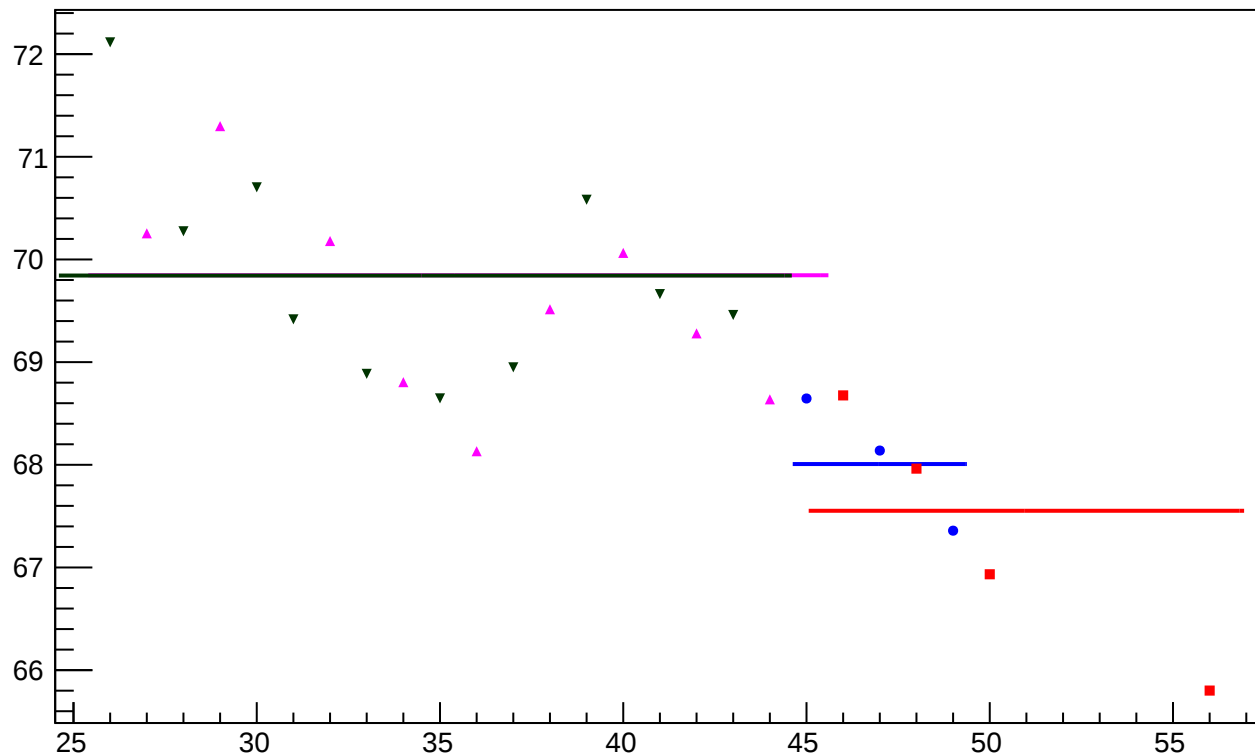


yield_usl_mean vs slug



Right In: 68.007+/-0.000

χ^2/NDF : 28936522.4/2

69.328+/-0.000

χ^2/NDF : 494770445.7/12

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 67.552+/-0.000

χ^2/NDF : 71042039.9/3

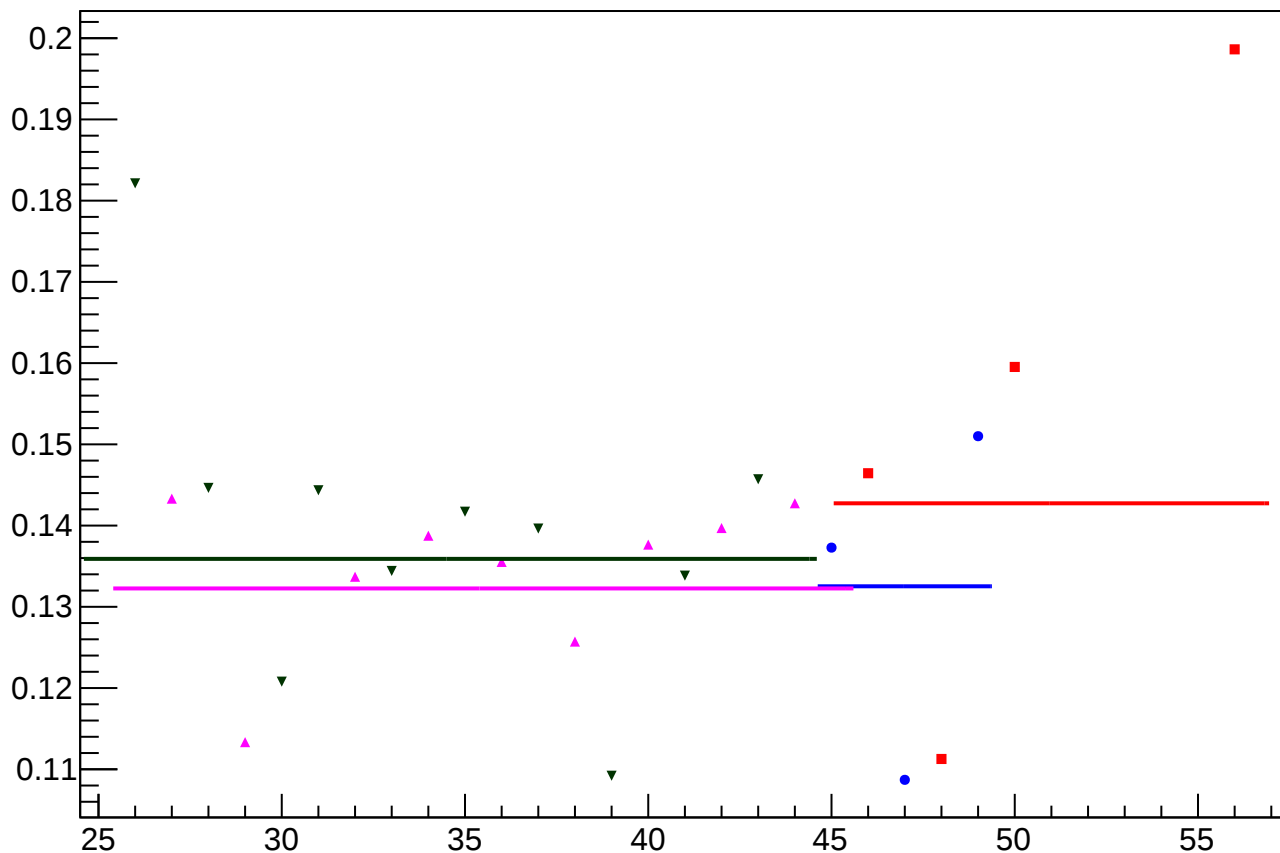
69.360+/-0.000

χ^2/NDF : 703515396.4/12

Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

yield_usl_rms vs slug



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

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

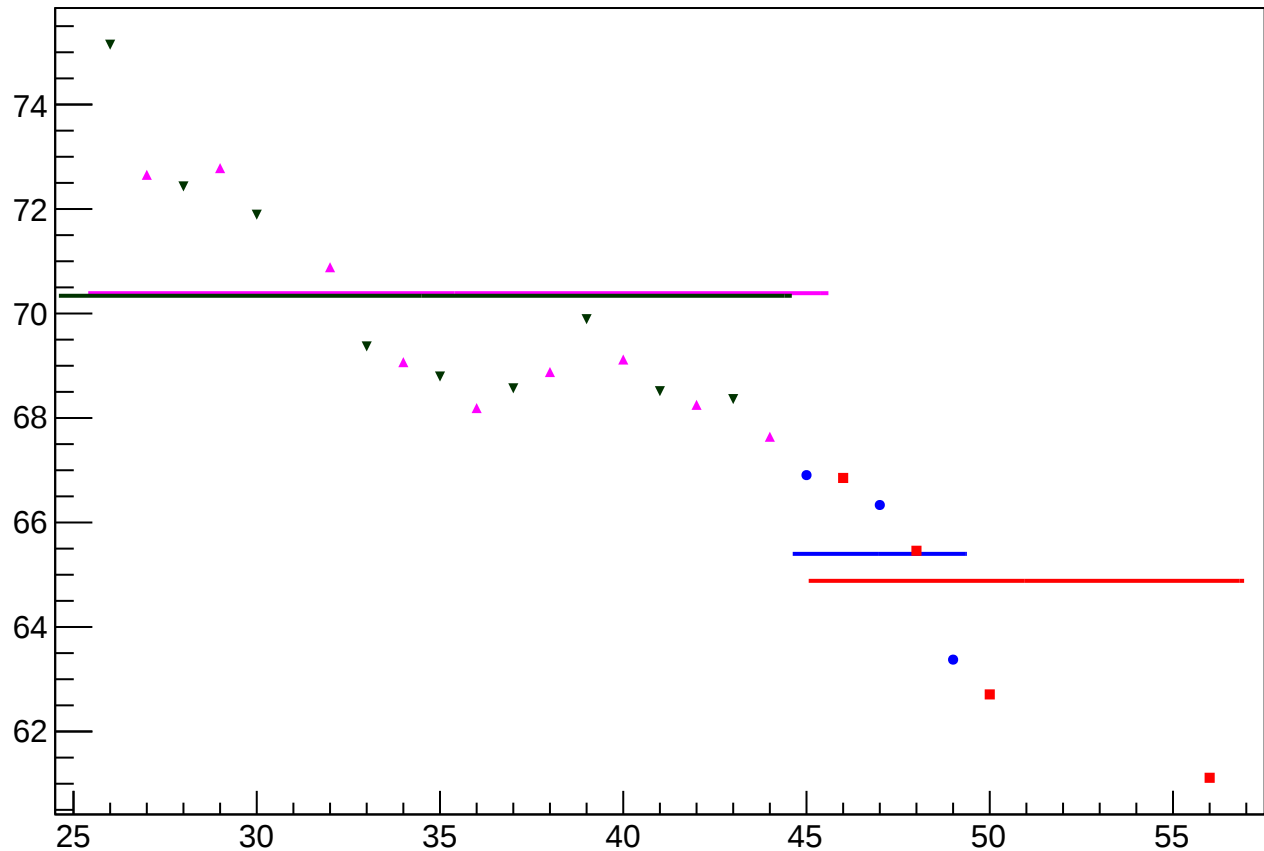
Right Out: 0.143+/-0.000 χ^2/NDF : 152001.2/3

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

0.135+/-0.000 χ^2/NDF : 210656.6/12

0.134+/-0.000 χ^2/NDF : 234462.3/12

yield_usr_mean vs slug



Right In: 65.400+/-0.000 χ^2/NDF : 727059575.6/2

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

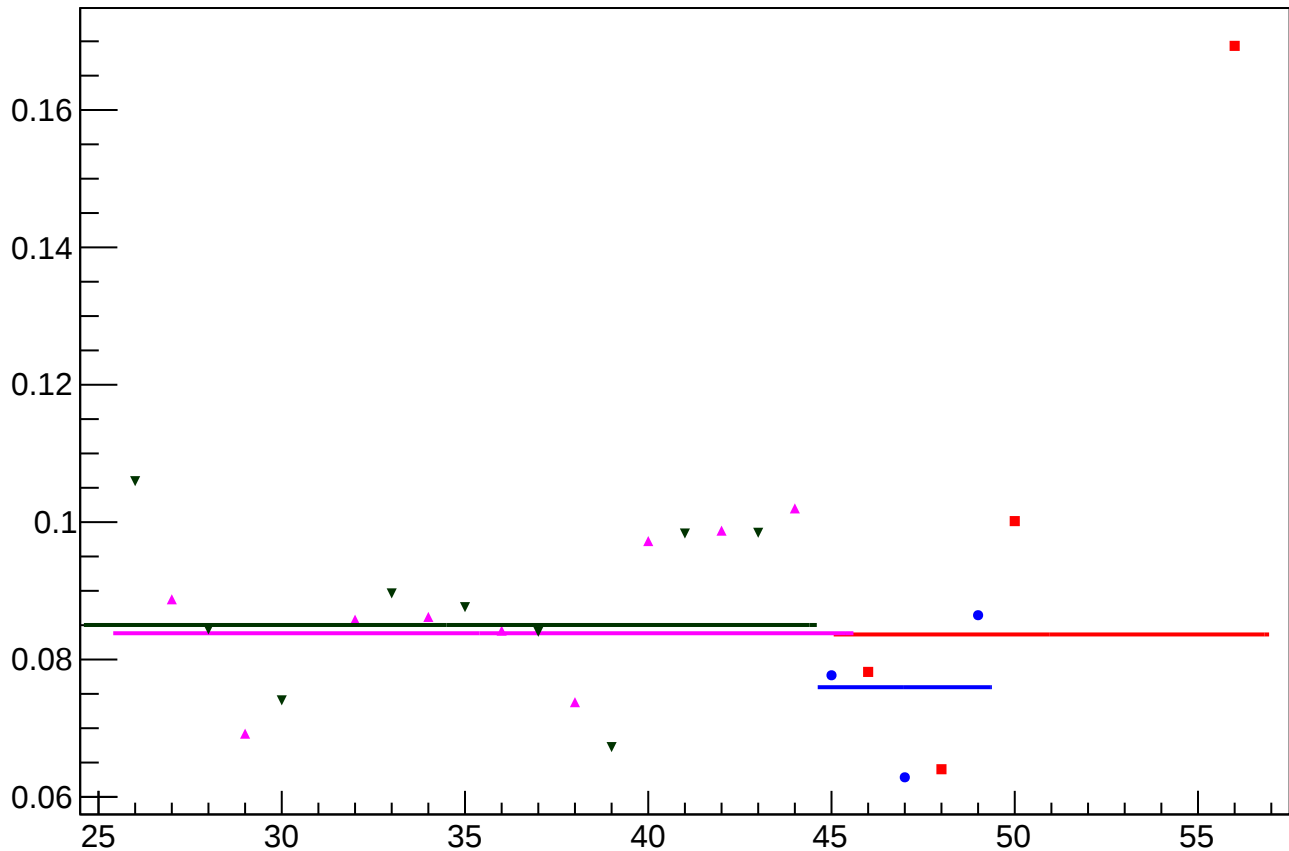
Right Out: 64.883+/-0.000 χ^2/NDF : 705705816.4/3

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

68.721+/-0.000 χ^2/NDF : 7890782182.9/11

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

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

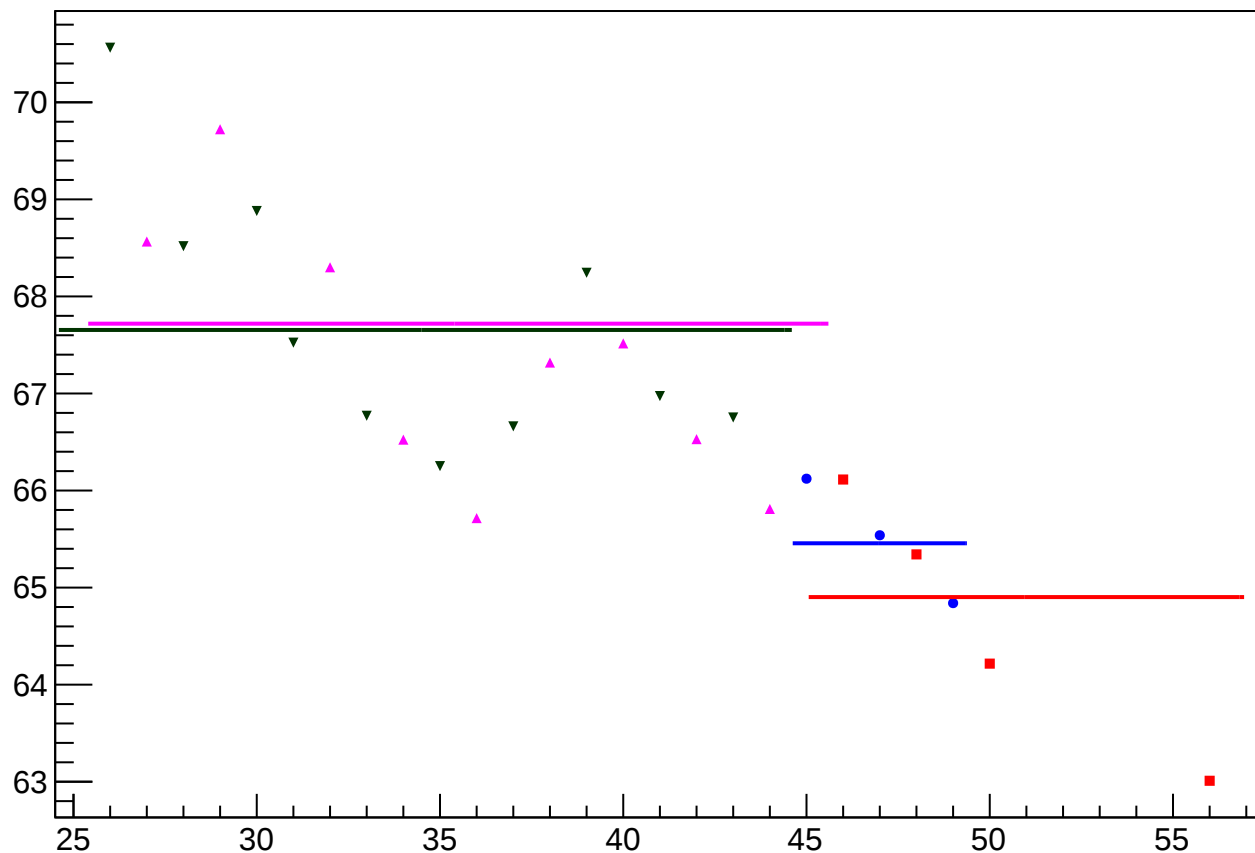
Right Out: 0.084+/-0.000 χ^2/NDF : 343728.5/3

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

0.082+/-0.000 χ^2/NDF : 245216.0/11

0.084+/-0.000 χ^2/NDF : 505916.8/12

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

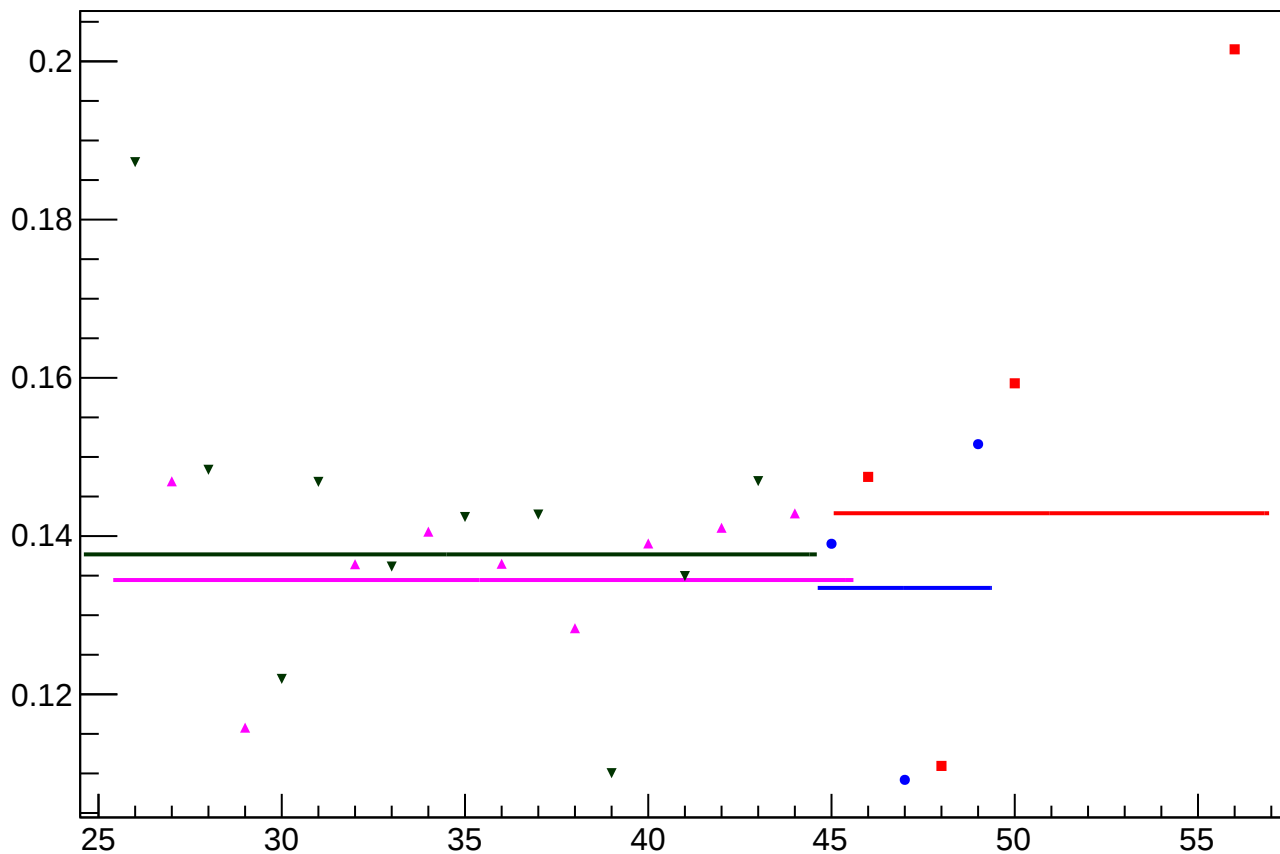
Right Out: 64.902+/-0.000 χ^2/NDF : 82136967.4/3

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

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

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

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

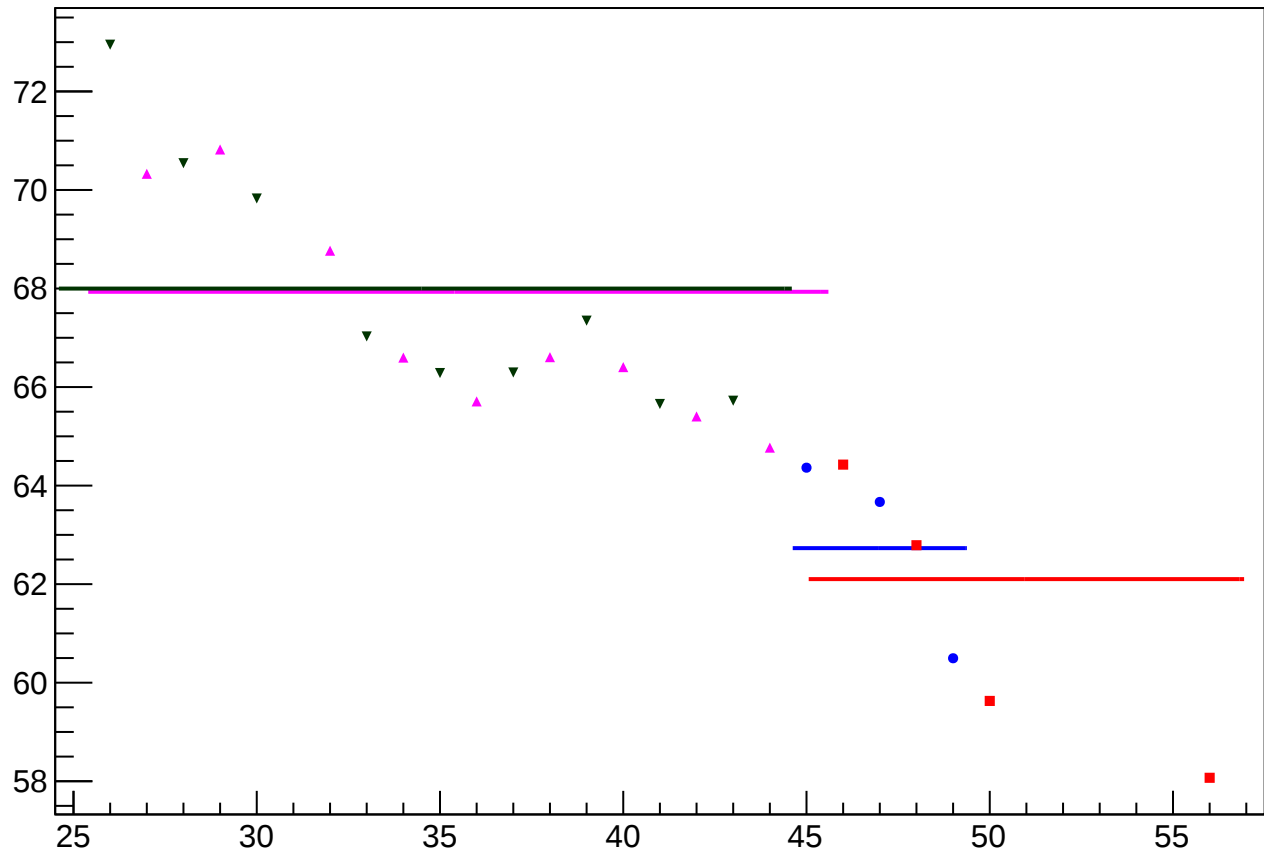
Right Out: 0.143 ± 0.000 χ^2/NDF : 159794.4/3

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

0.136 ± 0.000 χ^2/NDF : 223563.7/12

0.136 ± 0.000 χ^2/NDF : 232468.5/12

yield_dsr_mean vs slug



Right In: 62.731 ± 0.000 $\chi^2/\text{NDF}: 858206915.5/2$

Left Out: 67.999 ± 0.000 $\chi^2/\text{NDF}: 3088835100.9/8$

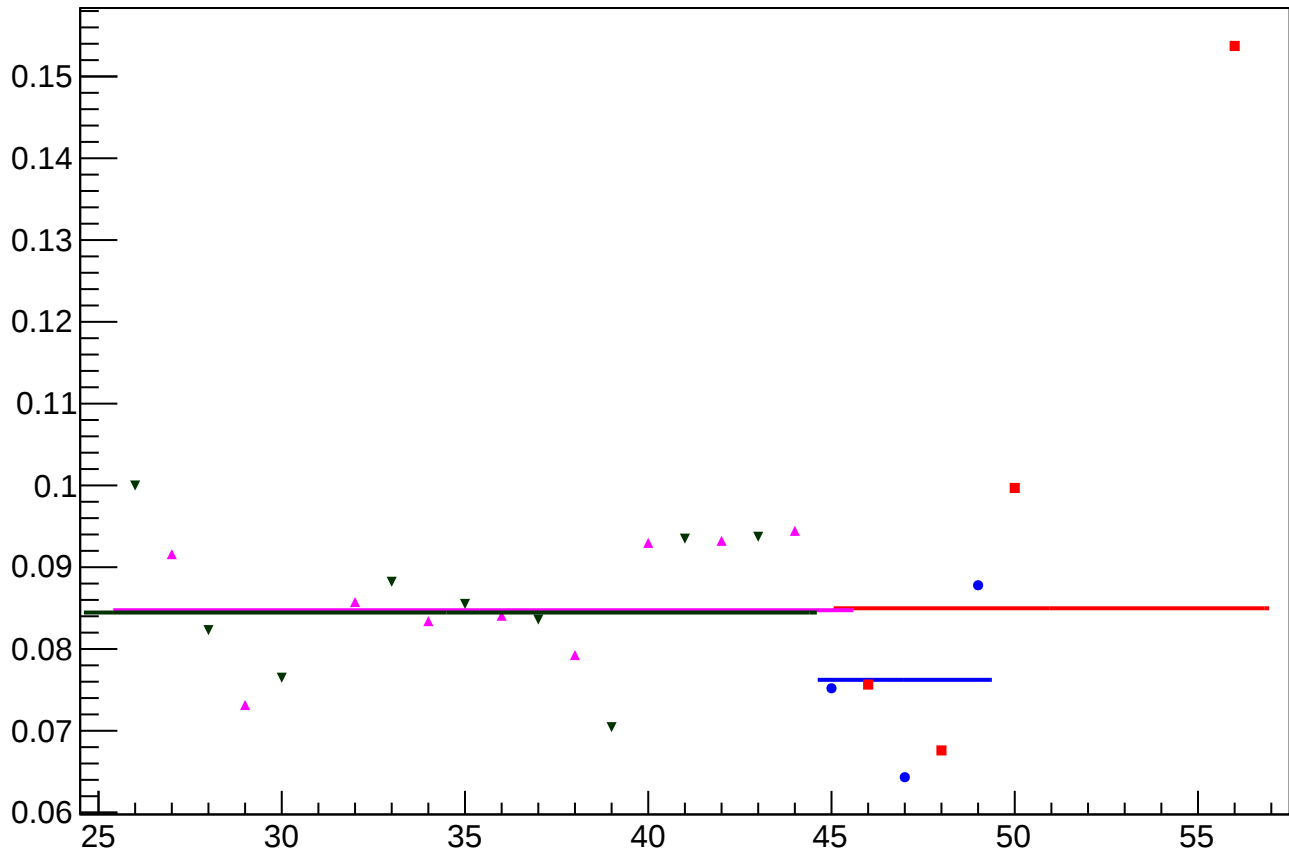
Right Out: 62.102 ± 0.000 $\chi^2/\text{NDF}: 983249575.7/3$

Left In: 67.934 ± 0.000 $\chi^2/\text{NDF}: 3365476193.8/8$

66.293 ± 0.000 $\chi^2/\text{NDF}: 9443685887.8/11$

66.585 ± 0.000 $\chi^2/\text{NDF}: 9978881533.0/12$

yield_dsr_rms vs slug



Right In: 0.076 $\pm$ 0.000 χ^2 /NDF: 55760.6/2

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

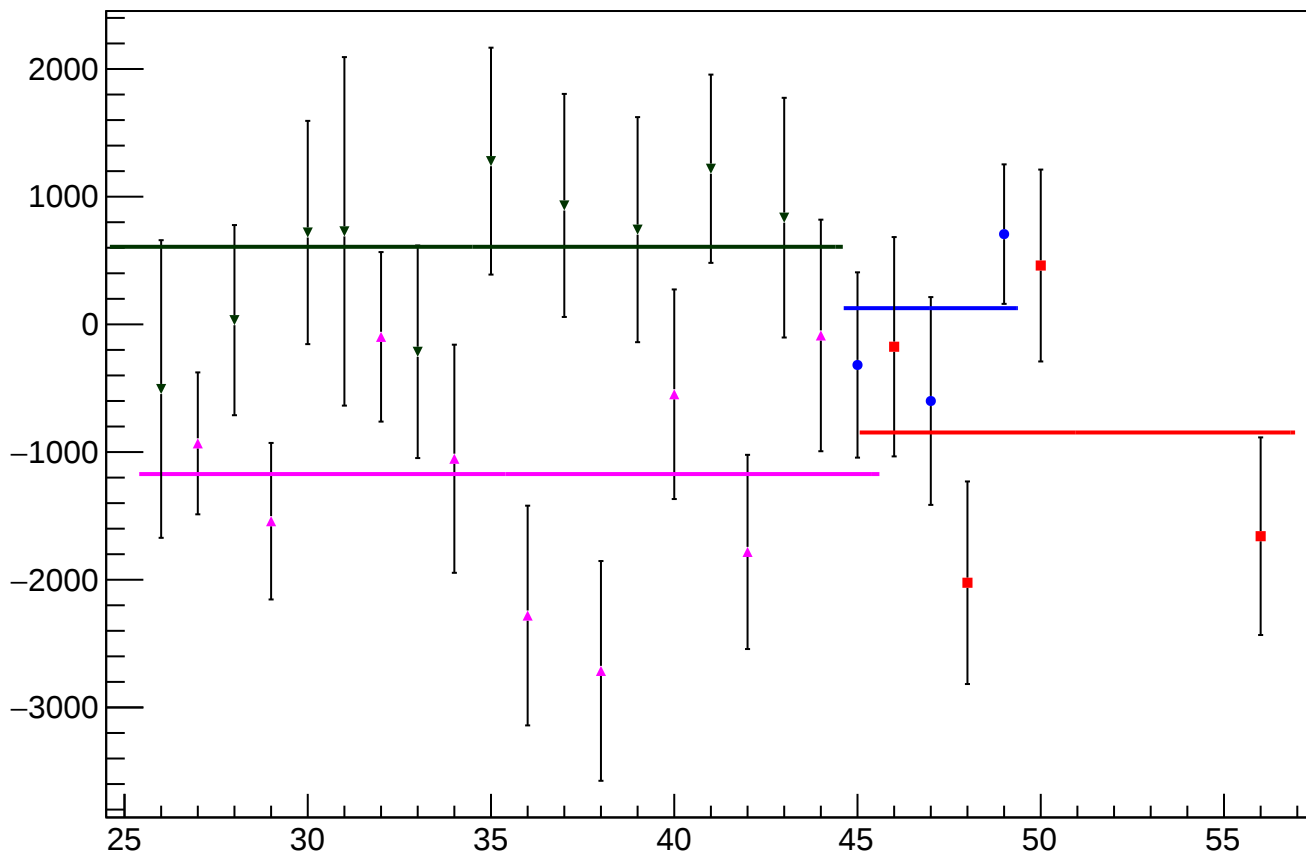
Right Out: 0.085 $\pm$ 0.000 χ^2 /NDF: 271824.6/3

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

0.082 $\pm$ 0.000 χ^2 /NDF: 169349.3/11

0.085 $\pm$ 0.000 χ^2 /NDF: 348564.8/12

asym_usl_mean vs slug



Right In: 126.971 ± 384.592 $\chi^2/\text{NDF}: 2.3/2$

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

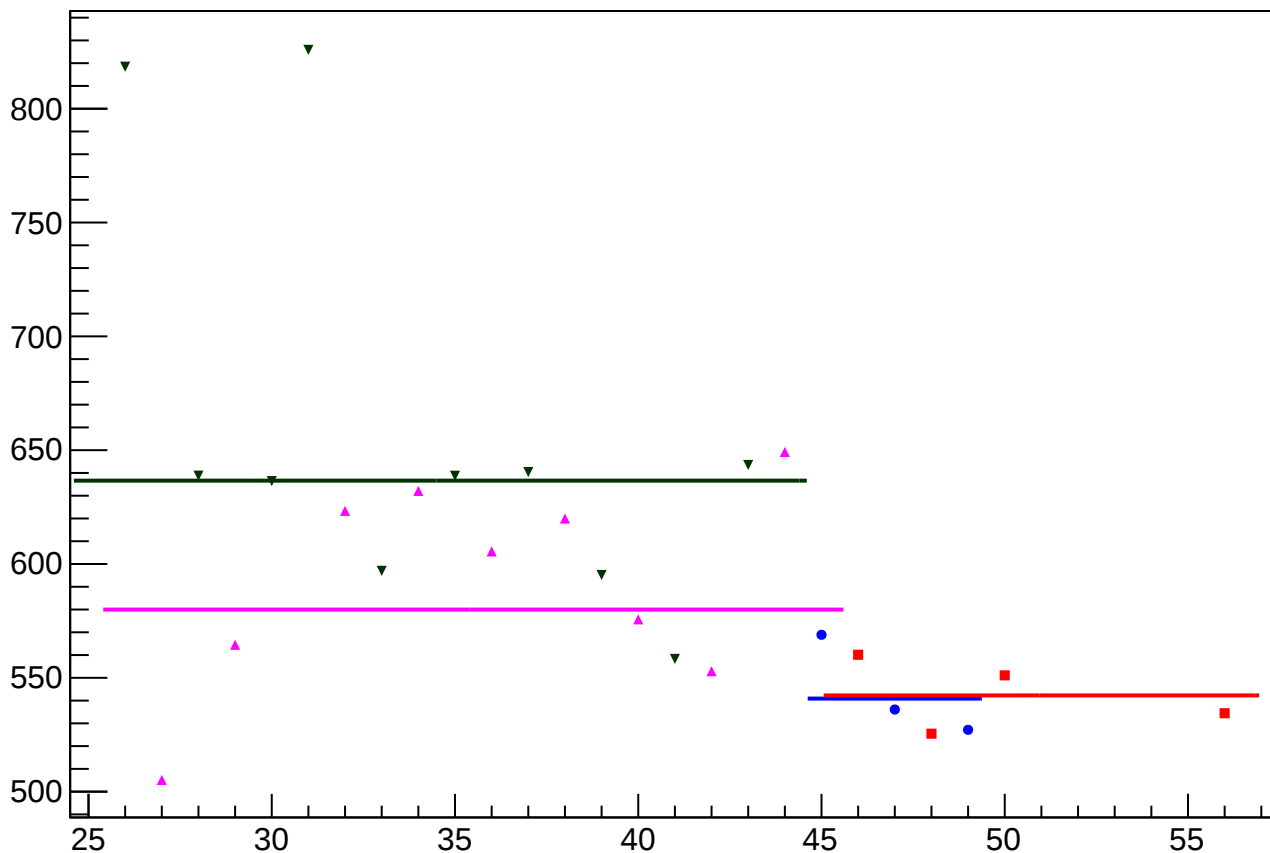
Right Out: -846.689 ± 395.732 $\chi^2/\text{NDF}: 6.9/3$

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

440.310 ± 226.869 $\chi^2/\text{NDF}: 7.3/12$

-1081.669 ± 208.793 $\chi^2/\text{NDF}: 18.1/12$

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

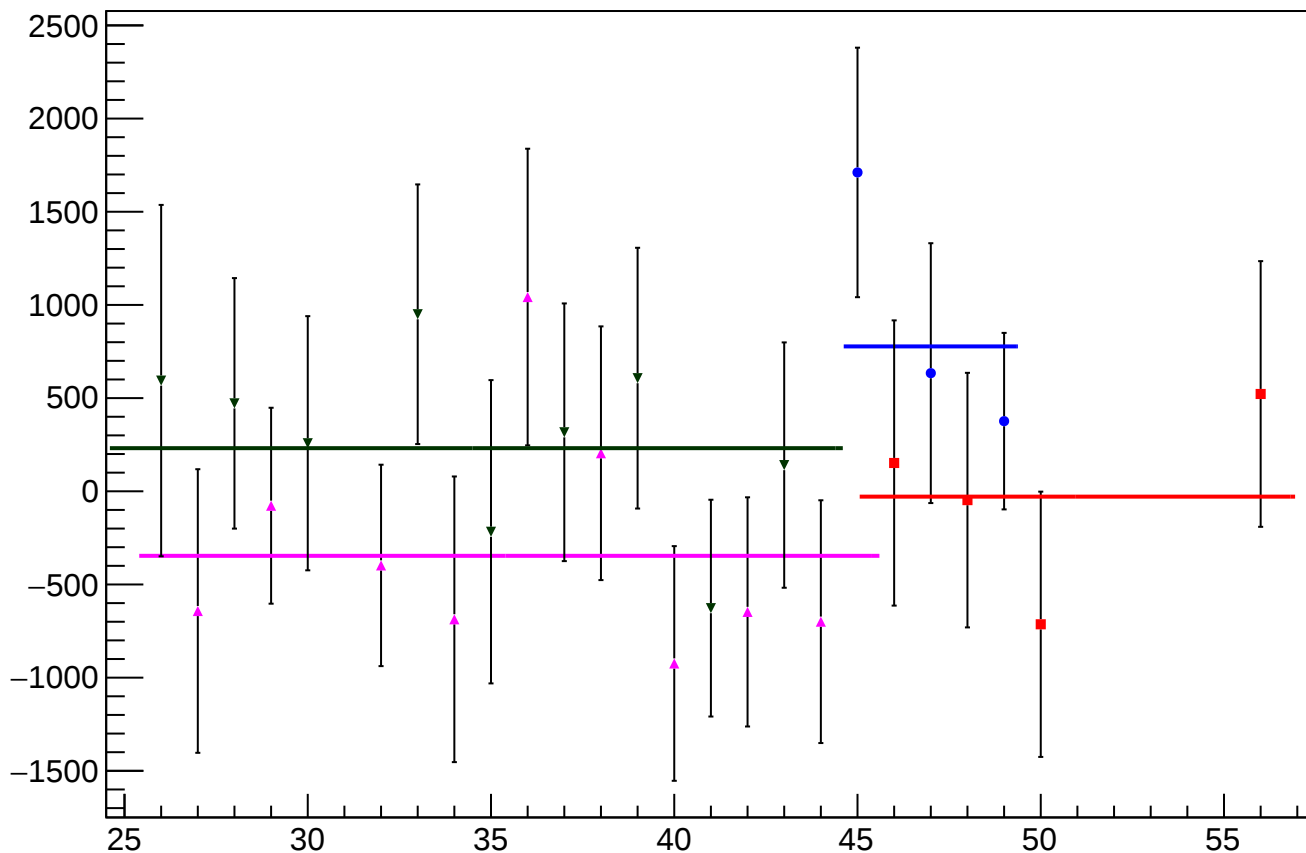
Right Out: 542.279+/-0.280 χ^2/NDF : 2242.4/3

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

603.305+/-0.160 χ^2/NDF : 203940.0/12

569.478+/-0.148 χ^2/NDF : 88541.7/12

asym_usr_mean vs slug



Right In: 777.403 $\pm$ 338.103 χ^2/NDF : 2.7/2

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

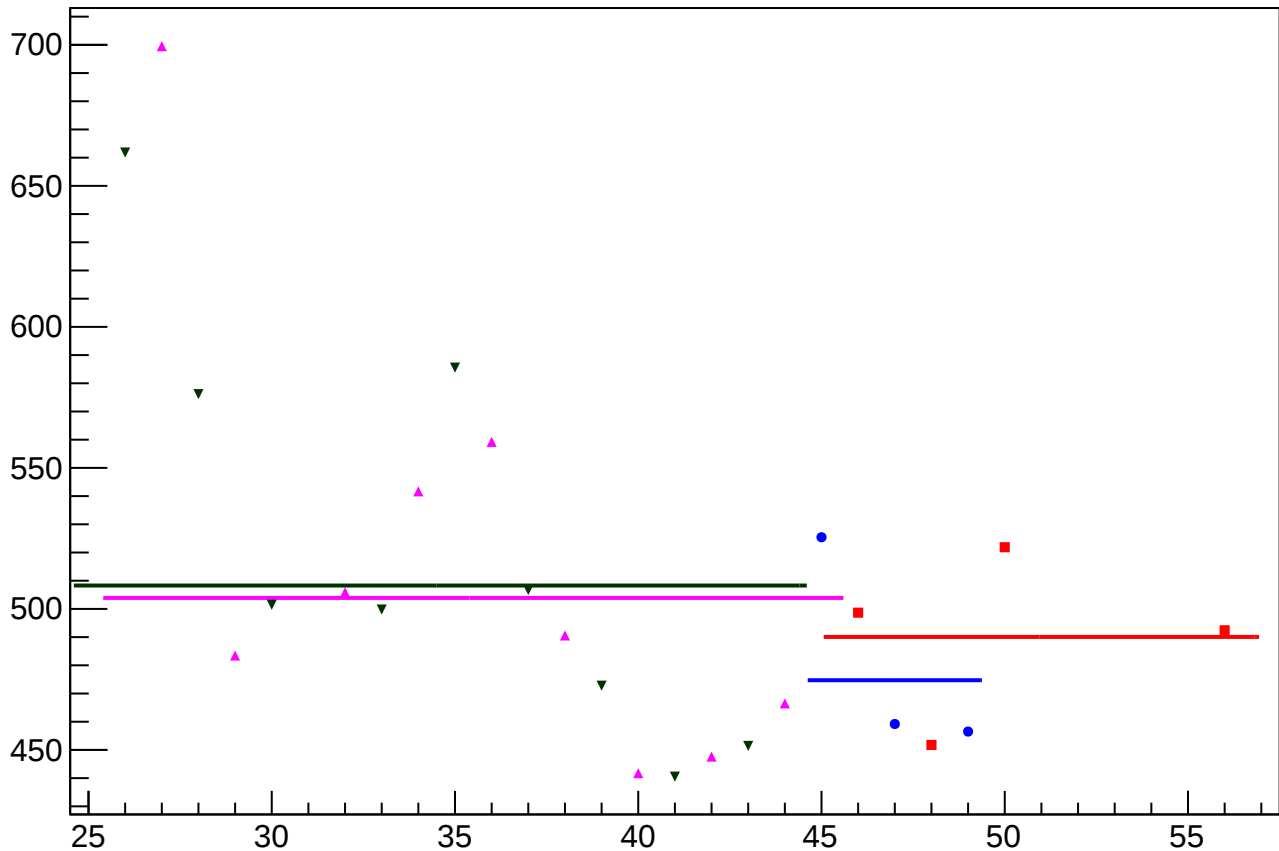
Right Out: -28.660 $\pm$ 358.210 χ^2/NDF : 1.6/3

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

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

-262.428 $\pm$ 184.027 χ^2/NDF : 7.9/12

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

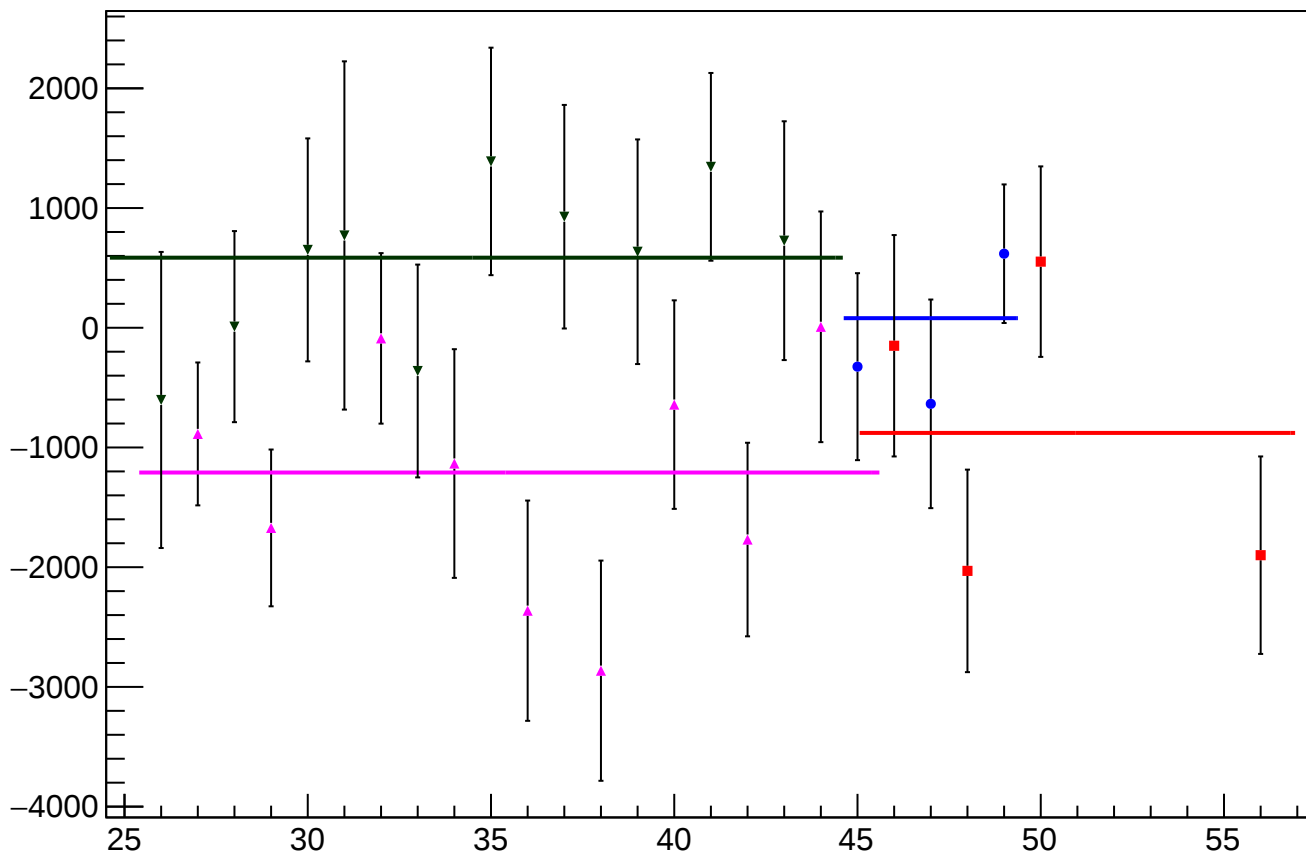
Right Out: 490.067 ± 0.253 χ^2/NDF : 10561.0/3

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

497.496 ± 0.136 χ^2/NDF : 167995.9/11

500.251 ± 0.130 χ^2/NDF : 206108.3/12

asym_dsl_mean vs slug



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

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

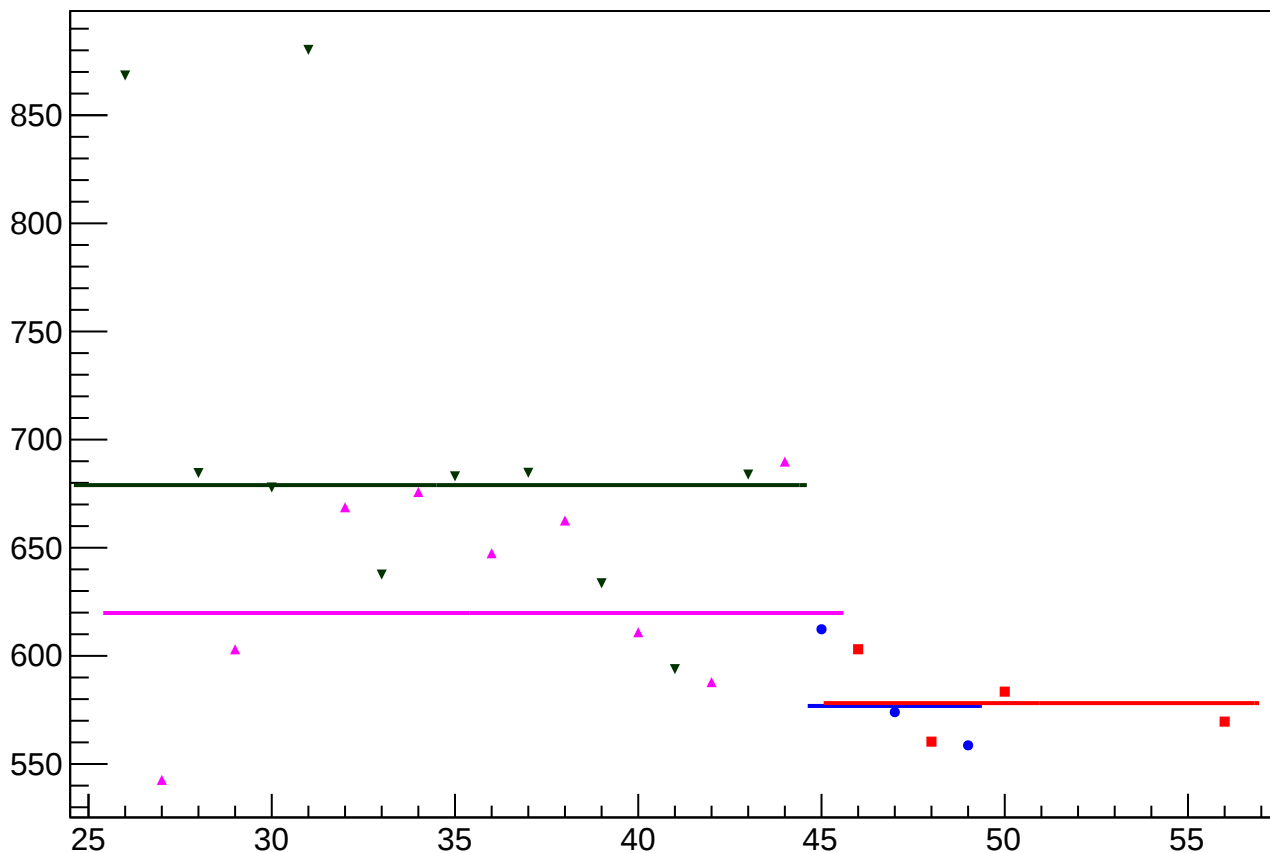
Right Out: -878.398 ± 421.927 $\chi^2/\text{NDF}: 7.2/3$

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

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

-1116.849 ± 222.971 $\chi^2/\text{NDF}: 18.3/12$

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

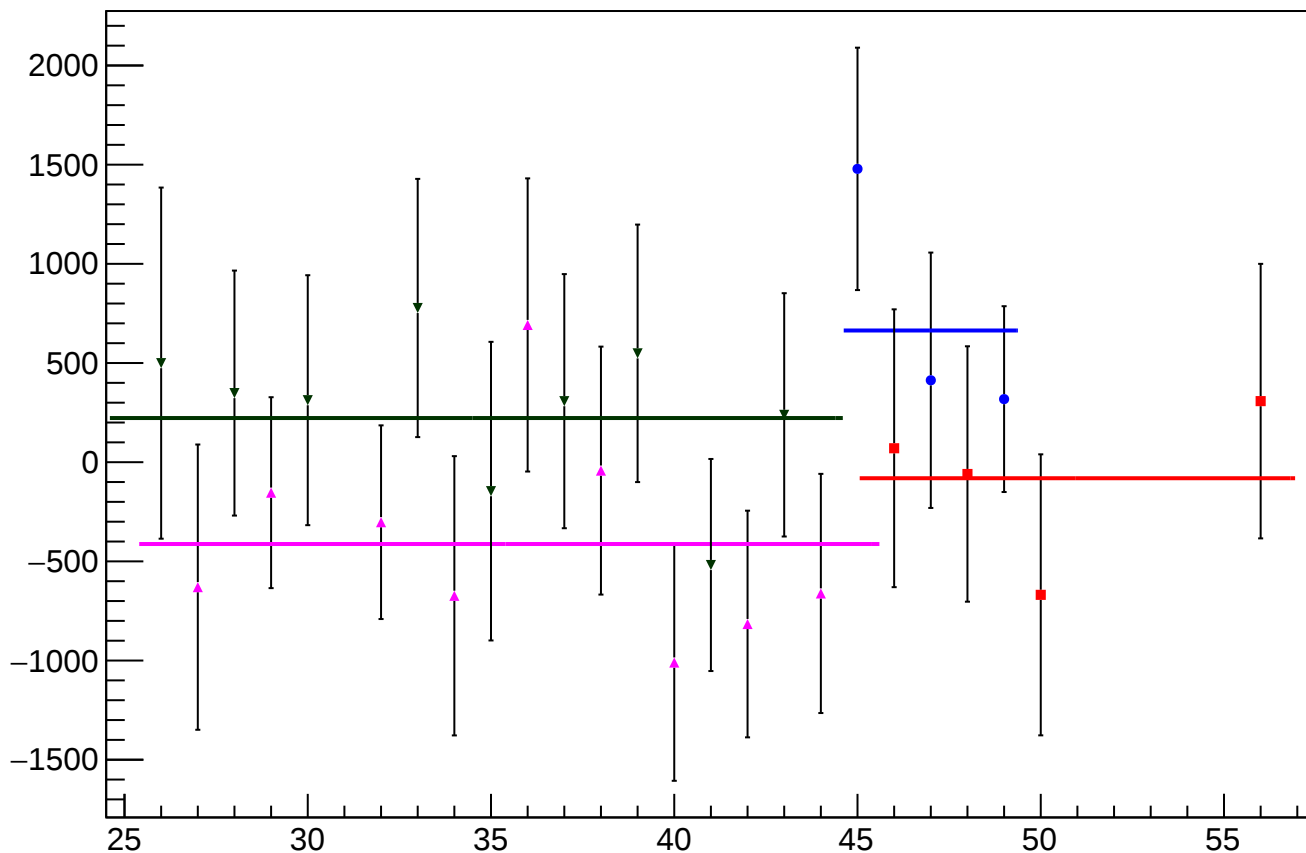
Right Out: 578.160 ± 0.298 χ^2/NDF : 2642.5/3

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

643.435 ± 0.171 χ^2/NDF : 204966.2/12

608.186 ± 0.158 χ^2/NDF : 87756.6/12

asym_dsr_mean vs slug



Right In: 663.963 ± 321.923 χ^2/NDF : 2.5/2

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

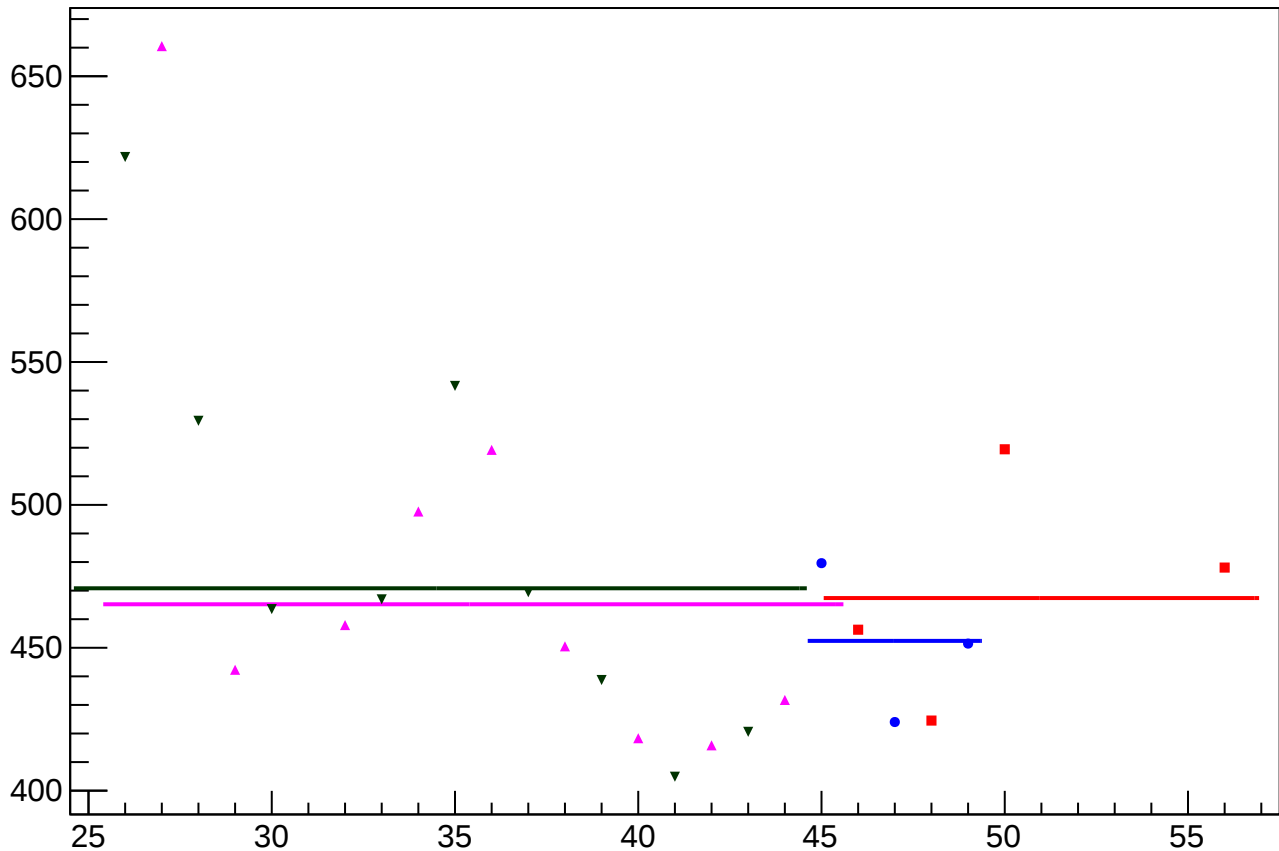
Right Out: -80.852 ± 342.347 χ^2/NDF : 1.1/3

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

359.303 ± 179.145 χ^2/NDF : 7.1/11

-329.307 ± 171.462 χ^2/NDF : 6.6/12

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

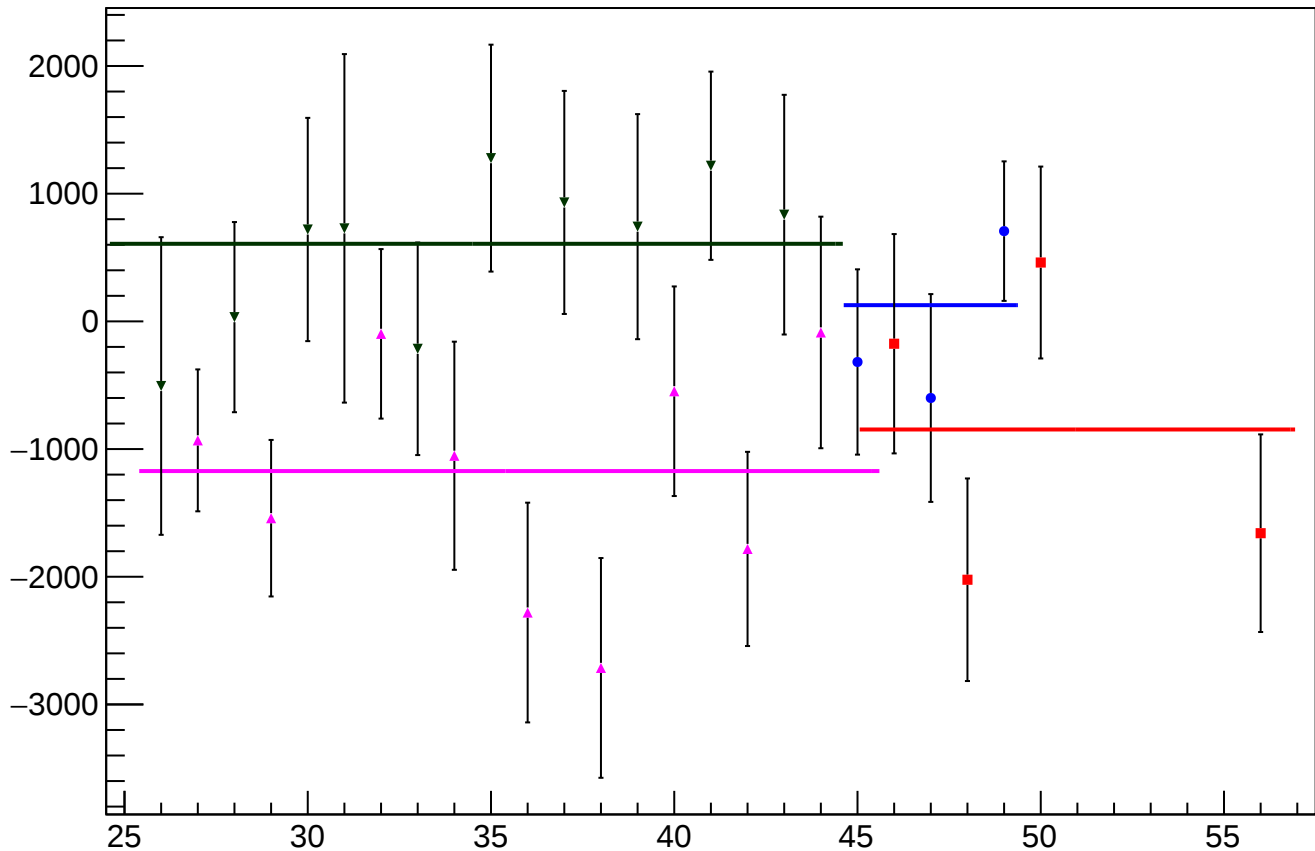
465.118+/-0.127 χ^2/NDF : 155310.5/11

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

465.769+/-0.121 χ^2/NDF : 222729.3/12

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

cor_usl_mean vs slug



Right In: 126.971 ± 384.592 $\chi^2/\text{NDF}: 2.3/2$

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

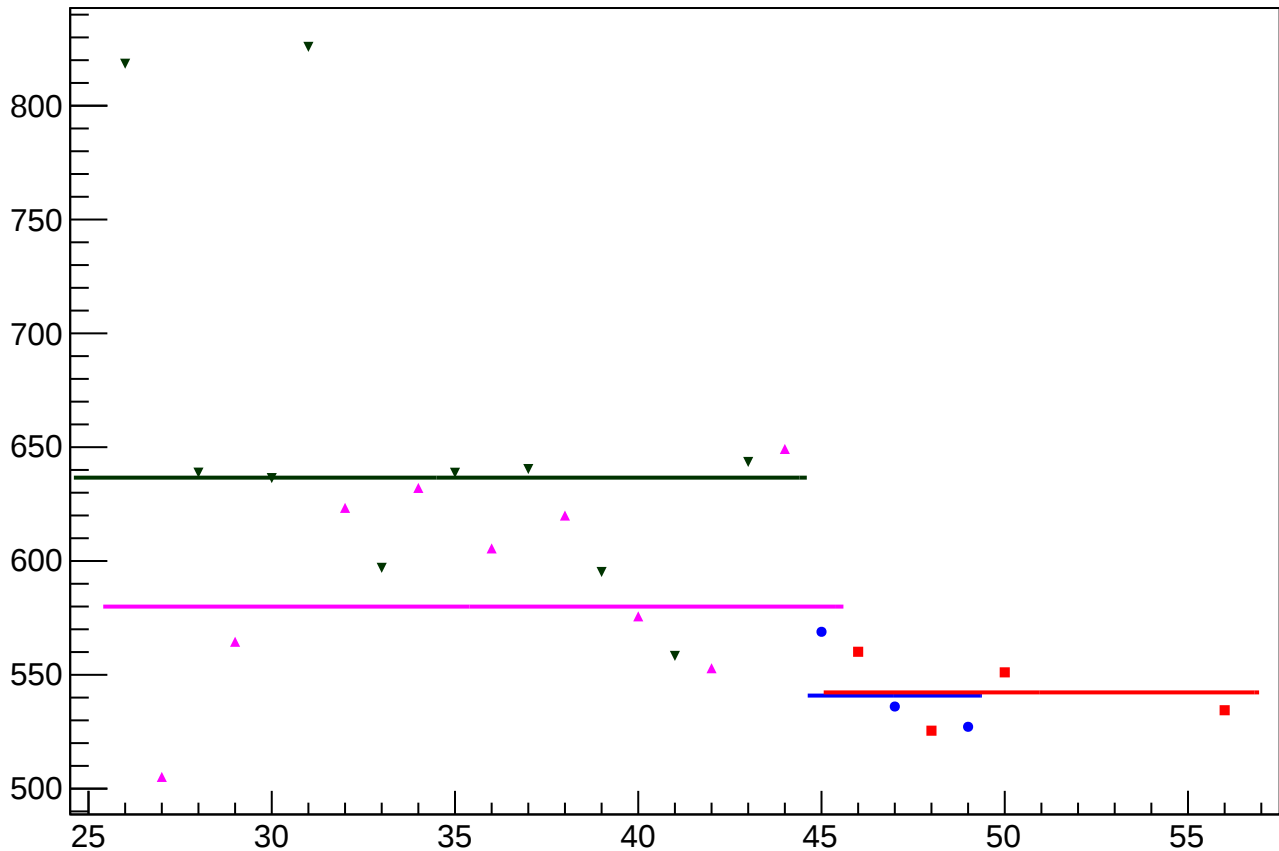
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Left In: -1172.316 ± 245.788 $\chi^2/\text{NDF}: 10.7/8$

440.310 ± 226.869 $\chi^2/\text{NDF}: 7.3/12$

-1081.669 ± 208.793 $\chi^2/\text{NDF}: 18.1/12$

cor_usl_rms vs slug



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

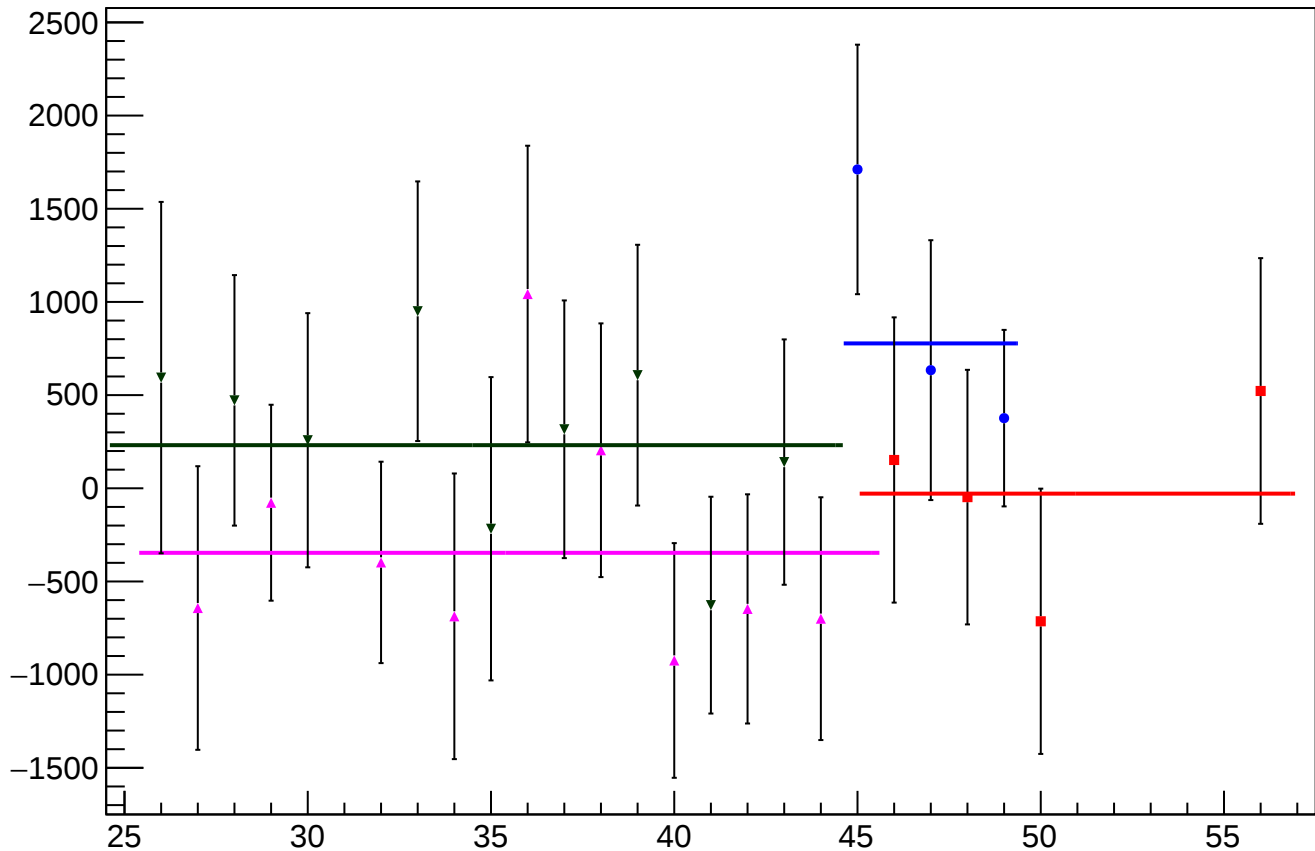
603.305+/-0.160 χ^2/NDF : 203940.0/12

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

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

569.478+/-0.148 χ^2/NDF : 88541.7/12

cor_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

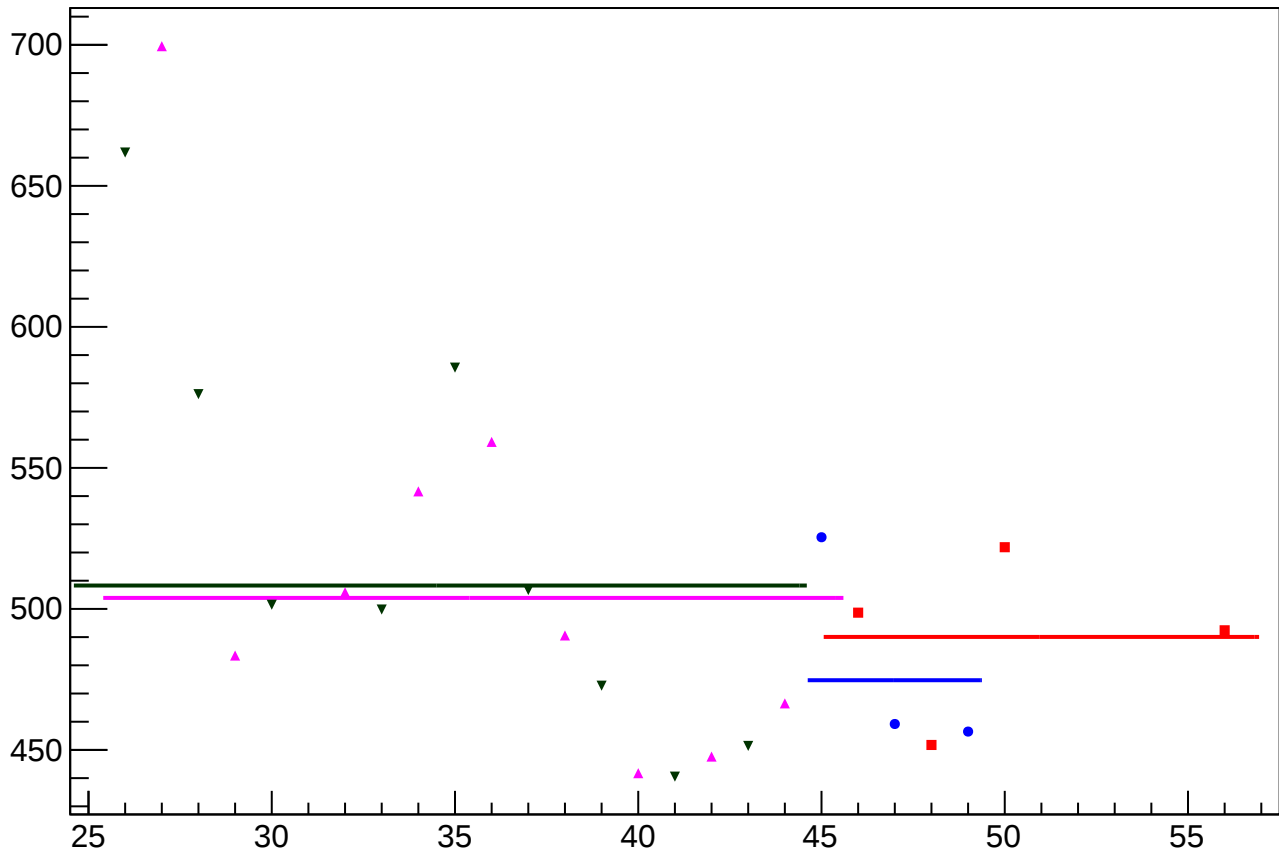
Right Out: -28.660 ± 358.210 χ^2/NDF : 1.6/3

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

406.965 ± 191.717 χ^2/NDF : 8.6/11

-262.428 ± 184.027 χ^2/NDF : 7.9/12

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

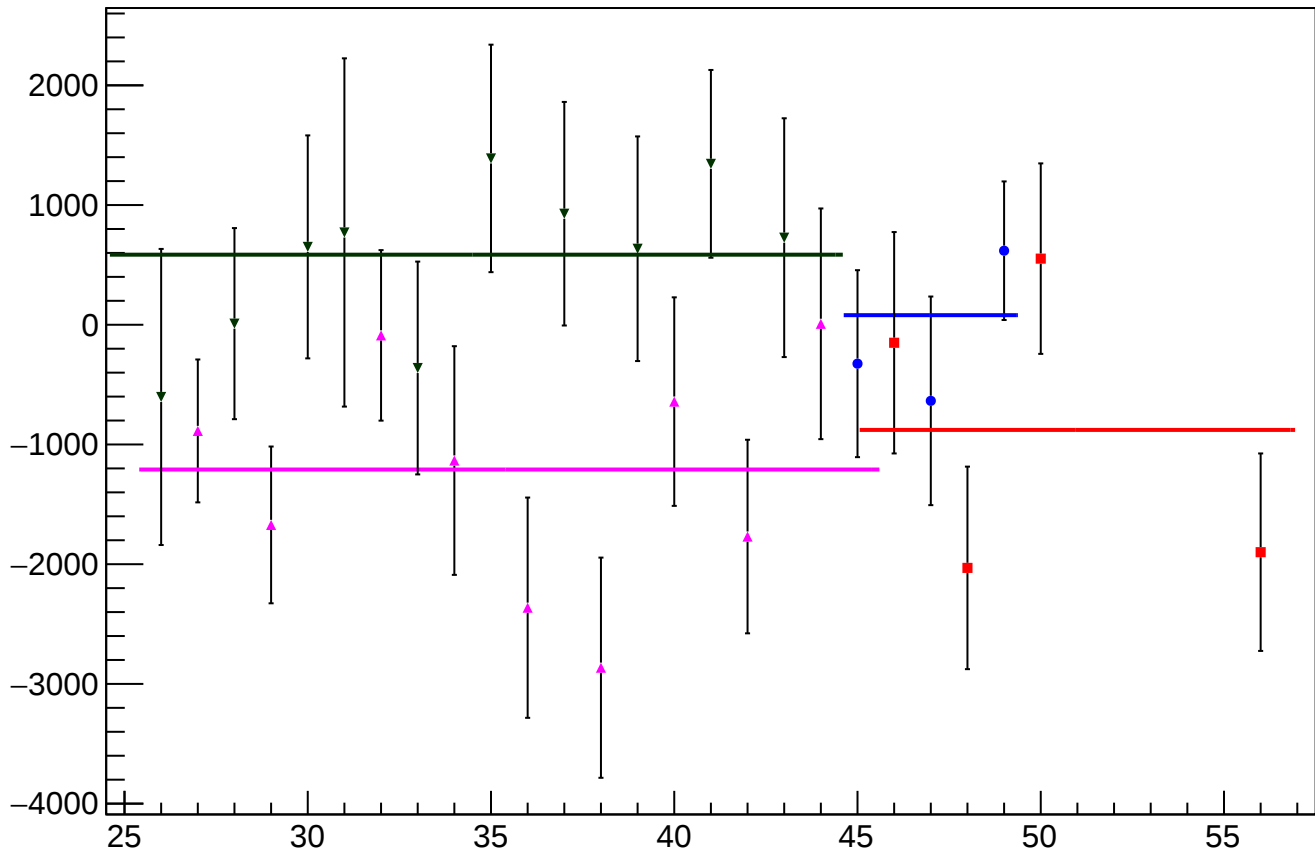
Right Out: 490.067 ± 0.253 χ^2/NDF : 10561.0/3

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

497.496 ± 0.136 χ^2/NDF : 167995.9/11

500.251 ± 0.130 χ^2/NDF : 206108.3/12

cor_dsl_mean vs slug



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

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

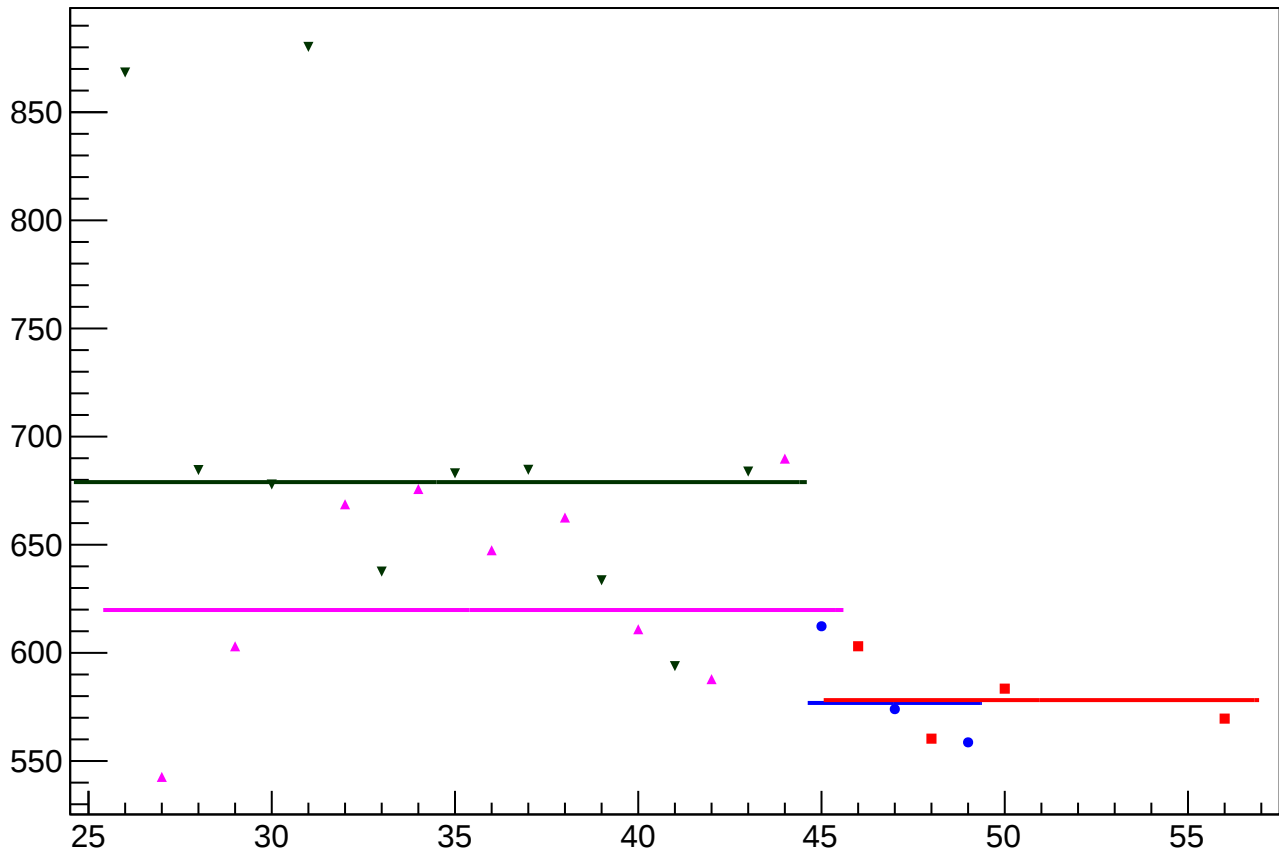
Right Out: -878.398 ± 421.927 $\chi^2/\text{NDF}: 7.2/3$

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

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

-1116.849 ± 222.971 $\chi^2/\text{NDF}: 18.3/12$

cor_dsl_rms vs slug



Right In: 576.845 $\pm$ 0.290 χ^2 /NDF: 6128.0/2

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

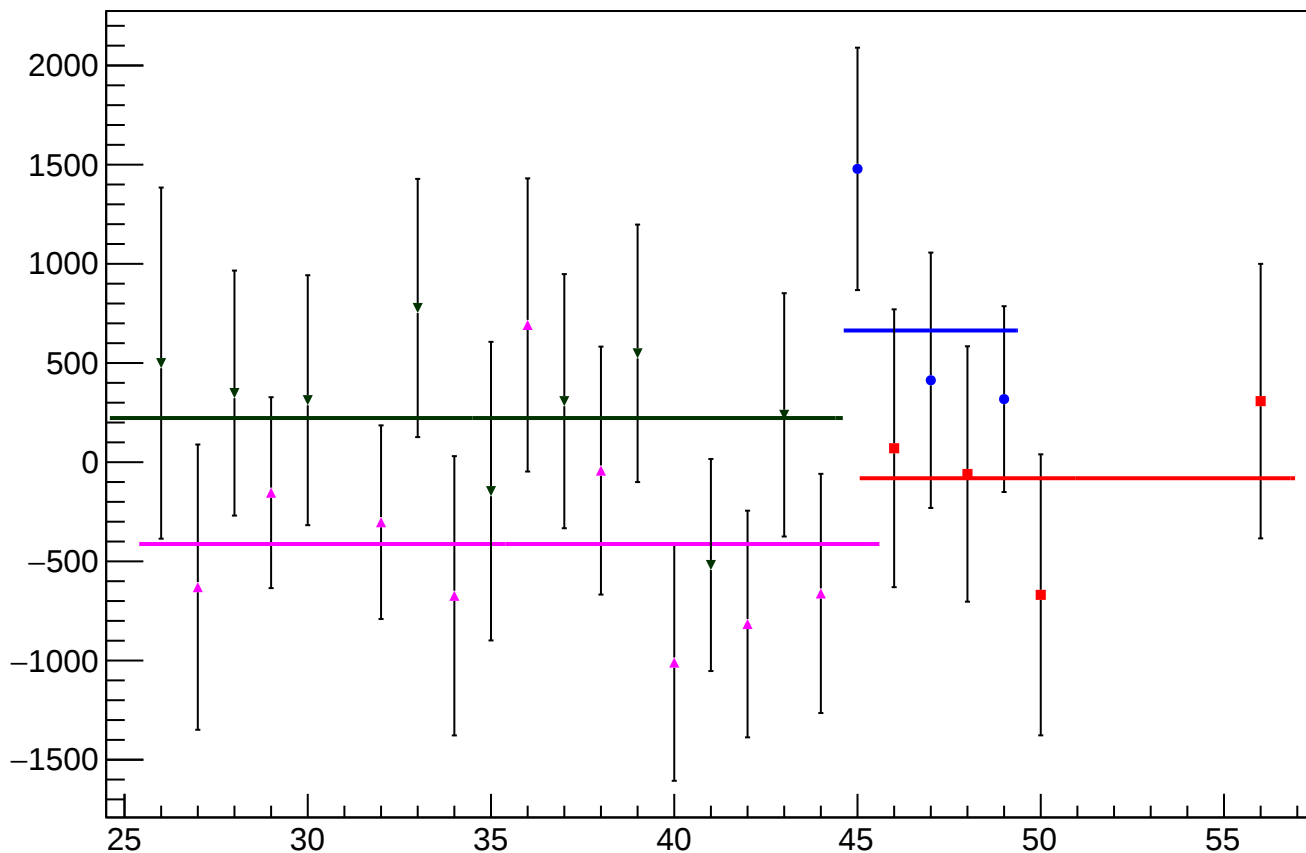
643.435 $\pm$ 0.171 χ^2 /NDF: 204966.2/12

Right Out: 578.160 $\pm$ 0.298 χ^2 /NDF: 2642.5/3

608.186 $\pm$ 0.158 χ^2 /NDF: 87756.6/12

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

cor_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

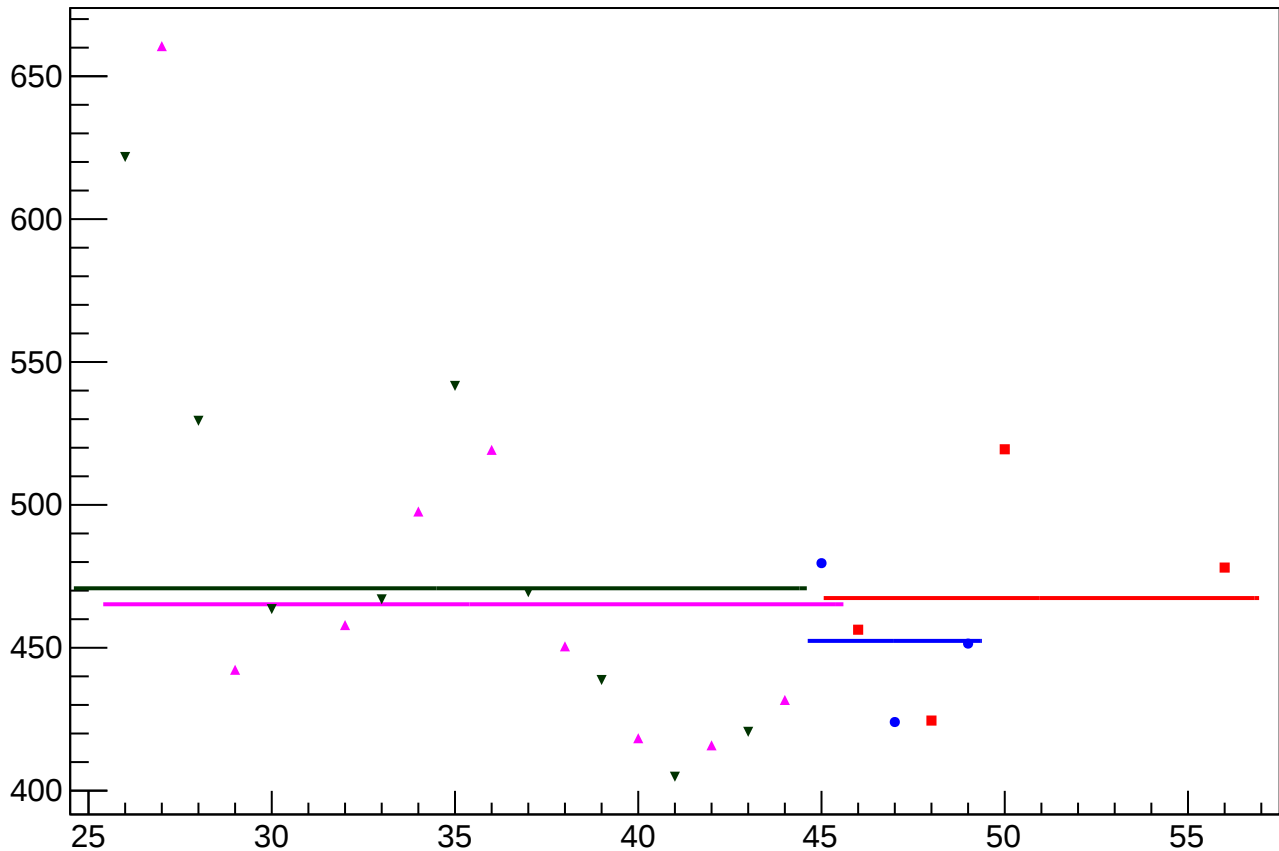
Right Out: -80.852 $\pm$ 342.347 χ^2 /NDF: 1.1/3

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

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

-329.307 $\pm$ 171.462 χ^2 /NDF: 6.6/12

cor_dsr_rms vs slug



Right In: 452.413 $\pm$ 0.228 χ^2 /NDF: 7861.9/2

465.118 $\pm$ 0.127 χ^2 /NDF: 155310.5/11

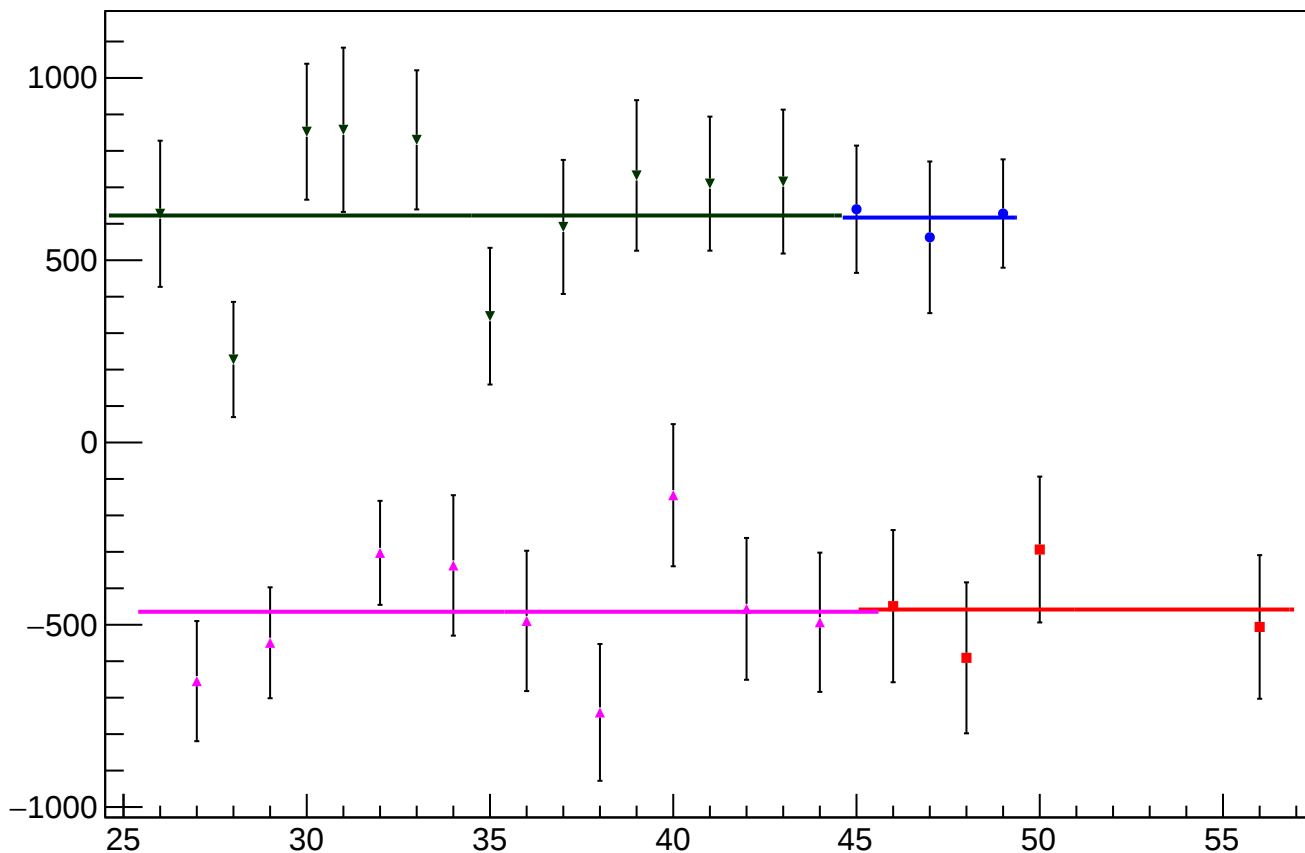
Left Out: 470.818 $\pm$ 0.152 χ^2 /NDF: 142935.9/8

465.769 $\pm$ 0.121 χ^2 /NDF: 222729.3/12

Right Out: 467.401 $\pm$ 0.242 χ^2 /NDF: 20644.4/3

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

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

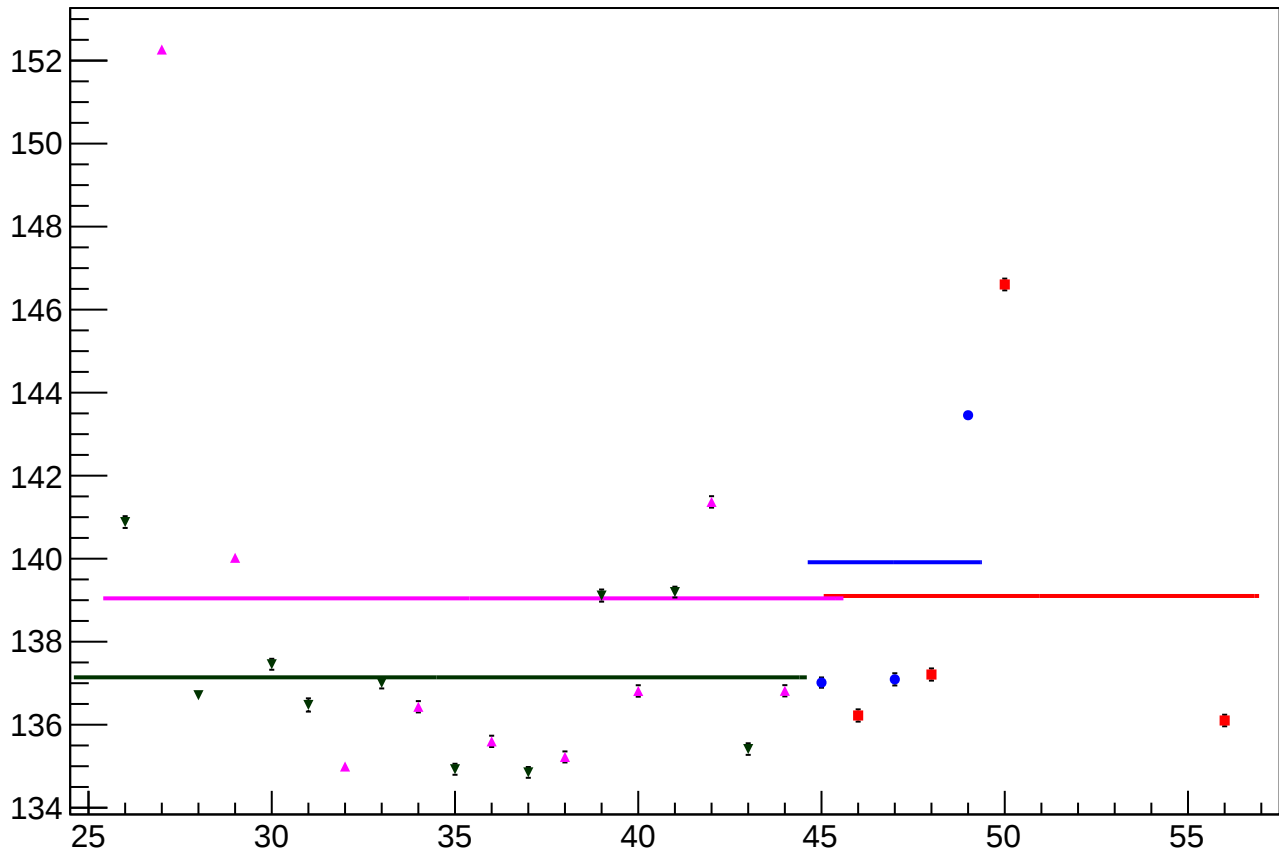
Right Out: -458.182 $\pm$ 101.526 χ^2 /NDF: 1.1/3

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

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

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

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

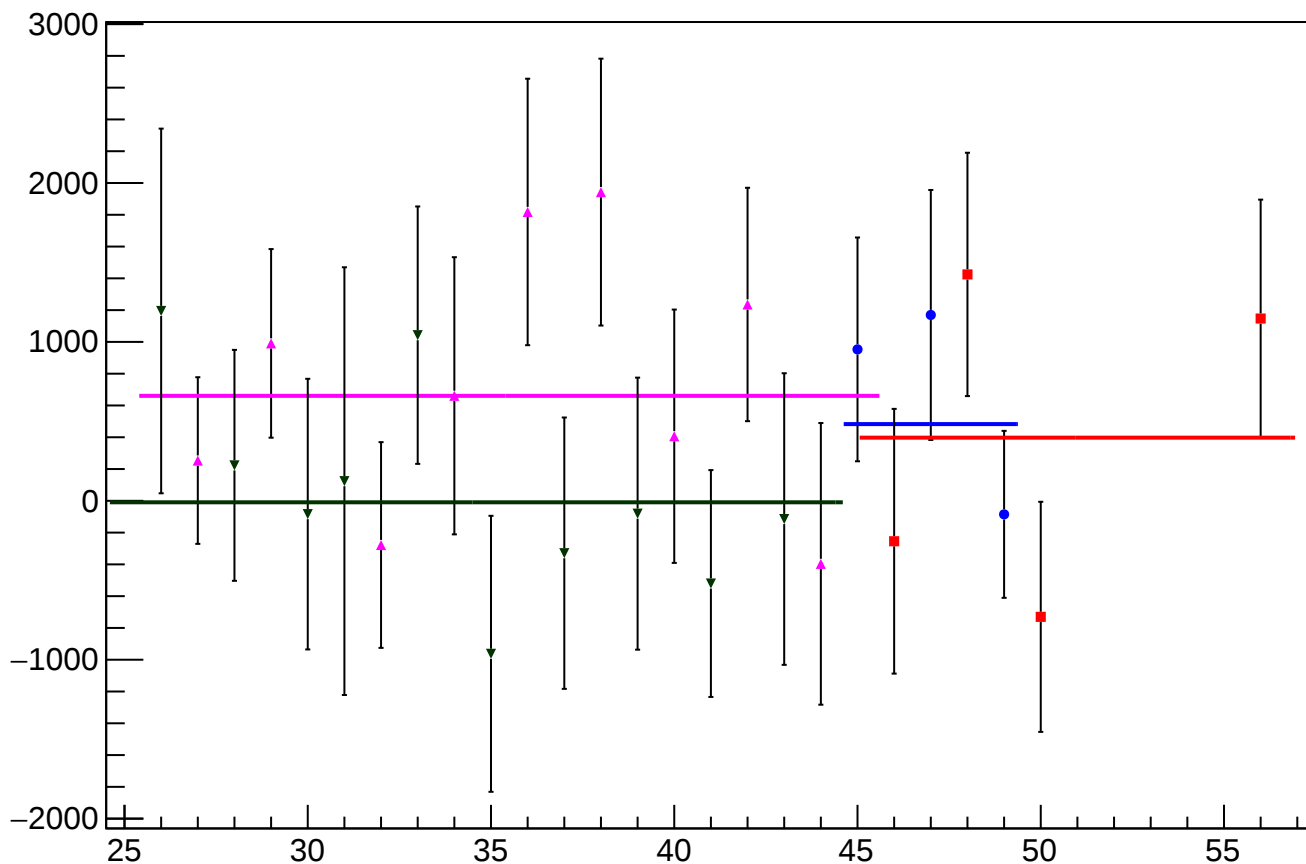
Right Out: 139.101 ± 0.072 χ^2/NDF : 3825.2/3

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

137.882 ± 0.036 χ^2/NDF : 5104.7/12

139.058 ± 0.036 χ^2/NDF : 21058.1/12

asym_usl_correction_mean vs slug



Right In: 482.791+/-371.217 χ^2/NDF : 2.4/2

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

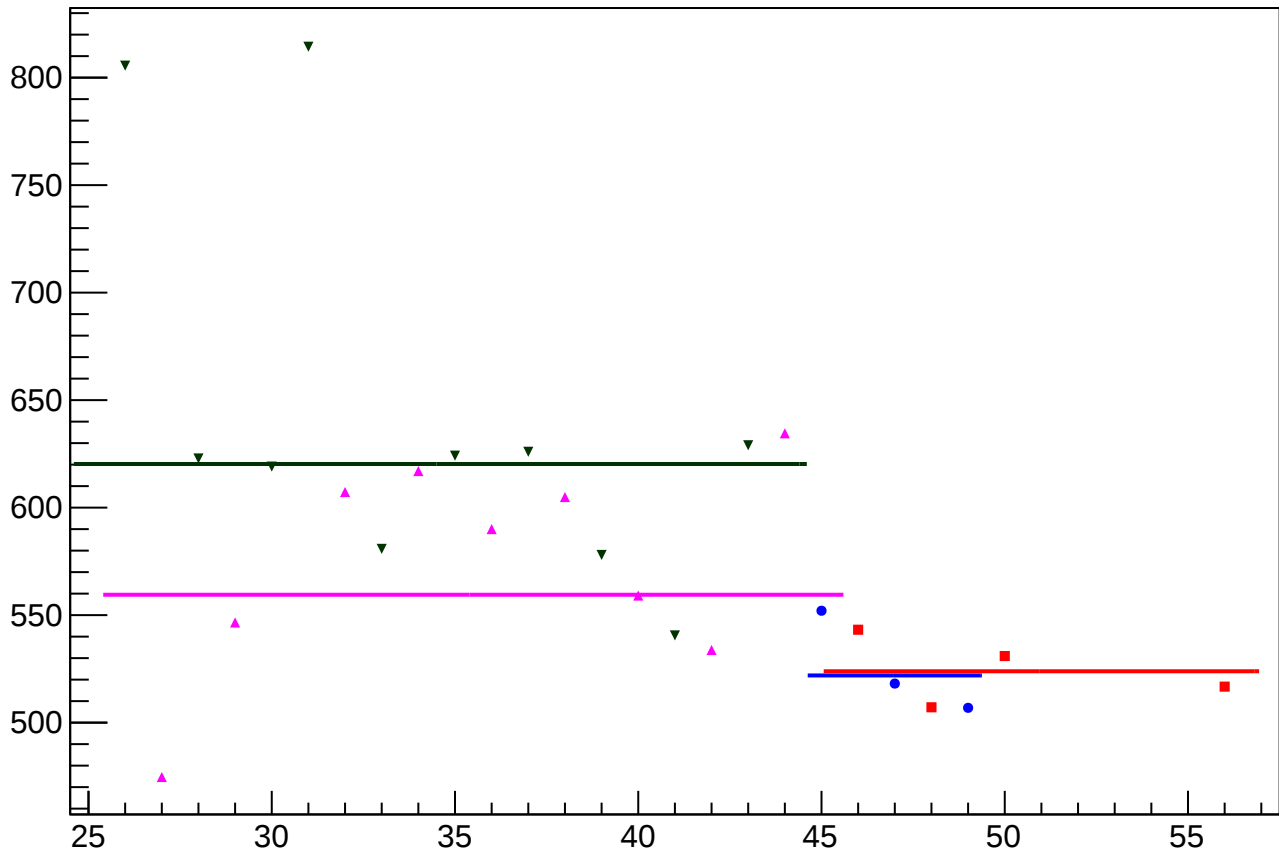
Right Out: 397.481+/-382.342 χ^2/NDF : 5.8/3

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

164.171+/-220.435 χ^2/NDF : 8.3/12

587.347+/-201.782 χ^2/NDF : 15.6/12

asym_usl_correction_rms vs slug



Right In: 521.942 $\pm$ 0.262 χ^2 /NDF: 5344.1/2

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

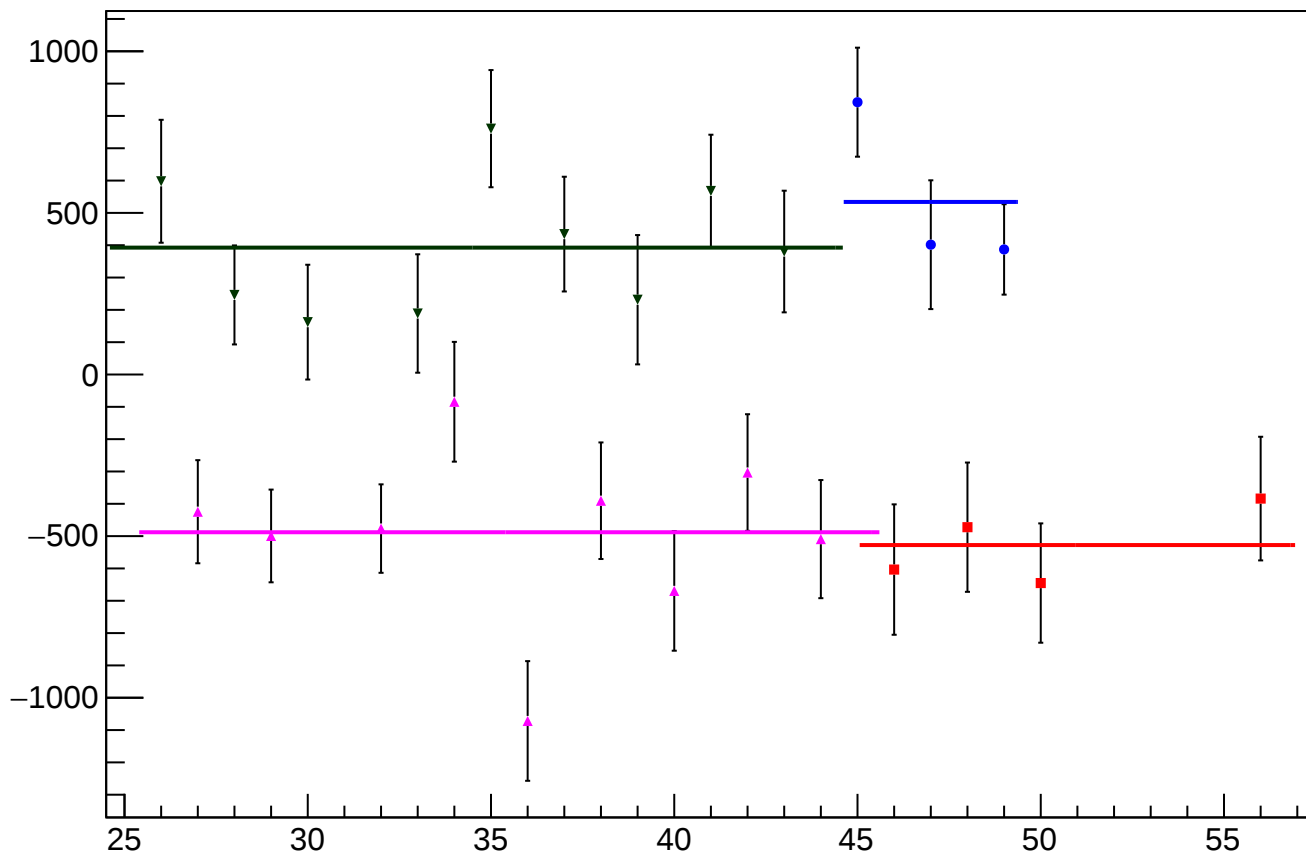
585.612 $\pm$ 0.156 χ^2 /NDF: 224896.2/12

Right Out: 523.892 $\pm$ 0.270 χ^2 /NDF: 2407.4/3

549.566 $\pm$ 0.143 χ^2 /NDF: 113042.6/12

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

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

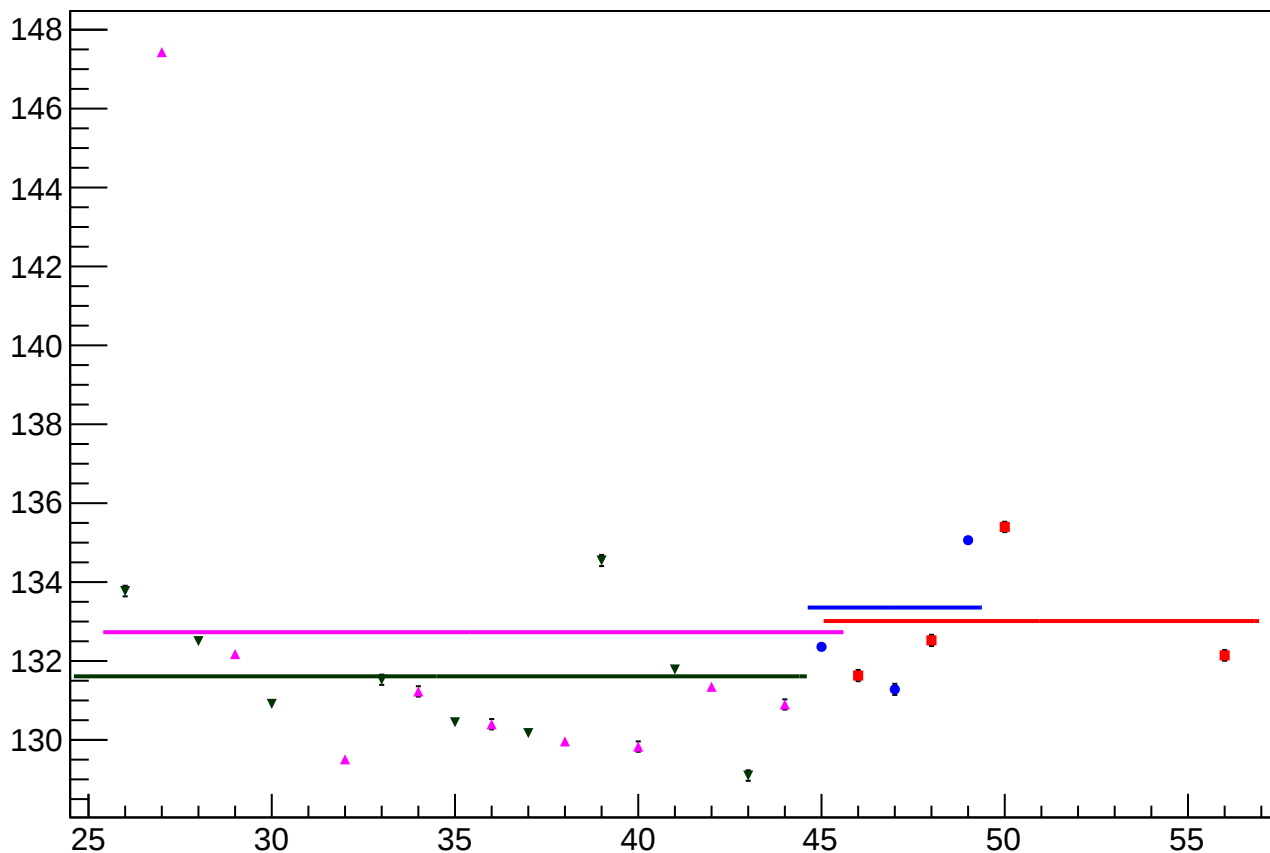
Right Out: -527.639 $\pm$ 97.010 χ^2/NDF : 1.2/3

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

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

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

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

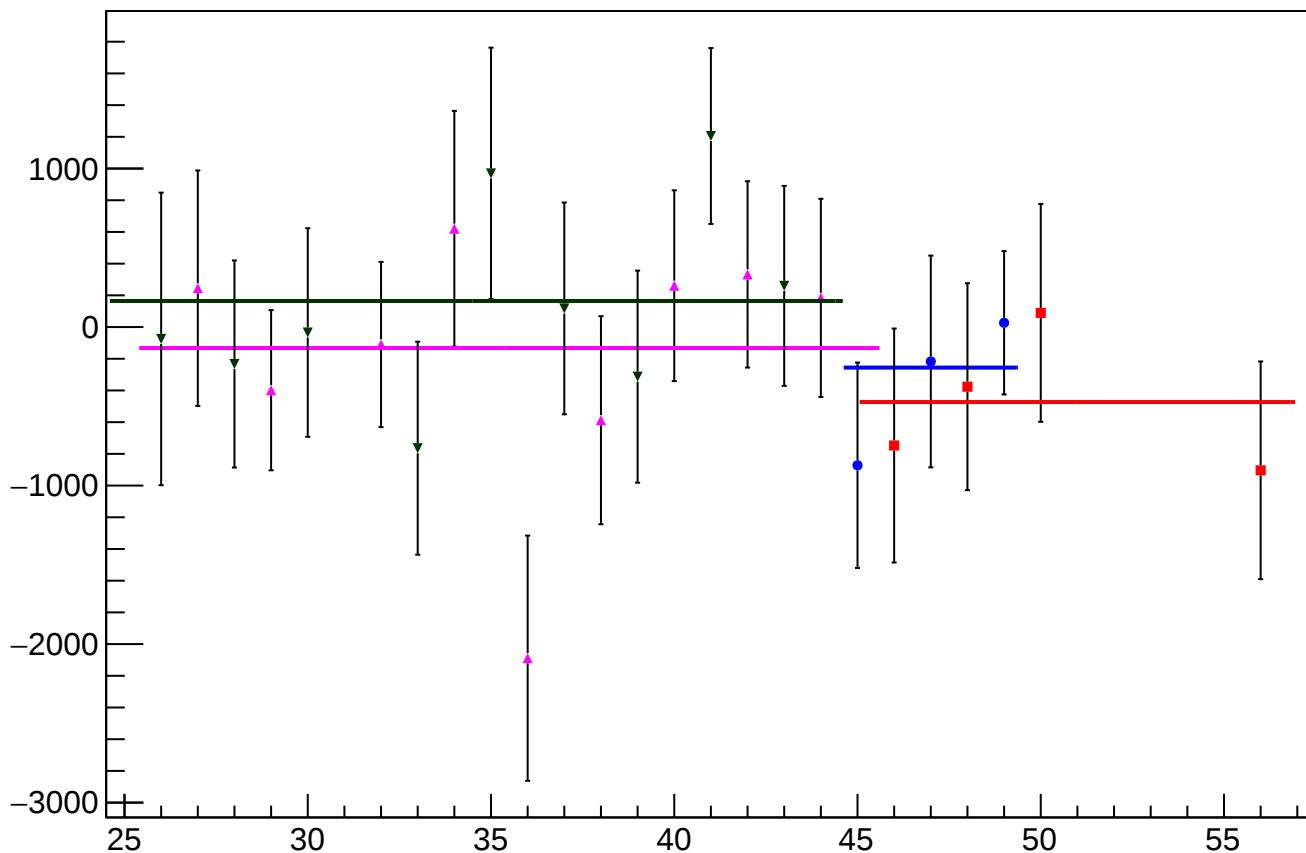
Right Out: 133.013 ± 0.069 χ^2/NDF : 481.4/3

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

132.108 ± 0.036 χ^2/NDF : 2430.9/11

132.801 ± 0.034 χ^2/NDF : 20354.6/12

asym_usr_correction_mean vs slug



Right In: -255.718 ± 324.100 $\chi^2/\text{NDF}: 1.3/2$

Left Out: 164.304 ± 224.343 $\chi^2/\text{NDF}: 7.5/8$

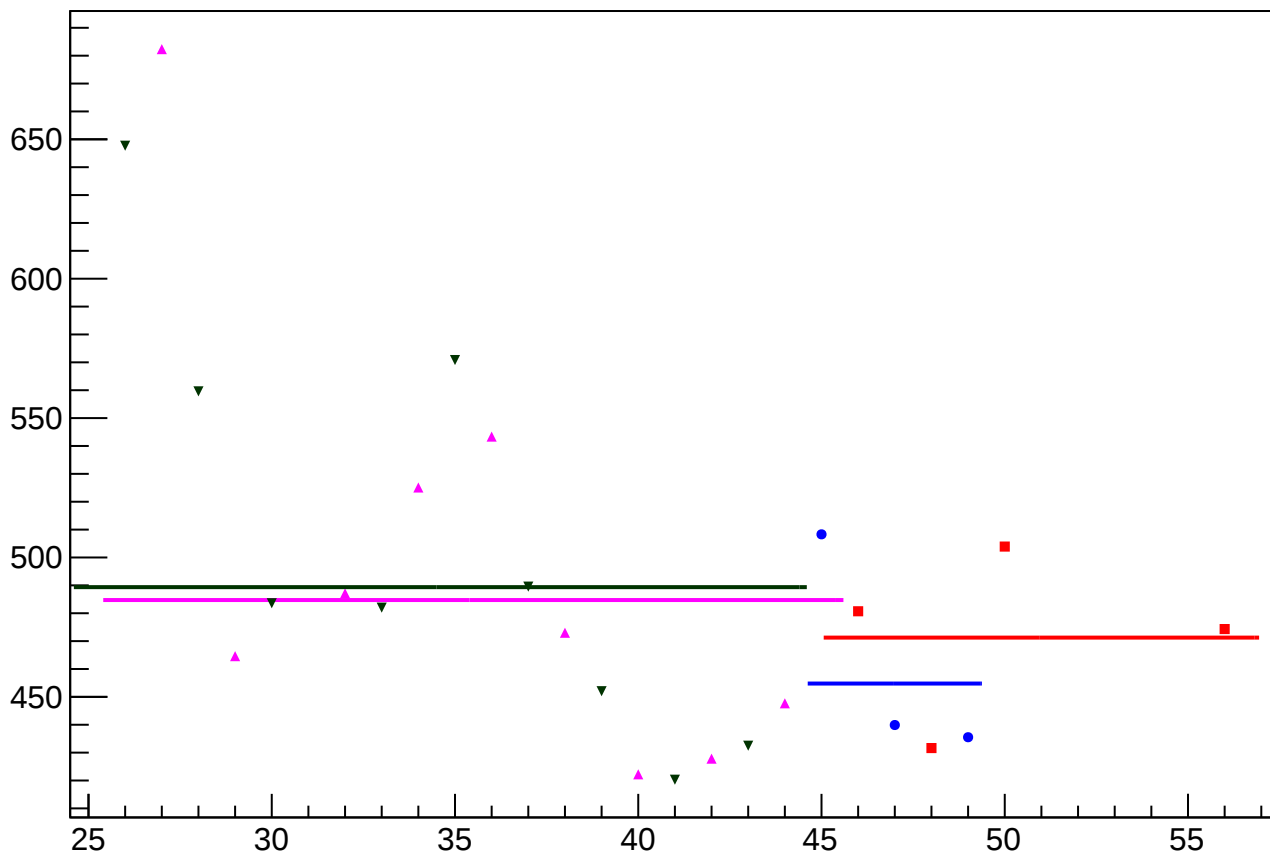
Right Out: -472.963 ± 344.588 $\chi^2/\text{NDF}: 1.2/3$

Left In: -132.313 ± 206.592 $\chi^2/\text{NDF}: 9.7/8$

28.244 ± 184.462 $\chi^2/\text{NDF}: 10.0/11$

-222.382 ± 177.188 $\chi^2/\text{NDF}: 11.7/12$

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

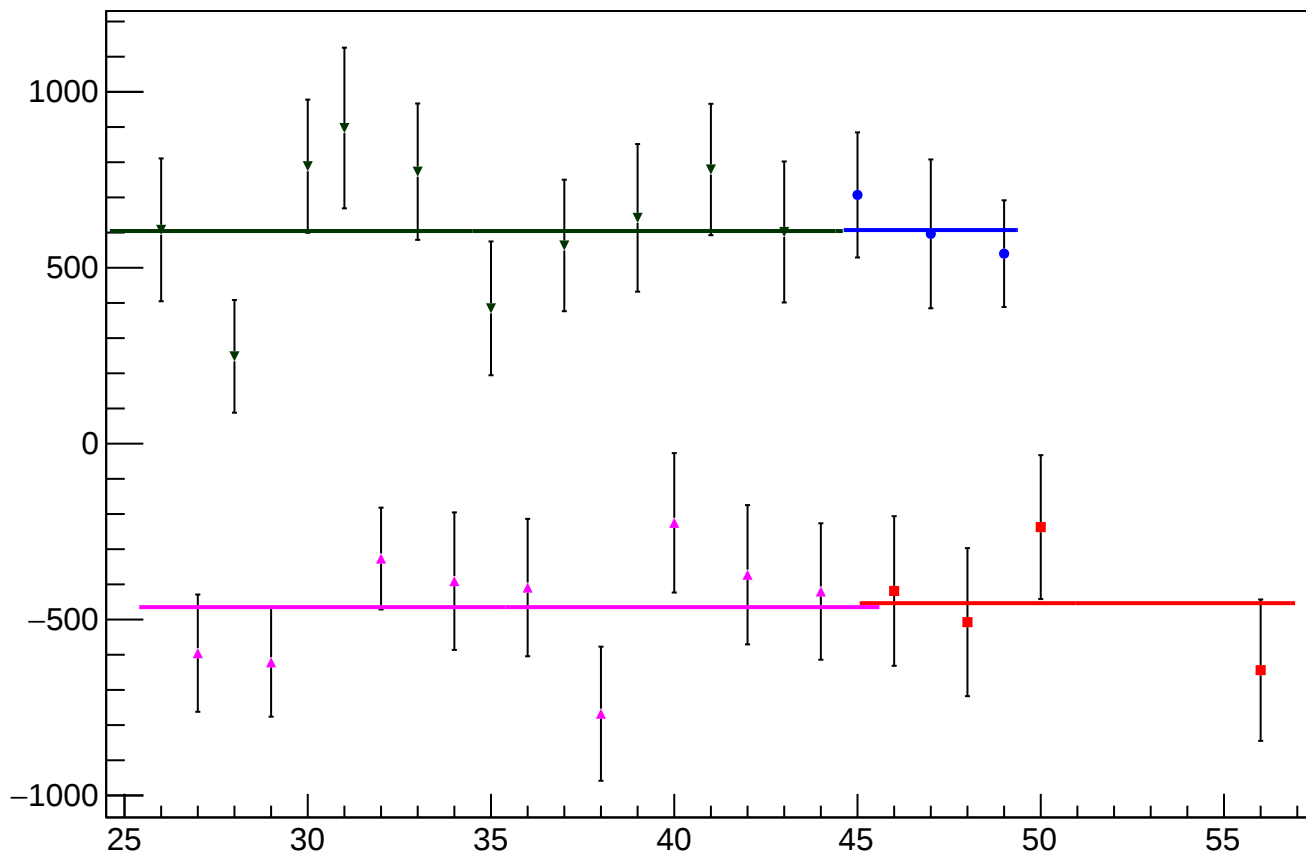
Right Out: 471.260 ± 0.244 χ^2/NDF : 12251.1/3

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

478.159 ± 0.130 χ^2/NDF : 190627.6/11

481.171 ± 0.125 χ^2/NDF : 224659.5/12

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

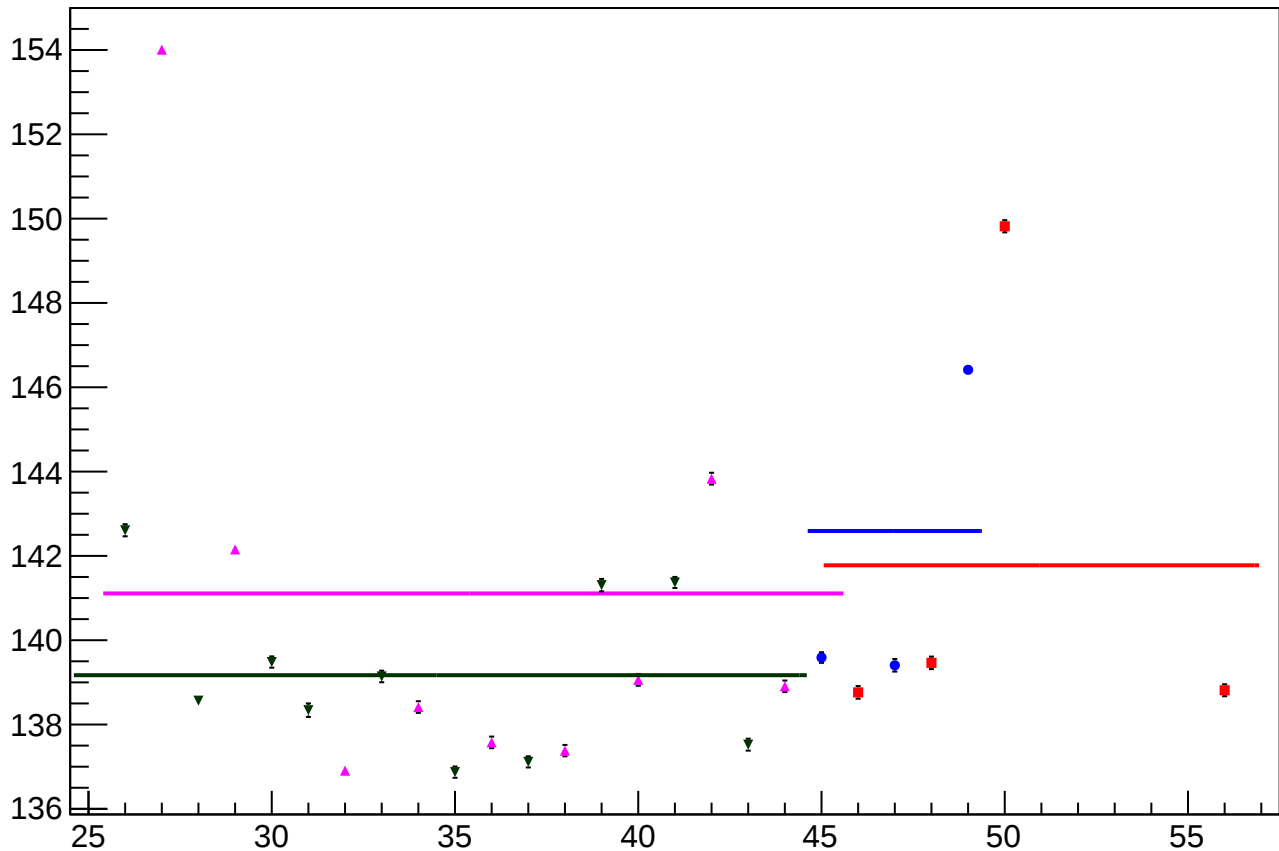
Right Out: -453.409+/-103.491 χ^2/NDF : 2.1/3

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

605.150+/-52.207 χ^2/NDF : 11.1/12

-461.882+/-51.536 χ^2/NDF : 9.2/12

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

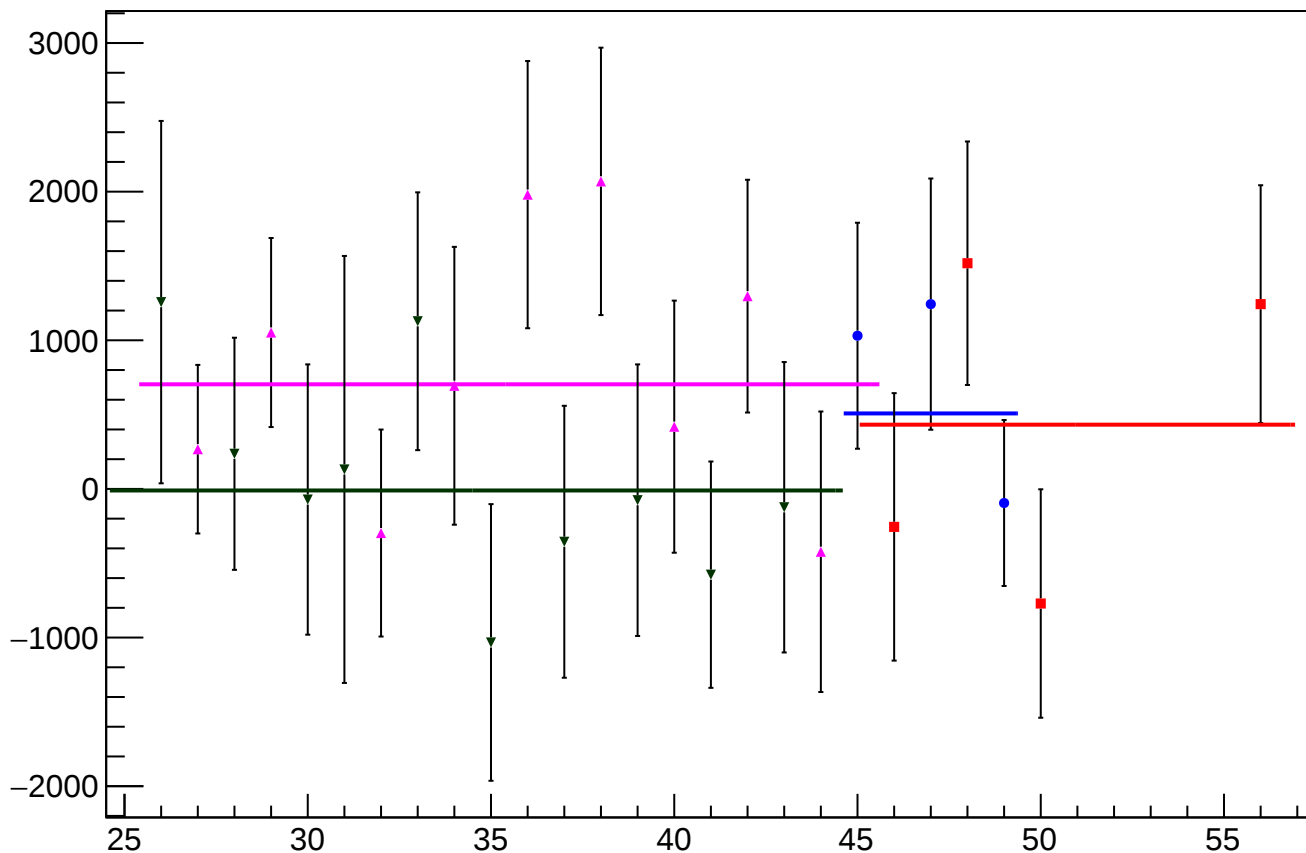
Right Out: 141.777+/-0.073 χ^2/NDF : 4171.7/3

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

140.079+/-0.037 χ^2/NDF : 5755.4/12

141.275+/-0.036 χ^2/NDF : 20643.2/12

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

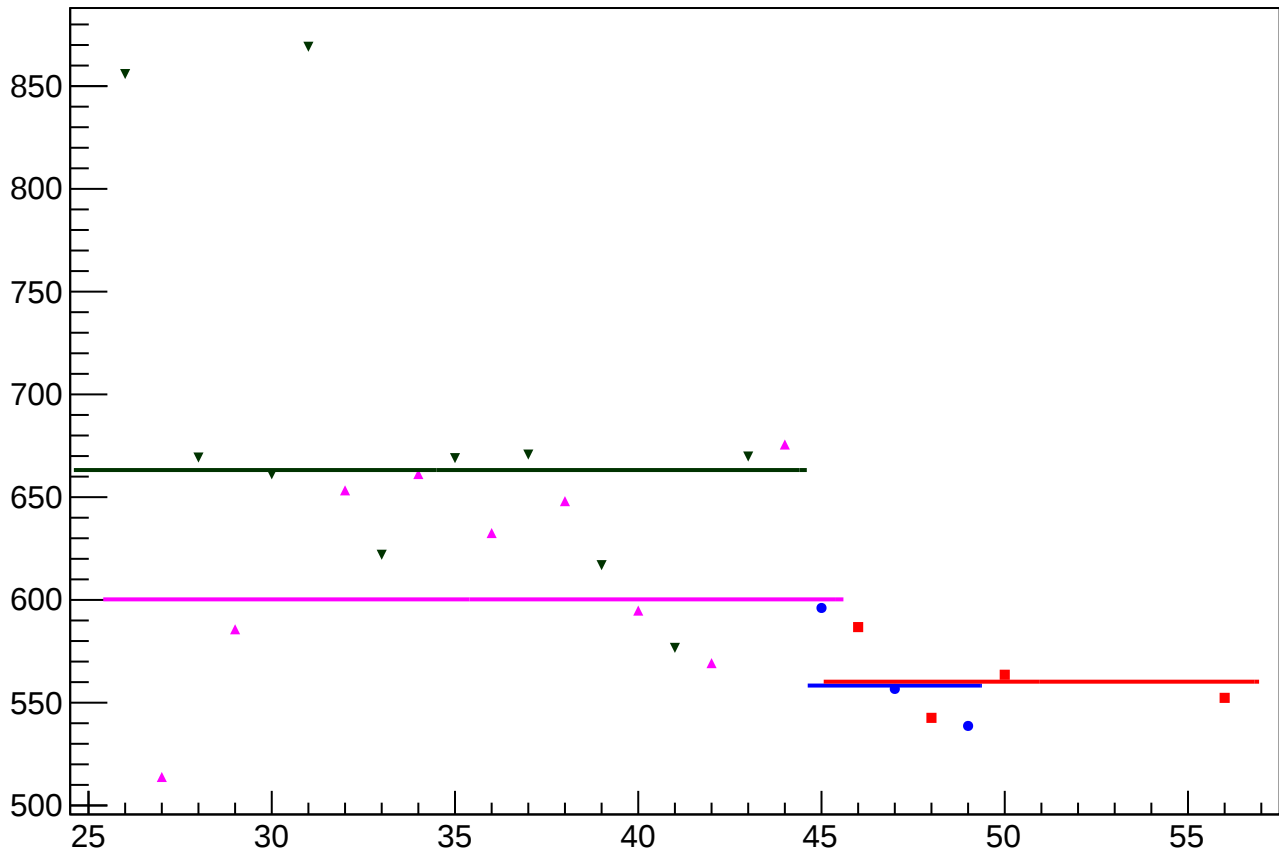
Right Out: 432.214 $\pm$ 408.867 χ^2 /NDF: 5.8/3

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

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

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

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

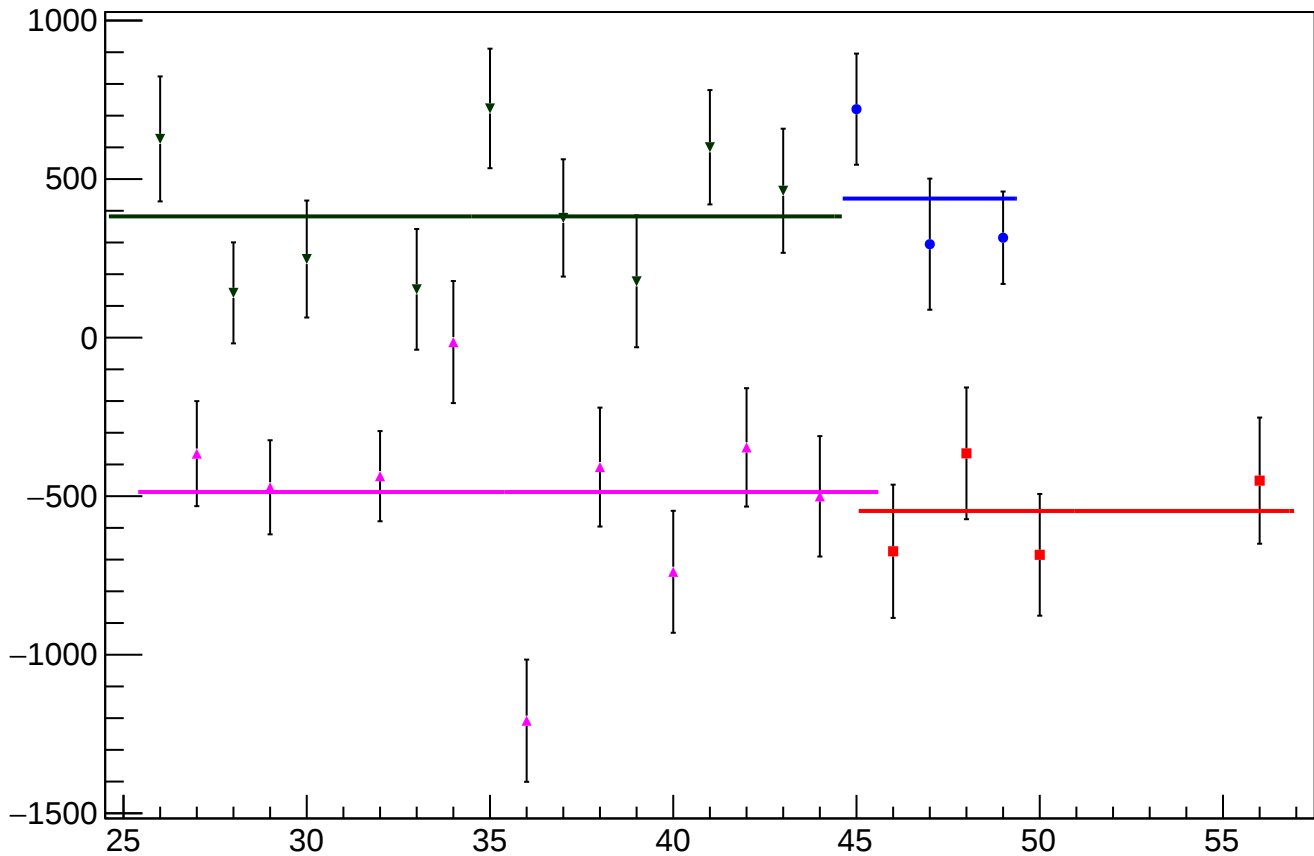
626.258+/-0.167 χ^2/NDF : 224706.5/12

Right Out: 560.220+/-0.289 χ^2/NDF : 2898.7/3

589.067+/-0.153 χ^2/NDF : 108529.1/12

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

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

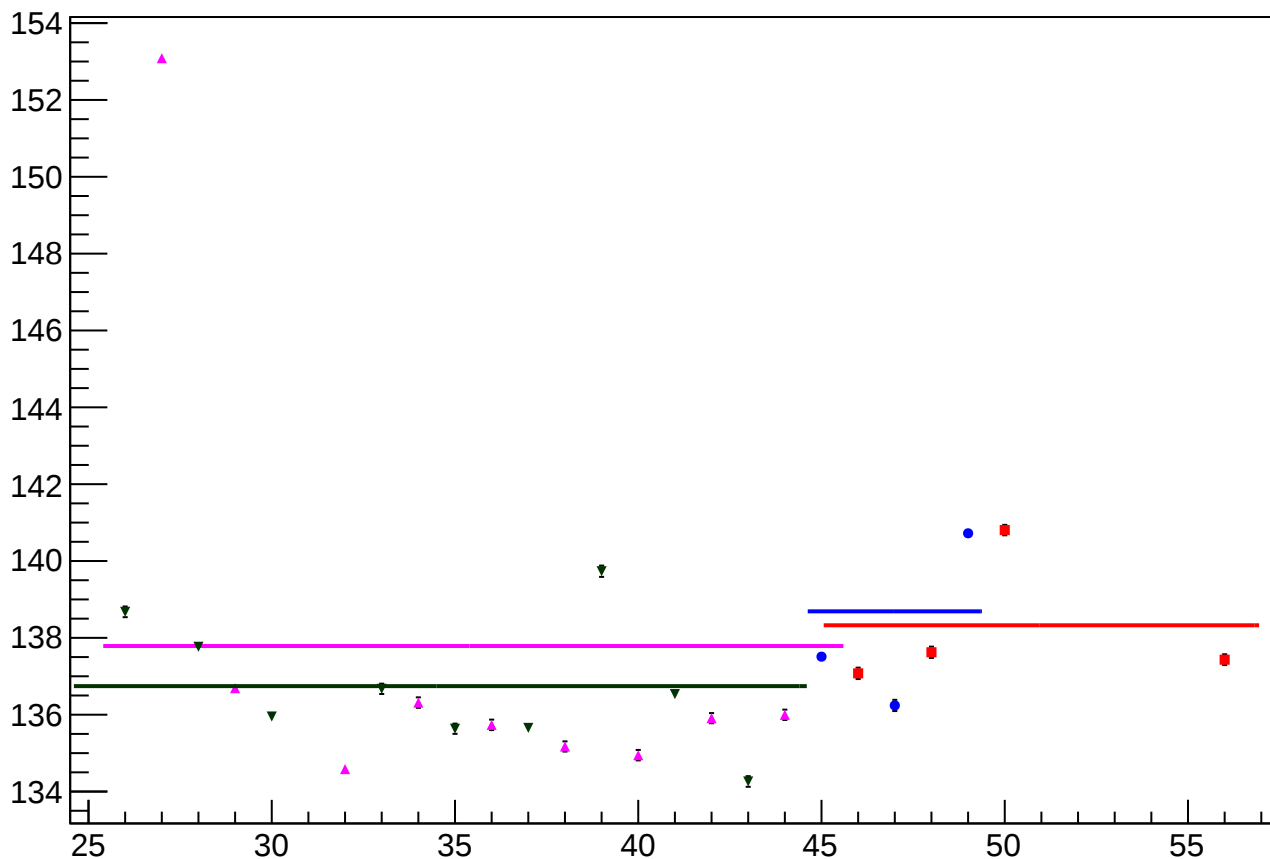
398.294 $\pm$ 52.512 χ^2 /NDF: 15.7/11

Right Out: -546.696 $\pm$ 100.887 χ^2 /NDF: 1.9/3

-501.730 $\pm$ 50.288 χ^2 /NDF: 25.3/12

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

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

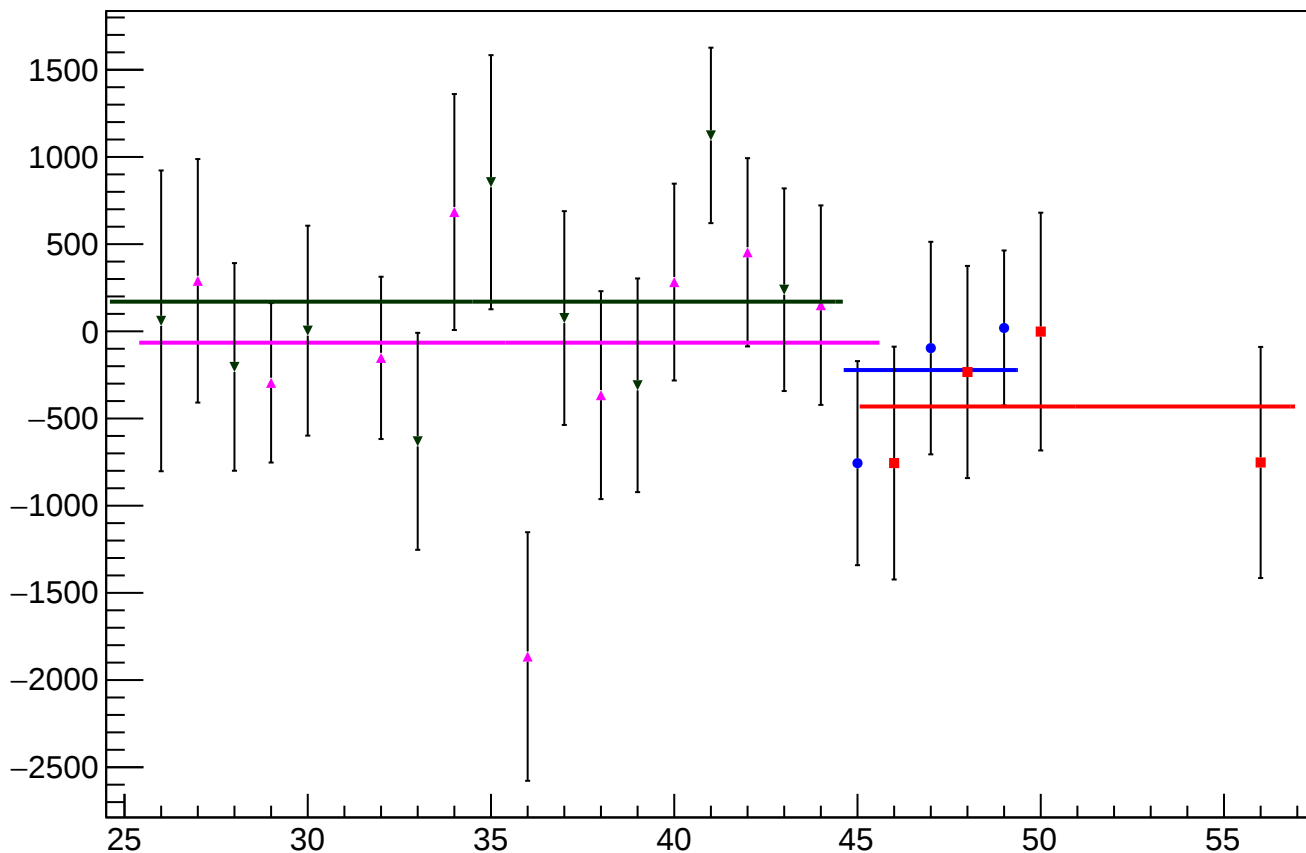
Right Out: 138.327+/-0.071 χ^2/NDF : 467.6/3

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

137.297+/-0.037 χ^2/NDF : 2507.6/11

137.922+/-0.036 χ^2/NDF : 20258.0/12

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

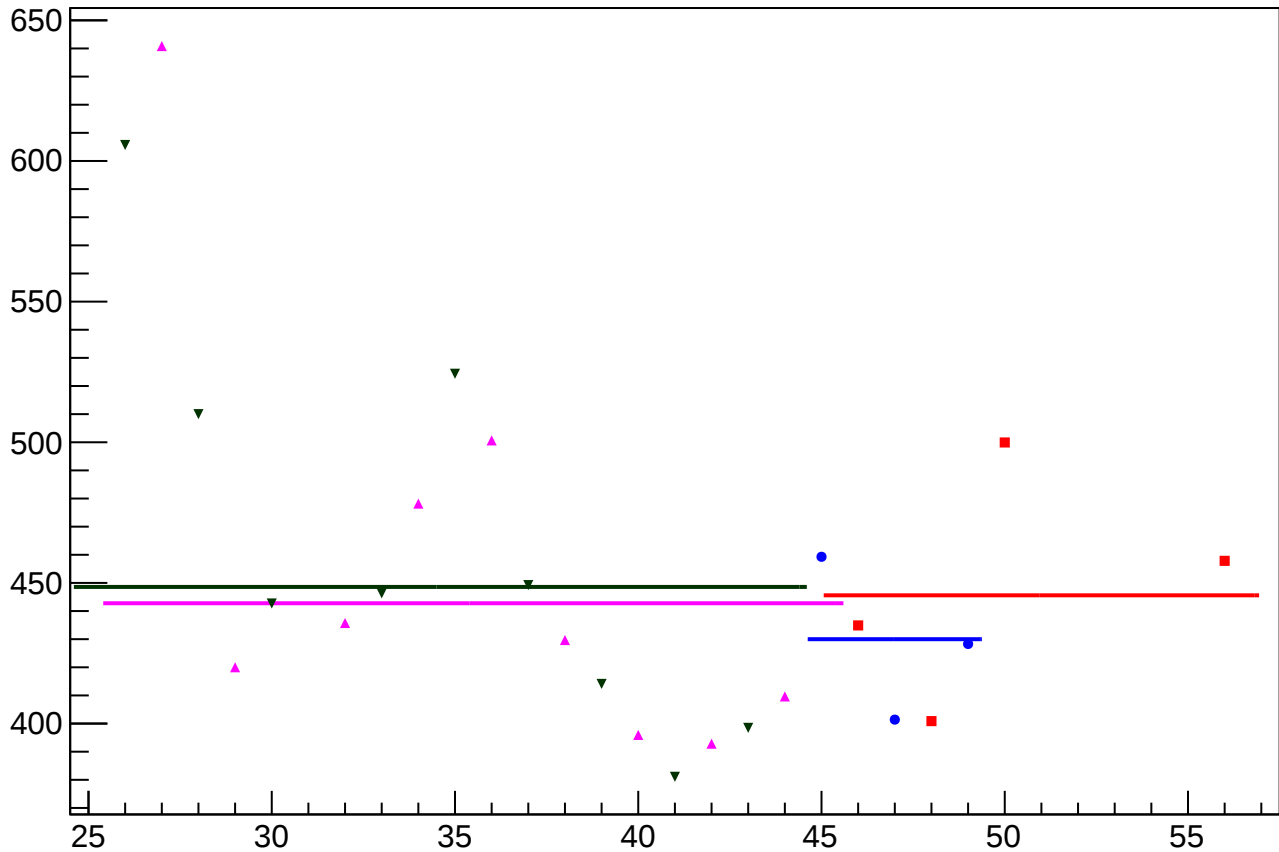
Right Out: -431.146 ± 326.644 χ^2/NDF : 1.0/3

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

48.091 ± 170.758 χ^2/NDF : 9.6/11

-156.825 ± 163.484 χ^2/NDF : 11.8/12

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

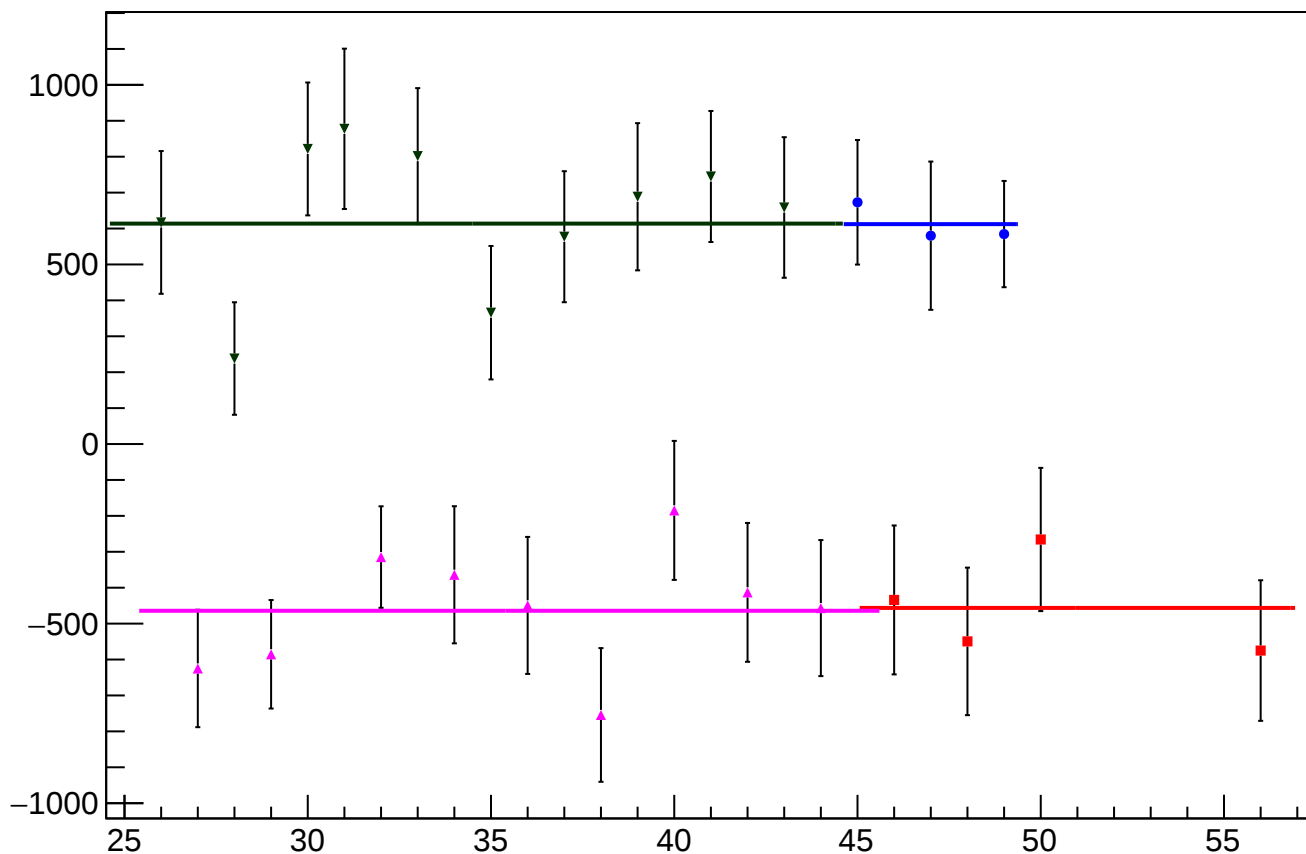
442.792+/-0.121 χ^2/NDF : 181204.1/11

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

443.479+/-0.116 χ^2/NDF : 248322.7/12

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

reg_asym_left_avg_mean vs slug



Right In: 612.251+/-98.809 χ^2/NDF : 0.2/2

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

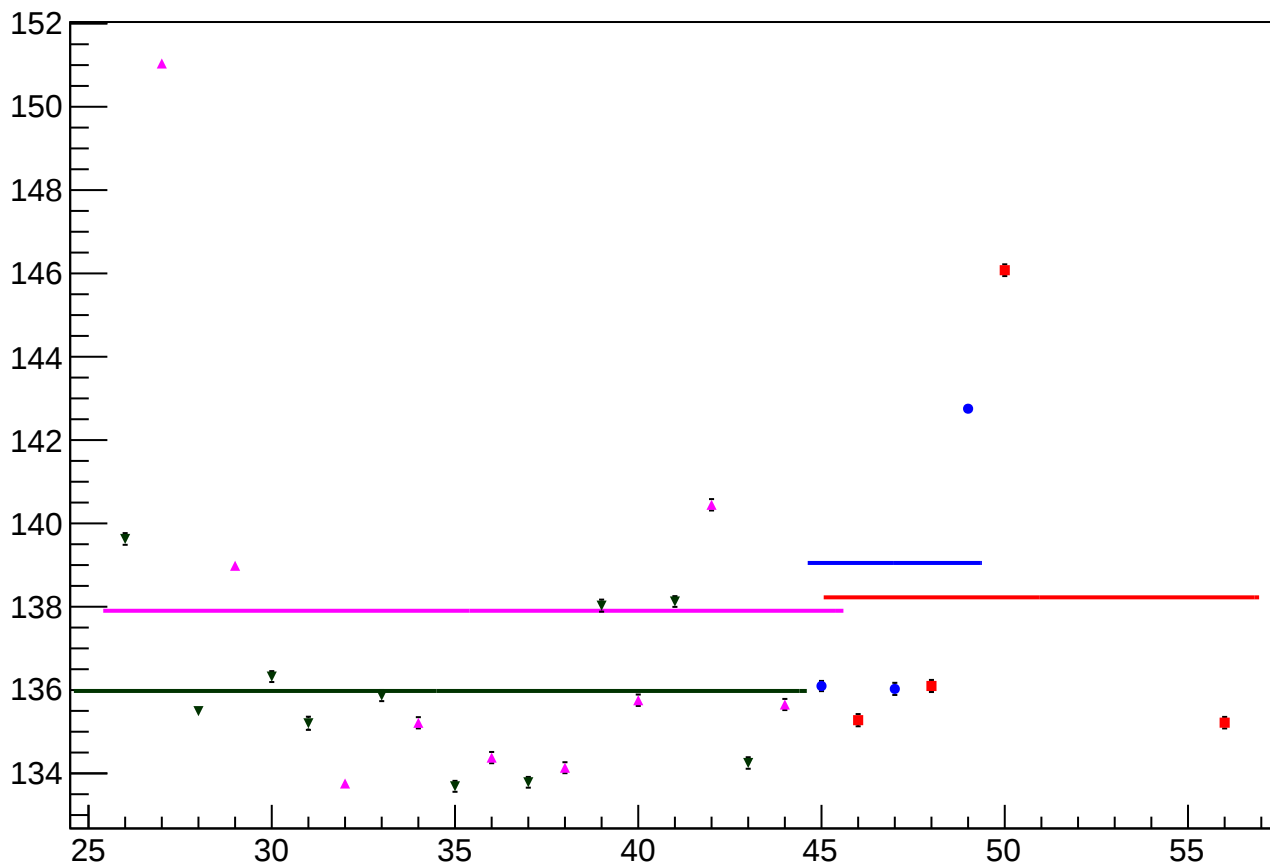
Right Out: -456.263+/-100.897 χ^2/NDF : 1.5/3

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

613.333+/-50.984 χ^2/NDF : 12.1/12

-462.259+/-50.336 χ^2/NDF : 9.1/12

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

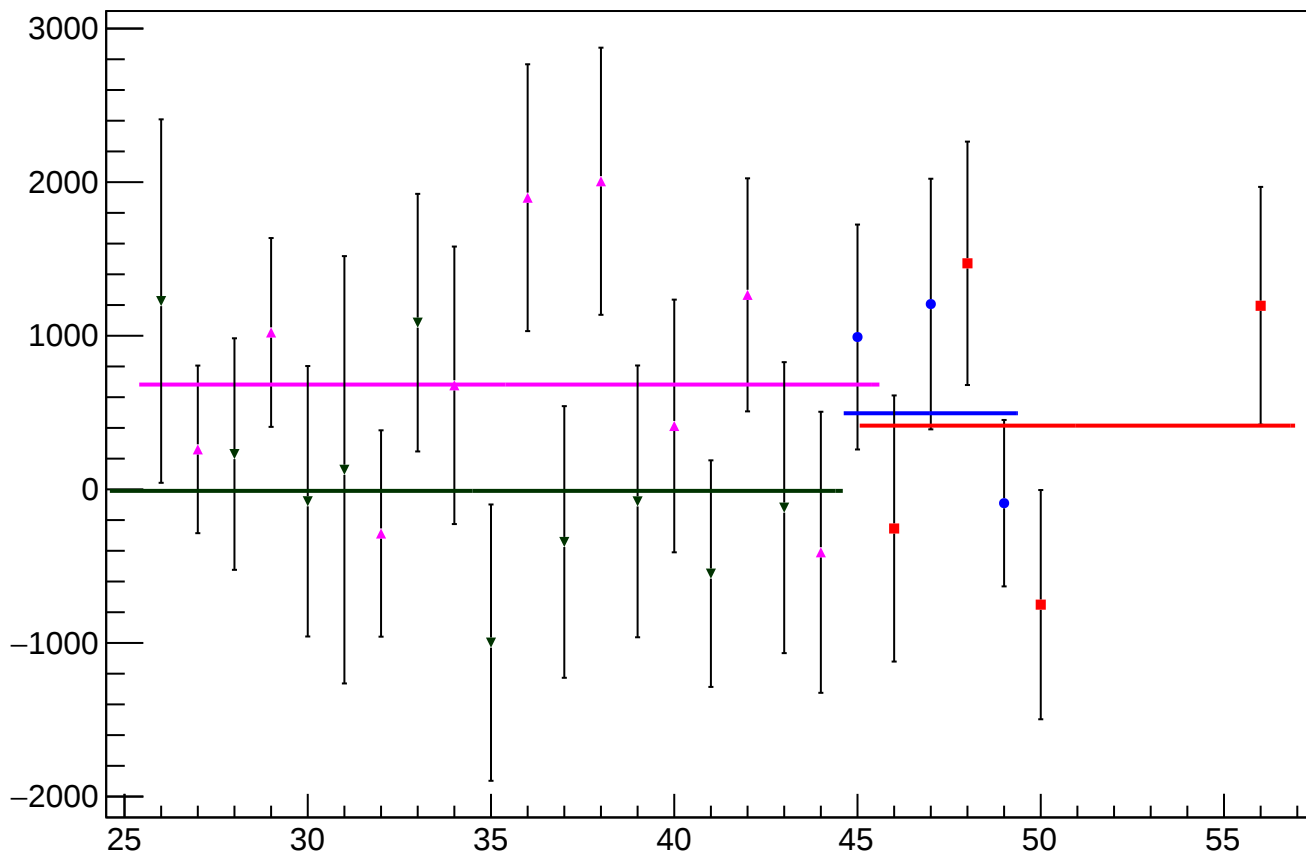
Right Out: 138.225 ± 0.071 χ^2/NDF : 4193.1/3

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

136.796 ± 0.036 χ^2/NDF : 5631.1/12

137.983 ± 0.036 χ^2/NDF : 21719.5/12

asym_left_avg_correction_mean vs slug



Right In: 495.358 ± 384.187 χ^2/NDF : 2.4/2

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

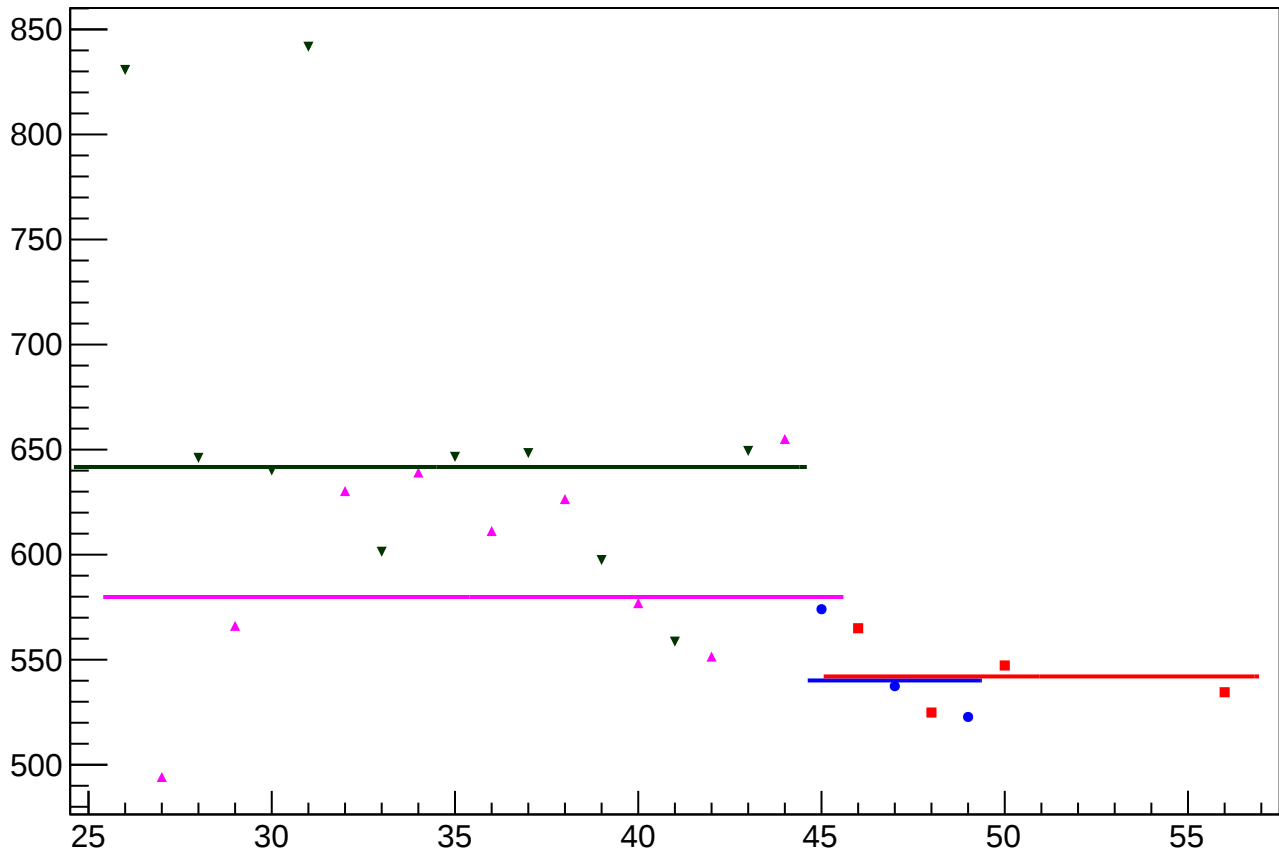
Right Out: 414.873 ± 395.592 χ^2/NDF : 5.8/3

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

168.157 ± 228.077 χ^2/NDF : 8.3/12

607.627 ± 208.995 χ^2/NDF : 15.6/12

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

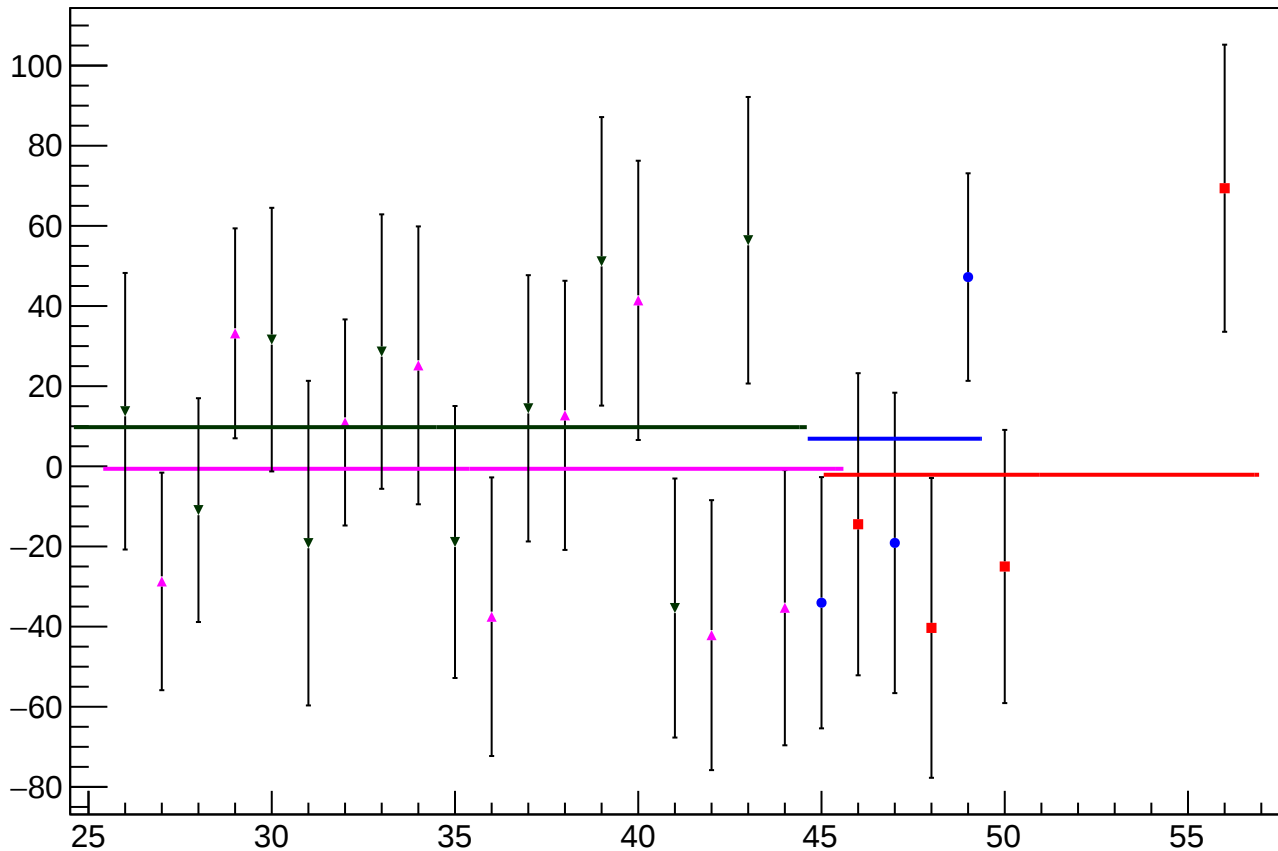
605.922+/-0.161 χ^2/NDF : 224738.8/12

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

569.292+/-0.148 χ^2/NDF : 110677.2/12

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

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

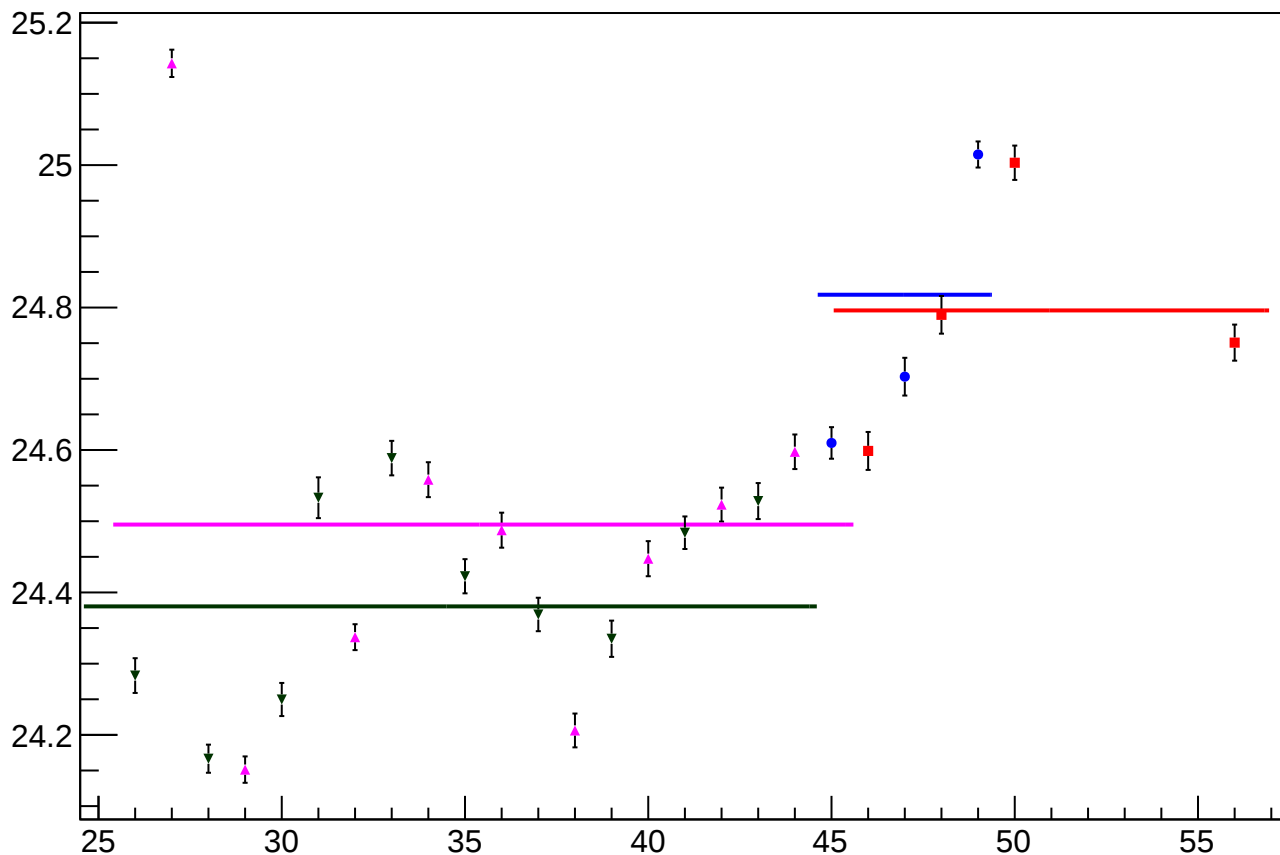
Right Out: -2.105 $\pm$ 18.082 χ^2 /NDF: 5.6/3

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

9.000 $\pm$ 9.123 χ^2 /NDF: 12.2/12

-0.982 $\pm$ 8.950 χ^2 /NDF: 14.4/12

reg_asym_left_dd_rms vs slug



Right In: 24.818 ± 0.012 χ^2/NDF : 222.6/2

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

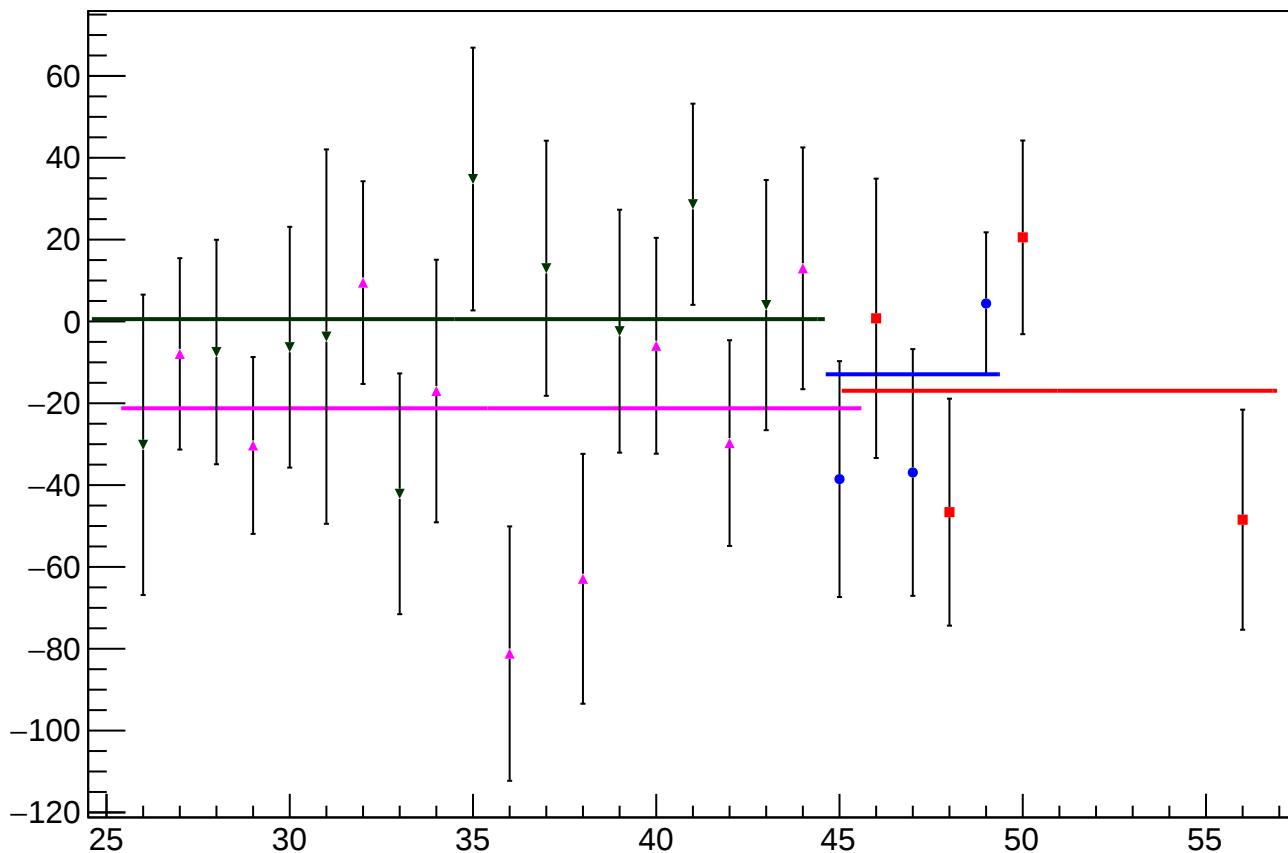
Right Out: 24.796 ± 0.013 χ^2/NDF : 132.0/3

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

24.498 ± 0.006 χ^2/NDF : 1453.6/12

24.569 ± 0.006 χ^2/NDF : 2286.3/12

asym_left_dd_correction_mean vs slug



Right In: -12.919 ± 13.353 χ^2/NDF : 2.4/2

Left Out: 0.565 ± 9.660 χ^2/NDF : 5.6/9

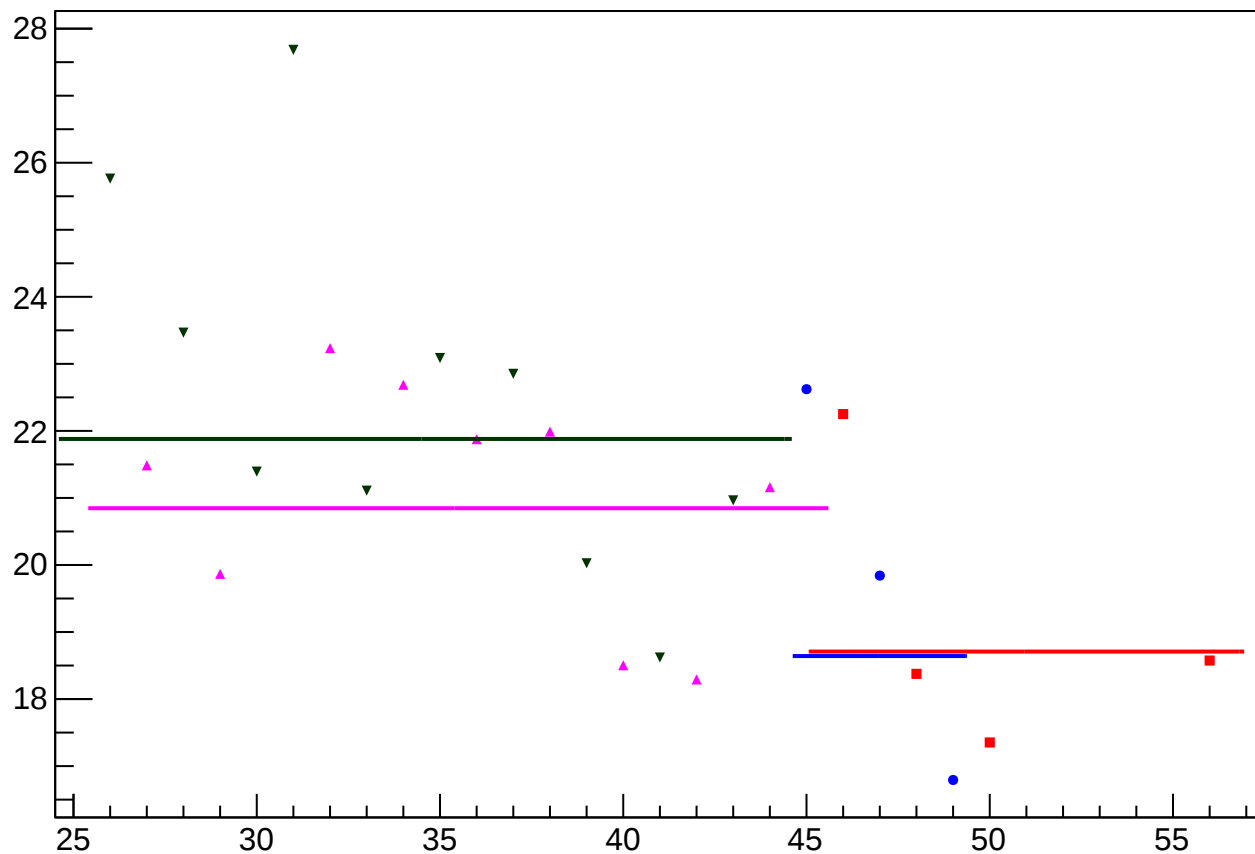
Right Out: -16.945 ± 13.703 χ^2/NDF : 5.3/3

Left In: -21.229 ± 8.825 χ^2/NDF : 9.4/8

-4.068 ± 7.827 χ^2/NDF : 8.7/12

-19.973 ± 7.419 χ^2/NDF : 14.8/12

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

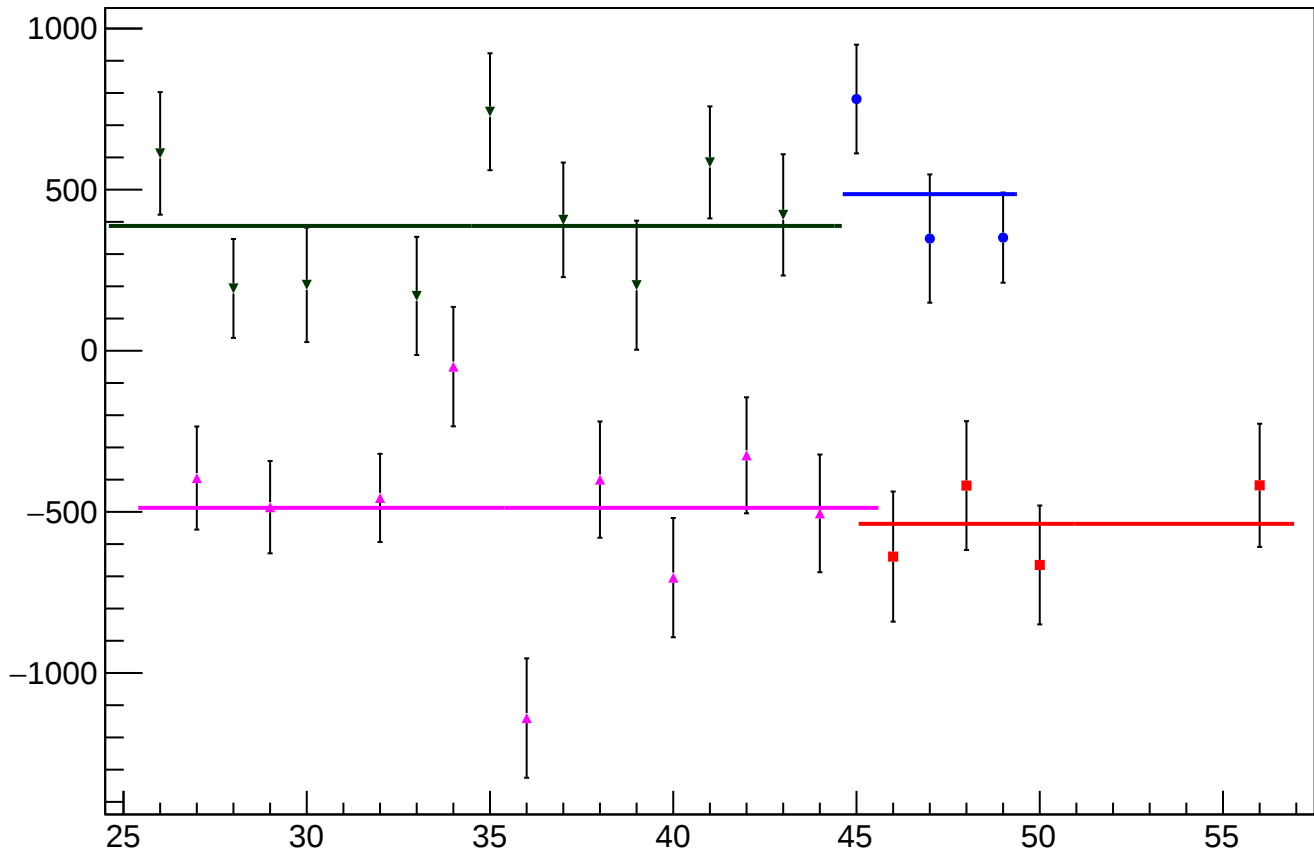
Right Out: 18.709 $\pm$ 0.010 χ^2 /NDF: 28432.9/3

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

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

20.220 $\pm$ 0.005 χ^2 /NDF: 135260.0/12

reg_asym_right_avg_mean vs slug



Right In: 486.056 ± 94.728 χ^2/NDF : 4.5/2

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

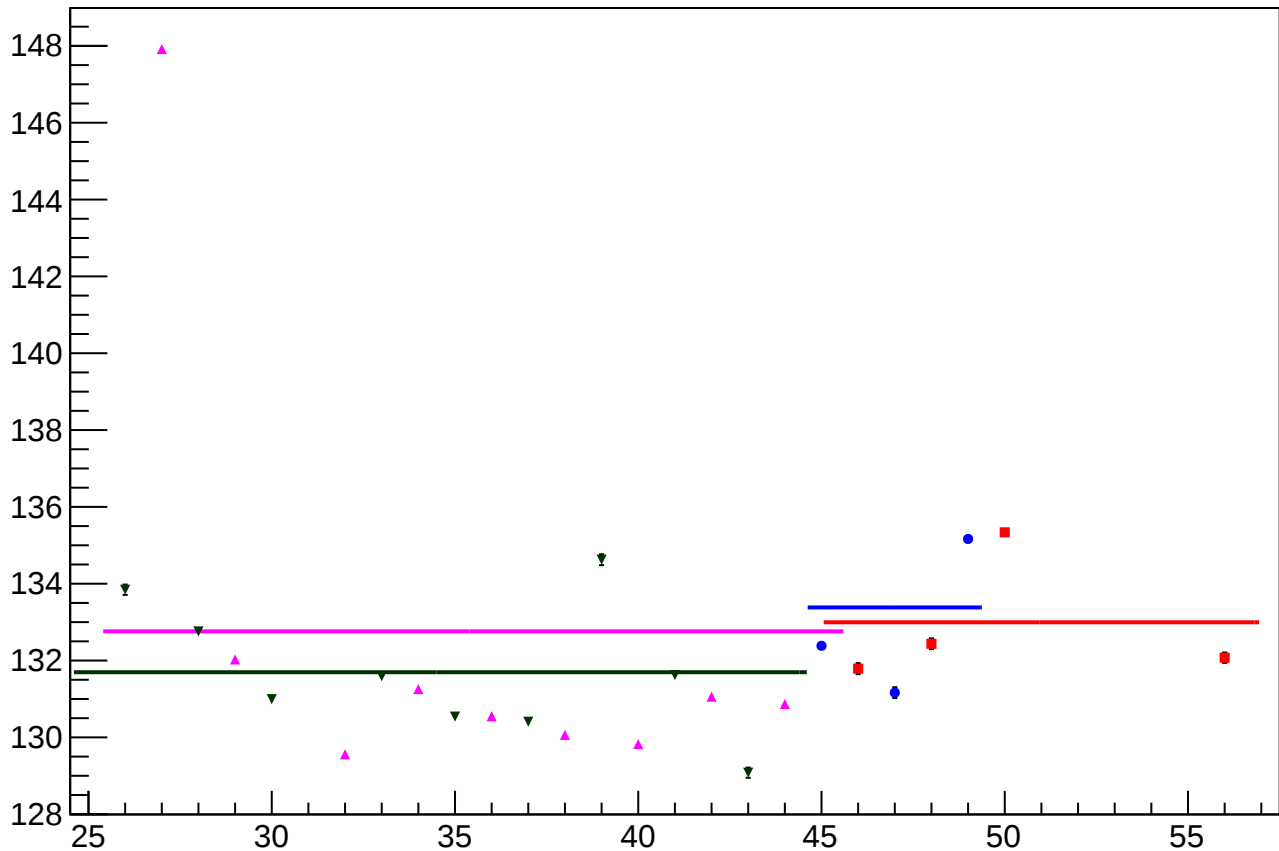
Right Out: -537.088 ± 96.998 χ^2/NDF : 1.5/3

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

415.508 ± 50.553 χ^2/NDF : 16.7/11

-499.839 ± 48.429 χ^2/NDF : 22.5/12

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

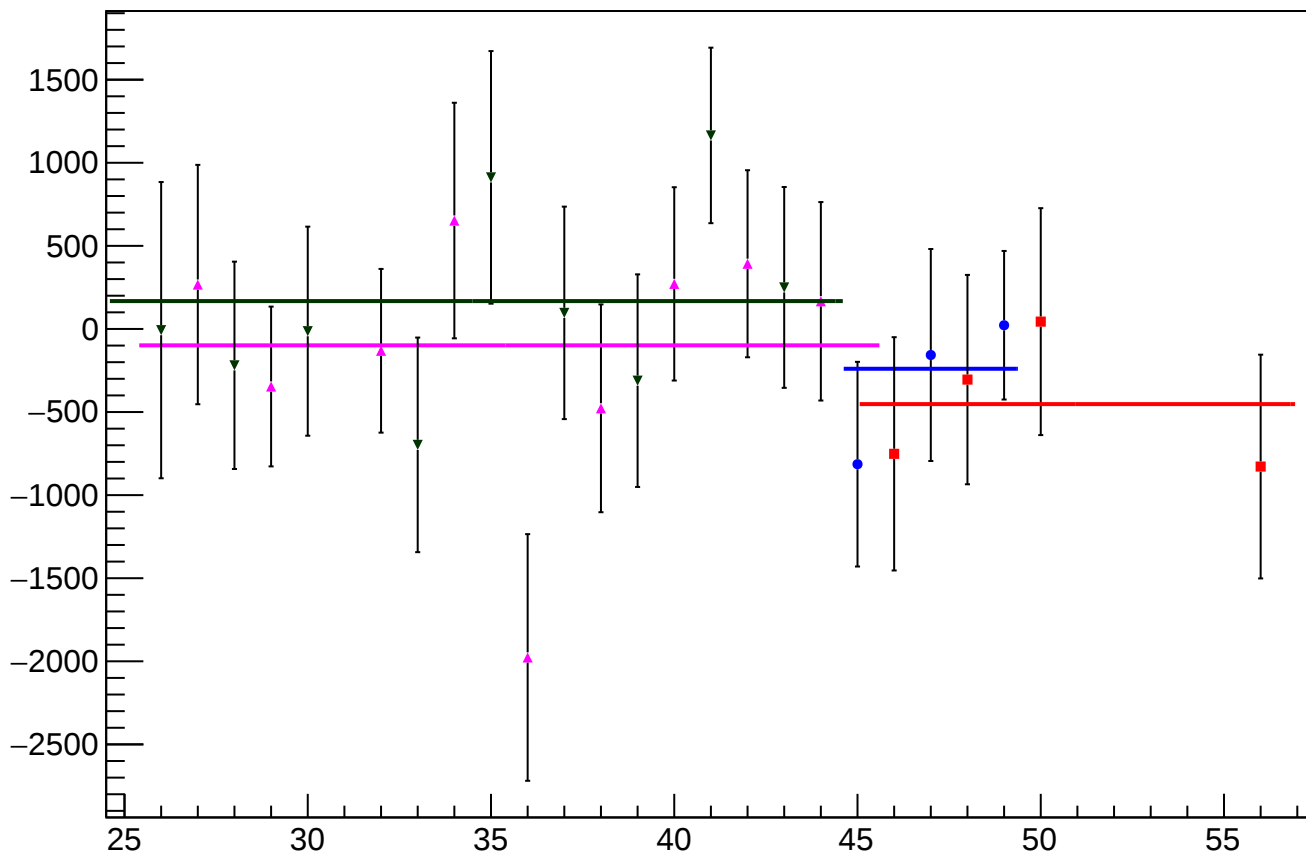
Right Out: 132.996 ± 0.069 χ^2/NDF : 455.7/3

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

132.176 ± 0.036 χ^2/NDF : 2479.6/11

132.819 ± 0.034 χ^2/NDF : 21312.5/12

asym_right_avg_correction_mean vs slug



Right In: -239.600+/-314.681 χ^2/NDF : 1.2/2

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

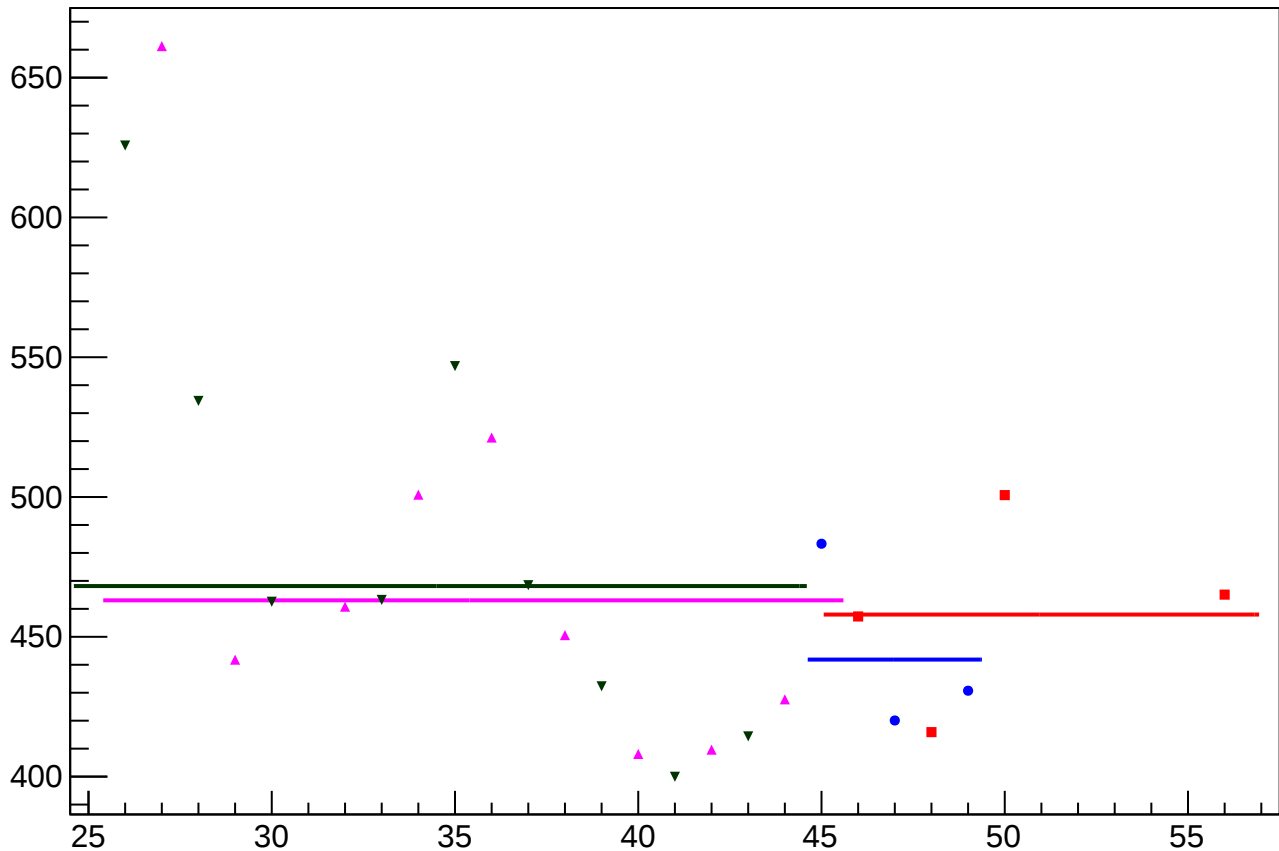
Right Out: -452.270+/-335.199 χ^2/NDF : 1.1/3

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

38.321+/-177.336 χ^2/NDF : 9.8/11

-189.709+/-170.108 χ^2/NDF : 11.7/12

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

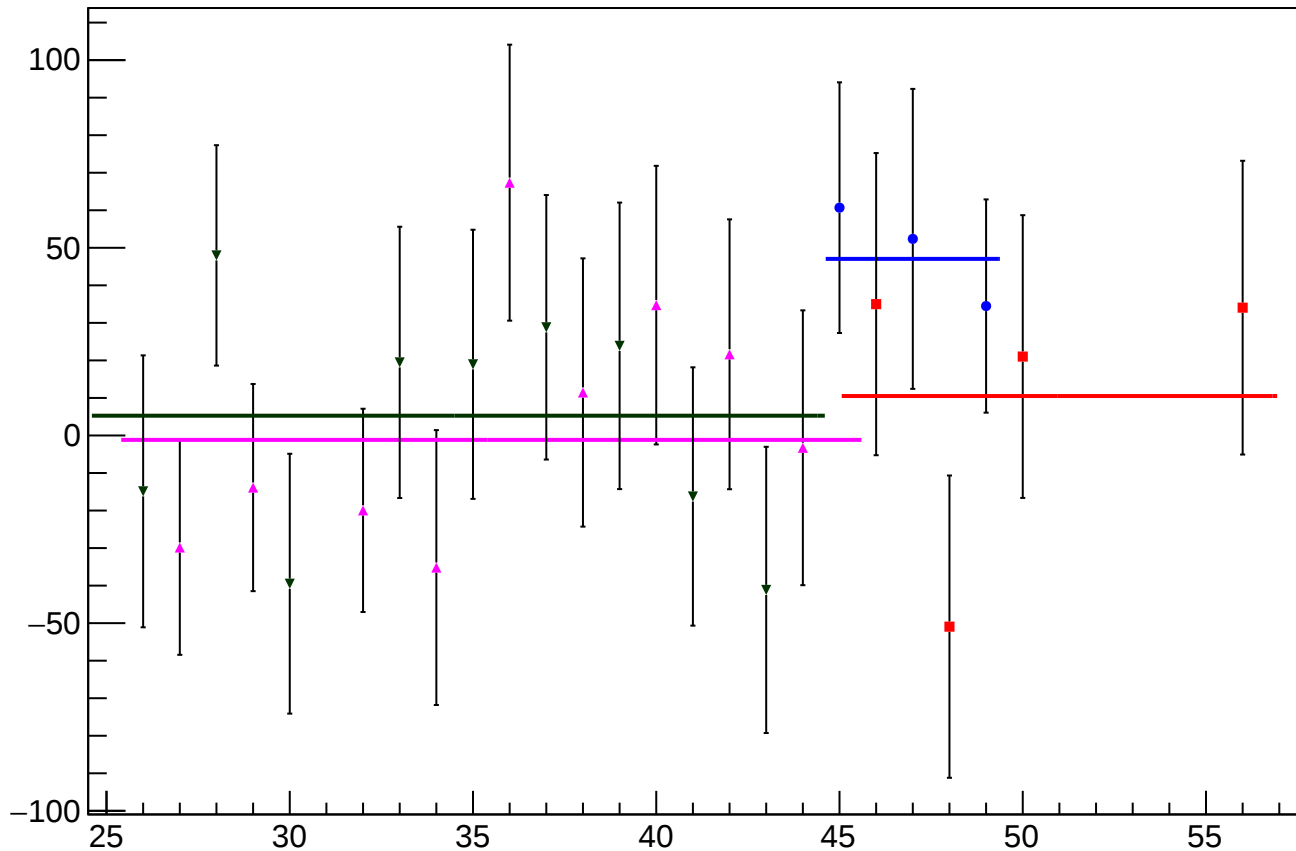
Right Out: 457.961+/-0.237 χ^2/NDF : 16966.1/3

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

459.802+/-0.125 χ^2/NDF : 184389.3/11

461.734+/-0.120 χ^2/NDF : 234455.1/12

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

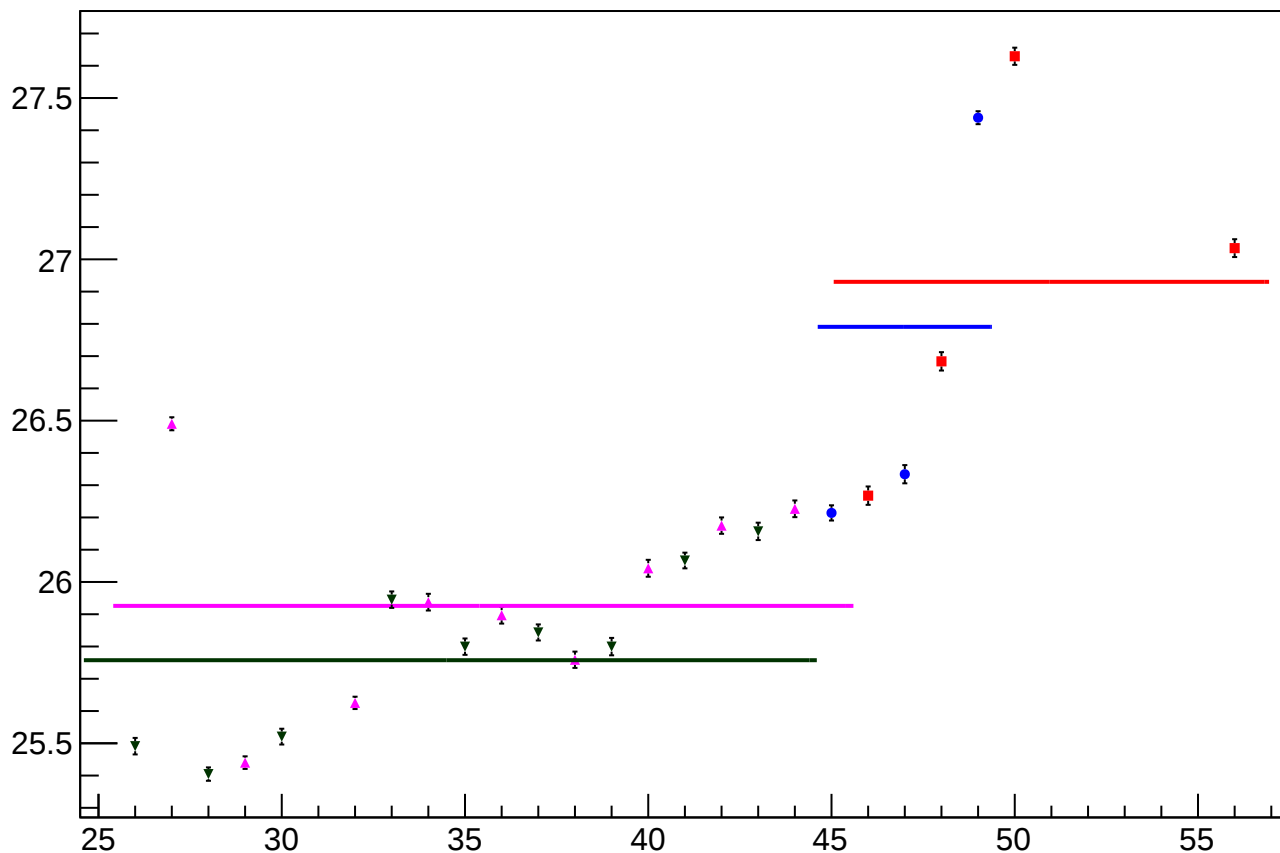
Right Out: 10.511+/-19.643 χ^2/NDF : 3.1/3

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

16.711+/-9.957 χ^2/NDF : 10.8/11

1.579+/-9.532 χ^2/NDF : 10.9/12

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

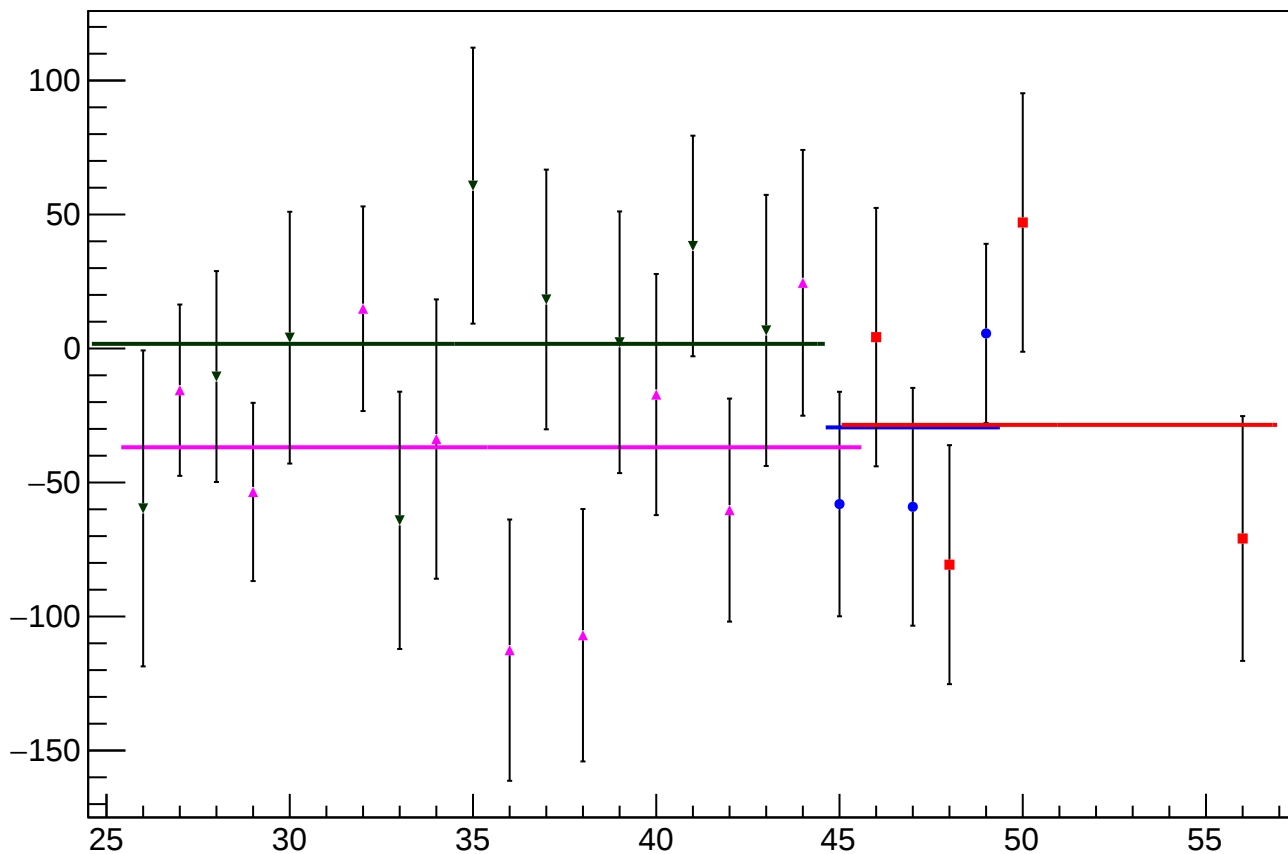
Right Out: 26.930 $\pm$ 0.014 χ^2 /NDF: 1320.3/3

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

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

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

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

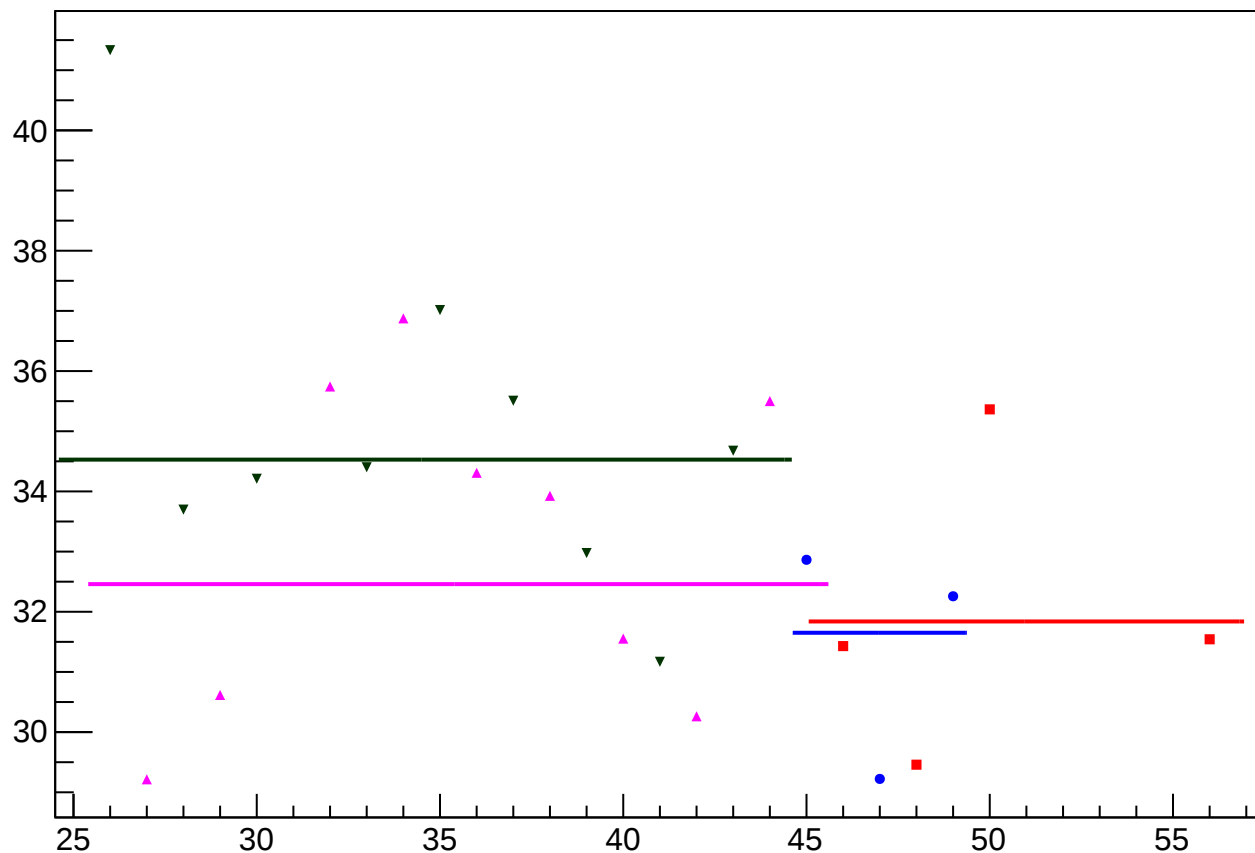
Right Out: -28.501 ± 23.296 χ^2/NDF : 5.1/3

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

-8.513 ± 12.913 χ^2/NDF : 8.6/11

-34.692 ± 11.843 χ^2/NDF : 14.4/12

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

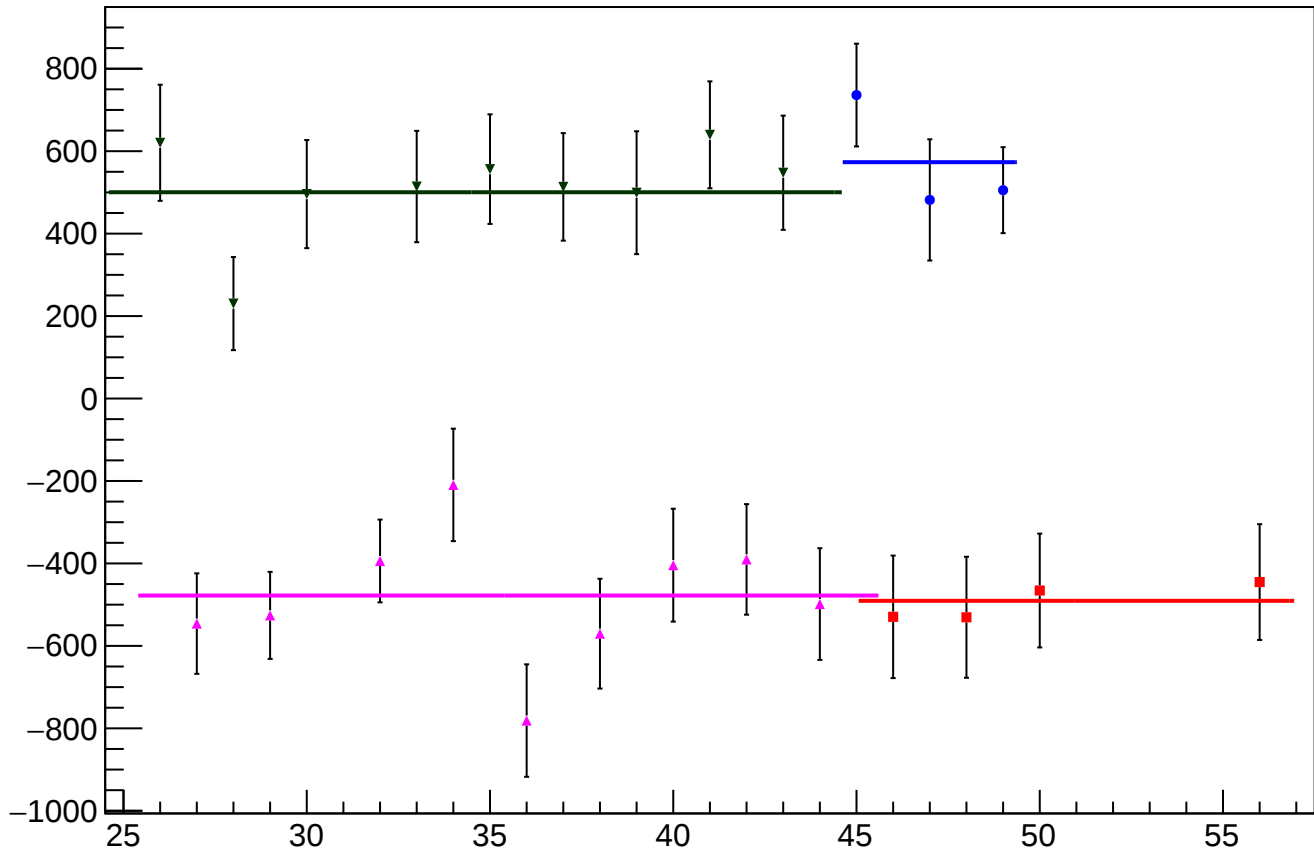
Right Out: 31.839+/-0.016 χ^2/NDF : 16609.5/3

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

33.582+/-0.009 χ^2/NDF : 78731.6/11

32.299+/-0.008 χ^2/NDF : 92297.5/12

reg_asym_us_avg_mean vs slug



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

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

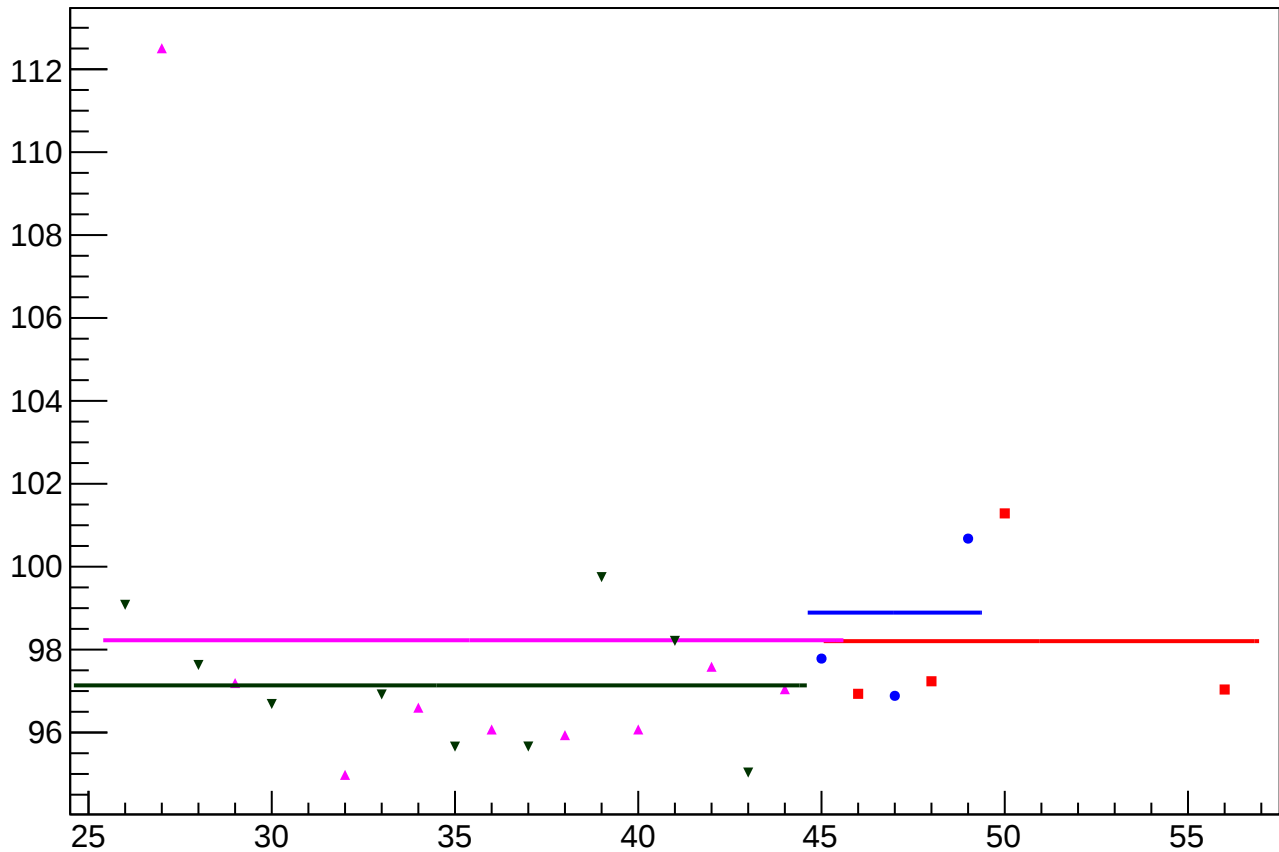
Right Out: -490.662 $\pm$ 71.640 χ^2 /NDF: 0.3/3

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

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

-481.067 $\pm$ 35.838 χ^2 /NDF: 11.6/12

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

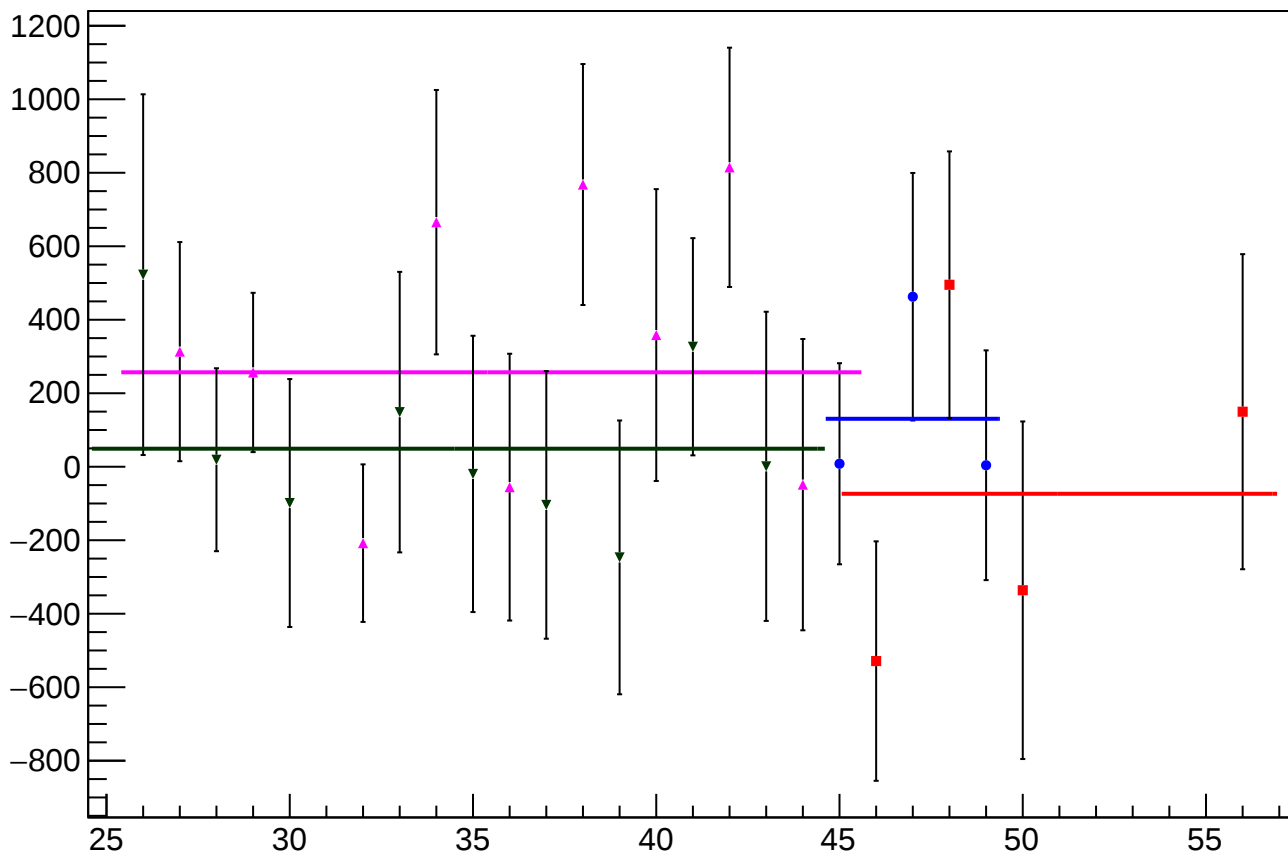
Right Out: 98.204+/-0.051 χ^2/NDF : 1367.3/3

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

97.633+/-0.026 χ^2/NDF : 4175.7/11

98.220+/-0.025 χ^2/NDF : 33184.9/12

asym_us_avg_correction_mean vs slug



Right In: 130.498+/-175.678 χ^2/NDF : 1.3/2

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

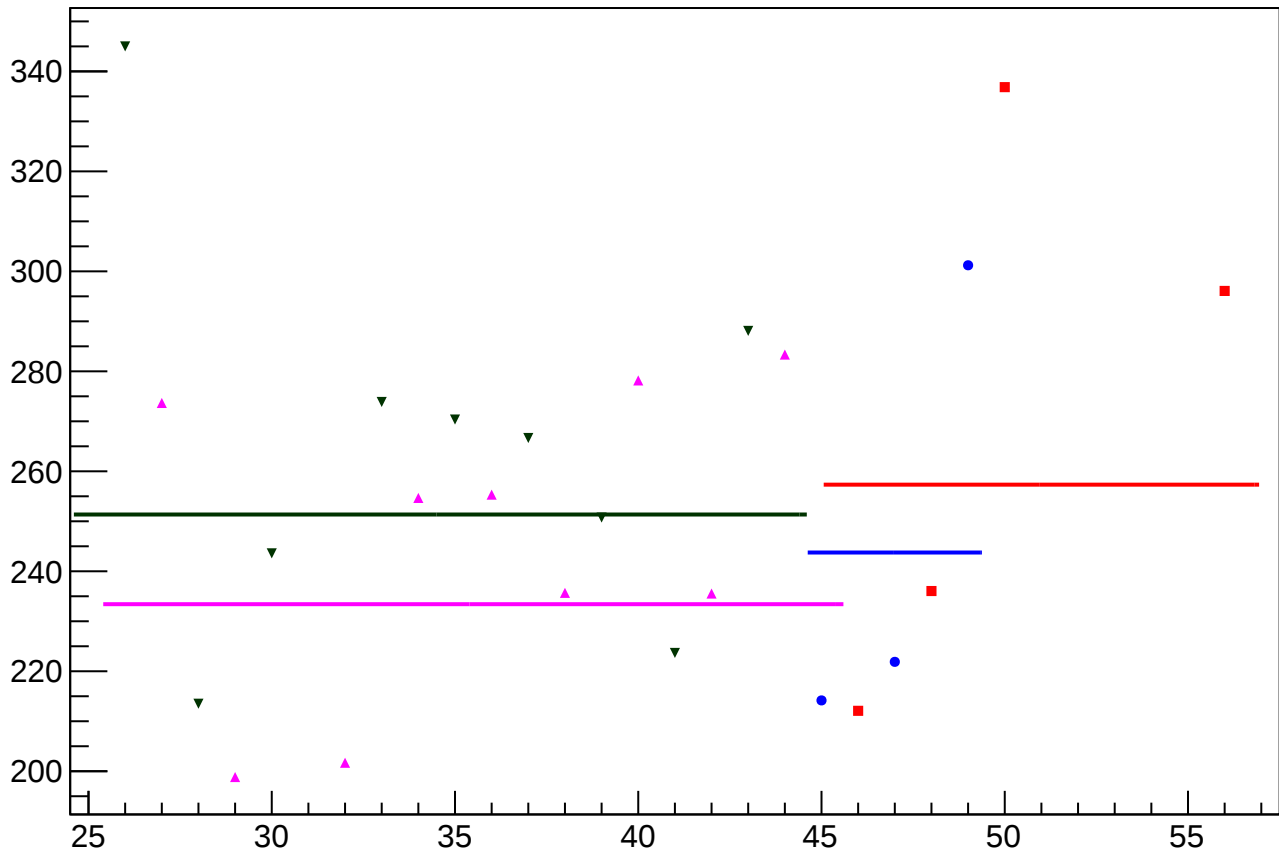
Right Out: -73.569+/-191.778 χ^2/NDF : 5.0/3

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

73.685+/-96.555 χ^2/NDF : 4.4/11

186.941+/-88.306 χ^2/NDF : 20.1/12

asym_us_avg_correction_rms vs slug



Right In: 243.753+/-0.124 χ^2/NDF : 99374.3/2

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

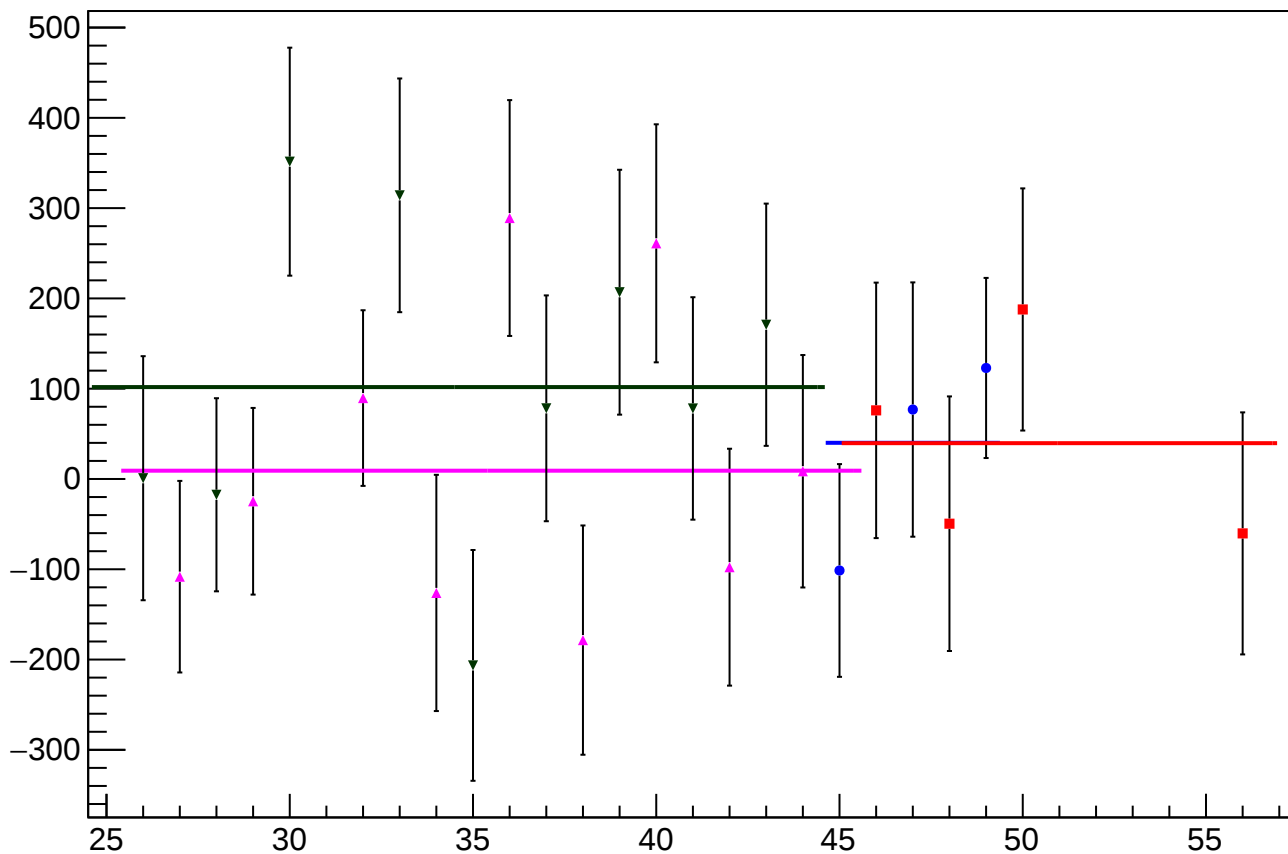
249.059+/-0.068 χ^2/NDF : 270494.3/11

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

238.486+/-0.062 χ^2/NDF : 348951.4/12

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

reg_asym_us_dd_mean vs slug



Right In: 40.071 $\pm$ 66.972 χ^2/NDF : 2.2/2

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

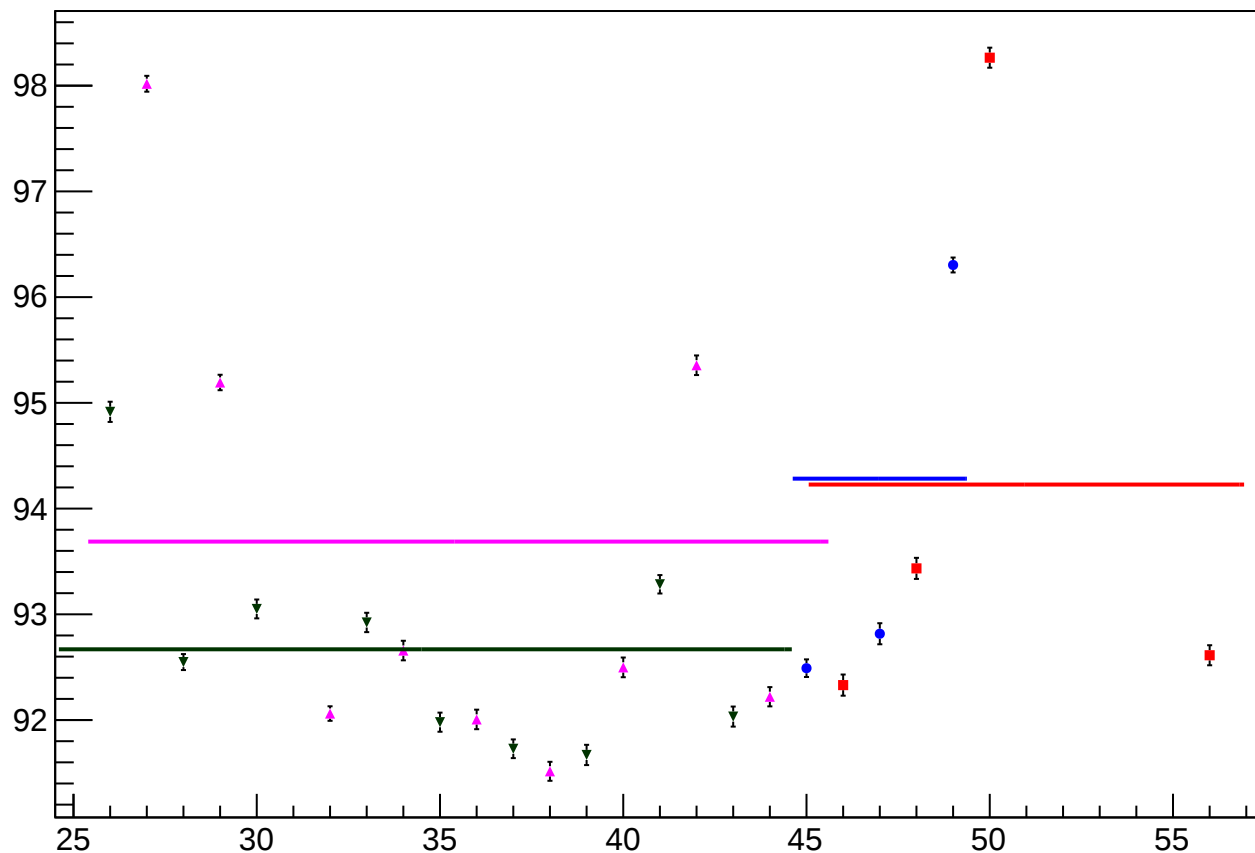
Right Out: 39.670 $\pm$ 68.759 χ^2/NDF : 2.2/3

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

84.342 $\pm$ 35.611 χ^2/NDF : 18.0/11

16.726 $\pm$ 34.206 χ^2/NDF : 16.6/12

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

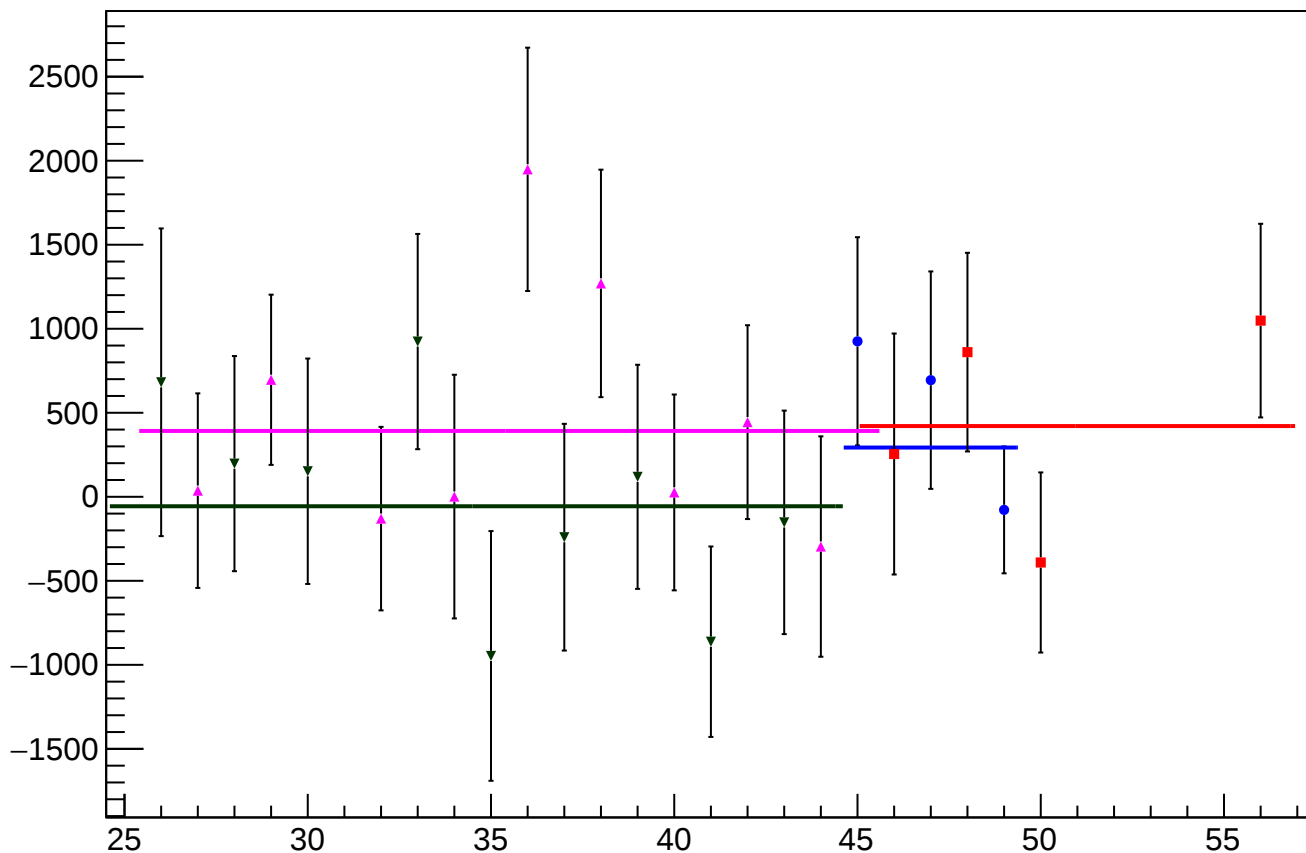
Right Out: 94.227 ± 0.049 χ^2/NDF : 2525.4/3

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

93.125 ± 0.025 χ^2/NDF : 3289.4/11

93.821 ± 0.024 χ^2/NDF : 8720.1/12

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

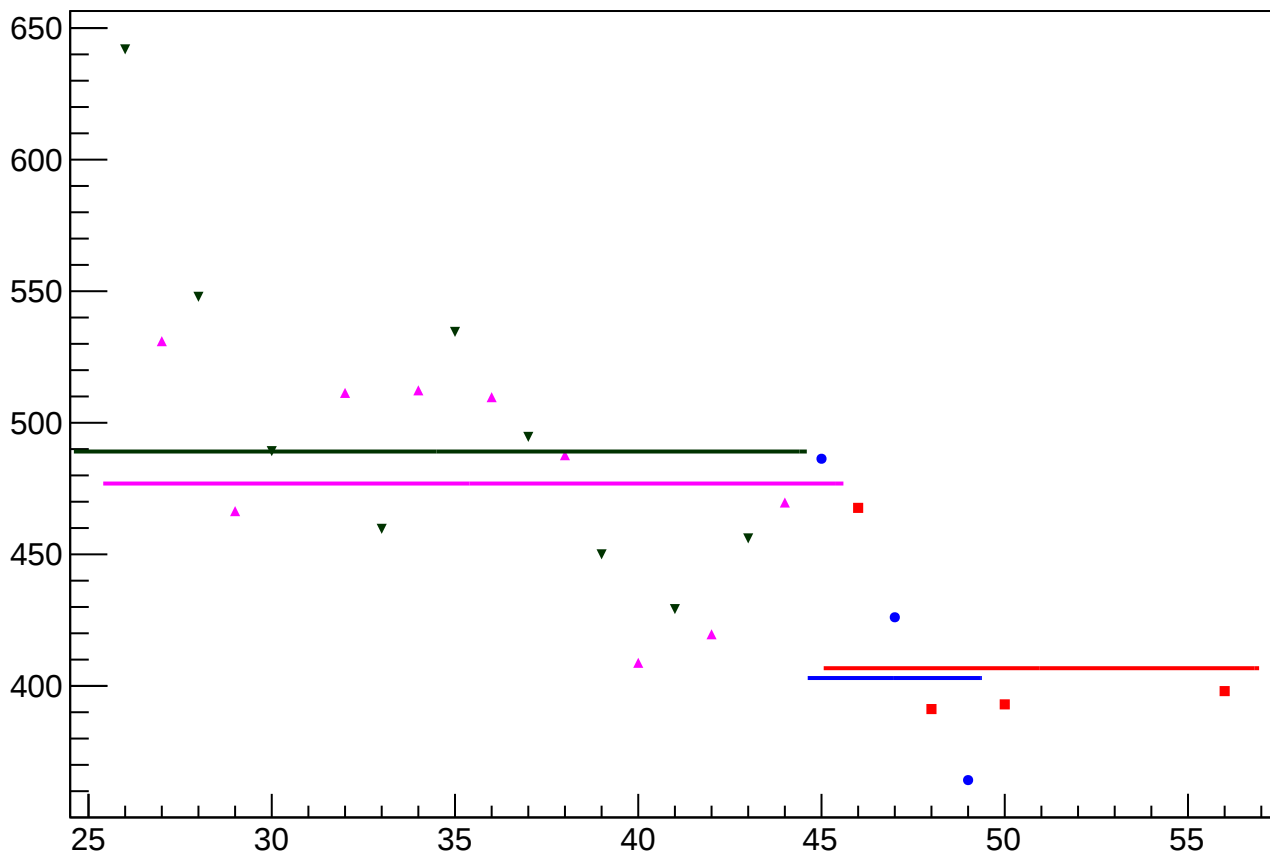
Right Out: 420.894 $\pm$ 297.469 χ^2 /NDF: 4.1/3

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

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

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

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

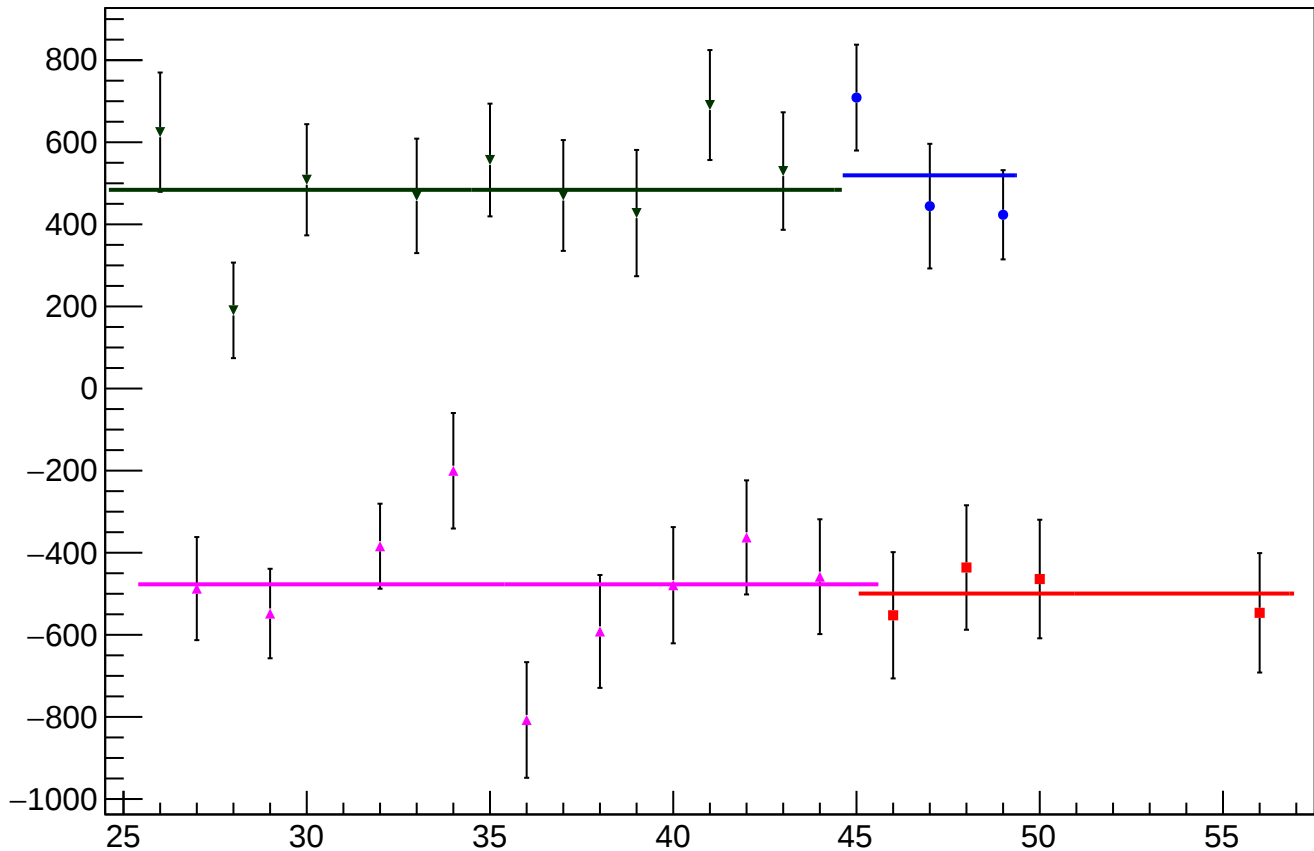
Right Out: 406.734+/-0.210 χ^2/NDF : 17592.6/3

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

456.705+/-0.125 χ^2/NDF : 289497.0/11

454.765+/-0.118 χ^2/NDF : 176756.6/12

reg_asym_ds_avg_mean vs slug



Right In: 519.414 ± 72.897 χ^2/NDF : 3.2/2

Left Out: 484.116 ± 45.554 χ^2/NDF : 10.3/8

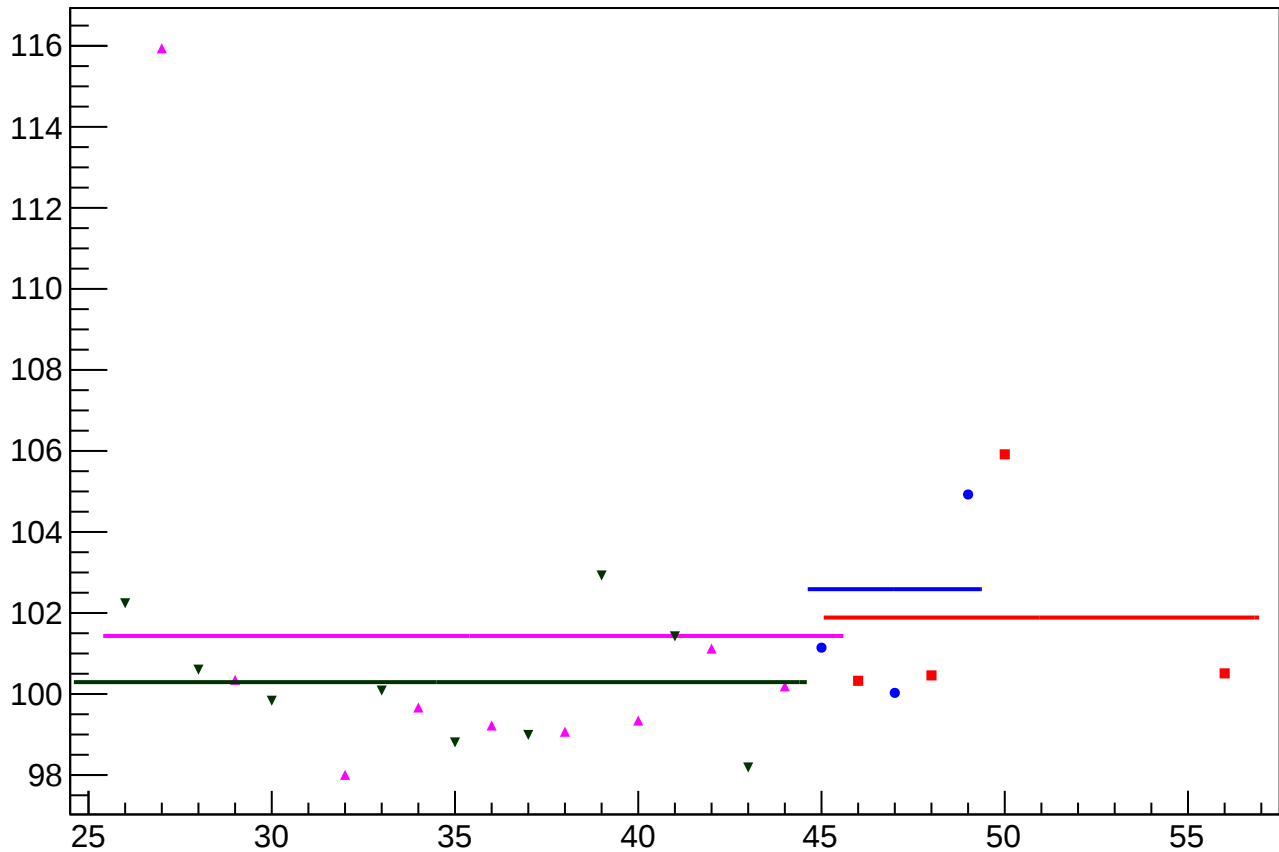
Right Out: -499.454 ± 74.339 χ^2/NDF : 0.5/3

Left In: -476.948 ± 42.742 χ^2/NDF : 12.0/8

494.029 ± 38.631 χ^2/NDF : 13.6/11

-482.540 ± 37.054 χ^2/NDF : 12.5/12

reg_asym_ds_avg_rms vs slug



Right In: 102.588+/-0.052 χ^2/NDF : 1744.5/2

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

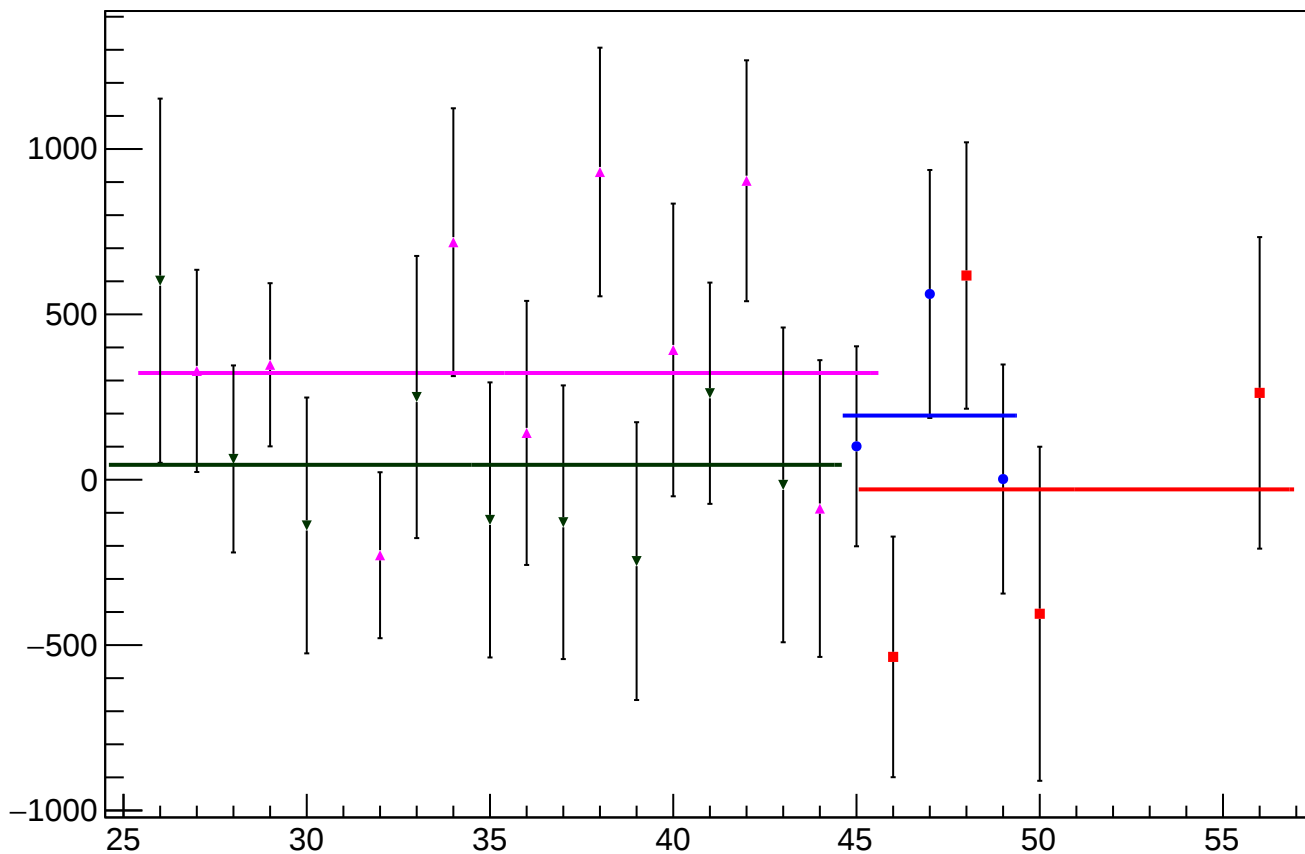
Right Out: 101.887+/-0.053 χ^2/NDF : 2119.5/3

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

100.938+/-0.027 χ^2/NDF : 5152.7/11

101.546+/-0.026 χ^2/NDF : 33258.5/12

asym_ds_avg_correction_mean vs slug



Right In: 194.022 $\pm$ 194.658 χ^2 /NDF: 1.4/2

Left Out: 45.072 $\pm$ 130.602 χ^2 /NDF: 2.7/8

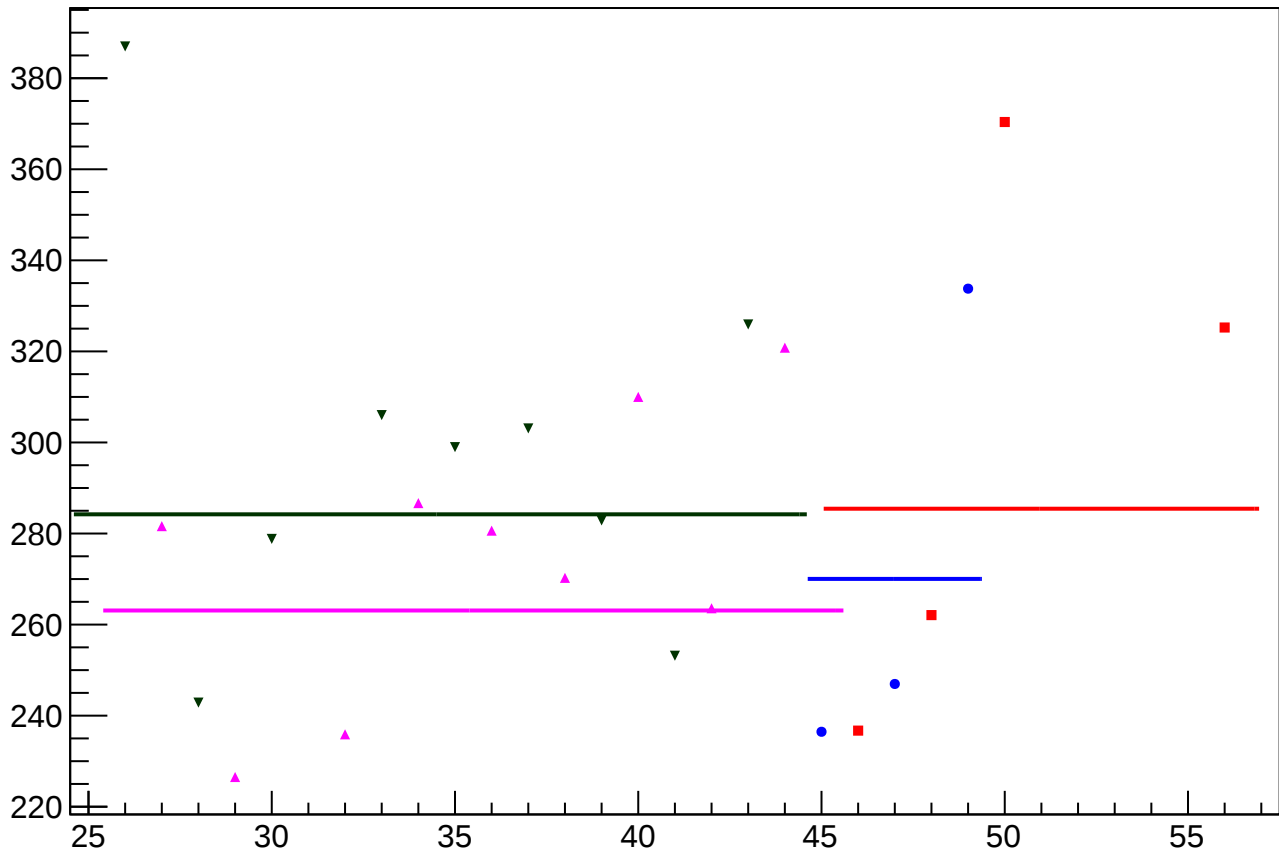
Right Out: -29.194 $\pm$ 212.487 χ^2 /NDF: 5.5/3

Left In: 322.770 $\pm$ 111.748 χ^2 /NDF: 12.0/8

91.309 $\pm$ 108.453 χ^2 /NDF: 4.5/11

246.516 $\pm$ 98.904 χ^2 /NDF: 19.6/12

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

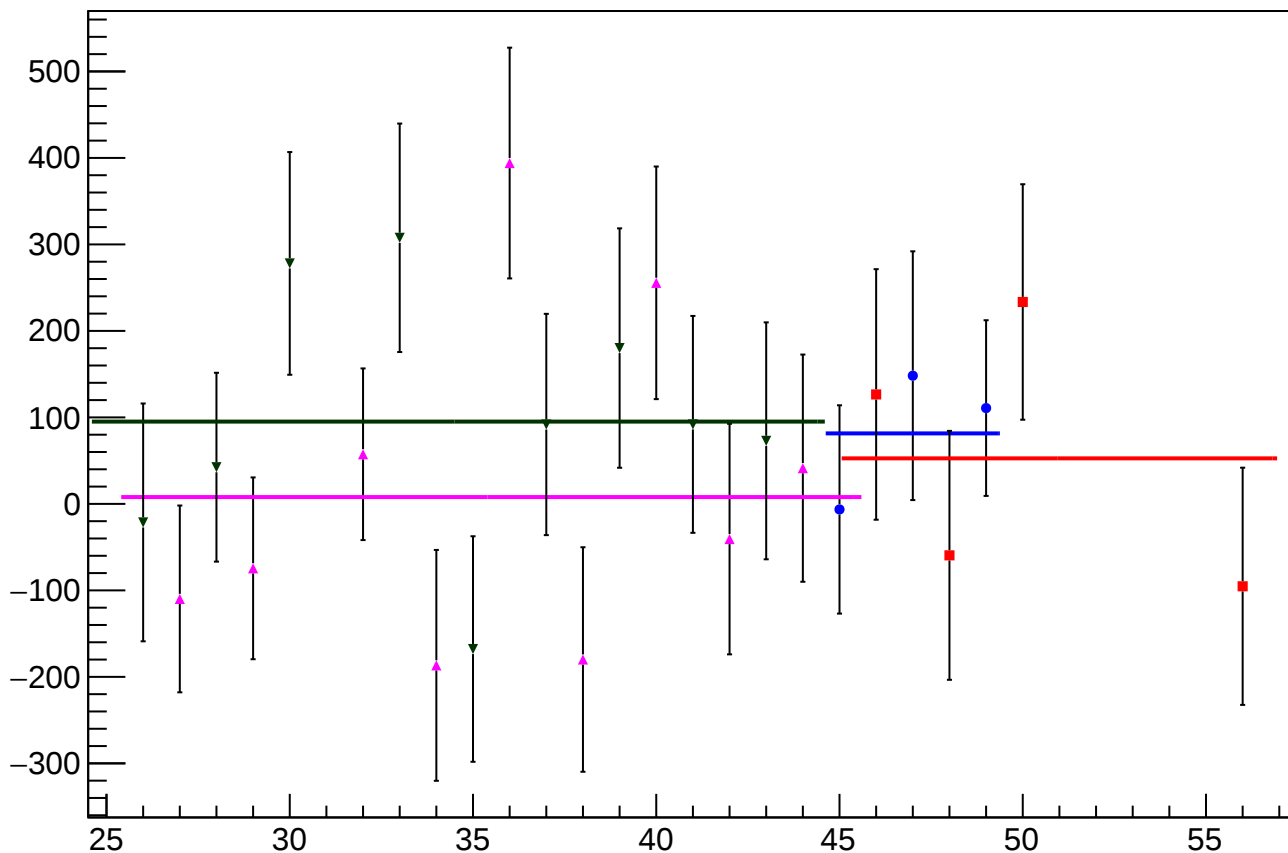
Right Out: 285.449+/-0.150 χ^2/NDF : 113457.3/3

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

279.815+/-0.077 χ^2/NDF : 264648.8/11

267.939+/-0.070 χ^2/NDF : 272549.0/12

reg_asym_ds_dd_mean vs slug



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

Left Out: 95.153 $\pm$ 42.894 χ^2/NDF : 10.0/8

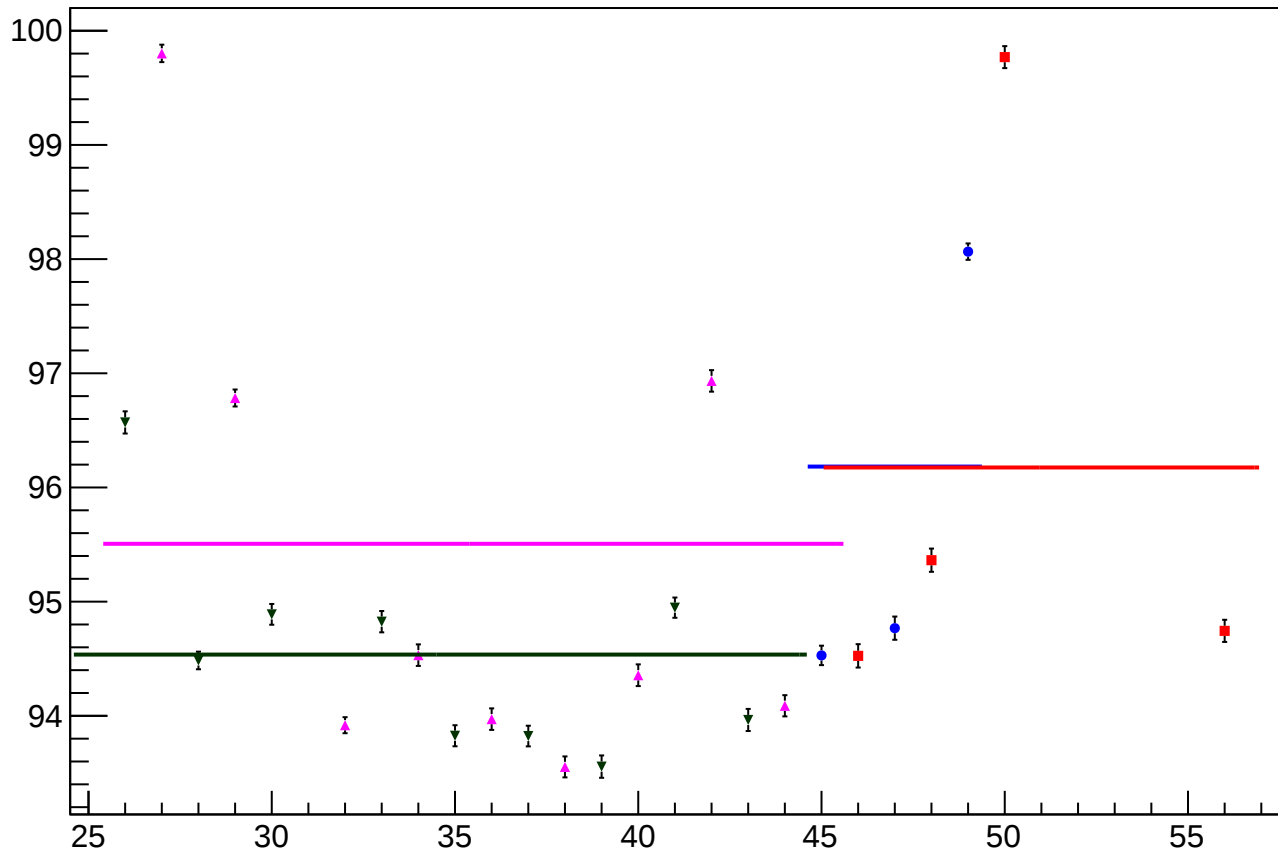
Right Out: 52.633 $\pm$ 70.171 χ^2/NDF : 3.8/3

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

91.293 $\pm$ 36.327 χ^2/NDF : 10.9/11

18.944 $\pm$ 34.876 χ^2/NDF : 22.3/12

reg_asym_ds_dd_rms vs slug



Right In: 96.183+/-0.048 χ^2/NDF : 1258.0/2

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

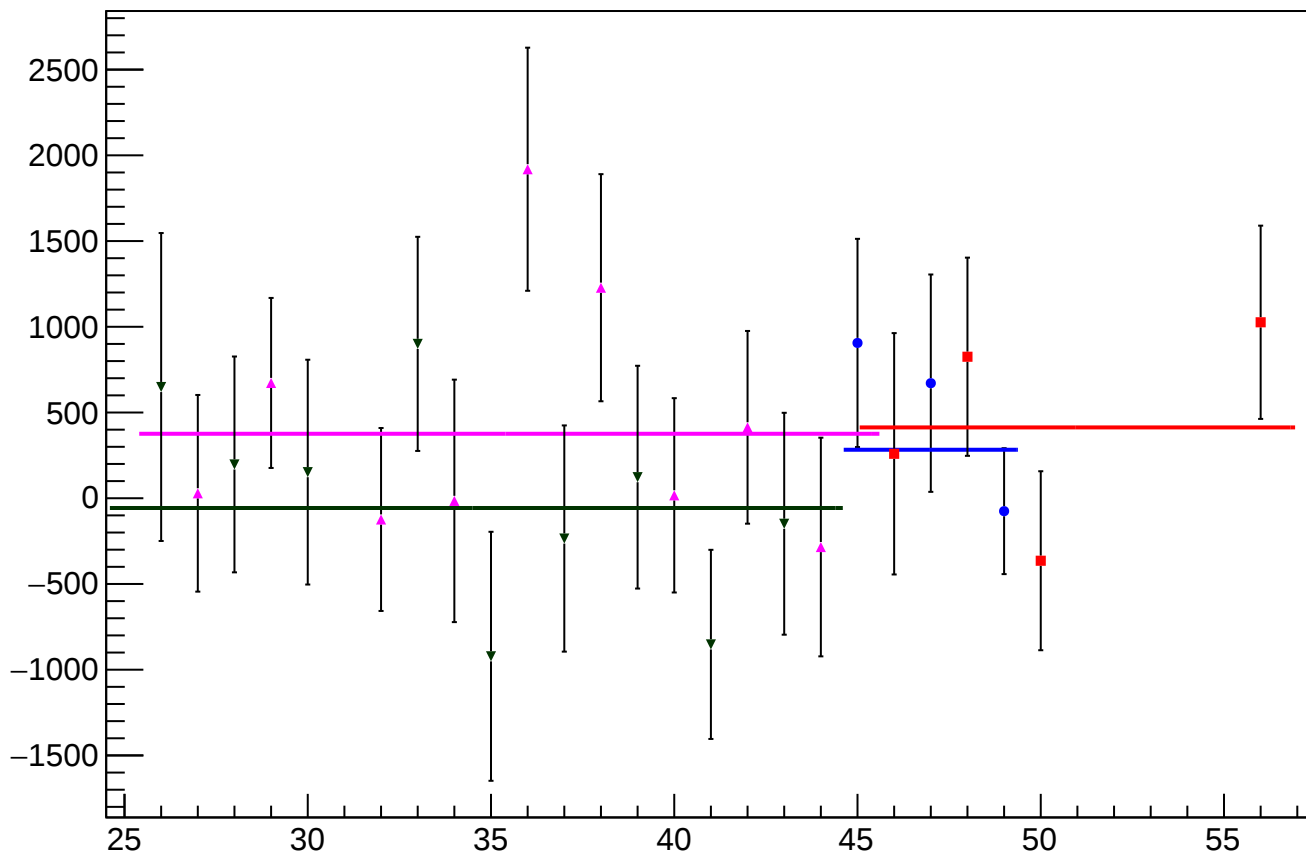
Right Out: 96.175+/-0.050 χ^2/NDF : 1935.0/3

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

95.002+/-0.026 χ^2/NDF : 2832.4/11

95.672+/-0.025 χ^2/NDF : 7477.3/12

asym_ds_dd_correction_mean vs slug



Right In: 282.793+/-281.521 χ^2/NDF : 2.4/2

Left Out: -56.903+/-218.768 χ^2/NDF : 6.9/8

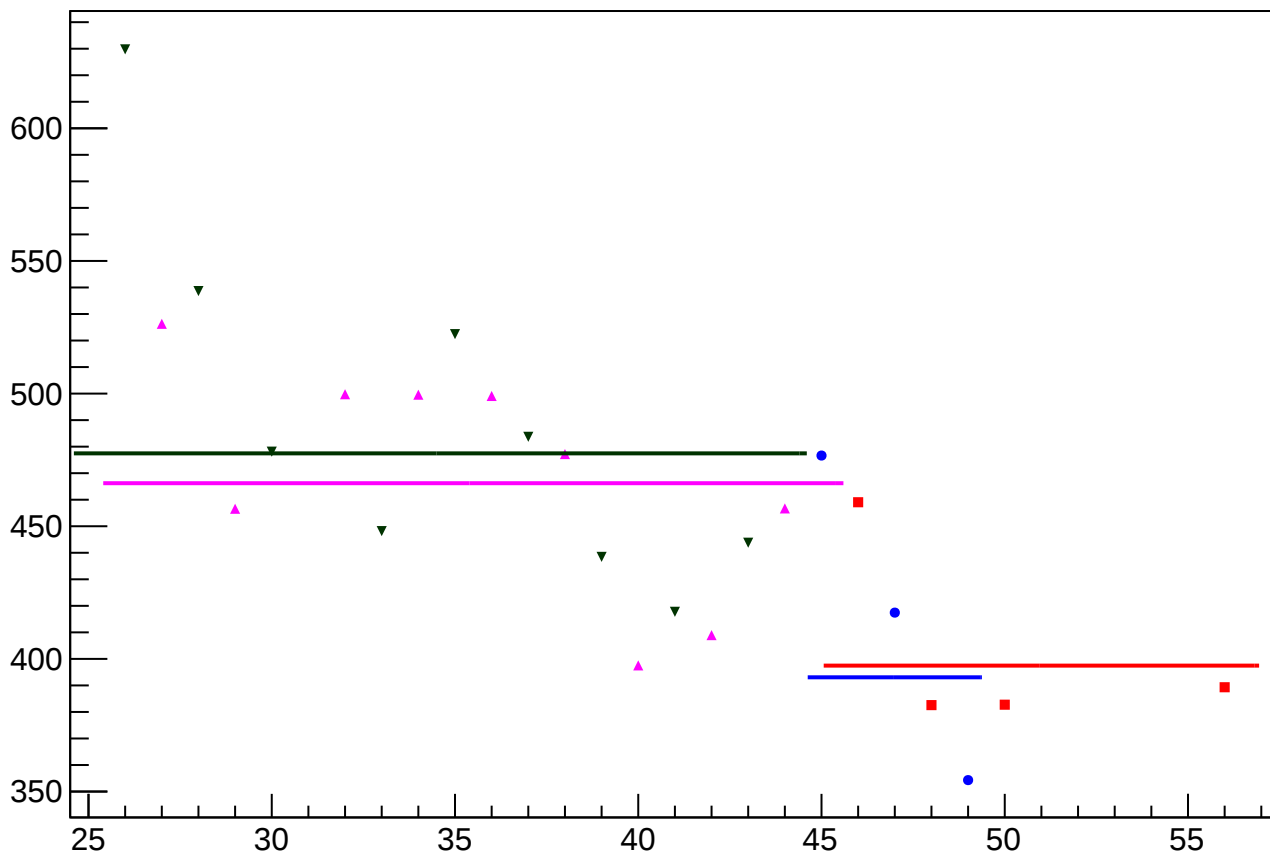
Right Out: 413.080+/-290.735 χ^2/NDF : 4.0/3

Left In: 376.012+/-197.531 χ^2/NDF : 9.8/8

70.996+/-172.742 χ^2/NDF : 10.2/11

387.719+/-163.388 χ^2/NDF : 13.7/12

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

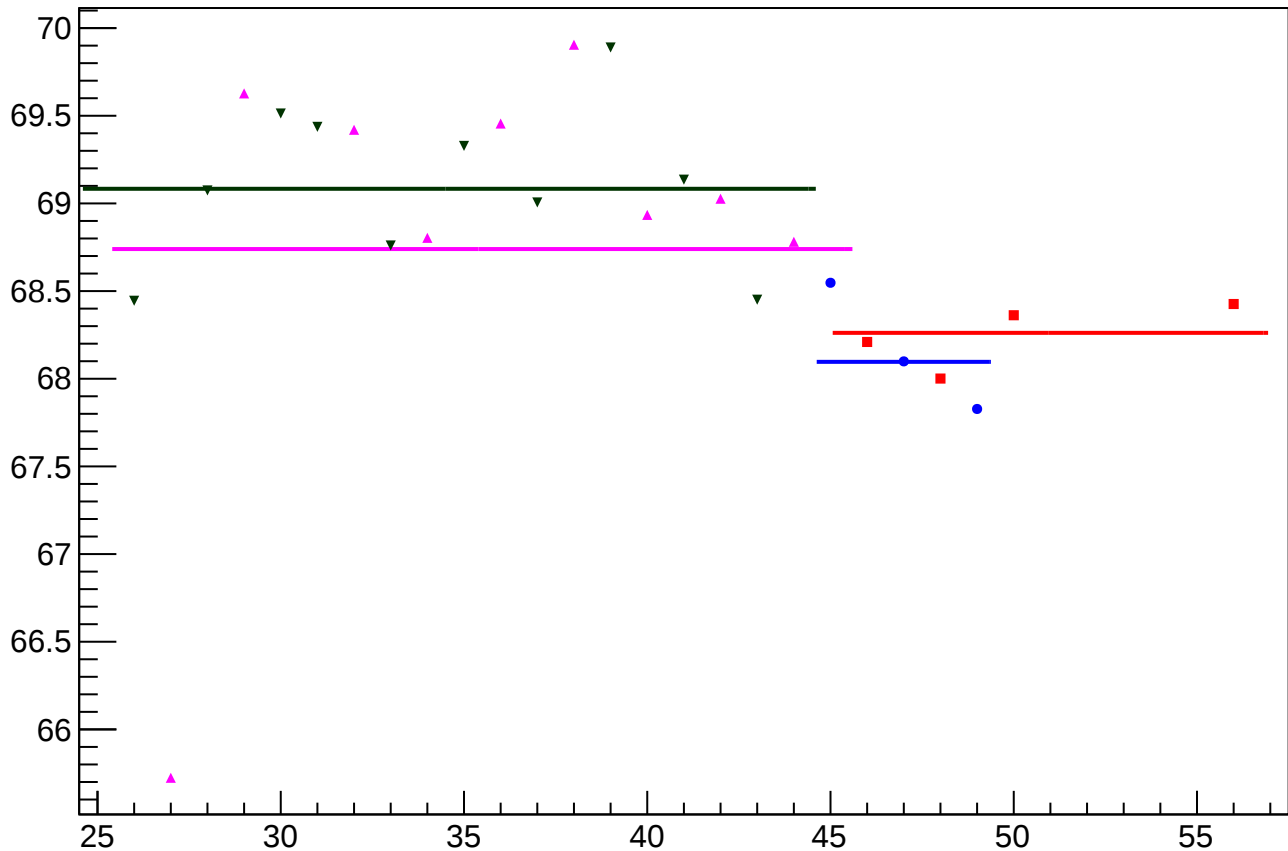
Right Out: 397.467+/-0.206 χ^2/NDF : 18647.9/3

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

445.689+/-0.122 χ^2/NDF : 299970.8/11

444.509+/-0.116 χ^2/NDF : 185668.3/12

yield_bcm_an_ds_mean vs slug



Right In: 68.096 $\pm$ 0.000 χ^2 /NDF: 4462859.0/2

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

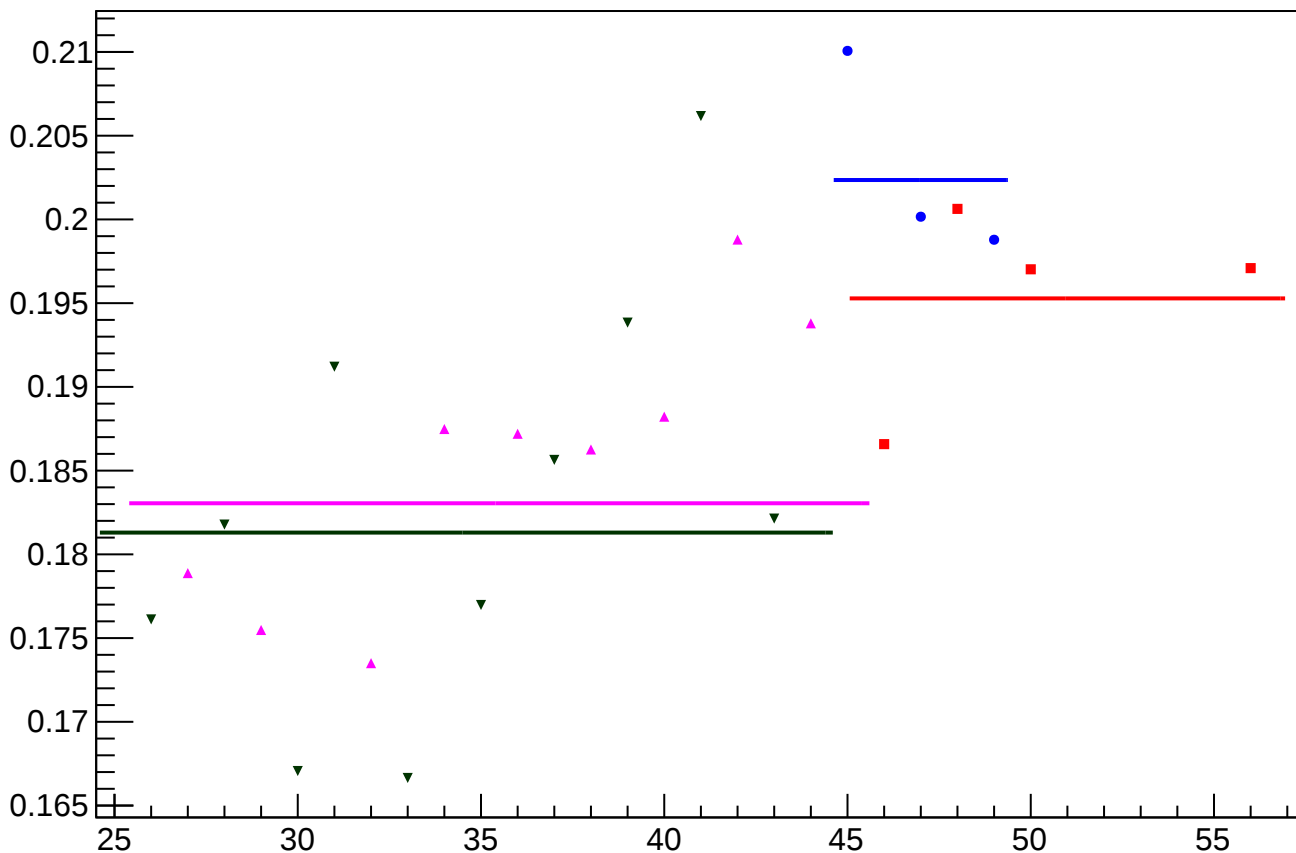
Right Out: 68.262 $\pm$ 0.000 χ^2 /NDF: 1205588.6/3

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

68.849 $\pm$ 0.000 χ^2 /NDF: 66733668.4/12

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

yield_bcm_an_ds_rms vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 2323.5/2

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

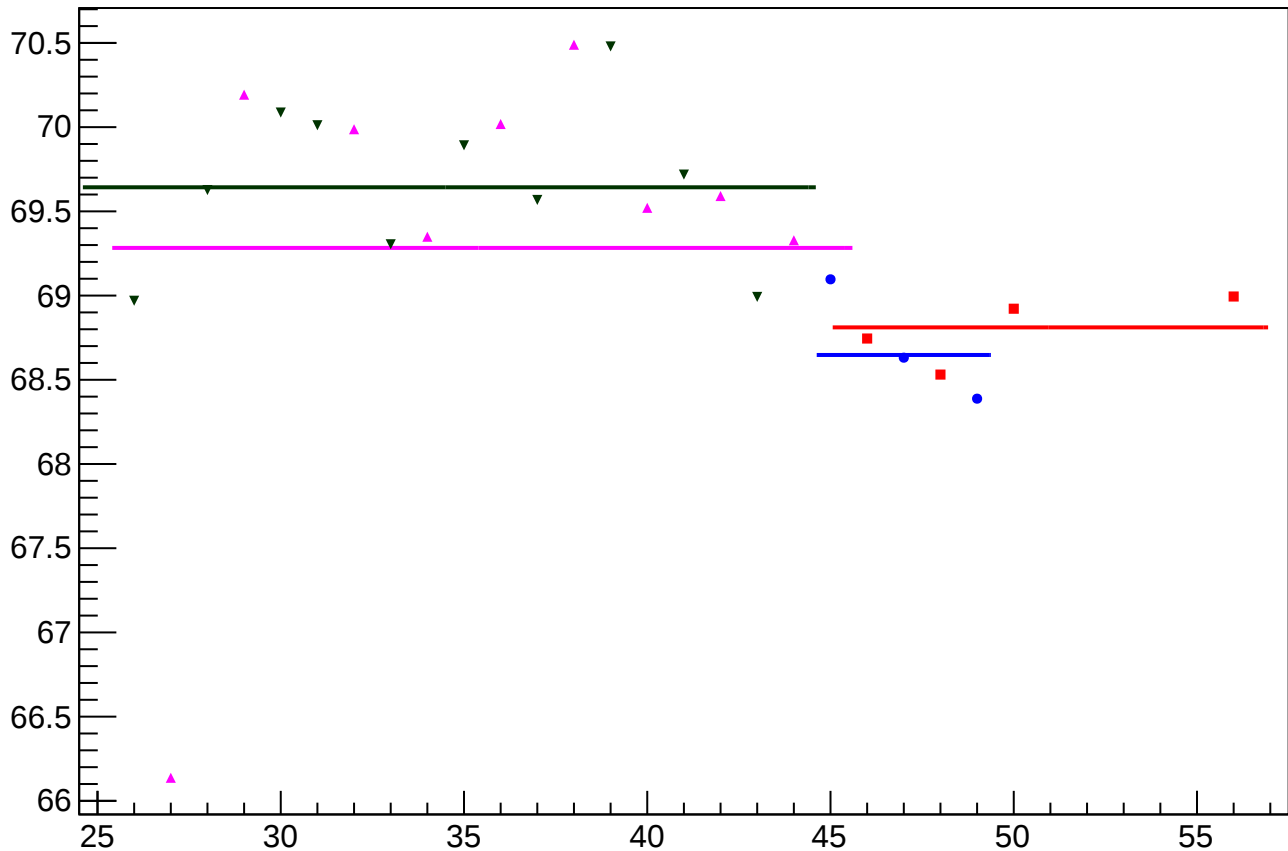
Right Out: 0.195 $\pm$ 0.000 χ^2 /NDF: 2522.3/3

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

0.186 $\pm$ 0.000 χ^2 /NDF: 73343.9/12

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

yield_bcm_an_ds3_mean vs slug



Right In: 68.647 $\pm$ 0.000 χ^2 /NDF: 4128019.1/2

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

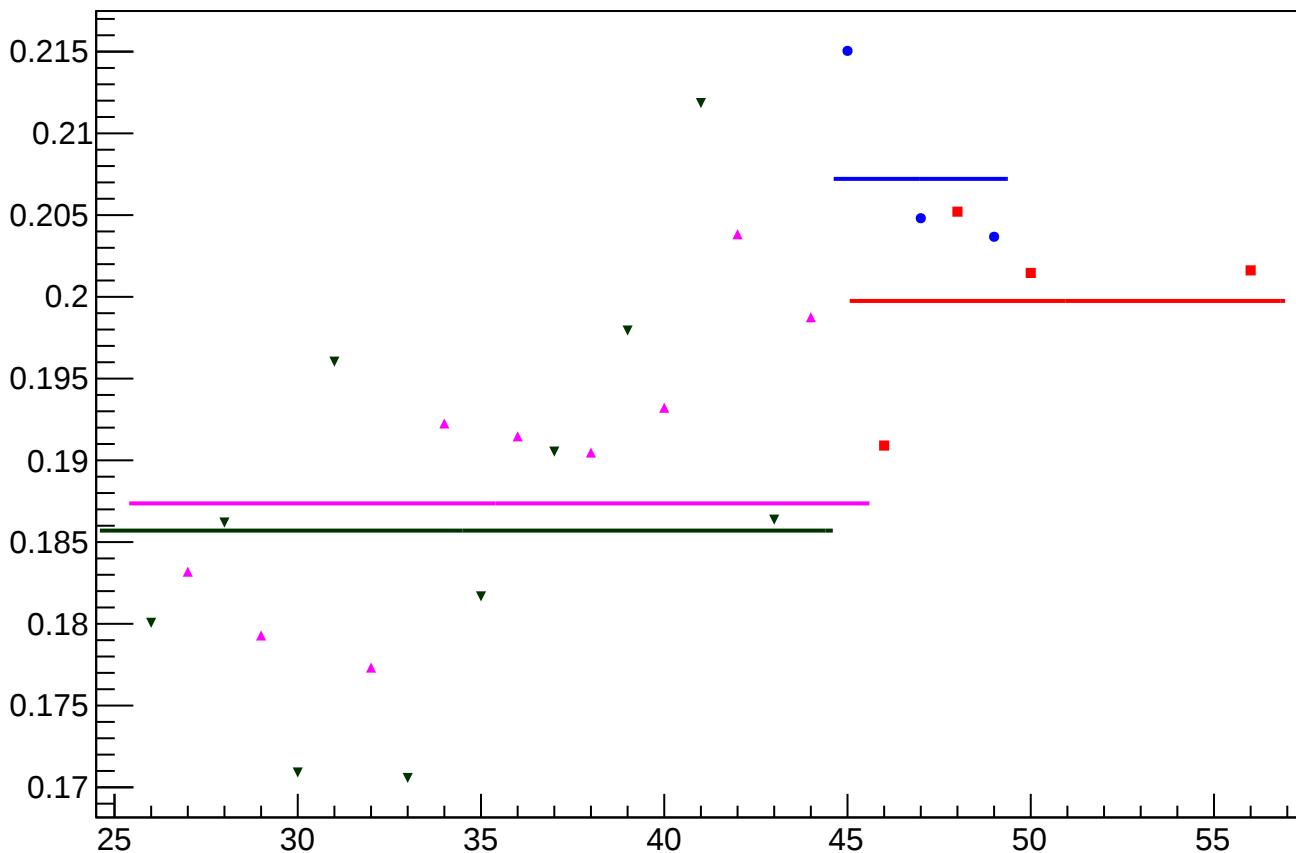
Right Out: 68.811 $\pm$ 0.000 χ^2 /NDF: 1380257.2/3

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

69.406 $\pm$ 0.000 χ^2 /NDF: 66256925.8/12

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

yield_bcm_an_ds3_rms vs slug



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

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

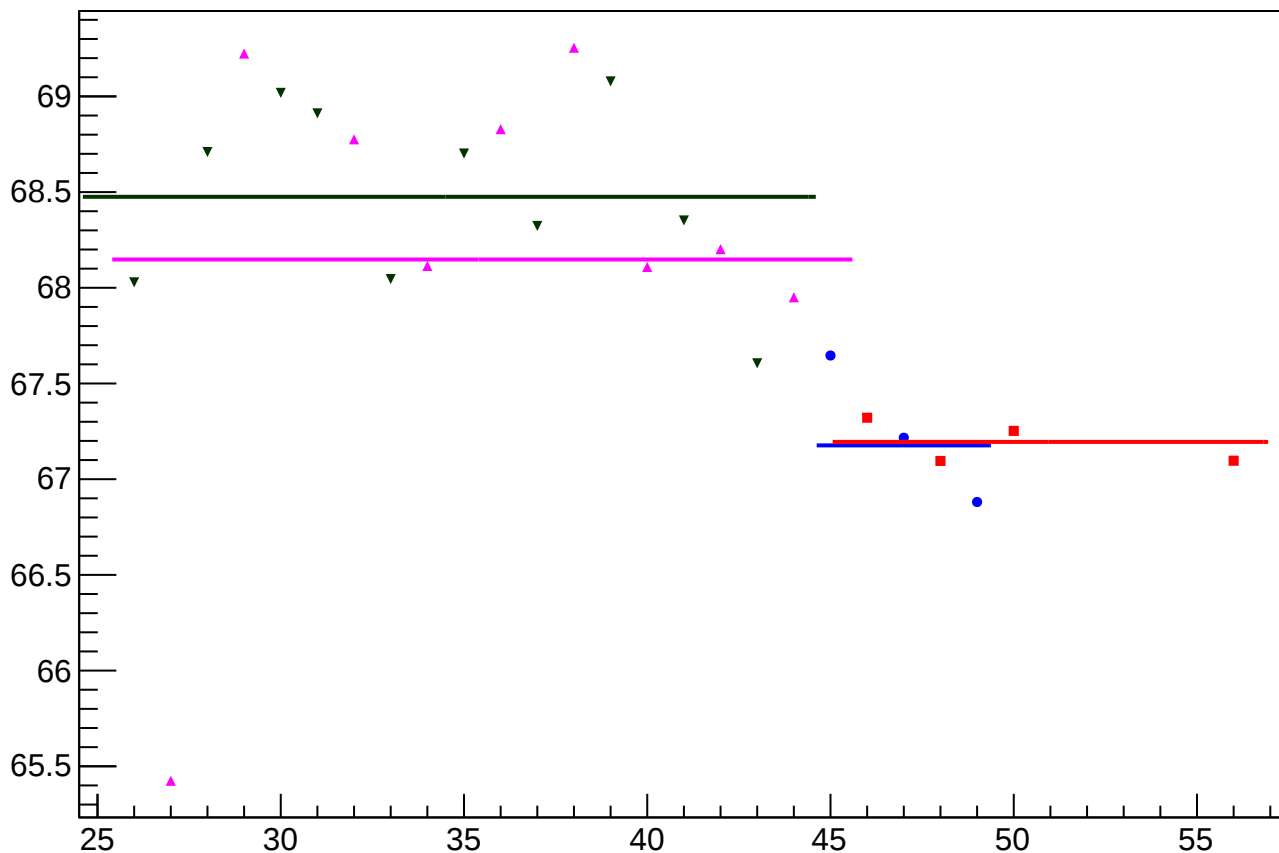
0.191 $\pm$ 0.000 χ^2 /NDF: 74125.7/12

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

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

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

yield_bcm_an_us_mean vs slug



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

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

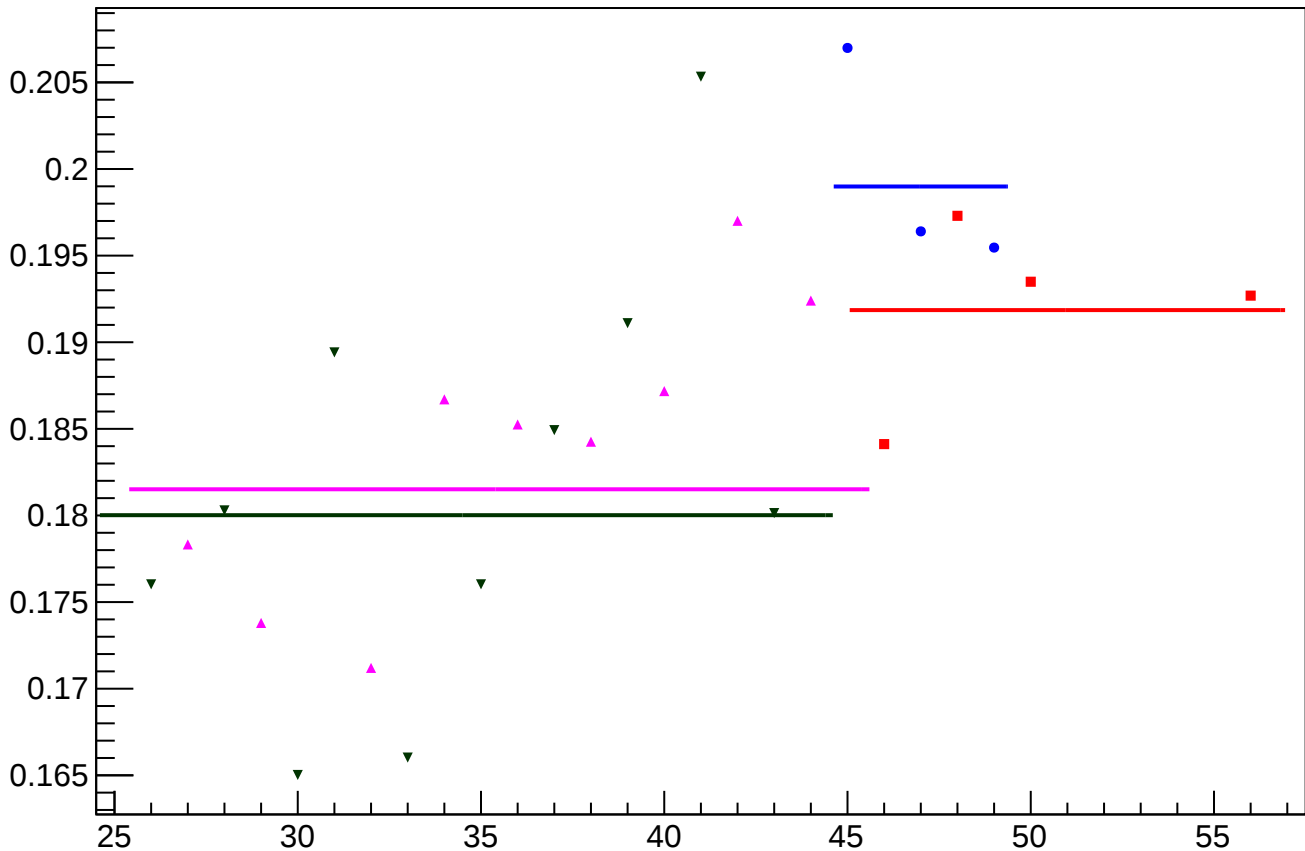
Right Out: 67.195+/-0.000 χ^2/NDF : 466416.3/3

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

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

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

yield_bcm_an_us_rms vs slug



Right In: 0.199+/-0.000 χ^2/NDF : 2551.8/2

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

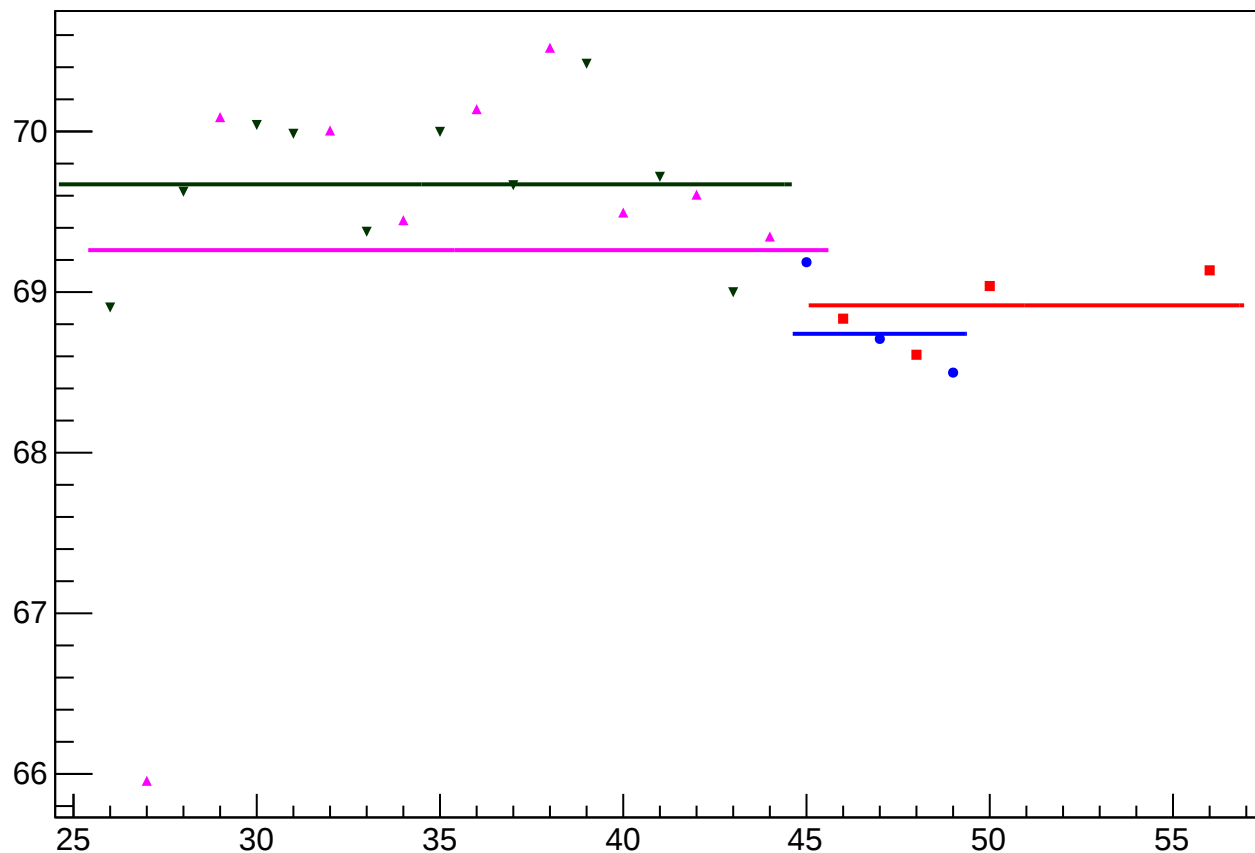
0.185+/-0.000 χ^2/NDF : 68263.0/12

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

0.184+/-0.000 χ^2/NDF : 31915.1/12

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

yield_bcm_dg_us_mean vs slug



Right In: 68.740+/-0.000 χ^2/NDF : 3564402.3/2

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

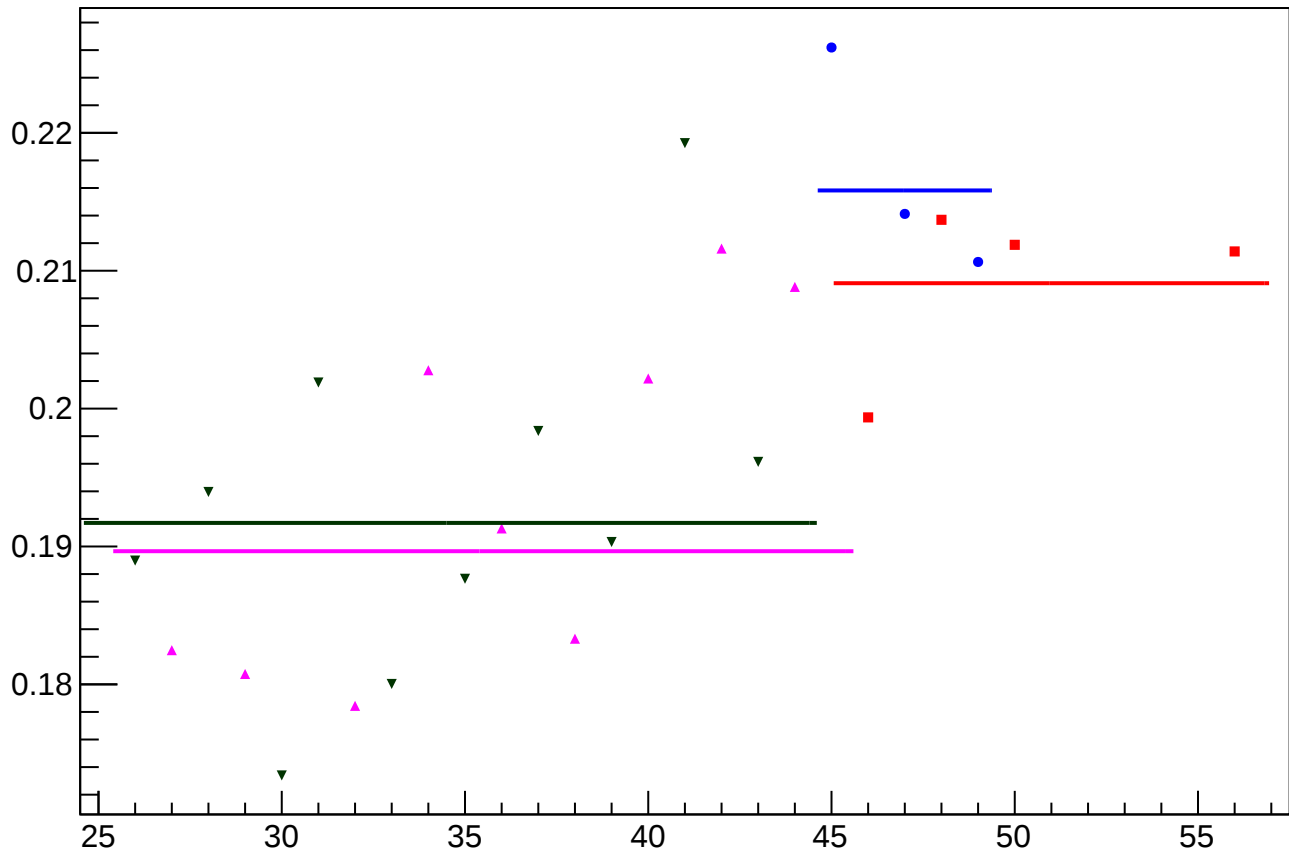
Right Out: 68.917+/-0.000 χ^2/NDF : 1609660.6/3

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

69.452+/-0.000 χ^2/NDF : 57479418.6/12

69.187+/-0.000 χ^2/NDF : 339558500.8/12

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

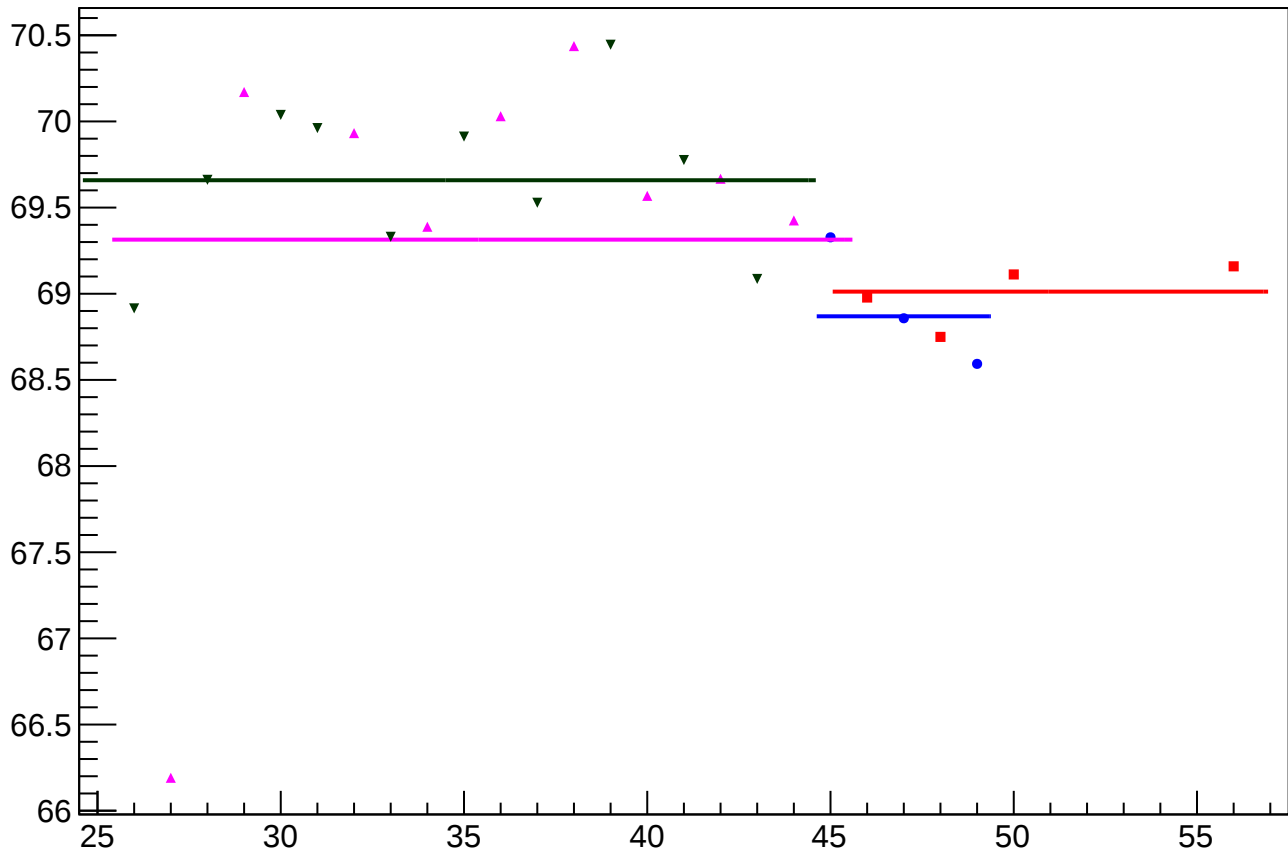
Right Out: 0.209+/-0.000 χ^2/NDF : 2613.0/3

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

0.197+/-0.000 χ^2/NDF : 78463.1/12

0.194+/-0.000 χ^2/NDF : 68787.4/12

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

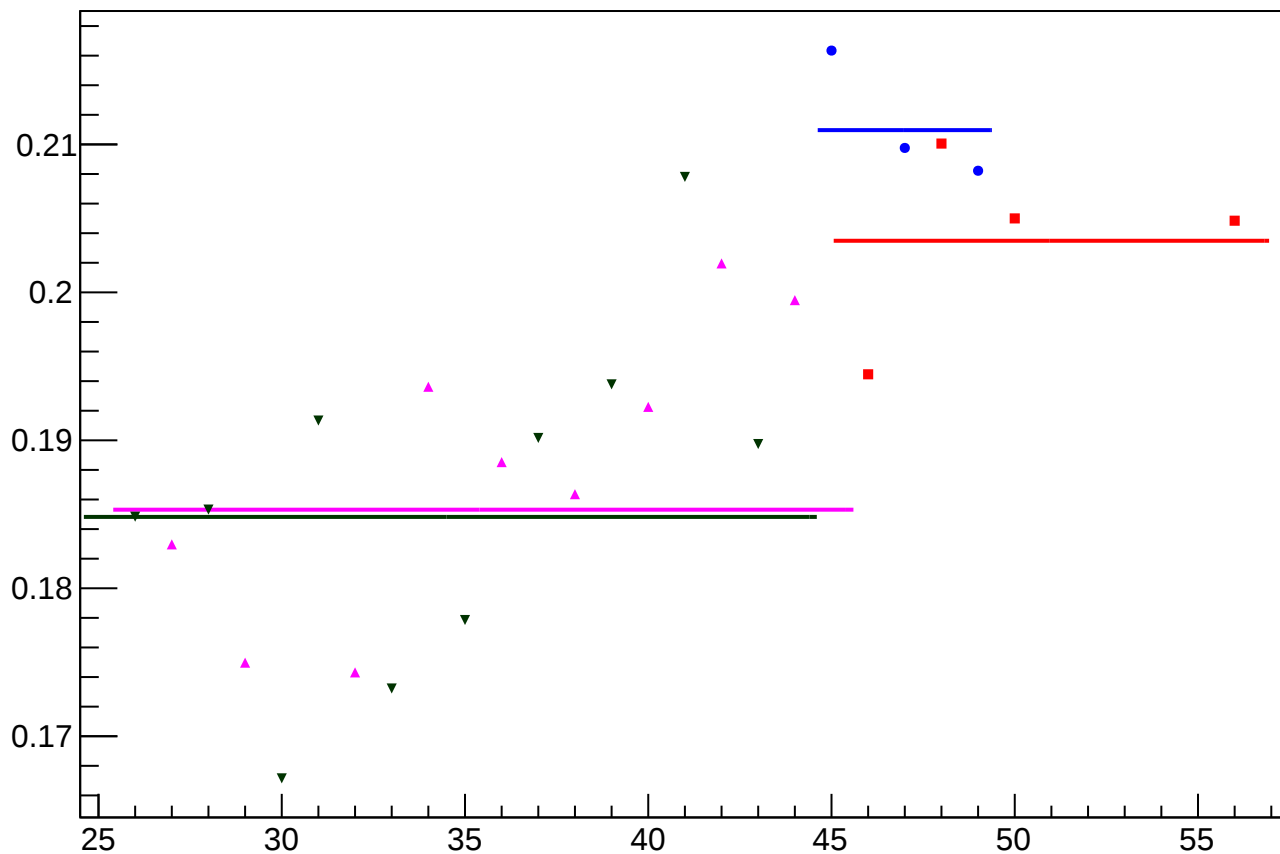
Right Out: 69.012+/-0.000 χ^2/NDF : 1036493.7/3

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

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

69.248+/-0.000 χ^2/NDF : 299268267.5/12

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

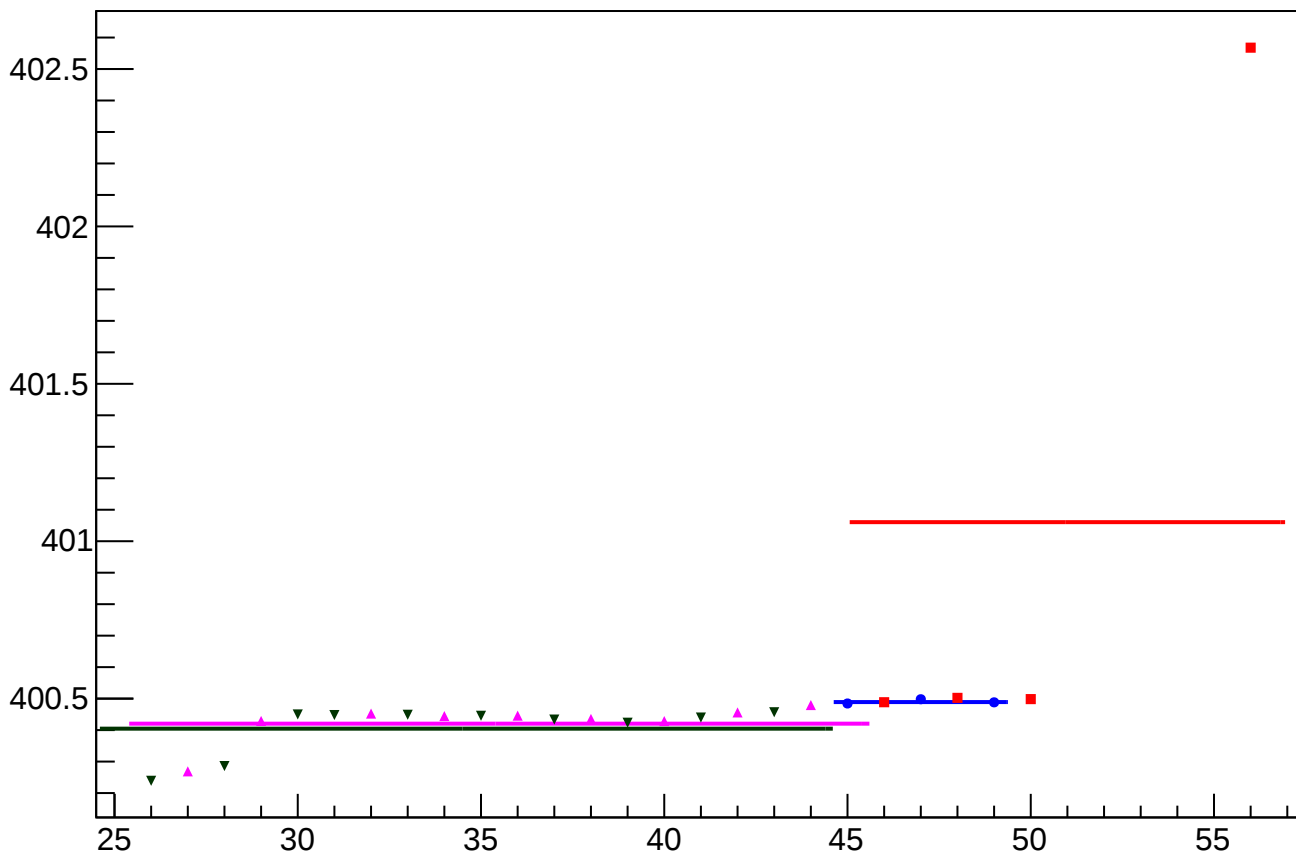
Right Out: 0.203+/-0.000 χ^2/NDF : 2670.1/3

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

0.191+/-0.000 χ^2/NDF : 82351.7/12

0.189+/-0.000 χ^2/NDF : 53371.3/12

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

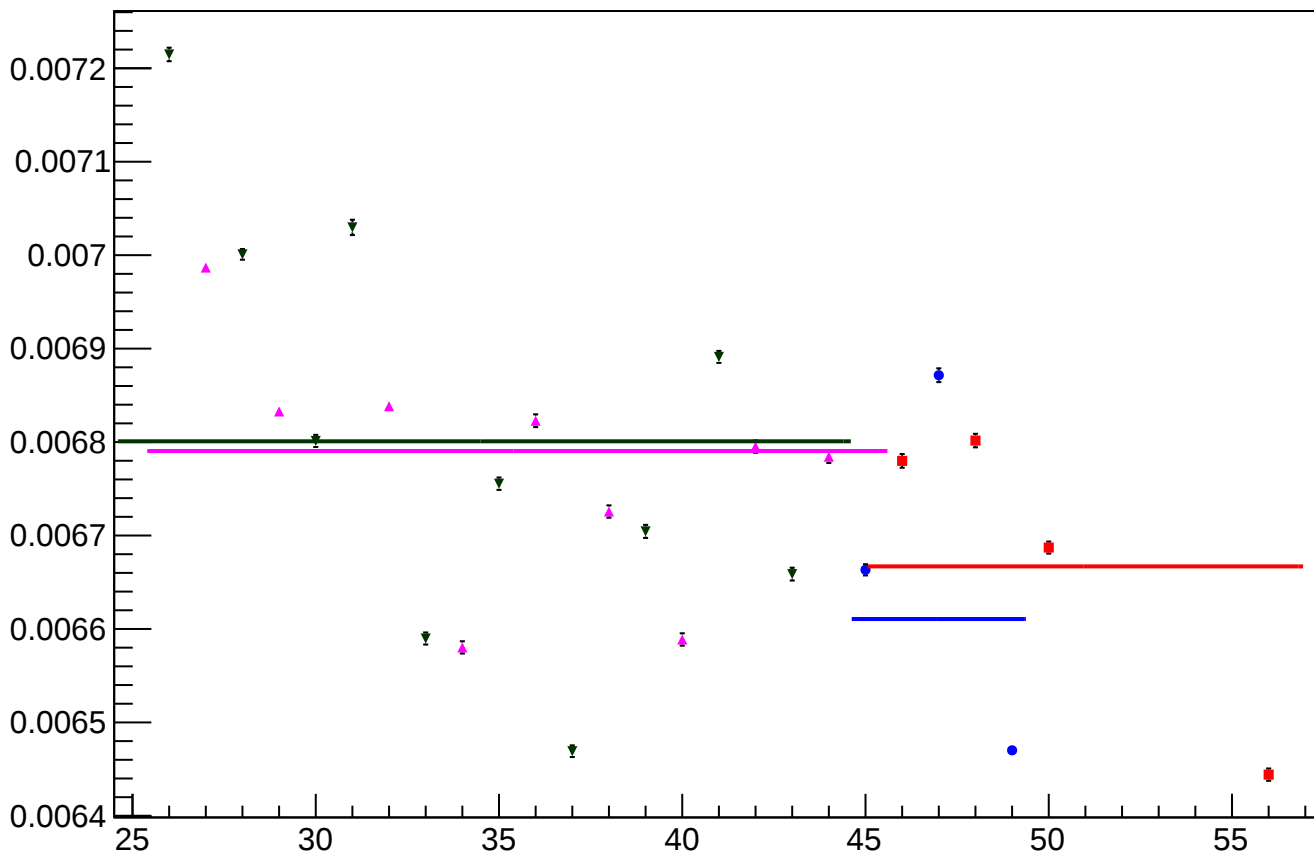
Right Out: 401.061+/-0.000 χ^2/NDF : 35869233796.7/3

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

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

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

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

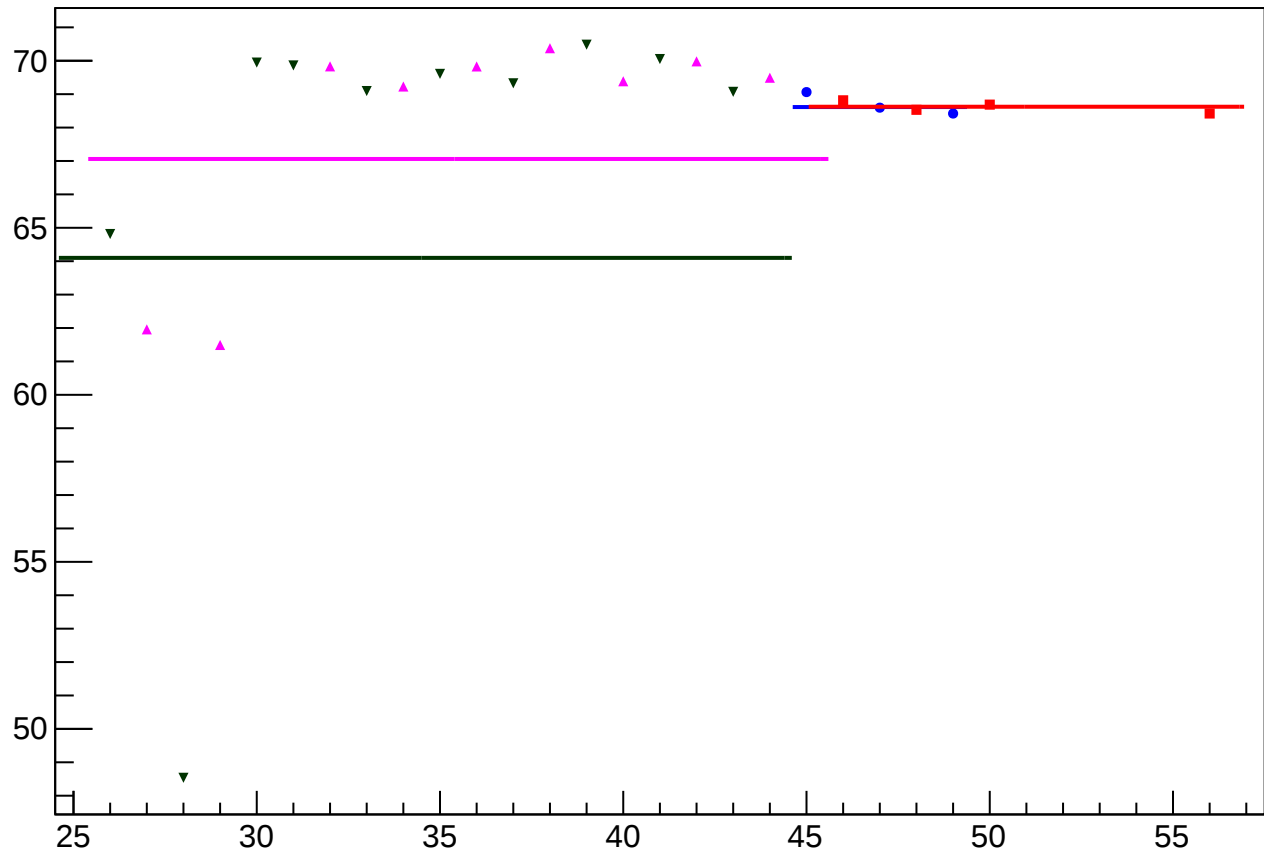
Right Out: 0.007+/-0.000 χ^2/NDF : 1729.9/3

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 : 6255.8/12

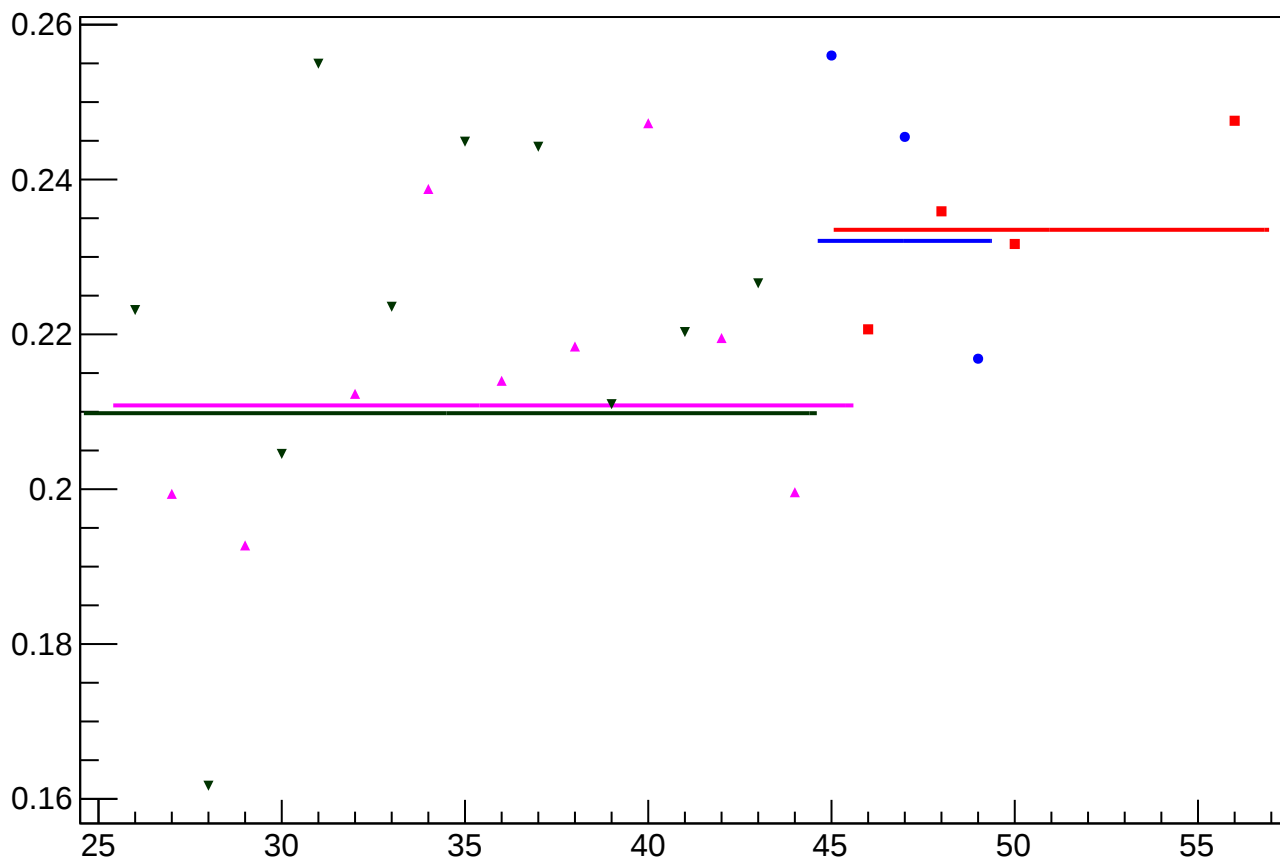
yield_cav4cQ_mean vs slug



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: 68.624 $\pm$ 0.000 χ^2 /NDF: 694867.7/3
 Left In: 67.060 $\pm$ 0.000 χ^2 /NDF: 1652976727.1/8

65.211 $\pm$ 0.000 χ^2 /NDF: 9047804168.8/12
 67.402 $\pm$ 0.000 χ^2 /NDF: 1714617294.2/12

yield_cav4cQ_rms vs slug



Right In: 0.232 $\pm$ 0.000 χ^2 /NDF: 21225.2/2

Left Out: 0.210 $\pm$ 0.000 χ^2 /NDF:194381.5/9

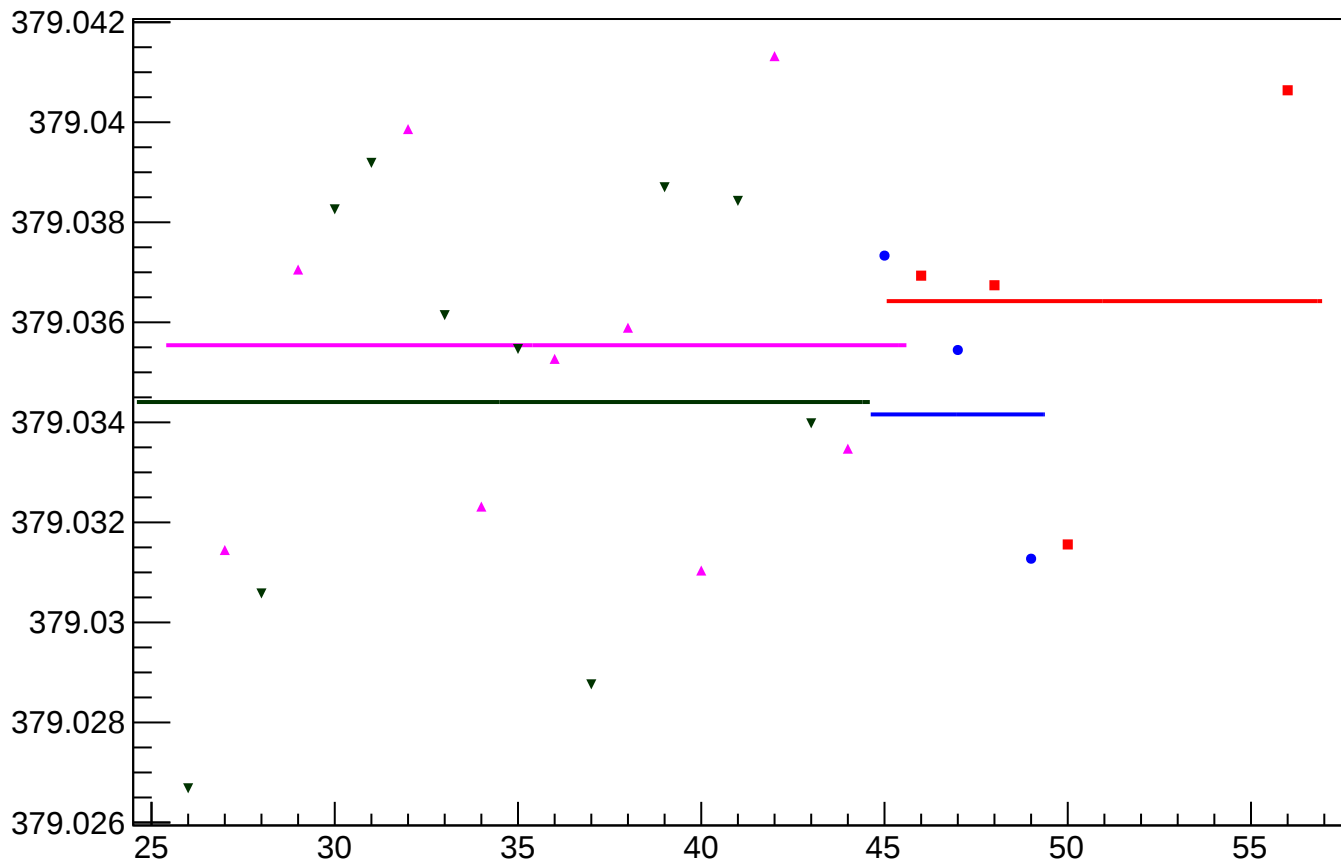
Right Out: 0.234 $\pm$ 0.000 χ^2 /NDF: 5705.4/3

Left In: 0.211 $\pm$ 0.000 χ^2 /NDF:55422.0/8

0.215 $\pm$ 0.000 χ^2 /NDF: 241341.0/12

0.216 $\pm$ 0.000 χ^2 /NDF: 86775.6/12

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

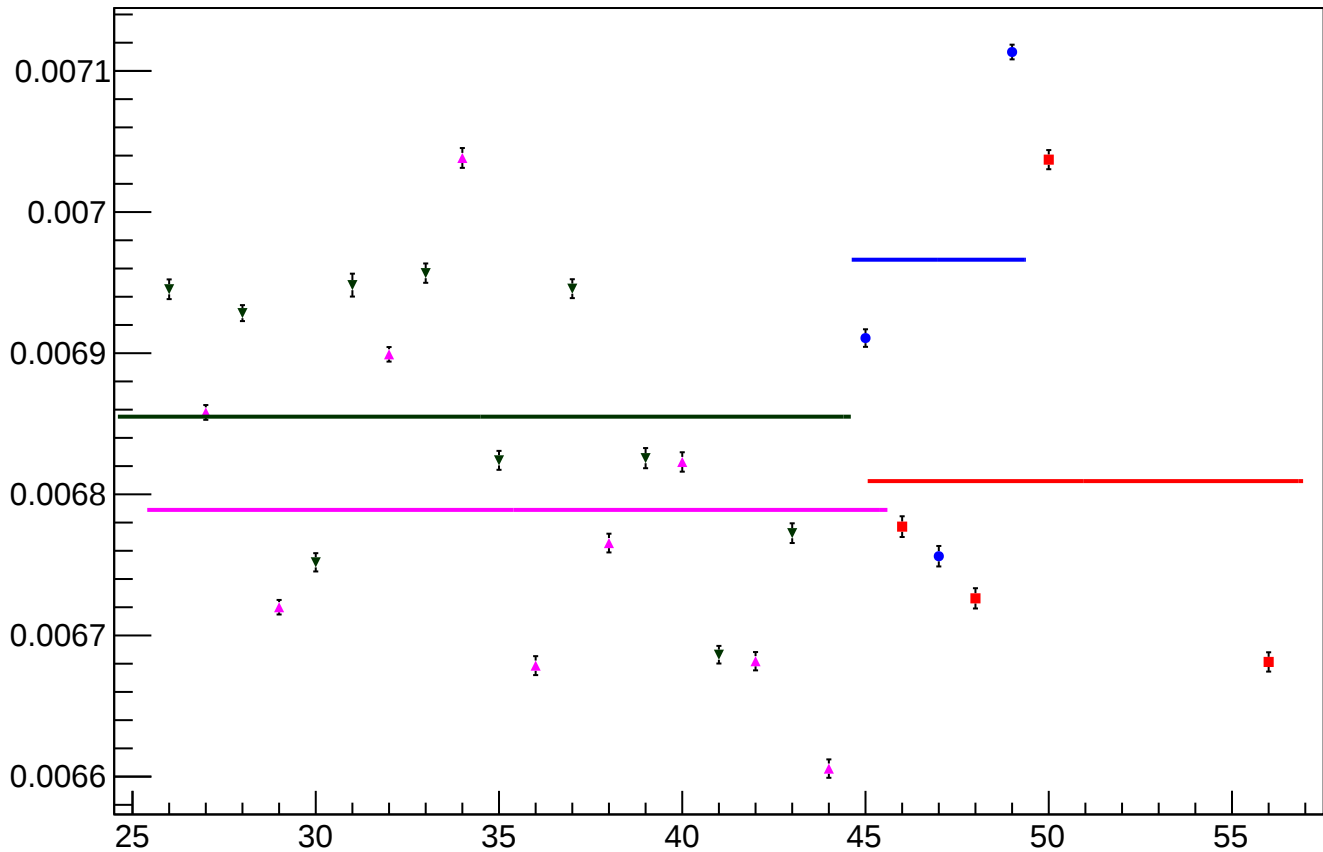
Right Out: 379.036 $\pm$ 0.000 χ^2 /NDF: 450333.4/3

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

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

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

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

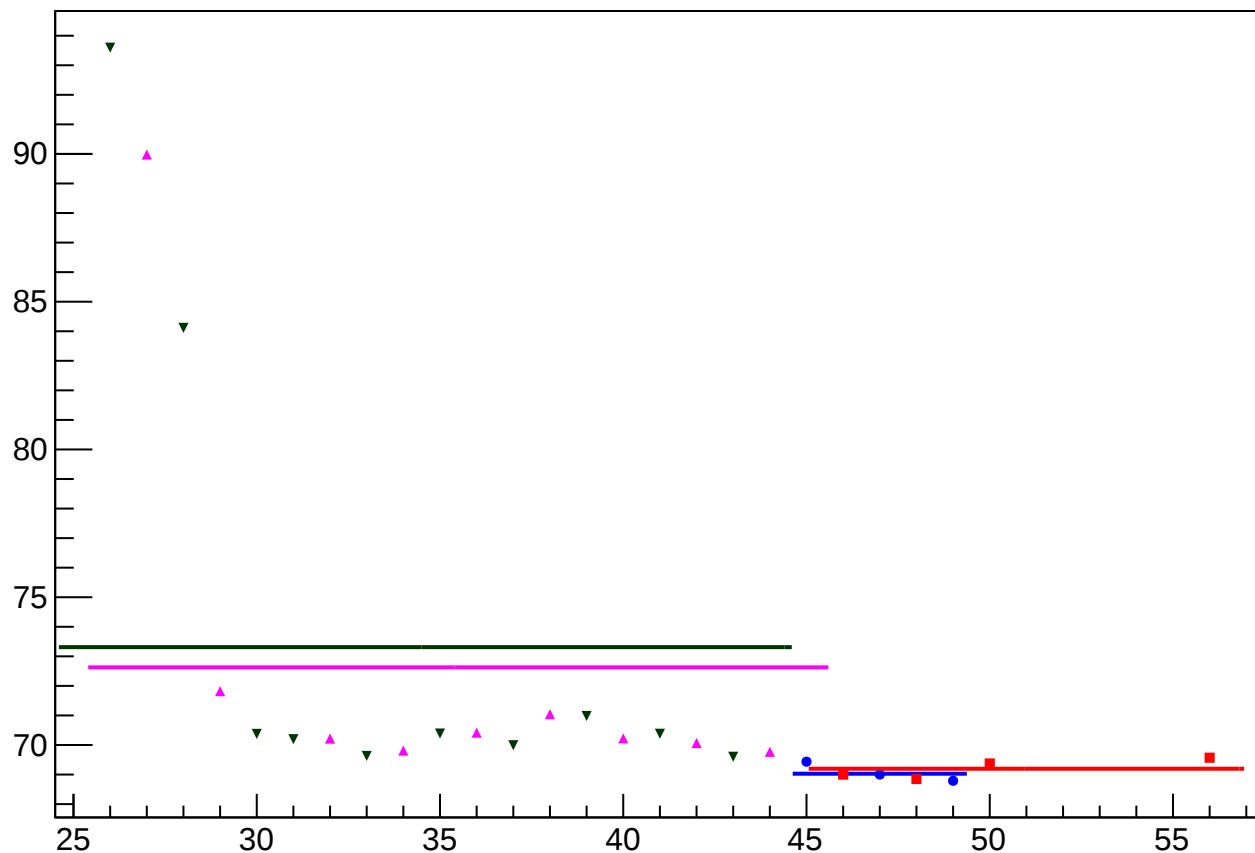
Right Out: 0.007+/-0.000 χ^2/NDF : 1631.0/3

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 : 5095.9/12

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

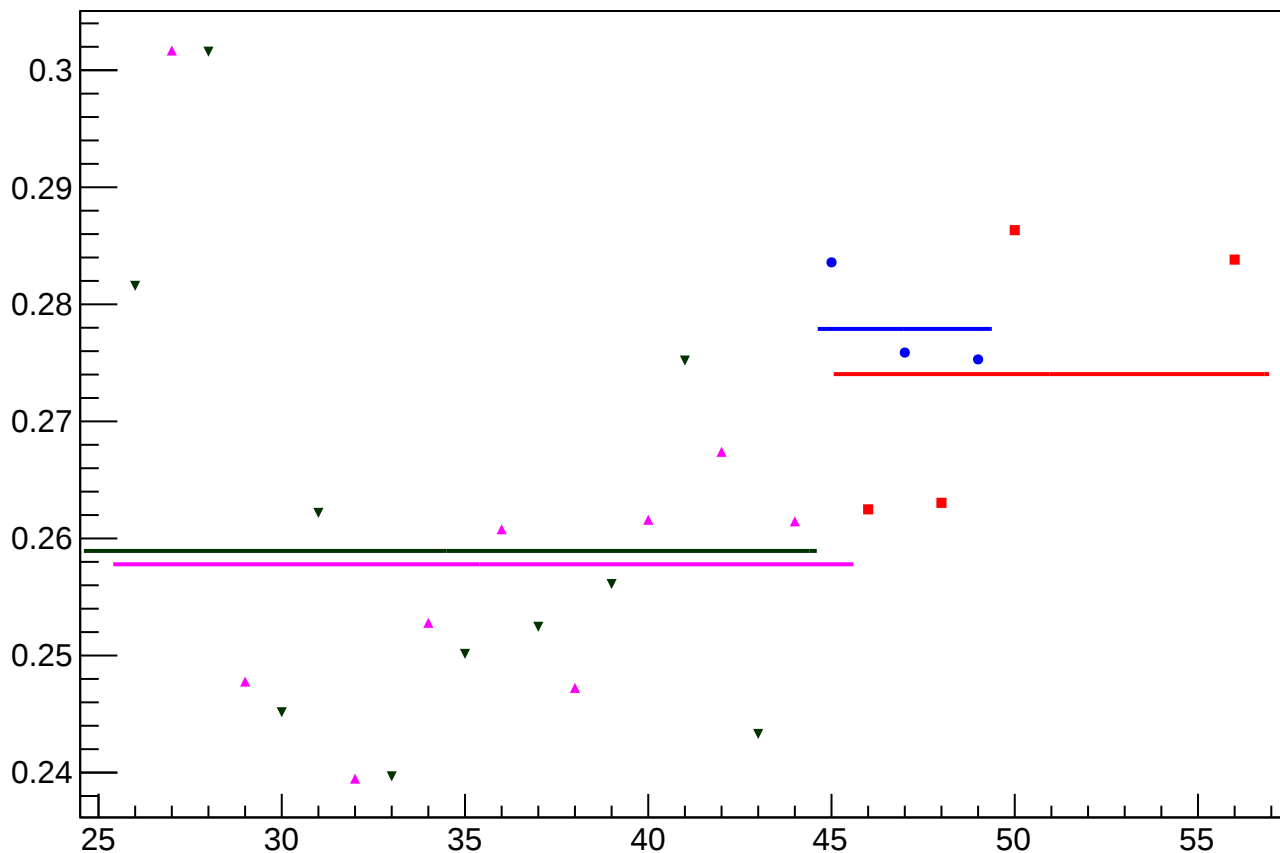
Right Out: 69.197+/-0.000 χ^2/NDF : 1926945.3/3

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

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

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

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

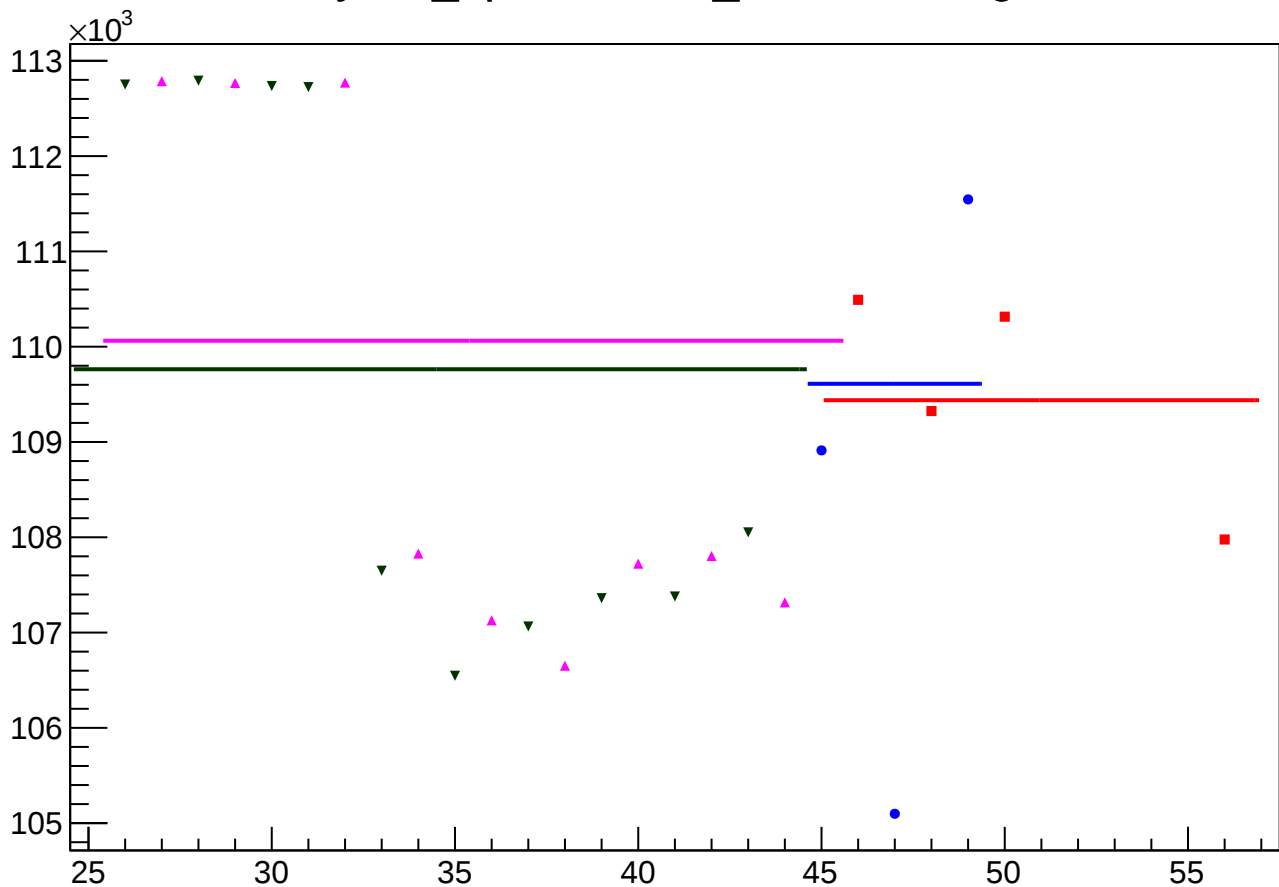
Right Out: 0.274+/-0.000 χ^2/NDF : 5961.5/3

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

0.264+/-0.000 χ^2/NDF : 61645.7/12

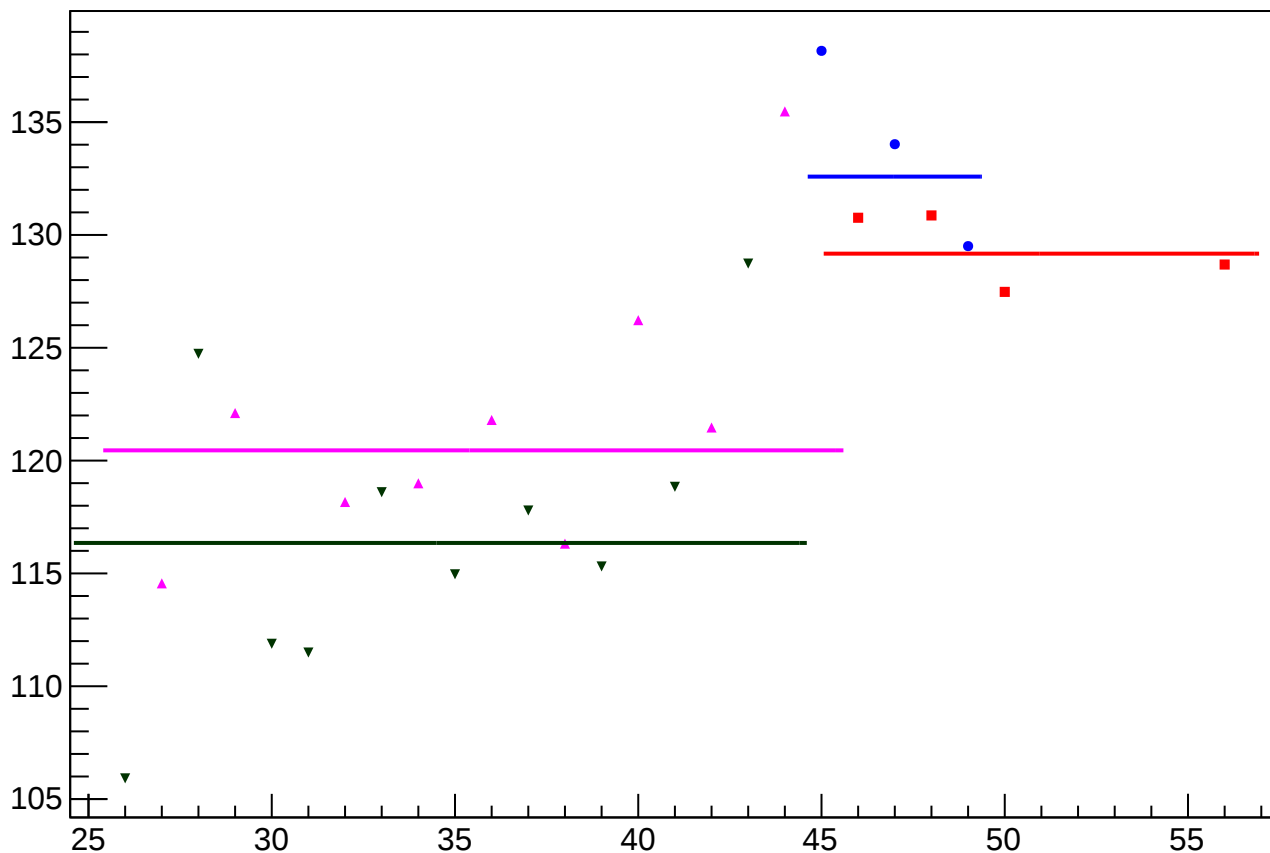
0.262+/-0.000 χ^2/NDF : 64792.0/12

yield_bpm2i01WS_mean vs slug



Right In: 109610.555 $\pm$ 0.100	χ^2 /NDF: 614114589.7/2	109729.207 $\pm$ 0.047	χ^2 /NDF: 3201440313.3/12
Left Out: 109763.312 $\pm$ 0.054	χ^2 /NDF: 2585526424.9/9		
Right Out: 109438.415 $\pm$ 0.100	χ^2 /NDF: 103227223.5/3	109923.678 $\pm$ 0.047	χ^2 /NDF: 2723618444.1/12
Left In: 110062.231 $\pm$ 0.053	χ^2 /NDF: 2589926778.7/8		

yield_bpm2i01WS_rms vs slug



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

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

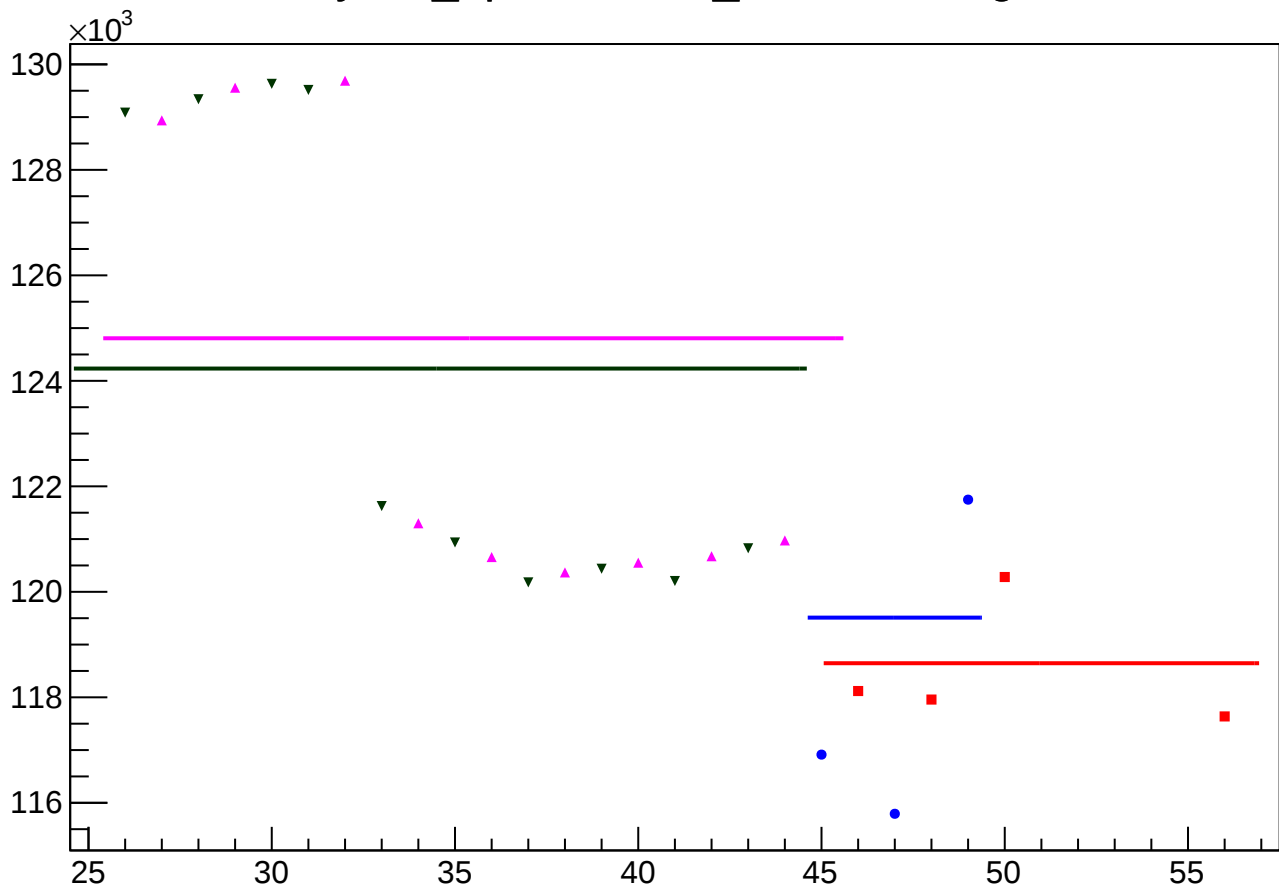
Right Out: 129.171 $\pm$ 0.070 χ^2 /NDF: 416.3/3

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

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

122.390 $\pm$ 0.033 χ^2 /NDF: 31408.3/12

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

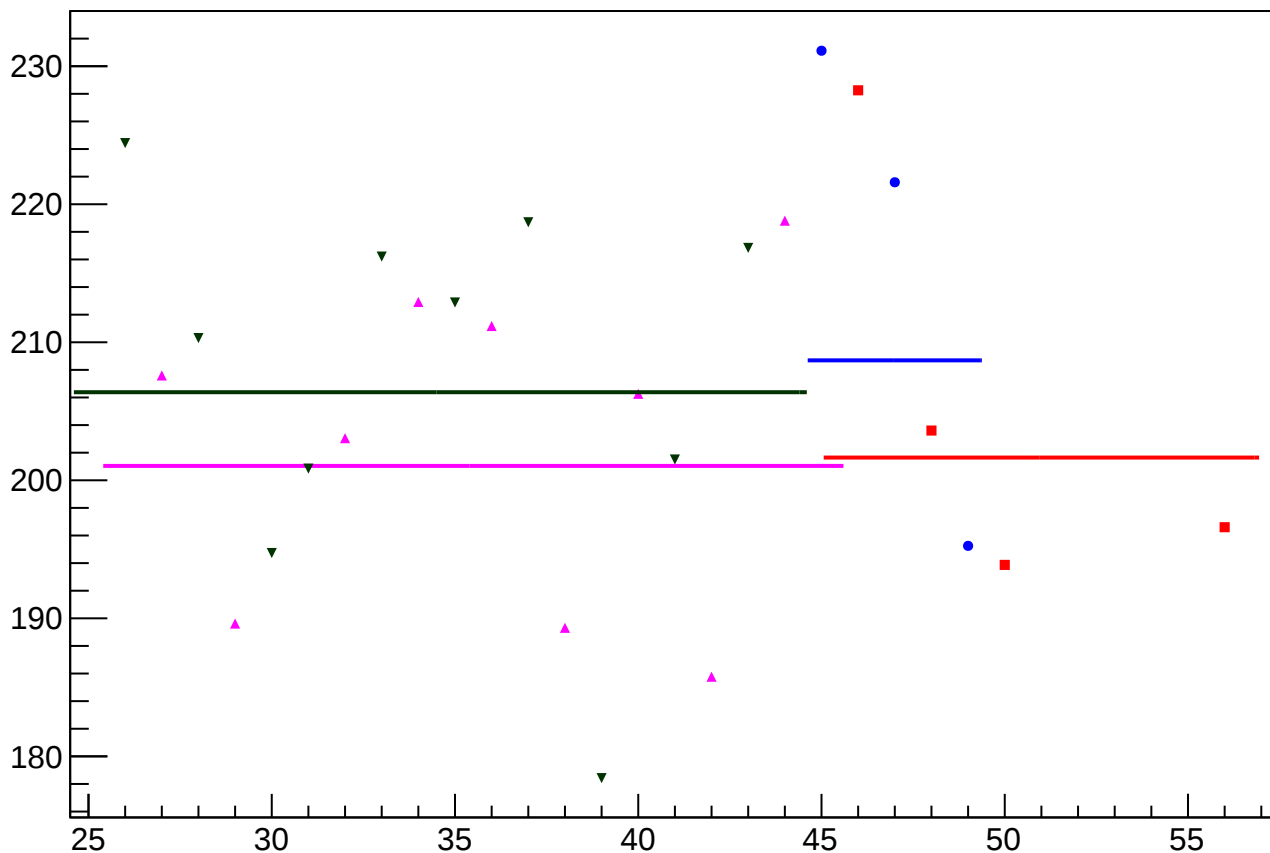
Right Out: 118646.473 $\pm$ 0.155 χ^2 /NDF: 55371950.3/3

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

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

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

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

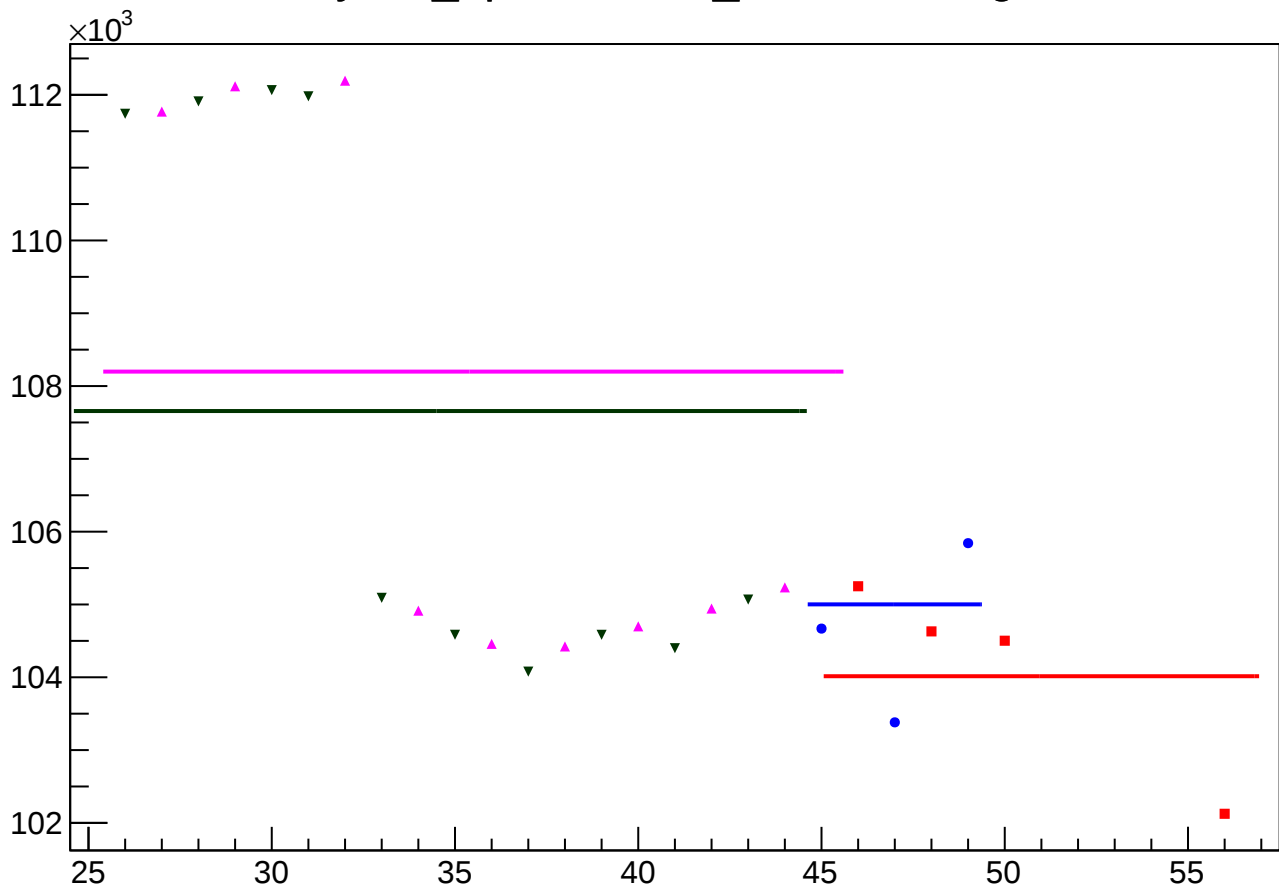
Right Out: 201.647 ± 0.109 χ^2/NDF : 10233.0/3

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

206.980 ± 0.056 χ^2/NDF : 62922.7/12

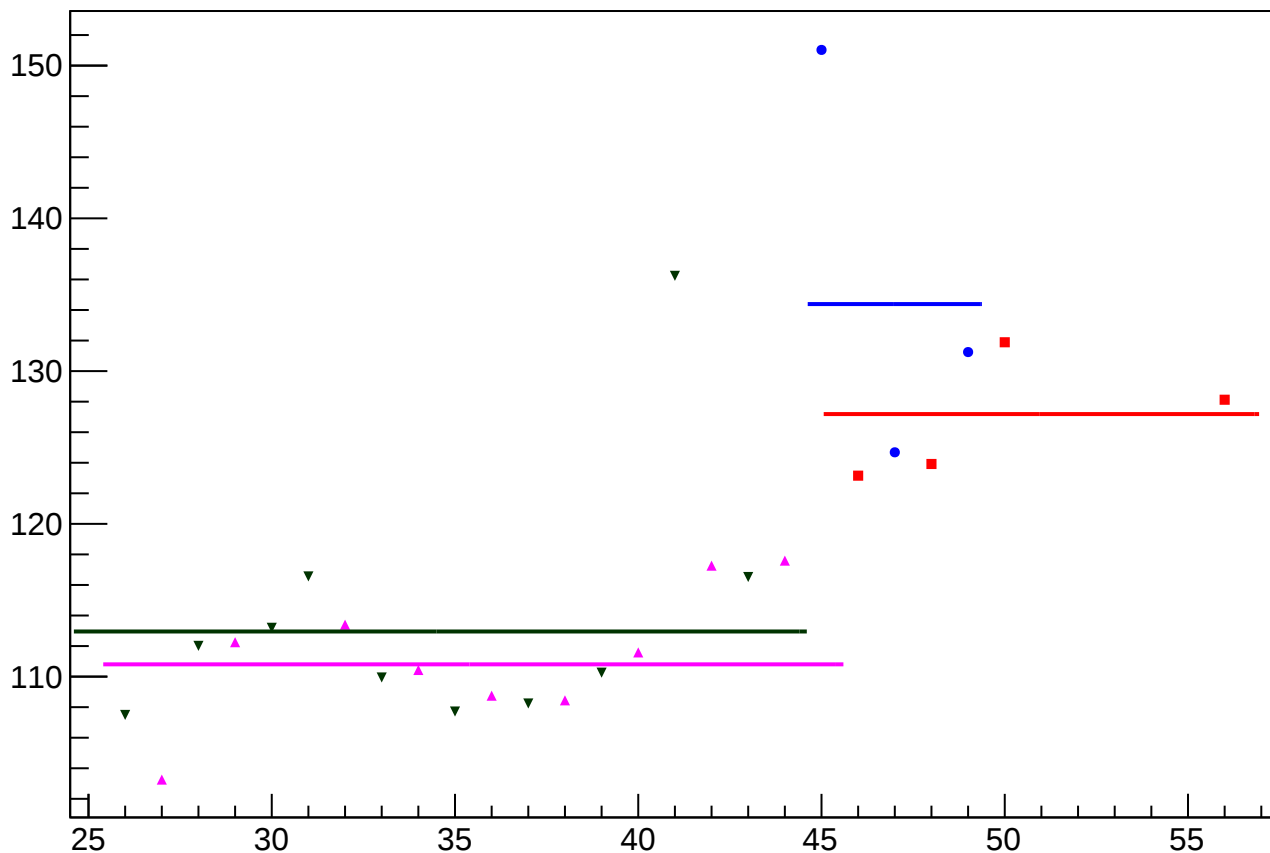
201.183 ± 0.053 χ^2/NDF : 41870.3/12

yield_bpm0l01WS_mean vs slug



Right In: 105001.404 $\pm$ 0.100	χ^2 /NDF: 100158482.9/2	107122.138 $\pm$ 0.045	χ^2 /NDF: 5795740062.3/12
Left Out: 107656.991 $\pm$ 0.050	χ^2 /NDF: 5135639688.0/9		
Right Out: 104014.486 $\pm$ 0.098	χ^2 /NDF: 148471995.9/3	107417.344 $\pm$ 0.042	χ^2 /NDF: 7625183516.4/12
Left In: 108198.580 $\pm$ 0.047	χ^2 /NDF: 5989856583.8/8		

yield_bpm0l01WS_rms vs slug



Right In: 134.389 $\pm$ 0.071 χ^2 /NDF: 18287.2/2

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

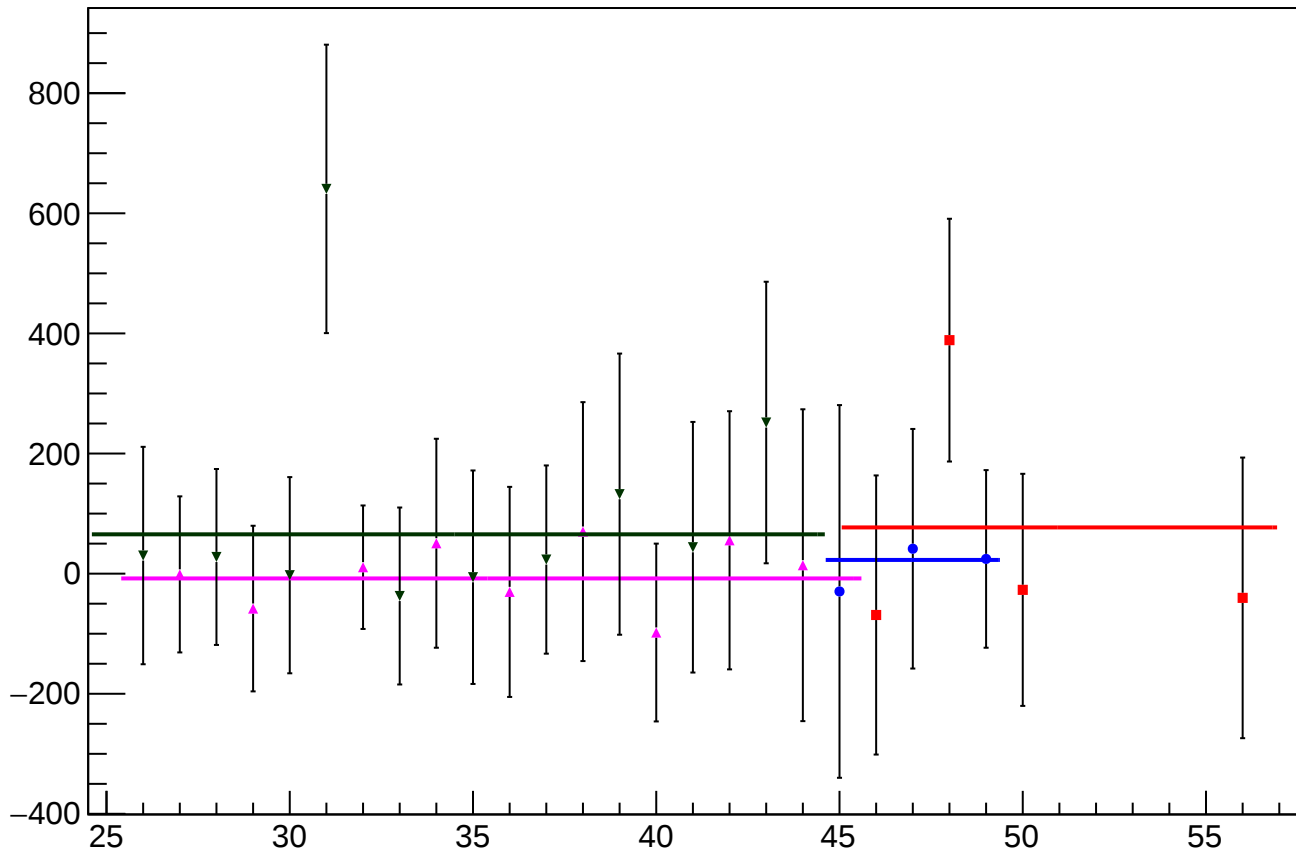
Right Out: 127.188 $\pm$ 0.069 χ^2 /NDF: 2545.7/3

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

117.272 $\pm$ 0.032 χ^2 /NDF: 134311.4/12

113.863 $\pm$ 0.030 χ^2 /NDF: 65682.7/12

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

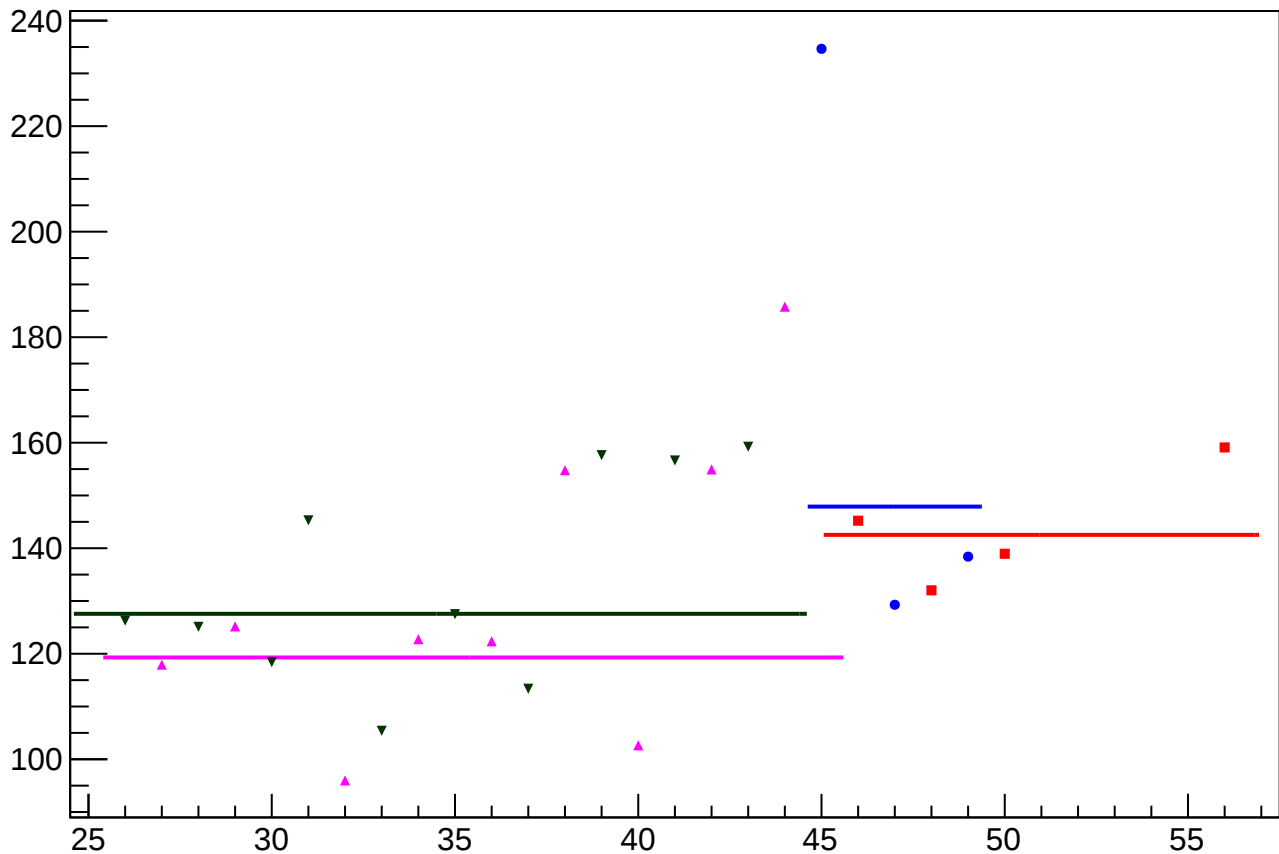
Right Out: 76.977+/-106.534 χ^2 /NDF: 3.3/3

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

56.626+/-50.566 χ^2 /NDF: 7.6/12

8.167+/-46.428 χ^2 /NDF: 4.7/12

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

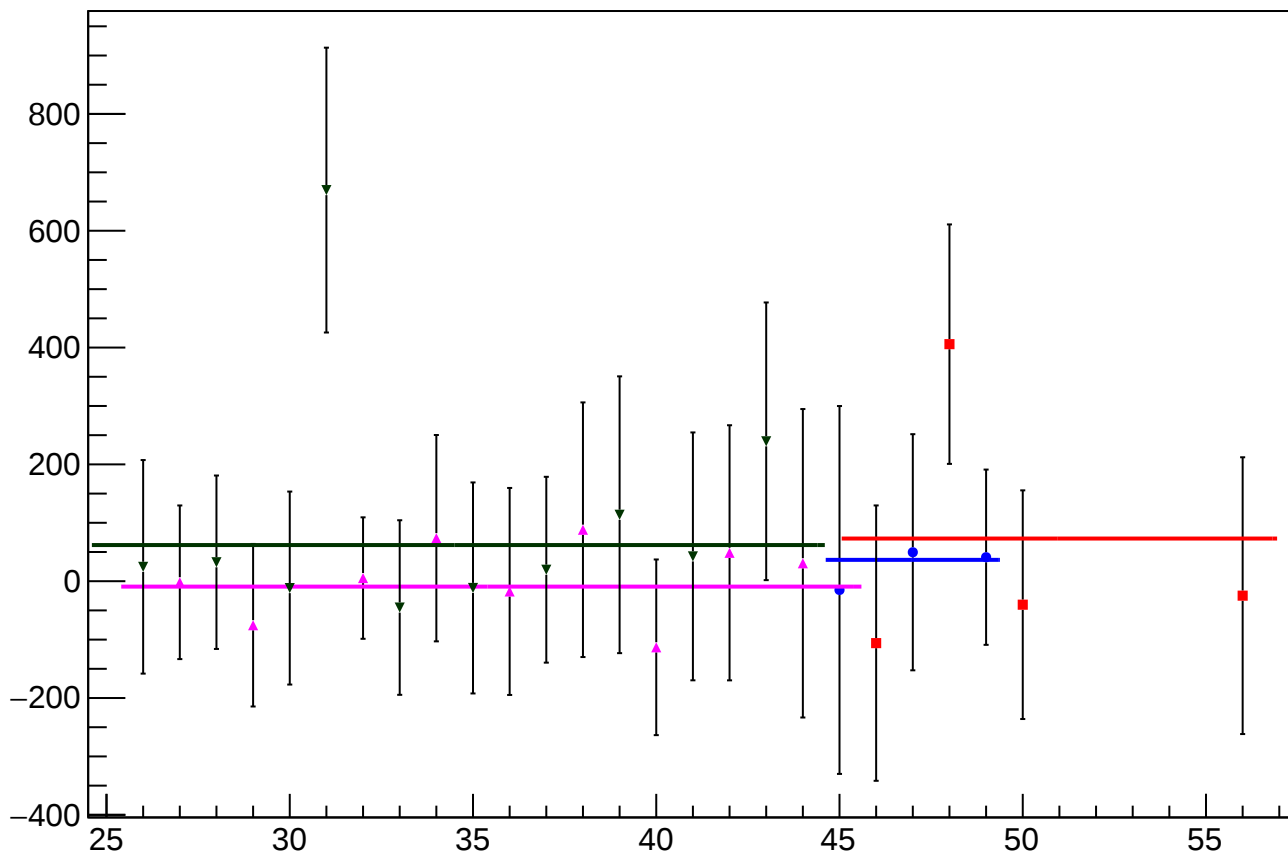
Right Out: 142.532+/-0.075 χ^2/NDF : 16427.2/3

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

131.792+/-0.036 χ^2/NDF : 423073.5/12

123.711+/-0.033 χ^2/NDF : 467196.1/12

asym_bcm_an_ds3_mean vs slug



Right In: 36.545 $\pm$ 112.524 χ^2 /NDF: 0.0/2

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

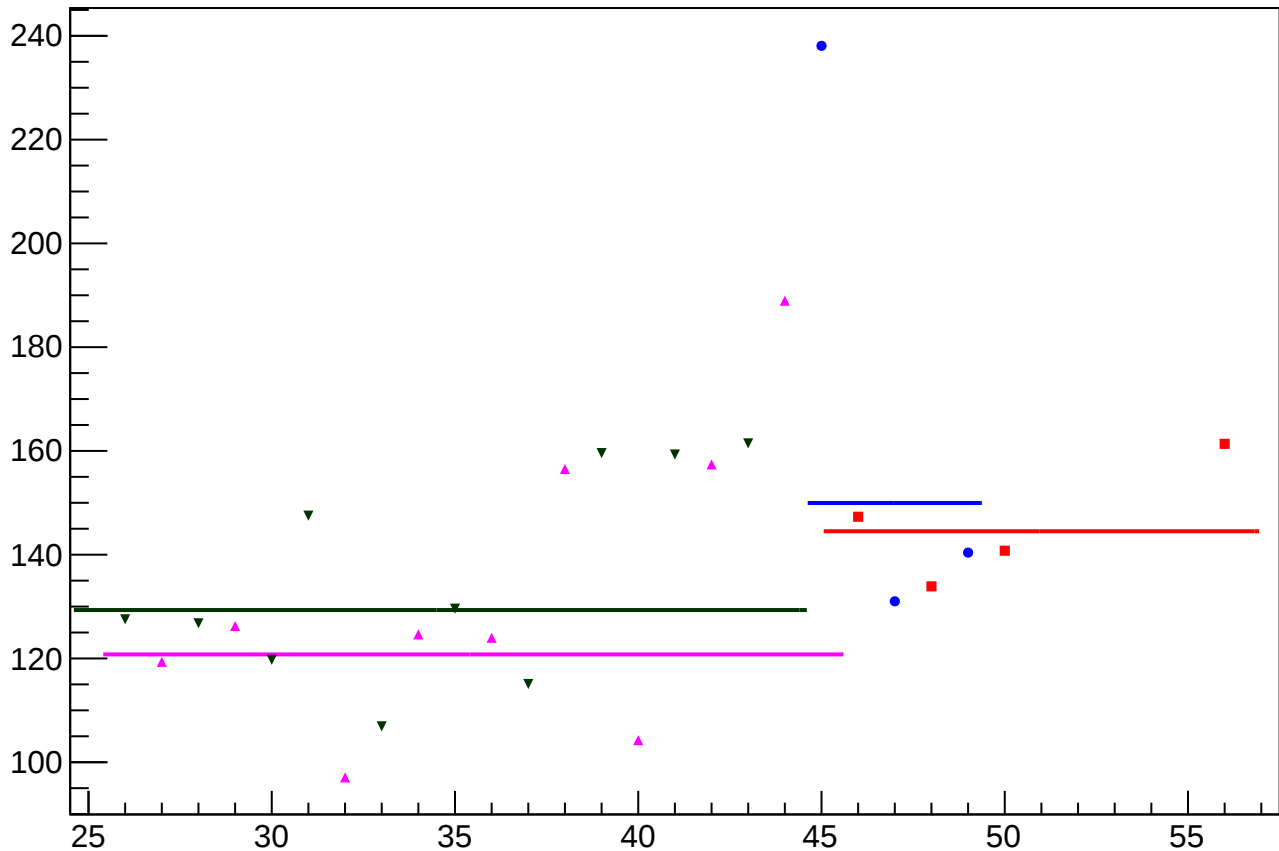
Right Out: 73.035 $\pm$ 108.016 χ^2 /NDF: 3.7/3

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

56.626 $\pm$ 51.273 χ^2 /NDF: 7.9/12

6.337 $\pm$ 47.029 χ^2 /NDF: 5.4/12

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

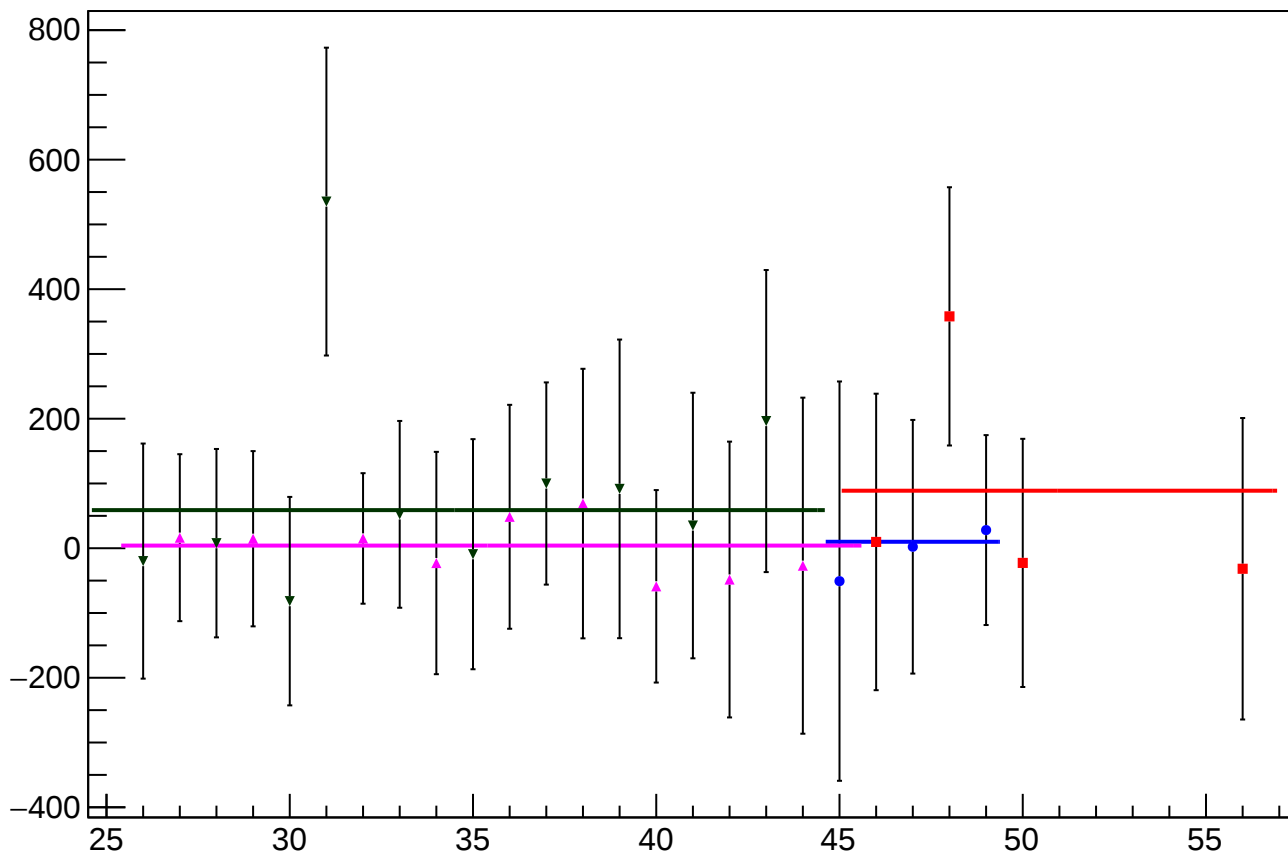
Right Out: 144.514+/-0.076 χ^2/NDF : 16501.0/3

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

133.614+/-0.036 χ^2/NDF : 424328.5/12

125.279+/-0.033 χ^2/NDF : 471175.8/12

asym_bcm_an_us_mean vs slug



Right In: 9.975 $\pm$ 109.693 χ^2/NDF : 0.1/2

Left Out: 58.851 $\pm$ 56.282 χ^2/NDF : 5.7/9

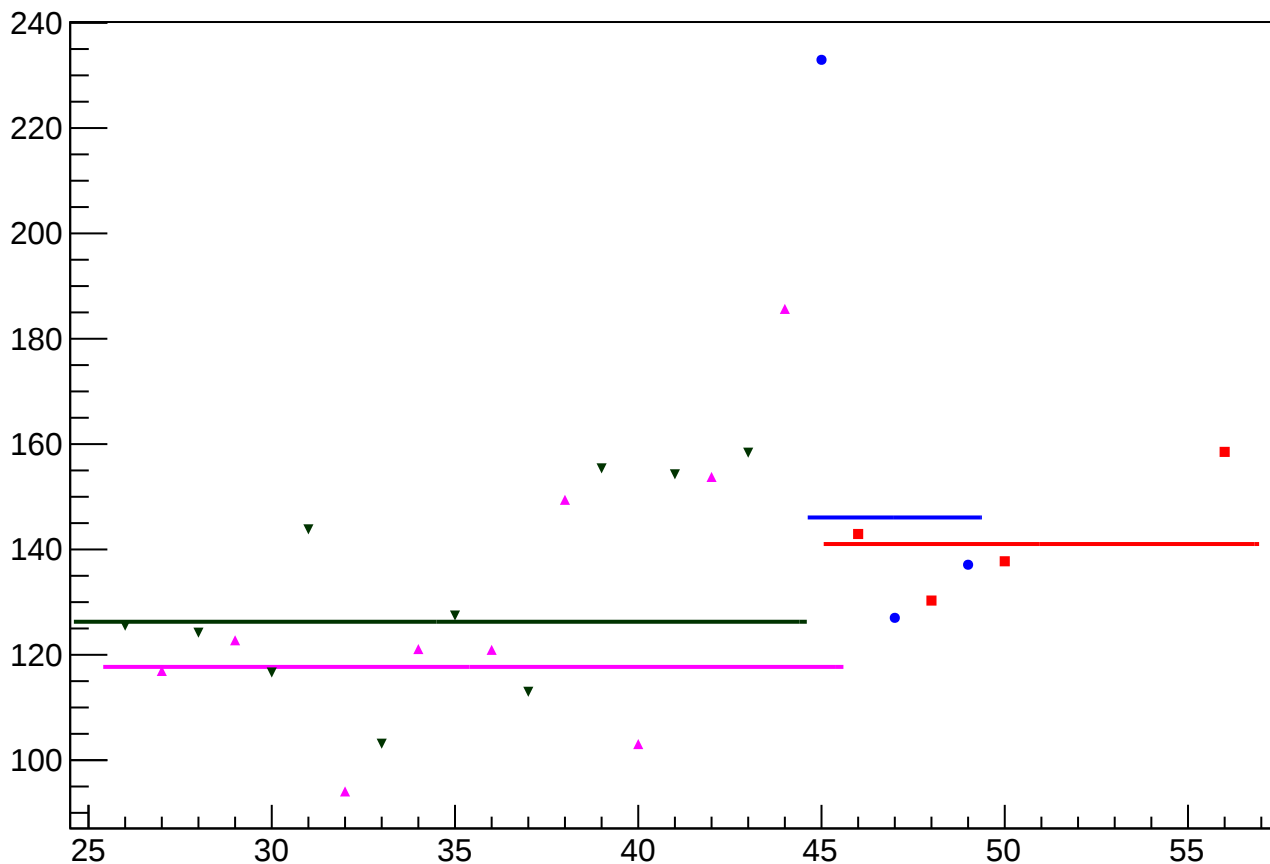
Right Out: 88.821 $\pm$ 105.448 χ^2/NDF : 2.5/3

Left In: 4.097 $\pm$ 50.903 χ^2/NDF : 0.5/8

48.665 $\pm$ 50.075 χ^2/NDF : 5.9/12

20.109 $\pm$ 45.841 χ^2/NDF : 3.5/12

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

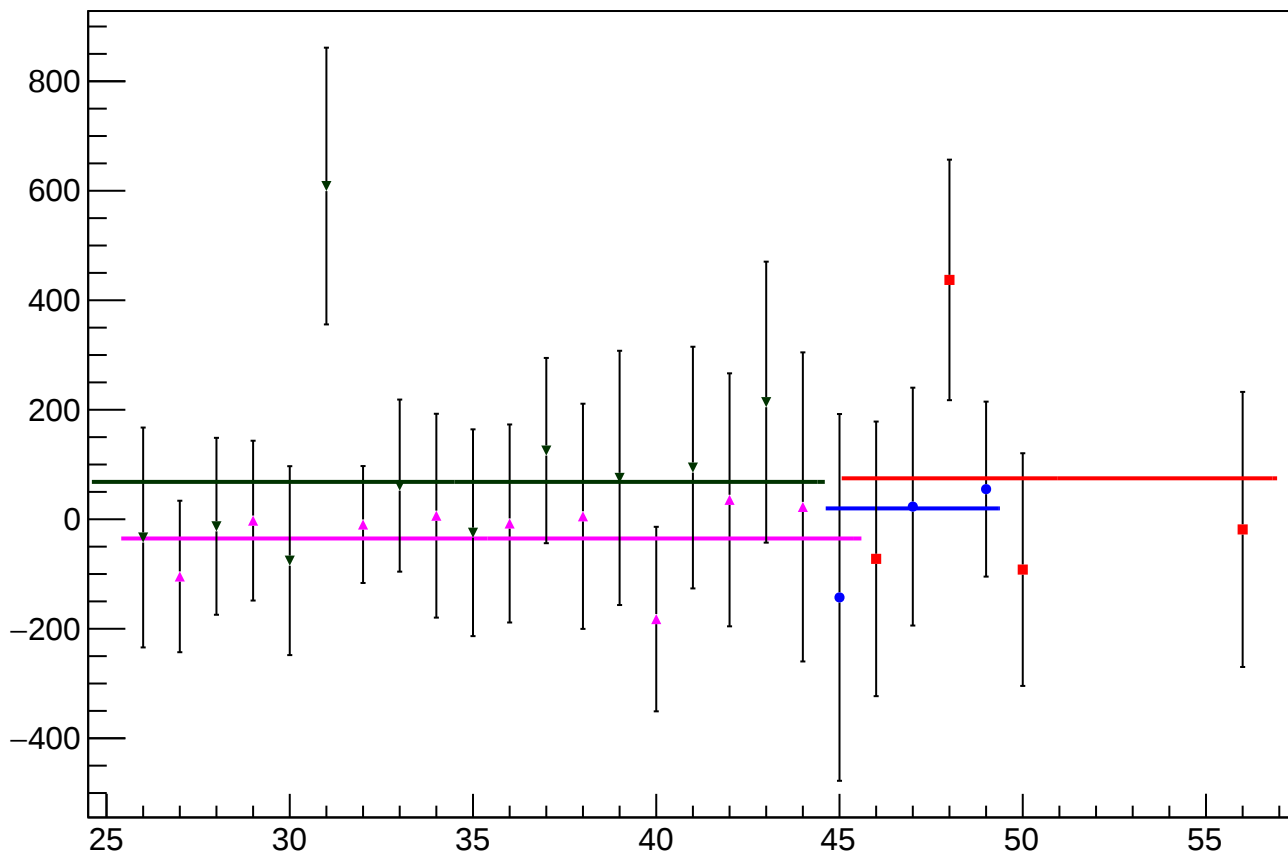
Right Out: 141.032+/-0.075 χ^2/NDF : 17811.5/3

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

130.402+/-0.035 χ^2/NDF : 428472.7/12

122.114+/-0.032 χ^2/NDF : 472061.6/12

asym_bcm_dg_us_mean vs slug



Right In: 19.835 $\pm$ 120.150 χ^2 /NDF: 0.3/2

Left Out: 68.281 $\pm$ 60.848 χ^2 /NDF: 6.5/9

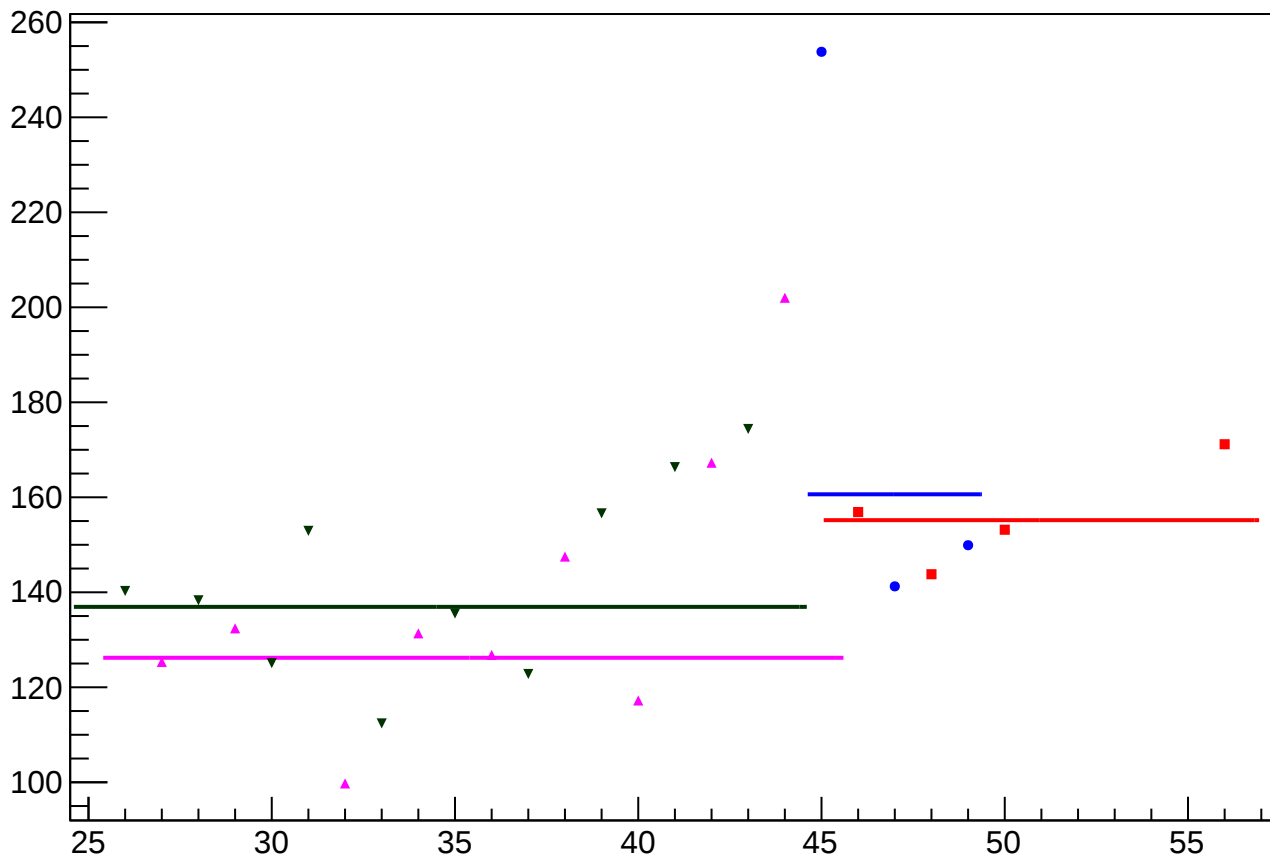
Right Out: 74.798 $\pm$ 115.764 χ^2 /NDF: 3.8/3

Left In: -35.096 $\pm$ 54.517 χ^2 /NDF: 1.4/8

58.392 $\pm$ 54.284 χ^2 /NDF: 6.9/12

-15.148 $\pm$ 49.321 χ^2 /NDF: 5.9/12

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

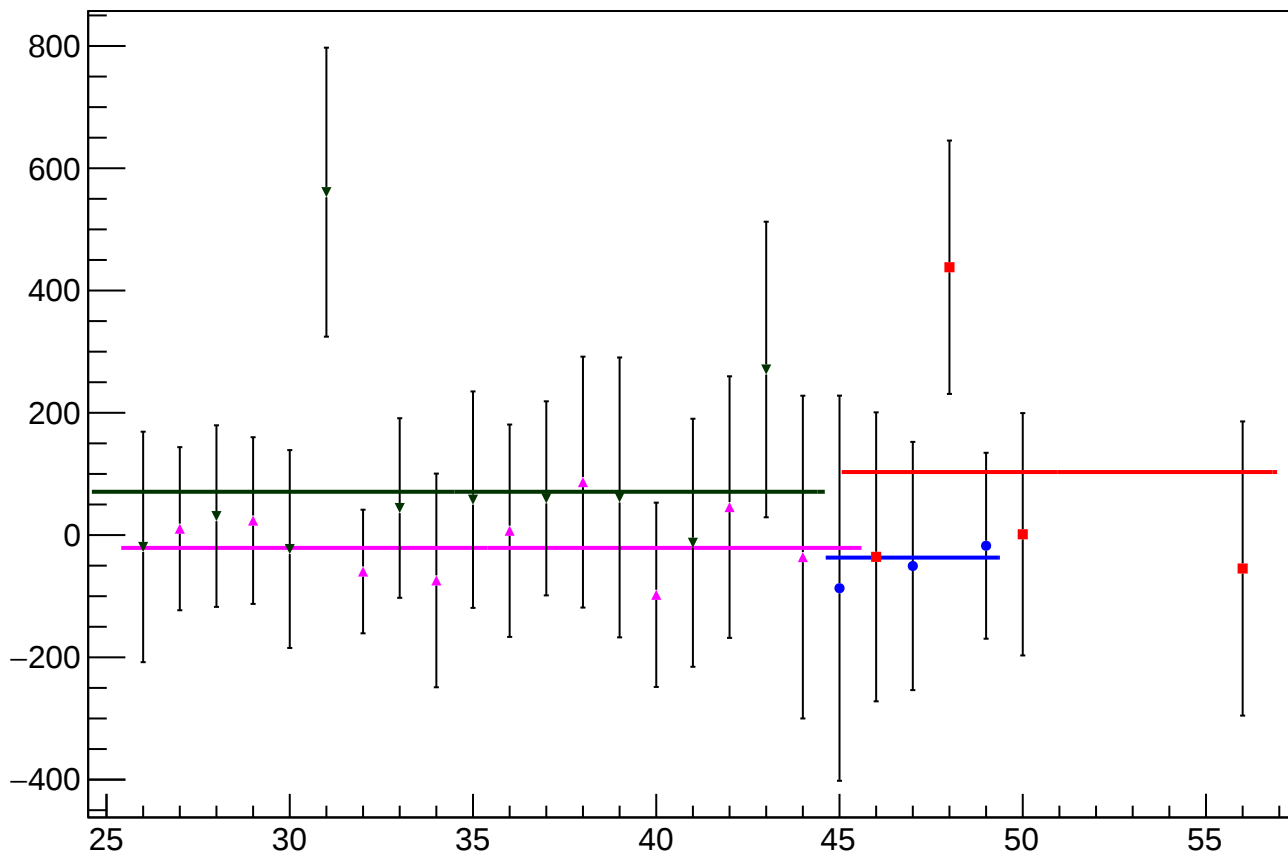
Right Out: 155.184 ± 0.082 χ^2/NDF : 13740.9/3

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

141.769 ± 0.038 χ^2/NDF : 415045.0/12

131.472 ± 0.035 χ^2/NDF : 478813.6/12

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 $\chi^2/\text{NDF}: 5.8/9$

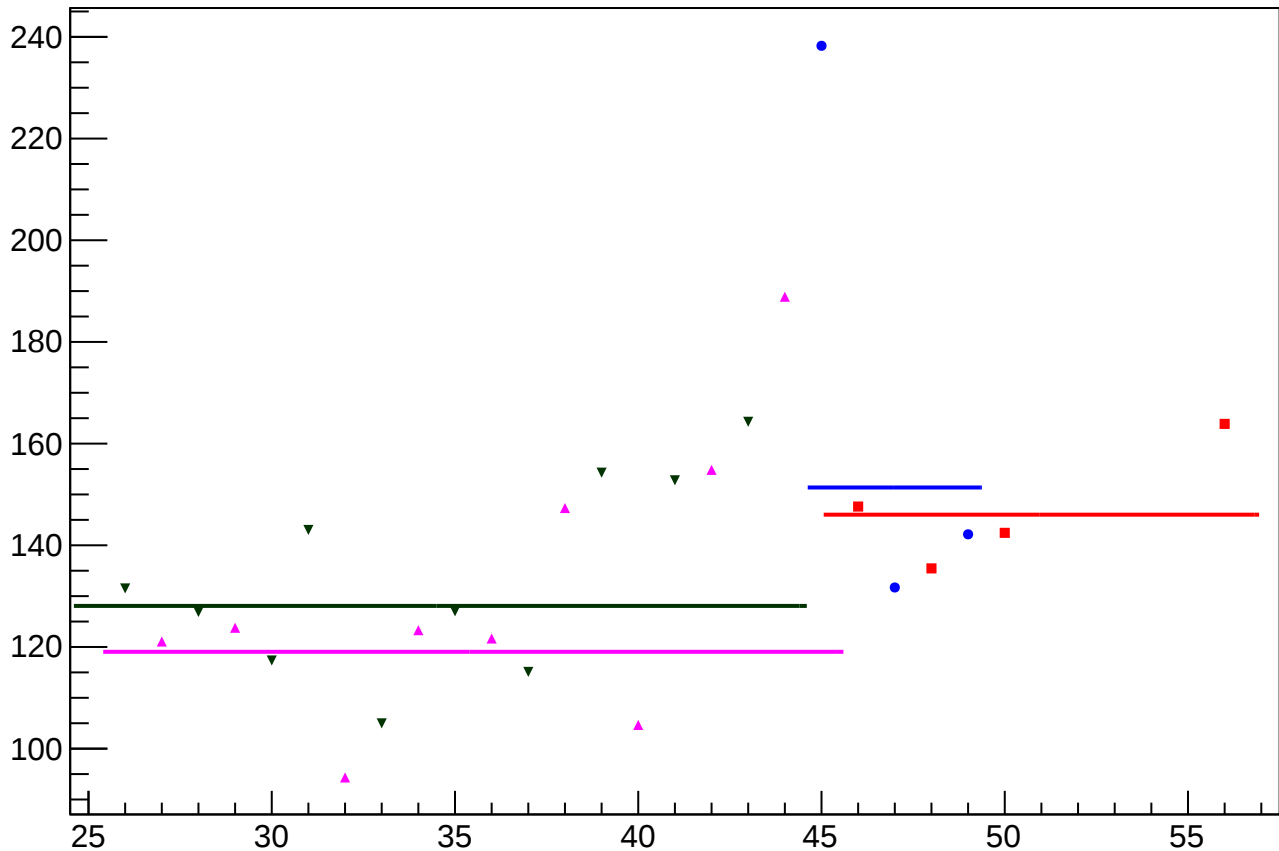
Right Out: 103.101 ± 109.164 $\chi^2/\text{NDF}: 3.7/3$

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

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

1.577 ± 46.544 $\chi^2/\text{NDF}: 5.8/12$

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

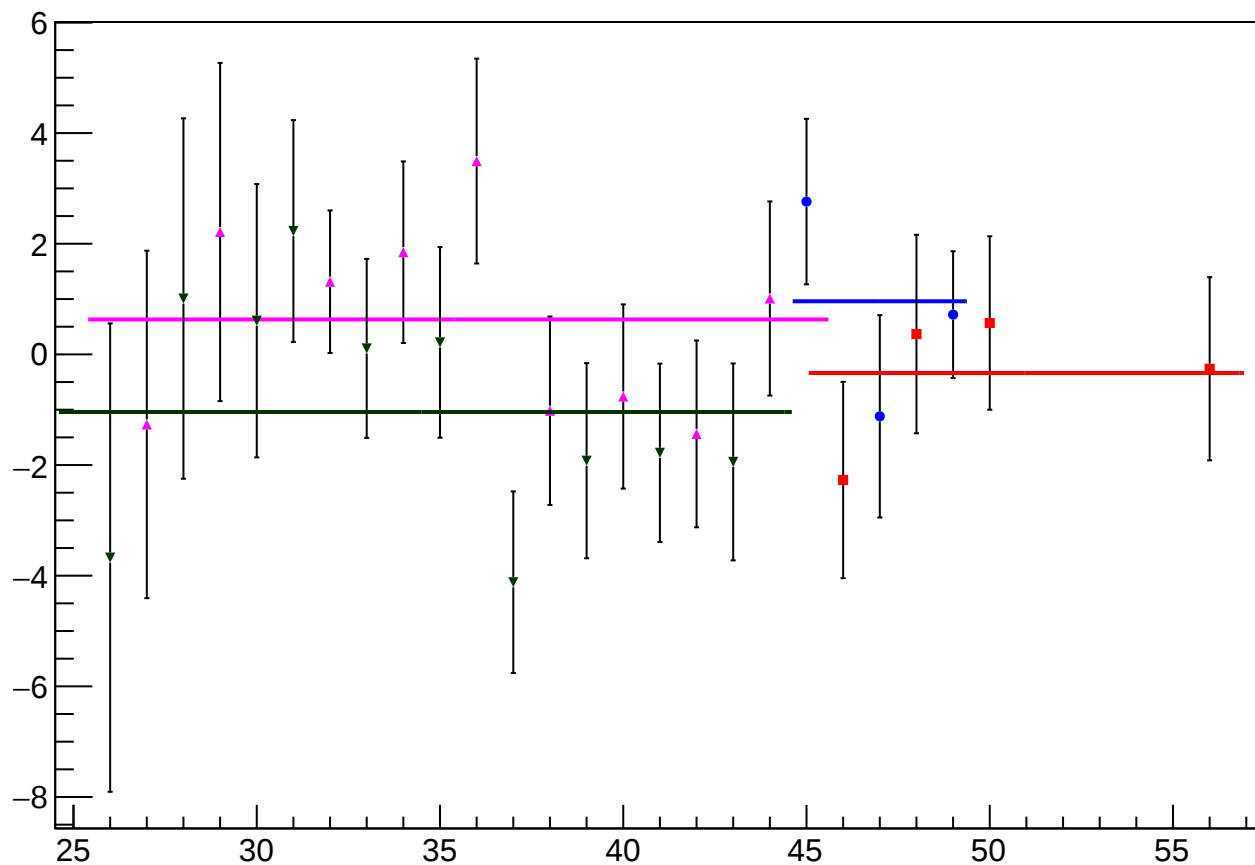
Right Out: 146.022+/-0.077 χ^2/NDF : 16958.6/3

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

132.764+/-0.036 χ^2/NDF : 426750.6/12

123.953+/-0.033 χ^2/NDF : 493035.0/12

asym_cav4bQ_mean vs slug



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

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

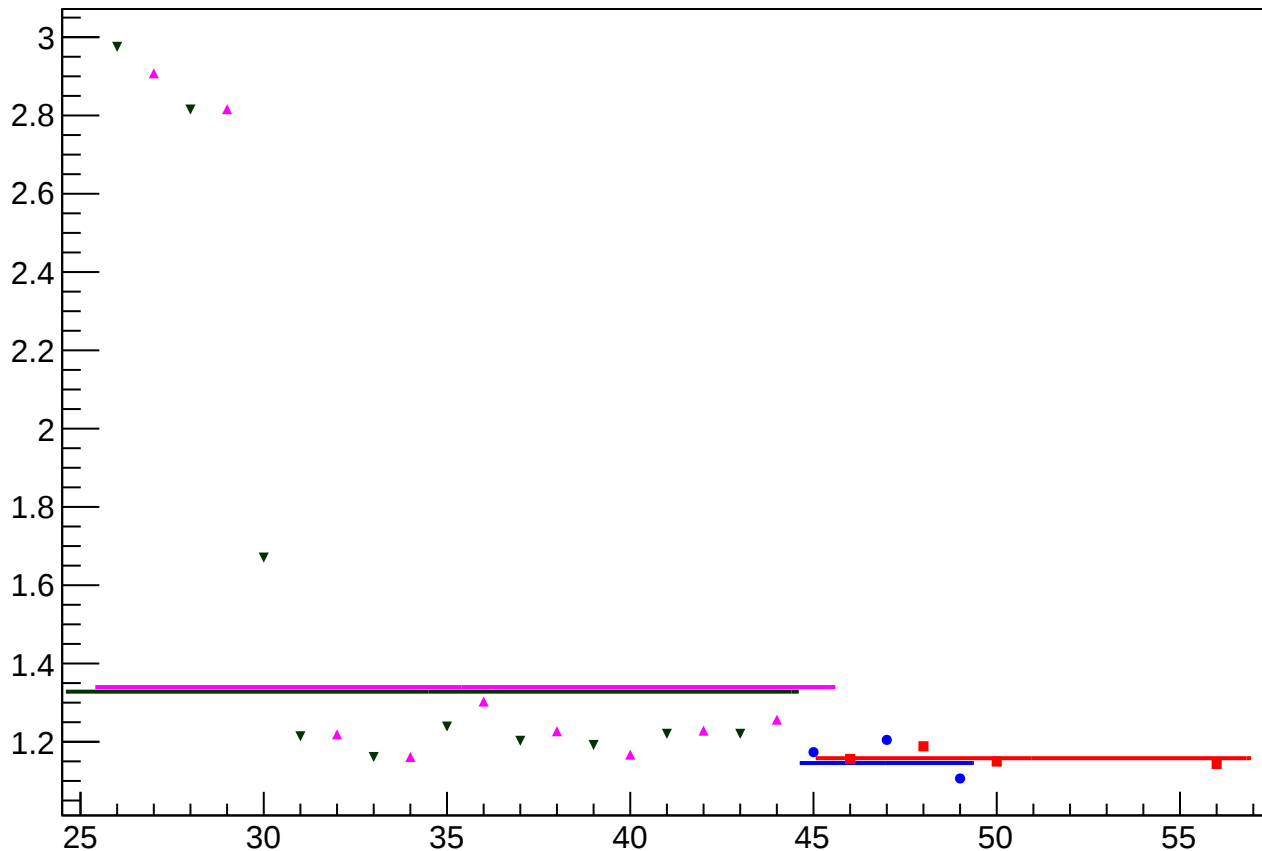
Right Out: -0.337 ± 0.845 $\chi^2/\text{NDF}: 1.7/3$

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

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

0.313 ± 0.485 $\chi^2/\text{NDF}: 9.6/12$

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

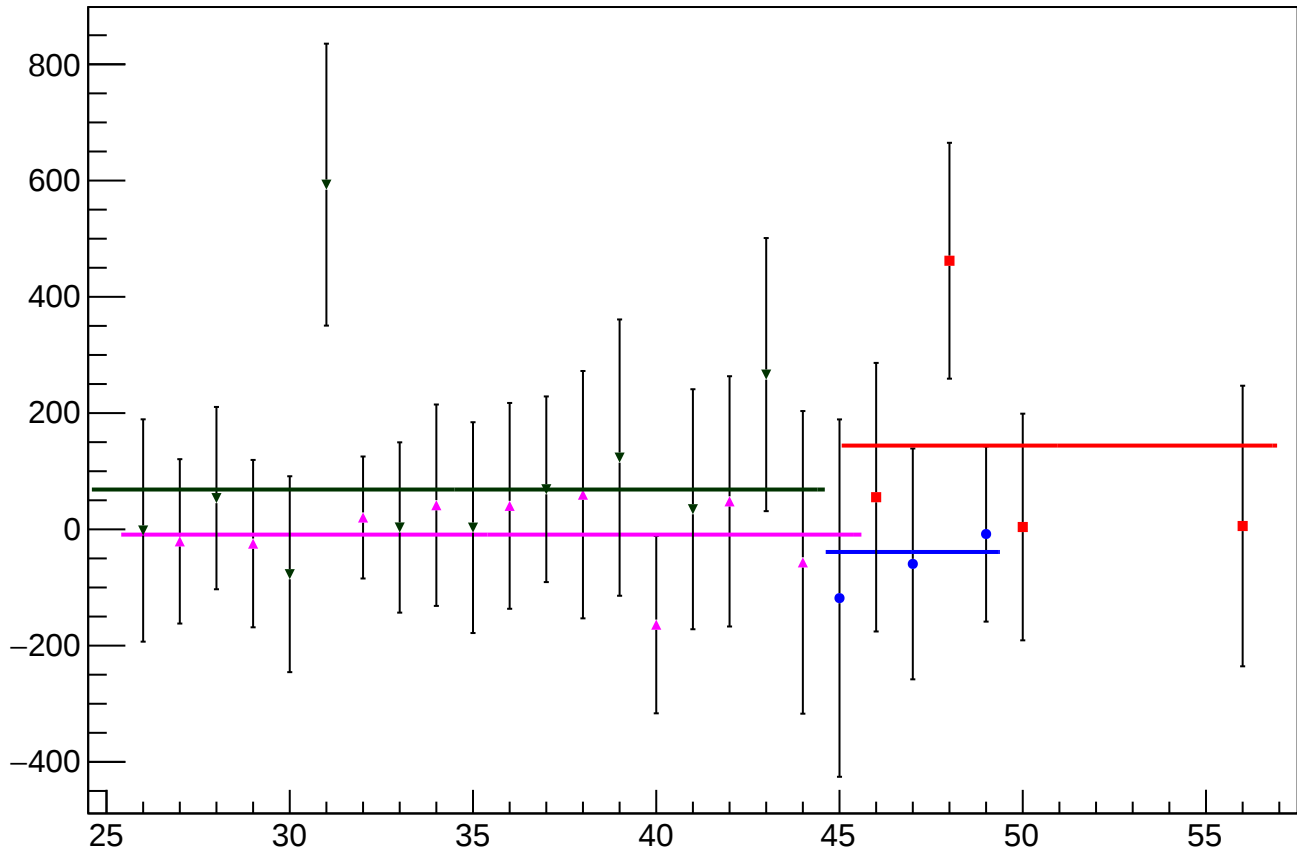
Right Out: 1.158+/-0.001 χ^2/NDF : 795.2/3

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

1.262+/-0.000 χ^2/NDF : 900454.2/12

1.280+/-0.000 χ^2/NDF : 1113755.3/12

asym_cav4cQ_mean vs slug



Right In: -38.901 ± 111.818 $\chi^2/\text{NDF}: 0.1/2$

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

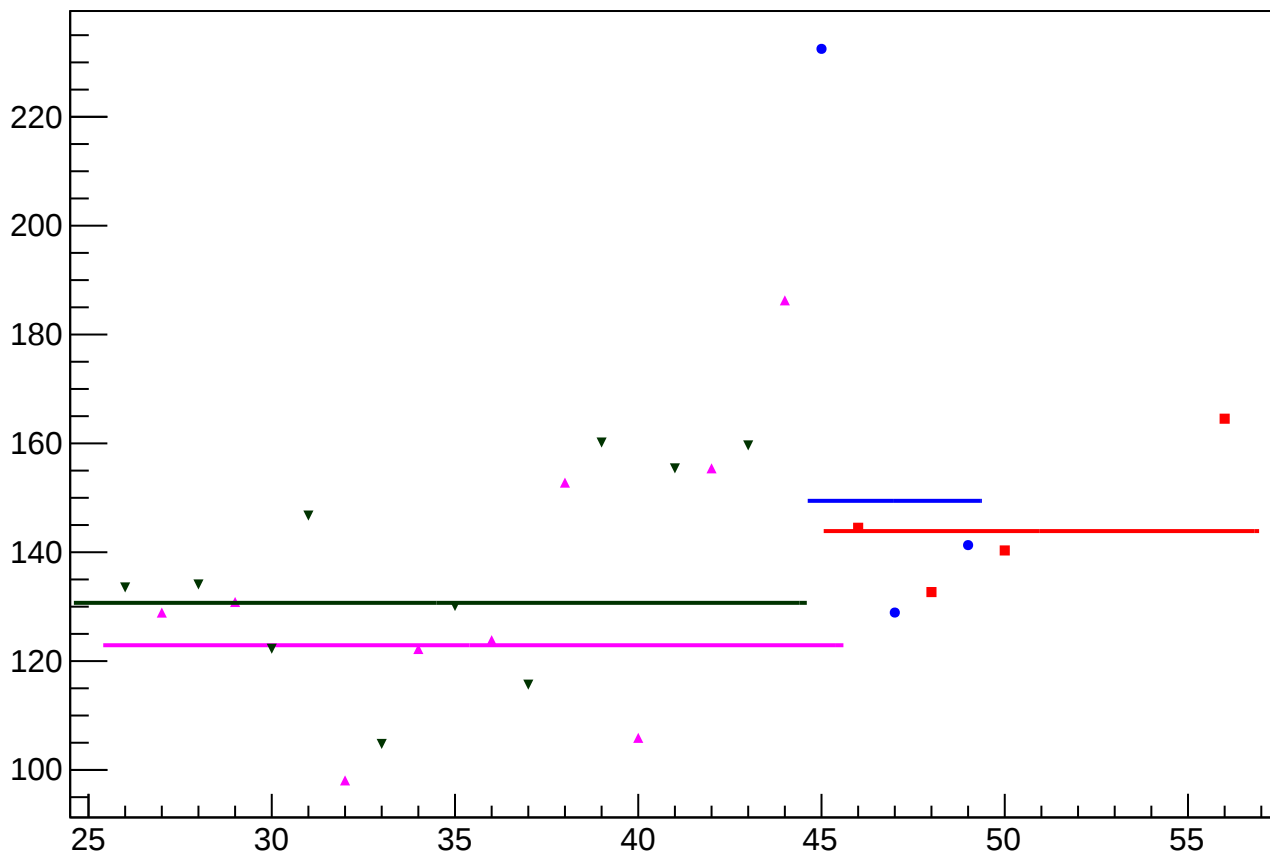
Right Out: 144.116 ± 107.510 $\chi^2/\text{NDF}: 3.4/3$

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

45.658 ± 51.588 $\chi^2/\text{NDF}: 7.5/12$

20.915 ± 47.550 $\chi^2/\text{NDF}: 6.6/12$

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

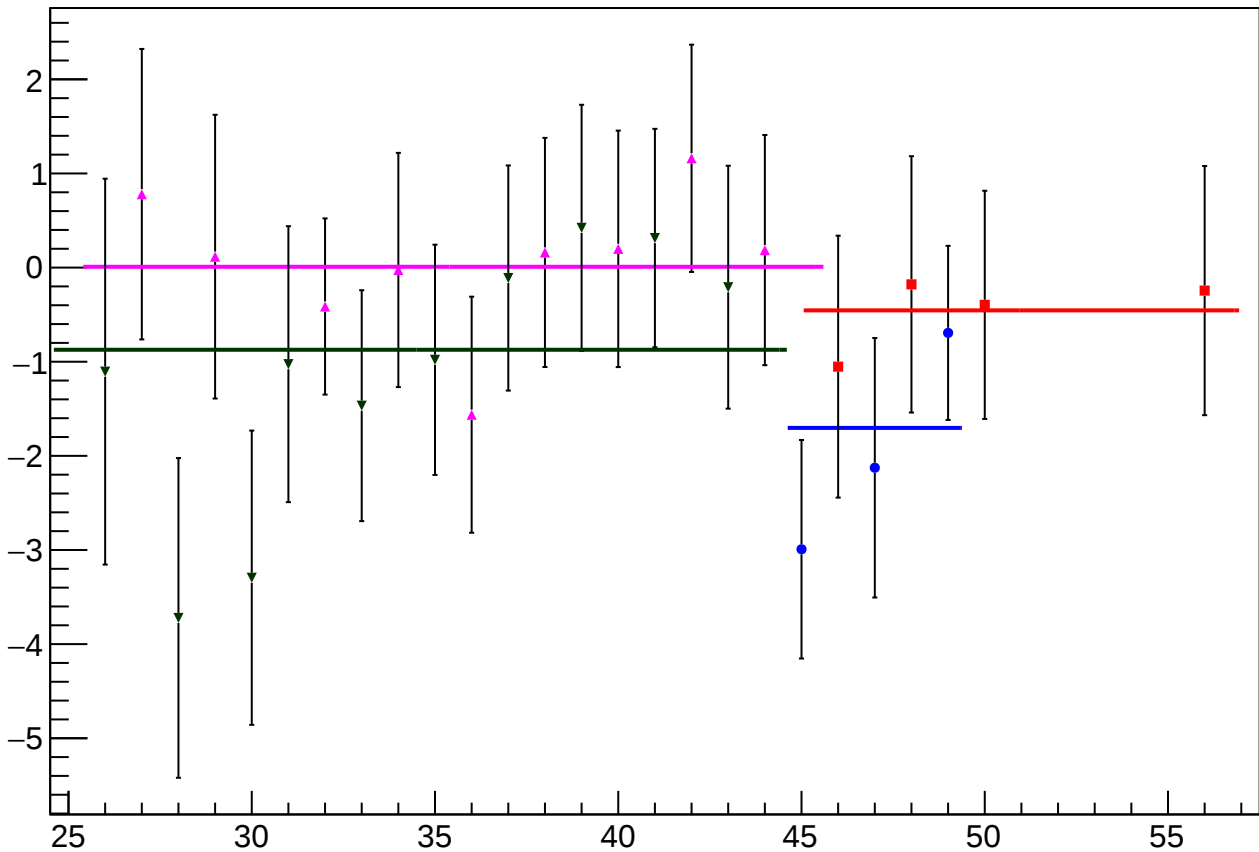
Right Out: 143.888+/-0.076 χ^2/NDF : 21420.2/3

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

134.693+/-0.036 χ^2/NDF : 402591.3/12

127.017+/-0.034 χ^2/NDF : 432932.0/12

asym_cav4dQ_mean vs slug



Right In: -1.703 $\pm$ 0.641 χ^2/NDF : 2.5/2

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

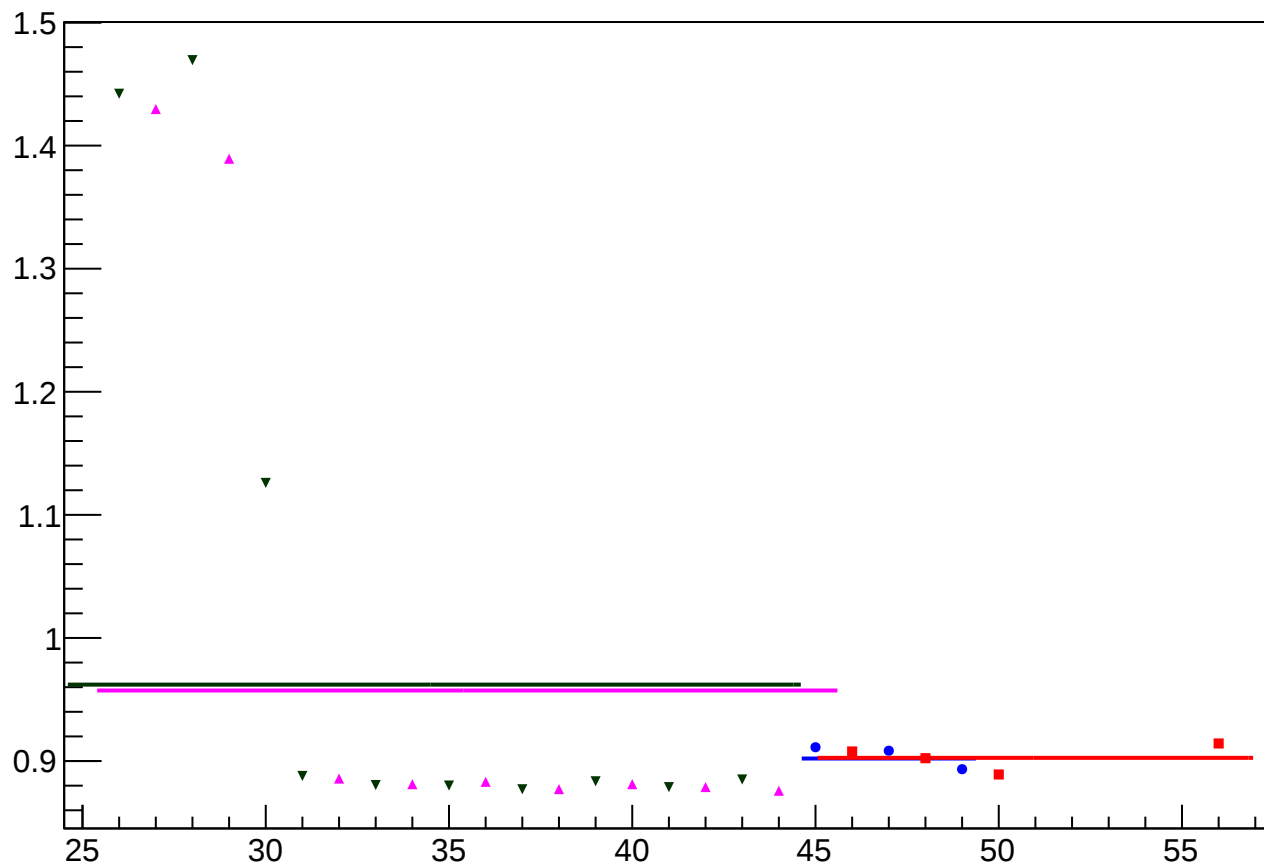
Right Out: -0.455 $\pm$ 0.658 χ^2/NDF : 0.3/3

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

-1.130 $\pm$ 0.357 χ^2/NDF : 11.9/12

-0.121 $\pm$ 0.348 χ^2/NDF : 3.6/12

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

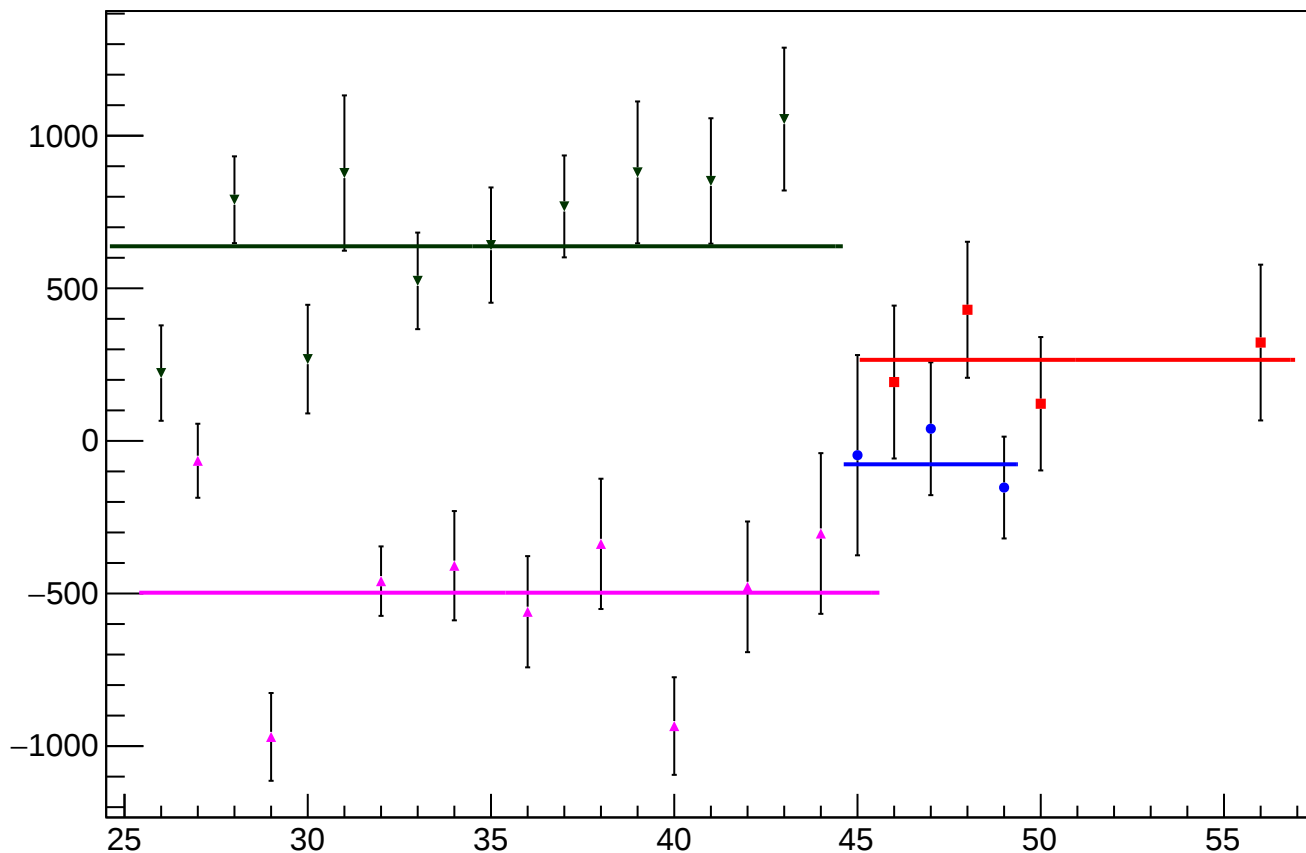
Right Out: 0.903 $\pm$ 0.000 χ^2 /NDF: 432.3/3

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

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

0.942 $\pm$ 0.000 χ^2 /NDF: 421666.7/12

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

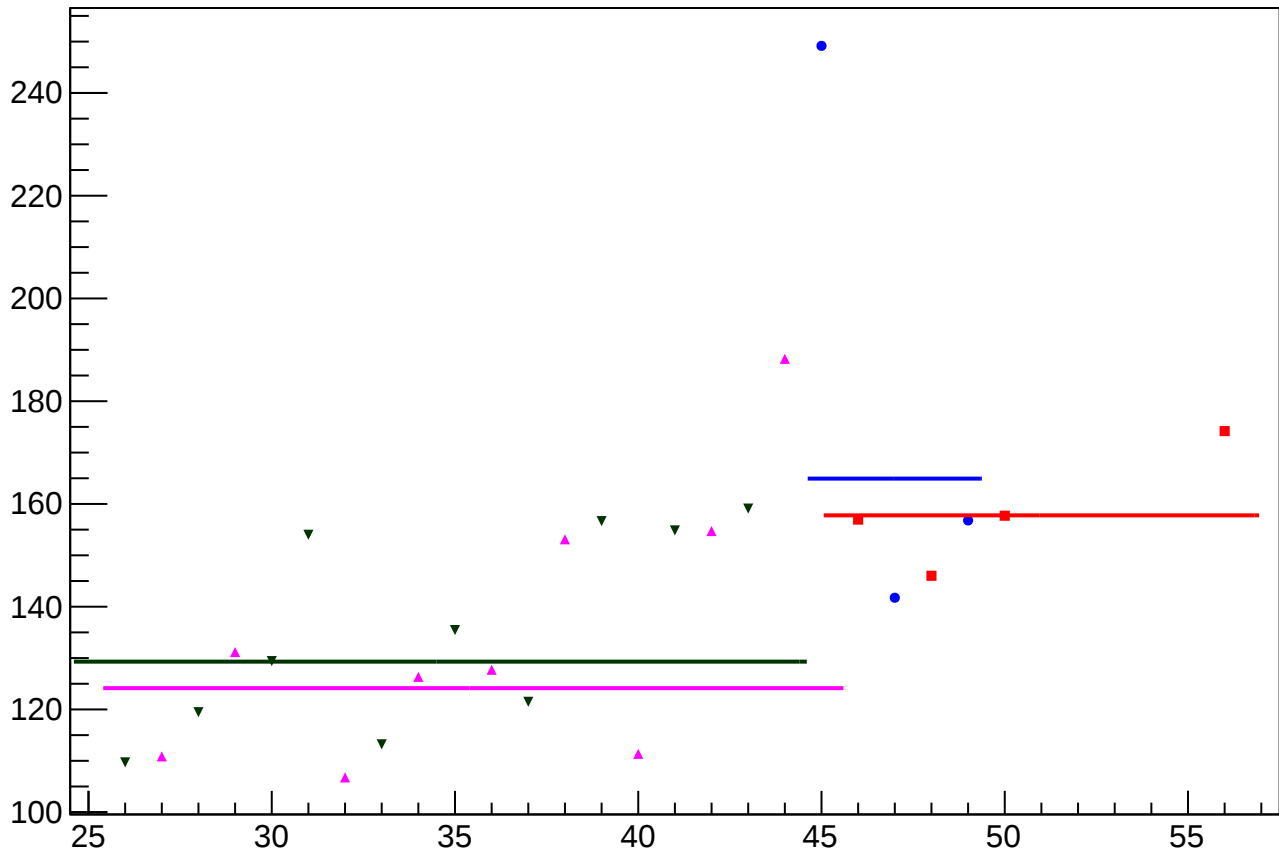
Right Out: 265.626 ± 117.553 χ^2/NDF : 1.1/3

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

508.925 ± 52.124 χ^2/NDF : 48.1/12

-367.315 ± 48.534 χ^2/NDF : 68.6/12

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

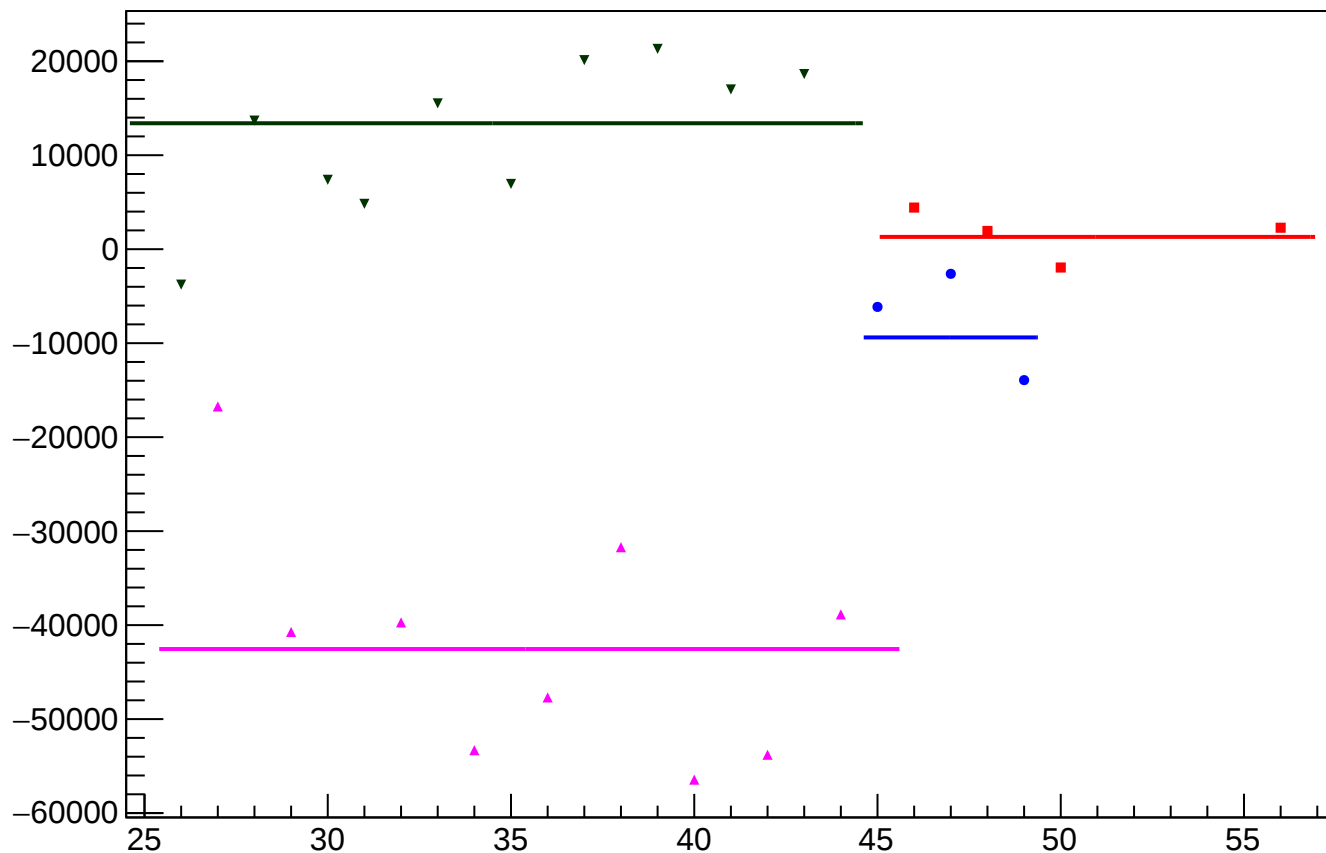
Right Out: 157.784+/-0.083 χ^2/NDF : 13845.0/3

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

135.728+/-0.037 χ^2/NDF : 475487.0/12

129.878+/-0.034 χ^2/NDF : 435202.8/12

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

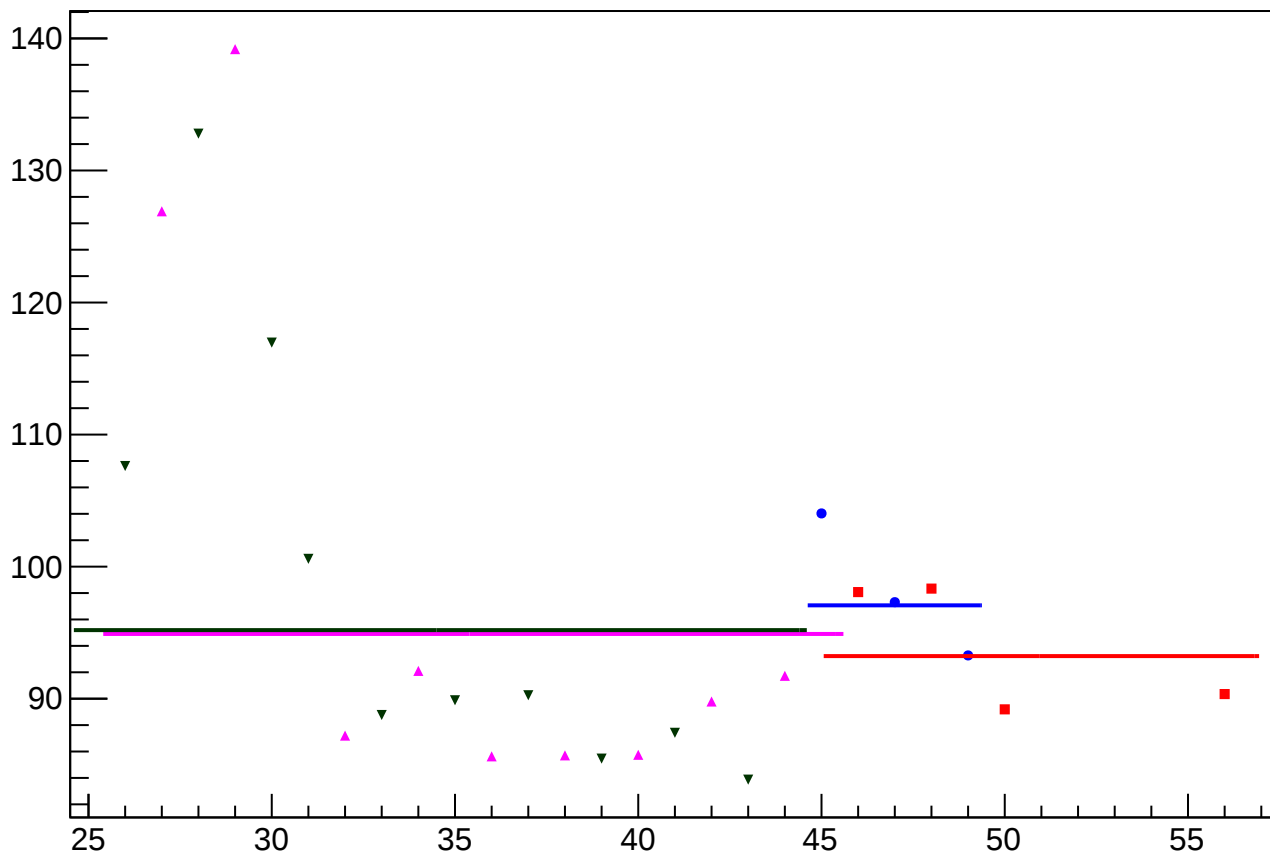
Right Out: 1308.737+/-68.708 χ^2/NDF : 1200.8/3

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

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

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

asym_bpm2i01WS_rms vs slug



Right In: 97.069+/-0.049 χ^2/NDF : 8413.2/2

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

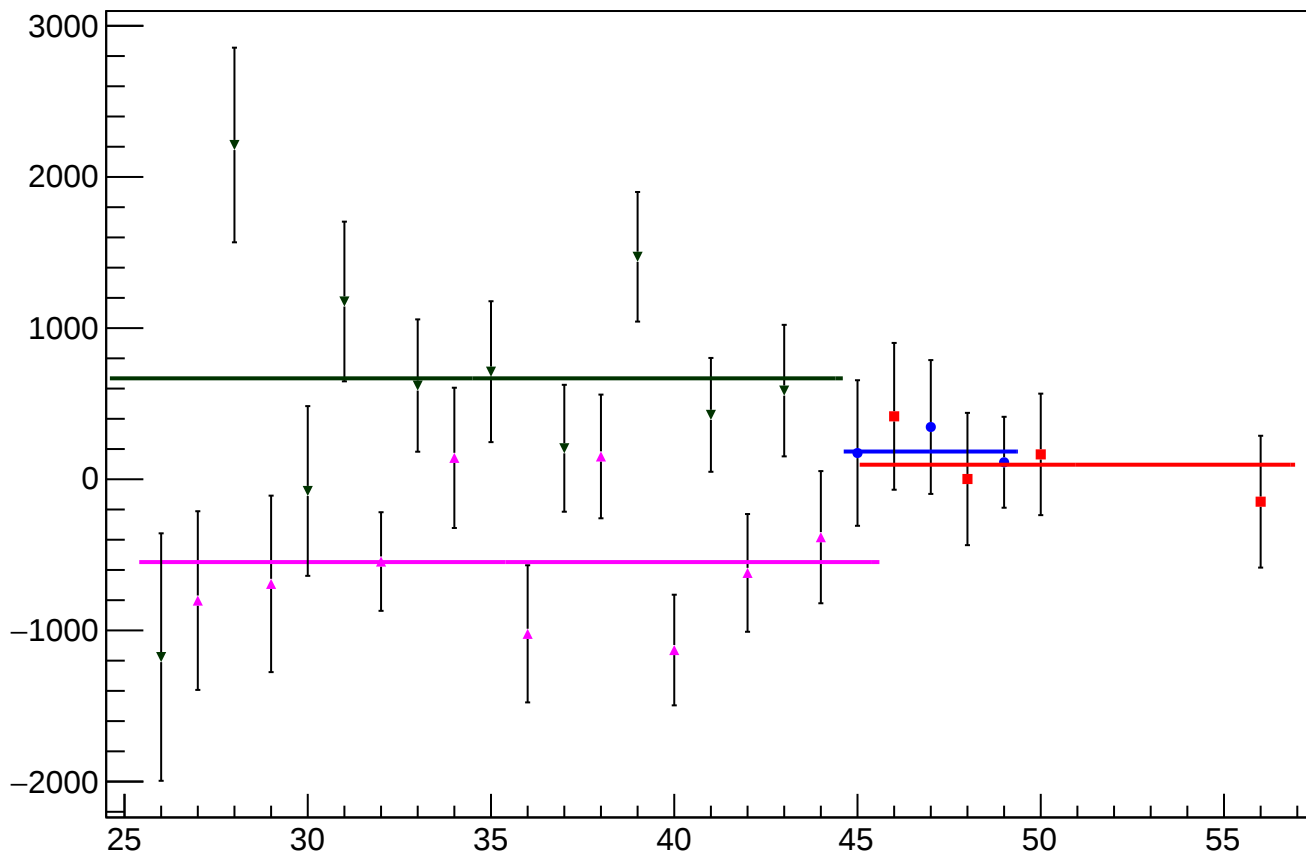
Right Out: 93.226+/-0.049 χ^2/NDF : 7469.0/3

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

95.706+/-0.026 χ^2/NDF : 216046.3/12

94.456+/-0.025 χ^2/NDF : 322619.3/12

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

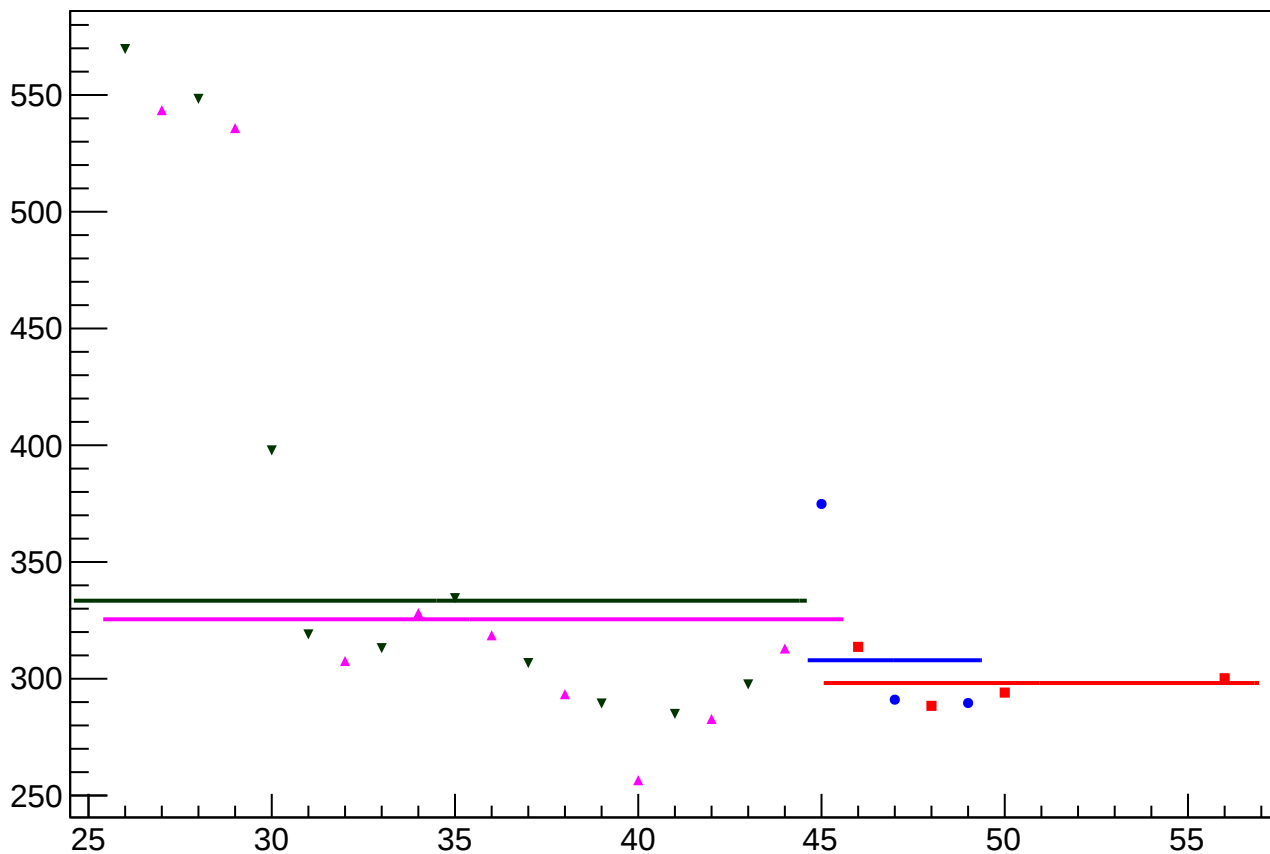
Right Out: 96.299 $\pm$ 218.683 χ^2/NDF : 0.8/3

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

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

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

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

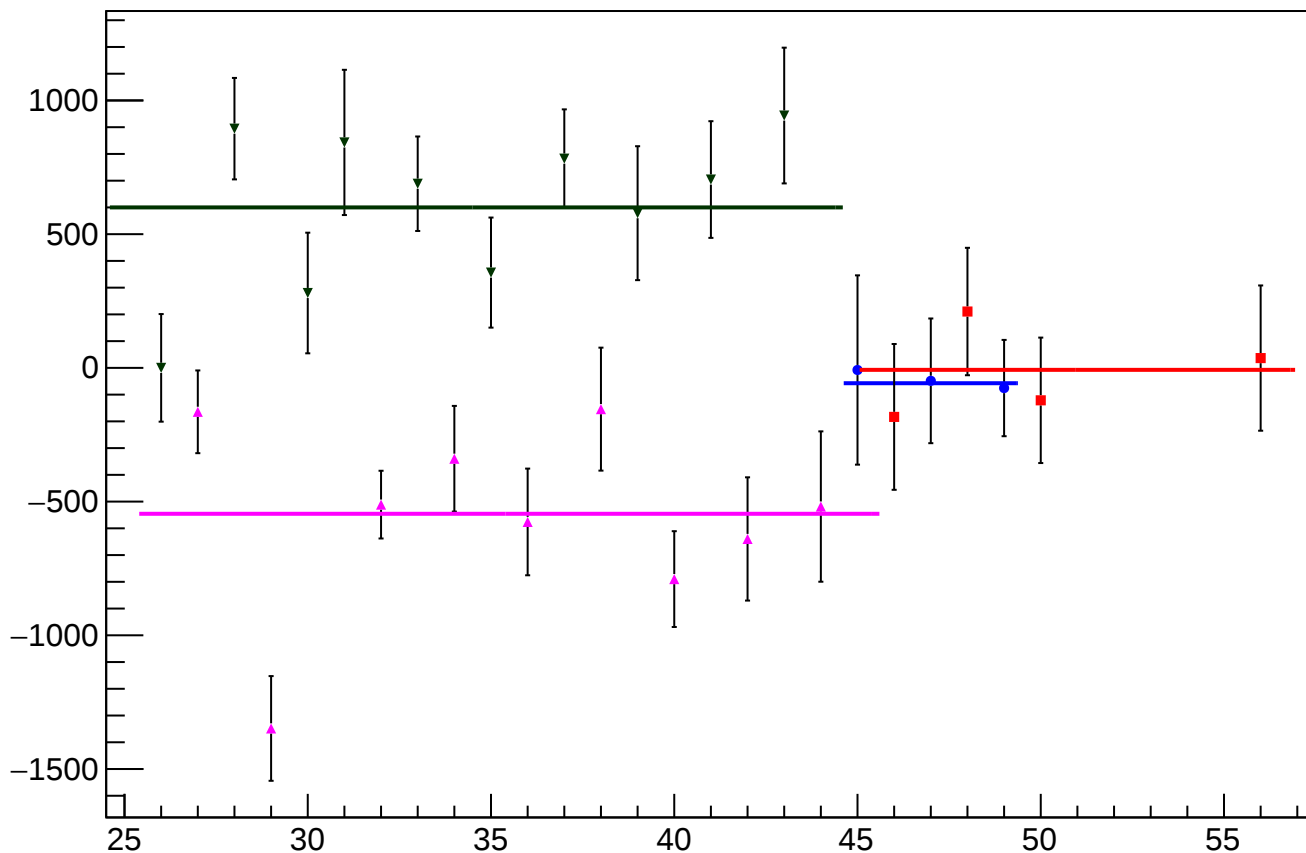
Right Out: 298.170 ± 0.155 χ^2/NDF : 3284.7/3

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

325.322 ± 0.088 χ^2/NDF : 564527.0/12

317.407 ± 0.084 χ^2/NDF : 672465.8/12

asym_bpm0l01WS_mean vs slug



Right In: -57.357 ± 132.197 $\chi^2/\text{NDF}: 0.0/2$

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

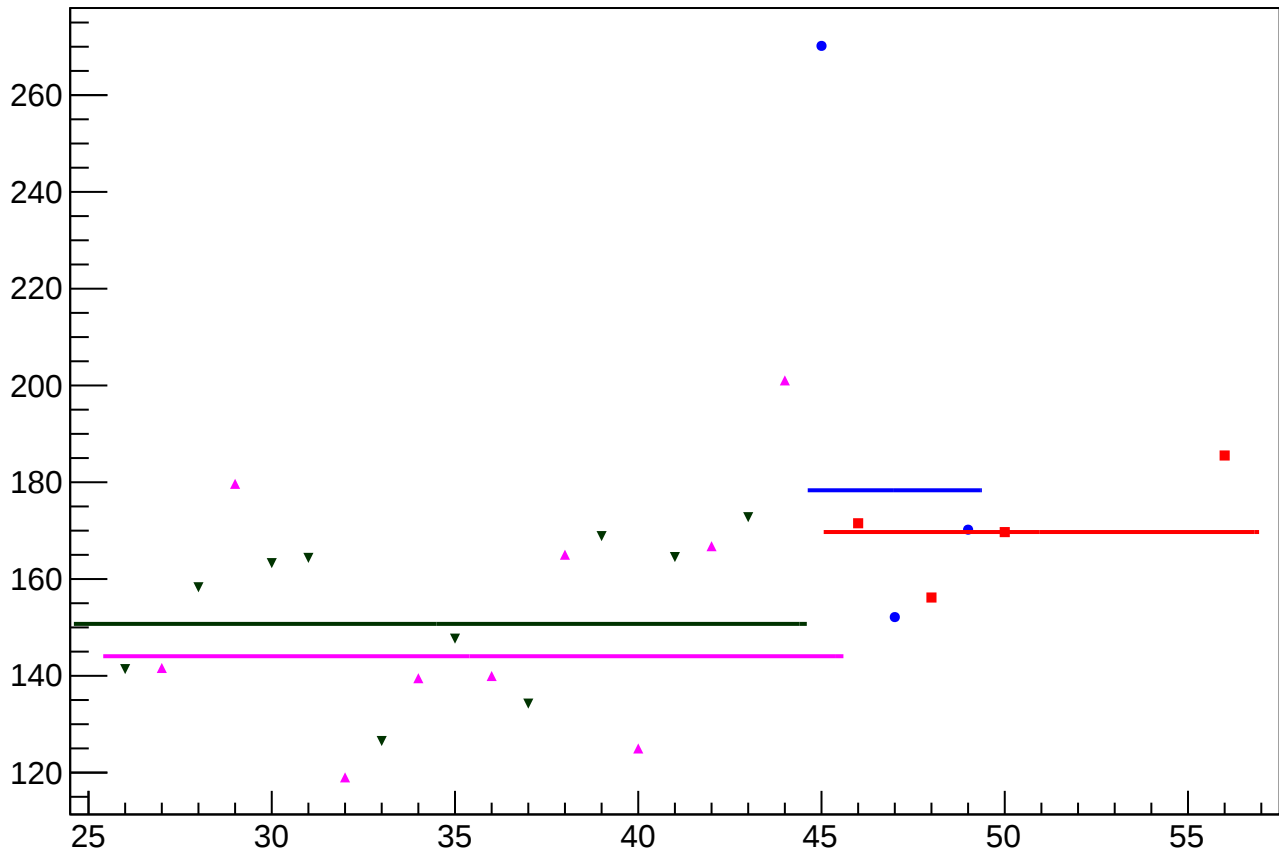
Right Out: -7.370 ± 126.178 $\chi^2/\text{NDF}: 1.5/3$

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

465.947 ± 59.707 $\chi^2/\text{NDF}: 38.5/12$

-441.707 ± 55.438 $\chi^2/\text{NDF}: 45.2/12$

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

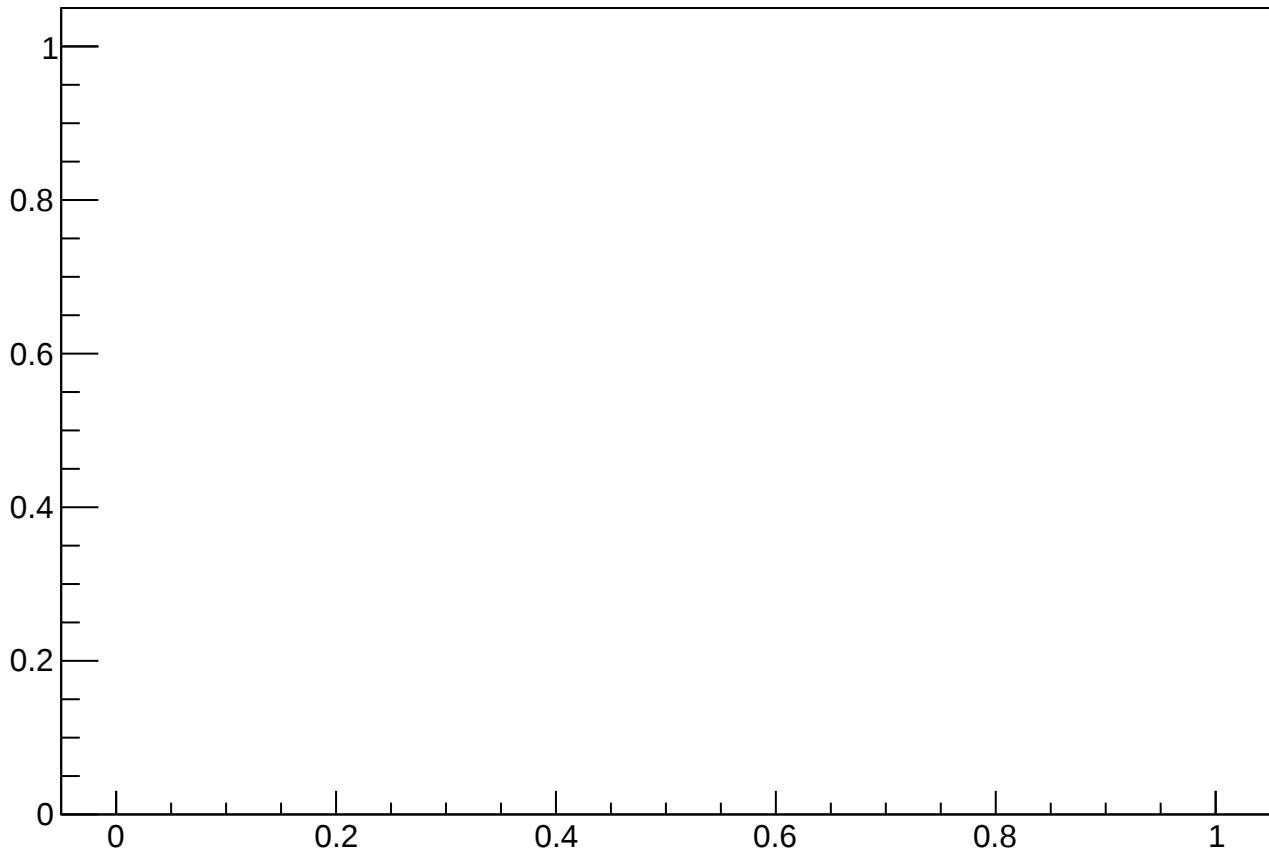
Right Out: 169.716+/-0.089 χ^2/NDF : 13324.4/3

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

156.365+/-0.042 χ^2/NDF : 339730.1/12

149.004+/-0.039 χ^2/NDF : 367883.2/12

bcm_an_us_ds_avg_mean vs slug



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

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

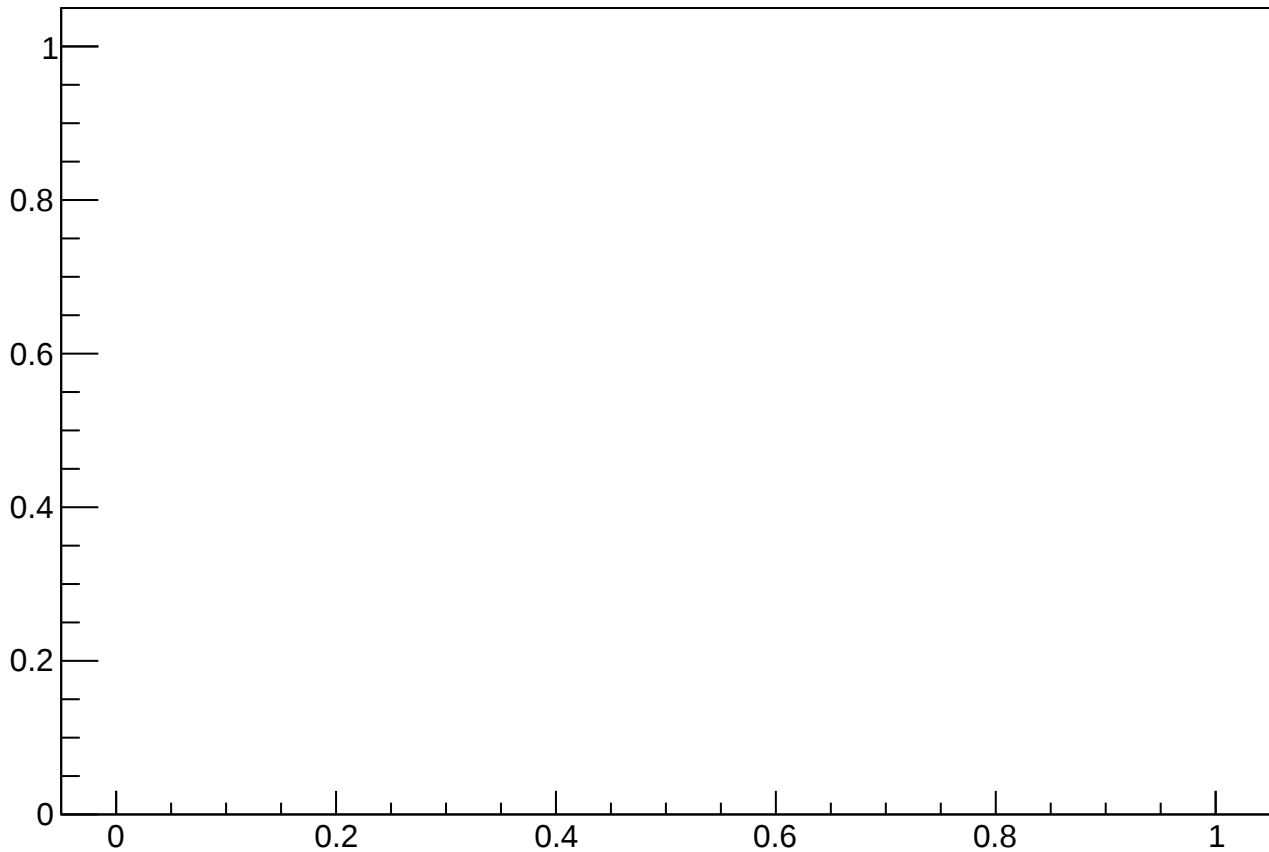
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

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

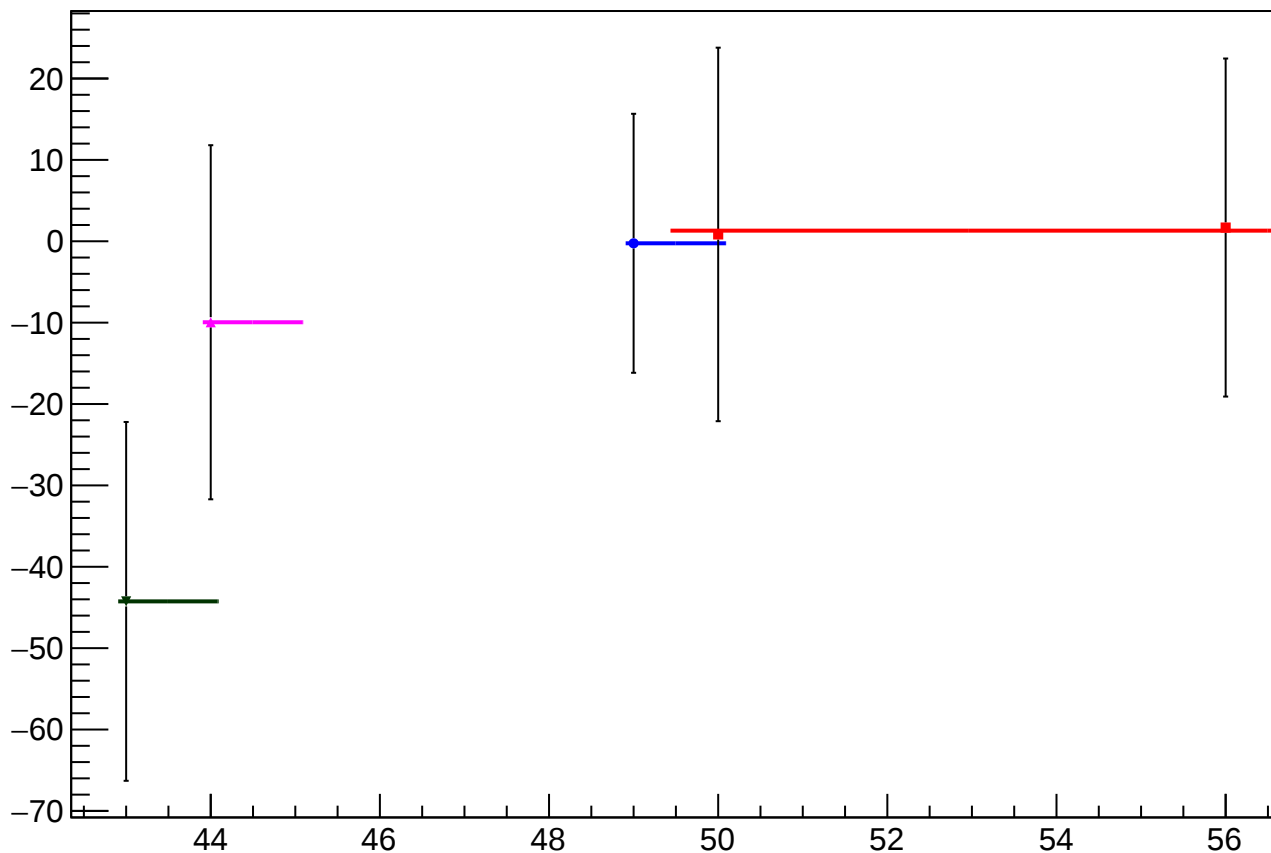
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -0.249 ± 15.913 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -44.252 ± 22.047 $\chi^2/\text{NDF}: 0.0/0$

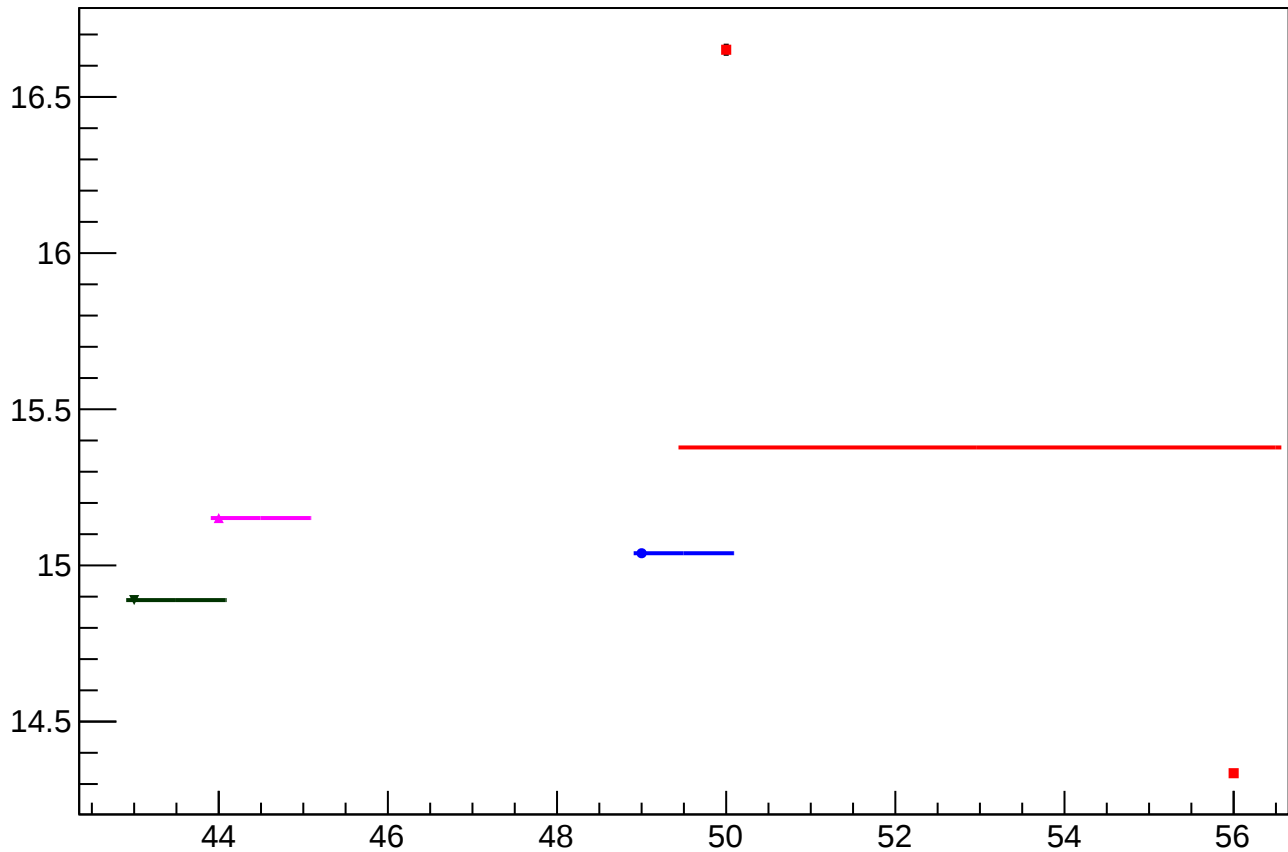
Right Out: 1.305 ± 15.400 $\chi^2/\text{NDF}: 0.0/1$

Left In: -9.952 ± 21.757 $\chi^2/\text{NDF}: 0.0/0$

-15.321 ± 12.903 $\chi^2/\text{NDF}: 2.6/1$

-2.452 ± 12.570 $\chi^2/\text{NDF}: 0.2/2$

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

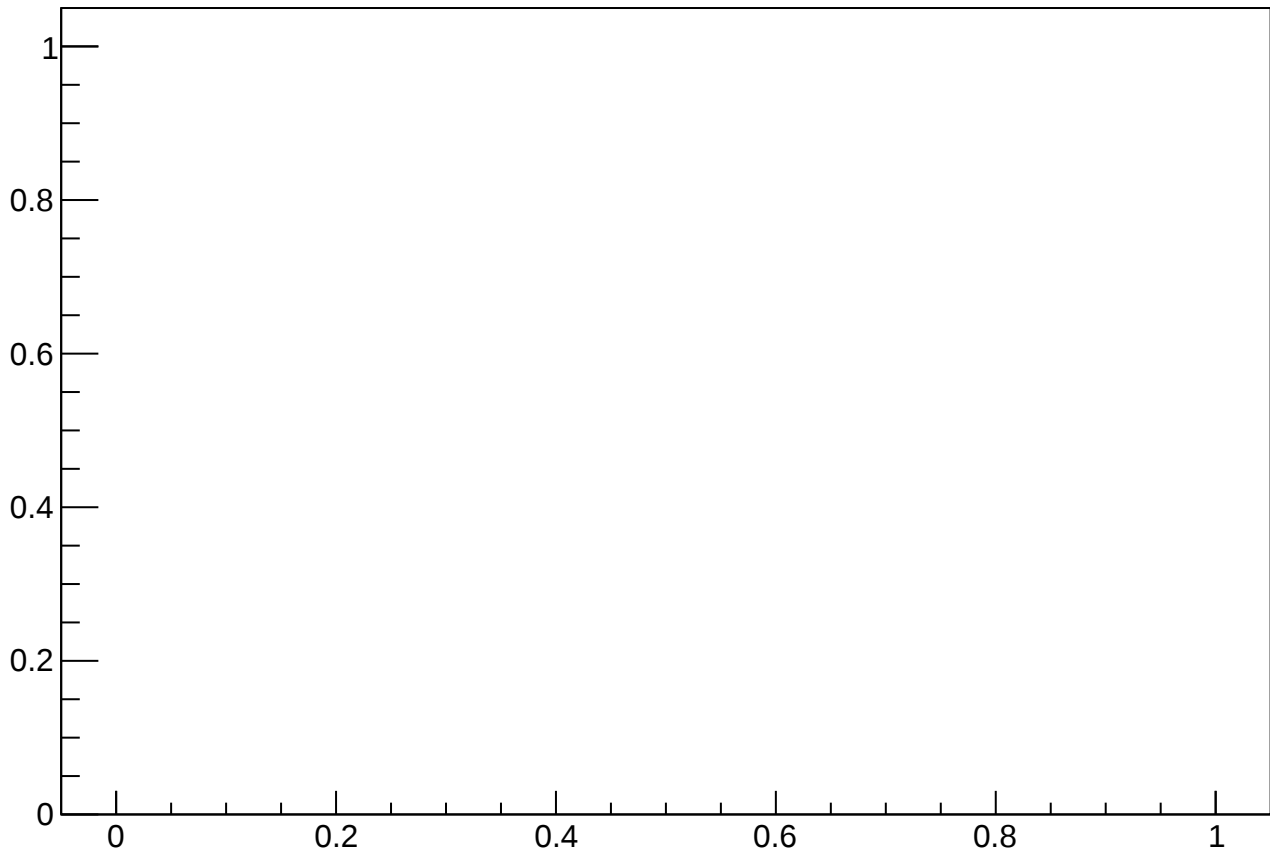
14.988 $\pm$ 0.009 χ^2 /NDF: 60.9/1

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

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

Left In: 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

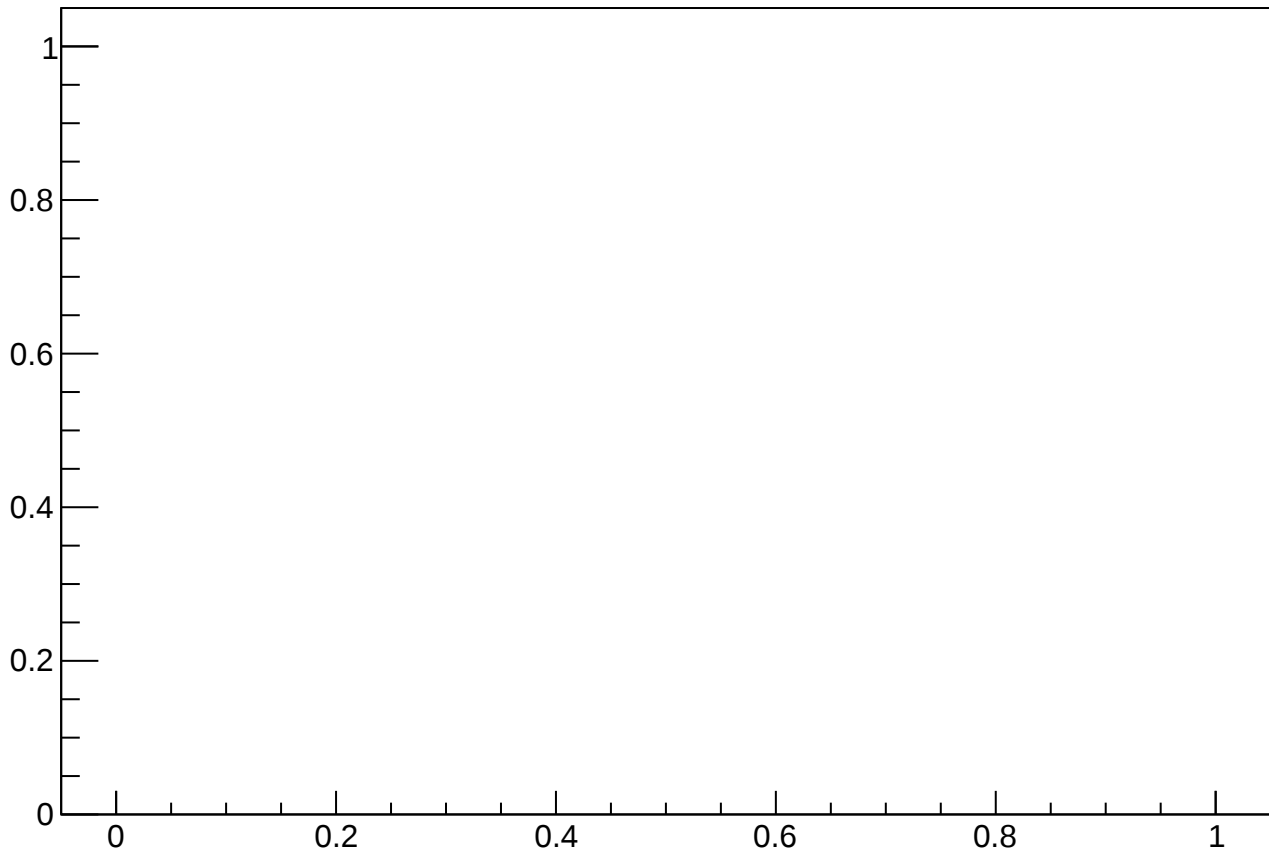
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

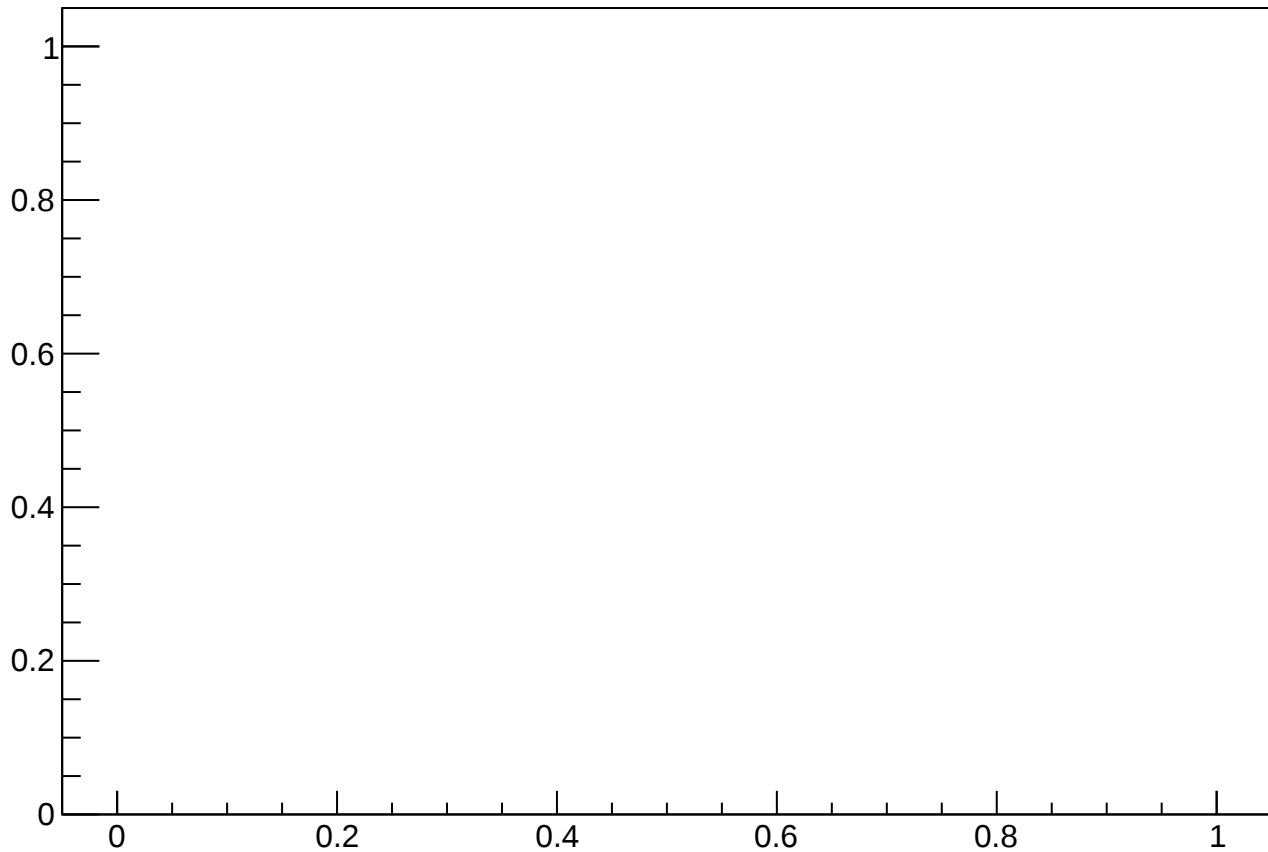
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

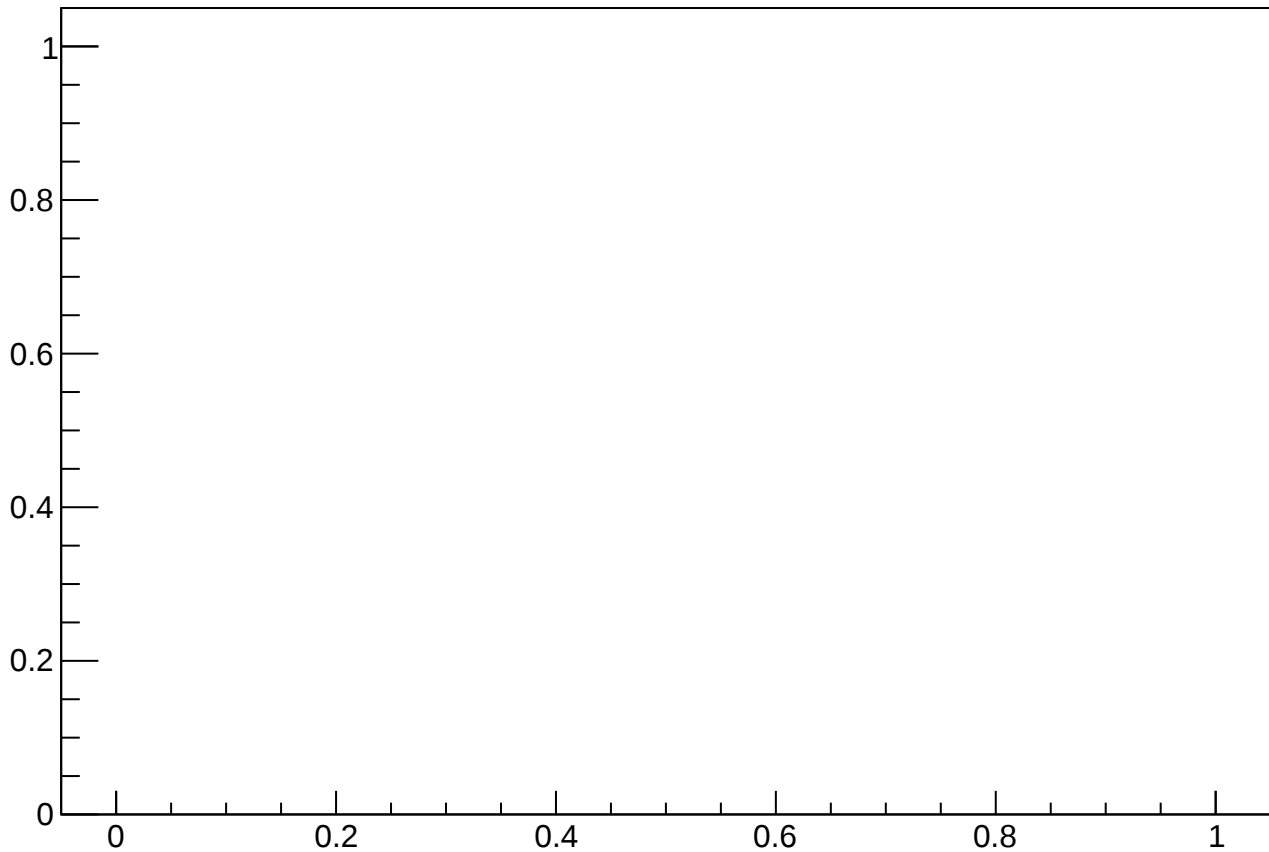
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

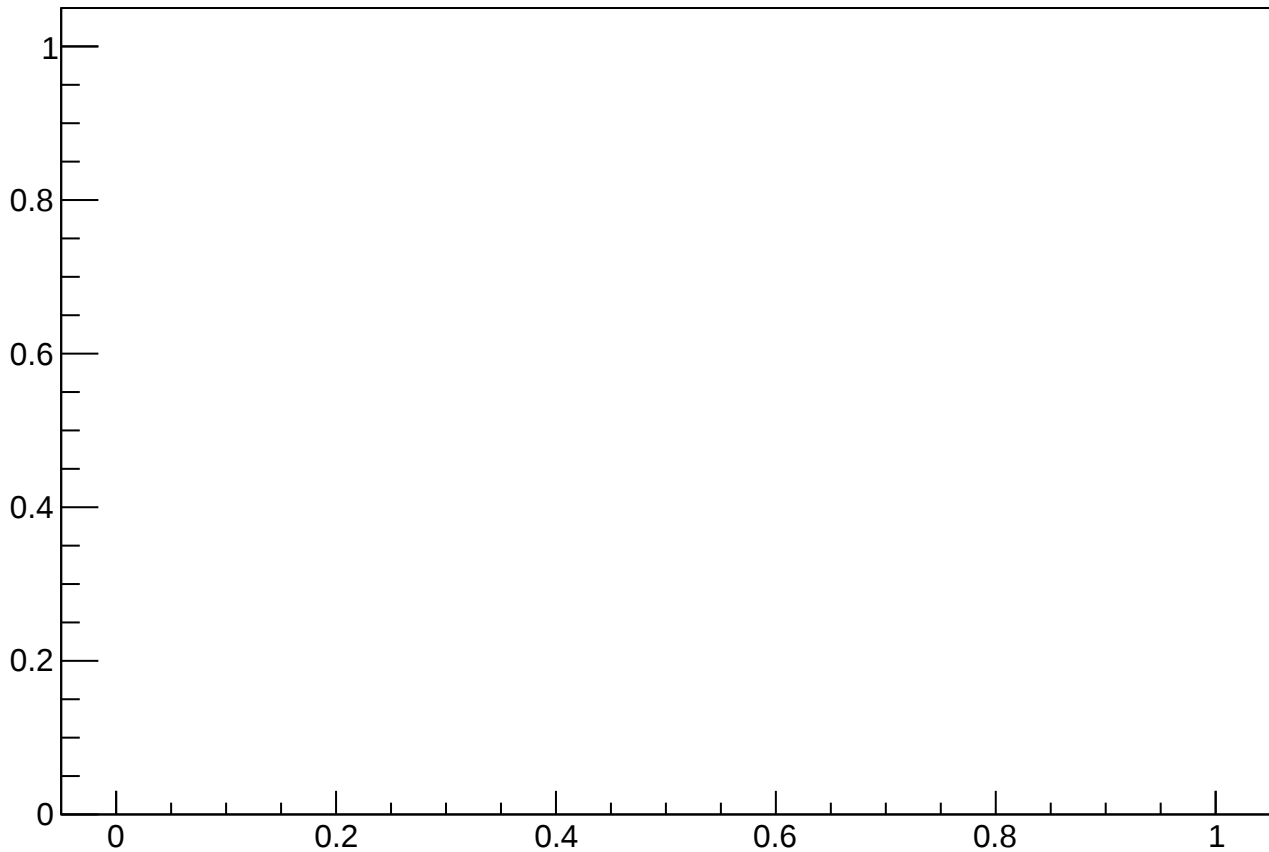
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

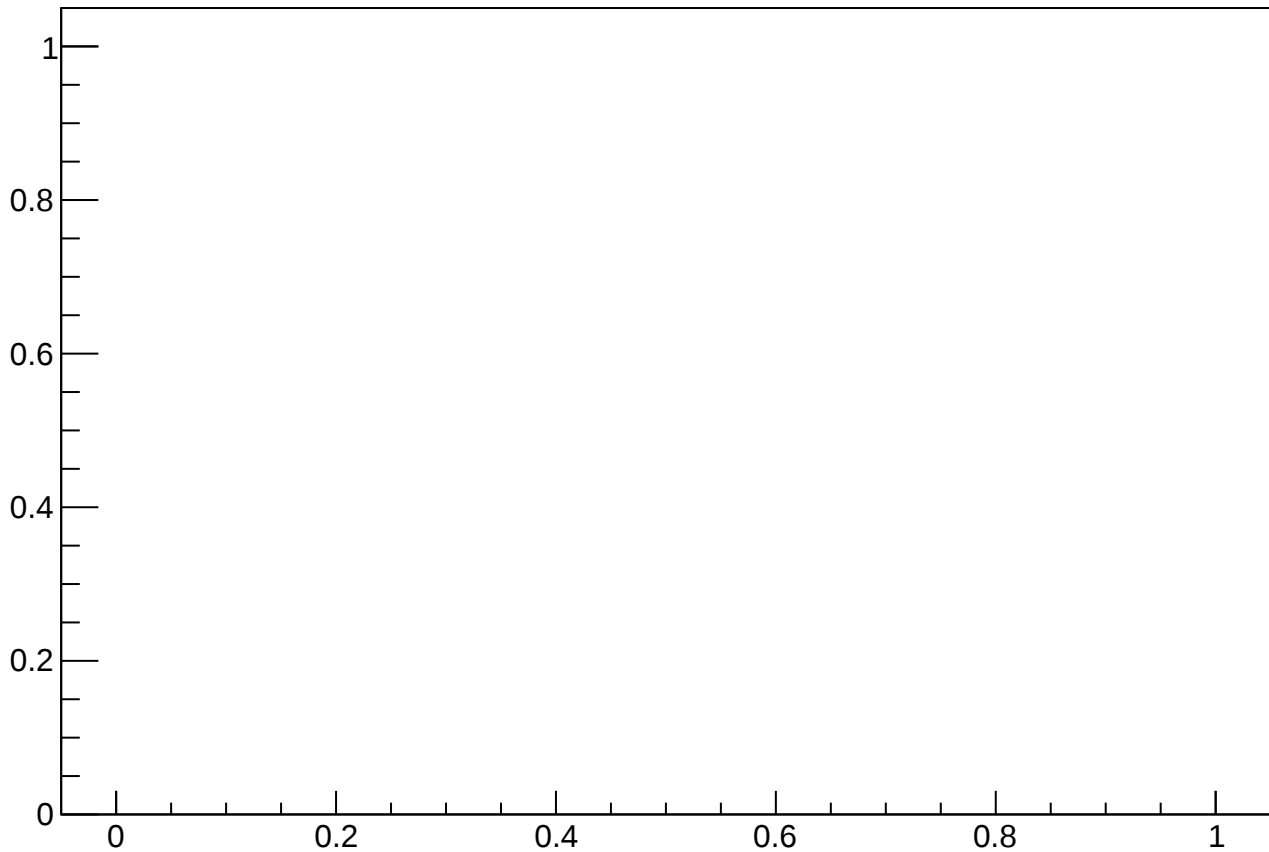
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

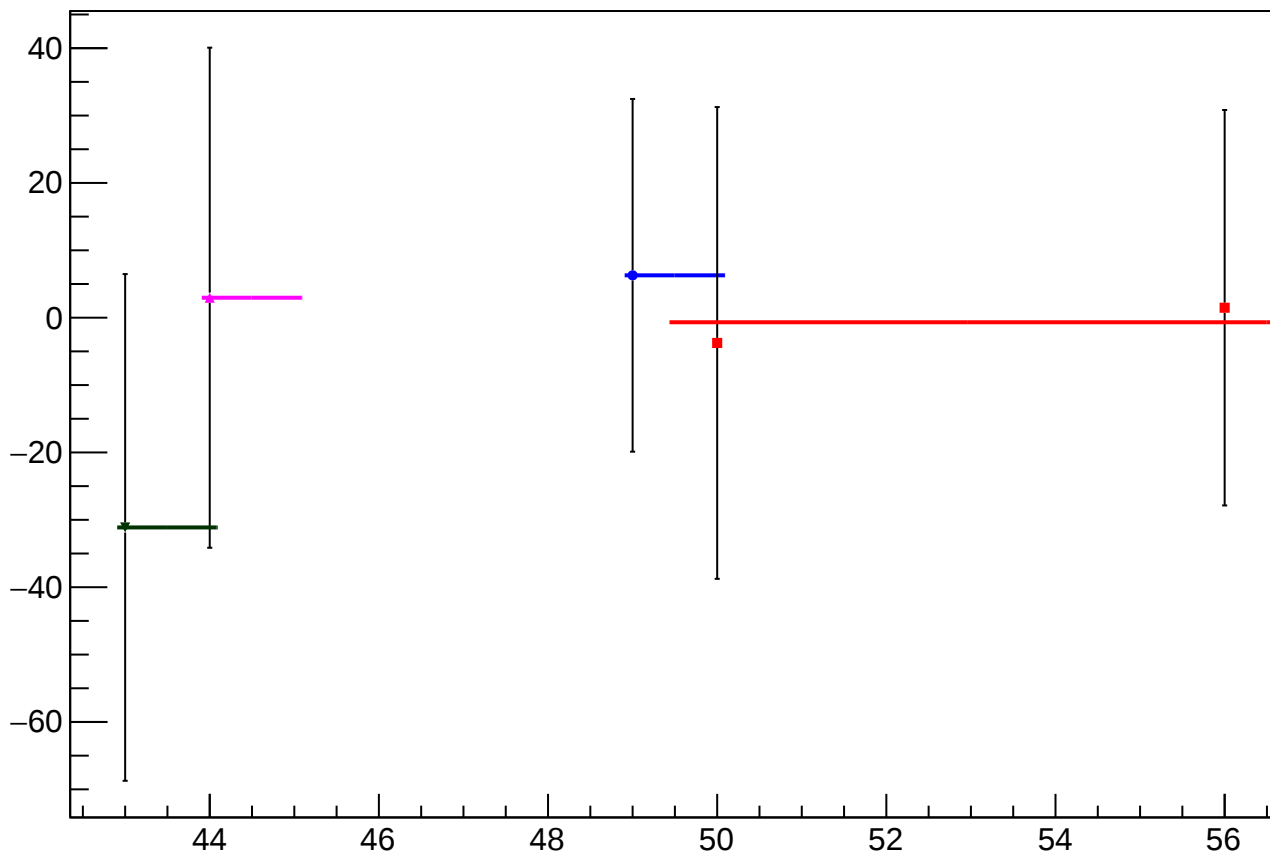
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

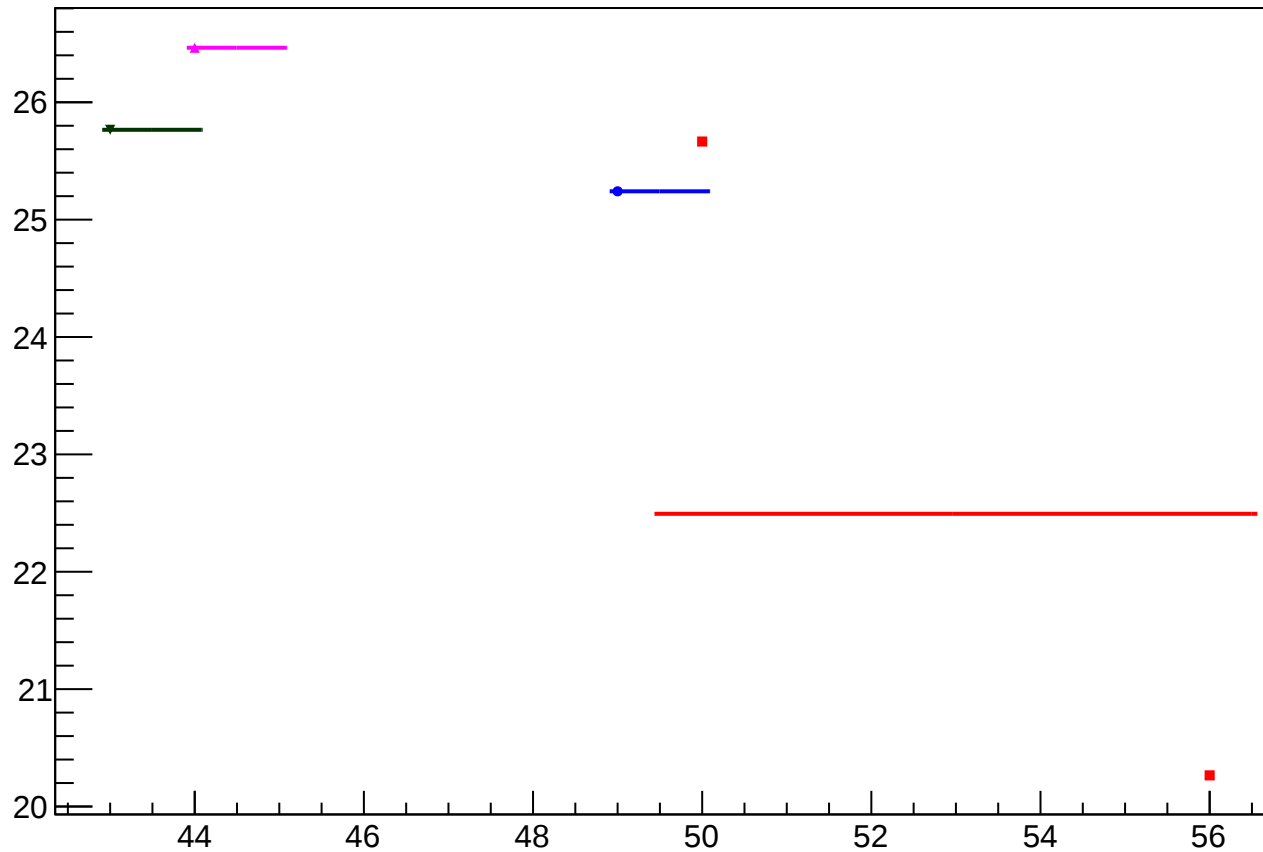
Right Out: -0.677 $\pm$ 22.490 χ^2/NDF : 0.0/1

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

-5.926 $\pm$ 21.484 χ^2/NDF : 0.7/1

0.301 $\pm$ 19.234 χ^2/NDF : 0.0/2

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

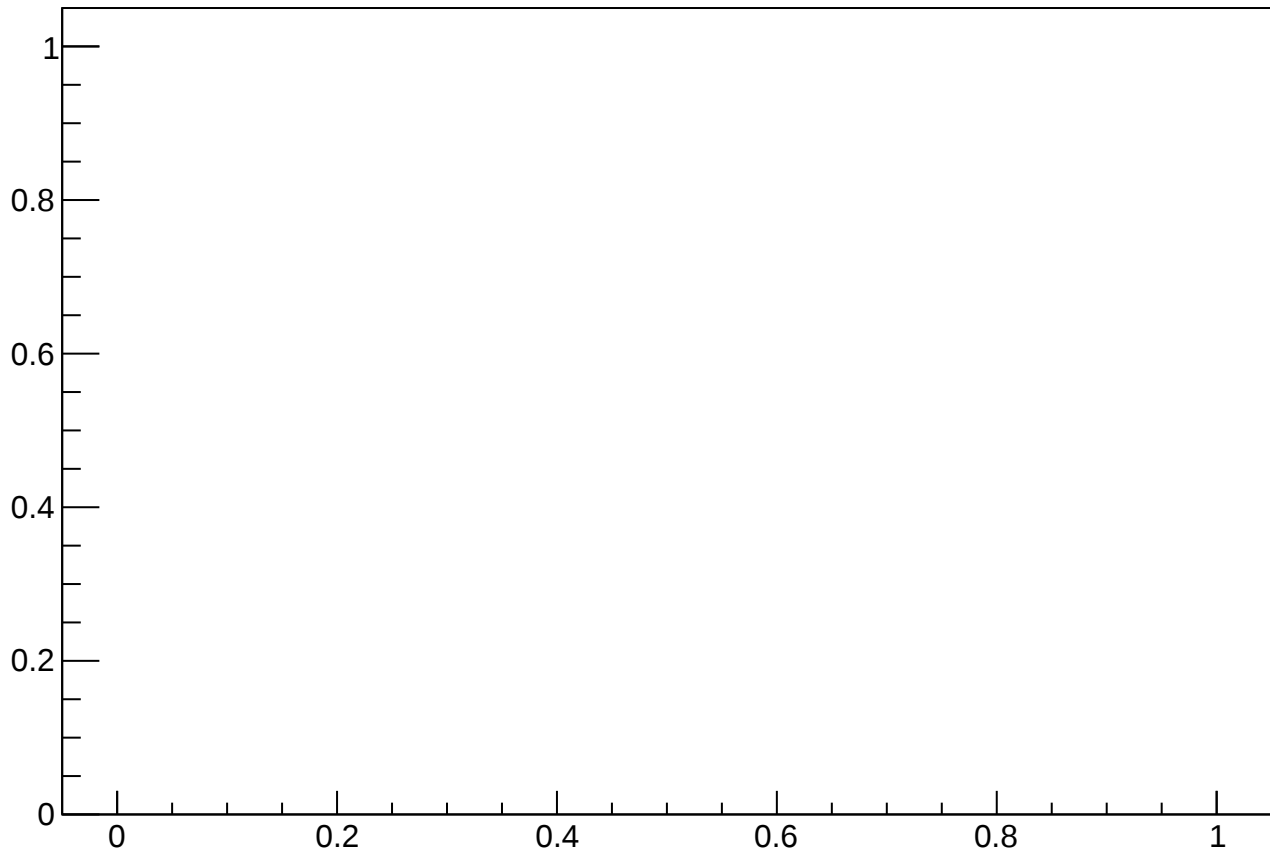
Right Out: 22.494 $\pm$ 0.016 χ^2 /NDF: 27948.4/1

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

25.412 $\pm$ 0.015 χ^2 /NDF: 261.7/1

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

bcm_dg_us_ds3_dd_mean vs slug



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

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

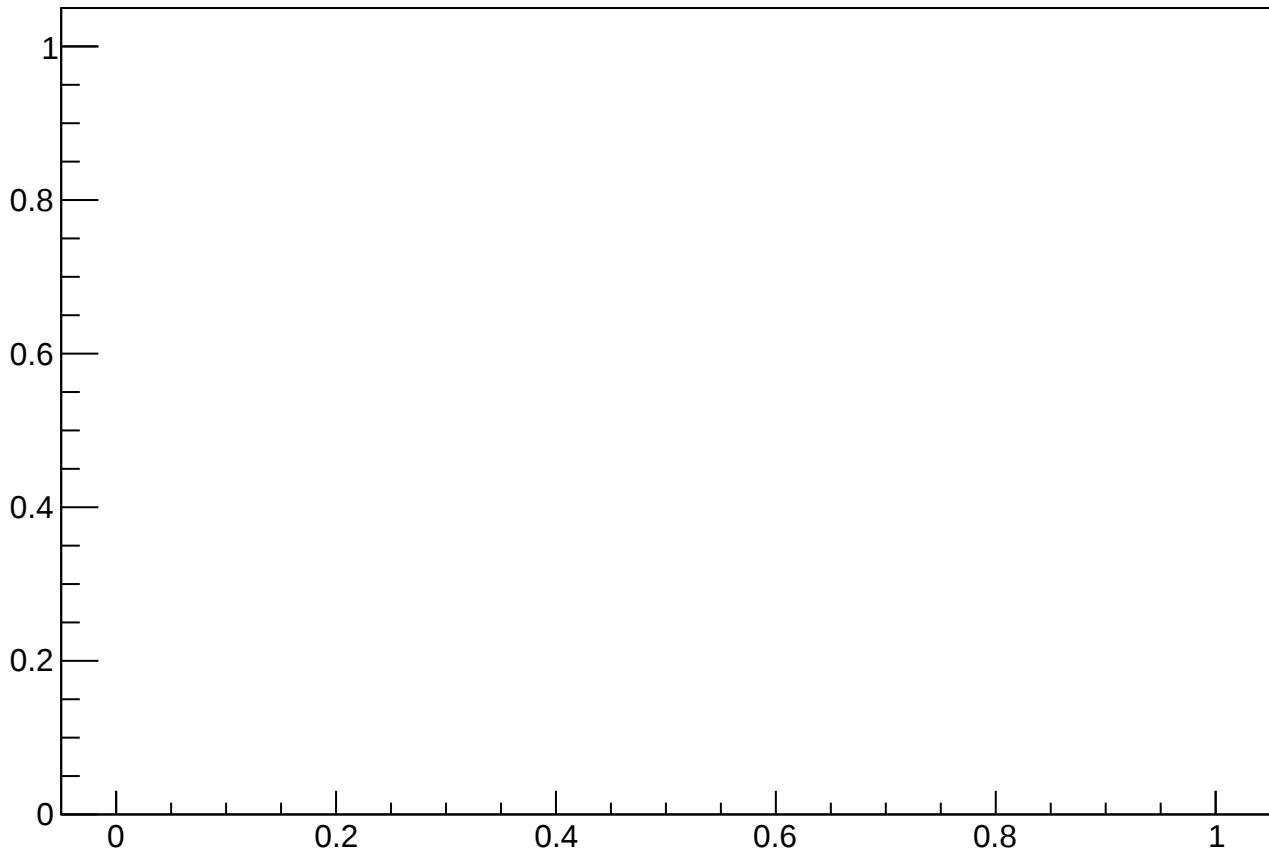
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

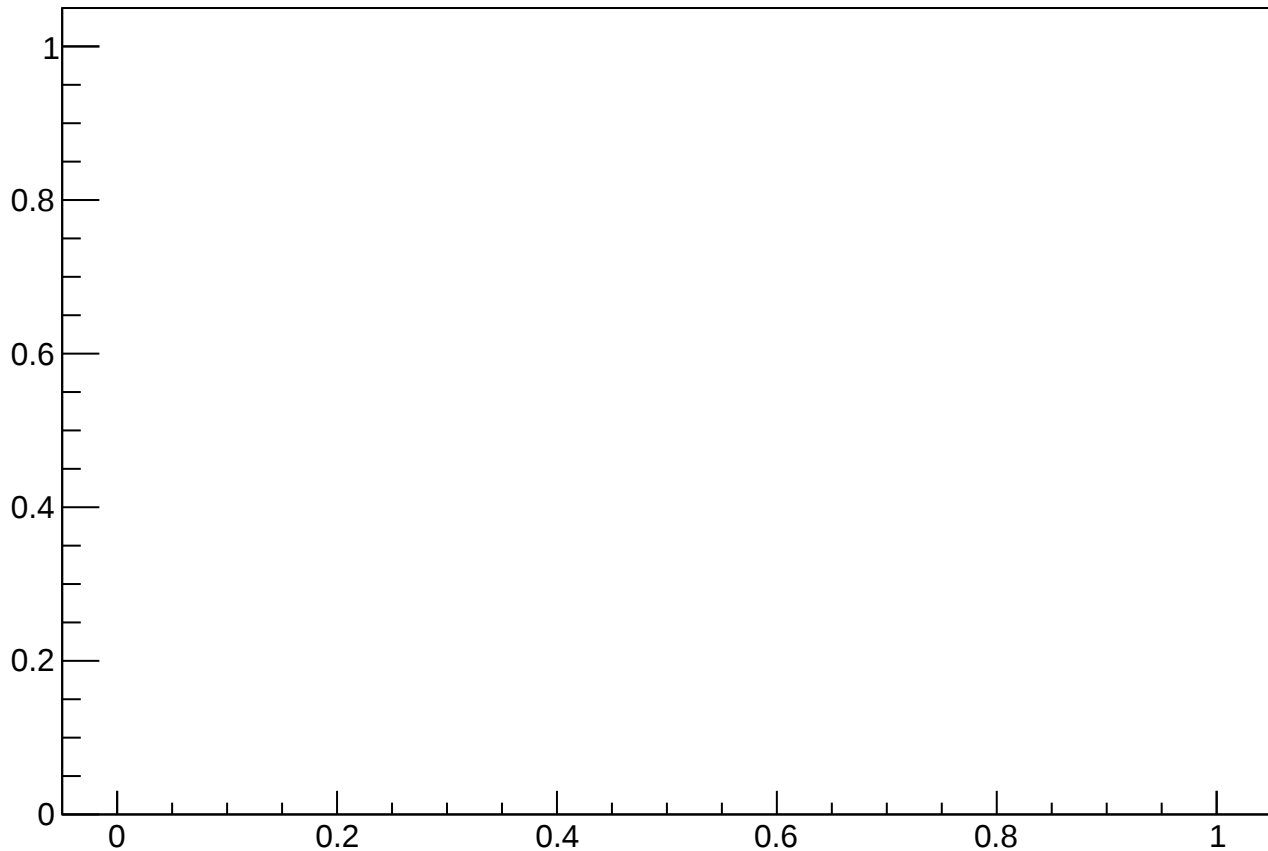
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

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

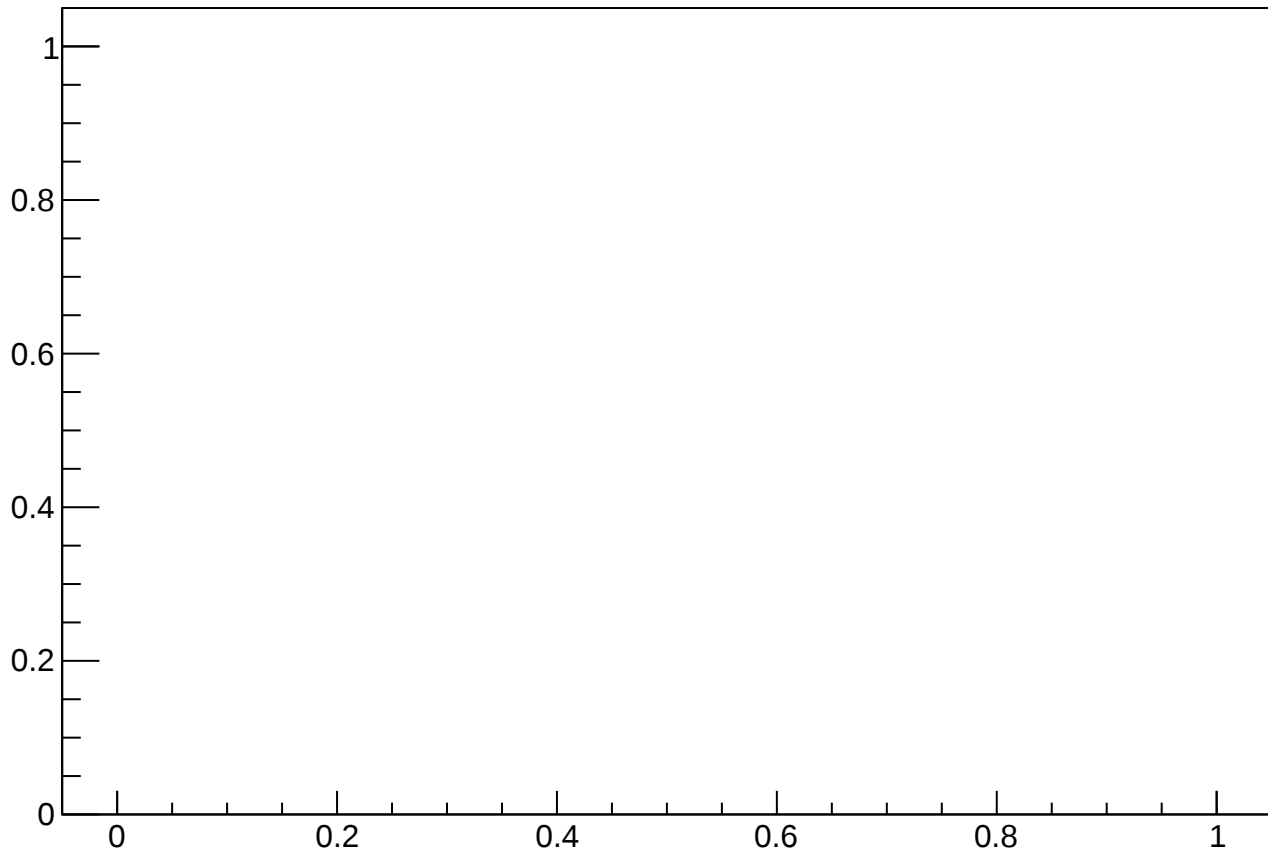
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

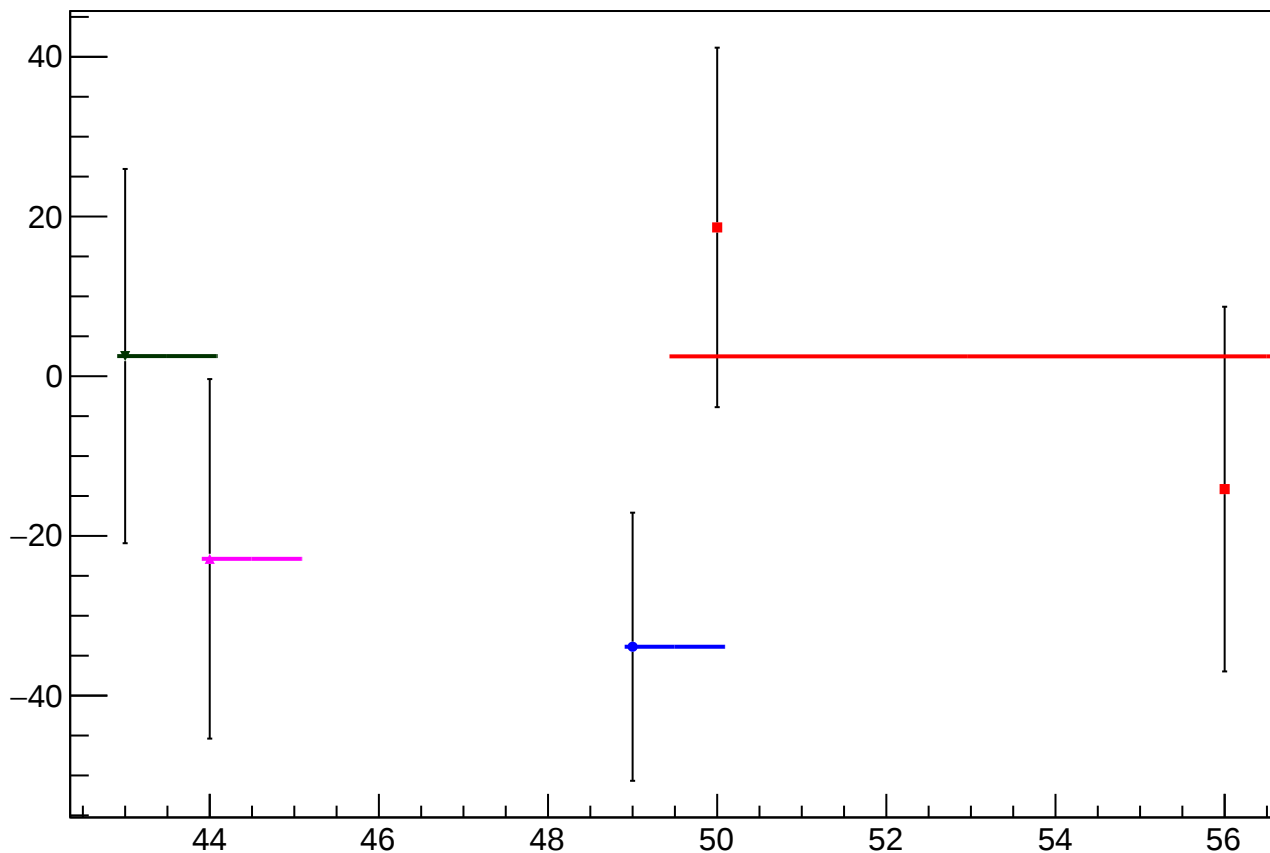
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

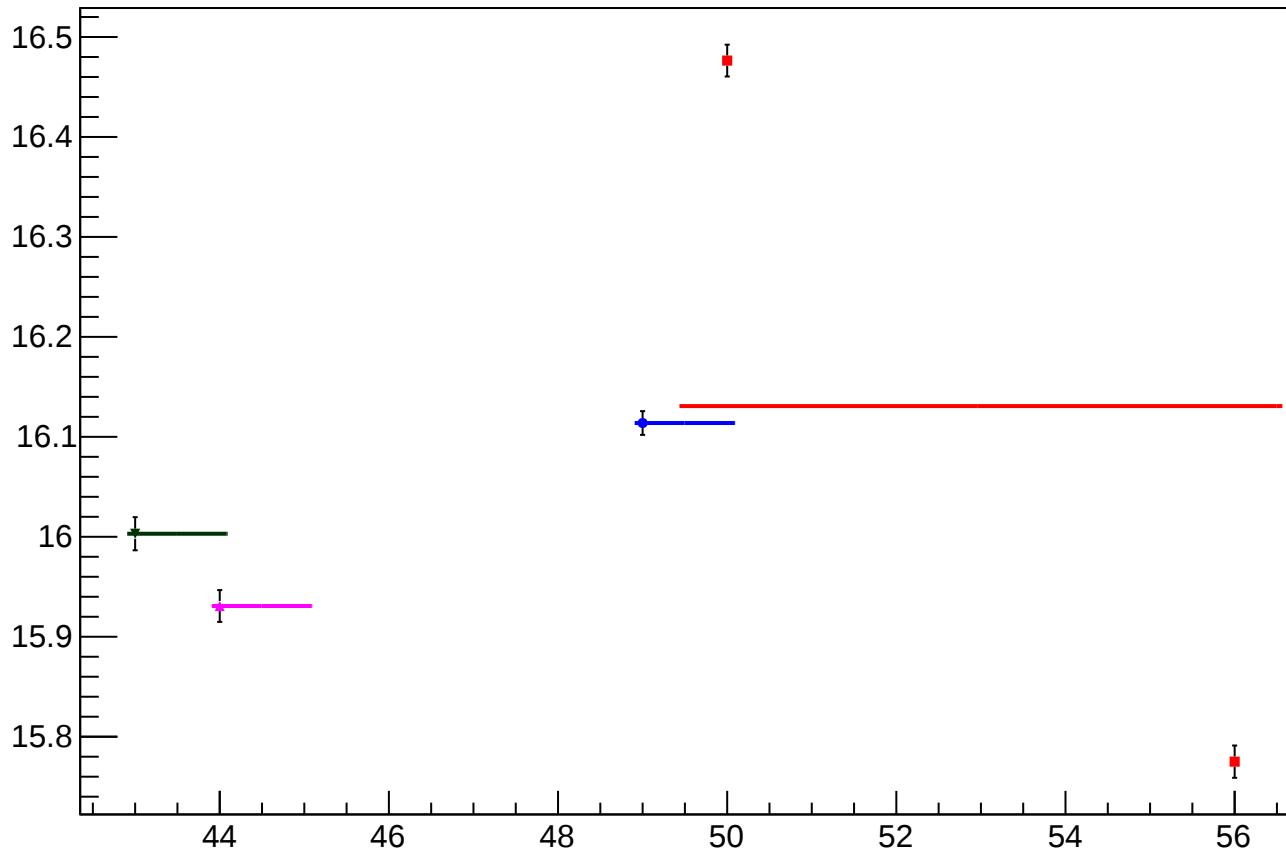
Right Out: 2.486 $\pm$ 16.032 χ^2 /NDF: 1.0/1

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

-21.534 $\pm$ 13.649 χ^2 /NDF: 1.6/1

-6.046 $\pm$ 13.059 χ^2 /NDF: 1.9/2

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.114 $\pm$ 0.012 χ^2/NDF : 0.0/0

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

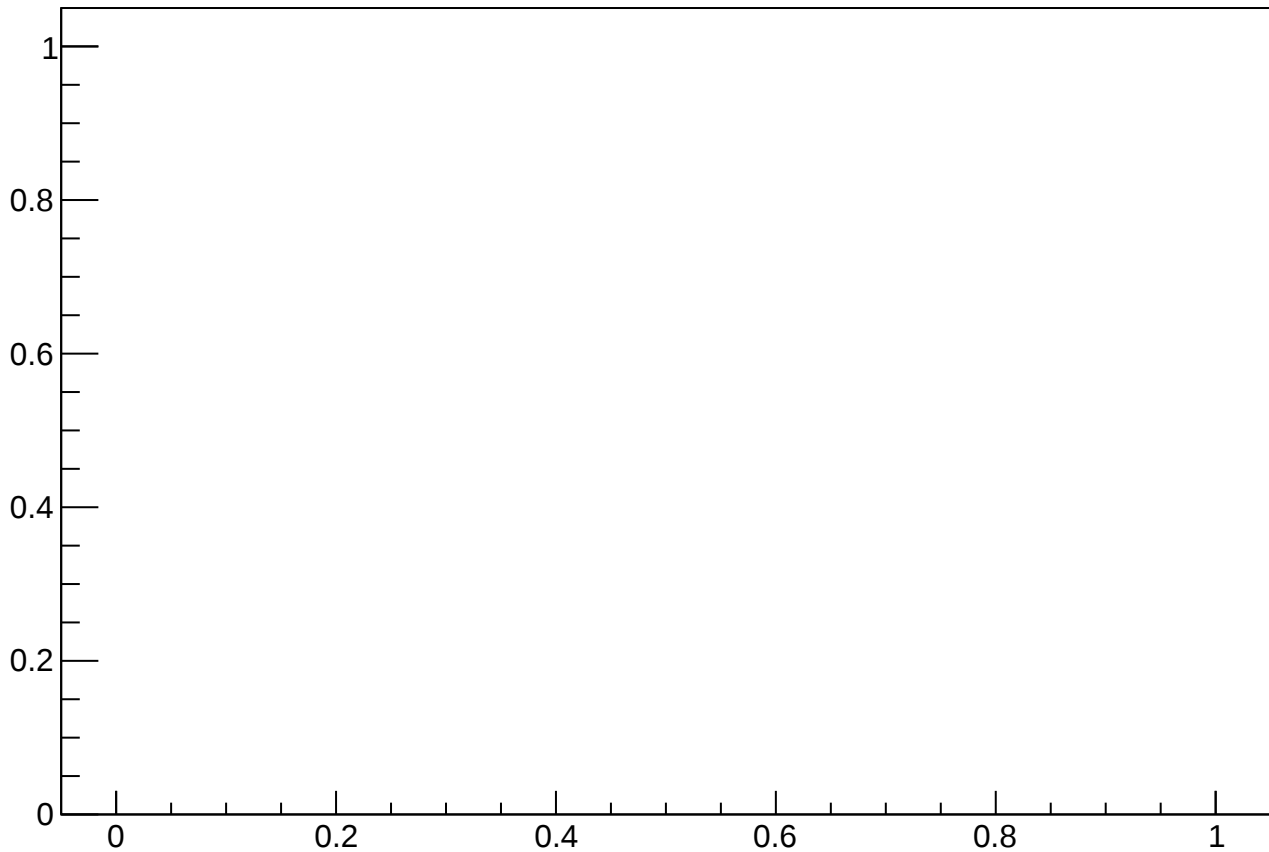
Right Out: 16.131 $\pm$ 0.011 χ^2/NDF : 956.8/1

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

16.076 $\pm$ 0.010 χ^2/NDF : 29.5/1

16.063 $\pm$ 0.009 χ^2/NDF : 1061.5/2

bcm_dg_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

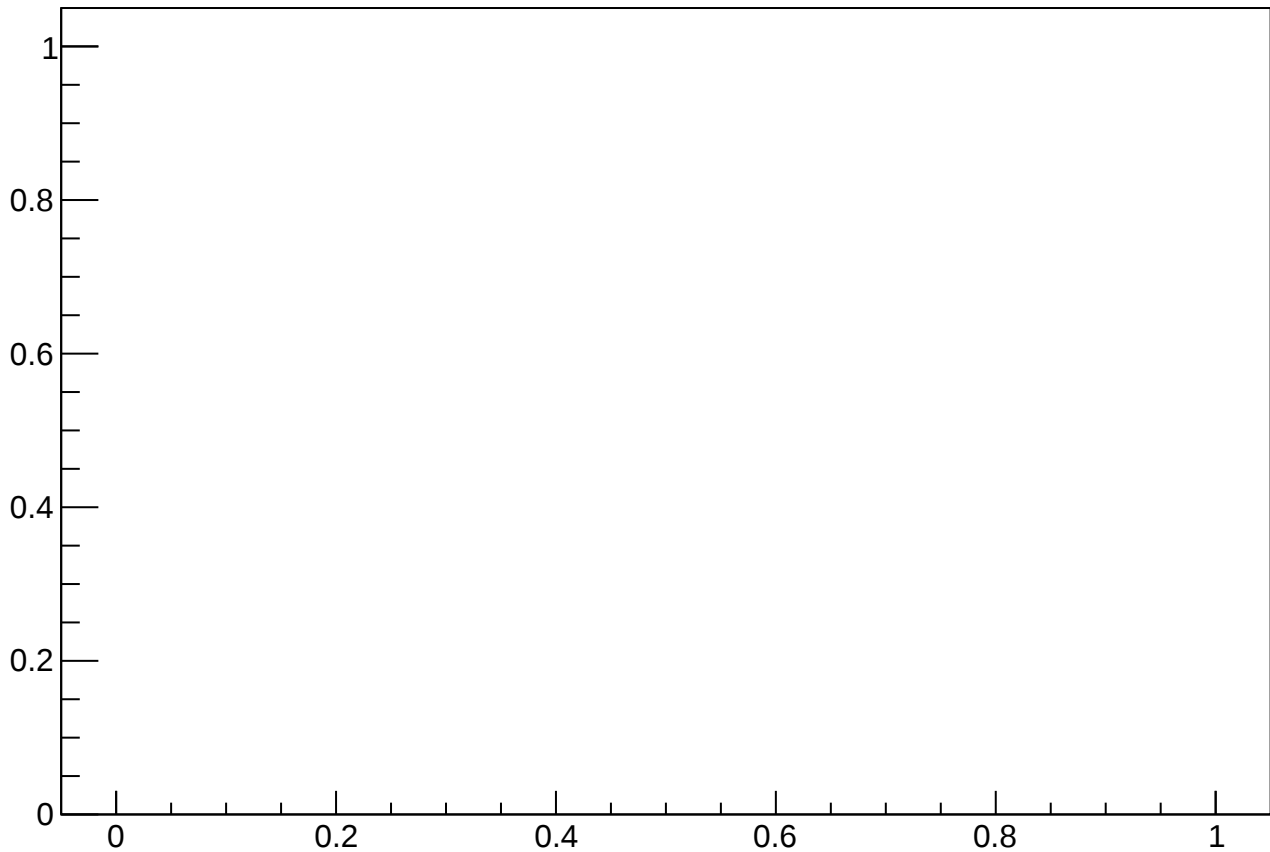
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

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

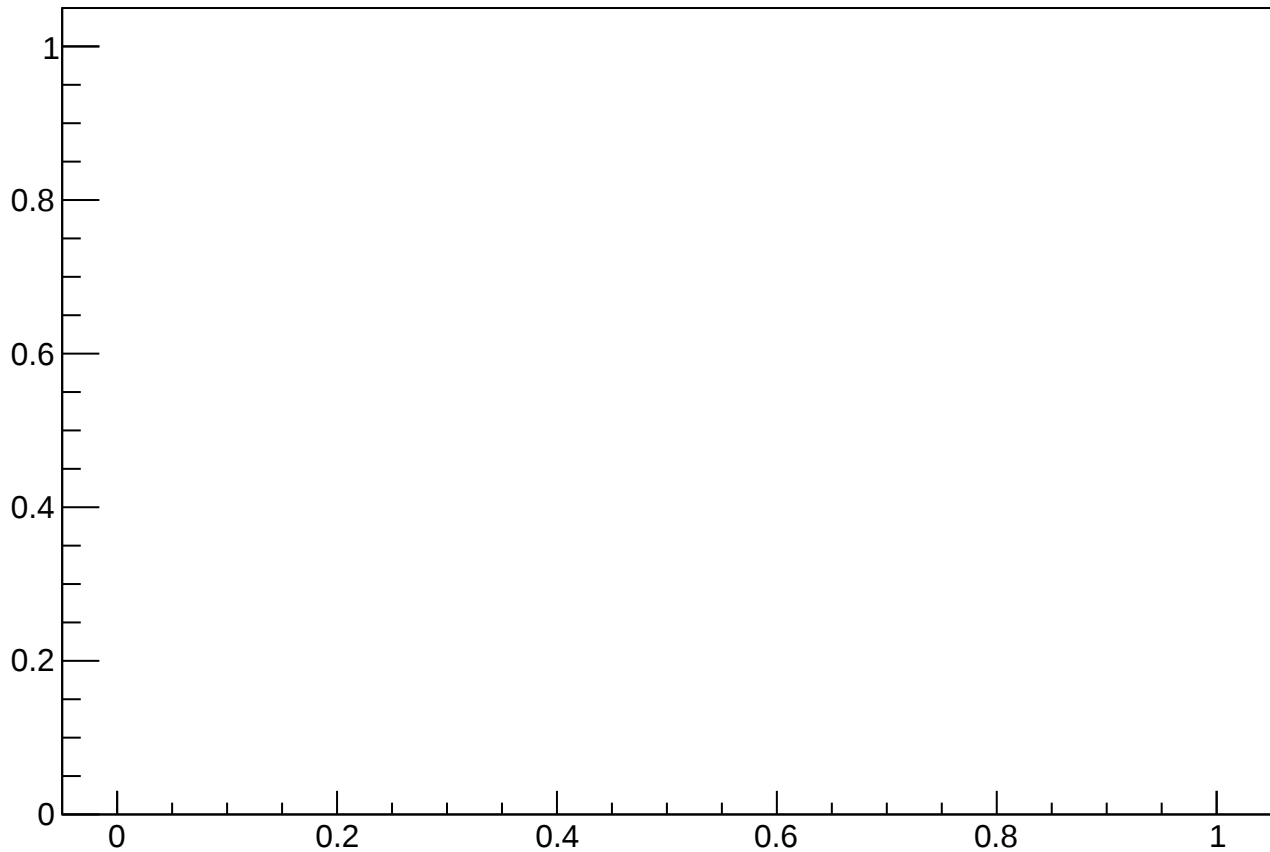
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

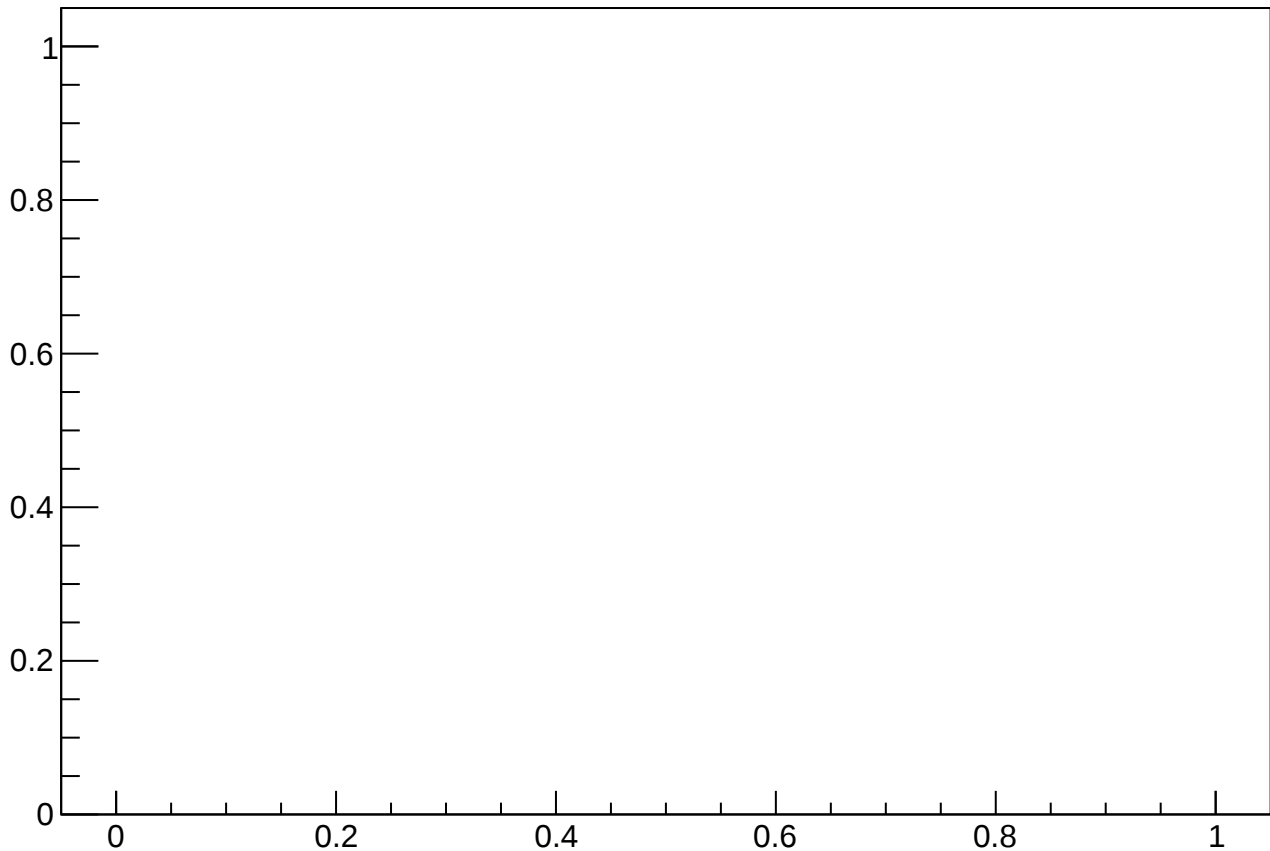
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

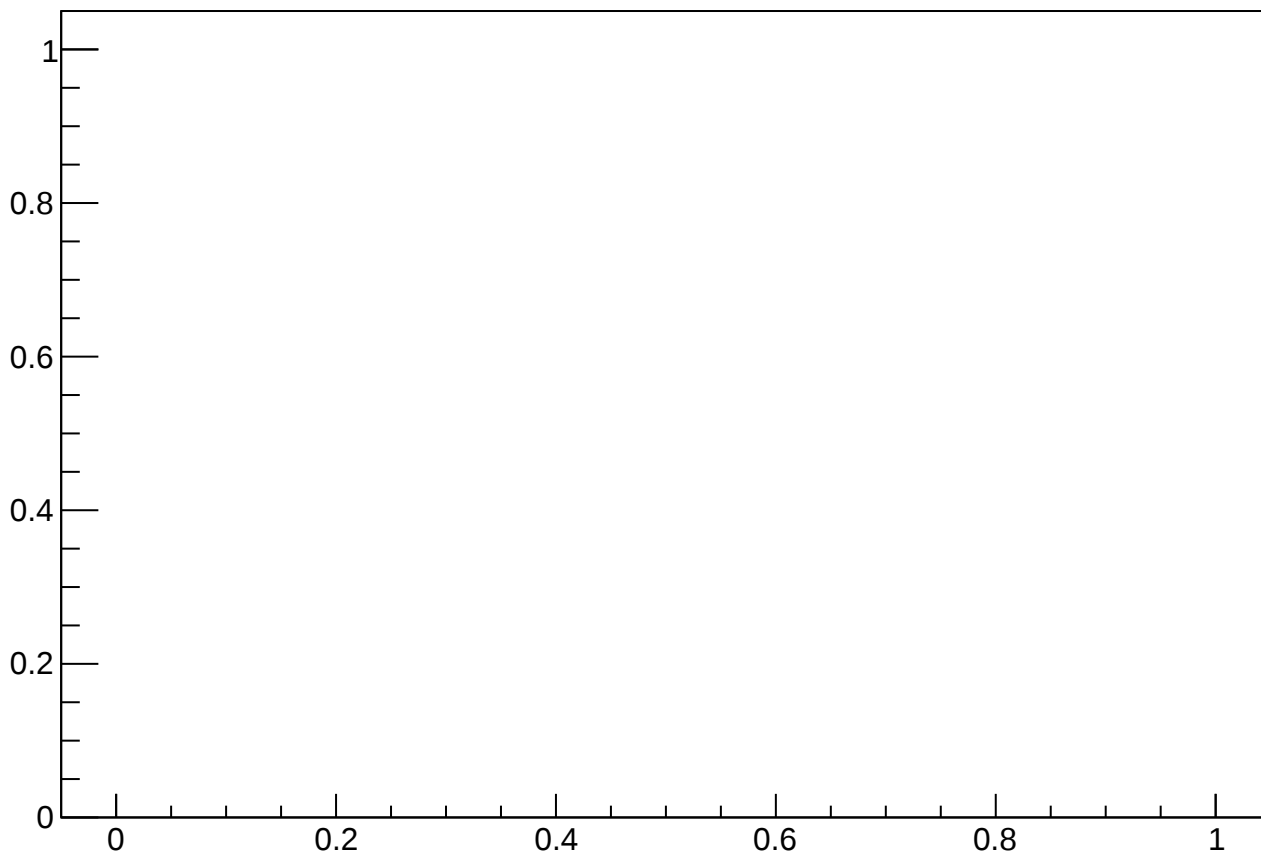
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

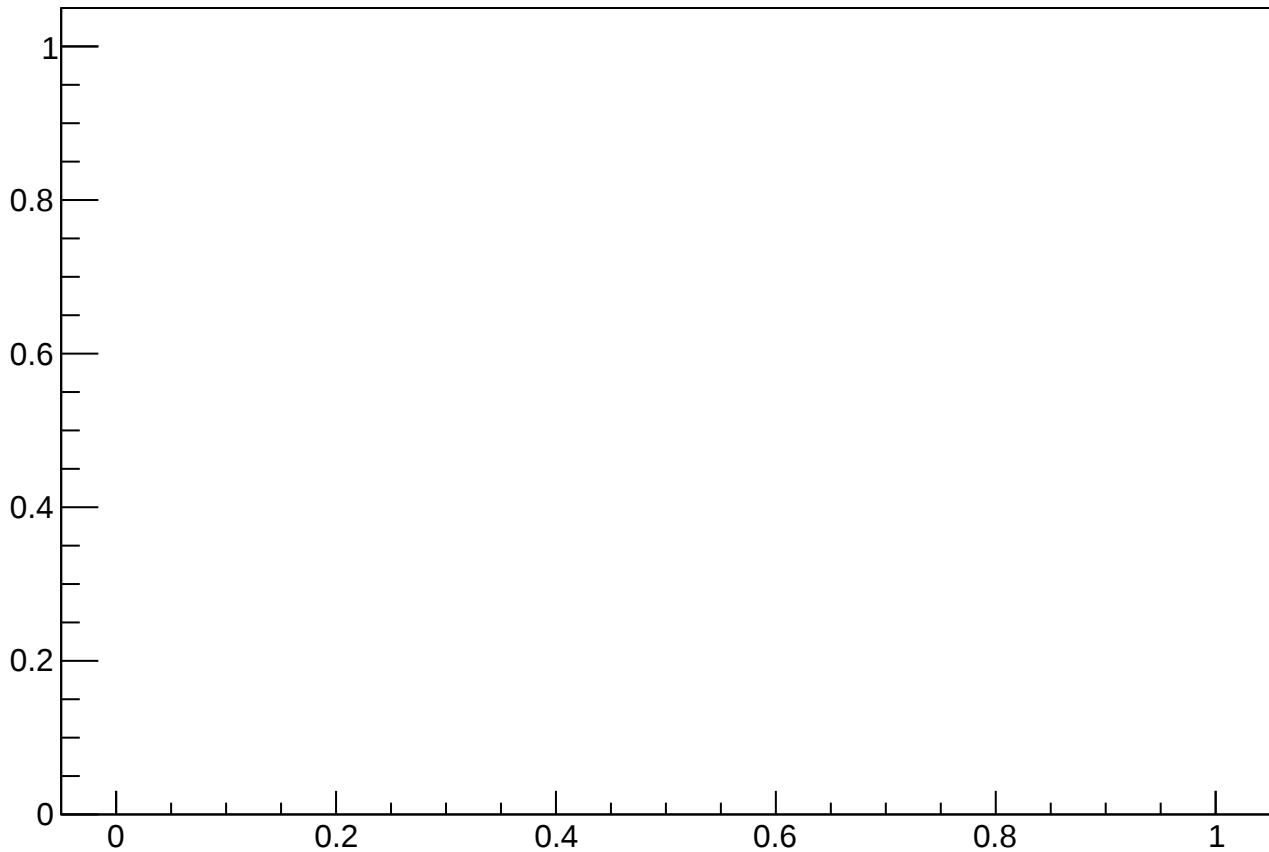
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

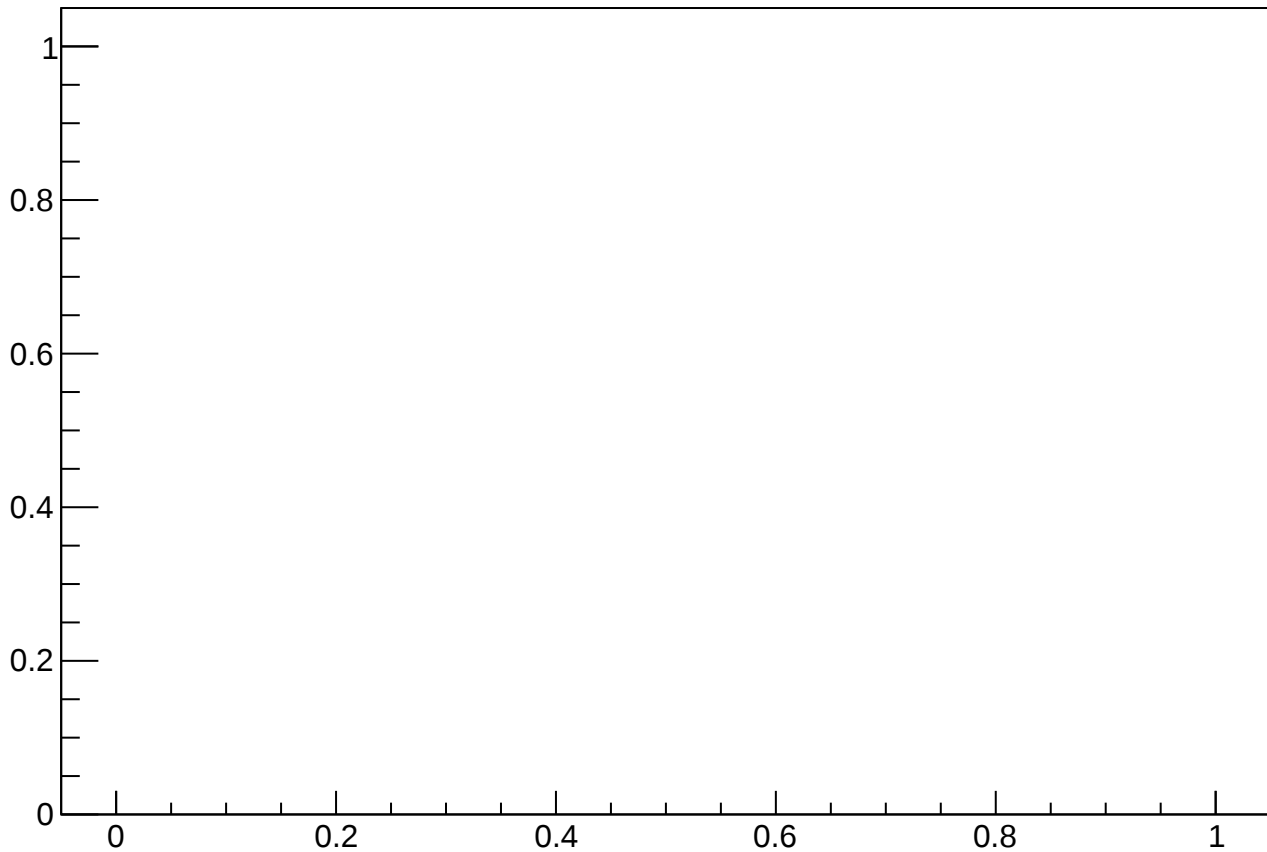
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

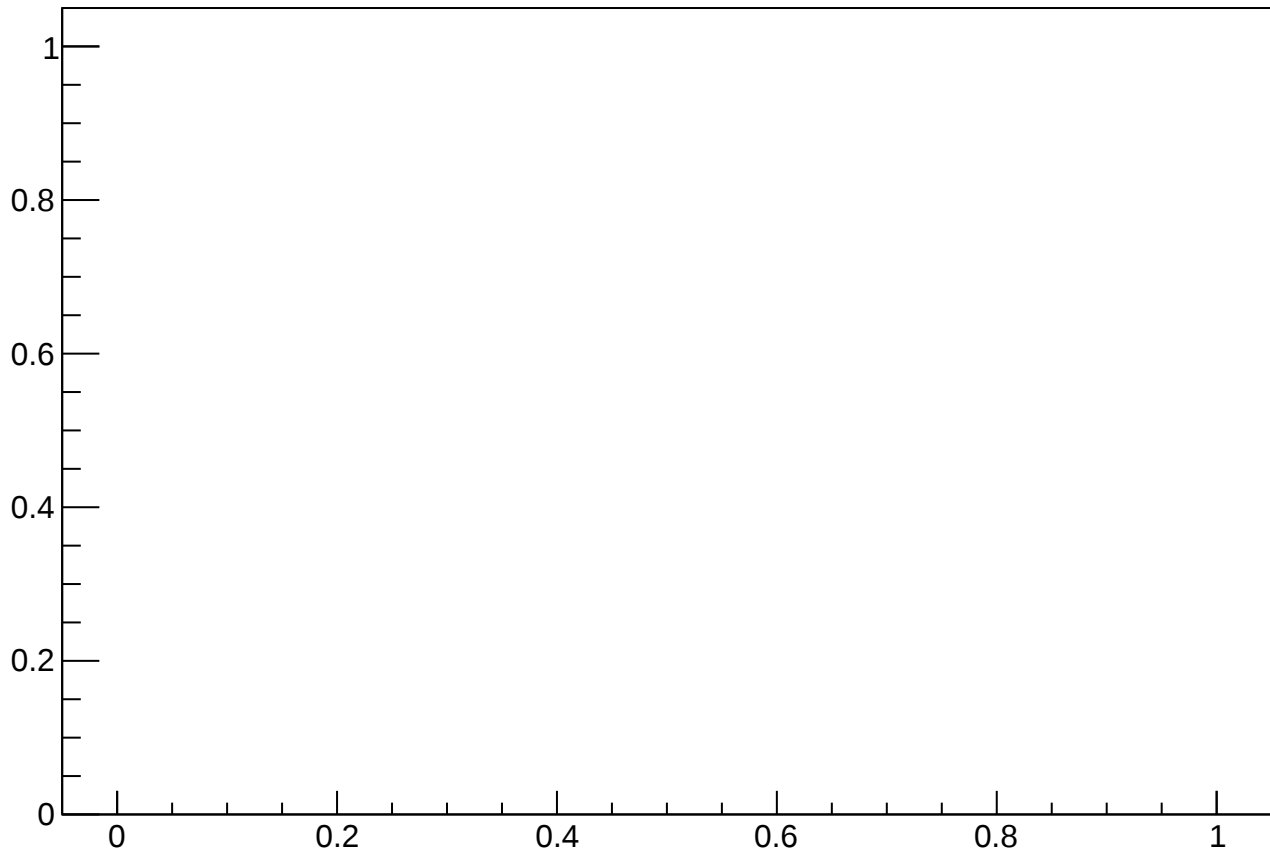
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _rms vs slug



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

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

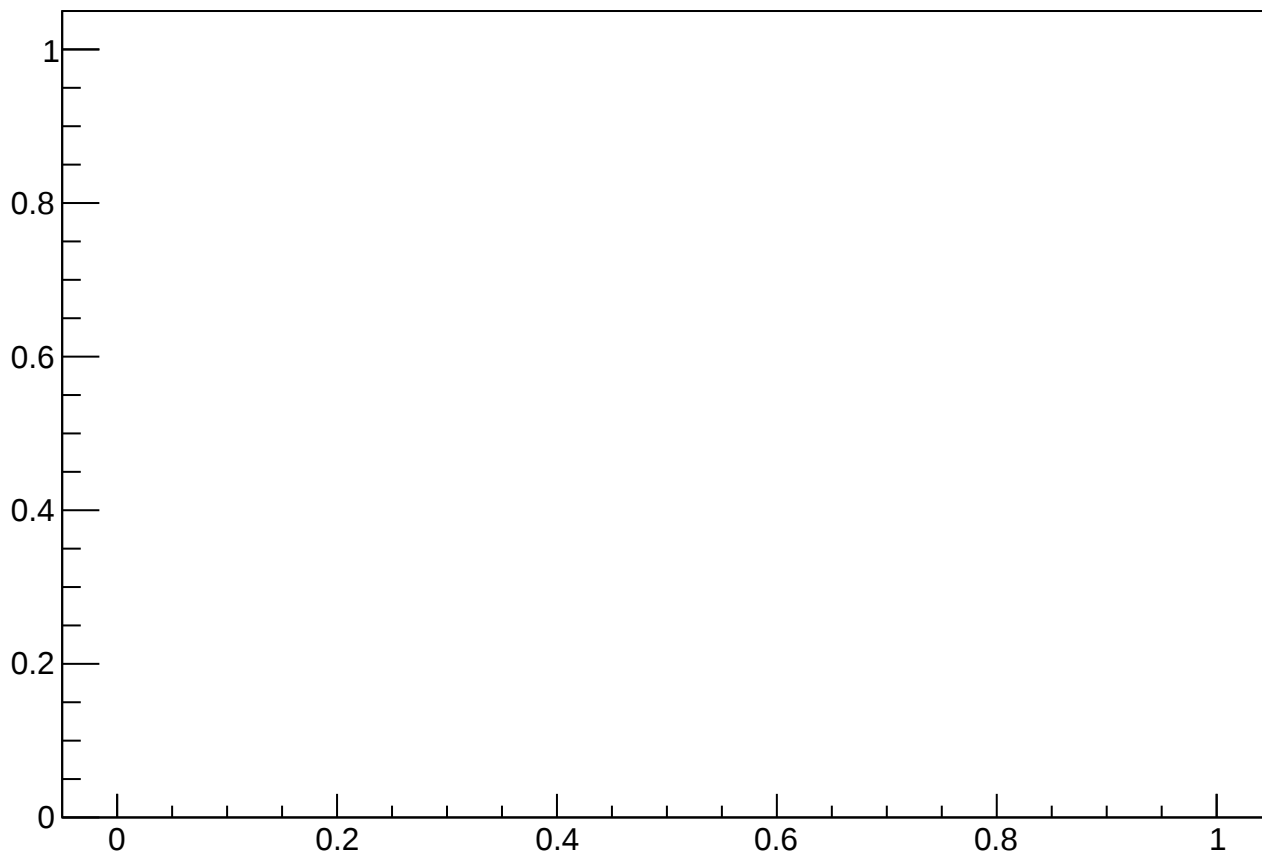
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

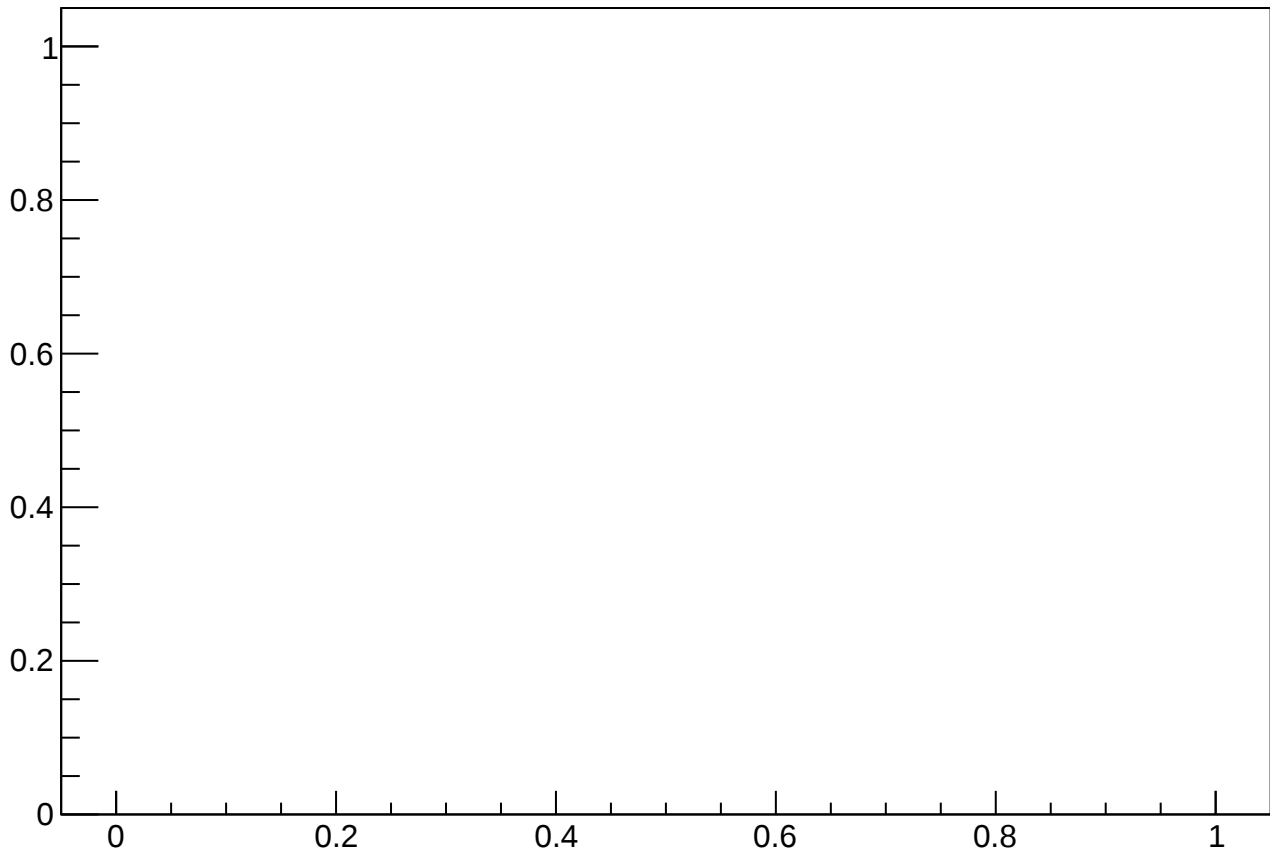
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_cav4cQ_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

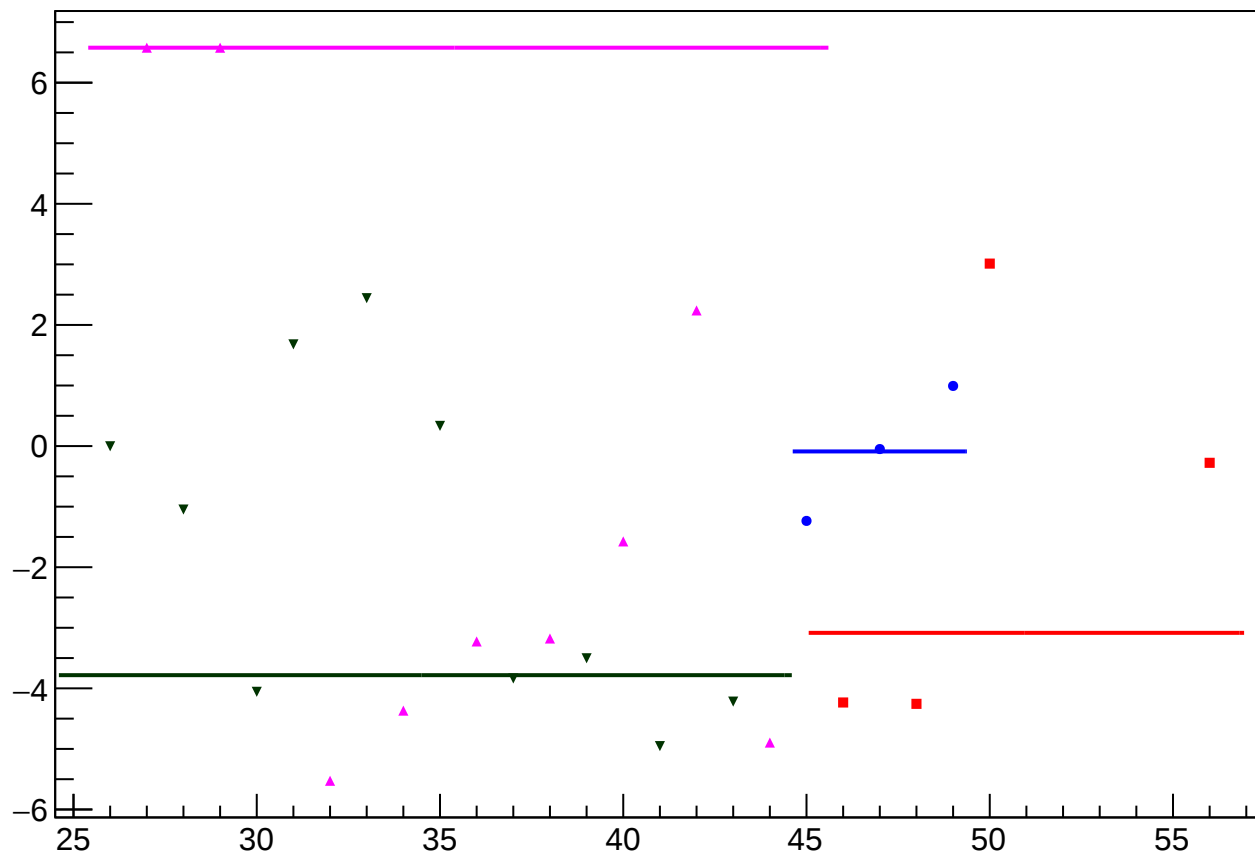
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

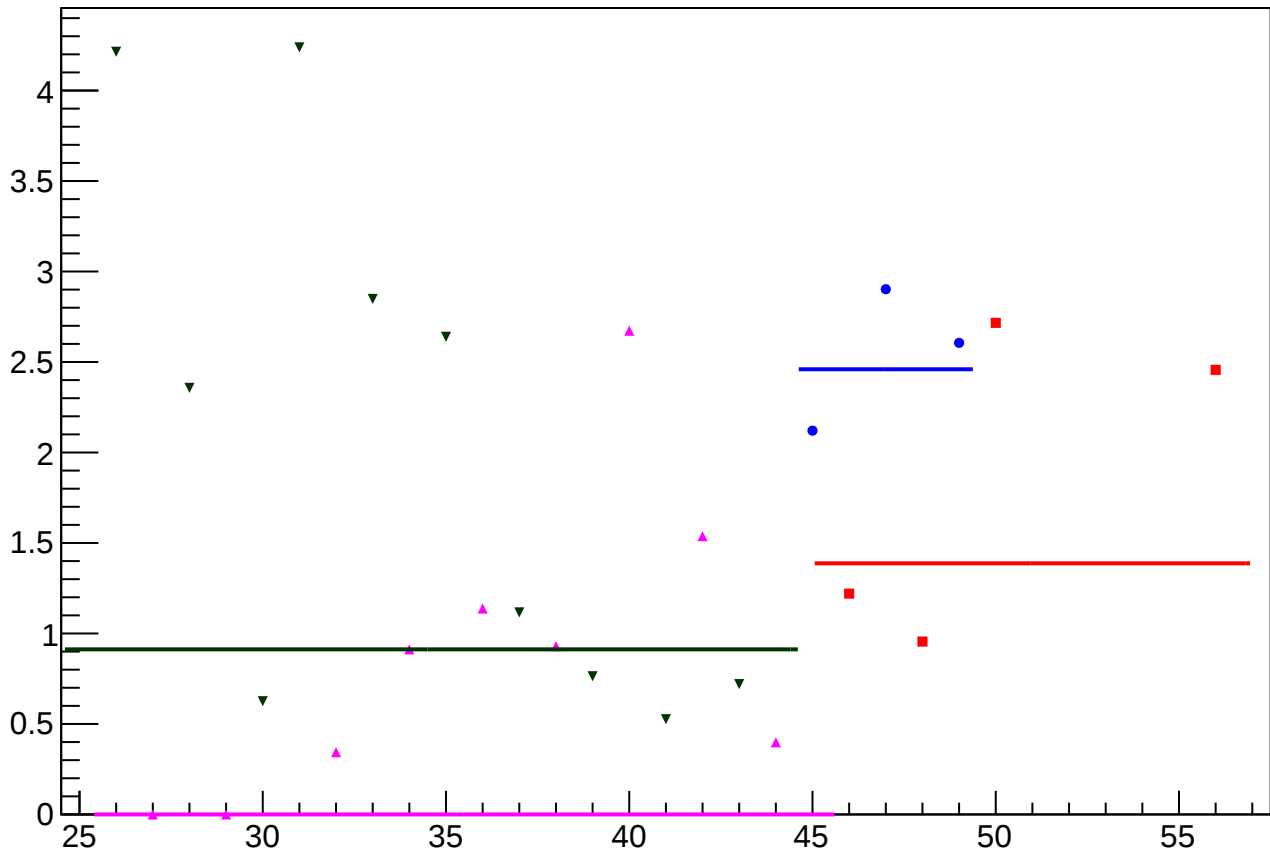
Right Out: -3.084 ± 0.001 χ^2/NDF : 3142061.9/3

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 : 878321003.6/12

yield_cav4bX_rms vs slug



Right In: 2.460 $\pm$ 0.001 χ^2 /NDF: 48226.1/2

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

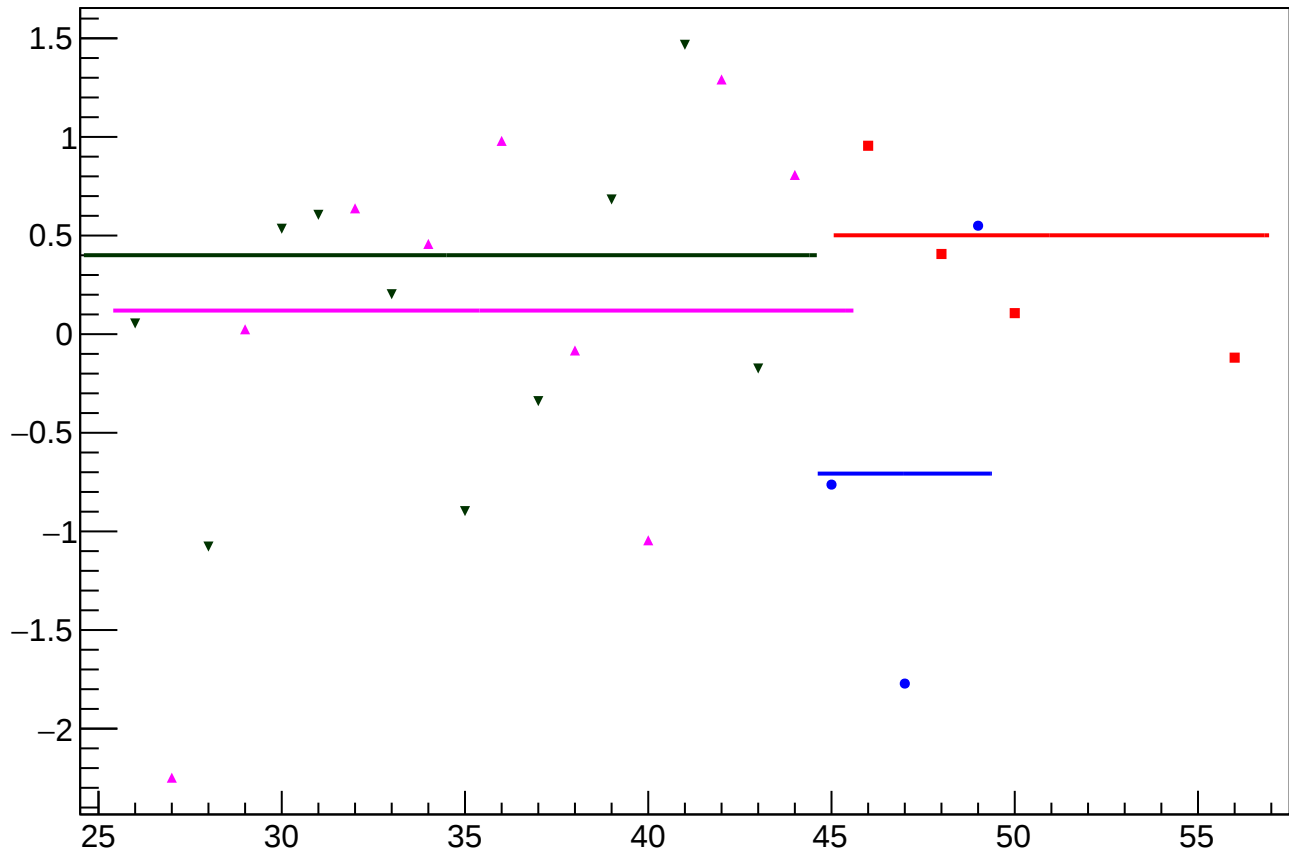
Right Out: 1.388 $\pm$ 0.001 χ^2 /NDF: 445469.8/3

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

1.063 $\pm$ 0.000 χ^2 /NDF: 3718294.5/12

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

yield_cav4bY_mean vs slug



Right In: -0.707 ± 0.001 χ^2/NDF : 1255473.8/2

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

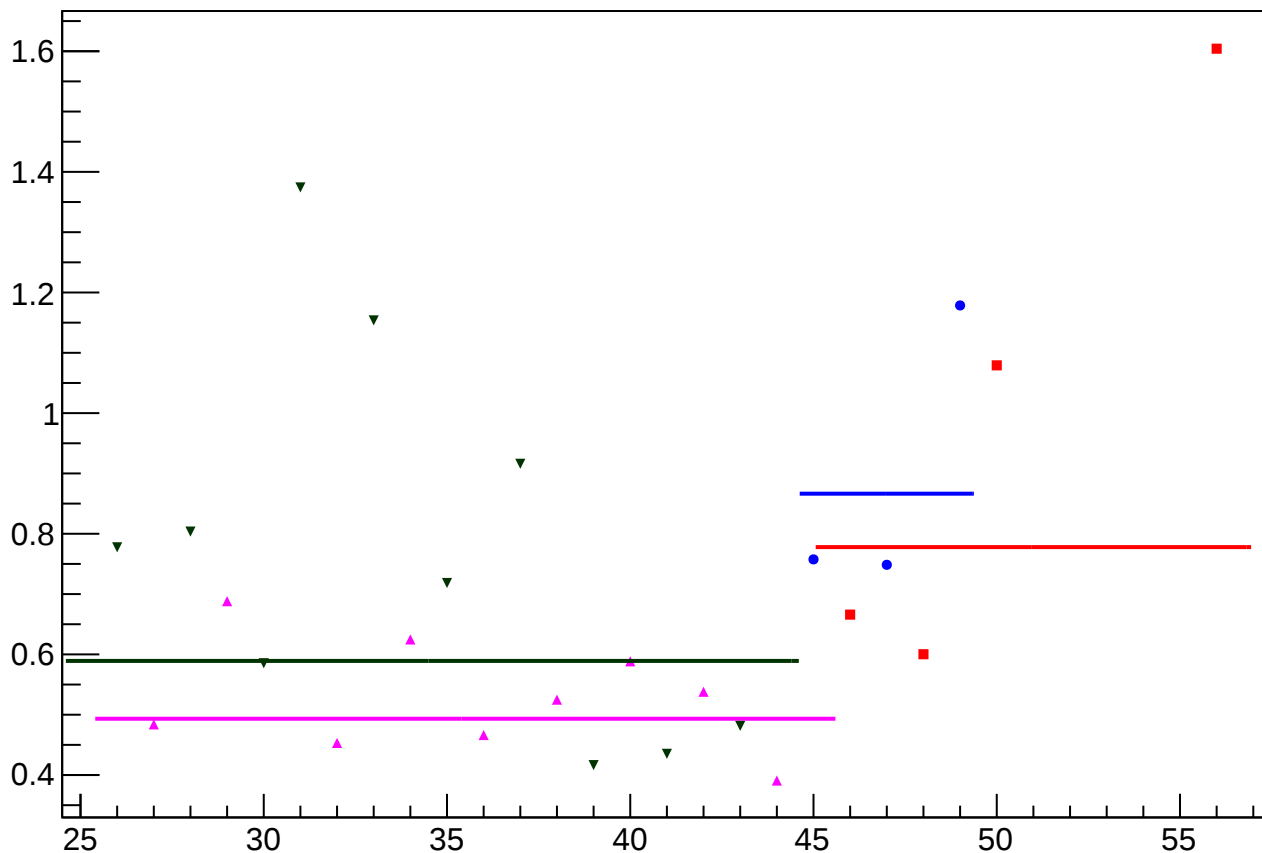
Right Out: 0.501 ± 0.001 χ^2/NDF : 278221.0/3

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

0.237 ± 0.000 χ^2/NDF : 9833020.7/12

0.166 ± 0.000 χ^2/NDF : 20651576.3/12

yield_cav4bY_rms vs slug



Right In: 0.866+/-0.001 χ^2/NDF : 117915.2/2

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

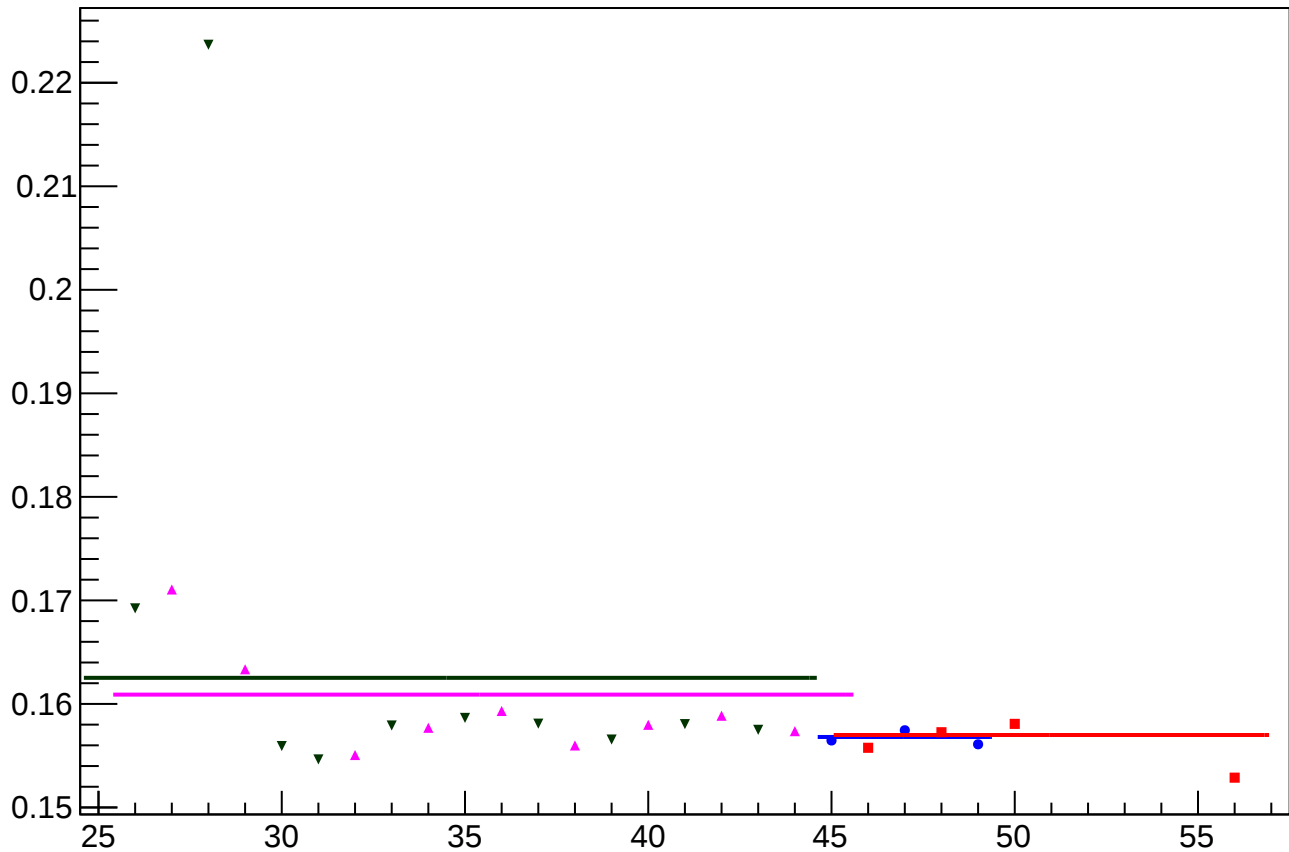
Right Out: 0.778+/-0.000 χ^2/NDF : 374231.3/3

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

0.630+/-0.000 χ^2/NDF : 1230117.6/12

0.528+/-0.000 χ^2/NDF : 898462.9/12

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

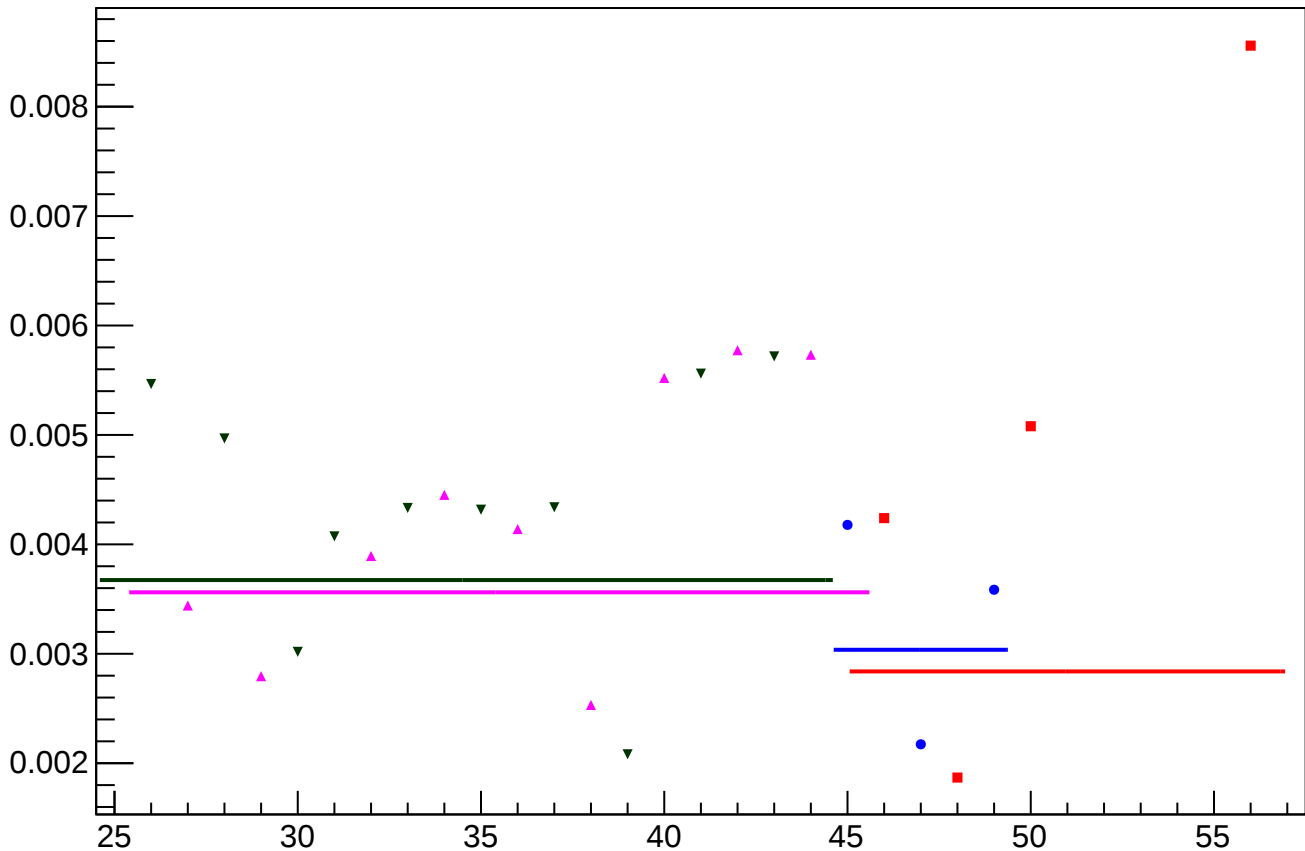
0.161+/-0.000 χ^2/NDF : 105572812.6/12

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

0.160+/-0.000 χ^2/NDF : 13569875.1/12

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

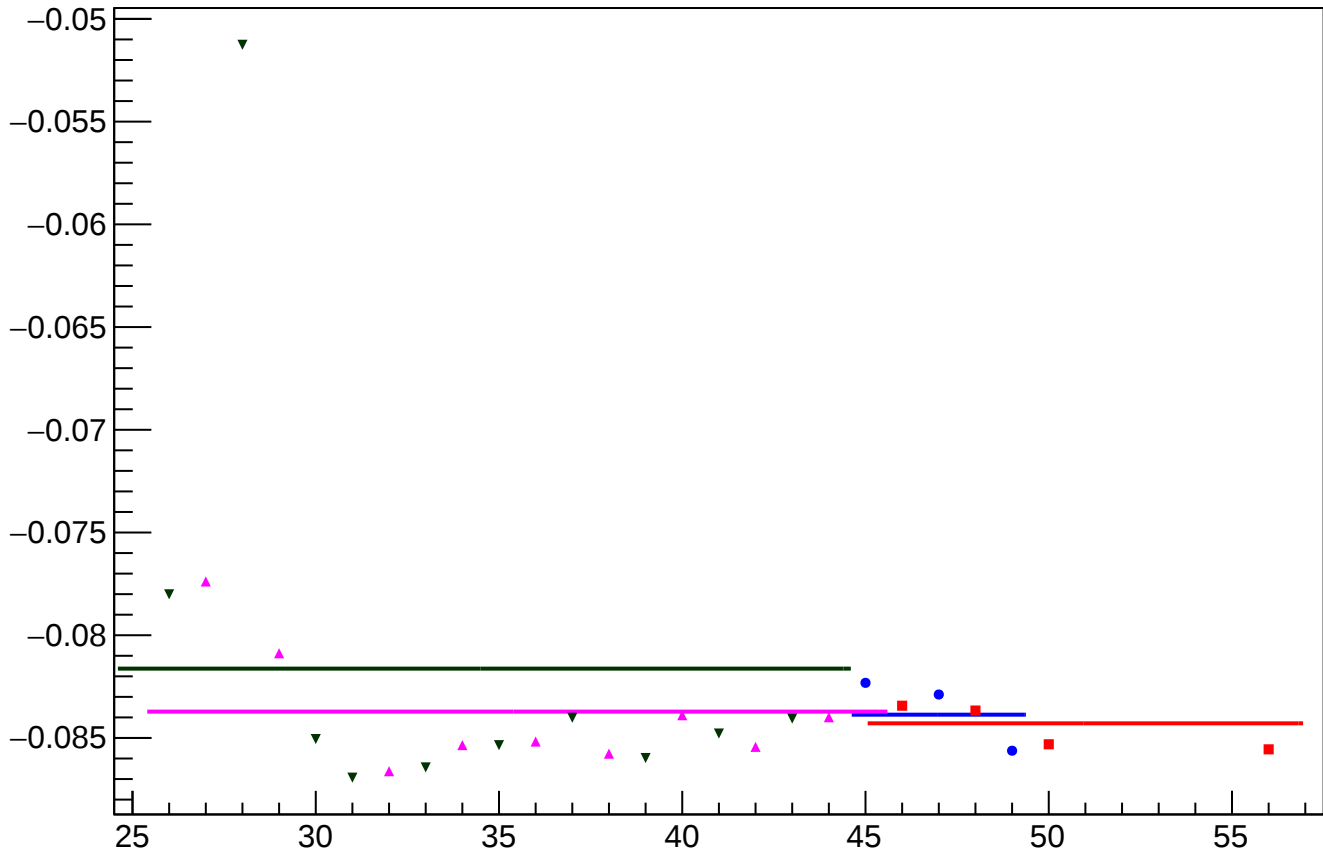
Right Out: 0.003+/-0.000 χ^2/NDF : 908329.3/3

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

0.003+/-0.000 χ^2/NDF : 1374333.6/12

0.003+/-0.000 χ^2/NDF : 1778078.6/12

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

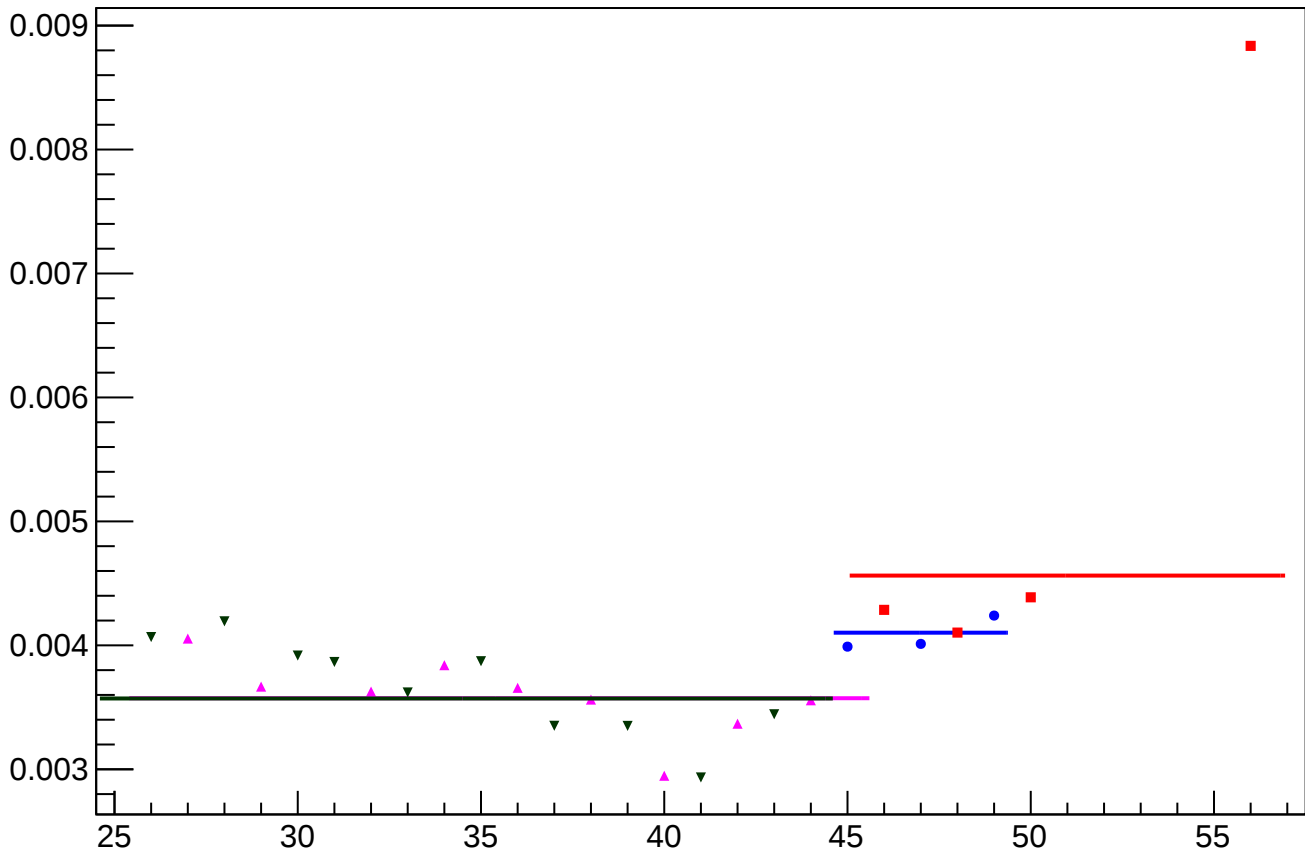
Right Out: -0.084 ± 0.000 χ^2/NDF : 62467.1/3

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 : 3604696.2/12

yield_cav4cY_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 3186.4/2

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

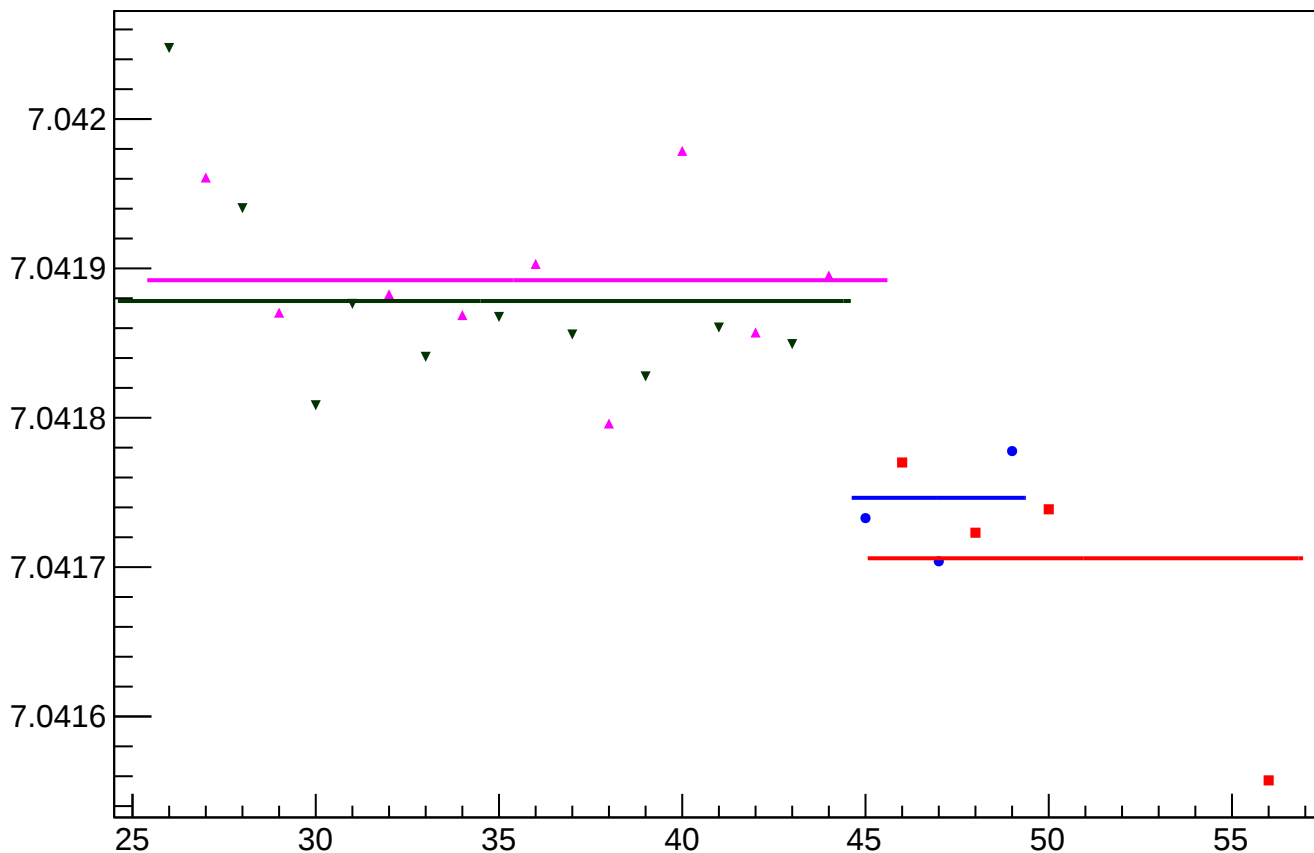
0.004 $\pm$ 0.000 χ^2 /NDF: 173684.3/12

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 207955.4/3

0.004 $\pm$ 0.000 χ^2 /NDF: 416787.0/12

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

yield_cav4dX_mean vs slug



Right In: 7.042 $\pm$ 0.000 χ^2 /NDF: 65500.5/2

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

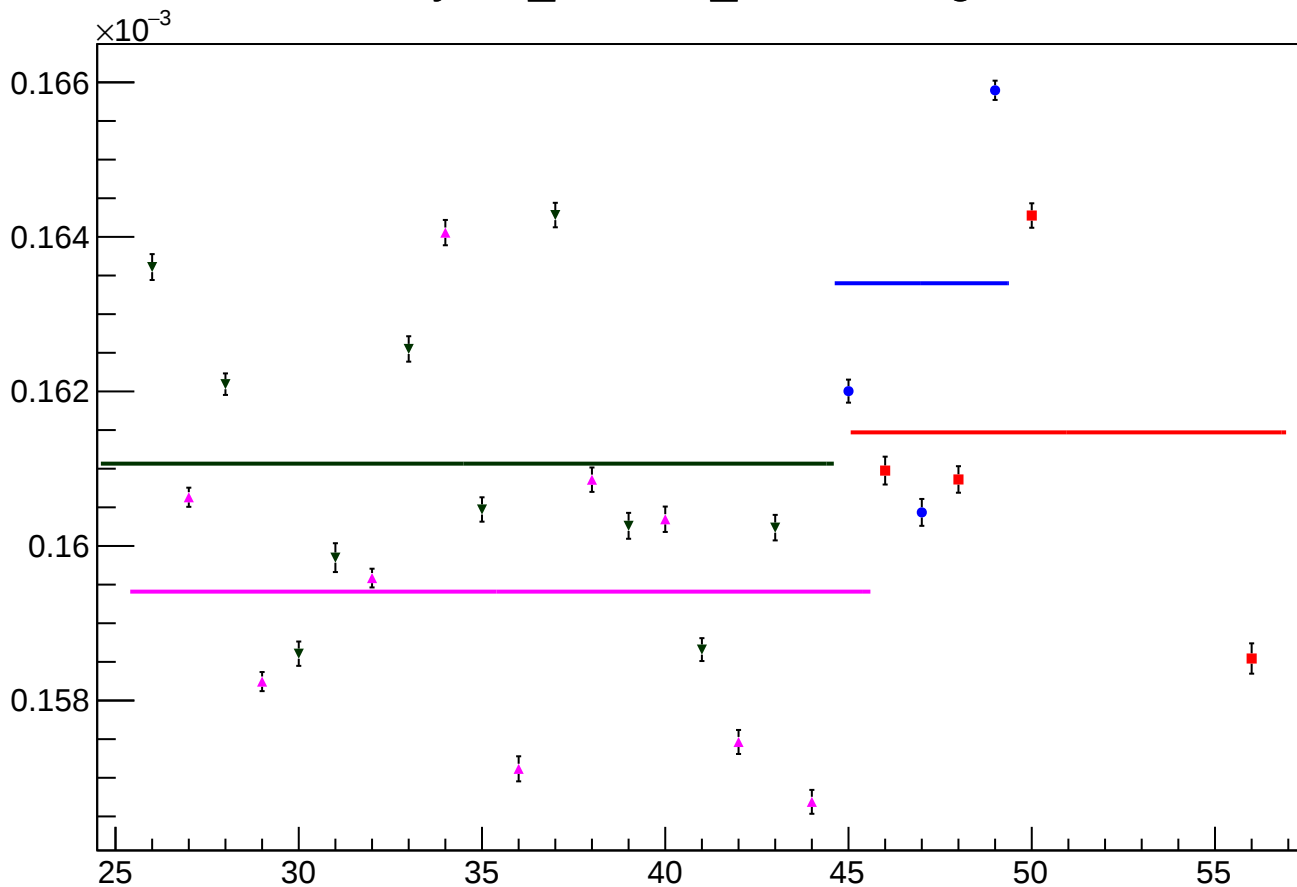
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 376733.3/3

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

7.042 $\pm$ 0.000 χ^2 /NDF: 1786286.1/12

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

yield_cav4dX_rms vs slug



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

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

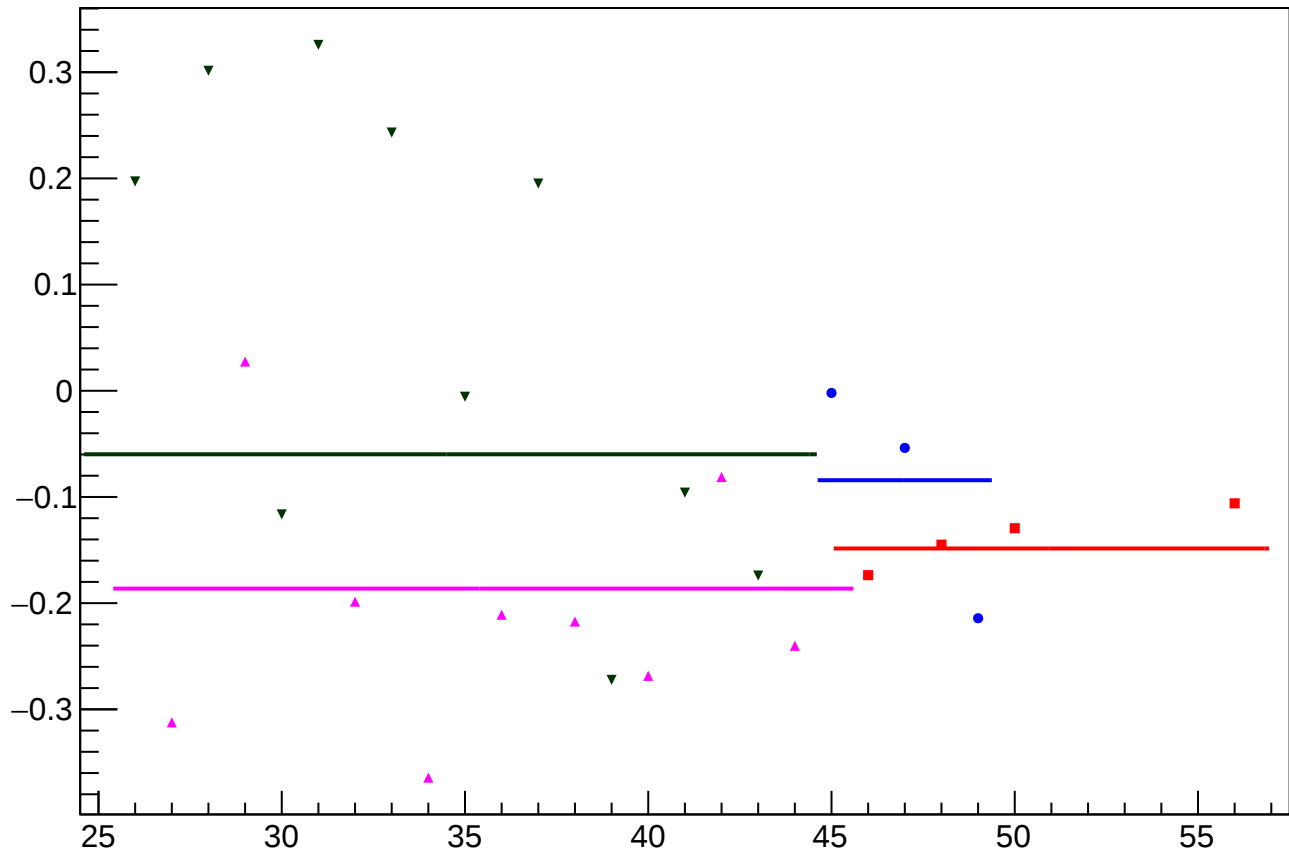
0.000+/-0.000 χ^2/NDF : 2740.0/12

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

0.000+/-0.000 χ^2/NDF : 2757.8/12

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

yield_cav4dY_mean vs slug



Right In: -0.084 ± 0.000 $\chi^2/\text{NDF}: 809085.8/2$

Left Out: -0.060 ± 0.000 $\chi^2/\text{NDF}: 19501975.2/9$

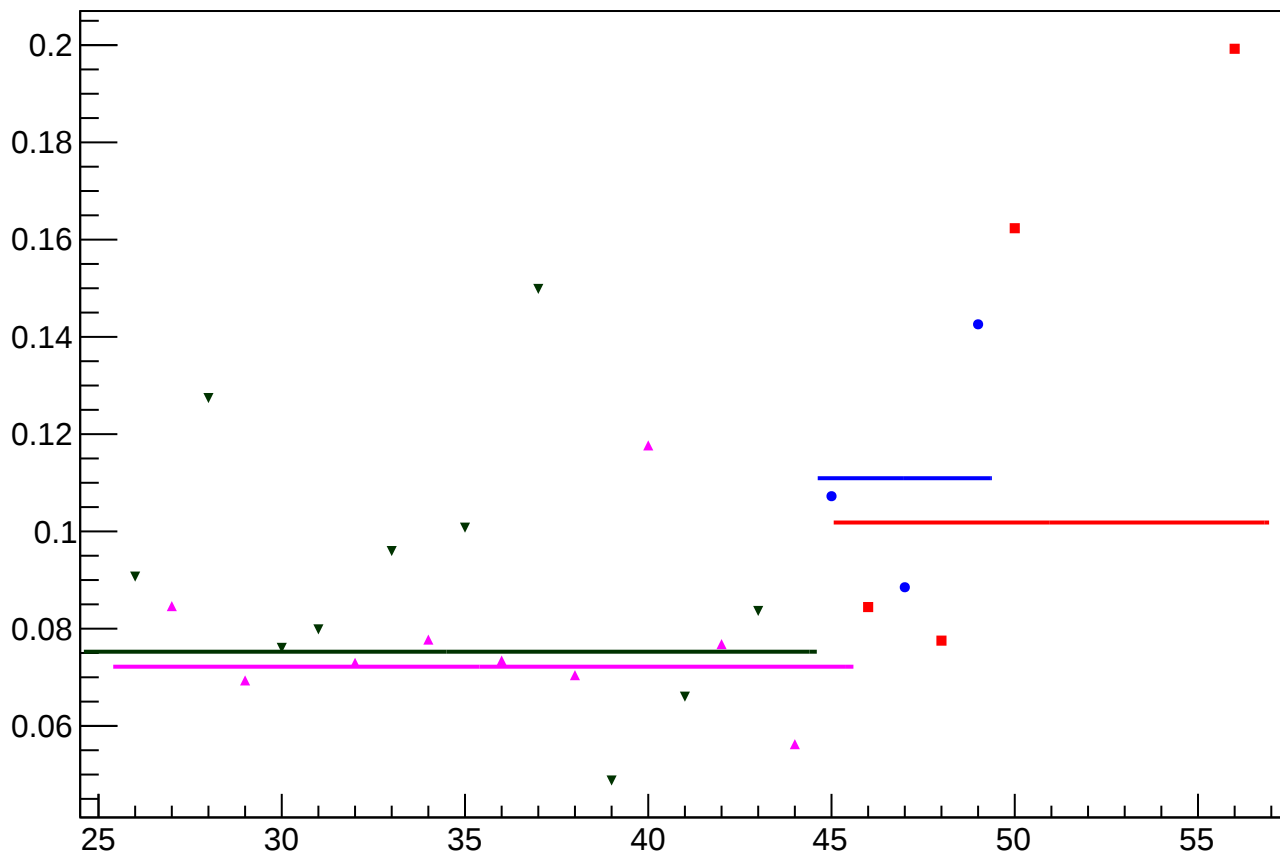
-0.064 ± 0.000 $\chi^2/\text{NDF}: 20362916.7/12$

Right Out: -0.149 ± 0.000 $\chi^2/\text{NDF}: 44190.7/3$

-0.181 ± 0.000 $\chi^2/\text{NDF}: 8535077.9/12$

Left In: -0.186 ± 0.000 $\chi^2/\text{NDF}: 8361135.8/8$

yield_cav4dY_rms vs slug



Right In: 0.111 $\pm$ 0.000 χ^2 /NDF: 103050.9/2

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

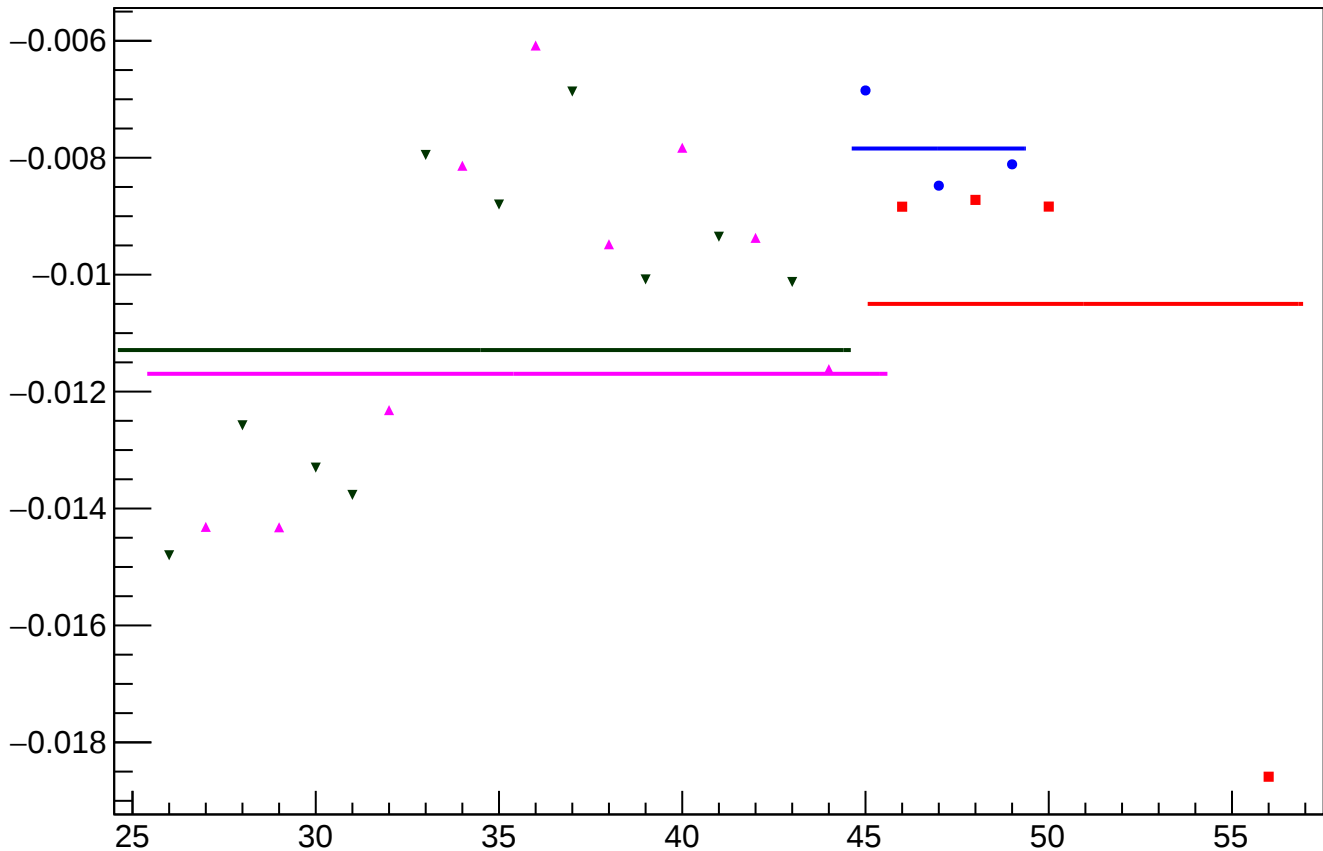
Right Out: 0.102 $\pm$ 0.000 χ^2 /NDF: 360237.7/3

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

0.082 $\pm$ 0.000 χ^2 /NDF: 905110.4/12

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

yield_bpm4aX_mean vs slug



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

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

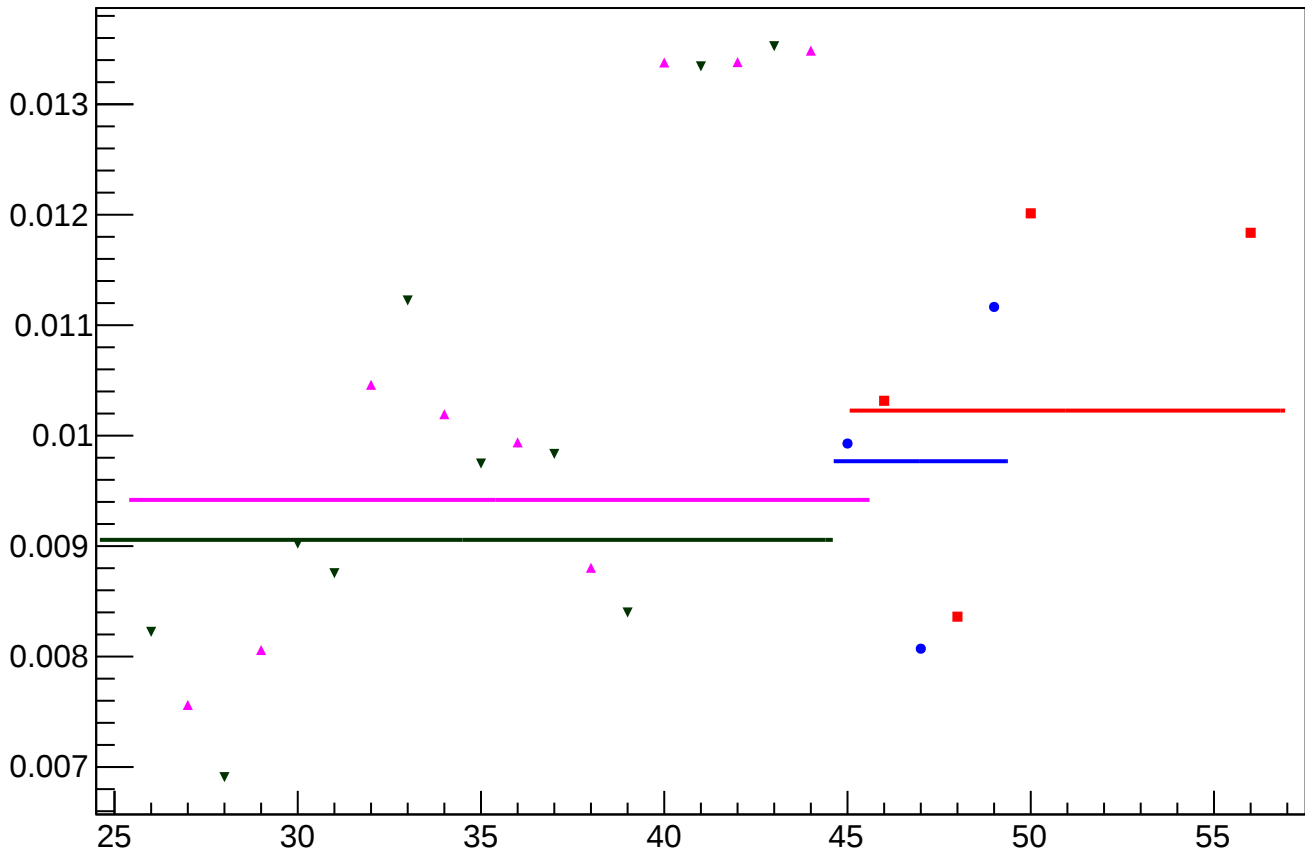
-0.010+/-0.000 χ^2/NDF : 564049.6/12

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

-0.011+/-0.000 χ^2/NDF : 741274.1/12

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

yield_bpm4aX_rms vs slug



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

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

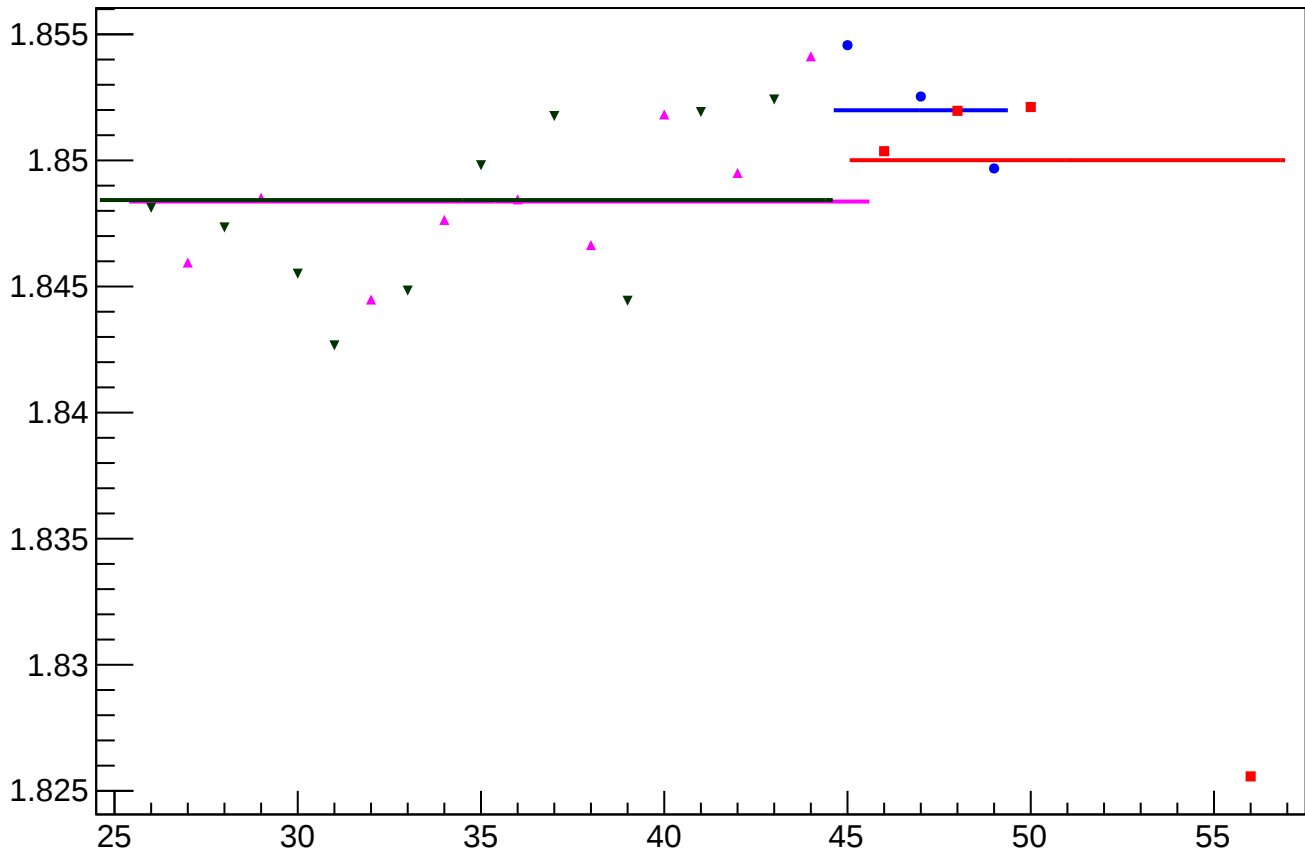
0.009+/-0.000 χ^2/NDF : 496828.1/12

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

0.010+/-0.000 χ^2/NDF : 546833.9/12

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

yield_bpm4aY_mean vs slug



Right In: 1.852 $\pm$ 0.000 χ^2 /NDF: 33530.1/2

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

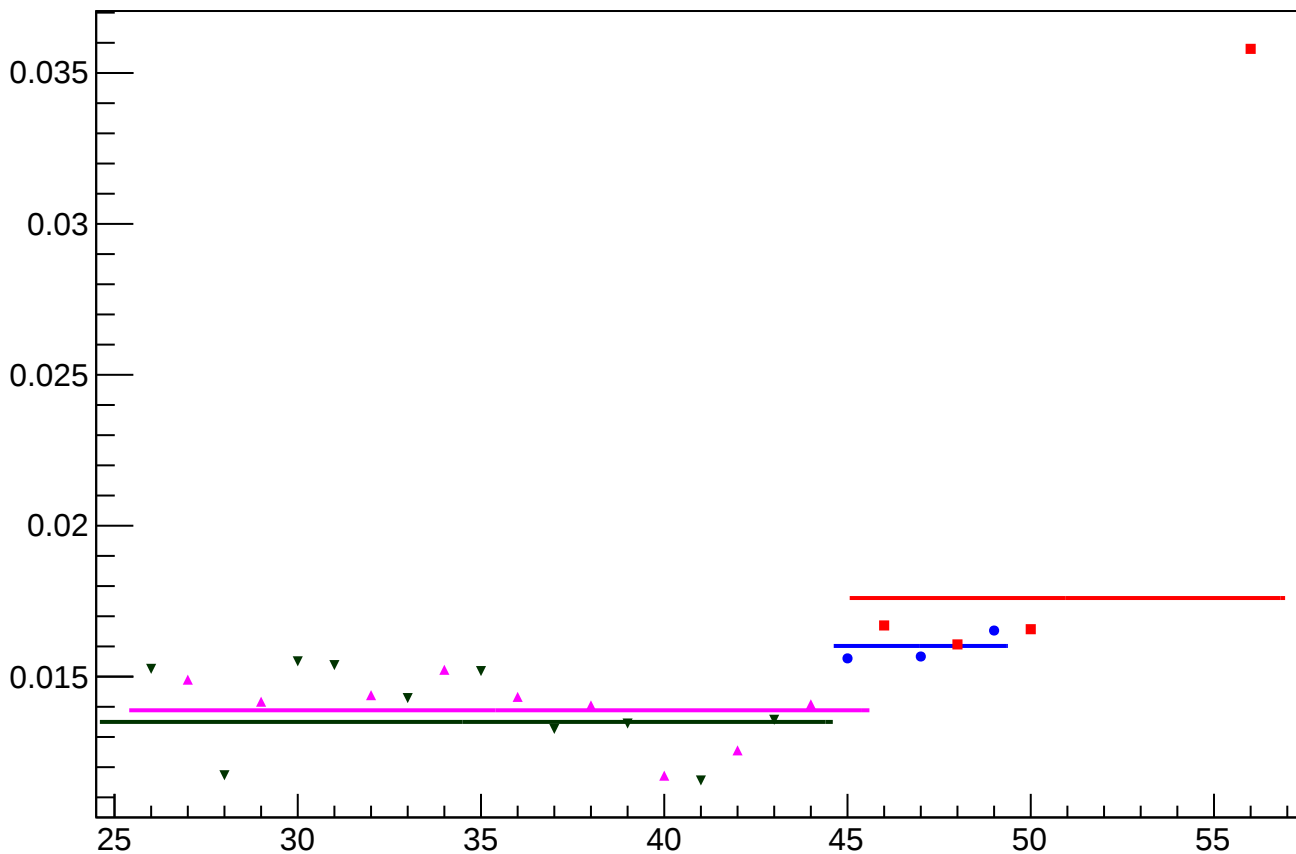
1.849 $\pm$ 0.000 χ^2 /NDF: 378517.8/12

Right Out: 1.850 $\pm$ 0.000 χ^2 /NDF: 207009.6/3

1.849 $\pm$ 0.000 χ^2 /NDF: 445422.4/12

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

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

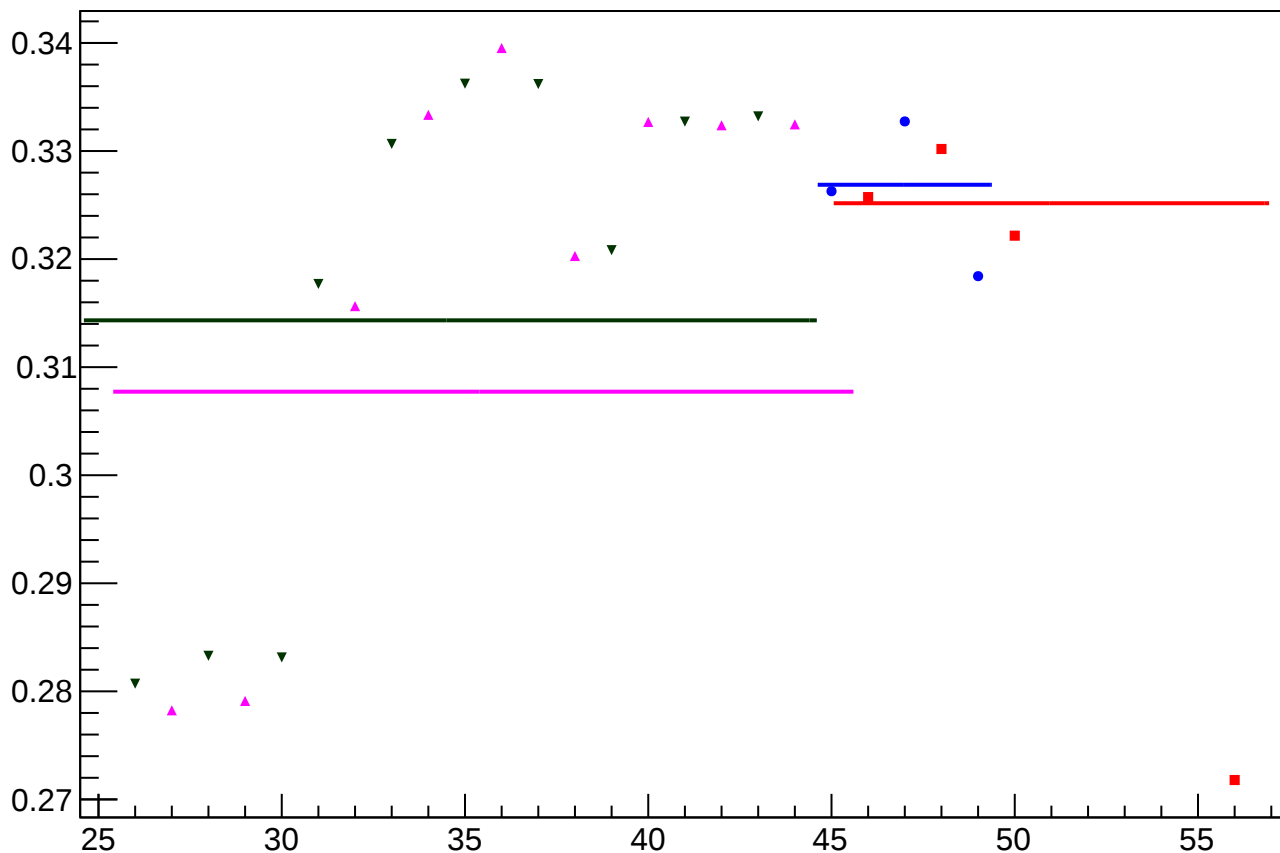
Right Out: 0.018+/-0.000 χ^2/NDF : 227094.2/3

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

0.014+/-0.000 χ^2/NDF : 190547.2/12

0.014+/-0.000 χ^2/NDF : 415226.4/12

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

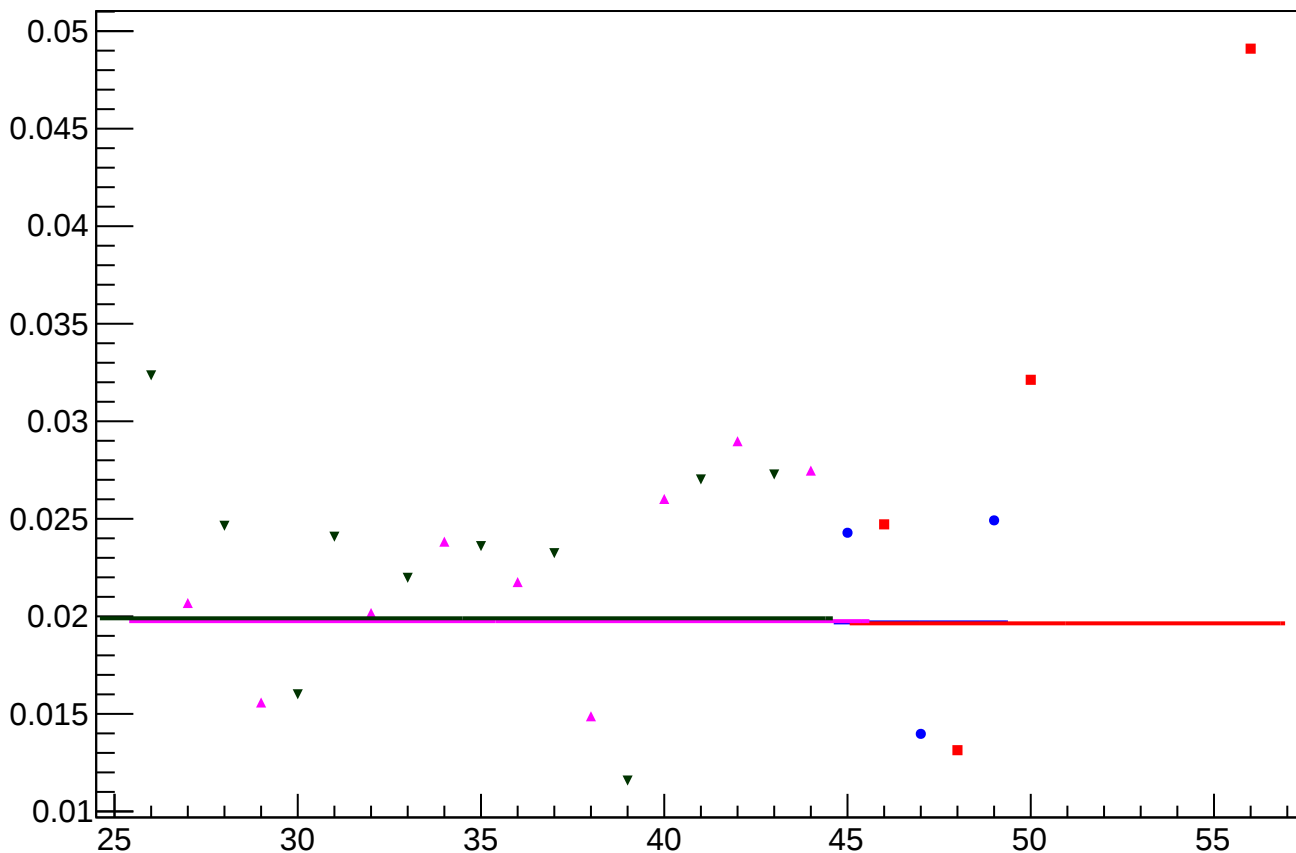
Right Out: 0.325+/-0.000 χ^2/NDF : 616297.8/3

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 : 8846167.8/12

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

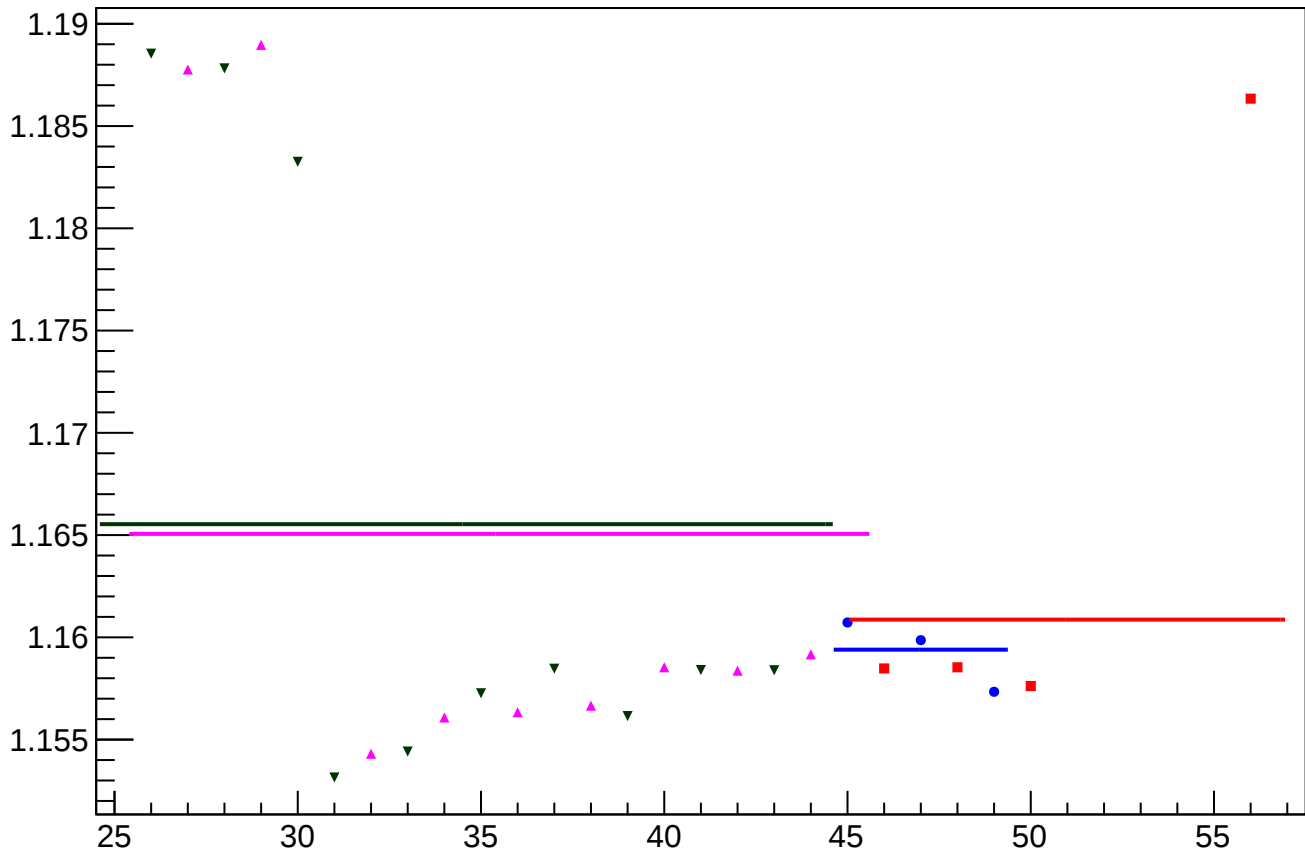
Right Out: 0.020+/-0.000 χ^2/NDF : 713580.0/3

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

0.020+/-0.000 χ^2/NDF : 1124627.5/12

0.020+/-0.000 χ^2/NDF : 1194594.5/12

yield_bpm4eY_mean vs slug



Right In: 1.159 $\pm$ 0.000 χ^2 /NDF: 33785.9/2

Left Out: 1.166 $\pm$ 0.000 χ^2 /NDF:12029920.3/9

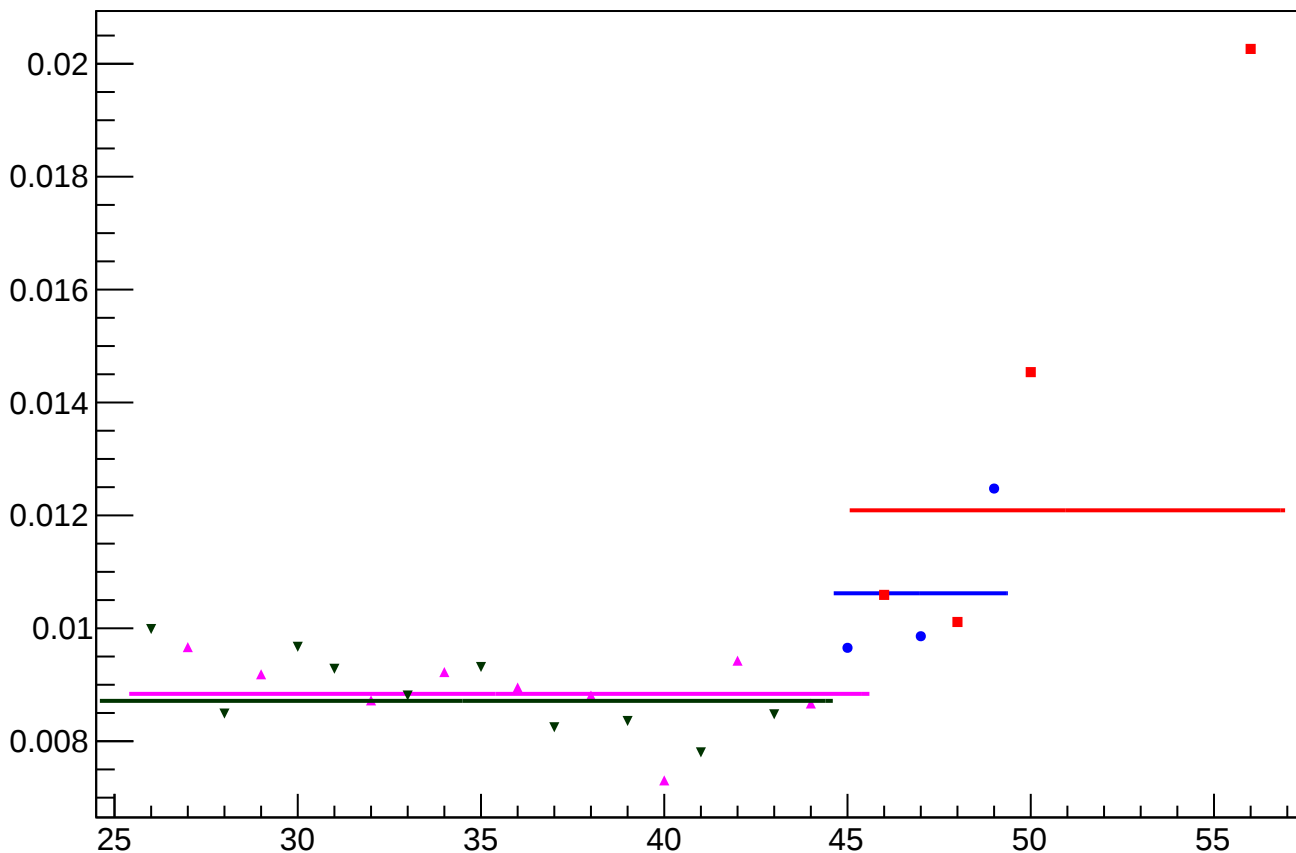
1.164 $\pm$ 0.000 χ^2 /NDF: 12541960.7/12

Right Out: 1.161 $\pm$ 0.000 χ^2 /NDF: 718622.0/3

1.164 $\pm$ 0.000 χ^2 /NDF: 14236397.1/12

Left In: 1.165 $\pm$ 0.000 χ^2 /NDF:13350723.3/8

yield_bpm4eY_rms vs slug



Right In: 0.011 $\pm$ 0.000 χ^2/NDF : 51960.5/2

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

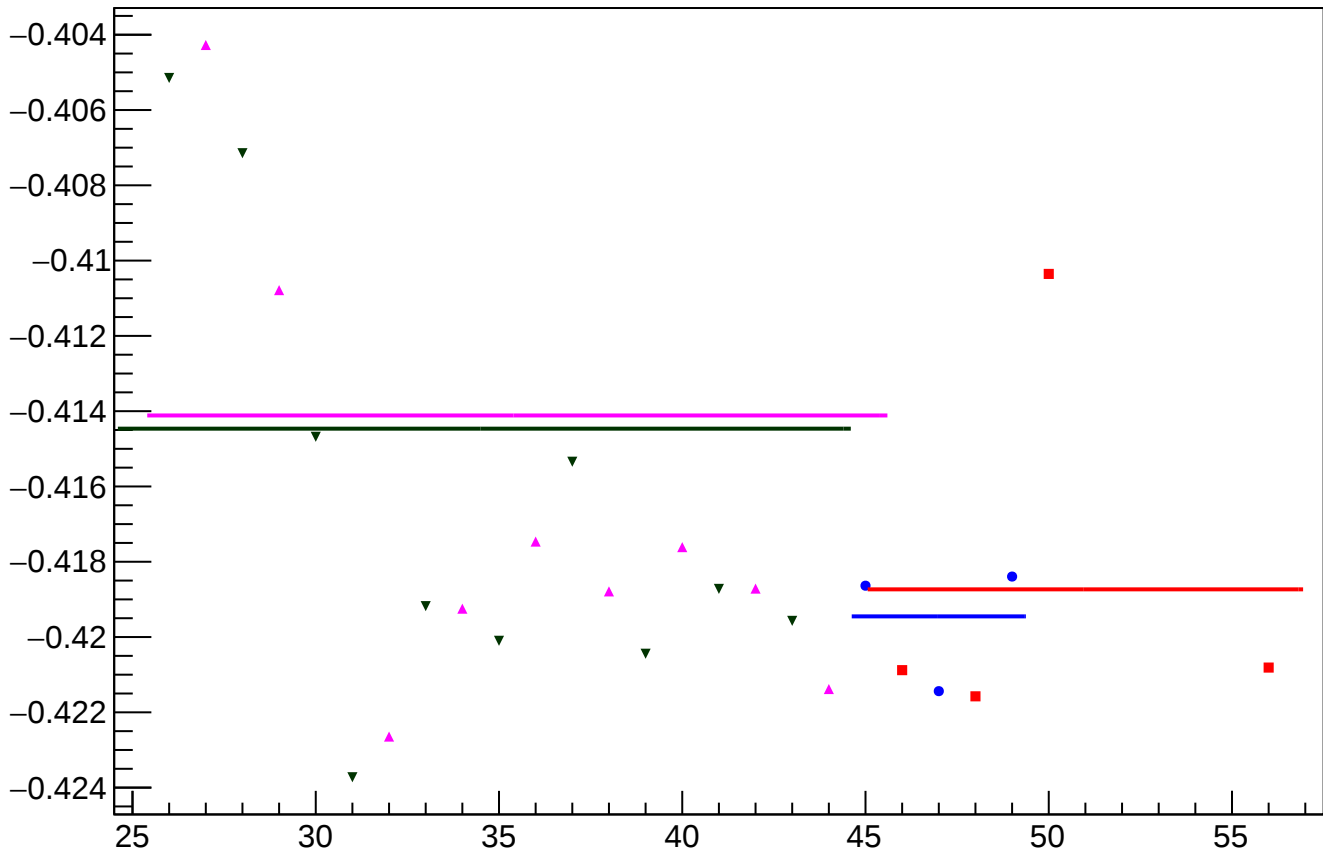
0.009 $\pm$ 0.000 χ^2/NDF : 198161.6/12

Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 209855.8/3

0.009 $\pm$ 0.000 χ^2/NDF : 473603.7/12

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

yield_bpm4acX_mean vs slug



Right In: -0.419 ± 0.000 $\chi^2/\text{NDF}: 36573.3/2$

Left Out: -0.414 ± 0.000 $\chi^2/\text{NDF}: 2317186.9/9$

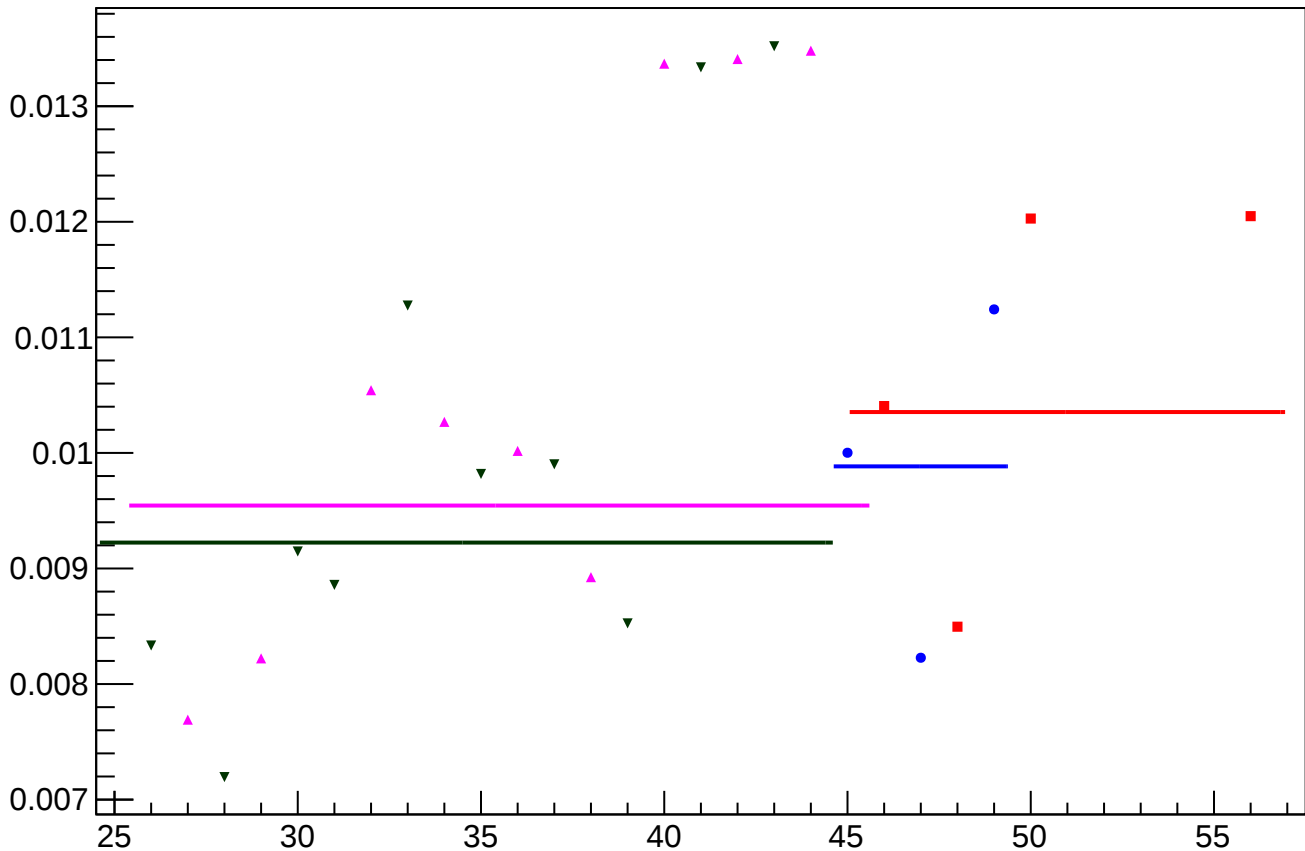
Right Out: -0.419 ± 0.000 $\chi^2/\text{NDF}: 335998.9/3$

Left In: -0.414 ± 0.000 $\chi^2/\text{NDF}: 2652501.7/8$

-0.416 ± 0.000 $\chi^2/\text{NDF}: 2714075.5/12$

-0.415 ± 0.000 $\chi^2/\text{NDF}: 3259089.5/12$

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

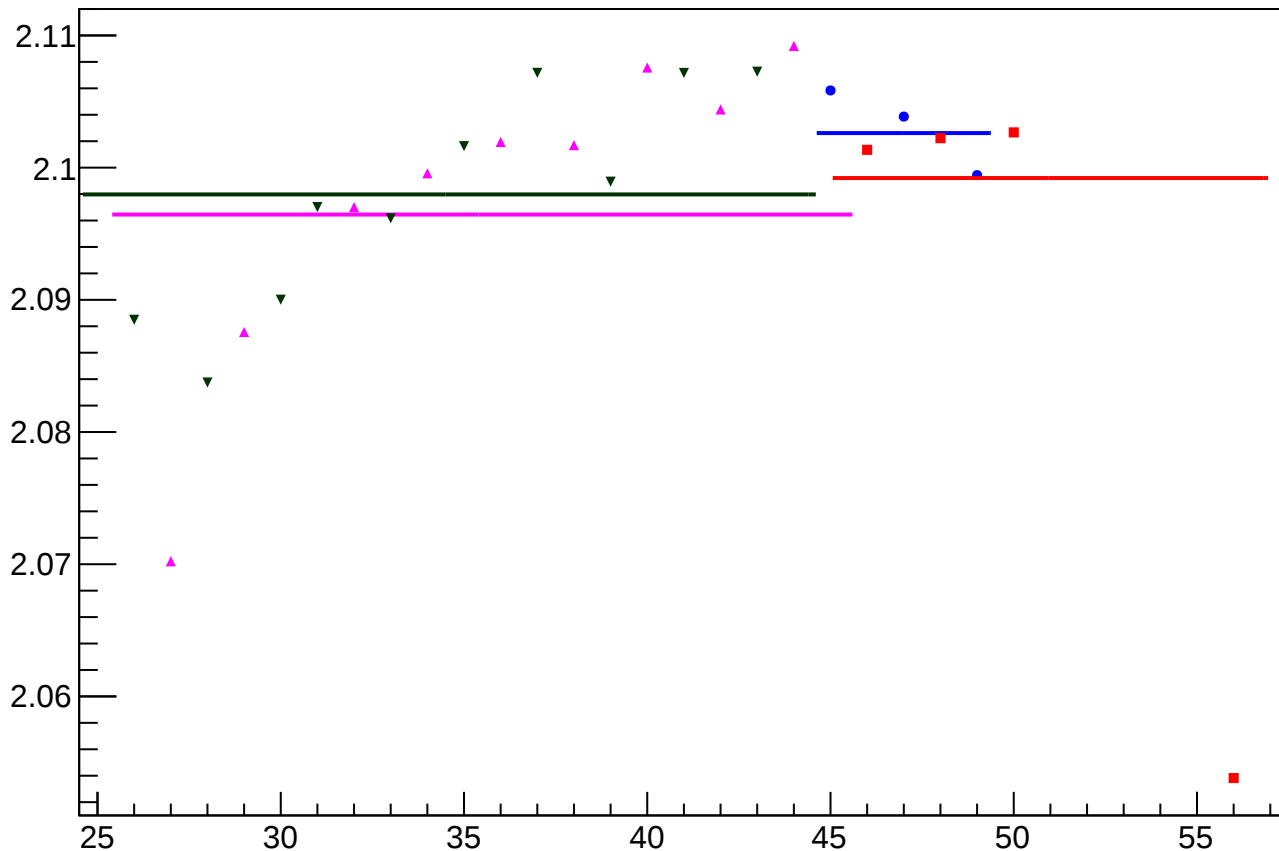
0.009+/-0.000 χ^2/NDF : 445239.9/12

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

0.010+/-0.000 χ^2/NDF : 515894.6/12

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

yield_bpm4acY_mean vs slug



Right In: 2.103 $\pm$ 0.000 χ^2 /NDF: 58733.2/2

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

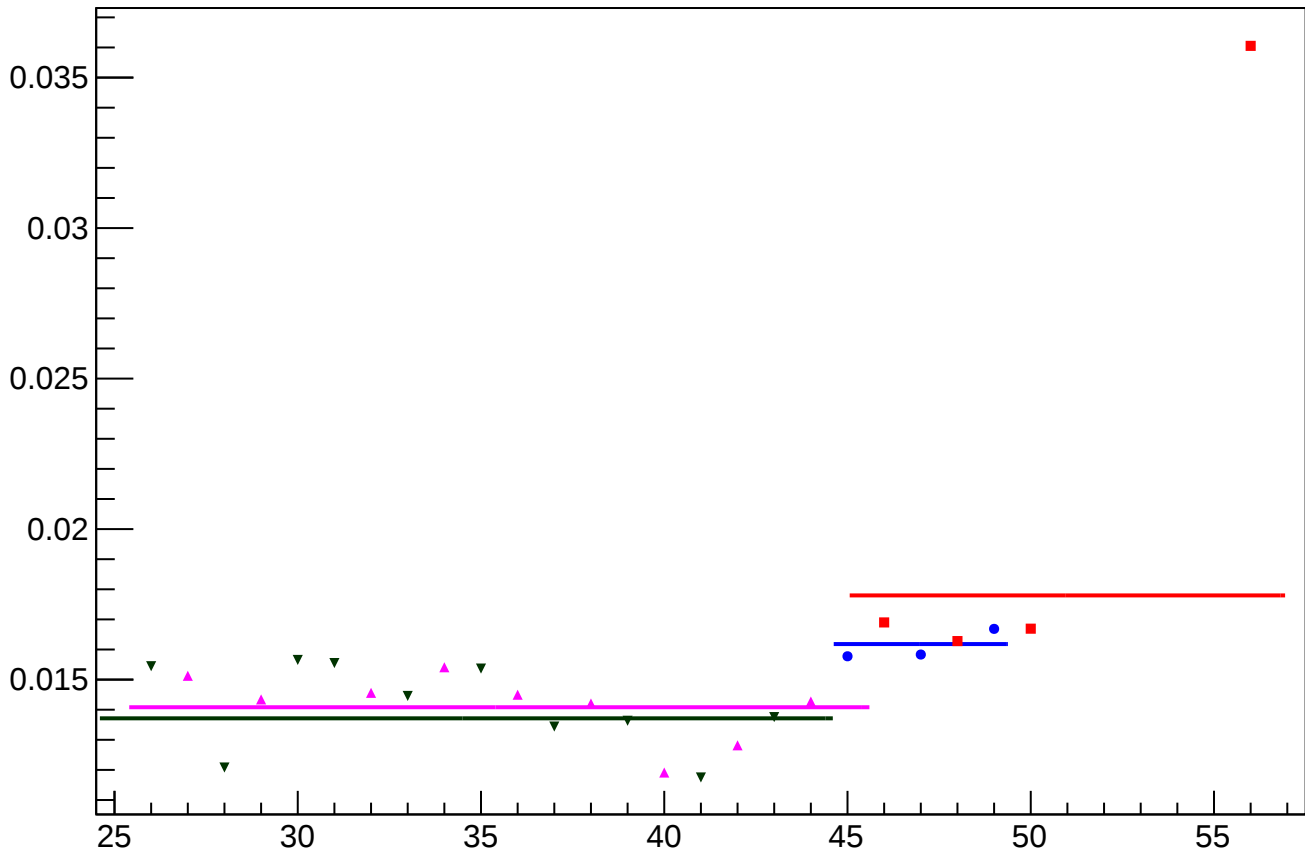
2.099 $\pm$ 0.000 χ^2 /NDF: 2153803.1/12

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

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

Left In: 2.096 $\pm$ 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

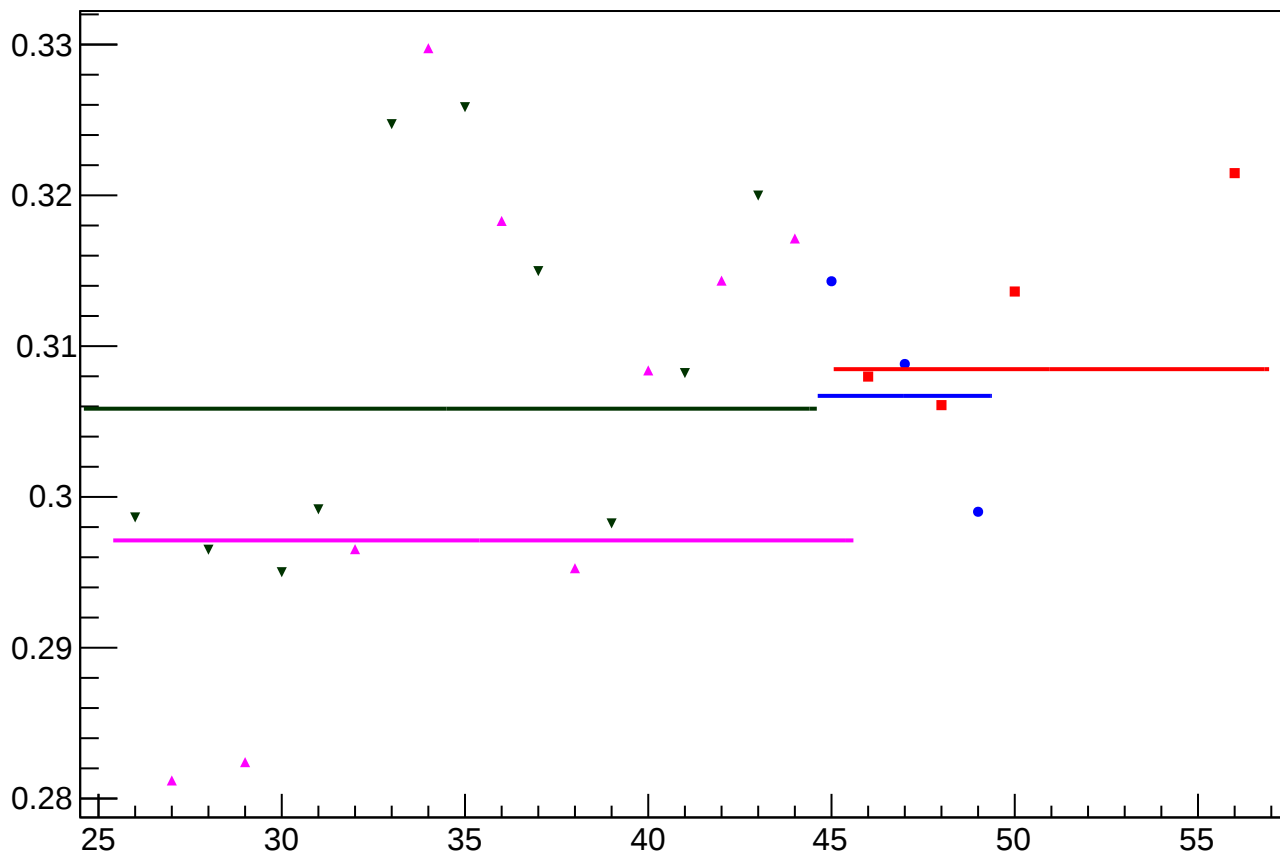
0.014+/-0.000 χ^2/NDF : 176931.9/12

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

0.015+/-0.000 χ^2/NDF : 407151.4/12

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

yield_bpm4ecX_mean vs slug



Right In: 0.307+/-0.000 χ^2/NDF : 154385.1/2

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

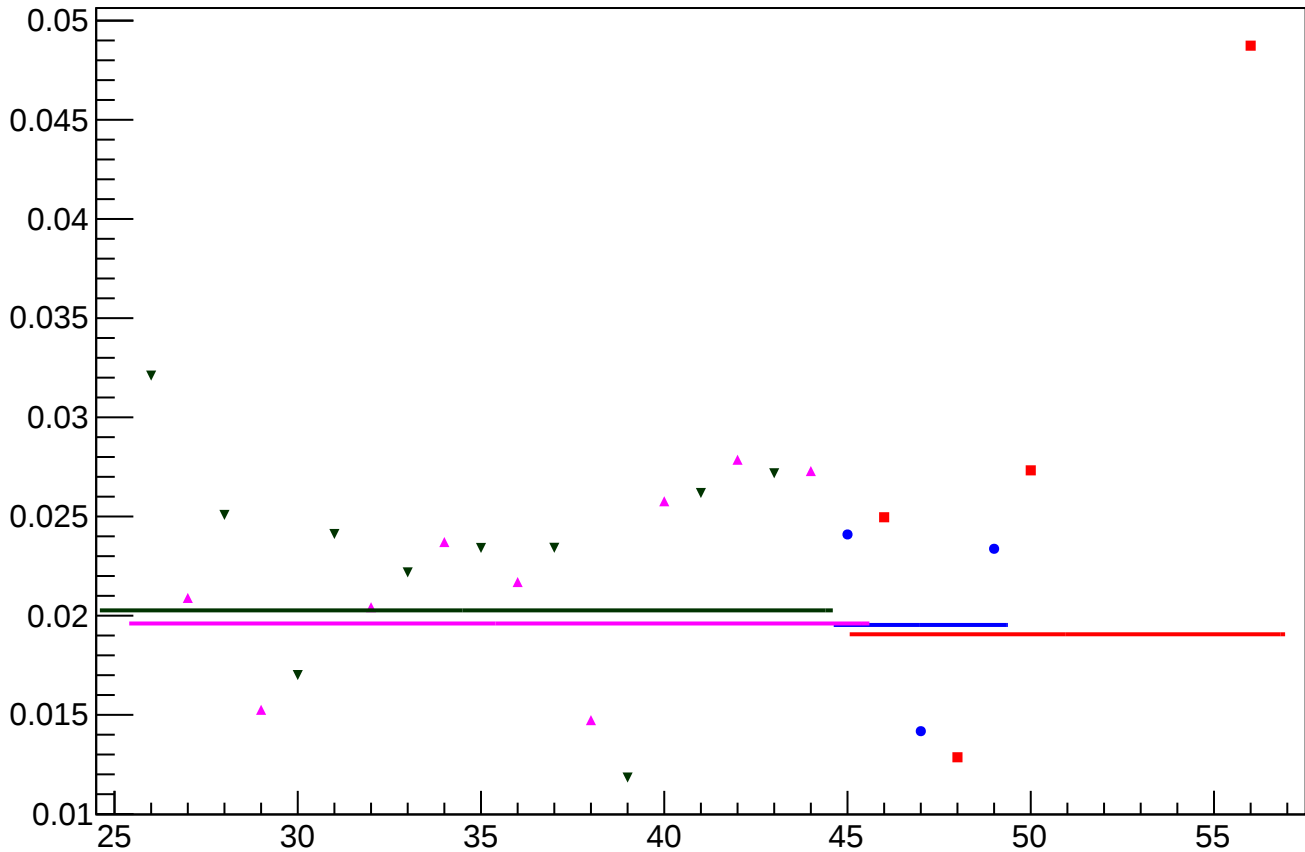
Right Out: 0.308+/-0.000 χ^2/NDF : 65208.3/3

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

0.306+/-0.000 χ^2/NDF : 1600865.2/12

0.300+/-0.000 χ^2/NDF : 3566485.4/12

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

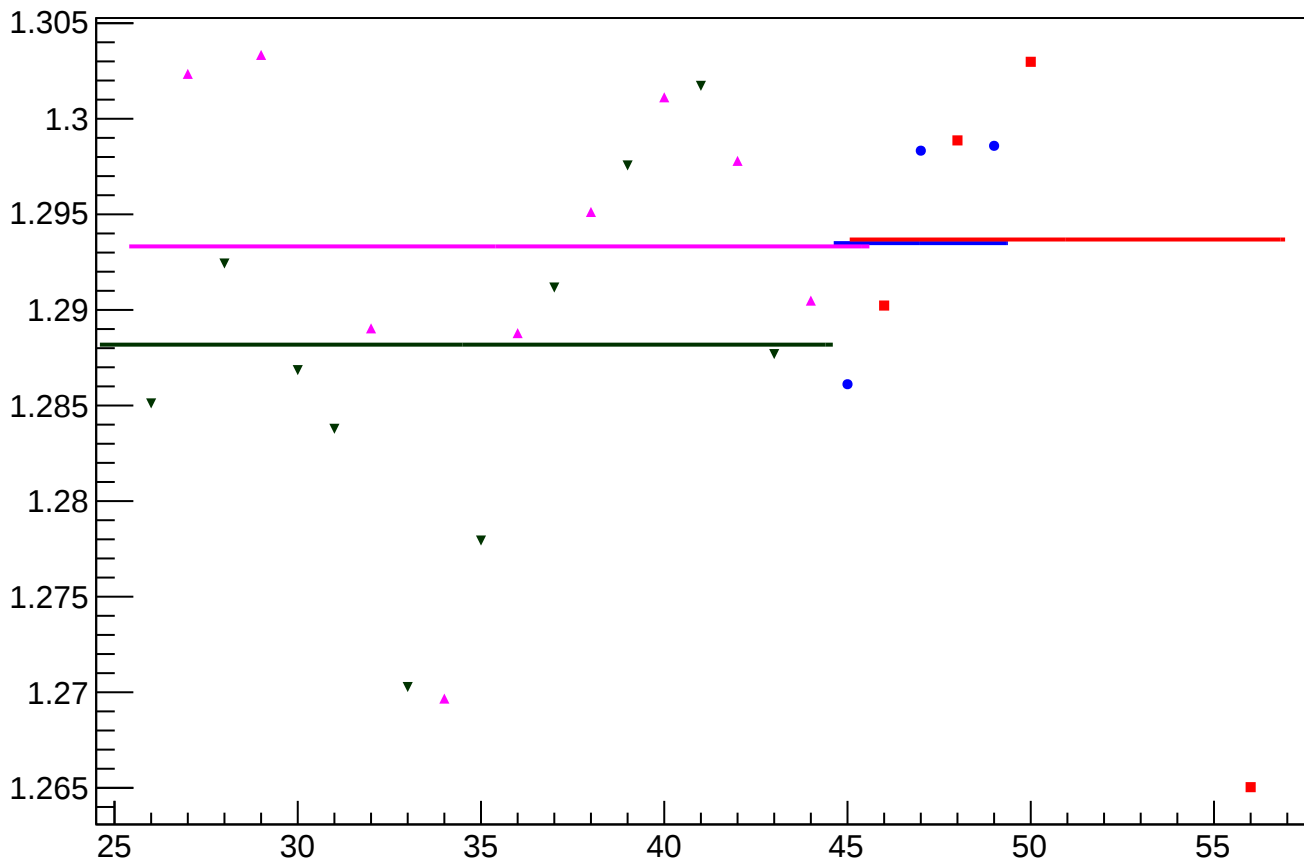
Right Out: 0.019+/-0.000 χ^2/NDF : 667559.9/3

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

0.020+/-0.000 χ^2/NDF : 1004663.4/12

0.019+/-0.000 χ^2/NDF : 1161701.3/12

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

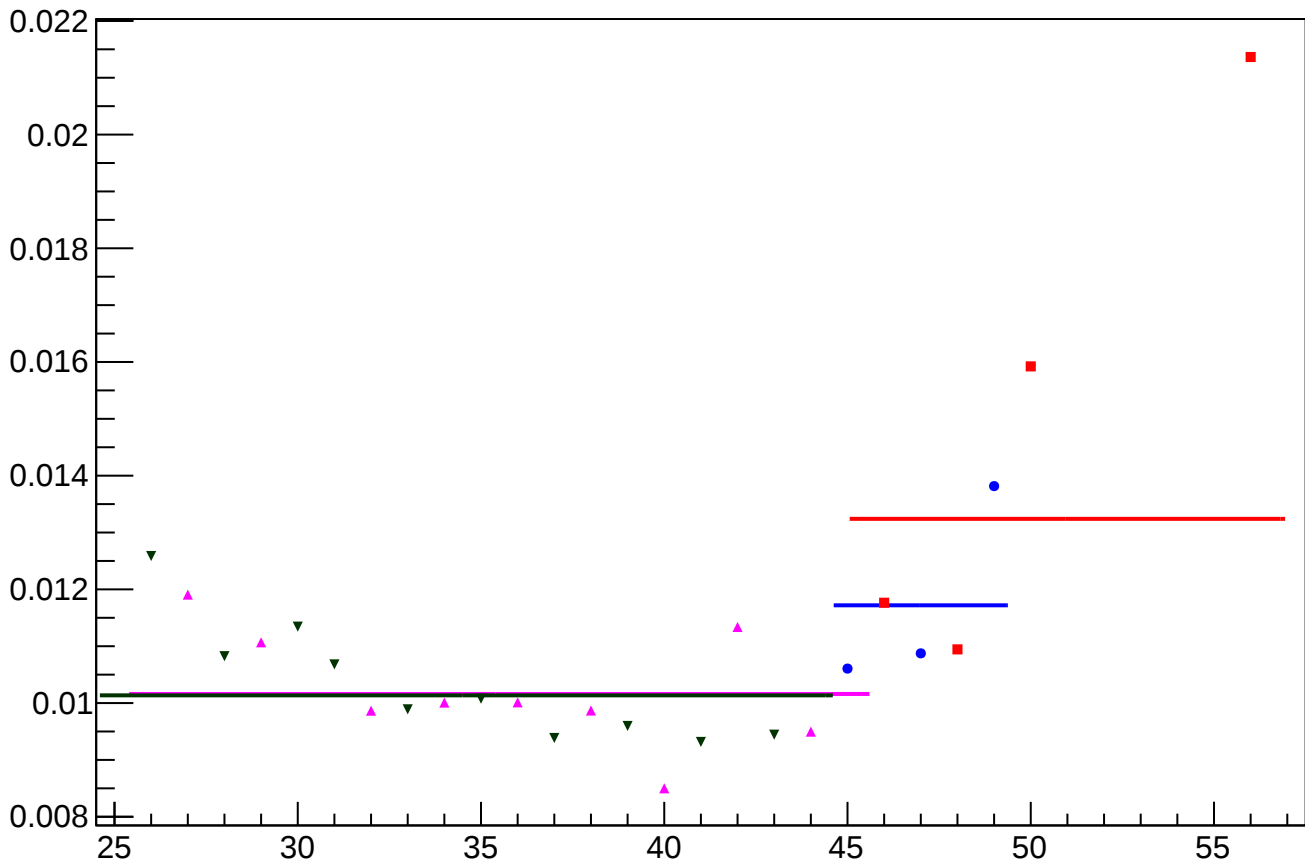
1.289+/-0.000 χ^2/NDF : 4744370.3/12

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

1.293+/-0.000 χ^2/NDF : 5726167.6/12

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

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

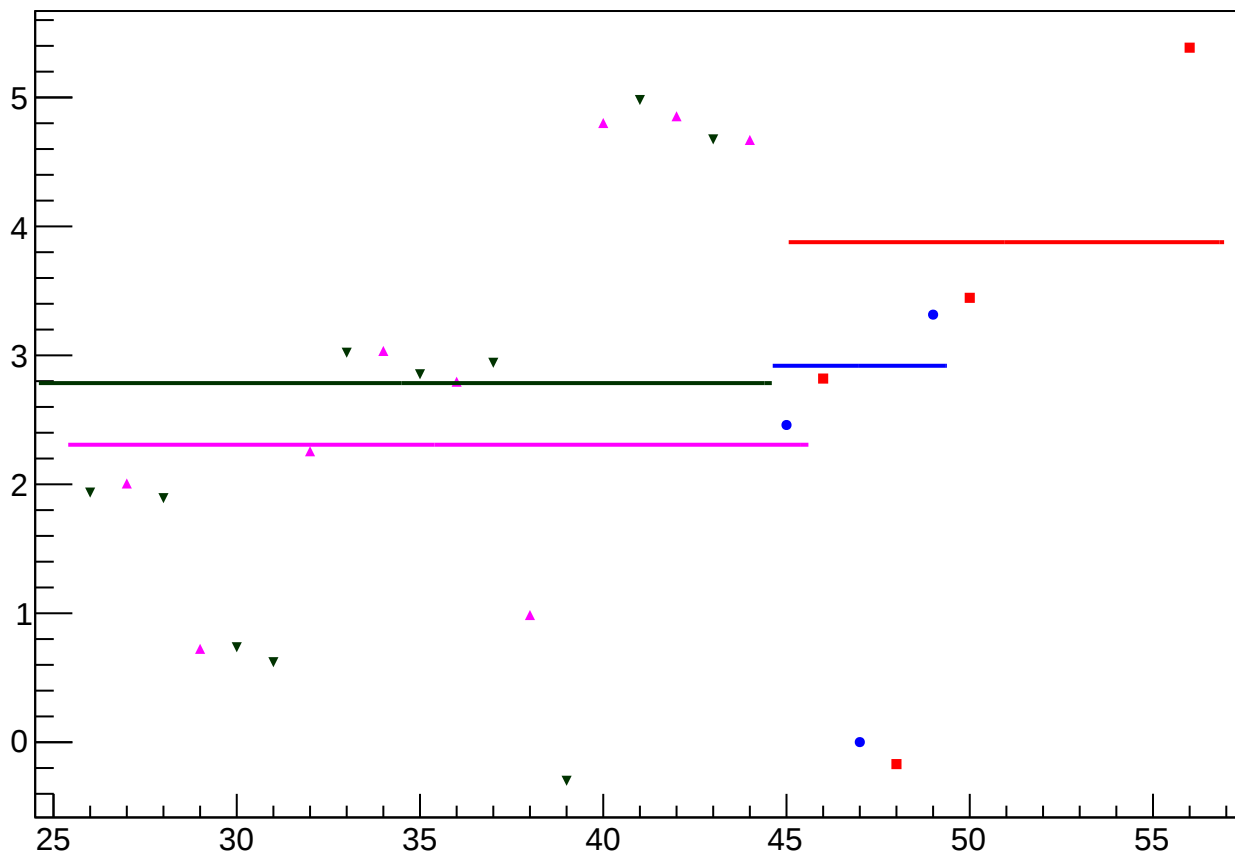
0.010 $\pm$ 0.000 χ^2 /NDF: 184239.4/12

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

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

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

yield_bpm1X_mean vs slug



Right In: 2.919+/-0.000 χ^2/NDF : 190795144.6/2

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

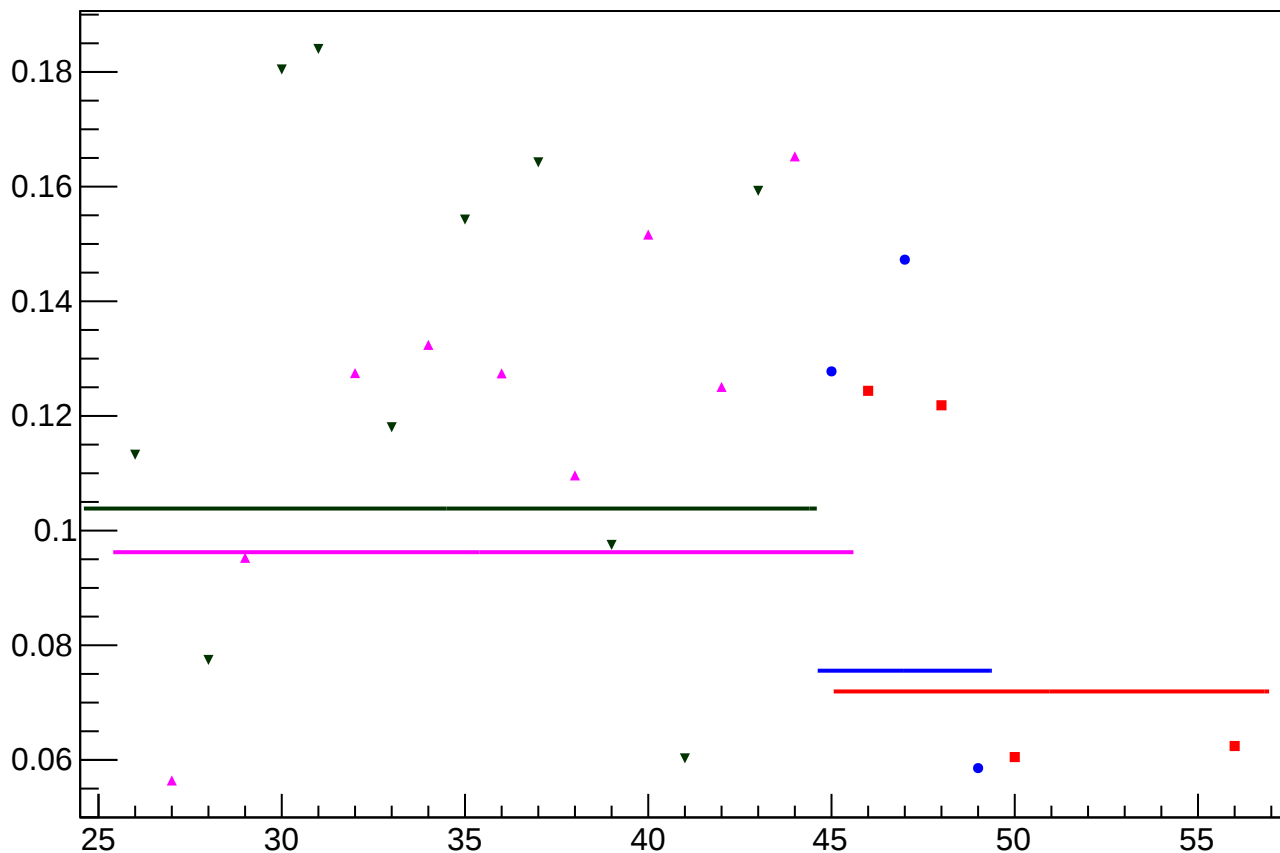
Right Out: 3.878+/-0.000 χ^2/NDF : 690469027.4/3

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

2.840+/-0.000 χ^2/NDF : 1130582796.6/12

2.907+/-0.000 χ^2/NDF : 1719046426.9/12

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

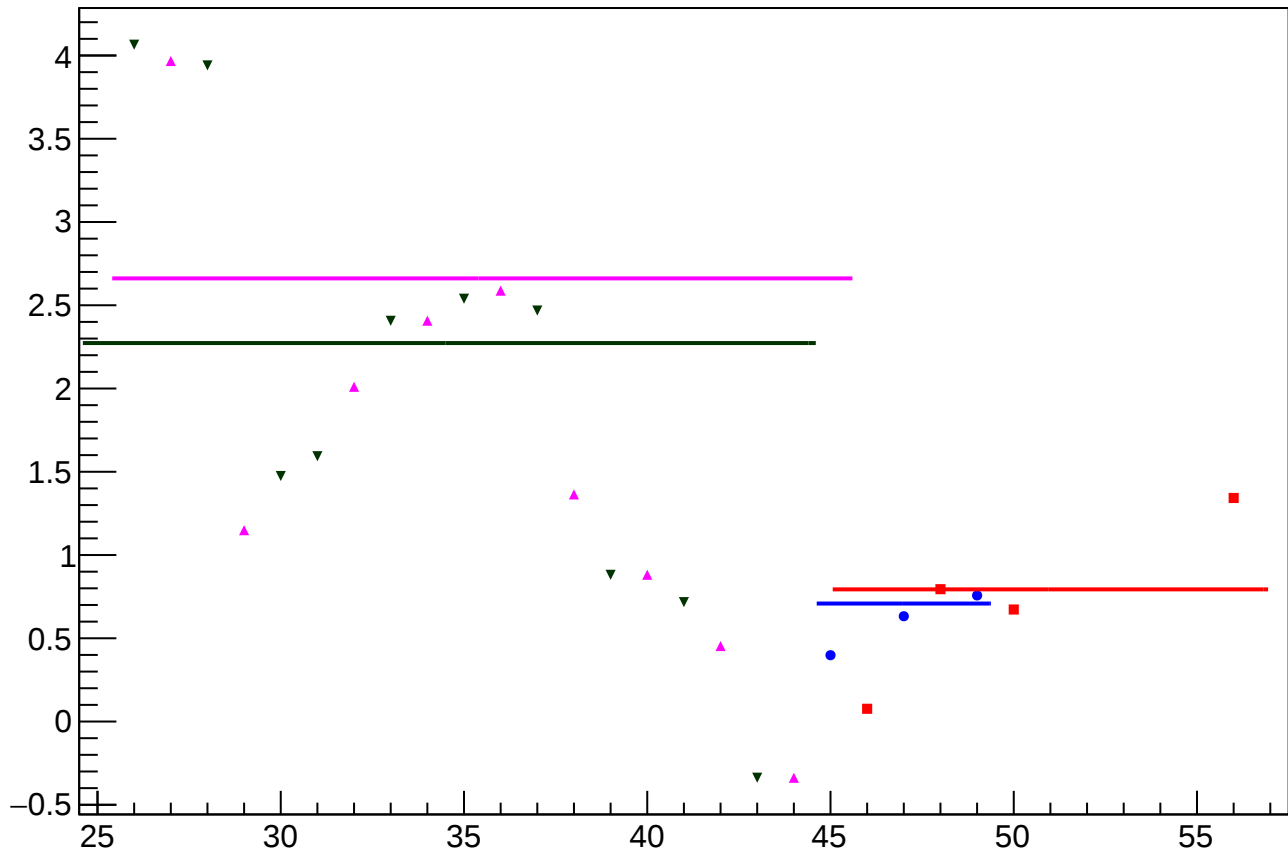
Right Out: 0.072+/-0.000 χ^2/NDF : 274643.4/3

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

0.092+/-0.000 χ^2/NDF : 1731899.6/12

0.087+/-0.000 χ^2/NDF : 1526487.5/12

yield_bpm1Y_mean vs slug



Right In: 0.709 $\pm$ 0.000 χ^2 /NDF: 5934861.1/2

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

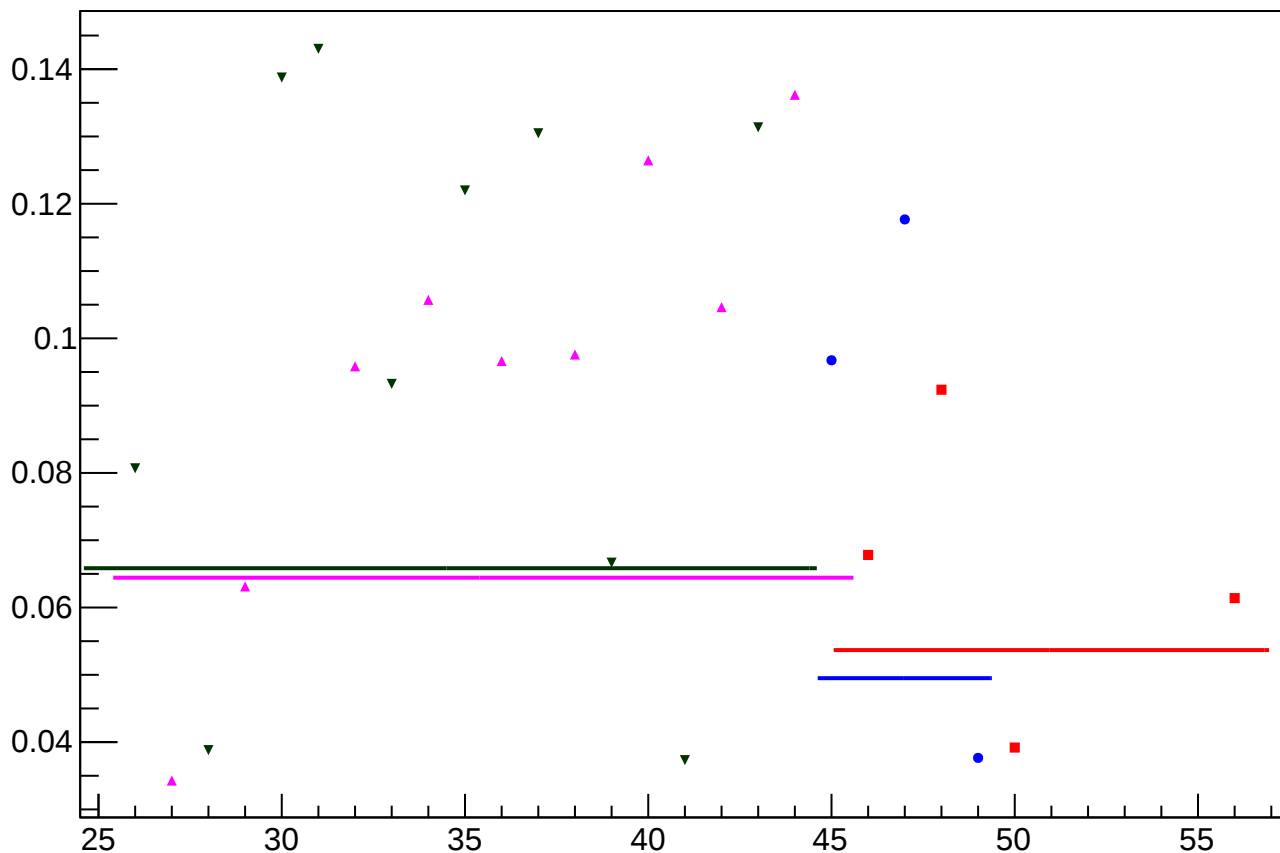
1.638 $\pm$ 0.000 χ^2 /NDF: 2119235300.7/12

Right Out: 0.794 $\pm$ 0.000 χ^2 /NDF: 61552268.7/3

2.026 $\pm$ 0.000 χ^2 /NDF: 2603025036.0/12

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

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

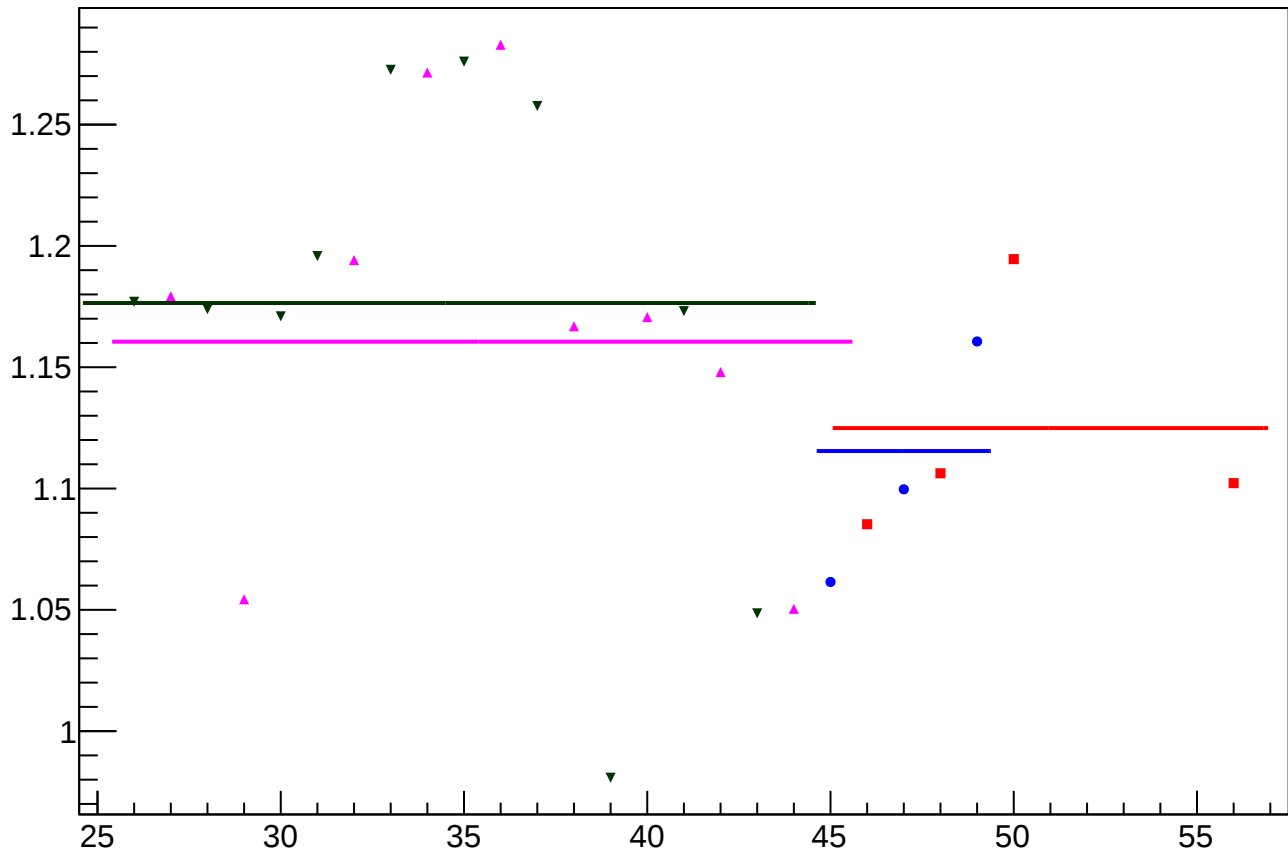
Right Out: 0.054+/-0.000 χ^2/NDF : 248774.8/3

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

0.059+/-0.000 χ^2/NDF : 2518724.5/12

0.061+/-0.000 χ^2/NDF : 2116158.8/12

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

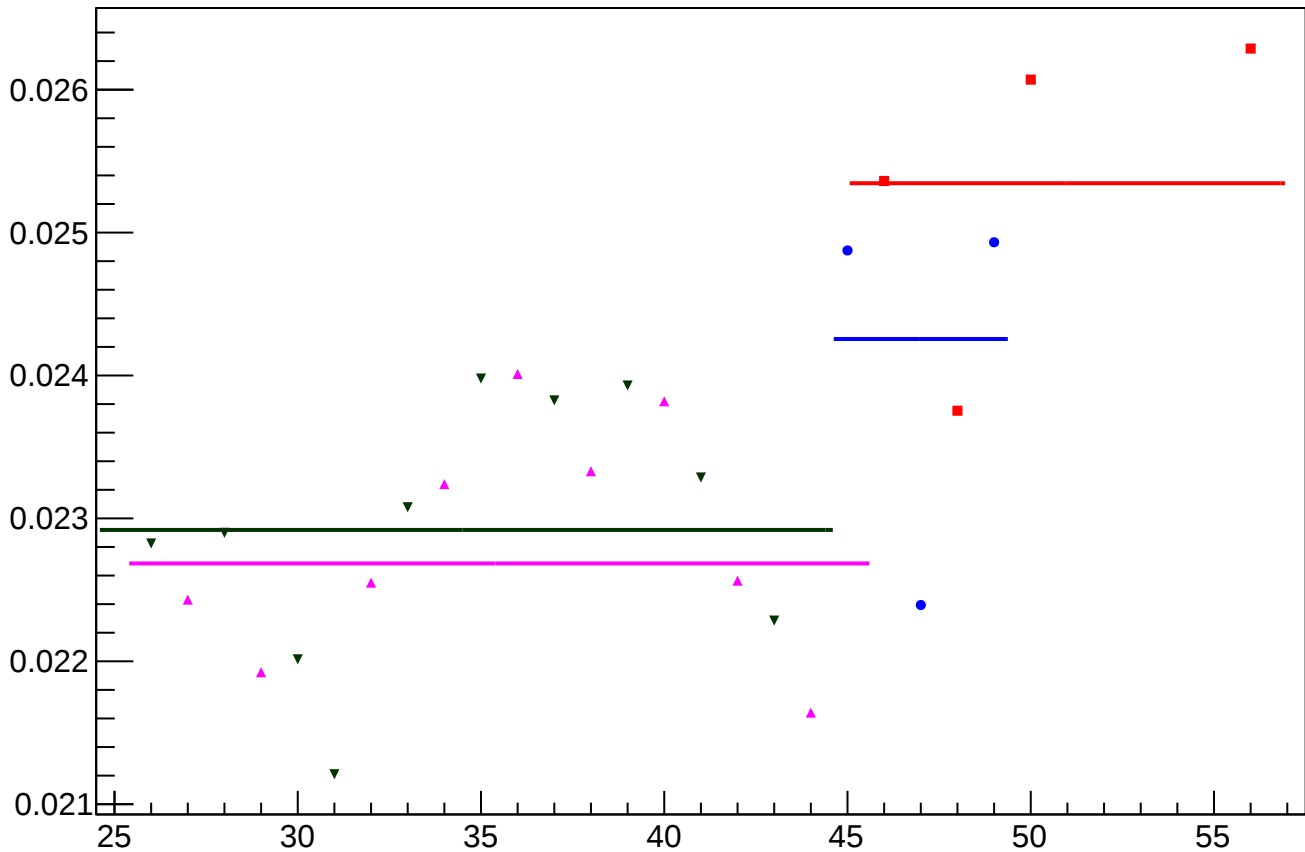
1.161+/-0.000 χ^2/NDF : 80922118.1/12

Right Out: 1.125+/-0.000 χ^2/NDF : 5176570.7/3

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

1.153+/-0.000 χ^2/NDF : 65967392.5/12

yield_bpm11X_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 7872.9/2

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

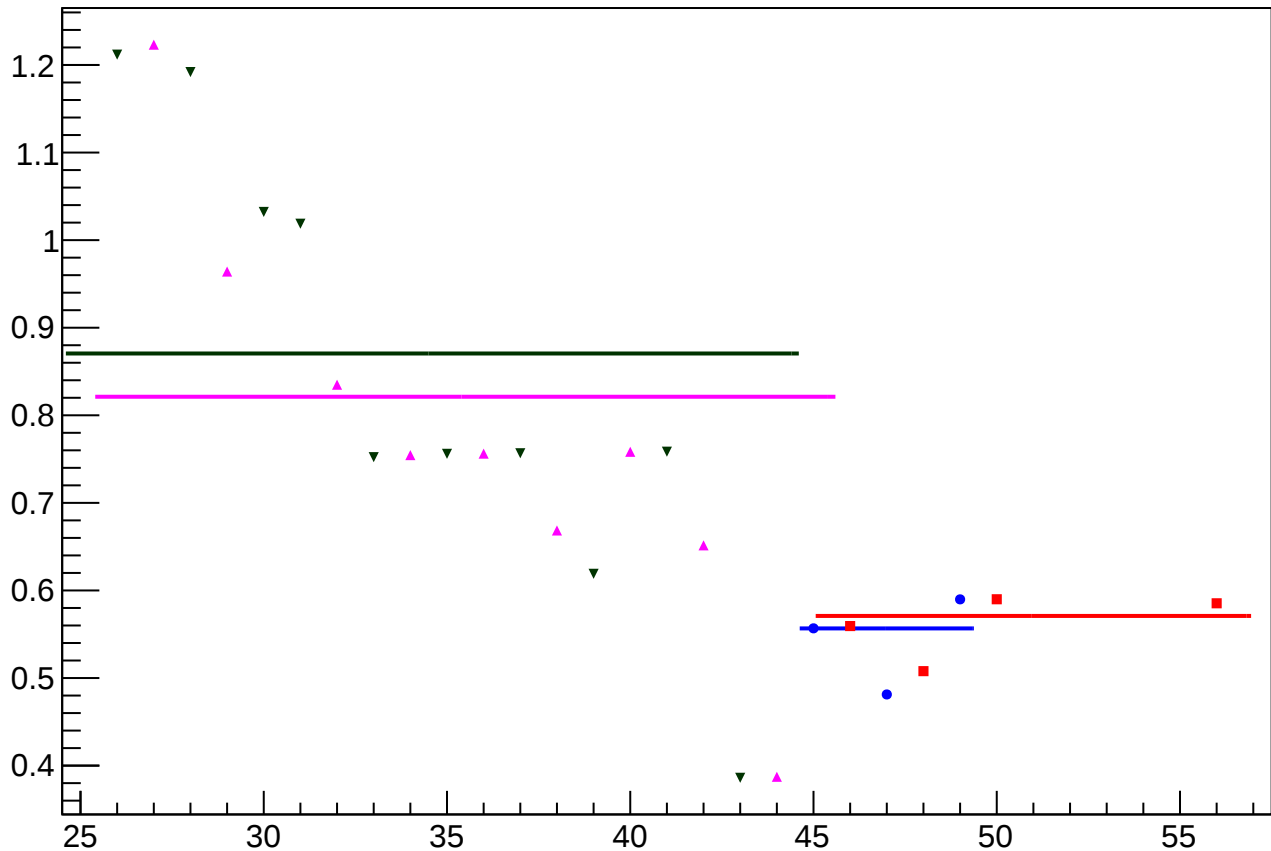
0.023+/-0.000 χ^2/NDF : 28954.3/12

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

0.023+/-0.000 χ^2/NDF : 47762.9/12

Left In: 0.023+/-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

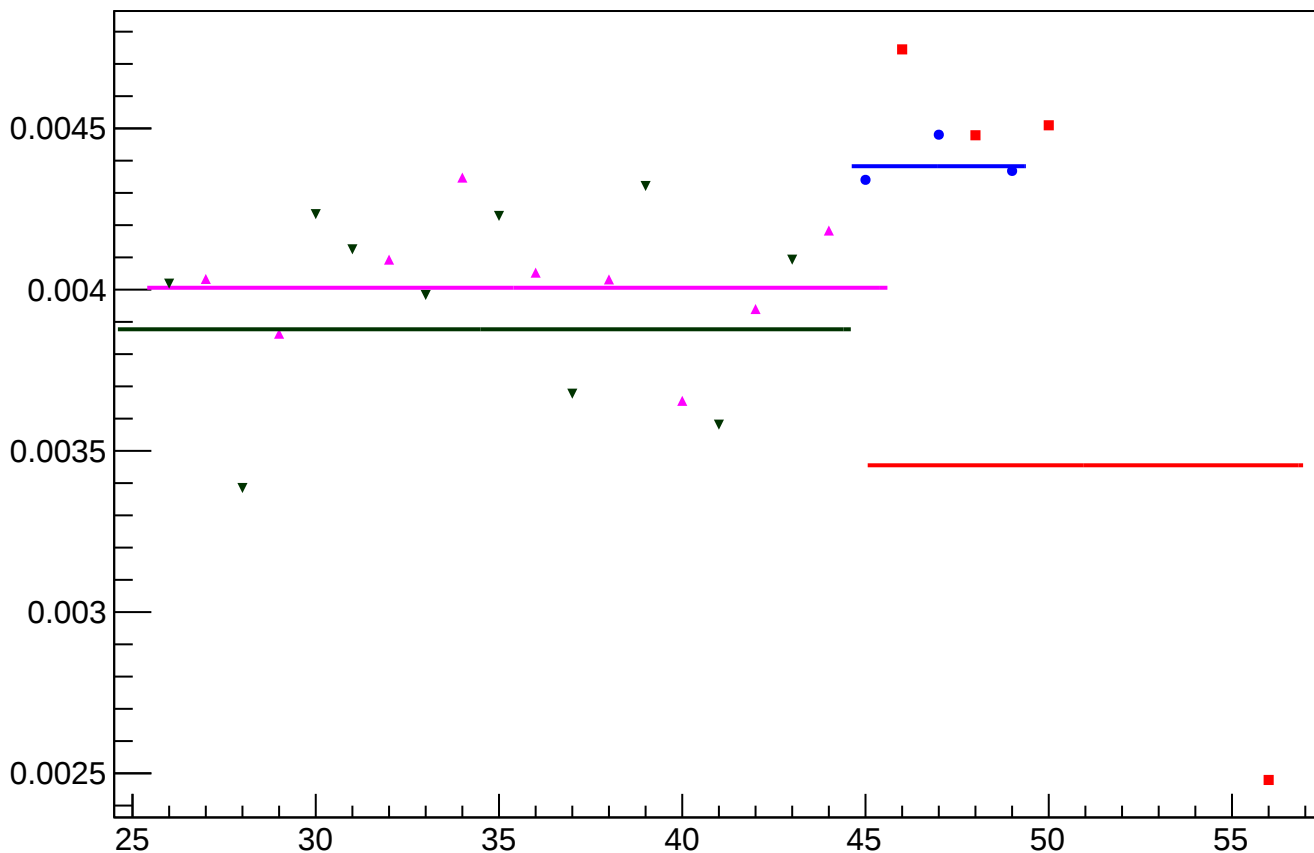
0.796+/-0.000 χ^2/NDF : 27453167308.6/12

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

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

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

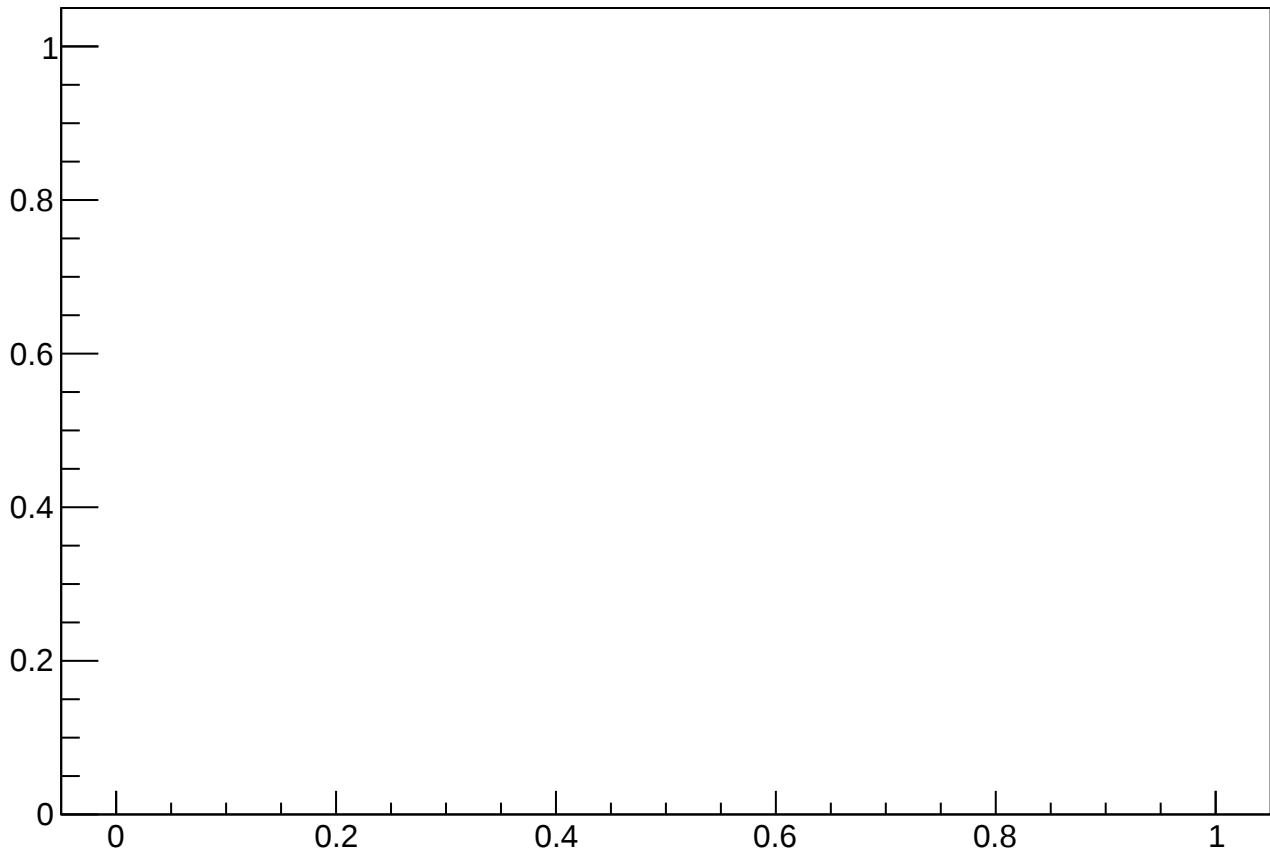
Right Out: 0.003+/-0.000 χ^2/NDF : 305655.4/3

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 : 386405.7/12

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

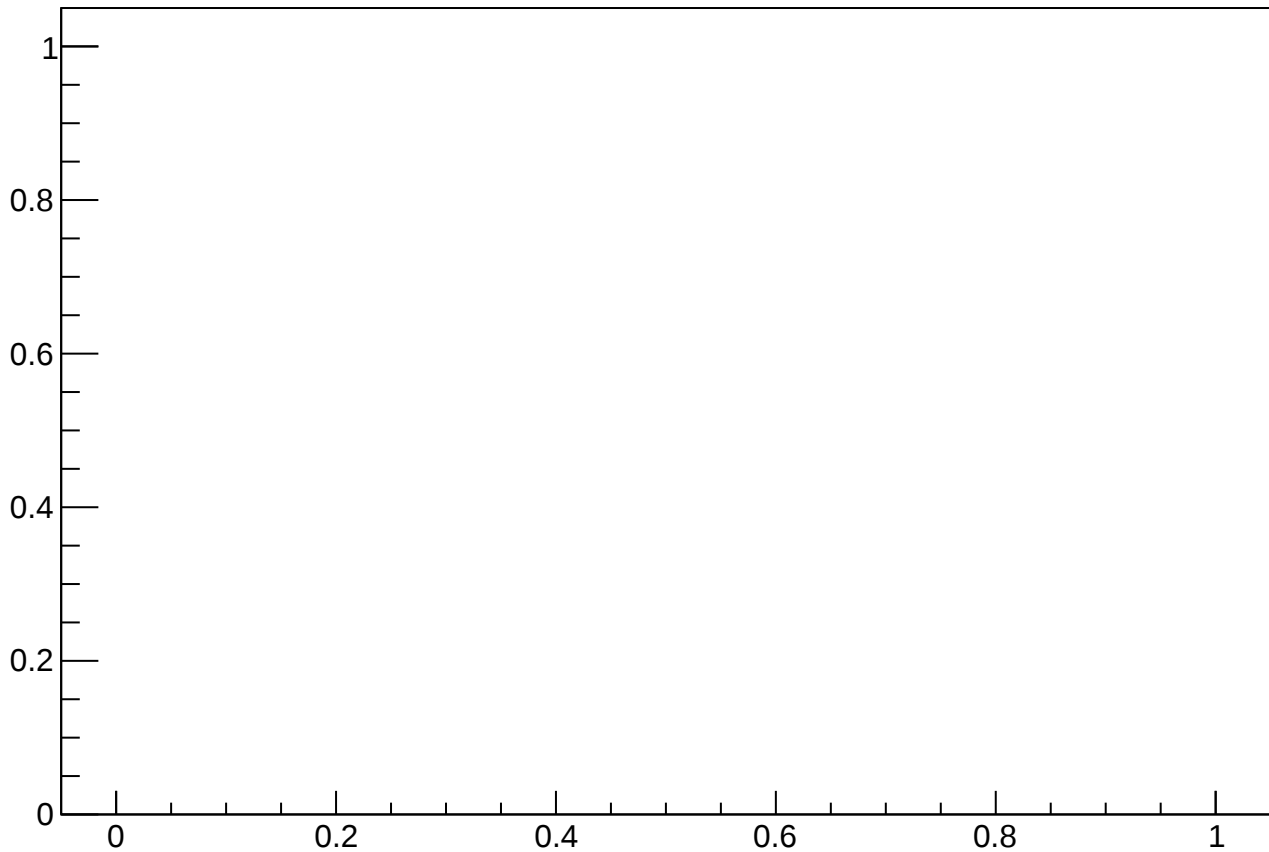
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

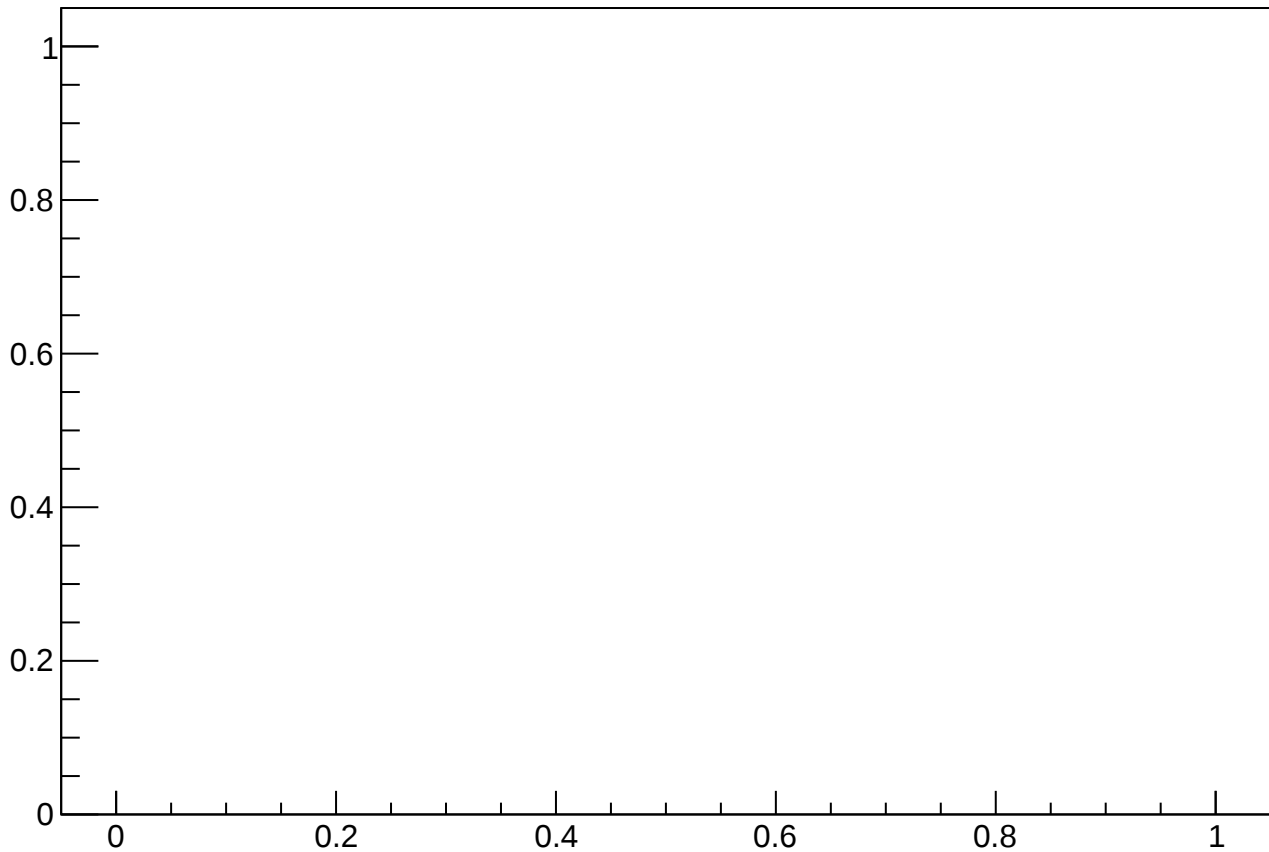
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

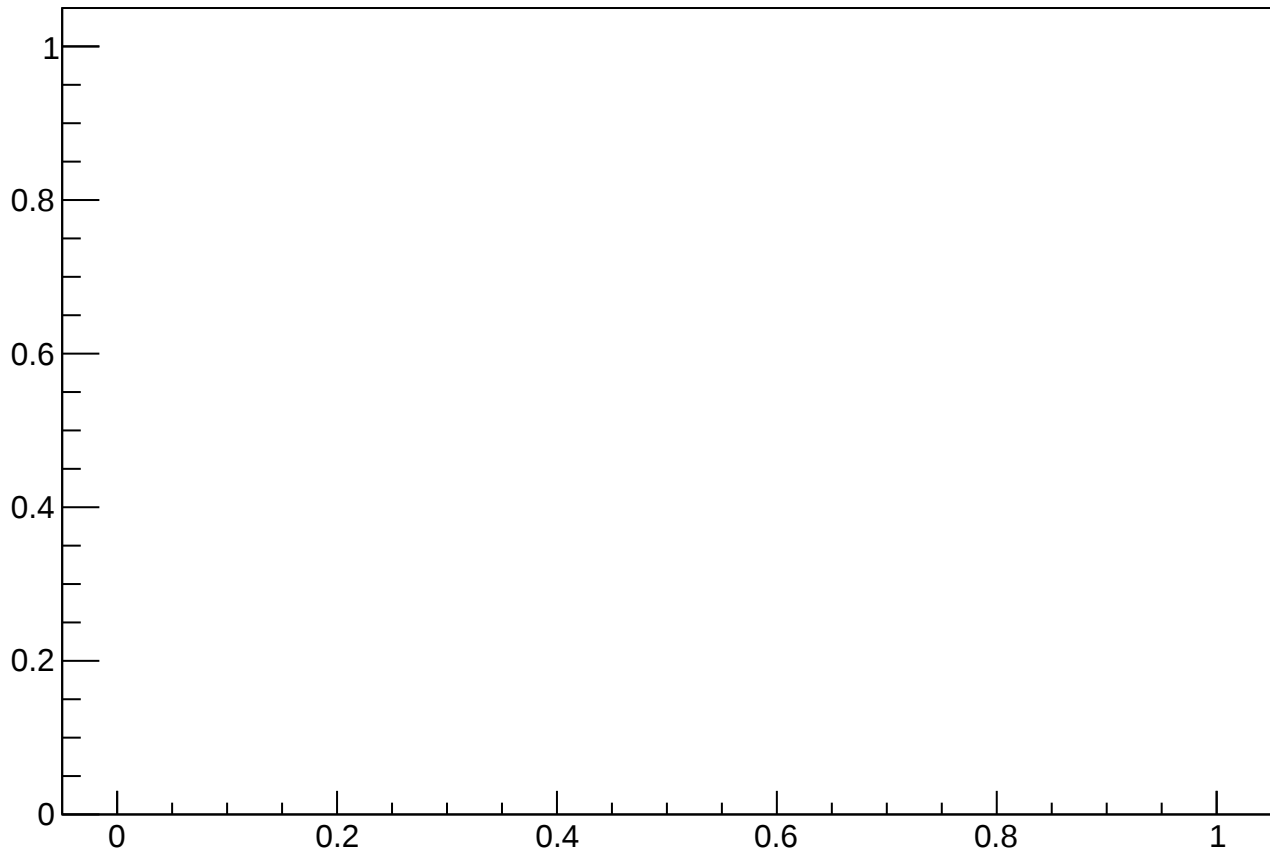
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

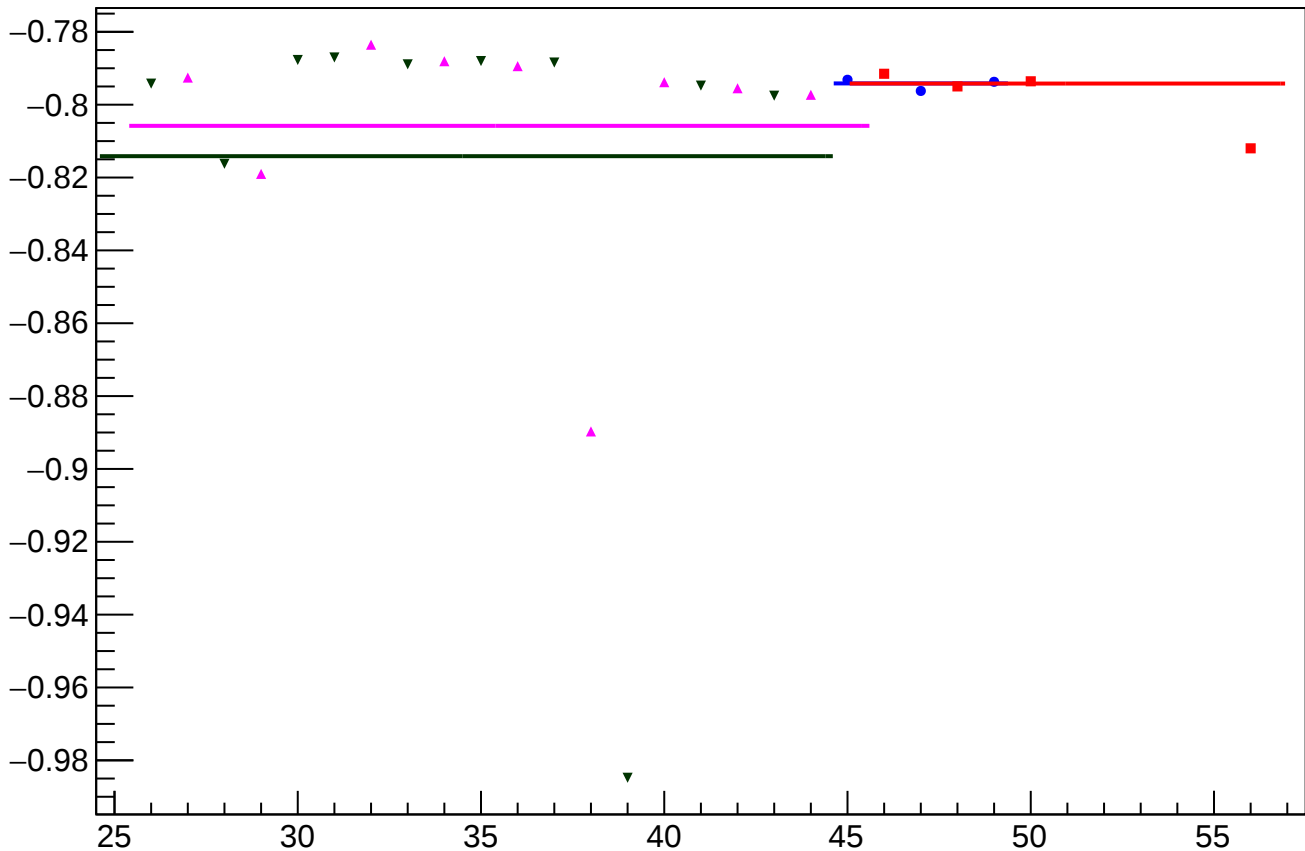
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

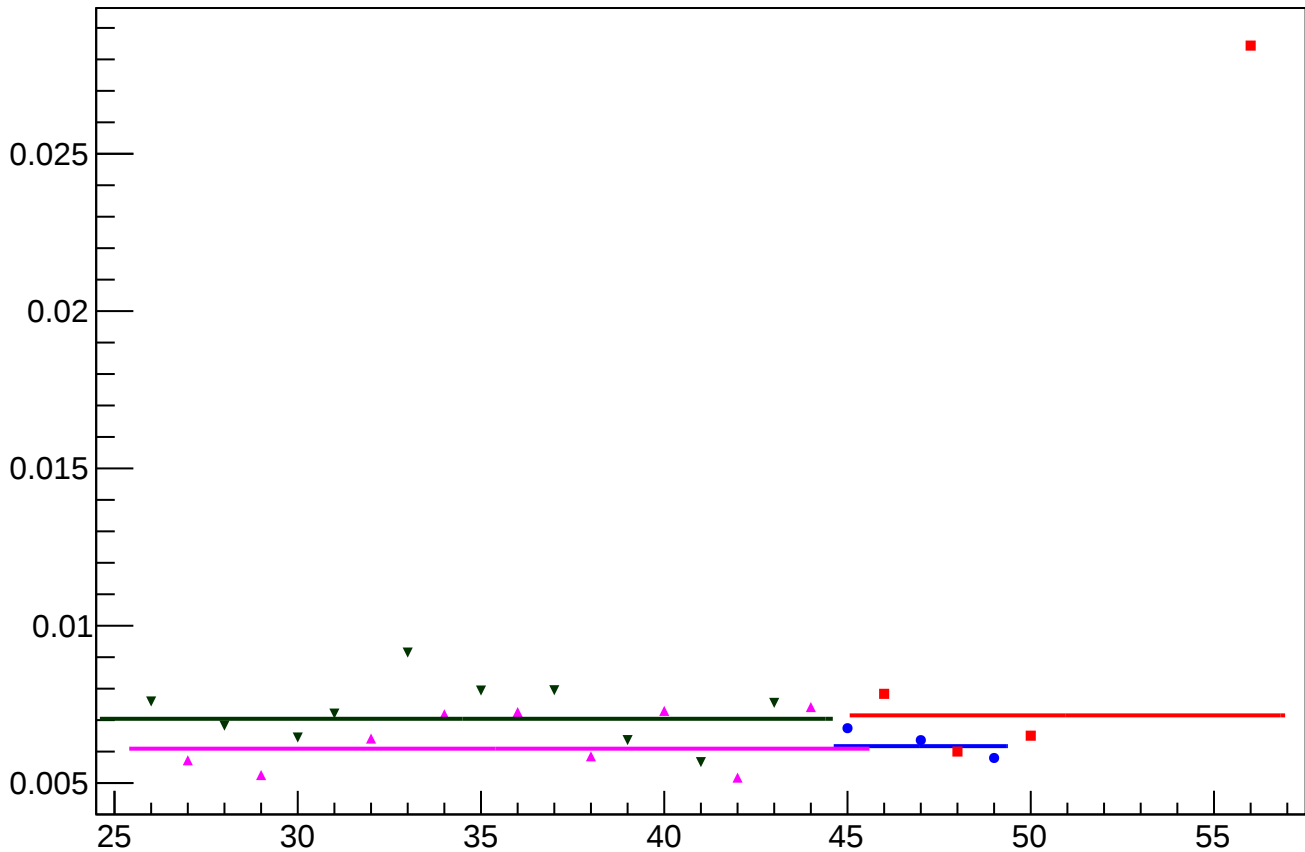
-0.808+/-0.000 χ^2/NDF : 266161792.6/12

Right Out: -0.794+/-0.000 χ^2/NDF : 226485.5/3

-0.804+/-0.000 χ^2/NDF : 98140658.9/12

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

yield_bpm12X_rms vs slug



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

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

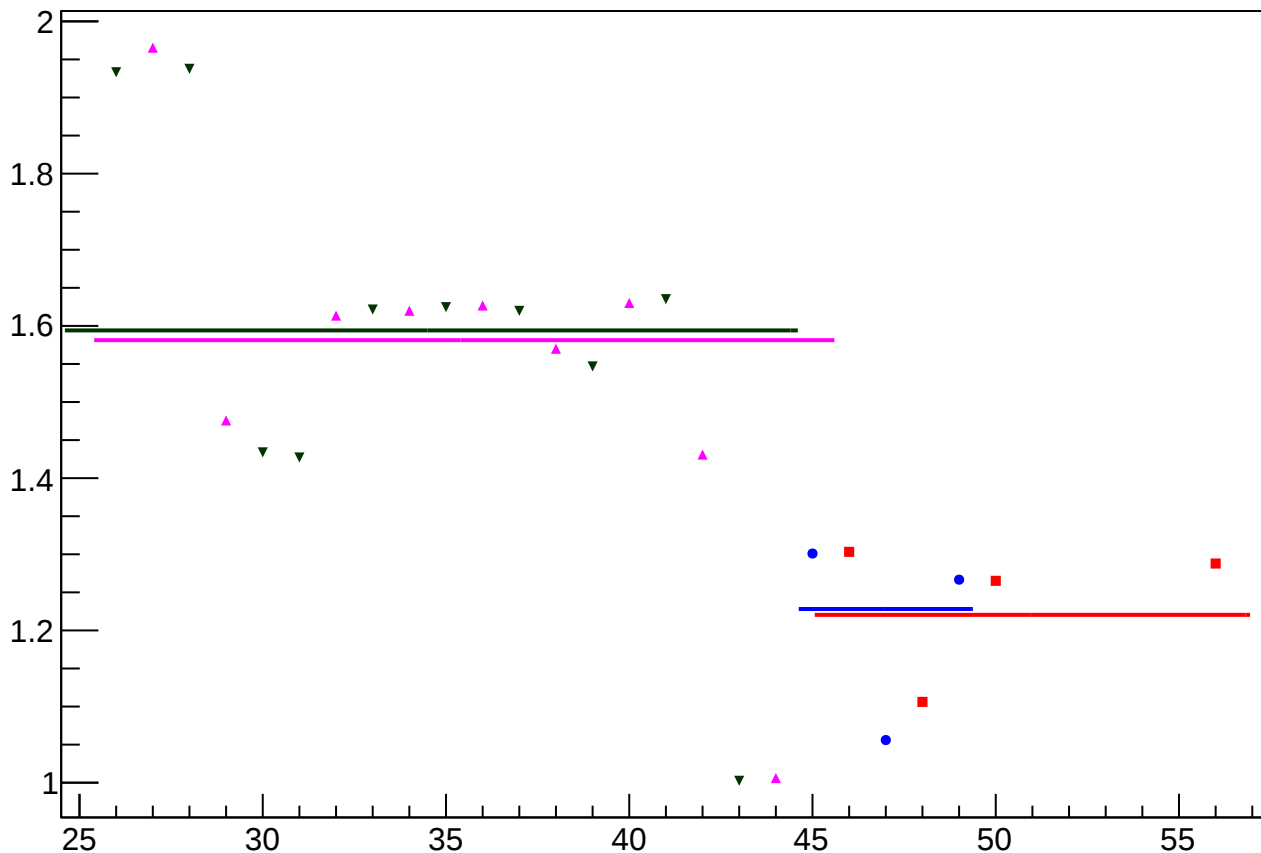
0.007+/-0.000 χ^2/NDF : 183340.2/12

Right Out: 0.007+/-0.000 χ^2/NDF : 563568.4/3

0.006+/-0.000 χ^2/NDF : 747807.4/12

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

yield_bpm12Y_mean vs slug



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

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

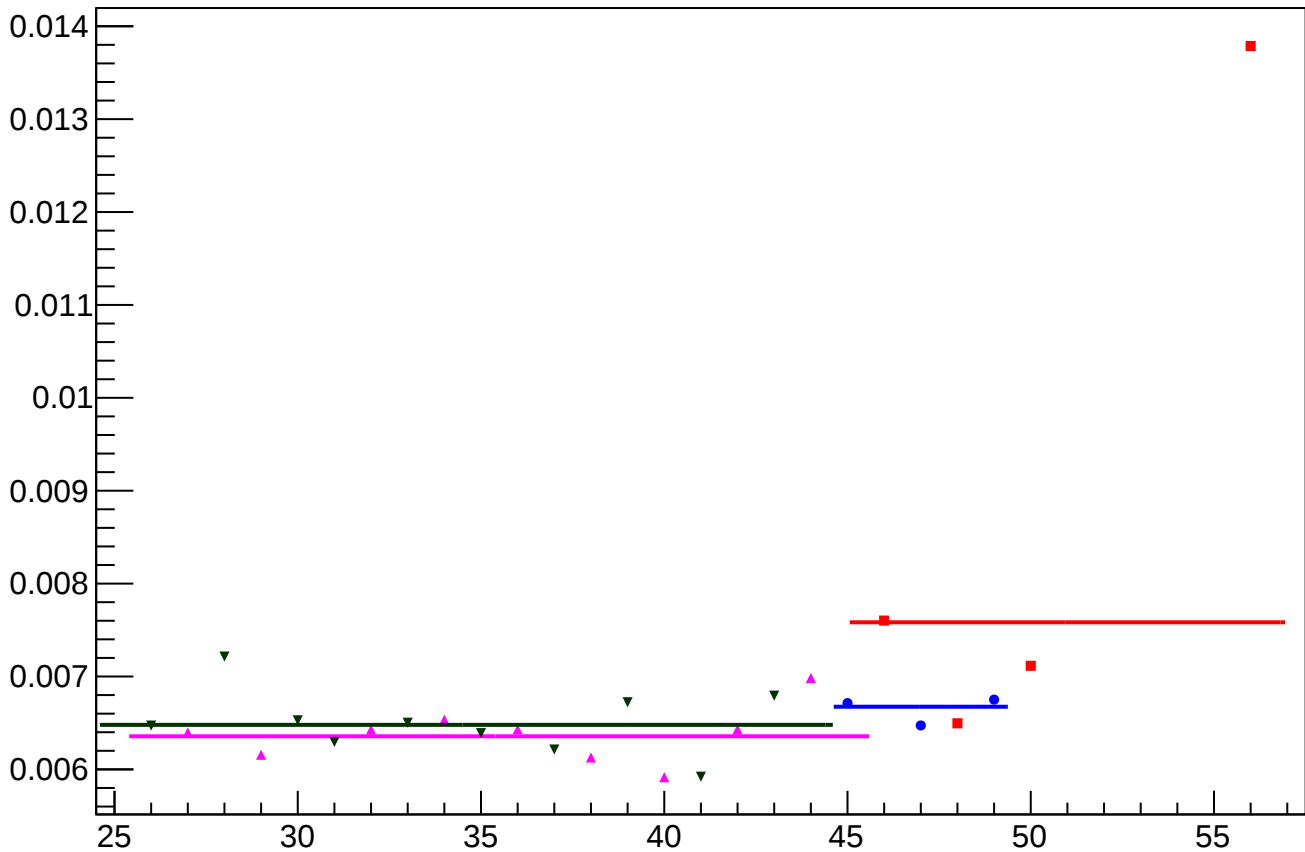
1.496+/-0.000 χ^2/NDF : 11096808648.6/12

Right Out: 1.220+/-0.000 χ^2/NDF : 202718991.5/3

1.515+/-0.000 χ^2/NDF : 9991355349.5/12

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

yield_bpm12Y_rms vs slug



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

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

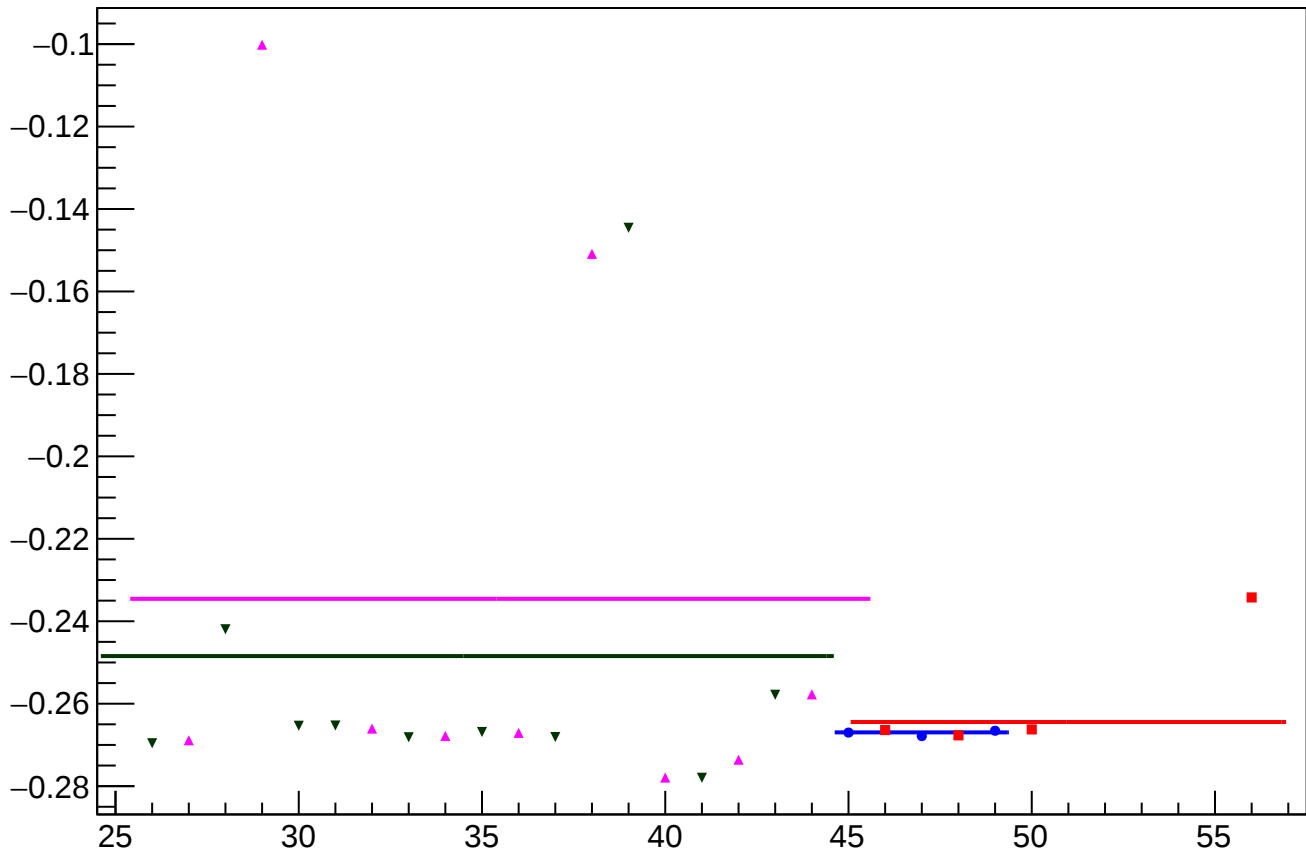
0.007+/-0.000 χ^2/NDF : 31127.1/12

Right Out: 0.008+/-0.000 χ^2/NDF : 216947.3/3

0.007+/-0.000 χ^2/NDF : 304088.7/12

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

yield_bpm16X_mean vs slug



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

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

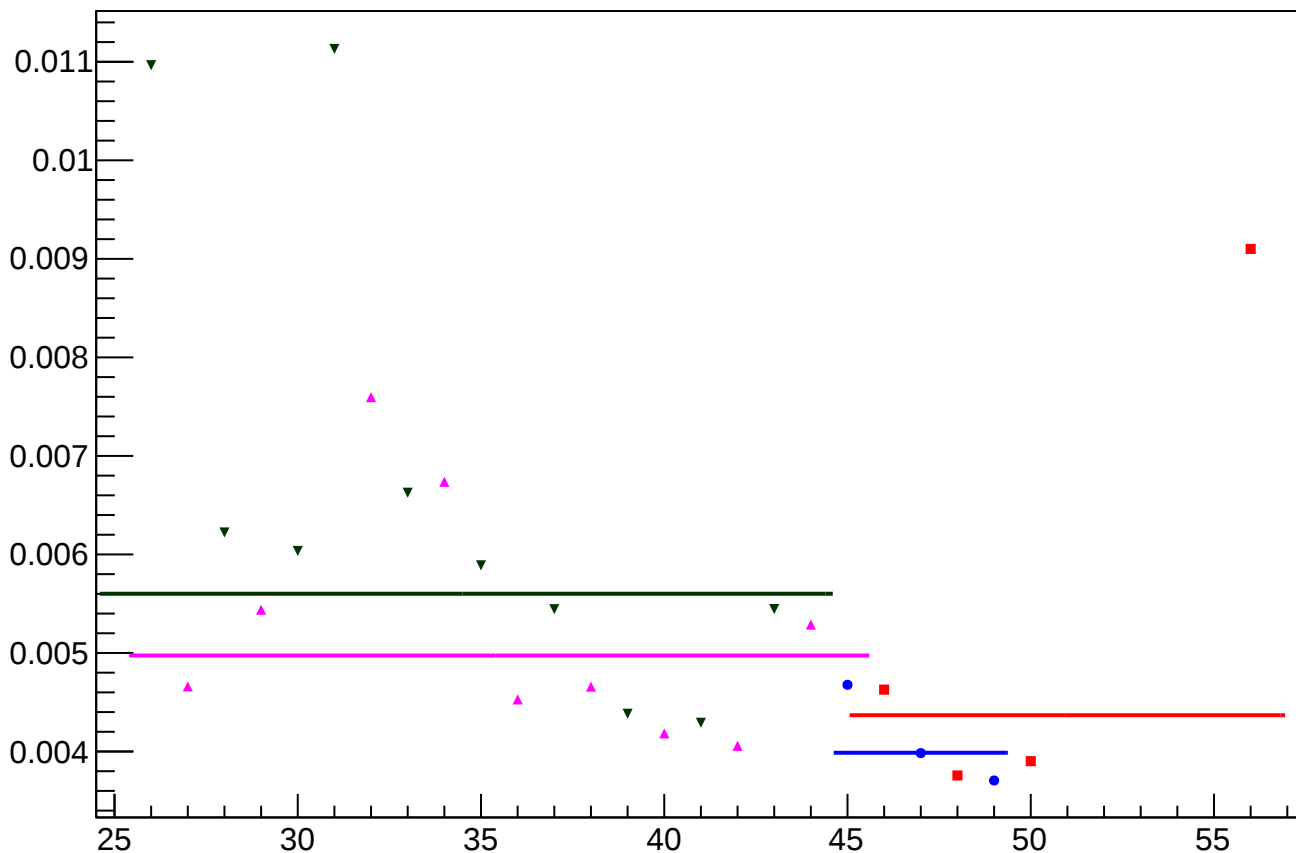
-0.256+/-0.000 χ^2/NDF : 279855152.2/12

Right Out: -0.264+/-0.000 χ^2/NDF : 5650918.9/3

-0.243+/-0.000 χ^2/NDF : 842553958.1/12

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

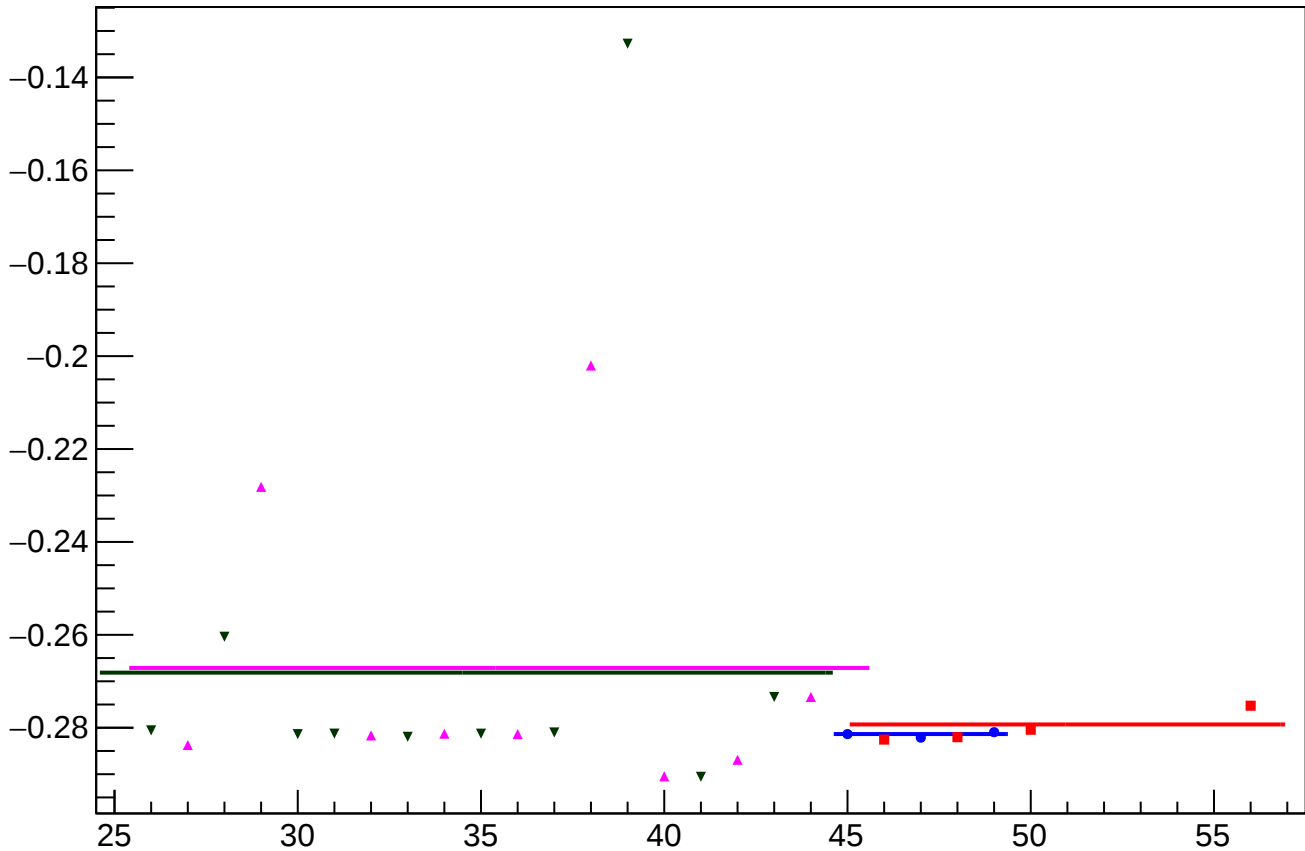
Right Out: 0.004+/-0.000 χ^2/NDF : 291404.6/3

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 : 695871.8/12

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

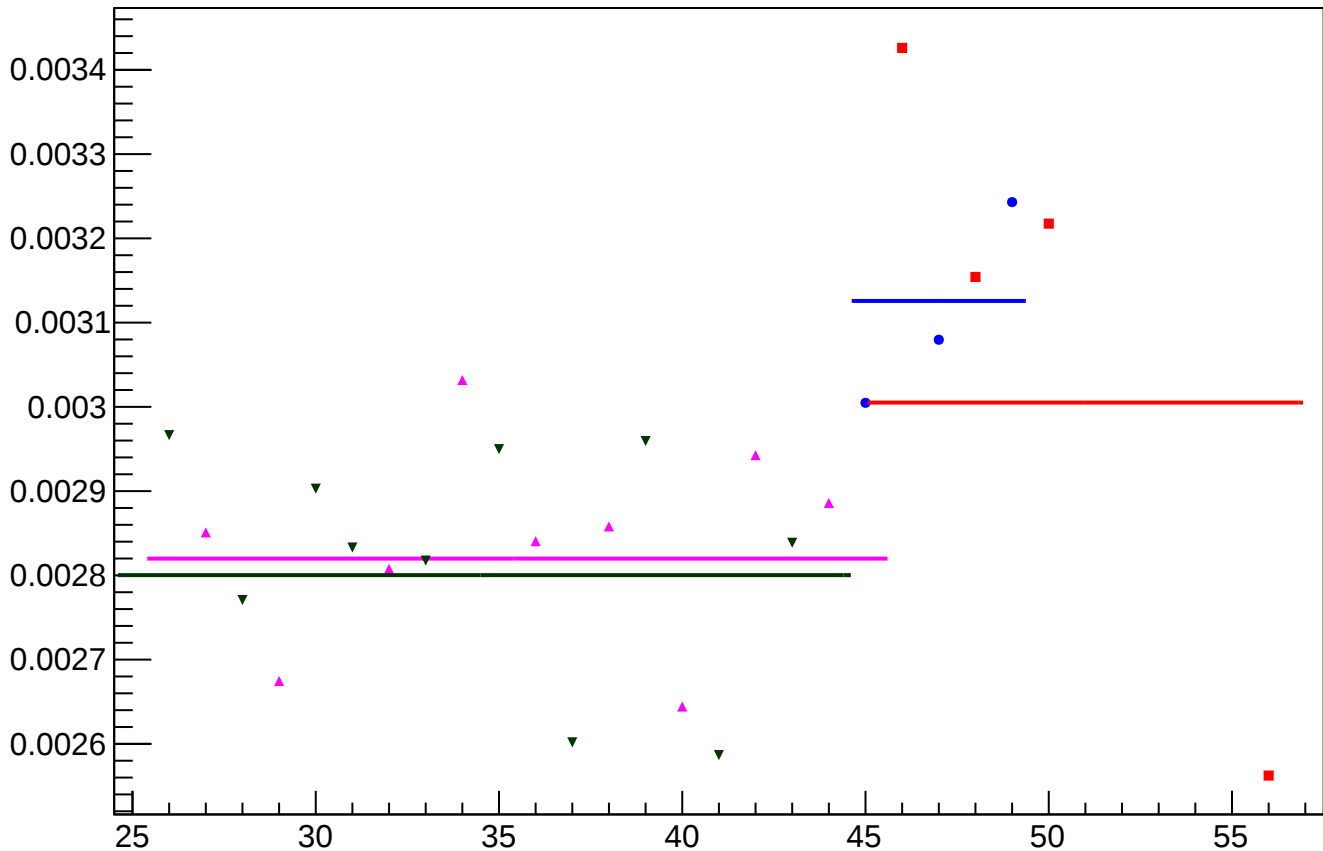
Right Out: -0.279+/-0.000 χ^2/NDF : 1915230.6/3

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

-0.271+/-0.000 χ^2/NDF : 986805082.2/12

-0.270+/-0.000 χ^2/NDF : 578853881.6/12

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

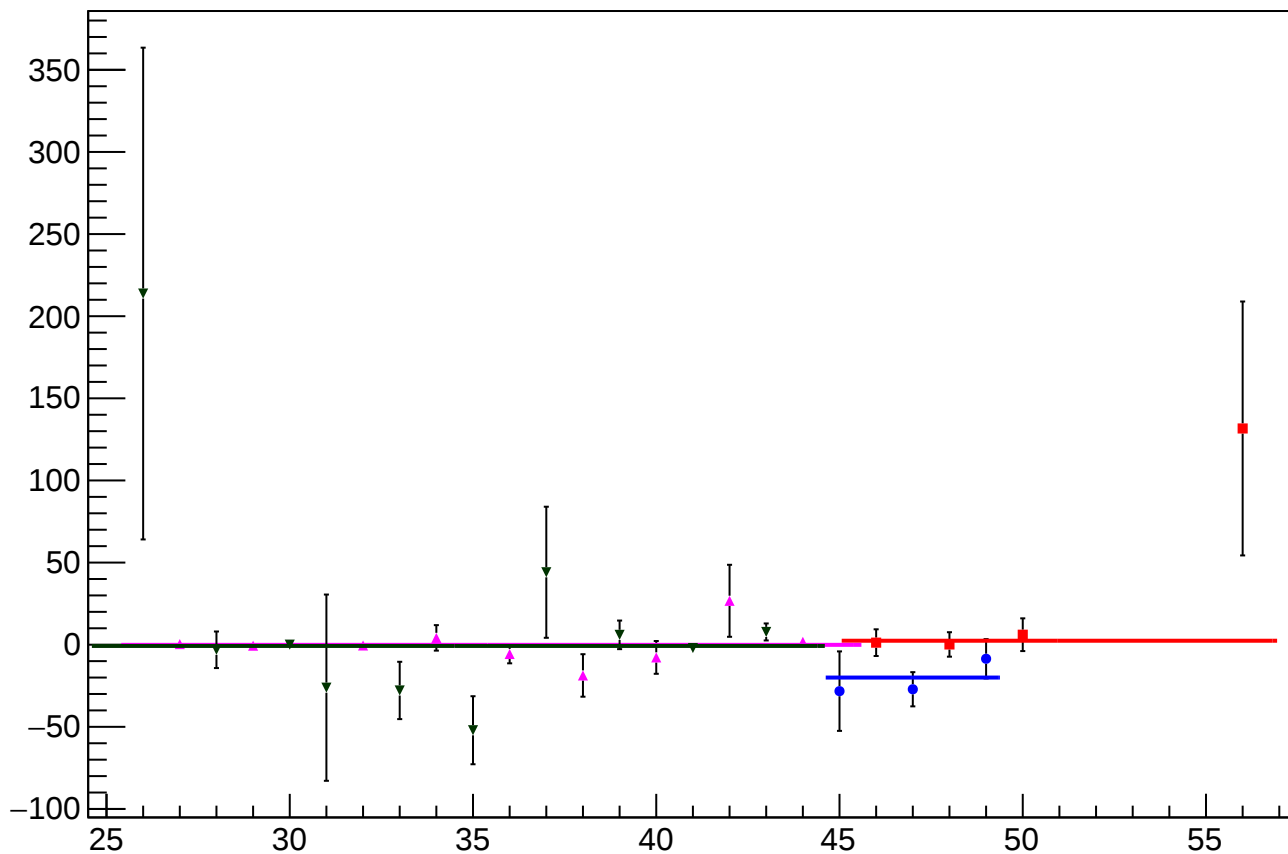
0.003+/-0.000 χ^2/NDF : 60131.1/12

Right Out: 0.003+/-0.000 χ^2/NDF : 46477.4/3

0.003+/-0.000 χ^2/NDF : 73503.8/12

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

diff_cav4bX_mean vs slug



Right In: -20.001 ± 7.472 $\chi^2/\text{NDF}: 1.5/2$

Left Out: -0.755 ± 1.557 $\chi^2/\text{NDF}: 15.9/9$

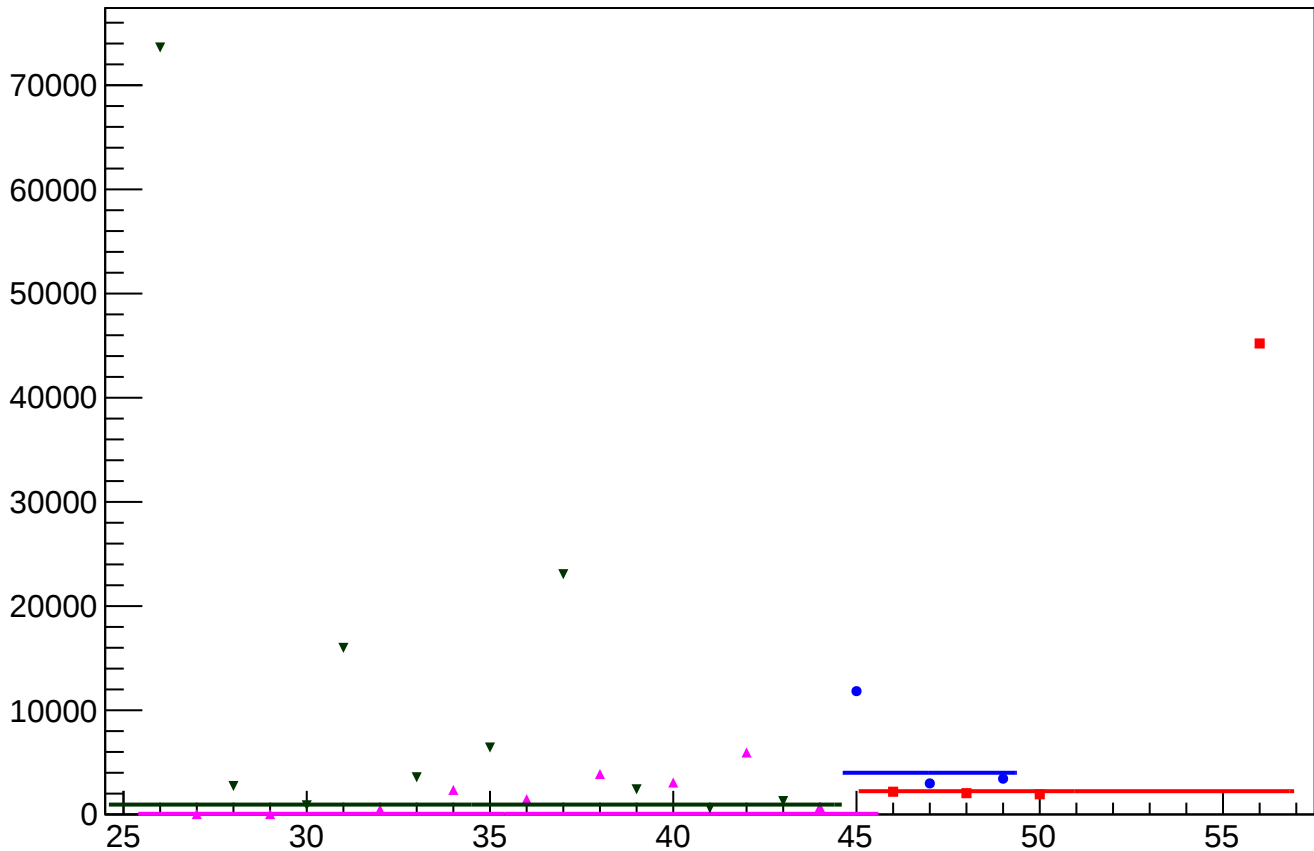
Right Out: 2.420 ± 4.799 $\chi^2/\text{NDF}: 3.0/3$

Left In: -0.086 ± 0.168 $\chi^2/\text{NDF}: 15.5/8$

-1.556 ± 1.524 $\chi^2/\text{NDF}: 23.7/12$

-0.083 ± 0.168 $\chi^2/\text{NDF}: 18.8/12$

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

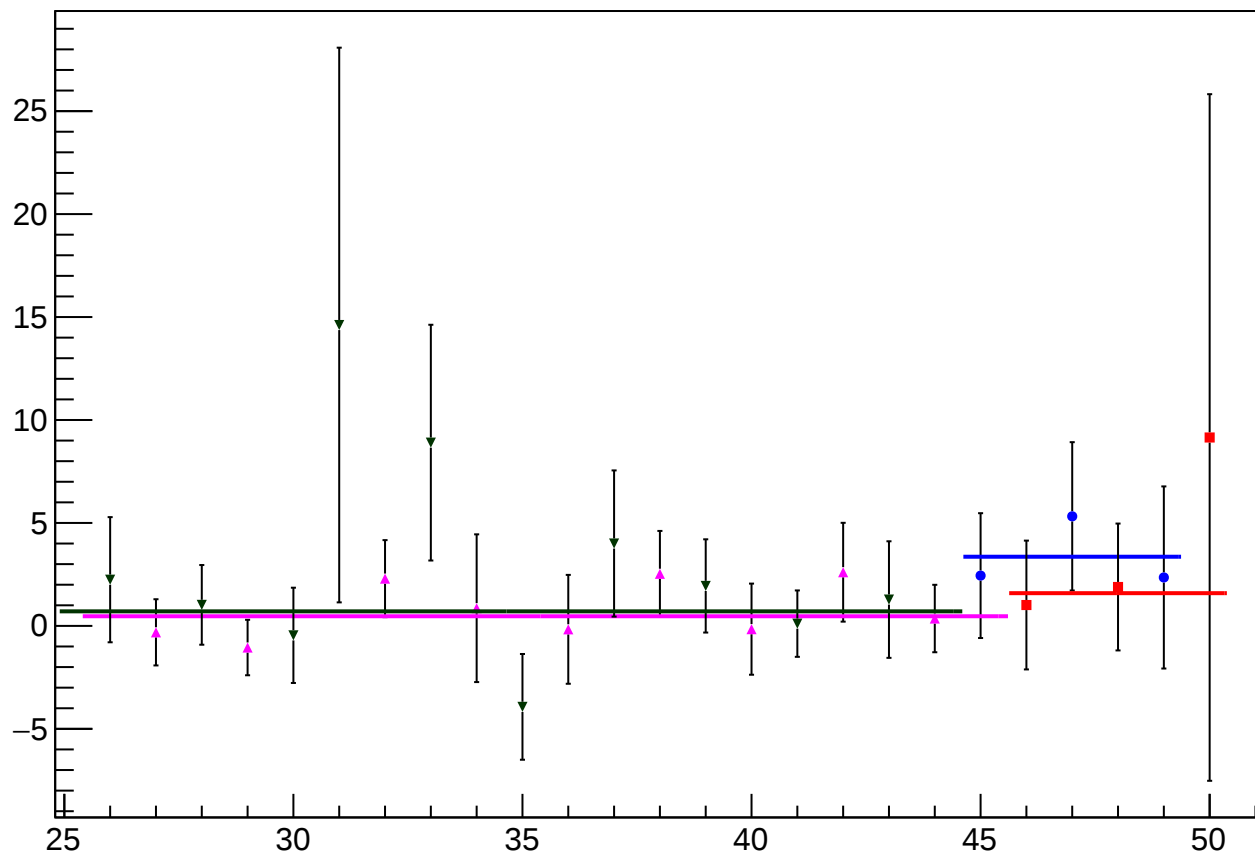
Right Out: 2232.799+/-3.393 χ^2/NDF : 621417.9/3

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

1073.930+/-1.078 χ^2/NDF : 2139694.4/12

64.175+/-0.119 χ^2/NDF : 2603523.4/12

diff_cav4bY_mean vs slug



Right In: 3.359 ± 2.054 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 0.707 ± 0.808 $\chi^2/\text{NDF}: 8.2/9$

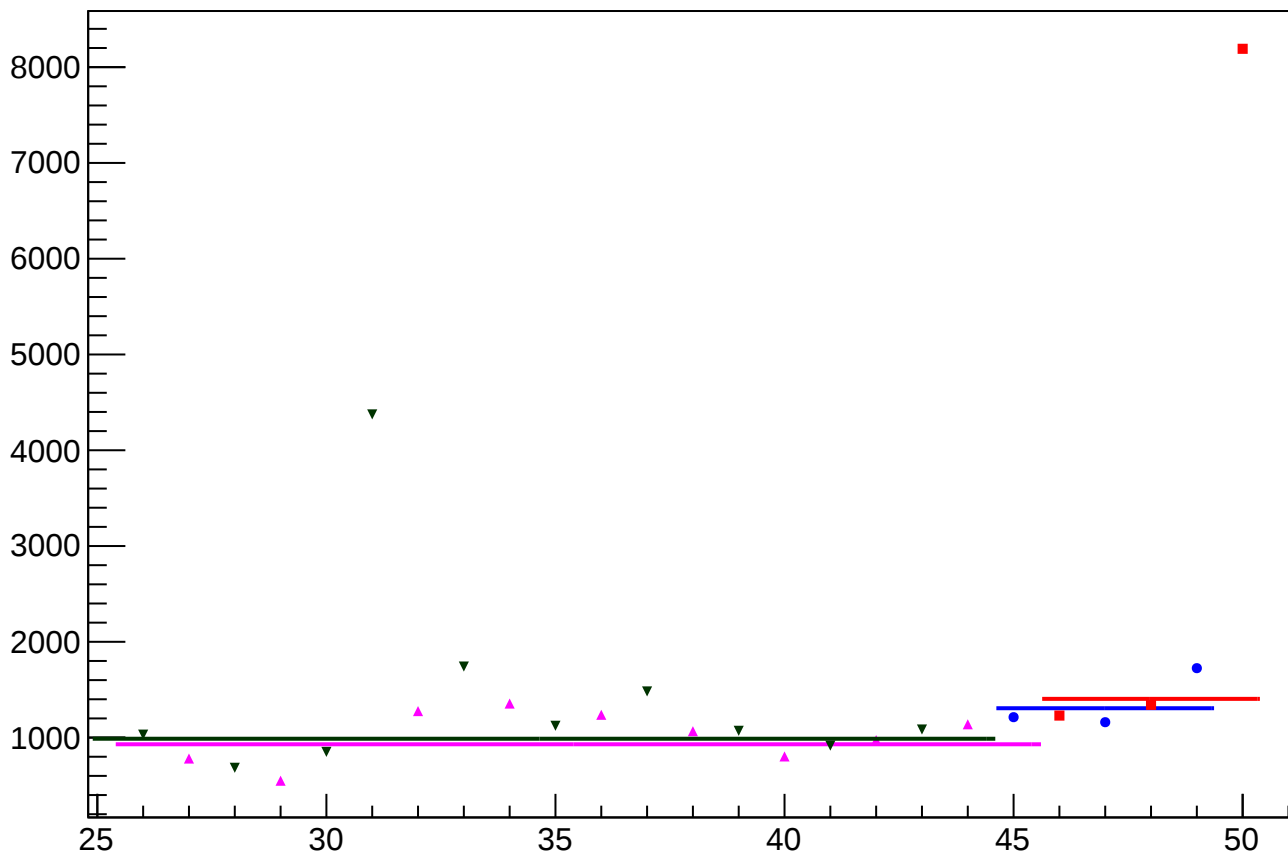
Right Out: 1.589 ± 2.176 $\chi^2/\text{NDF}: 0.2/2$

Left In: 0.468 ± 0.642 $\chi^2/\text{NDF}: 4.4/8$

1.062 ± 0.752 $\chi^2/\text{NDF}: 10.1/12$

0.558 ± 0.616 $\chi^2/\text{NDF}: 4.9/11$

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

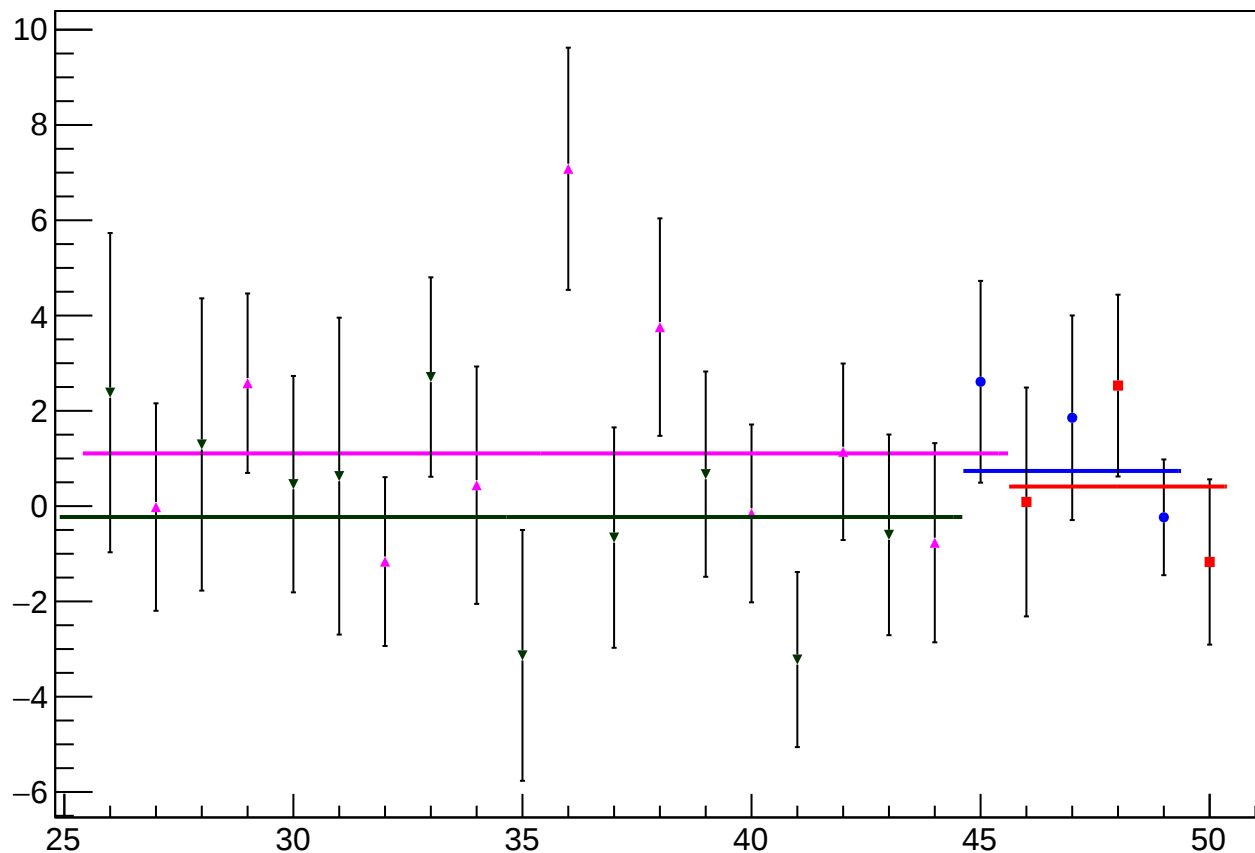
Right Out: 1404.288+/-1.539 χ^2/NDF : 338476.3/2

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

1030.544+/-0.531 χ^2/NDF : 335623.1/12

968.028+/-0.435 χ^2/NDF : 774727.8/11

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

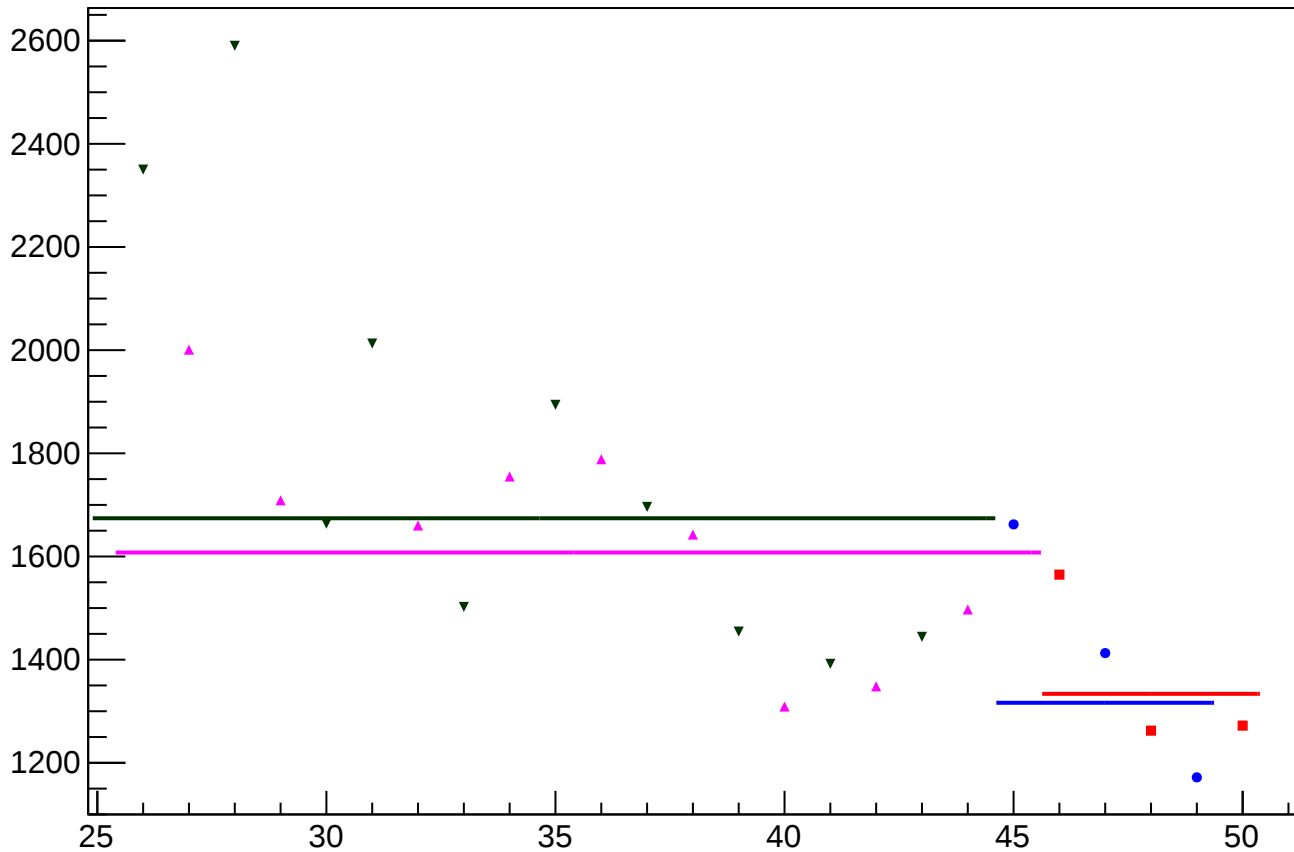
Right Out: 0.411+/-1.132 χ^2/NDF : 2.1/2

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

0.145+/-0.588 χ^2/NDF : 9.4/12

0.920+/-0.587 χ^2/NDF : 13.1/11

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

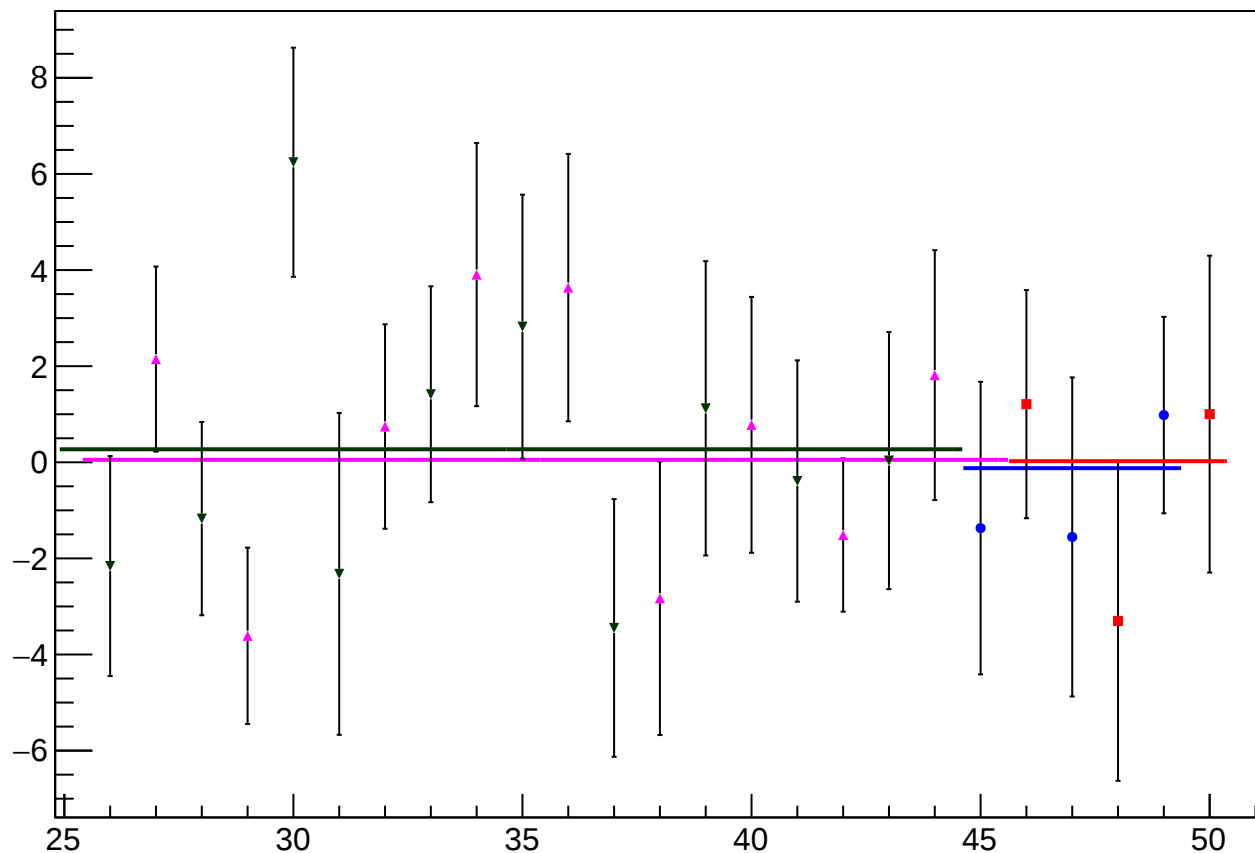
Right Out: 1333.735+/-0.800 χ^2/NDF : 23839.2/2

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

1535.955+/-0.416 χ^2/NDF : 661256.7/12

1534.168+/-0.415 χ^2/NDF : 295889.5/11

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

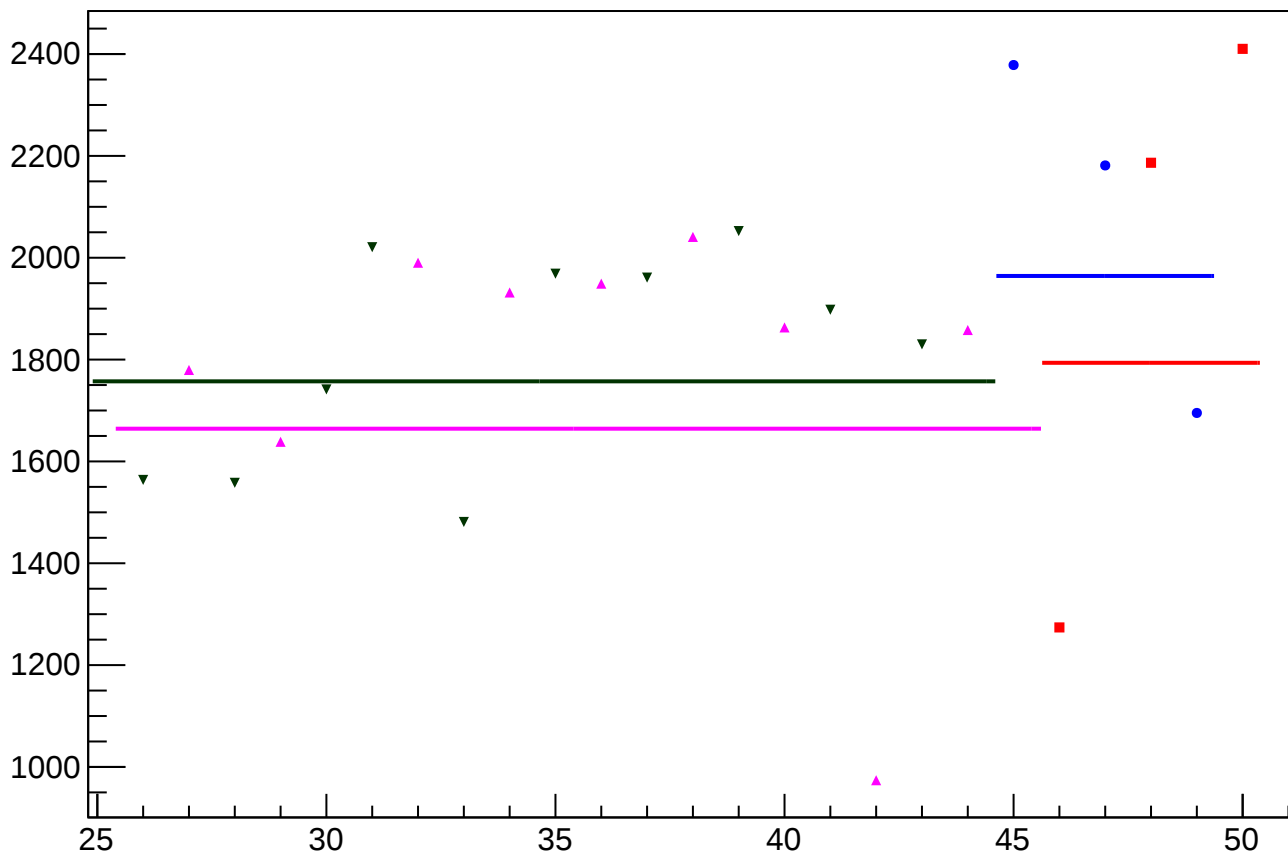
Right Out: 0.023+/-1.667 χ^2/NDF : 1.3/2

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

0.185+/-0.704 χ^2/NDF : 12.4/12

0.047+/-0.672 χ^2/NDF : 12.8/11

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

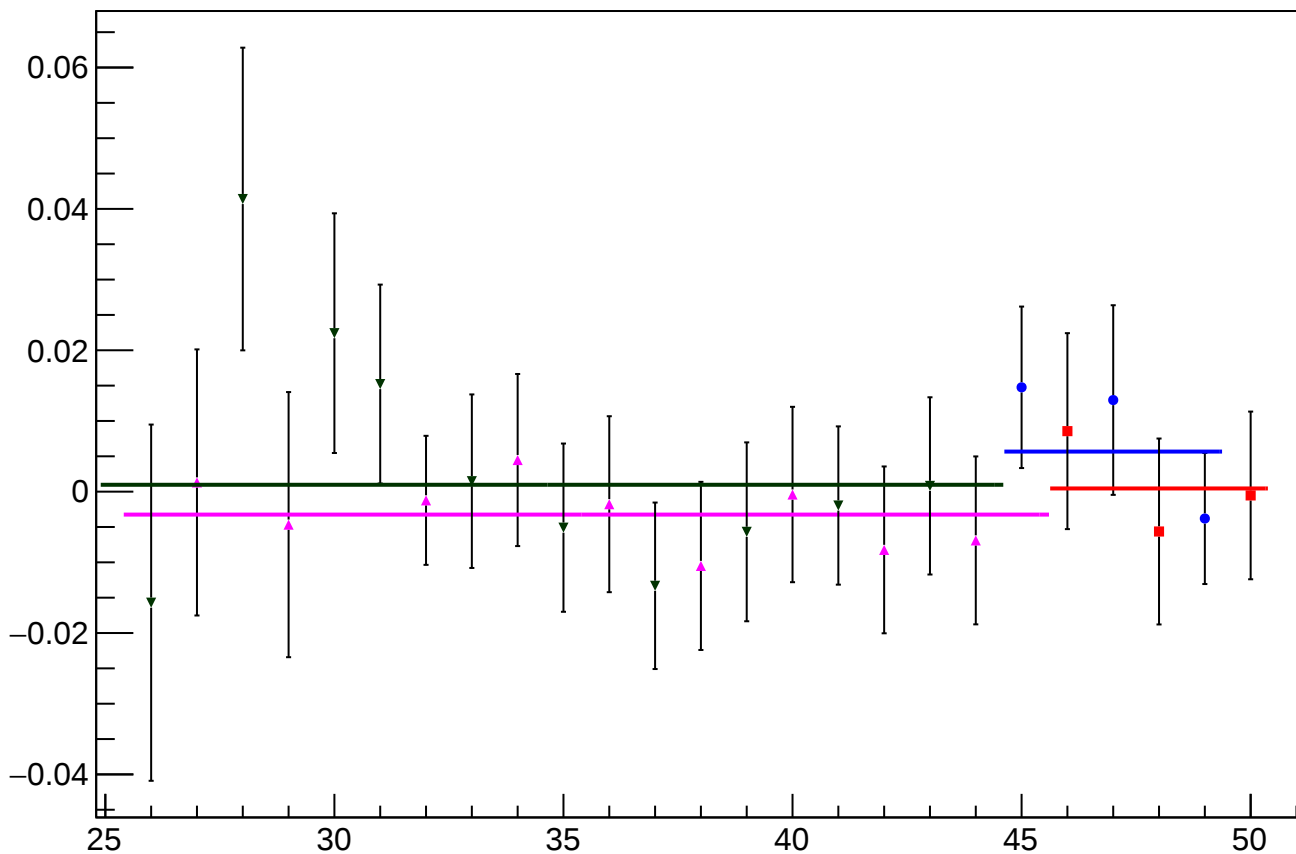
Right Out: 1793.678 ± 1.179 χ^2/NDF : 193712.6/2

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

1802.234 ± 0.498 χ^2/NDF : 235987.2/12

1685.296 ± 0.475 χ^2/NDF : 730066.8/11

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

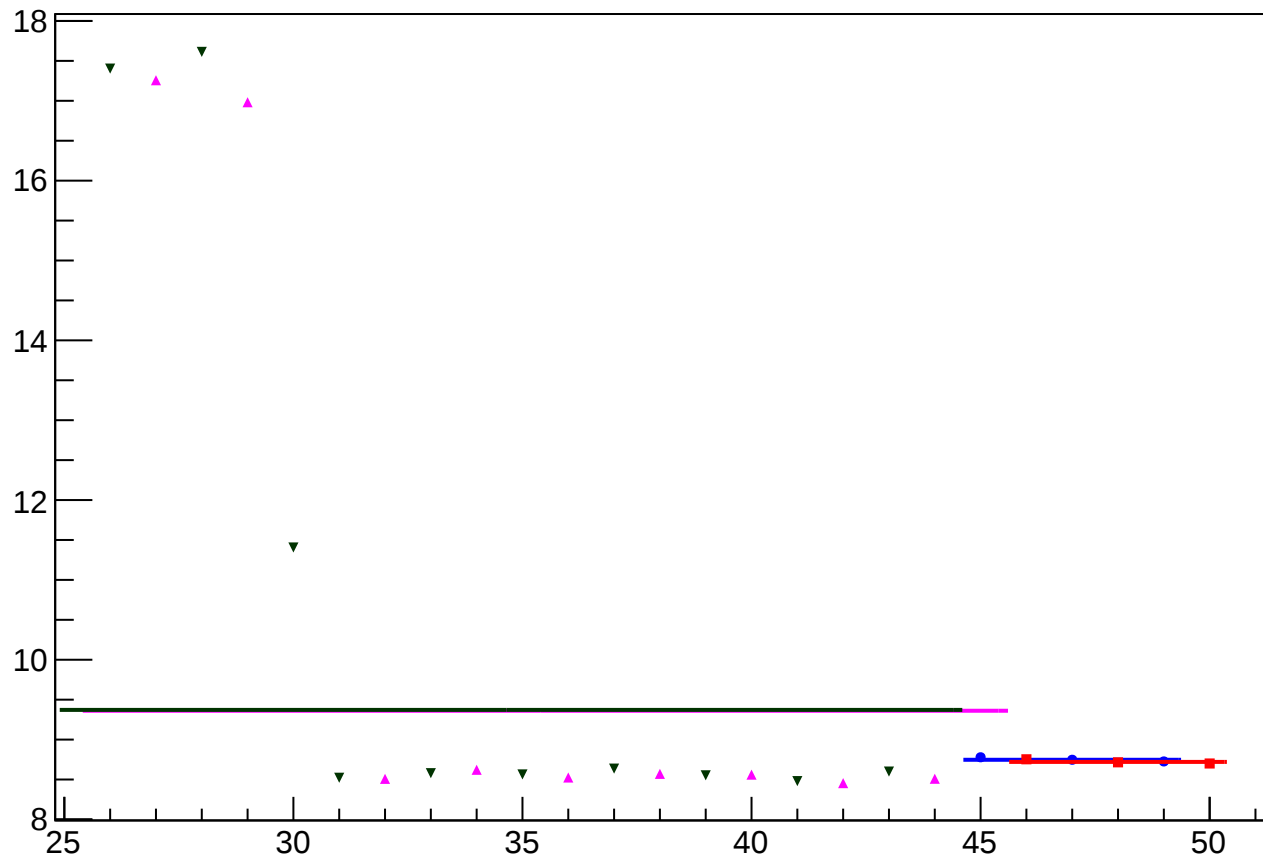
Right Out: 0.000 $\pm$ 0.007 χ^2 /NDF: 0.6/2

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.002 $\pm$ 0.004 χ^2 /NDF: 11.1/12

-0.002 $\pm$ 0.004 χ^2 /NDF: 2.0/11

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

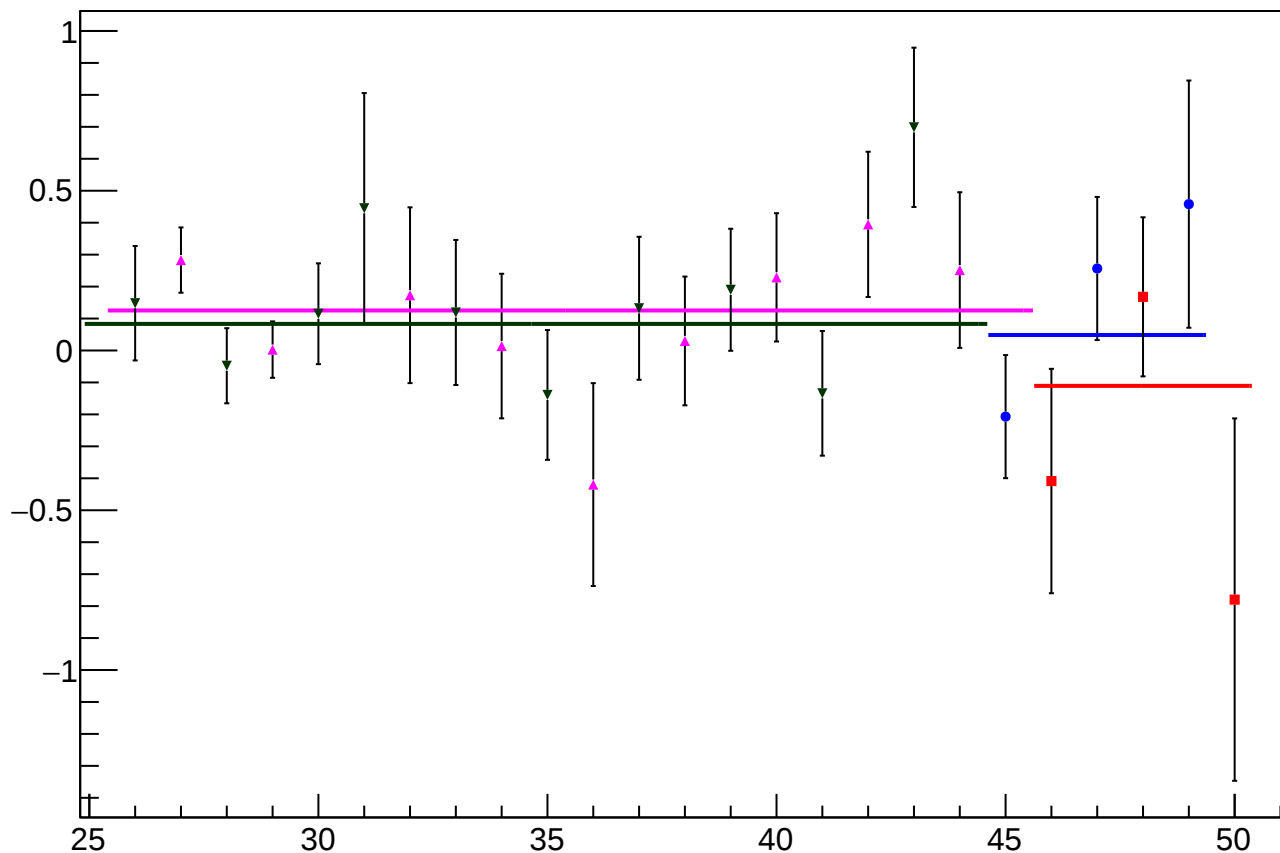
Right Out: 8.720+/-0.005 χ^2/NDF : 17.2/2

Left In: 9.361+/-0.003 χ^2/NDF : 755360.8/8

9.174+/-0.003 χ^2/NDF : 602909.1/12

9.210+/-0.003 χ^2/NDF : 766734.5/11

diff_cav4dY_mean vs slug



Right In: 0.049 ± 0.137 $\chi^2/\text{NDF}: 3.7/2$

Left Out: 0.083 ± 0.059 $\chi^2/\text{NDF}: 11.3/9$

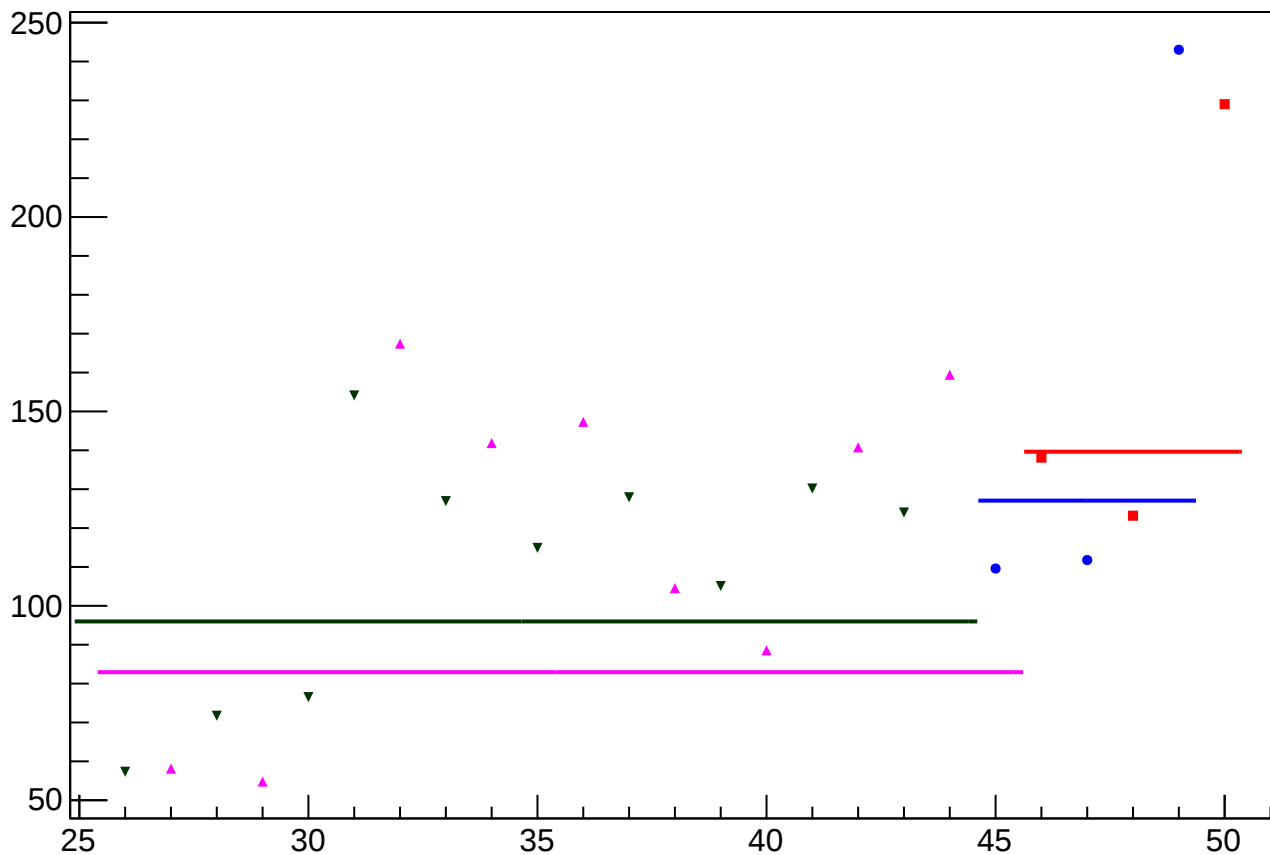
Right Out: -0.111 ± 0.191 $\chi^2/\text{NDF}: 3.4/2$

Left In: 0.125 ± 0.053 $\chi^2/\text{NDF}: 9.7/8$

0.078 ± 0.054 $\chi^2/\text{NDF}: 15.1/12$

0.108 ± 0.051 $\chi^2/\text{NDF}: 14.5/11$

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

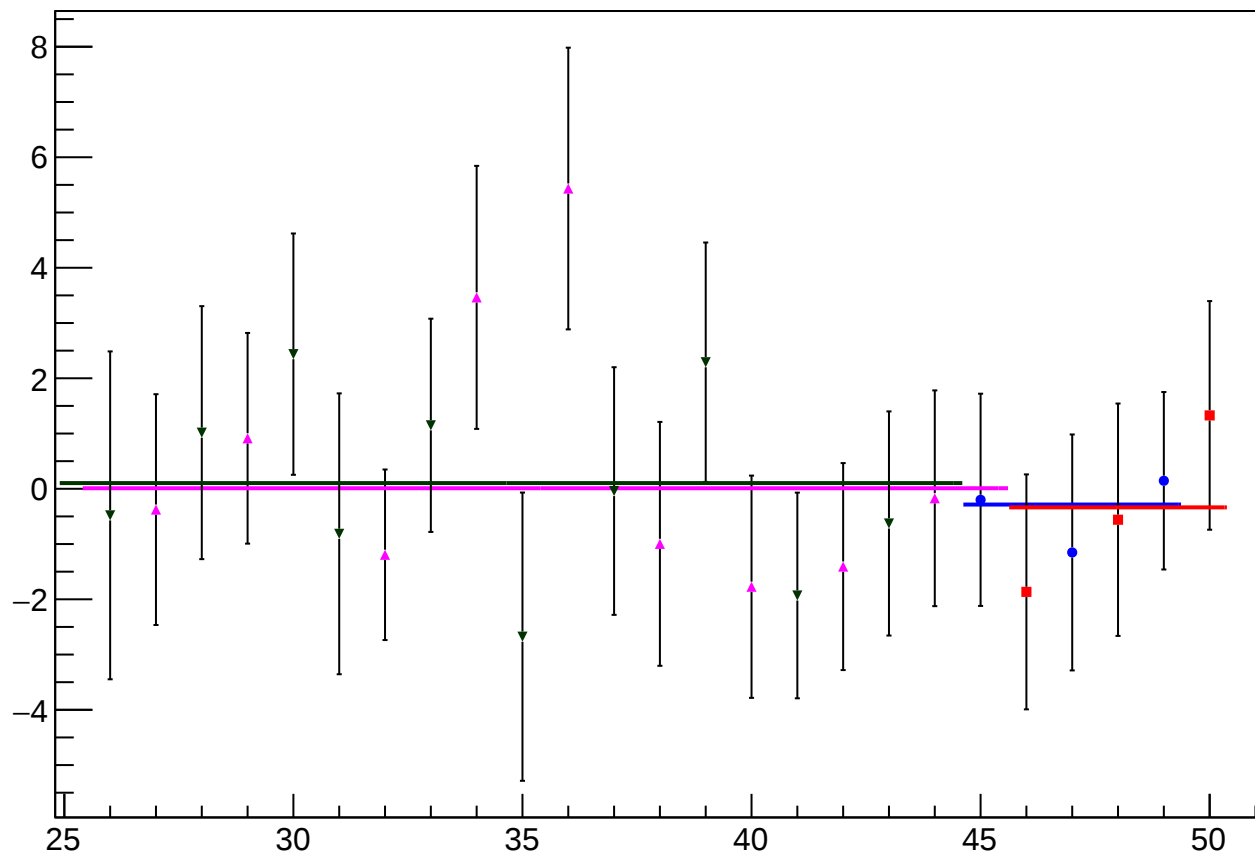
Right Out: 139.644 ± 0.135 χ^2/NDF : 58463.5/2

Left In: 82.933 ± 0.038 χ^2/NDF : 1079060.0/8

100.902 ± 0.038 χ^2/NDF : 739755.2/12

87.016 ± 0.036 χ^2/NDF : 1300794.4/11

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

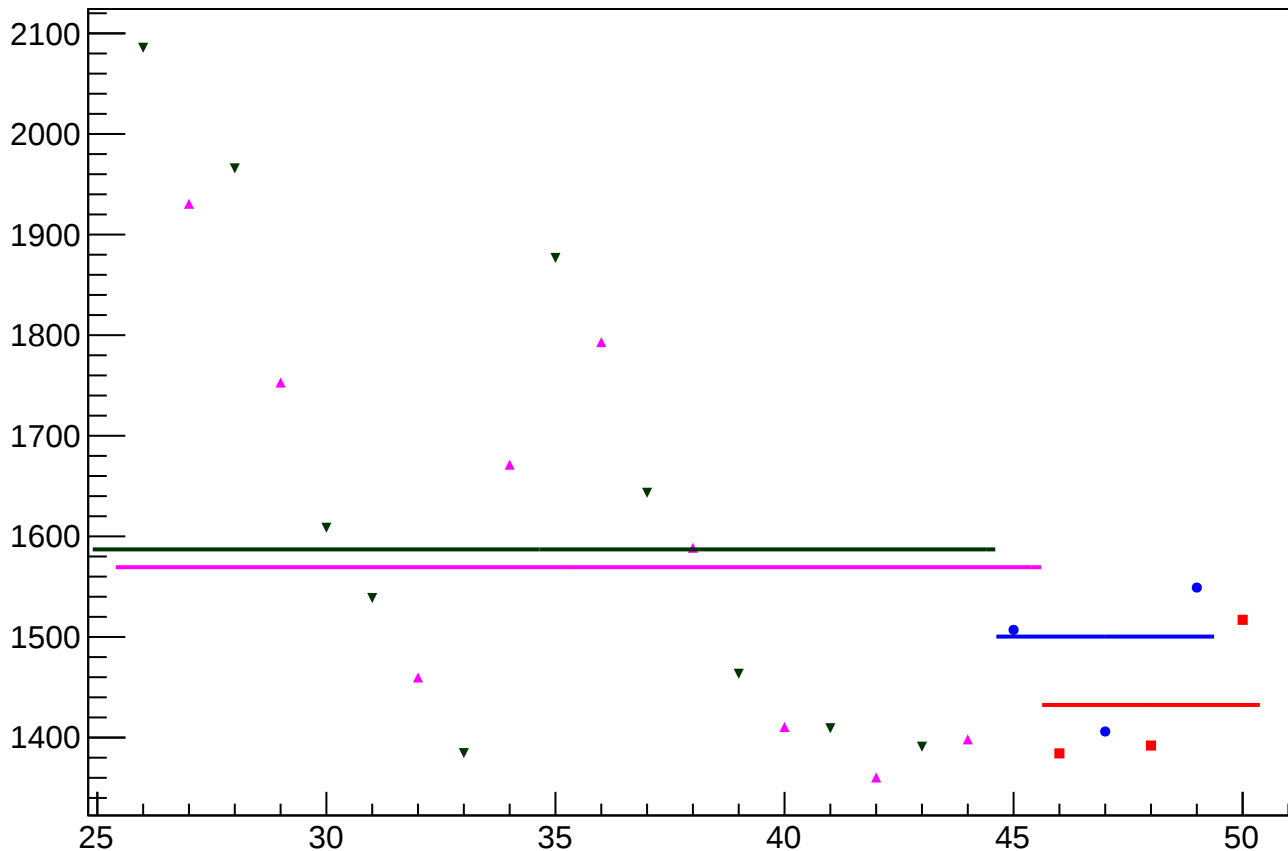
Right Out: -0.336 ± 1.212 χ^2/NDF : 1.2/2

Left In: 0.010 ± 0.666 χ^2/NDF : 9.1/8

-0.014 ± 0.587 χ^2/NDF : 5.6/12

-0.070 ± 0.584 χ^2/NDF : 10.3/11

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

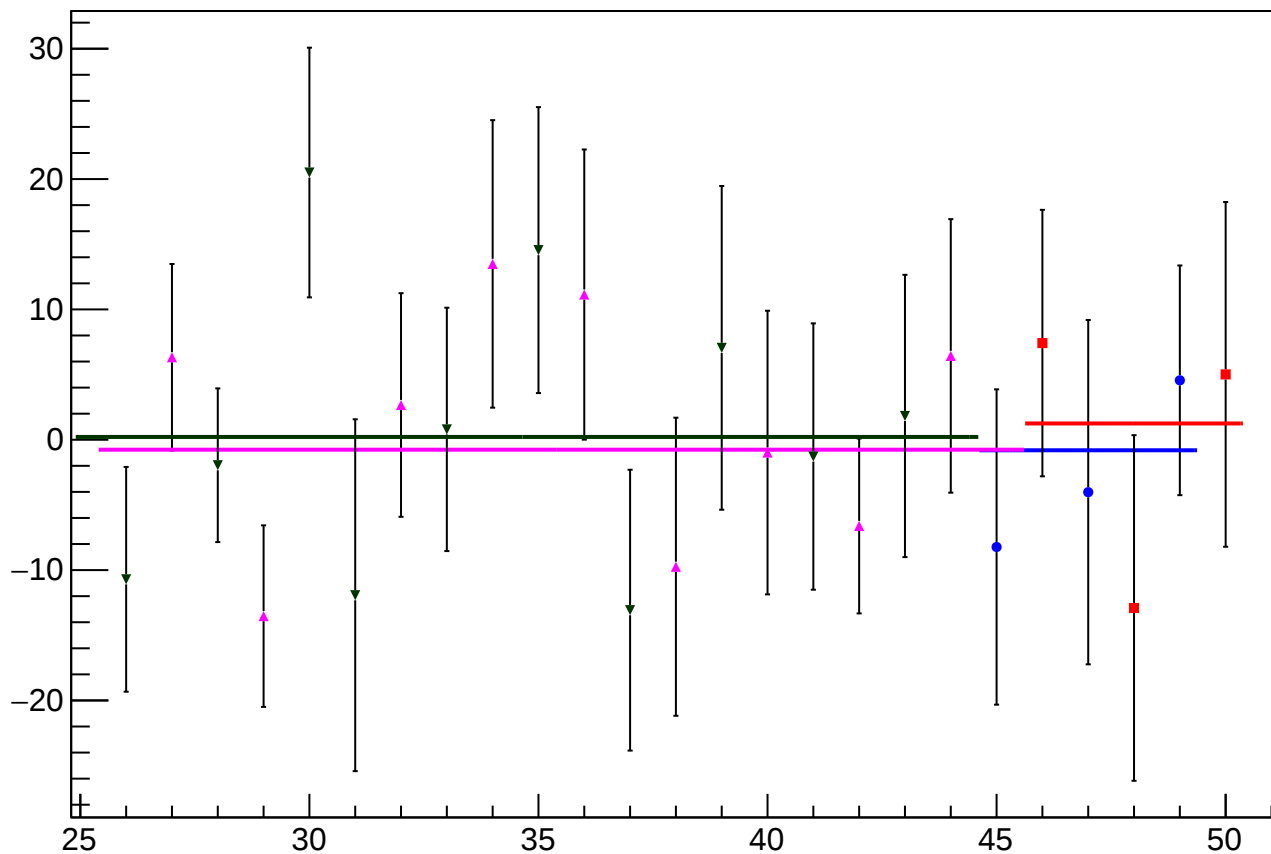
1560.865+/-0.415 χ^2/NDF : 218563.9/12

Right Out: 1432.422+/-0.857 χ^2/NDF : 5107.8/2

1537.592+/-0.413 χ^2/NDF : 185164.3/11

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

diff_bpm4aY_mean vs slug



Right In: -0.807 ± 6.268 $\chi^2/\text{NDF}: 0.8/2$

Left Out: 0.216 ± 2.994 $\chi^2/\text{NDF}: 10.6/9$

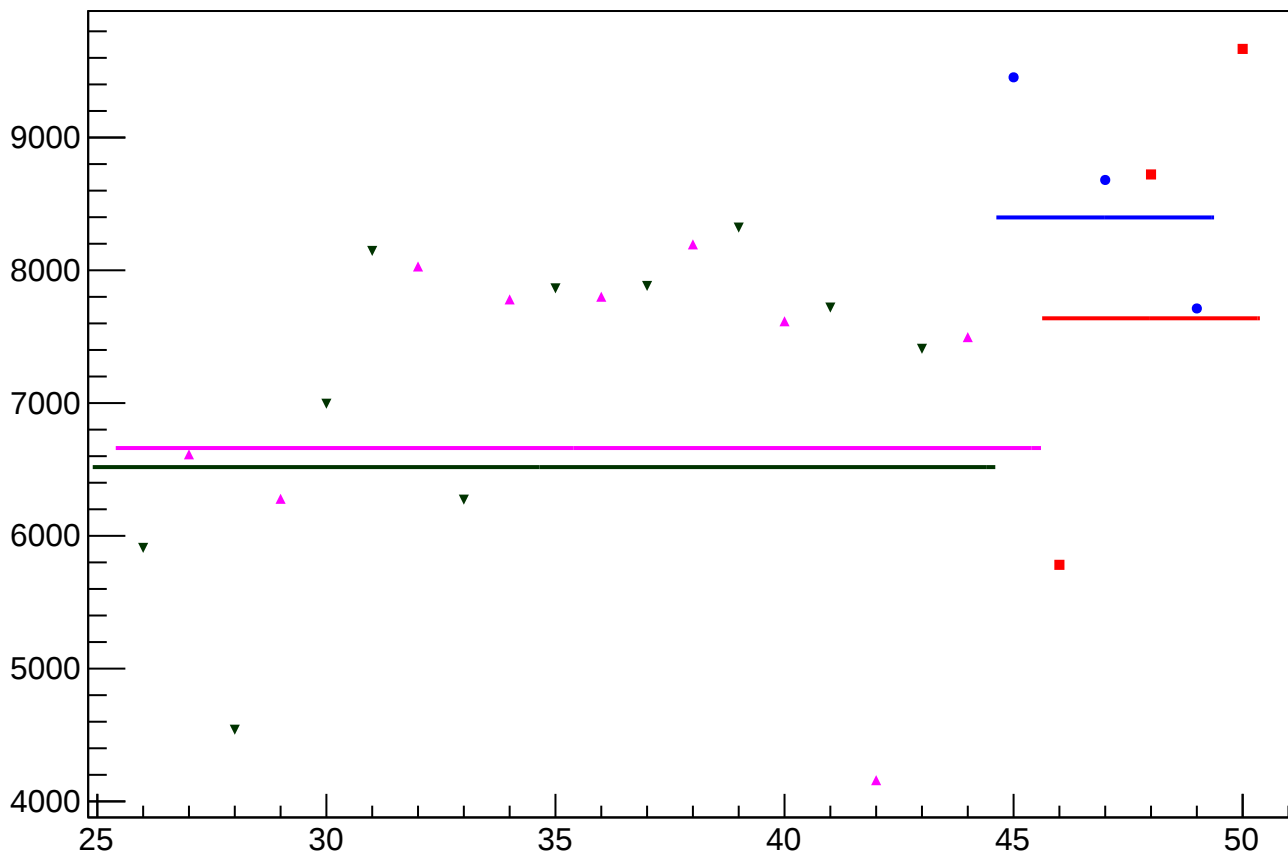
Right Out: 1.250 ± 6.904 $\chi^2/\text{NDF}: 1.6/2$

Left In: -0.763 ± 2.918 $\chi^2/\text{NDF}: 9.2/8$

0.026 ± 2.701 $\chi^2/\text{NDF}: 11.4/12$

-0.458 ± 2.688 $\chi^2/\text{NDF}: 10.8/11$

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

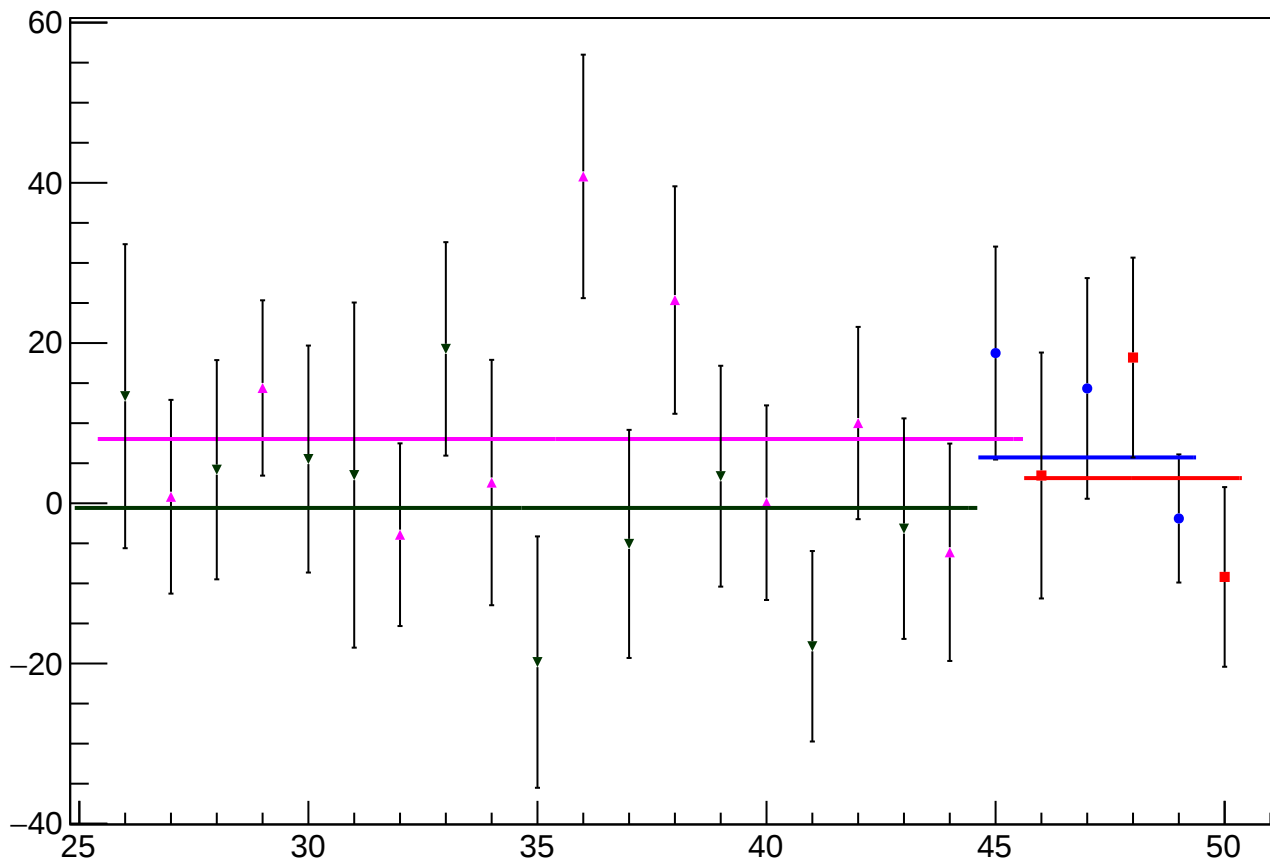
Right Out: 7638.443 ± 4.882 χ^2/NDF : 126425.7/2

Left In: 6661.299 ± 2.063 χ^2/NDF : 440651.7/8

6866.989 ± 1.910 χ^2/NDF : 590829.5/12

6809.394 ± 1.901 χ^2/NDF : 601065.0/11

diff_bpm4eX_mean vs slug



Right In: 5.723 ± 6.134 $\chi^2/\text{NDF}: 2.3/2$

Left Out: -0.581 ± 4.588 $\chi^2/\text{NDF}: 6.9/9$

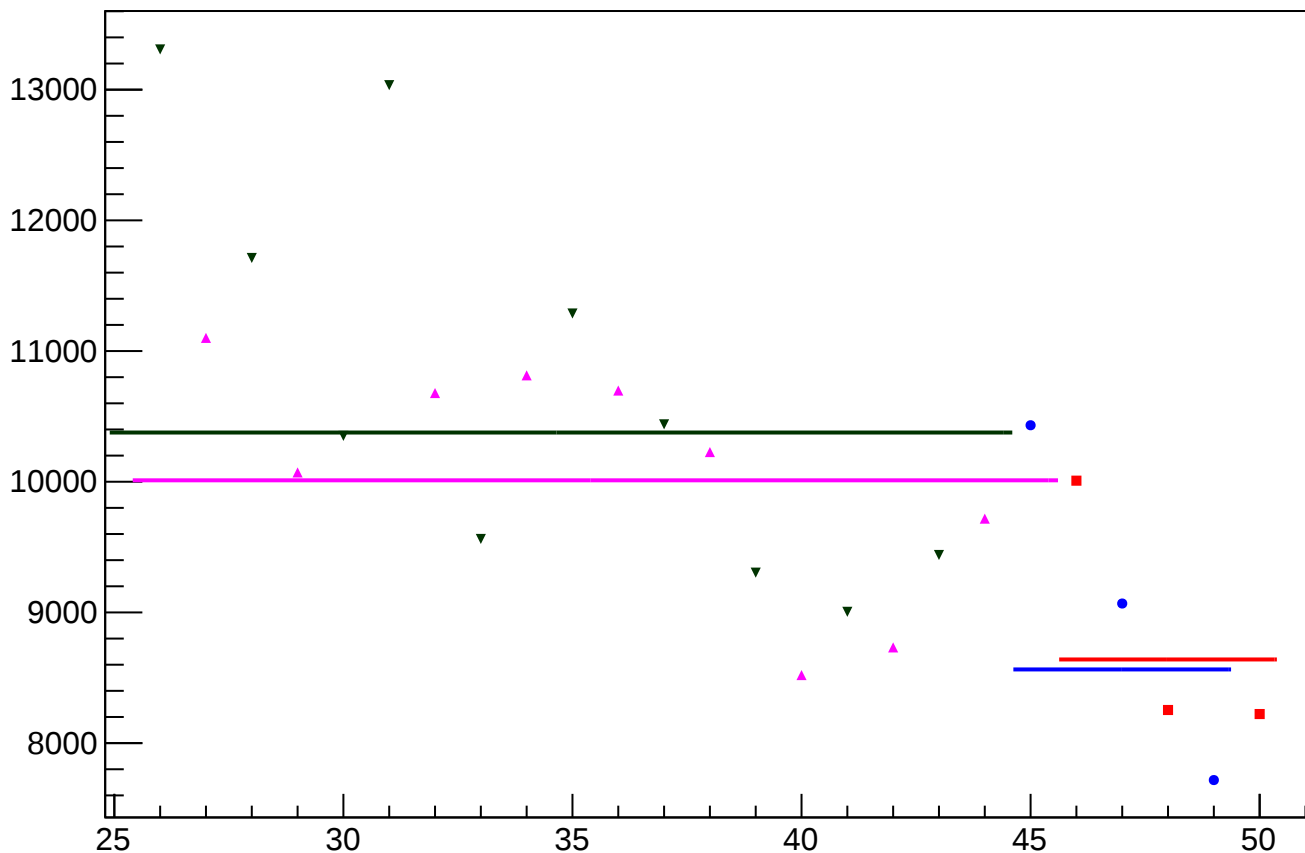
Right Out: 3.144 ± 7.327 $\chi^2/\text{NDF}: 2.7/2$

Left In: 8.023 ± 4.241 $\chi^2/\text{NDF}: 9.6/8$

1.681 ± 3.674 $\chi^2/\text{NDF}: 9.9/12$

6.799 ± 3.671 $\chi^2/\text{NDF}: 12.6/11$

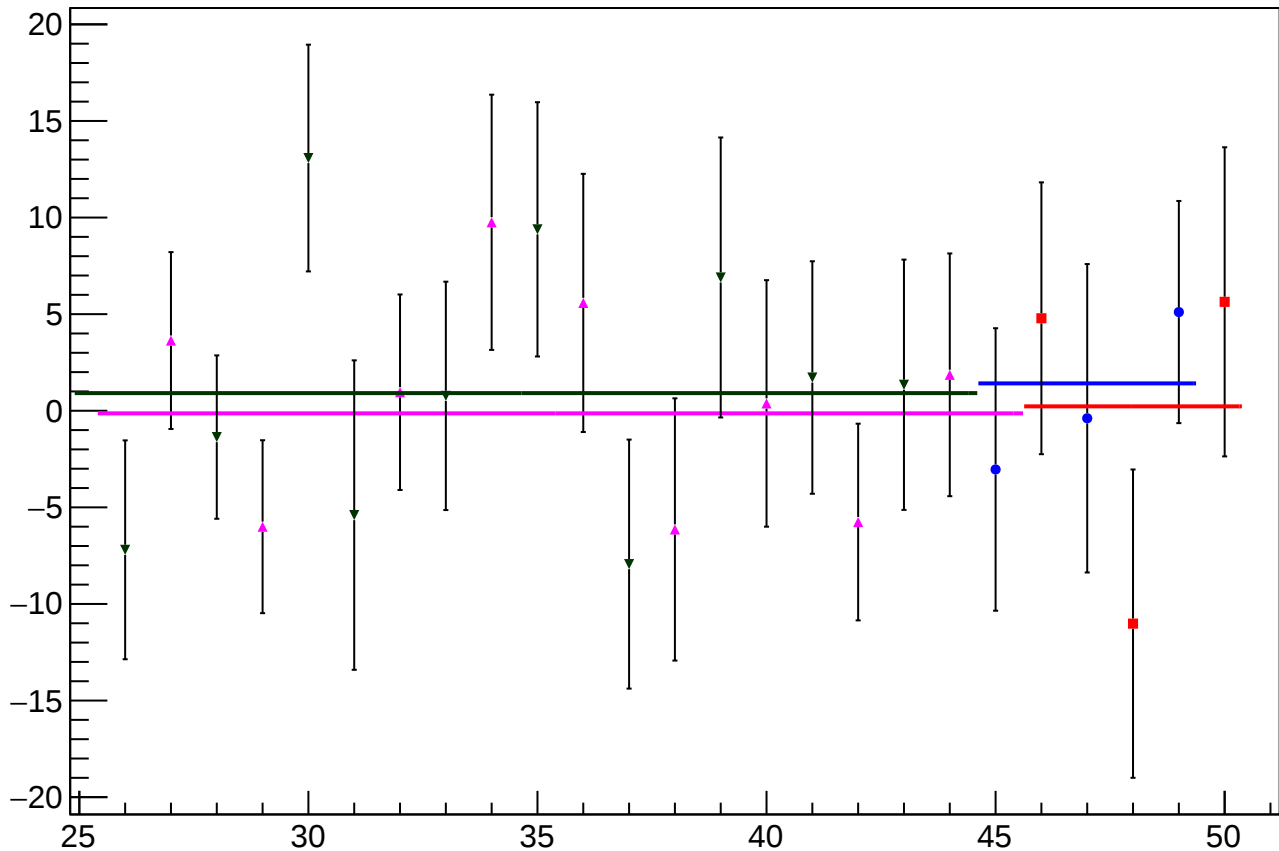
diff_bpm4eX_rms vs slug



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: 8640.124+/-5.181 χ^2/NDF : 20585.7/2
 Left In: 10010.873+/-2.999 χ^2/NDF :86966.6/8

9726.292+/-2.598 χ^2/NDF : 336140.7/12
 9666.879+/-2.595 χ^2/NDF : 159983.8/11

diff_bpm4eY_mean vs slug



Right In: 1.417 ± 3.933 χ^2/NDF : 0.8/2

Left Out: 0.913 ± 1.896 χ^2/NDF : 11.5/9

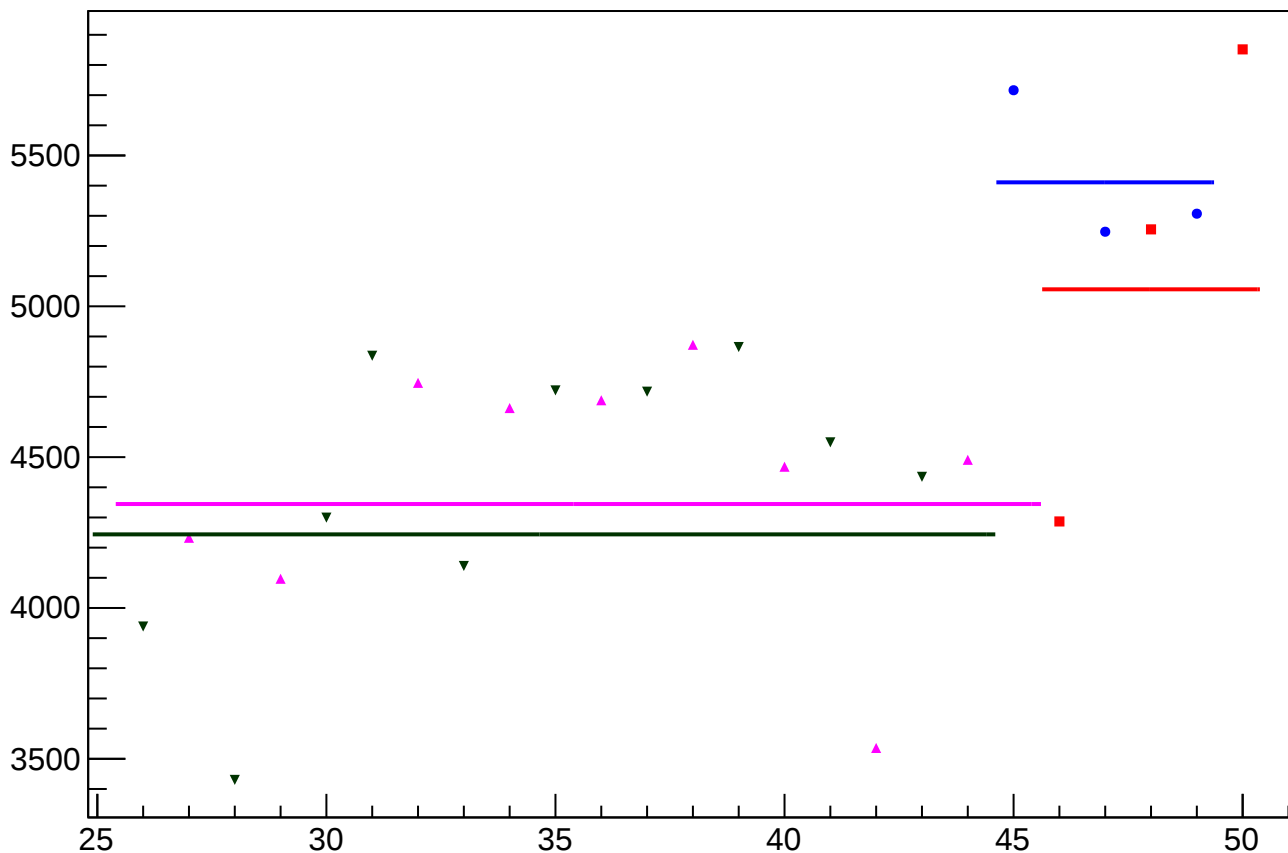
Right Out: 0.228 ± 4.405 χ^2/NDF : 2.9/2

Left In: -0.134 ± 1.850 χ^2/NDF : 7.5/8

1.008 ± 1.708 χ^2/NDF : 12.4/12

-0.080 ± 1.706 χ^2/NDF : 10.4/11

diff_bpm4eY_rms vs slug



Right In: 5410.952+/-2.781 χ^2/NDF : 4983.7/2

Left Out: 4243.997+/-1.341 χ^2/NDF : 134537.2/9

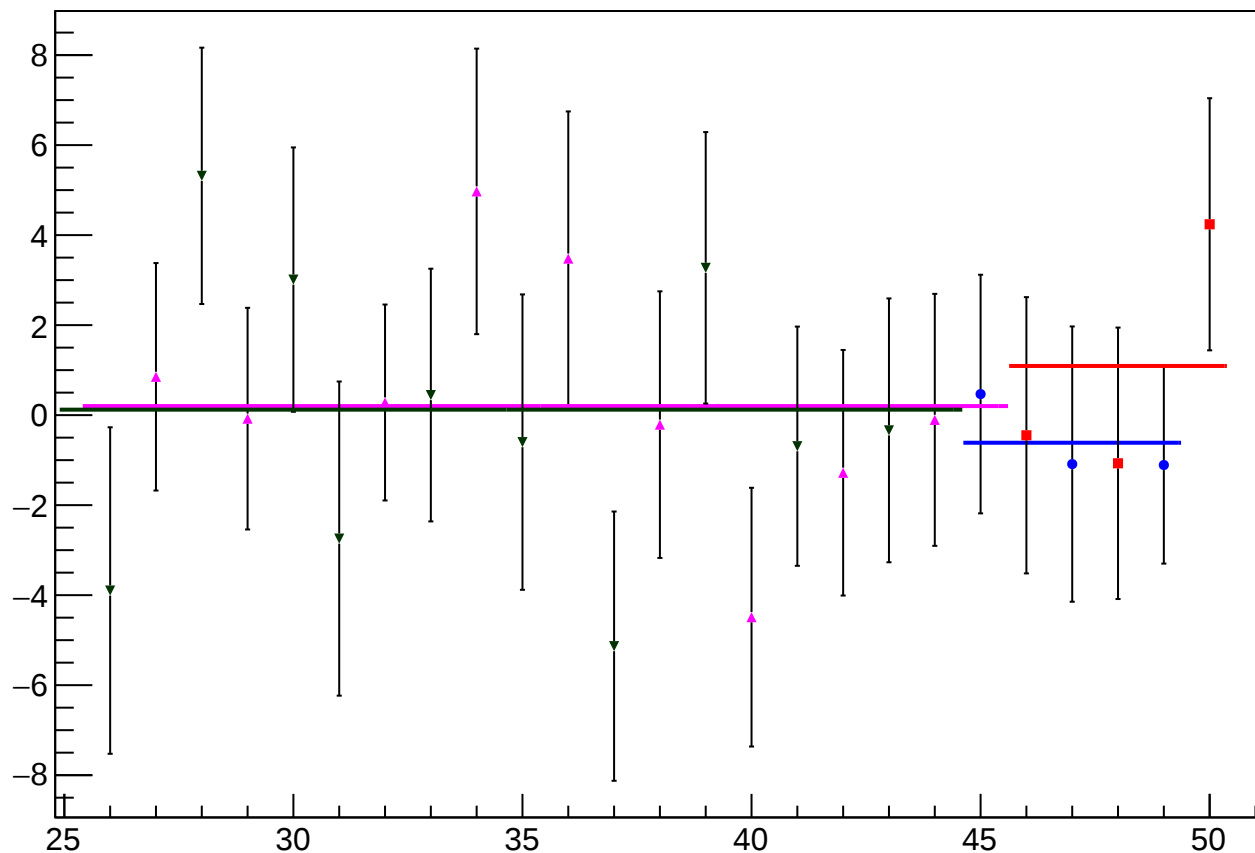
Right Out: 5056.318+/-3.115 χ^2/NDF : 44936.7/2

Left In: 4344.593+/-1.308 χ^2/NDF : 94267.5/8

4464.169+/-1.208 χ^2/NDF : 282395.1/12

4451.289+/-1.206 χ^2/NDF : 183588.7/11

diff_bpm4acX_mean vs slug



Right In: -0.613 ± 1.478 $\chi^2/\text{NDF}: 0.2/2$

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

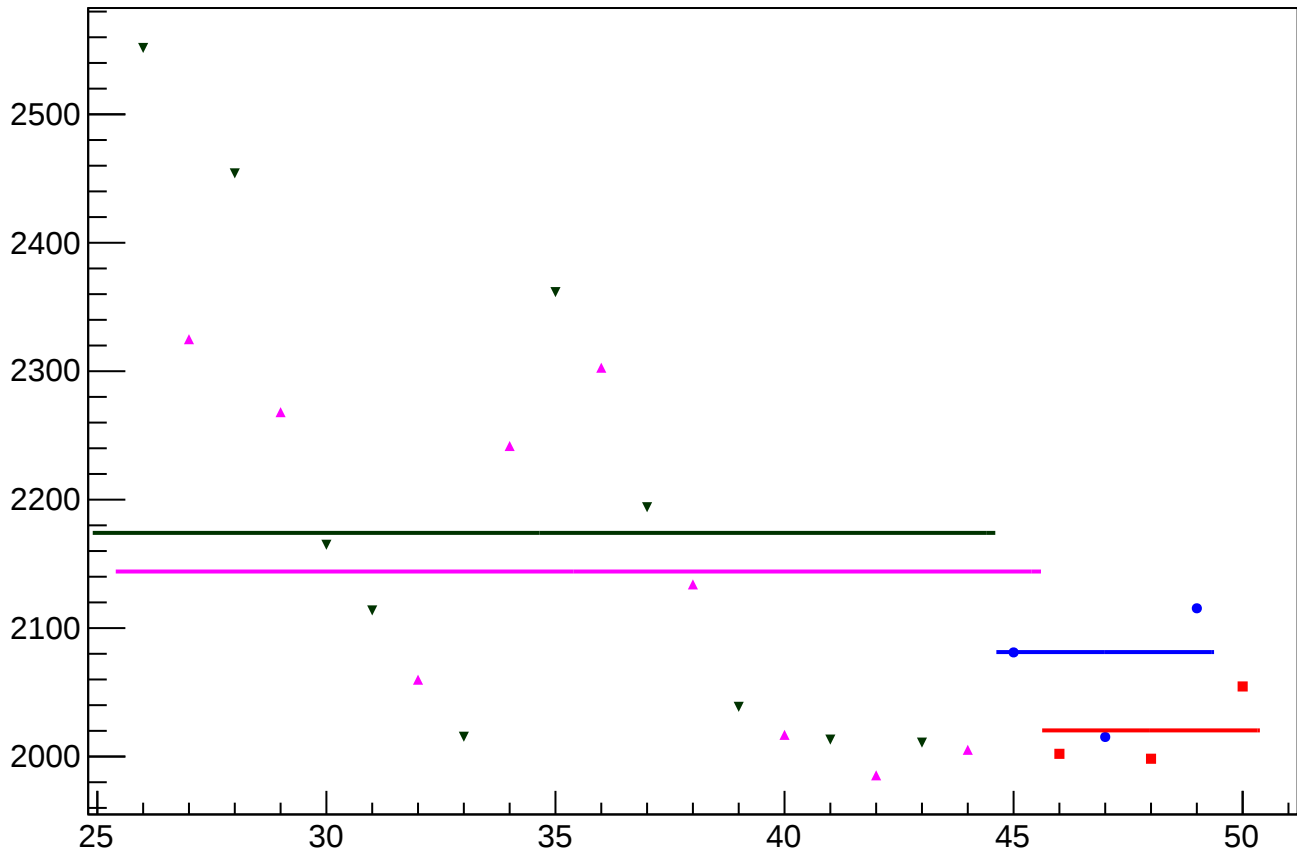
Right Out: 1.093 ± 1.706 $\chi^2/\text{NDF}: 2.0/2$

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

-0.095 ± 0.802 $\chi^2/\text{NDF}: 11.0/12$

0.397 ± 0.799 $\chi^2/\text{NDF}: 8.6/11$

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

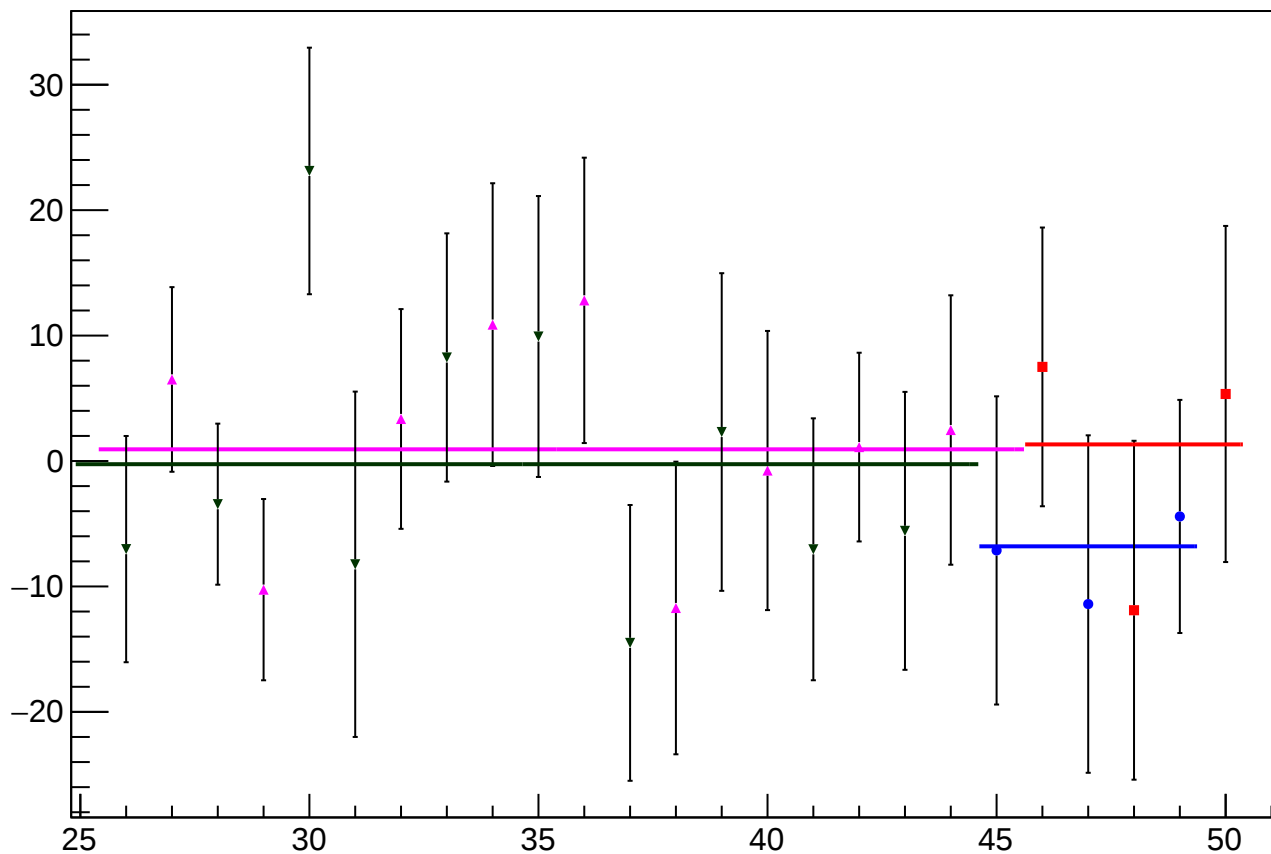
Right Out: 2020.351+/-1.206 χ^2/NDF : 475.9/2

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

2146.810+/-0.567 χ^2/NDF : 79153.0/12

2116.915+/-0.565 χ^2/NDF : 49221.5/11

diff_bpm4acY_mean vs slug



Right In: -6.802+/-6.491 χ^2/NDF : 0.2/2

Left Out: -0.253+/-3.128 χ^2/NDF : 10.7/9

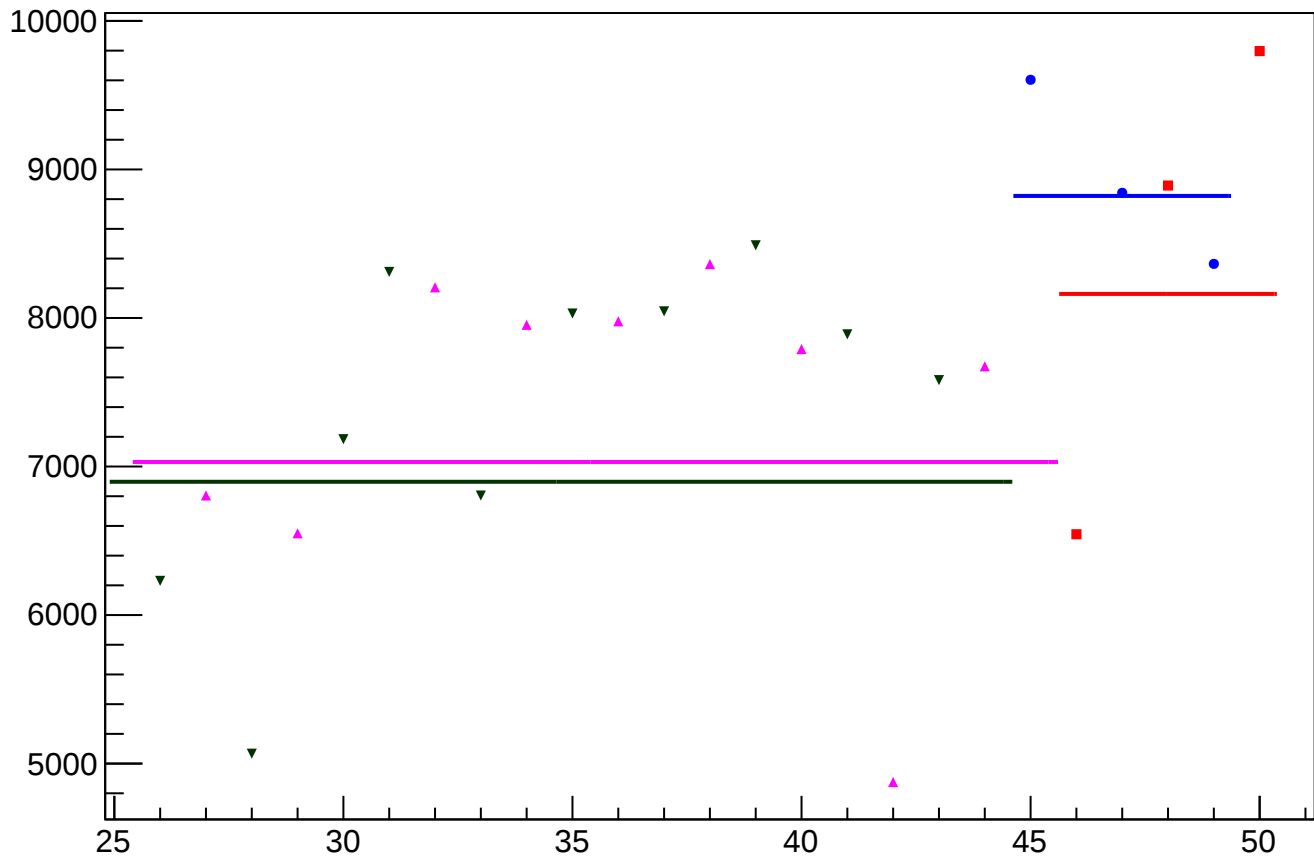
Right Out: 1.325+/-7.226 χ^2/NDF : 1.4/2

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

-1.487+/-2.818 χ^2/NDF : 11.8/12

0.992+/-2.804 χ^2/NDF : 7.5/11

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

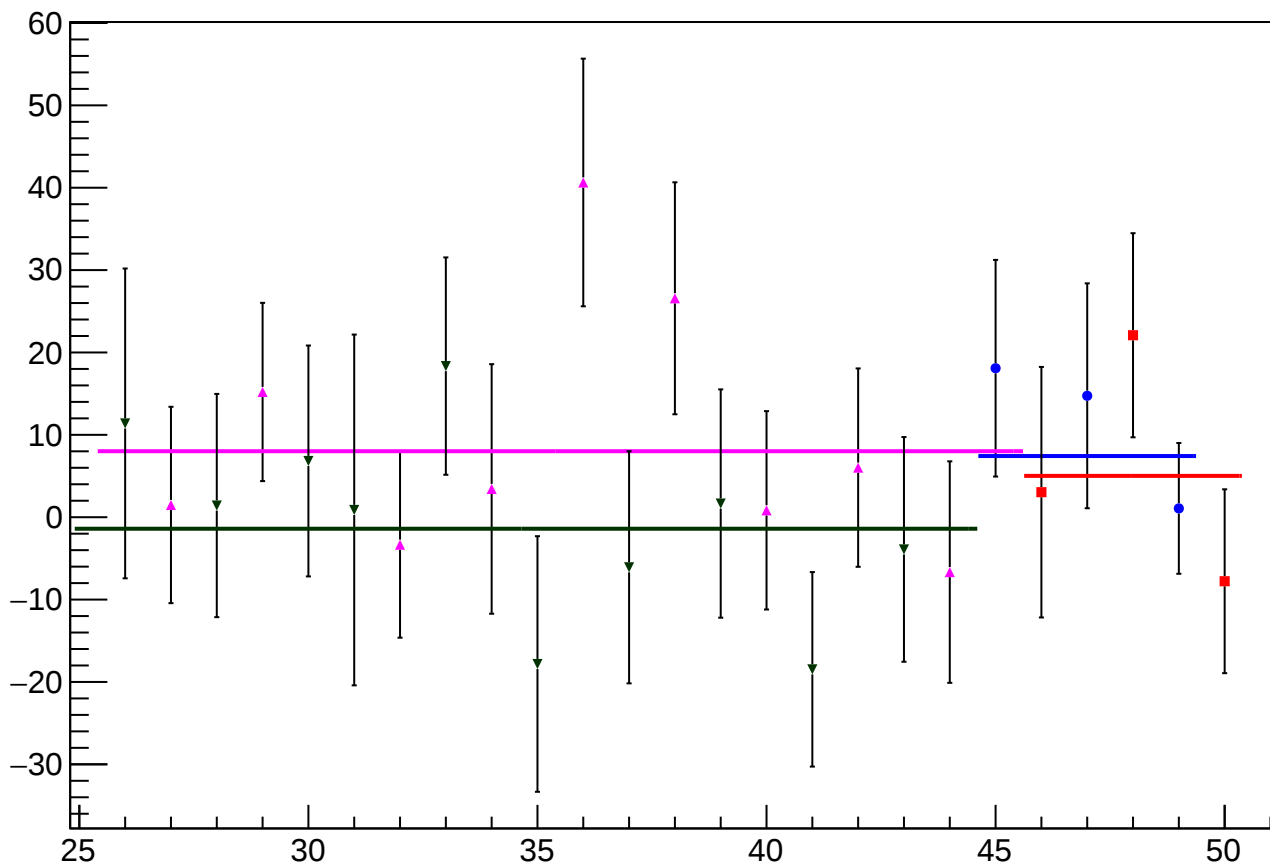
Right Out: 8162.000+/-5.110 χ^2/NDF : 78026.8/2

Left In: 7030.553+/-2.152 χ^2/NDF : 280714.3/8

7259.942+/-1.993 χ^2/NDF : 451676.1/12

7200.942+/-1.983 χ^2/NDF : 400387.4/11

diff_bpm4ecX_mean vs slug



Right In: 7.426 $\pm$ 6.084 χ^2 /NDF: 1.6/2

Left Out: -1.399 $\pm$ 4.552 χ^2 /NDF:6.5/9

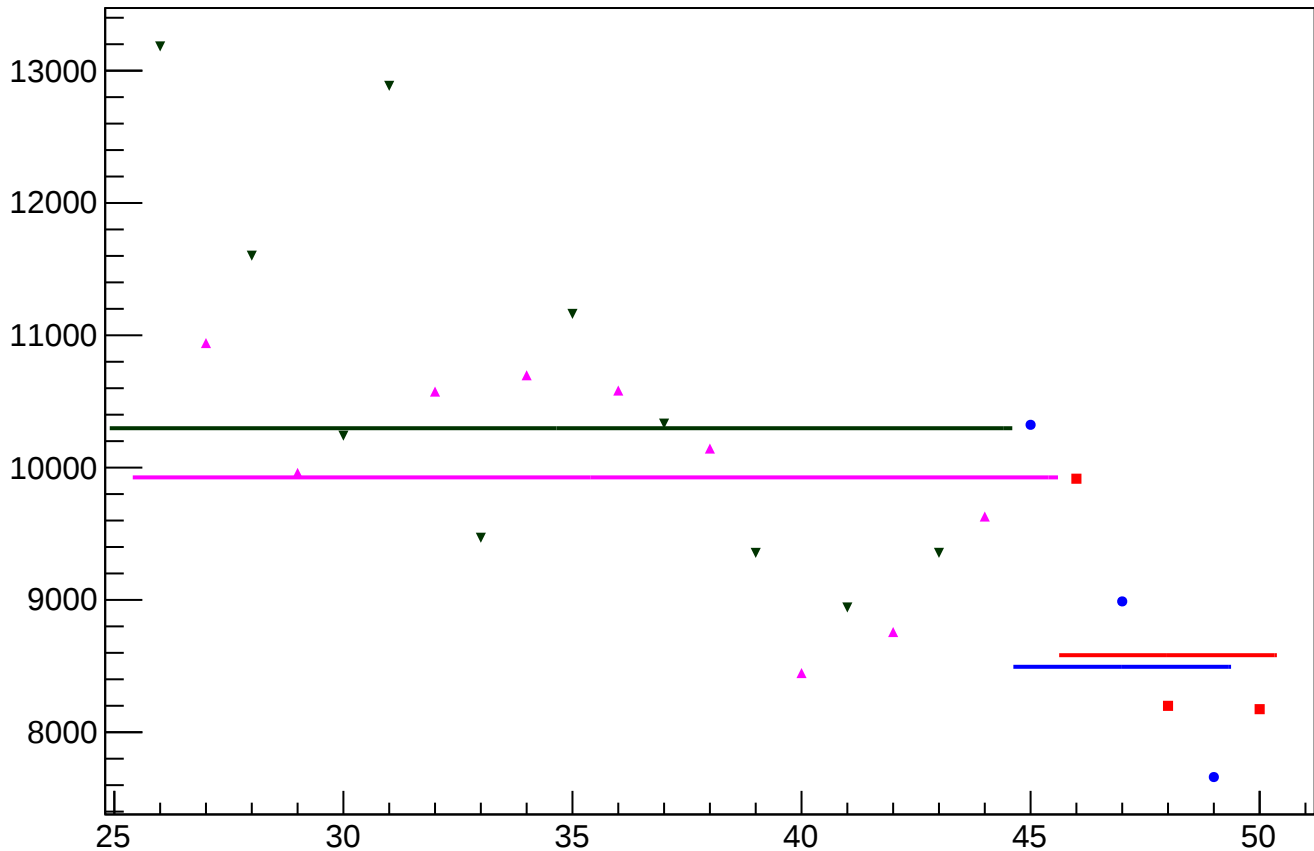
Right Out: 5.018 $\pm$ 7.281 χ^2 /NDF: 3.2/2

Left In: 8.013 $\pm$ 4.204 χ^2 /NDF:9.9/8

1.768 $\pm$ 3.645 χ^2 /NDF: 9.4/12

7.264 $\pm$ 3.641 χ^2 /NDF: 13.2/11

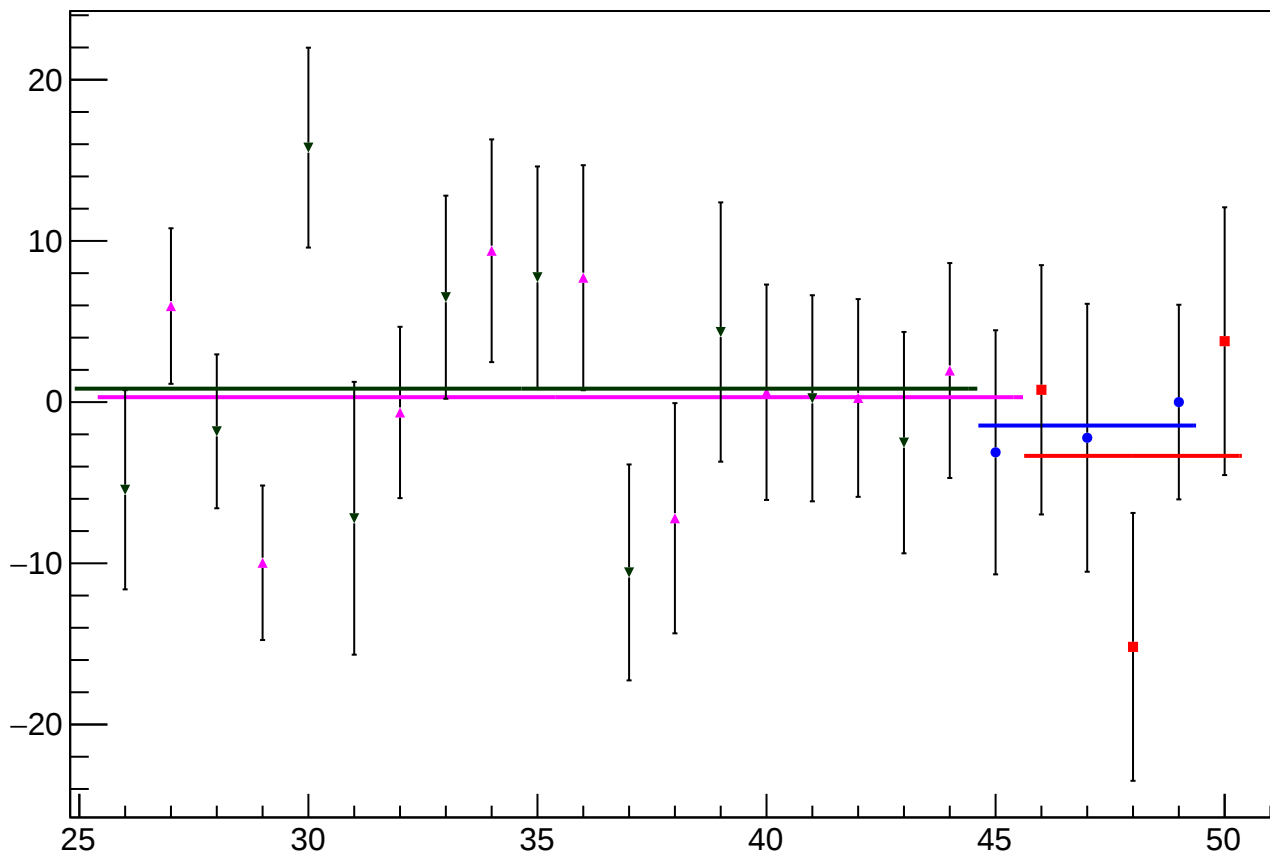
diff_bpm4ecX_rms vs slug



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: 8582.228+/-5.148 χ^2/NDF : 19968.0/2
 Left In: 9926.075+/-2.973 χ^2/NDF : 80597.8/8

9650.522+/-2.577 χ^2/NDF : 330354.6/12
 9590.049+/-2.574 χ^2/NDF : 151665.2/11

diff_bpm4ecY_mean vs slug



Right In: -1.453 ± 4.105 $\chi^2/\text{NDF}: 0.1/2$

Left Out: 0.835 ± 2.042 $\chi^2/\text{NDF}: 13.2/9$

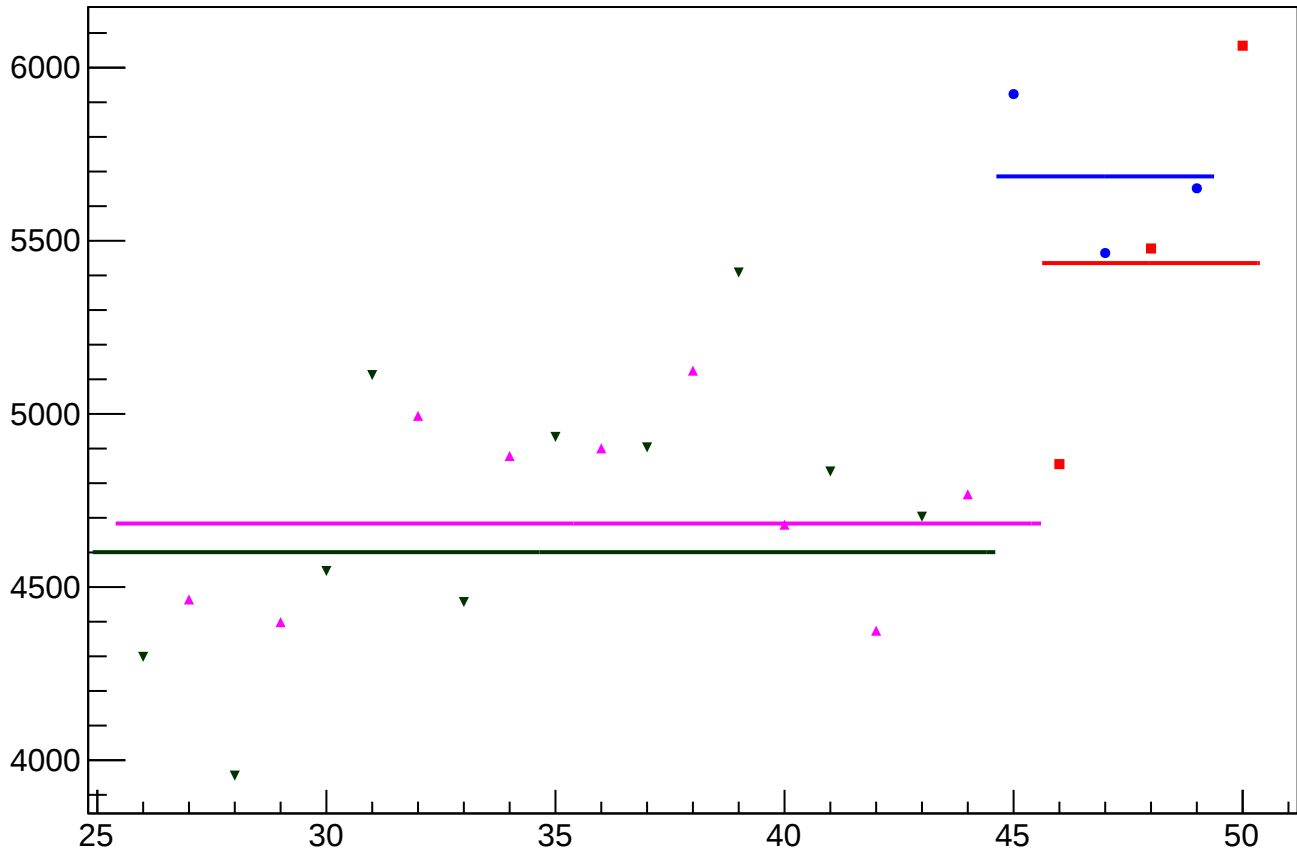
Right Out: -3.335 ± 4.678 $\chi^2/\text{NDF}: 3.0/2$

Left In: 0.306 ± 1.982 $\chi^2/\text{NDF}: 10.0/8$

0.381 ± 1.828 $\chi^2/\text{NDF}: 13.6/12$

-0.248 ± 1.825 $\chi^2/\text{NDF}: 13.6/11$

diff_bpm4ecY_rms vs slug



Right In: 5685.937+/-2.902 χ^2/NDF : 3453.3/2

Left Out: 4600.808+/-1.444 χ^2/NDF :81875.8/9

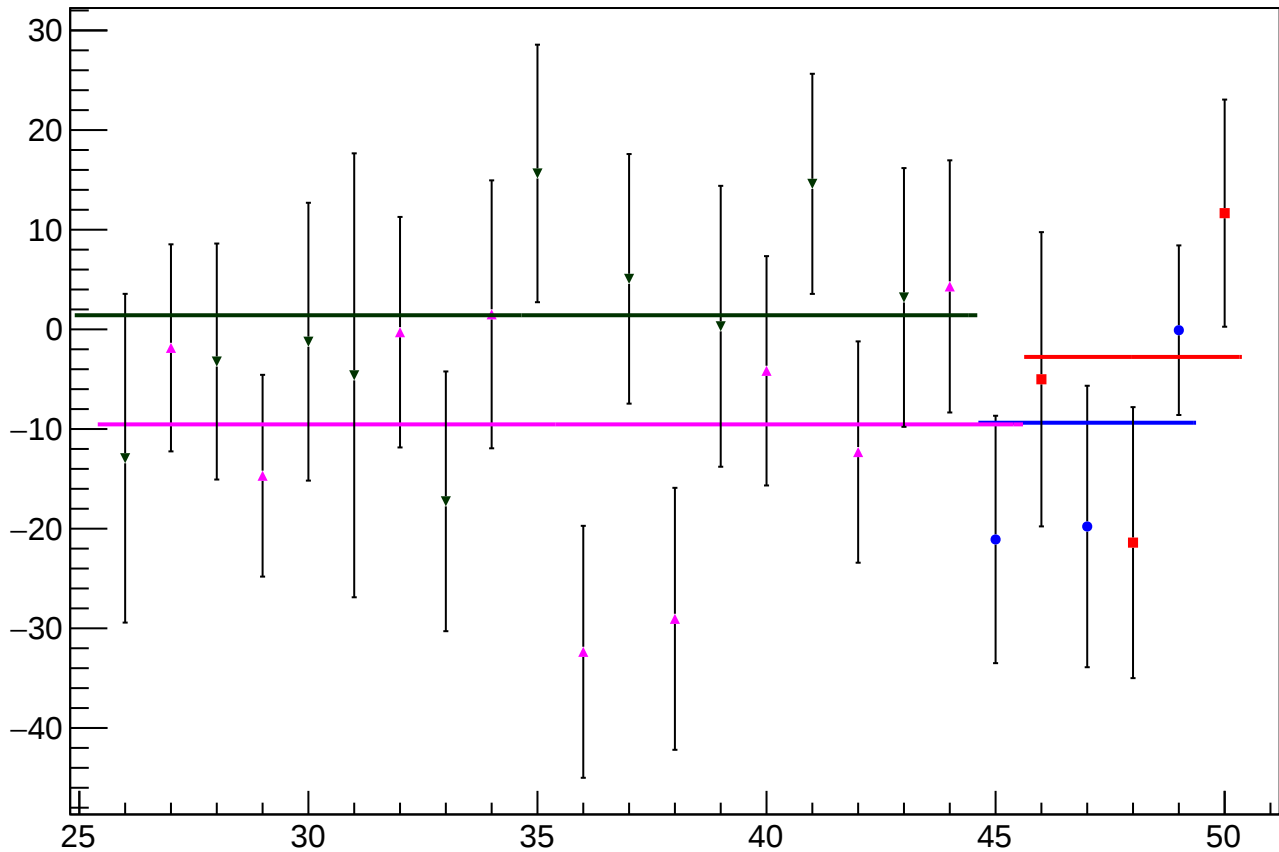
4816.085+/-1.293 χ^2/NDF : 197374.2/12

Right Out: 5435.658+/-3.308 χ^2/NDF : 22747.2/2

4798.057+/-1.291 χ^2/NDF : 101199.2/11

Left In: 4683.543+/-1.402 χ^2/NDF :34622.6/8

diff_bpm1X_mean vs slug



Right In: -9.368 $\pm$ 6.285 χ^2/NDF : 2.6/2

Left Out: 1.417 $\pm$ 4.249 χ^2/NDF : 5.8/9

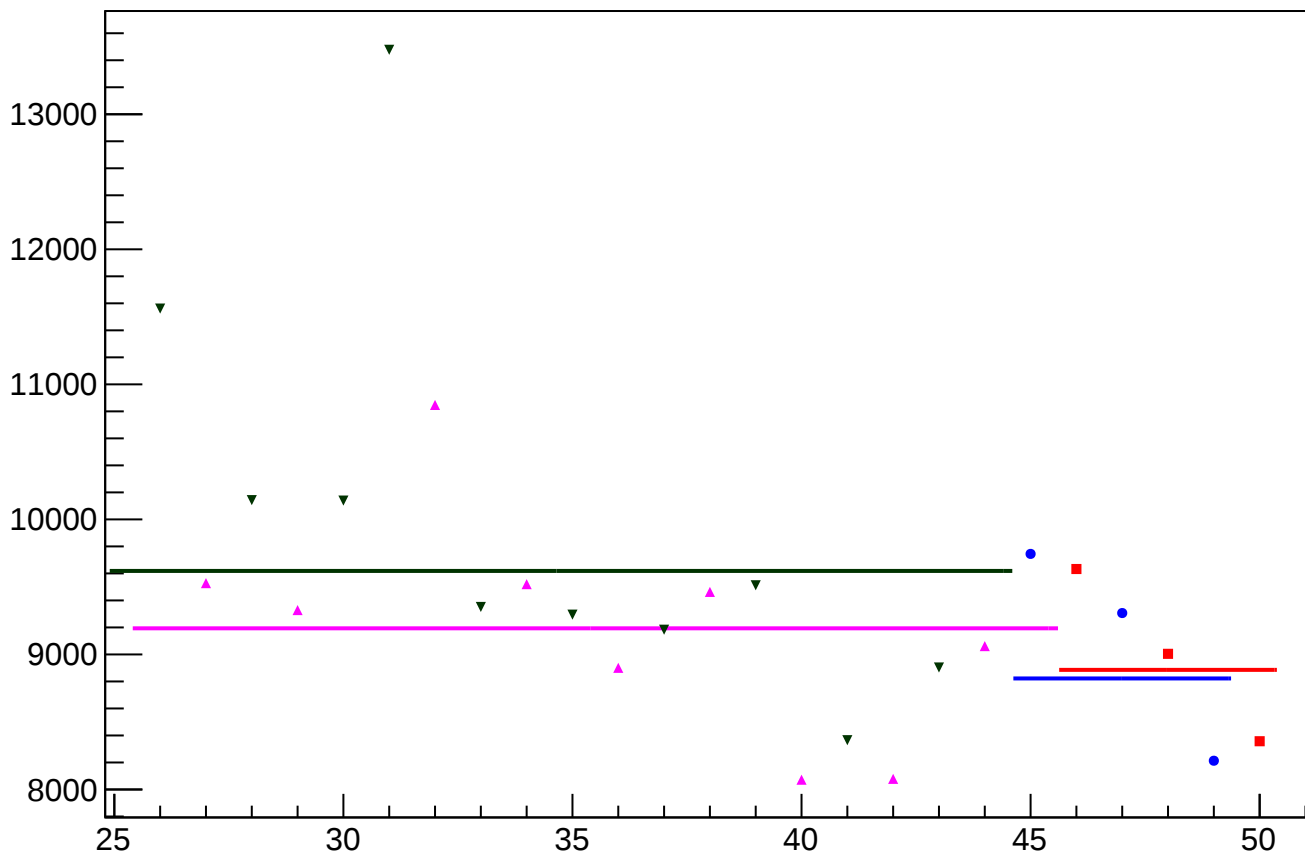
Right Out: -2.765 $\pm$ 7.518 χ^2/NDF : 3.5/2

Left In: -9.535 $\pm$ 3.893 χ^2/NDF : 9.1/8

-1.966 $\pm$ 3.520 χ^2/NDF : 10.5/12

-8.103 $\pm$ 3.457 χ^2/NDF : 13.2/11

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

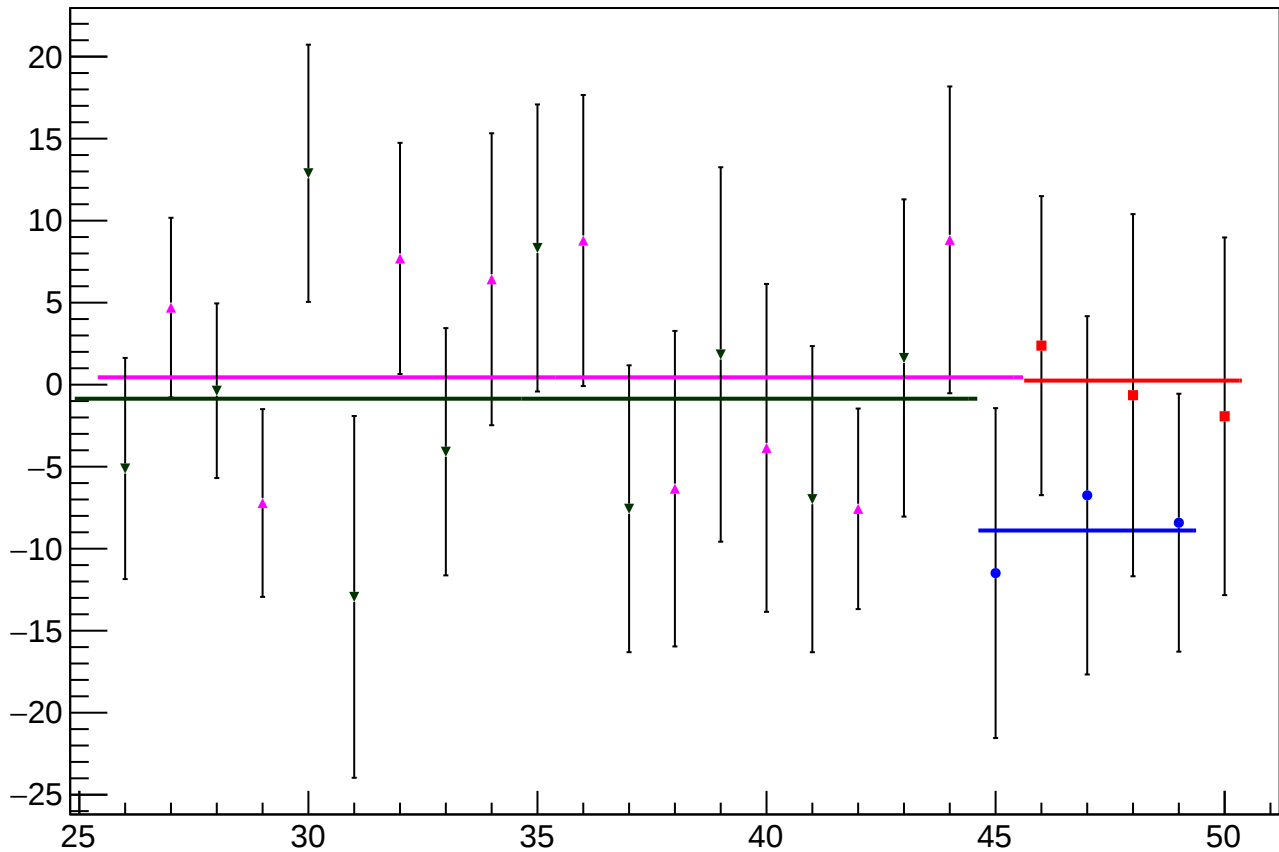
Right Out: 8885.772+/-5.316 χ^2/NDF : 9570.3/2

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

9368.669+/-2.489 χ^2/NDF : 176609.5/12

9128.347+/-2.444 χ^2/NDF : 97990.6/11

diff_bpm1Y_mean vs slug



Right In: -8.891 $\pm$ 5.388 χ^2/NDF : 0.1/2

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

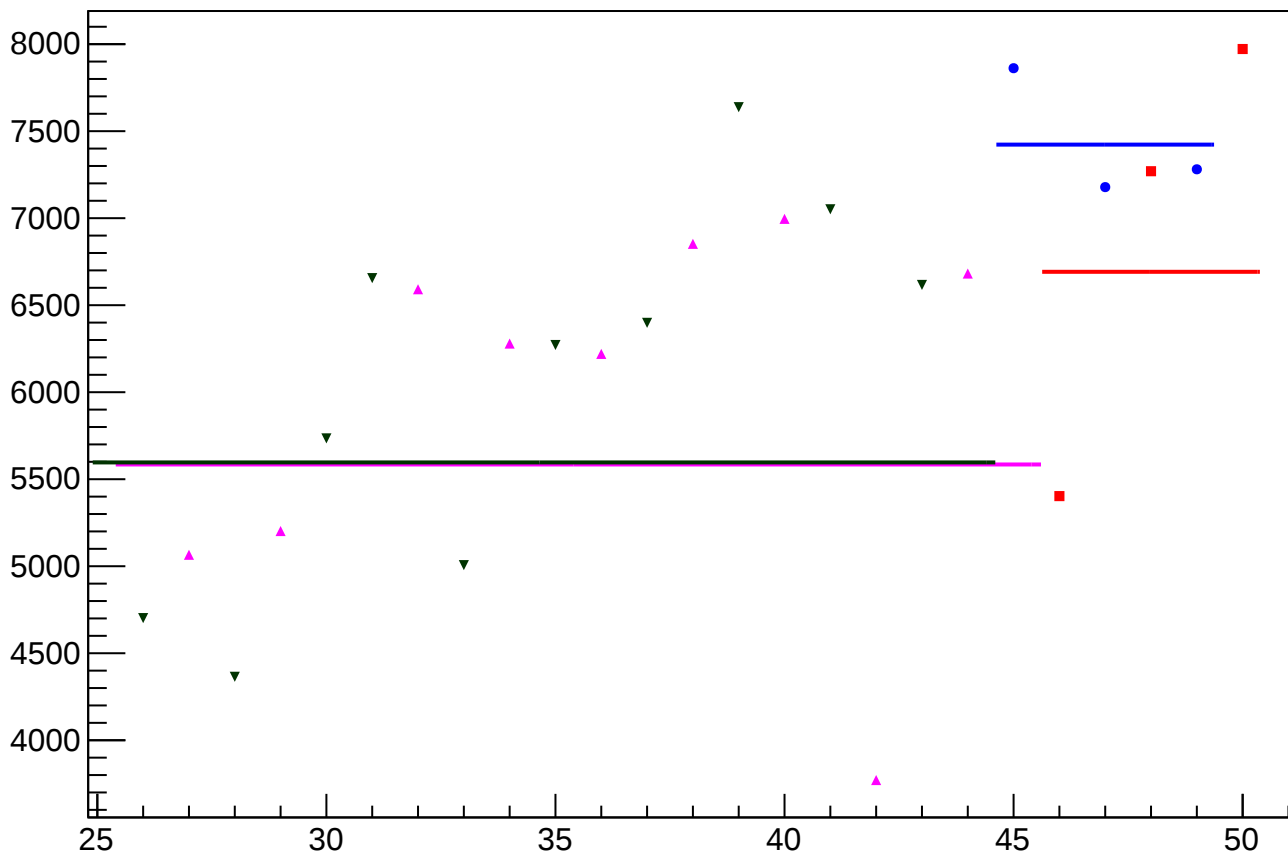
Right Out: 0.250 $\pm$ 5.908 χ^2/NDF : 0.1/2

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

-2.314 $\pm$ 2.295 χ^2/NDF : 9.0/12

0.419 $\pm$ 2.253 χ^2/NDF : 8.1/11

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

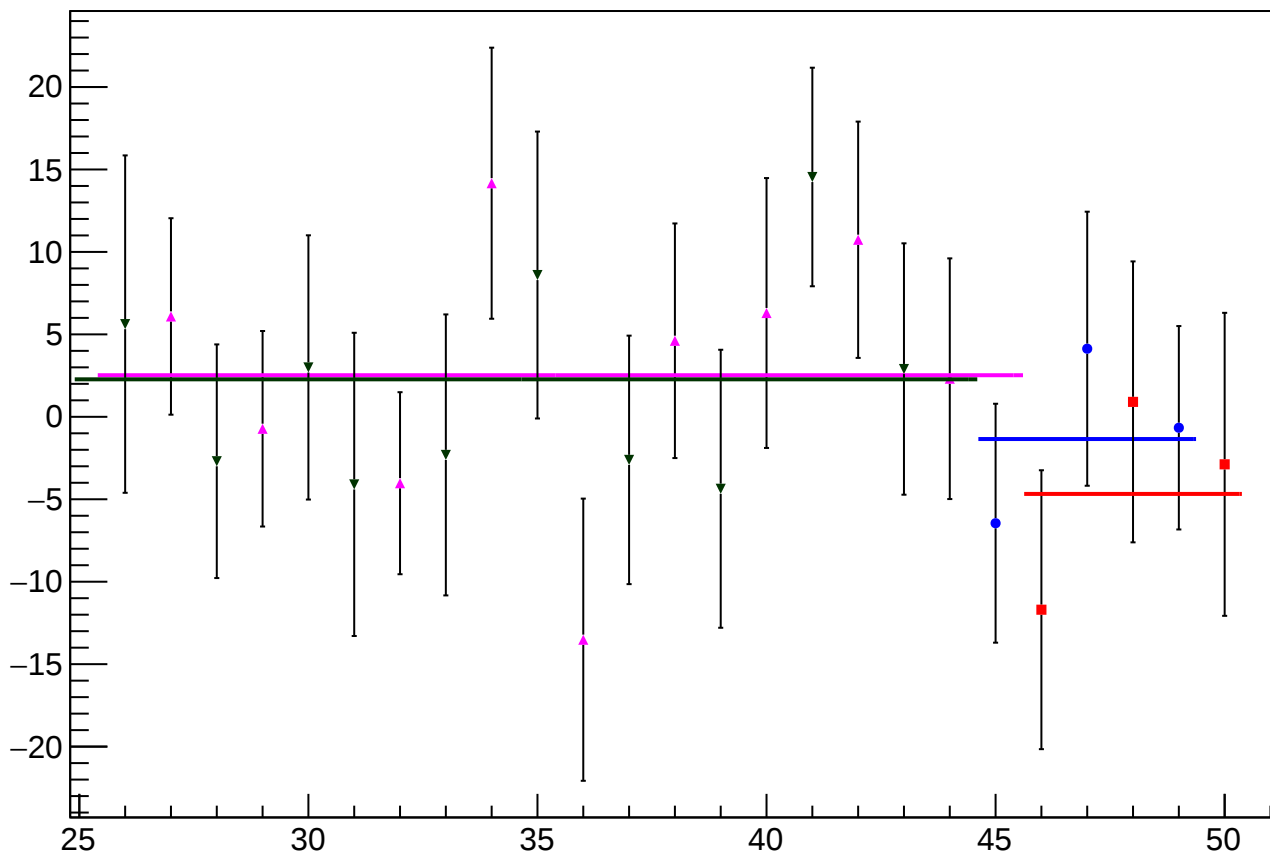
Right Out: 6691.870 $\pm$ 4.178 χ^2 /NDF: 73036.3/2

Left In: 5584.691 $\pm$ 1.723 χ^2 /NDF: 368292.2/8

5927.919 $\pm$ 1.623 χ^2 /NDF: 530669.9/12

5745.714 $\pm$ 1.593 χ^2 /NDF: 501352.7/11

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

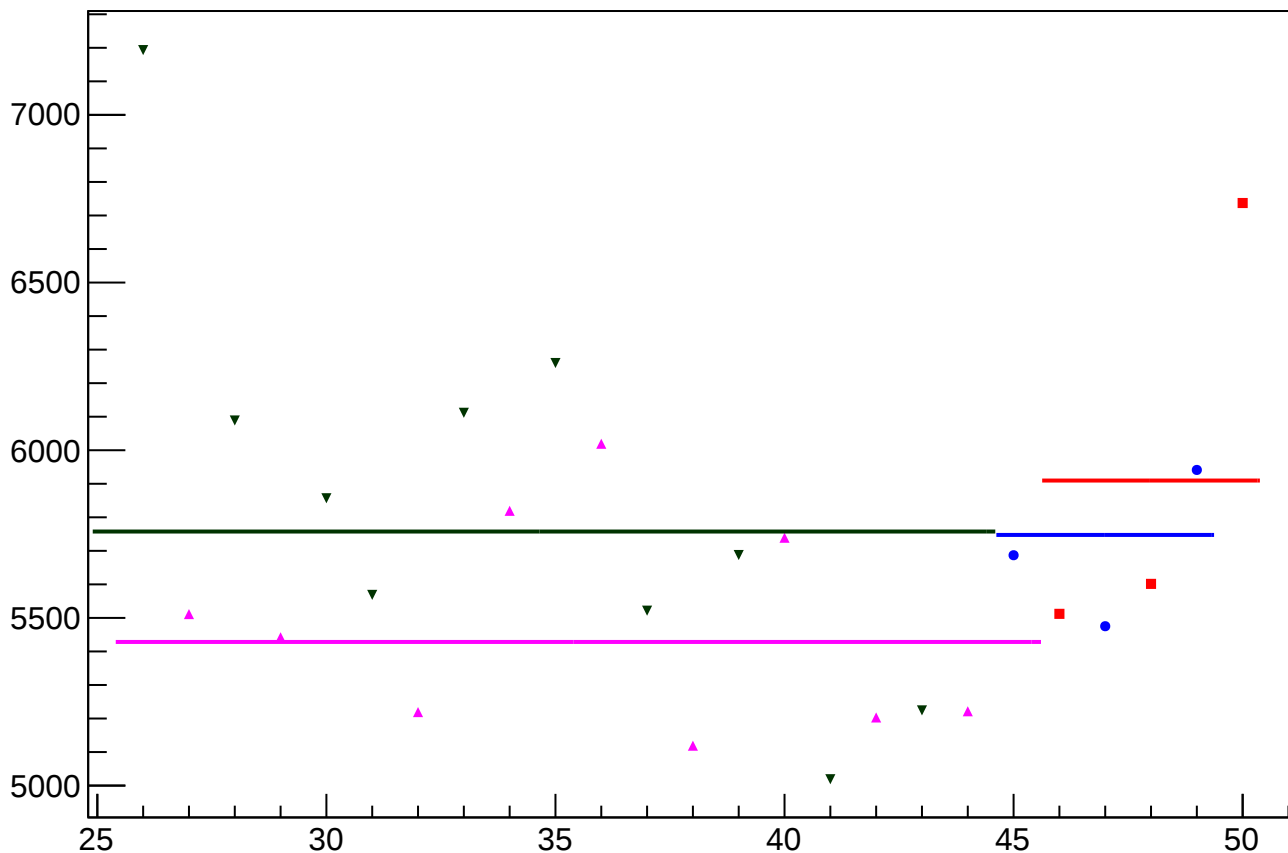
Right Out: -4.676 ± 5.025 χ^2/NDF : 1.2/2

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

1.268 ± 2.155 χ^2/NDF : 7.9/12

1.285 ± 2.083 χ^2/NDF : 12.1/11

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

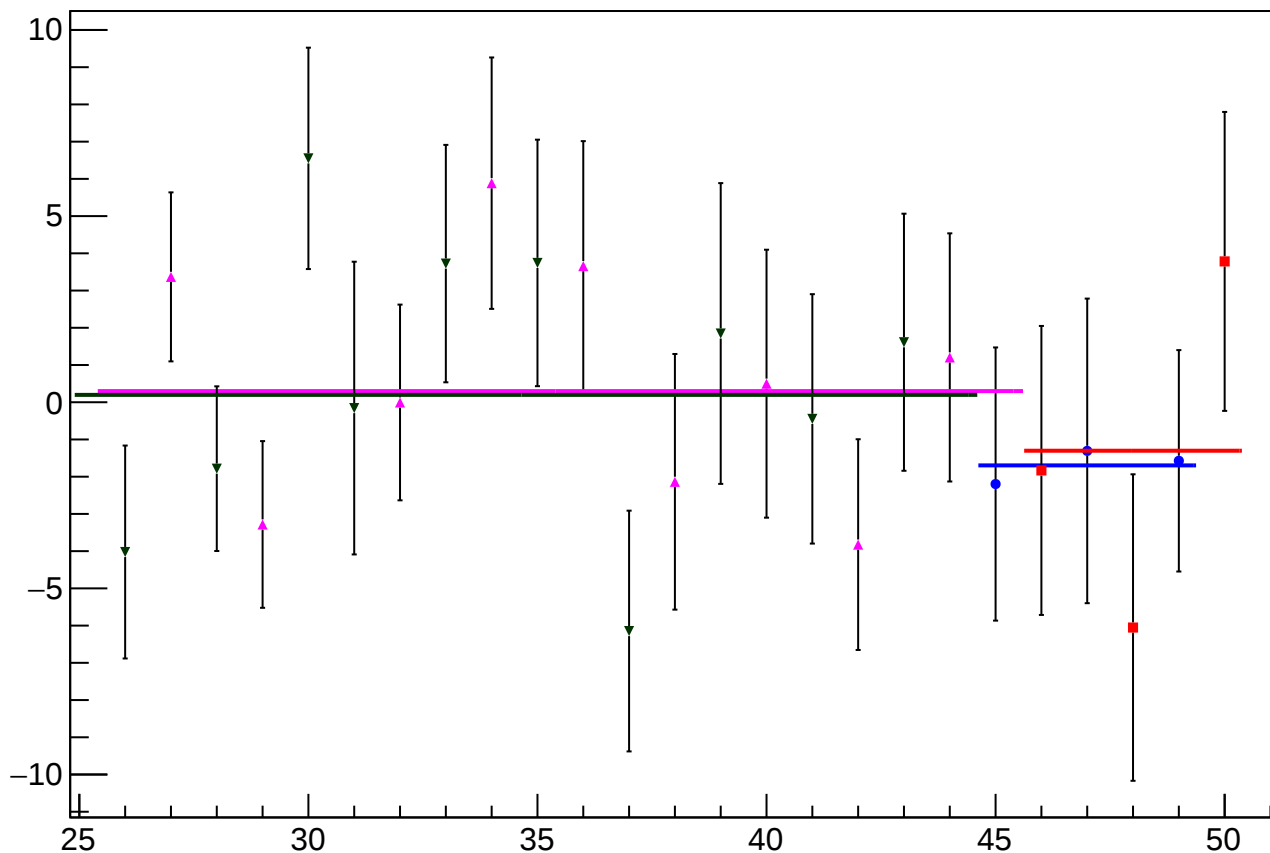
5754.775+/-1.524 χ^2/NDF : 96025.9/12

Right Out: 5909.625+/-3.553 χ^2/NDF : 23260.7/2

5511.046+/-1.473 χ^2/NDF : 66042.5/11

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

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

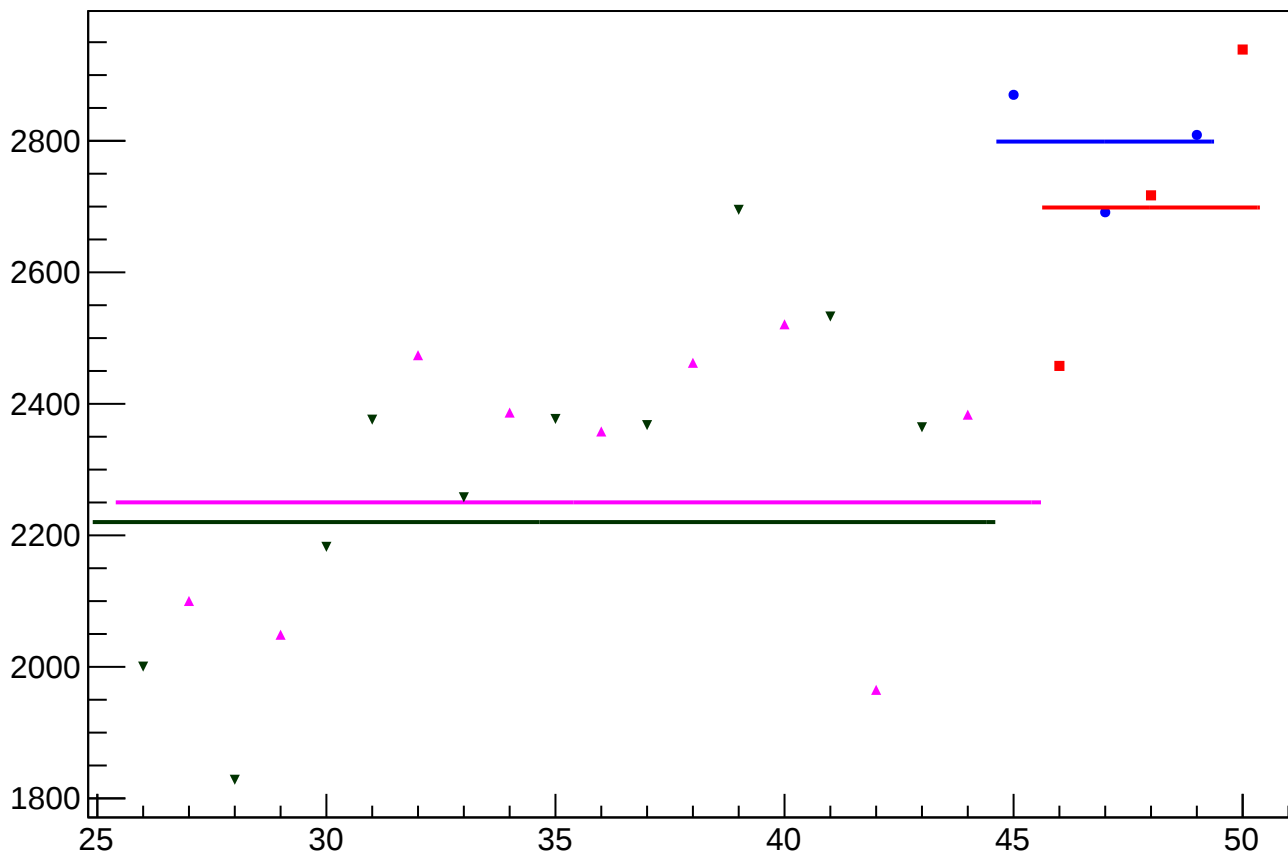
Right Out: -1.302 ± 2.310 χ^2/NDF : 3.0/2

Left In: 0.299 ± 0.957 χ^2/NDF : 10.8/8

-0.171 ± 0.887 χ^2/NDF : 14.9/12

0.064 ± 0.884 χ^2/NDF : 14.2/11

diff_bpm11Y_rms vs slug



Right In: 2798.879+/-1.423 χ^2/NDF : 2155.7/2

Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

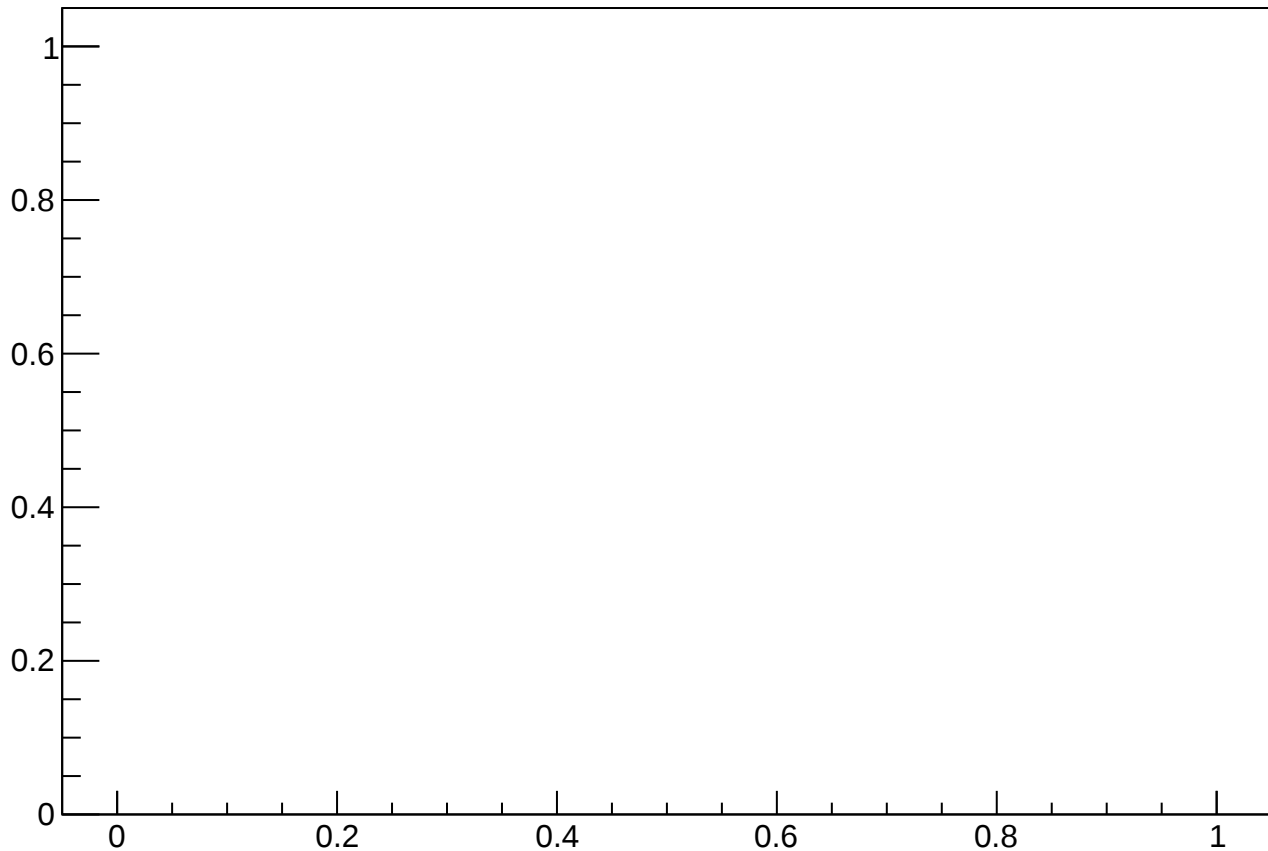
Right Out: 2698.613+/-1.633 χ^2/NDF : 14905.5/2

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

2332.691+/-0.627 χ^2/NDF : 271010.0/12

2315.891+/-0.625 χ^2/NDF : 166426.7/11

diff_bpm14X_mean vs slug



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

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

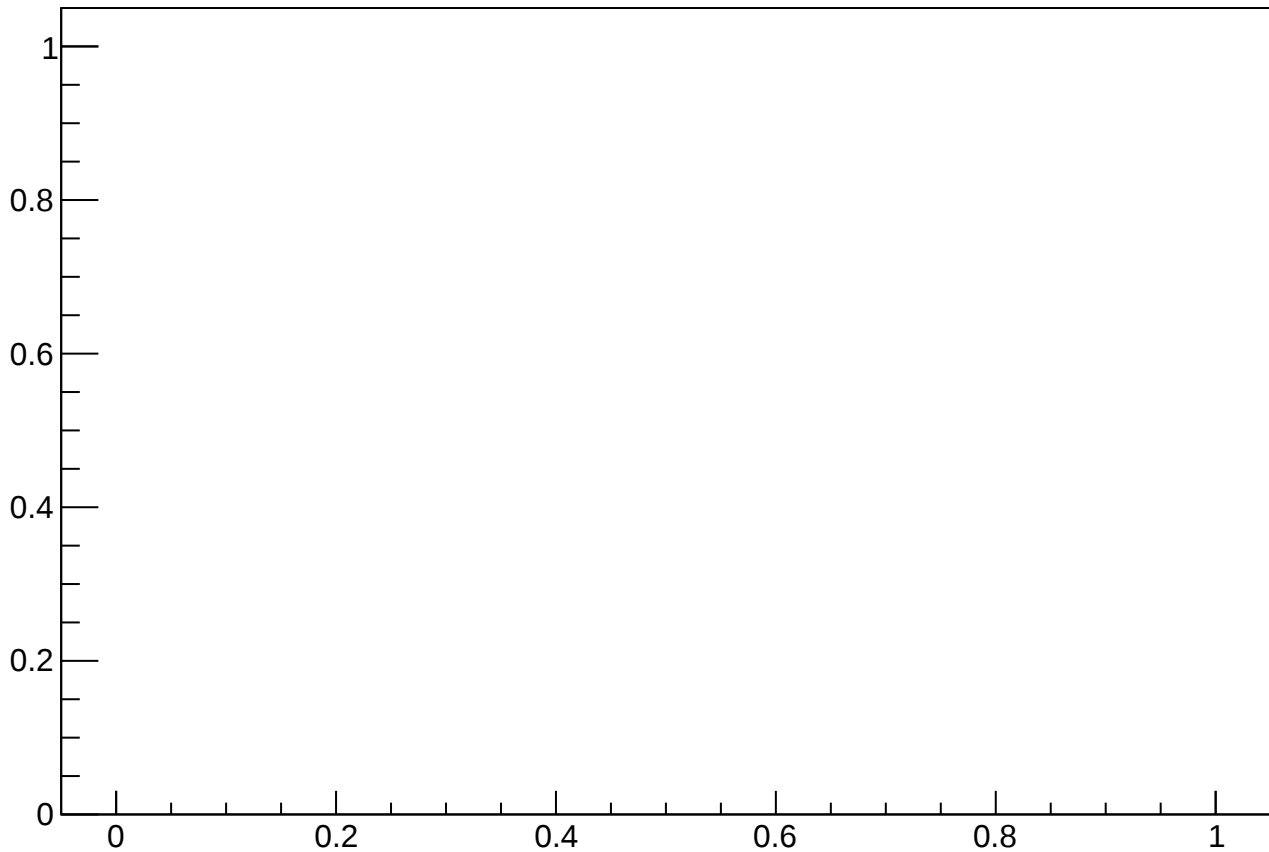
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

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

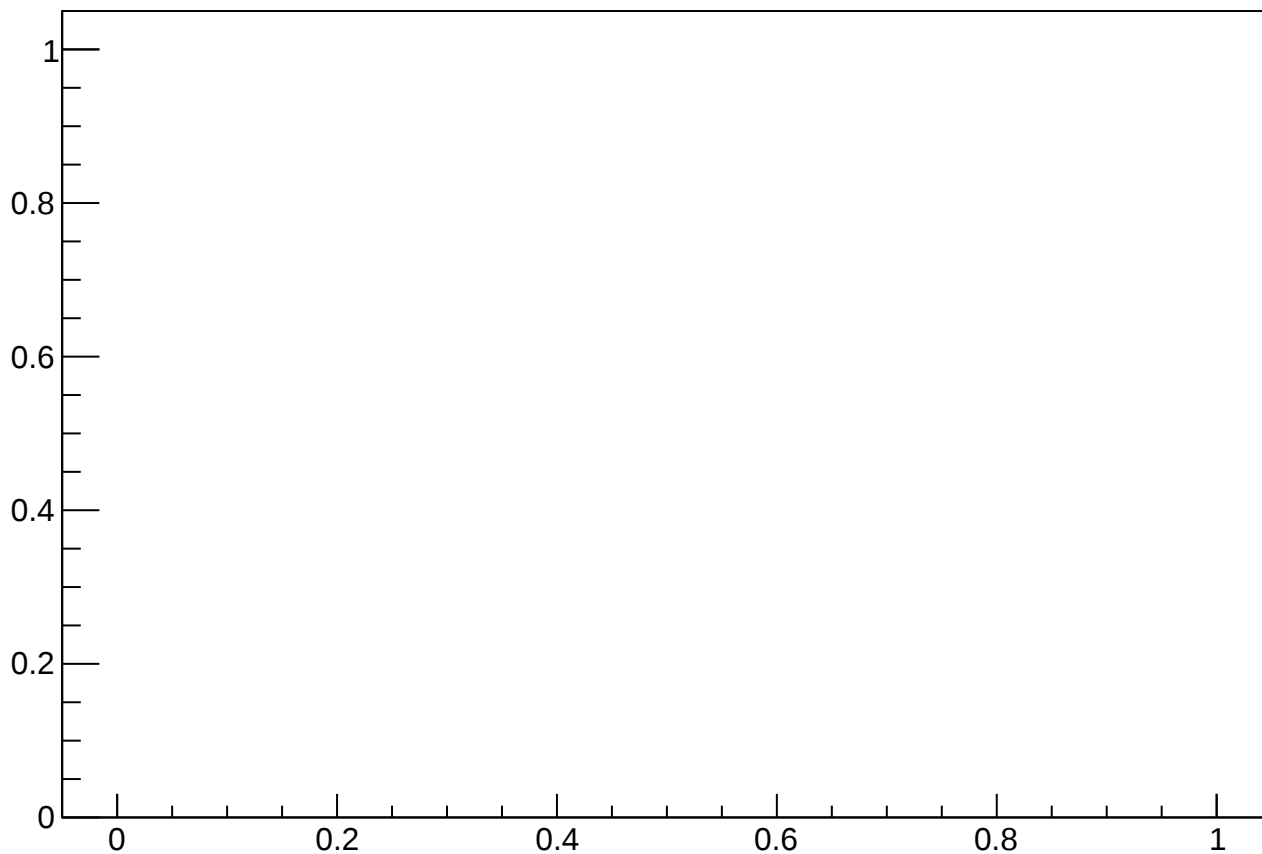
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_mean vs slug



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

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

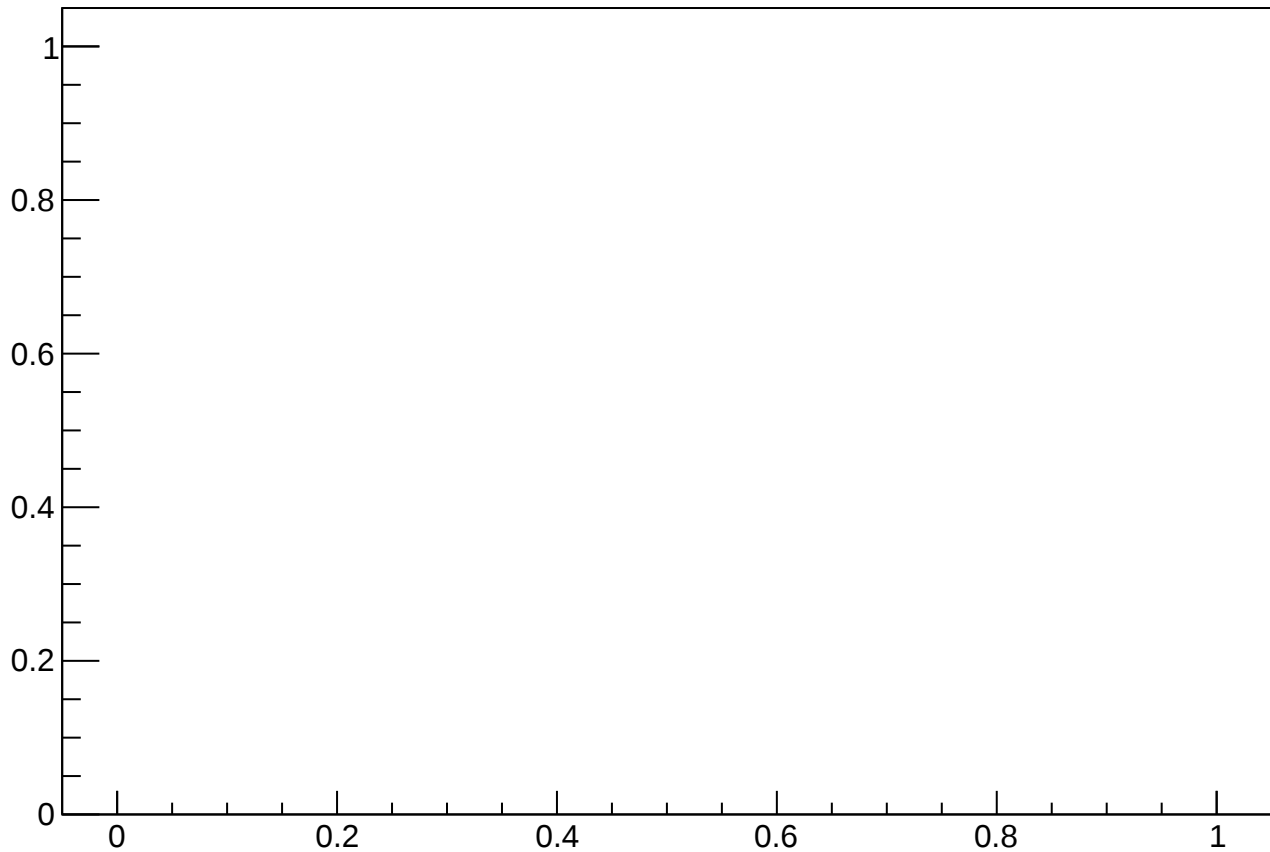
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

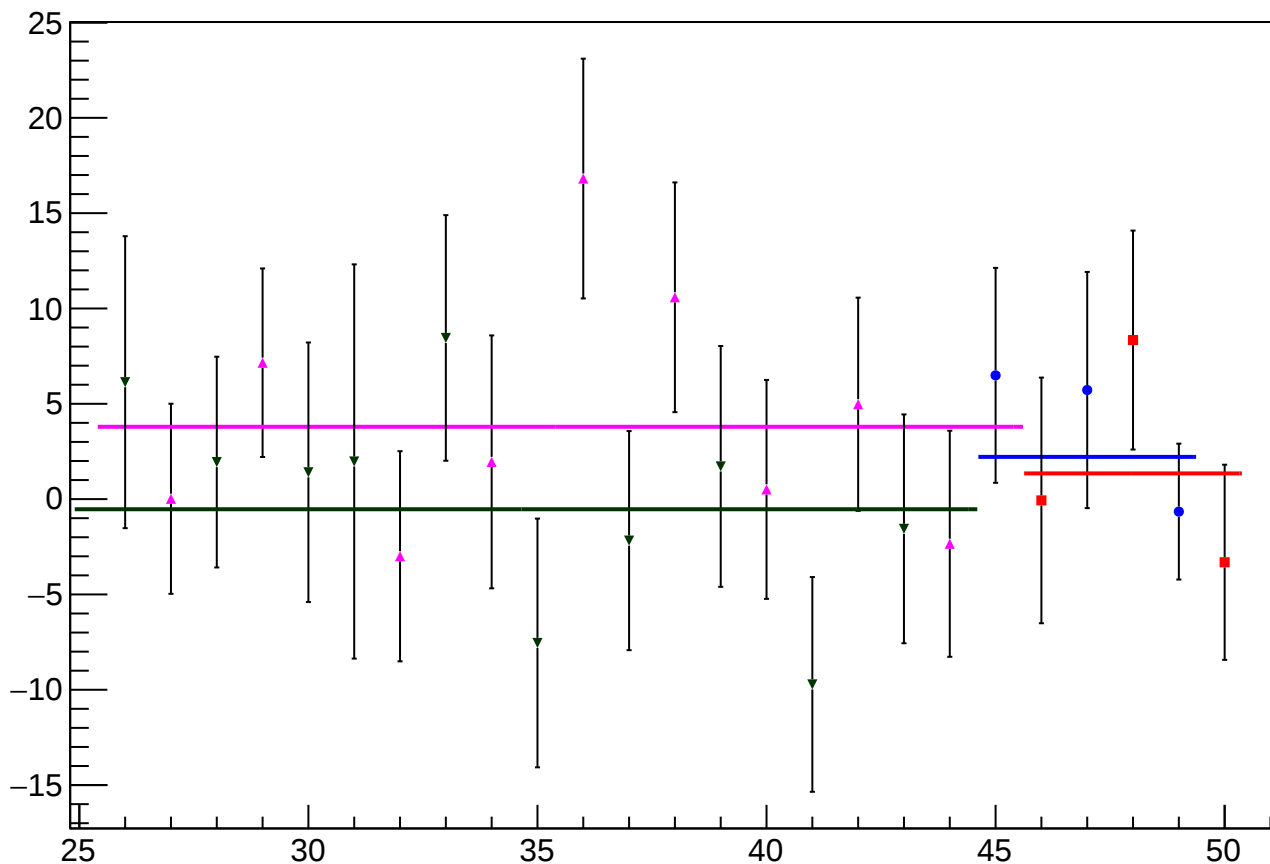
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 2.709 χ^2 /NDF: 1.5/2

Left Out: -0.532 $\pm$ 2.029 χ^2 /NDF: 7.1/9

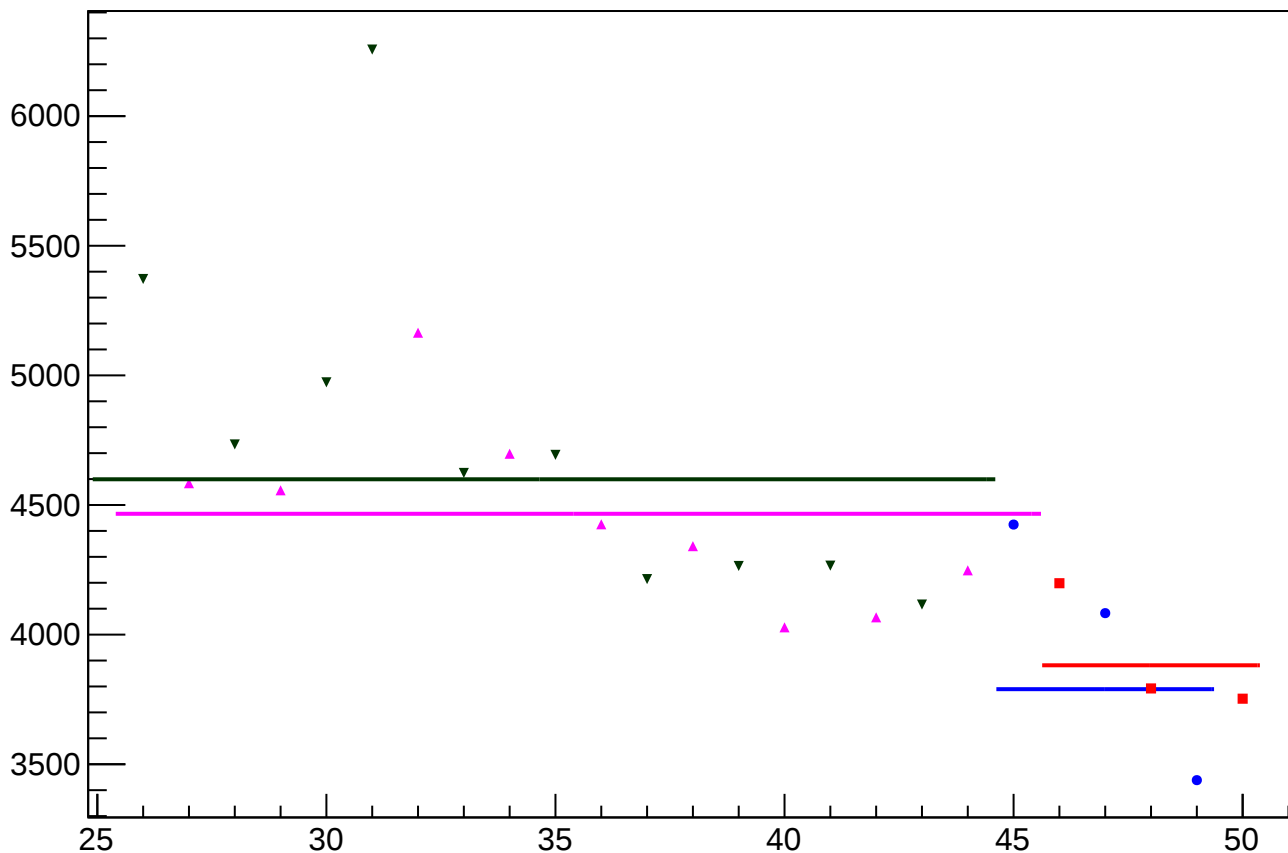
Right Out: 1.348 $\pm$ 3.286 χ^2 /NDF: 2.4/2

Left In: 3.795 $\pm$ 1.889 χ^2 /NDF: 9.6/8

0.455 $\pm$ 1.624 χ^2 /NDF: 9.3/12

3.187 $\pm$ 1.638 χ^2 /NDF: 12.4/11

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

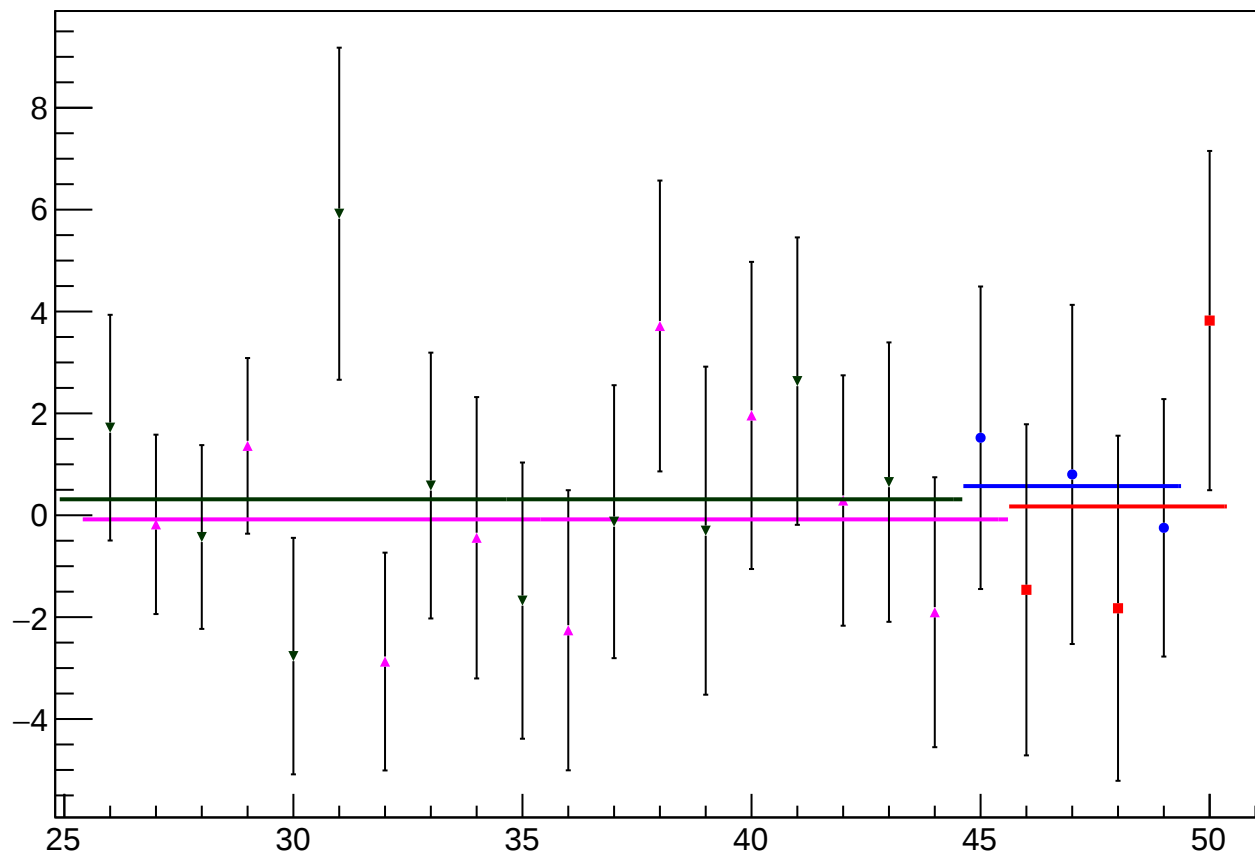
4308.304+/-1.148 χ^2/NDF : 277662.6/12

Right Out: 3881.683+/-2.324 χ^2/NDF : 6579.9/2

4320.978+/-1.158 χ^2/NDF : 115961.2/11

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

diff_bpm16Y_mean vs slug



Right In: 0.573 ± 1.666 $\chi^2/\text{NDF}: 0.2/2$

Left Out: 0.314 ± 0.799 $\chi^2/\text{NDF}: 6.6/9$

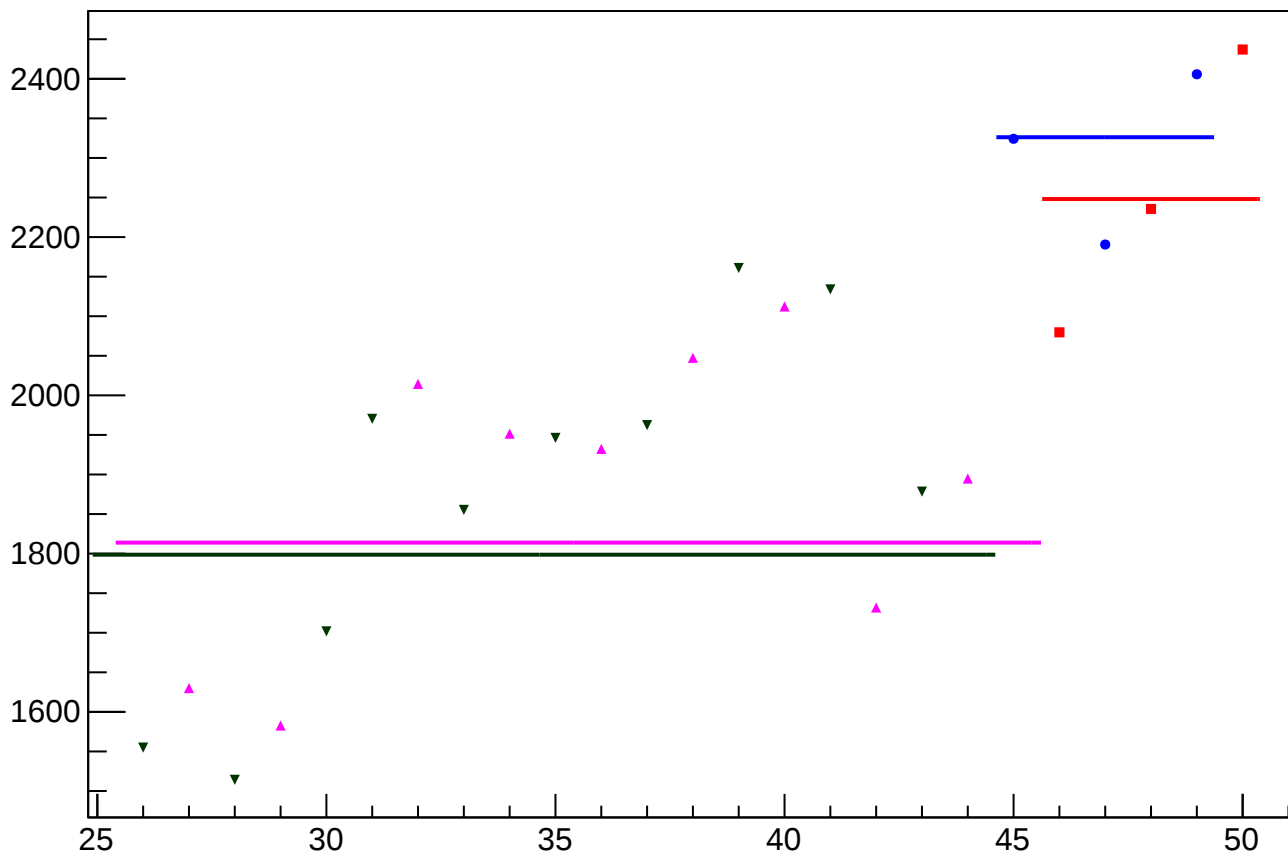
Right Out: 0.173 ± 1.918 $\chi^2/\text{NDF}: 1.8/2$

Left In: -0.081 ± 0.771 $\chi^2/\text{NDF}: 5.8/8$

0.362 ± 0.720 $\chi^2/\text{NDF}: 6.8/12$

-0.045 ± 0.715 $\chi^2/\text{NDF}: 7.6/11$

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

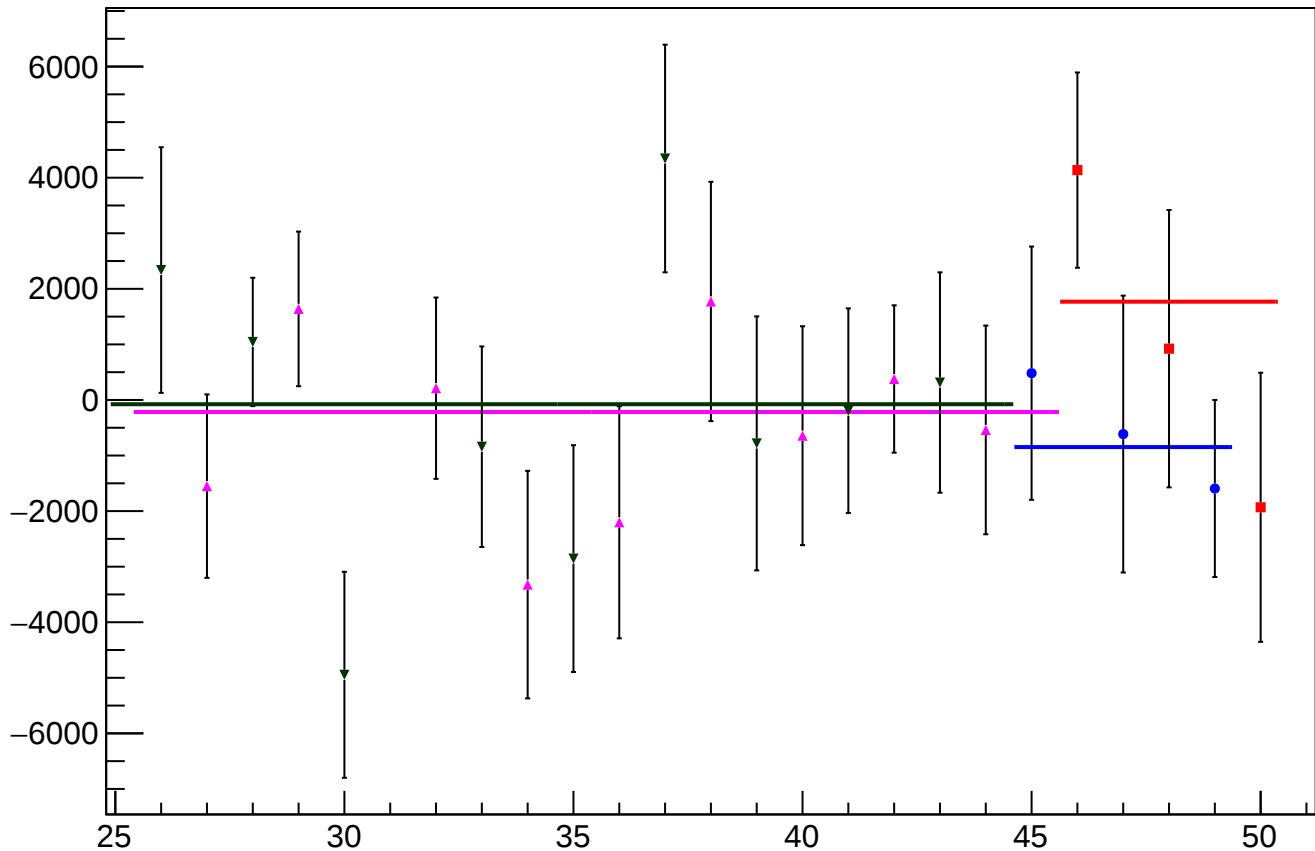
Right Out: 2248.096+/-1.356 χ^2/NDF : 11834.7/2

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

1897.194+/-0.509 χ^2/NDF : 320848.7/12

1874.354+/-0.506 χ^2/NDF : 221174.5/11

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

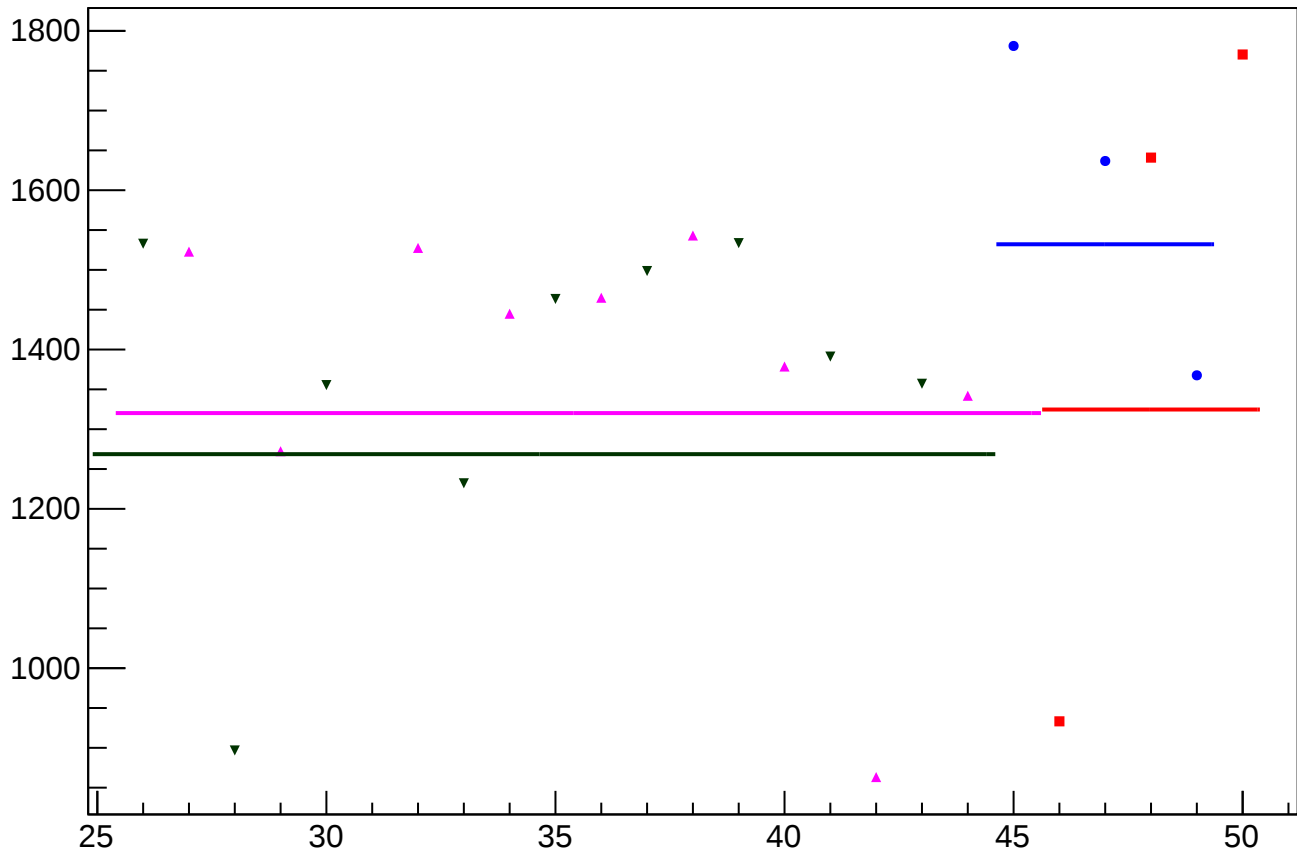
Right Out: 1768.787+/-1235.640 χ^2/NDF : 4.3/2

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

-240.284+/-533.034 χ^2/NDF : 16.8/11

133.924+/-519.340 χ^2/NDF : 13.2/11

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

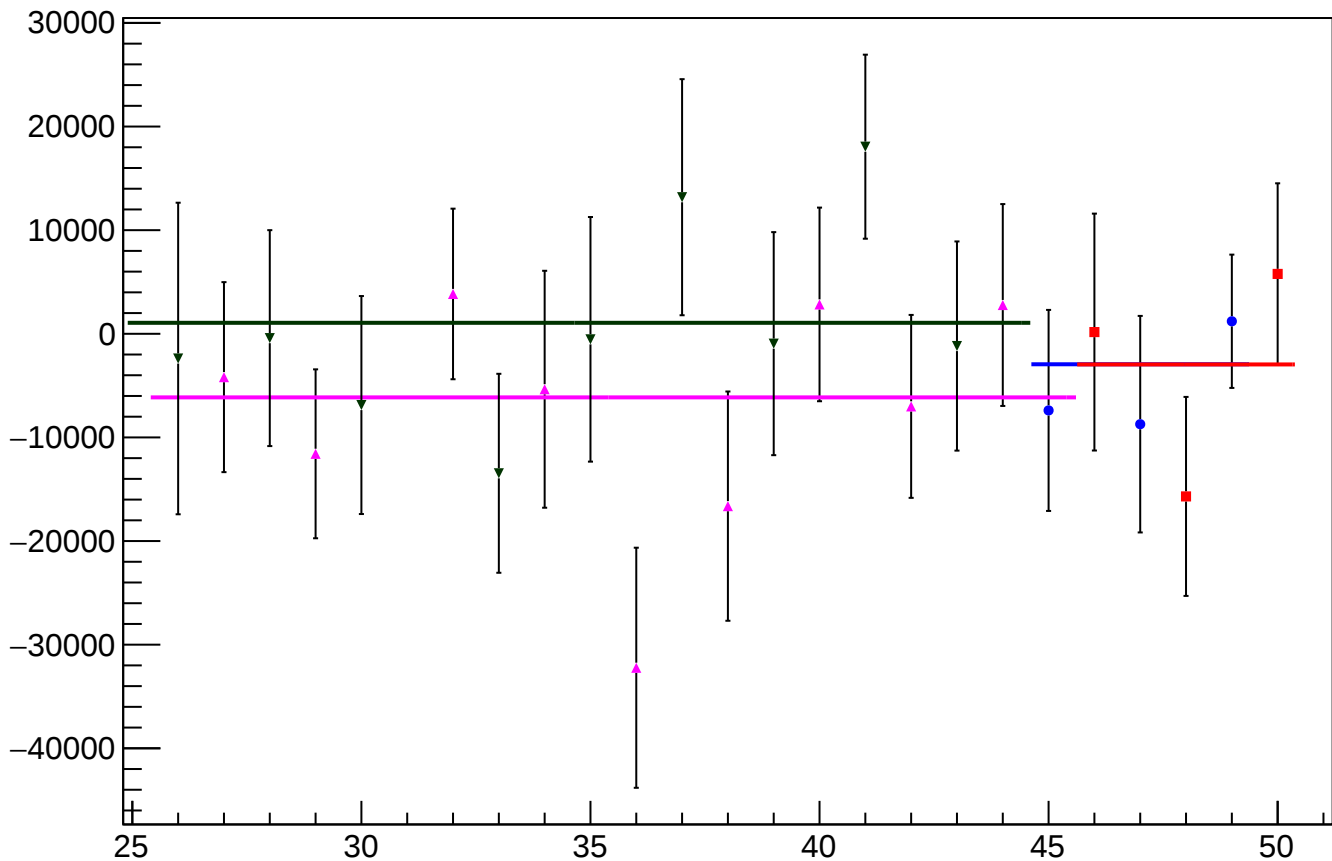
1324.614 ± 0.377 χ^2/NDF : 454848.1/11

Right Out: 1324.698 ± 0.874 χ^2/NDF : 199107.7/2

1321.013 ± 0.367 χ^2/NDF : 541889.1/11

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

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

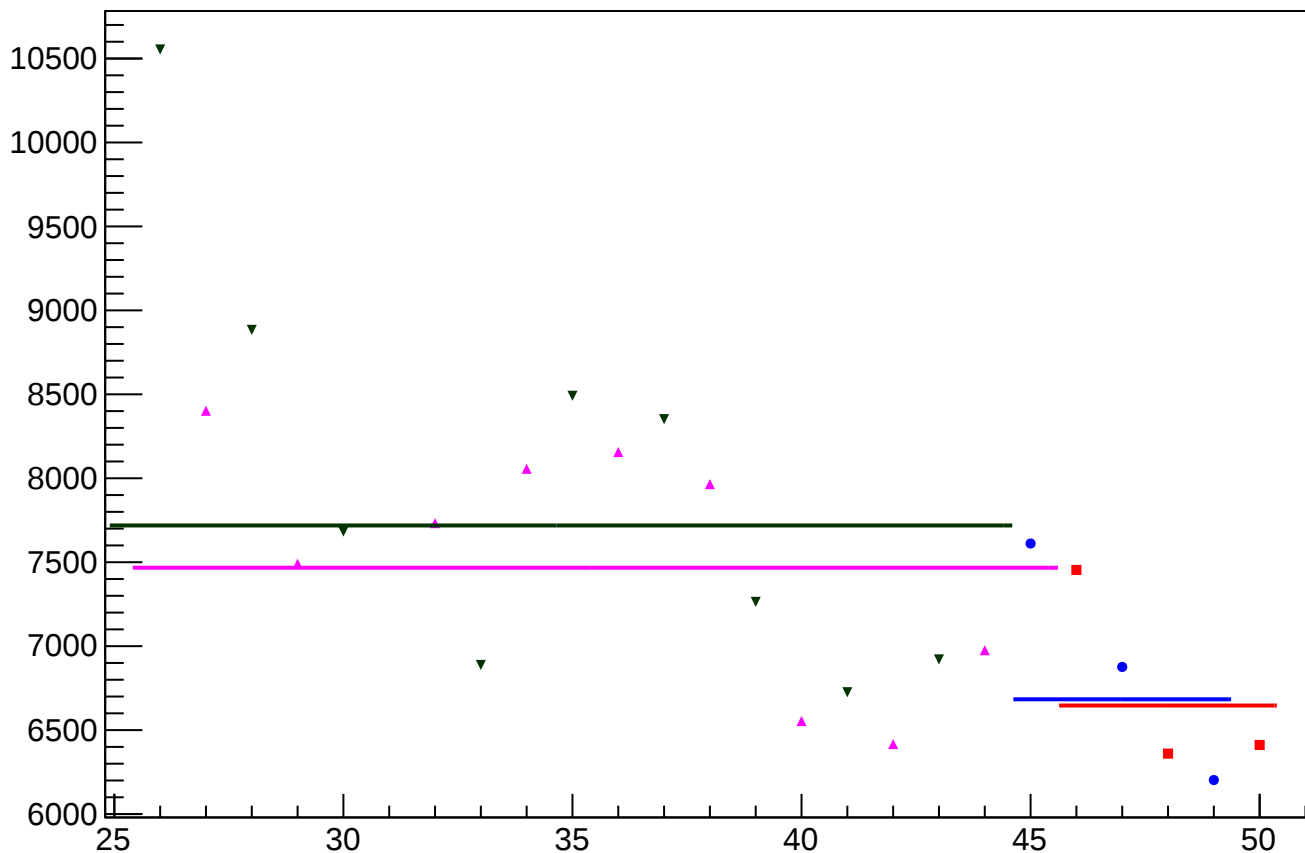
-363.790+/-2845.480 χ^2/NDF : 9.2/11

Right Out: -2956.952+/-5627.552 χ^2/NDF : 2.8/2

-5372.109+/-2758.759 χ^2/NDF : 12.8/11

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

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

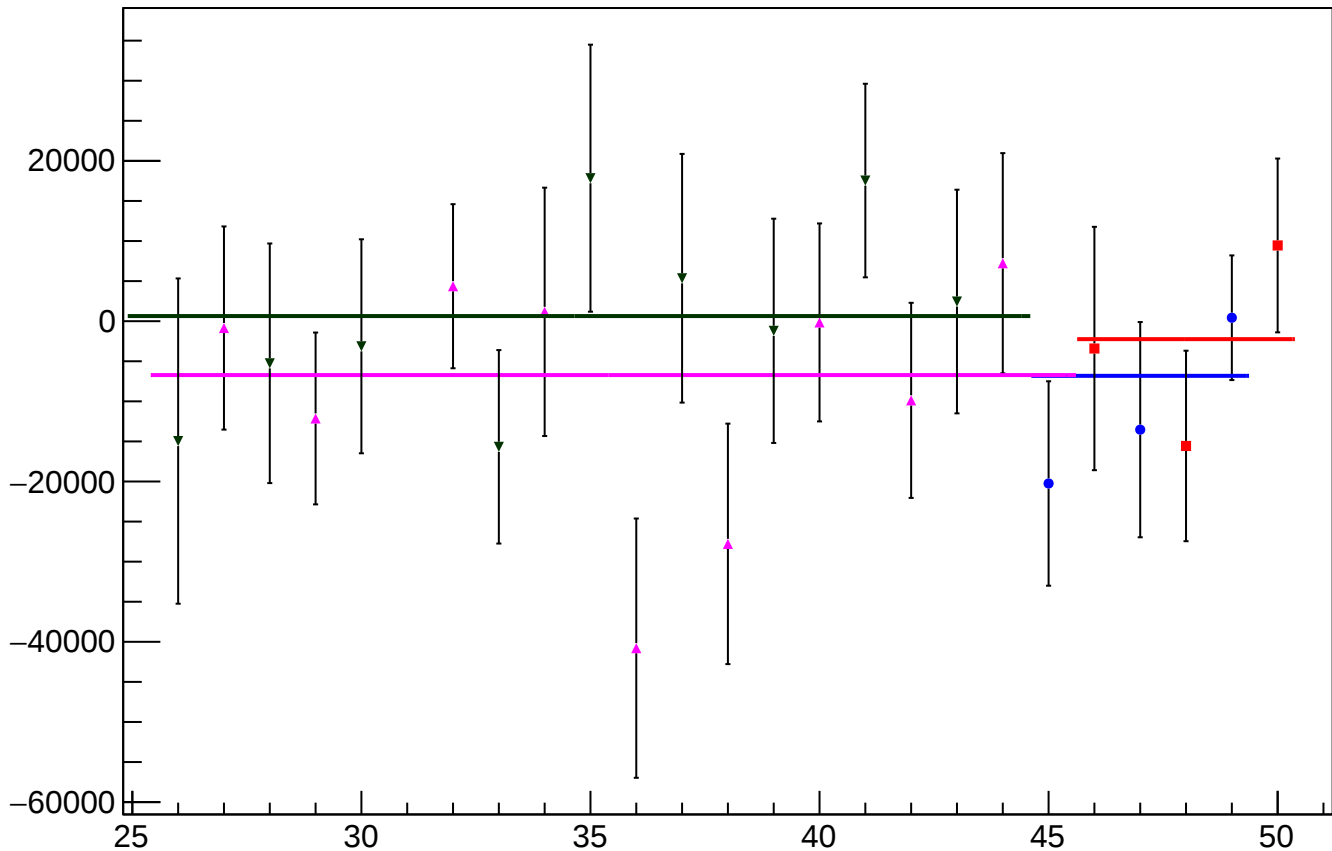
Right Out: 6646.535+/-3.979 χ^2/NDF : 13205.7/2

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

7350.401+/-2.012 χ^2/NDF : 257840.7/11

7269.970+/-1.951 χ^2/NDF : 137364.7/11

asym_sam3_mean vs slug



Right In: -6816.437 $\pm$ 5951.364 χ^2/NDF : 2.2/2

Left Out: 639.789 $\pm$ 4753.910 χ^2/NDF : 5.8/8

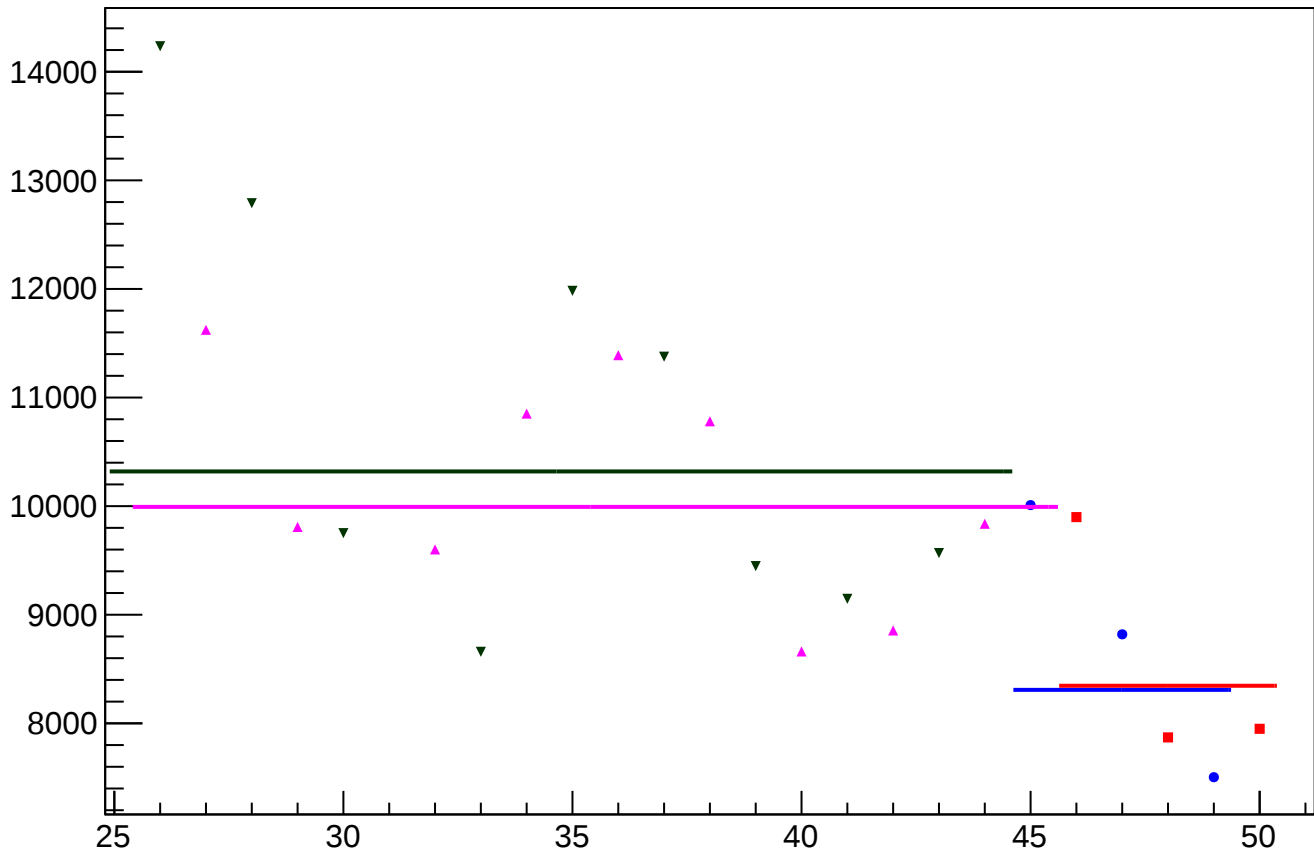
-2264.603 $\pm$ 3714.365 χ^2/NDF : 9.0/11

Right Out: -2239.762 $\pm$ 7084.026 χ^2/NDF : 2.4/2

-5537.920 $\pm$ 3640.684 χ^2/NDF : 12.4/11

Left In: -6721.702 $\pm$ 4244.047 χ^2/NDF : 9.7/8

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

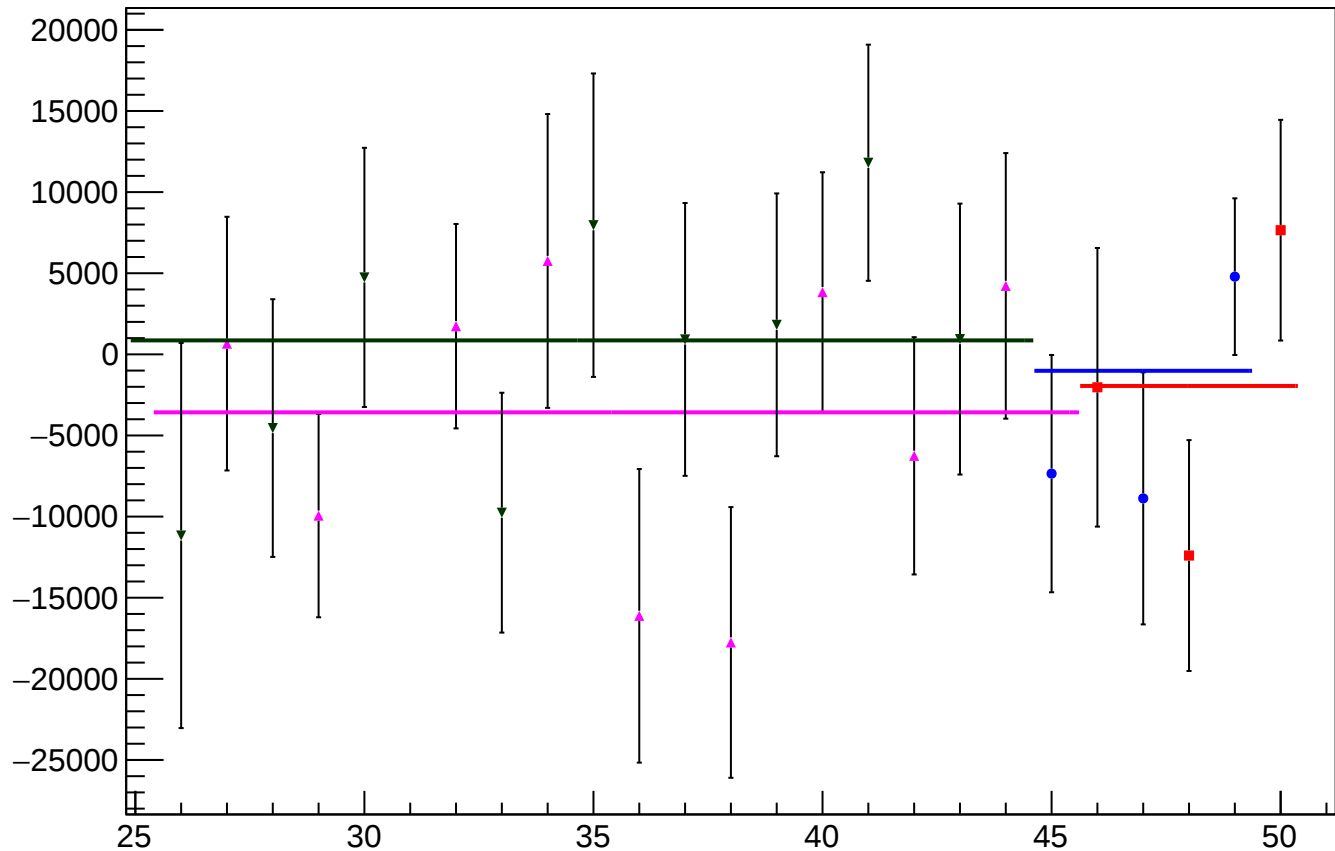
Right Out: 8346.001+/-5.009 χ^2/NDF : 26804.8/2

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

9536.082+/-2.626 χ^2/NDF : 431616.3/11

9558.075+/-2.574 χ^2/NDF : 210581.4/11

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

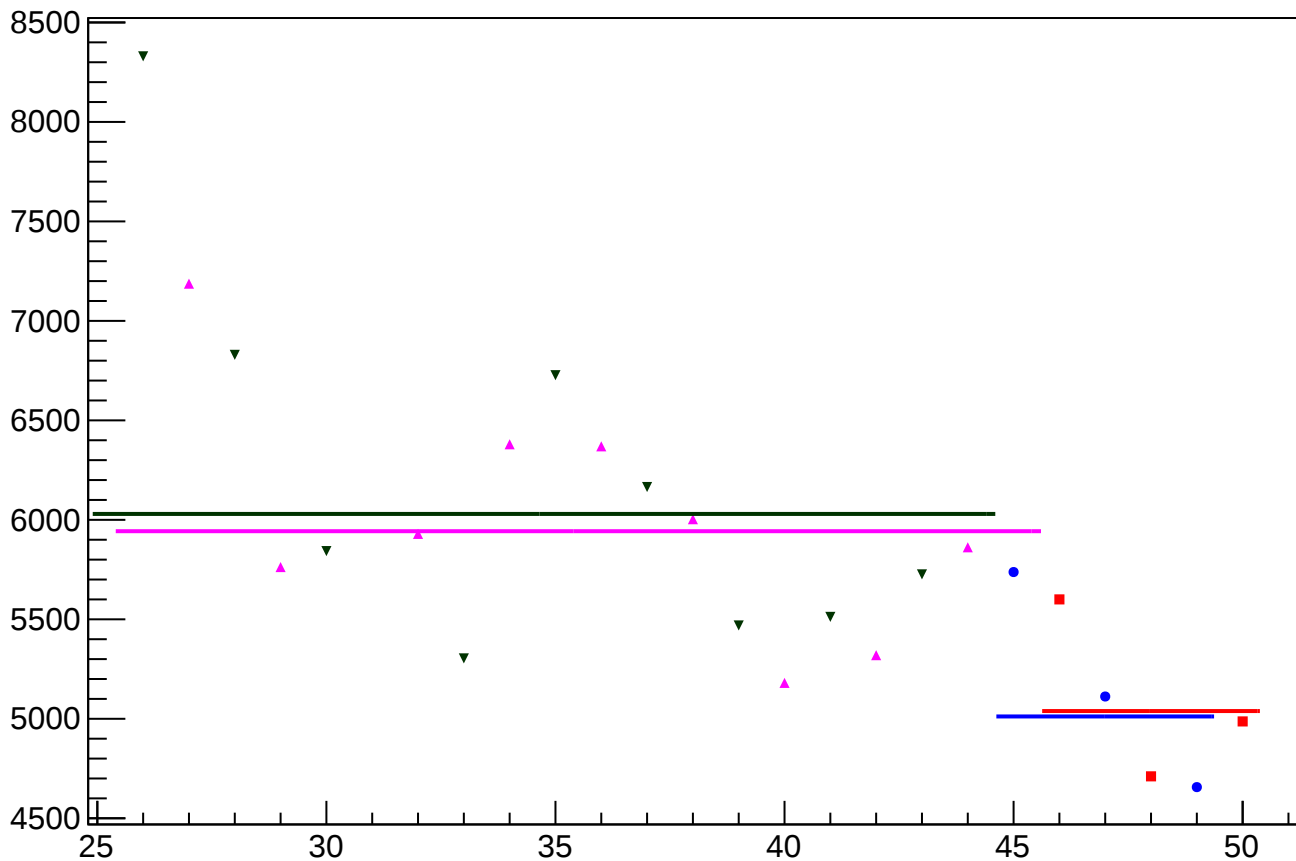
Right Out: -1947.769+/-4266.567 χ^2/NDF : 4.2/2

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

159.919+/-2186.606 χ^2/NDF : 10.0/11

-3154.237+/-2168.338 χ^2/NDF : 14.2/11

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

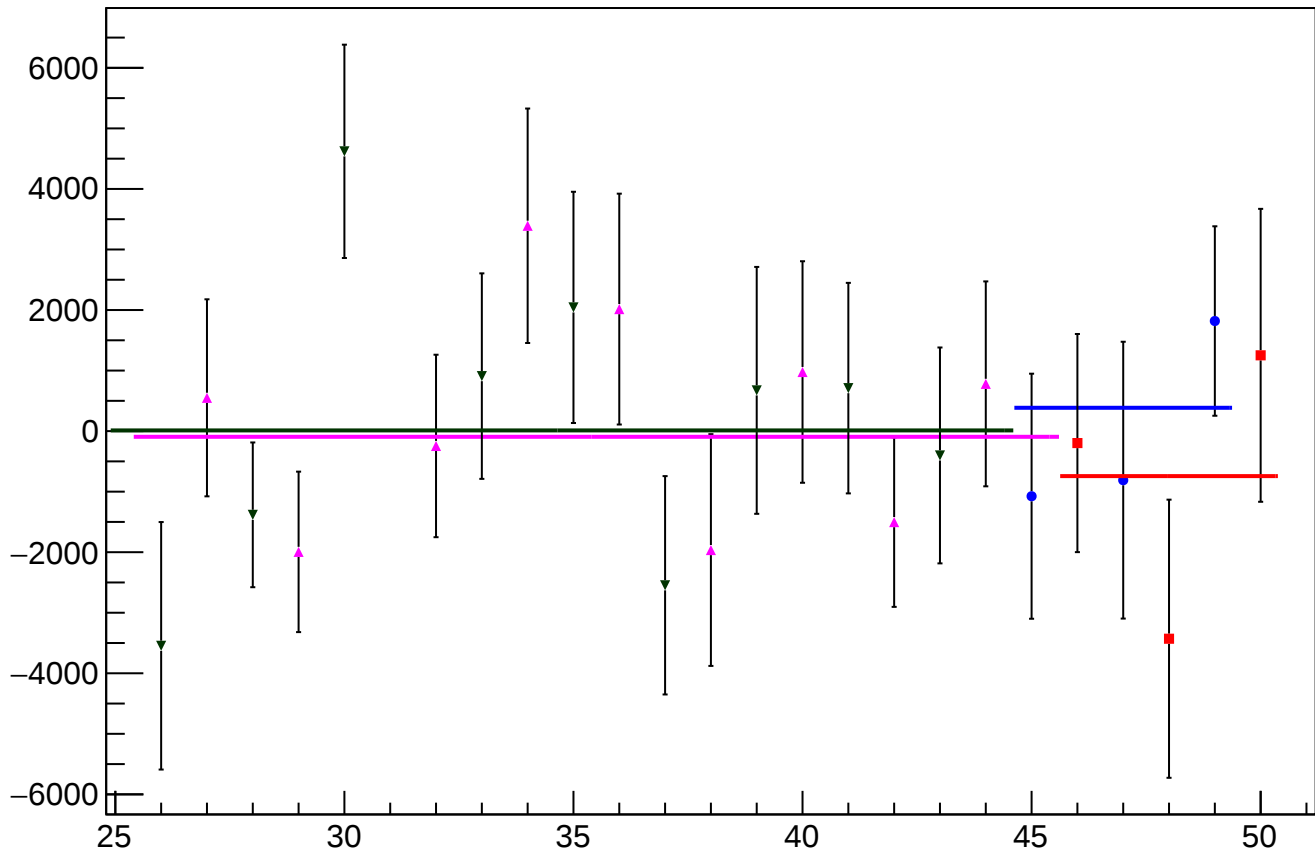
Right Out: 5038.918 ± 3.017 χ^2/NDF : 12913.6/2

Left In: 5942.884 ± 1.780 χ^2/NDF : 97554.3/8

5649.239 ± 1.546 χ^2/NDF : 282051.5/11

5709.404 ± 1.533 χ^2/NDF : 177058.7/11

asym_sam5_mean vs slug



Right In: 385.332 ± 1088.554 $\chi^2/\text{NDF}: 1.6/2$

Left Out: 11.403 ± 570.182 $\chi^2/\text{NDF}: 15.0/8$

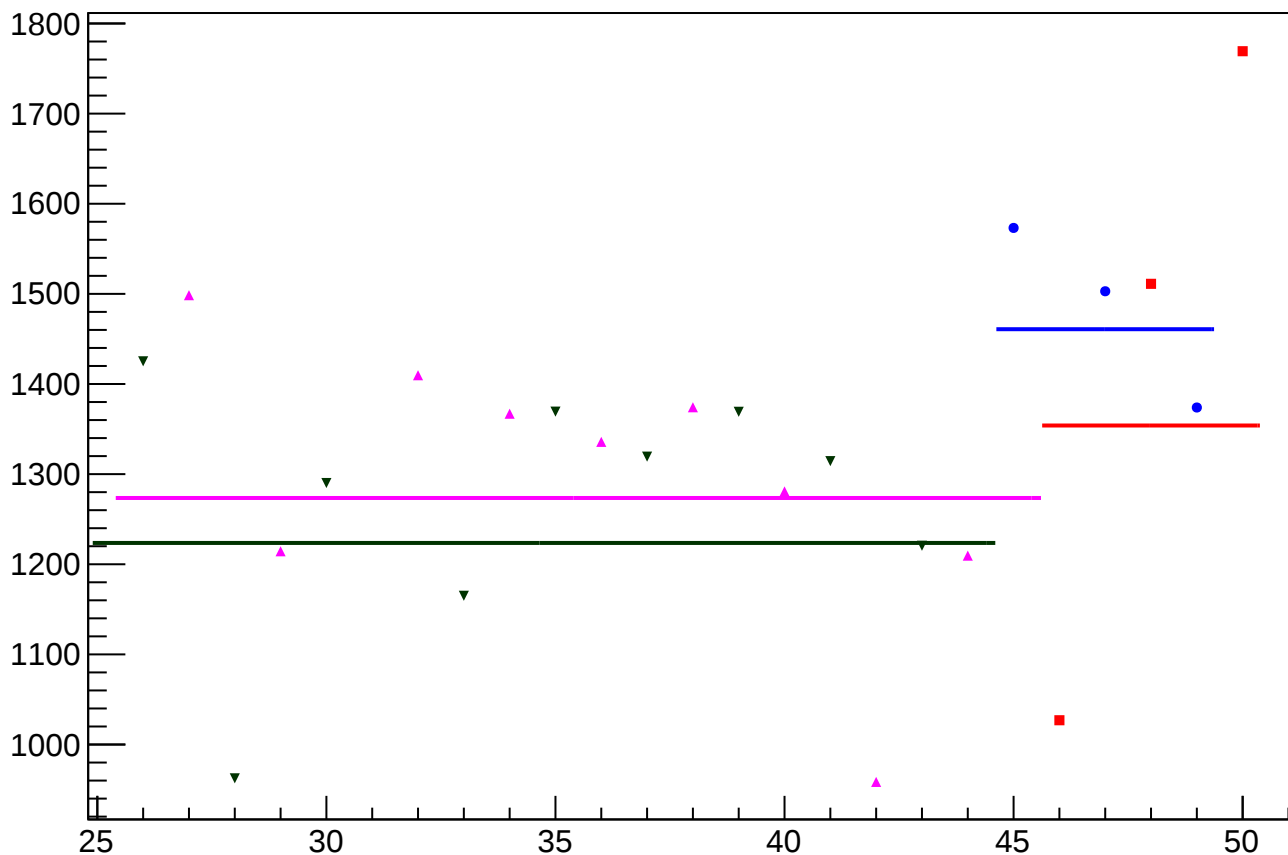
Right Out: -743.303 ± 1223.083 $\chi^2/\text{NDF}: 2.1/2$

Left In: -93.953 ± 545.533 $\chi^2/\text{NDF}: 9.3/8$

91.908 ± 505.088 $\chi^2/\text{NDF}: 16.7/11$

-201.701 ± 498.221 $\chi^2/\text{NDF}: 11.6/11$

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

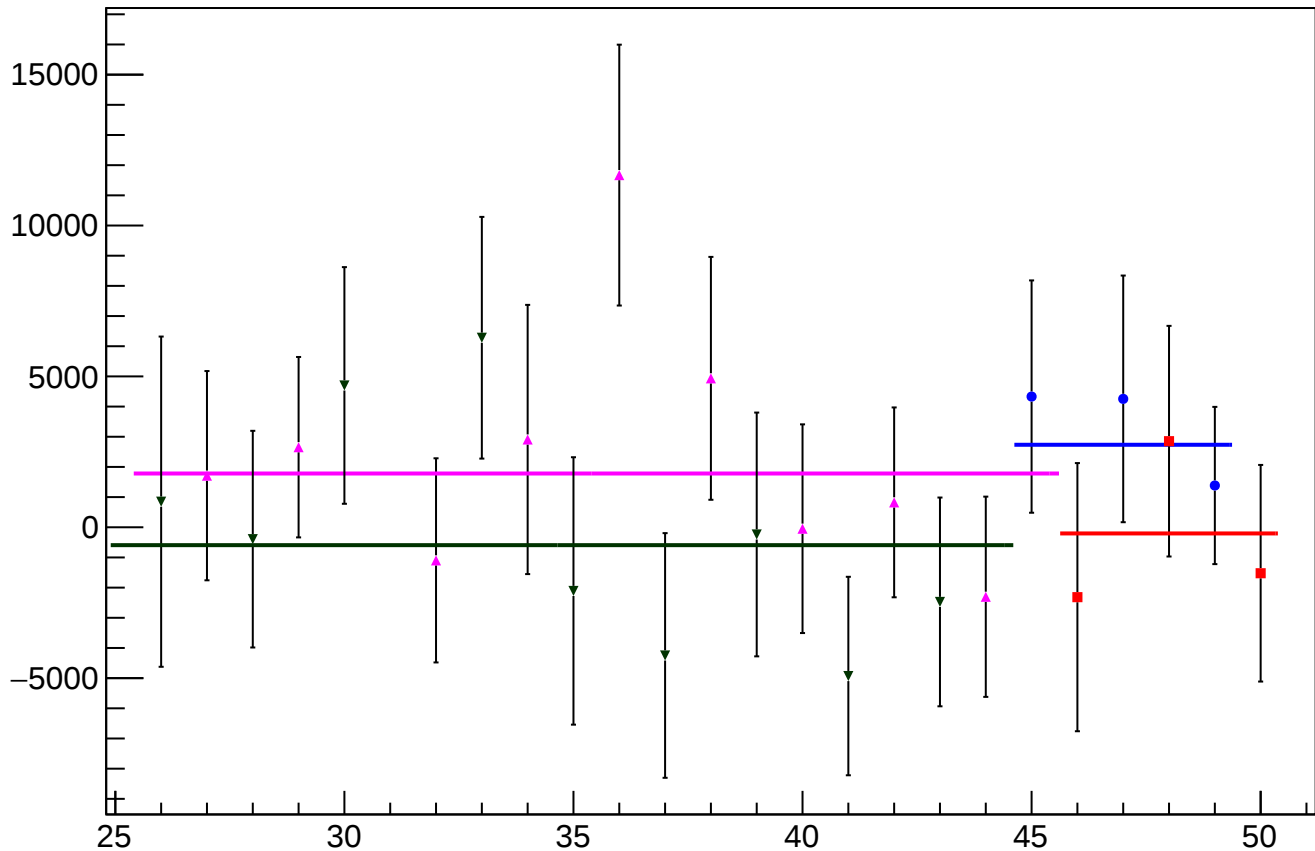
Right Out: 1353.955+/-0.865 χ^2/NDF : 134194.8/2

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

1274.713+/-0.357 χ^2/NDF : 240528.5/11

1286.884+/-0.352 χ^2/NDF : 316397.7/11

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

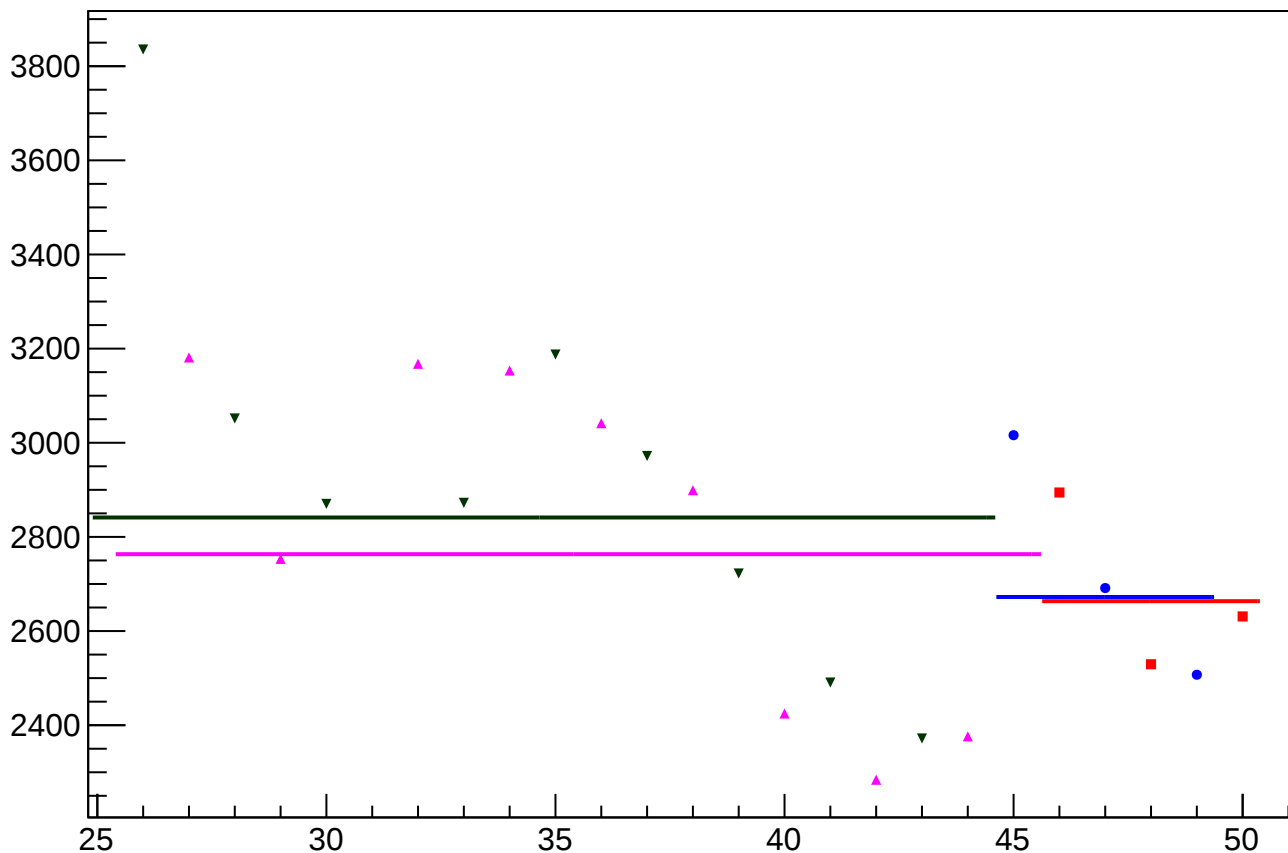
Right Out: -204.389 +/- 2254.605 χ^2/NDF : 1.0/2

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

467.306 +/- 1077.034 χ^2/NDF : 10.5/11

1357.338 +/- 1042.482 χ^2/NDF : 10.2/11

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

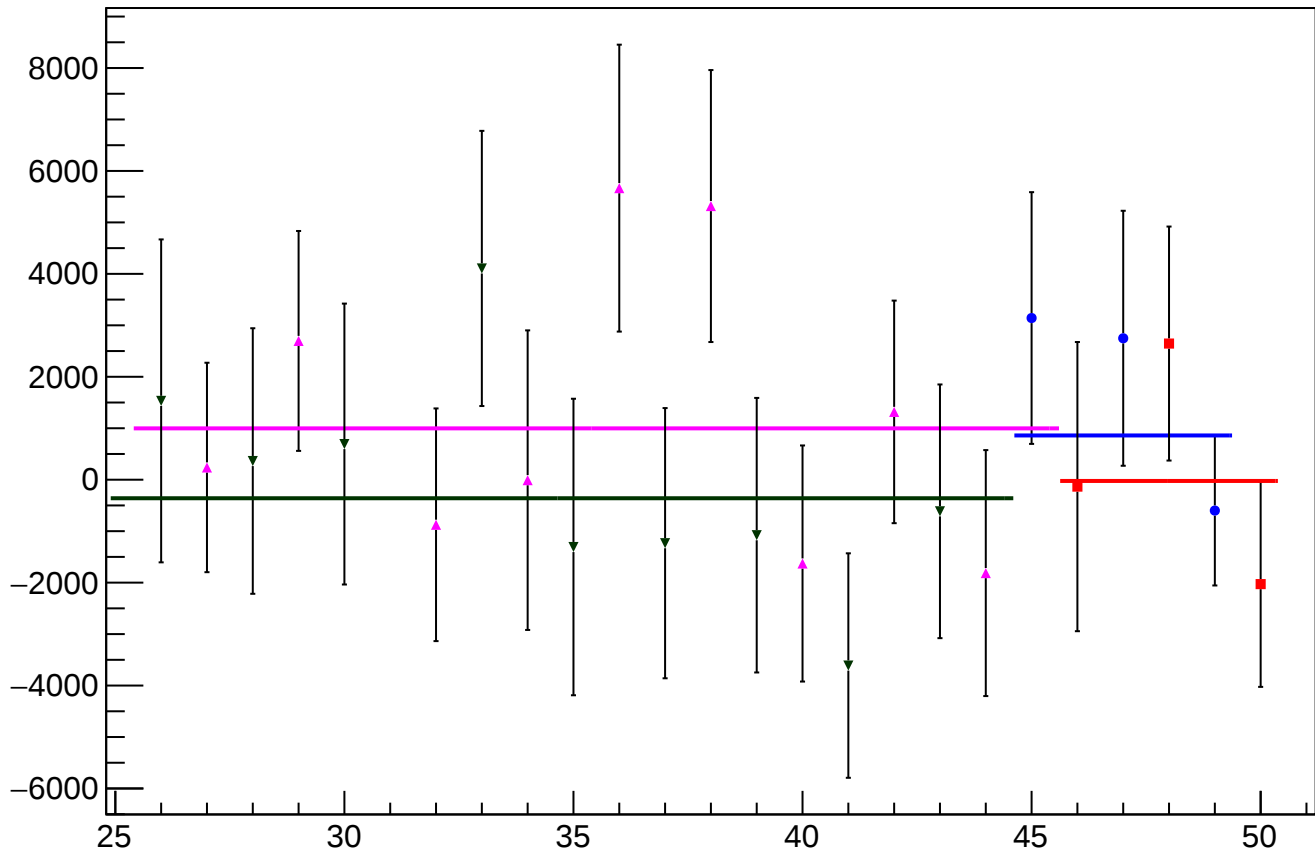
2787.460+/-0.762 χ^2/NDF : 183399.1/11

Right Out: 2663.450+/-1.594 χ^2/NDF : 8021.2/2

2741.978+/-0.737 χ^2/NDF : 187413.1/11

Left In: 2763.332+/-0.831 χ^2/NDF : 176305.8/8

asym_sam7_mean vs slug



Right In: 859.925+/-1116.490 χ^2/NDF : 2.5/2

Left Out: -360.260+/-874.765 χ^2/NDF : 5.9/8

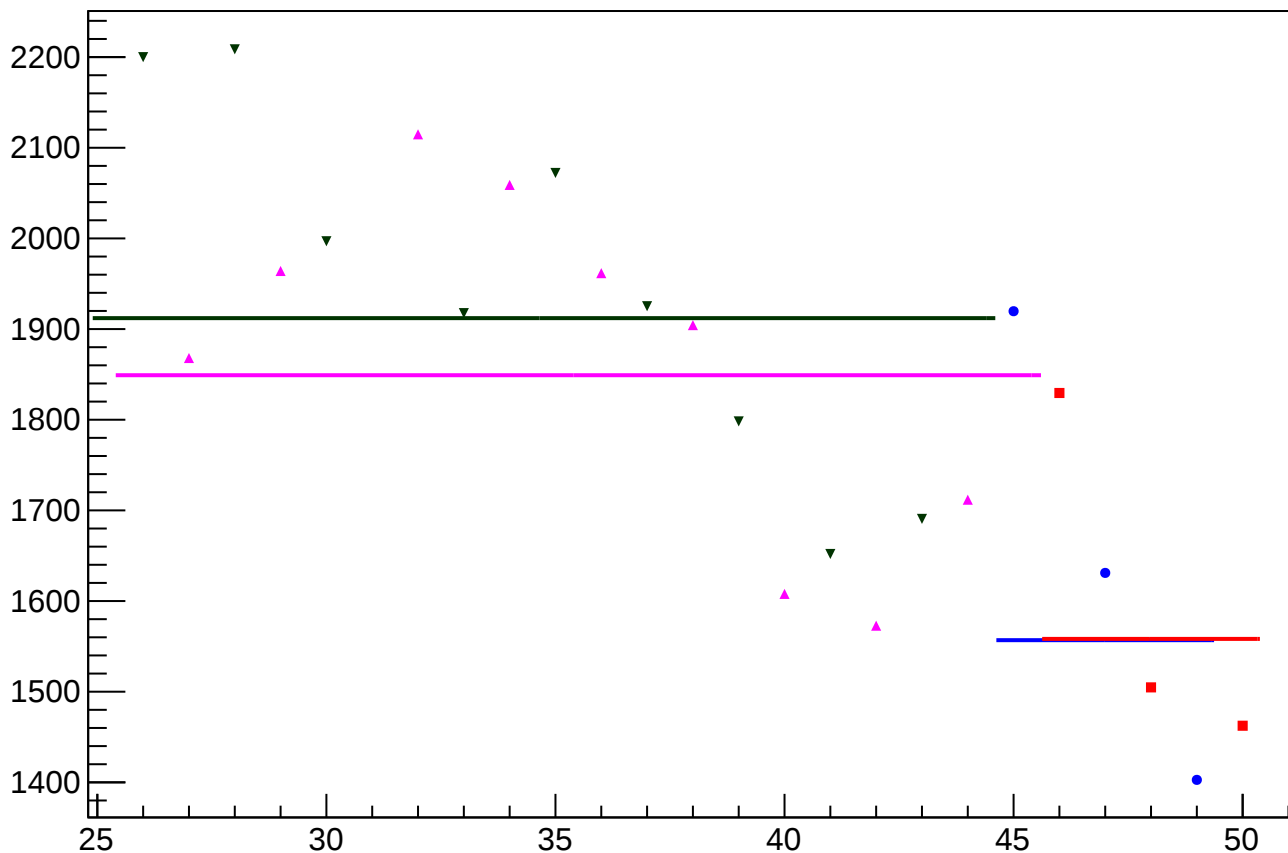
Right Out: -24.184+/-1323.532 χ^2/NDF : 2.4/2

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

103.861+/-688.585 χ^2/NDF : 9.1/11

731.879+/-674.820 χ^2/NDF : 12.6/11

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

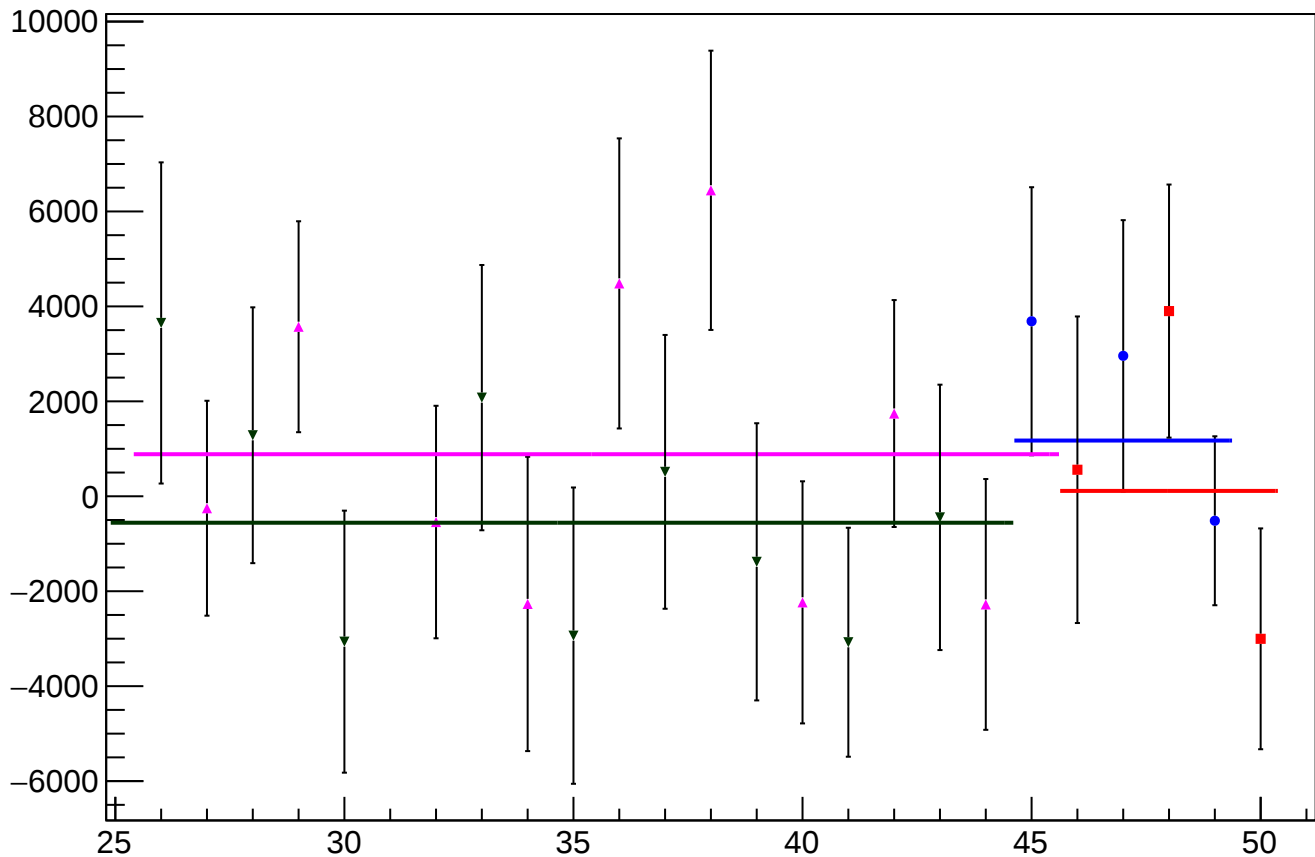
Right Out: 1558.240+/-0.936 χ^2/NDF : 24348.4/2

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1776.945+/-0.487 χ^2/NDF : 293345.5/11

1773.487+/-0.477 χ^2/NDF : 205328.4/11

asym_sam8_mean vs slug



Right In: 1174.078+/-1331.982 χ^2/NDF : 2.1/2

Left Out: -557.273+/-942.969 χ^2/NDF : 5.6/8

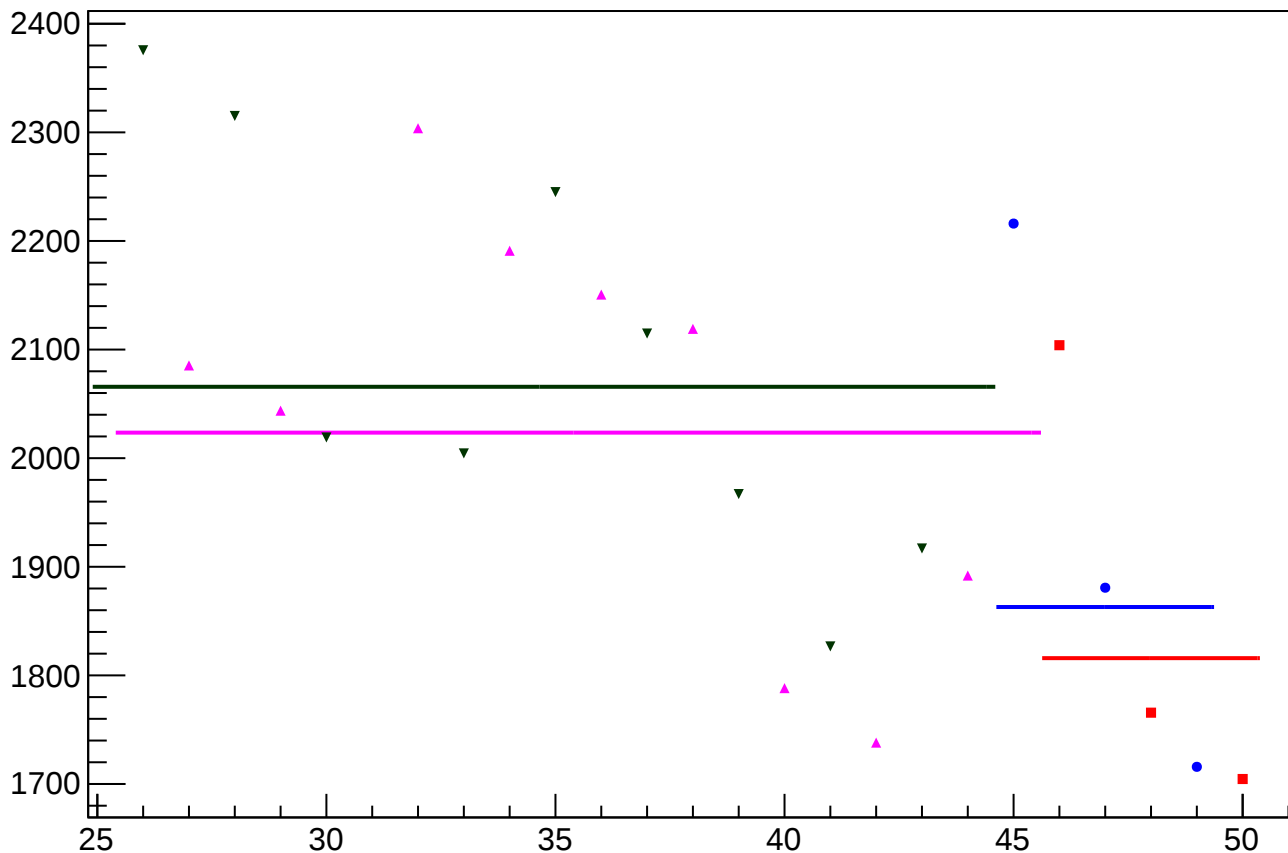
Right Out: 113.153+/-1540.283 χ^2/NDF : 3.8/2

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

20.755+/-769.627 χ^2/NDF : 8.8/11

703.610+/-748.511 χ^2/NDF : 15.1/11

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

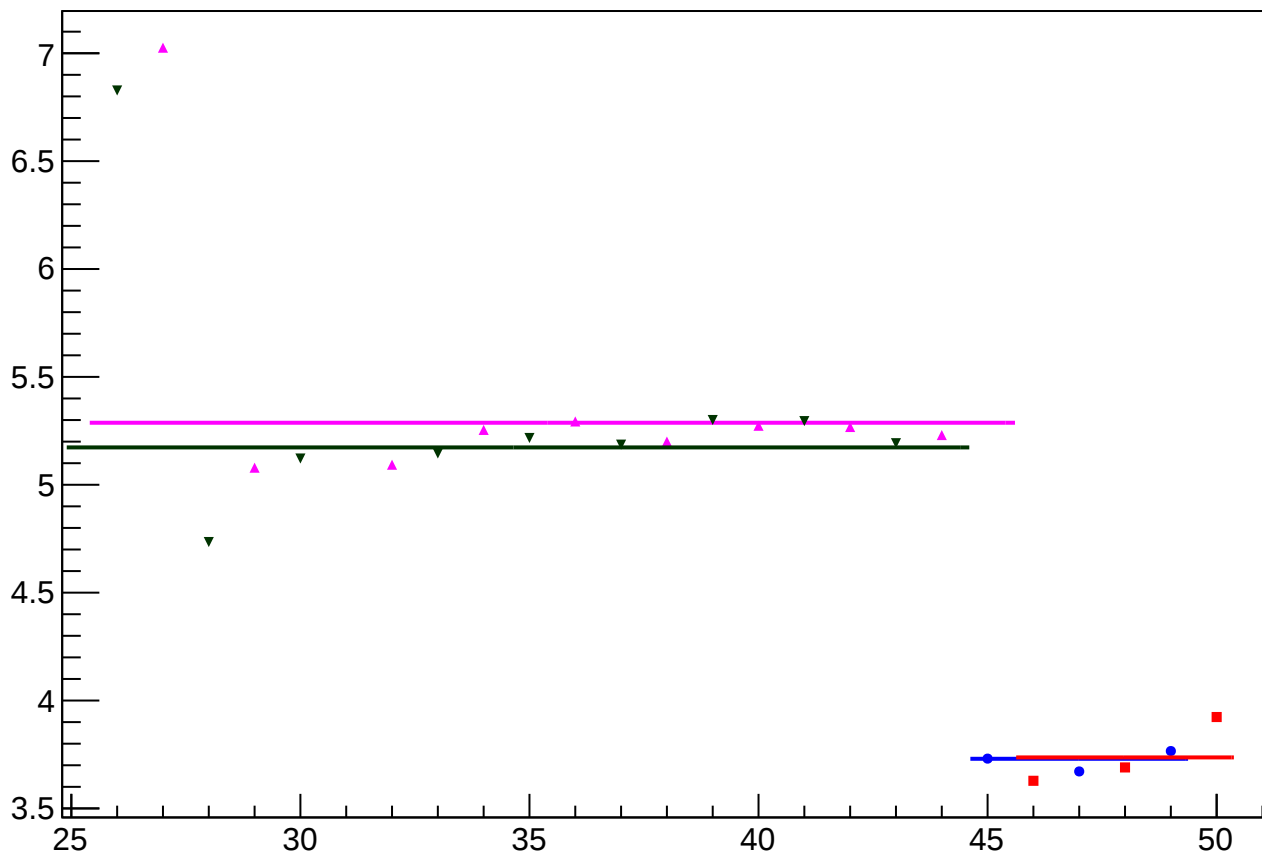
1998.031+/-0.544 χ^2/NDF : 146140.0/11

Right Out: 1815.868+/-1.089 χ^2/NDF : 21215.0/2

1974.481+/-0.529 χ^2/NDF : 138756.0/11

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

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

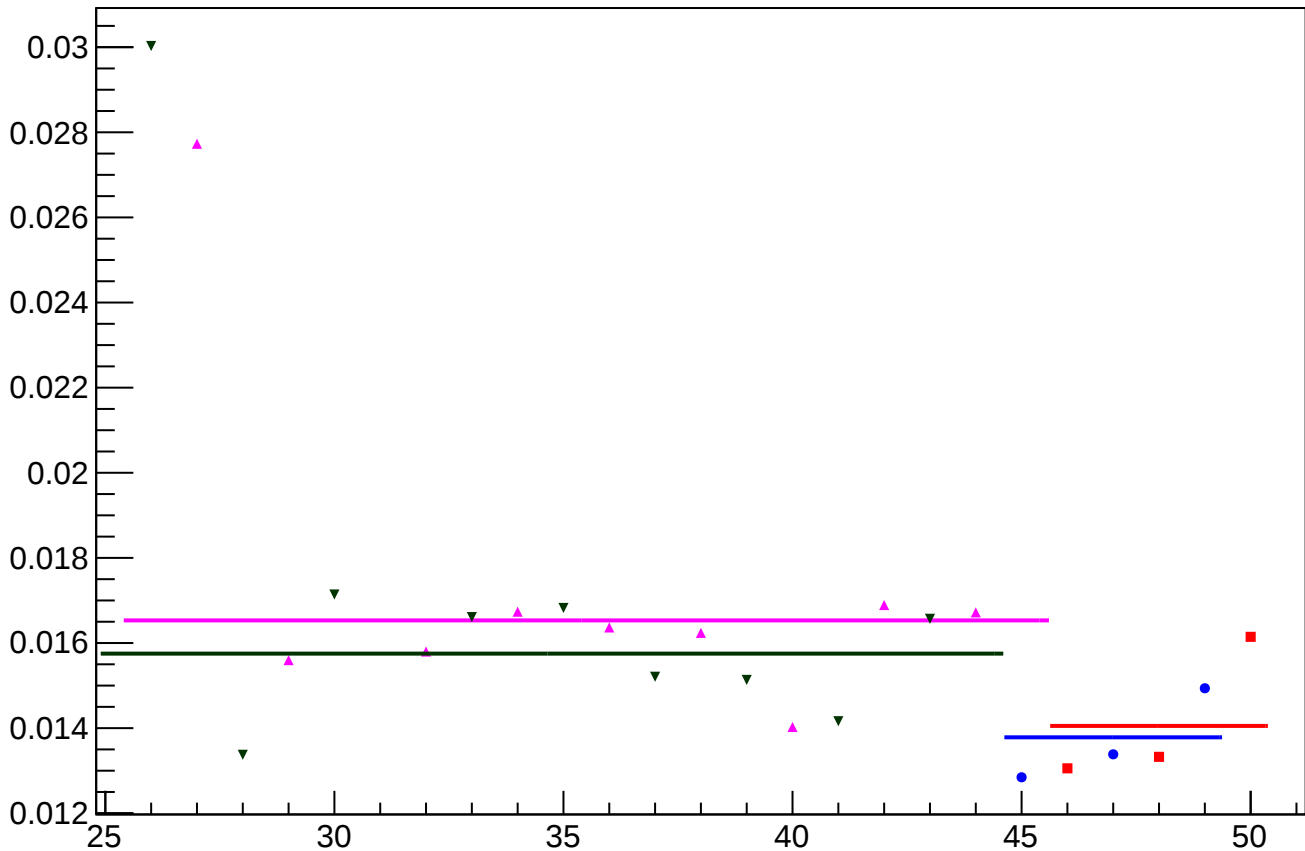
Right Out: 3.736+/-0.000 χ^2/NDF : 99293714.8/2

Left In: 5.287+/-0.000 χ^2/NDF : 3281292278.3/8

4.667+/-0.000 χ^2/NDF : 15156614034.1/11

4.889+/-0.000 χ^2/NDF : 15167205352.4/11

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

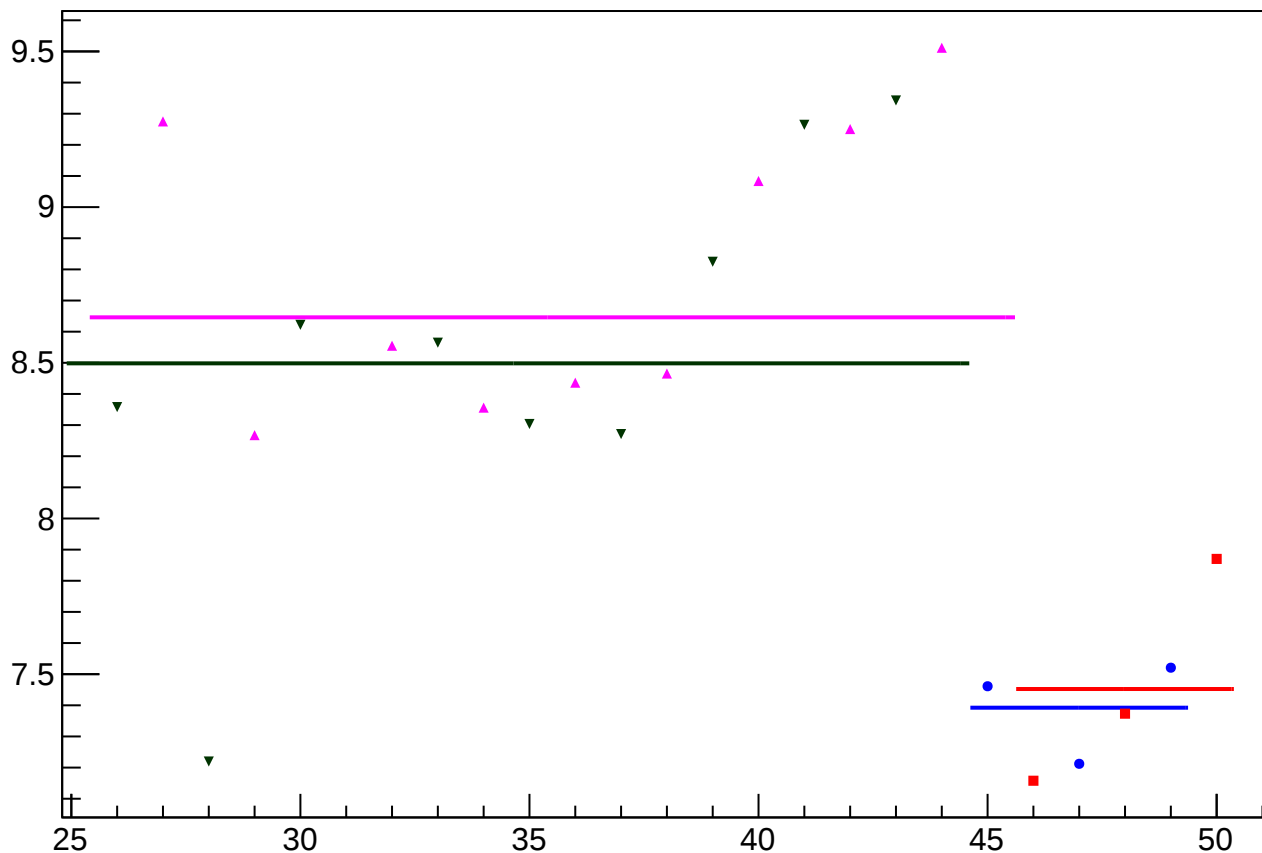
0.015+/-0.000 χ^2/NDF : 351052.1/11

Right Out: 0.014+/-0.000 χ^2/NDF : 23879.9/2

0.016+/-0.000 χ^2/NDF : 372931.5/11

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

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

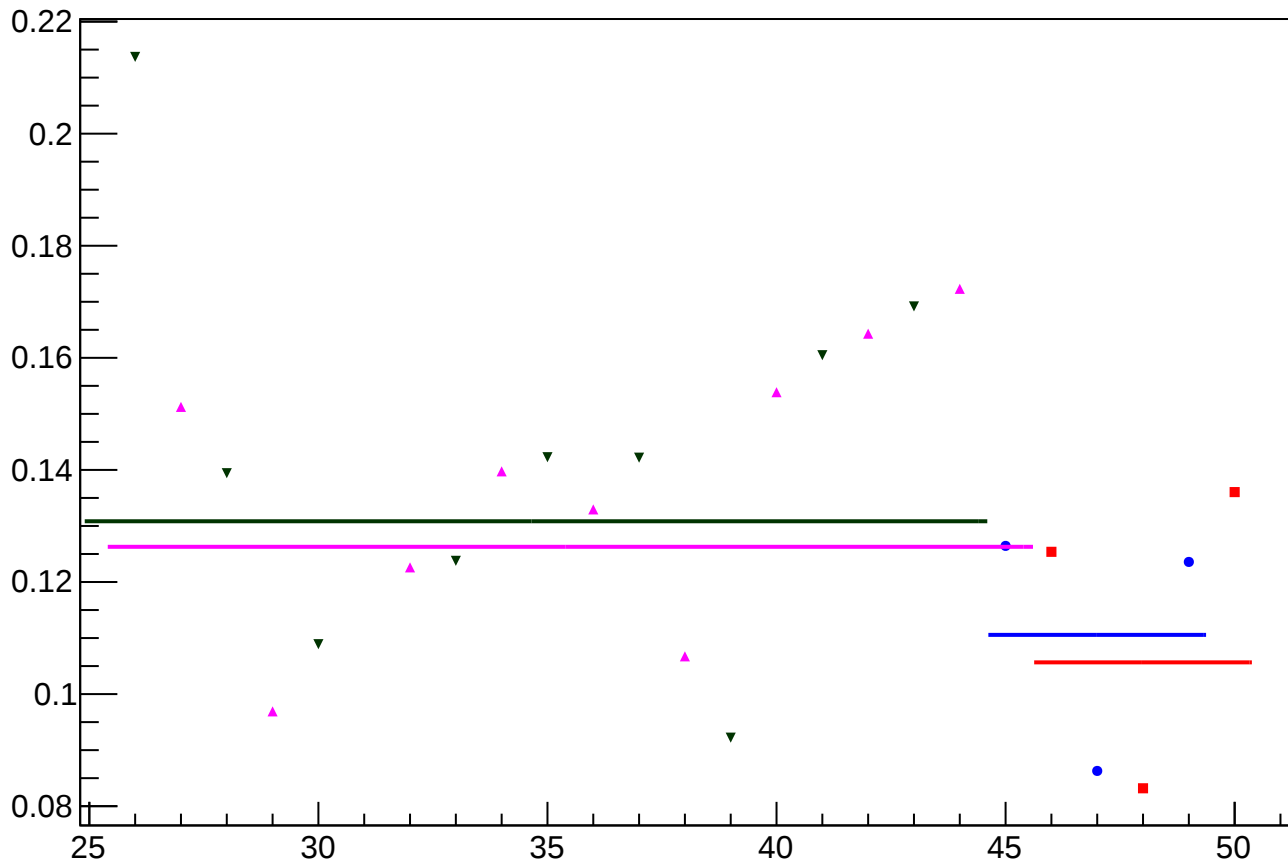
Right Out: 7.452 $\pm$ 0.000 χ^2 /NDF: 7359791.8/2

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53836286.5/8

8.098 $\pm$ 0.000 χ^2 /NDF: 200832006.2/11

8.338 $\pm$ 0.000 χ^2 /NDF: 178752482.9/11

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

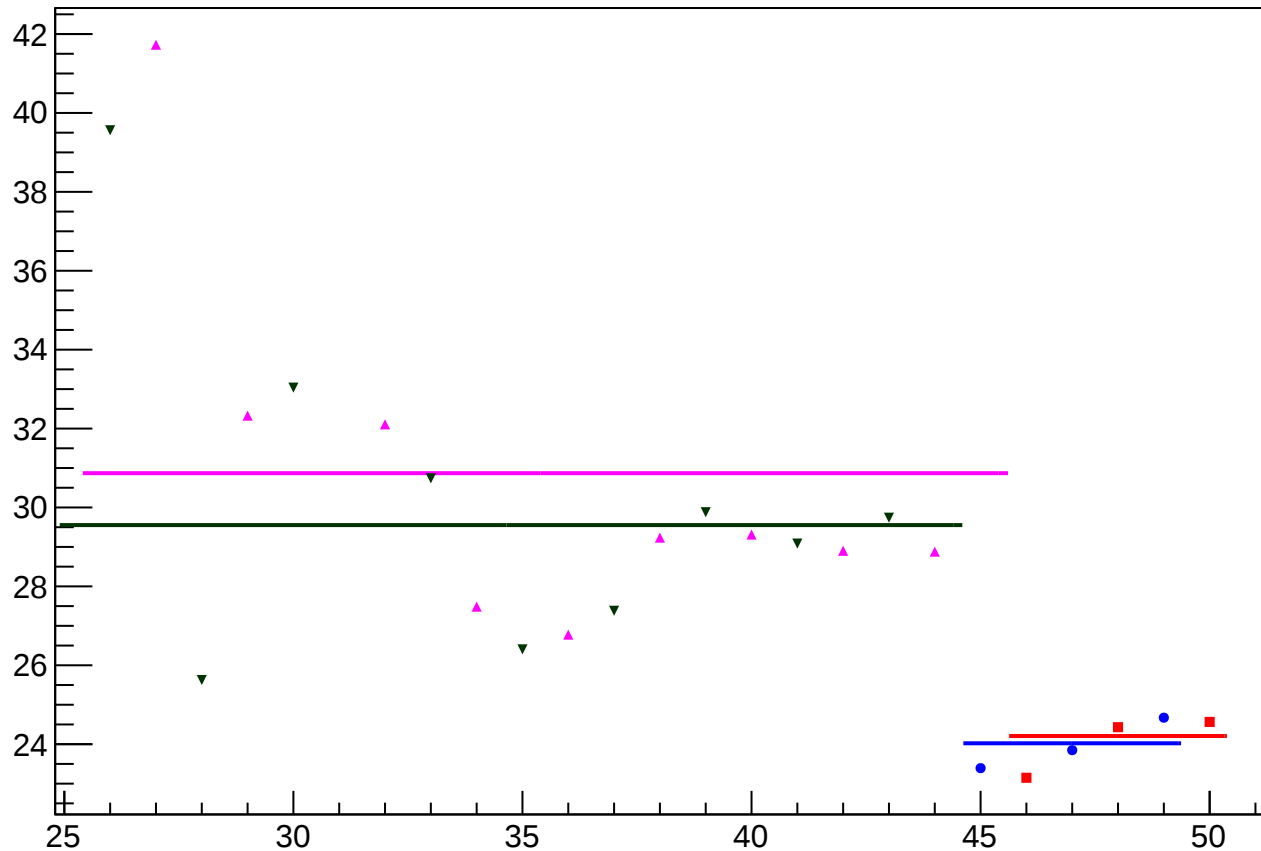
0.123+/-0.000 χ^2/NDF : 609610.6/11

Right Out: 0.106+/-0.000 χ^2/NDF : 130206.8/2

0.121+/-0.000 χ^2/NDF : 585688.1/11

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

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

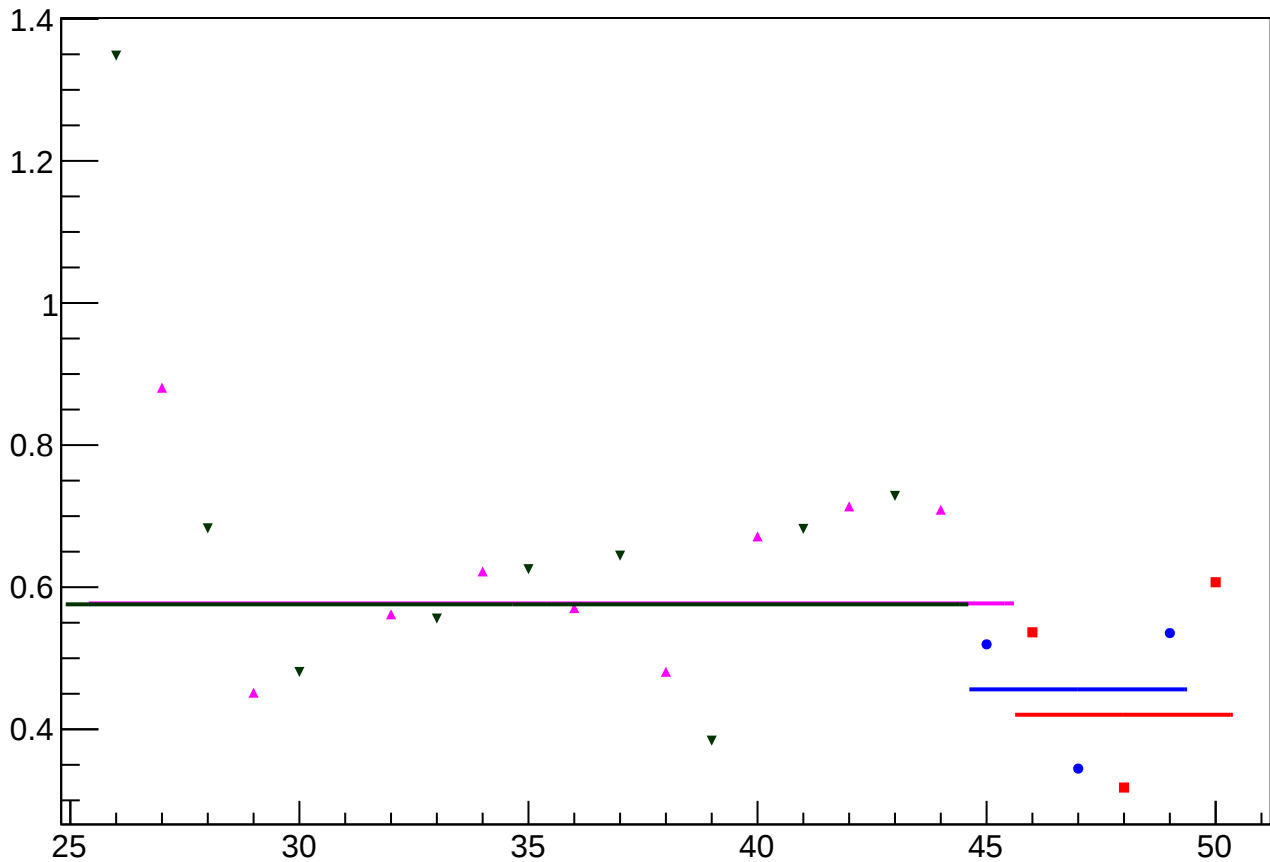
Right Out: 24.207+/-0.000 χ^2/NDF : 1804678.5/2

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

27.374+/-0.000 χ^2/NDF : 247770958.0/11

28.849+/-0.000 χ^2/NDF : 383842313.6/11

yield_sam3_rms vs slug



Right In: 0.456 ± 0.000 χ^2/NDF : 133760.4/2

Left Out: 0.576 ± 0.000 χ^2/NDF : 671672.2/8

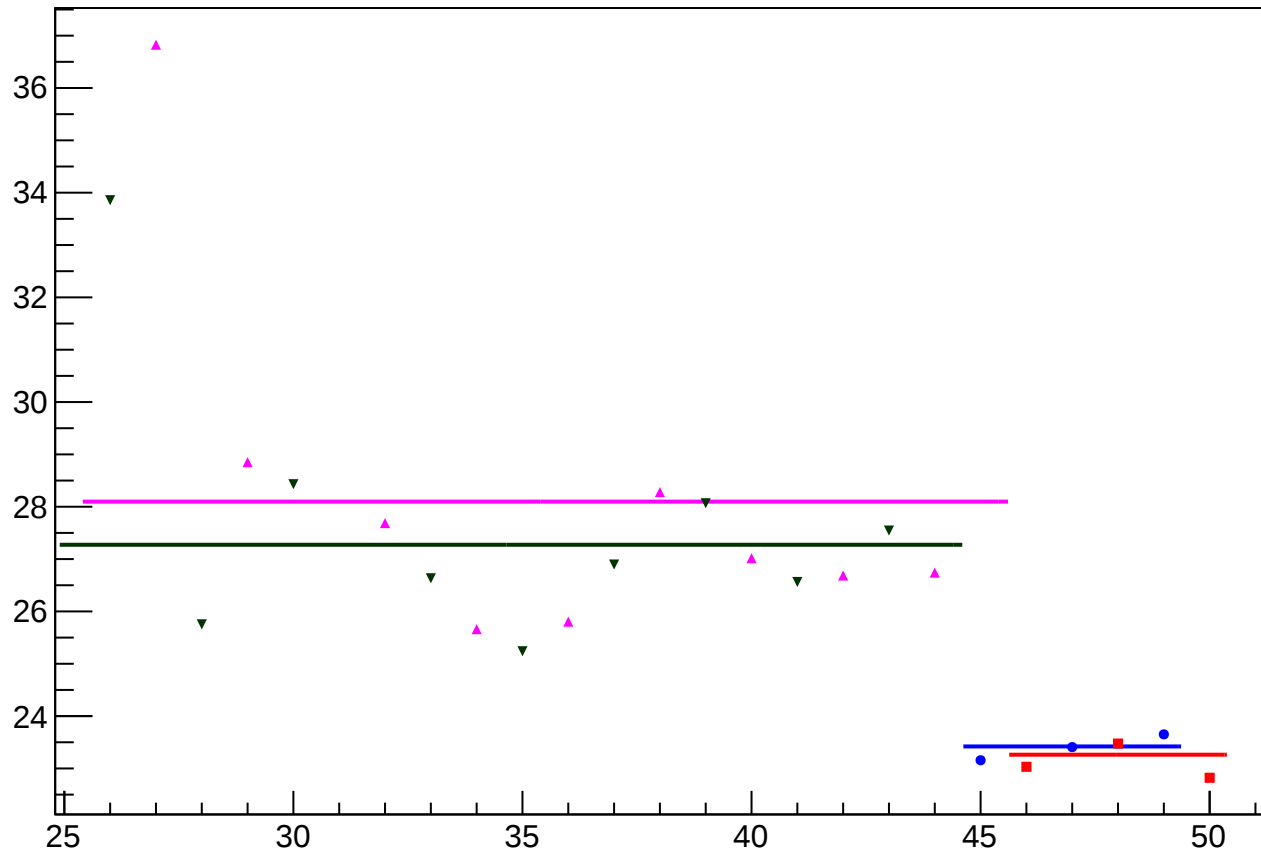
0.529 ± 0.000 χ^2/NDF : 948199.9/11

Right Out: 0.420 ± 0.000 χ^2/NDF : 210762.1/2

0.530 ± 0.000 χ^2/NDF : 863770.3/11

Left In: 0.577 ± 0.000 χ^2/NDF : 428925.6/8

yield_sam4_mean vs slug



Right In: 23.420+/-0.000 χ^2/NDF : 864808.8/2

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

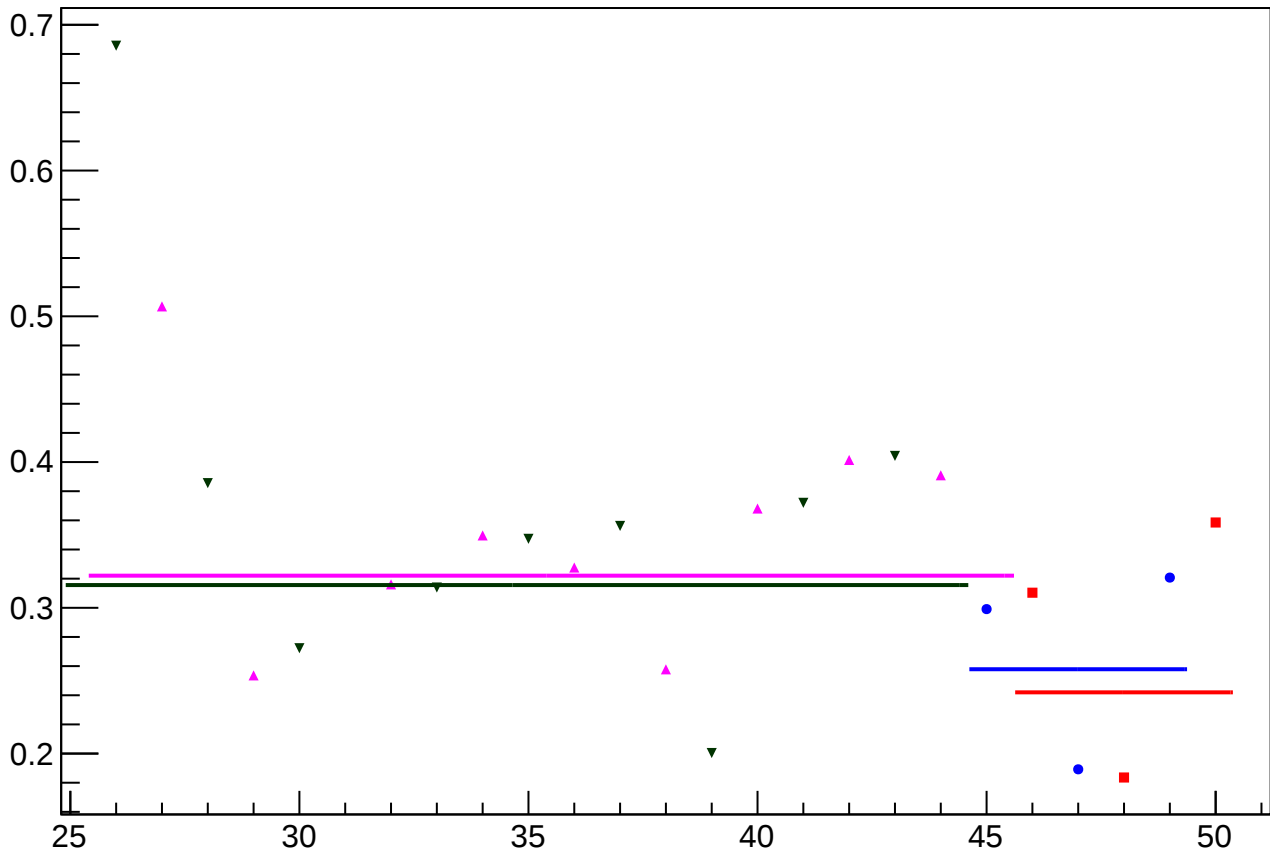
Right Out: 23.263+/-0.000 χ^2/NDF : 1486073.4/2

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

25.837+/-0.000 χ^2/NDF : 328066192.2/11

26.700+/-0.000 χ^2/NDF : 625068008.8/11

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

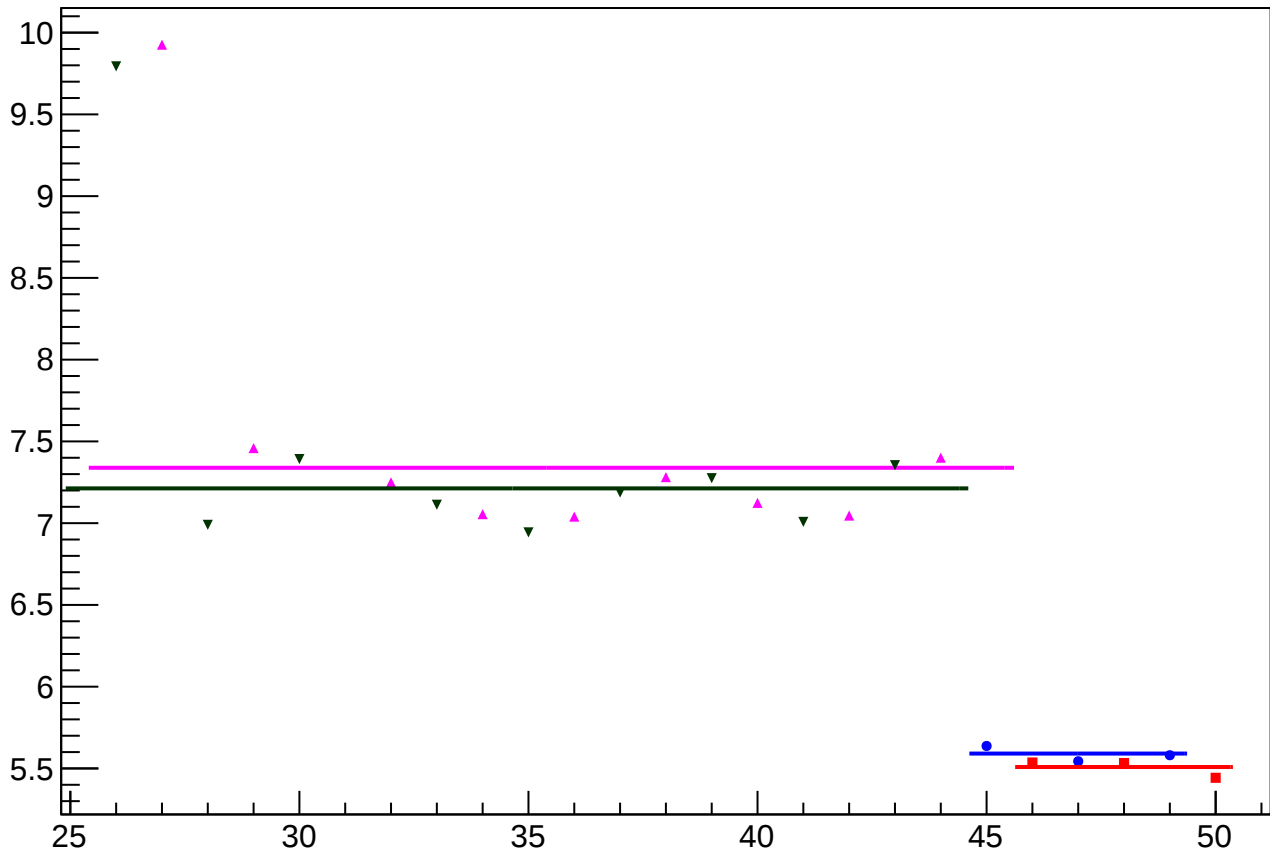
0.294 $\pm$ 0.000 χ^2 /NDF: 1005373.5/11

Right Out: 0.242 $\pm$ 0.000 χ^2 /NDF: 221141.9/2

0.299 $\pm$ 0.000 χ^2 /NDF: 862241.3/11

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461575.4/8

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

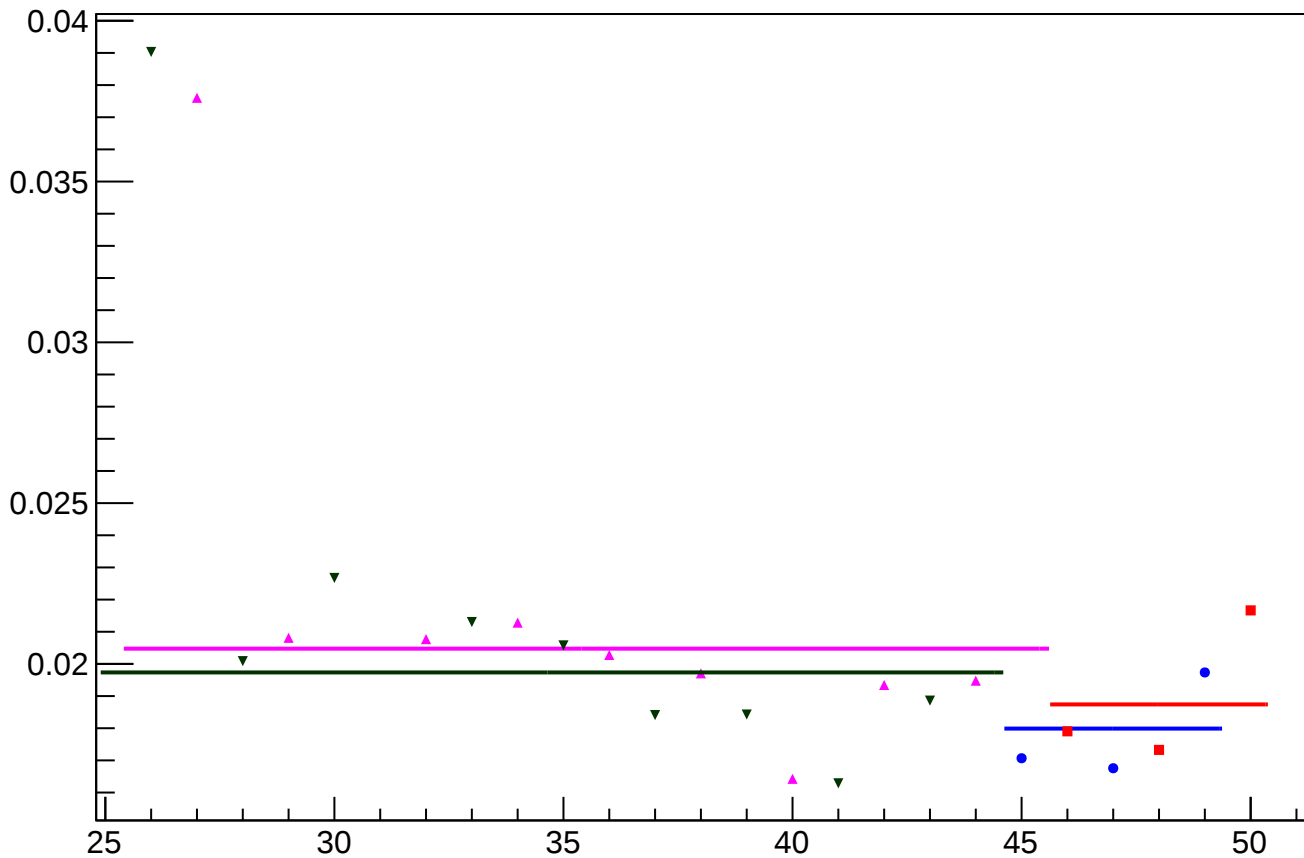
6.679+/-0.000 χ^2/NDF : 12284119711.2/11

Right Out: 5.509+/-0.000 χ^2/NDF : 6257349.5/2

6.918+/-0.000 χ^2/NDF : 13489944847.2/11

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

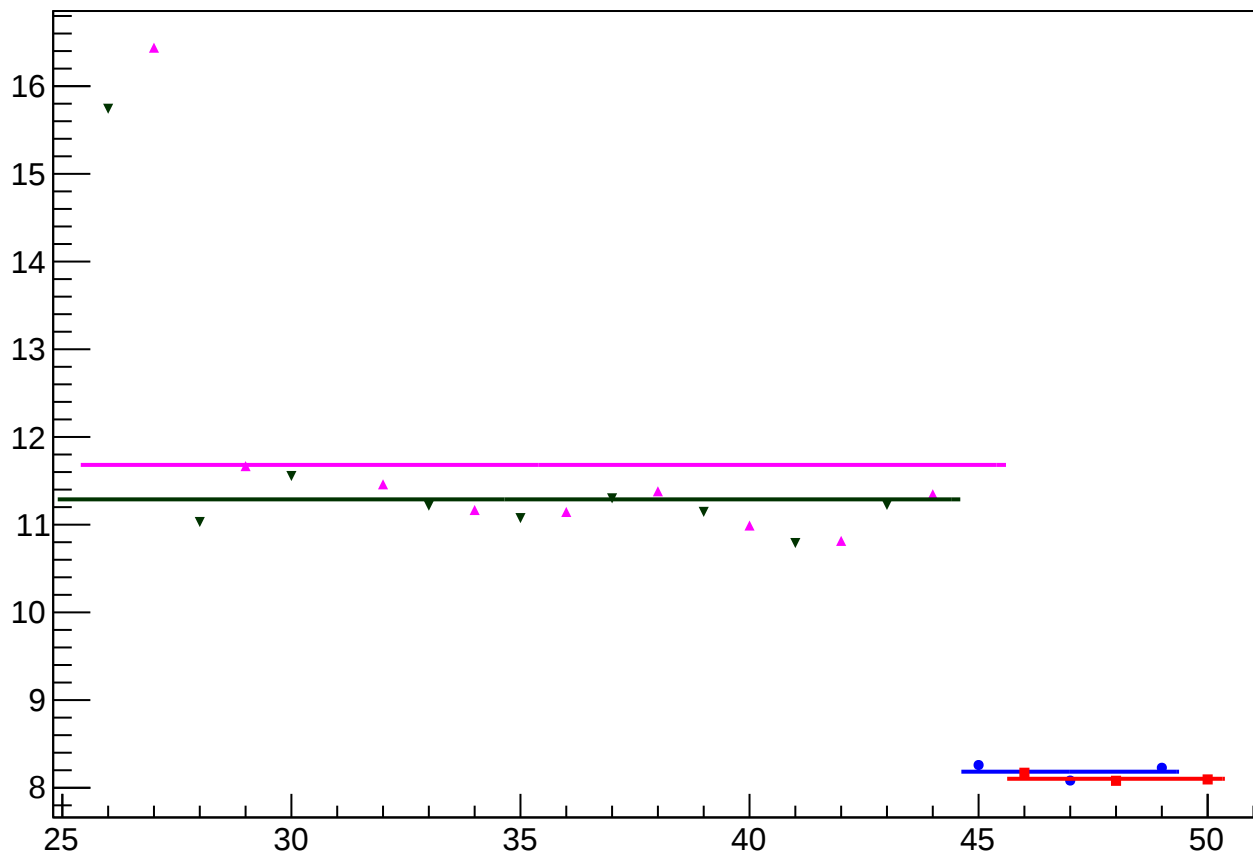
0.019+/-0.000 χ^2/NDF : 364426.9/11

Right Out: 0.019+/-0.000 χ^2/NDF : 25094.4/2

0.020+/-0.000 χ^2/NDF : 422447.6/11

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

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

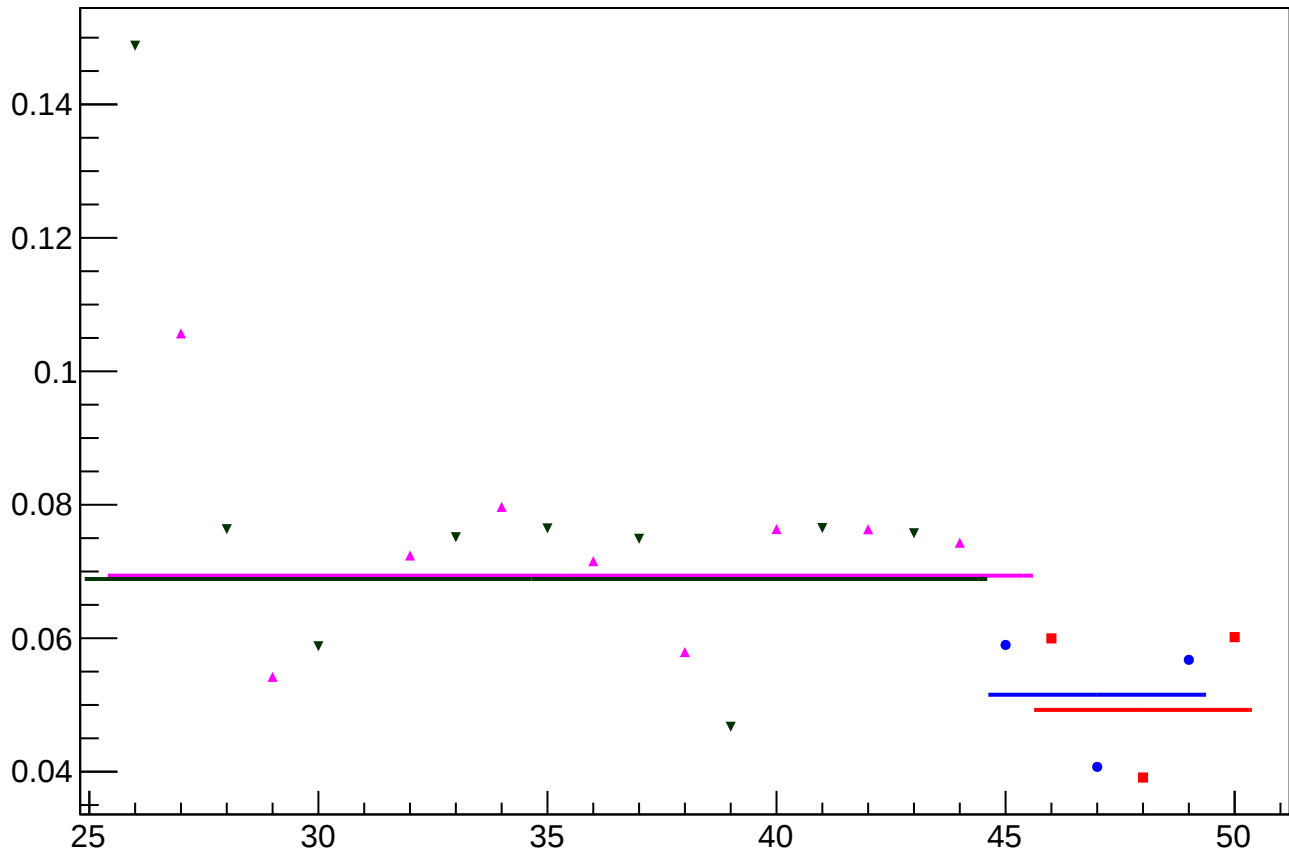
Right Out: 8.103+/-0.000 χ^2/NDF : 646878.0/2

Left In: 11.681+/-0.000 χ^2/NDF :1757981772.9/8

9.975+/-0.000 χ^2/NDF : 4153326457.8/11

10.507+/-0.000 χ^2/NDF : 6209201264.4/11

yield_sam6_rms vs slug



Right In: 0.052 $\pm$ 0.000 χ^2 /NDF: 88040.6/2

Left Out: 0.069 $\pm$ 0.000 χ^2 /NDF: 542333.9/8

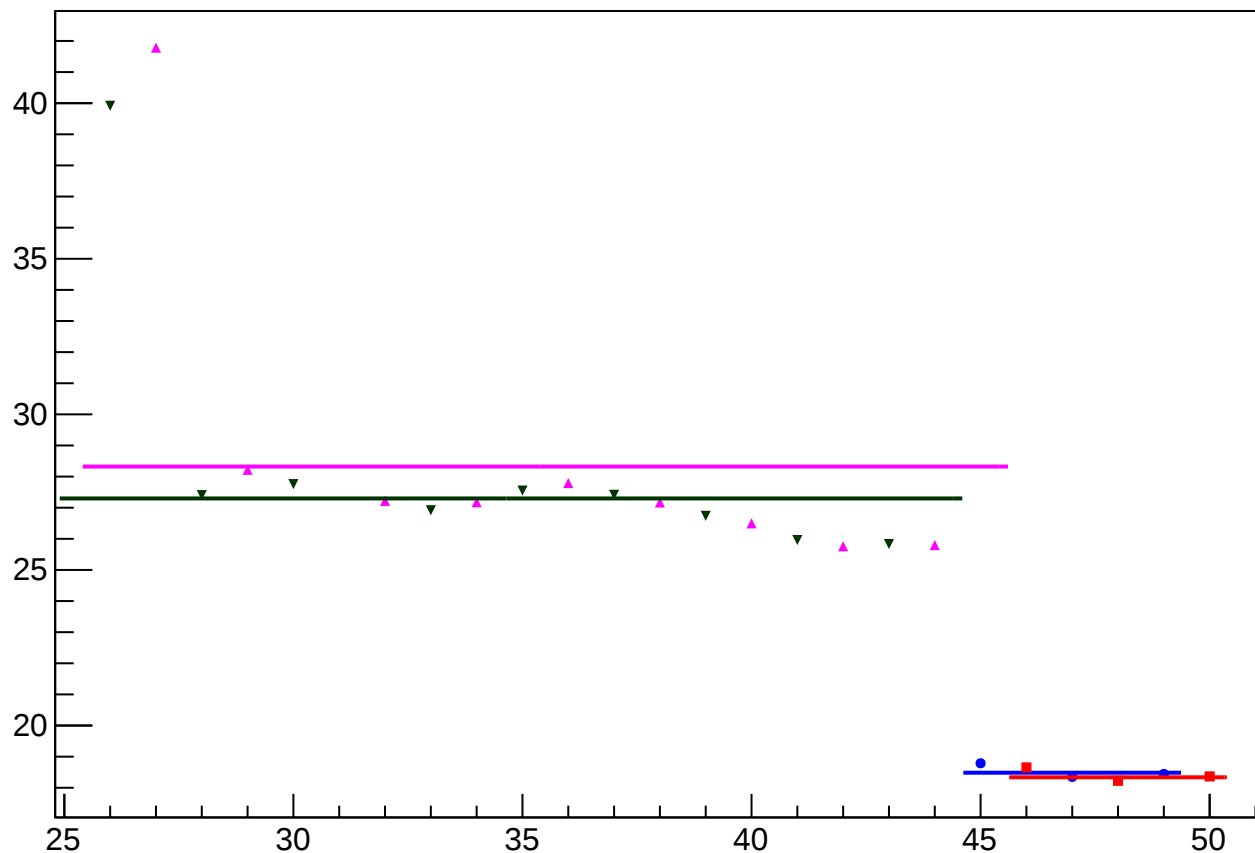
Right Out: 0.049 $\pm$ 0.000 χ^2 /NDF: 113526.0/2

Left In: 0.069 $\pm$ 0.000 χ^2 /NDF: 382716.0/8

0.062 $\pm$ 0.000 χ^2 /NDF: 859717.0/11

0.063 $\pm$ 0.000 χ^2 /NDF: 777584.1/11

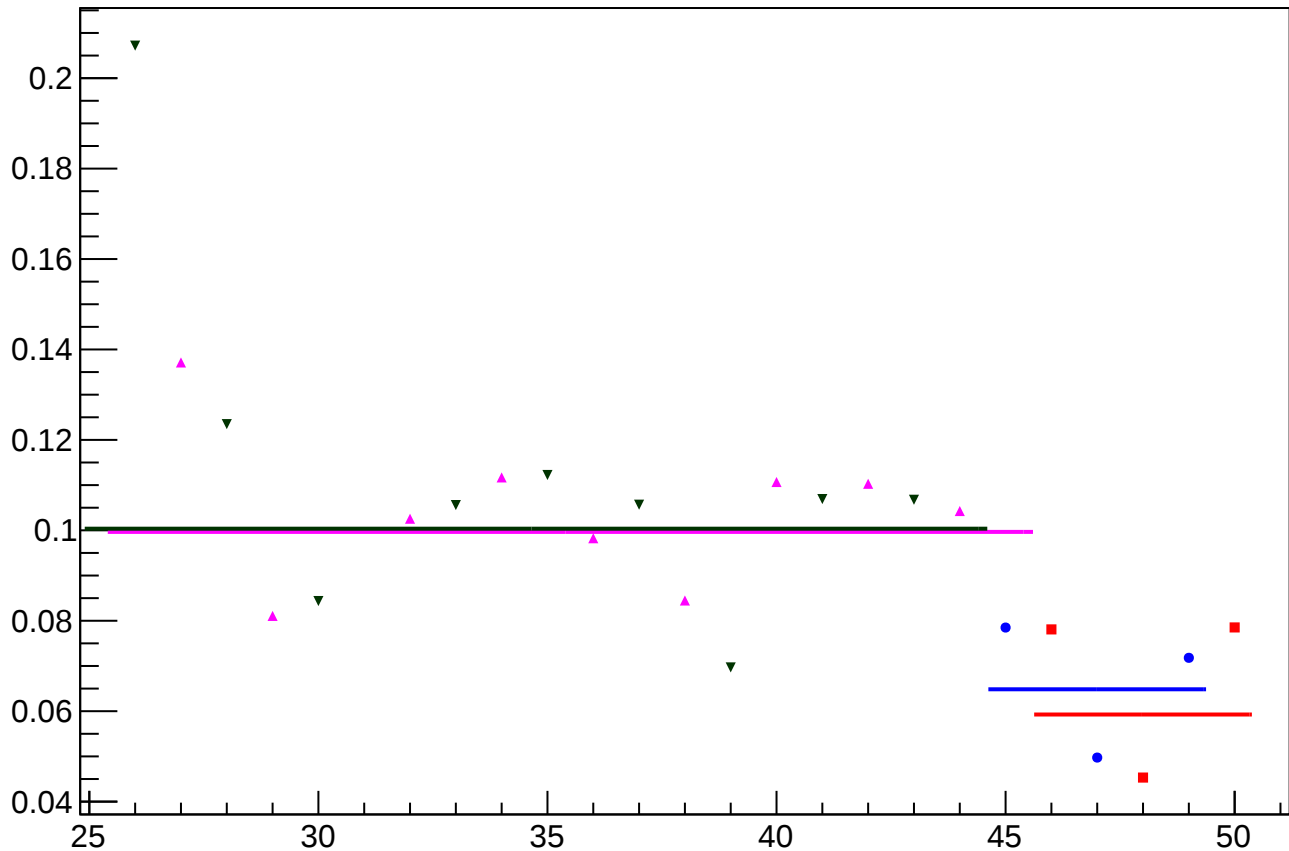
yield_sam7_mean vs slug



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: 18.336+/-0.000 χ^2/NDF : 8624013.5/2
 Left In: 28.322+/-0.000 χ^2/NDF :8116696622.8/8

22.972+/-0.000 χ^2/NDF : 18019856640.5/11
 24.378+/-0.000 χ^2/NDF : 28199203462.0/11

yield_sam7_rms vs slug



Right In: 0.065+/-0.000 χ^2/NDF : 119917.4/2

Left Out: 0.100+/-0.000 χ^2/NDF : 509899.4/8

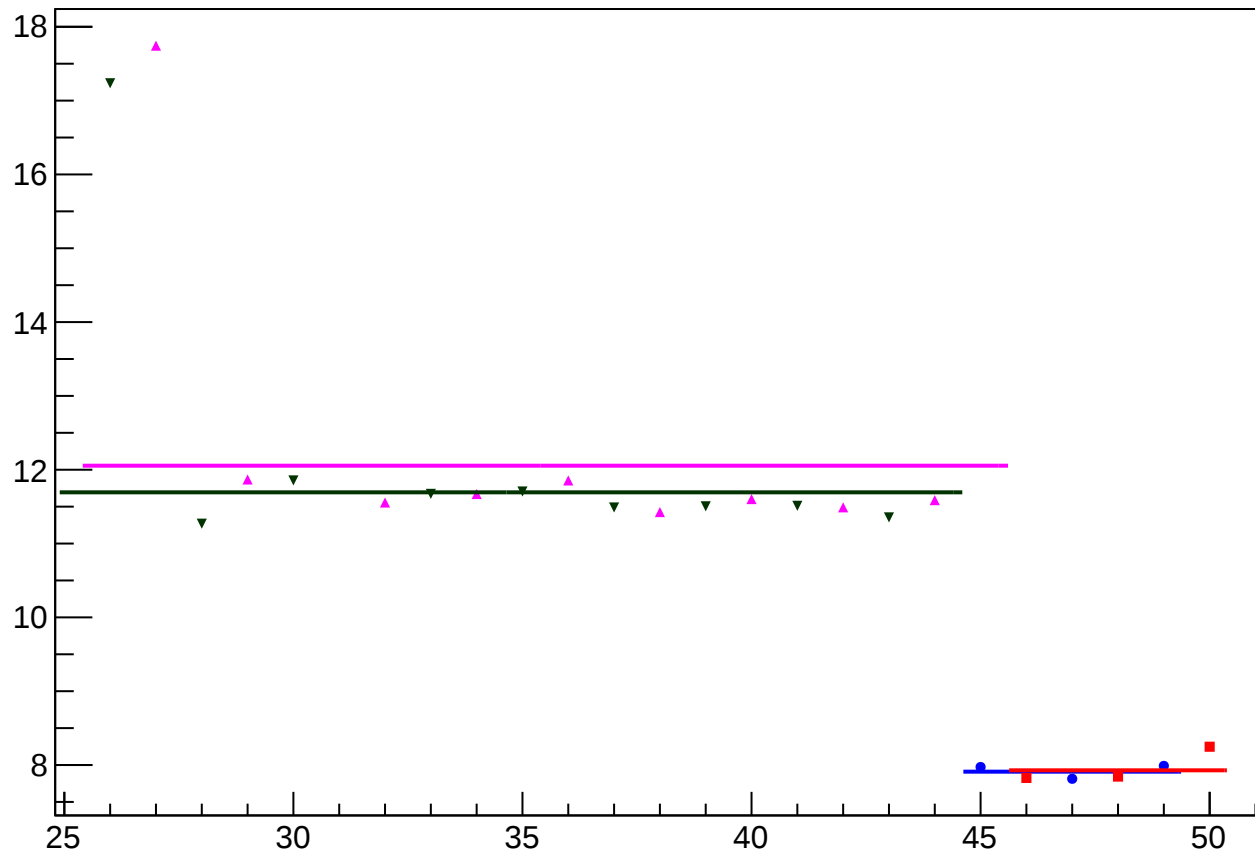
0.083+/-0.000 χ^2/NDF : 1150557.7/11

Right Out: 0.059+/-0.000 χ^2/NDF : 176969.9/2

0.084+/-0.000 χ^2/NDF : 1089053.9/11

Left In: 0.100+/-0.000 χ^2/NDF : 255418.8/8

yield_sam8_mean vs slug



Right In: 7.910+/-0.000 χ^2/NDF : 12021753.7/2

Left Out: 11.694+/-0.000 χ^2/NDF :1571804703.3/8

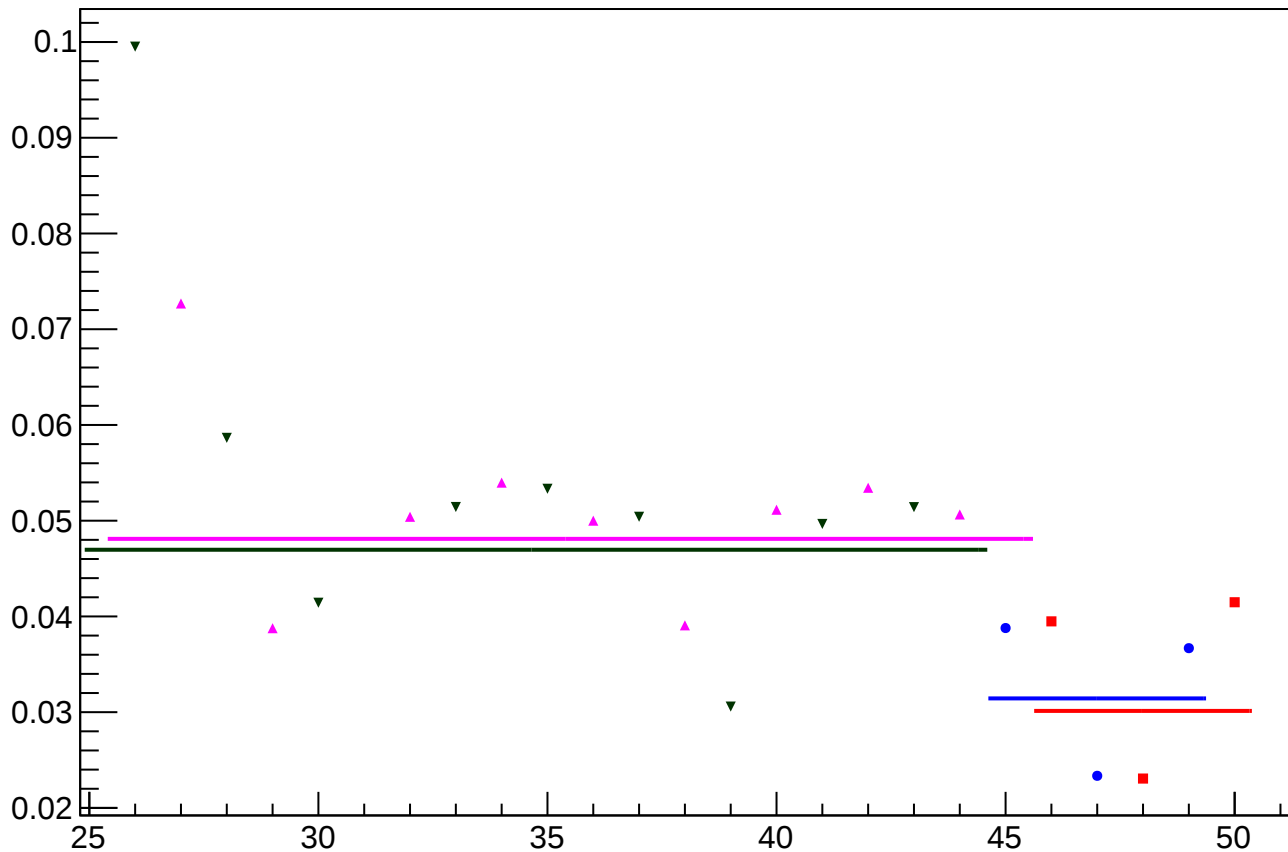
Right Out: 7.928+/-0.000 χ^2/NDF : 36895512.6/2

Left In: 12.055+/-0.000 χ^2/NDF :5109226136.0/8

9.926+/-0.000 χ^2/NDF : 14640202211.6/11

10.526+/-0.000 χ^2/NDF : 19012863195.0/11

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

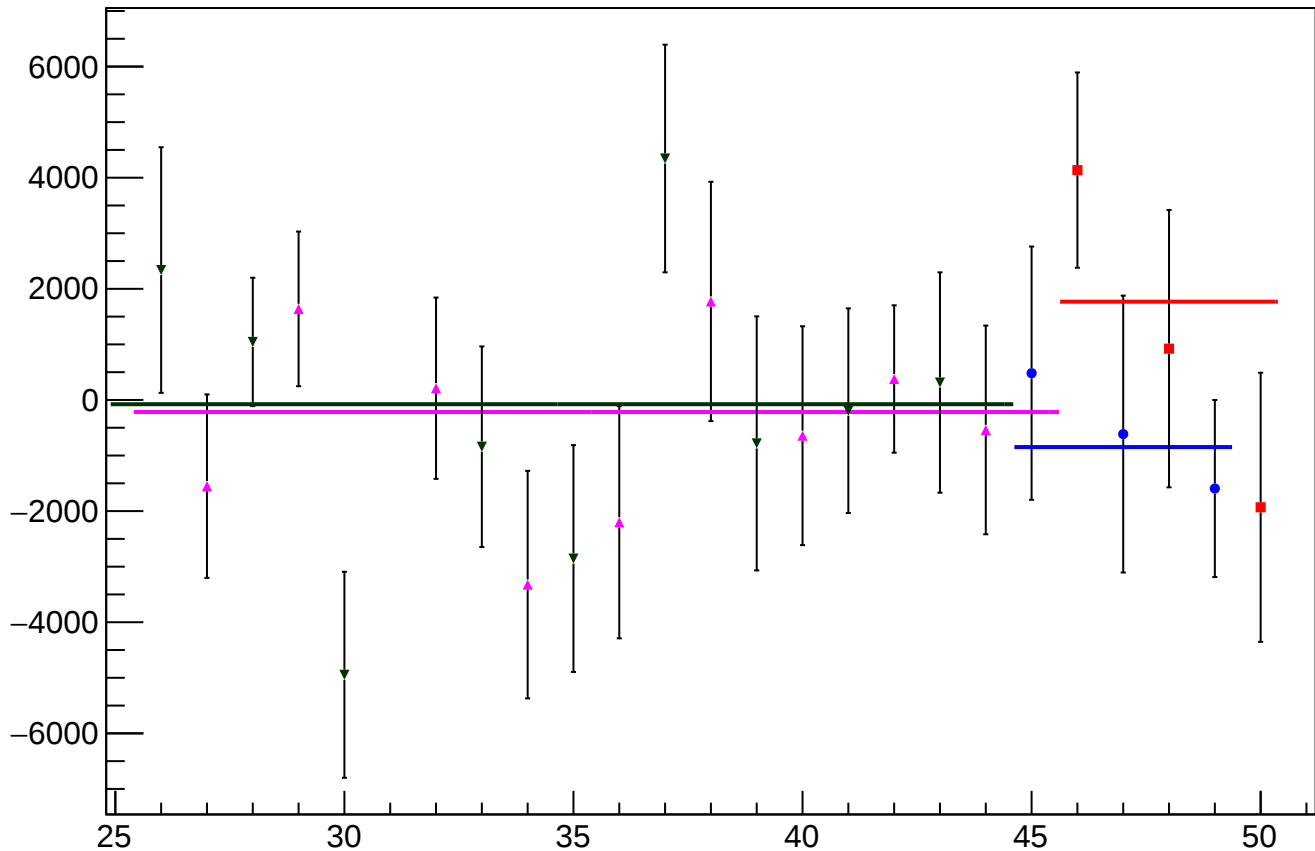
Right Out: 0.030+/-0.000 χ^2/NDF : 191692.6/2

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.040+/-0.000 χ^2/NDF : 1221613.3/11

0.041+/-0.000 χ^2/NDF : 1066501.0/11

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

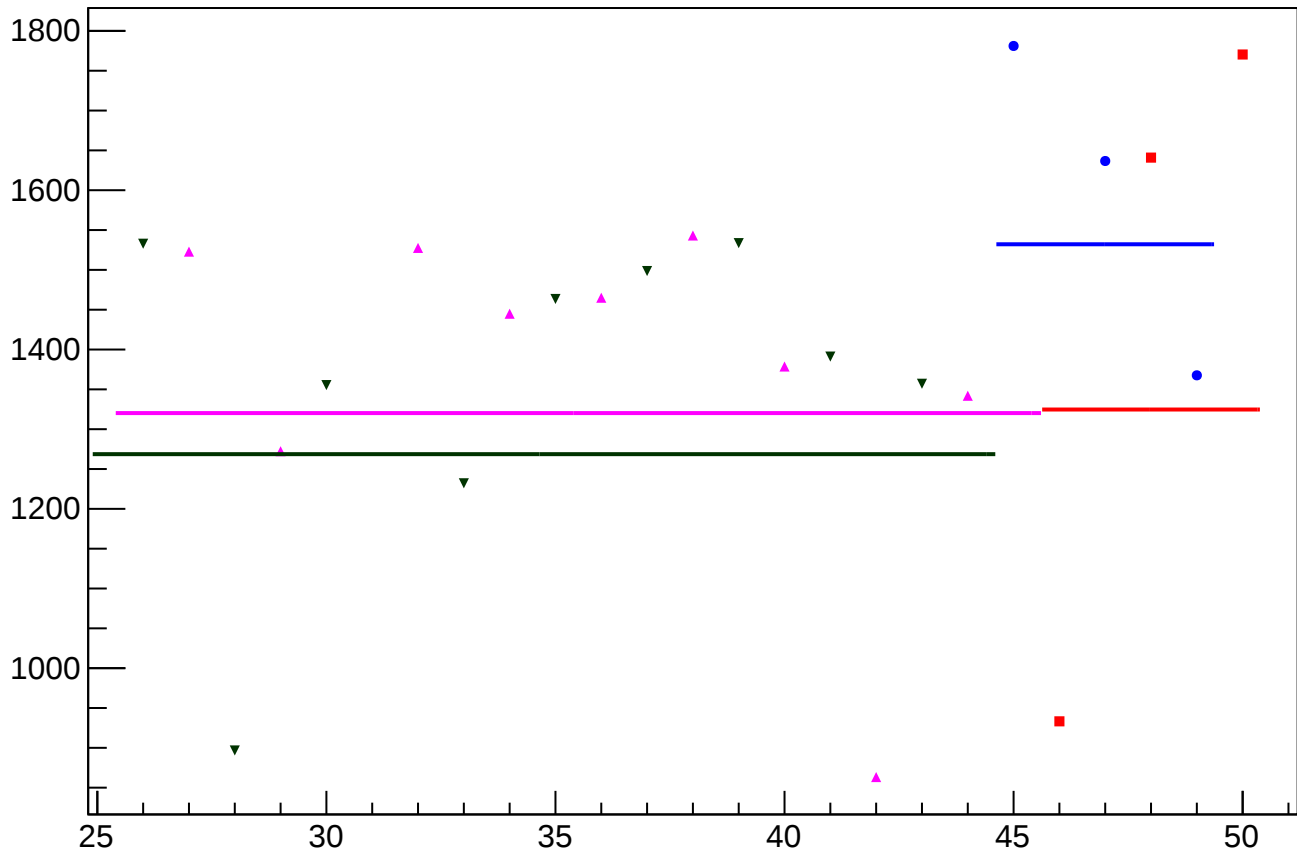
Right Out: 1768.787+/-1235.640 χ^2/NDF : 4.3/2

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

-240.284+/-533.034 χ^2/NDF : 16.8/11

133.924+/-519.340 χ^2/NDF : 13.2/11

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

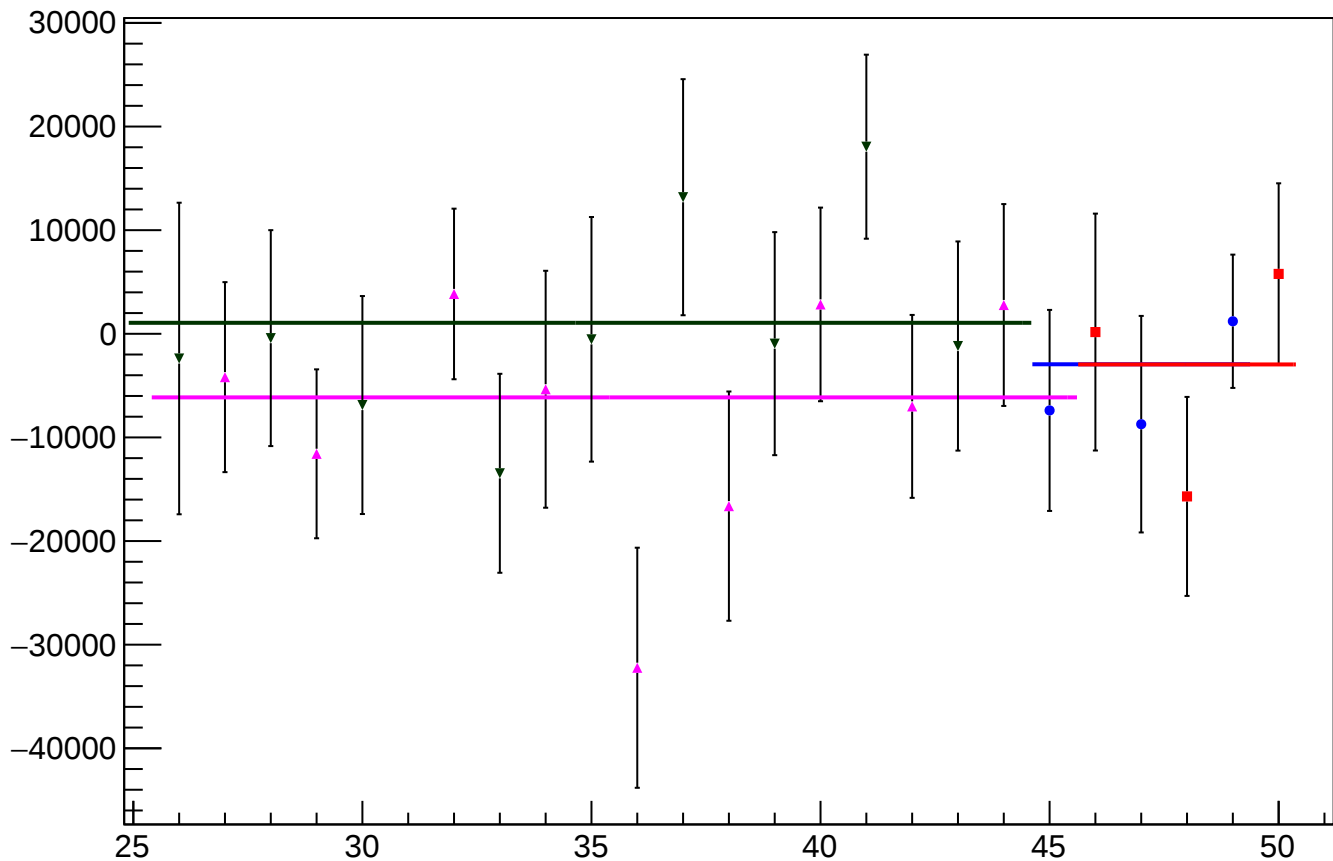
Right Out: 1324.698+/-0.874 χ^2/NDF : 199107.7/2

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

1324.614+/-0.377 χ^2/NDF : 454848.1/11

1321.013+/-0.367 χ^2/NDF : 541889.1/11

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

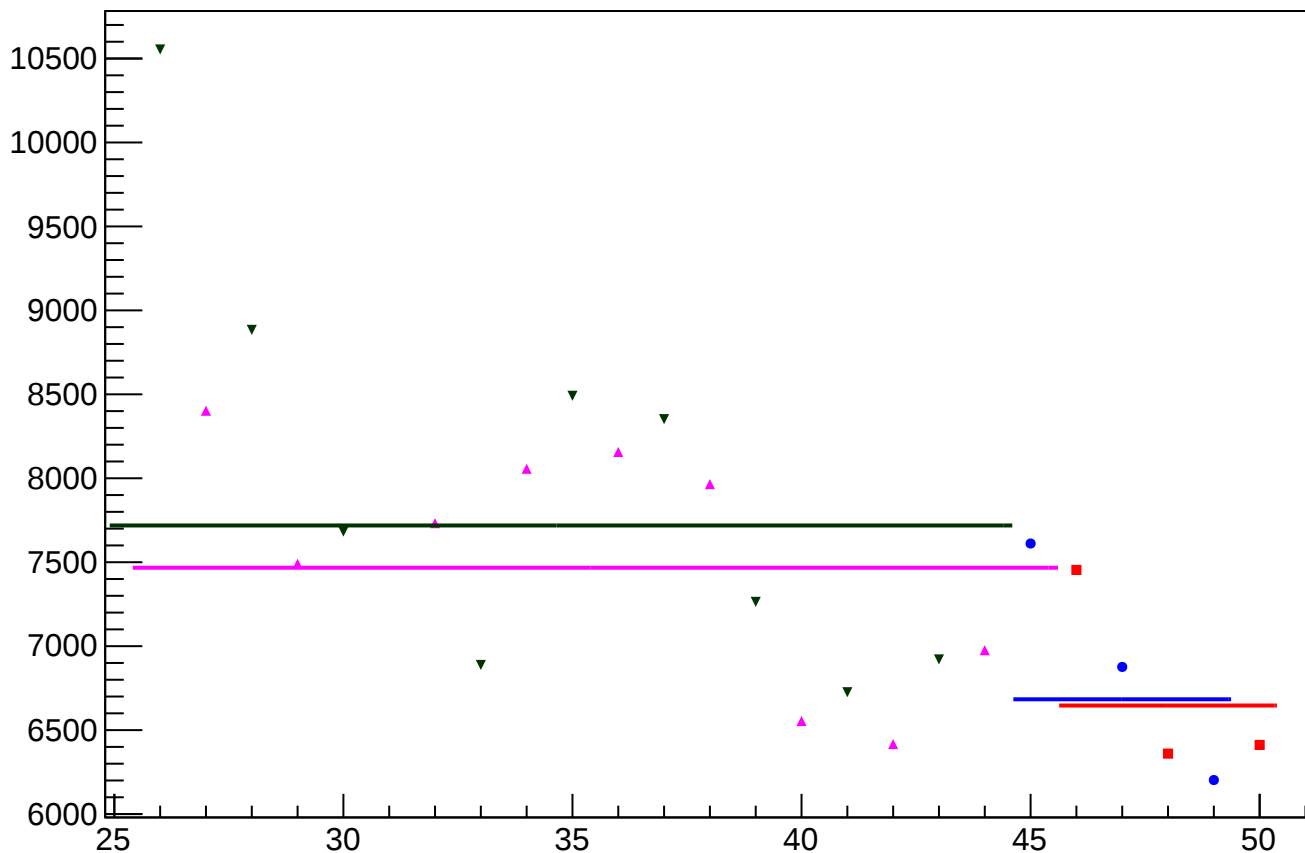
Right Out: -2956.952+/-5627.552 χ^2/NDF : 2.8/2

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

-363.790+/-2845.480 χ^2/NDF : 9.2/11

-5372.109+/-2758.759 χ^2/NDF : 12.8/11

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

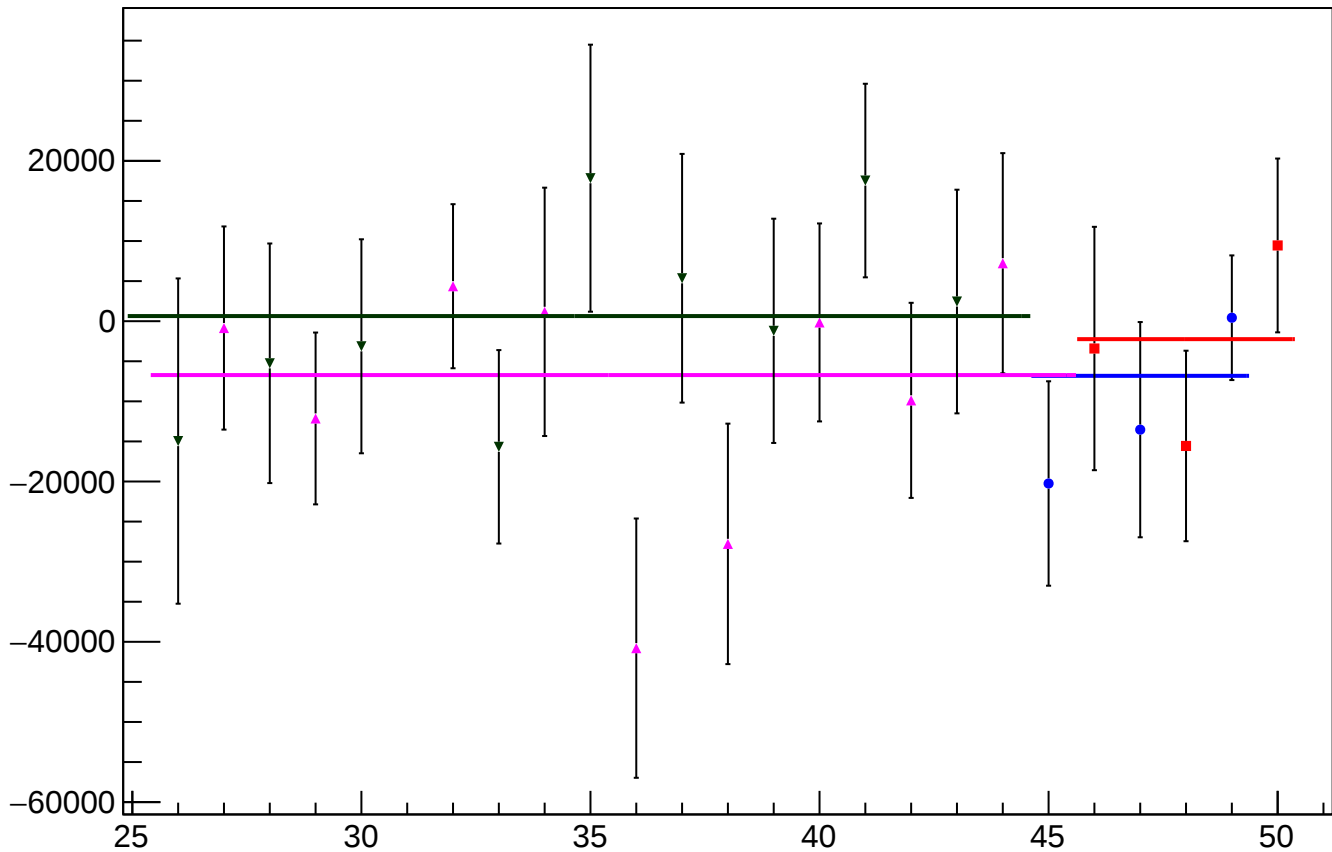
Right Out: 6646.535+/-3.979 χ^2/NDF : 13205.7/2

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

7350.401+/-2.012 χ^2/NDF : 257840.7/11

7269.970+/-1.951 χ^2/NDF : 137364.7/11

cor_sam3_mean vs slug



Right In: -6816.437 $\pm$ 5951.364 χ^2/NDF : 2.2/2

Left Out: 639.789 $\pm$ 4753.910 χ^2/NDF : 5.8/8

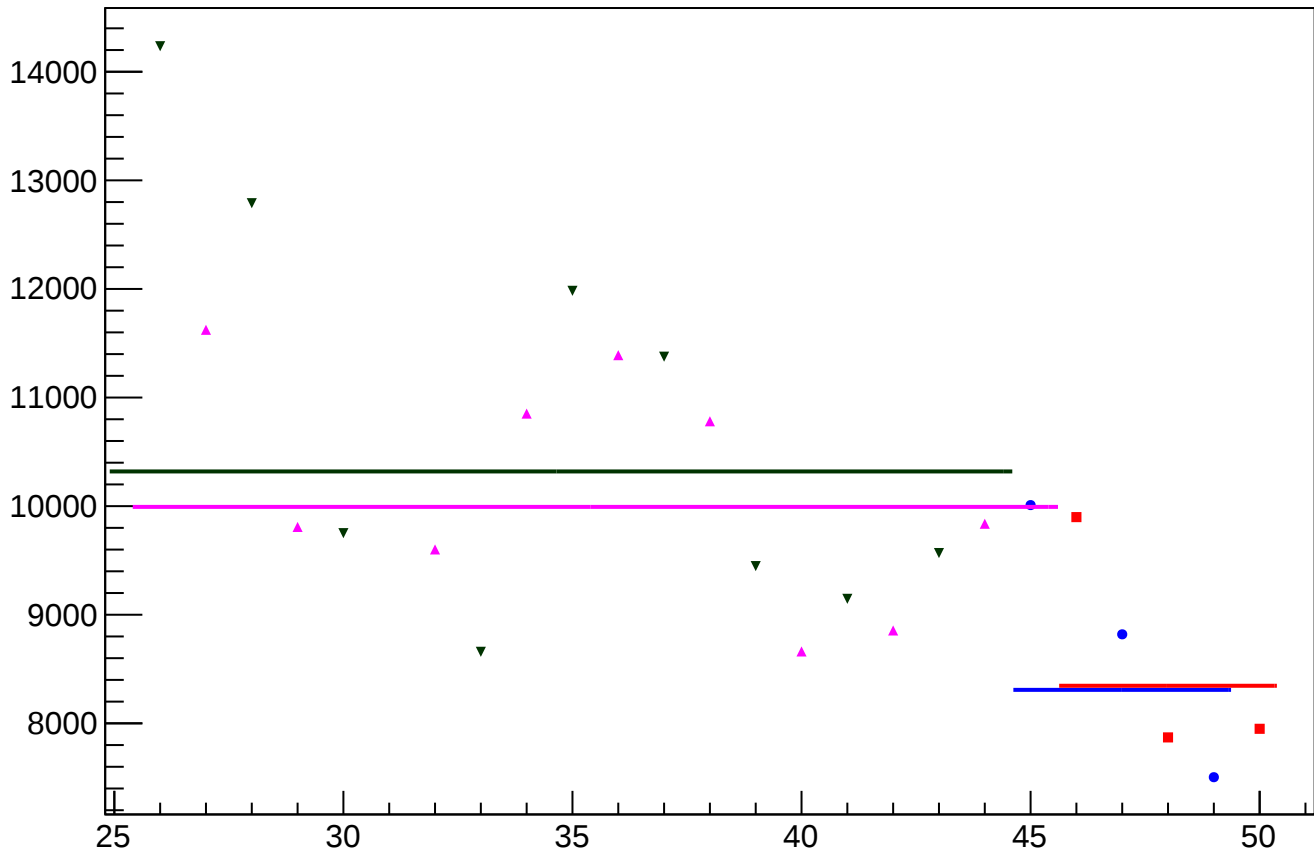
Right Out: -2239.762 $\pm$ 7084.026 χ^2/NDF : 2.4/2

Left In: -6721.702 $\pm$ 4244.047 χ^2/NDF : 9.7/8

-2264.603 $\pm$ 3714.365 χ^2/NDF : 9.0/11

-5537.920 $\pm$ 3640.684 χ^2/NDF : 12.4/11

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

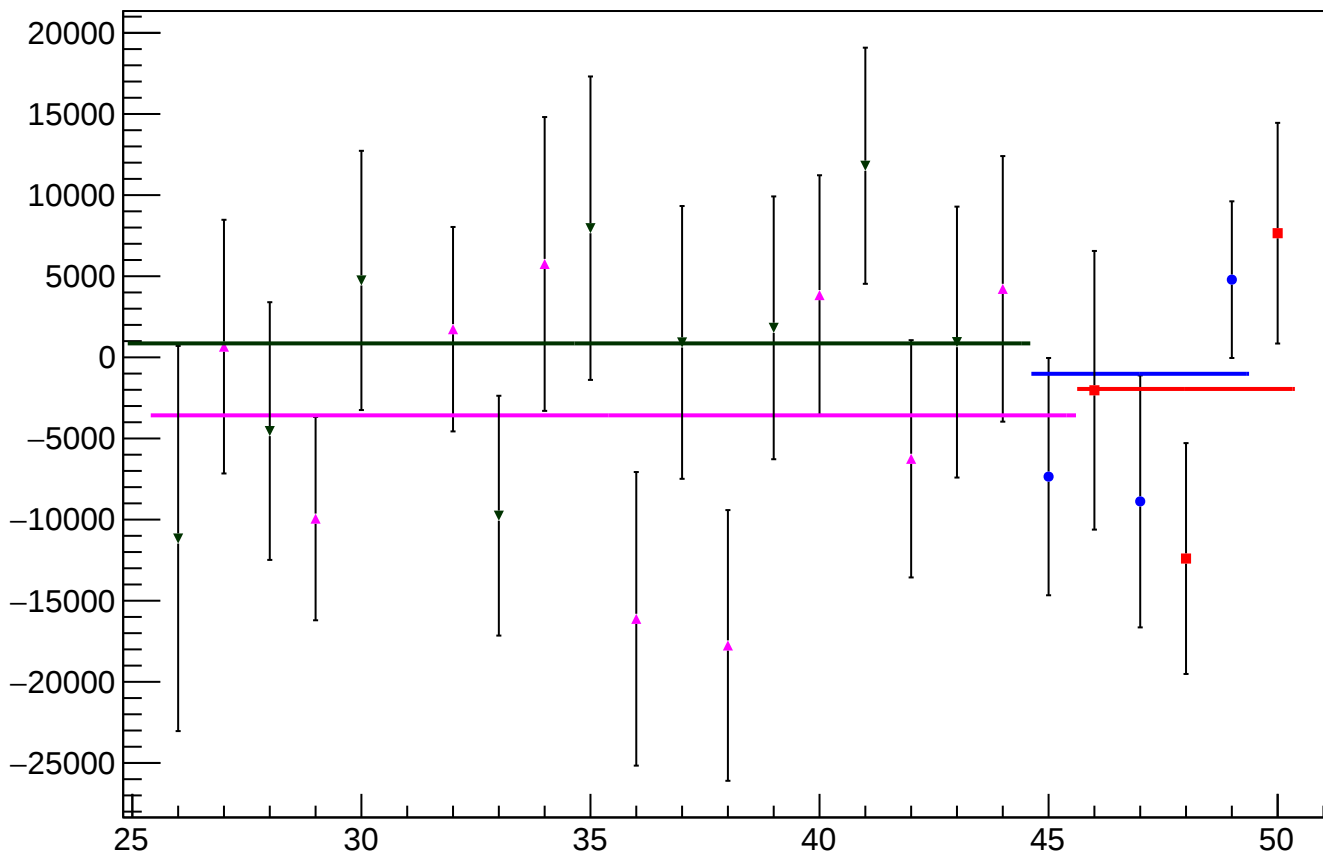
9536.082+/-2.626 χ^2/NDF : 431616.3/11

Right Out: 8346.001+/-5.009 χ^2/NDF : 26804.8/2

9558.075+/-2.574 χ^2/NDF : 210581.4/11

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

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

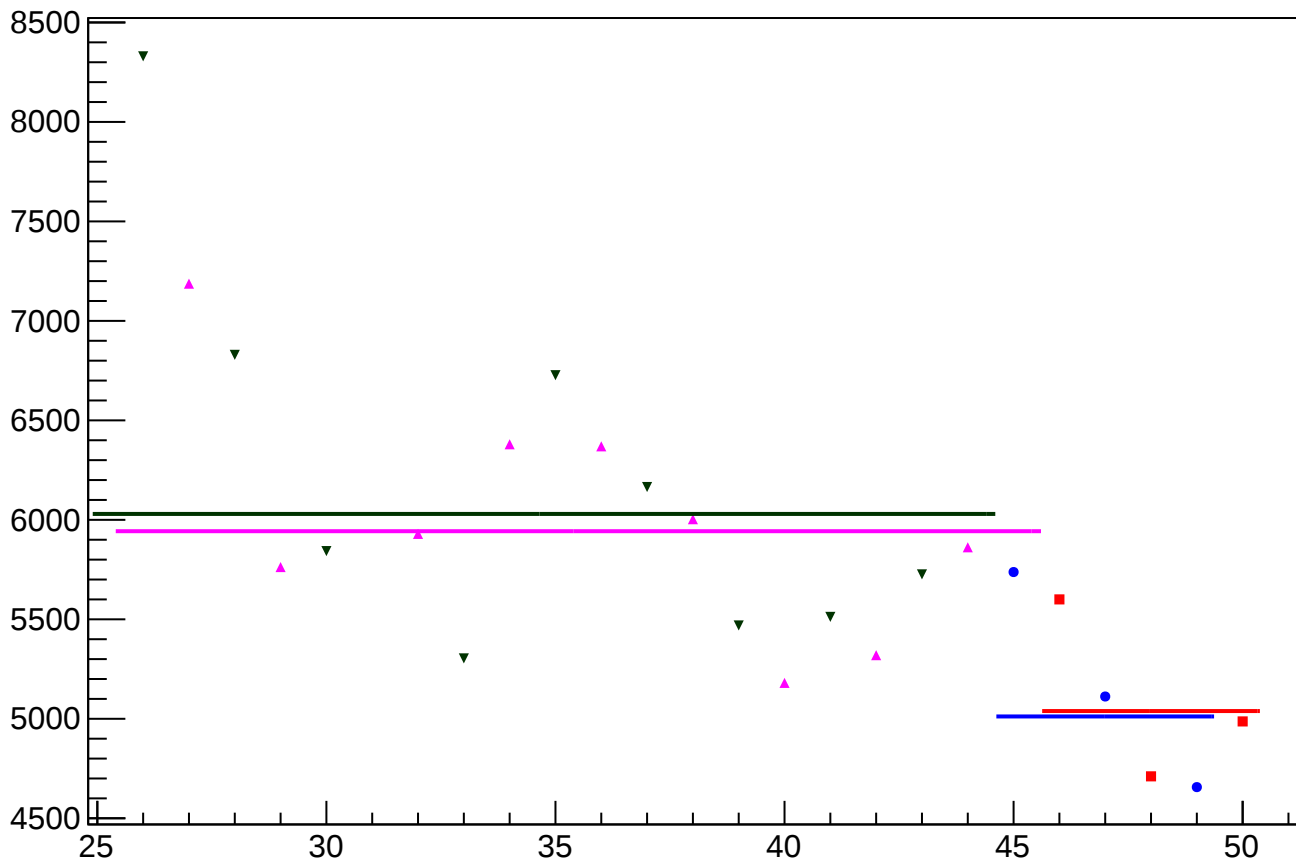
Right Out: -1947.769+/-4266.567 χ^2/NDF : 4.2/2

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

159.919+/-2186.606 χ^2/NDF : 10.0/11

-3154.237+/-2168.338 χ^2/NDF : 14.2/11

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

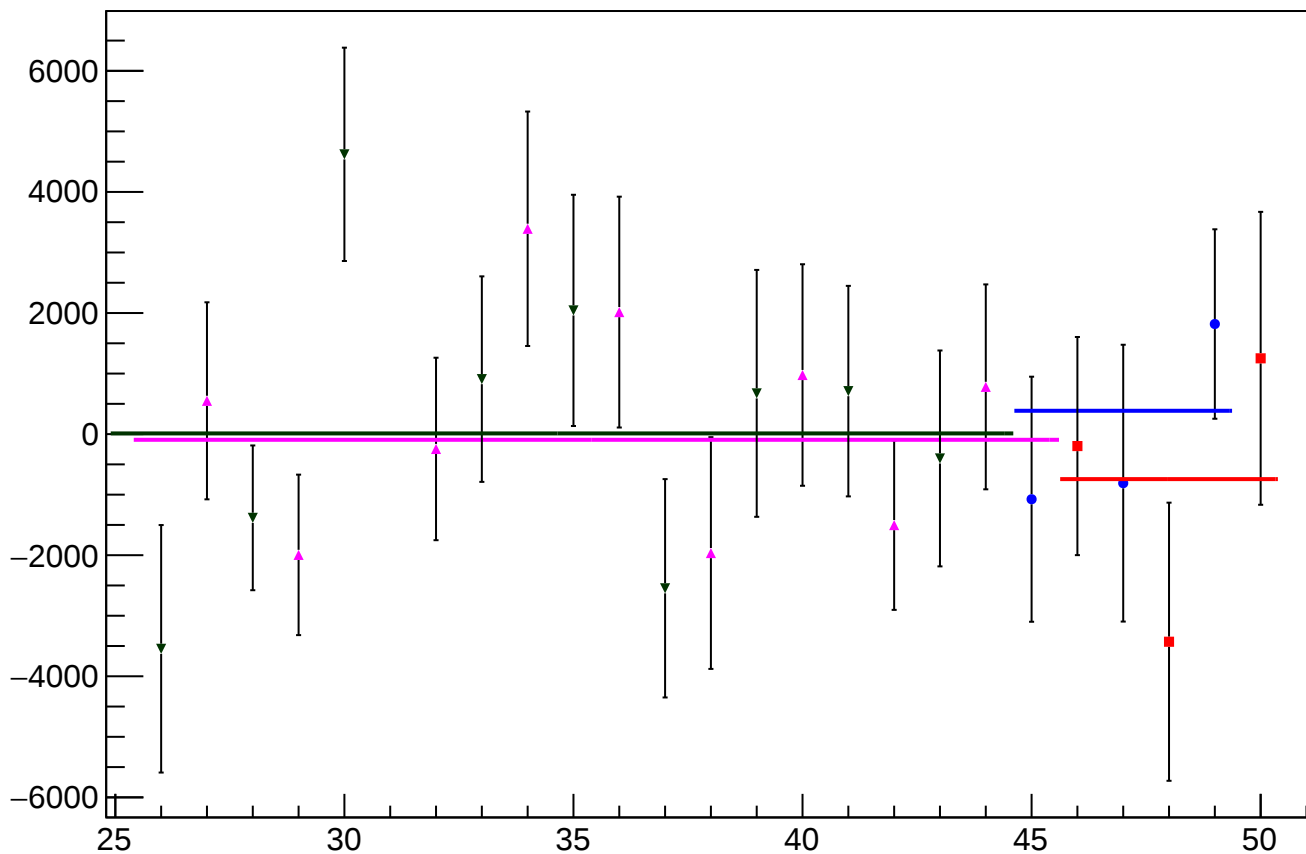
Right Out: 5038.918+/-3.017 χ^2/NDF : 12913.6/2

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5649.239+/-1.546 χ^2/NDF : 282051.5/11

5709.404+/-1.533 χ^2/NDF : 177058.7/11

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

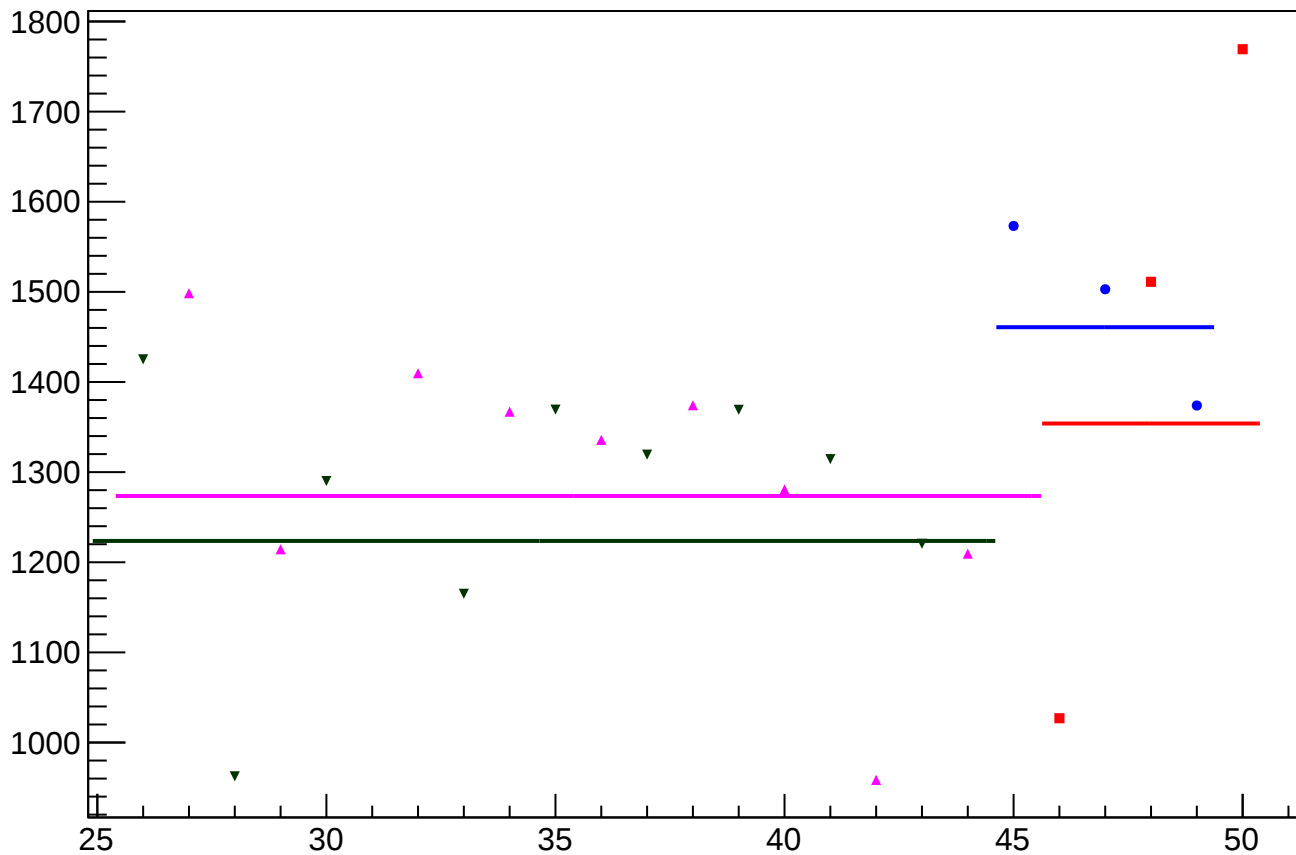
Right Out: -743.303 $\pm$ 1223.083 χ^2 /NDF: 2.1/2

Left In: -93.953 $\pm$ 545.533 χ^2 /NDF: 9.3/8

91.908 $\pm$ 505.088 χ^2 /NDF: 16.7/11

-201.701 $\pm$ 498.221 χ^2 /NDF: 11.6/11

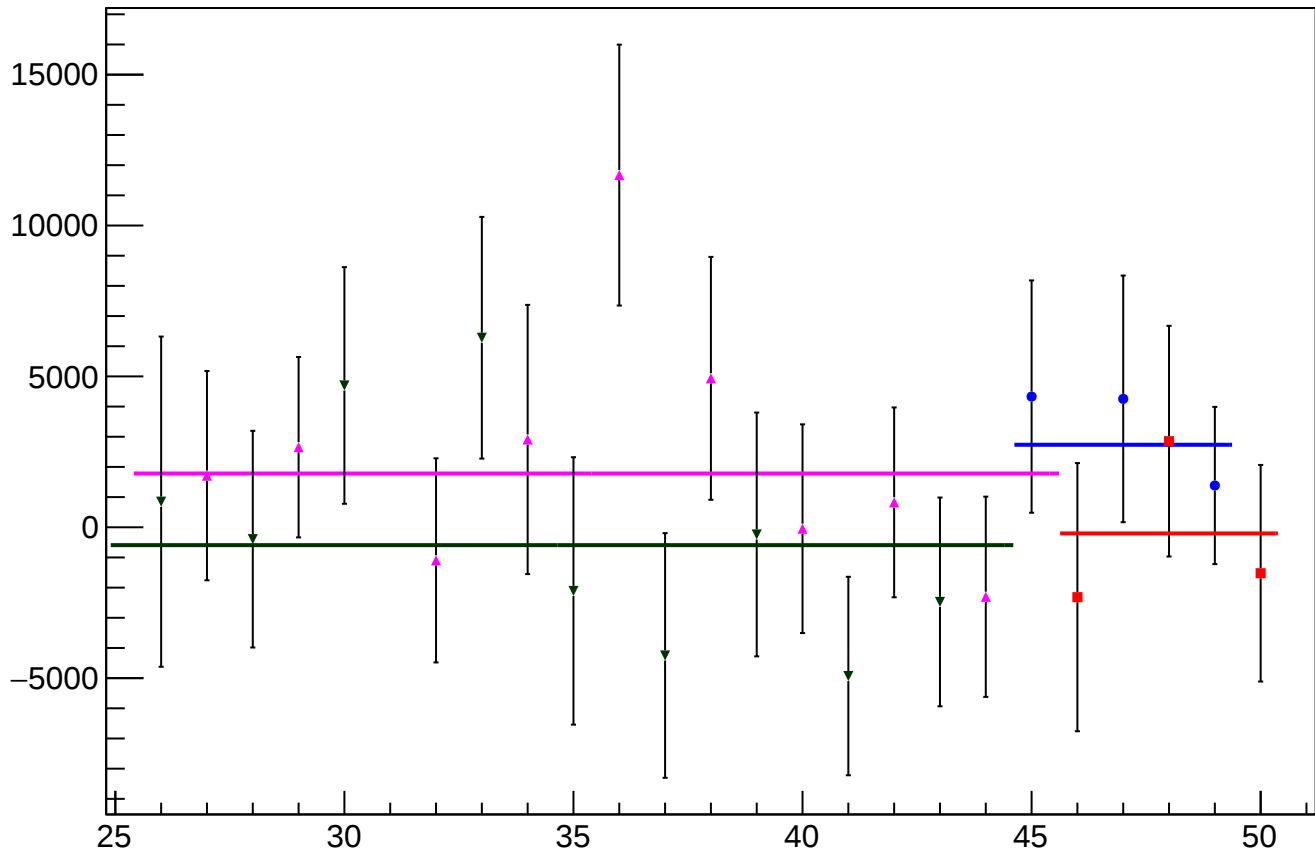
cor_sam5_rms vs slug



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: 1353.955 $\pm$ 0.865 χ^2 /NDF: 134194.8/2
 Left In: 1273.541 $\pm$ 0.386 χ^2 /NDF: 174992.2/8

1274.713 $\pm$ 0.357 χ^2 /NDF: 240528.5/11
 1286.884 $\pm$ 0.352 χ^2 /NDF: 316397.7/11

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

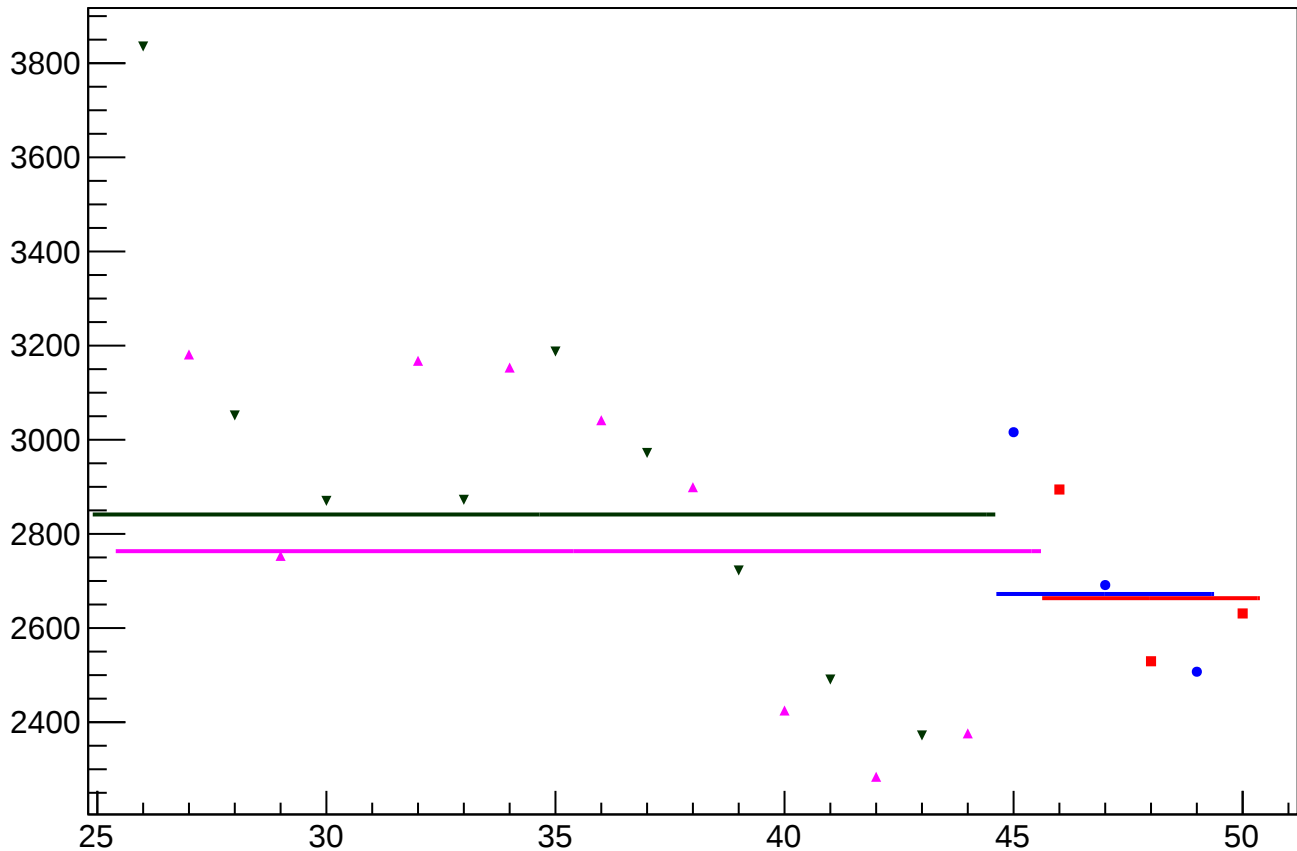
Right Out: -204.389+/-2254.605 χ^2/NDF : 1.0/2

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

467.306+/-1077.034 χ^2/NDF : 10.5/11

1357.338+/-1042.482 χ^2/NDF : 10.2/11

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

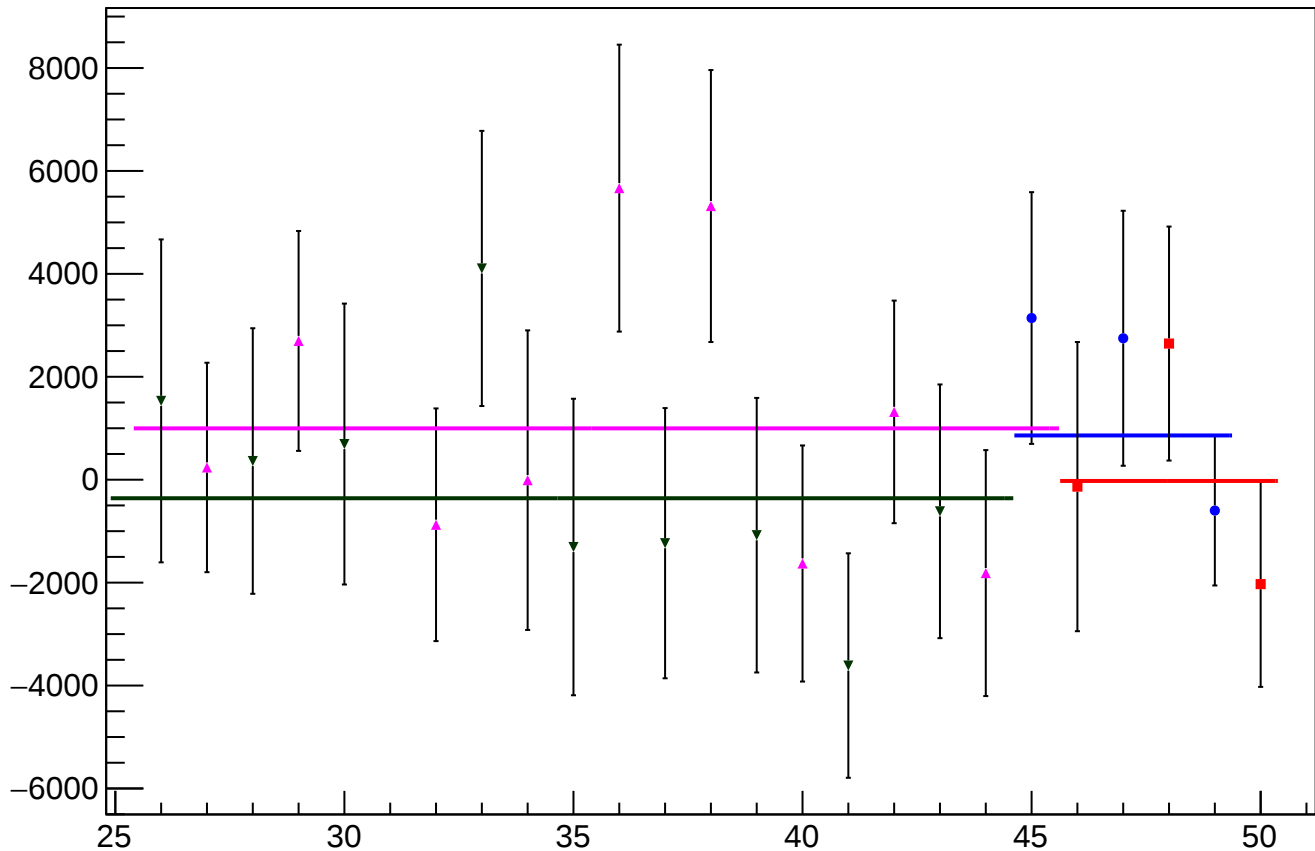
2787.460+/-0.762 χ^2/NDF : 183399.1/11

Right Out: 2663.450+/-1.594 χ^2/NDF : 8021.2/2

2741.978+/-0.737 χ^2/NDF : 187413.1/11

Left In: 2763.332+/-0.831 χ^2/NDF : 176305.8/8

cor_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

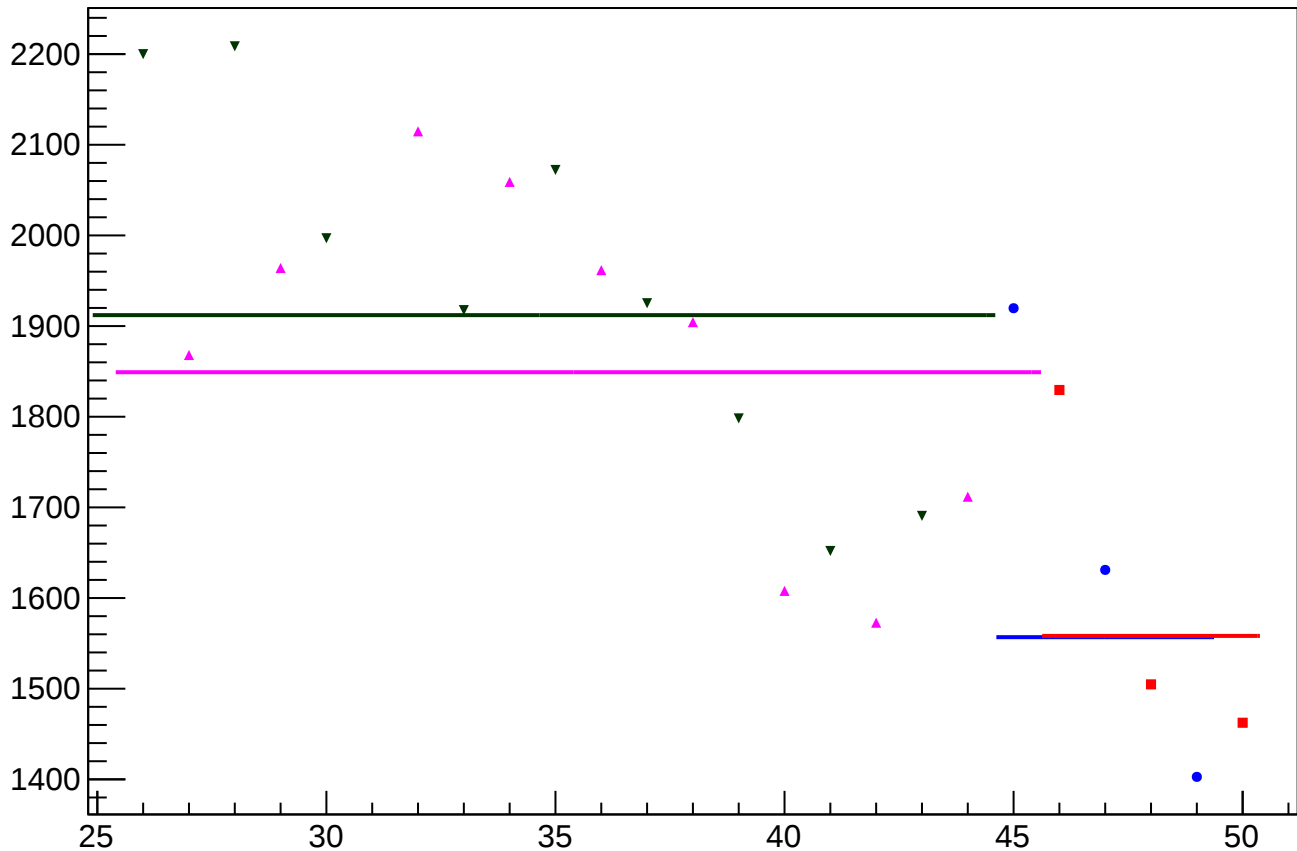
Right Out: -24.184+/-1323.532 χ^2/NDF : 2.4/2

Left In: 997.468+/-784.441 χ^2/NDF : 9.8/8

103.861+/-688.585 χ^2/NDF : 9.1/11

731.879+/-674.820 χ^2/NDF : 12.6/11

cor_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

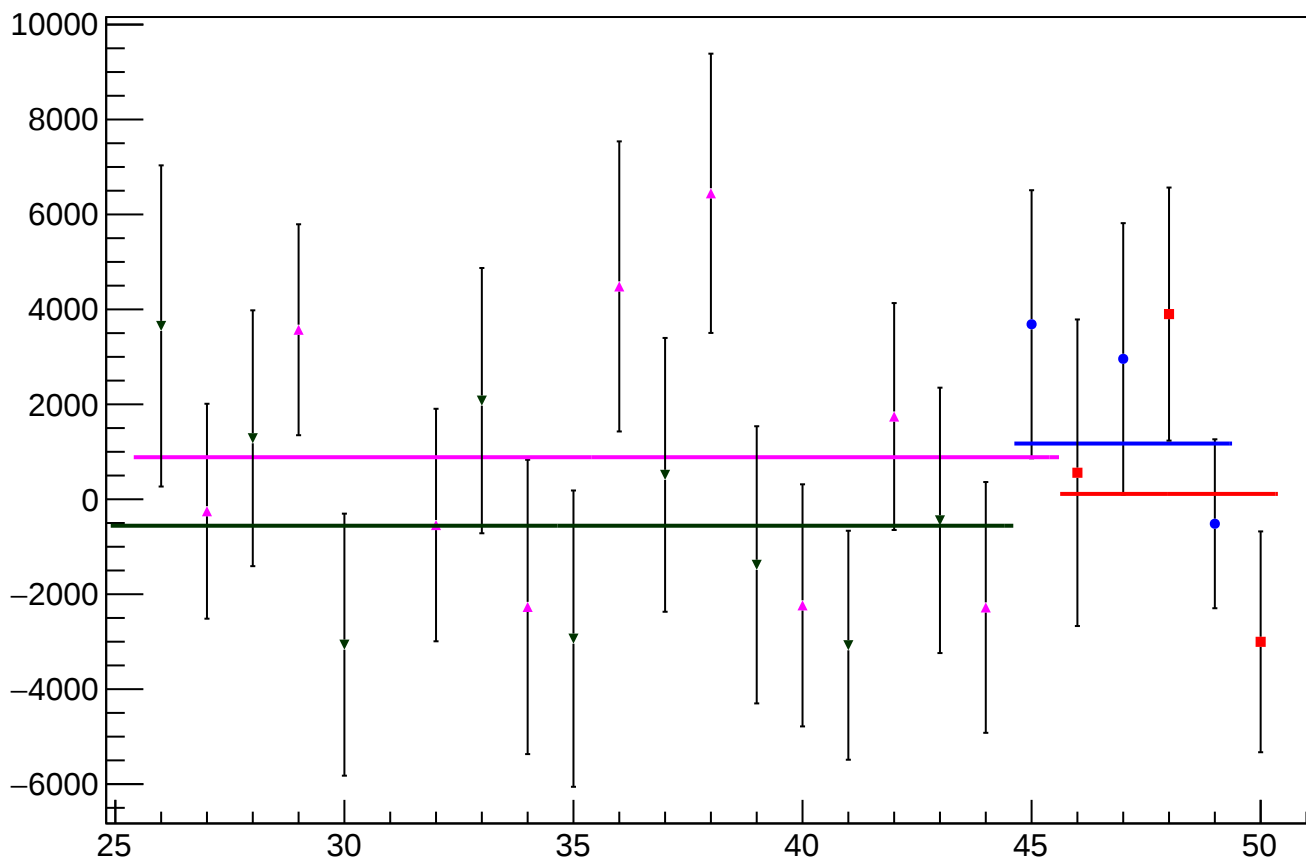
Right Out: 1558.240+/-0.936 χ^2/NDF : 24348.4/2

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1776.945+/-0.487 χ^2/NDF : 293345.5/11

1773.487+/-0.477 χ^2/NDF : 205328.4/11

cor_sam8_mean vs slug



Right In: 1174.078+/-1331.982 χ^2/NDF : 2.1/2

Left Out: -557.273+/-942.969 χ^2/NDF : 5.6/8

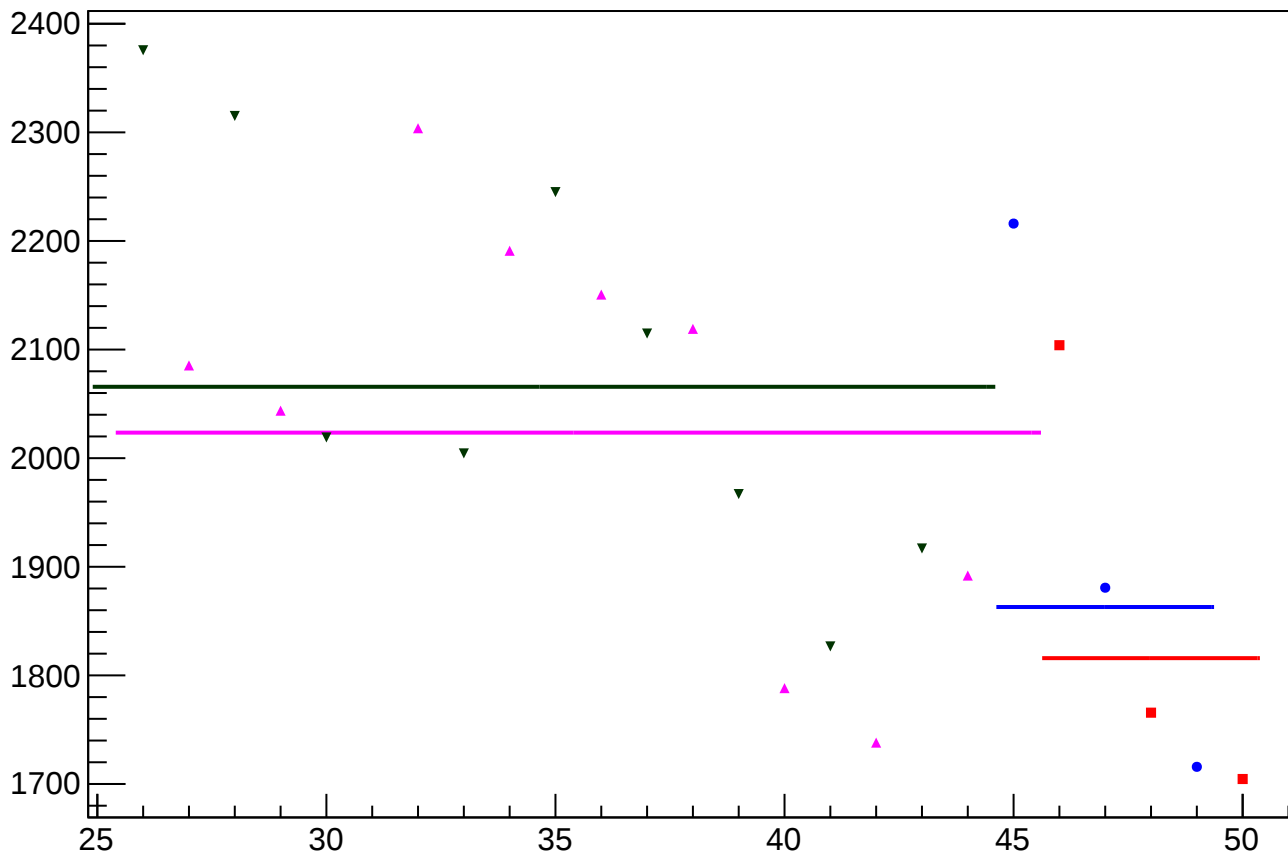
Right Out: 113.153+/-1540.283 χ^2/NDF : 3.8/2

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

20.755+/-769.627 χ^2/NDF : 8.8/11

703.610+/-748.511 χ^2/NDF : 15.1/11

cor_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

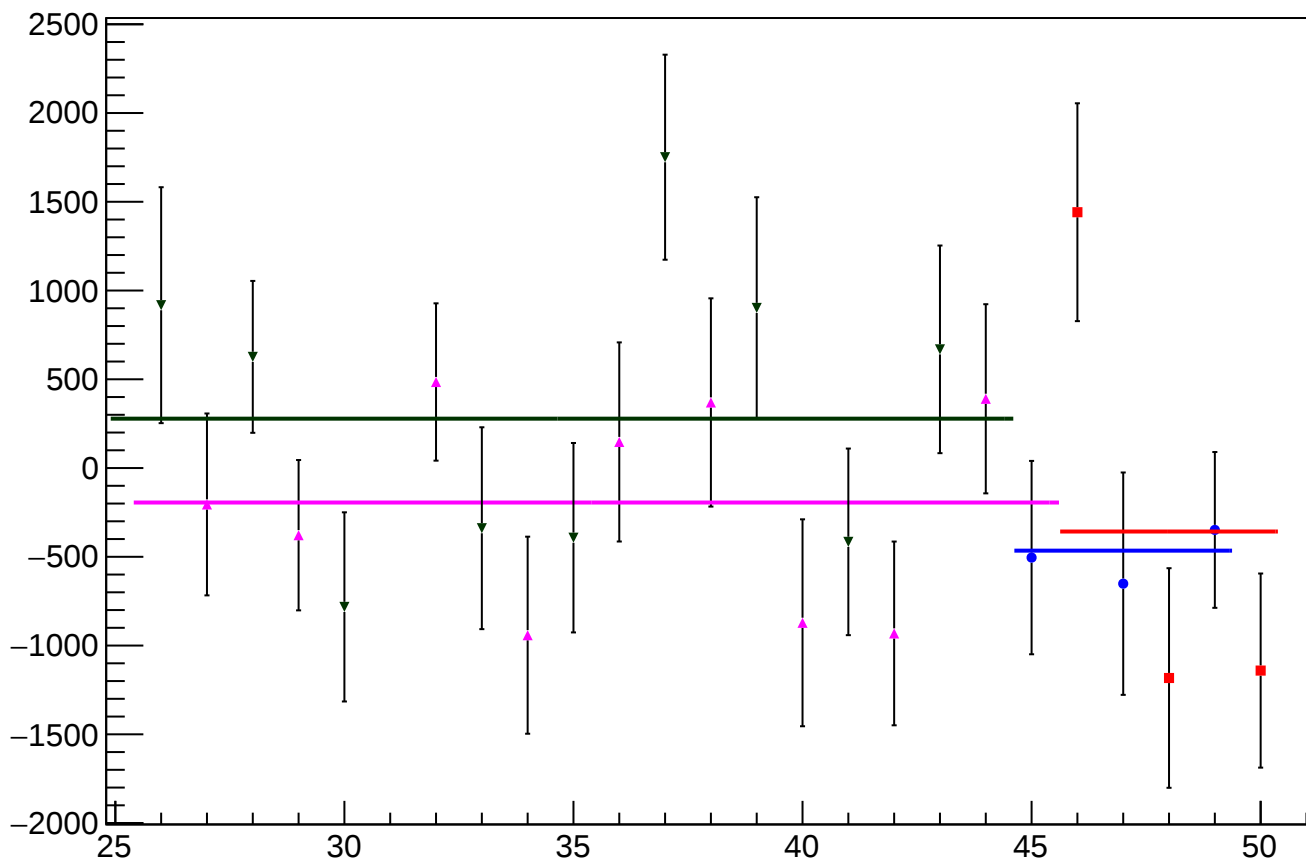
Right Out: 1815.868+/-1.089 χ^2/NDF : 21215.0/2

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1998.031+/-0.544 χ^2/NDF : 146140.0/11

1974.481+/-0.529 χ^2/NDF : 138756.0/11

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

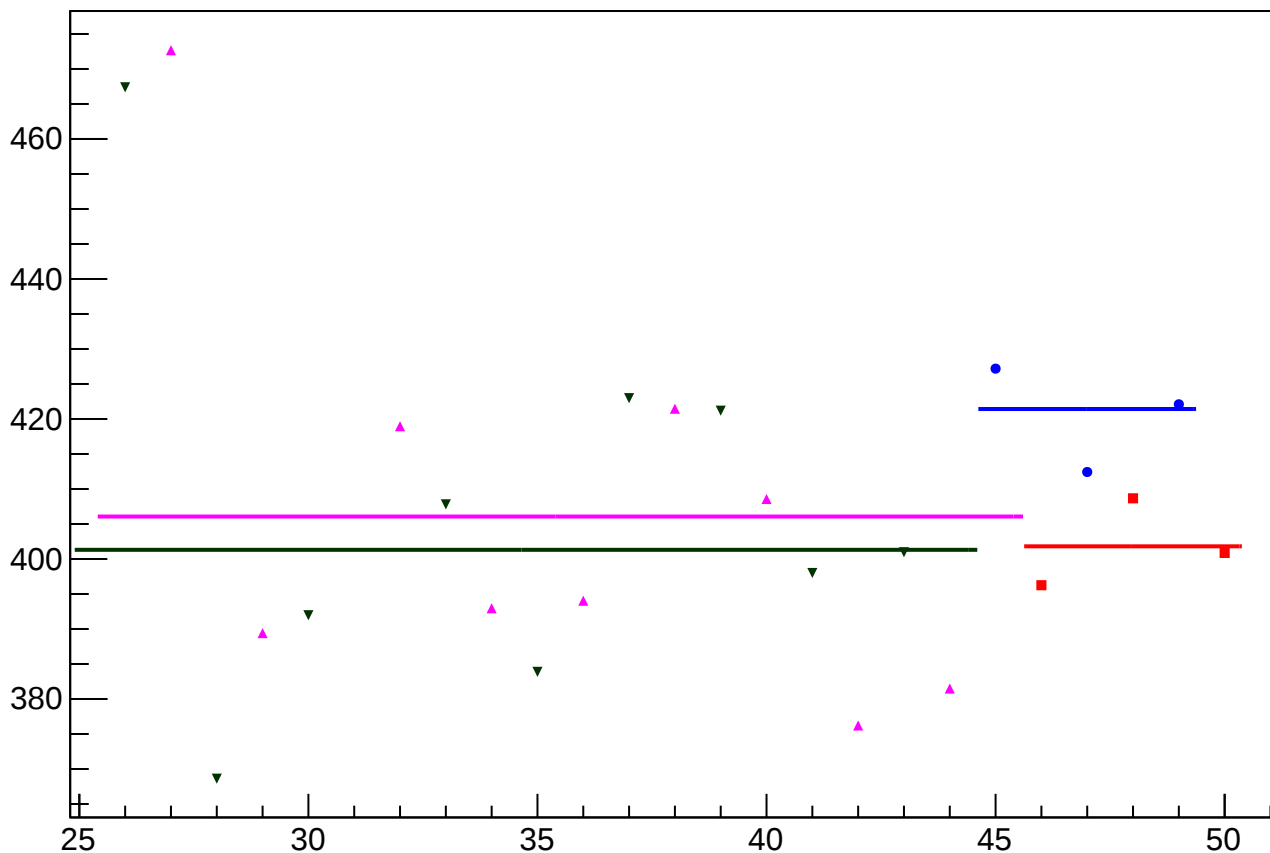
Right Out: -357.578+/-340.714 χ^2/NDF : 12.4/2

Left In: -194.244+/-171.477 χ^2/NDF : 10.2/8

77.058+/-156.020 χ^2/NDF : 22.6/11

-227.254+/-153.172 χ^2/NDF : 22.8/11

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

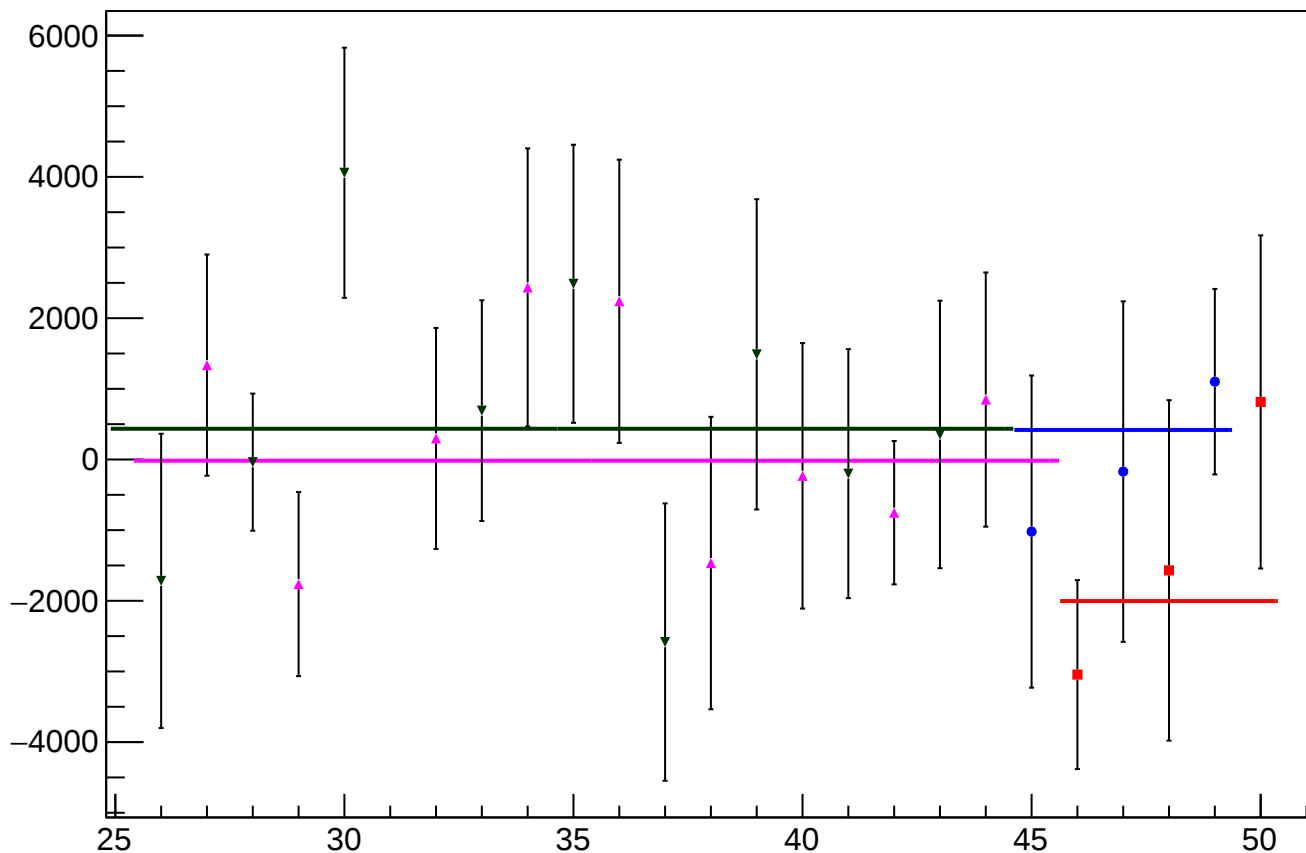
Right Out: 401.809+/-0.241 χ^2/NDF : 415.8/2

Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

406.751+/-0.110 χ^2/NDF : 46589.6/11

405.206+/-0.108 χ^2/NDF : 53618.1/11

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

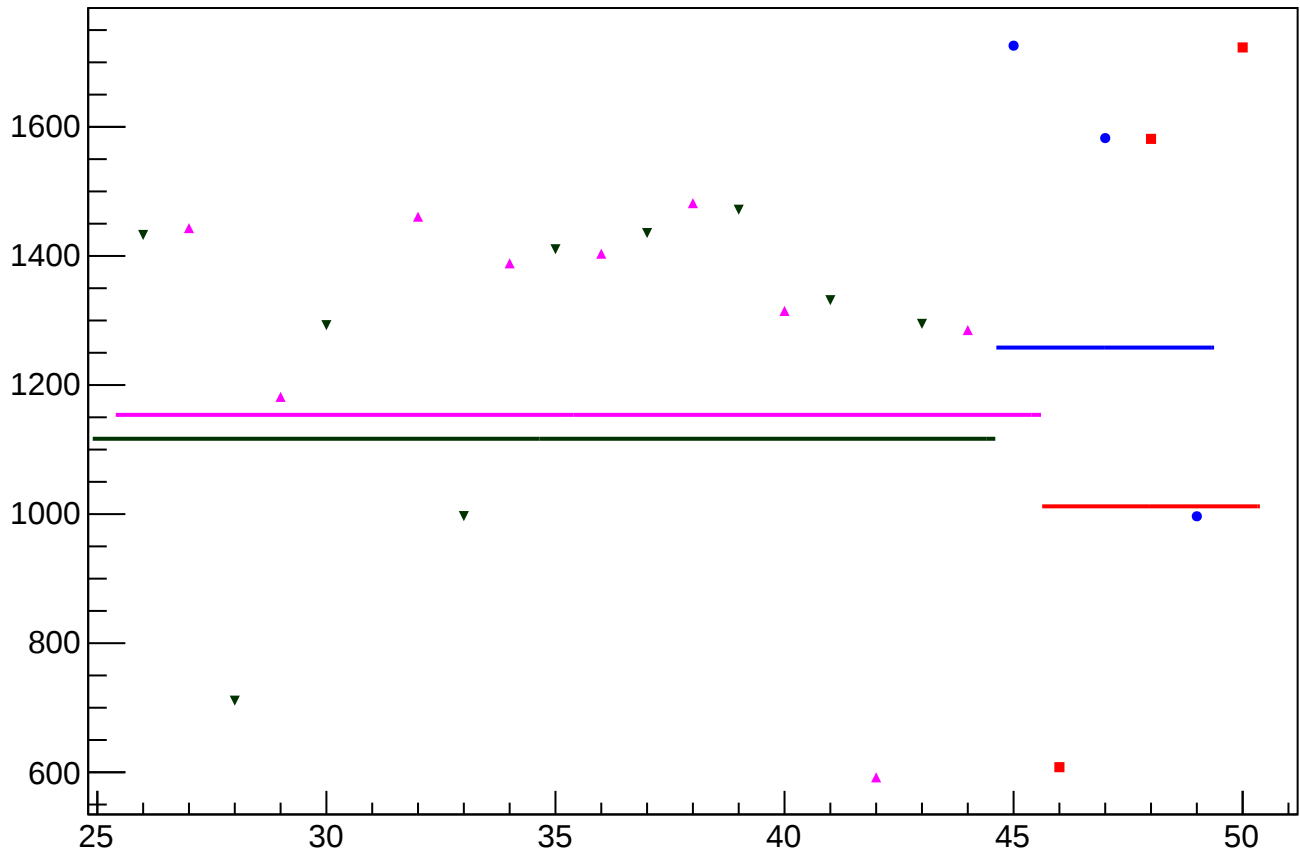
Right Out: -2003.660+/-1047.532 χ^2/NDF : 2.1/2

Left In: -17.108+/-519.136 χ^2/NDF : 6.7/8

431.240+/-481.980 χ^2/NDF : 10.1/11

-408.804+/-465.149 χ^2/NDF : 11.6/11

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

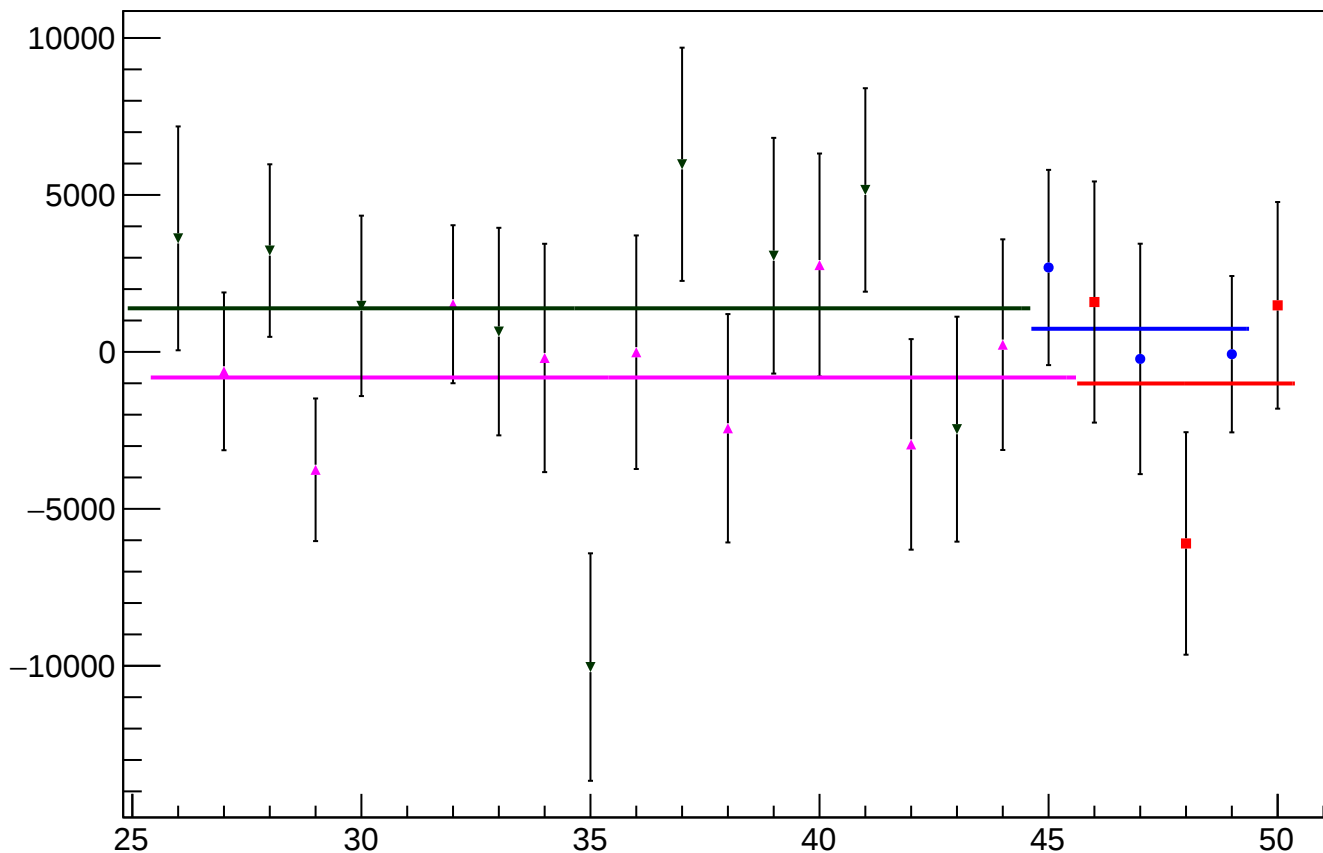
Right Out: 1012.032+/-0.741 χ^2/NDF : 476274.0/2

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

1148.179+/-0.341 χ^2/NDF : 859076.8/11

1125.835+/-0.329 χ^2/NDF : 1400097.1/11

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

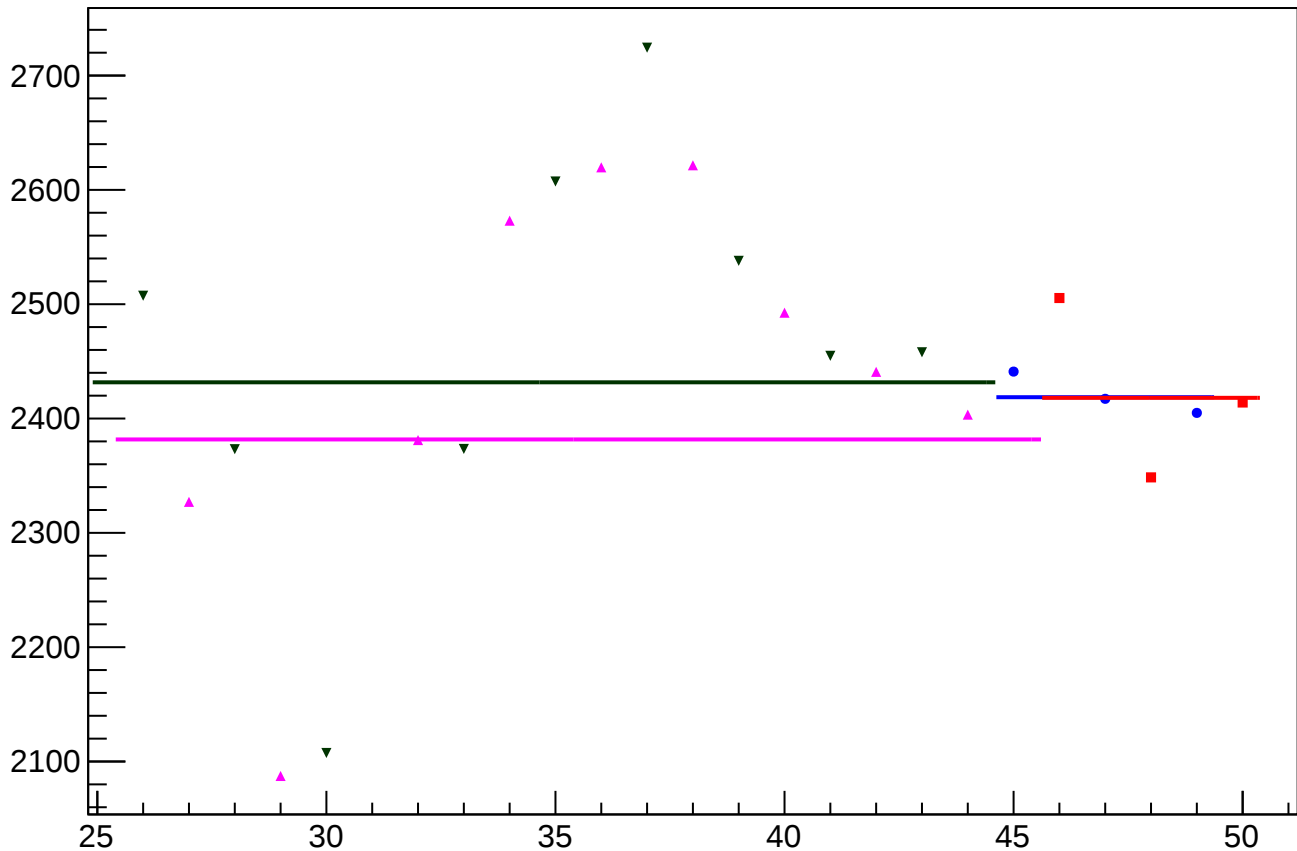
Right Out: -1006.316+/-2042.589 χ^2/NDF : 3.1/2

Left In: -815.233+/-1004.854 χ^2/NDF : 4.3/8

1197.484+/-930.411 χ^2/NDF : 15.7/11

-852.467+/-901.653 χ^2/NDF : 7.4/11

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

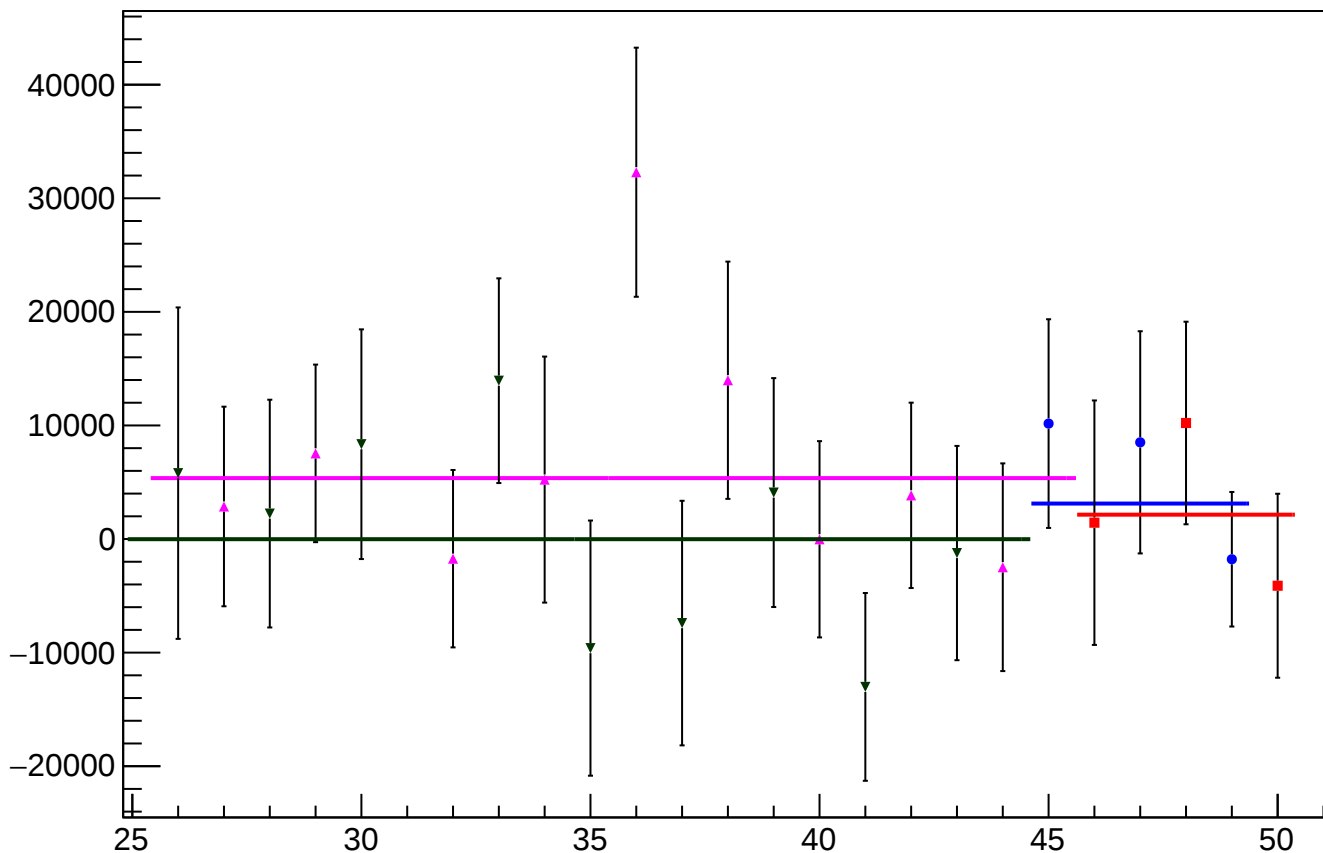
Right Out: 2418.108+/-1.444 χ^2/NDF : 1807.0/2

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

2427.862+/-0.658 χ^2/NDF : 47065.4/11

2388.802+/-0.638 χ^2/NDF : 61907.2/11

asym_sam2_correction_mean vs slug



Right In: 3123.439+/-4436.441 χ^2/NDF : 1.6/2

Left Out: -13.656+/-3351.634 χ^2/NDF : 7.1/8

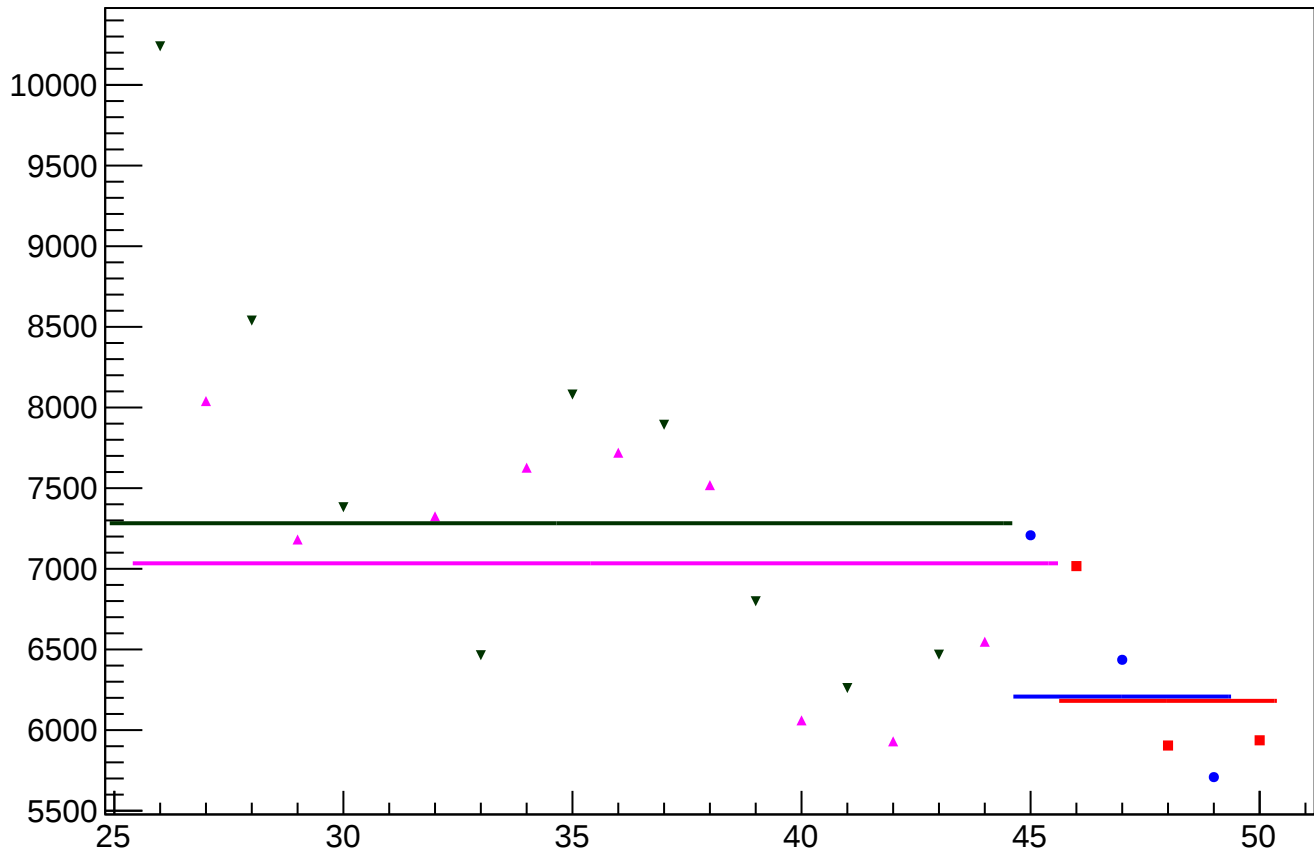
Right Out: 2144.531+/-5237.118 χ^2/NDF : 1.4/2

Left In: 5363.340+/-2986.715 χ^2/NDF : 8.9/8

1126.240+/-2674.259 χ^2/NDF : 9.0/11

4573.382+/-2594.458 χ^2/NDF : 10.6/11

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

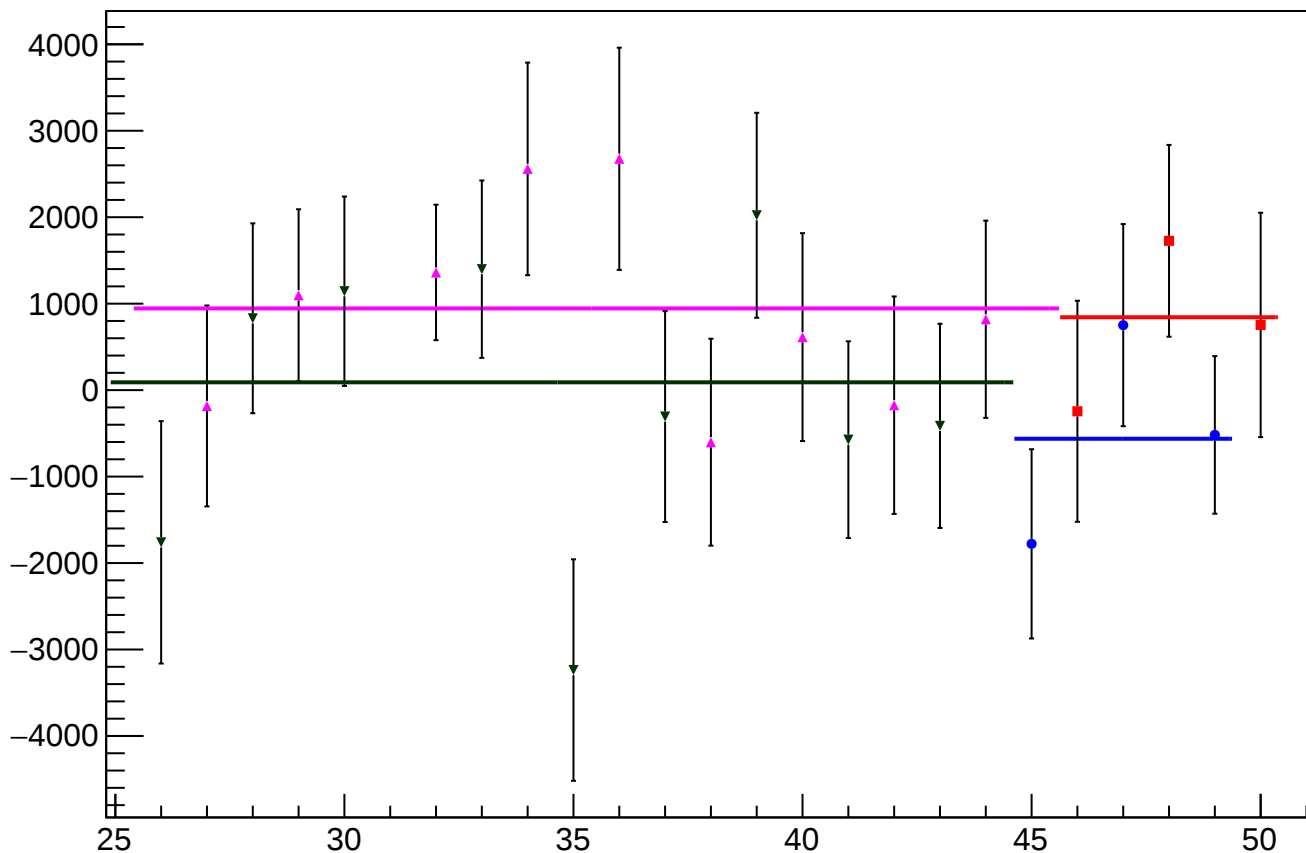
Right Out: 6181.356 ± 3.703 χ^2/NDF : 15808.5/2

Left In: 7034.023 ± 2.112 χ^2/NDF : 115477.2/8

6891.992 ± 1.891 χ^2/NDF : 310577.4/11

6824.762 ± 1.835 χ^2/NDF : 171290.3/11

reg_asym_sam3_mean vs slug



Right In: -562.424+/-600.757 χ^2/NDF : 2.5/2

Left Out: 90.339+/-389.088 χ^2/NDF :14.8/8

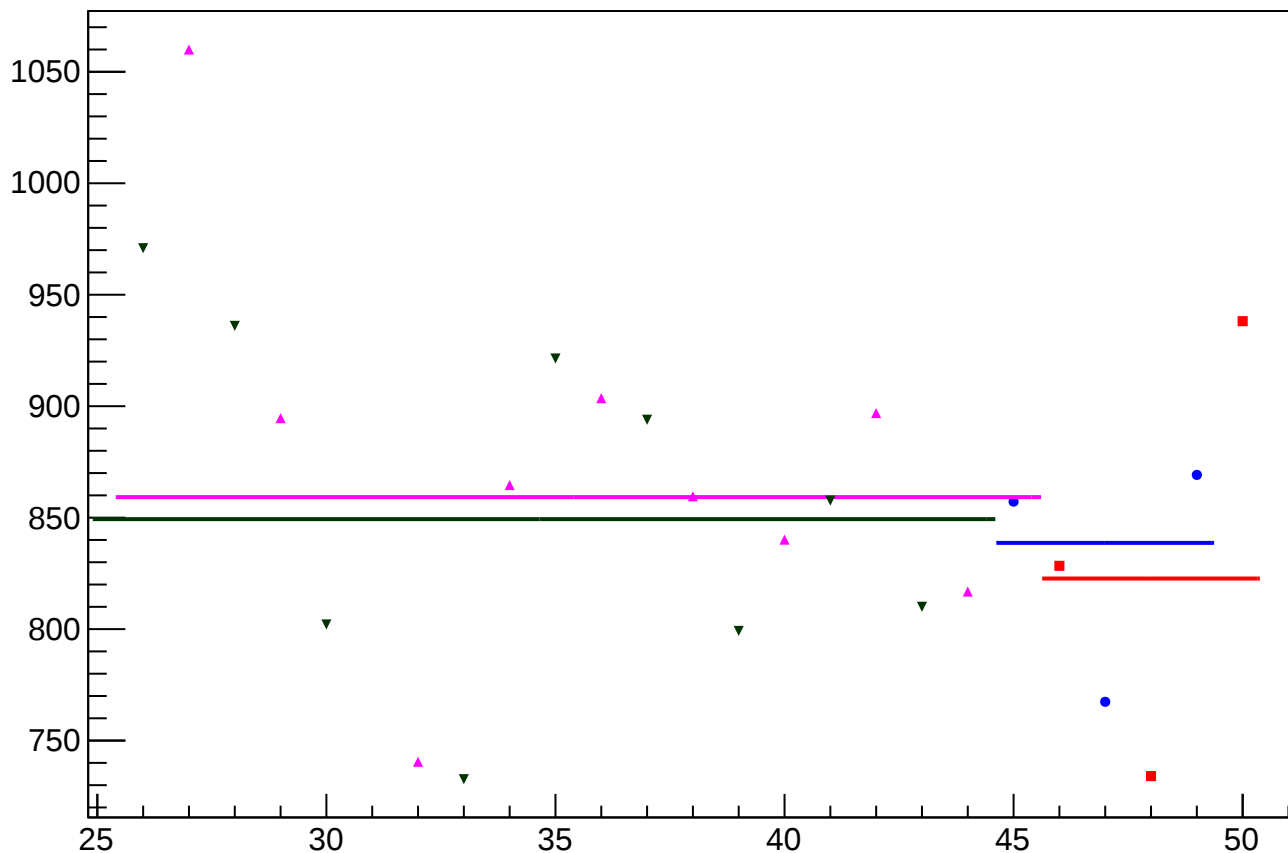
Right Out: 843.080+/-703.871 χ^2/NDF : 1.4/2

Left In: 944.816+/-366.628 χ^2/NDF :7.3/8

-102.559+/-326.577 χ^2/NDF : 18.1/11

923.104+/-325.162 χ^2/NDF : 8.7/11

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

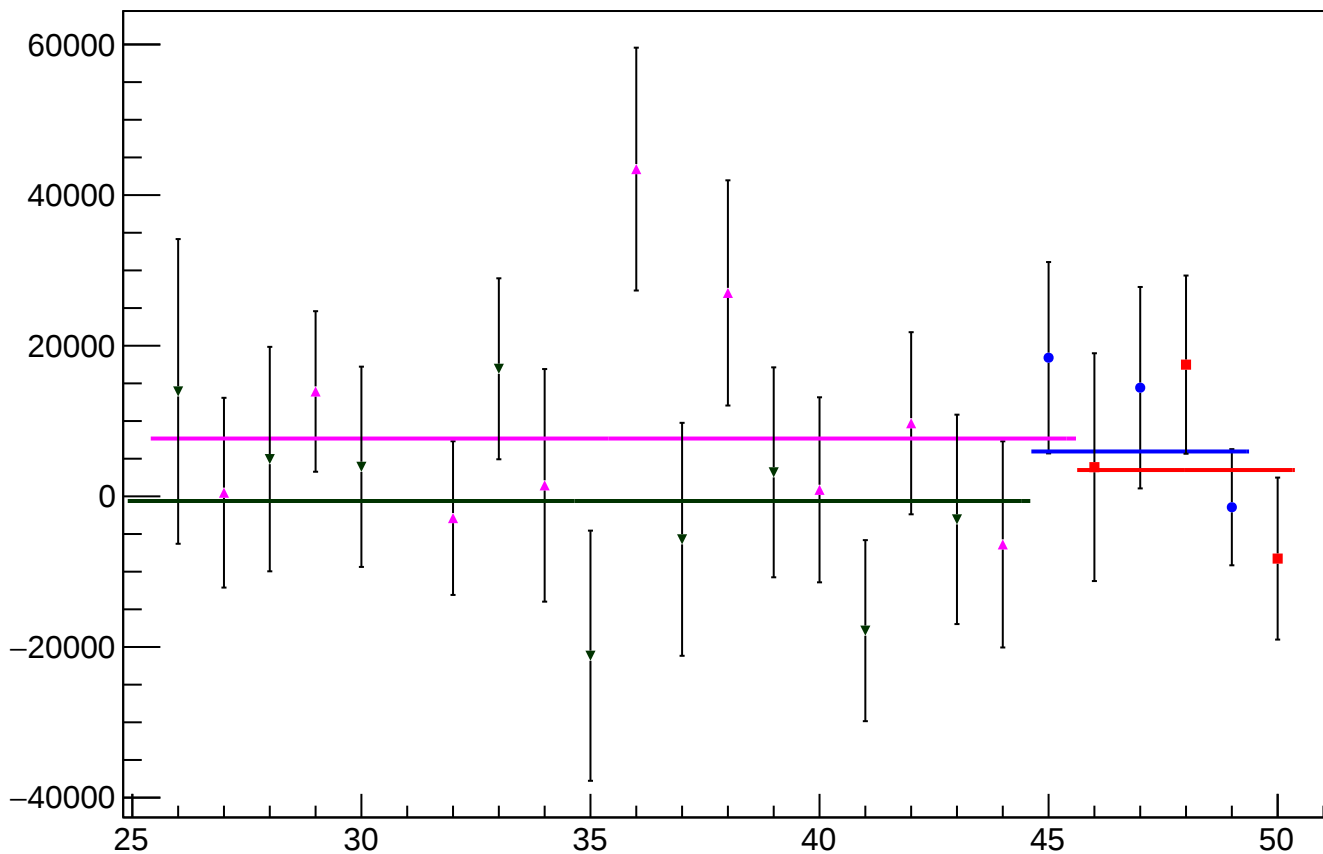
Right Out: 822.693+/-0.498 χ^2/NDF : 28635.5/2

Left In: 859.215+/-0.259 χ^2/NDF : 115716.9/8

846.188+/-0.231 χ^2/NDF : 82681.0/11

851.421+/-0.230 χ^2/NDF : 148587.9/11

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

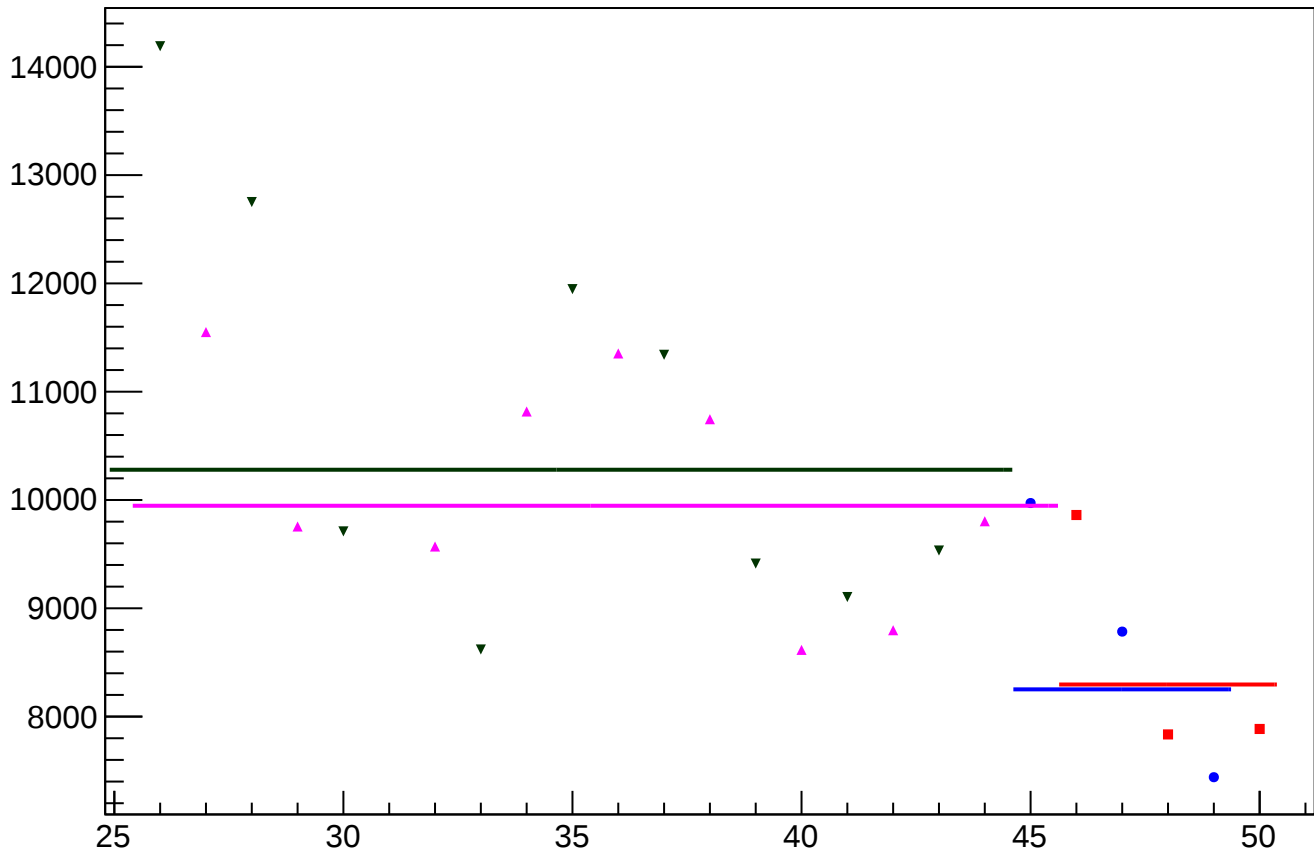
Right Out: 3495.116+/-7042.452 χ^2/NDF : 2.6/2

Left In: 7678.057+/-4224.700 χ^2/NDF : 9.9/8

1953.596+/-3696.376 χ^2/NDF : 9.7/11

6571.105+/-3622.825 χ^2/NDF : 12.7/11

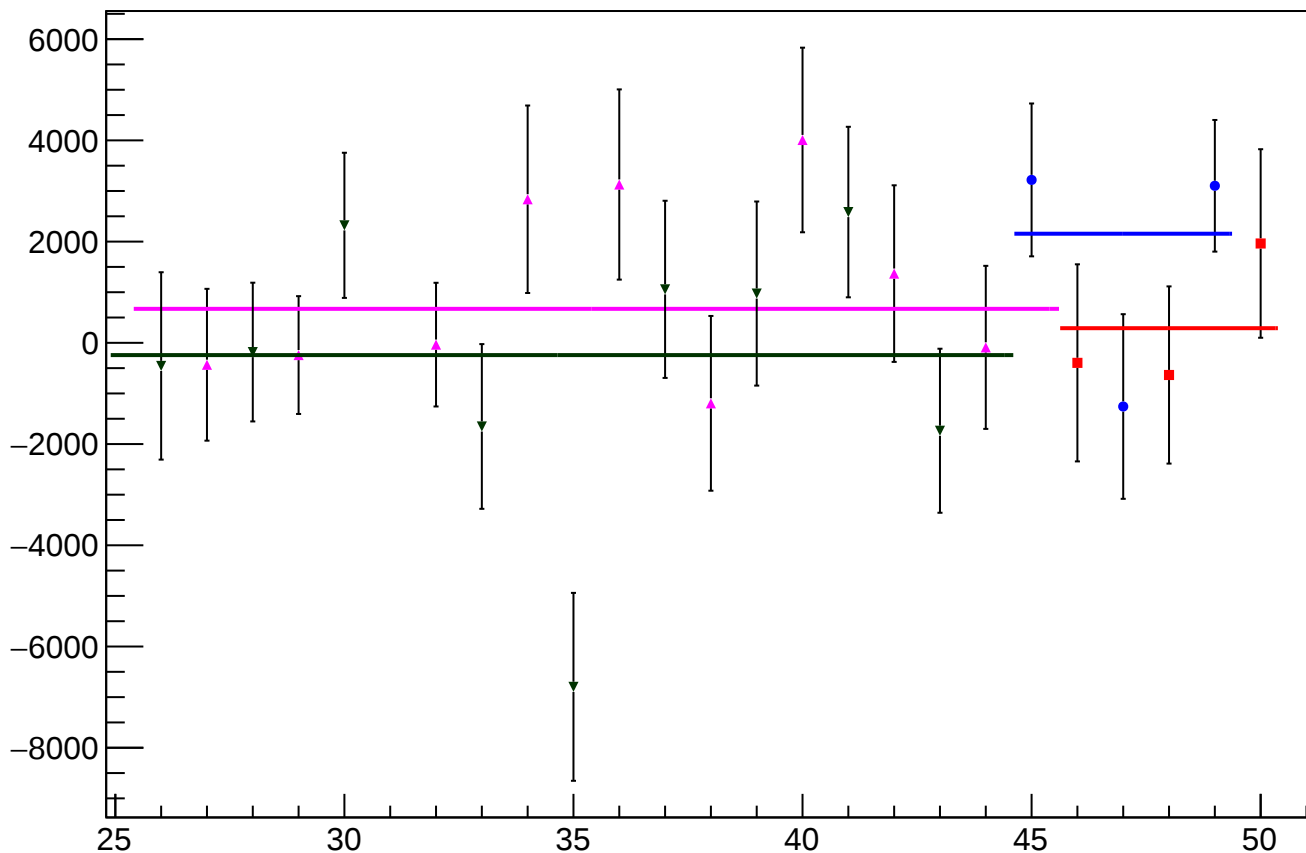
asym_sam3_correction_rms vs slug



Right In: 8251.399 ± 4.181 $\chi^2/\text{NDF}: 61999.9/2$
 Left Out: 10279.392 ± 3.349 $\chi^2/\text{NDF}: 233836.0/8$
 Right Out: 8296.255 ± 4.980 $\chi^2/\text{NDF}: 27373.2/2$
 Left In: 9946.833 ± 2.987 $\chi^2/\text{NDF}: 104837.7/8$

9486.765 ± 2.614 $\chi^2/\text{NDF}: 439167.7/11$
 9510.032 ± 2.562 $\chi^2/\text{NDF}: 213000.7/11$

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

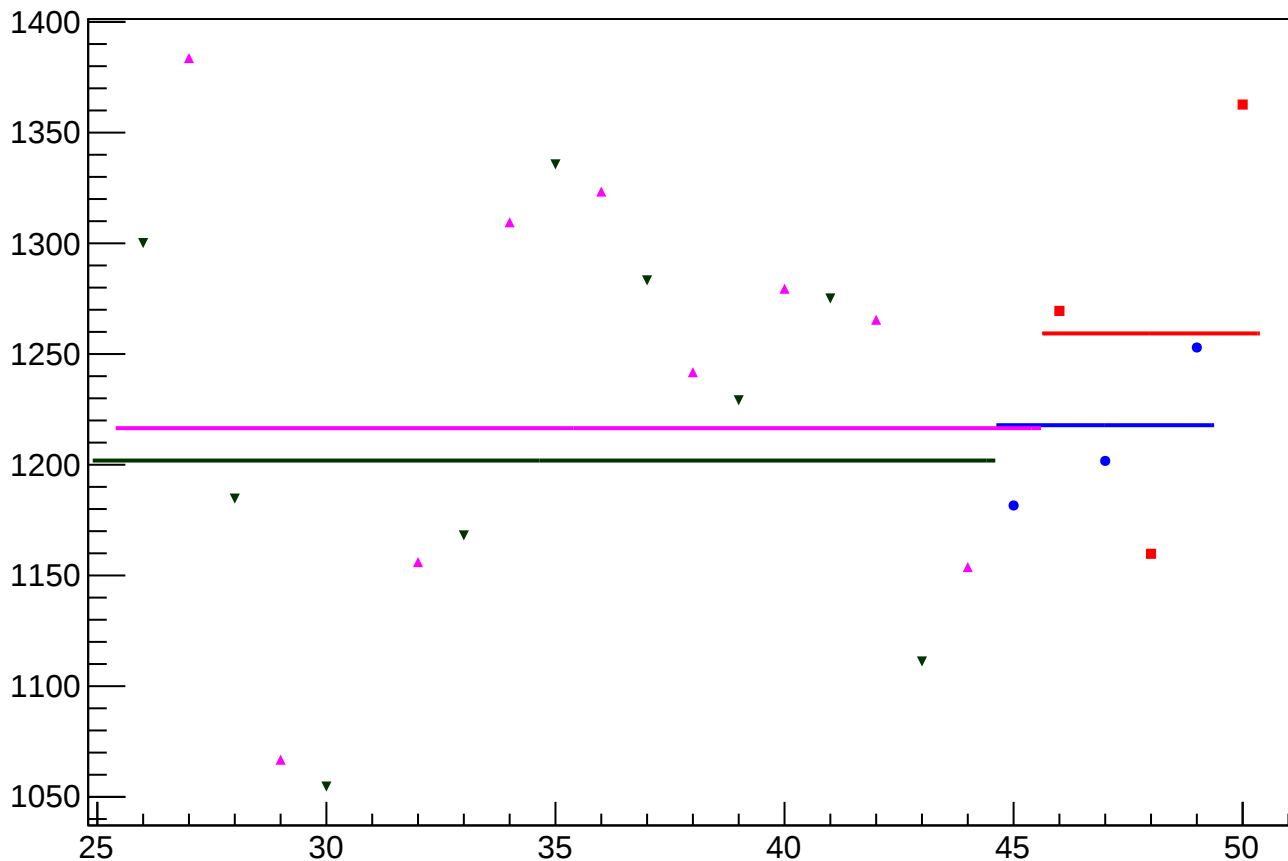
Right Out: 289.271 $\pm$ 1066.977 χ^2/NDF : 1.2/2

Left In: 671.583 $\pm$ 514.509 χ^2/NDF : 9.5/8

440.840 $\pm$ 462.697 χ^2/NDF : 31.1/11

599.456 $\pm$ 463.441 χ^2/NDF : 10.8/11

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

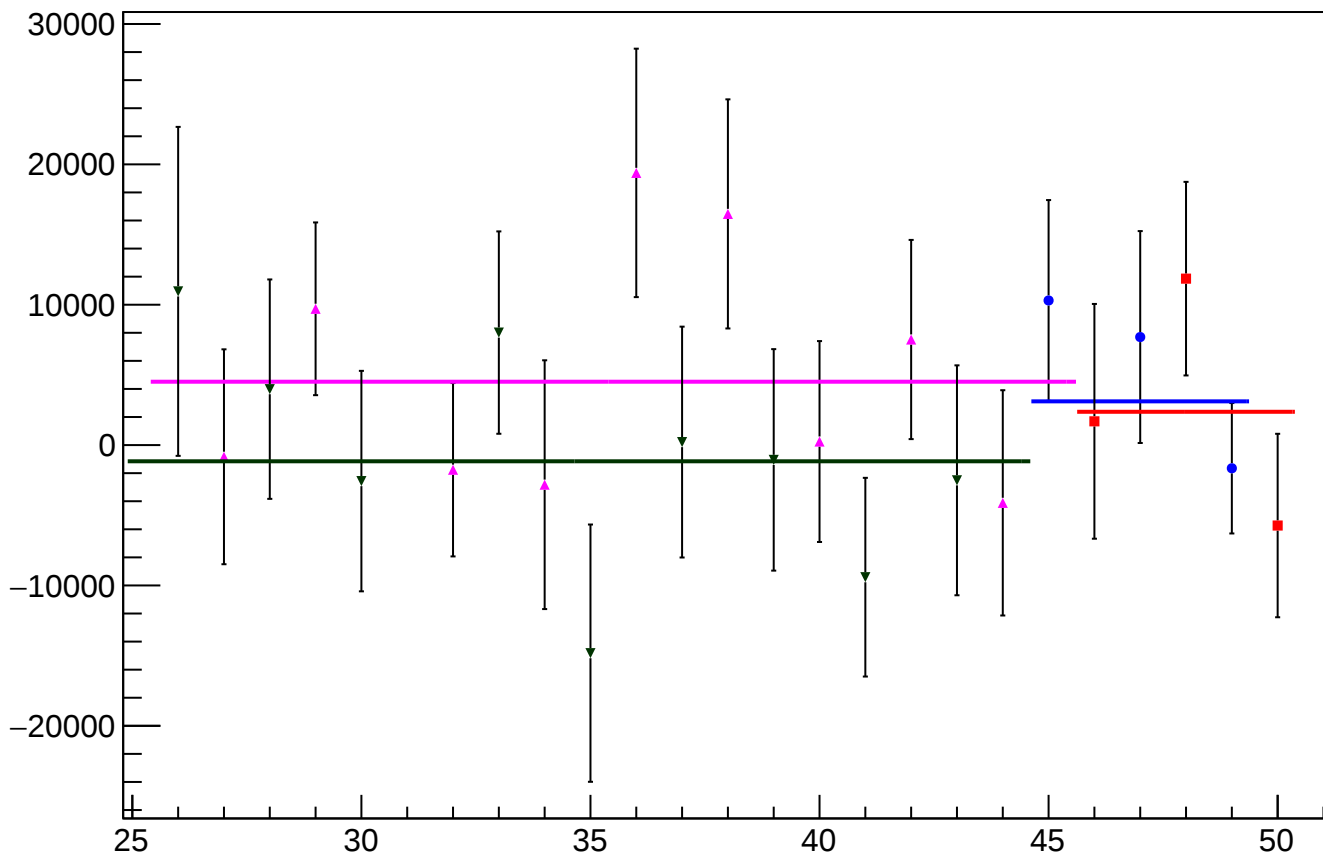
Right Out: 1259.305 ± 0.754 χ^2/NDF : 12679.1/2

Left In: 1216.519 ± 0.364 χ^2/NDF : 81775.0/8

1206.445 ± 0.327 χ^2/NDF : 56351.3/11

1224.591 ± 0.328 χ^2/NDF : 97063.4/11

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

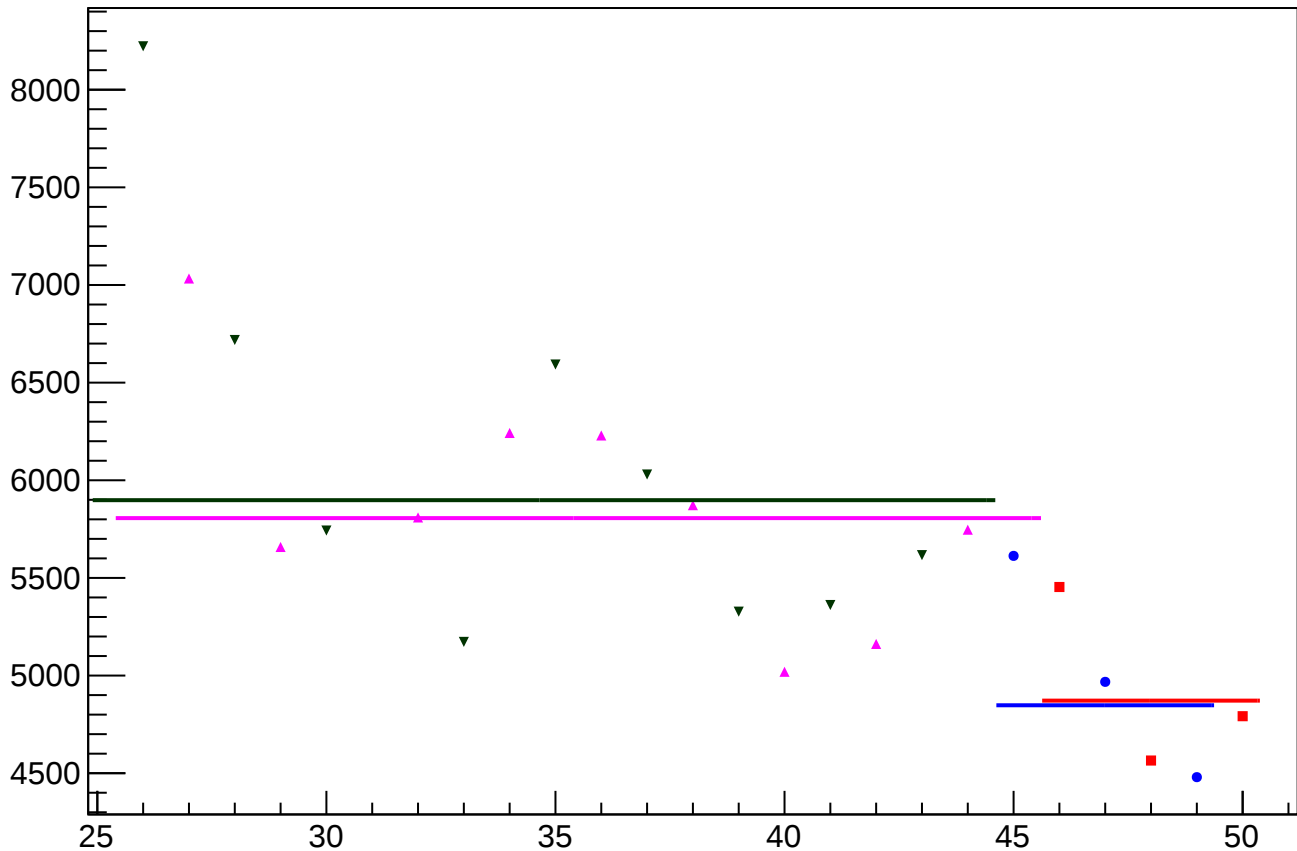
Right Out: 2372.626 $\pm$ 4125.869 χ^2 /NDF: 3.4/2

Left In: 4514.840 $\pm$ 2460.865 χ^2 /NDF: 9.6/8

463.671 $\pm$ 2131.229 χ^2 /NDF: 10.2/11

3952.721 $\pm$ 2113.479 χ^2 /NDF: 13.2/11

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

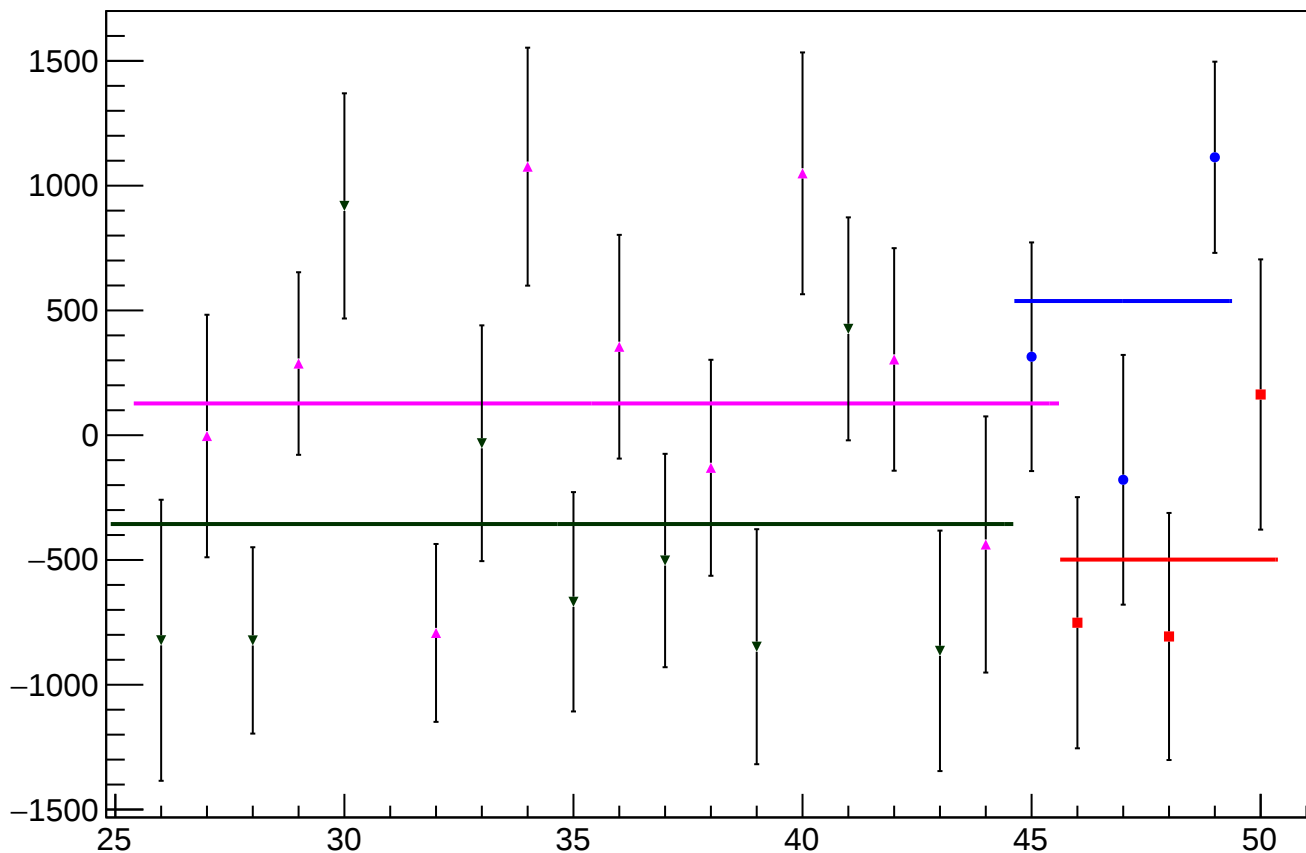
Right Out: 4871.677 ± 2.917 χ^2/NDF : 13935.8/2

Left In: 5806.244 ± 1.740 χ^2/NDF : 102859.9/8

5500.127 ± 1.507 χ^2/NDF : 308340.3/11

5561.013 ± 1.494 χ^2/NDF : 192486.1/11

reg_asym_sam5_mean vs slug



Right In: 537.726 $\pm$ 253.428 χ^2 /NDF: 4.5/2

Left Out: -356.000 $\pm$ 150.426 χ^2 /NDF:16.6/8

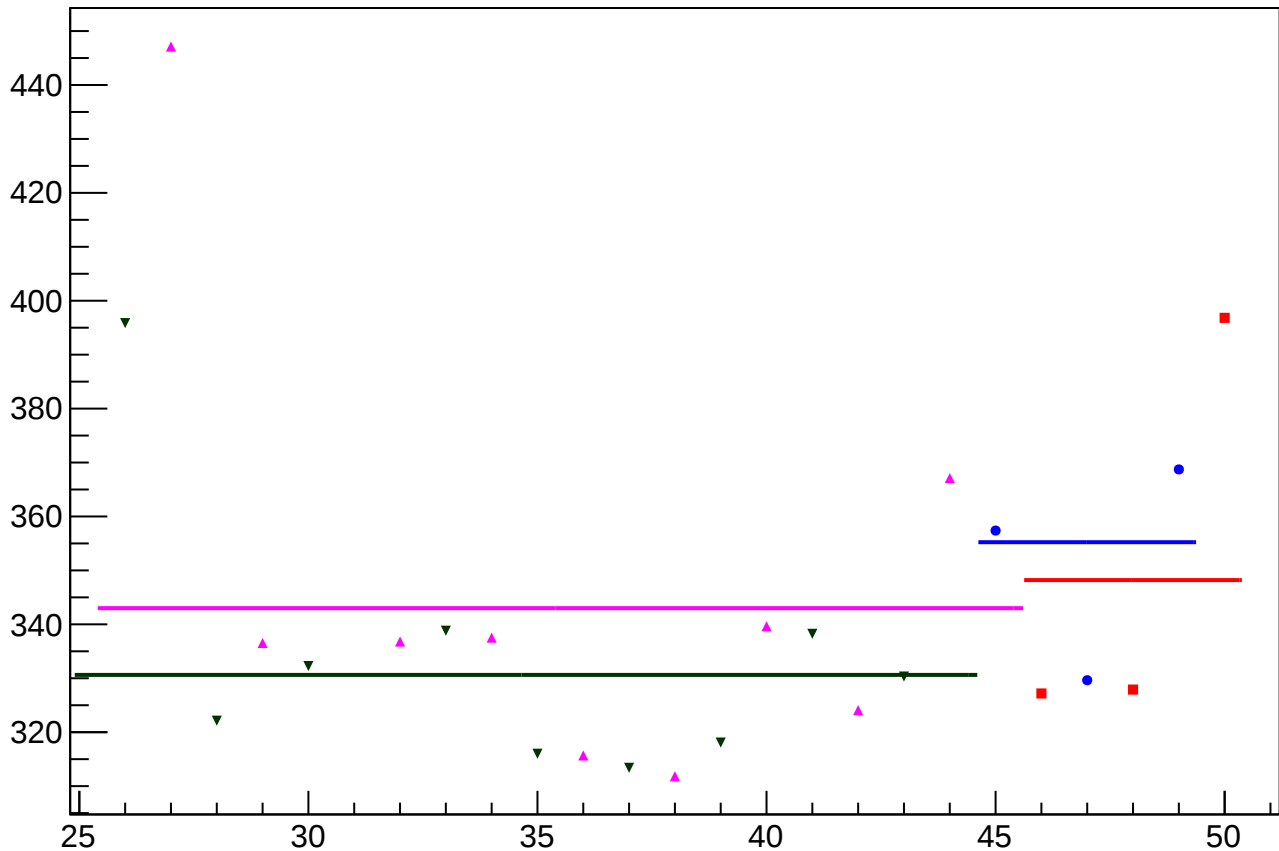
Right Out: -498.454 $\pm$ 295.669 χ^2 /NDF: 2.1/2

Left In: 127.293 $\pm$ 145.286 χ^2 /NDF:16.5/8

-123.158 $\pm$ 129.355 χ^2 /NDF: 30.3/11

5.590 $\pm$ 130.394 χ^2 /NDF: 22.2/11

reg_asym_sam5_rms vs slug



Right In: 355.229 $\pm$ 0.179 χ^2 /NDF: 7754.1/2

Left Out: 330.623 $\pm$ 0.106 χ^2 /NDF: 35956.4/8

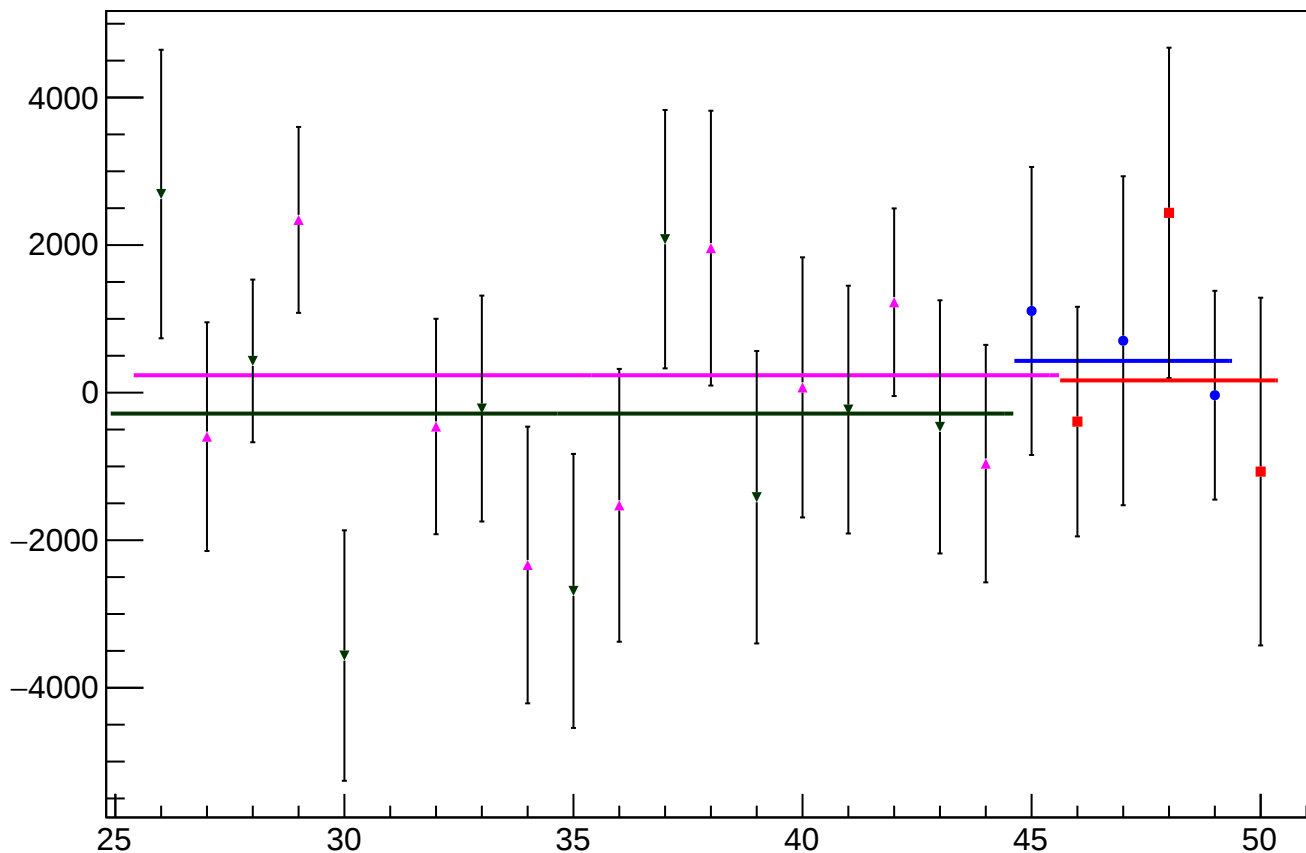
Right Out: 348.203 $\pm$ 0.209 χ^2 /NDF: 22980.9/2

Left In: 342.999 $\pm$ 0.103 χ^2 /NDF: 119222.1/8

337.033 $\pm$ 0.091 χ^2 /NDF: 57652.1/11

344.011 $\pm$ 0.092 χ^2 /NDF: 142702.2/11

asym_sam5_correction_mean vs slug



Right In: 430.627+/-1018.951 χ^2 /NDF: 0.2/2

Left Out: -283.767+/-540.454 χ^2 /NDF:10.3/8

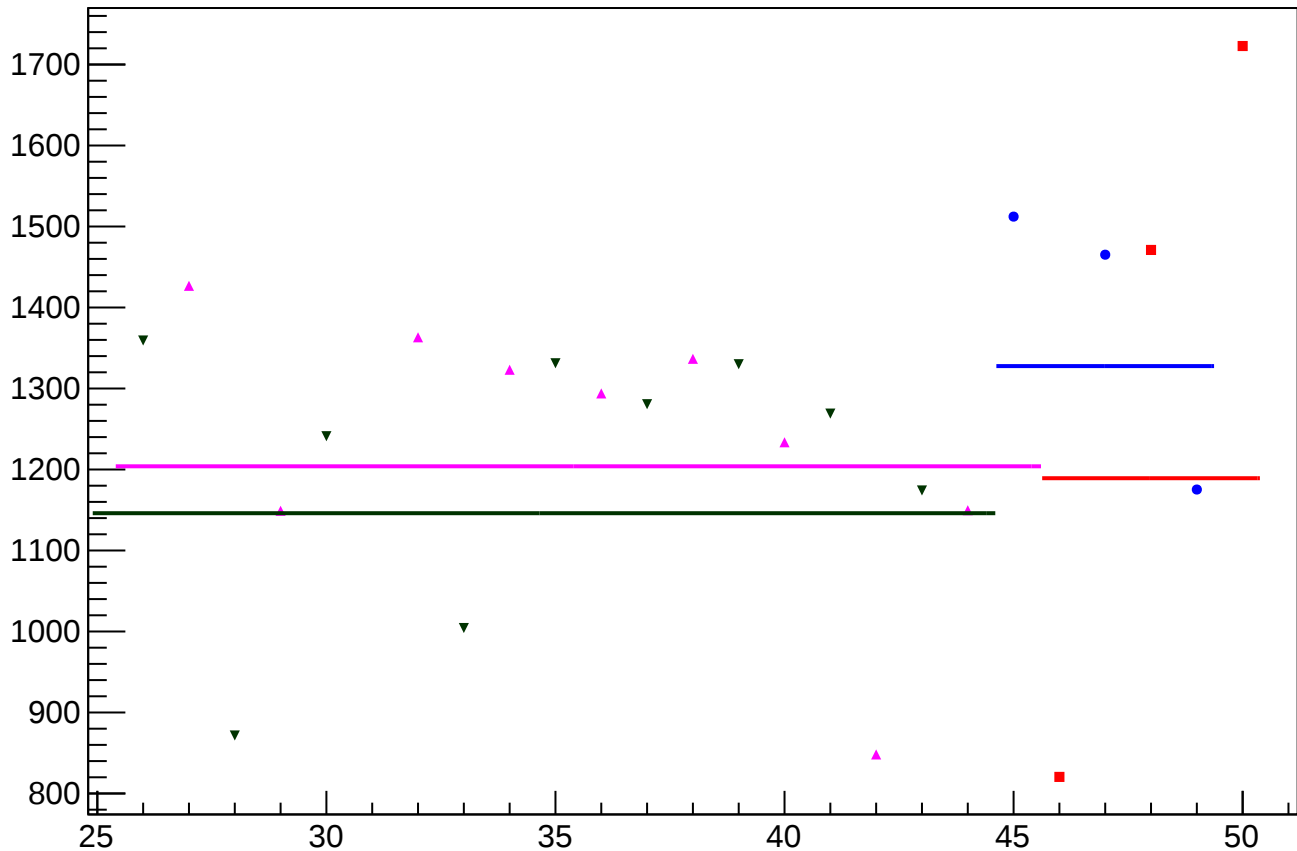
Right Out: 165.762+/-1123.162 χ^2 /NDF: 1.4/2

Left In: 235.887+/-519.362 χ^2 /NDF:8.1/8

-126.915+/-477.451 χ^2 /NDF: 10.9/11

223.534+/-471.403 χ^2 /NDF: 9.6/11

asym_sam5_correction_rms vs slug



Right In: 1327.666 $\pm$ 0.721 χ^2 /NDF: 48691.4/2

Left Out: 1146.036 $\pm$ 0.382 χ^2 /NDF: 231345.1/8

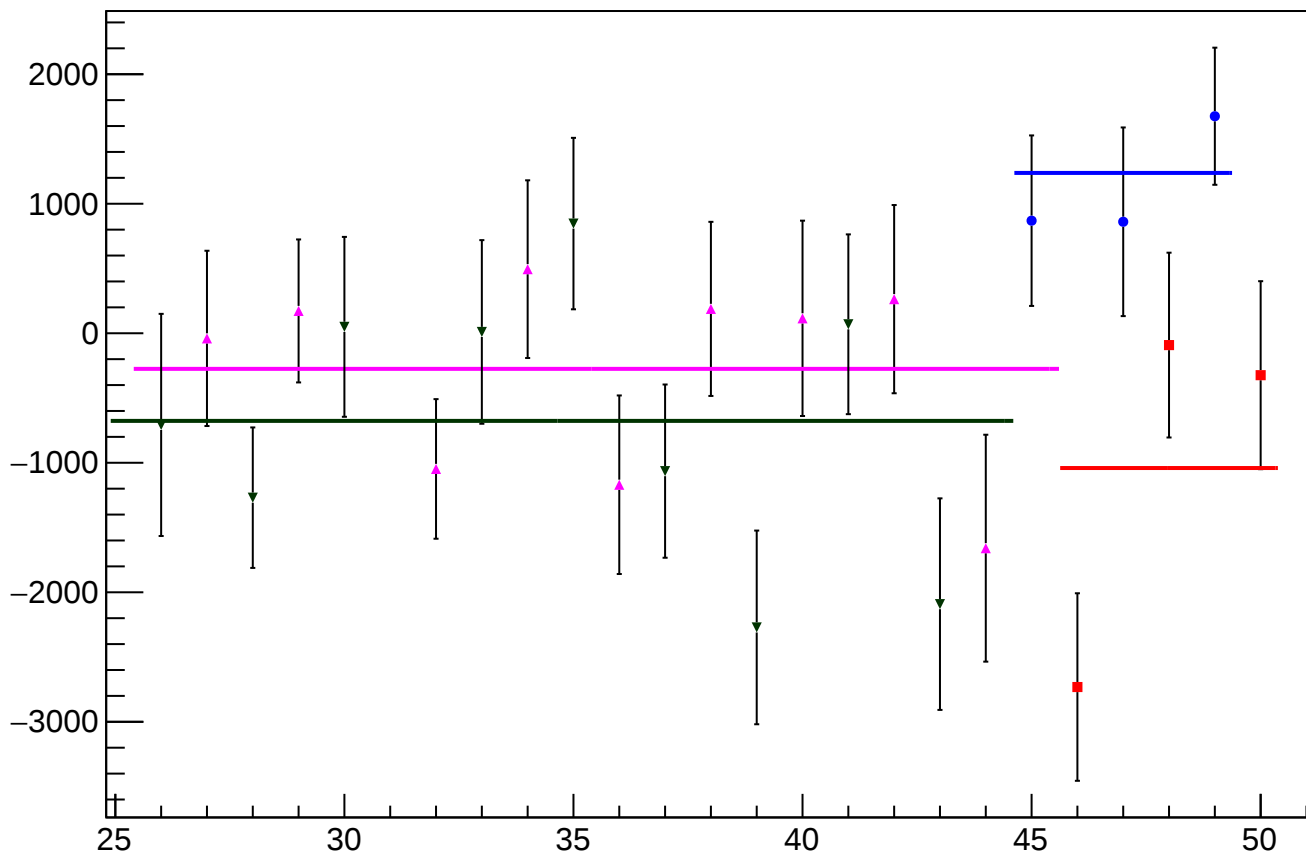
Right Out: 1189.234 $\pm$ 0.794 χ^2 /NDF: 246606.0/2

Left In: 1203.948 $\pm$ 0.367 χ^2 /NDF: 251295.7/8

1185.915 $\pm$ 0.338 χ^2 /NDF: 329631.6/11

1201.356 $\pm$ 0.333 χ^2 /NDF: 498184.5/11

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

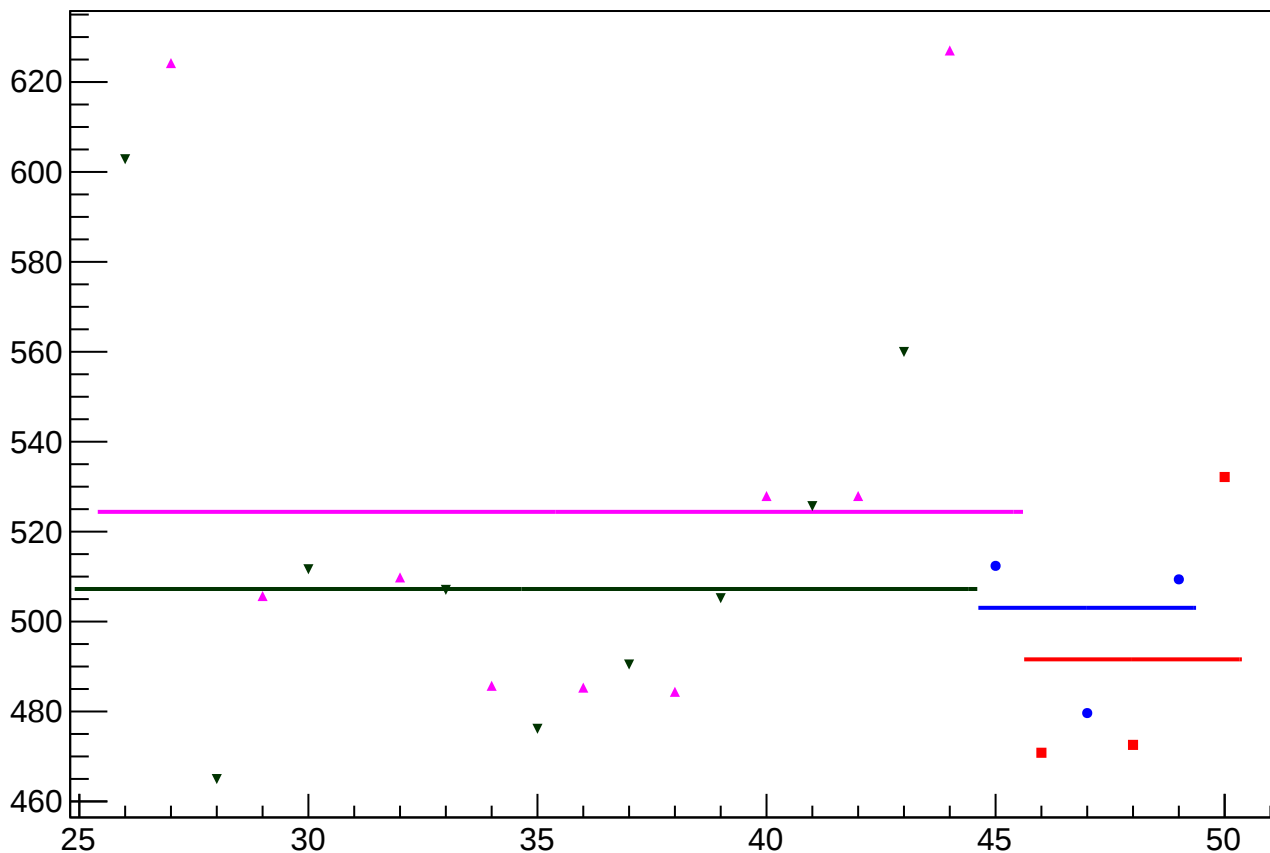
Right Out: -1040.615 $\pm$ 416.266 χ^2/NDF : 8.2/2

Left In: -274.897 $\pm$ 221.916 χ^2/NDF : 9.6/8

-115.128 $\pm$ 194.382 χ^2/NDF : 38.9/11

-444.358 $\pm$ 195.826 χ^2/NDF : 20.4/11

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

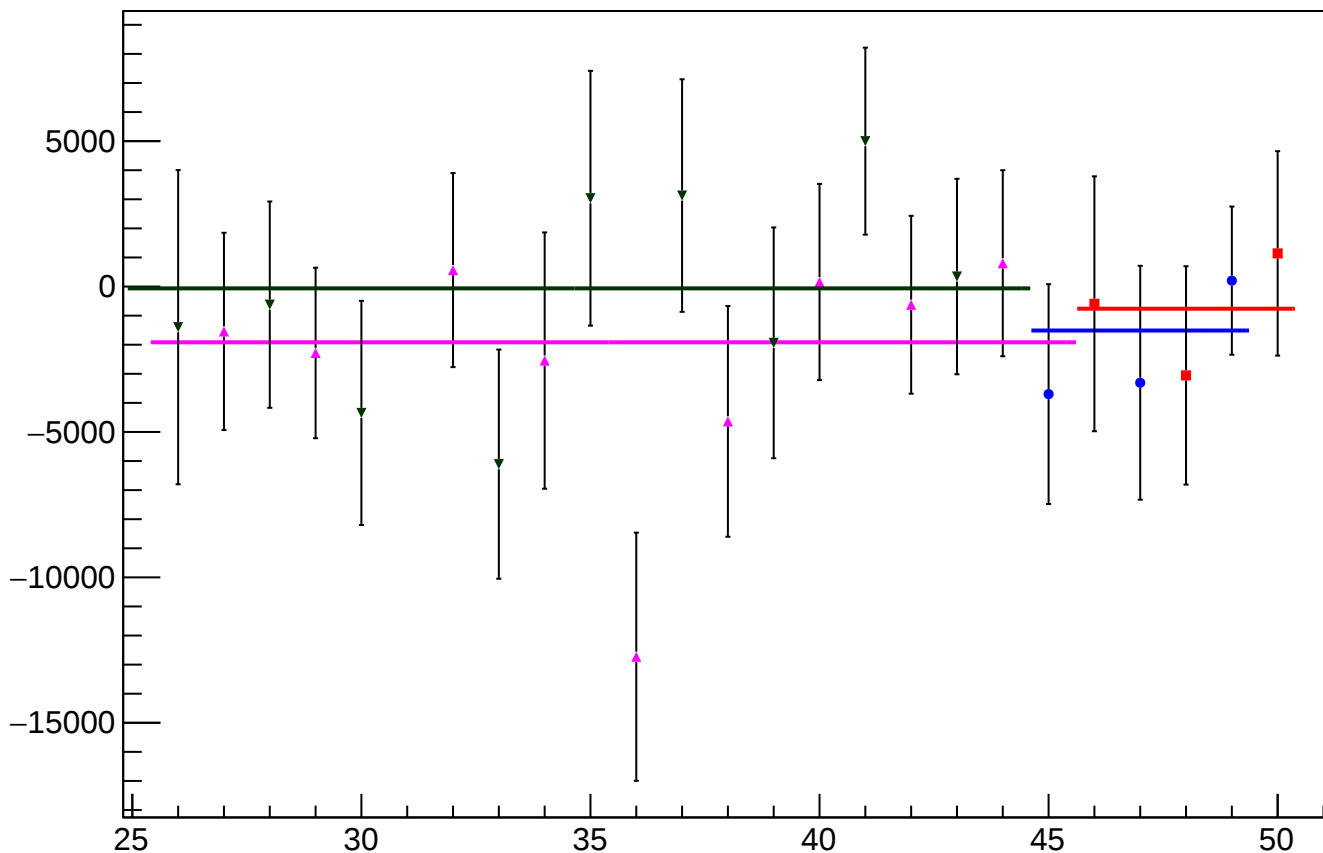
Right Out: 491.594+/-0.294 χ^2/NDF : 9314.2/2

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

506.017+/-0.137 χ^2/NDF : 55453.7/11

517.141+/-0.138 χ^2/NDF : 113697.9/11

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

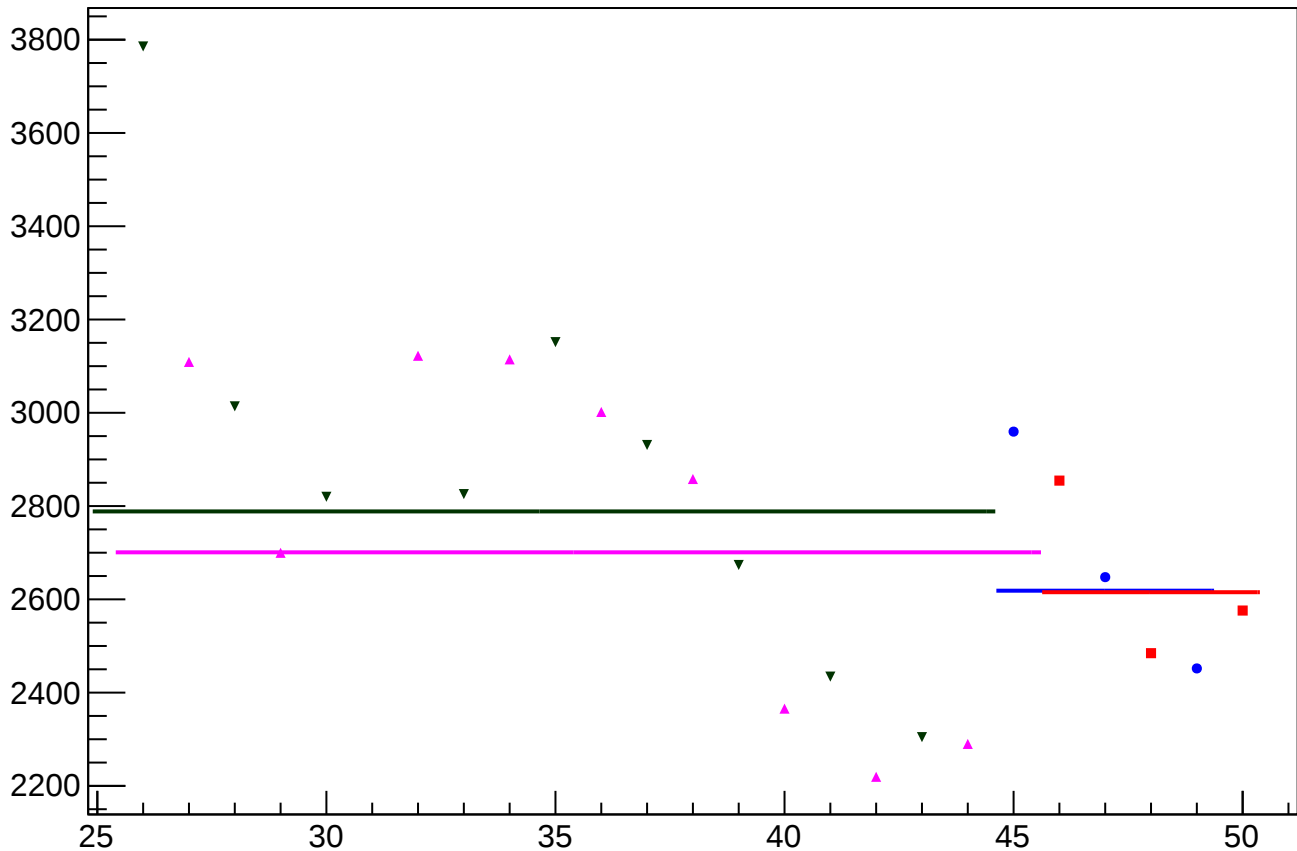
Right Out: -761.682+/-2214.206 χ^2/NDF : 0.7/2

Left In: -1917.139+/-1150.328 χ^2/NDF : 8.8/8

-525.310+/-1057.153 χ^2/NDF : 8.9/11

-1671.560+/-1020.790 χ^2/NDF : 9.7/11

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

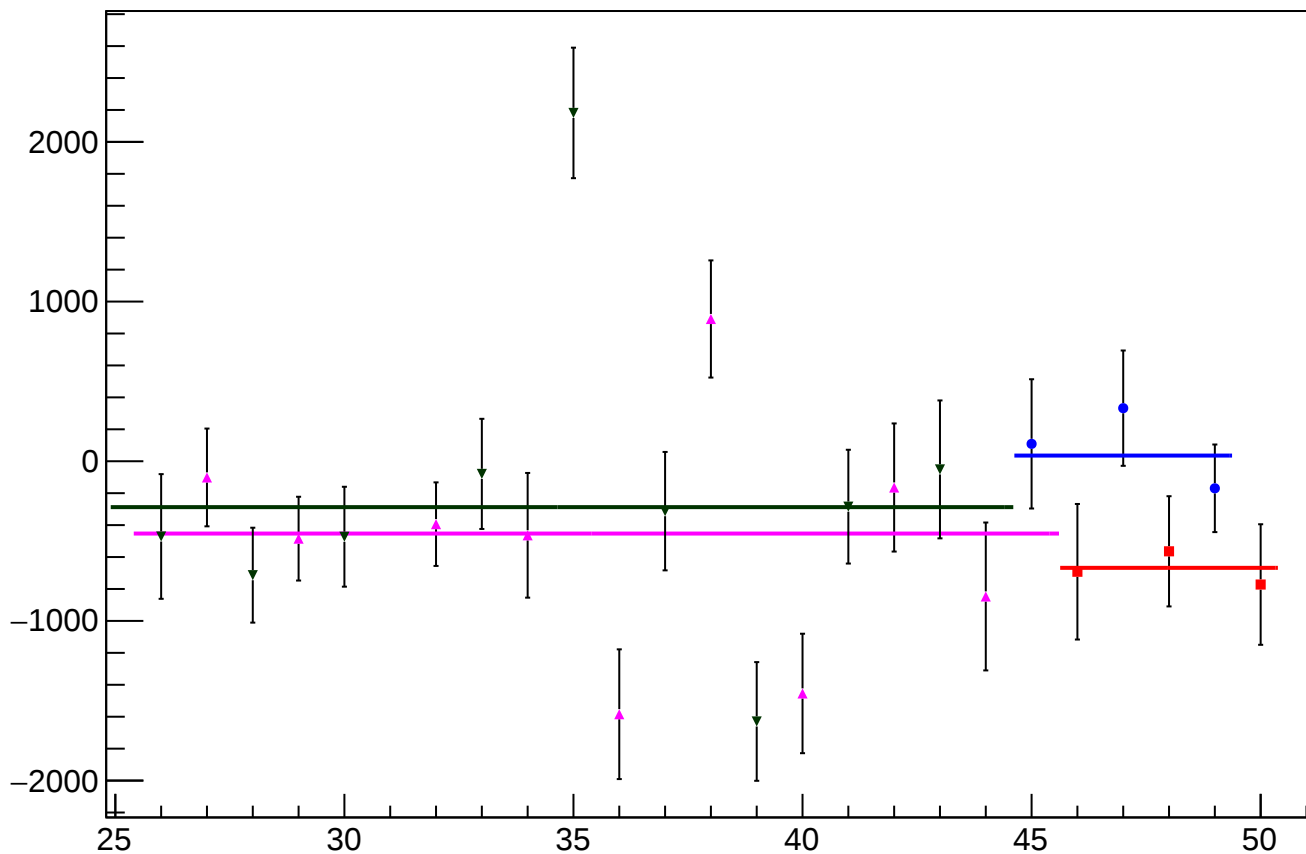
Right Out: 2615.302+/-1.566 χ^2/NDF : 8637.4/2

Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

2734.220+/-0.748 χ^2/NDF : 196382.3/11

2682.636+/-0.722 χ^2/NDF : 204920.2/11

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

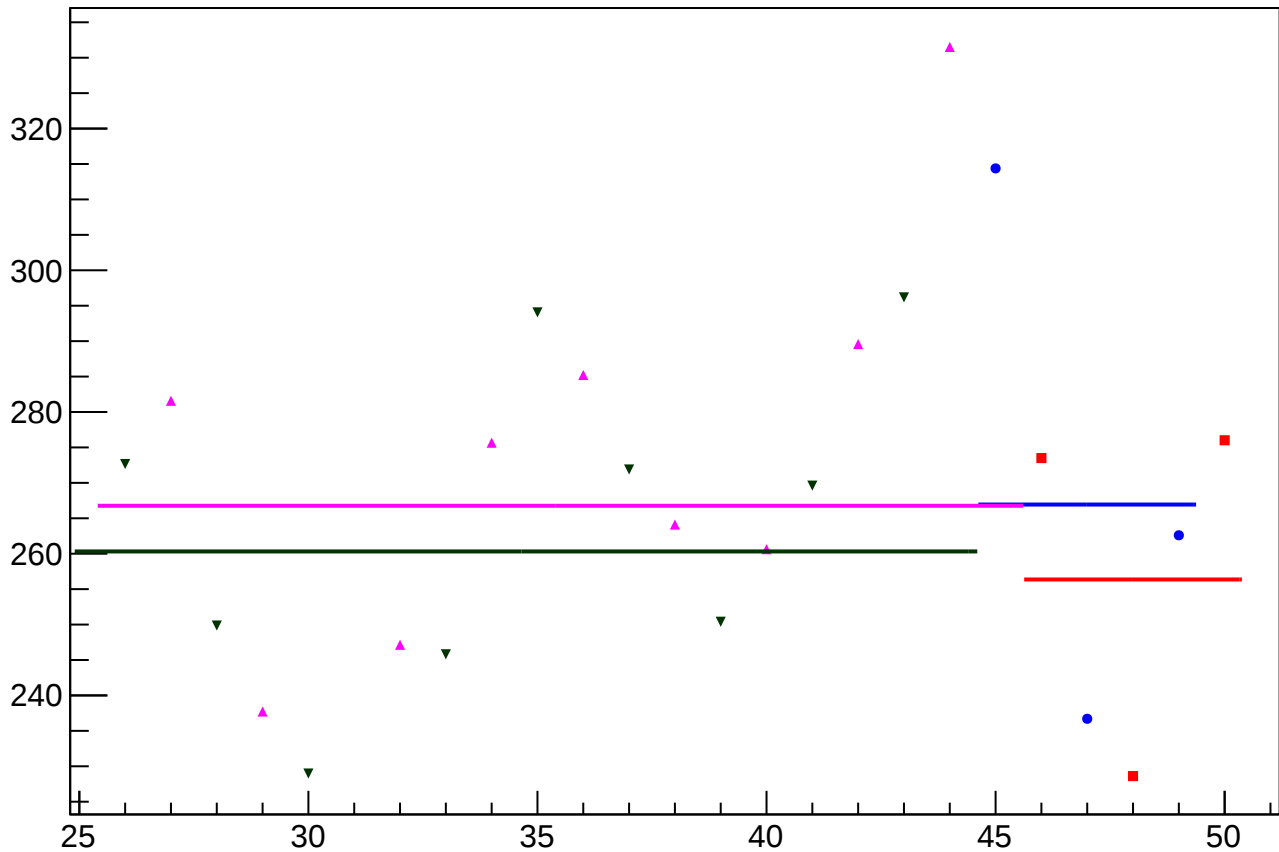
Right Out: -667.633+/-218.422 χ^2/NDF : 0.2/2

Left In: -452.872+/-113.322 χ^2/NDF : 31.0/8

-197.610+/-101.377 χ^2/NDF : 56.1/11

-498.421+/-100.590 χ^2/NDF : 31.9/11

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

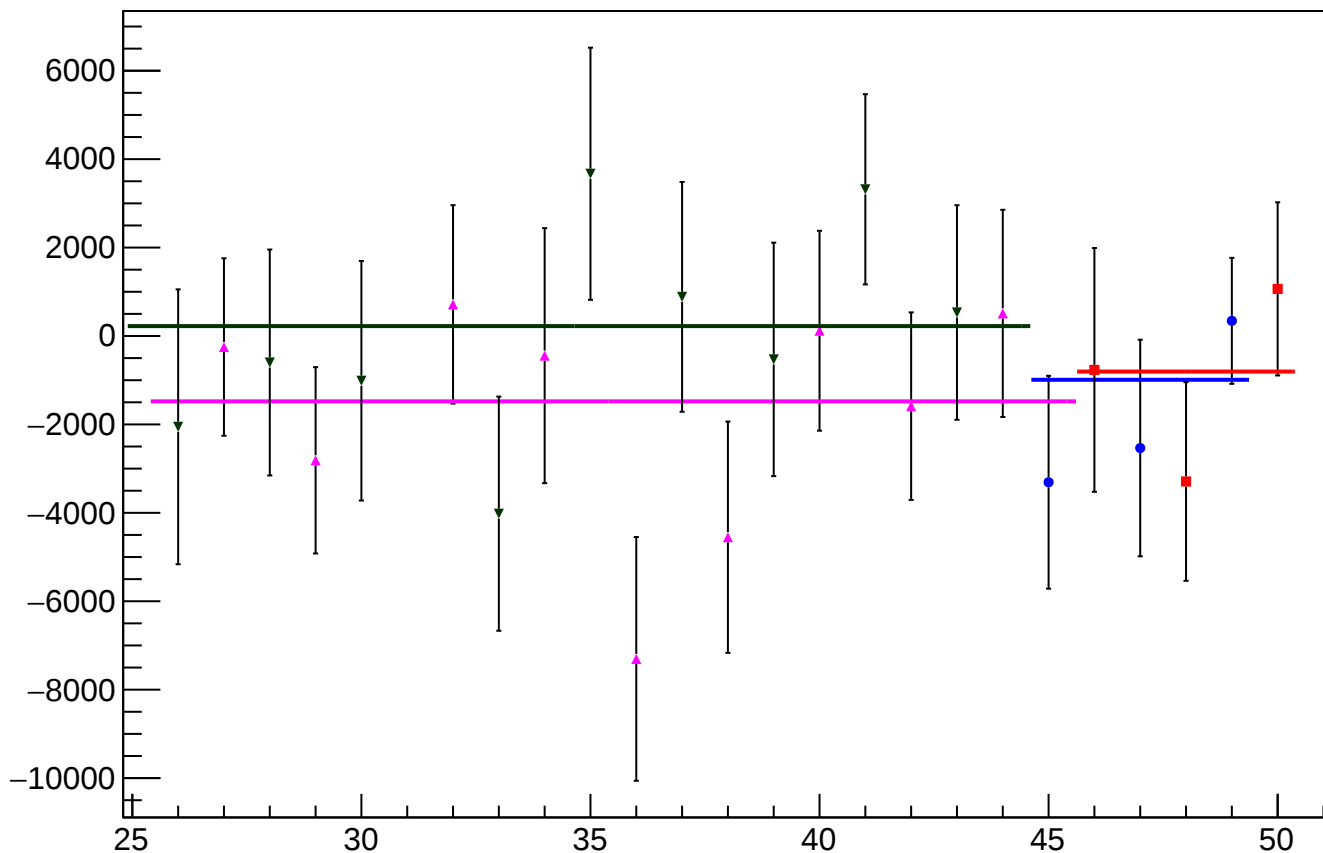
Right Out: 256.364 ± 0.154 χ^2/NDF : 21599.2/2

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

262.161 ± 0.072 χ^2/NDF : 103944.5/11

264.561 ± 0.071 χ^2/NDF : 116977.4/11

asym_sam7_correction_mean vs slug



Right In: -990.465+/-1096.223 χ^2/NDF : 2.2/2

Left Out: 223.347+/-865.231 χ^2/NDF : 7.1/8

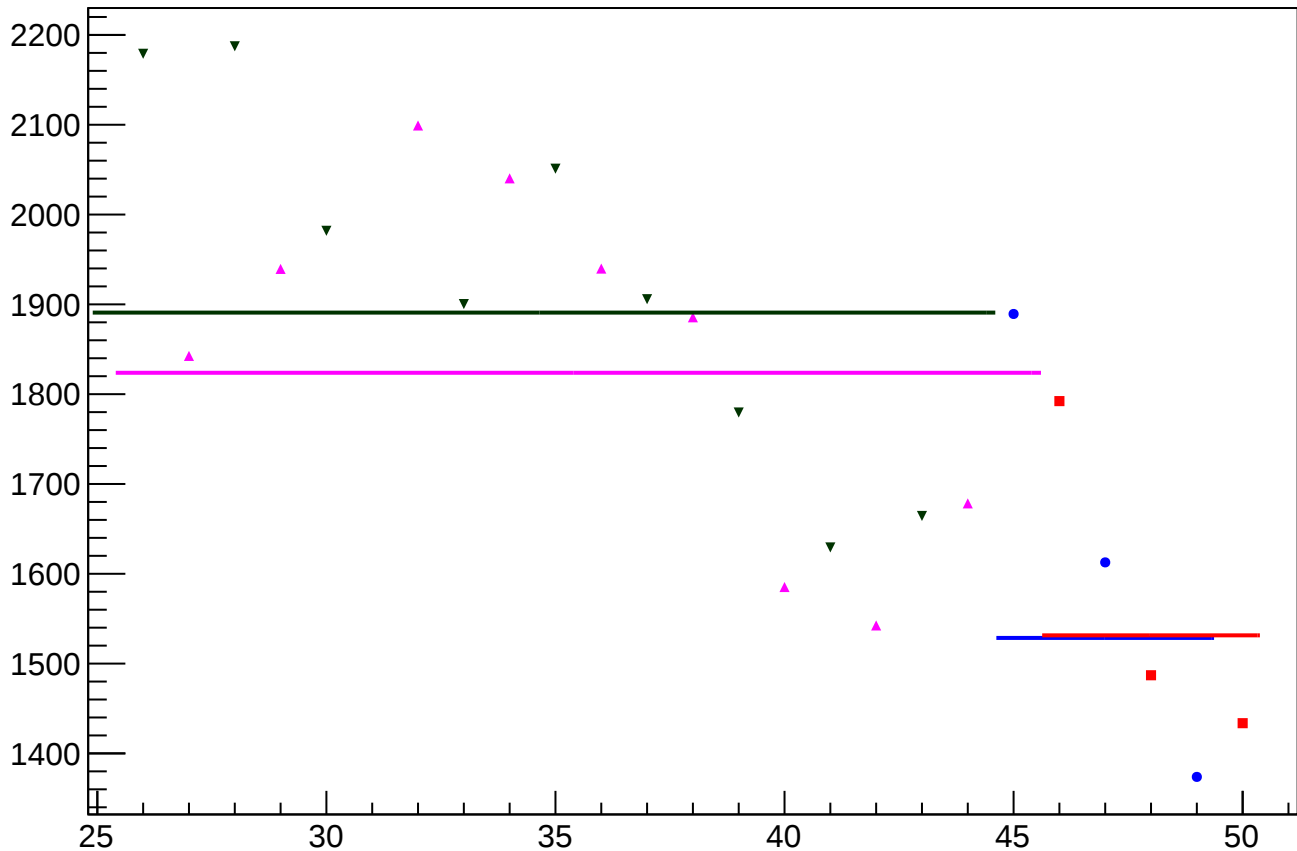
Right Out: -804.482+/-1301.494 χ^2/NDF : 2.1/2

Left In: -1478.705+/-773.885 χ^2/NDF : 8.9/8

-242.569+/-679.168 χ^2/NDF : 10.1/11

-1302.591+/-665.177 χ^2/NDF : 11.3/11

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

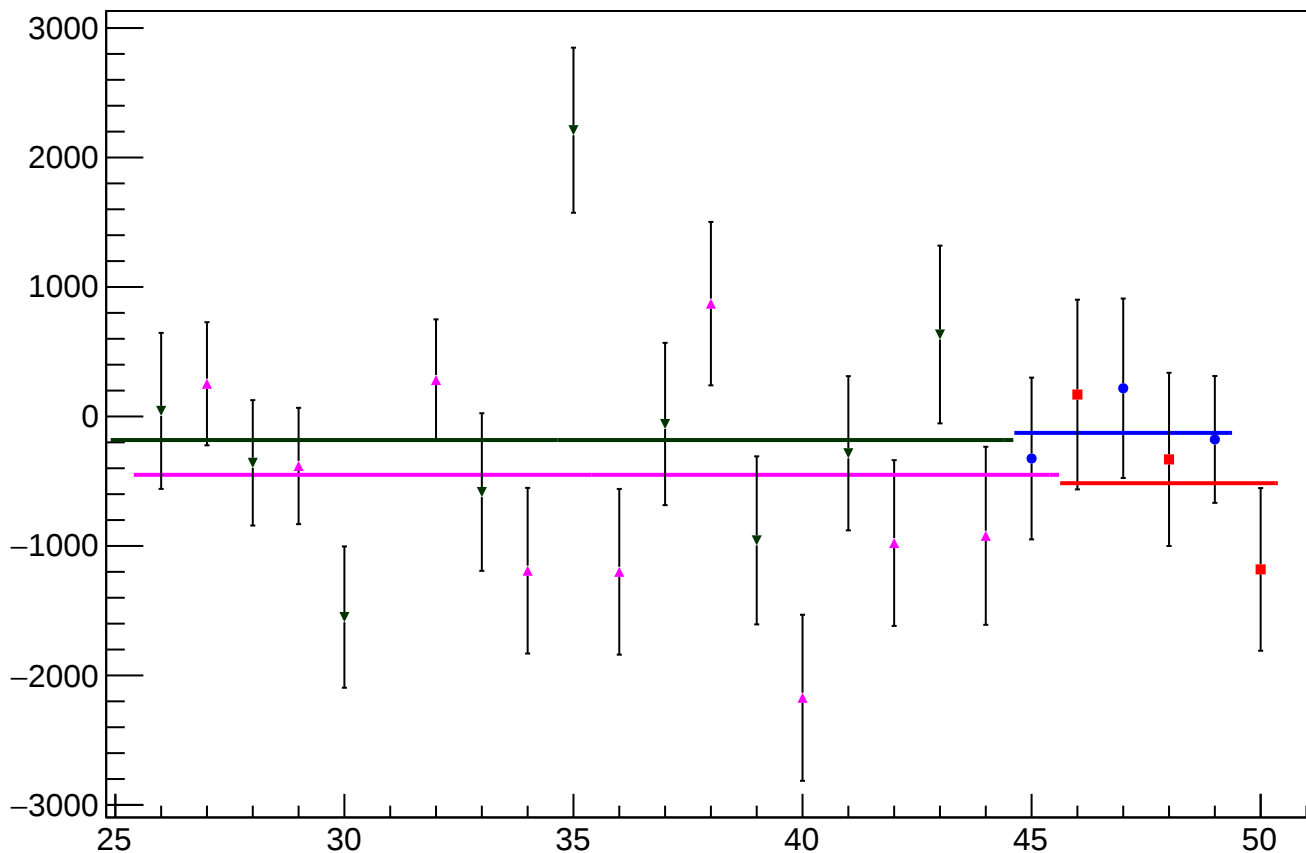
1751.785+/-0.480 χ^2/NDF : 308748.5/11

Right Out: 1531.454+/-0.920 χ^2/NDF : 23666.7/2

1747.451+/-0.470 χ^2/NDF : 215620.6/11

Left In: 1823.820+/-0.547 χ^2/NDF :117391.1/8

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

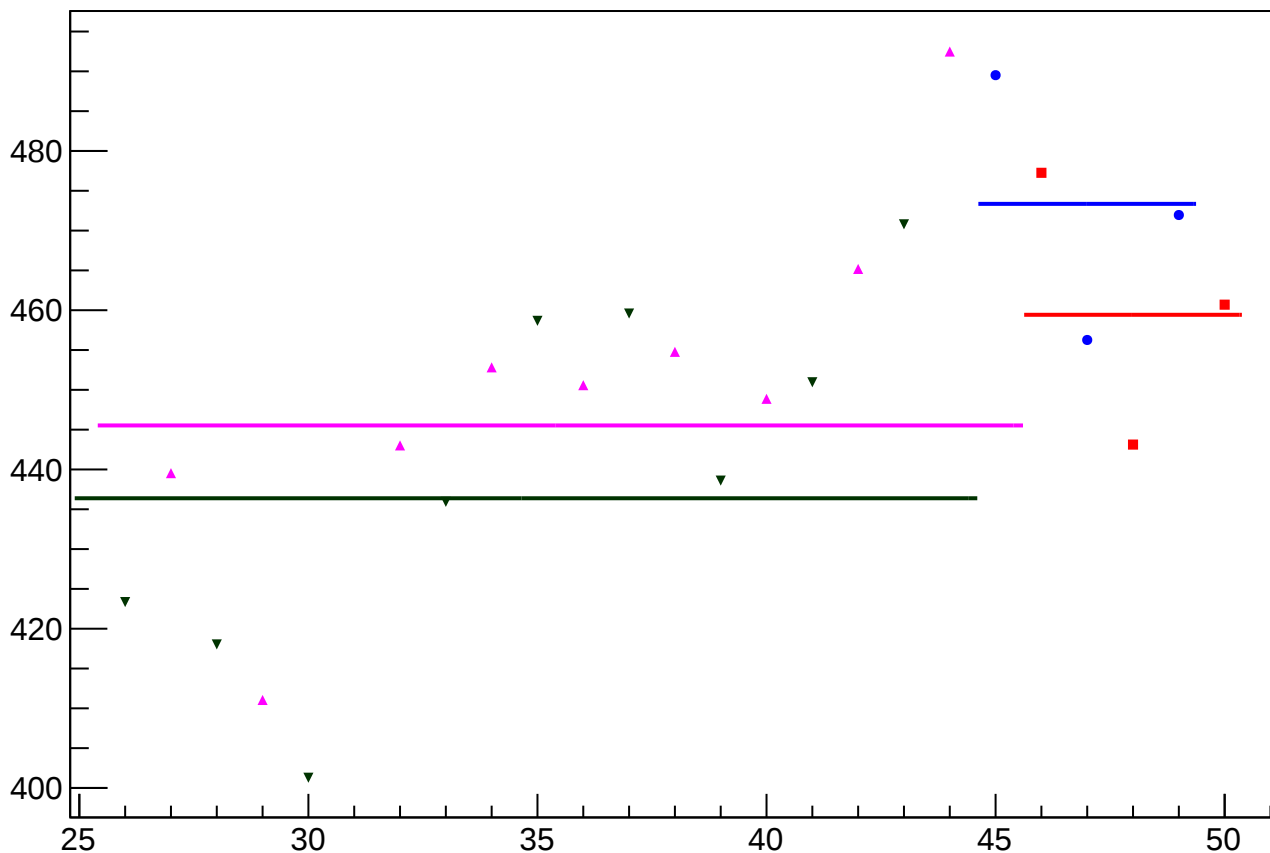
Right Out: -515.296+/-388.283 χ^2/NDF : 2.1/2

Left In: -450.653+/-187.903 χ^2/NDF :20.1/8

-167.761+/-170.957 χ^2/NDF : 24.4/11

-462.919+/-169.139 χ^2/NDF : 22.2/11

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

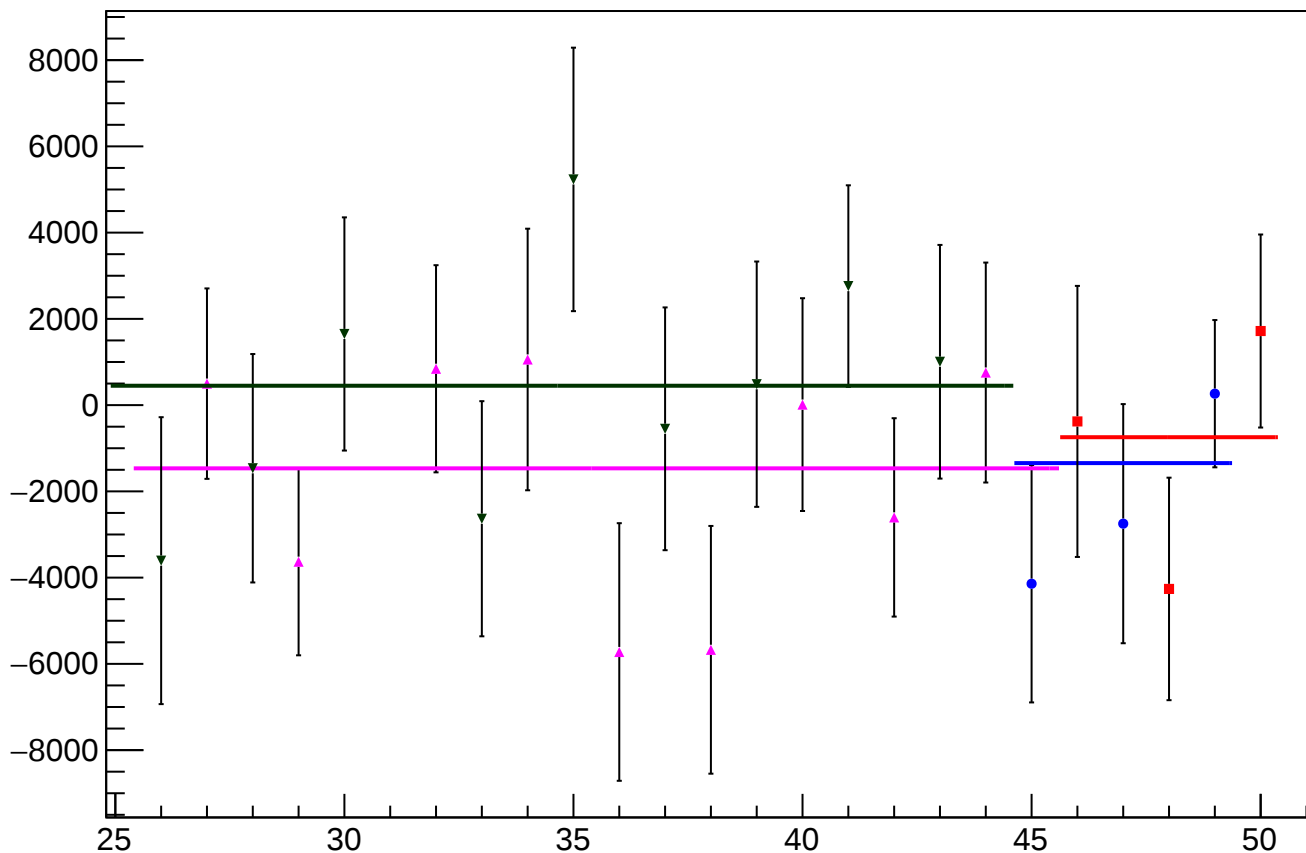
Right Out: 459.425+/-0.275 χ^2/NDF : 2381.6/2

Left In: 445.528+/-0.133 χ^2/NDF :24241.7/8

445.905+/-0.121 χ^2/NDF : 43978.1/11

448.165+/-0.120 χ^2/NDF : 28698.9/11

asym_sam8_correction_mean vs slug



Right In: -1344.514 $\pm$ 1285.573 χ^2 /NDF: 2.2/2

Left Out: 449.371 $\pm$ 920.334 χ^2 /NDF: 7.1/8

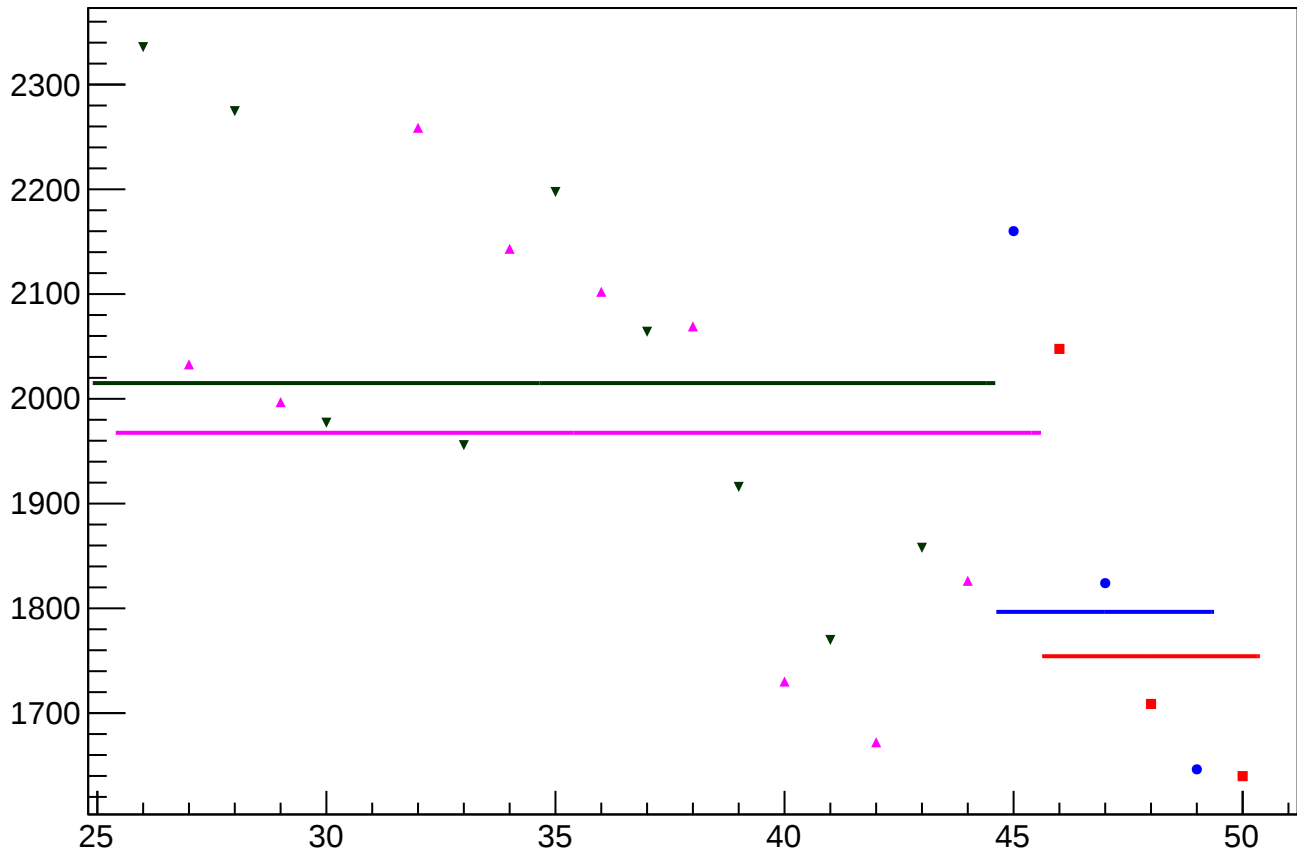
-158.478 $\pm$ 748.337 χ^2 /NDF: 10.6/11

Right Out: -744.084 $\pm$ 1488.818 χ^2 /NDF: 3.1/2

-1293.906 $\pm$ 727.199 χ^2 /NDF: 12.2/11

Left In: -1466.179 $\pm$ 833.373 χ^2 /NDF: 8.9/8

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

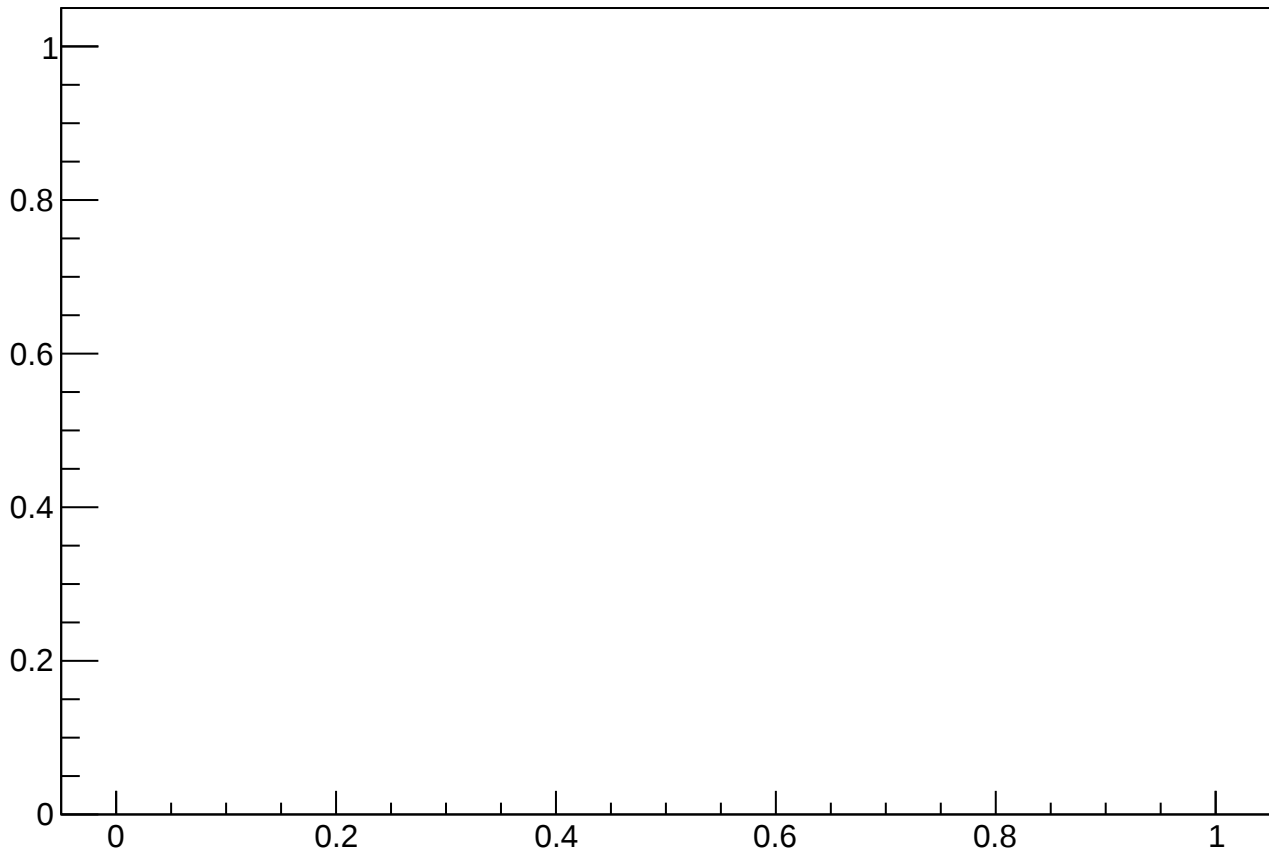
1941.021+/-0.529 χ^2/NDF : 166796.8/11

Right Out: 1754.288+/-1.053 χ^2/NDF : 23282.4/2

1916.698+/-0.514 χ^2/NDF : 156981.7/11

Left In: 1967.585+/-0.589 χ^2/NDF : 102442.6/8

bcm_an_us_ds3_avg_mean vs slug



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

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

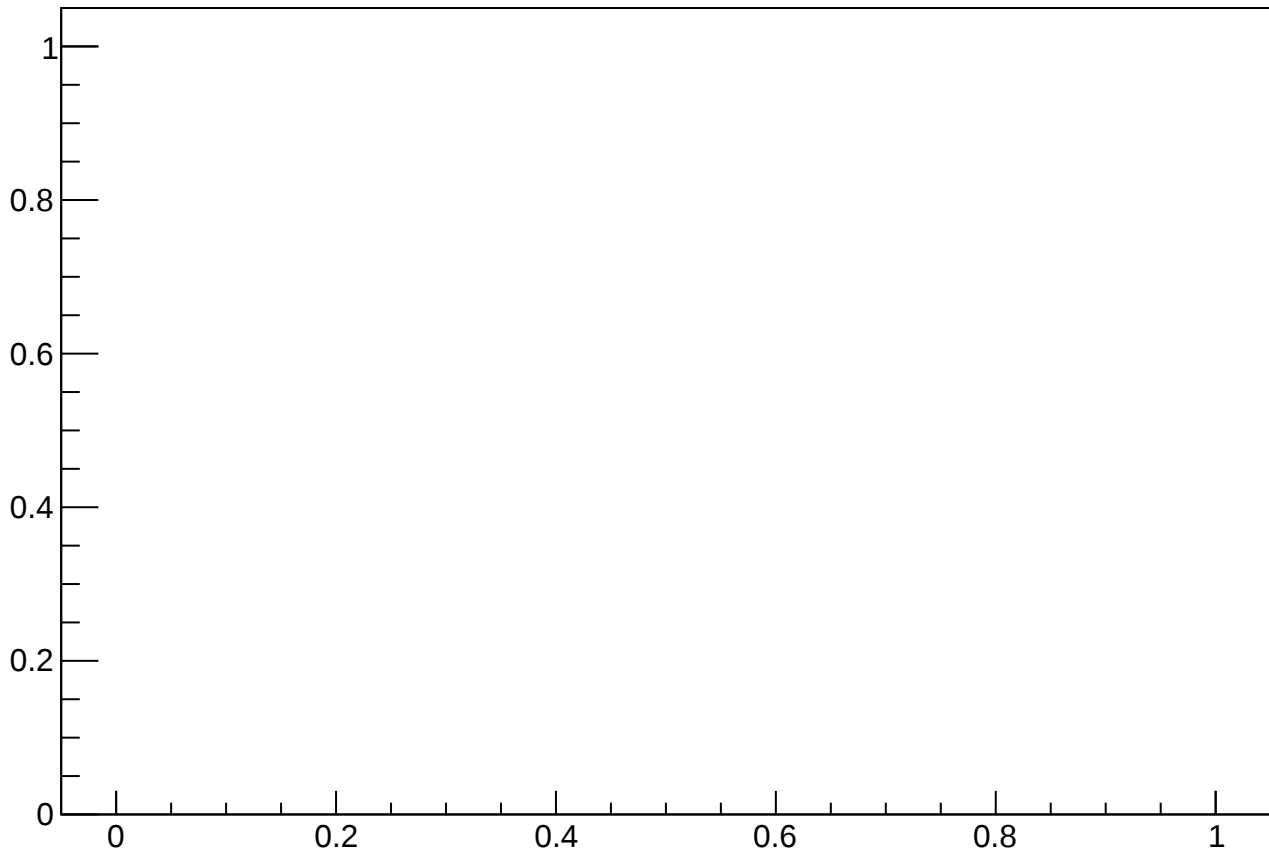
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

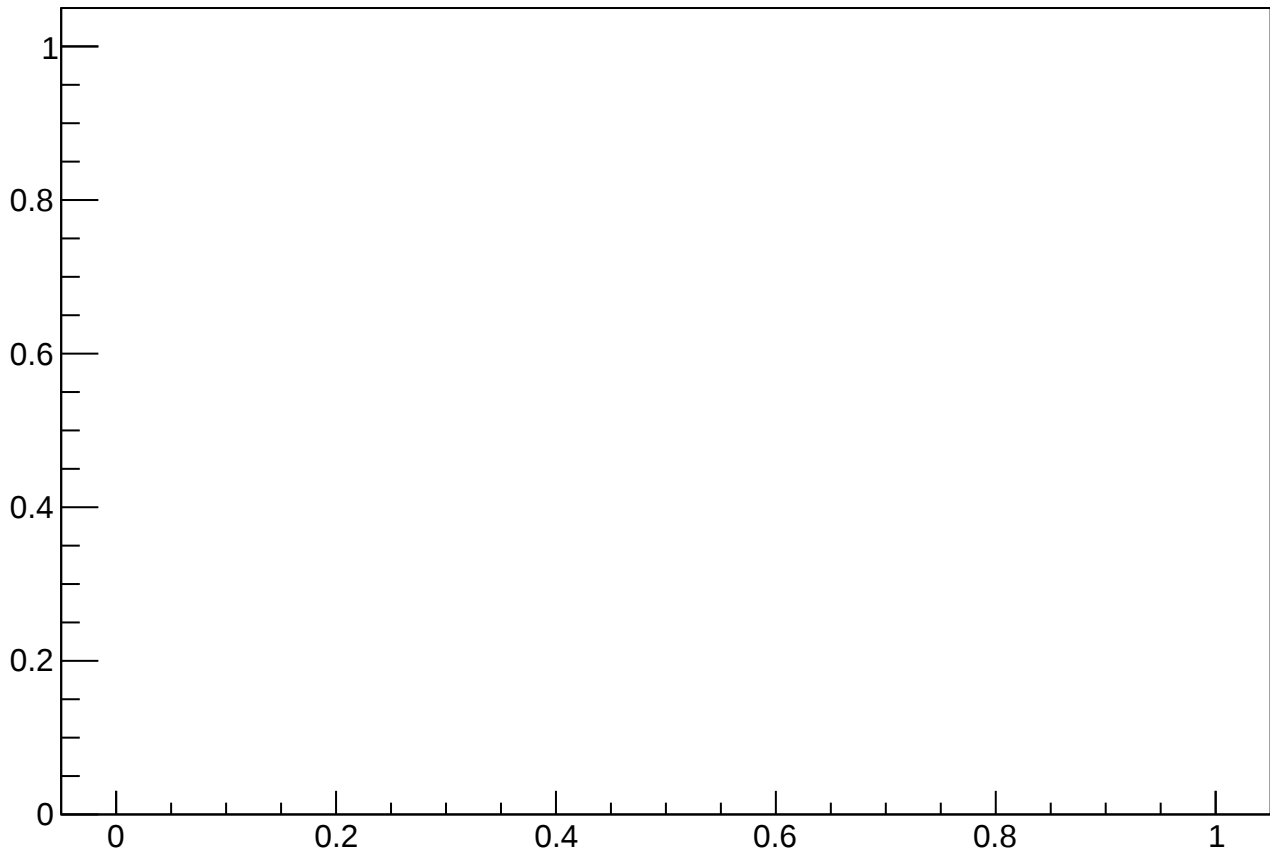
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

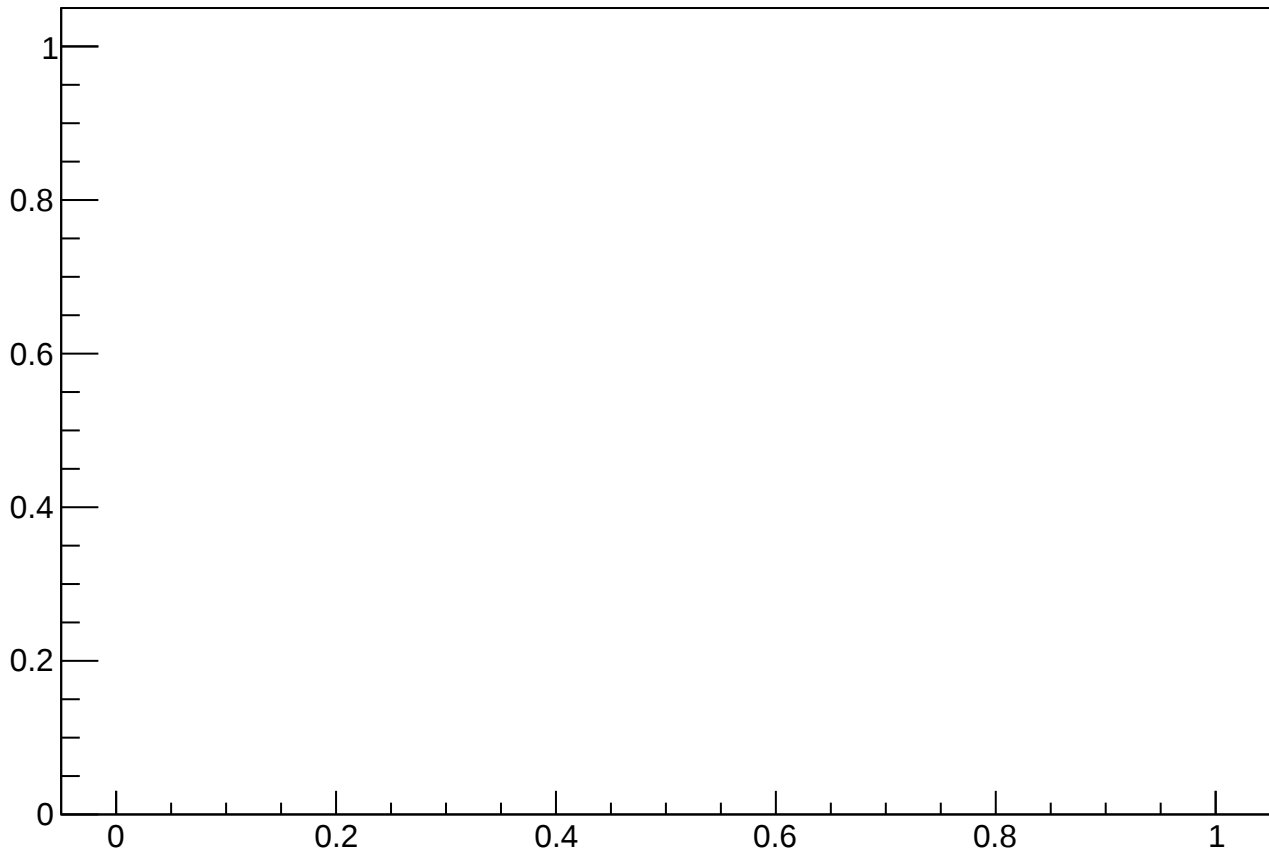
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

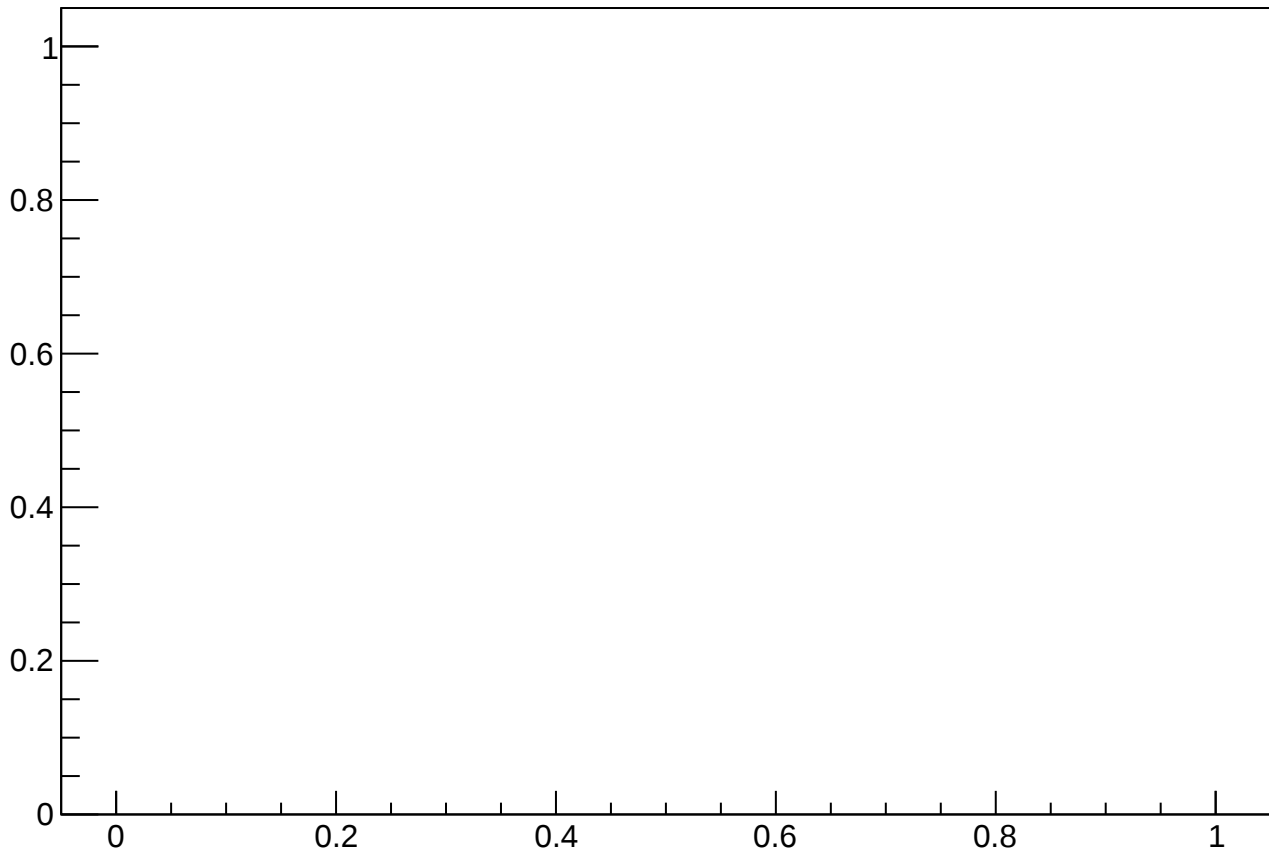
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

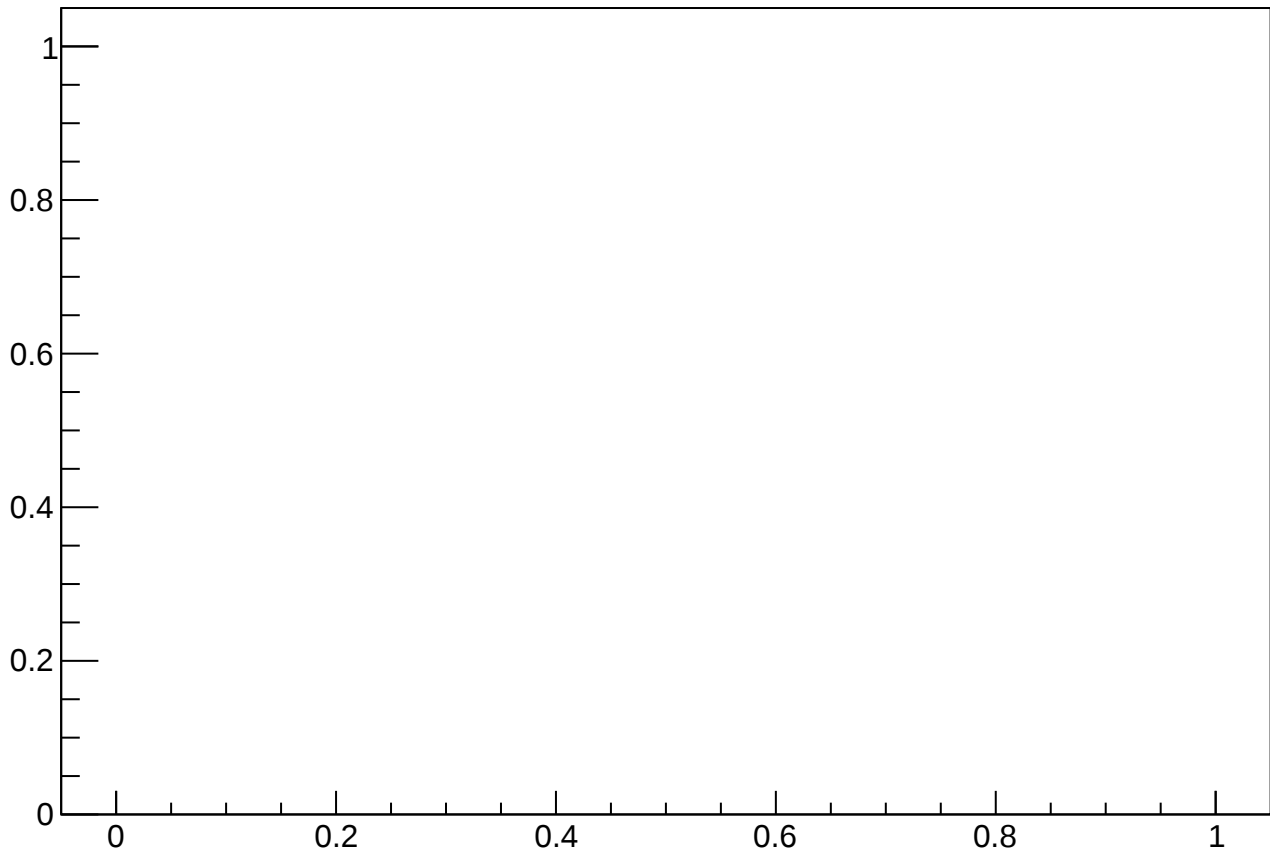
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

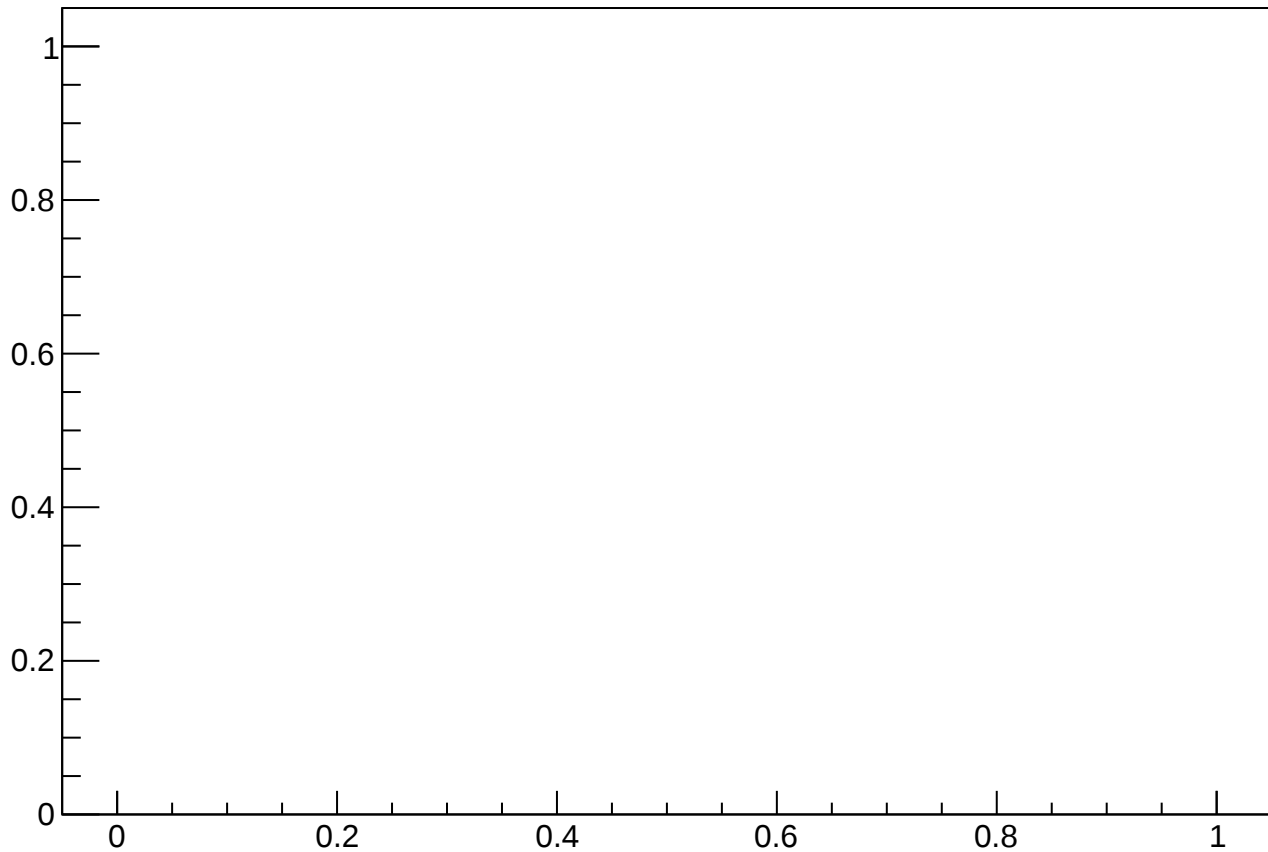
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

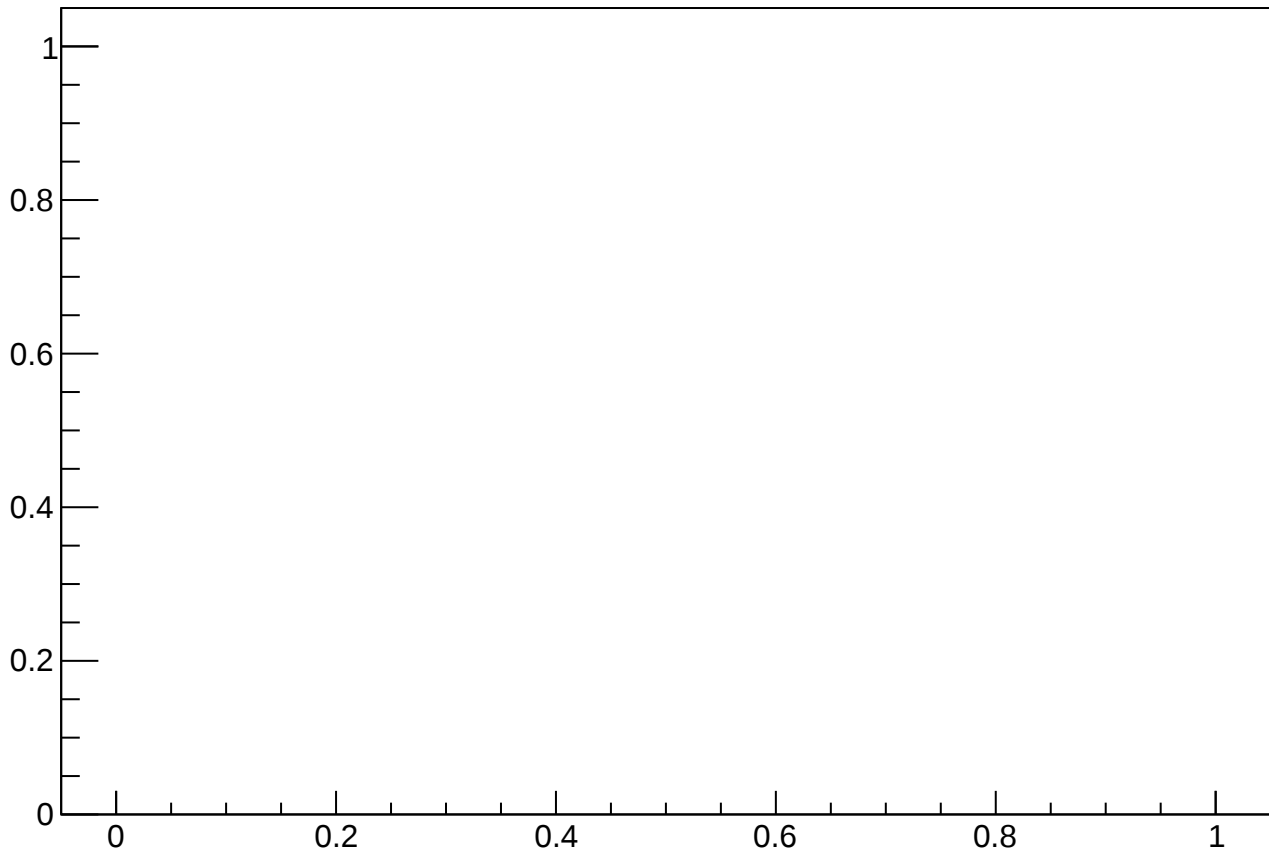
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

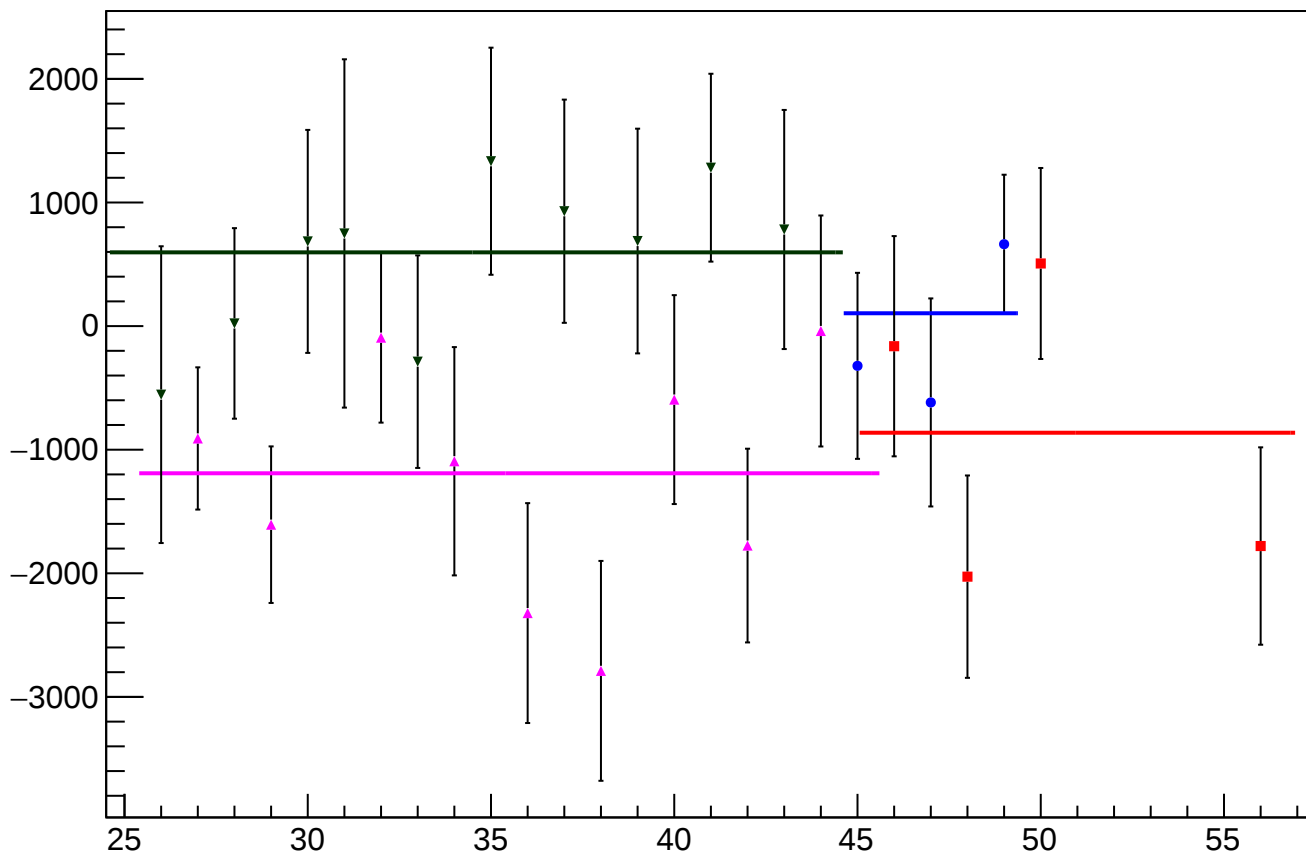
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 397.001 χ^2/NDF : 2.0/2

Left Out: 596.646 $\pm$ 290.082 χ^2/NDF : 4.2/9

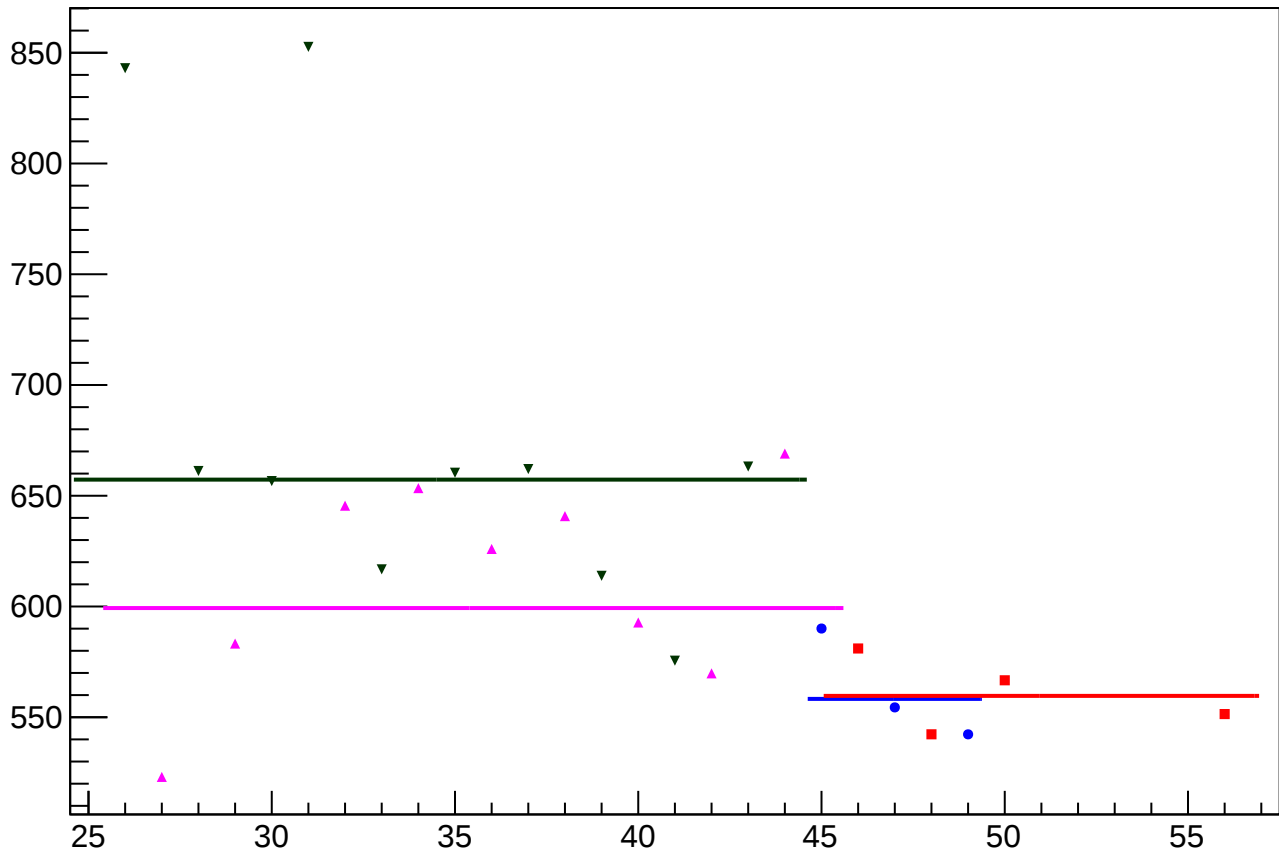
Right Out: -862.662 $\pm$ 408.408 χ^2/NDF : 7.1/3

Left In: -1190.705 $\pm$ 253.970 χ^2/NDF : 10.6/8

425.145 $\pm$ 234.219 χ^2/NDF : 7.2/12

-1099.226 $\pm$ 215.671 χ^2/NDF : 18.2/12

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

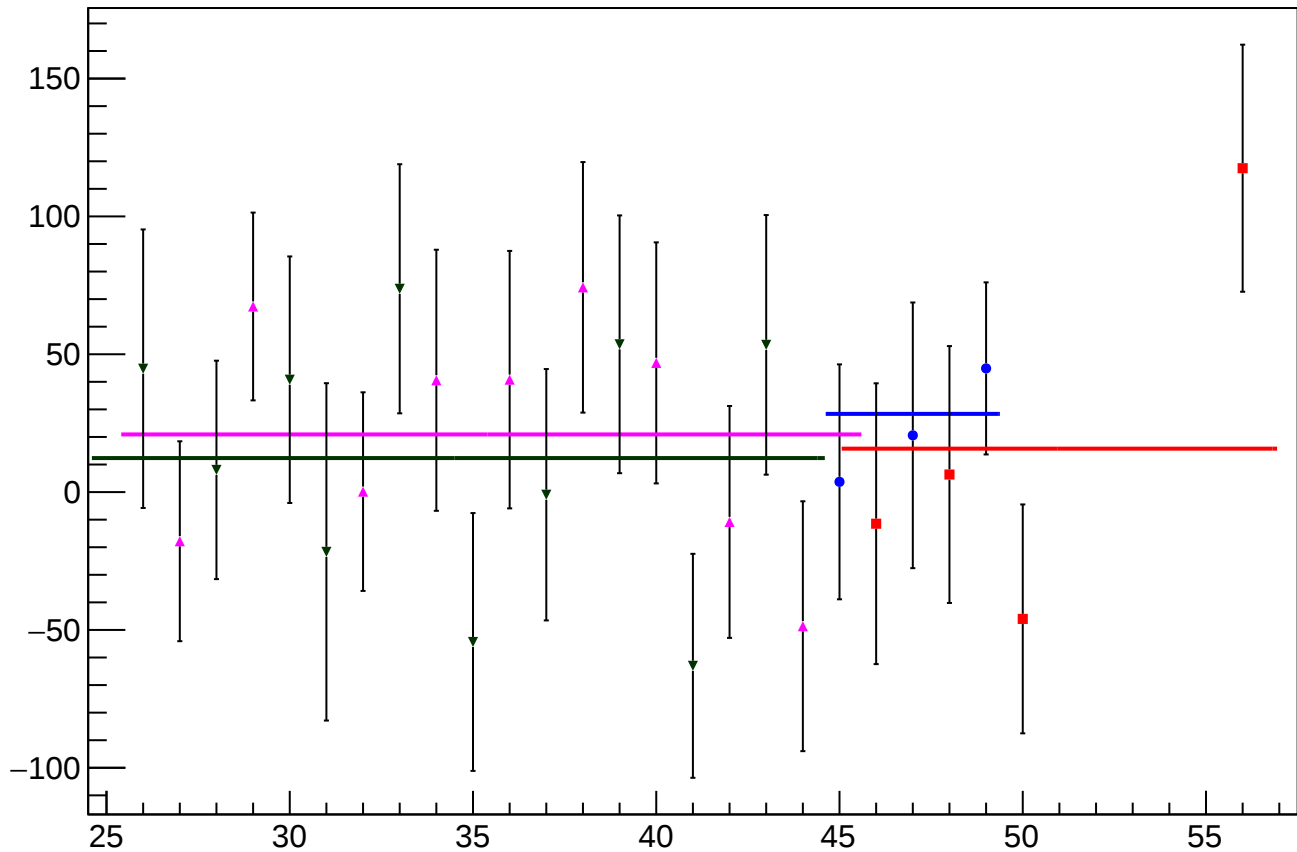
Right Out: 559.643 ± 0.289 χ^2/NDF : 2429.1/3

Left In: 599.296 ± 0.180 χ^2/NDF : 72545.0/8

622.823 ± 0.166 χ^2/NDF : 204976.1/12

588.238 ± 0.153 χ^2/NDF : 88569.5/12

asym_left_dd_mean vs slug



Right In: 28.374 ± 22.315 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 12.342 ± 14.526 $\chi^2/\text{NDF}: 10.1/9$

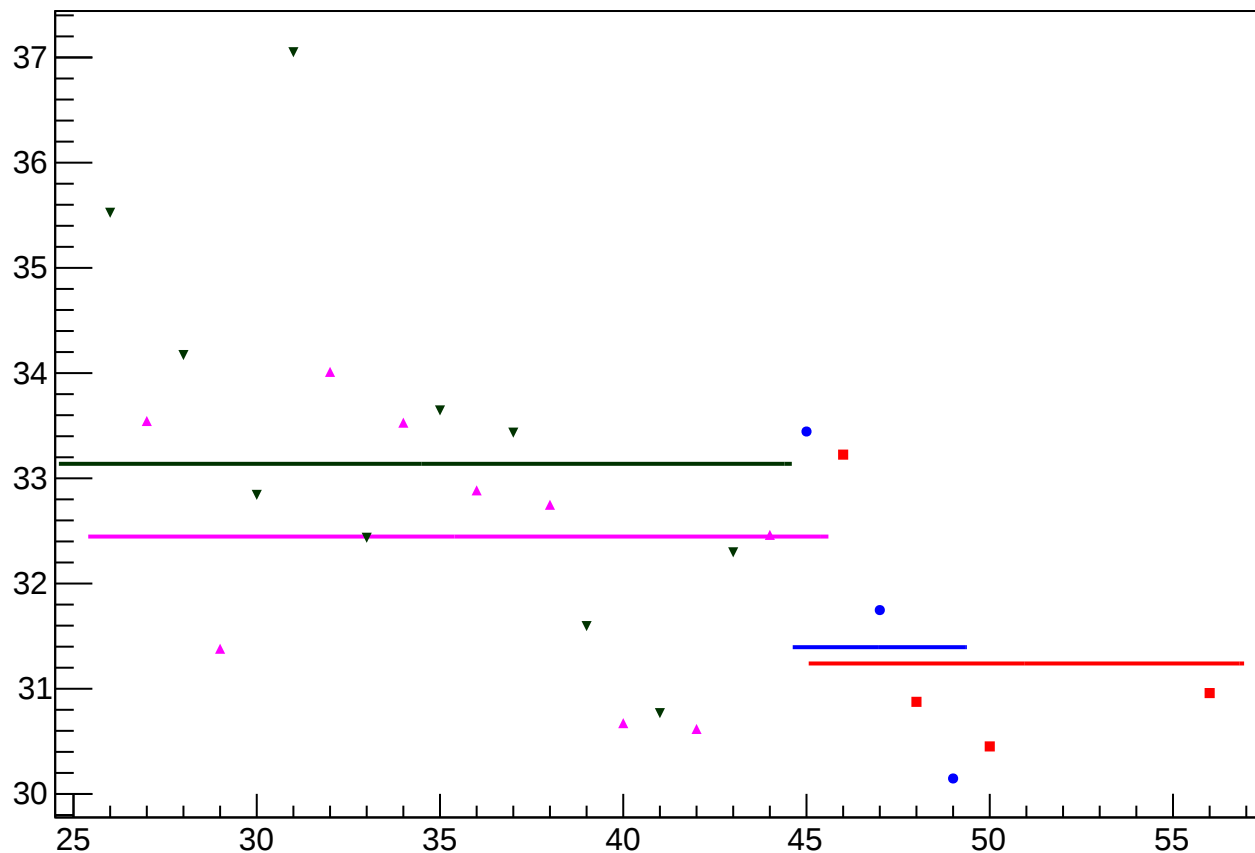
Right Out: 15.762 ± 22.795 $\chi^2/\text{NDF}: 7.7/3$

Left In: 20.920 ± 13.661 $\chi^2/\text{NDF}: 8.3/8$

17.113 ± 12.174 $\chi^2/\text{NDF}: 11.1/12$

19.557 ± 11.718 $\chi^2/\text{NDF}: 16.1/12$

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

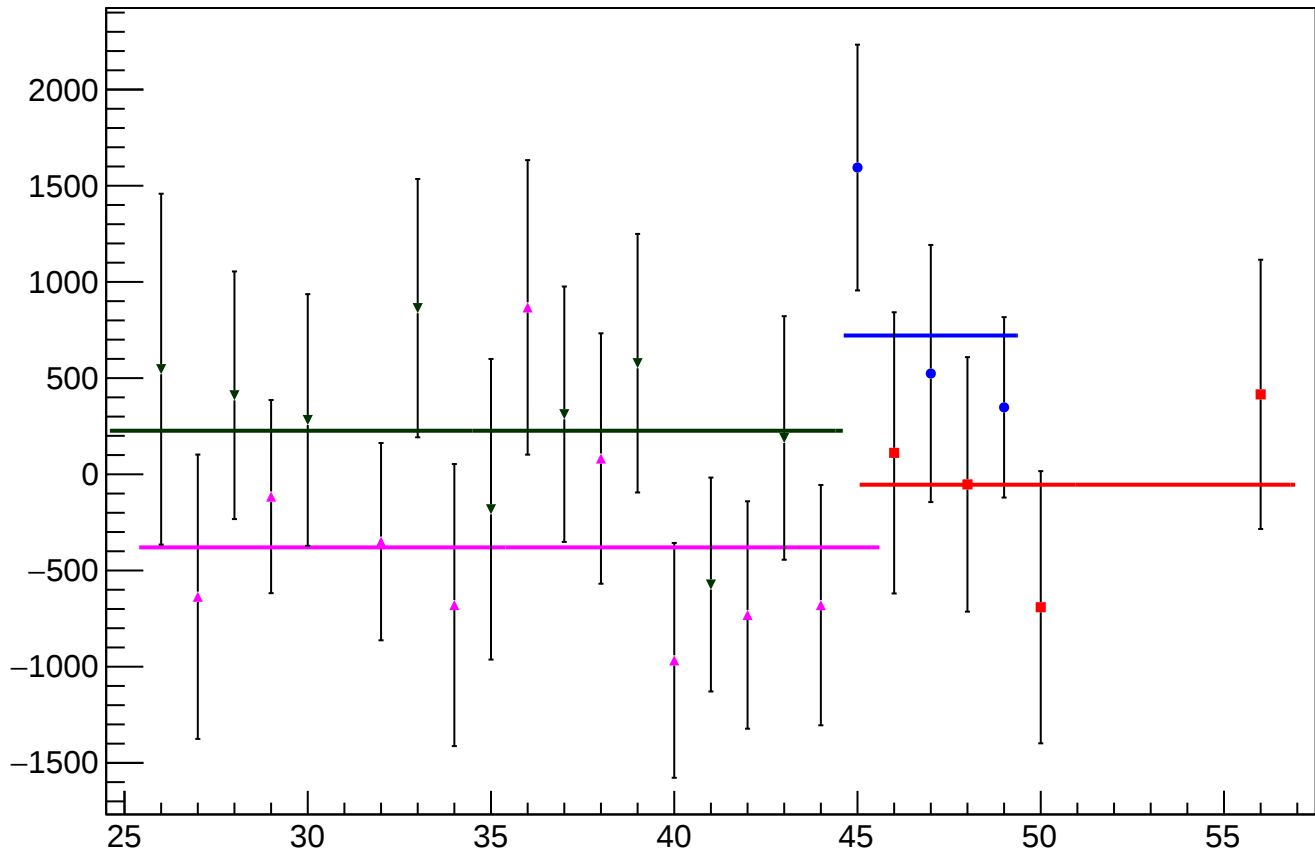
Right Out: 31.240+/-0.016 χ^2/NDF : 3960.6/3

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.619+/-0.009 χ^2/NDF : 41012.4/12

32.128+/-0.008 χ^2/NDF : 24035.7/12

asym_right_avg_mean vs slug



Right In: 721.469 $\pm$ 329.006 χ^2/NDF : 2.6/2

Left Out: 226.455 $\pm$ 223.469 χ^2/NDF : 3.7/8

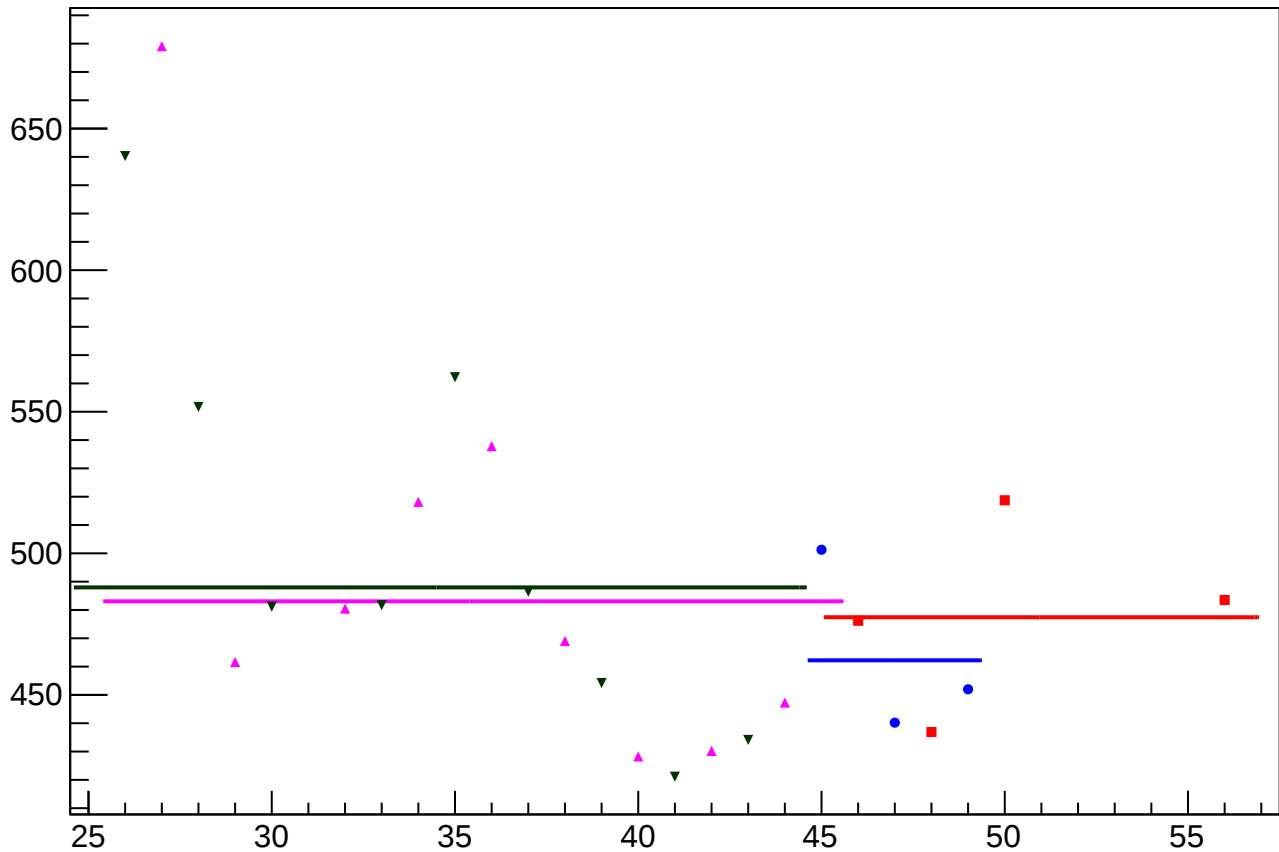
Right Out: -54.139 $\pm$ 349.263 χ^2/NDF : 1.3/3

Left In: -379.789 $\pm$ 205.675 χ^2/NDF : 5.2/8

382.731 $\pm$ 184.859 χ^2/NDF : 7.9/11

-295.937 $\pm$ 177.228 χ^2/NDF : 7.2/12

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

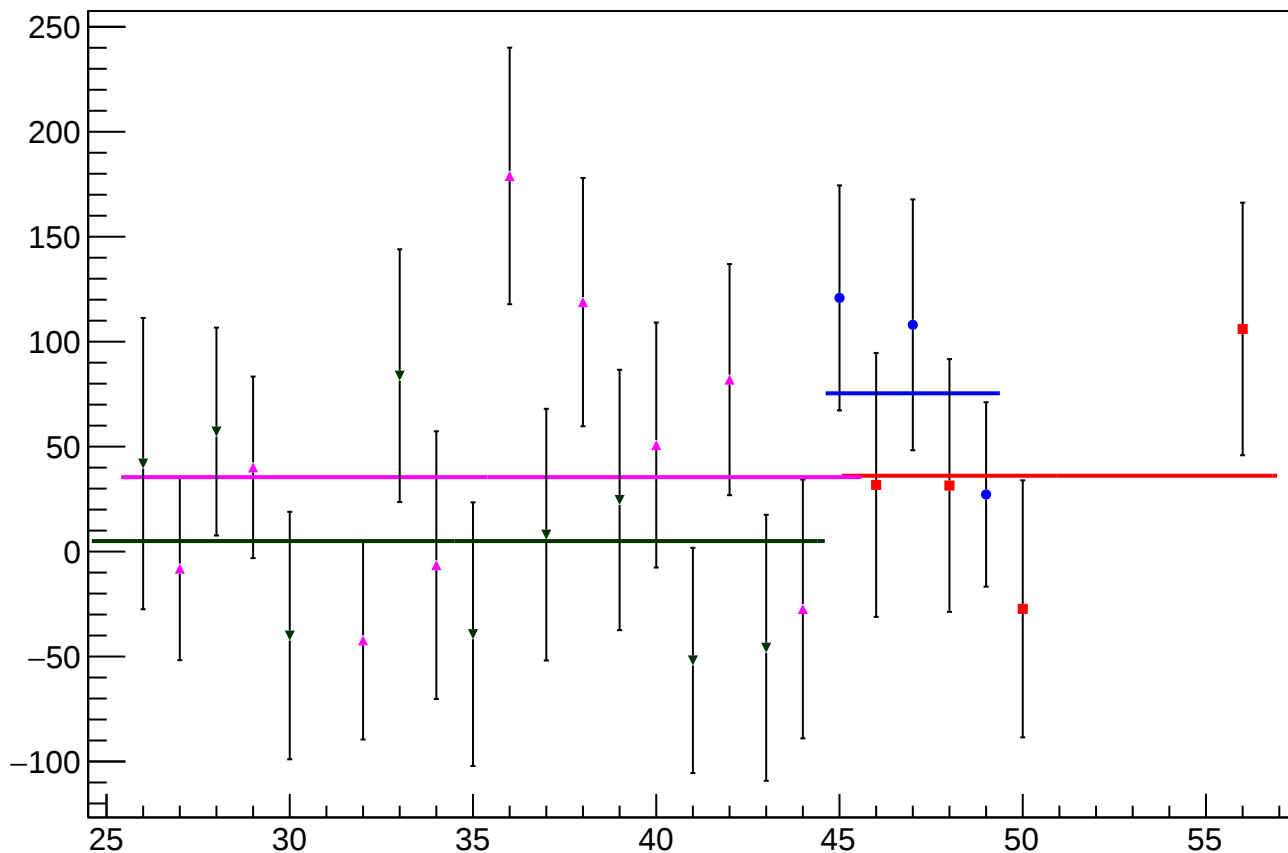
Right Out: 477.425+/-0.247 χ^2/NDF : 14485.9/3

Left In: 483.059+/-0.145 χ^2/NDF :198865.1/8

479.835+/-0.131 χ^2/NDF : 161299.2/11

481.608+/-0.125 χ^2/NDF : 213737.4/12

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

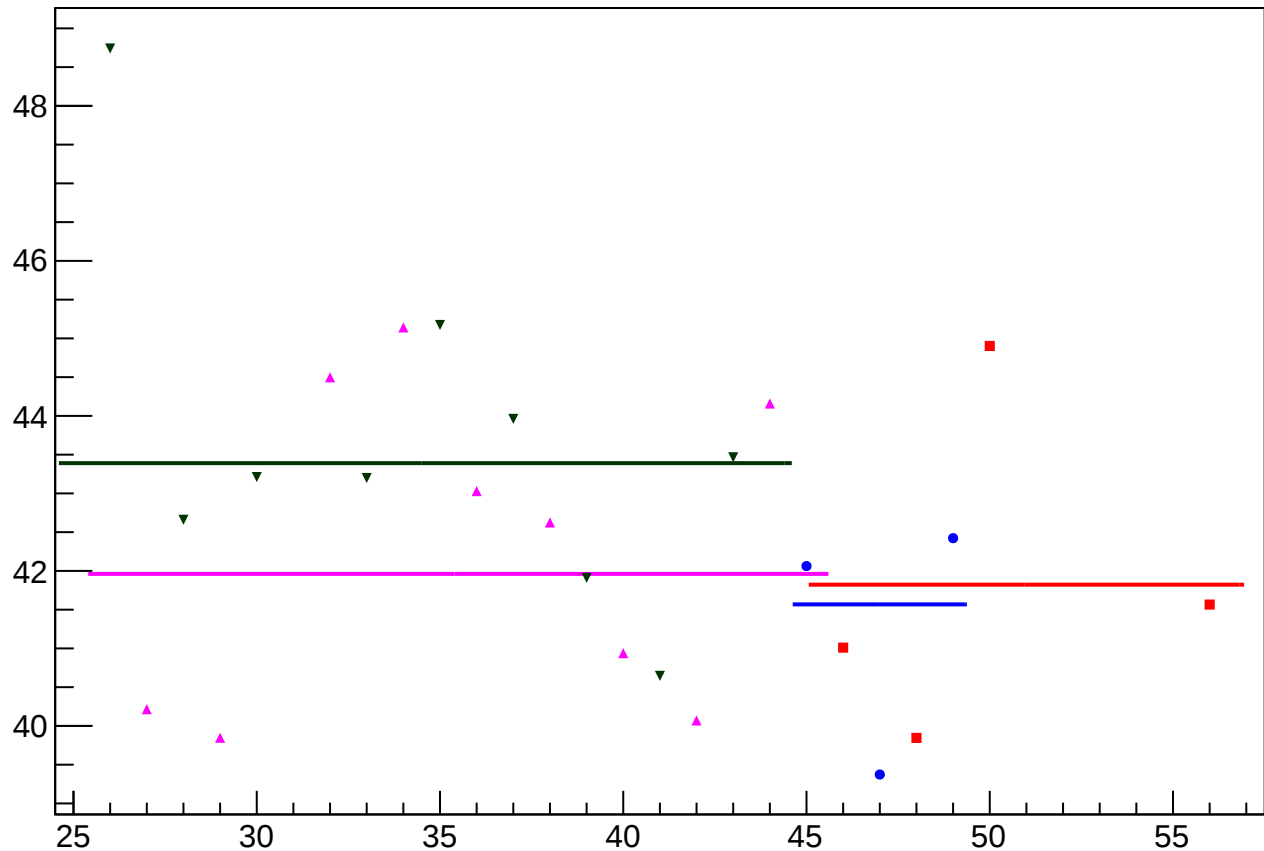
Right Out: 36.135+/-30.543 χ^2/NDF : 2.4/3

Left In: 35.466+/-17.692 χ^2/NDF : 13.5/8

26.739+/-16.411 χ^2/NDF : 12.2/11

35.634+/-15.309 χ^2/NDF : 15.9/12

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

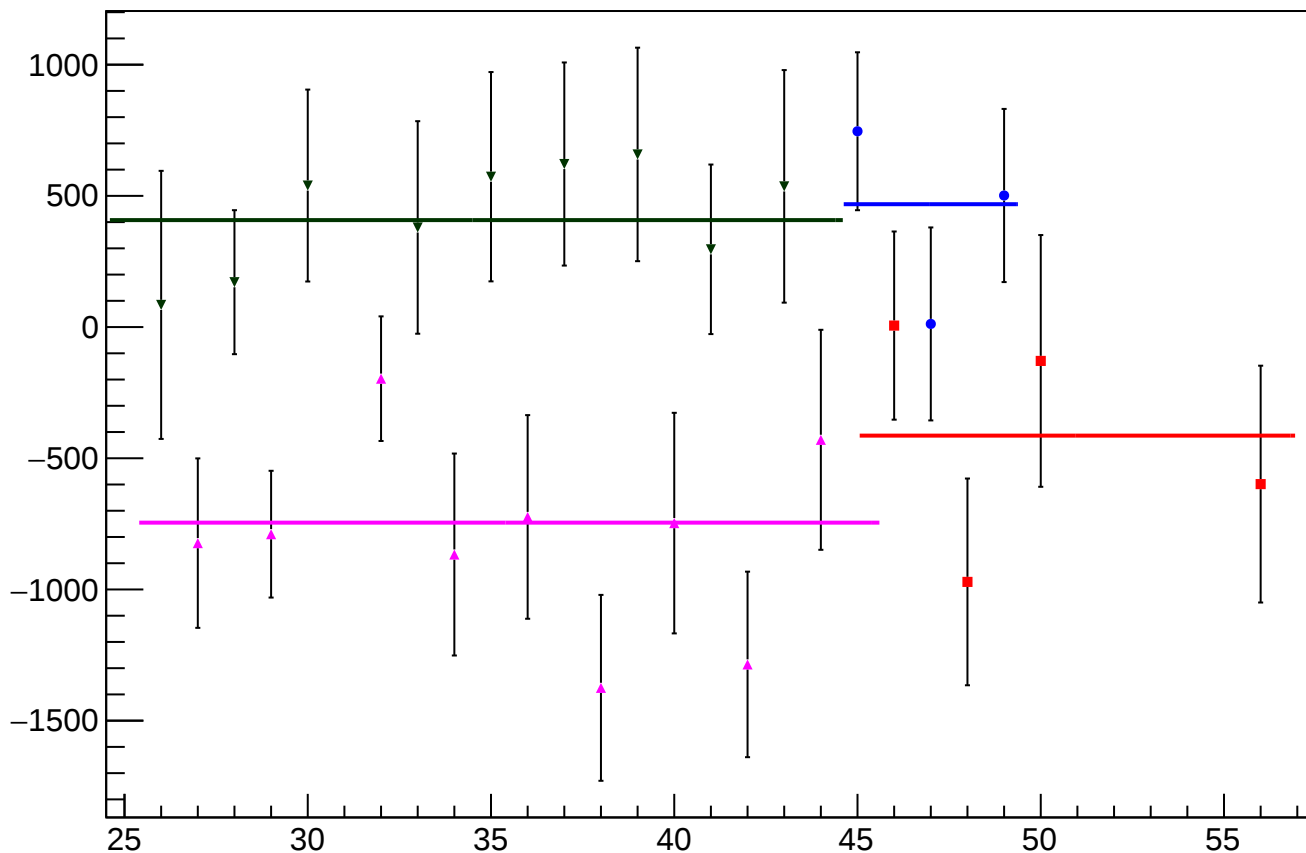
Right Out: 41.822+/-0.022 χ^2/NDF : 7588.6/3

Left In: 41.961+/-0.013 χ^2/NDF :25099.5/8

42.828+/-0.012 χ^2/NDF : 29419.7/11

41.927+/-0.011 χ^2/NDF : 32719.2/12

asym_us_avg_mean vs slug



Right In: 468.258 $\pm$ 190.271 χ^2 /NDF: 2.4/2

Left Out: 407.654 $\pm$ 124.646 χ^2 /NDF: 2.3/8

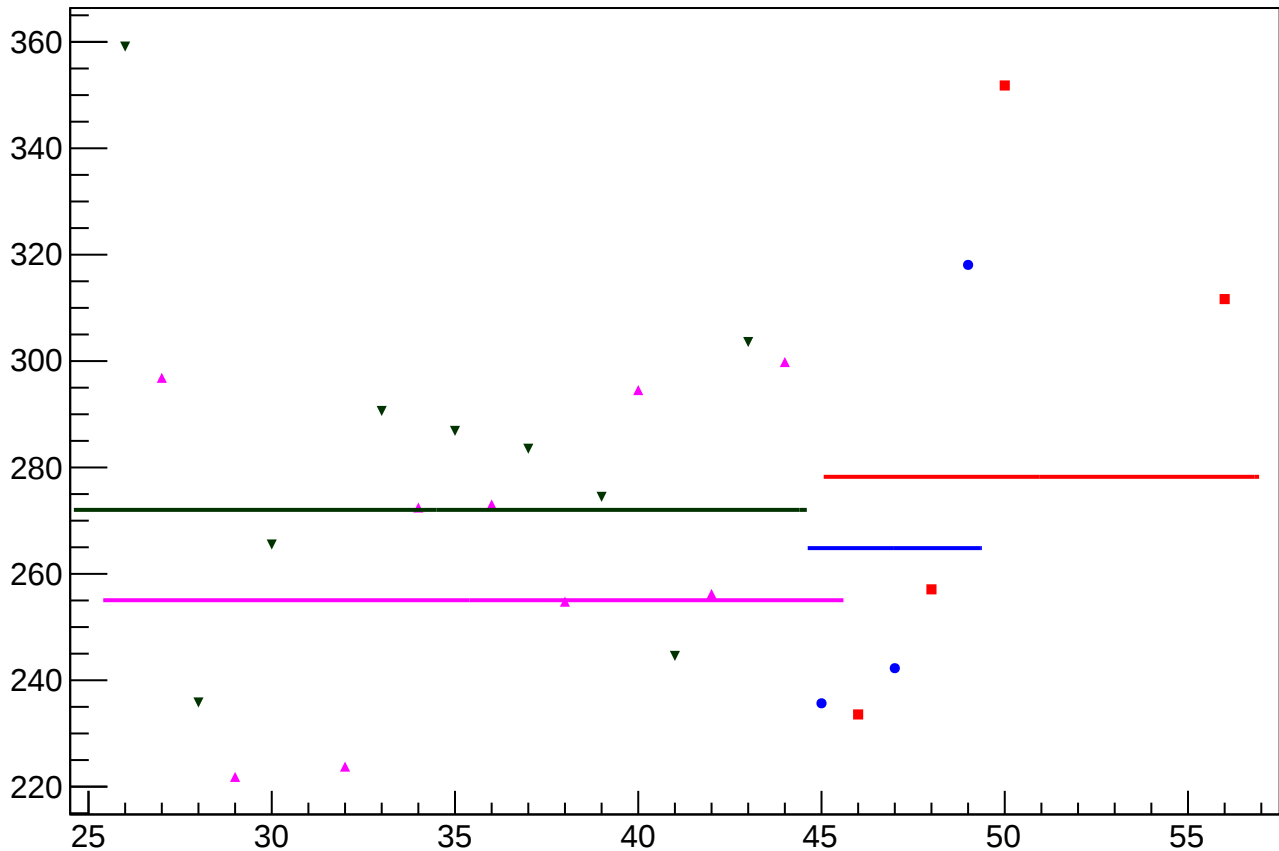
Right Out: -413.692 $\pm$ 206.391 χ^2 /NDF: 3.9/3

Left In: -745.341 $\pm$ 108.352 χ^2 /NDF: 11.6/8

425.853 $\pm$ 104.265 χ^2 /NDF: 4.8/11

-673.684 $\pm$ 95.935 χ^2 /NDF: 17.5/12

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

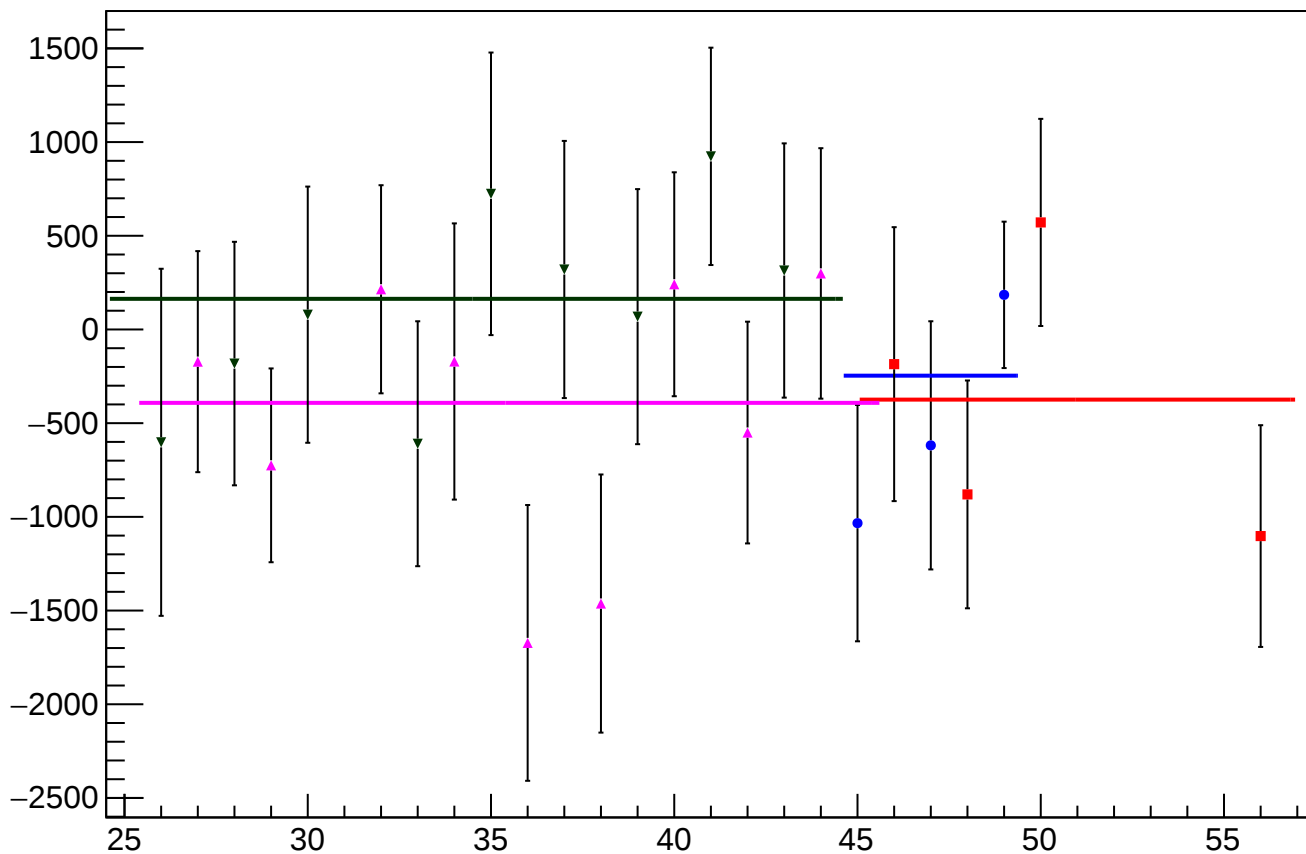
Right Out: 278.245+/-0.146 χ^2/NDF : 94796.5/3

Left In: 255.044+/-0.077 χ^2/NDF :154932.2/8

269.871+/-0.074 χ^2/NDF : 207374.6/11

260.057+/-0.068 χ^2/NDF : 269540.2/12

asym_us_dd_mean vs slug



Right In: -246.551 $\pm$ 296.842 χ^2 /NDF: 3.1/2

Left Out: 163.472 $\pm$ 228.189 χ^2 /NDF:4.8/8

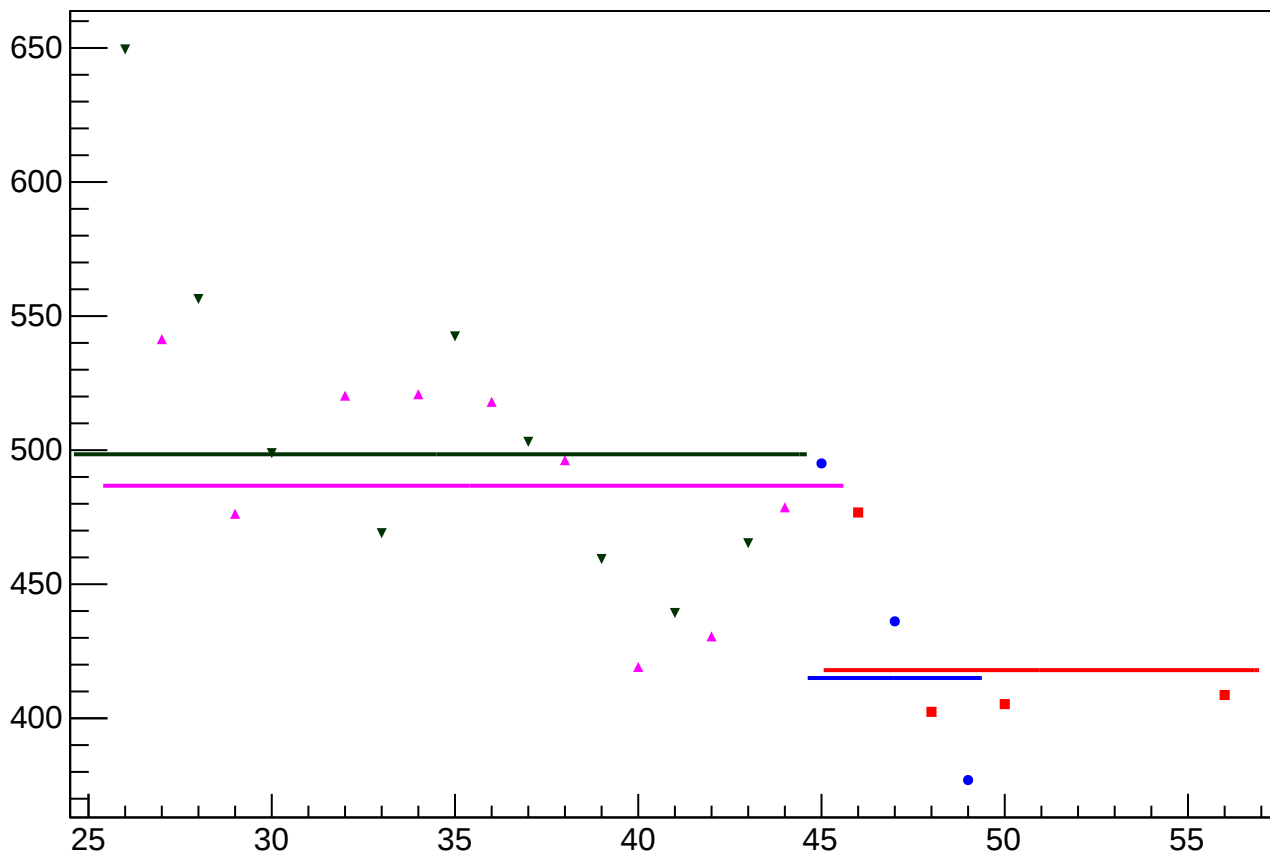
Right Out: -374.312 $\pm$ 305.581 χ^2 /NDF: 5.2/3

Left In: -391.603 $\pm$ 206.064 χ^2 /NDF:9.5/8

11.174 $\pm$ 180.913 χ^2 /NDF: 9.1/11

-386.198 $\pm$ 170.848 χ^2 /NDF: 14.7/12

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

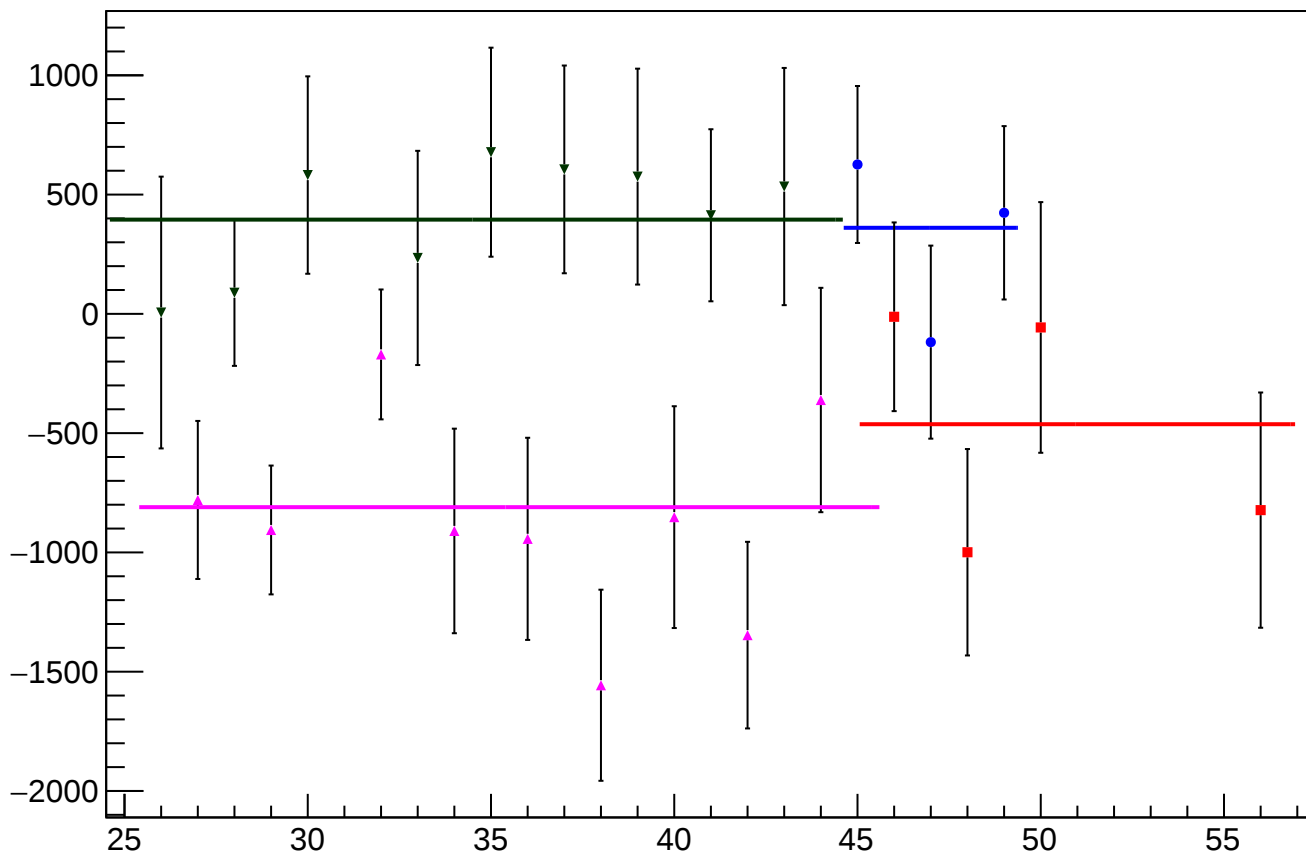
Right Out: 417.955+/-0.216 χ^2/NDF : 15790.3/3

Left In: 486.730+/-0.146 χ^2/NDF : 77533.3/8

467.467+/-0.128 χ^2/NDF : 264787.6/11

465.232+/-0.121 χ^2/NDF : 162962.5/12

asym_ds_avg_mean vs slug



Right In: 360.784 $\pm$ 208.884 χ^2 /NDF: 2.1/2

Left Out: 395.054 $\pm$ 139.188 χ^2 /NDF: 2.7/8

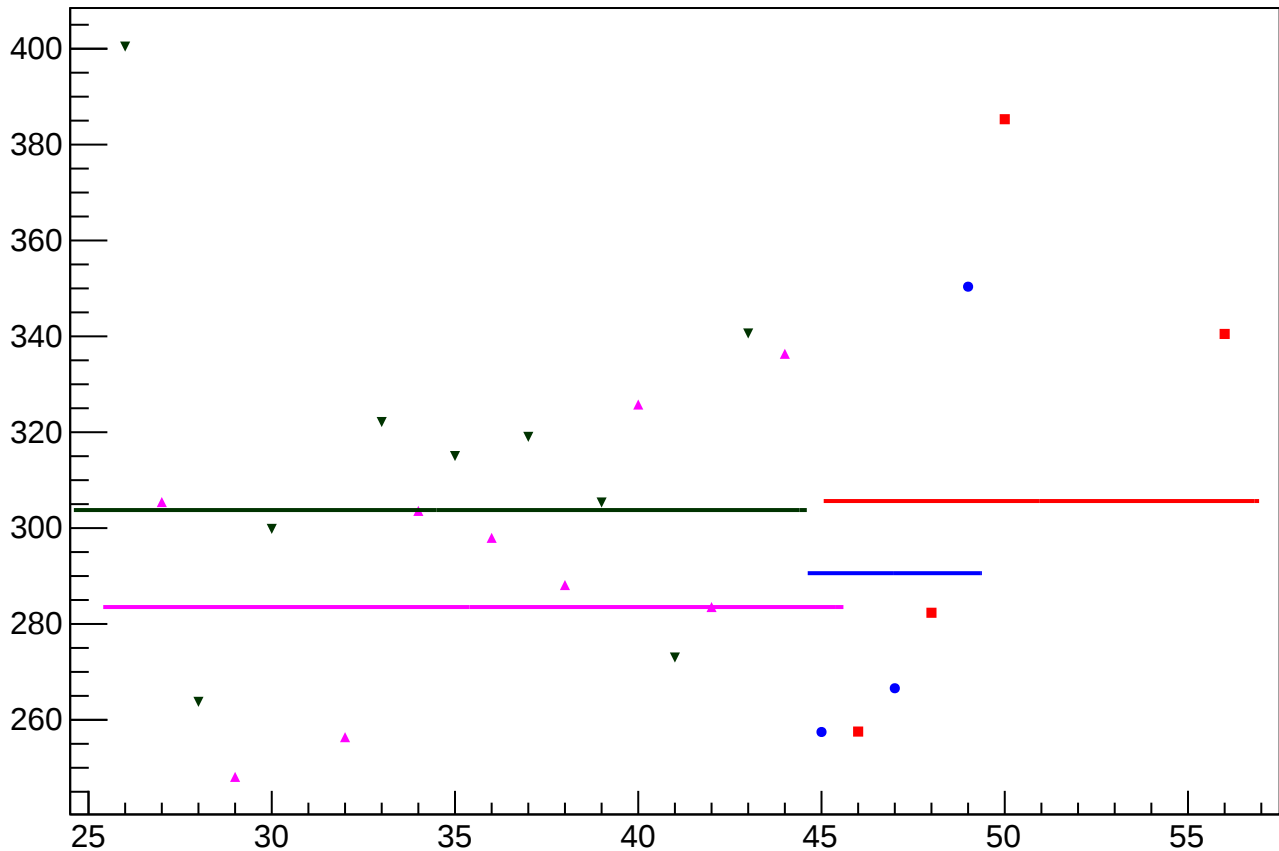
Right Out: -462.579 $\pm$ 226.628 χ^2 /NDF: 4.0/3

Left In: -810.313 $\pm$ 120.172 χ^2 /NDF: 12.1/8

384.517 $\pm$ 115.829 χ^2 /NDF: 4.8/11

-733.996 $\pm$ 106.169 χ^2 /NDF: 17.9/12

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

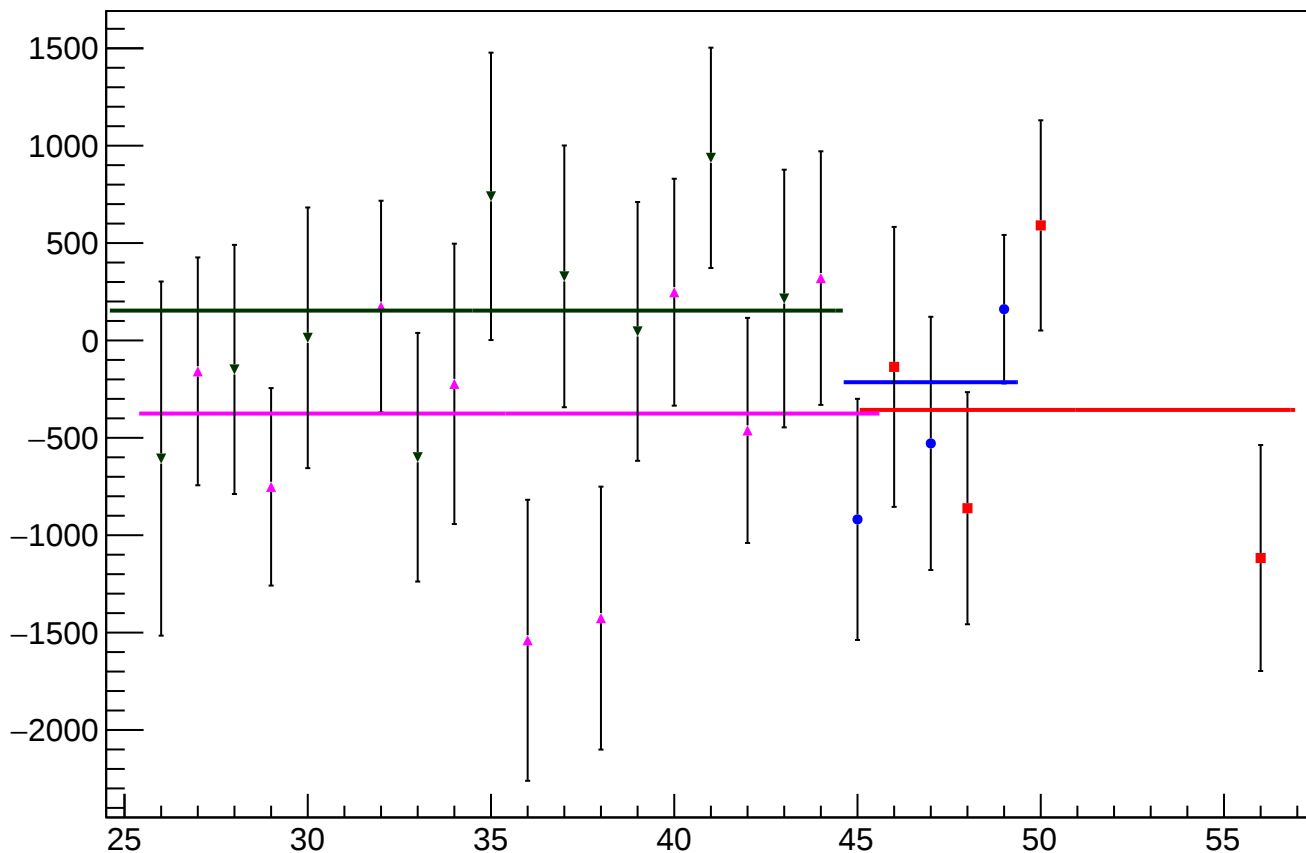
Right Out: 305.646 ± 0.160 χ^2/NDF : 91332.2/3

Left In: 283.532 ± 0.085 χ^2/NDF : 111777.4/8

299.715 ± 0.082 χ^2/NDF : 211430.4/11

288.385 ± 0.075 χ^2/NDF : 217973.2/12

asym_ds_dd_mean vs slug



Right In: -214.472+/-290.395 χ^2/NDF : 2.5/2

Left Out: 153.259+/-223.218 χ^2/NDF : 5.0/8

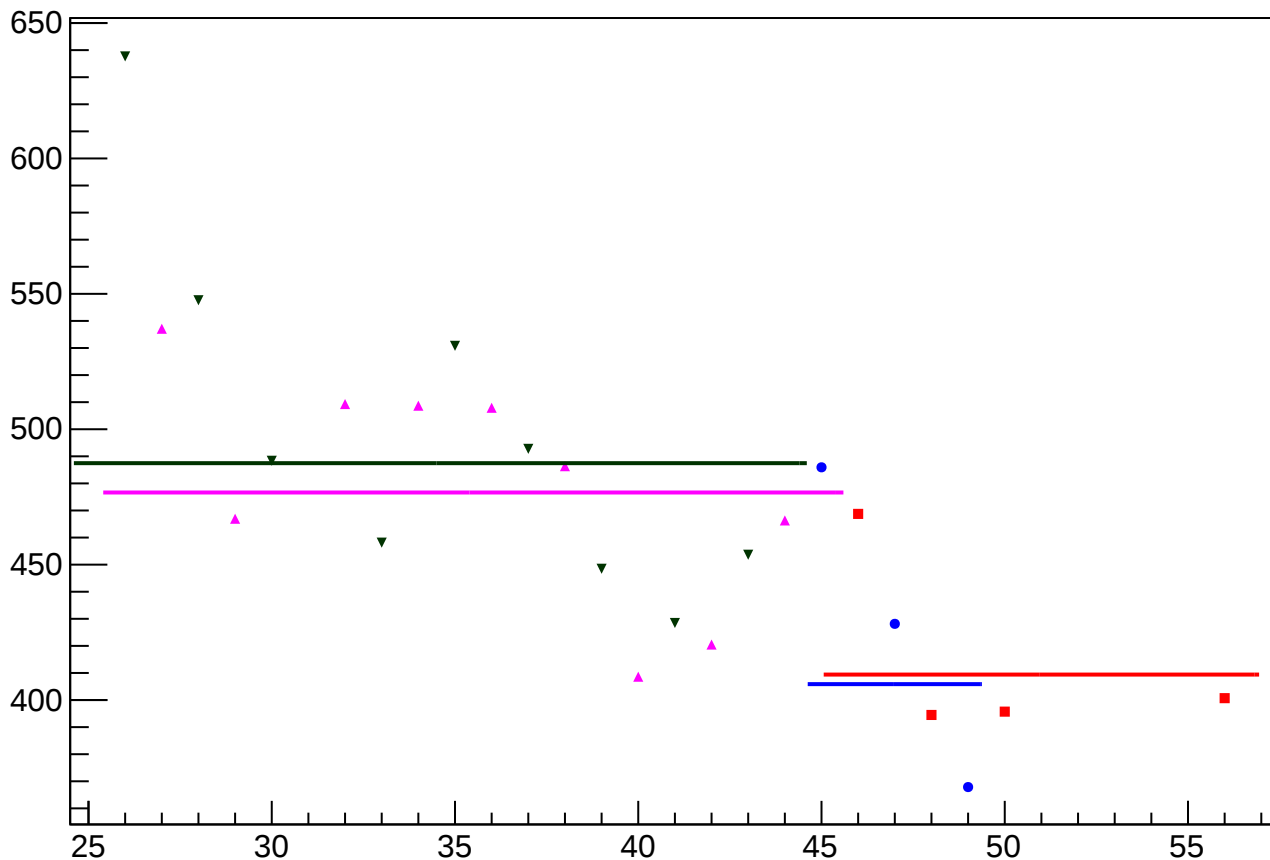
Right Out: -356.719+/-299.364 χ^2/NDF : 5.6/3

Left In: -375.323+/-201.839 χ^2/NDF : 9.1/8

16.681+/-176.976 χ^2/NDF : 8.5/11

-369.509+/-167.354 χ^2/NDF : 14.7/12

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

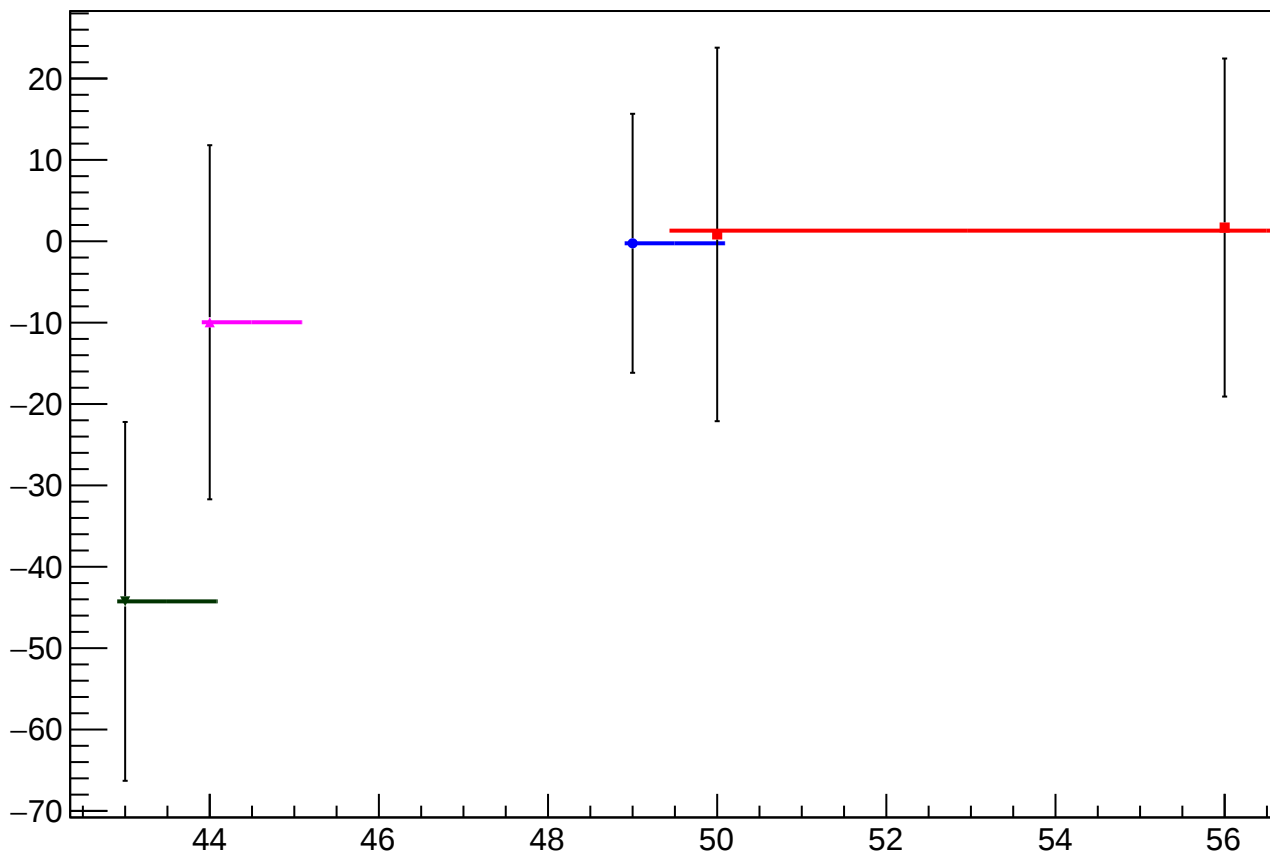
Right Out: 409.405 ± 0.212 χ^2/NDF : 16622.5/3

Left In: 476.643 ± 0.143 χ^2/NDF : 84134.8/8

457.167 ± 0.125 χ^2/NDF : 272376.7/11

455.630 ± 0.118 χ^2/NDF : 170119.3/12

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

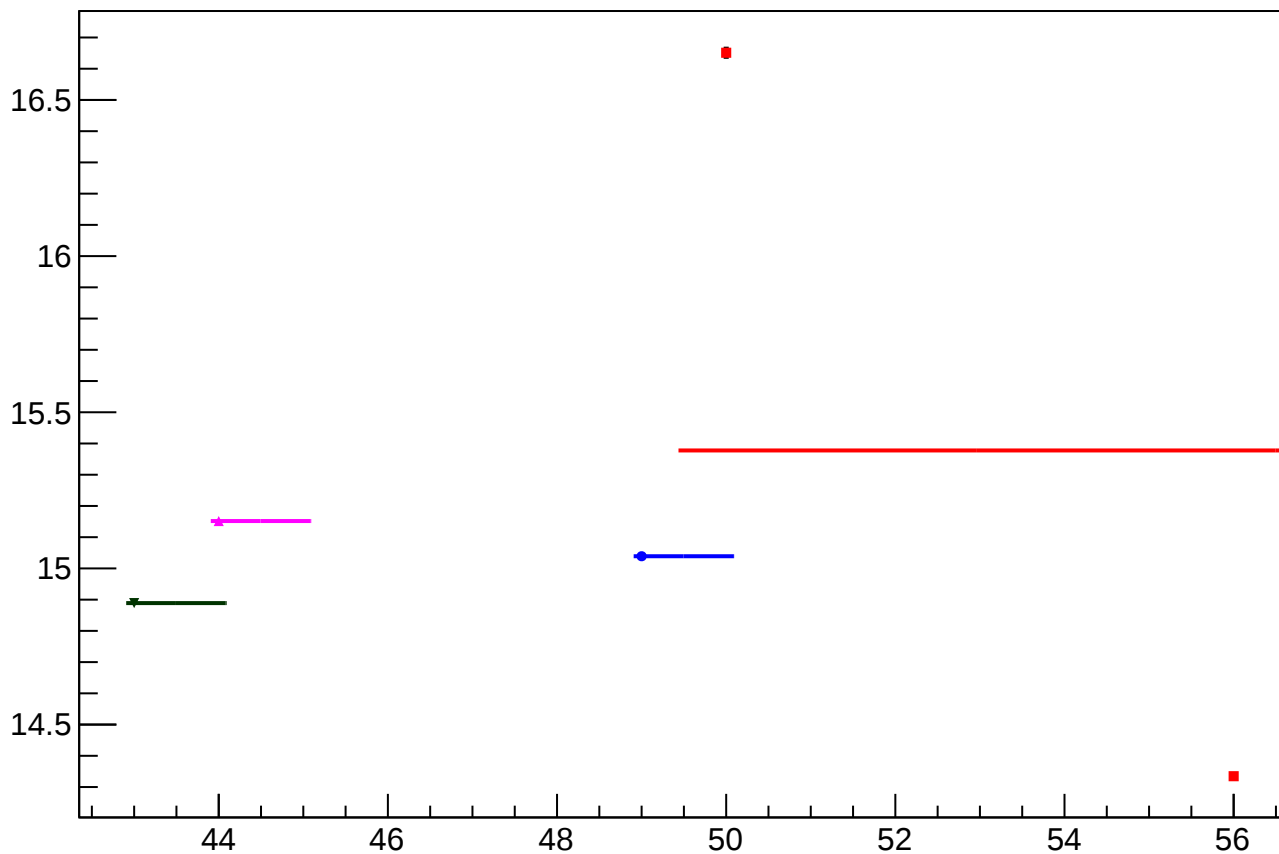
Right Out: 1.305 $\pm$ 15.400 χ^2 /NDF: 0.0/1

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

-15.321 $\pm$ 12.903 χ^2 /NDF: 2.6/1

-2.452 $\pm$ 12.570 χ^2 /NDF: 0.2/2

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

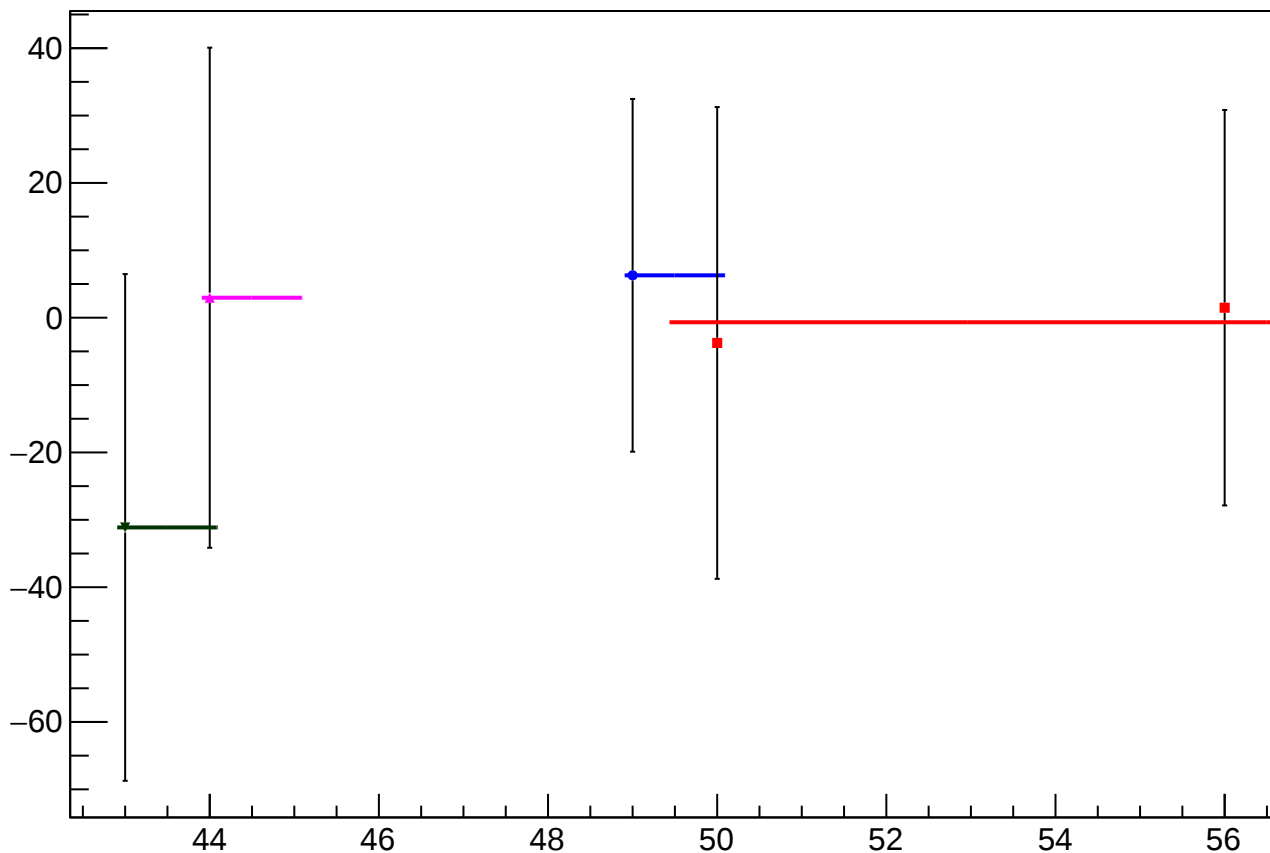
Right Out: 15.378 $\pm$ 0.011 χ^2 /NDF: 11201.9/1

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

14.988 $\pm$ 0.009 χ^2 /NDF: 60.9/1

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

bcm_dg_us_ds_dd_mean vs slug



Right In: 6.288 $\pm$ 26.177 χ^2/NDF : 0.0/0

-5.926 $\pm$ 21.484 χ^2/NDF : 0.7/1

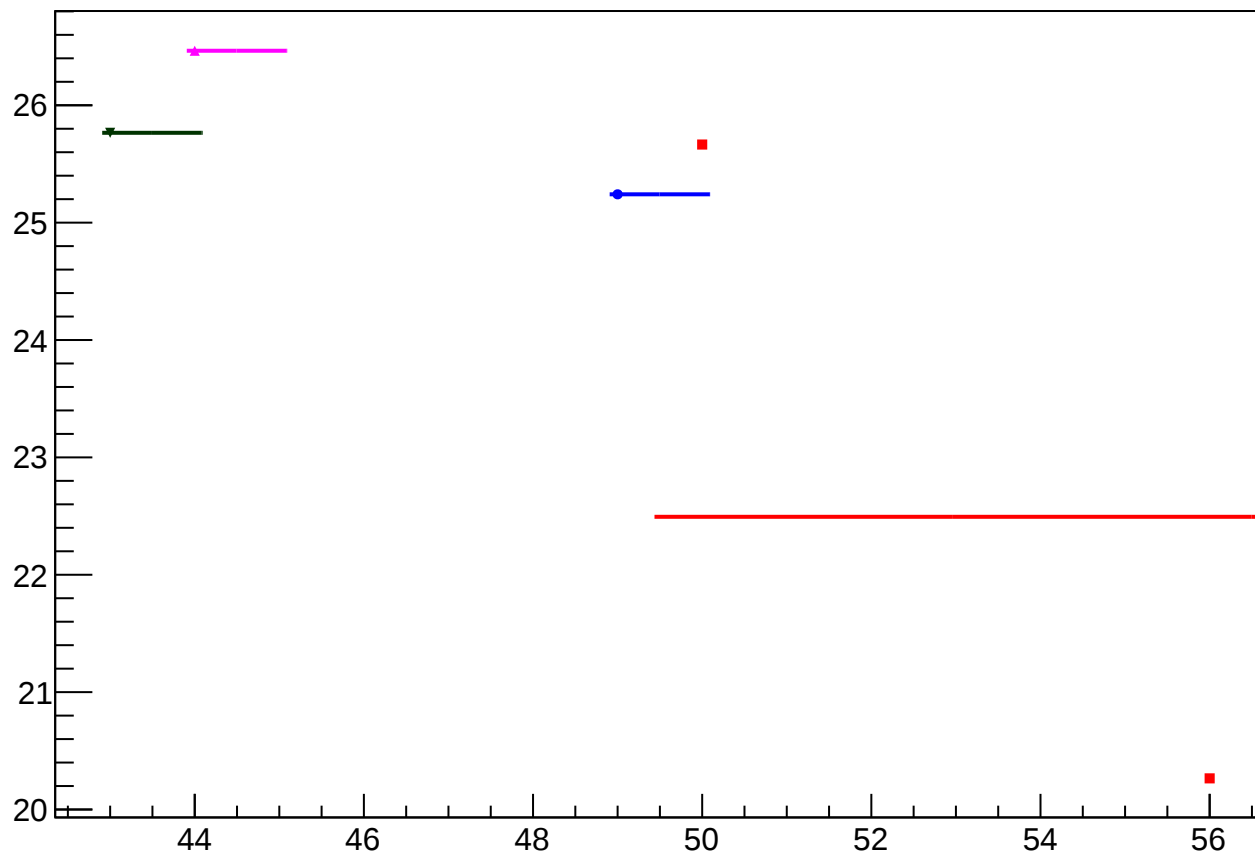
Left Out: -31.130 $\pm$ 37.603 χ^2/NDF : 0.0/0

0.301 $\pm$ 19.234 χ^2/NDF : 0.0/2

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

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

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

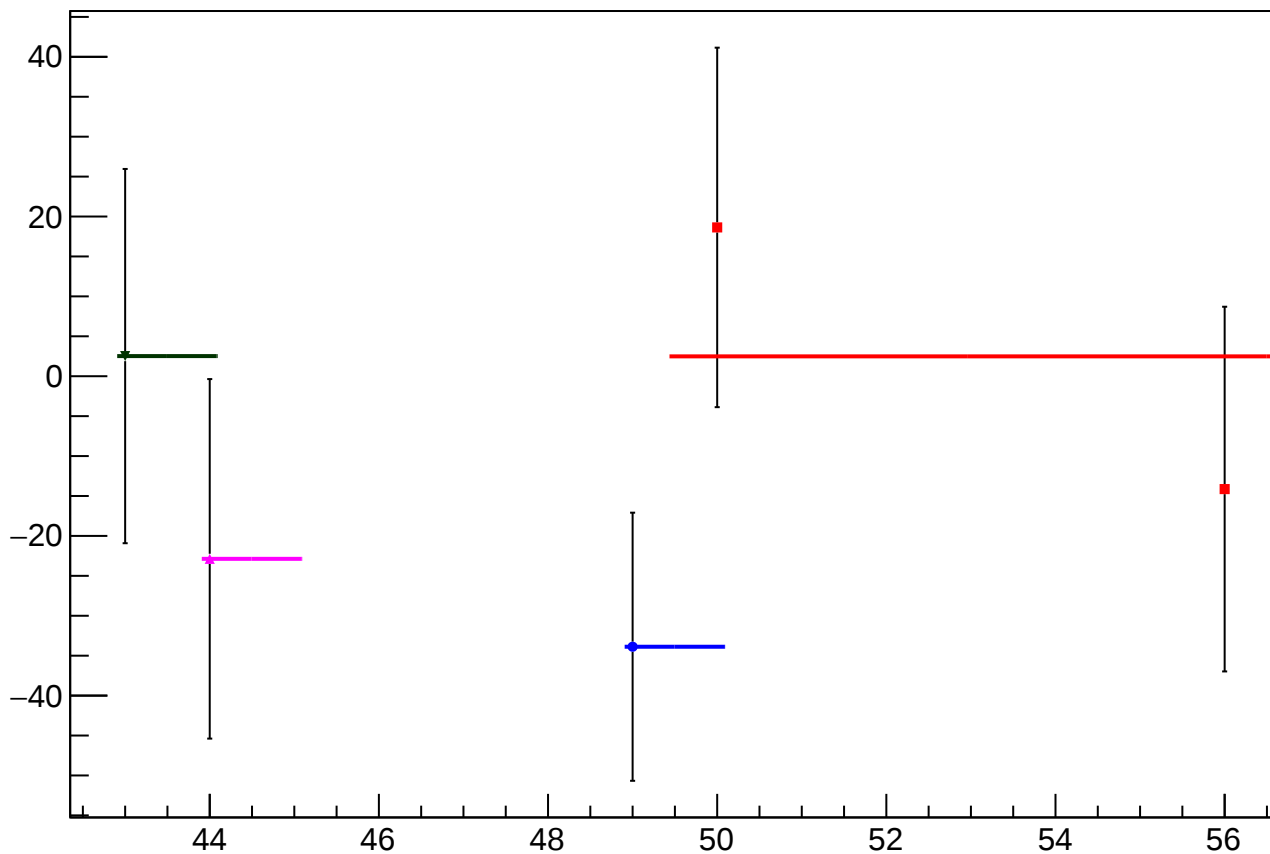
Right Out: 22.494 $\pm$ 0.016 χ^2/NDF : 27948.4/1

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

25.412 $\pm$ 0.015 χ^2/NDF : 261.7/1

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

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

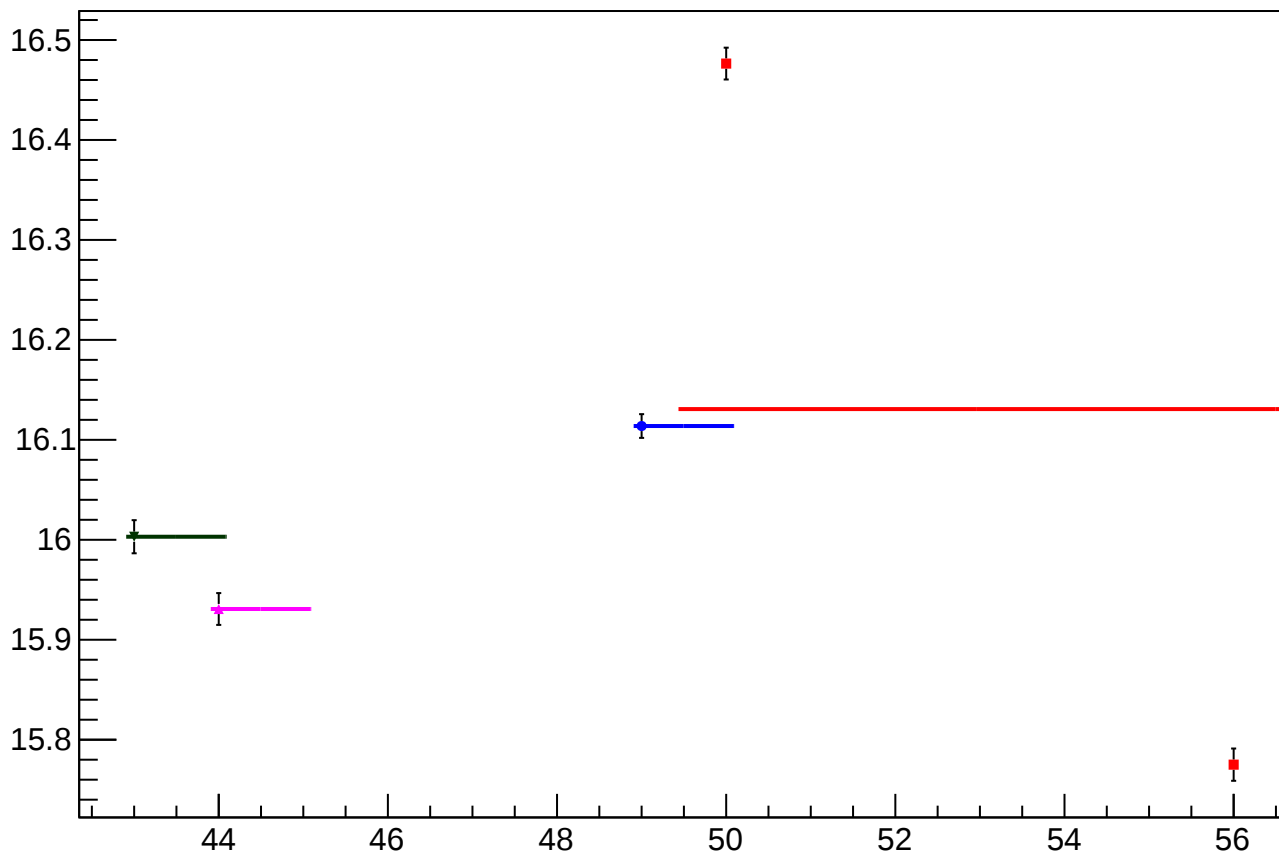
Right Out: 2.486 $\pm$ 16.032 χ^2/NDF : 1.0/1

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

-21.534 $\pm$ 13.649 χ^2/NDF : 1.6/1

-6.046 $\pm$ 13.059 χ^2/NDF : 1.9/2

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.114 $\pm$ 0.012 χ^2 /NDF: 0.0/0

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

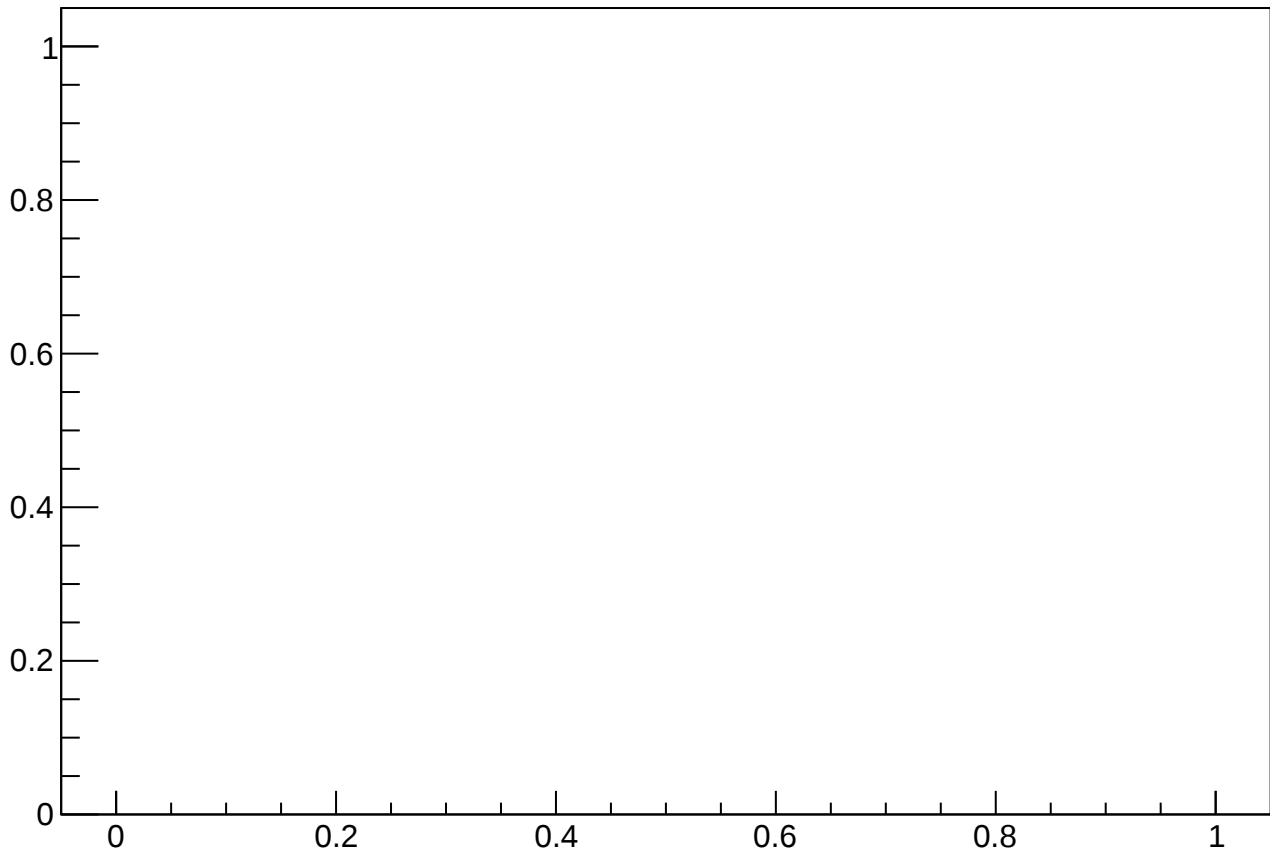
Right Out: 16.131 $\pm$ 0.011 χ^2 /NDF: 956.8/1

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

16.076 $\pm$ 0.010 χ^2 /NDF: 29.5/1

16.063 $\pm$ 0.009 χ^2 /NDF: 1061.5/2

bcm_dg_ds_ds3_dd_mean vs slug



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

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

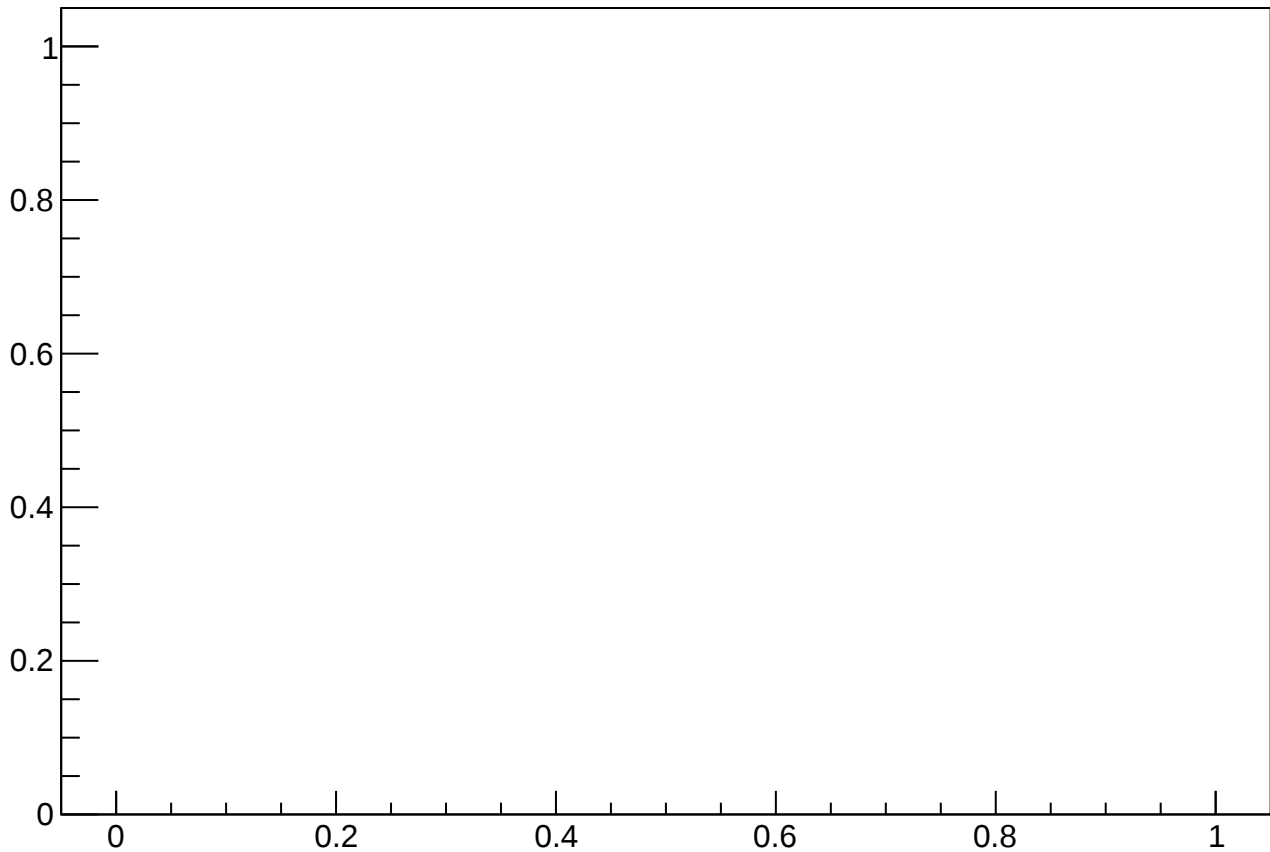
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

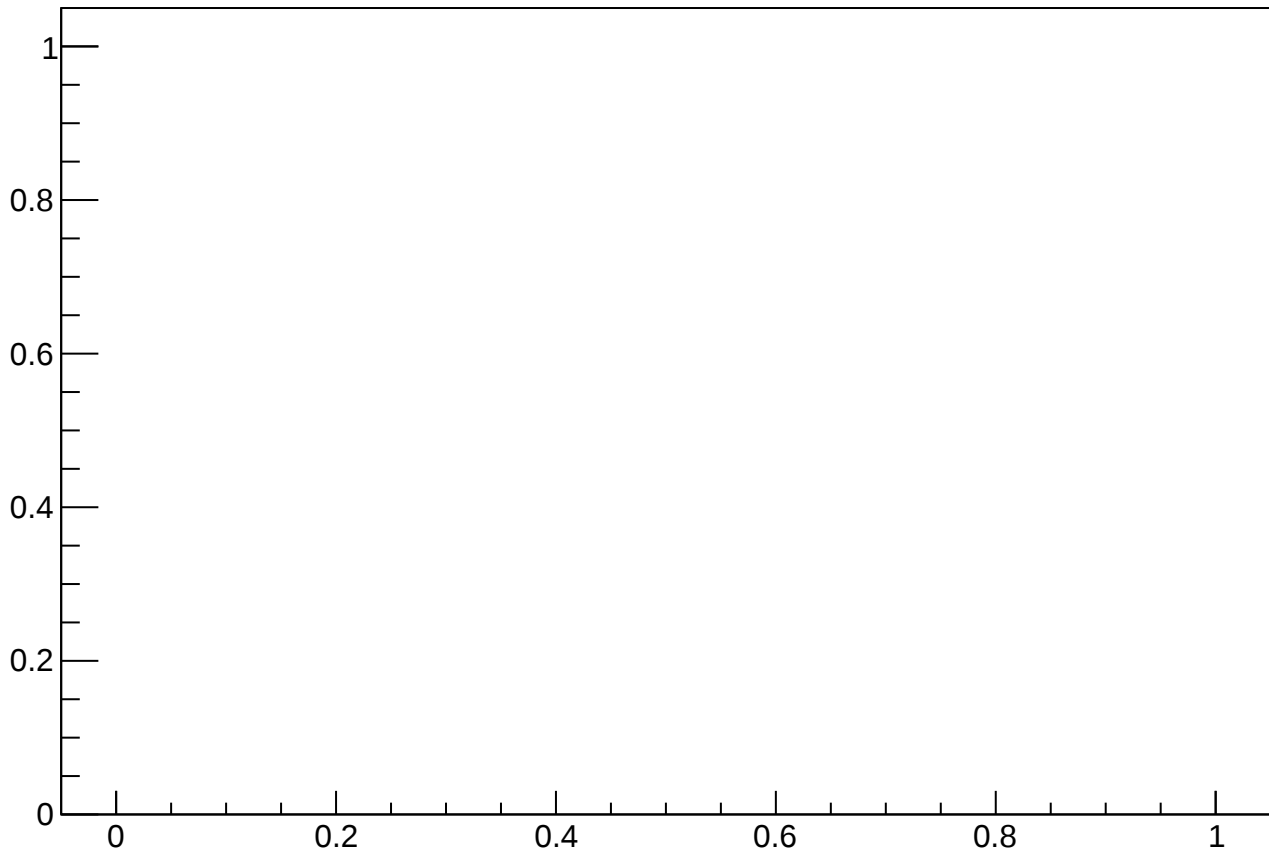
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

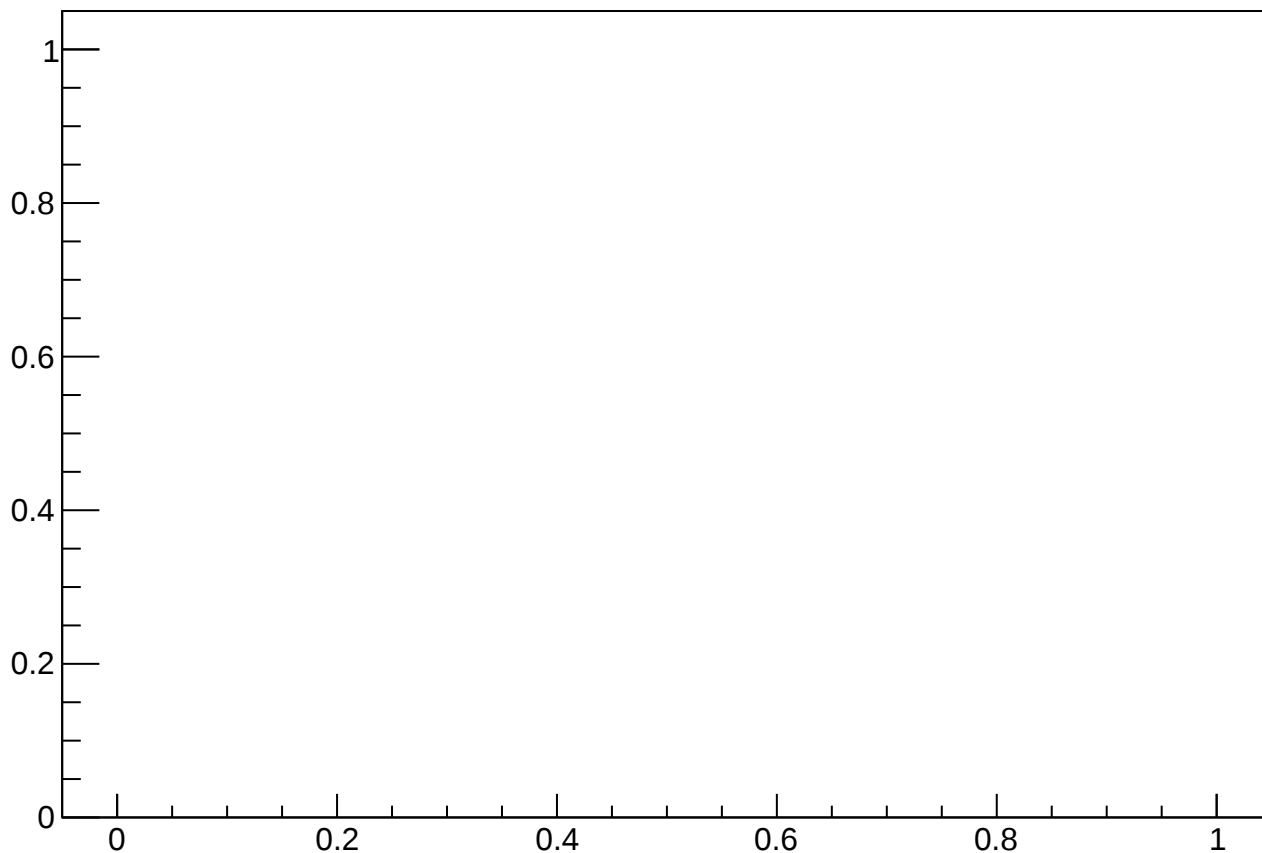
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_rms vs slug



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

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

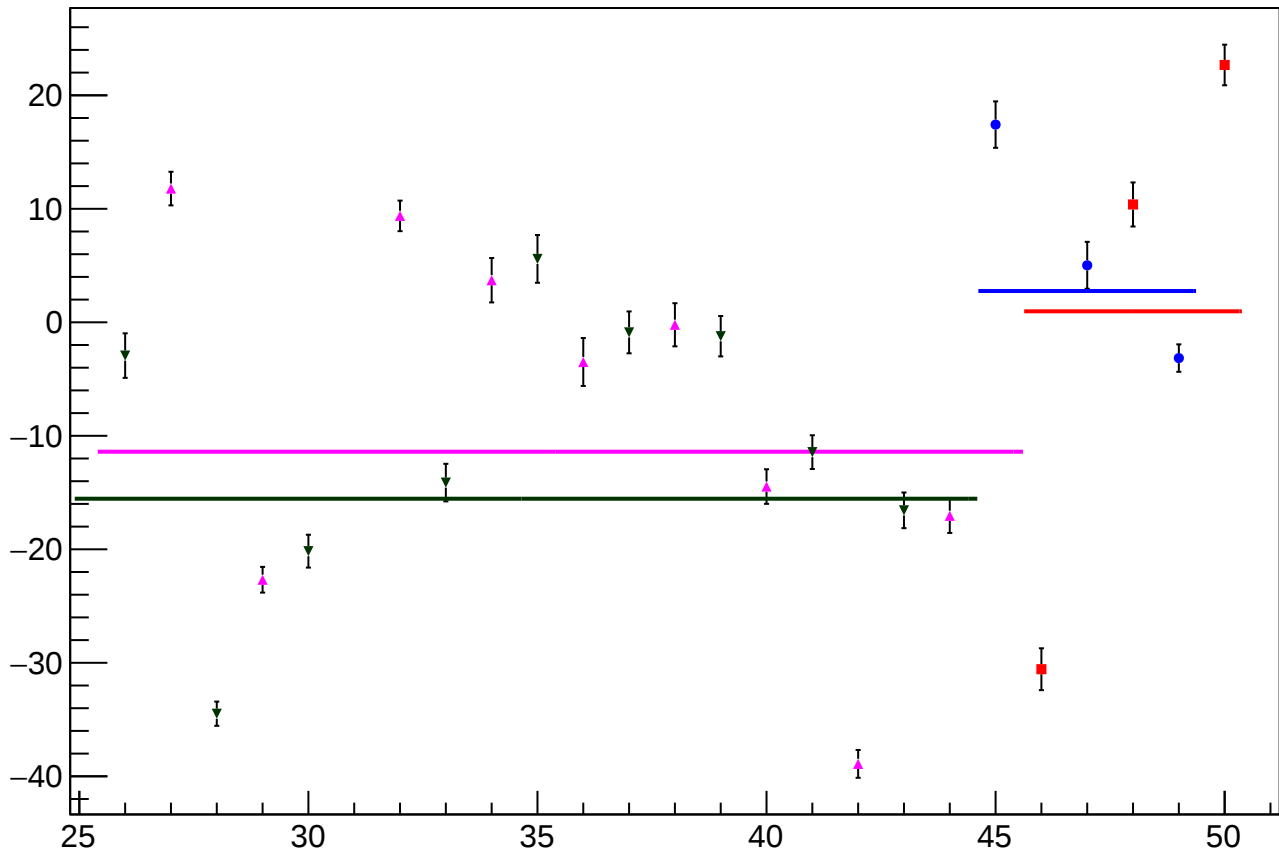
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: 2.758 $\pm$ 0.930 χ^2 /NDF: 76.5/2

-11.160 $\pm$ 0.455 χ^2 /NDF: 975.3/11

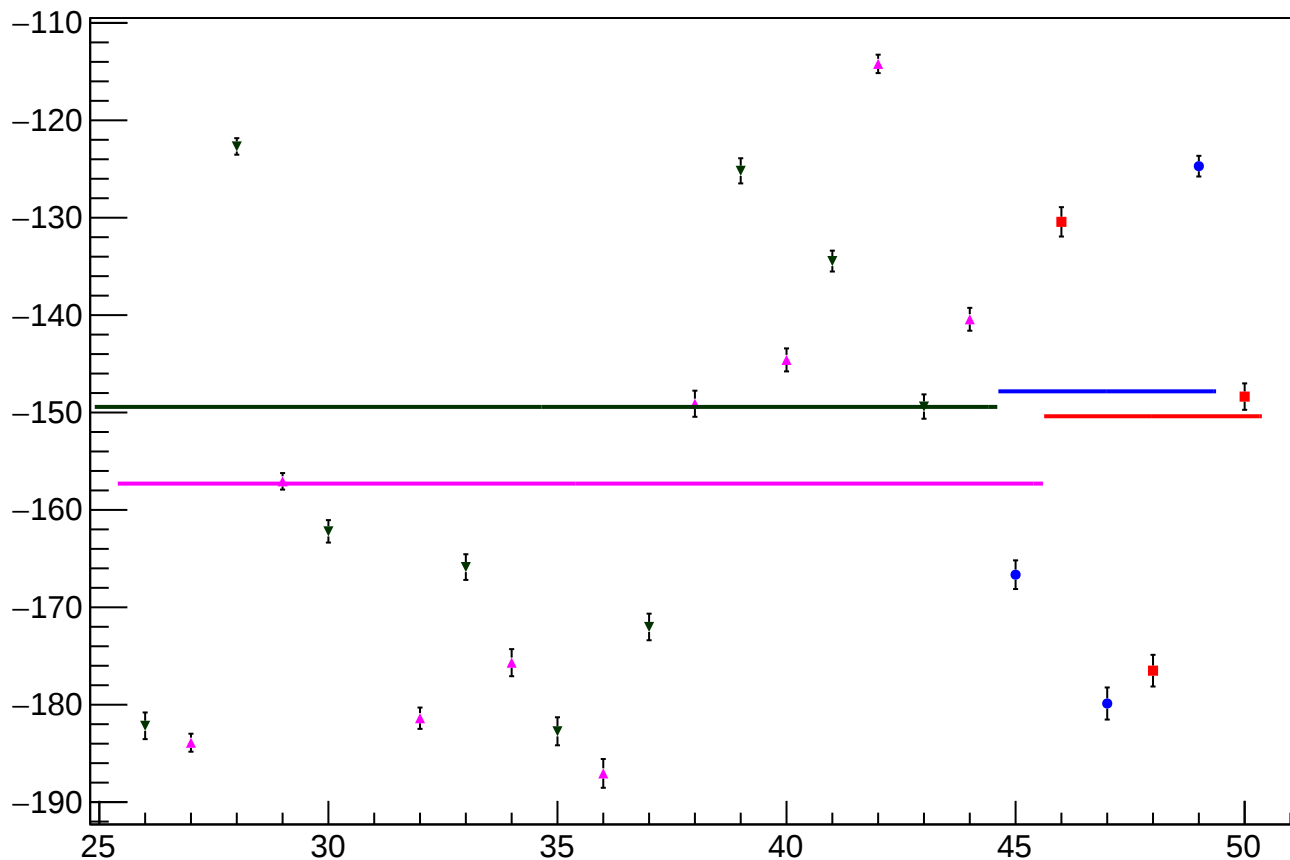
Left Out: -15.543 $\pm$ 0.522 χ^2 /NDF: 604.1/8

-9.223 $\pm$ 0.449 χ^2 /NDF: 1784.9/11

Right Out: 0.969 $\pm$ 1.071 χ^2 /NDF: 463.3/2

Left In: -11.401 $\pm$ 0.495 χ^2 /NDF: 1211.6/8

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

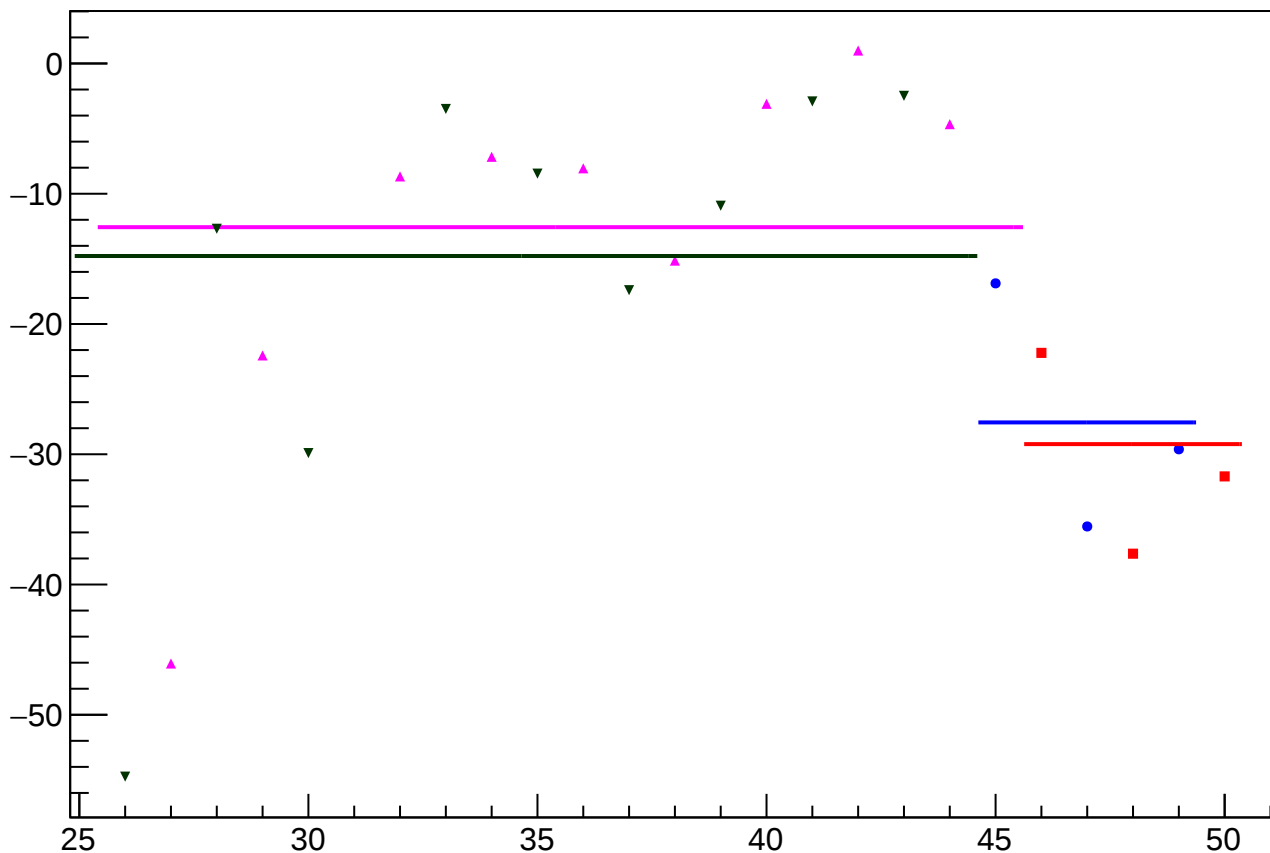
Right Out: -150.384+/-0.857 χ^2/NDF : 435.5/2

Left In: -157.298+/-0.365 χ^2/NDF :4330.4/8

-149.085+/-0.351 χ^2/NDF : 4219.5/11

-156.234+/-0.336 χ^2/NDF : 4820.9/11

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -27.555 $\pm$ 0.170 χ^2 /NDF: 1676.8/2

Left Out: -14.780 $\pm$ 0.088 χ^2 /NDF: 26305.9/8

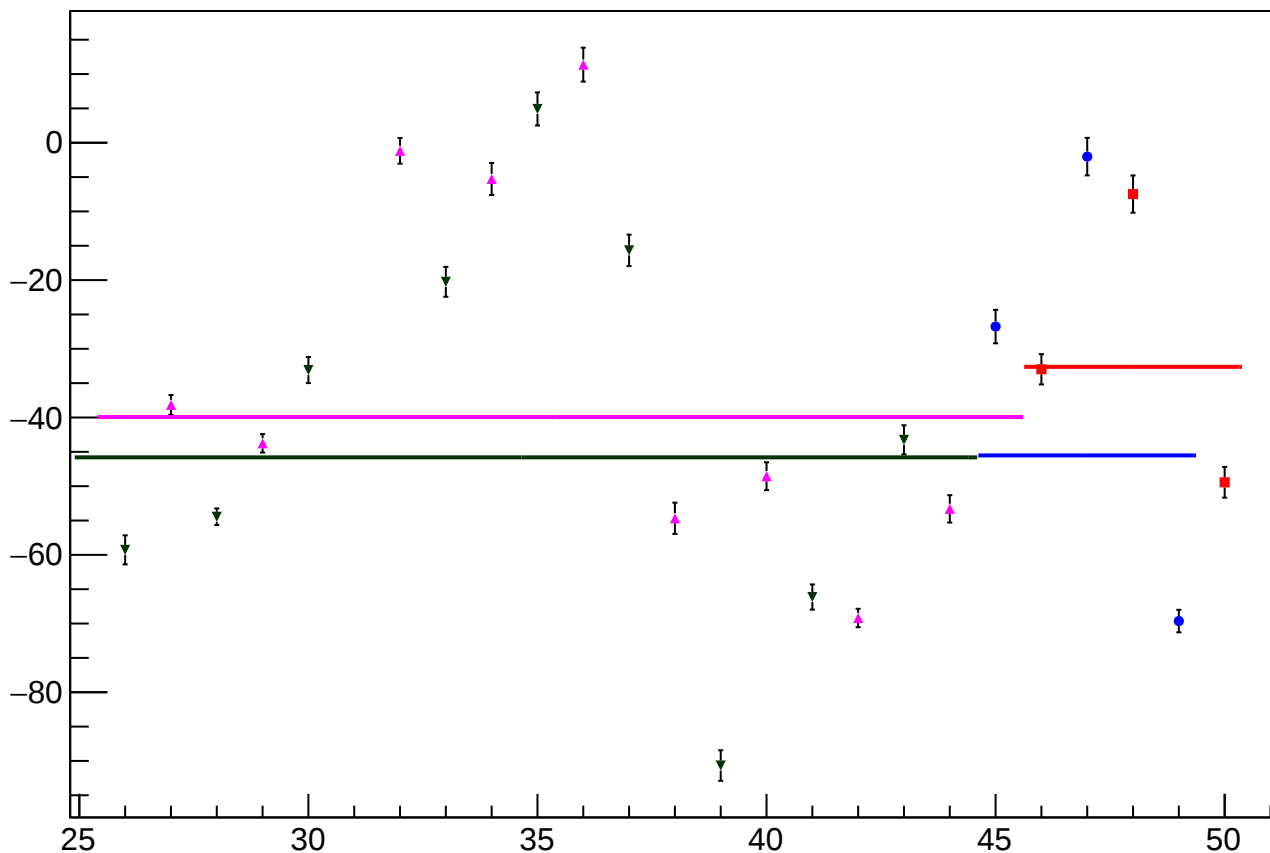
Right Out: -29.221 $\pm$ 0.185 χ^2 /NDF: 1246.3/2

Left In: -12.566 $\pm$ 0.085 χ^2 /NDF: 25284.3/8

-17.497 $\pm$ 0.078 χ^2 /NDF: 32426.6/11

-15.484 $\pm$ 0.077 χ^2 /NDF: 33225.2/11

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -45.525 $\pm$ 1.217 χ^2 /NDF: 529.7/2

Left Out: -45.805 $\pm$ 0.636 χ^2 /NDF:1422.6/8

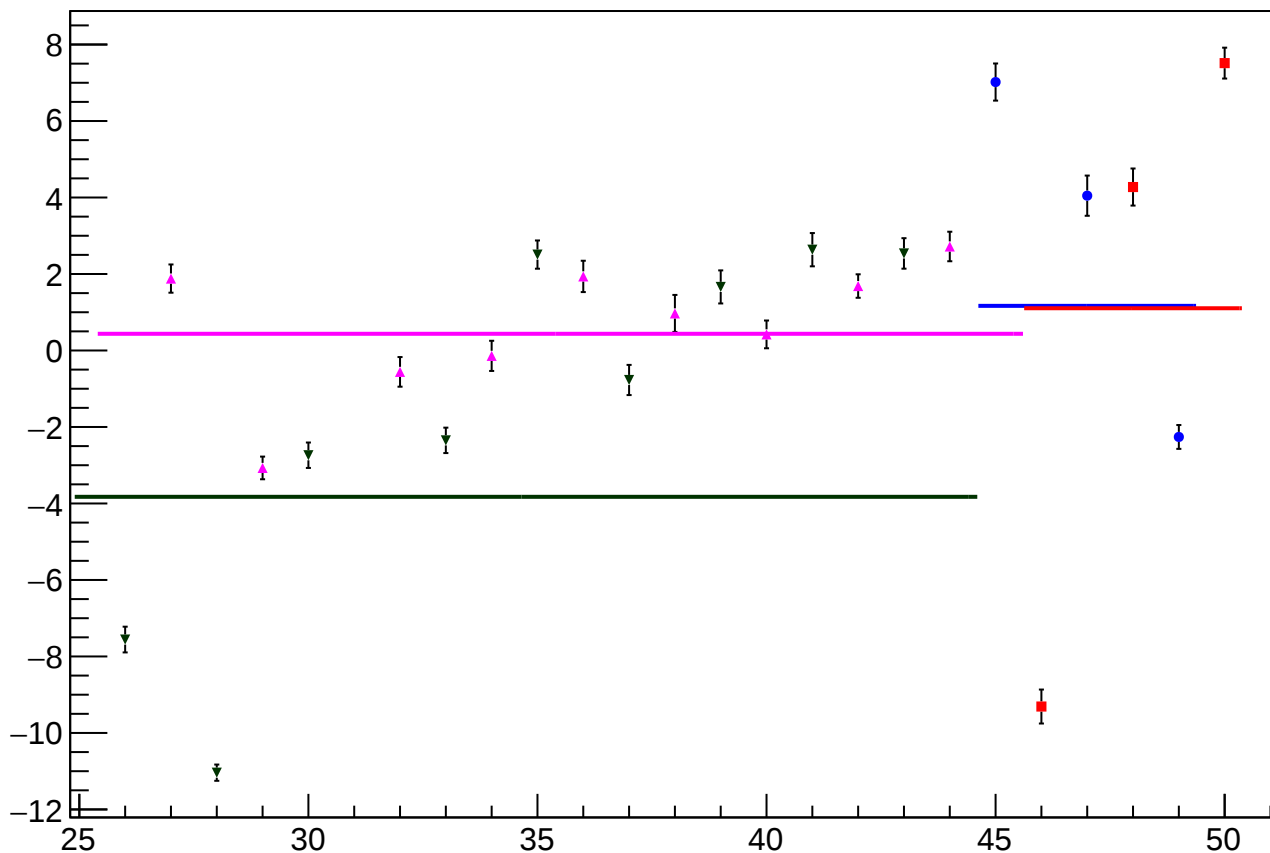
Right Out: -32.629 $\pm$ 1.359 χ^2 /NDF: 142.7/2

Left In: -39.933 $\pm$ 0.586 χ^2 /NDF:1674.5/8

-45.745 $\pm$ 0.563 χ^2 /NDF: 1952.3/11

-38.788 $\pm$ 0.538 χ^2 /NDF: 1841.5/11

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

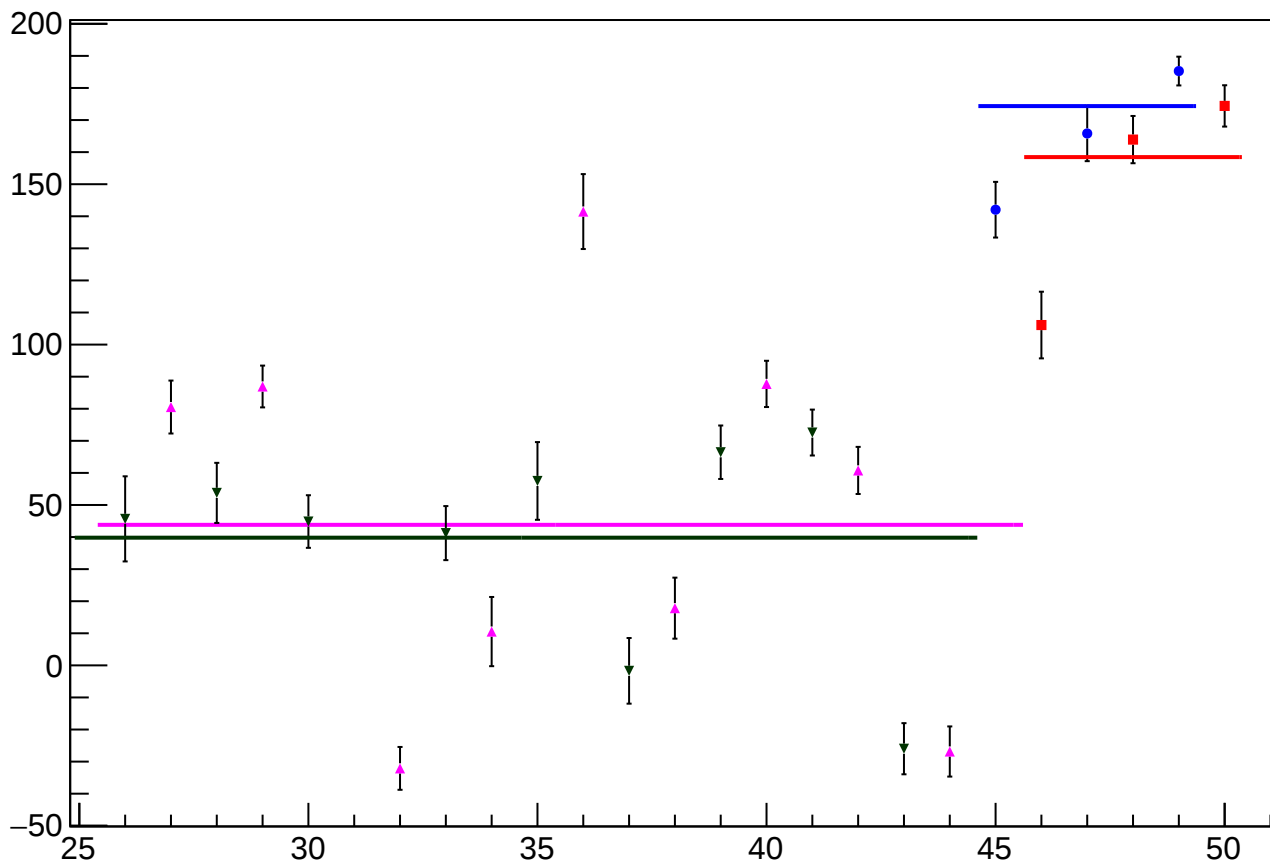
Right Out: 1.104 $\pm$ 0.254 χ^2 /NDF: 844.7/2

Left In: 0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-2.901 $\pm$ 0.101 χ^2 /NDF: 2962.5/11

0.562 $\pm$ 0.110 χ^2 /NDF: 1080.5/11

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

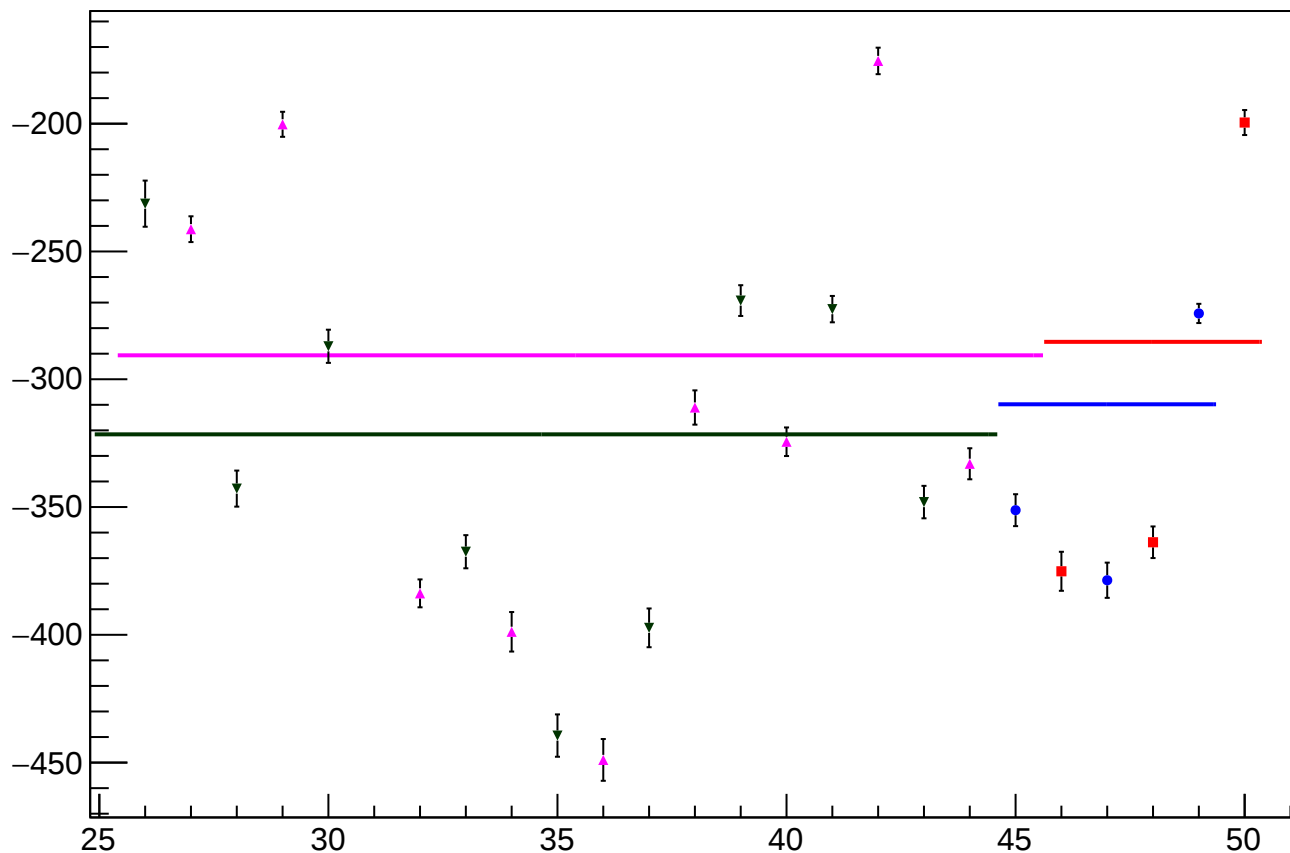
Right Out: 158.451 $\pm$ 4.395 χ^2 /NDF: 32.1/2

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

94.366 $\pm$ 2.303 χ^2 /NDF: 964.1/11

74.475 $\pm$ 2.273 χ^2 /NDF: 934.5/11

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

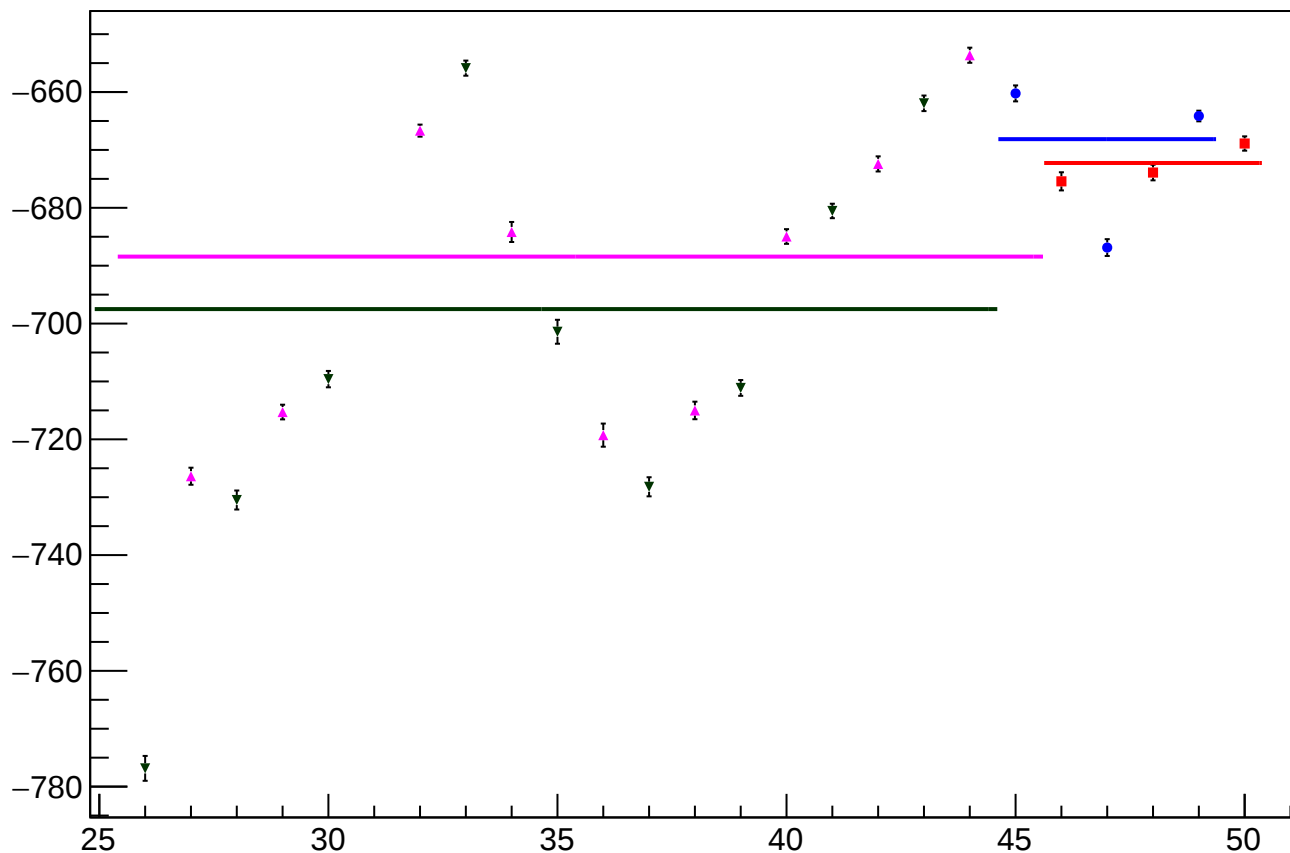
Right Out: -285.365+/-3.427 χ^2/NDF : 607.2/2

Left In: -290.636+/-1.943 χ^2/NDF : 1886.8/8

-317.234+/-1.770 χ^2/NDF : 916.0/11

-289.353+/-1.690 χ^2/NDF : 2495.8/11

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

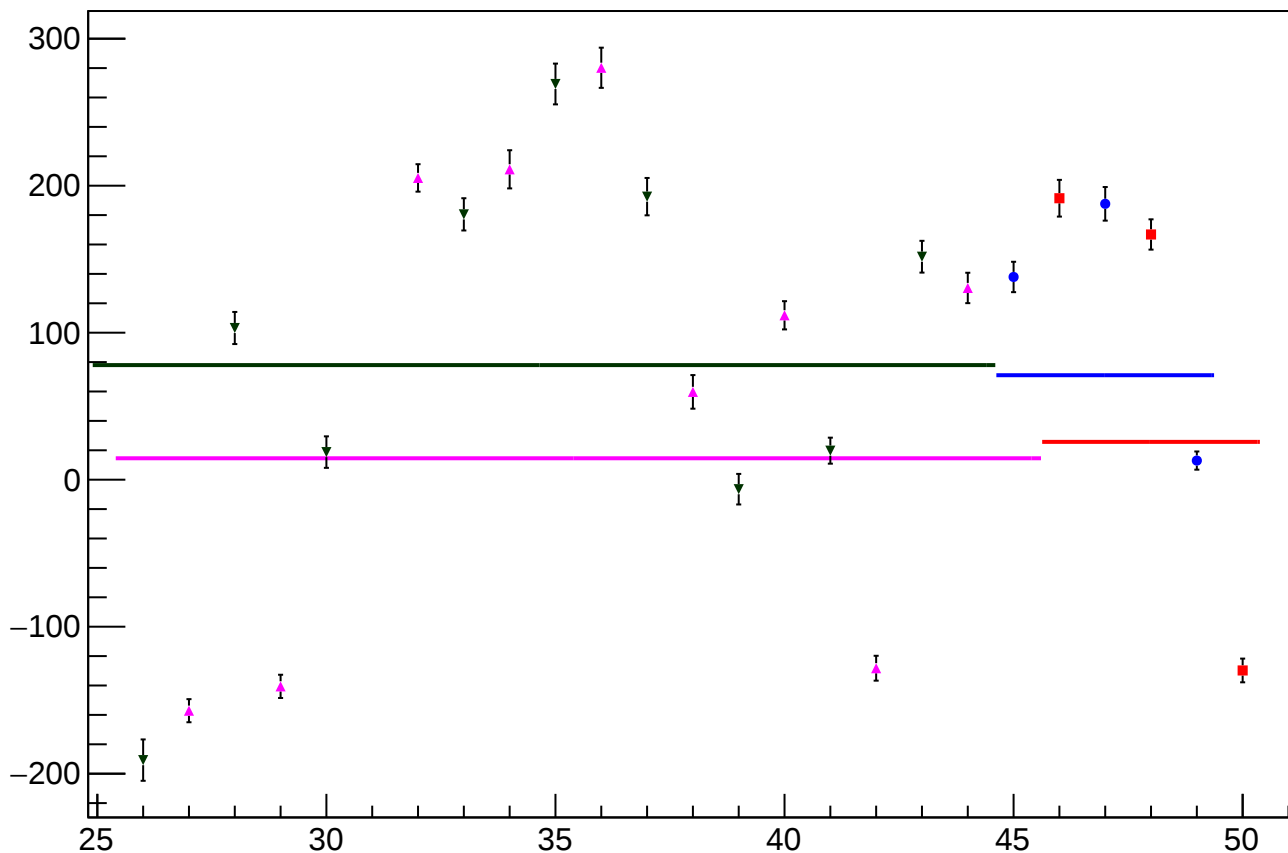
Right Out: -672.256+/-0.788 χ^2/NDF : 13.0/2

Left In: -688.429+/-0.456 χ^2/NDF : 2965.5/8

-687.162+/-0.402 χ^2/NDF : 5623.6/11

-684.372+/-0.394 χ^2/NDF : 3294.4/11

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

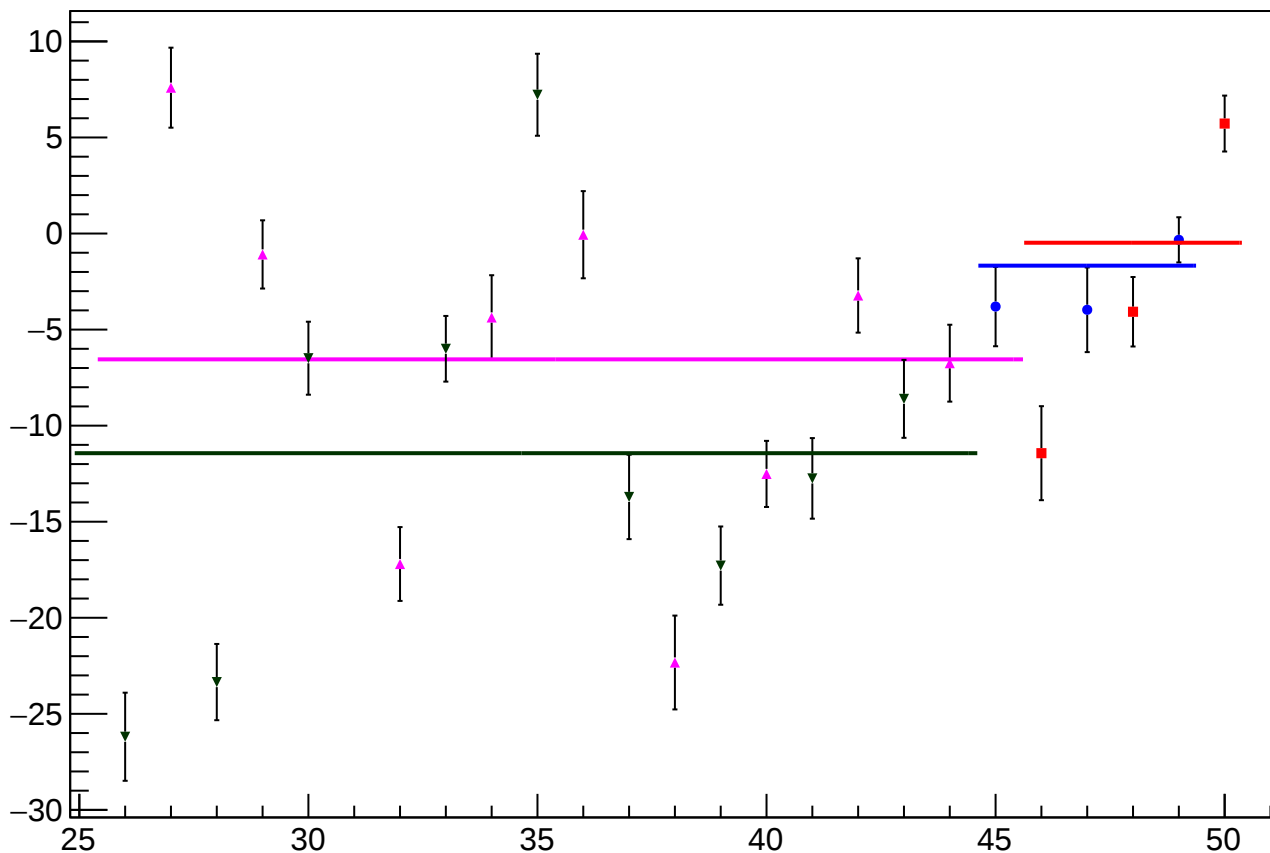
Right Out: 25.727+/-5.661 χ^2/NDF : 735.3/2

Left In: 14.568+/-3.215 χ^2/NDF : 2415.4/8

75.388+/-2.942 χ^2/NDF : 1150.2/11

17.289+/-2.795 χ^2/NDF : 3153.6/11

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 $\chi^2/\text{NDF}: 182.4/8$

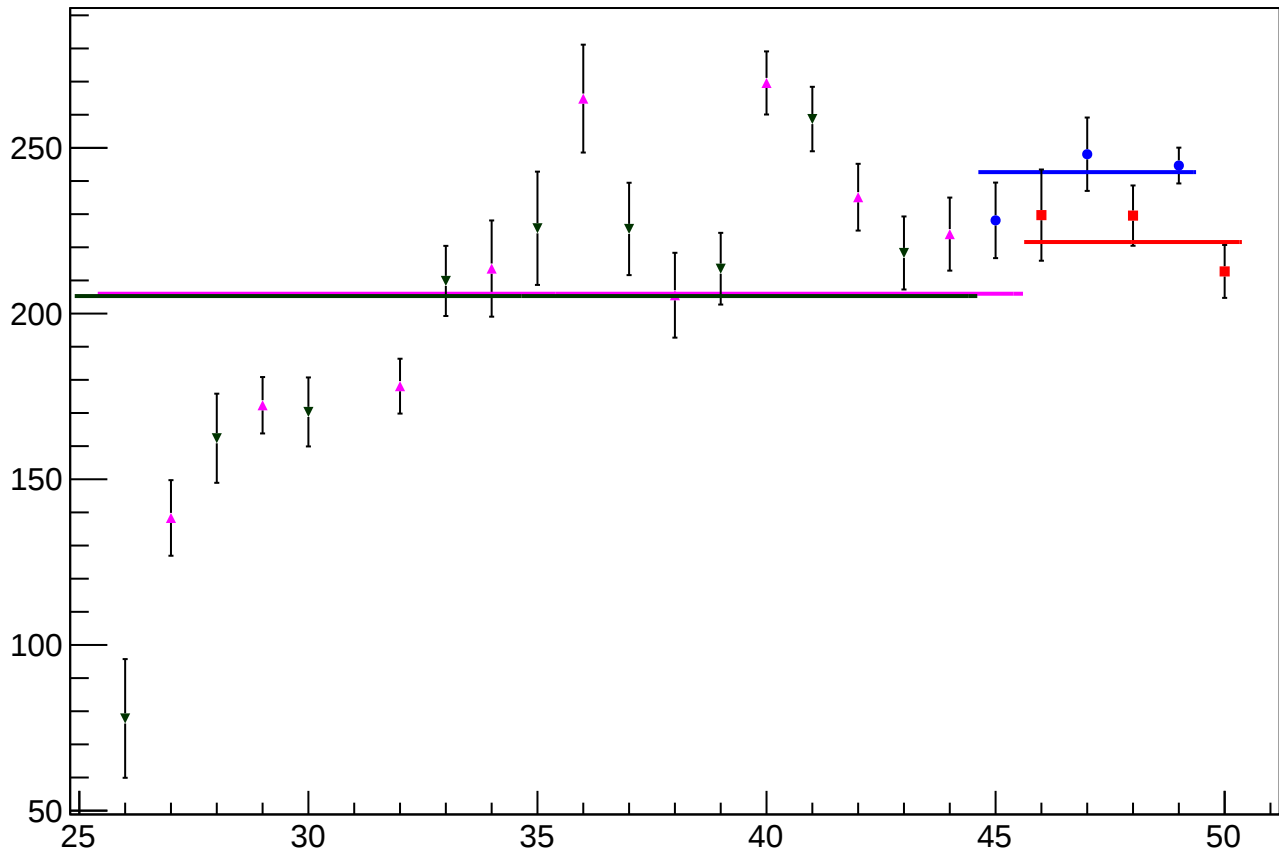
Right Out: -0.479 ± 1.029 $\chi^2/\text{NDF}: 42.2/2$

Left In: -6.549 ± 0.668 $\chi^2/\text{NDF}: 152.2/8$

-8.057 ± 0.545 $\chi^2/\text{NDF}: 258.4/11$

-4.750 ± 0.560 $\chi^2/\text{NDF}: 218.8/11$

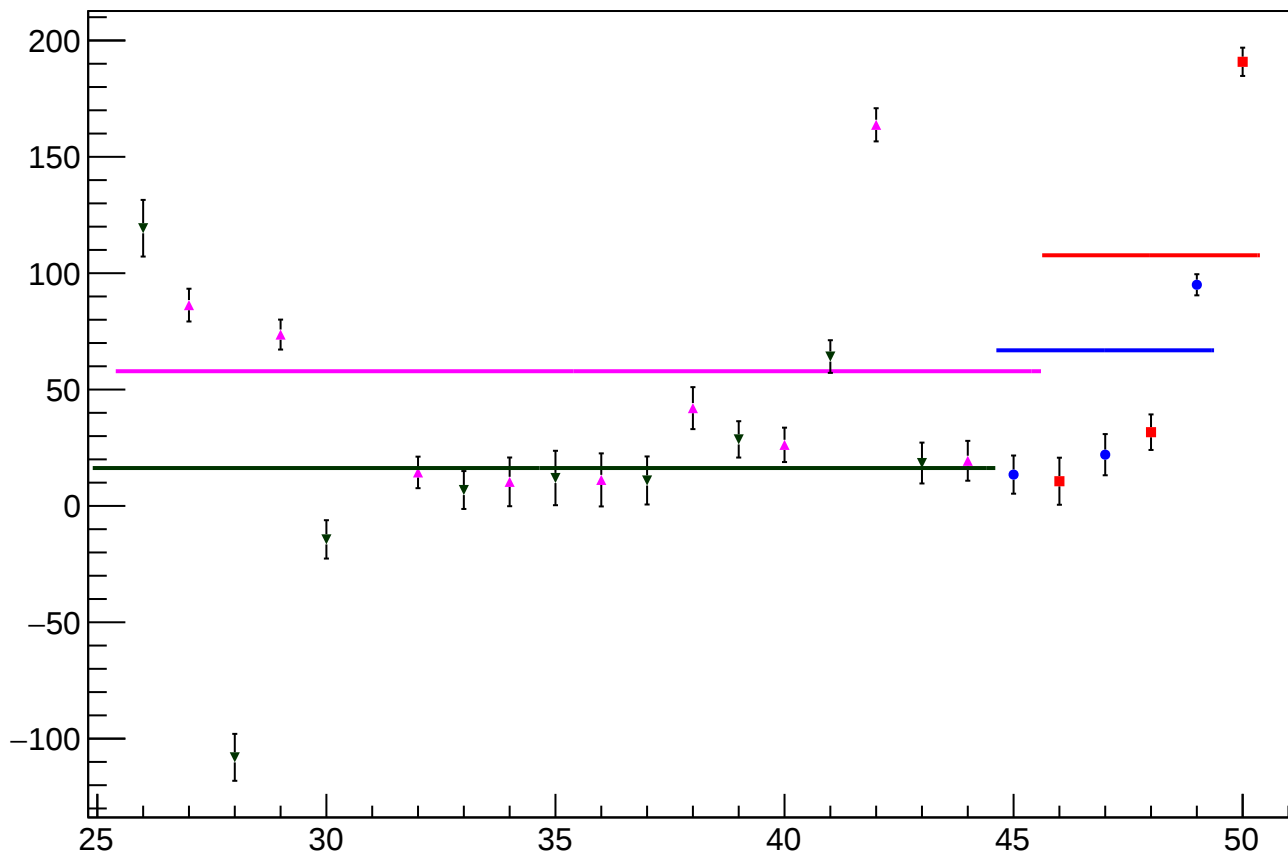
reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 242.685 ± 4.467 χ^2/NDF : 2.0/2
 Left Out: 205.287 ± 3.993 χ^2/NDF : 108.0/8
 Right Out: 221.591 ± 5.500 χ^2/NDF : 2.4/2
 Left In: 205.988 ± 3.539 χ^2/NDF : 131.2/8

221.898 ± 2.977 χ^2/NDF : 148.9/11
 210.556 ± 2.976 χ^2/NDF : 139.2/11

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

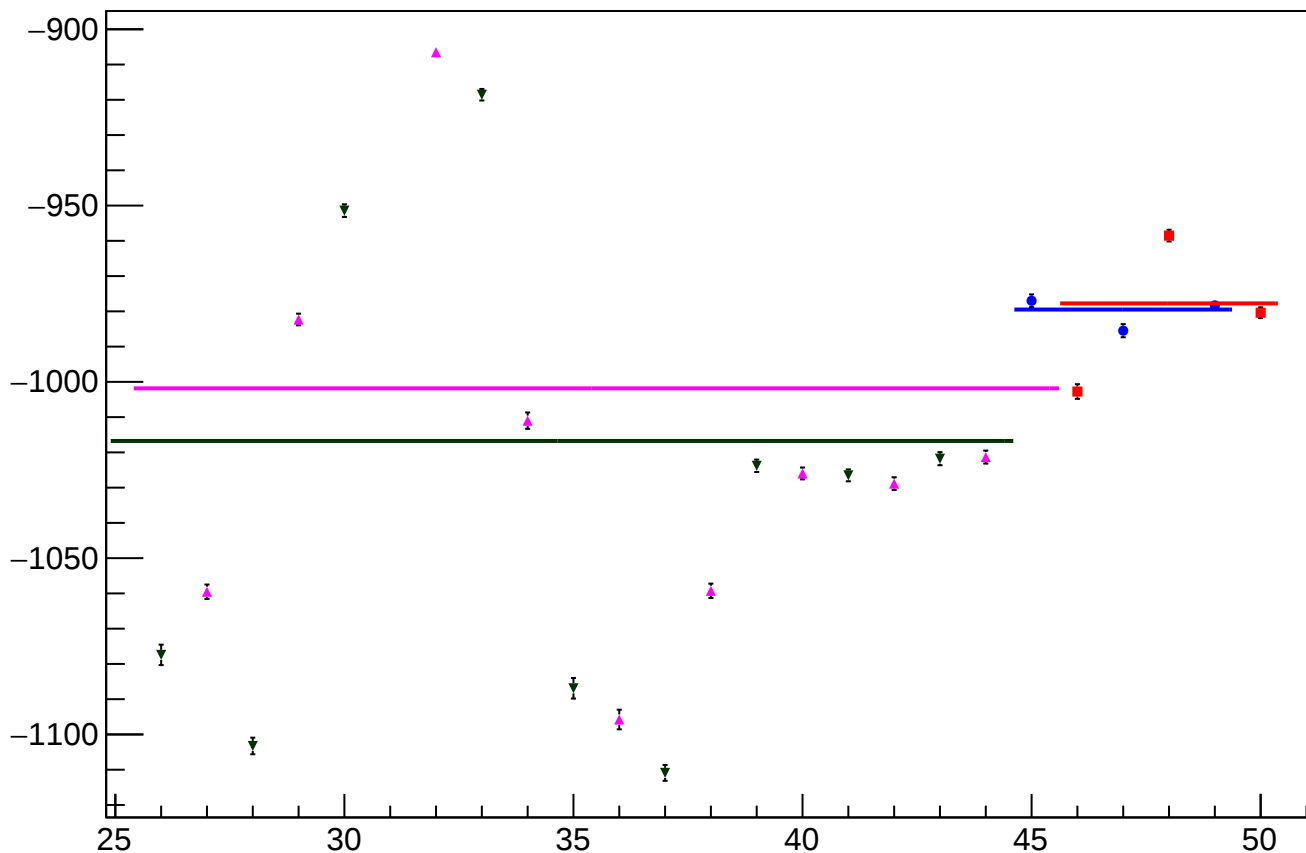
Right Out: 107.697 $\pm$ 4.303 χ^2 /NDF: 378.5/2

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF: 363.5/8

36.668 $\pm$ 2.300 χ^2 /NDF: 511.4/11

71.274 $\pm$ 2.231 χ^2 /NDF: 840.0/11

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -979.488 $\pm$ 0.845 χ^2/NDF : 13.4/2

Left Out: -1016.757 $\pm$ 0.666 χ^2/NDF : 9085.0/8

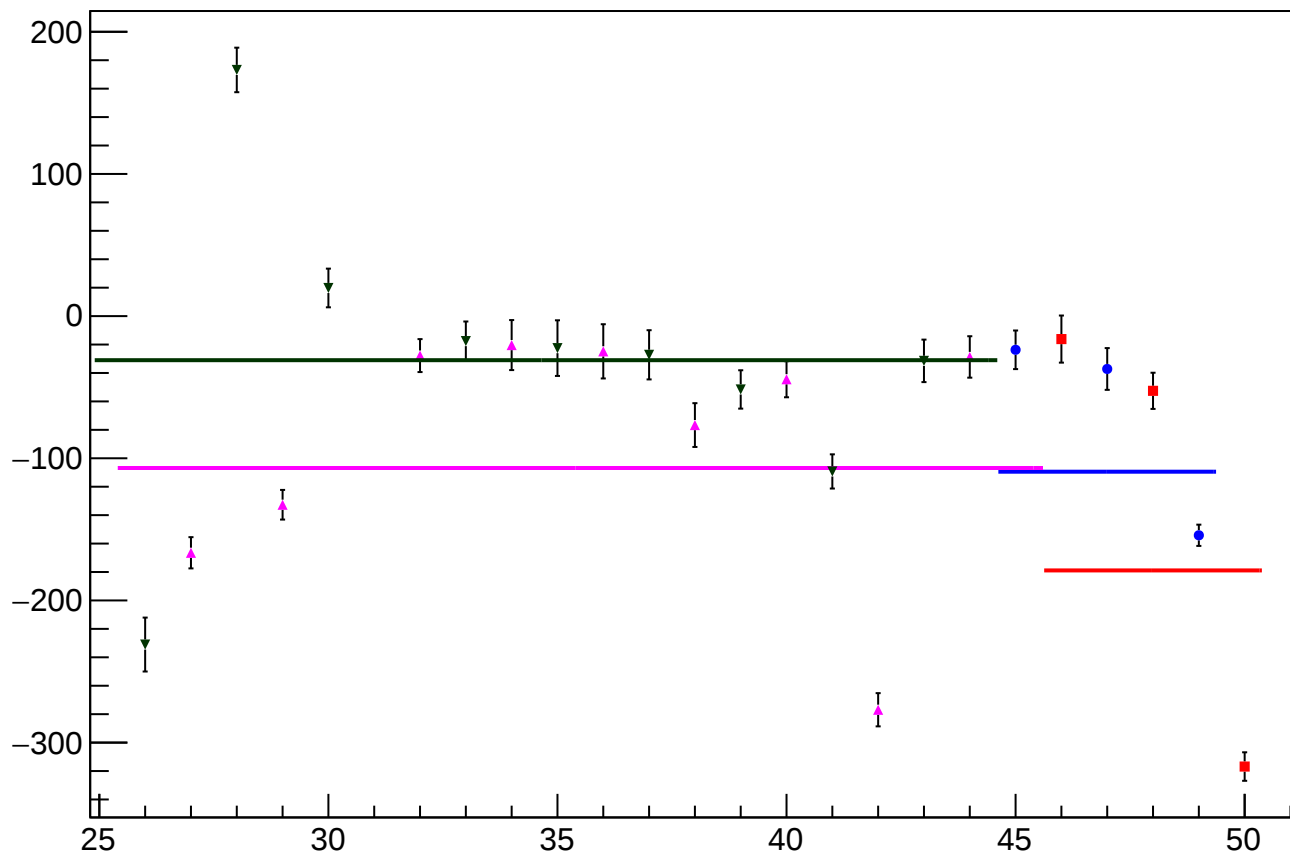
Right Out: -977.750 $\pm$ 0.991 χ^2/NDF : 281.4/2

Left In: -1001.844 $\pm$ 0.607 χ^2/NDF : 8875.1/8

-1002.471 $\pm$ 0.523 χ^2/NDF : 10297.8/11

-995.275 $\pm$ 0.517 χ^2/NDF : 9586.7/11

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

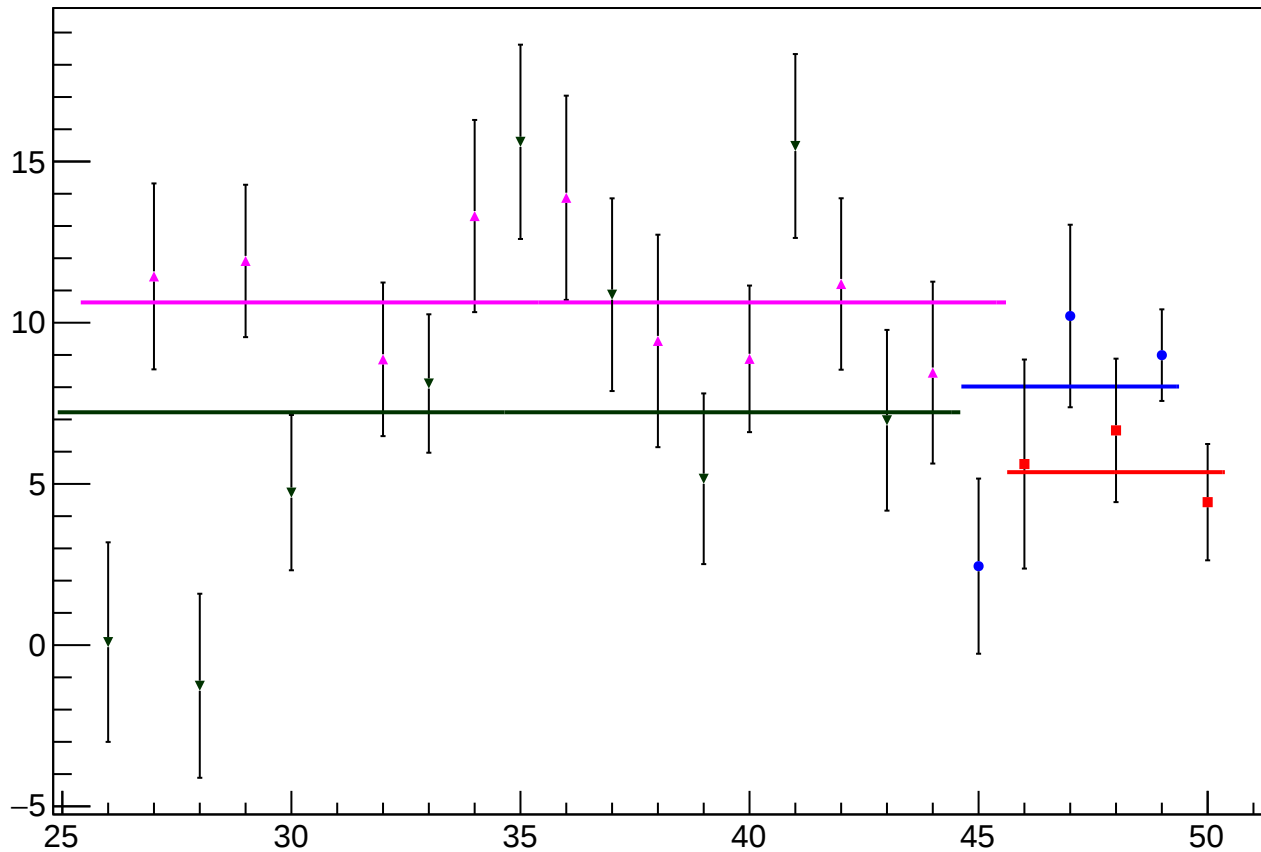
Right Out: -178.886 ± 7.112 χ^2/NDF : 384.4/2

Left In: -106.838 ± 4.330 χ^2/NDF : 393.2/8

-63.099 ± 3.826 χ^2/NDF : 542.4/11

-126.319 ± 3.698 χ^2/NDF : 852.5/11

reg_asym_sam3_diff_bpm11X_slope vs slug

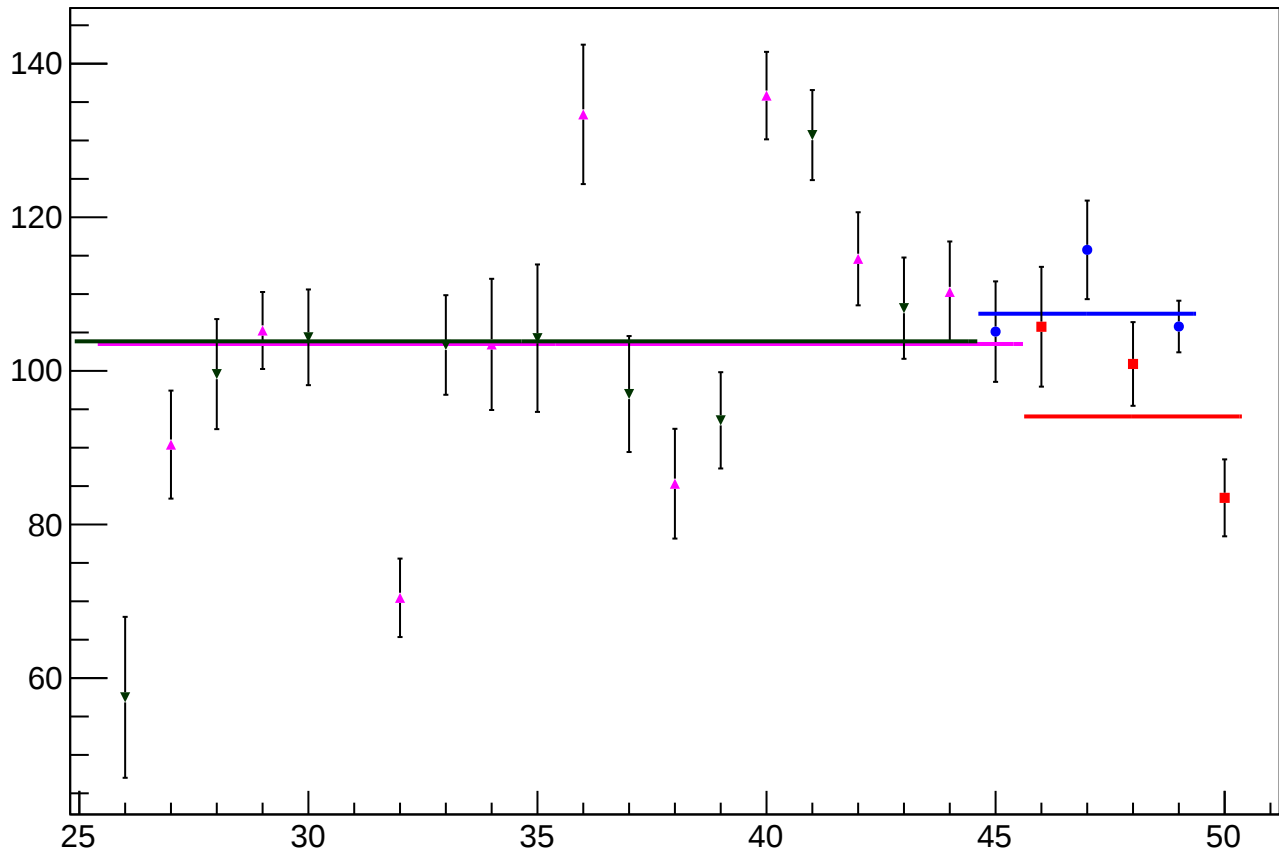


Right In: 8.021 ± 1.150 χ^2/NDF : 5.3/2
 Left Out: 7.222 ± 0.901 χ^2/NDF : 33.6/8
 Right Out: 5.365 ± 1.286 χ^2/NDF : 0.6/2
 Left In: 10.629 ± 0.898 χ^2/NDF : 4.1/8

7.526 ± 0.709 χ^2/NDF : 39.2/11

8.905 ± 0.736 χ^2/NDF : 16.0/11

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 107.443 $\pm$ 2.709 χ^2/NDF : 2.1/2

Left Out: 103.848 $\pm$ 2.331 χ^2/NDF : 44.9/8

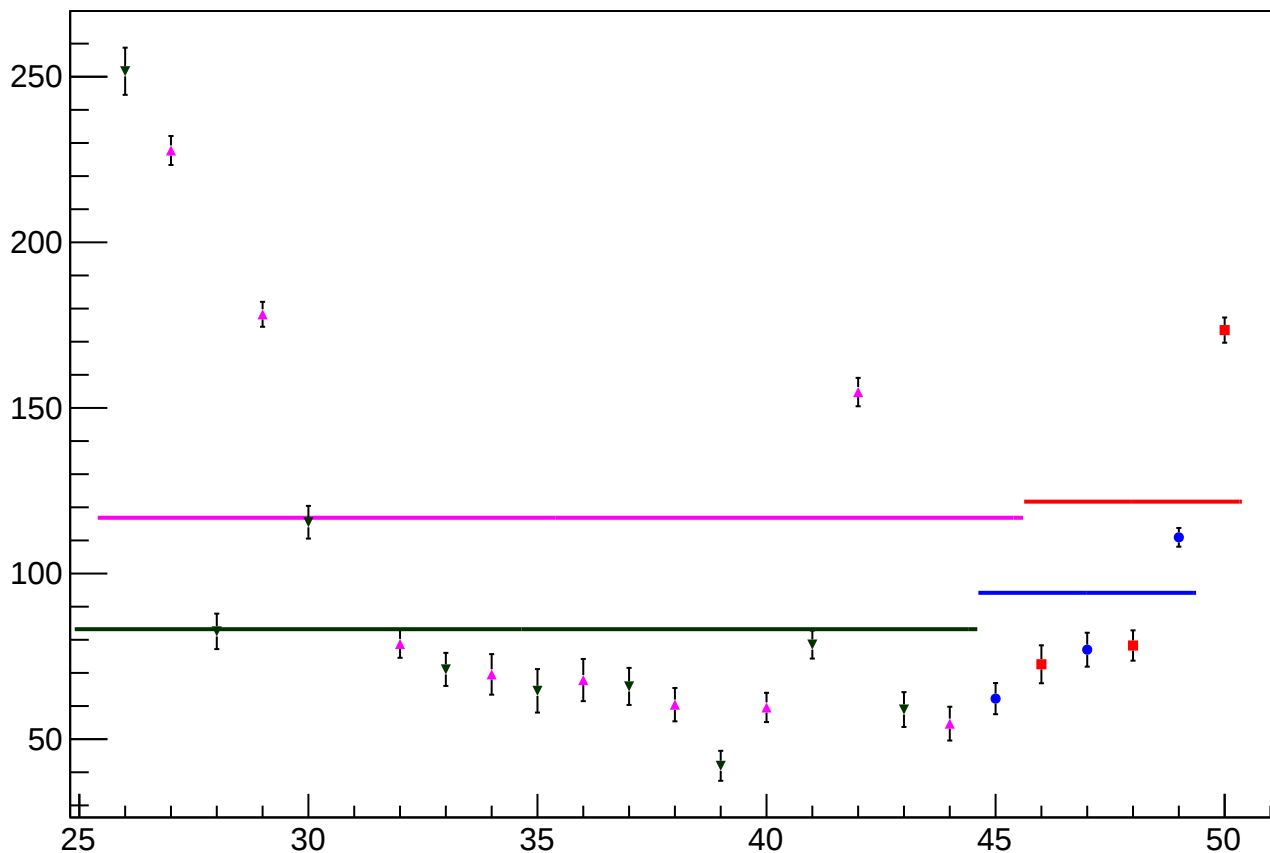
Right Out: 94.067 $\pm$ 3.334 χ^2/NDF : 8.3/2

Left In: 103.503 $\pm$ 2.108 χ^2/NDF : 99.4/8

105.377 $\pm$ 1.767 χ^2/NDF : 47.9/11

100.807 $\pm$ 1.782 χ^2/NDF : 113.5/11

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

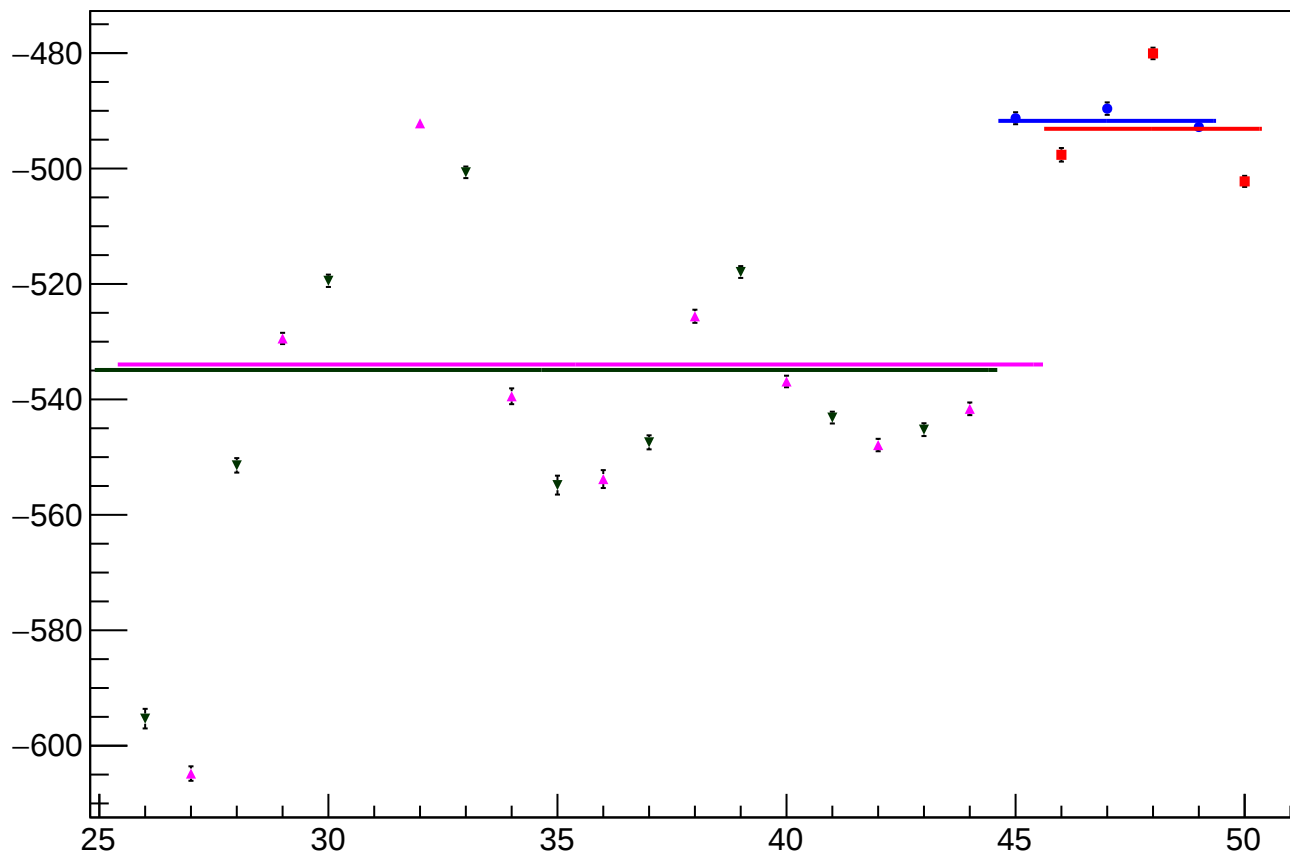
Right Out: 121.705 ± 2.607 χ^2/NDF : 348.4/2

Left In: 116.837 ± 1.553 χ^2/NDF : 1630.8/8

87.437 ± 1.360 χ^2/NDF : 839.3/11

118.112 ± 1.334 χ^2/NDF : 1981.8/11

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

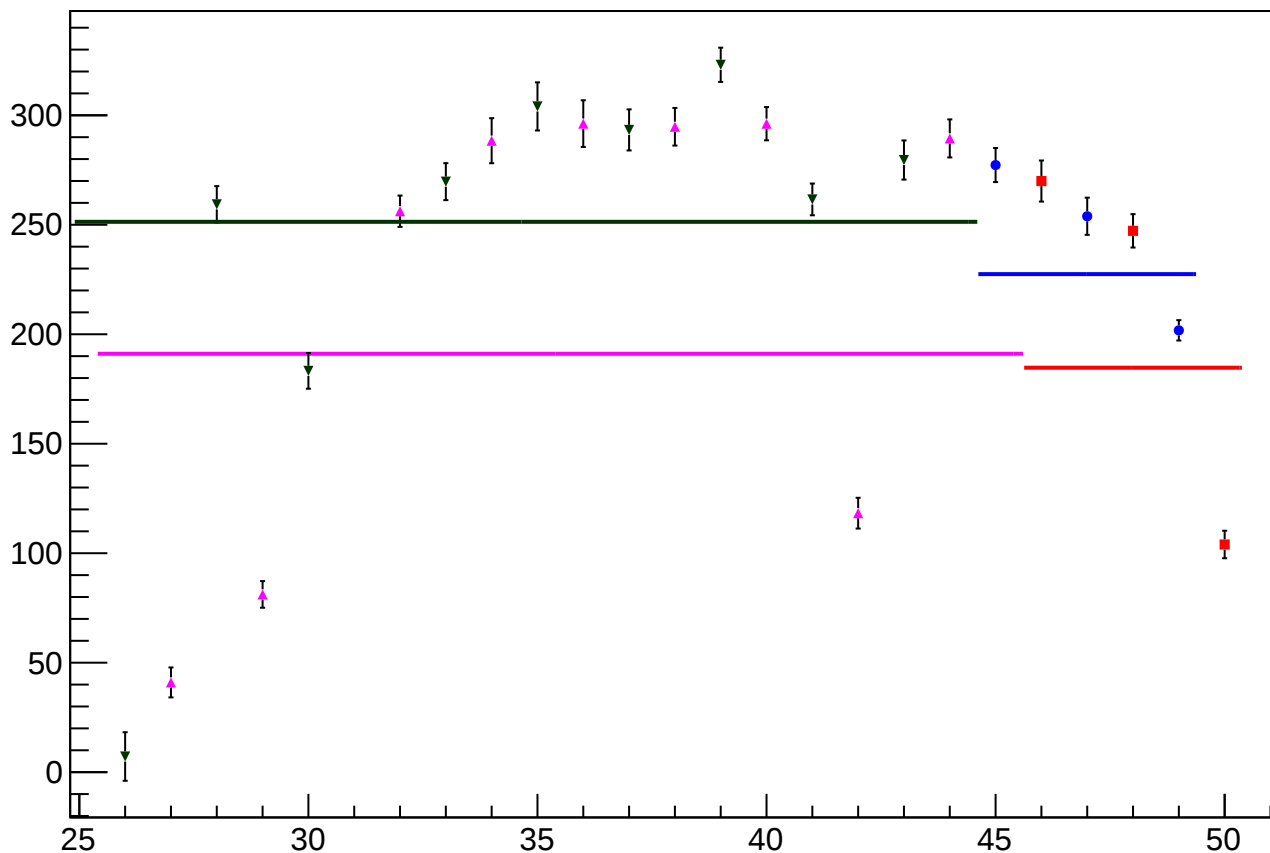
Right Out: -493.117+/-0.597 χ^2/NDF : 275.8/2

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-518.947+/-0.309 χ^2/NDF : 8047.5/11

-523.005+/-0.309 χ^2/NDF : 10147.6/11

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 227.462 ± 3.614 $\chi^2/NDF: 81.0/2$

Left Out: 251.350 ± 2.897 $\chi^2/NDF: 698.7/8$

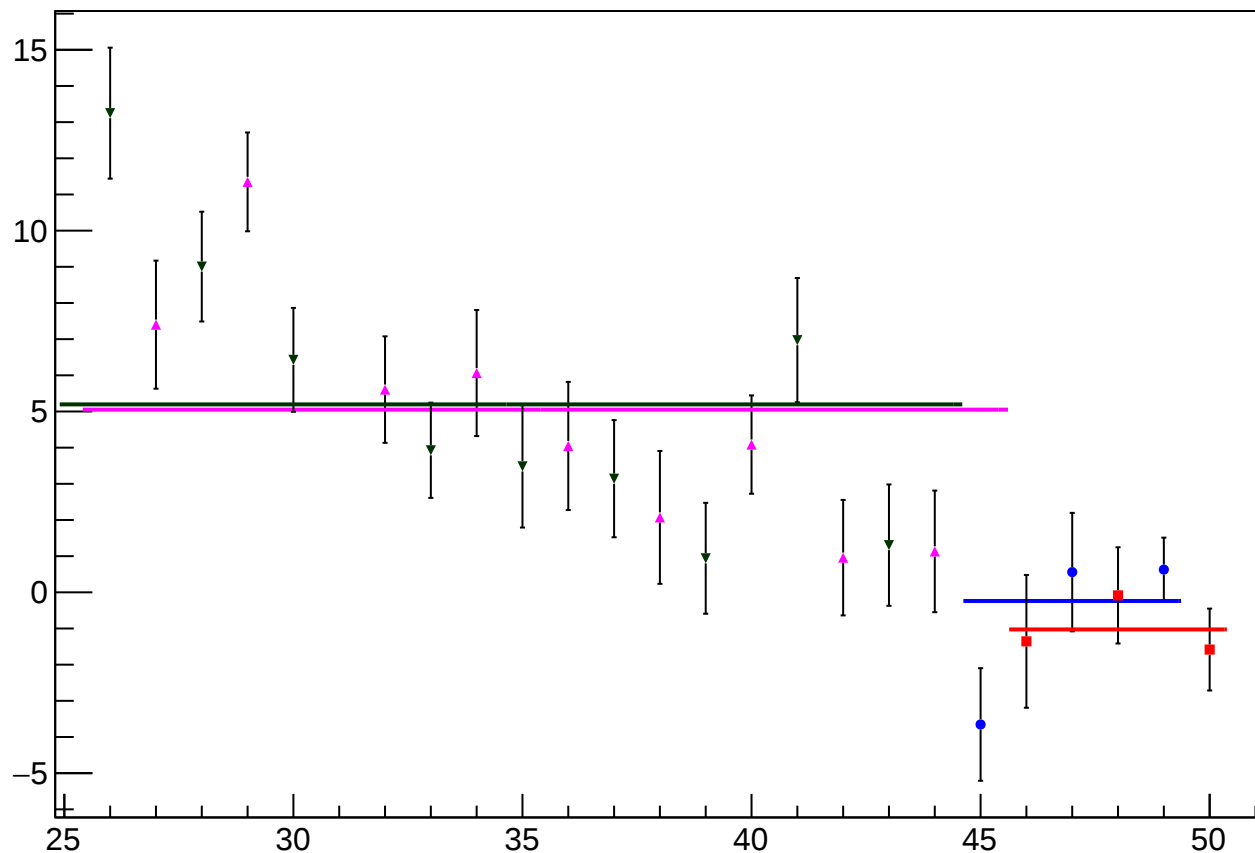
Right Out: 184.728 ± 4.307 $\chi^2/NDF: 314.9/2$

Left In: 191.089 ± 2.577 $\chi^2/NDF: 1650.2/8$

242.007 ± 2.260 $\chi^2/NDF: 806.4/11$

189.412 ± 2.211 $\chi^2/NDF: 1966.7/11$

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 $\chi^2/\text{NDF}: 44.5/8$

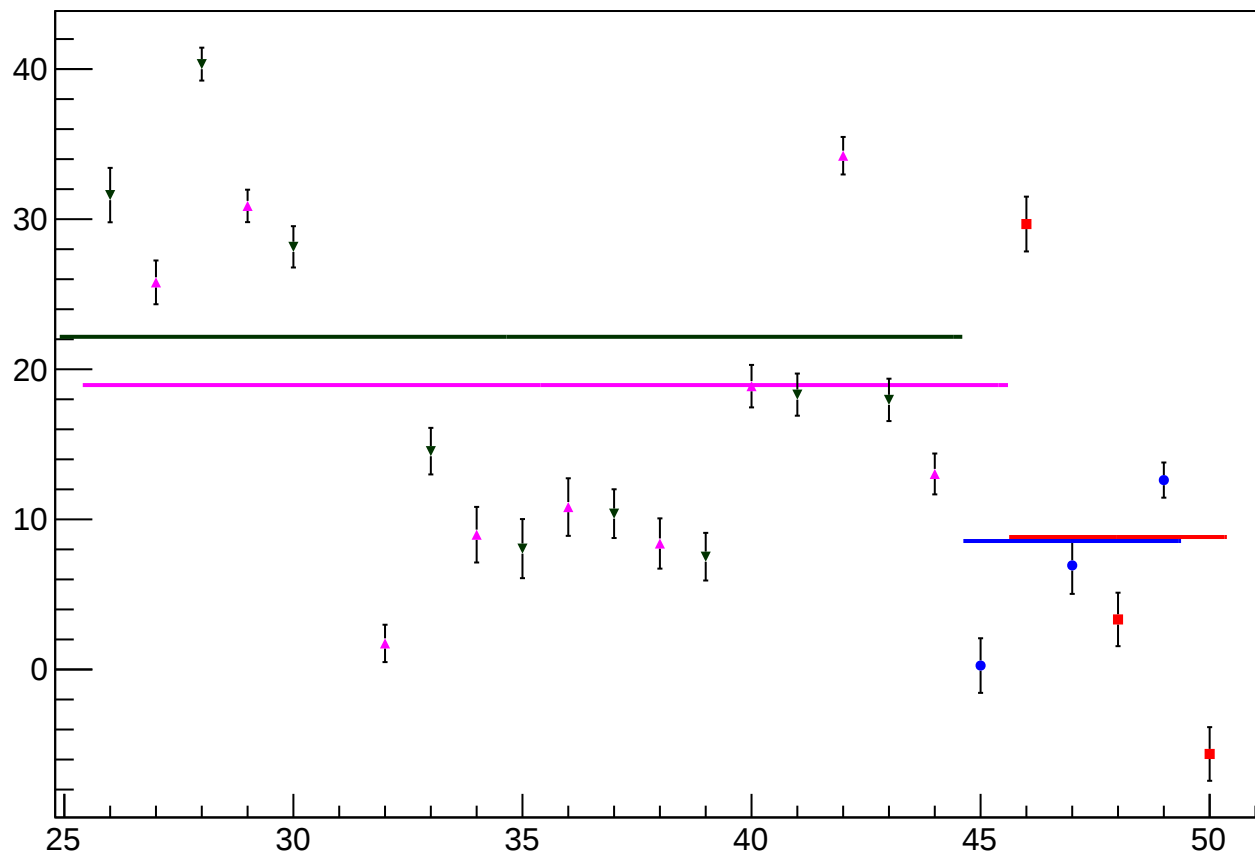
Right Out: -1.026 ± 0.780 $\chi^2/\text{NDF}: 0.8/2$

Left In: 5.051 ± 0.531 $\chi^2/\text{NDF}: 39.0/8$

3.232 ± 0.418 $\chi^2/\text{NDF}: 89.5/11$

3.128 ± 0.439 $\chi^2/\text{NDF}: 81.2/11$

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

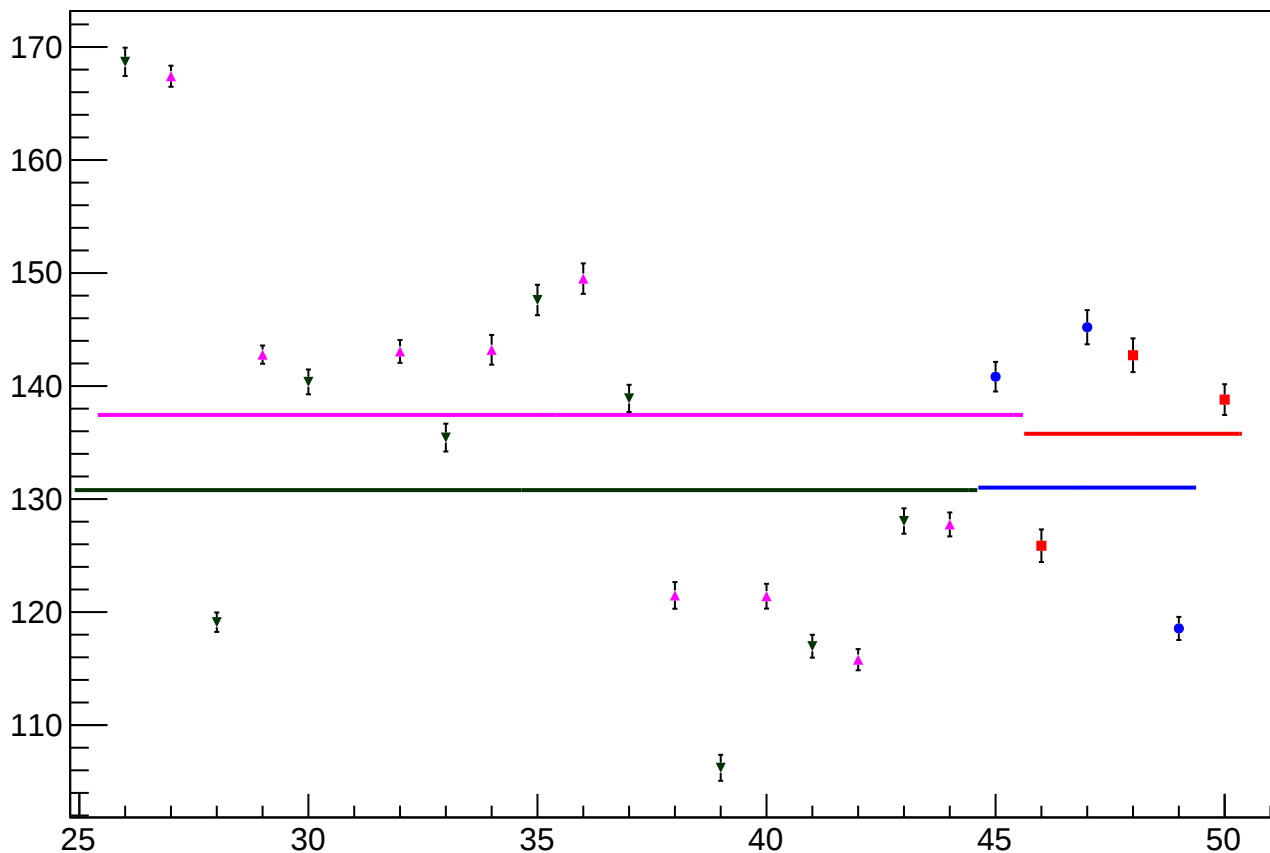
Right Out: 8.825+/-1.038 χ^2/NDF : 205.3/2

Left In: 18.948+/-0.468 χ^2/NDF : 590.1/8

18.887+/-0.429 χ^2/NDF : 768.0/11

17.239+/-0.426 χ^2/NDF : 874.4/11

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 131.015 $\pm$ 0.711 χ^2/NDF : 292.7/2

Left Out: 130.793 $\pm$ 0.372 χ^2/NDF : 2039.0/8

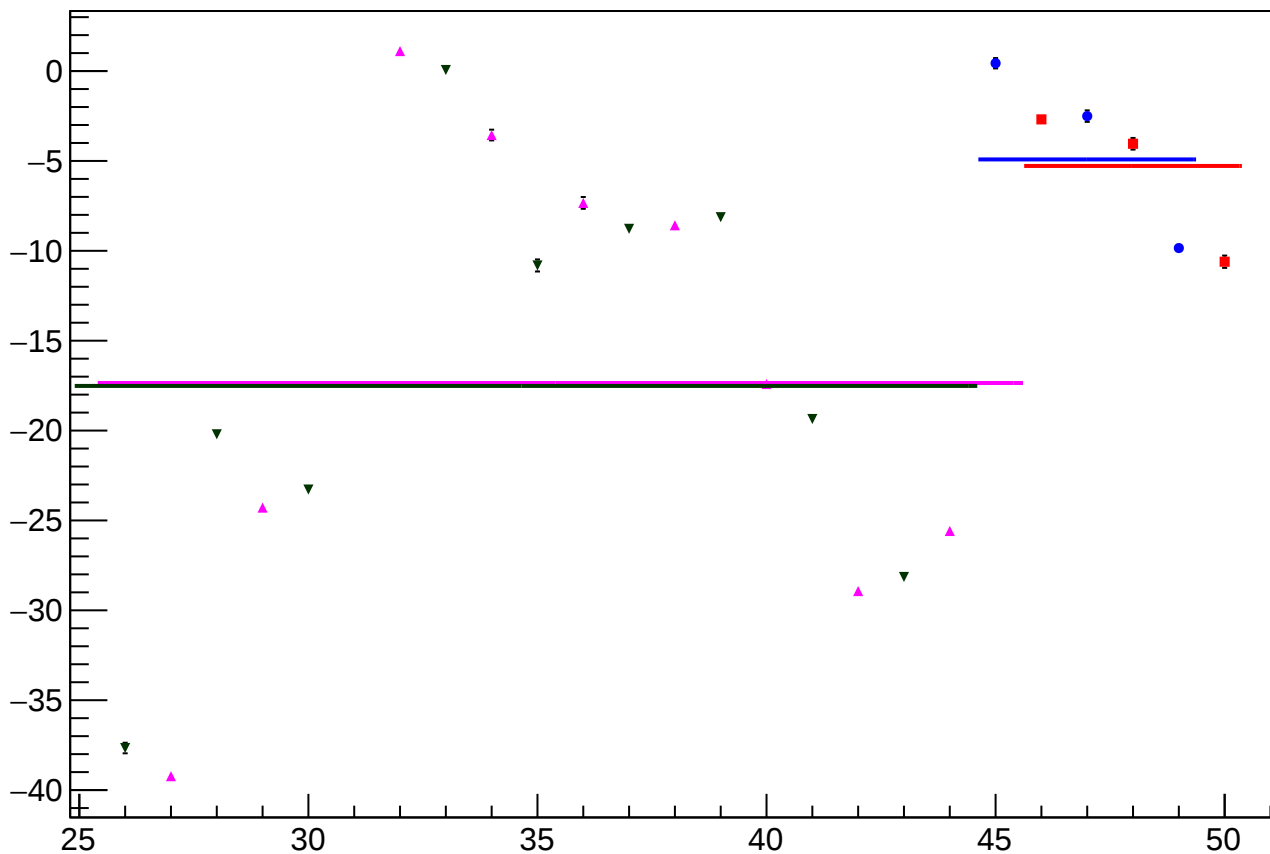
Right Out: 135.777 $\pm$ 0.825 χ^2/NDF : 73.6/2

Left In: 137.444 $\pm$ 0.345 χ^2/NDF : 2221.9/8

130.840 $\pm$ 0.329 χ^2/NDF : 2331.7/11

137.196 $\pm$ 0.319 χ^2/NDF : 2299.0/11

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

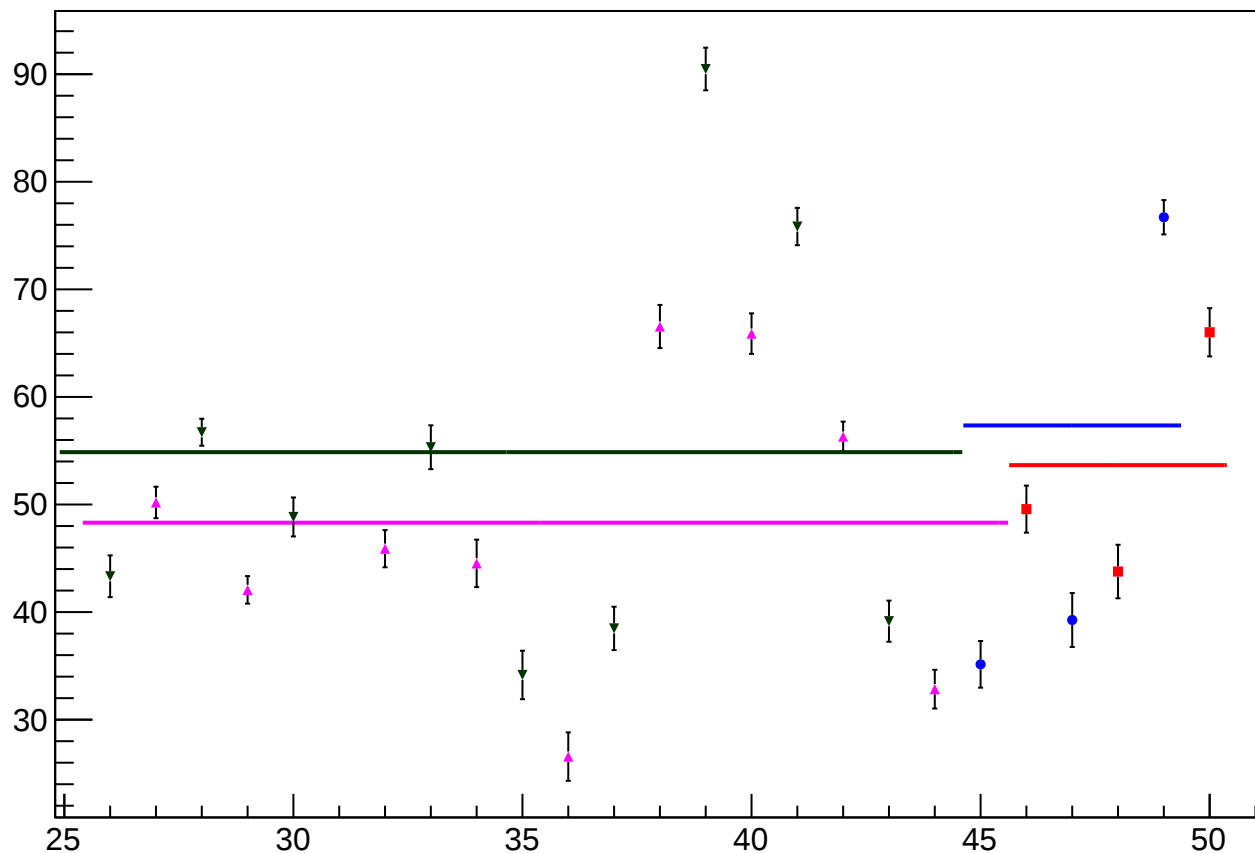
-14.814+/-0.073 χ^2/NDF : 21445.4/11

Right Out: -5.278+/-0.180 χ^2/NDF : 343.5/2

-15.343+/-0.073 χ^2/NDF : 30039.3/11

Left In: -17.353+/-0.080 χ^2/NDF :25925.9/8

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 57.350 $\pm$ 1.143 χ^2 /NDF: 304.3/2

Left Out: 54.868 $\pm$ 0.603 χ^2 /NDF: 735.8/8

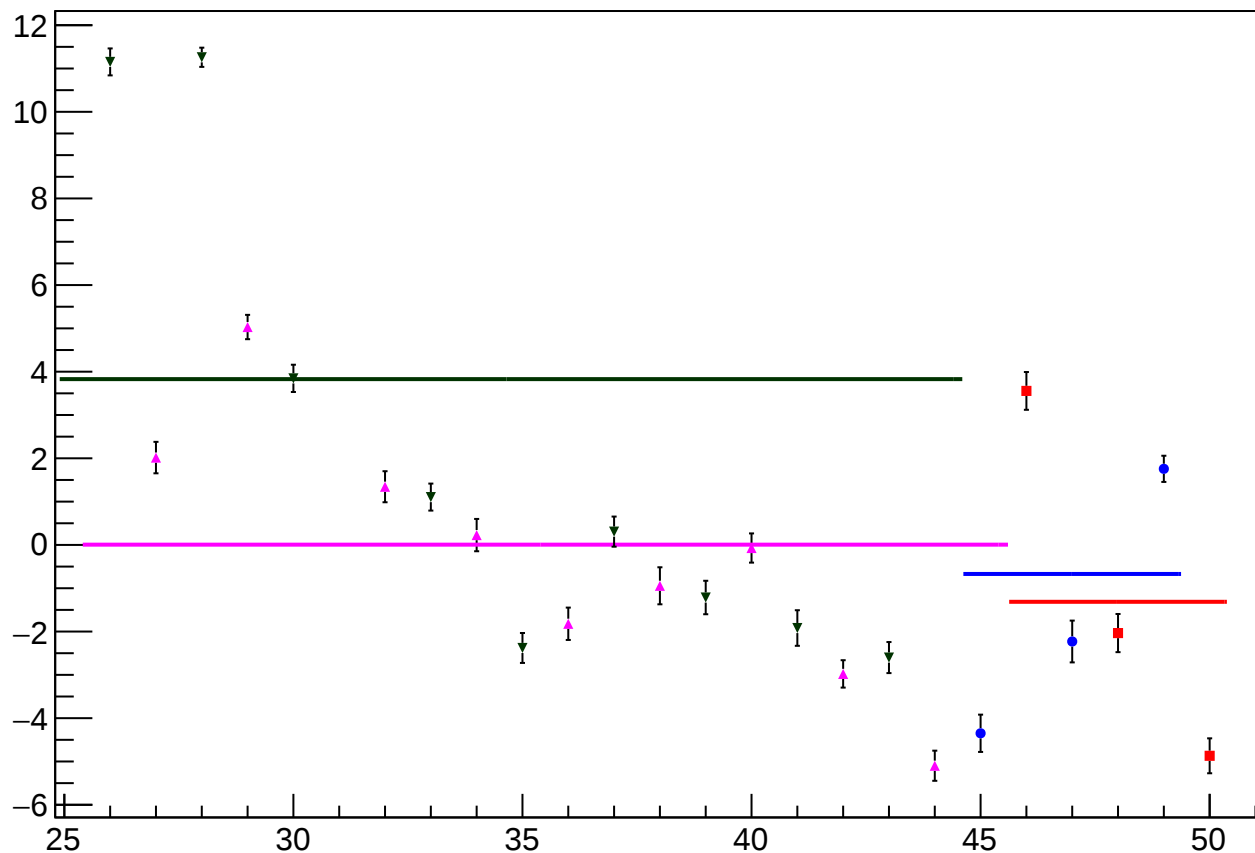
Right Out: 53.662 $\pm$ 1.324 χ^2 /NDF: 49.7/2

Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

55.409 $\pm$ 0.533 χ^2 /NDF: 1043.8/11

49.127 $\pm$ 0.517 χ^2 /NDF: 463.8/11

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

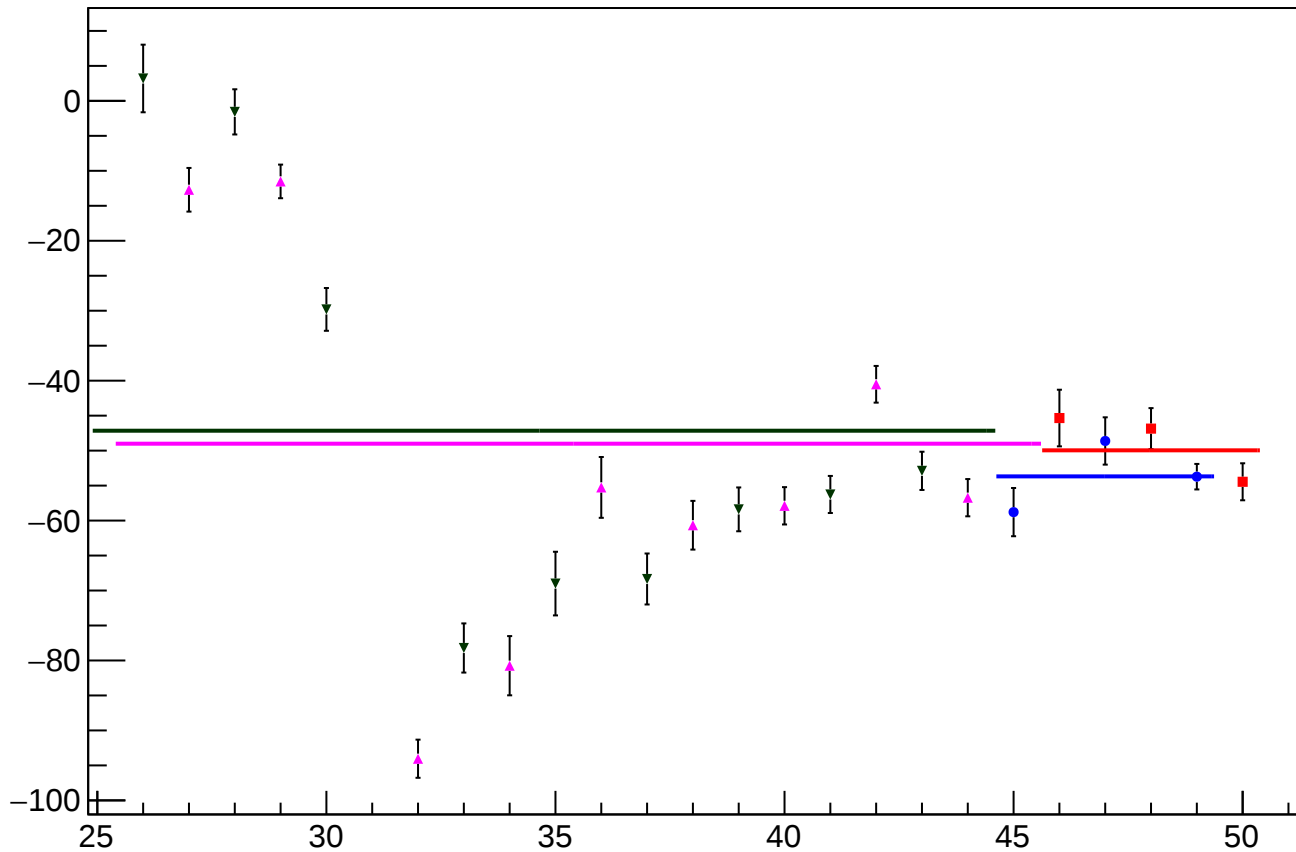
Right Out: -1.313+/-0.246 χ^2/NDF : 205.0/2

Left In: 0.006+/-0.116 χ^2/NDF : 698.4/8

2.975+/-0.096 χ^2/NDF : 3352.6/11

-0.233+/-0.105 χ^2/NDF : 927.1/11

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -53.682 $\pm$ 1.455 χ^2 /NDF: 4.4/2

Left Out: -47.154 $\pm$ 1.099 χ^2 /NDF:504.0/8

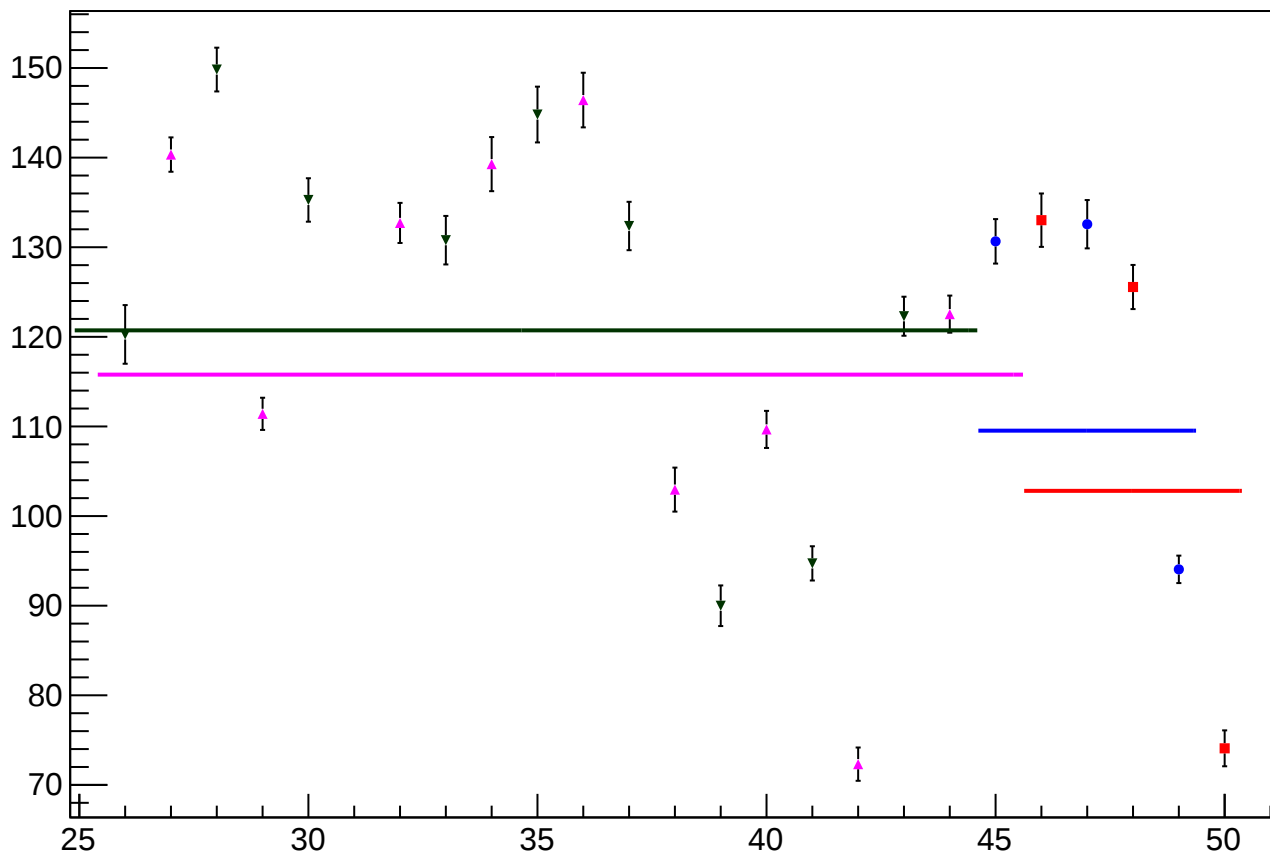
Right Out: -49.958 $\pm$ 1.767 χ^2 /NDF: 5.3/2

Left In: -49.010 $\pm$ 0.986 χ^2 /NDF:751.0/8

-49.524 $\pm$ 0.877 χ^2 /NDF: 521.2/11

-49.235 $\pm$ 0.861 χ^2 /NDF: 756.6/11

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 109.531+/-1.174 χ^2/NDF : 247.5/2

Left Out: 120.724+/-0.820 χ^2/NDF : 639.8/8

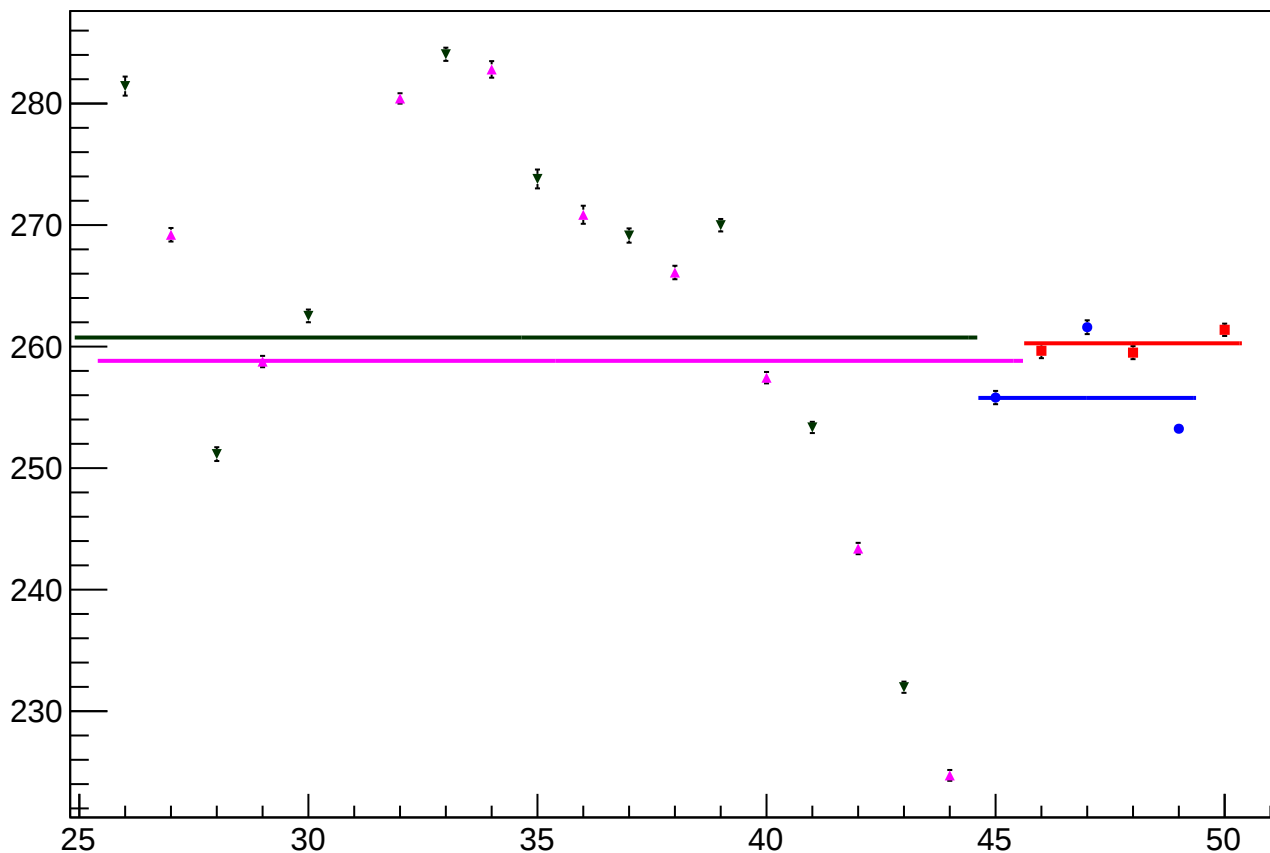
Right Out: 102.814+/-1.378 χ^2/NDF : 393.6/2

Left In: 115.784+/-0.721 χ^2/NDF : 983.2/8

117.052+/-0.672 χ^2/NDF : 948.5/11

112.995+/-0.639 χ^2/NDF : 1446.3/11

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

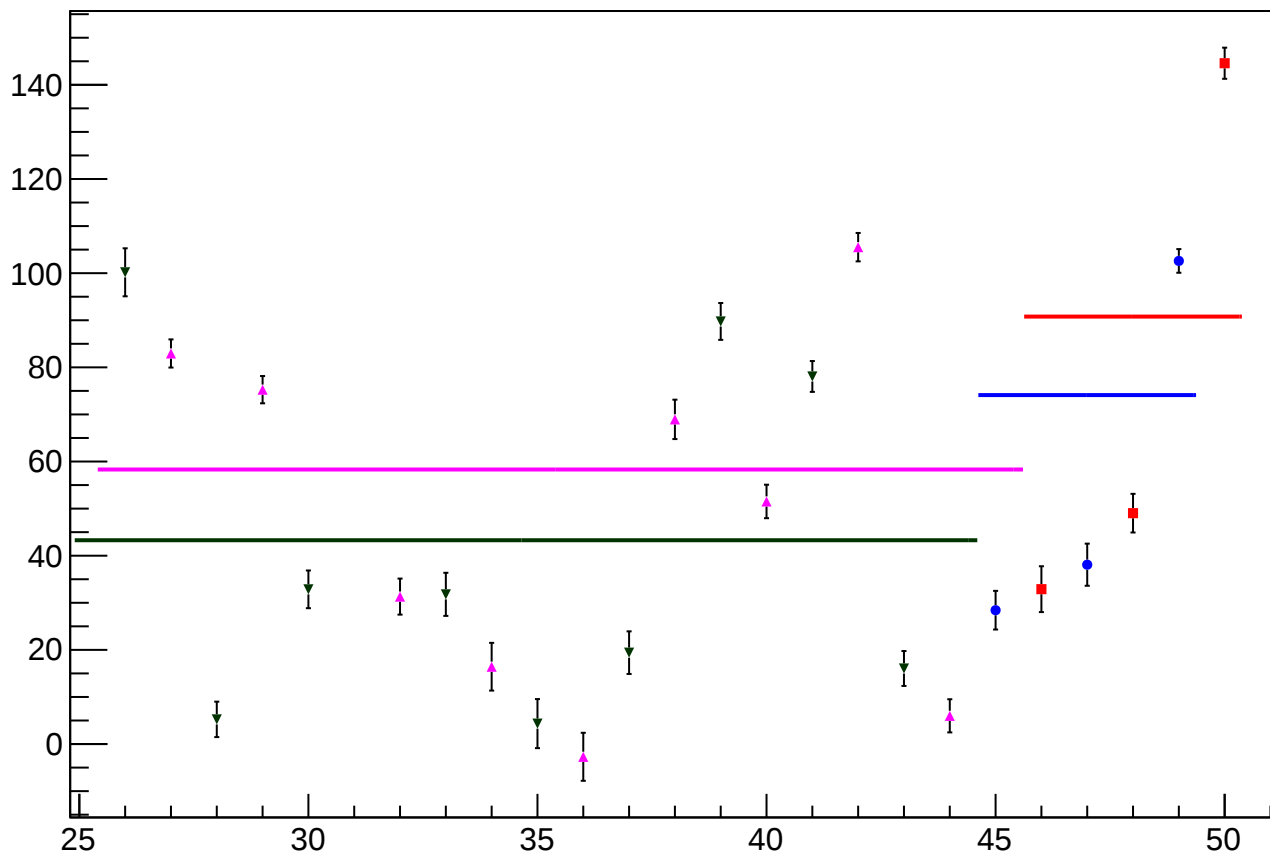
Right Out: 260.271+/-0.316 χ^2/NDF : 7.8/2

Left In: 258.828+/-0.170 χ^2/NDF : 11545.2/8

259.180+/-0.152 χ^2/NDF : 8174.1/11

259.152+/-0.150 χ^2/NDF : 11569.2/11

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 74.110+/-1.933 χ^2/NDF : 317.1/2

Left Out: 43.284+/-1.366 χ^2/NDF : 631.4/8

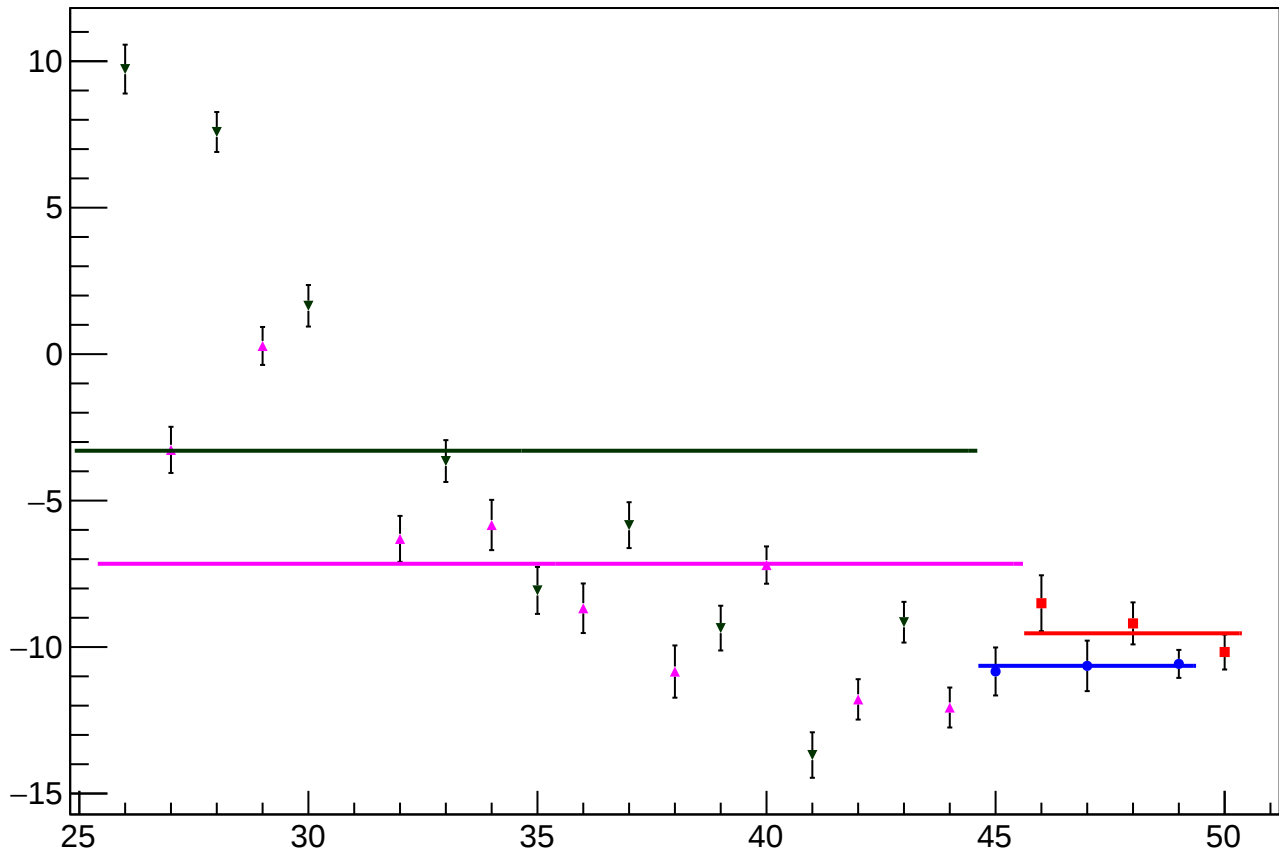
Right Out: 90.781+/-2.275 χ^2/NDF : 509.9/2

Left In: 58.307+/-1.192 χ^2/NDF : 839.3/8

53.546+/-1.115 χ^2/NDF : 1118.1/11

65.301+/-1.056 χ^2/NDF : 1509.0/11

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -10.641±/0.372 χ^2/NDF : 0.1/2

Left Out: -3.298±/0.249 χ^2/NDF : 906.1/8

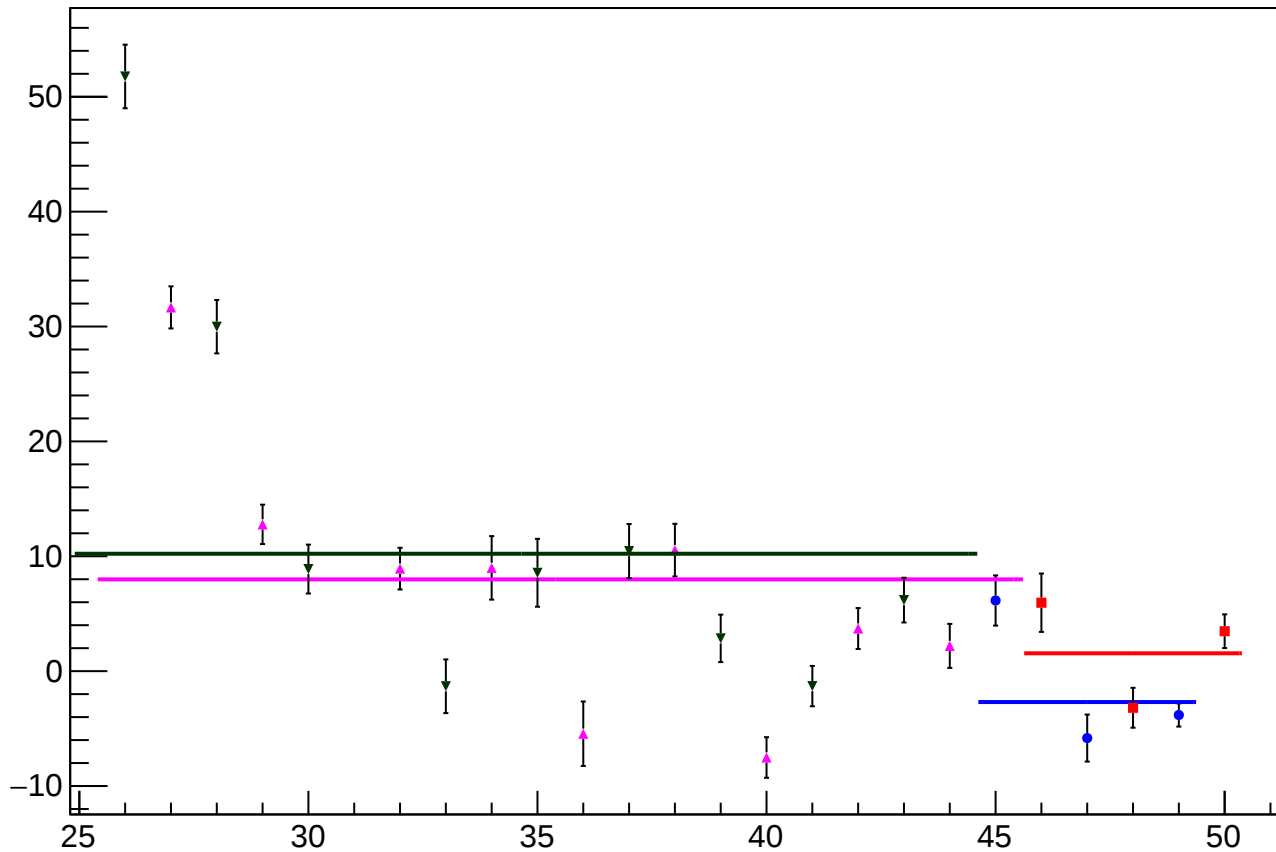
Right Out: -9.531±/0.414 χ^2/NDF : 2.5/2

Left In: -7.157±/0.247 χ^2/NDF : 276.7/8

-5.565±/0.207 χ^2/NDF : 1175.3/11

-7.782±/0.212 χ^2/NDF : 303.4/11

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 $\chi^2/\text{NDF}: 382.7/8$

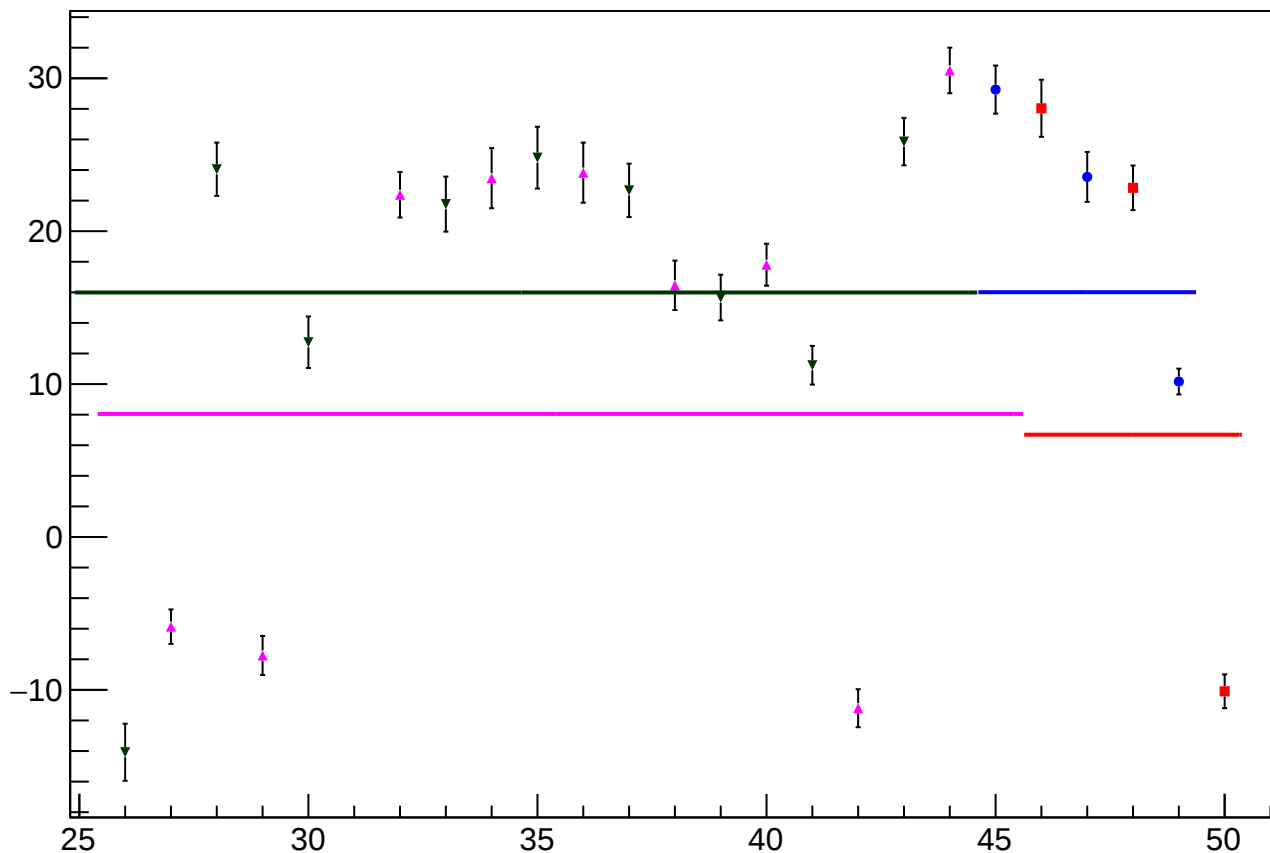
Right Out: 1.554 ± 1.026 $\chi^2/\text{NDF}: 12.2/2$

Left In: 7.990 ± 0.660 $\chi^2/\text{NDF}: 291.3/8$

4.575 ± 0.554 $\chi^2/\text{NDF}: 536.5/11$

6.107 ± 0.555 $\chi^2/\text{NDF}: 331.3/11$

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

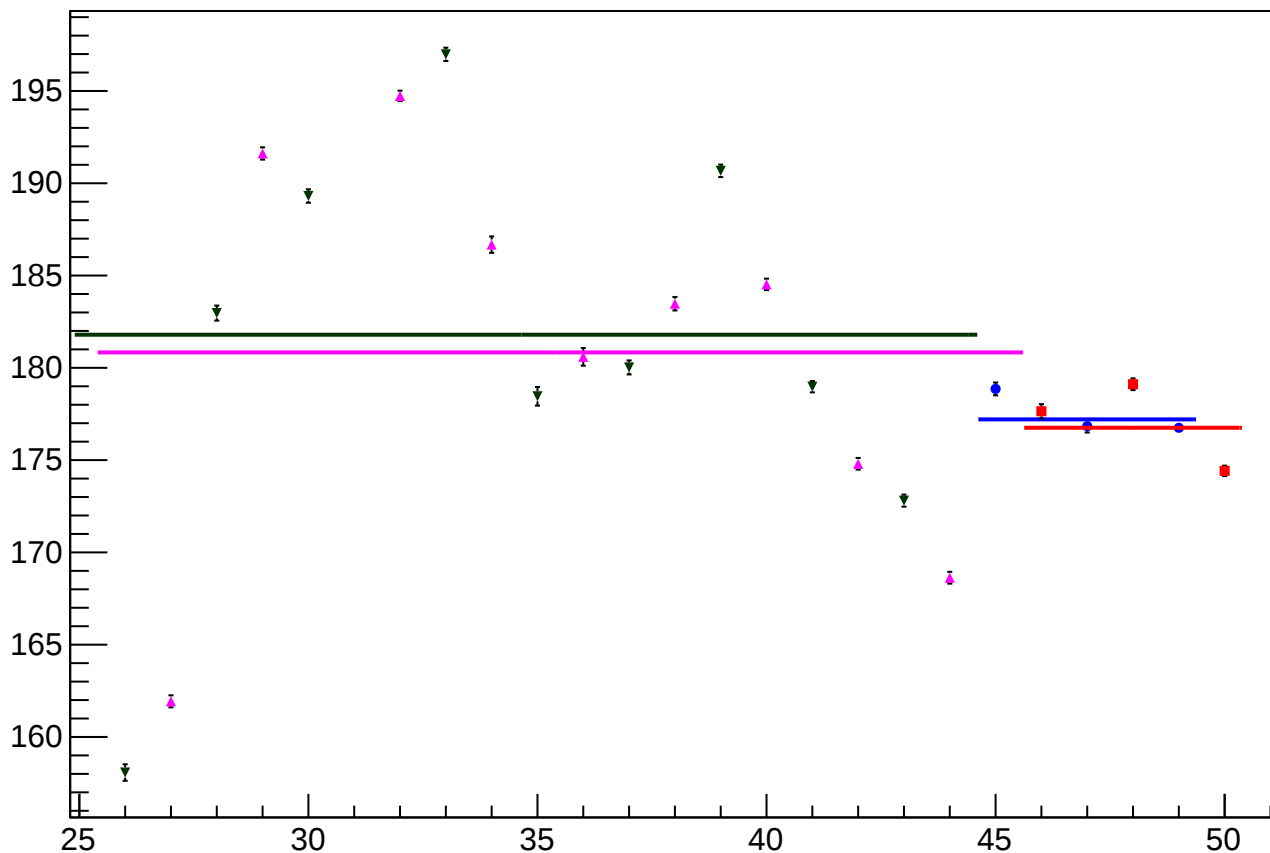
Right Out: 6.689 $\pm$ 0.797 χ^2 /NDF: 483.9/2

Left In: 8.048 $\pm$ 0.478 χ^2 /NDF:1067.9/8

15.998 $\pm$ 0.426 χ^2 /NDF: 523.3/11

7.688 $\pm$ 0.410 χ^2 /NDF: 1554.0/11

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.208 $\pm$ 0.158 χ^2/NDF : 28.5/2

Left Out: 181.795 $\pm$ 0.123 χ^2/NDF : 6577.2/8

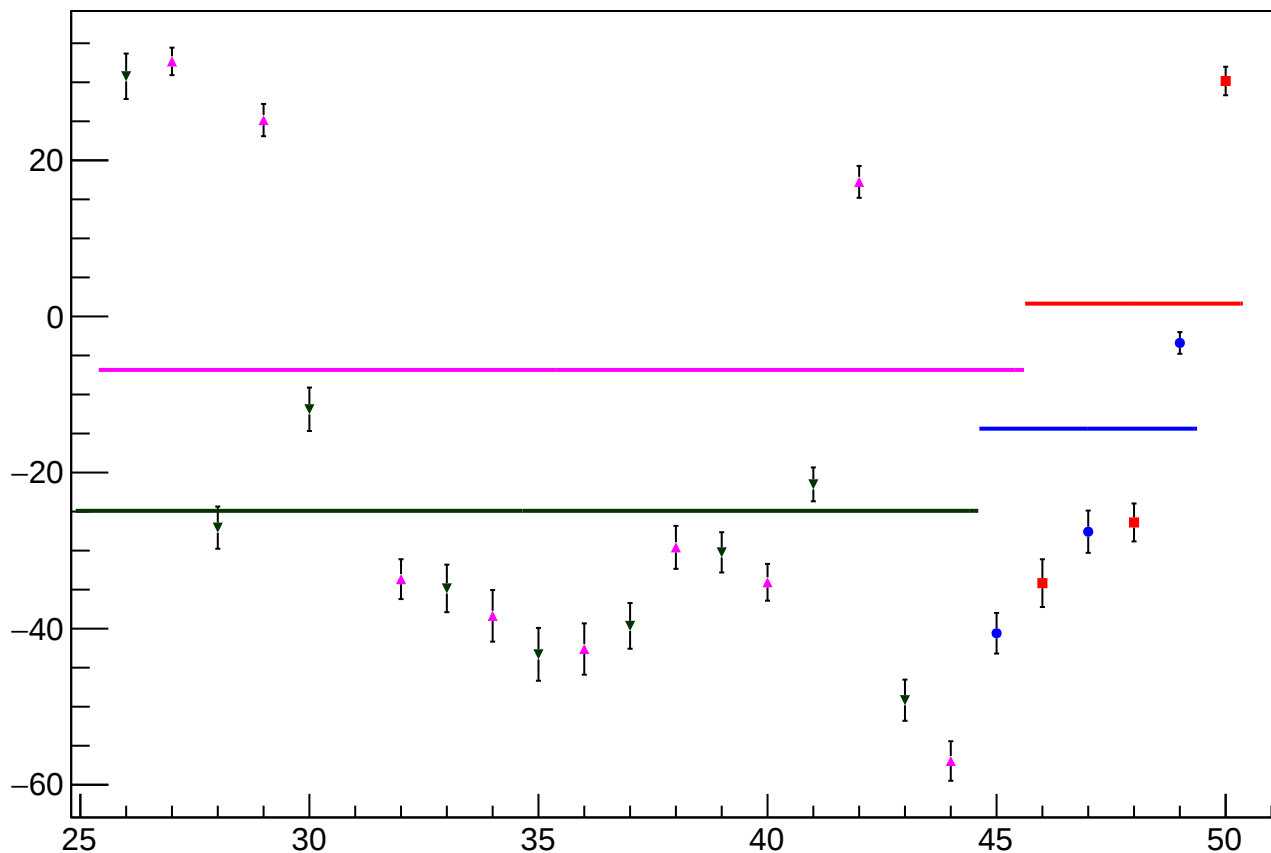
Right Out: 176.754 $\pm$ 0.185 χ^2/NDF : 128.8/2

Left In: 180.835 $\pm$ 0.114 χ^2/NDF : 8962.2/8

180.061 $\pm$ 0.097 χ^2/NDF : 7127.6/11

179.717 $\pm$ 0.097 χ^2/NDF : 9445.0/11

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -14.379 ± 1.118 $\chi^2/\text{NDF}: 187.5/2$

Left Out: -24.905 ± 0.912 $\chi^2/\text{NDF}: 545.2/8$

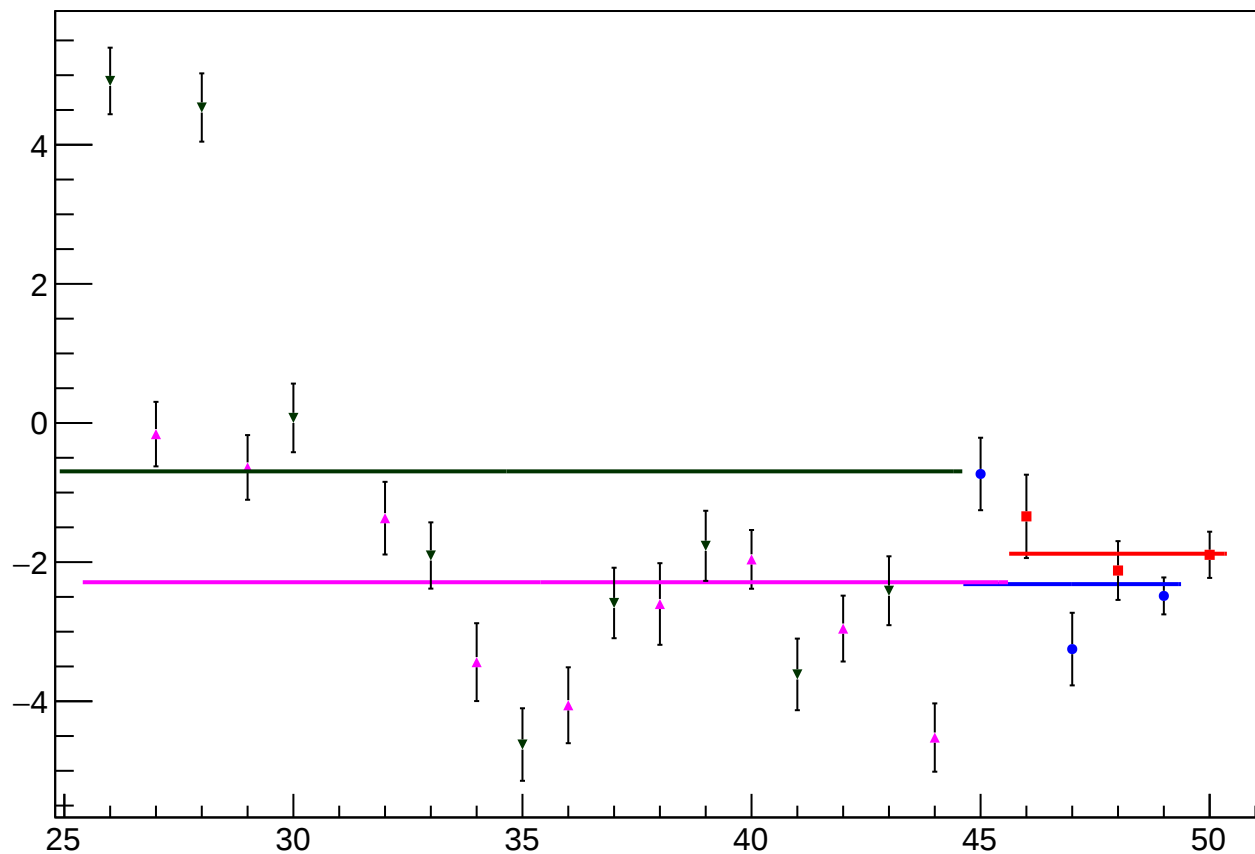
Right Out: 1.643 ± 1.317 $\chi^2/\text{NDF}: 514.6/2$

Left In: -6.851 ± 0.790 $\chi^2/\text{NDF}: 1794.2/8$

-20.698 ± 0.707 $\chi^2/\text{NDF}: 785.9/11$

-4.602 ± 0.678 $\chi^2/\text{NDF}: 2339.4/11$

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 $\chi^2/\text{NDF}: 379.5/8$

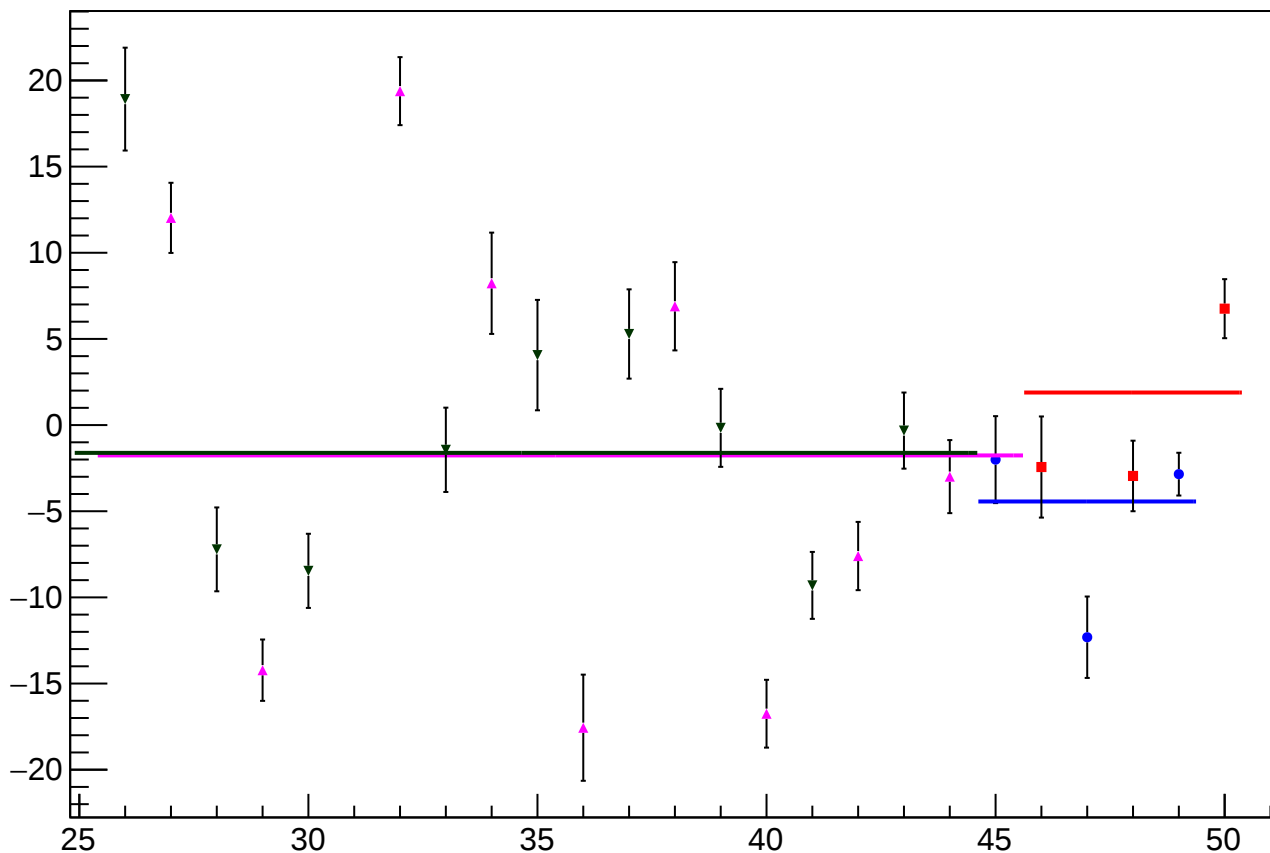
Right Out: -1.879 ± 0.239 $\chi^2/\text{NDF}: 1.1/2$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.298 ± 0.131 $\chi^2/\text{NDF}: 427.9/11$

-2.157 ± 0.136 $\chi^2/\text{NDF}: 78.2/11$

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

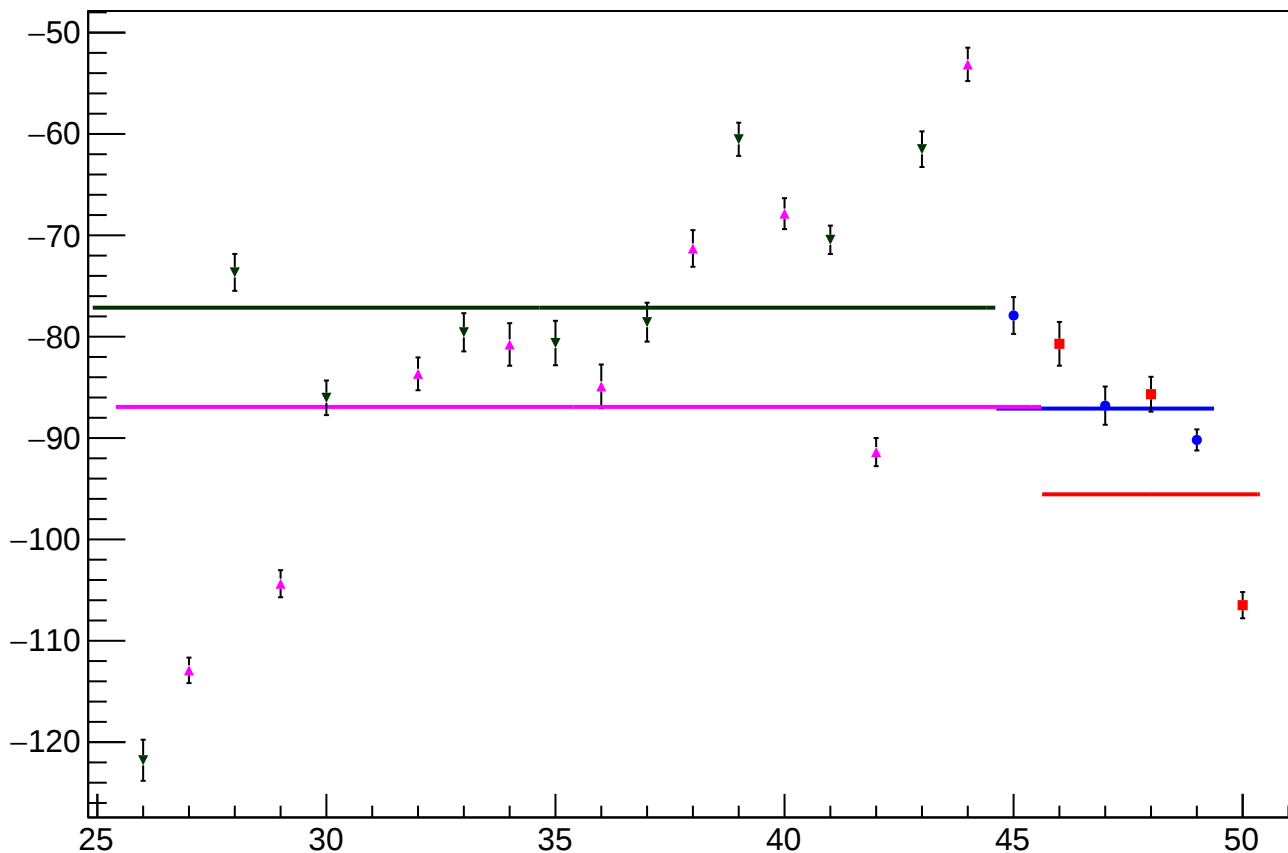
Right Out: 1.889 ± 1.199 χ^2/NDF : 15.8/2

Left In: -1.762 ± 0.721 χ^2/NDF : 326.0/8

-2.699 ± 0.625 χ^2/NDF : 107.9/11

-0.792 ± 0.618 χ^2/NDF : 348.6/11

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -87.091 $\pm$ 0.814 χ^2 /NDF: 34.5/2

Left Out: -77.138 $\pm$ 0.592 χ^2 /NDF: 725.4/8

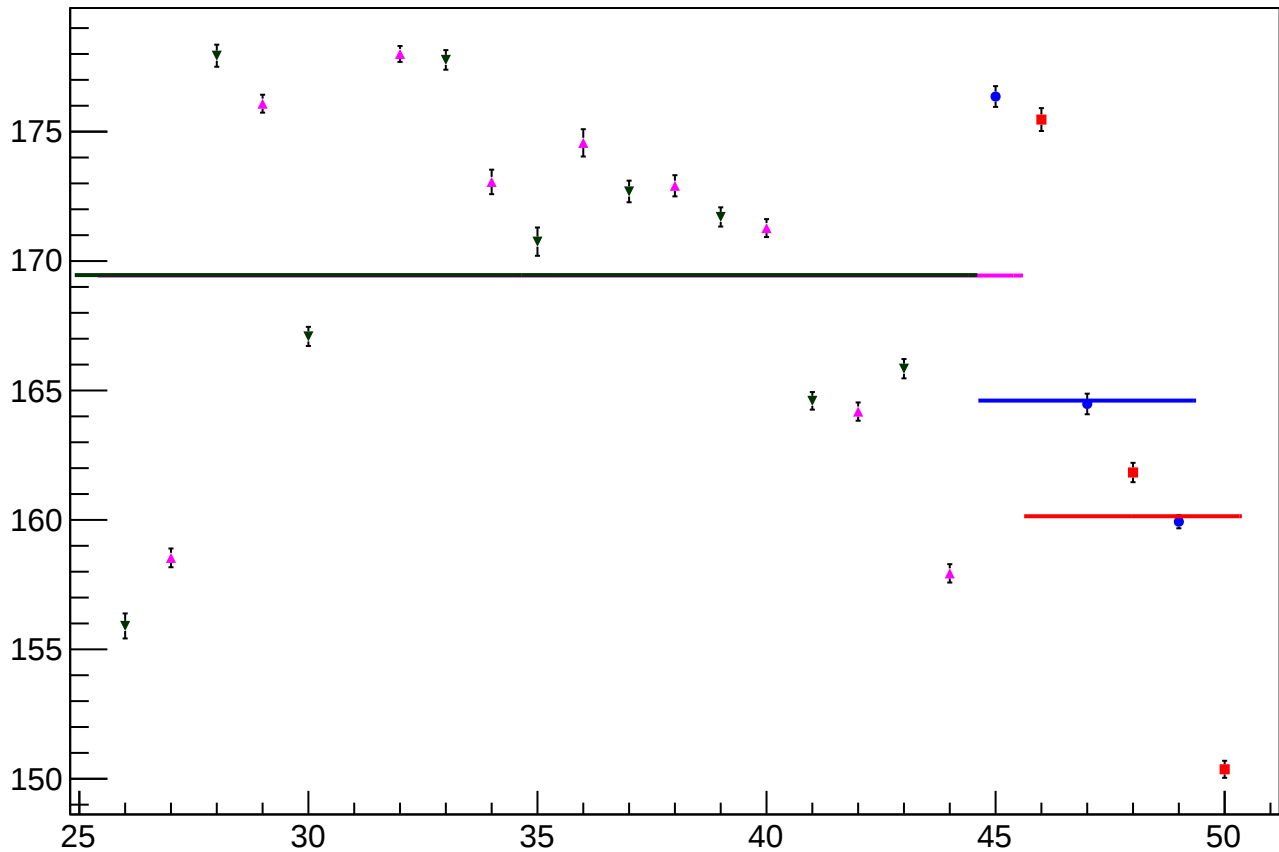
Right Out: -95.549 $\pm$ 0.932 χ^2 /NDF: 151.8/2

Left In: -86.925 $\pm$ 0.524 χ^2 /NDF: 1273.0/8

-80.581 $\pm$ 0.479 χ^2 /NDF: 857.7/11

-88.997 $\pm$ 0.457 χ^2 /NDF: 1489.8/11

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 164.610 ± 0.189 χ^2/NDF : 1192.5/2

Left Out: 169.458 ± 0.133 χ^2/NDF : 2105.9/8

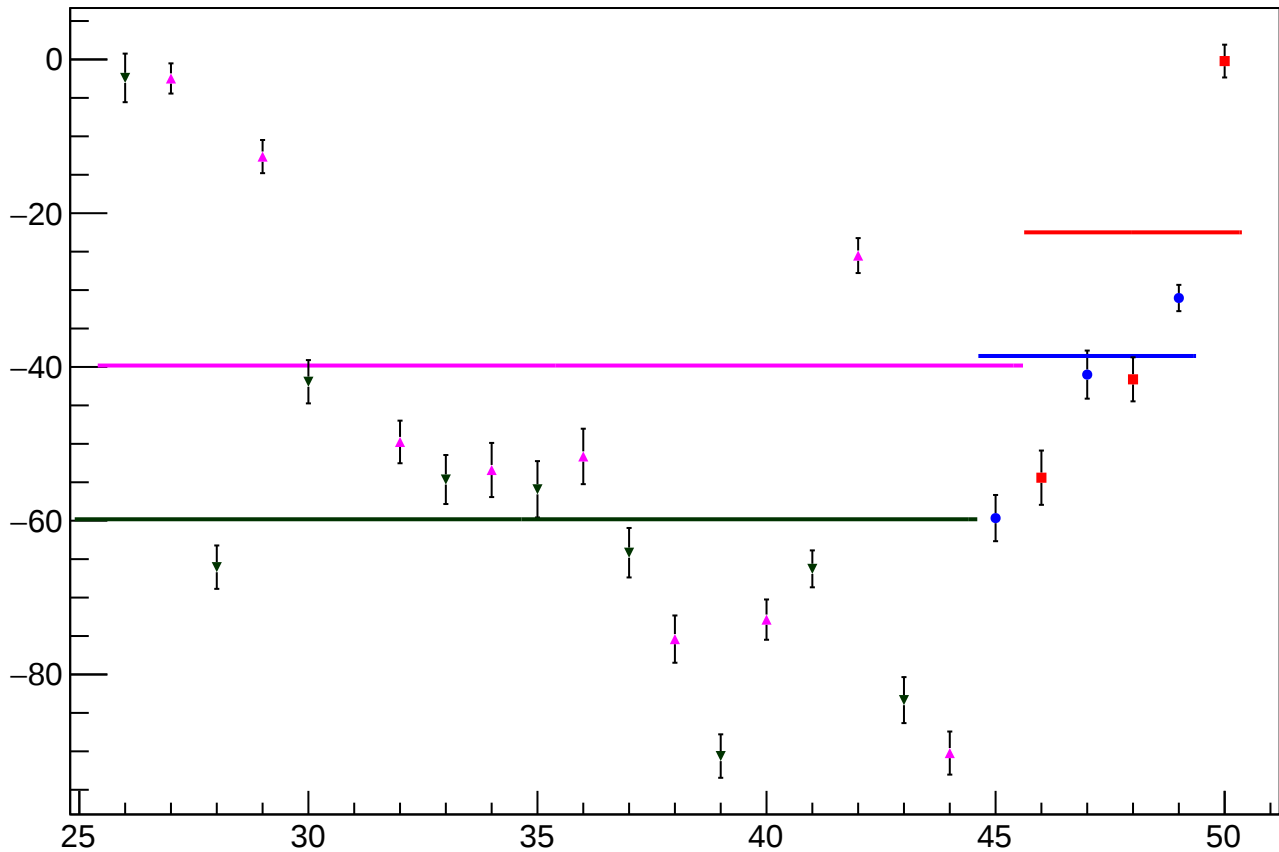
Right Out: 160.142 ± 0.216 χ^2/NDF : 2104.4/2

Left In: 169.441 ± 0.124 χ^2/NDF : 3580.5/8

167.851 ± 0.109 χ^2/NDF : 3737.1/11

167.127 ± 0.108 χ^2/NDF : 7082.2/11

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -38.573 ± 1.342 χ^2/NDF : 69.3/2

Left Out: -59.812 ± 0.985 χ^2/NDF : 568.6/8

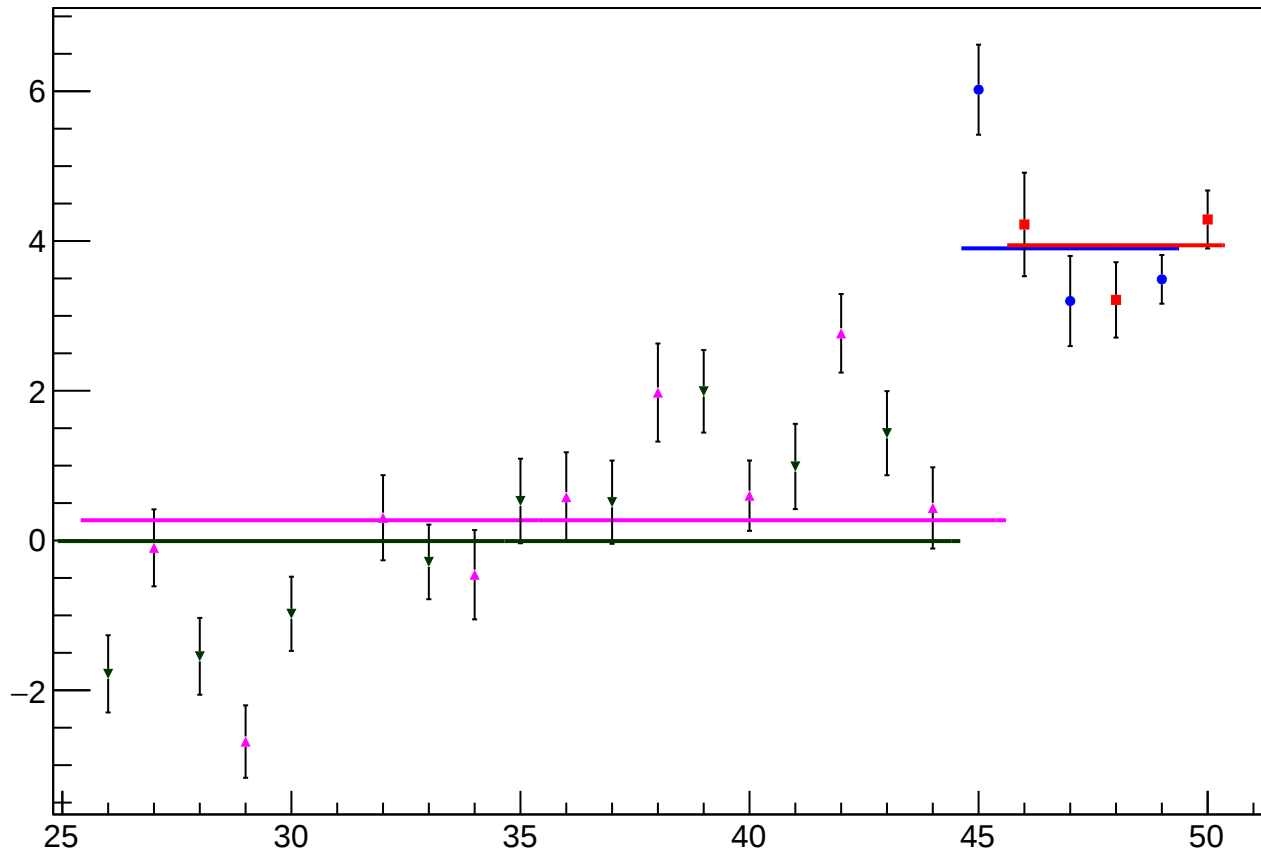
Right Out: -22.490 ± 1.540 χ^2/NDF : 235.3/2

Left In: -39.815 ± 0.866 χ^2/NDF : 1214.9/8

-52.379 ± 0.794 χ^2/NDF : 800.7/11

-35.653 ± 0.755 χ^2/NDF : 1546.4/11

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 3.902 ± 0.258 χ^2/NDF : 15.4/2

Left Out: -0.008 ± 0.178 χ^2/NDF : 49.6/8

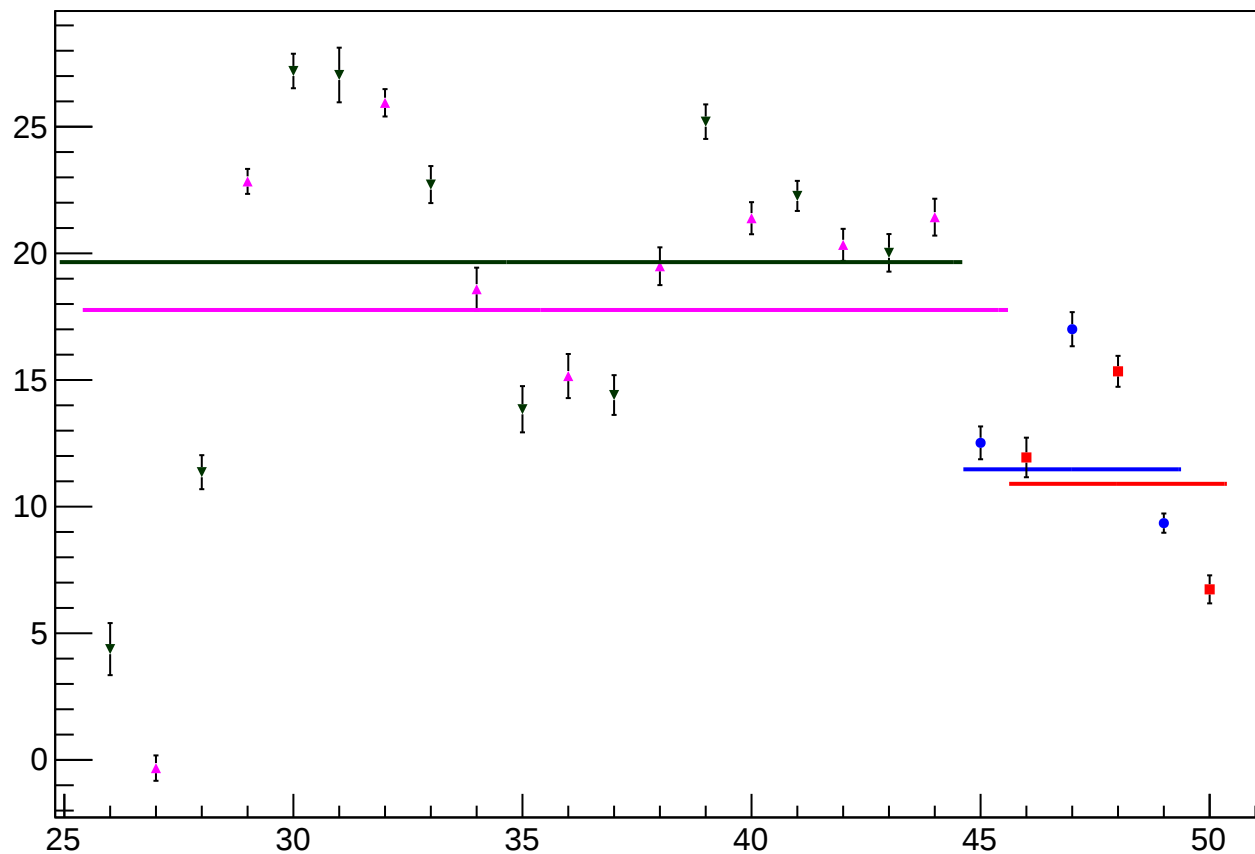
Right Out: 3.943 ± 0.281 χ^2/NDF : 3.1/2

Left In: 0.270 ± 0.181 χ^2/NDF : 69.6/8

1.251 ± 0.147 χ^2/NDF : 220.3/11

1.347 ± 0.152 χ^2/NDF : 193.8/11

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

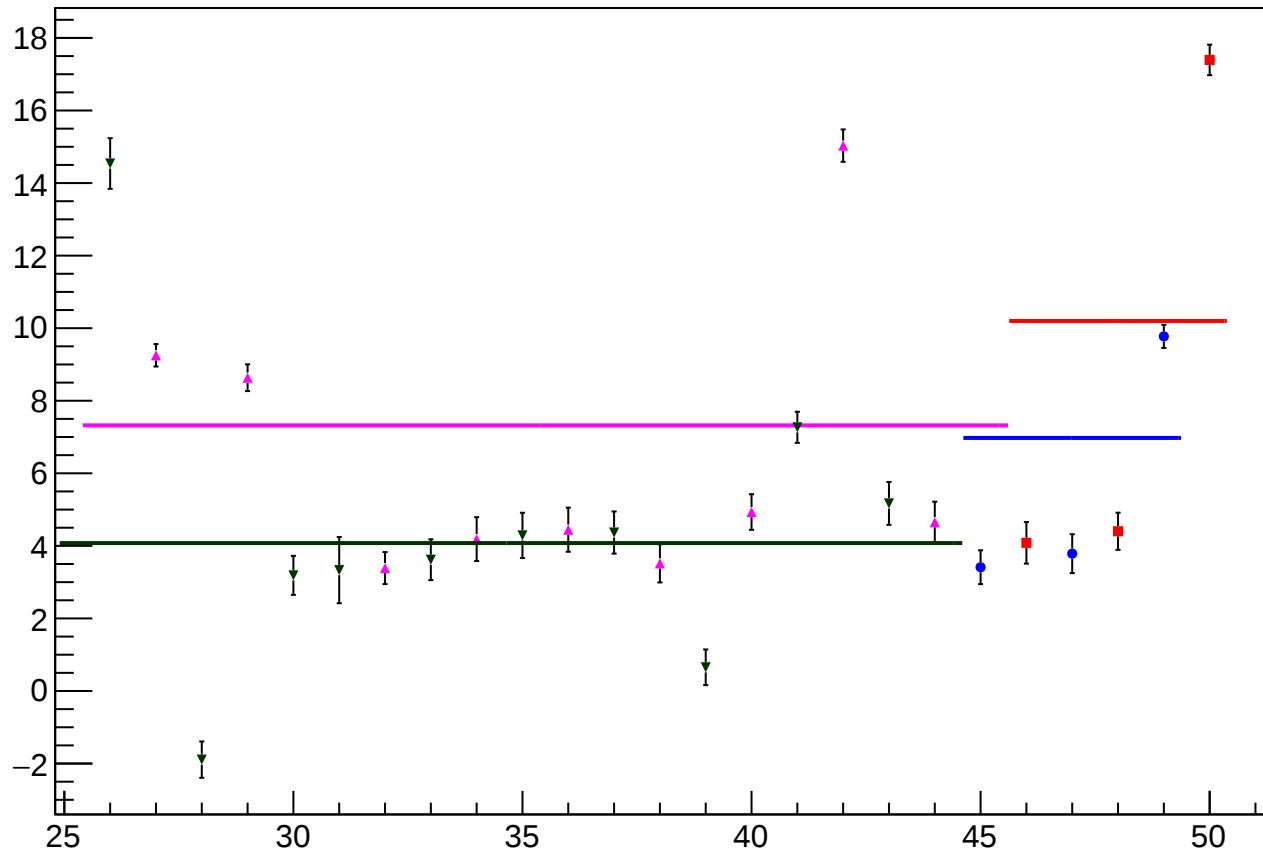
Right Out: 10.901 ± 0.363 χ^2/NDF : 111.3/2

Left In: 17.765 ± 0.209 χ^2/NDF : 1728.2/8

16.429 ± 0.185 χ^2/NDF : 1299.0/12

16.058 ± 0.181 χ^2/NDF : 2107.9/11

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 6.975 ± 0.236 $\chi^2/\text{NDF}: 170.7/2$

Left Out: 4.077 ± 0.177 $\chi^2/\text{NDF}: 478.1/9$

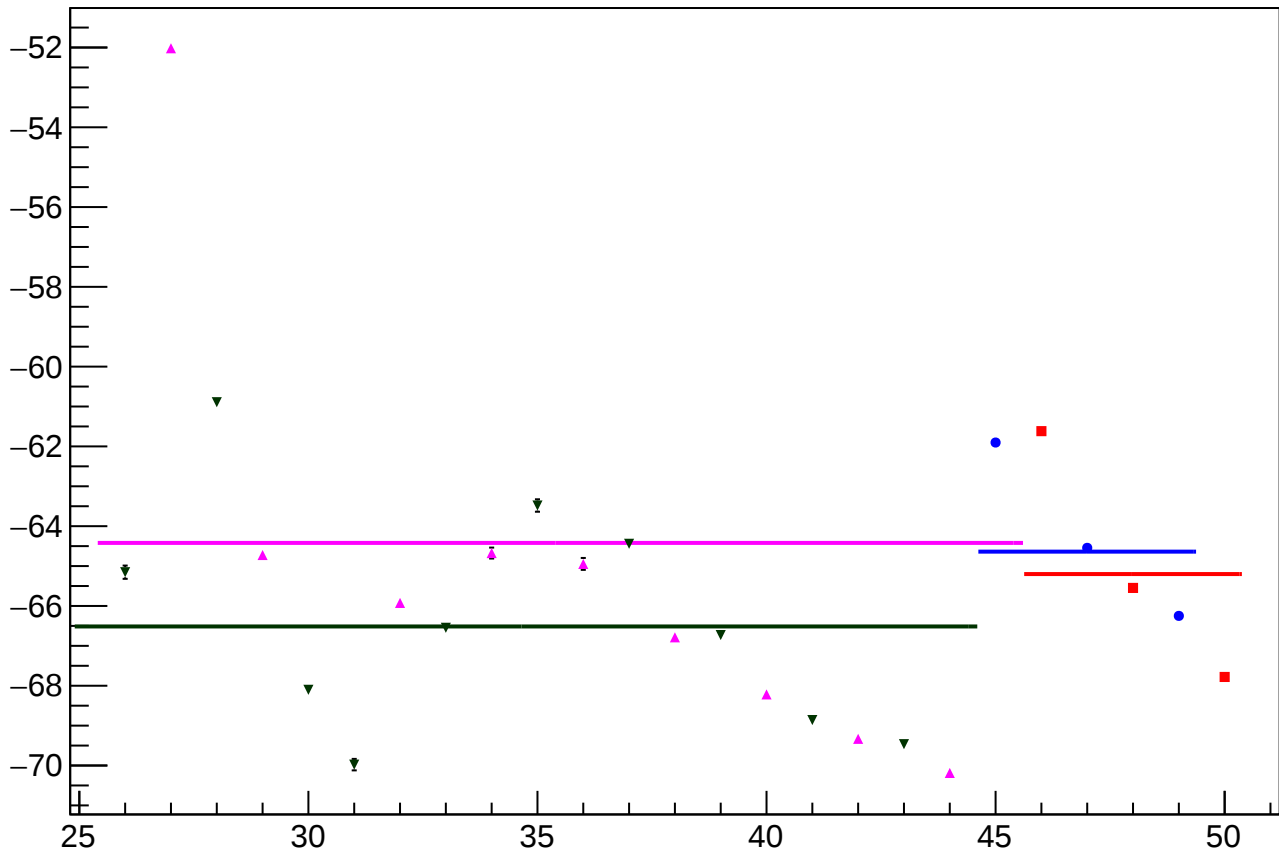
Right Out: 10.199 ± 0.283 $\chi^2/\text{NDF}: 535.0/2$

Left In: 7.322 ± 0.150 $\chi^2/\text{NDF}: 577.2/8$

5.120 ± 0.142 $\chi^2/\text{NDF}: 745.0/12$

7.955 ± 0.133 $\chi^2/\text{NDF}: 1193.0/11$

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.638 ± 0.055 χ^2/NDF : 1125.7/2

Left Out: -66.514 ± 0.039 χ^2/NDF : 4814.8/9

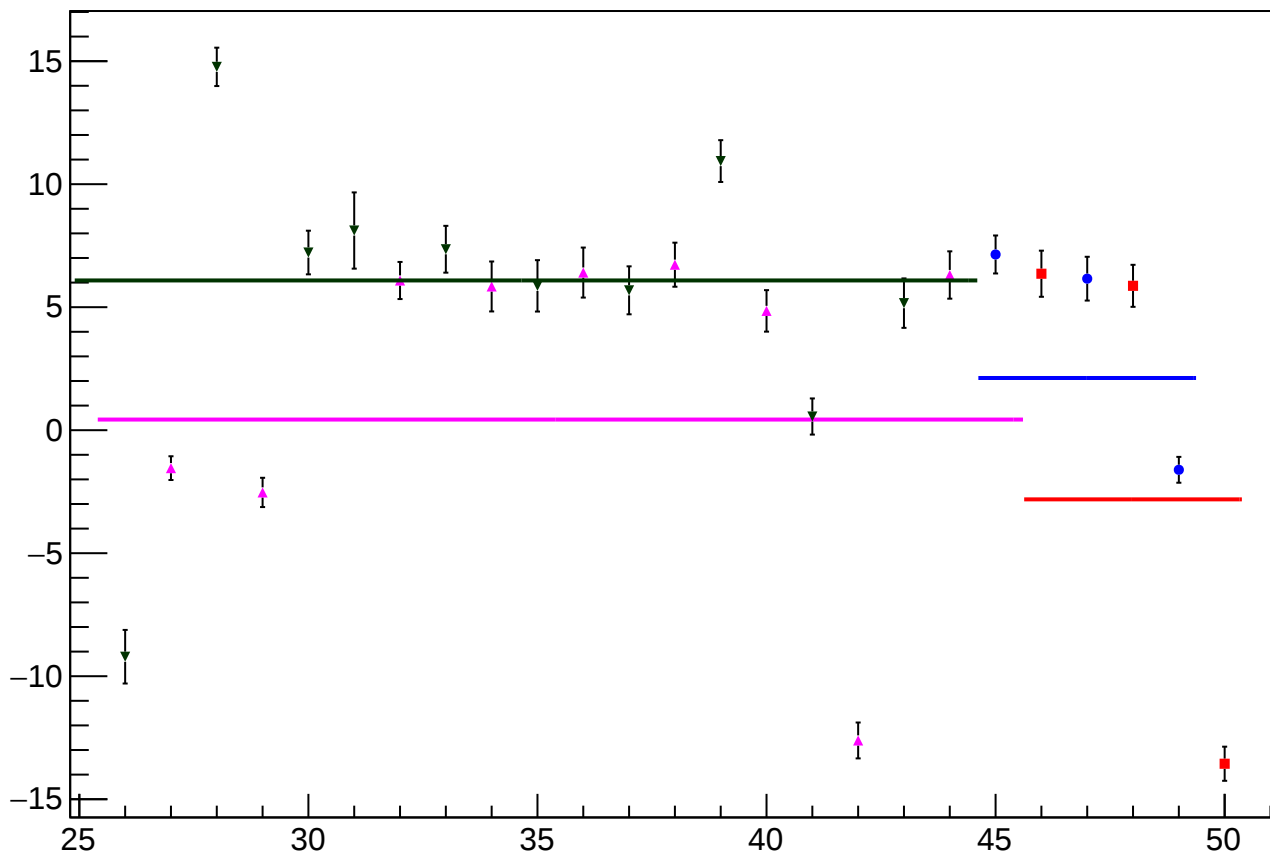
Right Out: -65.200 ± 0.064 χ^2/NDF : 1521.1/2

Left In: -64.419 ± 0.036 χ^2/NDF : 25022.3/8

-65.873 ± 0.032 χ^2/NDF : 6717.4/12

-64.606 ± 0.031 χ^2/NDF : 26655.4/11

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 2.122 ± 0.390 $\chi^2/\text{NDF}: 113.4/2$

Left Out: 6.087 ± 0.295 $\chi^2/\text{NDF}: 416.6/9$

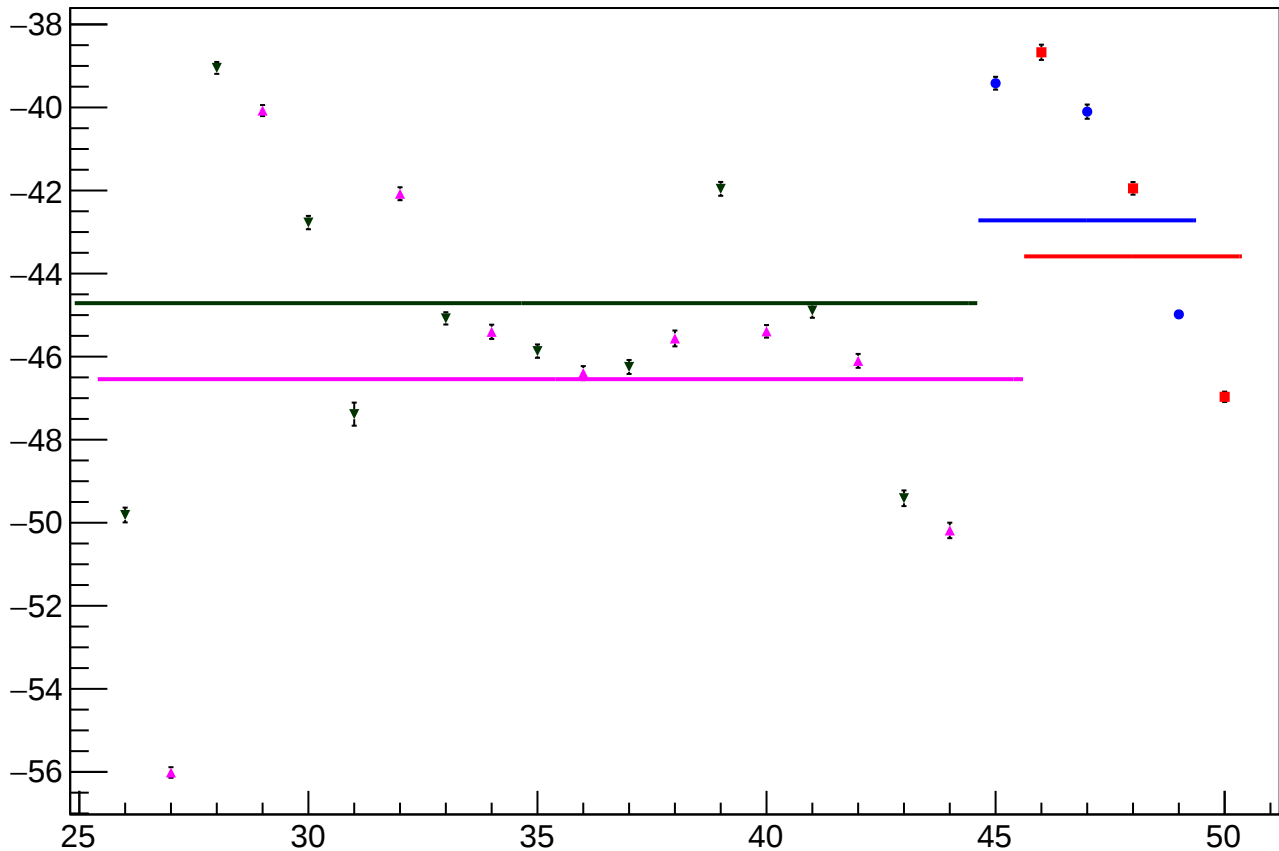
Right Out: -2.812 ± 0.467 $\chi^2/\text{NDF}: 439.1/2$

Left In: 0.433 ± 0.247 $\chi^2/\text{NDF}: 594.7/8$

4.644 ± 0.235 $\chi^2/\text{NDF}: 595.7/12$

-0.276 ± 0.218 $\chi^2/\text{NDF}: 1071.6/11$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.719+/-0.075 χ^2/NDF : 1202.9/2

Left Out: -44.712+/-0.054 χ^2/NDF : 3648.7/9

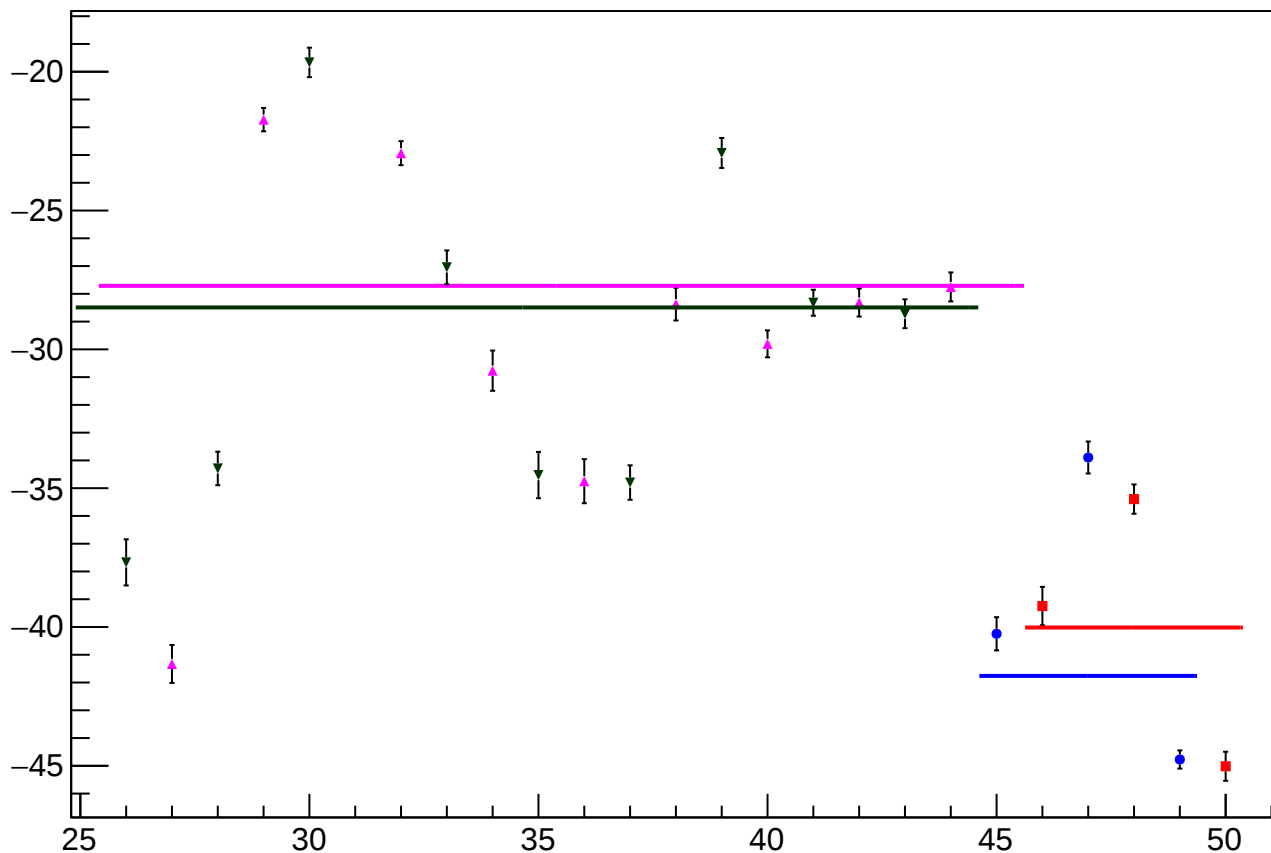
Right Out: -43.586+/-0.085 χ^2/NDF : 1562.1/2

Left In: -46.543+/-0.052 χ^2/NDF : 9214.1/8

-44.042+/-0.044 χ^2/NDF : 5316.2/12

-45.734+/-0.045 χ^2/NDF : 11645.2/11

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -41.762 $\pm$ 0.257 χ^2 /NDF: 277.0/2

Left Out: -28.490 $\pm$ 0.195 χ^2 /NDF: 758.4/8

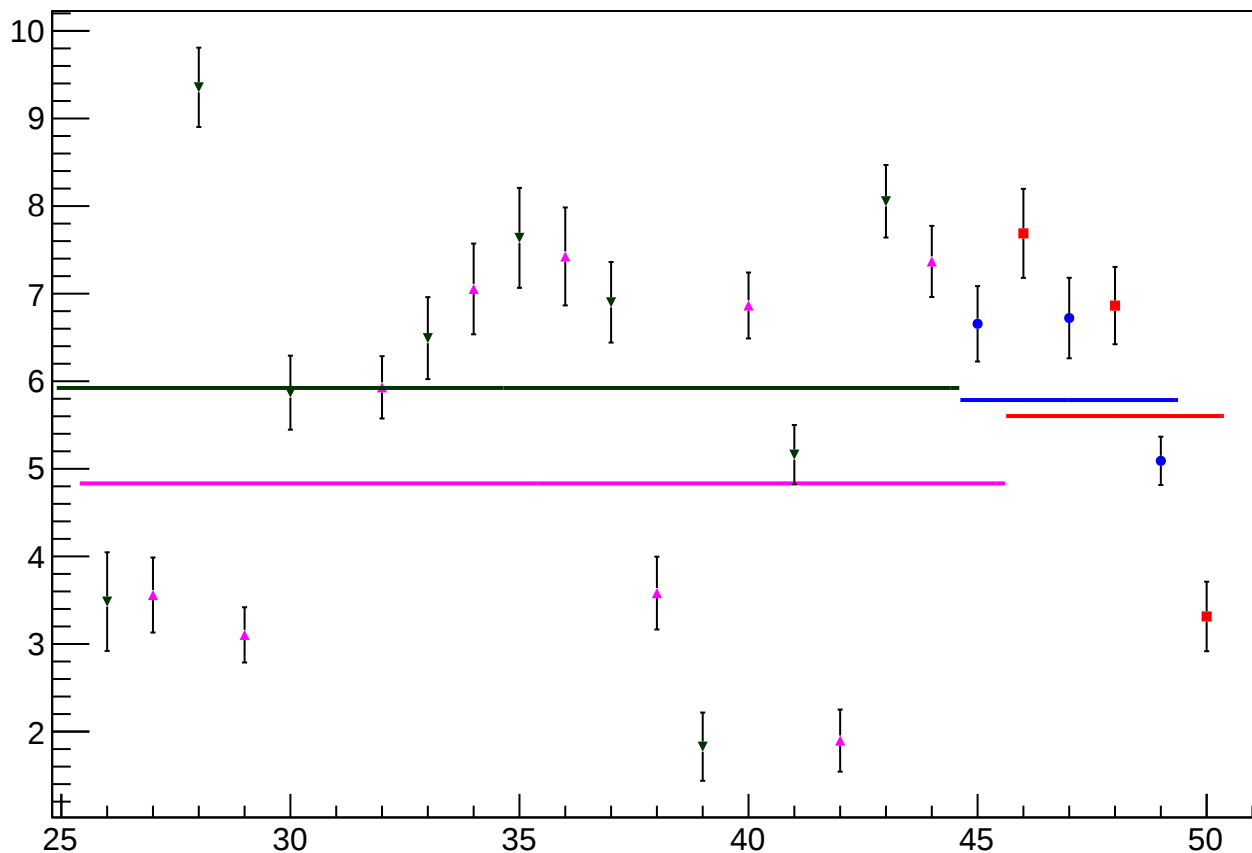
Right Out: -40.019 $\pm$ 0.327 χ^2 /NDF: 169.3/2

Left In: -27.713 $\pm$ 0.179 χ^2 /NDF: 841.0/8

-33.343 $\pm$ 0.156 χ^2 /NDF: 2720.8/11

-30.537 $\pm$ 0.157 χ^2 /NDF: 2099.5/11

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

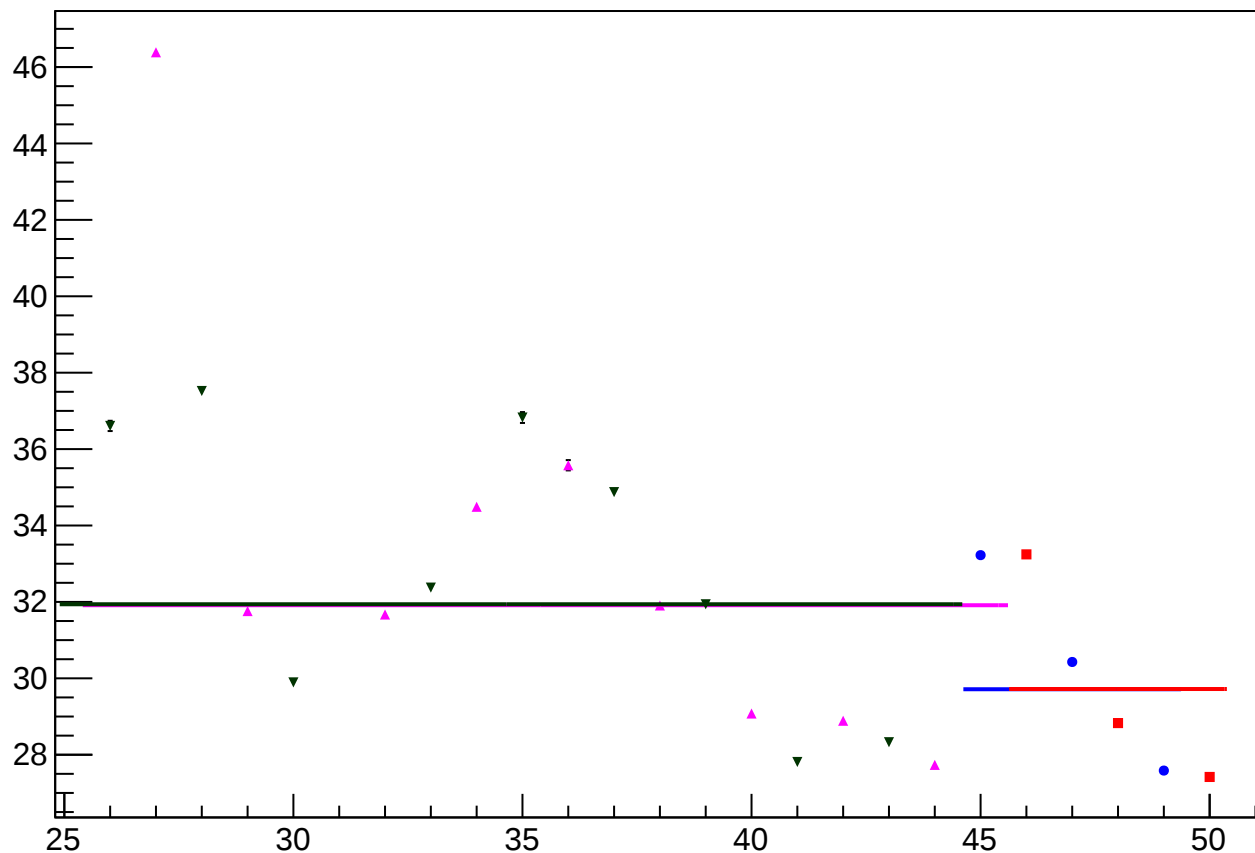
Right Out: 5.603 $\pm$ 0.255 χ^2 /NDF: 58.2/2

Left In: 4.834 $\pm$ 0.132 χ^2 /NDF: 234.0/8

5.878 $\pm$ 0.119 χ^2 /NDF: 248.2/11

4.996 $\pm$ 0.117 χ^2 /NDF: 299.4/11

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

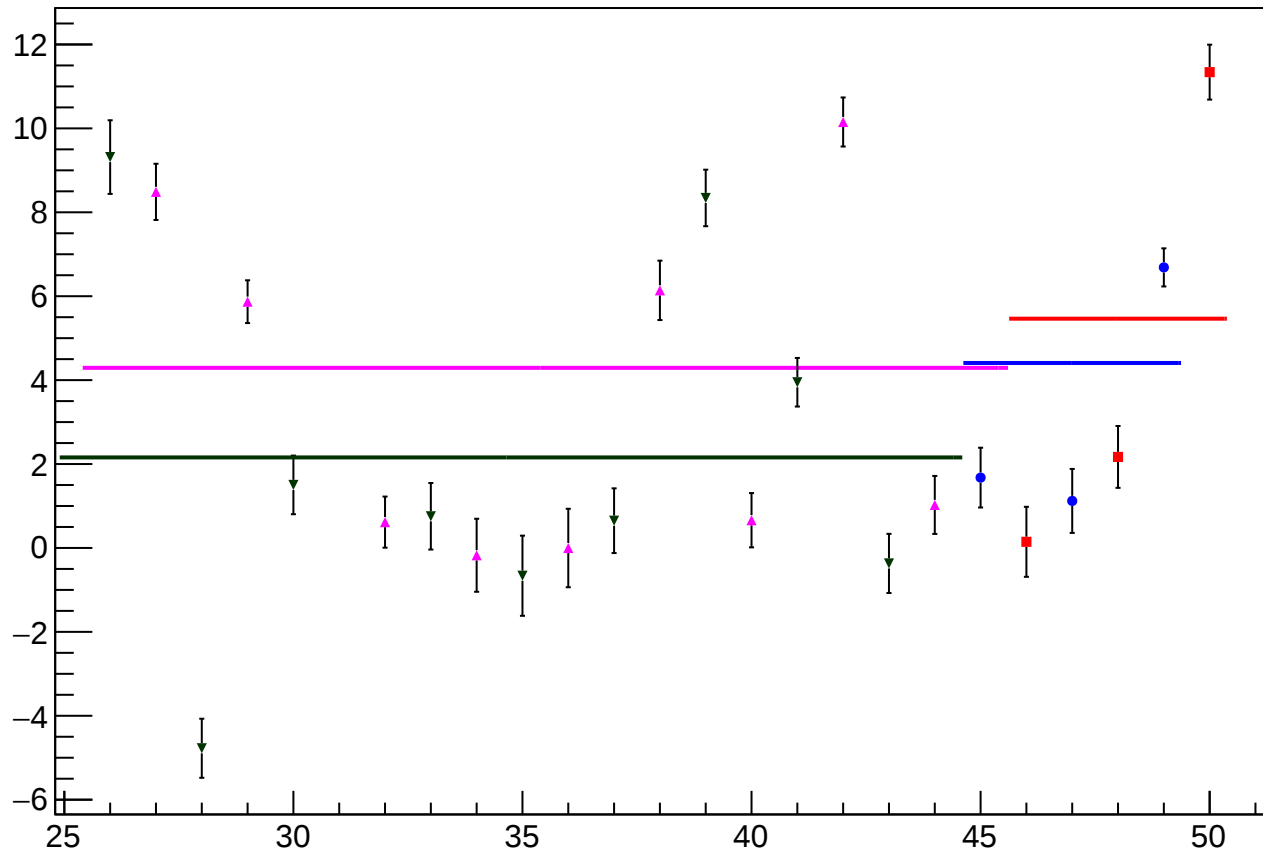
Right Out: 29.720+/-0.058 χ^2/NDF : 1757.7/2

Left In: 31.913+/-0.031 χ^2/NDF : 20133.4/8

31.235+/-0.027 χ^2/NDF : 14726.6/11

31.433+/-0.027 χ^2/NDF : 23019.1/11

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 4.409 ± 0.342 χ^2/NDF : 58.4/2

Left Out: 2.912 ± 0.198 χ^2/NDF : 373.9/11

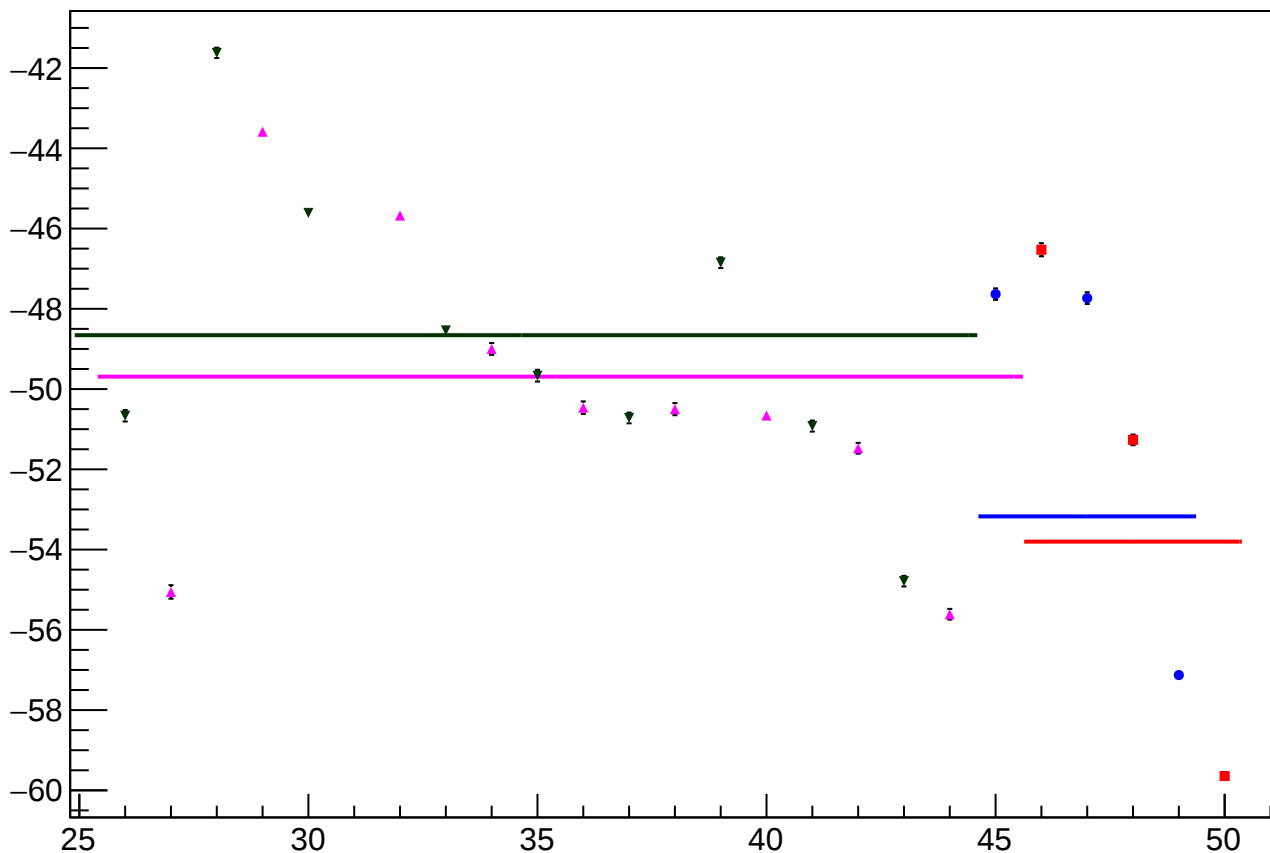
Right Out: 5.465 ± 0.422 χ^2/NDF : 141.2/2

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

Right Out: 5.465 ± 0.422 χ^2/NDF : 141.2/2

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

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

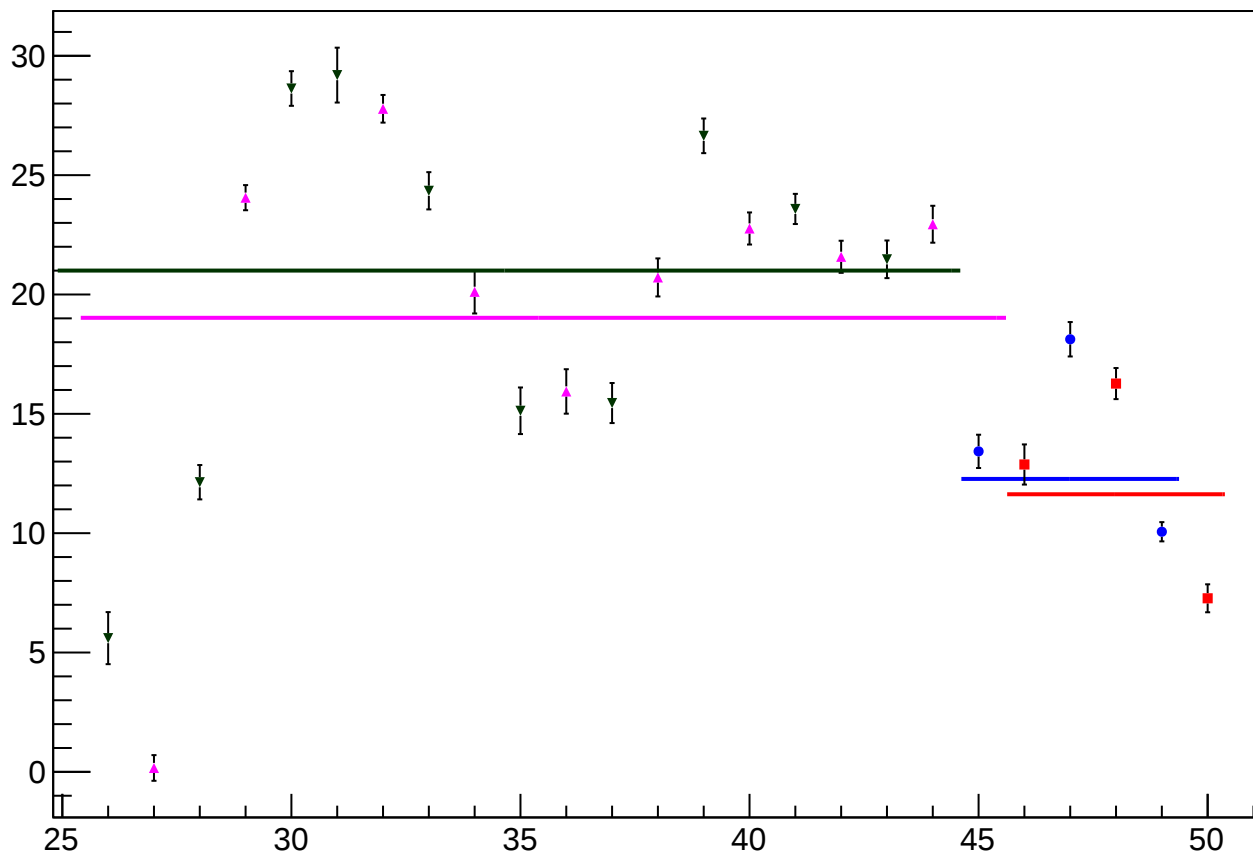
Right Out: -53.802+/-0.078 χ^2/NDF : 4784.6/2

Left In: -49.690+/-0.045 χ^2/NDF : 7146.4/8

-50.058+/-0.037 χ^2/NDF : 14822.4/11

-50.726+/-0.039 χ^2/NDF : 14024.6/11

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

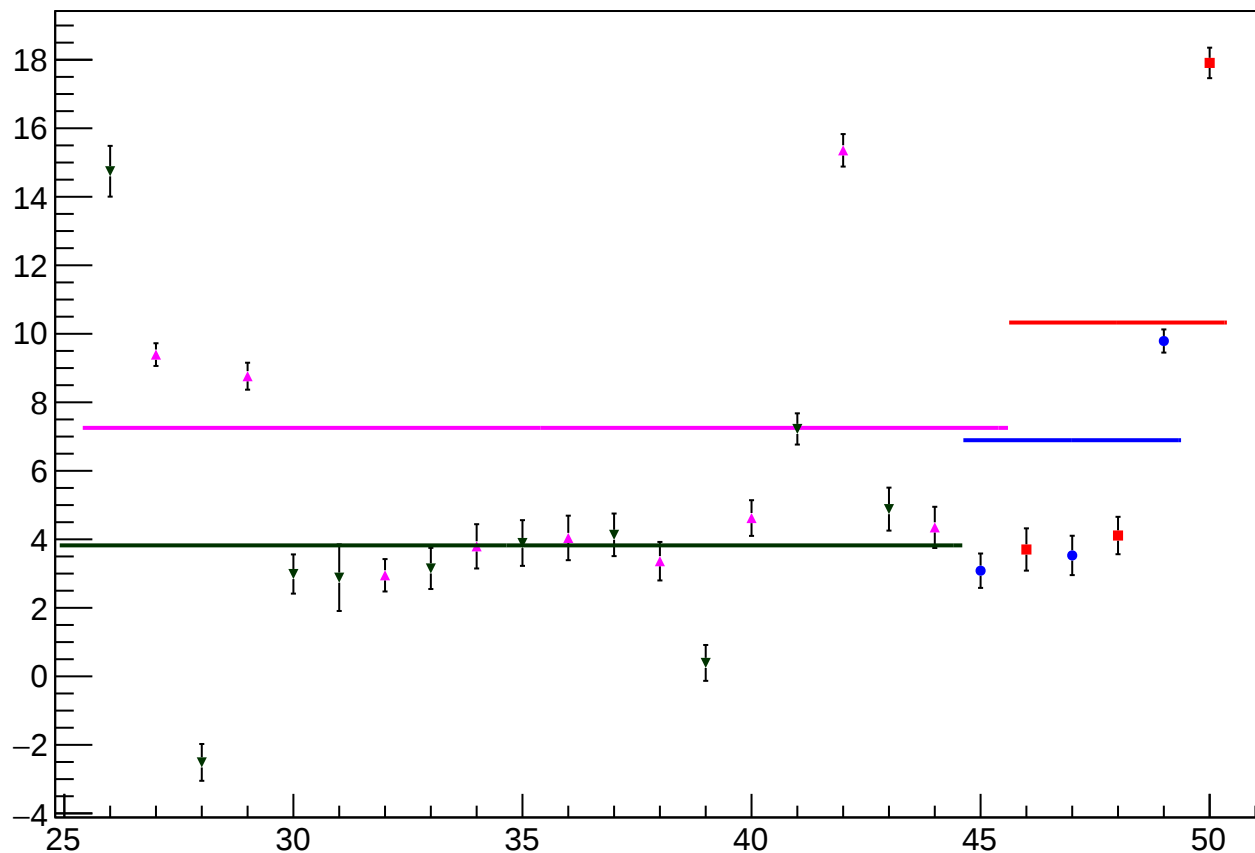
Right Out: 11.631 ± 0.387 χ^2/NDF : 108.2/2

Left In: 19.023 ± 0.223 χ^2/NDF : 1636.4/8

17.557 ± 0.197 χ^2/NDF : 1254.5/12

17.177 ± 0.193 χ^2/NDF : 2018.7/11

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 6.894 ± 0.252 χ^2/NDF : 165.2/2

Left Out: 3.824 ± 0.189 χ^2/NDF : 462.2/9

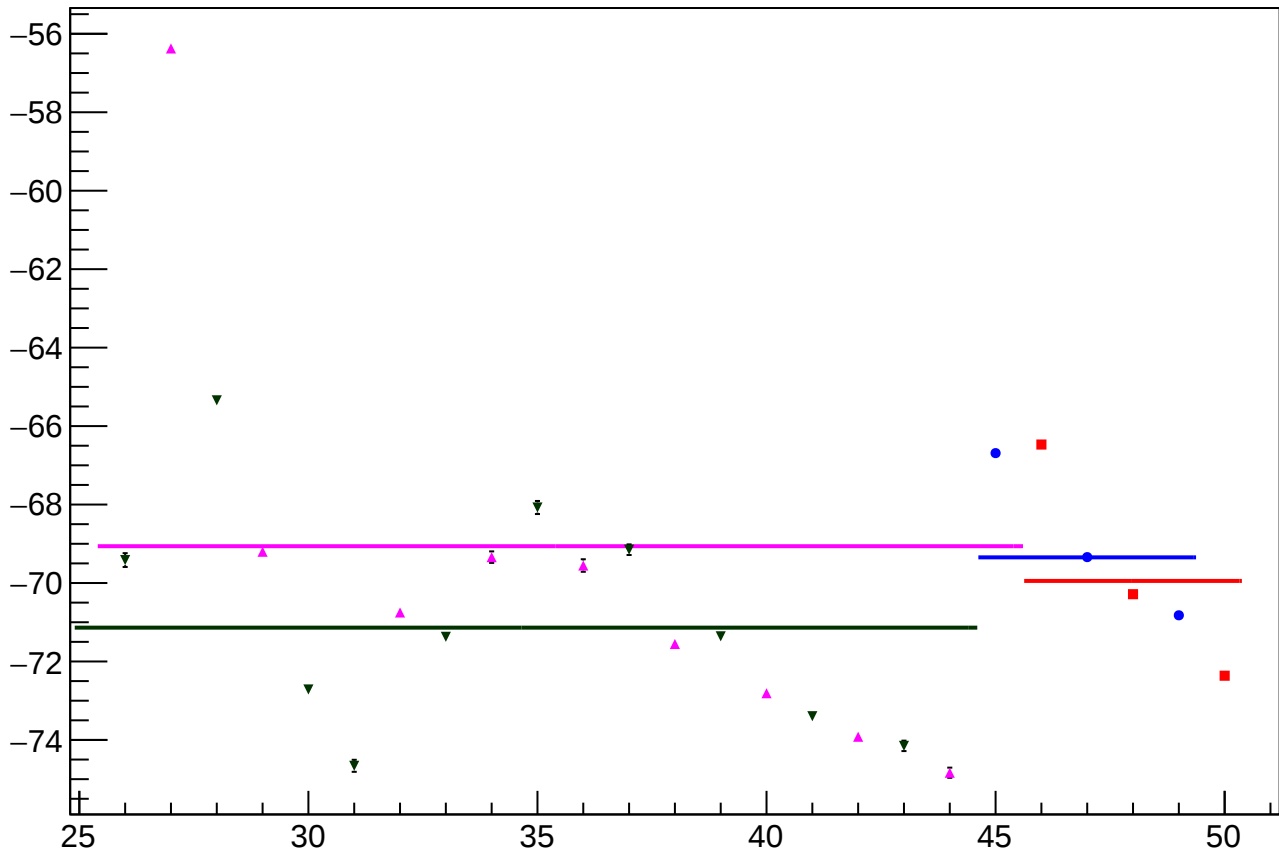
Right Out: 10.329 ± 0.301 χ^2/NDF : 535.0/2

Left In: 7.254 ± 0.160 χ^2/NDF : 580.6/8

4.928 ± 0.151 χ^2/NDF : 722.5/12

7.934 ± 0.142 χ^2/NDF : 1196.9/11

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.346 ± 0.058 χ^2/NDF : 888.8/2

Left Out: -71.138 ± 0.042 χ^2/NDF : 4371.0/9

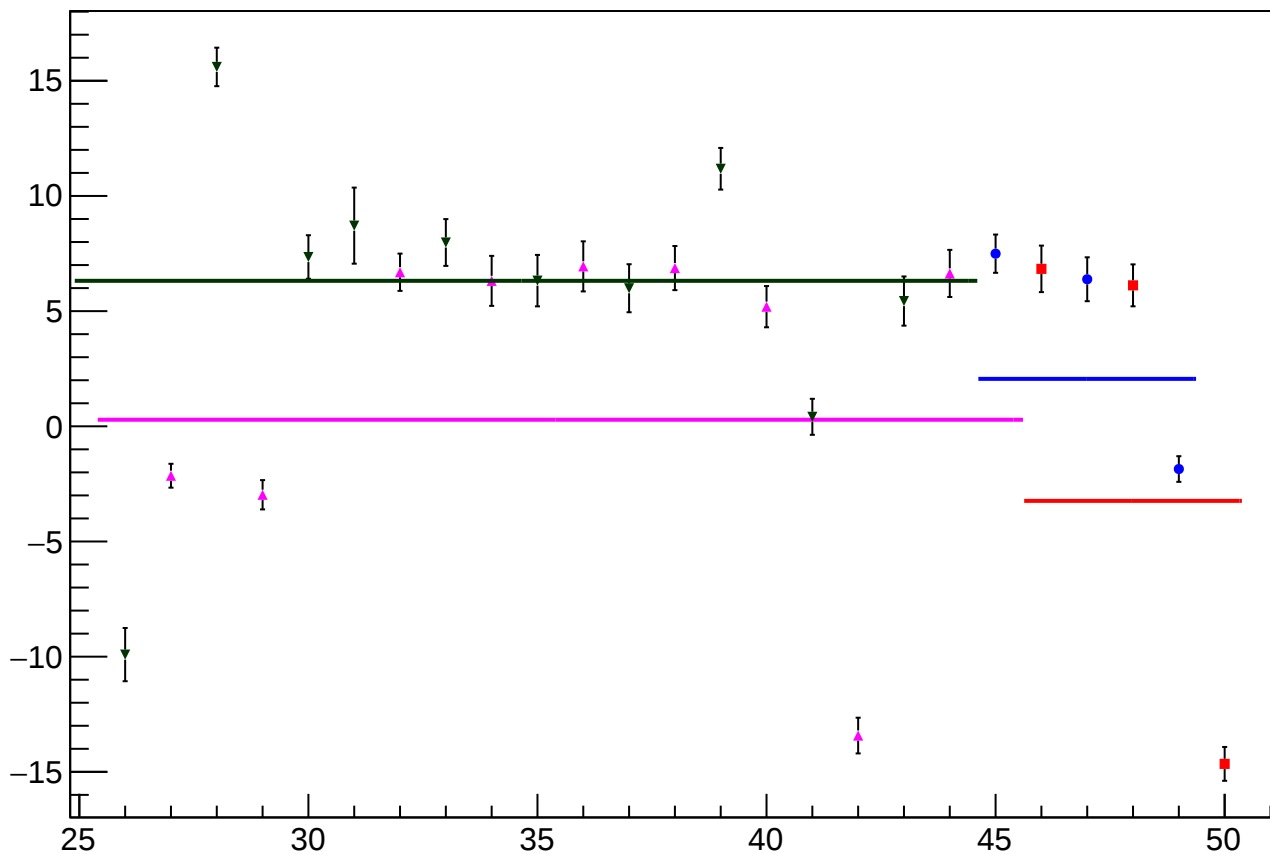
Right Out: -69.947 ± 0.069 χ^2/NDF : 1219.0/2

Left In: -69.062 ± 0.039 χ^2/NDF : 22618.3/8

-70.526 ± 0.034 χ^2/NDF : 5882.8/12

-69.274 ± 0.034 χ^2/NDF : 23963.6/11

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 2.060 ± 0.416 χ^2/NDF : 112.8/2

Left Out: 6.316 ± 0.315 χ^2/NDF : 413.3/9

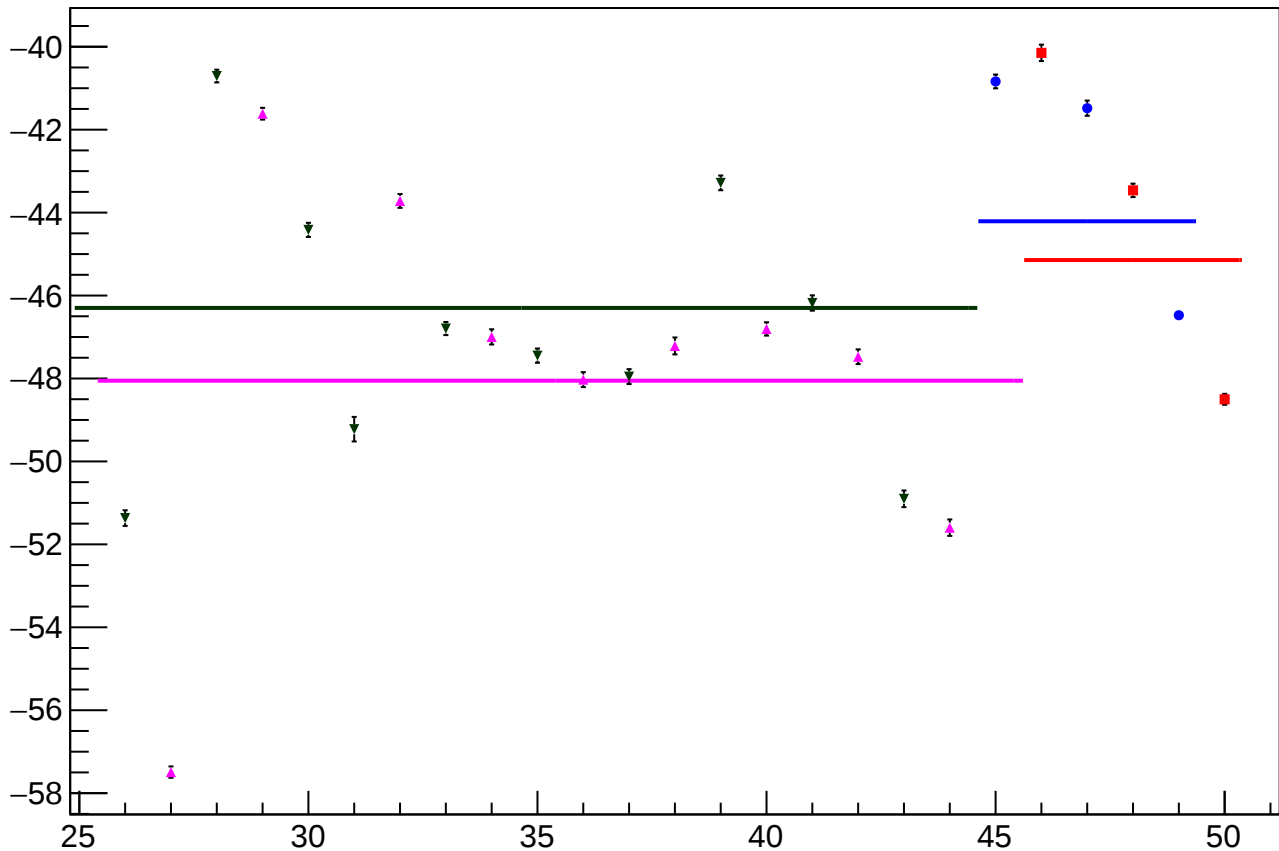
Right Out: -3.237 ± 0.497 χ^2/NDF : 447.0/2

Left In: 0.285 ± 0.264 χ^2/NDF : 608.0/8

4.767 ± 0.251 χ^2/NDF : 592.7/12

-0.488 ± 0.233 χ^2/NDF : 1094.2/11

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.209 $\pm$ 0.080 χ^2/NDF : 1089.9/2

Left Out: -46.298 $\pm$ 0.057 χ^2/NDF : 3214.3/9

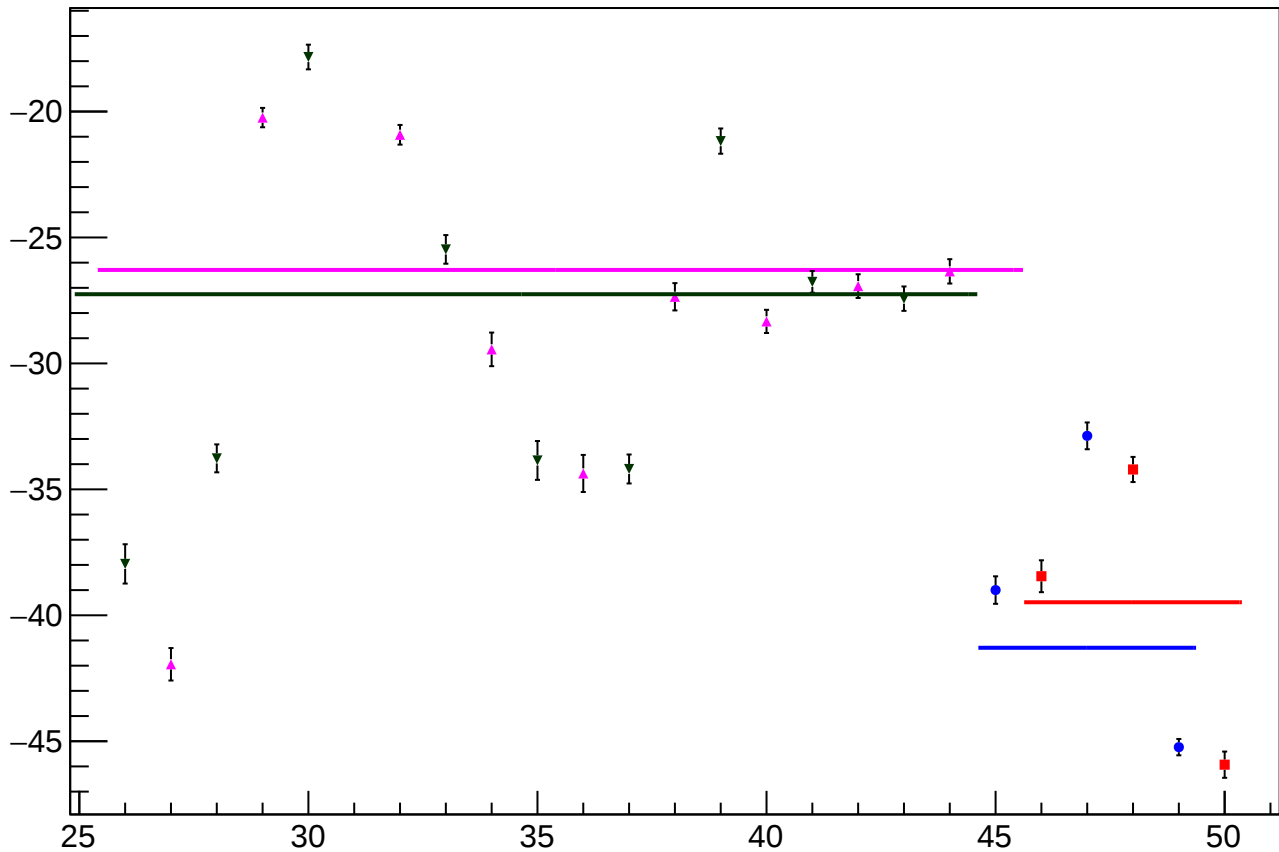
Right Out: -45.144 $\pm$ 0.091 χ^2/NDF : 1388.8/2

Left In: -48.054 $\pm$ 0.056 χ^2/NDF : 7913.0/8

-45.595 $\pm$ 0.047 χ^2/NDF : 4753.7/12

-47.254 $\pm$ 0.048 χ^2/NDF : 10043.2/11

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -41.289±/0.247 χ^2/NDF : 415.3/2

Left Out: -27.253±/0.181 χ^2/NDF :1073.0/8

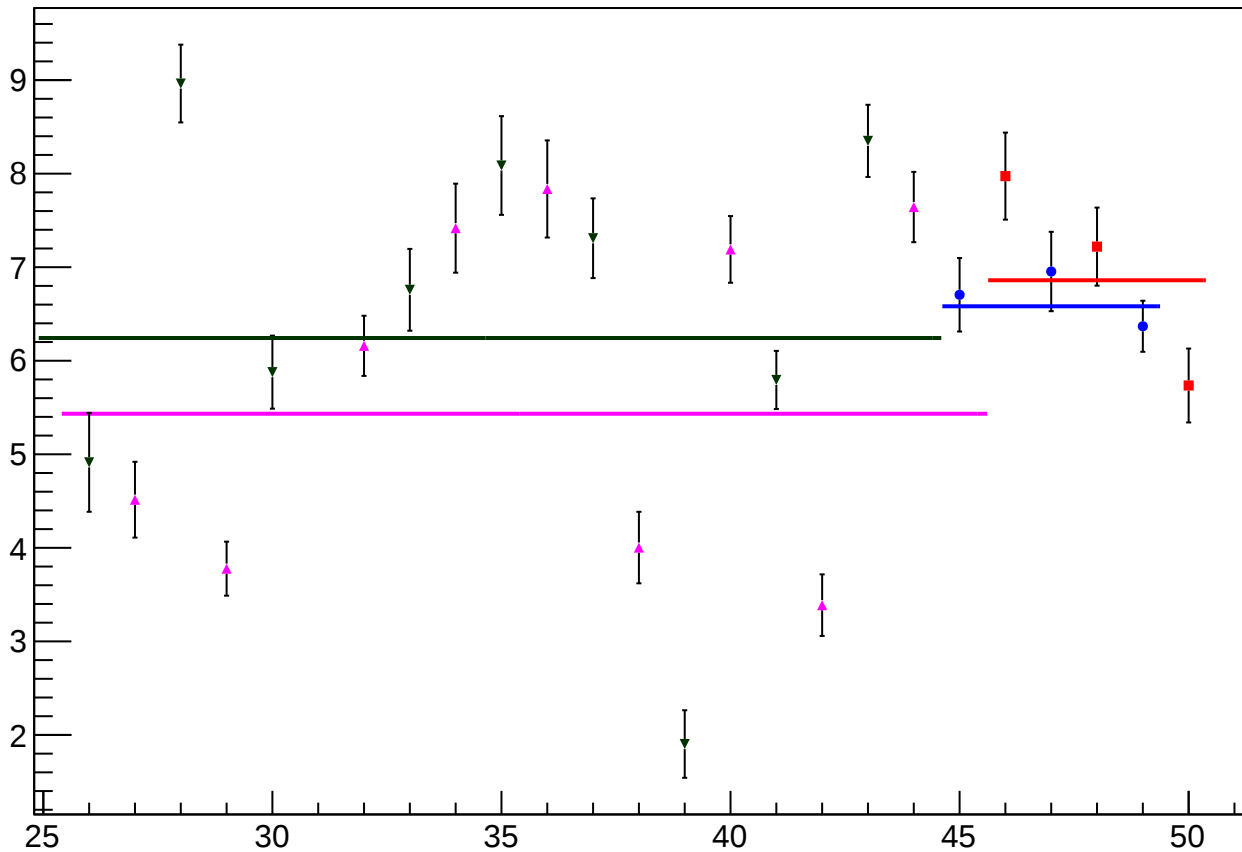
Right Out: -39.482±/0.313 χ^2/NDF : 267.5/2

Left In: -26.289±/0.165 χ^2/NDF :1194.5/8

-32.153±/0.146 χ^2/NDF : 3587.3/11

-29.155±/0.146 χ^2/NDF : 2851.5/11

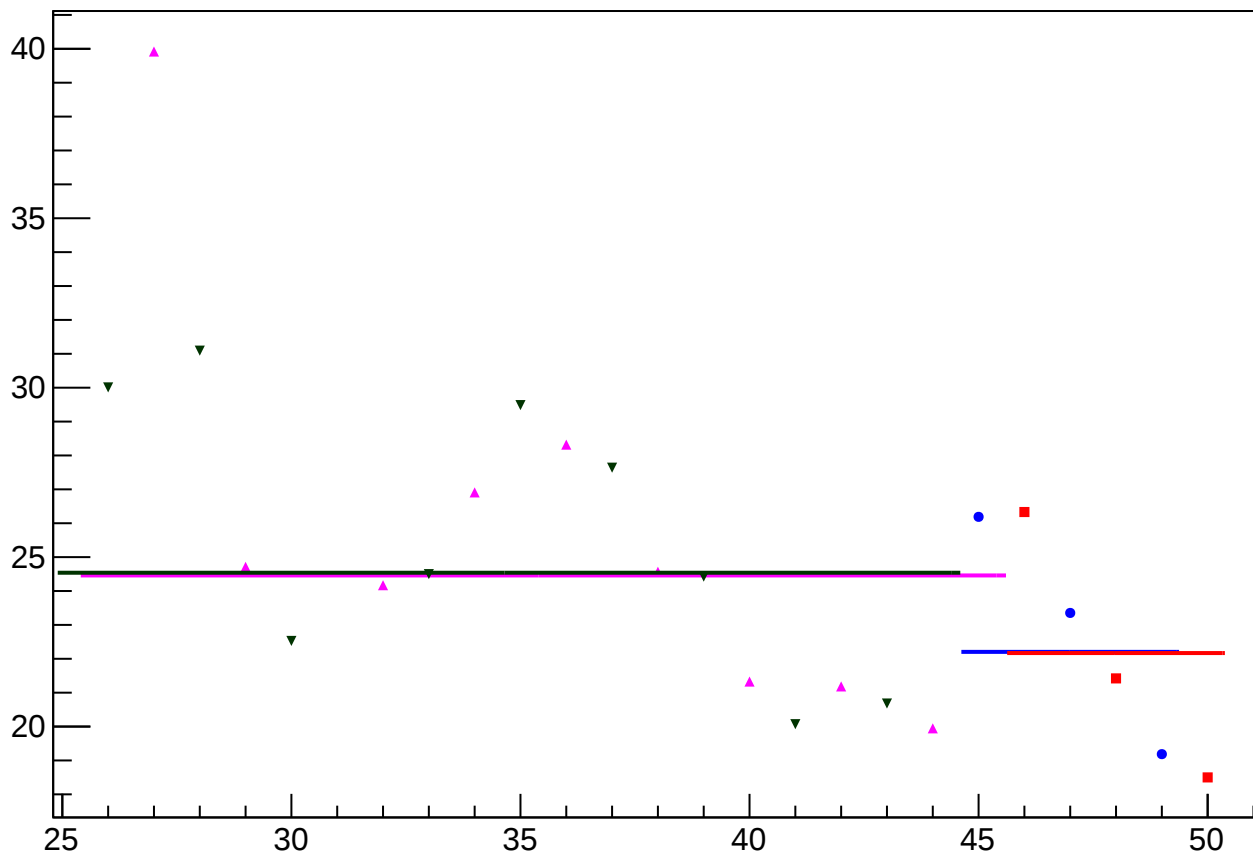
reg_asym_dsr_diff_bpm4aY_slope vs slug



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: 6.860 ± 0.244 χ^2/NDF : 14.6/2
 Left In: 5.433 ± 0.122 χ^2/NDF : 193.5/8

6.350 ± 0.111 χ^2/NDF : 249.8/11
 5.719 ± 0.109 χ^2/NDF : 235.4/11

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 22.204 $\pm$ 0.046 χ^2 /NDF: 4303.4/2

Left Out: 24.539 $\pm$ 0.030 χ^2 /NDF:15395.0/8

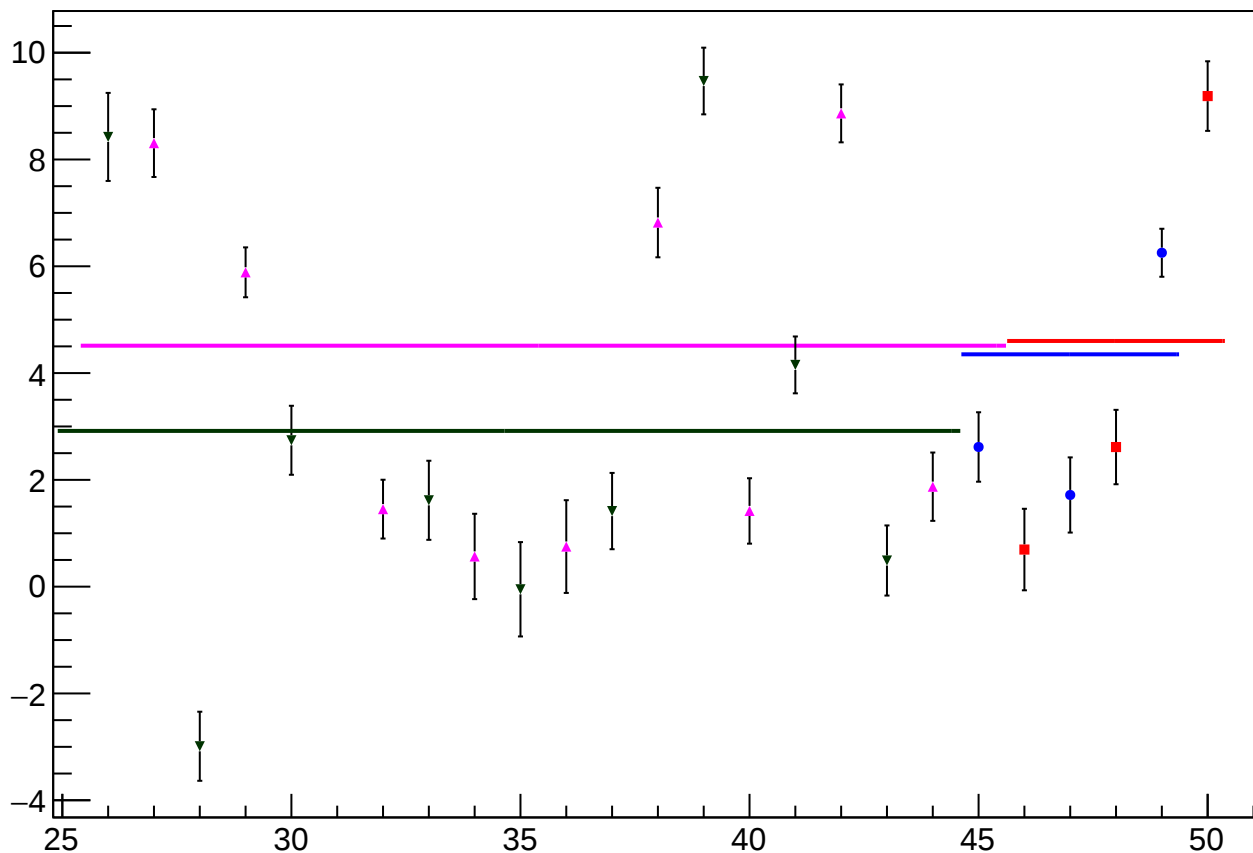
Right Out: 22.169 $\pm$ 0.055 χ^2 /NDF: 3324.5/2

Left In: 24.459 $\pm$ 0.028 χ^2 /NDF:26092.7/8

23.829 $\pm$ 0.025 χ^2 /NDF: 21522.2/11

23.980 $\pm$ 0.025 χ^2 /NDF: 30798.3/11

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 4.351+/-0.327 χ^2/NDF : 39.0/2

Left Out: 2.917+/-0.225 χ^2/NDF : 276.0/8

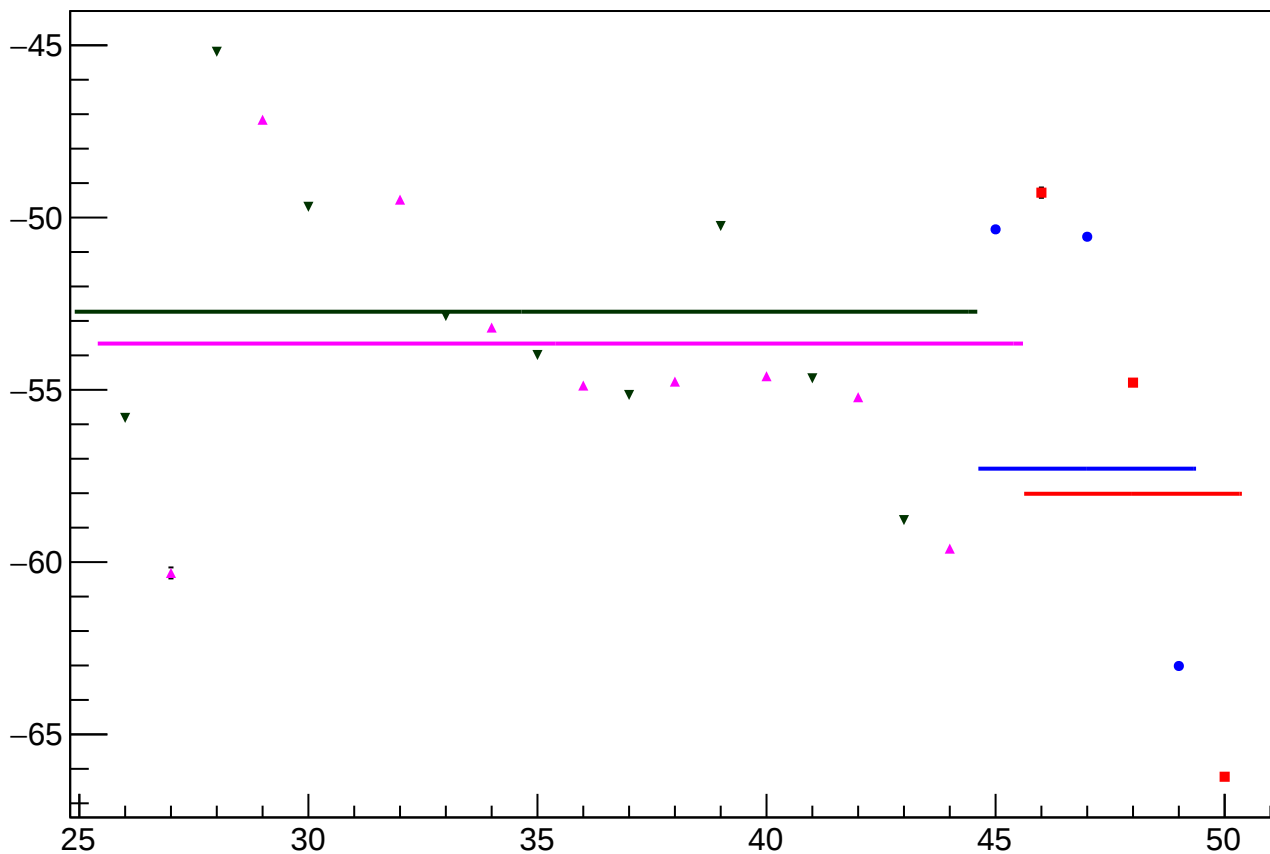
Right Out: 4.601+/-0.404 χ^2/NDF : 83.8/2

Left In: 4.513+/-0.204 χ^2/NDF : 238.0/8

3.377+/-0.185 χ^2/NDF : 328.0/11

4.531+/-0.182 χ^2/NDF : 321.9/11

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

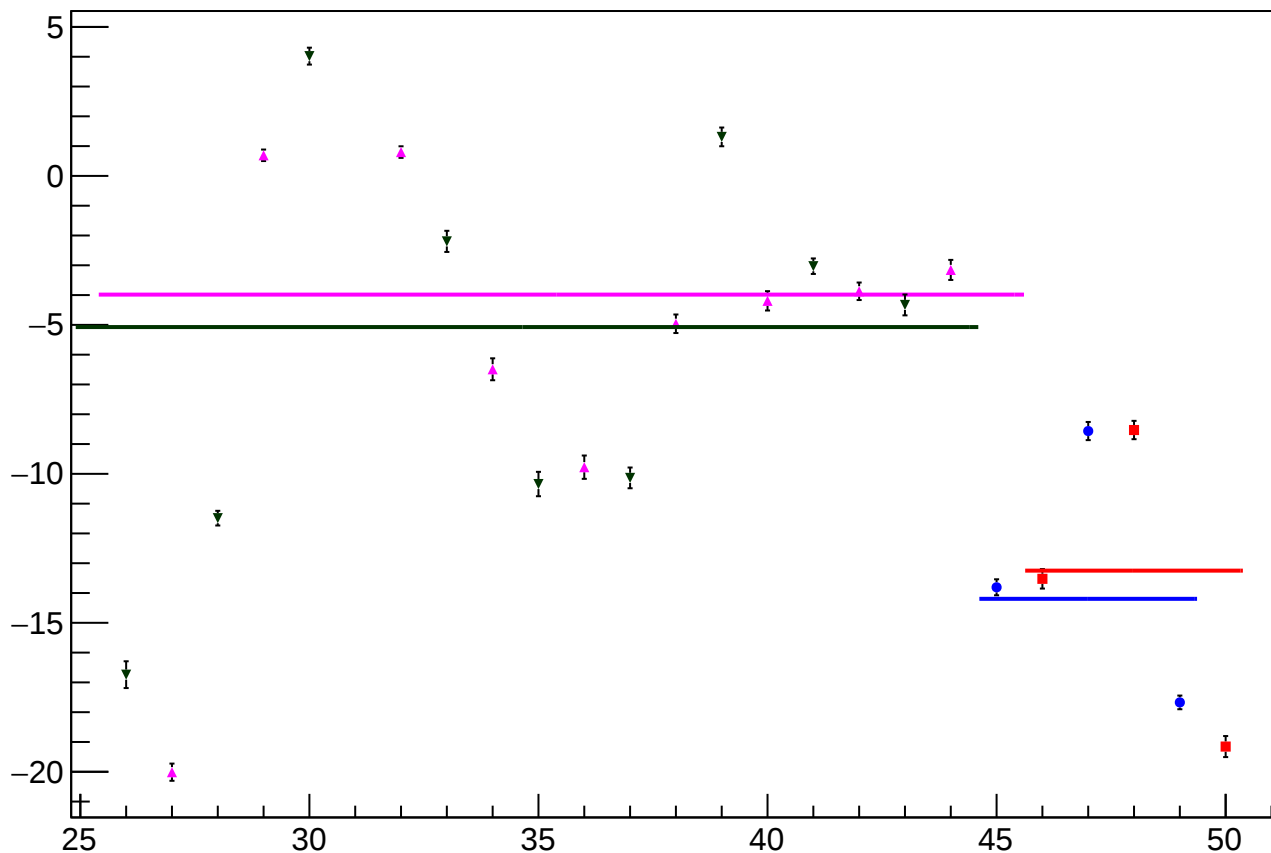
Right Out: -58.016 ± 0.075 χ^2/NDF : 8922.4/2

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-54.087 ± 0.035 χ^2/NDF : 22123.6/11

-54.693 ± 0.036 χ^2/NDF : 21099.6/11

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

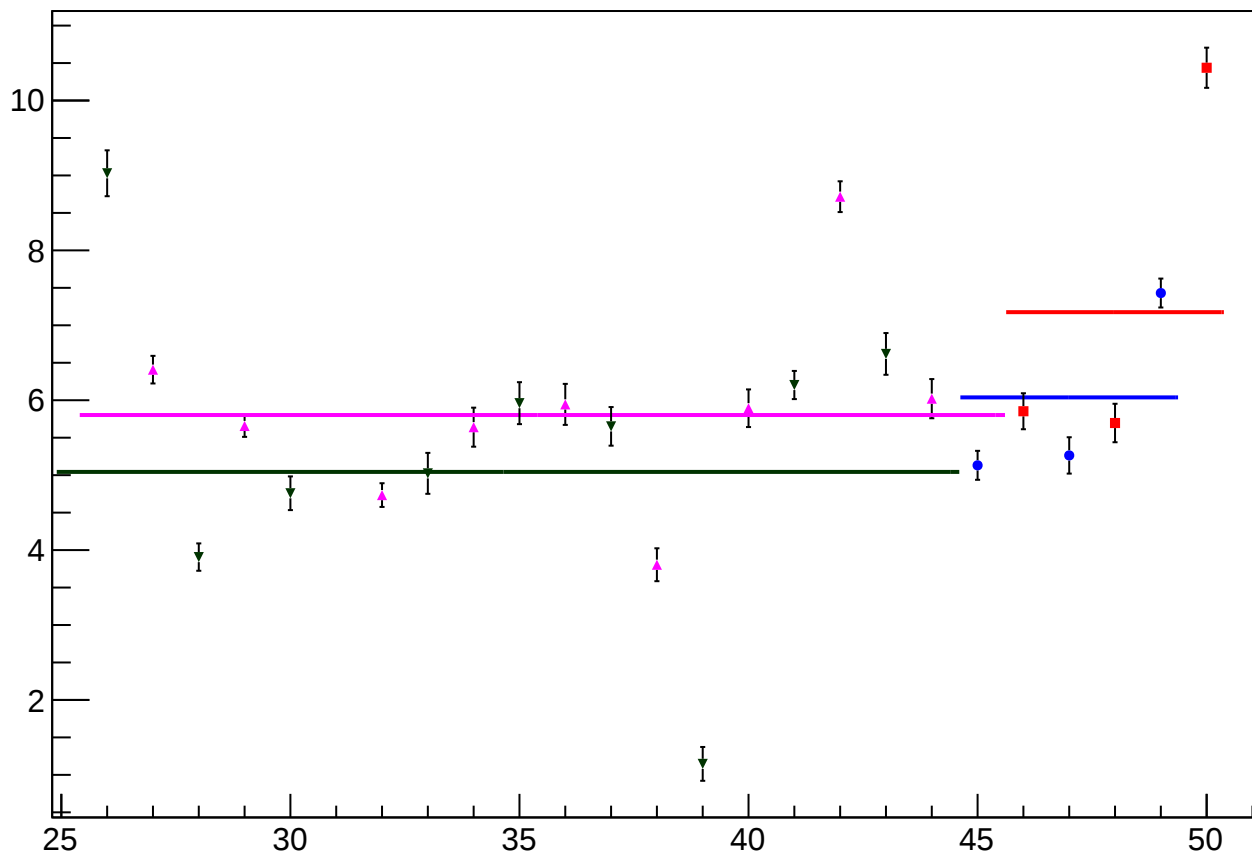
Right Out: -13.249 ± 0.189 χ^2/NDF : 515.7/2

Left In: -3.984 ± 0.091 χ^2/NDF : 4557.3/8

-8.074 ± 0.087 χ^2/NDF : 6305.5/11

-5.740 ± 0.082 χ^2/NDF : 7016.2/11

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 6.038 $\pm$ 0.119 χ^2 /NDF: 84.3/2

Left Out: 5.043 $\pm$ 0.078 χ^2 /NDF: 594.0/8

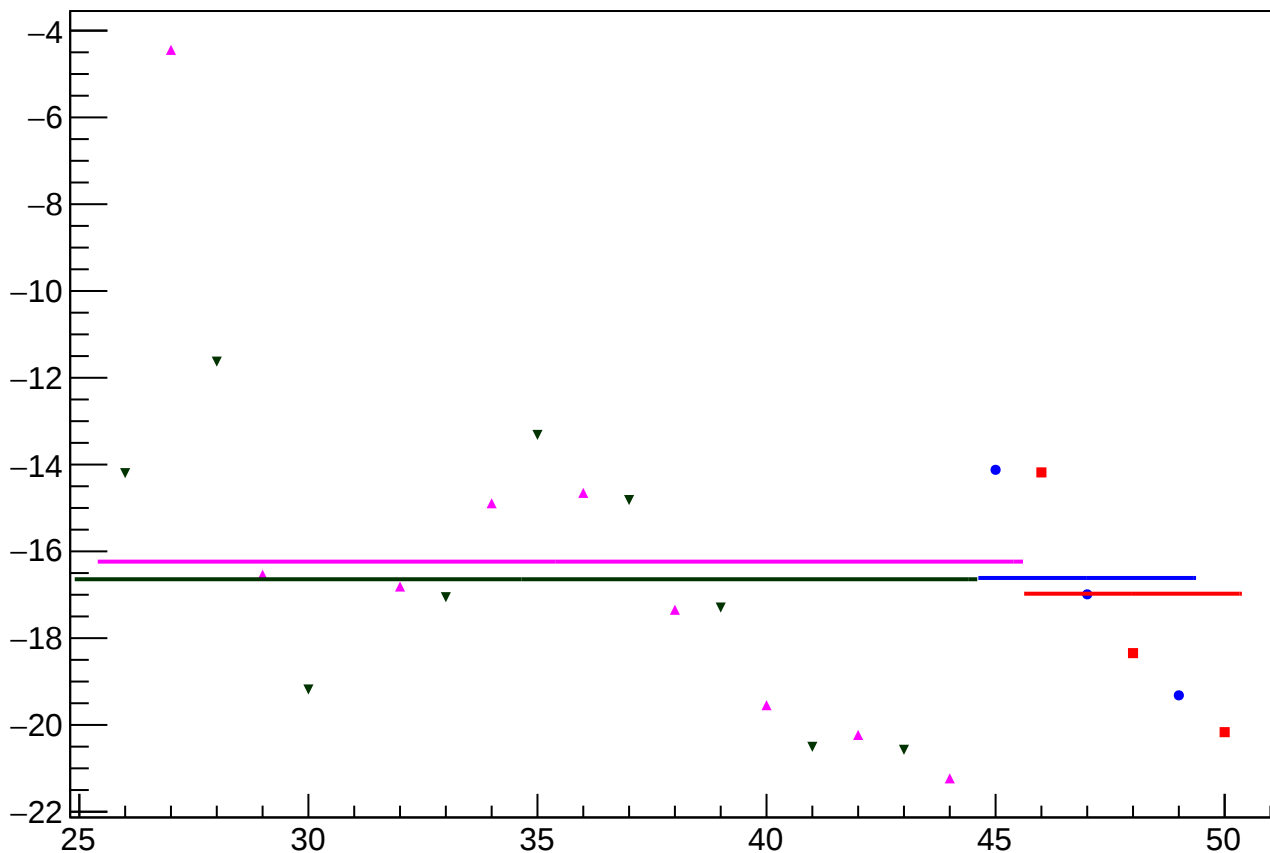
Right Out: 7.175 $\pm$ 0.147 χ^2 /NDF: 211.6/2

Left In: 5.803 $\pm$ 0.067 χ^2 /NDF: 343.0/8

5.345 $\pm$ 0.066 χ^2 /NDF: 727.0/11

6.042 $\pm$ 0.061 χ^2 /NDF: 626.8/11

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

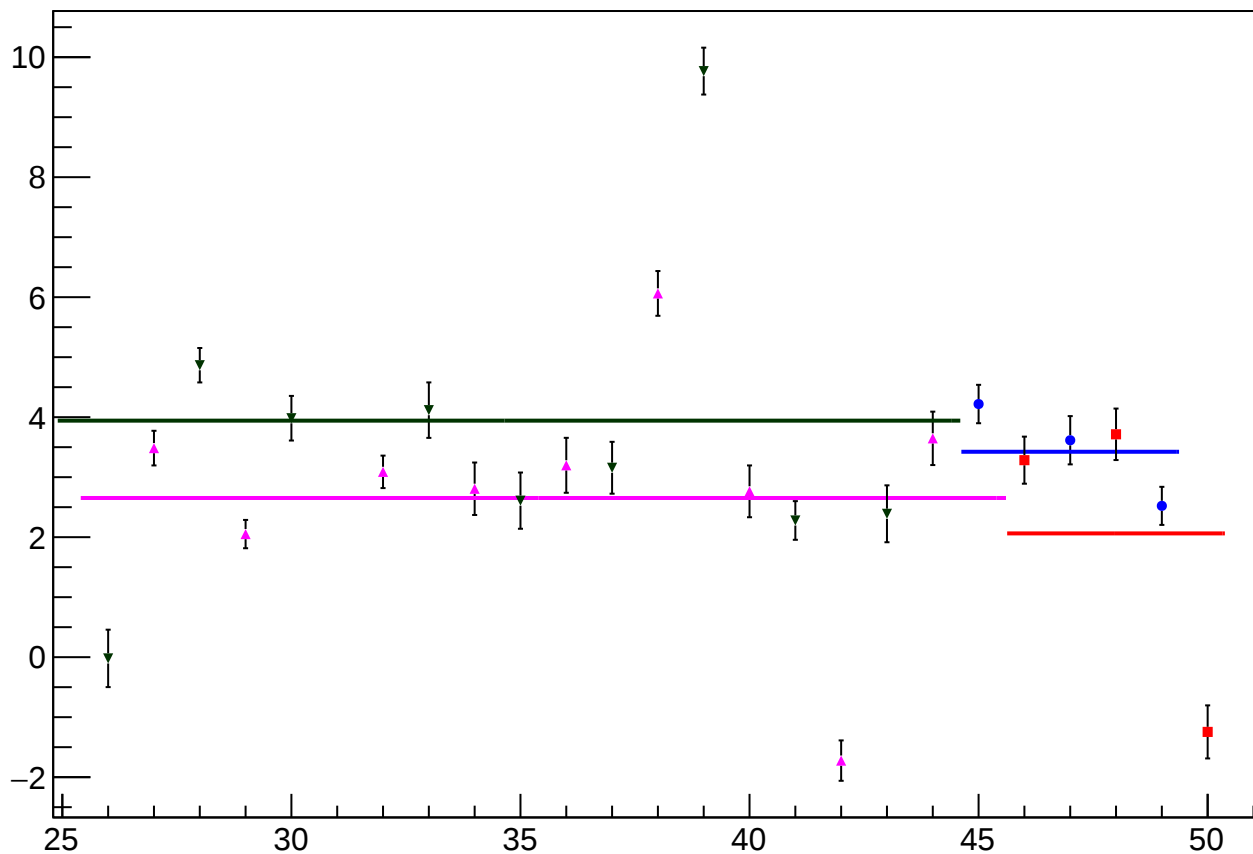
Right Out: -16.976 ± 0.032 χ^2/NDF : 6025.0/2

Left In: -16.237 ± 0.016 χ^2/NDF : 73670.4/8

-16.634 ± 0.015 χ^2/NDF : 39687.4/11

-16.375 ± 0.014 χ^2/NDF : 80118.9/11

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

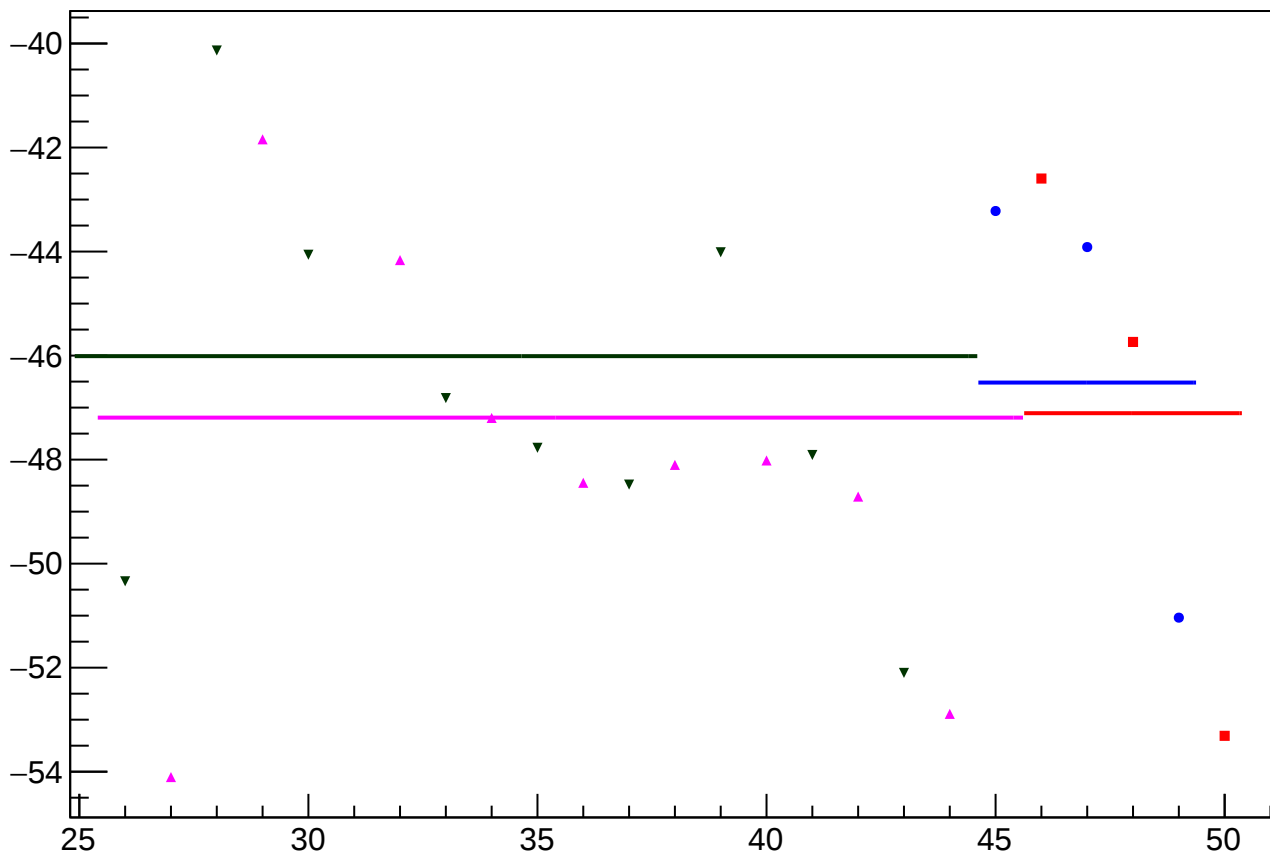
Right Out: 2.063 $\pm$ 0.242 χ^2 /NDF: 80.5/2

Left In: 2.653 $\pm$ 0.112 χ^2 /NDF: 276.7/8

3.784 $\pm$ 0.109 χ^2 /NDF: 369.6/11

2.550 $\pm$ 0.101 χ^2 /NDF: 362.1/11

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -46.519+/-0.038 χ^2/NDF : 9347.7/2

Left Out: -46.011+/-0.024 χ^2/NDF : 23317.4/8

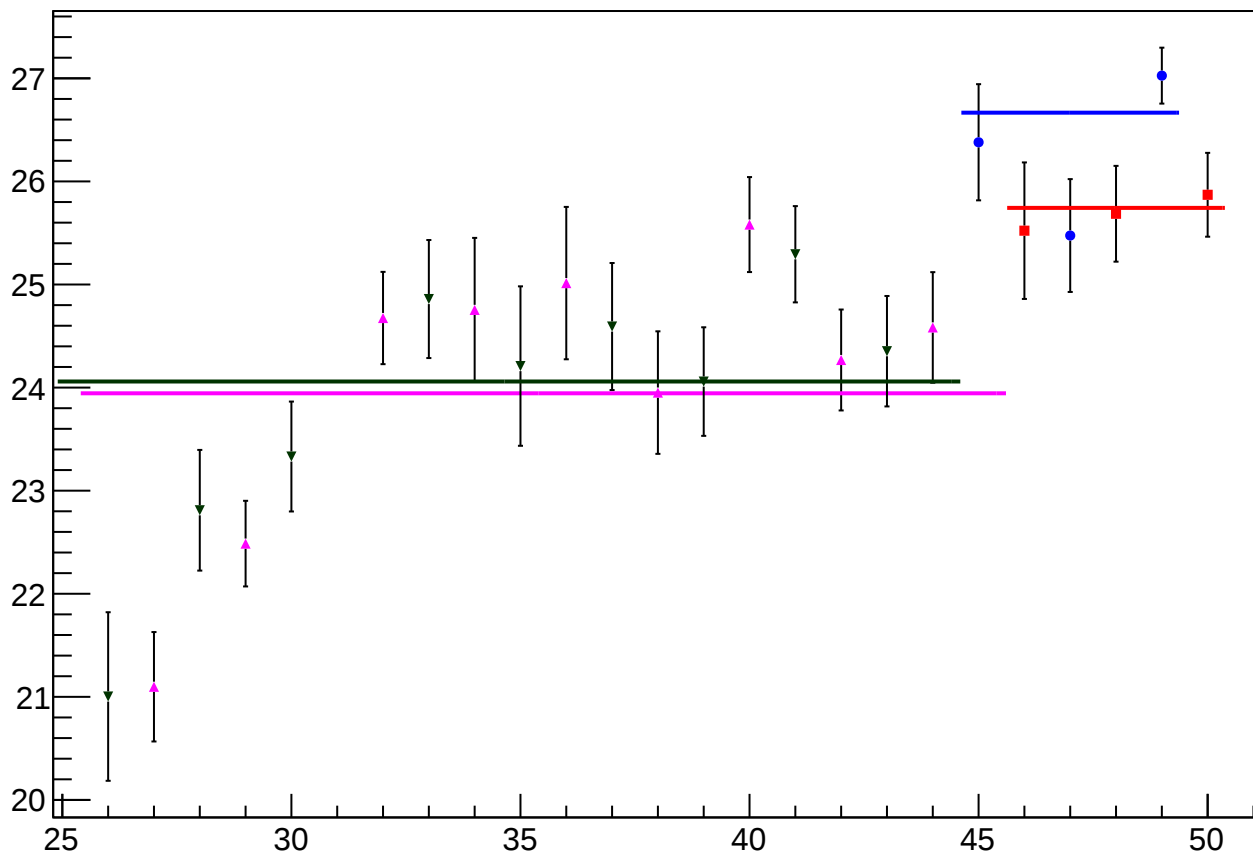
Right Out: -47.107+/-0.046 χ^2/NDF : 9750.0/2

Left In: -47.193+/-0.023 χ^2/NDF : 27380.9/8

-46.155+/-0.020 χ^2/NDF : 32791.2/11

-47.175+/-0.021 χ^2/NDF : 37133.7/11

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

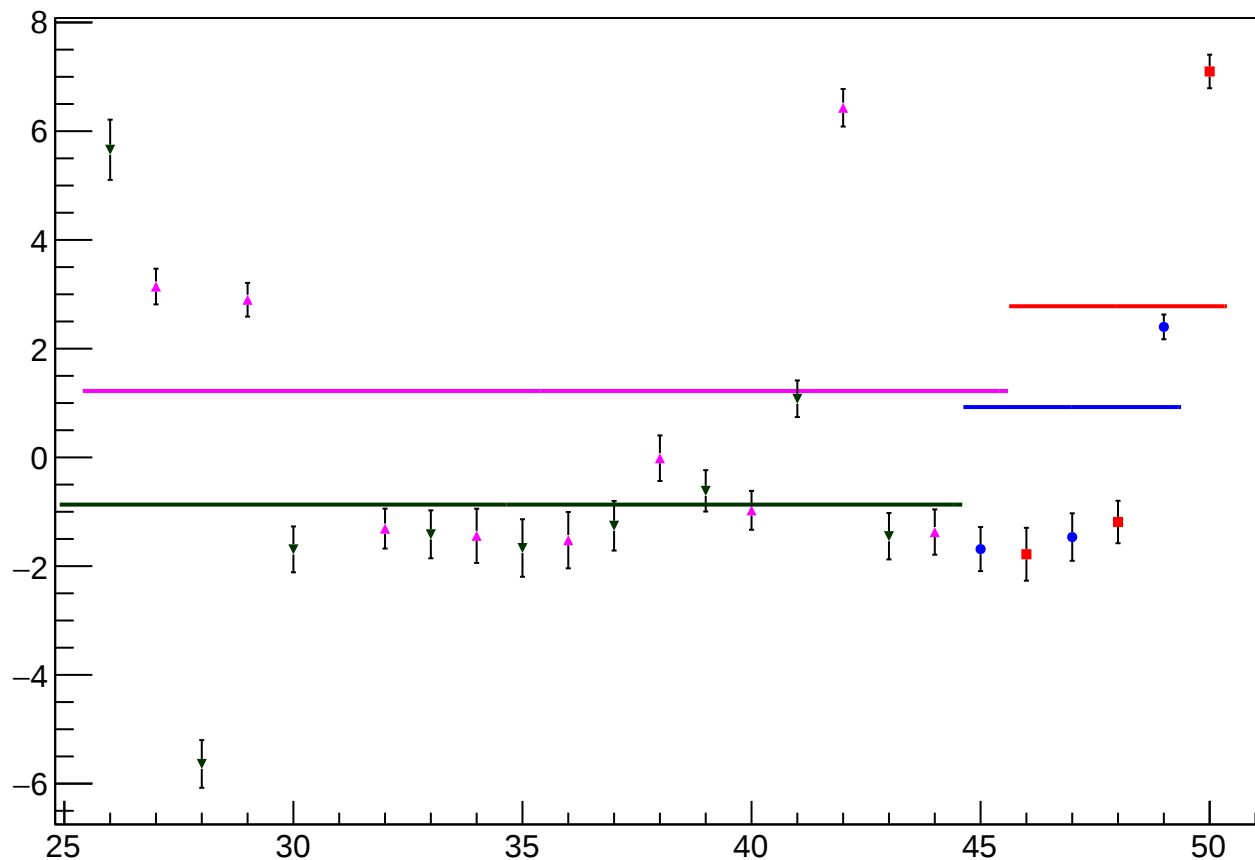
Right Out: 25.743 $\pm$ 0.278 χ^2/NDF : 0.2/2

Left In: 23.945 $\pm$ 0.173 χ^2/NDF : 61.7/8

25.172 $\pm$ 0.146 χ^2/NDF : 115.4/11

24.447 $\pm$ 0.147 χ^2/NDF : 92.1/11

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 $\chi^2/\text{NDF}: 300.9/8$

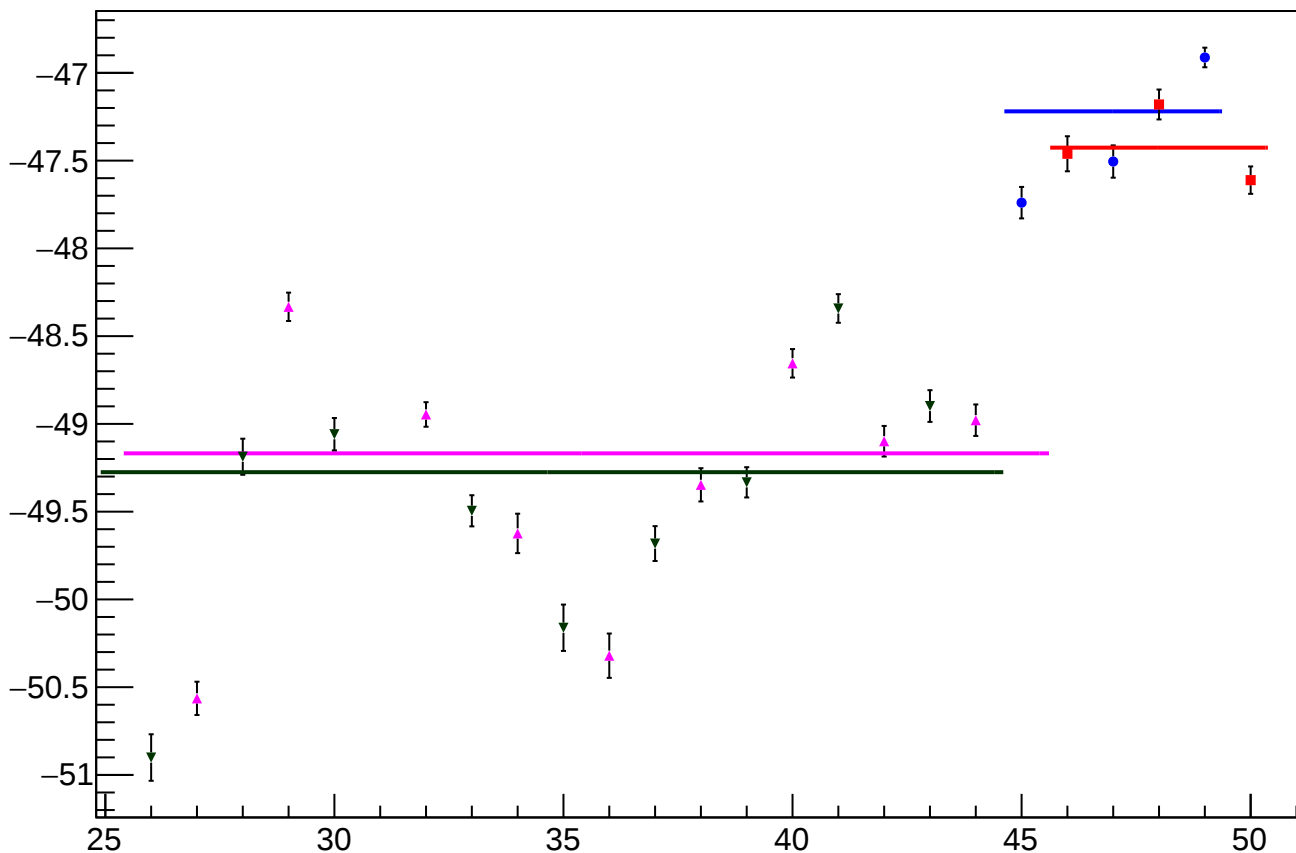
Right Out: 2.780 ± 0.217 $\chi^2/\text{NDF}: 387.2/2$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

-0.176 ± 0.112 $\chi^2/\text{NDF}: 474.9/11$

1.618 ± 0.109 $\chi^2/\text{NDF}: 906.1/11$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.219 $\pm$ 0.042 χ^2 /NDF: 73.5/2

Left Out: -49.275 $\pm$ 0.032 χ^2 /NDF: 373.5/8

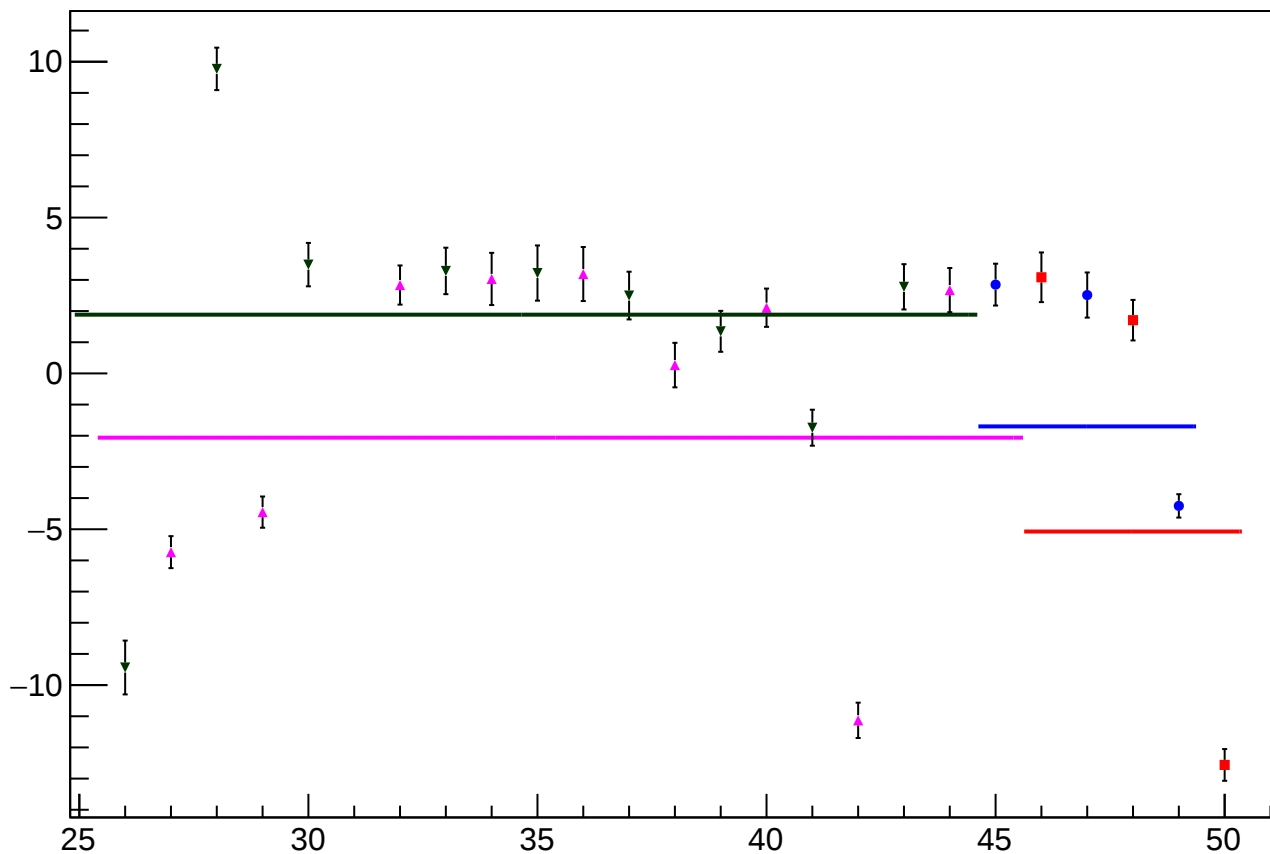
Right Out: -47.426 $\pm$ 0.050 χ^2 /NDF: 14.1/2

Left In: -49.168 $\pm$ 0.030 χ^2 /NDF: 481.7/8

-48.517 $\pm$ 0.026 χ^2 /NDF: 1948.6/11

-48.710 $\pm$ 0.026 χ^2 /NDF: 1395.6/11

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

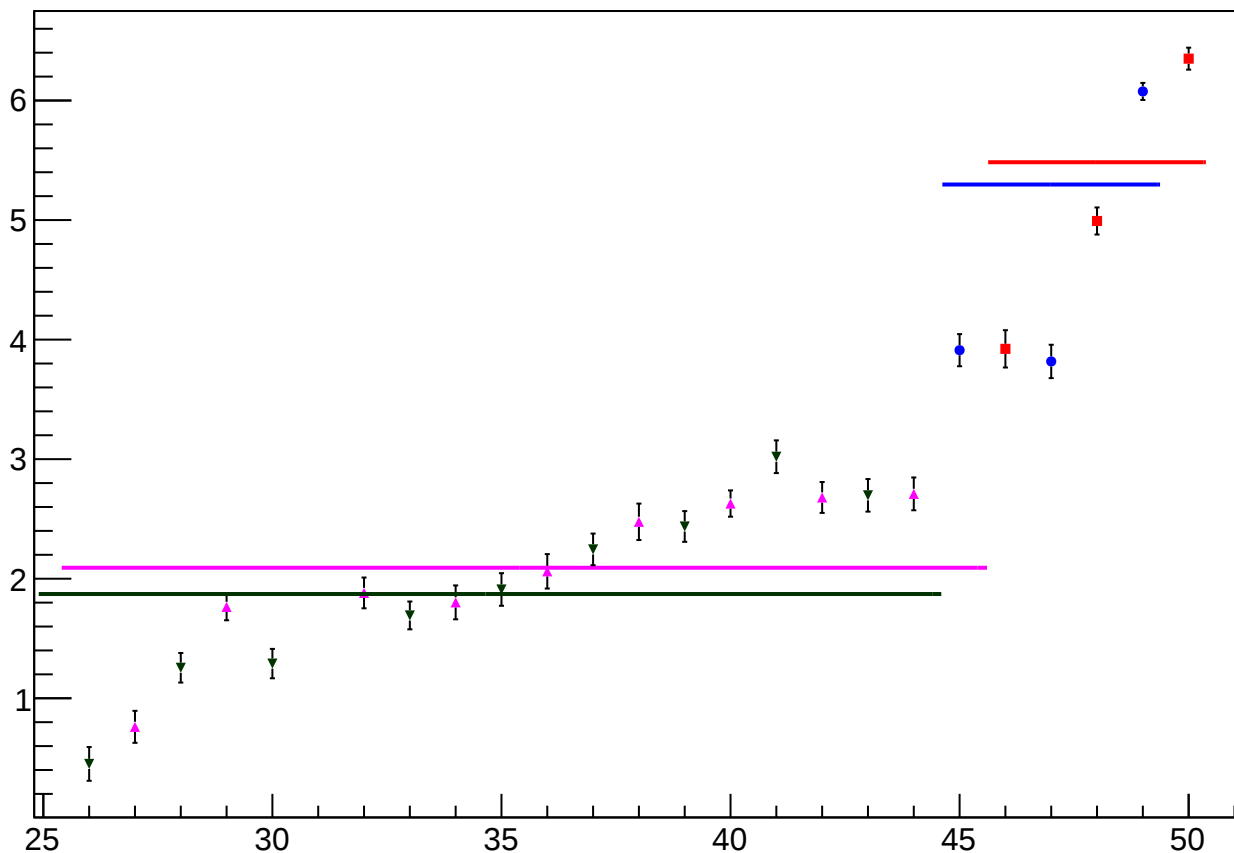
Right Out: -5.073 ± 0.358 χ^2/NDF : 429.8/2

Left In: -2.062 ± 0.209 χ^2/NDF : 565.9/8

0.485 ± 0.186 χ^2/NDF : 573.6/11

-2.829 ± 0.181 χ^2/NDF : 1048.3/11

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.297 ± 0.057 χ^2/NDF : 337.7/2

Left Out: 1.872 ± 0.043 χ^2/NDF : 285.3/8

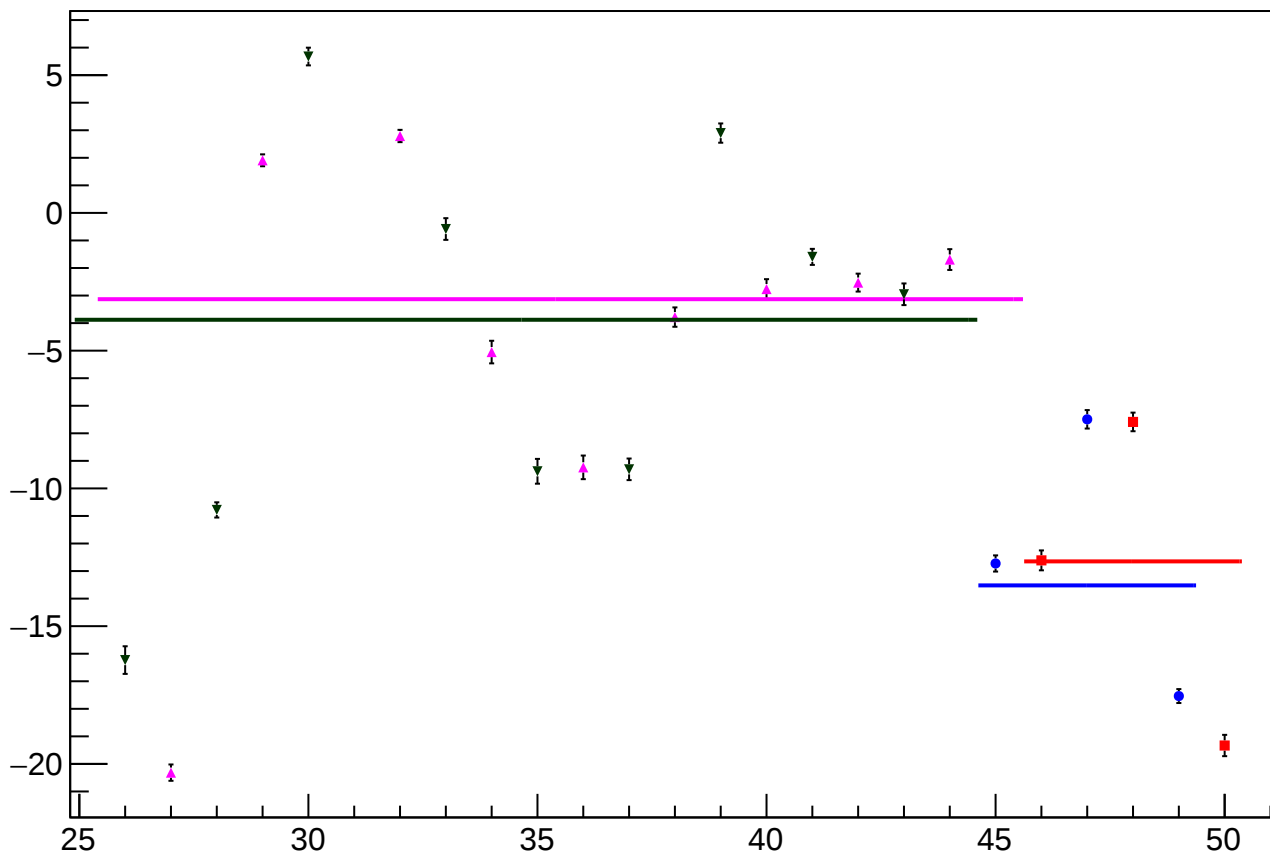
Right Out: 5.484 ± 0.065 χ^2/NDF : 207.8/2

Left In: 2.092 ± 0.043 χ^2/NDF : 185.6/8

3.112 ± 0.035 χ^2/NDF : 2891.1/11

3.137 ± 0.036 χ^2/NDF : 2283.1/11

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

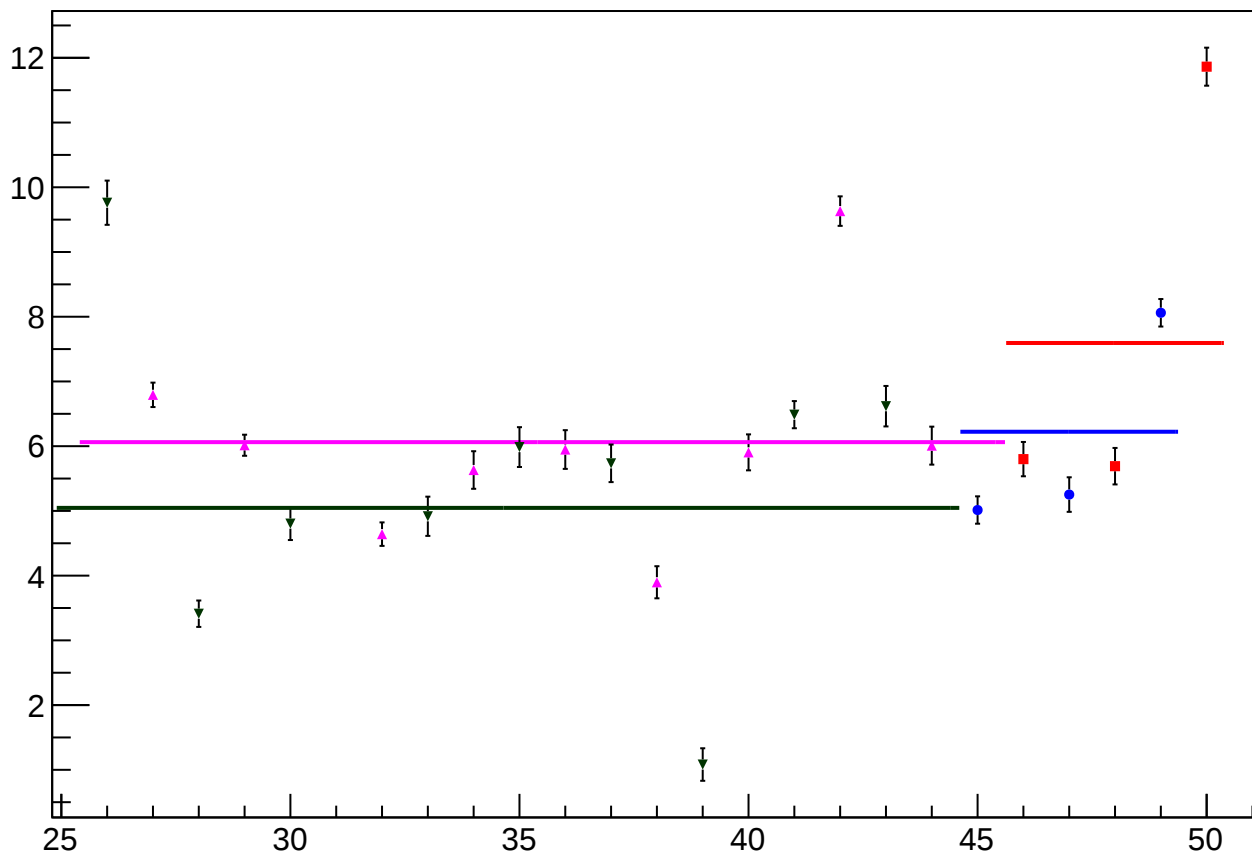
Right Out: -12.649 $\pm$ 0.208 χ^2 /NDF: 523.1/2

Left In: -3.132 $\pm$ 0.102 χ^2 /NDF: 4858.7/8

-7.126 $\pm$ 0.097 χ^2 /NDF: 5779.7/11

-4.969 $\pm$ 0.091 χ^2 /NDF: 7070.9/11

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

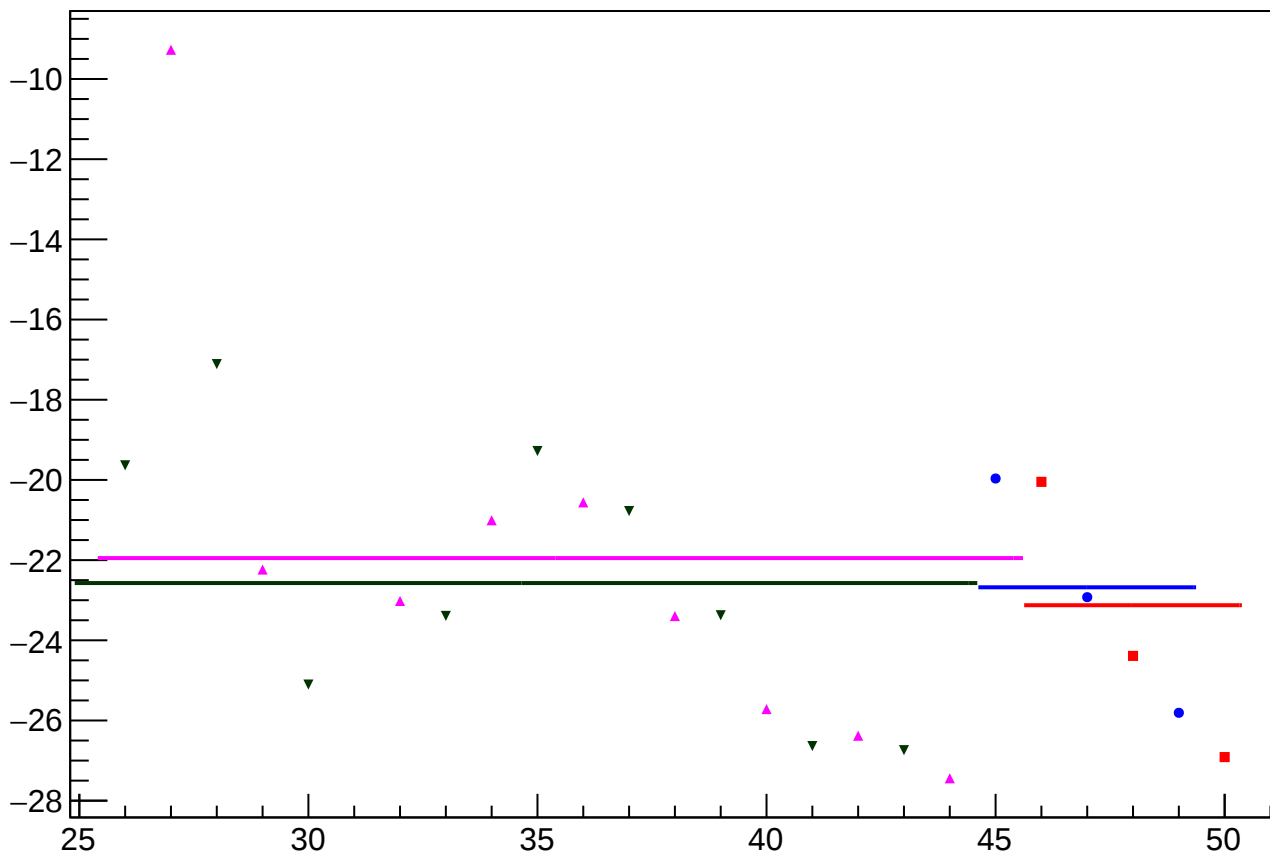
Right Out: 7.594 ± 0.161 χ^2/NDF : 302.6/2

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.412 ± 0.073 χ^2/NDF : 768.9/11

6.333 ± 0.068 χ^2/NDF : 777.4/11

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

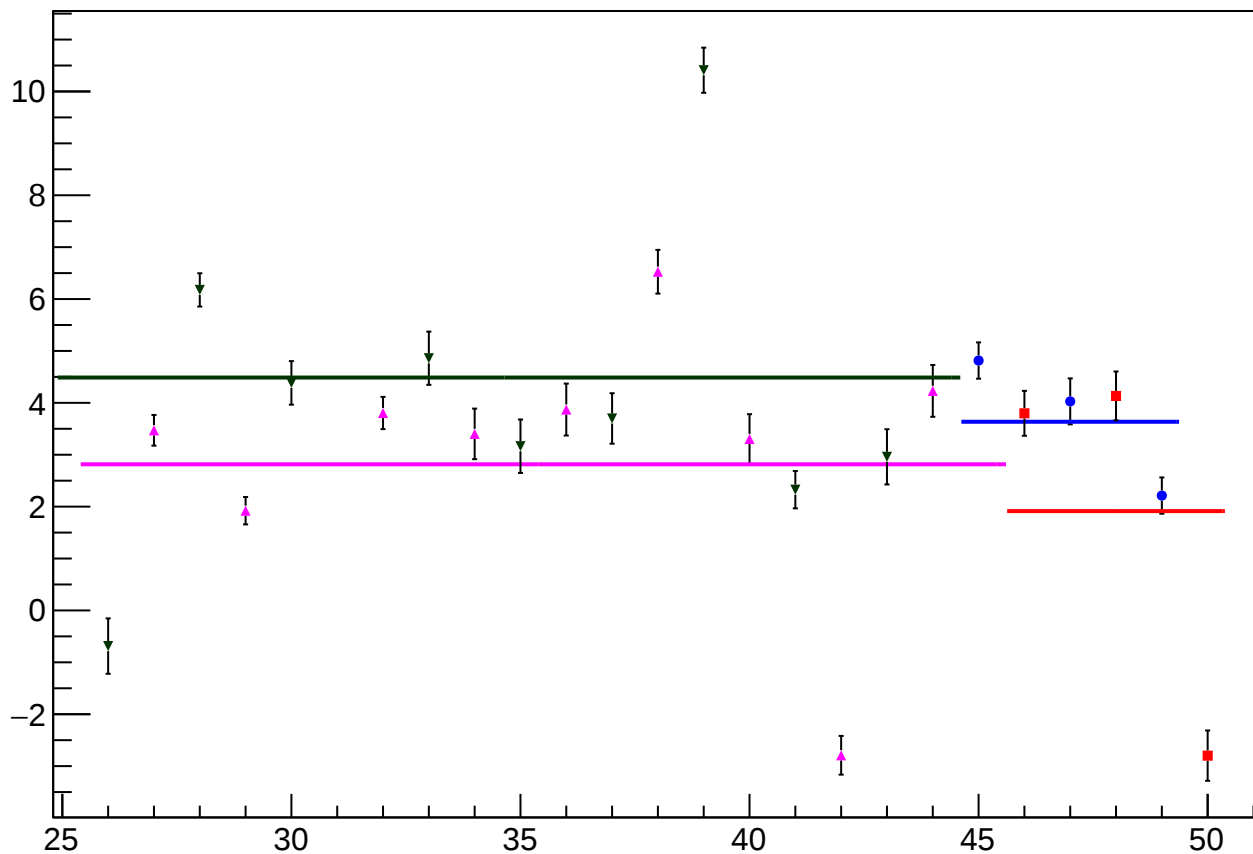
Right Out: -23.125+/-0.036 χ^2/NDF : 6211.5/2

Left In: -21.949+/-0.017 χ^2/NDF : 78862.5/8

-22.605+/-0.016 χ^2/NDF : 36843.3/11

-22.174+/-0.016 χ^2/NDF : 85954.2/11

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.635 $\pm$ 0.216 χ^2 /NDF: 28.7/2

Left Out: 4.488 $\pm$ 0.145 χ^2 /NDF:361.4/8

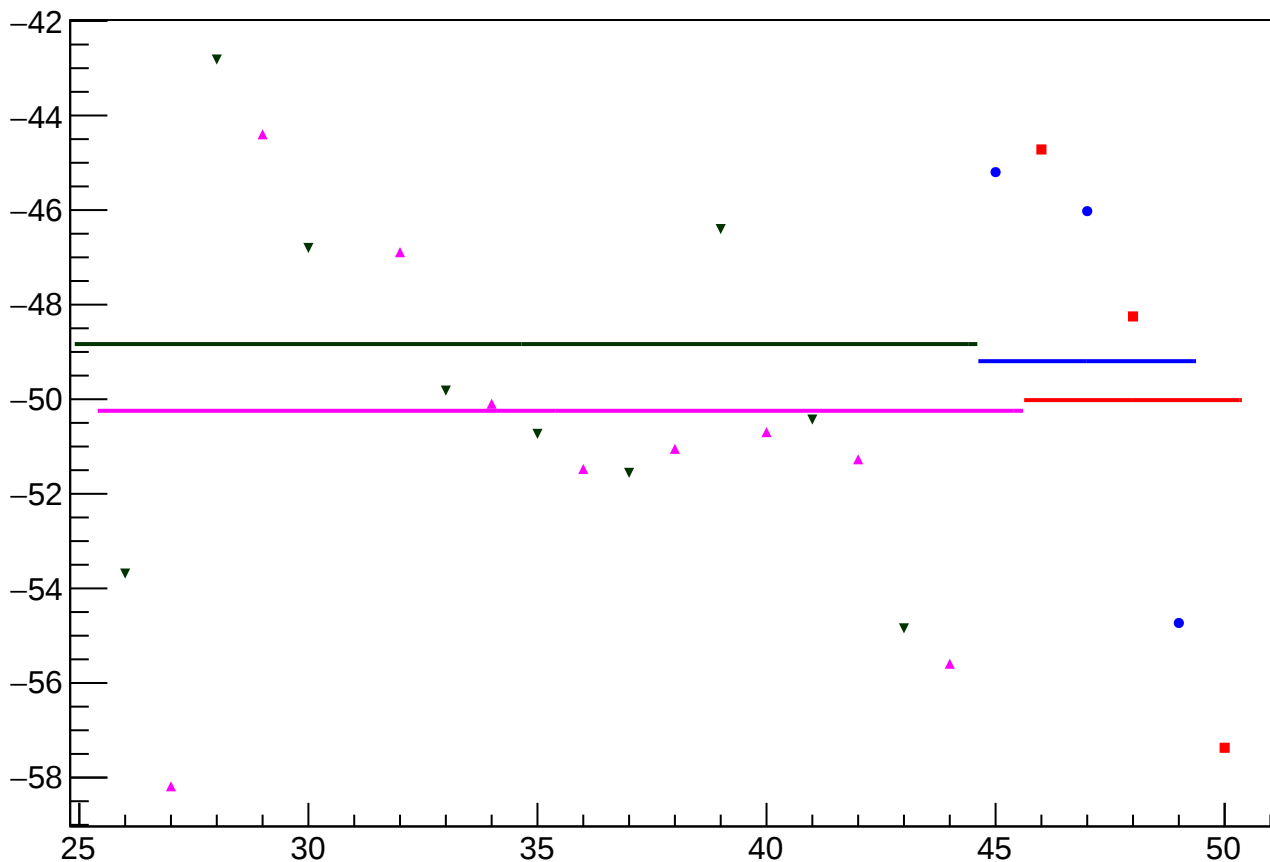
4.222 $\pm$ 0.121 χ^2 /NDF: 400.8/11

Right Out: 1.914 $\pm$ 0.266 χ^2 /NDF: 135.7/2

2.656 $\pm$ 0.112 χ^2 /NDF: 490.2/11

Left In: 2.816 $\pm$ 0.123 χ^2 /NDF:345.0/8

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.195+/-0.042 χ^2/NDF : 11533.2/2

Left Out: -48.938+/-0.023 χ^2/NDF : 31735.1/11

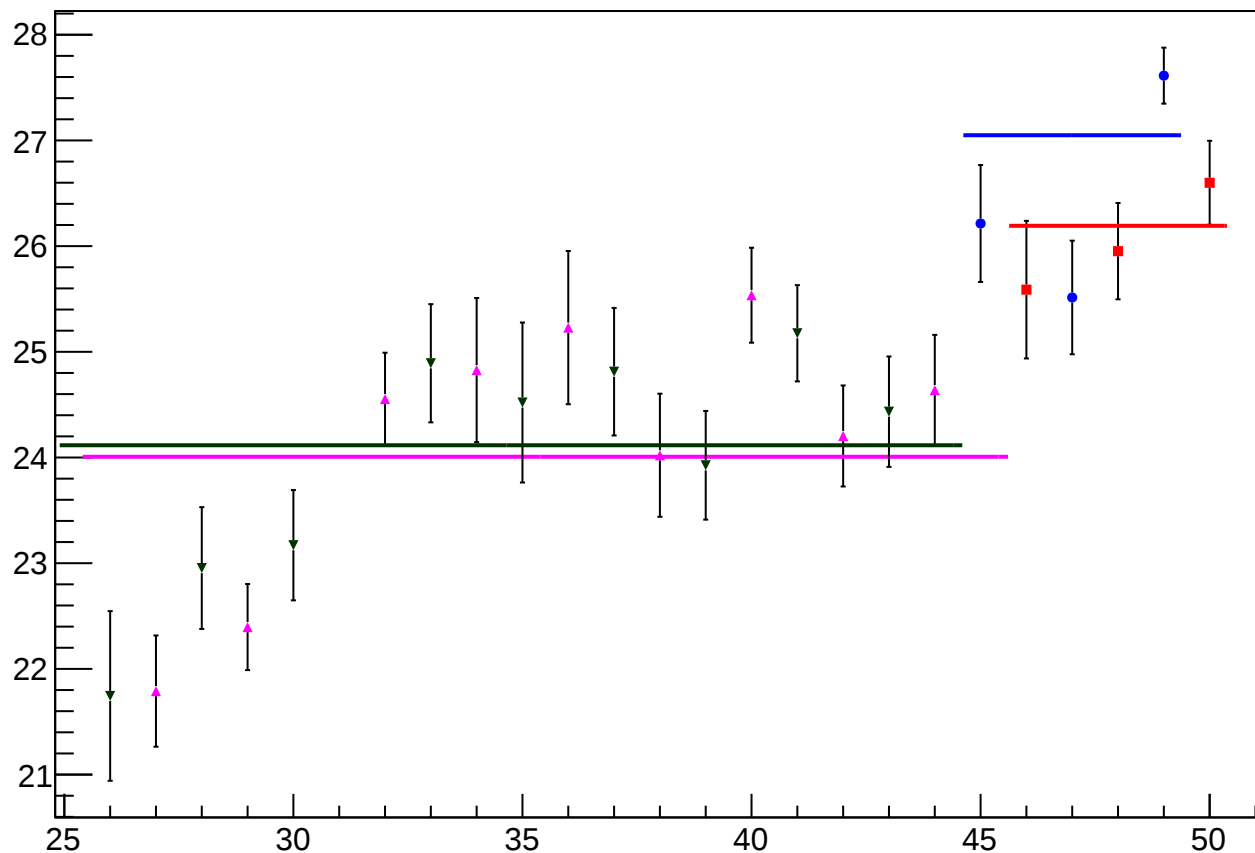
Right Out: -50.018+/-0.050 χ^2/NDF : 11352.3/2

Left In: -50.244+/-0.026 χ^2/NDF : 27249.9/8

-48.938+/-0.023 χ^2/NDF : 31735.1/11

-50.196+/-0.023 χ^2/NDF : 38618.2/11

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.049 $\pm$ 0.218 χ^2/NDF : 15.0/2

Left Out: 24.116 $\pm$ 0.188 χ^2/NDF : 25.5/8

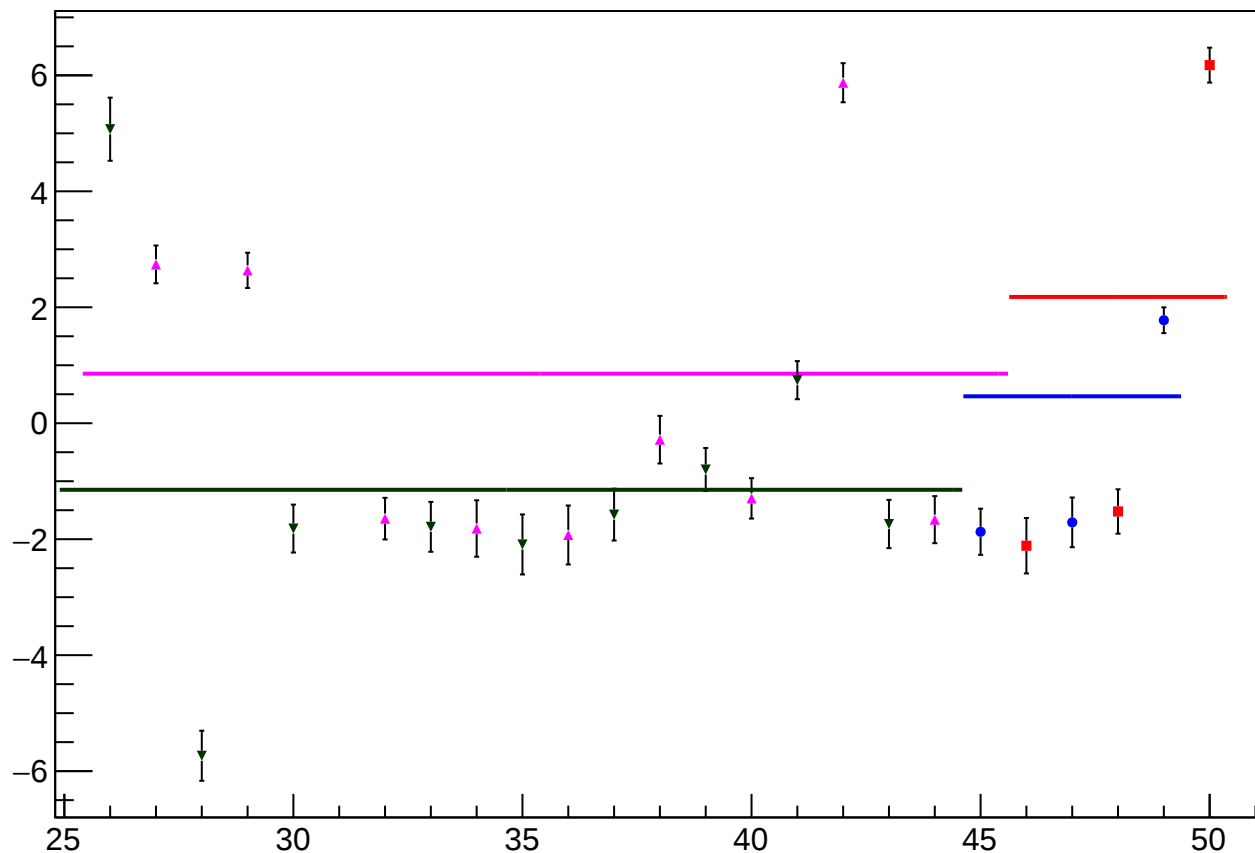
Right Out: 26.192 $\pm$ 0.272 χ^2/NDF : 2.2/2

Left In: 24.007 $\pm$ 0.169 χ^2/NDF : 52.5/8

25.368 $\pm$ 0.143 χ^2/NDF : 144.1/11

24.618 $\pm$ 0.144 χ^2/NDF : 101.2/11

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.464 ± 0.177 $\chi^2/\text{NDF}: 95.1/2$

Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF}: 288.4/8$

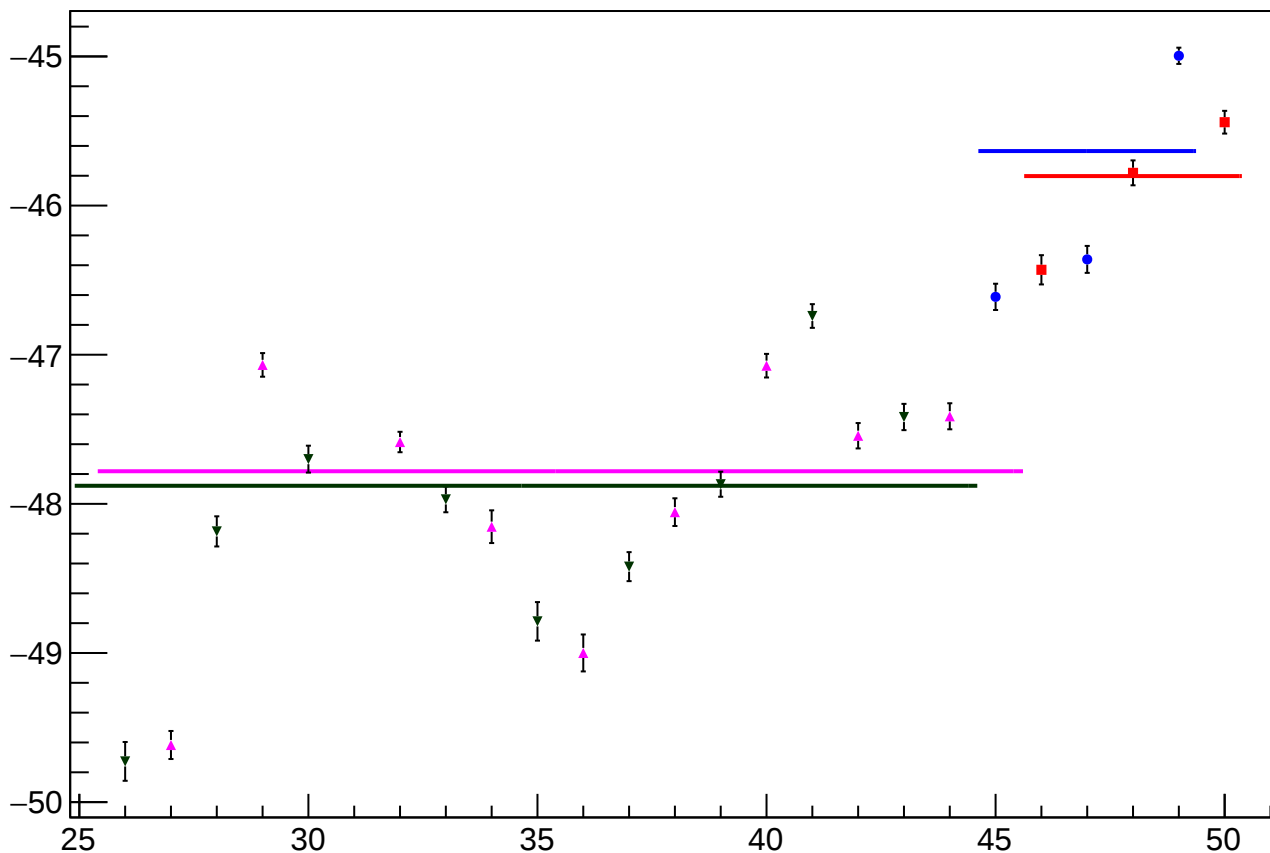
Right Out: 2.178 ± 0.212 $\chi^2/\text{NDF}: 350.2/2$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.526 ± 0.110 $\chi^2/\text{NDF}: 434.6/11$

1.192 ± 0.107 $\chi^2/\text{NDF}: 861.3/11$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.634 $\pm$ 0.041 χ^2 /NDF: 325.4/2

Left Out: -47.879 $\pm$ 0.032 χ^2 /NDF:529.0/8

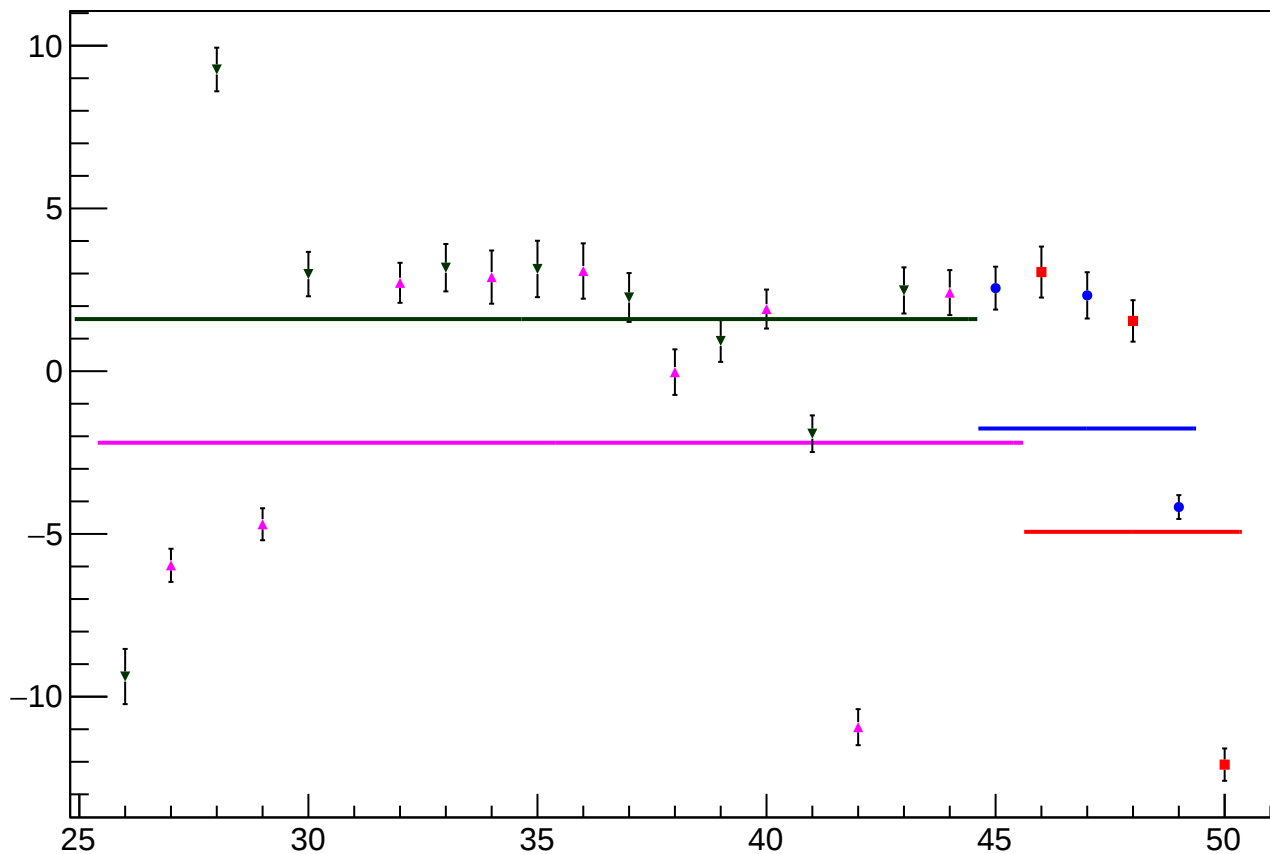
Right Out: -45.802 $\pm$ 0.049 χ^2 /NDF: 63.6/2

Left In: -47.781 $\pm$ 0.029 χ^2 /NDF:692.9/8

-47.051 $\pm$ 0.025 χ^2 /NDF: 2725.1/11

-47.262 $\pm$ 0.025 χ^2 /NDF: 1968.3/11

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -1.760 ± 0.292 $\chi^2/\text{NDF}: 119.5/2$

Left Out: 1.601 ± 0.233 $\chi^2/\text{NDF}: 353.2/8$

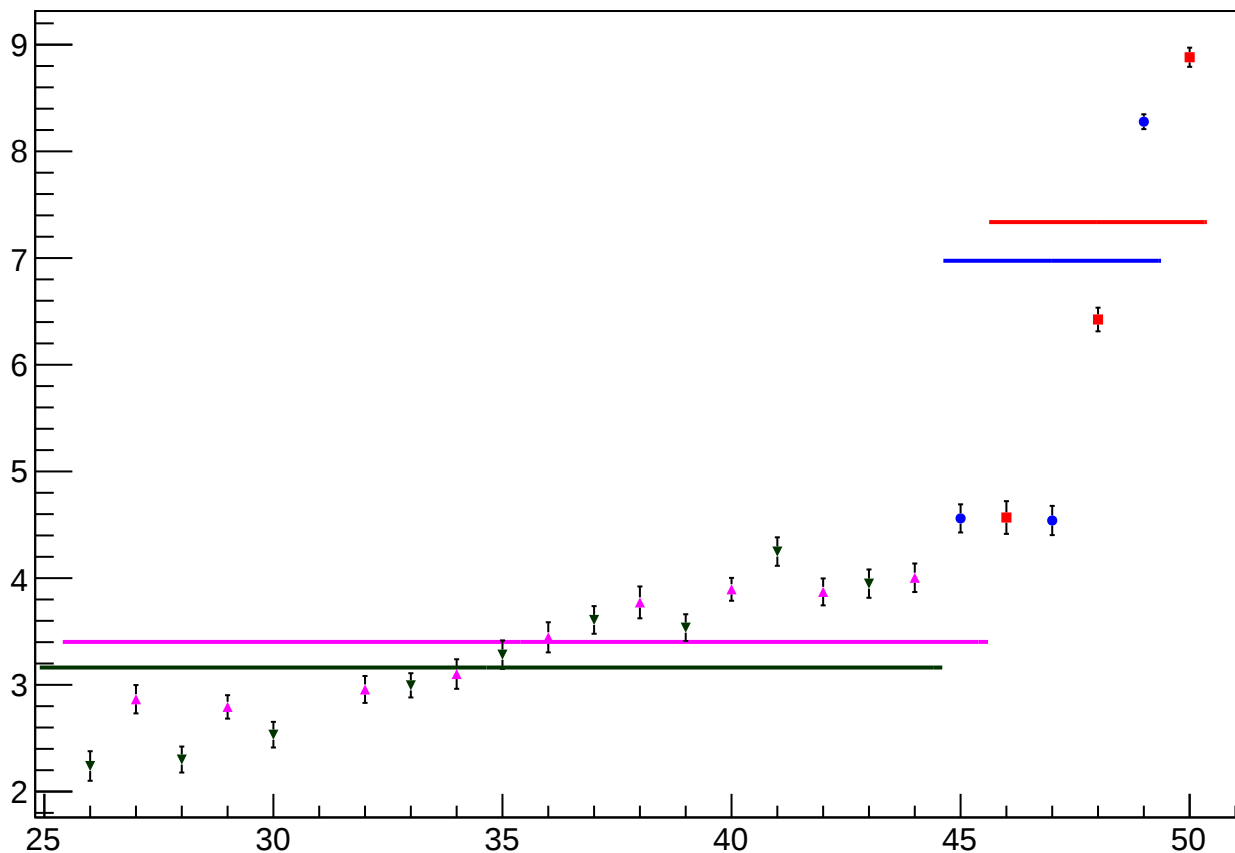
Right Out: -4.936 ± 0.351 $\chi^2/\text{NDF}: 414.0/2$

Left In: -2.198 ± 0.205 $\chi^2/\text{NDF}: 572.6/8$

0.288 ± 0.182 $\chi^2/\text{NDF}: 553.6/11$

-2.897 ± 0.177 $\chi^2/\text{NDF}: 1032.0/11$

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.975 $\pm$ 0.056 χ^2 /NDF: 1001.0/2

Left Out: 3.162 $\pm$ 0.042 χ^2 /NDF: 246.8/8

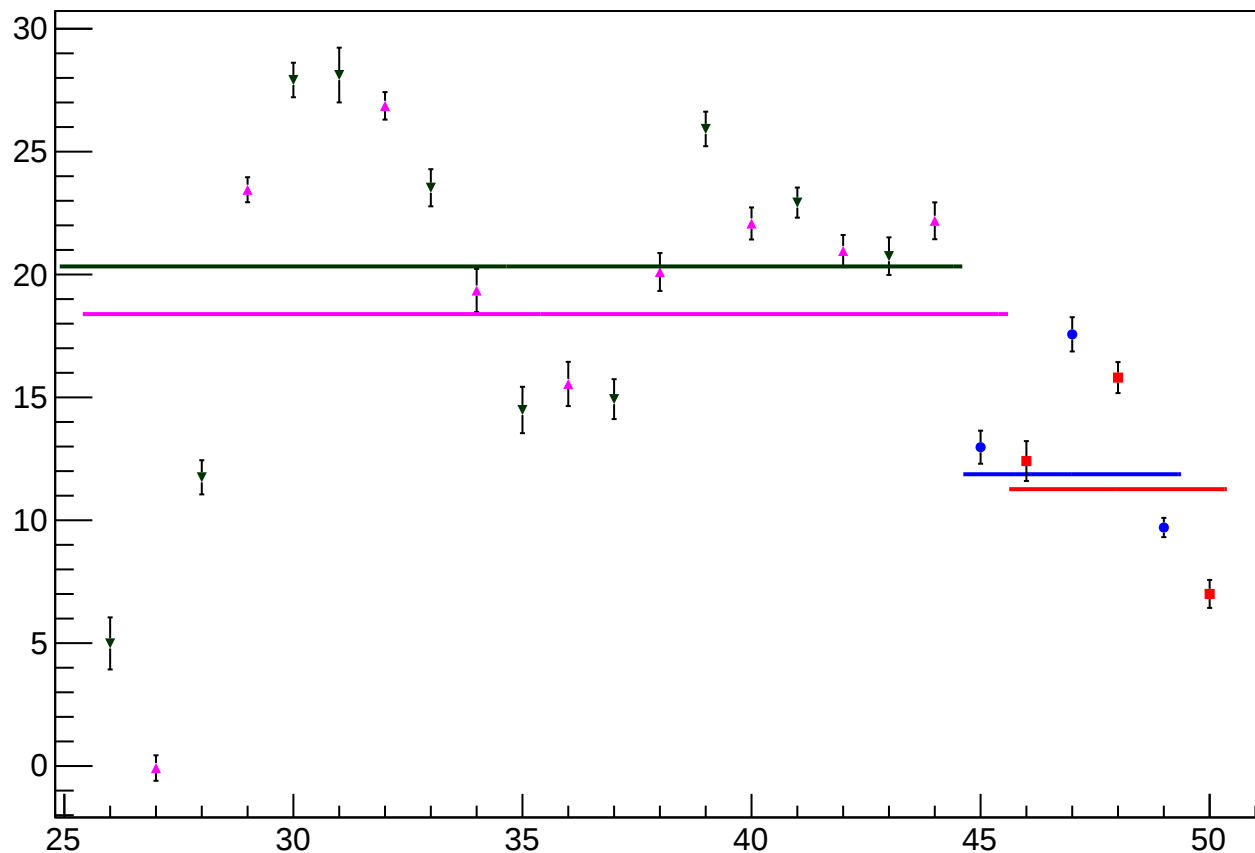
Right Out: 7.337 $\pm$ 0.064 χ^2 /NDF: 689.9/2

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF: 125.8/8

4.543 $\pm$ 0.034 χ^2 /NDF: 4184.9/11

4.615 $\pm$ 0.035 χ^2 /NDF: 3468.9/11

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

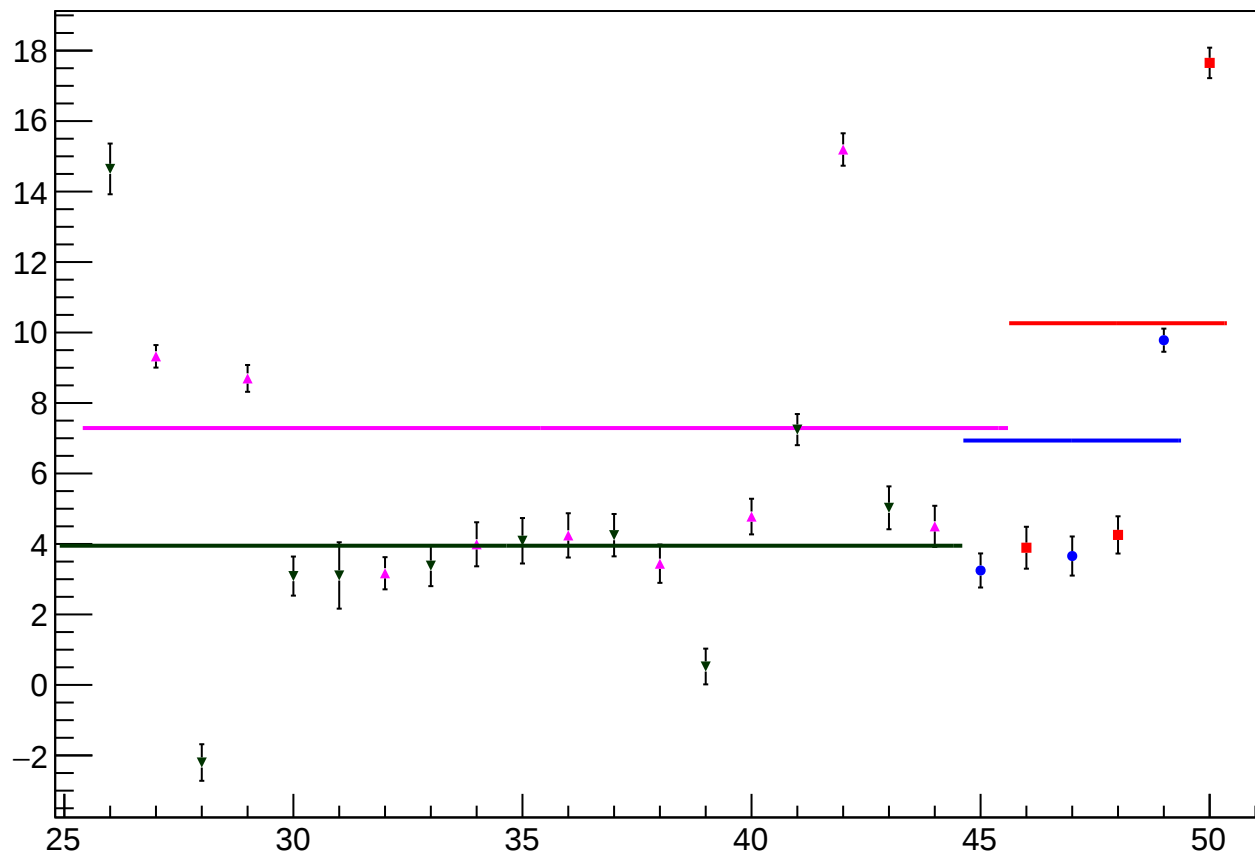
Right Out: 11.266+/-0.375 χ^2/NDF : 109.9/2

Left In: 18.390+/-0.216 χ^2/NDF : 1685.1/8

16.992+/-0.191 χ^2/NDF : 1277.8/12

16.614+/-0.187 χ^2/NDF : 2066.5/11

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 6.935 $\pm$ 0.244 χ^2 /NDF: 168.2/2

Left Out: 3.950 $\pm$ 0.183 χ^2 /NDF: 470.4/9

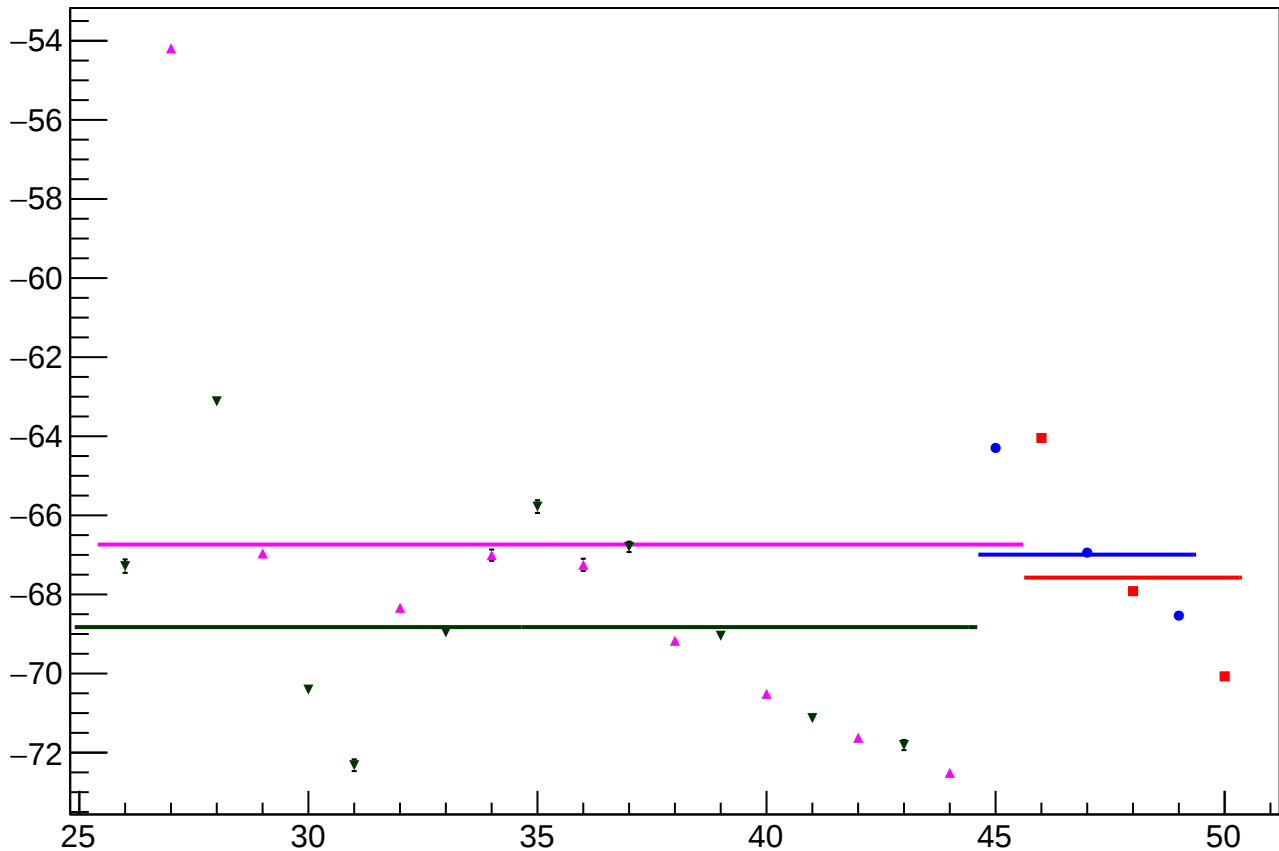
Right Out: 10.264 $\pm$ 0.292 χ^2 /NDF: 536.1/2

Left In: 7.289 $\pm$ 0.155 χ^2 /NDF: 579.9/8

5.024 $\pm$ 0.146 χ^2 /NDF: 734.4/12

7.946 $\pm$ 0.137 χ^2 /NDF: 1197.2/11

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.993 ± 0.056 χ^2/NDF : 1001.7/2

Left Out: -68.826 ± 0.041 χ^2/NDF : 4587.0/9

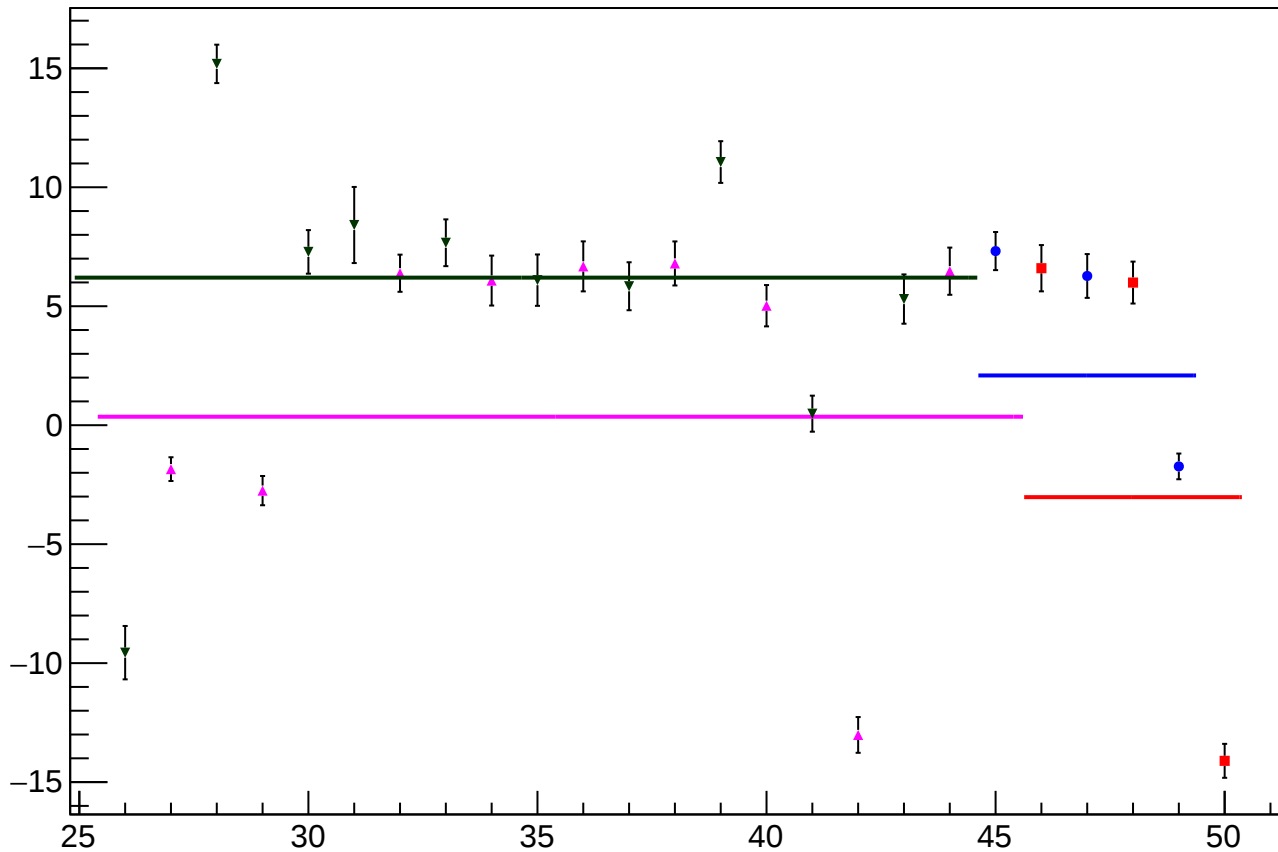
Right Out: -67.575 ± 0.066 χ^2/NDF : 1363.4/2

Left In: -66.738 ± 0.037 χ^2/NDF : 23839.7/8

-68.200 ± 0.033 χ^2/NDF : 6284.9/12

-66.938 ± 0.033 χ^2/NDF : 25323.7/11

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 2.090 ± 0.403 χ^2/NDF : 113.3/2

Left Out: 6.202 ± 0.305 χ^2/NDF : 415.4/9

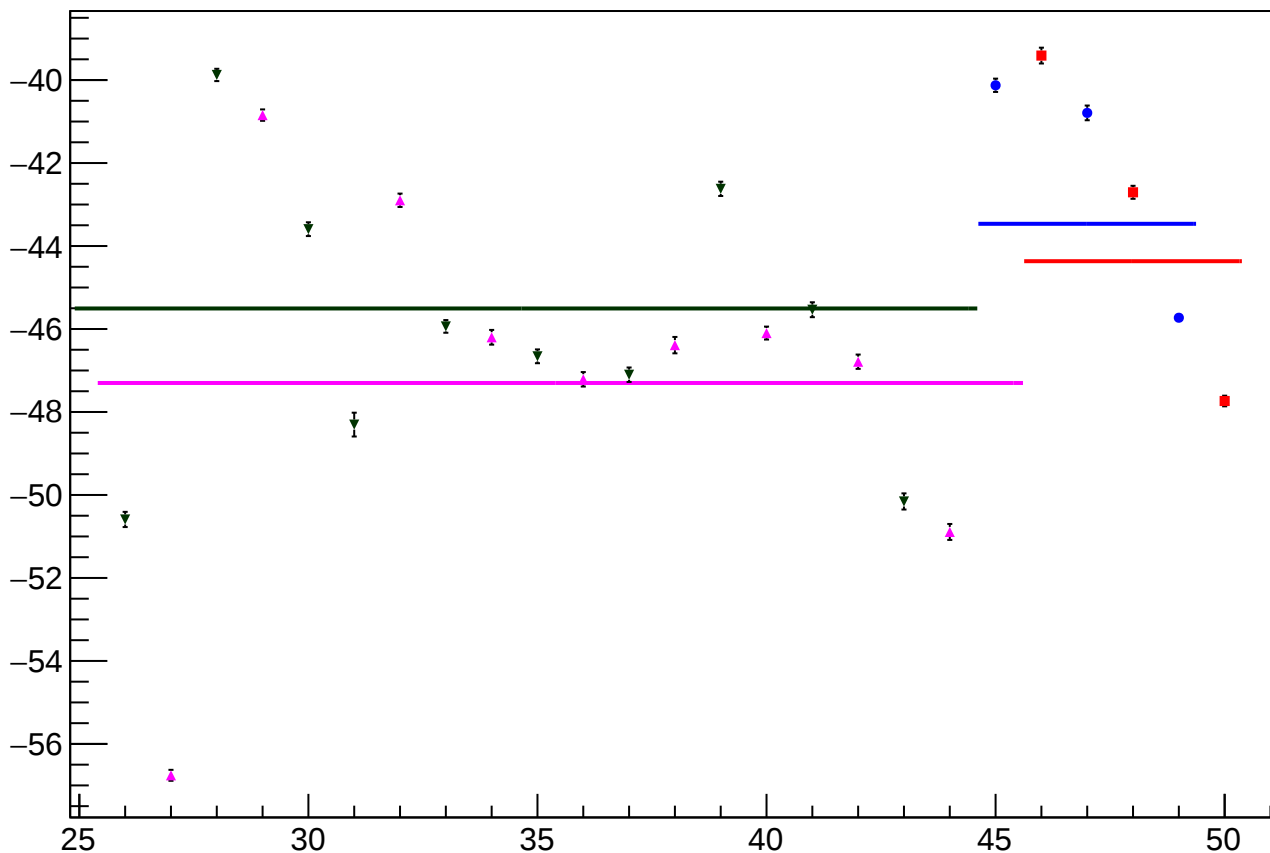
Right Out: -3.024 ± 0.482 χ^2/NDF : 444.1/2

Left In: 0.357 ± 0.255 χ^2/NDF : 602.5/8

4.705 ± 0.243 χ^2/NDF : 594.9/12

-0.383 ± 0.225 χ^2/NDF : 1085.1/11

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

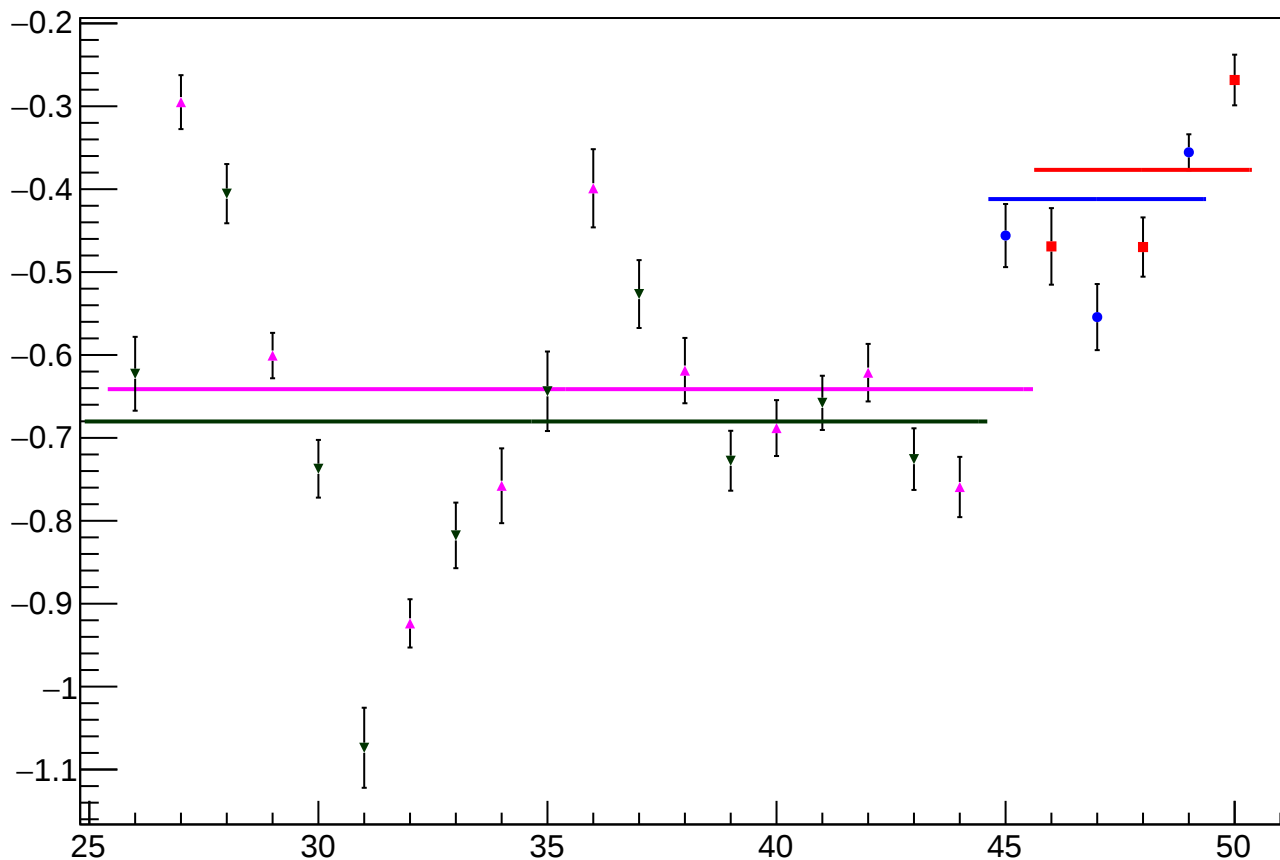
Right Out: -44.366+/-0.088 χ^2/NDF : 1474.3/2

Left In: -47.301+/-0.054 χ^2/NDF : 8552.3/8

-44.819+/-0.045 χ^2/NDF : 5027.4/12

-46.496+/-0.046 χ^2/NDF : 10831.0/11

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.412 ± 0.017 $\chi^2/\text{NDF}: 20.9/2$

Left Out: -0.680 ± 0.012 $\chi^2/\text{NDF}: 160.4/9$

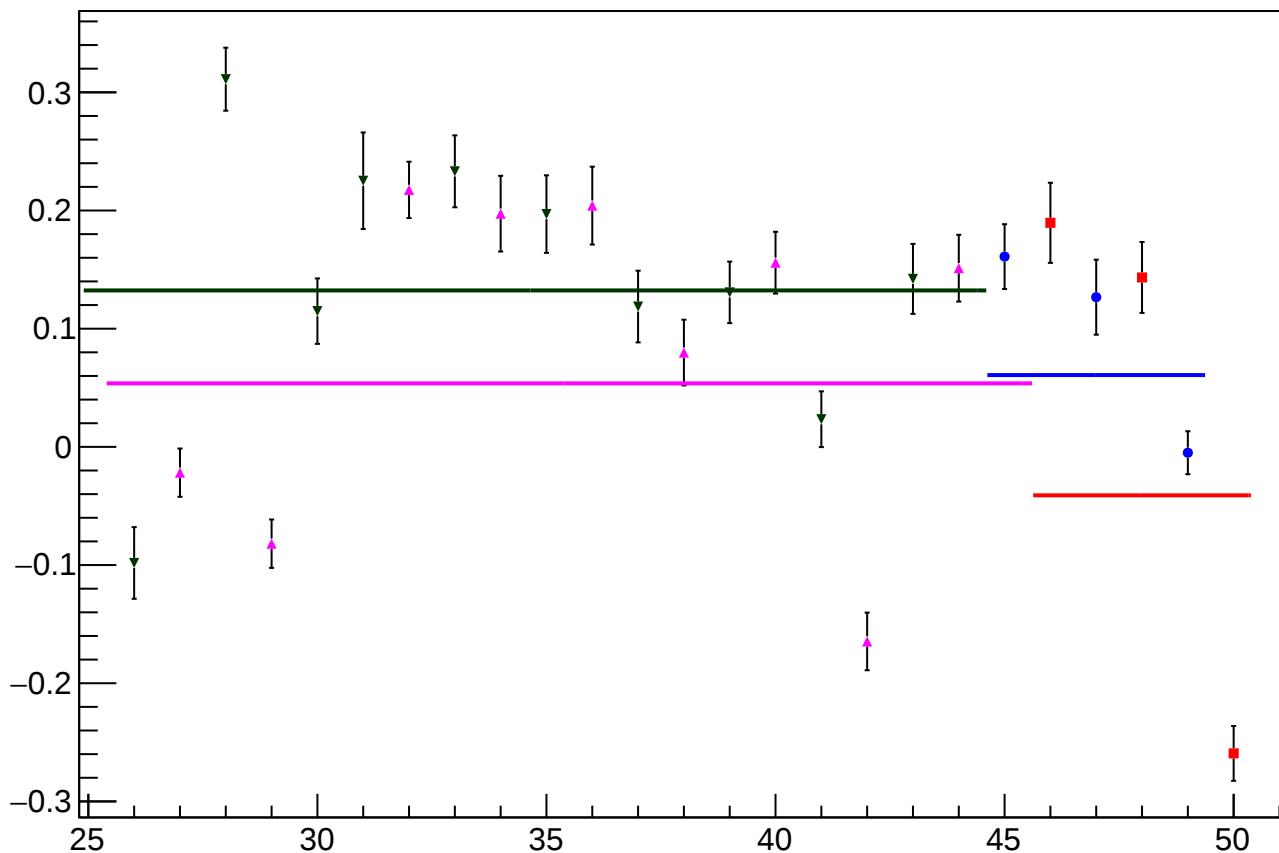
Right Out: -0.377 ± 0.021 $\chi^2/\text{NDF}: 23.4/2$

Left In: -0.641 ± 0.012 $\chi^2/\text{NDF}: 255.8/8$

-0.589 ± 0.010 $\chi^2/\text{NDF}: 344.4/12$

-0.579 ± 0.010 $\chi^2/\text{NDF}: 403.3/11$

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.061 $\pm$ 0.014 χ^2 /NDF: 30.8/2

Left Out: 0.132 $\pm$ 0.009 χ^2 /NDF:144.8/9

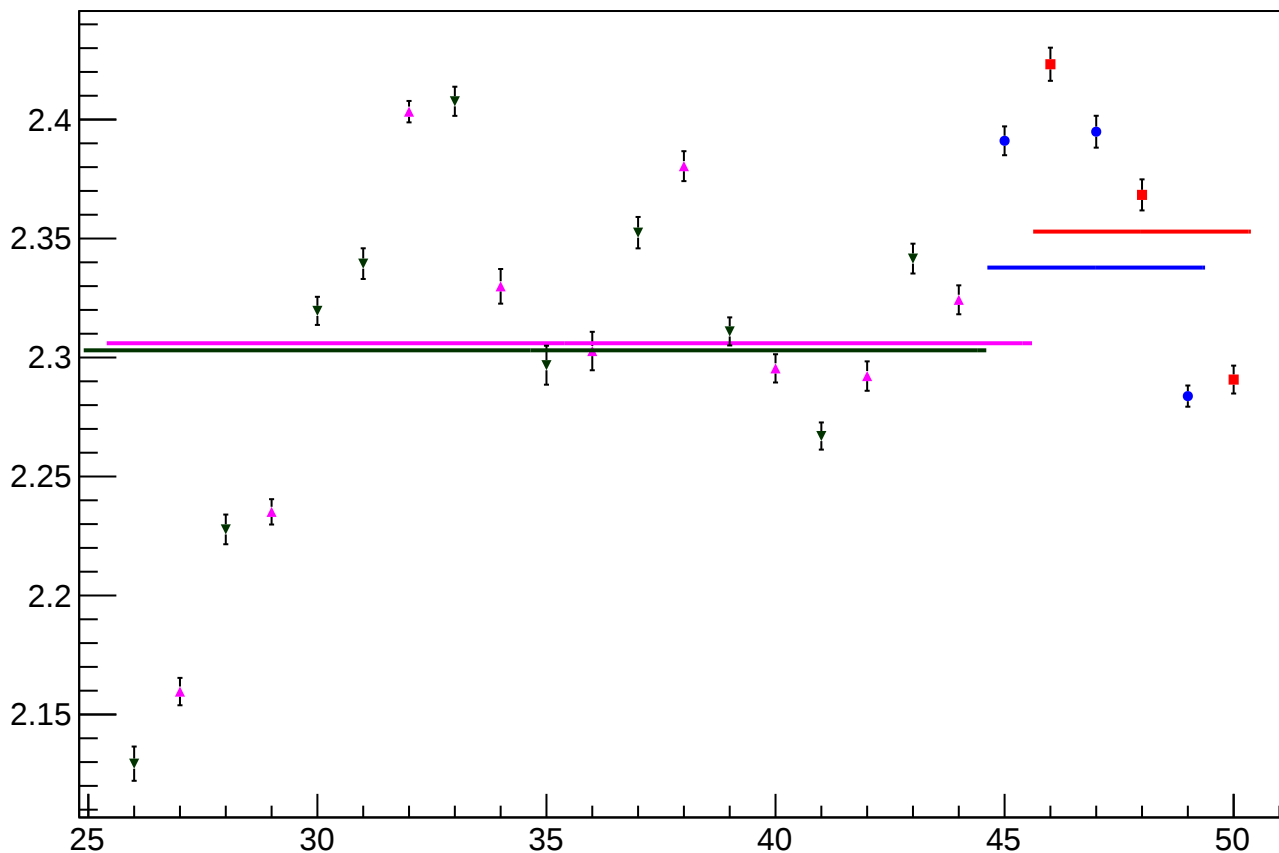
0.110 $\pm$ 0.008 χ^2 /NDF: 194.5/12

Right Out: -0.041 $\pm$ 0.016 χ^2 /NDF: 172.6/2

0.033 $\pm$ 0.007 χ^2 /NDF: 453.6/11

Left In: 0.054 $\pm$ 0.008 χ^2 /NDF:253.9/8

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.338 ± 0.003 $\chi^2/\text{NDF}: 297.0/2$

Left Out: 2.303 ± 0.002 $\chi^2/\text{NDF}: 1196.0/9$

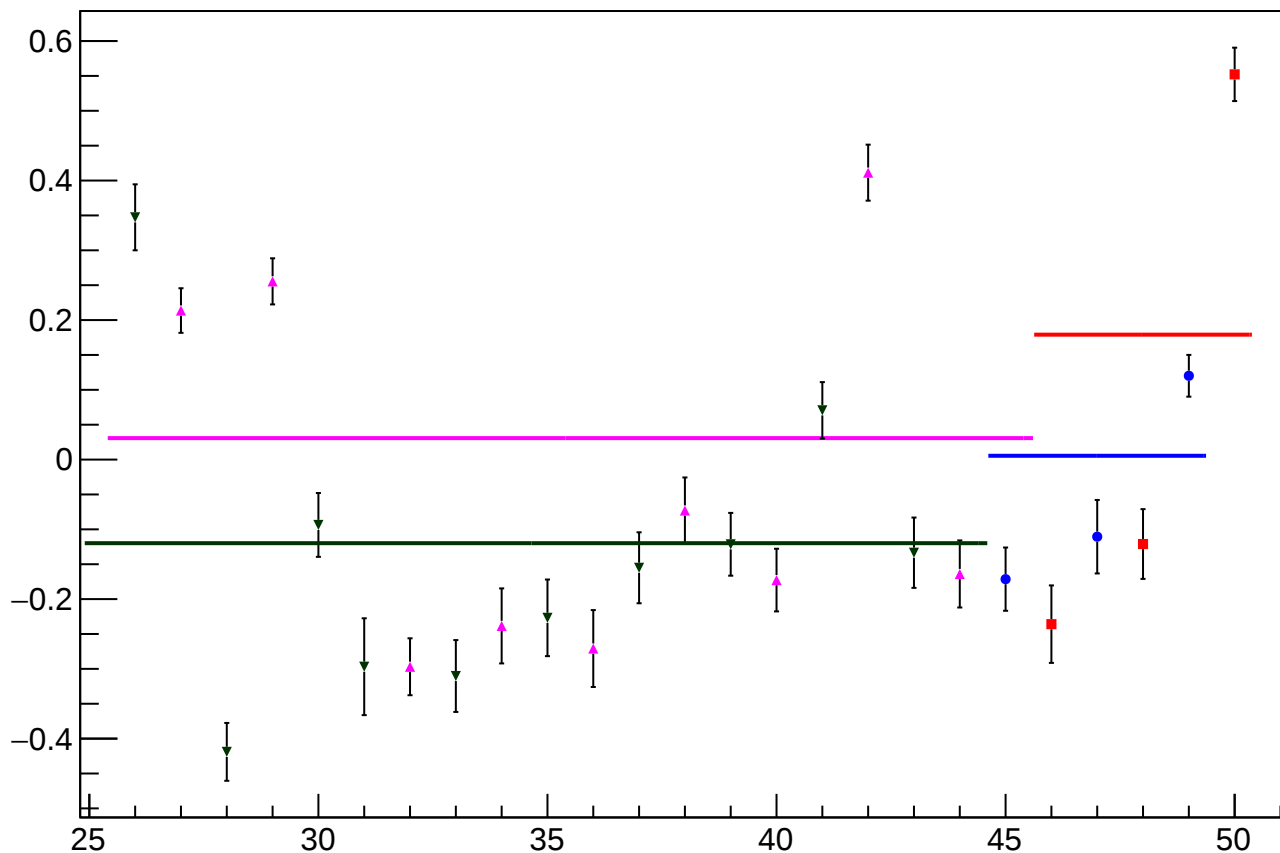
Right Out: 2.353 ± 0.004 $\chi^2/\text{NDF}: 220.0/2$

Left In: 2.306 ± 0.002 $\chi^2/\text{NDF}: 1460.1/8$

2.313 ± 0.002 $\chi^2/\text{NDF}: 1579.1/12$

2.316 ± 0.002 $\chi^2/\text{NDF}: 1805.4/11$

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

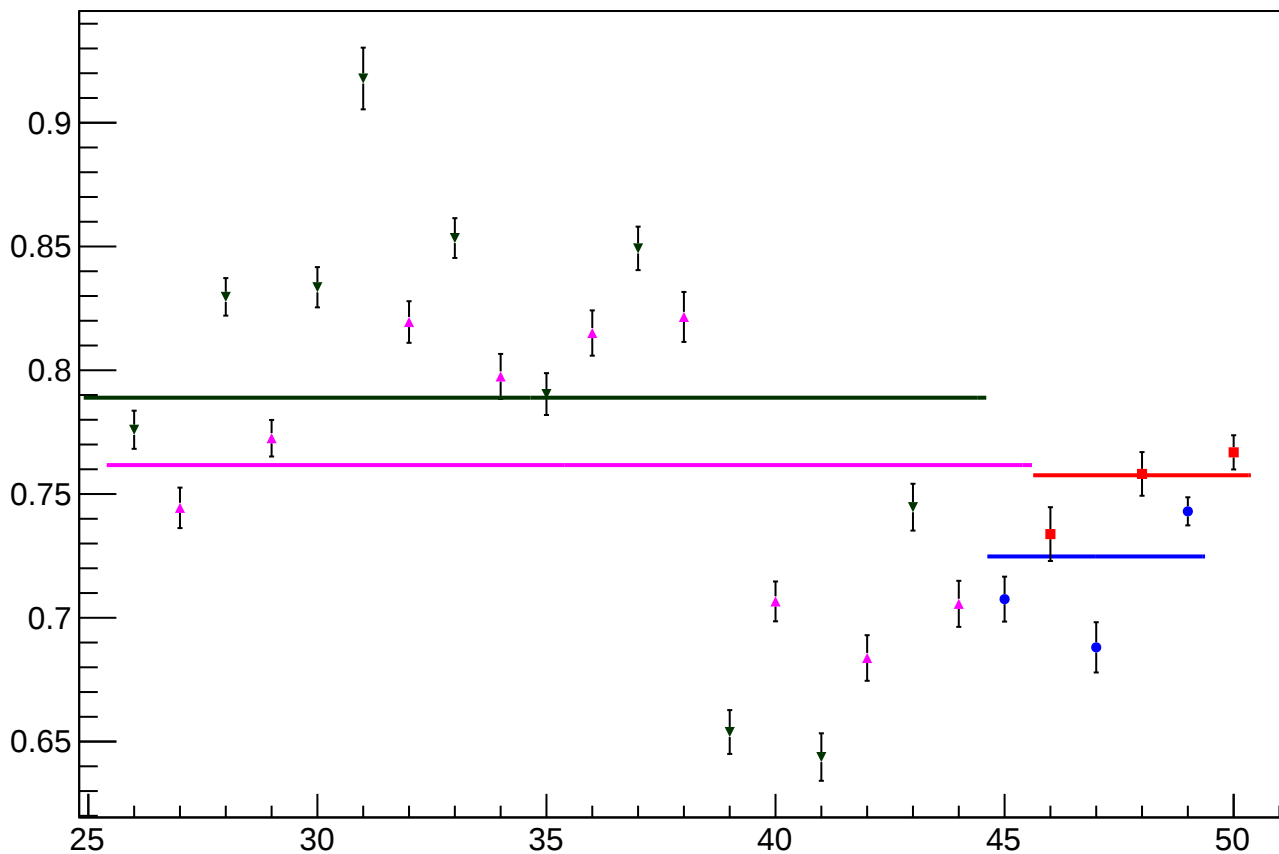
Right Out: 0.179+/-0.027 χ^2/NDF : 186.9/2

Left In: 0.031+/-0.014 χ^2/NDF : 330.1/8

-0.081+/-0.013 χ^2/NDF : 252.4/12

0.063+/-0.012 χ^2/NDF : 541.3/11

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.725 ± 0.004 $\chi^2/\text{NDF}: 27.0/2$

Left Out: 0.789 ± 0.003 $\chi^2/\text{NDF}: 764.3/9$

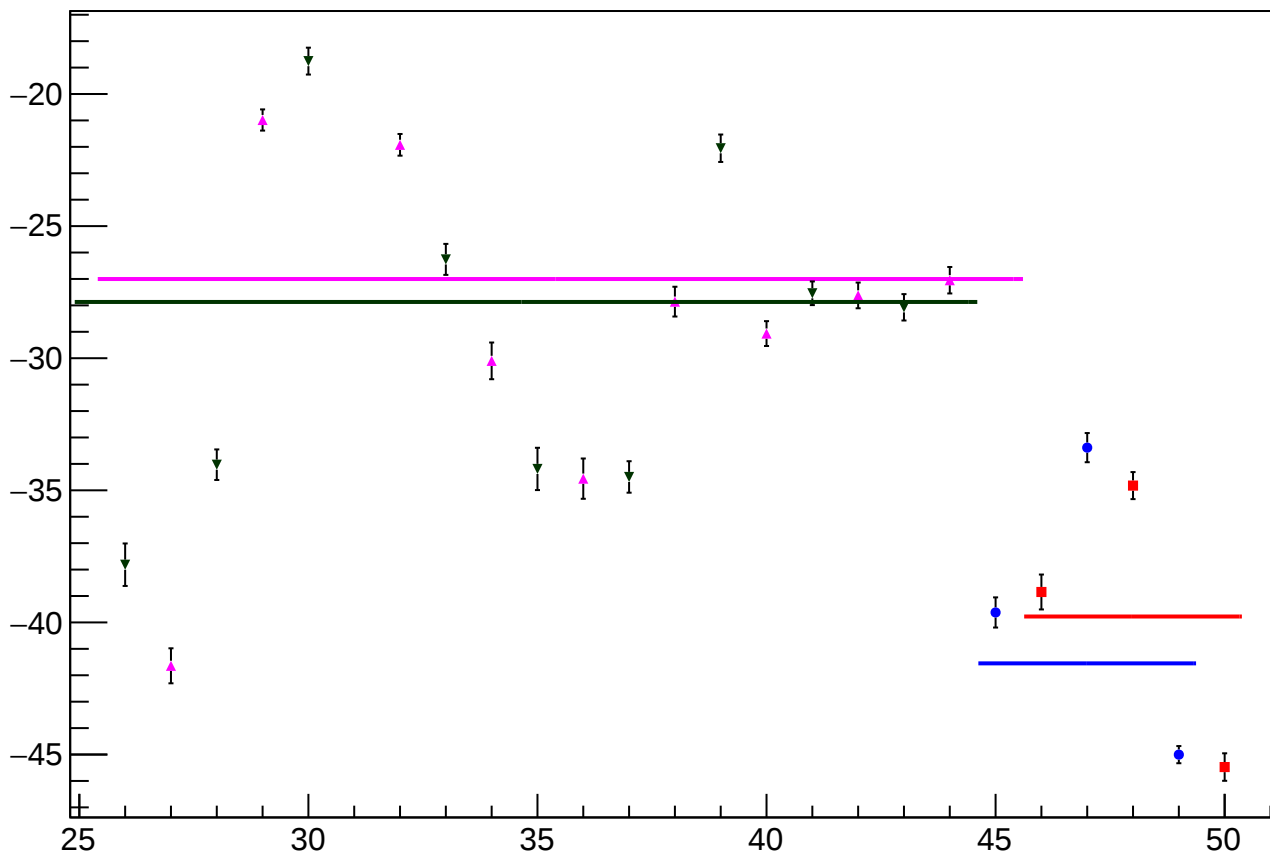
Right Out: 0.758 ± 0.005 $\chi^2/\text{NDF}: 6.6/2$

Left In: 0.762 ± 0.003 $\chi^2/\text{NDF}: 293.2/8$

0.771 ± 0.002 $\chi^2/\text{NDF}: 946.9/12$

0.761 ± 0.002 $\chi^2/\text{NDF}: 300.3/11$

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -41.550 ± 0.251 χ^2/NDF : 342.9/2

Left Out: -27.871 ± 0.188 χ^2/NDF : 907.3/8

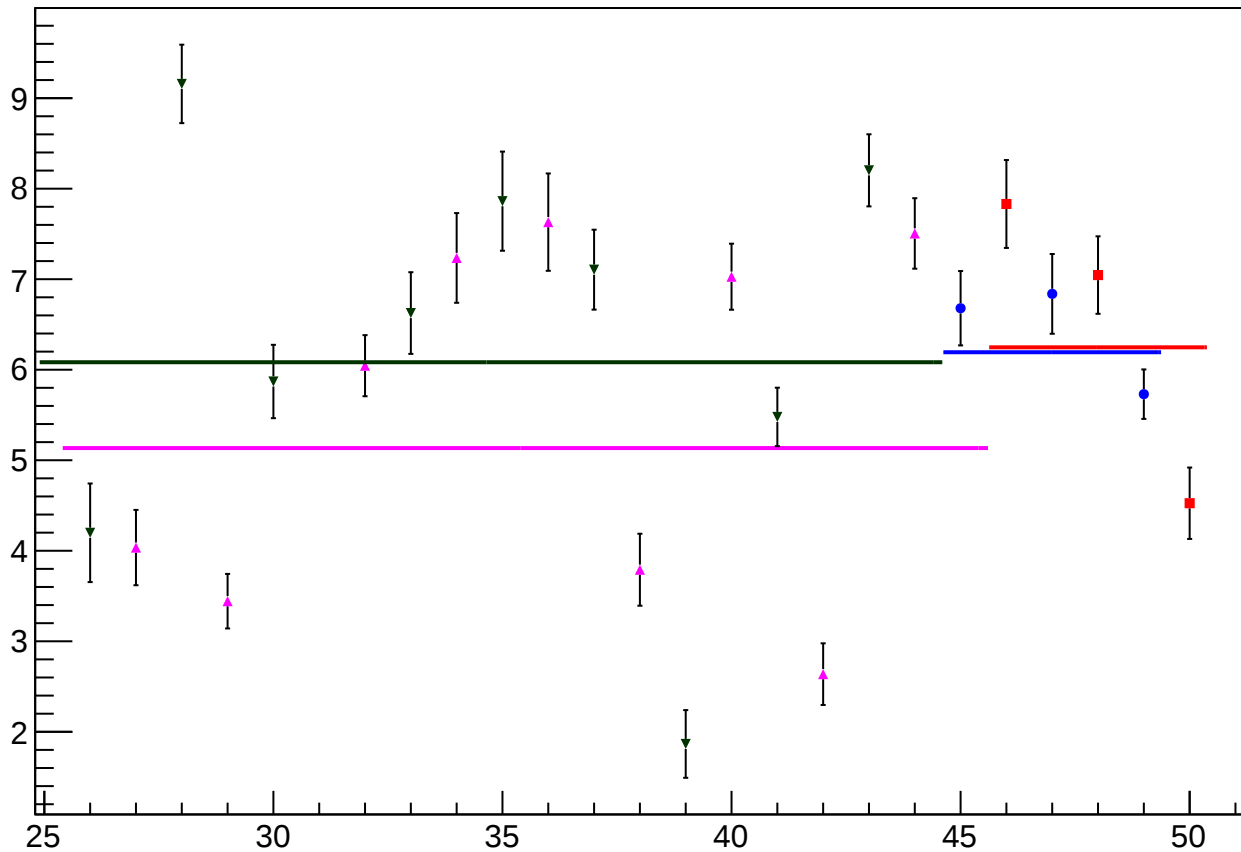
Right Out: -39.776 ± 0.319 χ^2/NDF : 215.7/2

Left In: -27.003 ± 0.171 χ^2/NDF : 1007.7/8

-32.762 ± 0.150 χ^2/NDF : 3150.8/11

-29.855 ± 0.151 χ^2/NDF : 2466.0/11

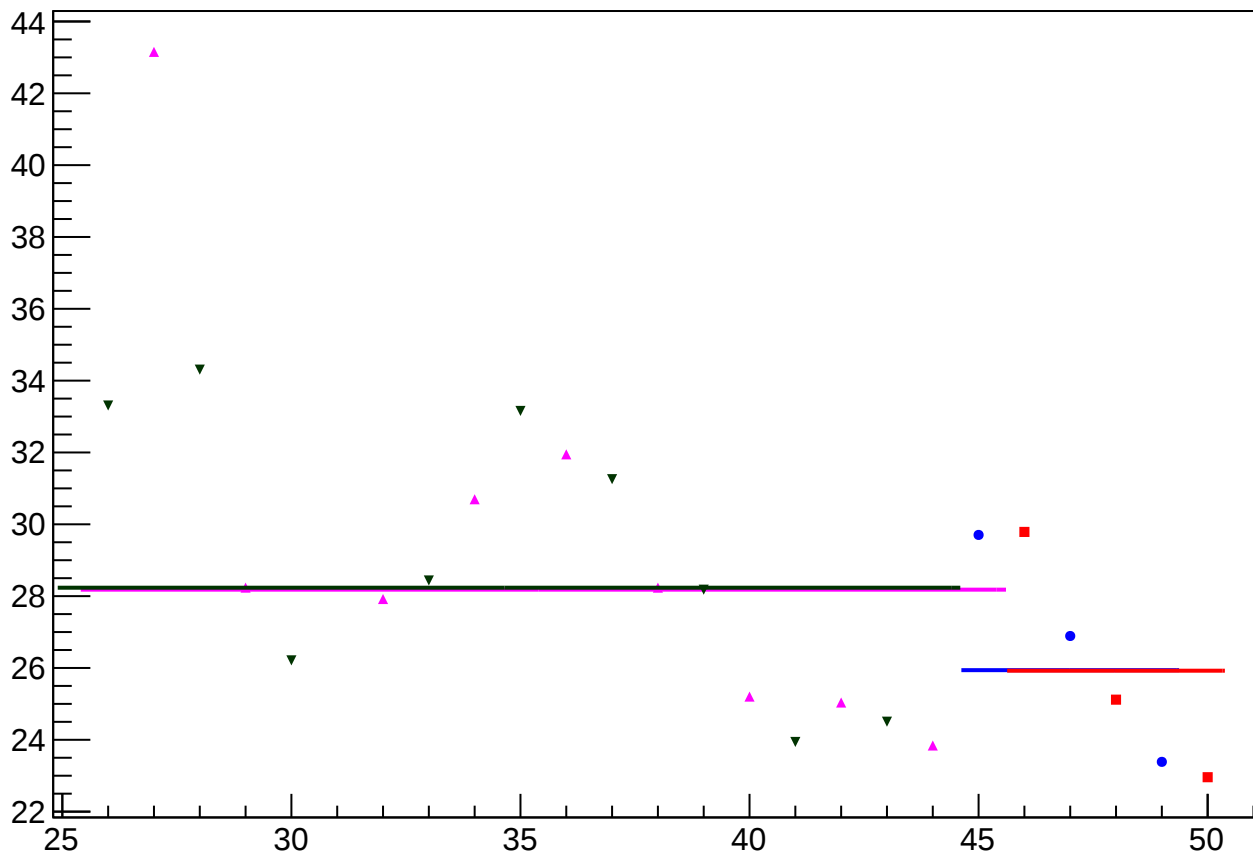
reg_asym_right_avg_diff_bpm4aY_slope vs slug



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: 6.247 ± 0.249 χ^2/NDF : 33.2/2
 Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

6.118 ± 0.115 χ^2/NDF : 245.5/11
 5.364 ± 0.113 χ^2/NDF : 263.5/11

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

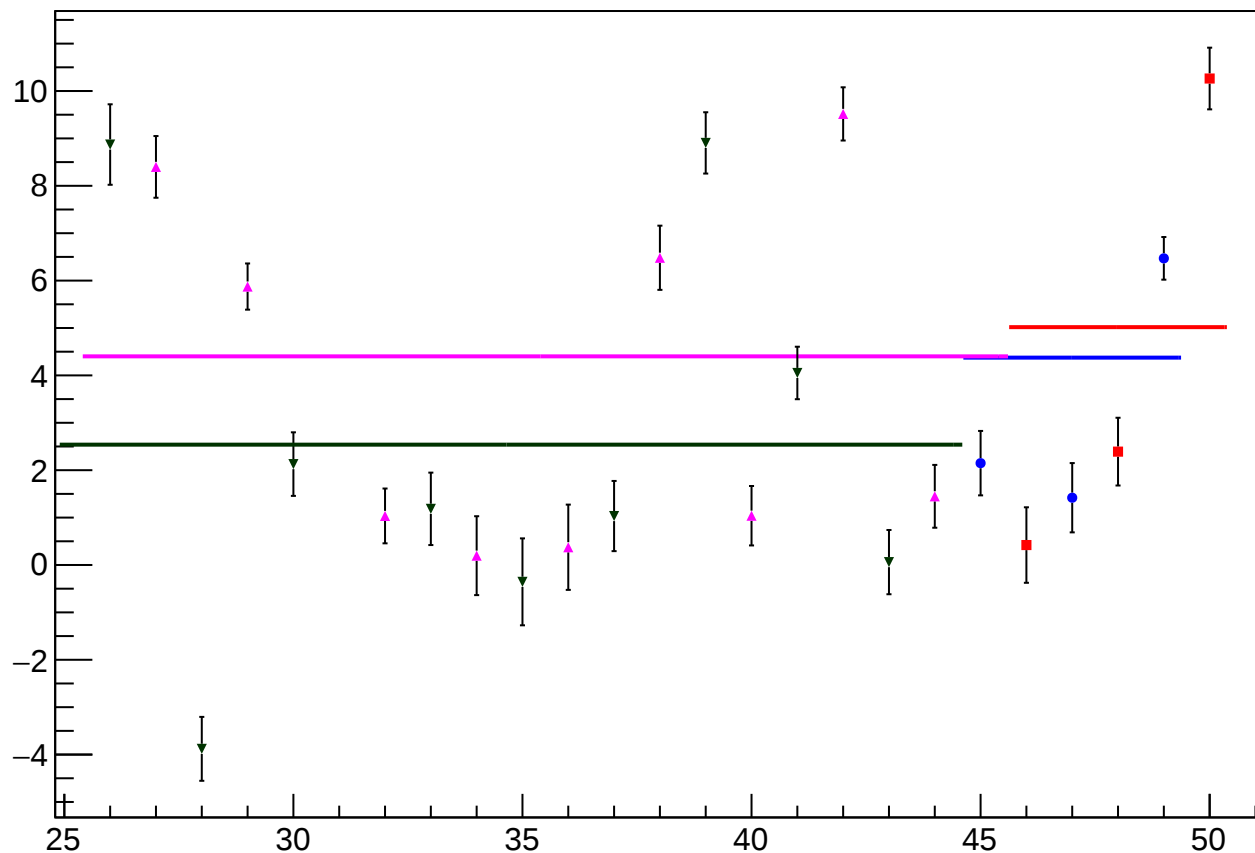
Right Out: 25.924+/-0.056 χ^2/NDF : 2468.5/2

Left In: 28.180+/-0.029 χ^2/NDF :23006.5/8

27.522+/-0.026 χ^2/NDF : 17938.0/11

27.697+/-0.026 χ^2/NDF : 26746.5/11

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

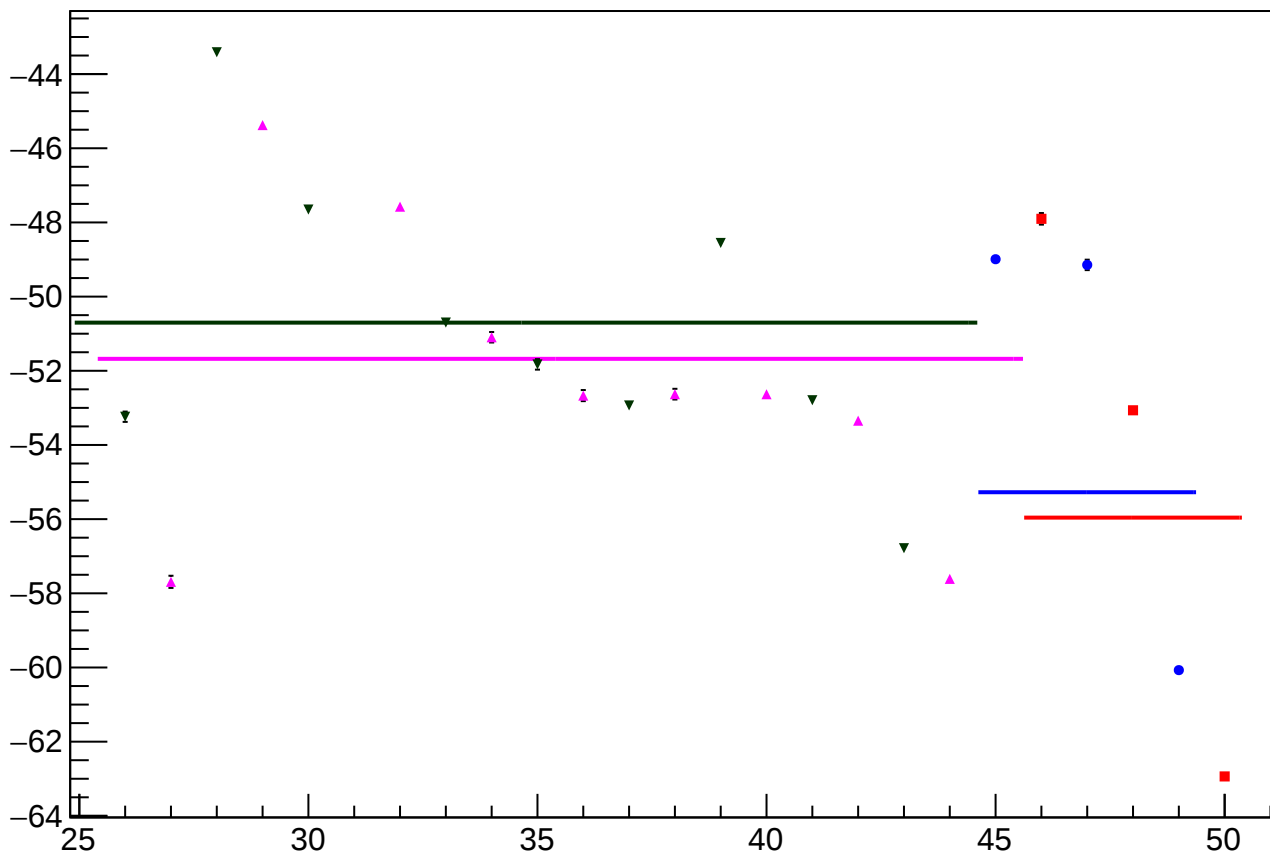
Right Out: 5.018 ± 0.412 χ^2/NDF : 111.8/2

Left In: 4.402 ± 0.211 χ^2/NDF : 267.4/8

3.142 ± 0.191 χ^2/NDF : 350.7/11

4.530 ± 0.188 χ^2/NDF : 380.9/11

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

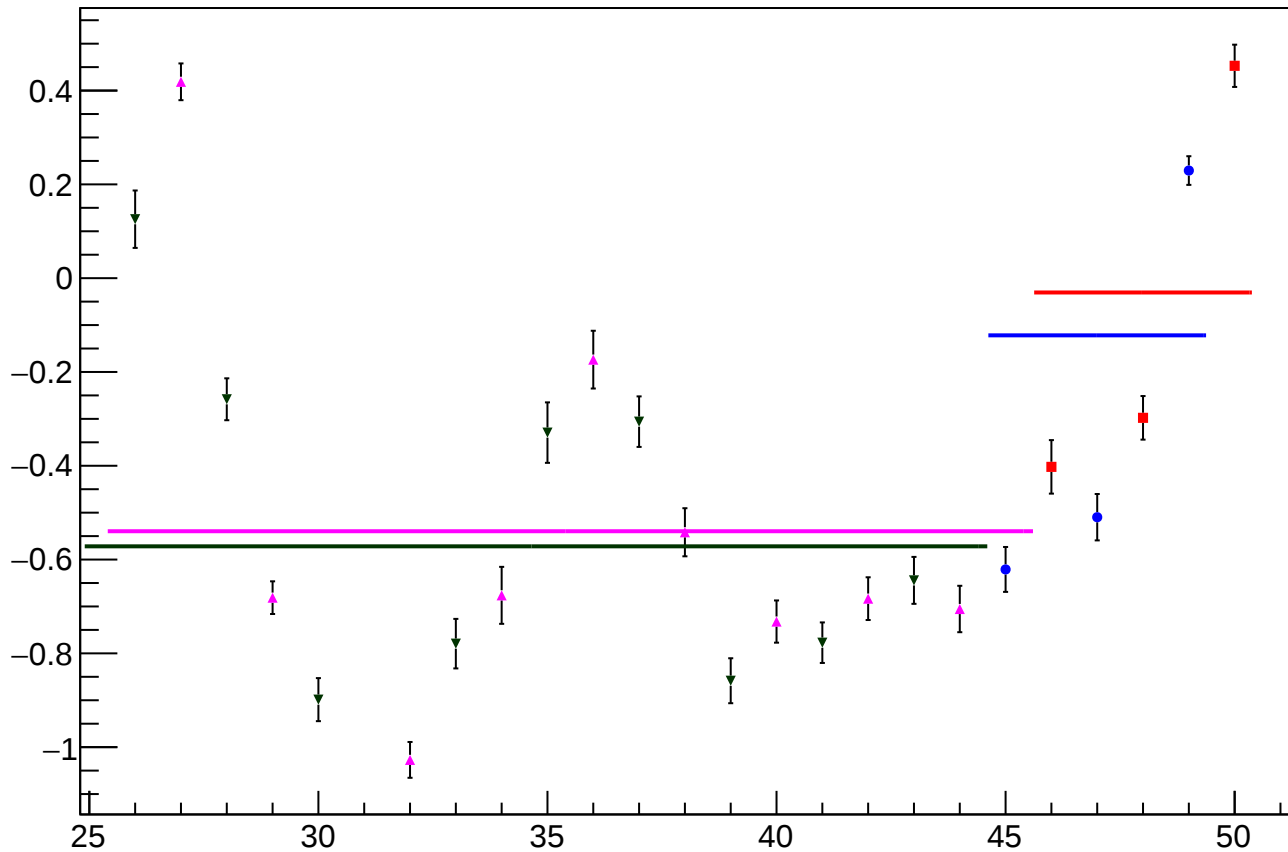
Right Out: -55.959 ± 0.076 χ^2/NDF : 6685.5/2

Left In: -51.678 ± 0.043 χ^2/NDF : 8312.3/8

-52.091 ± 0.036 χ^2/NDF : 18263.9/11

-52.726 ± 0.038 χ^2/NDF : 17391.3/11

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.122+/-0.023 χ^2/NDF : 302.4/2

Left Out: -0.572+/-0.017 χ^2/NDF : 344.3/8

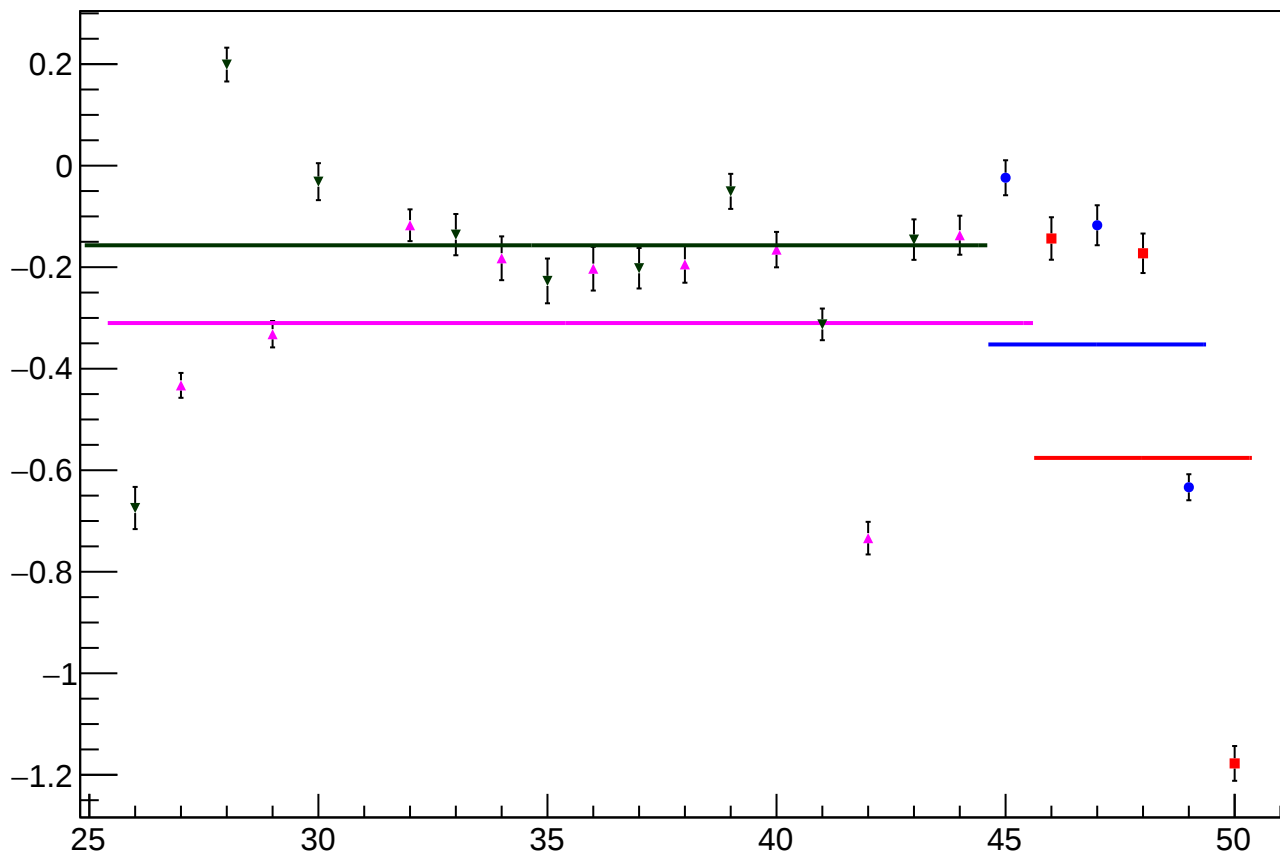
Right Out: -0.031+/-0.028 χ^2/NDF : 190.6/2

Left In: -0.540+/-0.015 χ^2/NDF : 857.8/8

-0.414+/-0.014 χ^2/NDF : 898.6/11

-0.427+/-0.013 χ^2/NDF : 1303.4/11

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

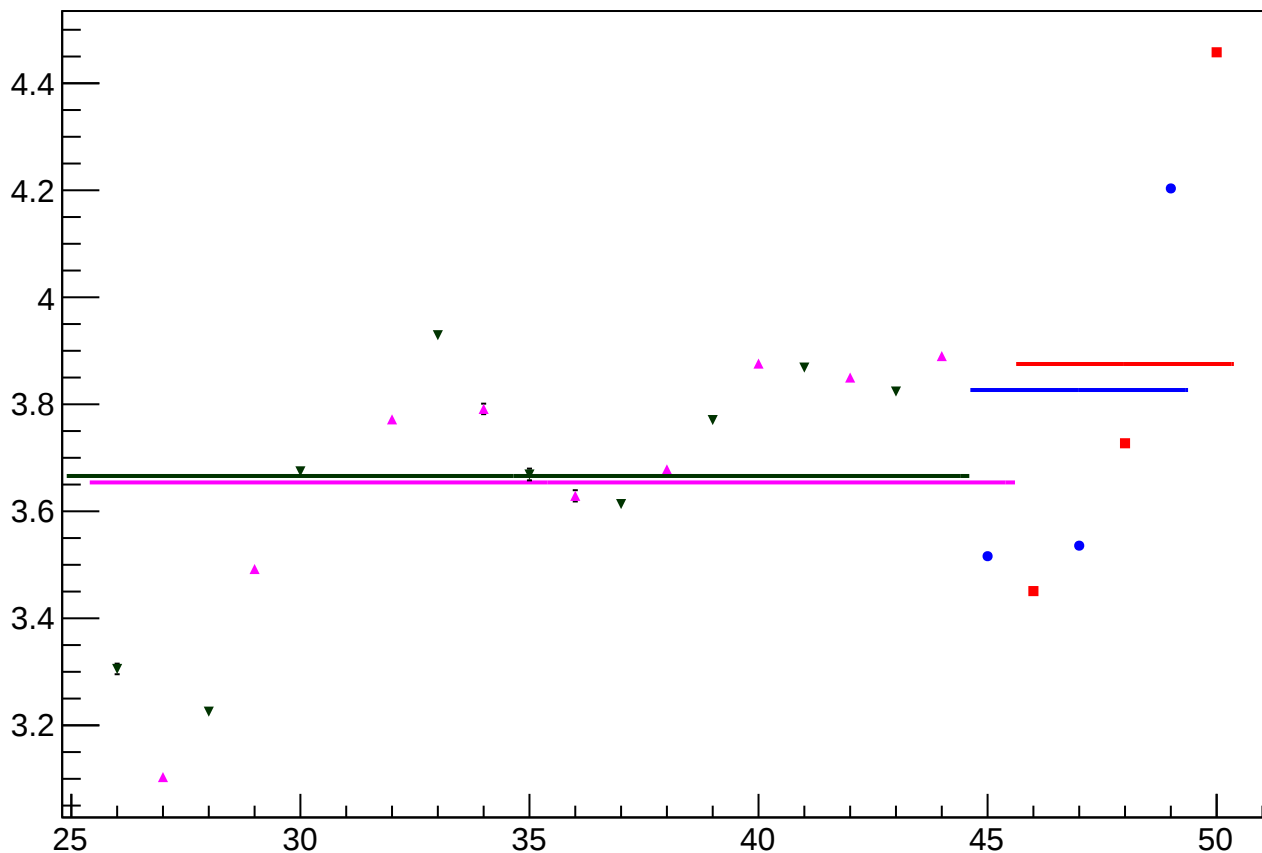
Right Out: -0.576 ± 0.022 χ^2/NDF : 522.7/2

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.219 ± 0.010 χ^2/NDF : 645.0/11

-0.362 ± 0.010 χ^2/NDF : 941.1/11

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

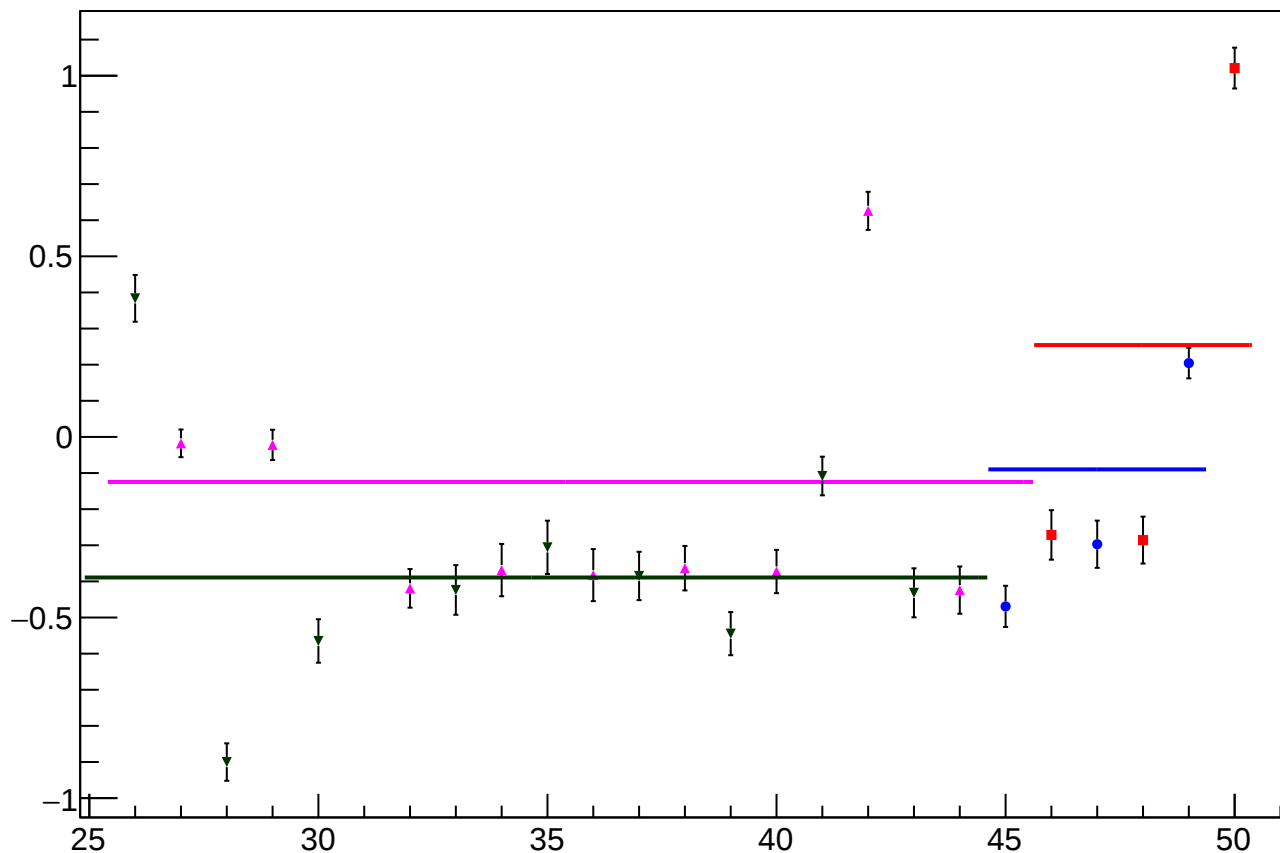
Right Out: 3.875 ± 0.005 χ^2/NDF : 7282.4/2

Left In: 3.654 ± 0.003 χ^2/NDF : 9613.6/8

3.716 ± 0.002 χ^2/NDF : 14320.7/11

3.701 ± 0.002 χ^2/NDF : 18473.4/11

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.090 ± 0.030 $\chi^2/\text{NDF}: 102.9/2$

Left Out: -0.389 ± 0.021 $\chi^2/\text{NDF}: 284.2/8$

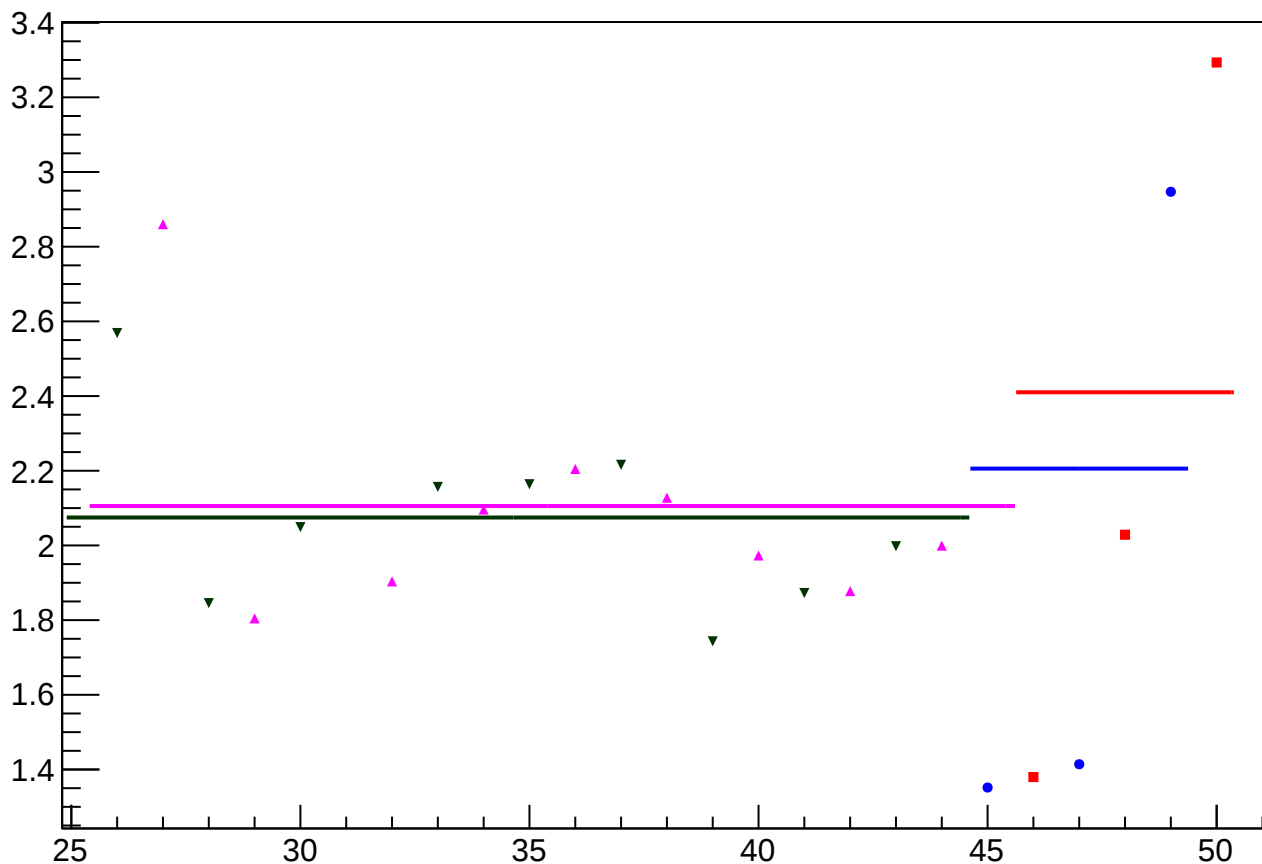
Right Out: 0.254 ± 0.036 $\chi^2/\text{NDF}: 312.1/2$

Left In: -0.125 ± 0.018 $\chi^2/\text{NDF}: 324.0/8$

-0.294 ± 0.017 $\chi^2/\text{NDF}: 454.4/11$

-0.050 ± 0.016 $\chi^2/\text{NDF}: 724.1/11$

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.206 ± 0.006 χ^2/NDF : 18098.9/2

Left Out: 2.075 ± 0.004 χ^2/NDF : 4111.6/8

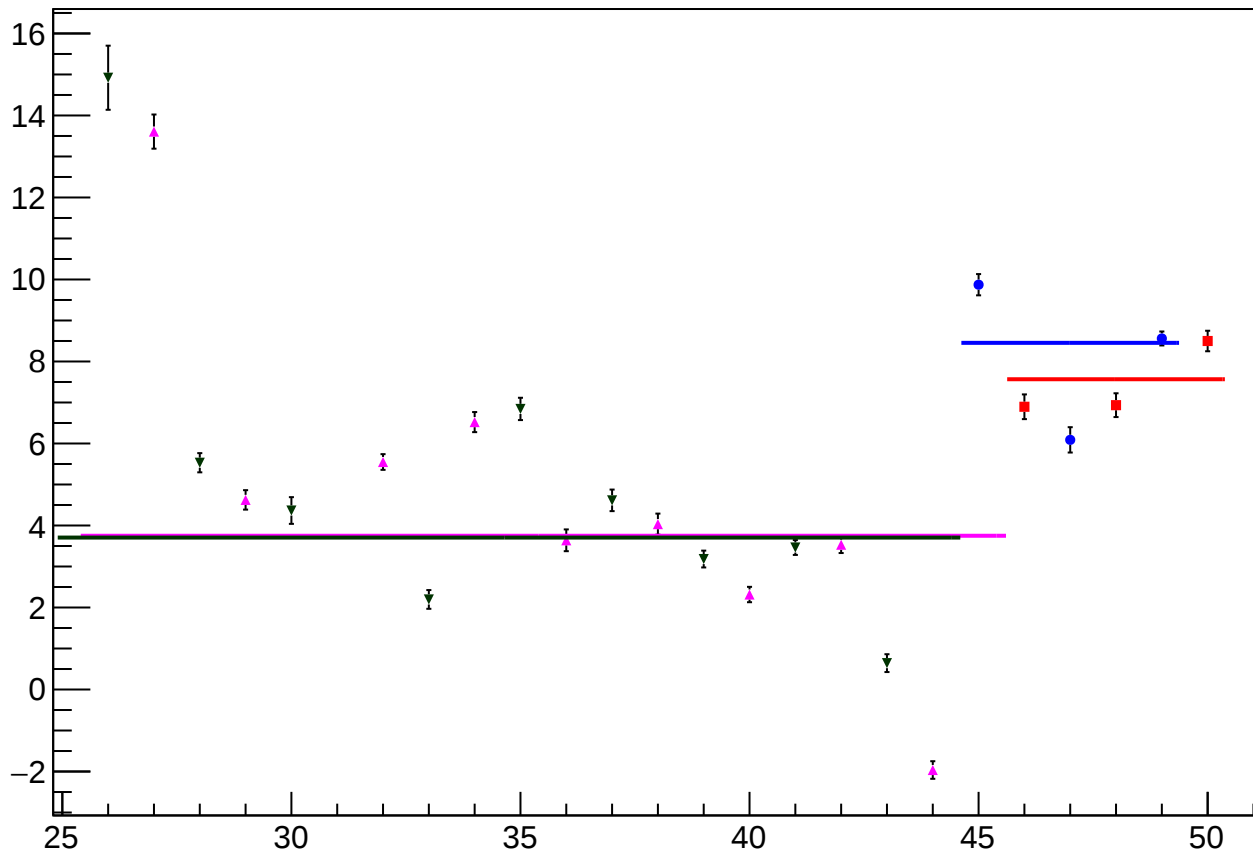
Right Out: 2.410 ± 0.007 χ^2/NDF : 14486.6/2

Left In: 2.106 ± 0.004 χ^2/NDF : 7840.1/8

2.113 ± 0.003 χ^2/NDF : 22569.5/11

2.179 ± 0.003 χ^2/NDF : 23914.7/11

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 8.455 $\pm$ 0.129 χ^2 /NDF: 88.9/2

Left Out: 3.706 $\pm$ 0.081 χ^2 /NDF: 665.5/8

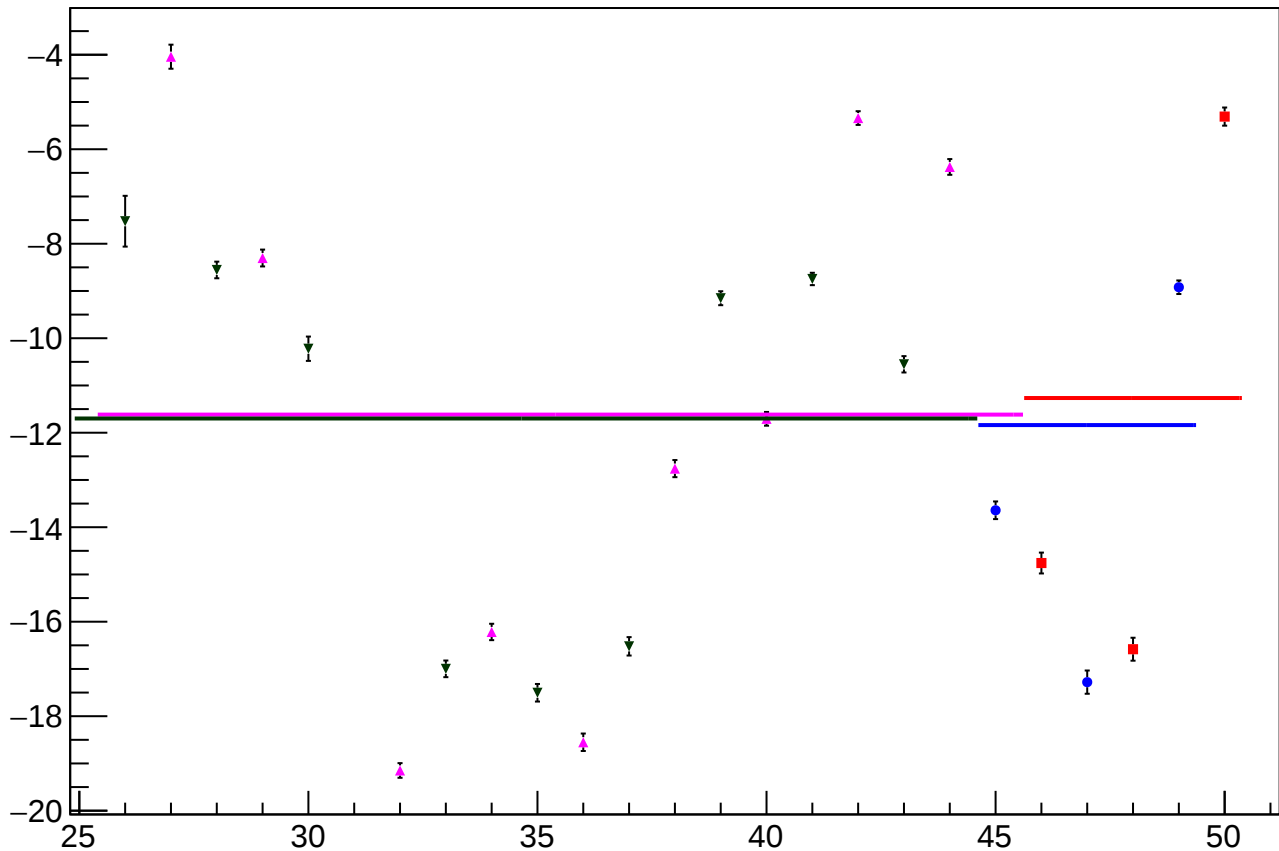
Right Out: 7.567 $\pm$ 0.160 χ^2 /NDF: 23.6/2

Left In: 3.750 $\pm$ 0.076 χ^2 /NDF: 1560.3/8

5.049 $\pm$ 0.069 χ^2 /NDF: 1722.3/11

4.456 $\pm$ 0.069 χ^2 /NDF: 2045.5/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -11.838 +/- 0.103 χ^2/NDF : 995.3/2

Left Out: -11.699 +/- 0.060 χ^2/NDF : 3753.7/8

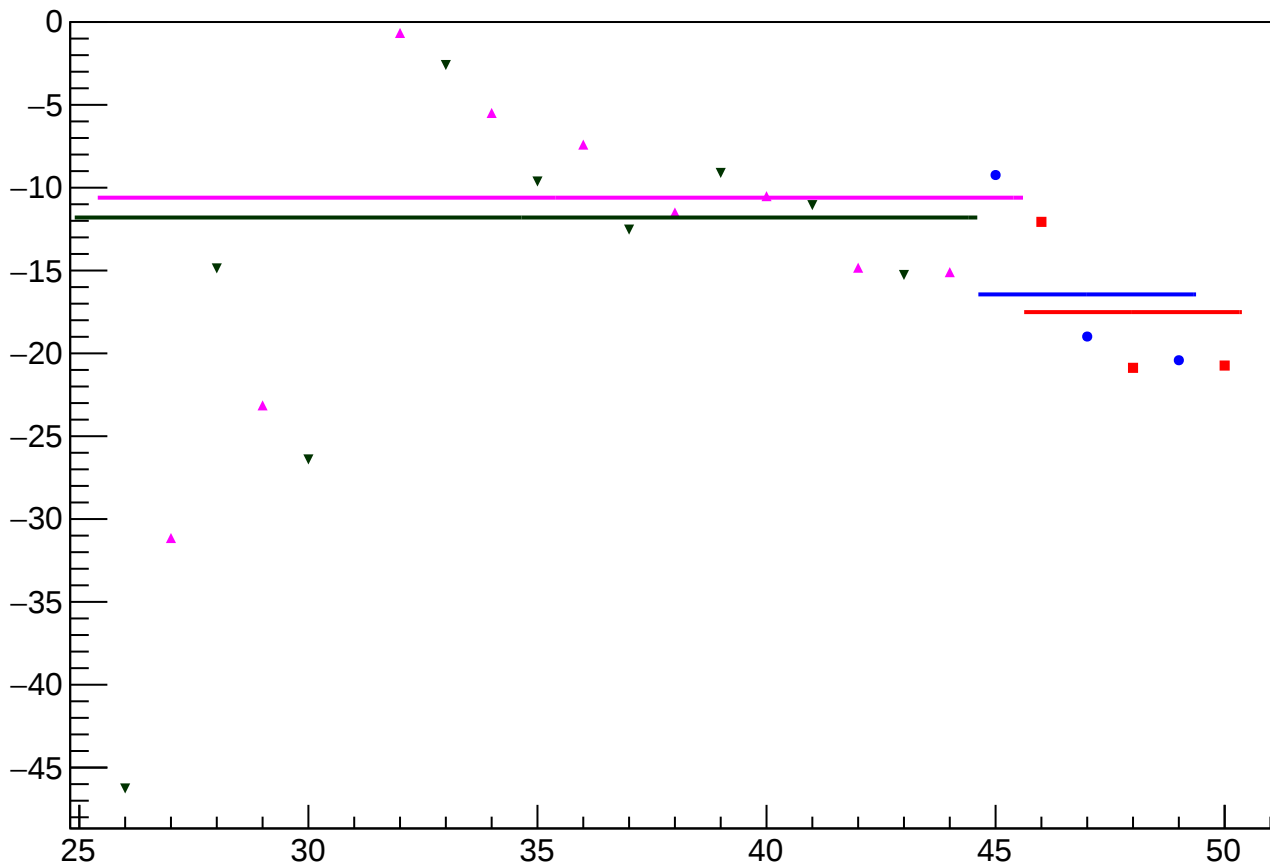
Right Out: -11.266 +/- 0.124 χ^2/NDF : 1693.2/2

Left In: -11.617 +/- 0.057 χ^2/NDF : 8593.1/8

-11.734 +/- 0.052 χ^2/NDF : 4750.4/11

-11.556 +/- 0.052 χ^2/NDF : 10292.9/11

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

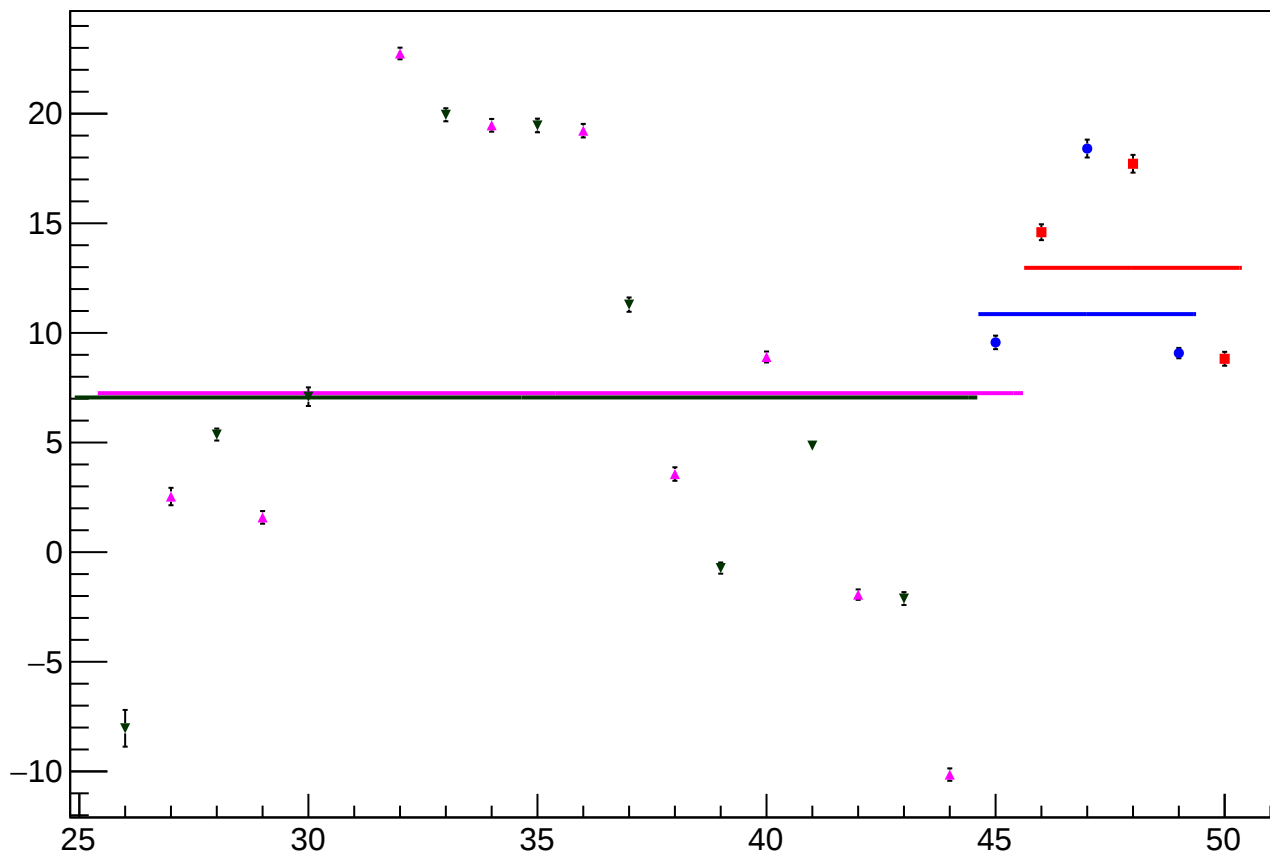
Right Out: -17.509 $\pm$ 0.028 χ^2 /NDF: 22852.6/2

Left In: -10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-12.942 $\pm$ 0.012 χ^2 /NDF: 307045.3/11

-11.808 $\pm$ 0.012 χ^2 /NDF: 393581.6/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 10.858 $\pm$ 0.171 χ^2 /NDF: 416.5/2

Left Out: 7.056 $\pm$ 0.101 χ^2 /NDF: 5984.3/8

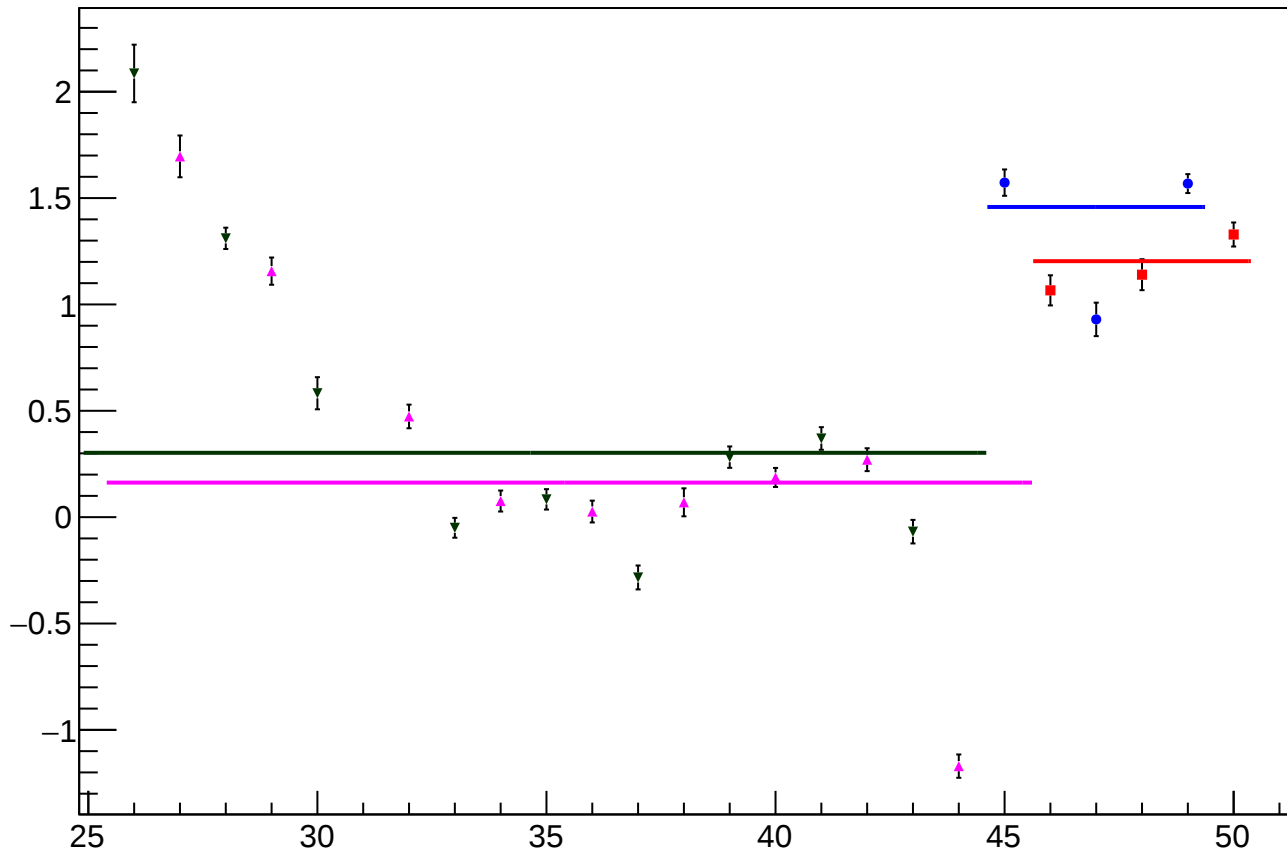
Right Out: 12.968 $\pm$ 0.205 χ^2 /NDF: 329.0/2

Left In: 7.252 $\pm$ 0.095 χ^2 /NDF: 12651.2/8

8.044 $\pm$ 0.087 χ^2 /NDF: 6768.7/11

8.254 $\pm$ 0.086 χ^2 /NDF: 13619.2/11

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

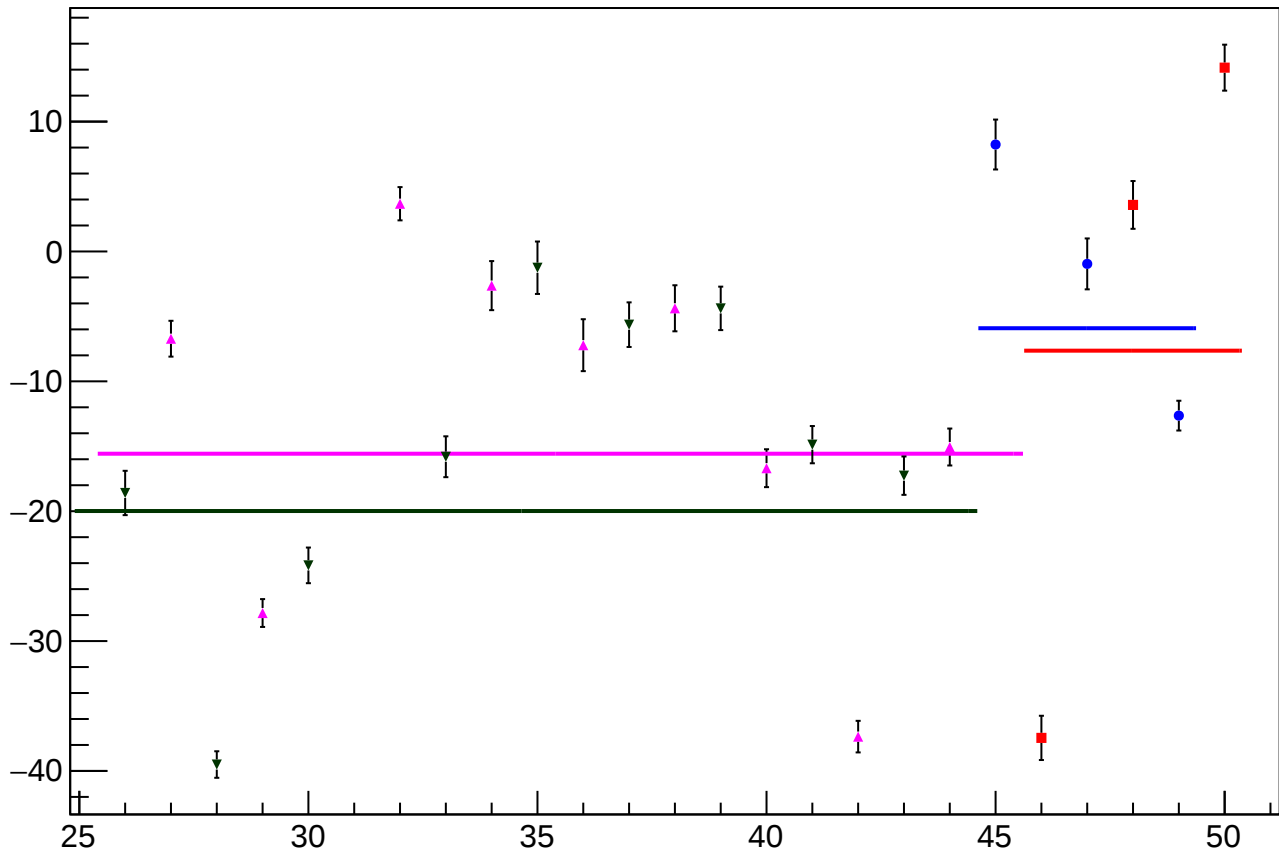
Right Out: 1.203 $\pm$ 0.038 χ^2 /NDF: 9.4/2

Left In: 0.162 $\pm$ 0.019 χ^2 /NDF: 1123.7/8

0.582 $\pm$ 0.016 χ^2 /NDF: 1820.5/11

0.367 $\pm$ 0.017 χ^2 /NDF: 1743.9/11

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

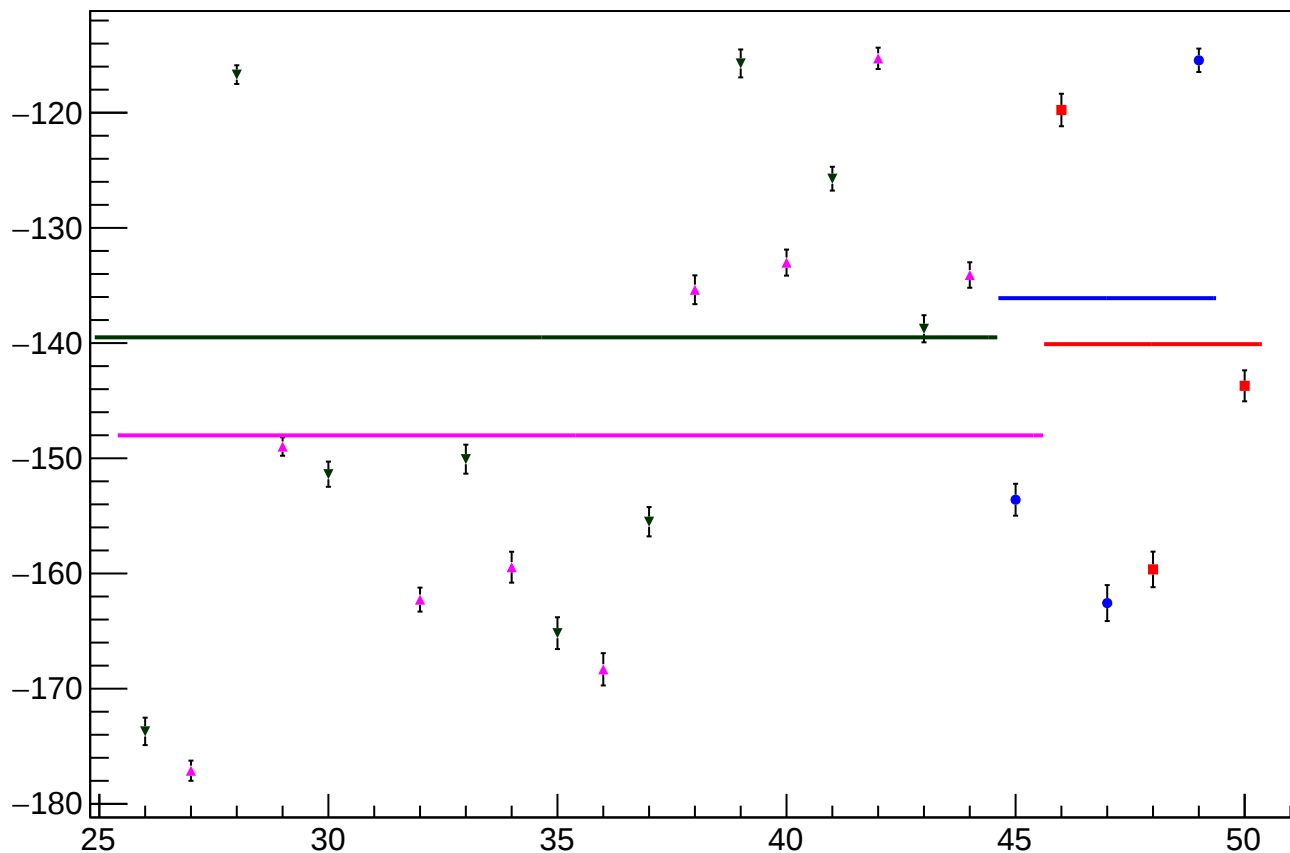
Right Out: -7.639+/-1.021 χ^2/NDF : 495.0/2

Left In: -15.574+/-0.472 χ^2/NDF : 824.1/8

-16.628+/-0.430 χ^2/NDF : 931.3/11

-14.178+/-0.428 χ^2/NDF : 1368.9/11

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

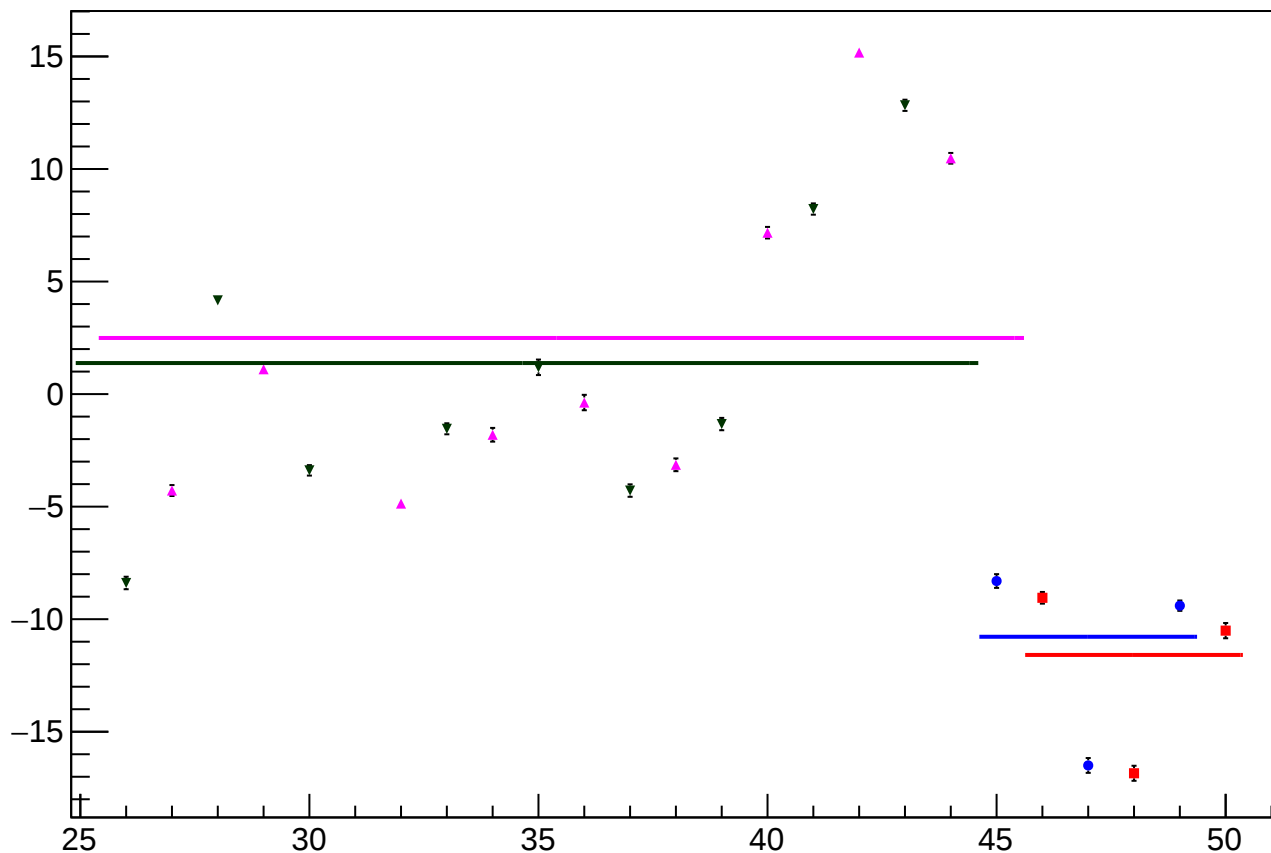
Right Out: -140.093+/-0.823 χ^2/NDF : 375.6/2

Left In: -148.011+/-0.348 χ^2/NDF : 3260.7/8

-138.788+/-0.332 χ^2/NDF : 3743.5/11

-146.810+/-0.321 χ^2/NDF : 3714.8/11

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 $\chi^2/\text{NDF}: 5402.0/8$

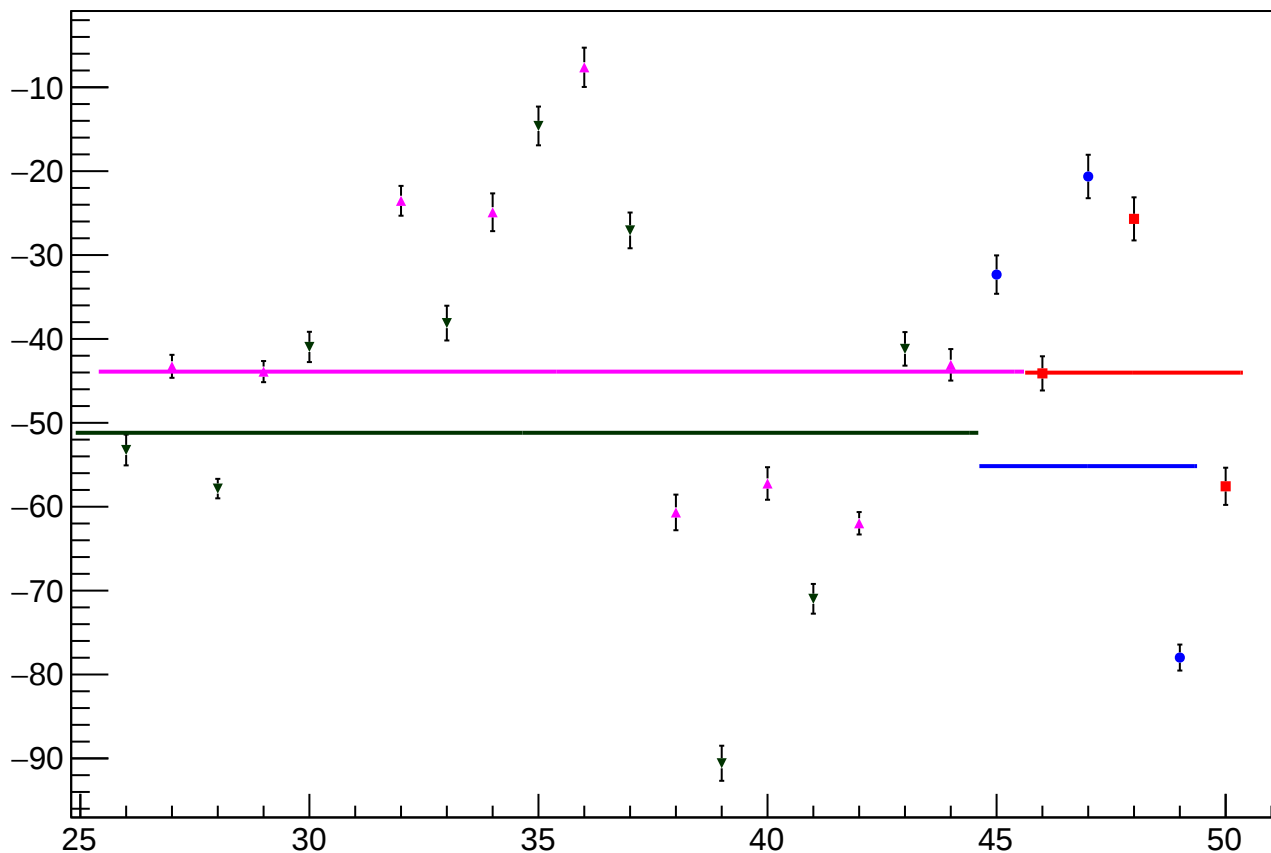
Right Out: -11.588 ± 0.175 $\chi^2/\text{NDF}: 353.3/2$

Left In: 2.493 ± 0.081 $\chi^2/\text{NDF}: 7773.1/8$

-1.201 ± 0.074 $\chi^2/\text{NDF}: 10327.7/11$

0.012 ± 0.074 $\chi^2/\text{NDF}: 13432.8/11$

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

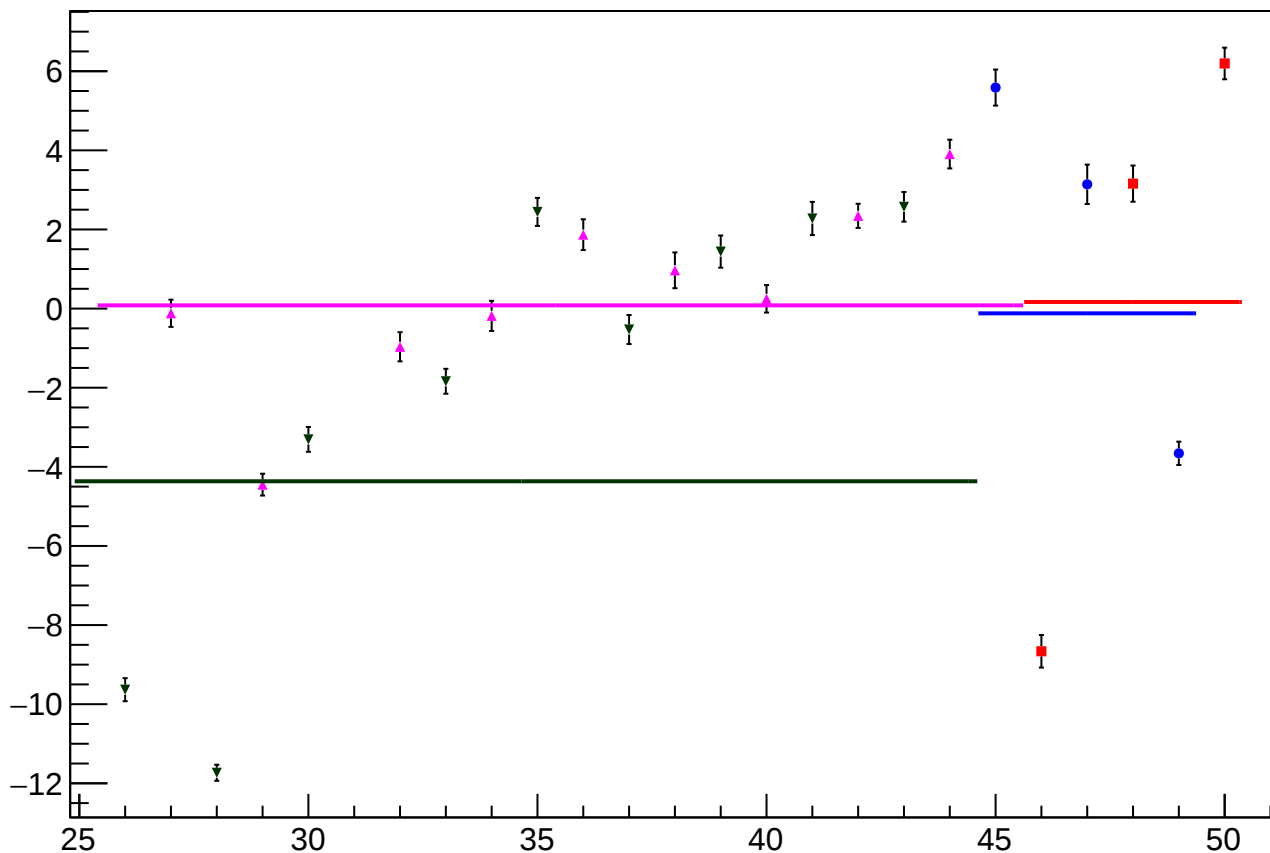
Right Out: -44.016 $\pm$ 1.296 χ^2 /NDF: 88.3/2

Left In: -43.897 $\pm$ 0.560 χ^2 /NDF: 735.5/8

-52.036 $\pm$ 0.531 χ^2 /NDF: 1493.6/11

-43.915 $\pm$ 0.514 χ^2 /NDF: 823.8/11

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

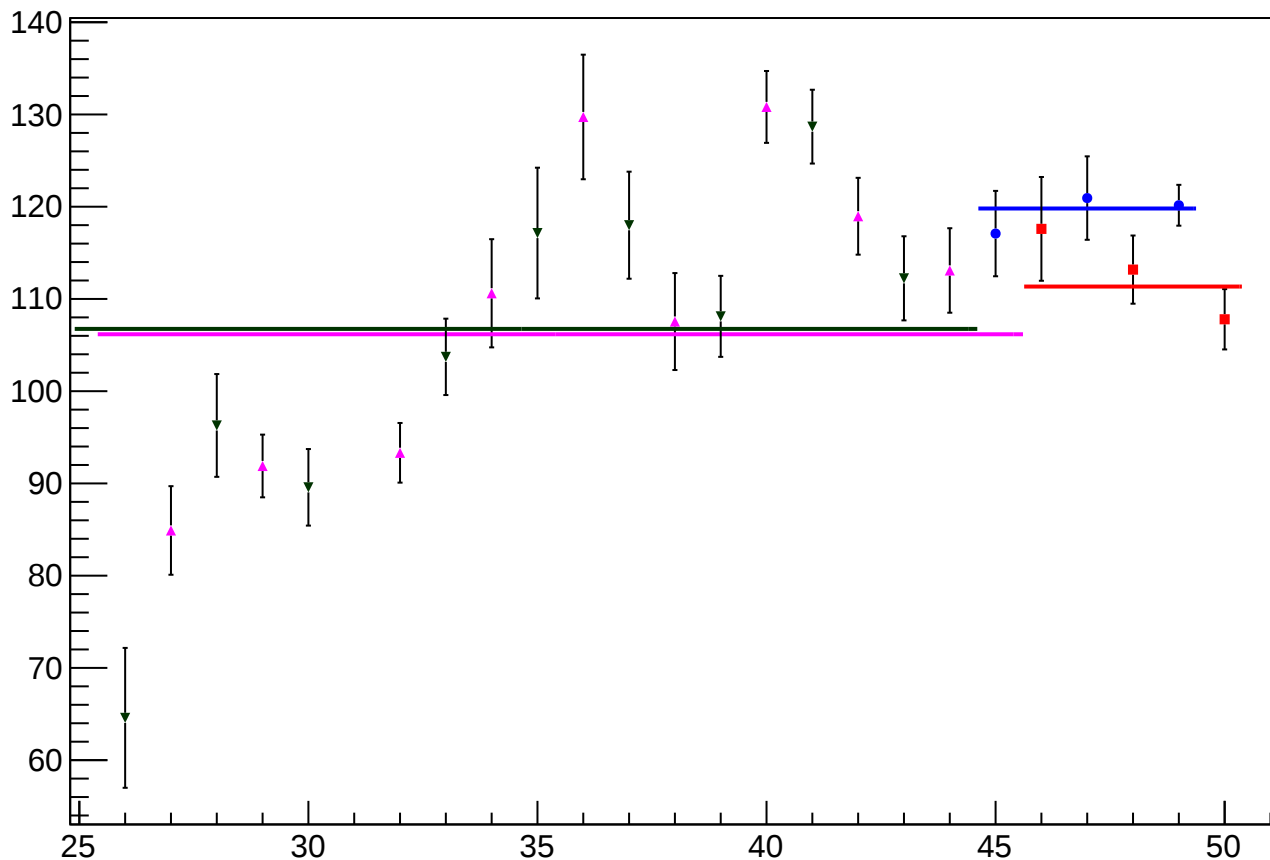
Right Out: 0.167 ± 0.243 χ^2/NDF : 730.6/2

Left In: 0.082 ± 0.116 χ^2/NDF : 470.0/8

-3.586 ± 0.095 χ^2/NDF : 3637.8/11

0.098 ± 0.105 χ^2/NDF : 1200.7/11

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 119.805 $\pm$ 1.827 χ^2 /NDF: 0.4/2

Left Out: 106.753 $\pm$ 1.626 χ^2 /NDF: 89.6/8

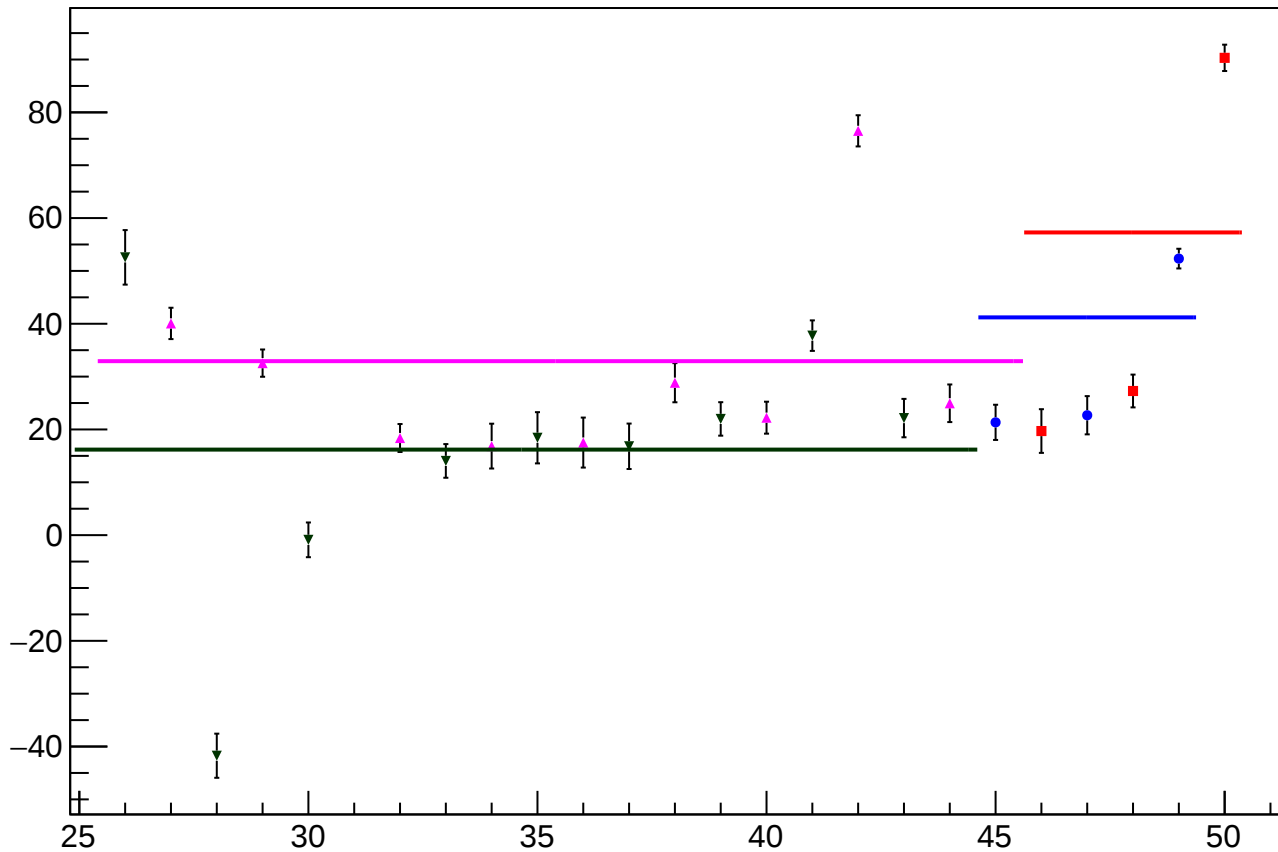
Right Out: 111.344 $\pm$ 2.245 χ^2 /NDF: 2.7/2

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF: 117.6/8

112.523 $\pm$ 1.215 χ^2 /NDF: 118.5/11

107.675 $\pm$ 1.211 χ^2 /NDF: 124.0/11

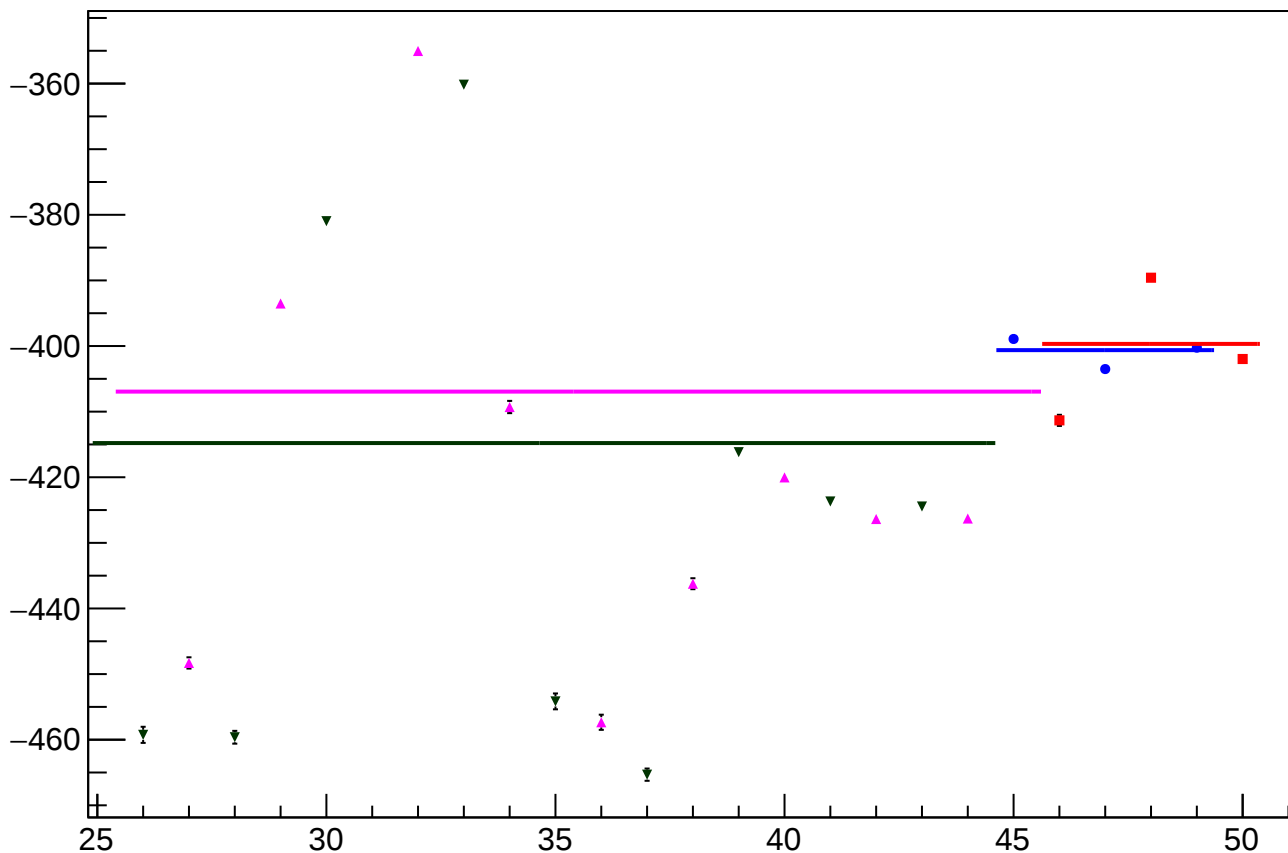
reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 41.206 $\pm$ 1.483 χ^2/NDF : 97.4/2
 Left Out: 16.187 $\pm$ 1.214 χ^2/NDF : 331.6/8
 Right Out: 57.280 $\pm$ 1.759 χ^2/NDF : 351.8/2
 Left In: 32.922 $\pm$ 1.064 χ^2/NDF : 297.8/8

26.230 $\pm$ 0.939 χ^2/NDF : 599.5/11
 39.449 $\pm$ 0.910 χ^2/NDF : 790.1/11

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

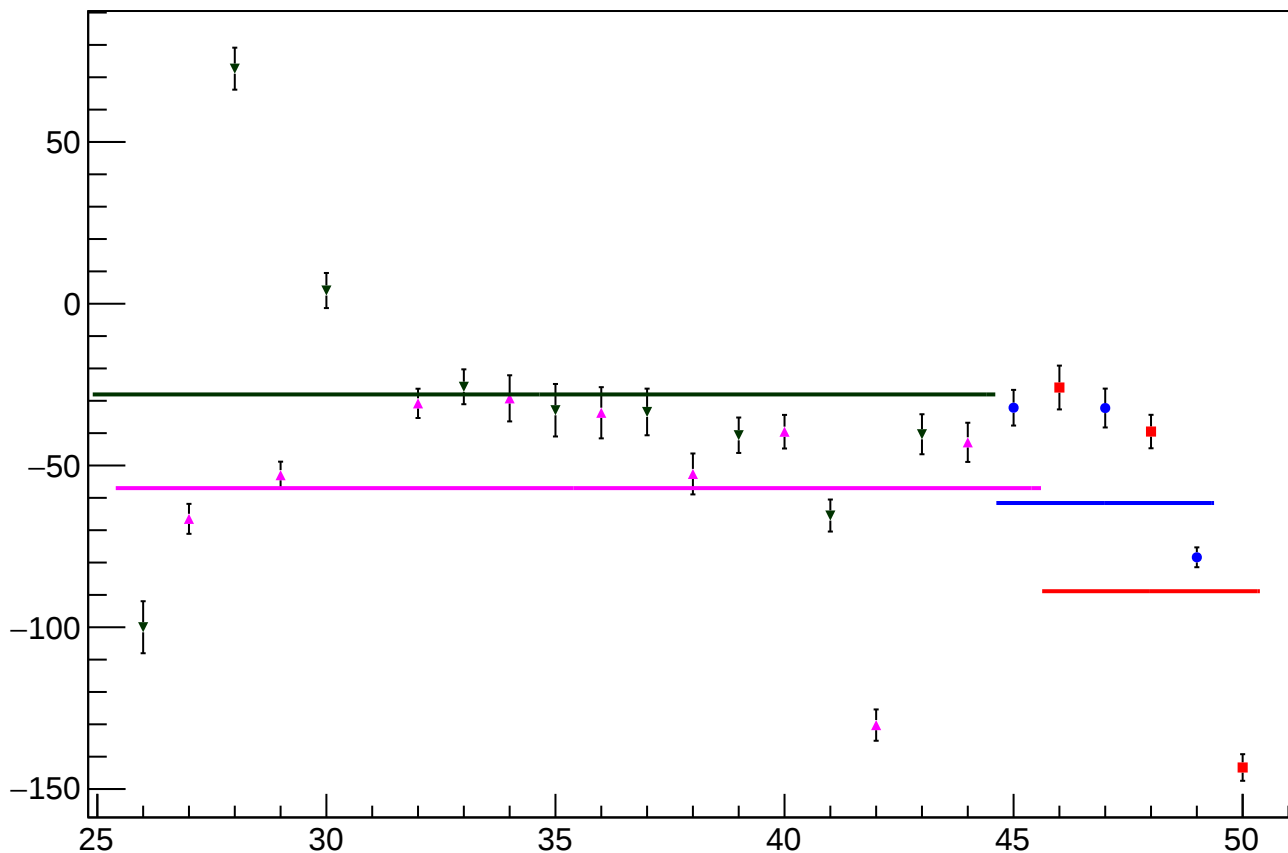
Right Out: -399.676+/-0.404 χ^2/NDF : 424.7/2

Left In: -406.947+/-0.246 χ^2/NDF :18132.7/8

-409.389+/-0.213 χ^2/NDF : 18254.0/11

-404.982+/-0.210 χ^2/NDF : 18793.4/11

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

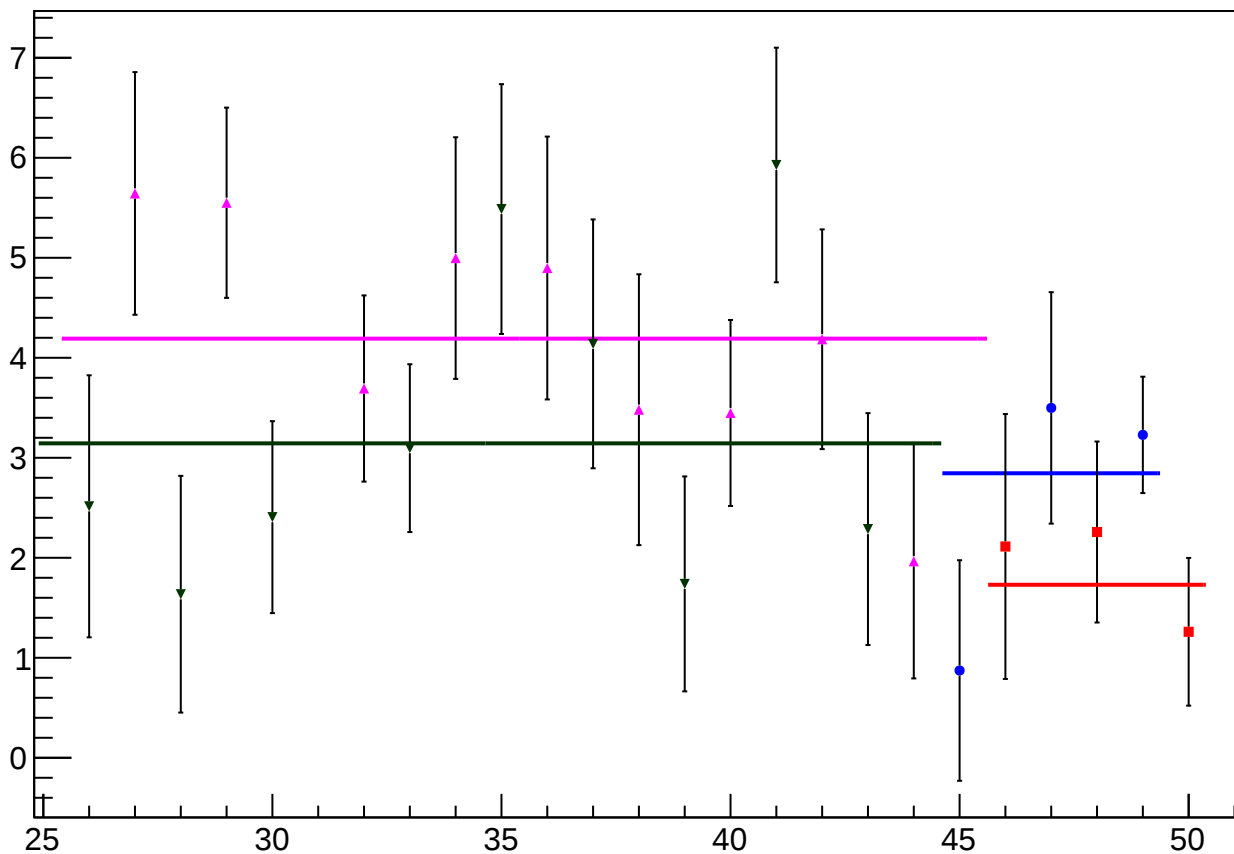
Right Out: -88.857 $\pm$ 2.907 χ^2 /NDF: 353.1/2

Left In: -56.994 $\pm$ 1.767 χ^2 /NDF:308.6/8

-41.721 $\pm$ 1.563 χ^2 /NDF: 617.1/11

-65.592 $\pm$ 1.510 χ^2 /NDF: 749.3/11

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

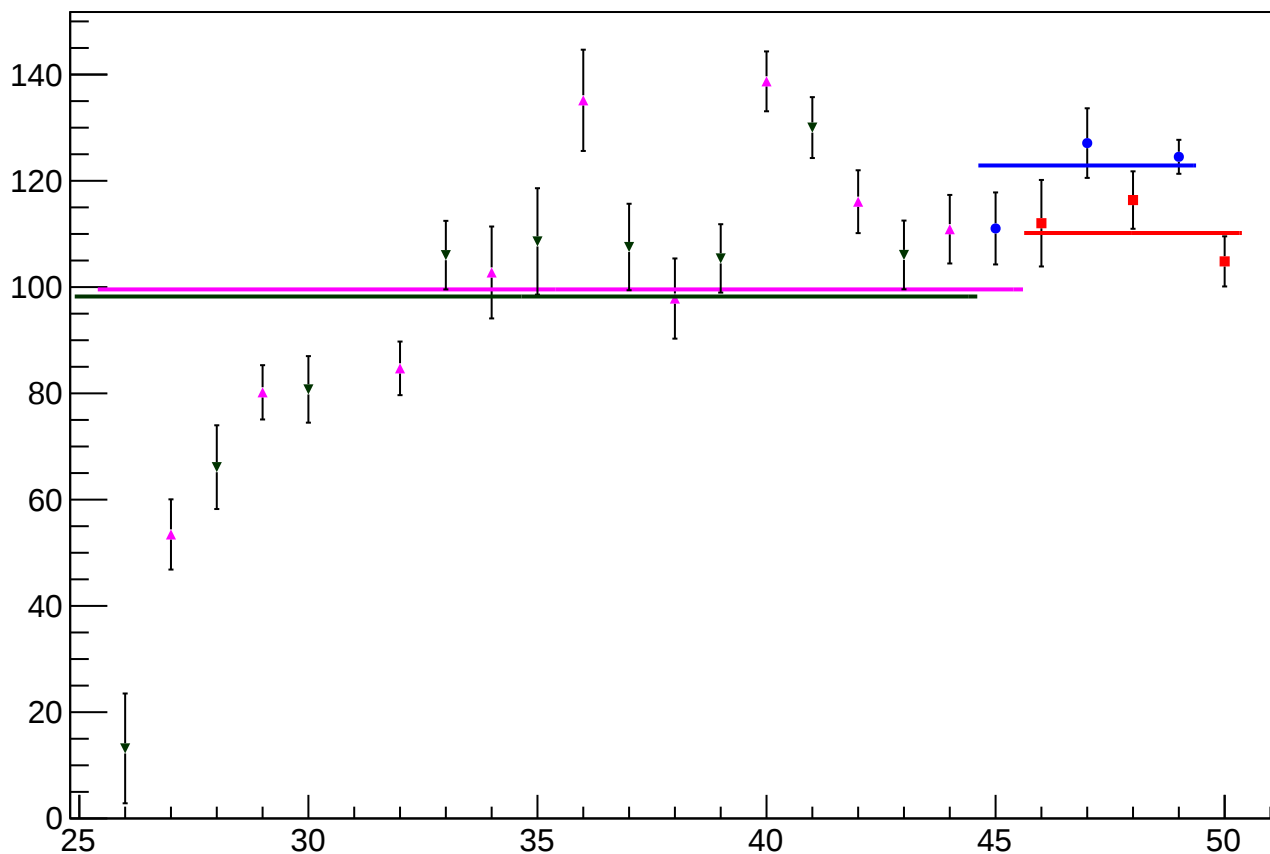
Right Out: 1.730 $\pm$ 0.525 χ^2 /NDF: 0.8/2

Left In: 4.191 $\pm$ 0.366 χ^2 /NDF:9.0/8

3.031 $\pm$ 0.289 χ^2 /NDF: 18.7/11

3.387 $\pm$ 0.300 χ^2 /NDF: 24.6/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 122.886+/-2.645 χ^2/NDF : 3.7/2

Left Out: 98.229+/-2.366 χ^2/NDF : 129.5/8

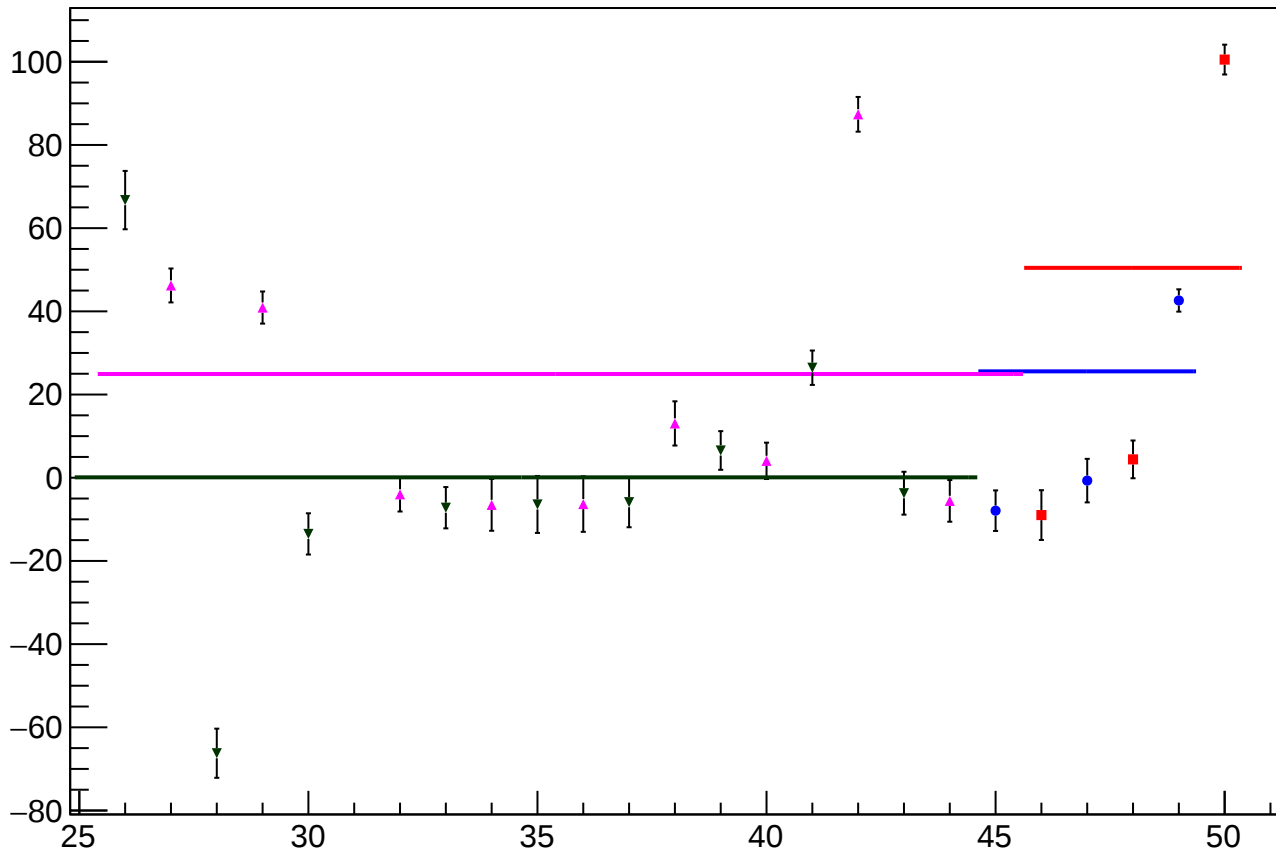
Right Out: 110.178+/-3.258 χ^2/NDF : 2.6/2

Left In: 99.563+/-2.101 χ^2/NDF : 145.0/8

109.191+/-1.763 χ^2/NDF : 181.5/11

102.681+/-1.766 χ^2/NDF : 155.2/11

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

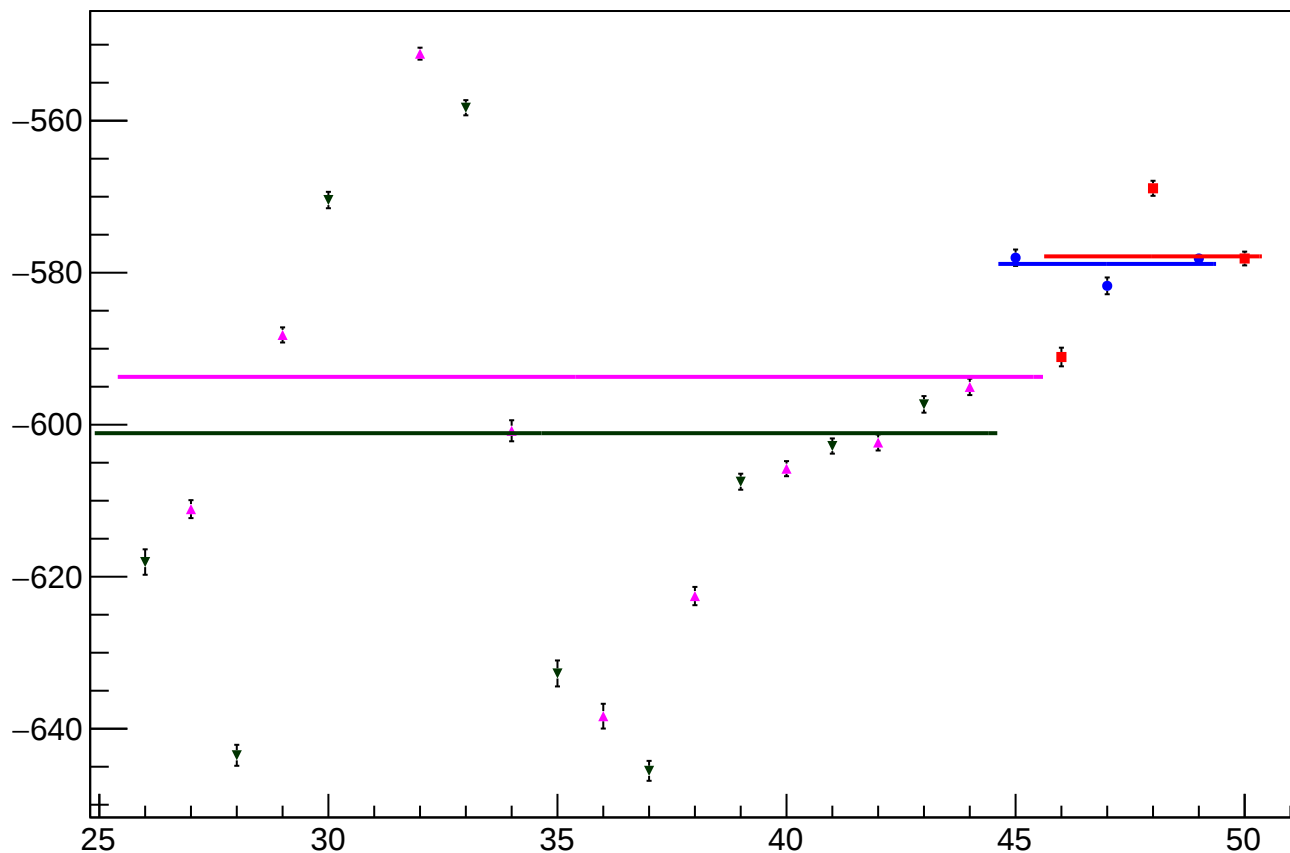
Right Out: 50.457 ± 2.546 χ^2/NDF : 396.7/2

Left In: 24.935 ± 1.545 χ^2/NDF : 429.4/8

10.370 ± 1.362 χ^2/NDF : 468.0/11

31.802 ± 1.321 χ^2/NDF : 899.5/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -578.844+/-0.500 χ^2/NDF : 8.6/2

Left Out: -601.116+/-0.395 χ^2/NDF : 5229.3/8

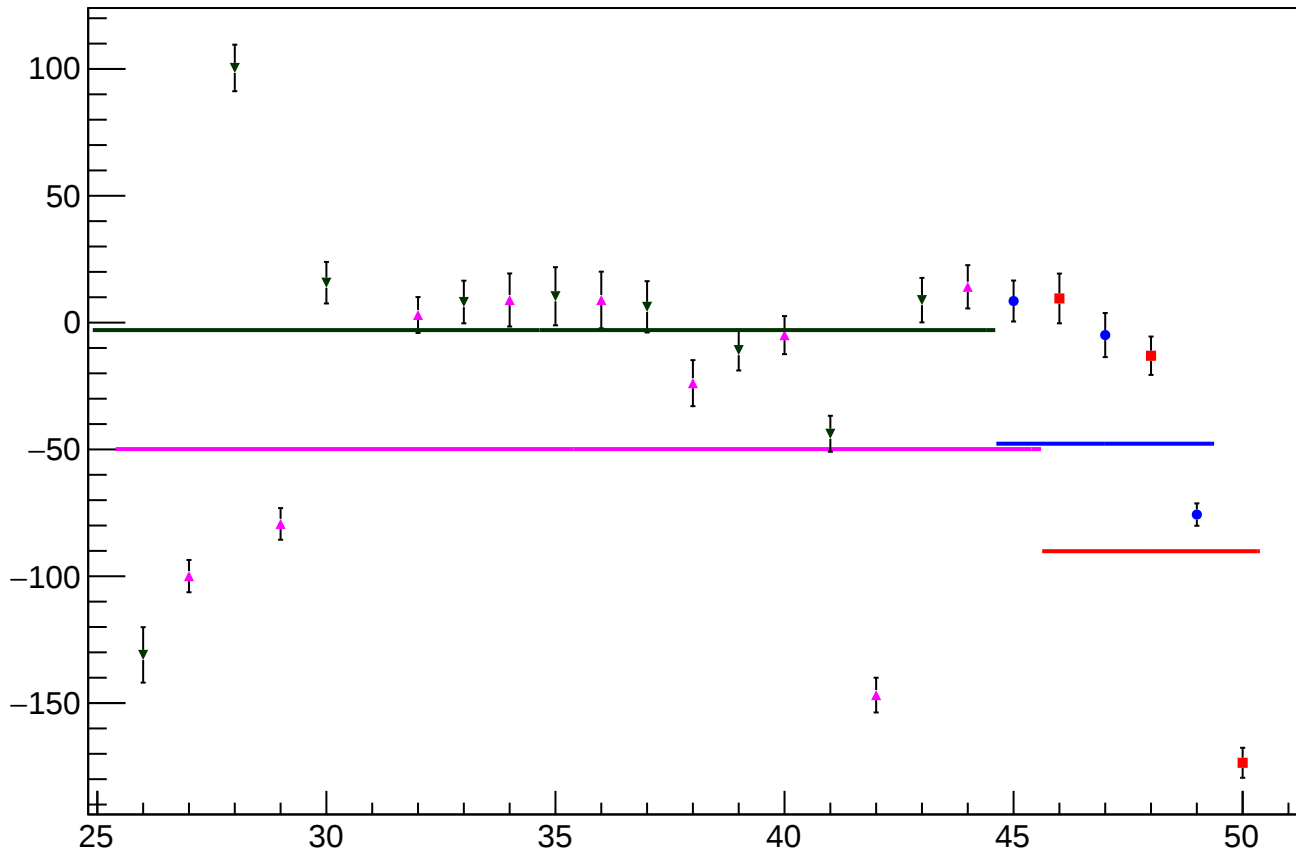
Right Out: -577.852+/-0.587 χ^2/NDF : 198.4/2

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-592.566+/-0.310 χ^2/NDF : 6458.1/11

-589.364+/-0.307 χ^2/NDF : 5460.1/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -47.737±/3.540 χ^2/NDF : 112.9/2

Left Out: -2.951±/2.946 χ^2/NDF :309.3/8

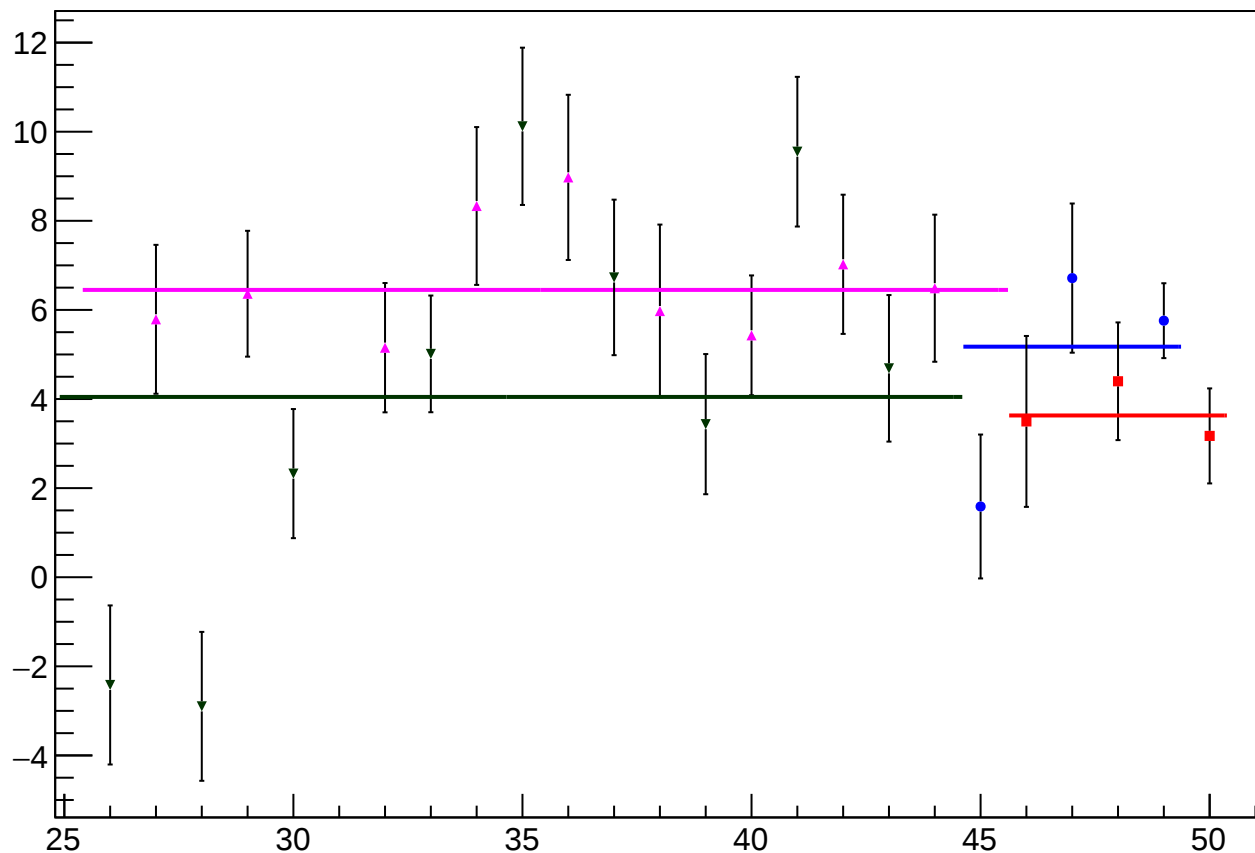
Right Out: -90.123±/4.208 χ^2/NDF : 406.0/2

Left In: -49.855±/2.562 χ^2/NDF :500.0/8

-21.278±/2.265 χ^2/NDF : 516.7/11

-60.741±/2.188 χ^2/NDF : 972.9/11

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 5.175 $\pm$ 0.681 χ^2 /NDF: 6.3/2

Left Out: 4.047 $\pm$ 0.534 χ^2 /NDF: 57.6/8

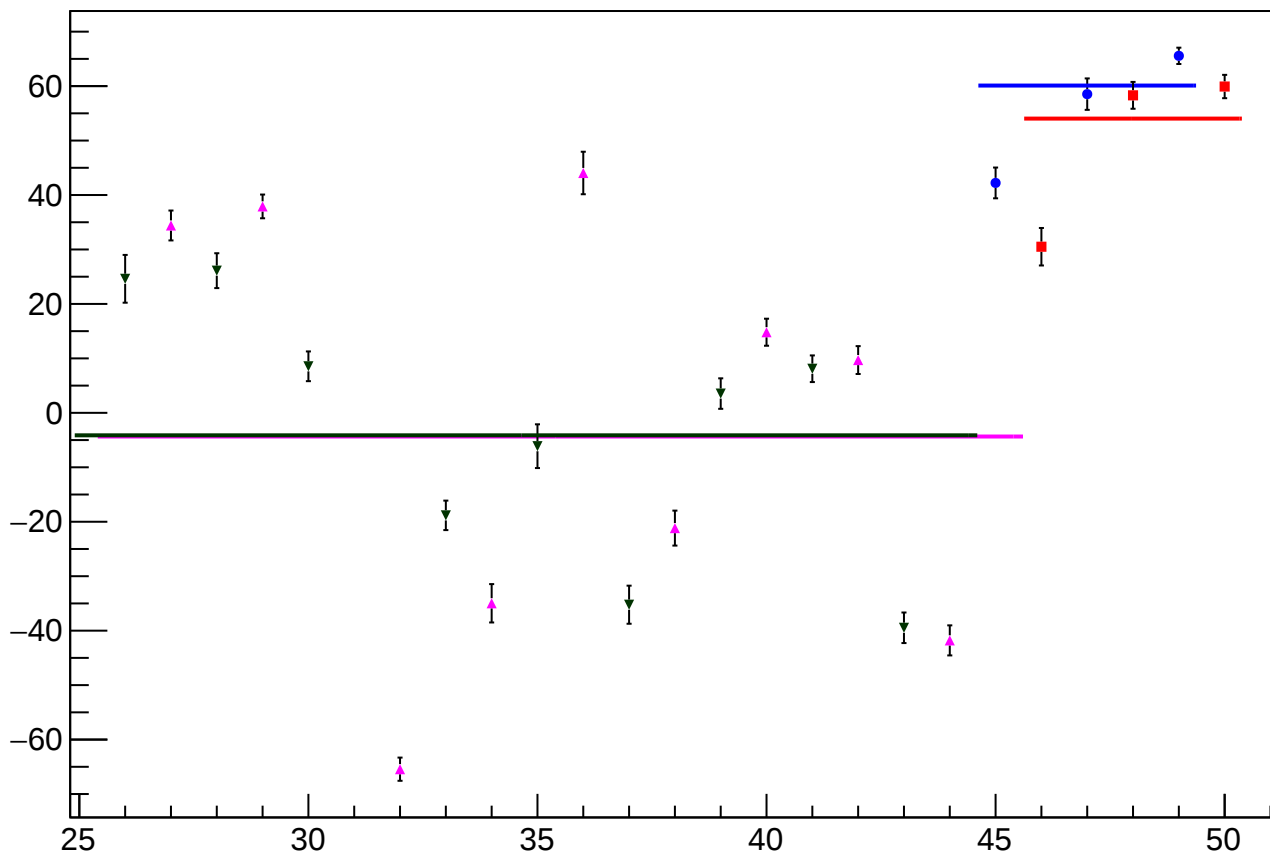
Right Out: 3.631 $\pm$ 0.762 χ^2 /NDF: 0.5/2

Left In: 6.449 $\pm$ 0.532 χ^2 /NDF: 4.7/8

4.476 $\pm$ 0.420 χ^2 /NDF: 65.5/11

5.526 $\pm$ 0.436 χ^2 /NDF: 14.5/11

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

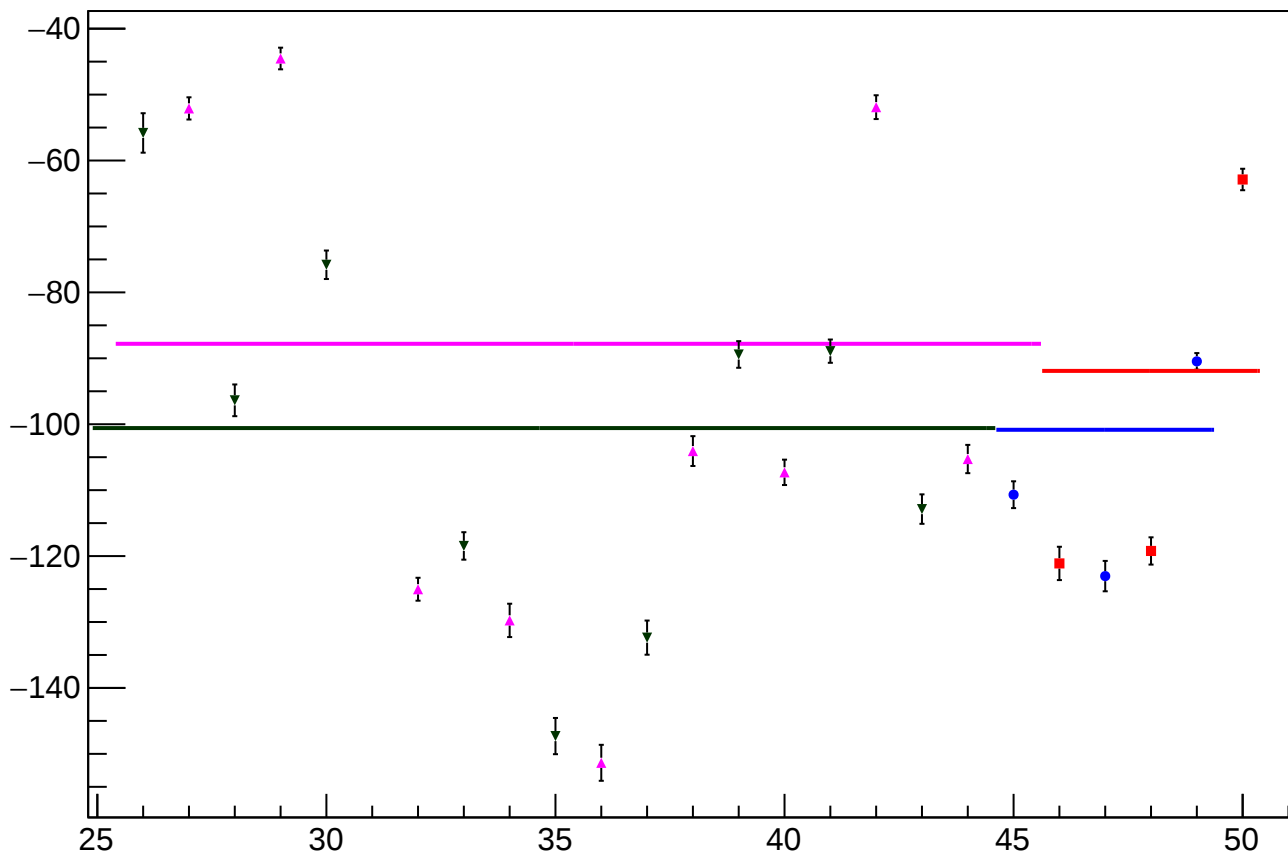
Right Out: 54.035 $\pm$ 1.464 χ^2 /NDF: 57.3/2

Left In: -4.348 $\pm$ 0.893 χ^2 /NDF: 1927.7/8

22.326 $\pm$ 0.773 χ^2 /NDF: 2181.9/11

11.496 $\pm$ 0.763 χ^2 /NDF: 3144.1/11

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

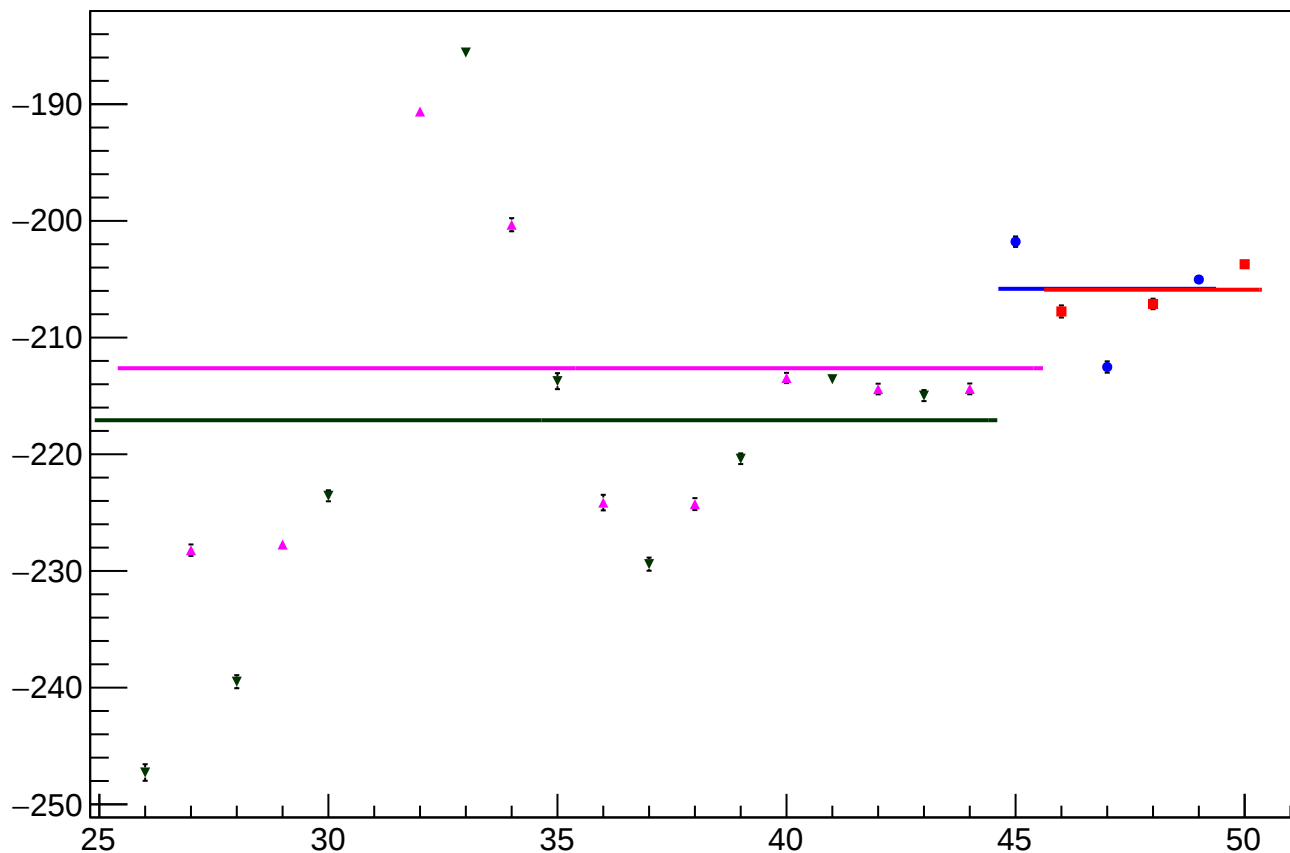
Right Out: -91.910 ± 1.141 χ^2/NDF : 626.1/2

Left In: -87.800 ± 0.654 χ^2/NDF : 3036.8/8

-100.680 ± 0.593 χ^2/NDF : 1160.2/11

-88.817 ± 0.568 χ^2/NDF : 3672.7/11

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

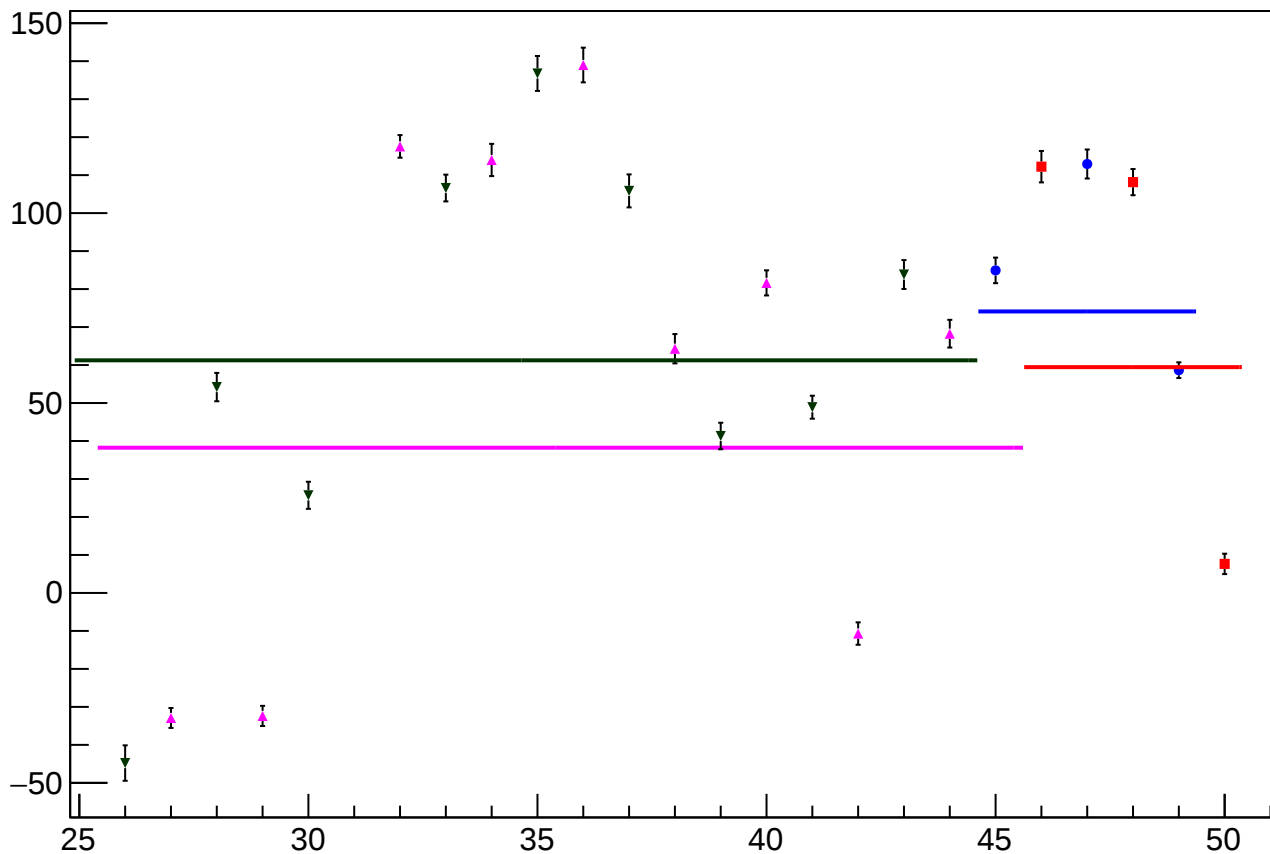
Right Out: -205.898+/-0.262 χ^2/NDF : 48.4/2

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-213.051+/-0.135 χ^2/NDF : 11766.2/11

-210.920+/-0.132 χ^2/NDF : 8583.7/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 74.108 $\pm$ 1.601 χ^2/NDF : 169.3/2

Left Out: 61.242 $\pm$ 1.253 χ^2/NDF : 1243.9/8

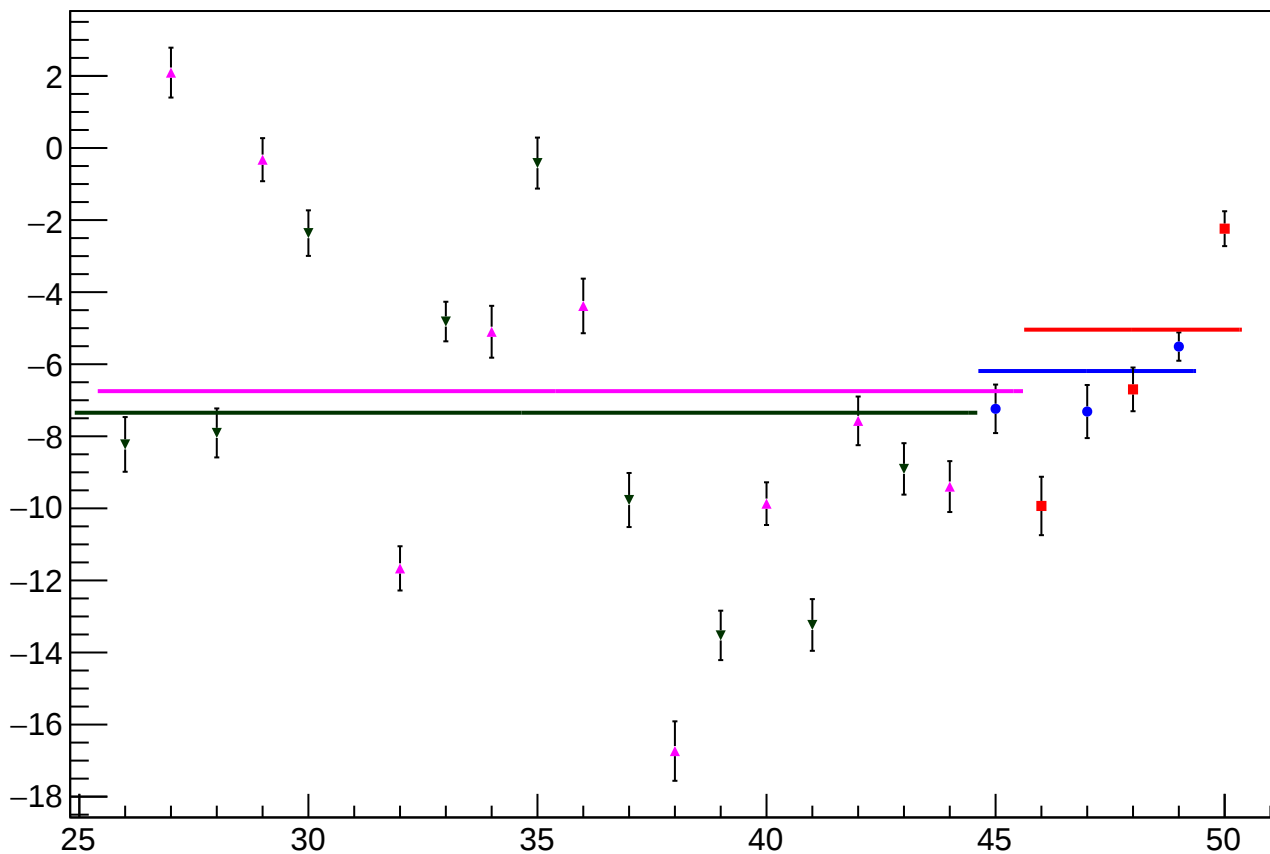
Right Out: 59.449 $\pm$ 1.886 χ^2/NDF : 734.5/2

Left In: 38.240 $\pm$ 1.083 χ^2/NDF : 3520.6/8

66.126 $\pm$ 0.987 χ^2/NDF : 1453.2/11

43.503 $\pm$ 0.939 χ^2/NDF : 4350.2/11

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

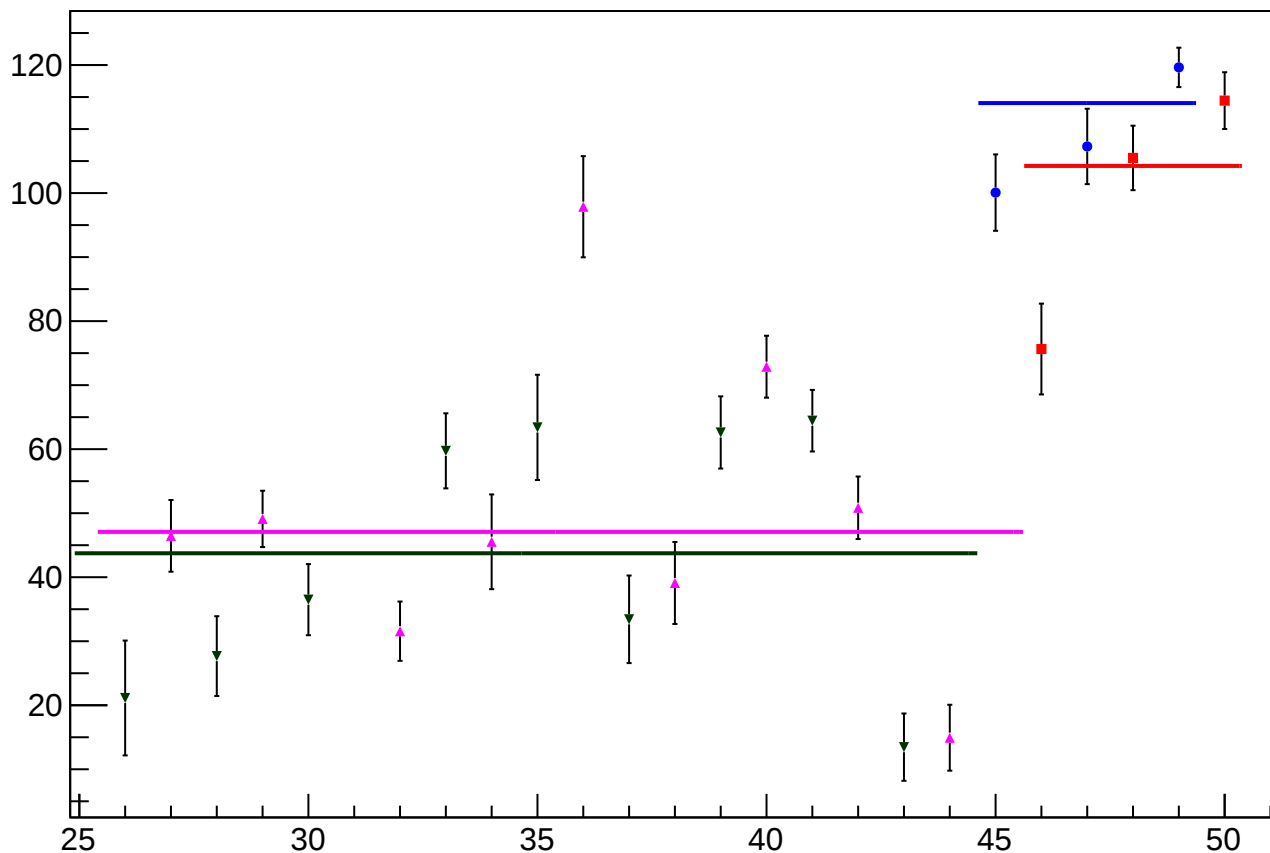
Right Out: -5.041+/-0.343 χ^2/NDF : 77.4/2

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-6.941+/-0.182 χ^2/NDF : 361.9/11

-6.233+/-0.188 χ^2/NDF : 642.3/11

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

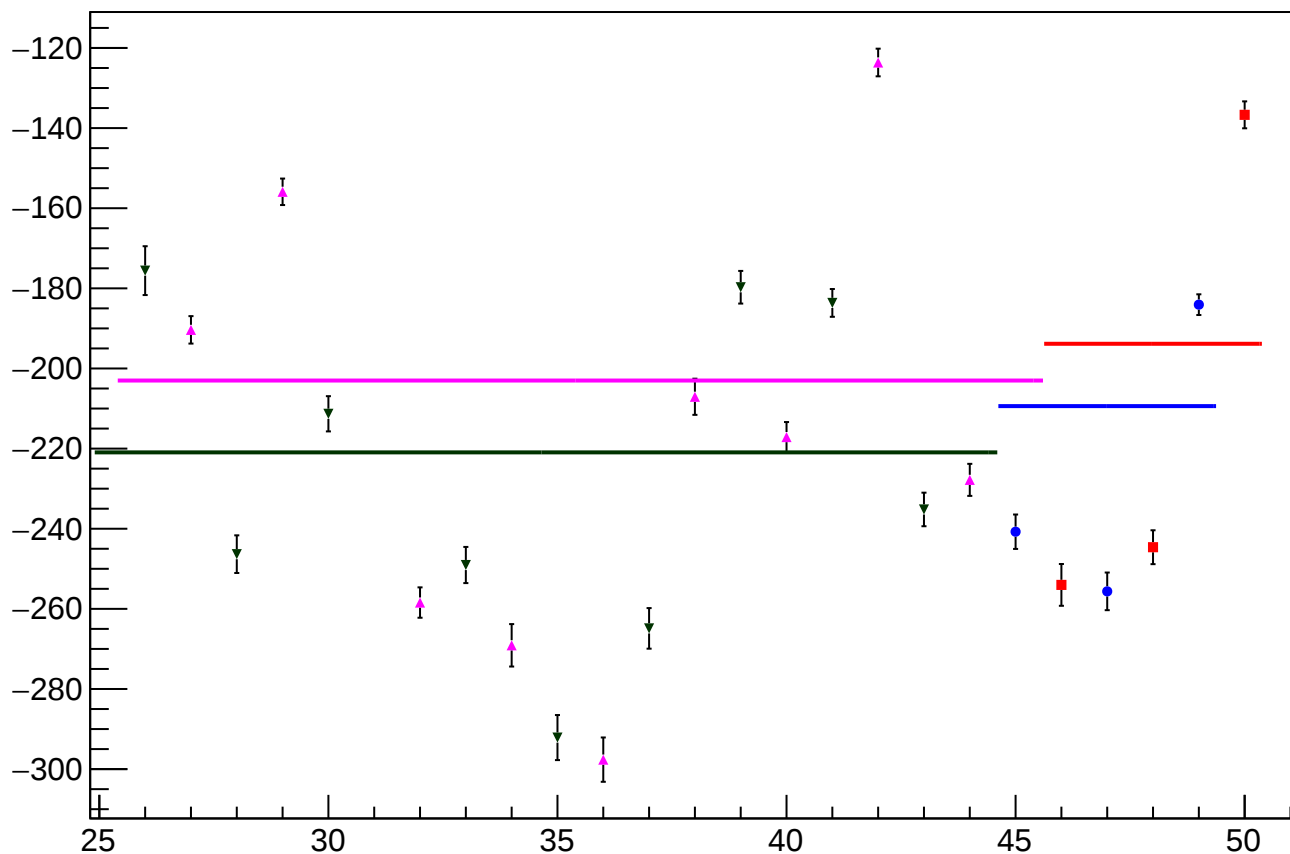
Right Out: 104.239 $\pm$ 3.013 χ^2 /NDF: 21.6/2

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

71.654 $\pm$ 1.563 χ^2 /NDF: 587.5/11

62.026 $\pm$ 1.541 χ^2 /NDF: 409.9/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -209.394 $\pm$ 2.003 χ^2 /NDF: 246.2/2

Left Out: -220.942 $\pm$ 1.501 χ^2 /NDF:593.2/8

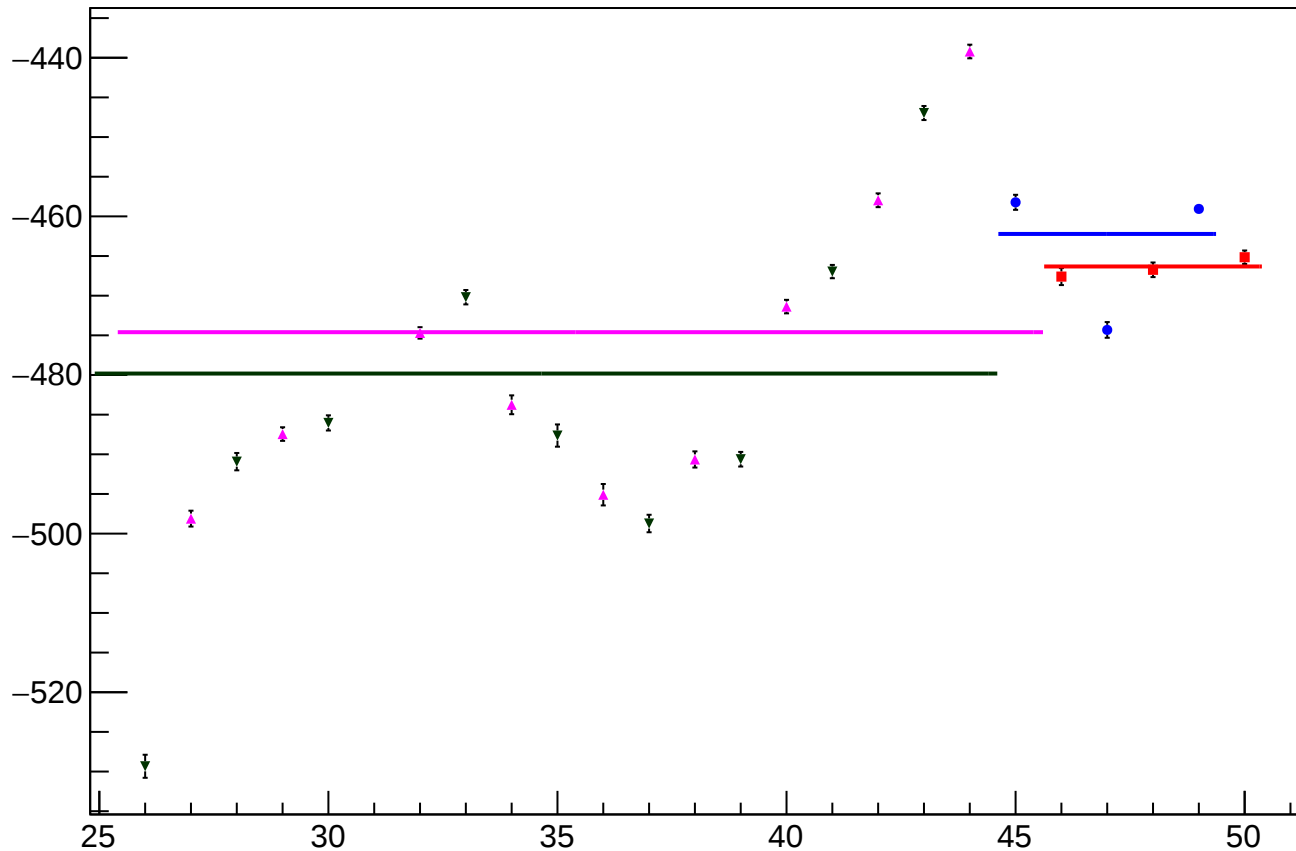
Right Out: -193.836 $\pm$ 2.350 χ^2 /NDF: 566.2/2

Left In: -203.009 $\pm$ 1.312 χ^2 /NDF:1461.1/8

-216.789 $\pm$ 1.201 χ^2 /NDF: 860.7/11

-200.830 $\pm$ 1.145 χ^2 /NDF: 2038.9/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -462.216+/-0.465 χ^2/NDF : 191.7/2

Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

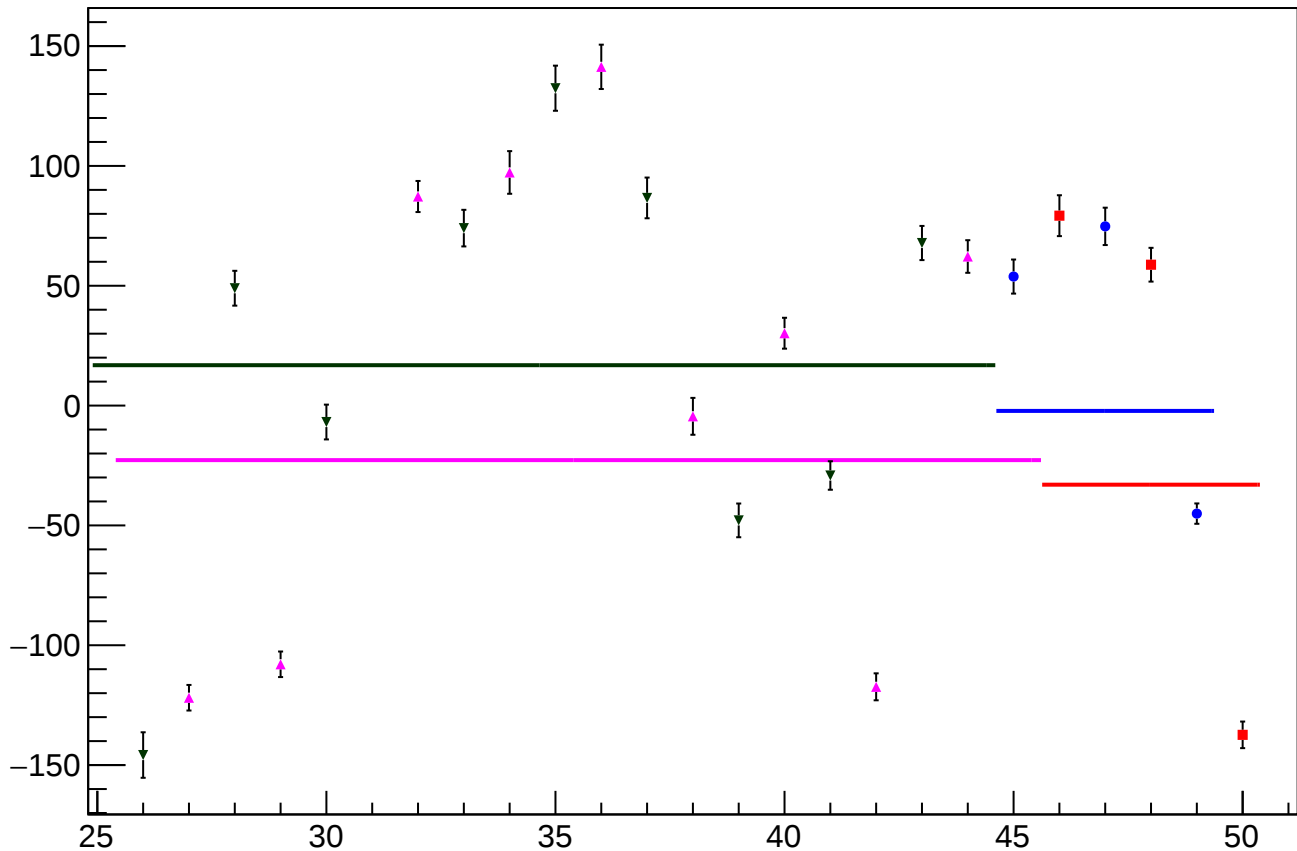
Right Out: -466.317+/-0.540 χ^2/NDF : 3.5/2

Left In: -474.602+/-0.308 χ^2/NDF : 3381.8/8

-473.753+/-0.273 χ^2/NDF : 4620.7/11

-472.566+/-0.268 χ^2/NDF : 3563.1/11

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

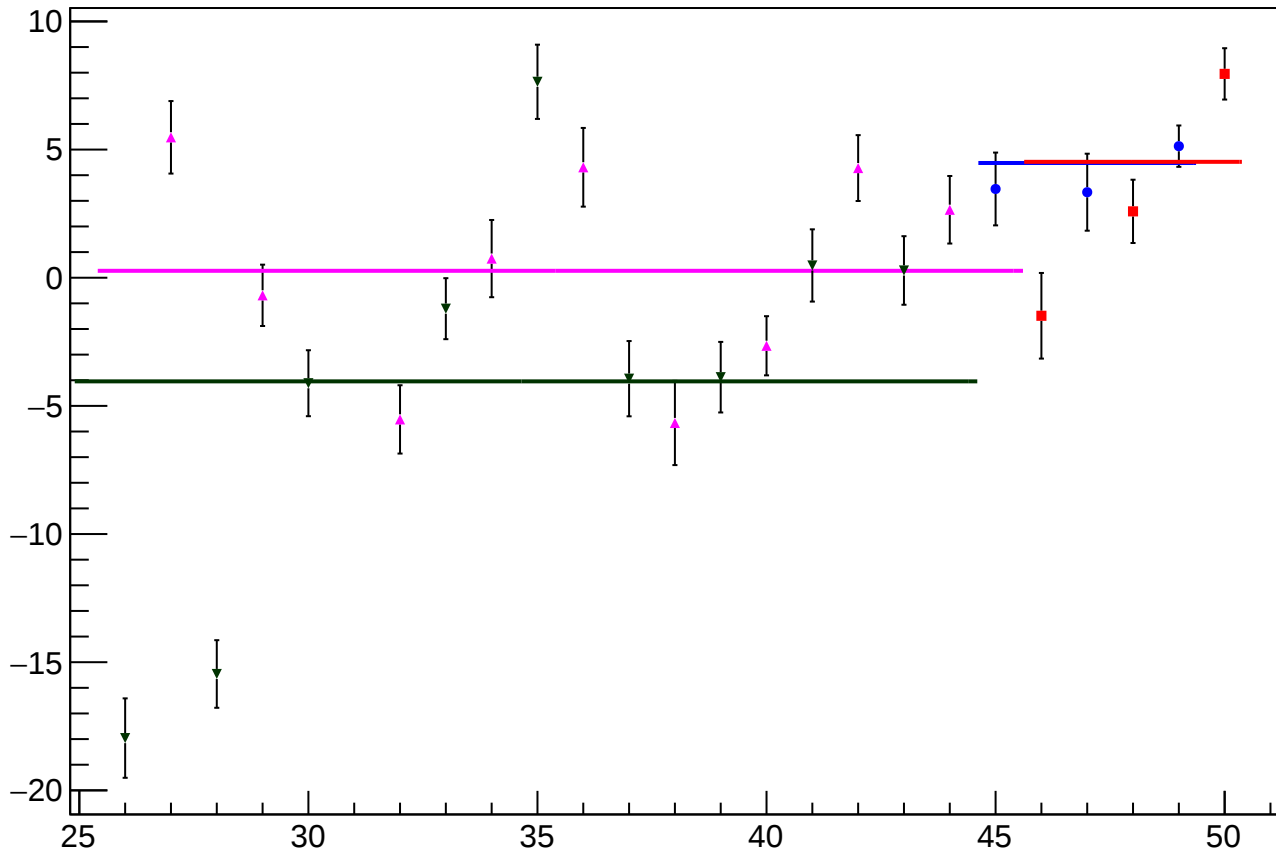
Right Out: -33.005+/-3.881 χ^2/NDF : 697.0/2

Left In: -22.758+/-2.169 χ^2/NDF : 1896.5/8

9.886+/-1.995 χ^2/NDF : 1076.6/11

-25.197+/-1.893 χ^2/NDF : 2598.8/11

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 4.477 ± 0.636 χ^2/NDF : 1.7/2

Left Out: -4.043 ± 0.455 χ^2/NDF : 247.2/8

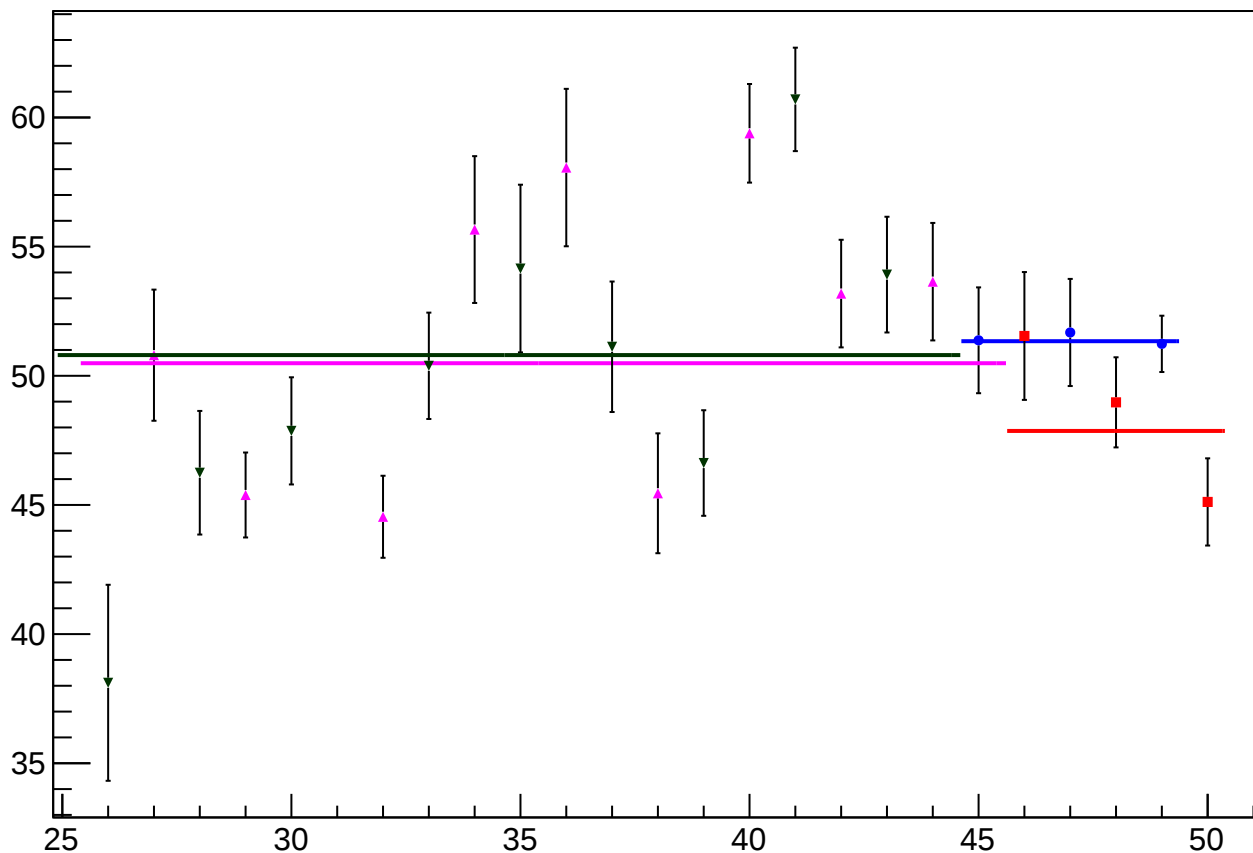
Right Out: 4.522 ± 0.705 χ^2/NDF : 27.1/2

Left In: 0.270 ± 0.450 χ^2/NDF : 72.6/8

-1.157 ± 0.370 χ^2/NDF : 367.7/11

1.502 ± 0.380 χ^2/NDF : 125.5/11

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

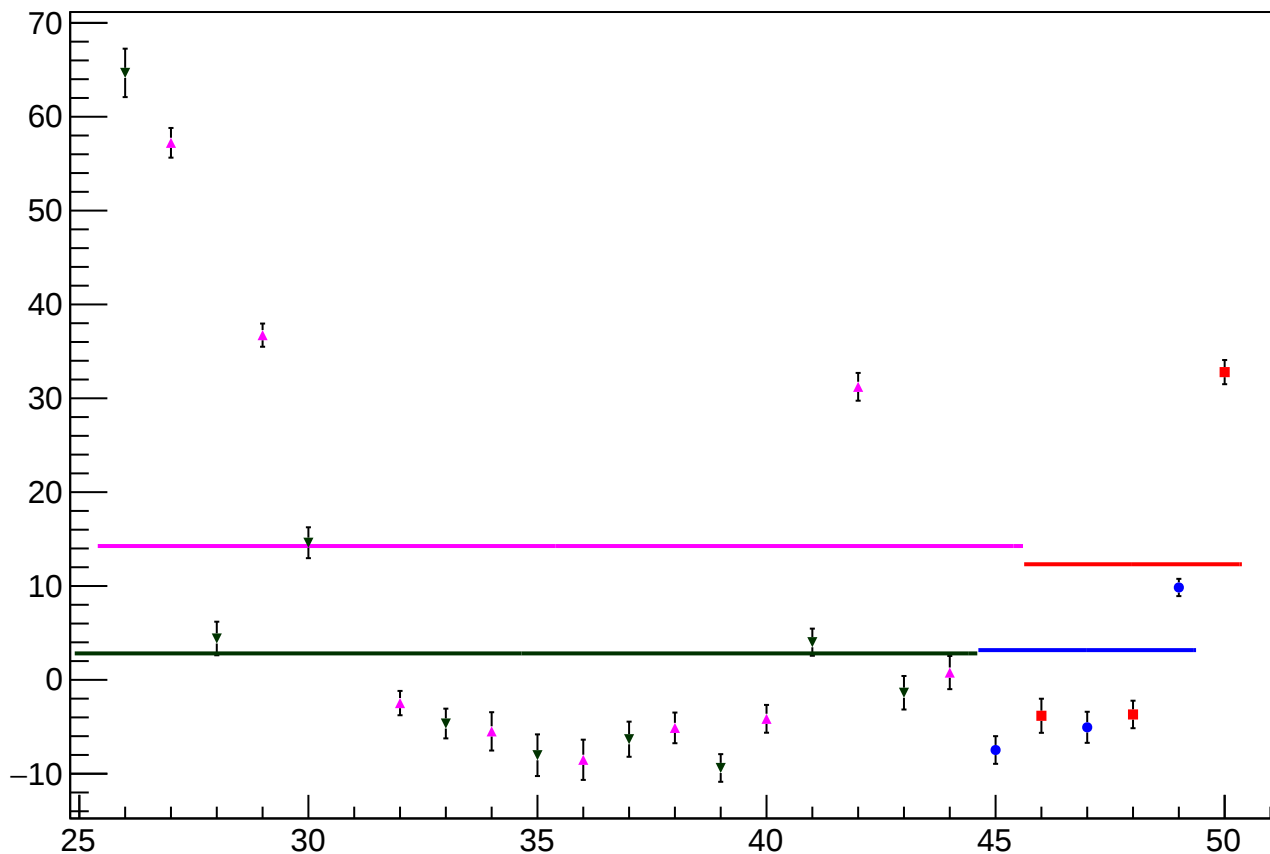
Right Out: 47.865 $\pm$ 1.089 χ^2 /NDF: 5.3/2

Left In: 50.487 $\pm$ 0.701 χ^2 /NDF: 63.2/8

51.040 $\pm$ 0.581 χ^2 /NDF: 48.7/11

49.720 $\pm$ 0.589 χ^2 /NDF: 72.6/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 3.169 ± 0.706 $\chi^2/\text{NDF}: 129.5/2$

Left Out: 2.819 ± 0.580 $\chi^2/\text{NDF}: 771.6/8$

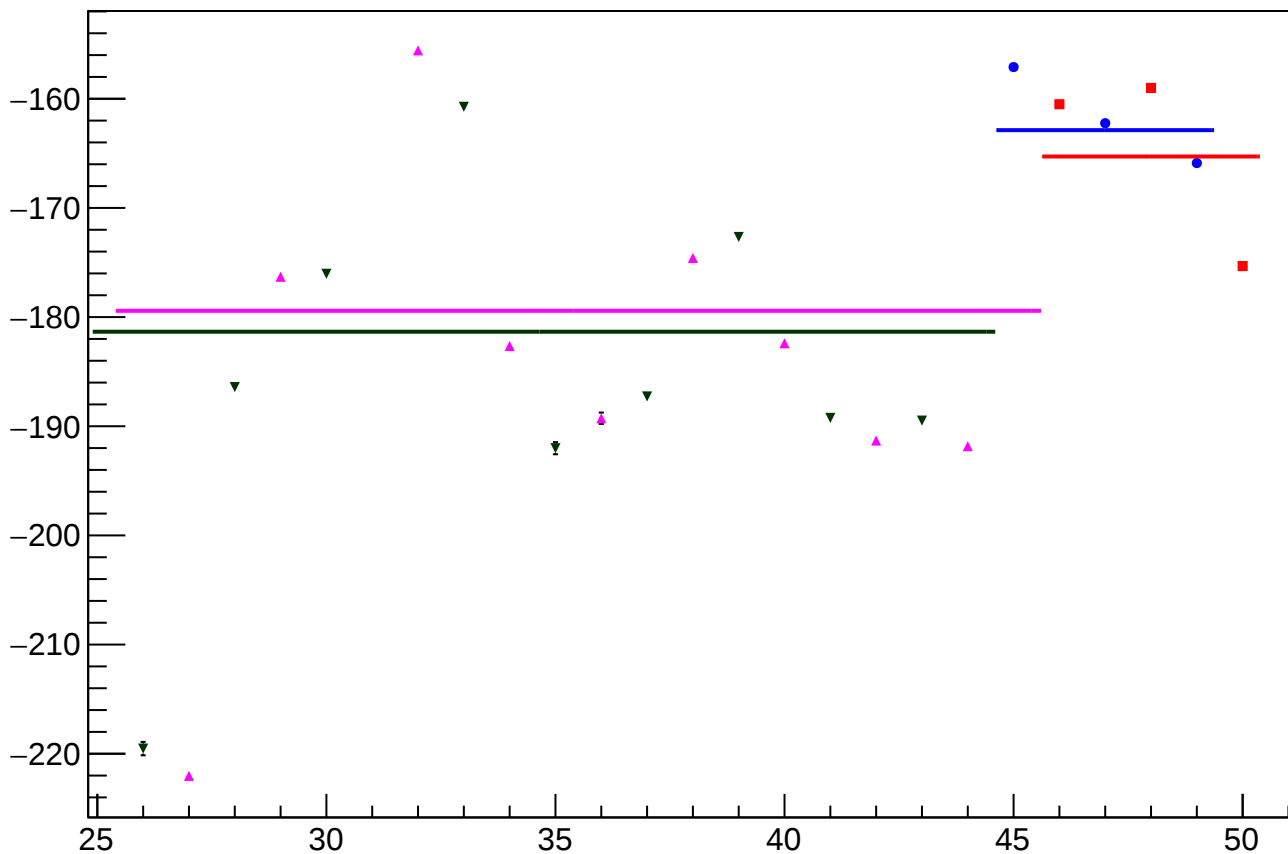
Right Out: 12.318 ± 0.854 $\chi^2/\text{NDF}: 450.9/2$

Left In: 14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

2.960 ± 0.448 $\chi^2/\text{NDF}: 901.3/11$

13.736 ± 0.443 $\chi^2/\text{NDF}: 2380.5/11$

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

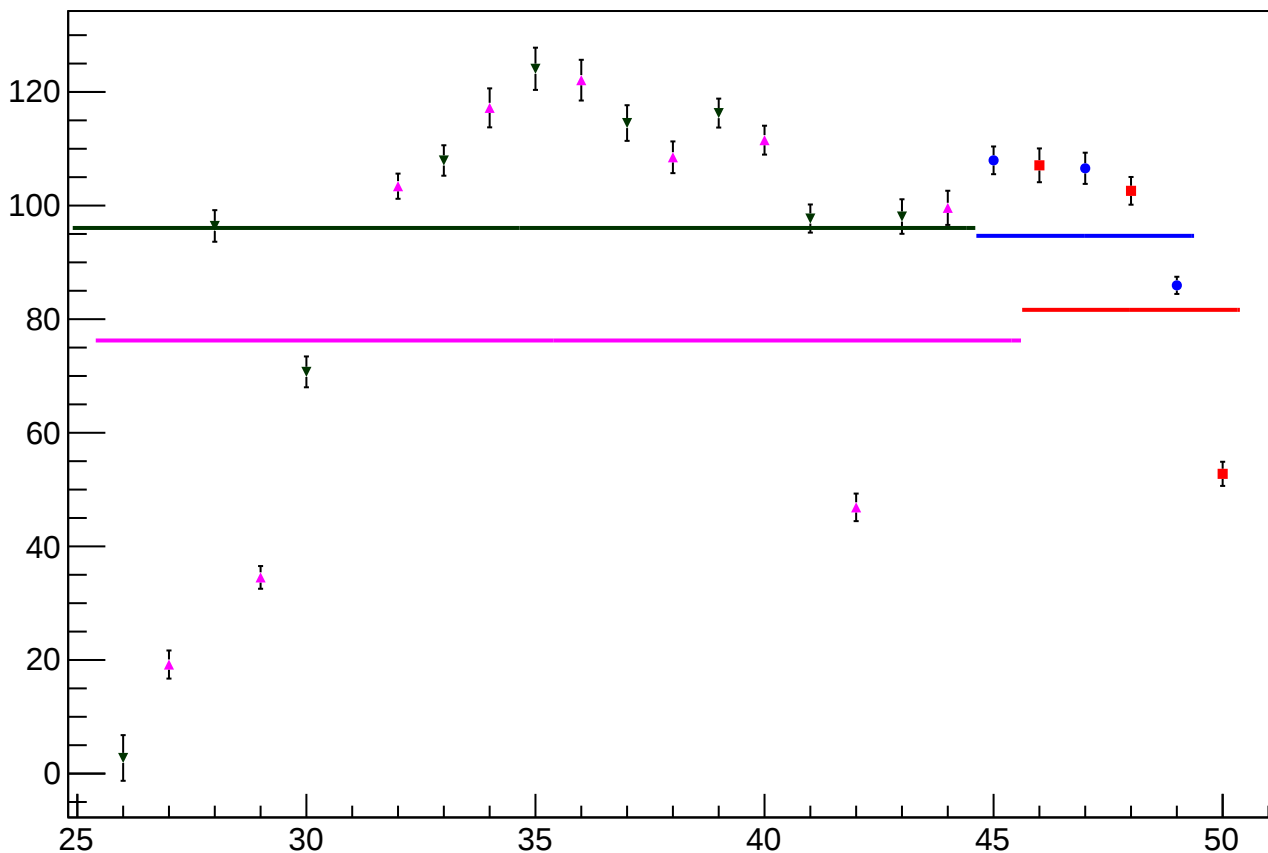
Right Out: -165.288+/-0.194 χ^2/NDF : 1511.2/2

Left In: -179.424+/-0.120 χ^2/NDF :21031.4/8

-174.199+/-0.102 χ^2/NDF : 18975.7/11

-175.541+/-0.102 χ^2/NDF : 26380.5/11

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

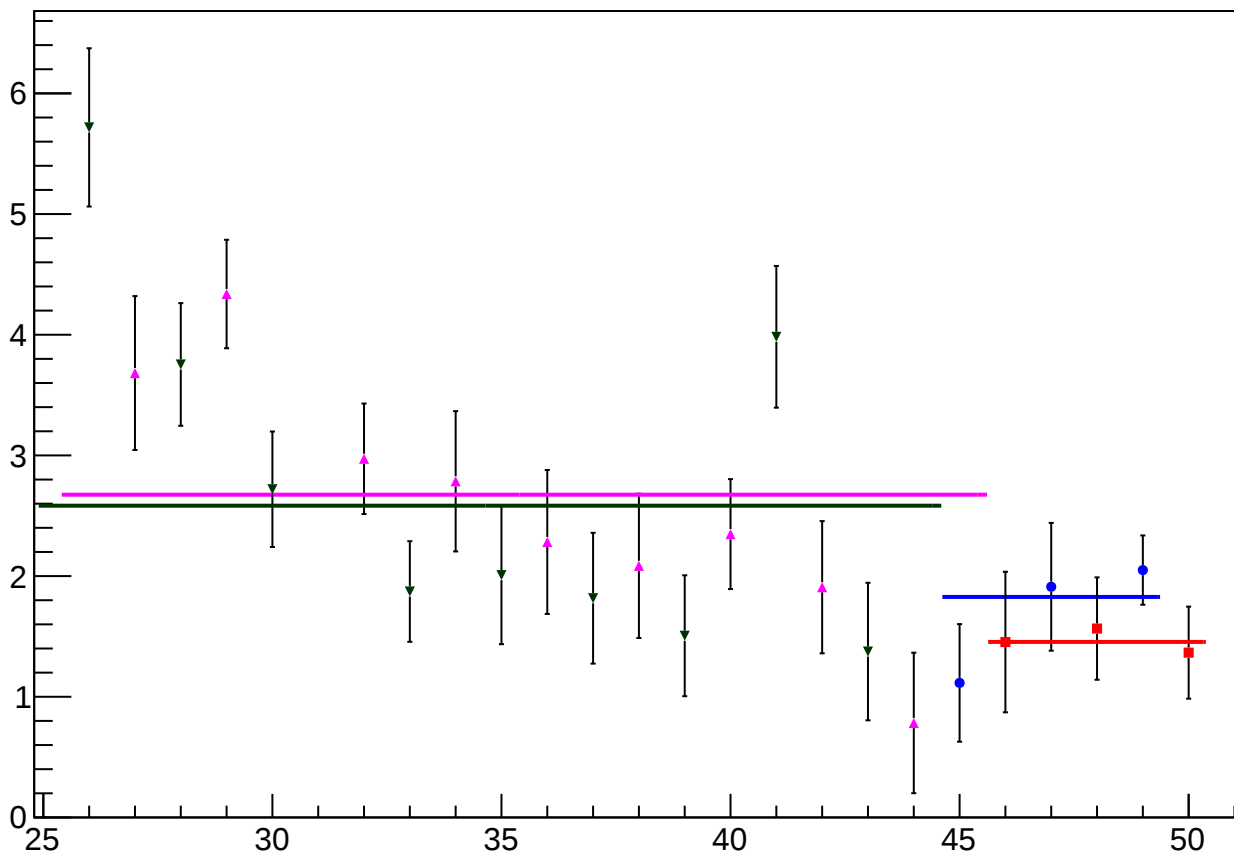
Right Out: 81.642+/-1.411 χ^2 /NDF: 331.4/2

Left In: 76.247+/-0.863 χ^2 /NDF:1954.9/8

95.490+/-0.745 χ^2 /NDF: 883.2/11

77.716+/-0.736 χ^2 /NDF: 2296.9/11

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

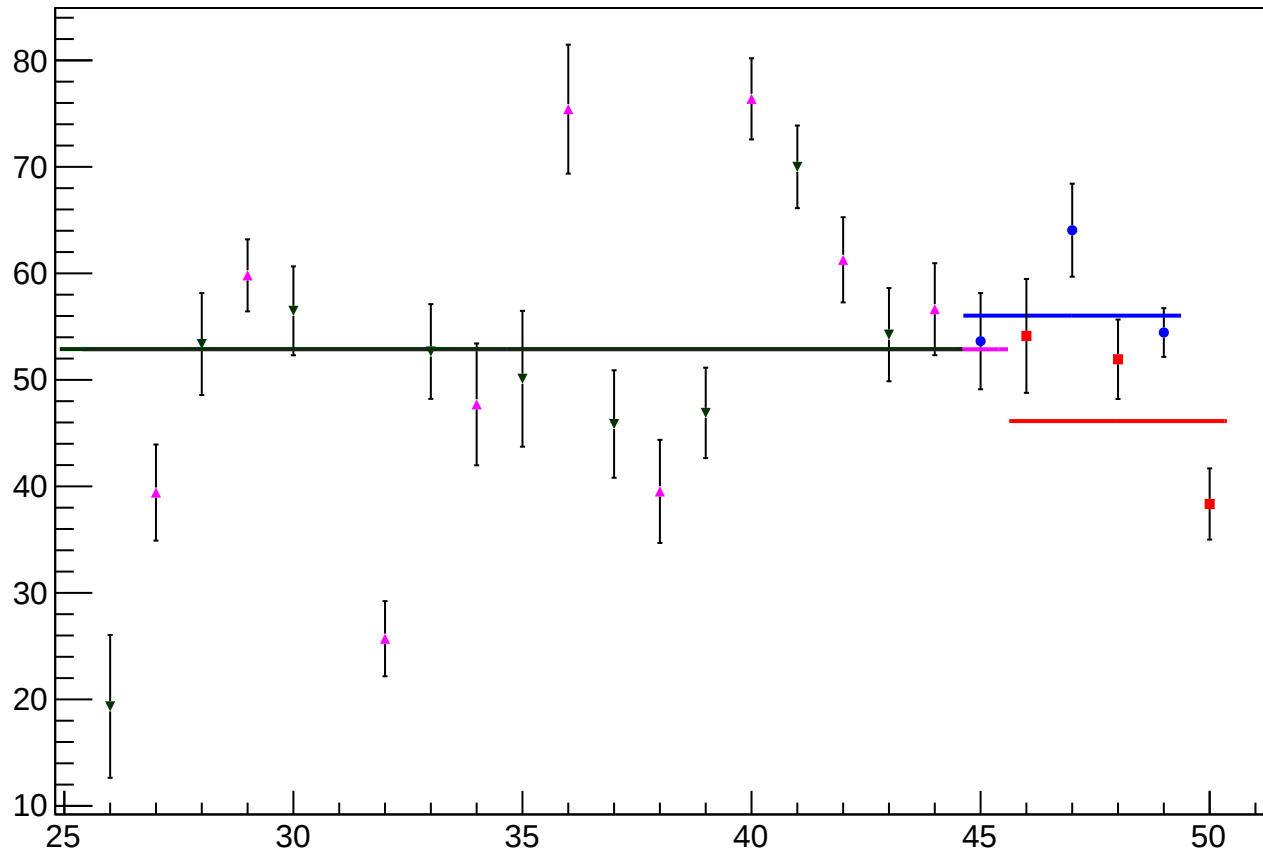
Right Out: 1.455 $\pm$ 0.255 χ^2 /NDF: 0.1/2

Left In: 2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

2.297 $\pm$ 0.138 χ^2 /NDF: 58.8/11

2.277 $\pm$ 0.145 χ^2 /NDF: 46.6/11

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

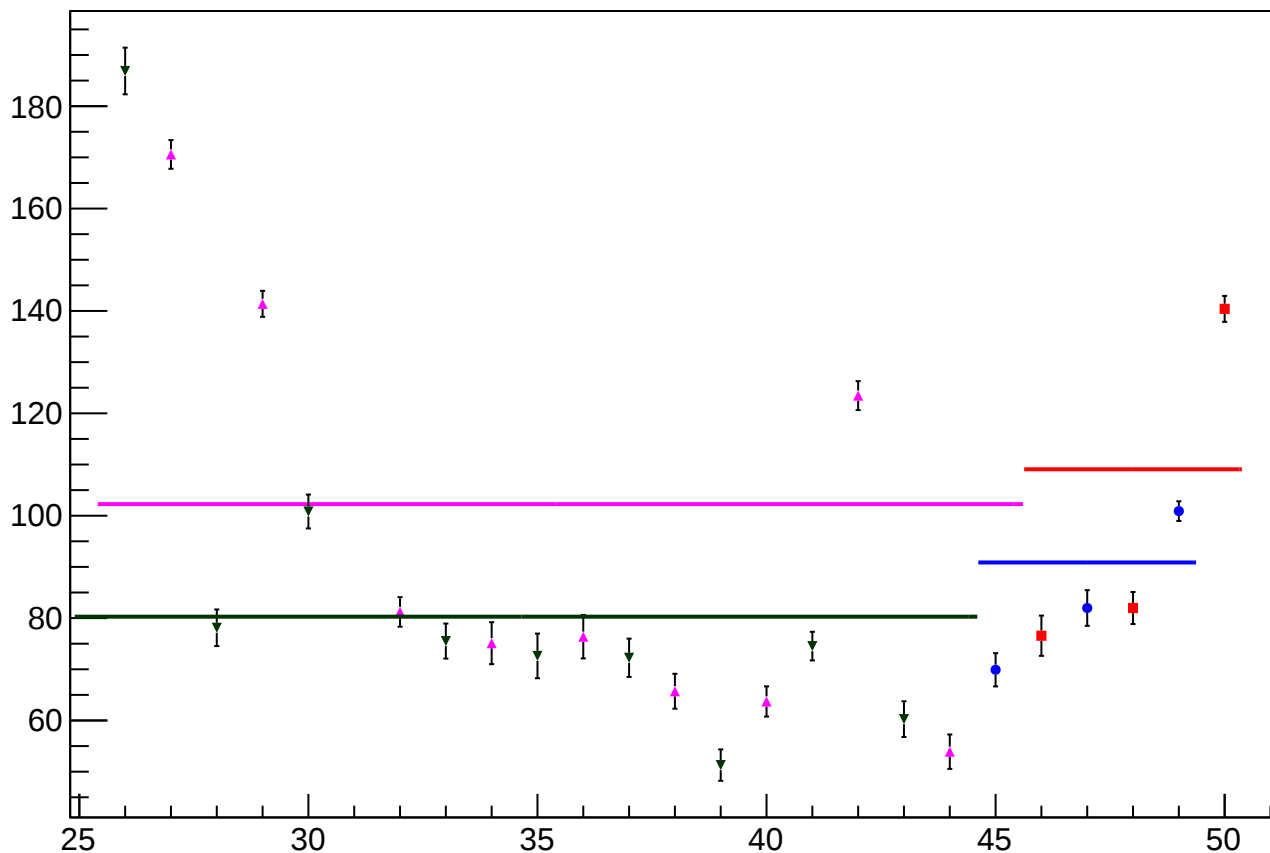
Right Out: 46.132 $\pm$ 2.256 χ^2/NDF : 10.1/2

Left In: 52.872 $\pm$ 1.411 χ^2/NDF : 137.9/8

54.195 $\pm$ 1.191 χ^2/NDF : 55.3/11

50.977 $\pm$ 1.196 χ^2/NDF : 154.4/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 90.867+/-1.494 χ^2 /NDF: 75.4/2

Left Out: 80.279+/-1.160 χ^2 /NDF: 722.6/8

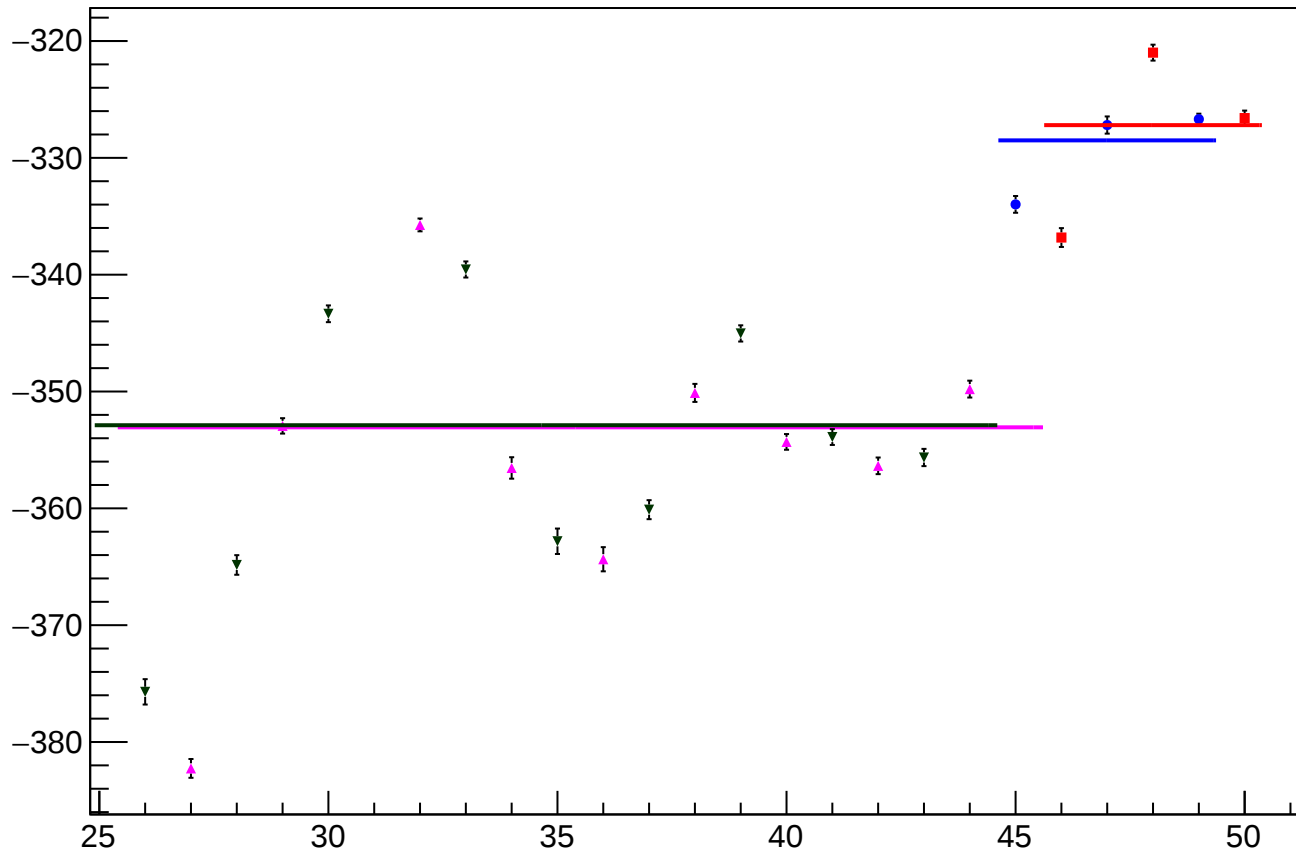
Right Out: 109.071+/-1.761 χ^2 /NDF: 296.1/2

Left In: 102.261+/-1.036 χ^2 /NDF: 1514.4/8

84.260+/-0.916 χ^2 /NDF: 829.4/11

104.011+/-0.893 χ^2 /NDF: 1821.6/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -328.504+/-0.347 χ^2/NDF : 76.4/2

Left Out: -352.885+/-0.260 χ^2/NDF :1502.5/8

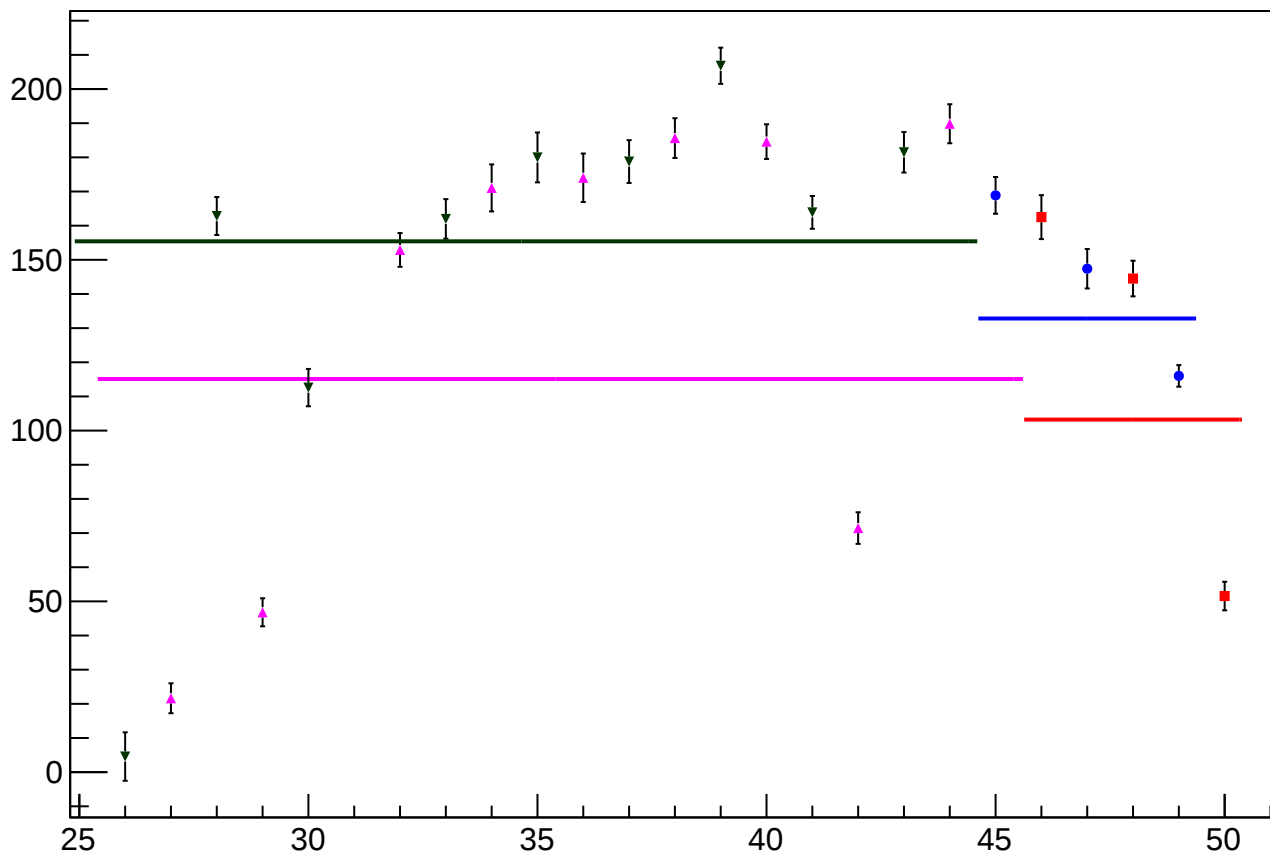
Right Out: -327.199+/-0.404 χ^2/NDF : 226.0/2

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

-344.101+/-0.208 χ^2/NDF : 4740.6/11

-346.243+/-0.208 χ^2/NDF : 5748.1/11

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

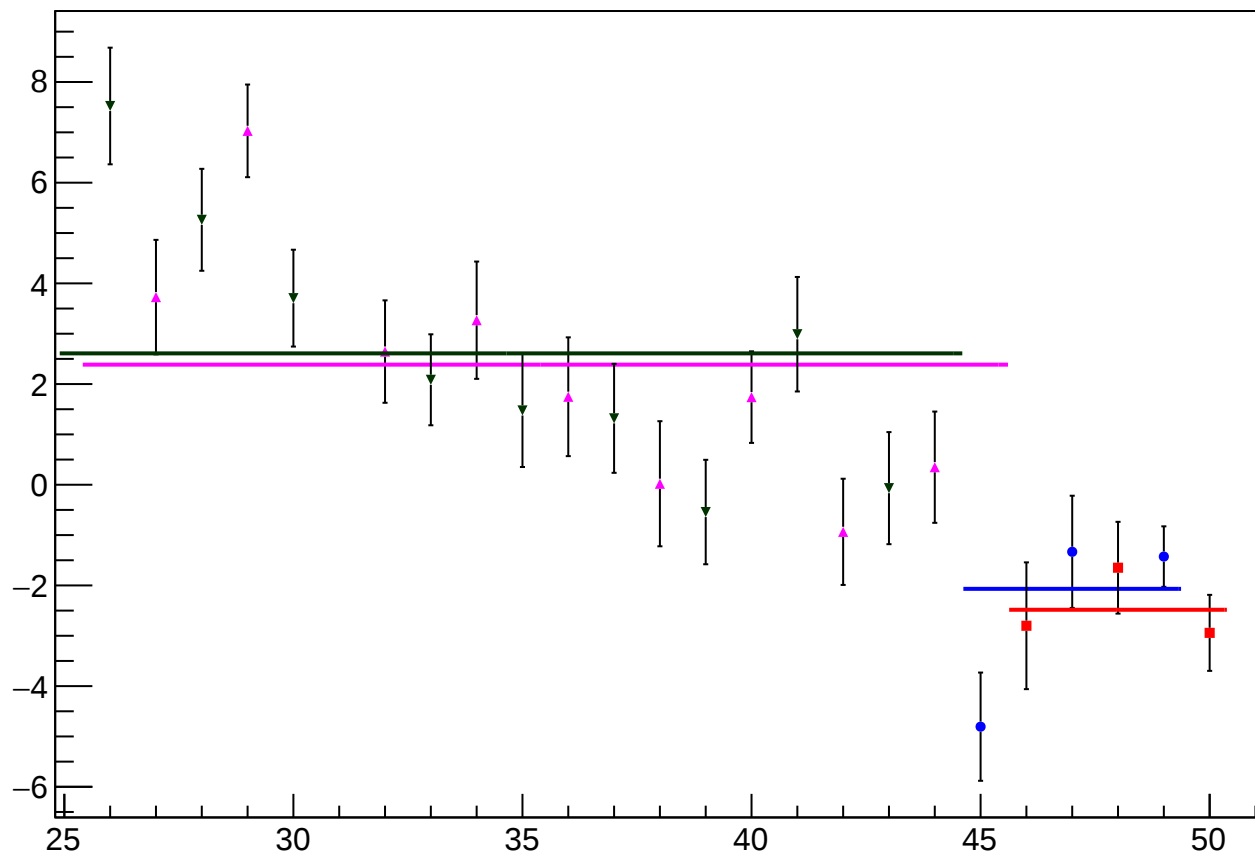
Right Out: 103.227 $\pm$ 2.910 χ^2 /NDF: 300.1/2

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

146.803 $\pm$ 1.522 χ^2 /NDF: 789.4/11

112.036 $\pm$ 1.479 χ^2 /NDF: 1832.7/11

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 $\chi^2/\text{NDF}: 44.1/8$

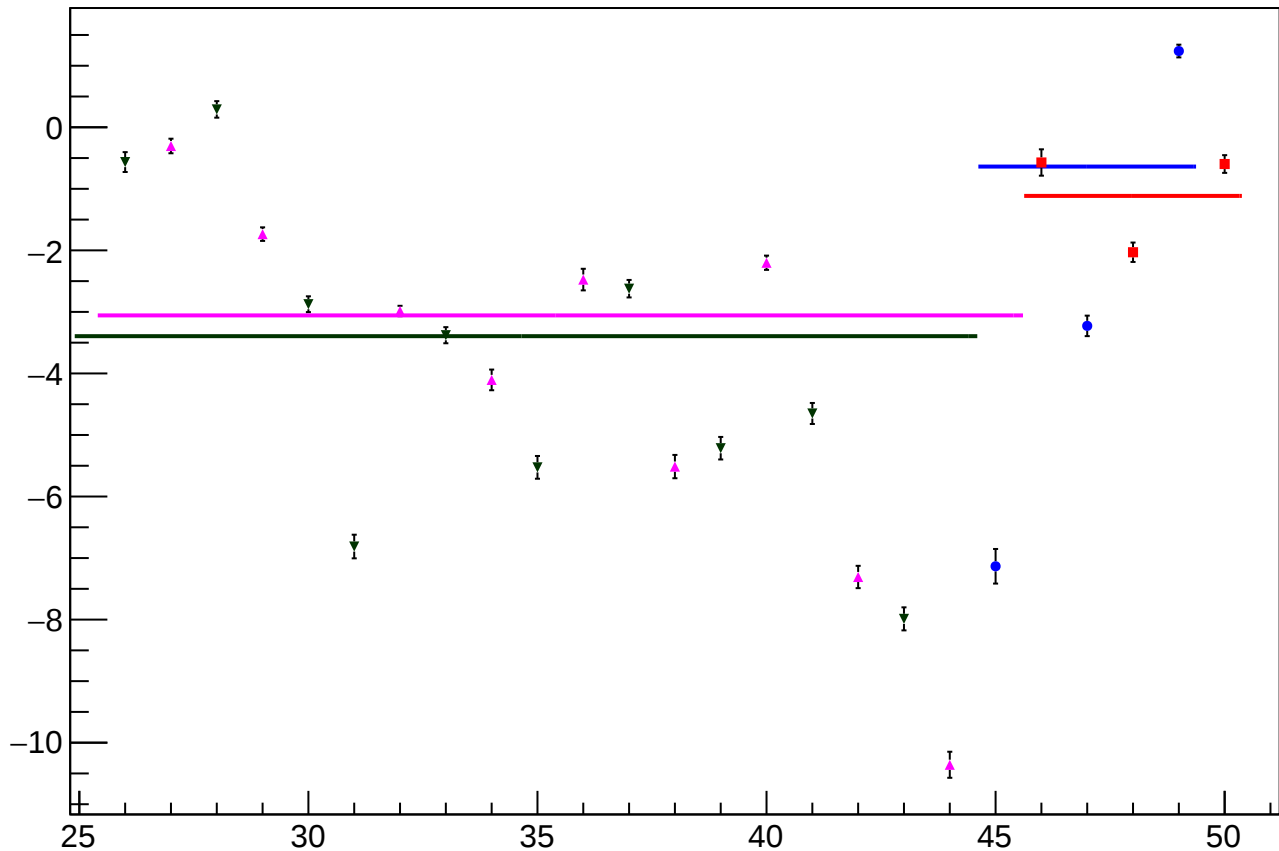
Right Out: -2.483 ± 0.528 $\chi^2/\text{NDF}: 1.3/2$

Left In: 2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

0.963 ± 0.281 $\chi^2/\text{NDF}: 115.1/11$

0.871 ± 0.294 $\chi^2/\text{NDF}: 105.1/11$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.638 $\pm$ 0.084 χ^2/NDF : 1105.2/2

Left Out: -3.394 $\pm$ 0.049 χ^2/NDF : 2310.5/9

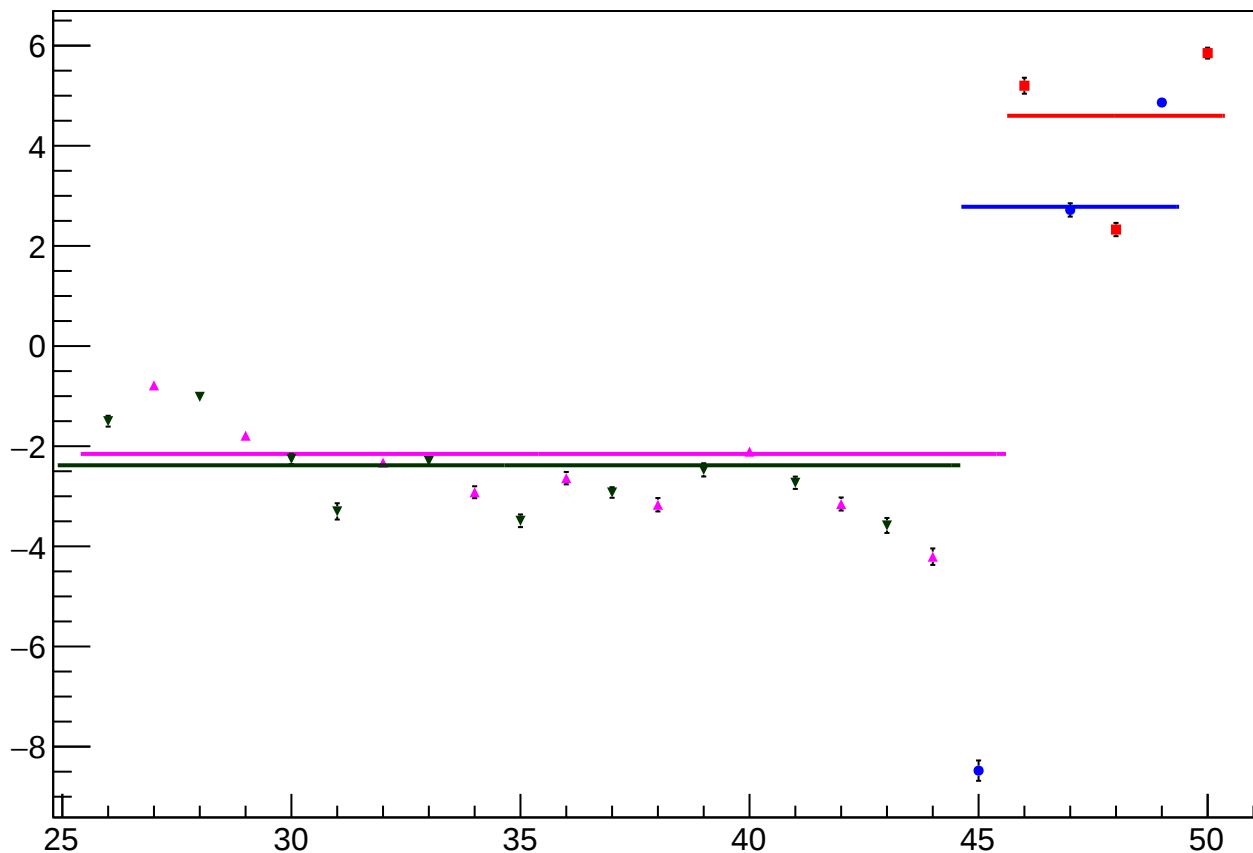
Right Out: -1.115 $\pm$ 0.095 χ^2/NDF : 53.1/2

Left In: -3.057 $\pm$ 0.044 χ^2/NDF : 2696.4/8

-2.686 $\pm$ 0.043 χ^2/NDF : 4218.6/12

-2.715 $\pm$ 0.040 χ^2/NDF : 3092.1/11

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

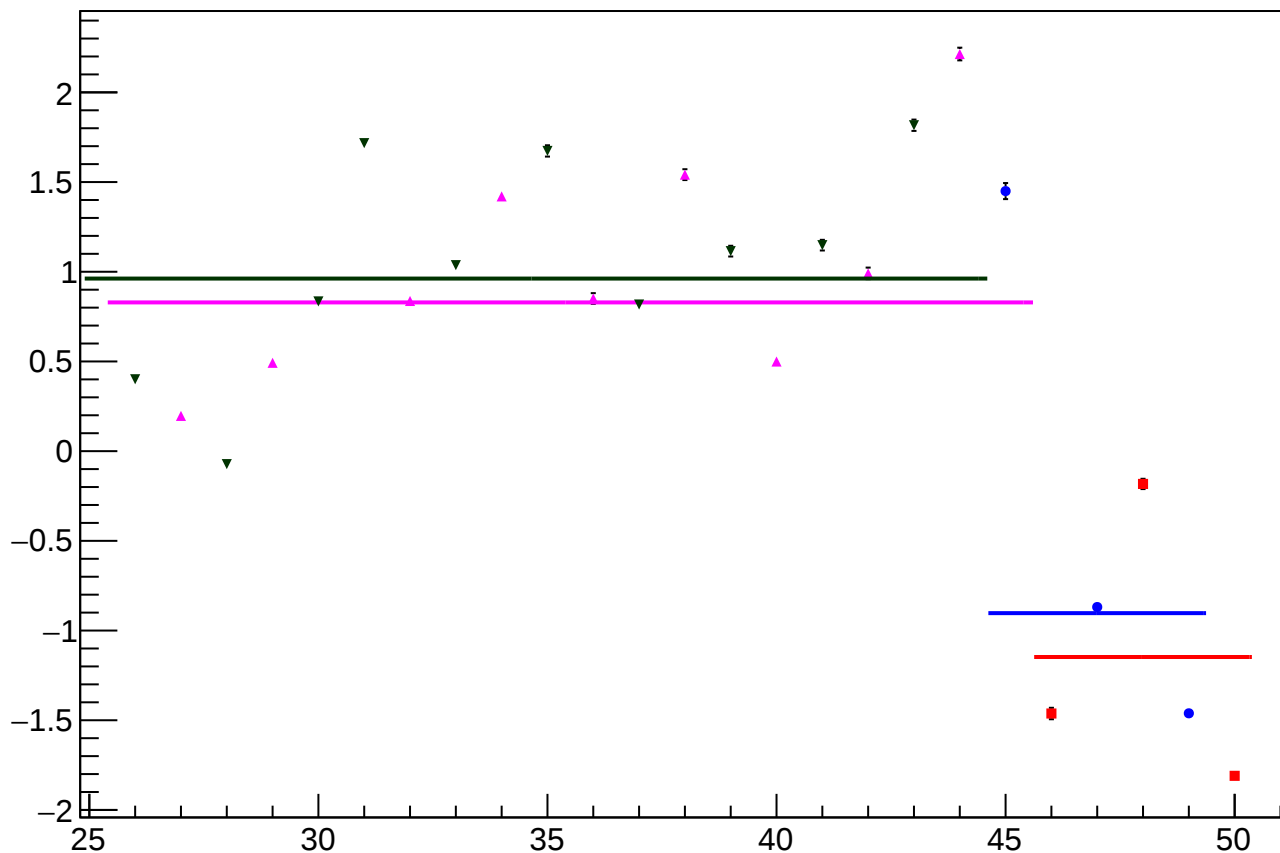
Right Out: 4.599 $\pm$ 0.074 χ^2 /NDF: 439.6/2

Left In: -2.154 $\pm$ 0.032 χ^2 /NDF: 703.0/8

-1.223 $\pm$ 0.032 χ^2 /NDF: 8530.6/12

-1.074 $\pm$ 0.030 χ^2 /NDF: 8057.3/11

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

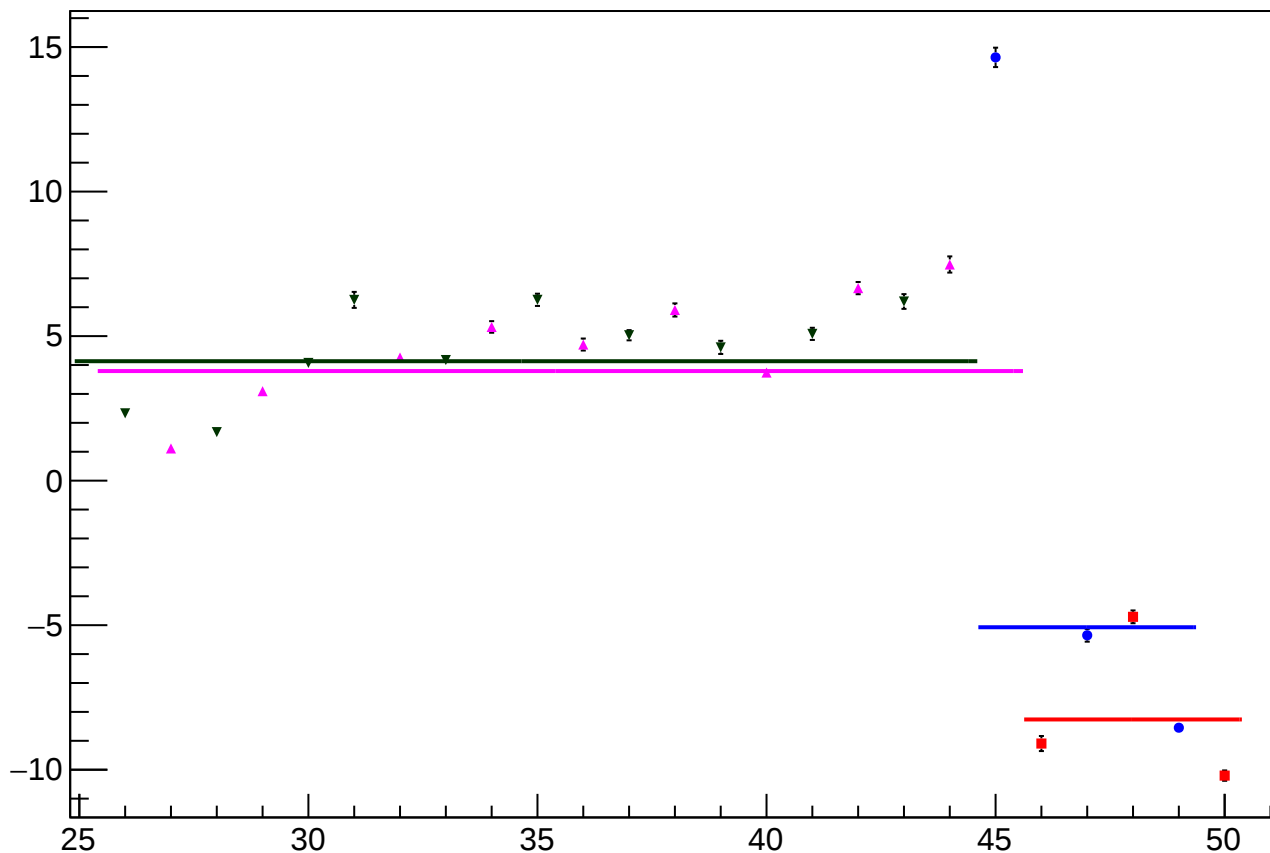
Right Out: -1.147+/-0.017 χ^2/NDF : 1797.7/2

Left In: 0.829+/-0.007 χ^2/NDF : 3974.9/8

0.588+/-0.007 χ^2/NDF : 19094.5/12

0.508+/-0.007 χ^2/NDF : 17204.4/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.071+/-0.113 χ^2/NDF : 4035.8/2

Left Out: 4.132+/-0.061 χ^2/NDF : 639.2/9

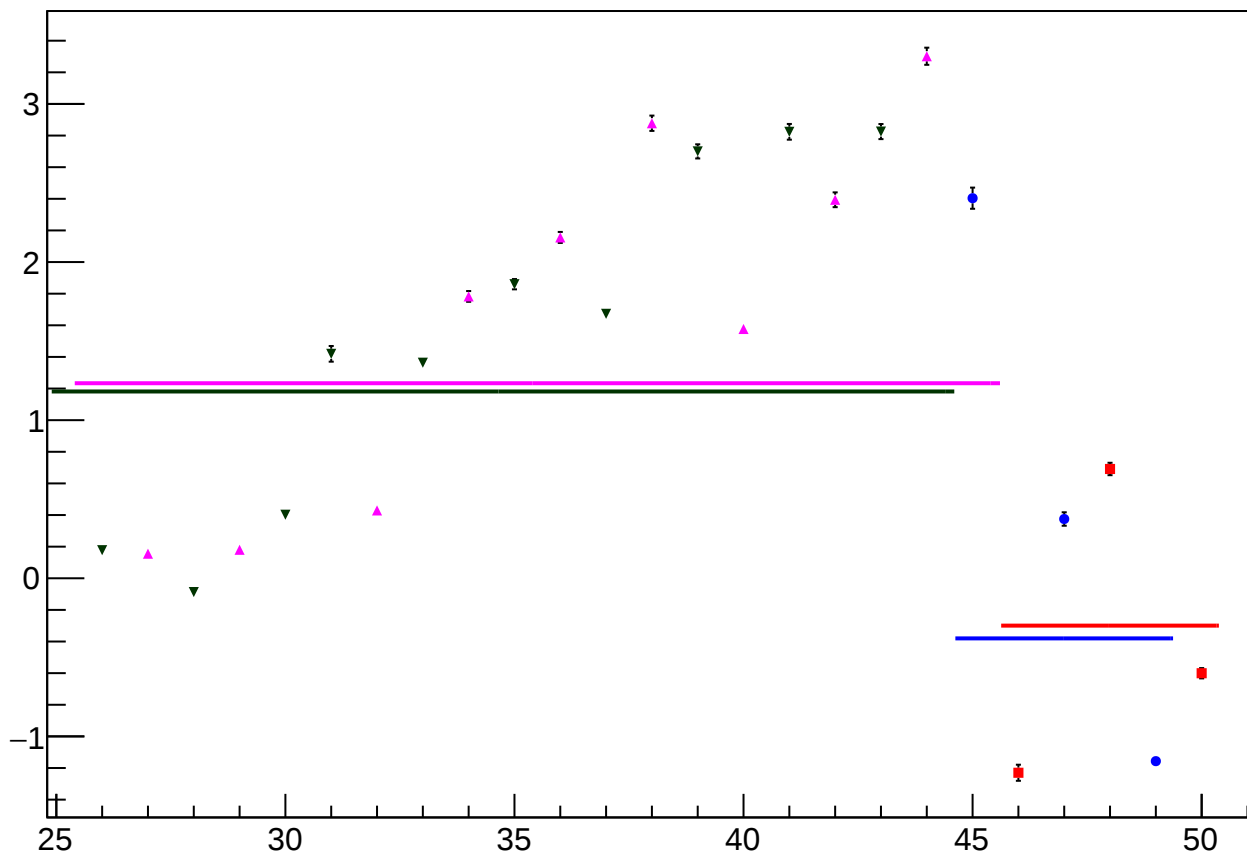
Right Out: -8.261+/-0.123 χ^2/NDF : 384.5/2

Left In: 3.791+/-0.054 χ^2/NDF : 1110.0/8

2.069+/-0.054 χ^2/NDF : 9798.7/12

1.860+/-0.049 χ^2/NDF : 9561.2/11

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.380 ± 0.022 $\chi^2/\text{NDF}: 2847.5/2$

Left Out: 1.181 ± 0.011 $\chi^2/\text{NDF}: 8123.1/9$

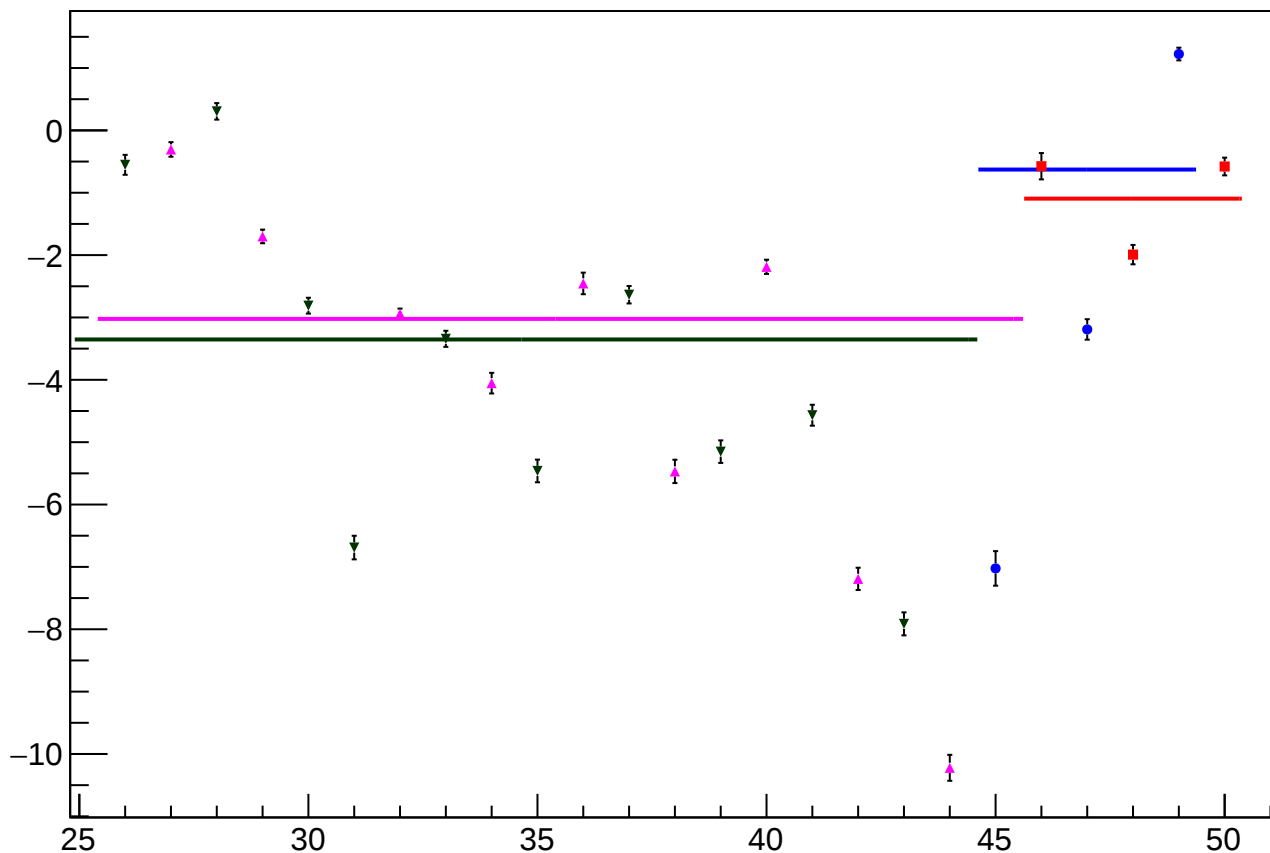
Right Out: -0.299 ± 0.022 $\chi^2/\text{NDF}: 1056.7/2$

Left In: 1.234 ± 0.011 $\chi^2/\text{NDF}: 7862.9/8$

0.878 ± 0.010 $\chi^2/\text{NDF}: 15116.1/12$

0.931 ± 0.010 $\chi^2/\text{NDF}: 12647.2/11$

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -0.628 ± 0.083 $\chi^2/\text{NDF}: 1107.2/2$

Left Out: -3.353 ± 0.049 $\chi^2/\text{NDF}: 2320.8/9$

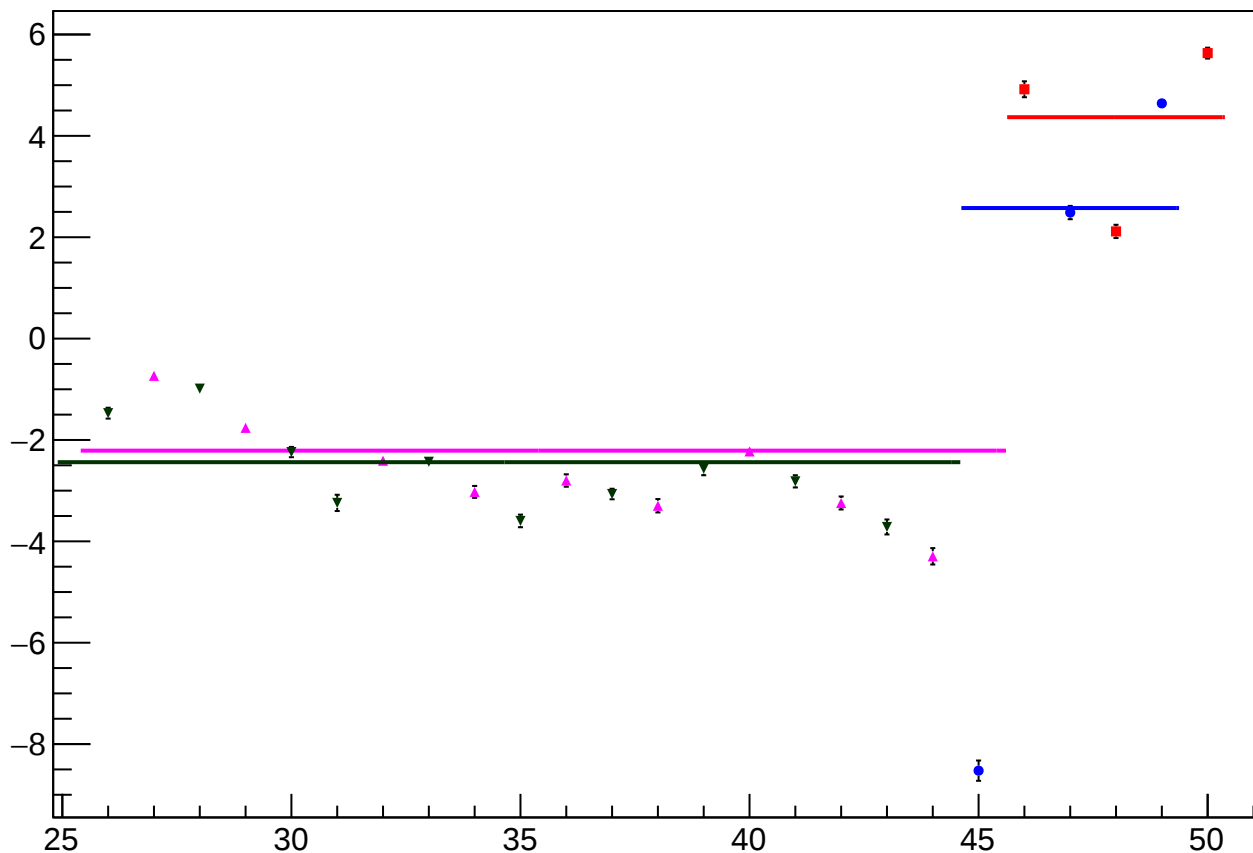
Right Out: -1.094 ± 0.094 $\chi^2/\text{NDF}: 52.6/2$

Left In: -3.023 ± 0.043 $\chi^2/\text{NDF}: 2702.0/8$

-2.652 ± 0.042 $\chi^2/\text{NDF}: 4235.2/12$

-2.683 ± 0.039 $\chi^2/\text{NDF}: 3101.9/11$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 2.576+/-0.067 χ^2/NDF : 3661.2/2

Left Out: -2.438+/-0.036 χ^2/NDF : 538.5/9

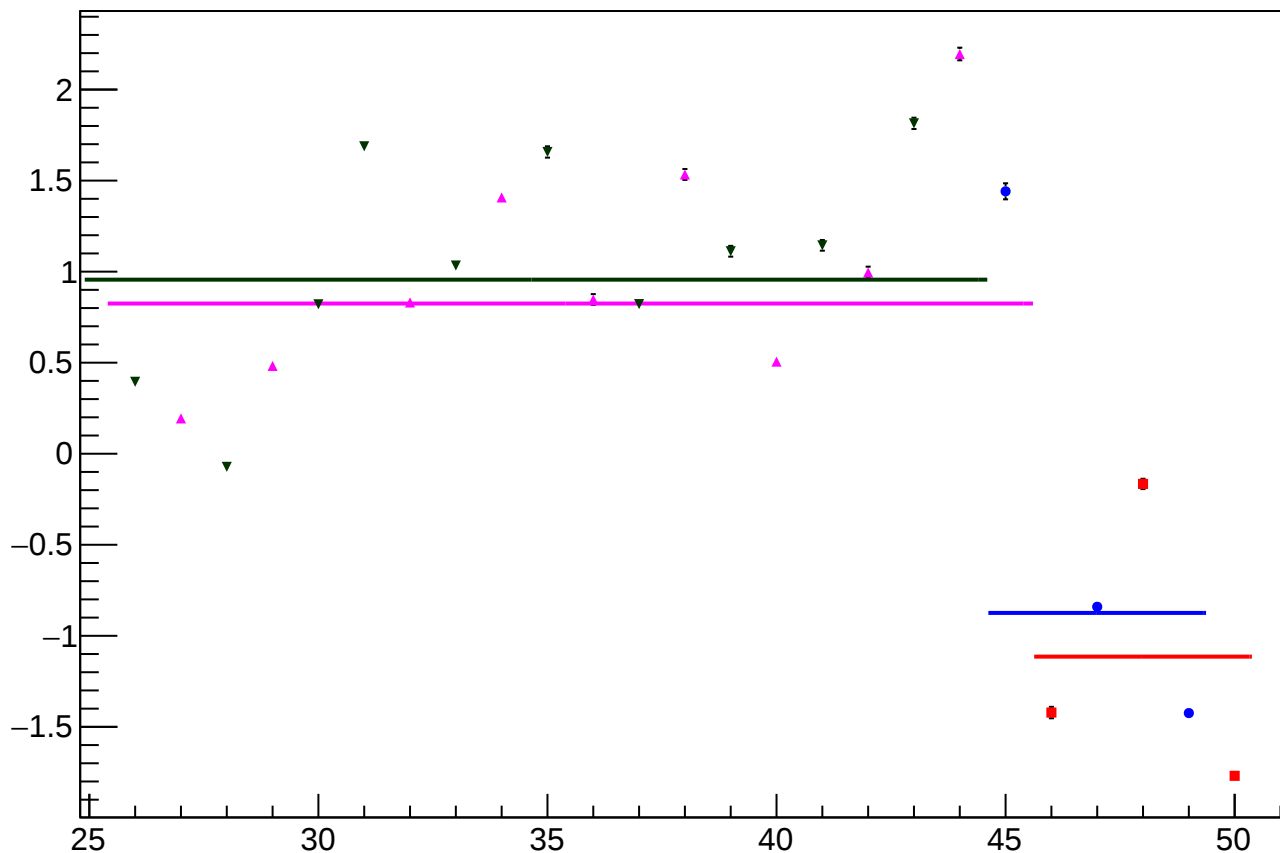
Right Out: 4.368+/-0.073 χ^2/NDF : 447.4/2

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

-1.312+/-0.032 χ^2/NDF : 8480.8/12

-1.157+/-0.029 χ^2/NDF : 8011.7/11

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

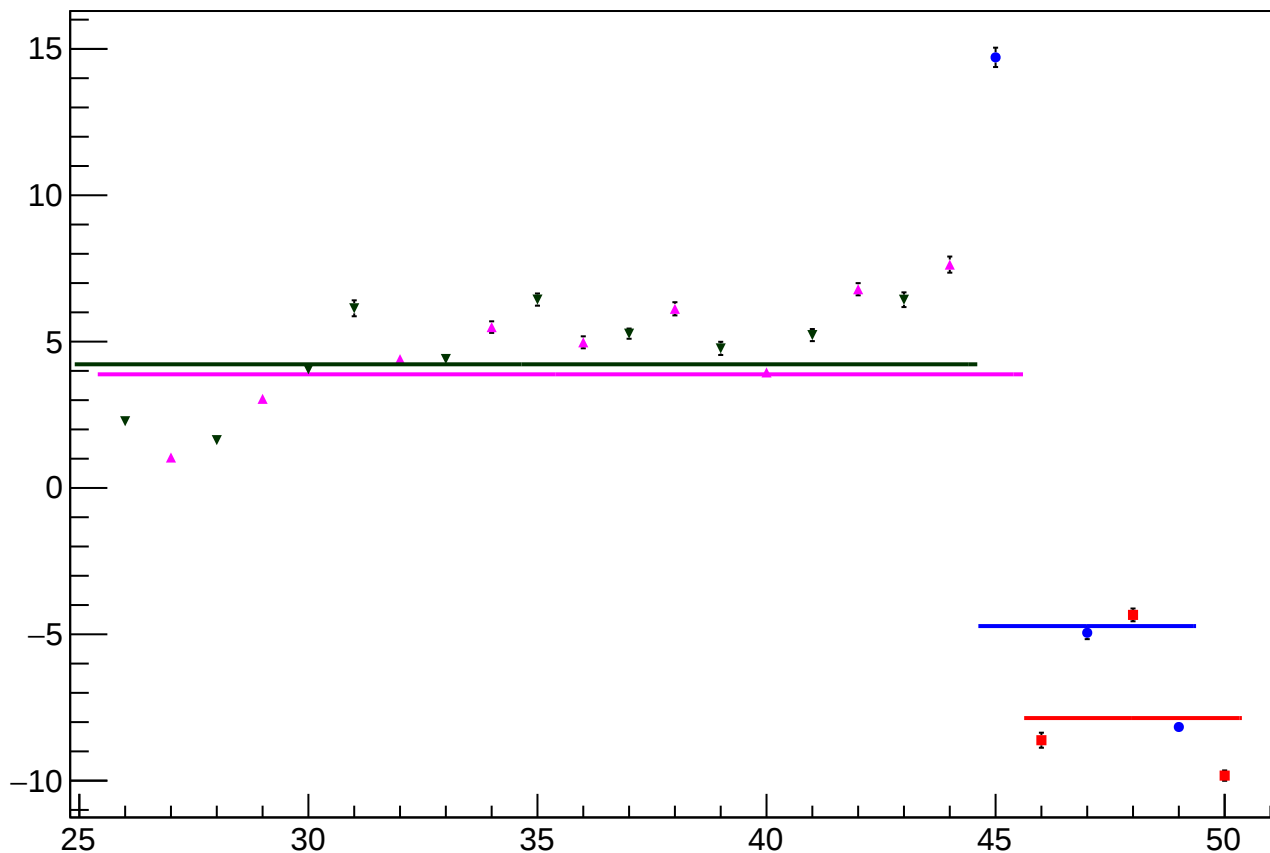
Right Out: -1.114 ± 0.017 χ^2/NDF : 1790.7/2

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.588 ± 0.007 χ^2/NDF : 19033.4/12

0.509 ± 0.007 χ^2/NDF : 17126.4/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -4.719 ± 0.112 χ^2/NDF : 4045.4/2

Left Out: 4.225 ± 0.060 χ^2/NDF : 727.8/9

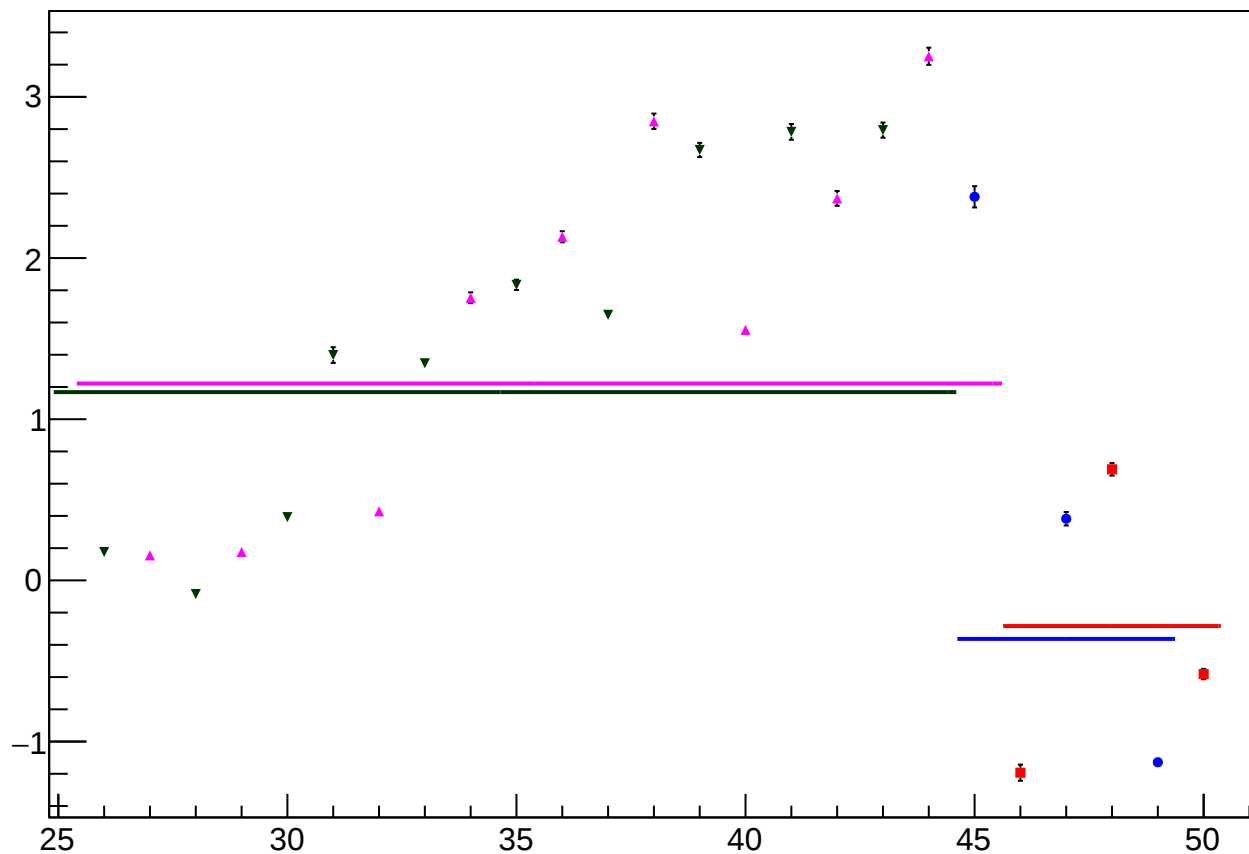
Right Out: -7.862 ± 0.121 χ^2/NDF : 392.6/2

Left In: 3.882 ± 0.053 χ^2/NDF : 1263.9/8

2.218 ± 0.053 χ^2/NDF : 9749.5/12

1.997 ± 0.049 χ^2/NDF : 9524.8/11

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.363 ± 0.021 $\chi^2/\text{NDF}: 2848.0/2$

Left Out: 1.168 ± 0.011 $\chi^2/\text{NDF}: 8132.7/9$

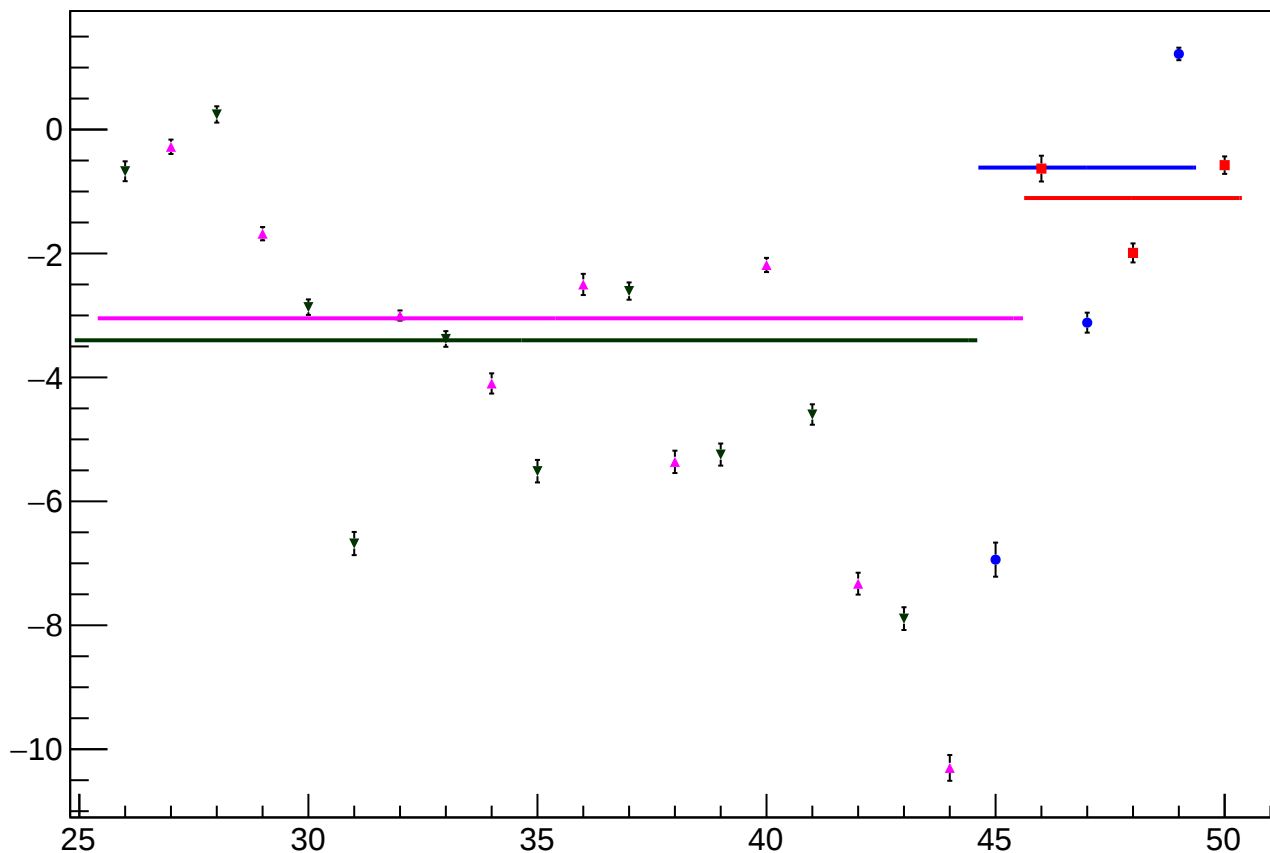
Right Out: -0.283 ± 0.022 $\chi^2/\text{NDF}: 1046.3/2$

Left In: 1.222 ± 0.011 $\chi^2/\text{NDF}: 7856.1/8$

0.870 ± 0.009 $\chi^2/\text{NDF}: 15079.9/12$

0.925 ± 0.010 $\chi^2/\text{NDF}: 12593.5/11$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -0.614 $\pm$ 0.082 χ^2/NDF : 1098.8/2

Left Out: -3.401 $\pm$ 0.048 χ^2/NDF : 2306.6/9

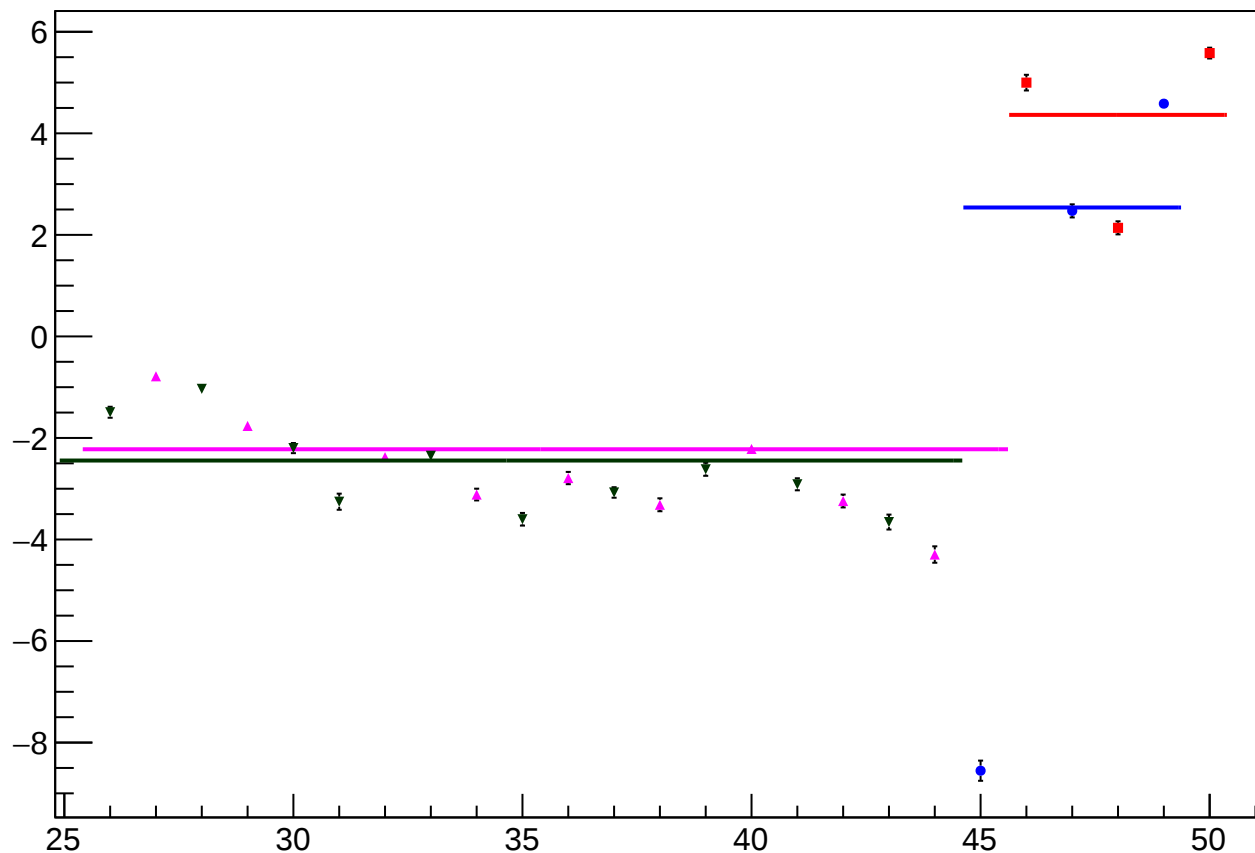
Right Out: -1.105 $\pm$ 0.093 χ^2/NDF : 52.8/2

Left In: -3.046 $\pm$ 0.043 χ^2/NDF : 2807.9/8

-2.683 $\pm$ 0.041 χ^2/NDF : 4268.2/12

-2.705 $\pm$ 0.039 χ^2/NDF : 3221.1/11

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

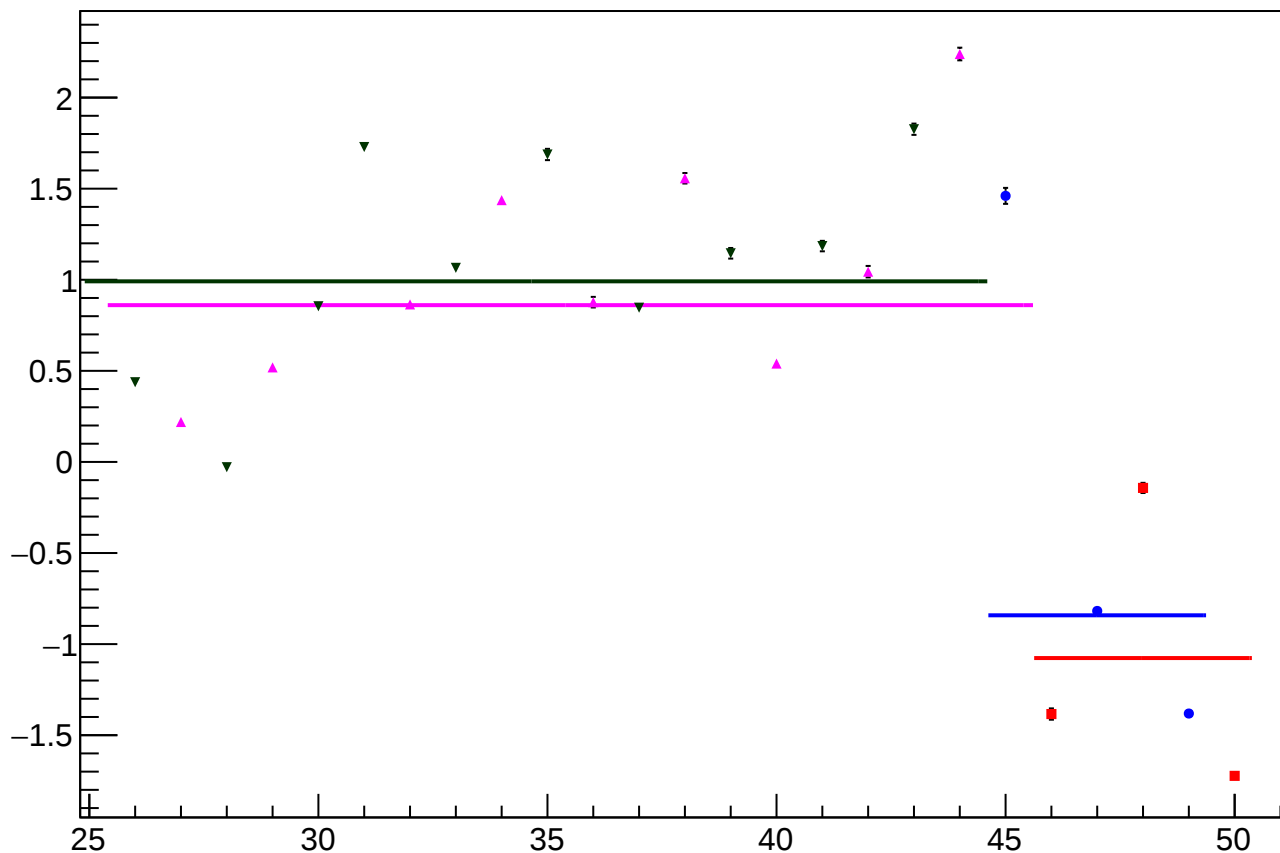
Right Out: 4.364+/-0.073 χ^2/NDF : 444.9/2

Left In: -2.223+/-0.032 χ^2/NDF : 822.2/8

-1.322+/-0.032 χ^2/NDF : 8543.1/12

-1.170+/-0.029 χ^2/NDF : 8191.9/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.842 ± 0.016 $\chi^2/\text{NDF}: 3421.3/2$

Left Out: 0.991 ± 0.008 $\chi^2/\text{NDF}: 4720.4/9$

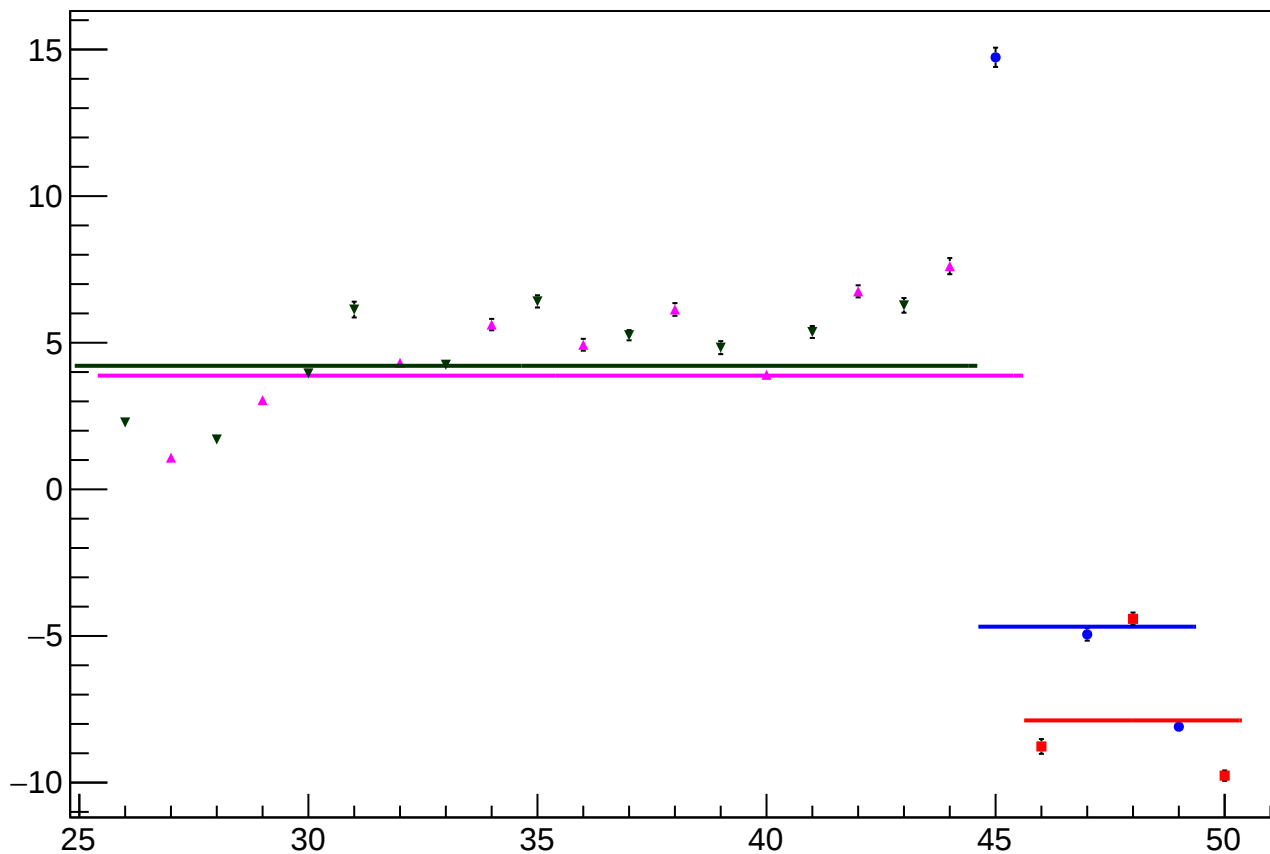
Right Out: -1.077 ± 0.016 $\chi^2/\text{NDF}: 1784.5/2$

Left In: 0.861 ± 0.007 $\chi^2/\text{NDF}: 4134.4/8$

0.622 ± 0.007 $\chi^2/\text{NDF}: 19279.5/12$

0.546 ± 0.007 $\chi^2/\text{NDF}: 17483.0/11$

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

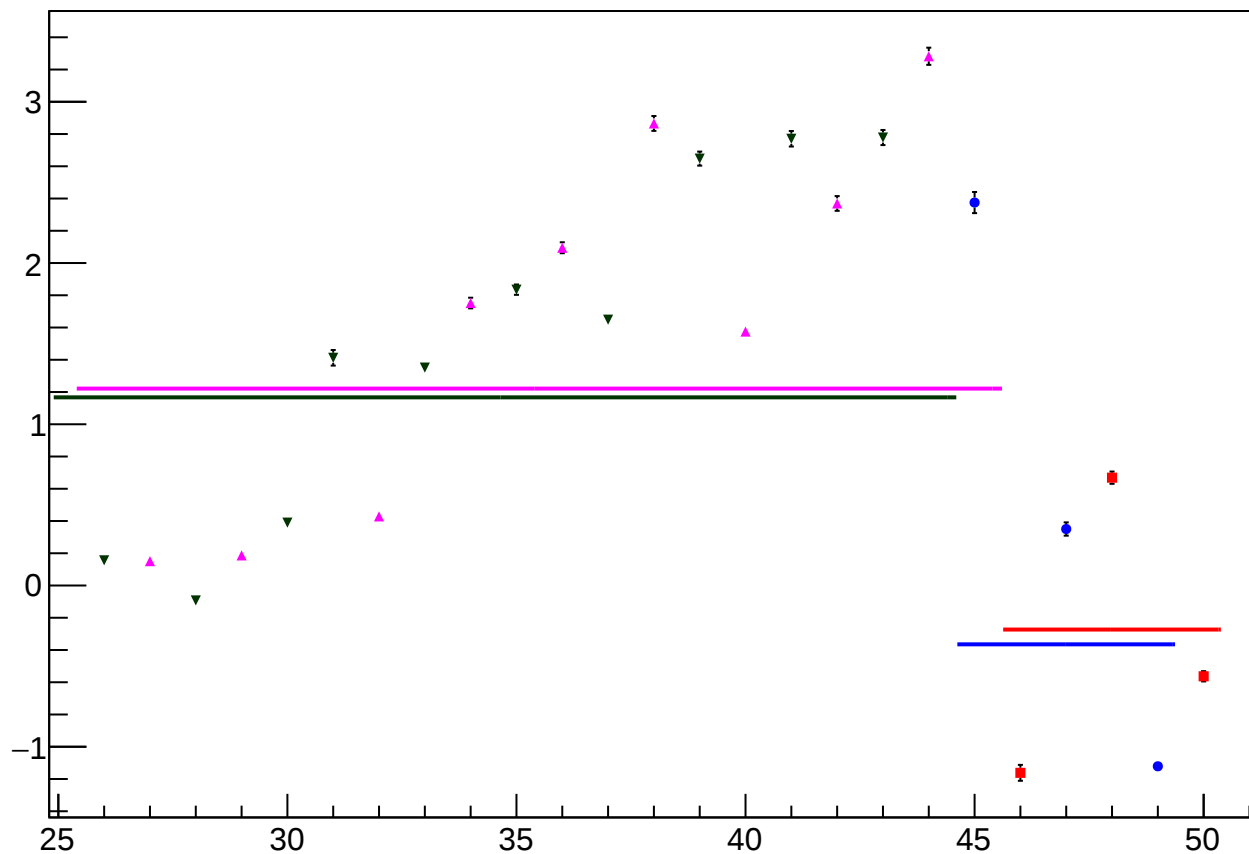
Right Out: -7.880+/-0.120 χ^2/NDF : 386.3/2

Left In: 3.878+/-0.052 χ^2/NDF : 1270.8/8

2.210+/-0.052 χ^2/NDF : 9821.2/12

1.994+/-0.048 χ^2/NDF : 9739.6/11

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

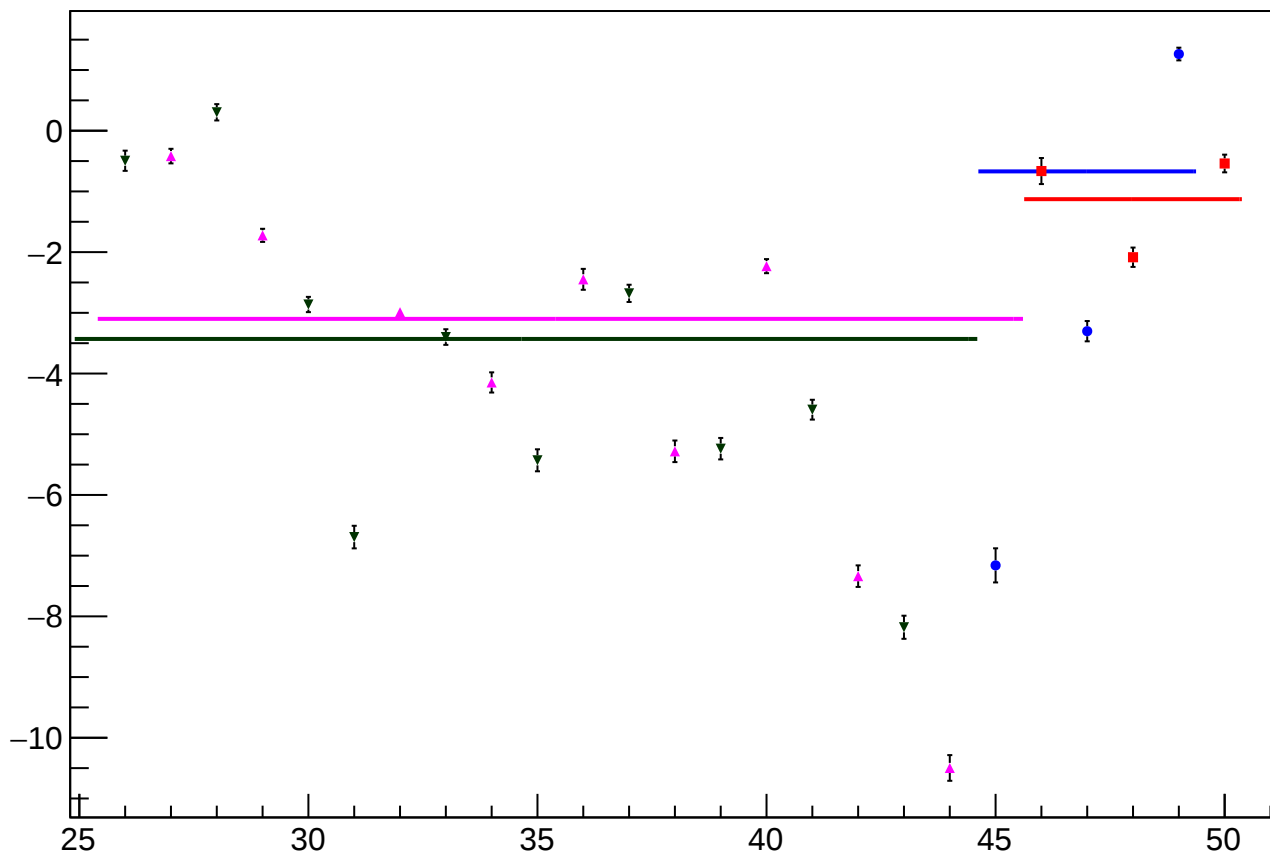
Right Out: -0.273 ± 0.022 χ^2/NDF : 1017.5/2

Left In: 1.221 ± 0.011 χ^2/NDF : 8098.5/8

0.868 ± 0.009 χ^2/NDF : 15300.6/12

0.926 ± 0.010 χ^2/NDF : 12844.8/11

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -0.670 ± 0.085 $\chi^2/\text{NDF}: 1121.3/2$

Left Out: -3.430 ± 0.049 $\chi^2/\text{NDF}: 2337.3/9$

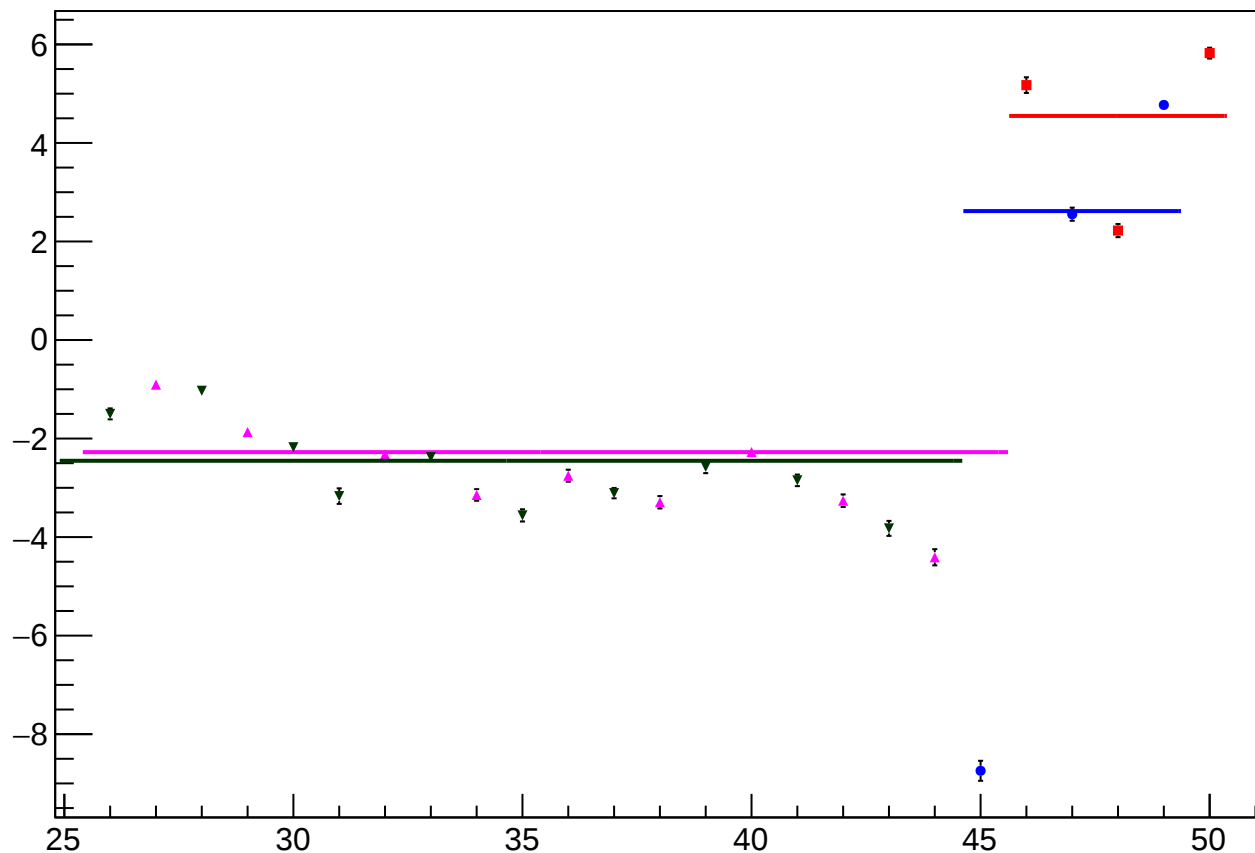
Right Out: -1.128 ± 0.096 $\chi^2/\text{NDF}: 57.0/2$

Left In: -3.099 ± 0.043 $\chi^2/\text{NDF}: 2714.1/8$

-2.743 ± 0.042 $\chi^2/\text{NDF}: 4257.0/12$

-2.767 ± 0.040 $\chi^2/\text{NDF}: 3120.7/11$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 2.617 $\pm$ 0.069 χ^2 /NDF: 3728.0/2

Left Out: -2.451 $\pm$ 0.036 χ^2 /NDF: 518.0/9

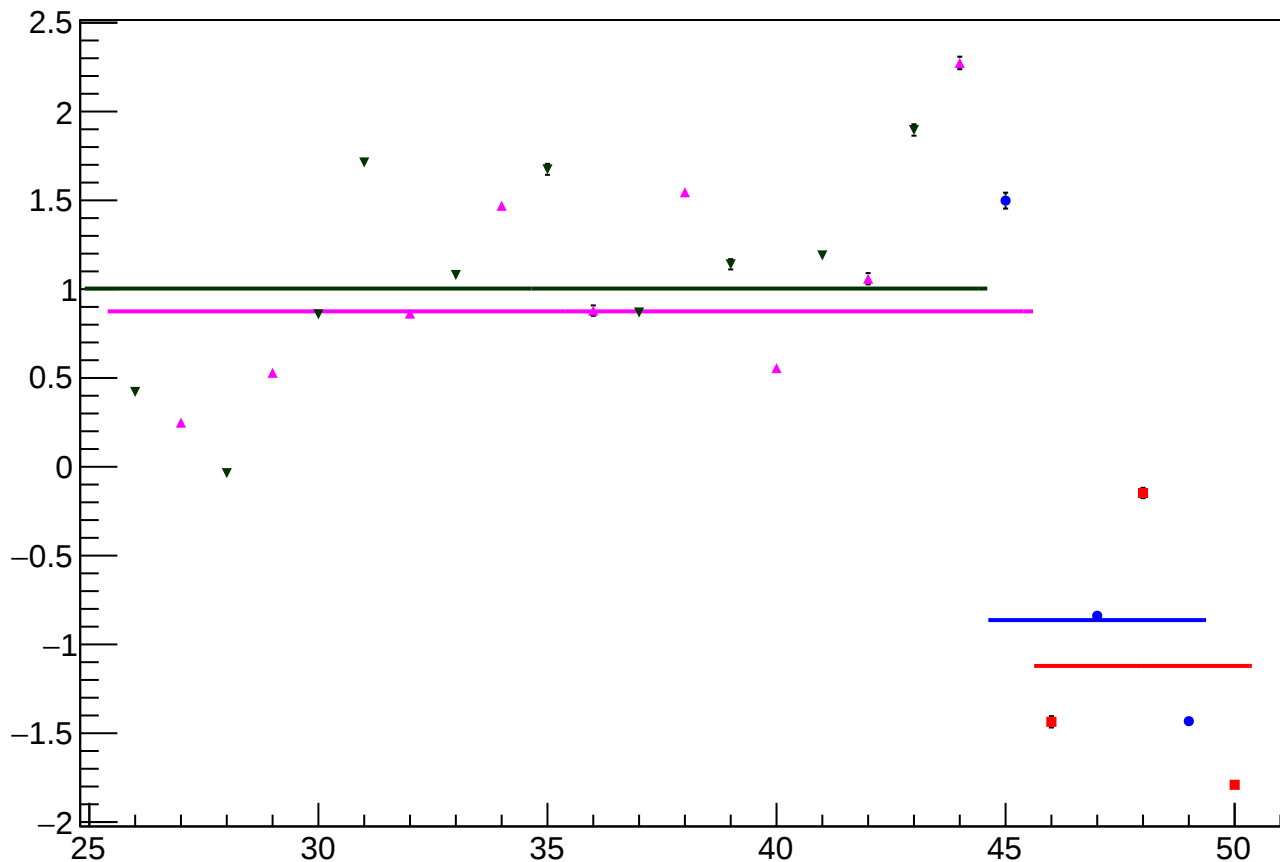
Right Out: 4.549 $\pm$ 0.075 χ^2 /NDF: 450.8/2

Left In: -2.276 $\pm$ 0.032 χ^2 /NDF: 728.6/8

-1.350 $\pm$ 0.032 χ^2 /NDF: 8456.9/12

-1.225 $\pm$ 0.029 χ^2 /NDF: 8170.7/11

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

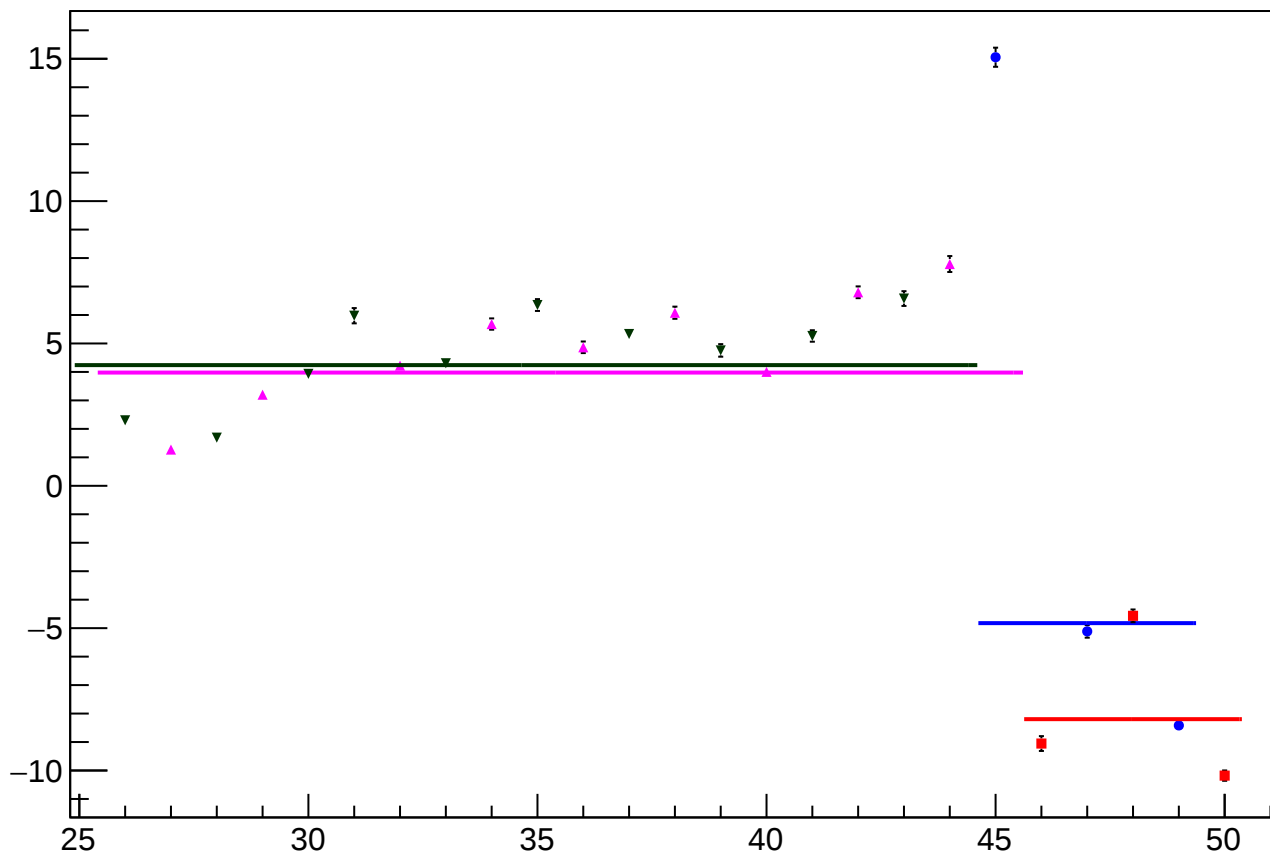
Right Out: -1.121 ± 0.017 χ^2/NDF : 1789.5/2

Left In: 0.875 ± 0.007 χ^2/NDF : 3999.7/8

0.641 ± 0.007 χ^2/NDF : 19005.0/12

0.565 ± 0.007 χ^2/NDF : 17326.3/11

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

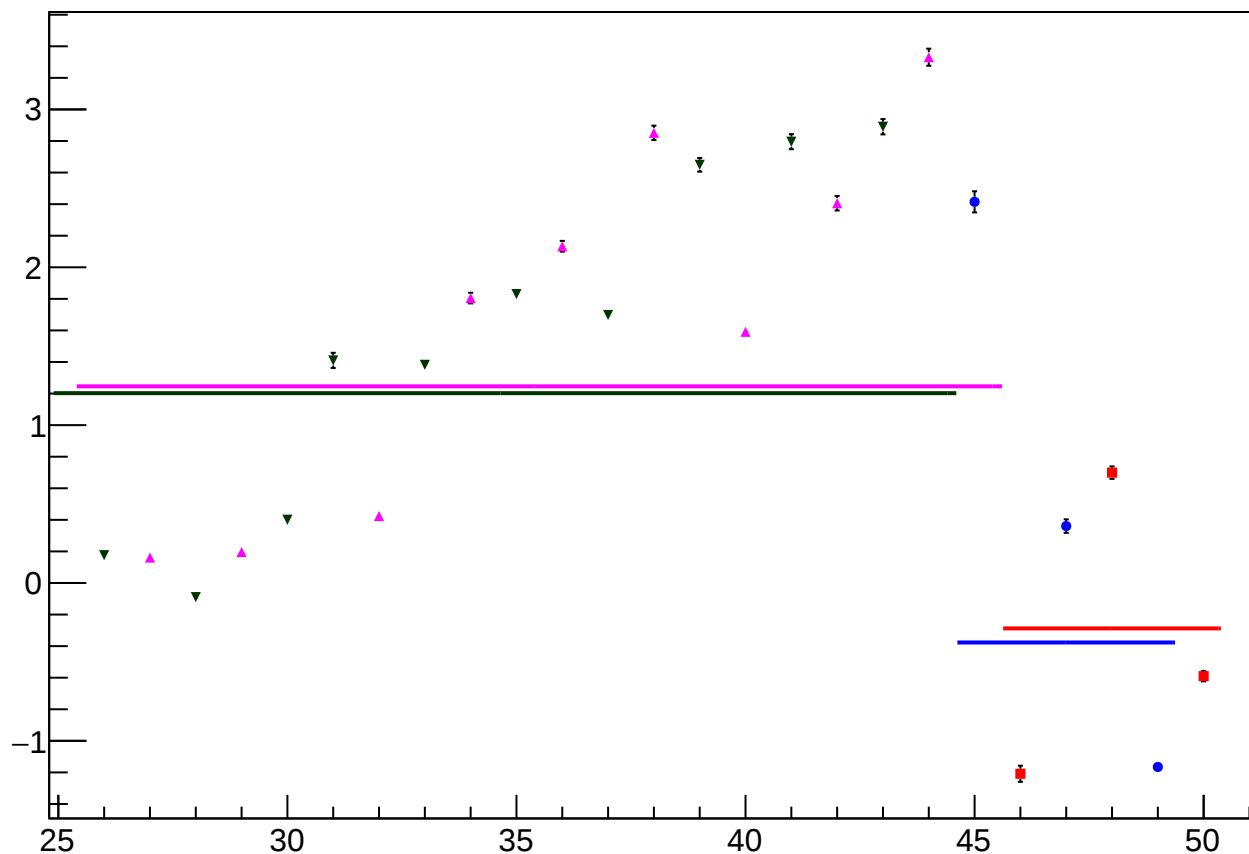
Right Out: -8.197+/-0.124 χ^2/NDF : 393.5/2

Left In: 3.978+/-0.053 χ^2/NDF : 1142.5/8

2.268+/-0.053 χ^2/NDF : 9725.8/12

2.096+/-0.049 χ^2/NDF : 9682.7/11

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.377 ± 0.022 $\chi^2/\text{NDF}: 2841.1/2$

Left Out: 1.203 ± 0.011 $\chi^2/\text{NDF}: 8206.3/9$

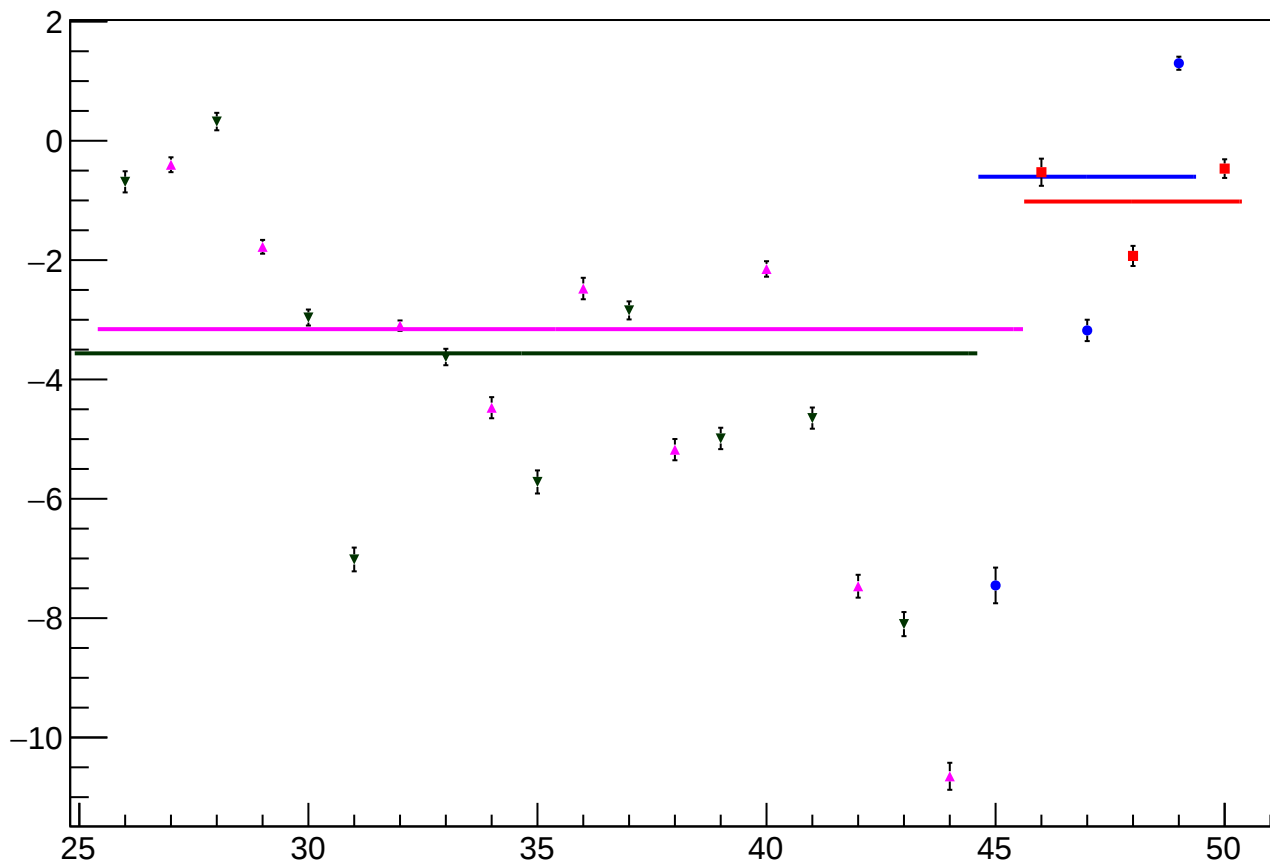
Right Out: -0.288 ± 0.023 $\chi^2/\text{NDF}: 1033.6/2$

Left In: 1.246 ± 0.011 $\chi^2/\text{NDF}: 8115.6/8$

0.904 ± 0.010 $\chi^2/\text{NDF}: 15231.8/12$

0.954 ± 0.010 $\chi^2/\text{NDF}: 12847.0/11$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -0.603 ± 0.089 $\chi^2/\text{NDF}: 1030.3/2$

Left Out: -3.563 ± 0.052 $\chi^2/\text{NDF}: 2041.0/9$

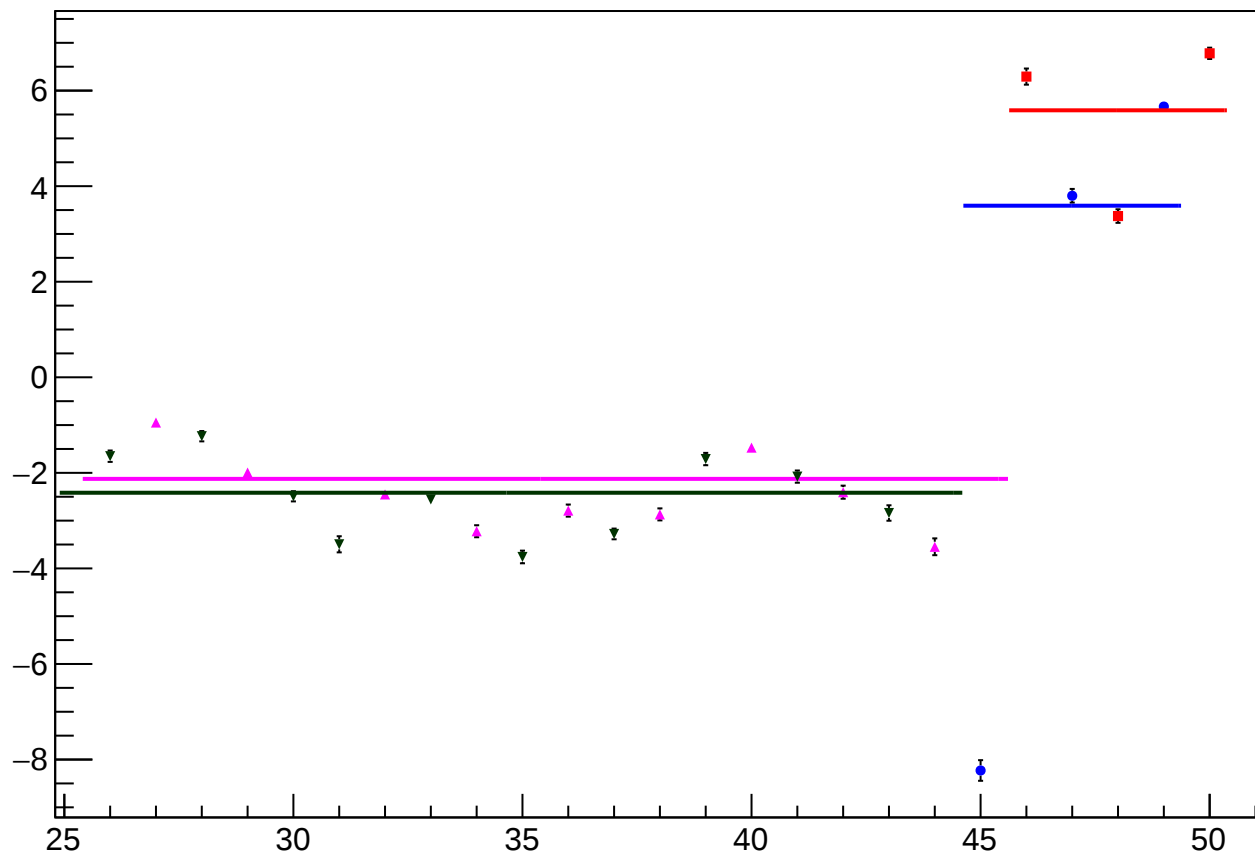
Right Out: -1.018 ± 0.102 $\chi^2/\text{NDF}: 46.4/2$

Left In: -3.157 ± 0.046 $\chi^2/\text{NDF}: 2492.0/8$

-2.815 ± 0.045 $\chi^2/\text{NDF}: 3889.5/12$

-2.797 ± 0.042 $\chi^2/\text{NDF}: 2901.4/11$

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

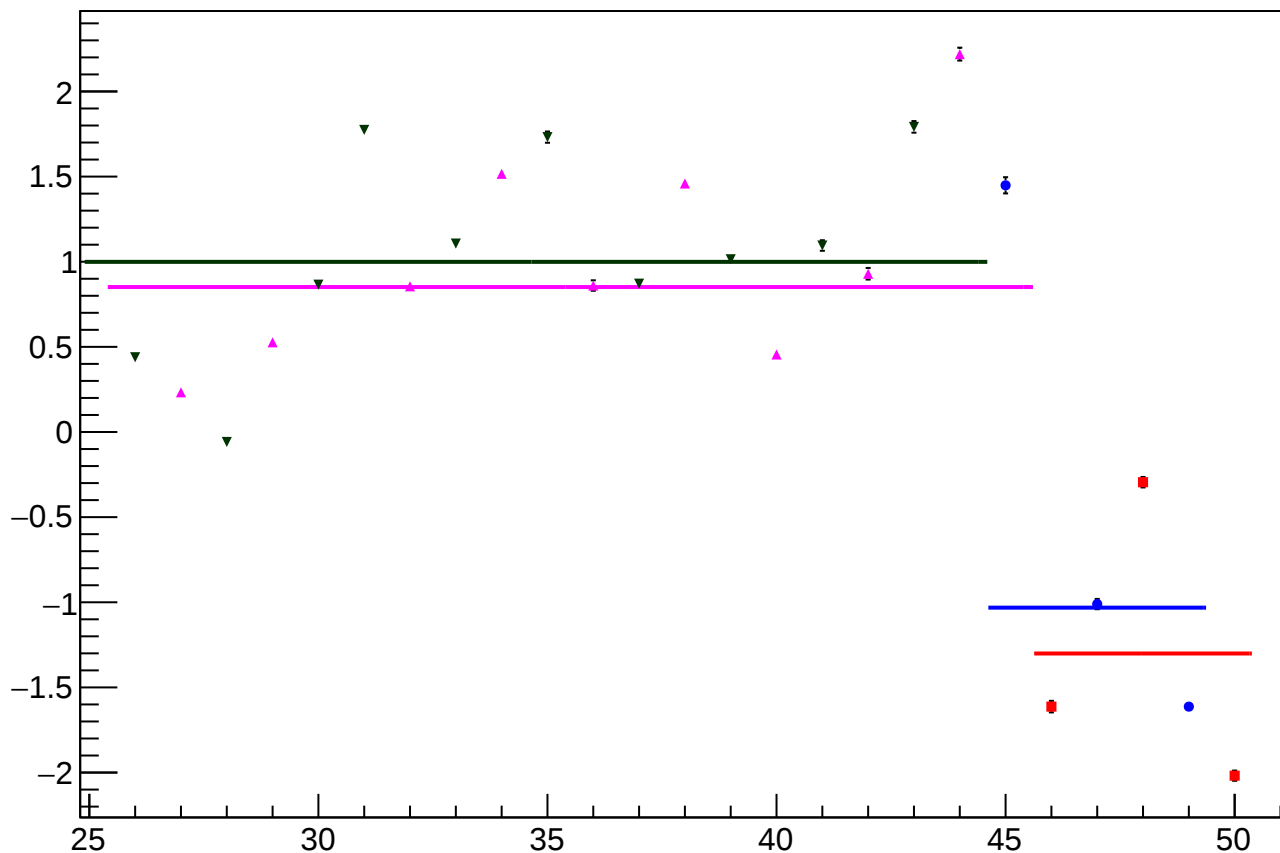
Right Out: 5.588+/-0.080 χ^2/NDF : 362.5/2

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

-1.093+/-0.034 χ^2/NDF : 9180.2/12

-0.952+/-0.031 χ^2/NDF : 8753.6/11

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

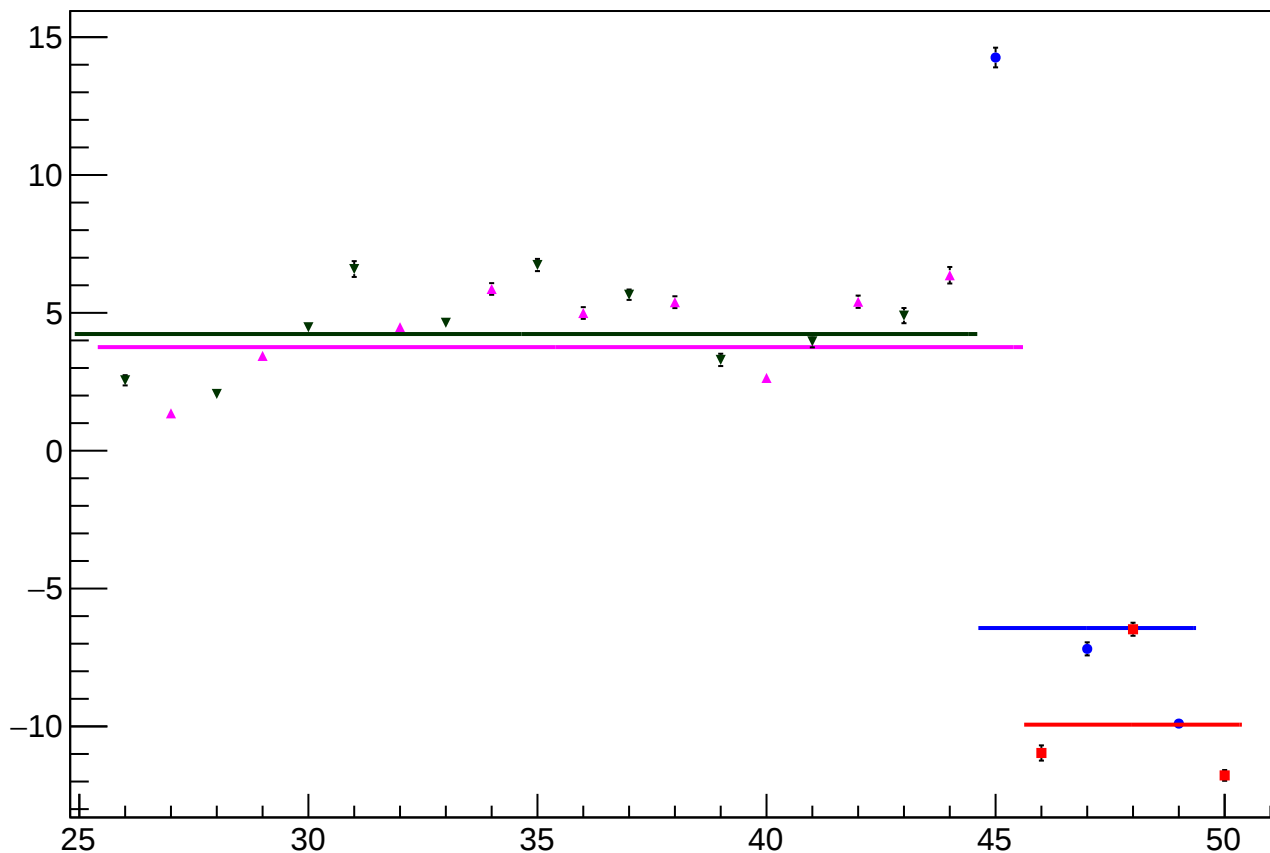
Right Out: -1.301+/-0.018 χ^2/NDF : 1722.9/2

Left In: 0.851+/-0.008 χ^2/NDF : 3579.4/8

0.600+/-0.008 χ^2/NDF : 18910.6/12

0.519+/-0.007 χ^2/NDF : 17156.7/11

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

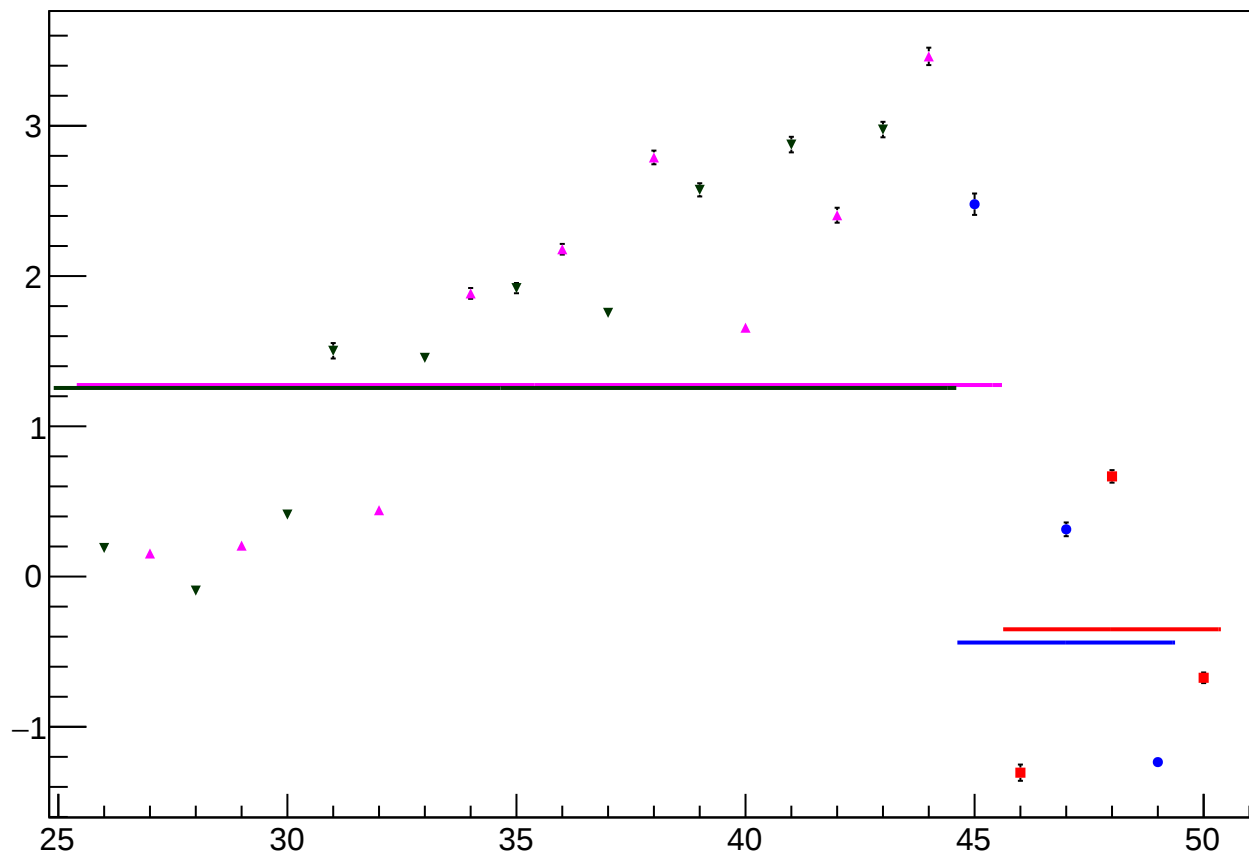
Right Out: -9.937+/-0.132 χ^2/NDF : 316.8/2

Left In: 3.757+/-0.056 χ^2/NDF : 807.8/8

1.878+/-0.057 χ^2/NDF : 10478.2/12

1.669+/-0.052 χ^2/NDF : 10219.9/11

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.439 ± 0.023 $\chi^2/\text{NDF}: 2692.1/2$

Left Out: 1.255 ± 0.011 $\chi^2/\text{NDF}: 7468.2/9$

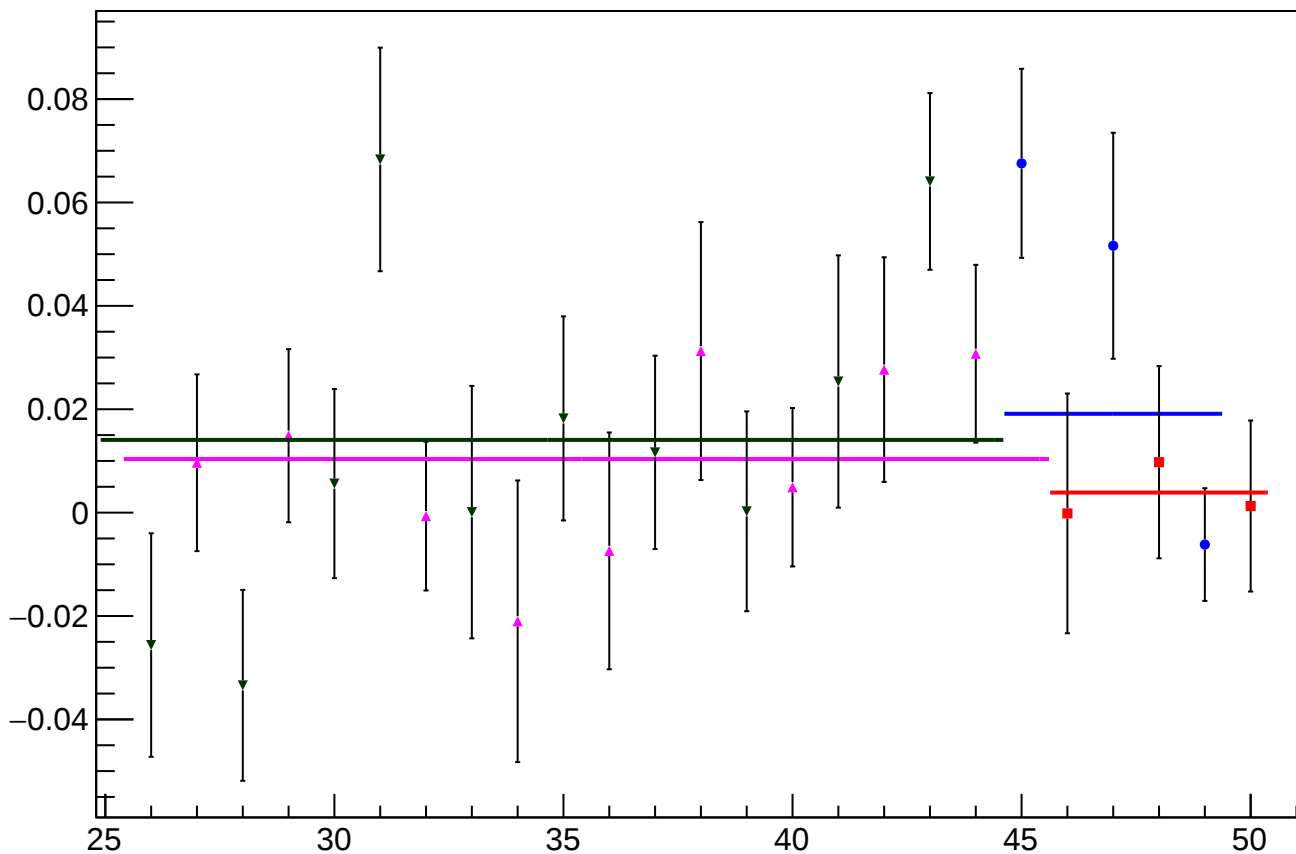
Right Out: -0.351 ± 0.024 $\chi^2/\text{NDF}: 989.3/2$

Left In: 1.275 ± 0.012 $\chi^2/\text{NDF}: 7555.8/8$

0.930 ± 0.010 $\chi^2/\text{NDF}: 14449.6/12$

0.966 ± 0.011 $\chi^2/\text{NDF}: 12216.1/11$

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.019 ± 0.009 χ^2/NDF : 14.6/2

Left Out: 0.014 ± 0.006 χ^2/NDF : 26.2/9

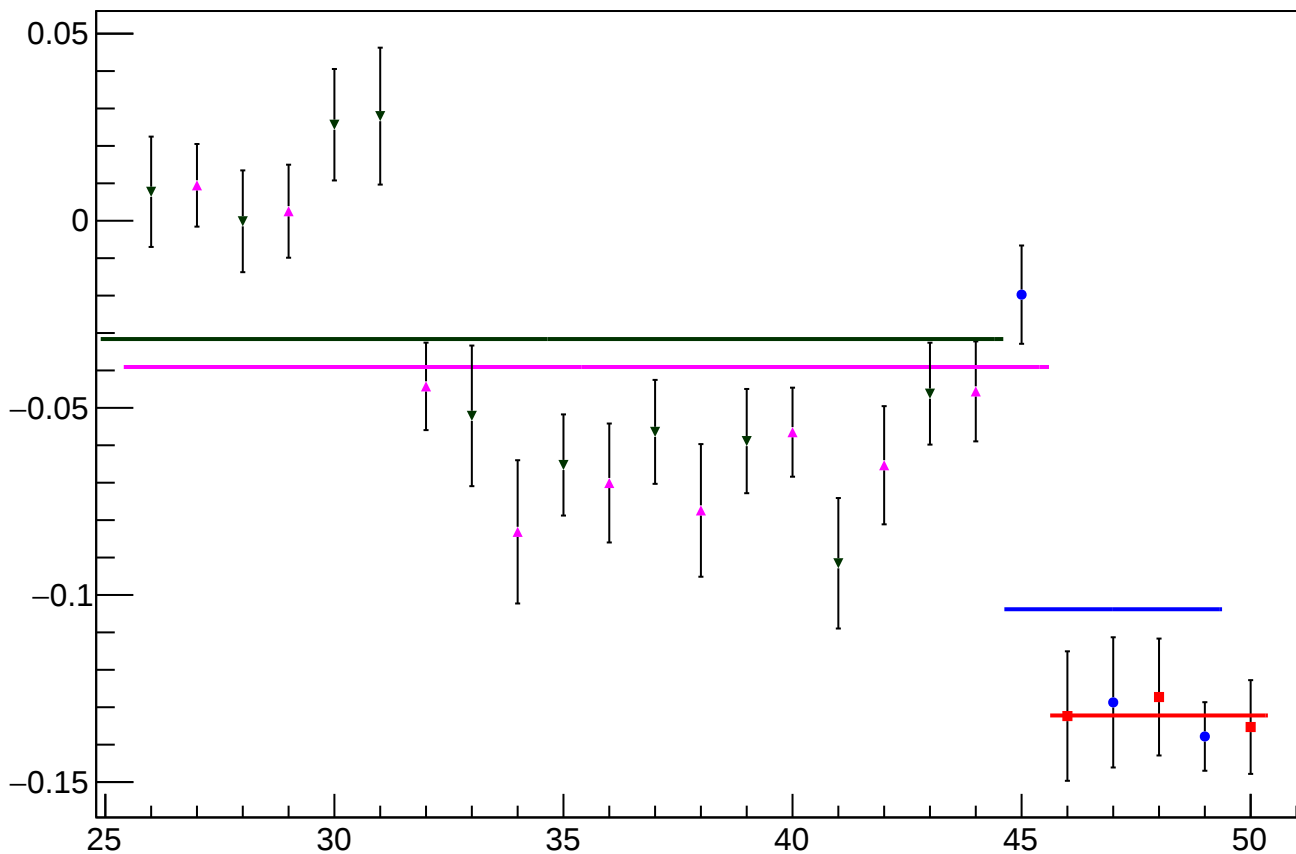
Right Out: 0.004 ± 0.011 χ^2/NDF : 0.2/2

Left In: 0.010 ± 0.006 χ^2/NDF : 5.5/8

0.016 ± 0.005 χ^2/NDF : 41.0/12

0.009 ± 0.005 χ^2/NDF : 5.9/11

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 $\chi^2/\text{NDF}: 65.2/9$

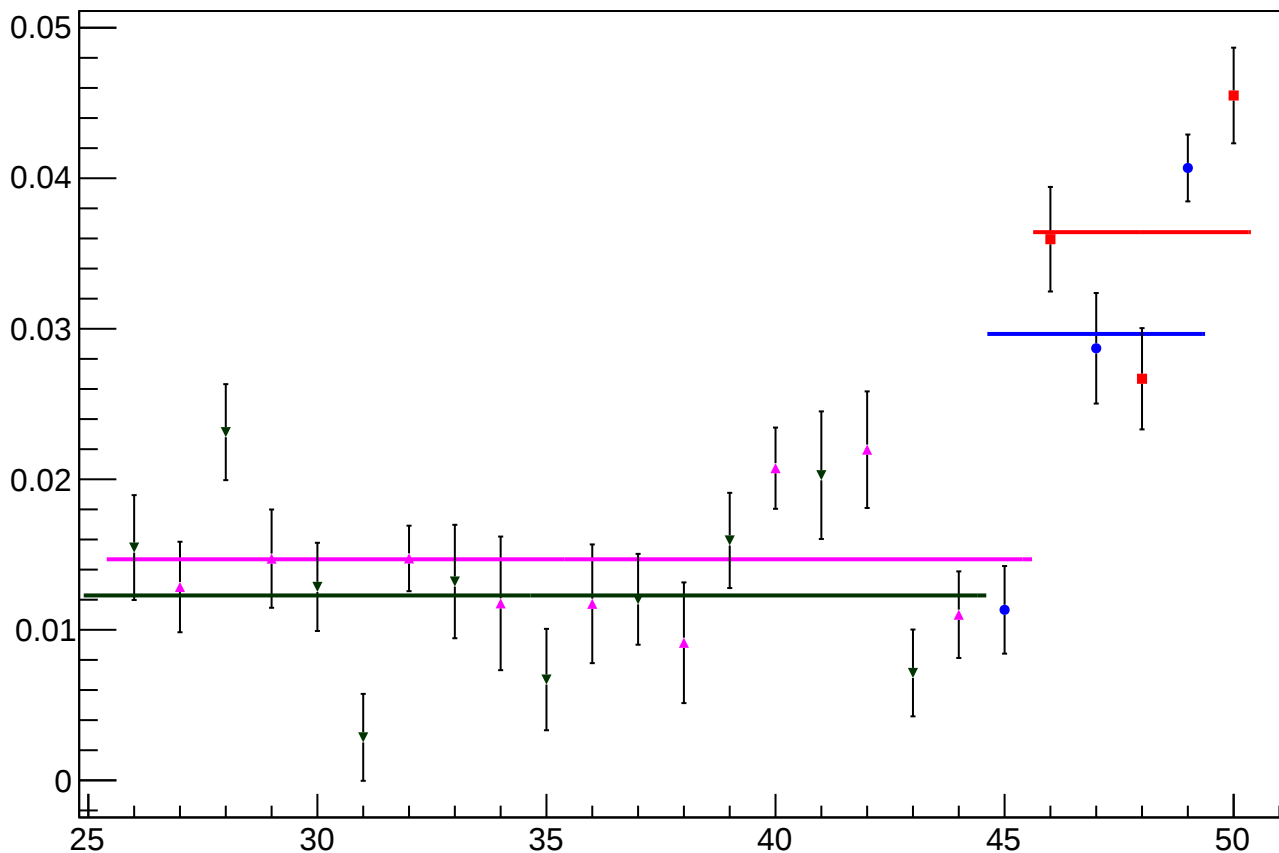
Right Out: -0.132 ± 0.009 $\chi^2/\text{NDF}: 0.2/2$

Left In: -0.039 ± 0.005 $\chi^2/\text{NDF}: 49.7/8$

-0.055 ± 0.004 $\chi^2/\text{NDF}: 196.6/12$

-0.060 ± 0.004 $\chi^2/\text{NDF}: 143.1/11$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.030 ± 0.002 χ^2/NDF : 64.4/2

Left Out: 0.012 ± 0.001 χ^2/NDF : 34.0/9

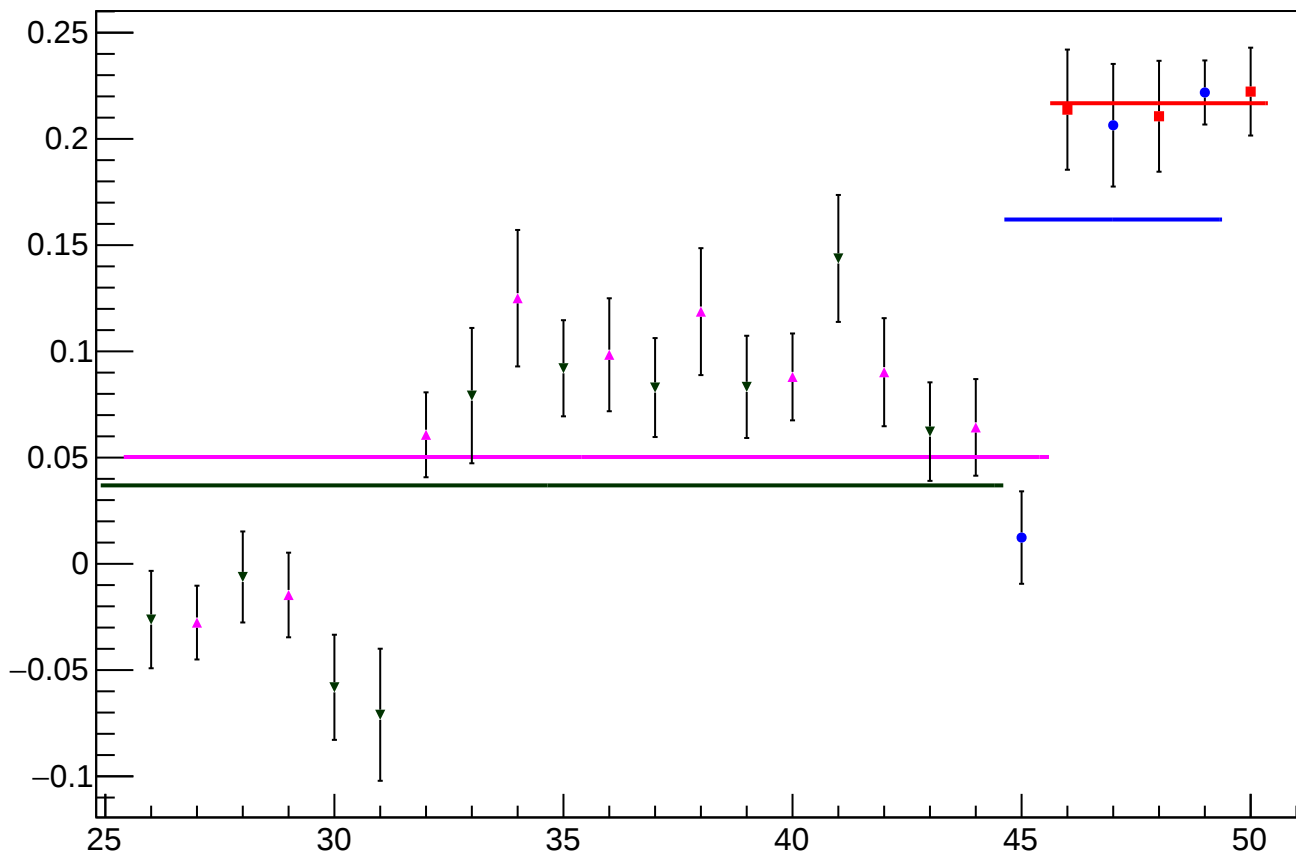
Right Out: 0.036 ± 0.002 χ^2/NDF : 16.6/2

Left In: 0.015 ± 0.001 χ^2/NDF : 13.5/8

0.017 ± 0.001 χ^2/NDF : 182.9/12

0.020 ± 0.001 χ^2/NDF : 128.7/11

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

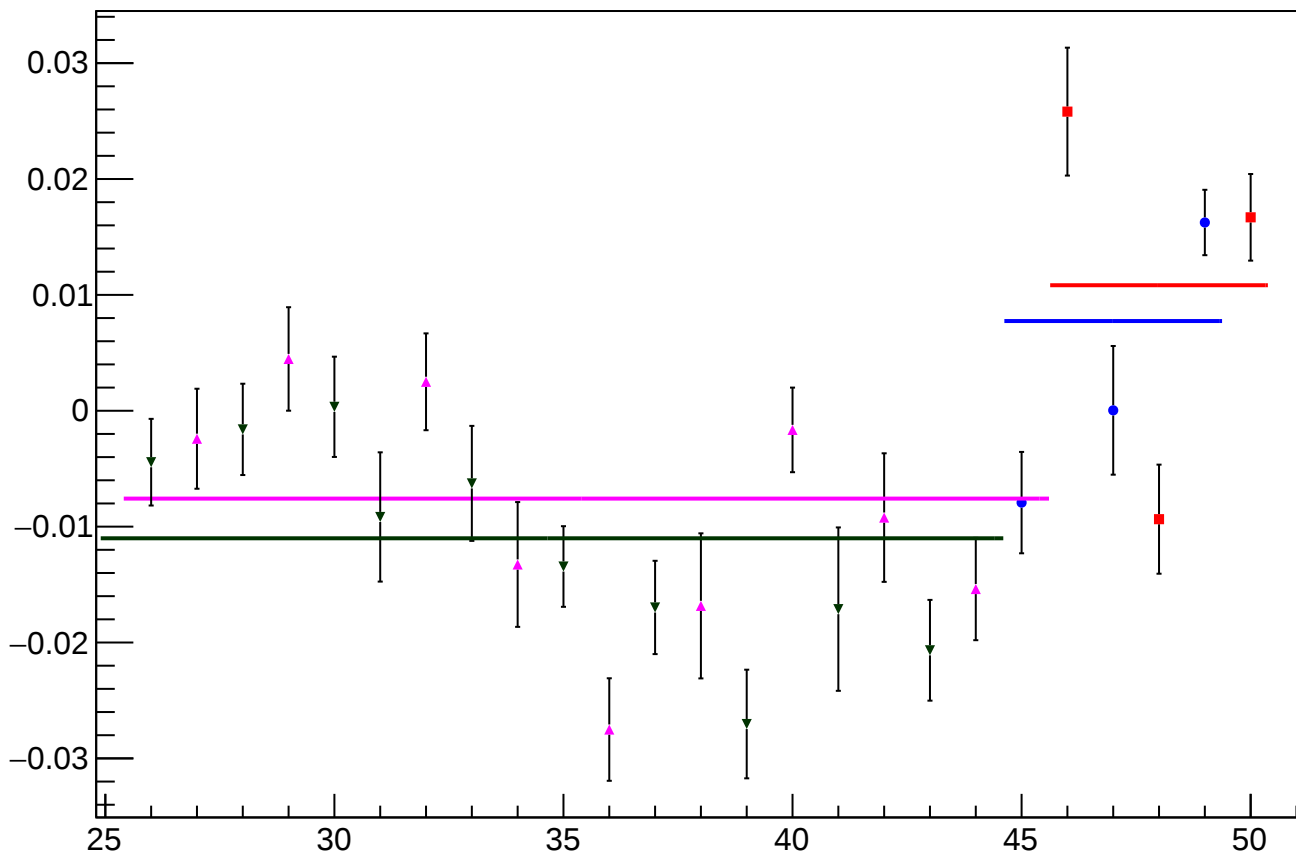
Right Out: 0.217 $\pm$ 0.014 χ^2 /NDF: 0.1/2

Left In: 0.050 $\pm$ 0.008 χ^2 /NDF: 51.2/8

0.077 $\pm$ 0.006 χ^2 /NDF: 215.0/12

0.087 $\pm$ 0.007 χ^2 /NDF: 160.5/11

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.008 ± 0.002 $\chi^2/\text{NDF}: 23.8/2$

Left Out: -0.011 ± 0.001 $\chi^2/\text{NDF}: 36.7/9$

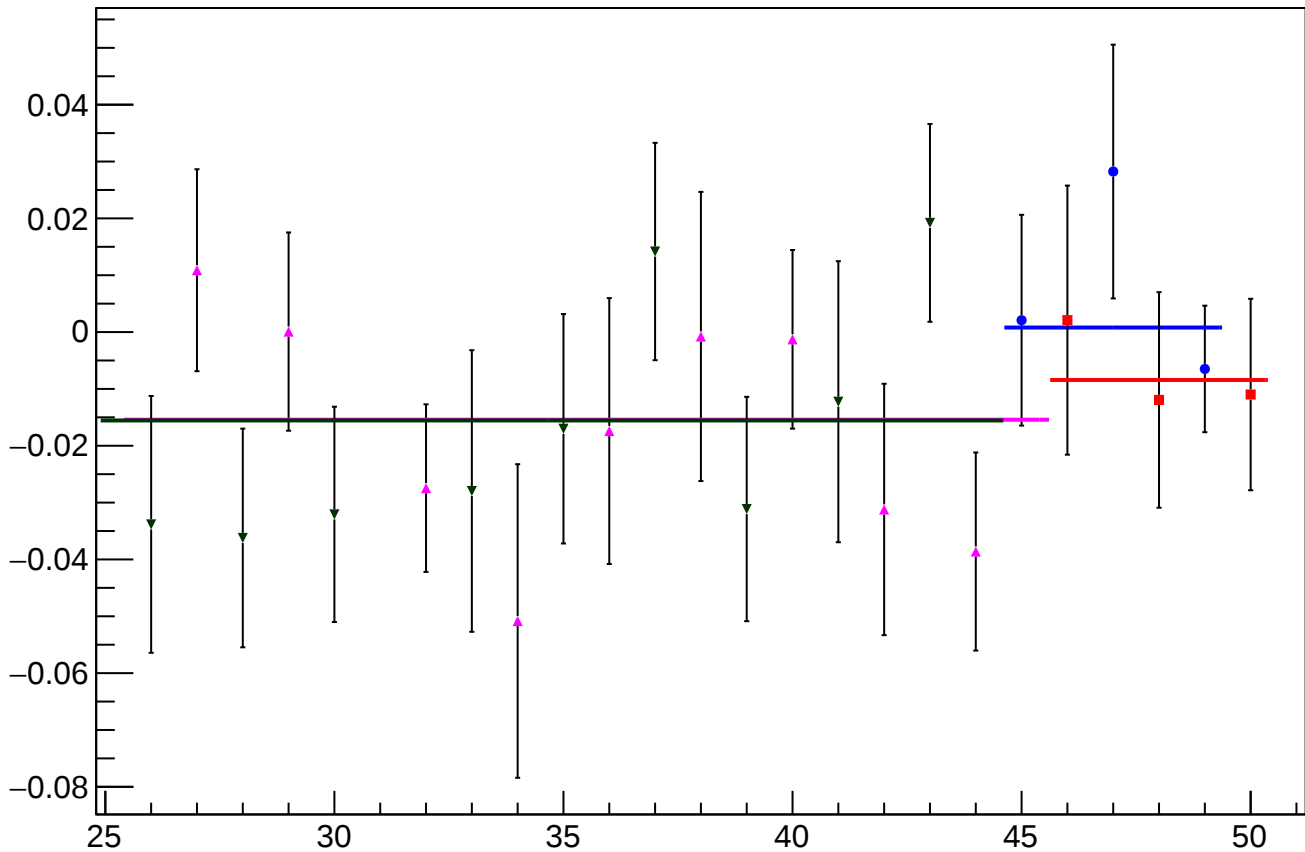
Right Out: 0.011 ± 0.003 $\chi^2/\text{NDF}: 28.2/2$

Left In: -0.008 ± 0.002 $\chi^2/\text{NDF}: 44.0/8$

-0.006 ± 0.001 $\chi^2/\text{NDF}: 113.4/12$

-0.003 ± 0.001 $\chi^2/\text{NDF}: 109.9/11$

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 1.9/2

Left Out: -0.016 $\pm$ 0.007 χ^2 /NDF: 9.9/8

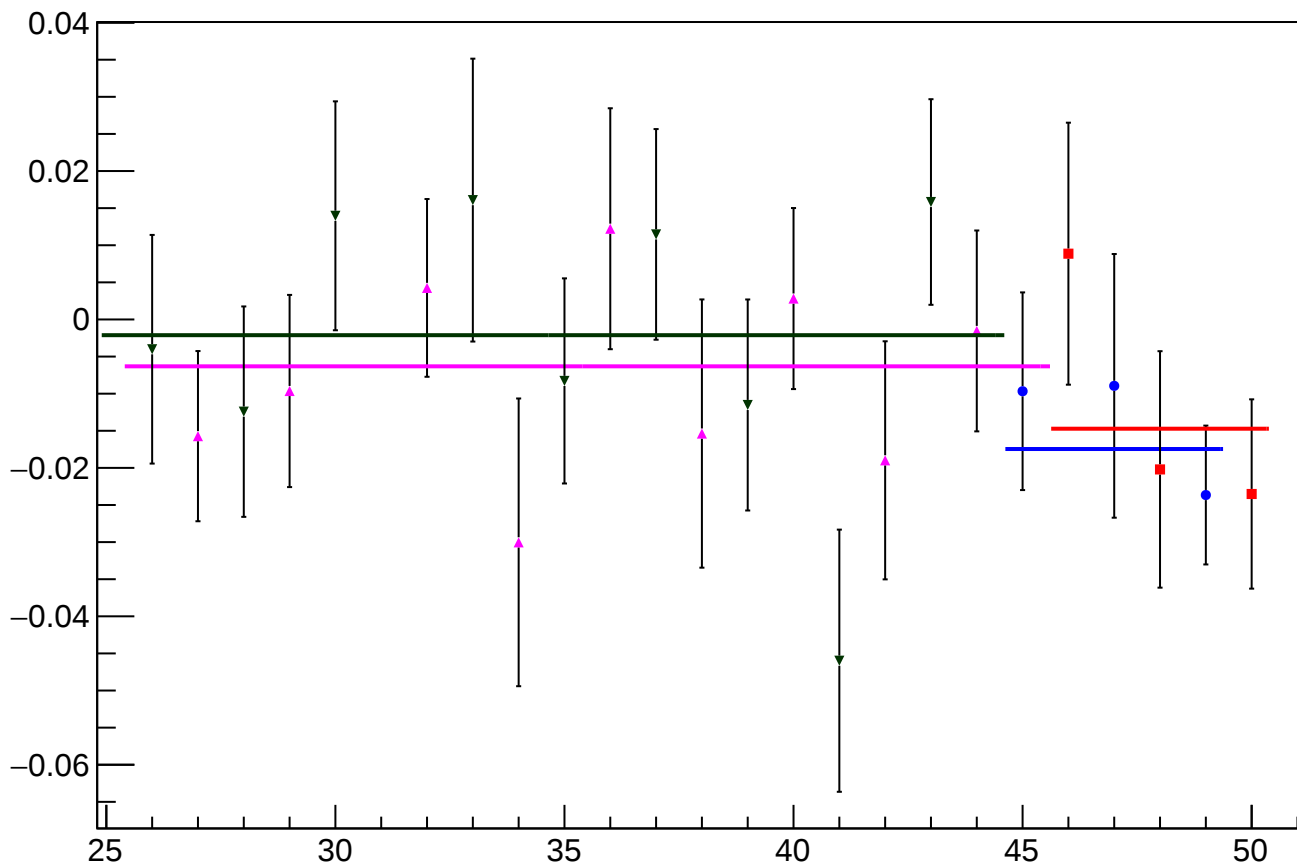
Right Out: -0.008 $\pm$ 0.011 χ^2 /NDF: 0.3/2

Left In: -0.015 $\pm$ 0.006 χ^2 /NDF: 8.7/8

-0.009 $\pm$ 0.005 χ^2 /NDF: 14.0/11

-0.014 $\pm$ 0.005 χ^2 /NDF: 9.3/11

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.017 $\pm$ 0.007 χ^2 /NDF: 1.0/2

Left Out: -0.002 $\pm$ 0.005 χ^2 /NDF:11.9/8

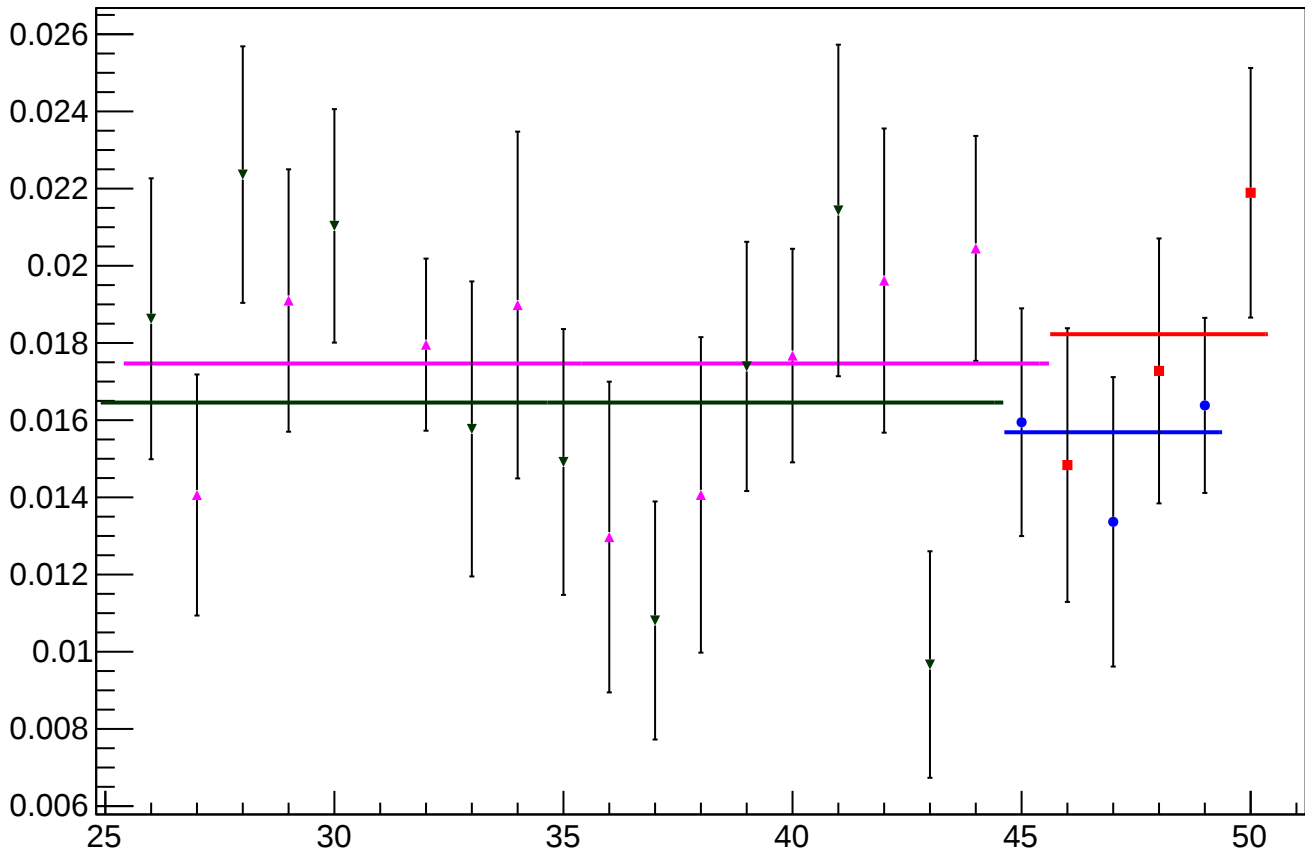
Right Out: -0.015 $\pm$ 0.009 χ^2 /NDF: 2.4/2

Left In: -0.006 $\pm$ 0.005 χ^2 /NDF:5.9/8

-0.007 $\pm$ 0.004 χ^2 /NDF: 16.1/11

-0.008 $\pm$ 0.004 χ^2 /NDF: 9.0/11

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 ± 0.002 χ^2/NDF : 0.5/2

Left Out: 0.016 ± 0.001 χ^2/NDF : 16.2/8

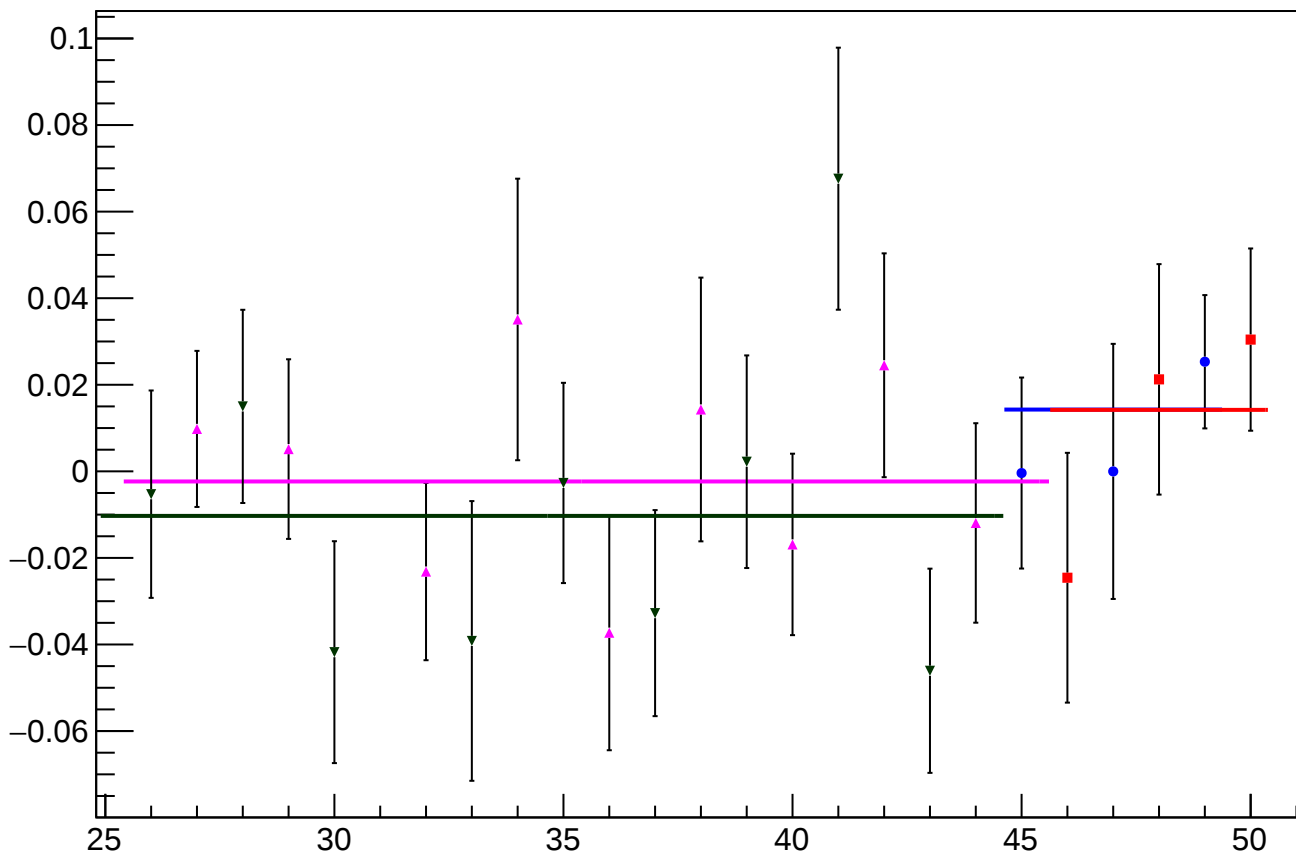
Right Out: 0.018 ± 0.002 χ^2/NDF : 2.3/2

Left In: 0.017 ± 0.001 χ^2/NDF : 4.9/8

0.016 ± 0.001 χ^2/NDF : 16.8/11

0.018 ± 0.001 χ^2/NDF : 7.3/11

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.014 $\pm$ 0.012 χ^2 /NDF: 1.2/2

Left Out: -0.010 $\pm$ 0.008 χ^2 /NDF:13.8/8

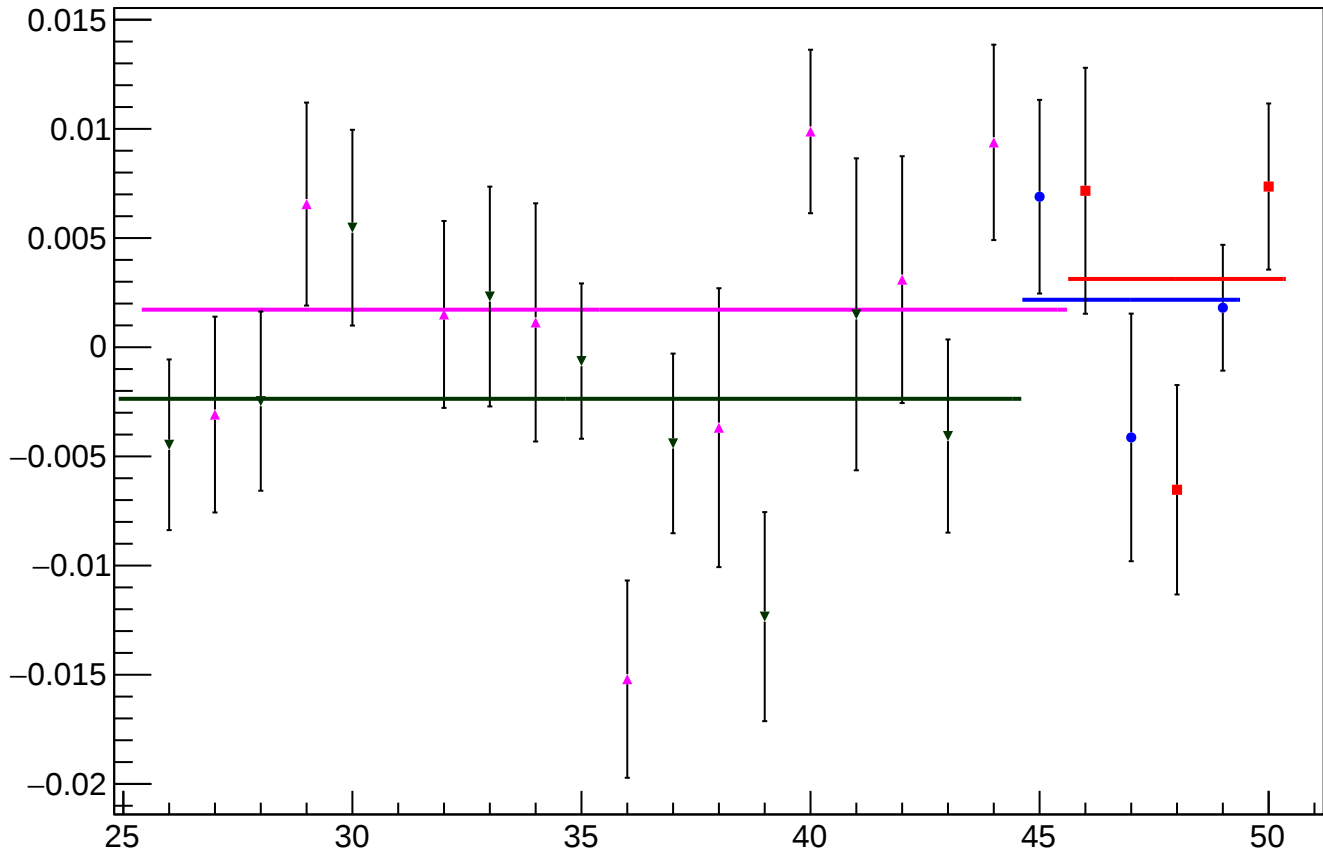
Right Out: 0.014 $\pm$ 0.014 χ^2 /NDF: 2.5/2

Left In: -0.002 $\pm$ 0.008 χ^2 /NDF:6.6/8

-0.002 $\pm$ 0.007 χ^2 /NDF: 18.0/11

0.001 $\pm$ 0.007 χ^2 /NDF: 10.1/11

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002+/-0.002 χ^2/NDF : 2.4/2

Left Out: -0.002+/-0.001 χ^2/NDF : 9.5/8

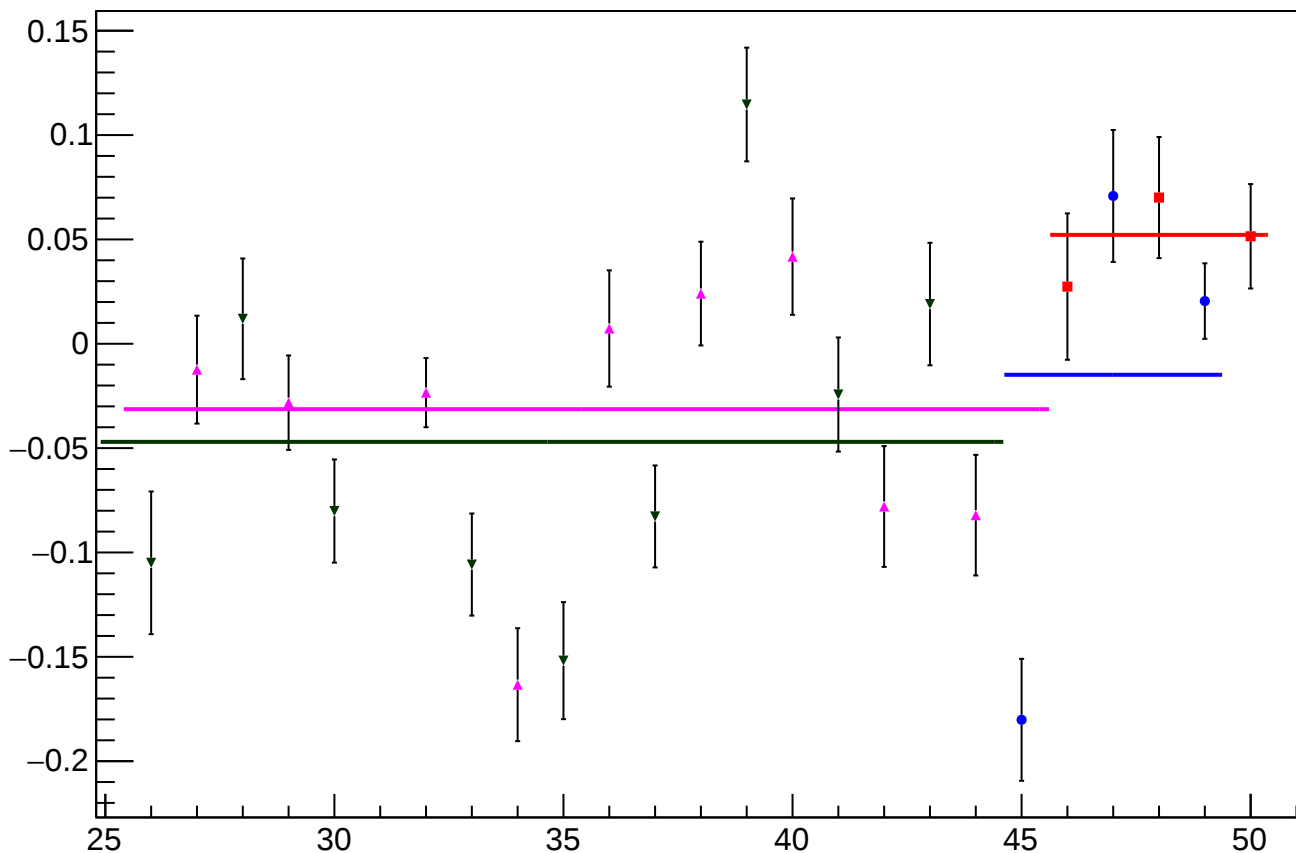
Right Out: 0.003+/-0.003 χ^2/NDF : 5.8/2

Left In: 0.002+/-0.002 χ^2/NDF : 24.7/8

-0.001+/-0.001 χ^2/NDF : 14.8/11

0.002+/-0.001 χ^2/NDF : 30.7/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.015 $\pm$ 0.014 χ^2 /NDF: 43.2/2

Left Out: -0.047 $\pm$ 0.009 χ^2 /NDF: 71.7/8

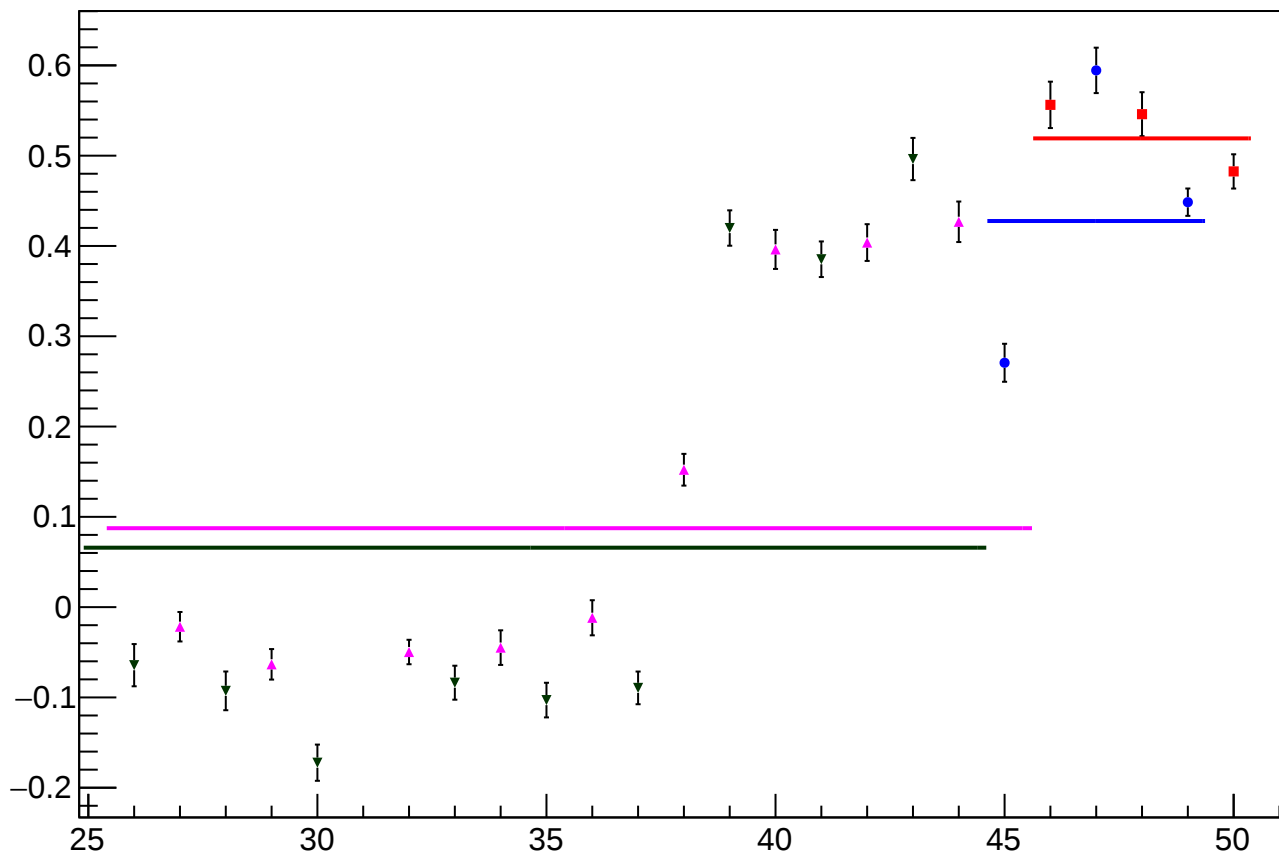
Right Out: 0.052 $\pm$ 0.017 χ^2 /NDF: 0.9/2

Left In: -0.031 $\pm$ 0.008 χ^2 /NDF: 44.0/8

-0.037 $\pm$ 0.008 χ^2 /NDF: 118.6/11

-0.015 $\pm$ 0.007 χ^2 /NDF: 65.2/11

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

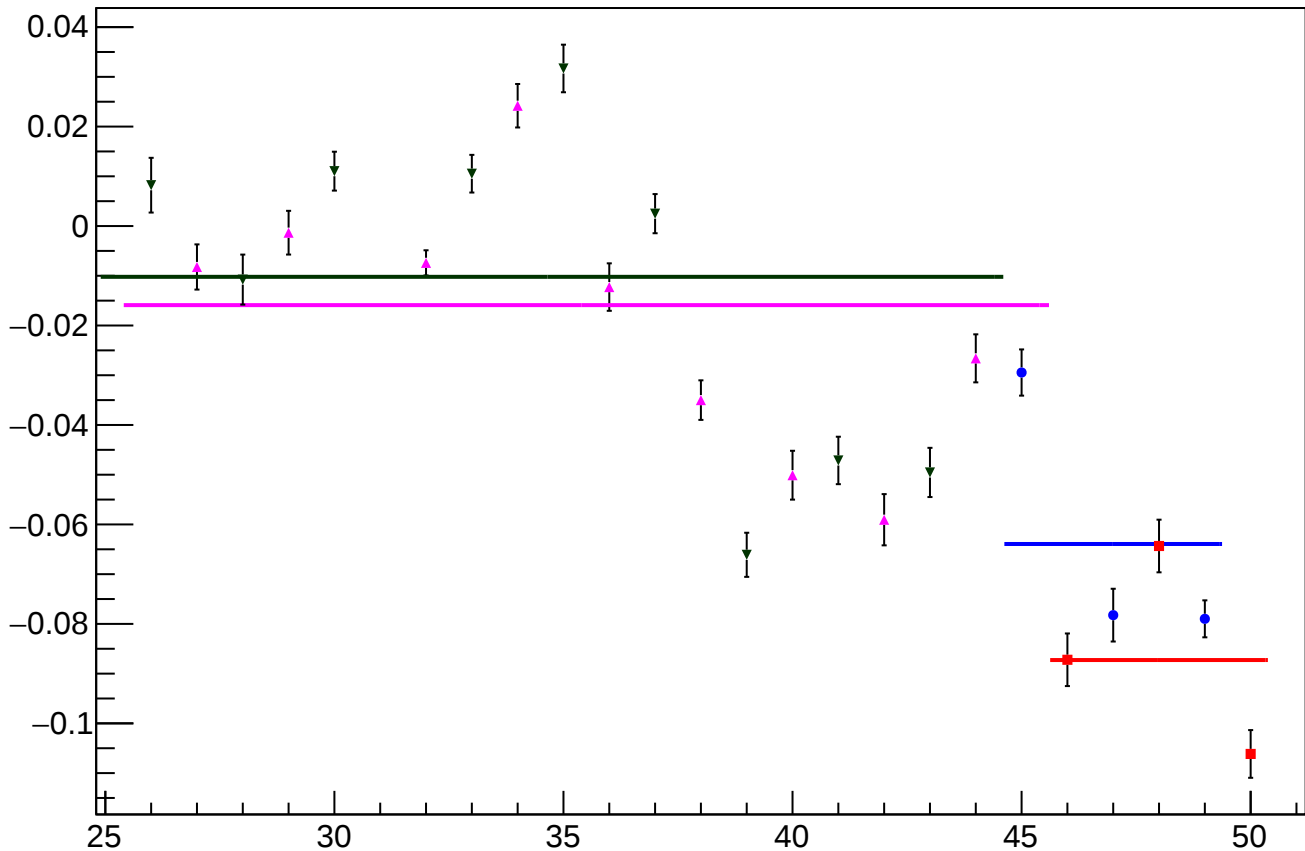
Right Out: 0.519 $\pm$ 0.013 χ^2/NDF : 7.0/2

Left In: 0.087 $\pm$ 0.006 χ^2/NDF :988.4/8

0.164 $\pm$ 0.006 χ^2/NDF : 2252.1/11

0.164 $\pm$ 0.005 χ^2/NDF : 1913.2/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.064+/-0.003 χ^2/NDF : 78.7/2

Left Out: -0.010+/-0.001 χ^2/NDF : 439.6/8

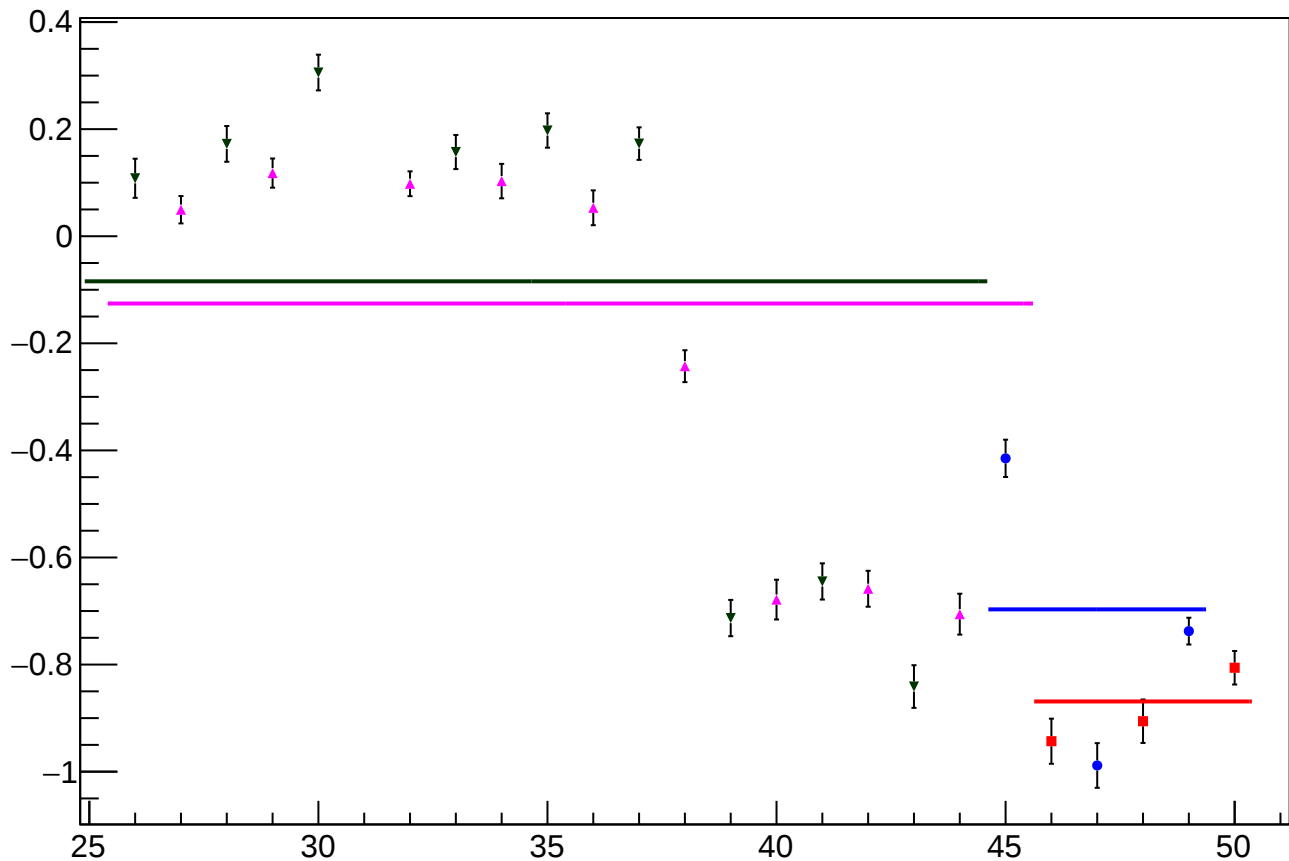
Right Out: -0.087+/-0.003 χ^2/NDF : 34.3/2

Left In: -0.016+/-0.001 χ^2/NDF : 256.4/8

-0.024+/-0.001 χ^2/NDF : 850.1/11

-0.028+/-0.001 χ^2/NDF : 772.9/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.697+/-0.018 χ^2/NDF : 117.1/2

Left Out: -0.084+/-0.011 χ^2/NDF :1409.4/8

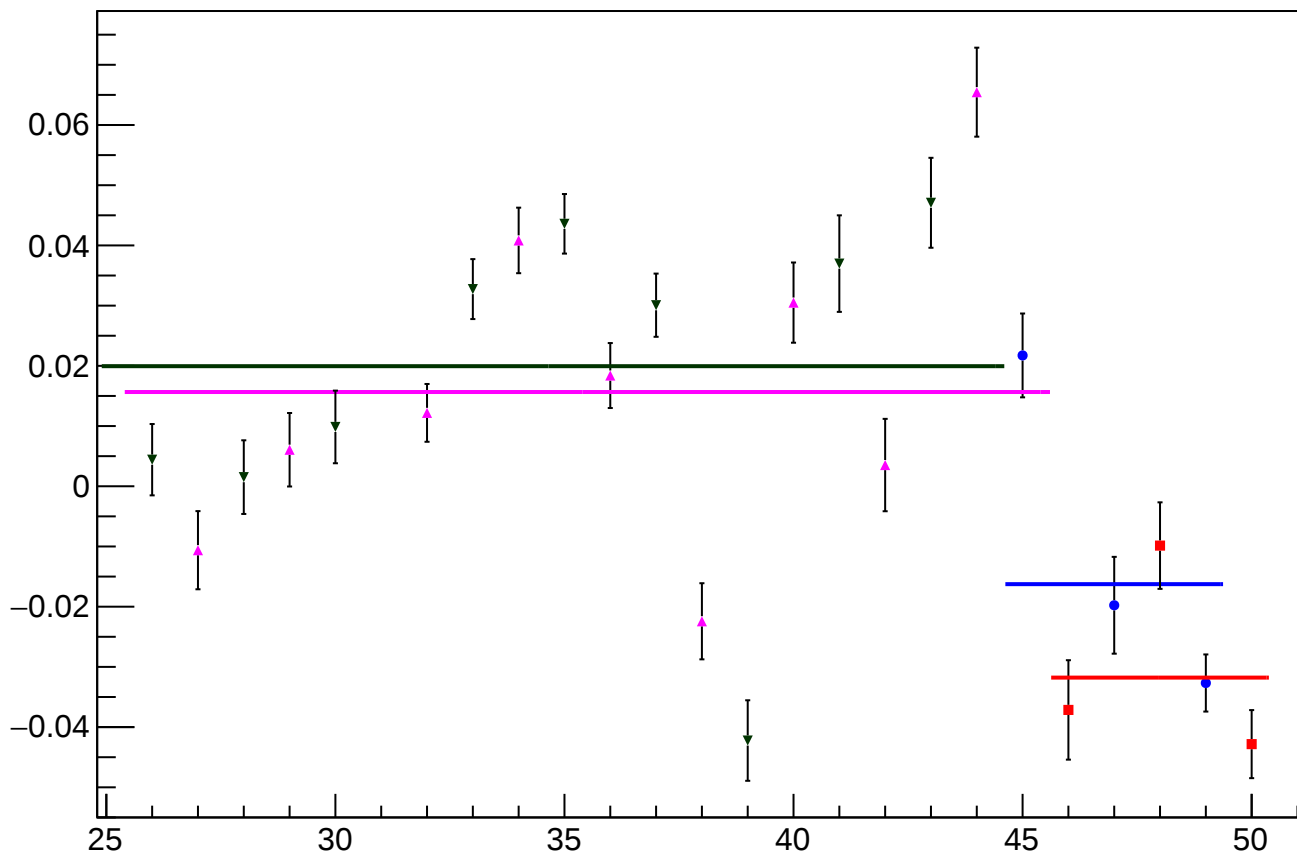
Right Out: -0.869+/-0.021 χ^2/NDF : 8.0/2

Left In: -0.126+/-0.010 χ^2/NDF :1020.3/8

-0.252+/-0.010 χ^2/NDF : 2345.0/11

-0.258+/-0.009 χ^2/NDF : 2022.5/11

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.016+/-0.004 χ^2/NDF : 41.9/2

Left Out: 0.020+/-0.002 χ^2/NDF :156.1/8

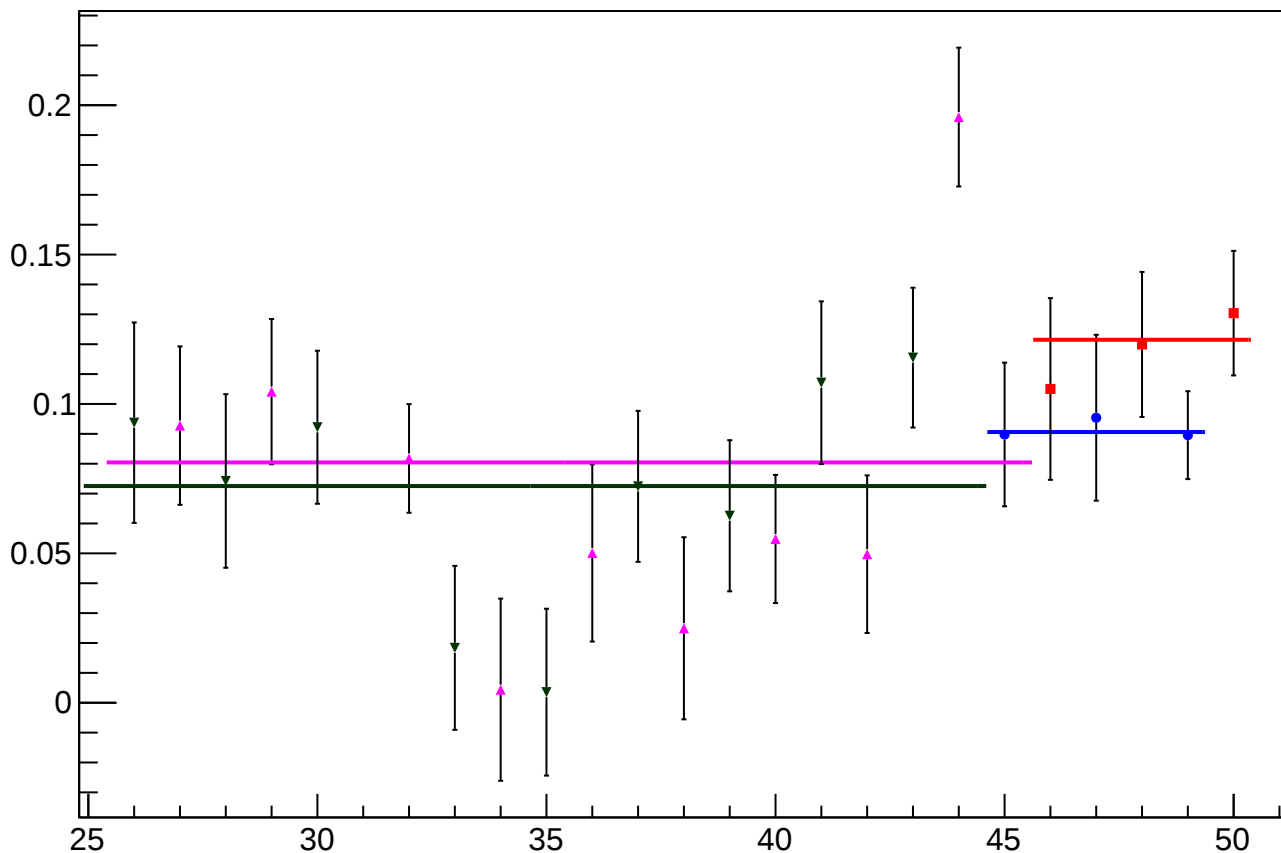
Right Out: -0.032+/-0.004 χ^2/NDF : 13.6/2

Left In: 0.016+/-0.002 χ^2/NDF :130.2/8

0.011+/-0.002 χ^2/NDF : 278.3/11

0.006+/-0.002 χ^2/NDF : 259.8/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.091 $\pm$ 0.011 χ^2 /NDF: 0.0/2

Left Out: 0.073 $\pm$ 0.009 χ^2 /NDF:16.1/8

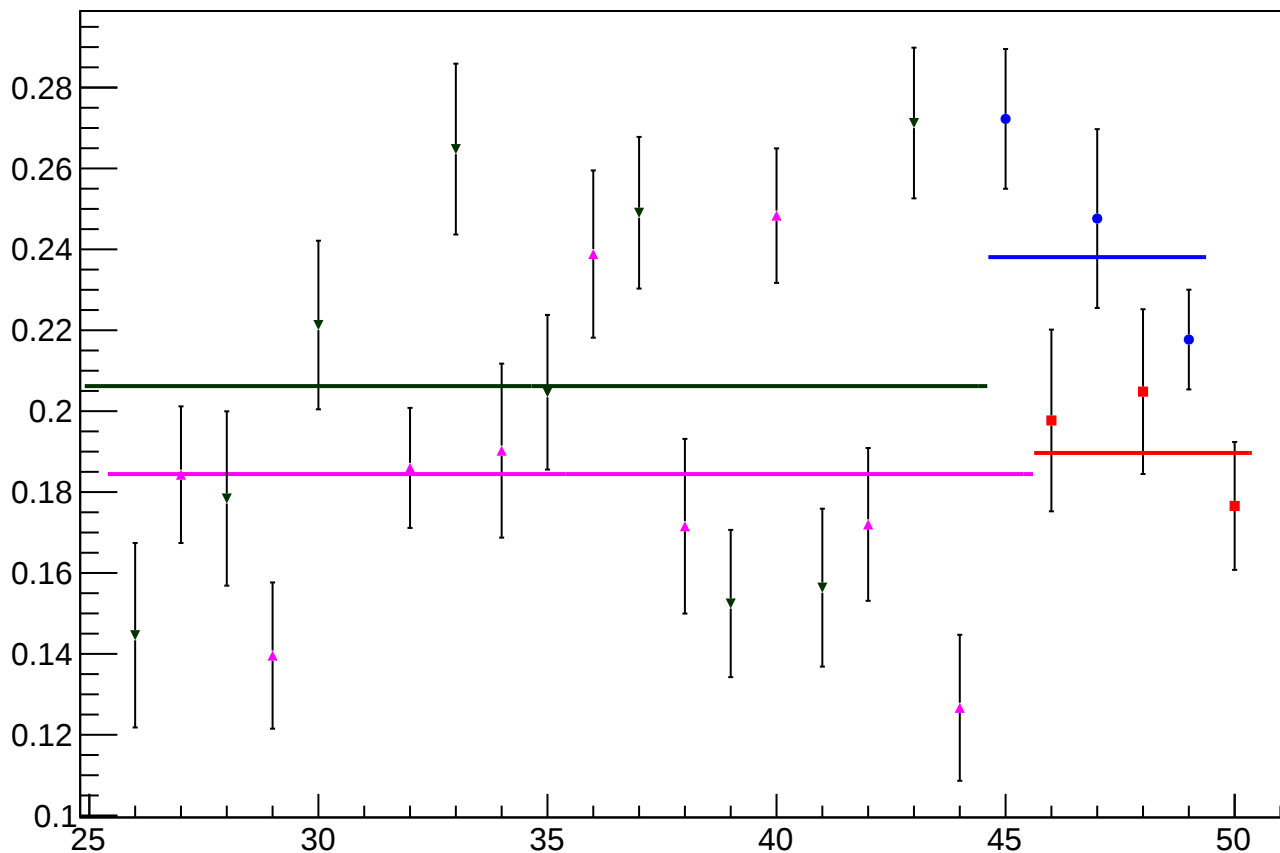
Right Out: 0.121 $\pm$ 0.014 χ^2 /NDF: 0.5/2

Left In: 0.080 $\pm$ 0.008 χ^2 /NDF:39.3/8

0.079 $\pm$ 0.007 χ^2 /NDF: 17.7/11

0.091 $\pm$ 0.007 χ^2 /NDF: 46.2/11

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

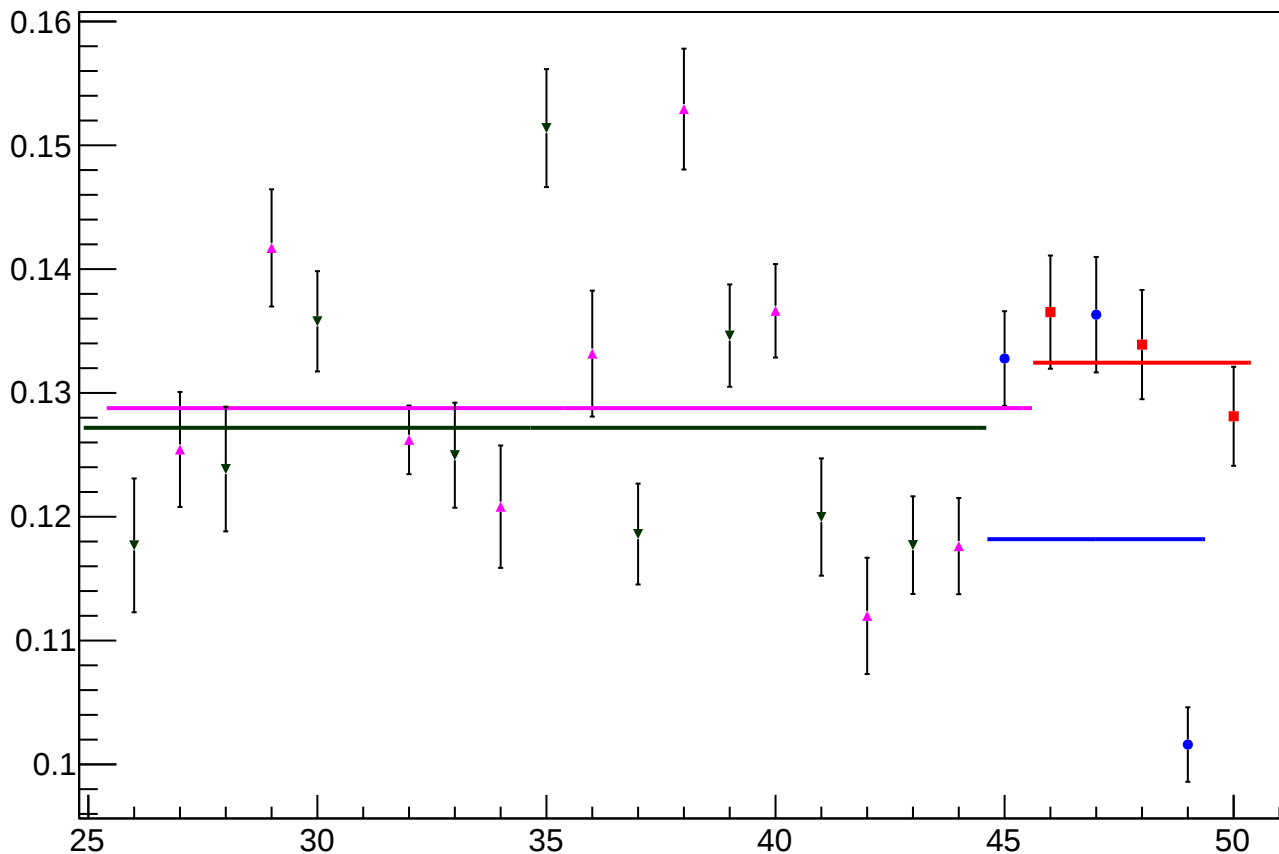
Right Out: 0.190 $\pm$ 0.011 χ^2/NDF : 1.4/2

Left In: 0.184 $\pm$ 0.006 χ^2/NDF : 39.0/8

0.217 $\pm$ 0.005 χ^2/NDF : 64.7/11

0.186 $\pm$ 0.005 χ^2/NDF : 40.5/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.118+/-0.002 χ^2/NDF : 60.1/2

Left Out: 0.127+/-0.001 χ^2/NDF : 49.9/8

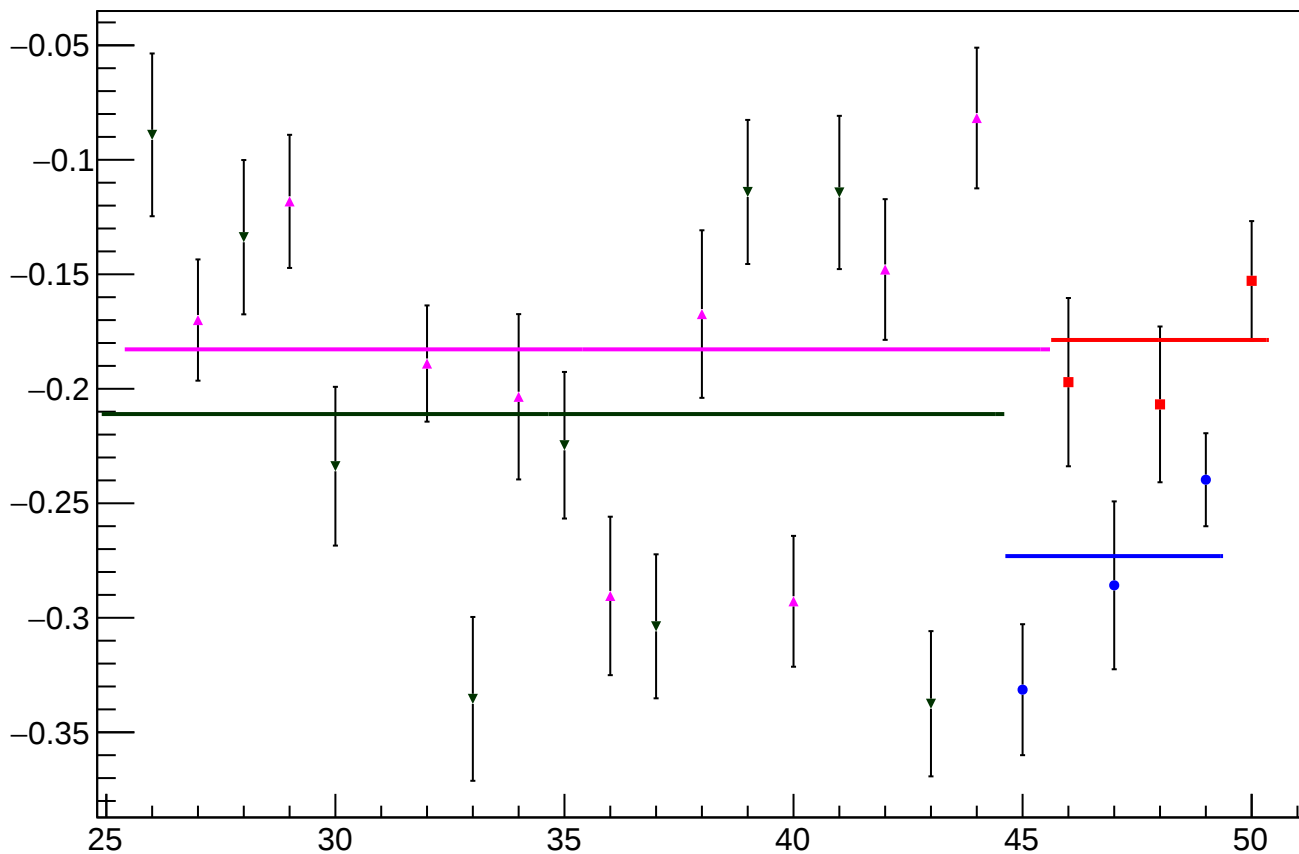
Right Out: 0.132+/-0.002 χ^2/NDF : 2.1/2

Left In: 0.129+/-0.001 χ^2/NDF : 62.0/8

0.124+/-0.001 χ^2/NDF : 122.3/11

0.130+/-0.001 χ^2/NDF : 65.8/11

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.273 ± 0.015 $\chi^2/\text{NDF}: 7.0/2$

Left Out: -0.211 ± 0.011 $\chi^2/\text{NDF}: 72.2/8$

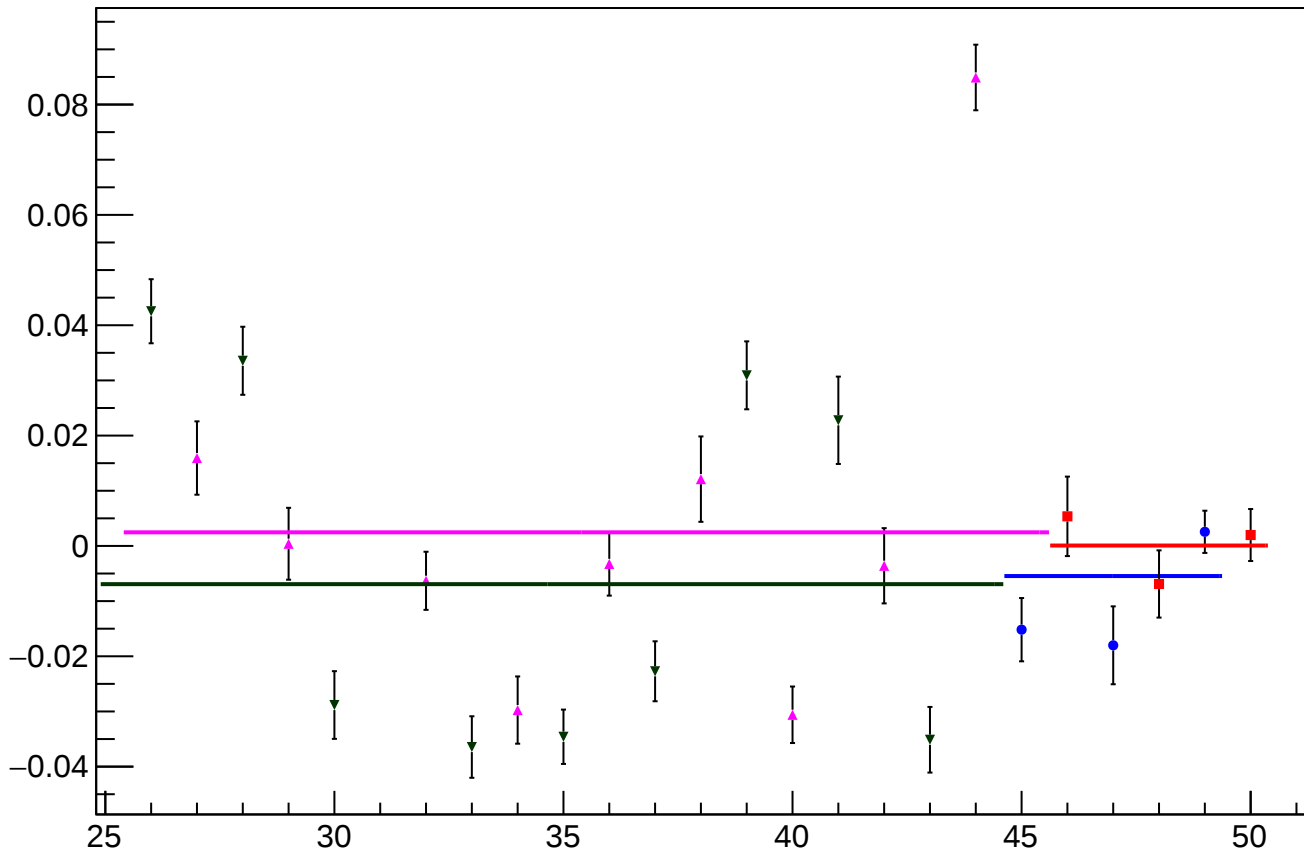
Right Out: -0.179 ± 0.018 $\chi^2/\text{NDF}: 1.9/2$

Left In: -0.183 ± 0.010 $\chi^2/\text{NDF}: 42.4/8$

-0.233 ± 0.009 $\chi^2/\text{NDF}: 90.2/11$

-0.182 ± 0.009 $\chi^2/\text{NDF}: 44.3/11$

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005 ± 0.003 χ^2/NDF : 10.4/2

Left Out: -0.007 ± 0.002 χ^2/NDF : 270.8/8

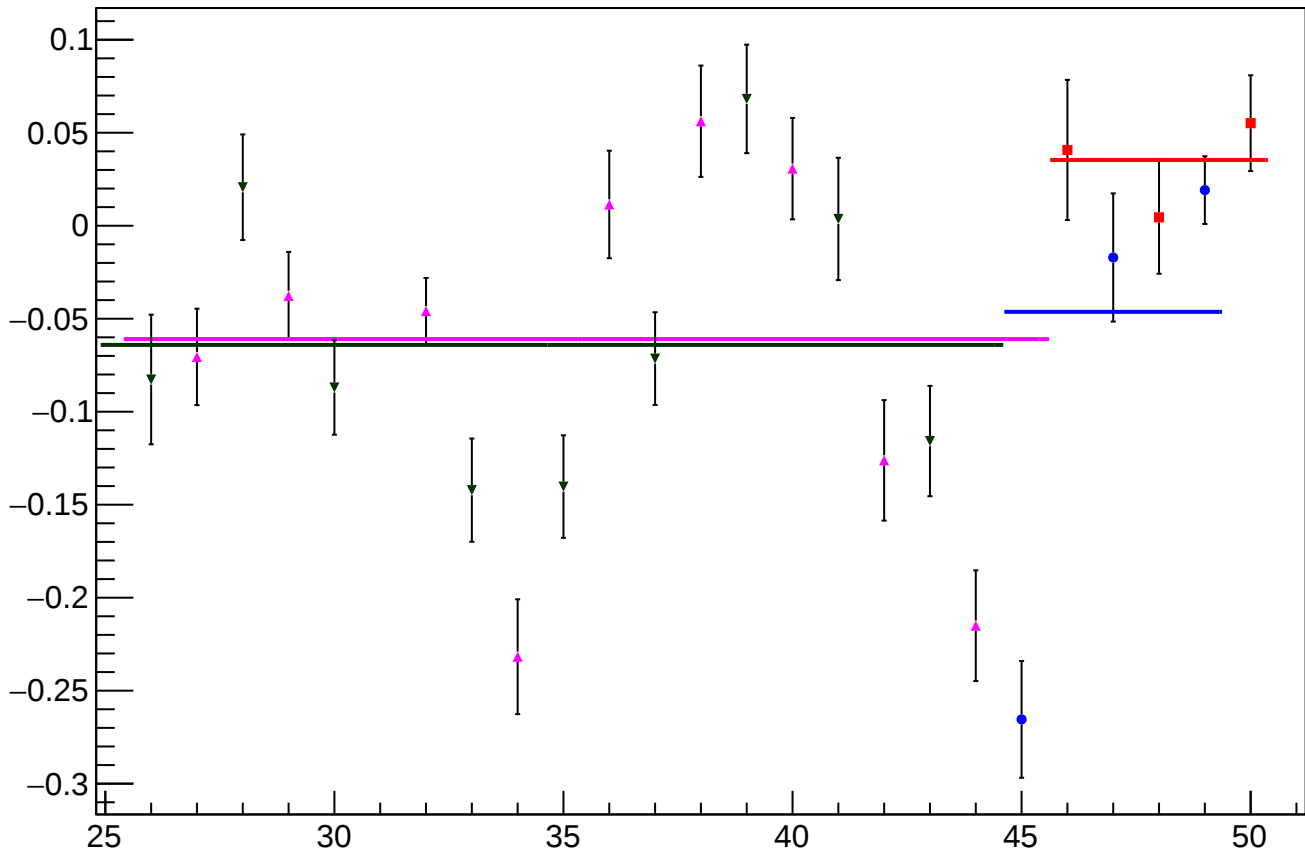
Right Out: 0.000 ± 0.003 χ^2/NDF : 2.0/2

Left In: 0.002 ± 0.002 χ^2/NDF : 272.2/8

-0.006 ± 0.002 χ^2/NDF : 281.4/11

0.002 ± 0.002 χ^2/NDF : 274.6/11

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.046 ± 0.014 $\chi^2/\text{NDF}: 62.3/2$

Left Out: -0.064 ± 0.010 $\chi^2/\text{NDF}: 53.5/8$

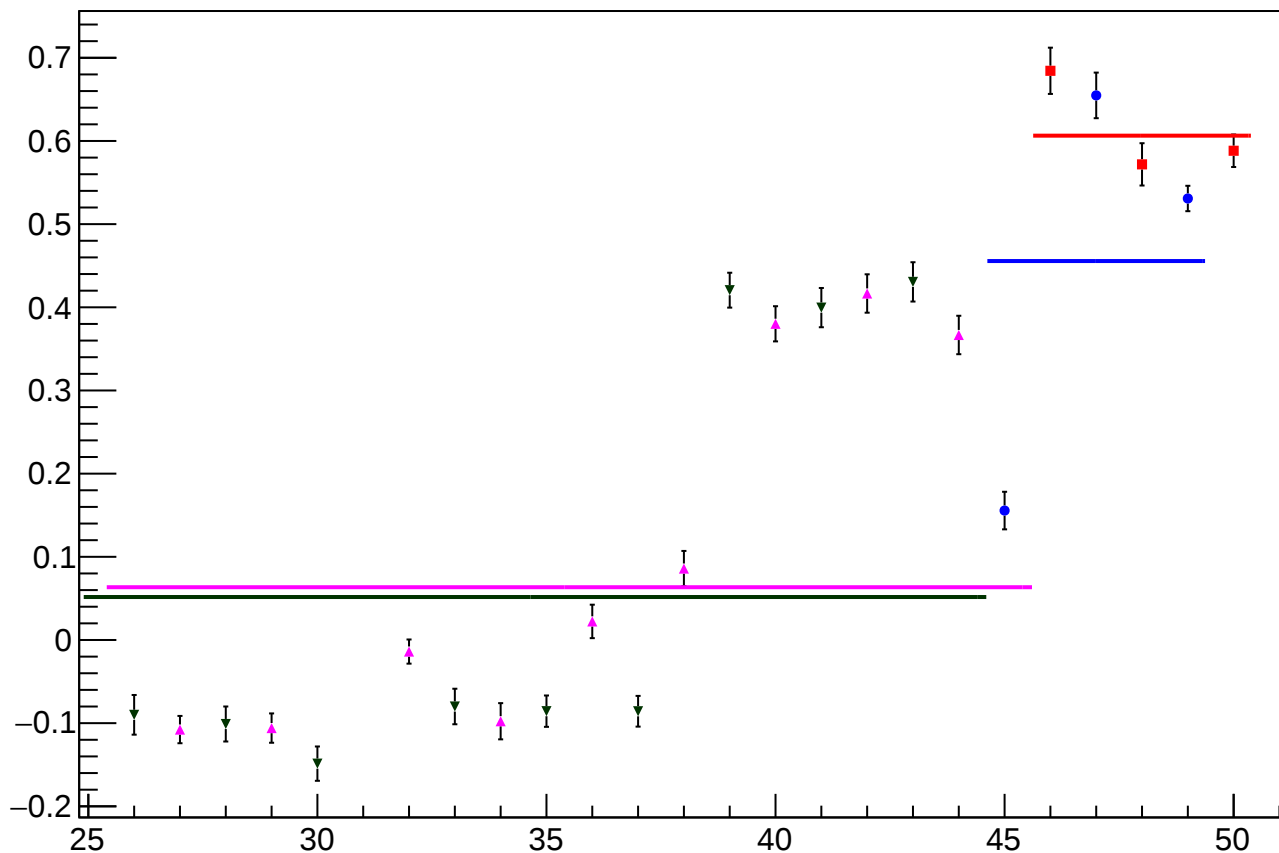
Right Out: 0.035 ± 0.017 $\chi^2/\text{NDF}: 1.6/2$

Left In: -0.061 ± 0.009 $\chi^2/\text{NDF}: 96.2/8$

-0.059 ± 0.008 $\chi^2/\text{NDF}: 116.9/11$

-0.042 ± 0.008 $\chi^2/\text{NDF}: 122.4/11$

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

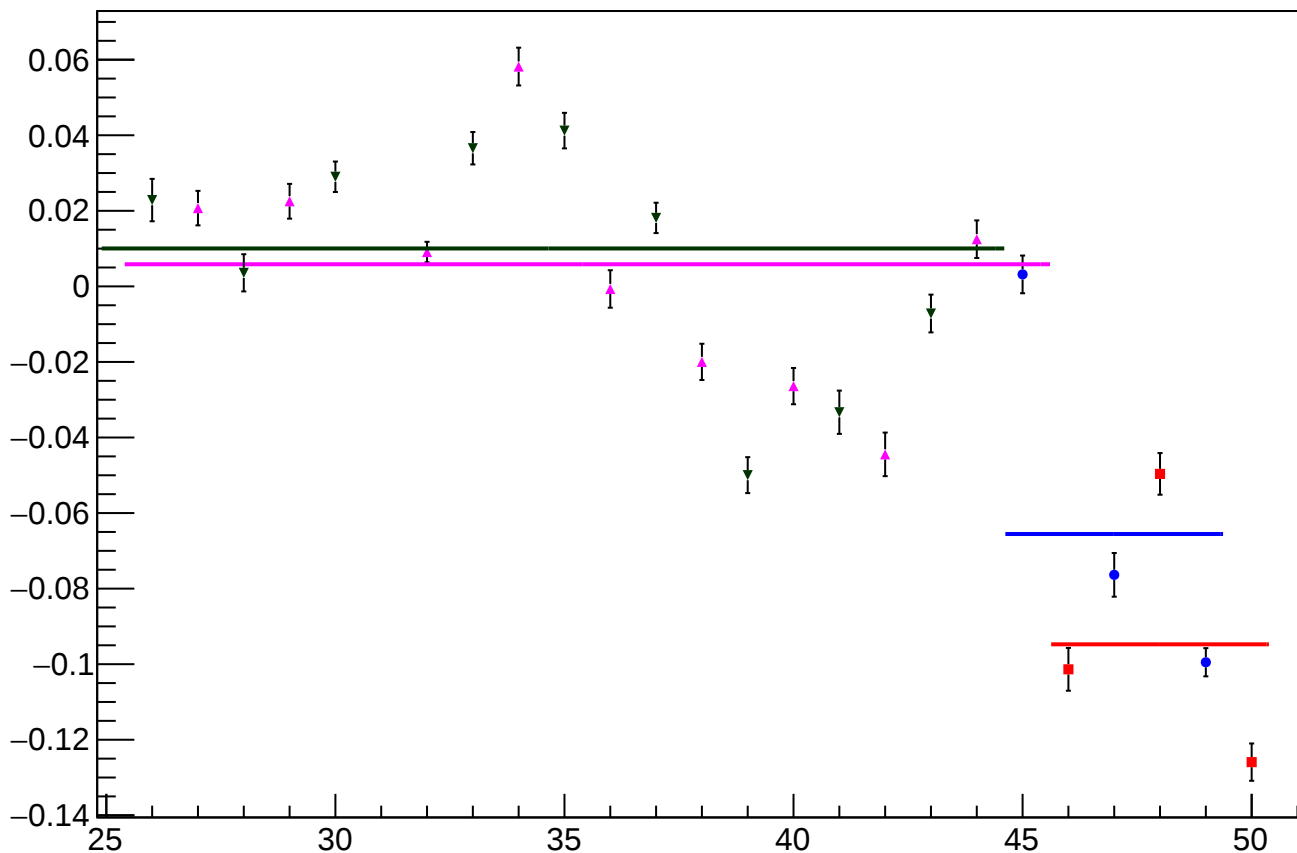
Right Out: 0.606 $\pm$ 0.014 χ^2 /NDF: 10.6/2

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:919.9/8

0.162 $\pm$ 0.006 χ^2 /NDF: 2264.7/11

0.162 $\pm$ 0.006 χ^2 /NDF: 2245.1/11

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.066 ± 0.003 χ^2/NDF : 275.8/2

Left Out: 0.010 ± 0.002 χ^2/NDF : 343.5/8

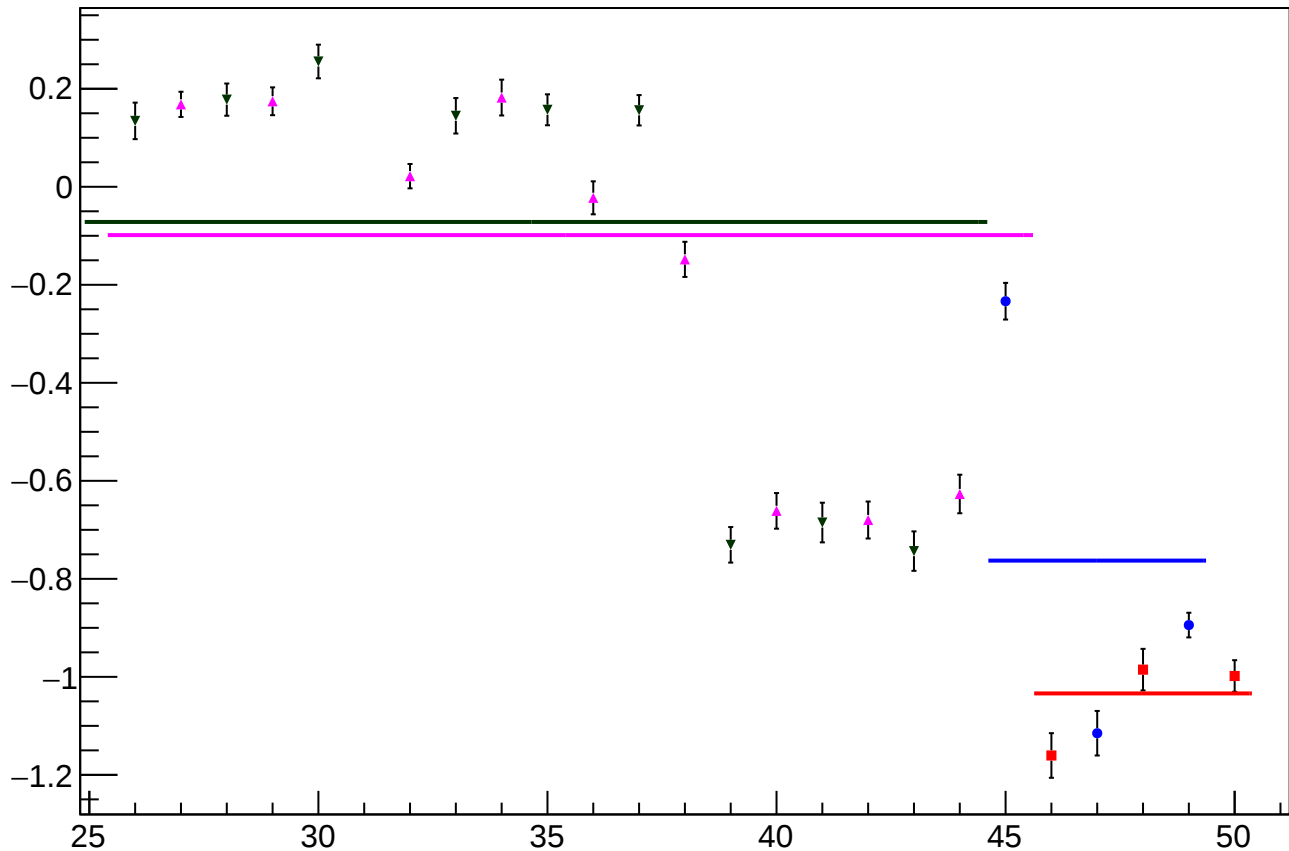
Right Out: -0.095 ± 0.003 χ^2/NDF : 108.2/2

Left In: 0.006 ± 0.001 χ^2/NDF : 288.4/8

-0.009 ± 0.001 χ^2/NDF : 1221.5/11

-0.013 ± 0.001 χ^2/NDF : 1265.4/11

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.763+/-0.019 χ^2/NDF : 287.6/2

Left Out: -0.072+/-0.012 χ^2/NDF : 1160.0/8

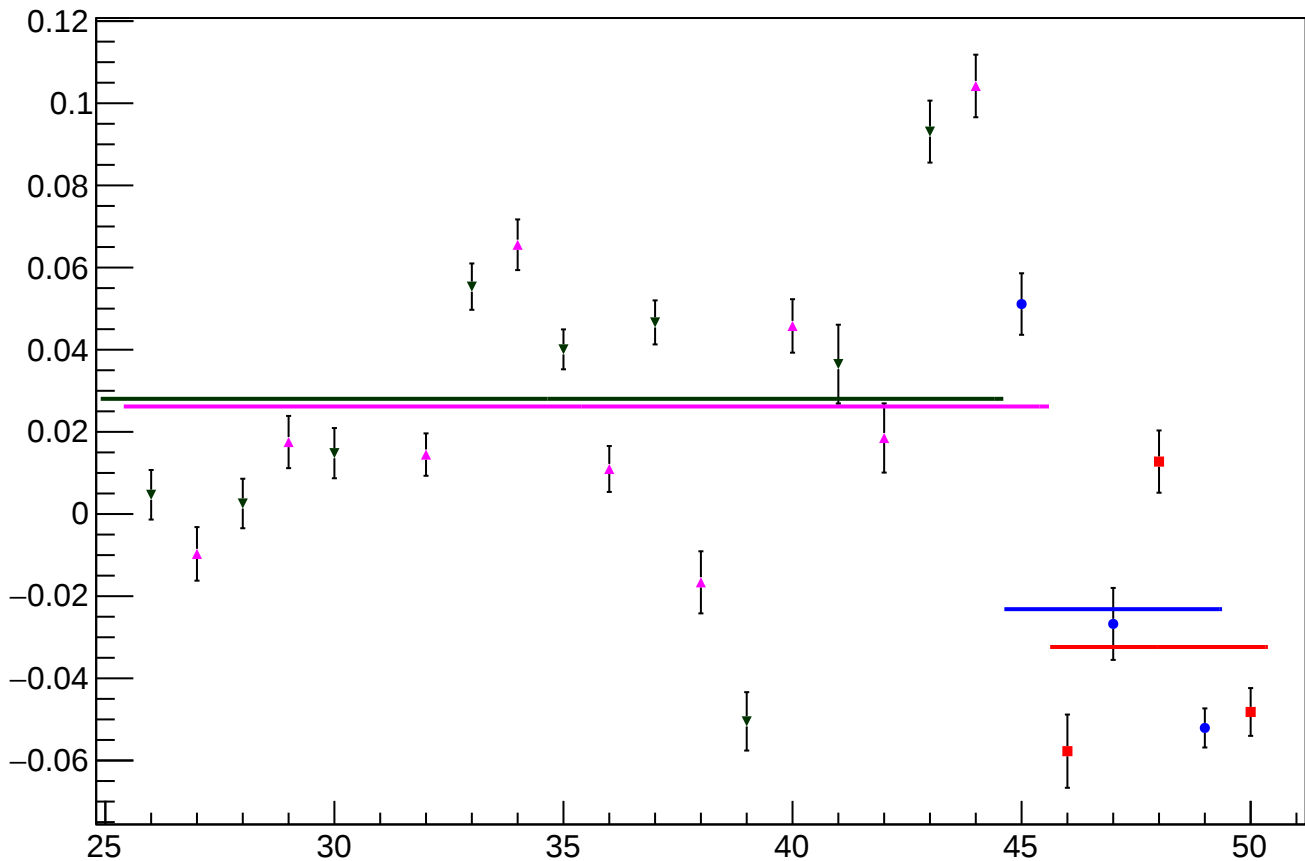
Right Out: -1.034+/-0.022 χ^2/NDF : 10.3/2

Left In: -0.099+/-0.011 χ^2/NDF : 947.3/8

-0.262+/-0.010 χ^2/NDF : 2408.5/11

-0.270+/-0.010 χ^2/NDF : 2384.4/11

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.023+/-0.004 χ^2/NDF : 135.4/2

Left Out: 0.028+/-0.002 χ^2/NDF : 276.2/8

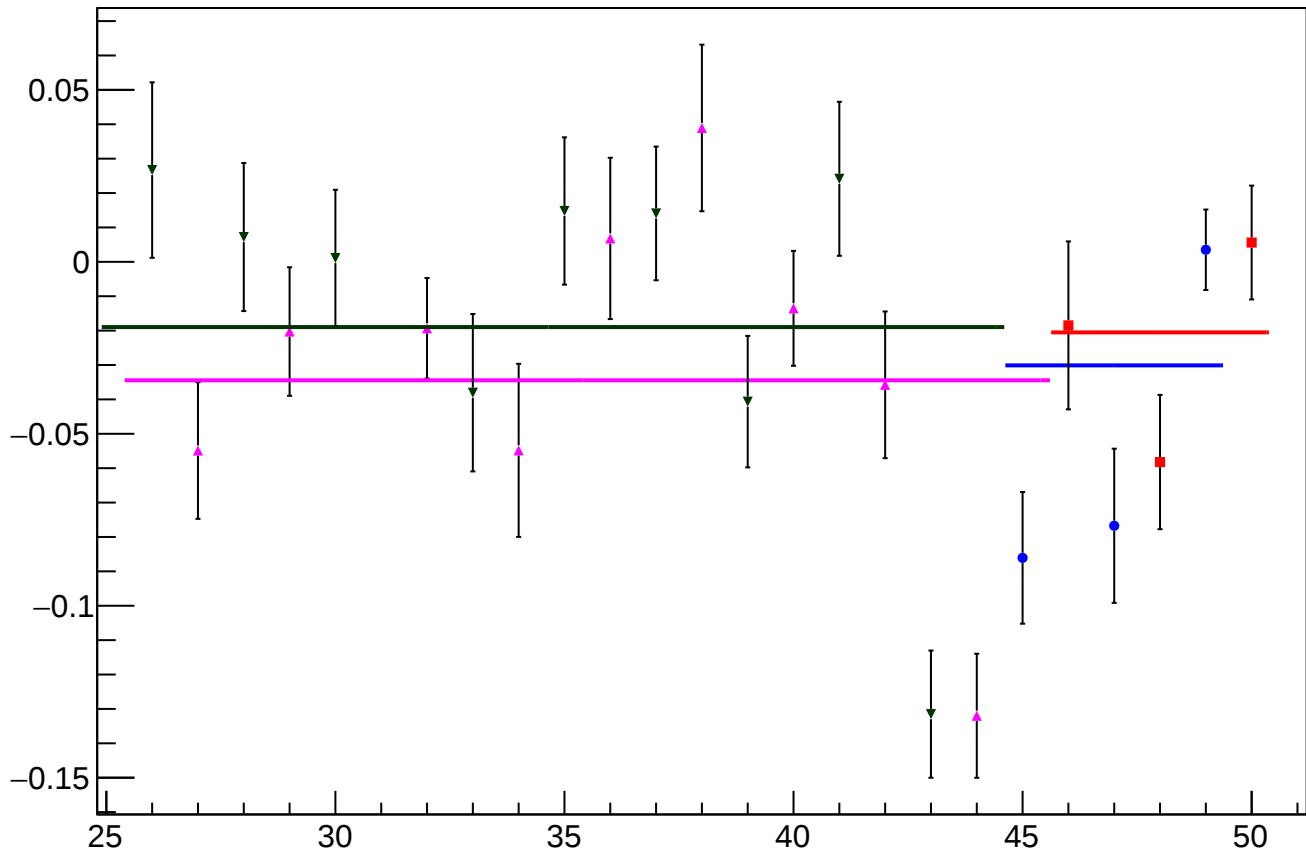
Right Out: -0.032+/-0.004 χ^2/NDF : 51.0/2

Left In: 0.026+/-0.002 χ^2/NDF : 232.3/8

0.016+/-0.002 χ^2/NDF : 561.3/11

0.014+/-0.002 χ^2/NDF : 443.3/11

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.030+/-0.009 χ^2/NDF : 21.1/2

Left Out: -0.019+/-0.007 χ^2/NDF : 53.8/8

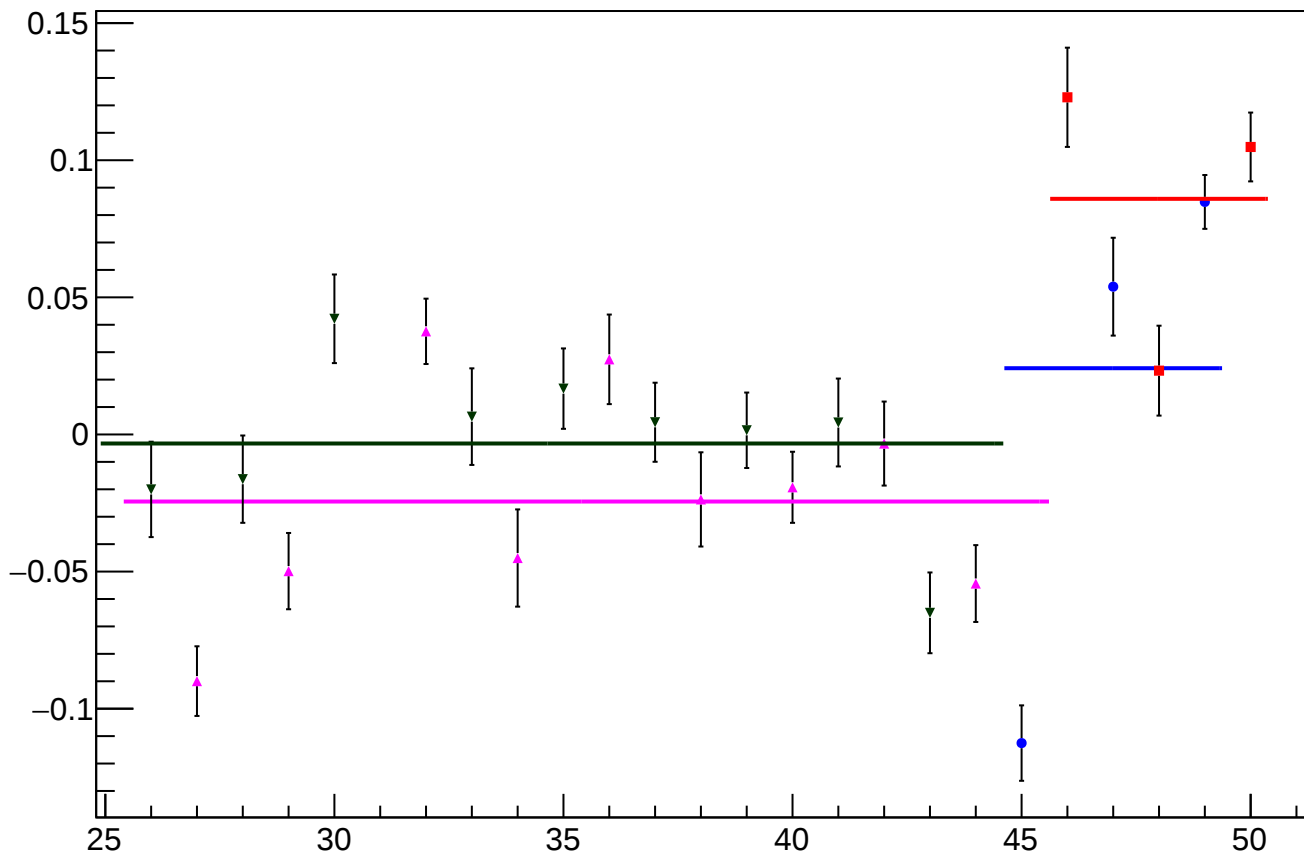
Right Out: -0.021+/-0.011 χ^2/NDF : 6.2/2

Left In: -0.034+/-0.006 χ^2/NDF : 46.4/8

-0.023+/-0.006 χ^2/NDF : 75.9/11

-0.031+/-0.006 χ^2/NDF : 53.8/11

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.024 ± 0.007 $\chi^2/\text{NDF}: 139.7/2$

Left Out: -0.003 ± 0.005 $\chi^2/\text{NDF}: 29.9/8$

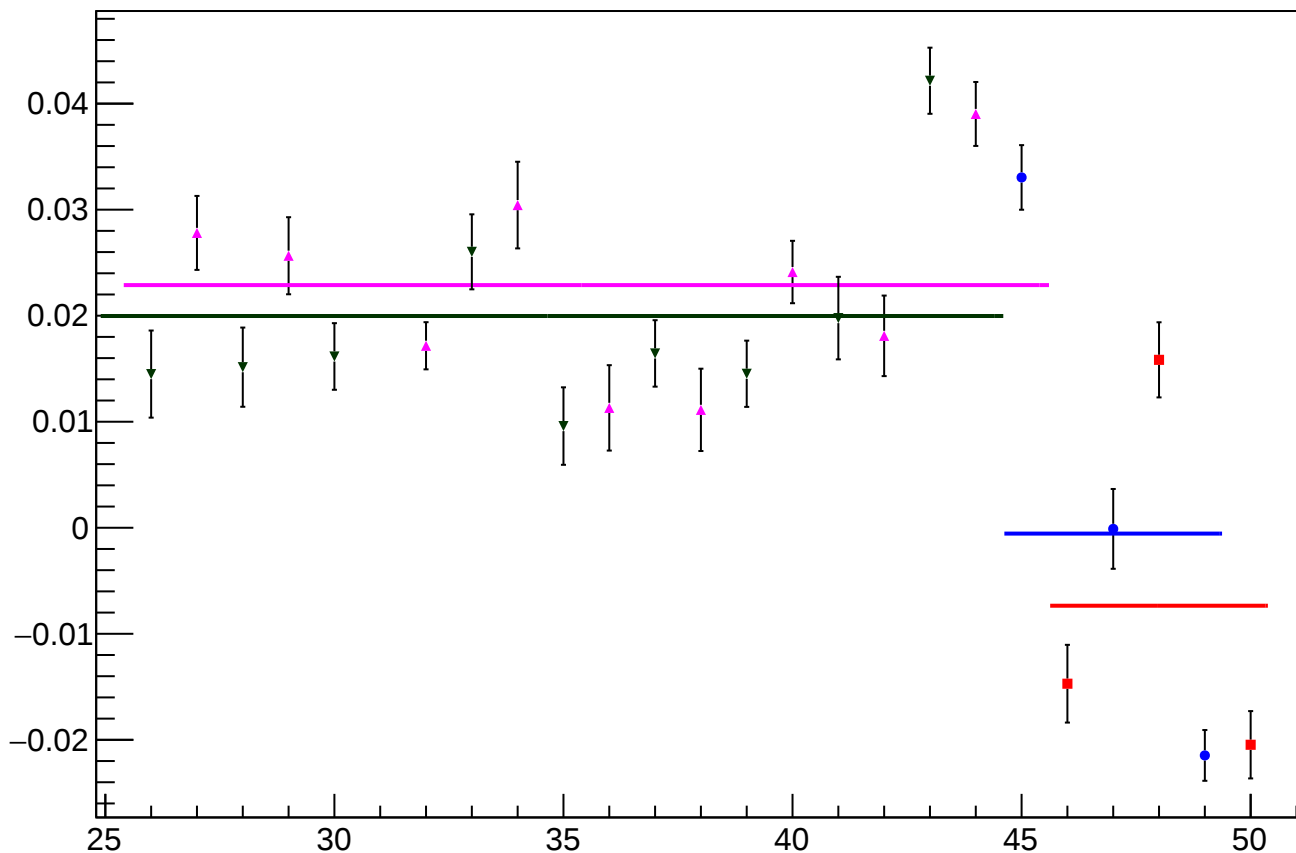
Right Out: 0.086 ± 0.009 $\chi^2/\text{NDF}: 21.1/2$

Left In: -0.024 ± 0.005 $\chi^2/\text{NDF}: 75.1/8$

0.006 ± 0.004 $\chi^2/\text{NDF}: 179.1/11$

0.001 ± 0.004 $\chi^2/\text{NDF}: 219.4/11$

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001 ± 0.002 χ^2/NDF : 198.0/2

Left Out: 0.020 ± 0.001 χ^2/NDF : 70.9/8

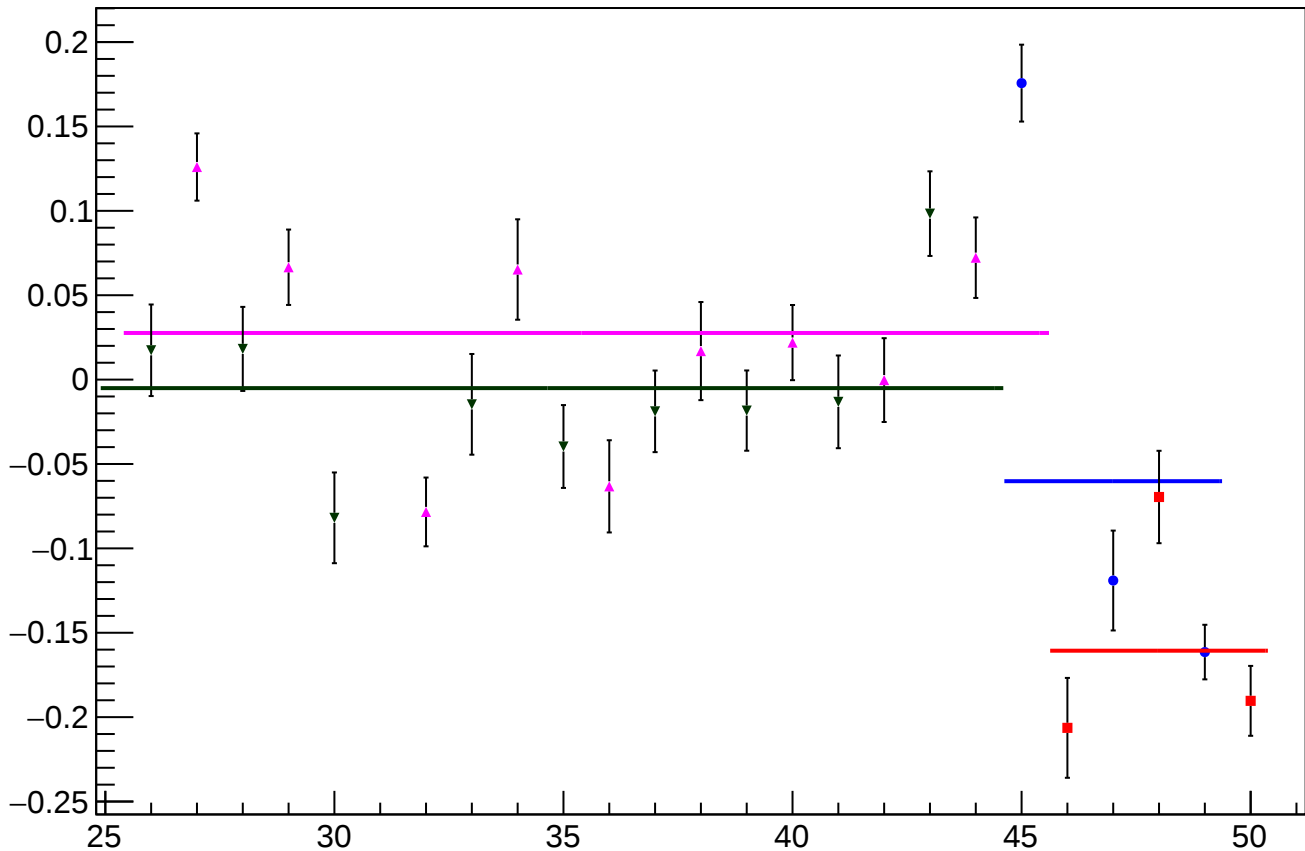
Right Out: -0.007 ± 0.002 χ^2/NDF : 63.9/2

Left In: 0.023 ± 0.001 χ^2/NDF : 60.5/8

0.013 ± 0.001 χ^2/NDF : 370.3/11

0.016 ± 0.001 χ^2/NDF : 302.5/11

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.060 ± 0.012 χ^2/NDF : 150.4/2

Left Out: -0.005 ± 0.009 χ^2/NDF : 29.5/8

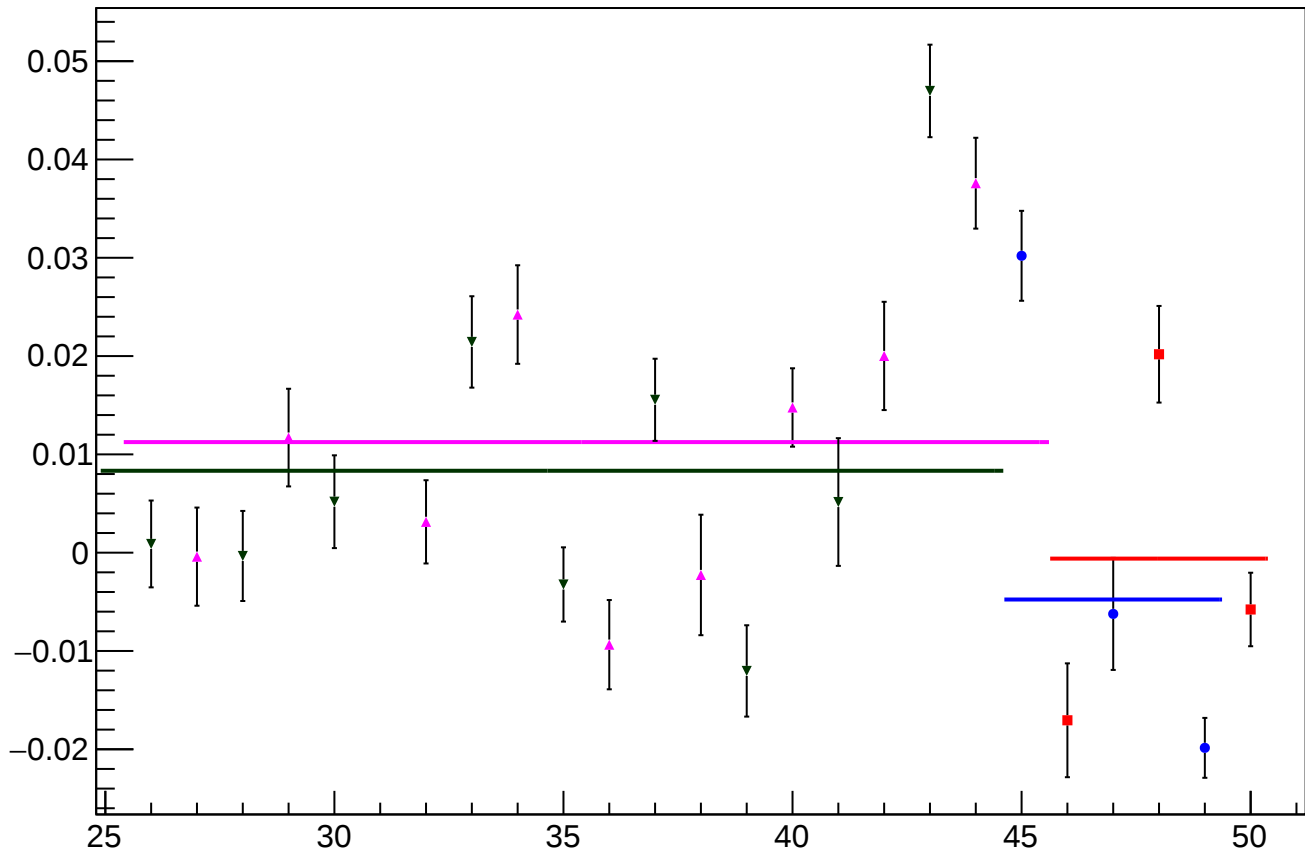
Right Out: -0.161 ± 0.014 χ^2/NDF : 15.5/2

Left In: 0.028 ± 0.008 χ^2/NDF : 72.1/8

-0.024 ± 0.007 χ^2/NDF : 193.8/11

-0.016 ± 0.007 χ^2/NDF : 218.6/11

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 83.0/2

Left Out: 0.008 $\pm$ 0.002 χ^2 /NDF:114.0/8

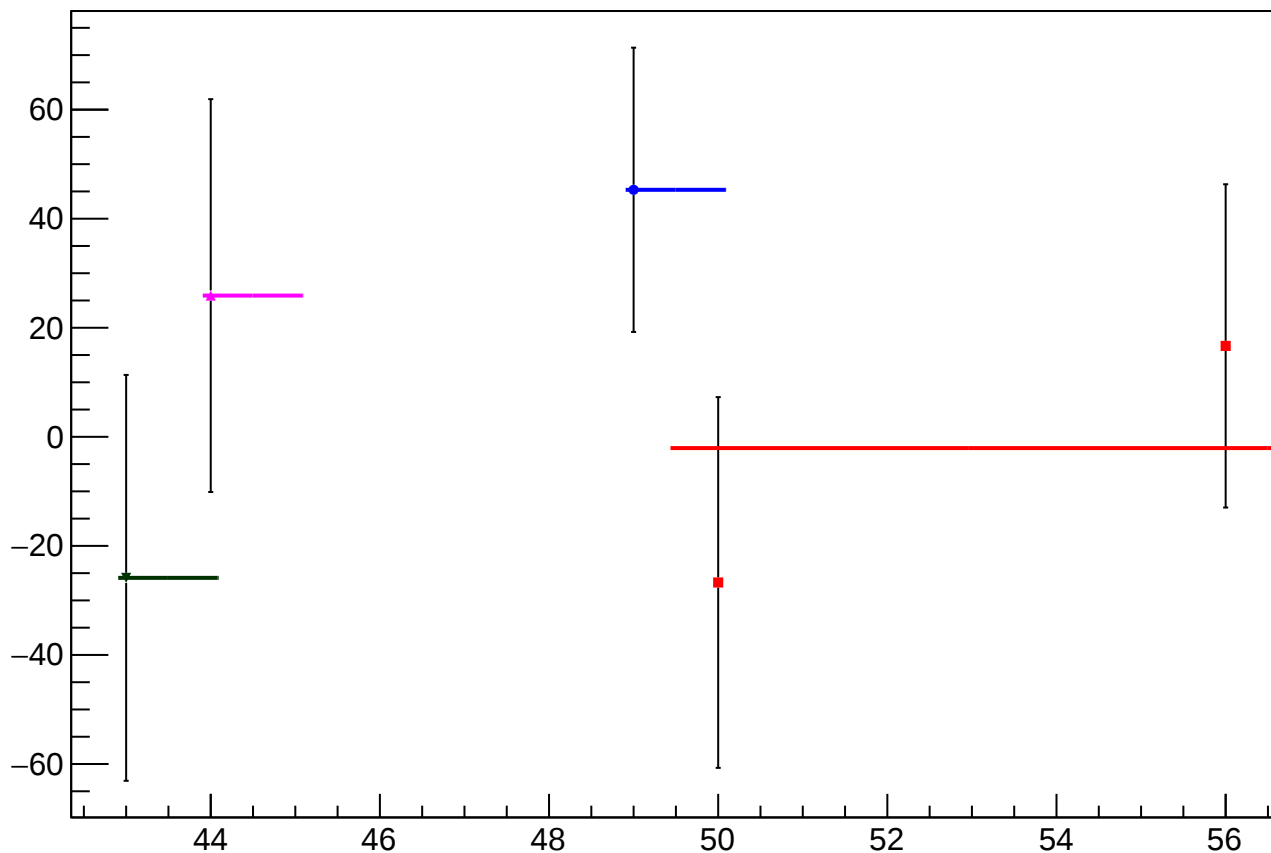
Right Out: -0.001 $\pm$ 0.003 χ^2 /NDF: 27.9/2

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:77.1/8

0.004 $\pm$ 0.001 χ^2 /NDF: 219.4/11

0.008 $\pm$ 0.001 χ^2 /NDF: 119.7/11

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

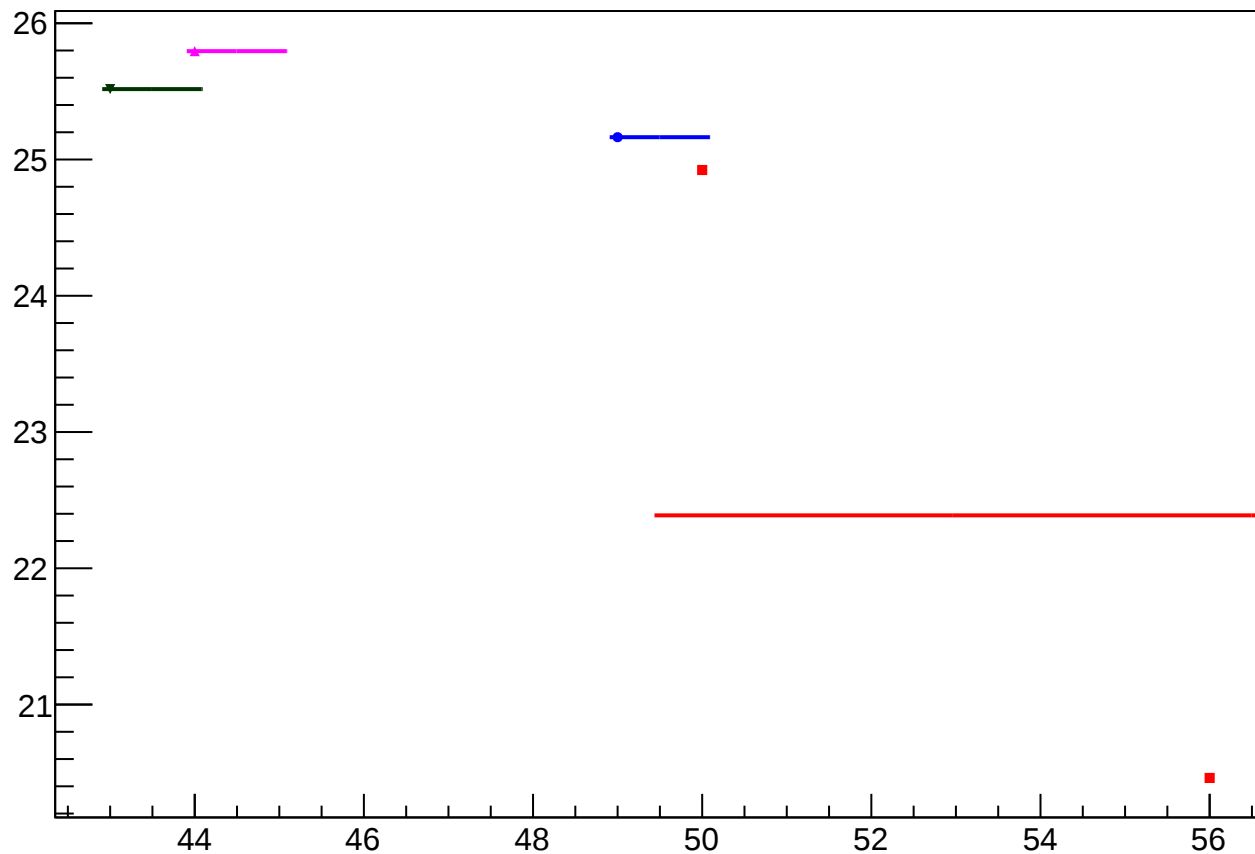
Right Out: -2.065 $\pm$ 22.341 χ^2 /NDF: 0.9/1

Left In: 25.900 $\pm$ 36.022 χ^2 /NDF: 0.0/0

21.879 $\pm$ 21.349 χ^2 /NDF: 2.5/1

5.703 $\pm$ 18.986 χ^2 /NDF: 1.4/2

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 25.164±/0.018 χ^2 /NDF: 0.0/0

Left Out: 25.517±/0.026 χ^2 /NDF:0.0/0

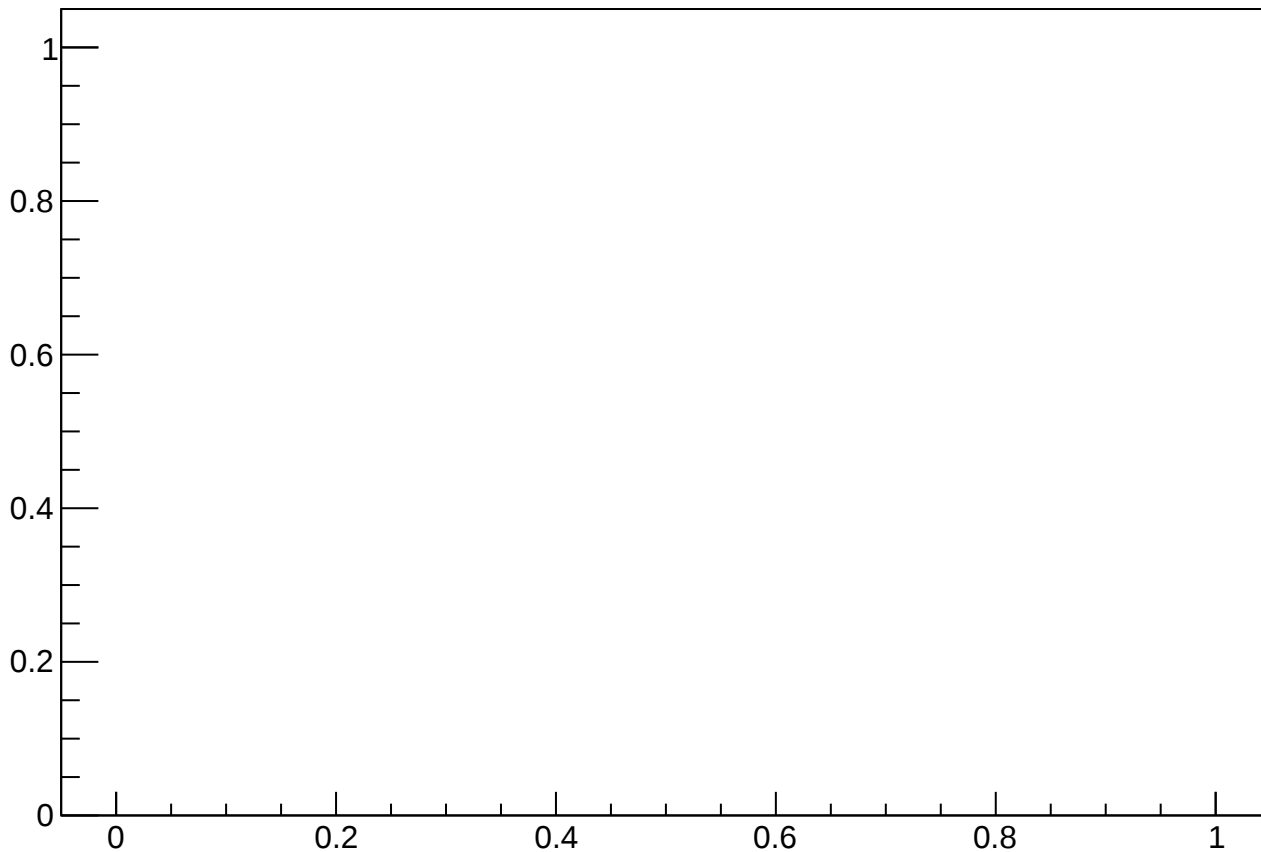
Right Out: 22.388±/0.016 χ^2 /NDF: 19571.5/1

Left In: 25.795±/0.025 χ^2 /NDF:0.0/0

25.280±/0.015 χ^2 /NDF: 120.7/1

23.335±/0.013 χ^2 /NDF: 32491.4/2

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

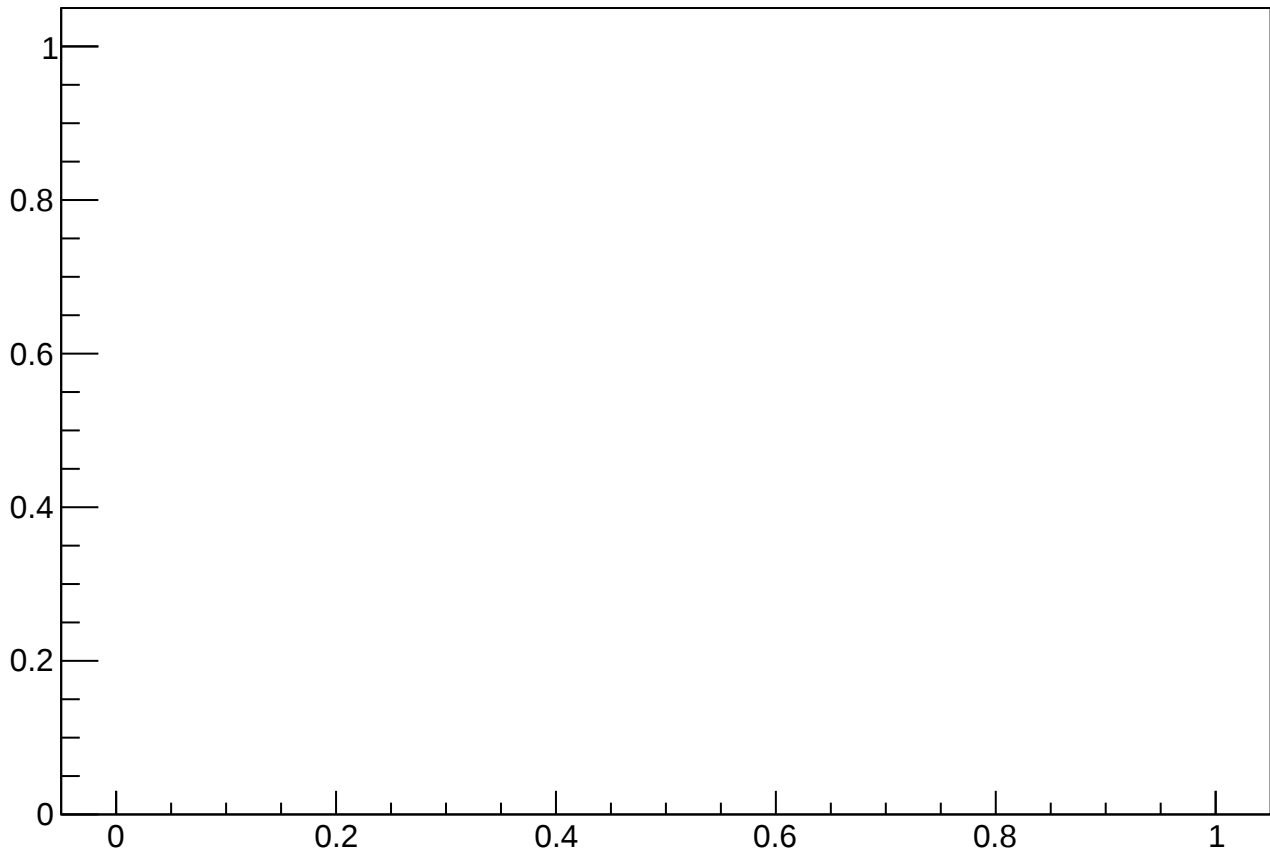
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

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

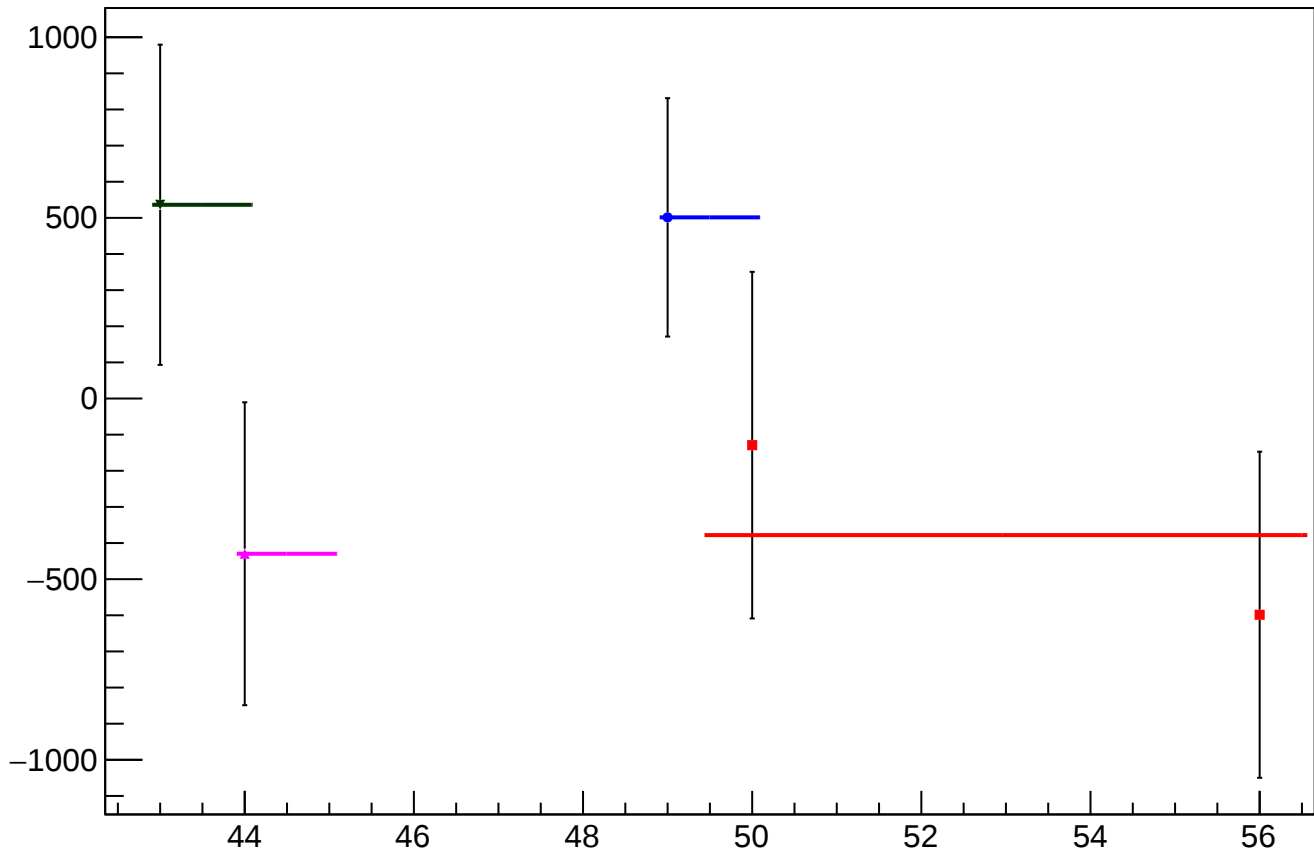
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

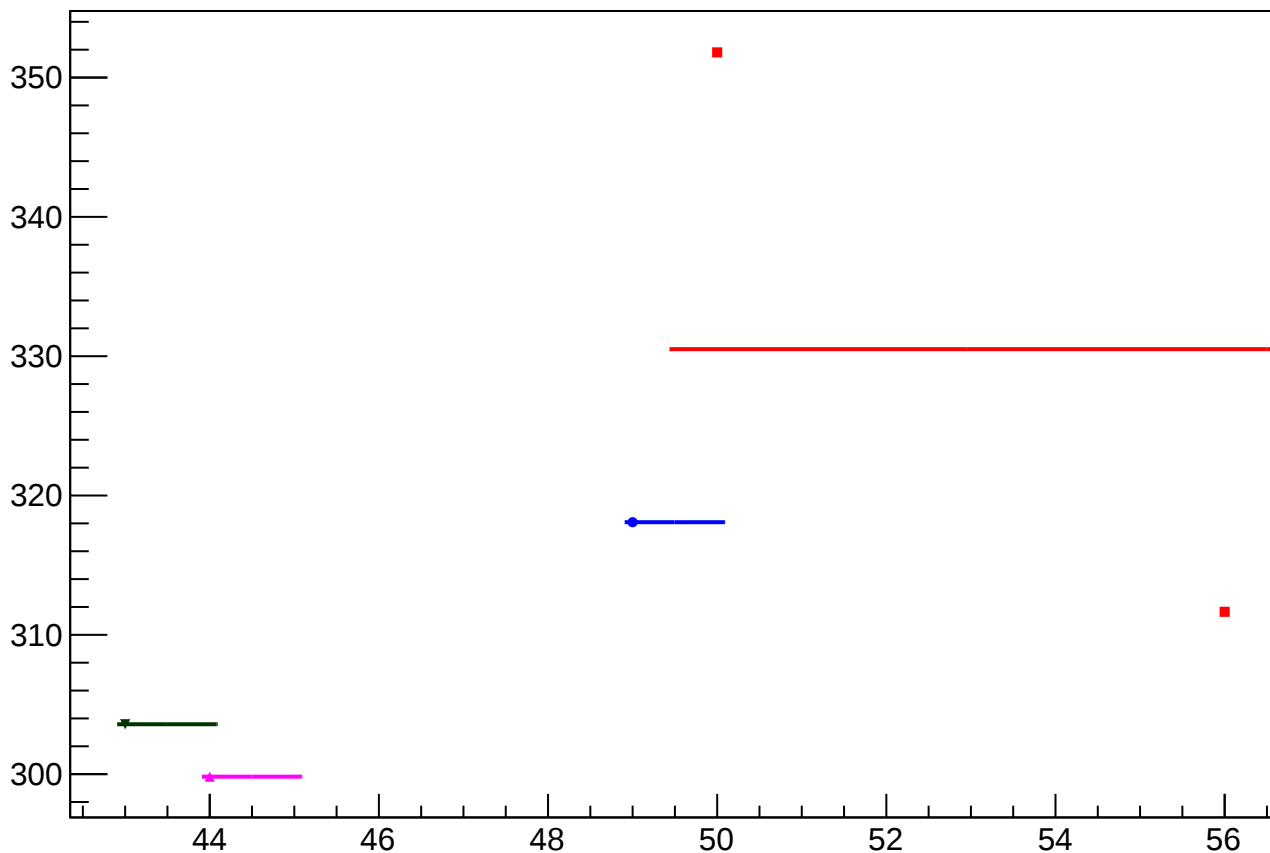
asym_us_agg_avg_mean vs slug



Right In: 501.422+/-329.967 χ^2/NDF : 0.0/0
 Left Out: 536.234+/-443.159 χ^2/NDF : 0.0/0
 Right Out: -378.067+/-328.695 χ^2/NDF : 0.5/1
 Left In: -429.667+/-419.215 χ^2/NDF : 0.0/0

513.838+/-264.660 χ^2/NDF : 0.0/1
 -397.712+/-258.665 χ^2/NDF : 0.5/2

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

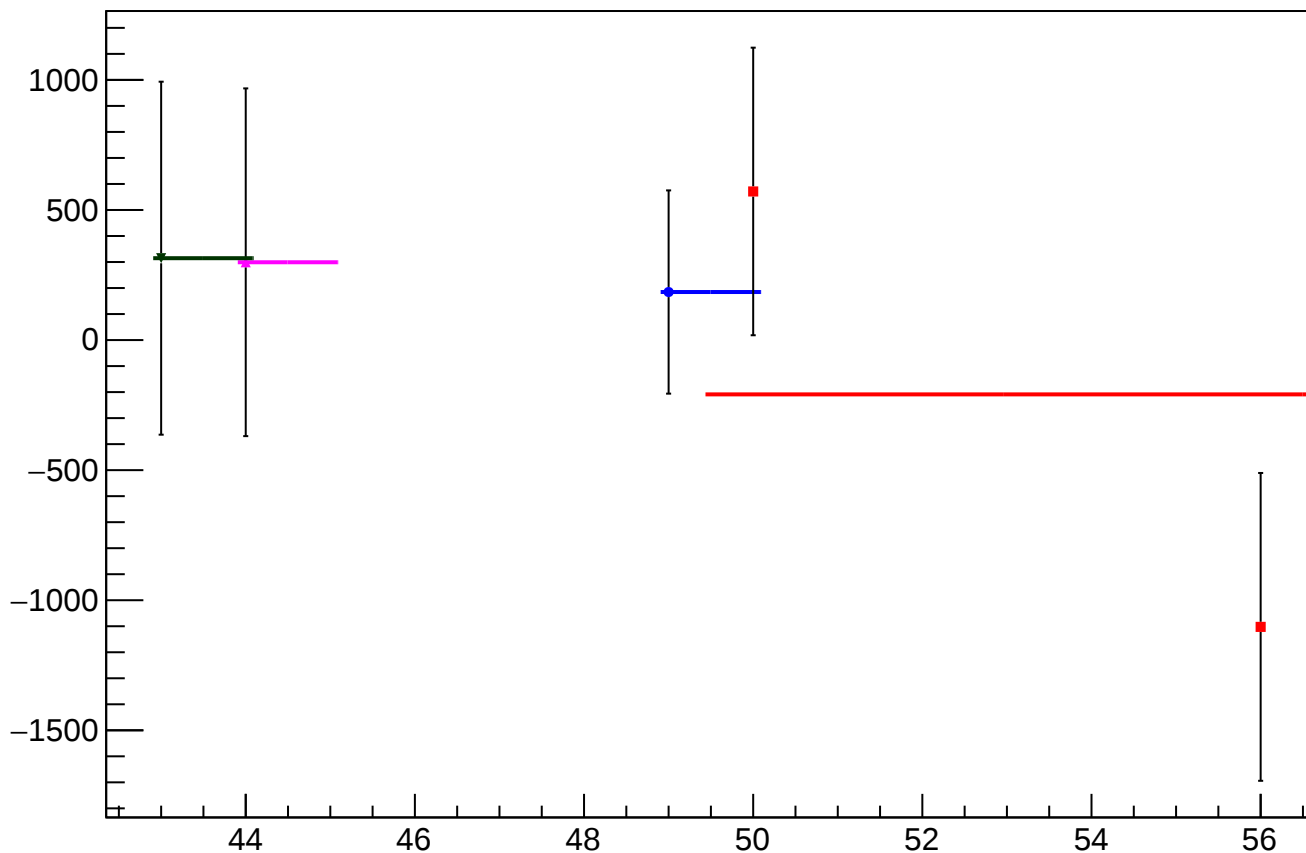
Right Out: 330.505 $\pm$ 0.232 χ^2 /NDF: 7433.4/1

Left In: 299.820 $\pm$ 0.296 χ^2 /NDF: 0.0/0

312.912 $\pm$ 0.187 χ^2 /NDF: 1377.8/1

318.823 $\pm$ 0.183 χ^2 /NDF: 14069.3/2

asym_us_agg_dd_mean vs slug



Right In: 184.671 $\pm$ 390.606 χ^2 /NDF: 0.0/0

Left Out: 314.697 $\pm$ 678.402 χ^2 /NDF: 0.0/0

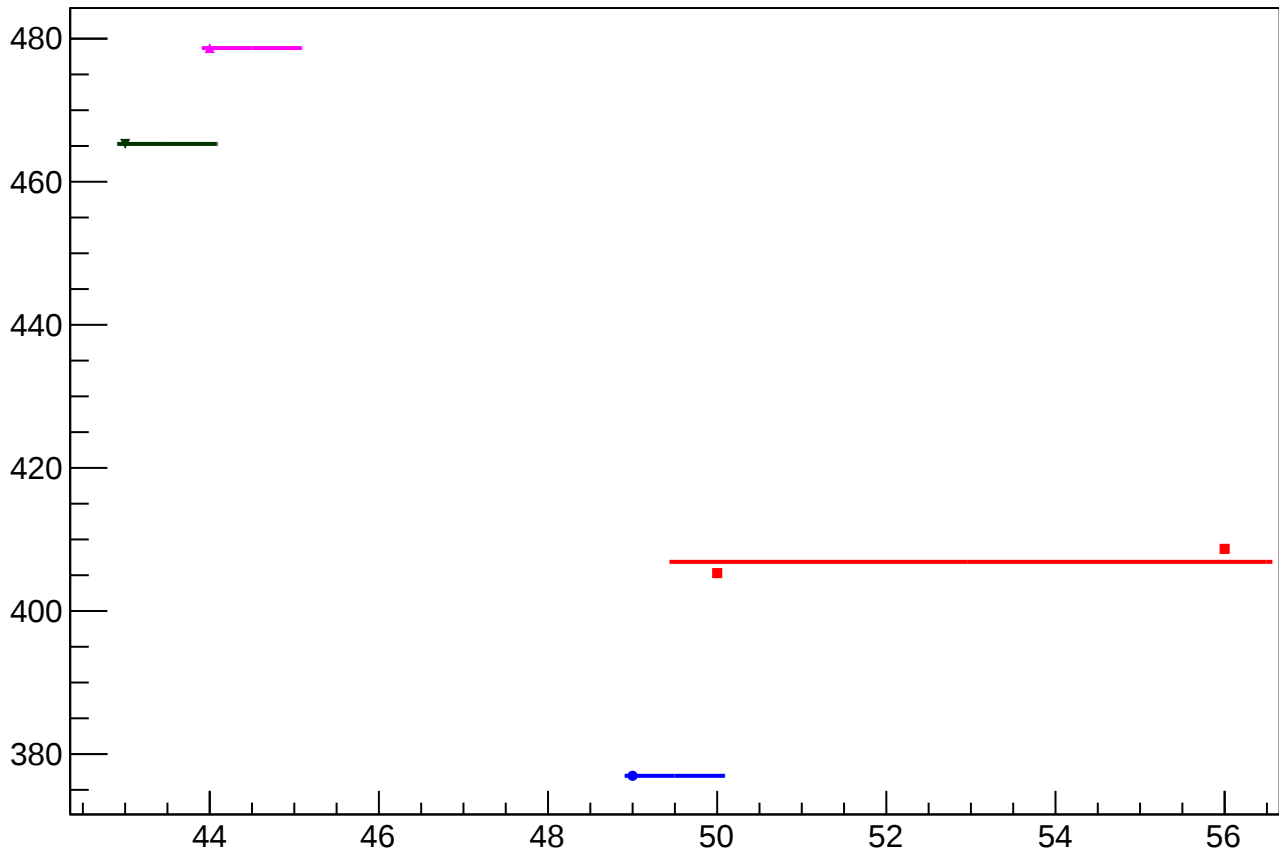
Right Out: -208.787 $\pm$ 403.874 χ^2 /NDF: 4.3/1

Left In: 299.068 $\pm$ 668.301 χ^2 /NDF: 0.0/0

217.045 $\pm$ 338.505 χ^2 /NDF: 0.0/1

-72.929 $\pm$ 345.657 χ^2 /NDF: 4.7/2

asym_us_agg_dd_rms vs slug



Right In: 376.960 ± 0.276 χ^2/NDF : 0.0/0

Left Out: 465.287 ± 0.480 χ^2/NDF : 0.0/0

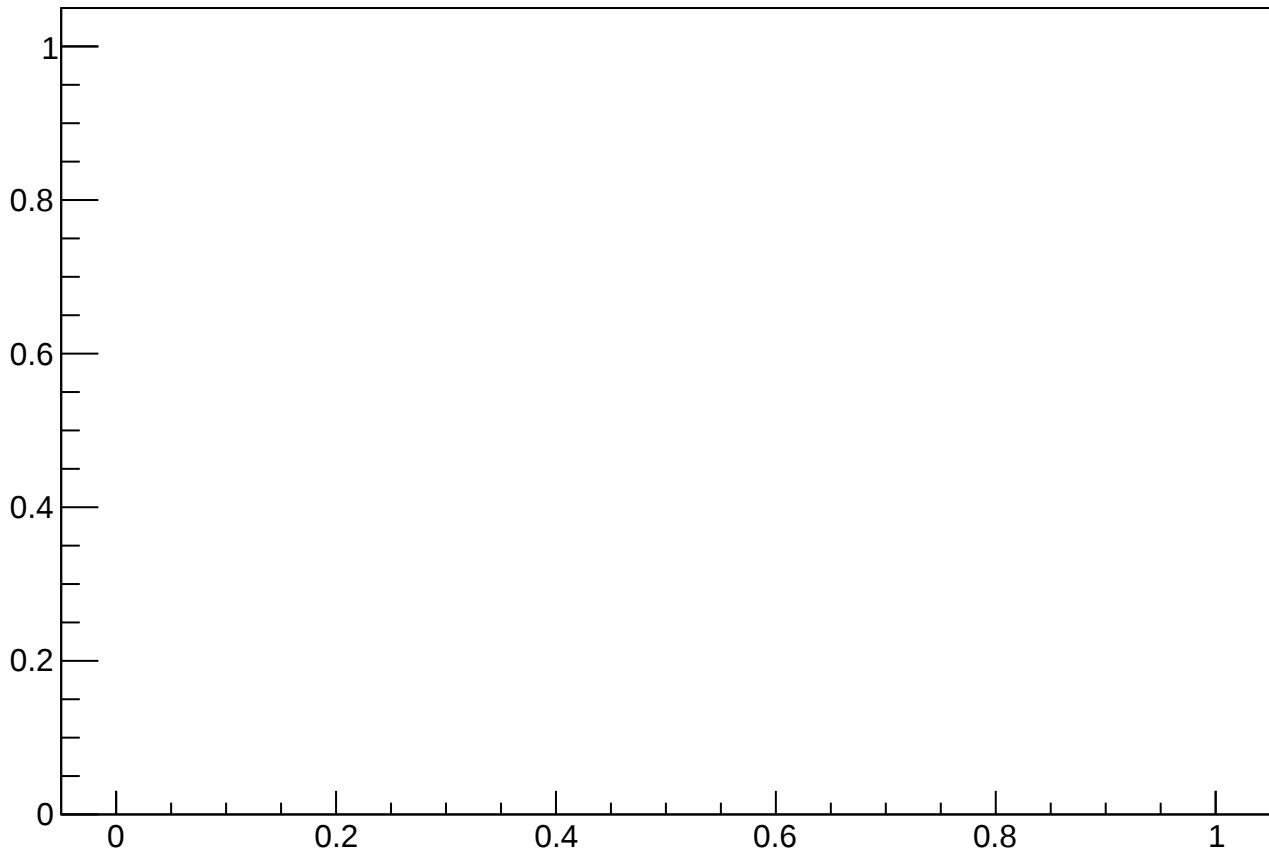
Right Out: 406.873 ± 0.286 χ^2/NDF : 35.0/1

Left In: 478.688 ± 0.473 χ^2/NDF : 0.0/0

398.952 ± 0.239 χ^2/NDF : 25462.0/1

426.085 ± 0.244 χ^2/NDF : 16951.3/2

asym_ds_agg_avg_mean vs slug



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

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

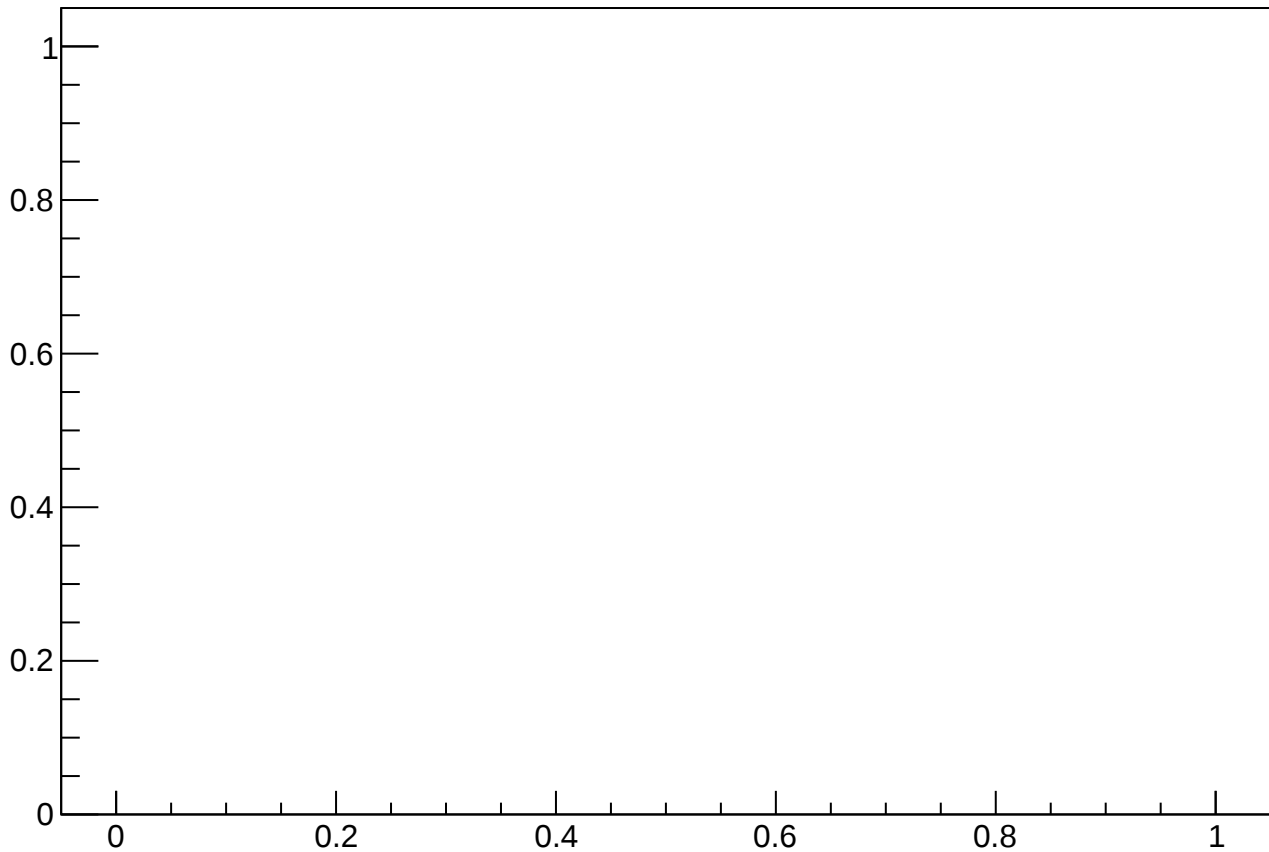
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_avg_rms vs slug



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

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

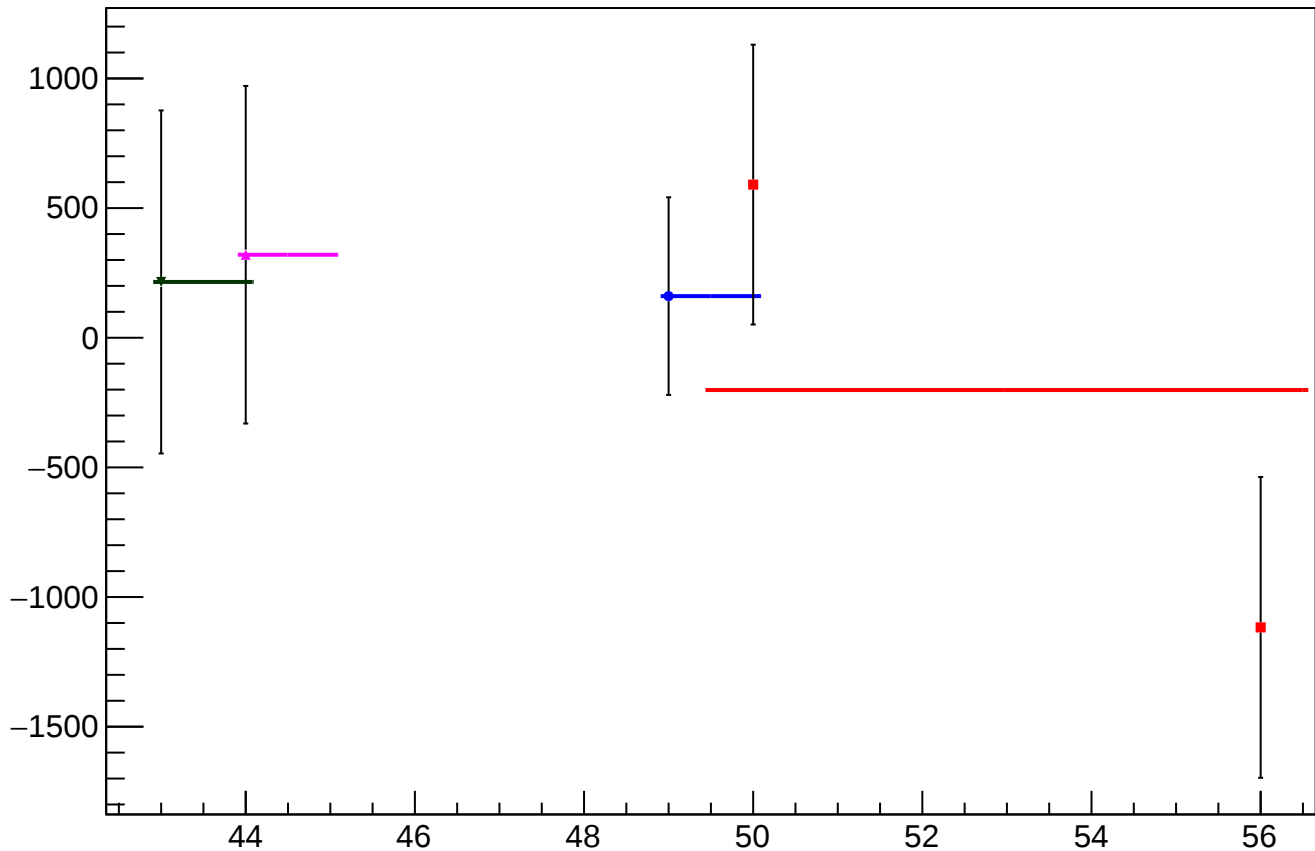
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_mean vs slug



Right In: 160.558+/-381.176 χ^2/NDF : 0.0/0

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

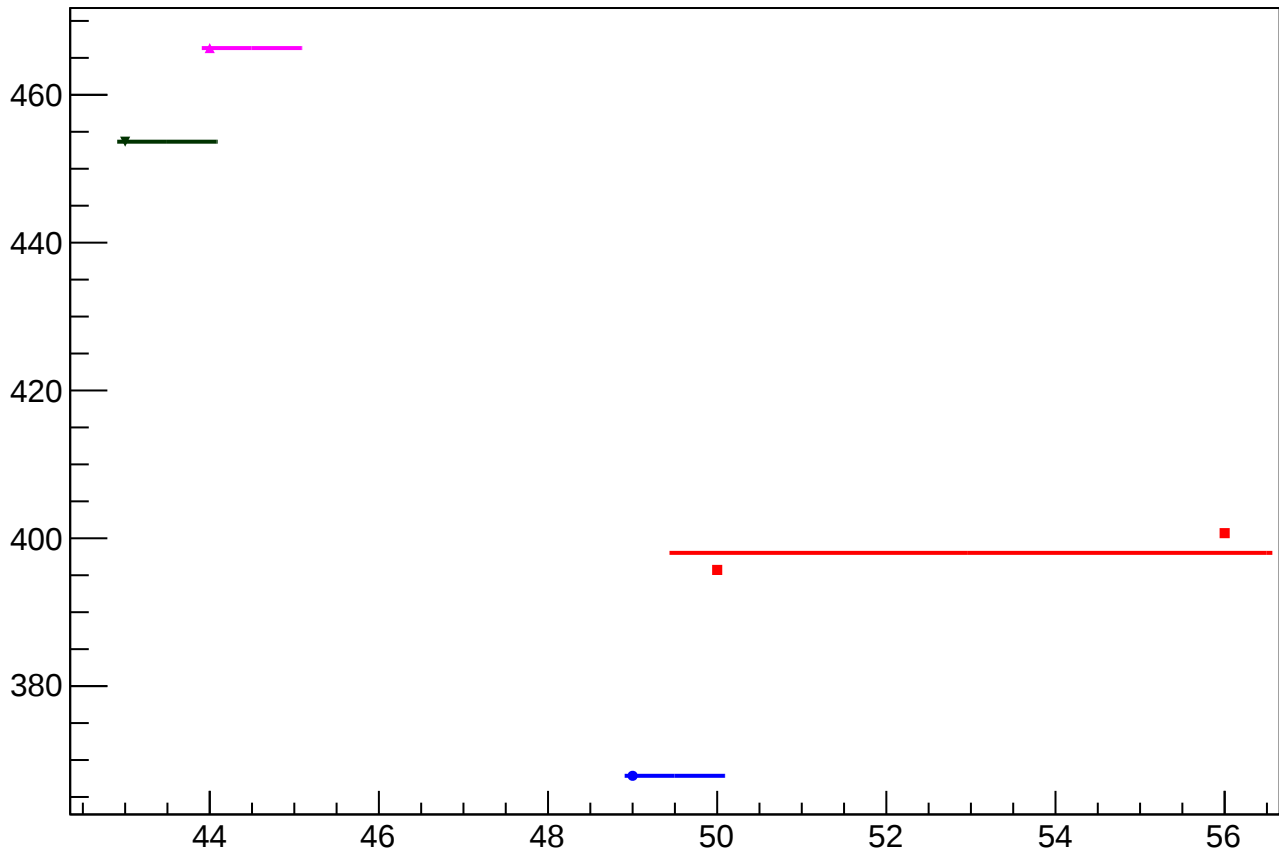
Right Out: -201.649+/-395.100 χ^2/NDF : 4.6/1

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

174.187+/-330.261 χ^2/NDF : 0.0/1

-61.196+/-337.767 χ^2/NDF : 5.1/2

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

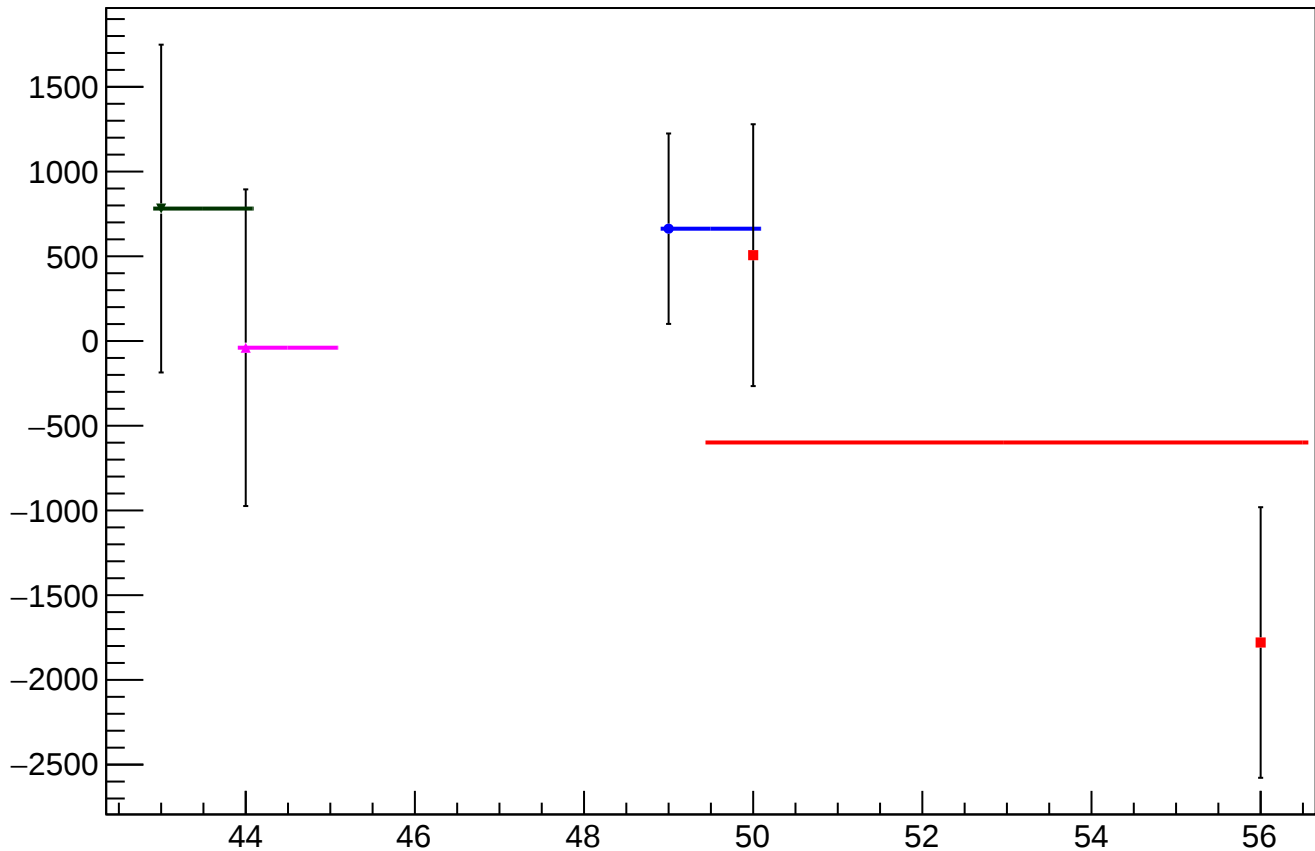
Right Out: 398.028 $\pm$ 0.279 χ^2 /NDF: 78.9/1

Left In: 466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

389.254 $\pm$ 0.234 χ^2 /NDF: 25260.7/1

416.412 $\pm$ 0.239 χ^2 /NDF: 16165.3/2

asym_left_agg_avg_mean vs slug



Right In: 662.810+/-561.914 χ^2/NDF : 0.0/0

Left Out: 781.614+/-967.286 χ^2/NDF : 0.0/0

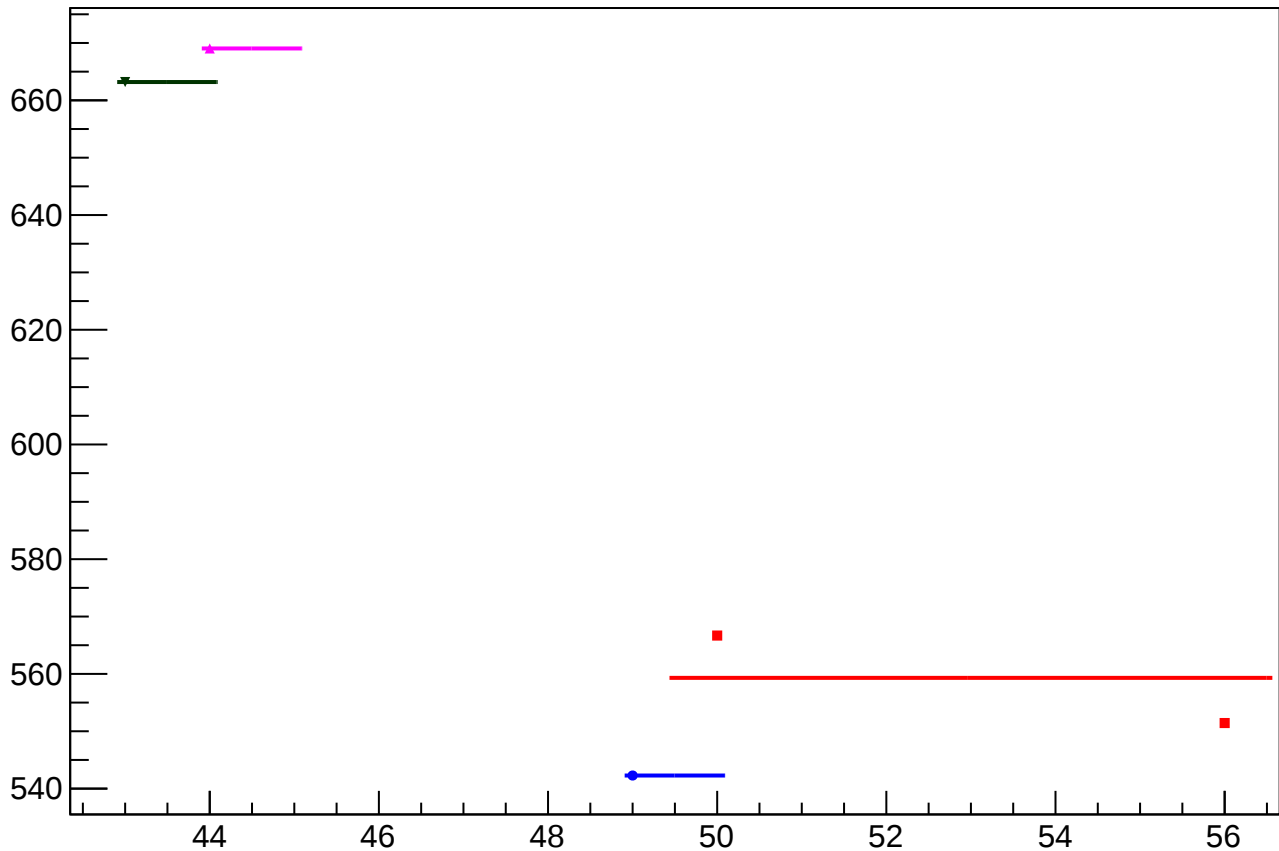
Right Out: -598.839+/-555.271 χ^2/NDF : 4.2/1

Left In: -39.508+/-934.410 χ^2/NDF : 0.0/0

692.786+/-485.880 χ^2/NDF : 0.0/1

-452.869+/-477.348 χ^2/NDF : 4.5/2

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

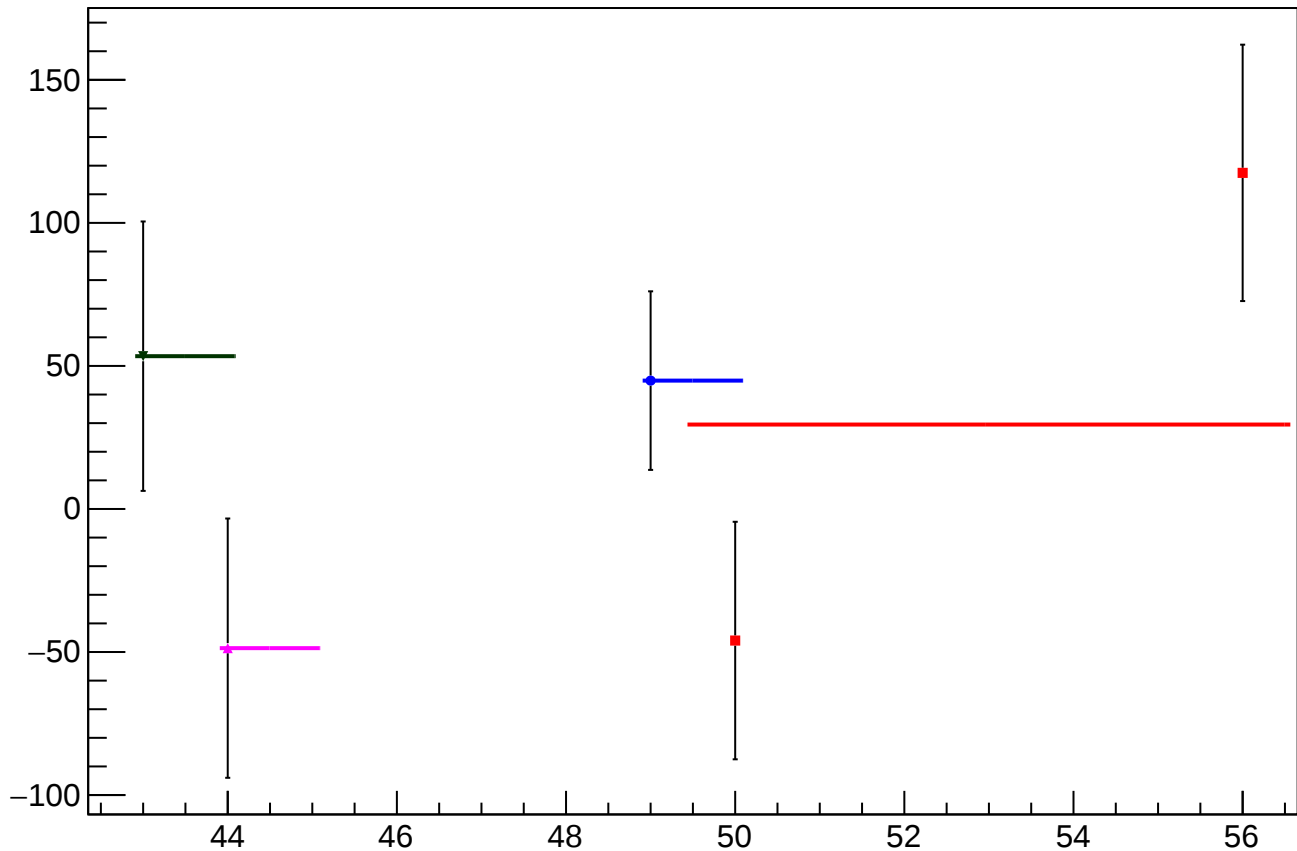
Right Out: 559.310+/-0.393 χ^2/NDF : 376.8/1

Left In: 669.043+/-0.661 χ^2/NDF : 0.0/0

572.790+/-0.344 χ^2/NDF : 23363.5/1

587.947+/-0.338 χ^2/NDF : 20761.0/2

asym_left_agg_dd_mean vs slug



Right In: 44.868+/-31.210 χ^2/NDF : 0.0/0

Left Out: 53.407+/-47.084 χ^2/NDF : 0.0/0

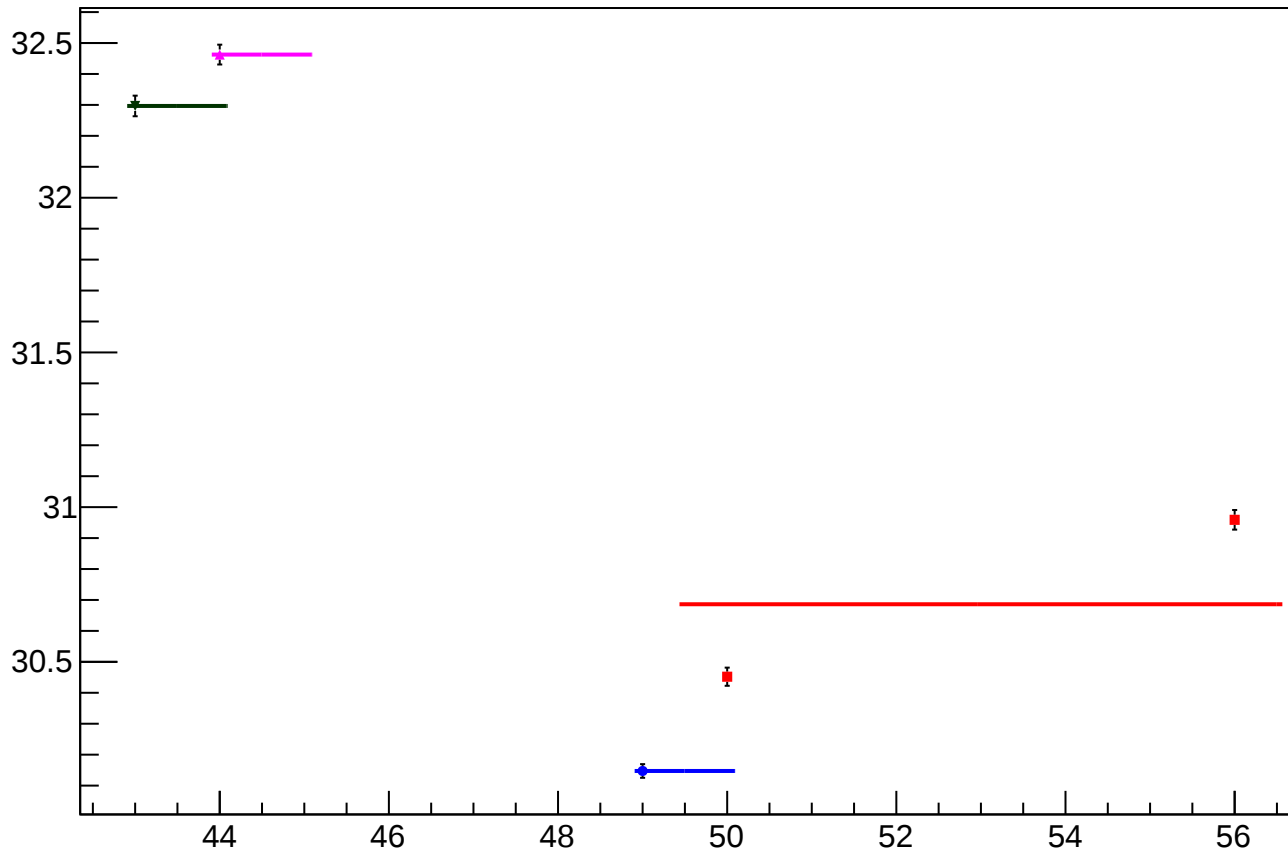
Right Out: 29.511+/-30.454 χ^2/NDF : 7.2/1

Left In: -48.651+/-45.318 χ^2/NDF : 0.0/0

47.475+/-26.014 χ^2/NDF : 0.0/1

5.195+/-25.277 χ^2/NDF : 9.2/2

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

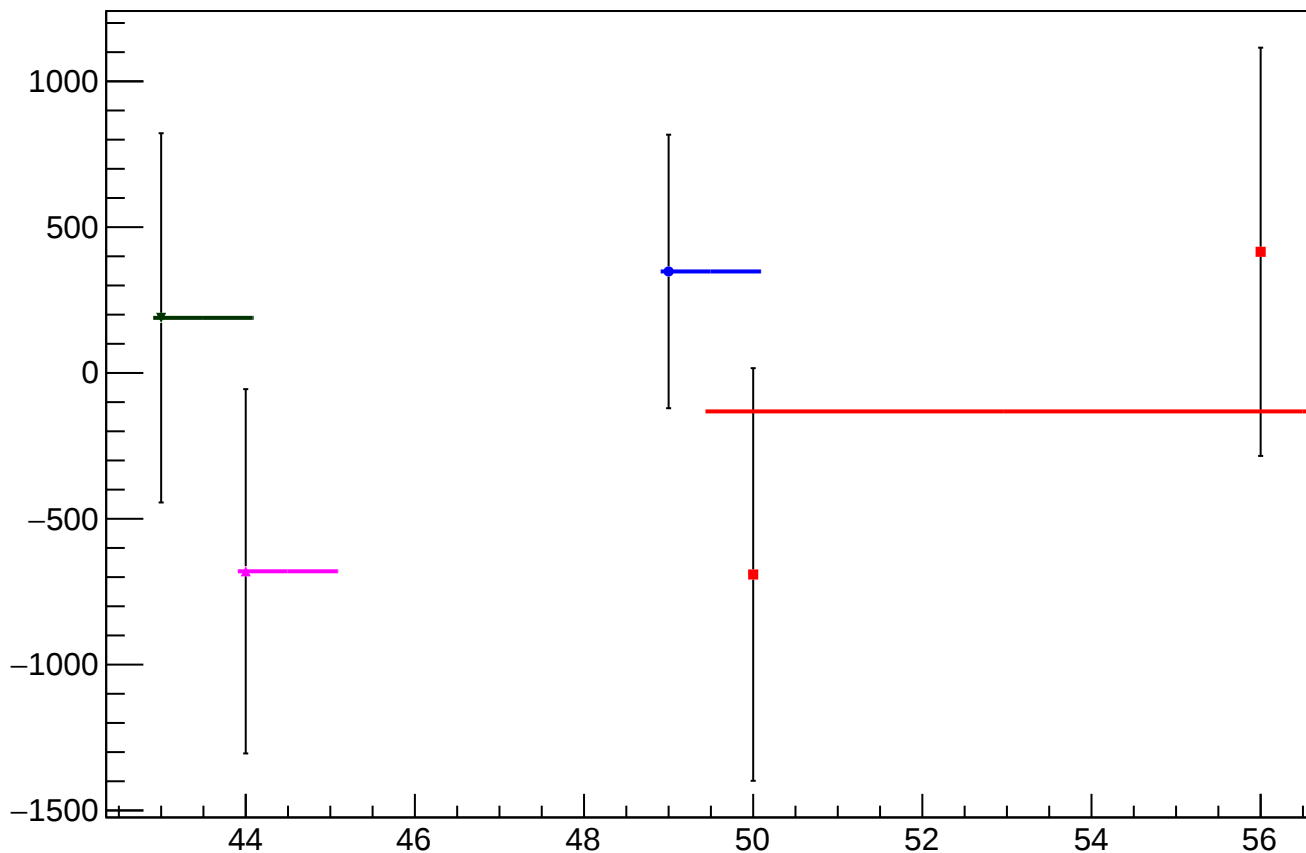
Right Out: 30.686 $\pm$ 0.022 χ^2 /NDF: 137.8/1

Left In: 32.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

30.803 $\pm$ 0.018 χ^2 /NDF: 2895.4/1

31.239 $\pm$ 0.018 χ^2 /NDF: 2255.0/2

asym_right_agg_avg_mean vs slug



Right In: 348.064 $\pm$ 468.916 χ^2 /NDF: 0.0/0

Left Out: 188.983 $\pm$ 633.036 χ^2 /NDF:0.0/0

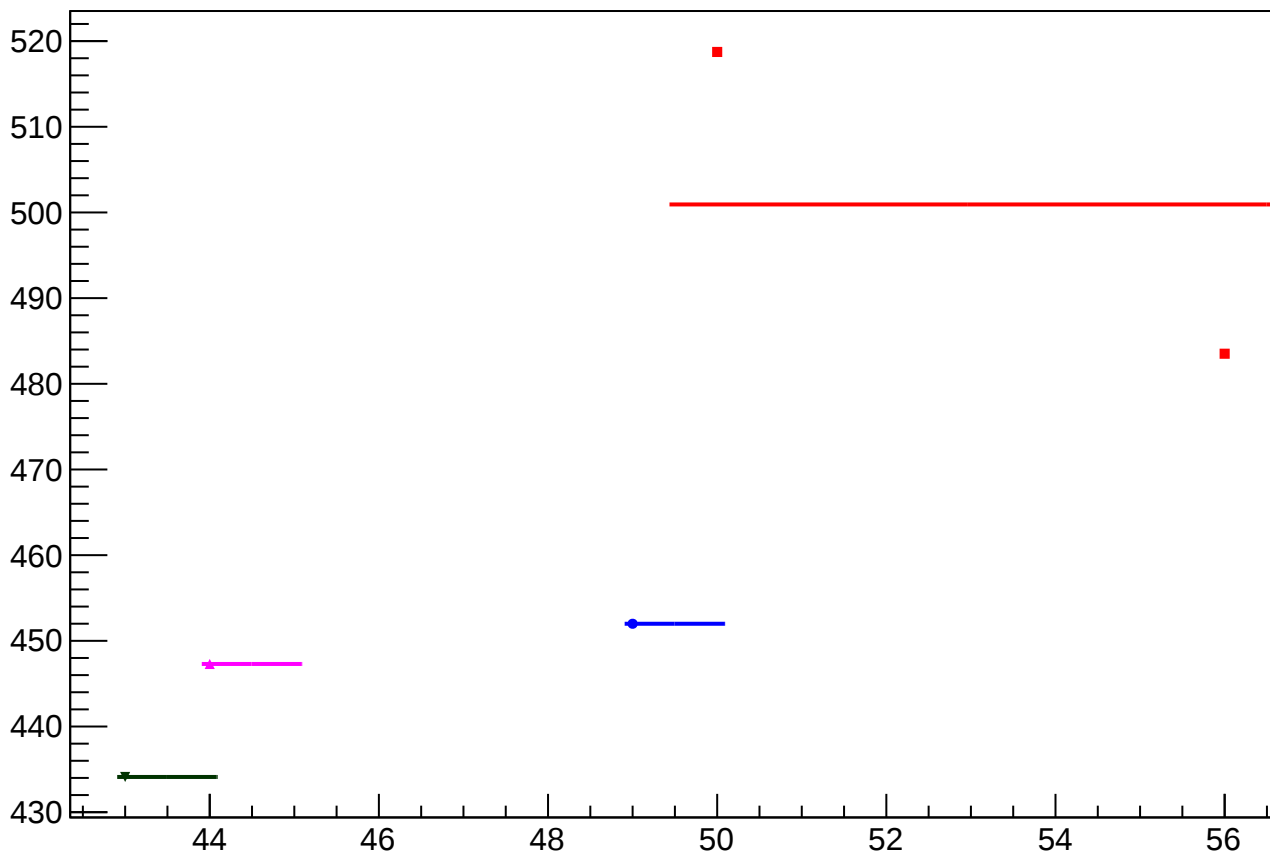
Right Out: -131.843 $\pm$ 497.547 χ^2 /NDF: 1.2/1

Left In: -680.012 $\pm$ 624.573 χ^2 /NDF:0.0/0

291.702 $\pm$ 376.801 χ^2 /NDF: 0.0/1

-344.659 $\pm$ 389.160 χ^2 /NDF: 1.7/2

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

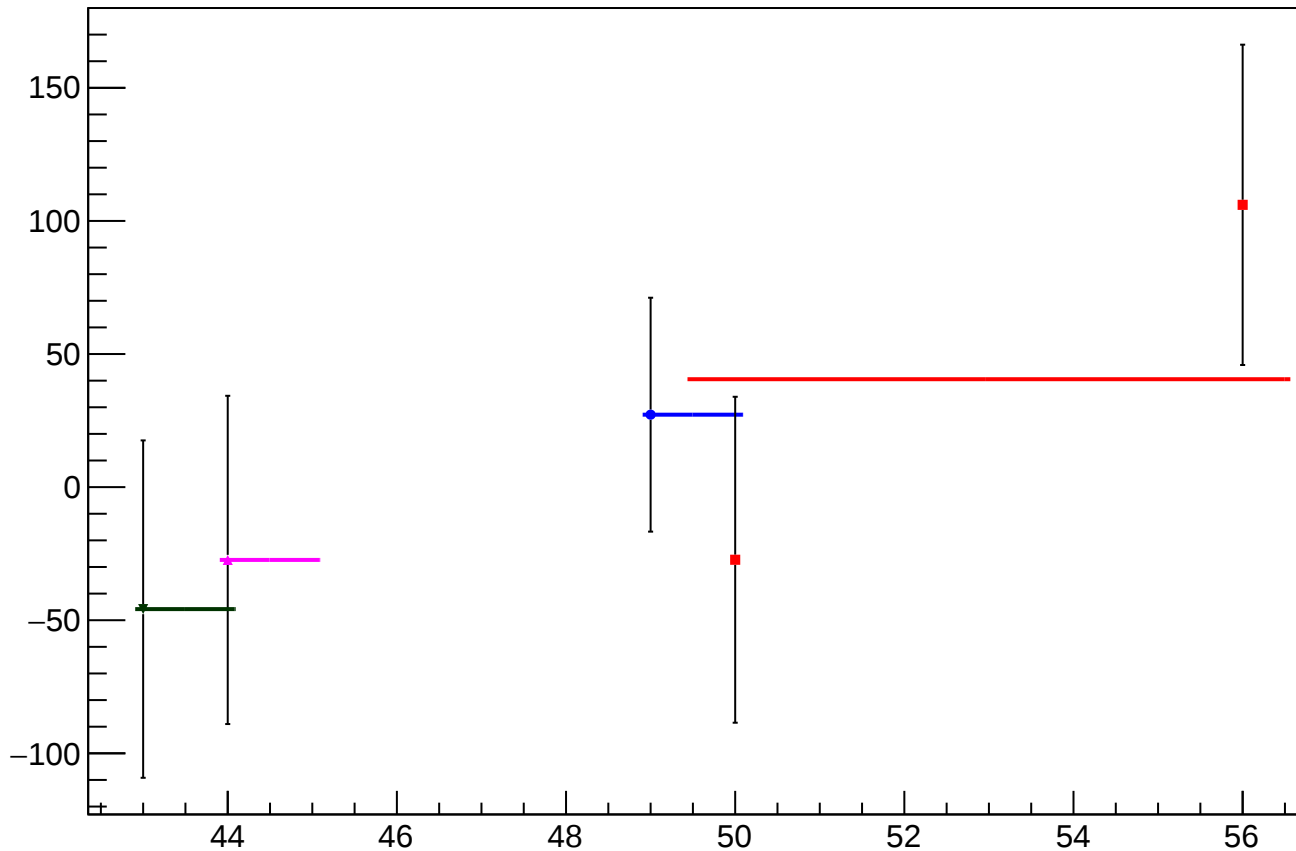
445.658 $\pm$ 0.266 χ^2 /NDF: 1030.4/1

Right Out: 500.935 $\pm$ 0.352 χ^2 /NDF: 2505.3/1

480.112 $\pm$ 0.275 χ^2 /NDF: 11527.9/2

Left In: 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

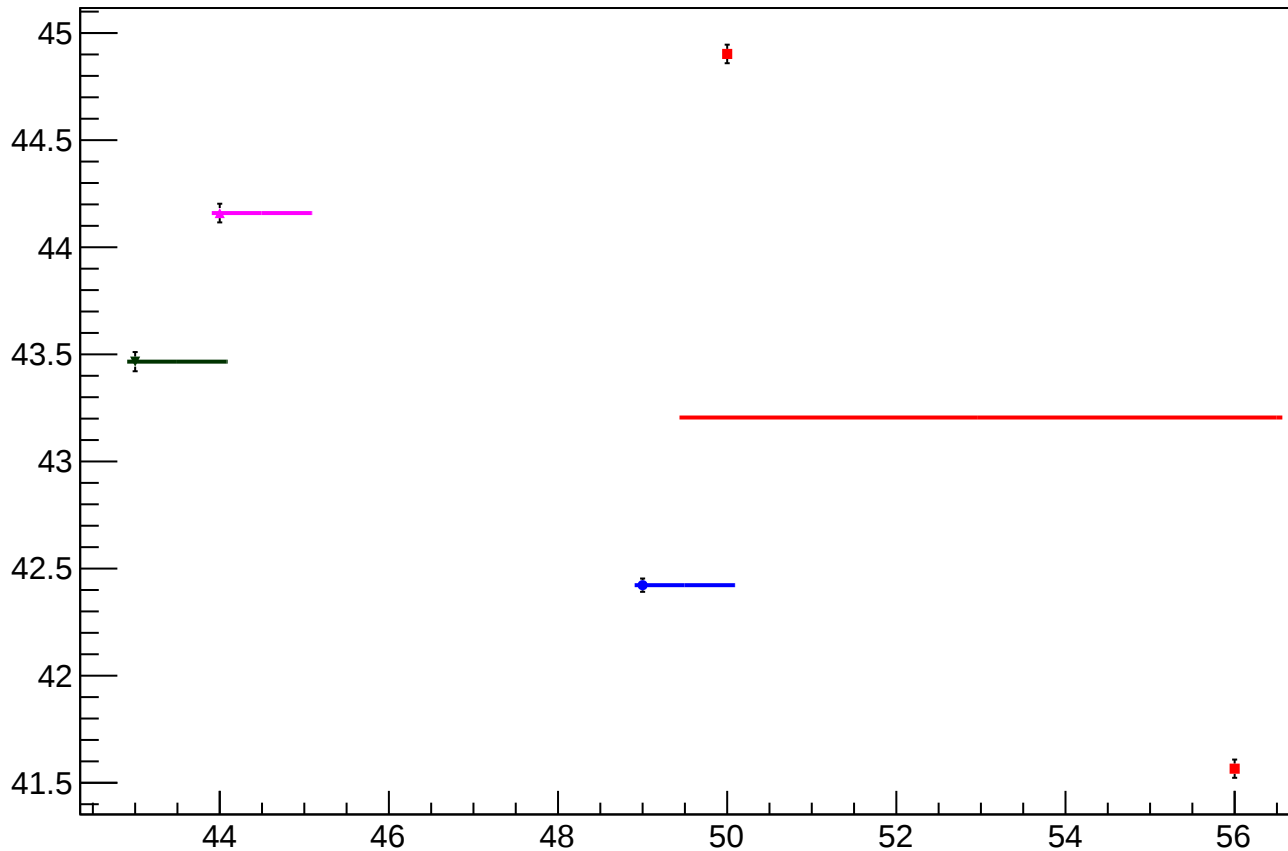
Right Out: 40.540+/-42.914 χ^2/NDF : 2.4/1

Left In: -27.346+/-61.656 χ^2/NDF : 0.0/0

3.505+/-36.107 χ^2/NDF : 0.9/1

18.385+/-35.222 χ^2/NDF : 3.2/2

asym_right_agg_dd_rms vs slug



Right In: 42.423 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Left Out: 43.466 $\pm$ 0.045 χ^2 /NDF: 0.0/0

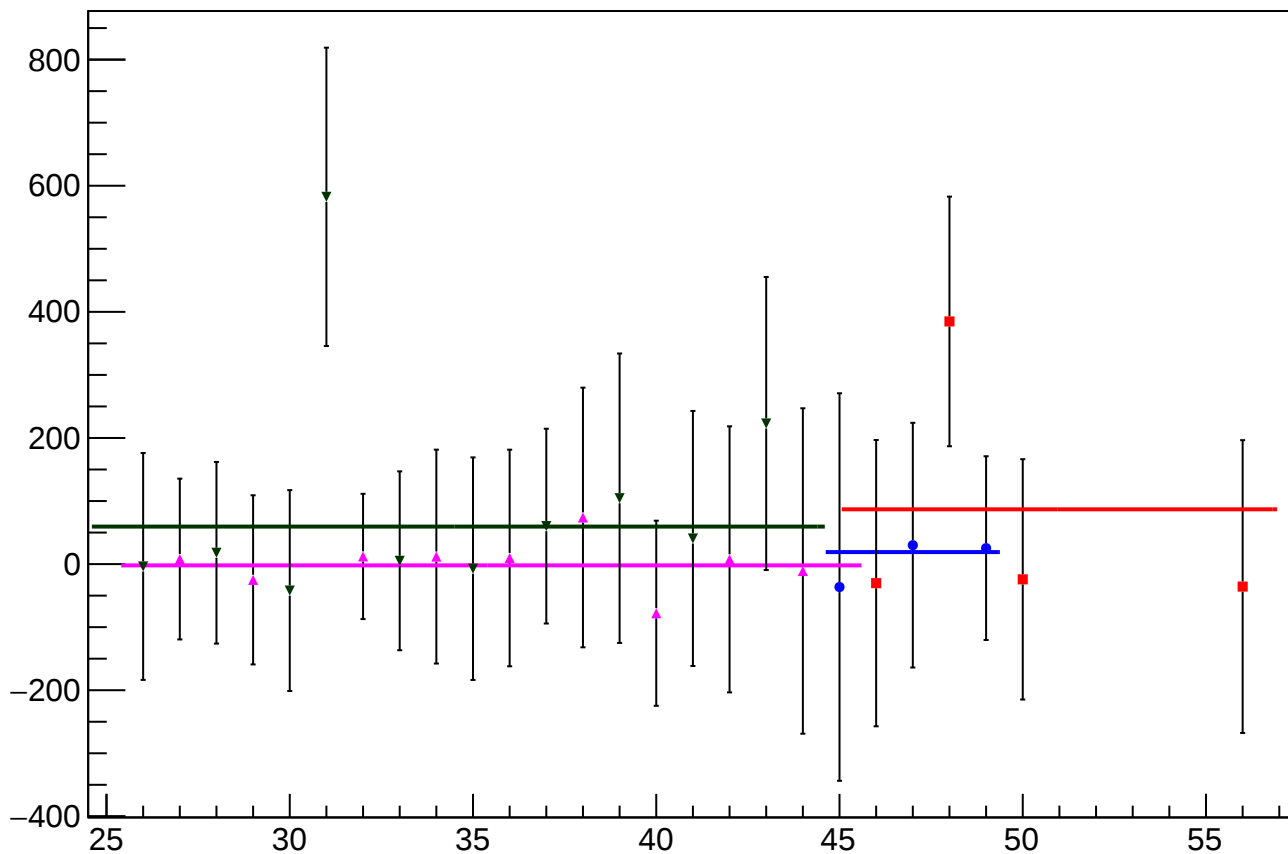
Right Out: 43.205 $\pm$ 0.030 χ^2 /NDF: 3021.7/1

Left In: 44.160 $\pm$ 0.044 χ^2 /NDF: 0.0/0

42.761 $\pm$ 0.026 χ^2 /NDF: 366.2/1

43.517 $\pm$ 0.025 χ^2 /NDF: 3344.5/2

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 19.048+/-108.936 χ^2/NDF : 0.0/2

Left Out: 59.489+/-55.719 χ^2/NDF : 6.3/9

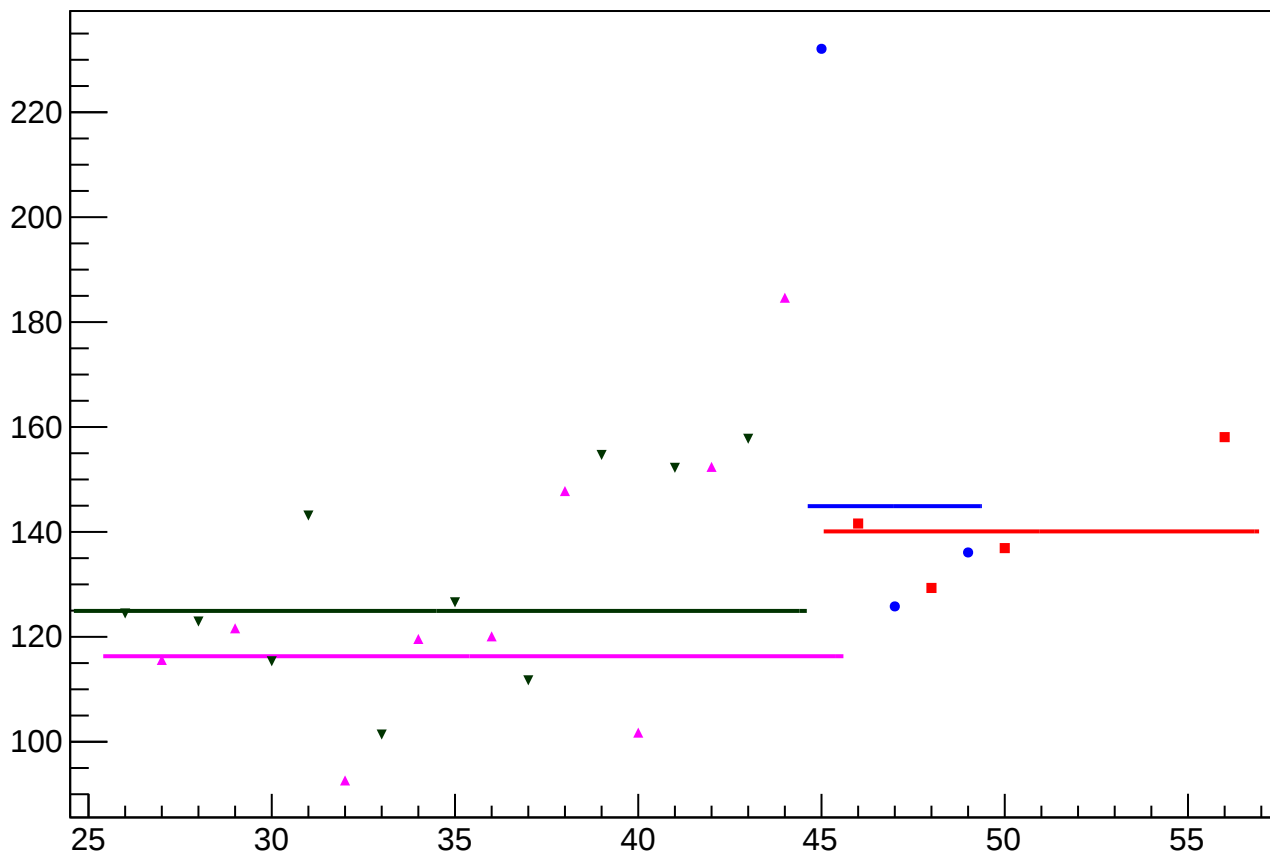
Right Out: 86.871+/-104.817 χ^2/NDF : 3.1/3

Left In: -2.017+/-50.338 χ^2/NDF : 0.5/8

51.103+/-49.607 χ^2/NDF : 6.5/12

14.642+/-45.377 χ^2/NDF : 4.2/12

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

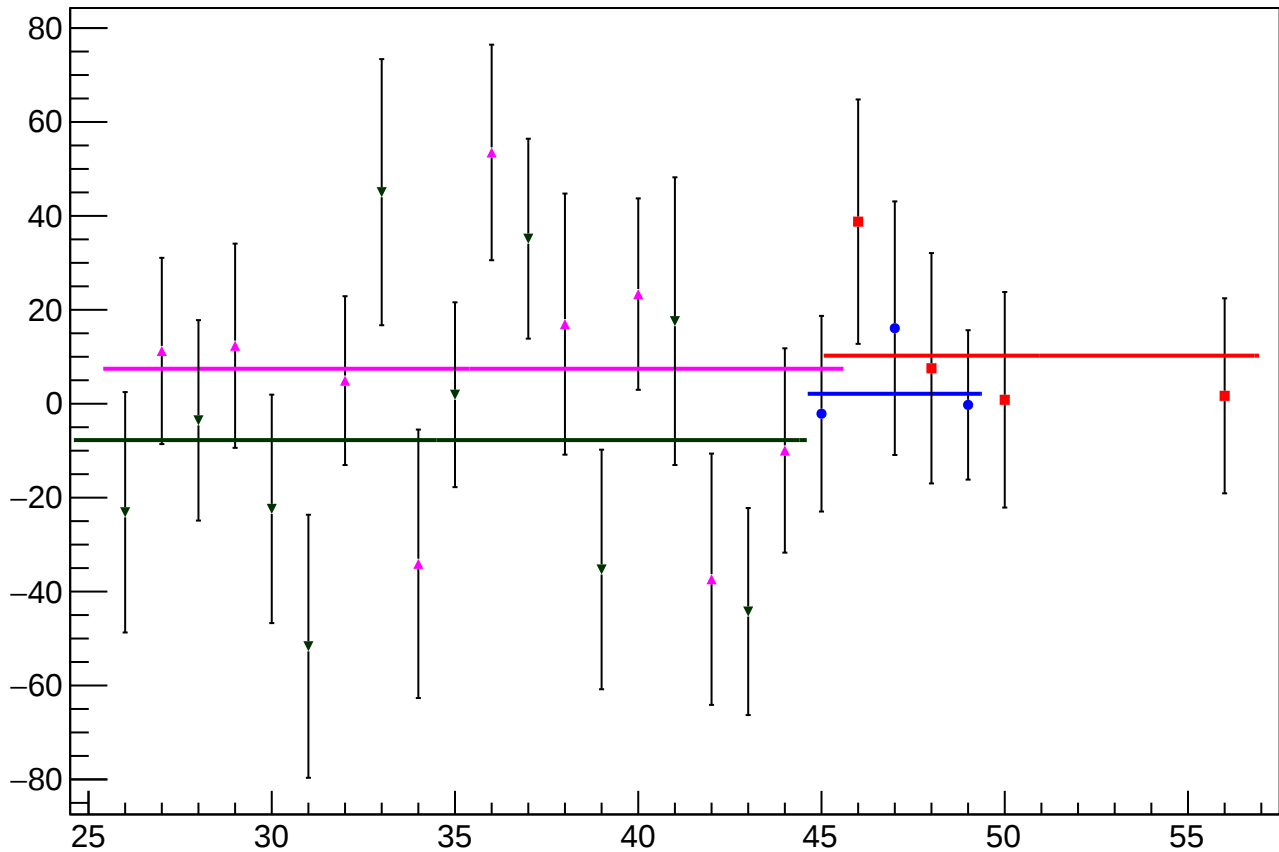
Right Out: 140.099 $\pm$ 0.074 χ^2 /NDF: 18562.0/3

Left In: 116.307 $\pm$ 0.036 χ^2 /NDF:383885.3/8

129.085 $\pm$ 0.035 χ^2 /NDF: 440397.2/12

120.766 $\pm$ 0.032 χ^2 /NDF: 486178.5/12

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

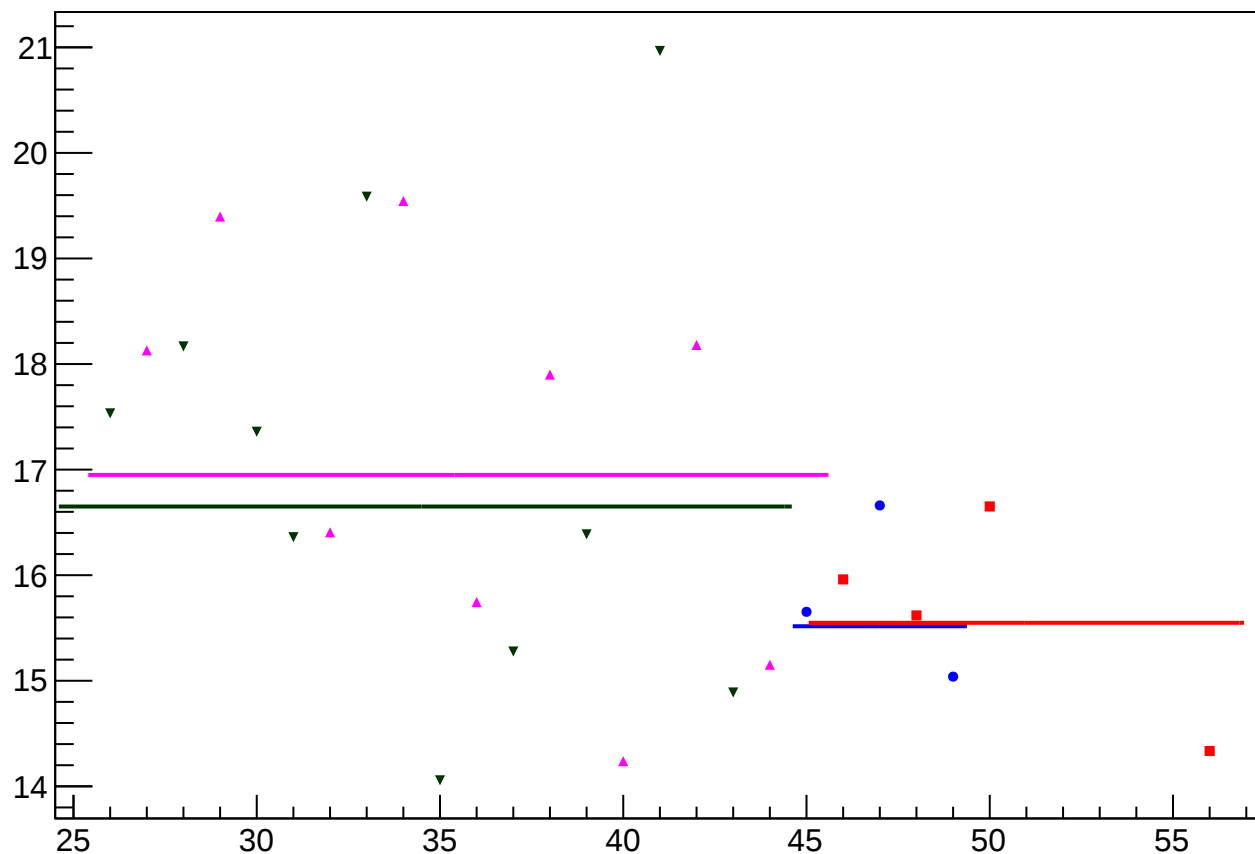
Right Out: 10.240+/-11.660 χ^2 /NDF: 1.6/3

Left In: 7.449+/-7.436 χ^2 /NDF:10.4/8

-4.736+/-6.324 χ^2 /NDF: 16.4/12

8.256+/-6.270 χ^2 /NDF: 12.0/12

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

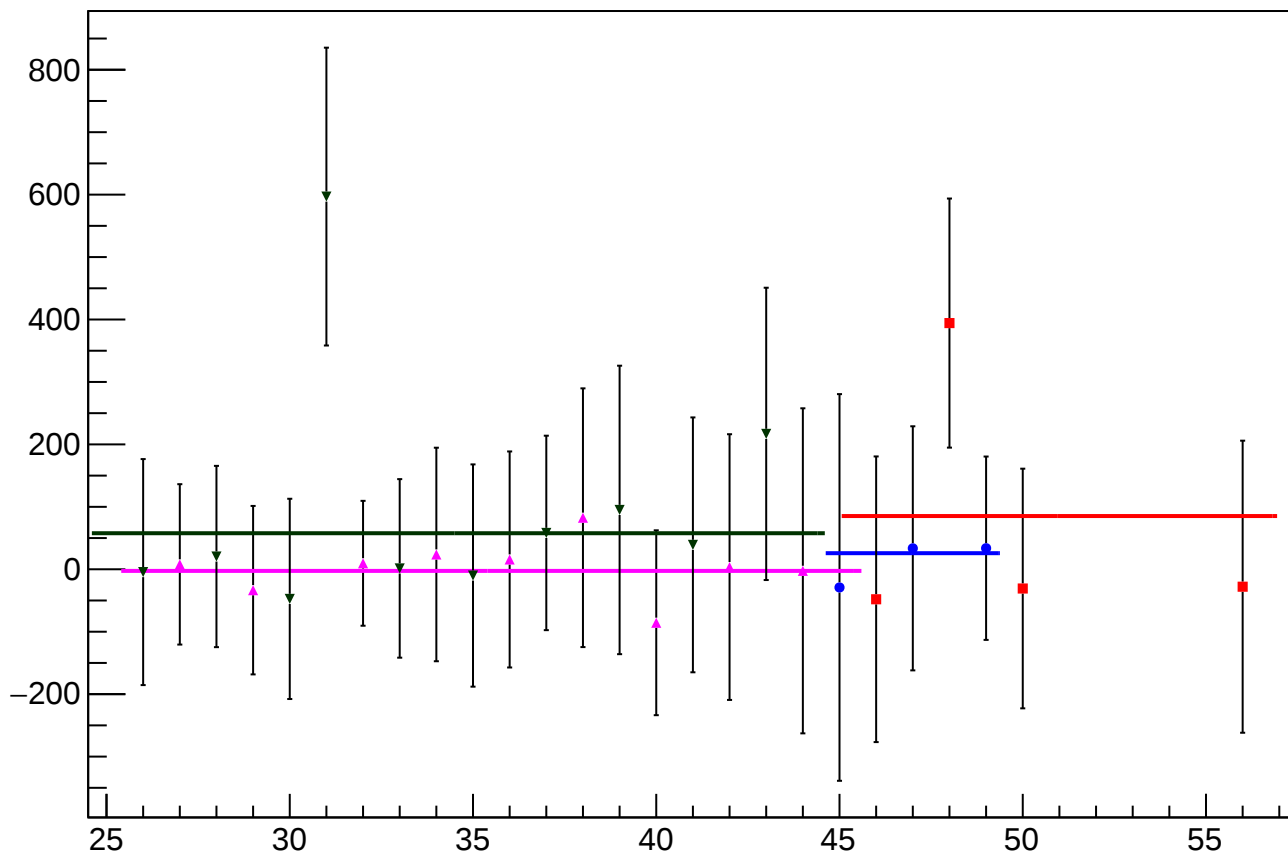
Right Out: 15.549+/-0.008 χ^2/NDF : 11965.0/3

Left In: 16.950+/-0.005 χ^2/NDF : 111842.2/8

16.305+/-0.004 χ^2/NDF : 150697.4/12

16.545+/-0.004 χ^2/NDF : 144326.9/12

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

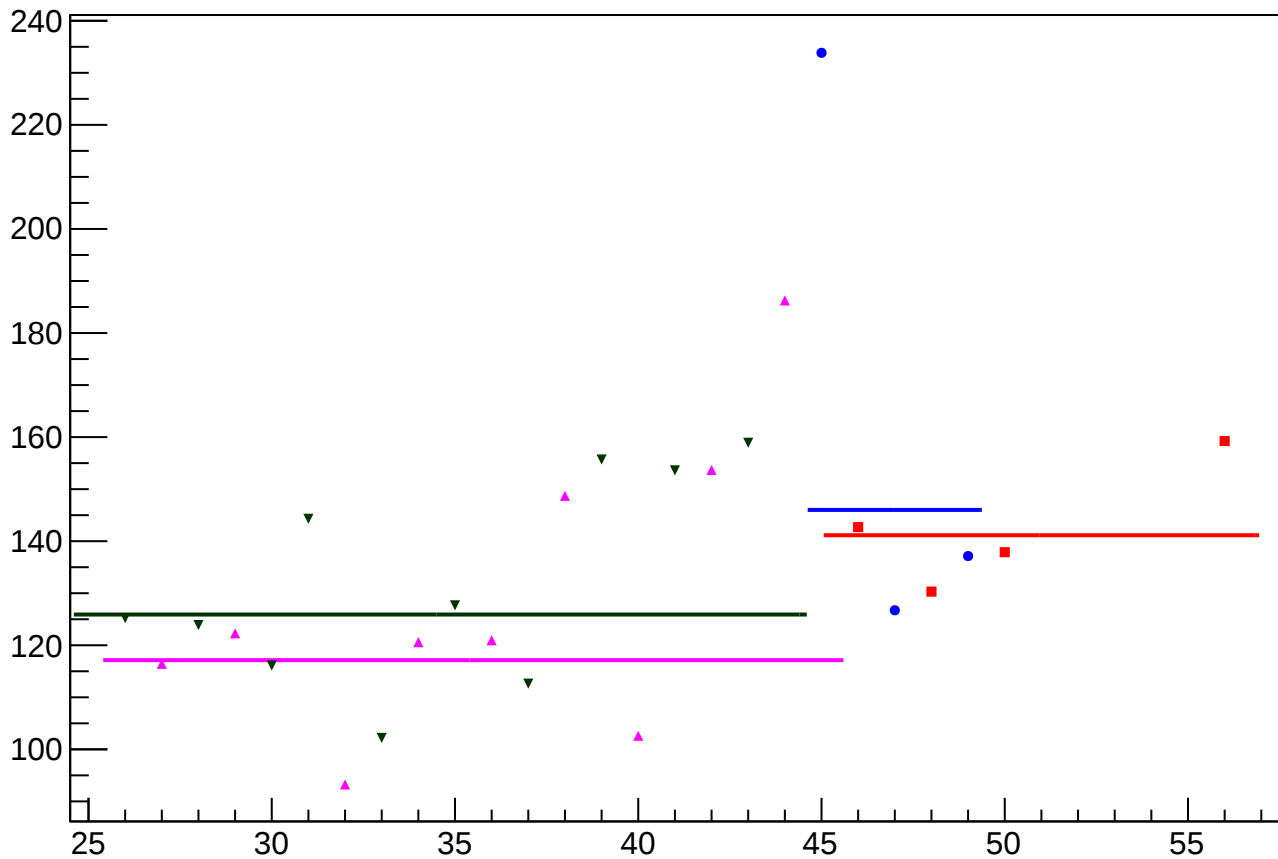
Right Out: 85.249+/-105.596 χ^2/NDF : 3.3/3

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

51.106+/-49.989 χ^2/NDF : 6.6/12

13.855+/-45.707 χ^2/NDF : 4.5/12

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 146.012 ± 0.078 χ^2/NDF : 187711.0/2

Left Out: 125.907 ± 0.040 χ^2/NDF : 199353.5/9

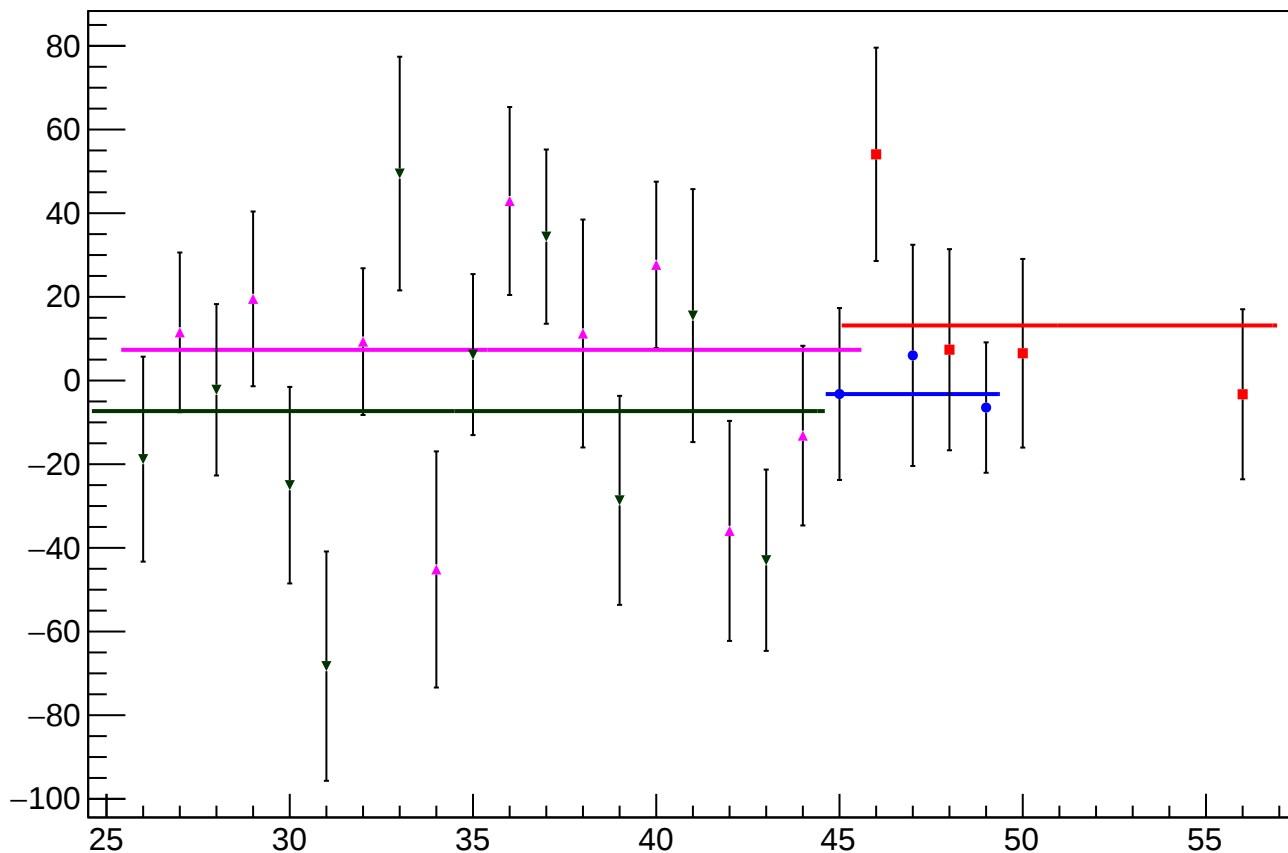
Right Out: 141.145 ± 0.075 χ^2/NDF : 18549.8/3

Left In: 117.138 ± 0.036 χ^2/NDF : 384637.6/8

130.076 ± 0.035 χ^2/NDF : 440244.3/12

121.636 ± 0.032 χ^2/NDF : 487188.9/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.237 ± 11.239 χ^2/NDF : 0.2/2

Left Out: -7.303 ± 7.391 χ^2/NDF : 18.4/9

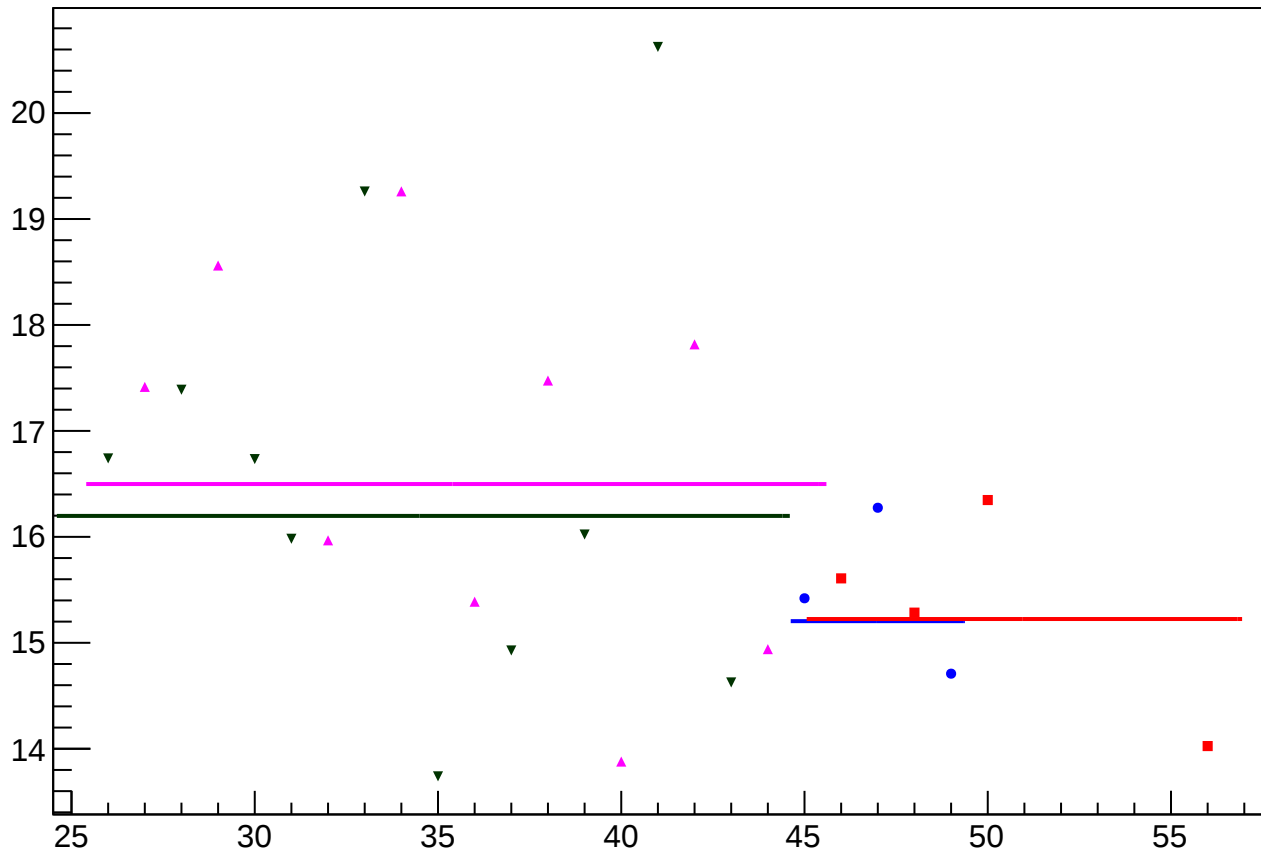
Right Out: 13.165 ± 11.429 χ^2/NDF : 3.4/3

Left In: 7.338 ± 7.251 χ^2/NDF : 11.1/8

-6.075 ± 6.175 χ^2/NDF : 18.7/12

9.011 ± 6.123 χ^2/NDF : 14.6/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.204+/-0.008 χ^2/NDF : 5521.2/2

Left Out: 16.198+/-0.005 χ^2/NDF : 126492.9/9

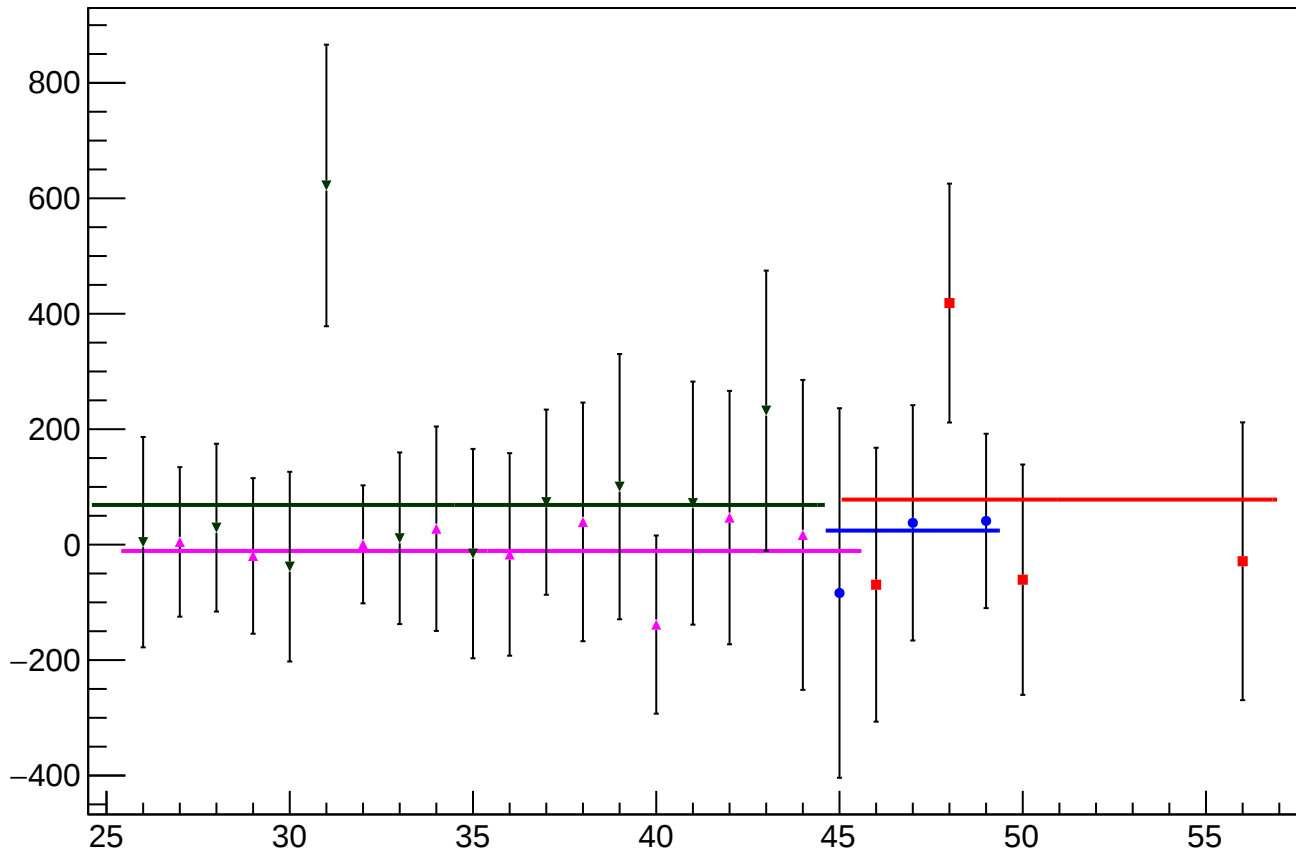
Right Out: 15.225+/-0.008 χ^2/NDF : 12388.7/3

Left In: 16.499+/-0.005 χ^2/NDF : 102858.3/8

15.898+/-0.004 χ^2/NDF : 142918.5/12

16.133+/-0.004 χ^2/NDF : 132967.1/12

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 24.361 $\pm$ 113.481 χ^2 /NDF: 0.1/2

Left Out: 68.786 $\pm$ 57.328 χ^2 /NDF: 6.6/9

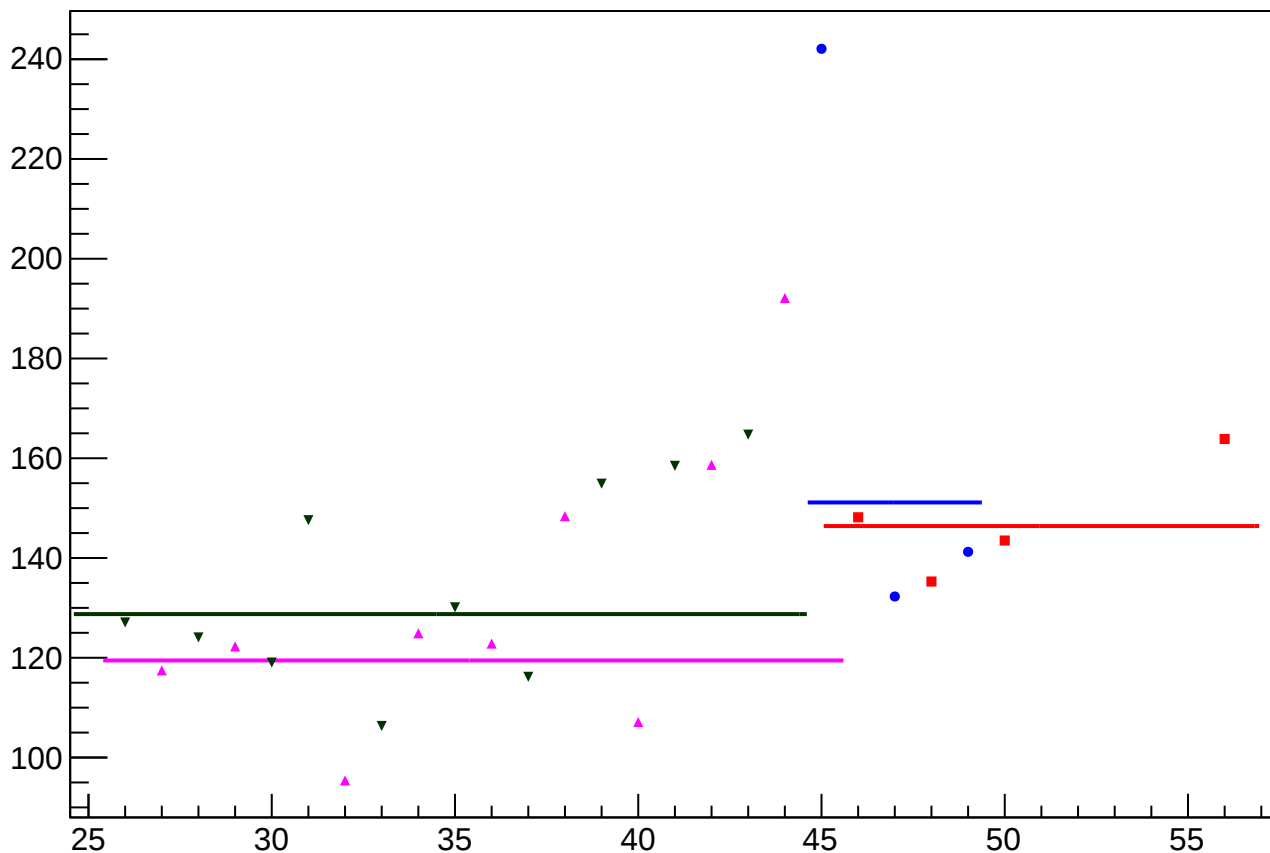
Right Out: 78.048 $\pm$ 109.435 χ^2 /NDF: 3.8/3

Left In: -10.941 $\pm$ 51.660 χ^2 /NDF: 0.9/8

59.753 $\pm$ 51.169 χ^2 /NDF: 6.9/12

5.275 $\pm$ 46.717 χ^2 /NDF: 5.2/12

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

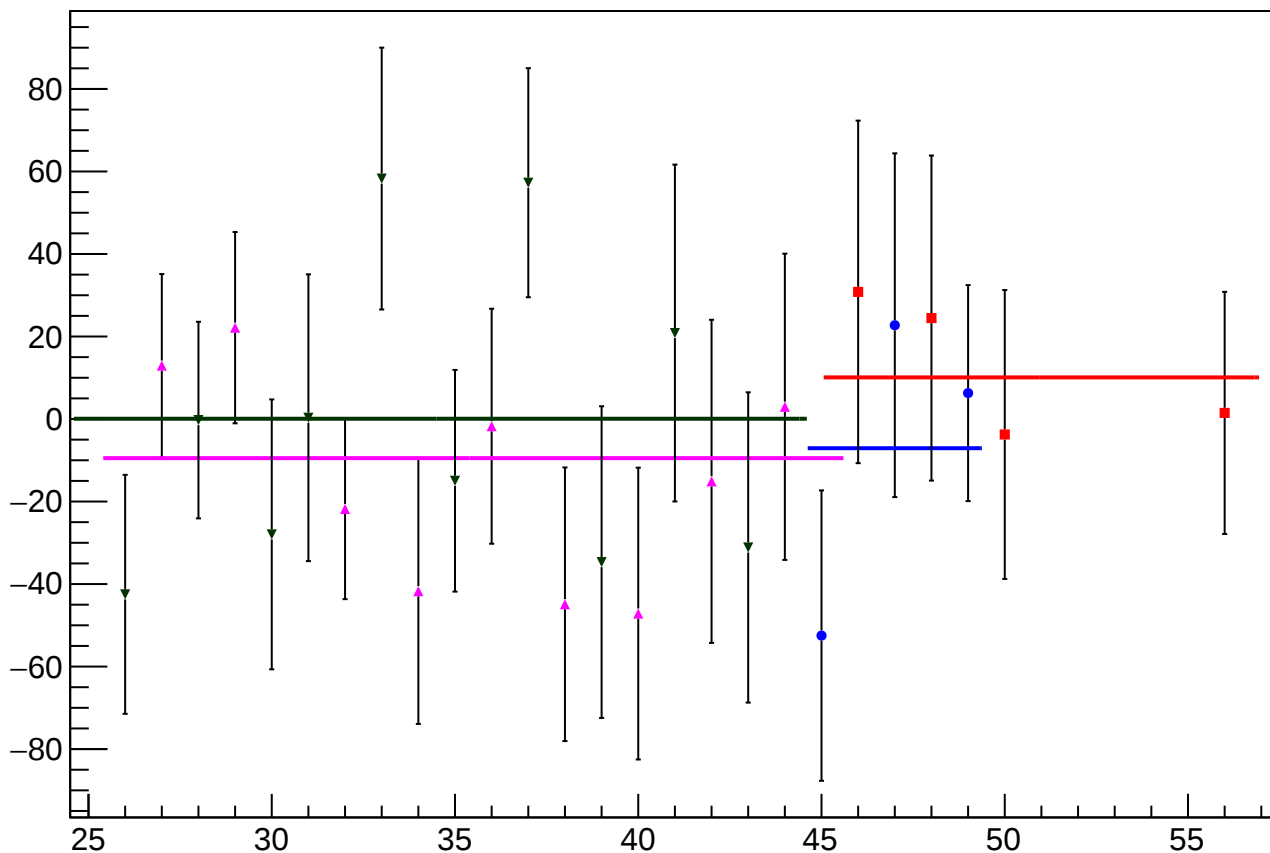
Right Out: 146.408+/-0.077 χ^2/NDF : 16836.1/3

Left In: 119.459+/-0.037 χ^2/NDF : 377012.5/8

133.306+/-0.036 χ^2/NDF : 437927.1/12

124.370+/-0.033 χ^2/NDF : 493030.1/12

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

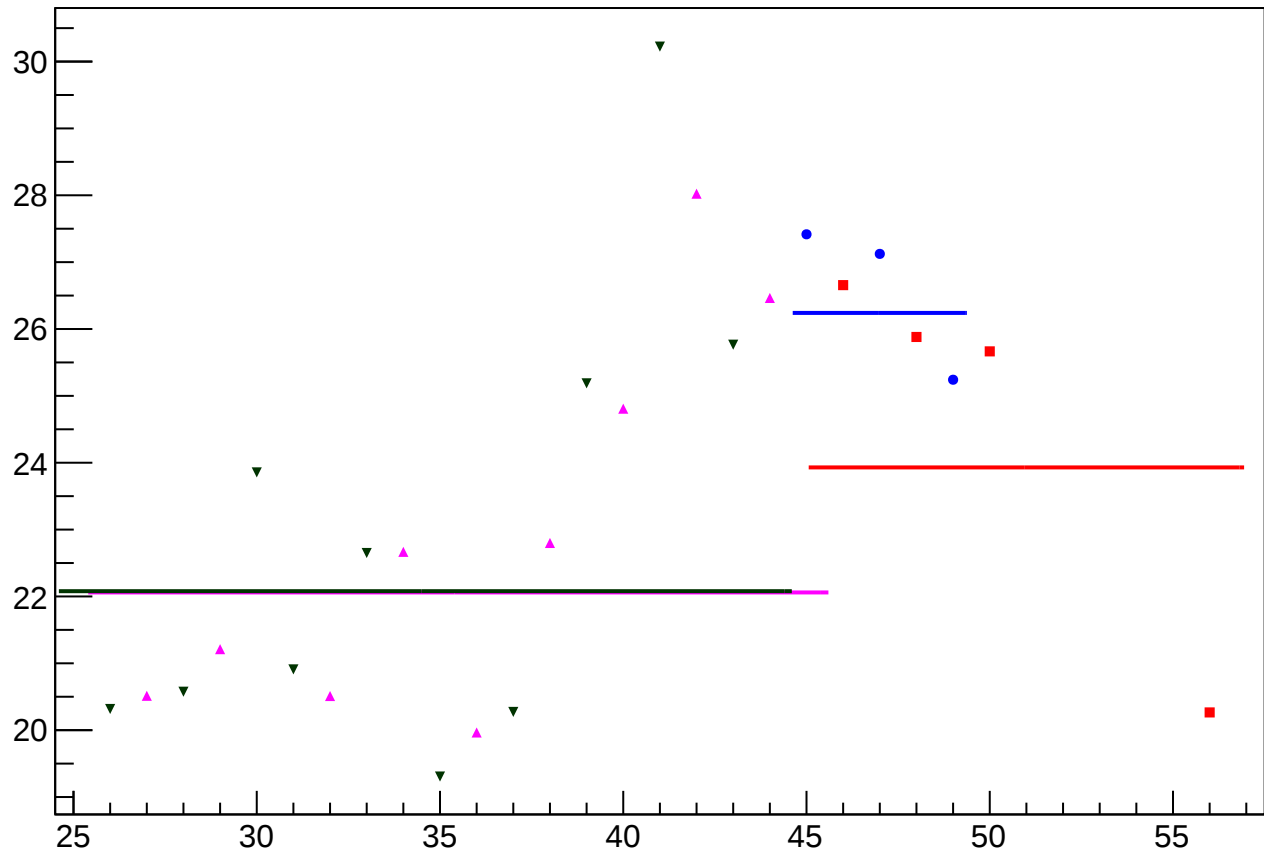
Right Out: 10.090 $\pm$ 17.673 χ^2 /NDF: 0.6/3

Left In: -9.482 $\pm$ 9.418 χ^2 /NDF:6.7/8

-1.466 $\pm$ 8.689 χ^2 /NDF: 15.2/12

-5.152 $\pm$ 8.312 χ^2 /NDF: 8.3/12

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.241±/0.013 χ^2/NDF : 6046.2/2

Left Out: 22.079±/0.007 χ^2/NDF :166332.3/9

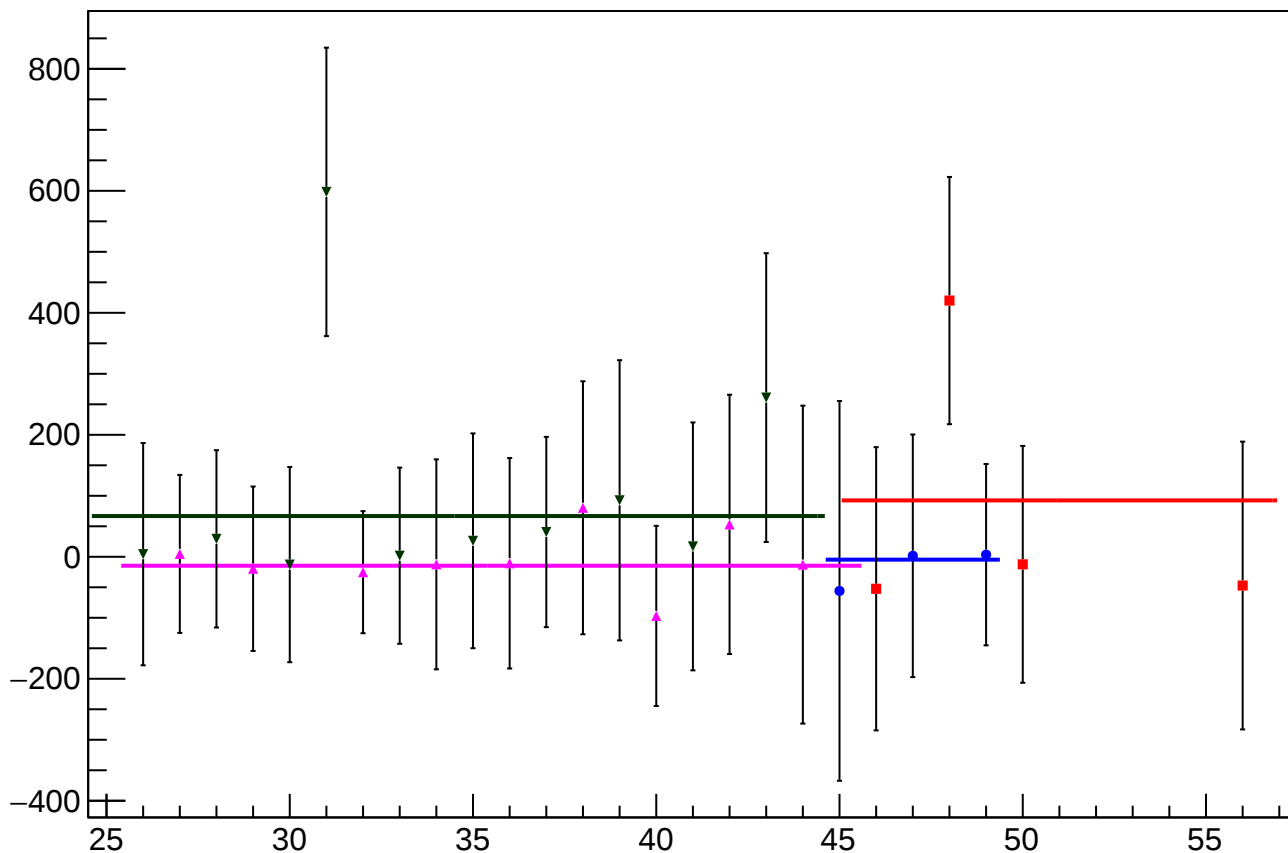
Right Out: 23.930±/0.012 χ^2/NDF : 49635.0/3

Left In: 22.060±/0.007 χ^2/NDF :121609.5/8

22.972±/0.006 χ^2/NDF : 249732.5/12

22.473±/0.006 χ^2/NDF : 188683.8/12

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 $\chi^2/\text{NDF}: 6.5/9$

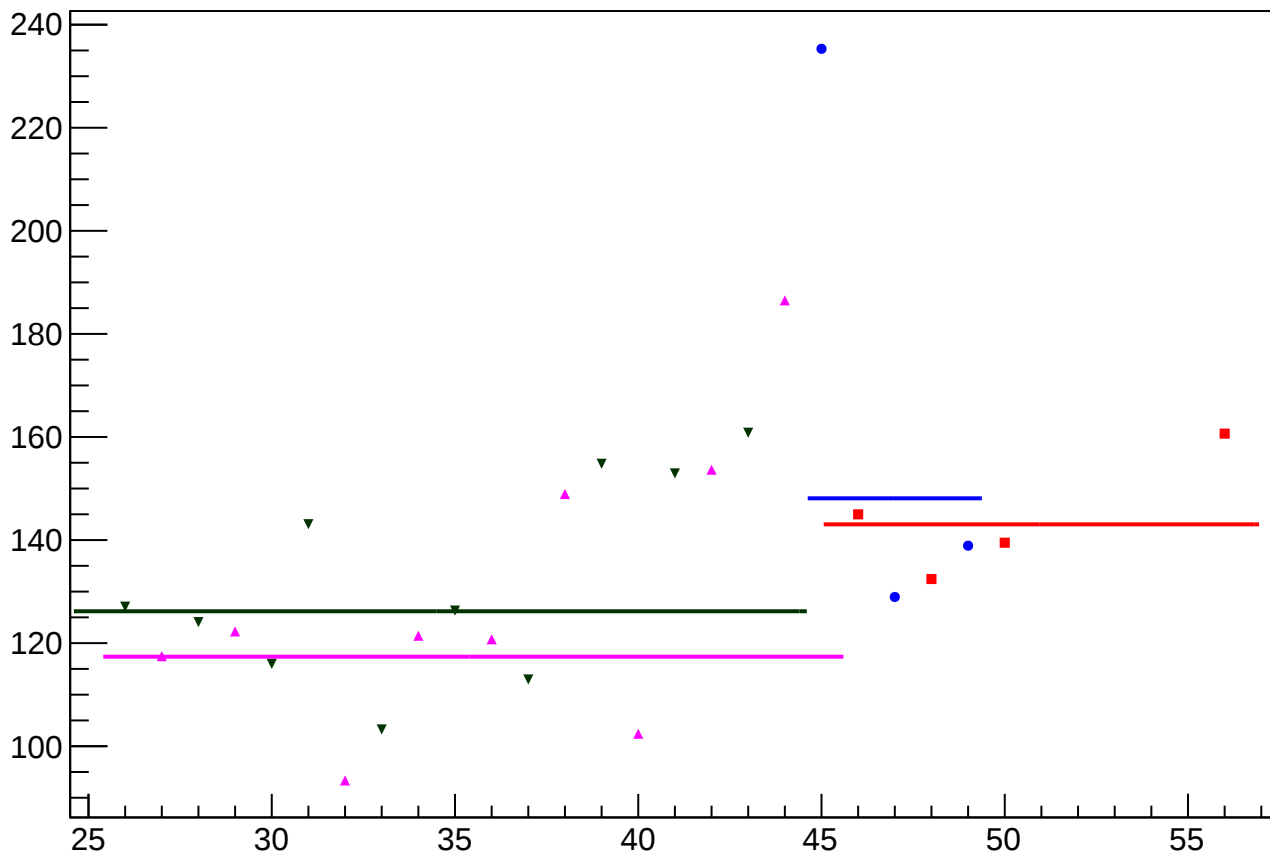
Right Out: 92.428 ± 106.975 $\chi^2/\text{NDF}: 3.6/3$

Left In: -14.653 ± 50.783 $\chi^2/\text{NDF}: 0.7/8$

52.251 ± 50.159 $\chi^2/\text{NDF}: 6.9/12$

5.040 ± 45.876 $\chi^2/\text{NDF}: 5.1/12$

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

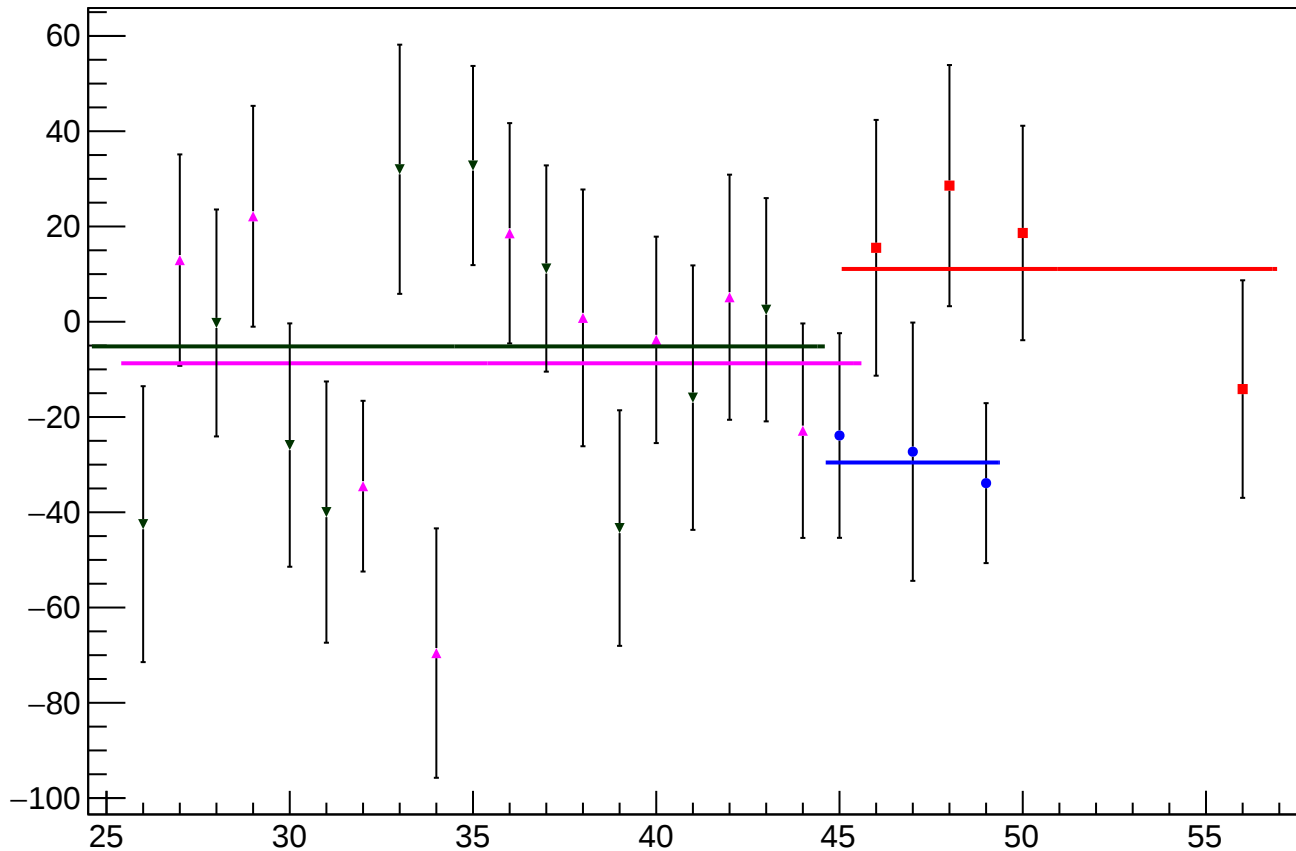
Right Out: 143.043 $\pm$ 0.076 χ^2 /NDF: 17422.1/3

Left In: 117.367 $\pm$ 0.036 χ^2 /NDF:385462.1/8

130.641 $\pm$ 0.035 χ^2 /NDF: 437161.8/12

122.089 $\pm$ 0.032 χ^2 /NDF: 496915.0/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -29.549 ± 11.889 χ^2/NDF : 0.1/2

Left Out: -5.176 ± 7.796 χ^2/NDF : 12.5/9

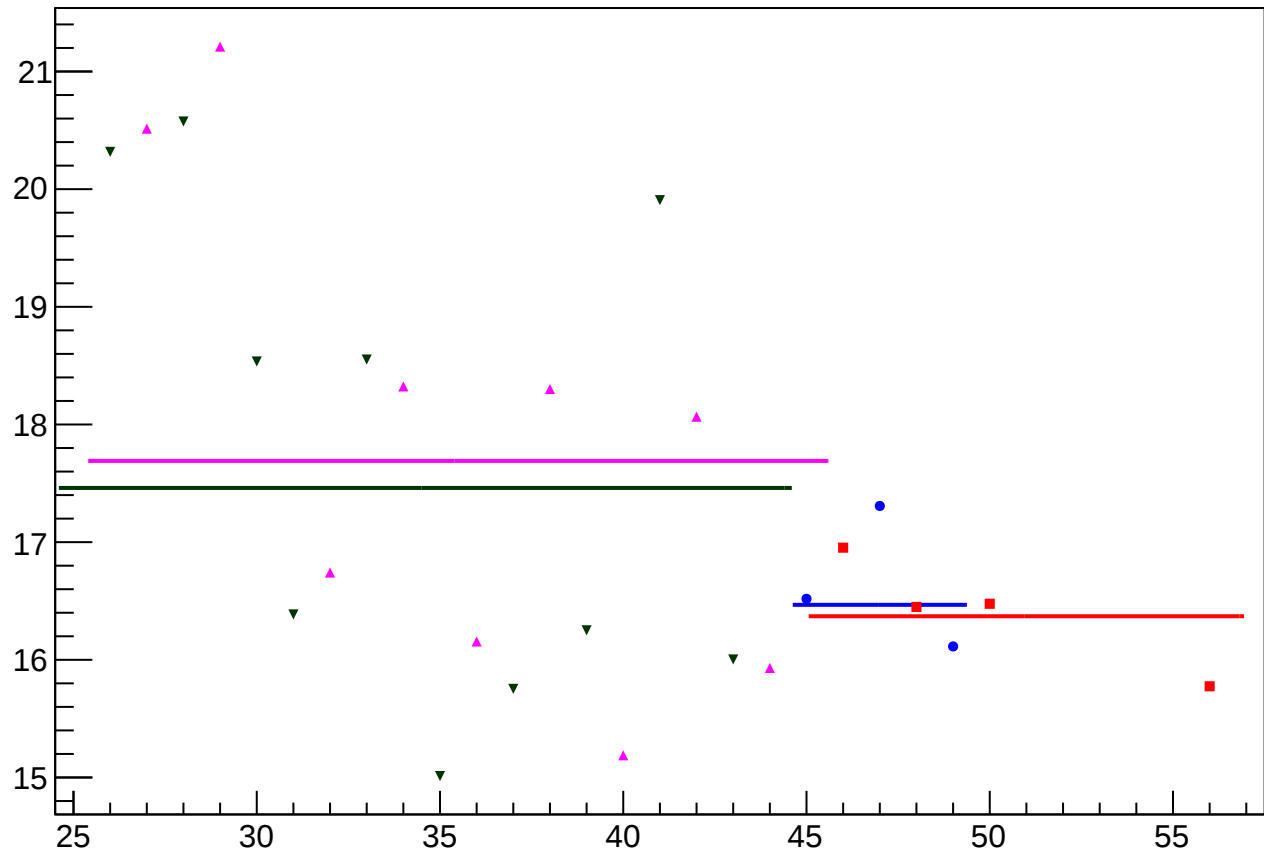
Right Out: 11.084 ± 12.093 χ^2/NDF : 1.8/3

Left In: -8.720 ± 7.598 χ^2/NDF : 12.5/8

-12.505 ± 6.520 χ^2/NDF : 15.6/12

-3.115 ± 6.433 χ^2/NDF : 16.2/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.467 $\pm$ 0.008 χ^2 /NDF: 2819.8/2

Left Out: 17.461 $\pm$ 0.006 χ^2 /NDF: 131638.1/9

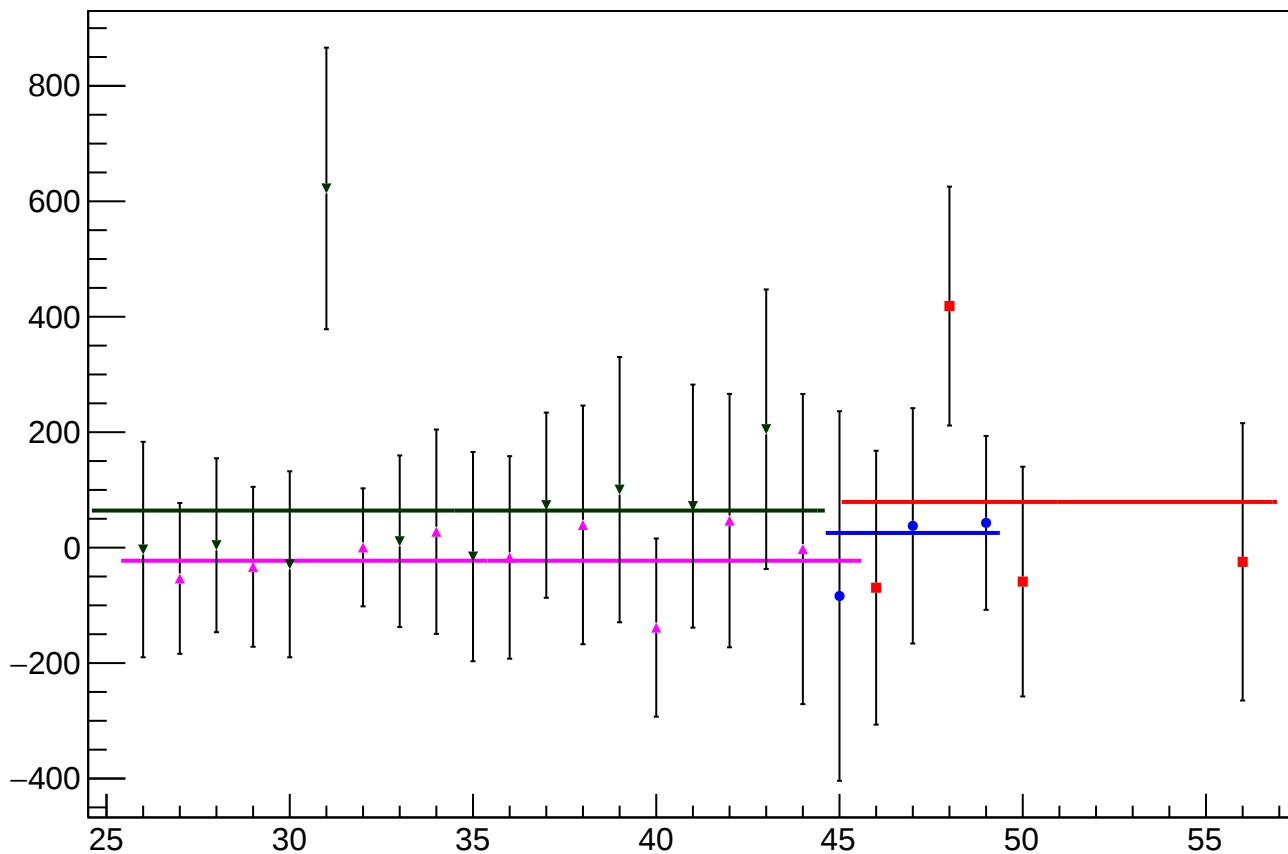
17.162 $\pm$ 0.005 χ^2 /NDF: 144222.1/12

Right Out: 16.370 $\pm$ 0.009 χ^2 /NDF: 2365.1/3

17.317 $\pm$ 0.005 χ^2 /NDF: 153897.7/12

Left In: 17.690 $\pm$ 0.005 χ^2 /NDF: 134444.8/8

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

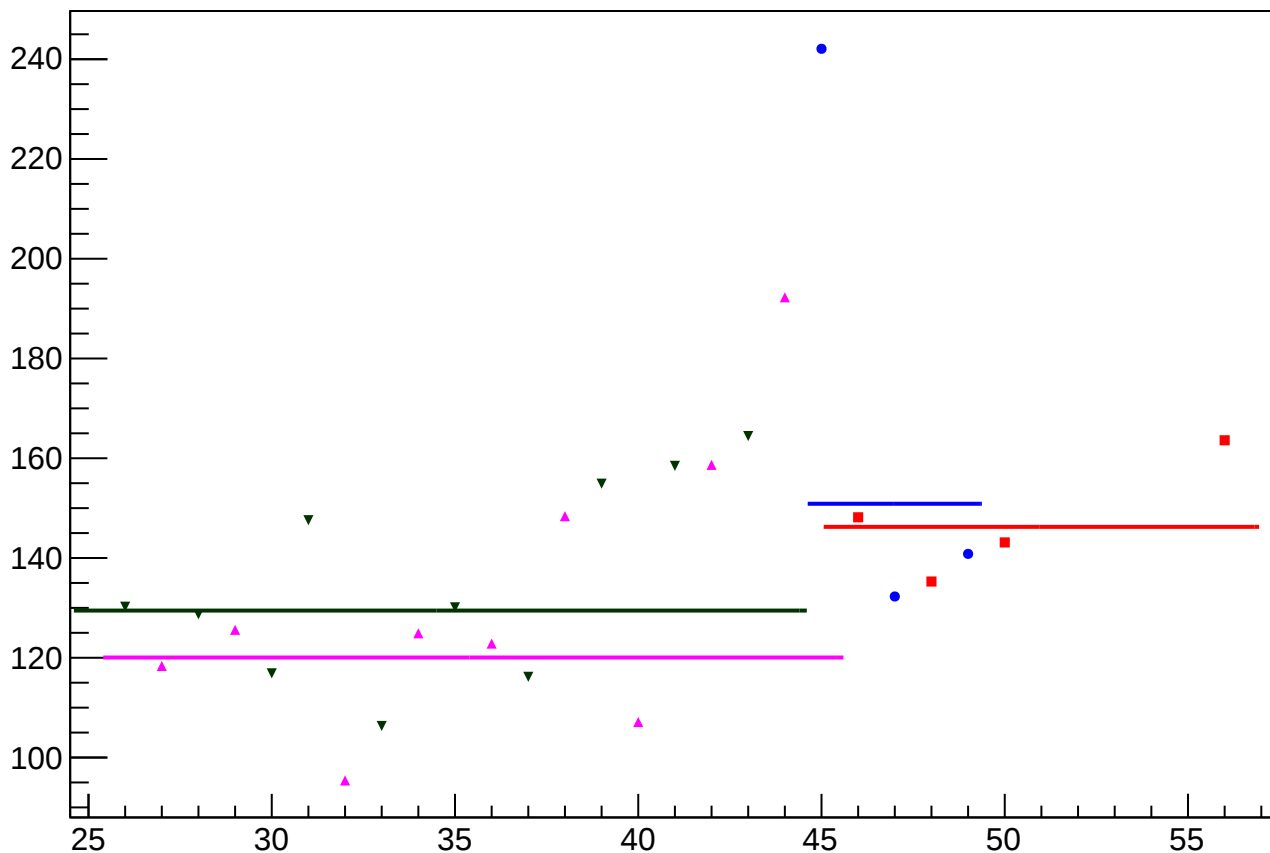
Right Out: 79.195 $\pm$ 109.312 χ^2 /NDF: 3.7/3

Left In: -22.721 $\pm$ 51.941 χ^2 /NDF: 1.0/8

56.279 $\pm$ 51.368 χ^2 /NDF: 6.8/12

-3.949 $\pm$ 46.914 χ^2 /NDF: 5.4/12

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

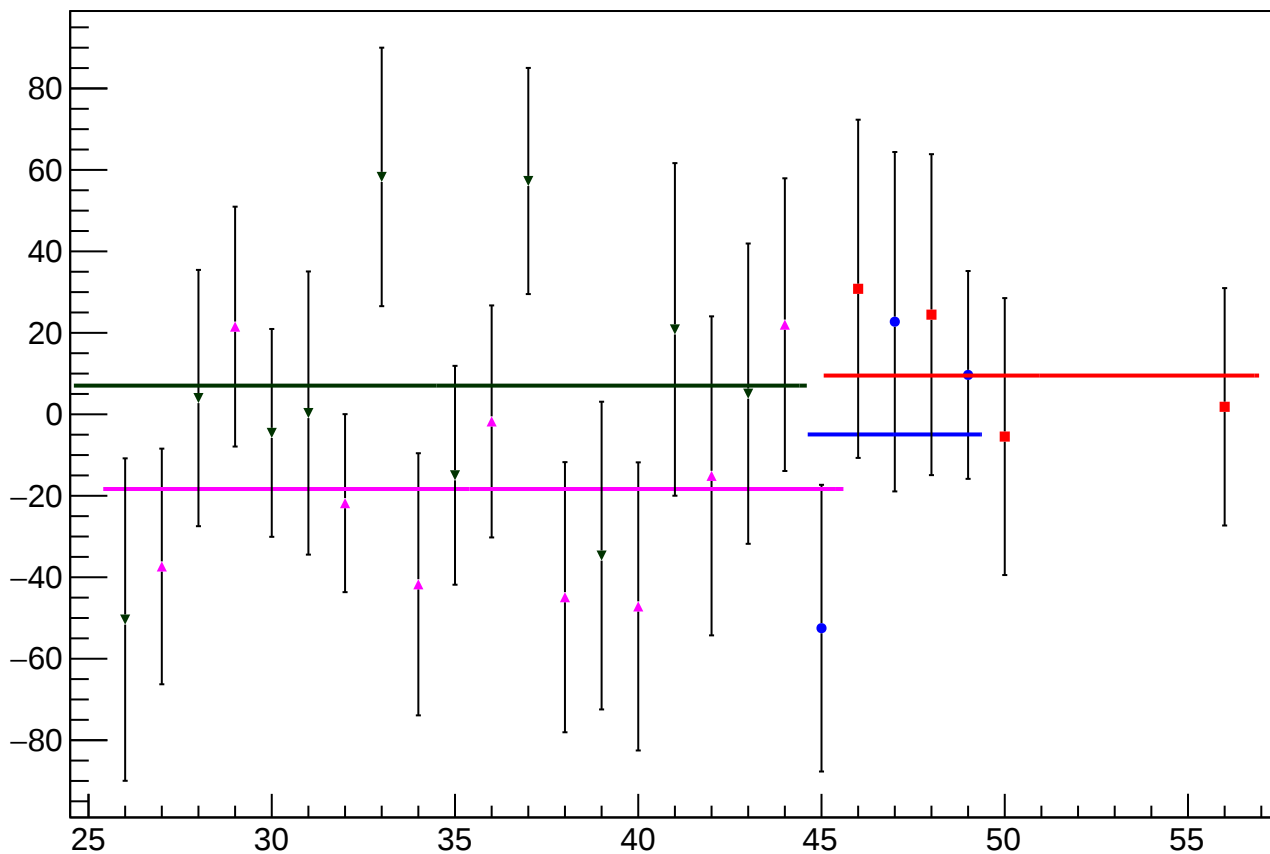
Right Out: 146.247+/-0.077 χ^2/NDF : 16674.7/3

Left In: 120.052+/-0.037 χ^2/NDF : 379795.5/8

133.863+/-0.036 χ^2/NDF : 434337.7/12

124.877+/-0.033 χ^2/NDF : 490164.7/12

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -4.943+/-18.505 χ^2/NDF : 2.6/2

Left Out: 7.046+/-10.139 χ^2/NDF : 10.2/9

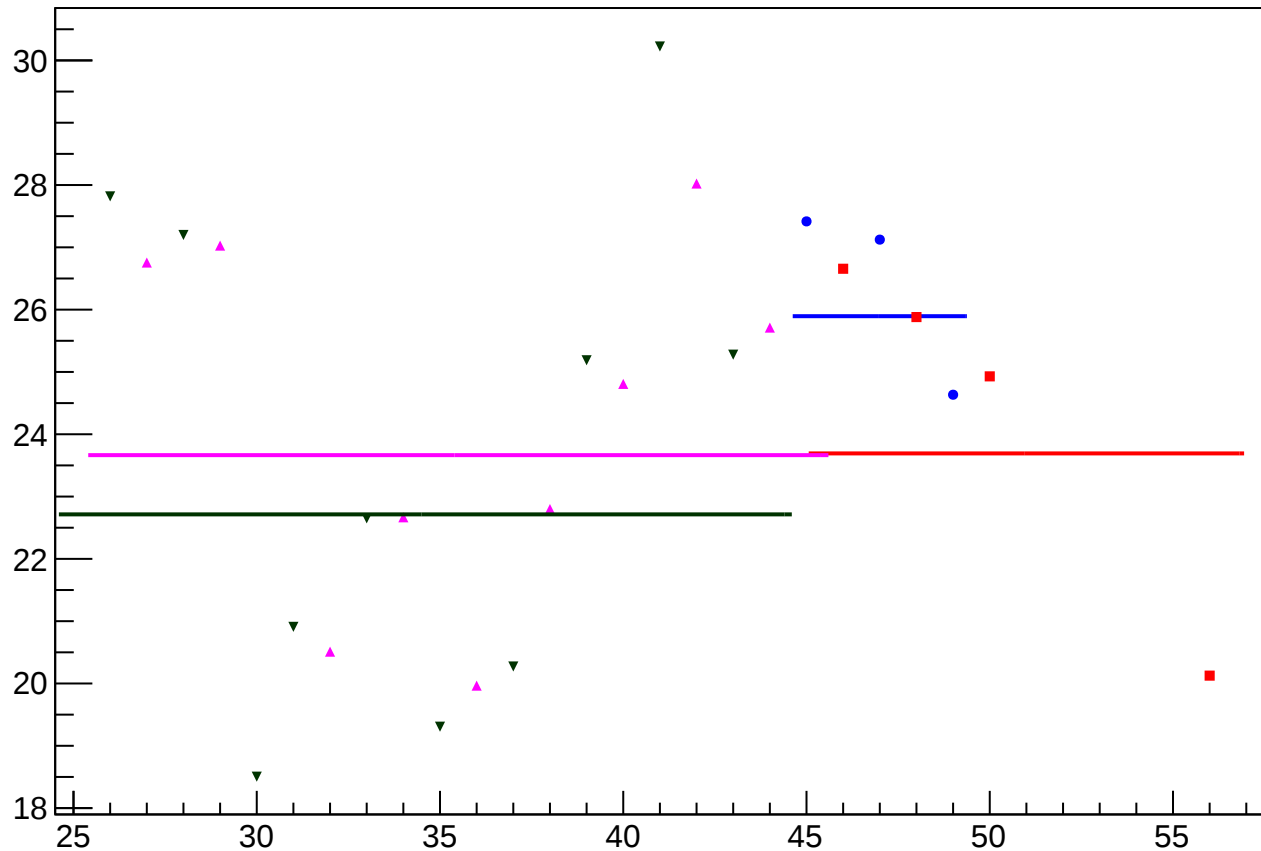
Right Out: 9.516+/-17.494 χ^2/NDF : 0.7/3

Left In: -18.334+/-10.112 χ^2/NDF : 5.7/8

4.278+/-8.892 χ^2/NDF : 13.2/12

-11.359+/-8.755 χ^2/NDF : 8.3/12

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.895 $\pm$ 0.013 χ^2 /NDF: 10361.5/2

Left Out: 22.714 $\pm$ 0.007 χ^2 /NDF: 267334.5/9

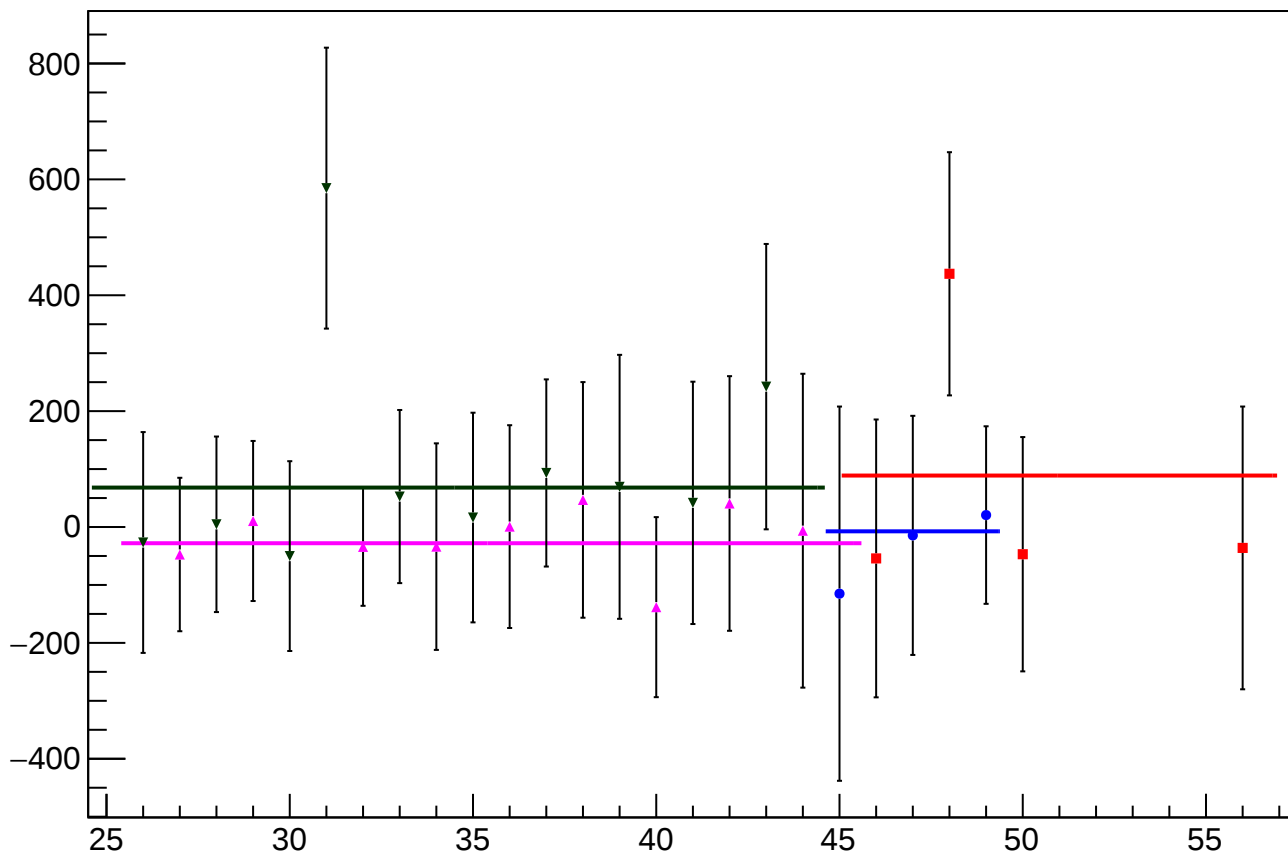
Right Out: 23.693 $\pm$ 0.012 χ^2 /NDF: 48971.4/3

Left In: 23.665 $\pm$ 0.007 χ^2 /NDF: 161021.9/8

23.449 $\pm$ 0.006 χ^2 /NDF: 323143.1/12

23.672 $\pm$ 0.006 χ^2 /NDF: 209997.1/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -7.446+/-114.959 χ^2/NDF : 0.1/2

Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

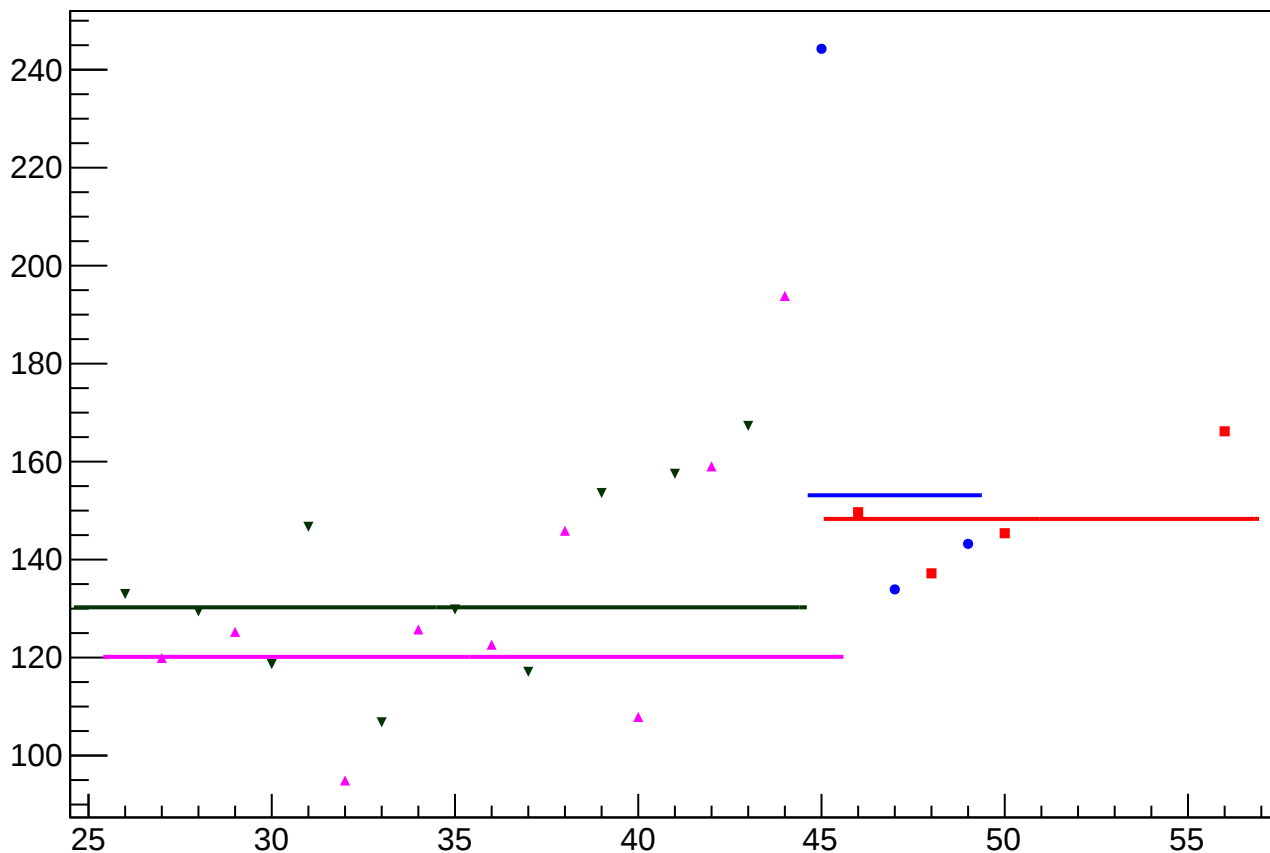
Right Out: 88.823+/-110.872 χ^2/NDF : 3.8/3

Left In: -27.981+/-51.982 χ^2/NDF : 0.9/8

52.757+/-51.753 χ^2/NDF : 6.6/12

-6.933+/-47.066 χ^2/NDF : 5.6/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 153.132 $\pm$ 0.081 χ^2 /NDF: 184987.1/2

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF:182492.6/9

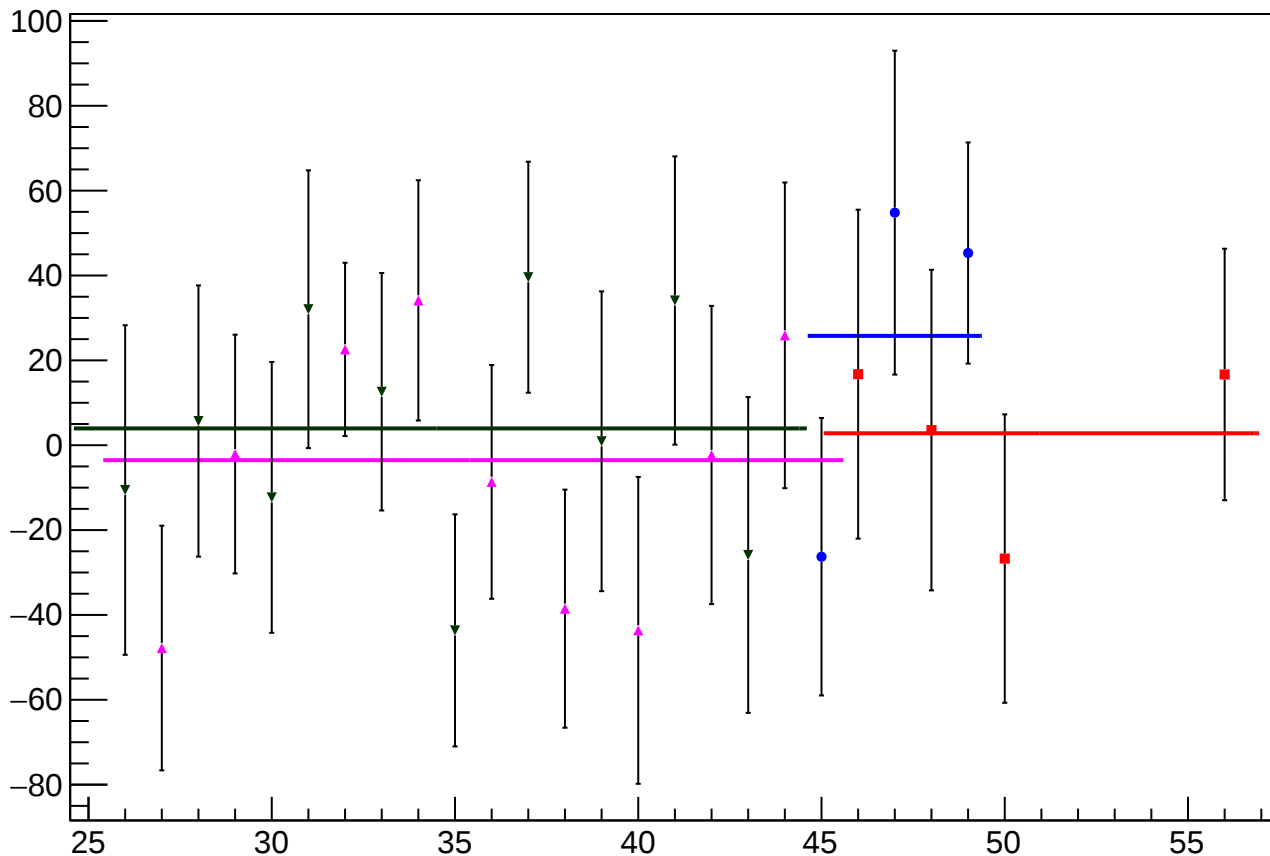
Right Out: 148.310 $\pm$ 0.078 χ^2 /NDF: 16829.4/3

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF:383181.0/8

134.893 $\pm$ 0.037 χ^2 /NDF: 430616.3/12

125.220 $\pm$ 0.033 χ^2 /NDF: 505818.0/12

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 25.771+/-17.979 χ^2/NDF : 3.7/2

Left Out: 3.960+/-10.046 χ^2/NDF : 7.4/9

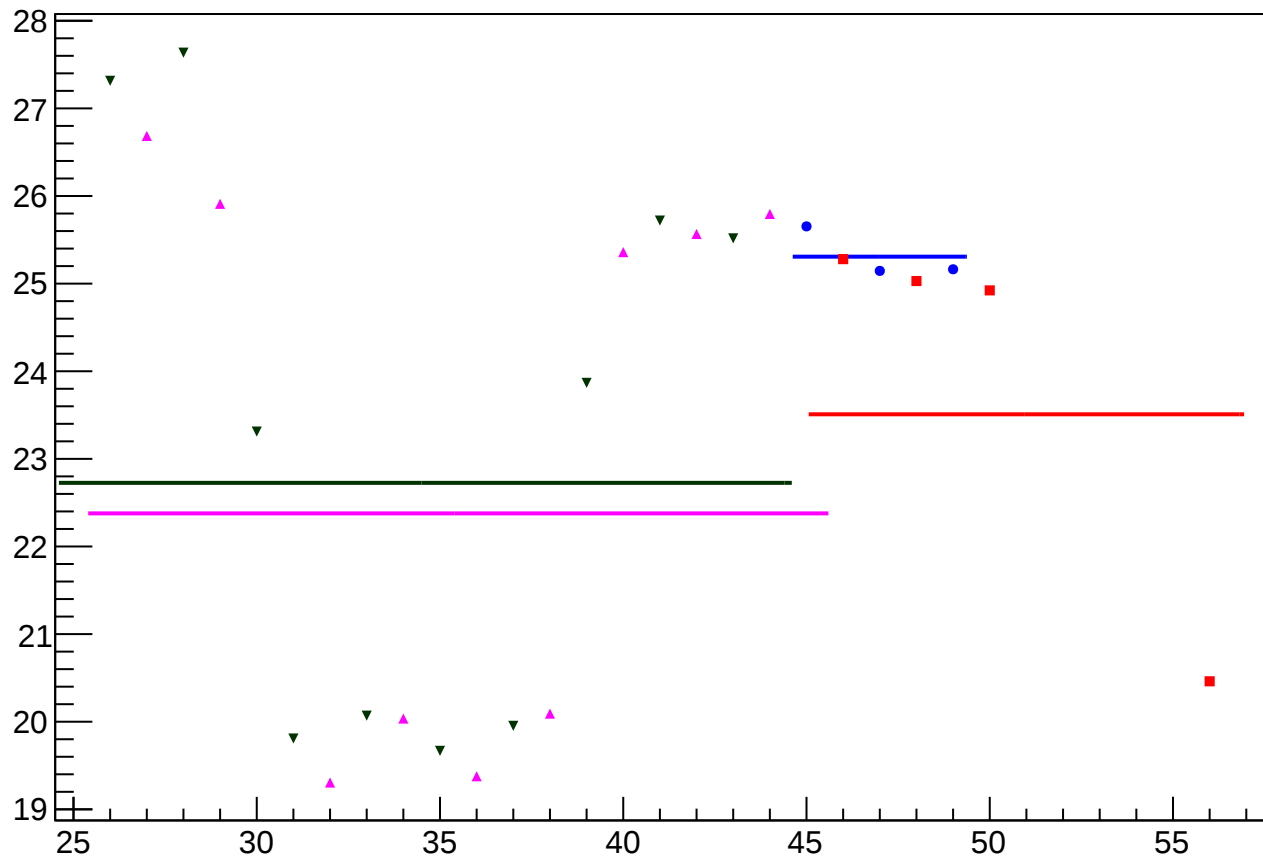
Right Out: 2.821+/-17.227 χ^2/NDF : 1.1/3

Left In: -3.528+/-9.515 χ^2/NDF : 9.3/8

9.150+/-8.770 χ^2/NDF : 12.2/12

-2.044+/-8.329 χ^2/NDF : 10.5/12

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

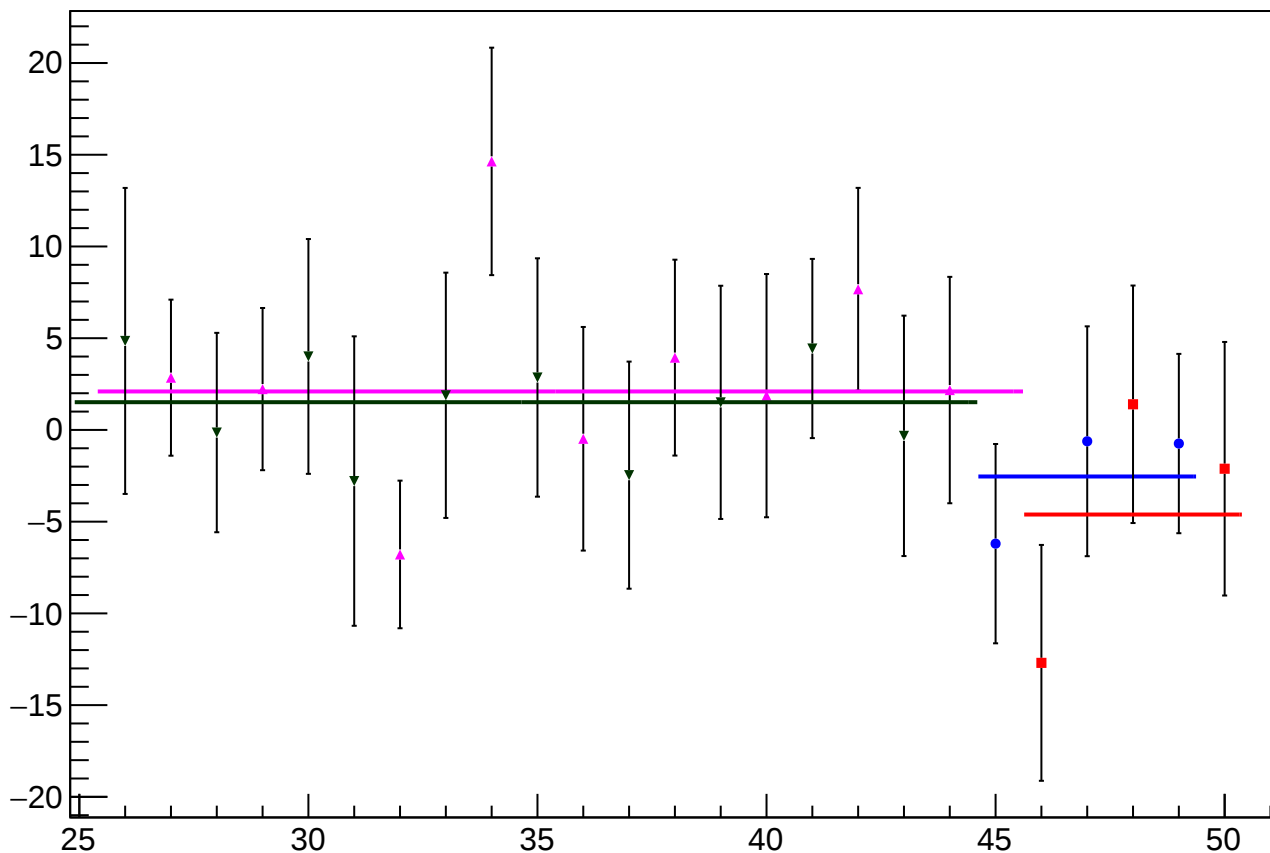
Right Out: 23.509 $\pm$ 0.012 χ^2/NDF : 32016.3/3

Left In: 22.378 $\pm$ 0.007 χ^2/NDF : 220187.8/8

23.341 $\pm$ 0.006 χ^2/NDF : 216062.8/12

22.642 $\pm$ 0.006 χ^2/NDF : 258808.4/12

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

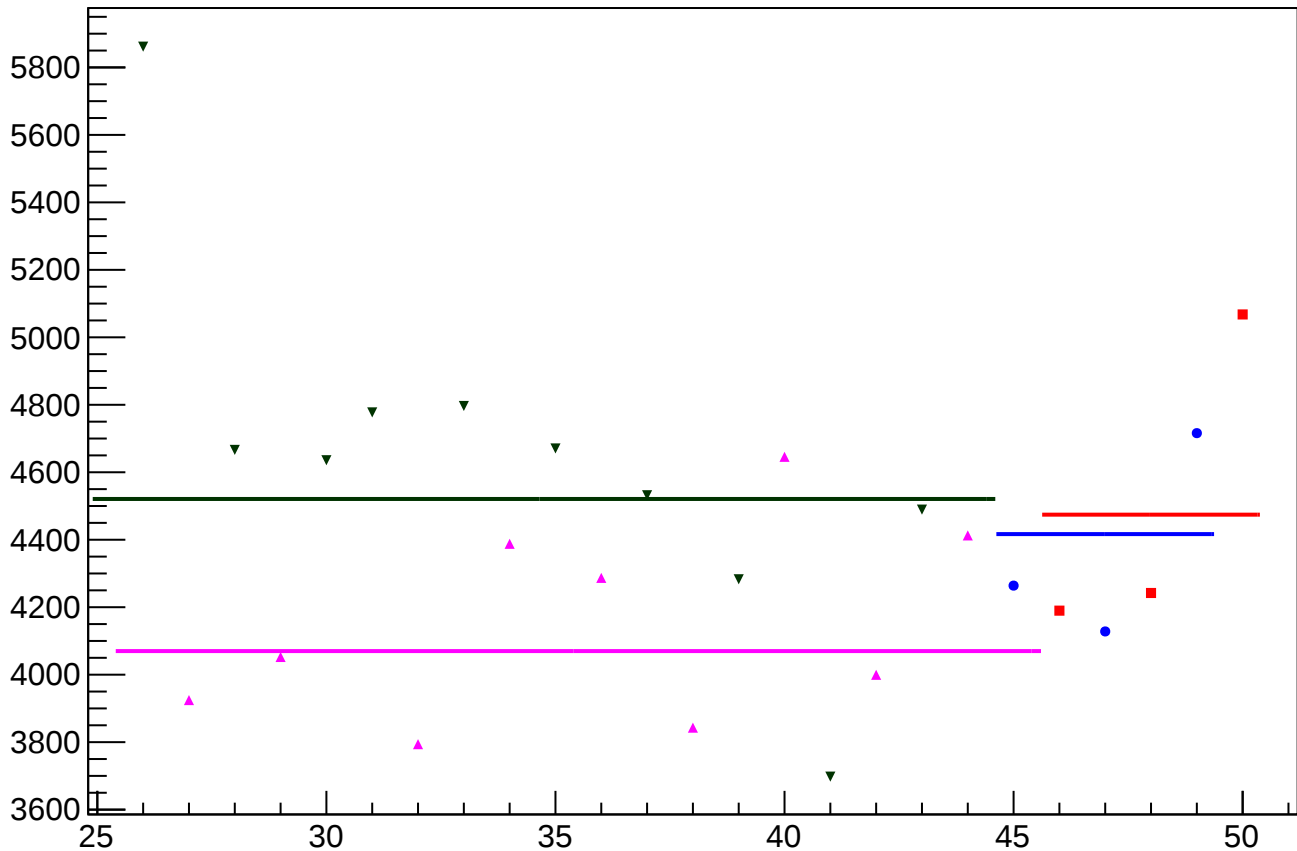
Right Out: -4.611 ± 3.807 χ^2/NDF : 2.6/2

Left In: 2.097 ± 1.720 χ^2/NDF : 10.3/8

0.348 ± 1.685 χ^2/NDF : 3.5/12

0.960 ± 1.567 χ^2/NDF : 15.5/11

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

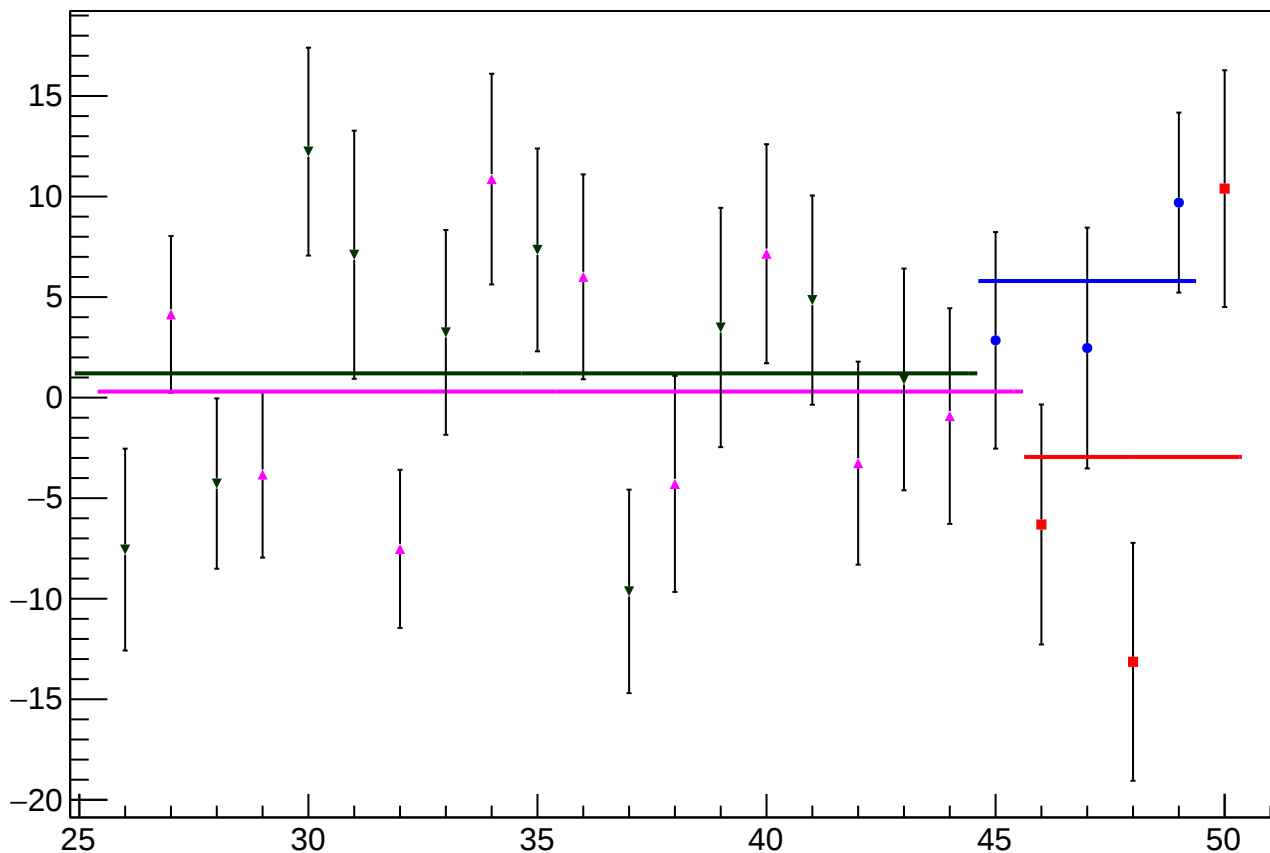
4490.908+/-1.192 χ^2/NDF : 134875.0/12

Right Out: 4474.335+/-2.692 χ^2/NDF : 21240.8/2

4138.502+/-1.108 χ^2/NDF : 84757.3/11

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

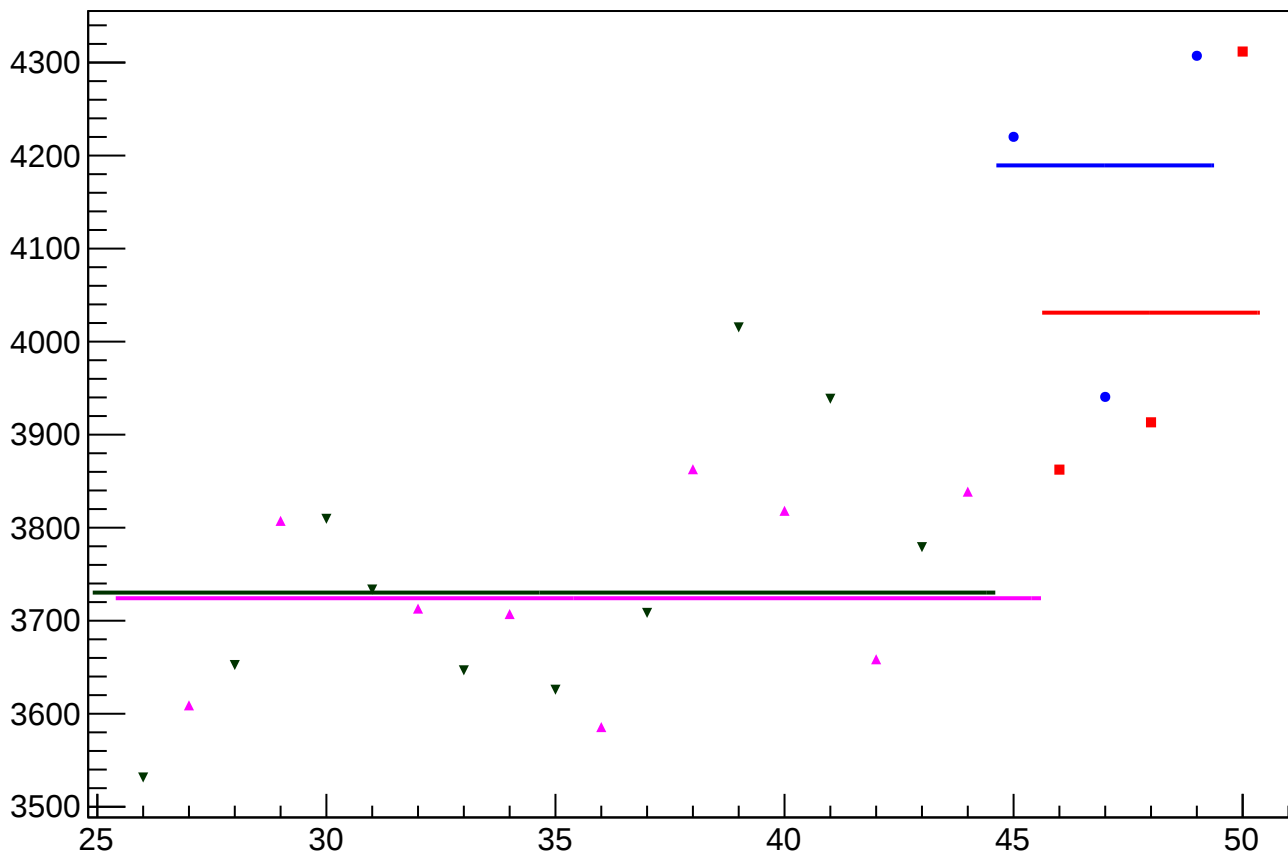
Right Out: -2.951 ± 3.420 χ^2/NDF : 8.4/2

Left In: 0.303 ± 1.568 χ^2/NDF : 14.1/8

2.267 ± 1.434 χ^2/NDF : 20.3/12

-0.263 ± 1.426 χ^2/NDF : 23.3/11

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

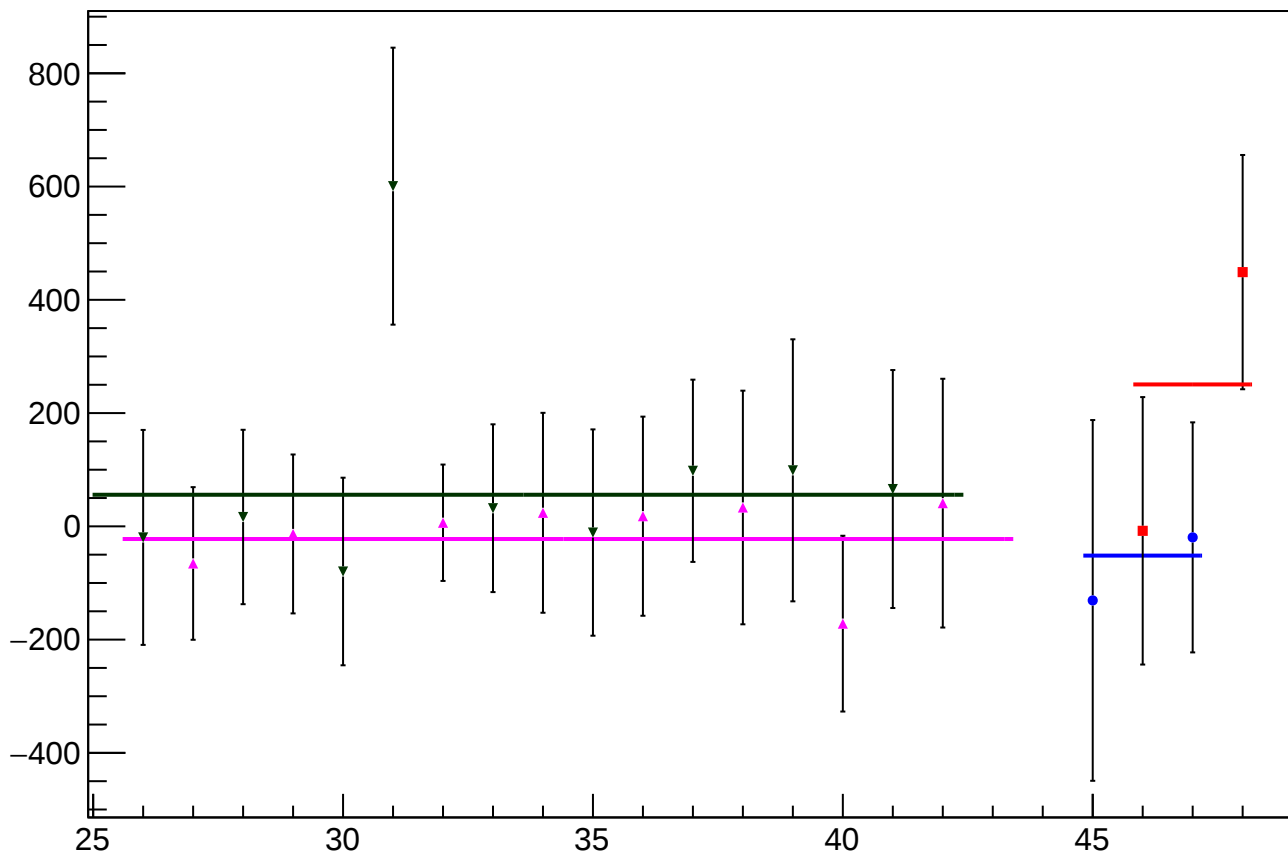
Right Out: 4031.129+/-2.418 χ^2/NDF : 6941.7/2

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3836.234+/-1.014 χ^2/NDF : 55004.2/12

3777.516+/-1.008 χ^2/NDF : 27508.7/11

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 $\pm$ 171.258 χ^2/NDF : 0.1/1

Left Out: 55.788 $\pm$ 59.892 χ^2/NDF : 6.1/8

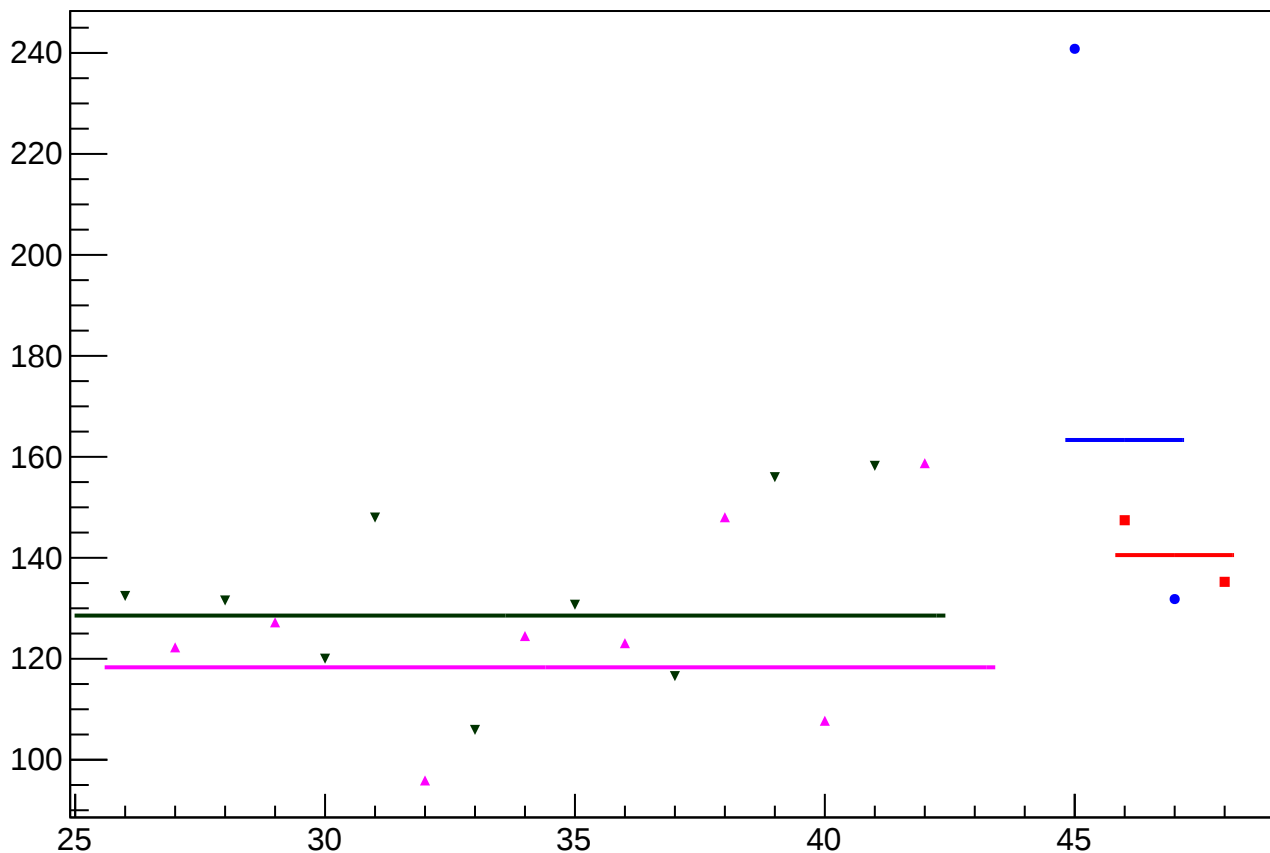
Right Out: 250.594 $\pm$ 155.594 χ^2/NDF : 2.1/1

Left In: -22.351 $\pm$ 53.393 χ^2/NDF : 1.4/7

44.079 $\pm$ 56.535 χ^2/NDF : 6.6/10

6.403 $\pm$ 50.502 χ^2/NDF : 6.3/9

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340+/-0.121 χ^2/NDF : 166487.1/1

Left Out: 128.560+/-0.042 χ^2/NDF : 145575.3/8

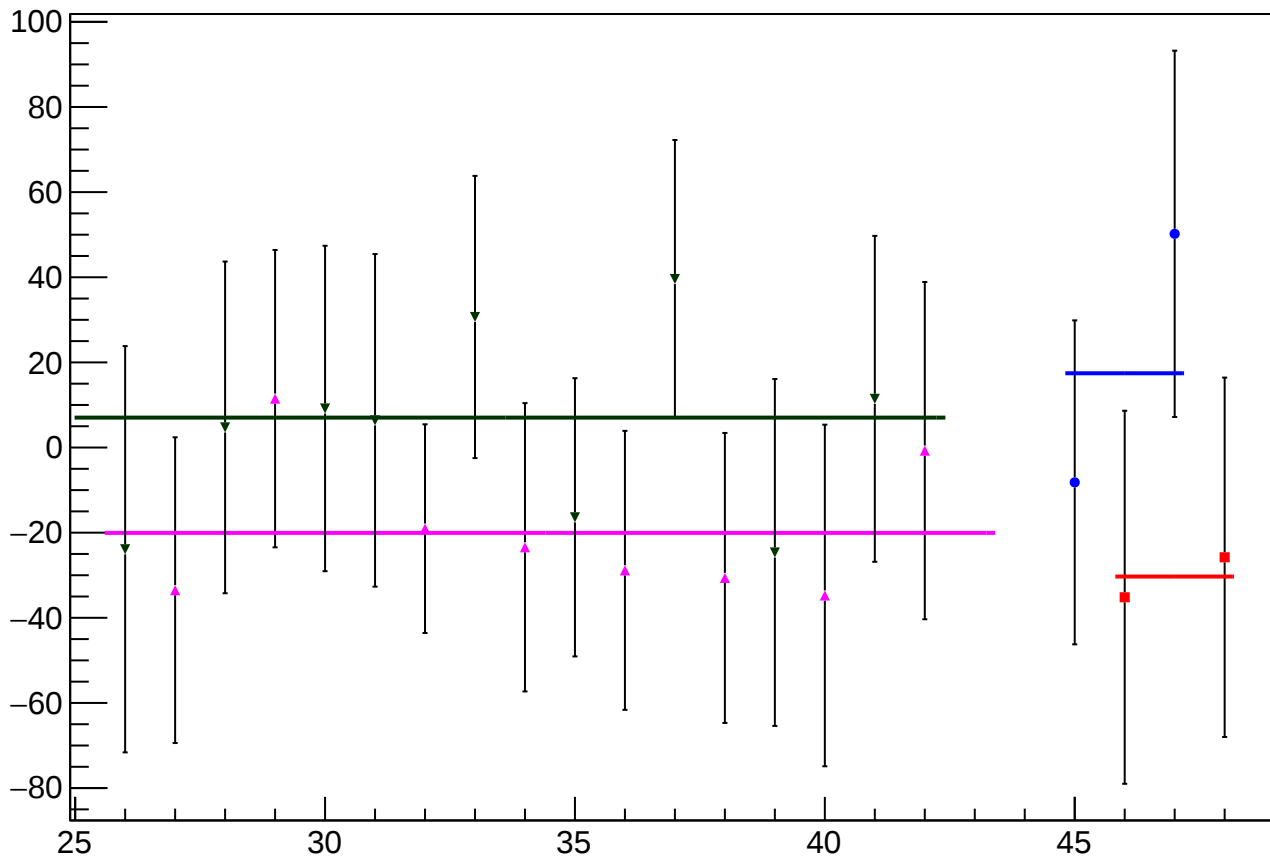
Right Out: 140.541+/-0.110 χ^2/NDF : 3022.7/1

Left In: 118.311+/-0.038 χ^2/NDF : 227483.3/7

132.350+/-0.040 χ^2/NDF : 385559.7/10

120.652+/-0.036 χ^2/NDF : 267030.1/9

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

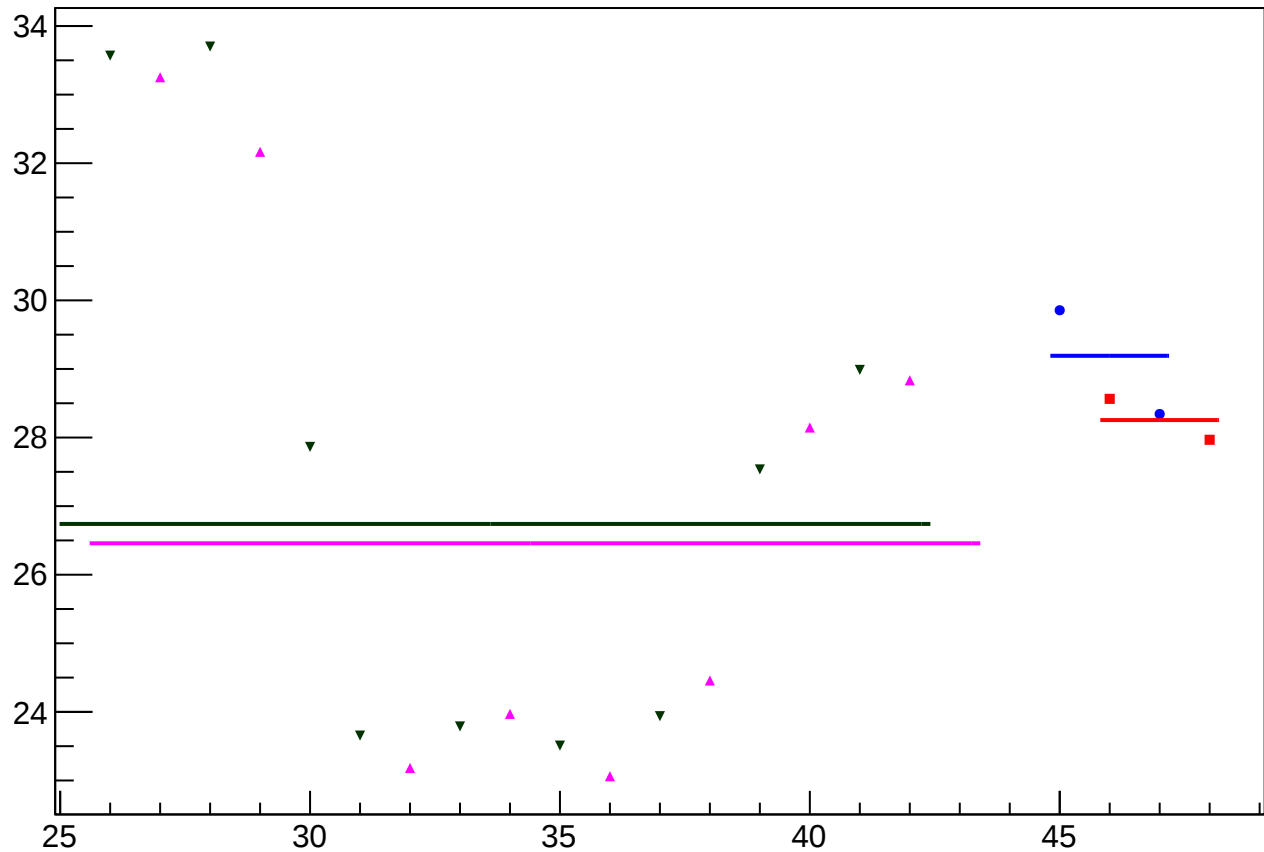
Right Out: -30.306 $\pm$ 30.400 χ^2/NDF : 0.0/1

Left In: -20.053 $\pm$ 11.799 χ^2/NDF : 1.5/7

8.686 $\pm$ 11.369 χ^2/NDF : 4.2/10

-21.395 $\pm$ 10.999 χ^2/NDF : 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2 /NDF: 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2 /NDF:176771.5/8

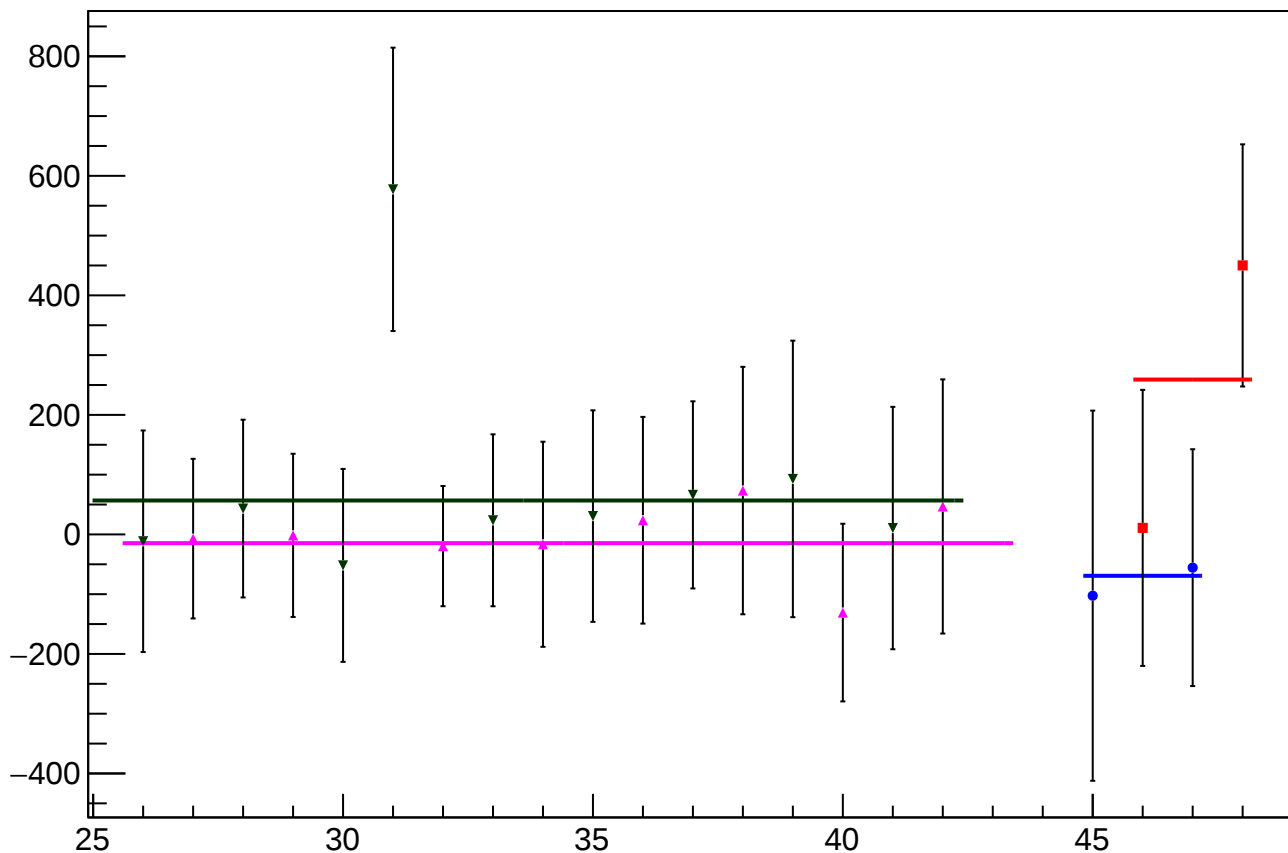
27.130 $\pm$ 0.008 χ^2 /NDF: 190601.8/10

Right Out: 28.255 $\pm$ 0.021 χ^2 /NDF: 192.3/1

26.693 $\pm$ 0.008 χ^2 /NDF: 216919.2/9

Left In: 26.458 $\pm$ 0.008 χ^2 /NDF:210657.2/7

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2 /NDF: 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2 /NDF: 5.6/8

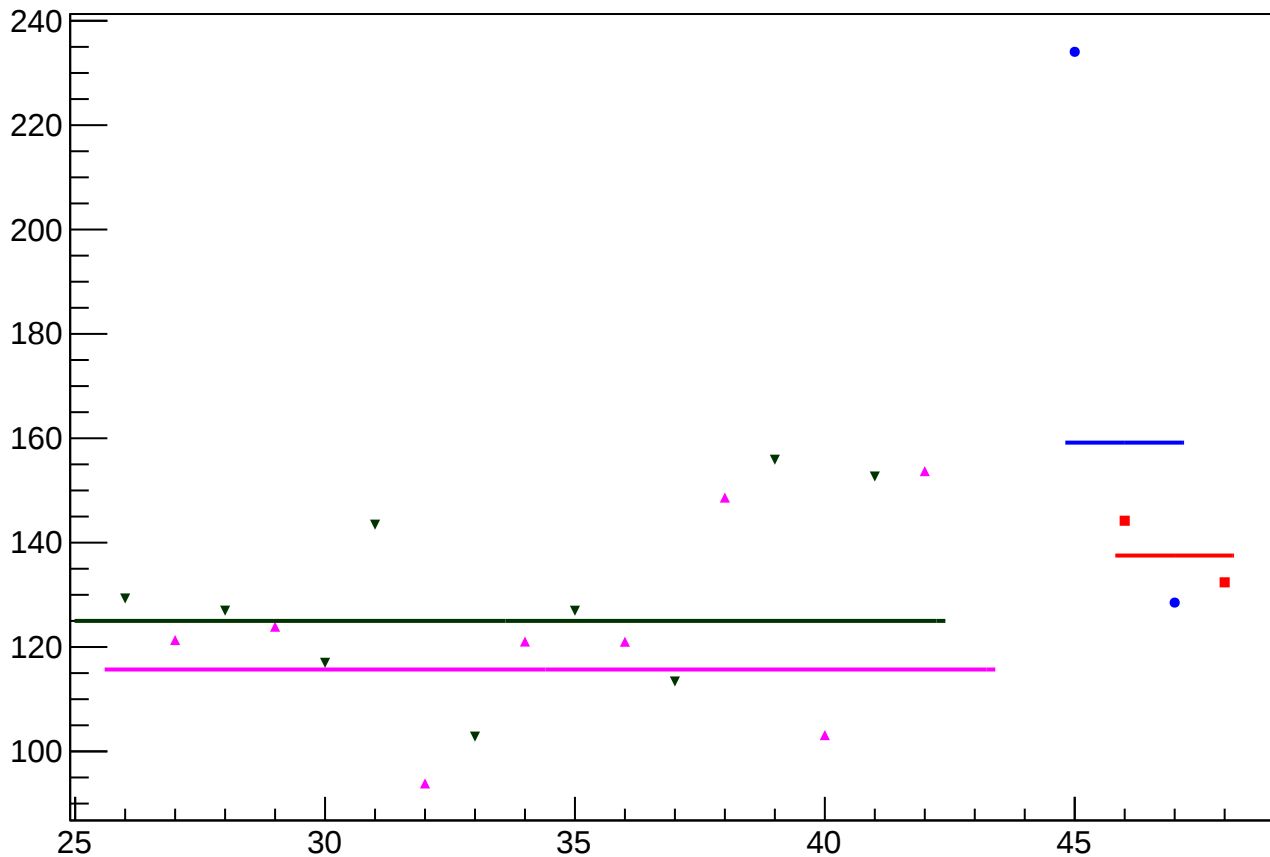
Right Out: 259.134 $\pm$ 152.302 χ^2 /NDF: 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2 /NDF: 0.9/7

43.074 $\pm$ 55.012 χ^2 /NDF: 6.1/10

14.199 $\pm$ 49.403 χ^2 /NDF: 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167 $\pm$ 0.118 χ^2 /NDF: 164807.4/1

Left Out: 125.005 $\pm$ 0.041 χ^2 /NDF: 150125.6/8

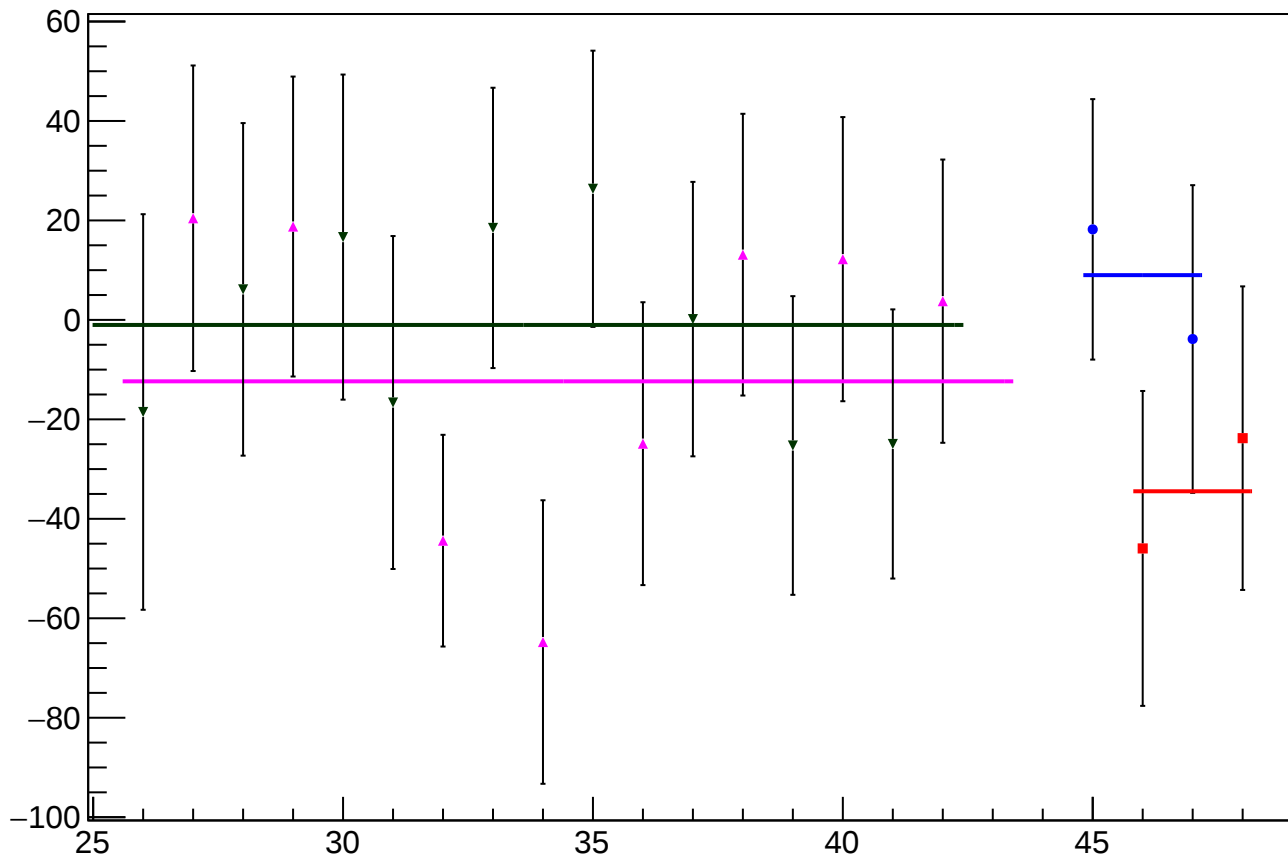
Right Out: 137.529 $\pm$ 0.108 χ^2 /NDF: 2951.2/1

Left In: 115.690 $\pm$ 0.037 χ^2 /NDF: 237670.3/7

128.716 $\pm$ 0.039 χ^2 /NDF: 389614.7/10

117.988 $\pm$ 0.035 χ^2 /NDF: 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2/NDF : 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2/NDF : 3.6/8

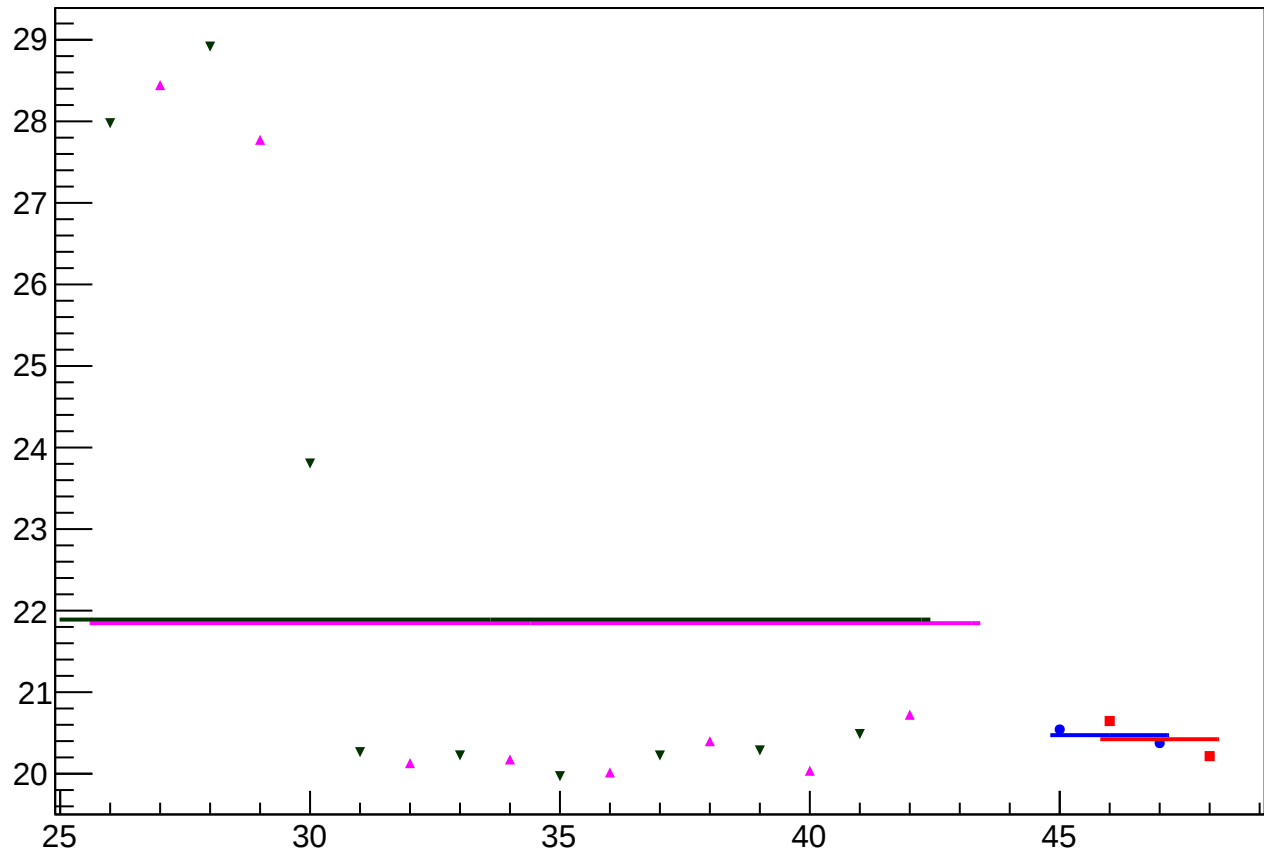
Right Out: -34.463 $\pm$ 21.974 χ^2/NDF : 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2/NDF : 9.9/7

1.038 $\pm$ 9.053 χ^2/NDF : 4.1/10

-15.987 $\pm$ 8.906 χ^2/NDF : 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

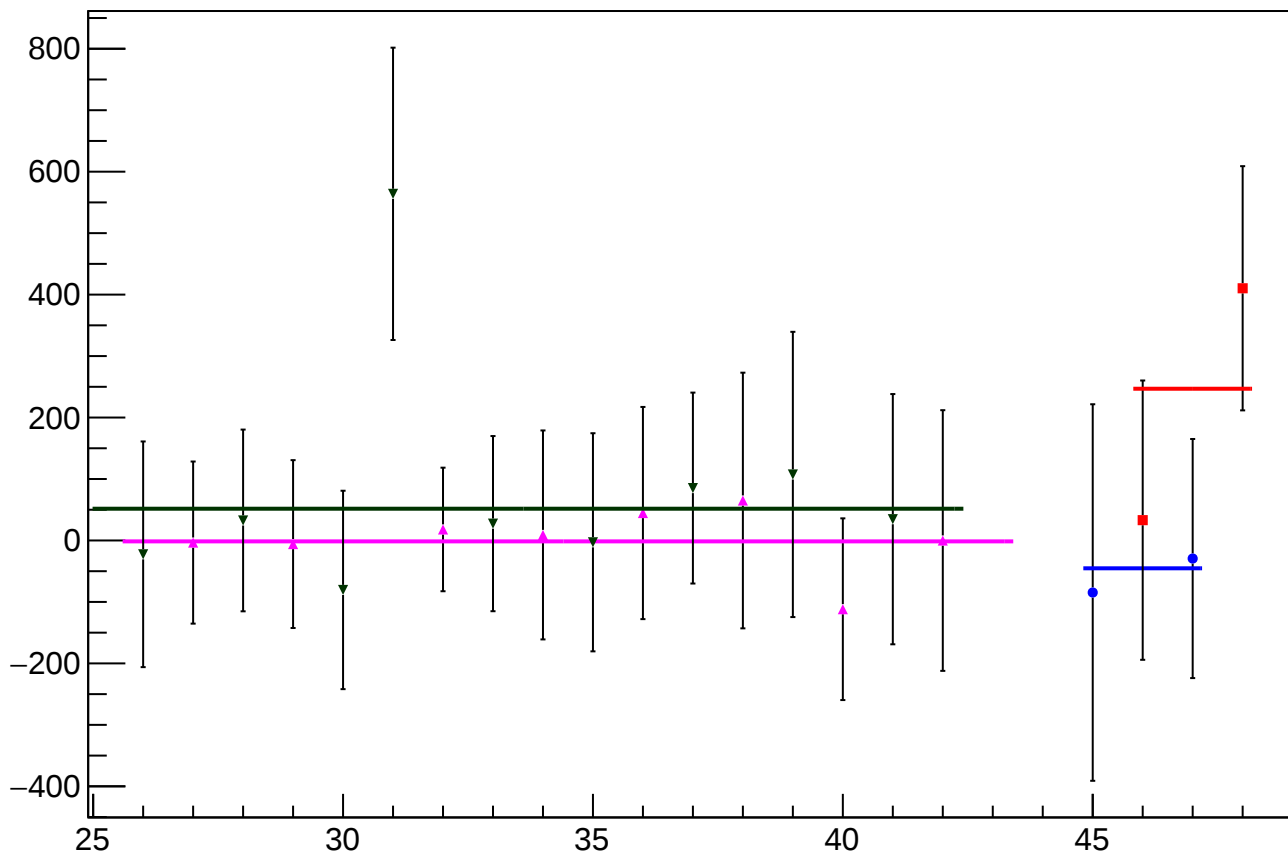
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

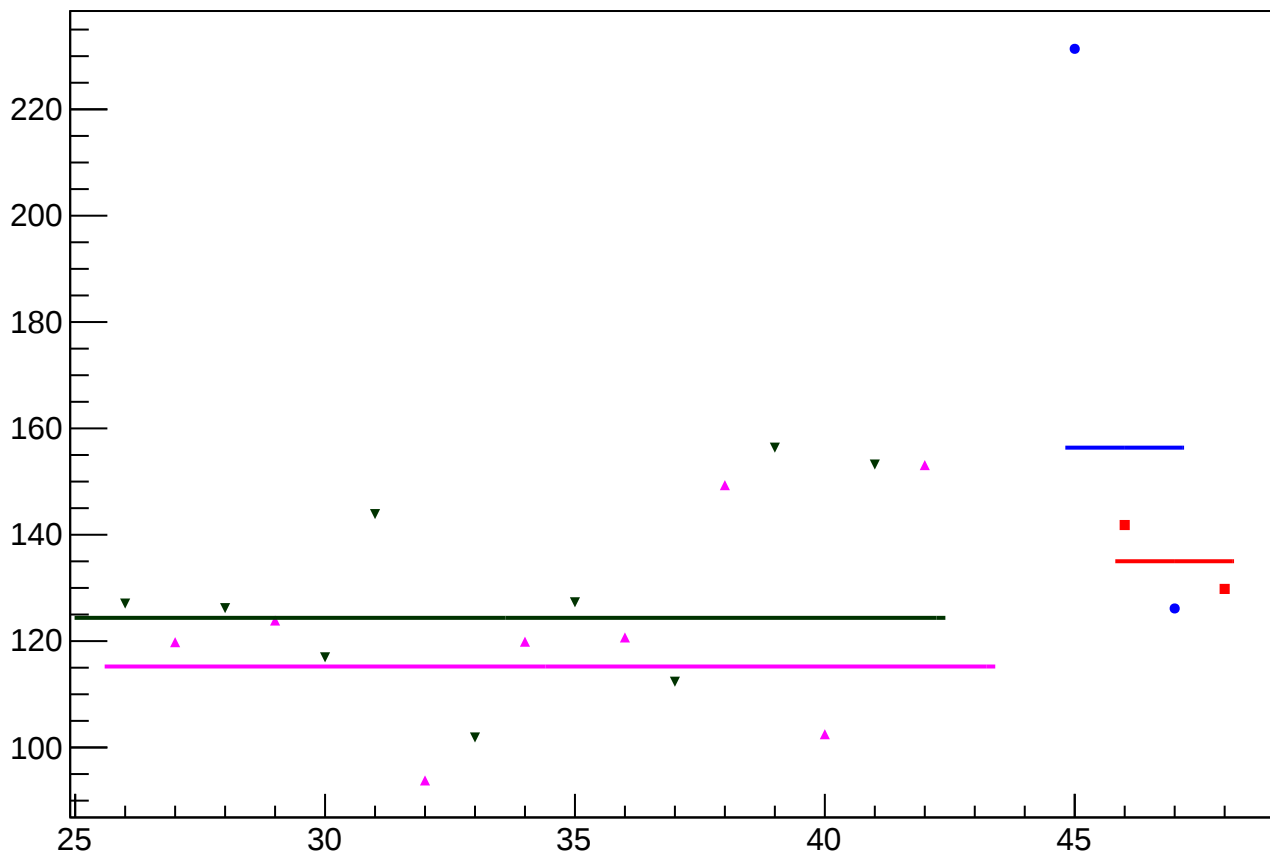
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF: 0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

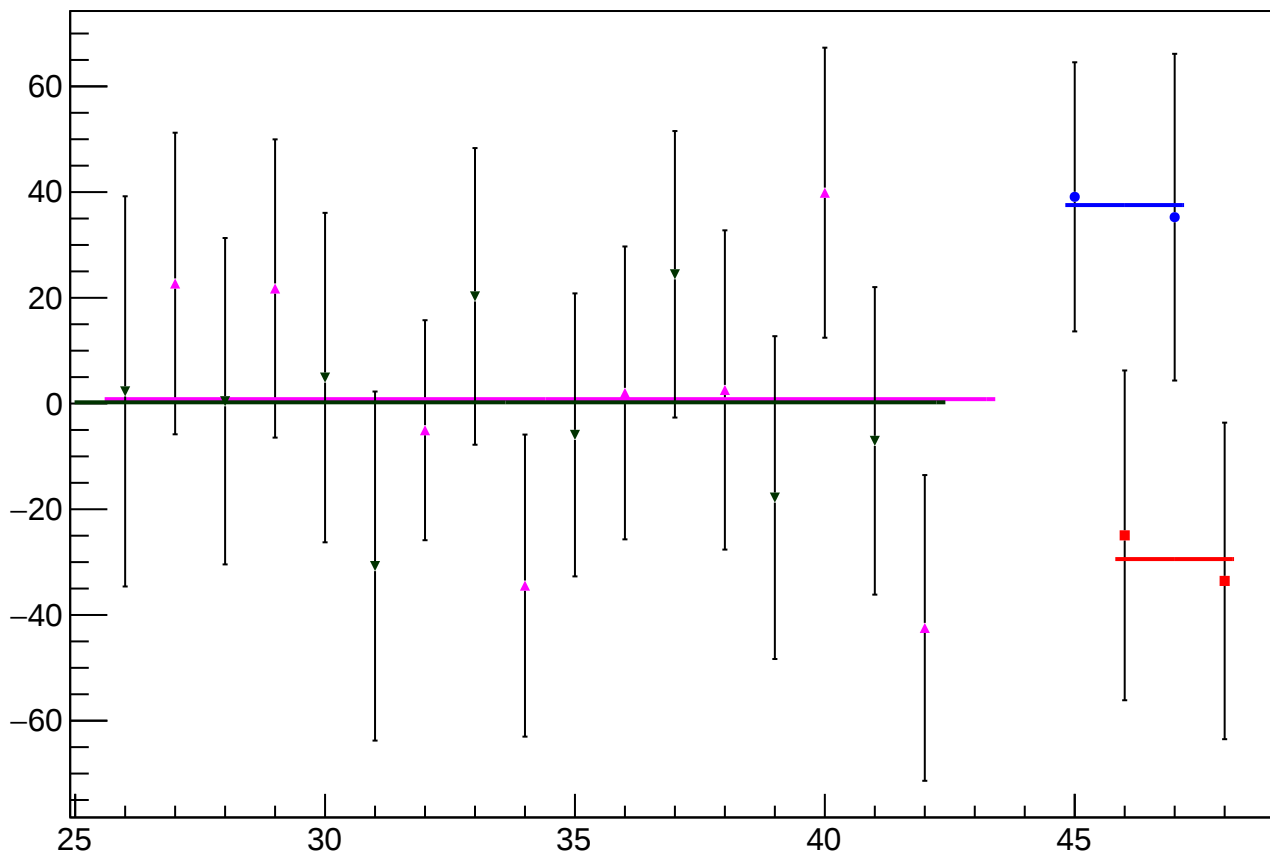
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

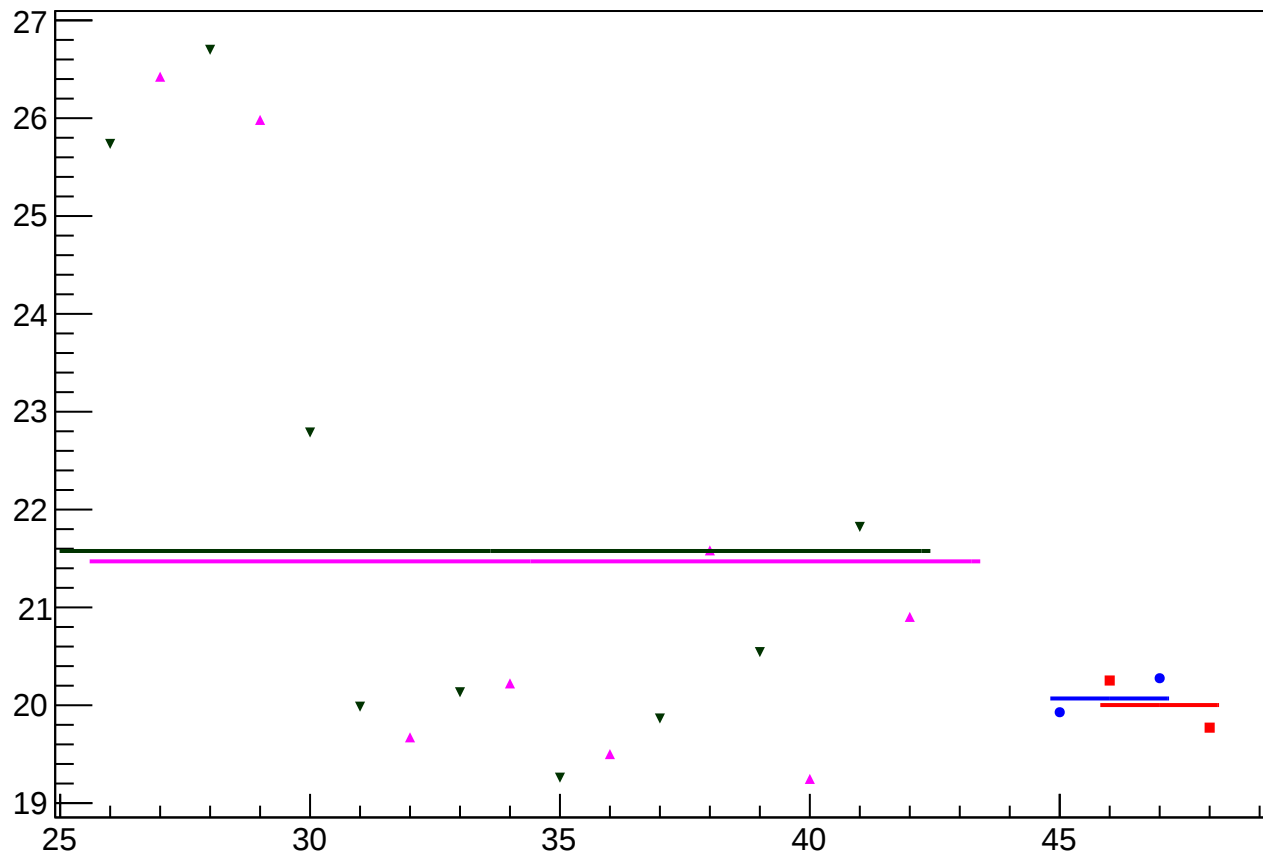
Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

7.902+/-8.908 χ^2/NDF : 5.6/10

-4.125+/-8.742 χ^2/NDF : 8.7/9

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 $\pm$ 0.014 χ^2 /NDF: 150.7/1

Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF: 118812.1/8

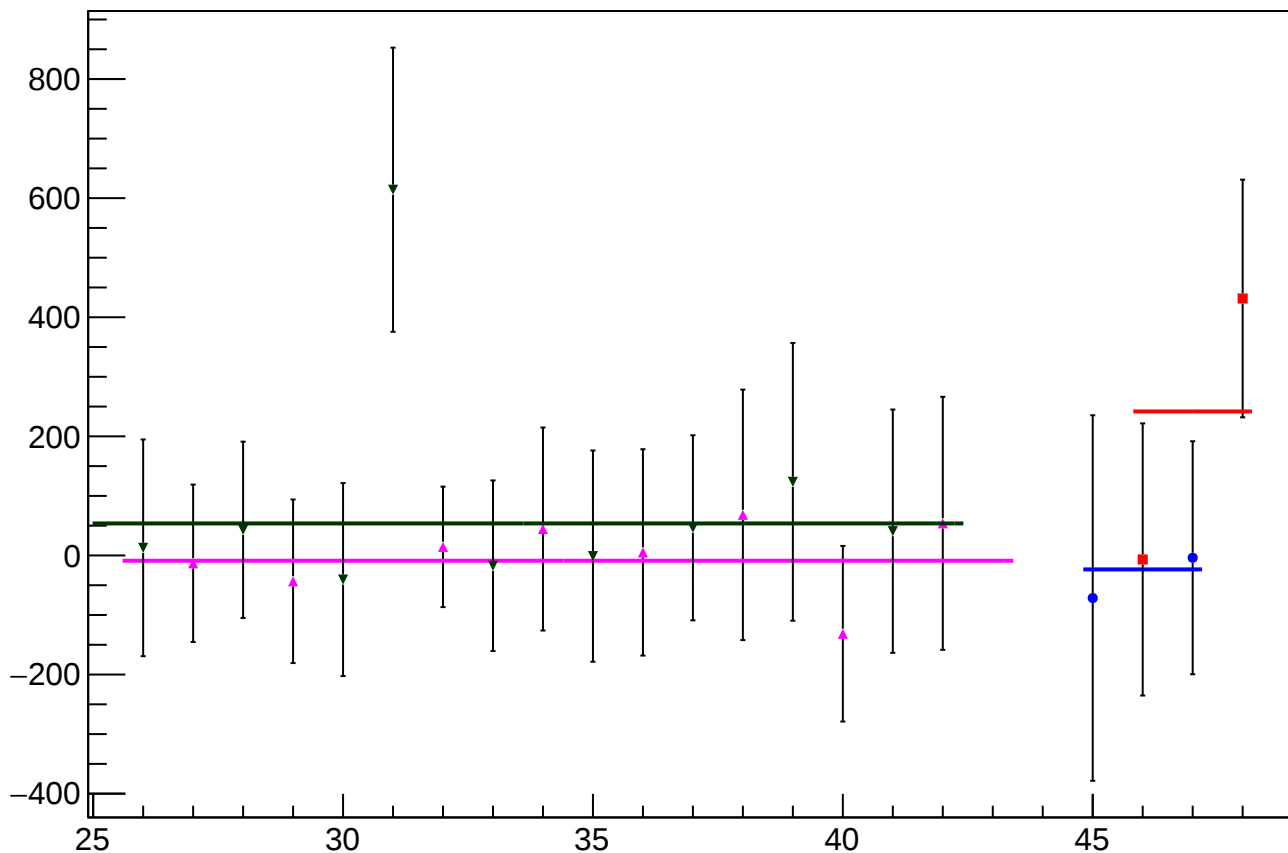
Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 248.4/1

Left In: 21.471 $\pm$ 0.007 χ^2 /NDF: 154241.5/7

21.267 $\pm$ 0.006 χ^2 /NDF: 128313.3/10

21.230 $\pm$ 0.006 χ^2 /NDF: 162220.1/9

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2/NDF : 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2/NDF : 6.3/8

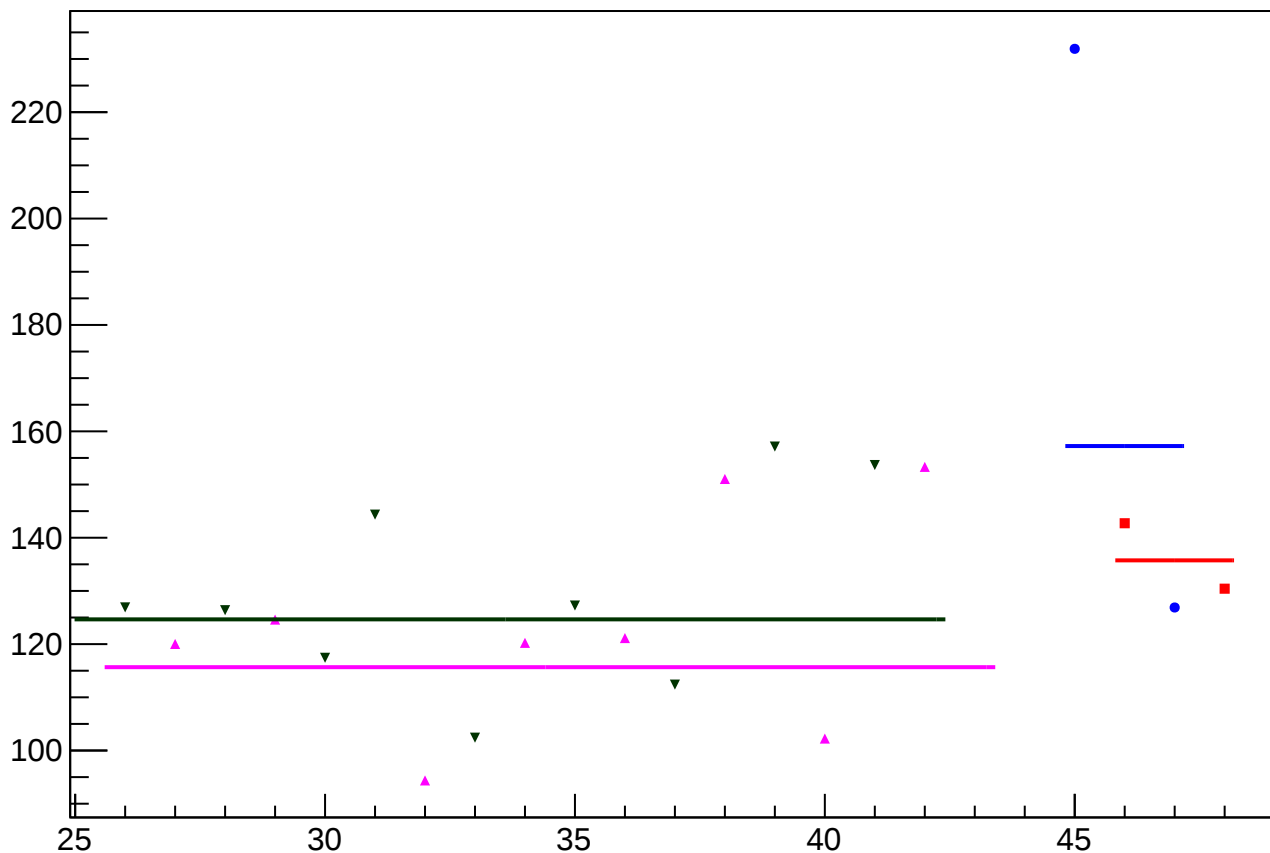
Right Out: 241.812 $\pm$ 150.311 χ^2/NDF : 2.1/1

Left In: -8.870 $\pm$ 52.228 χ^2/NDF : 1.1/7

45.213 $\pm$ 54.837 χ^2/NDF : 6.6/10

18.134 $\pm$ 49.334 χ^2/NDF : 5.7/9

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236 $\pm$ 0.117 χ^2 /NDF: 166522.0/1

Left Out: 124.654 $\pm$ 0.041 χ^2 /NDF: 158453.5/8

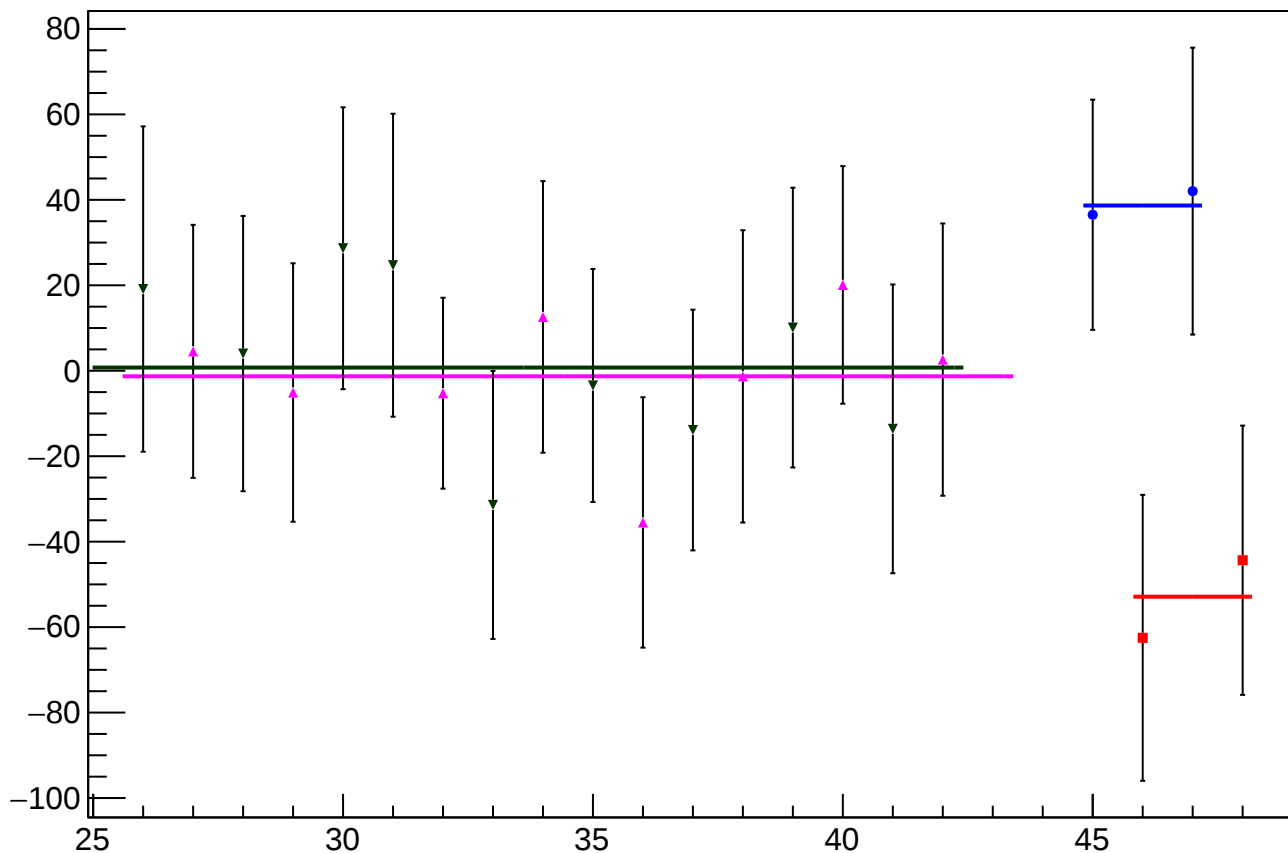
Right Out: 135.746 $\pm$ 0.106 χ^2 /NDF: 3289.9/1

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

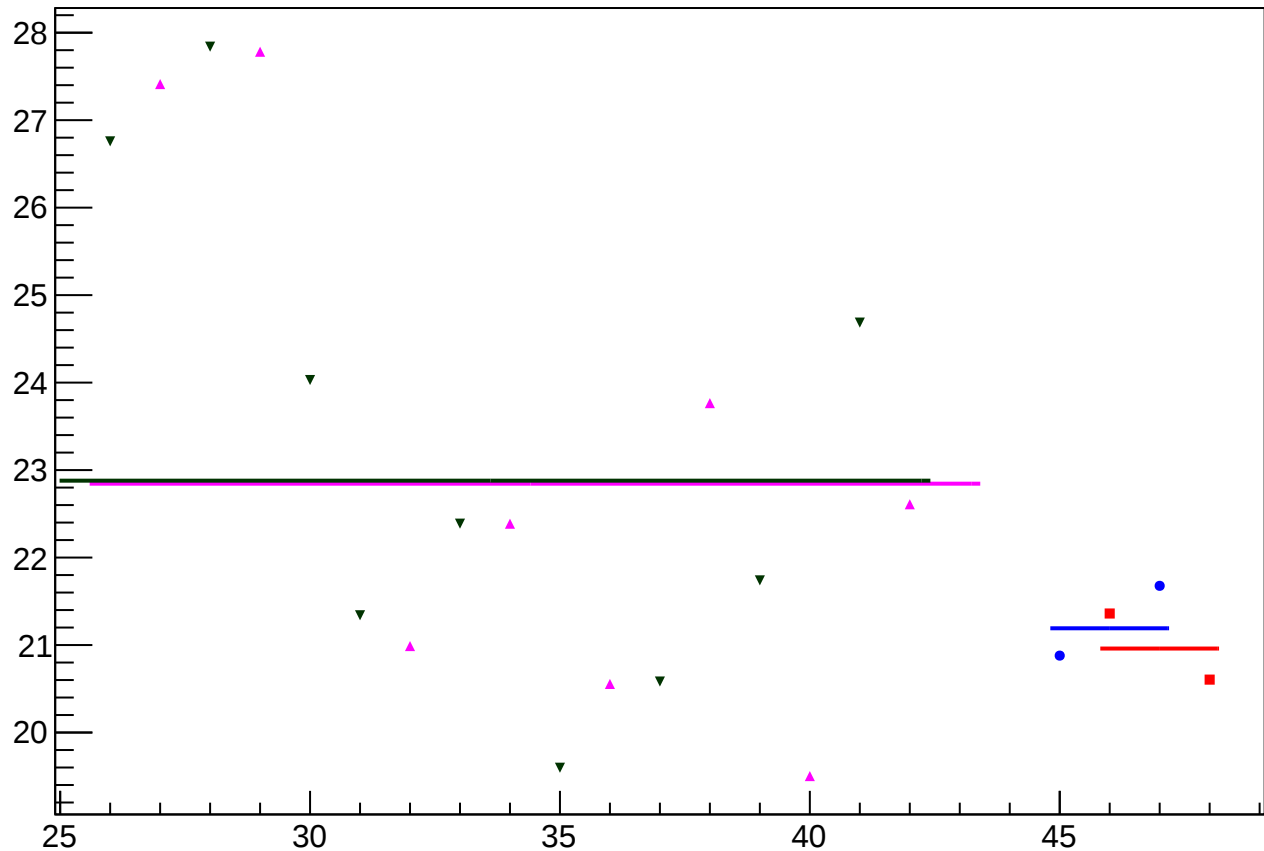
Right Out: -52.882+/-22.940 χ^2/NDF : 0.2/1

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

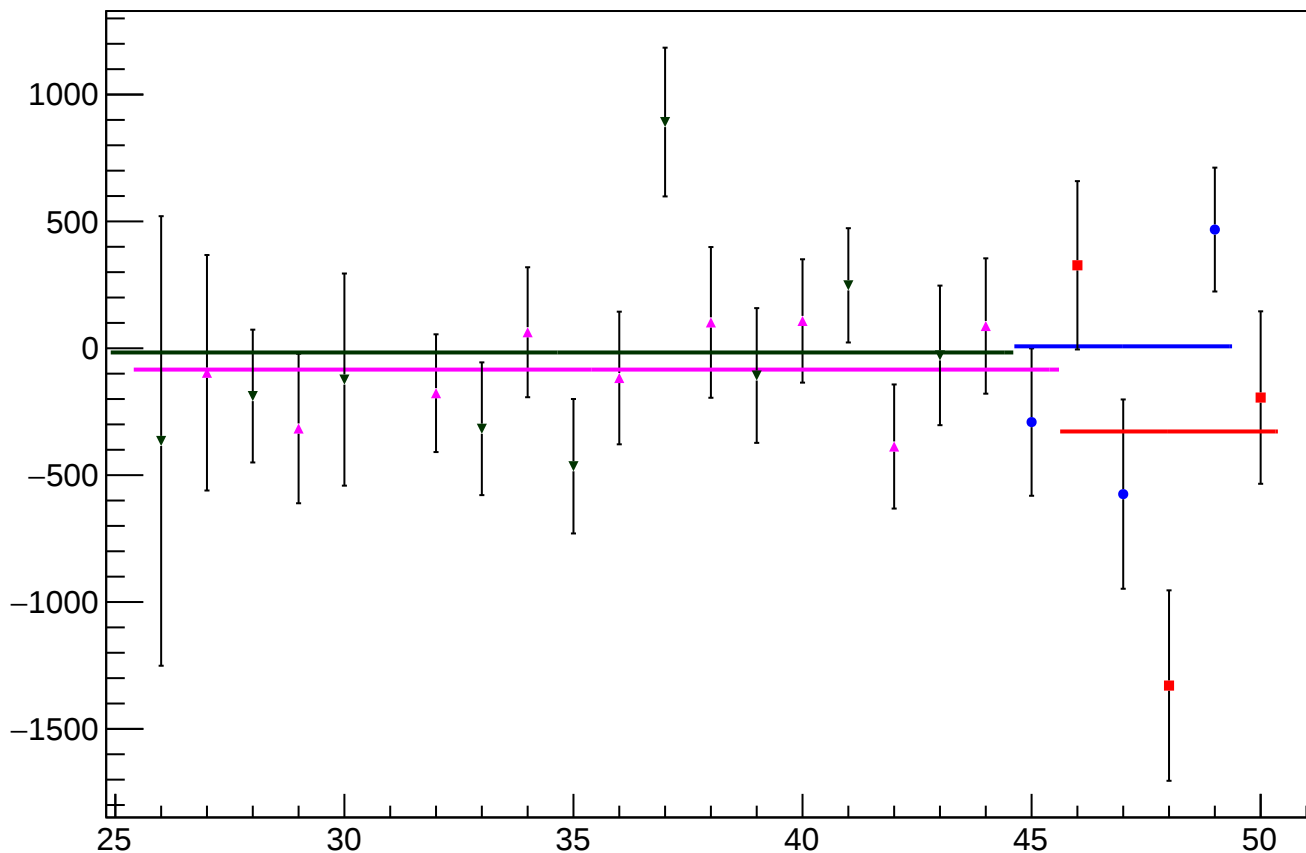
Right Out: 20.960±/0.016 χ^2/NDF : 540.7/1

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

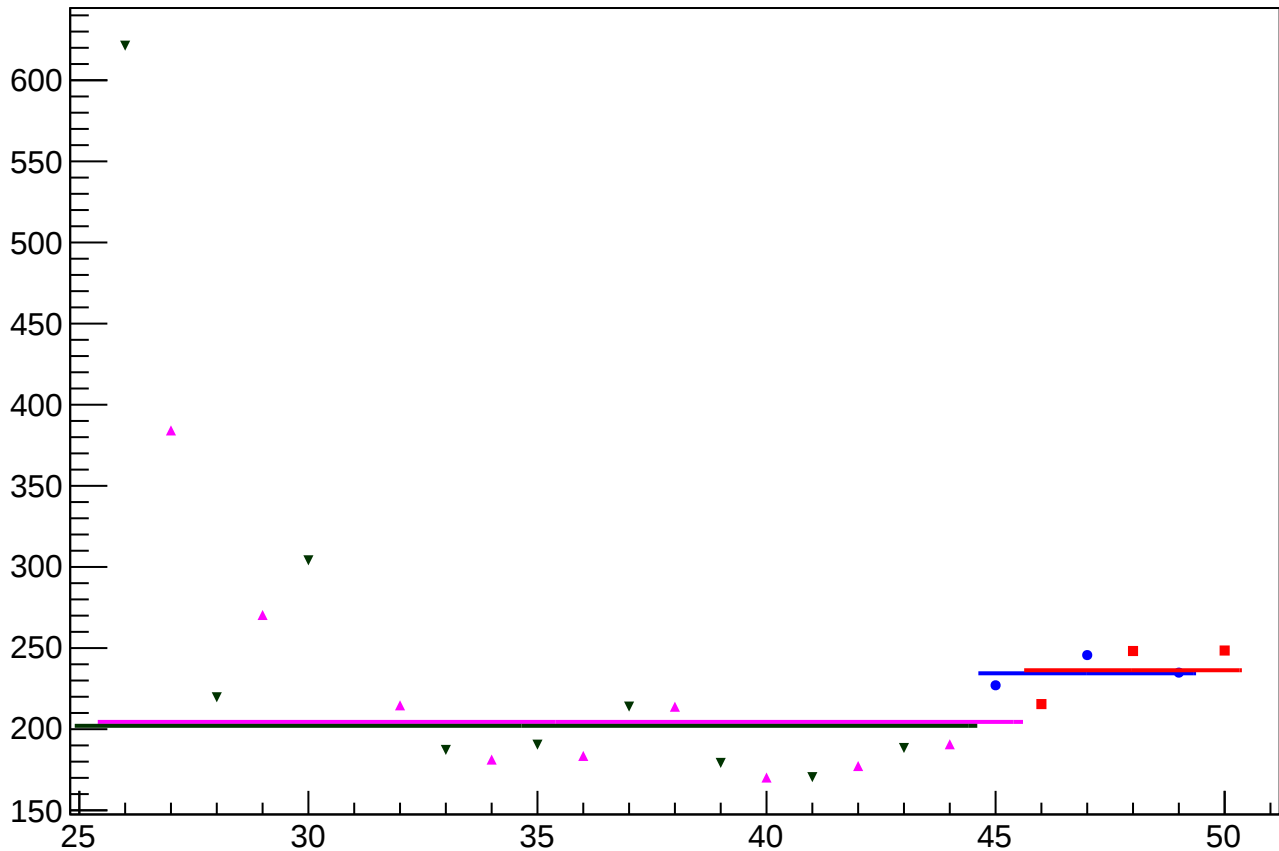
Right Out: -327.874+/-200.617 χ^2/NDF : 11.2/2

Left In: -83.982+/-89.928 χ^2/NDF :4.1/8

-10.528+/-83.032 χ^2/NDF : 23.0/11

-124.789+/-82.061 χ^2/NDF : 16.5/11

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

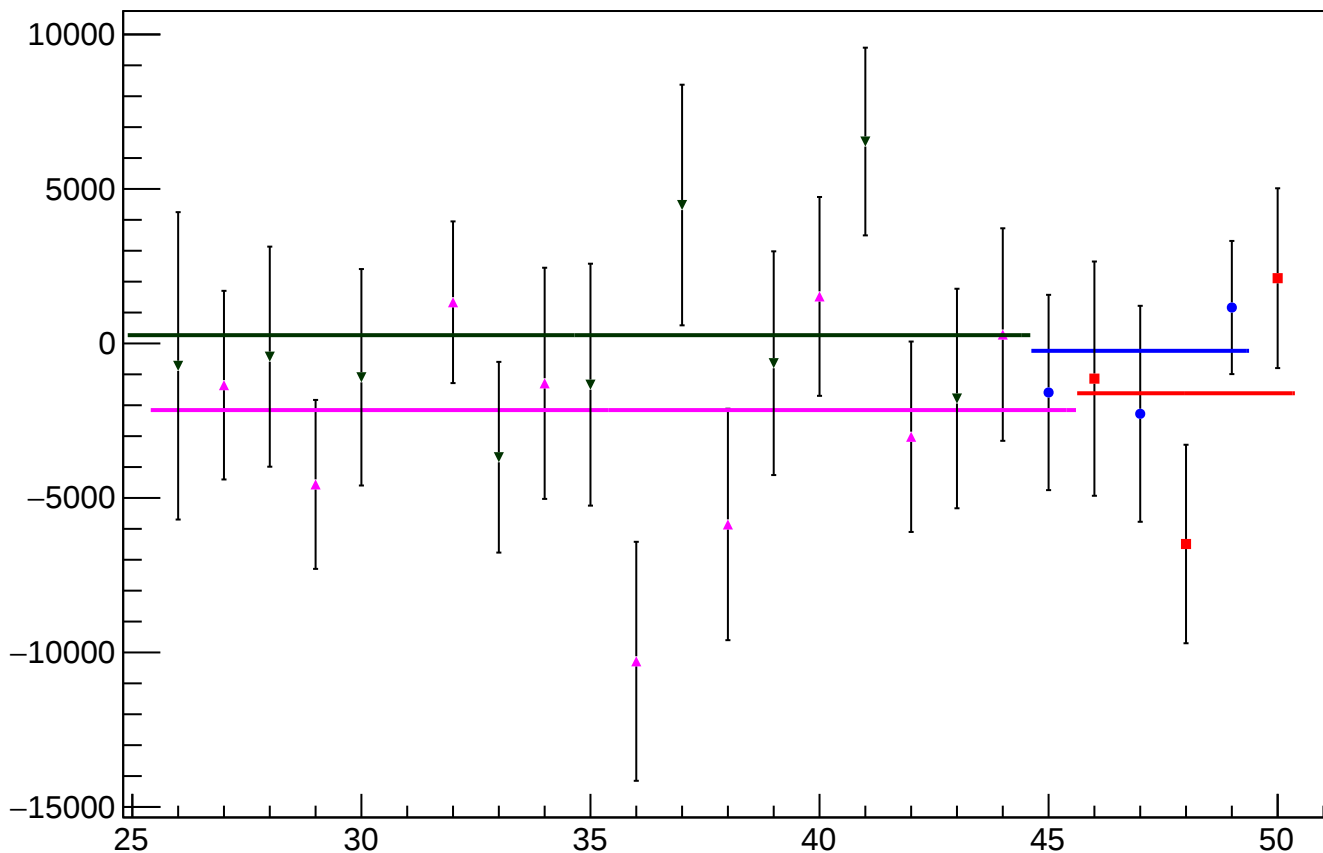
210.081+/-0.059 χ^2/NDF : 708462.0/11

Right Out: 236.332+/-0.142 χ^2/NDF : 12458.2/2

209.823+/-0.058 χ^2/NDF : 559260.8/11

Left In: 204.496+/-0.064 χ^2/NDF : 504865.3/8

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

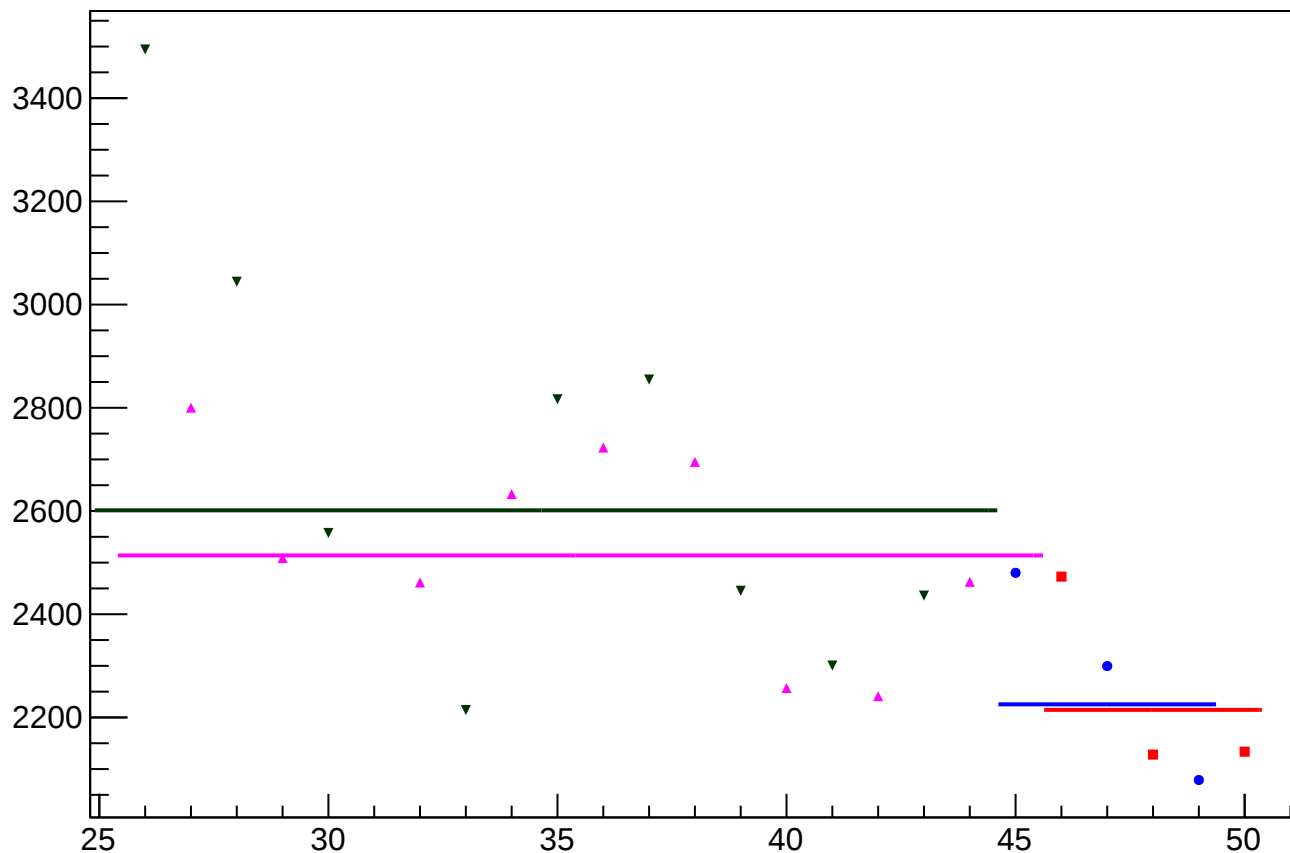
Right Out: -1612.136+/-1874.313 χ^2/NDF : 4.0/2

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

84.663+/-954.143 χ^2/NDF : 8.9/11

-2023.683+/-925.275 χ^2/NDF : 14.0/11

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

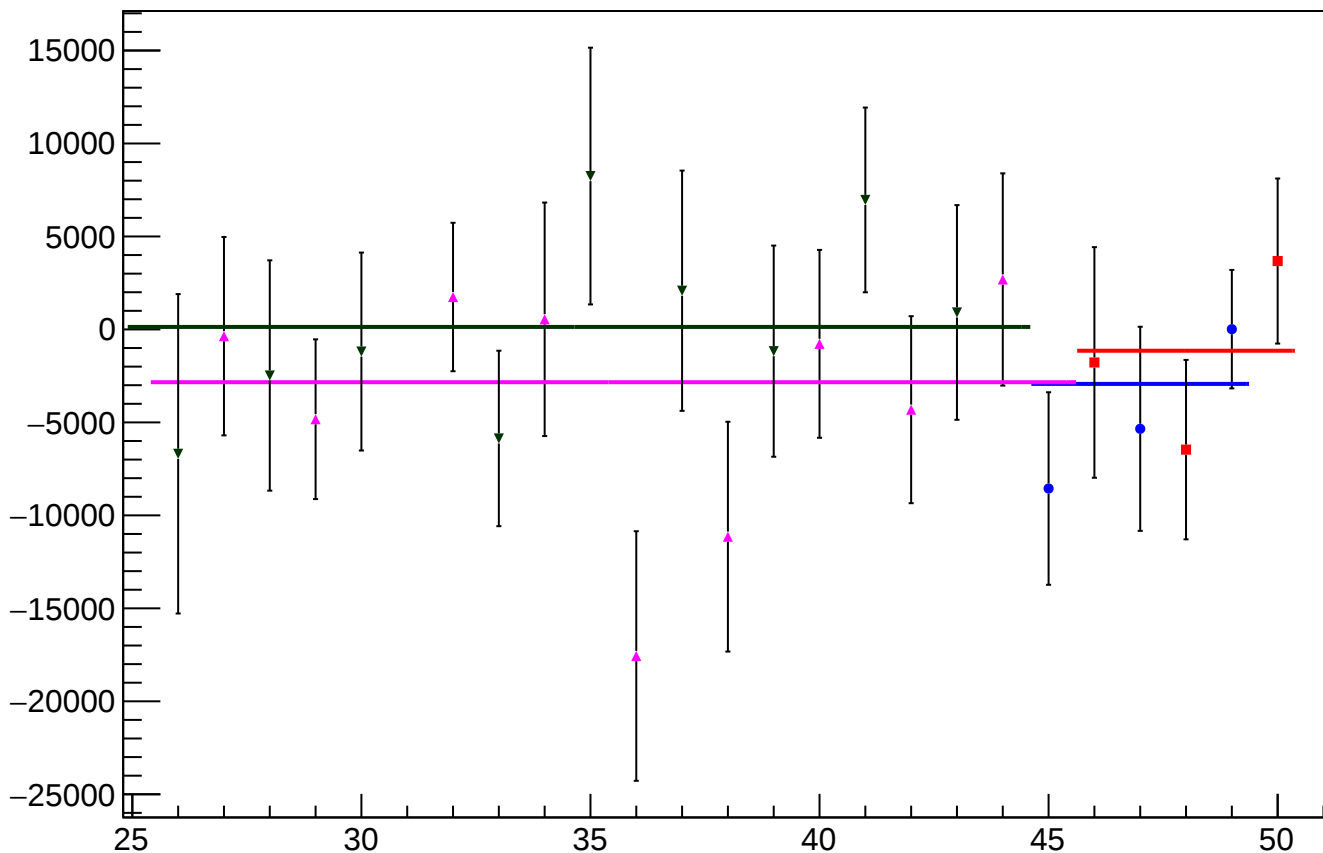
Right Out: 2214.689 ± 1.325 χ^2/NDF : 12284.1/2

Left In: 2513.941 ± 0.752 χ^2/NDF : 59816.2/8

2465.287 ± 0.675 χ^2/NDF : 264184.9/11

2441.013 ± 0.654 χ^2/NDF : 110658.2/11

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

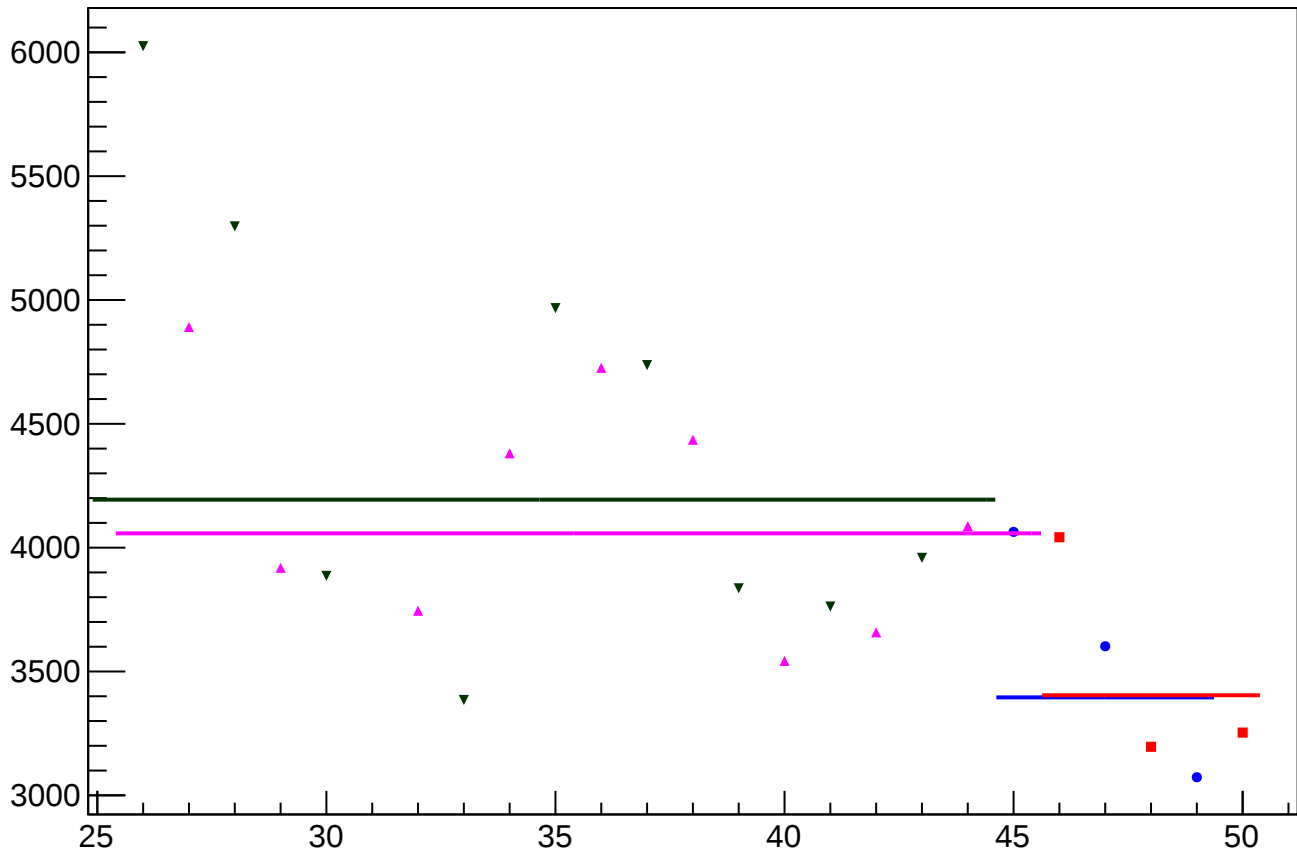
Right Out: -1146.109+/-2890.195 χ^2/NDF : 2.4/2

Left In: -2838.252+/-1727.002 χ^2/NDF :9.8/8

-1055.431+/-1515.541 χ^2/NDF : 9.1/11

-2393.035+/-1482.500 χ^2/NDF : 12.5/11

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

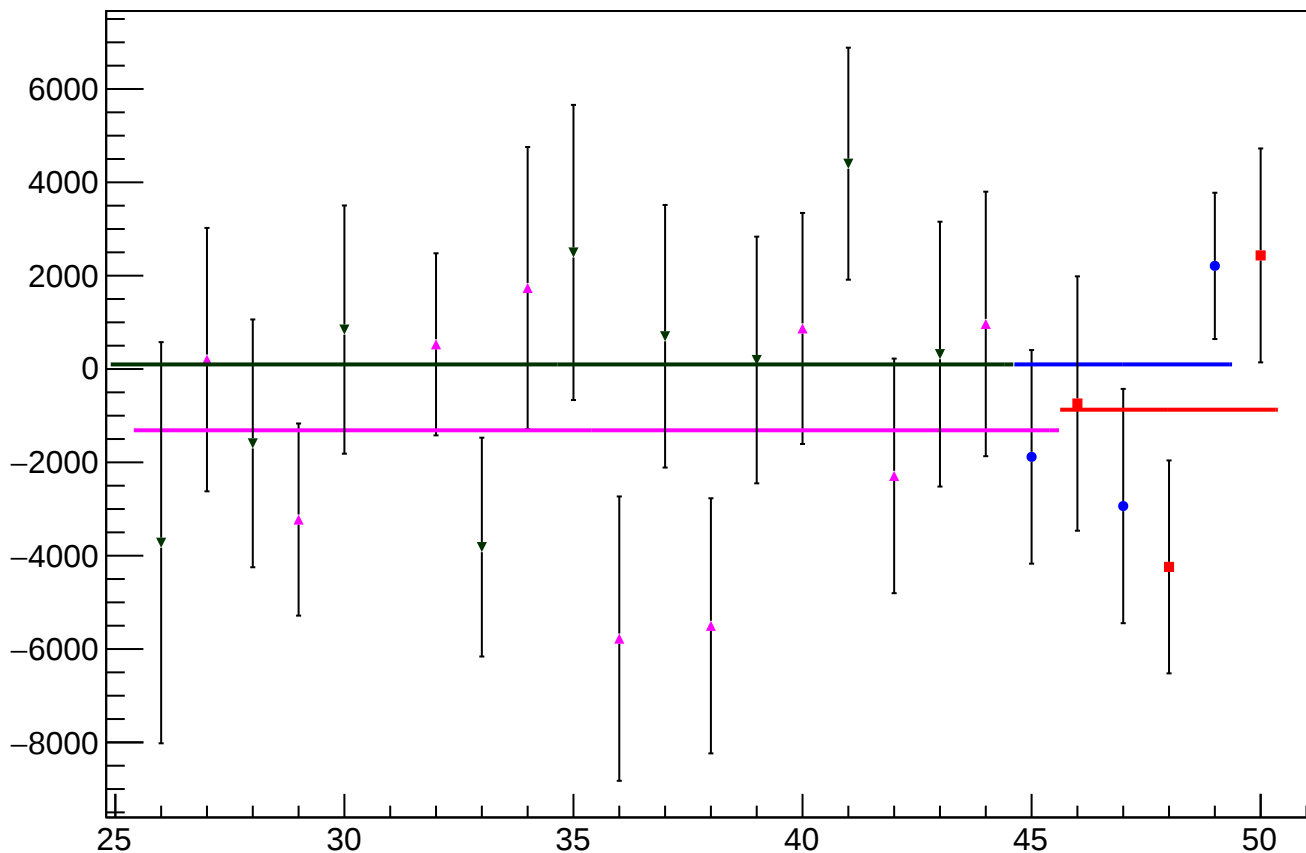
Right Out: 3404.071+/-2.044 χ^2/NDF : 27201.5/2

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

3883.832+/-1.072 χ^2/NDF : 473855.0/11

3885.812+/-1.048 χ^2/NDF : 231859.4/11

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

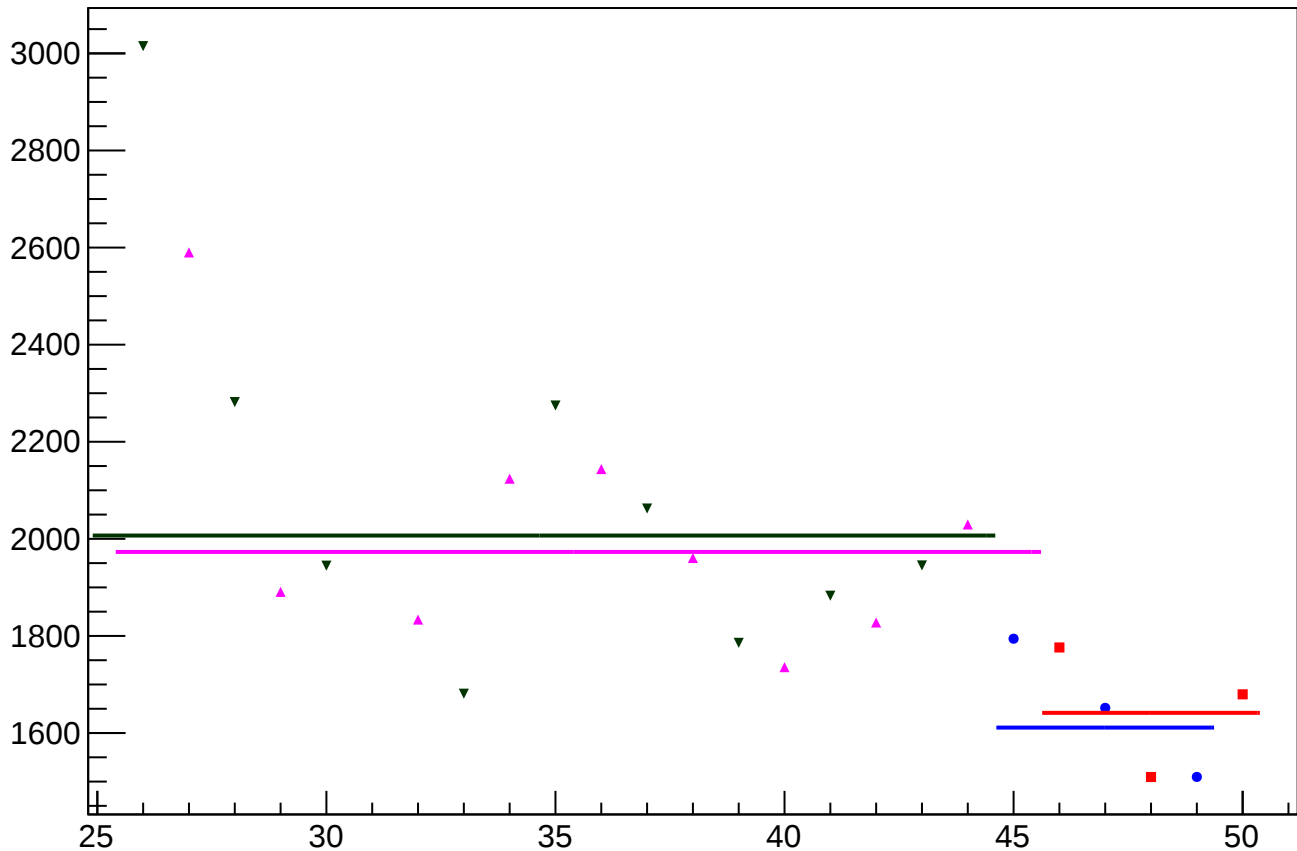
Right Out: -871.908+/-1390.510 χ^2/NDF : 4.3/2

Left In: -1313.019+/-838.748 χ^2/NDF : 9.1/8

98.439+/-719.480 χ^2/NDF : 11.7/11

-1195.340+/-718.206 χ^2/NDF : 13.5/11

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

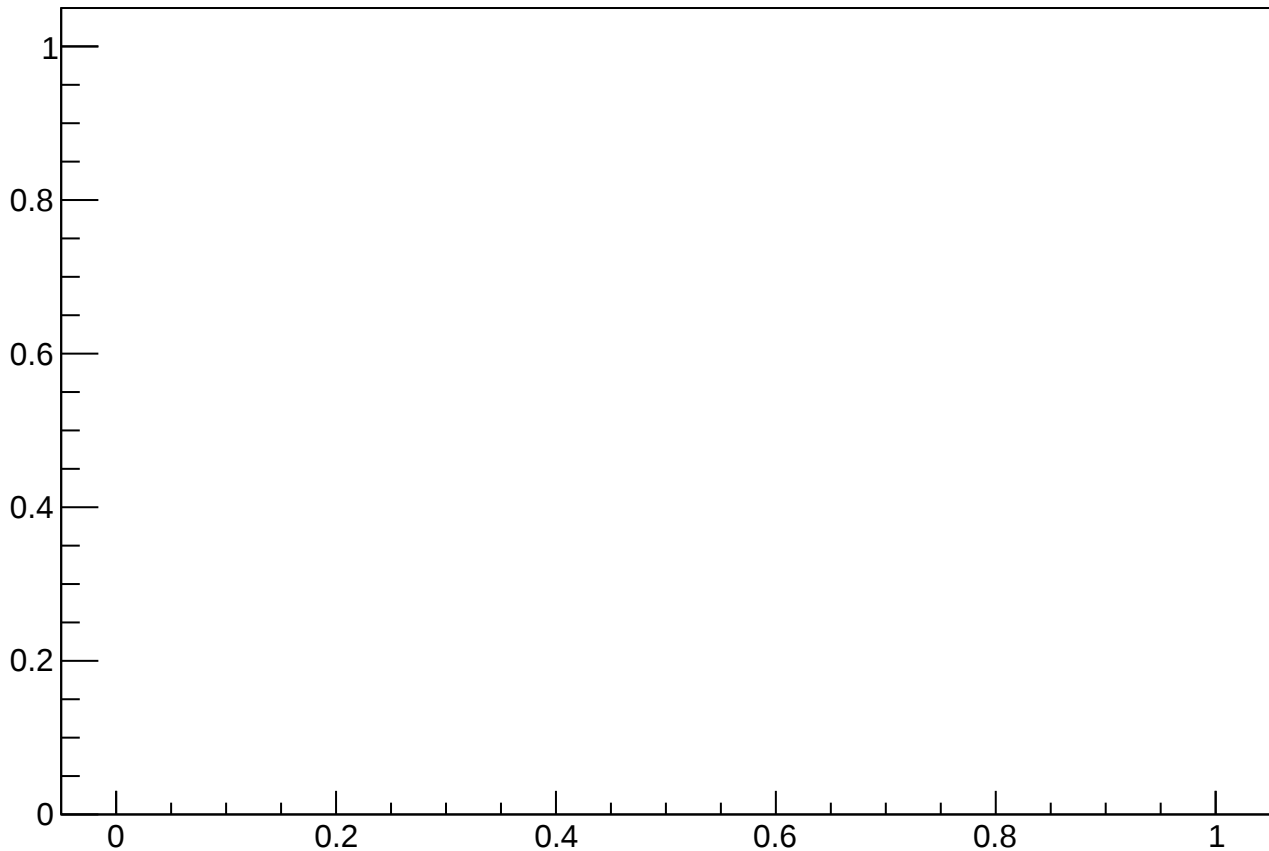
Right Out: 1641.571+/-0.983 χ^2/NDF : 12152.1/2

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

1851.821+/-0.509 χ^2/NDF : 372044.0/11

1884.640+/-0.508 χ^2/NDF : 241658.2/11

yield_sam_15_avg_mean vs slug



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

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

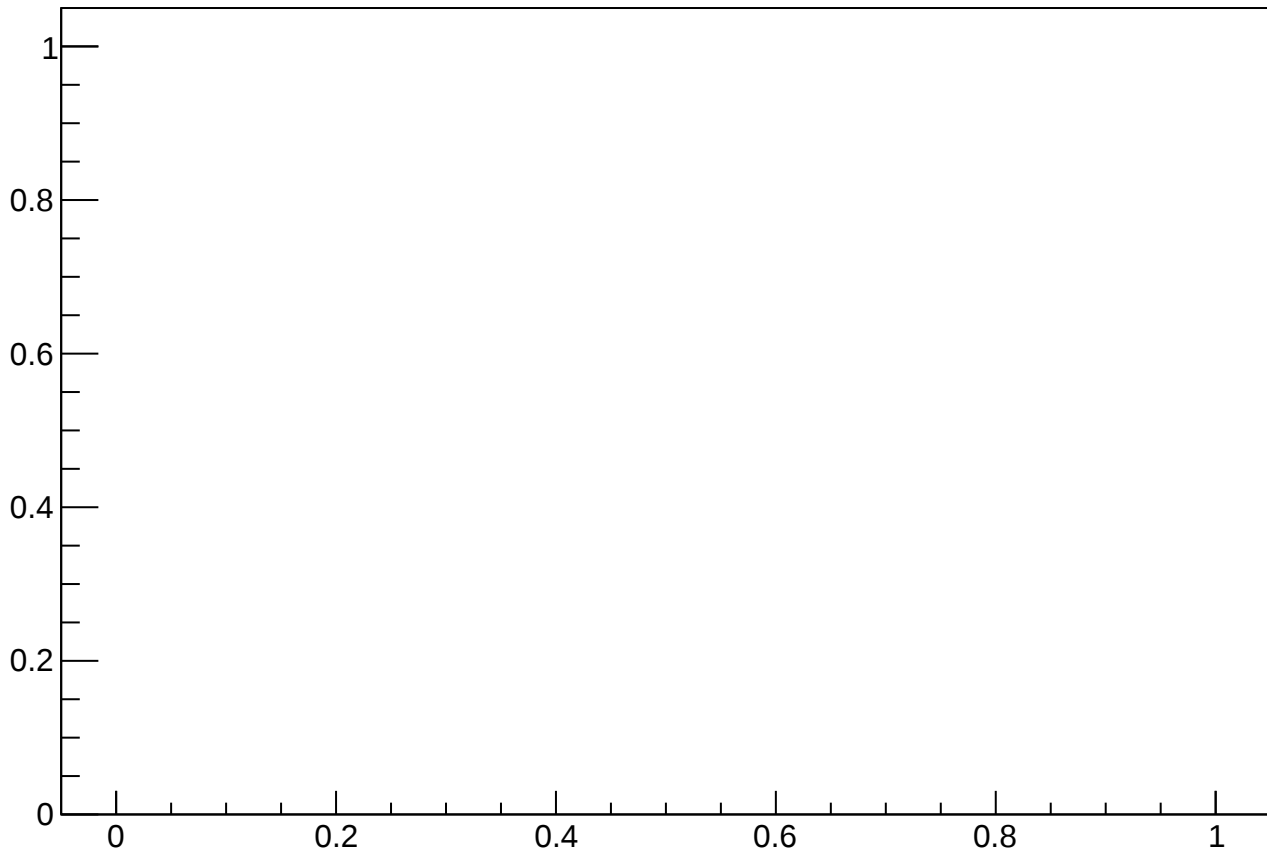
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

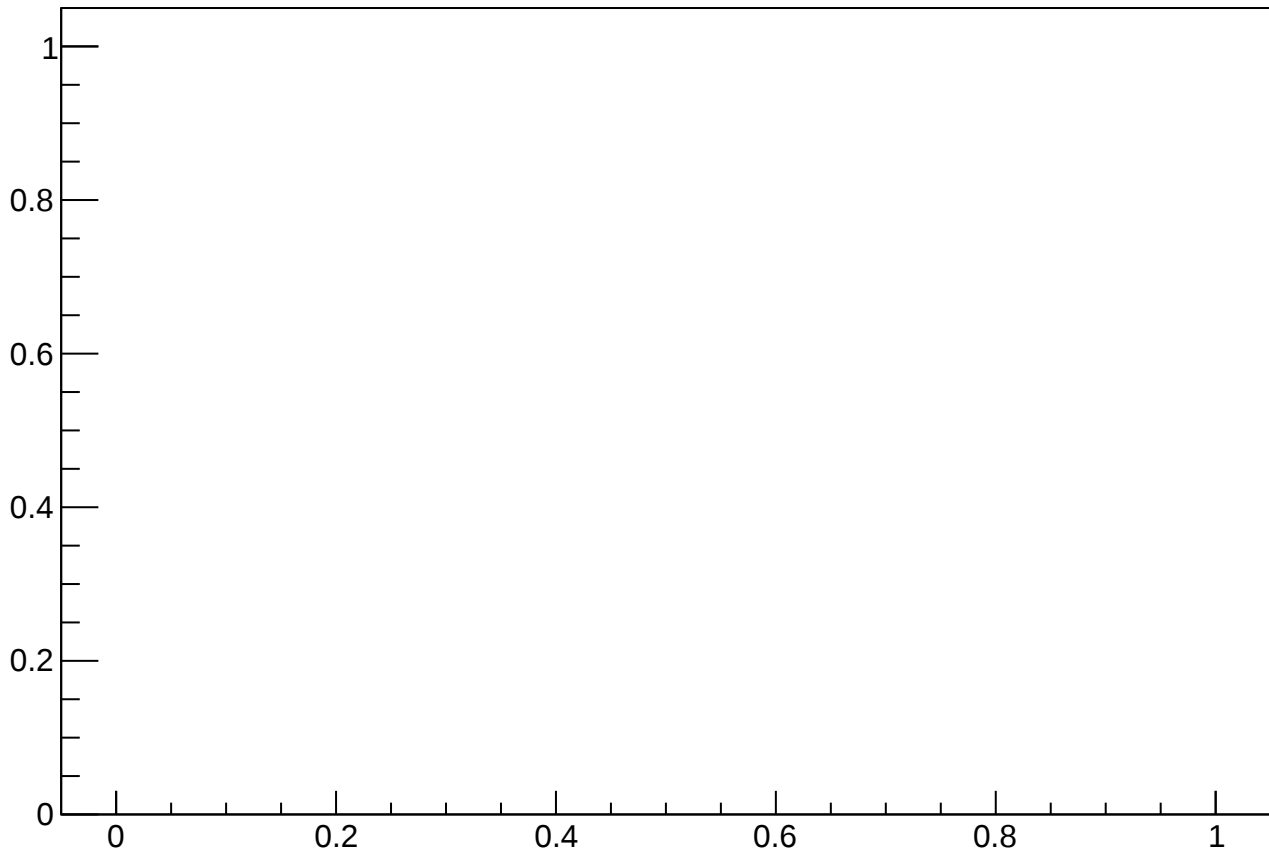
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

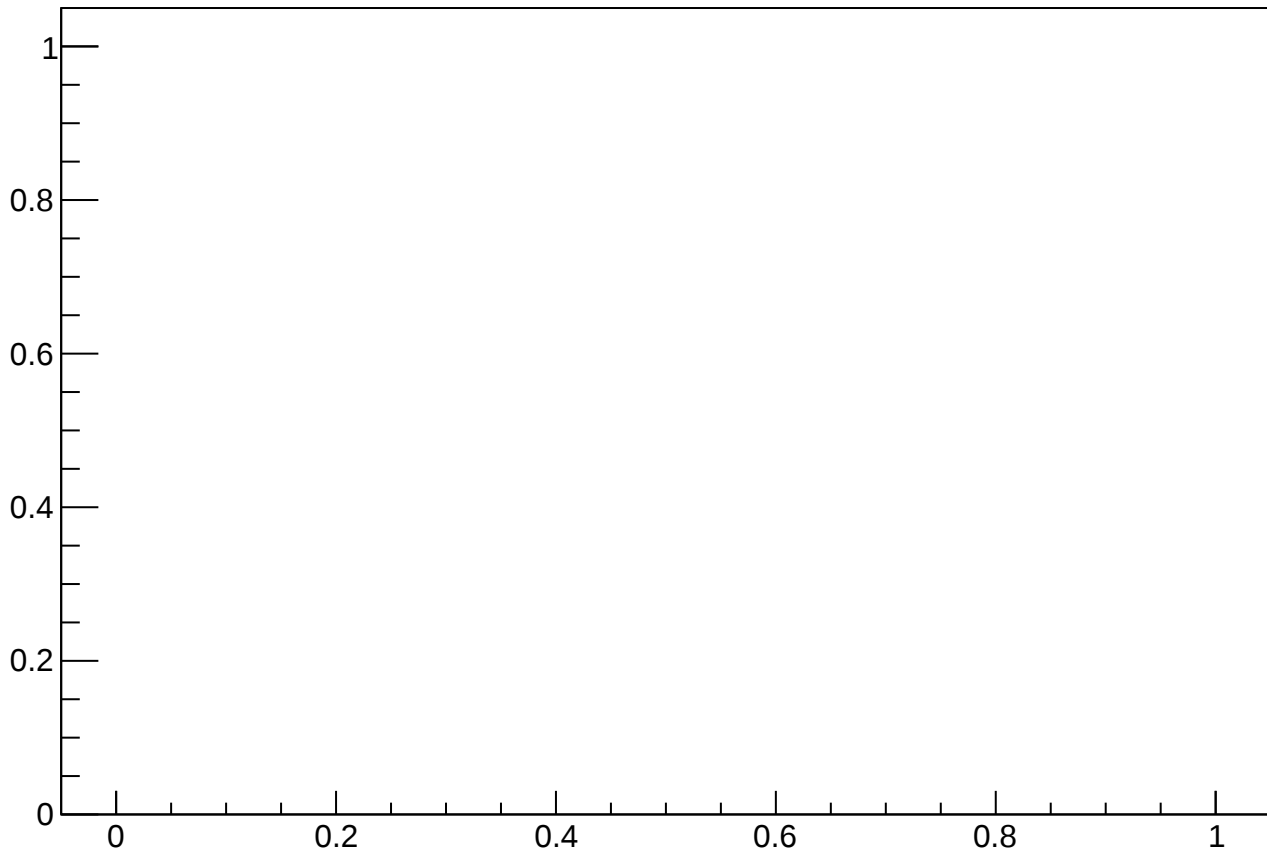
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

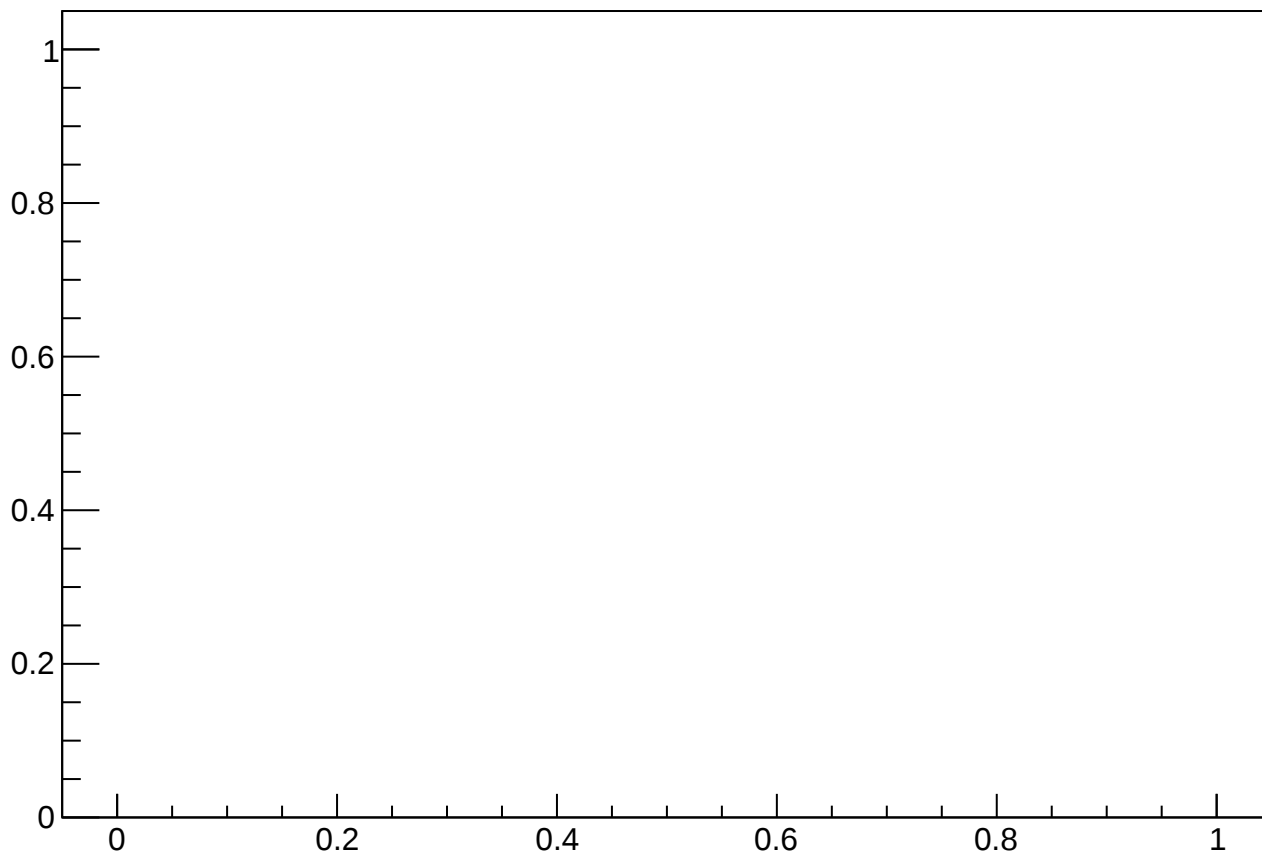
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

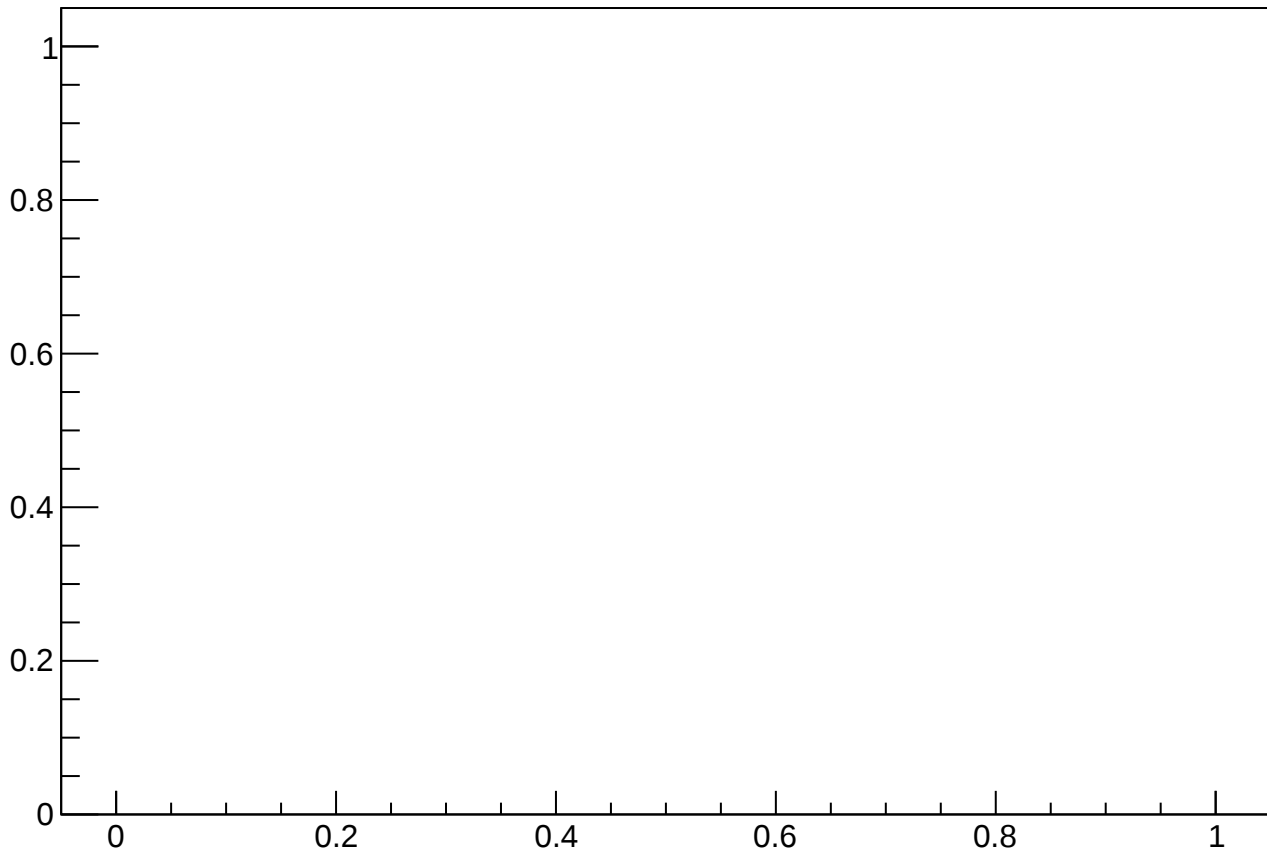
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

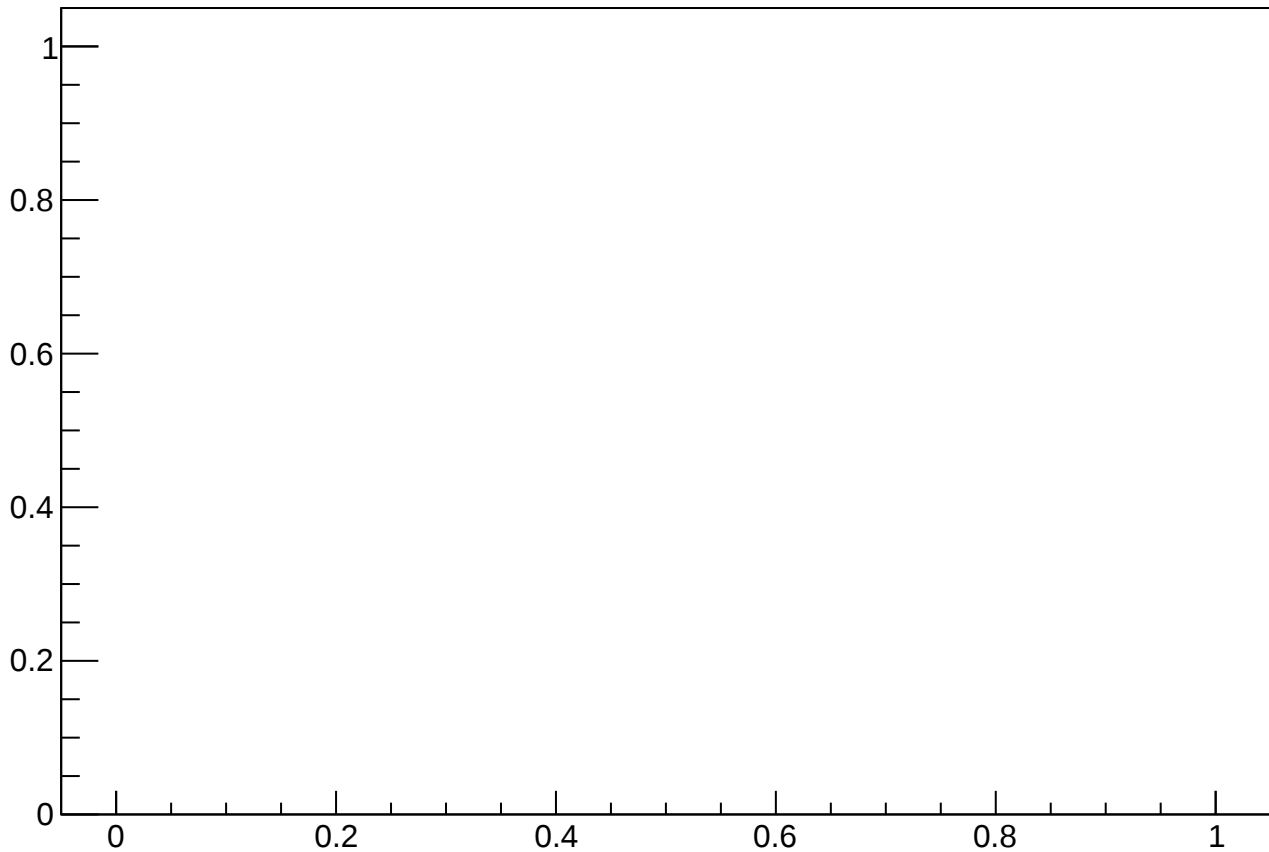
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug

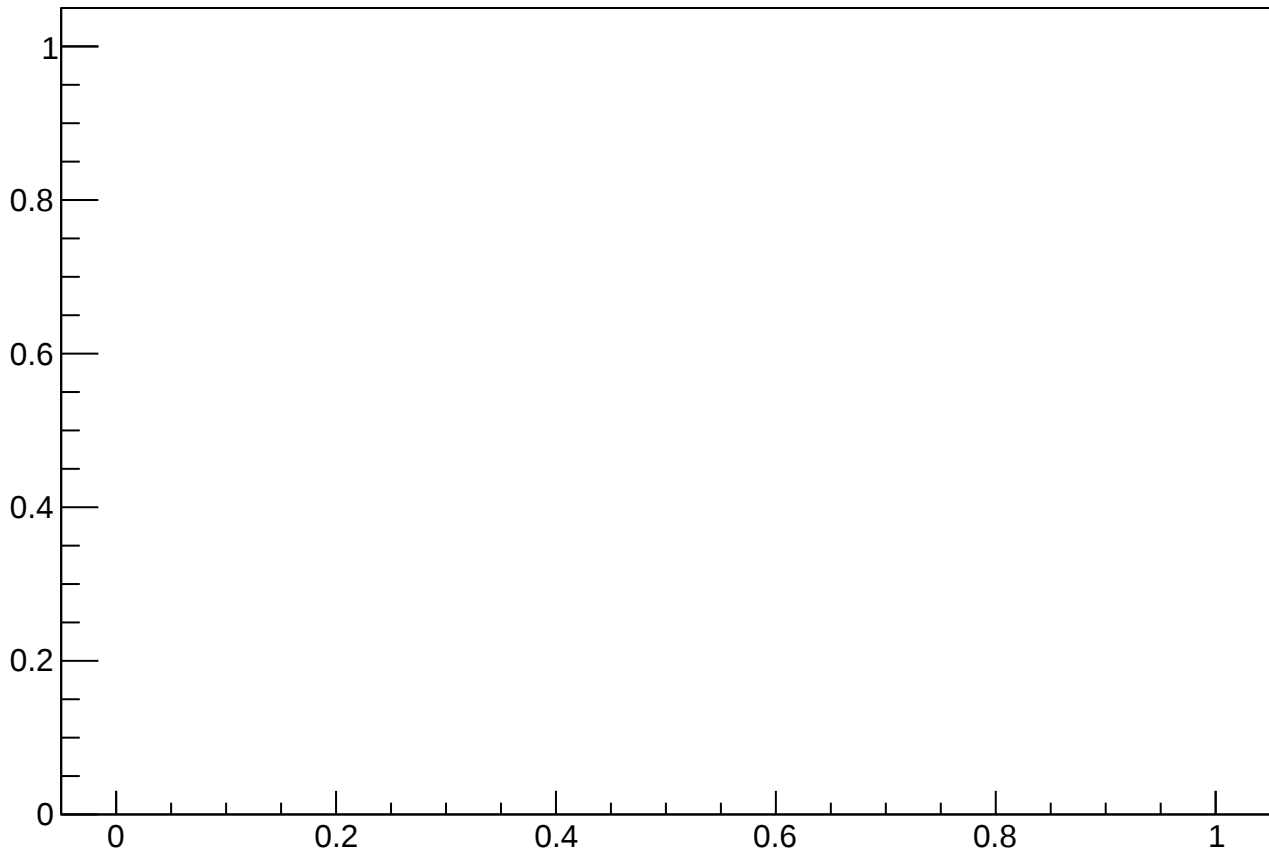


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

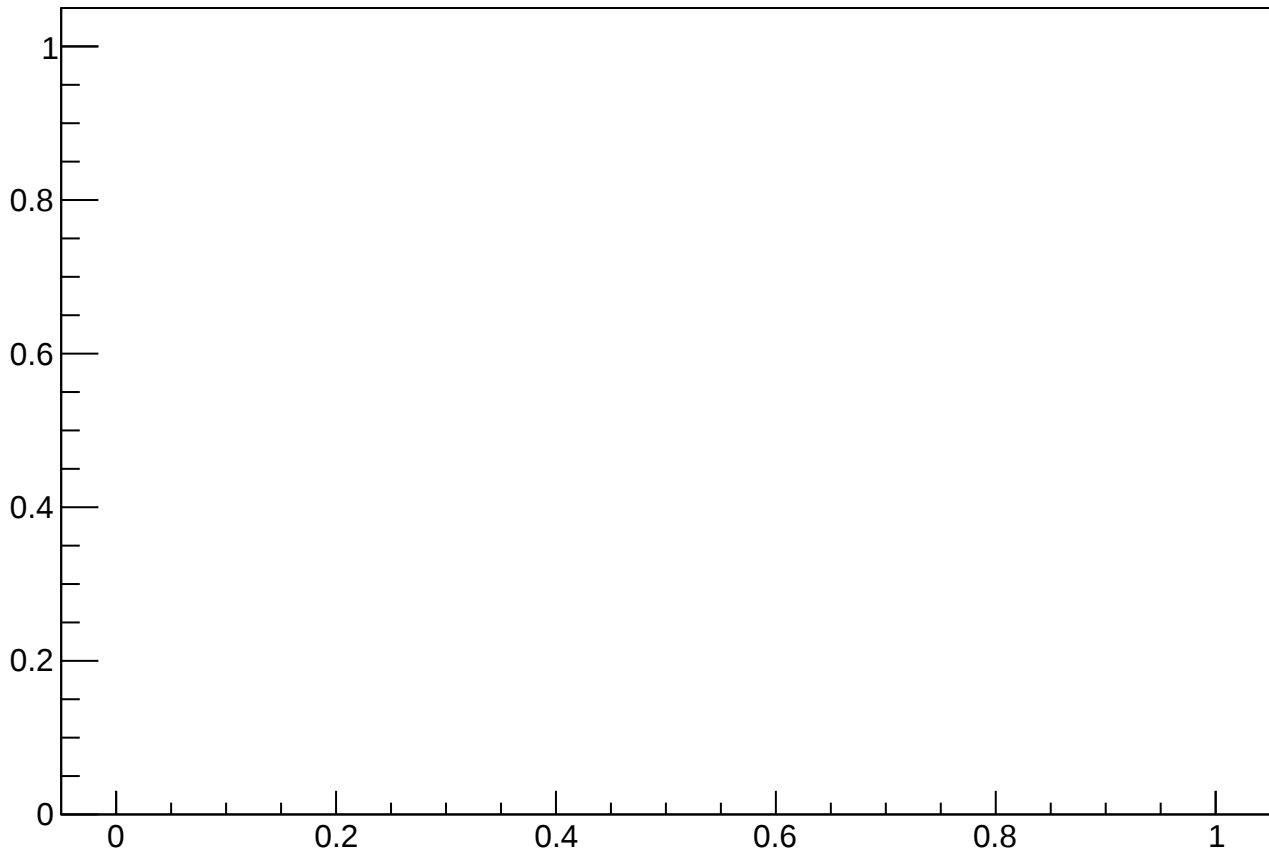
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

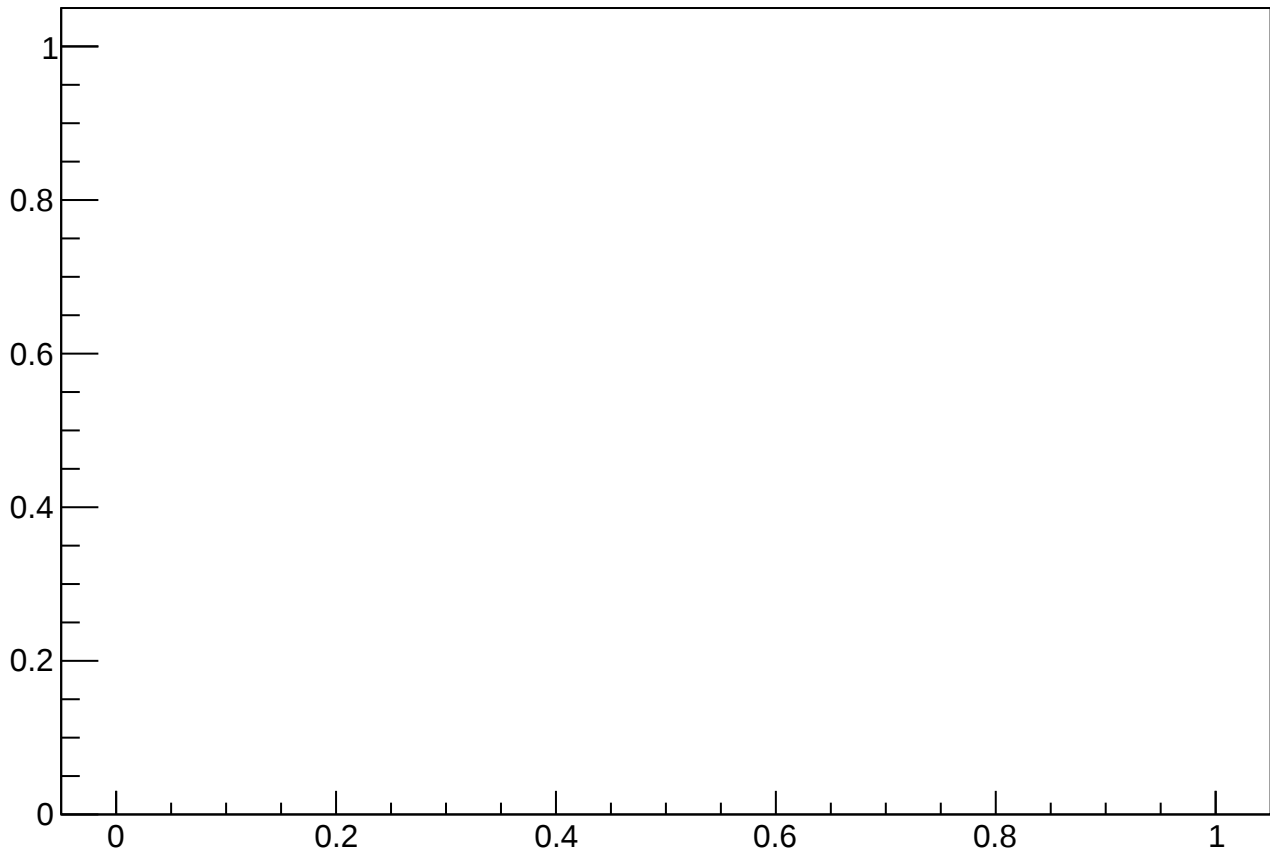
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

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

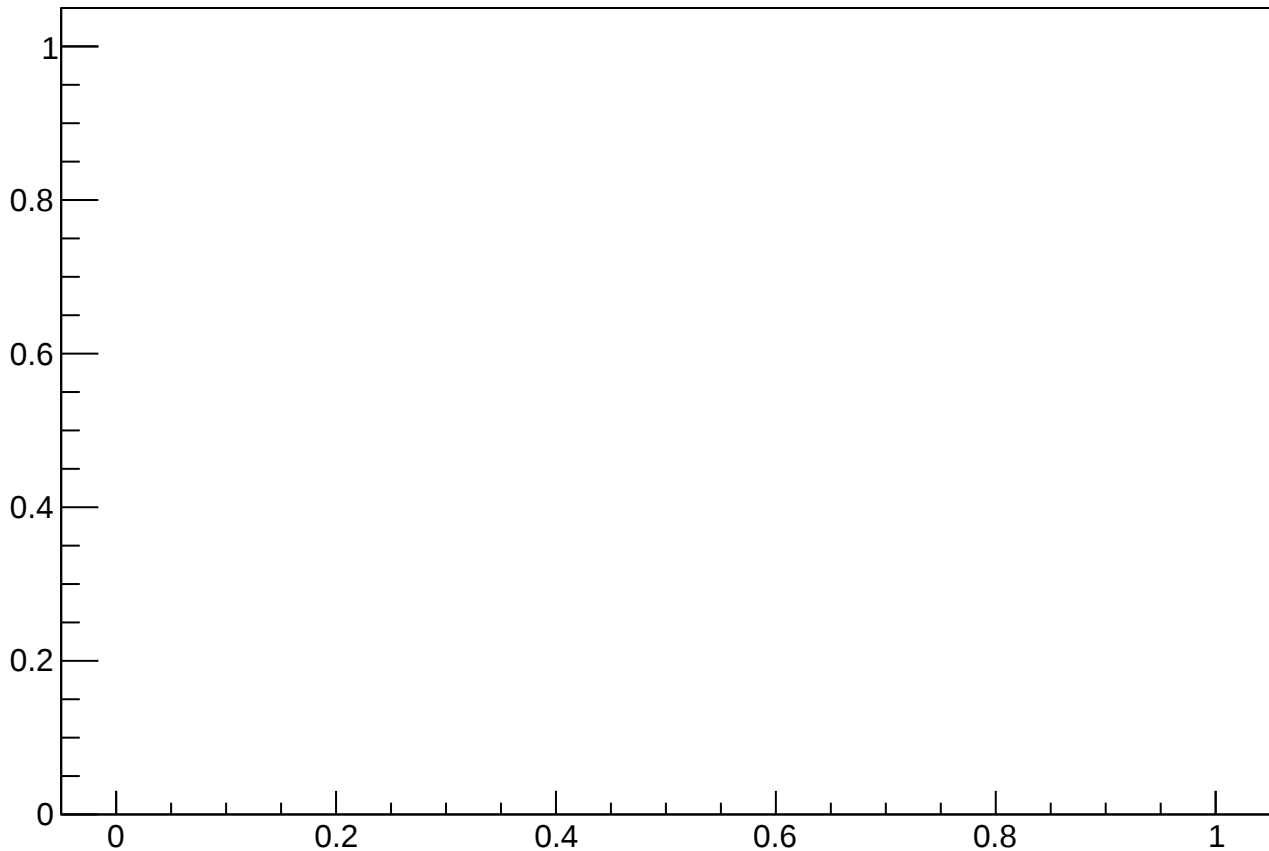
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

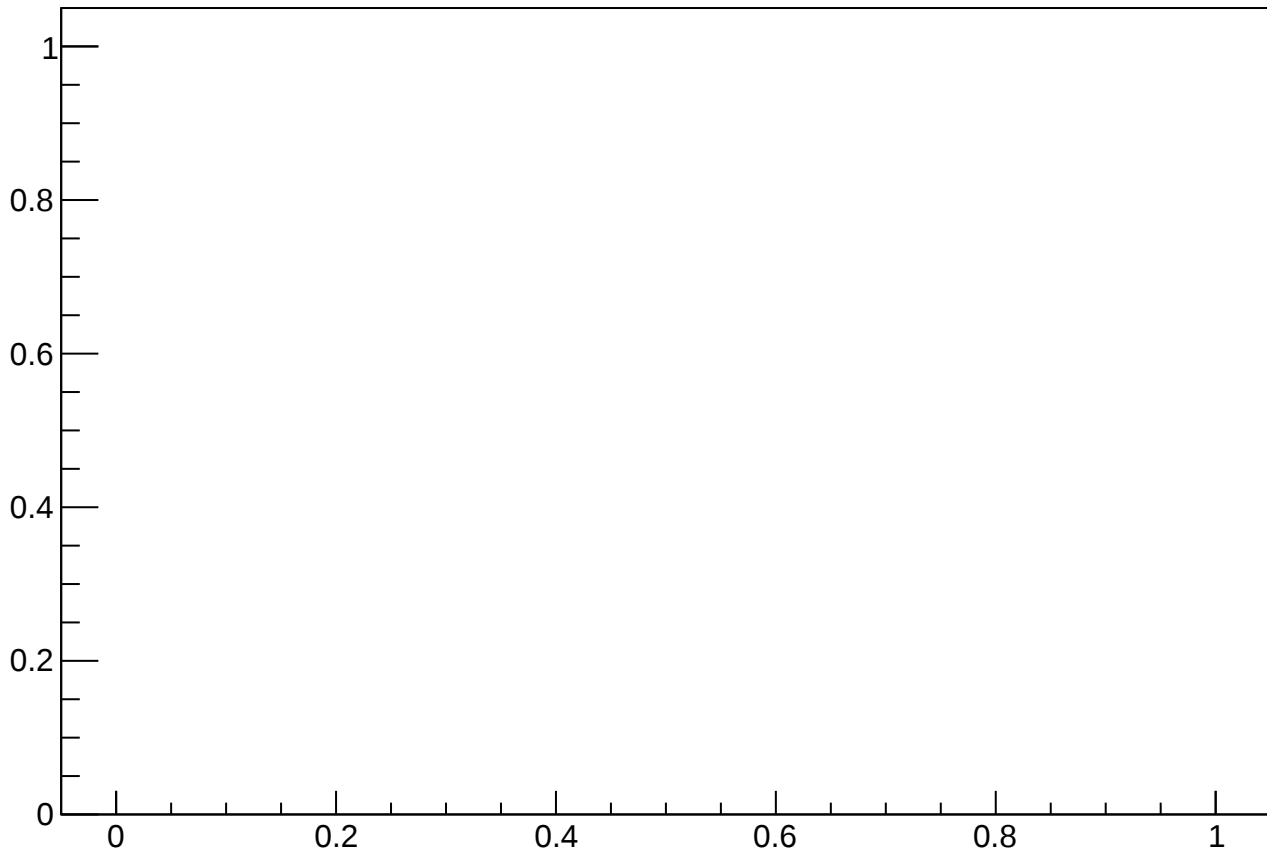
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



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

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

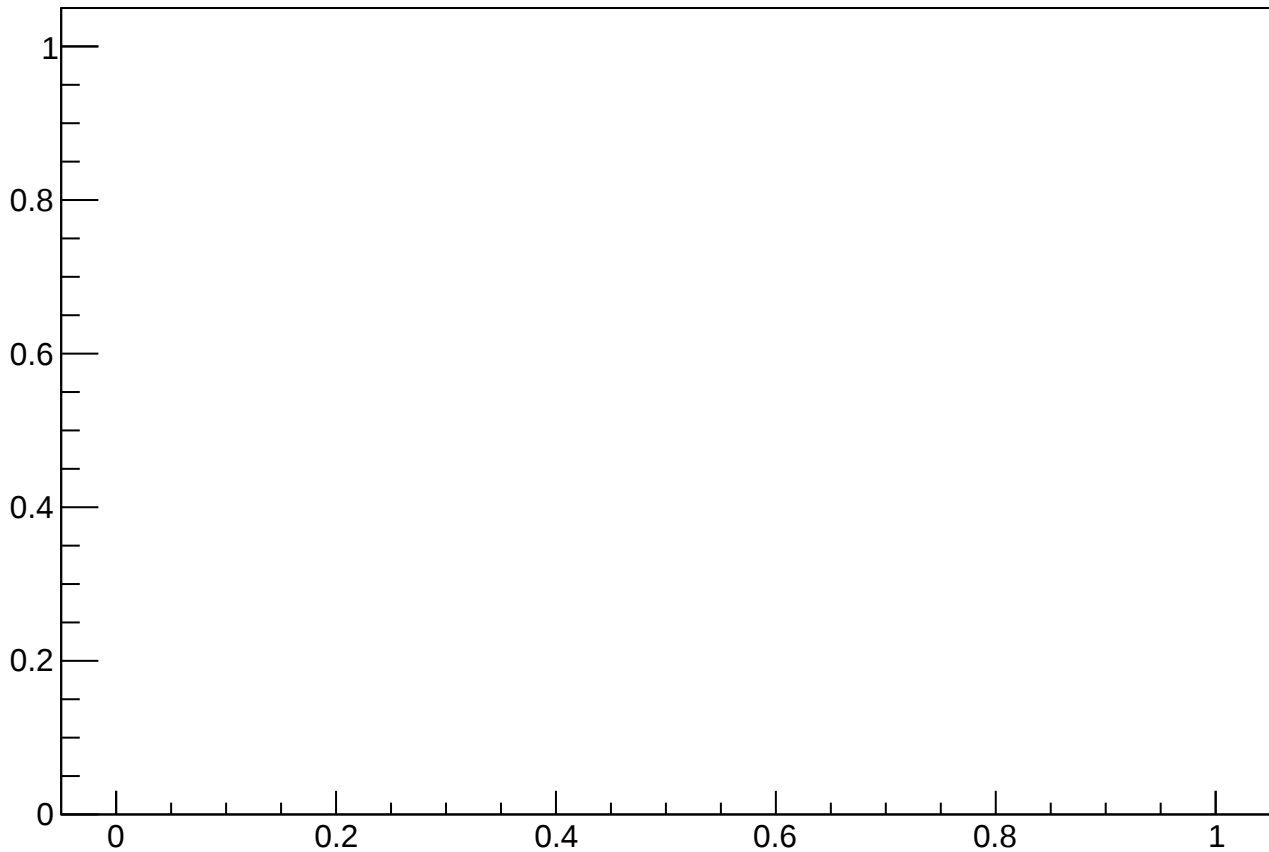
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

0.000+/-0.000 χ^2 /NDF: 0.0/0

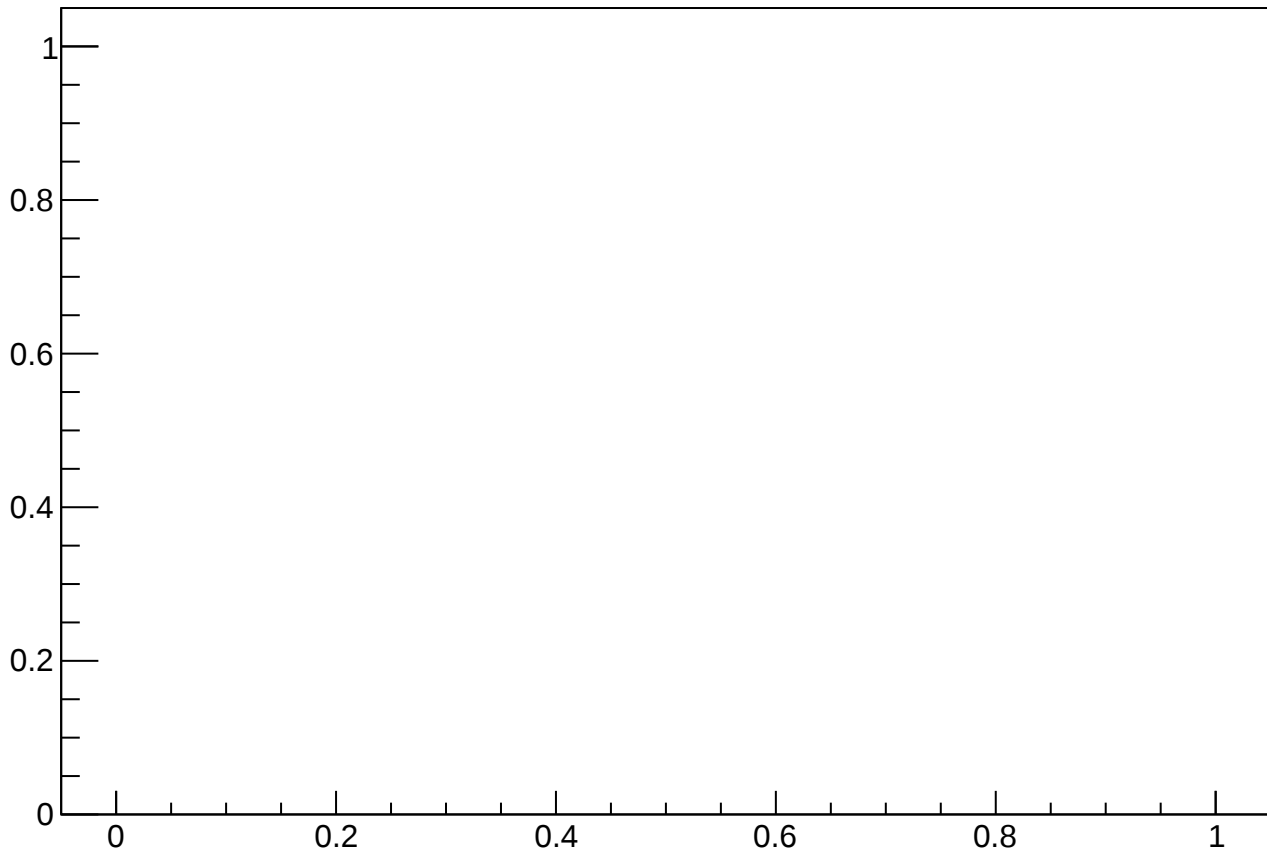
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

cor_sam_37_avg_rms vs slug



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

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

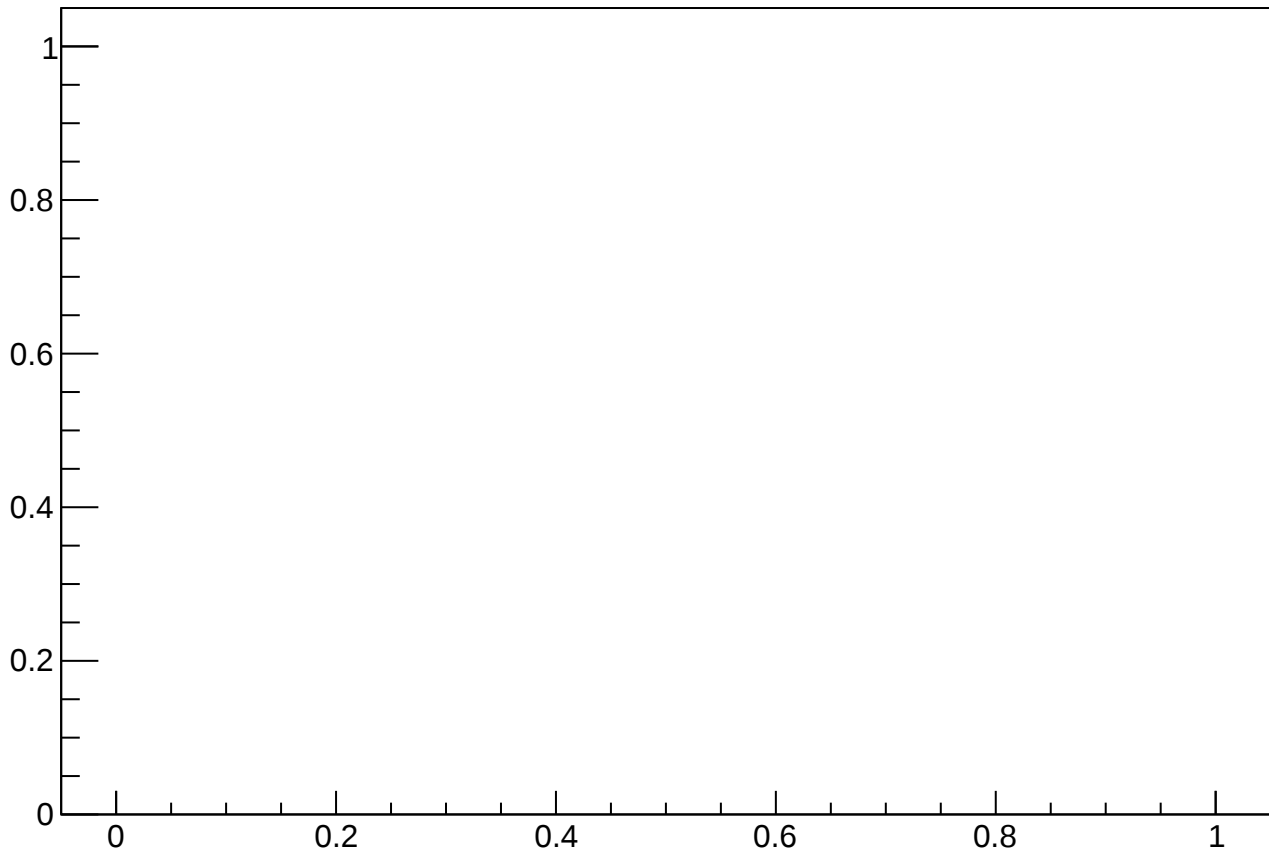
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

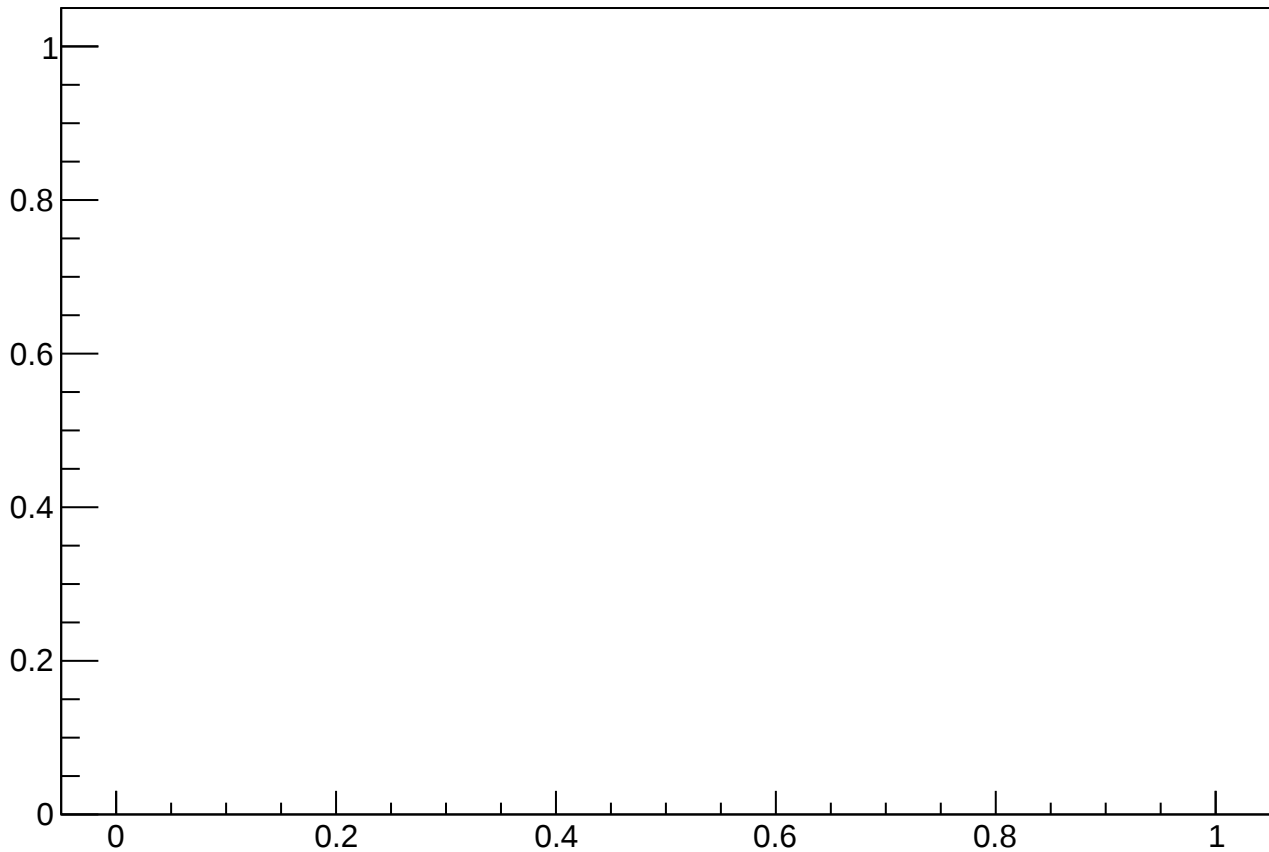
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

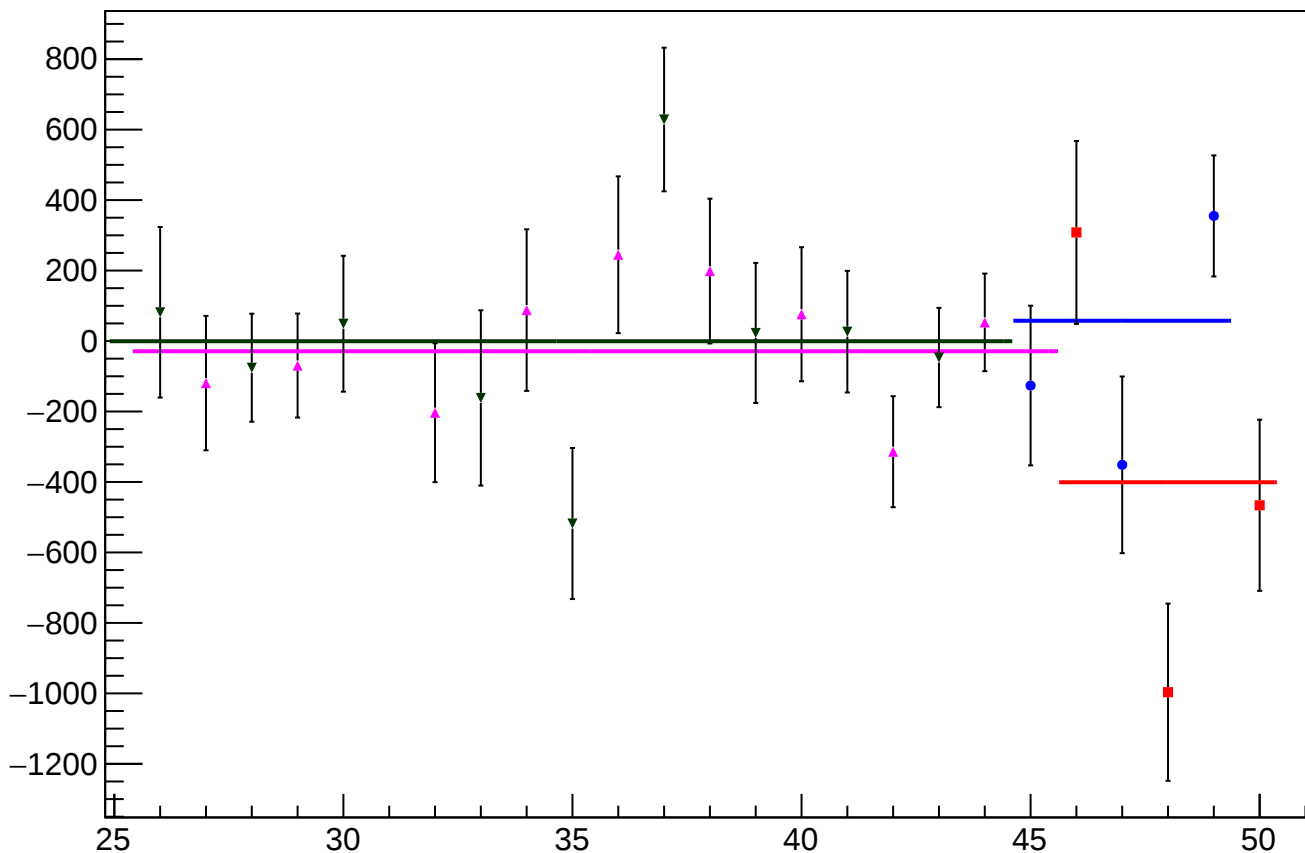
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: 57.528+/-120.159 χ^2/NDF : 6.3/2

Left Out: -0.549+/-62.274 χ^2/NDF : 16.3/8

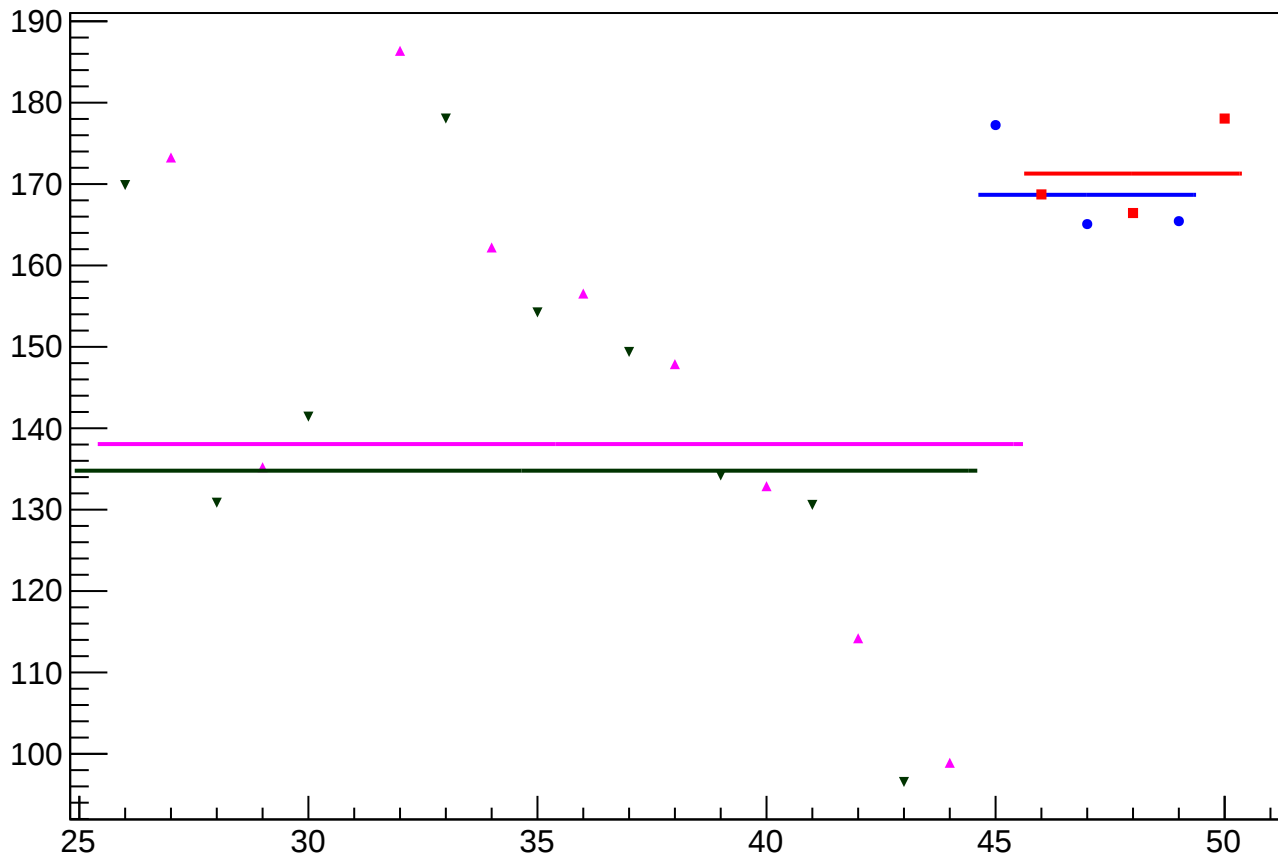
Right Out: -400.771+/-144.913 χ^2/NDF : 13.2/2

Left In: -28.991+/-59.537 χ^2/NDF : 8.0/8

11.748+/-55.290 χ^2/NDF : 22.9/11

-82.682+/-55.070 χ^2/NDF : 26.8/11

reg_asym_sam_15_avg_rms vs slug



Right In: 168.679 $\pm$ 0.085 χ^2 /NDF: 3979.5/2

Left Out: 134.788 $\pm$ 0.044 χ^2 /NDF: 281610.1/8

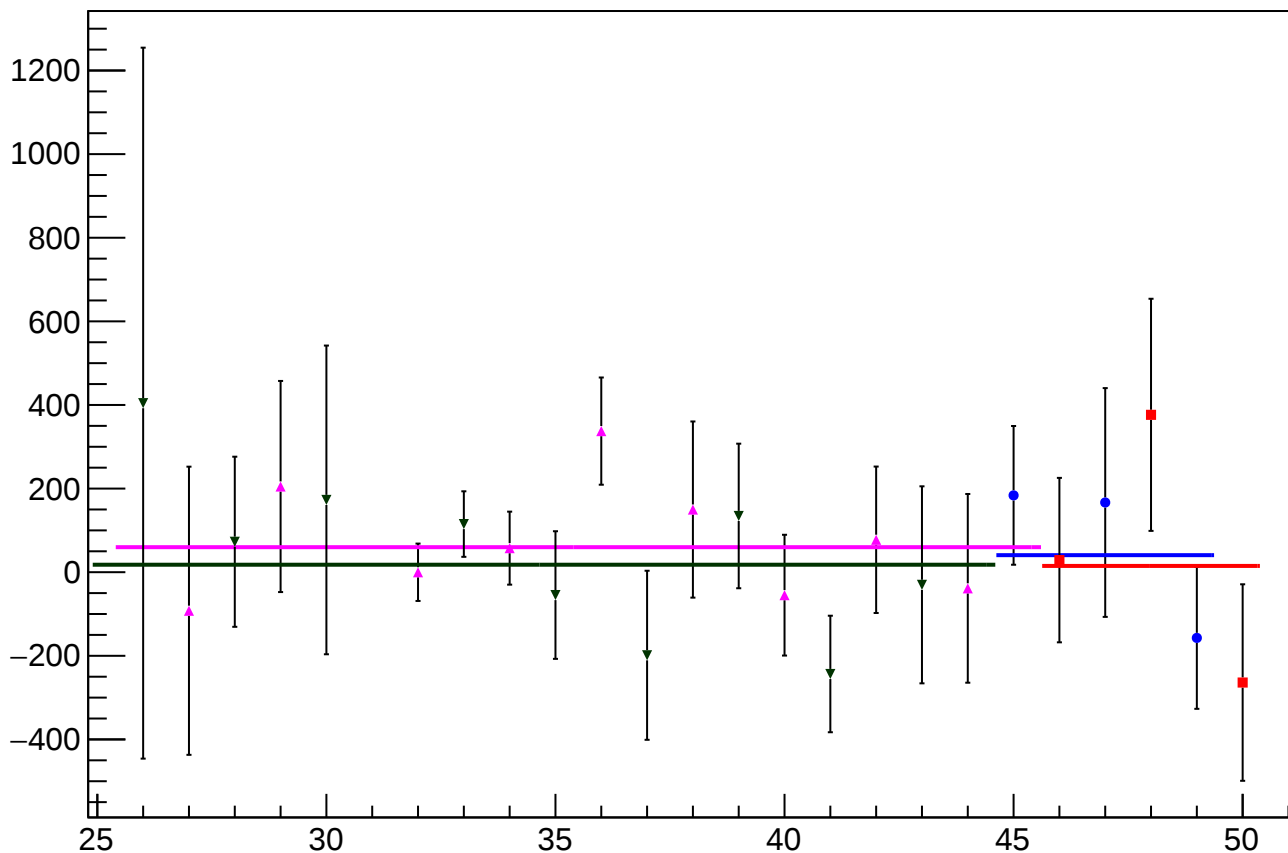
Right Out: 171.288 $\pm$ 0.102 χ^2 /NDF: 2486.8/2

Left In: 138.057 $\pm$ 0.042 χ^2 /NDF: 437023.6/8

141.964 $\pm$ 0.039 χ^2 /NDF: 411010.1/11

142.855 $\pm$ 0.039 χ^2 /NDF: 529496.6/11

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

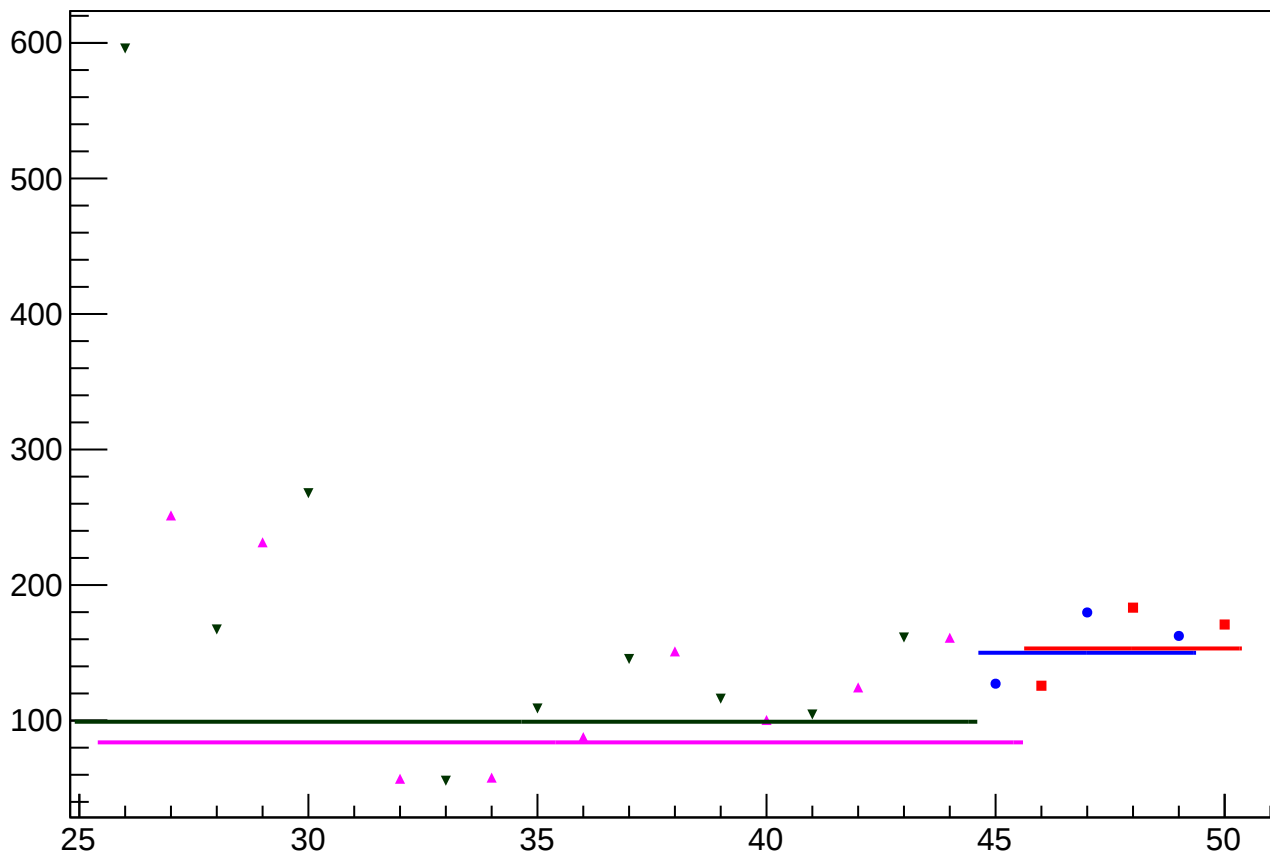
Right Out: 14.992 $\pm$ 132.534 χ^2 /NDF: 3.1/2

Left In: 59.828 $\pm$ 42.594 χ^2 /NDF: 7.0/8

22.158 $\pm$ 47.119 χ^2 /NDF: 9.7/11

55.631 $\pm$ 40.551 χ^2 /NDF: 10.2/11

asym_sam_15_avg_correction_rms vs slug



Right In: 150.039 $\pm$ 0.077 χ^2 /NDF: 72193.2/2

Left Out: 99.138 $\pm$ 0.037 χ^2 /NDF: 2215033.7/8

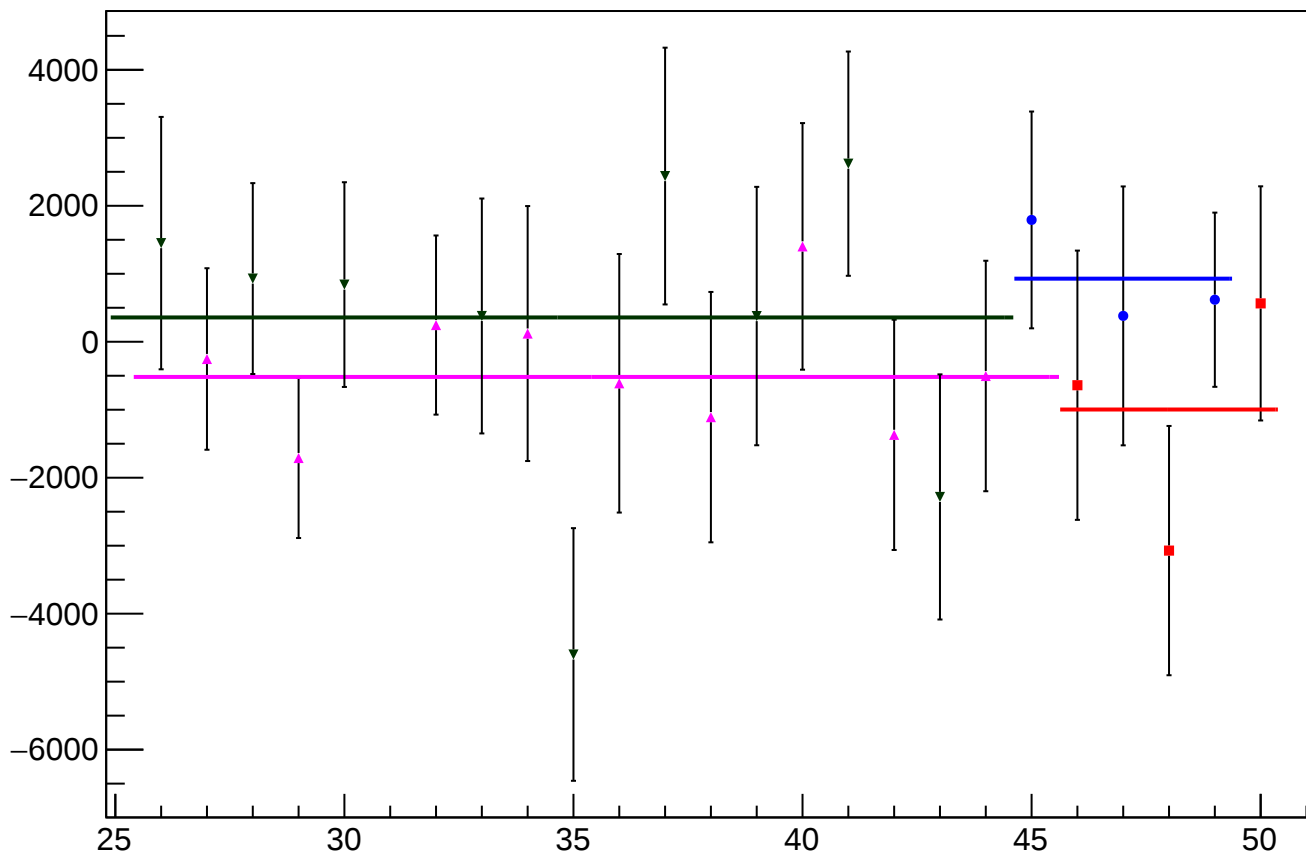
Right Out: 153.204 $\pm$ 0.094 χ^2 /NDF: 73909.4/2

Left In: 83.913 $\pm$ 0.030 χ^2 /NDF: 2211357.4/8

108.678 $\pm$ 0.033 χ^2 /NDF: 2642693.7/11

90.399 $\pm$ 0.029 χ^2 /NDF: 2780772.9/11

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

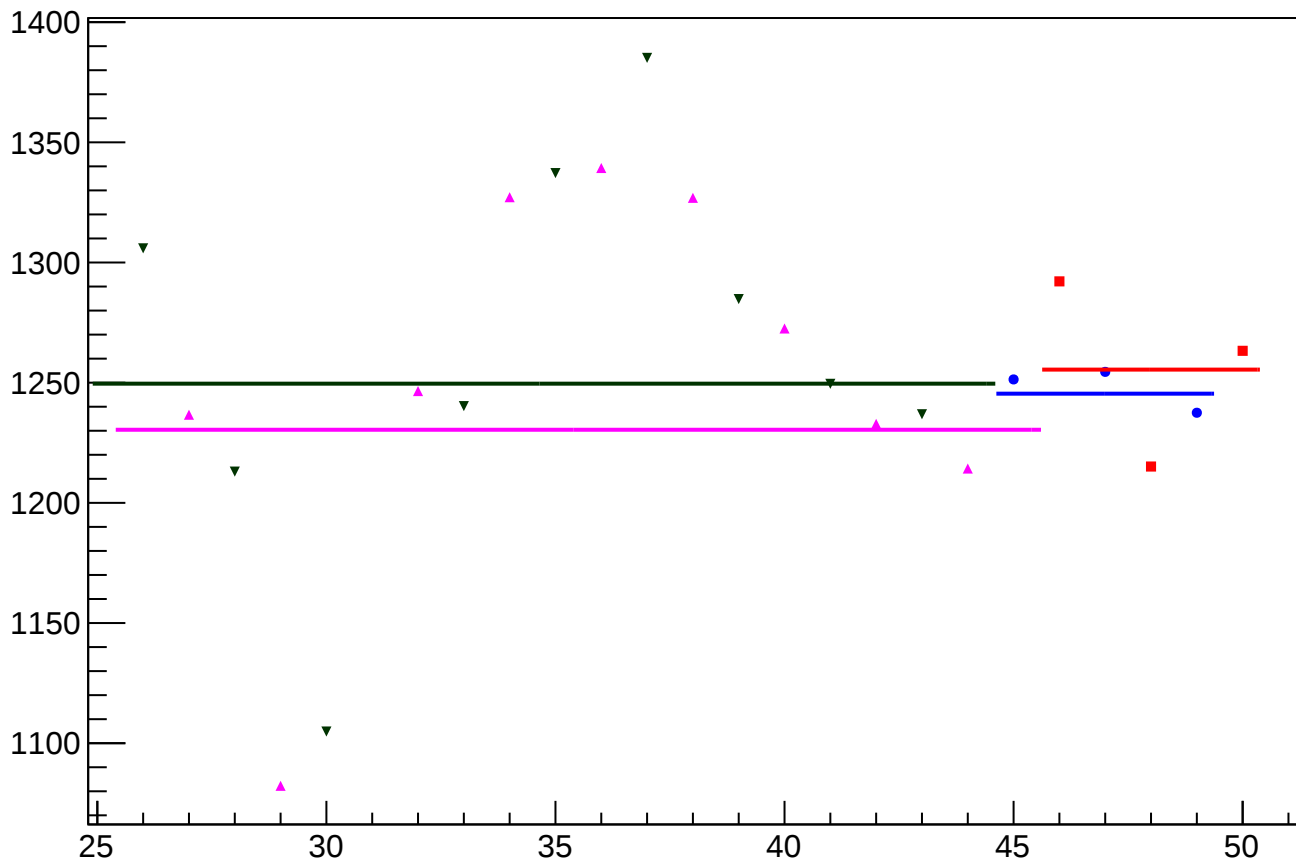
Right Out: -996.722 $\pm$ 1060.262 χ^2 /NDF: 2.1/2

Left In: -517.544 $\pm$ 518.830 χ^2 /NDF: 3.0/8

524.296 $\pm$ 478.181 χ^2 /NDF: 13.7/11

-610.118 $\pm$ 466.026 χ^2 /NDF: 5.3/11

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

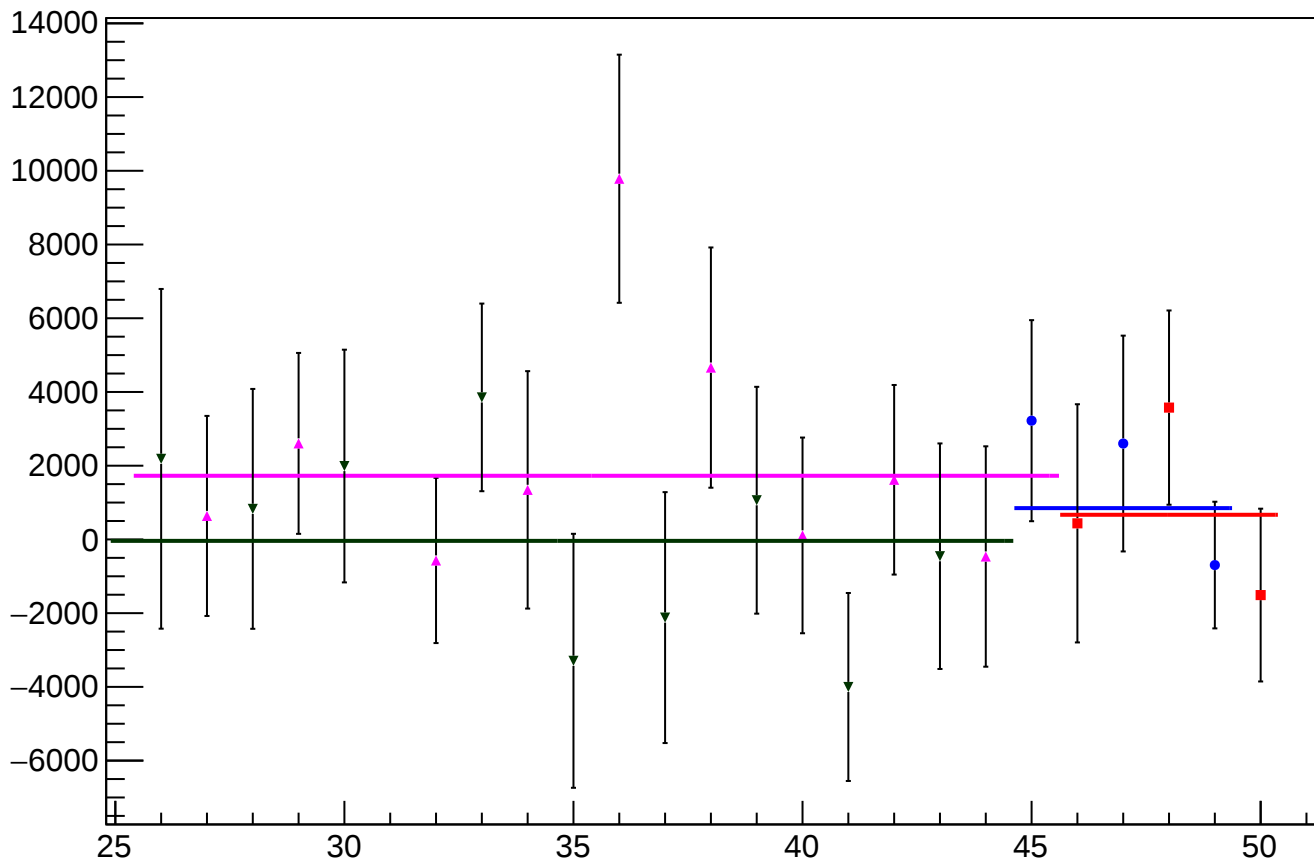
Right Out: 1255.441 ± 0.750 χ^2/NDF : 1695.7/2

Left In: 1230.414 ± 0.367 χ^2/NDF : 50656.2/8

1248.373 ± 0.338 χ^2/NDF : 37445.3/11

1235.249 ± 0.330 χ^2/NDF : 53251.0/11

asym_sam_26_avg_correction_mean vs slug



Right In: 849.248 $\pm$ 1301.878 χ^2 /NDF: 1.9/2

Left Out: -39.269 $\pm$ 1035.135 χ^2 /NDF: 6.9/8

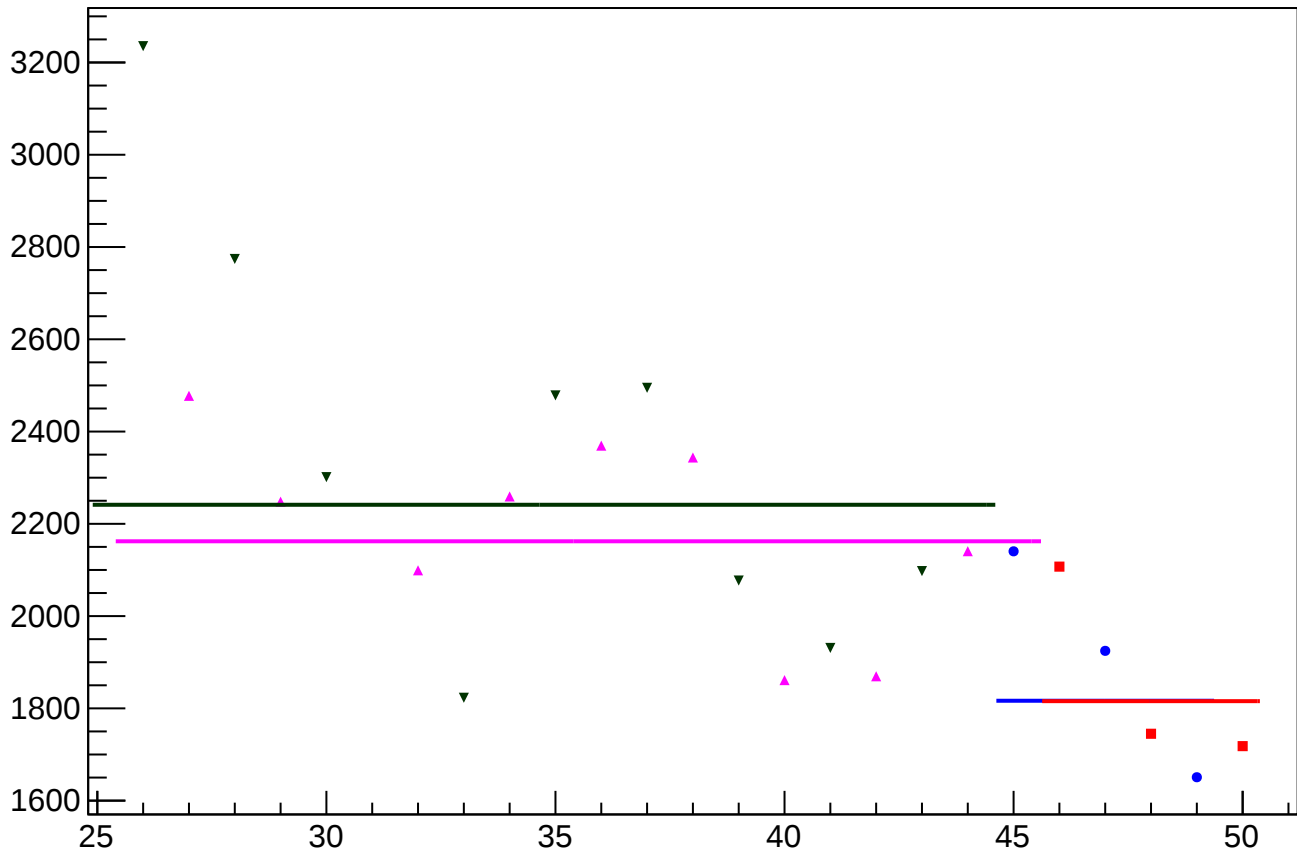
Right Out: 668.599 $\pm$ 1539.478 χ^2 /NDF: 2.1/2

Left In: 1726.912 $\pm$ 918.632 χ^2 /NDF: 8.8/8

304.880 $\pm$ 810.234 χ^2 /NDF: 9.1/11

1449.025 $\pm$ 788.861 χ^2 /NDF: 11.2/11

asym_sam_26_avg_correction_rms vs slug



Right In: 1816.516 ± 0.921 $\chi^2/\text{NDF}: 49571.1/2$

Left Out: 2241.302 ± 0.732 $\chi^2/\text{NDF}: 261773.6/8$

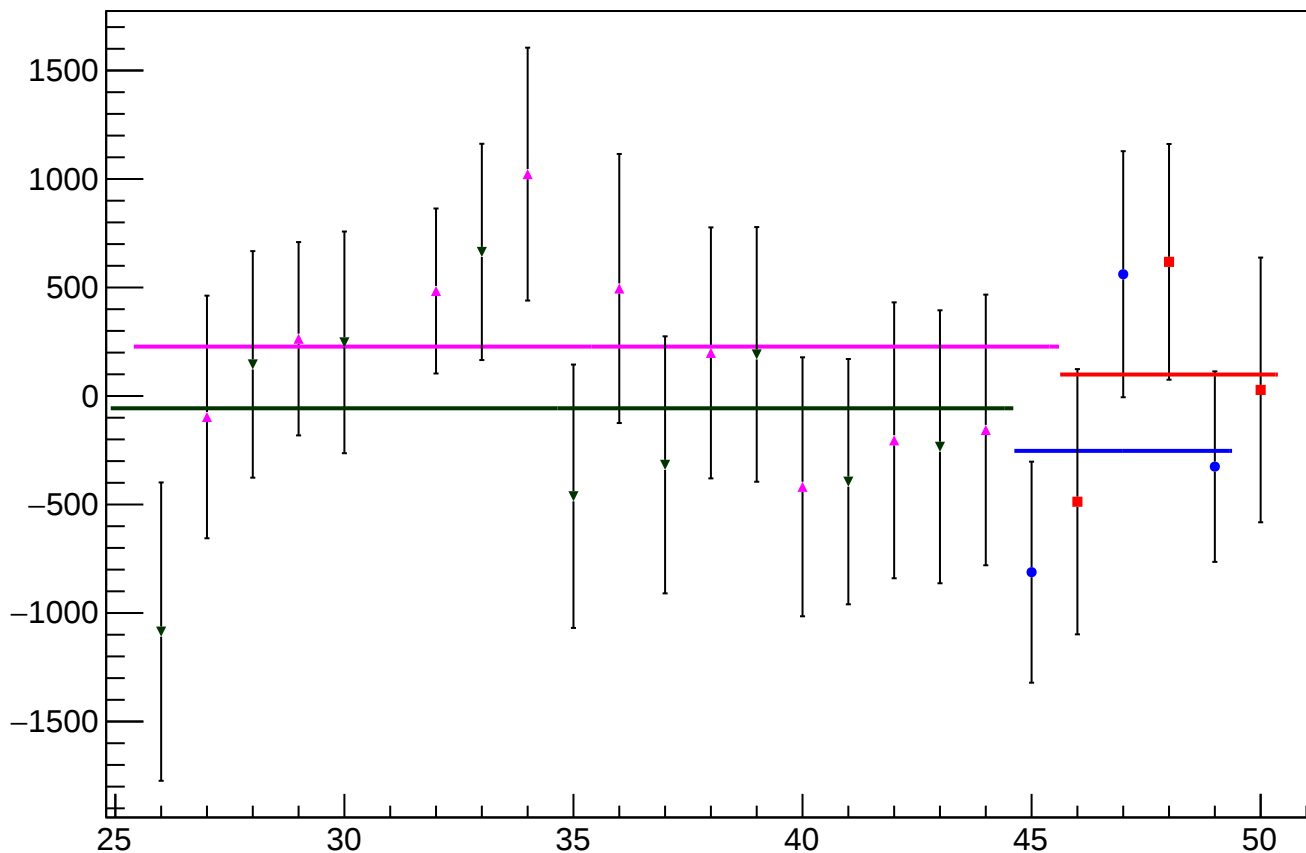
Right Out: 1815.642 ± 1.089 $\chi^2/\text{NDF}: 21191.6/2$

Left In: 2162.148 ± 0.650 $\chi^2/\text{NDF}: 98343.3/8$

2076.770 ± 0.573 $\chi^2/\text{NDF}: 441798.8/11$

2071.164 ± 0.558 $\chi^2/\text{NDF}: 194252.6/11$

reg_asym_sam_37_avg_mean vs slug



Right In: -252.814+/-286.812 χ^2/NDF : 3.3/2

Left Out: -56.564+/-189.750 χ^2/NDF : 6.1/8

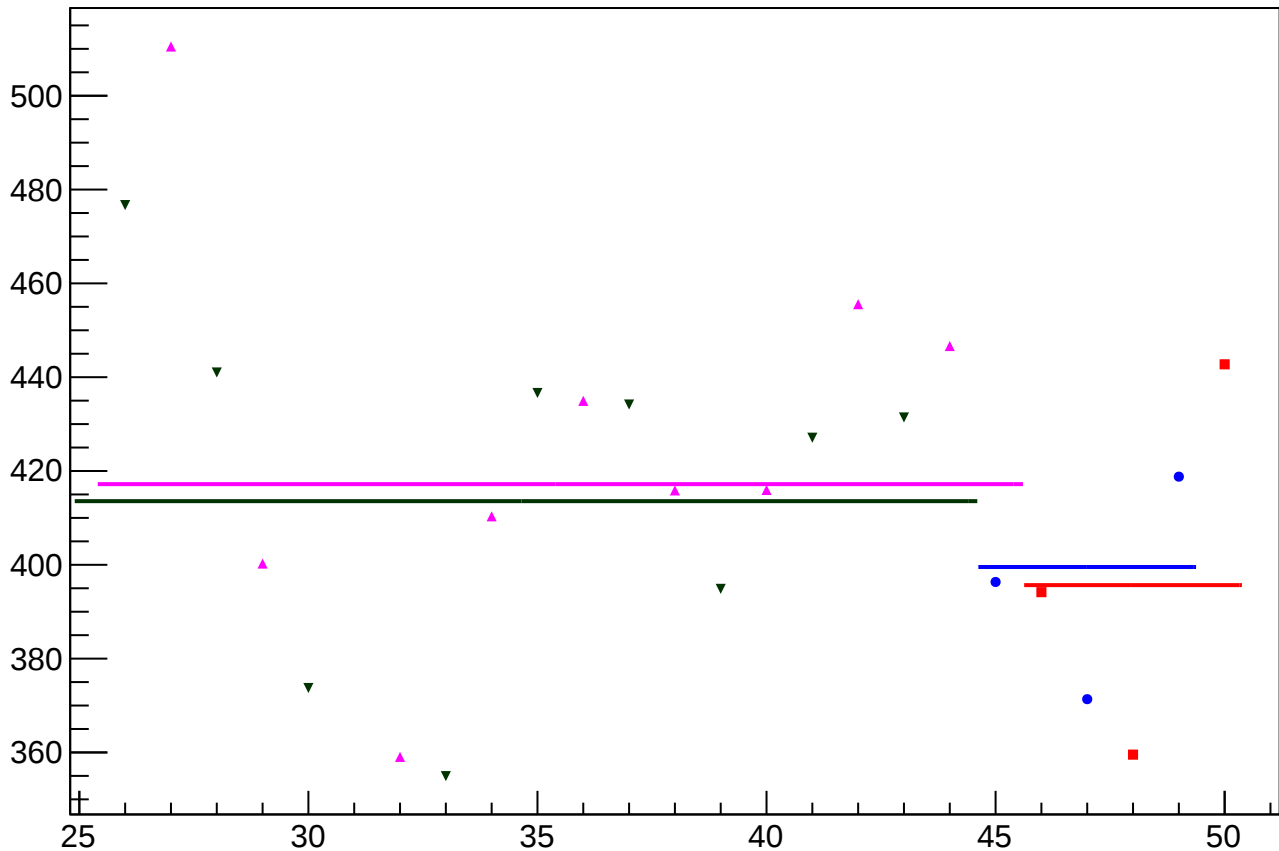
Right Out: 98.962+/-337.962 χ^2/NDF : 1.8/2

Left In: 227.618+/-178.031 χ^2/NDF : 4.9/8

-116.310+/-158.252 χ^2/NDF : 9.7/11

199.671+/-157.513 χ^2/NDF : 6.8/11

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

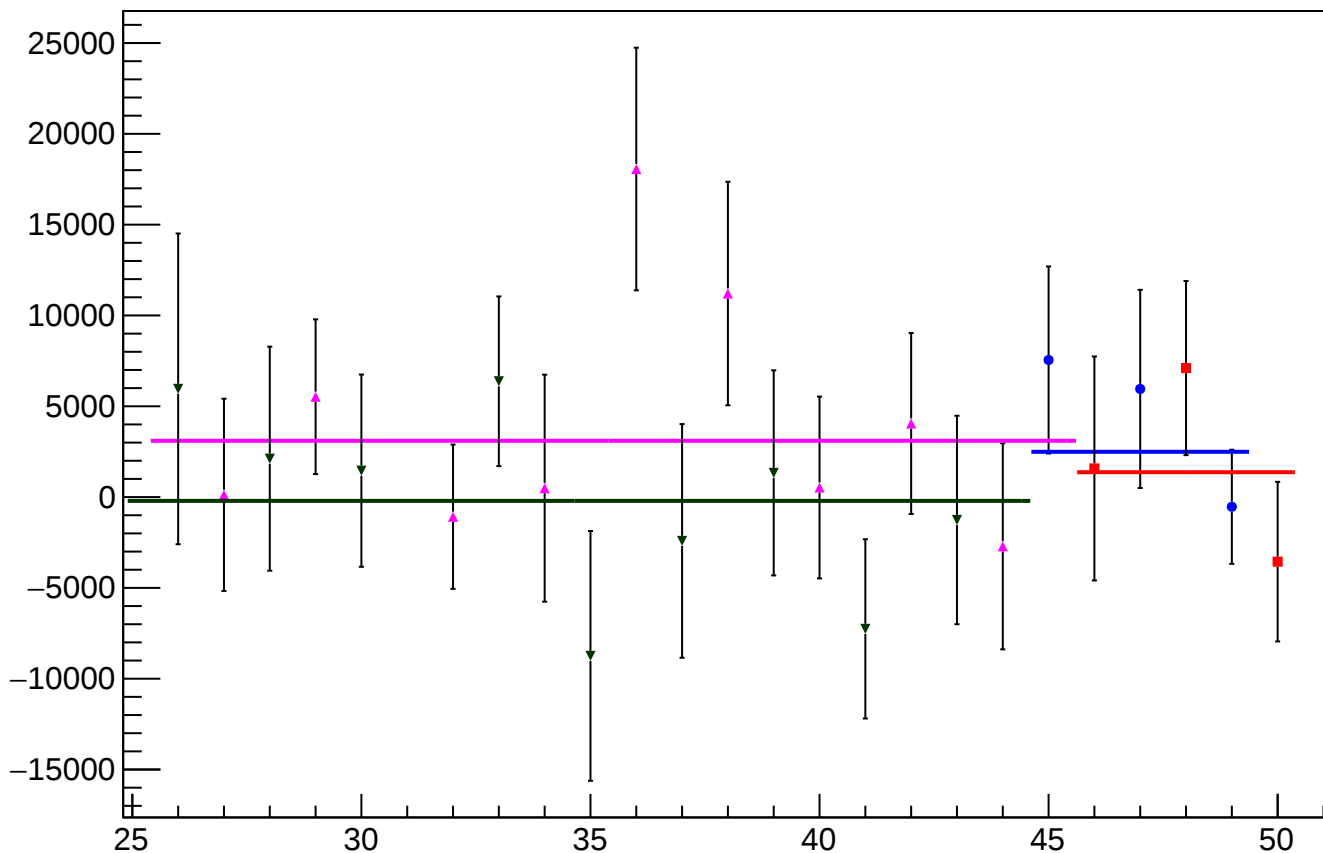
Right Out: 395.671+/-0.239 χ^2/NDF : 20778.2/2

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

409.298+/-0.112 χ^2/NDF : 84522.5/11

412.524+/-0.111 χ^2/NDF : 146196.2/11

asym_sam_37_avg_correction_mean vs slug



Right In: 2494.103 $\pm$ 2406.616 χ^2 /NDF: 2.3/2

Left Out: -208.829 $\pm$ 1925.930 χ^2 /NDF:6.6/8

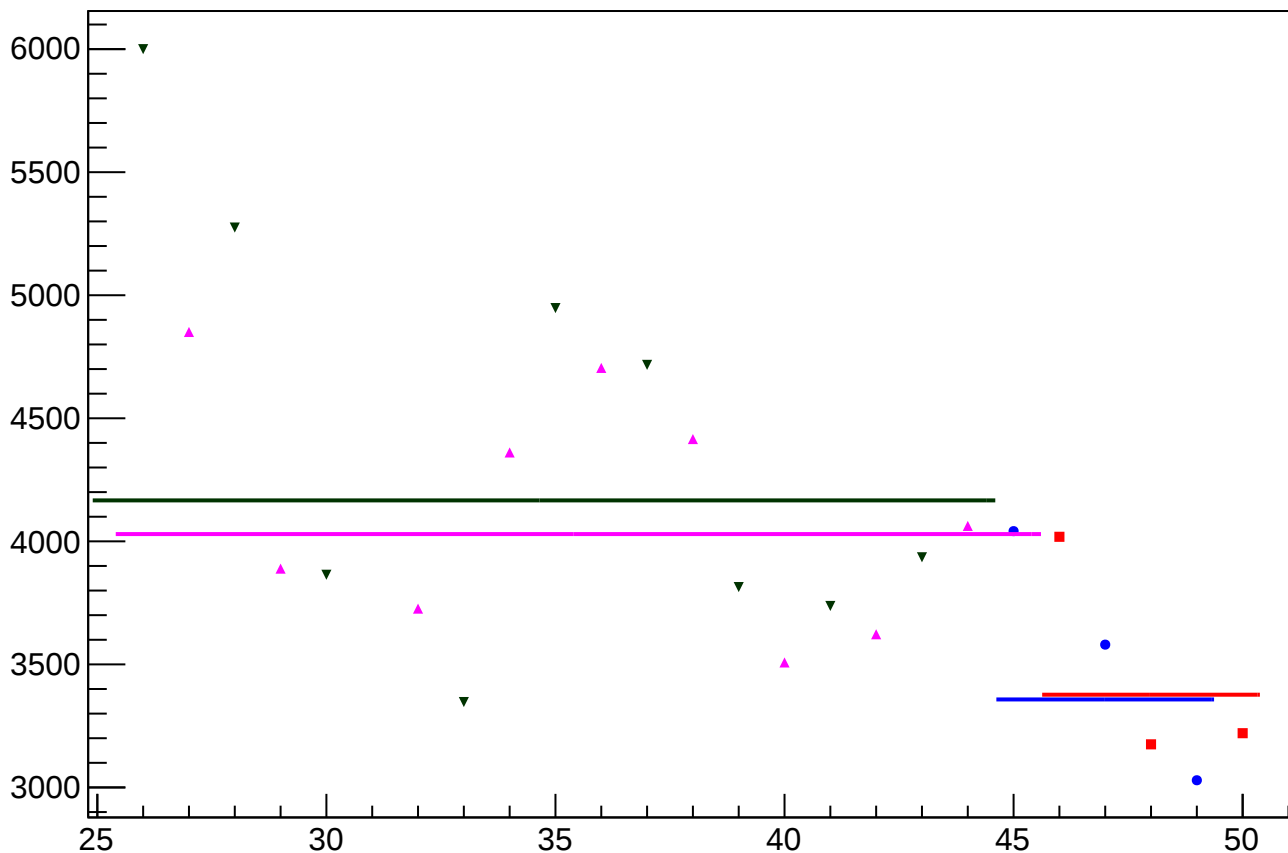
Right Out: 1368.533 $\pm$ 2867.317 χ^2 /NDF: 2.7/2

Left In: 3100.951 $\pm$ 1715.208 χ^2 /NDF:10.0/8

846.399 $\pm$ 1503.705 χ^2 /NDF: 9.6/11

2644.401 $\pm$ 1471.951 χ^2 /NDF: 13.0/11

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

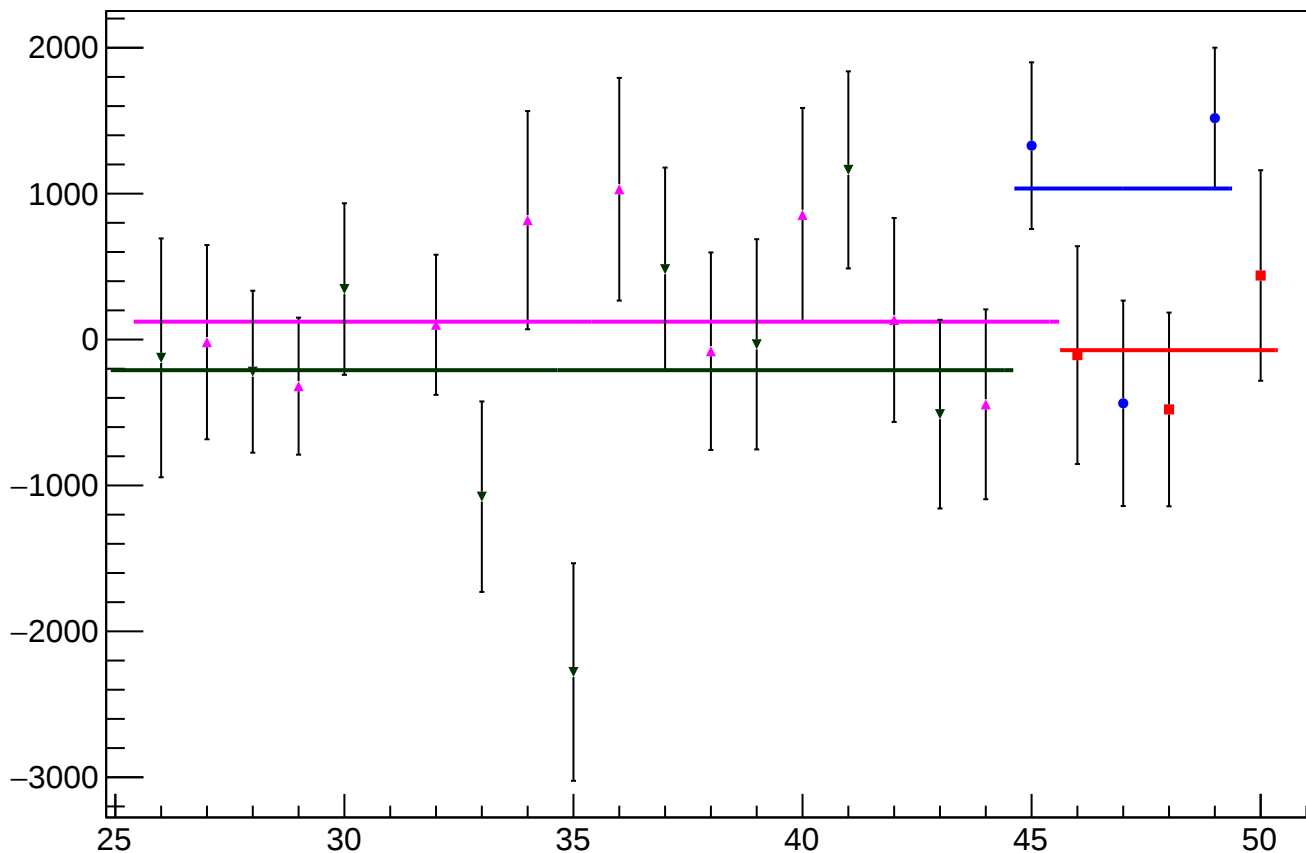
Right Out: 3376.824+/-2.027 χ^2/NDF : 27736.9/2

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

3850.614+/-1.063 χ^2/NDF : 489386.9/11

3857.506+/-1.041 χ^2/NDF : 235108.7/11

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

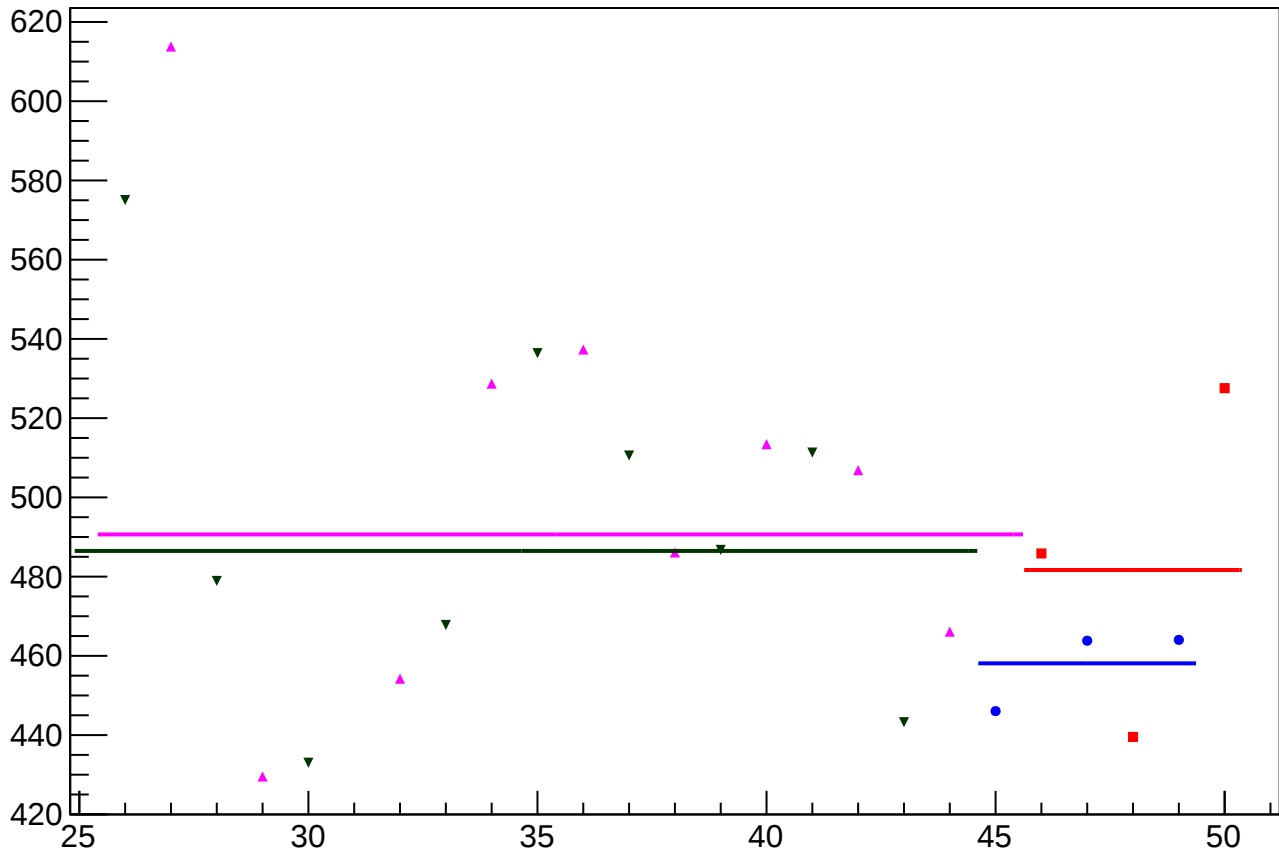
Right Out: -72.765 $\pm$ 408.772 χ^2 /NDF: 0.9/2

Left In: 122.495 $\pm$ 208.120 χ^2 /NDF:5.1/8

182.604 $\pm$ 183.434 χ^2 /NDF: 31.3/11

82.299 $\pm$ 185.466 χ^2 /NDF: 6.1/11

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

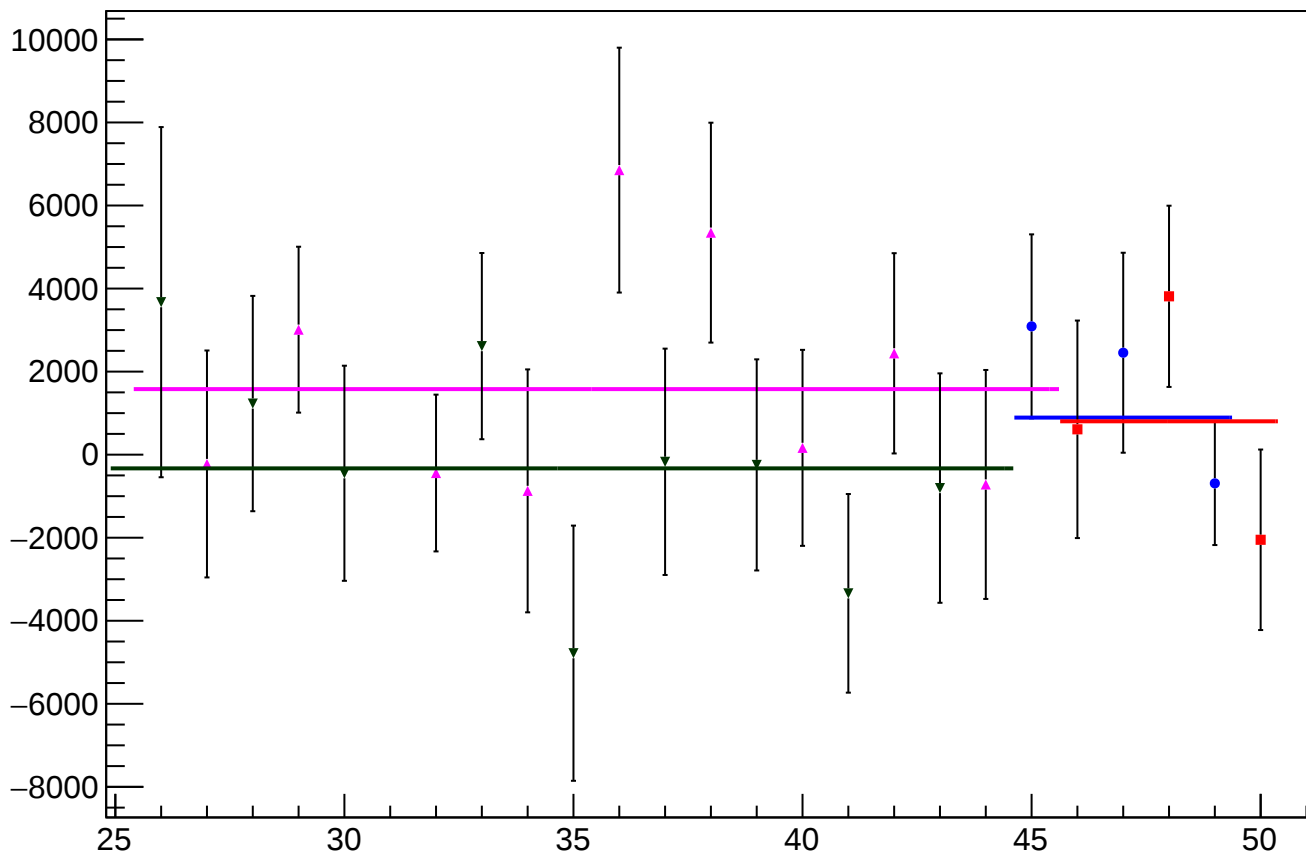
477.539+/-0.130 χ^2/NDF : 76627.0/11

Right Out: 481.670+/-0.289 χ^2/NDF : 16216.6/2

488.801+/-0.131 χ^2/NDF : 149351.0/11

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

asym_sam_48_avg_correction_mean vs slug



Right In: 892.603 ± 1098.166 $\chi^2/\text{NDF}: 2.5/2$

Left Out: -330.295 ± 892.971 $\chi^2/\text{NDF}: 6.7/8$

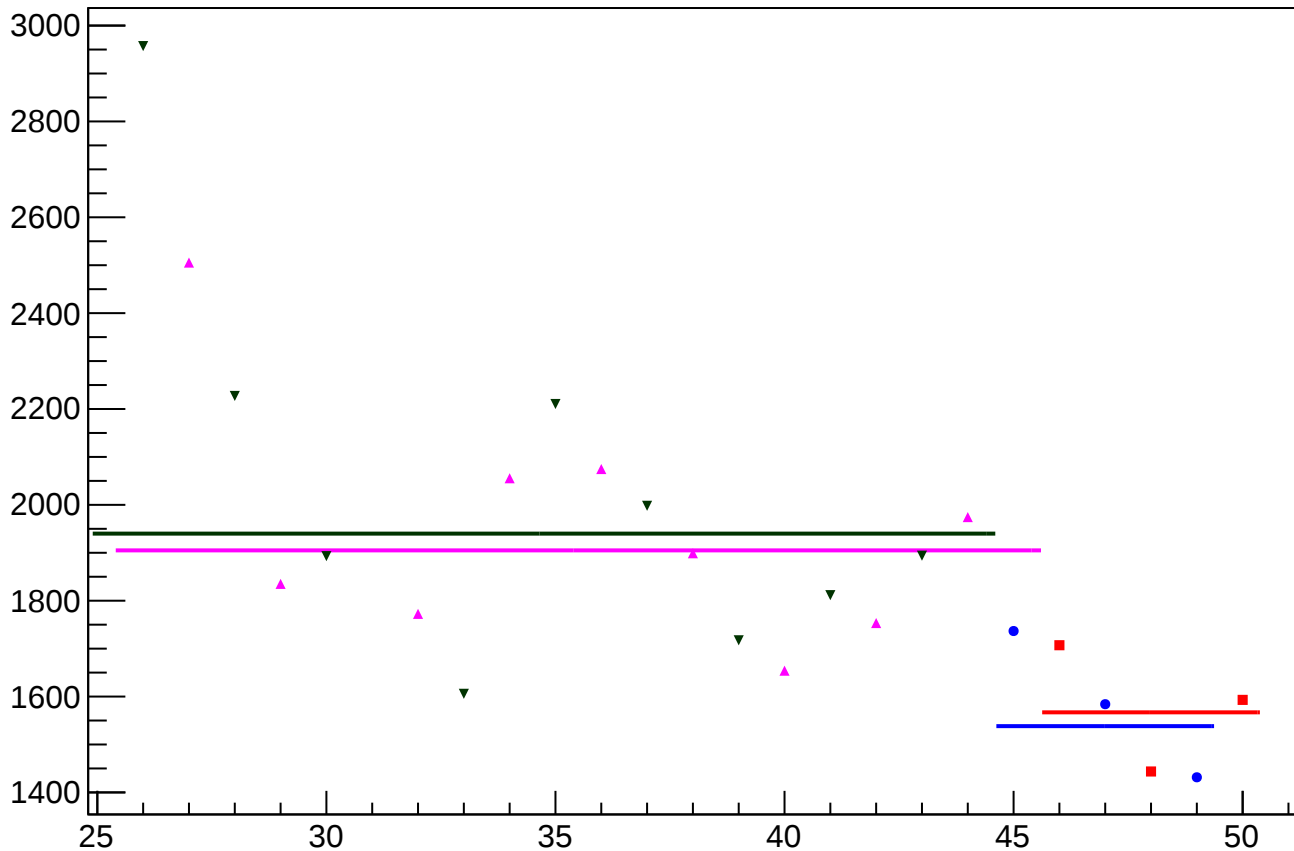
Right Out: 803.100 ± 1327.483 $\chi^2/\text{NDF}: 3.6/2$

Left In: 1578.556 ± 810.363 $\chi^2/\text{NDF}: 9.2/8$

156.453 ± 692.828 $\chi^2/\text{NDF}: 10.0/11$

1368.034 ± 691.671 $\chi^2/\text{NDF}: 13.1/11$

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

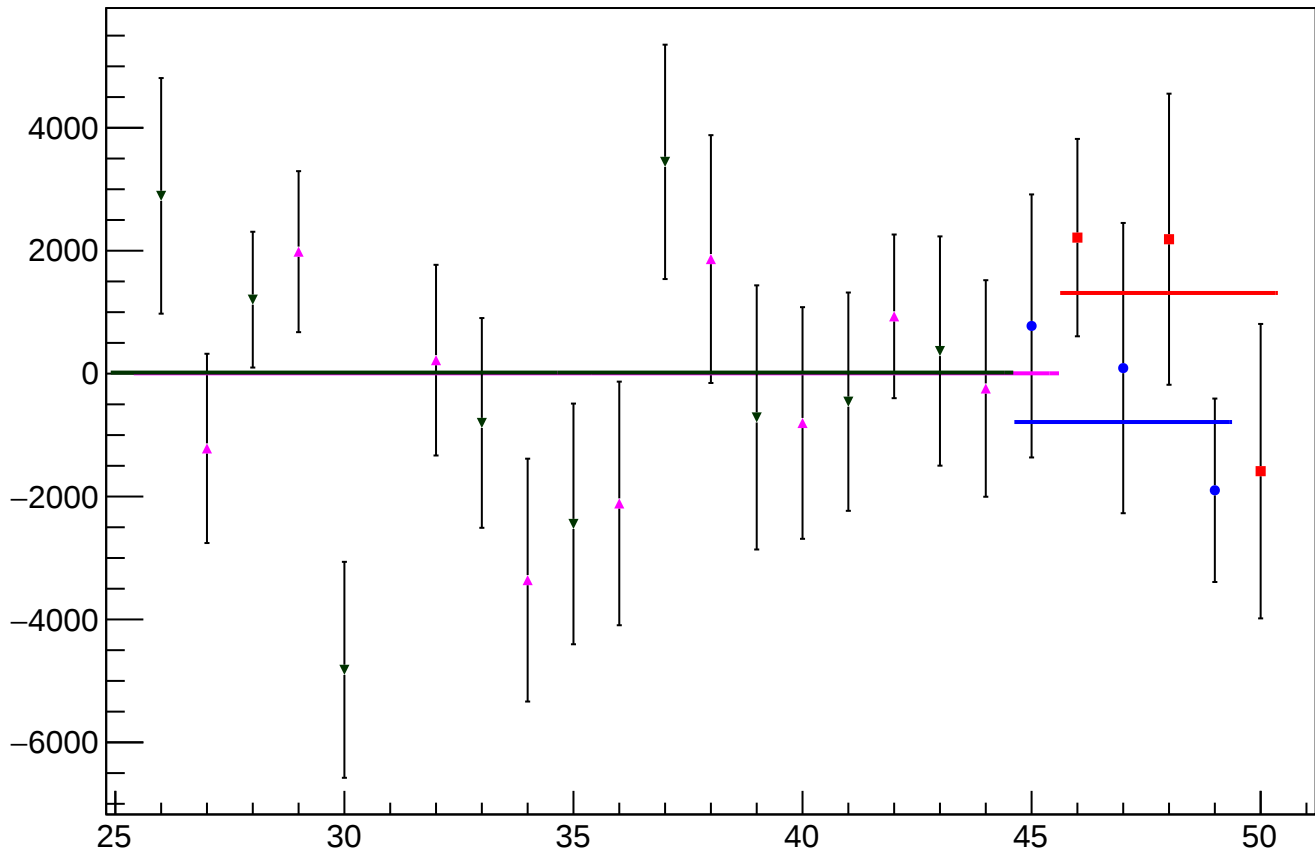
Right Out: 1567.077 ± 0.939 χ^2/NDF : 12400.0/2

Left In: 1905.010 ± 0.573 χ^2/NDF : 152614.4/8

1780.094 ± 0.490 χ^2/NDF : 412281.0/11

1813.267 ± 0.489 χ^2/NDF : 259436.5/11

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

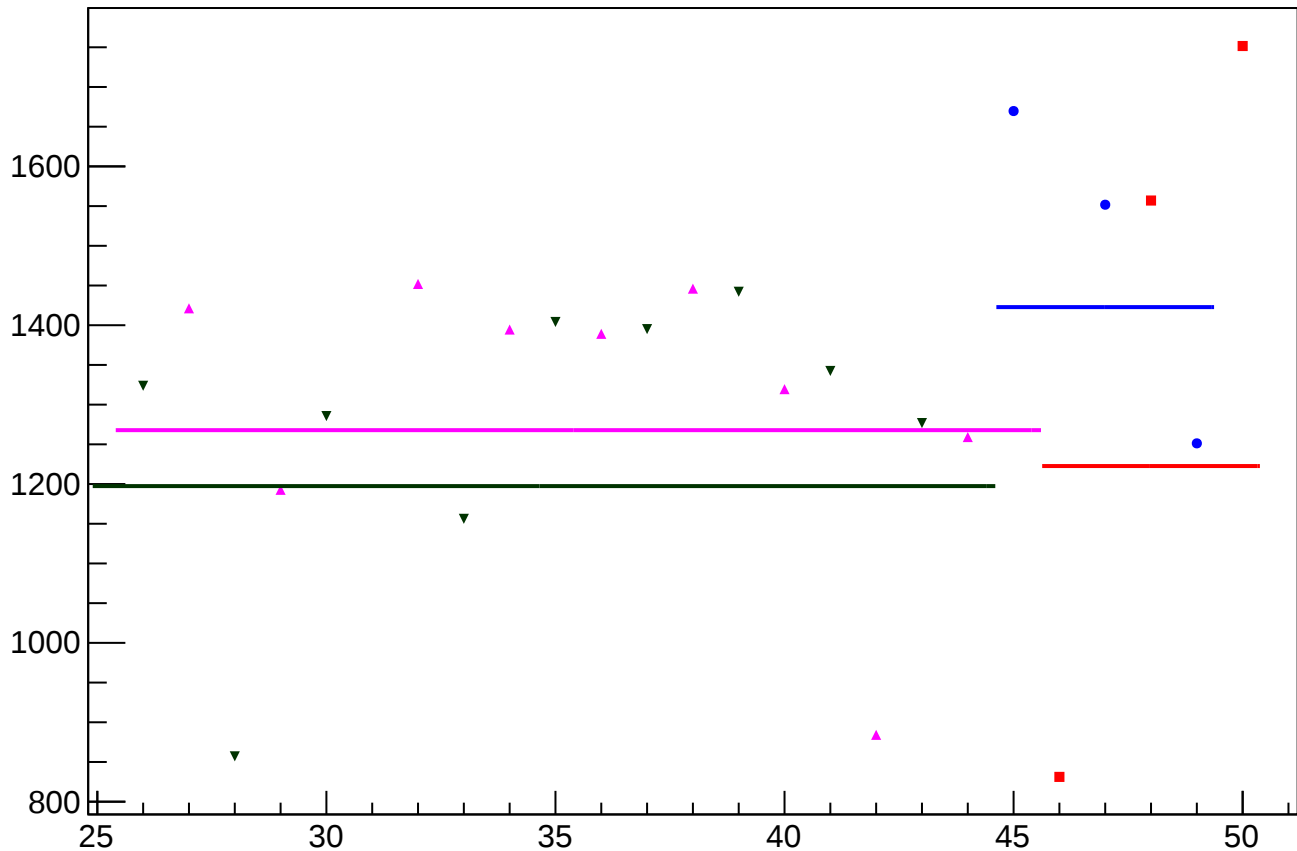
-154.863+/-502.396 χ^2/NDF : 17.9/11

Right Out: 1312.357+/-1162.274 χ^2/NDF : 1.9/2

241.836+/-494.796 χ^2/NDF : 11.5/11

Left In: 4.879+/-546.821 χ^2/NDF :8.5/8

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

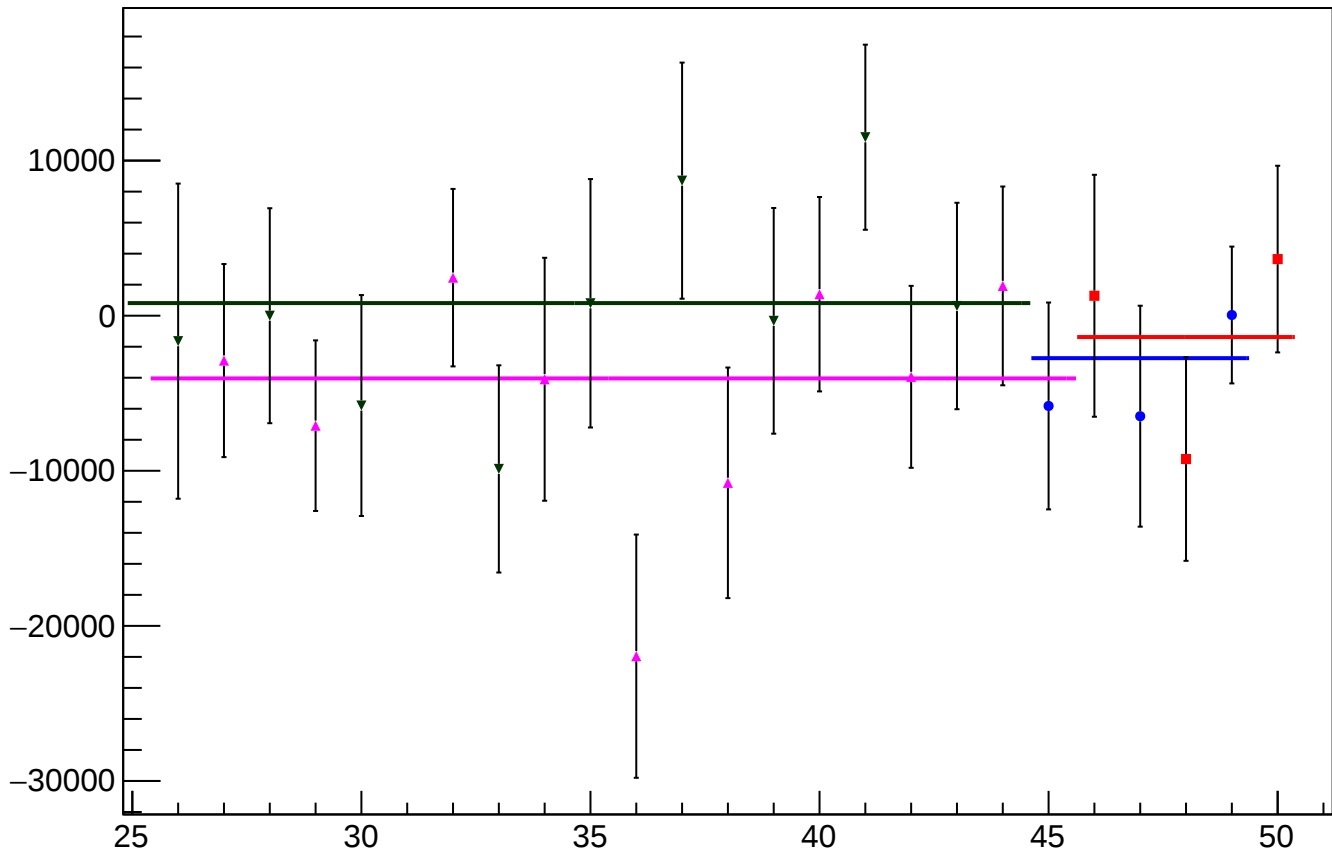
Right Out: 1222.659 ± 0.822 χ^2/NDF : 256182.0/2

Left In: 1267.855 ± 0.387 χ^2/NDF : 253536.2/8

1245.577 ± 0.355 χ^2/NDF : 417953.4/11

1259.664 ± 0.350 χ^2/NDF : 512194.4/11

asym_sam_26_dd_mean vs slug



Right In: -2738.511+/-3268.783 χ^2/NDF : 0.9/2

Left Out: 812.648+/-2390.317 χ^2/NDF : 7.8/8

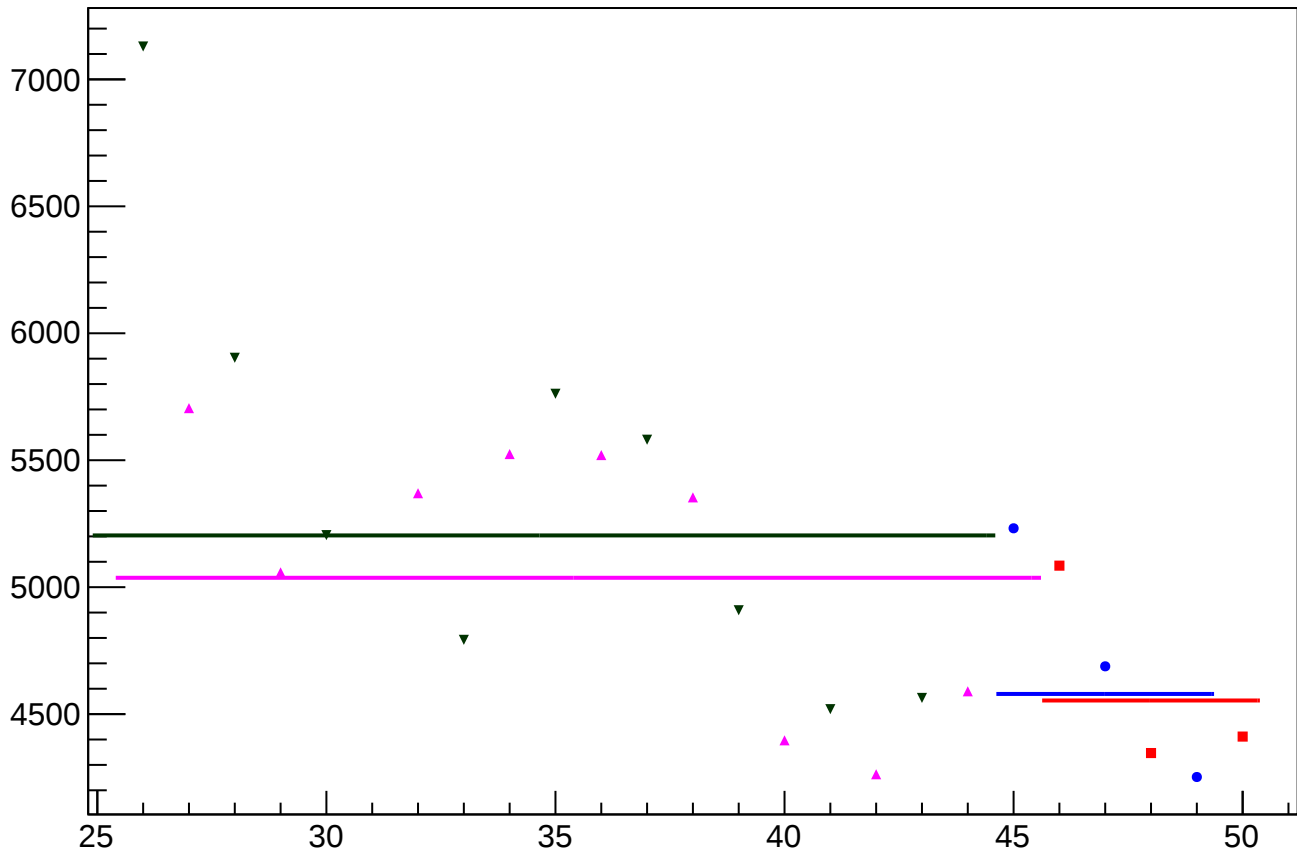
-424.654+/-1929.473 χ^2/NDF : 9.5/11

Right Out: -1376.261+/-3855.722 χ^2/NDF : 2.2/2

-3417.491+/-1869.211 χ^2/NDF : 11.9/11

Left In: -4044.605+/-2137.141 χ^2/NDF : 9.3/8

asym_sam_26_dd_rms vs slug



Right In: 4579.460+/-2.311 χ^2/NDF : 30609.3/2

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

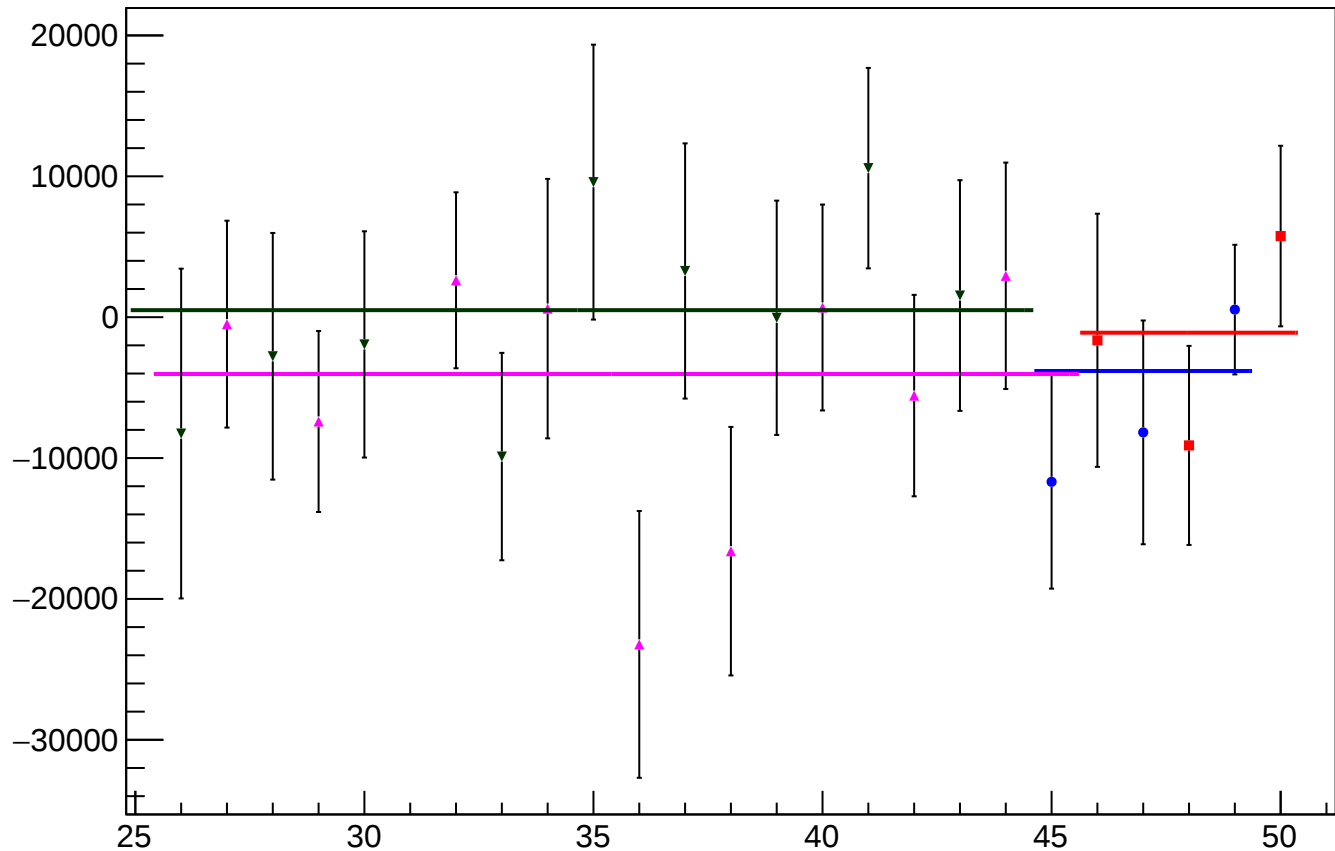
Right Out: 4553.696+/-2.726 χ^2/NDF : 12376.7/2

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

4986.287+/-1.364 χ^2/NDF : 240664.9/11

4923.391+/-1.322 χ^2/NDF : 150635.1/11

asym_sam_37_dd_mean vs slug



Right In: -3819.951 $\pm$ 3524.950 χ^2/NDF : 2.3/2

Left Out: 499.140 $\pm$ 2815.711 χ^2/NDF : 5.8/8

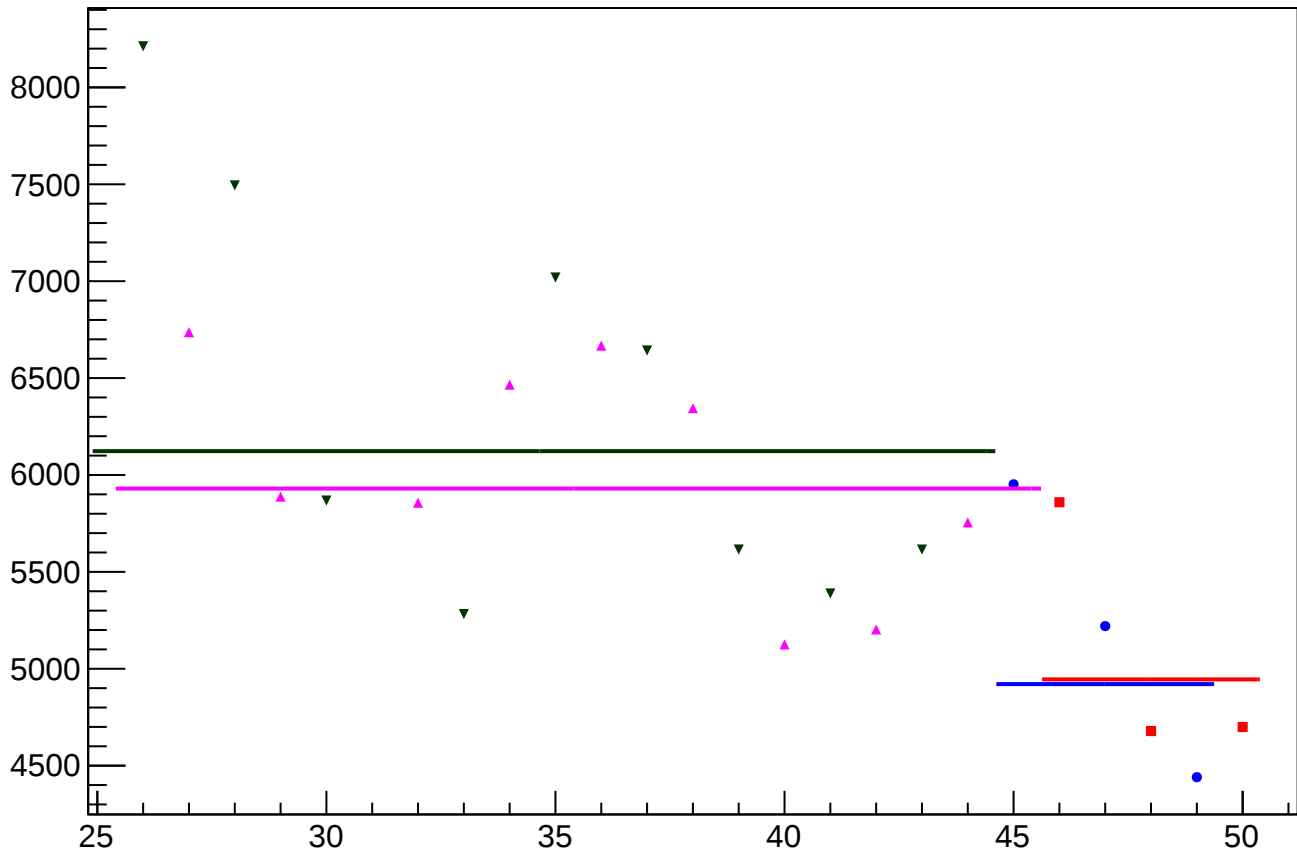
Right Out: -1100.649 $\pm$ 4197.000 χ^2/NDF : 2.4/2

Left In: -4033.740 $\pm$ 2515.841 χ^2/NDF : 9.3/8

-1183.261 $\pm$ 2199.994 χ^2/NDF : 9.0/11

-3258.403 $\pm$ 2157.851 χ^2/NDF : 12.0/11

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

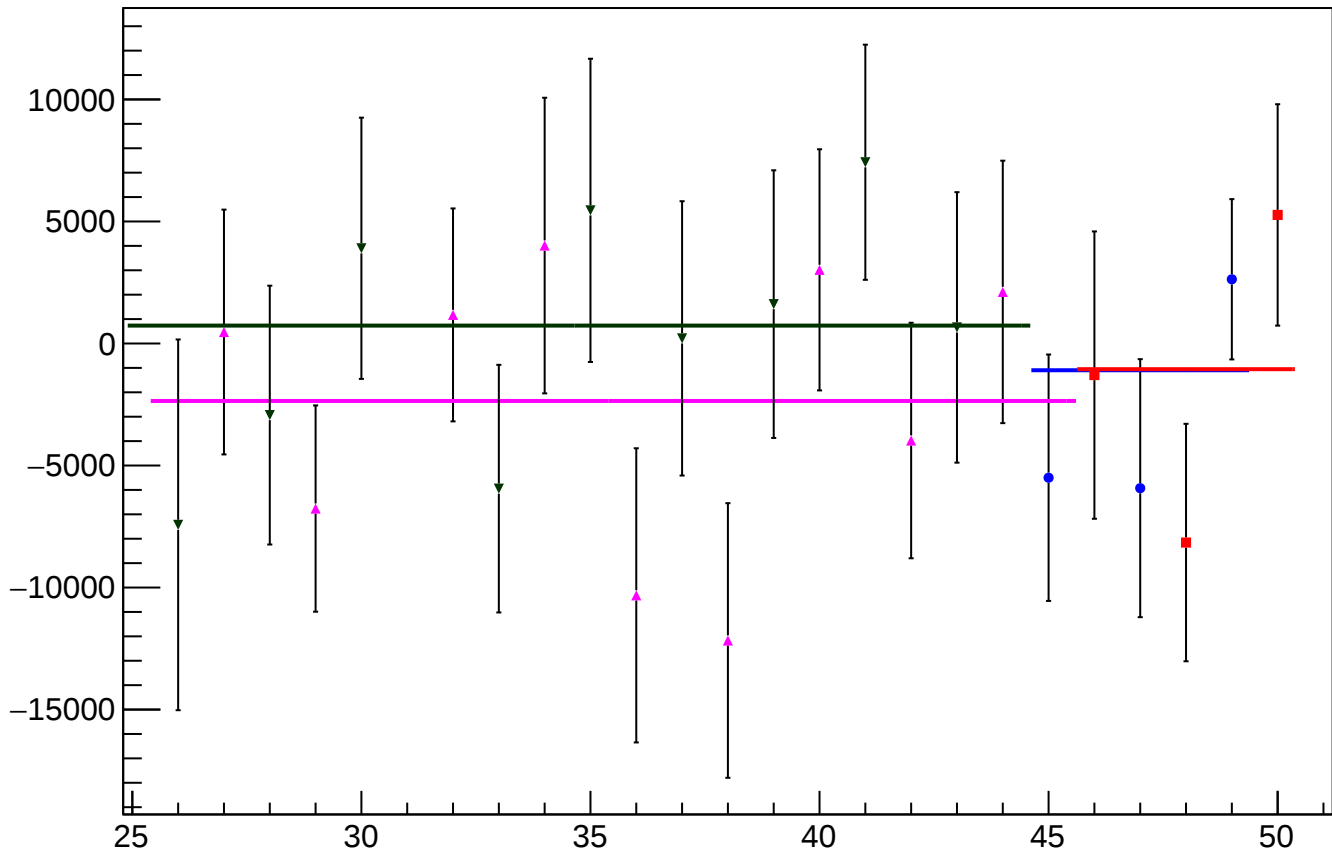
Right Out: 4945.266+/-2.968 χ^2/NDF : 26484.0/2

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

5654.699+/-1.556 χ^2/NDF : 404368.8/11

5669.581+/-1.526 χ^2/NDF : 201123.8/11

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

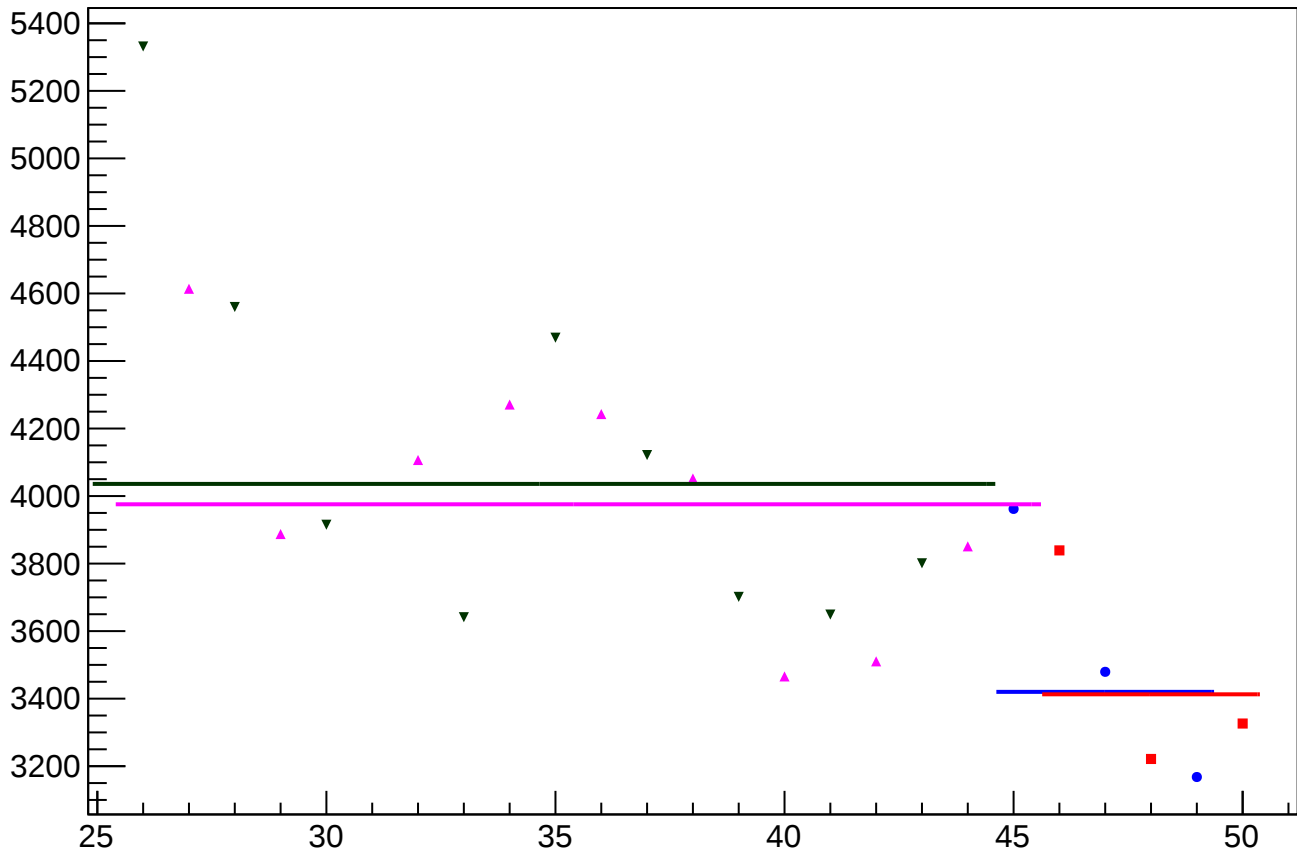
Right Out: -1052.597+/-2890.203 χ^2/NDF : 4.1/2

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

67.464+/-1473.049 χ^2/NDF : 9.5/11

-2025.136+/-1454.200 χ^2/NDF : 14.2/11

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

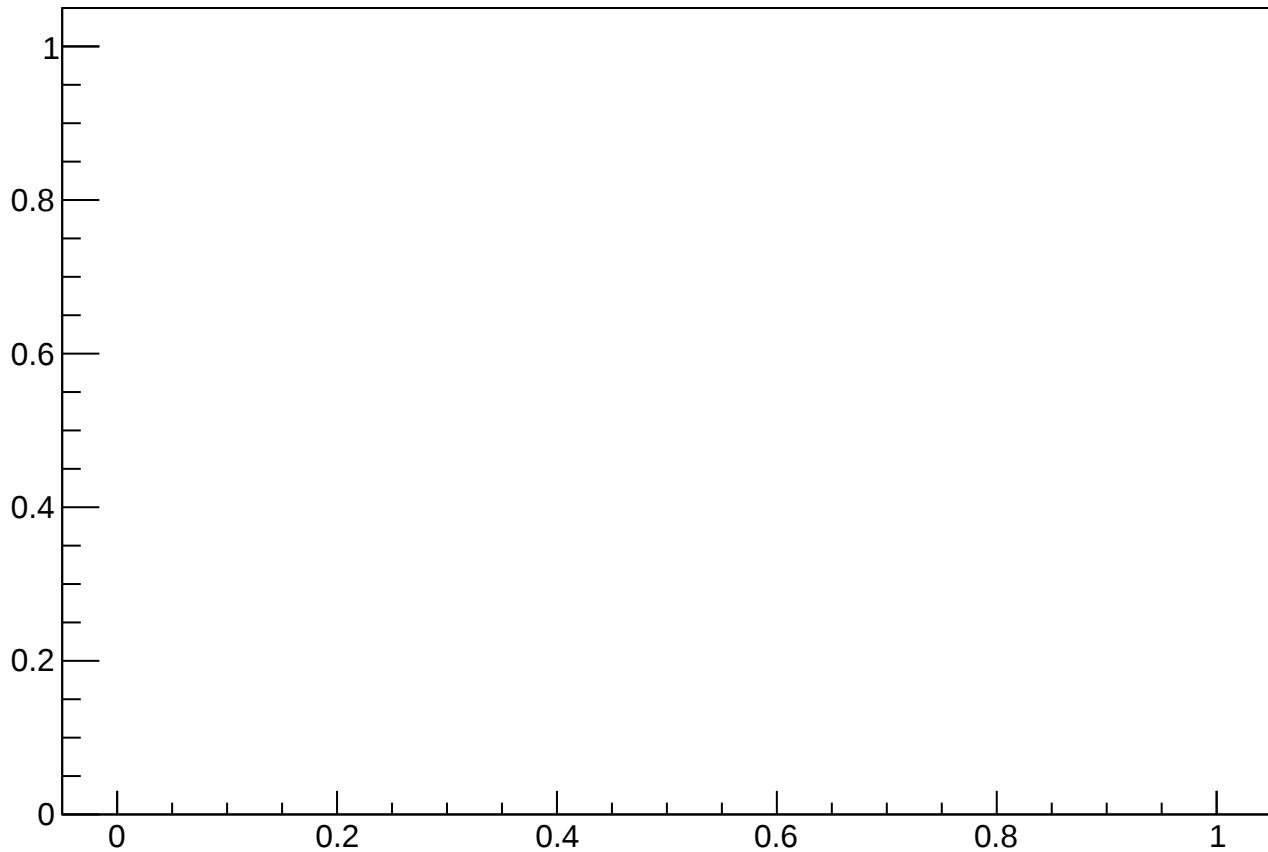
Right Out: 3412.844+/-2.044 χ^2/NDF : 14310.5/2

Left In: 3975.604+/-1.190 χ^2/NDF : 85088.4/8

3811.815+/-1.042 χ^2/NDF : 240977.1/11

3833.137+/-1.028 χ^2/NDF : 156029.3/11

yield_sam_15_dd_mean vs slug



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

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

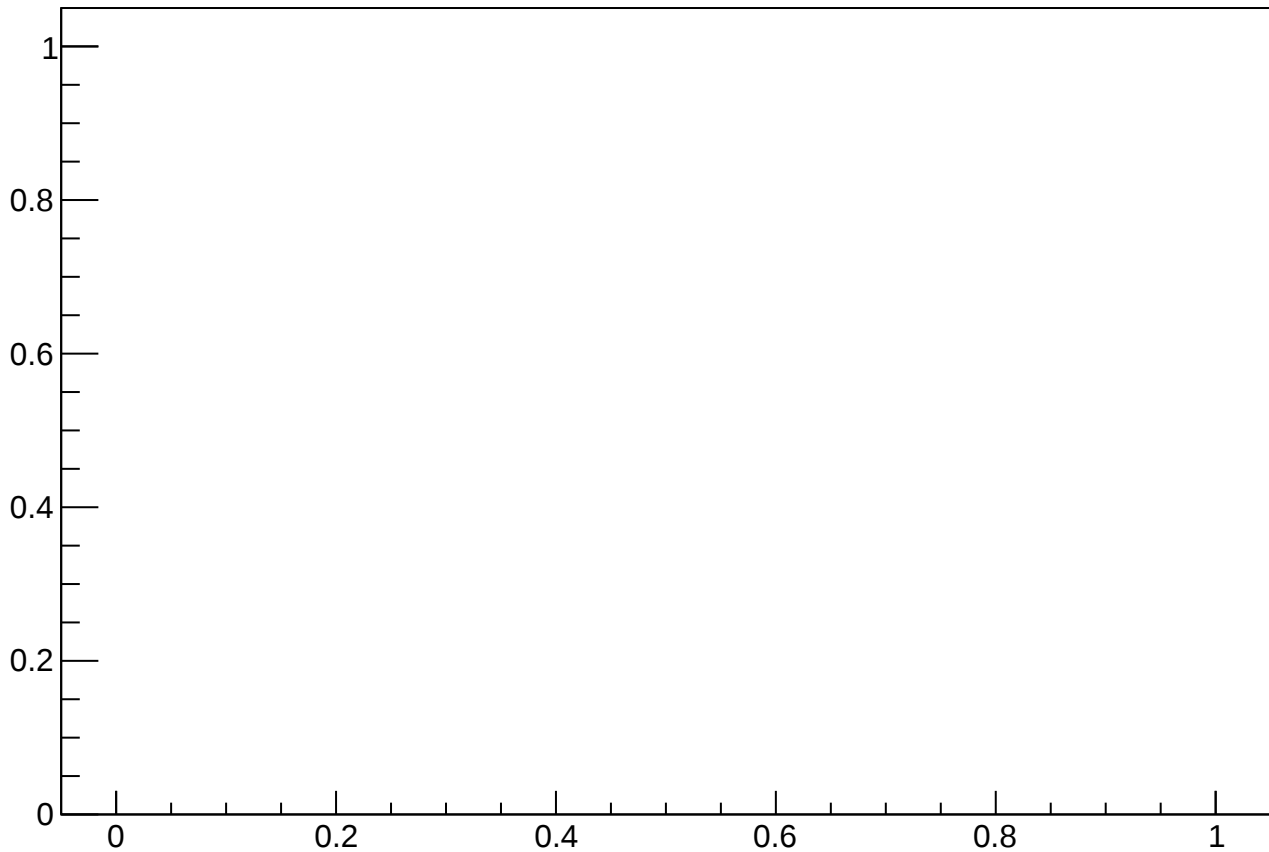
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_dd_rms vs slug



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

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

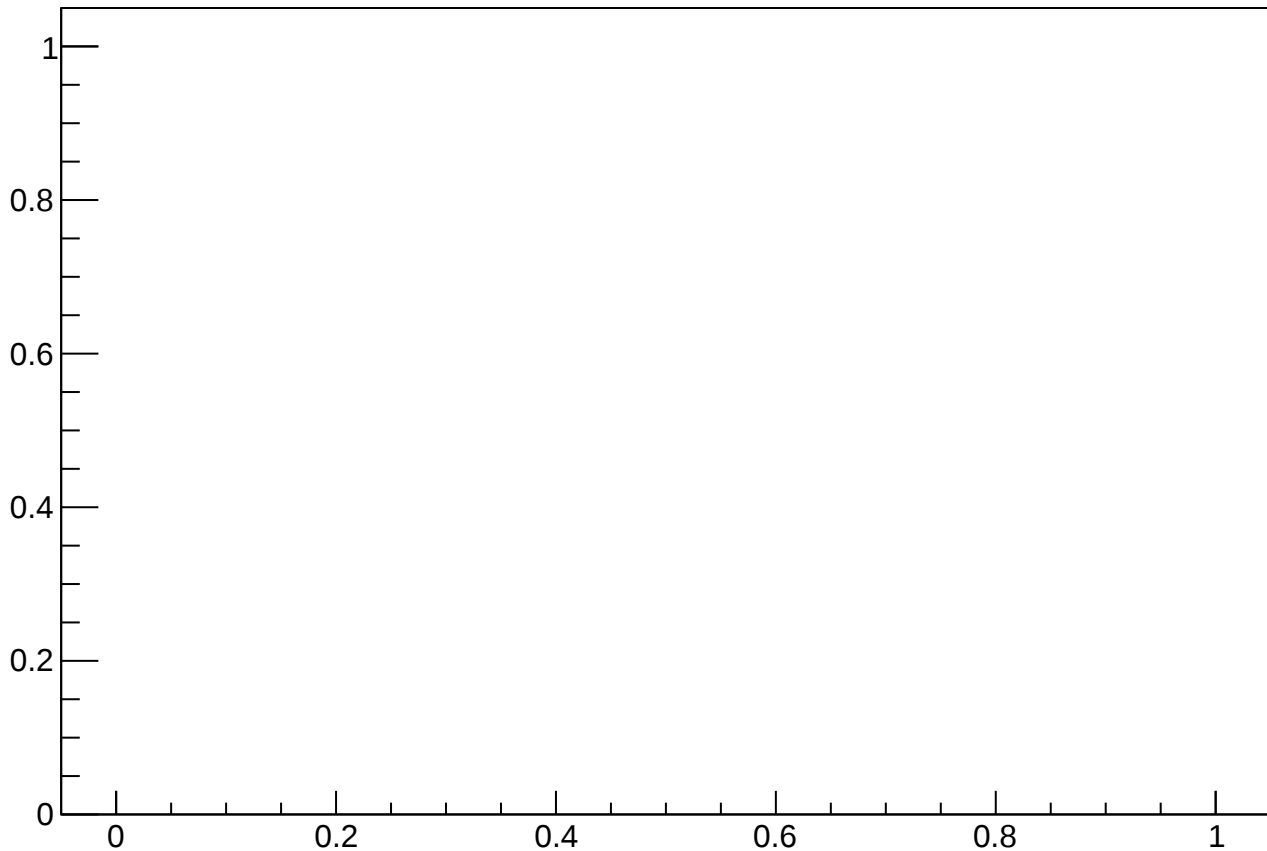
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

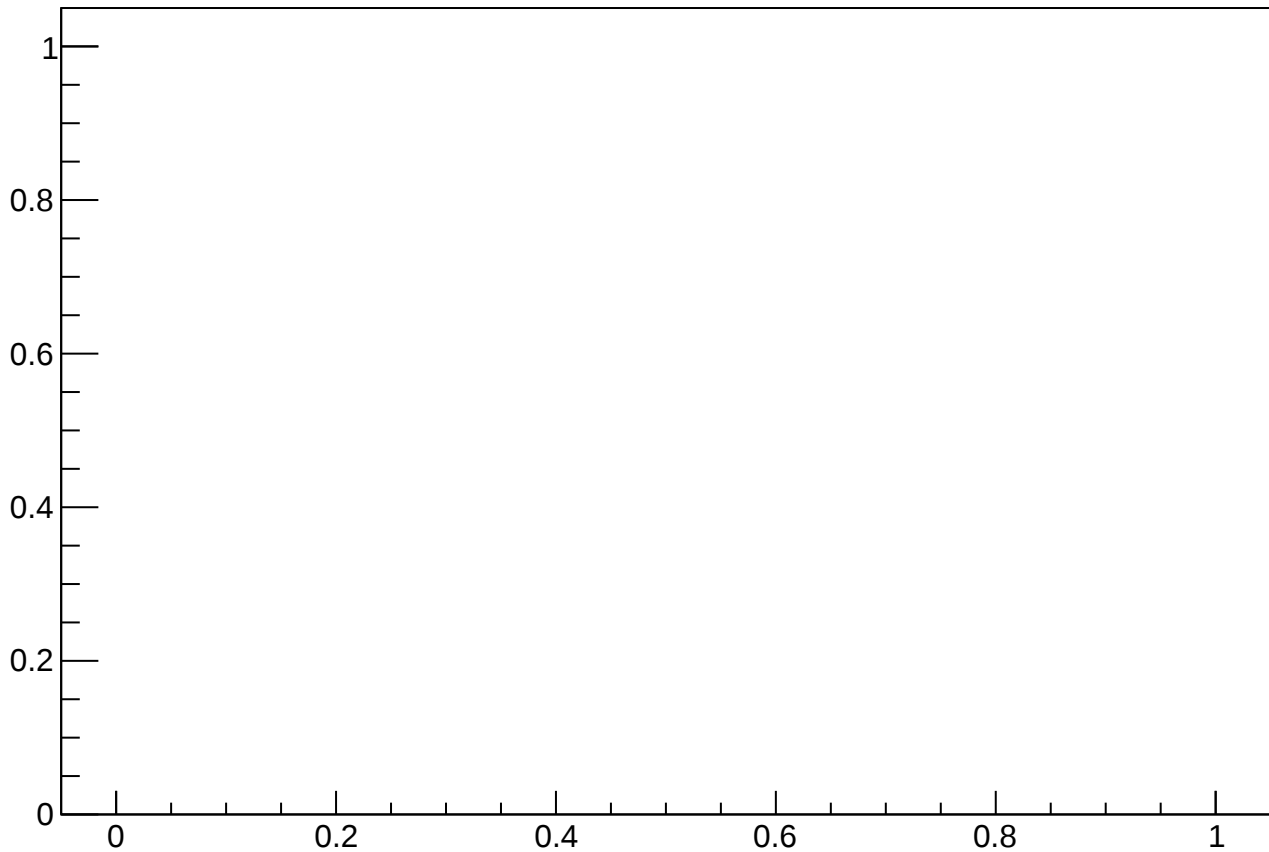
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

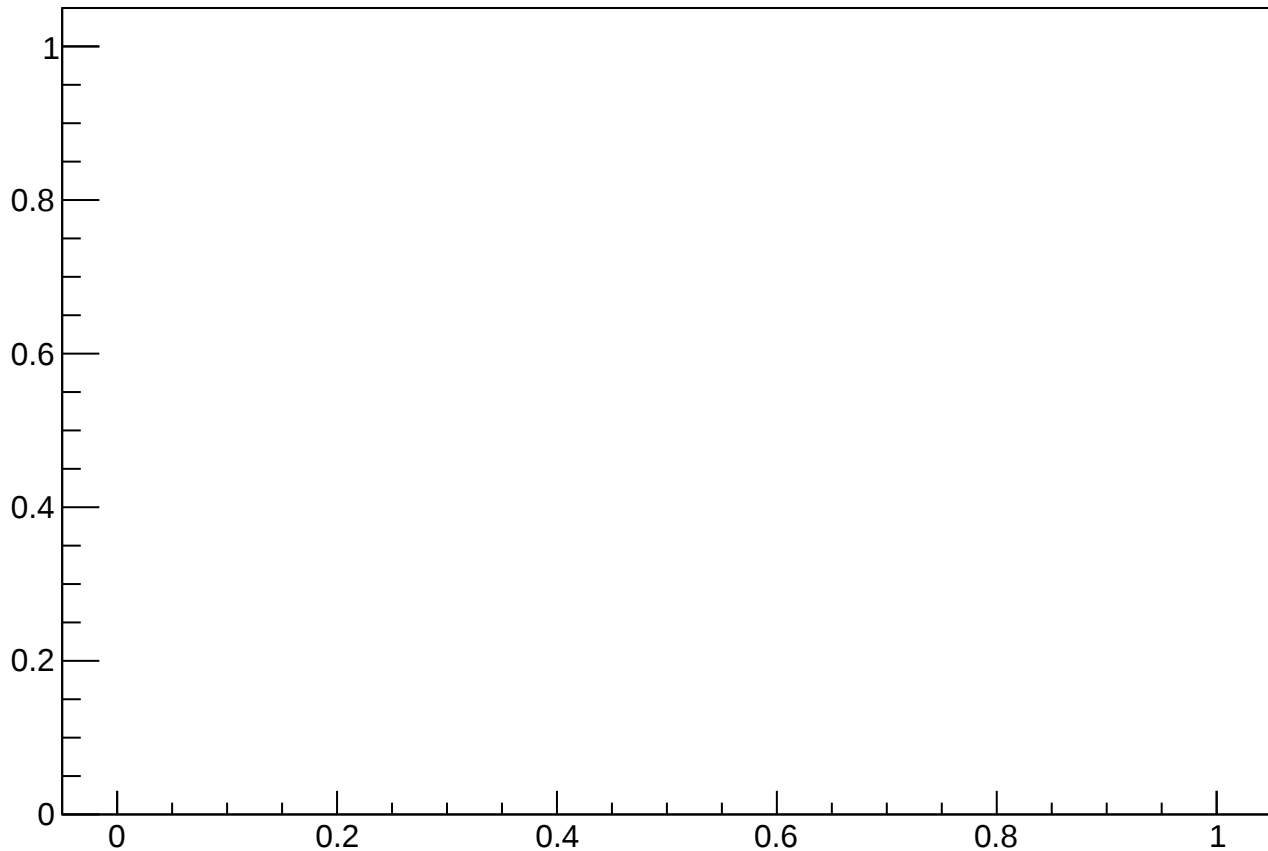
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

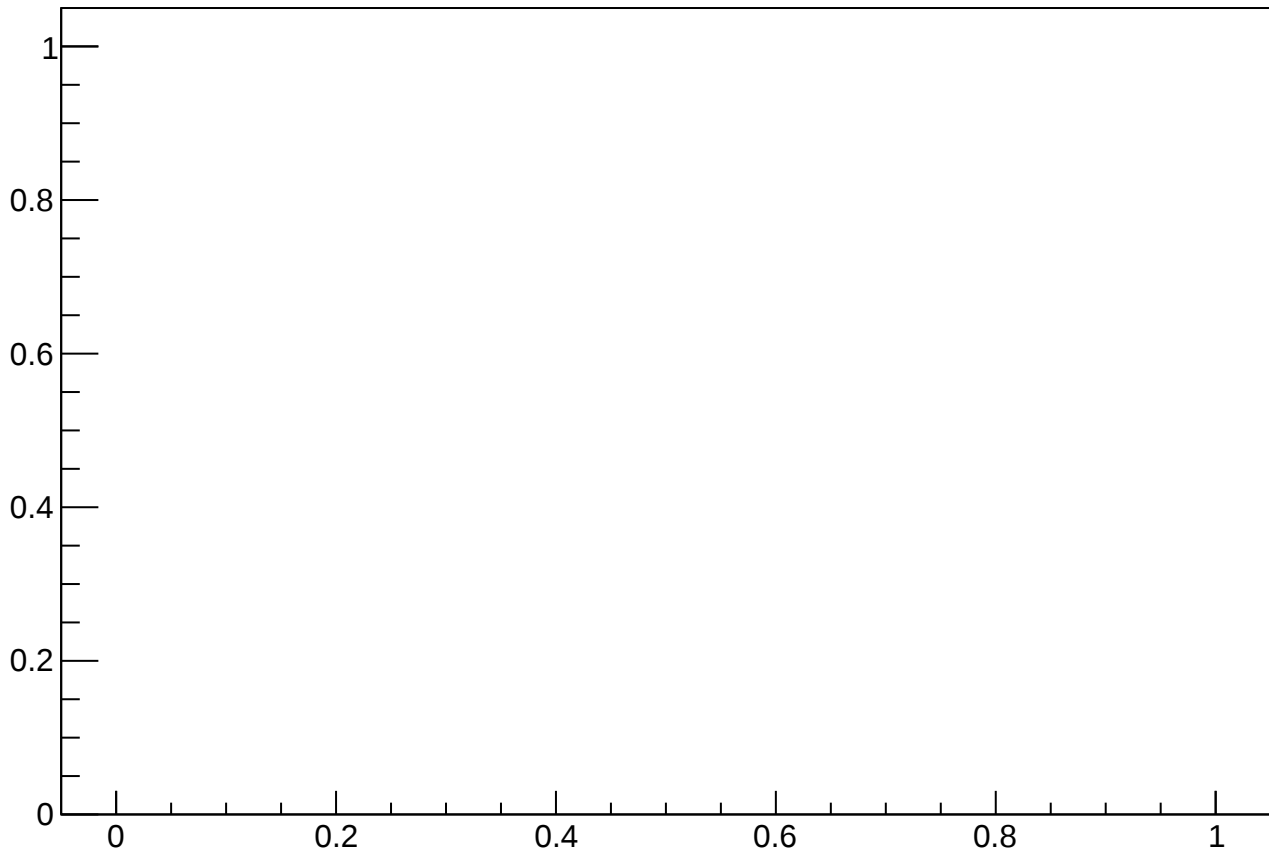
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

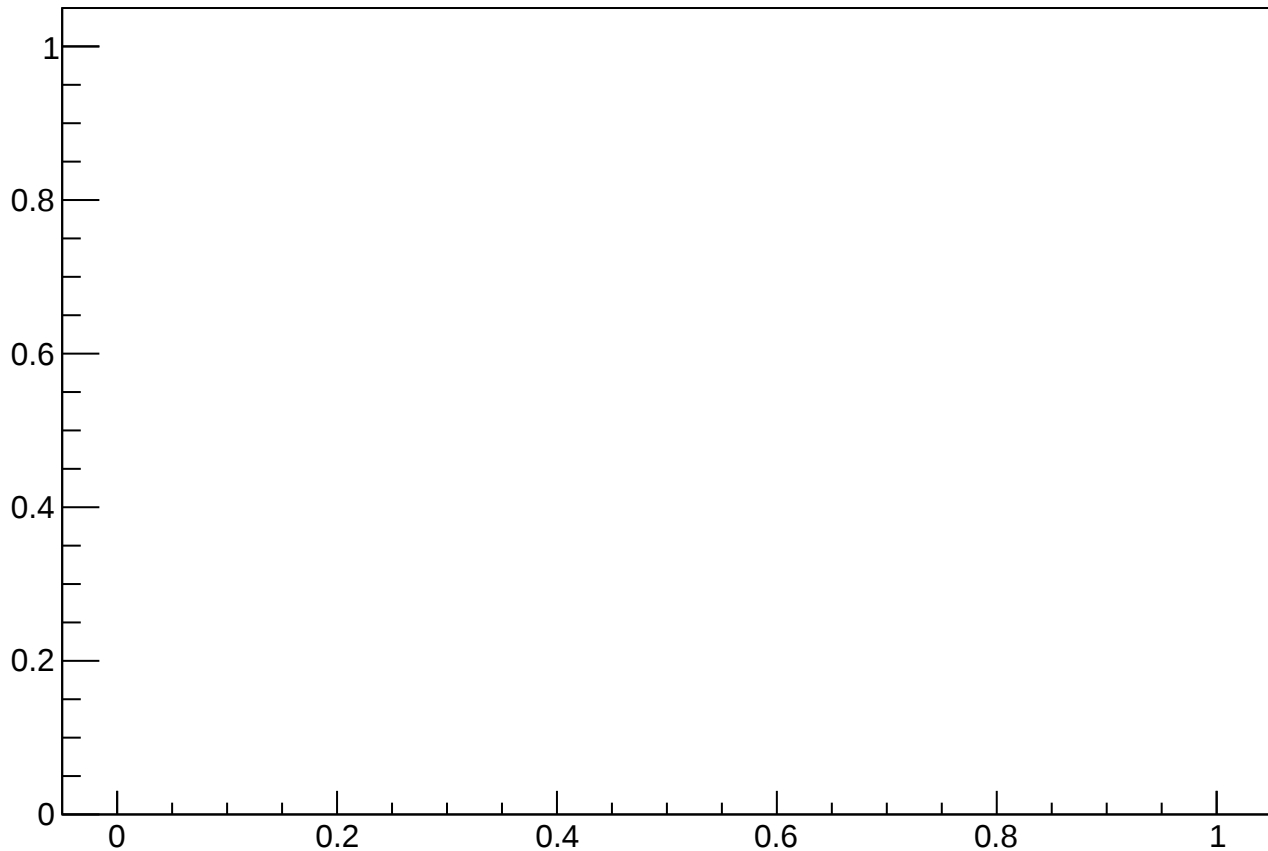
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

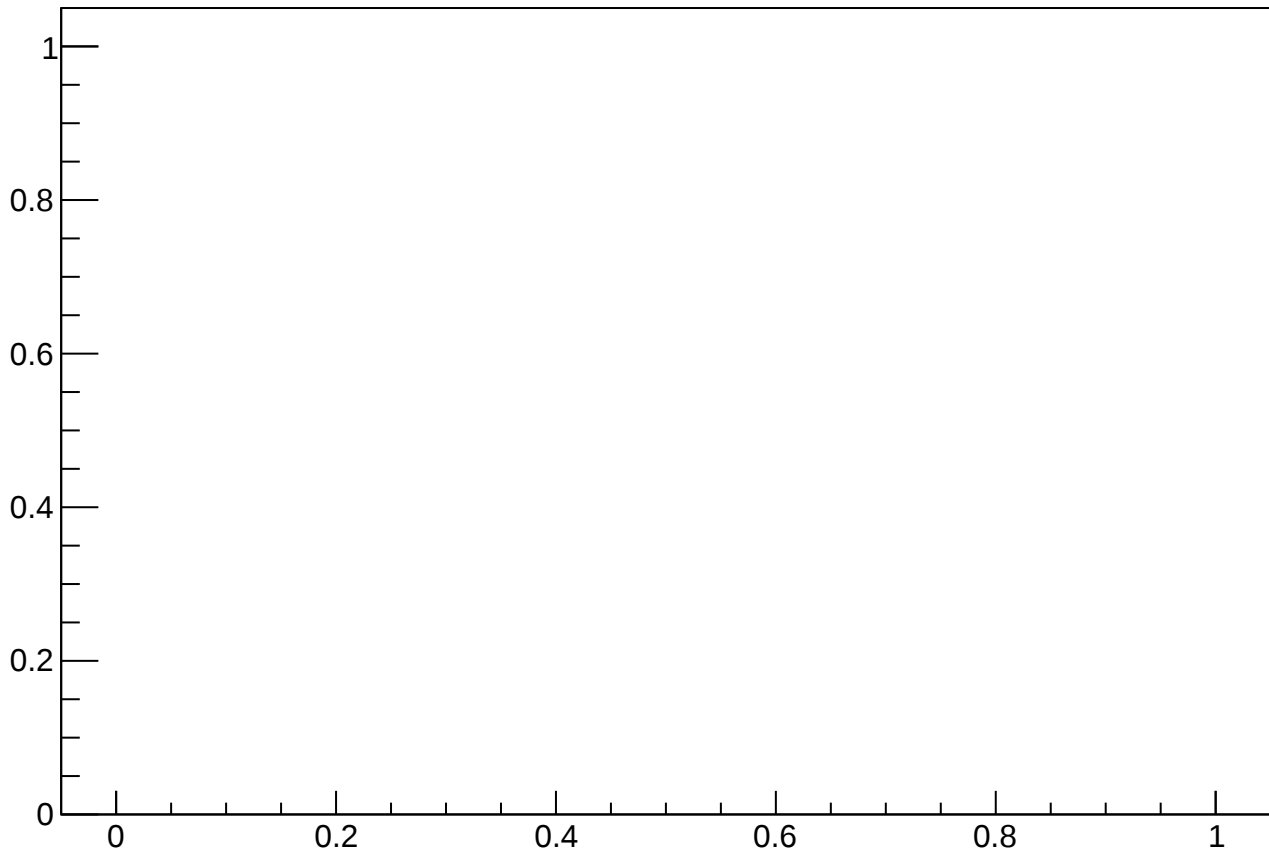
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

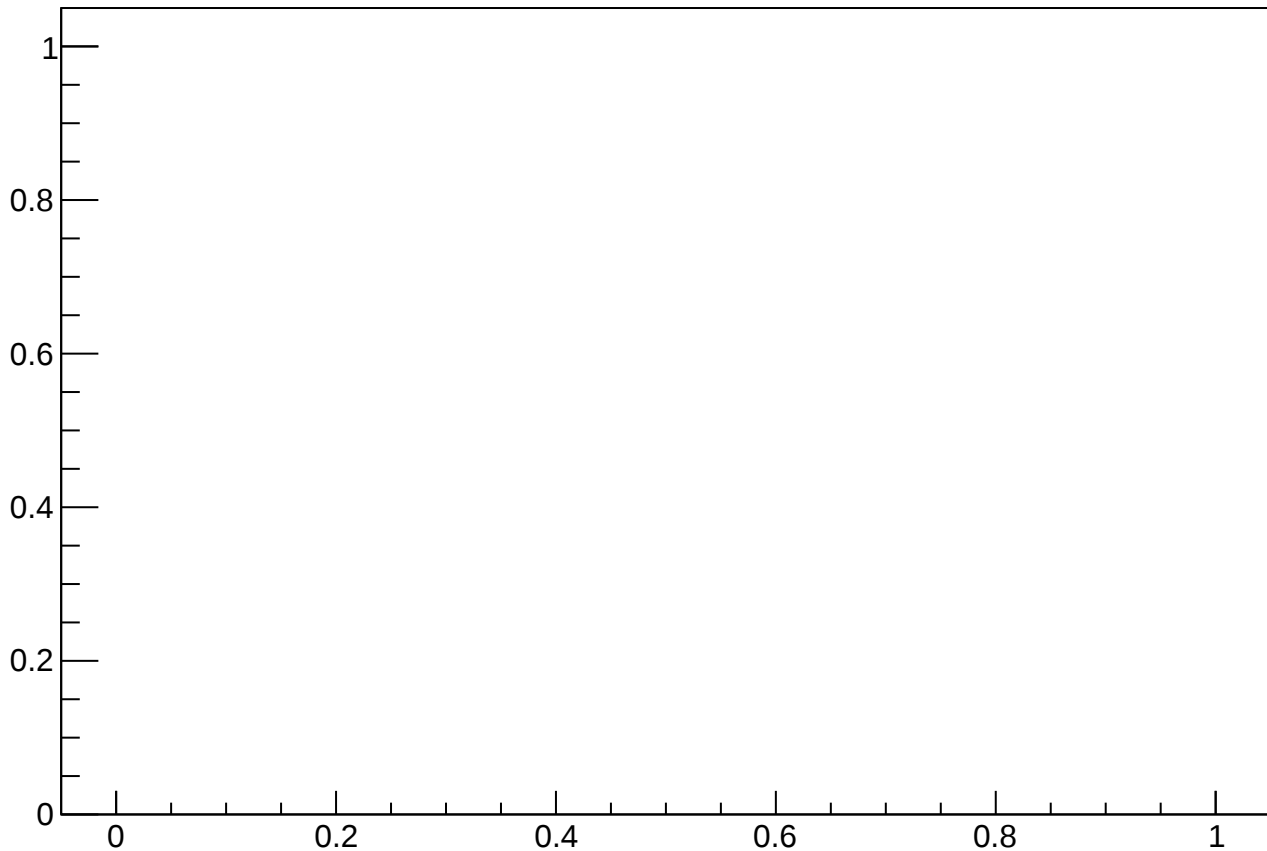
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

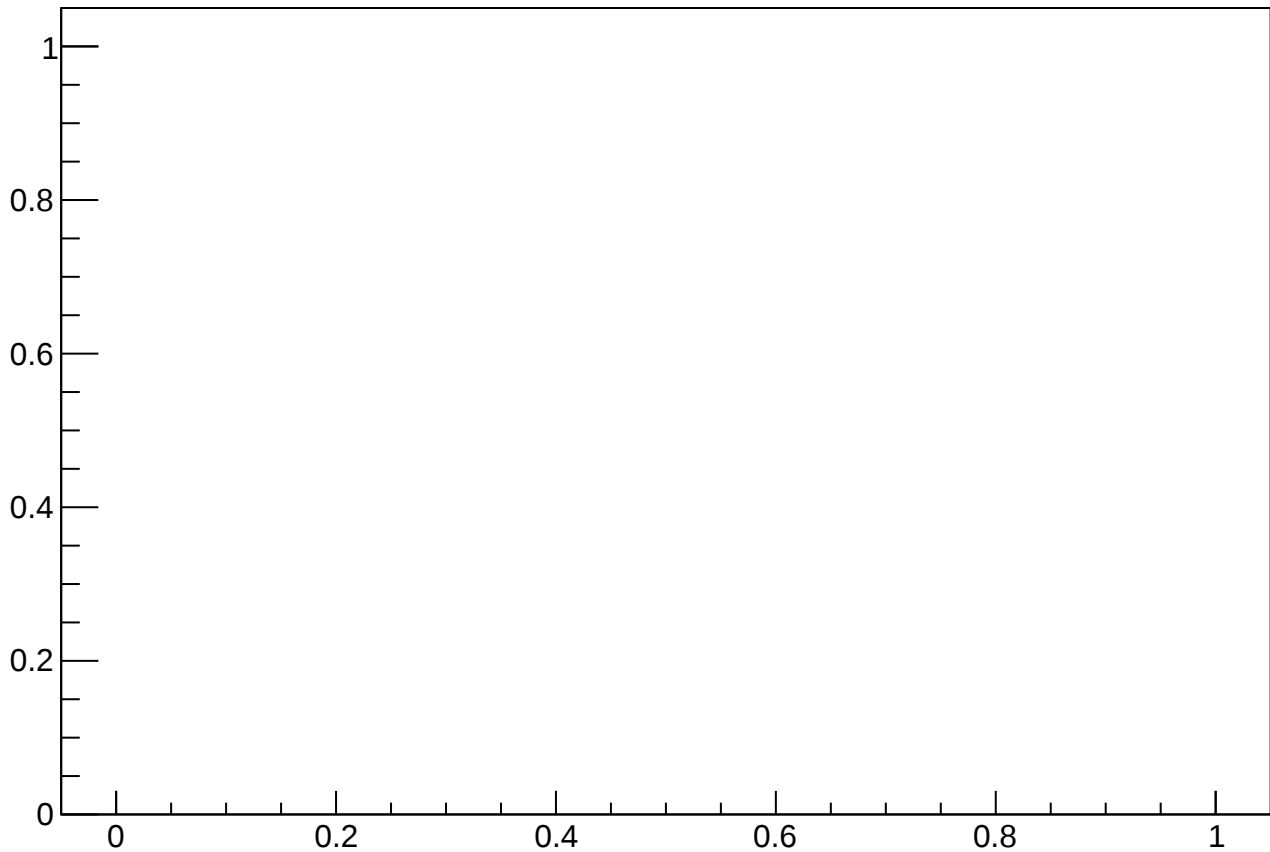
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_rms vs slug



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

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

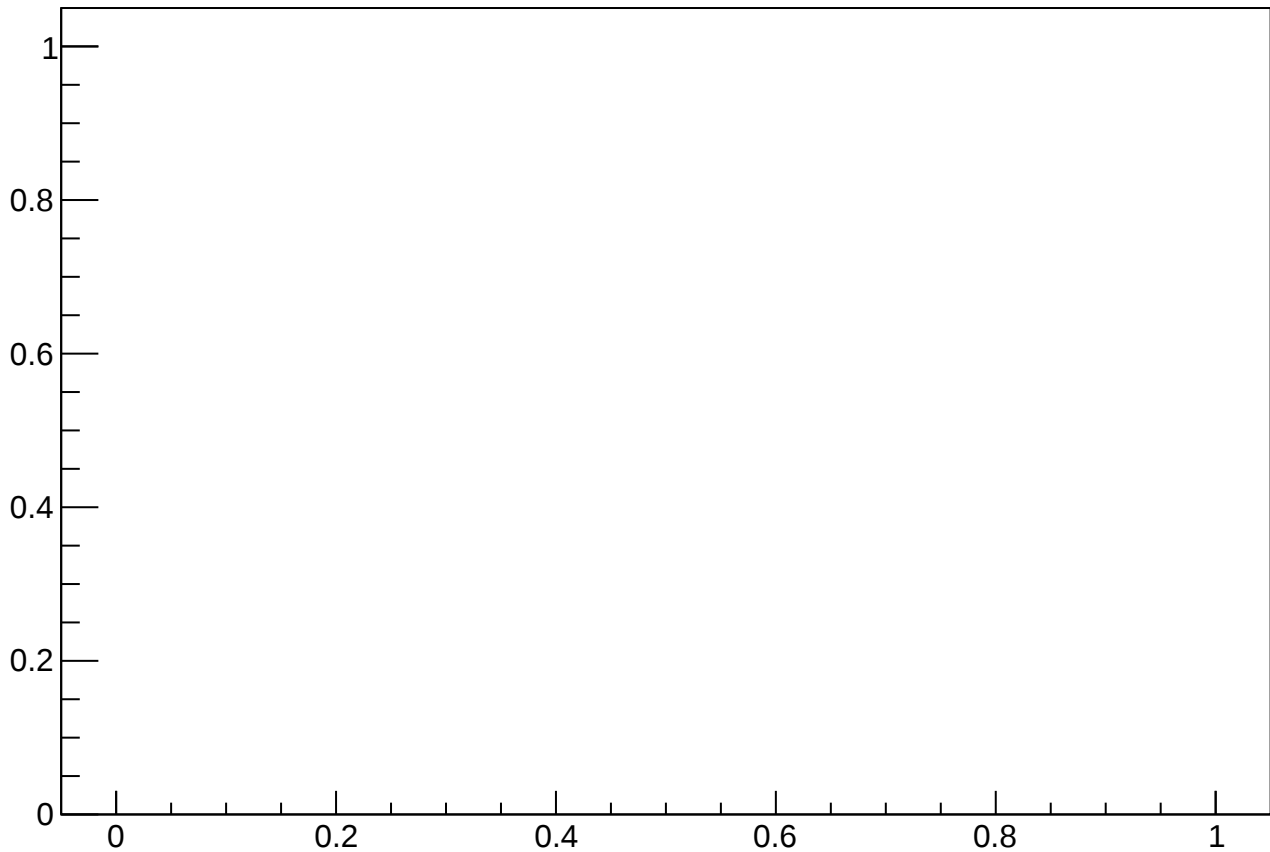
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

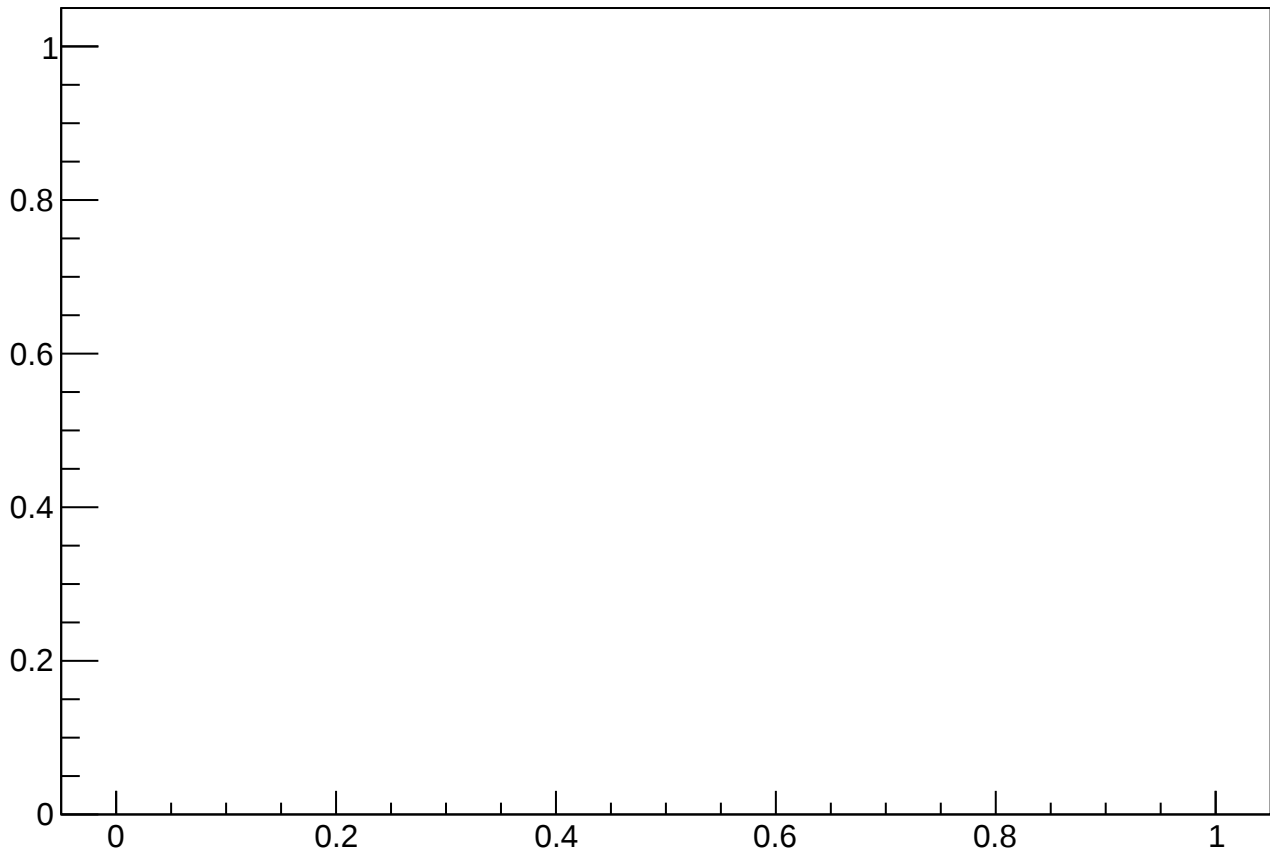
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_dd_rms vs slug



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

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

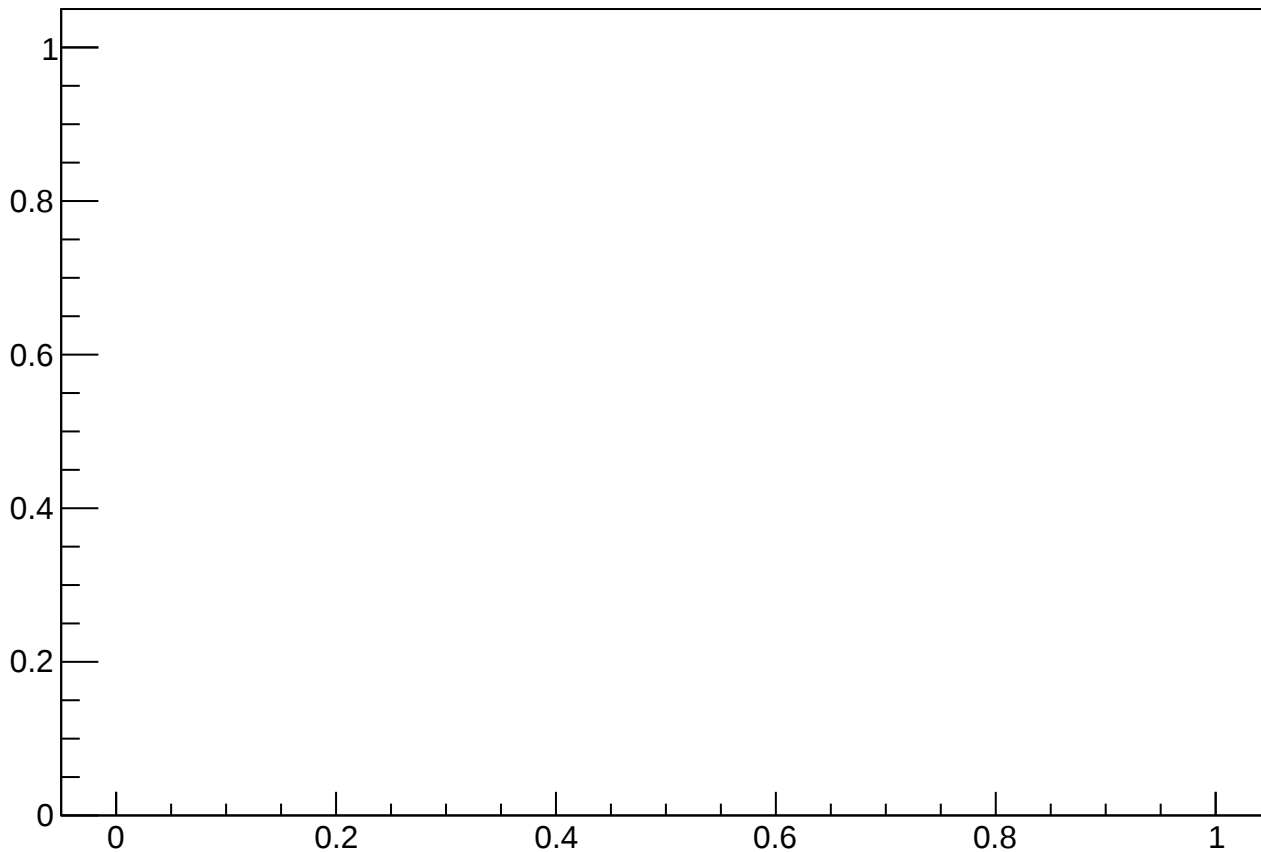
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

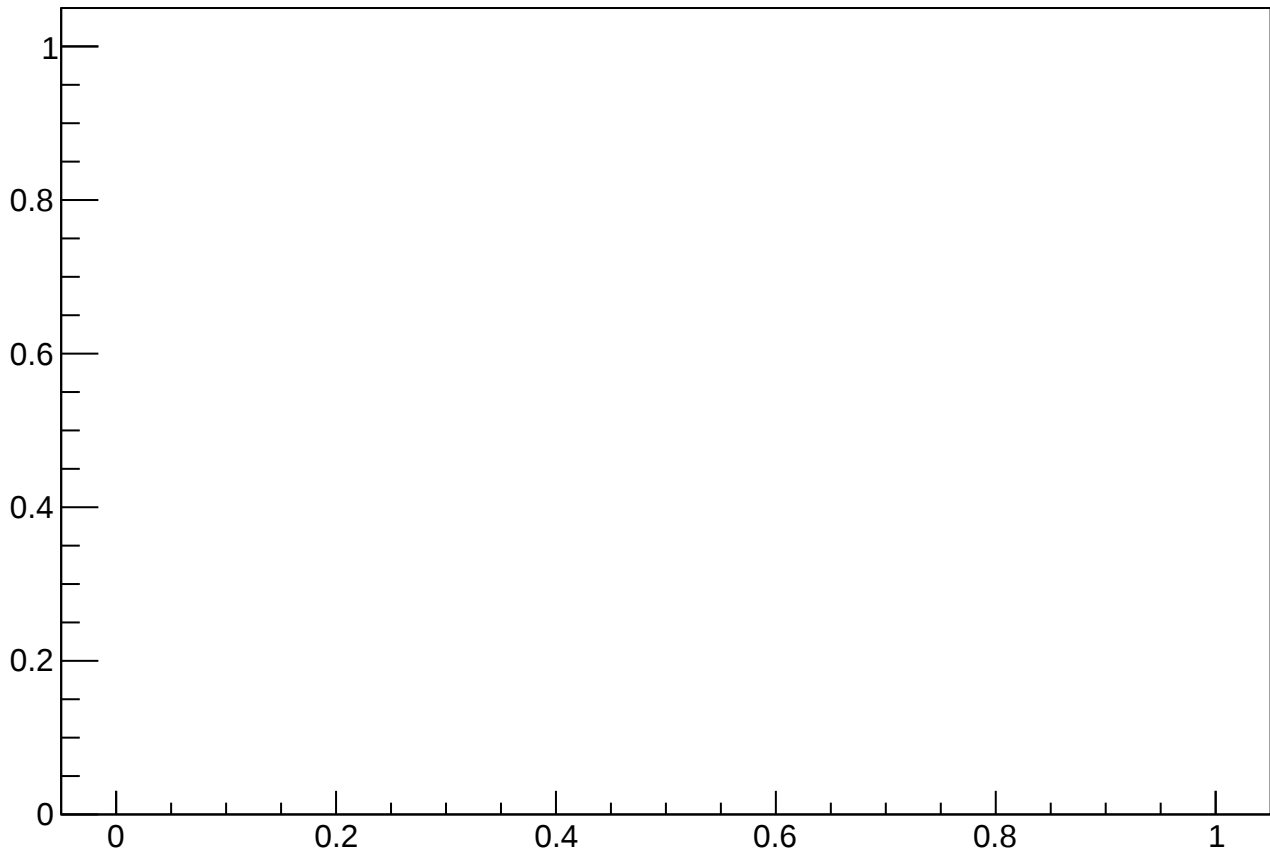
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_rms vs slug



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

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

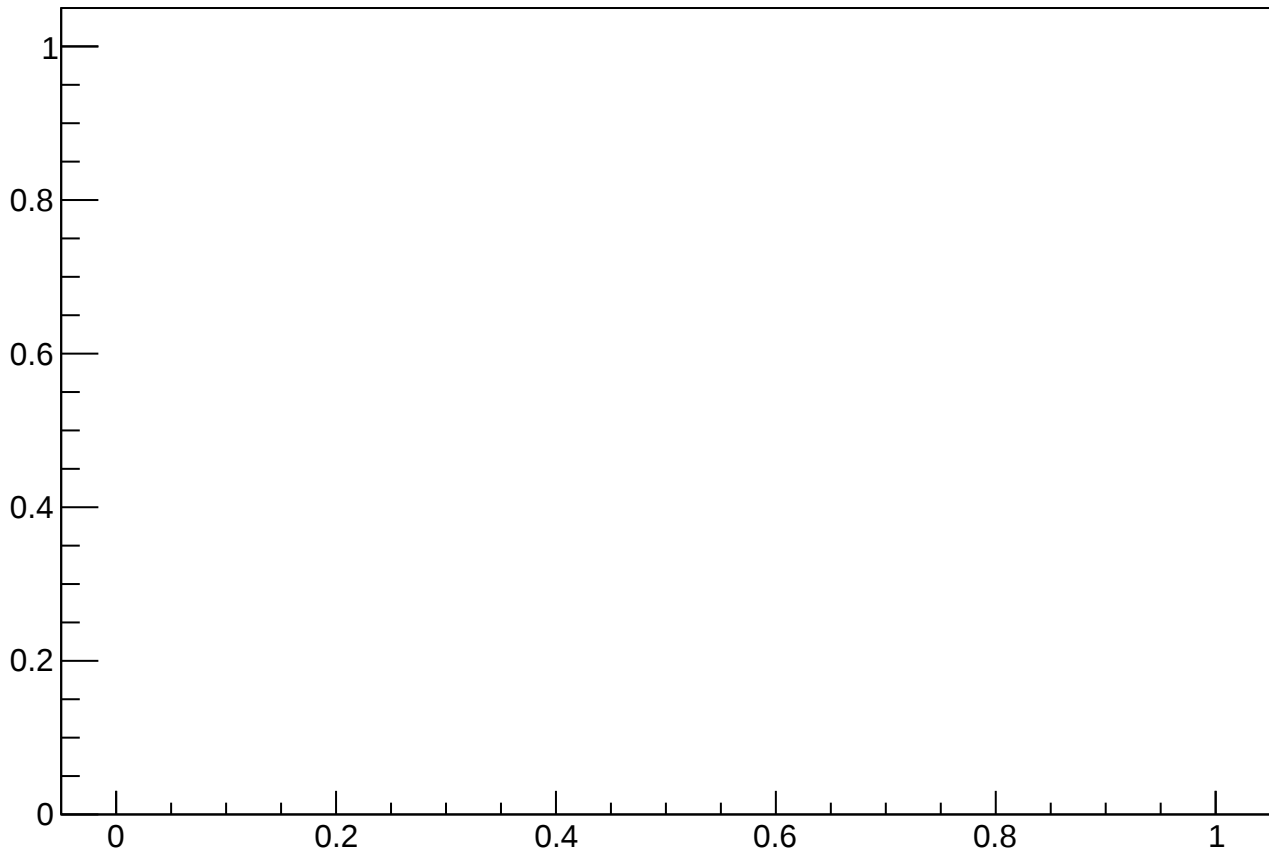
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

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

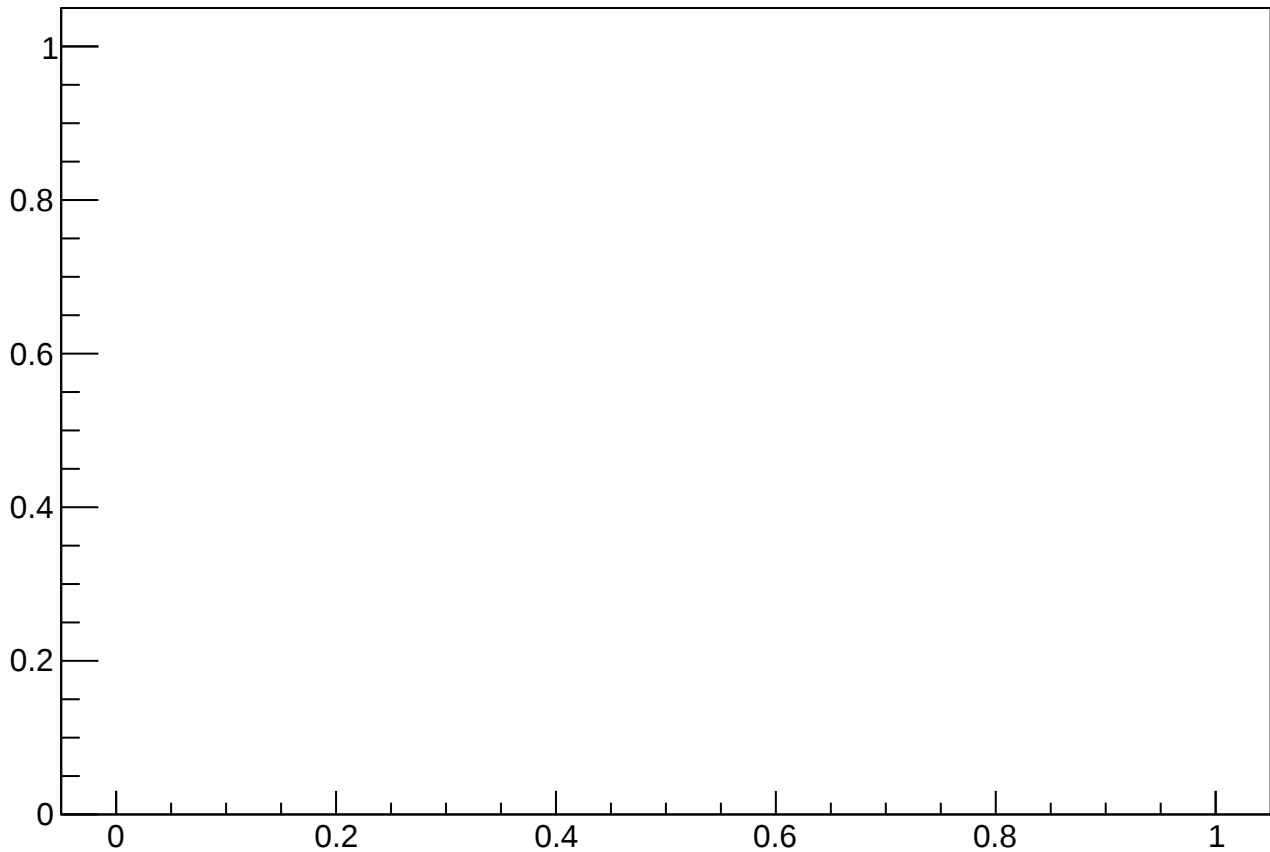
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/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

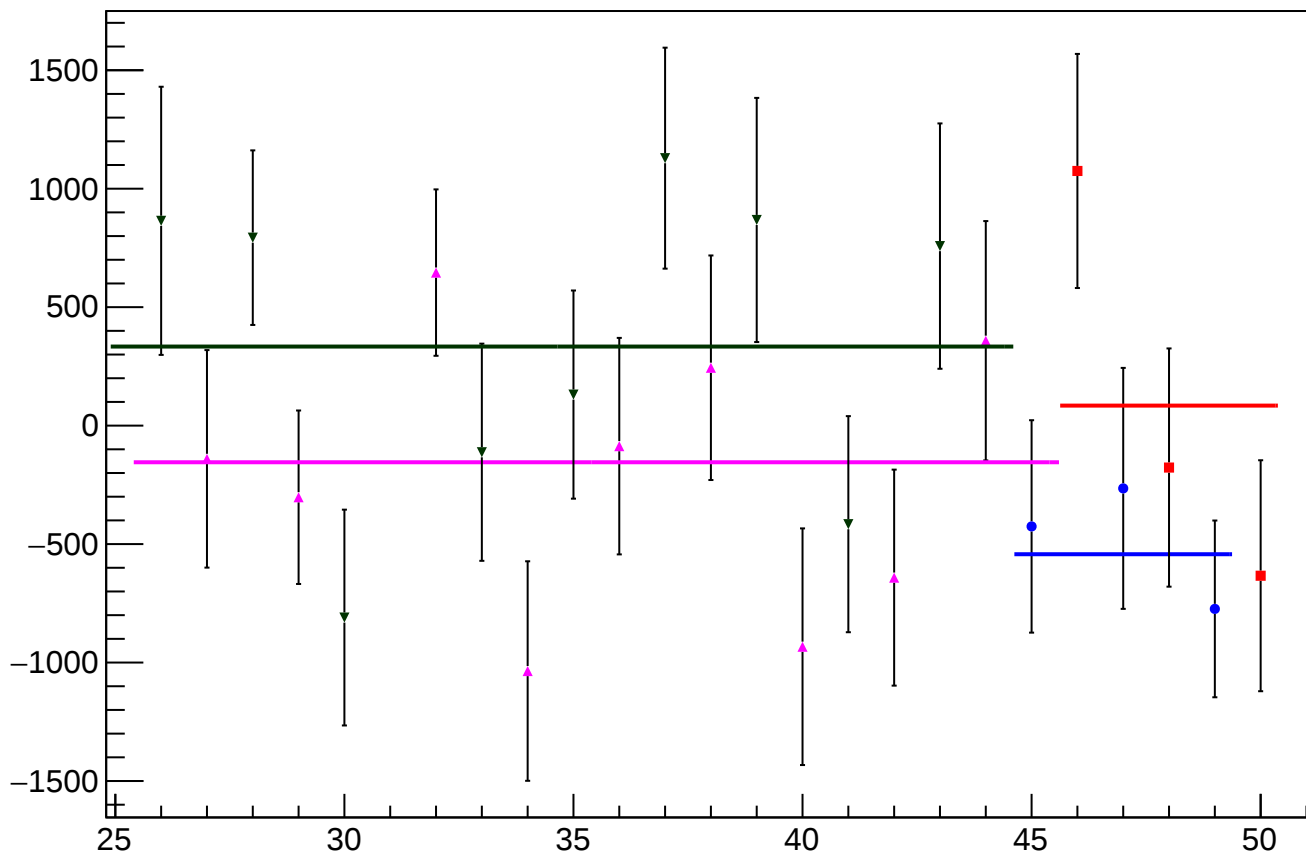
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-249.766 χ^2/NDF : 0.7/2

Left Out: 333.723+/-154.013 χ^2/NDF : 17.3/8

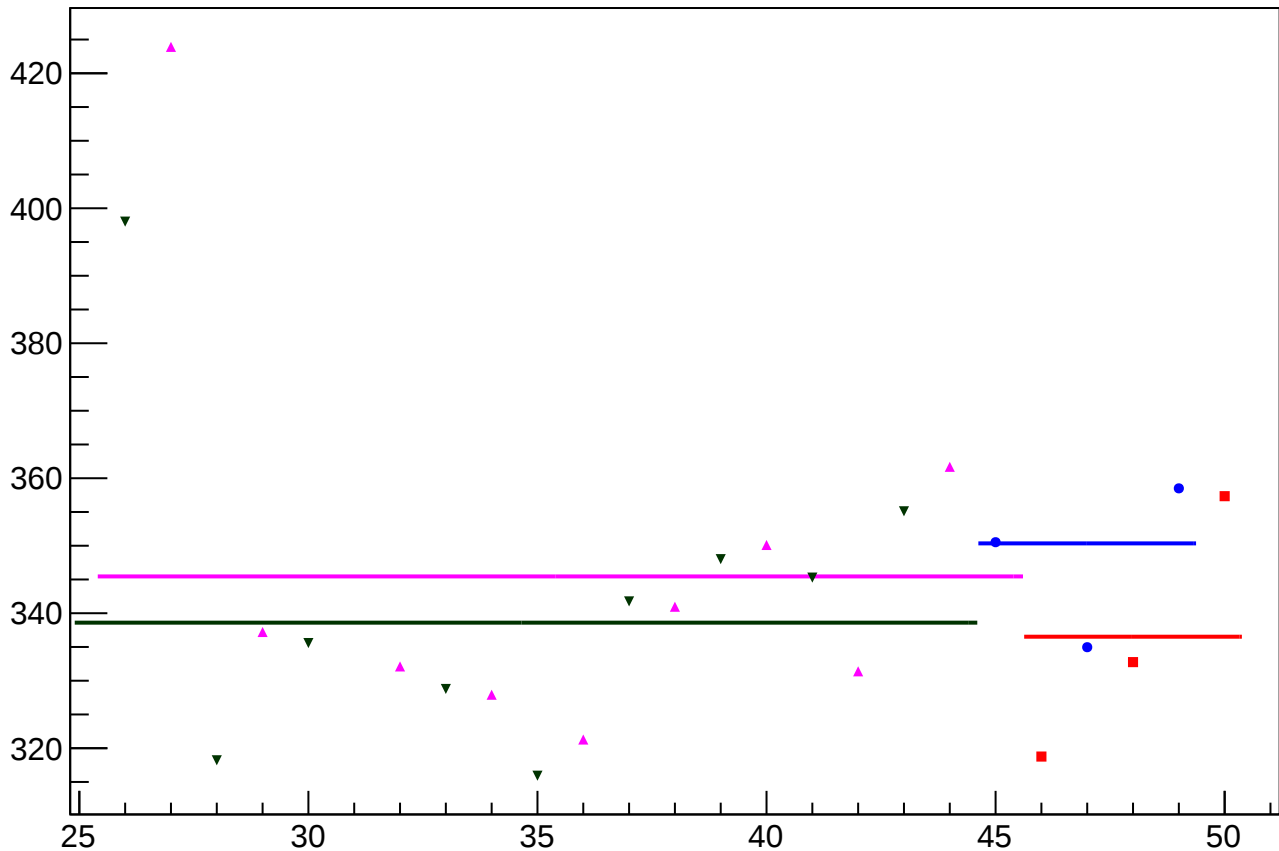
Right Out: 84.489+/-285.576 χ^2/NDF : 6.5/2

Left In: -154.649+/-145.928 χ^2/NDF : 14.3/8

92.251+/-131.094 χ^2/NDF : 26.9/11

-105.135+/-129.946 χ^2/NDF : 21.3/11

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

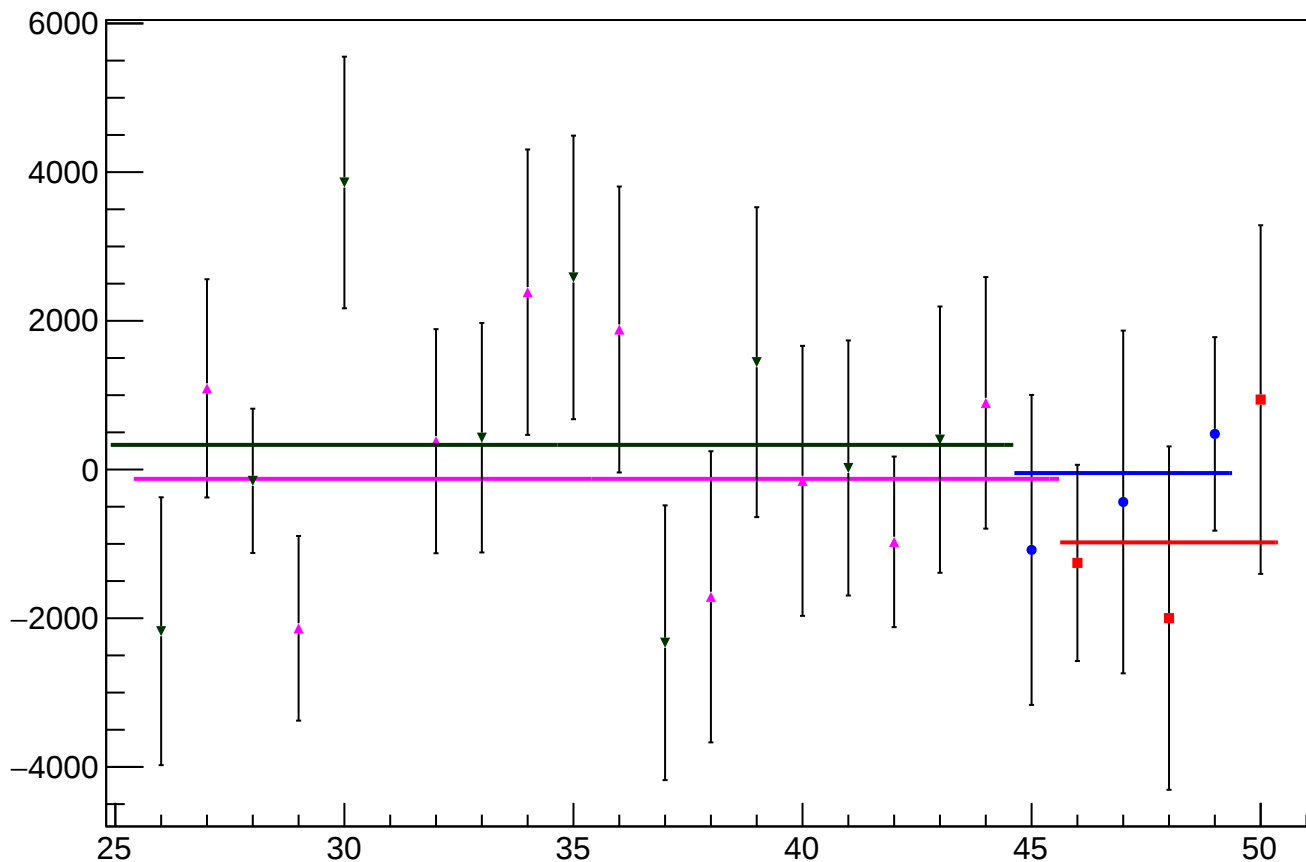
Right Out: 336.521 ± 0.202 χ^2/NDF : 6344.9/2

Left In: 345.453 ± 0.103 χ^2/NDF : 75102.1/8

341.838 ± 0.093 χ^2/NDF : 43720.9/11

343.604 ± 0.092 χ^2/NDF : 82998.6/11

asym_sam_15_dd_correction_mean vs slug



Right In: -47.515+/-995.612 χ^2/NDF : 0.4/2

Left Out: 331.481+/-527.893 χ^2/NDF : 10.3/8

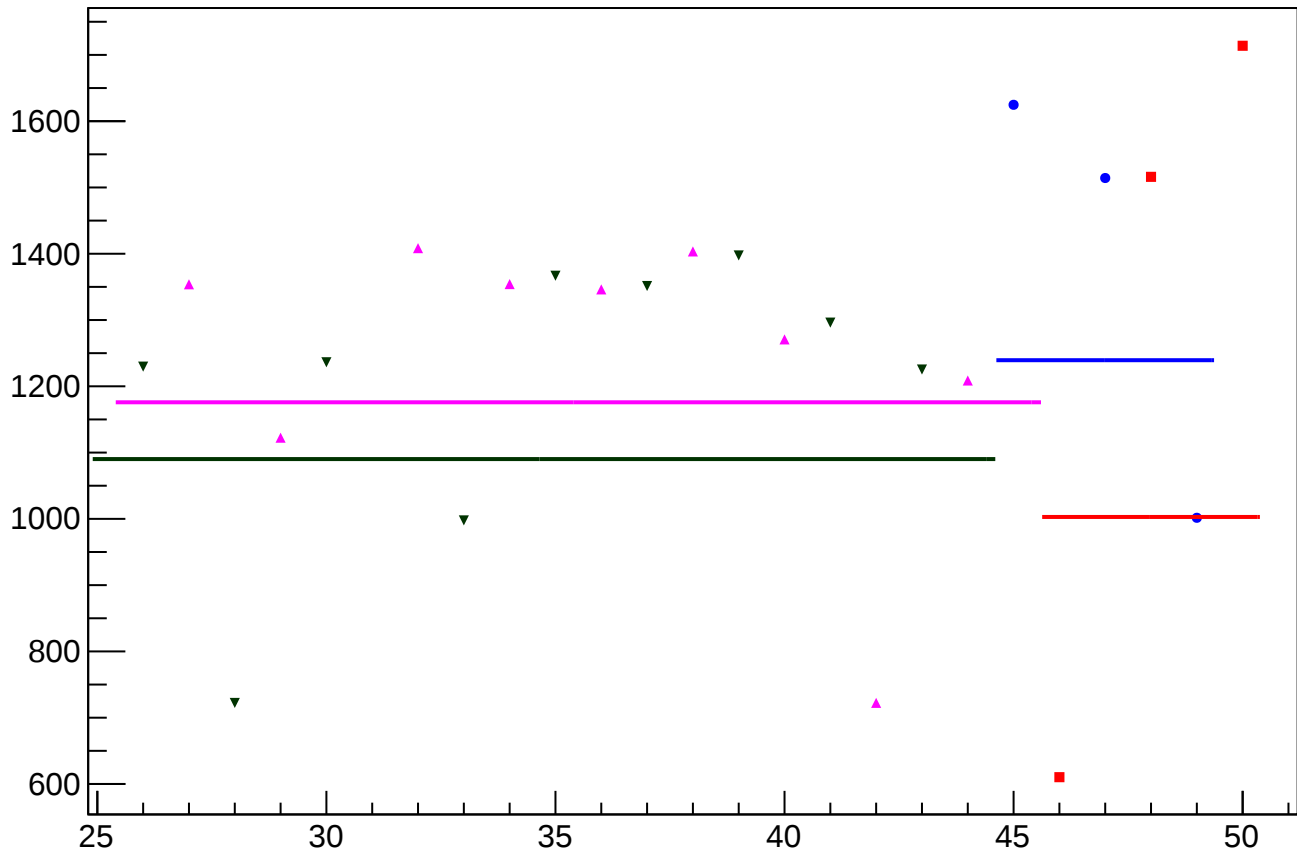
Right Out: -979.874+/-1029.232 χ^2/NDF : 0.9/2

Left In: -125.241+/-515.151 χ^2/NDF : 7.8/8

248.314+/-466.389 χ^2/NDF : 10.9/11

-296.452+/-460.669 χ^2/NDF : 9.3/11

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

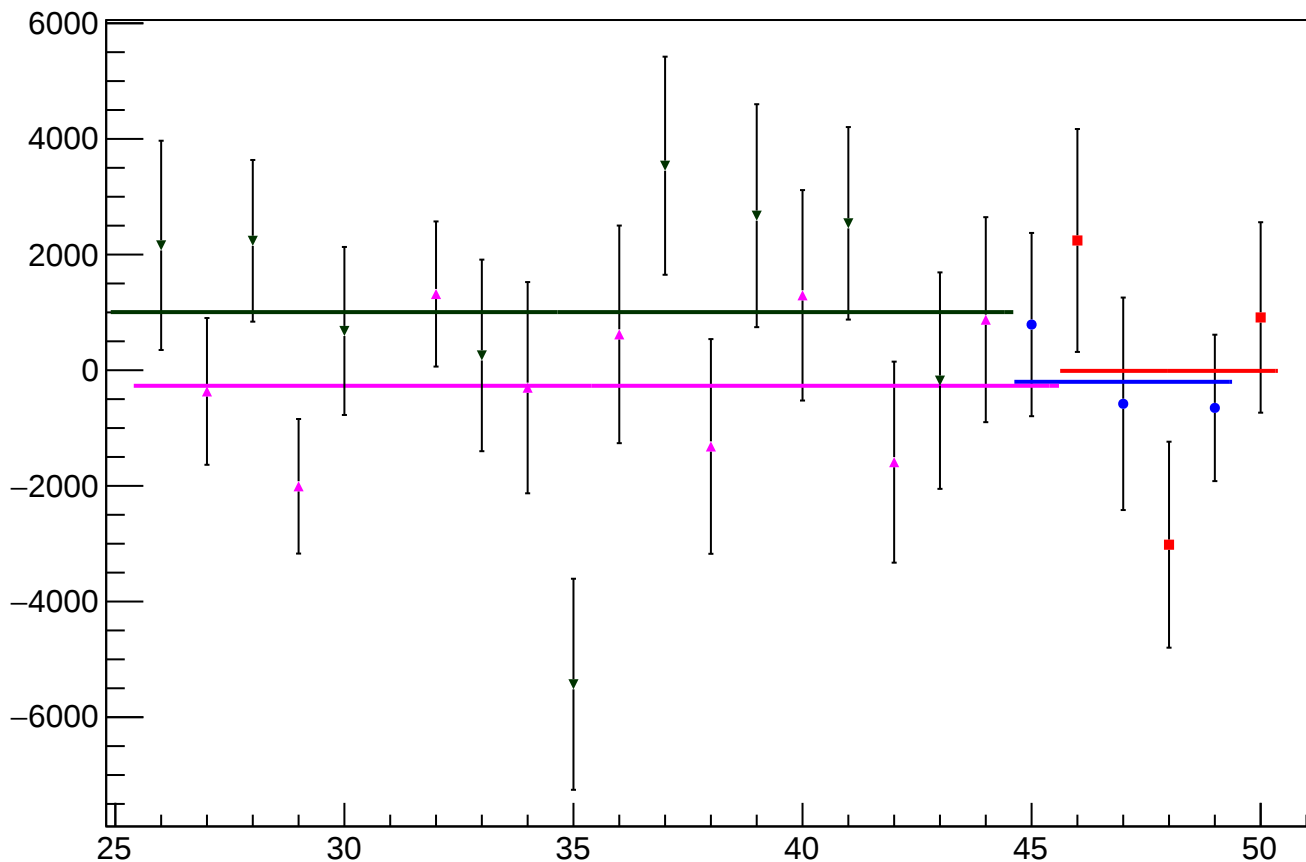
Right Out: 1002.873+/-0.728 χ^2/NDF : 459793.4/2

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

1122.942+/-0.330 χ^2/NDF : 685743.9/11

1141.215+/-0.326 χ^2/NDF : 964455.2/11

reg_asym_sam_26_dd_mean vs slug



Right In: -200.398+/-870.866 χ^2/NDF : 0.6/2

Left Out: 1004.954+/-563.215 χ^2/NDF :17.7/8

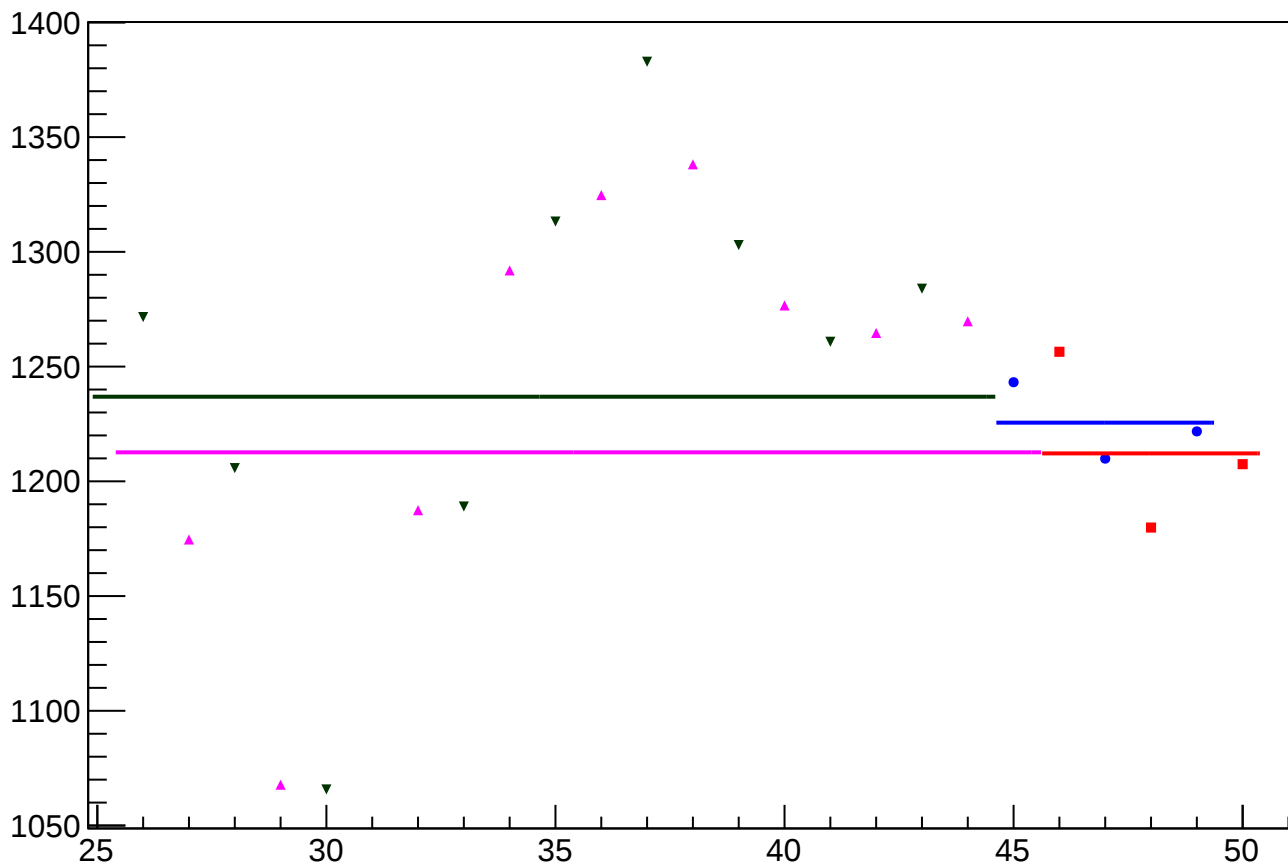
Right Out: -11.307+/-1024.263 χ^2/NDF : 4.5/2

Left In: -269.126+/-511.768 χ^2/NDF :6.1/8

649.483+/-472.929 χ^2/NDF : 19.6/11

-217.620+/-457.805 χ^2/NDF : 10.7/11

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

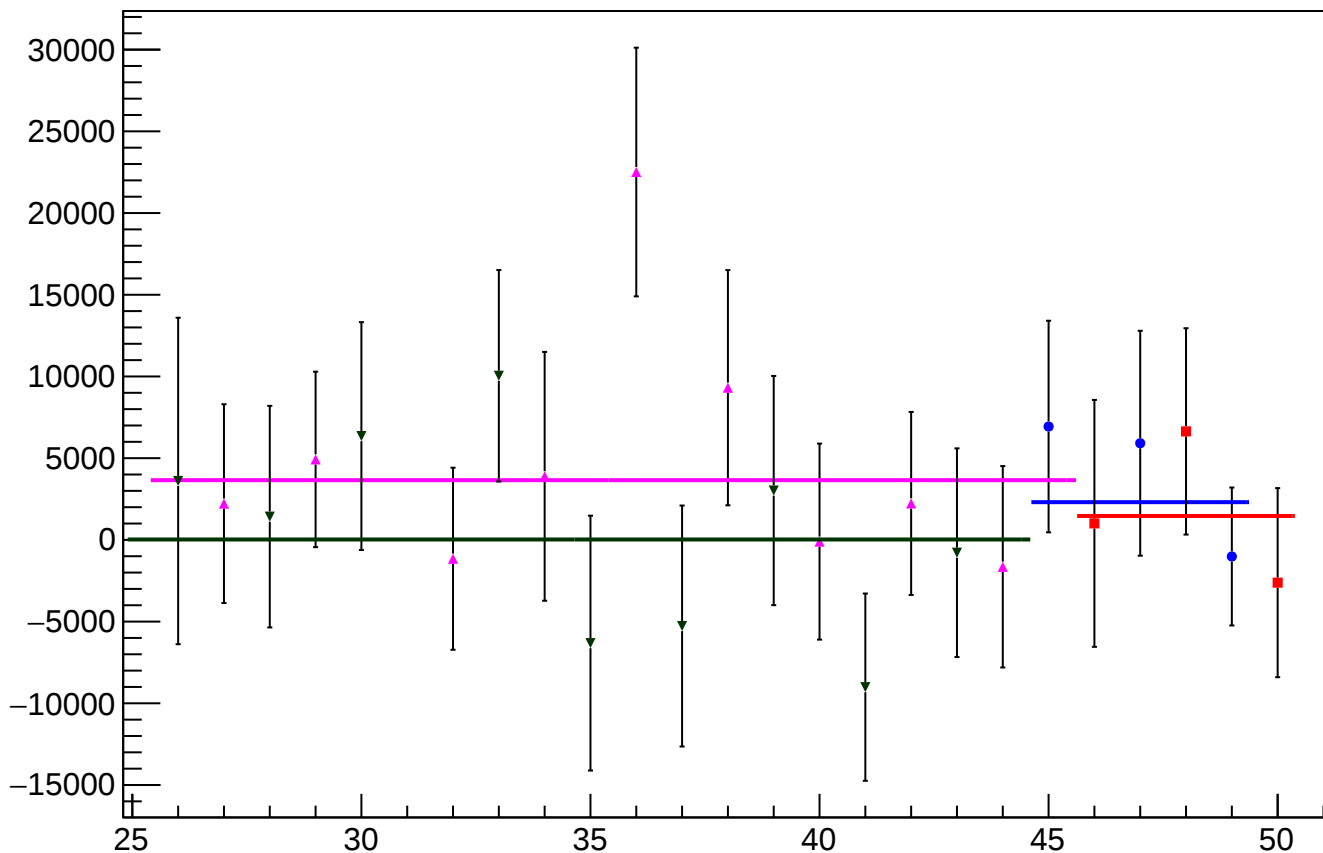
Right Out: 1212.172 ± 0.724 χ^2/NDF : 1730.5/2

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1233.537 ± 0.334 χ^2/NDF : 51315.5/11

1212.545 ± 0.324 χ^2/NDF : 61668.6/11

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

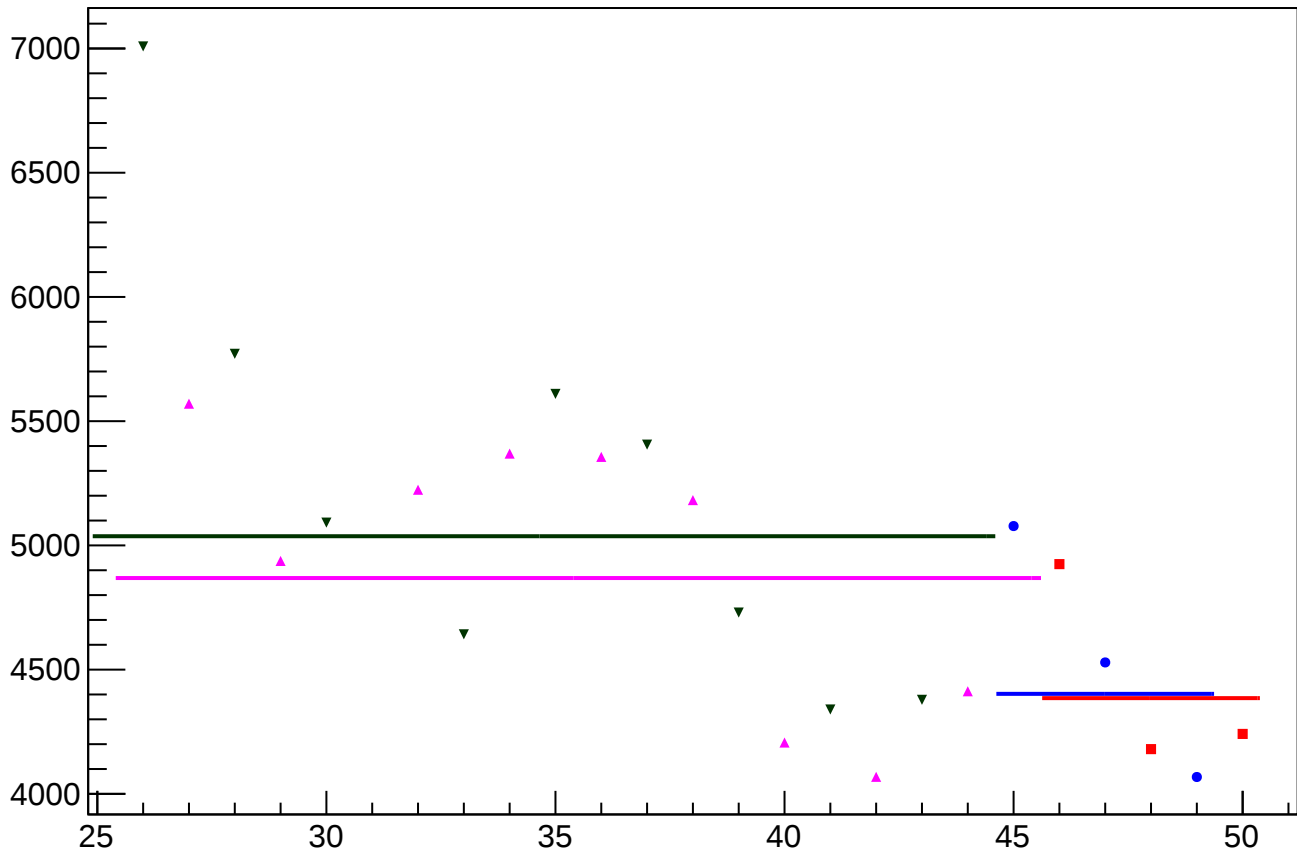
Right Out: 1463.068+/-3714.381 χ^2/NDF : 1.2/2

Left In: 3653.038+/-2068.097 χ^2/NDF : 8.8/8

827.056+/-1865.005 χ^2/NDF : 9.0/11

3134.795+/-1806.901 χ^2/NDF : 10.3/11

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

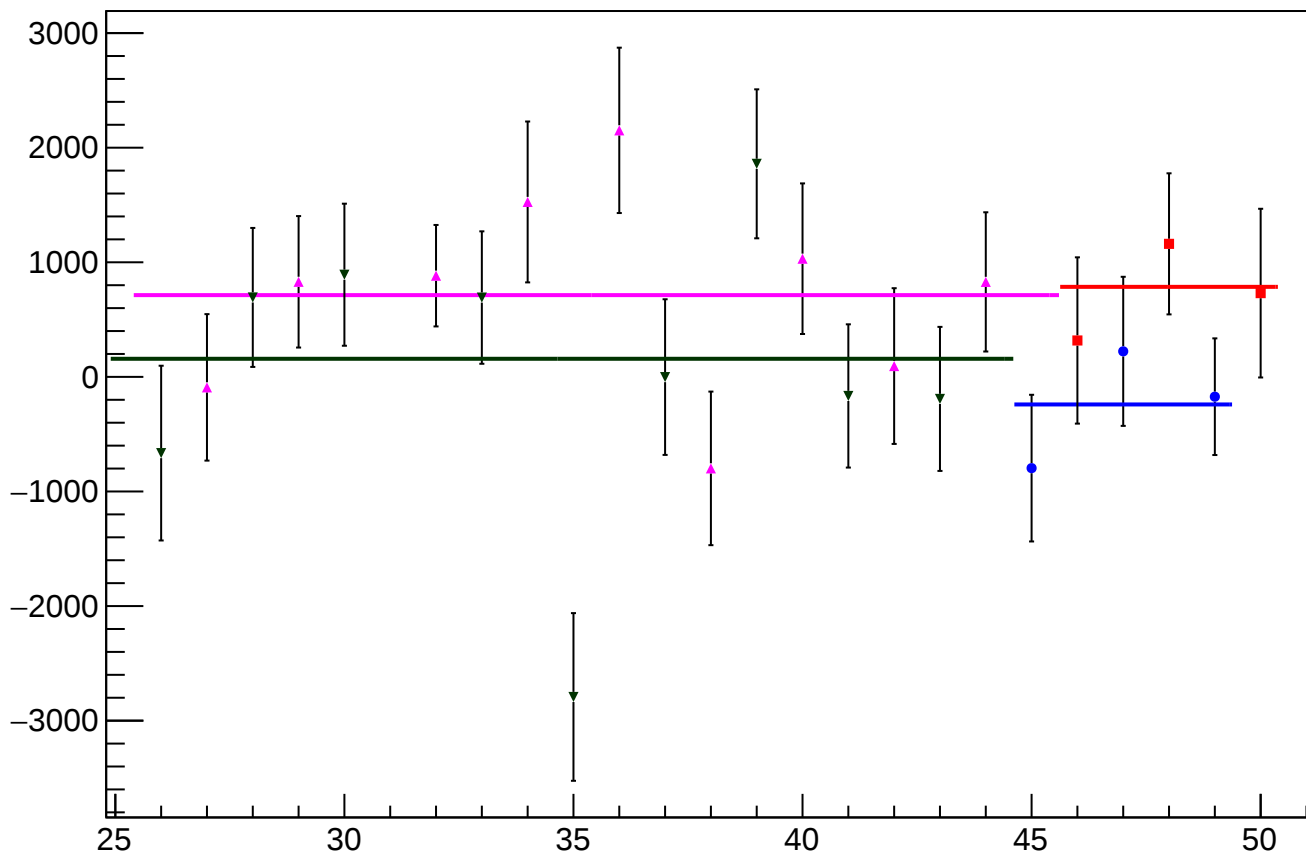
Right Out: 4385.280+/-2.626 χ^2/NDF : 13548.7/2

Left In: 4868.644+/-1.462 χ^2/NDF : 131901.5/8

4813.839+/-1.319 χ^2/NDF : 267211.2/11

4754.259+/-1.278 χ^2/NDF : 171304.5/11

reg_asym_sam_37_dd_mean vs slug



Right In: -240.635+/-339.722 χ^2/NDF : 1.3/2

Left Out: 157.928+/-215.506 χ^2/NDF : 28.0/8

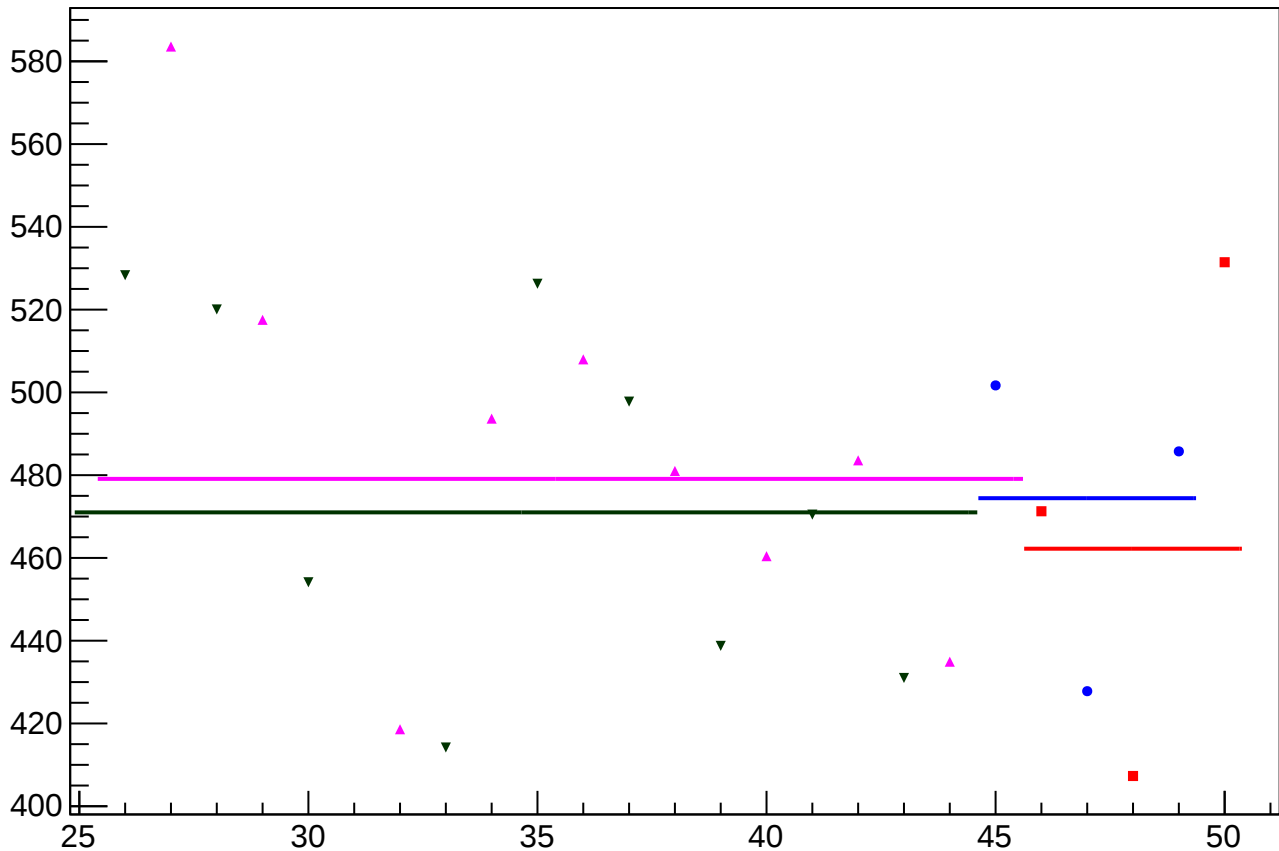
Right Out: 785.645+/-395.764 χ^2/NDF : 0.8/2

Left In: 713.441+/-204.299 χ^2/NDF : 13.3/8

43.563+/-181.979 χ^2/NDF : 30.2/11

728.633+/-181.538 χ^2/NDF : 14.1/11

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

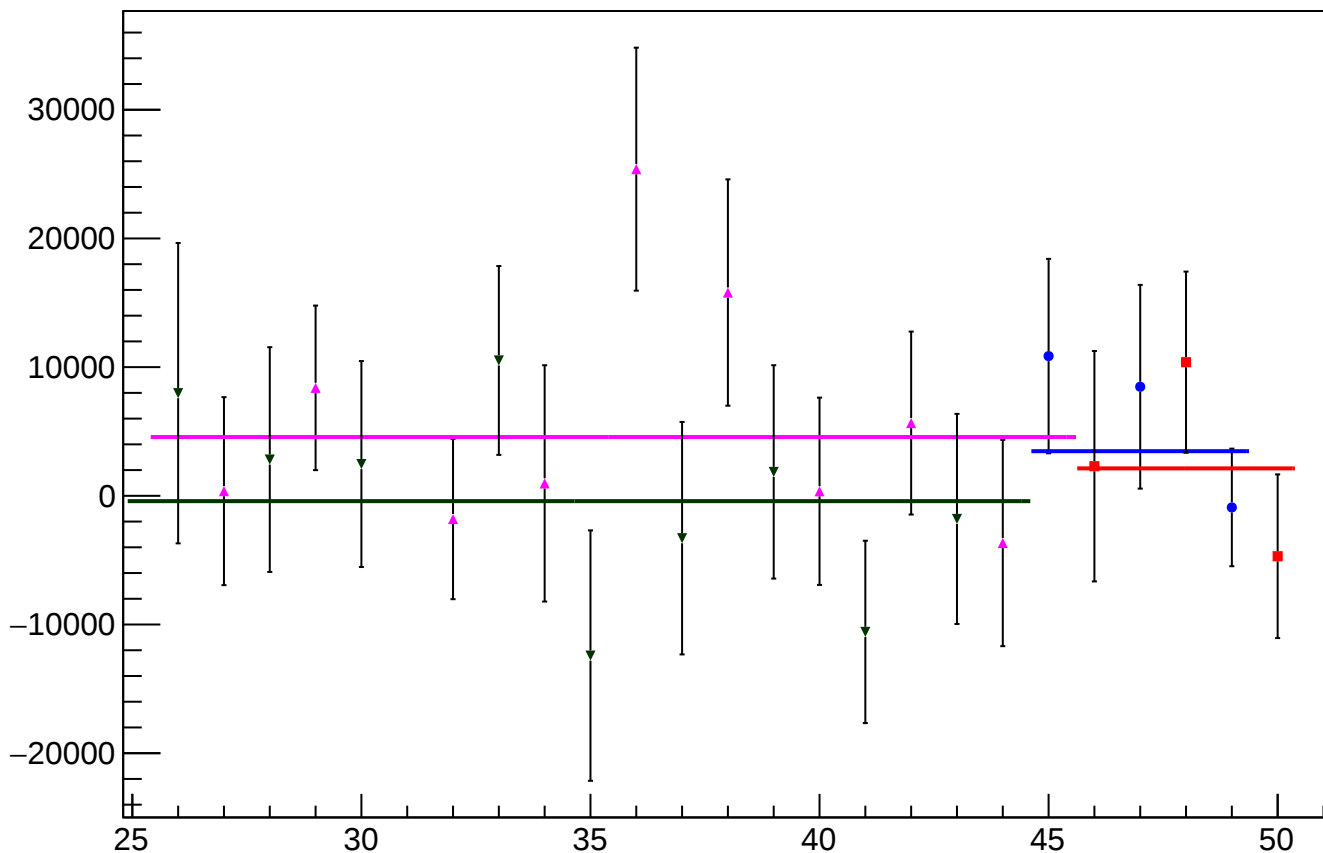
Right Out: 462.230+/-0.280 χ^2/NDF : 33920.2/2

Left In: 479.100+/-0.144 χ^2/NDF : 116130.5/8

471.992+/-0.129 χ^2/NDF : 87775.7/11

475.551+/-0.128 χ^2/NDF : 152920.2/11

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

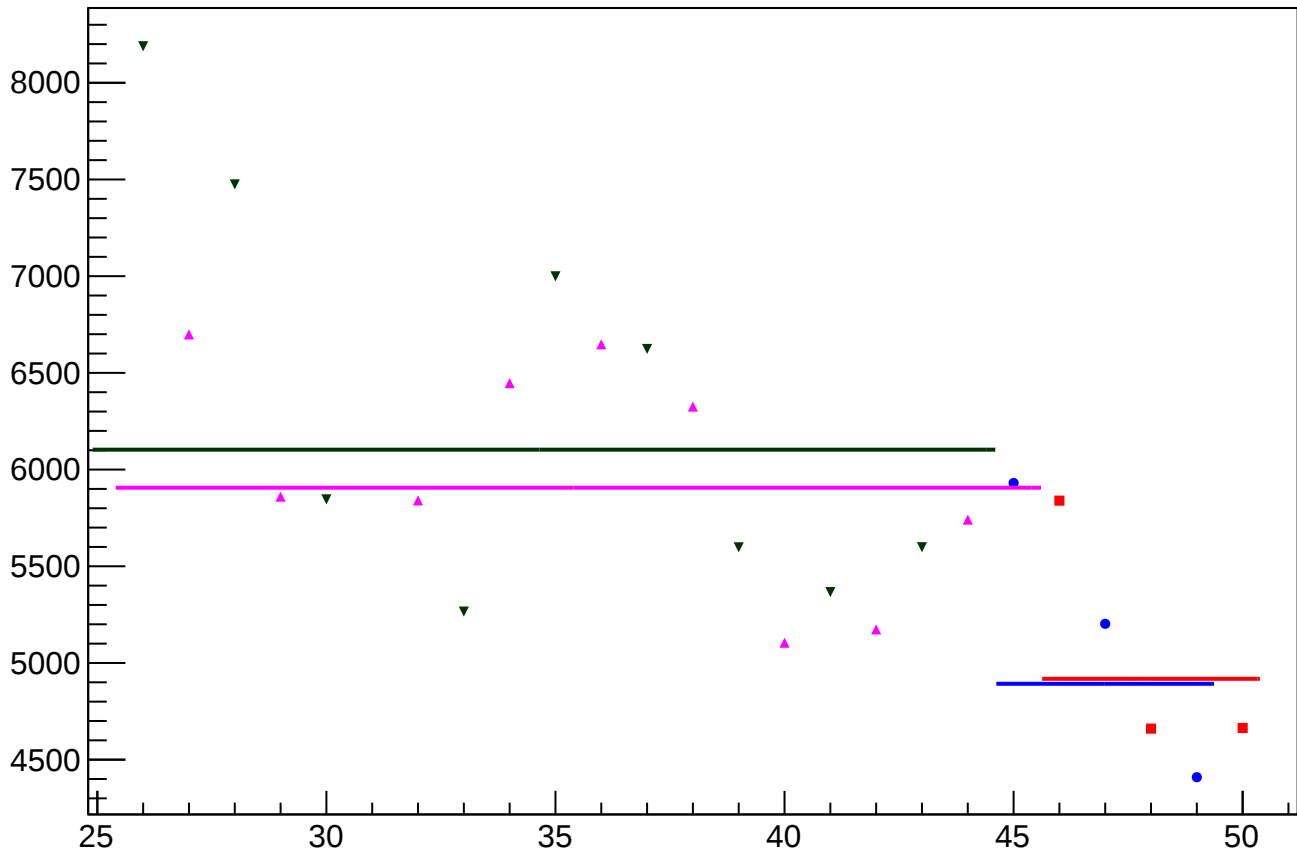
Right Out: 2132.814+/-4174.414 χ^2/NDF : 2.5/2

Left In: 4568.925+/-2506.004 χ^2/NDF : 9.8/8

1102.923+/-2190.936 χ^2/NDF : 9.8/11

3923.559+/-2148.573 χ^2/NDF : 12.6/11

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

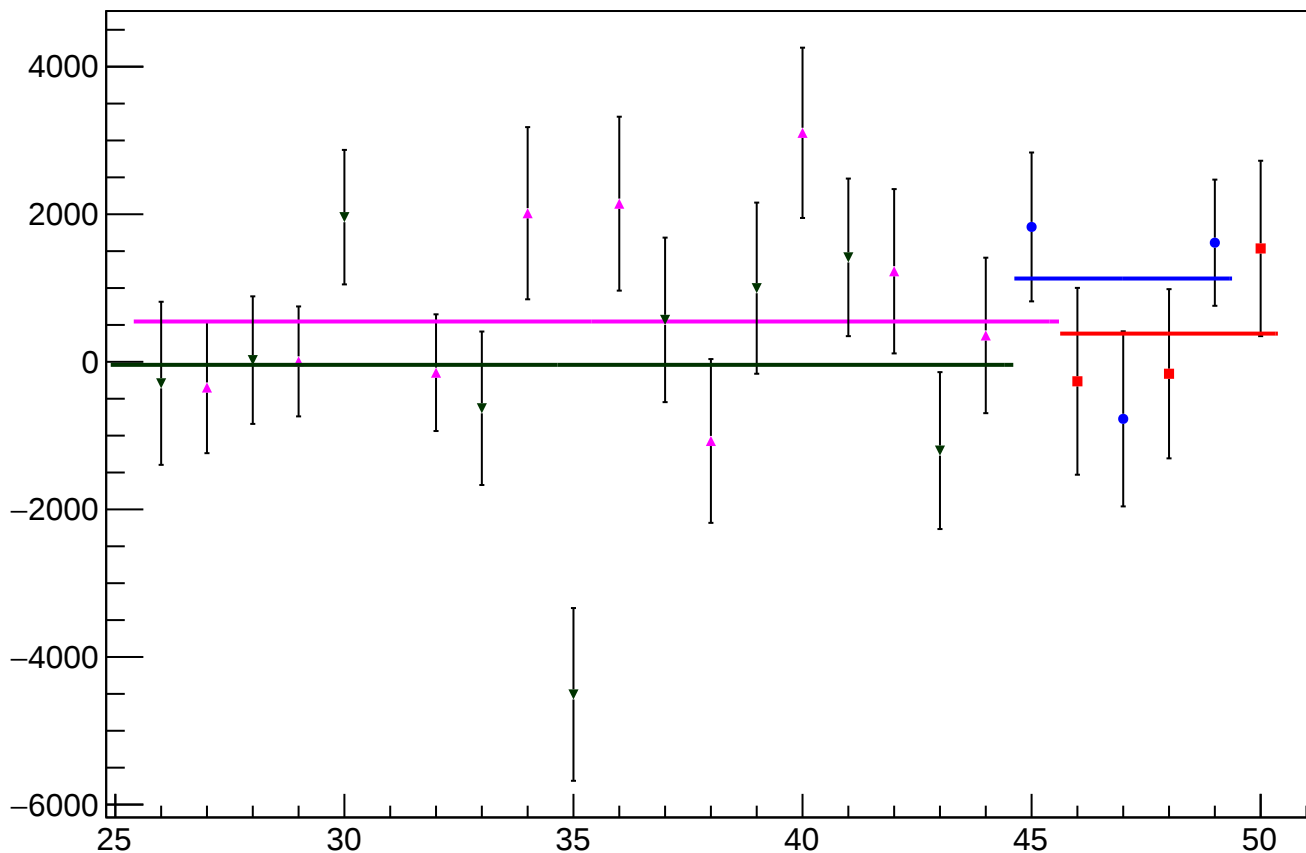
Right Out: 4918.156 ± 2.952 χ^2/NDF : 27049.4/2

Left In: 5906.291 ± 1.772 χ^2/NDF : 94067.8/8

5630.054 ± 1.549 χ^2/NDF : 410103.3/11

5644.517 ± 1.519 χ^2/NDF : 203494.5/11

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

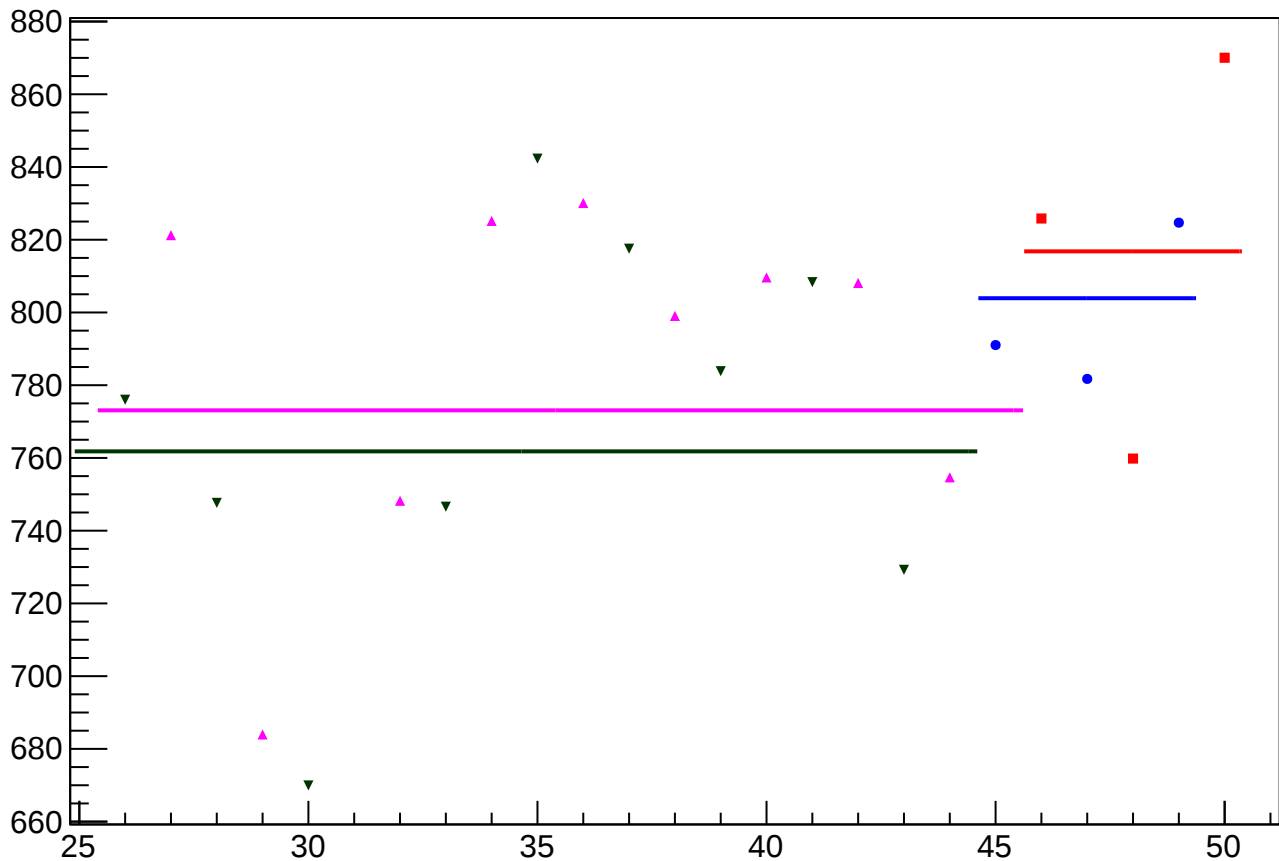
Right Out: 382.489 $\pm$ 691.296 χ^2 /NDF: 1.4/2

Left In: 546.535 $\pm$ 326.373 χ^2 /NDF: 13.2/8

273.586 $\pm$ 296.354 χ^2 /NDF: 30.4/11

516.635 $\pm$ 295.134 χ^2 /NDF: 14.6/11

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

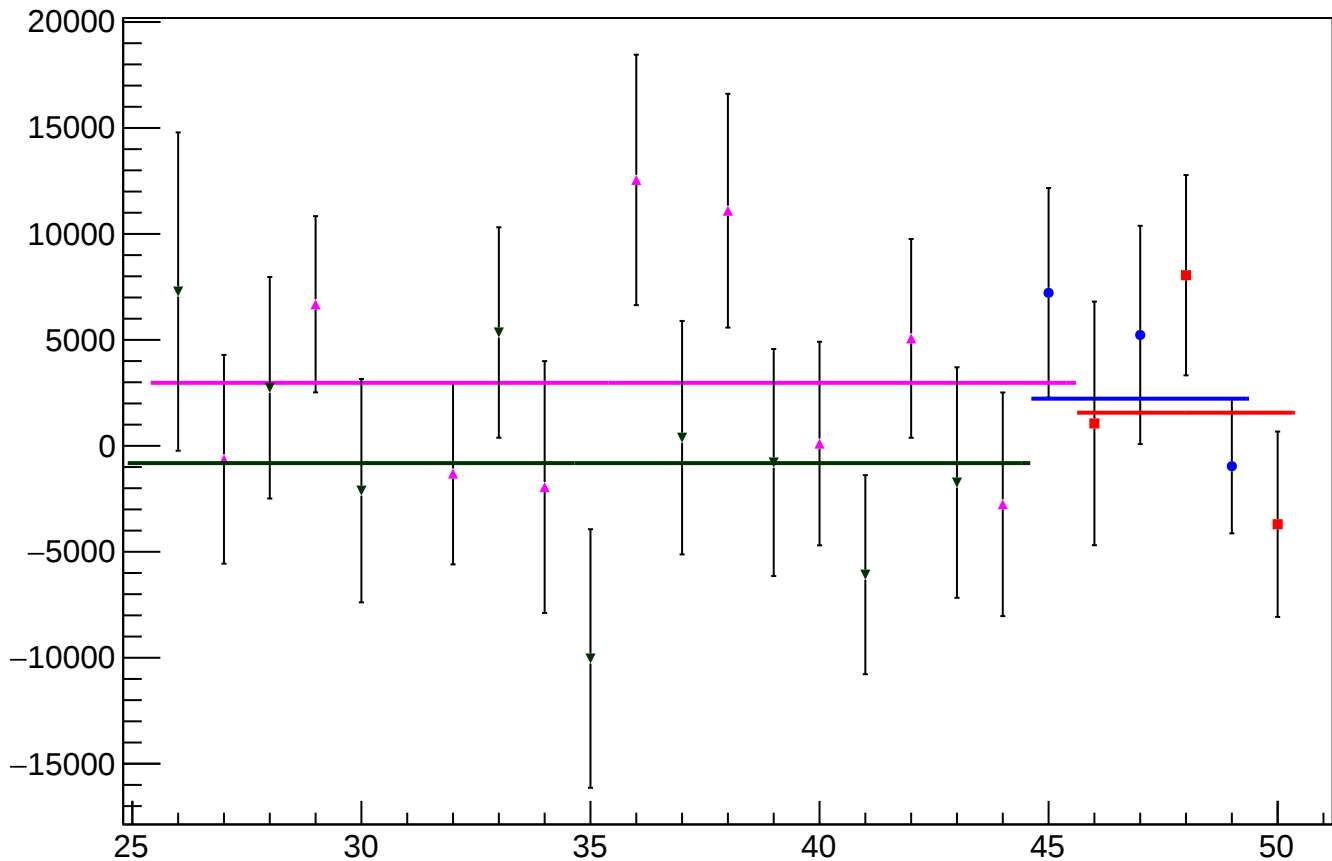
Right Out: 816.804 ± 0.489 χ^2/NDF : 9053.4/2

Left In: 773.088 ± 0.231 χ^2/NDF : 50809.2/8

773.127 ± 0.210 χ^2/NDF : 52609.5/11

781.056 ± 0.209 χ^2/NDF : 66402.7/11

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

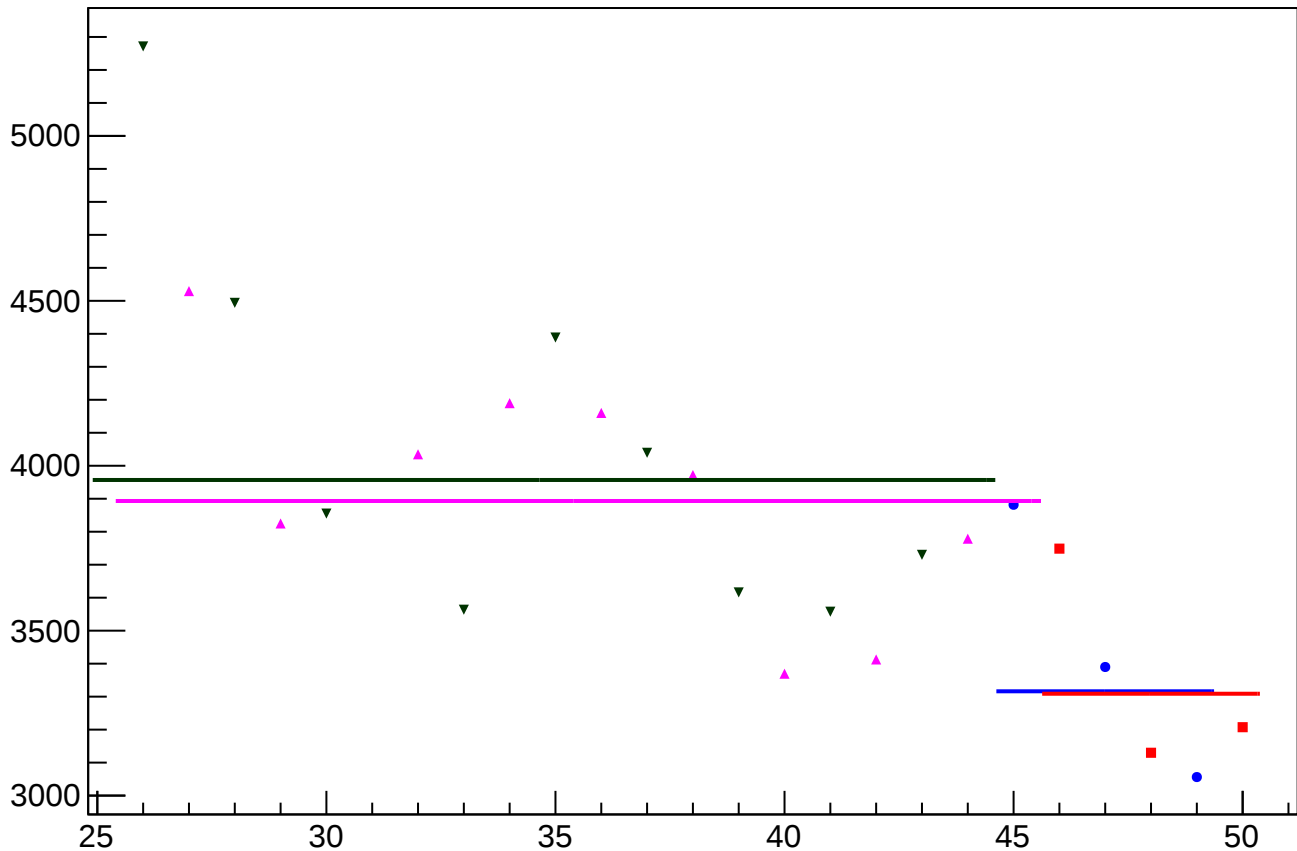
Right Out: 1564.005 $\pm$ 2802.937 χ^2 /NDF: 3.3/2

Left In: 2973.562 $\pm$ 1648.529 χ^2 /NDF: 9.5/8

307.532 $\pm$ 1439.166 χ^2 /NDF: 10.3/11

2611.292 $\pm$ 1420.981 χ^2 /NDF: 13.1/11

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

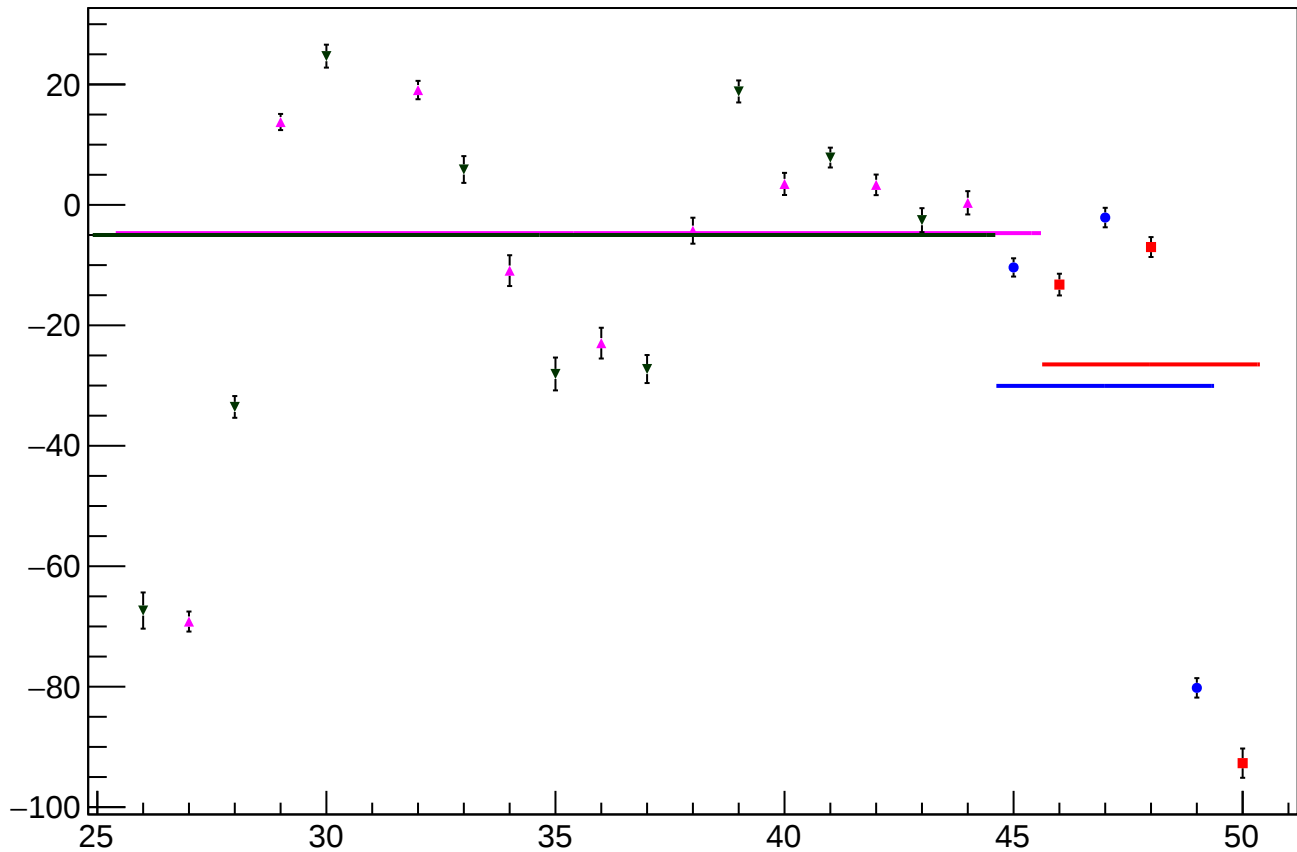
Right Out: 3308.794 ± 1.982 χ^2/NDF : 15652.6/2

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.6/8

3720.453 ± 1.018 χ^2/NDF : 264473.3/11

3742.963 ± 1.005 χ^2/NDF : 171485.2/11

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 $\chi^2/\text{NDF}: 1343.0/8$

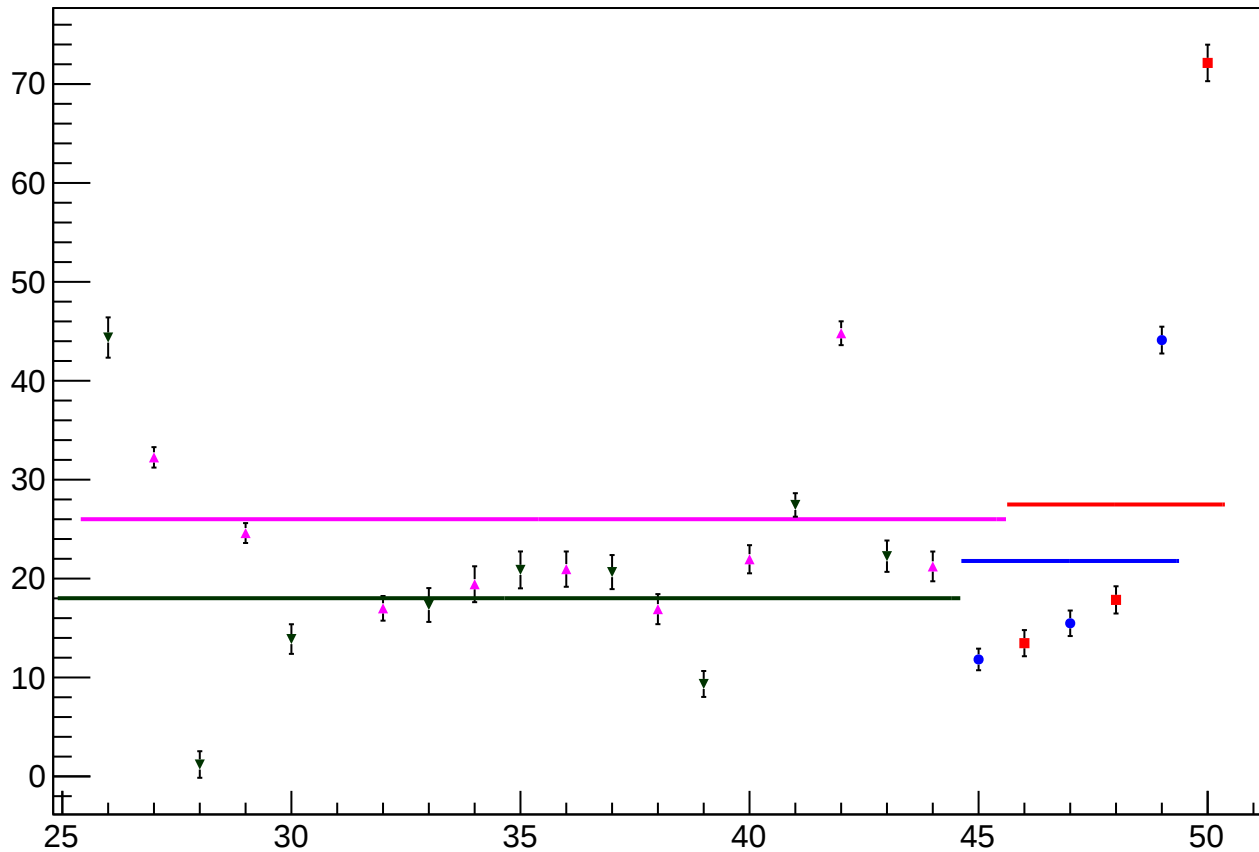
Right Out: -26.488 ± 1.089 $\chi^2/\text{NDF}: 935.0/2$

Left In: -4.688 ± 0.600 $\chi^2/\text{NDF}: 2042.2/8$

-14.013 ± 0.548 $\chi^2/\text{NDF}: 3254.9/11$

-9.765 ± 0.526 $\chi^2/\text{NDF}: 3284.3/11$

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

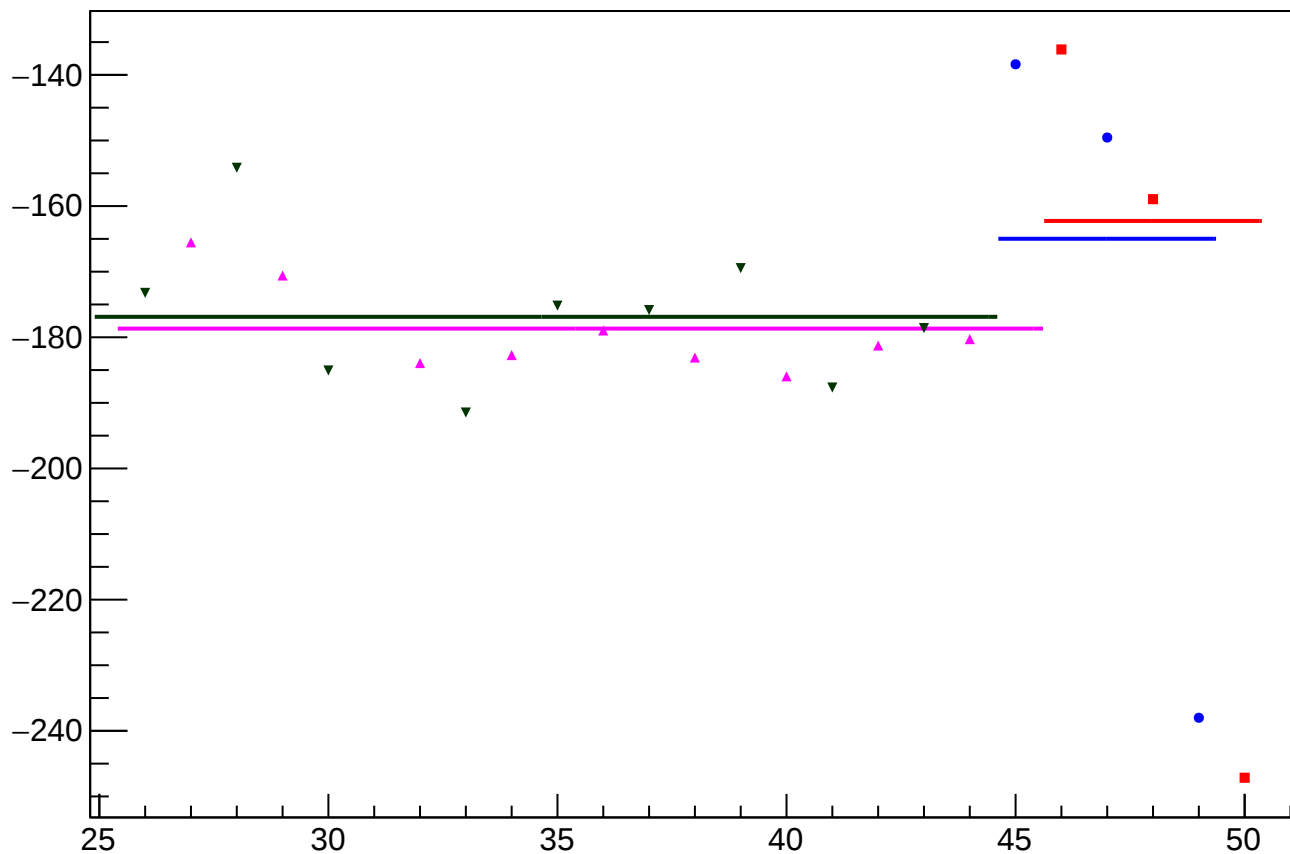
Right Out: 27.491+/-0.847 χ^2/NDF : 746.6/2

Left In: 26.003+/-0.437 χ^2/NDF : 409.3/8

19.286+/-0.412 χ^2/NDF : 847.2/11

26.315+/-0.388 χ^2/NDF : 1158.4/11

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

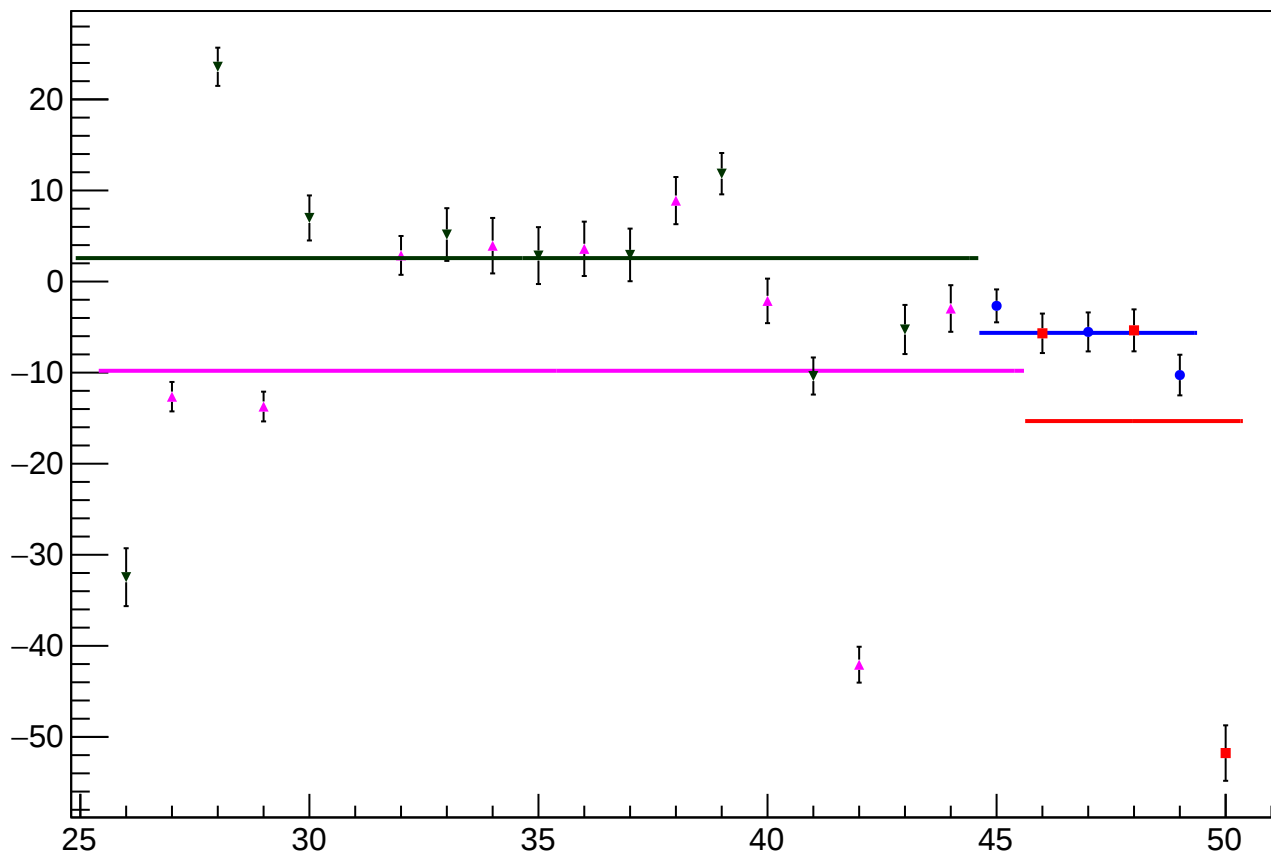
Right Out: -162.267+/-0.184 χ^2/NDF : 42510.8/2

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-172.791+/-0.093 χ^2/NDF : 76989.1/11

-174.724+/-0.090 χ^2/NDF : 52824.3/11

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -5.635 ± 1.174 χ^2/NDF : 7.0/2

Left Out: 2.574 ± 0.844 χ^2/NDF : 291.3/8

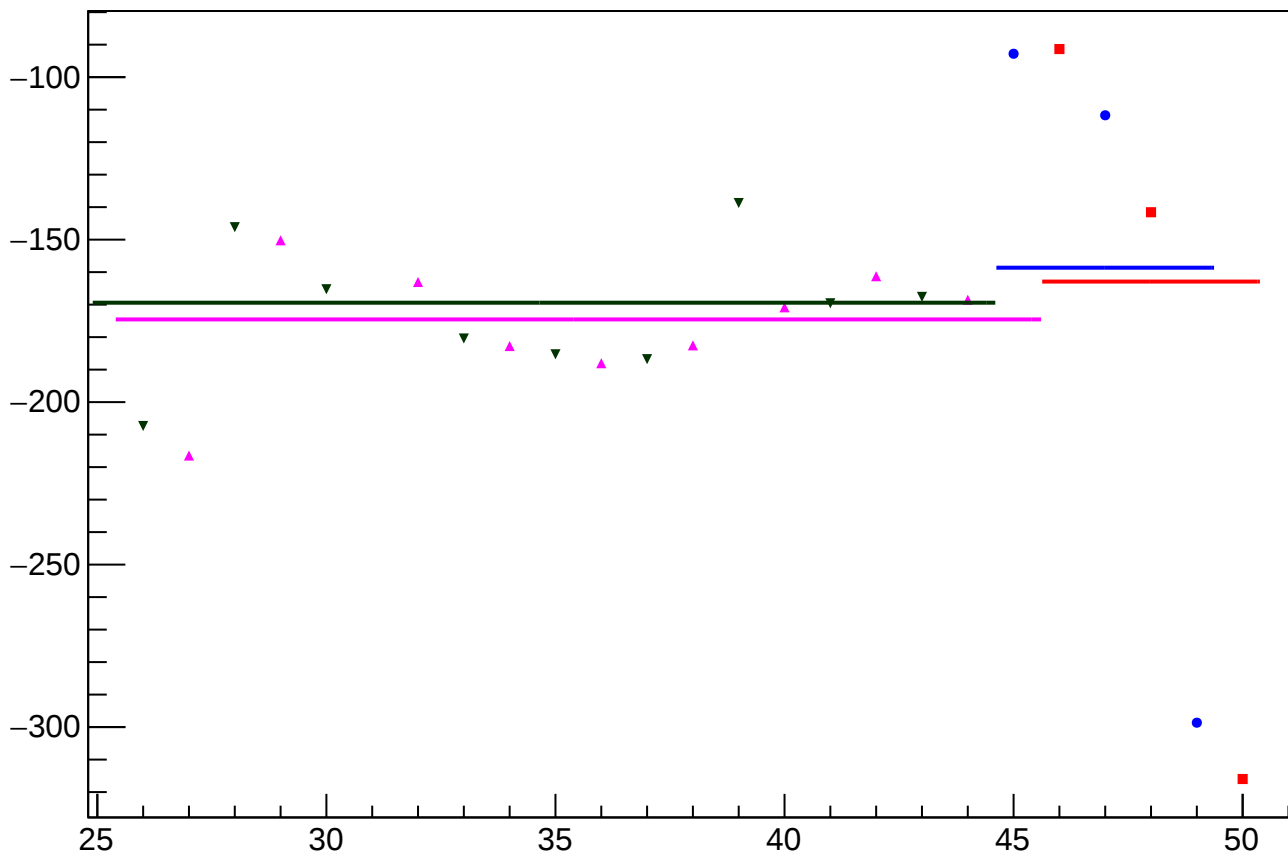
Right Out: -15.319 ± 1.401 χ^2/NDF : 181.8/2

Left In: -9.798 ± 0.721 χ^2/NDF : 422.2/8

-0.223 ± 0.685 χ^2/NDF : 330.5/11

-10.953 ± 0.641 χ^2/NDF : 616.3/11

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

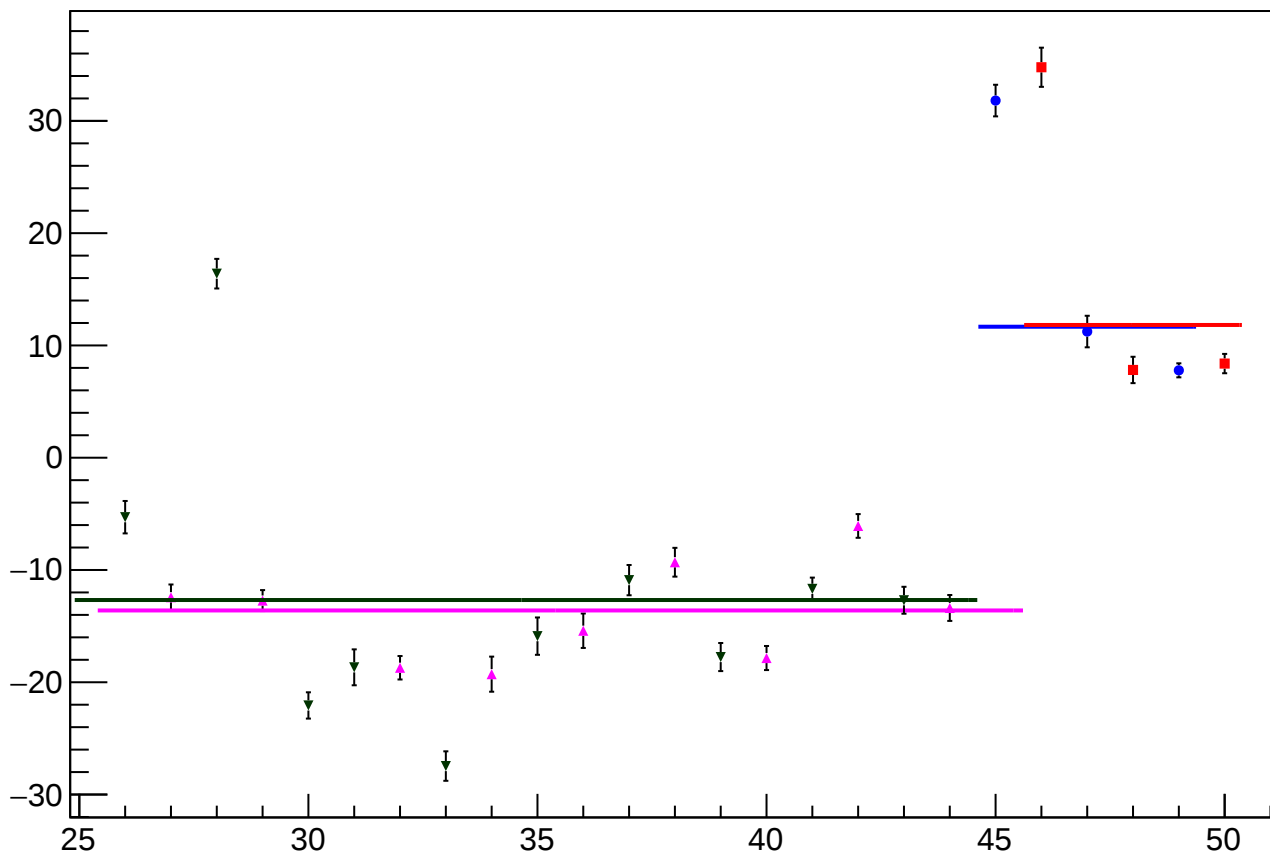
Right Out: -162.905+/-0.267 χ^2/NDF : 108379.1/2

Left In: -174.554+/-0.152 χ^2/NDF :17338.0/8

-166.018+/-0.129 χ^2/NDF : 172692.9/11

-171.708+/-0.132 χ^2/NDF : 127158.2/11

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.667 $\pm$ 0.529 χ^2 /NDF: 243.5/2

Left Out: -12.675 $\pm$ 0.408 χ^2 /NDF: 739.7/9

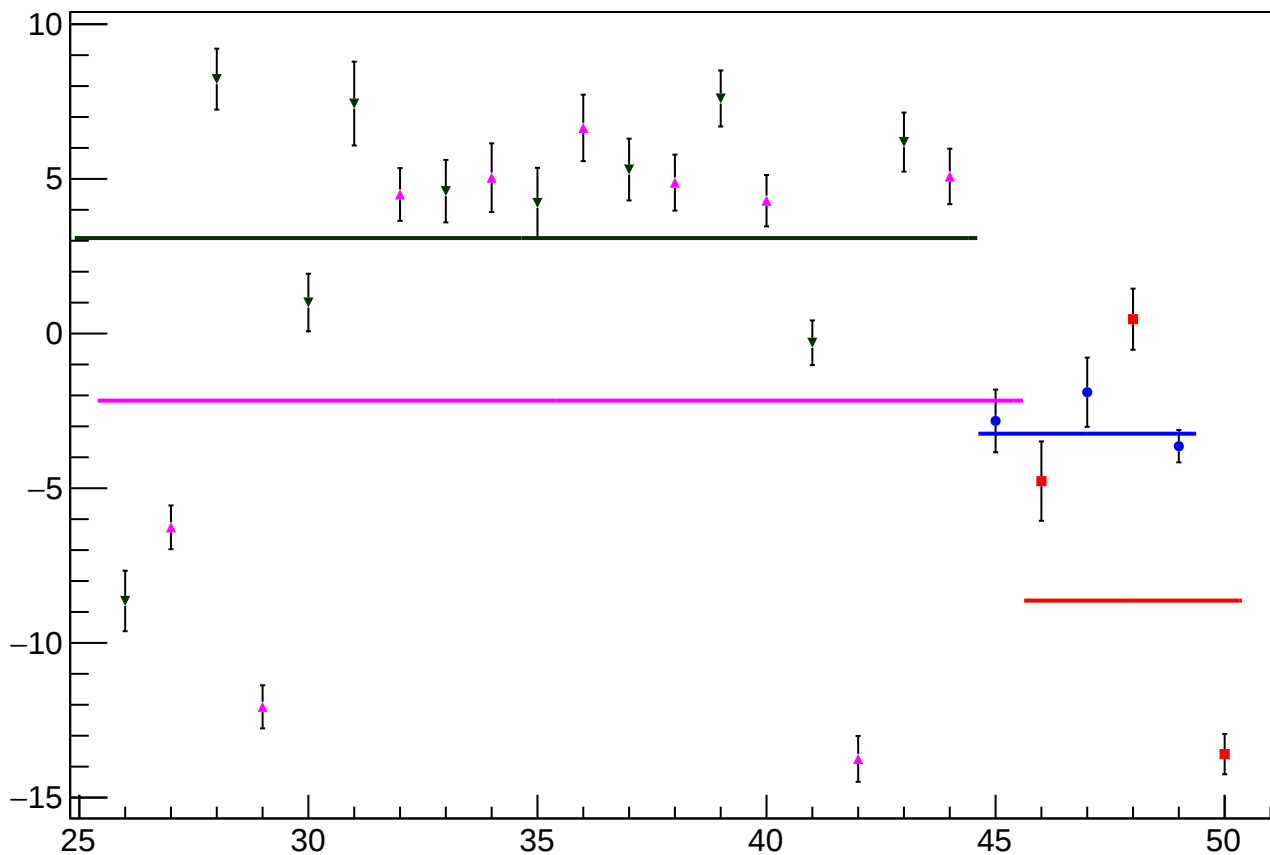
Right Out: 11.823 $\pm$ 0.645 χ^2 /NDF: 200.7/2

Left In: -13.605 $\pm$ 0.383 χ^2 /NDF: 118.1/8

-3.586 $\pm$ 0.323 χ^2 /NDF: 2309.8/12

-6.967 $\pm$ 0.330 χ^2 /NDF: 1466.8/11

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -3.237 ± 0.429 χ^2/NDF : 2.2/2

Left Out: 3.086 ± 0.305 χ^2/NDF : 251.9/9

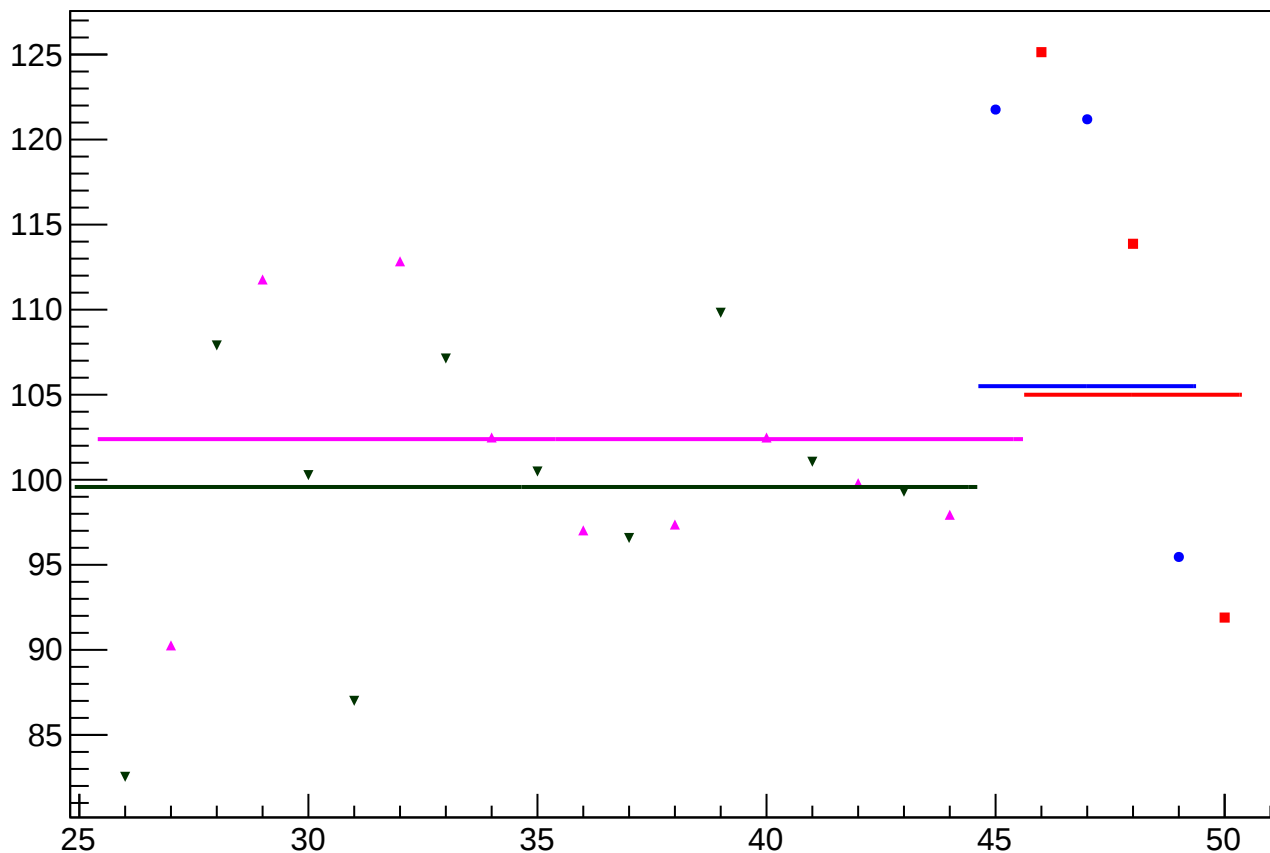
Right Out: -8.632 ± 0.501 χ^2/NDF : 151.8/2

Left In: -2.169 ± 0.279 χ^2/NDF : 836.6/8

0.967 ± 0.249 χ^2/NDF : 398.3/12

-3.698 ± 0.244 χ^2/NDF : 1115.4/11

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

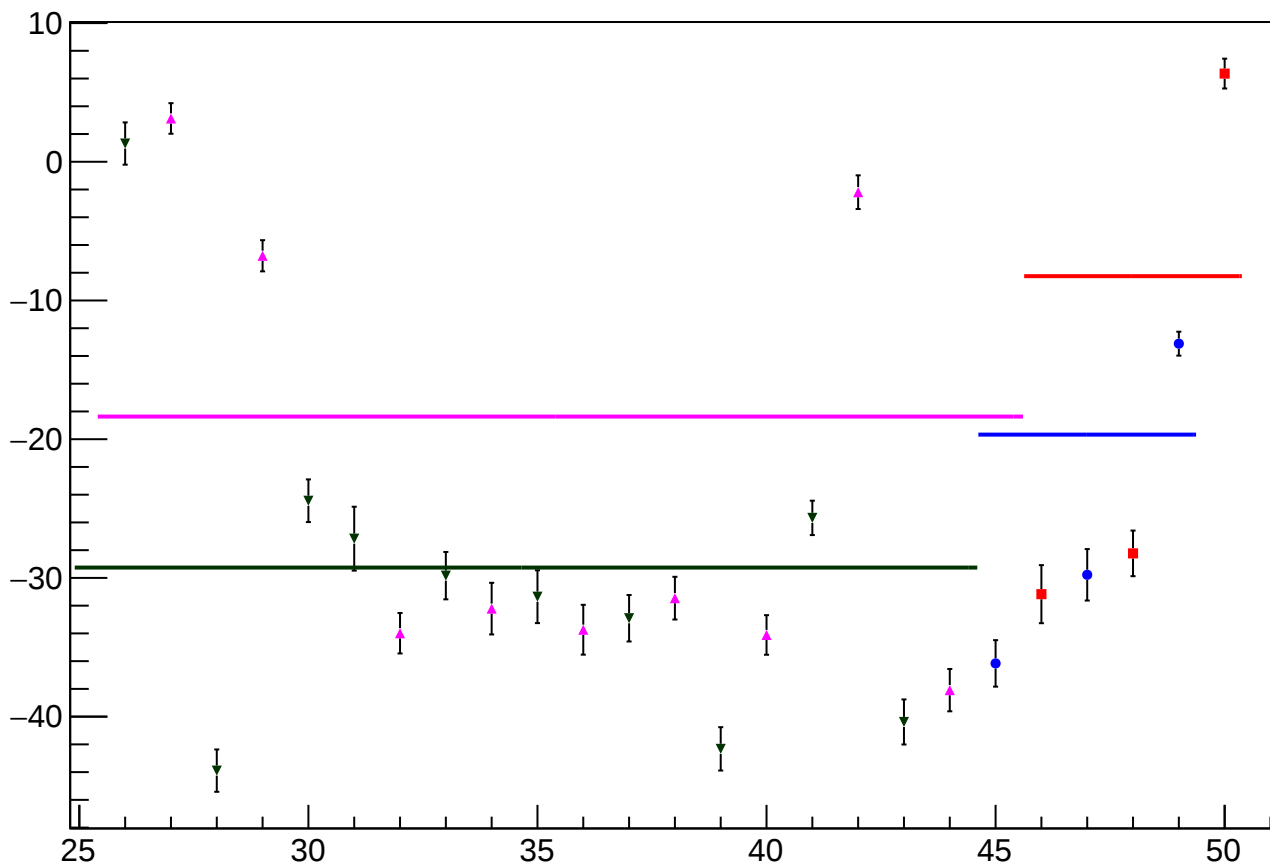
Right Out: 104.999 $\pm$ 0.118 χ^2 /NDF: 13806.0/2

Left In: 102.389 $\pm$ 0.066 χ^2 /NDF:12190.9/8

101.395 $\pm$ 0.056 χ^2 /NDF: 32459.9/12

103.013 $\pm$ 0.057 χ^2 /NDF: 26372.0/11

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 $\chi^2/\text{NDF}: 636.3/9$

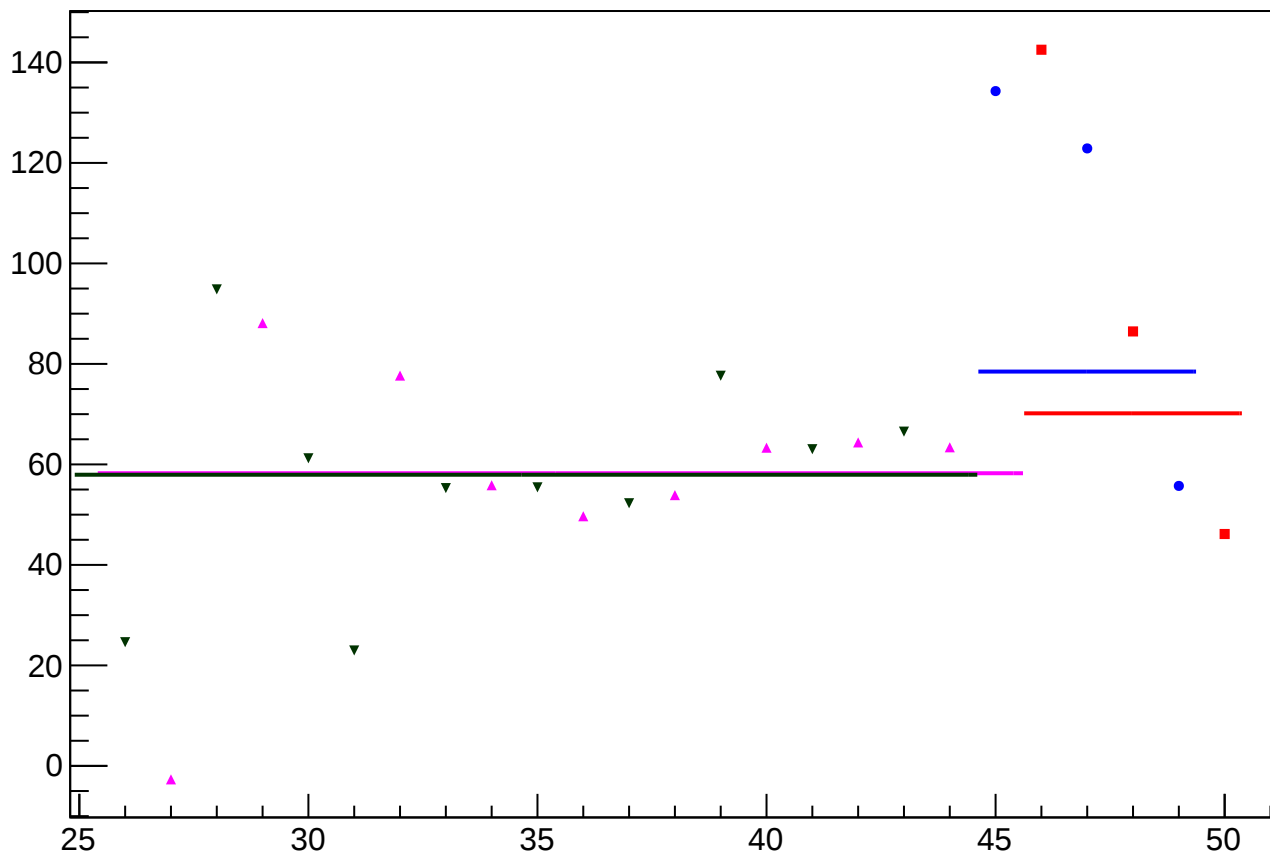
Right Out: -8.246 ± 0.827 $\chi^2/\text{NDF}: 452.0/2$

Left In: -18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

-26.007 ± 0.413 $\chi^2/\text{NDF}: 941.5/12$

-15.966 ± 0.403 $\chi^2/\text{NDF}: 1833.6/11$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 78.476 $\pm$ 0.136 χ^2 /NDF: 62588.7/2

Left Out: 57.944 $\pm$ 0.092 χ^2 /NDF: 48321.4/9

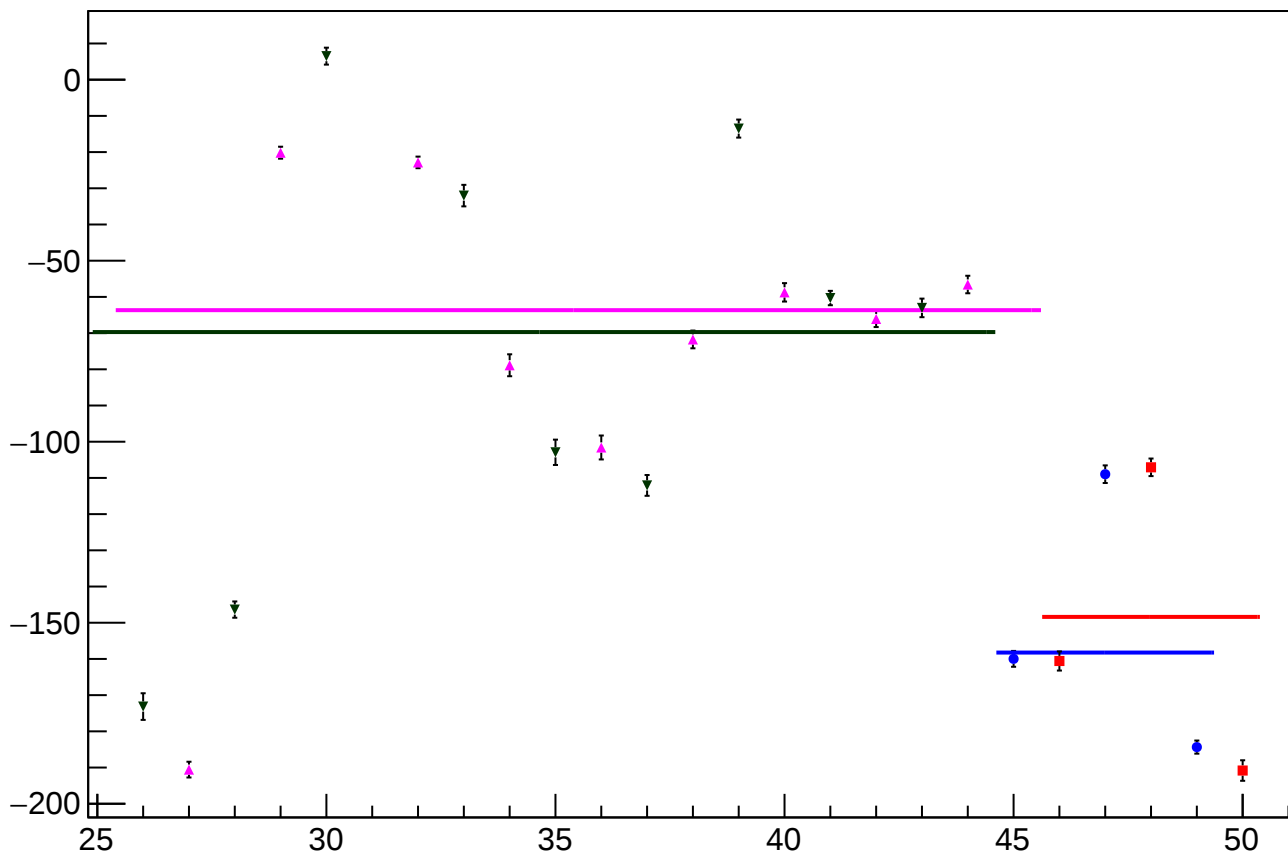
Right Out: 70.165 $\pm$ 0.149 χ^2 /NDF: 49570.1/2

Left In: 58.243 $\pm$ 0.096 χ^2 /NDF: 65783.5/8

64.372 $\pm$ 0.076 χ^2 /NDF: 126545.1/12

61.719 $\pm$ 0.081 χ^2 /NDF: 119867.2/11

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

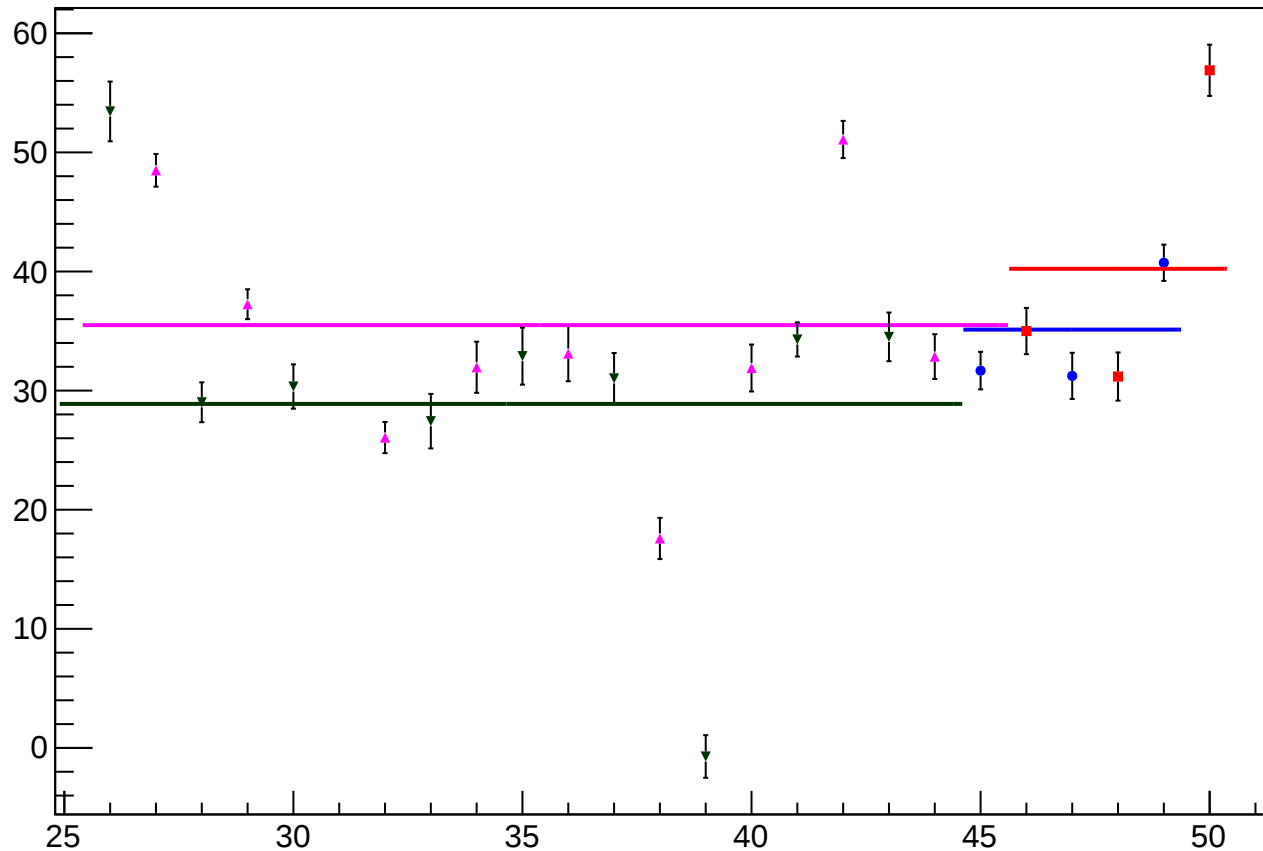
Right Out: -148.388 ± 1.511 χ^2/NDF : 535.5/2

Left In: -63.663 ± 0.734 χ^2/NDF : 4921.5/8

-99.608 ± 0.704 χ^2/NDF : 8176.3/11

-79.825 ± 0.660 χ^2/NDF : 8000.2/11

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 35.121 $\pm$ 0.954 χ^2 /NDF: 22.4/2

Left Out: 28.884 $\pm$ 0.641 χ^2 /NDF: 396.4/8

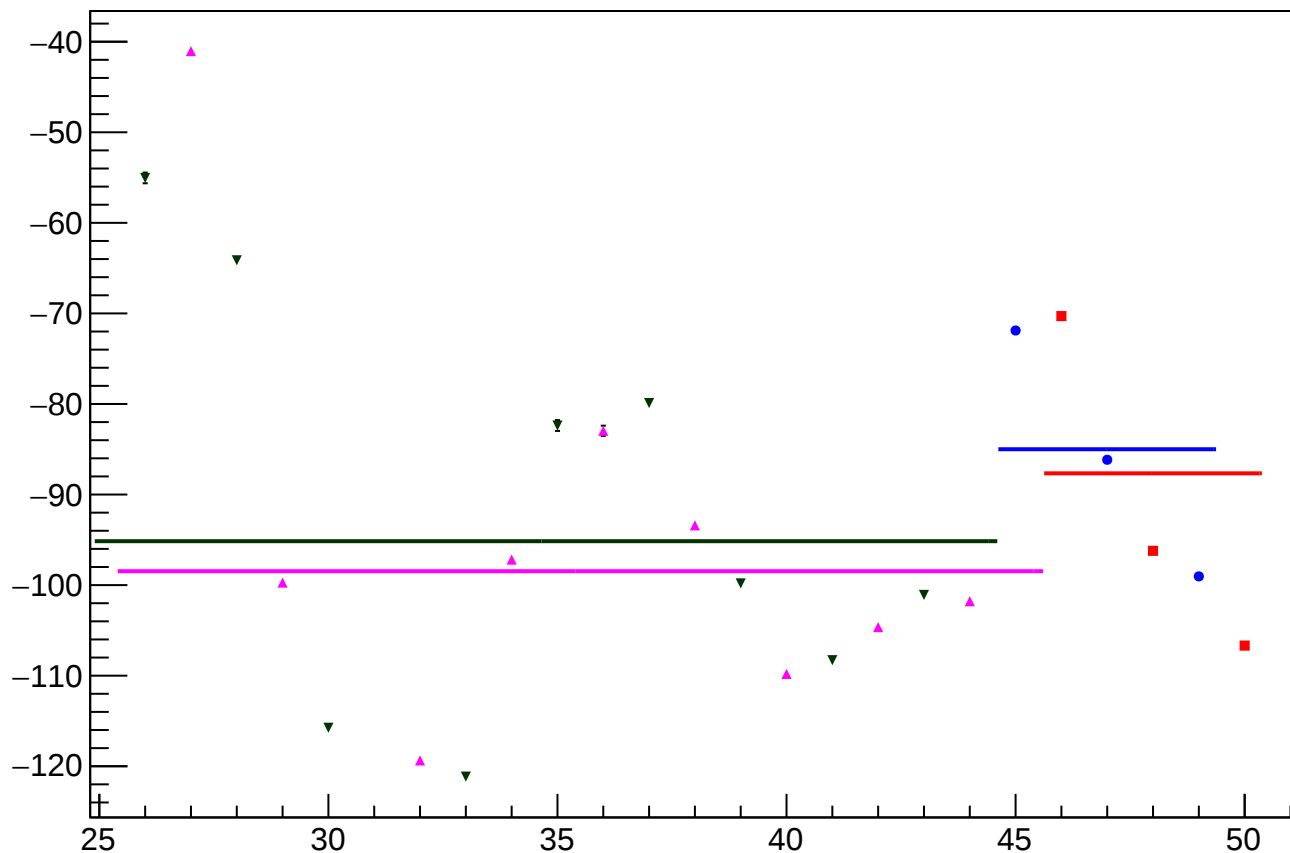
Right Out: 40.227 $\pm$ 1.173 χ^2 /NDF: 87.3/2

Left In: 35.499 $\pm$ 0.540 χ^2 /NDF: 358.9/8

30.826 $\pm$ 0.532 χ^2 /NDF: 448.2/11

36.324 $\pm$ 0.490 χ^2 /NDF: 459.6/11

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -84.998 ± 0.216 $\chi^2/\text{NDF}: 2833.7/2$

Left Out: -95.151 ± 0.144 $\chi^2/\text{NDF}: 20300.2/8$

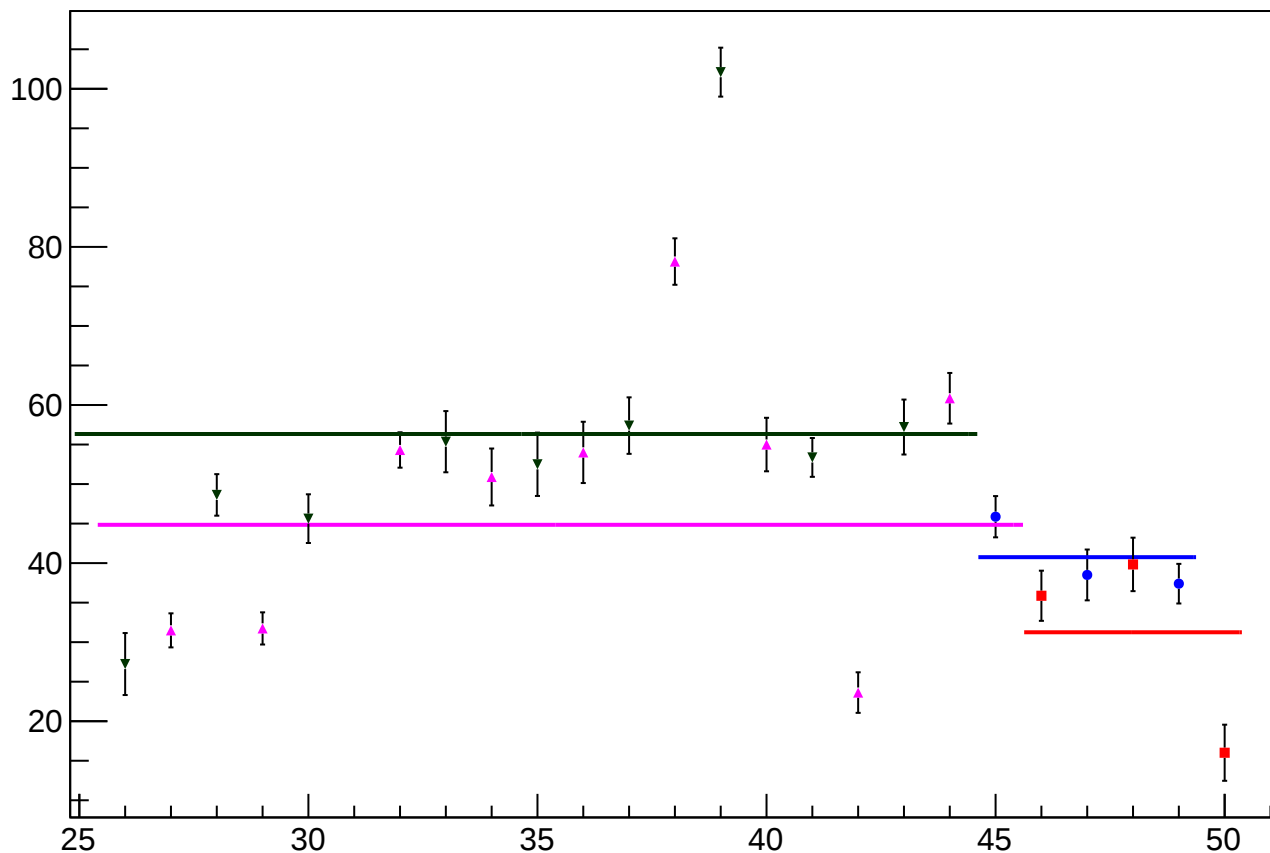
Right Out: -87.659 ± 0.259 $\chi^2/\text{NDF}: 3506.0/2$

Left In: -98.464 ± 0.125 $\chi^2/\text{NDF}: 31724.1/8$

-92.026 ± 0.120 $\chi^2/\text{NDF}: 24658.9/11$

-96.430 ± 0.112 $\chi^2/\text{NDF}: 36646.1/11$

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 40.752 $\pm$ 1.576 χ^2 /NDF: 6.1/2

Left Out: 56.333 $\pm$ 1.069 χ^2 /NDF: 296.9/8

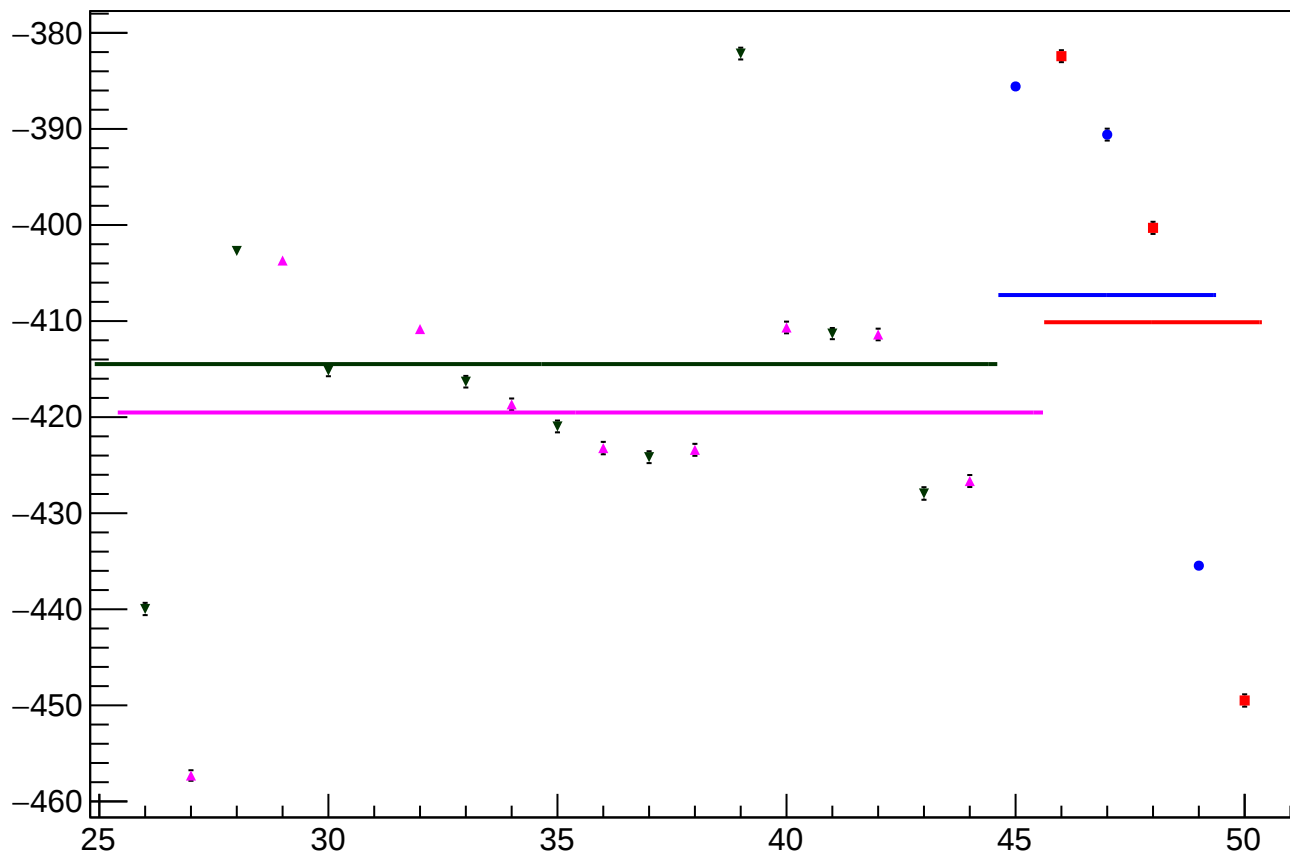
Right Out: 31.251 $\pm$ 1.938 χ^2 /NDF: 27.0/2

Left In: 44.845 $\pm$ 0.893 χ^2 /NDF: 337.0/8

51.423 $\pm$ 0.884 χ^2 /NDF: 370.0/11

42.463 $\pm$ 0.811 χ^2 /NDF: 404.6/11

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

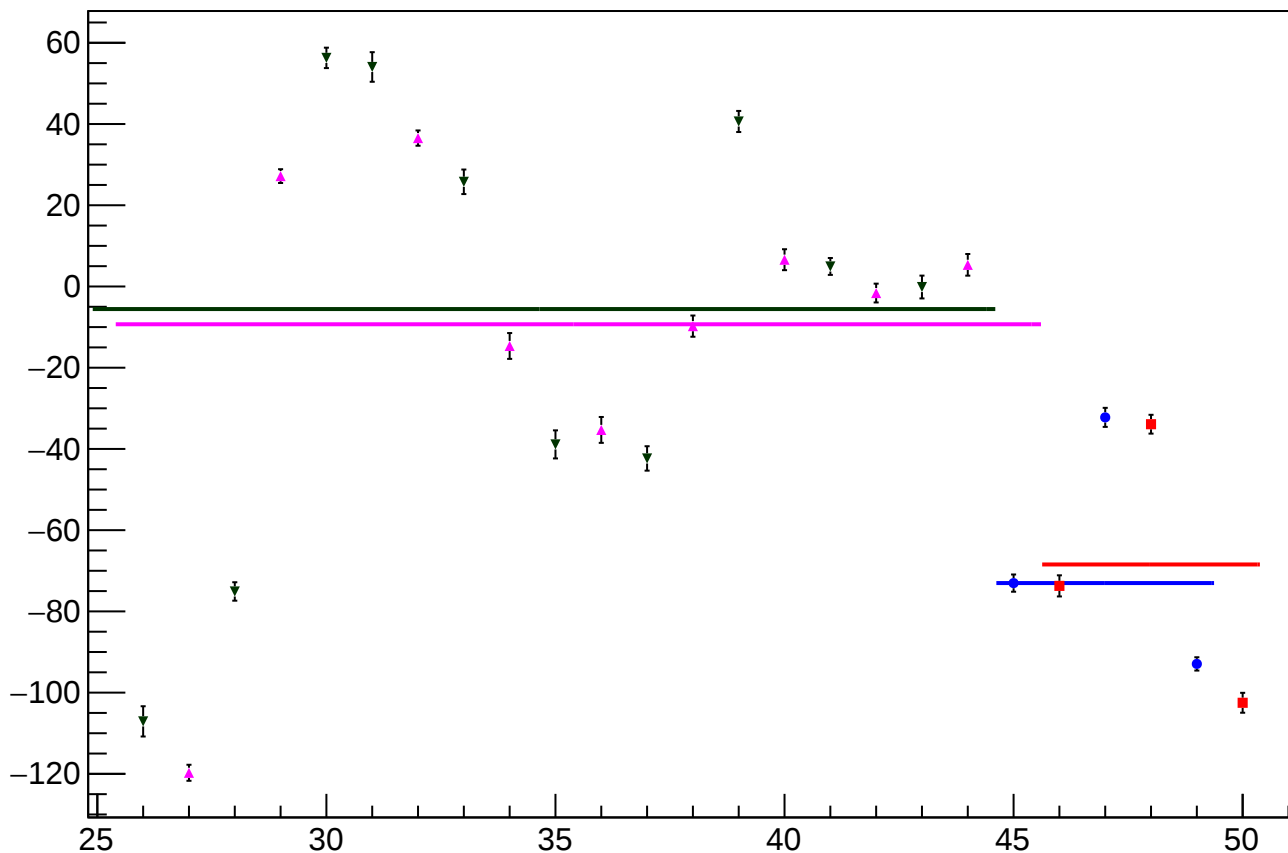
Right Out: -410.120 ± 0.365 χ^2/NDF : 5983.8/2

Left In: -419.518 ± 0.188 χ^2/NDF : 6841.3/8

-412.350 ± 0.167 χ^2/NDF : 12030.1/11

-417.542 ± 0.167 χ^2/NDF : 13348.2/11

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

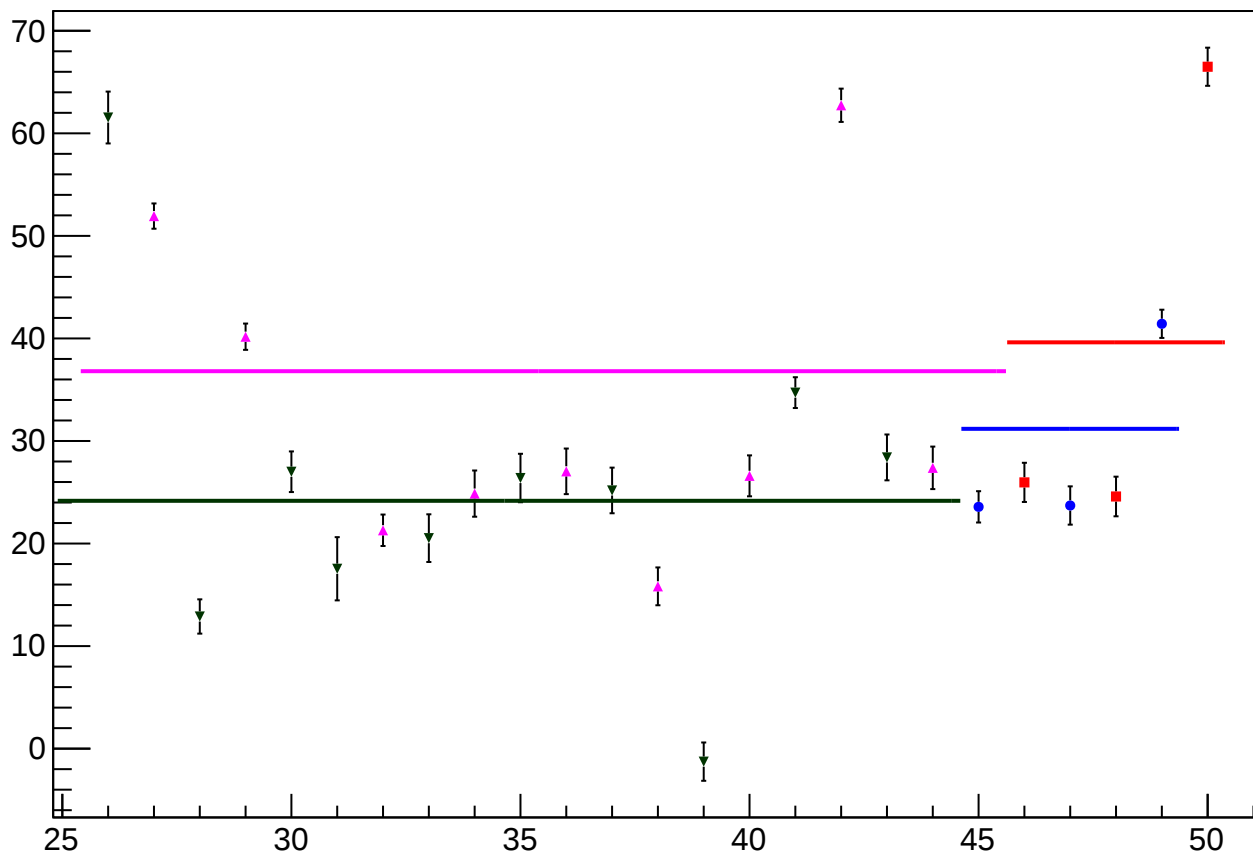
Right Out: -68.445+/-1.413 χ^2/NDF : 419.6/2

Left In: -9.304+/-0.765 χ^2/NDF : 4334.5/8

-30.671+/-0.692 χ^2/NDF : 5918.2/12

-22.712+/-0.673 χ^2/NDF : 6108.4/11

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 31.186 ± 0.897 χ^2/NDF : 96.3/2

Left Out: 24.167 ± 0.649 χ^2/NDF : 512.5/9

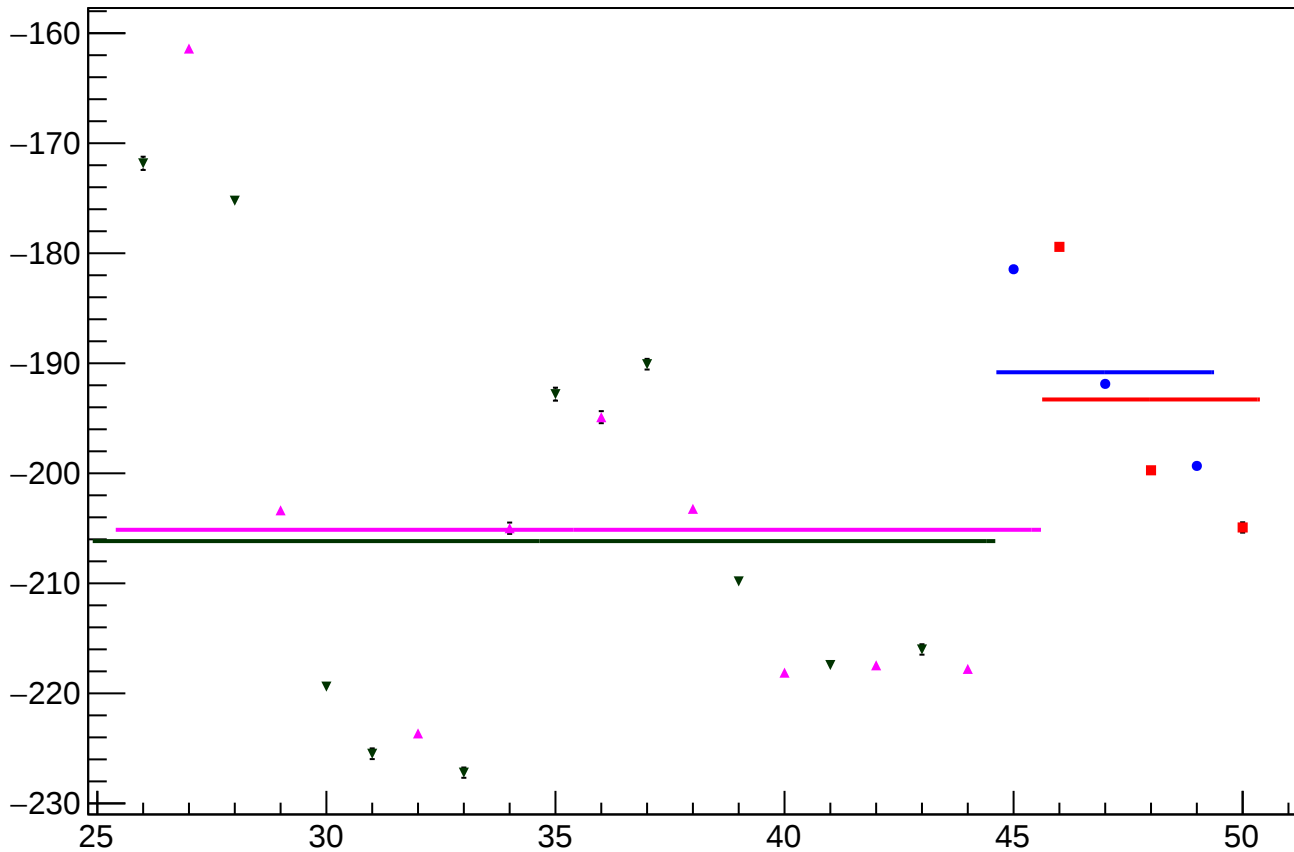
Right Out: 39.619 ± 1.097 χ^2/NDF : 320.3/2

Left In: 36.806 ± 0.555 χ^2/NDF : 738.7/8

26.583 ± 0.526 χ^2/NDF : 649.0/12

37.379 ± 0.495 χ^2/NDF : 1064.2/11

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

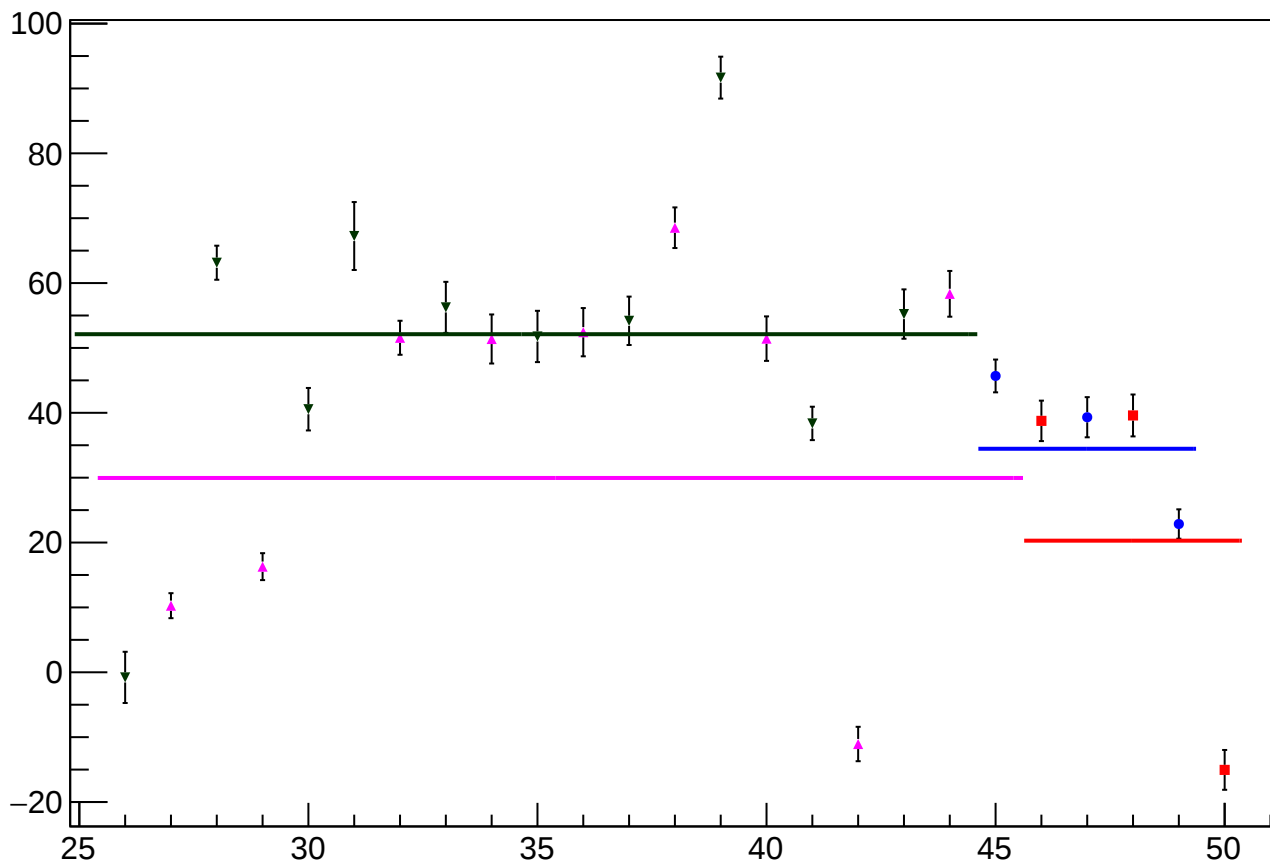
Right Out: -193.289+/-0.244 χ^2/NDF : 2093.2/2

Left In: -205.134+/-0.132 χ^2/NDF : 22564.1/8

-201.054+/-0.118 χ^2/NDF : 22168.3/12

-202.474+/-0.116 χ^2/NDF : 26477.5/11

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 34.456 ± 1.481 χ^2/NDF : 48.5/2

Left Out: 52.118 ± 1.081 χ^2/NDF : 398.5/9

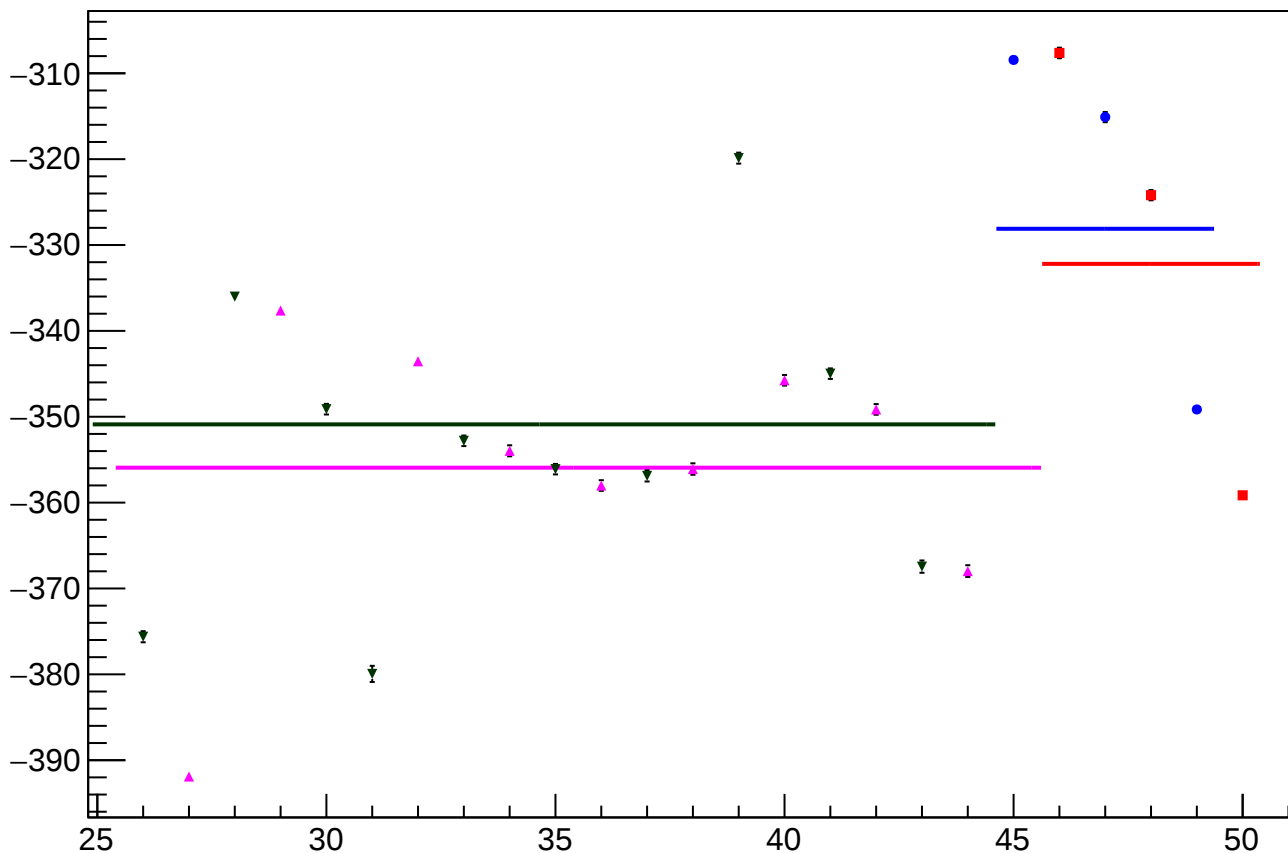
Right Out: 20.290 ± 1.811 χ^2/NDF : 203.4/2

Left In: 29.956 ± 0.913 χ^2/NDF : 779.4/8

45.975 ± 0.873 χ^2/NDF : 539.8/12

27.995 ± 0.815 χ^2/NDF : 1005.5/11

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

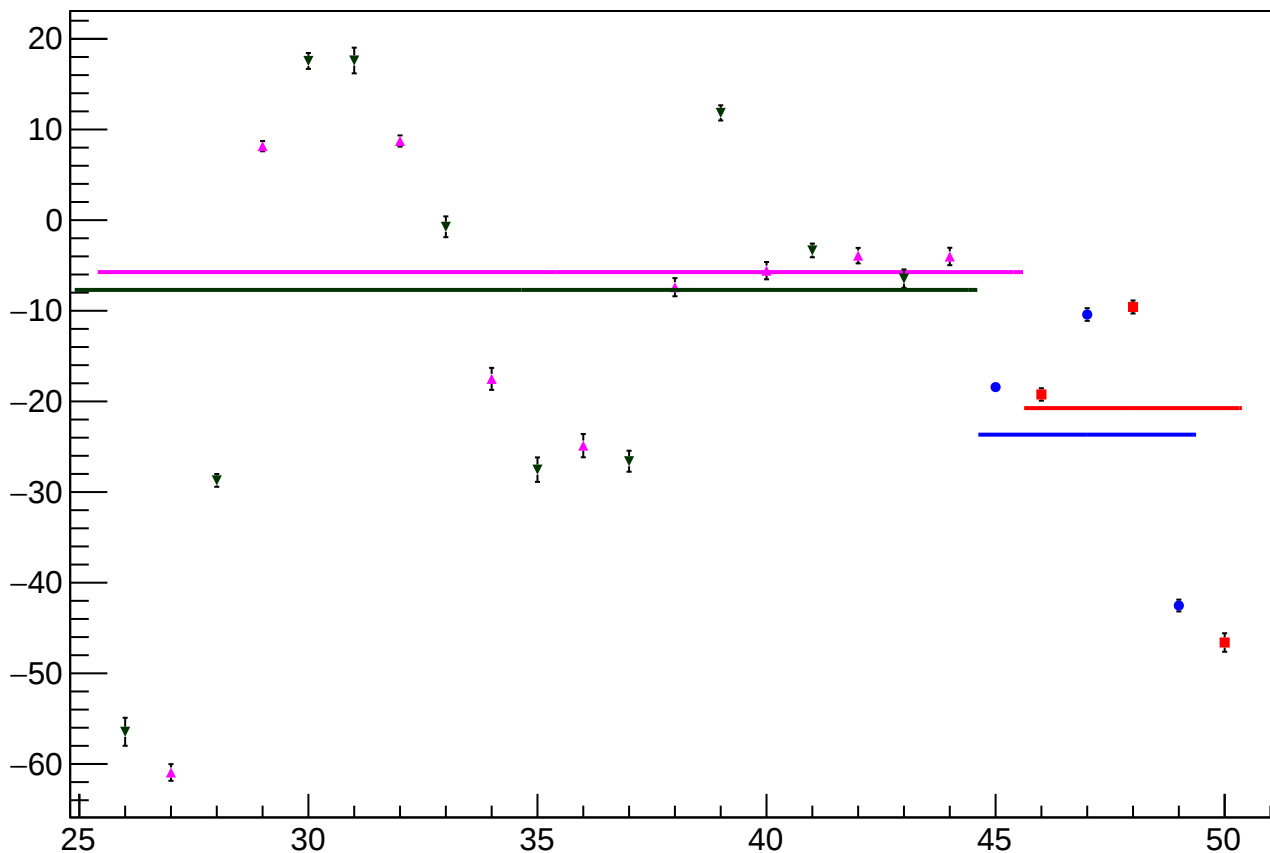
Right Out: -332.196+/-0.339 χ^2/NDF : 4150.8/2

Left In: -355.932+/-0.194 χ^2/NDF : 7933.4/8

-343.470+/-0.164 χ^2/NDF : 15077.6/12

-350.070+/-0.168 χ^2/NDF : 15781.8/11

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

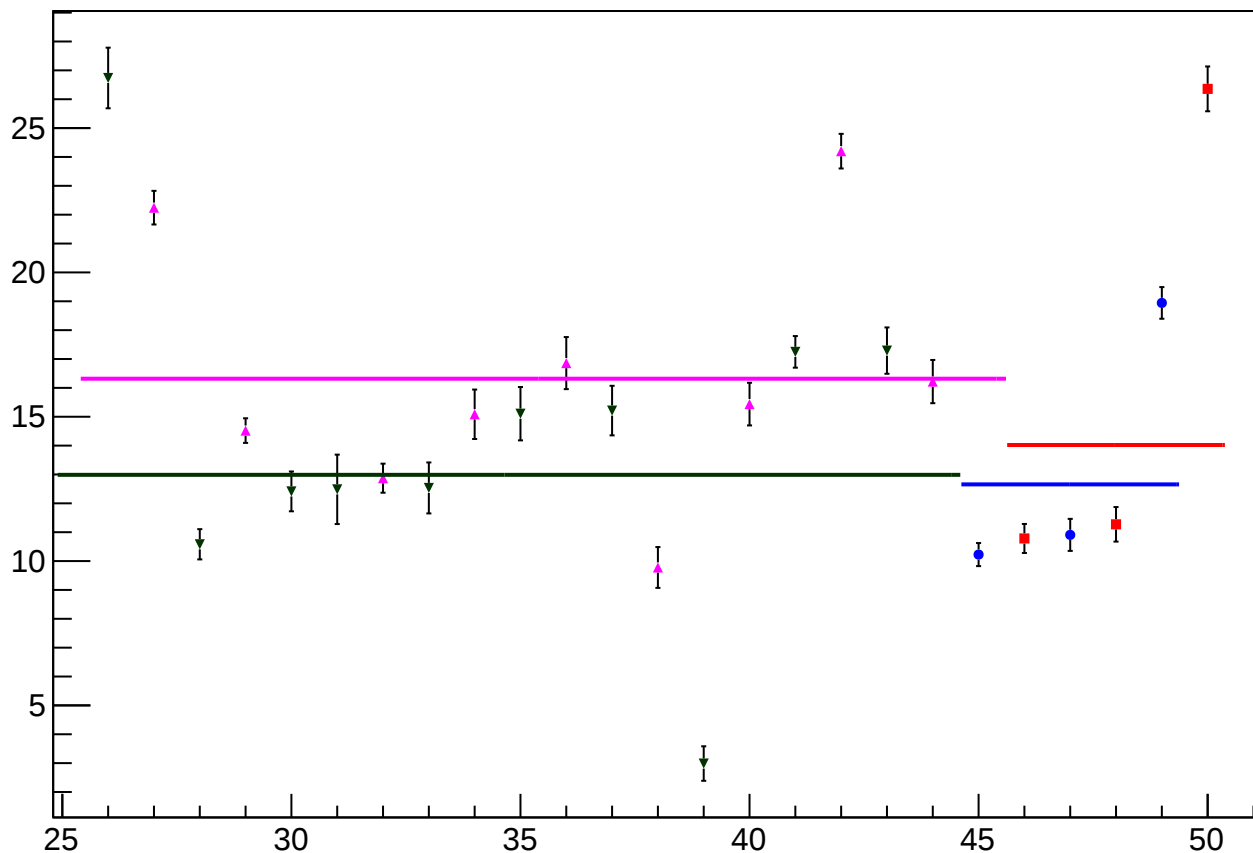
Right Out: -20.738+/-0.447 χ^2/NDF : 886.3/2

Left In: -5.733+/-0.279 χ^2/NDF : 5095.9/8

-14.464+/-0.235 χ^2/NDF : 6531.7/12

-9.953+/-0.237 χ^2/NDF : 6793.0/11

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 $\chi^2/\text{NDF}: 575.0/9$

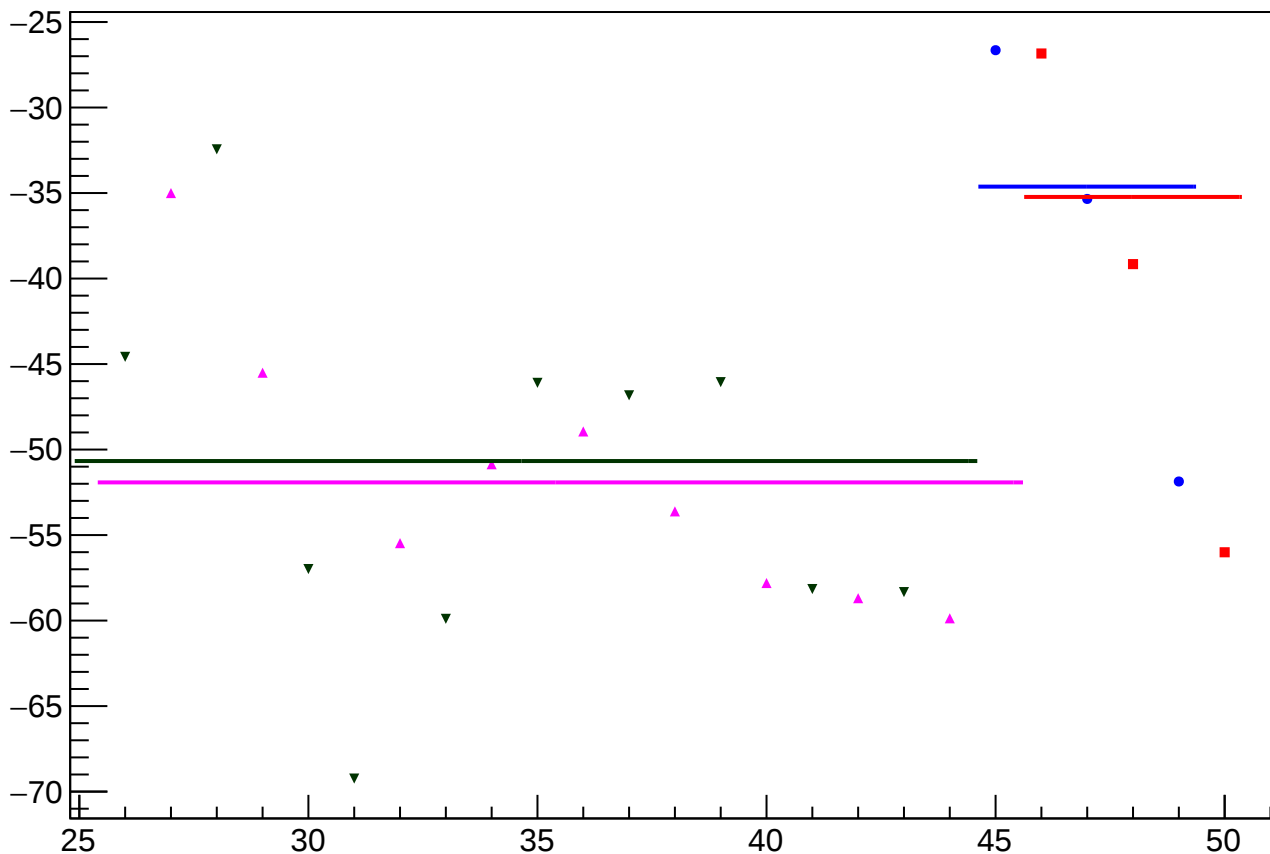
Right Out: 14.021 ± 0.345 $\chi^2/\text{NDF}: 315.3/2$

Left In: 16.318 ± 0.207 $\chi^2/\text{NDF}: 430.3/8$

12.853 ± 0.178 $\chi^2/\text{NDF}: 754.3/12$

15.710 ± 0.177 $\chi^2/\text{NDF}: 778.2/11$

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.625±/0.063 χ^2/NDF : 24613.8/2

Left Out: -50.671±/0.051 χ^2/NDF : 44323.0/9

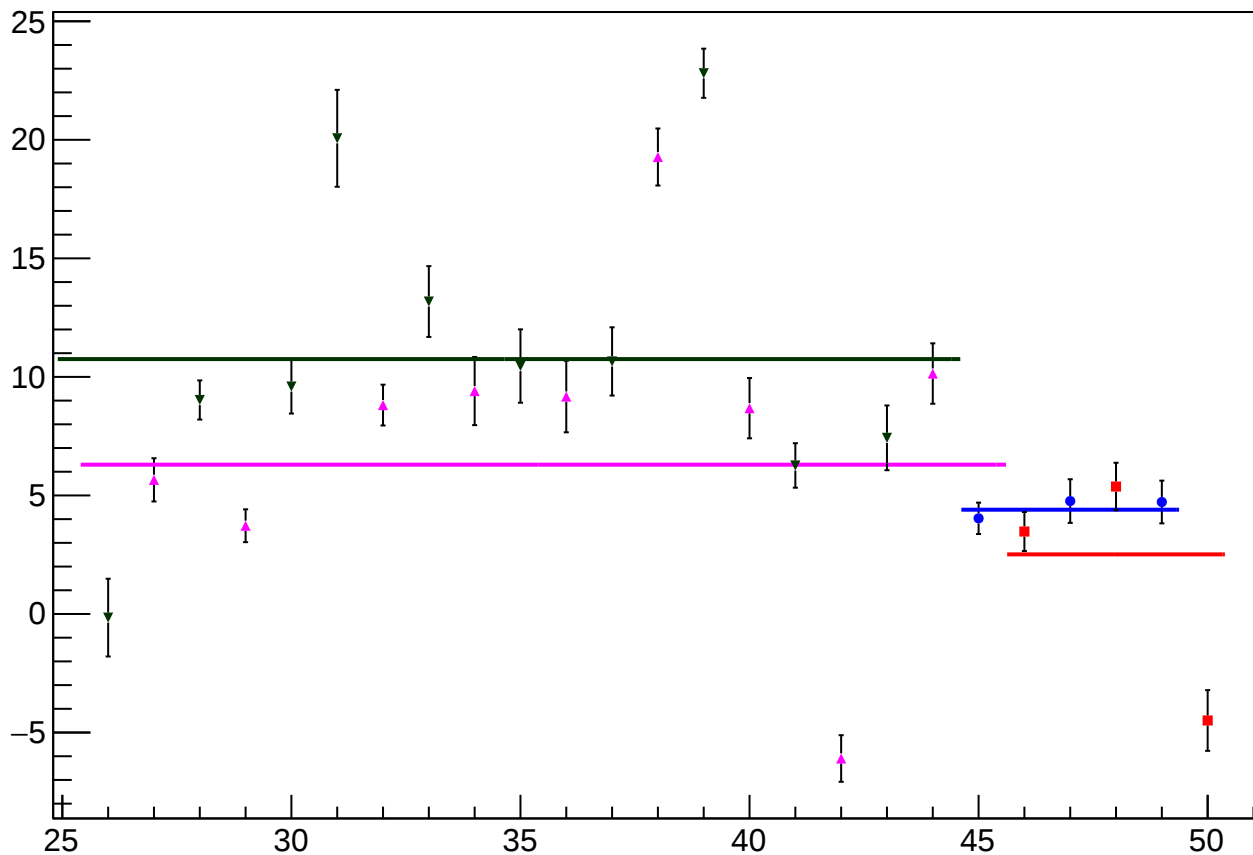
Right Out: -35.228±/0.075 χ^2/NDF : 18715.3/2

Left In: -51.920±/0.048 χ^2/NDF : 21764.1/8

-44.226±/0.040 χ^2/NDF : 108257.9/12

-47.061±/0.040 χ^2/NDF : 75905.0/11

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

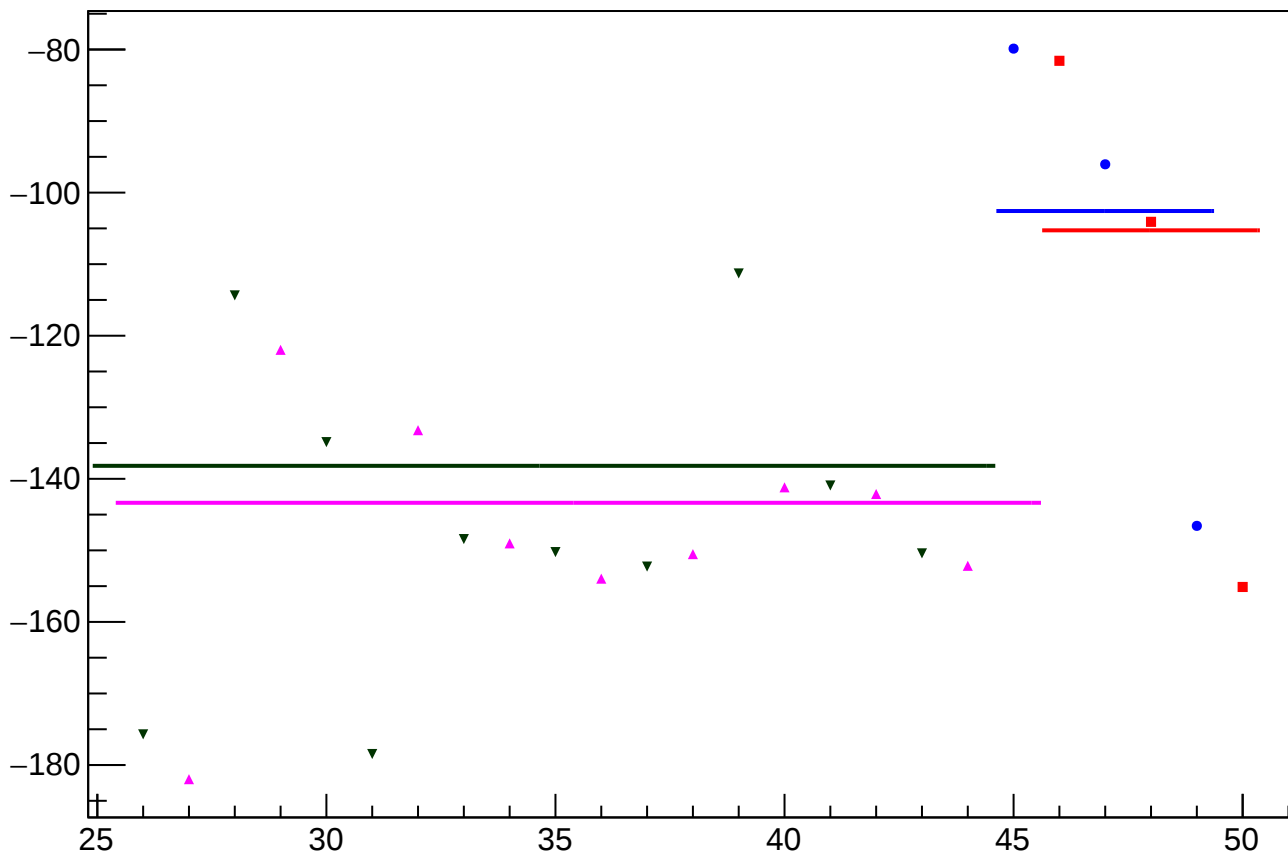
Right Out: 2.514 $\pm$ 0.570 χ^2 /NDF: 39.4/2

Left In: 6.298 $\pm$ 0.343 χ^2 /NDF:319.2/8

8.156 $\pm$ 0.295 χ^2 /NDF: 349.8/12

5.294 $\pm$ 0.294 χ^2 /NDF: 391.0/11

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -102.572+/-0.090 χ^2/NDF : 96096.7/2

Left Out: -138.184+/-0.072 χ^2/NDF : 82180.0/9

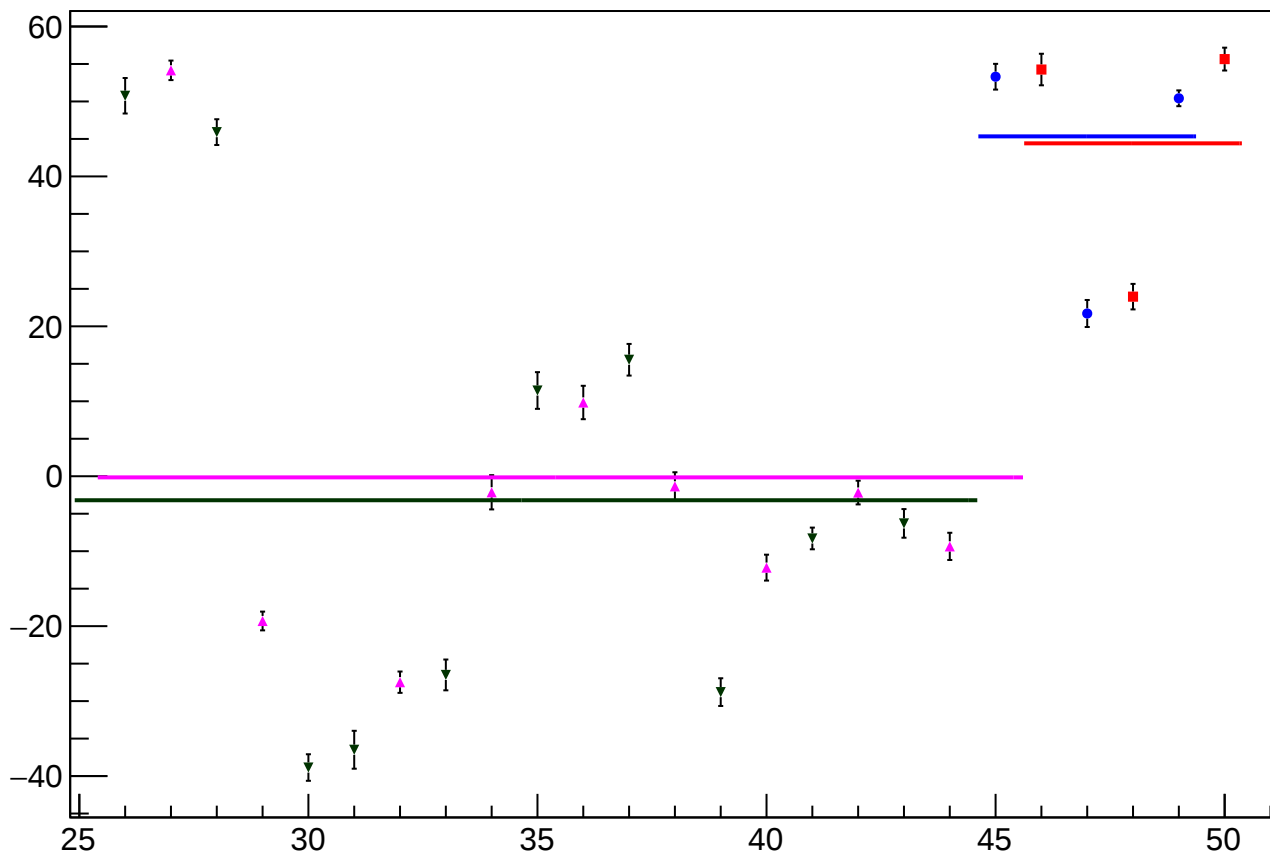
Right Out: -105.272+/-0.109 χ^2/NDF : 68027.2/2

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-124.436+/-0.056 χ^2/NDF : 273424.8/12

-131.776+/-0.060 χ^2/NDF : 208225.3/11

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 45.341 $\pm$ 0.804 χ^2 /NDF: 216.5/2

Left Out: -3.202 $\pm$ 0.613 χ^2 /NDF:2363.4/9

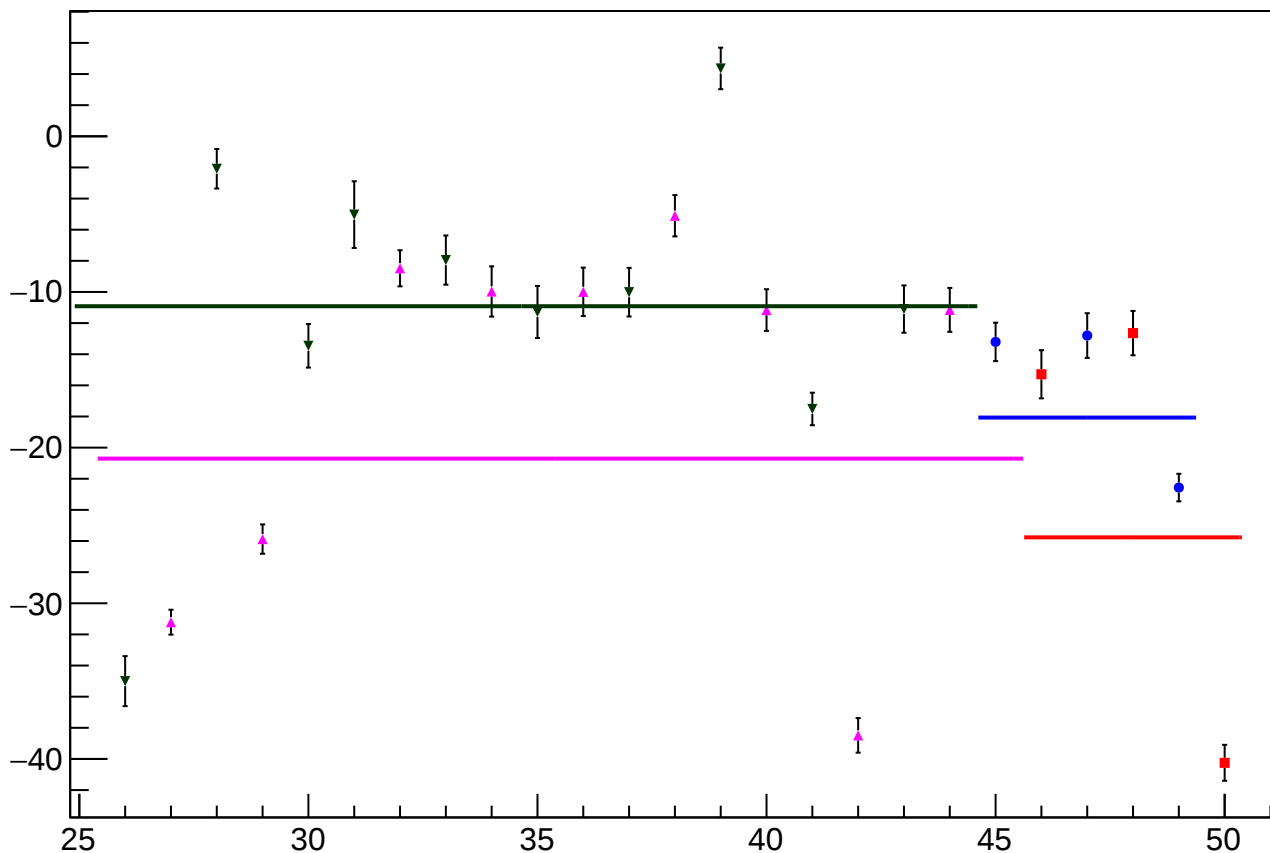
Right Out: 44.412 $\pm$ 0.999 χ^2 /NDF: 220.8/2

Left In: -0.152 $\pm$ 0.540 χ^2 /NDF:2441.2/8

14.623 $\pm$ 0.487 χ^2 /NDF: 4885.0/12

9.910 $\pm$ 0.475 χ^2 /NDF: 4202.4/11

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -18.069 ± 0.643 χ^2/NDF : 54.8/2

Left Out: -10.916 ± 0.456 χ^2/NDF : 459.2/9

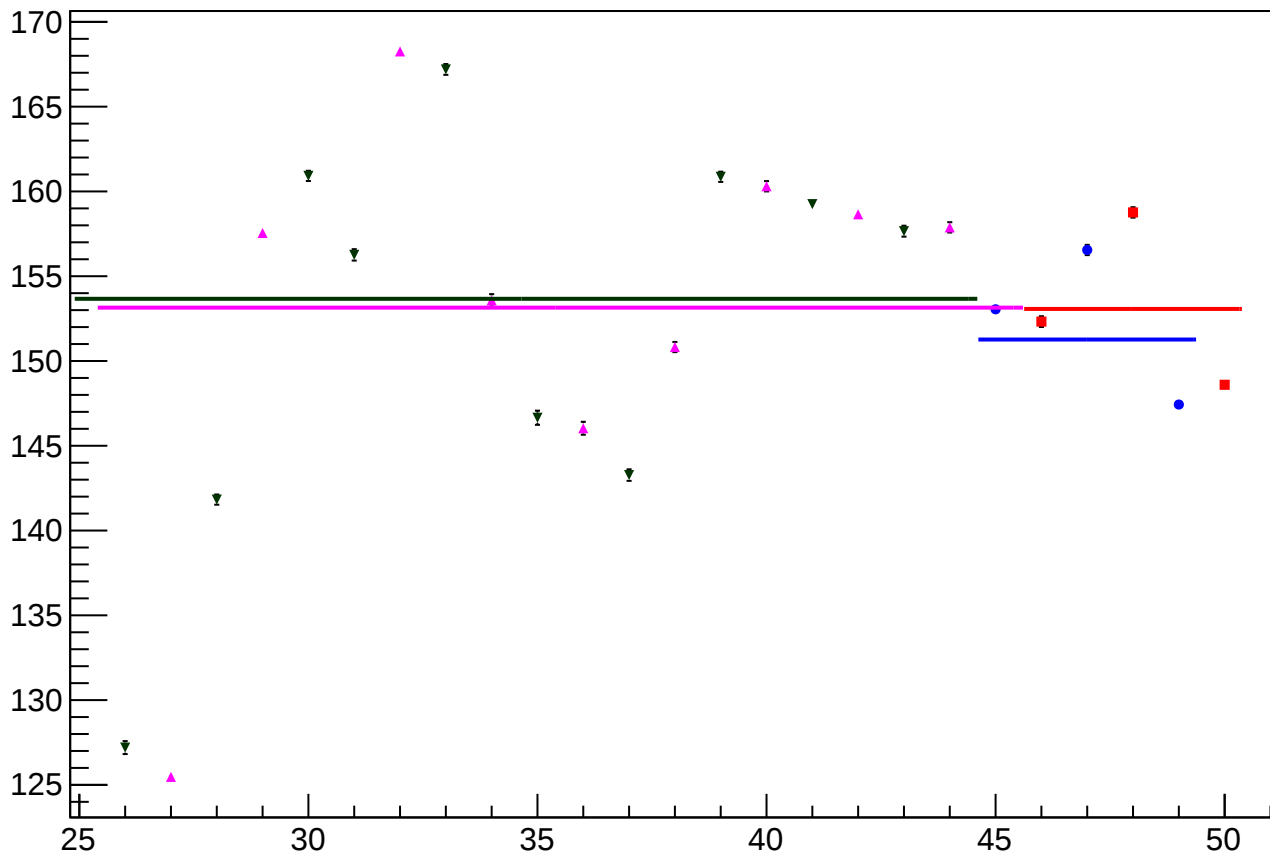
Right Out: -25.766 ± 0.776 χ^2/NDF : 288.0/2

Left In: -20.706 ± 0.387 χ^2/NDF : 896.2/8

-13.306 ± 0.372 χ^2/NDF : 596.3/12

-21.715 ± 0.347 χ^2/NDF : 1218.2/11

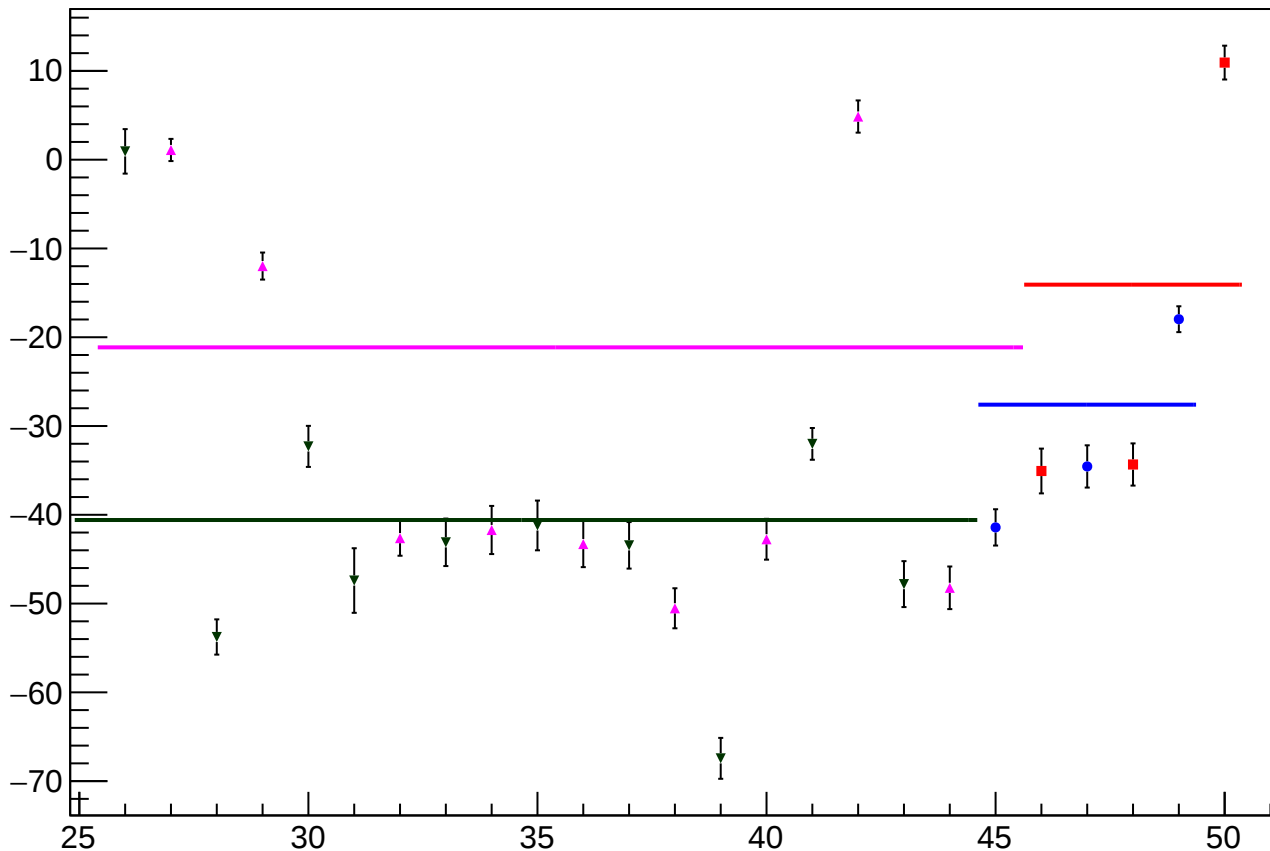
reg_asym_atl_dd_diff_bpm4eX_slope vs slug



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: 153.070+/-0.177 χ^2/NDF : 579.8/2
 Left In: 153.146+/-0.093 χ^2/NDF :20805.5/8

152.906+/-0.083 χ^2/NDF : 12019.7/12
 153.130+/-0.082 χ^2/NDF : 21385.5/11

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 $\chi^2/\text{NDF}: 503.5/9$

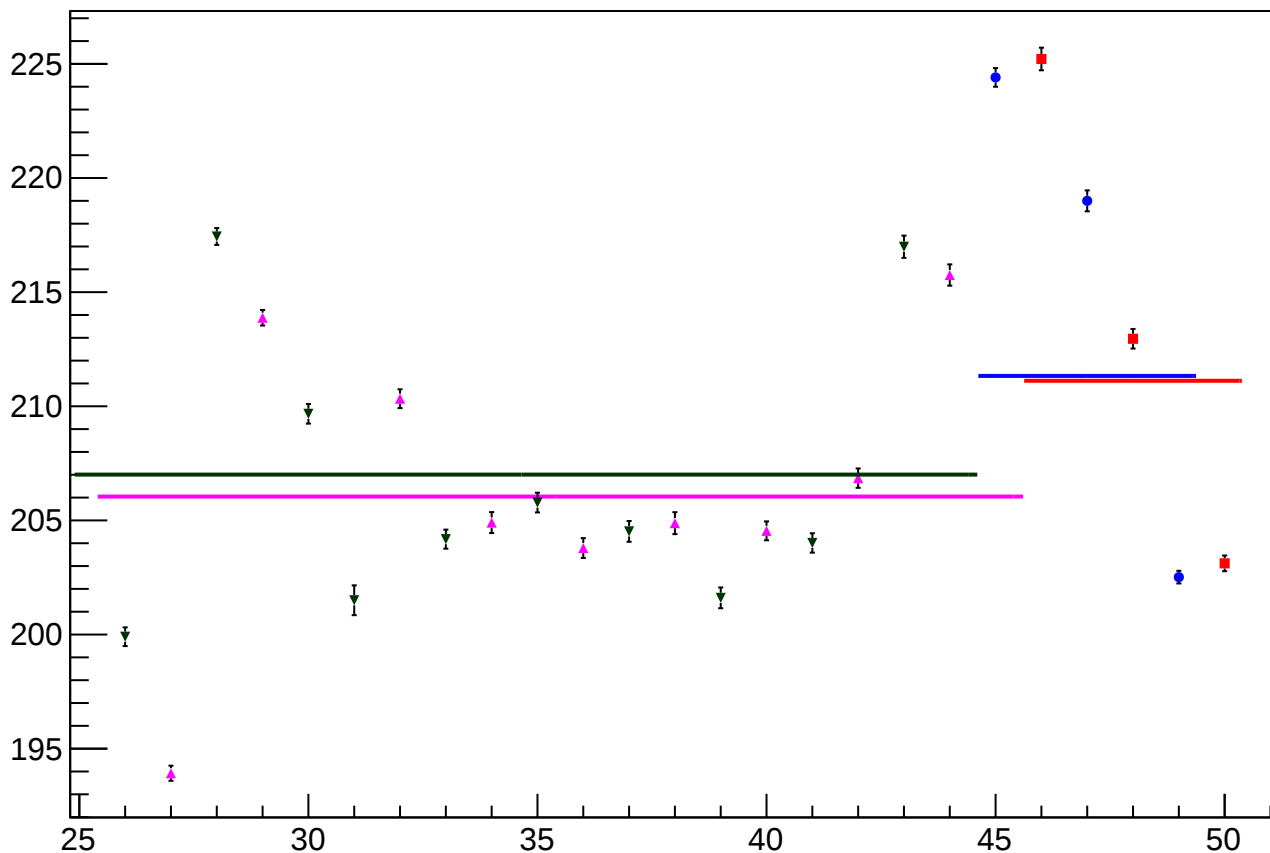
Right Out: -14.077 ± 1.281 $\chi^2/\text{NDF}: 314.2/2$

Left In: -21.140 ± 0.636 $\chi^2/\text{NDF}: 1191.2/8$

-36.197 ± 0.617 $\chi^2/\text{NDF}: 700.6/12$

-19.743 ± 0.570 $\chi^2/\text{NDF}: 1529.8/11$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 211.331 +/- 0.205 χ^2/NDF : 2312.7/2

Left Out: 207.007 +/- 0.139 χ^2/NDF : 1896.8/9

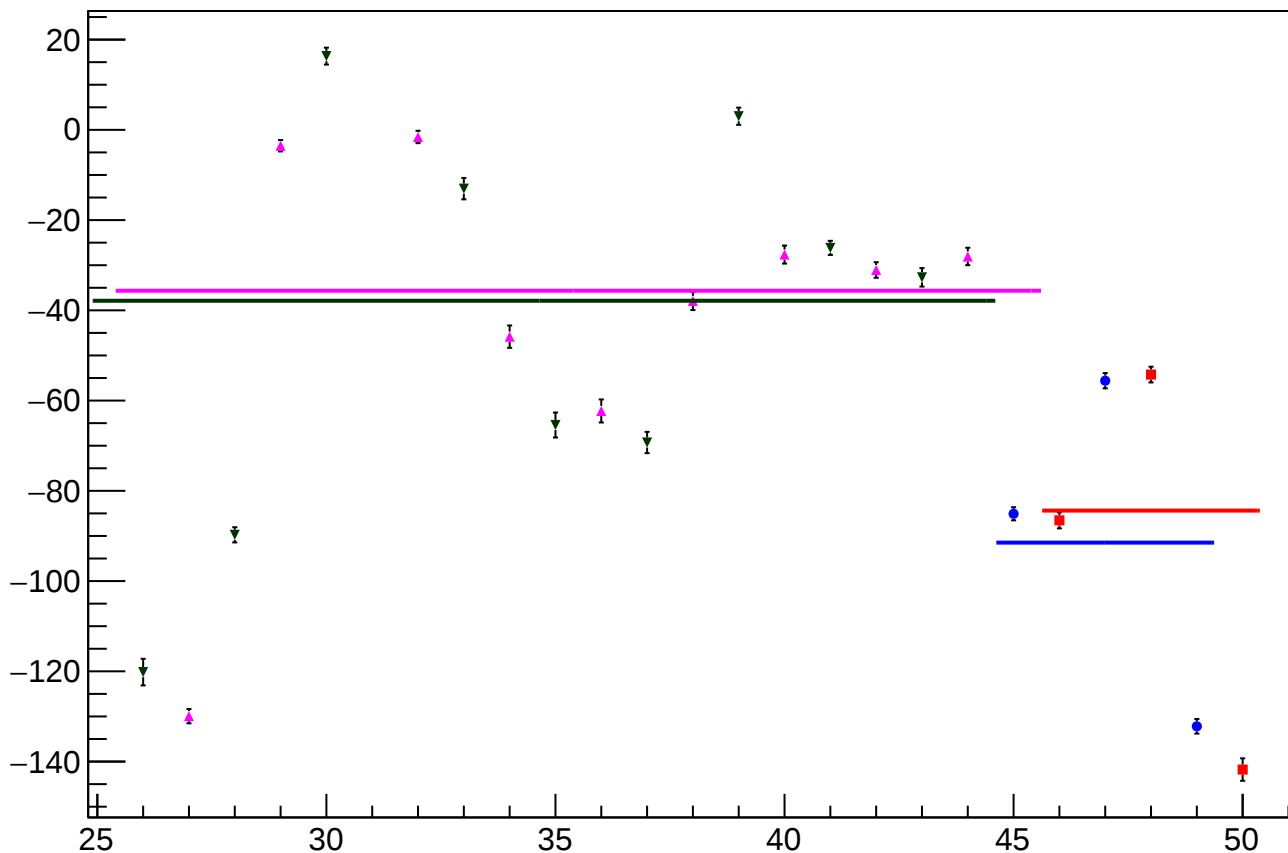
Right Out: 211.117 +/- 0.236 χ^2/NDF : 1366.4/2

Left In: 206.045 +/- 0.136 χ^2/NDF : 2460.3/8

208.371 +/- 0.115 χ^2/NDF : 4513.3/12

207.310 +/- 0.118 χ^2/NDF : 4172.7/11

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -91.475+/-0.911 χ^2/NDF : 1104.3/2

Left Out: -37.875+/-0.681 χ^2/NDF : 3472.1/8

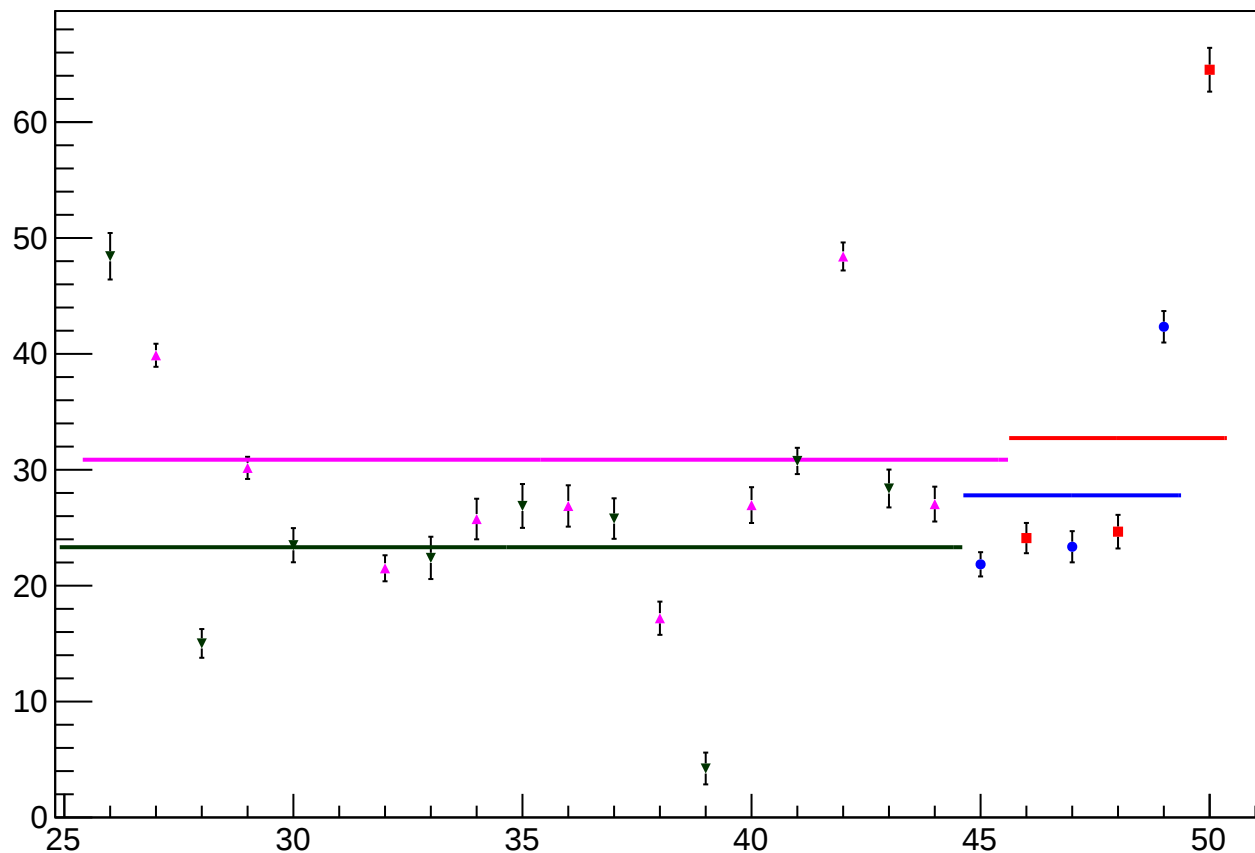
Right Out: -84.377+/-1.114 χ^2/NDF : 832.6/2

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-57.088+/-0.545 χ^2/NDF : 6798.7/11

-46.068+/-0.515 χ^2/NDF : 7296.0/11

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 27.794 $\pm$ 0.706 χ^2 /NDF: 157.9/2

Left Out: 23.318 $\pm$ 0.503 χ^2 /NDF: 453.6/8

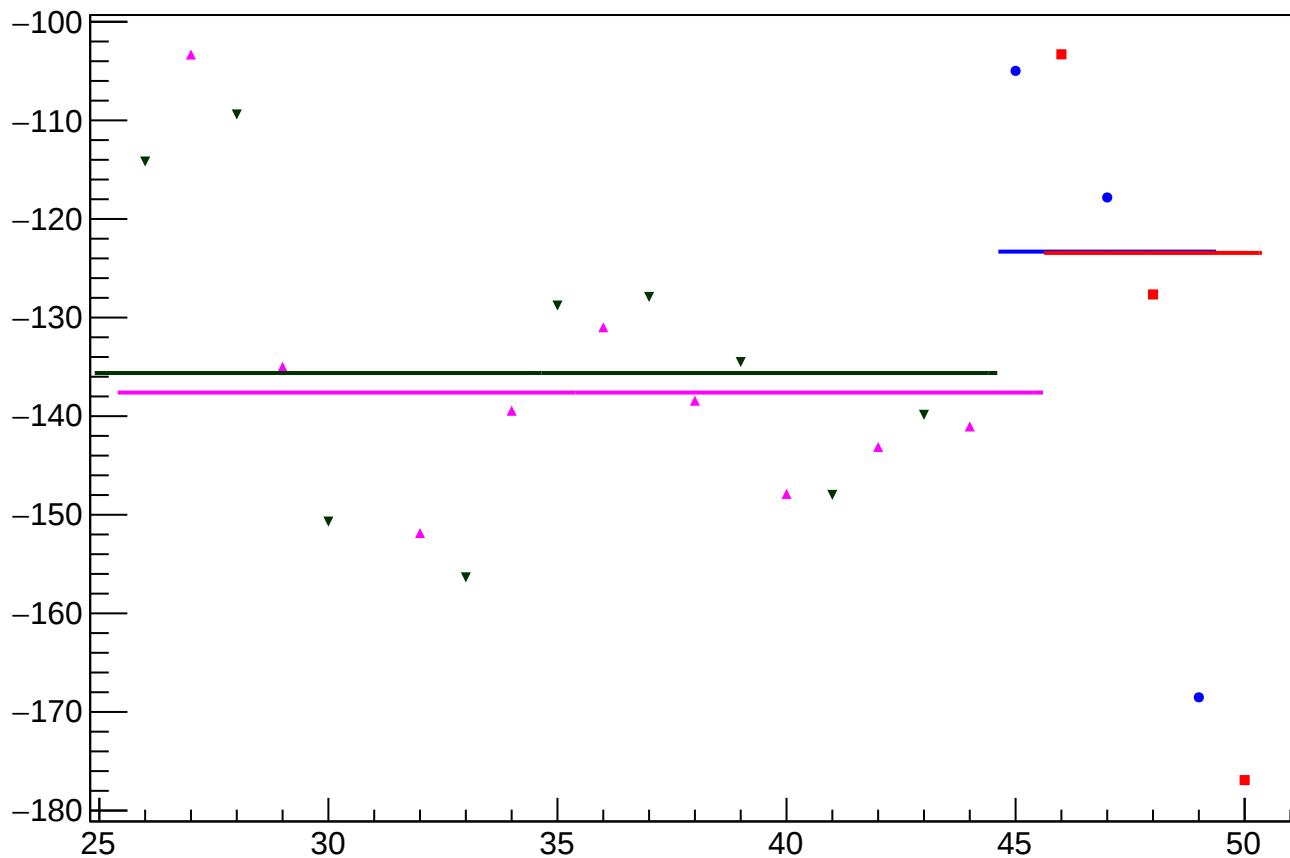
Right Out: 32.735 $\pm$ 0.863 χ^2 /NDF: 357.5/2

Left In: 30.868 $\pm$ 0.424 χ^2 /NDF: 480.3/8

24.826 $\pm$ 0.410 χ^2 /NDF: 638.2/11

31.231 $\pm$ 0.380 χ^2 /NDF: 841.6/11

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

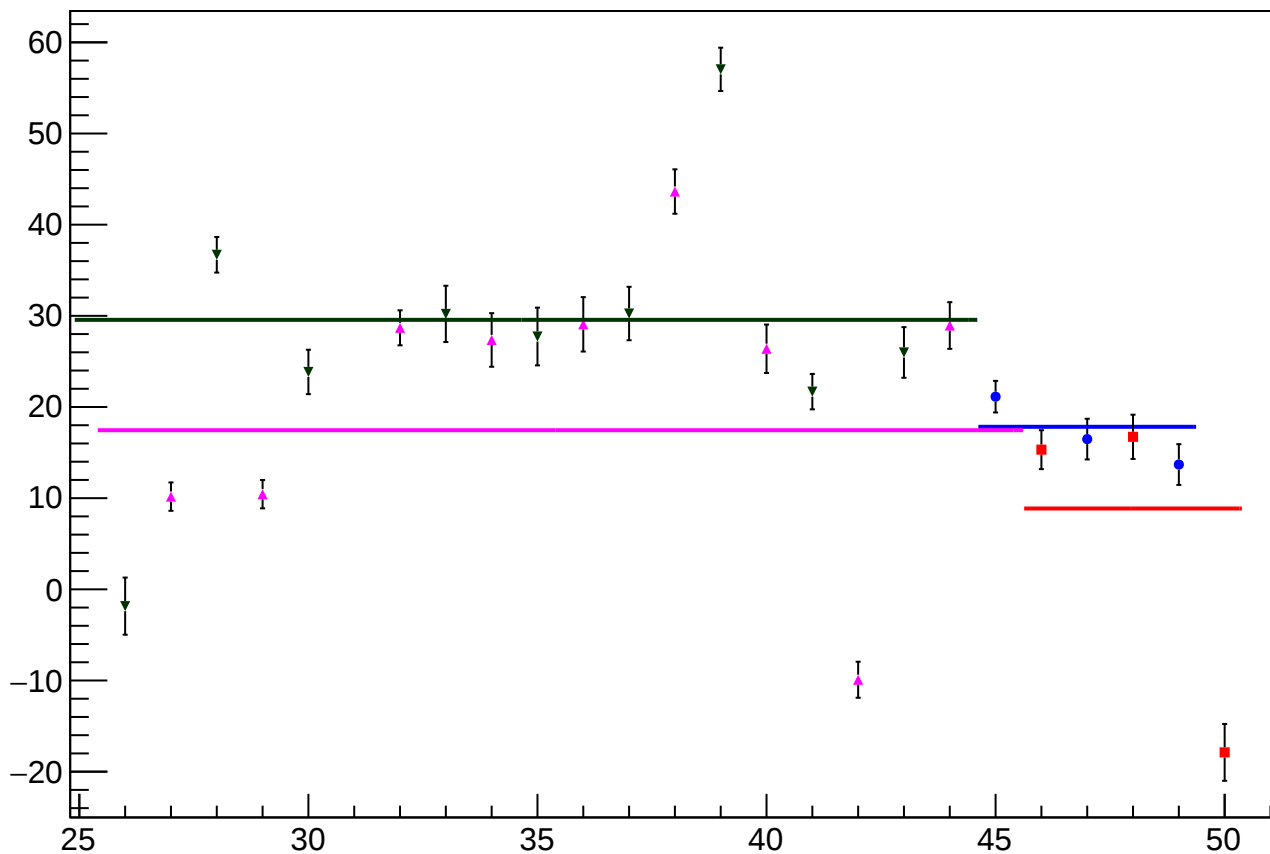
Right Out: -123.442 $\pm$ 0.187 χ^2 /NDF: 18324.2/2

Left In: -137.605 $\pm$ 0.100 χ^2 /NDF: 21119.1/8

-131.401 $\pm$ 0.093 χ^2 /NDF: 47365.2/11

-134.481 $\pm$ 0.088 χ^2 /NDF: 43899.0/11

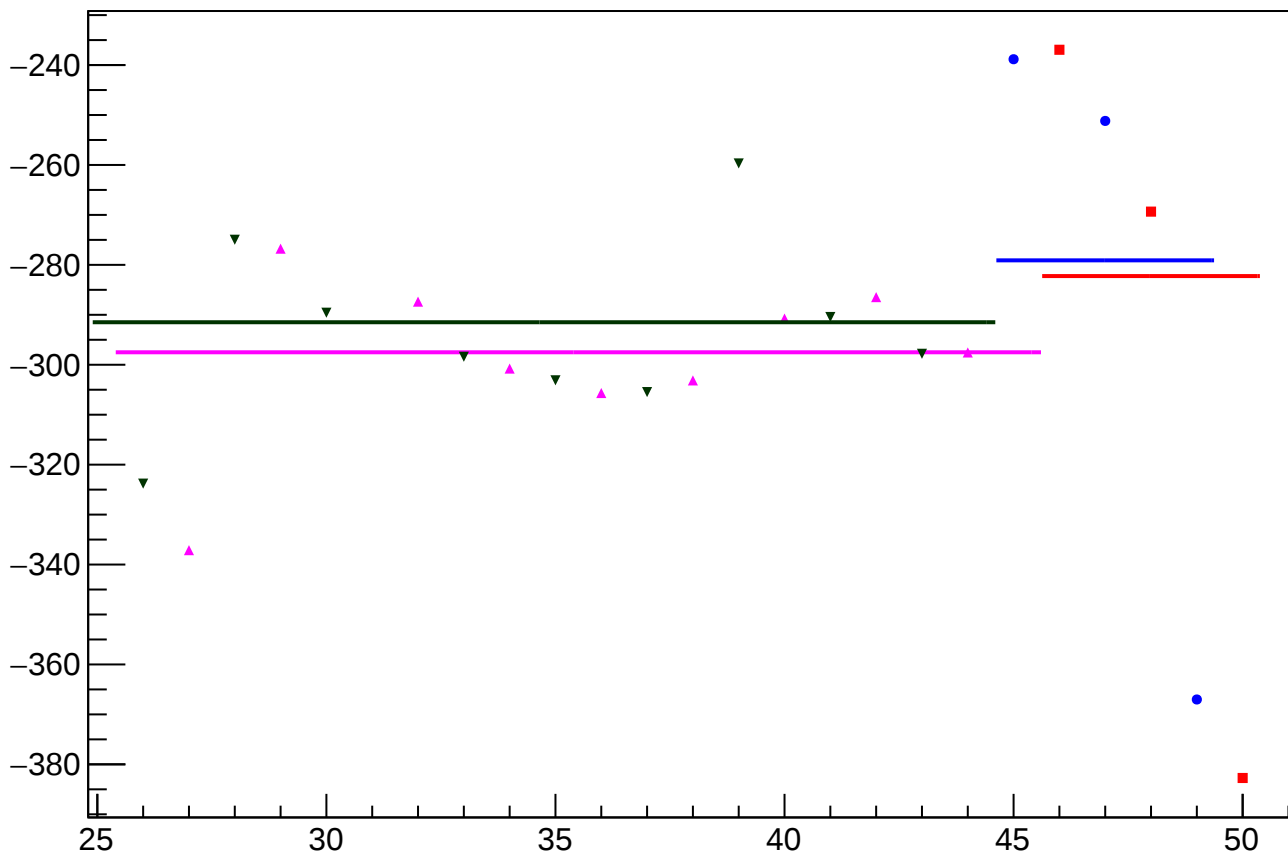
reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 17.828 ± 1.167 $\chi^2/\text{NDF}: 7.4/2$
 Left Out: 29.561 ± 0.838 $\chi^2/\text{NDF}: 271.6/8$
 Right Out: 8.866 ± 1.426 $\chi^2/\text{NDF}: 93.2/2$
 Left In: 17.454 ± 0.699 $\chi^2/\text{NDF}: 441.9/8$

25.572 ± 0.680 $\chi^2/\text{NDF}: 345.7/11$
 15.789 ± 0.628 $\chi^2/\text{NDF}: 564.4/11$

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -279.098 $\pm$ 0.228 χ^2/NDF : 60188.8/2

Left Out: -291.489 $\pm$ 0.156 χ^2/NDF : 12241.2/8

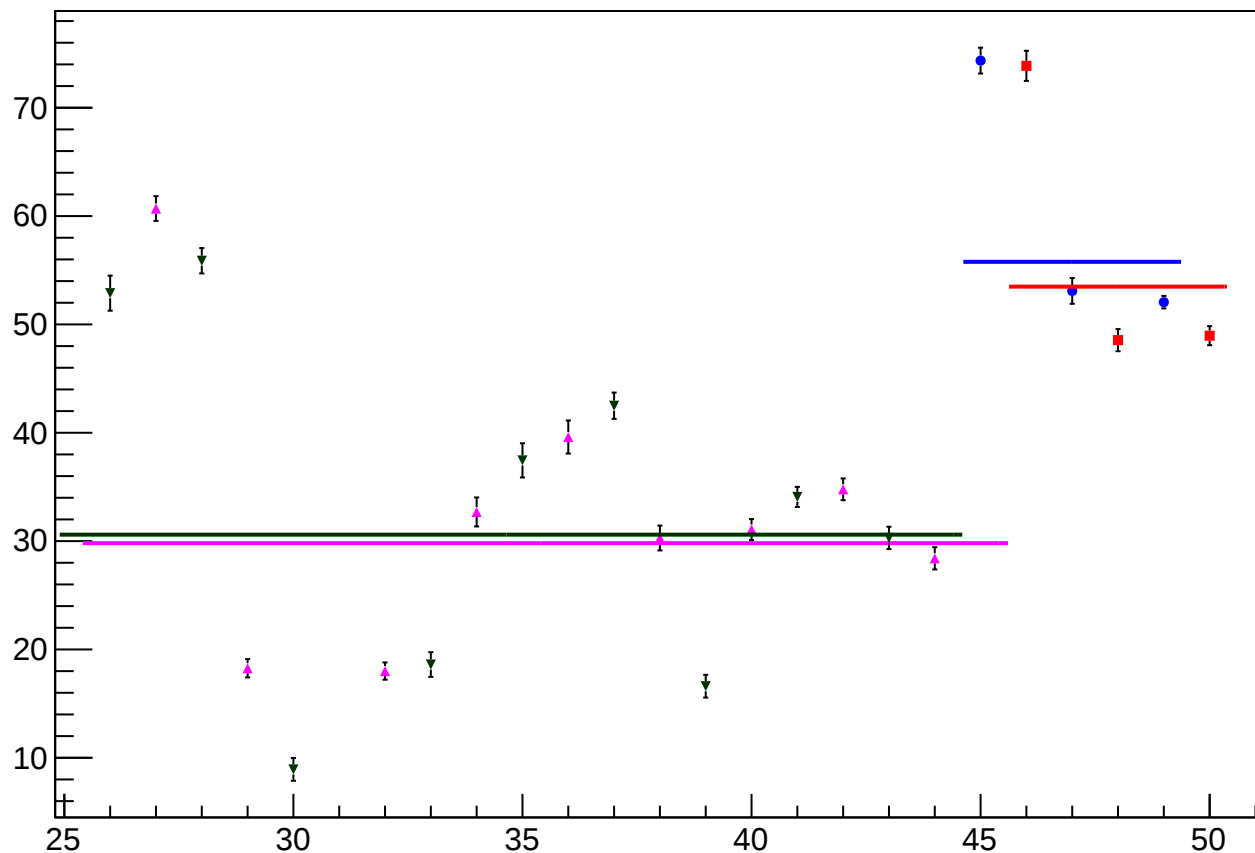
Right Out: -282.246 $\pm$ 0.272 χ^2/NDF : 44287.9/2

Left In: -297.505 $\pm$ 0.148 χ^2/NDF : 15085.1/8

-287.538 $\pm$ 0.129 χ^2/NDF : 74436.2/11

-294.008 $\pm$ 0.130 χ^2/NDF : 61796.0/11

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.778 +/- 0.477 χ^2/NDF : 289.0/2

Left Out: 30.597 +/- 0.381 χ^2/NDF : 1496.6/8

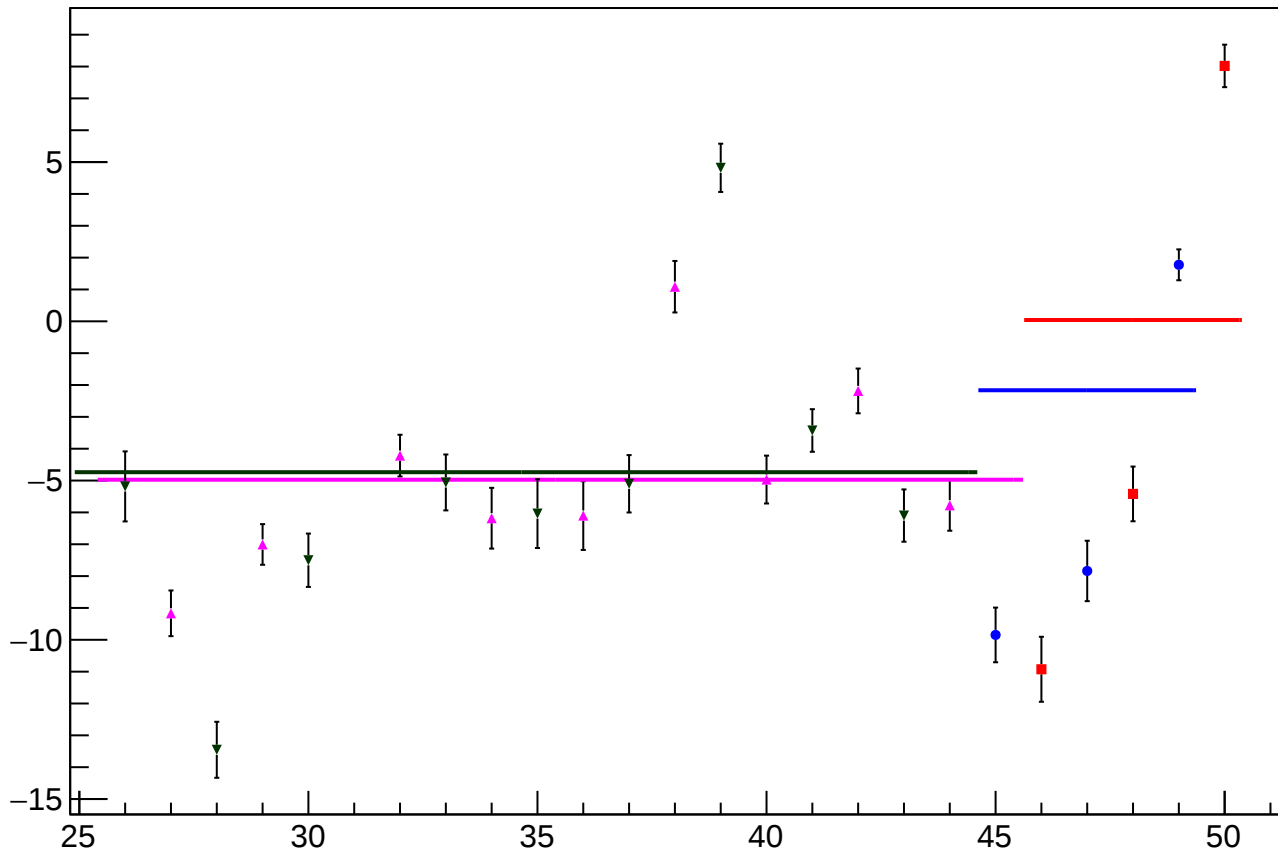
Right Out: 53.488 +/- 0.601 χ^2/NDF : 265.2/2

Left In: 29.811 +/- 0.343 χ^2/NDF : 1208.1/8

40.429 +/- 0.298 χ^2/NDF : 3487.6/11

35.634 +/- 0.298 χ^2/NDF : 2642.9/11

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

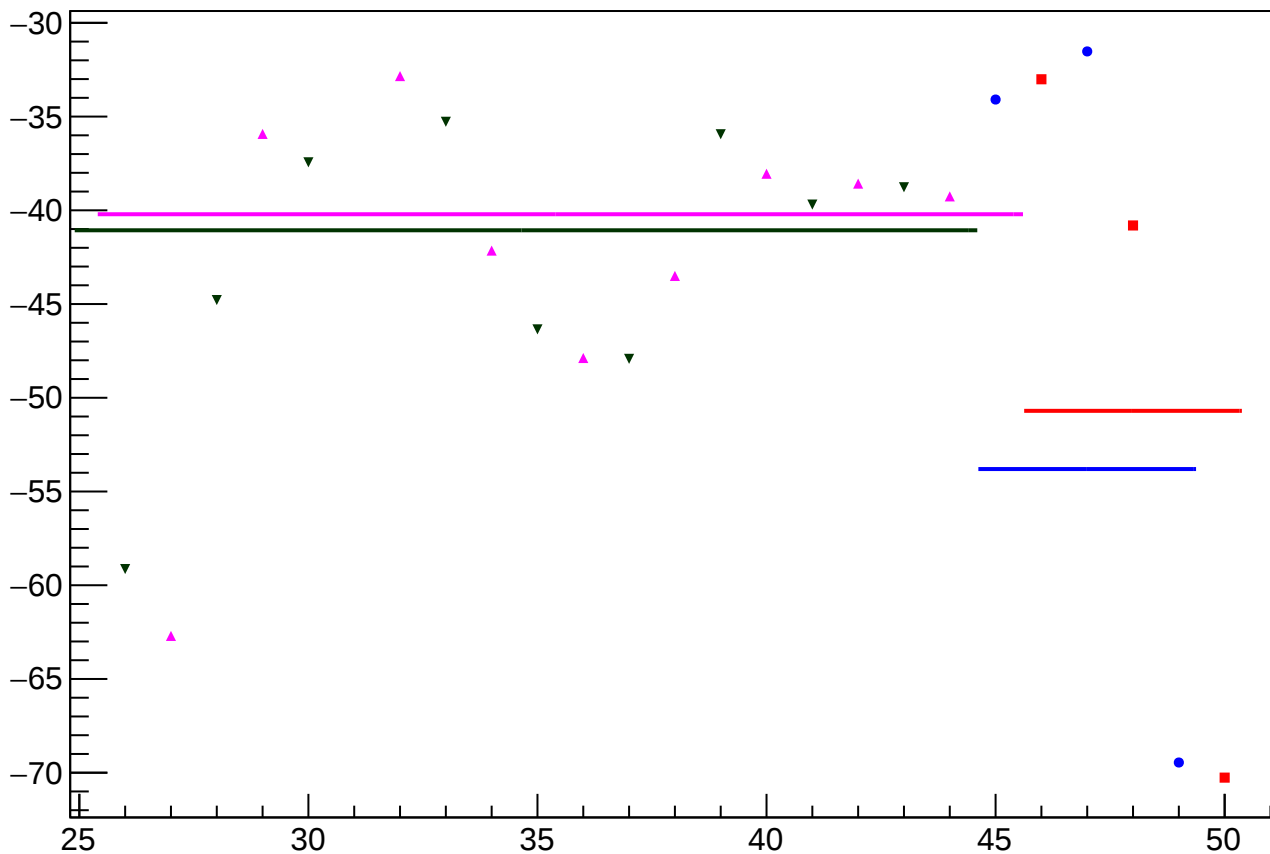
Right Out: 0.041 ± 0.468 χ^2/NDF : 298.9/2

Left In: -4.974 ± 0.253 χ^2/NDF : 121.4/8

-3.833 ± 0.229 χ^2/NDF : 487.4/11

-3.838 ± 0.223 χ^2/NDF : 509.1/11

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

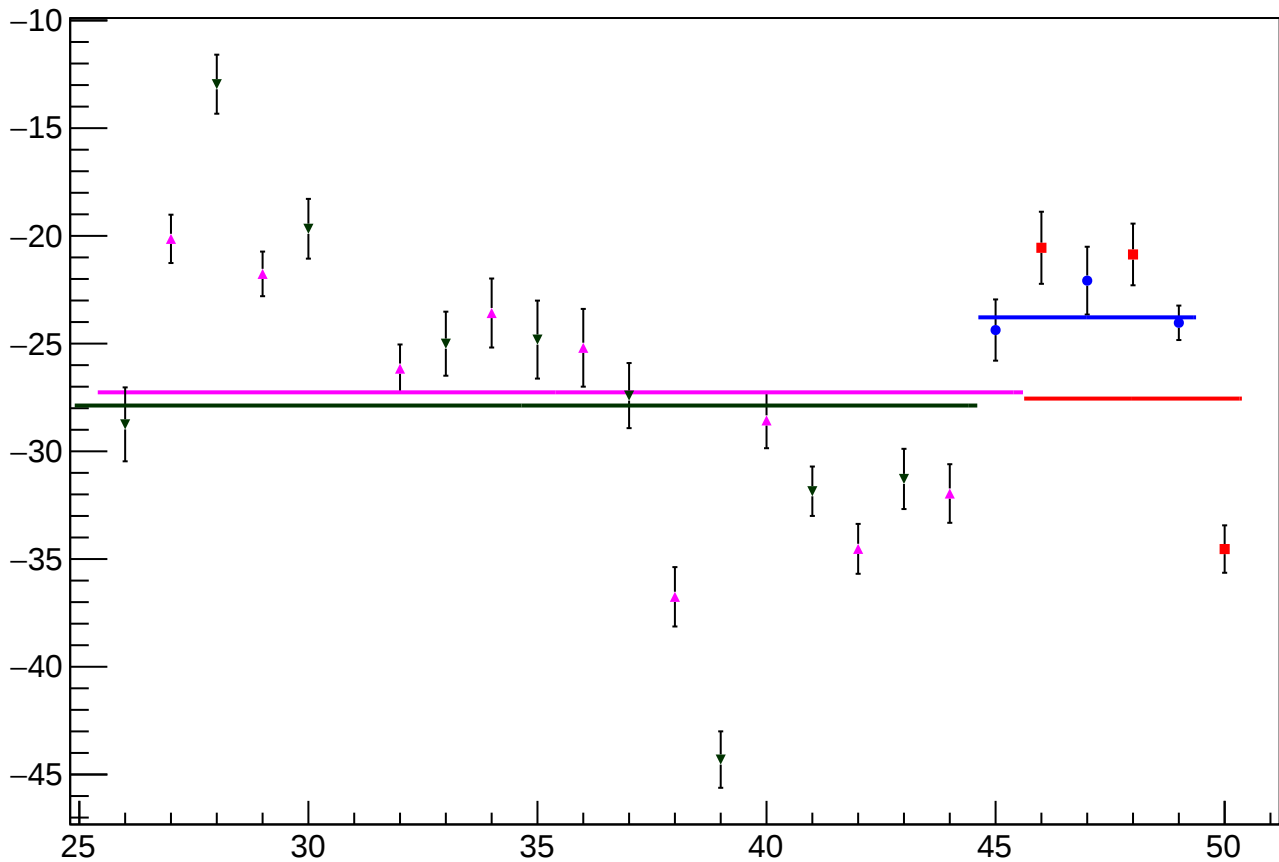
Right Out: -50.697 ± 0.108 χ^2/NDF : 23361.4/2

Left In: -40.210 ± 0.058 χ^2/NDF : 18072.5/8

-45.286 ± 0.052 χ^2/NDF : 63233.0/11

-42.601 ± 0.051 χ^2/NDF : 48770.2/11

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 $\chi^2/\text{NDF}: 335.8/8$

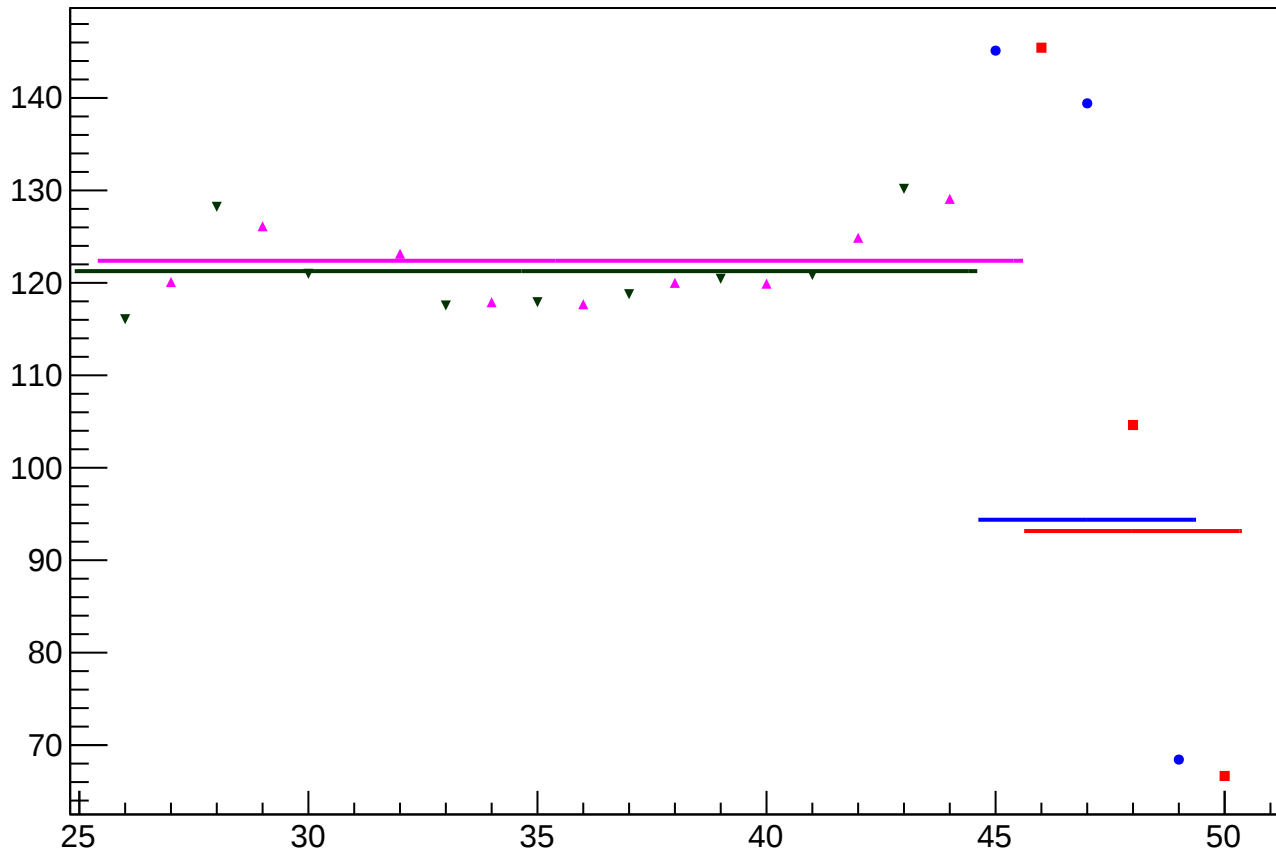
Right Out: -27.552 ± 0.774 $\chi^2/\text{NDF}: 79.6/2$

Left In: -27.262 ± 0.421 $\chi^2/\text{NDF}: 175.8/8$

-26.414 ± 0.380 $\chi^2/\text{NDF}: 363.8/11$

-27.329 ± 0.370 $\chi^2/\text{NDF}: 255.5/11$

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

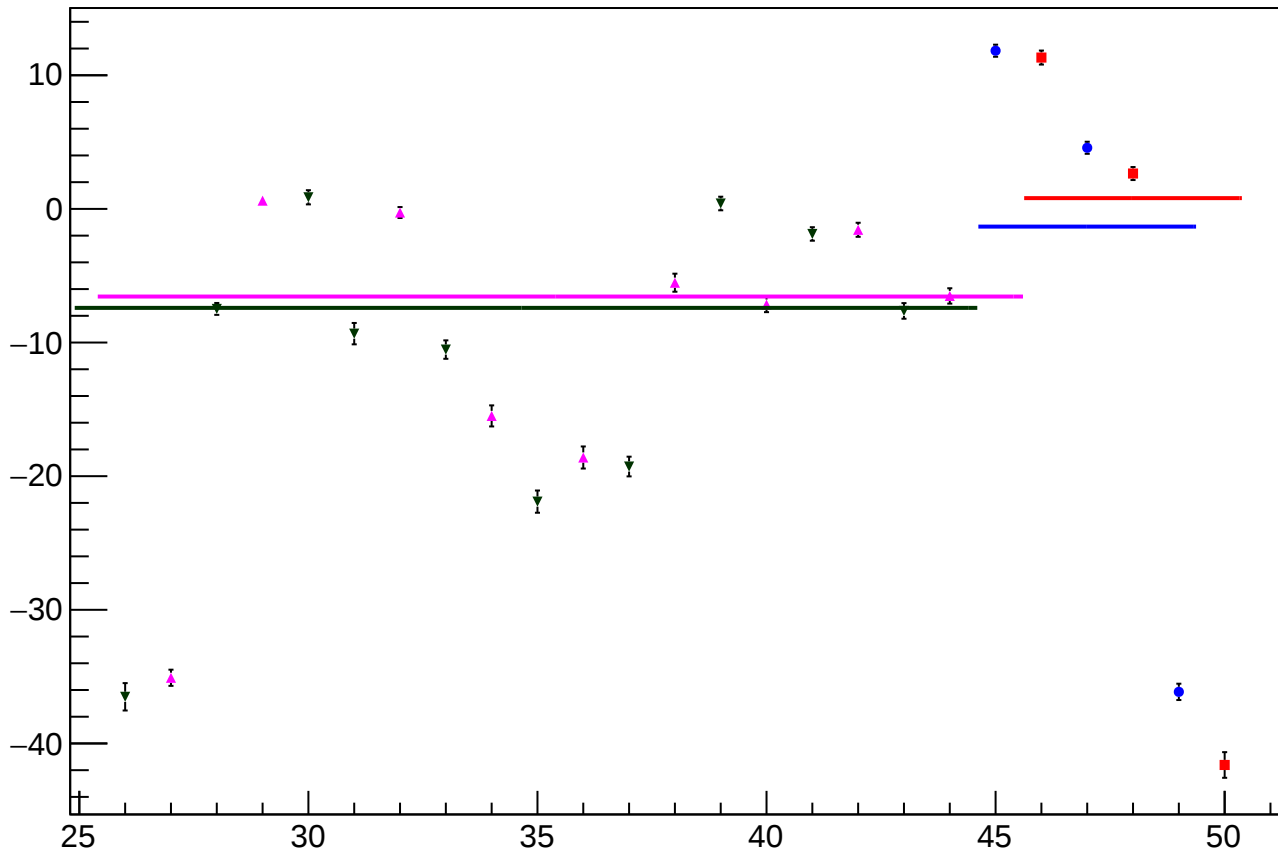
Right Out: 93.156+/-0.141 χ^2/NDF : 45269.7/2

Left In: 122.391+/-0.087 χ^2/NDF : 1757.6/8

112.341+/-0.071 χ^2/NDF : 117637.3/11

114.311+/-0.074 χ^2/NDF : 78275.8/11

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

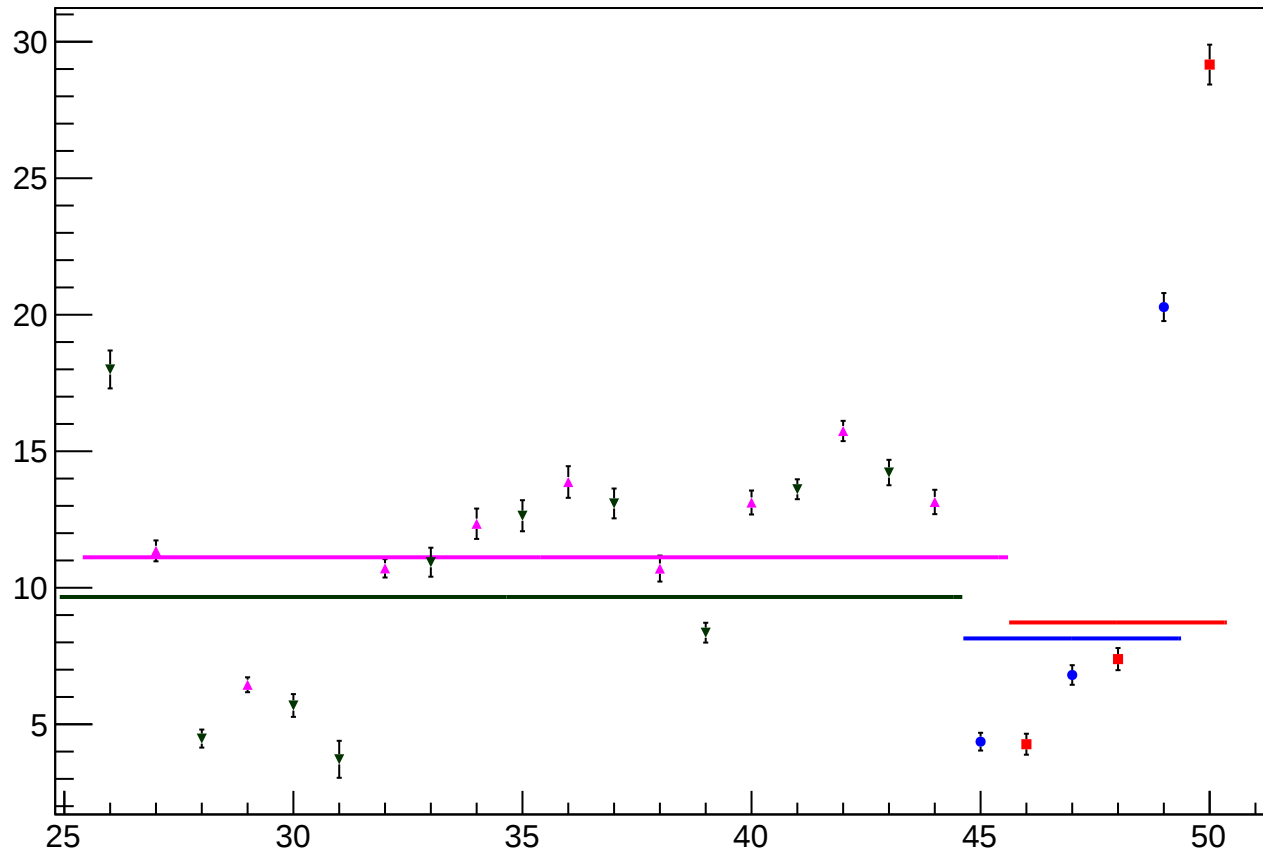
Right Out: 0.806+/-0.334 χ^2/NDF : 2370.6/2

Left In: -6.558+/-0.179 χ^2/NDF : 3282.1/8

-5.492+/-0.159 χ^2/NDF : 6582.0/12

-4.920+/-0.158 χ^2/NDF : 6029.6/11

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.144+/-0.218 χ^2/NDF : 708.7/2

Left Out: 9.662+/-0.143 χ^2/NDF : 856.3/9

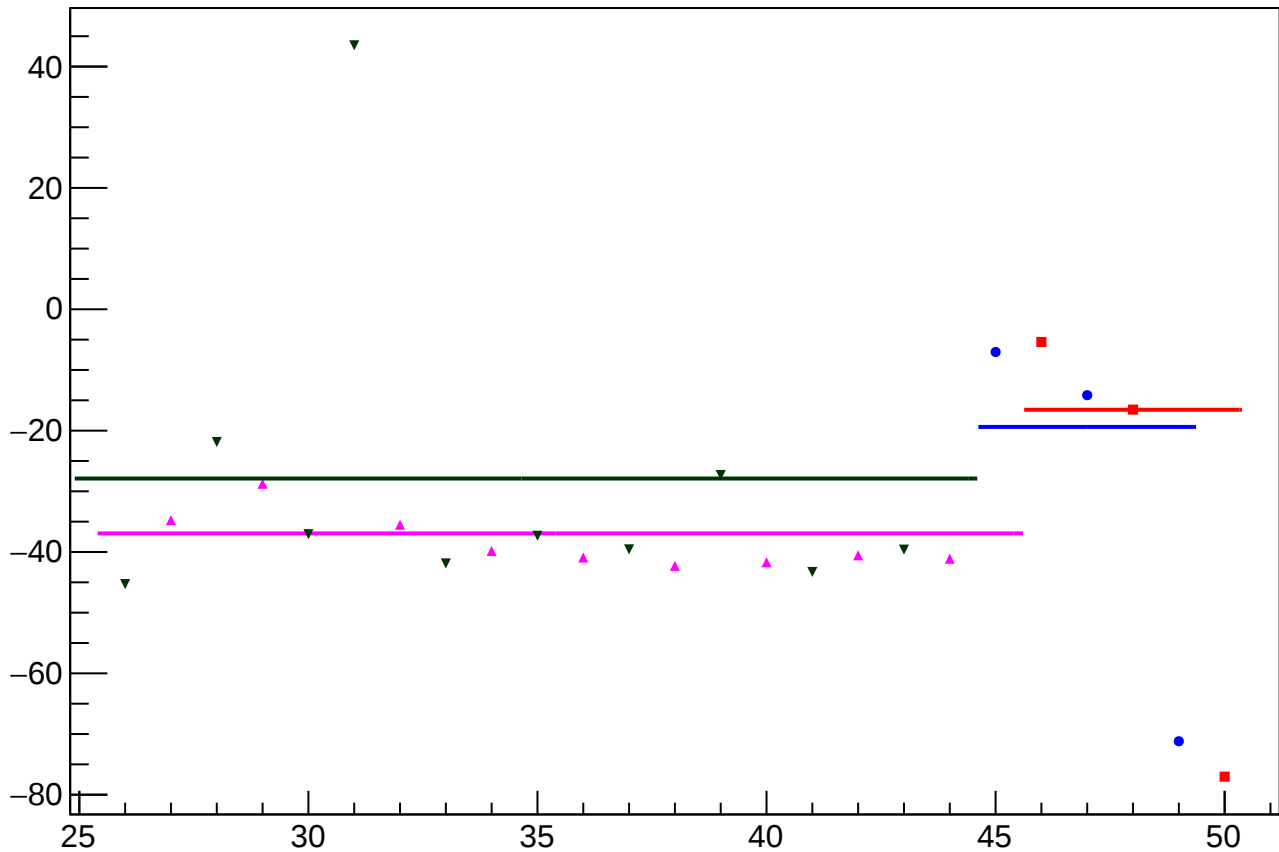
Right Out: 8.729+/-0.260 χ^2/NDF : 929.7/2

Left In: 11.116+/-0.132 χ^2/NDF : 518.9/8

9.206+/-0.120 χ^2/NDF : 1598.8/12

10.627+/-0.118 χ^2/NDF : 1515.4/11

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -19.387 $\pm$ 0.048 χ^2 /NDF: 204409.8/2

Left Out: -27.892 $\pm$ 0.032 χ^2 /NDF: 549678.9/9

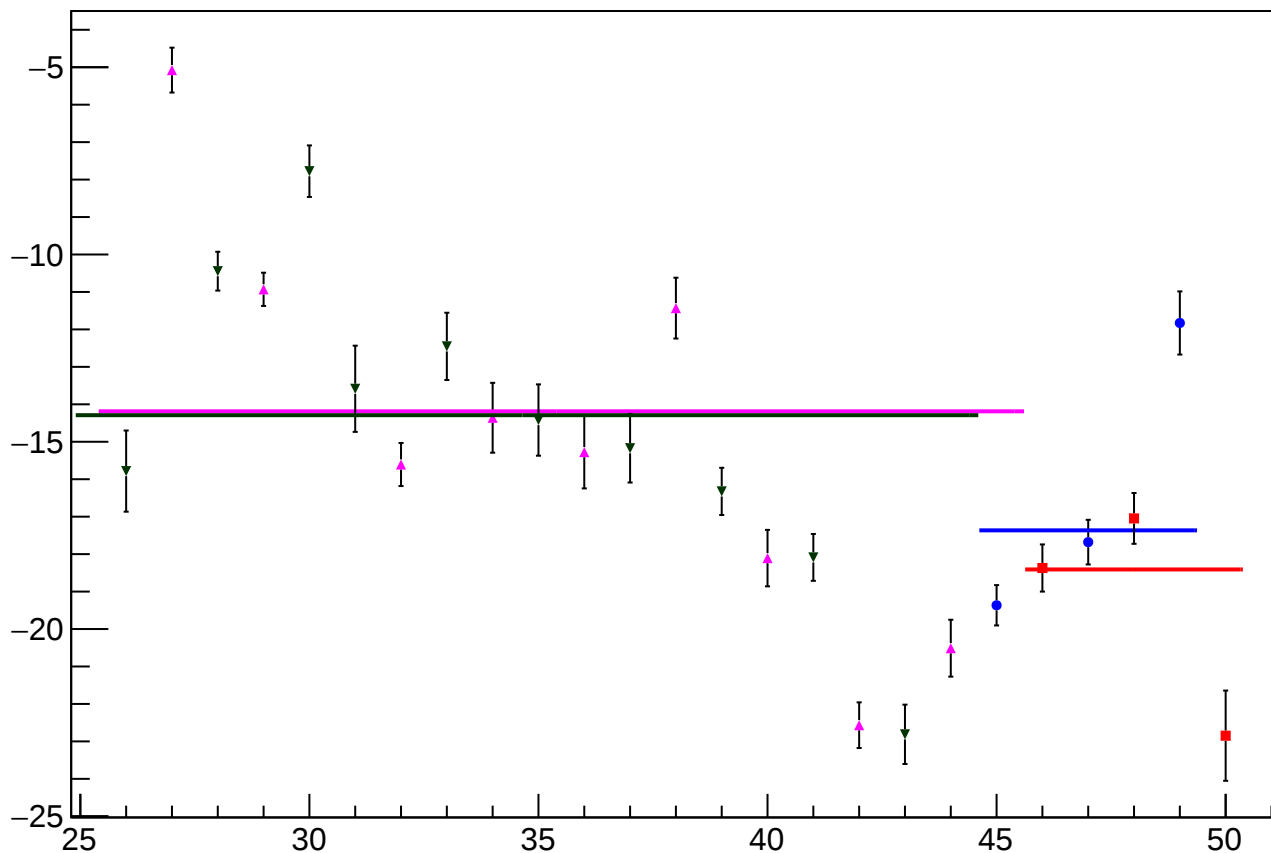
Right Out: -16.556 $\pm$ 0.056 χ^2 /NDF: 127973.4/2

Left In: -36.937 $\pm$ 0.031 χ^2 /NDF: 23653.1/8

-25.320 $\pm$ 0.027 χ^2 /NDF: 775795.0/12

-32.172 $\pm$ 0.027 χ^2 /NDF: 254175.0/11

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

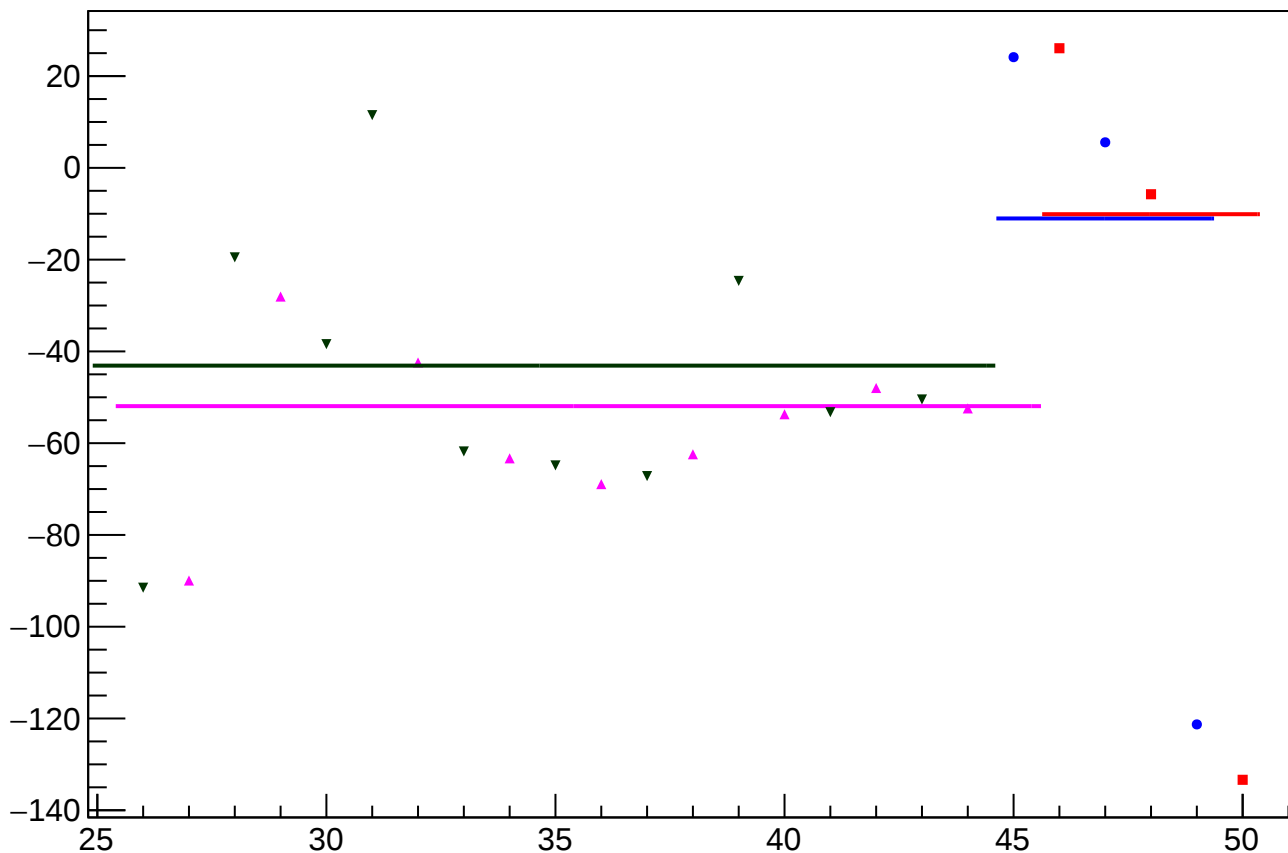
Right Out: -18.409 ± 0.431 χ^2/NDF : 17.6/2

Left In: -14.187 ± 0.219 χ^2/NDF : 589.2/8

-15.223 ± 0.199 χ^2/NDF : 422.6/12

-15.056 ± 0.195 χ^2/NDF : 683.1/11

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -11.027 $\pm$ 0.071 χ^2 /NDF: 598548.3/2

Left Out: -43.100 $\pm$ 0.044 χ^2 /NDF: 296352.7/9

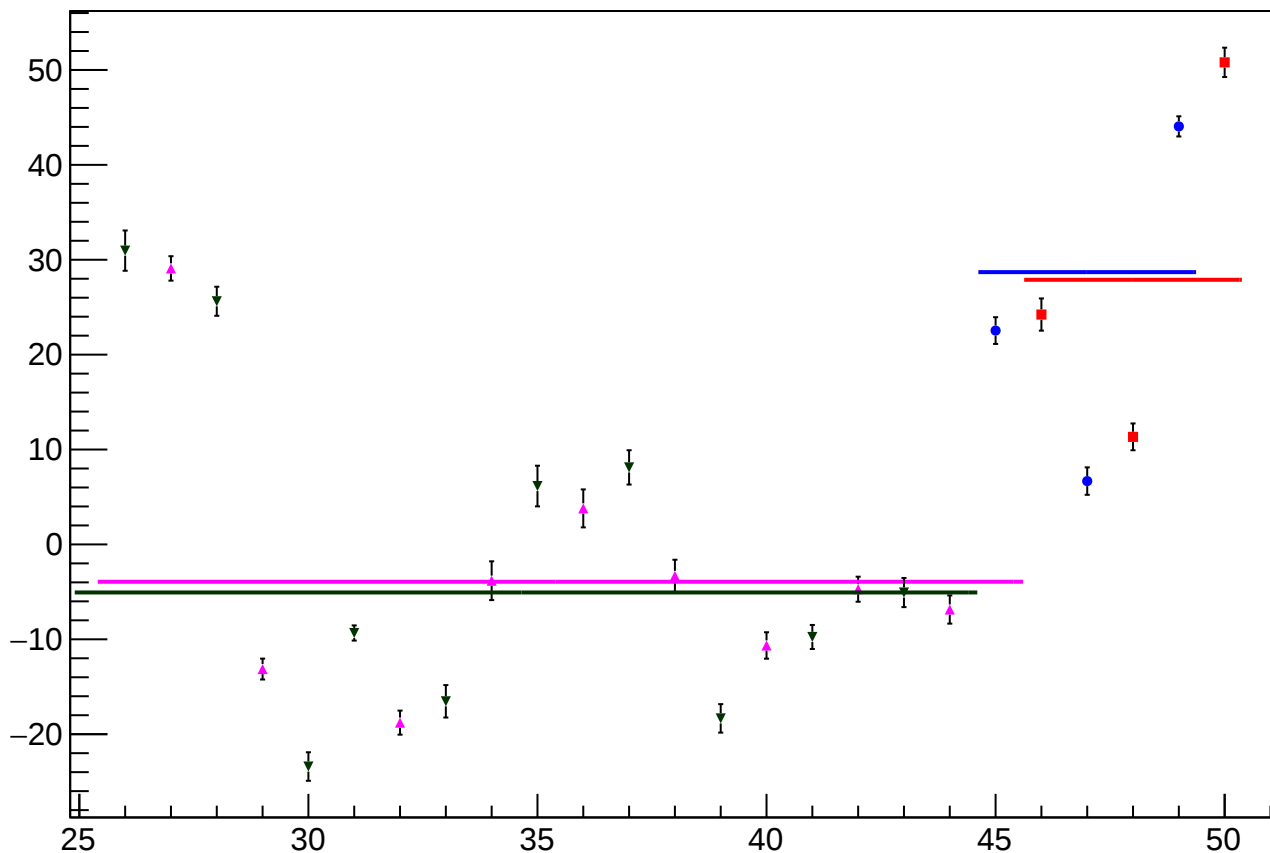
Right Out: -10.097 $\pm$ 0.083 χ^2 /NDF: 410120.1/2

Left In: -51.929 $\pm$ 0.046 χ^2 /NDF: 149071.1/8

-34.127 $\pm$ 0.037 χ^2 /NDF: 1043410.2/12

-42.210 $\pm$ 0.040 χ^2 /NDF: 753870.0/11

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

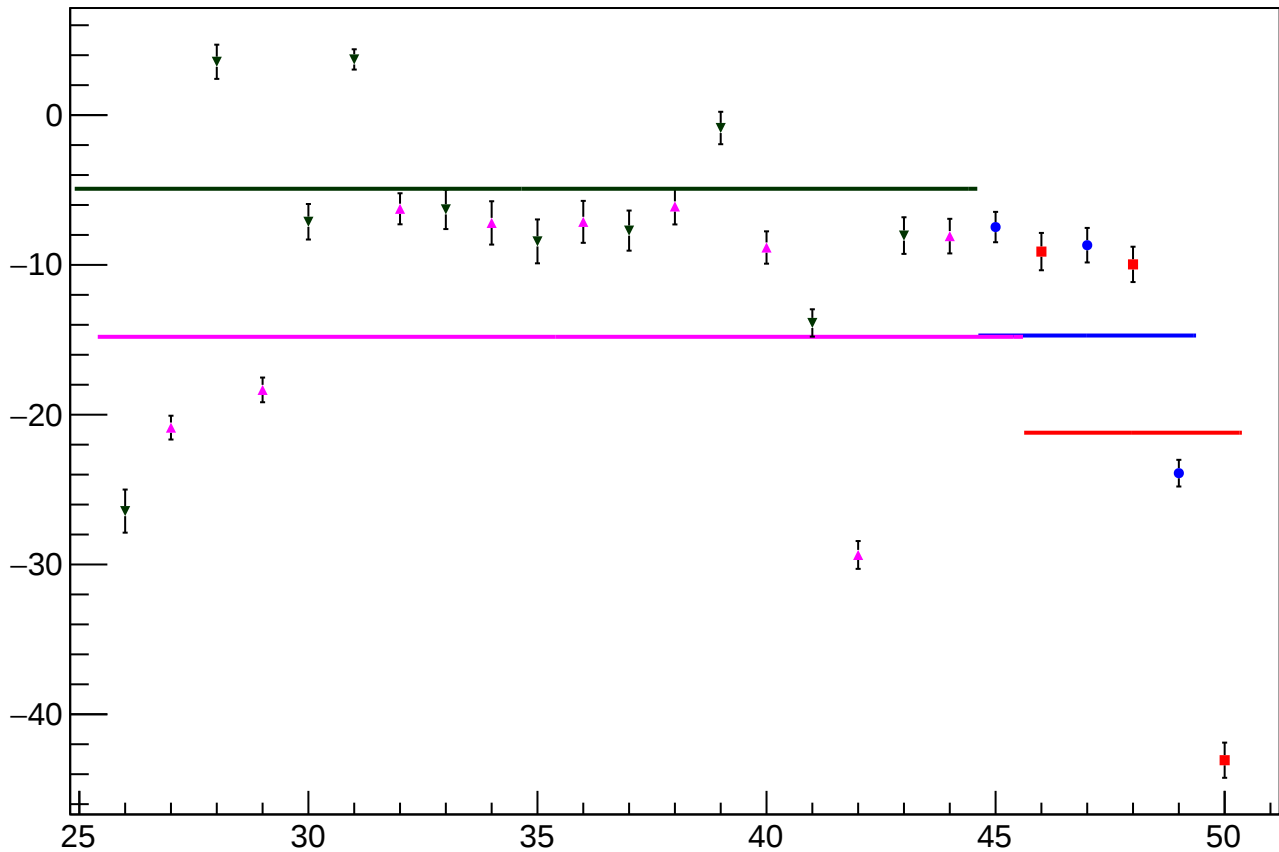
Right Out: 27.889 ± 0.889 χ^2/NDF : 361.1/2

Left In: -3.935 ± 0.475 χ^2/NDF : 906.7/8

4.104 ± 0.381 χ^2/NDF : 3095.0/12

3.142 ± 0.419 χ^2/NDF : 2264.3/11

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 $\chi^2/\text{NDF}: 572.7/9$

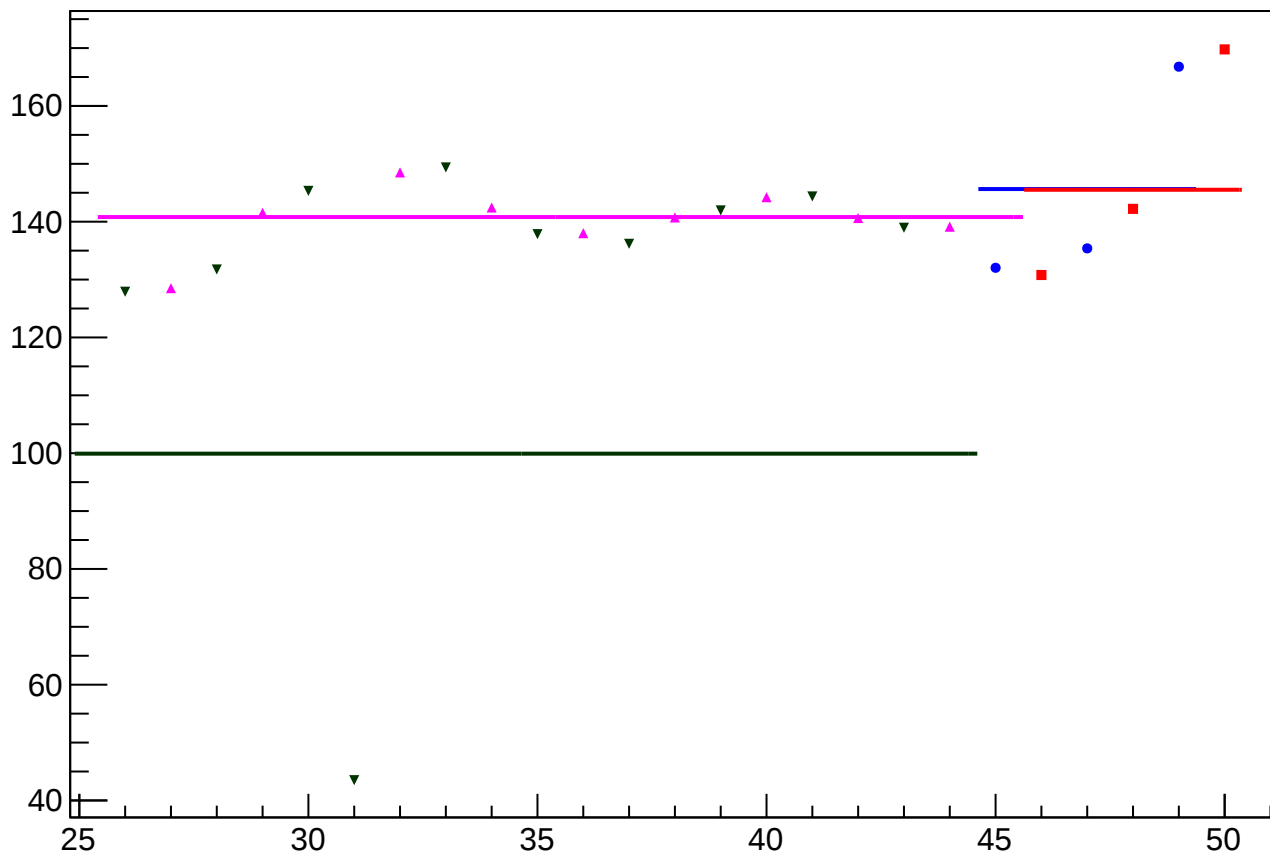
Right Out: -21.202 ± 0.692 $\chi^2/\text{NDF}: 531.6/2$

Left In: -14.801 ± 0.344 $\chi^2/\text{NDF}: 564.9/8$

-7.472 ± 0.296 $\chi^2/\text{NDF}: 969.3/12$

-16.071 ± 0.308 $\chi^2/\text{NDF}: 1165.1/11$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 145.641 ± 0.132 $\chi^2/\text{NDF}: 14828.5/2$

Left Out: 99.920 ± 0.069 $\chi^2/\text{NDF}: 483835.4/9$

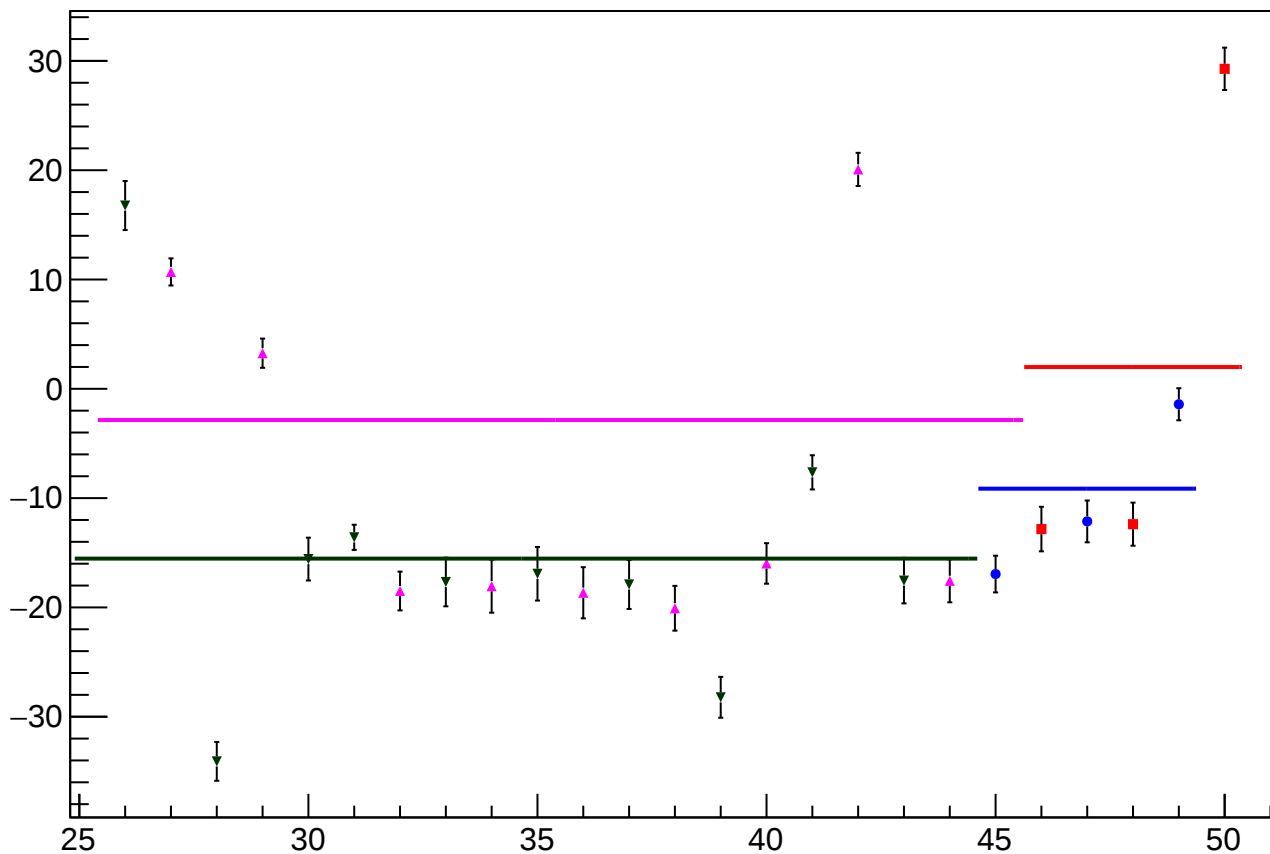
Right Out: 145.519 ± 0.154 $\chi^2/\text{NDF}: 10143.3/2$

Left In: 140.804 ± 0.082 $\chi^2/\text{NDF}: 4715.7/8$

109.772 ± 0.061 $\chi^2/\text{NDF}: 593362.2/12$

141.845 ± 0.072 $\chi^2/\text{NDF}: 15586.6/11$

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -9.135 ± 0.956 $\chi^2/\text{NDF}: 51.9/2$

Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$

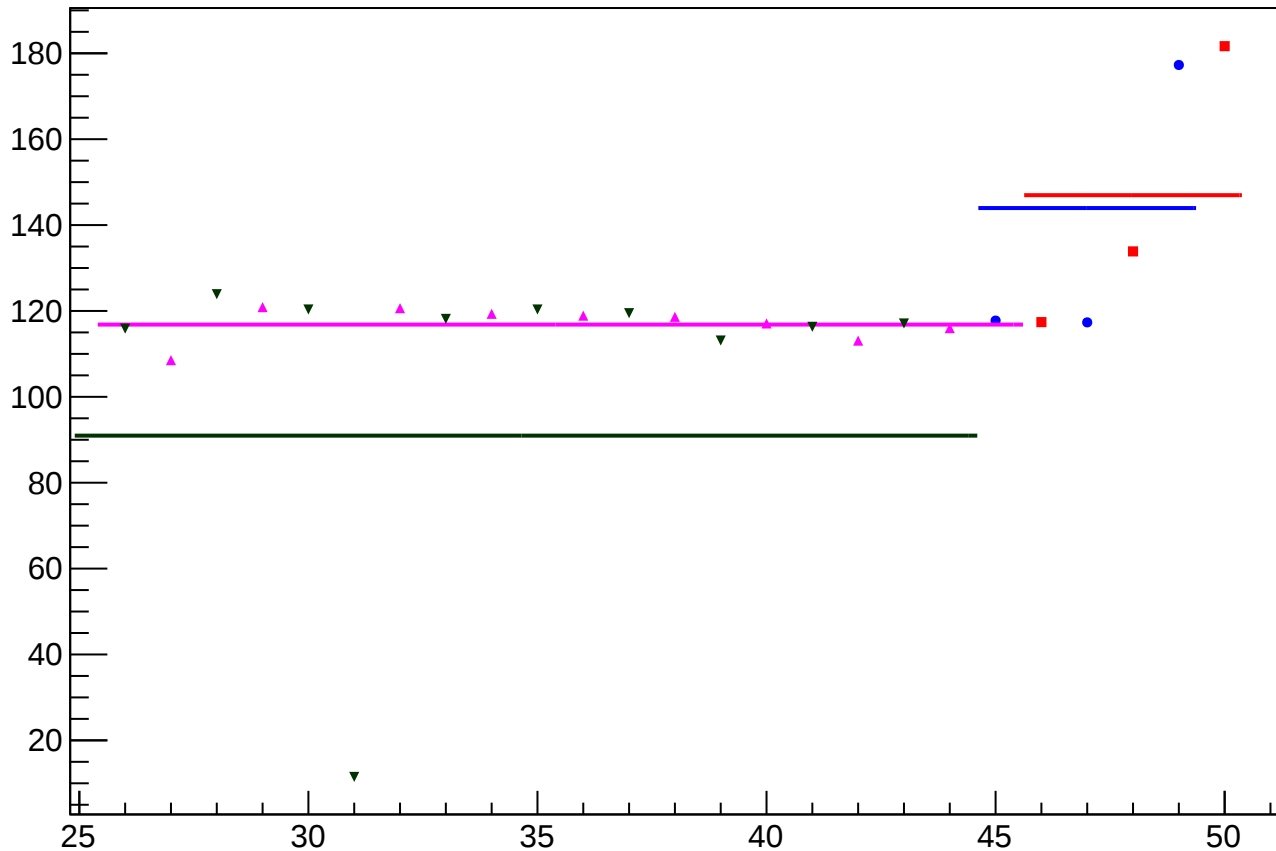
Right Out: 1.994 ± 1.143 $\chi^2/\text{NDF}: 304.5/2$

Left In: -2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-13.834 ± 0.493 $\chi^2/\text{NDF}: 478.6/12$

-1.896 ± 0.509 $\chi^2/\text{NDF}: 1026.4/11$

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

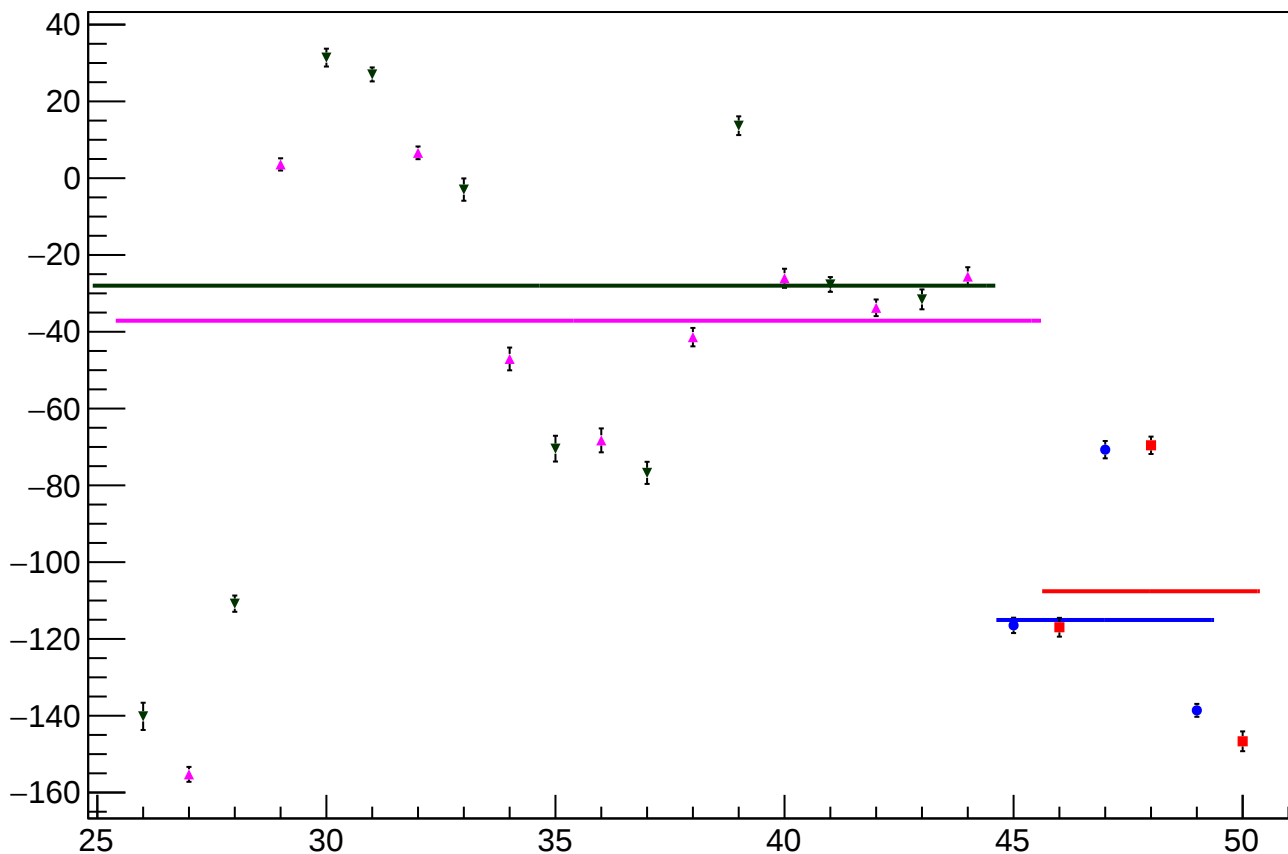
Right Out: 146.961 $\pm$ 0.213 χ^2 /NDF: 16593.8/2

Left In: 116.827 $\pm$ 0.120 χ^2 /NDF:1139.4/8

103.785 $\pm$ 0.091 χ^2 /NDF: 287106.6/12

124.041 $\pm$ 0.104 χ^2 /NDF: 32888.8/11

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -115.062 $\pm$ 1.118 χ^2 /NDF: 581.8/2

Left Out: -27.991 $\pm$ 0.766 χ^2 /NDF:4906.9/9

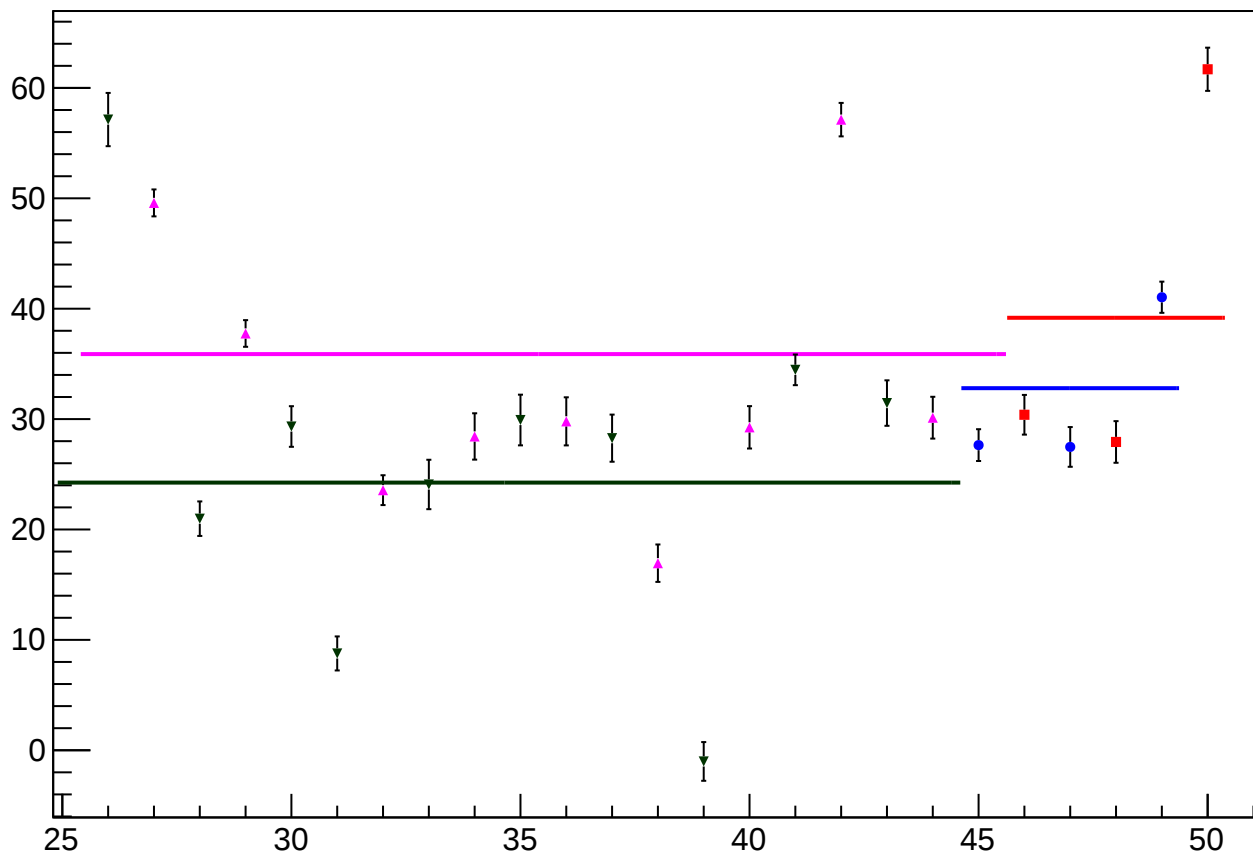
Right Out: -107.581 $\pm$ 1.397 χ^2 /NDF: 527.0/2

Left In: -37.121 $\pm$ 0.714 χ^2 /NDF:5219.8/8

-55.811 $\pm$ 0.632 χ^2 /NDF: 9613.0/12

-51.732 $\pm$ 0.636 χ^2 /NDF: 7764.3/11

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

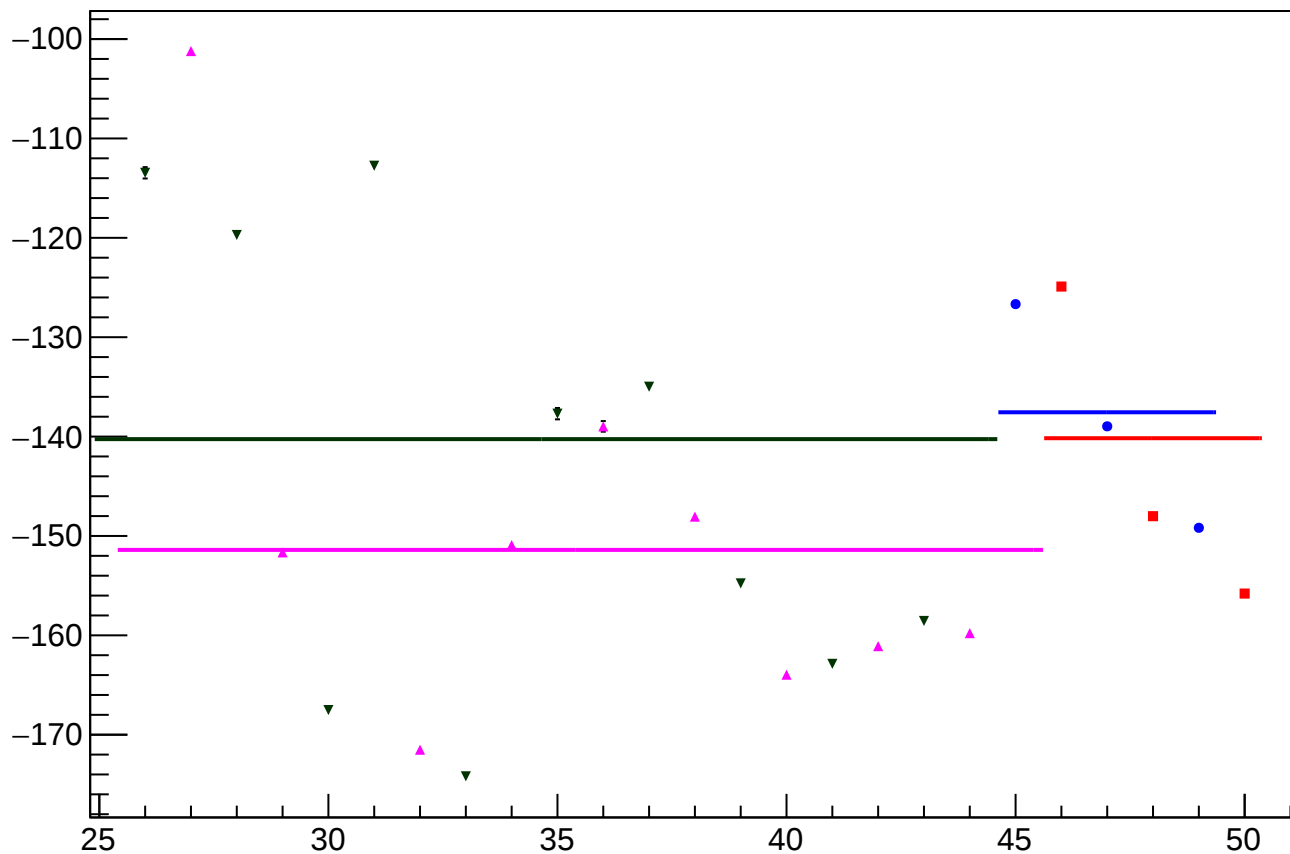
Right Out: 39.178+/-1.084 χ^2 /NDF: 191.8/2

Left In: 35.888+/-0.522 χ^2 /NDF: 574.5/8

26.832+/-0.484 χ^2 /NDF: 703.5/12

36.507+/-0.470 χ^2 /NDF: 773.8/11

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

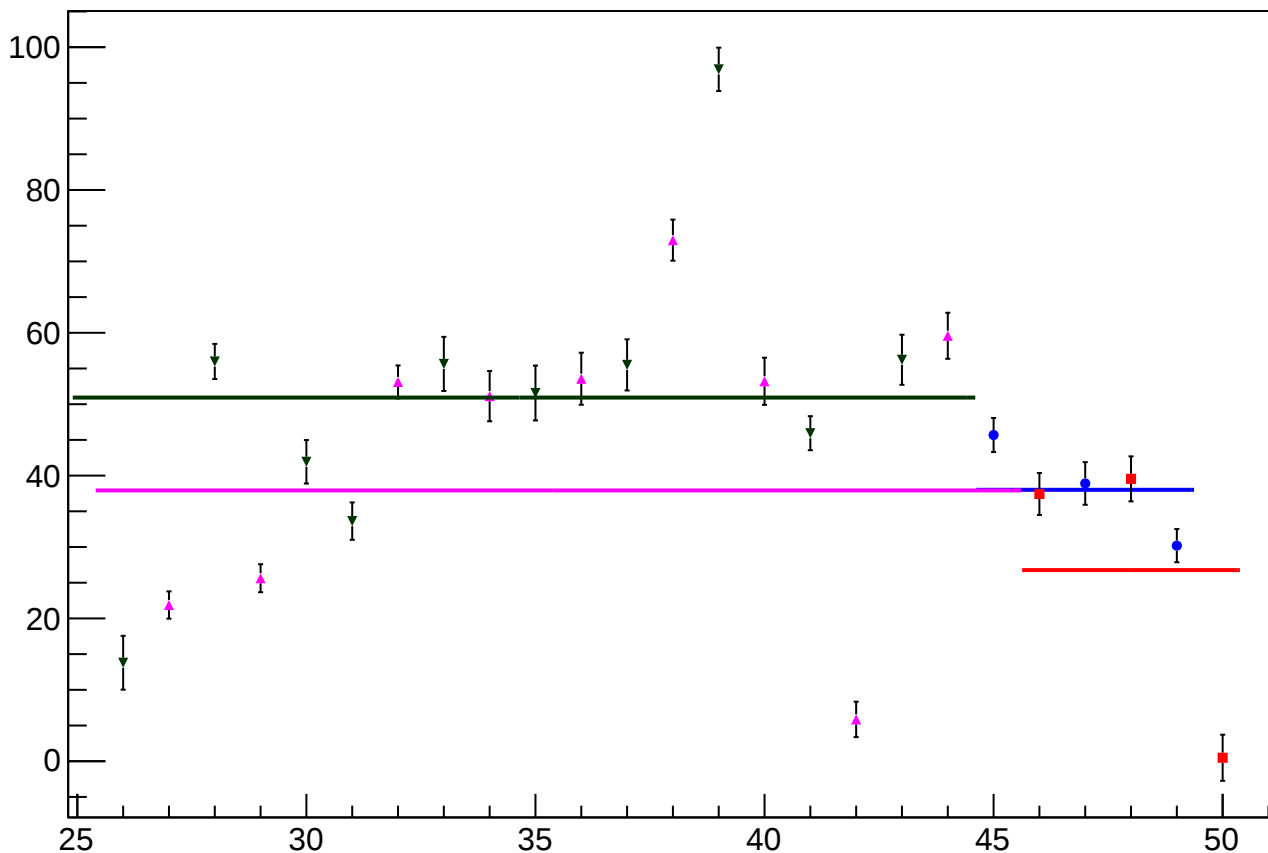
Right Out: -140.164+/-0.239 χ^2/NDF : 3071.2/2

Left In: -151.403+/-0.122 χ^2/NDF : 30317.9/8

-139.519+/-0.104 χ^2/NDF : 38819.6/12

-149.086+/-0.109 χ^2/NDF : 35137.3/11

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 38.012 $\pm$ 1.453 χ^2 /NDF: 21.8/2

Left Out: 50.929 $\pm$ 0.966 χ^2 /NDF:393.0/9

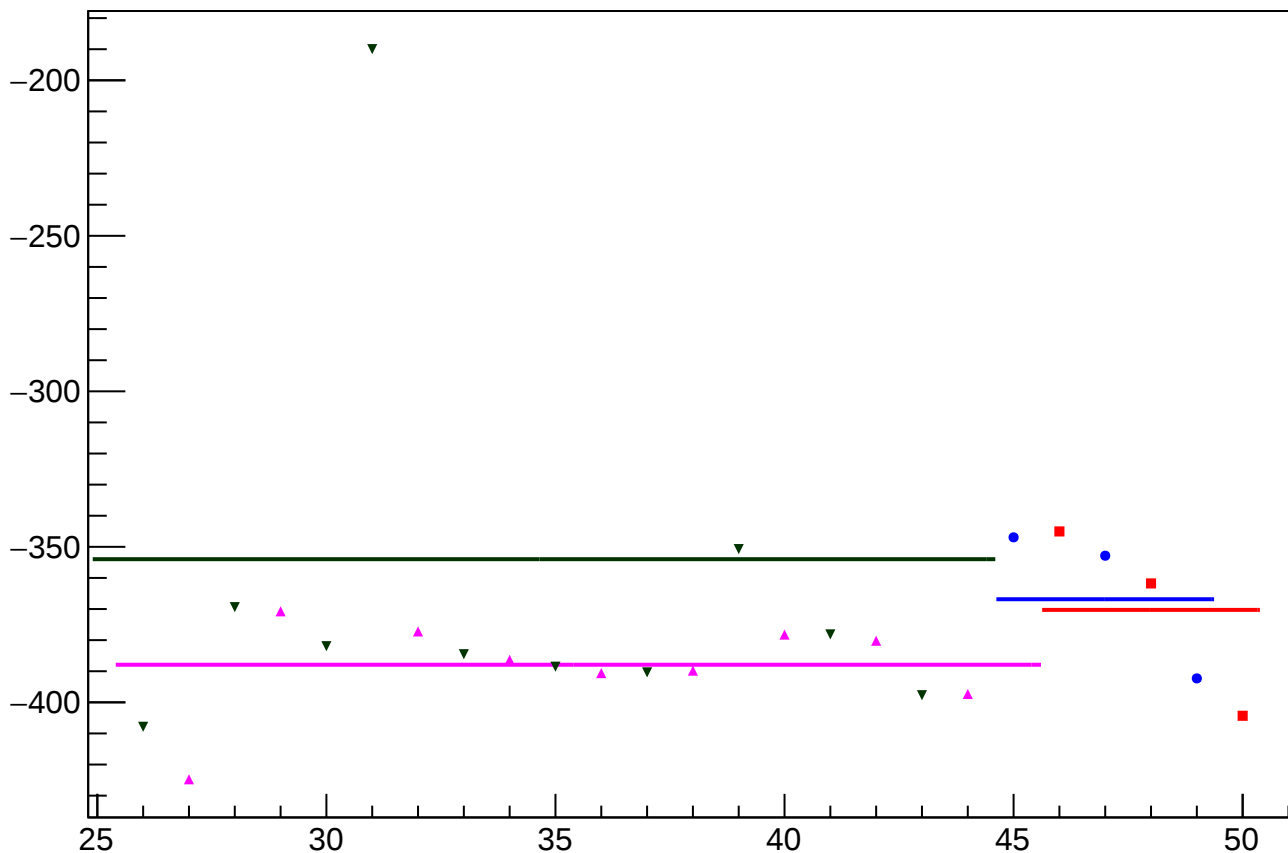
Right Out: 26.768 $\pm$ 1.789 χ^2 /NDF: 95.9/2

Left In: 37.924 $\pm$ 0.861 χ^2 /NDF:567.9/8

46.969 $\pm$ 0.805 χ^2 /NDF: 469.6/12

35.826 $\pm$ 0.776 χ^2 /NDF: 695.3/11

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

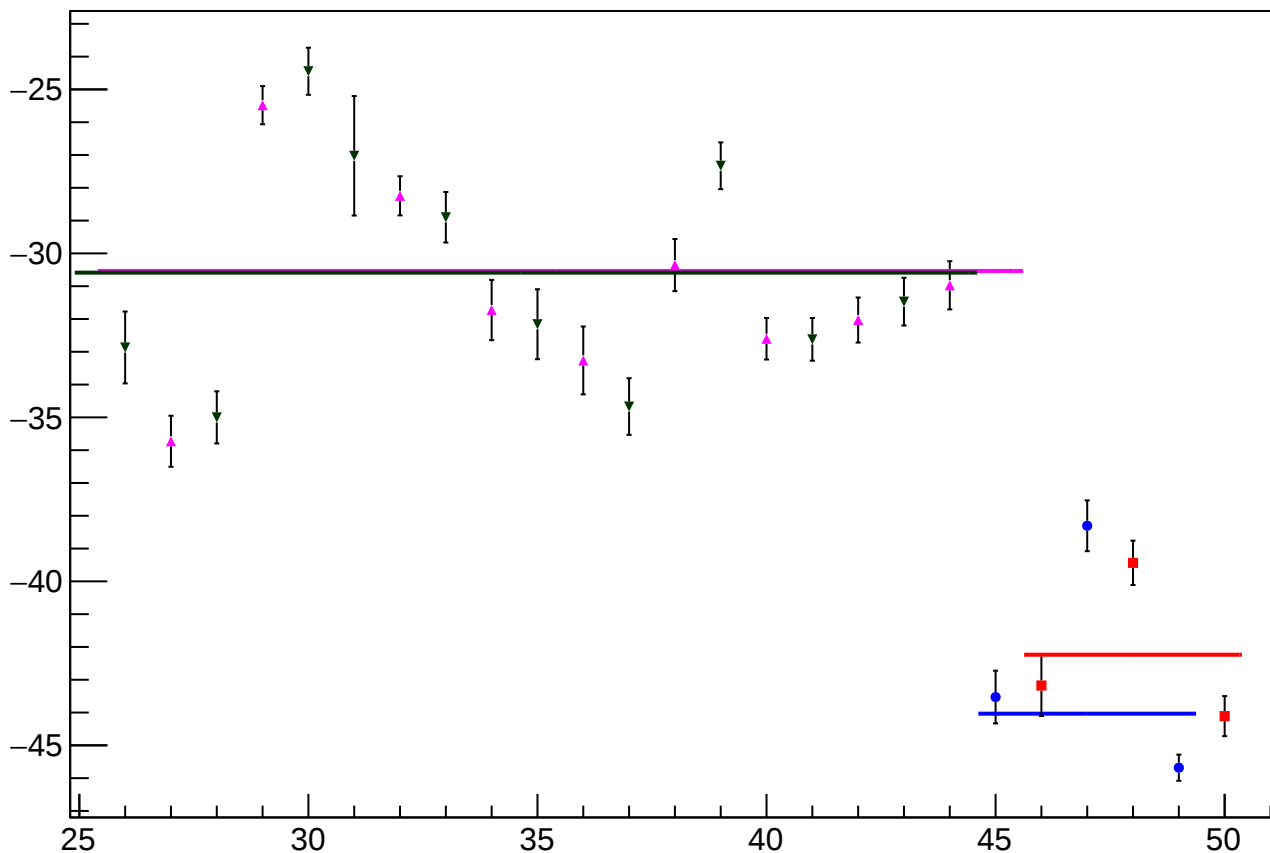
Right Out: -370.277+/-0.337 χ^2/NDF : 5523.6/2

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-357.652+/-0.151 χ^2/NDF : 155589.5/12

-383.907+/-0.160 χ^2/NDF : 15954.6/11

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

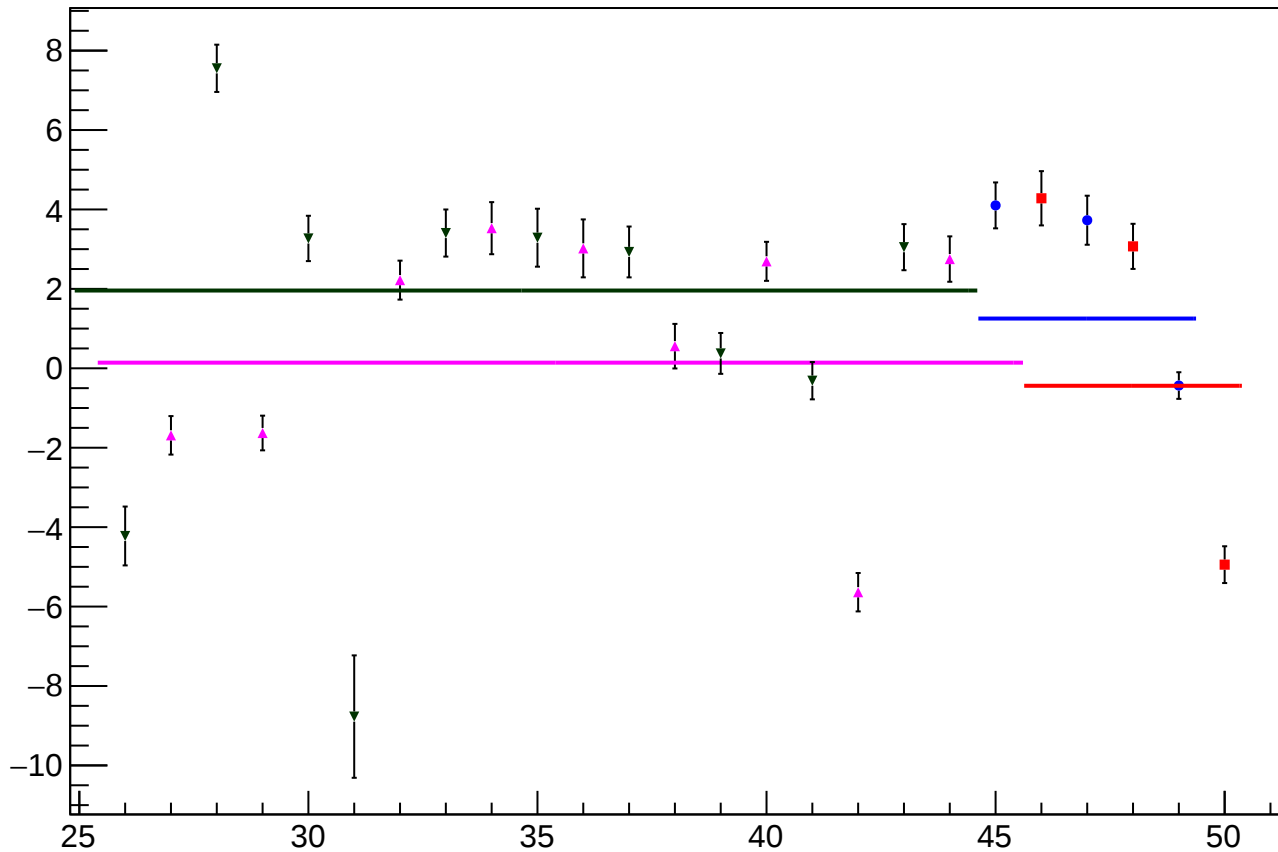
Right Out: -42.237 $\pm$ 0.408 χ^2 /NDF: 27.5/2

Left In: -30.535 $\pm$ 0.239 χ^2 /NDF:159.3/8

-35.847 $\pm$ 0.203 χ^2 /NDF: 1290.6/12

-33.520 $\pm$ 0.206 χ^2 /NDF: 800.7/11

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.253 ± 0.262 χ^2/NDF : 65.7/2

Left Out: 1.958 ± 0.194 χ^2/NDF : 259.6/9

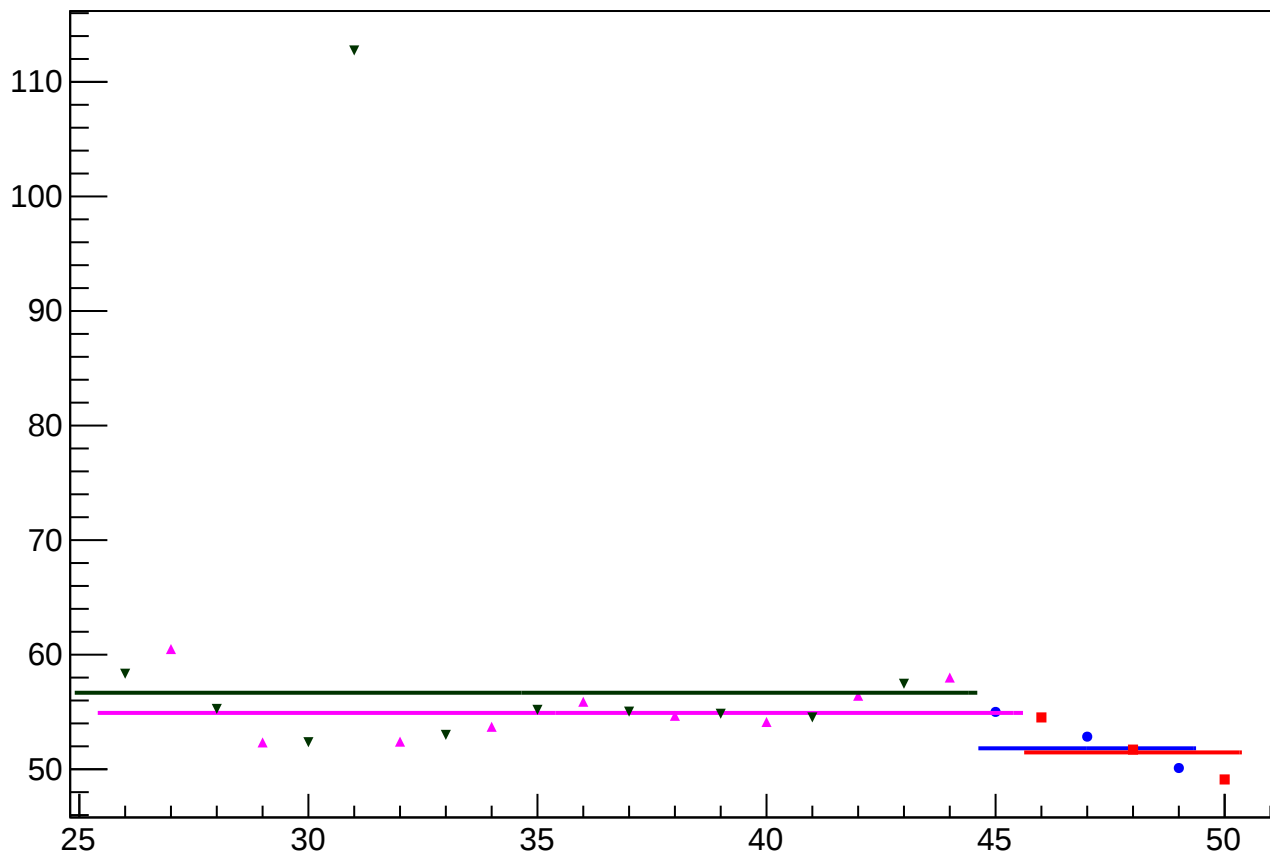
Right Out: -0.440 ± 0.318 χ^2/NDF : 180.5/2

Left In: 0.142 ± 0.175 χ^2/NDF : 282.1/8

1.709 ± 0.156 χ^2/NDF : 329.9/12

0.006 ± 0.154 χ^2/NDF : 465.2/11

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

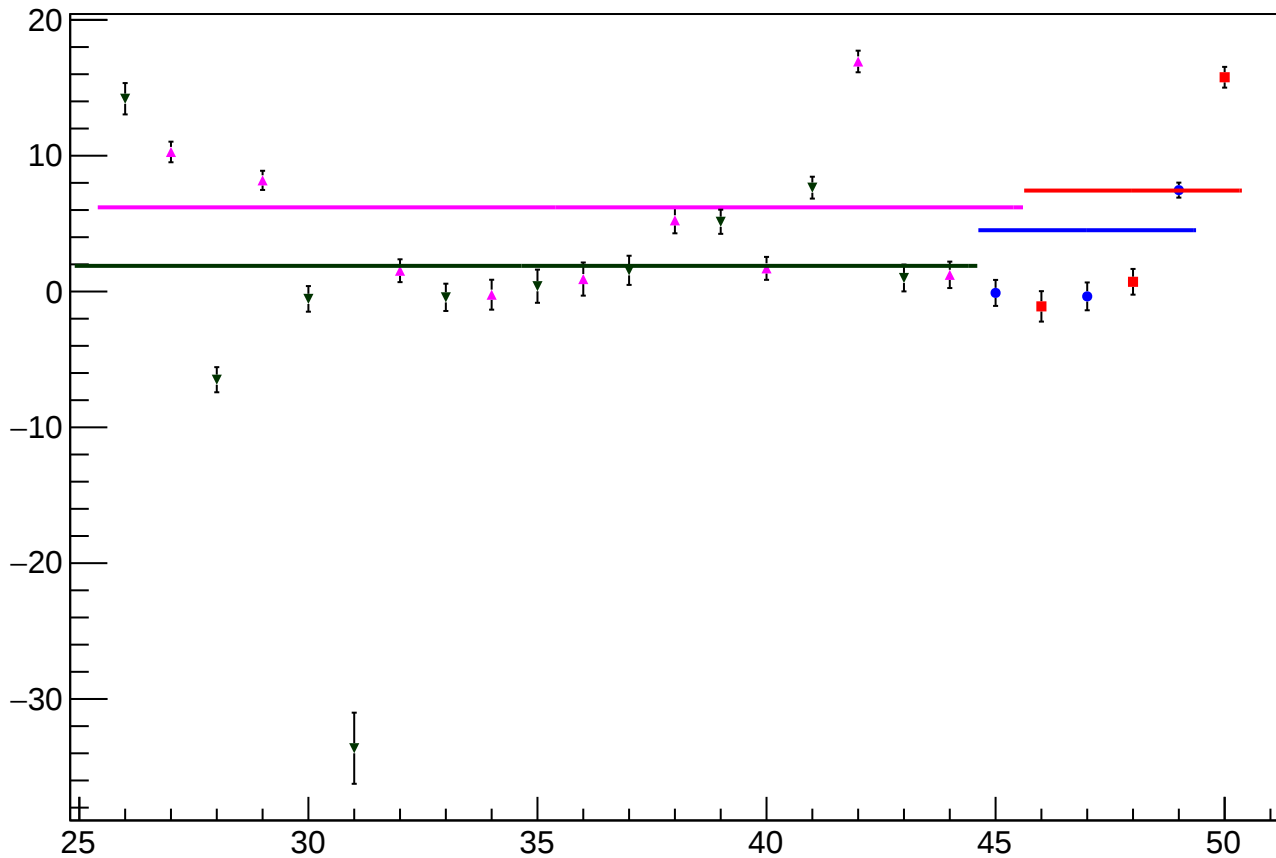
Right Out: 51.468 ± 0.073 χ^2/NDF : 884.6/2

Left In: 54.917 ± 0.041 χ^2/NDF : 3795.7/8

55.062 ± 0.035 χ^2/NDF : 61649.4/12

54.090 ± 0.036 χ^2/NDF : 6389.5/11

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

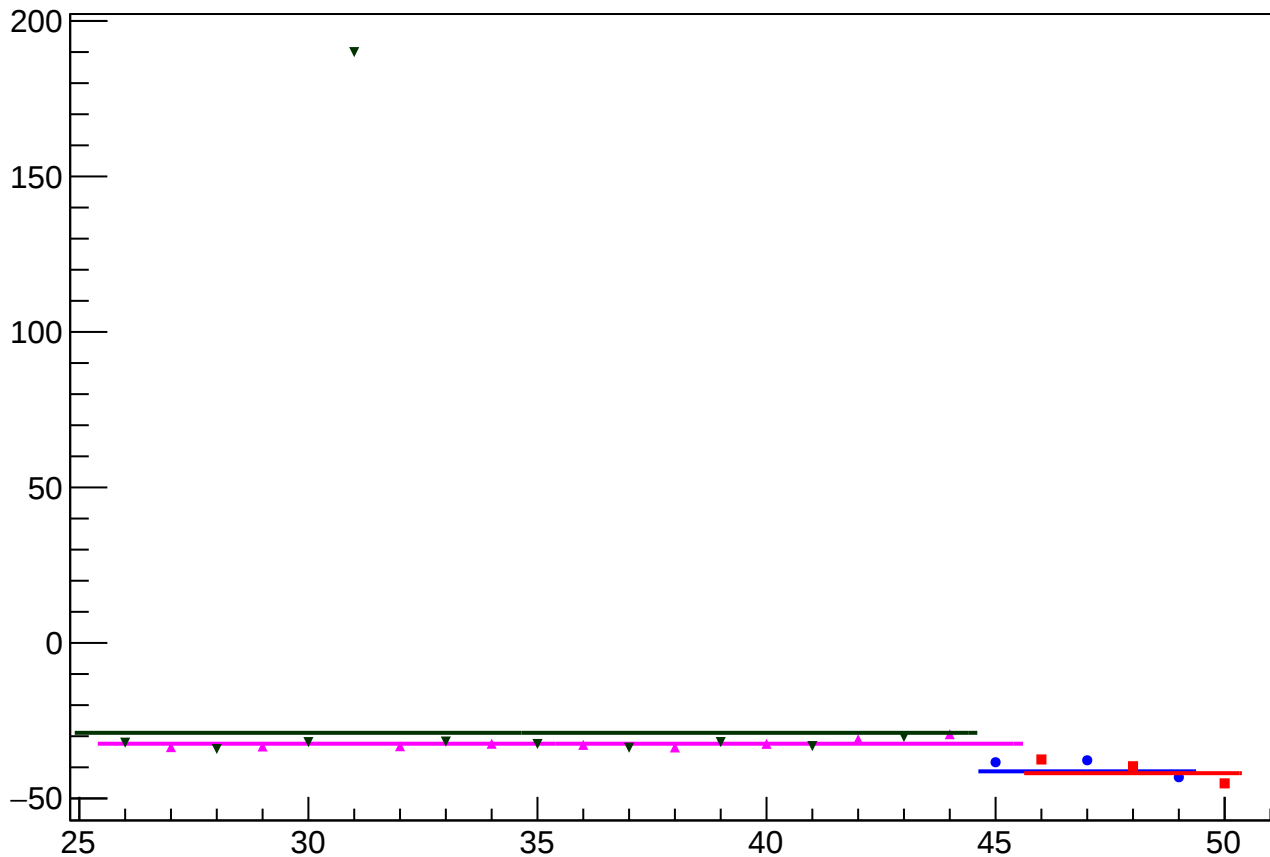
Right Out: 7.434 ± 0.525 χ^2/NDF : 227.4/2

Left In: 6.198 ± 0.291 χ^2/NDF : 358.2/8

2.829 ± 0.259 χ^2/NDF : 556.5/12

6.488 ± 0.255 χ^2/NDF : 589.8/11

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.290+/-0.084 χ^2/NDF : 883.0/2

Left Out: -28.904+/-0.059 χ^2/NDF :220574.6/9

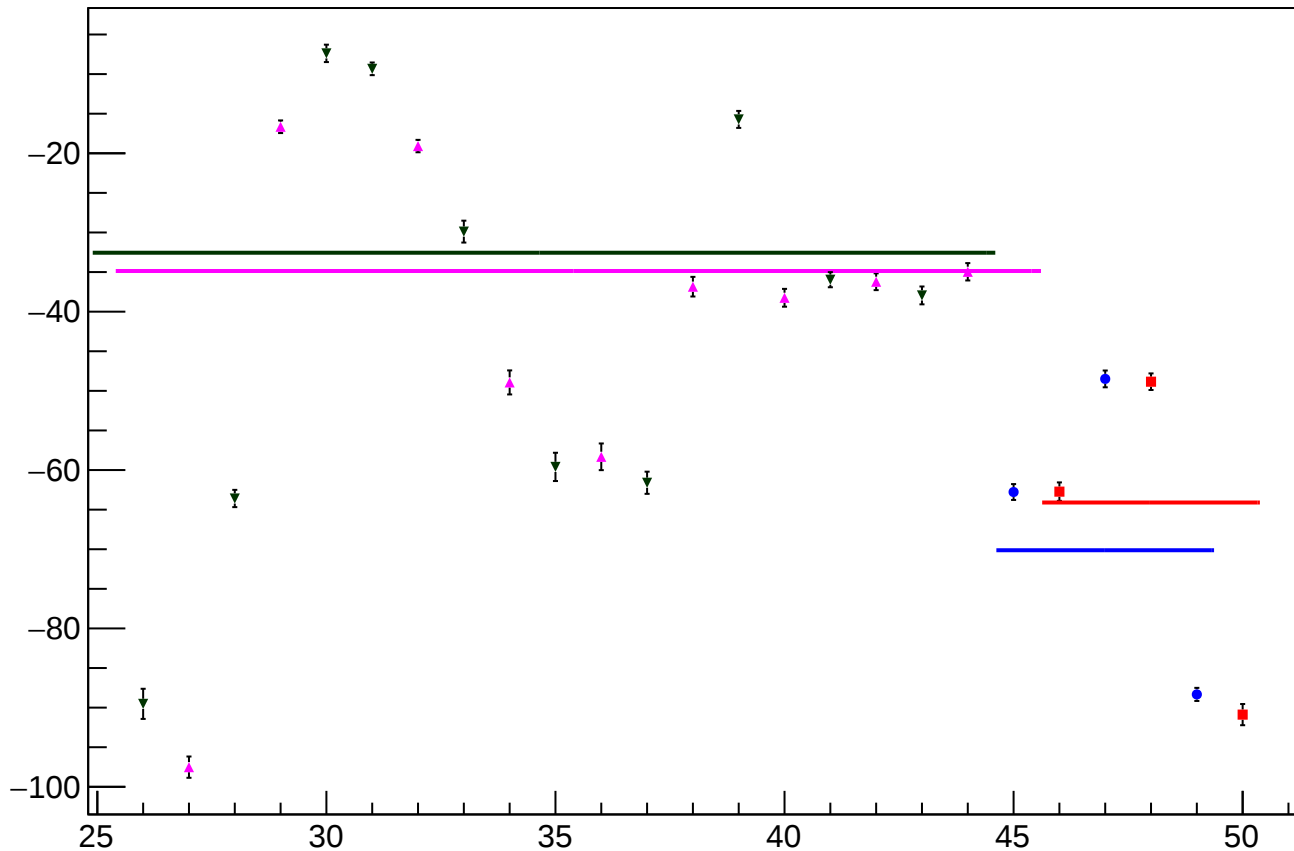
Right Out: -41.884+/-0.096 χ^2/NDF : 1144.7/2

Left In: -32.407+/-0.060 χ^2/NDF :448.7/8

-32.980+/-0.048 χ^2/NDF : 236178.1/12

-35.066+/-0.051 χ^2/NDF : 8645.0/11

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -70.126 ± 0.547 χ^2/NDF : 954.8/2

Left Out: -32.557 ± 0.362 χ^2/NDF : 4020.8/9

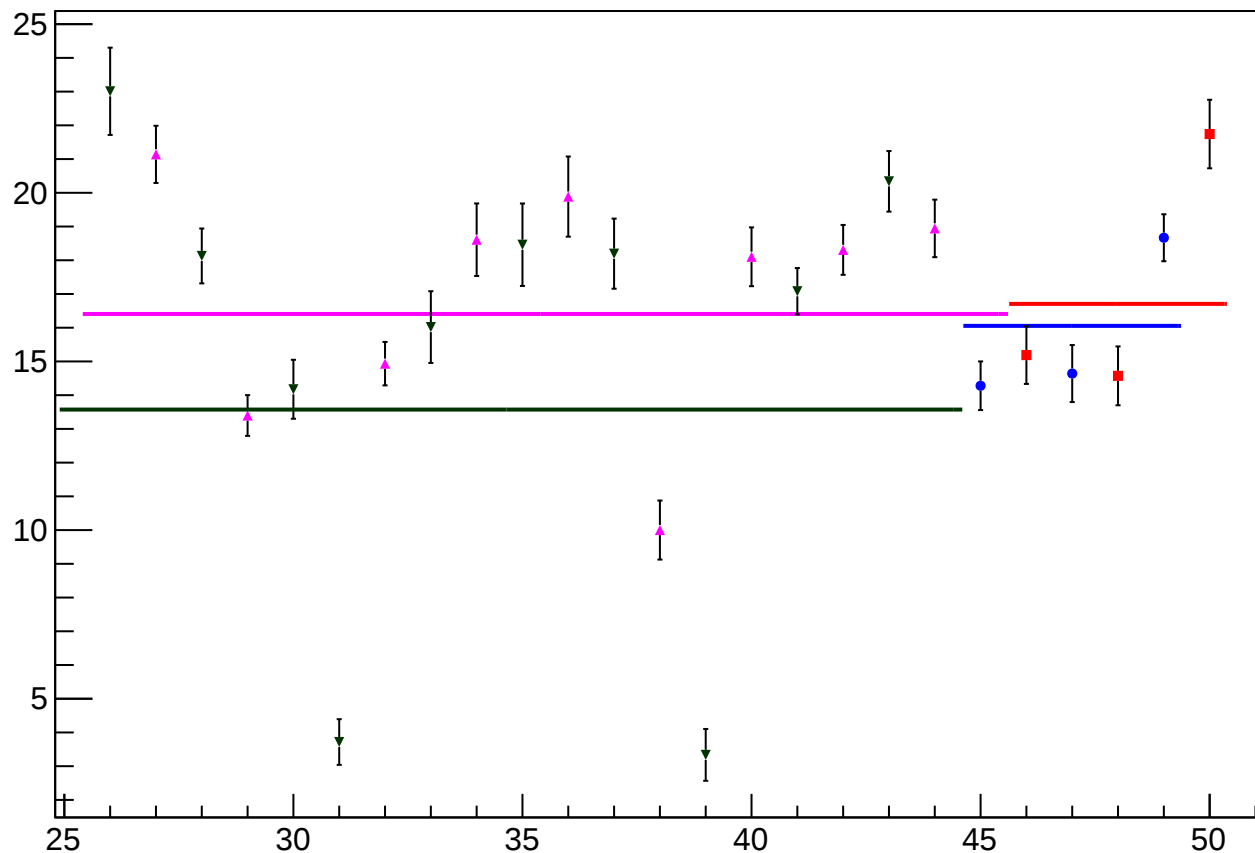
Right Out: -64.099 ± 0.673 χ^2/NDF : 614.6/2

Left In: -34.865 ± 0.360 χ^2/NDF : 3392.2/8

-44.027 ± 0.302 χ^2/NDF : 8257.4/12

-41.379 ± 0.318 χ^2/NDF : 5473.6/11

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

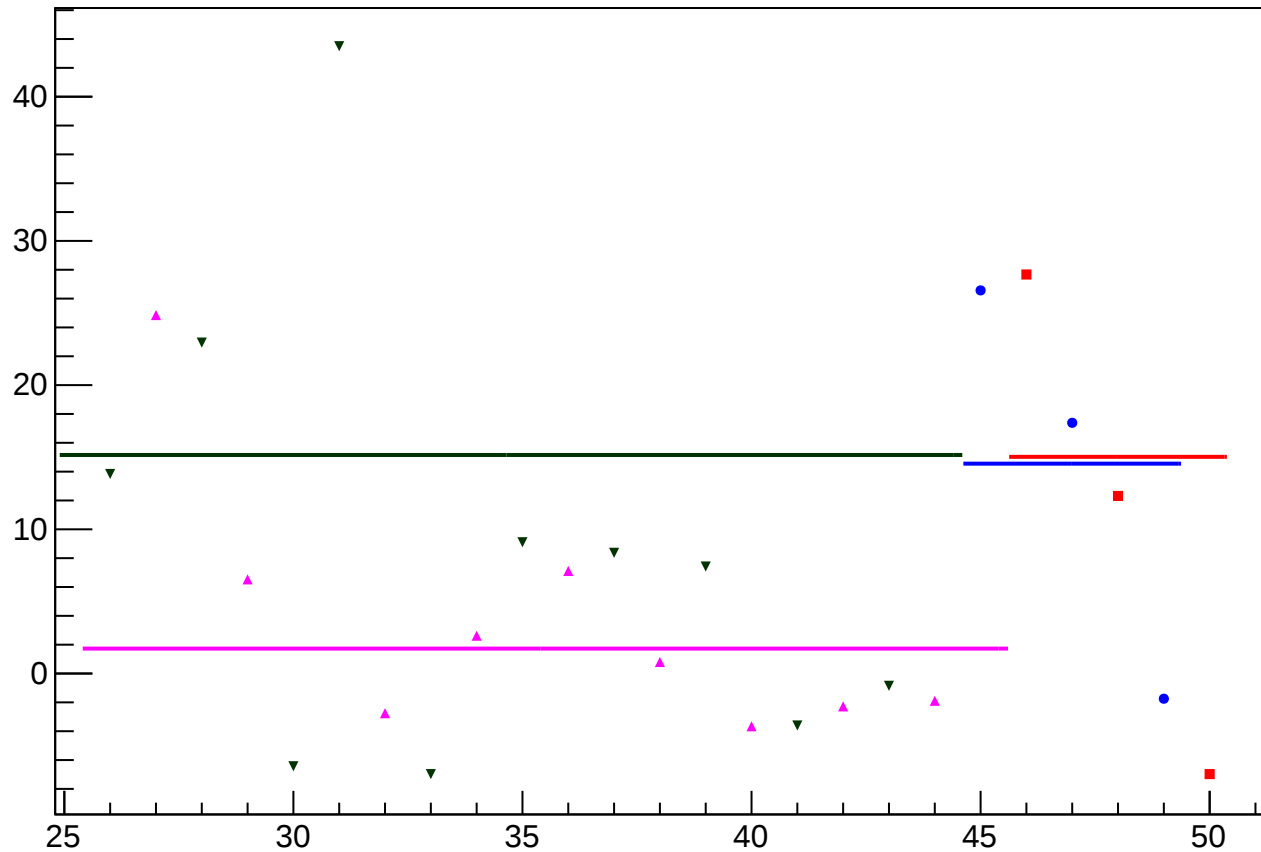
Right Out: 16.706+/-0.523 χ^2/NDF : 33.7/2

Left In: 16.407+/-0.268 χ^2/NDF : 146.8/8

14.295+/-0.232 χ^2/NDF : 644.7/12

16.469+/-0.238 χ^2/NDF : 180.7/11

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

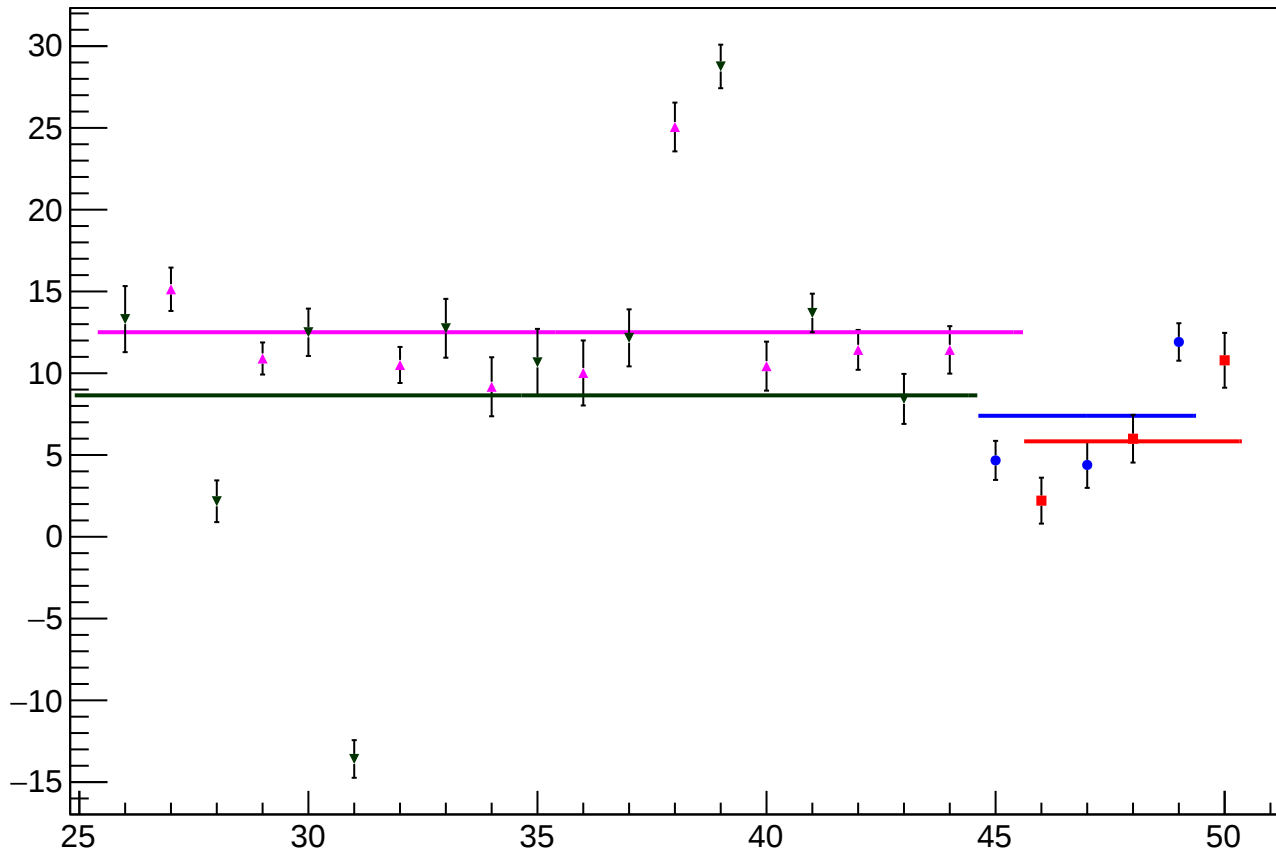
Right Out: 15.026+/-0.115 χ^2/NDF : 12746.2/2

Left In: 1.730+/-0.061 χ^2/NDF : 13843.5/8

15.002+/-0.049 χ^2/NDF : 134835.5/12

4.685+/-0.054 χ^2/NDF : 37044.1/11

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

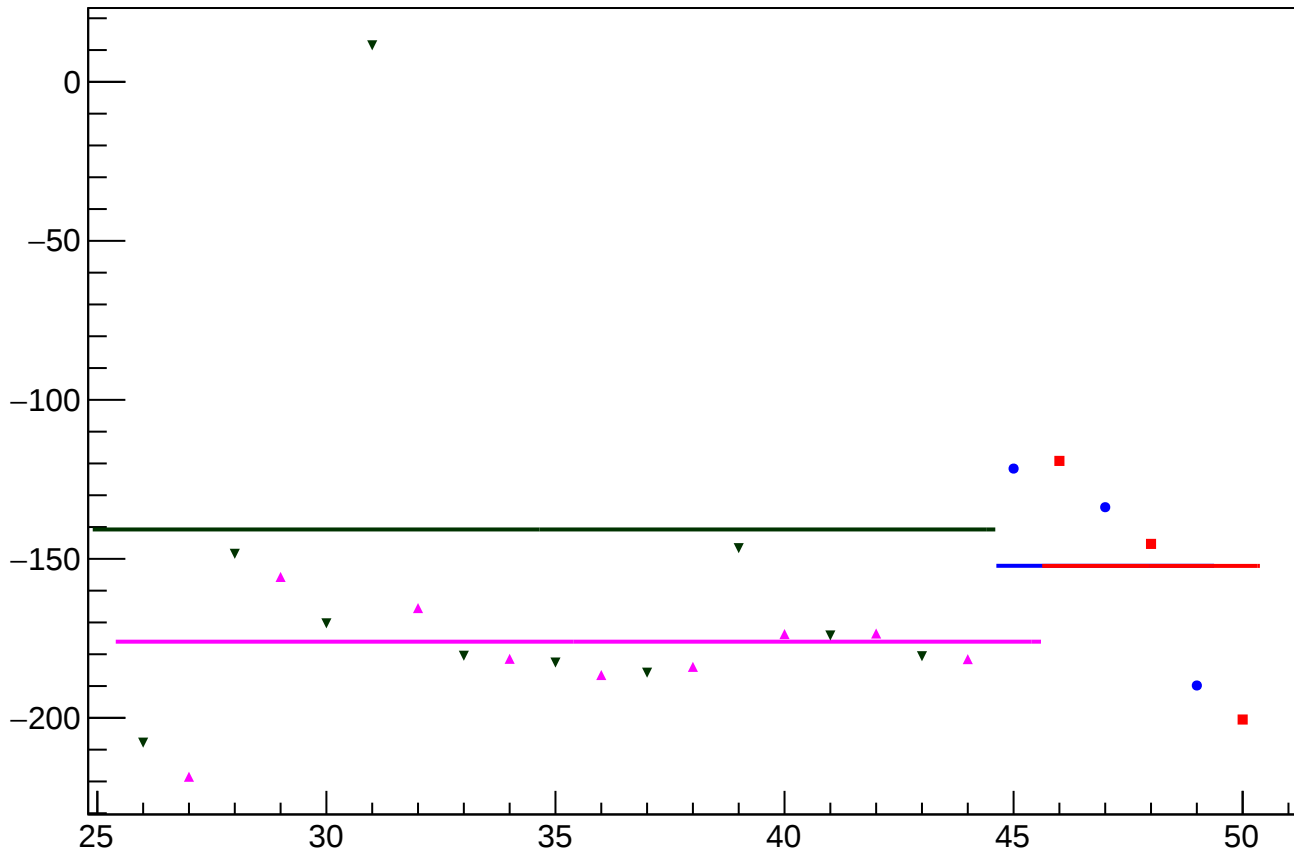
Right Out: 5.835 ± 0.866 χ^2/NDF : 15.4/2

Left In: 12.508 ± 0.446 χ^2/NDF : 89.0/8

8.277 ± 0.388 χ^2/NDF : 695.7/12

11.111 ± 0.396 χ^2/NDF : 151.3/11

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

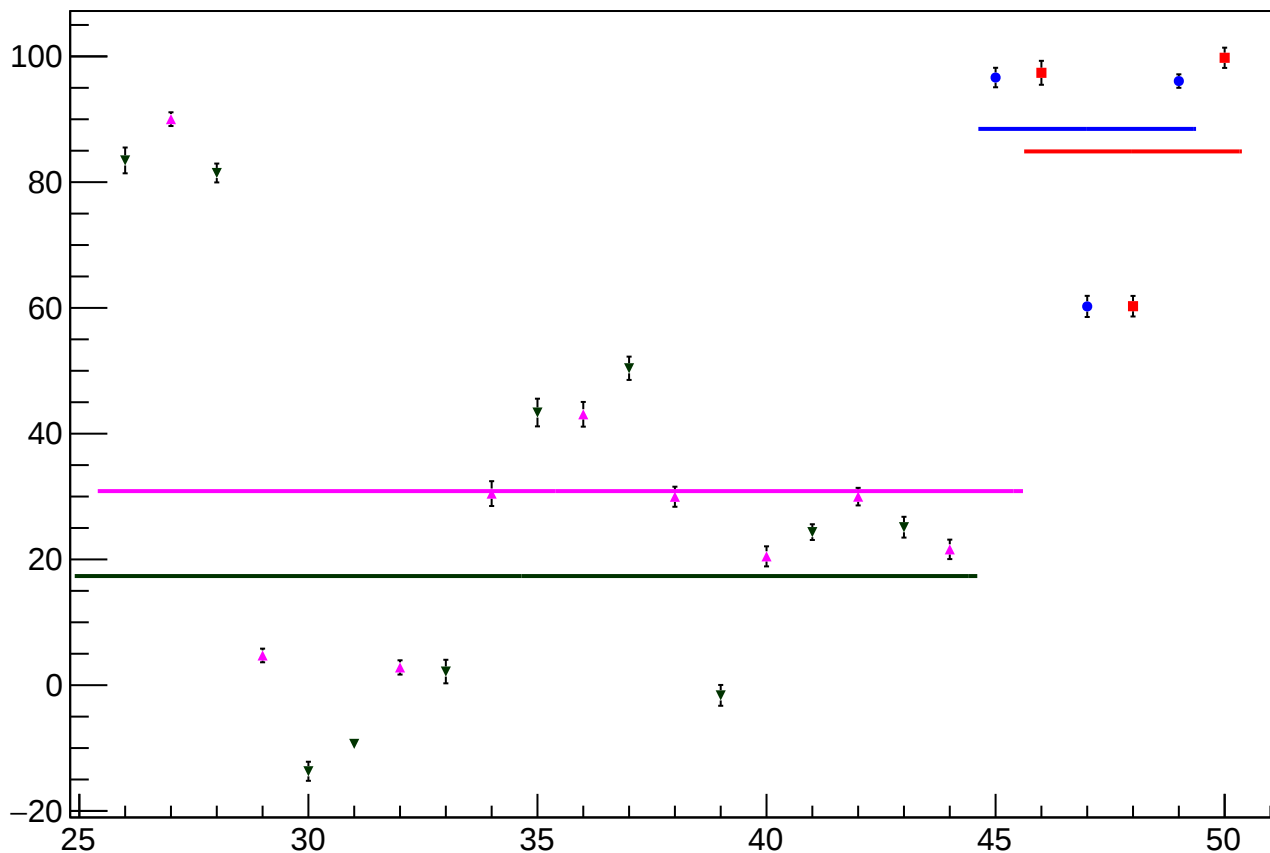
Right Out: -152.219+/-0.163 χ^2/NDF : 40499.7/2

Left In: -176.046+/-0.093 χ^2/NDF :29168.4/8

-143.908+/-0.073 χ^2/NDF : 745972.9/12

-170.259+/-0.081 χ^2/NDF : 85751.5/11

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

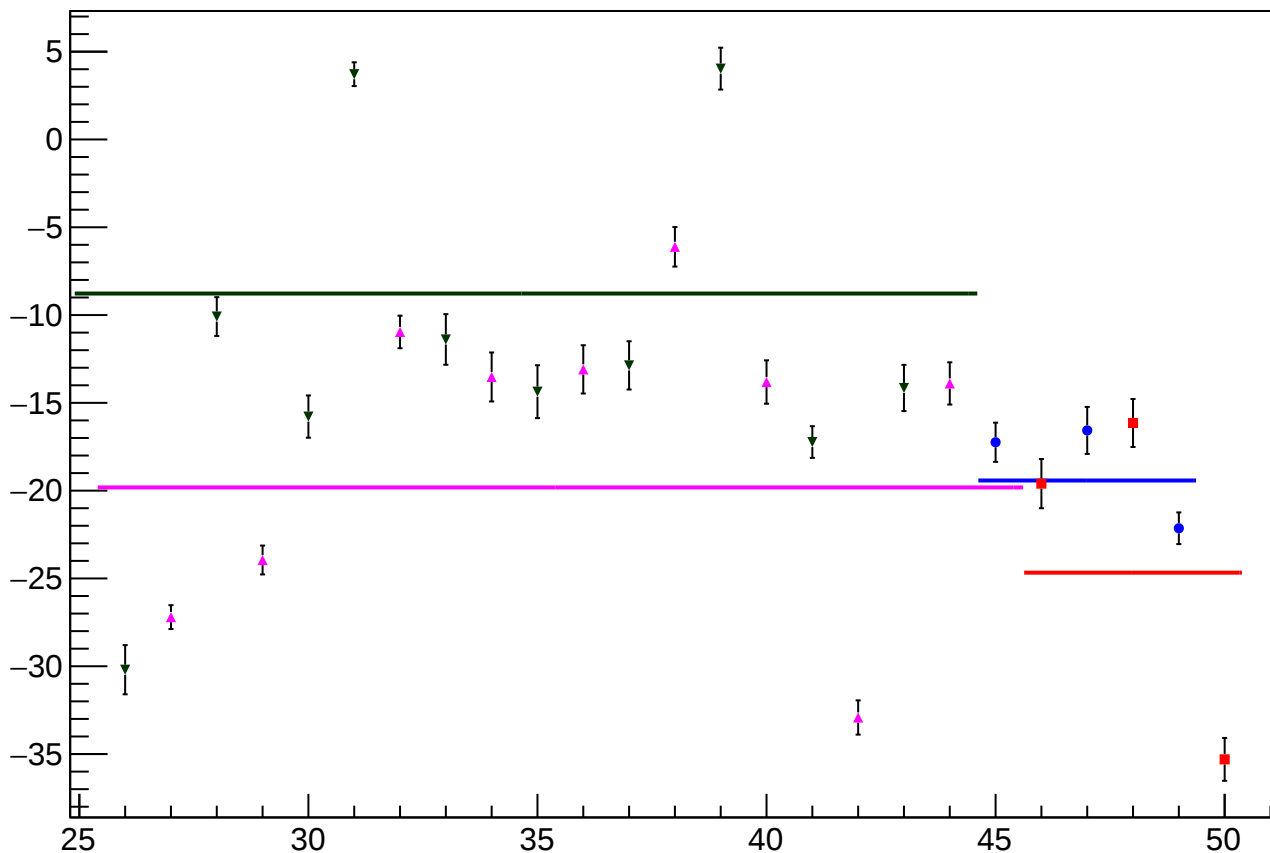
Right Out: 84.887+/-0.983 χ^2/NDF : 355.1/2

Left In: 30.865+/-0.462 χ^2/NDF : 4236.0/8

35.350+/-0.393 χ^2/NDF : 11652.2/12

40.637+/-0.418 χ^2/NDF : 7066.2/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.421 ± 0.621 $\chi^2/\text{NDF}: 17.4/2$

Left Out: -8.774 ± 0.350 $\chi^2/\text{NDF}: 855.1/9$

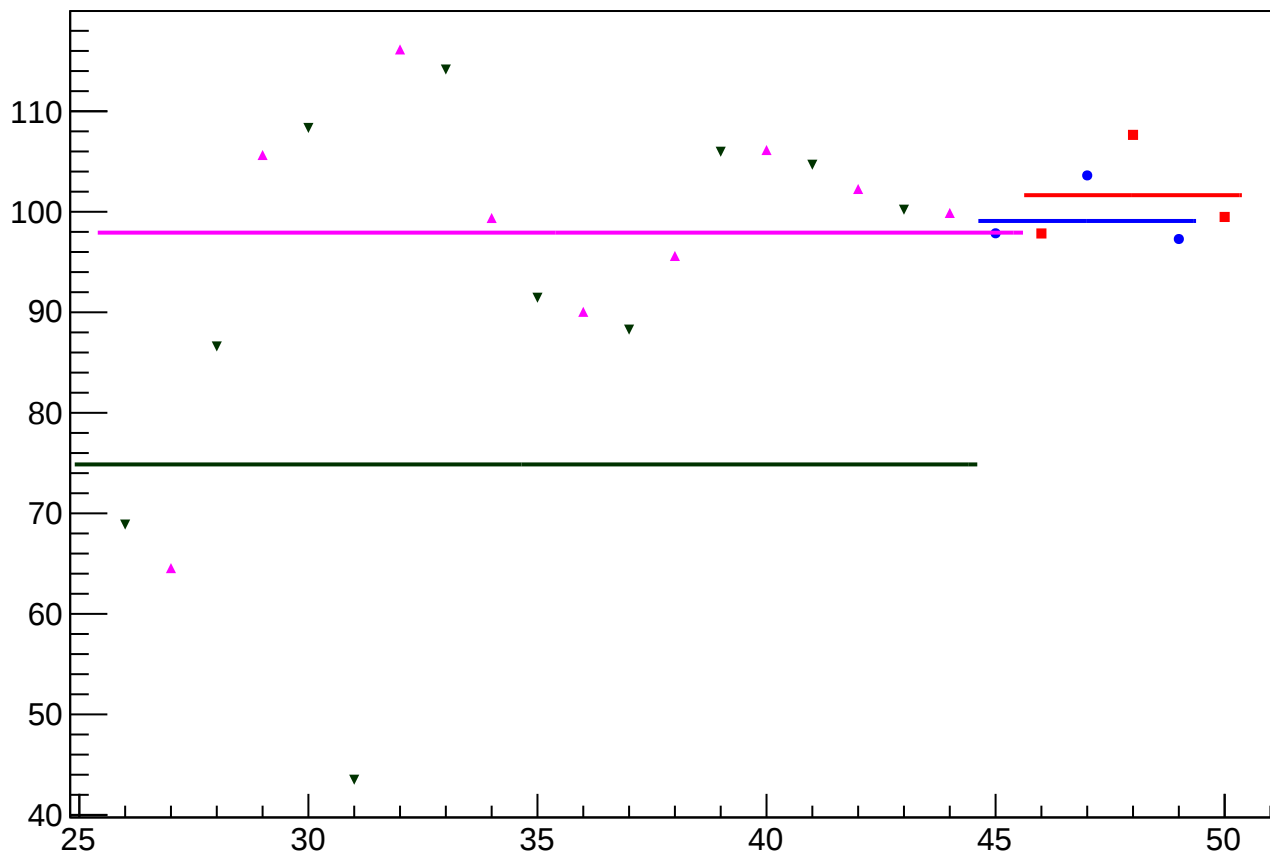
-11.341 ± 0.305 $\chi^2/\text{NDF}: 1095.5/12$

Right Out: -24.669 ± 0.763 $\chi^2/\text{NDF}: 127.9/2$

-20.591 ± 0.305 $\chi^2/\text{NDF}: 817.2/11$

Left In: -19.816 ± 0.333 $\chi^2/\text{NDF}: 655.3/8$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 99.086 $\pm$ 0.142 χ^2 /NDF: 348.3/2

Left Out: 74.867 $\pm$ 0.070 χ^2 /NDF:168612.2/9

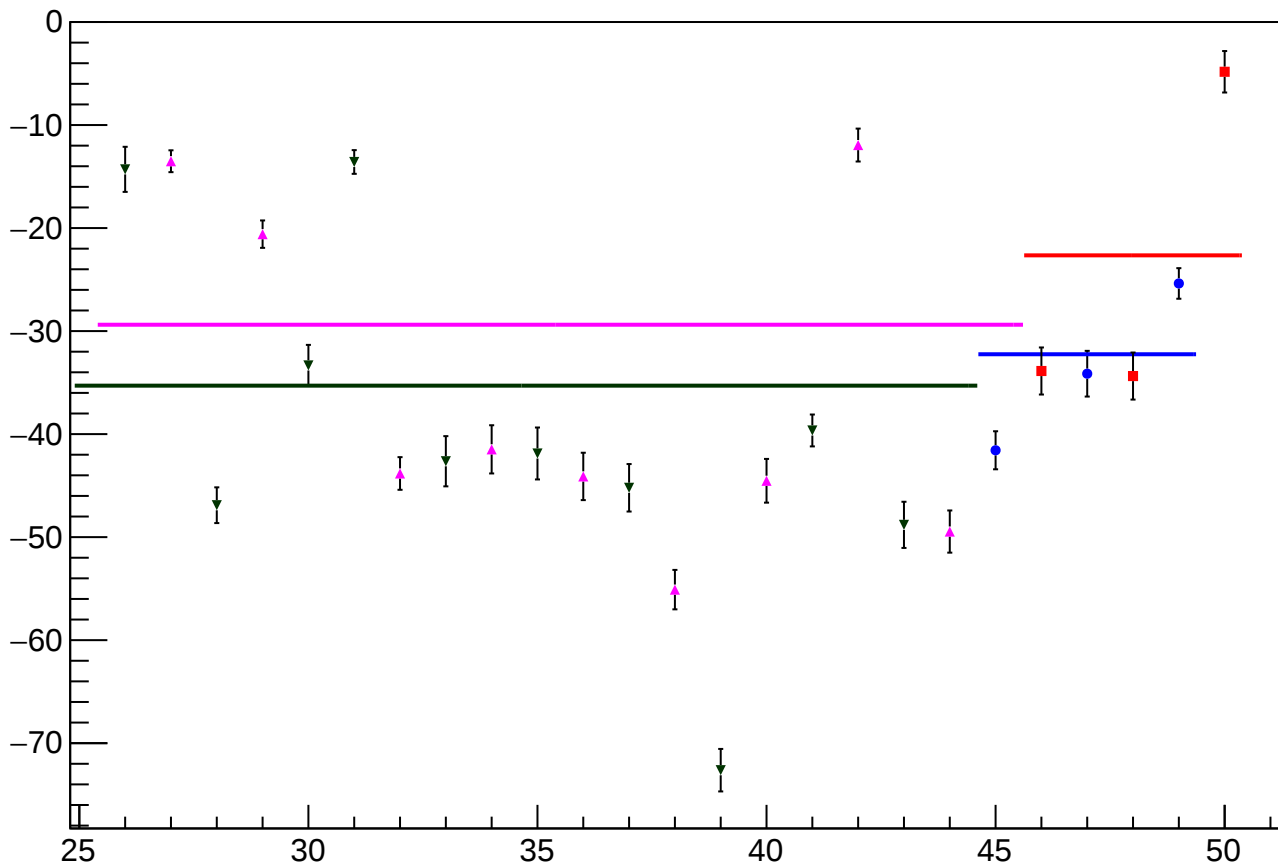
Right Out: 101.651 $\pm$ 0.171 χ^2 /NDF: 636.2/2

Left In: 97.925 $\pm$ 0.079 χ^2 /NDF:43942.4/8

79.577 $\pm$ 0.063 χ^2 /NDF: 192334.4/12

98.579 $\pm$ 0.072 χ^2 /NDF: 44967.9/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -32.249 $\pm$ 1.026 χ^2/NDF : 47.6/2

Left Out: -35.297 $\pm$ 0.586 χ^2/NDF : 899.8/9

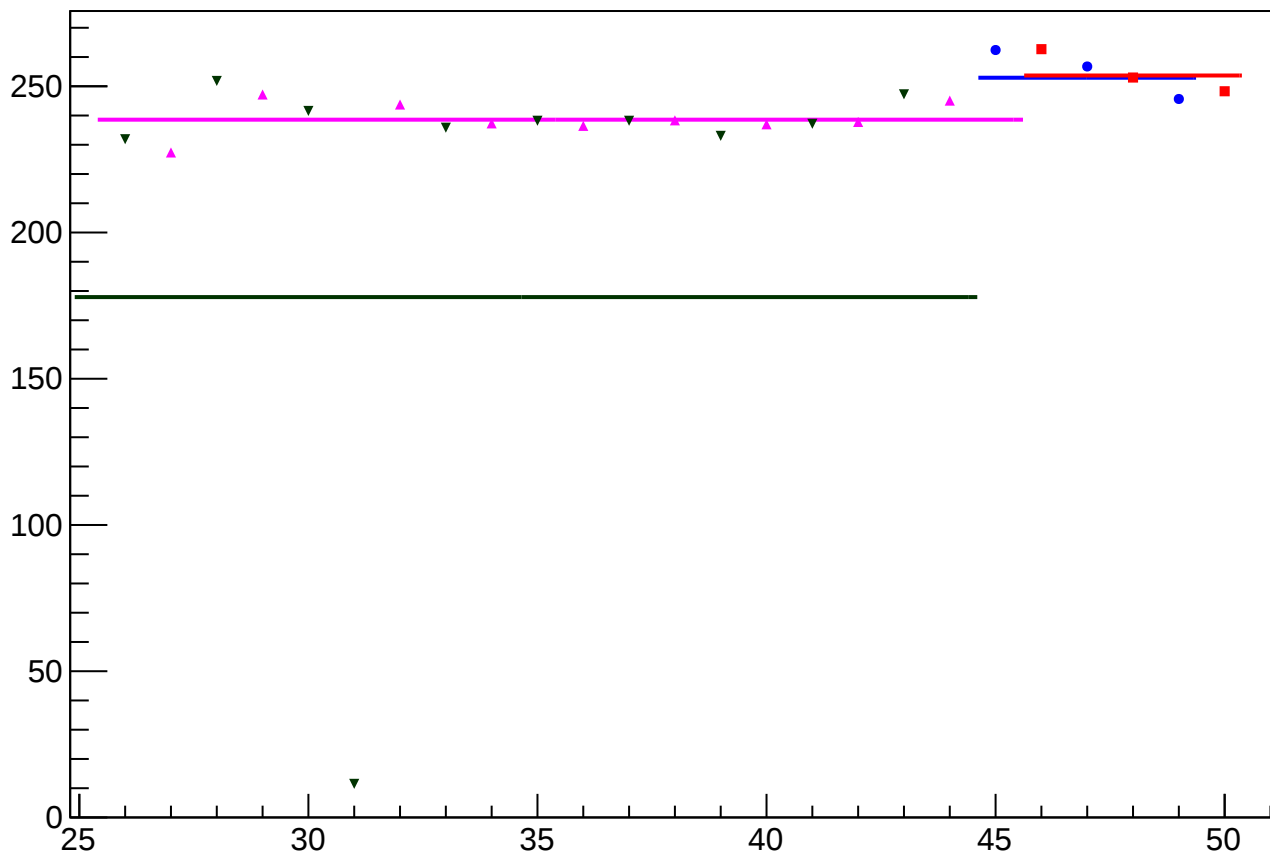
Right Out: -22.649 $\pm$ 1.259 χ^2/NDF : 128.9/2

Left In: -29.383 $\pm$ 0.546 χ^2/NDF : 865.1/8

-34.547 $\pm$ 0.509 χ^2/NDF : 954.1/12

-28.317 $\pm$ 0.501 χ^2/NDF : 1018.1/11

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 252.922 ± 0.199 χ^2/NDF : 1397.2/2

Left Out: 177.919 ± 0.108 χ^2/NDF : 891925.7/9

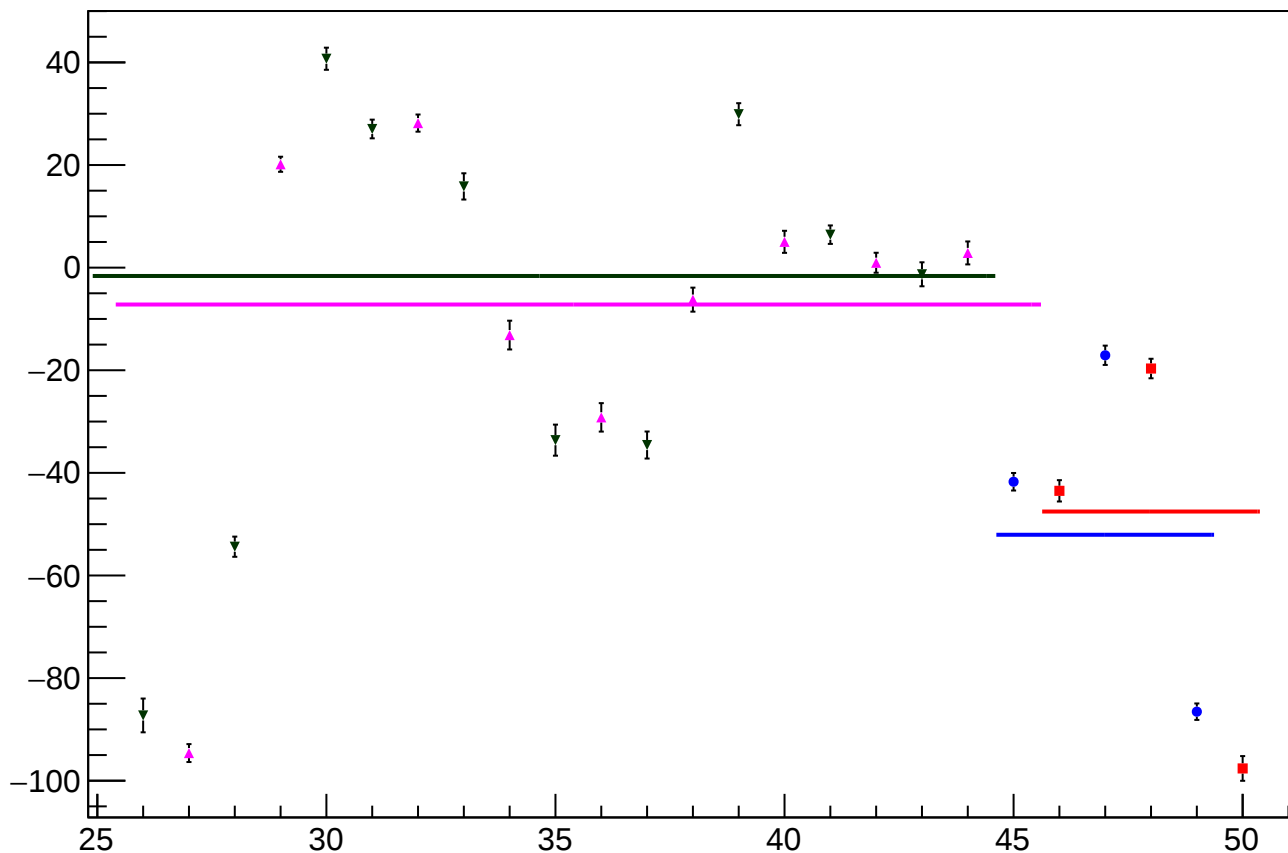
Right Out: 253.683 ± 0.234 χ^2/NDF : 624.0/2

Left In: 238.578 ± 0.118 χ^2/NDF : 3012.9/8

194.885 ± 0.095 χ^2/NDF : 1003293.0/12

241.611 ± 0.105 χ^2/NDF : 6953.1/11

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

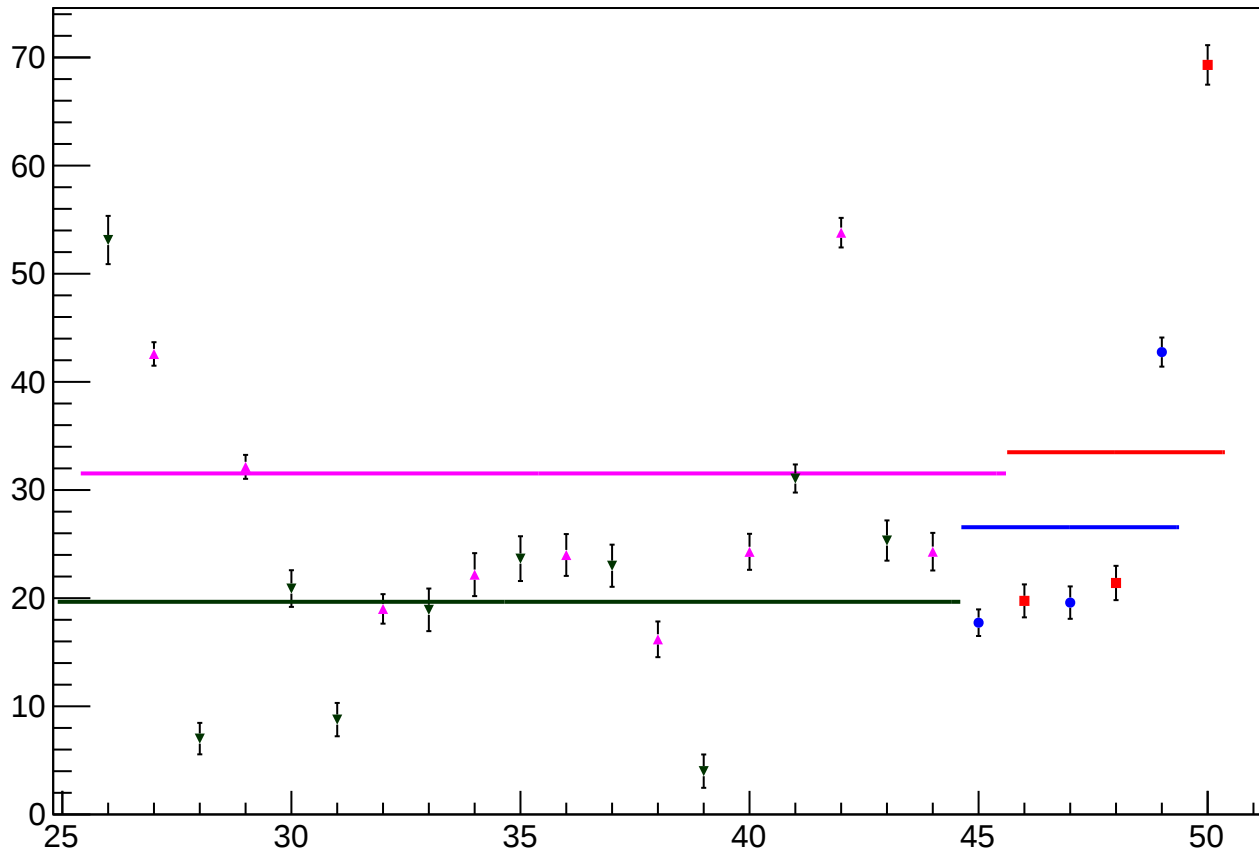
Right Out: -47.536+/-1.212 χ^2/NDF : 650.9/2

Left In: -7.188+/-0.664 χ^2/NDF : 3435.6/8

-18.699+/-0.578 χ^2/NDF : 5132.0/12

-16.496+/-0.582 χ^2/NDF : 4938.3/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 26.561 $\pm$ 0.777 χ^2 /NDF: 217.9/2

Left Out: 19.664 $\pm$ 0.535 χ^2 /NDF: 547.2/9

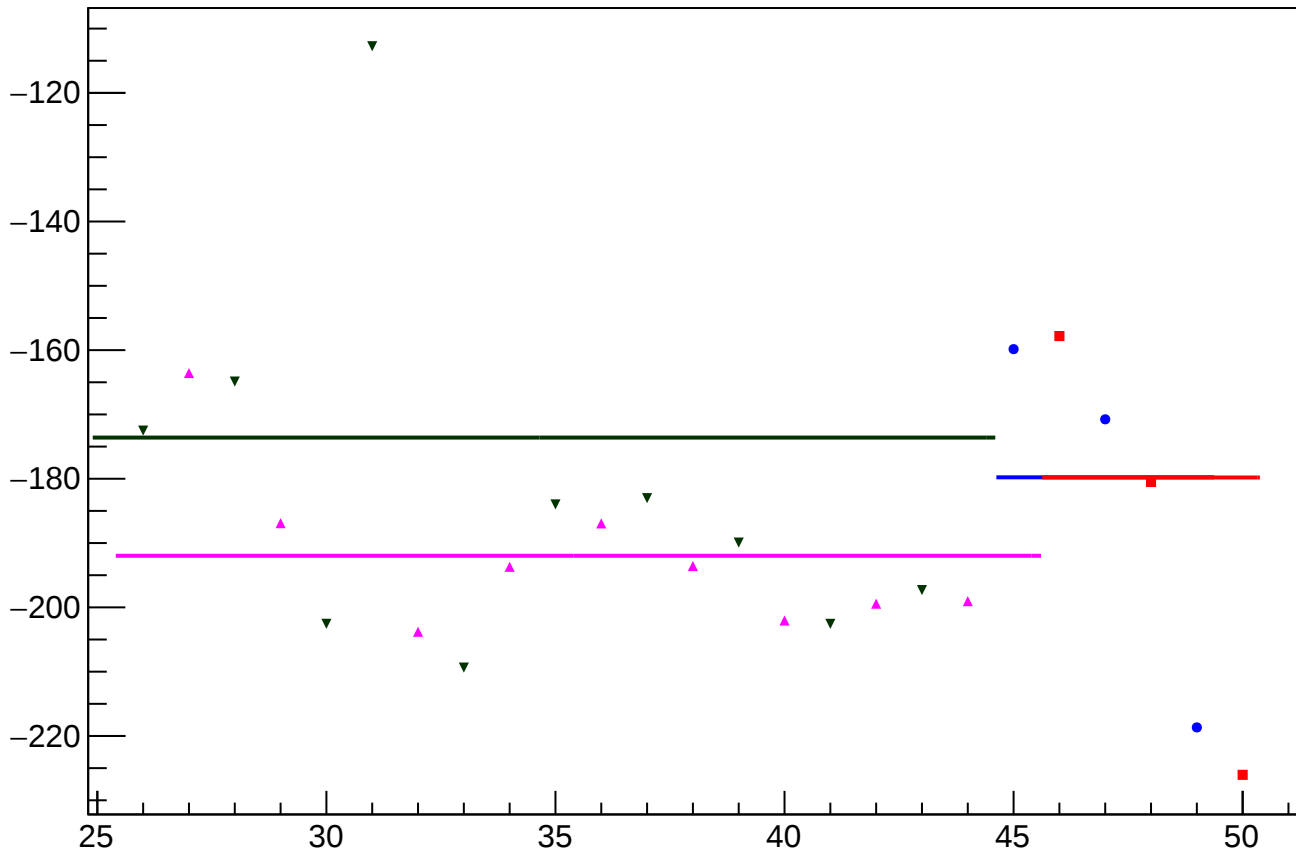
Right Out: 33.494 $\pm$ 0.942 χ^2 /NDF: 523.4/2

Left In: 31.534 $\pm$ 0.481 χ^2 /NDF: 612.9/8

21.882 $\pm$ 0.440 χ^2 /NDF: 818.7/12

31.940 $\pm$ 0.429 χ^2 /NDF: 1139.7/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -179.778±/0.175 χ^2/NDF : 20064.5/2

Left Out: -173.597±/0.114 χ^2/NDF : 92522.3/9

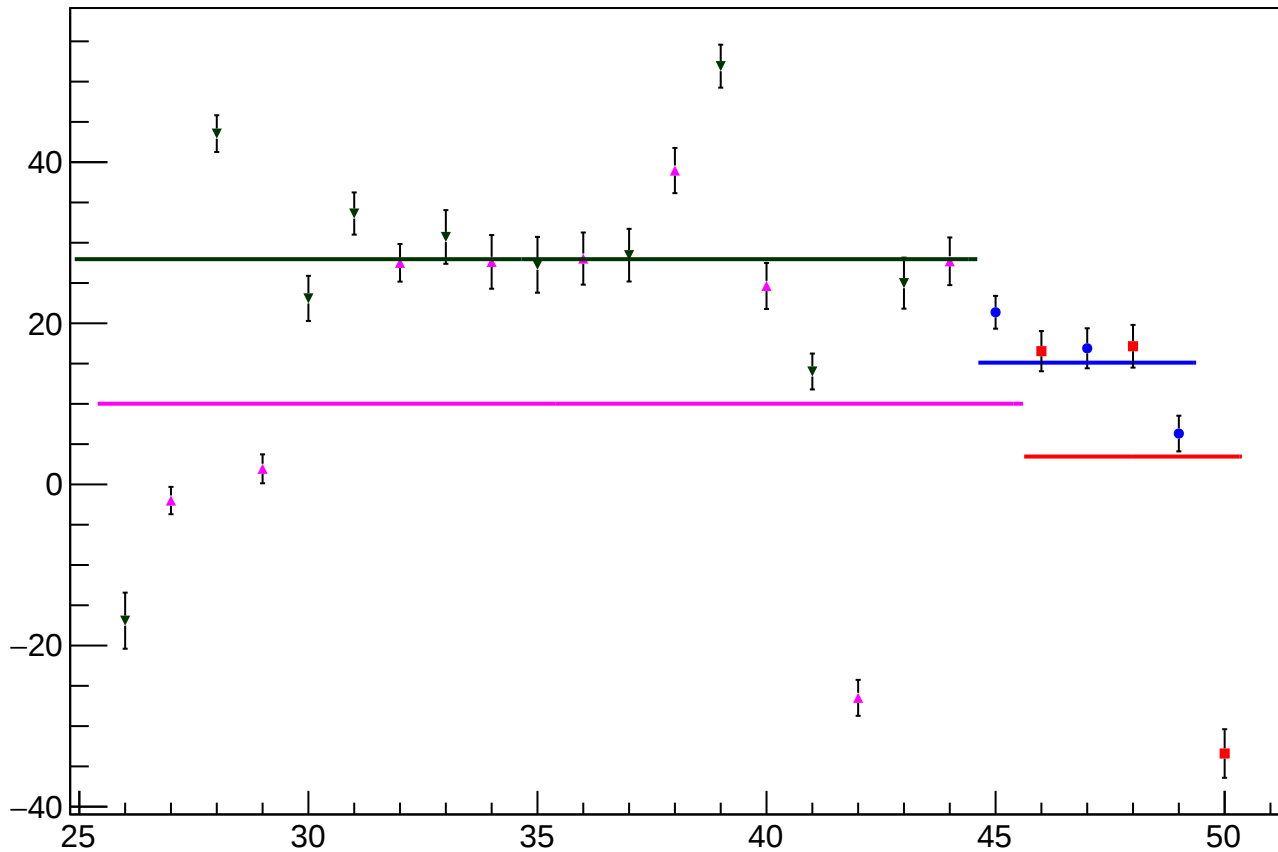
Right Out: -179.803±/0.207 χ^2/NDF : 14933.2/2

Left In: -191.976±/0.115 χ^2/NDF : 12393.0/8

-175.447±/0.096 χ^2/NDF : 113460.4/12

-189.115±/0.100 χ^2/NDF : 29980.4/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 15.117 ± 1.283 $\chi^2/\text{NDF}: 25.7/2$

Left Out: 27.961 ± 0.892 $\chi^2/\text{NDF}: 342.1/9$

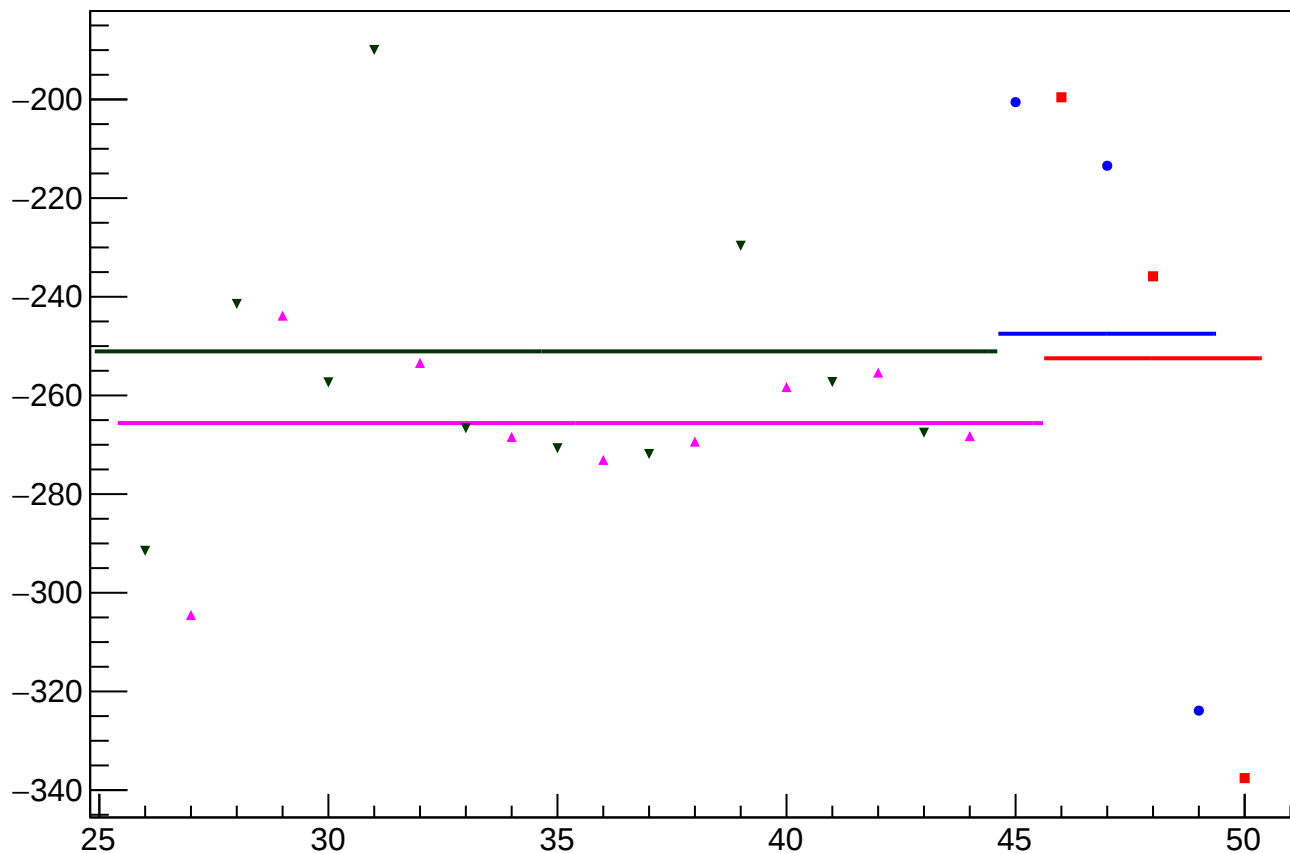
Right Out: 3.461 ± 1.556 $\chi^2/\text{NDF}: 203.6/2$

Left In: 10.019 ± 0.793 $\chi^2/\text{NDF}: 620.9/8$

23.778 ± 0.732 $\chi^2/\text{NDF}: 435.4/12$

8.666 ± 0.707 $\chi^2/\text{NDF}: 838.6/11$

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

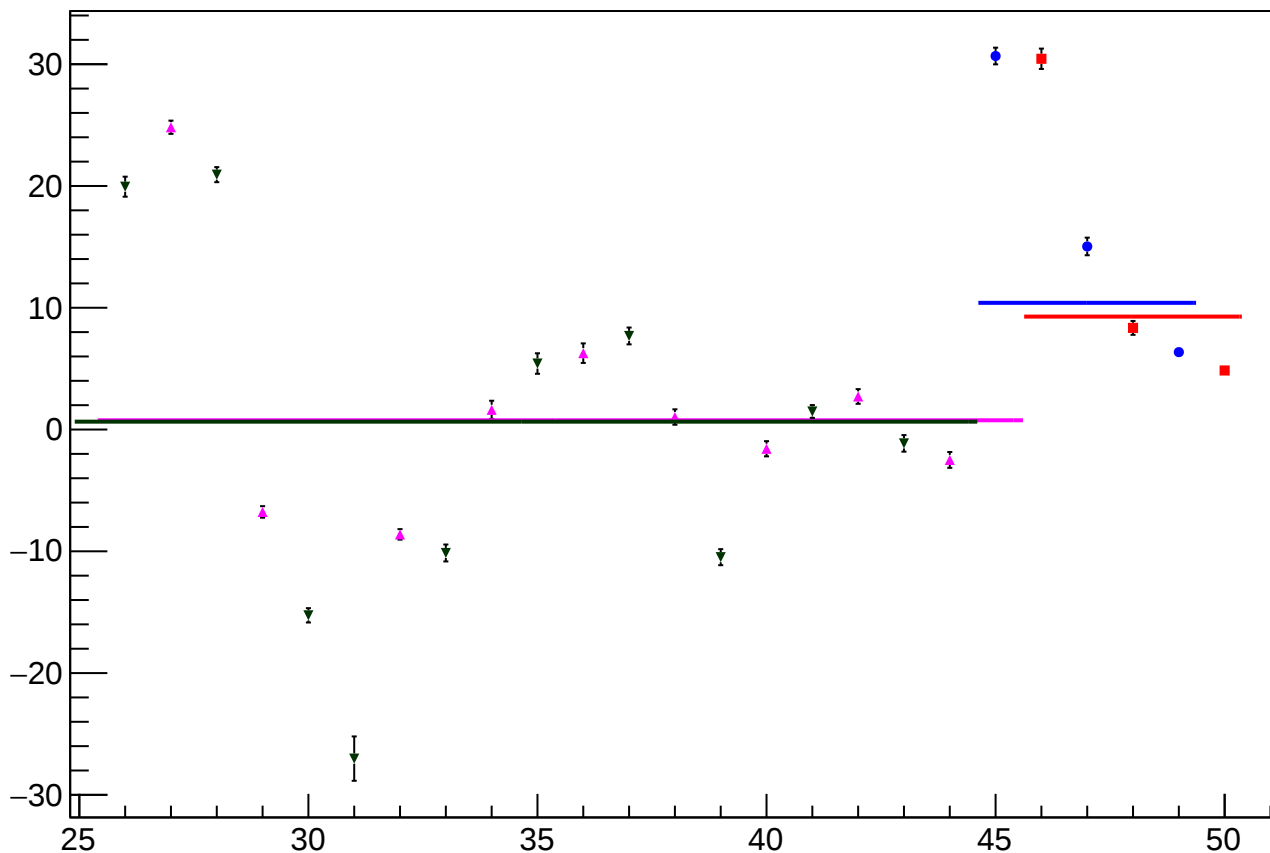
Right Out: -252.469+/-0.294 χ^2/NDF : 37236.8/2

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-249.988+/-0.137 χ^2/NDF : 79953.1/12

-262.372+/-0.146 χ^2/NDF : 50892.0/11

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

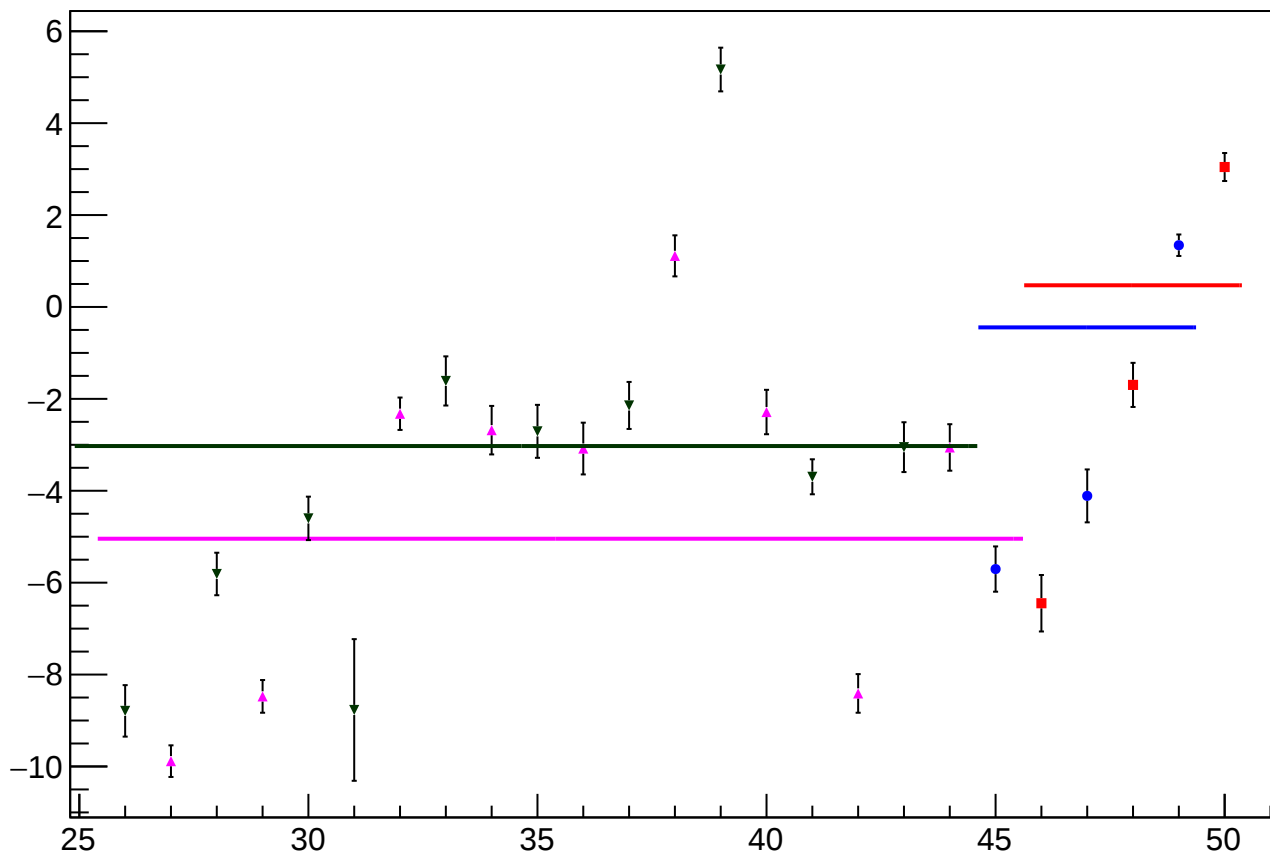
Right Out: 9.274+/-0.305 χ^2/NDF : 766.0/2

Left In: 0.760+/-0.193 χ^2/NDF : 2789.0/8

5.011+/-0.163 χ^2/NDF : 5275.5/12

3.195+/-0.163 χ^2/NDF : 4110.0/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -0.445 ± 0.198 $\chi^2/\text{NDF}: 213.0/2$

Left Out: -3.027 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

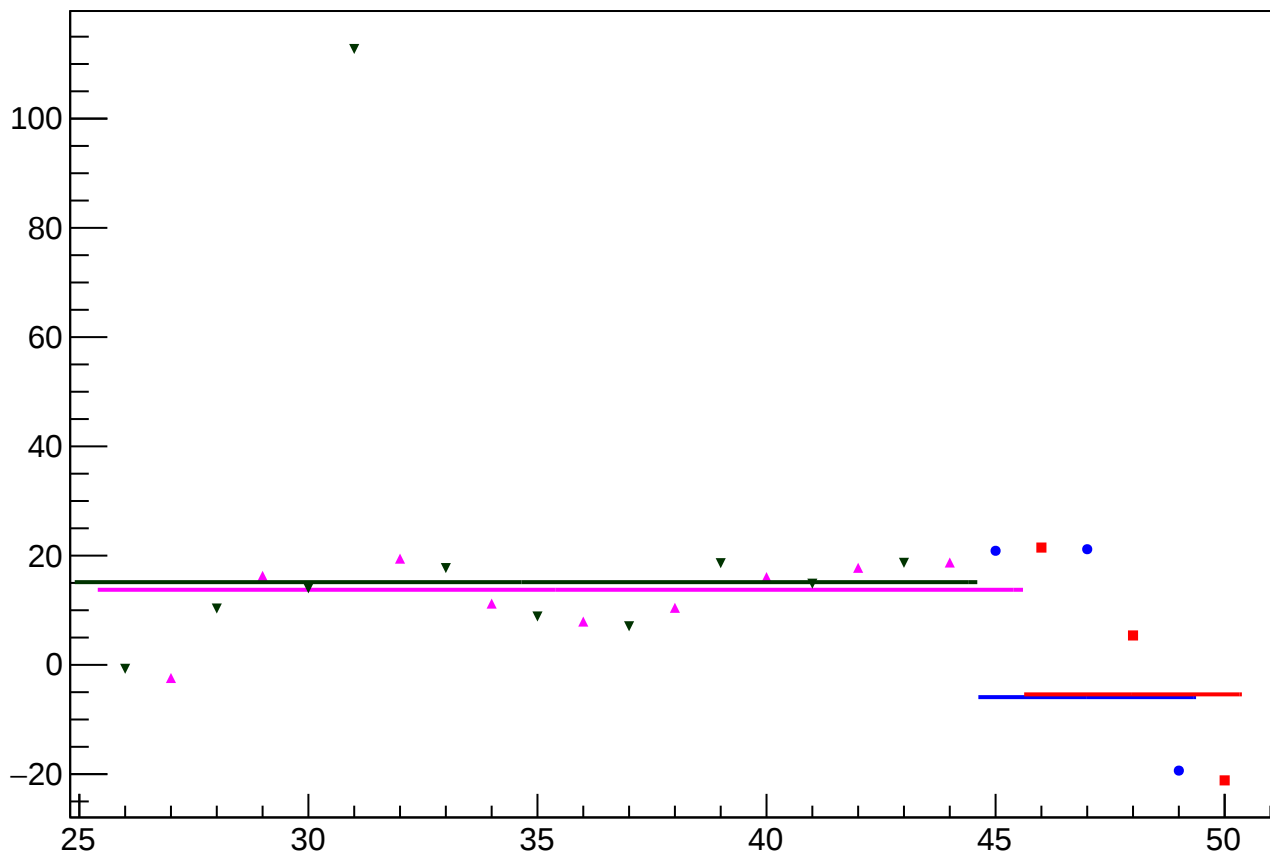
Right Out: 0.472 ± 0.237 $\chi^2/\text{NDF}: 218.6/2$

Left In: -5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

-1.988 ± 0.126 $\chi^2/\text{NDF}: 791.7/12$

-3.598 ± 0.121 $\chi^2/\text{NDF}: 1301.8/11$

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

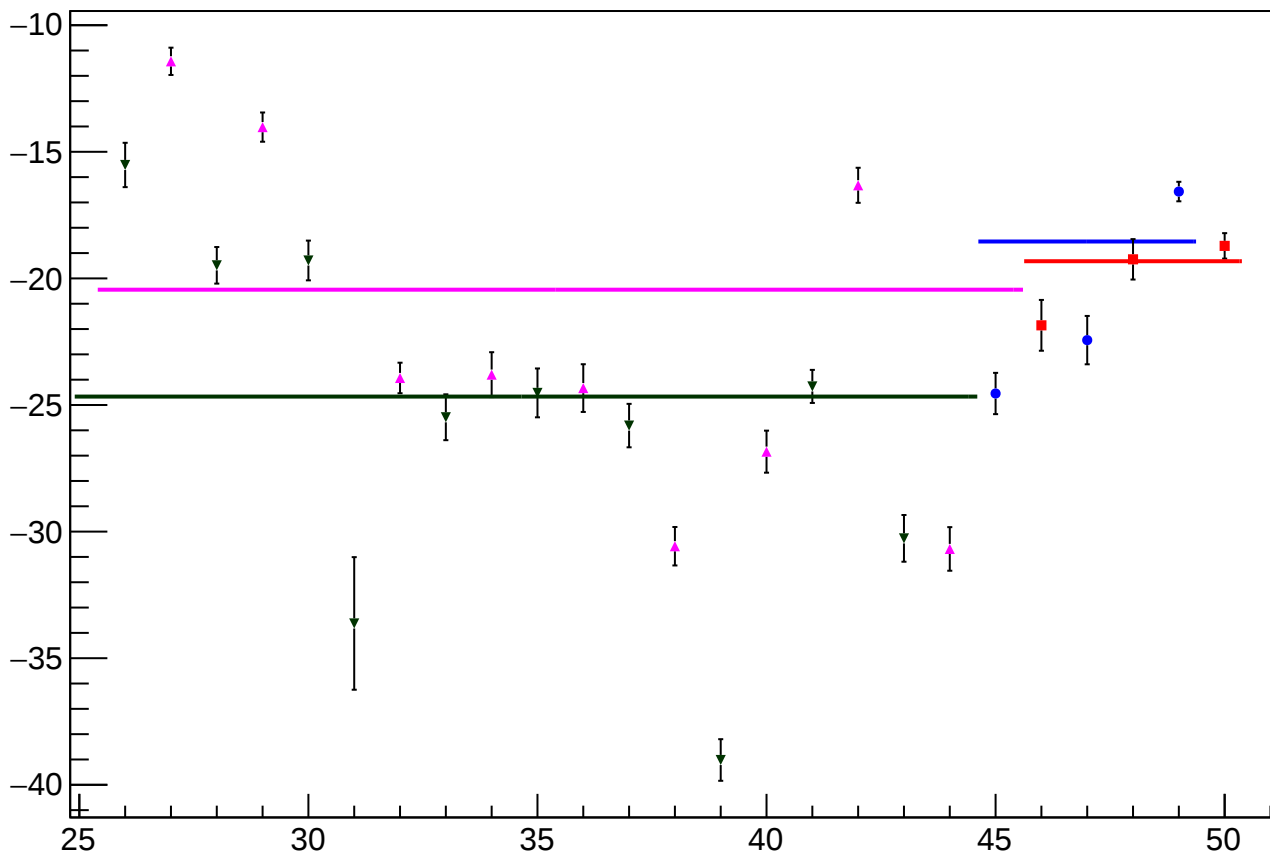
Right Out: -5.400+/-0.056 χ^2/NDF : 97532.4/2

Left In: 13.747+/-0.033 χ^2/NDF :44234.1/8

7.288+/-0.029 χ^2/NDF : 479511.0/12

8.851+/-0.028 χ^2/NDF : 229308.5/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.543 ± 0.327 χ^2/NDF : 97.1/2

Left Out: -24.667 ± 0.271 χ^2/NDF : 564.2/9

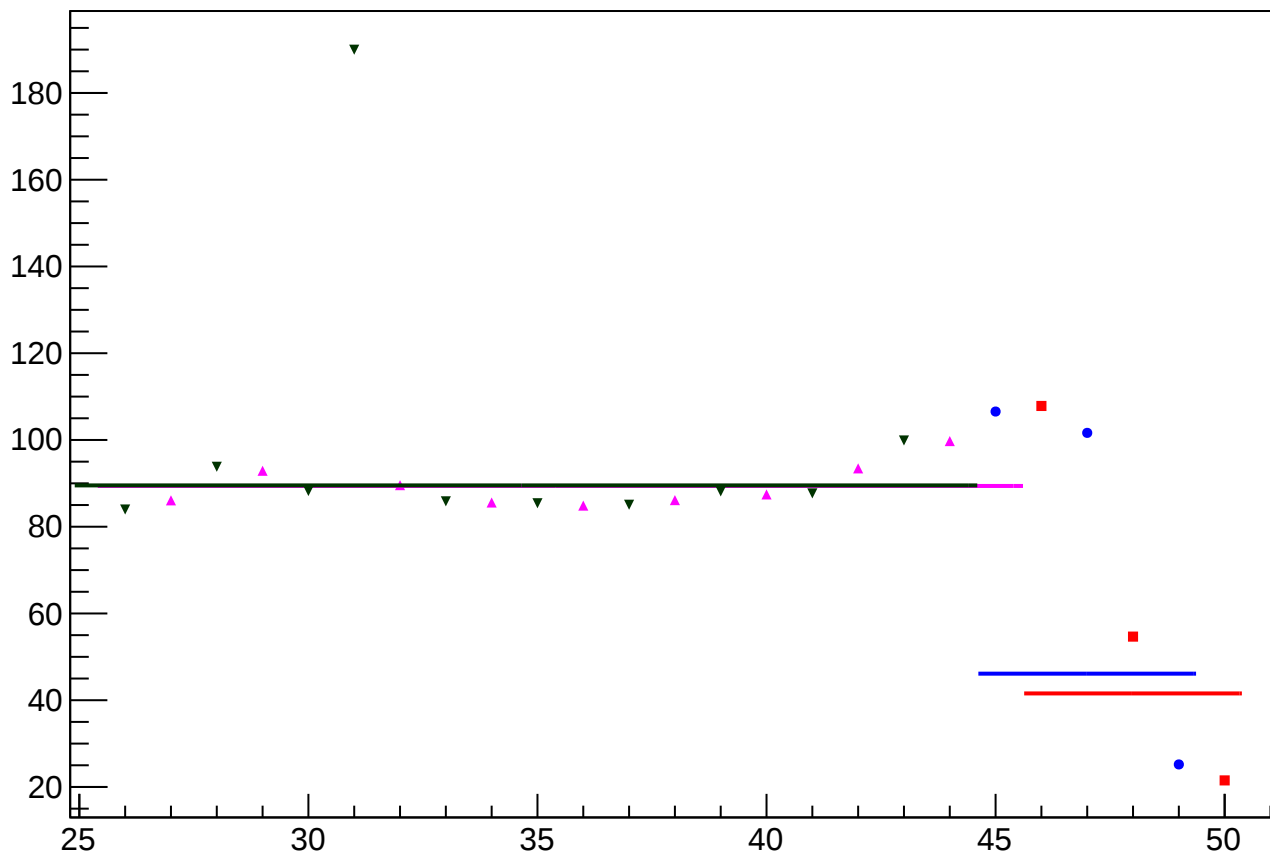
Right Out: -19.321 ± 0.392 χ^2/NDF : 7.8/2

Left In: -20.446 ± 0.234 χ^2/NDF : 882.7/8

-22.178 ± 0.209 χ^2/NDF : 869.3/12

-20.149 ± 0.201 χ^2/NDF : 896.6/11

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

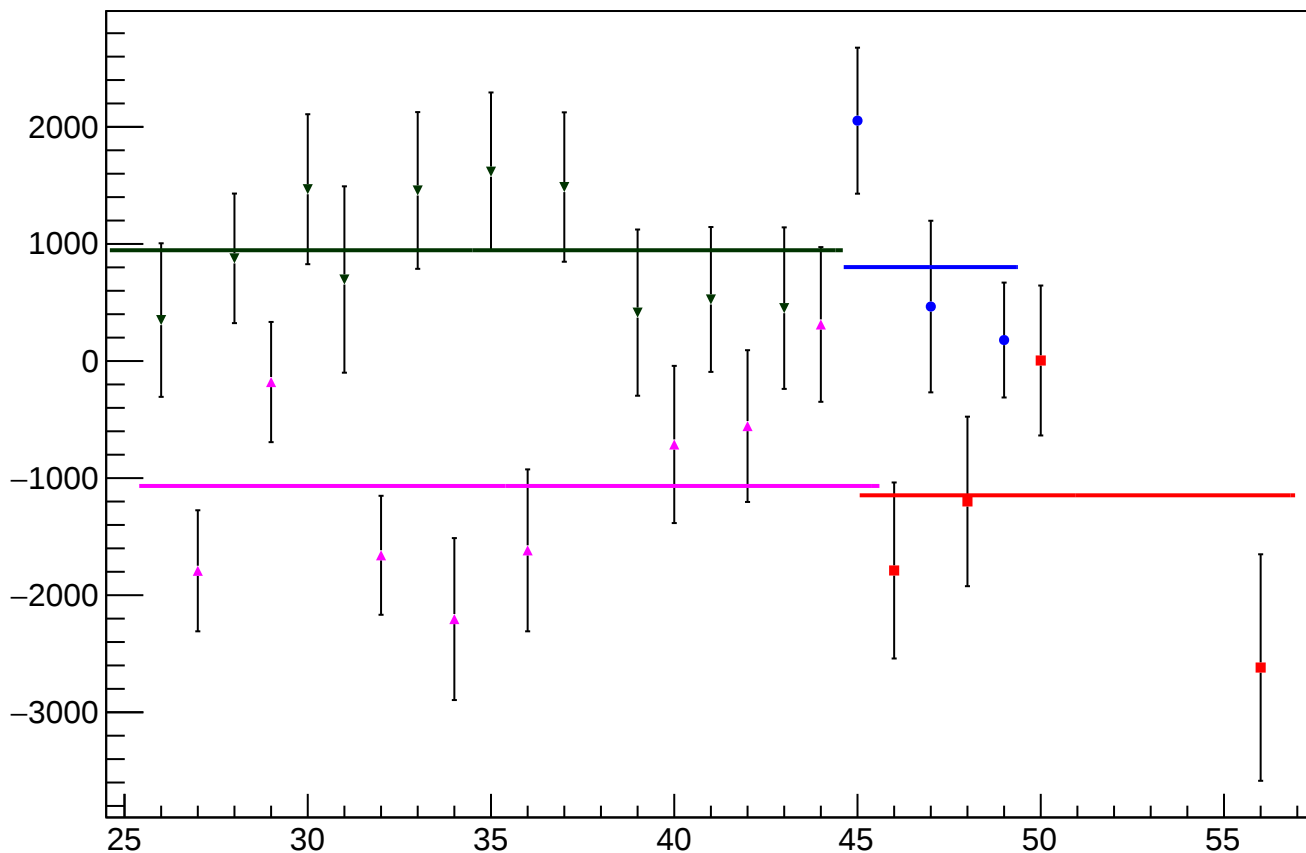
Right Out: 41.565+/-0.070 χ^2/NDF : 171417.1/2

Left In: 89.397+/-0.049 χ^2/NDF : 7802.3/8

72.879+/-0.039 χ^2/NDF : 659732.7/12

73.751+/-0.040 χ^2/NDF : 491343.1/11

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

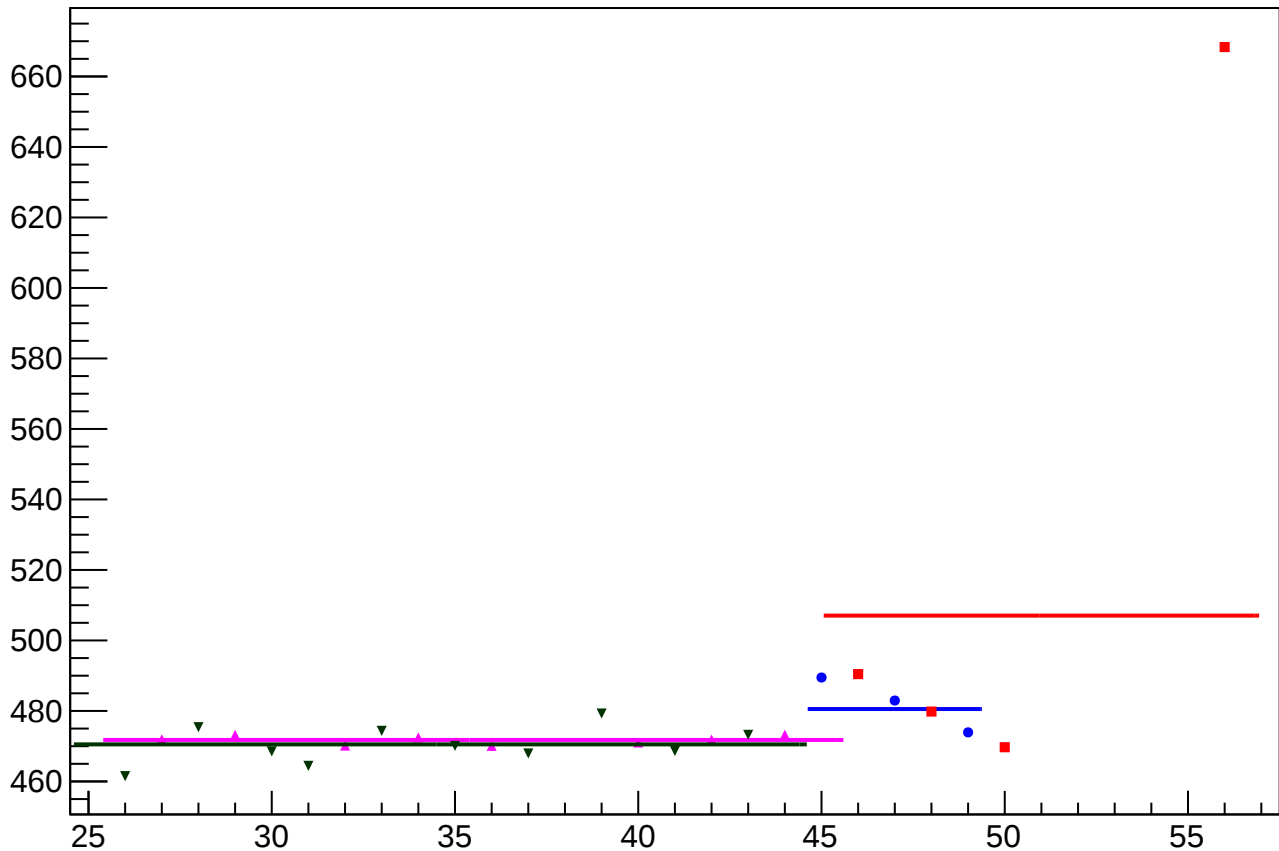
Right Out: -1146.832 $\pm$ 373.068 χ^2 /NDF: 6.3/3

Left In: -1066.964 $\pm$ 210.912 χ^2 /NDF: 14.9/7

907.444 $\pm$ 177.427 χ^2 /NDF: 11.4/12

-1086.308 $\pm$ 183.602 χ^2 /NDF: 21.2/11

reg_asym_atl1_rms vs slug



Right In: 480.543 $\pm$ 0.241 χ^2 /NDF: 796.3/2

Left Out: 470.514 $\pm$ 0.147 χ^2 /NDF: 1122.3/9

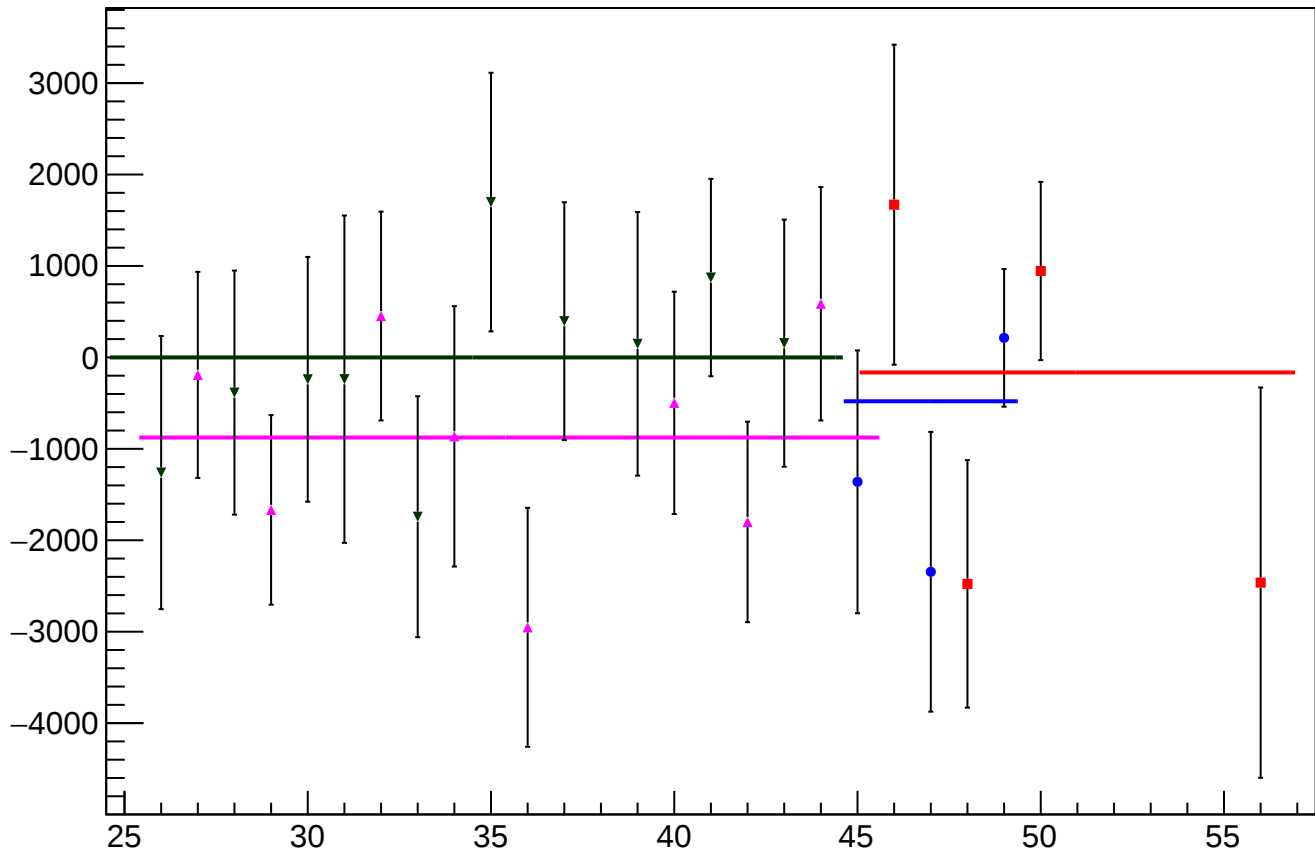
Right Out: 507.044 $\pm$ 0.264 χ^2 /NDF: 66204.7/3

Left In: 471.772 $\pm$ 0.149 χ^2 /NDF: 62.3/7

473.225 $\pm$ 0.125 χ^2 /NDF: 3178.9/12

480.315 $\pm$ 0.130 χ^2 /NDF: 79814.4/11

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

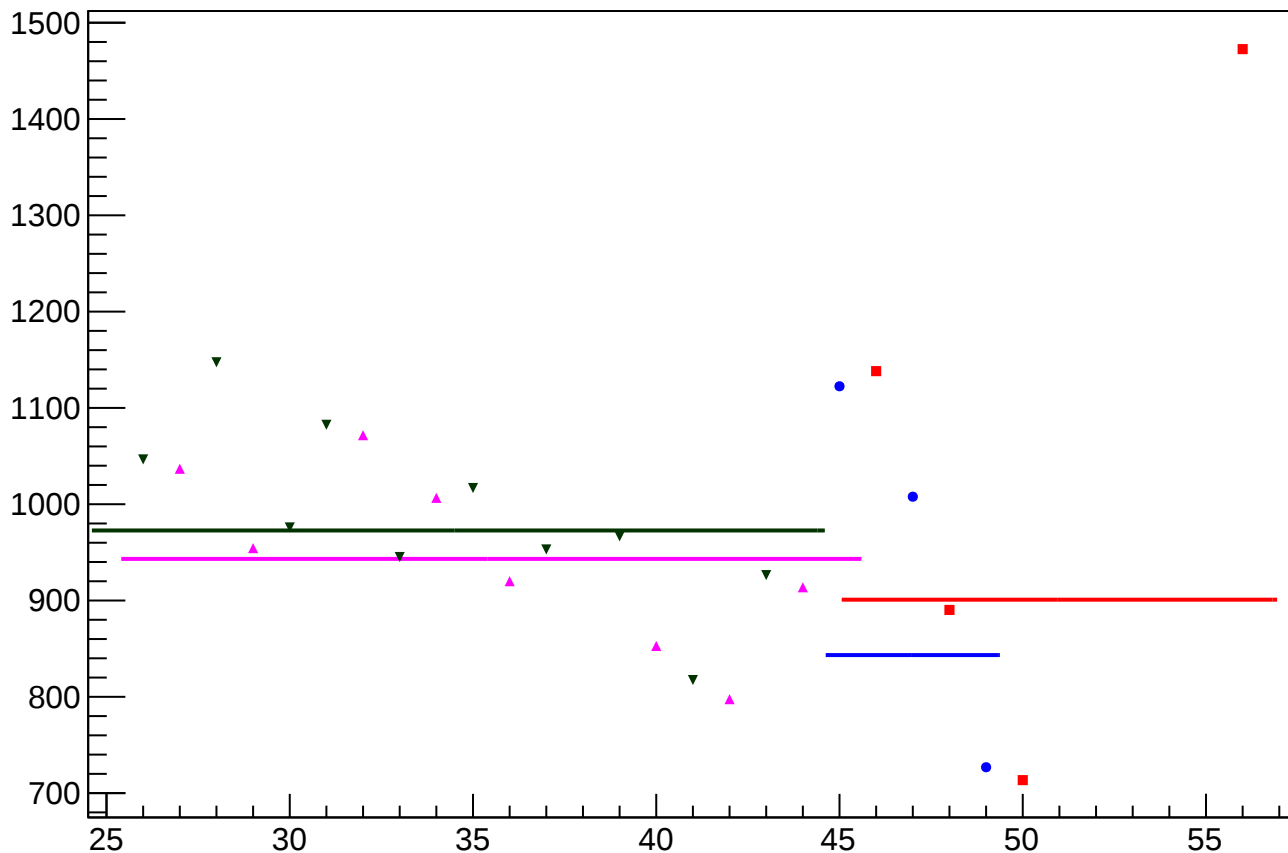
-158.668 ± 351.174 χ^2/NDF : 7.9/12

Right Out: -164.747 ± 682.914 χ^2/NDF : 6.5/3

-681.456 ± 357.376 χ^2/NDF : 14.2/11

Left In: -876.325 ± 419.386 χ^2/NDF : 6.9/7

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

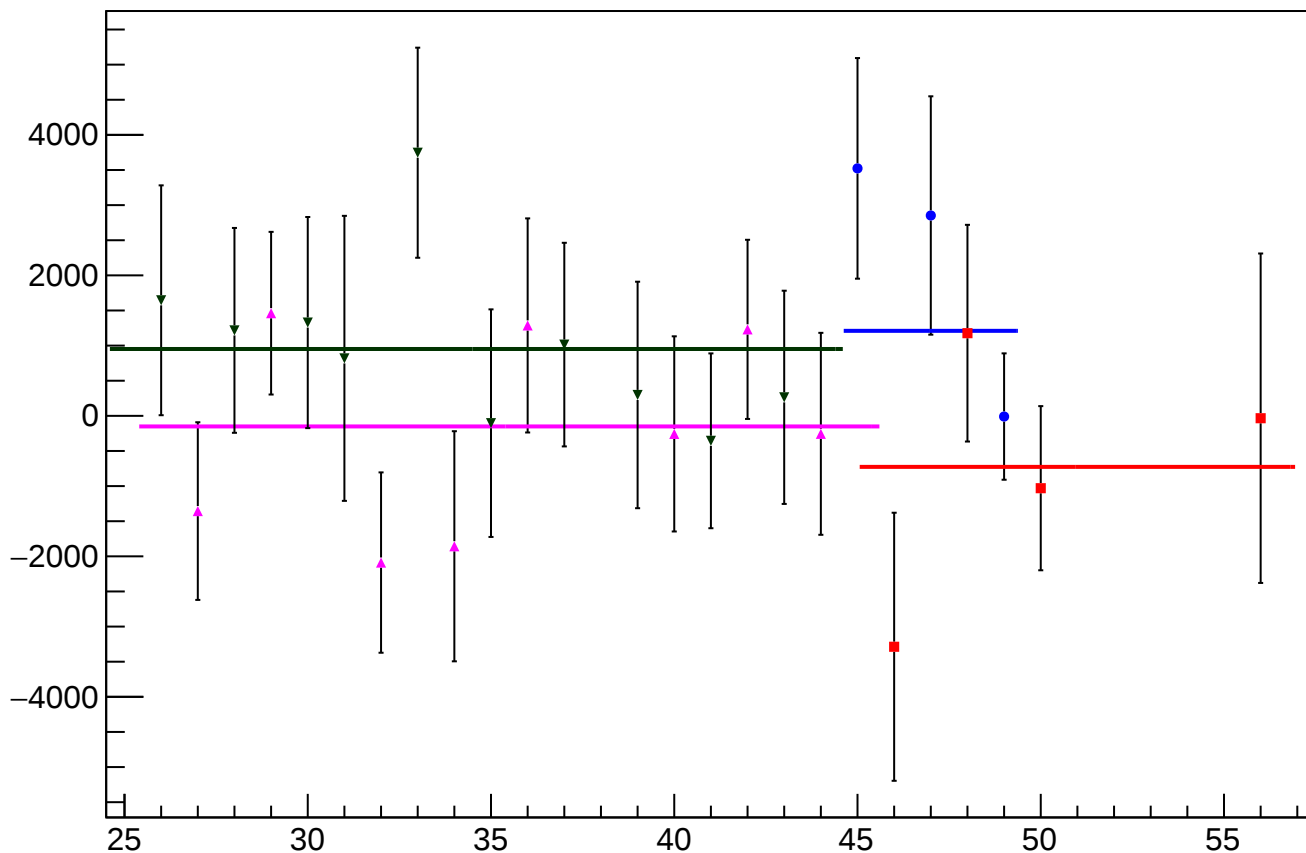
Right Out: 900.871 ± 0.483 χ^2/NDF : 254277.1/3

Left In: 943.222 ± 0.297 χ^2/NDF : 91364.0/7

930.056 ± 0.248 χ^2/NDF : 300129.3/12

931.624 ± 0.253 χ^2/NDF : 351226.7/11

asym_atl1_mean vs slug



Right In: 1210.267 ± 709.108 $\chi^2/\text{NDF}: 4.9/2$

Left Out: 951.884 ± 482.337 $\chi^2/\text{NDF}: 5.7/9$

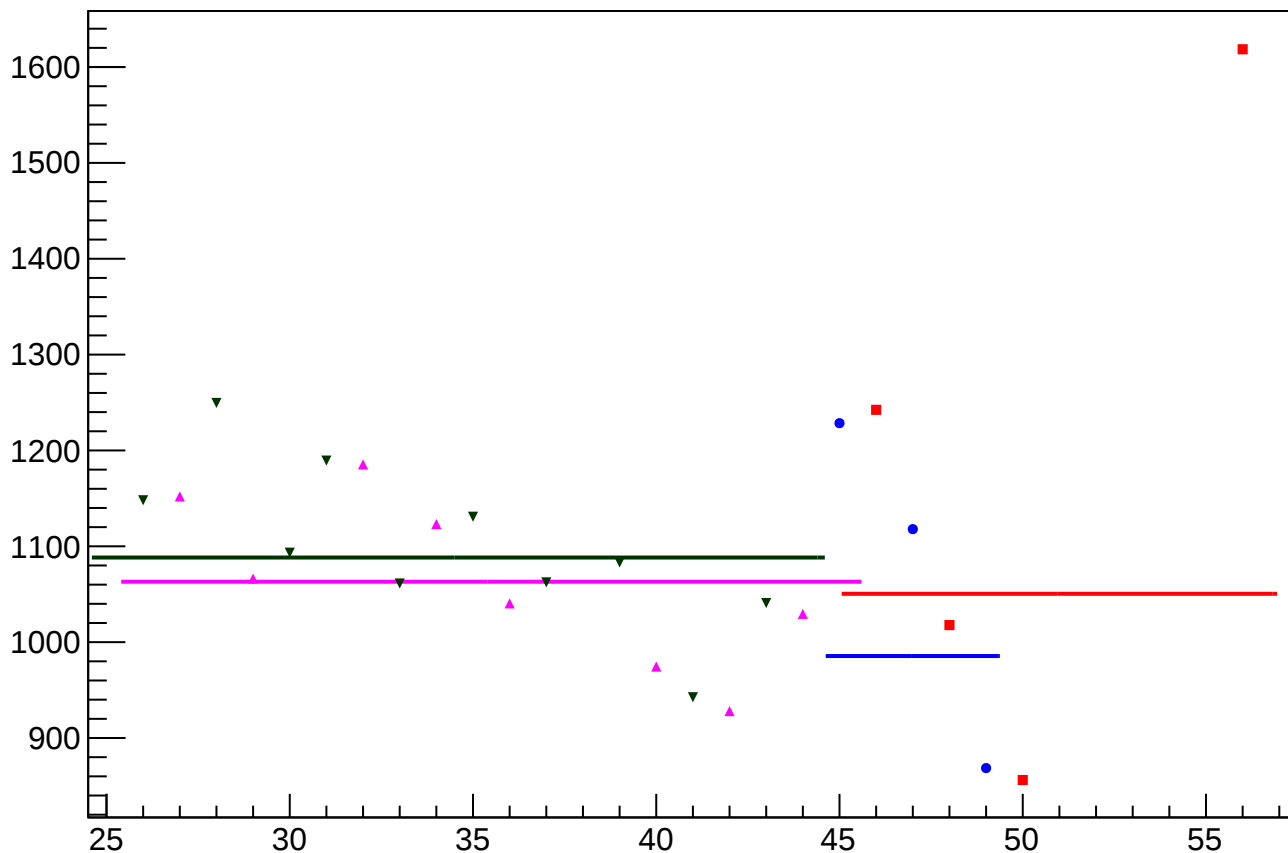
Right Out: -726.373 ± 788.320 $\chi^2/\text{NDF}: 3.5/3$

Left In: -150.701 ± 476.838 $\chi^2/\text{NDF}: 8.3/7$

1033.616 ± 398.820 $\chi^2/\text{NDF}: 10.7/12$

-304.906 ± 408.004 $\chi^2/\text{NDF}: 12.2/11$

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

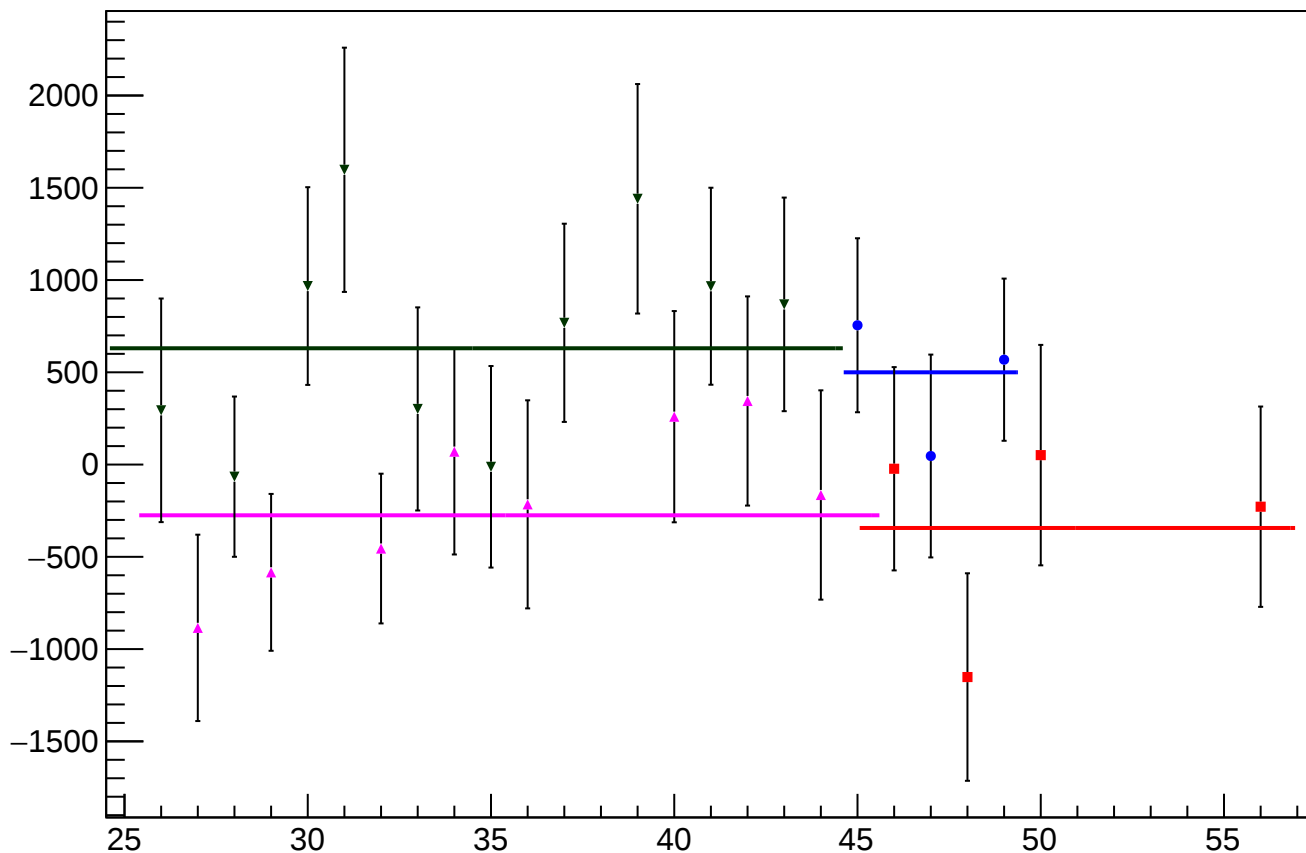
Right Out: 1050.467+/-0.557 χ^2/NDF : 193786.0/3

Left In: 1063.060+/-0.337 χ^2/NDF : 62842.0/7

1055.785+/-0.282 χ^2/NDF : 186743.8/12

1059.687+/-0.289 χ^2/NDF : 257001.7/11

reg_asym_atl2_mean vs slug



Right In: 499.918+/-277.485 χ^2/NDF : 1.0/2

Left Out: 630.254+/-174.091 χ^2/NDF : 9.5/9

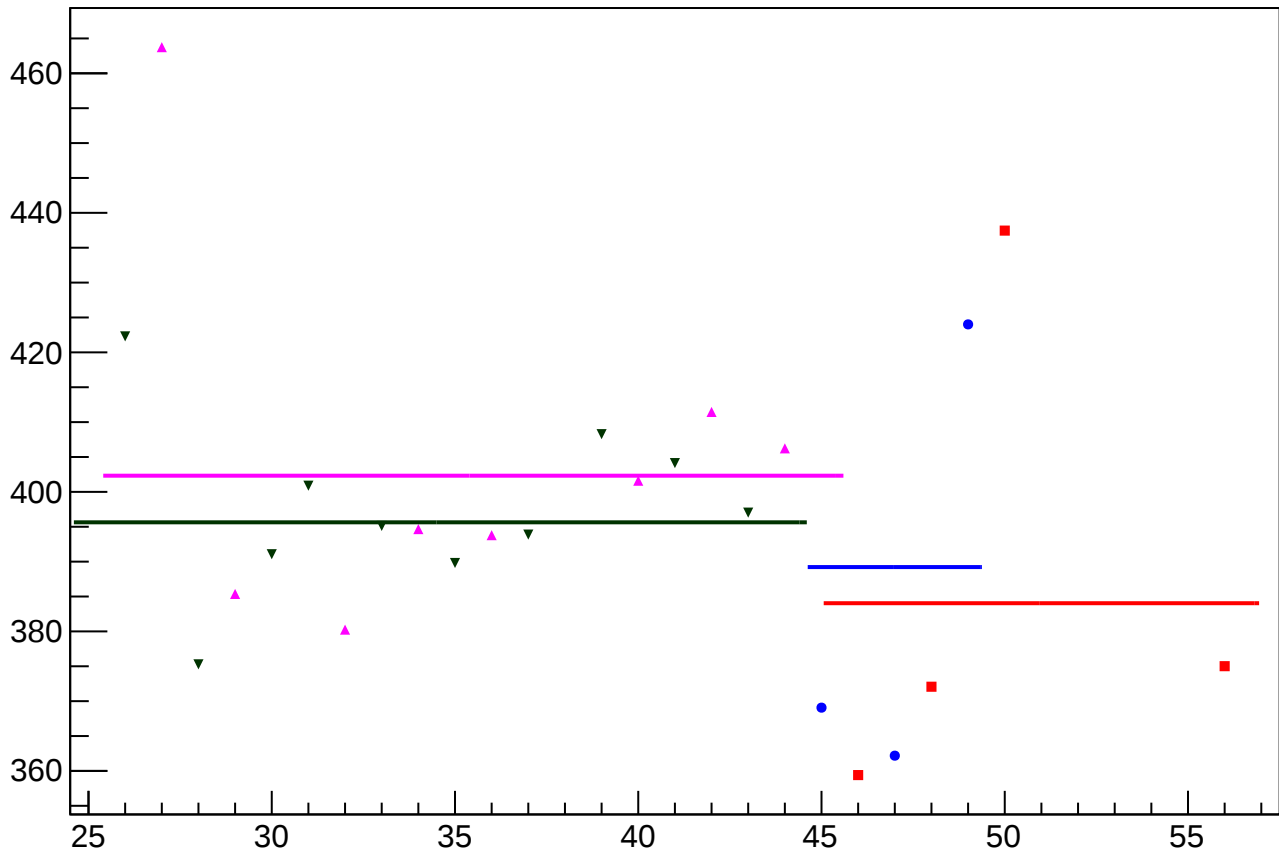
Right Out: -343.650+/-281.114 χ^2/NDF : 2.9/3

Left In: -274.945+/-179.112 χ^2/NDF : 4.7/7

593.441+/-147.470 χ^2/NDF : 10.6/12

-294.783+/-151.056 χ^2/NDF : 7.6/11

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

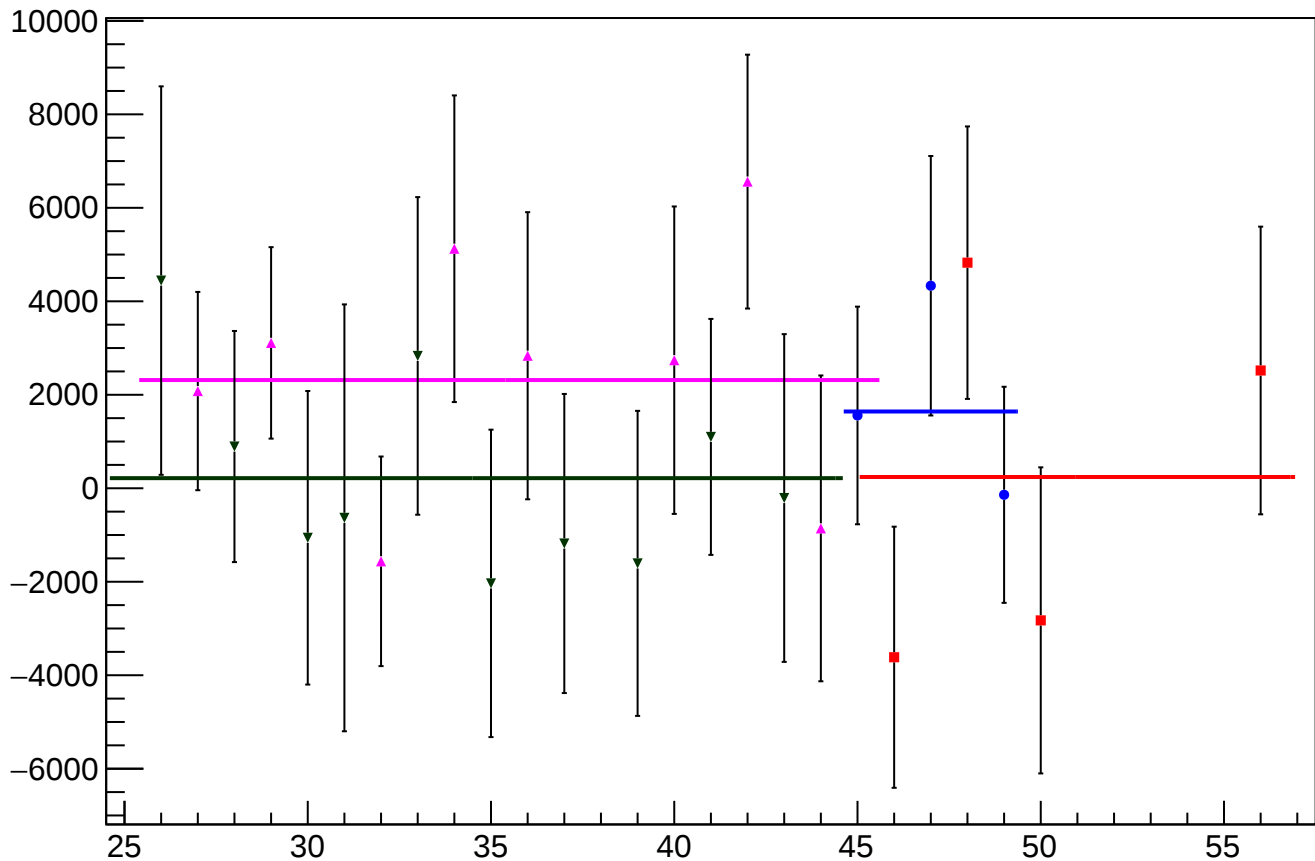
Right Out: 384.041 ± 0.199 χ^2/NDF : 21450.1/3

Left In: 402.320 ± 0.127 χ^2/NDF : 40146.8/7

393.824 ± 0.104 χ^2/NDF : 31926.8/12

397.042 ± 0.107 χ^2/NDF : 67611.8/11

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 $\chi^2/\text{NDF}: 3.0/9$

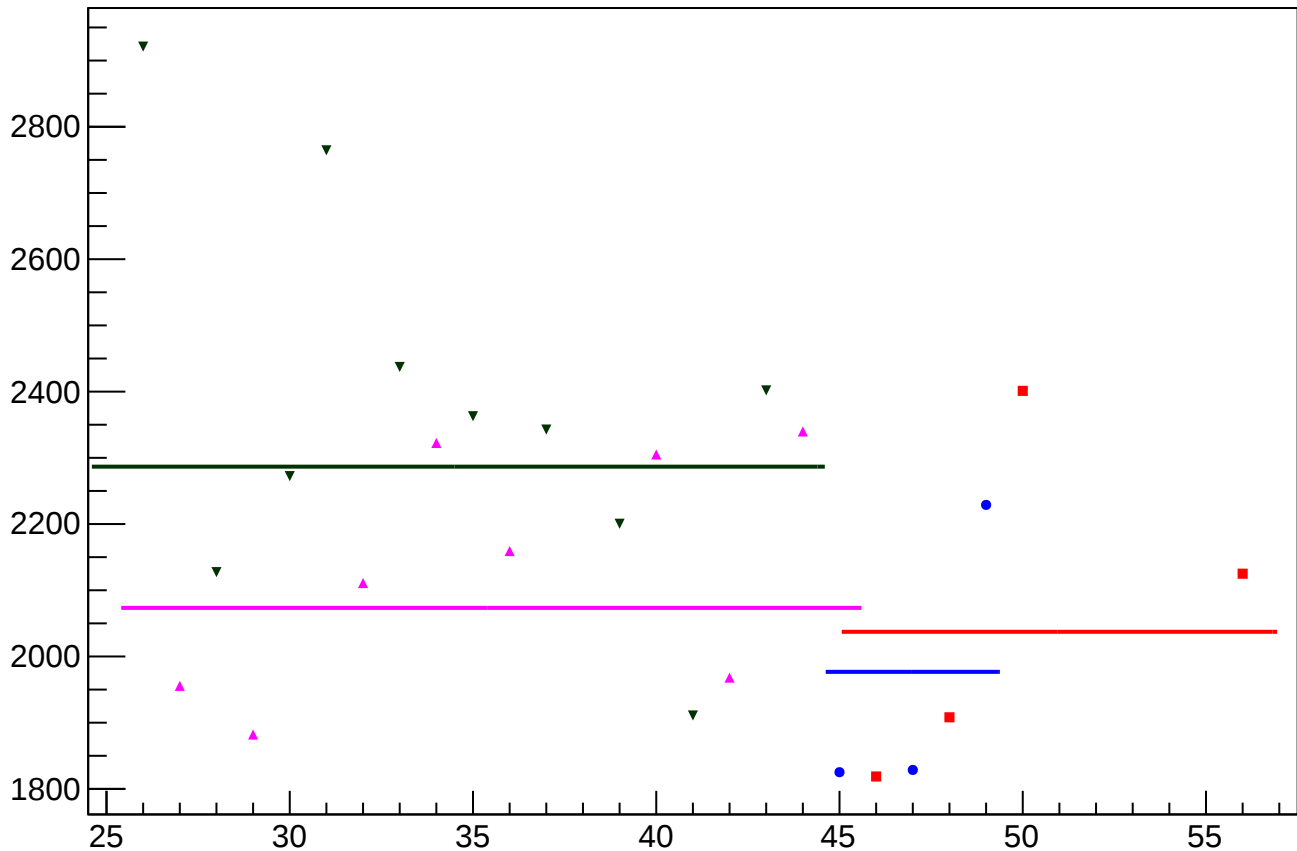
Right Out: 241.006 ± 1499.483 $\chi^2/\text{NDF}: 5.8/3$

Left In: 2315.339 ± 920.569 $\chi^2/\text{NDF}: 7.3/7$

699.074 ± 821.637 $\chi^2/\text{NDF}: 5.2/12$

1747.526 ± 784.521 $\chi^2/\text{NDF}: 14.5/11$

asym_atl2_correction_rms vs slug



Right In: 1976.786+/-0.999 χ^2/NDF : 37976.5/2

Left Out: 2286.677+/-0.714 χ^2/NDF :130336.9/9

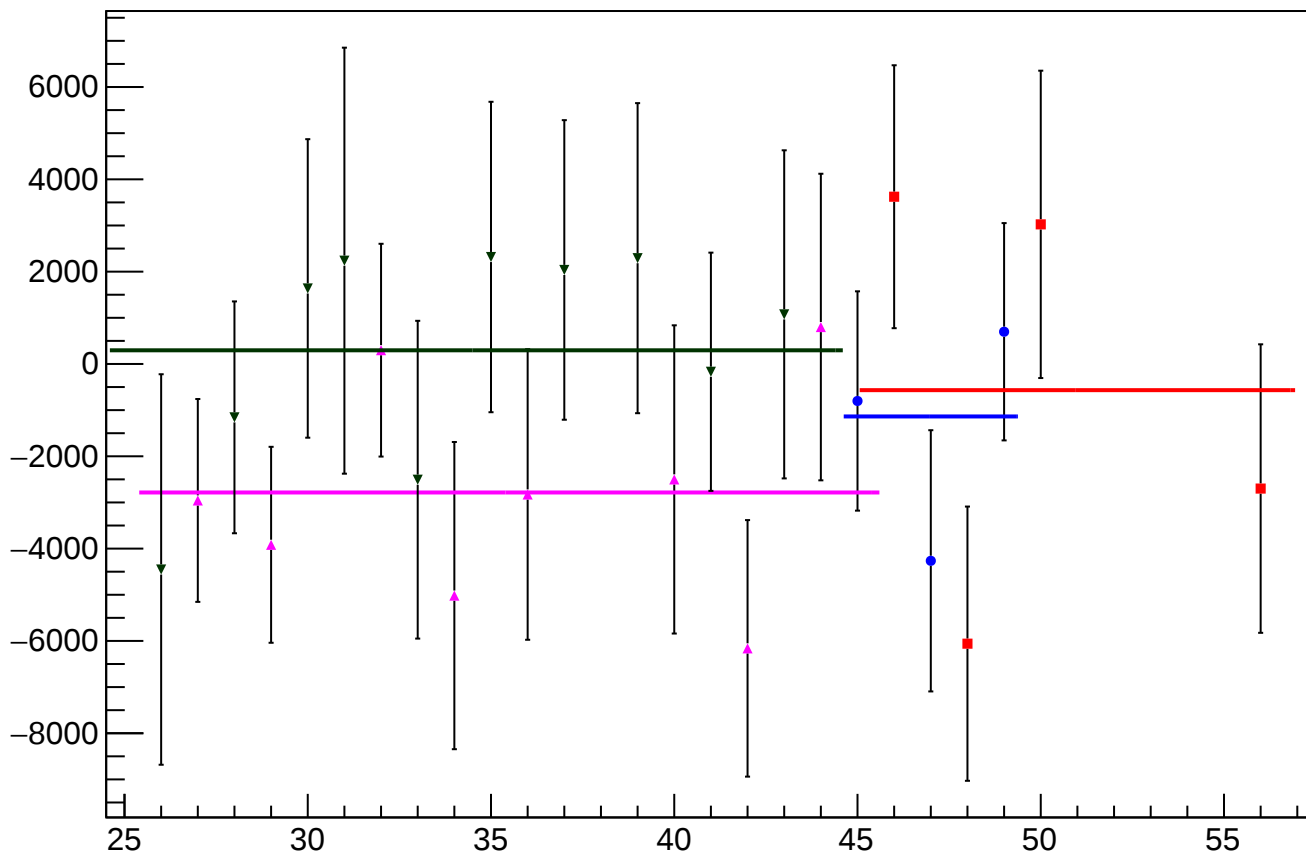
2181.768+/-0.581 χ^2/NDF : 232022.2/12

Right Out: 2037.266+/-1.060 χ^2/NDF : 42497.8/3

2063.499+/-0.555 χ^2/NDF : 106797.9/11

Left In: 2073.386+/-0.651 χ^2/NDF :63457.3/7

asym_atl2_mean vs slug



Right In: -1137.023 $\pm$ 1439.514 χ^2/NDF : 1.8/2

Left Out: 296.079 $\pm$ 1029.874 χ^2/NDF : 3.7/9

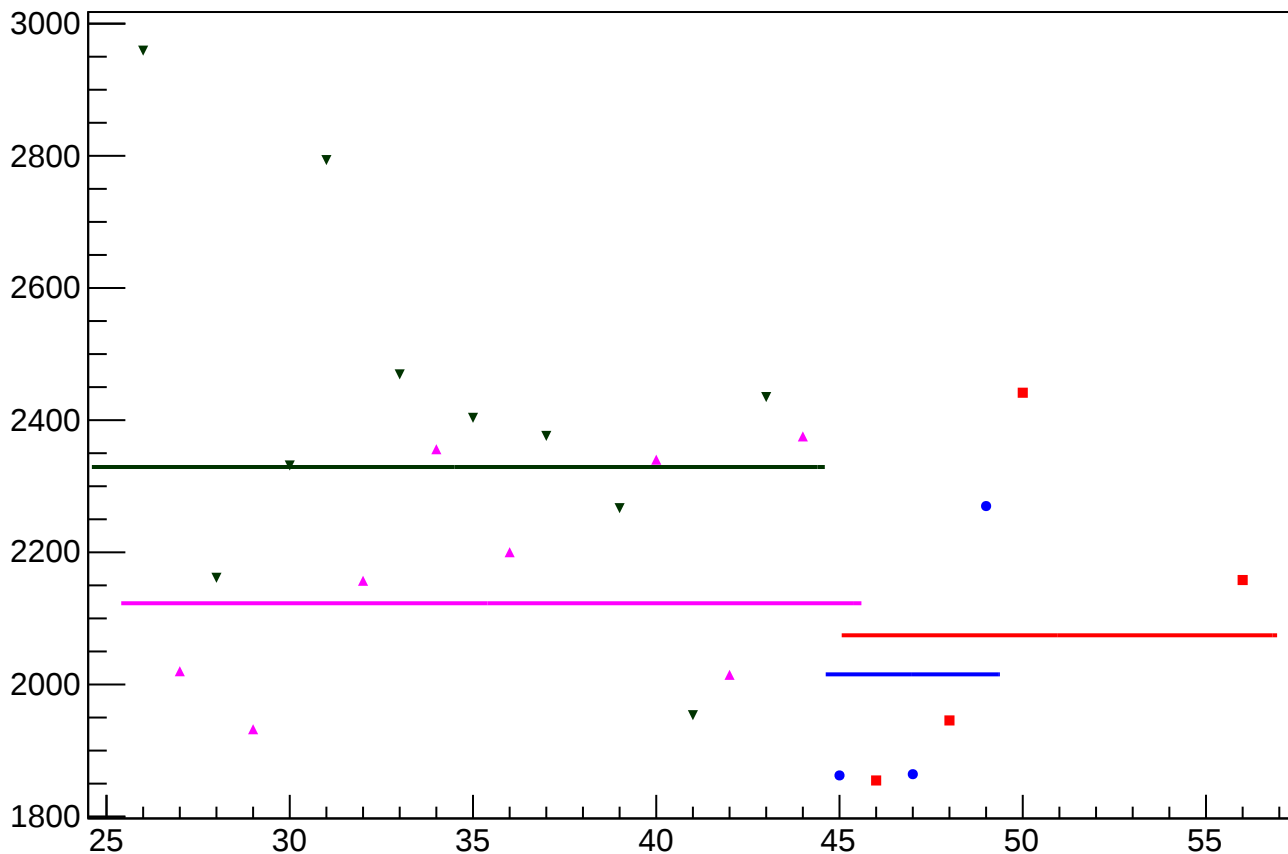
Right Out: -567.366 $\pm$ 1526.367 χ^2/NDF : 7.2/3

Left In: -2784.125 $\pm$ 945.556 χ^2/NDF : 5.2/7

-189.105 $\pm$ 837.589 χ^2/NDF : 6.2/12

-2169.352 $\pm$ 803.817 χ^2/NDF : 13.9/11

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

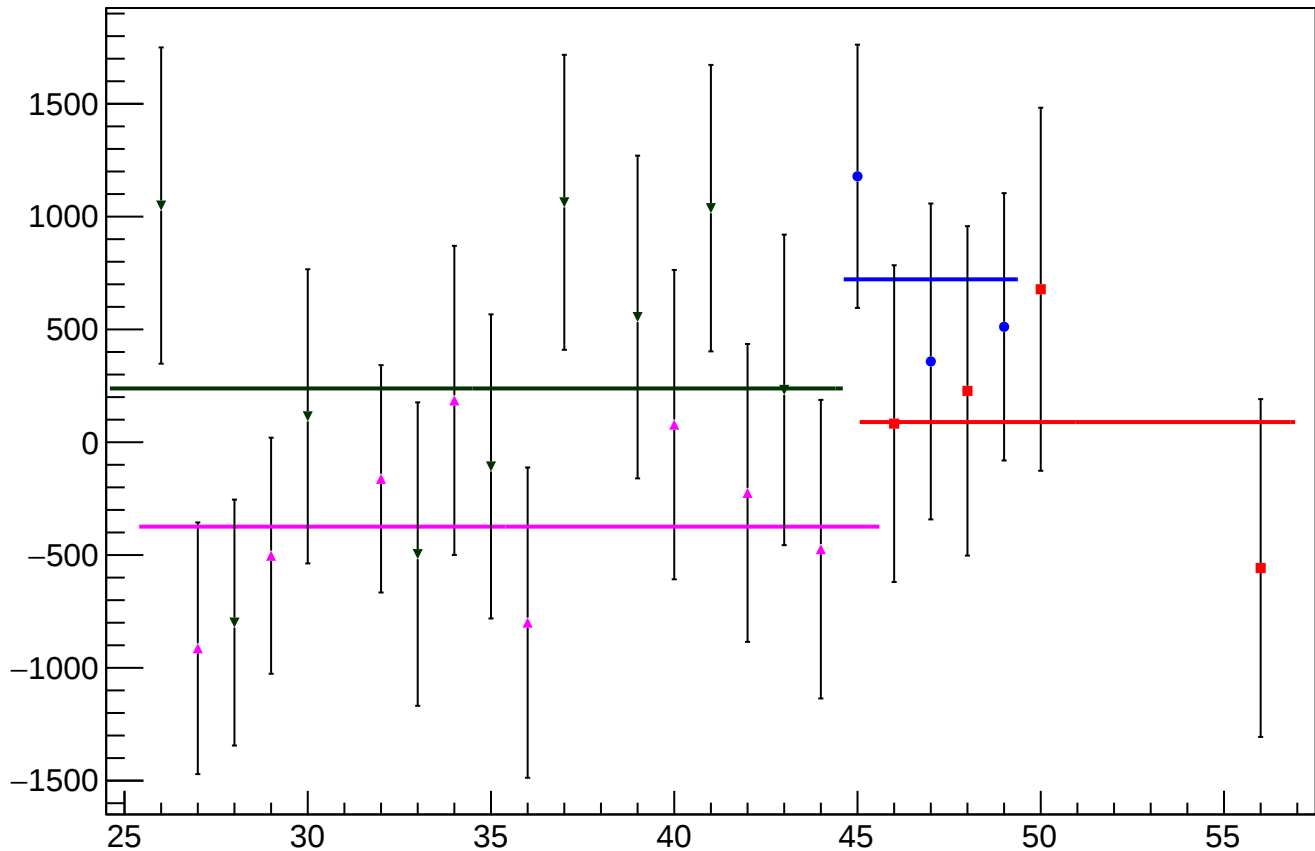
Right Out: 2074.451+/-1.079 χ^2/NDF : 41406.6/3

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2222.895+/-0.592 χ^2/NDF : 223335.3/12

2109.495+/-0.568 χ^2/NDF : 97902.5/11

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

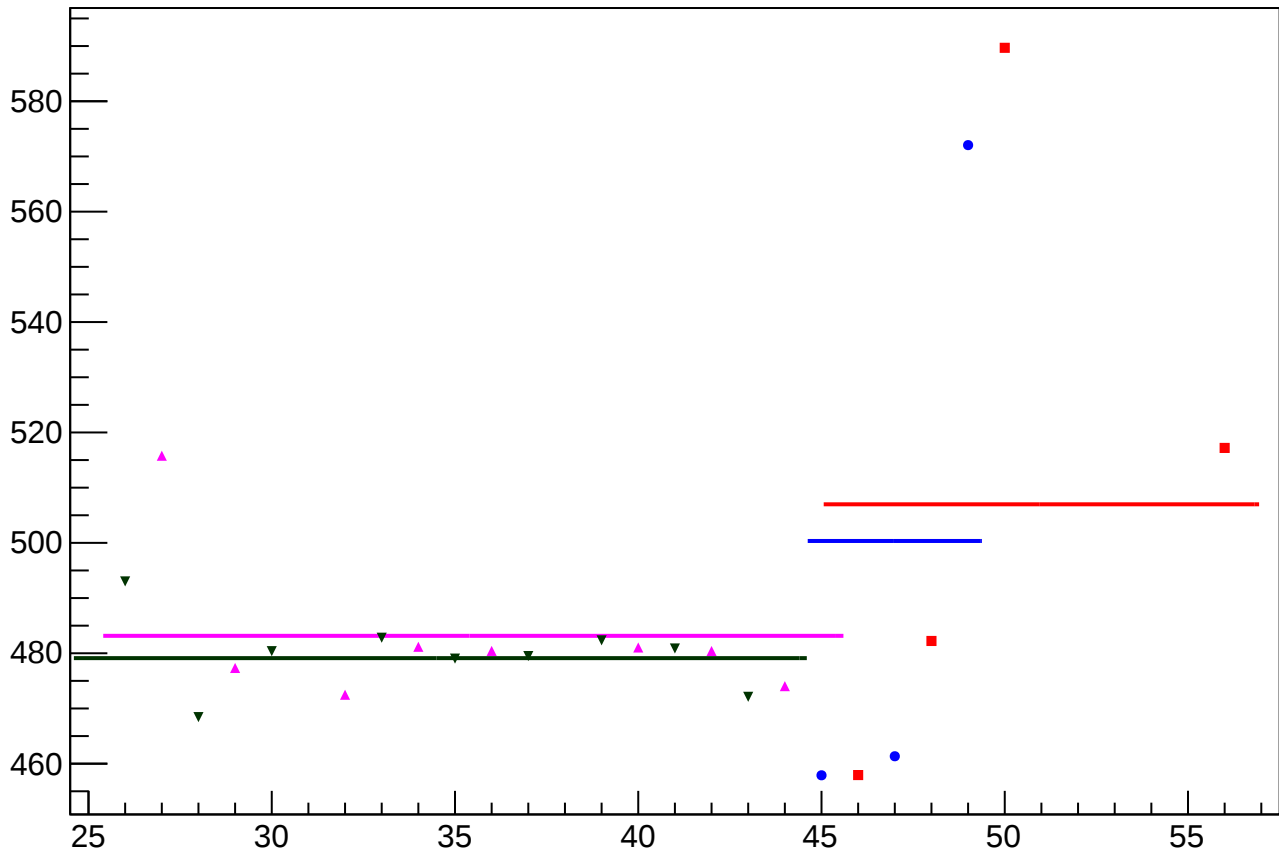
Right Out: 89.438 $\pm$ 371.796 χ^2/NDF : 1.3/3

Left In: -374.119 $\pm$ 214.392 χ^2/NDF : 2.7/7

369.453 $\pm$ 186.074 χ^2/NDF : 12.2/11

-258.444 $\pm$ 185.726 χ^2/NDF : 5.2/11

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

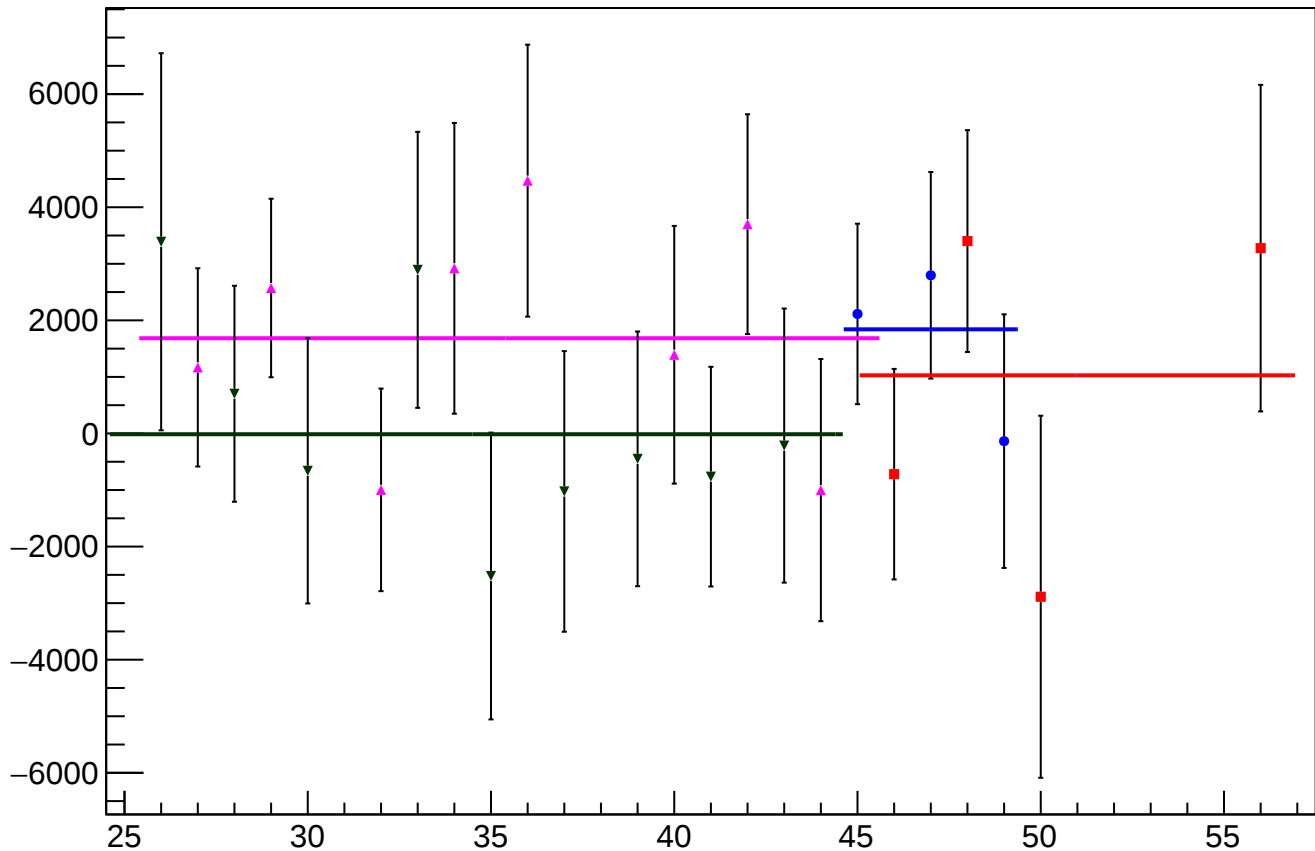
Right Out: 506.985+/-0.263 χ^2/NDF : 33560.7/3

Left In: 483.160+/-0.152 χ^2/NDF : 8470.0/7

484.872+/-0.132 χ^2/NDF : 53123.0/11

489.105+/-0.131 χ^2/NDF : 48193.9/11

asym_atr1_correction_mean vs slug



Right In: 1841.360 $\pm$ 1059.145 χ^2/NDF : 1.1/2

Left Out: -13.564 $\pm$ 775.077 χ^2/NDF : 4.0/8

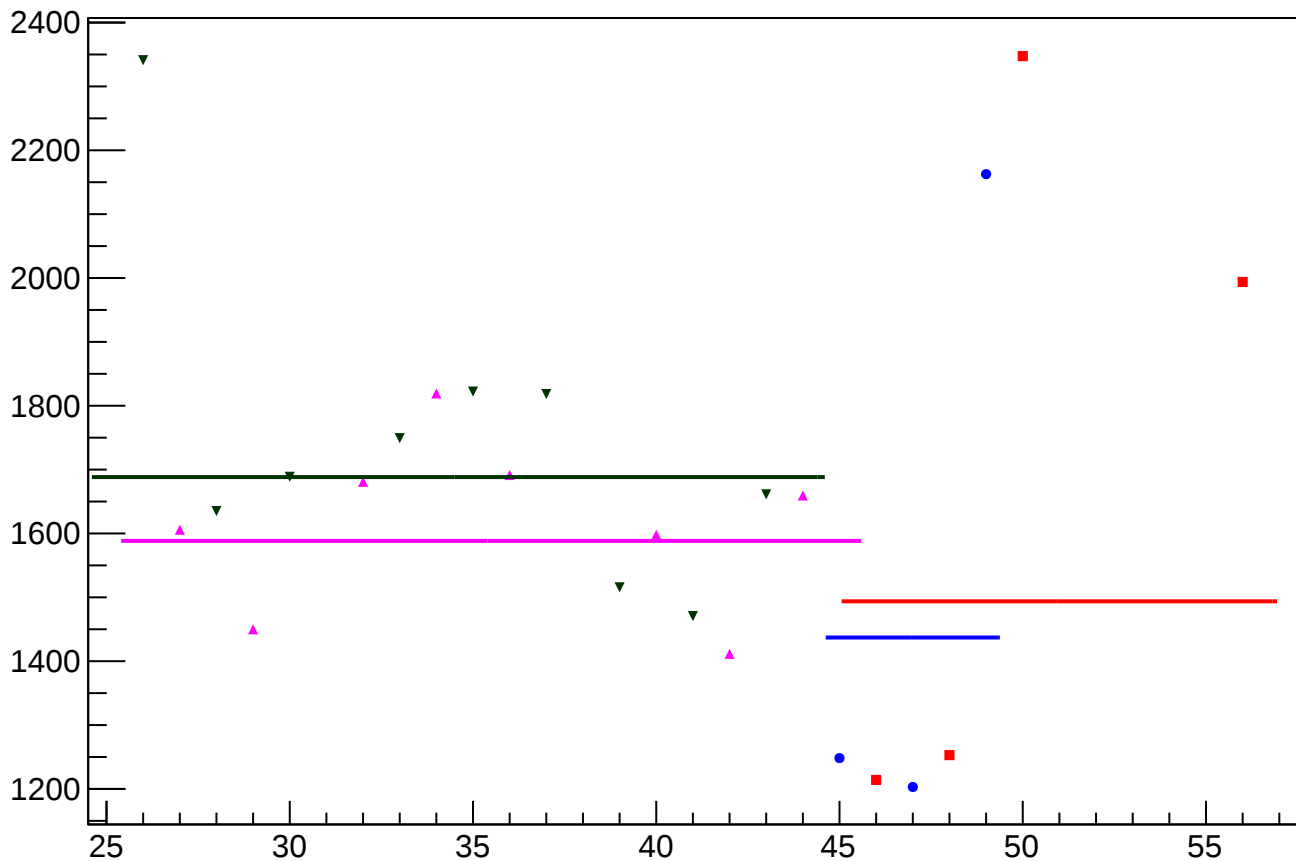
Right Out: 1027.872 $\pm$ 1142.446 χ^2/NDF : 4.4/3

Left In: 1683.939 $\pm$ 705.940 χ^2/NDF : 6.7/7

633.352 $\pm$ 625.484 χ^2/NDF : 7.1/11

1502.655 $\pm$ 600.539 χ^2/NDF : 11.3/11

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

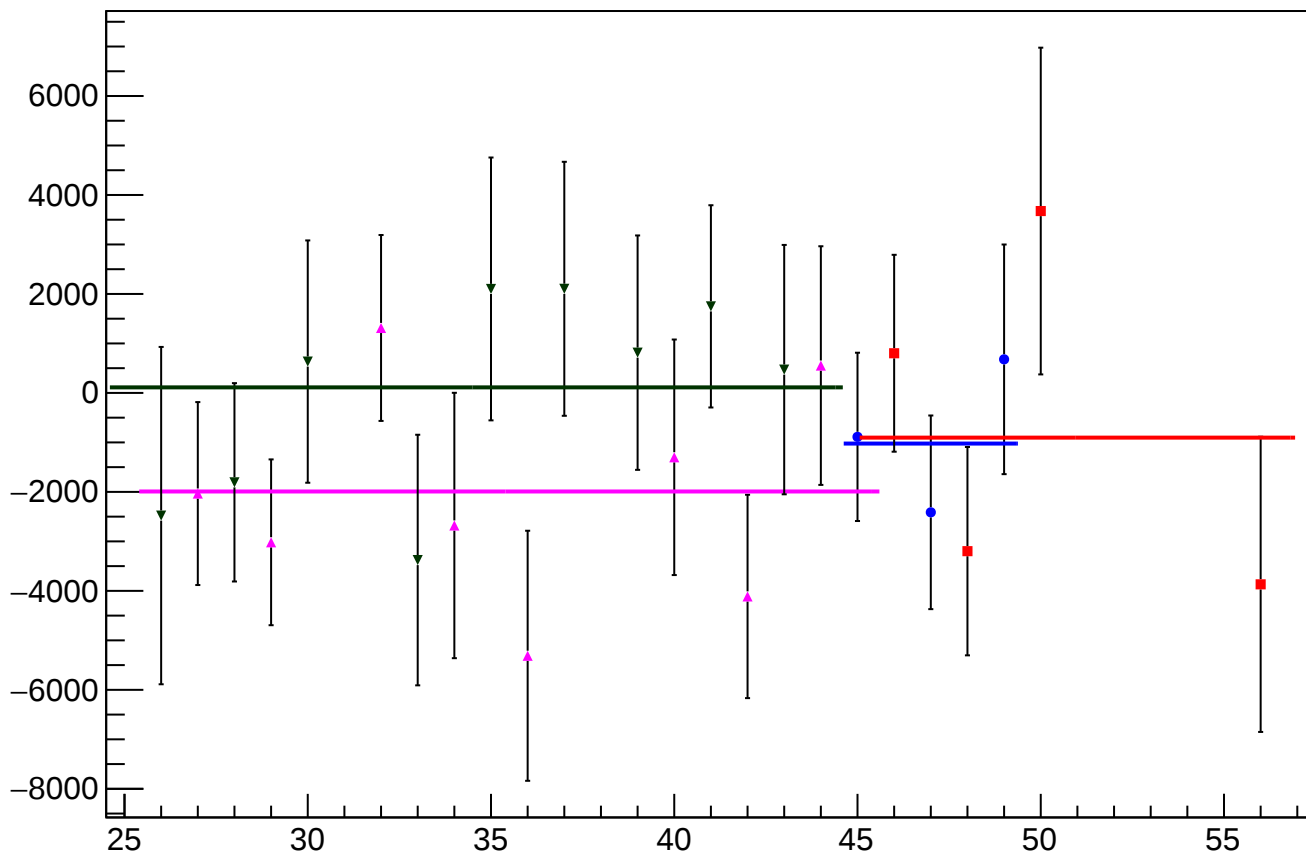
1600.710+/-0.442 χ^2/NDF : 471242.0/11

Right Out: 1493.749+/-0.808 χ^2/NDF : 277580.6/3

1562.240+/-0.425 χ^2/NDF : 346741.2/11

Left In: 1588.391+/-0.499 χ^2/NDF : 59227.6/7

asym_atr1_mean vs slug



Right In: -1023.323 $\pm$ 1123.065 χ^2/NDF : 1.0/2

Left Out: 112.152 $\pm$ 809.295 χ^2/NDF : 5.4/8

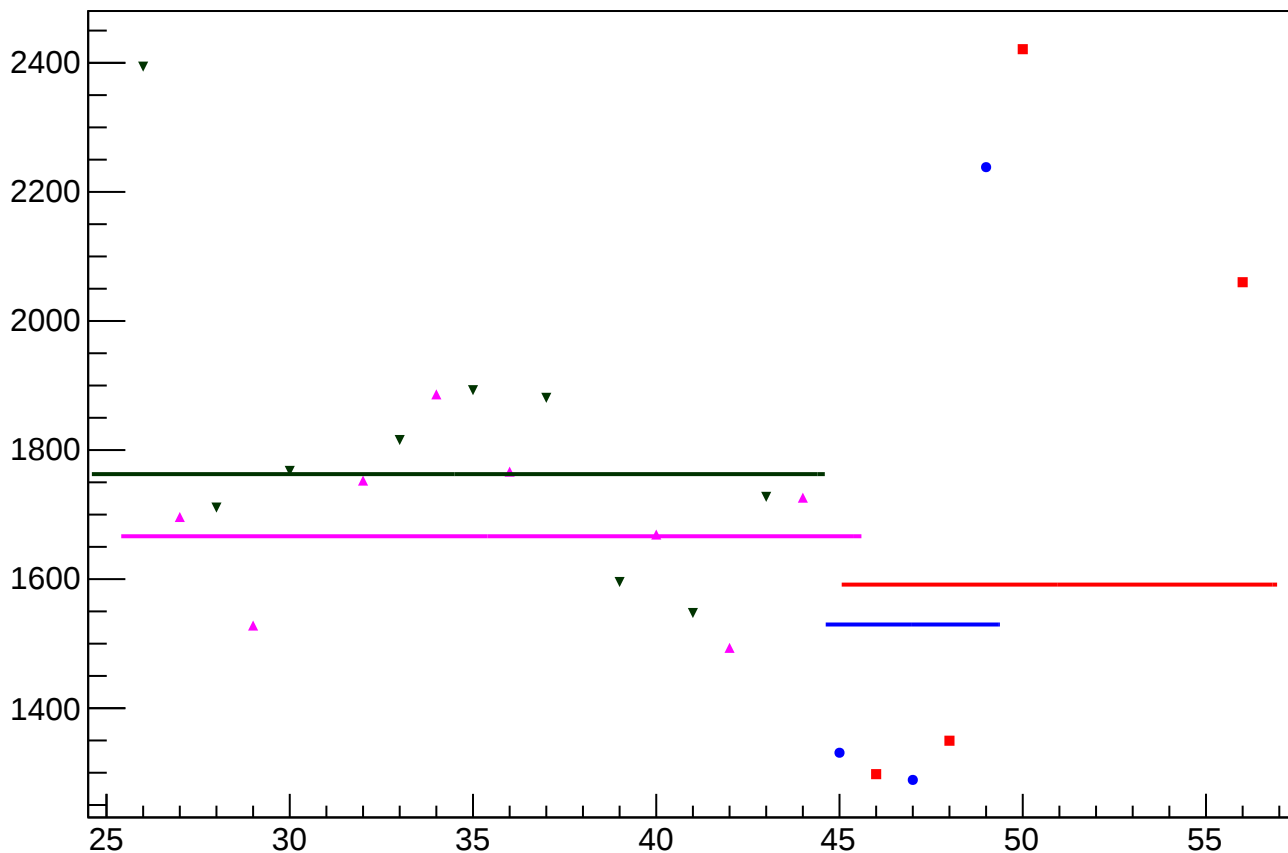
Right Out: -903.341 $\pm$ 1210.491 χ^2/NDF : 4.8/3

Left In: -1991.664 $\pm$ 742.563 χ^2/NDF : 7.5/7

-275.947 $\pm$ 656.580 χ^2/NDF : 7.1/11

-1694.096 $\pm$ 632.959 χ^2/NDF : 12.9/11

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

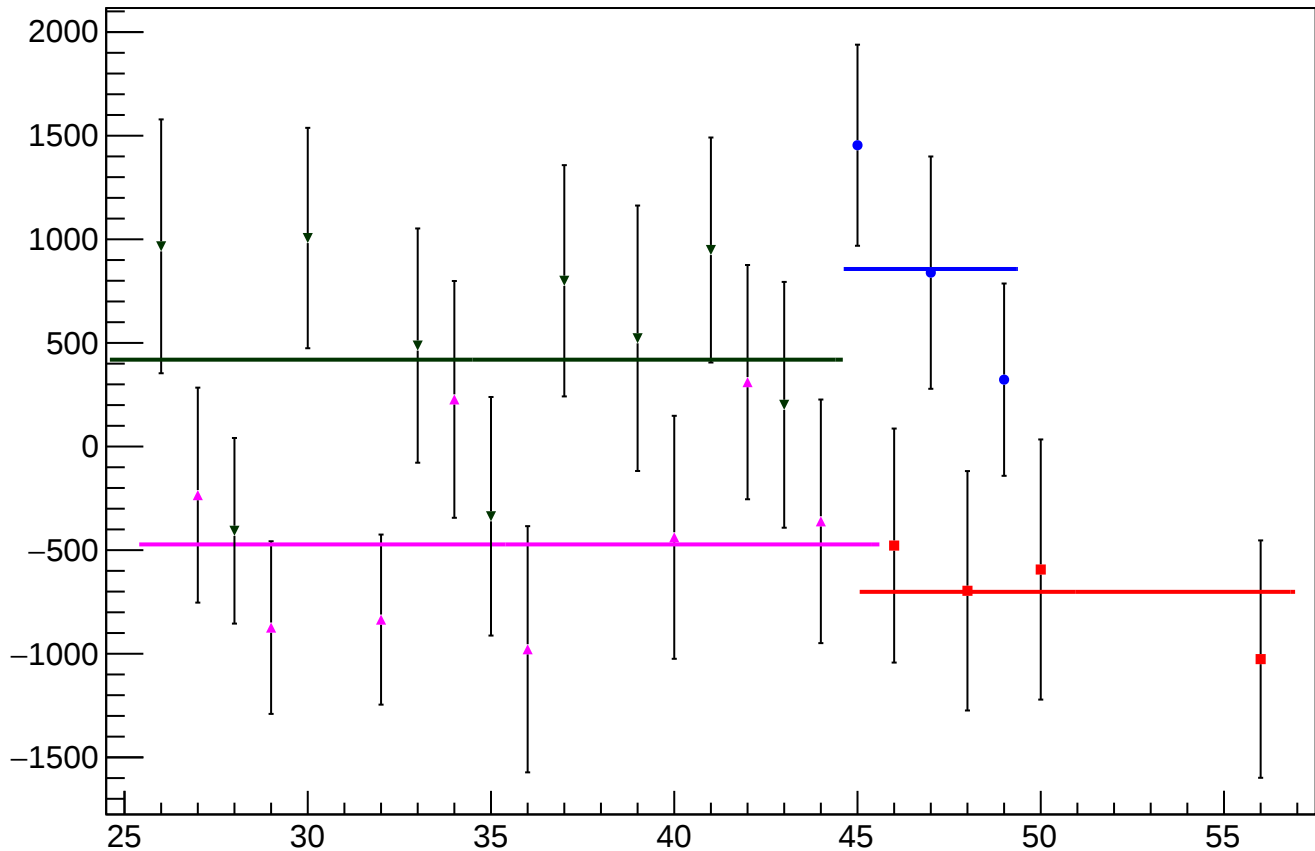
Right Out: 1591.515+/-0.856 χ^2/NDF : 245674.7/3

Left In: 1666.436+/-0.525 χ^2/NDF :50358.5/7

1683.068+/-0.464 χ^2/NDF : 413289.9/11

1645.951+/-0.448 χ^2/NDF : 301599.8/11

reg_asym_atr2_mean vs slug



Right In: 856.778 $\pm$ 287.796 χ^2/NDF : 2.8/2

Left Out: 419.150 $\pm$ 185.000 χ^2/NDF : 8.7/8

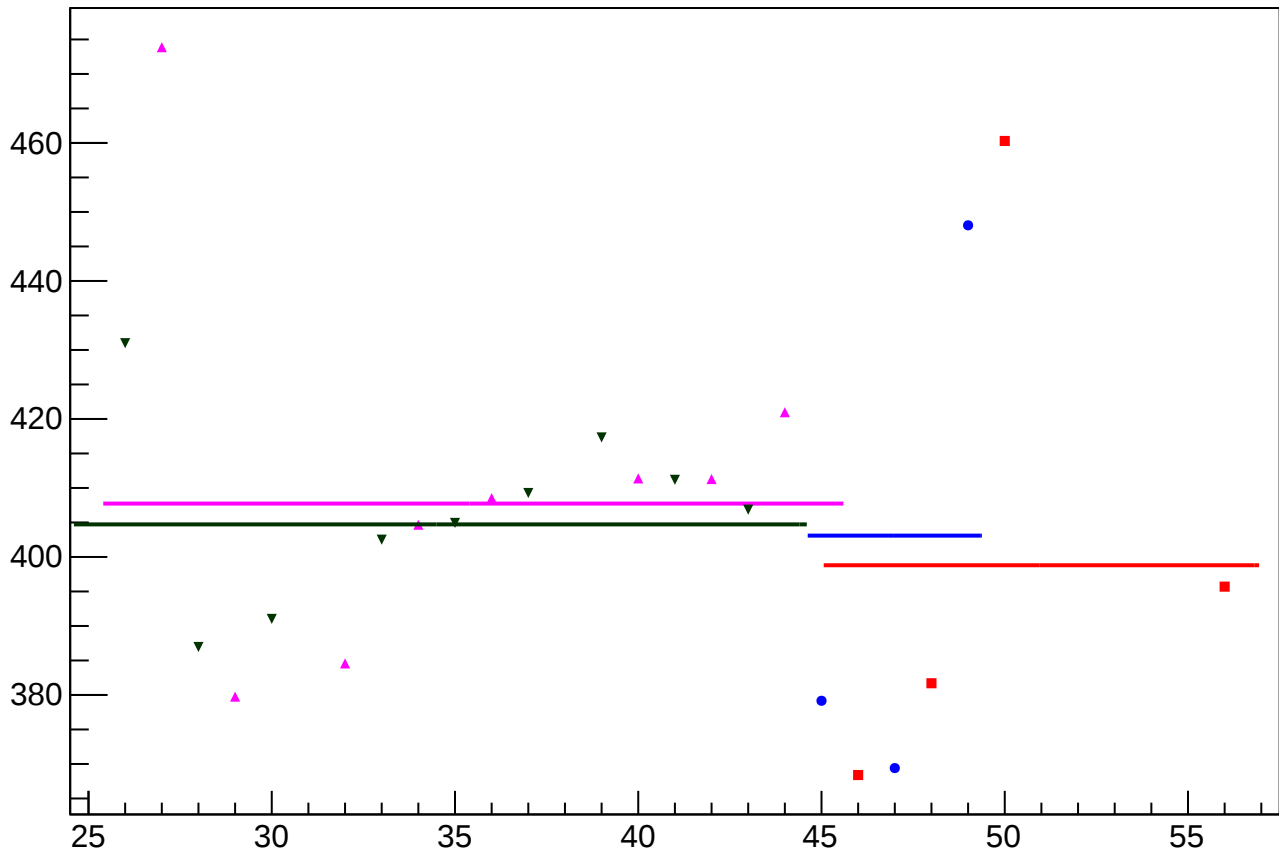
Right Out: -701.271 $\pm$ 292.125 χ^2/NDF : 0.5/3

Left In: -472.383 $\pm$ 181.829 χ^2/NDF : 6.1/7

547.109 $\pm$ 155.621 χ^2/NDF : 13.2/11

-536.299 $\pm$ 154.369 χ^2/NDF : 7.1/11

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

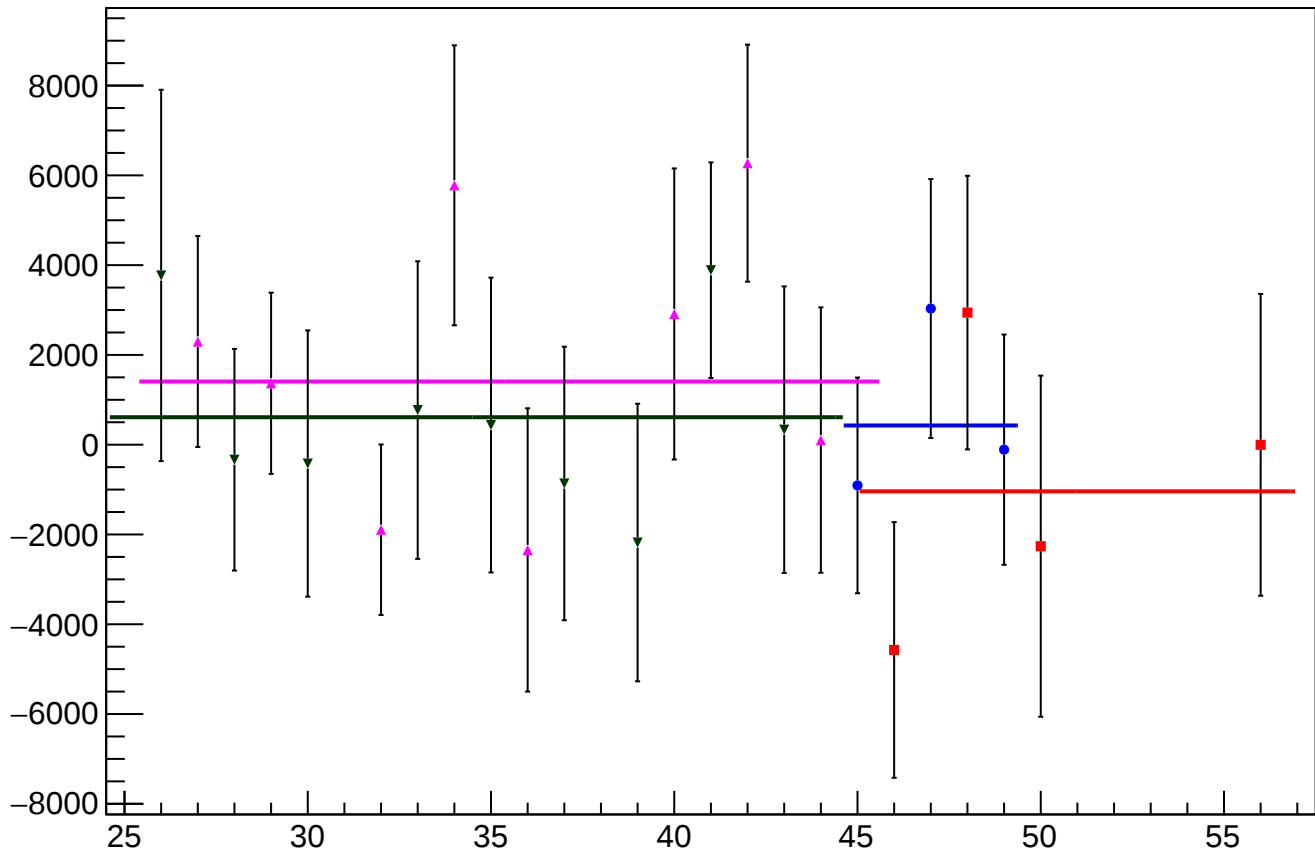
Right Out: 398.800 ± 0.207 χ^2/NDF : 26799.6/3

Left In: 407.737 ± 0.129 χ^2/NDF : 49136.5/7

404.246 ± 0.110 χ^2/NDF : 40315.0/11

405.241 ± 0.109 χ^2/NDF : 77285.3/11

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

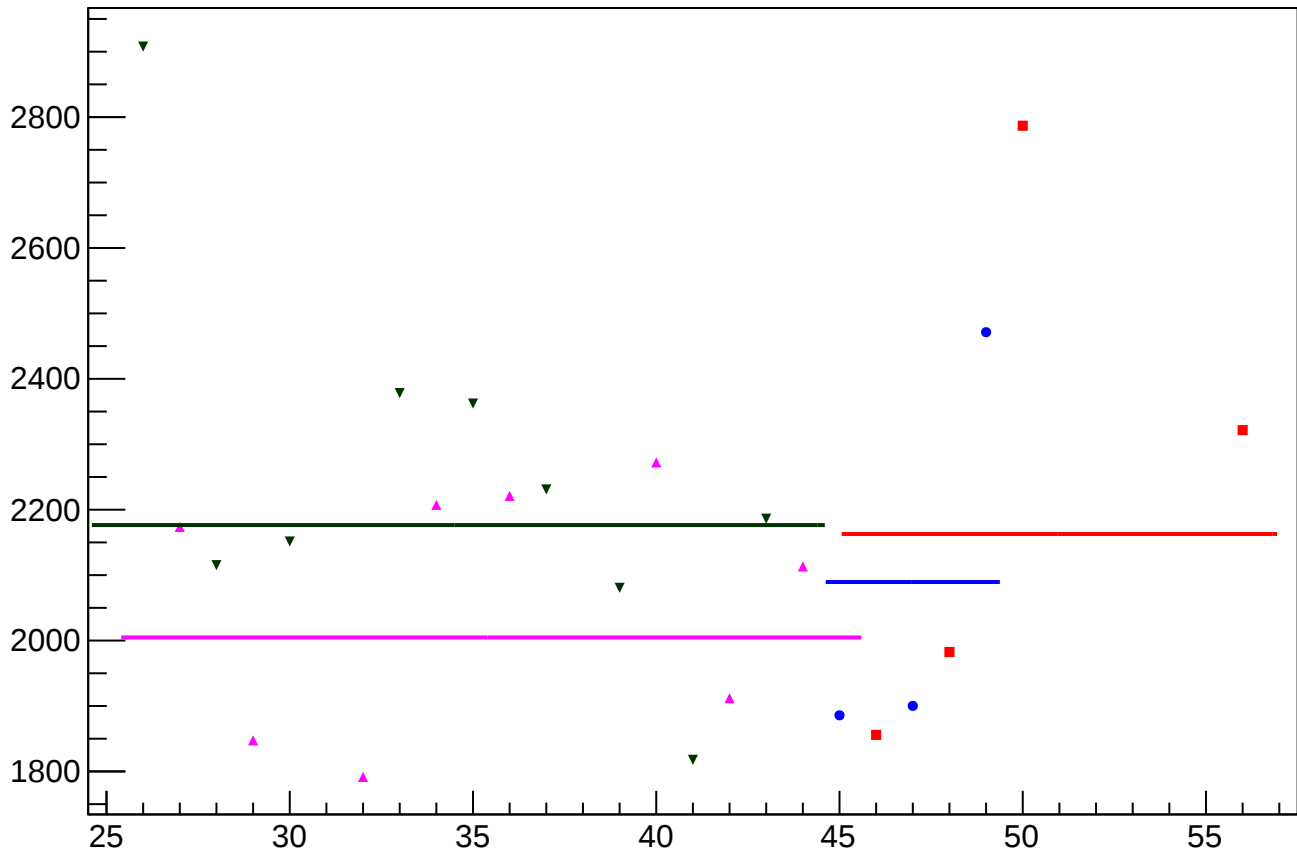
Right Out: -1038.953 ± 1603.918 χ^2/NDF : 3.4/3

Left In: 1408.067 ± 890.882 χ^2/NDF : 10.3/7

555.479 ± 830.679 χ^2/NDF : 5.0/11

831.122 ± 778.809 χ^2/NDF : 15.6/11

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

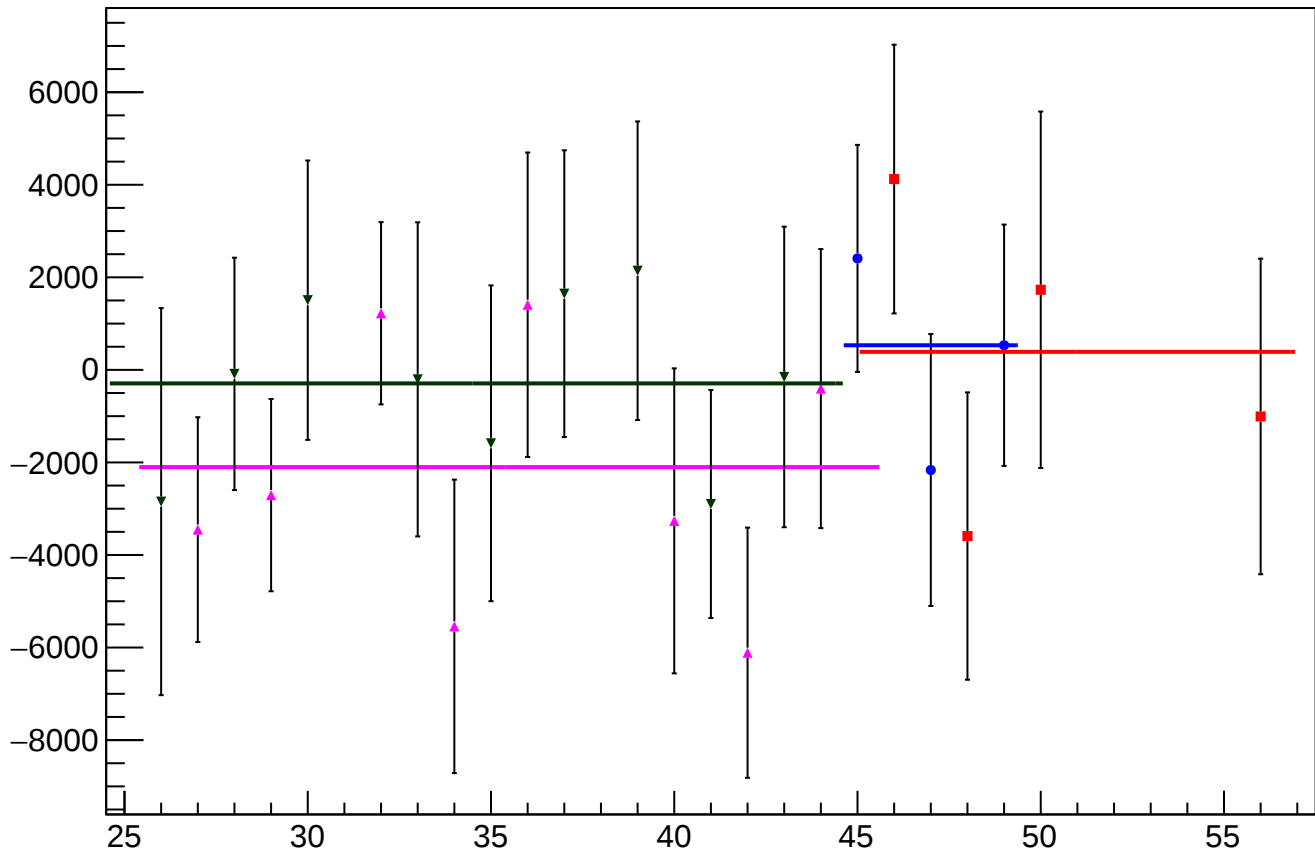
Right Out: 2162.817 ± 1.134 χ^2/NDF : 88633.6/3

Left In: 2004.754 ± 0.630 χ^2/NDF : 84278.5/7

2149.753 ± 0.587 χ^2/NDF : 196864.1/11

2042.021 ± 0.551 χ^2/NDF : 187756.0/11

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

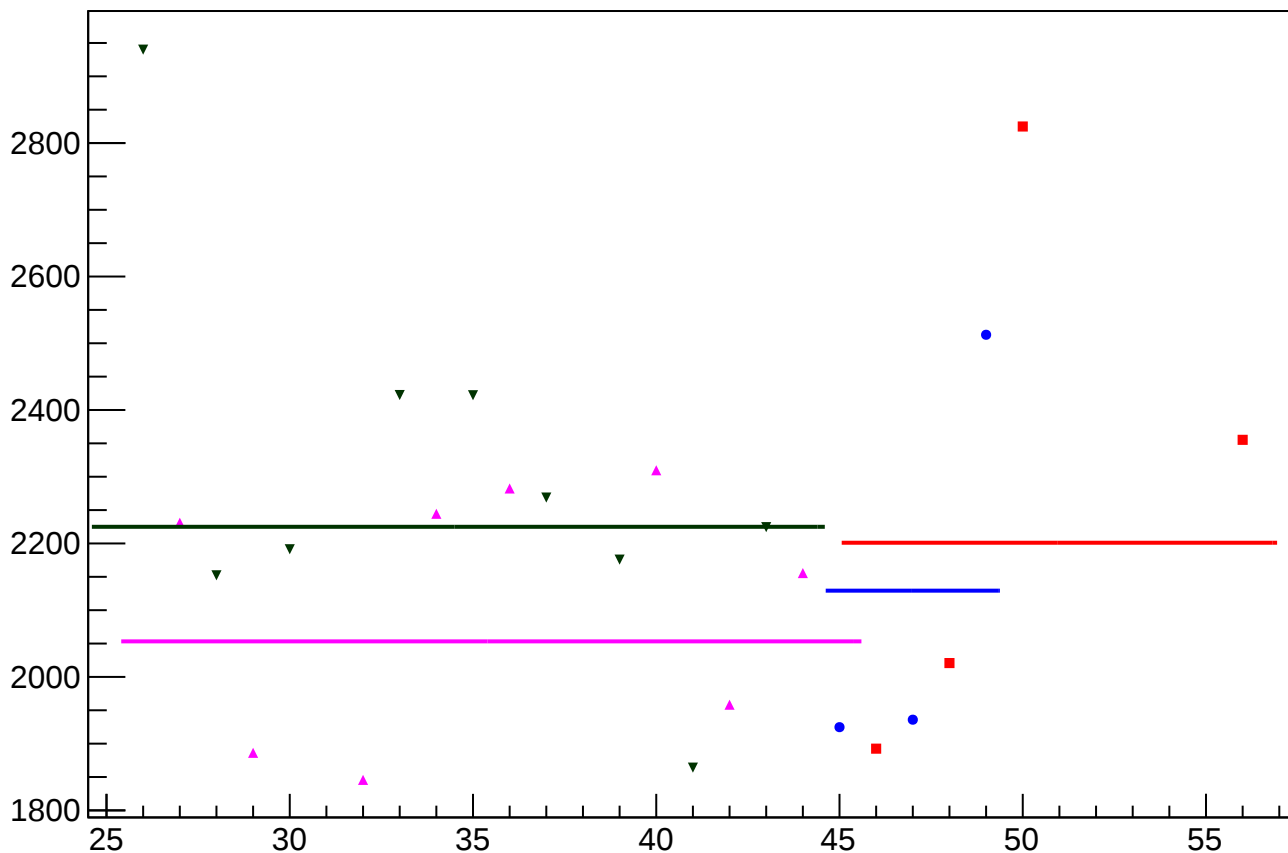
Right Out: 389.907 $\pm$ 1631.382 χ^2/NDF : 3.6/3

Left In: -2100.632 $\pm$ 916.751 χ^2/NDF : 8.2/7

-37.694 $\pm$ 848.979 χ^2/NDF : 4.6/11

-1502.909 $\pm$ 799.206 χ^2/NDF : 13.6/11

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

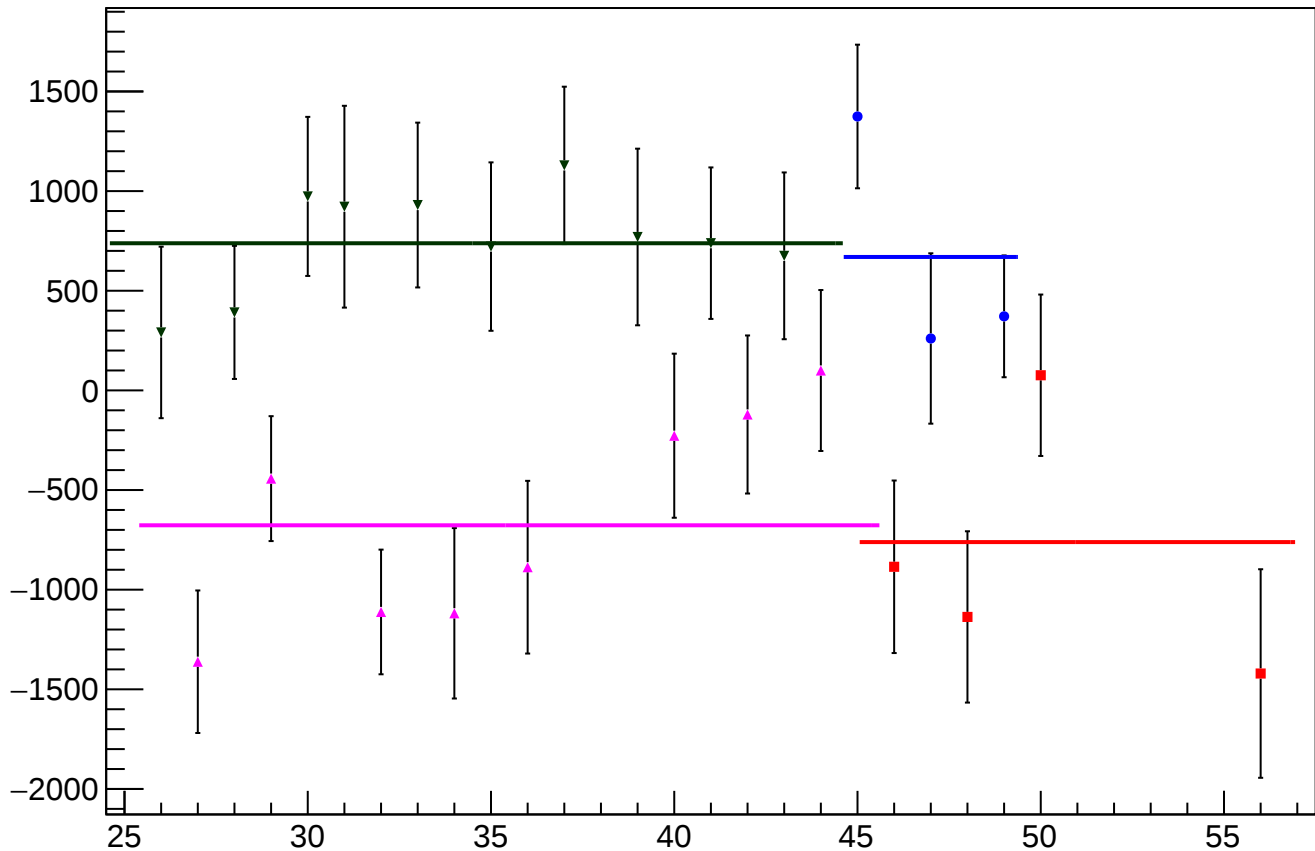
Right Out: 2201.075+/-1.154 χ^2/NDF : 85870.8/3

Left In: 2053.263+/-0.648 χ^2/NDF :79708.2/7

2195.363+/-0.600 χ^2/NDF : 188916.6/11

2088.737+/-0.565 χ^2/NDF : 178057.3/11

reg_asym_atl_avg_mean vs slug



Right In: 669.527 ± 204.630 χ^2/NDF : 5.7/2

Left Out: 738.316 ± 128.954 χ^2/NDF : 3.9/9

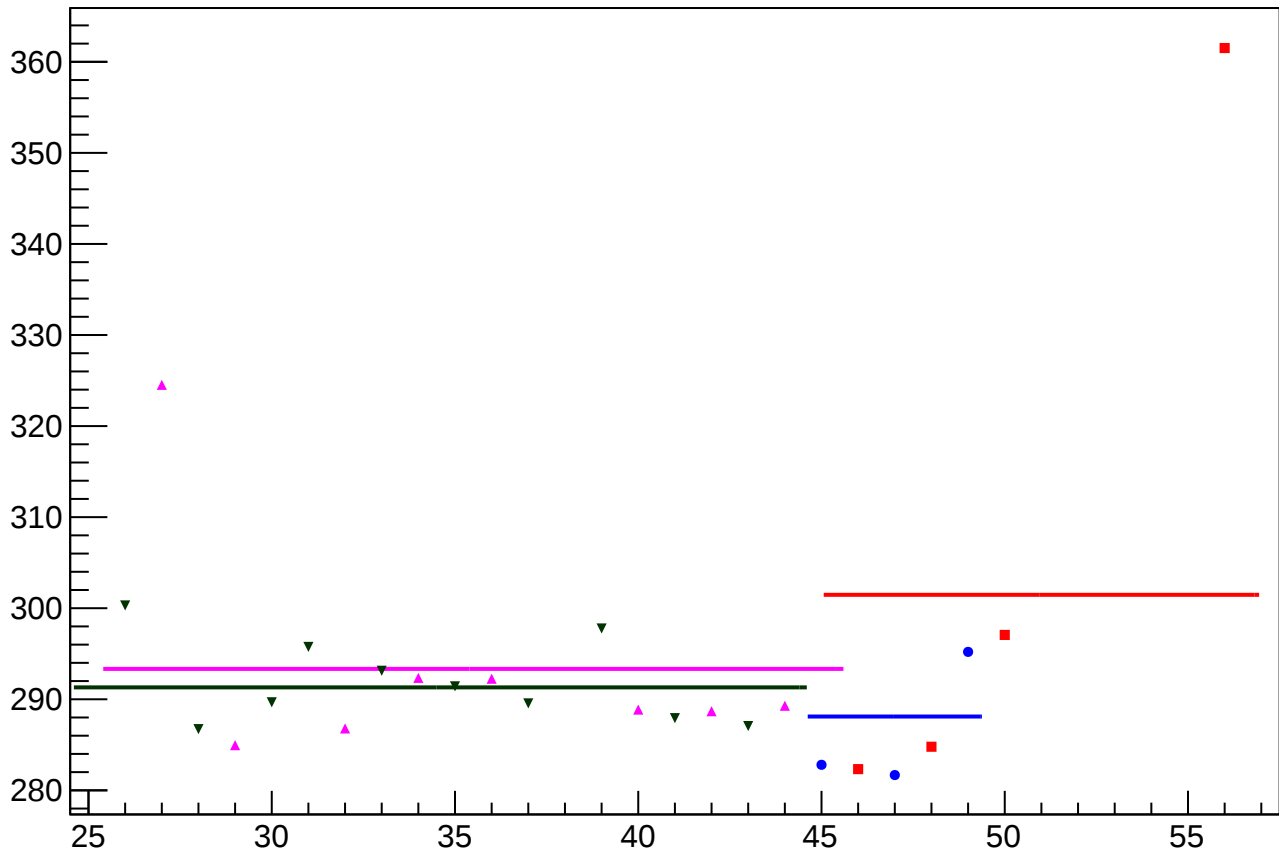
Right Out: -761.200 ± 220.873 χ^2/NDF : 6.7/3

Left In: -676.938 ± 131.978 χ^2/NDF : 14.3/7

718.763 ± 109.098 χ^2/NDF : 9.6/12

-699.108 ± 113.293 χ^2/NDF : 21.1/11

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

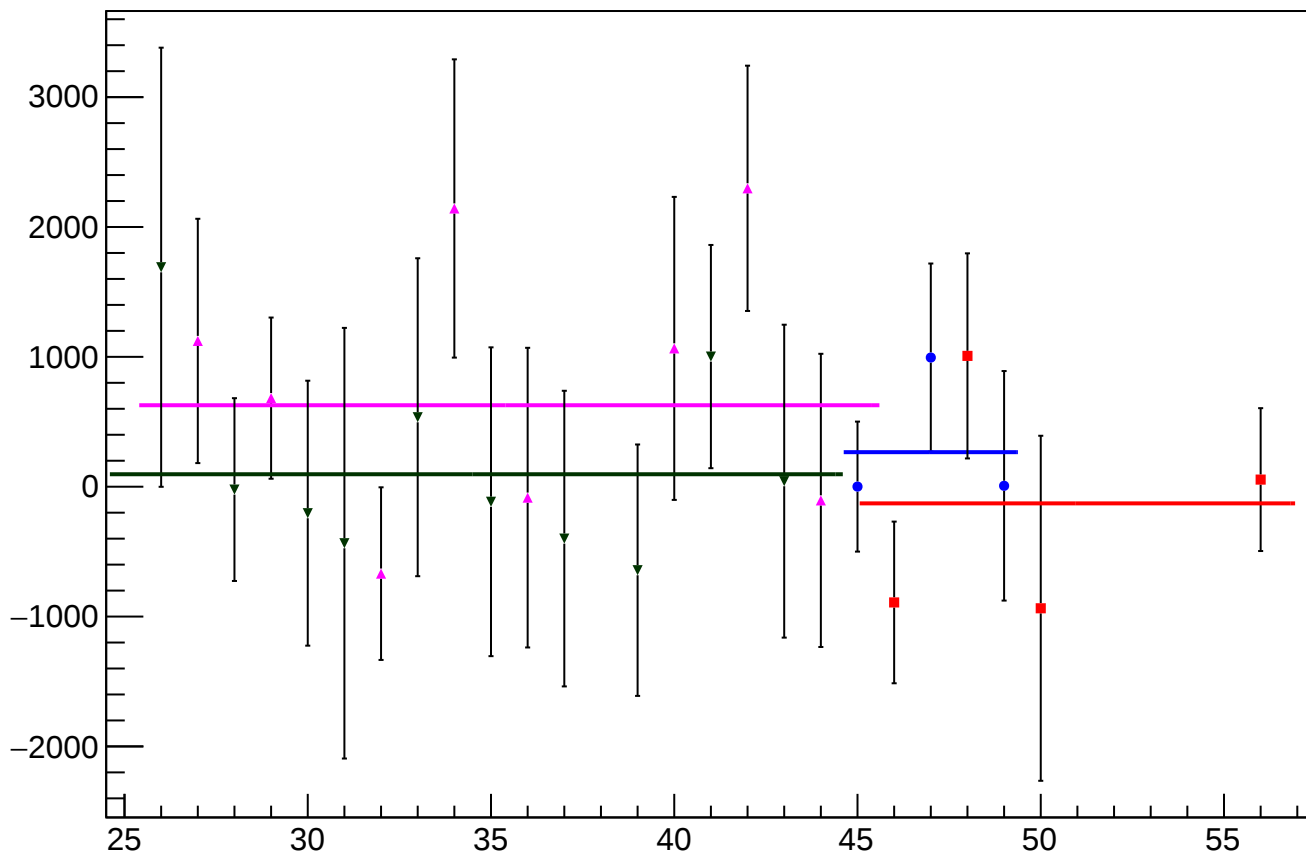
Right Out: 301.471+/-0.156 χ^2/NDF : 33493.6/3

Left In: 293.335+/-0.093 χ^2/NDF : 18255.8/7

290.396+/-0.077 χ^2/NDF : 4622.6/12

295.476+/-0.080 χ^2/NDF : 53749.0/11

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

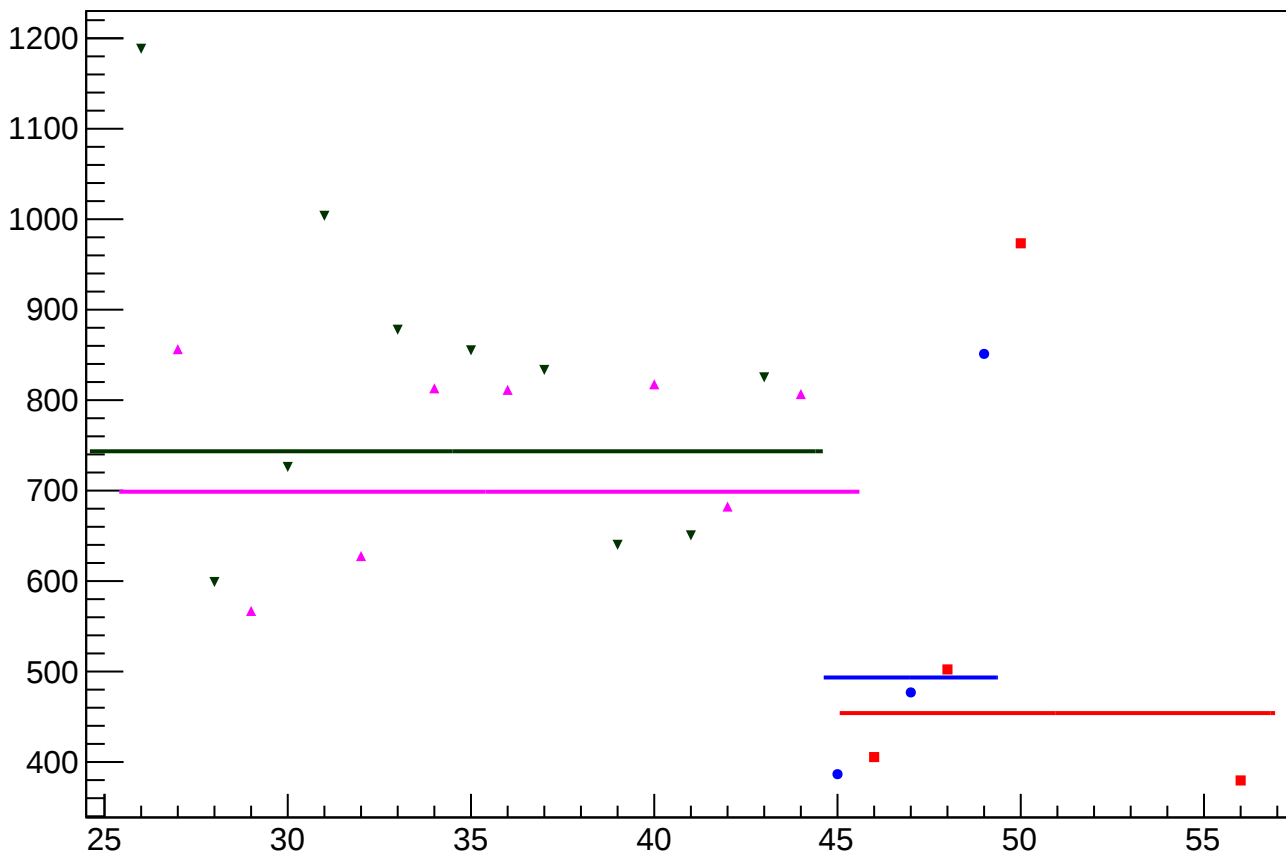
Right Out: -128.351 ± 352.347 χ^2/NDF : 4.1/3

Left In: 627.377 ± 314.053 χ^2/NDF : 9.9/7

171.640 ± 249.014 χ^2/NDF : 4.6/12

292.796 ± 234.443 χ^2/NDF : 16.5/11

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

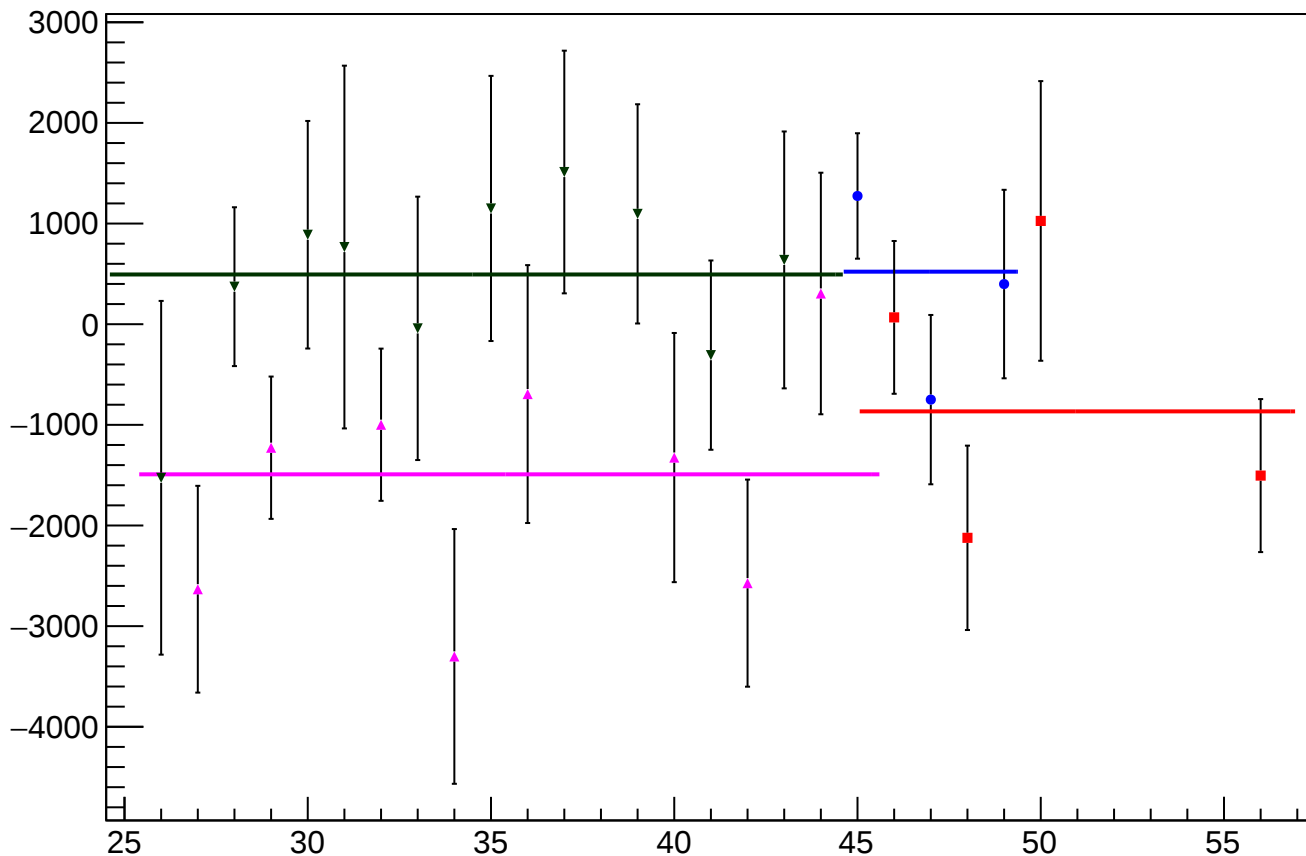
Right Out: 454.078+/-0.249 χ^2/NDF : 361904.1/3

Left In: 698.770+/-0.222 χ^2/NDF :247659.3/7

632.179+/-0.176 χ^2/NDF : 1300194.0/12

590.438+/-0.166 χ^2/NDF : 1147086.3/11

asym_atl_avg_mean vs slug



Right In: 521.923+/-441.558 χ^2/NDF : 3.8/2

Left Out: 494.045+/-366.212 χ^2/NDF : 3.7/9

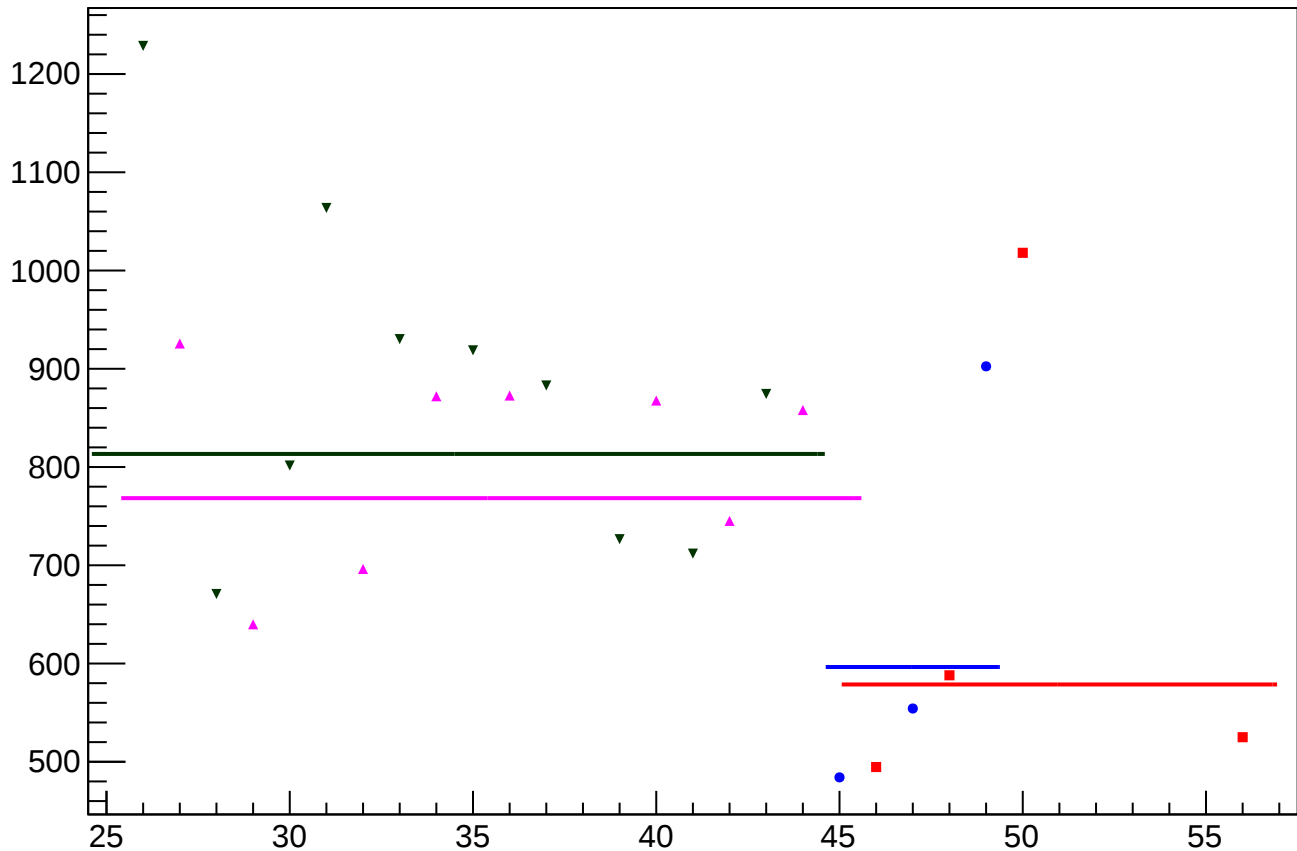
Right Out: -866.177+/-439.531 χ^2/NDF : 6.0/3

Left In: -1491.627+/-348.747 χ^2/NDF : 7.6/7

505.406+/-281.881 χ^2/NDF : 7.4/12

-1249.991+/-273.196 χ^2/NDF : 14.8/11

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

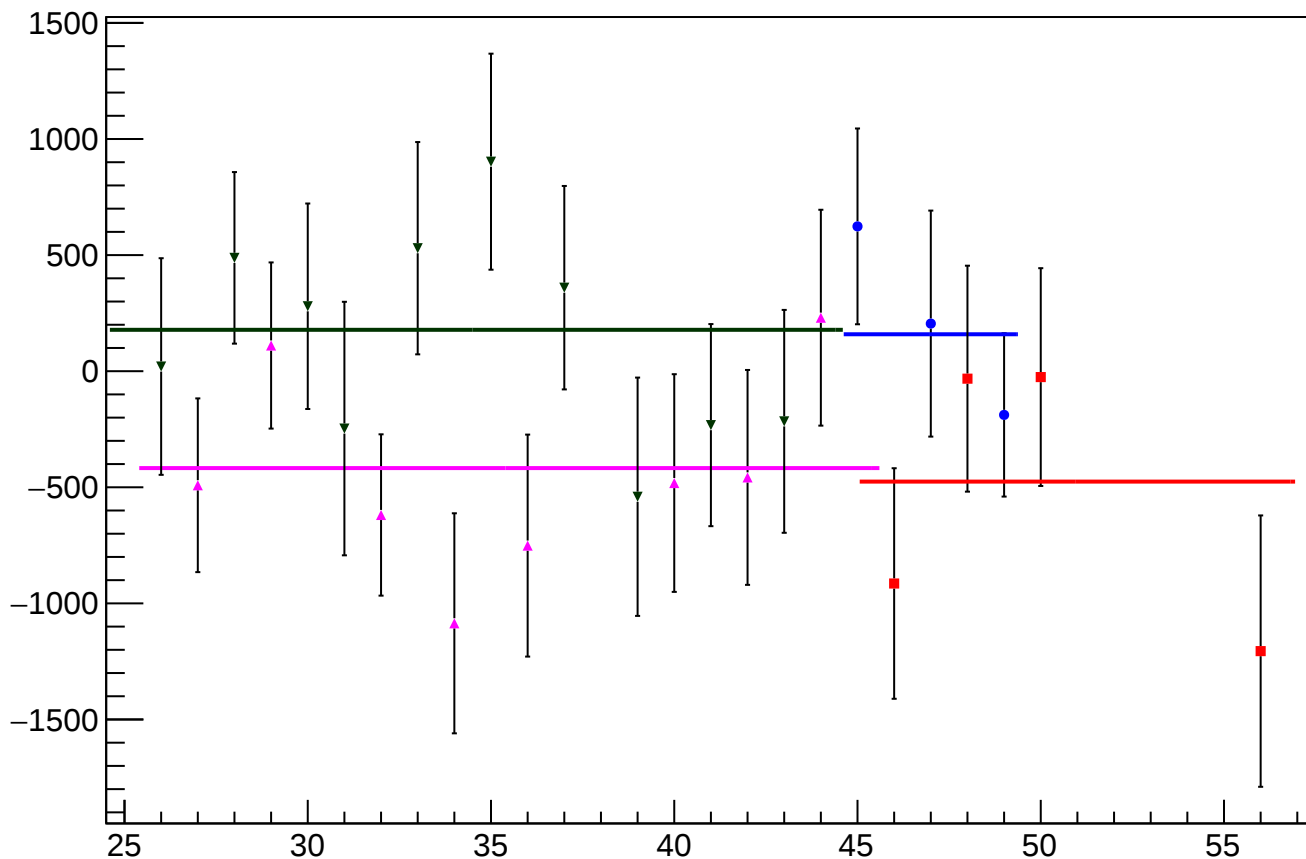
Right Out: 578.692 ± 0.311 χ^2/NDF : 234708.8/3

Left In: 768.326 ± 0.247 χ^2/NDF : 182845.3/7

724.947 ± 0.199 χ^2/NDF : 861228.9/12

695.063 ± 0.193 χ^2/NDF : 646014.9/11

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

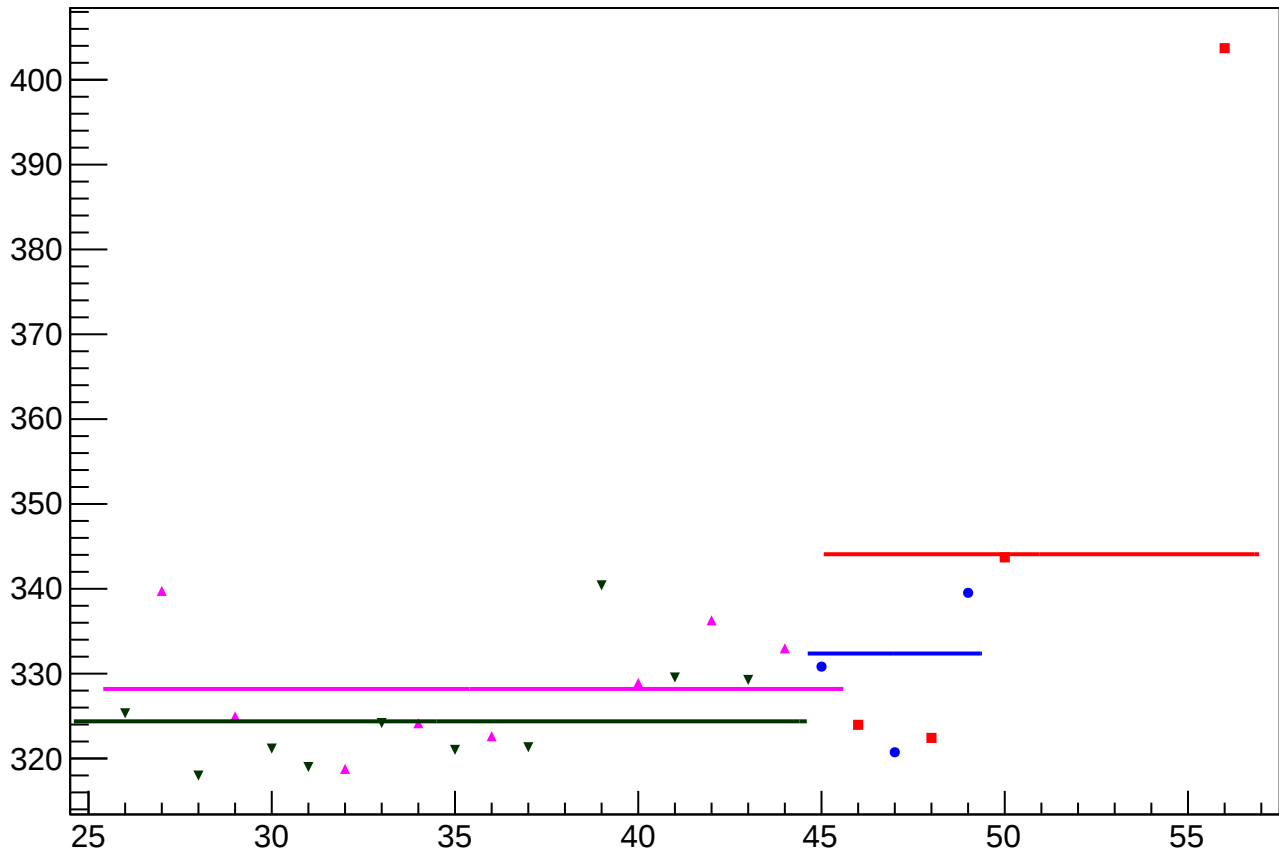
Right Out: -475.506 $\pm$ 251.941 χ^2 /NDF: 4.1/3

Left In: -417.319 $\pm$ 147.577 χ^2 /NDF: 7.0/7

173.034 $\pm$ 122.771 χ^2 /NDF: 10.4/12

-432.184 $\pm$ 127.339 χ^2 /NDF: 11.1/11

reg_asym_atl_dd_rms vs slug



Right In: 332.372+/-0.167 χ^2/NDF : 1997.3/2

Left Out: 324.377+/-0.102 χ^2/NDF : 3549.0/9

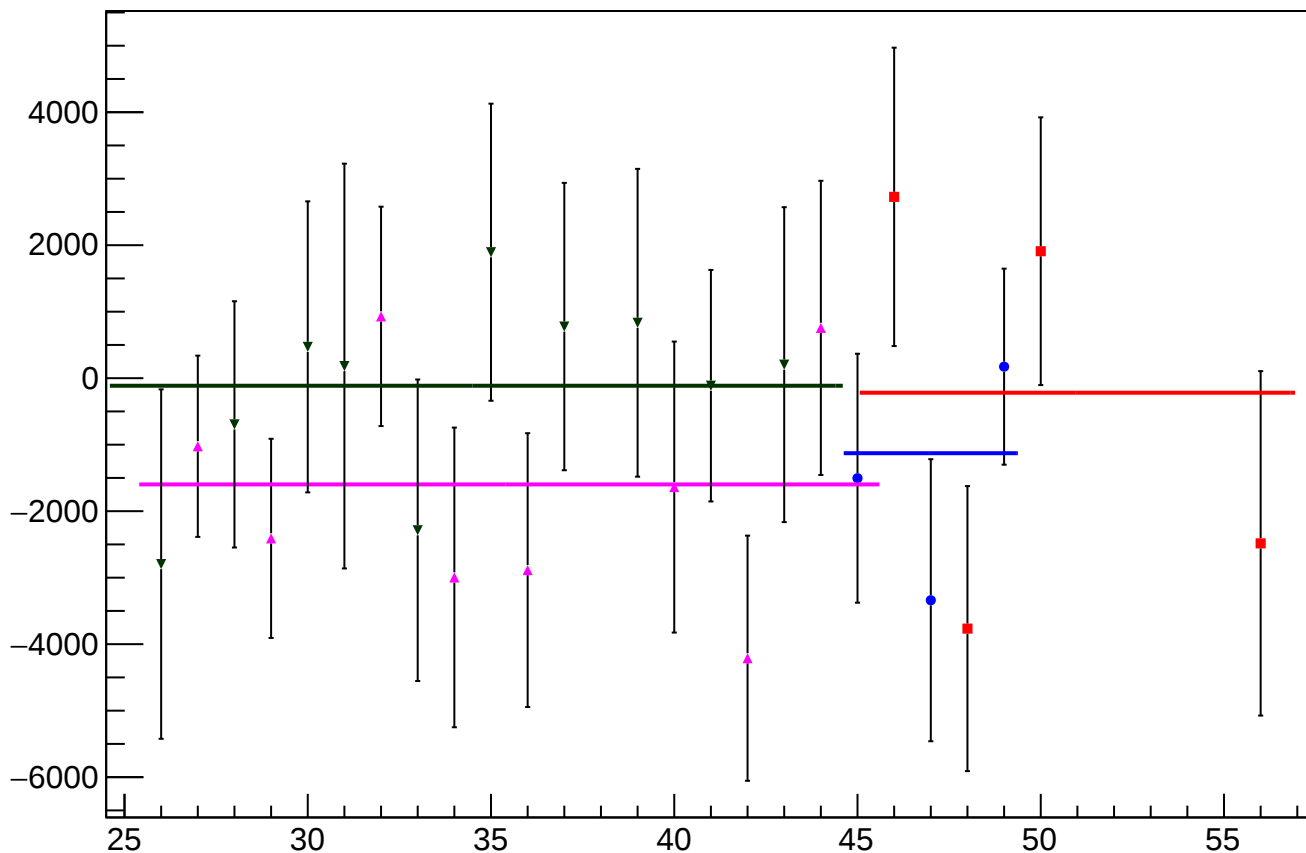
326.538+/-0.087 χ^2/NDF : 7218.9/12

Right Out: 344.075+/-0.178 χ^2/NDF : 28080.3/3

332.253+/-0.090 χ^2/NDF : 38781.3/11

Left In: 328.197+/-0.104 χ^2/NDF : 4786.7/7

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

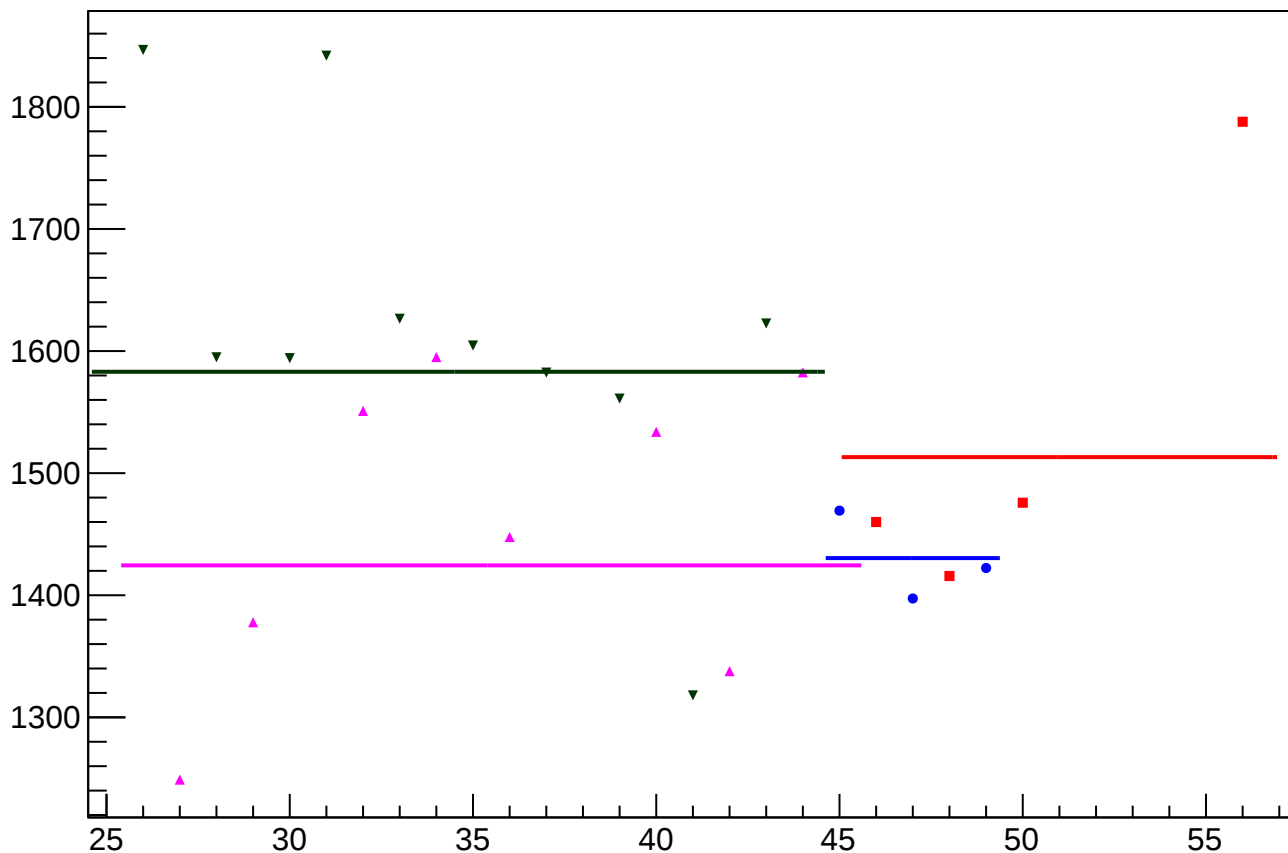
Right Out: -218.429 $\pm$ 1109.639 χ^2/NDF : 6.3/3

Left In: -1597.547 $\pm$ 633.459 χ^2/NDF : 6.7/7

-438.244 $\pm$ 574.947 χ^2/NDF : 5.9/12

-1258.572 $\pm$ 550.129 χ^2/NDF : 14.2/11

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

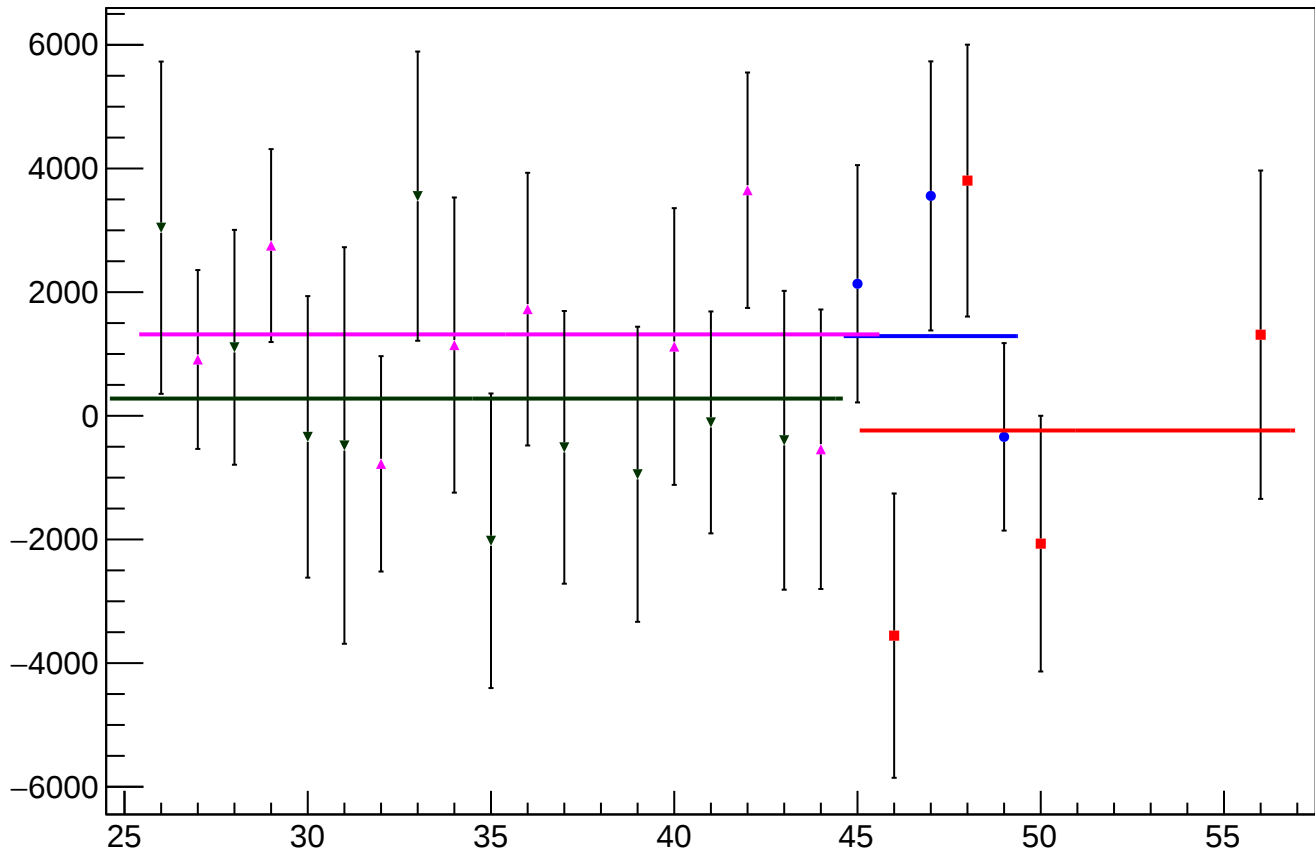
Right Out: 1513.125+/-0.785 χ^2/NDF : 28434.0/3

Left In: 1424.479+/-0.448 χ^2/NDF : 78214.9/7

1534.223+/-0.407 χ^2/NDF : 114825.8/12

1446.267+/-0.389 χ^2/NDF : 116275.6/11

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

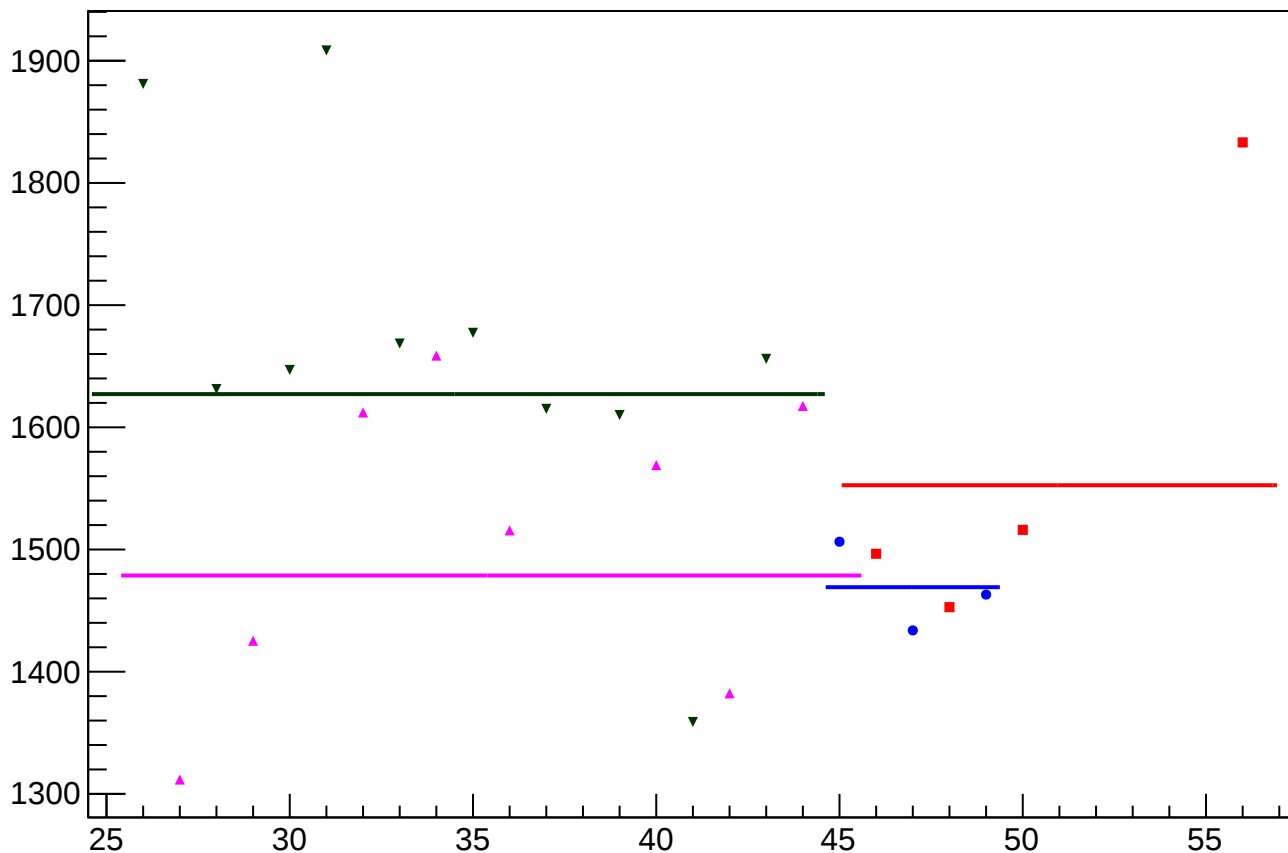
Right Out: -237.402+/-1138.375 χ^2/NDF : 6.6/3

Left In: 1317.055+/-663.629 χ^2/NDF : 4.6/7

604.655+/-592.825 χ^2/NDF : 7.9/12

922.776+/-573.321 χ^2/NDF : 12.6/11

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

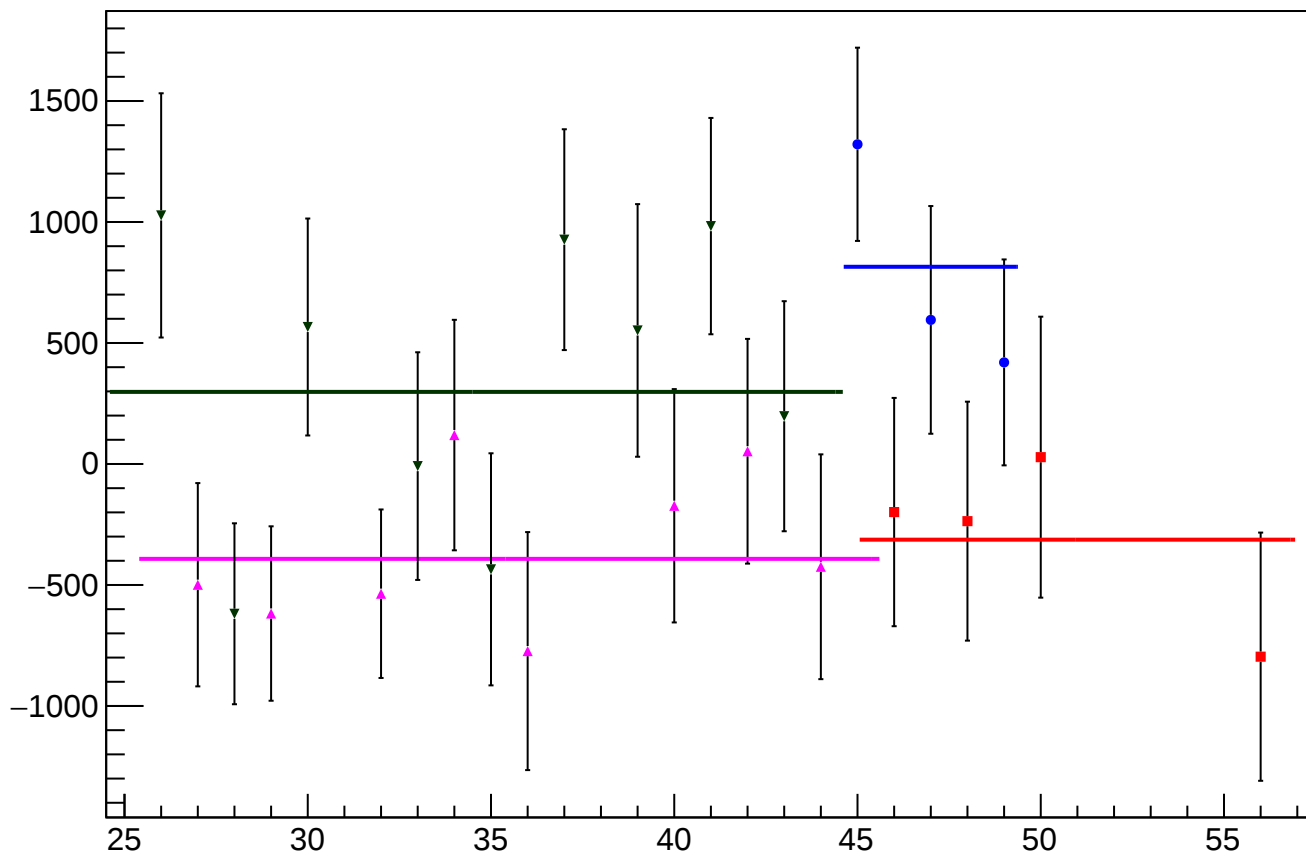
Right Out: 1552.610+/-0.805 χ^2/NDF : 28262.7/3

Left In: 1478.747+/-0.469 χ^2/NDF : 68597.0/7

1576.231+/-0.419 χ^2/NDF : 112428.7/12

1497.482+/-0.405 χ^2/NDF : 103144.1/11

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

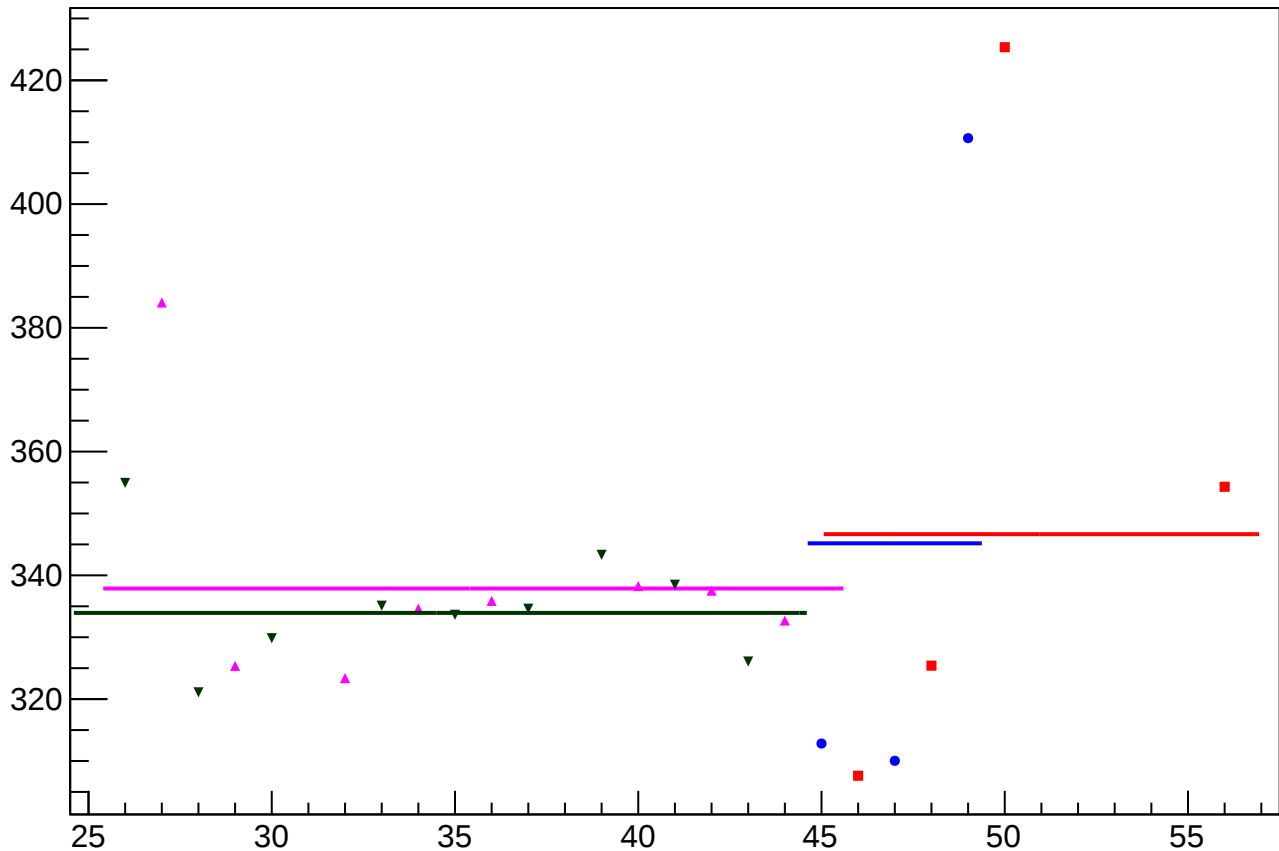
Right Out: -312.762 $\pm$ 255.112 χ^2/NDF : 1.3/3

Left In: -392.029 $\pm$ 151.208 χ^2/NDF : 3.5/7

440.558 $\pm$ 130.030 χ^2/NDF : 21.6/11

-371.421 $\pm$ 130.076 χ^2/NDF : 4.9/11

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

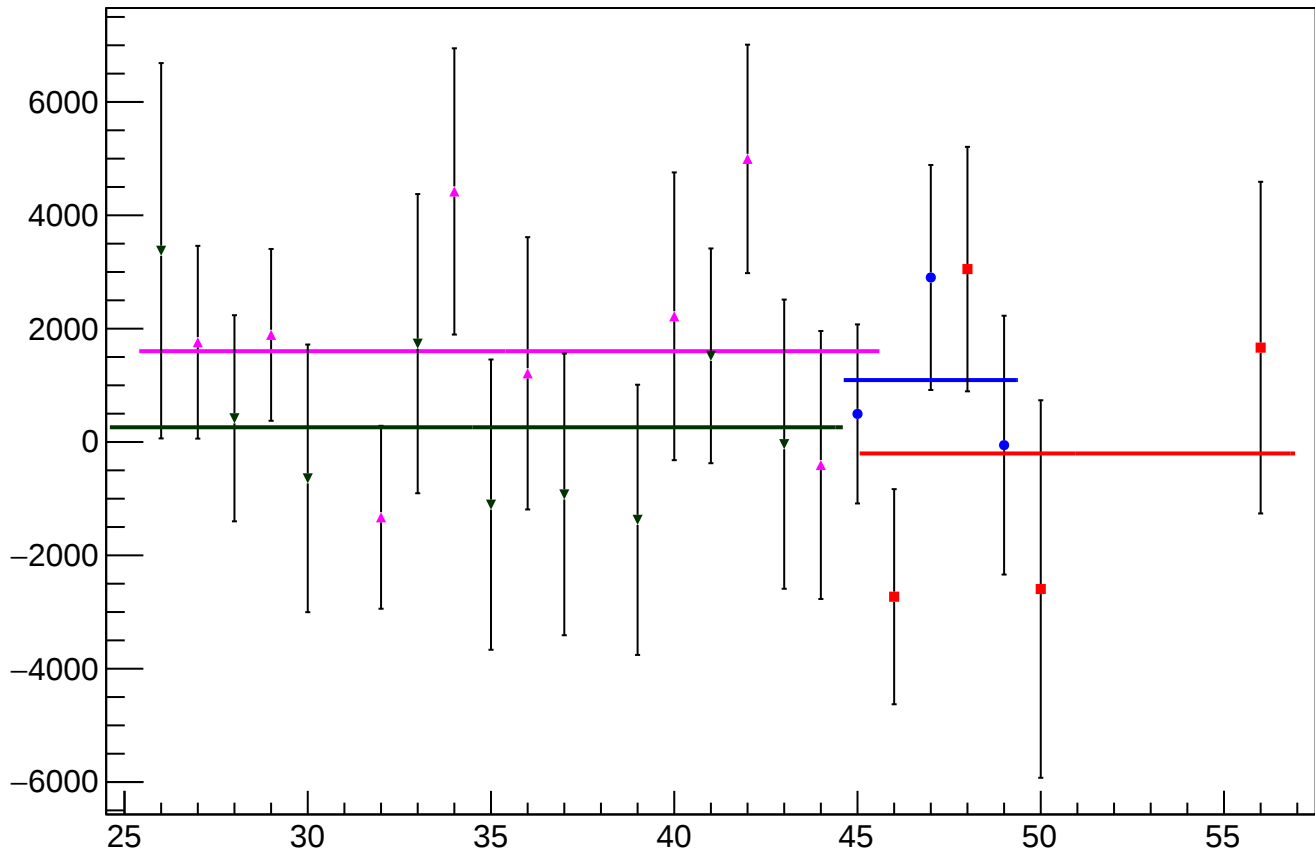
337.034 ± 0.092 χ^2/NDF : 82051.2/11

Right Out: 346.655 ± 0.180 χ^2/NDF : 54598.3/3

340.154 ± 0.092 χ^2/NDF : 86814.5/11

Left In: 337.870 ± 0.107 χ^2/NDF : 30461.2/7

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

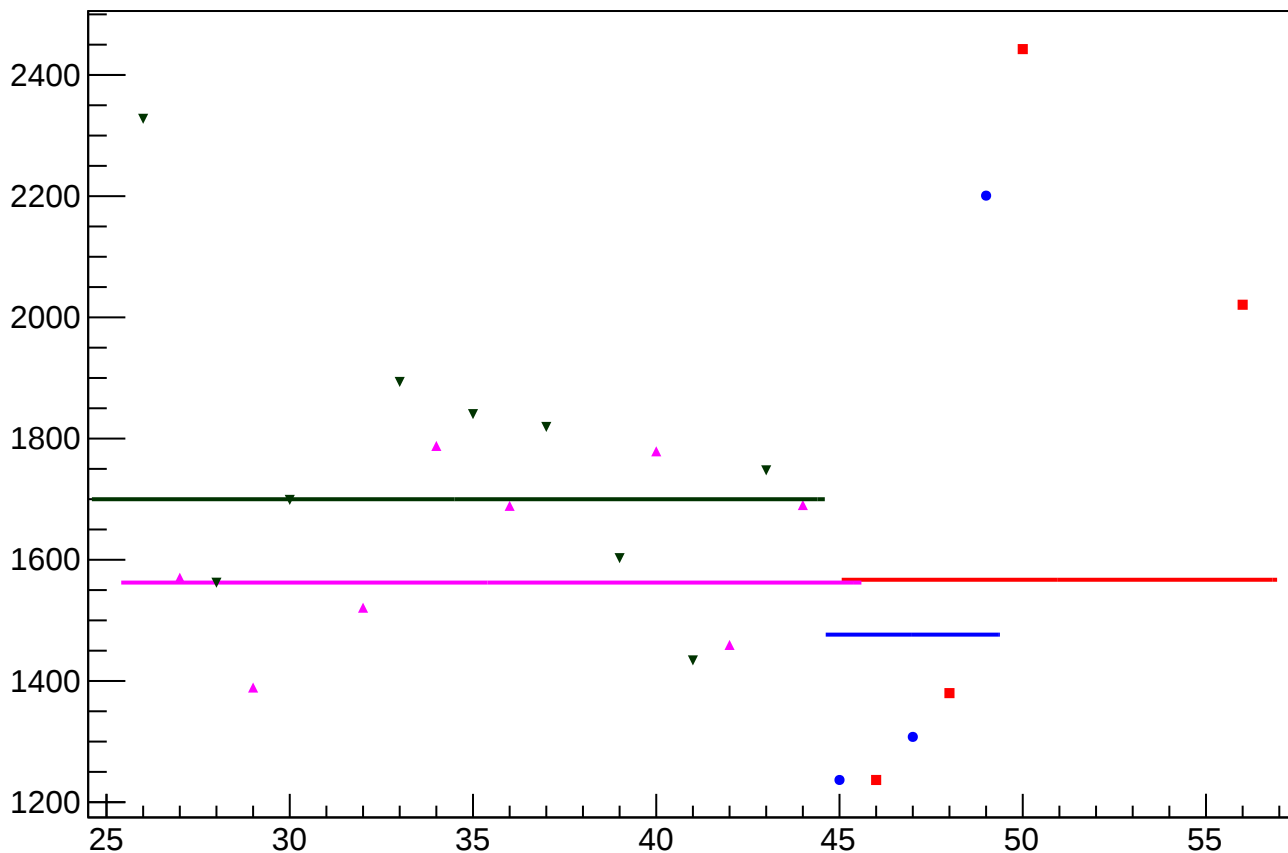
Right Out: -202.009+/-1195.671 χ^2/NDF : 5.0/3

Left In: 1602.732+/-694.176 χ^2/NDF : 8.2/7

543.629+/-634.306 χ^2/NDF : 4.4/11

1147.767+/-600.334 χ^2/NDF : 14.9/11

asym_atr_avg_correction_rms vs slug



Right In: 1476.490 ± 0.769 $\chi^2/\text{NDF}: 261829.6/2$

Left Out: 1699.916 ± 0.552 $\chi^2/\text{NDF}: 148167.9/8$

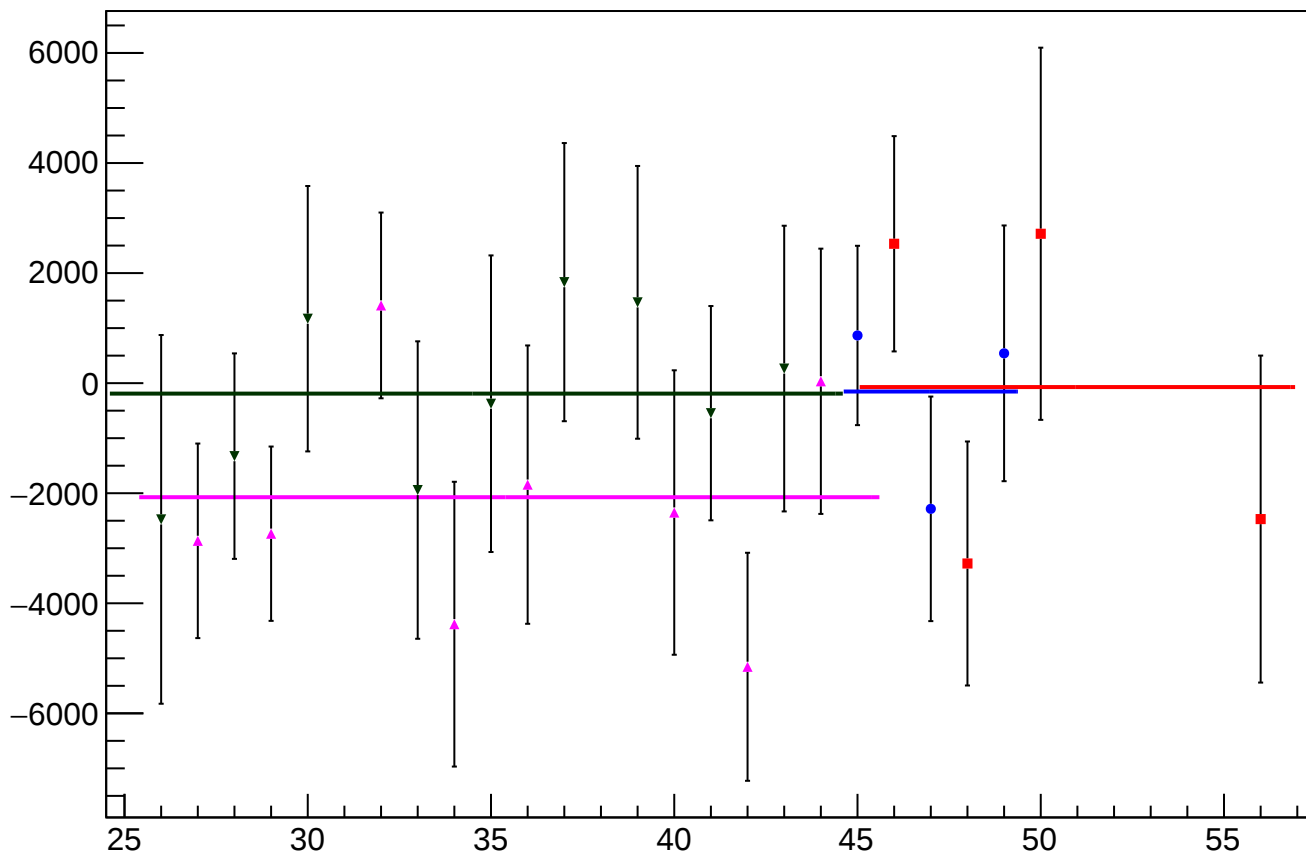
Right Out: 1567.029 ± 0.845 $\chi^2/\text{NDF}: 261983.8/3$

Left In: 1562.377 ± 0.491 $\chi^2/\text{NDF}: 74597.0/7$

1623.836 ± 0.449 $\chi^2/\text{NDF}: 465721.4/11$

1563.550 ± 0.425 $\chi^2/\text{NDF}: 336603.4/11$

asym_atr_avg_mean vs slug



Right In: -152.032+/-1116.593 χ^2/NDF : 1.6/2

Left Out: -189.957+/-802.163 χ^2/NDF : 2.7/8

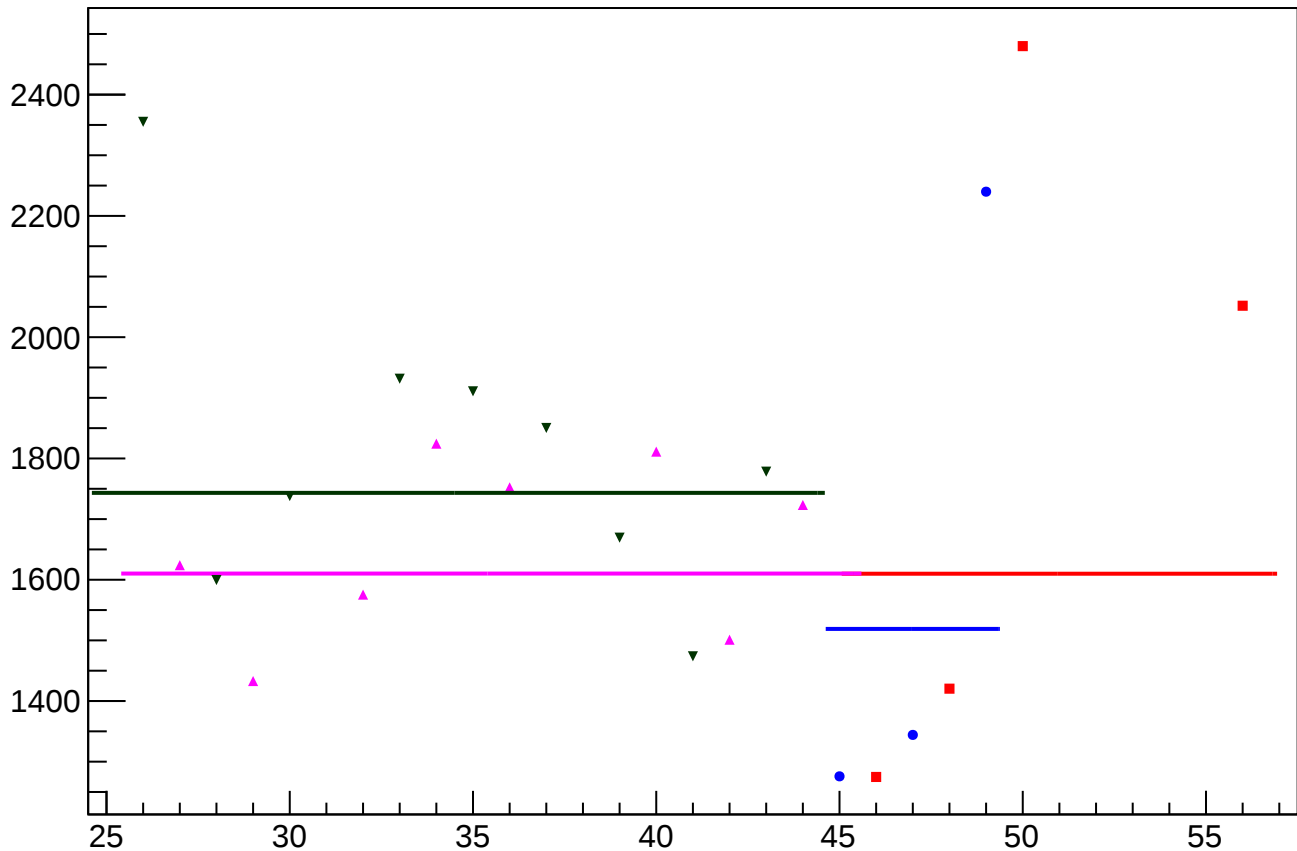
Right Out: -71.042+/-1225.812 χ^2/NDF : 5.2/3

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

-177.047+/-651.476 χ^2/NDF : 4.3/11

-1559.450+/-620.667 χ^2/NDF : 15.6/11

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

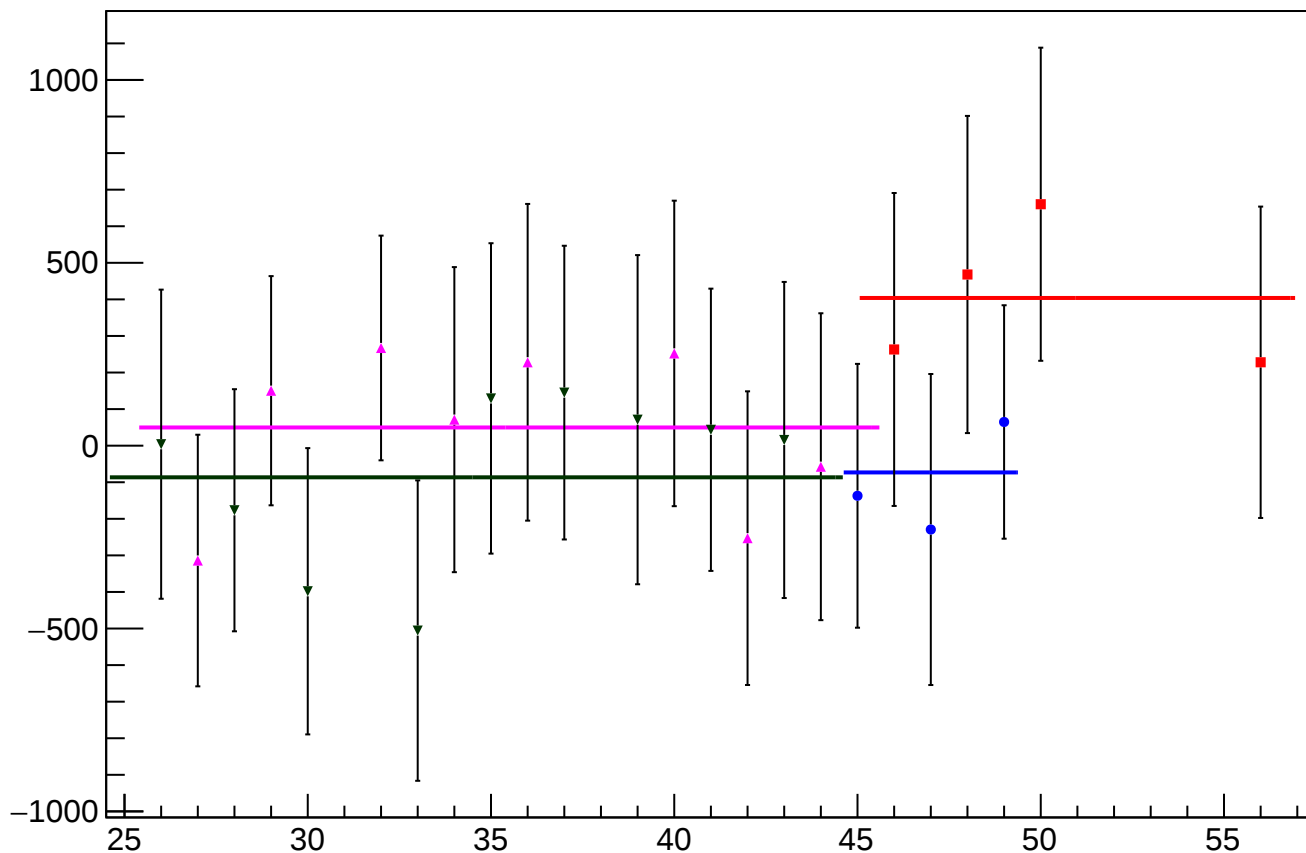
Right Out: 1609.933+/-0.867 χ^2/NDF : 249975.3/3

Left In: 1610.197+/-0.509 χ^2/NDF :68106.1/7

1666.901+/-0.461 χ^2/NDF : 445100.7/11

1610.129+/-0.439 χ^2/NDF : 318081.4/11

reg_asym_atr_dd_mean vs slug



Right In: -73.165 $\pm$ 208.365 χ^2 /NDF: 0.4/2

Left Out: -86.539 $\pm$ 133.704 χ^2 /NDF: 2.7/8

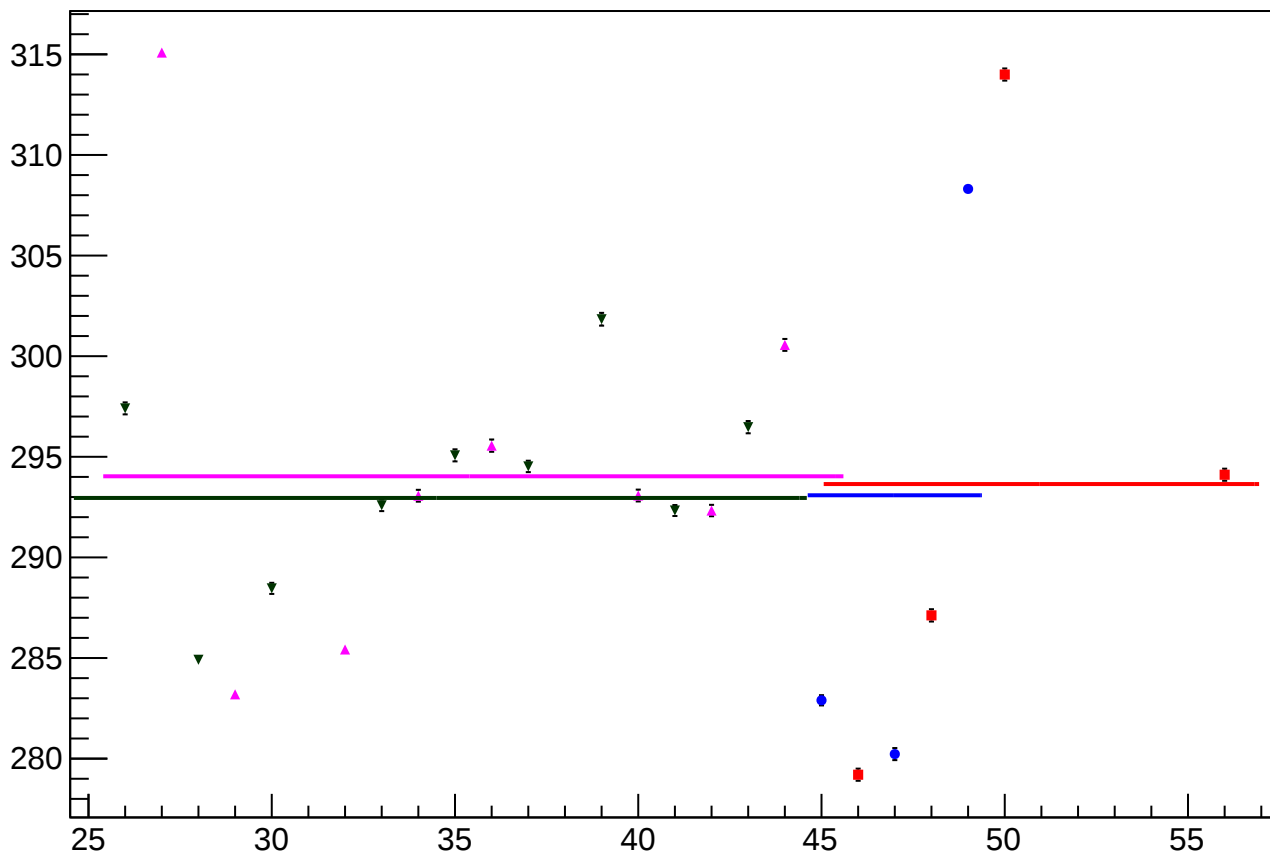
Right Out: 403.889 $\pm$ 214.399 χ^2 /NDF: 0.7/3

Left In: 49.768 $\pm$ 131.388 χ^2 /NDF: 2.8/7

-82.638 $\pm$ 112.529 χ^2 /NDF: 3.0/11

146.449 $\pm$ 112.026 χ^2 /NDF: 5.4/11

reg_asym_atr_dd_rms vs slug



Right In: 293.088+/-0.147 χ^2 /NDF: 7976.1/2

Left Out: 292.955+/-0.095 χ^2 /NDF:2664.1/8

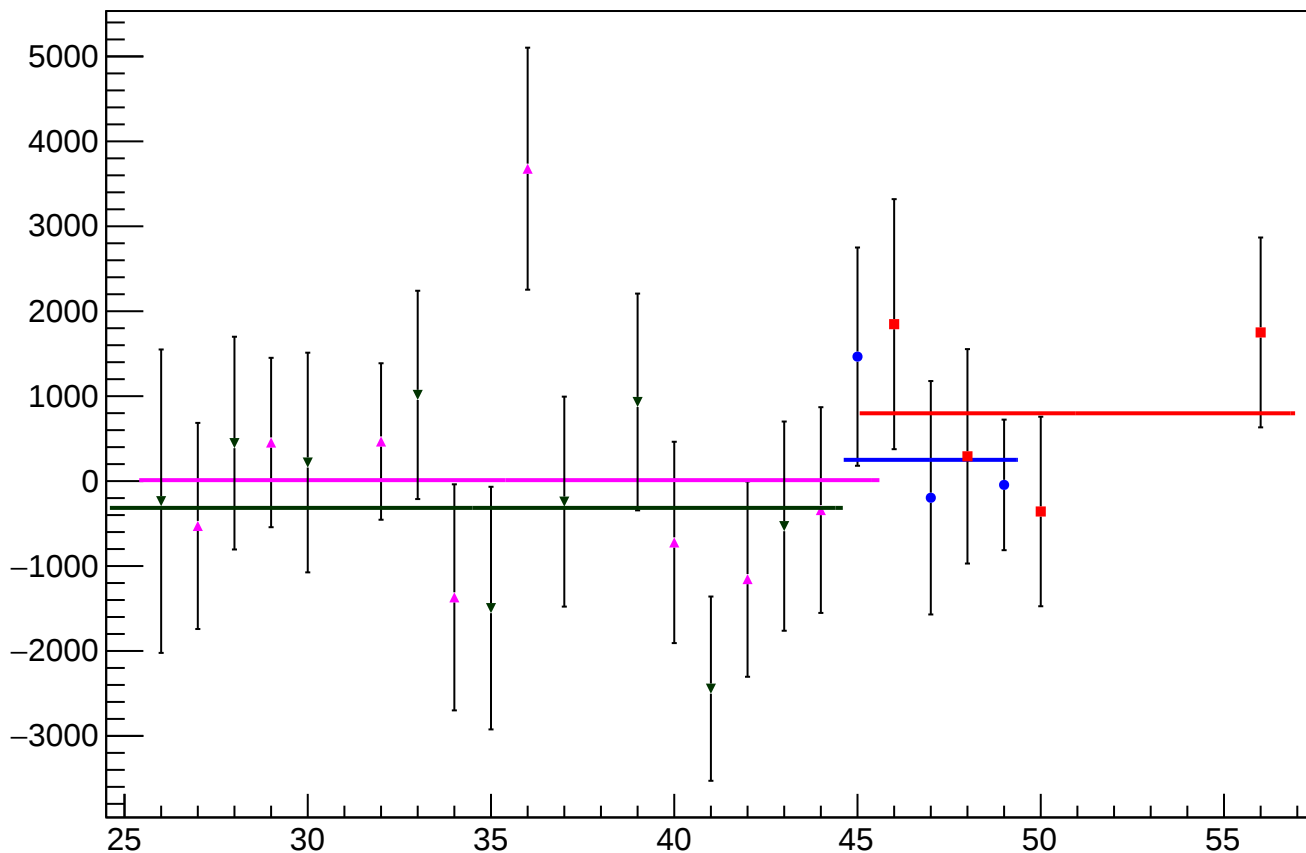
Right Out: 293.646+/-0.152 χ^2 /NDF: 7254.8/3

Left In: 294.031+/-0.093 χ^2 /NDF:12021.3/7

292.994+/-0.080 χ^2 /NDF: 10640.8/11

293.926+/-0.079 χ^2 /NDF: 19280.8/11

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

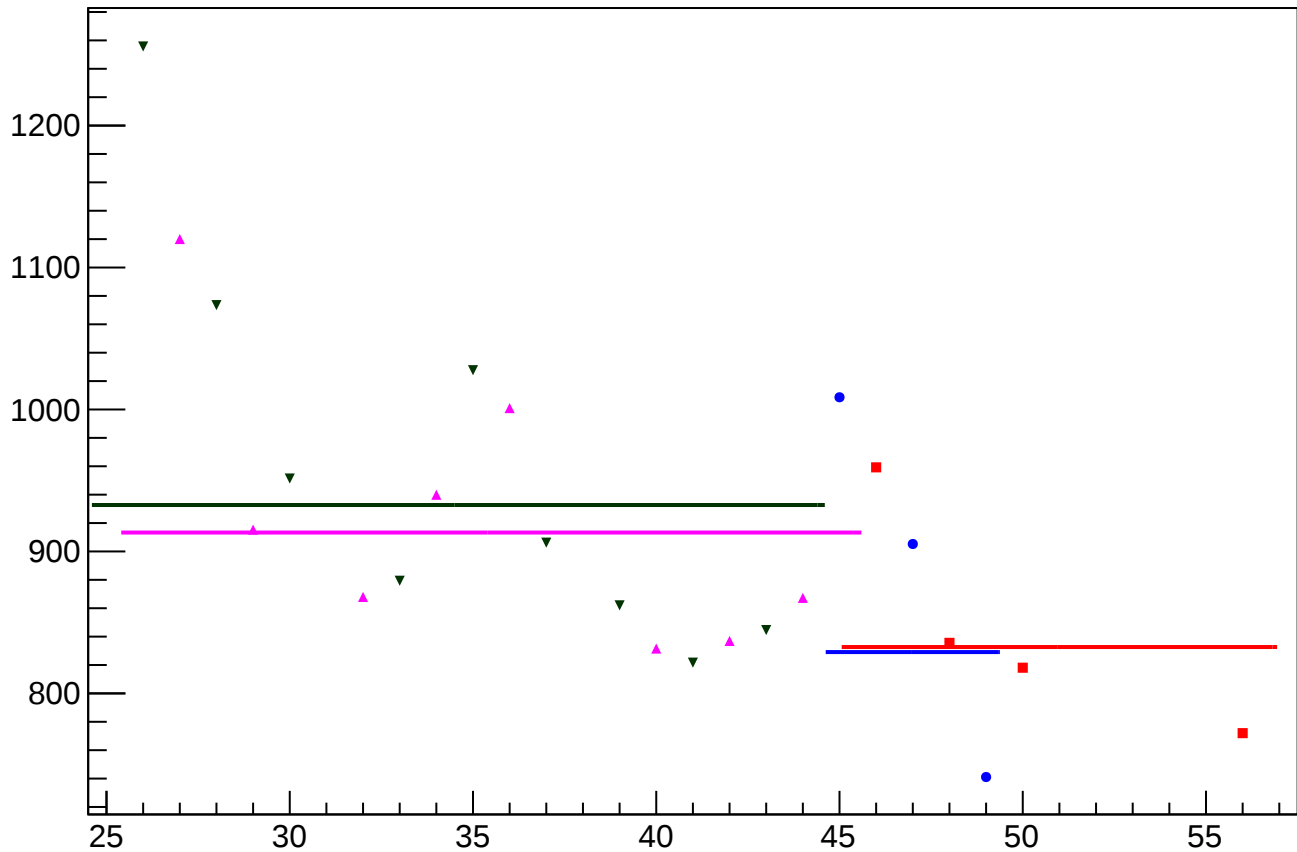
Right Out: 798.318 $\pm$ 609.391 χ^2 /NDF: 2.5/3

Left In: 11.284 $\pm$ 405.892 χ^2 /NDF: 9.8/7

-122.880 $\pm$ 346.895 χ^2 /NDF: 9.0/11

253.143 $\pm$ 337.817 χ^2 /NDF: 13.5/11

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

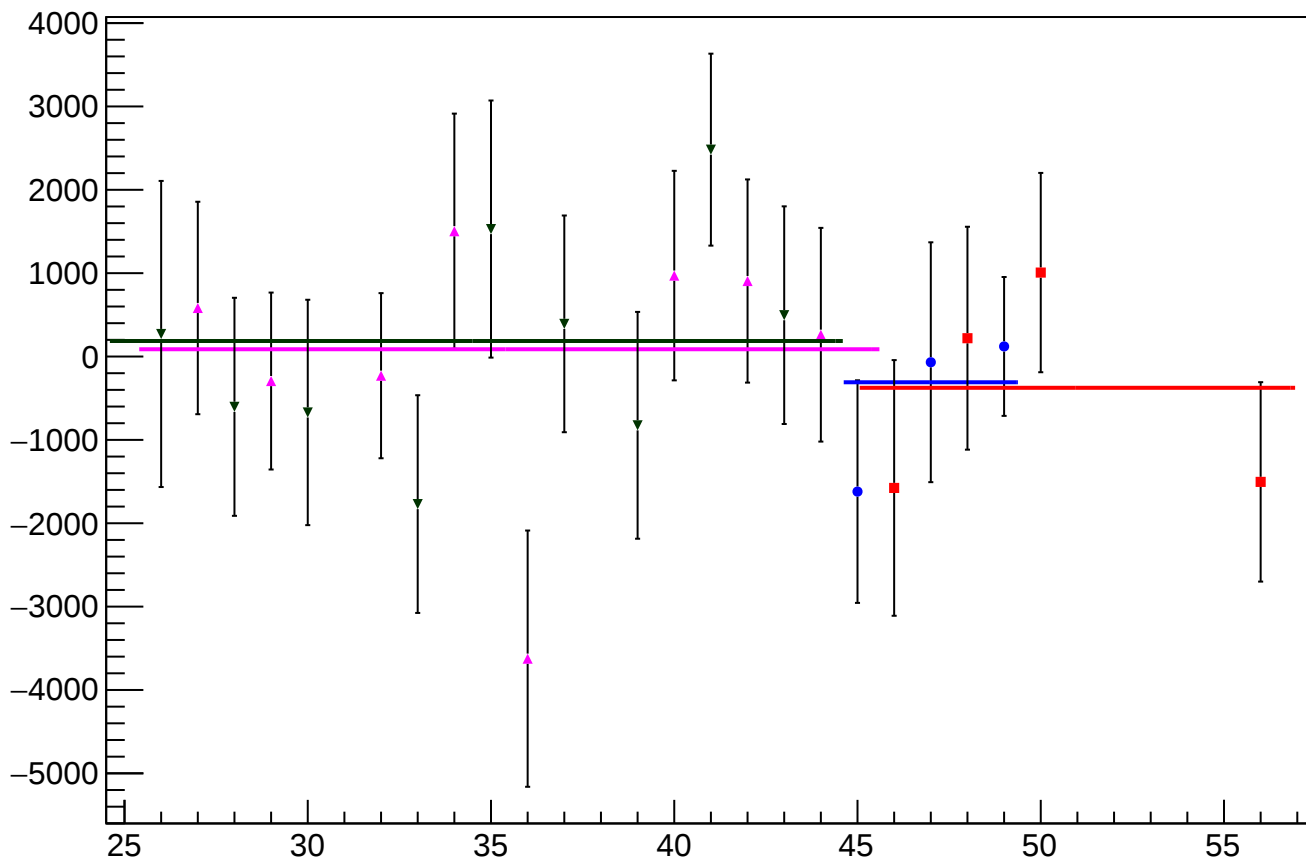
Right Out: 832.664+/-0.431 χ^2/NDF : 21033.2/3

Left In: 913.320+/-0.287 χ^2/NDF :92513.4/7

897.457+/-0.245 χ^2/NDF : 253427.7/11

888.534+/-0.239 χ^2/NDF : 137815.5/11

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

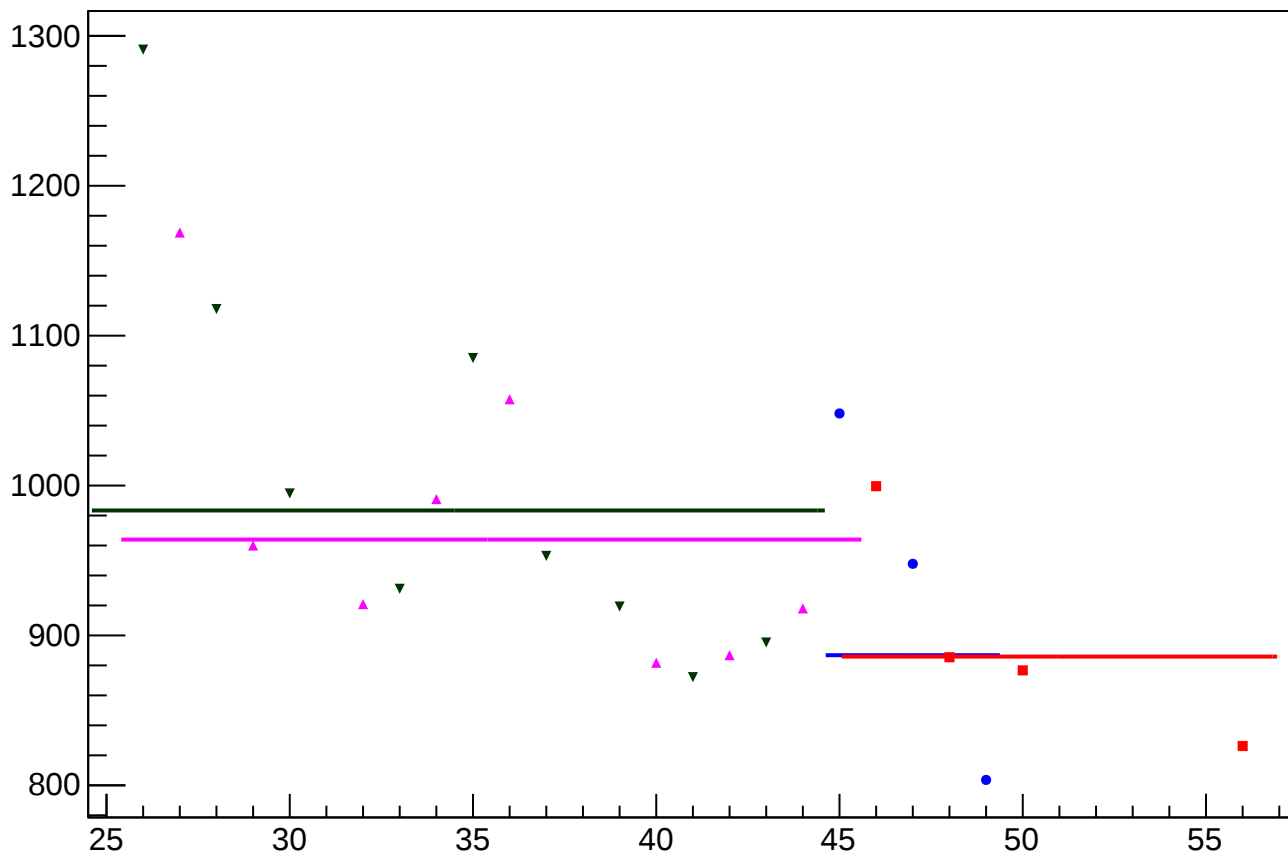
Right Out: -375.062+/-647.769 χ^2/NDF : 3.0/3

Left In: 87.303+/-431.781 χ^2/NDF : 8.2/7

19.911+/-367.755 χ^2/NDF : 10.0/11

-54.934+/-359.280 χ^2/NDF : 11.6/11

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

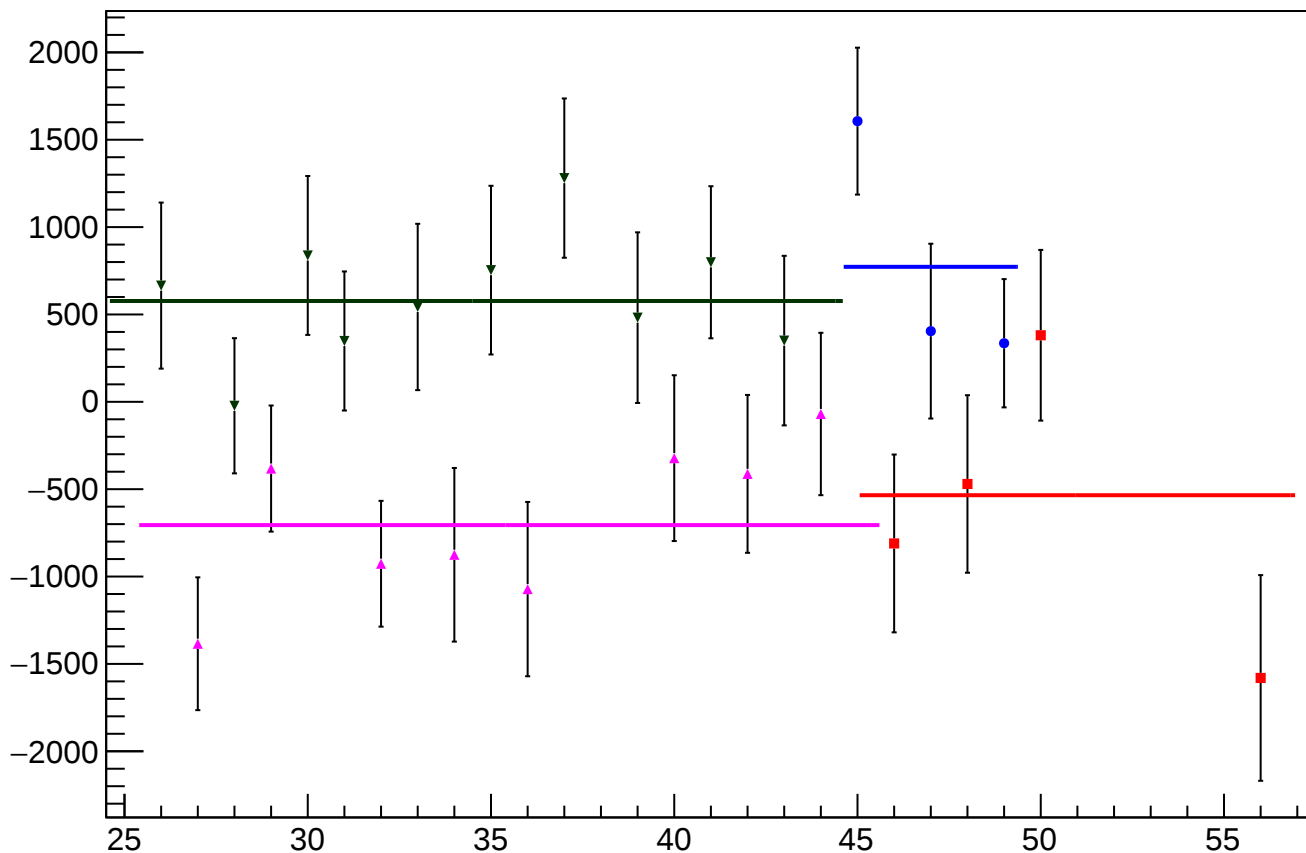
Right Out: 885.874 ± 0.458 χ^2/NDF : 16084.7/3

Left In: 963.960 ± 0.305 χ^2/NDF : 82775.1/7

950.921 ± 0.260 χ^2/NDF : 206043.2/11

939.939 ± 0.254 χ^2/NDF : 118982.0/11

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

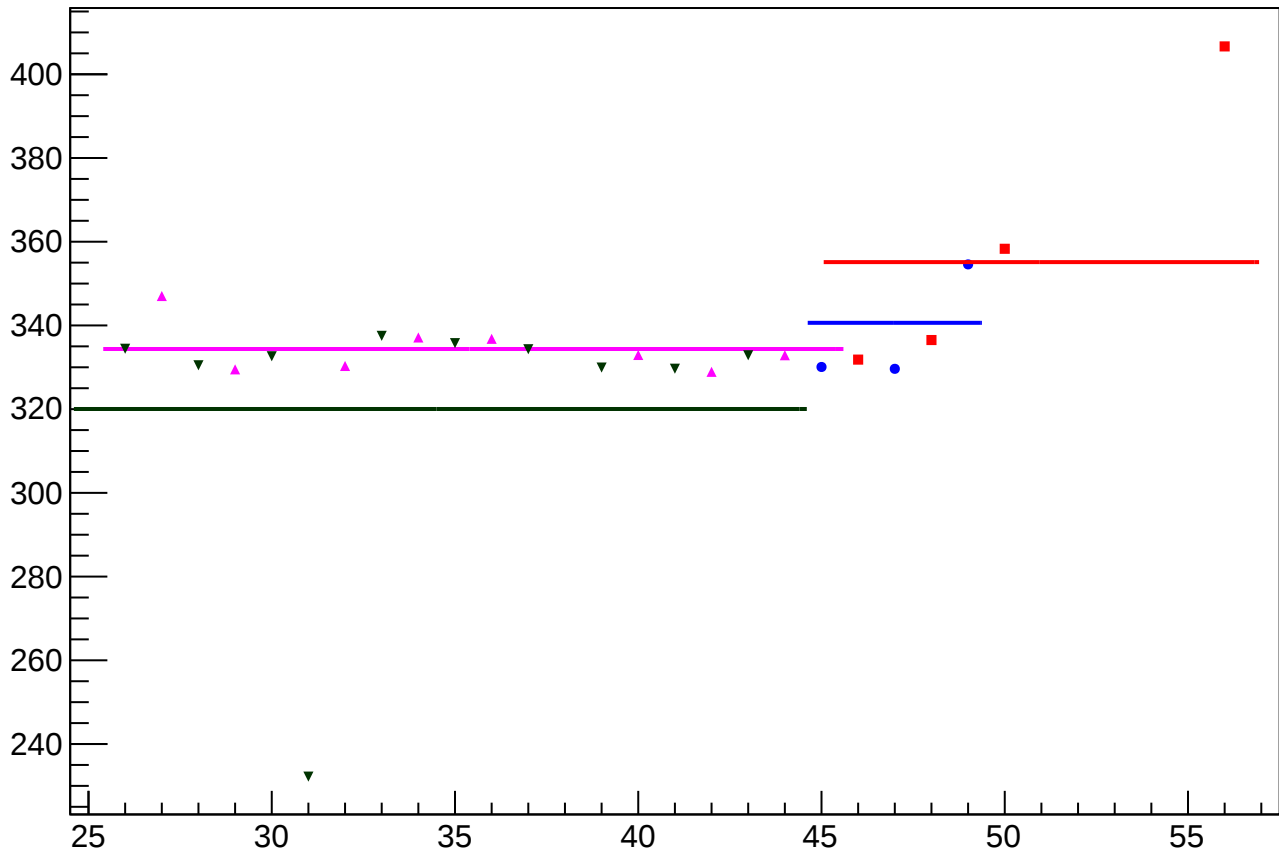
Right Out: -534.480 $\pm$ 259.828 χ^2 /NDF: 7.0/3

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF: 8.0/7

627.223 $\pm$ 122.564 χ^2 /NDF: 12.5/12

-662.717 $\pm$ 130.005 χ^2 /NDF: 15.3/11

reg_asym_at1_avg_rms vs slug



Right In: 340.625+/-0.171 χ^2/NDF : 5115.7/2

Left Out: 320.038+/-0.101 χ^2/NDF : 112209.4/9

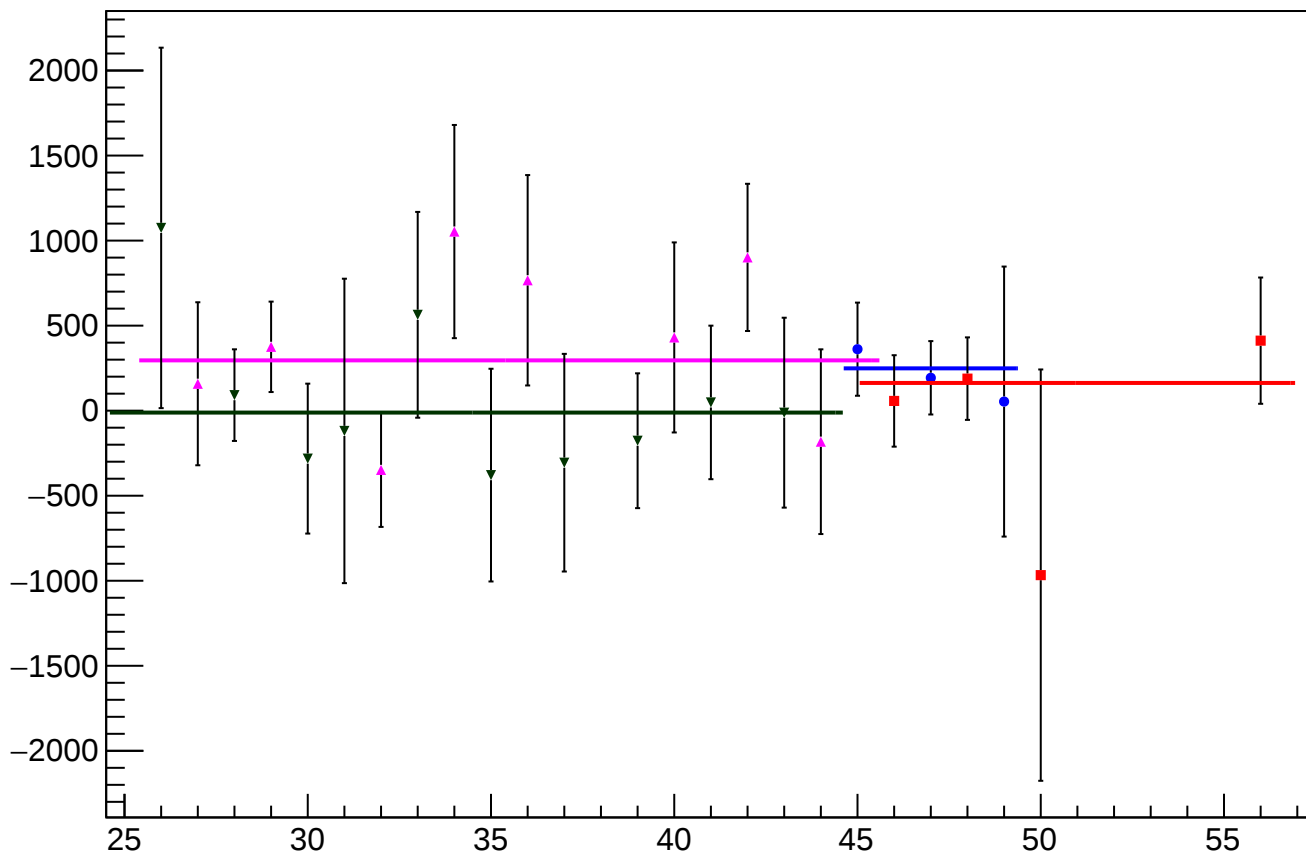
Right Out: 355.128+/-0.184 χ^2/NDF : 22288.7/3

Left In: 334.371+/-0.106 χ^2/NDF : 3274.0/7

325.318+/-0.087 χ^2/NDF : 128085.3/12

339.568+/-0.092 χ^2/NDF : 35131.8/11

asym_at1_avg_correction_mean vs slug



Right In: 248.813 $\pm$ 165.723 χ^2 /NDF: 0.3/2

Left Out: -11.187 $\pm$ 151.999 χ^2 /NDF: 3.2/9

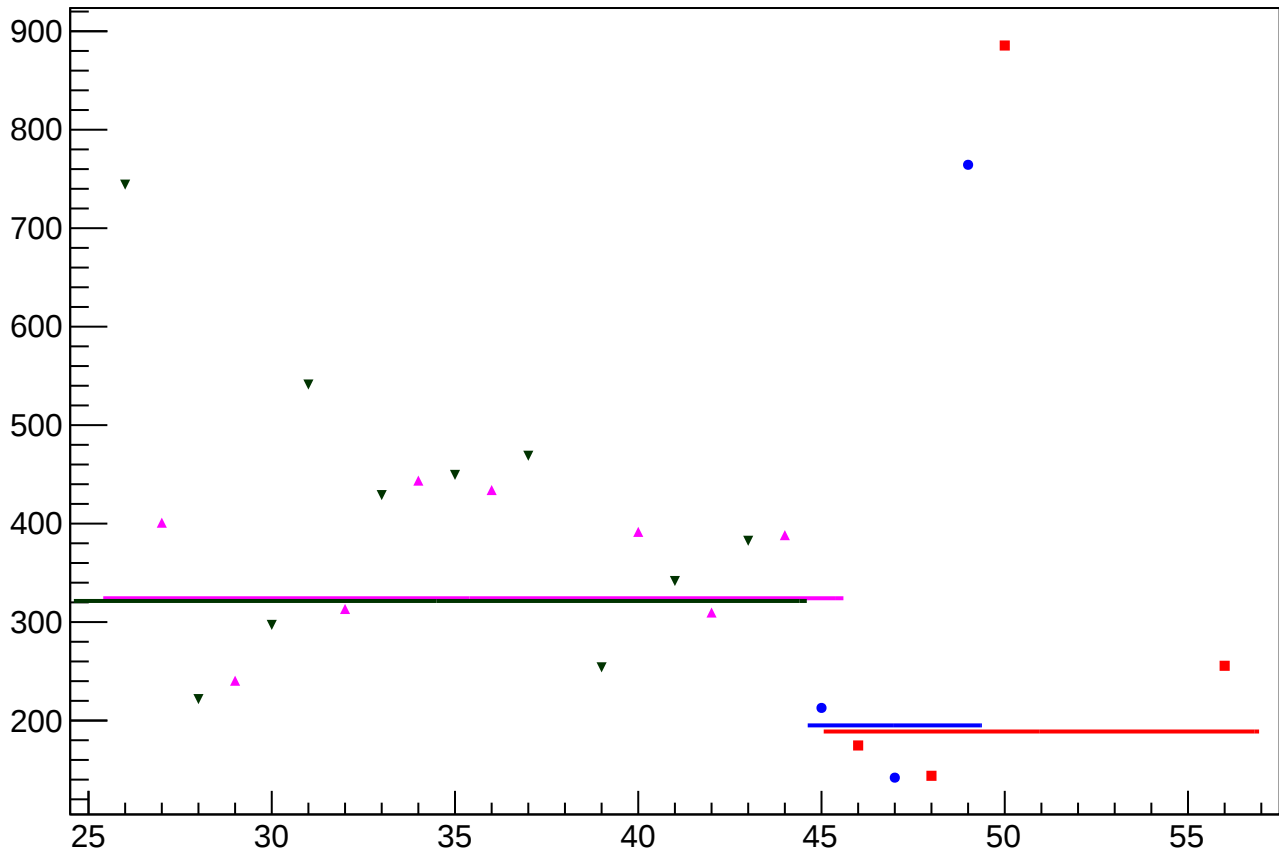
Right Out: 163.031 $\pm$ 160.593 χ^2 /NDF: 1.5/3

Left In: 295.759 $\pm$ 149.916 χ^2 /NDF: 8.7/7

107.604 $\pm$ 112.018 χ^2 /NDF: 4.9/12

233.953 $\pm$ 109.587 χ^2 /NDF: 10.5/11

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

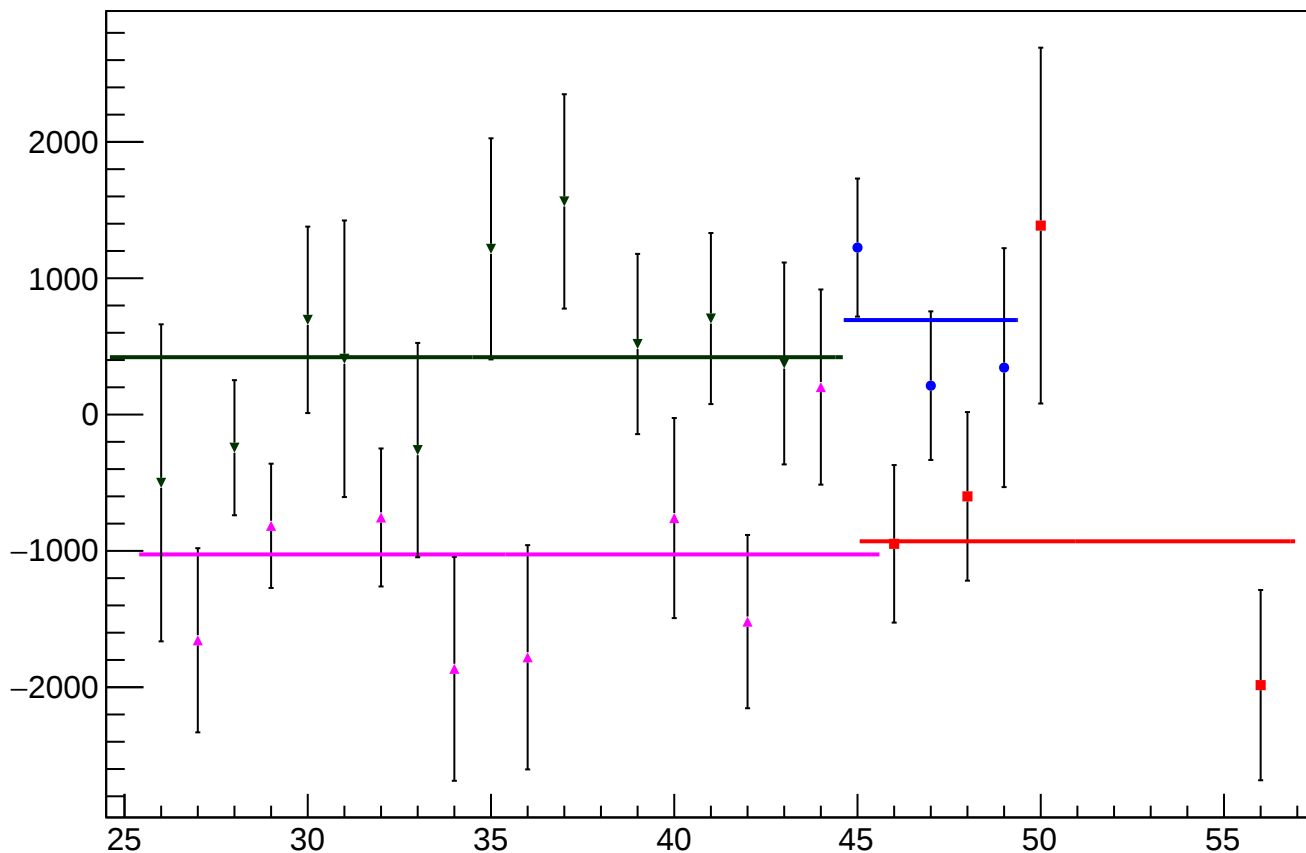
263.704+/-0.079 χ^2/NDF : 2847517.7/12

Right Out: 188.867+/-0.114 χ^2/NDF : 802732.9/3

261.173+/-0.077 χ^2/NDF : 2008340.1/11

Left In: 324.185+/-0.106 χ^2/NDF :446845.3/7

asym_at1_avg_mean vs slug



Right In: 693.195+/-341.602 χ^2/NDF : 2.0/2

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

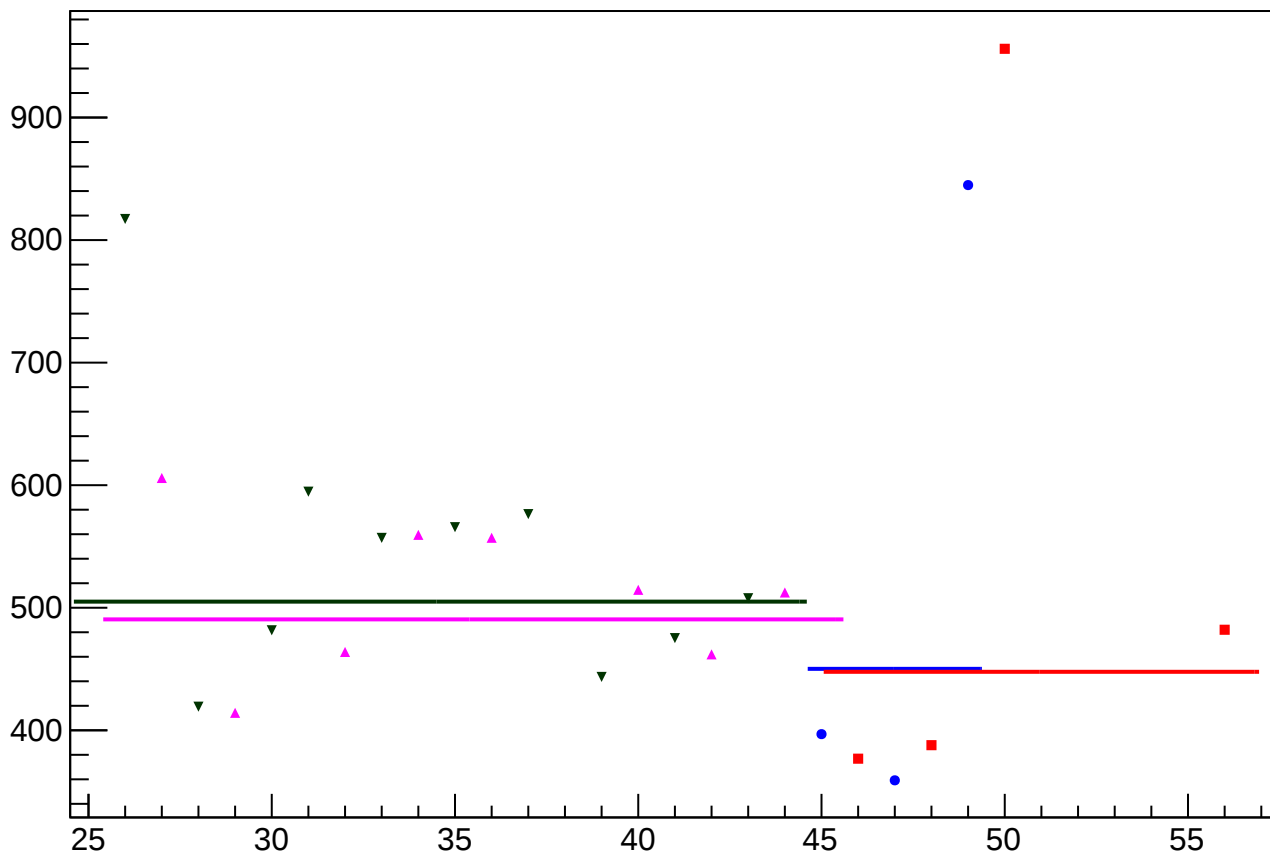
Right Out: -929.637+/-348.132 χ^2/NDF : 5.7/3

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

504.525+/-189.318 χ^2/NDF : 9.1/12

-997.930+/-187.625 χ^2/NDF : 12.7/11

asym_at1_avg_rms vs slug



Right In: 450.144 $\pm$ 0.242 χ^2 /NDF: 483640.1/2

Left Out: 504.992 $\pm$ 0.161 χ^2 /NDF:280293.6/9

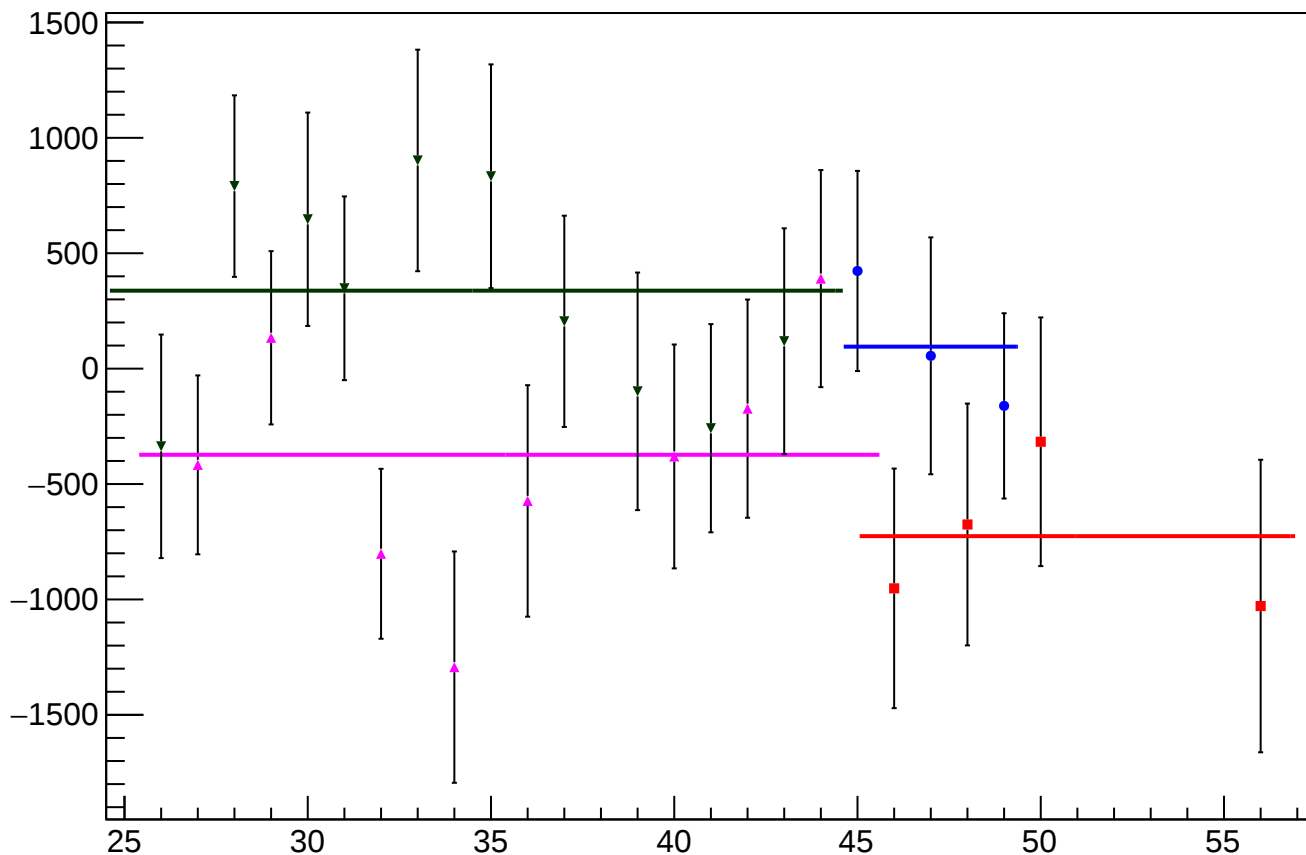
Right Out: 447.729 $\pm$ 0.246 χ^2 /NDF: 357111.9/3

Left In: 490.502 $\pm$ 0.158 χ^2 /NDF:155145.4/7

488.146 $\pm$ 0.134 χ^2 /NDF: 799656.7/12

478.078 $\pm$ 0.133 χ^2 /NDF: 533679.3/11

reg_asym_at1_dd_mean vs slug



Right In: 95.268 $\pm$ 255.452 χ^2 /NDF: 1.0/2

Left Out: 337.826 $\pm$ 144.392 χ^2 /NDF: 8.9/9

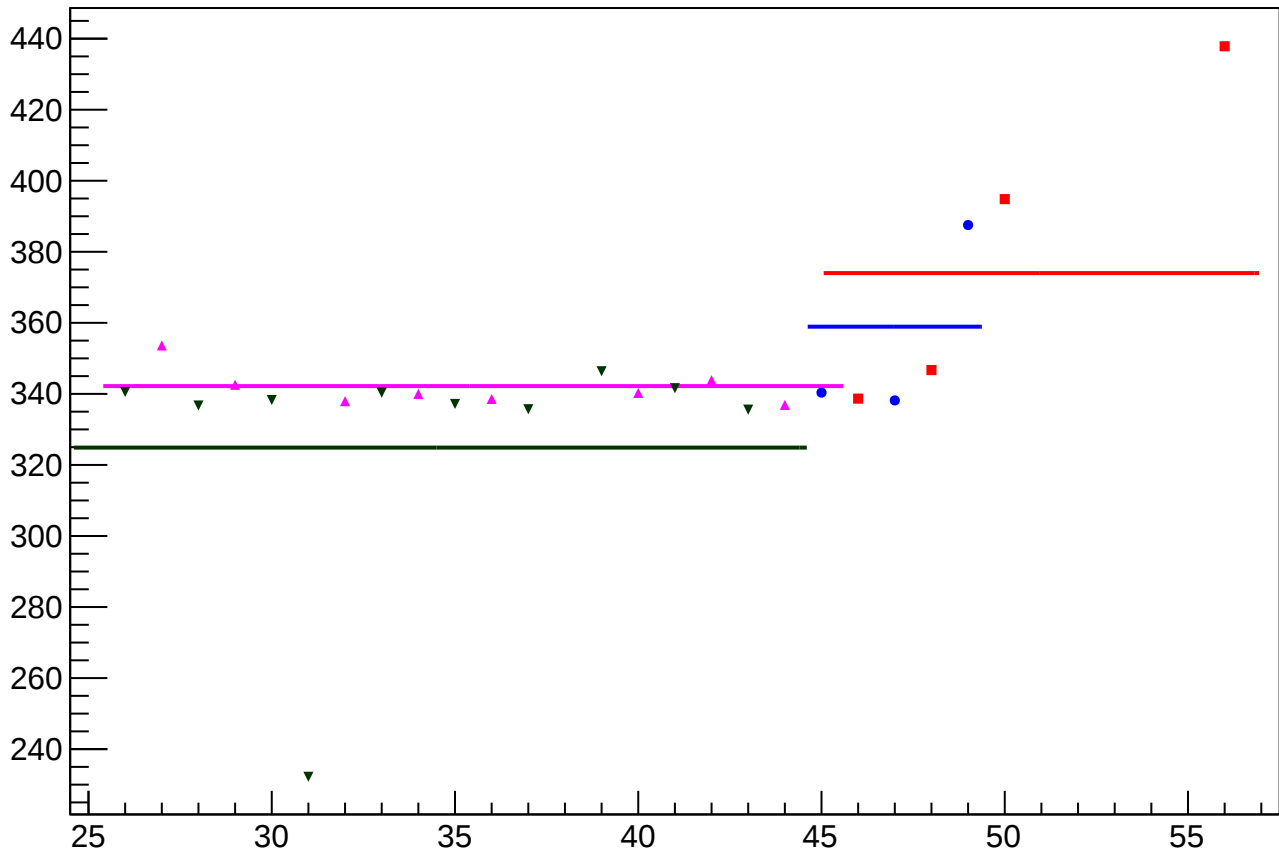
Right Out: -725.782 $\pm$ 274.275 χ^2 /NDF: 1.0/3

Left In: -373.235 $\pm$ 153.688 χ^2 /NDF: 9.5/7

279.095 $\pm$ 125.701 χ^2 /NDF: 10.6/12

-457.478 $\pm$ 134.074 χ^2 /NDF: 11.8/11

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

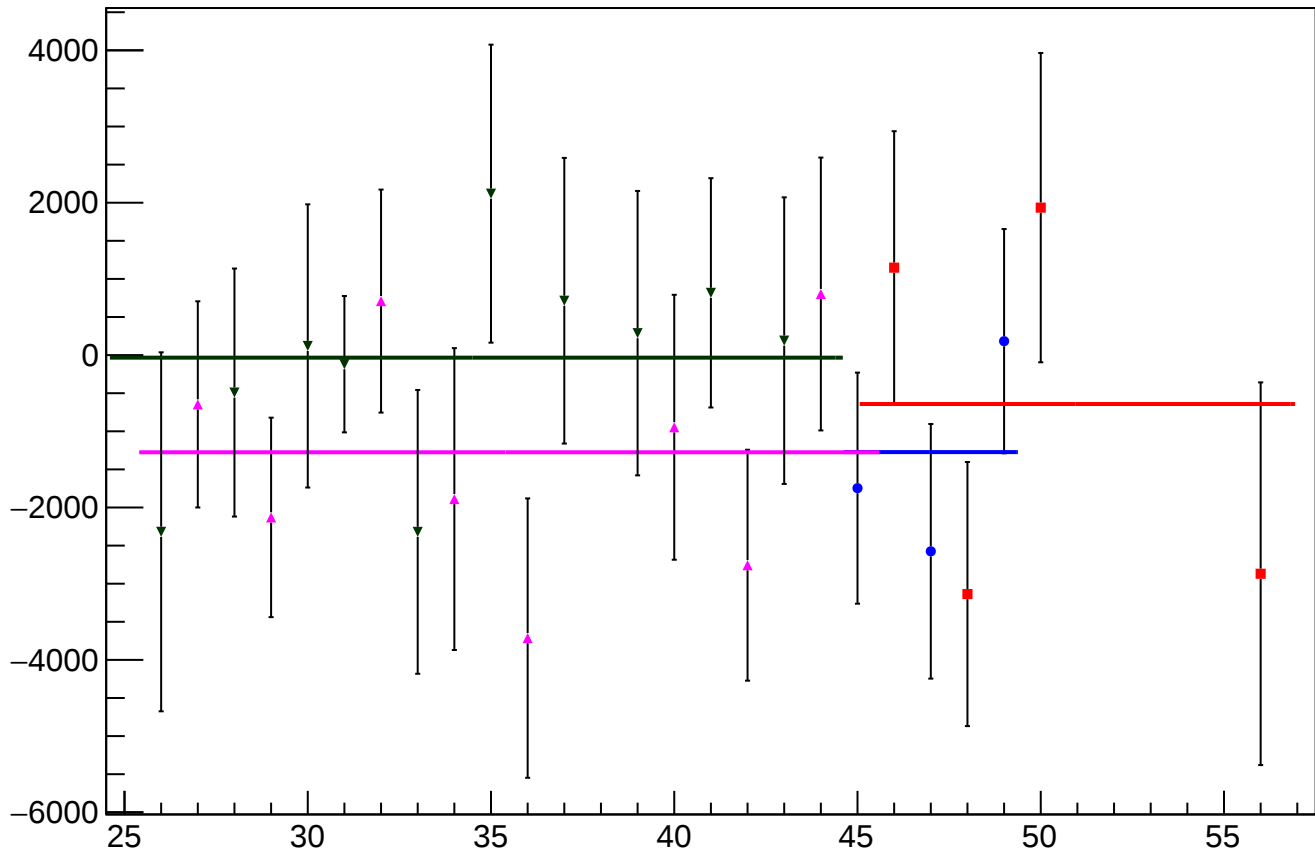
Right Out: 374.006 ± 0.194 χ^2/NDF : 37993.6/3

Left In: 342.194 ± 0.109 χ^2/NDF : 2464.7/7

333.124 ± 0.089 χ^2/NDF : 169714.3/12

349.795 ± 0.095 χ^2/NDF : 60935.3/11

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

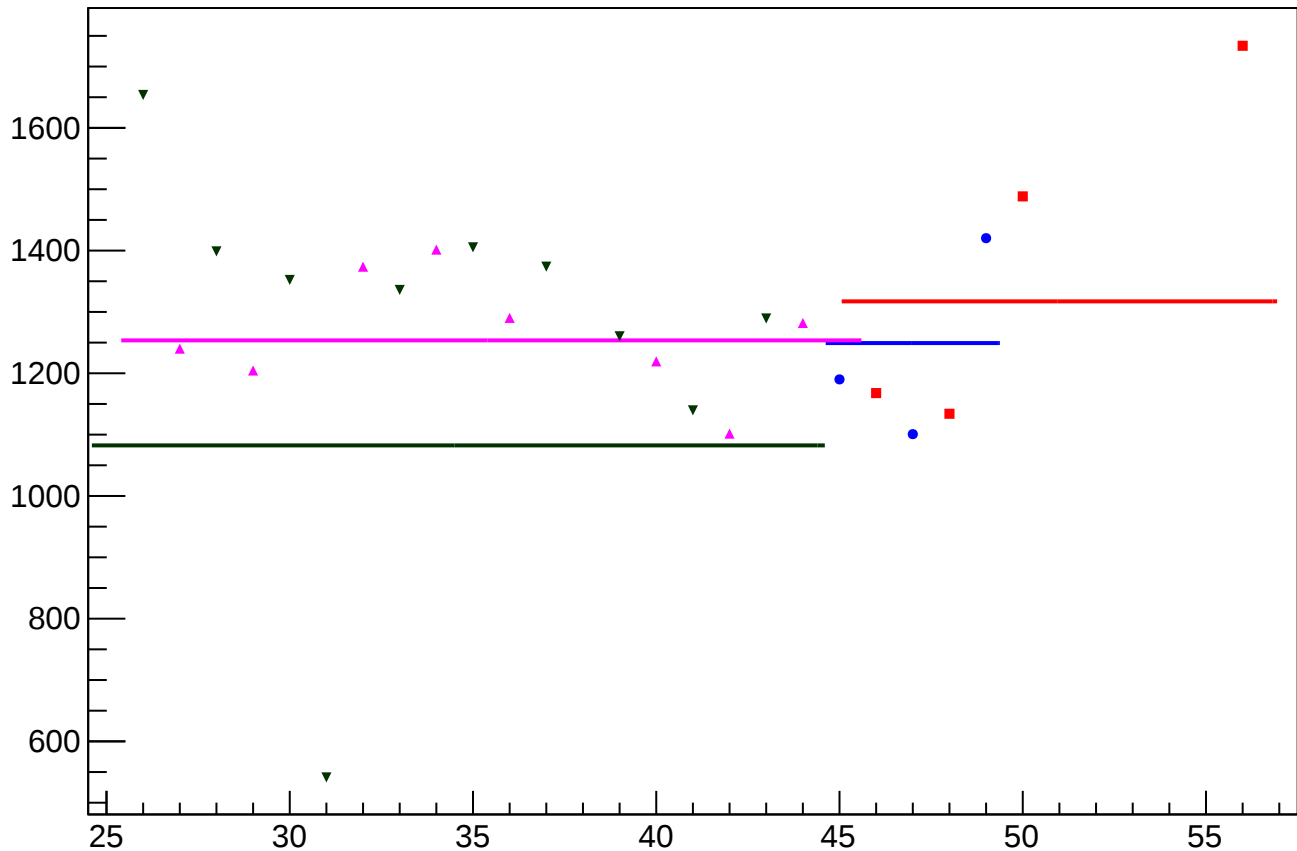
-332.697 $\pm$ 438.690 χ^2 /NDF: 7.4/12

Right Out: -641.860 $\pm$ 977.765 χ^2 /NDF: 5.5/3

-1120.205 $\pm$ 483.732 χ^2 /NDF: 12.5/11

Left In: -1275.228 $\pm$ 556.624 χ^2 /NDF: 6.7/7

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

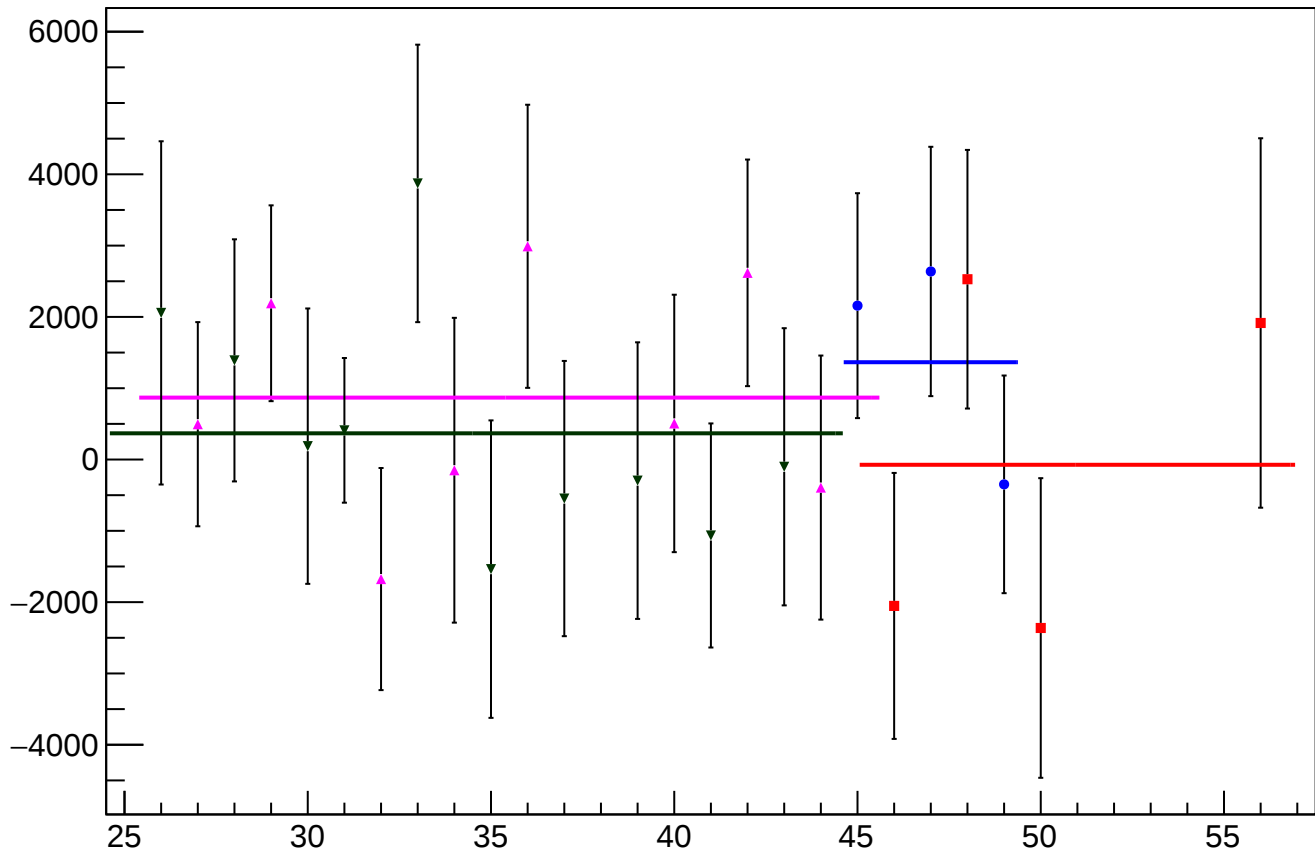
1122.725+/-0.310 χ^2 /NDF: 1250464.5/12

Right Out: 1317.219+/-0.691 χ^2 /NDF: 105549.8/3

1269.194+/-0.342 χ^2 /NDF: 161791.0/11

Left In: 1253.630+/-0.394 χ^2 /NDF:49852.6/7

asym_at1_dd_mean vs slug



Right In: 1364.705 ± 929.065 $\chi^2/\text{NDF}: 2.0/2$

Left Out: 367.665 ± 537.785 $\chi^2/\text{NDF}: 6.2/9$

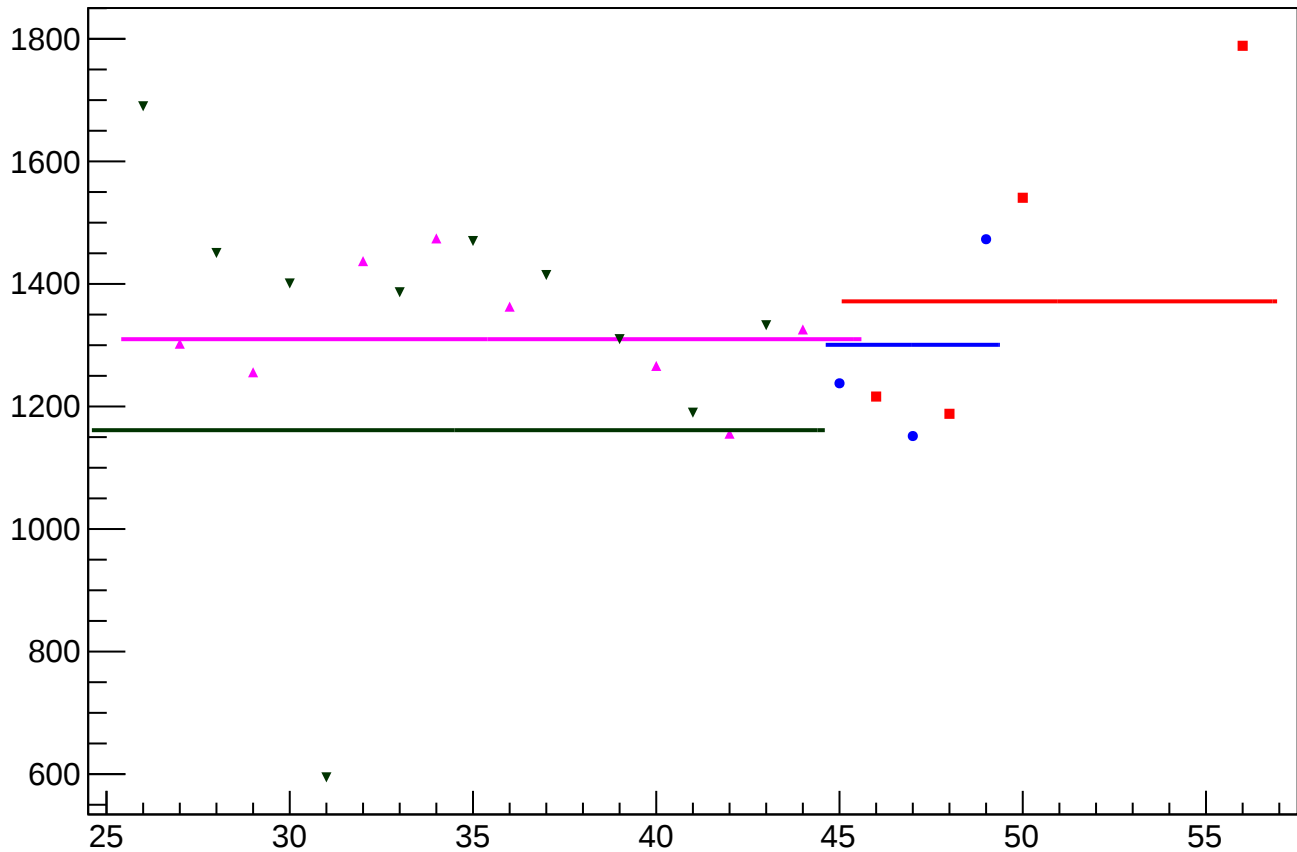
Right Out: -73.659 ± 1016.859 $\chi^2/\text{NDF}: 5.0/3$

Left In: 868.425 ± 587.420 $\chi^2/\text{NDF}: 6.8/7$

617.893 ± 465.433 $\chi^2/\text{NDF}: 9.1/12$

632.702 ± 508.648 $\chi^2/\text{NDF}: 12.4/11$

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

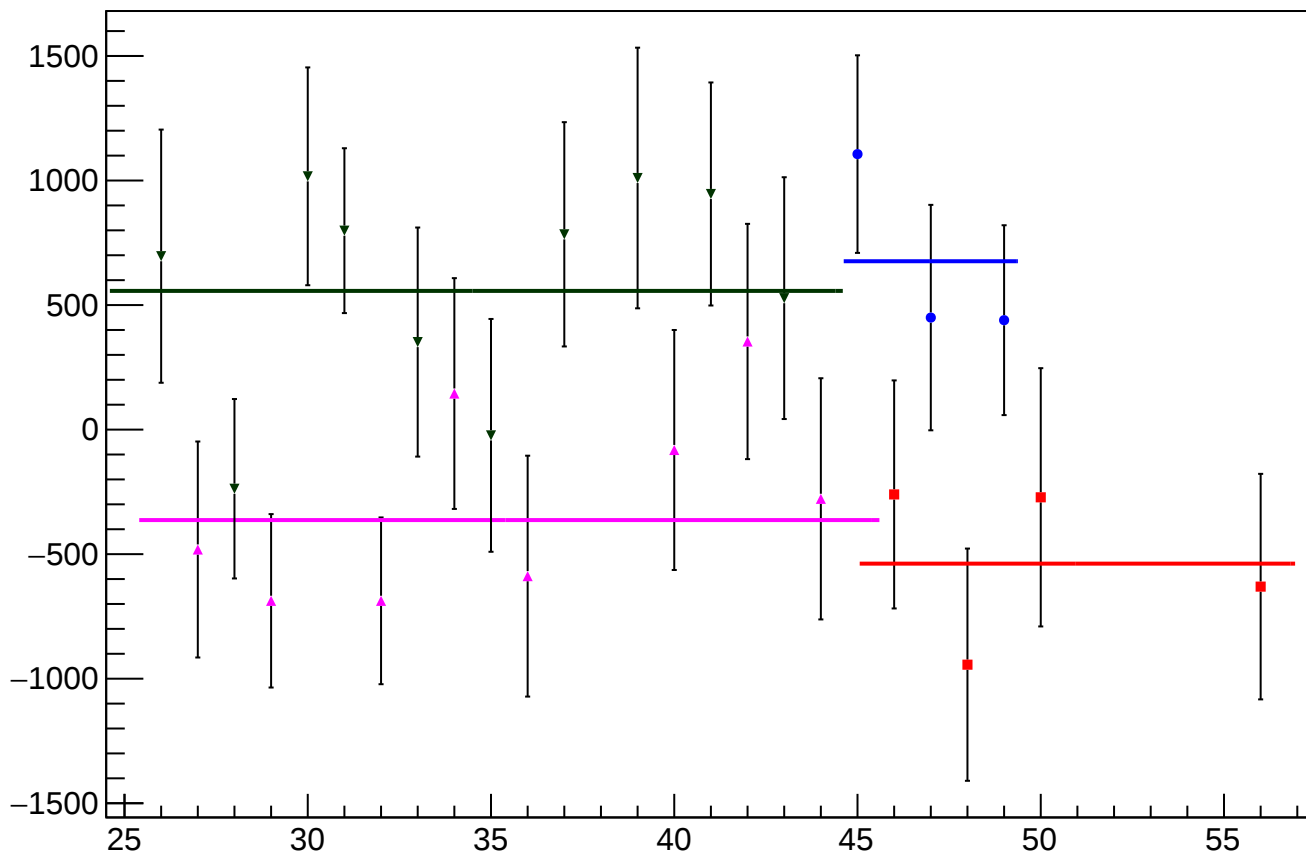
Right Out: 1371.564+/-0.719 χ^2/NDF : 99158.2/3

Left In: 1309.822+/-0.415 χ^2/NDF : 49968.8/7

1196.292+/-0.329 χ^2/NDF : 1018993.7/12

1325.271+/-0.360 χ^2/NDF : 154655.6/11

reg_asym_at2_avg_mean vs slug



Right In: 675.969 ± 234.895 $\chi^2/\text{NDF}: 1.8/2$

Left Out: 556.863 ± 137.272 $\chi^2/\text{NDF}: 10.1/9$

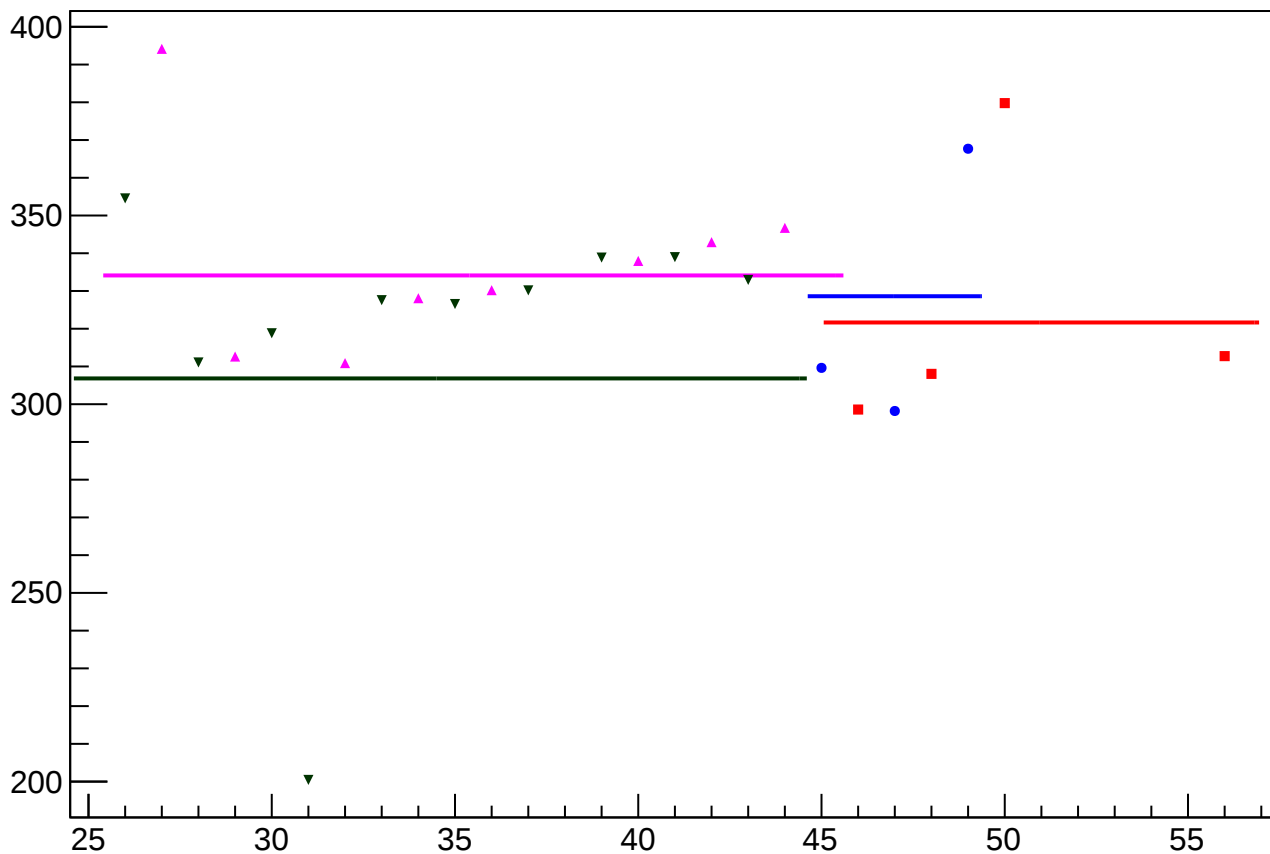
Right Out: -538.098 ± 235.882 $\chi^2/\text{NDF}: 1.4/3$

Left In: -363.206 ± 149.925 $\chi^2/\text{NDF}: 6.0/7$

587.185 ± 118.518 $\chi^2/\text{NDF}: 12.1/12$

-413.529 ± 126.530 $\chi^2/\text{NDF}: 7.8/11$

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

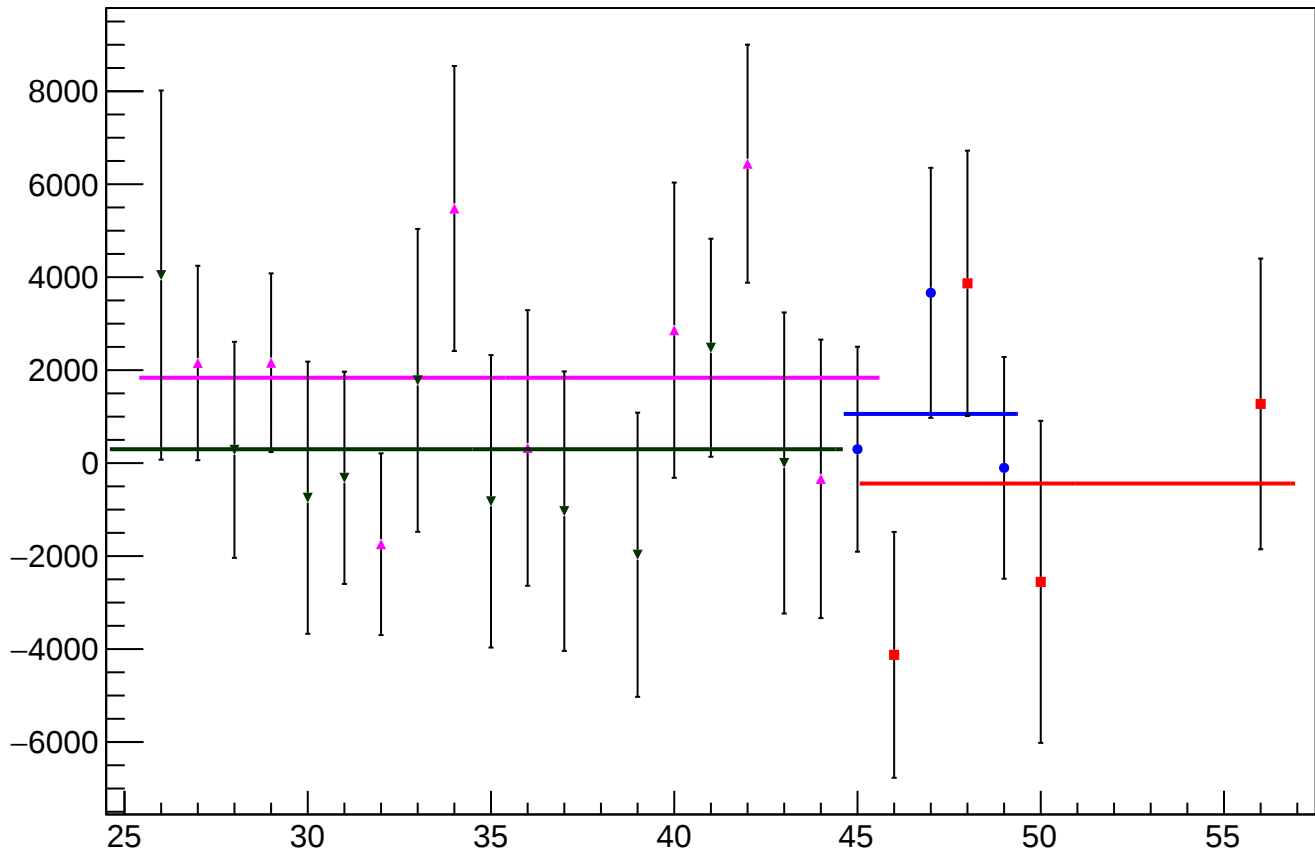
Right Out: 321.655+/-0.167 χ^2/NDF : 32702.3/3

Left In: 334.120+/-0.106 χ^2/NDF :58261.7/7

312.374+/-0.084 χ^2/NDF : 310138.0/12

330.533+/-0.089 χ^2/NDF : 94941.6/11

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

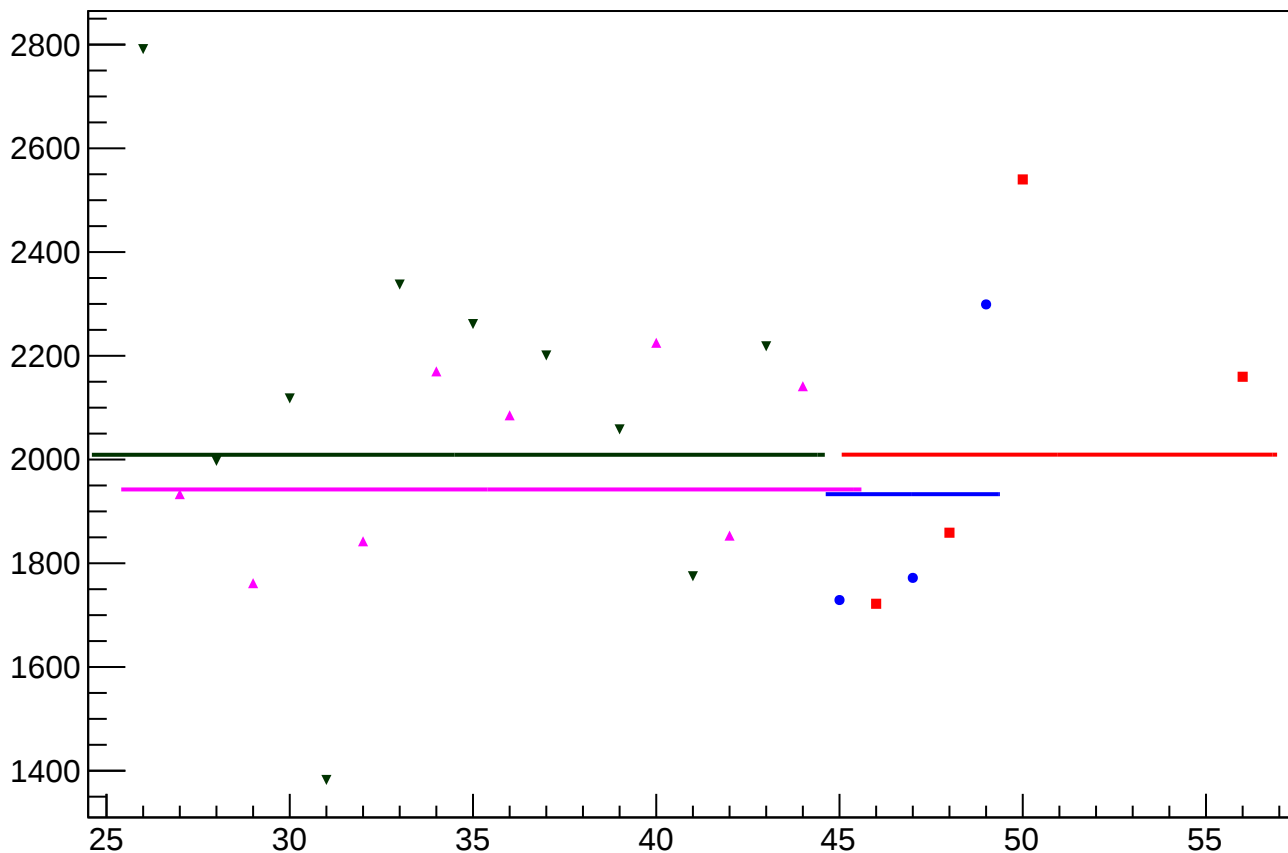
Right Out: -438.799+/-1488.475 χ^2/NDF : 4.9/3

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

522.319+/-752.285 χ^2/NDF : 4.6/12

1264.752+/-746.199 χ^2/NDF : 15.6/11

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

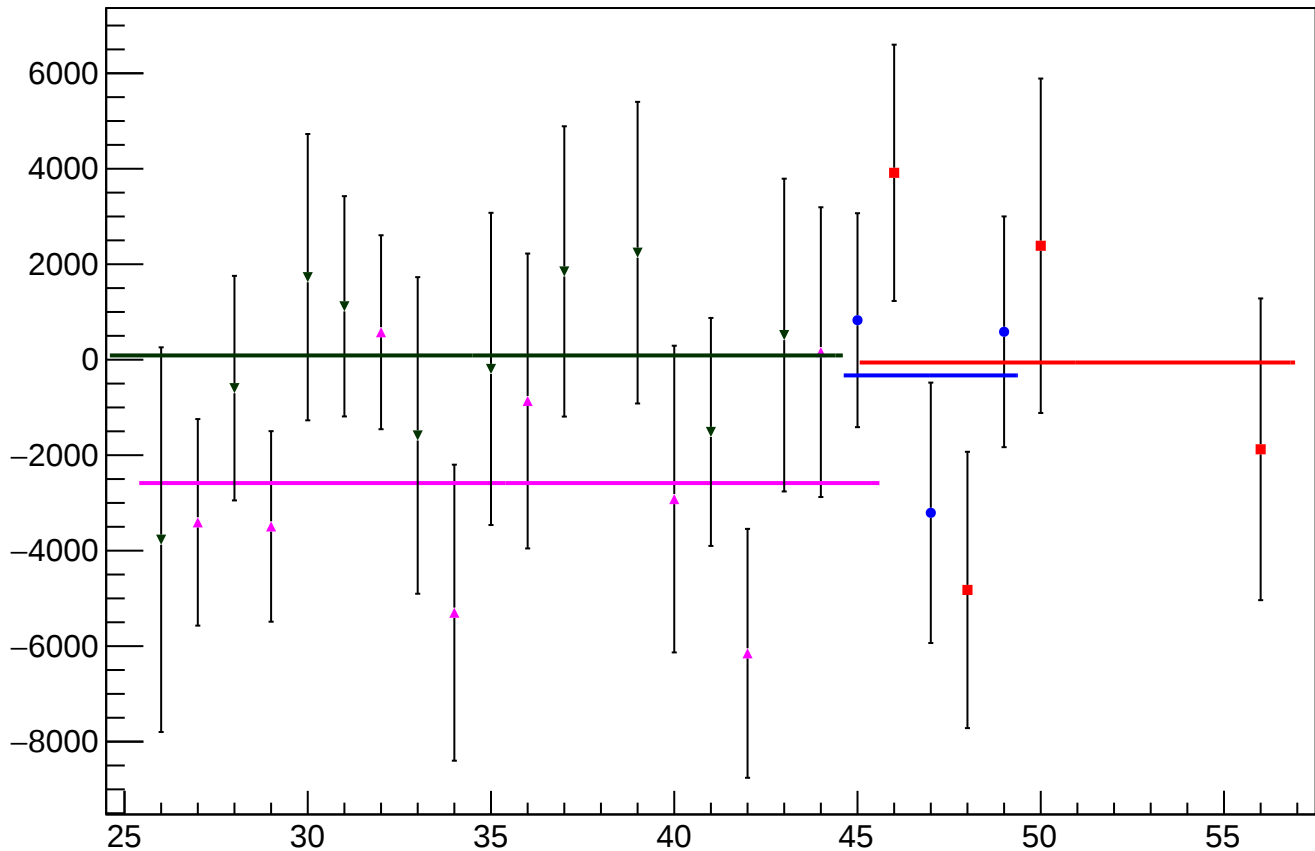
Right Out: 2009.425+/-1.053 χ^2/NDF : 80749.7/3

Left In: 1942.327+/-0.610 χ^2/NDF : 65743.5/7

1986.836+/-0.532 χ^2/NDF : 376869.8/12

1959.190+/-0.528 χ^2/NDF : 149536.0/11

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

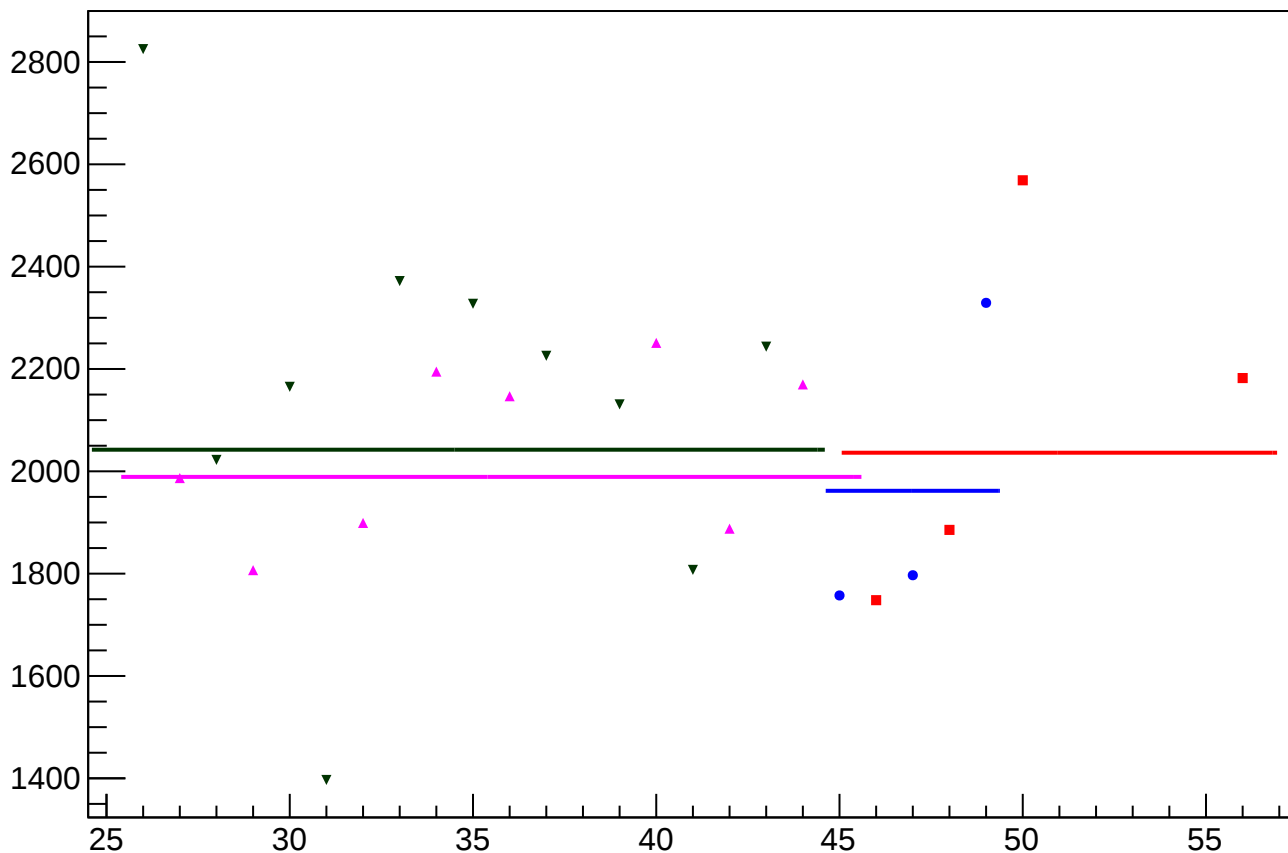
Right Out: -58.692+/-1507.845 χ^2/NDF : 5.7/3

Left In: -2584.001+/-887.895 χ^2/NDF : 6.5/7

-34.227+/-765.241 χ^2/NDF : 4.6/12

-1933.812+/-765.102 χ^2/NDF : 14.3/11

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

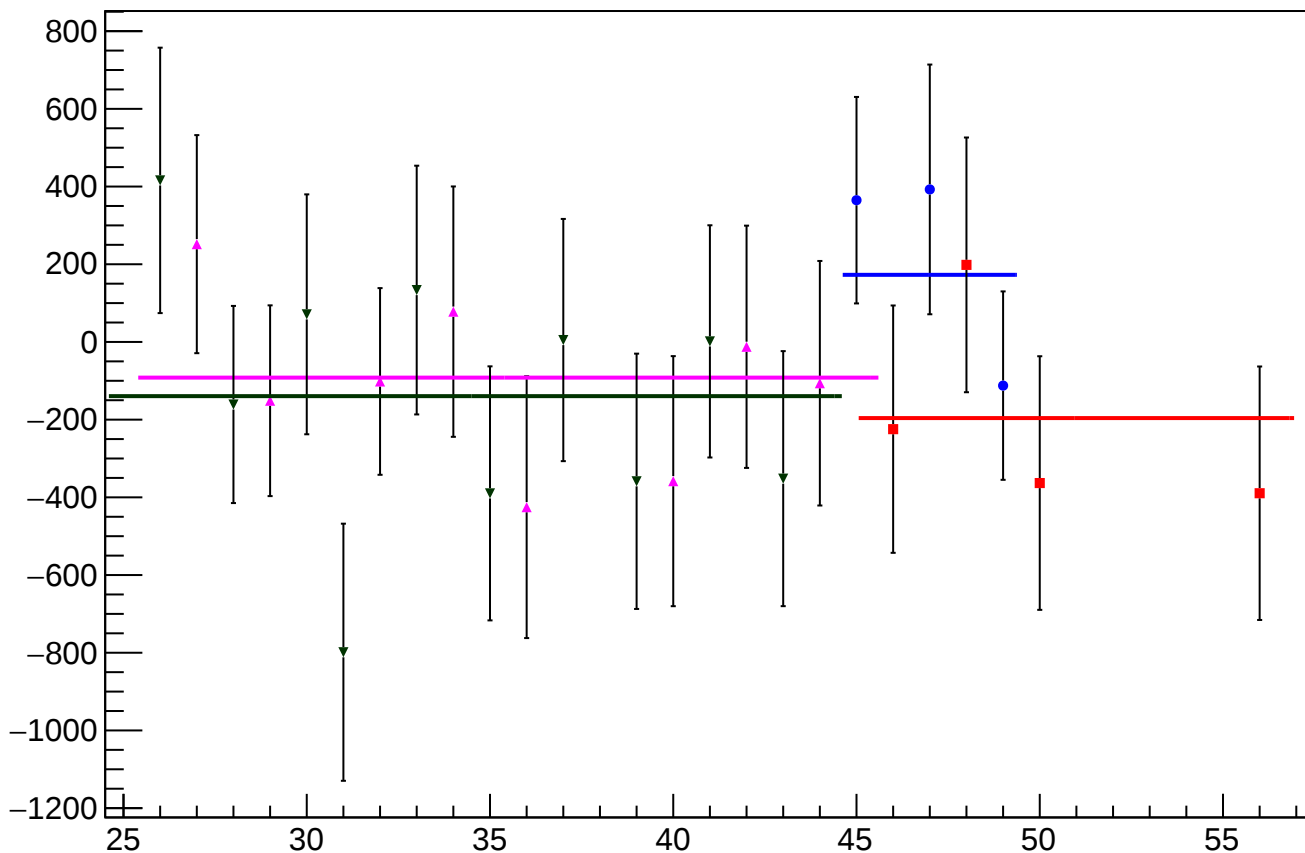
Right Out: 2036.354 ± 1.066 χ^2/NDF : 78963.8/3

Left In: 1989.107 ± 0.628 χ^2/NDF : 58031.4/7

2018.493 ± 0.541 χ^2/NDF : 381082.8/12

2001.271 ± 0.541 χ^2/NDF : 138453.2/11

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

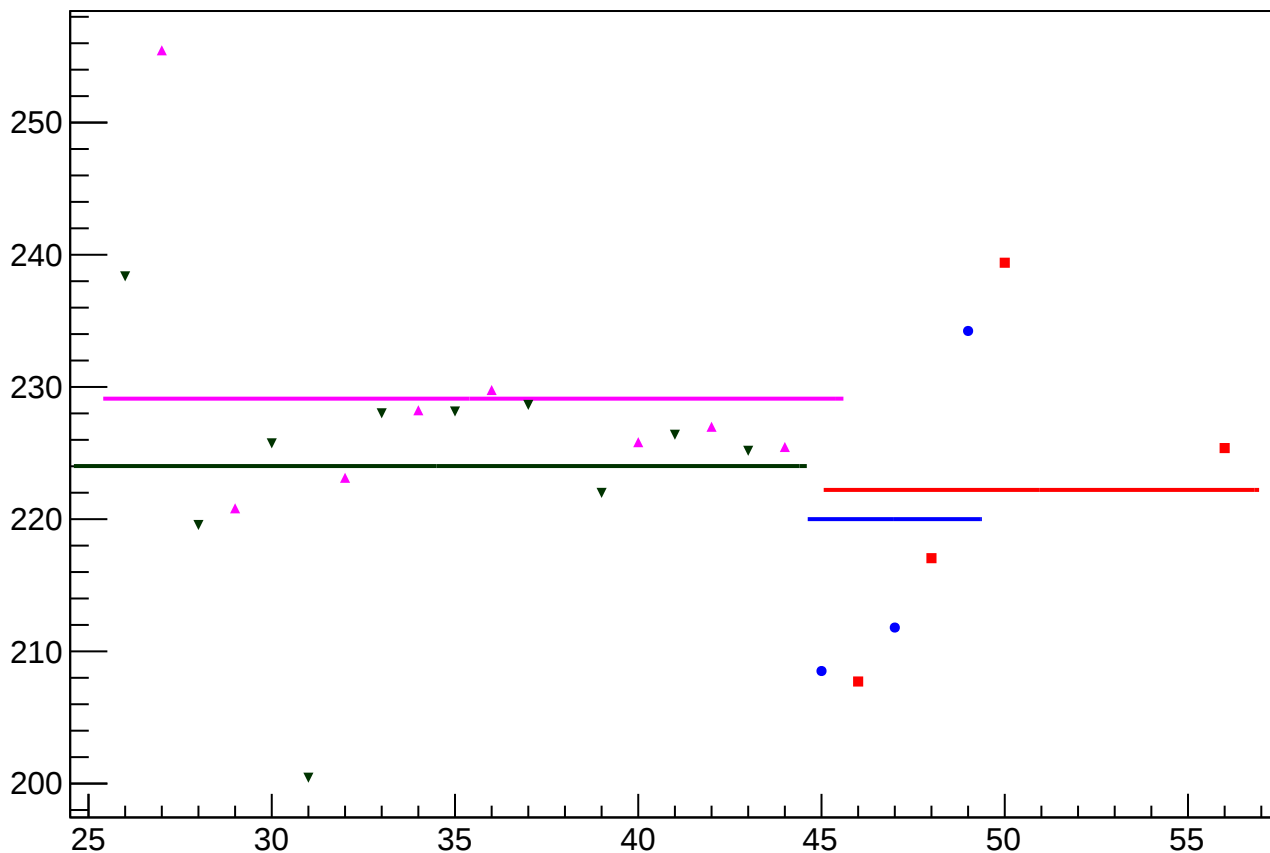
Right Out: -195.962 $\pm$ 162.318 χ^2 /NDF: 2.1/3

Left In: -91.824 $\pm$ 102.556 χ^2 /NDF: 3.6/7

-50.747 $\pm$ 83.418 χ^2 /NDF: 14.9/12

-121.535 $\pm$ 86.700 χ^2 /NDF: 5.9/11

reg_asym_at2_dd_rms vs slug



Right In: 220.003 ± 0.111 $\chi^2/\text{NDF}: 11931.7/2$

Left Out: 224.018 ± 0.070 $\chi^2/\text{NDF}: 15653.5/9$

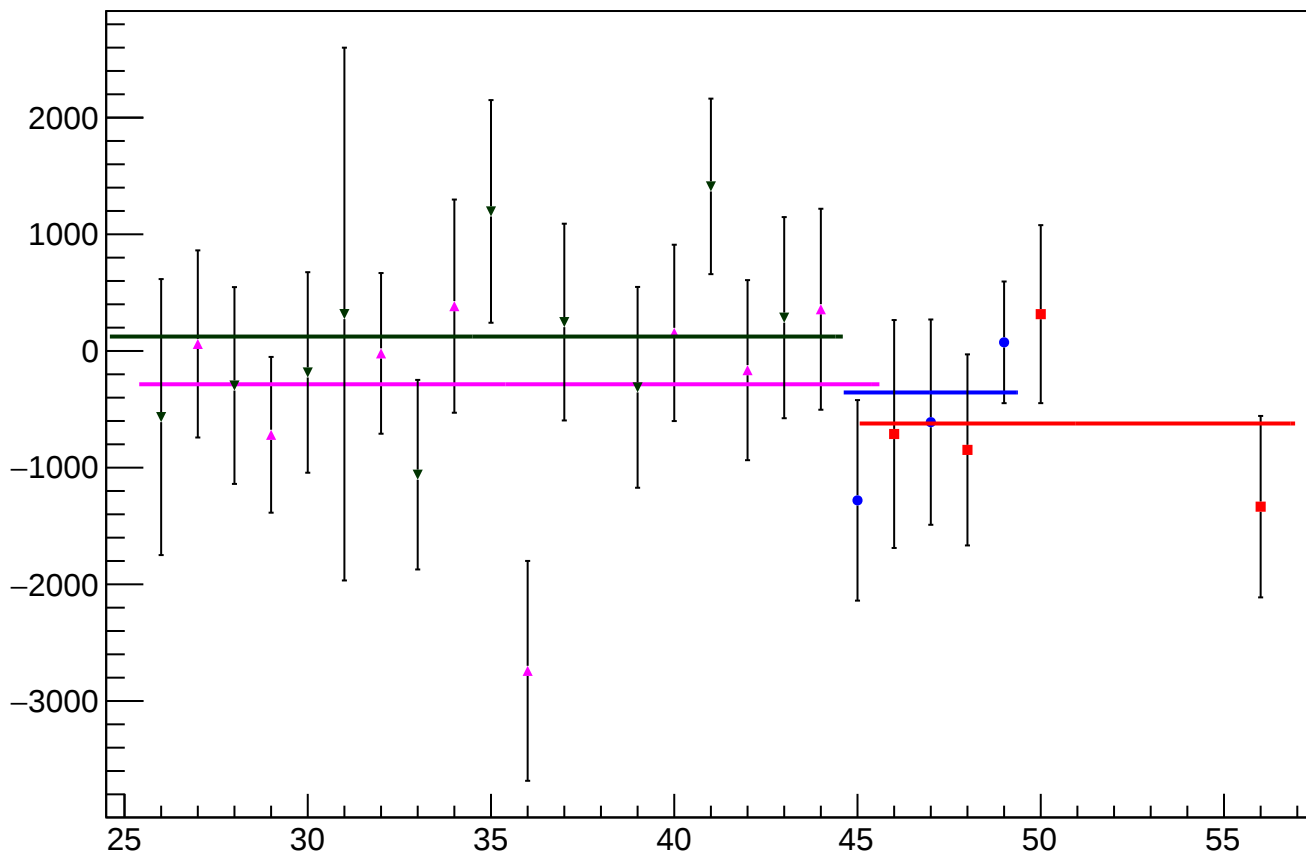
222.876 ± 0.059 $\chi^2/\text{NDF}: 28527.8/12$

Right Out: 222.213 ± 0.115 $\chi^2/\text{NDF}: 10373.2/3$

227.146 ± 0.061 $\chi^2/\text{NDF}: 34705.4/11$

Left In: 229.116 ± 0.073 $\chi^2/\text{NDF}: 21746.8/7$

asym_at2_dd_correction_mean vs slug



Right In: -355.570 ± 397.658 $\chi^2/\text{NDF}: 1.9/2$

Left Out: 123.706 ± 286.884 $\chi^2/\text{NDF}: 7.4/9$

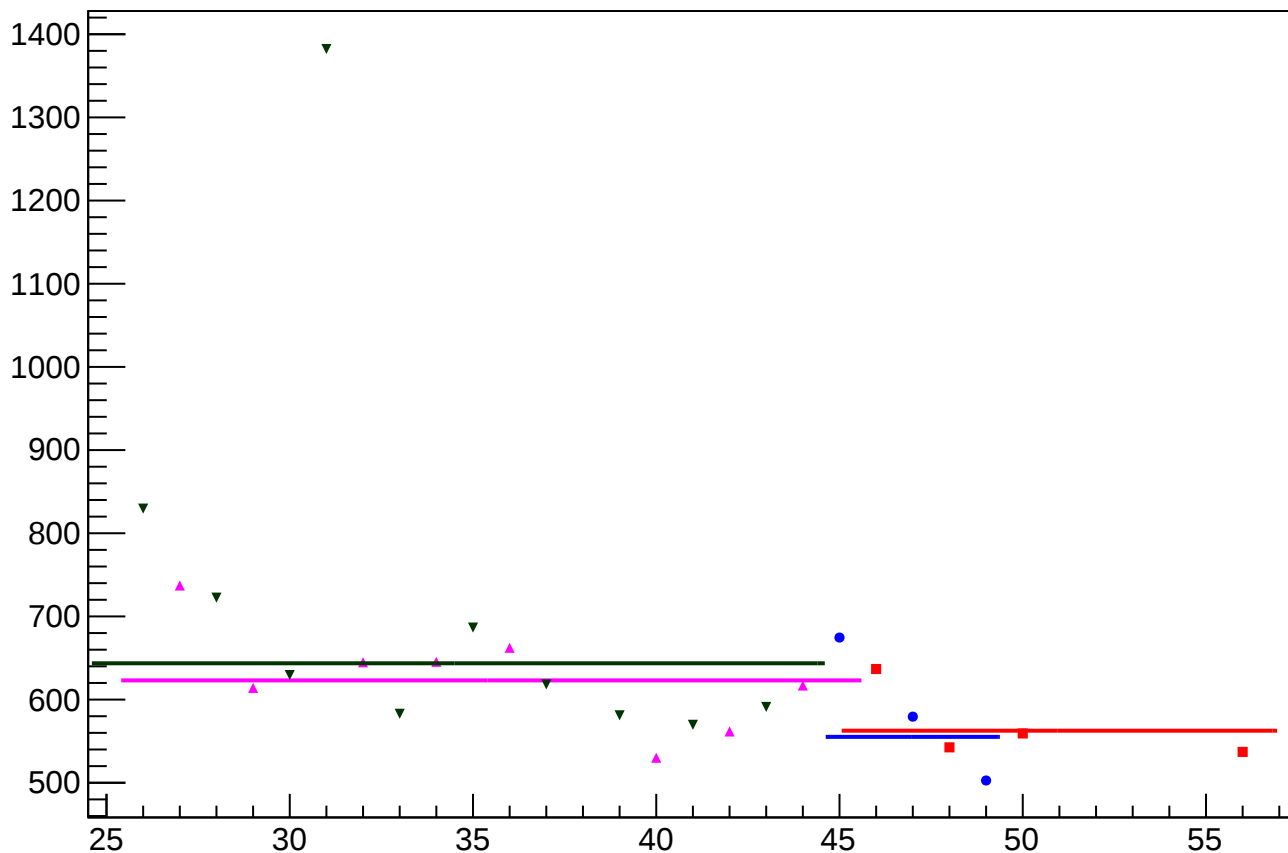
Right Out: -621.585 ± 411.280 $\chi^2/\text{NDF}: 2.4/3$

Left In: -285.318 ± 277.235 $\chi^2/\text{NDF}: 9.0/7$

-40.353 ± 232.658 $\chi^2/\text{NDF}: 10.2/12$

-390.375 ± 229.884 $\chi^2/\text{NDF}: 11.9/11$

asym_at2_dd_correction_rms vs slug



Right In: 555.202 $\pm$ 0.281 χ^2 /NDF: 60359.7/2

Left Out: 643.644 $\pm$ 0.203 χ^2 /NDF: 331127.9/9

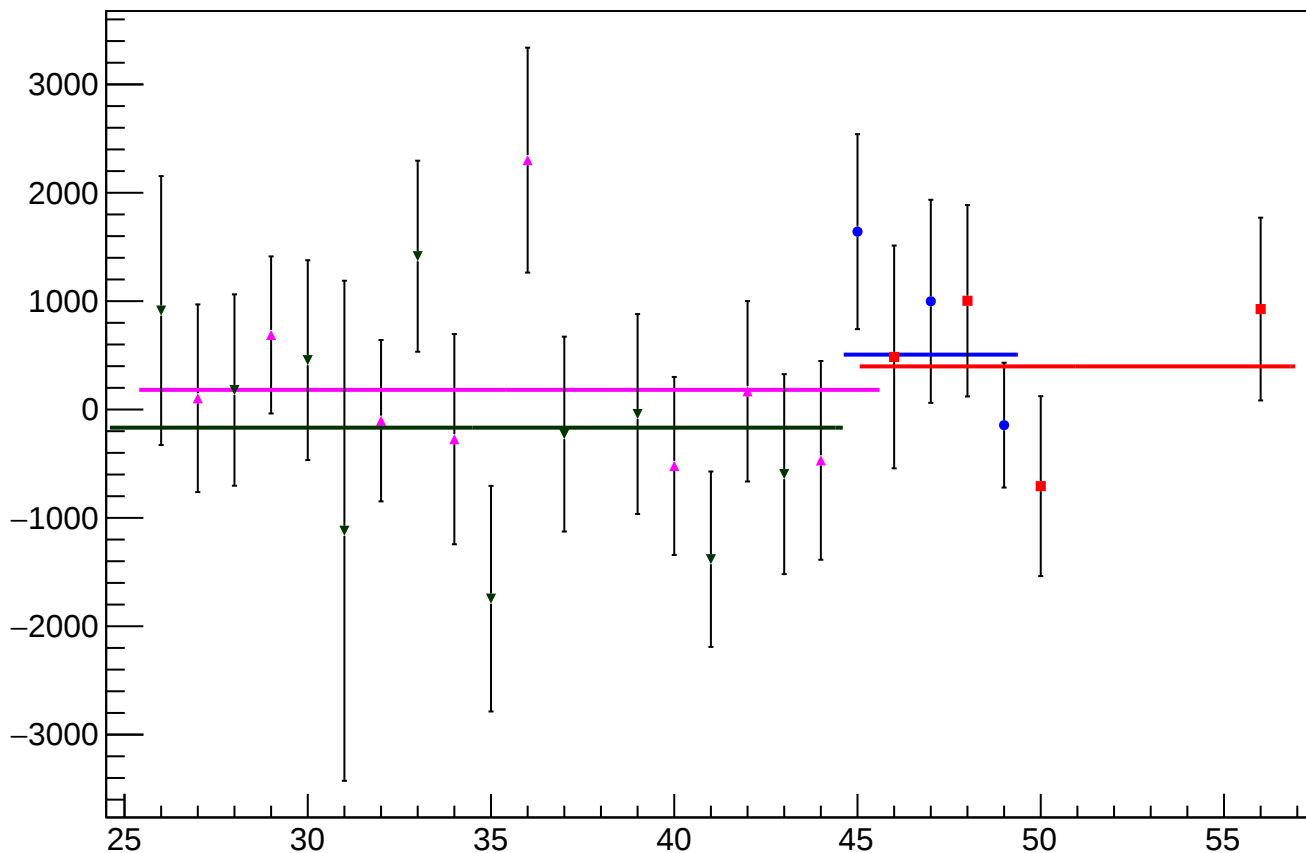
Right Out: 562.607 $\pm$ 0.291 χ^2 /NDF: 14916.9/3

Left In: 623.079 $\pm$ 0.196 χ^2 /NDF: 90546.5/7

613.369 $\pm$ 0.165 χ^2 /NDF: 456553.1/12

604.186 $\pm$ 0.163 χ^2 /NDF: 135192.2/11

asym_at2_dd_mean vs slug



Right In: 506.391 ± 430.670 $\chi^2/\text{NDF}: 3.1/2$

Left Out: -167.454 ± 306.843 $\chi^2/\text{NDF}: 9.5/9$

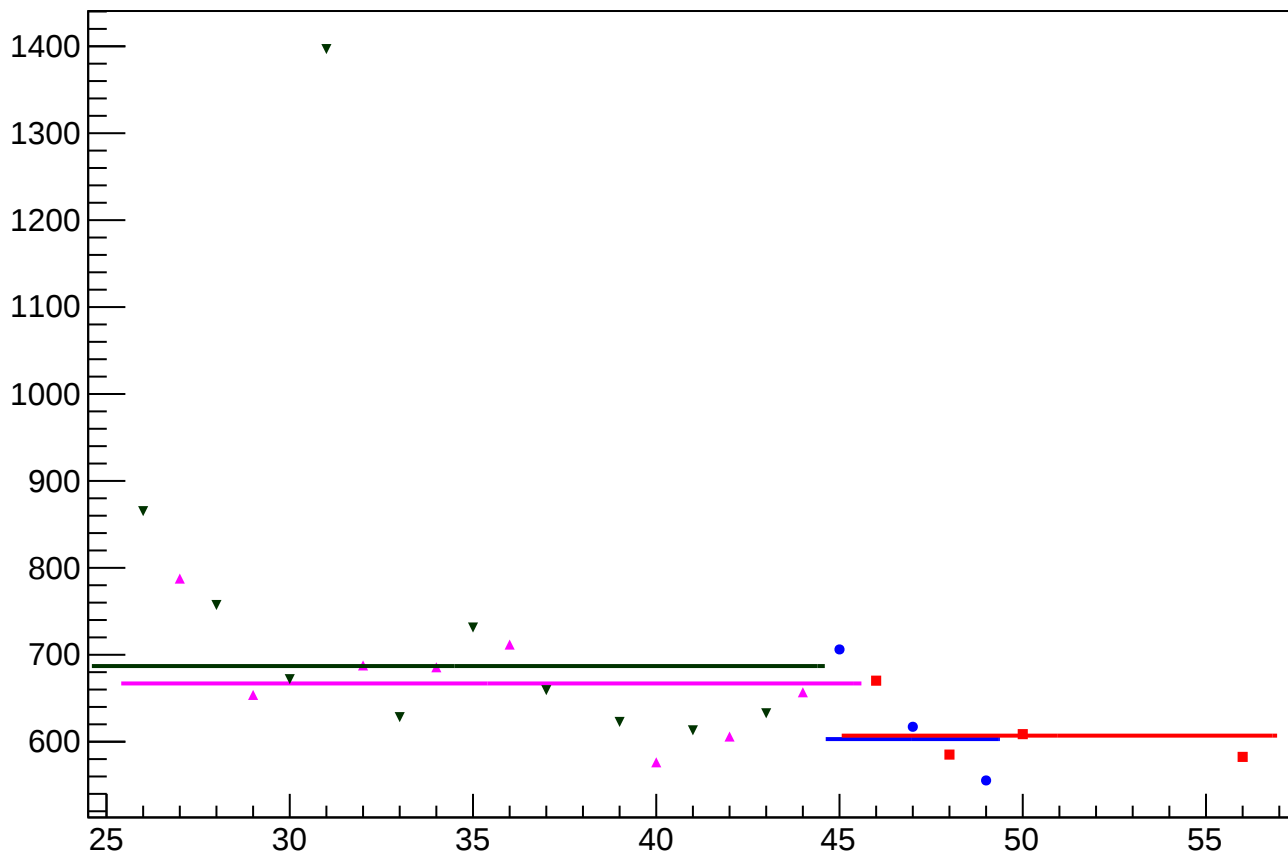
Right Out: 397.886 ± 443.398 $\chi^2/\text{NDF}: 2.6/3$

Left In: 181.369 ± 299.524 $\chi^2/\text{NDF}: 6.3/7$

59.433 ± 249.902 $\chi^2/\text{NDF}: 14.3/12$

249.212 ± 248.200 $\chi^2/\text{NDF}: 9.1/11$

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

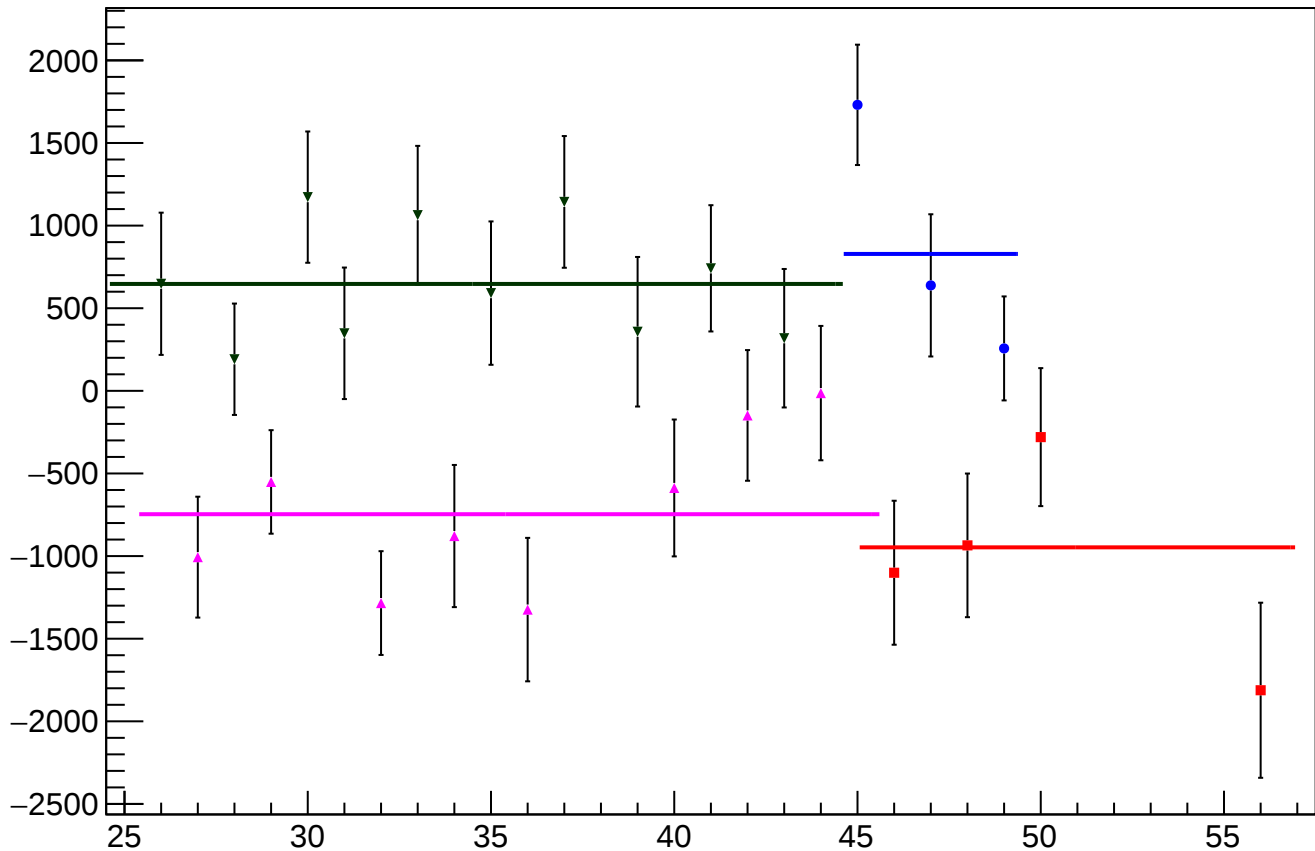
Right Out: 606.990 ± 0.314 χ^2/NDF : 10476.9/3

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

658.747 ± 0.177 χ^2/NDF : 382333.3/12

648.209 ± 0.176 χ^2/NDF : 116520.0/11

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

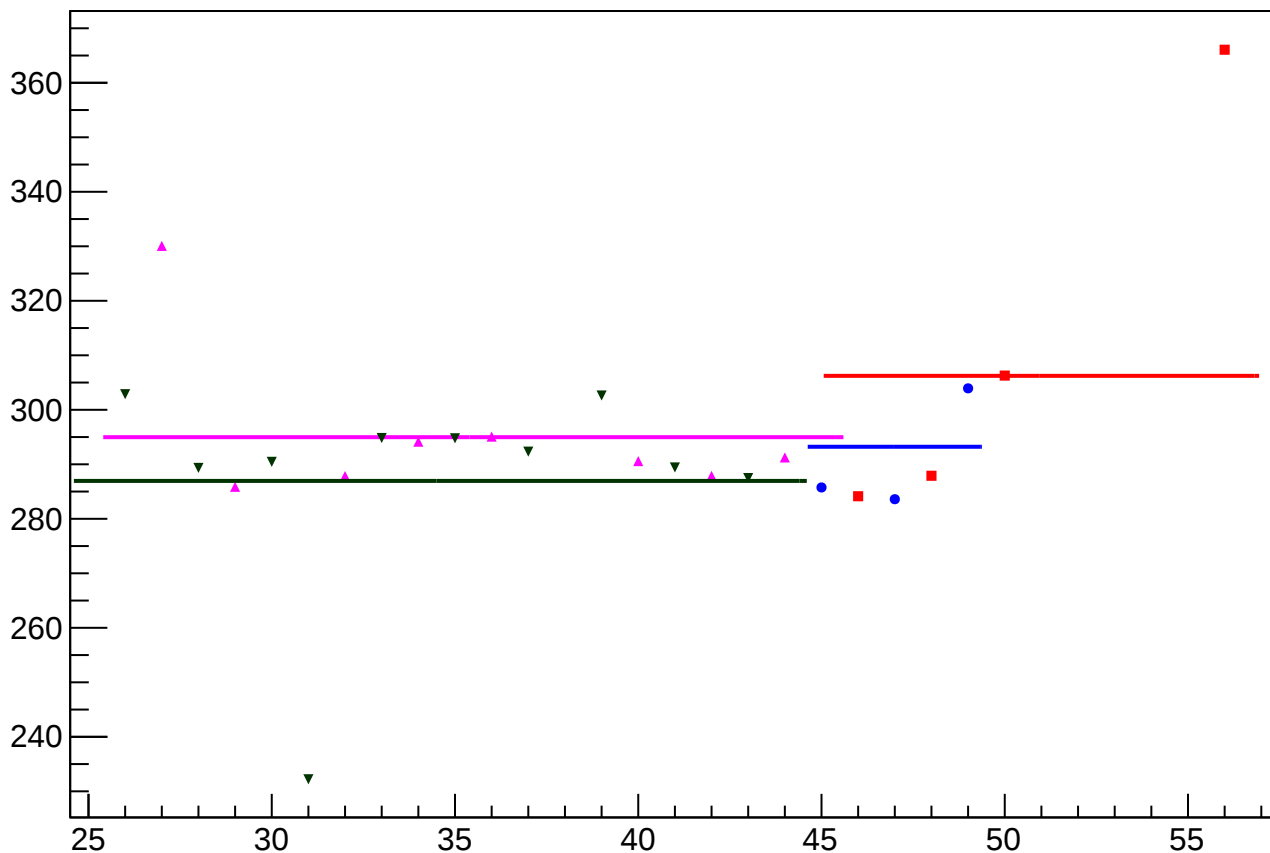
Right Out: -947.158 $\pm$ 224.404 χ^2/NDF : 5.3/3

Left In: -746.580 $\pm$ 132.693 χ^2/NDF : 11.4/7

696.387 $\pm$ 108.711 χ^2/NDF : 18.0/12

-798.544 $\pm$ 114.219 χ^2/NDF : 17.3/11

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

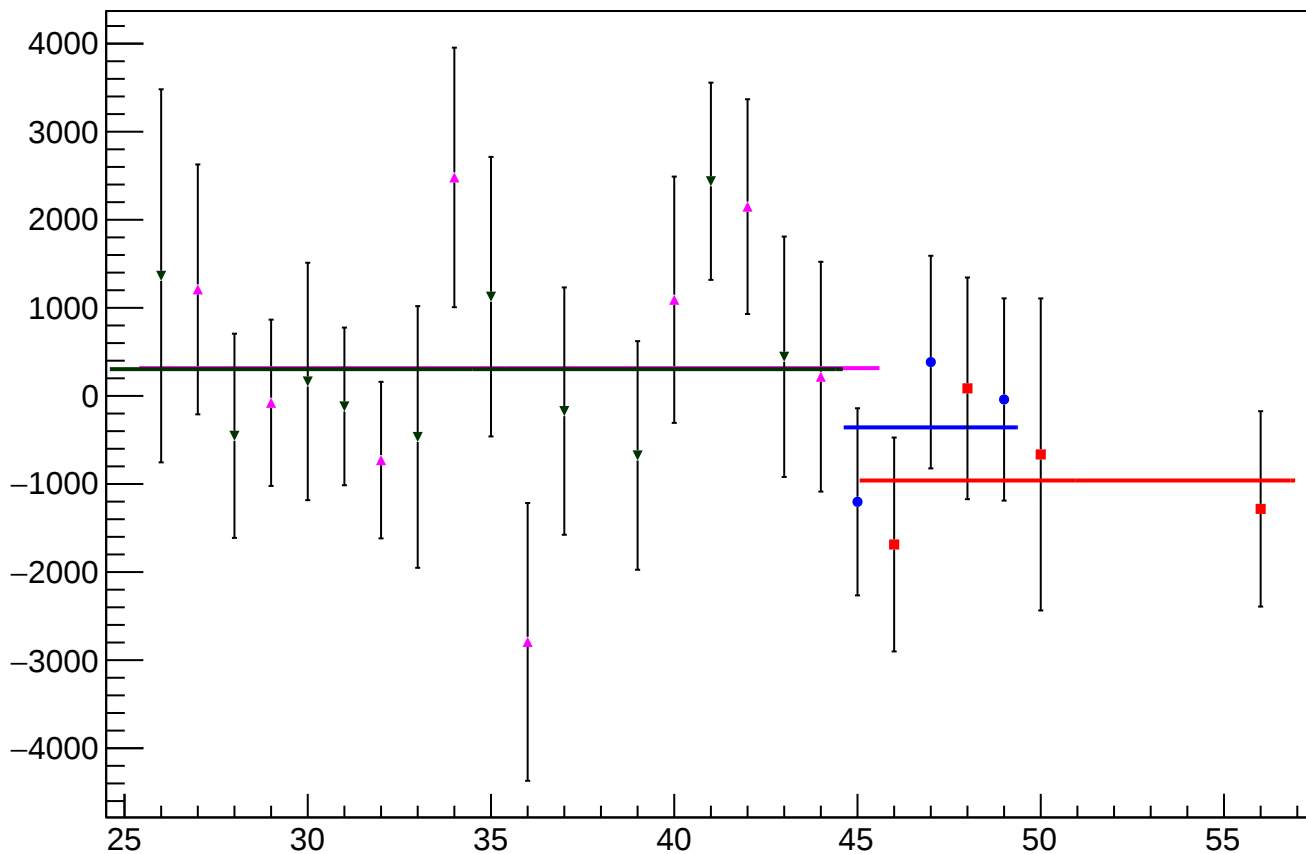
288.659+/-0.077 χ^2/NDF : 50510.9/12

Right Out: 306.231+/-0.159 χ^2/NDF : 34207.2/3

297.892+/-0.081 χ^2/NDF : 60109.9/11

Left In: 294.977+/-0.094 χ^2/NDF :22175.8/7

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

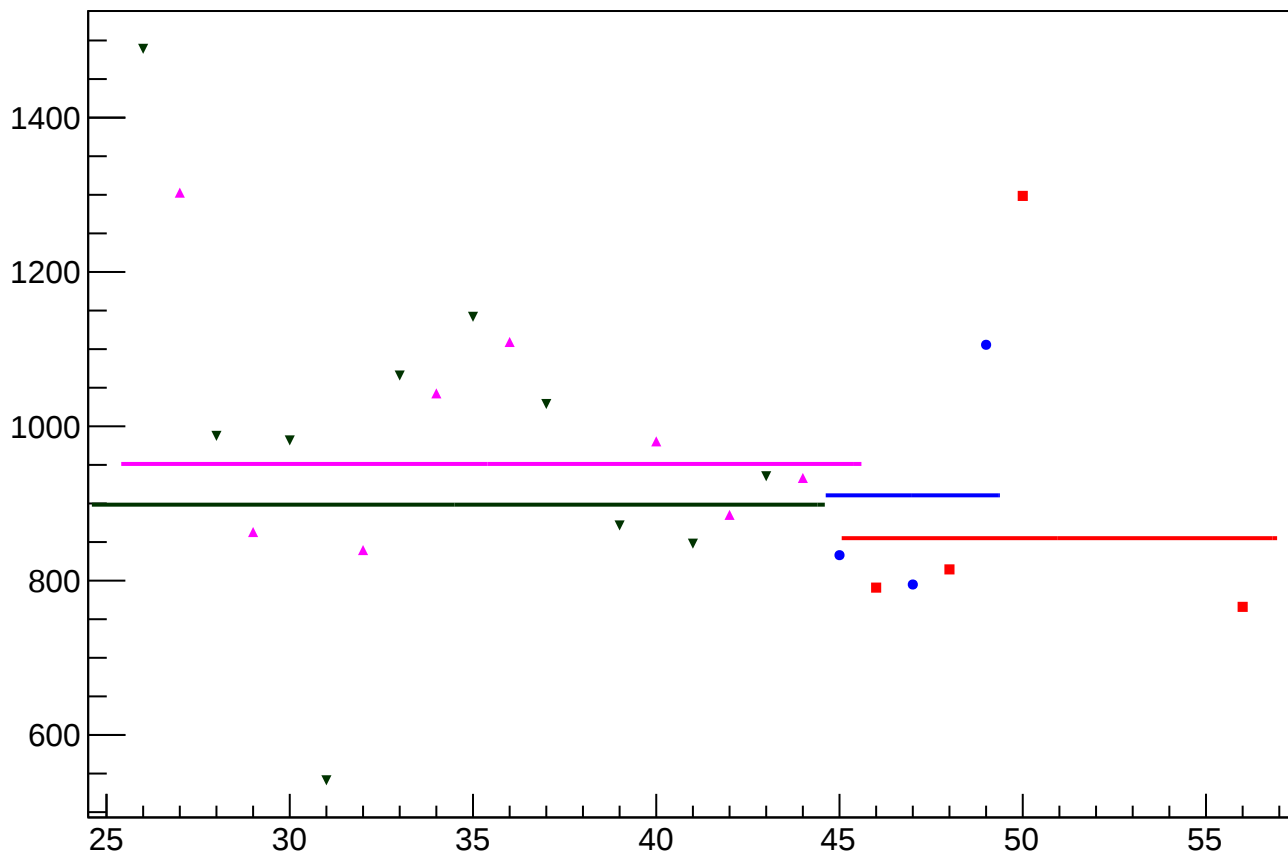
Right Out: -960.218+/-640.067 χ^2 /NDF: 1.2/3

Left In: 315.709+/-425.643 χ^2 /NDF:10.6/7

120.112+/-345.392 χ^2 /NDF: 7.6/12

-75.522+/-354.429 χ^2 /NDF: 14.5/11

asym_atl1r2_avg_correction_rms vs slug



Right In: 910.541 $\pm$ 0.463 χ^2 /NDF: 86737.4/2

Left Out: 898.453 $\pm$ 0.287 χ^2 /NDF: 589701.9/9

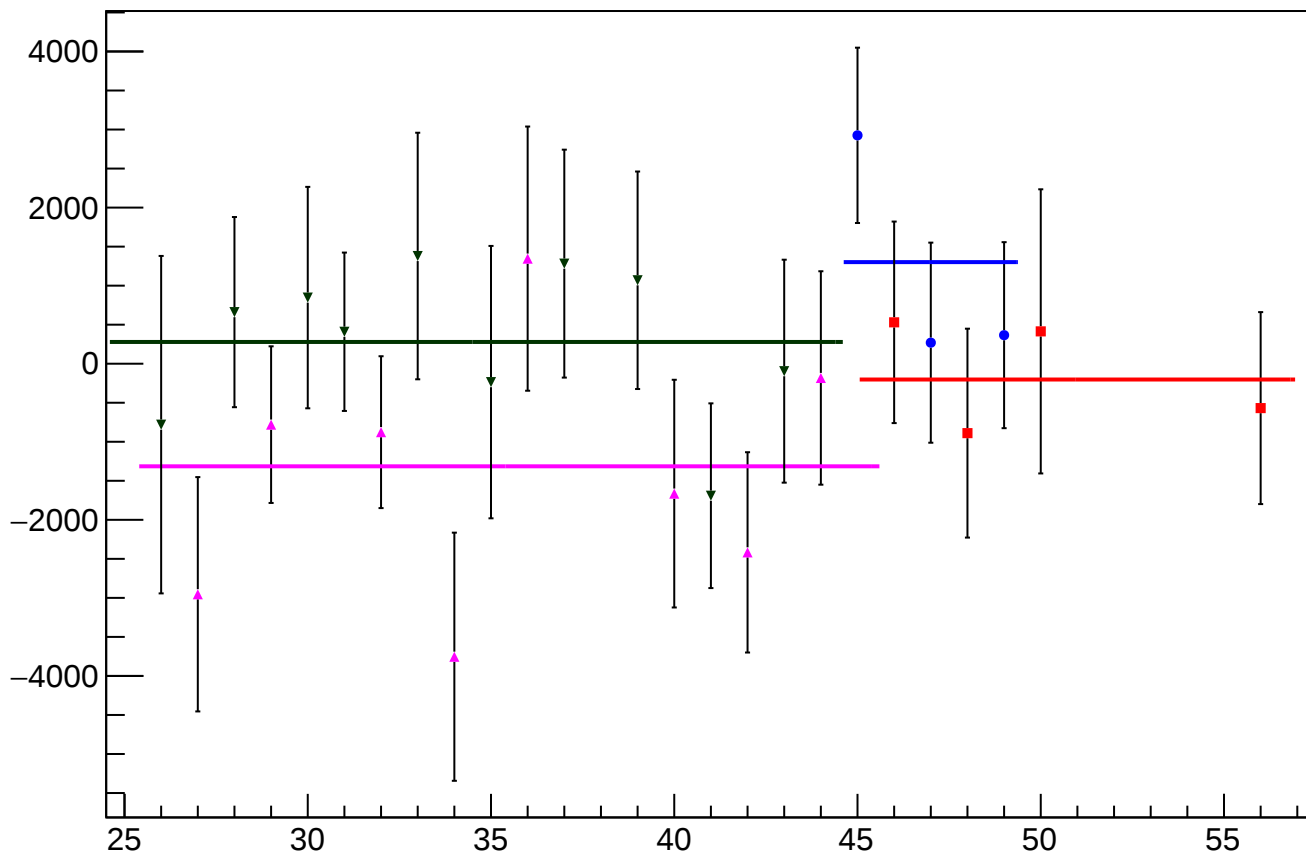
Right Out: 855.036 $\pm$ 0.453 χ^2 /NDF: 145908.9/3

Left In: 951.224 $\pm$ 0.301 χ^2 /NDF: 206752.8/7

901.815 $\pm$ 0.244 χ^2 /NDF: 676931.1/12

921.731 $\pm$ 0.251 χ^2 /NDF: 383979.8/11

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

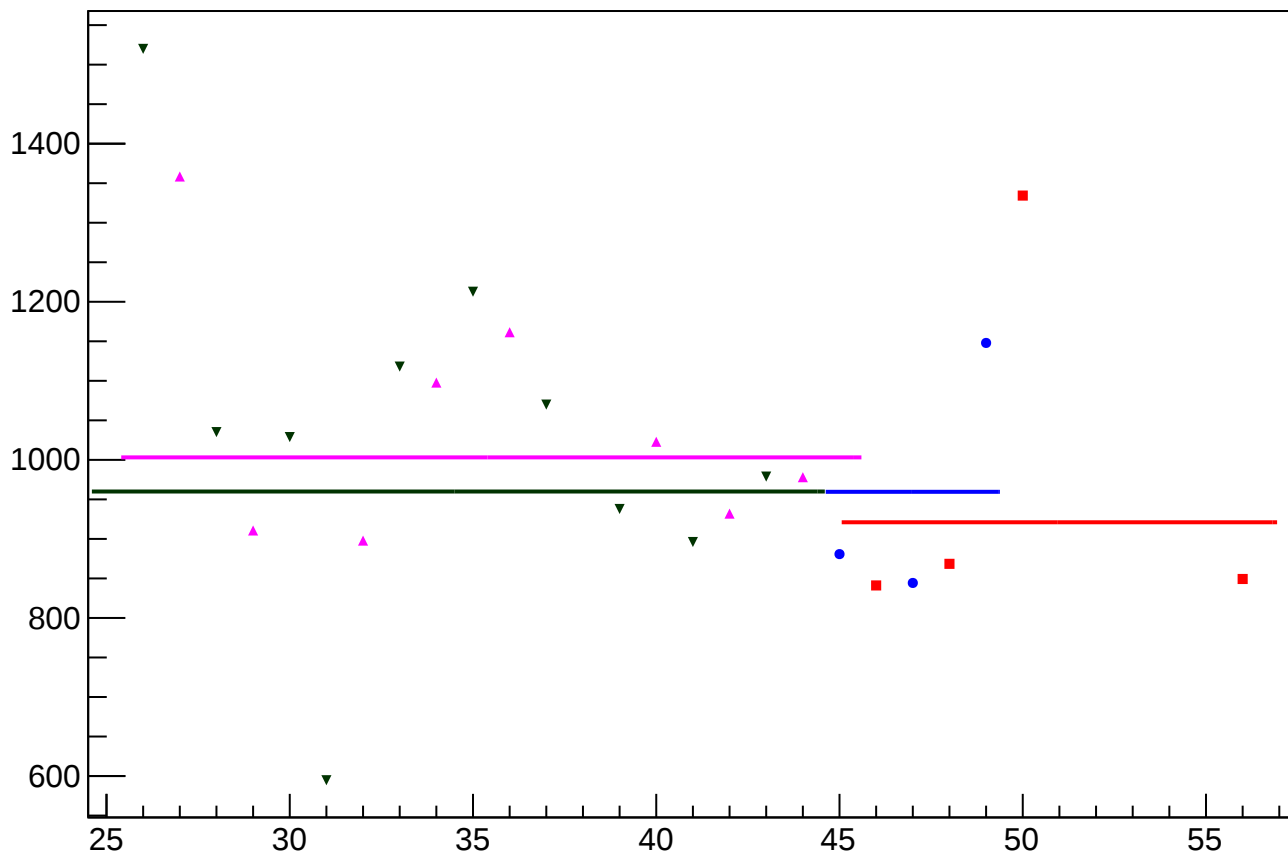
Right Out: -202.502 ± 686.531 χ^2/NDF : 0.8/3

Left In: -1314.458 ± 454.003 χ^2/NDF : 8.0/7

570.511 ± 368.085 χ^2/NDF : 9.7/12

-976.135 ± 378.688 χ^2/NDF : 10.6/11

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

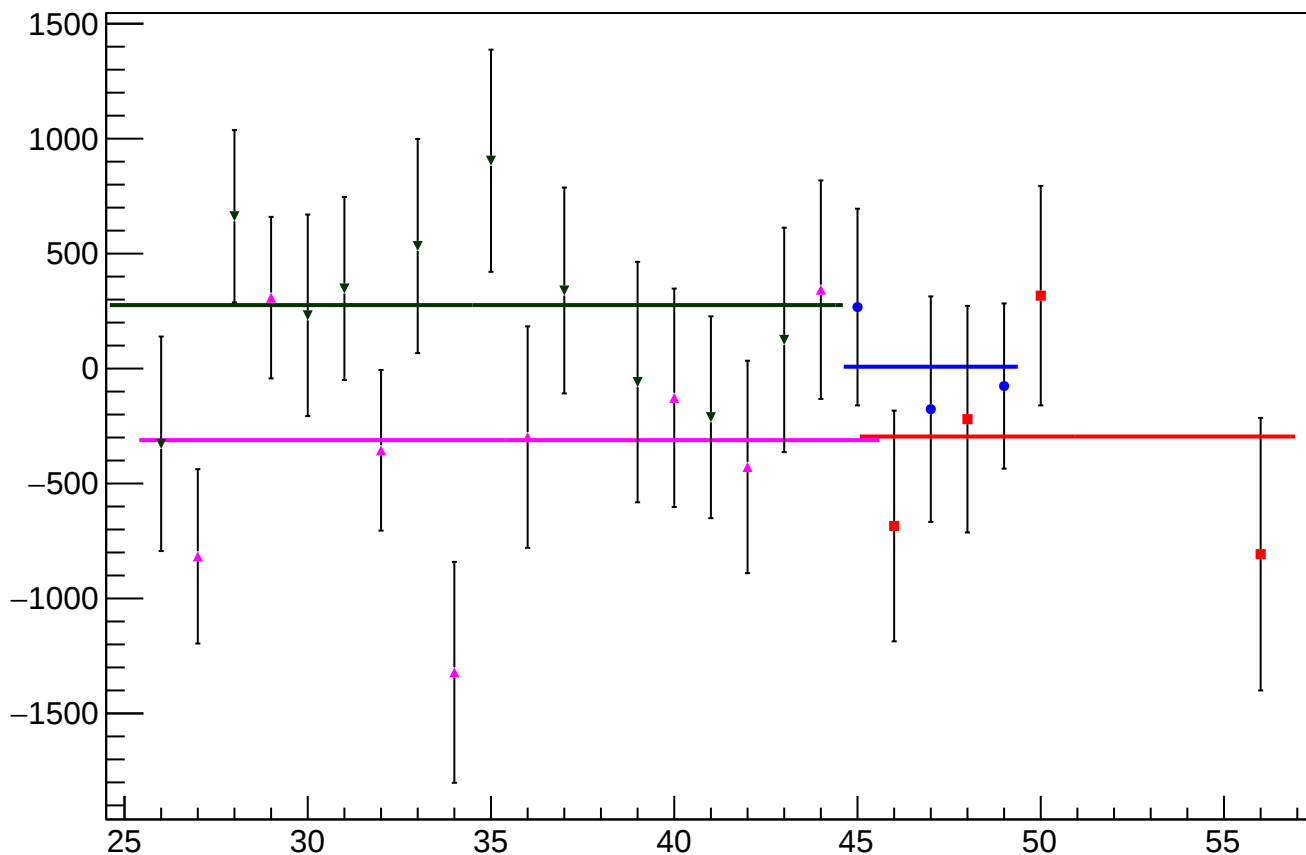
Right Out: 921.050+/-0.485 χ^2/NDF : 120686.0/3

Left In: 1003.146+/-0.321 χ^2/NDF :184277.9/7

959.863+/-0.260 χ^2/NDF : 561865.9/12

978.168+/-0.268 χ^2/NDF : 324861.7/11

reg_asym_atl1r2_dd_mean vs slug



Right In: 8.039 ± 239.914 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 276.090 ± 141.202 $\chi^2/\text{NDF}: 6.5/9$

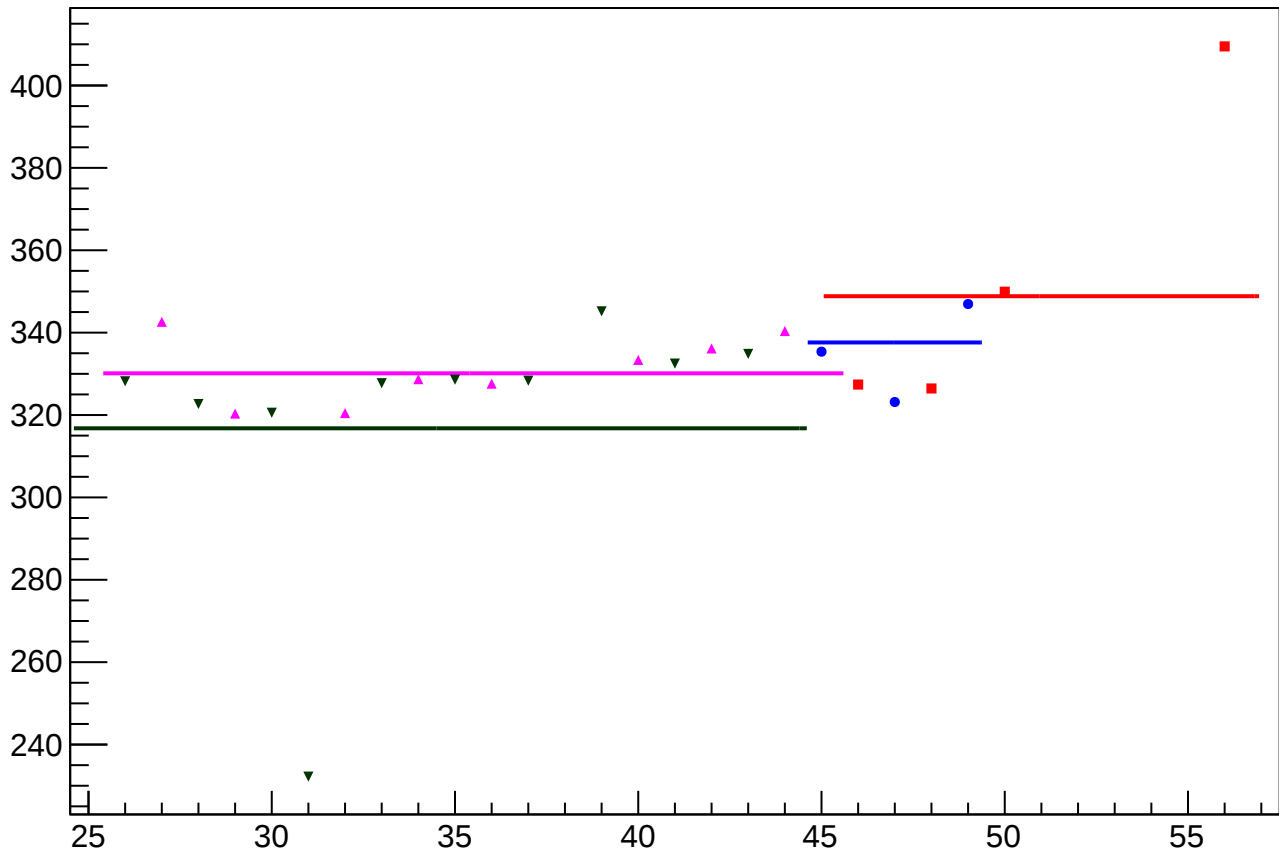
Right Out: -295.590 ± 255.411 $\chi^2/\text{NDF}: 3.0/3$

Left In: -311.389 ± 148.343 $\chi^2/\text{NDF}: 11.4/7$

207.127 ± 121.690 $\chi^2/\text{NDF}: 8.0/12$

-307.404 ± 128.276 $\chi^2/\text{NDF}: 14.5/11$

reg_asym_atl1r2_dd_rms vs slug



Right In: 337.617 ± 0.170 $\chi^2/\text{NDF}: 3141.0/2$

Left Out: 316.778 ± 0.100 $\chi^2/\text{NDF}: 106979.2/9$

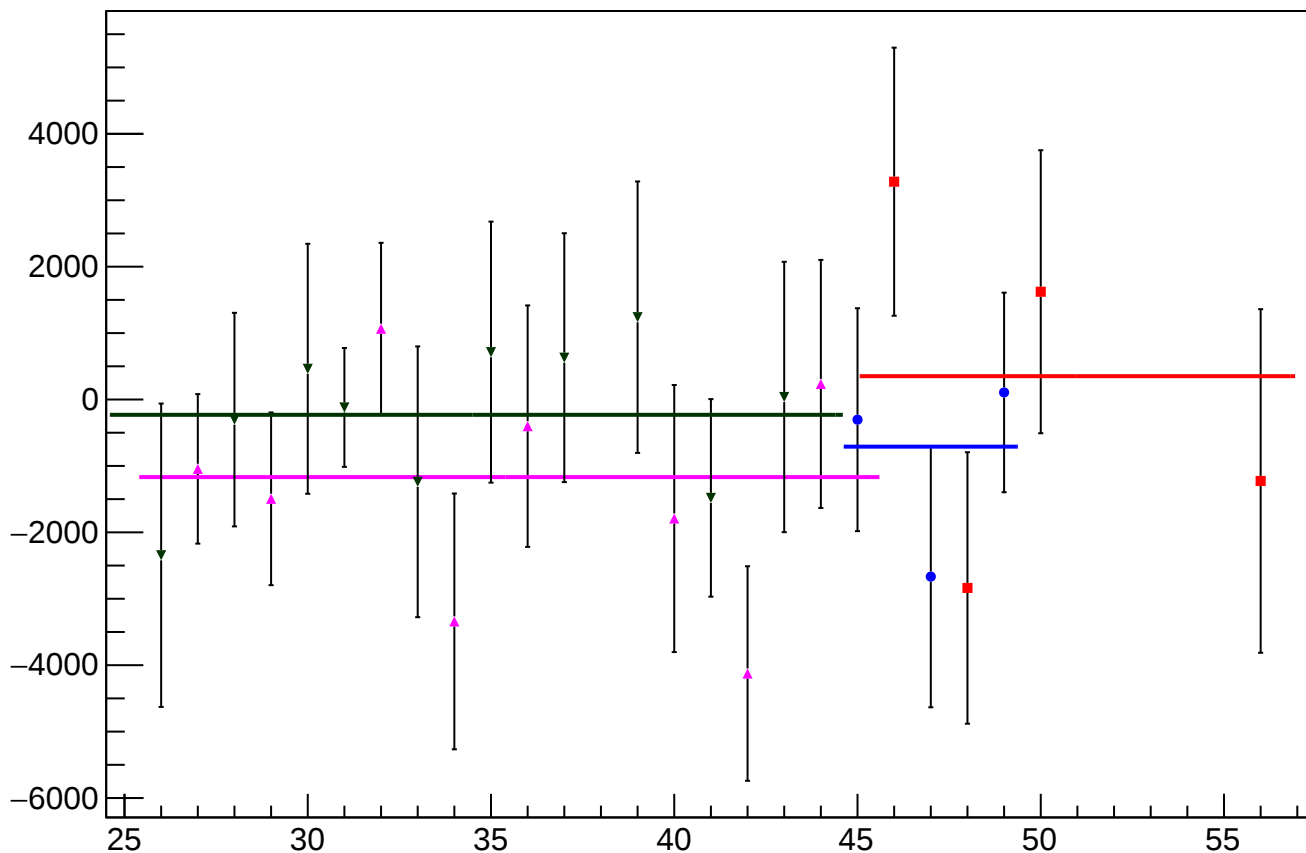
Right Out: 348.845 ± 0.181 $\chi^2/\text{NDF}: 28737.2/3$

Left In: 330.127 ± 0.105 $\chi^2/\text{NDF}: 6690.1/7$

322.140 ± 0.086 $\chi^2/\text{NDF}: 121326.9/12$

334.848 ± 0.091 $\chi^2/\text{NDF}: 43460.0/11$

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

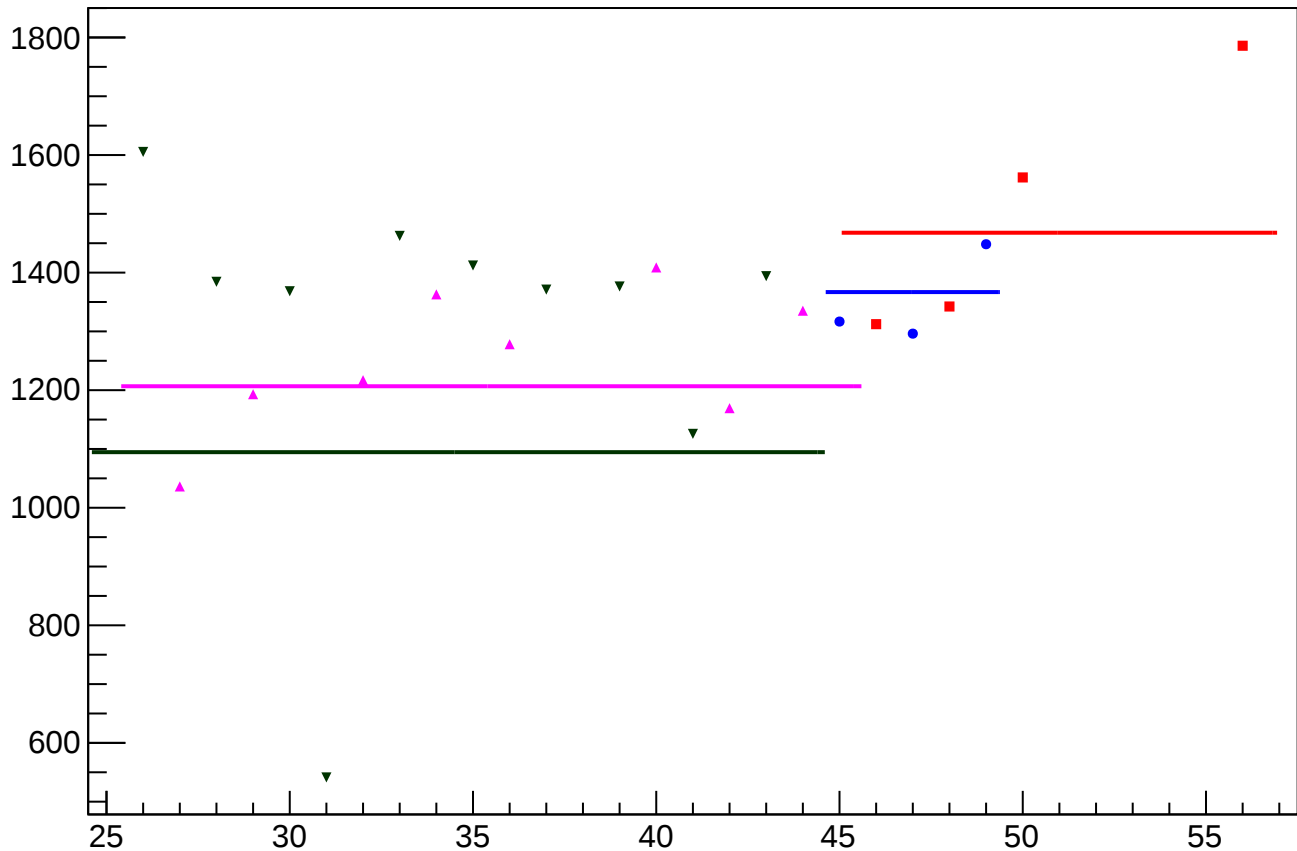
Right Out: 350.993 $\pm$ 1081.654 χ^2/NDF : 5.3/3

Left In: -1168.061 $\pm$ 536.955 χ^2/NDF : 8.5/7

-334.146 $\pm$ 452.528 χ^2/NDF : 4.5/12

-867.728 $\pm$ 480.954 χ^2/NDF : 15.4/11

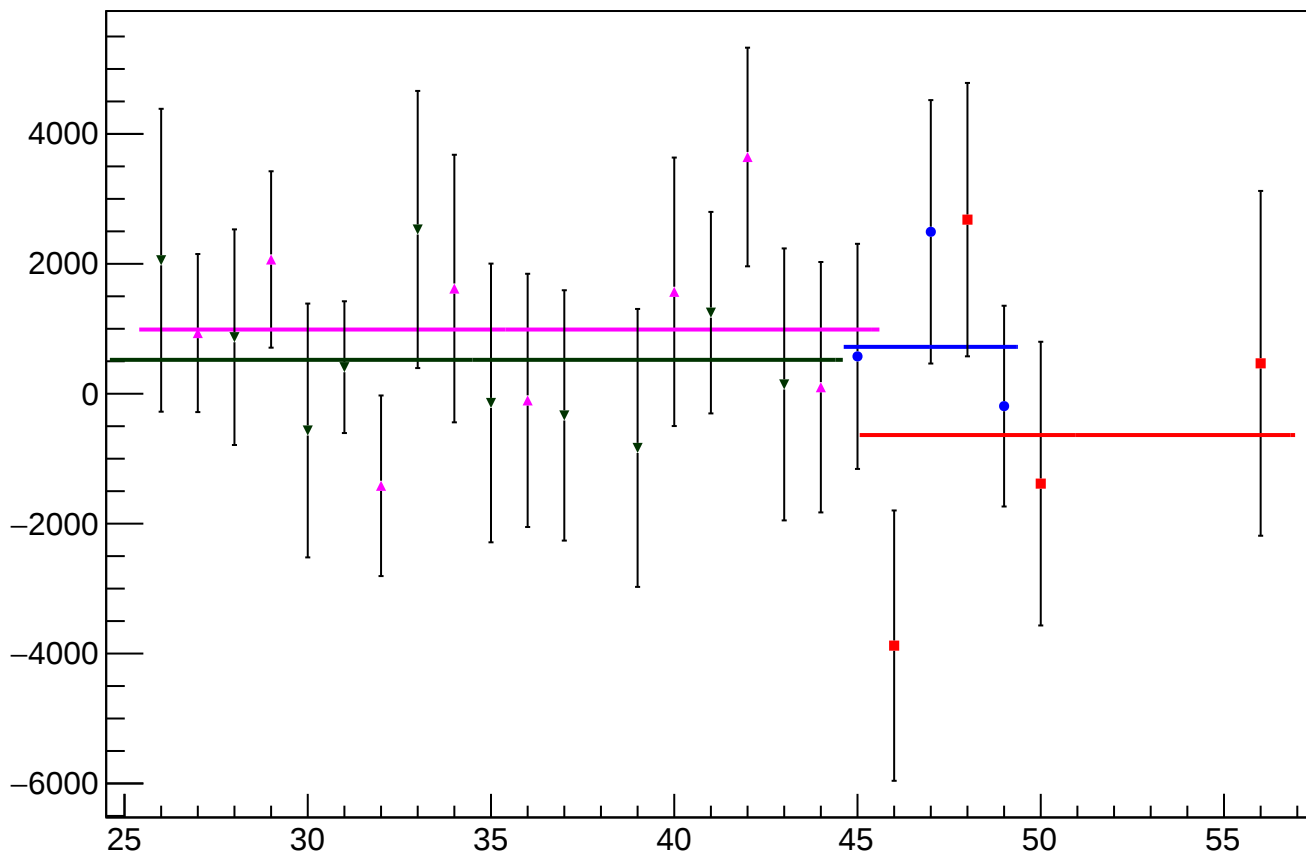
asym_atl1r2_dd_correction_rms vs slug



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: 1467.850+/-0.765 χ^2/NDF : 53557.3/3
 Left In: 1206.686+/-0.380 χ^2/NDF :93225.4/7

1153.477+/-0.320 χ^2/NDF : 1347916.9/12
 1258.321+/-0.340 χ^2/NDF : 240325.7/11

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

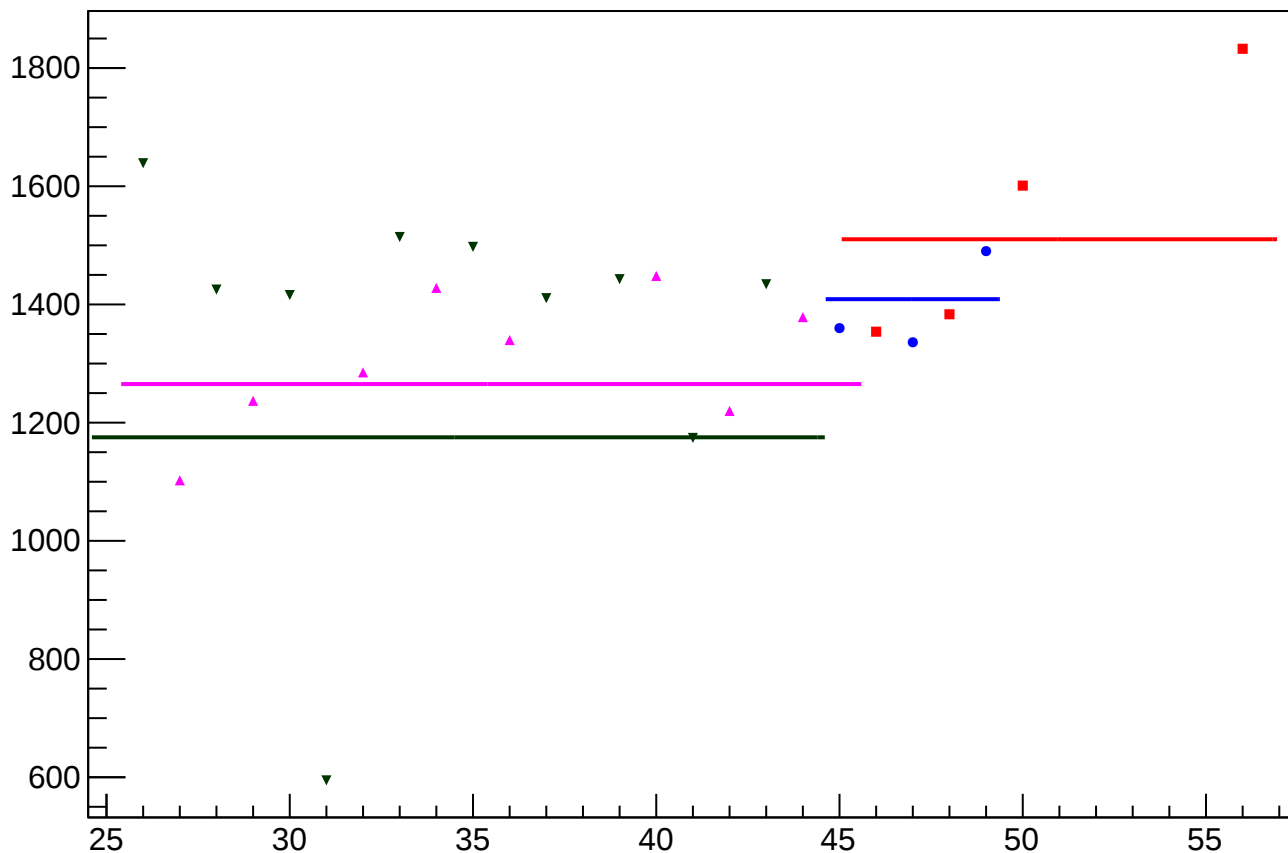
Right Out: -635.891 ± 1112.300 χ^2/NDF : 5.2/3

Left In: 988.467 ± 568.860 χ^2/NDF : 6.8/7

567.631 ± 479.806 χ^2/NDF : 3.8/12

651.691 ± 506.468 χ^2/NDF : 13.7/11

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

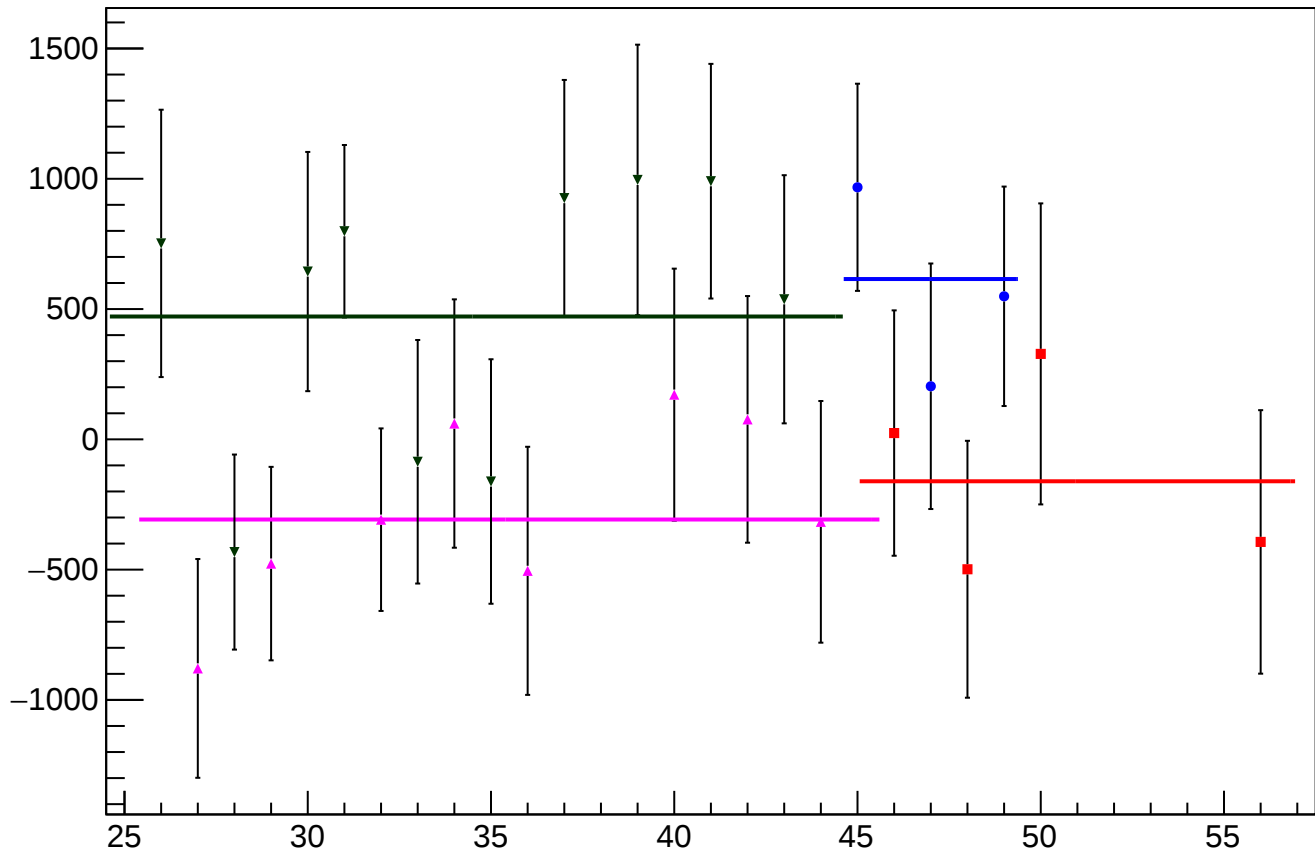
Right Out: 1510.316+/-0.787 χ^2/NDF : 51513.8/3

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1228.730+/-0.339 χ^2/NDF : 1090594.7/12

1316.105+/-0.358 χ^2/NDF : 204996.9/11

reg_asym_atr1l2_avg_mean vs slug



Right In: 615.236 $\pm$ 246.384 χ^2/NDF : 1.6/2

Left Out: 471.416 $\pm$ 138.869 χ^2/NDF : 13.9/9

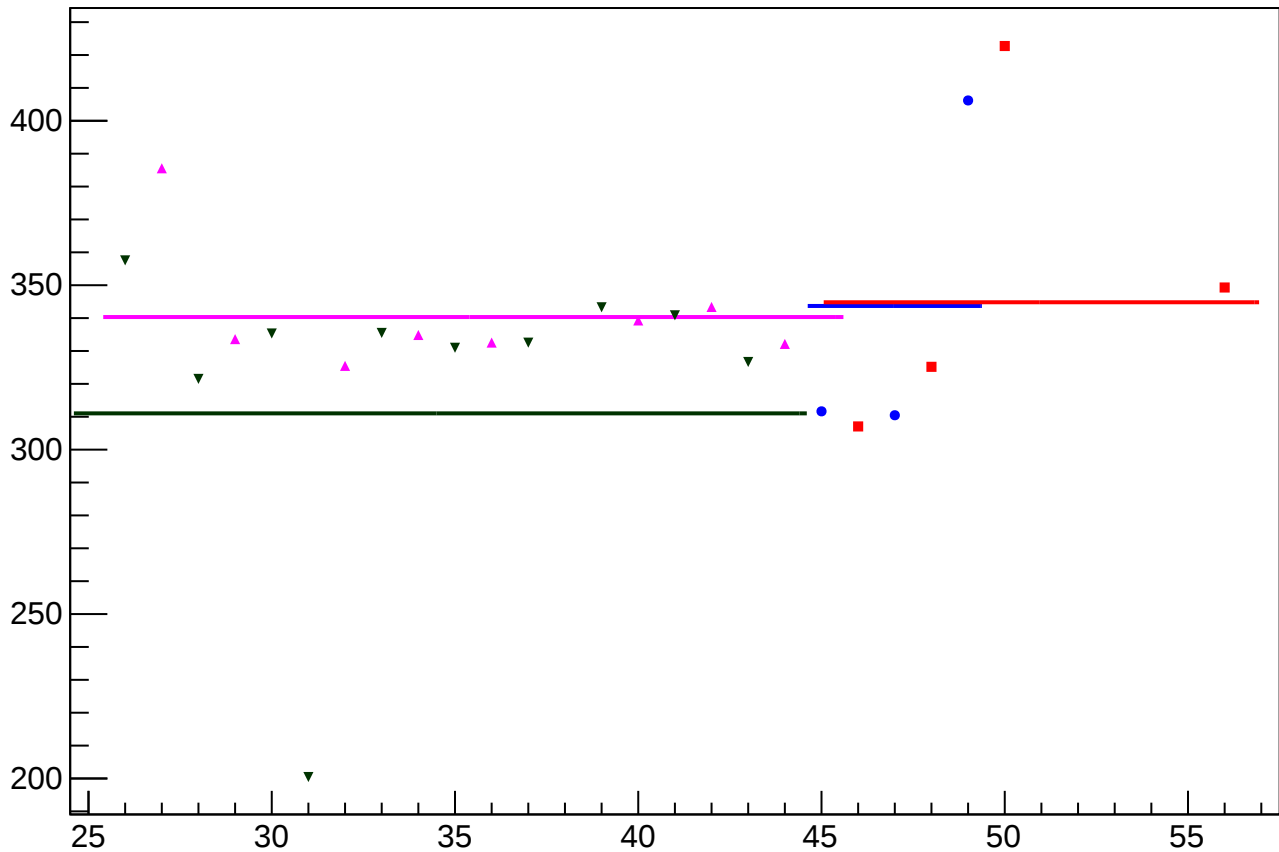
Right Out: -160.908 $\pm$ 253.720 χ^2/NDF : 1.6/3

Left In: -307.654 $\pm$ 151.998 χ^2/NDF : 4.5/7

506.089 $\pm$ 120.977 χ^2/NDF : 15.7/12

-268.897 $\pm$ 130.390 χ^2/NDF : 6.3/11

reg_asym_atr1l2_avg_rms vs slug



Right In: 343.691 $\pm$ 0.174 χ^2 /NDF: 66997.1/2

Left Out: 311.029 $\pm$ 0.098 χ^2 /NDF: 279202.9/9

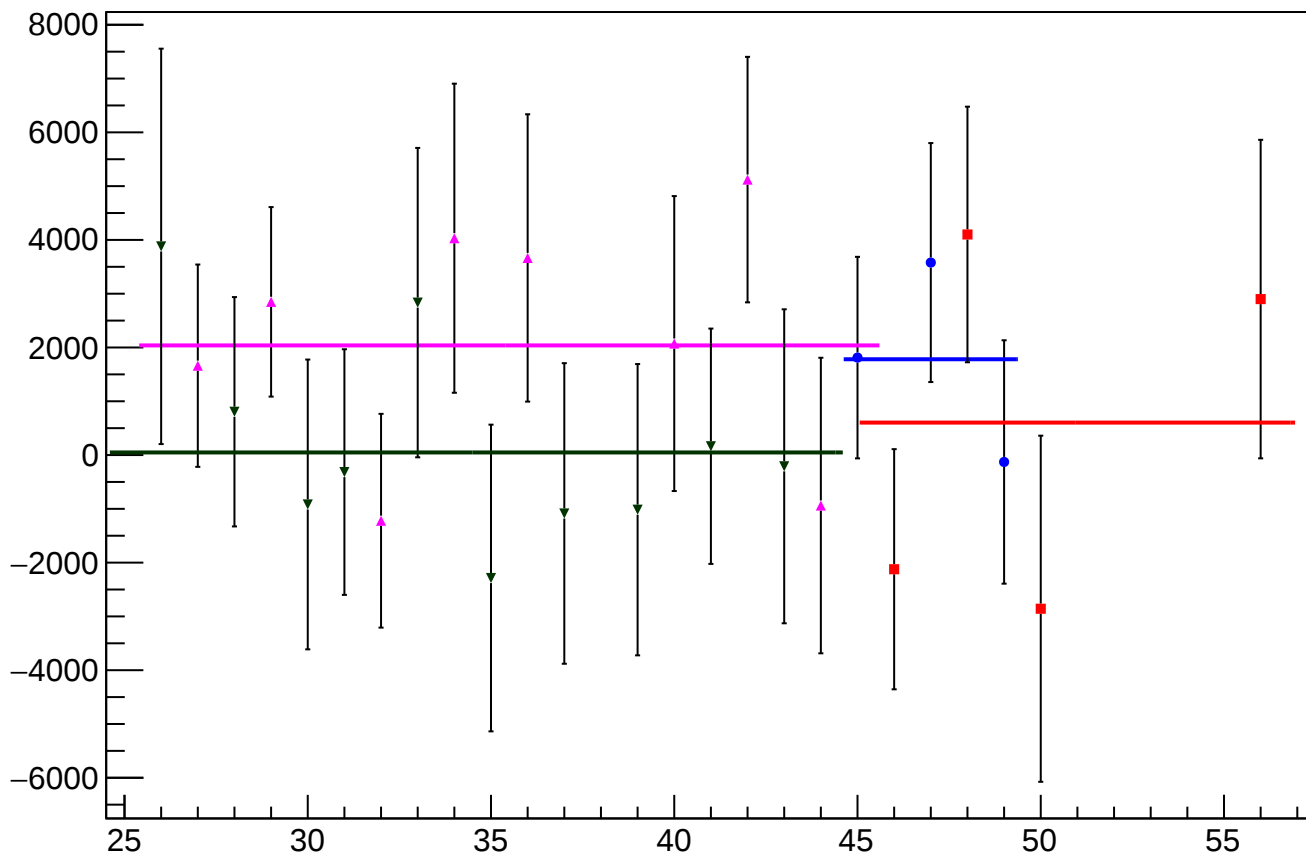
Right Out: 344.816 $\pm$ 0.179 χ^2 /NDF: 52590.2/3

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.3/7

318.904 $\pm$ 0.086 χ^2 /NDF: 372872.6/12

341.510 $\pm$ 0.092 χ^2 /NDF: 82029.9/11

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

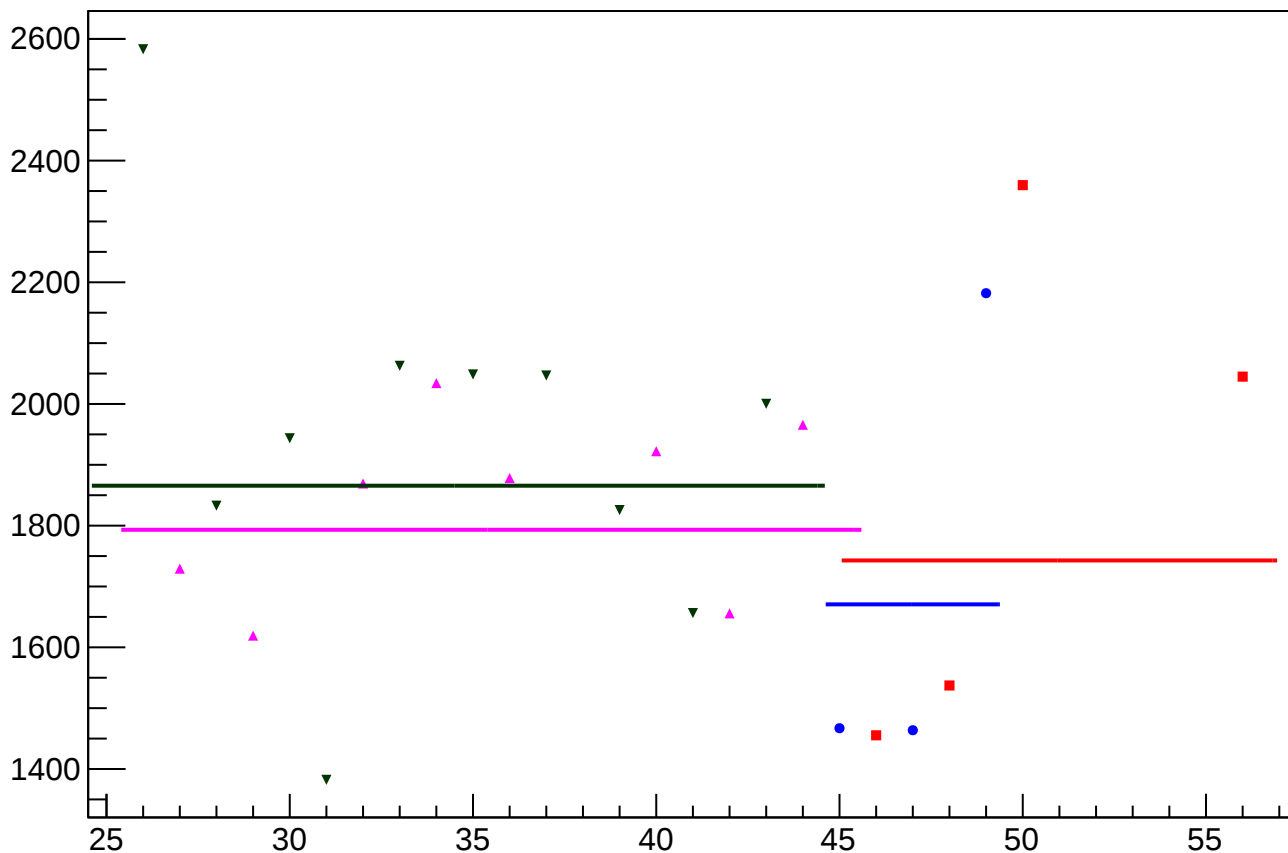
Right Out: 603.607+/-1303.722 χ^2/NDF : 5.4/3

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

600.956+/-683.419 χ^2/NDF : 6.1/12

1648.719+/-679.619 χ^2/NDF : 13.1/11

asym_atr1l2_avg_correction_rms vs slug



Right In: 1670.606 $\pm$ 0.856 χ^2 /NDF: 143144.3/2

Left Out: 1865.656 $\pm$ 0.586 χ^2 /NDF: 217022.9/9

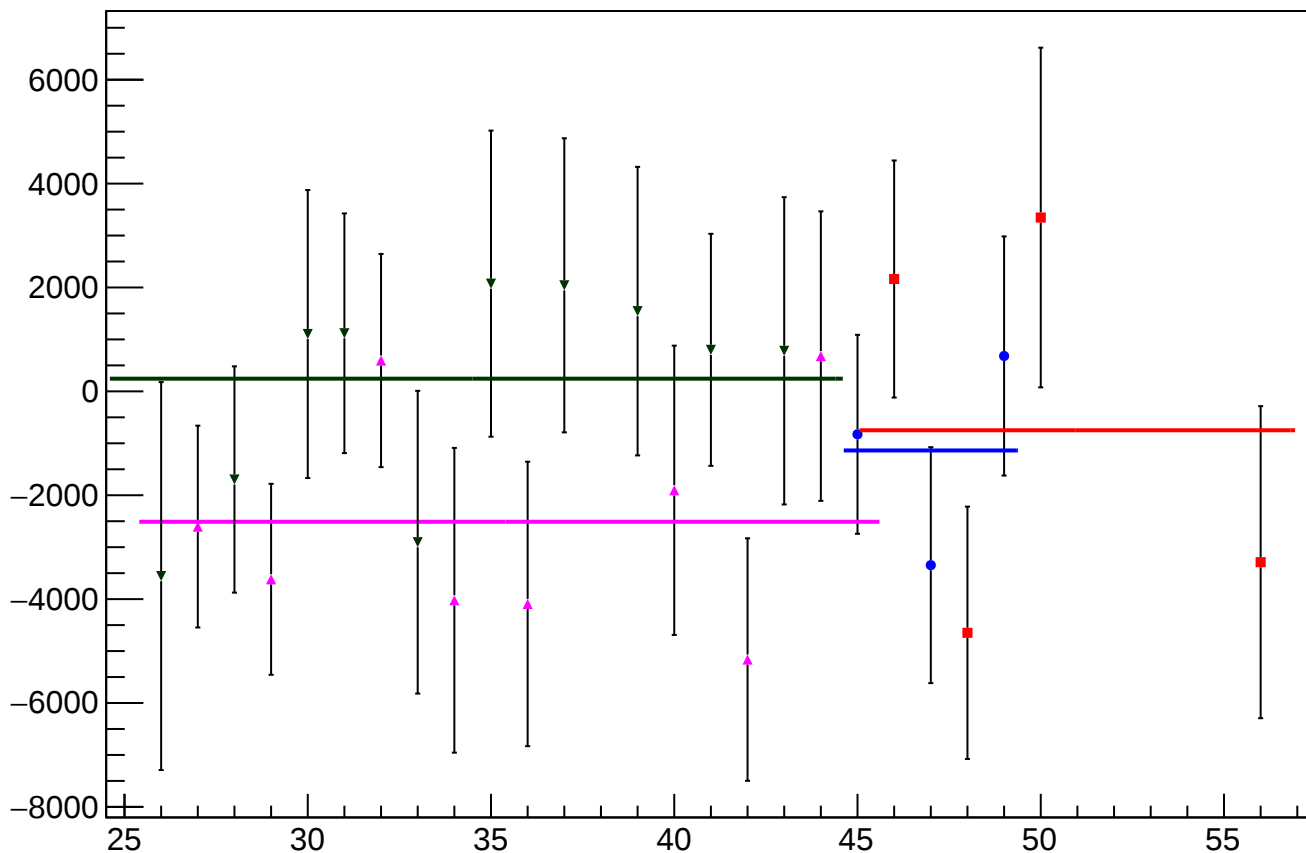
Right Out: 1742.777 $\pm$ 0.922 χ^2 /NDF: 142435.9/3

Left In: 1793.191 $\pm$ 0.563 χ^2 /NDF: 60429.1/7

1803.451 $\pm$ 0.483 χ^2 /NDF: 395552.6/12

1779.491 $\pm$ 0.481 χ^2 /NDF: 205043.0/11

asym_atr1l2_avg_mean vs slug



Right In: -1137.831±1235.536 χ^2/NDF : 1.6/2

Left Out: 244.304±844.452 χ^2/NDF : 4.3/9

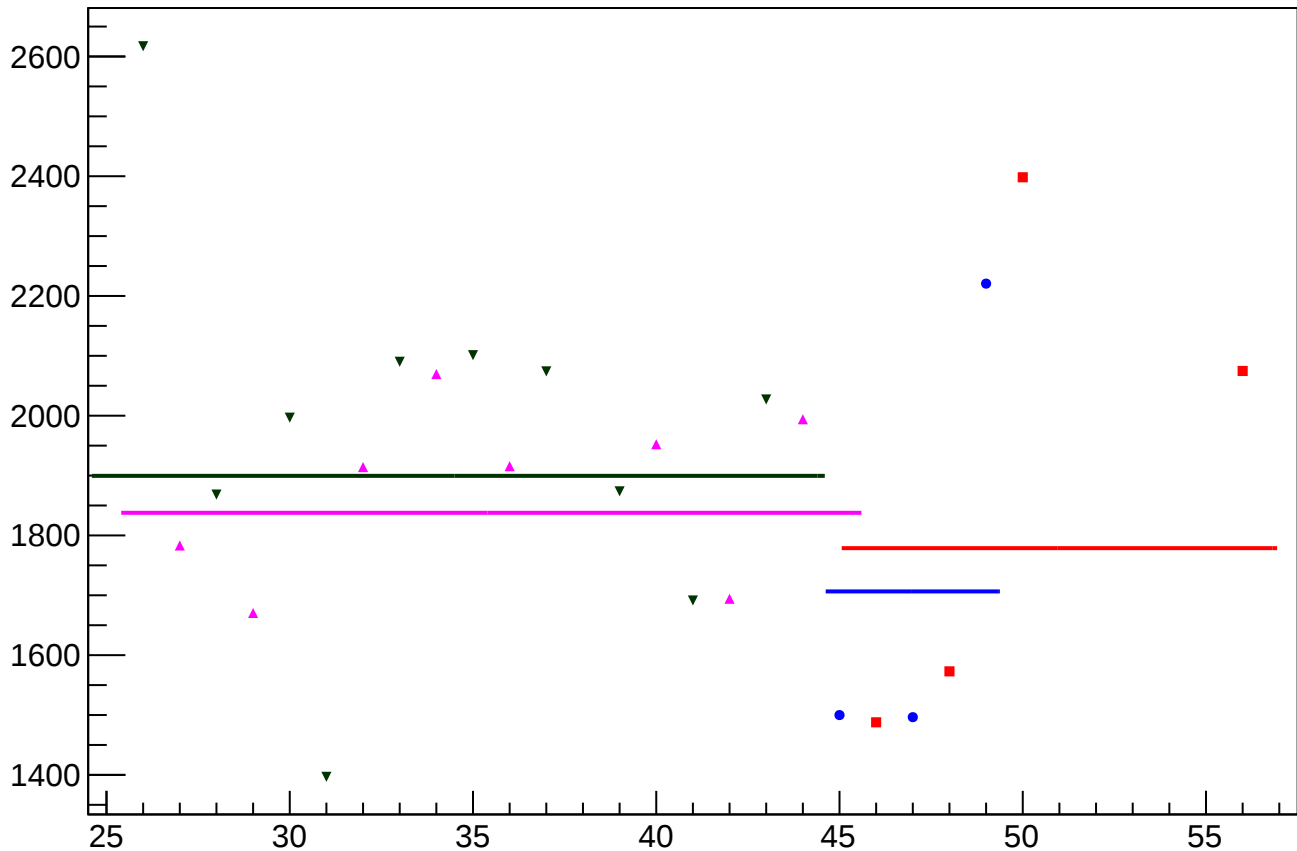
Right Out: -748.950±1329.513 χ^2/NDF : 6.5/3

Left In: -2510.541±819.482 χ^2/NDF : 5.9/7

-195.765±697.173 χ^2/NDF : 6.8/12

-2025.538±697.609 χ^2/NDF : 13.7/11

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

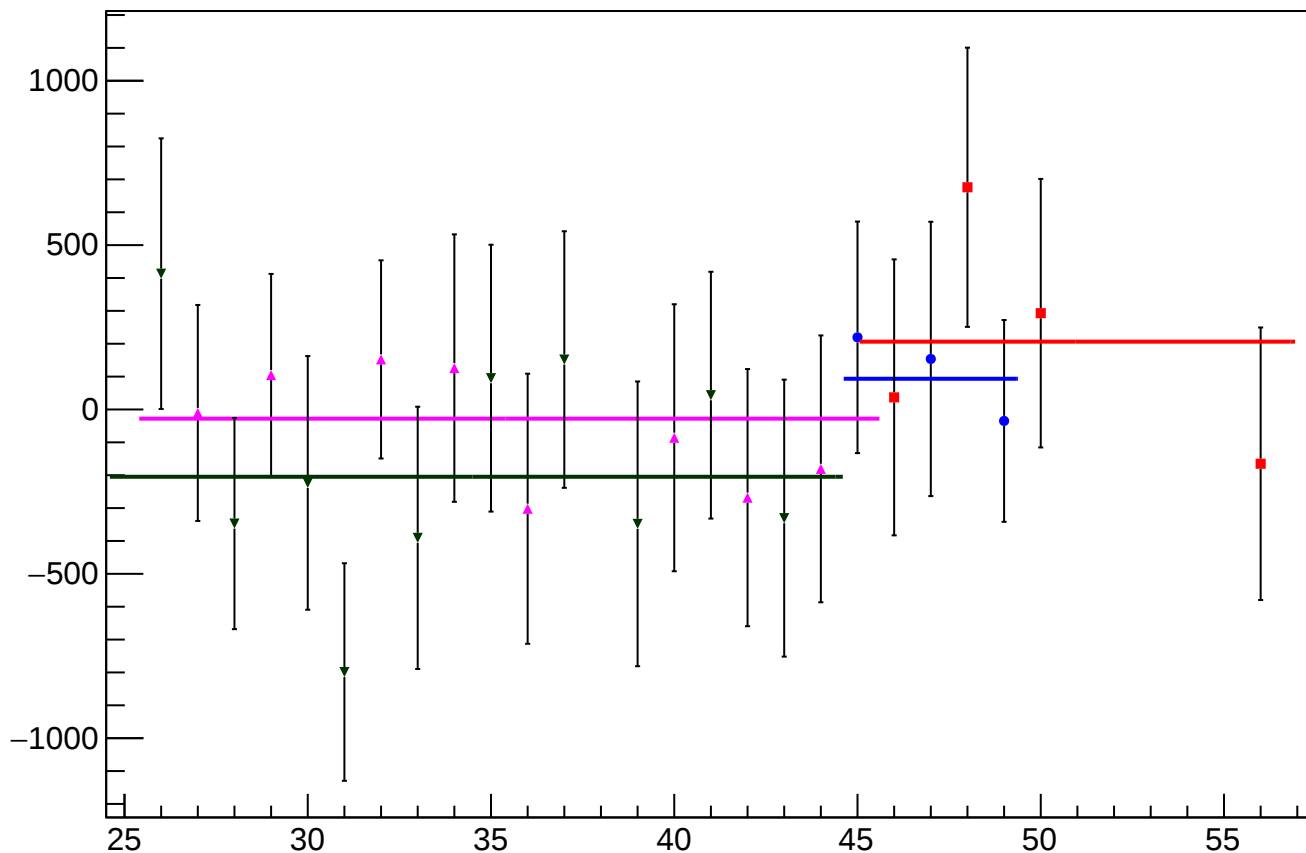
1838.040+/-0.493 χ^2/NDF : 391831.3/12

Right Out: 1778.740+/-0.940 χ^2/NDF : 138042.4/3

1821.545+/-0.493 χ^2/NDF : 193171.5/11

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

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

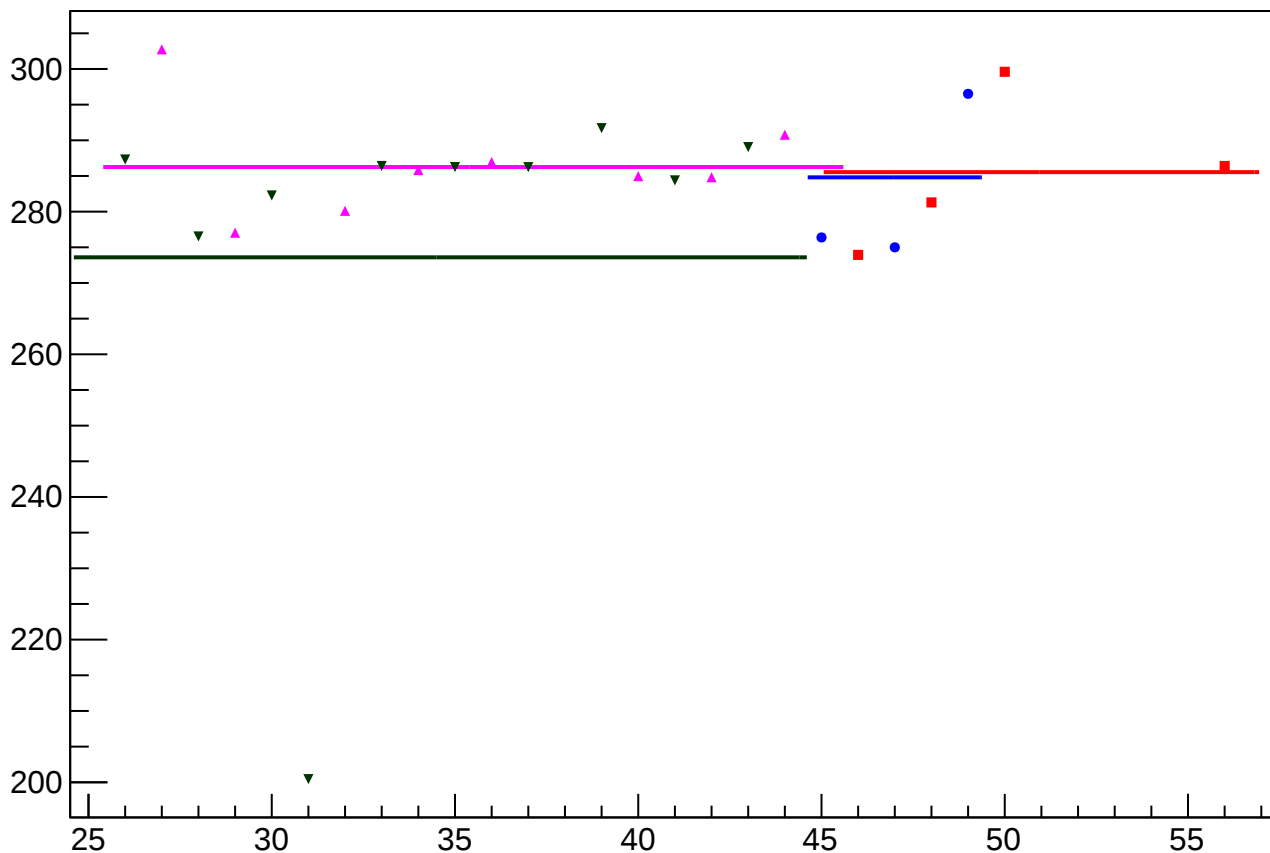
Right Out: 206.341 $\pm$ 208.370 χ^2 /NDF: 2.2/3

Left In: -27.916 $\pm$ 127.552 χ^2 /NDF: 1.7/7

-126.280 $\pm$ 103.789 χ^2 /NDF: 9.8/12

35.937 $\pm$ 108.788 χ^2 /NDF: 4.8/11

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

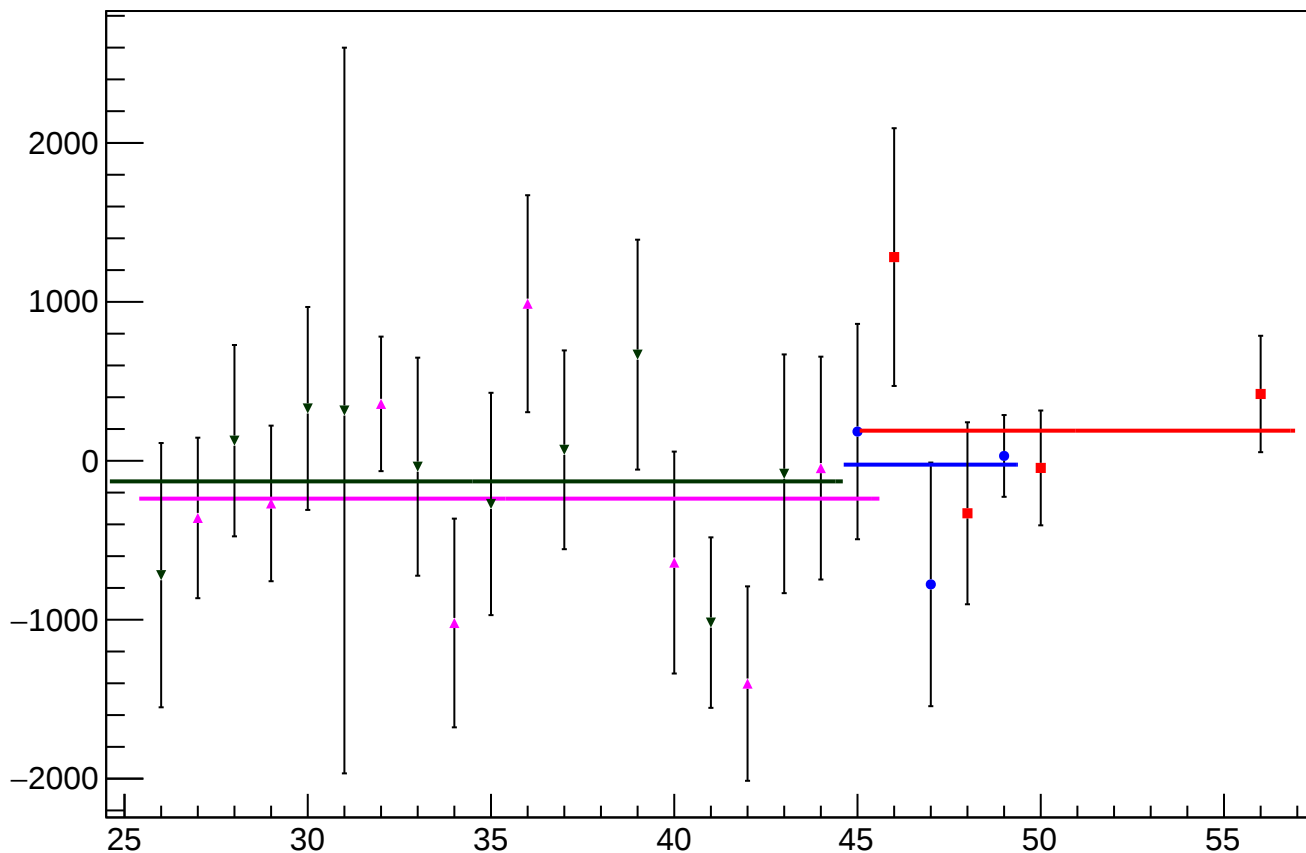
Right Out: 285.538 ± 0.147 χ^2/NDF : 4109.0/3

Left In: 286.255 ± 0.090 χ^2/NDF : 7968.8/7

276.544 ± 0.073 χ^2/NDF : 124751.9/12

286.059 ± 0.077 χ^2/NDF : 12095.0/11

asym_atr1l2_dd_correction_mean vs slug



Right In: -24.168 ± 229.488 $\chi^2/\text{NDF}: 1.1/2$

Left Out: -129.532 ± 219.616 $\chi^2/\text{NDF}: 5.4/9$

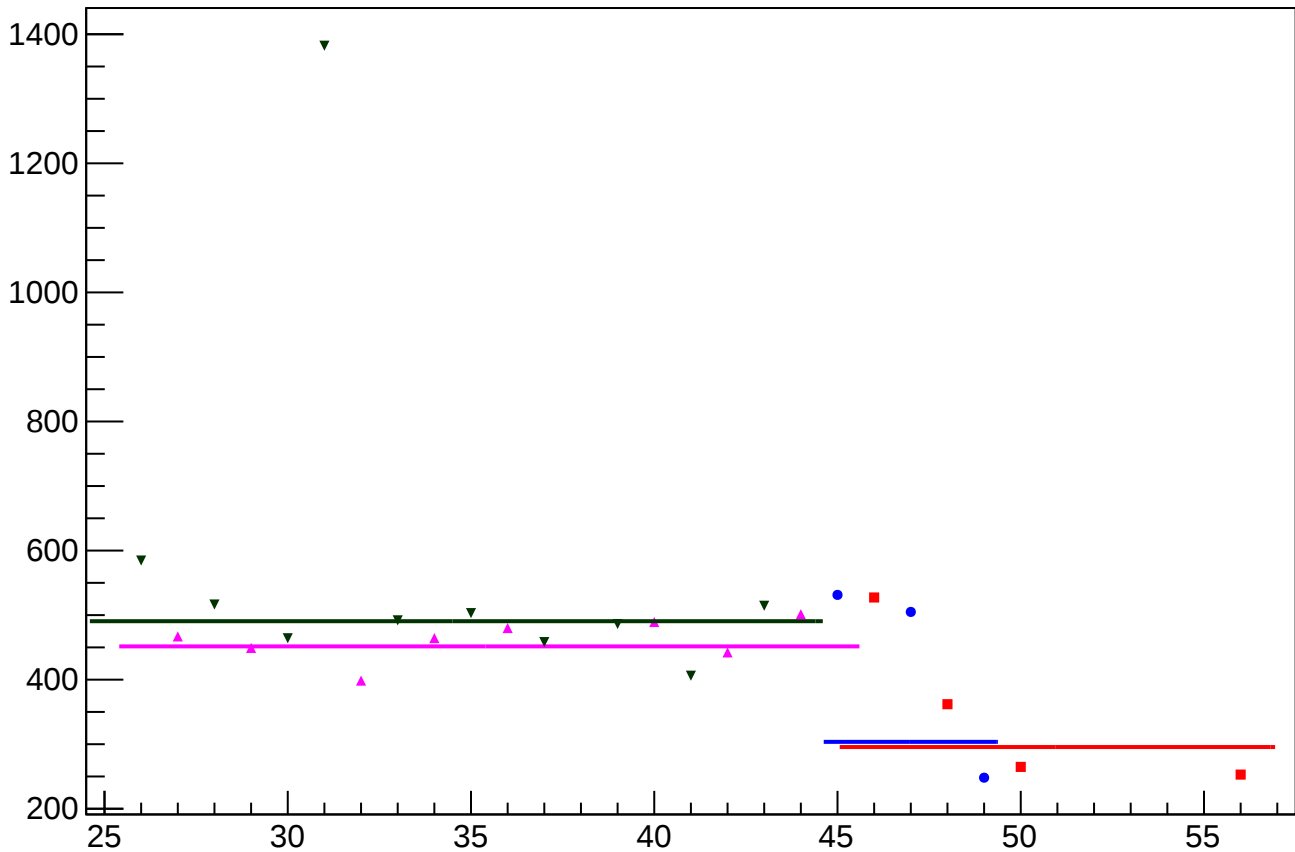
Right Out: 189.599 ± 225.356 $\chi^2/\text{NDF}: 3.5/3$

Left In: -238.069 ± 200.408 $\chi^2/\text{NDF}: 10.7/7$

-79.165 ± 158.667 $\chi^2/\text{NDF}: 6.6/12$

-49.209 ± 149.757 $\chi^2/\text{NDF}: 16.2/11$

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

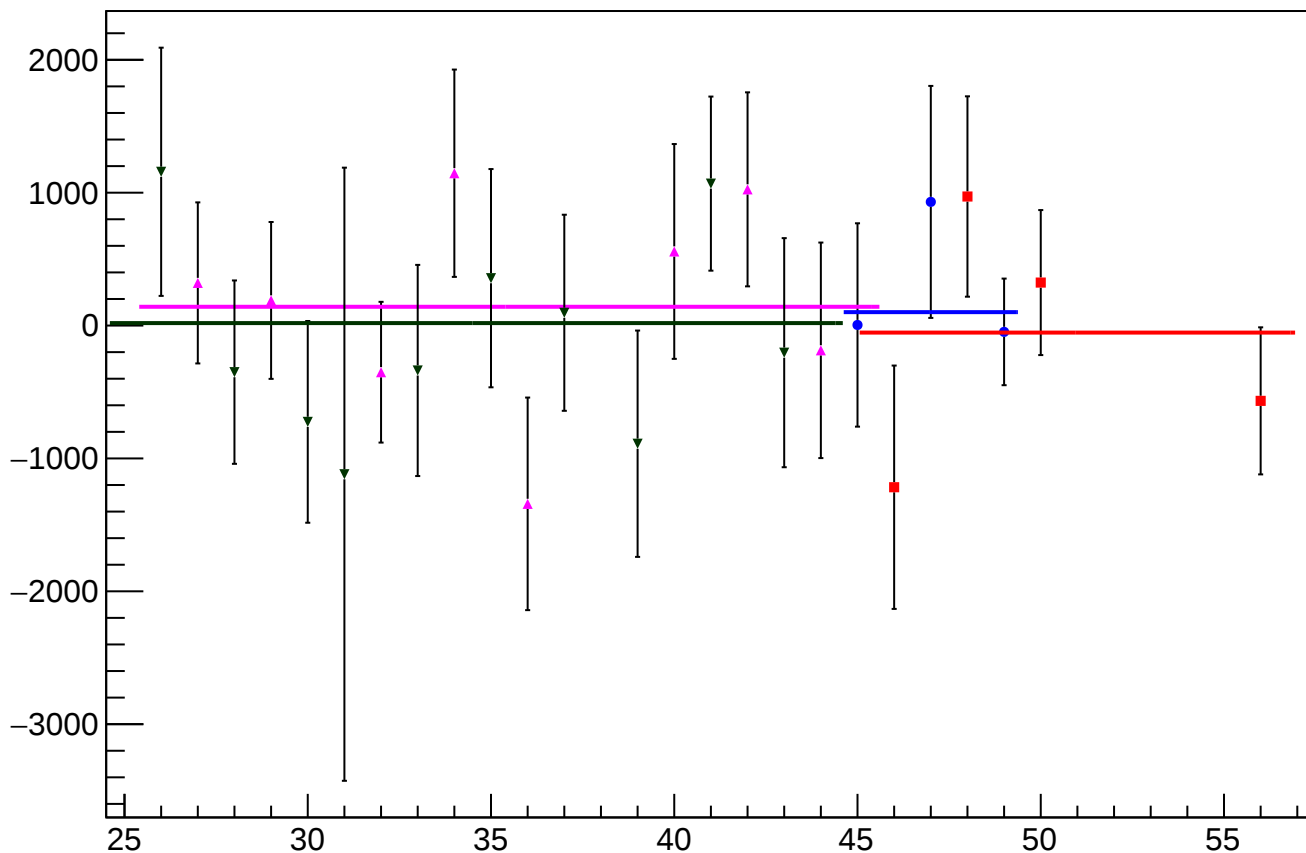
Right Out: 295.633 $\pm$ 0.159 χ^2 /NDF: 231854.3/3

Left In: 451.550 $\pm$ 0.142 χ^2 /NDF:53983.7/7

401.215 $\pm$ 0.112 χ^2 /NDF: 1544916.1/12

382.696 $\pm$ 0.106 χ^2 /NDF: 820423.7/11

asym_atr1l2_dd_mean vs slug



Right In: 101.034+/-329.088 χ^2/NDF : 1.1/2

Left Out: 18.643+/-257.116 χ^2/NDF : 7.1/9

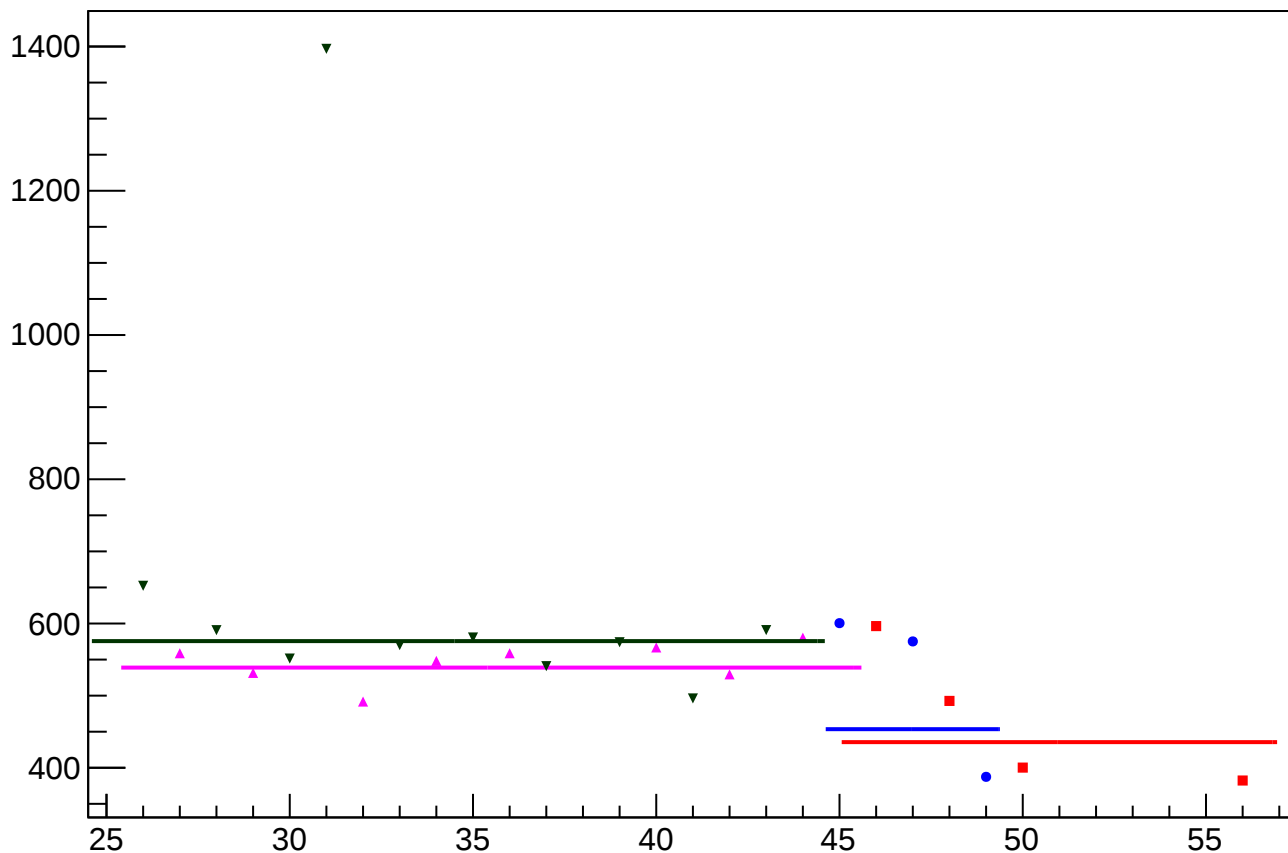
Right Out: -52.850+/-323.166 χ^2/NDF : 4.8/3

Left In: 141.414+/-240.490 χ^2/NDF : 8.0/7

49.873+/-202.609 χ^2/NDF : 8.2/12

72.176+/-192.931 χ^2/NDF : 13.0/11

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

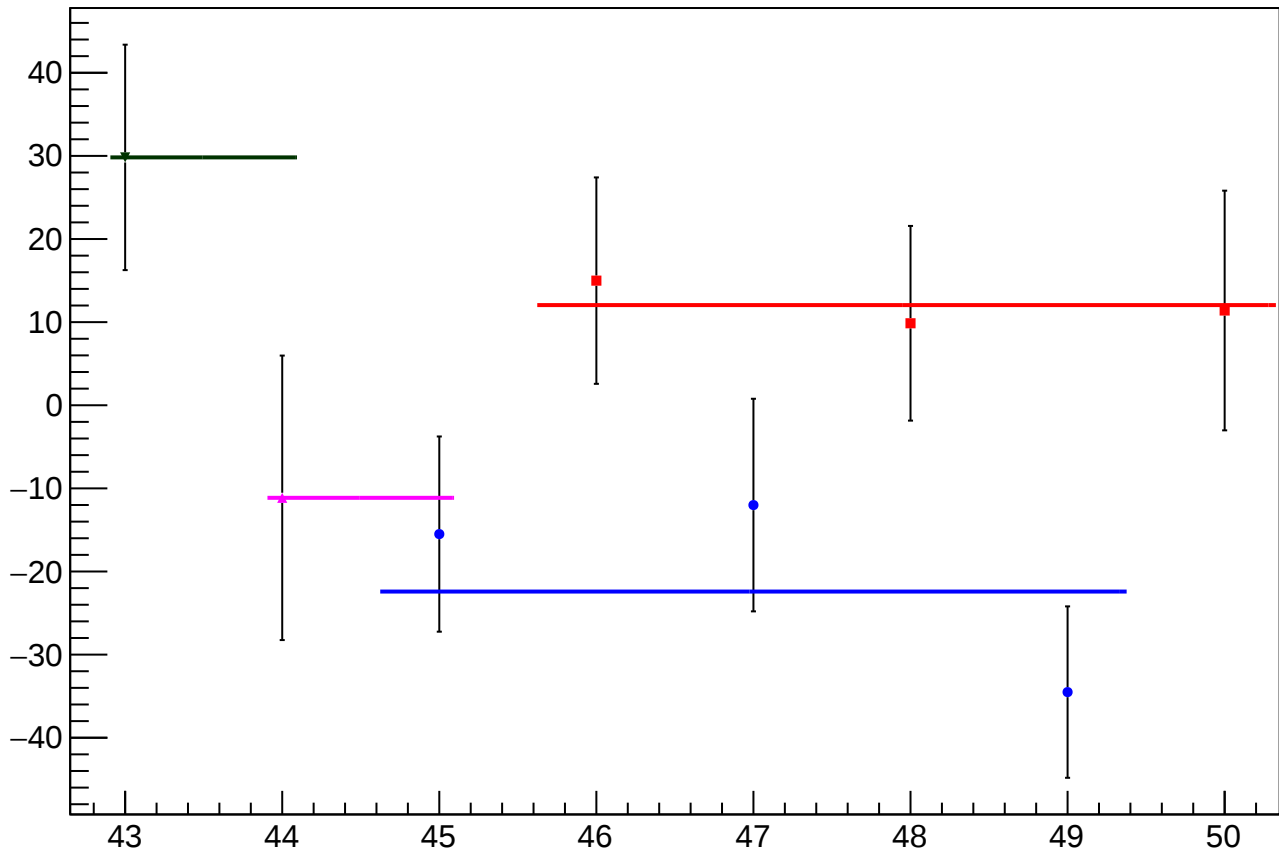
Right Out: 435.542 ± 0.229 χ^2/NDF : 100095.2/3

Left In: 538.892 ± 0.170 χ^2/NDF : 27749.5/7

529.331 ± 0.143 χ^2/NDF : 642418.1/12

502.057 ± 0.136 χ^2/NDF : 259490.4/11

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

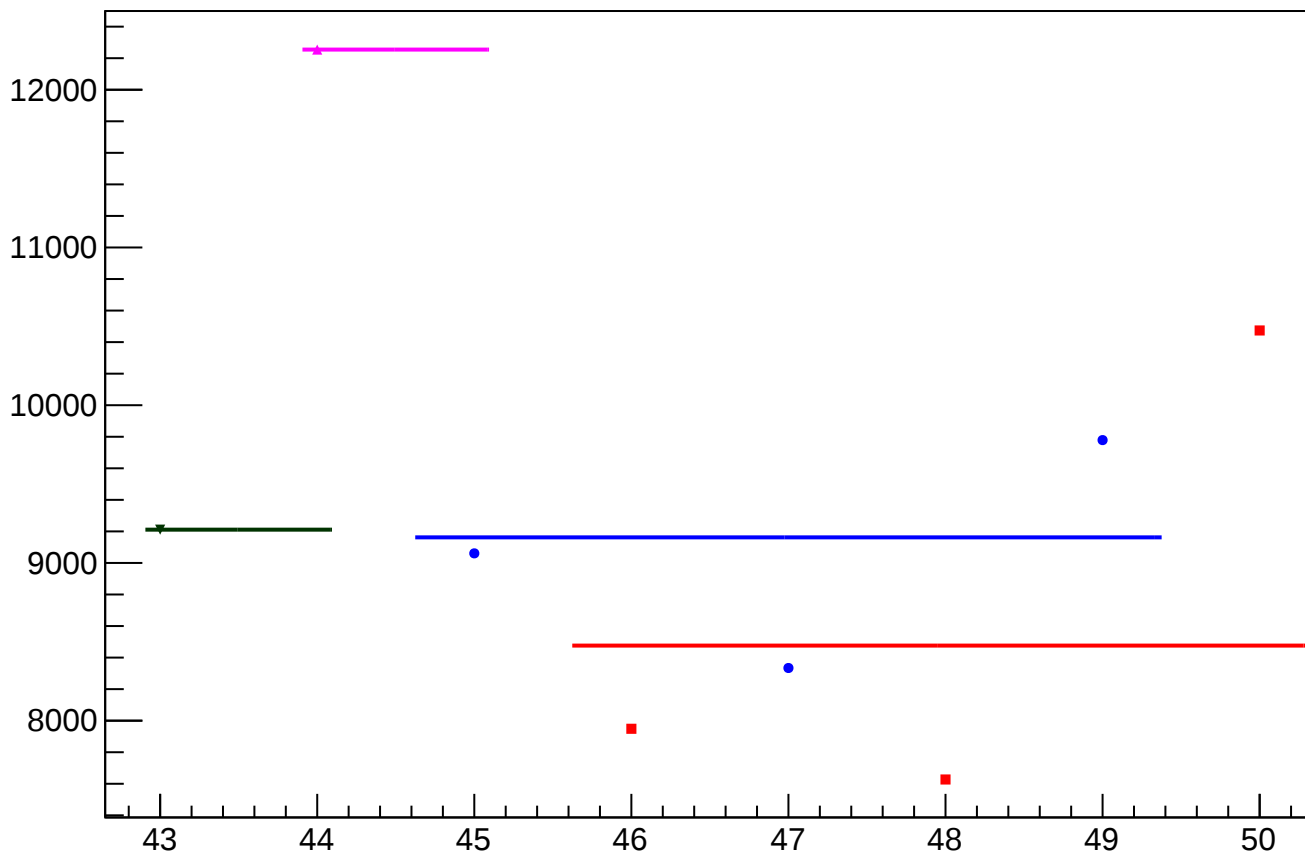
Right Out: 12.051 $\pm$ 7.335 χ^2 /NDF: 0.1/2

Left In: -11.136 $\pm$ 17.113 χ^2 /NDF: 0.0/0

-12.344 $\pm$ 5.954 χ^2 /NDF: 14.4/3

8.453 $\pm$ 6.742 χ^2 /NDF: 1.6/3

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

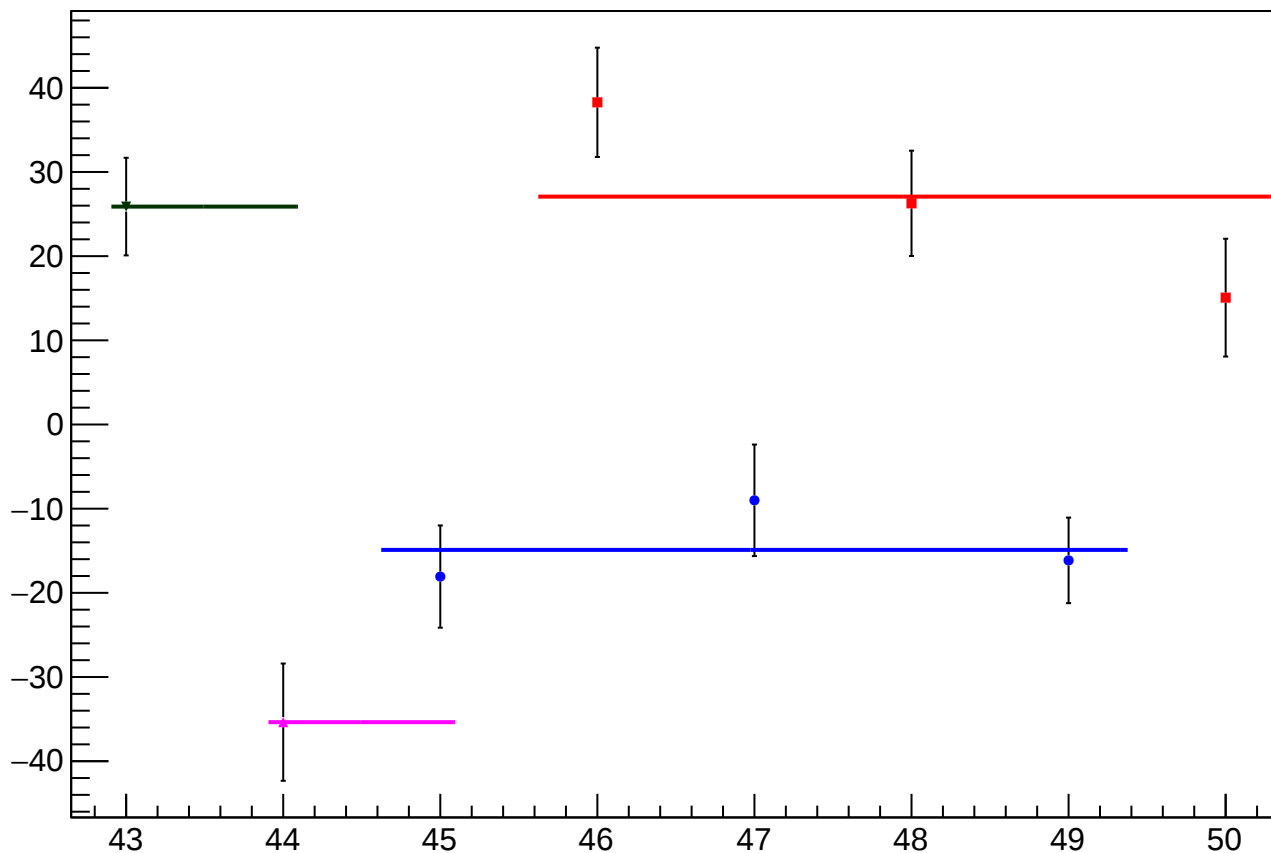
Right Out: 8476.059+/-5.187 χ^2/NDF : 52515.0/2

Left In: 12254.628+/-12.101 χ^2/NDF : 0.0/0

9171.625+/-4.210 χ^2/NDF : 15709.7/3

9062.481+/-4.767 χ^2/NDF : 134888.5/3

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

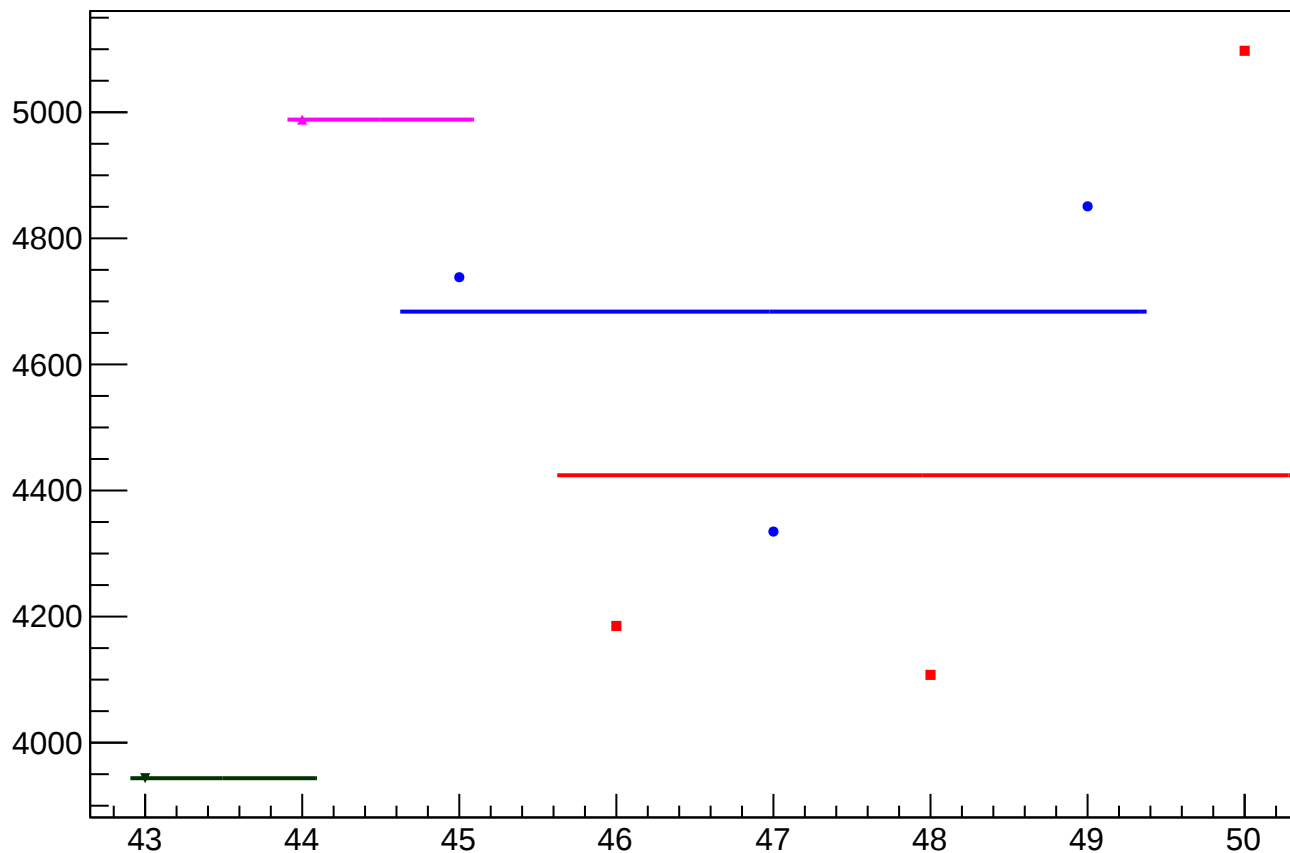
Right Out: 27.073 $\pm$ 3.788 χ^2 /NDF: 5.9/2

Left In: -35.362 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-4.646 $\pm$ 2.906 χ^2 /NDF: 38.2/3

12.827 $\pm$ 3.328 χ^2 /NDF: 67.9/3

diff_bpm0l01Y_rms vs slug



Right In: 4683.773 $\pm$ 2.375 χ^2 /NDF: 7869.9/2

Left Out: 3943.608 $\pm$ 4.099 χ^2 /NDF: 0.0/0

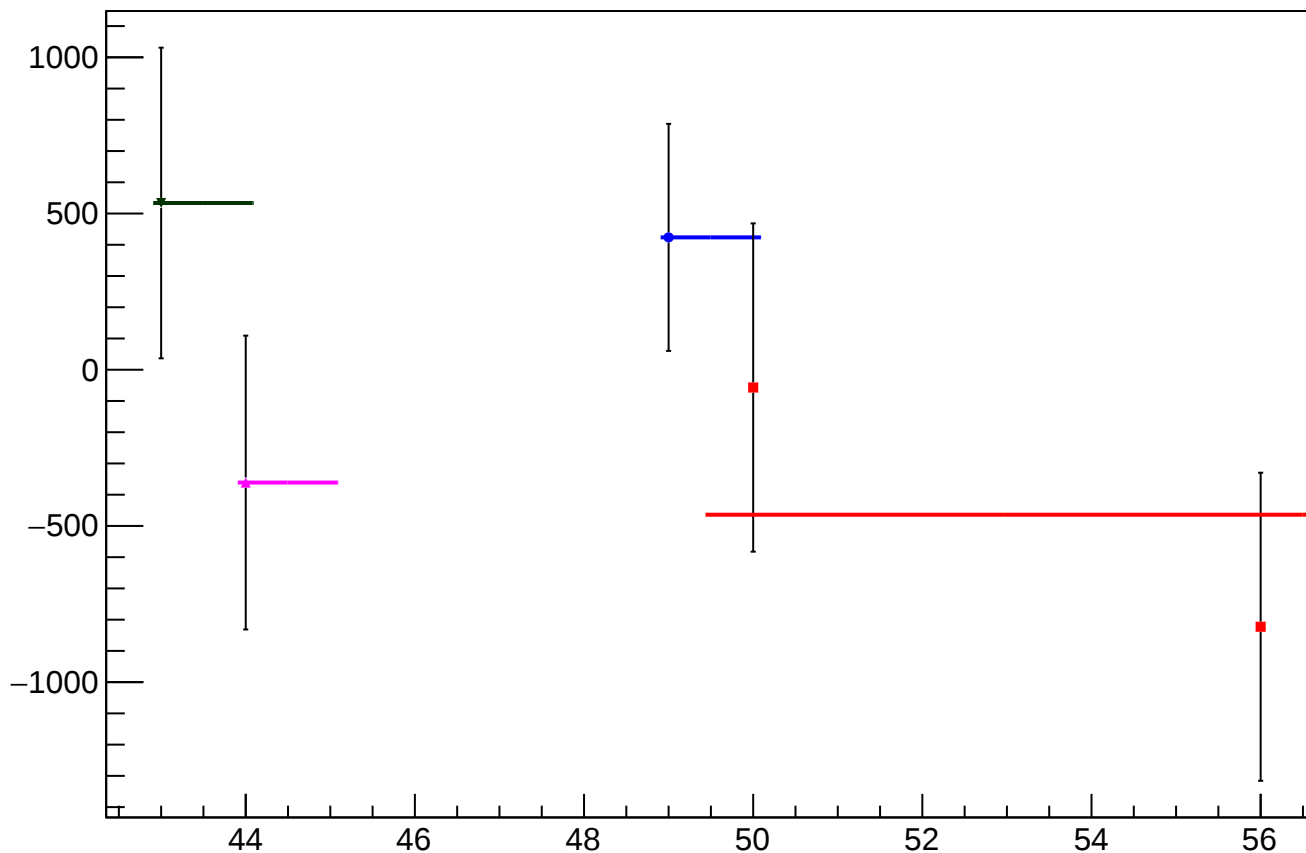
Right Out: 4424.160 $\pm$ 2.678 χ^2 /NDF: 26359.5/2

Left In: 4988.357 $\pm$ 4.926 χ^2 /NDF: 0.0/0

4497.722 $\pm$ 2.055 χ^2 /NDF: 32278.5/3

4552.891 $\pm$ 2.353 χ^2 /NDF: 36484.0/3

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

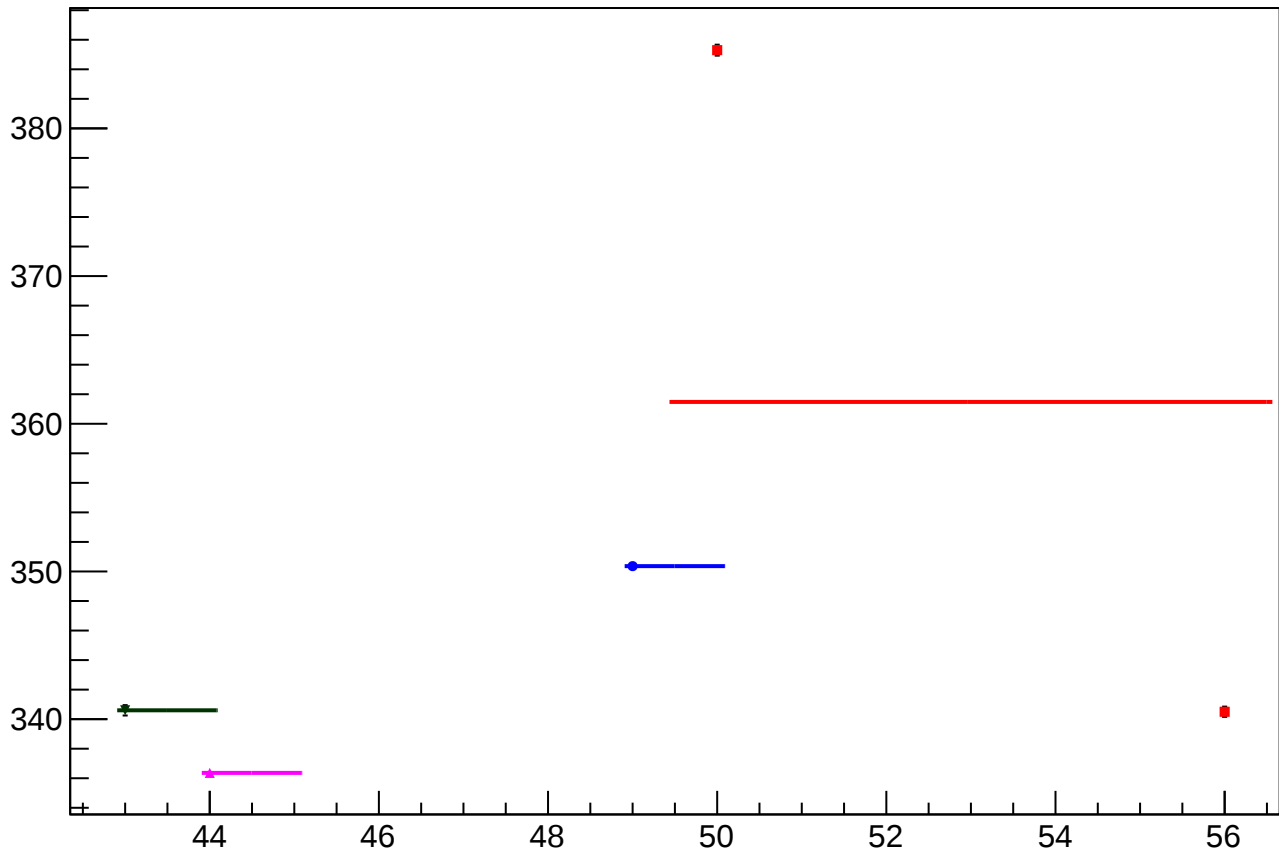
Right Out: -464.093+/-359.539 χ^2/NDF : 1.1/1

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

461.976+/-293.380 χ^2/NDF : 0.0/1

-426.107+/-285.623 χ^2/NDF : 1.2/2

asym_ds_agg_av_rms vs slug



Right In: 350.361+/-0.257 χ^2/NDF : 0.0/0

Left Out: 340.600+/-0.352 χ^2/NDF : 0.0/0

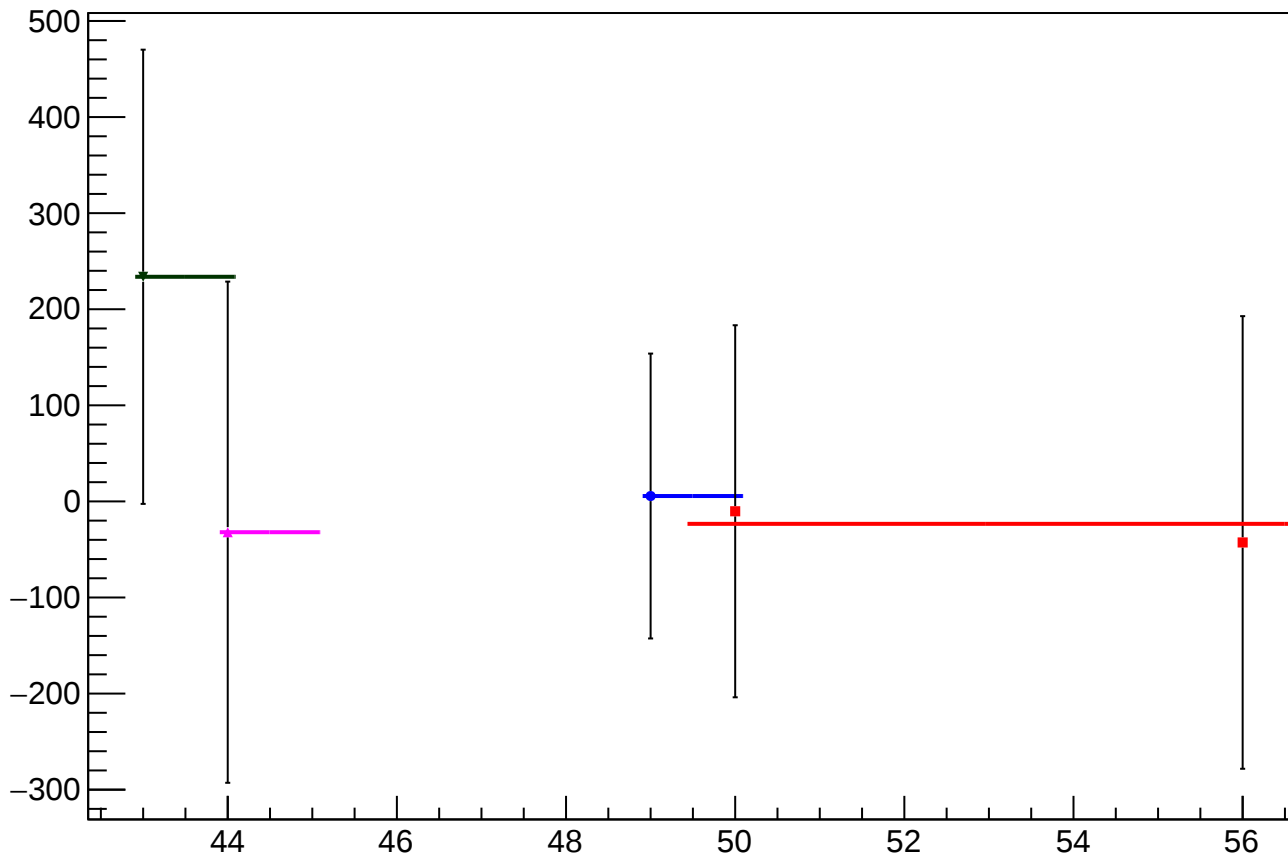
346.962+/-0.207 χ^2/NDF : 502.4/1

Right Out: 361.479+/-0.254 χ^2/NDF : 7730.1/1

352.214+/-0.202 χ^2/NDF : 11330.8/2

Left In: 336.363+/-0.333 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 5.603 $\pm$ 148.246 χ^2 /NDF: 0.0/0

Left Out: 233.776 $\pm$ 236.364 χ^2 /NDF: 0.0/0

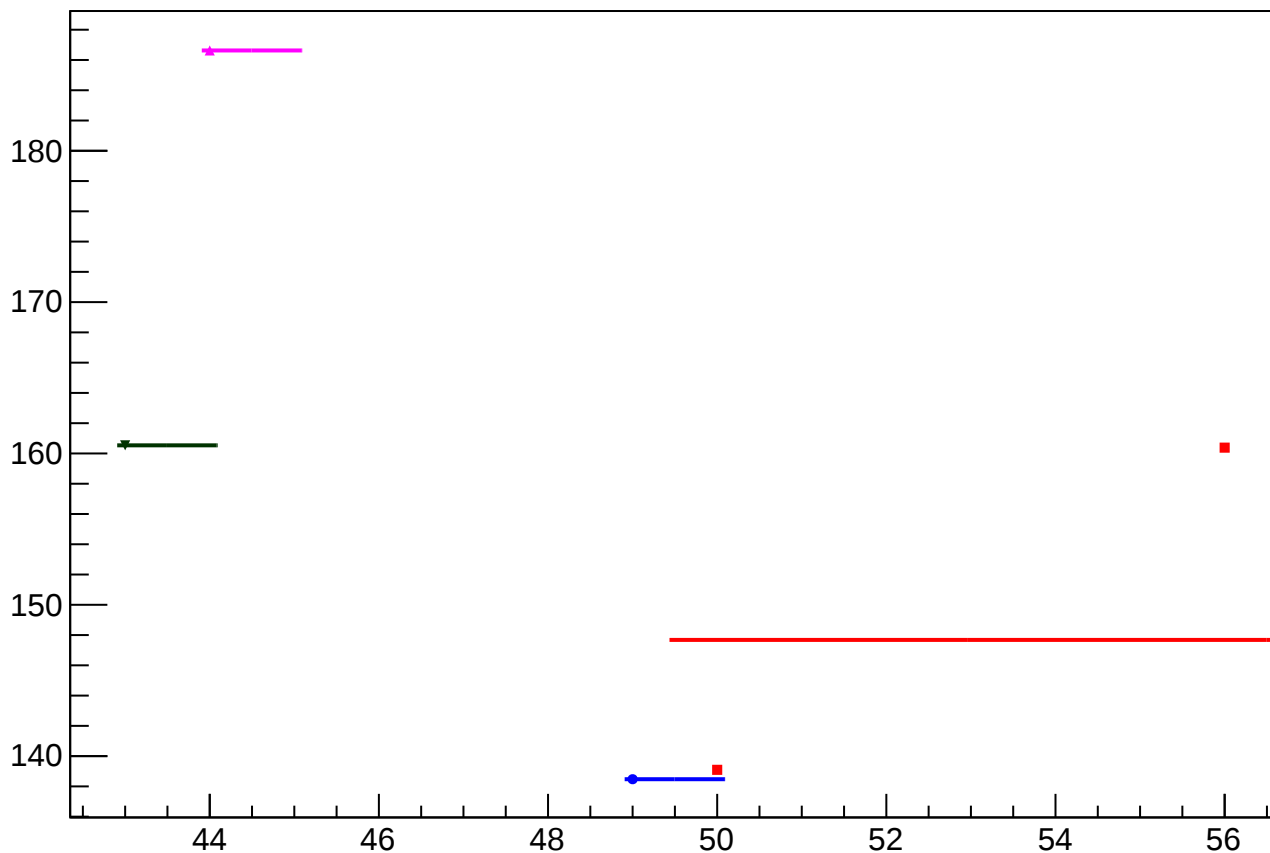
Right Out: -23.357 $\pm$ 149.566 χ^2 /NDF: 0.0/1

Left In: -32.051 $\pm$ 260.803 χ^2 /NDF: 0.0/0

70.020 $\pm$ 125.588 χ^2 /NDF: 0.7/1

-25.508 $\pm$ 129.745 χ^2 /NDF: 0.0/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 138.475 $\pm$ 0.105 χ^2/NDF : 0.0/0

Left Out: 160.536 $\pm$ 0.167 χ^2/NDF : 0.0/0

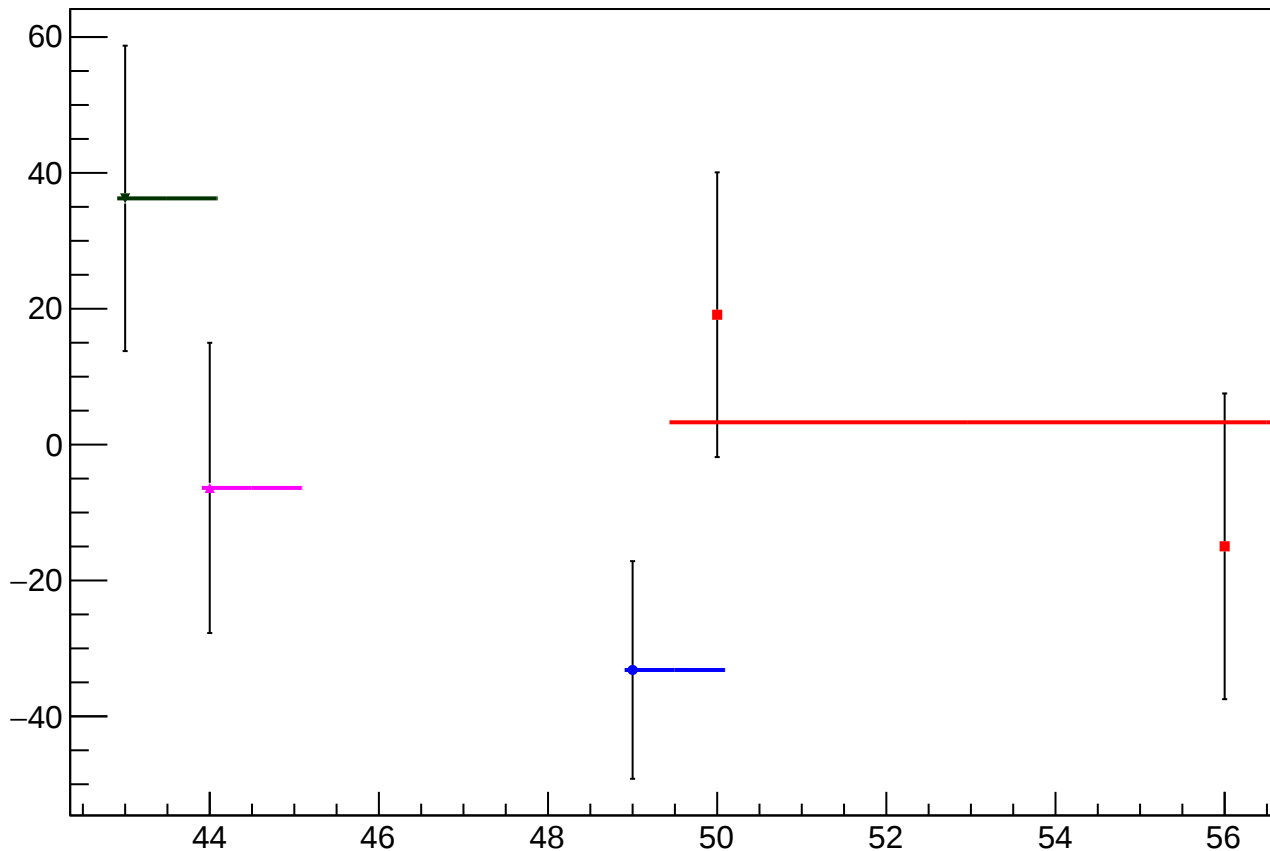
Right Out: 147.679 $\pm$ 0.106 χ^2/NDF : 9750.7/1

Left In: 186.629 $\pm$ 0.184 χ^2/NDF : 0.0/0

144.703 $\pm$ 0.089 χ^2/NDF : 12504.8/1

157.319 $\pm$ 0.092 χ^2/NDF : 43318.6/2

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -33.177 $\pm$ 16.020 χ^2 /NDF: 0.0/0

Left Out: 36.249 $\pm$ 22.481 χ^2 /NDF: 0.0/0

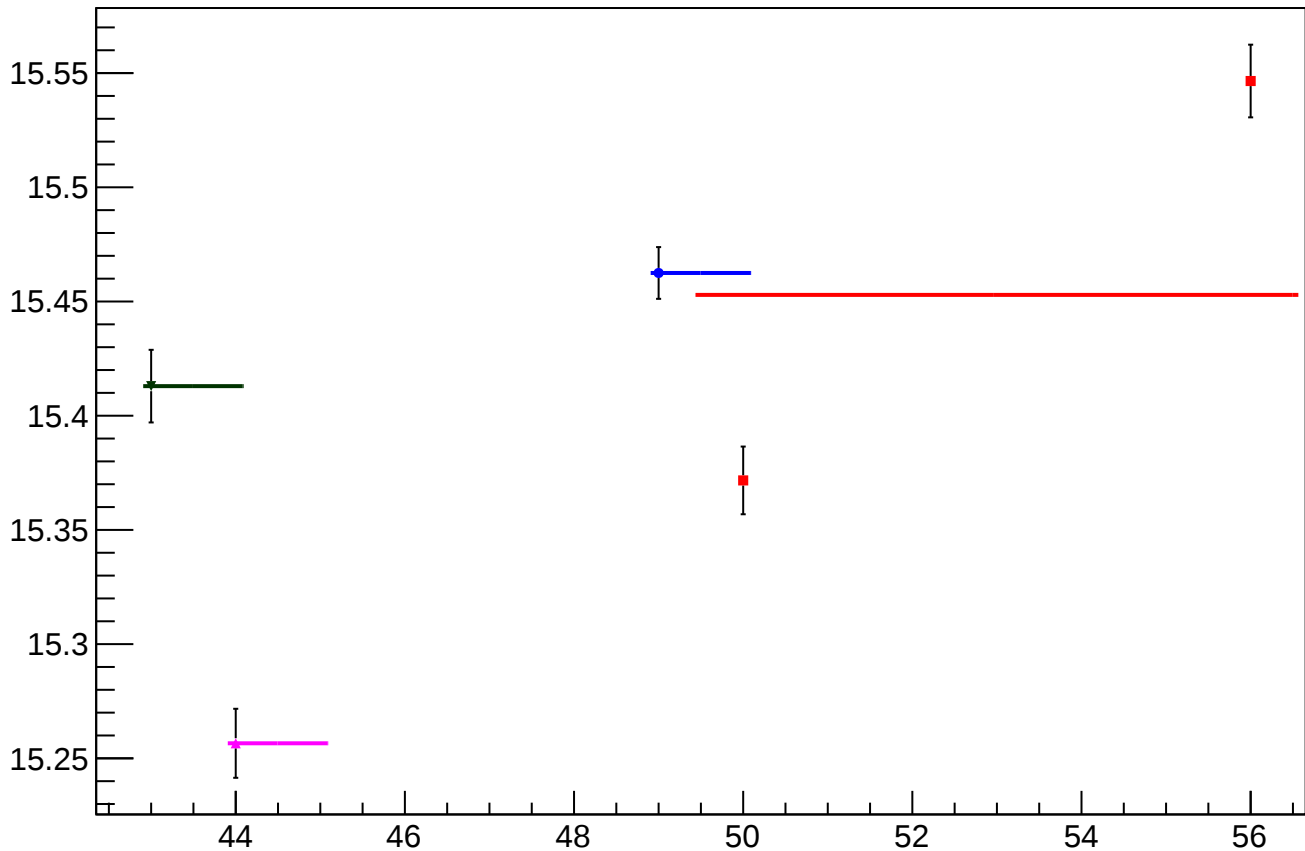
Right Out: 3.285 $\pm$ 15.338 χ^2 /NDF: 1.2/1

Left In: -6.377 $\pm$ 21.365 χ^2 /NDF: 0.0/0

-9.795 $\pm$ 13.046 χ^2 /NDF: 6.3/1

-0.001 $\pm$ 12.459 χ^2 /NDF: 1.4/2

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

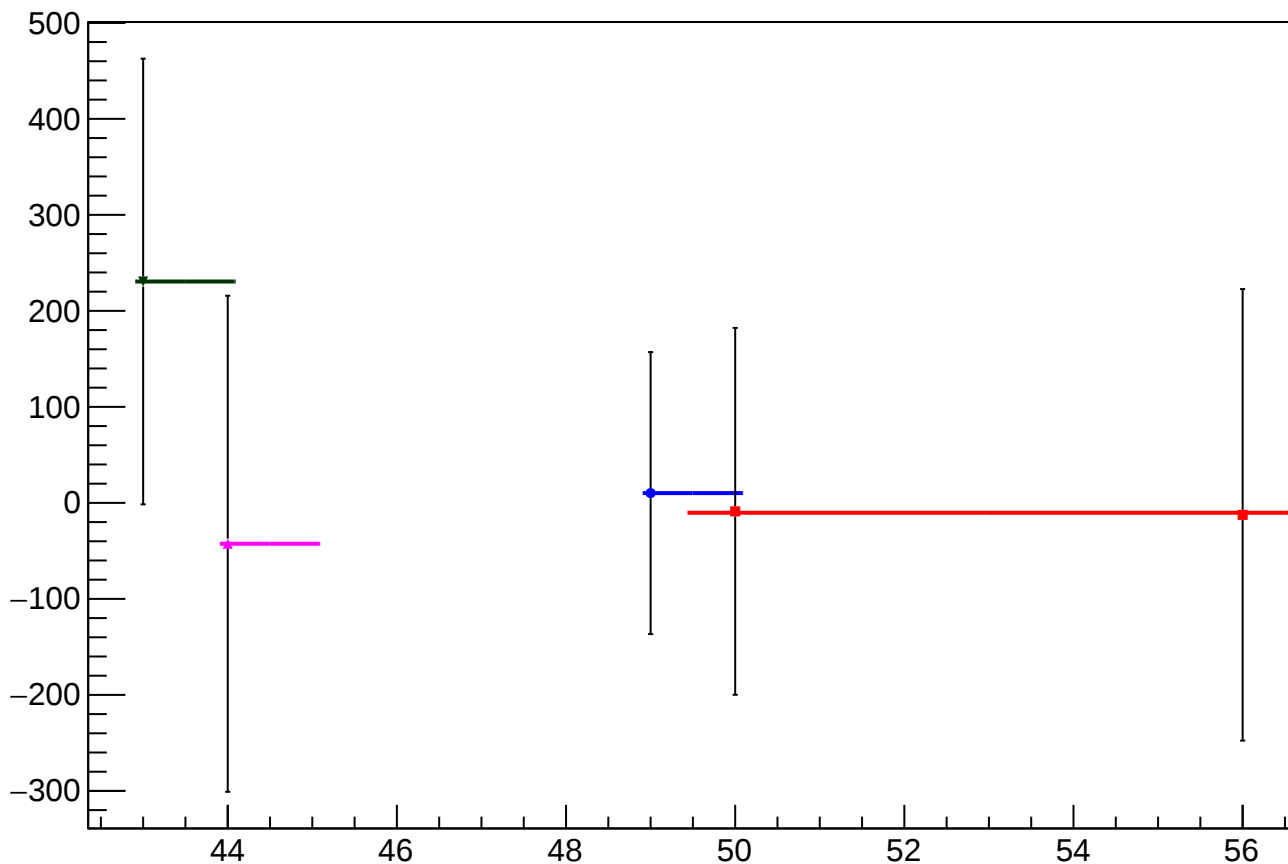
Right Out: 15.453 $\pm$ 0.011 χ^2 /NDF: 64.7/1

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.446 $\pm$ 0.009 χ^2 /NDF: 6.4/1

15.386 $\pm$ 0.009 χ^2 /NDF: 176.1/2

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

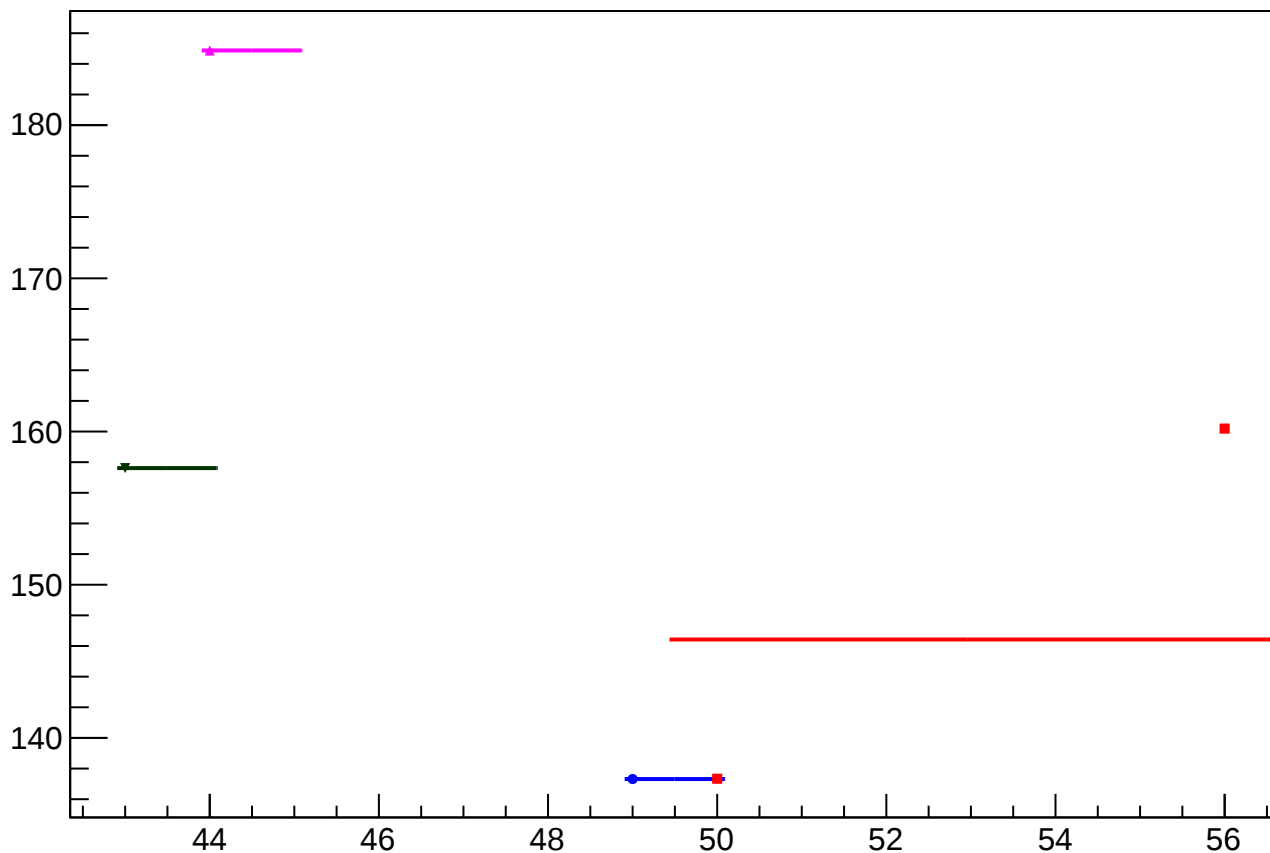
Right Out: -10.272+/-148.293 χ^2/NDF : 0.0/1

Left In: -42.573+/-258.353 χ^2/NDF : 0.0/0

73.194+/-124.102 χ^2/NDF : 0.6/1

-18.277+/-128.612 χ^2/NDF : 0.0/2

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

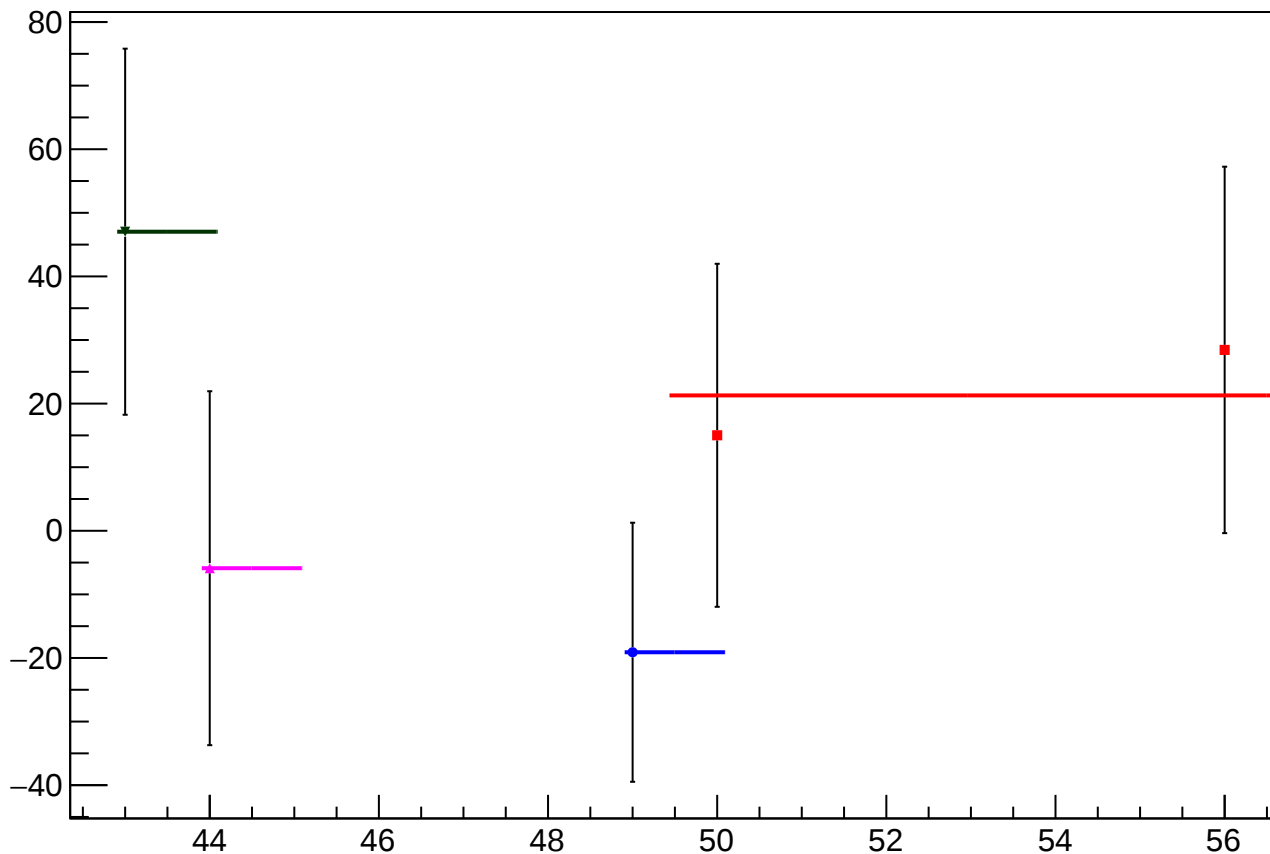
Right Out: 146.424 $\pm$ 0.105 χ^2 /NDF: 11378.4/1

Left In: 184.874 $\pm$ 0.183 χ^2 /NDF: 0.0/0

143.118 $\pm$ 0.088 χ^2 /NDF: 10922.1/1

155.953 $\pm$ 0.091 χ^2 /NDF: 44699.4/2

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -19.102 ± 20.370 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 47.028 ± 28.784 $\chi^2/\text{NDF}: 0.0/0$

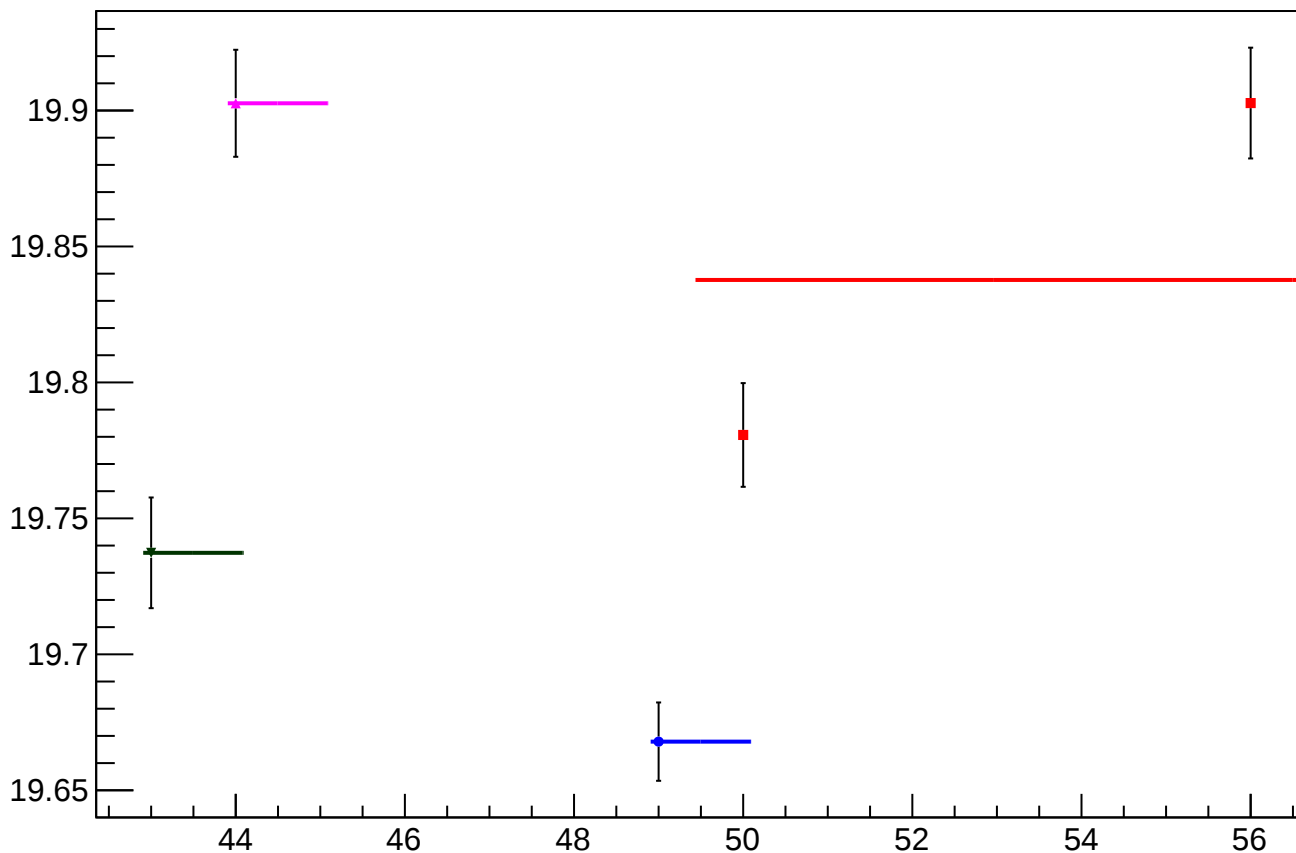
Right Out: 21.286 ± 19.690 $\chi^2/\text{NDF}: 0.1/1$

Left In: -5.884 ± 27.829 $\chi^2/\text{NDF}: 0.0/0$

2.965 ± 16.627 $\chi^2/\text{NDF}: 3.5/1$

12.222 ± 16.073 $\chi^2/\text{NDF}: 0.8/2$

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

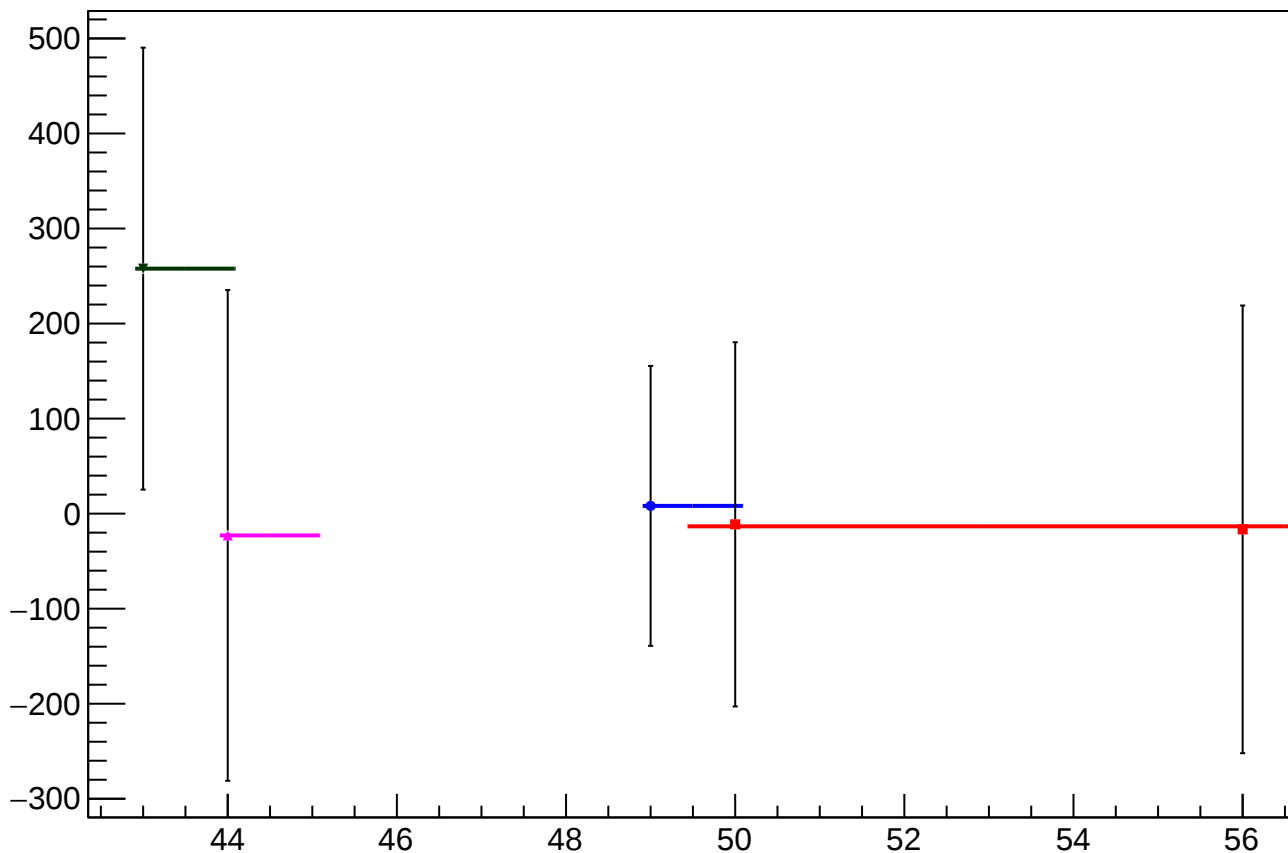
Right Out: 19.838 $\pm$ 0.014 χ^2 /NDF: 19.1/1

Left In: 19.903 $\pm$ 0.020 χ^2 /NDF: 0.0/0

19.691 $\pm$ 0.012 χ^2 /NDF: 7.8/1

19.859 $\pm$ 0.011 χ^2 /NDF: 26.4/2

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

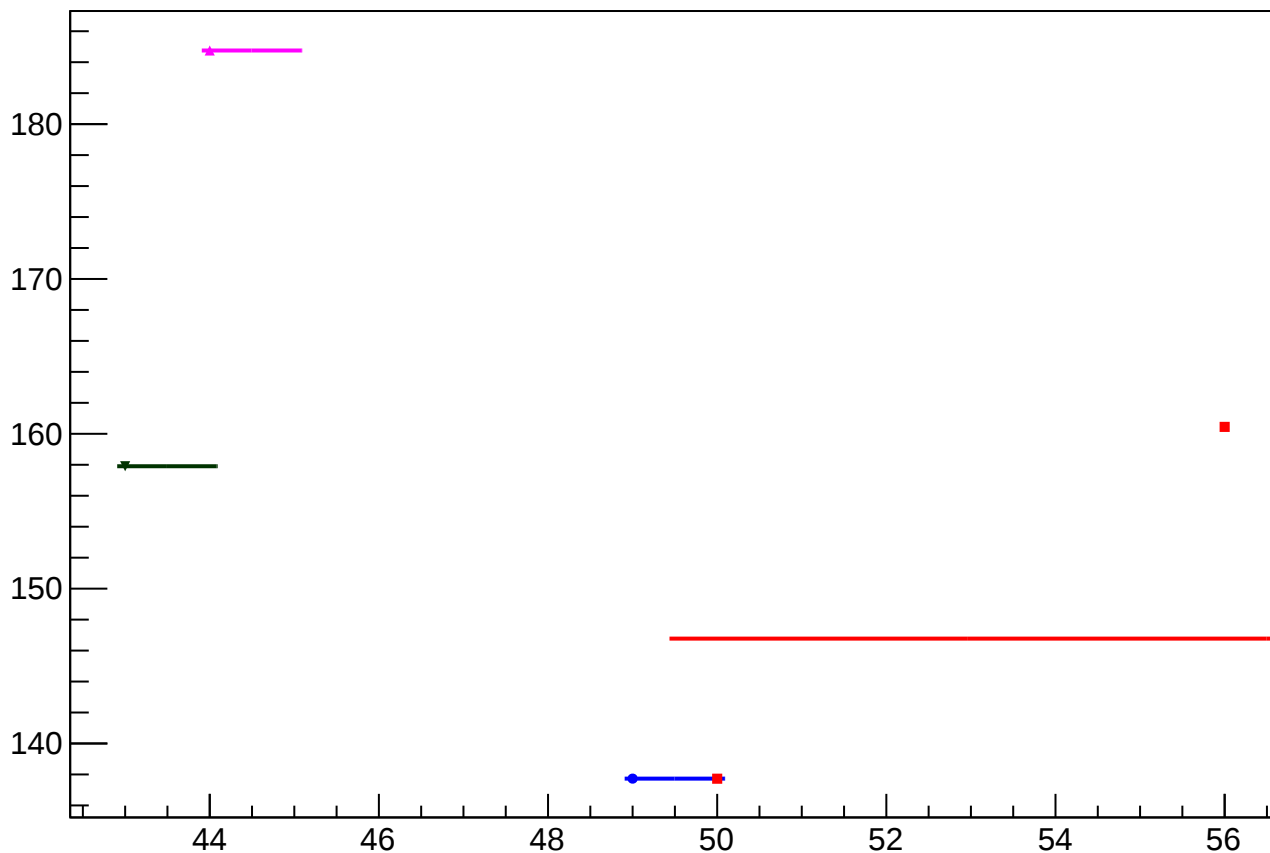
Right Out: -13.369 ± 148.641 χ^2/NDF : 0.0/1

Left In: -22.928 ± 258.180 χ^2/NDF : 0.0/0

79.627 ± 124.406 χ^2/NDF : 0.8/1

-15.748 ± 128.817 χ^2/NDF : 0.0/2

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

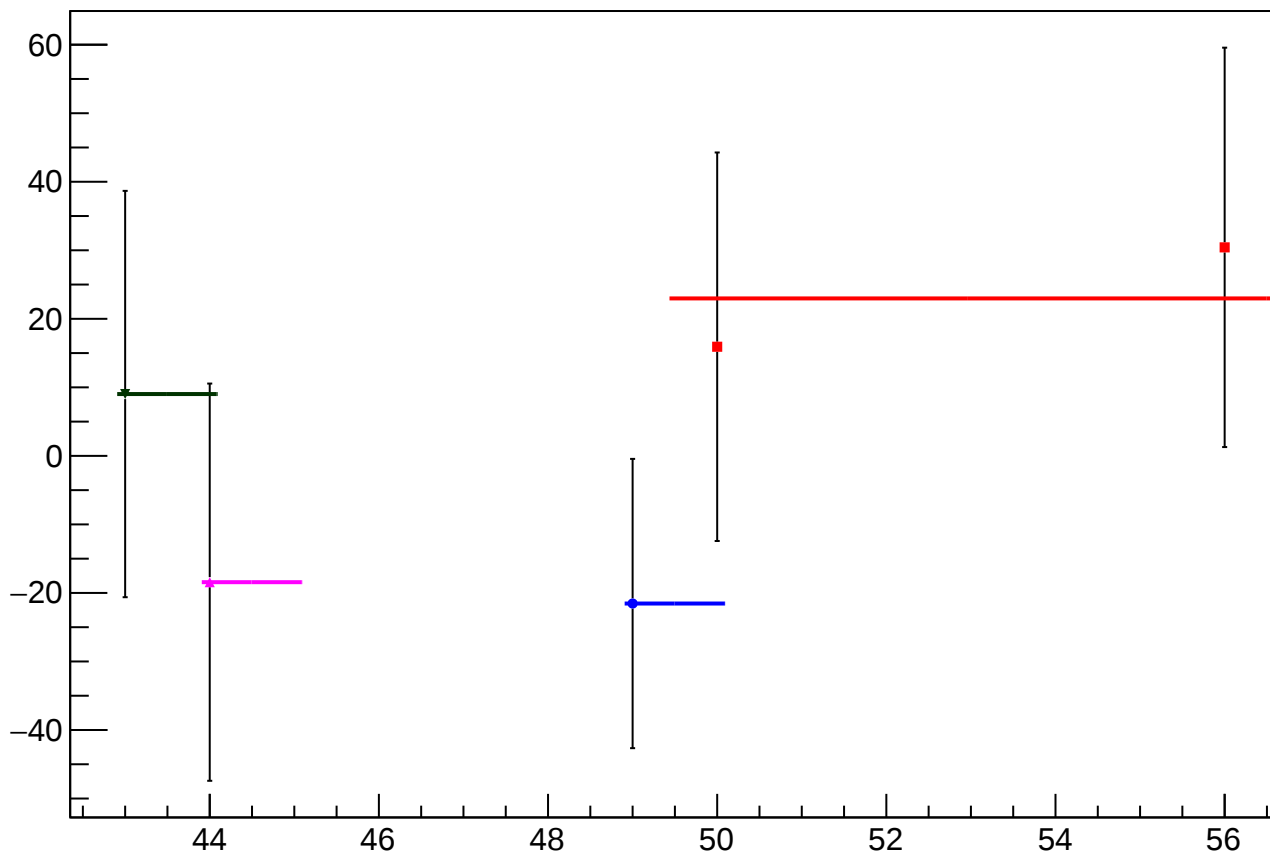
Right Out: 146.773 $\pm$ 0.105 χ^2 /NDF: 11198.9/1

Left In: 184.755 $\pm$ 0.183 χ^2 /NDF: 0.0/0

143.507 $\pm$ 0.088 χ^2 /NDF: 10748.0/1

156.229 $\pm$ 0.091 χ^2 /NDF: 43708.9/2

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

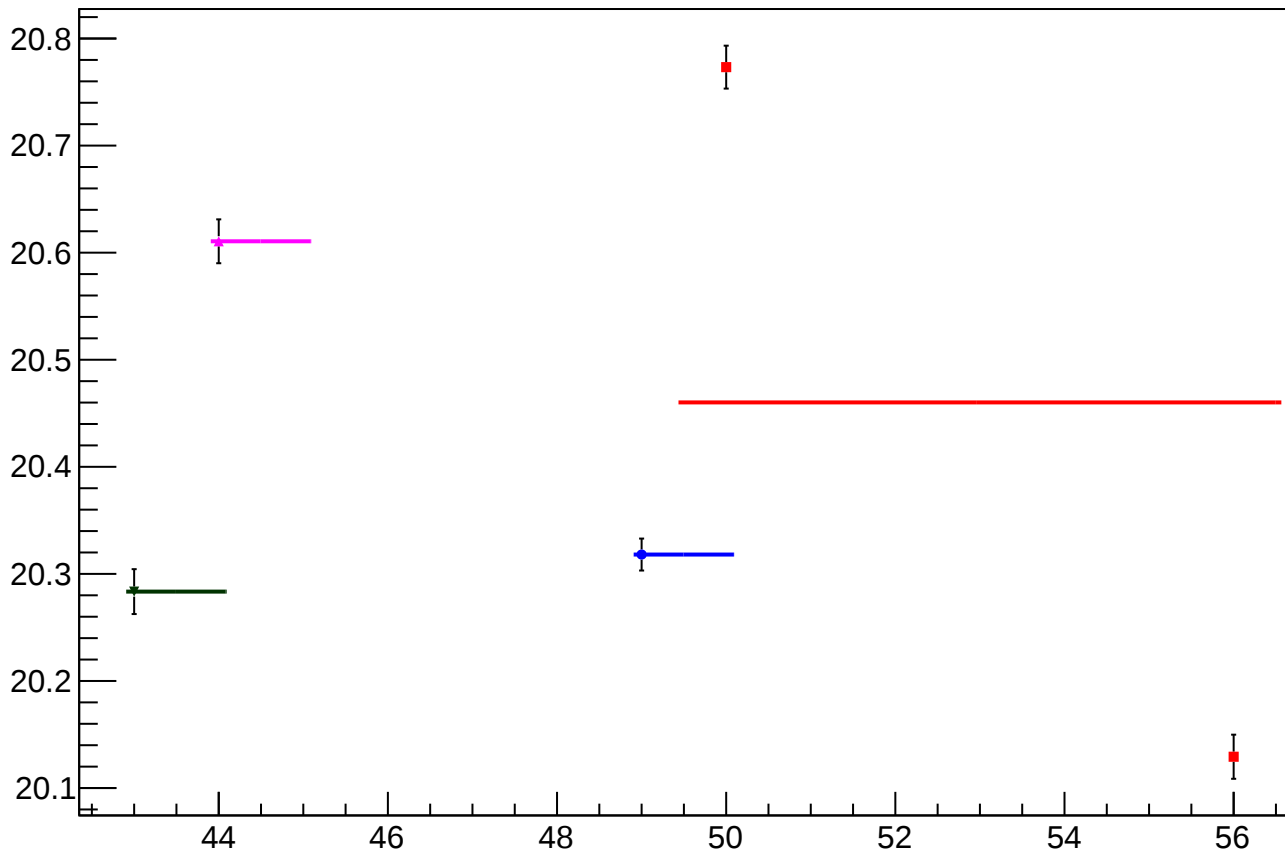
Right Out: 22.976 $\pm$ 20.319 χ^2 /NDF: 0.1/1

Left In: -18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

-11.263 $\pm$ 17.194 χ^2 /NDF: 0.7/1

9.331 $\pm$ 16.637 χ^2 /NDF: 1.5/2

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.318 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 20.283 $\pm$ 0.021 χ^2 /NDF: 0.0/0

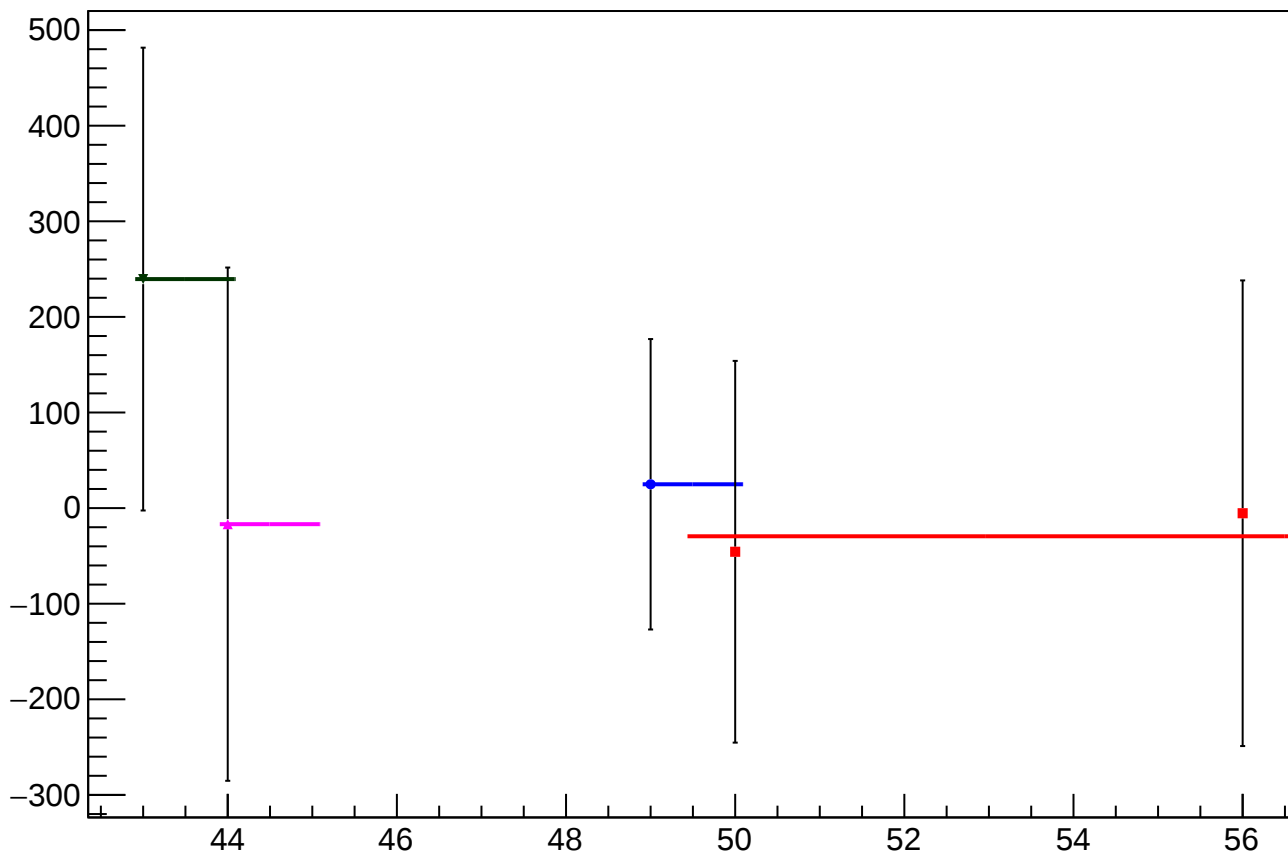
20.306 $\pm$ 0.012 χ^2 /NDF: 1.8/1

Right Out: 20.460 $\pm$ 0.014 χ^2 /NDF: 502.0/1

20.510 $\pm$ 0.012 χ^2 /NDF: 538.1/2

Left In: 20.611 $\pm$ 0.020 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 24.926+/-151.901 χ^2/NDF : 0.0/0

Left Out: 239.549+/-242.055 χ^2/NDF : 0.0/0

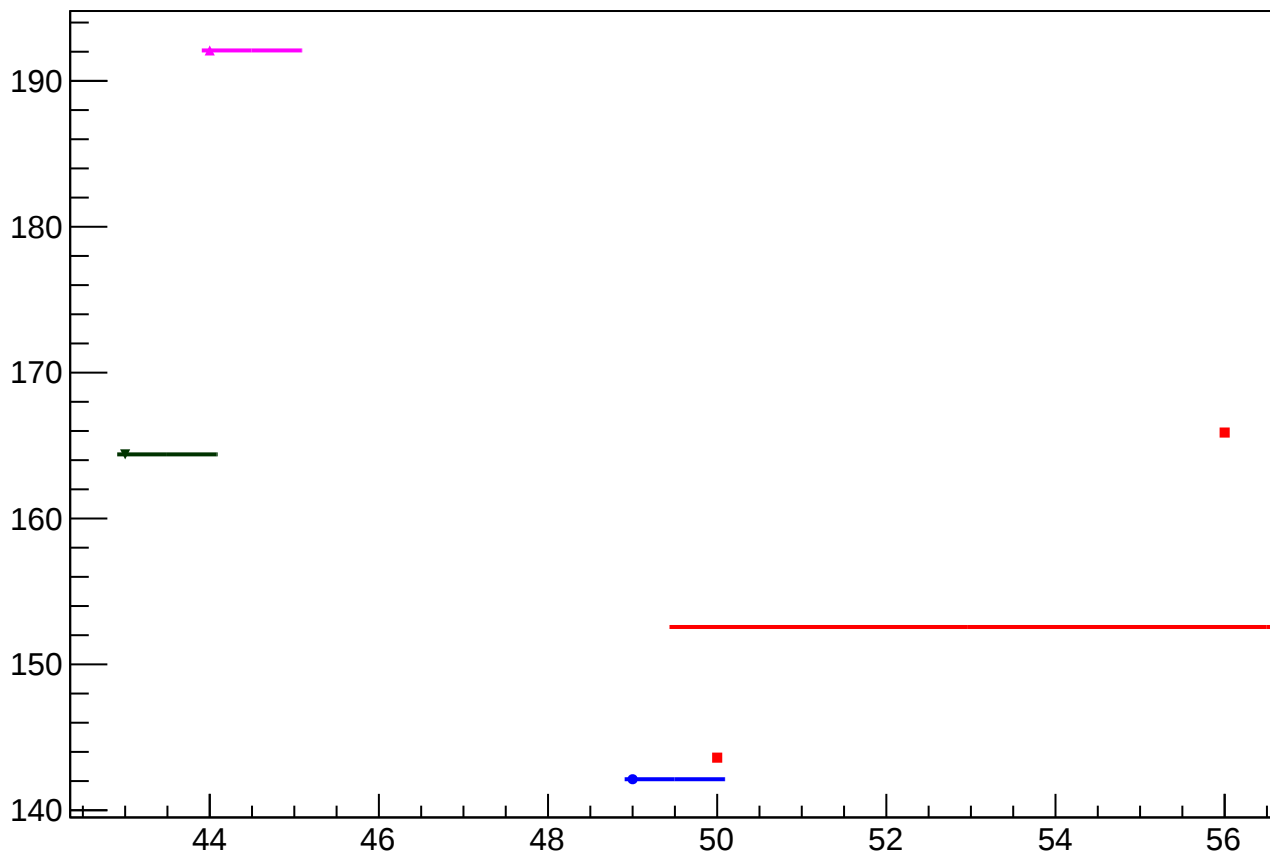
Right Out: -29.468+/-154.390 χ^2/NDF : 0.0/1

Left In: -16.805+/-268.428 χ^2/NDF : 0.0/0

85.567+/-128.664 χ^2/NDF : 0.6/1

-26.321+/-133.832 χ^2/NDF : 0.0/2

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

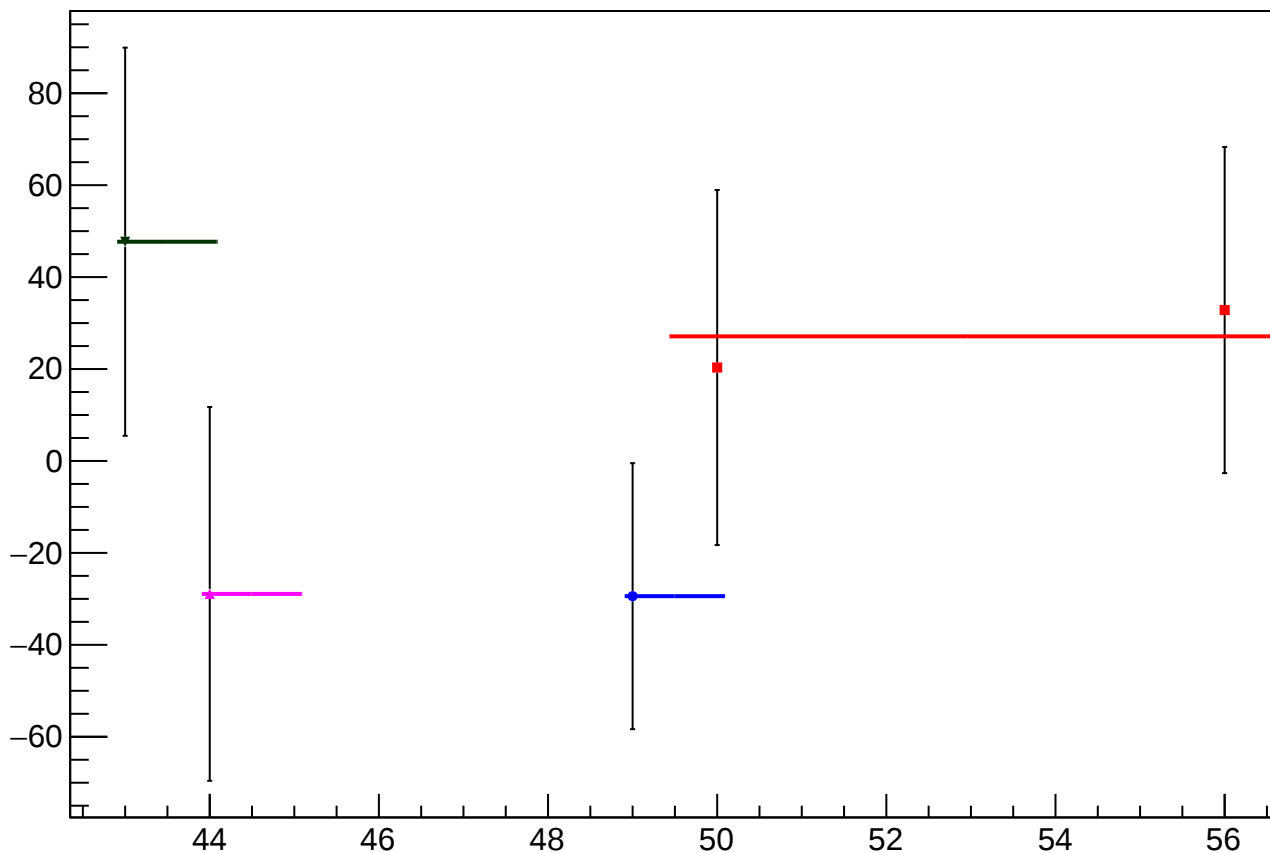
148.418 $\pm$ 0.091 χ^2 /NDF: 12146.3/1

Right Out: 152.563 $\pm$ 0.109 χ^2 /NDF: 10019.0/1

162.388 $\pm$ 0.095 χ^2 /NDF: 42602.8/2

Left In: 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

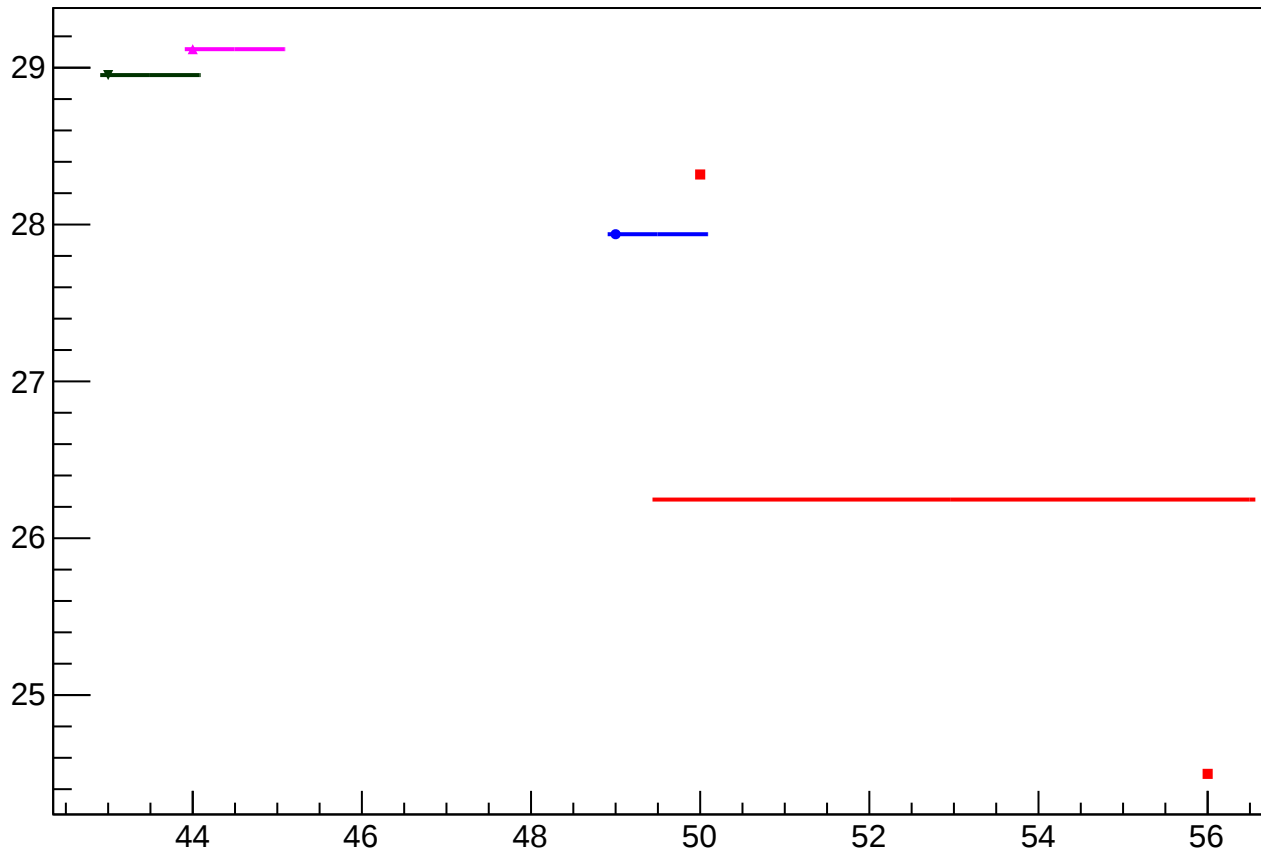
Right Out: 27.111 $\pm$ 26.129 χ^2 /NDF: 0.1/1

Left In: -28.921 $\pm$ 40.658 χ^2 /NDF:0.0/0

-4.768 $\pm$ 23.867 χ^2 /NDF: 2.3/1

10.734 $\pm$ 21.981 χ^2 /NDF: 1.4/2

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 27.938 $\pm$ 0.020 χ^2/NDF : 0.0/0

Left Out: 28.953 $\pm$ 0.030 χ^2/NDF : 0.0/0

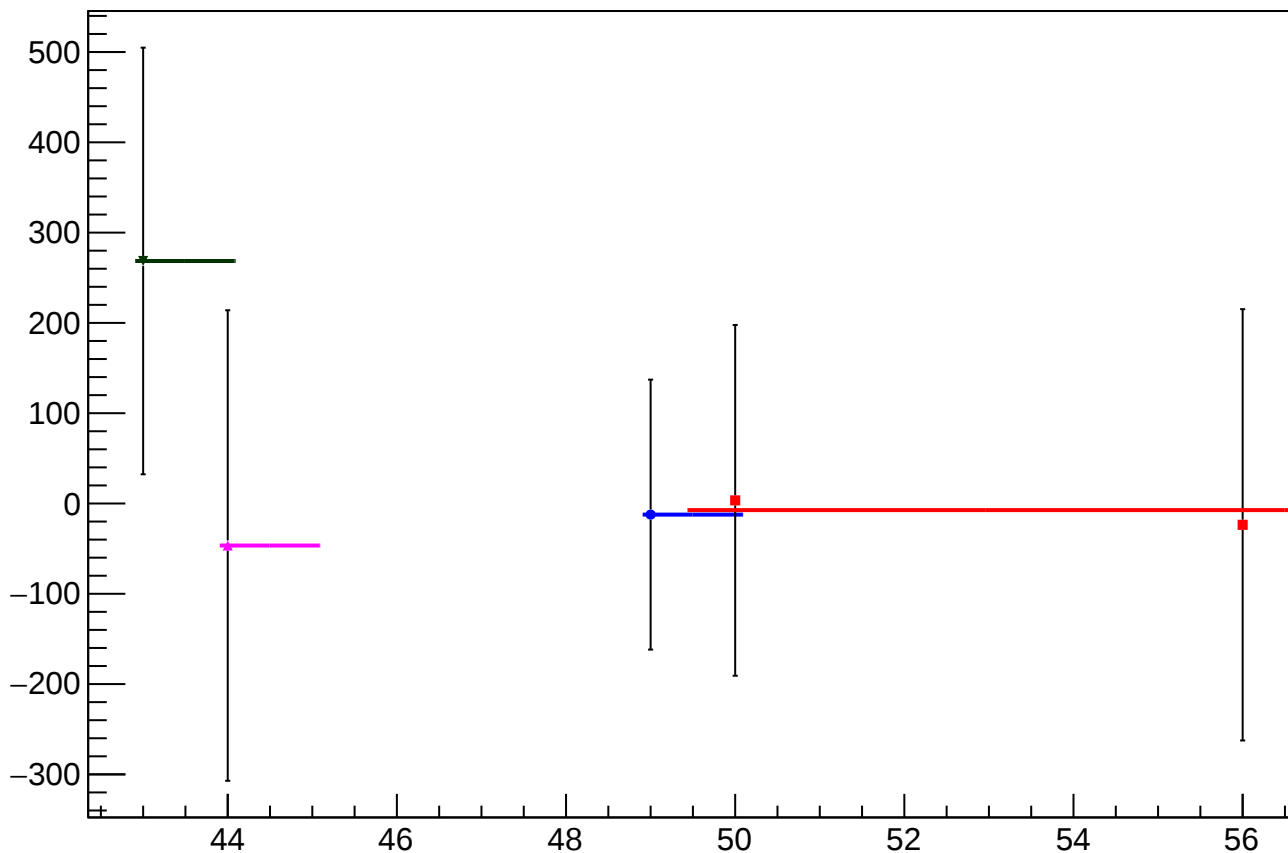
Right Out: 26.247 $\pm$ 0.018 χ^2/NDF : 10619.2/1

Left In: 29.118 $\pm$ 0.029 χ^2/NDF : 0.0/0

28.263 $\pm$ 0.017 χ^2/NDF : 786.1/1

27.086 $\pm$ 0.016 χ^2/NDF : 17679.7/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: -12.303 $\pm$ 149.499 χ^2 /NDF: 0.0/0

Left Out: 268.579 $\pm$ 236.251 χ^2 /NDF: 0.0/0

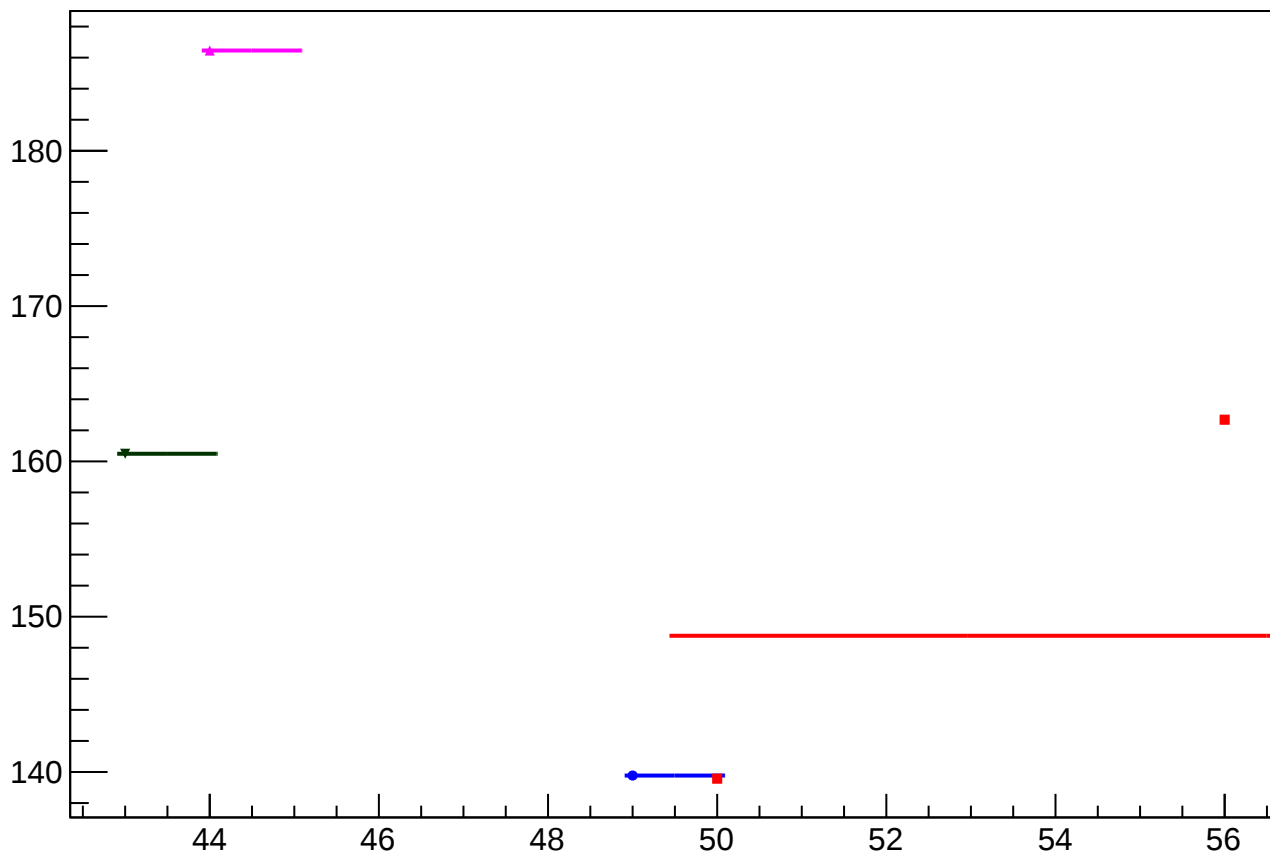
Right Out: -7.326 $\pm$ 150.690 χ^2 /NDF: 0.0/1

Left In: -46.555 $\pm$ 260.560 χ^2 /NDF: 0.0/0

68.011 $\pm$ 126.330 χ^2 /NDF: 1.0/1

-17.158 $\pm$ 130.446 χ^2 /NDF: 0.0/2

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

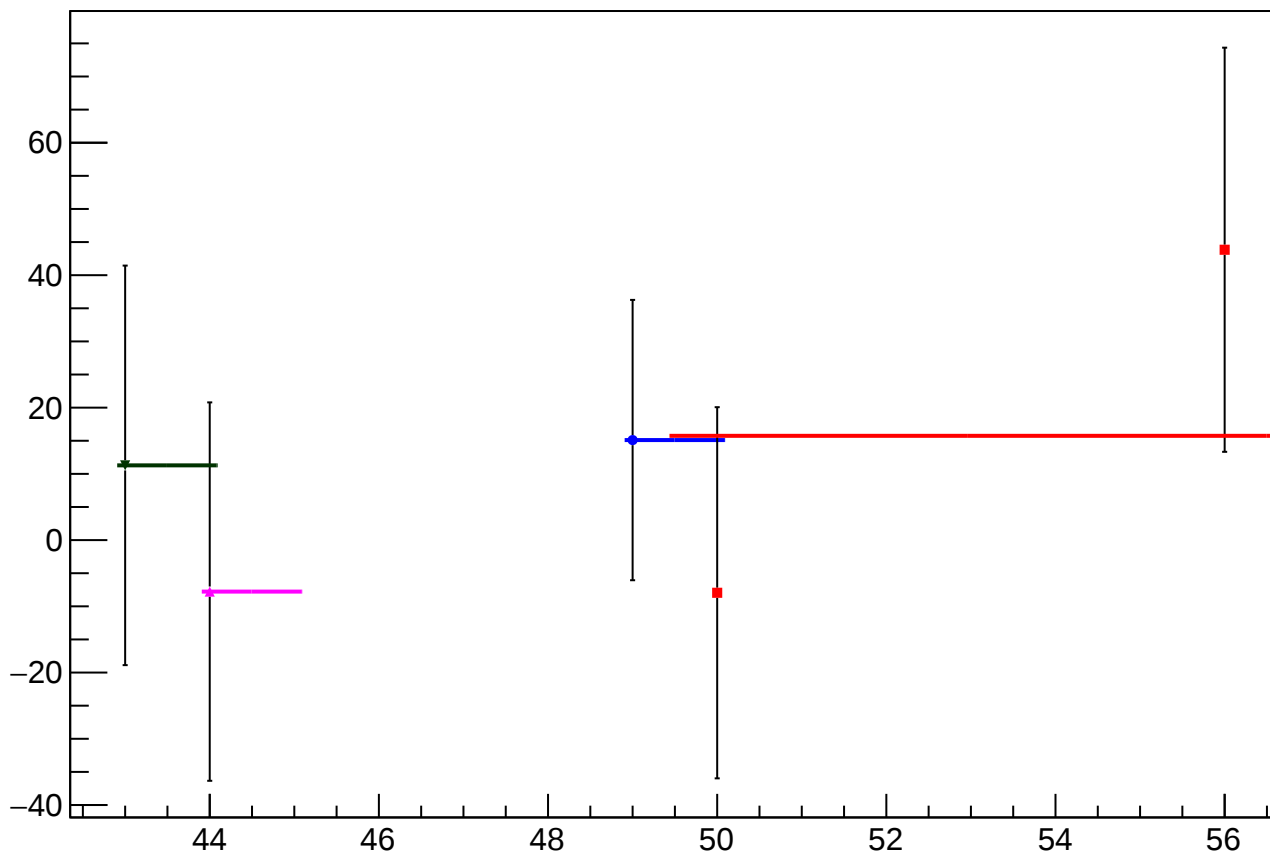
145.696 $\pm$ 0.089 χ^2 /NDF: 10985.6/1

Right Out: 148.772 $\pm$ 0.107 χ^2 /NDF: 11275.0/1

158.217 $\pm$ 0.092 χ^2 /NDF: 42625.5/2

Left In: 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

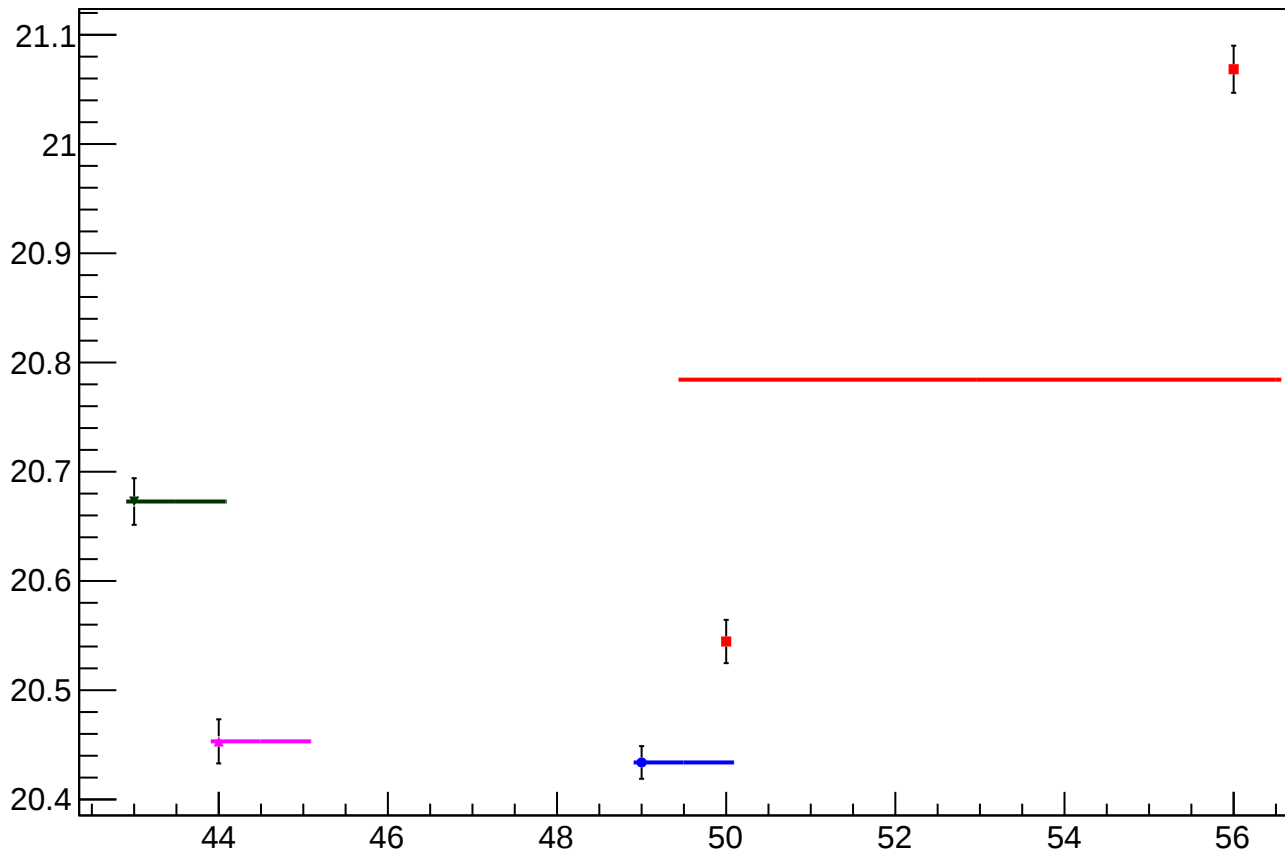
Right Out: 15.745+/-20.639 χ^2/NDF : 1.6/1

Left In: -7.775+/-28.568 χ^2/NDF : 0.0/0

13.845+/-17.325 χ^2/NDF : 0.0/1

7.679+/-16.730 χ^2/NDF : 2.0/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.434 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 20.673 $\pm$ 0.021 χ^2 /NDF: 0.0/0

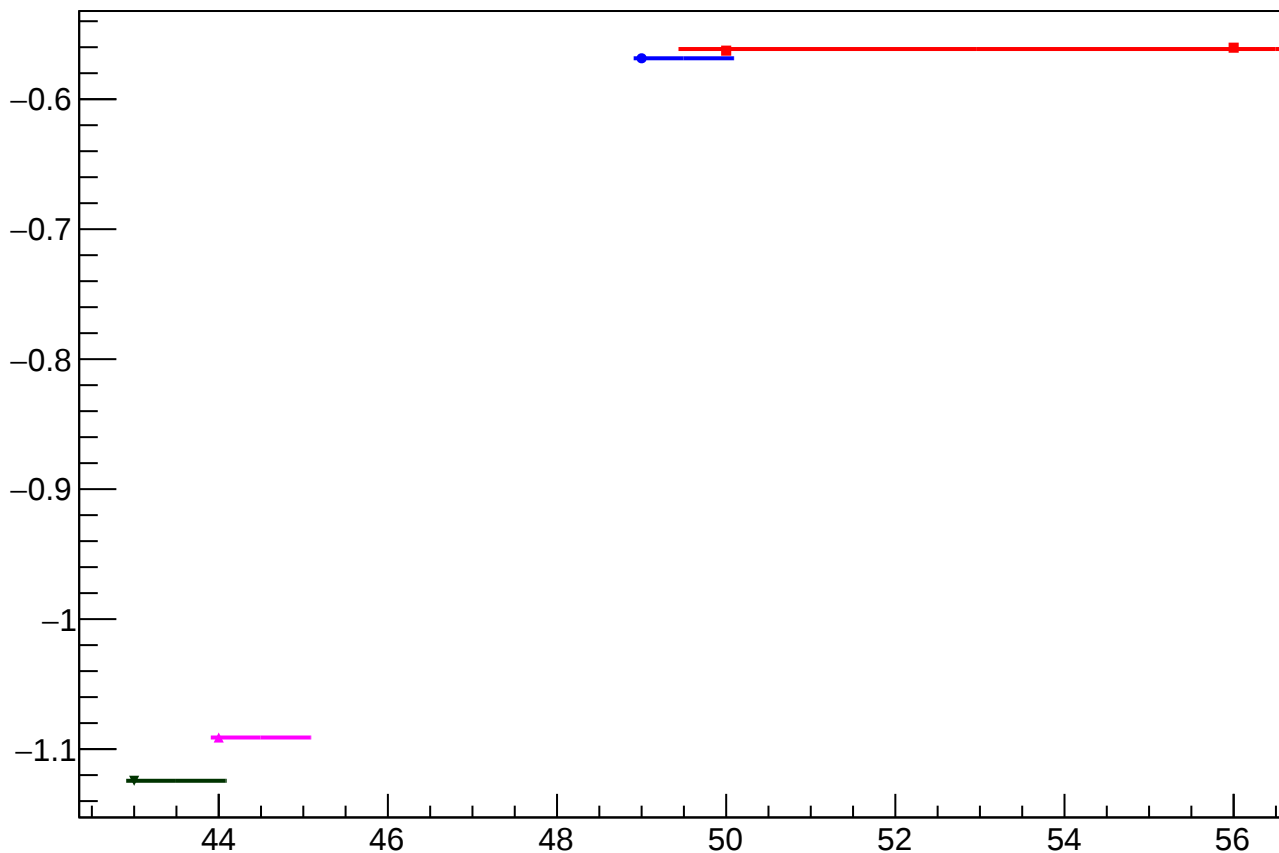
20.513 $\pm$ 0.012 χ^2 /NDF: 84.1/1

Right Out: 20.784 $\pm$ 0.015 χ^2 /NDF: 319.8/1

20.671 $\pm$ 0.012 χ^2 /NDF: 496.4/2

Left In: 20.453 $\pm$ 0.020 χ^2 /NDF: 0.0/0

yield_bpm0l01X_mean vs slug



Right In: -0.569+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -1.124+/-0.000 χ^2 /NDF: 0.0/0

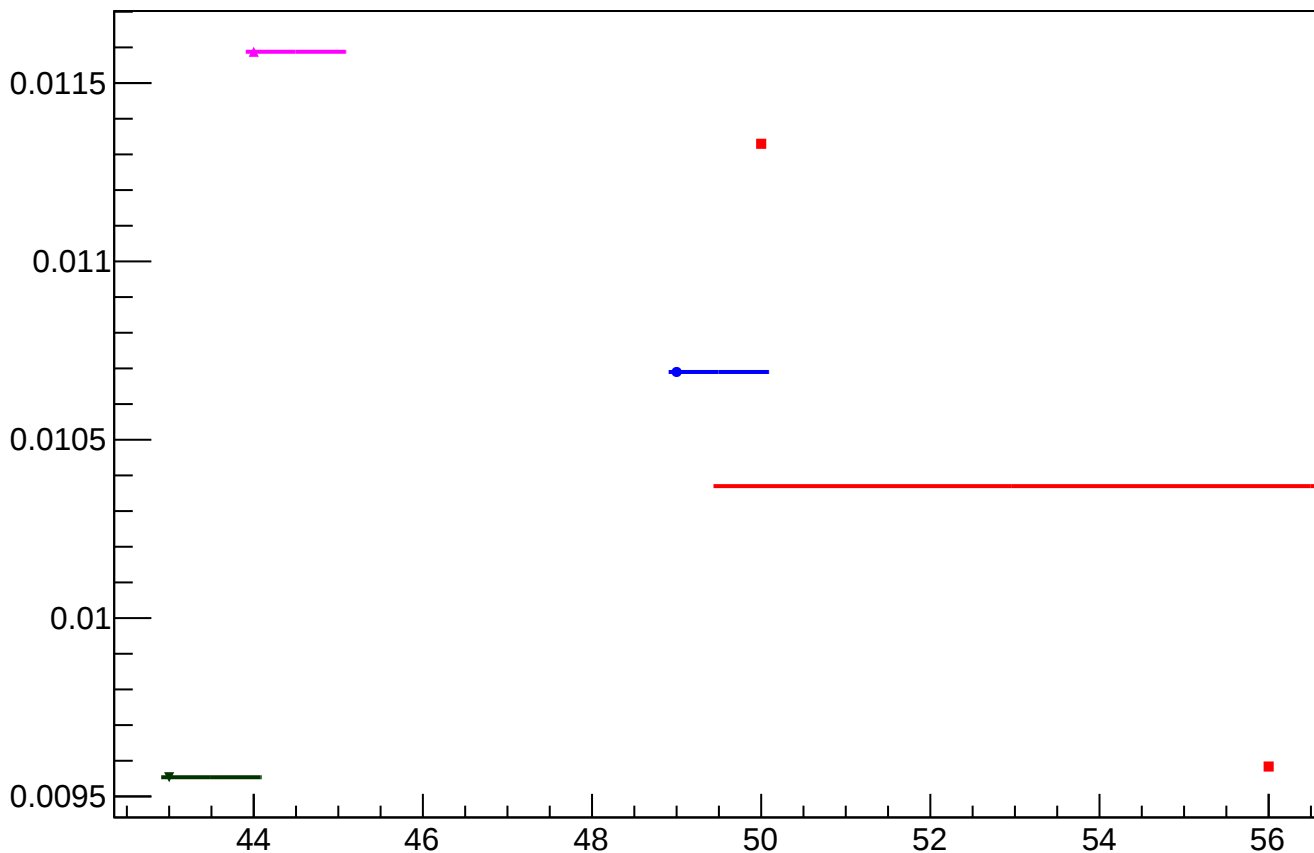
Right Out: -0.561+/-0.000 χ^2 /NDF: 11762.0/1

Left In: -1.091+/-0.000 χ^2 /NDF: 0.0/0

-0.785+/-0.000 χ^2 /NDF: 952600300.1/1

-0.716+/-0.000 χ^2 /NDF: 750878698.7/2

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

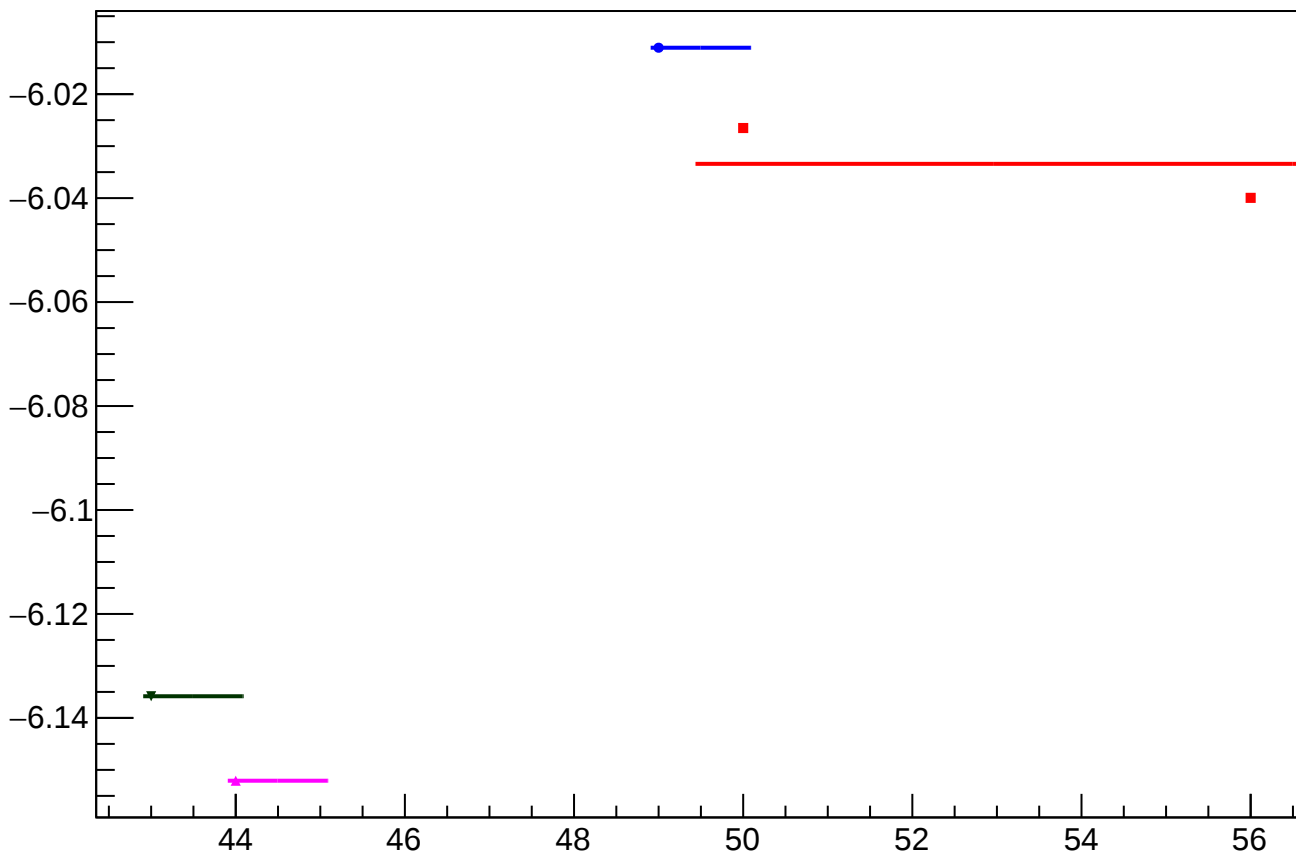
Right Out: 0.010+/-0.000 χ^2/NDF : 13803.2/1

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 7961.1/1

0.011+/-0.000 χ^2/NDF : 21740.4/2

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

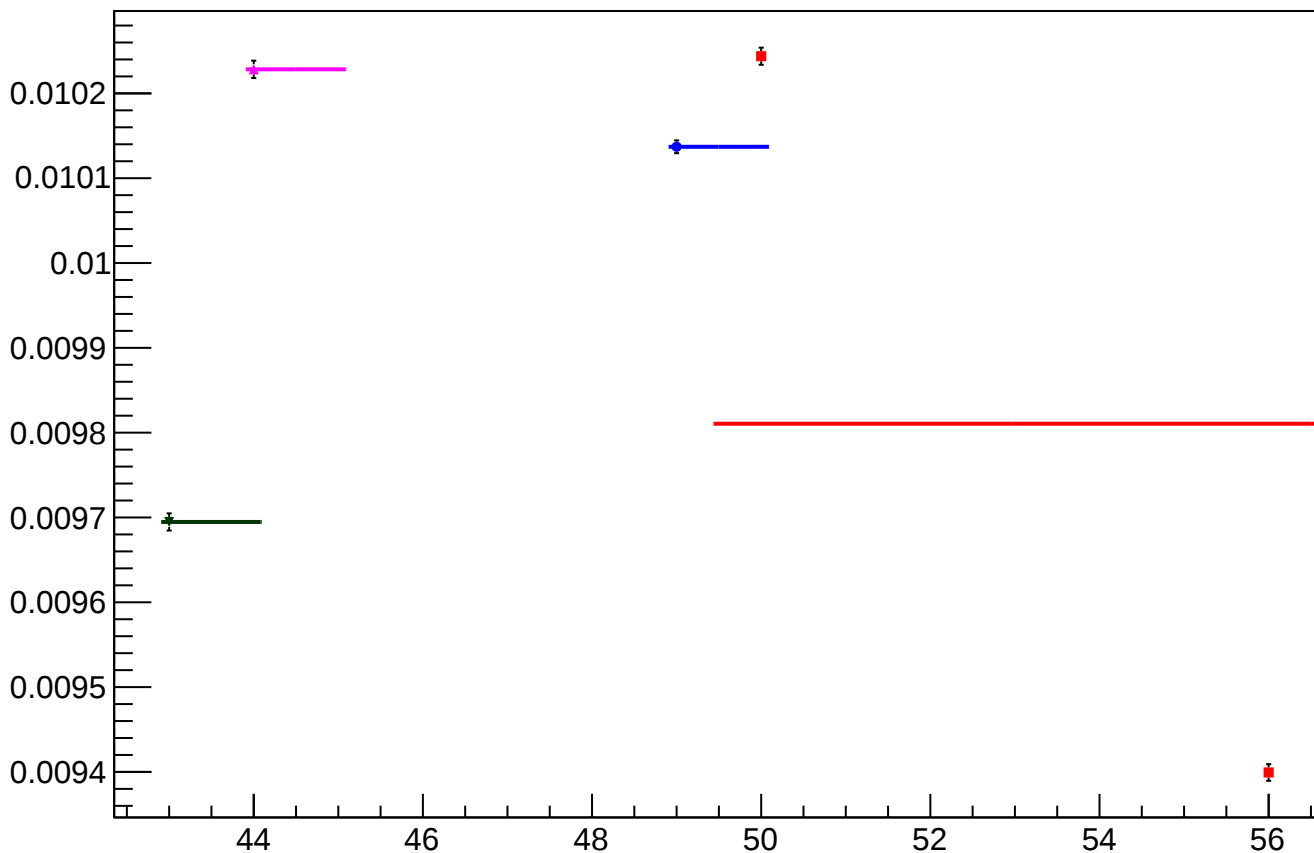
Right Out: -6.033+/-0.000 χ^2/NDF : 455917.3/1

Left In: -6.152+/-0.000 χ^2/NDF : 0.0/0

-6.056+/-0.000 χ^2/NDF : 48622963.8/1

-6.072+/-0.000 χ^2/NDF : 46181586.0/2

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

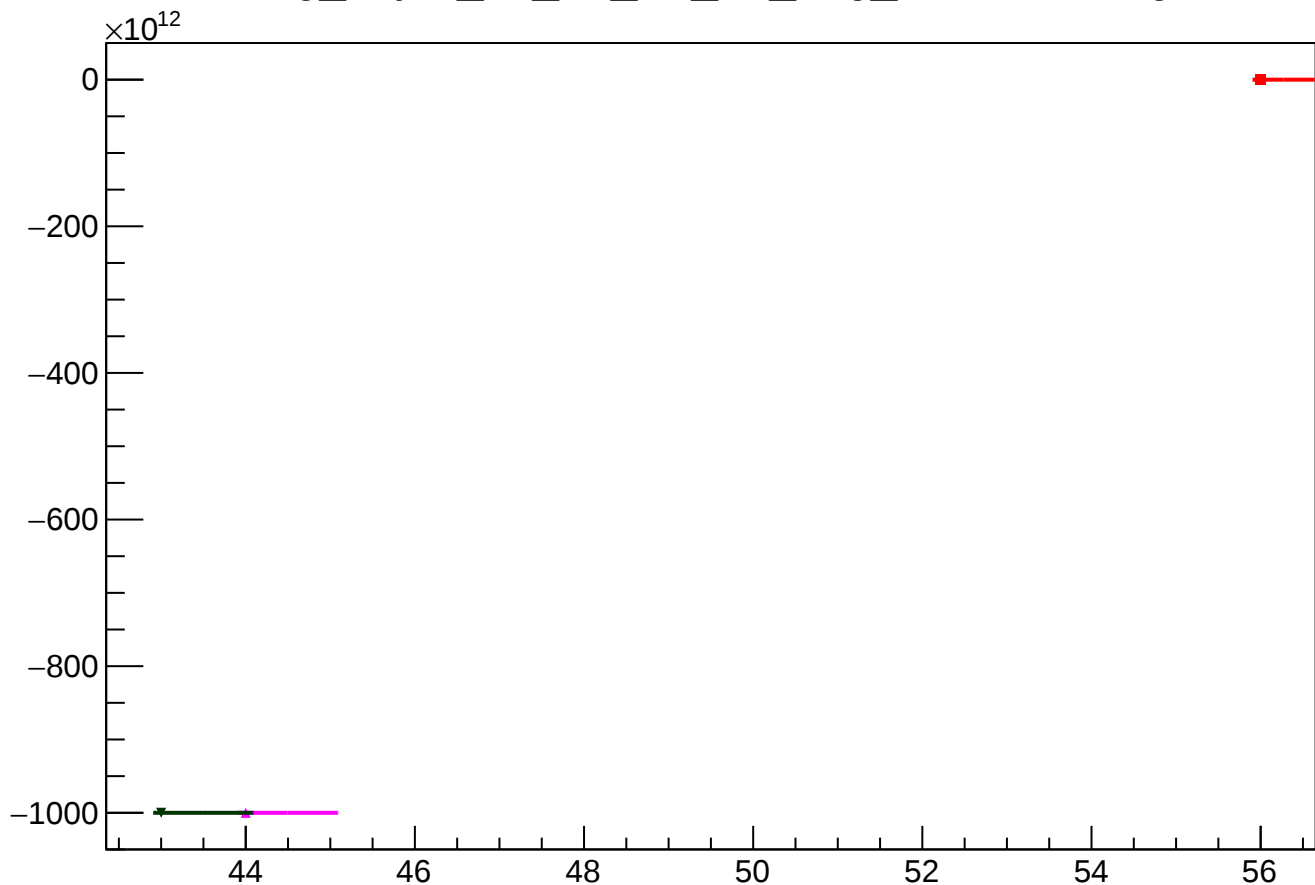
Right Out: 0.010+/-0.000 χ^2/NDF : 3602.6/1

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

0.010+/-0.000 χ^2/NDF : 1222.4/1

0.010+/-0.000 χ^2/NDF : 4736.3/2

reg_asym_atl_dd_atr_dd_avg_mean vs slug



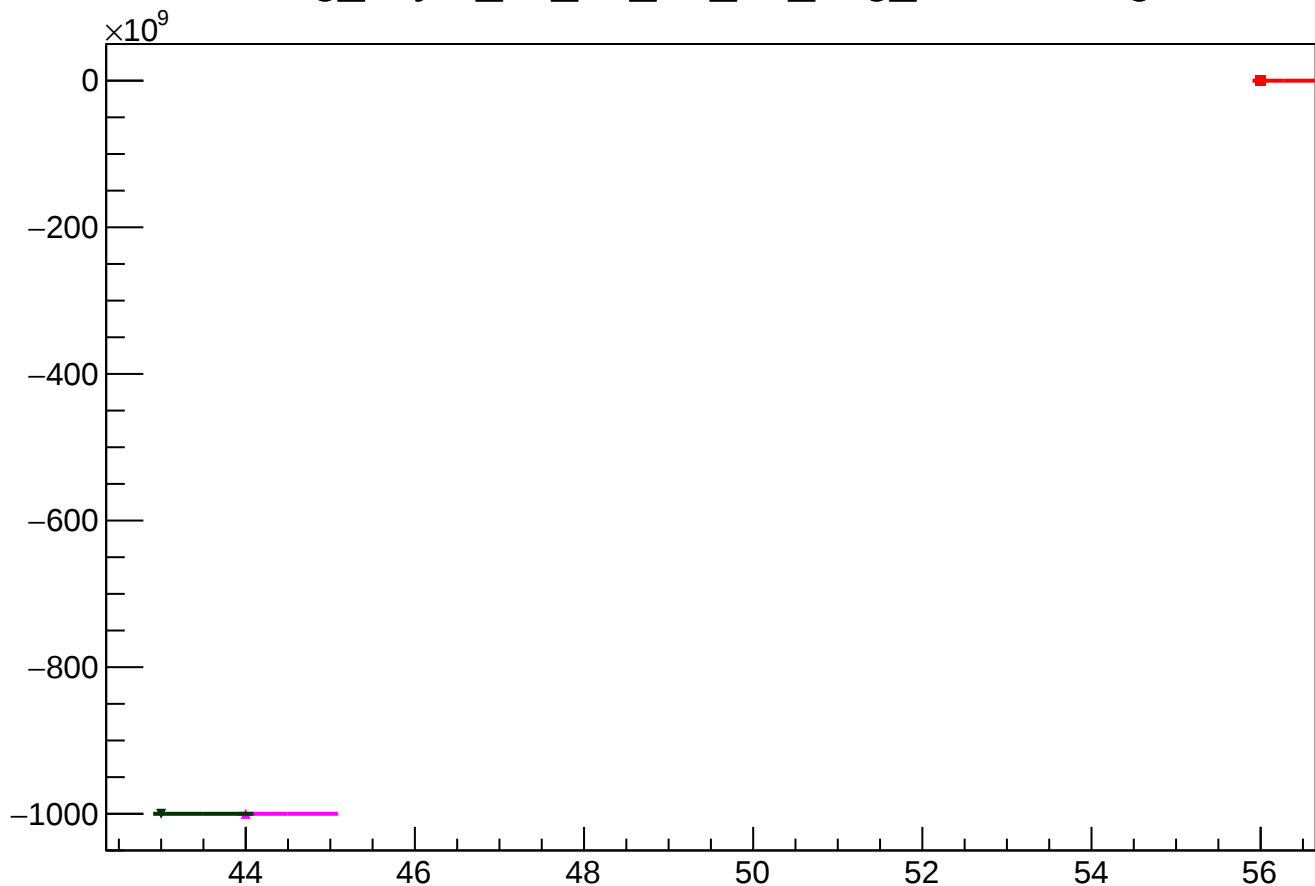
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

Right Out: -75.920+/-1450.832 χ^2/NDF : 0.0/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

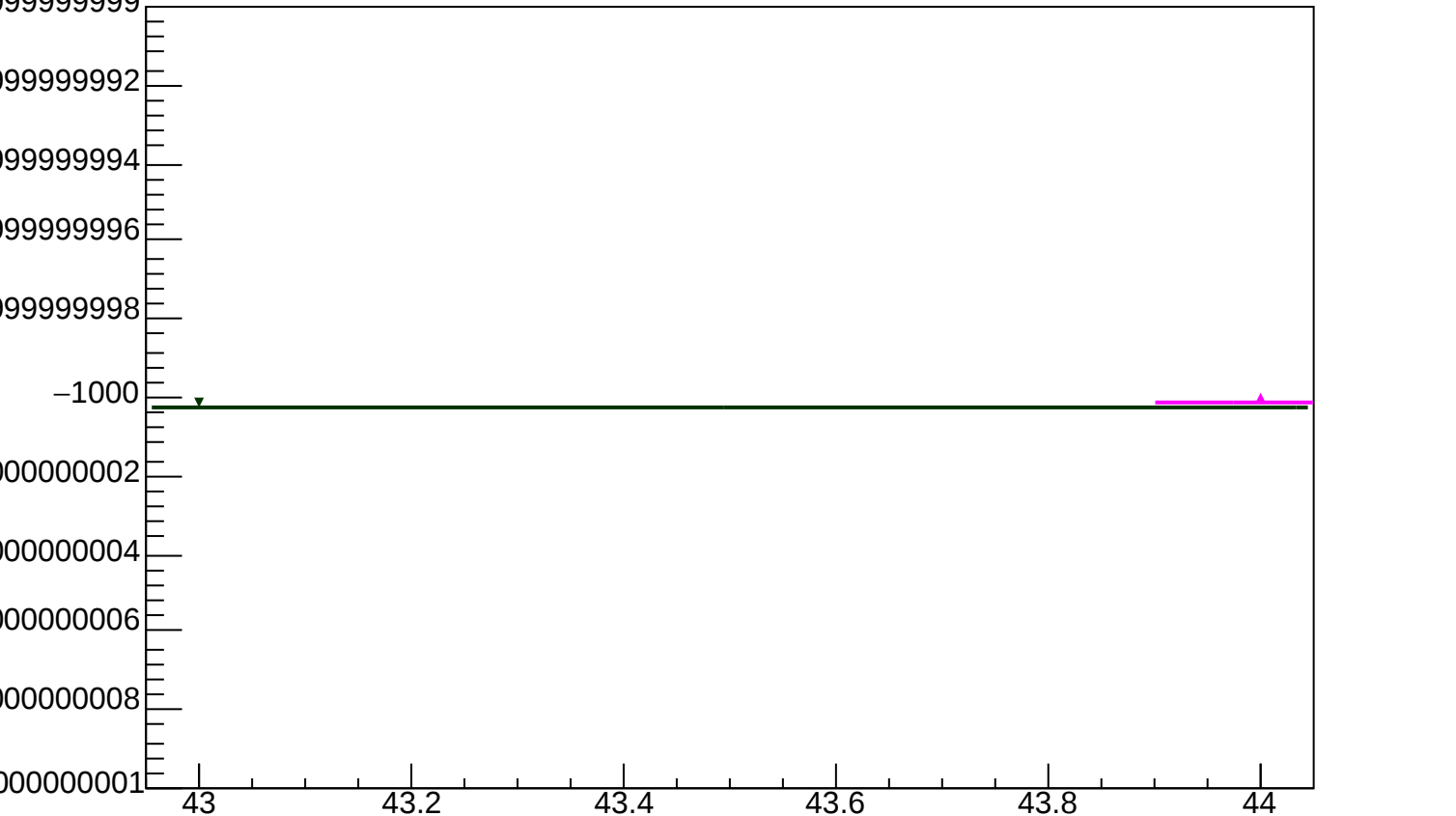
Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

-999999999716.831+/-0.000 χ^2/NDF : 9501578

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_mean vs slug

$\times 10^{12}$



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

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

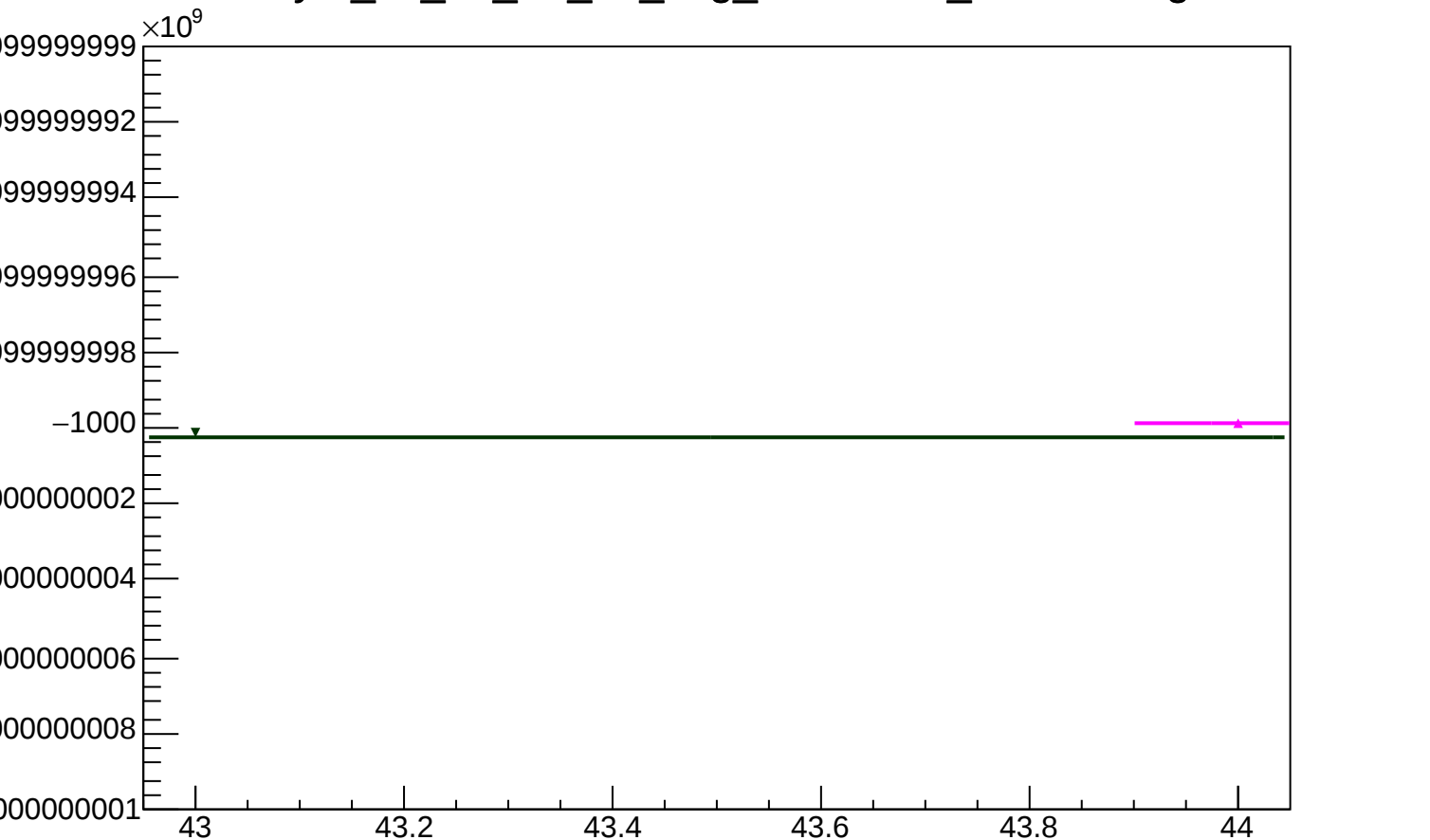
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

-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_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

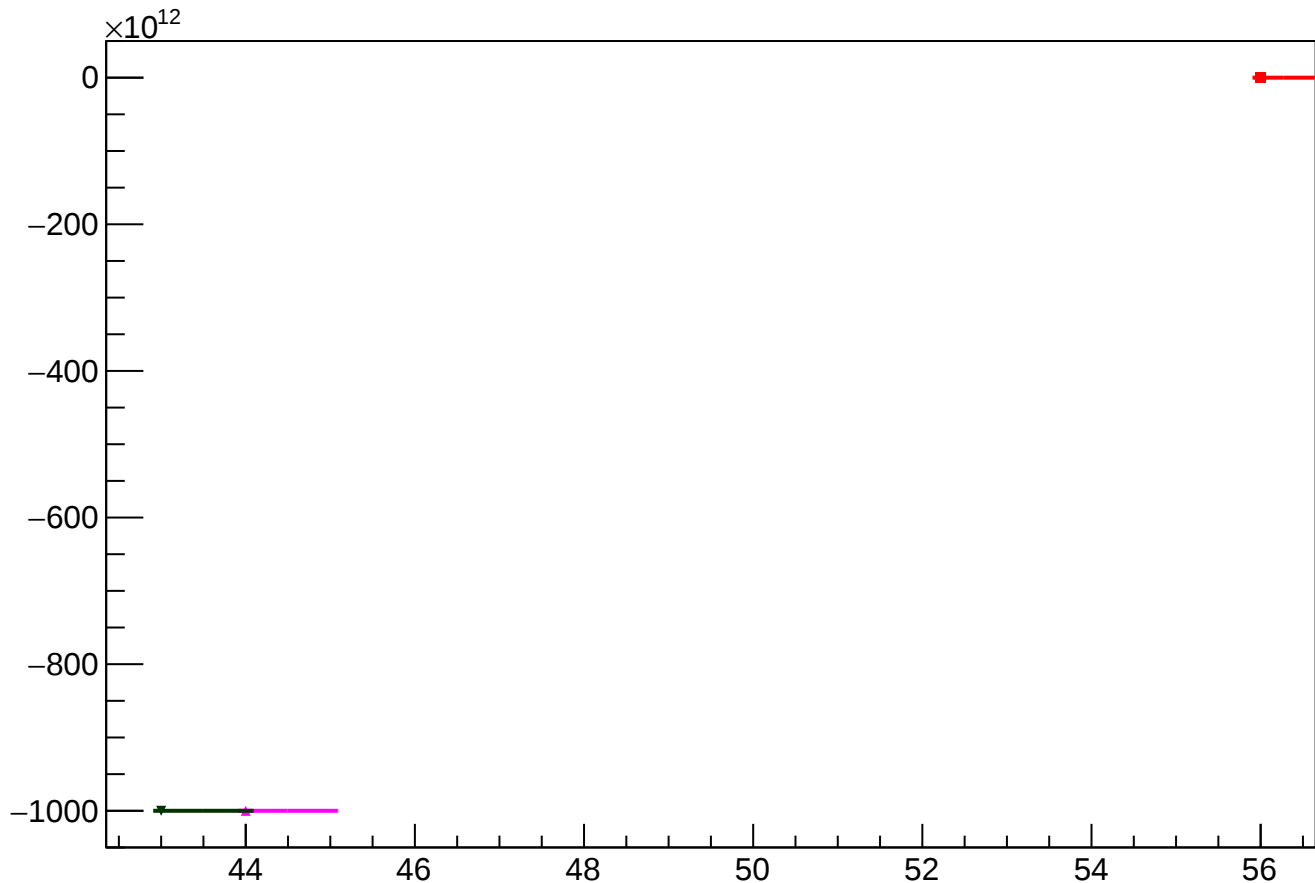
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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



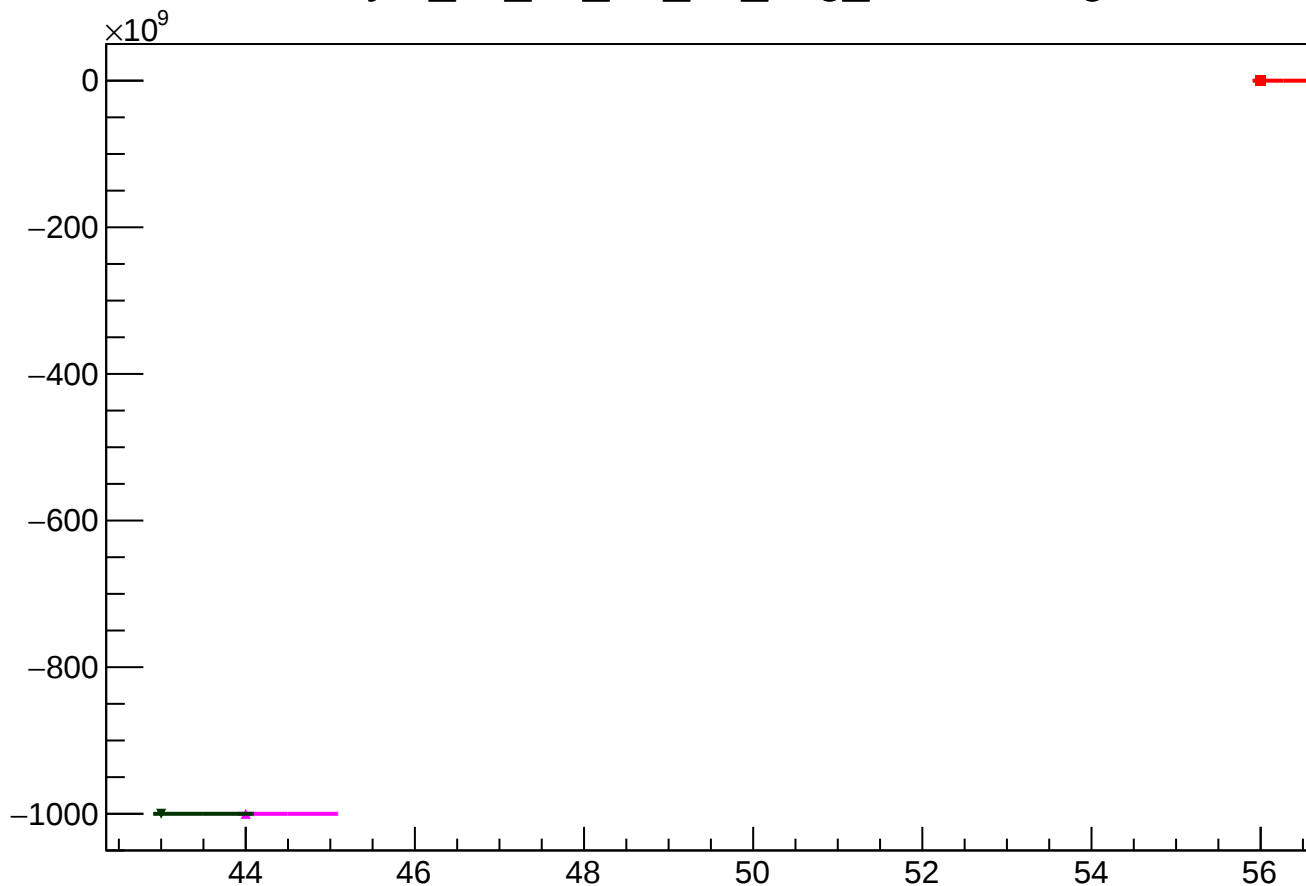
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

Right Out: -75.920 $\pm$ 1450.832 χ^2 /NDF: 0.0/0

Left In: -1000000000000000.125 $\pm$ 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

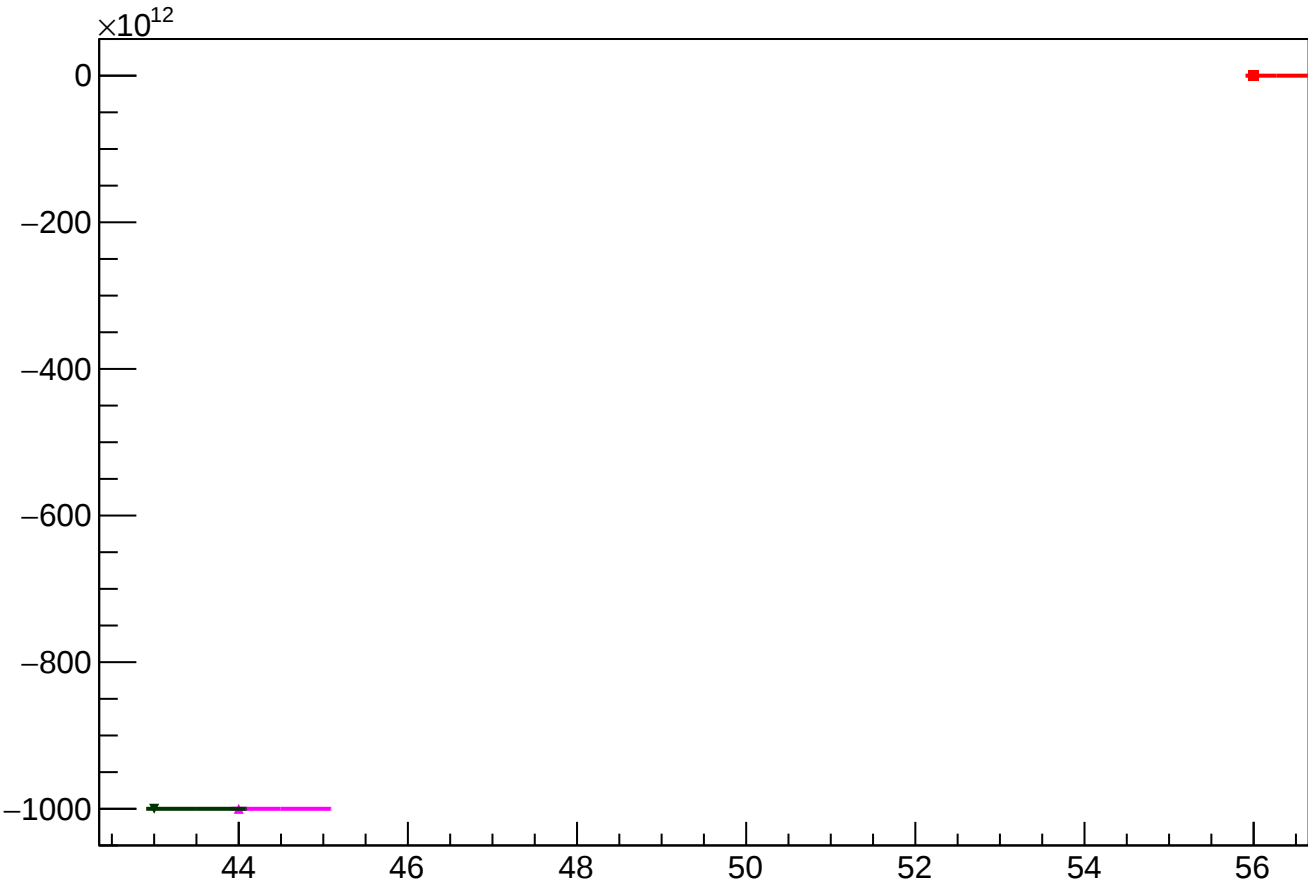
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

-999999999716.831+/-0.000 χ^2/NDF : 9501578

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs slug



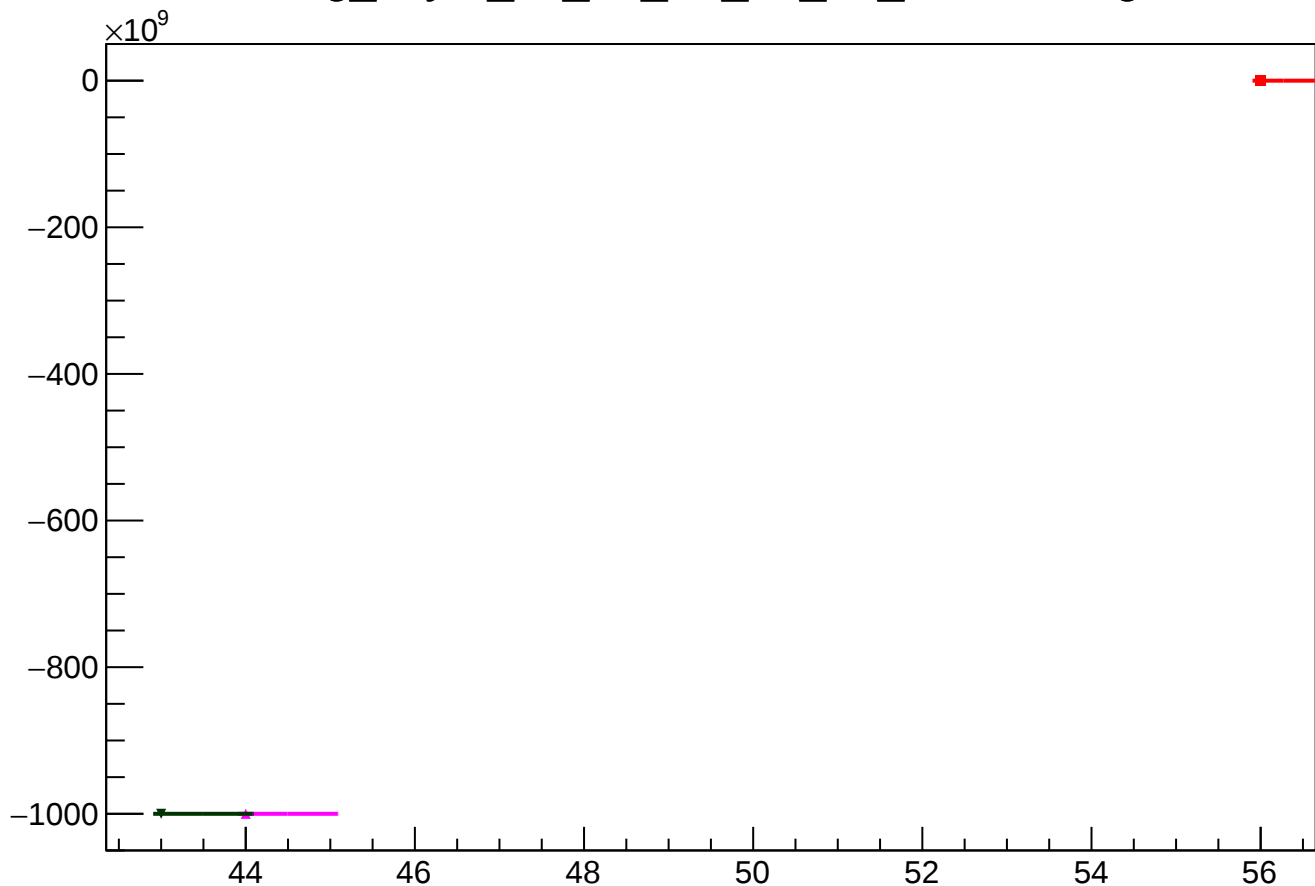
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

Right Out: 1378.277+/-1463.134 χ^2/NDF : 0.0/0

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

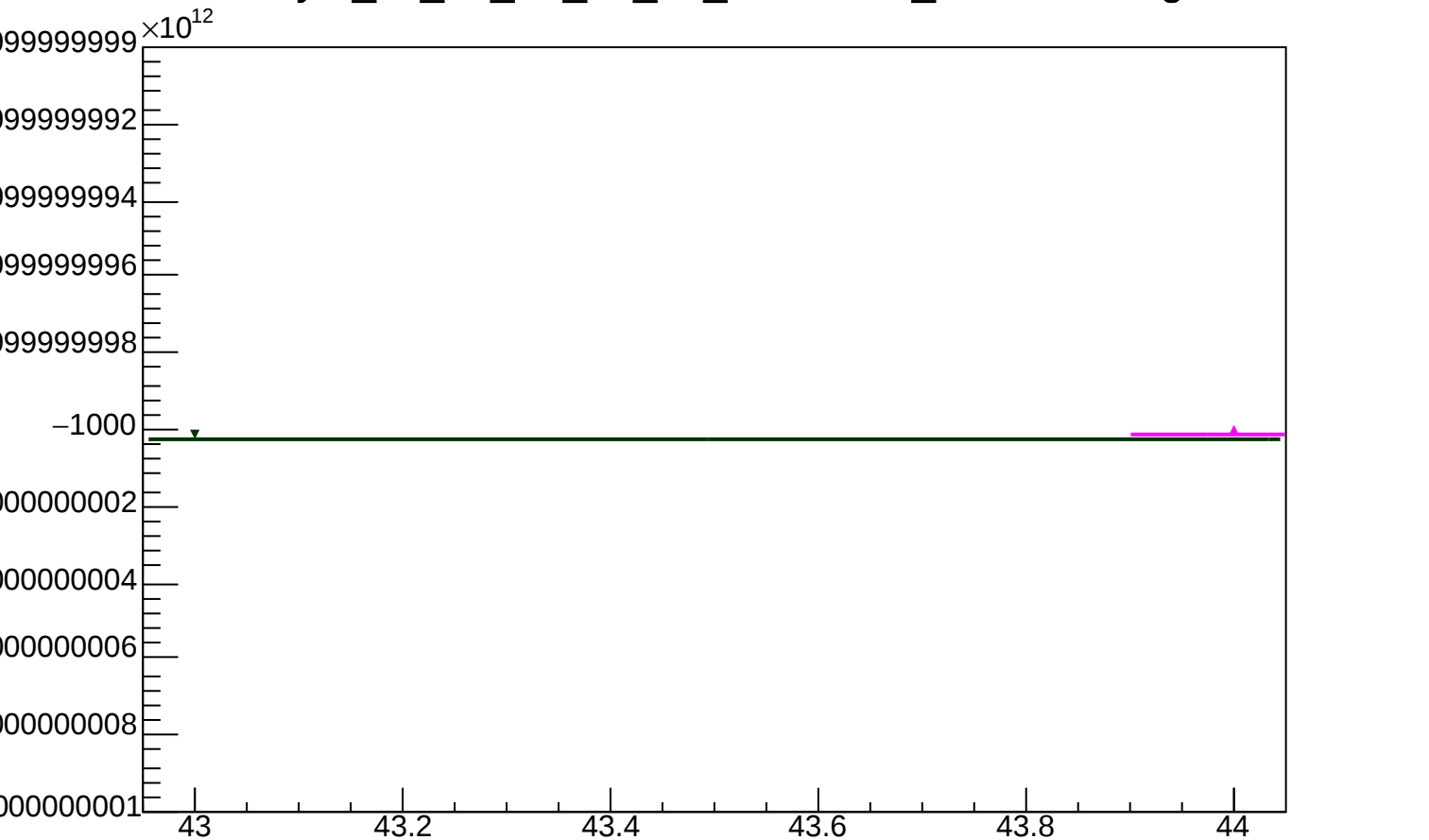
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

-999999999721.573+/-0.000 χ^2/NDF : 9342465

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_mean vs slug



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

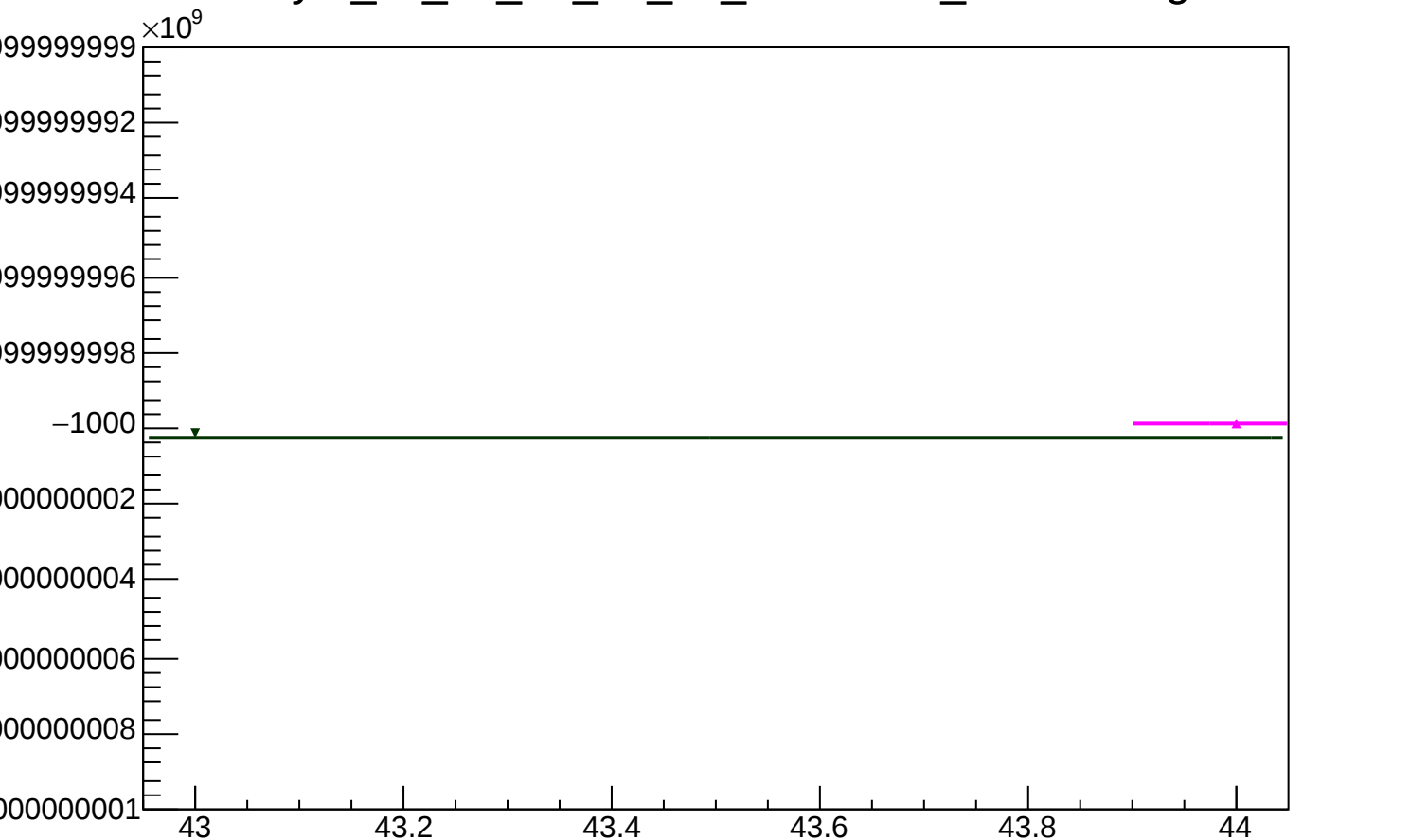
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

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

Right Cut: 0.00017/-0.000 χ^2 /NDF: 0.0/0
Left In: -1000000000000000.125+/-0.140 χ^2 /NDF:0.8/0

Left In: -1000000000000000.125+/-0.140 χ^2/NDF :0.8/0

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

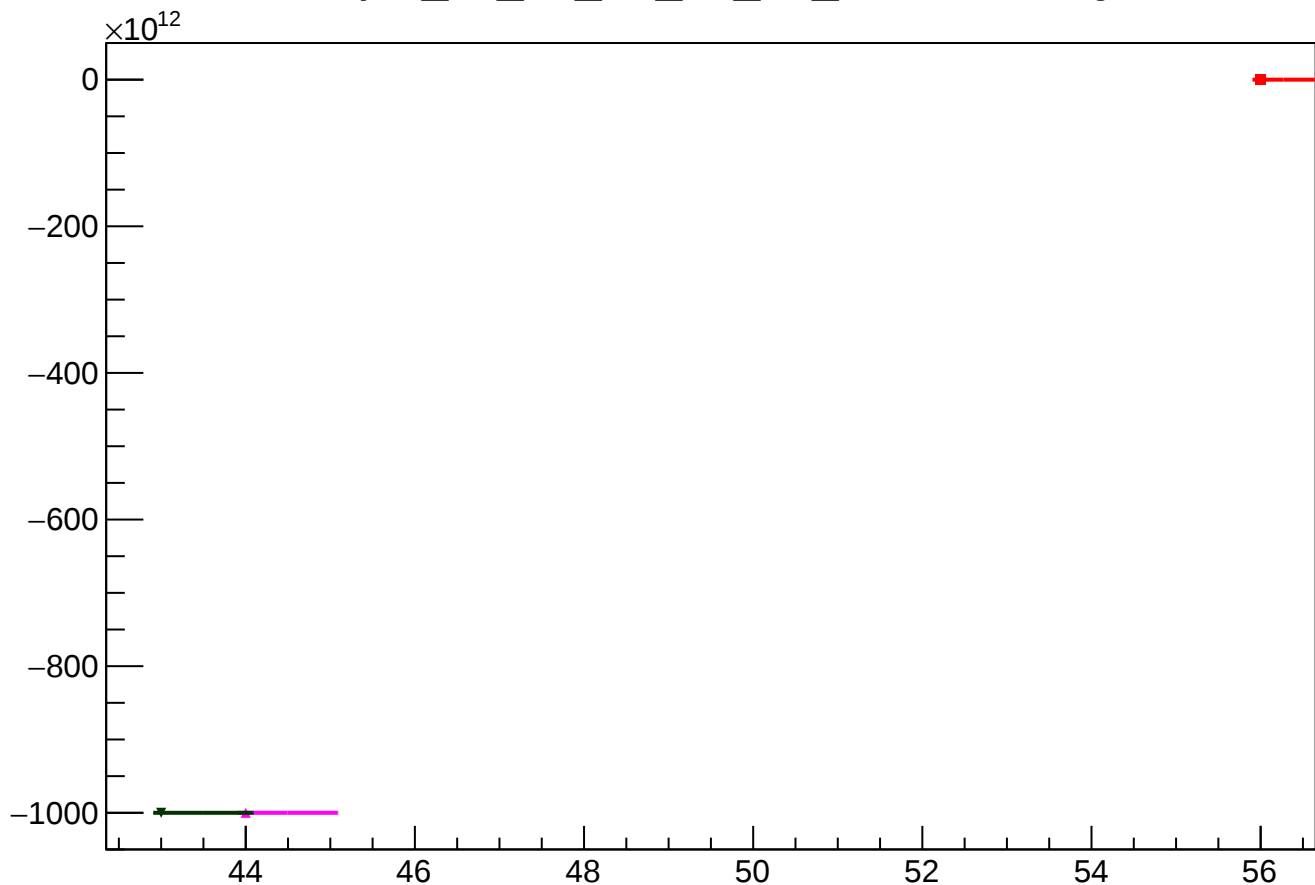
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



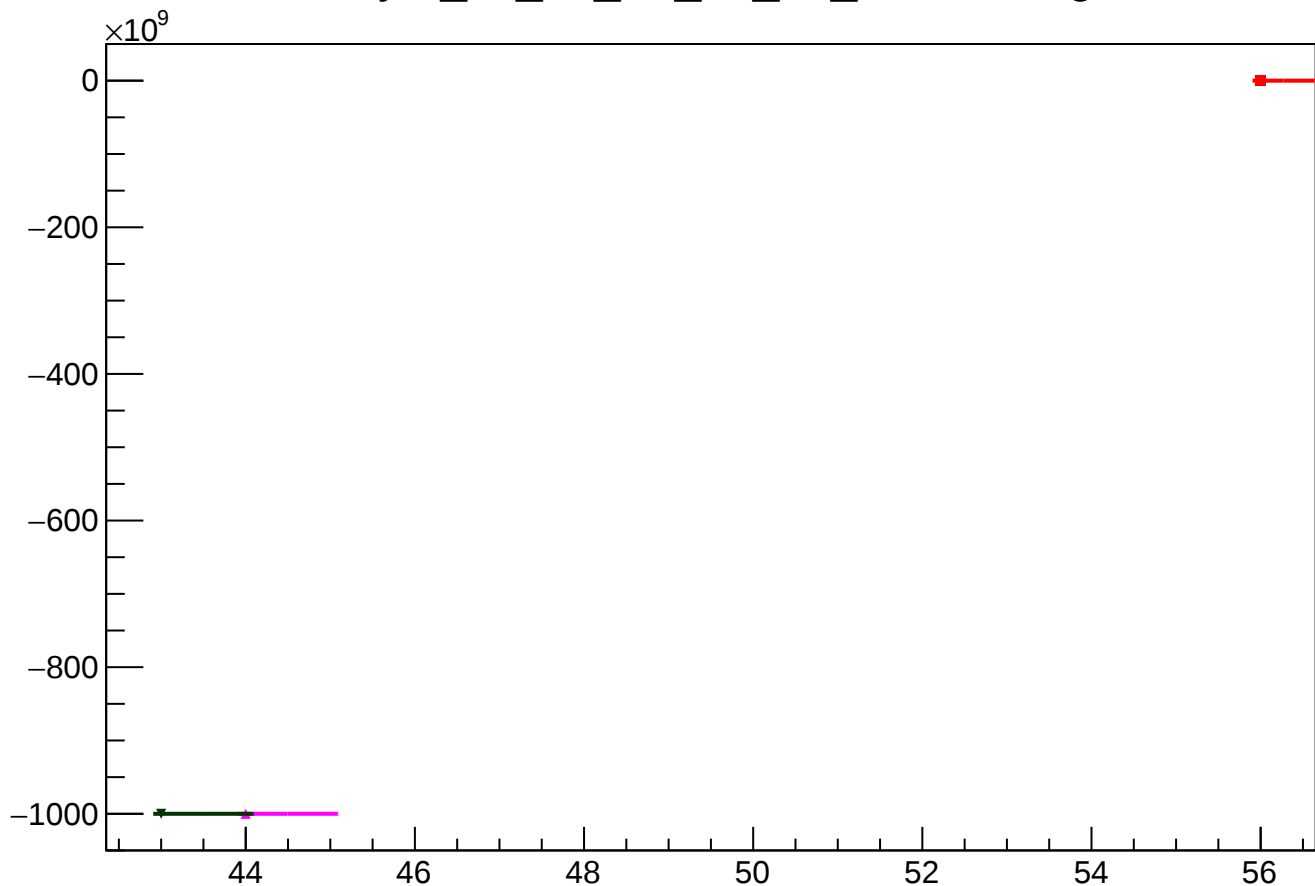
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

Right Out: 1378.277 $\pm$ 1463.134 χ^2 /NDF: 0.0/0

Left In: -1000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

asym_atl_dd_atr_dd_dd_rms vs slug



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

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

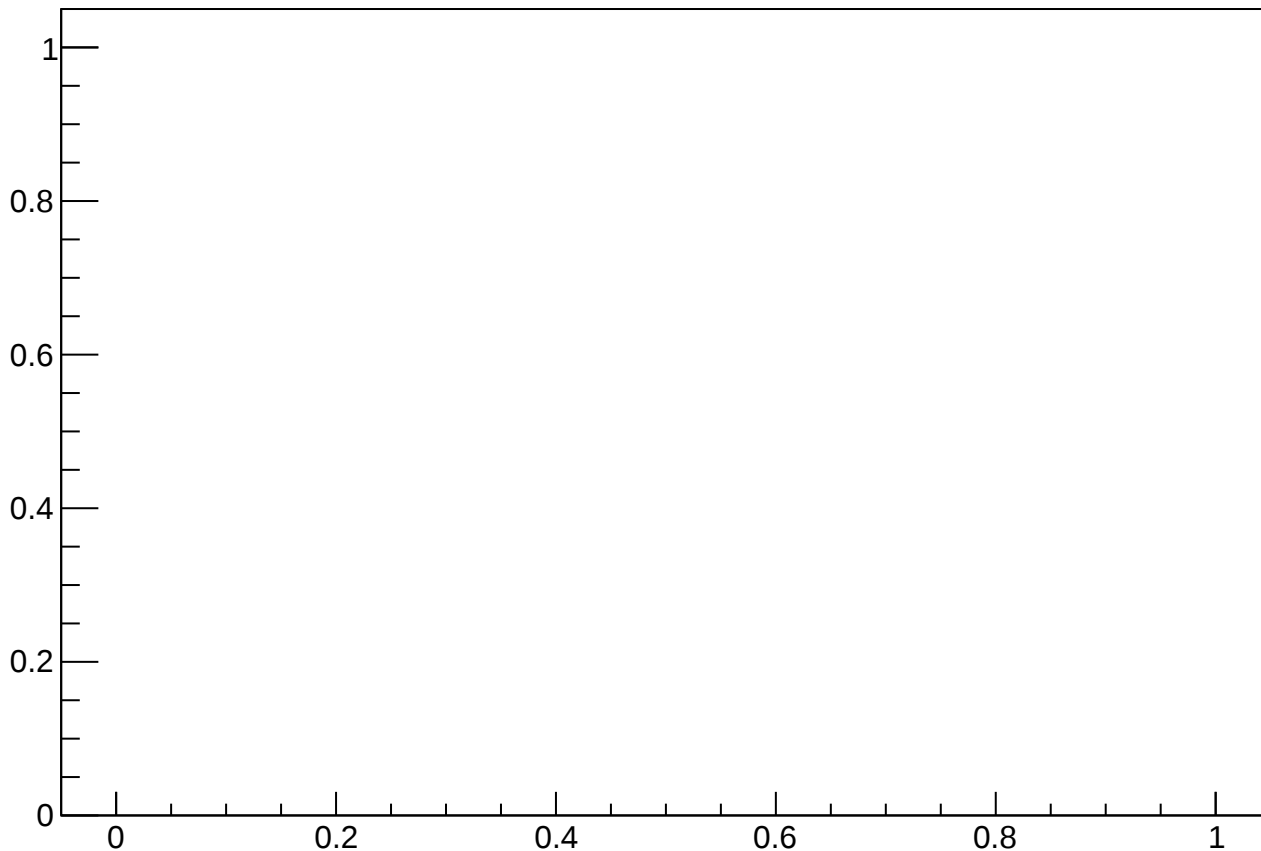
-1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

-999999999721.573+/-0.000 χ^2/NDF : 9342465

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



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

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

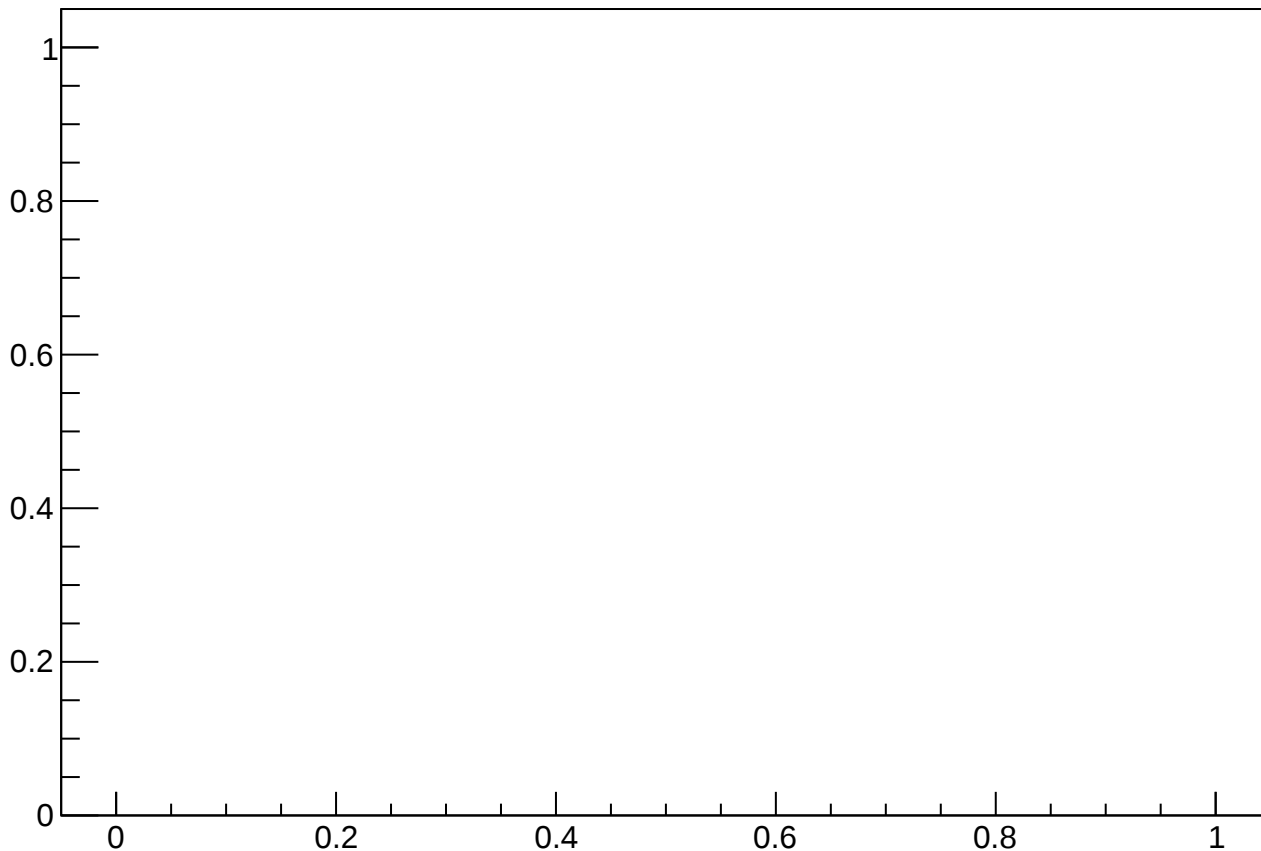
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



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

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

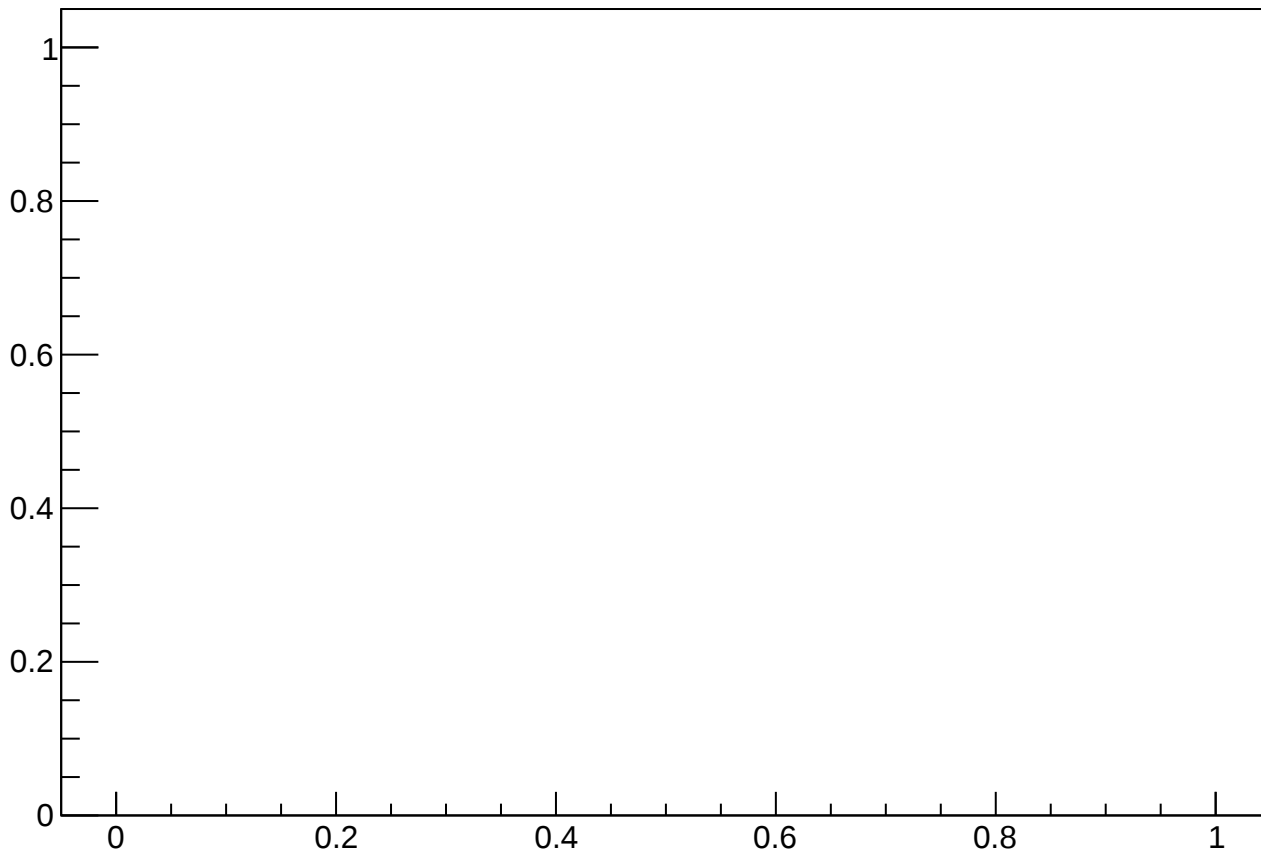
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



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

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

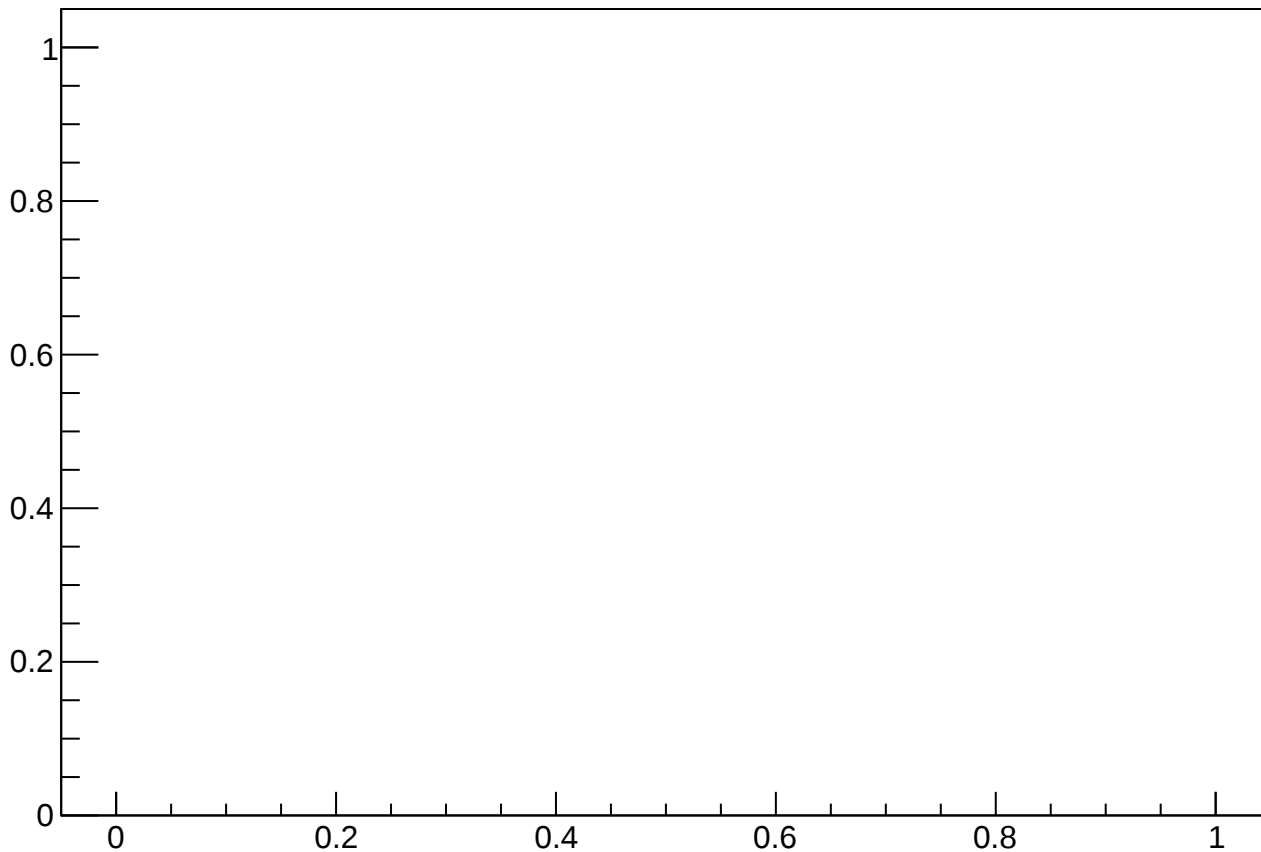
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



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

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

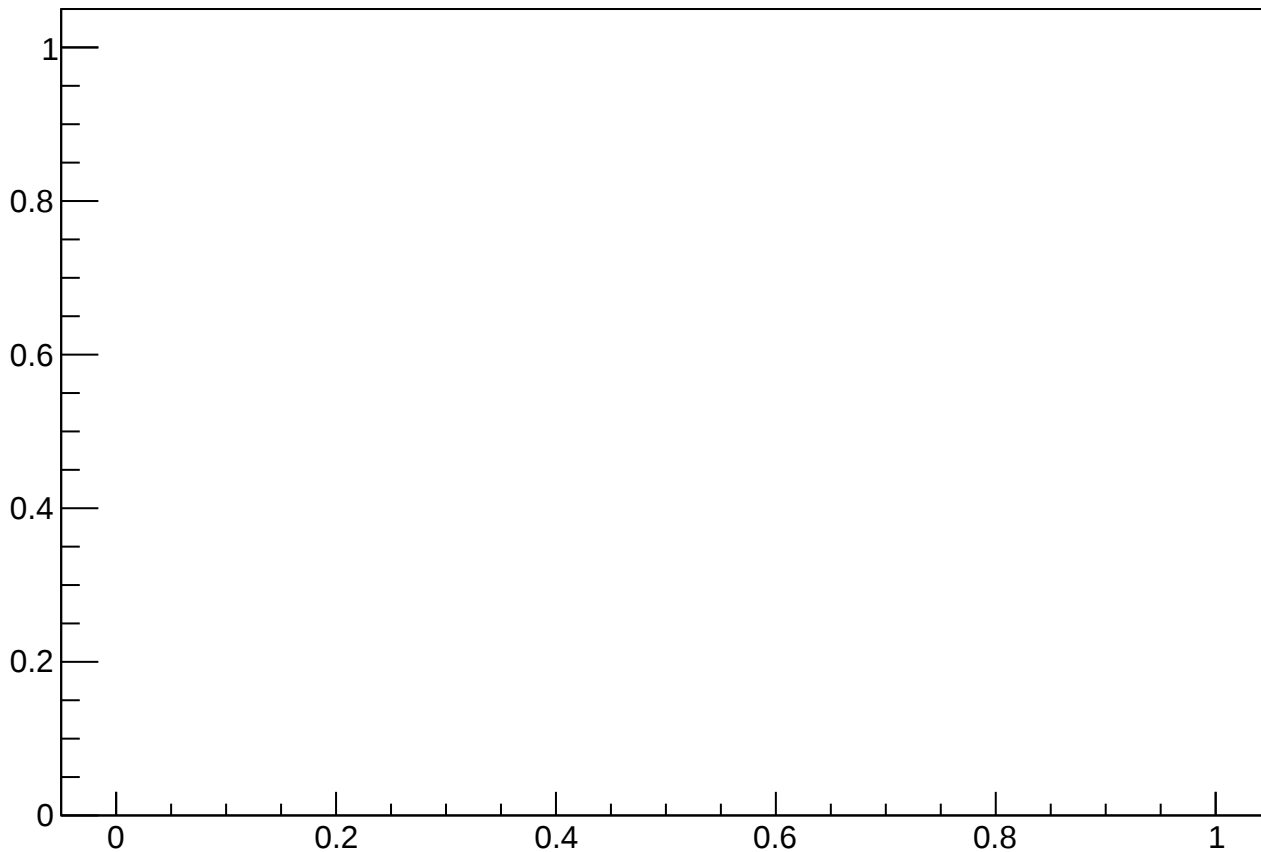
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



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

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

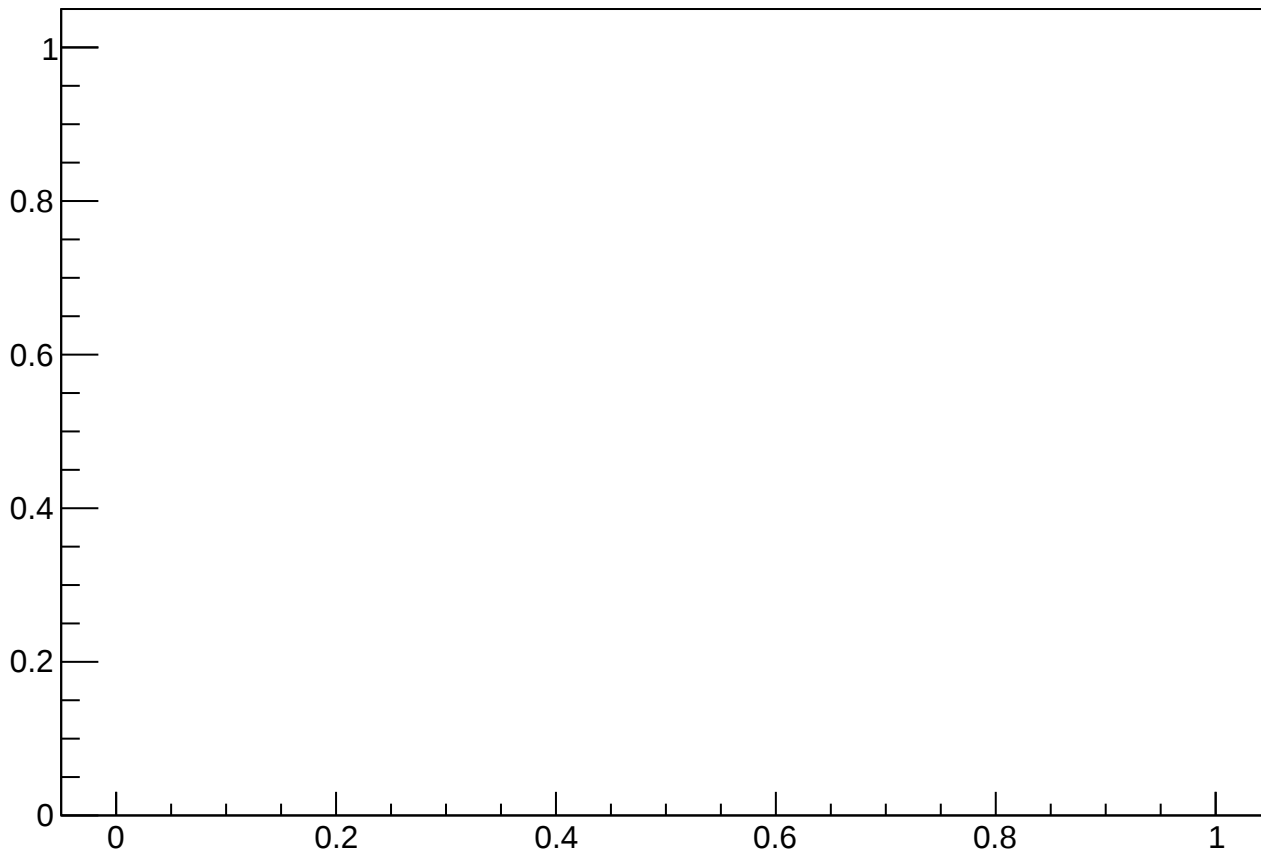
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



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

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

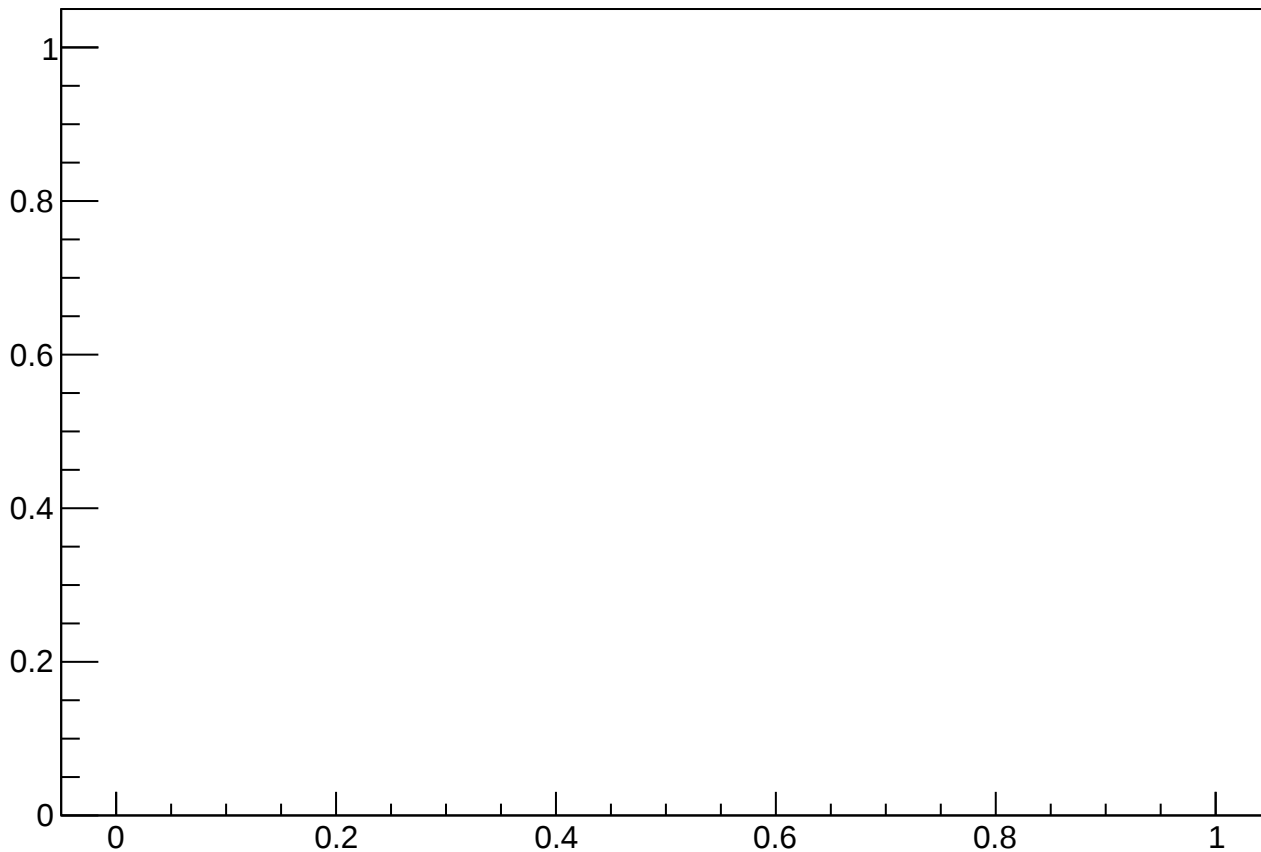
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



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

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

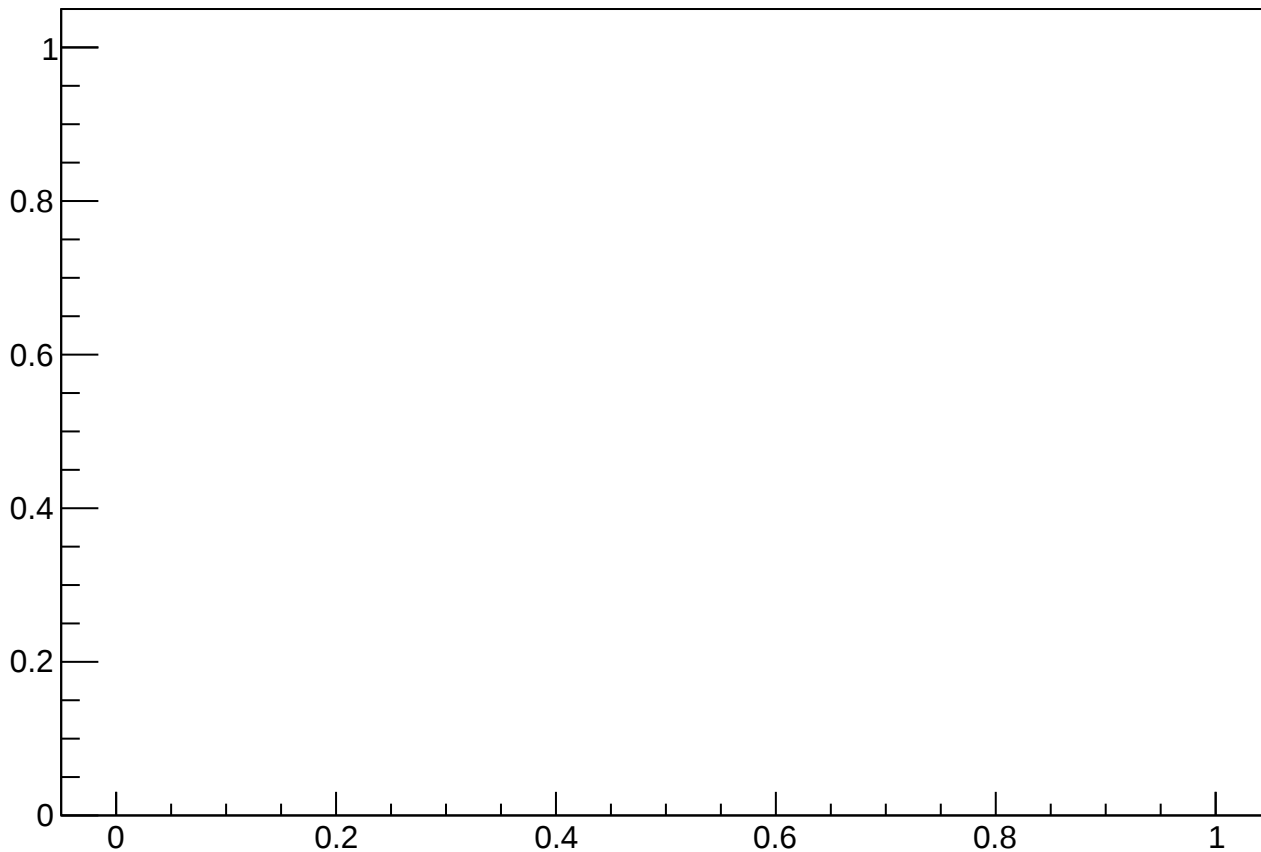
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



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

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

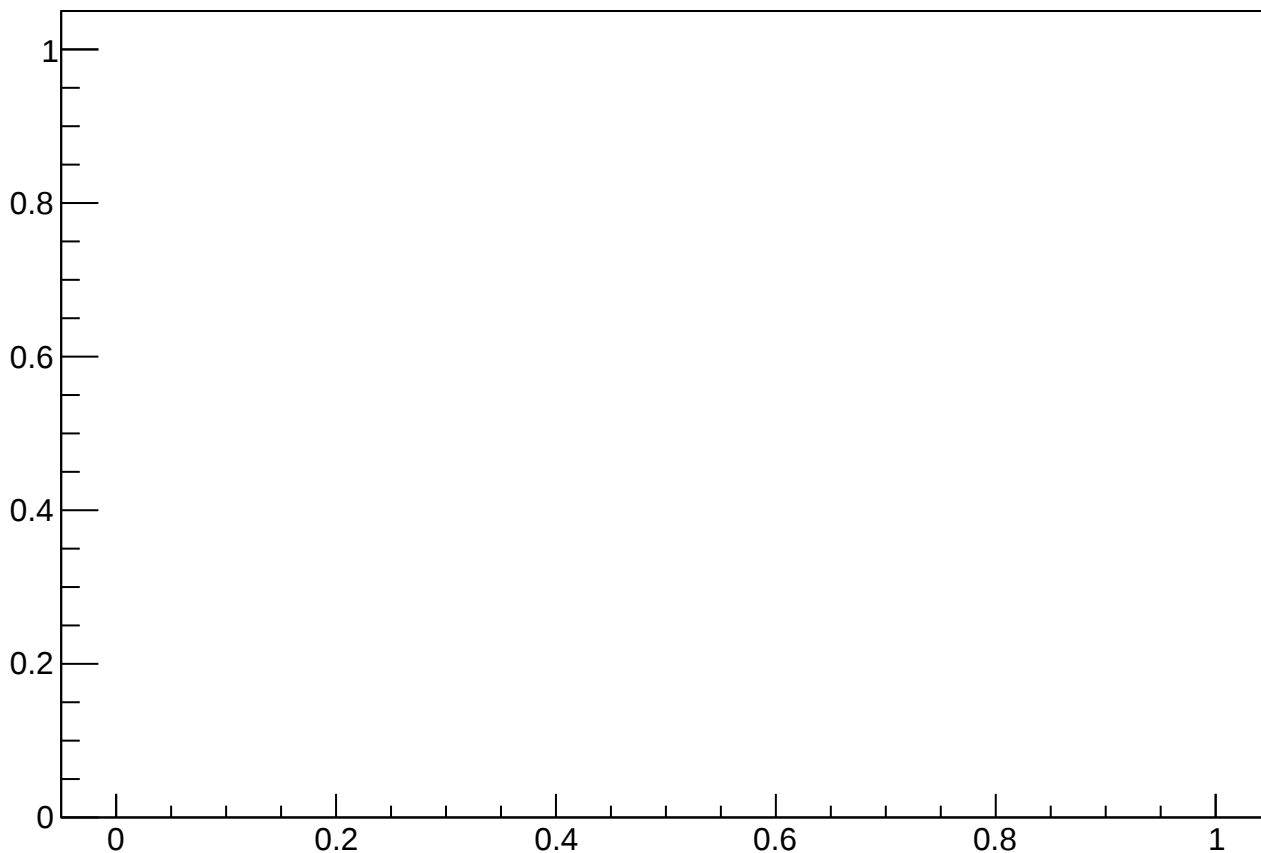
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



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

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

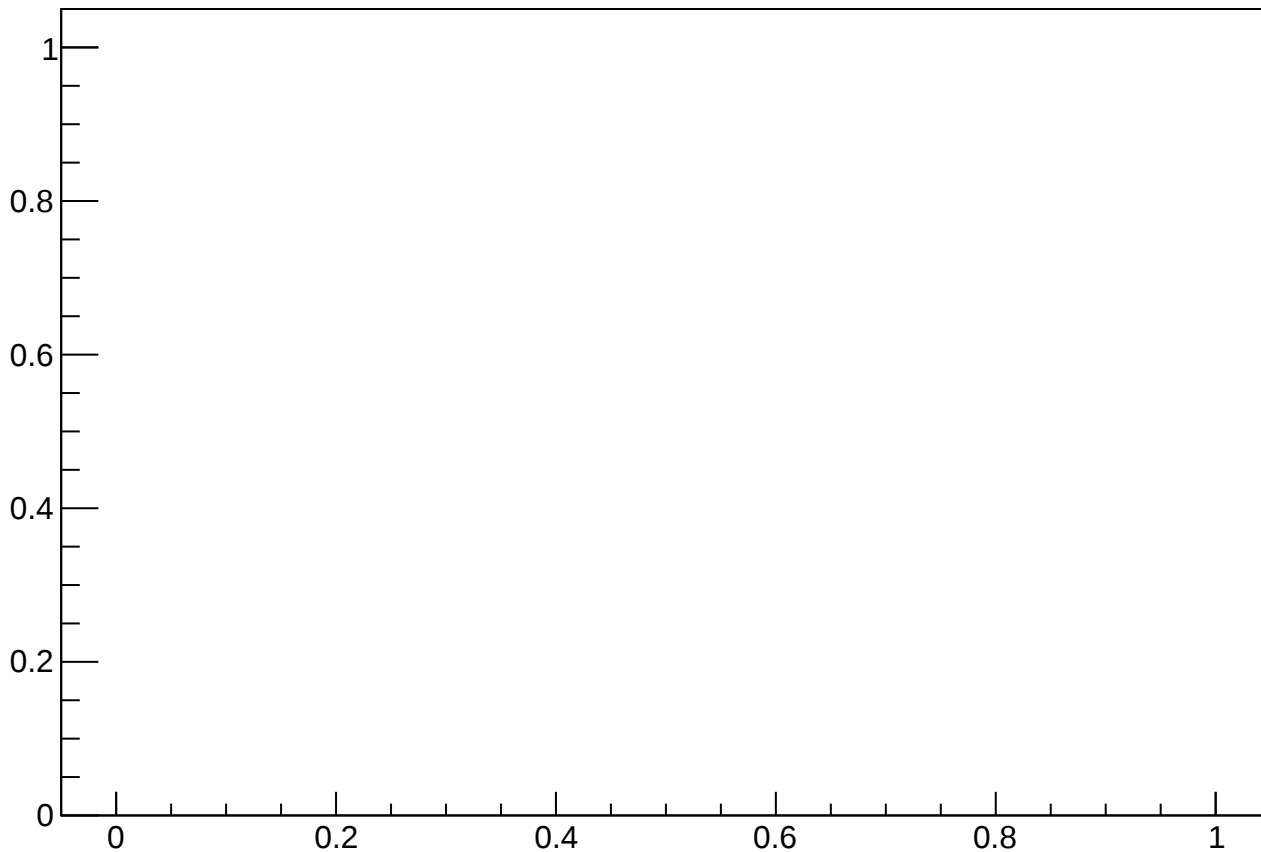
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0