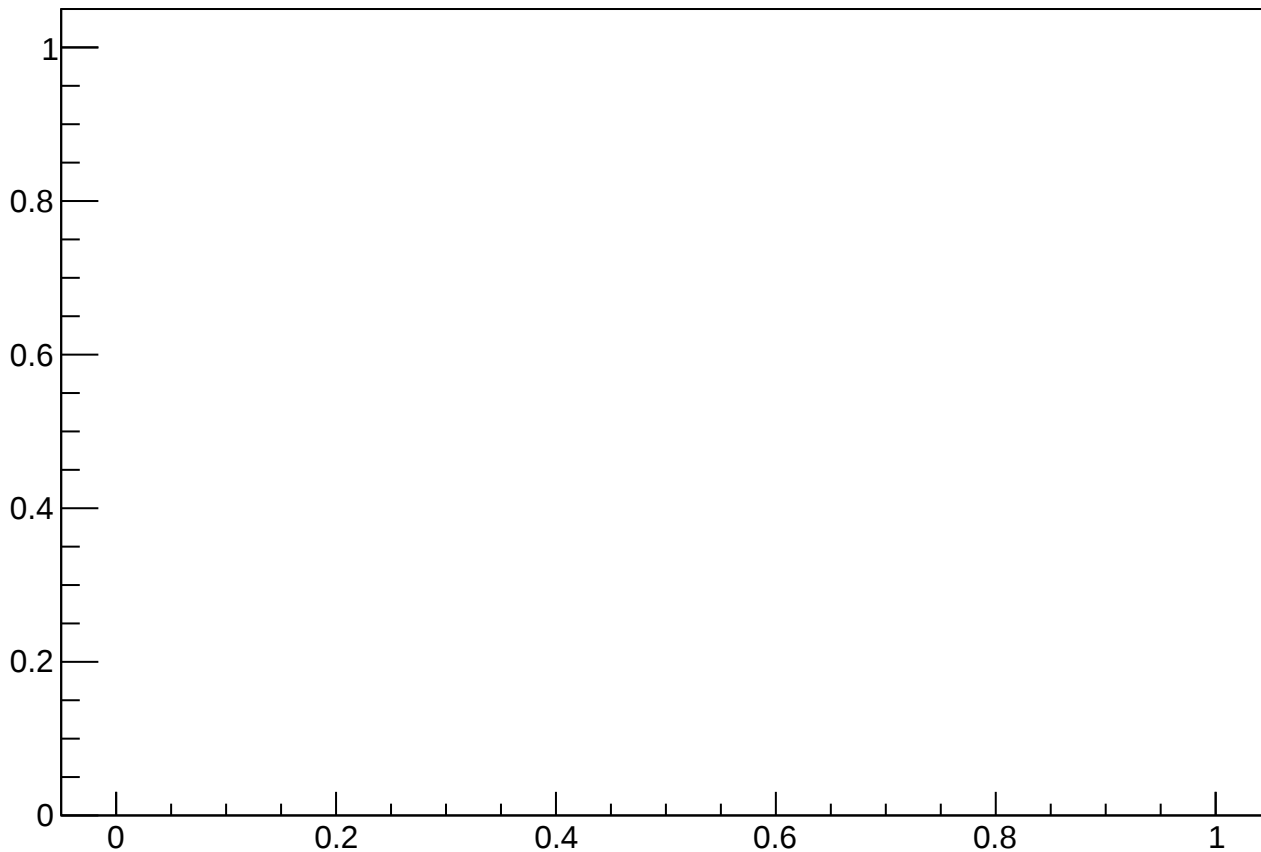
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

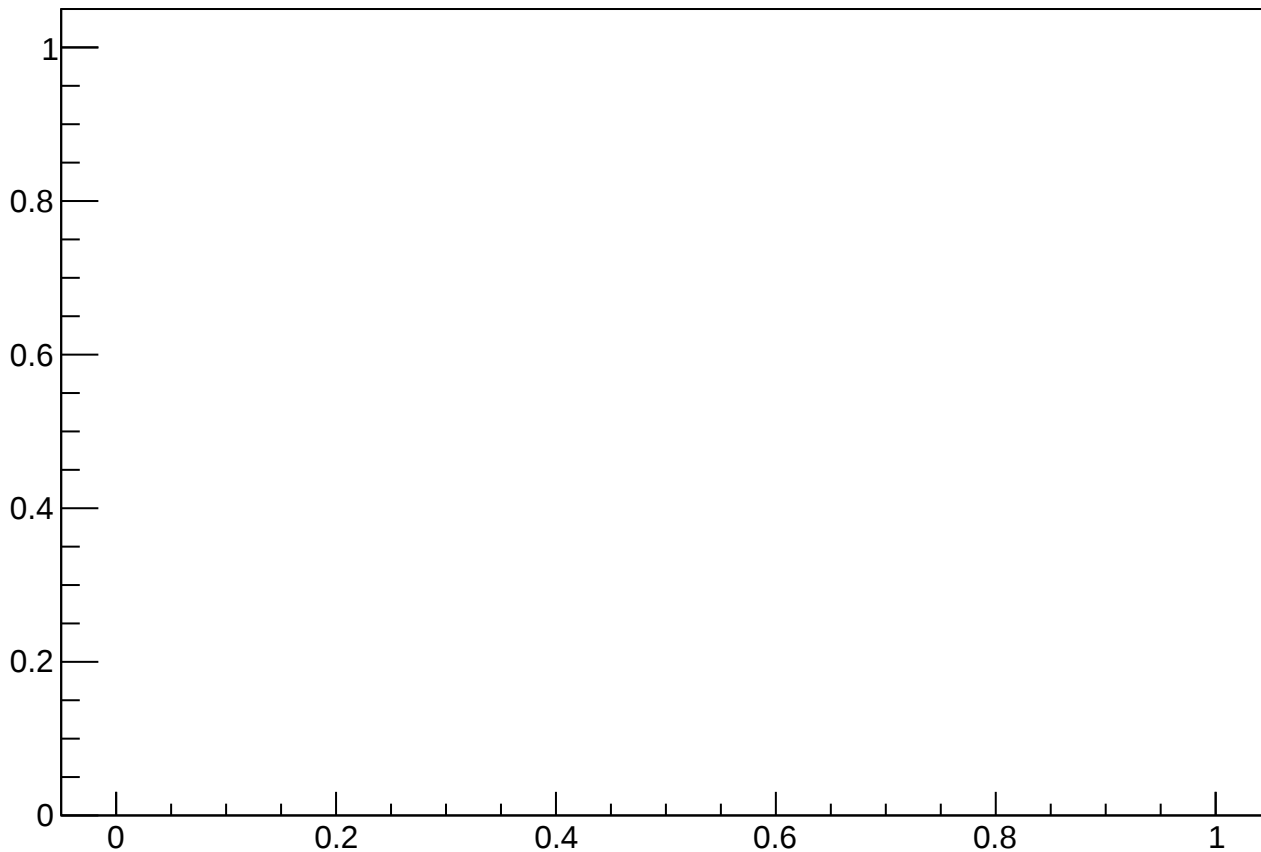
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

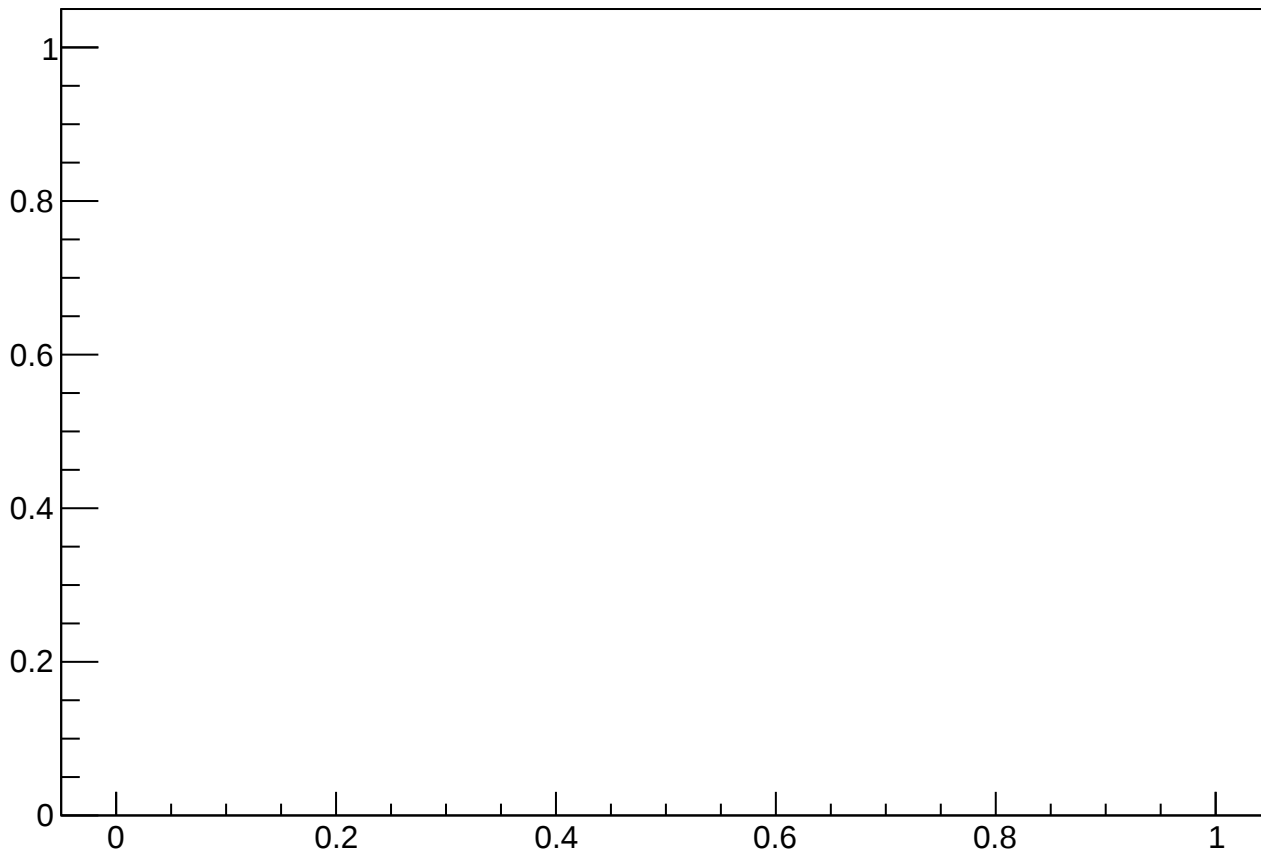
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

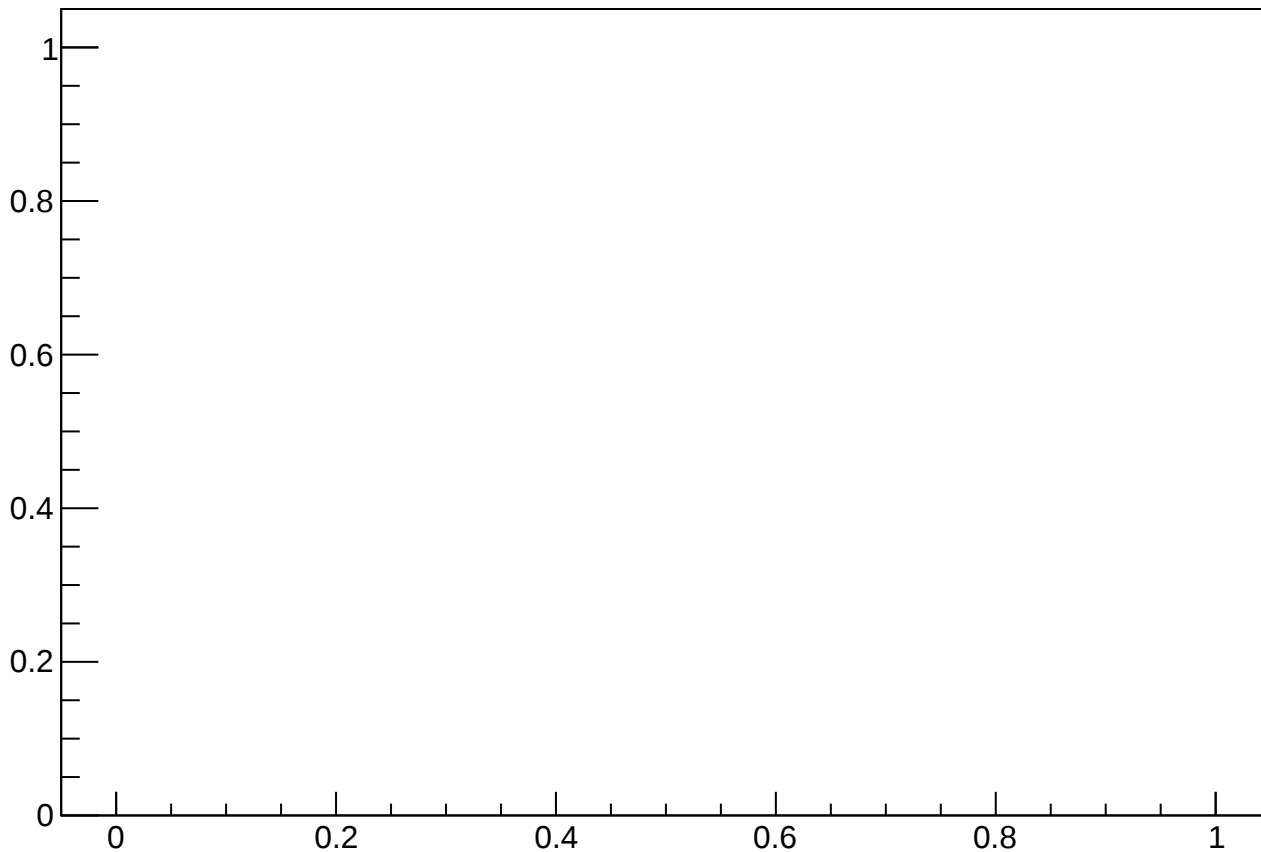
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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