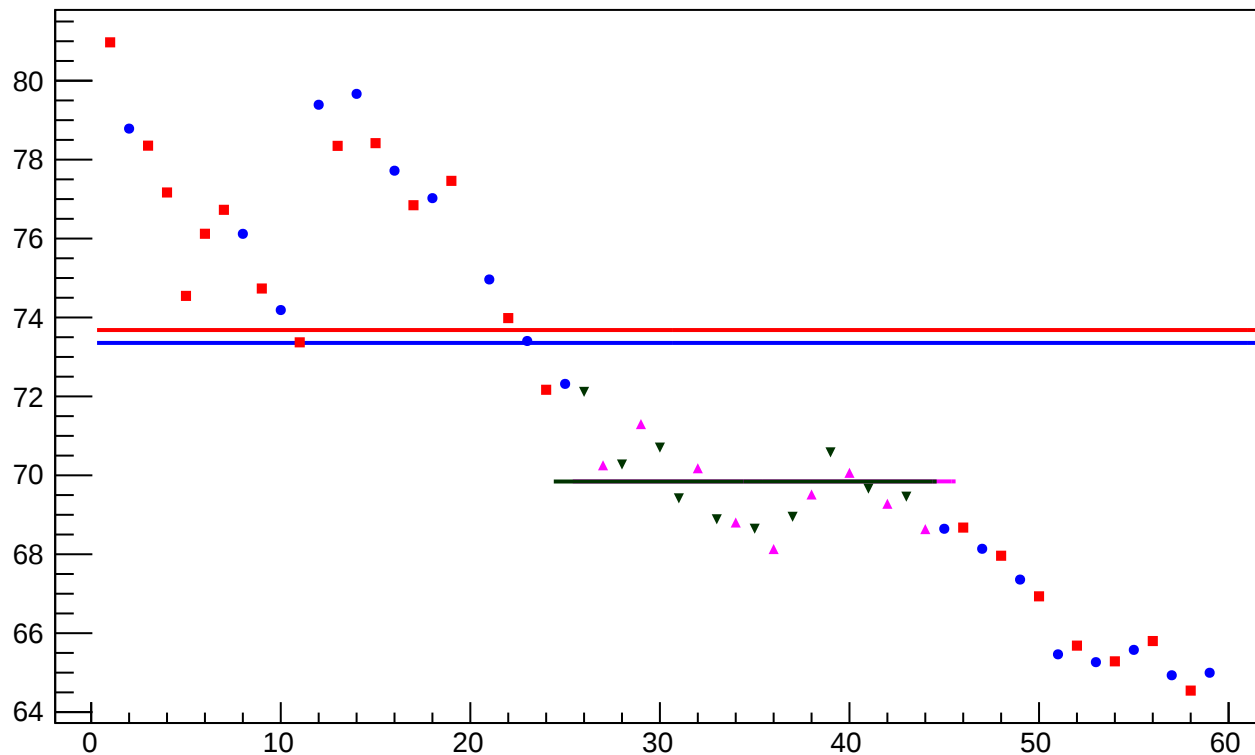


yield_usl_mean vs slug



Right In: 73.355+/-0.000

χ^2/NDF : 14380987675.9/17

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 73.682+/-0.000

χ^2/NDF : 9535699790.1/20

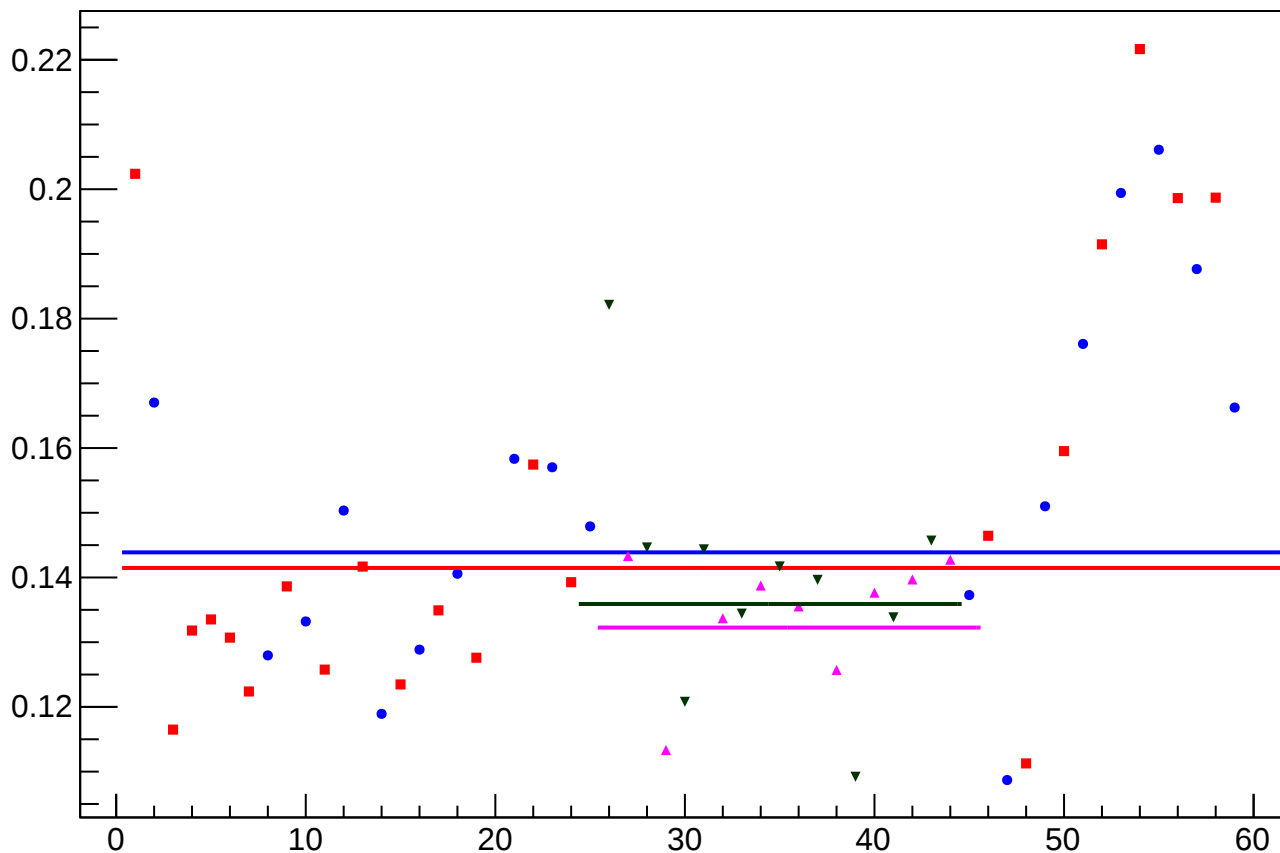
72.165+/-0.000

χ^2/NDF : 29302702962.1/57

Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

yield_usl_rms vs slug



Right In: 0.144+/-0.000 χ^2/NDF : 561868.6/17

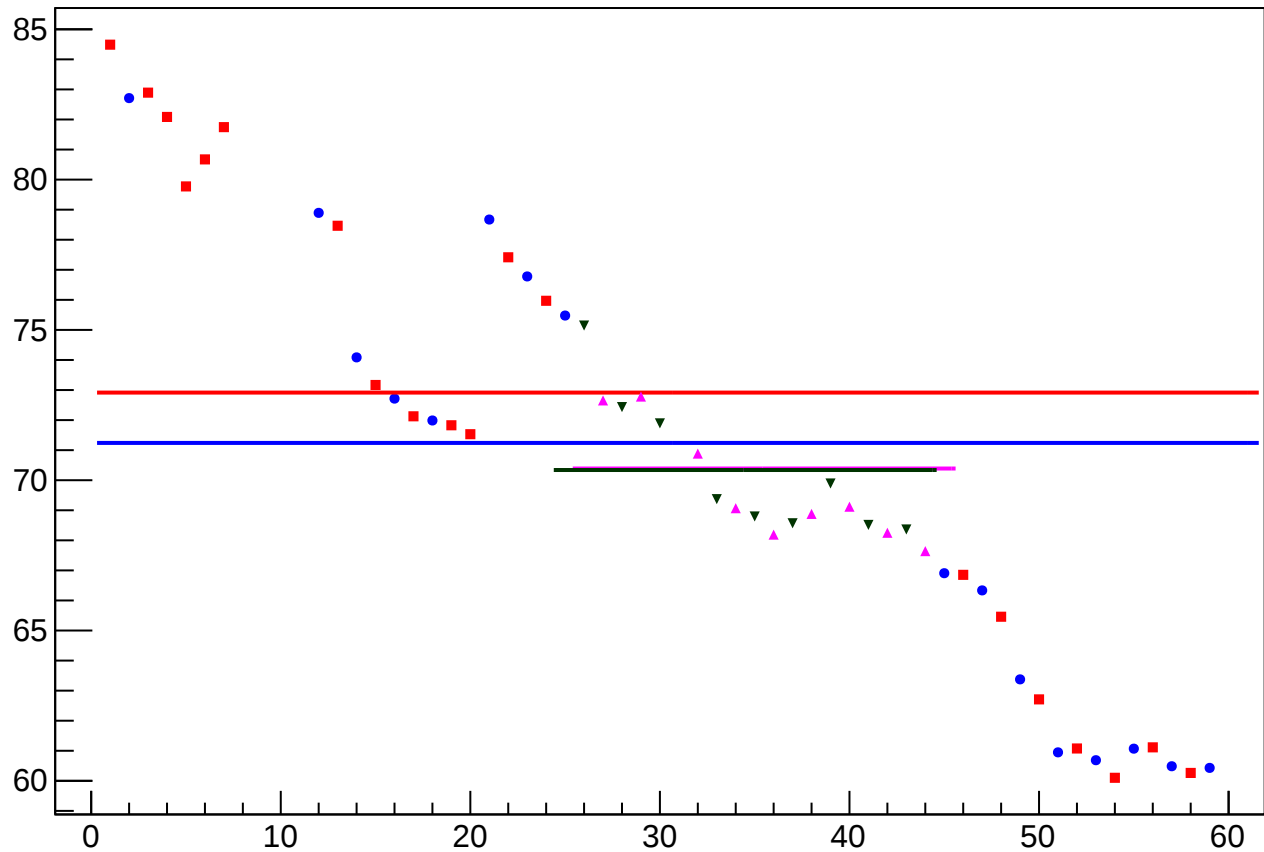
Left Out: 0.136+/-0.000 χ^2/NDF : 142040.9/9

Right Out: 0.141+/-0.000 χ^2/NDF : 661336.5/20

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

0.140+/-0.000 χ^2/NDF : 1495872.9/57

yield_usr_mean vs slug



Right In: 71.241+/-0.000 χ^2 /NDF: 44688800841.7/15

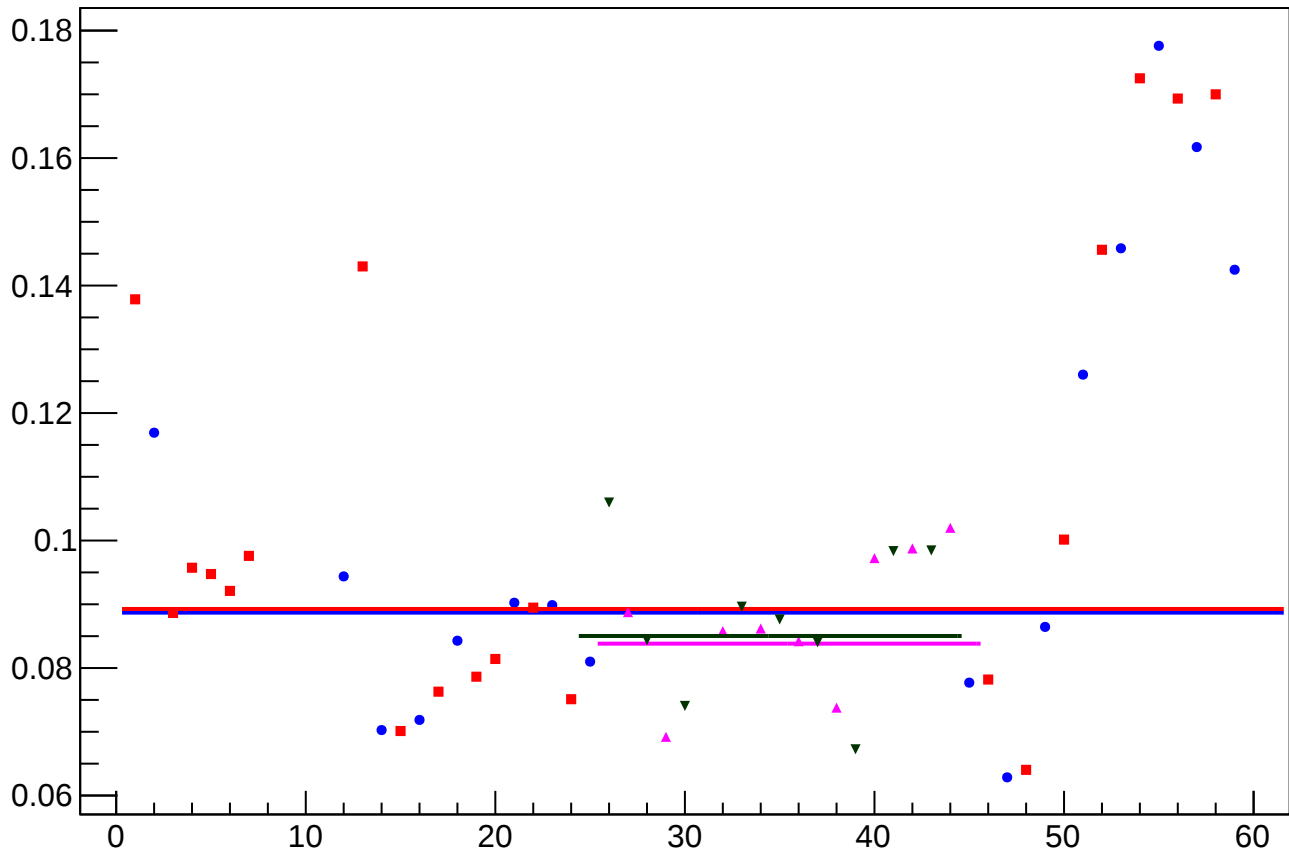
Left Out: 70.340+/-0.000 χ^2 /NDF: 2358099133.7/8

71.379+/-0.000 χ^2 /NDF: 97303545468.0/53

Right Out: 72.915+/-0.000 χ^2 /NDF: 43881773693.5/19

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

yield_usr_rms vs slug



Right In: 0.089+/-0.000 χ^2/NDF : 1340160.7/15

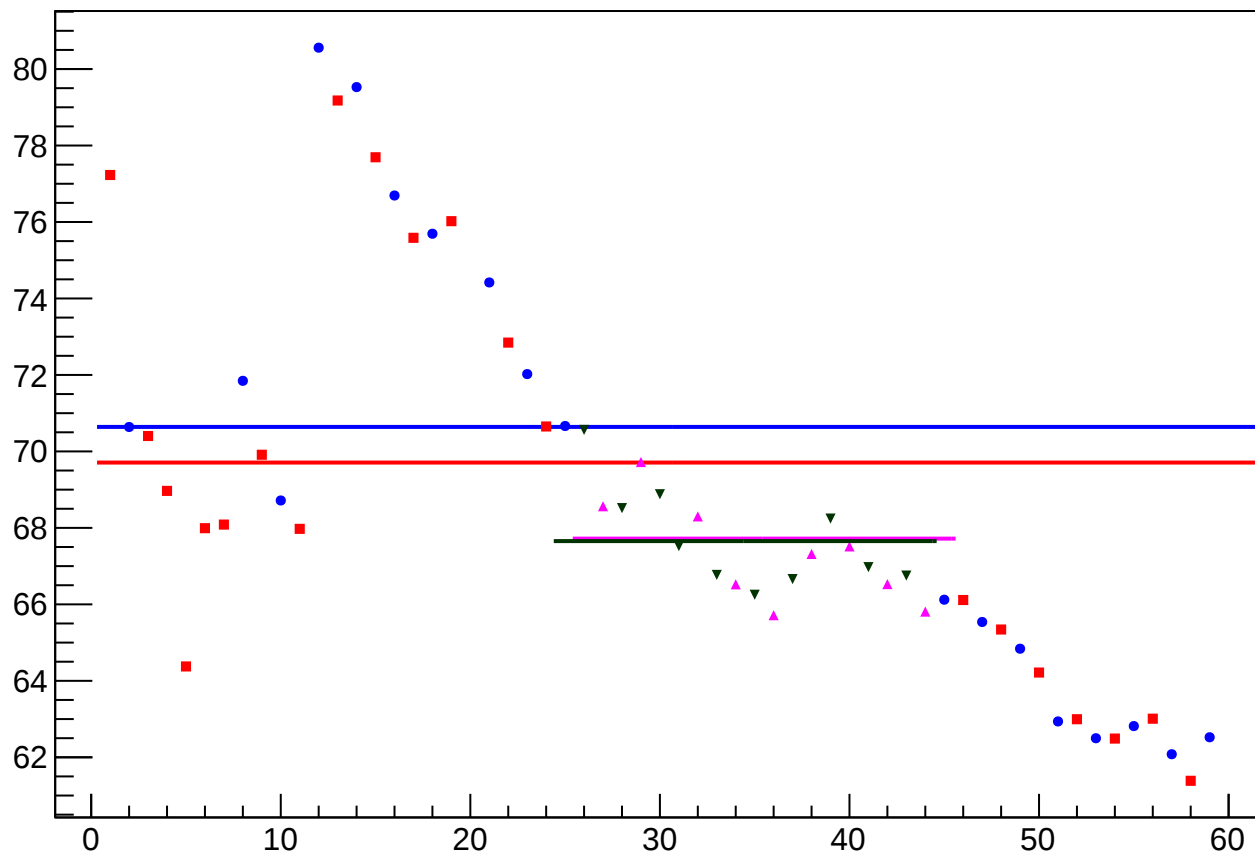
Left Out: 0.085+/-0.000 χ^2/NDF : 154523.7/8

Right Out: 0.089+/-0.000 χ^2/NDF : 1341786.7/19

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

0.087+/-0.000 χ^2/NDF : 3033875.9/53

yield_dsl_mean vs slug



Right In: 70.641+/-0.000 χ^2/NDF : 17274712131.9/17

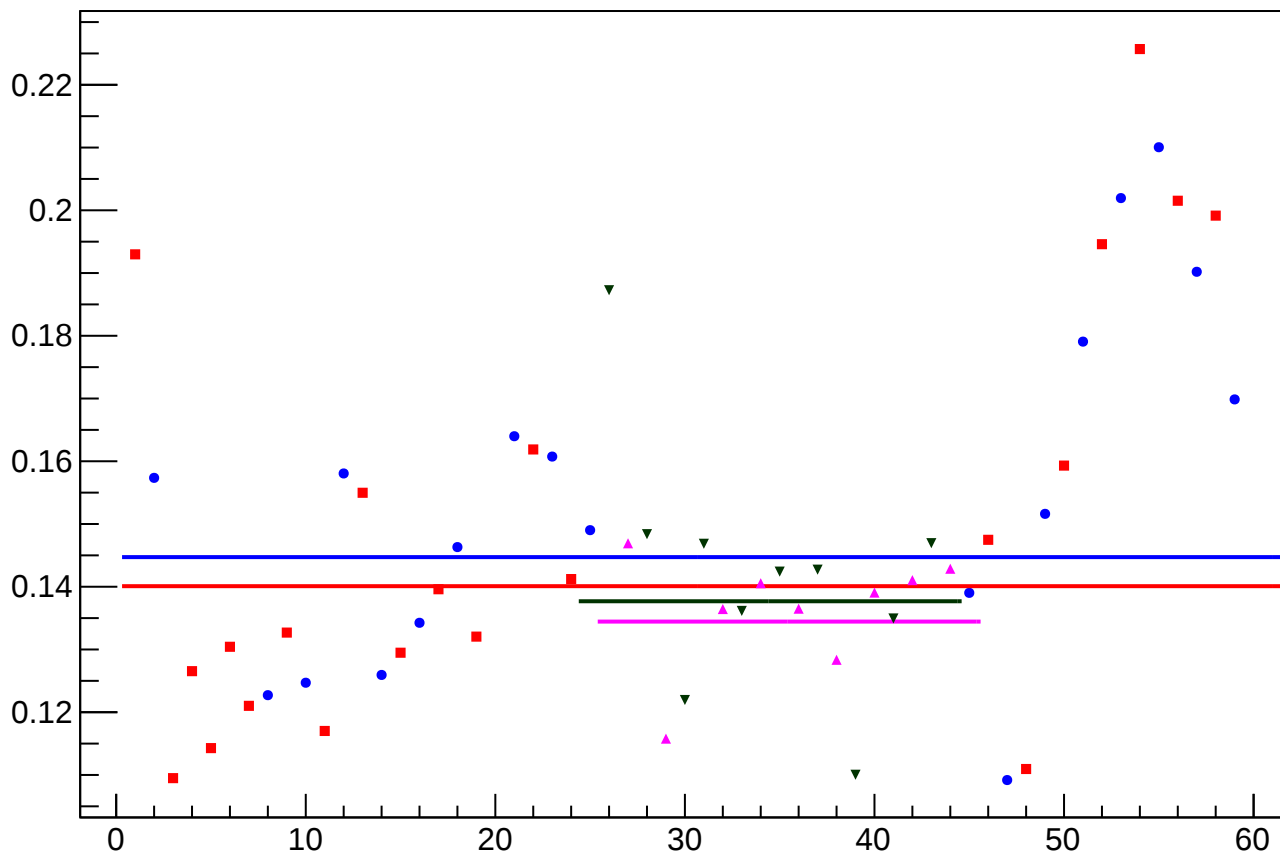
Left Out: 67.654+/-0.000 χ^2/NDF : 328545386.7/9

Right Out: 69.709+/-0.000 χ^2/NDF : 10536345356.4/20

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

69.290+/-0.000 χ^2/NDF : 31120767942.8/57

yield_dsl_rms vs slug



Right In: 0.145+/-0.000 χ^2/NDF : 581608.8/17

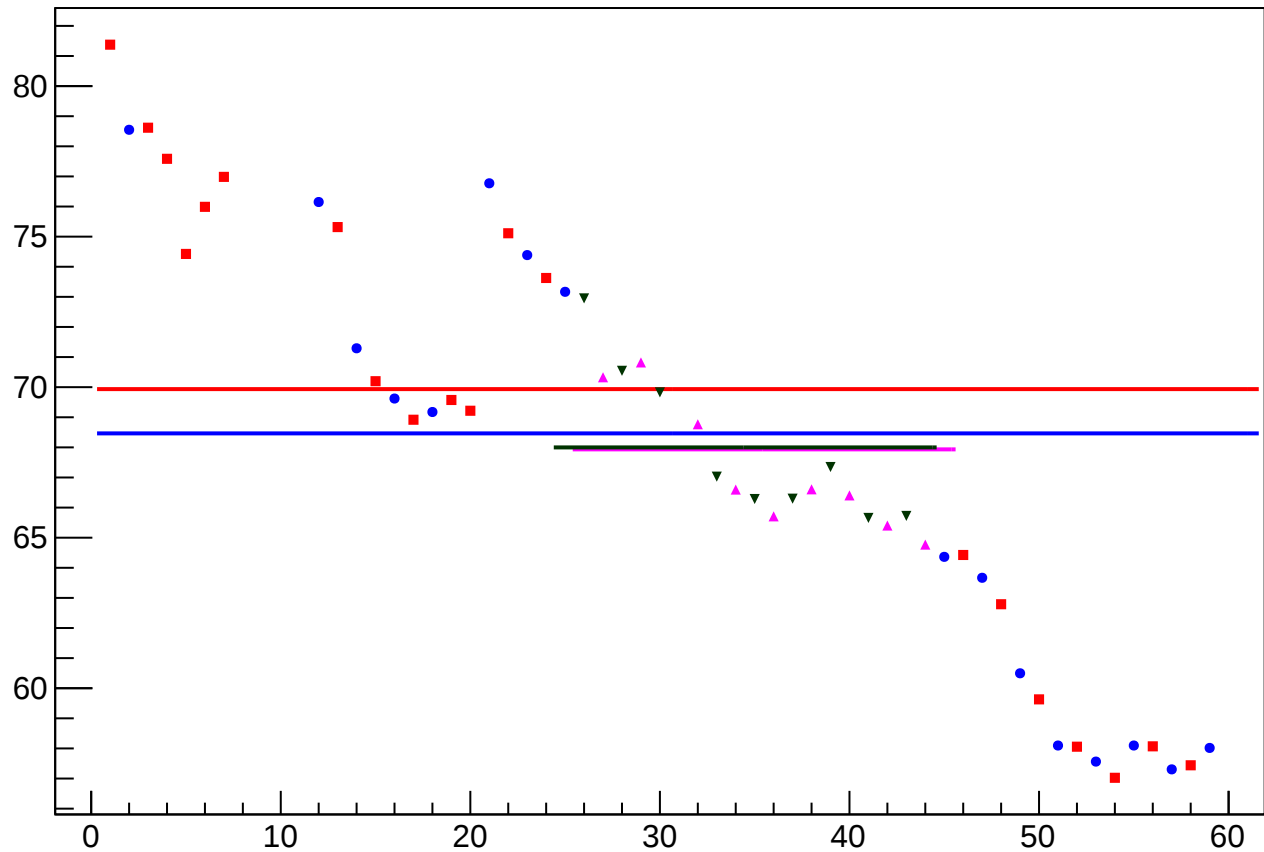
Left Out: 0.138+/-0.000 χ^2/NDF : 153493.7/9

Right Out: 0.140+/-0.000 χ^2/NDF : 741515.2/20

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

0.140+/-0.000 χ^2/NDF : 1583881.6/57

yield_dsr_mean vs slug



Right In: 68.465+/-0.000 χ^2 /NDF: 48191326529.6/15

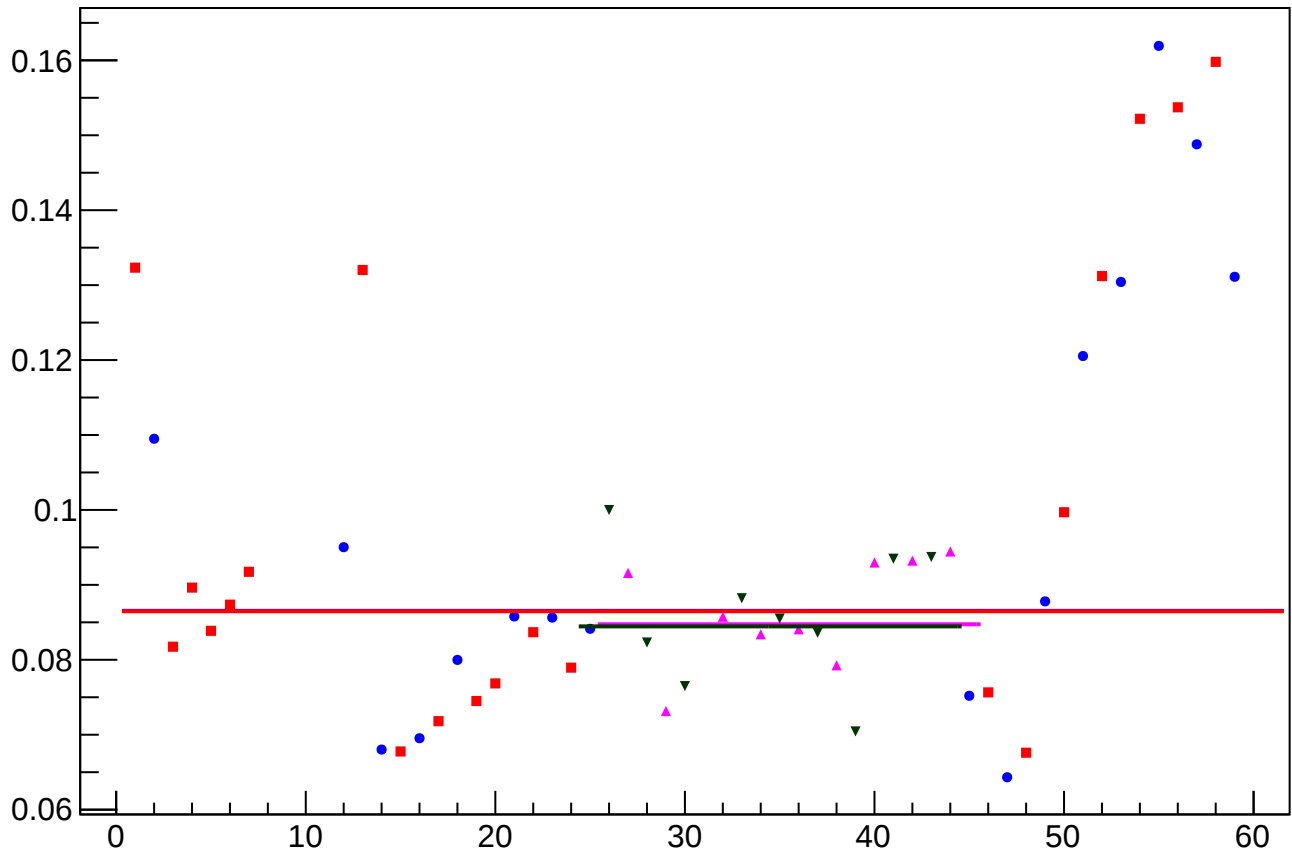
Left Out: 67.999+/-0.000 χ^2 /NDF:3088835100.9/8

68.714+/-0.000 χ^2 /NDF: 100227248584.2/53

Right Out: 69.935+/-0.000 χ^2 /NDF: 43200916111.8/19

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

yield_dsr_rms vs slug



Right In: 0.087 ± 0.000 χ^2/NDF : 1151522.6/15

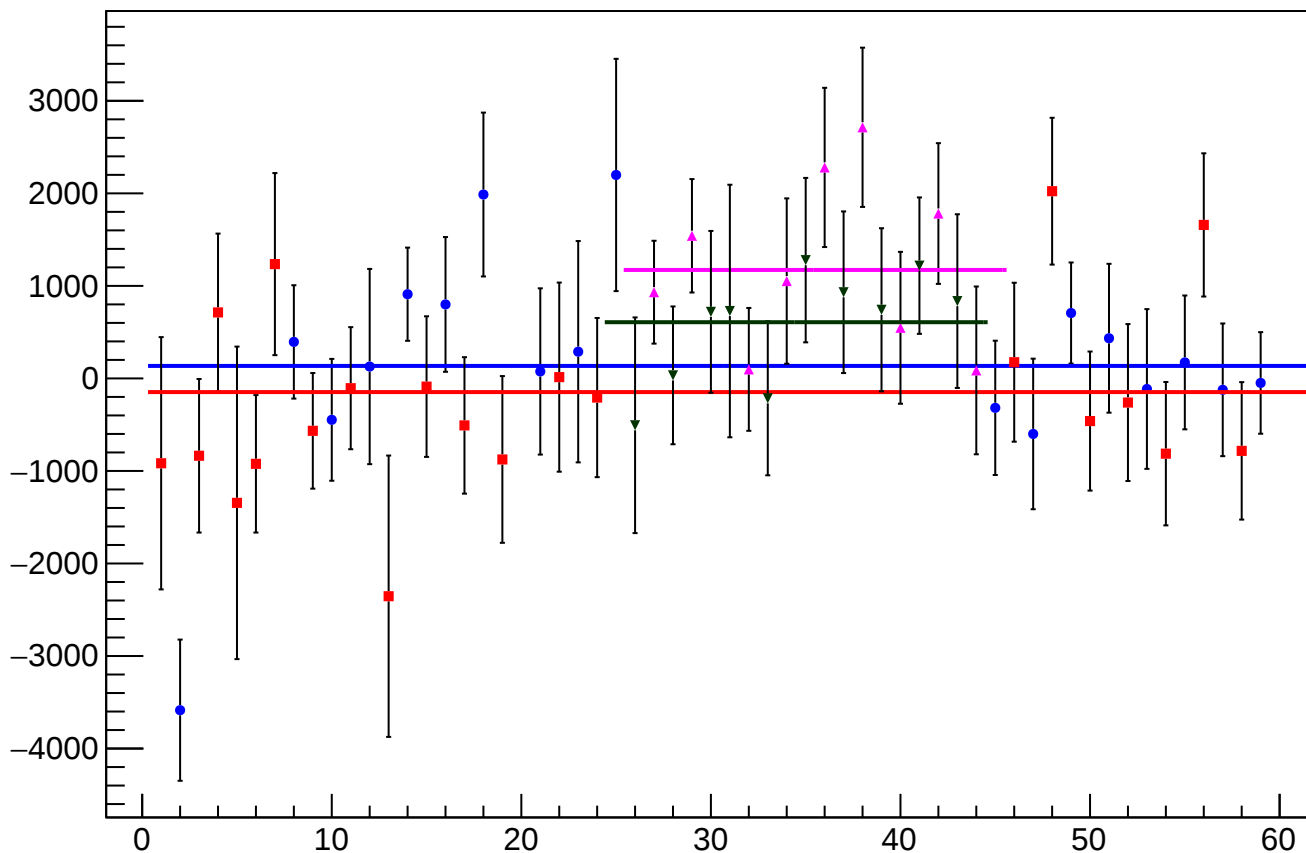
Left Out: 0.084 ± 0.000 χ^2/NDF : 86764.0/8

0.086 ± 0.000 χ^2/NDF : 2454215.1/53

Right Out: 0.086 ± 0.000 χ^2/NDF : 1133224.2/19

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

asym_usl_mean vs slug



Right In: 135.111 ± 171.265 $\chi^2/\text{NDF}: 37.8/17$

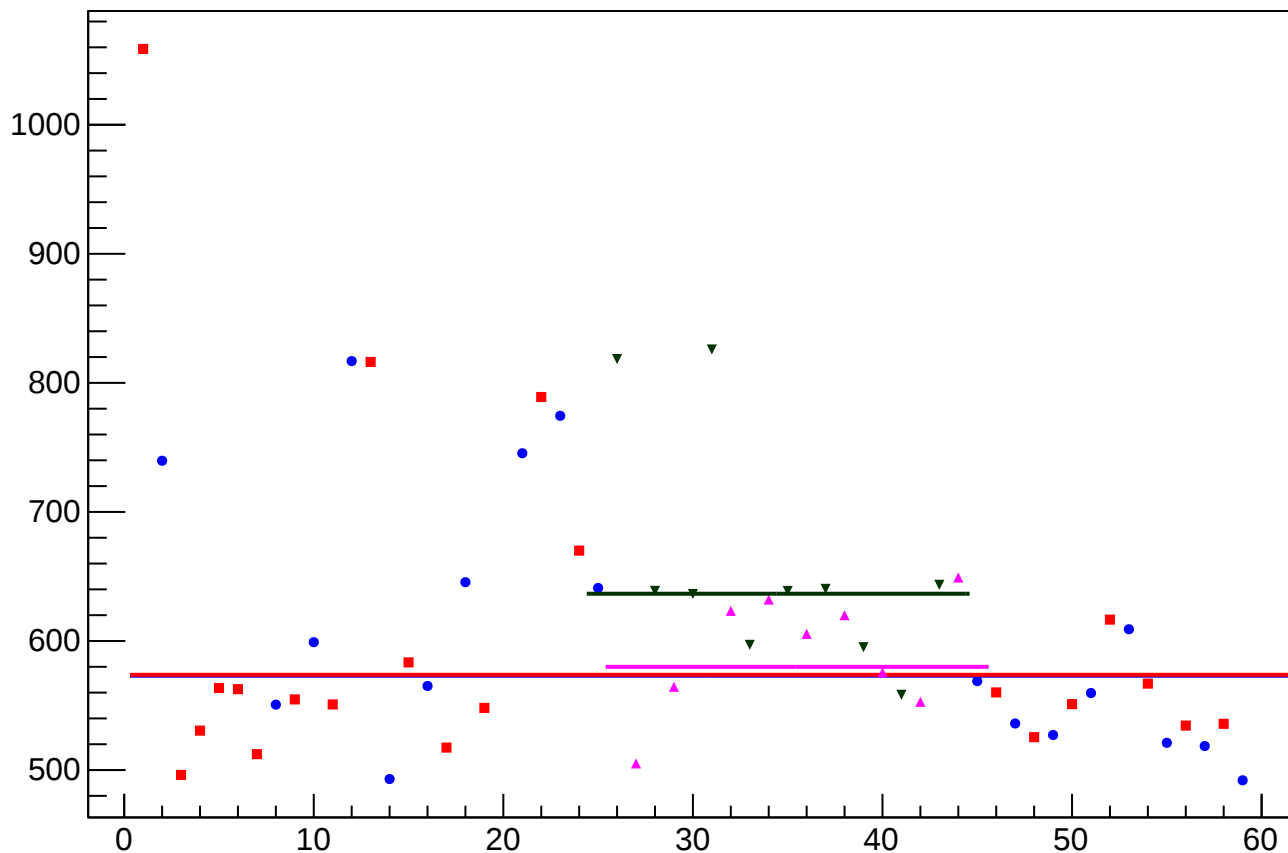
Left Out: 607.534 ± 280.959 $\chi^2/\text{NDF}: 4.0/9$

Right Out: -147.718 ± 181.905 $\chi^2/\text{NDF}: 23.8/20$

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

291.269 ± 103.398 $\chi^2/\text{NDF}: 97.1/57$

asym_usl_rms vs slug



Right In: 573.091+/-0.121 χ^2/NDF : 496134.4/17

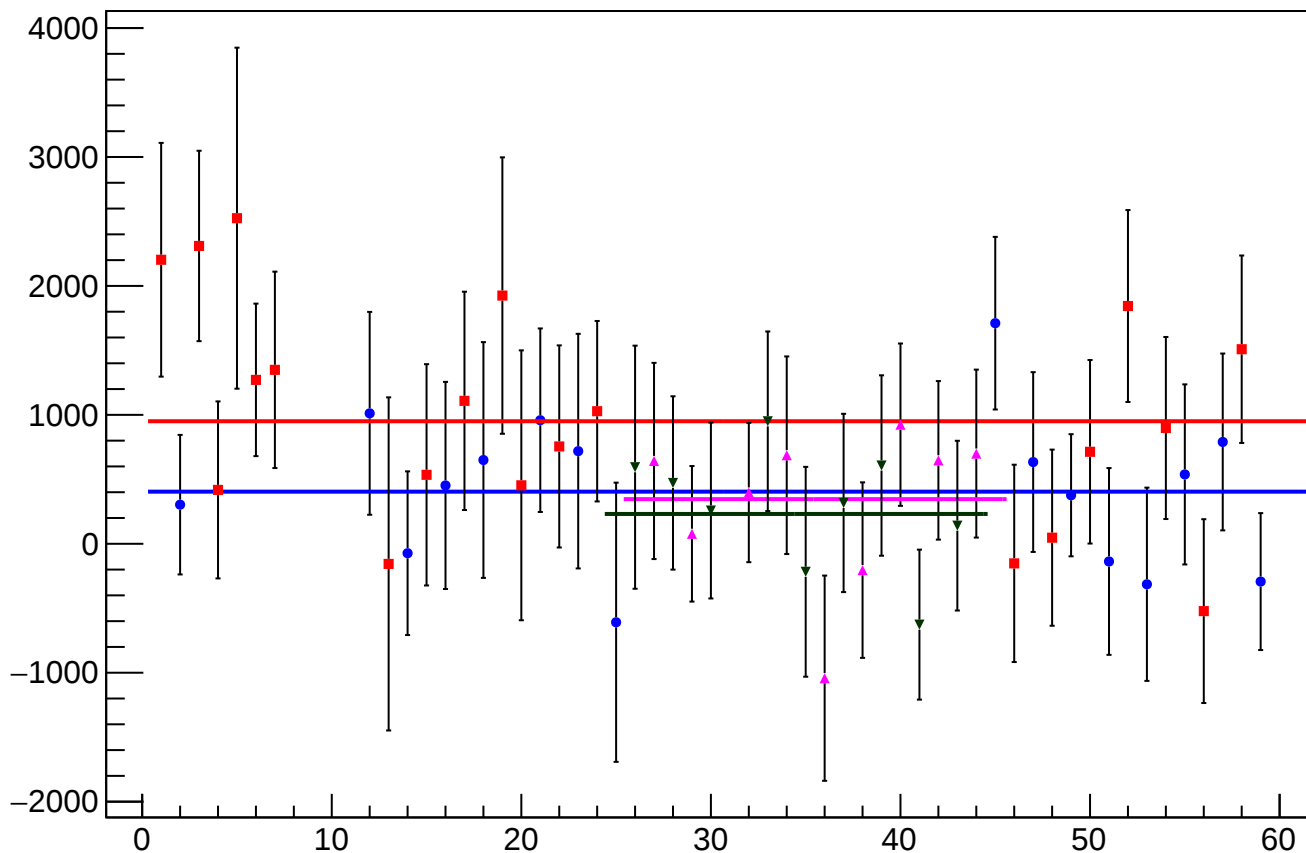
Left Out: 636.619+/-0.199 χ^2/NDF : 118822.0/9

Right Out: 573.801+/-0.129 χ^2/NDF : 491985.4/20

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

583.142+/-0.073 χ^2/NDF : 1265100.2/57

asym_usr_mean vs slug



Right In: 404.450+/-170.371 χ^2/NDF : 10.3/15

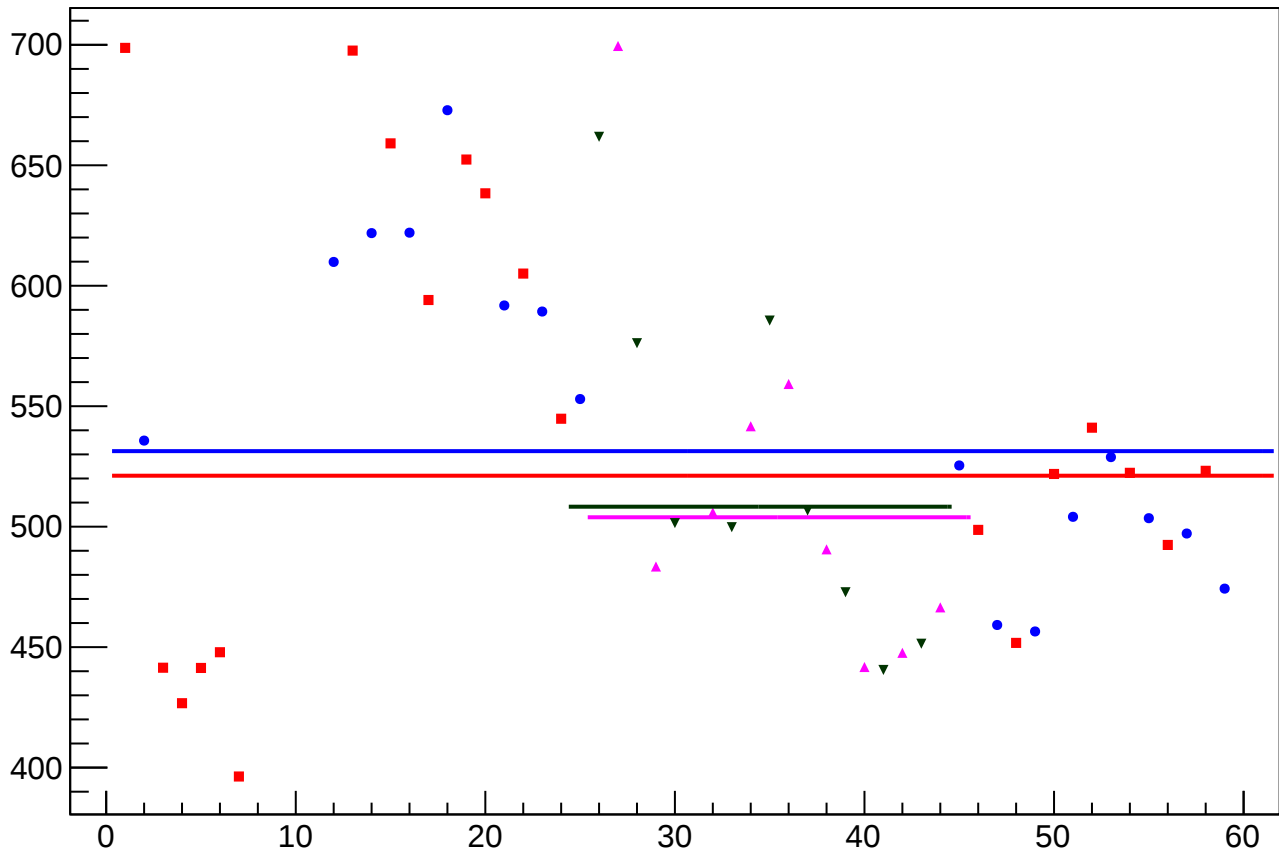
Left Out: 231.411+/-232.753 χ^2/NDF : 4.1/8

Right Out: 950.591+/-175.054 χ^2/NDF : 20.3/19

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

529.014+/-96.548 χ^2/NDF : 49.1/53

asym_usr_rms vs slug



Right In: 531.354+/-0.120 χ^2/NDF : 263094.7/15

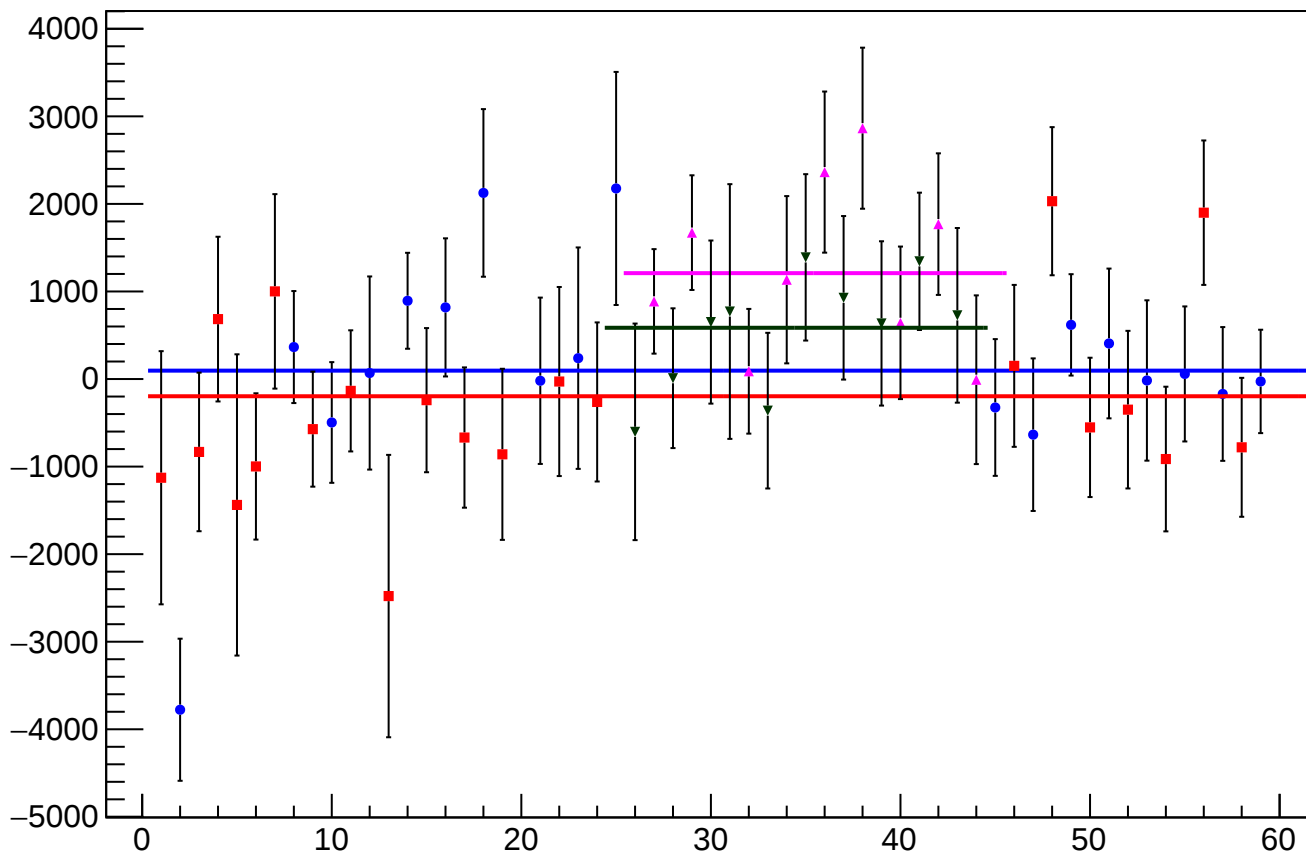
Left Out: 508.292+/-0.165 χ^2/NDF : 139195.8/8

518.721+/-0.068 χ^2/NDF : 1061388.6/53

Right Out: 521.154+/-0.124 χ^2/NDF : 440802.1/19

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

asym_dsl_mean vs slug



Right In: 95.824+/-182.616 χ^2/NDF : 35.7/17

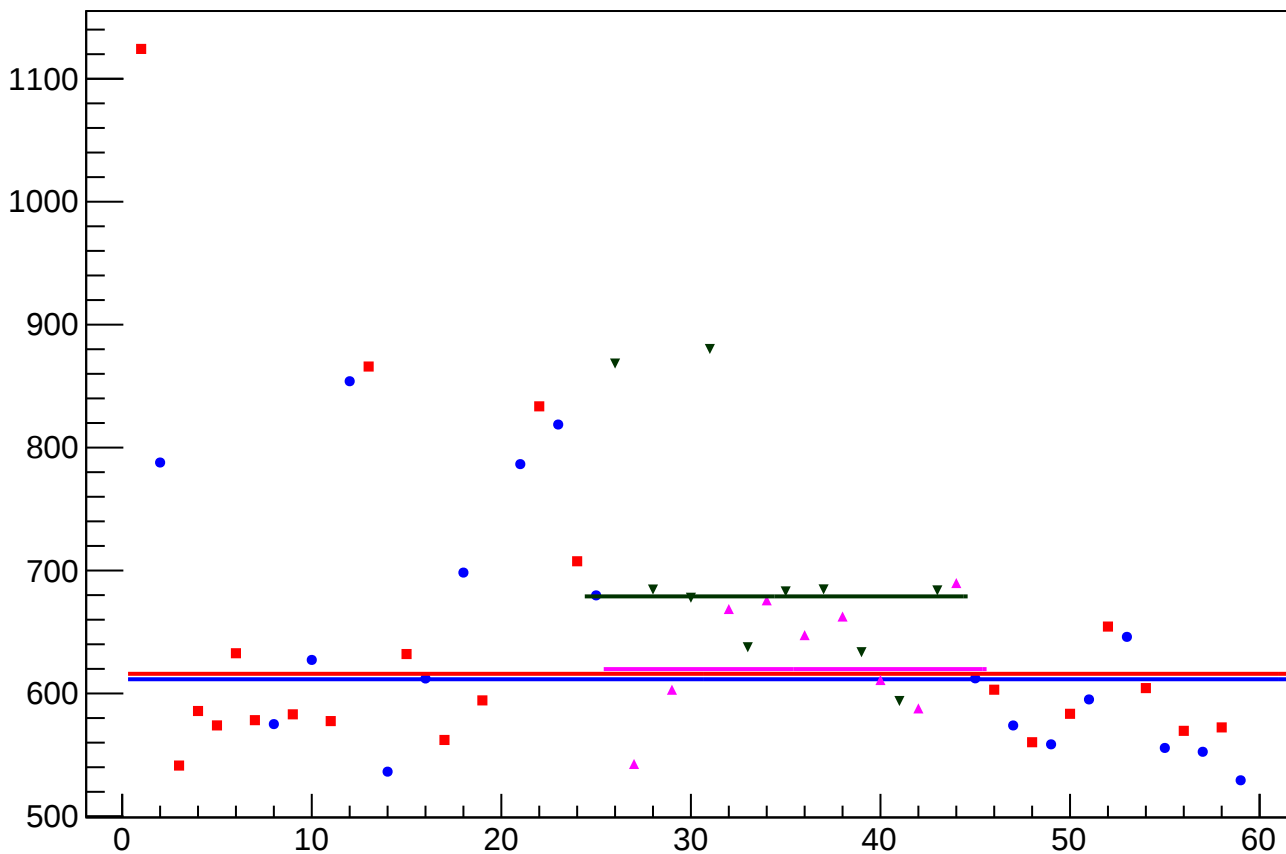
Left Out: 585.397+/-299.644 χ^2/NDF : 4.4/9

Right Out: -196.662+/-195.140 χ^2/NDF : 22.6/20

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

265.739+/-110.511 χ^2/NDF : 93.9/57

asym_dsl_rms vs slug



Right In: 611.561 ± 0.129 χ^2/NDF : 464722.6/17

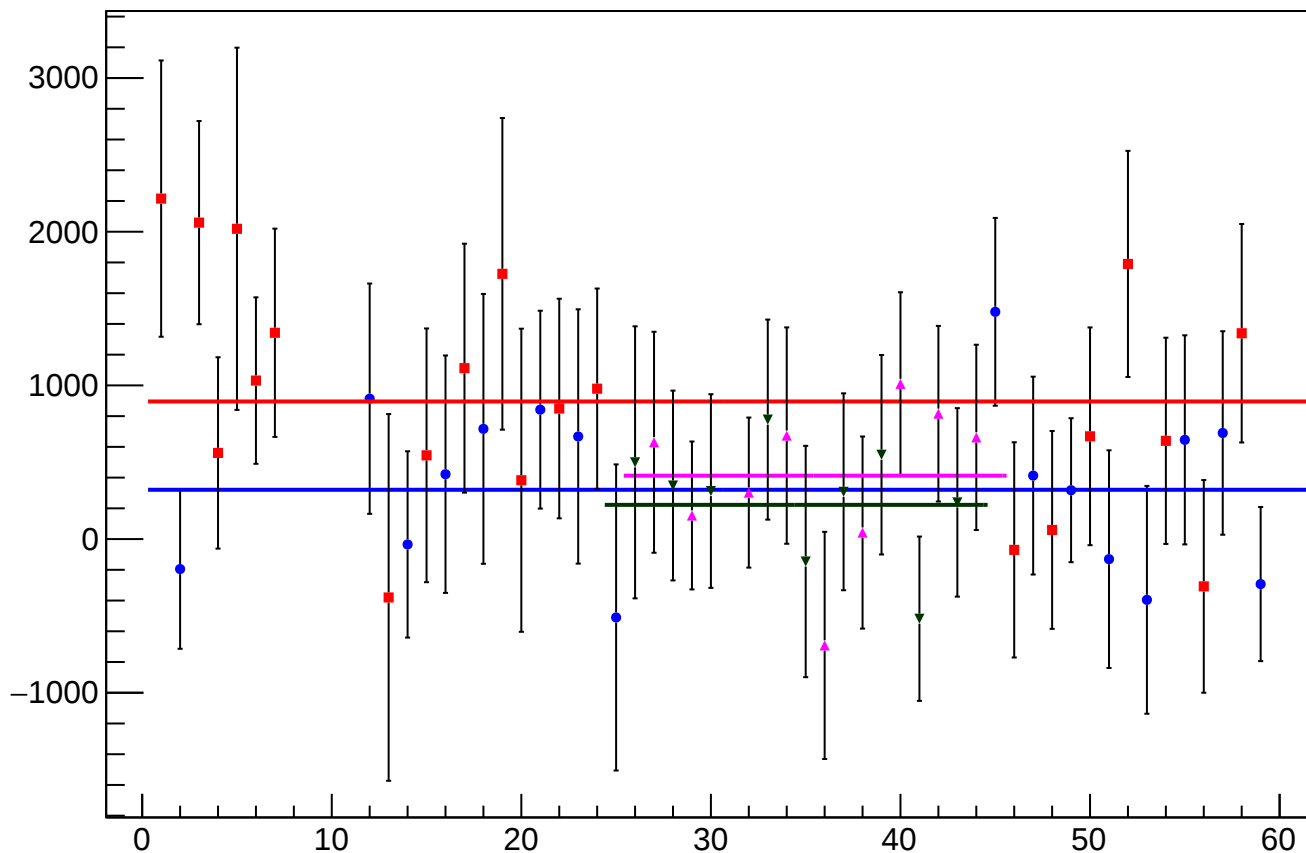
Left Out: 678.962 ± 0.212 χ^2/NDF : 118027.5/9

Right Out: 615.990 ± 0.138 χ^2/NDF : 467556.9/20

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

623.612 ± 0.078 χ^2/NDF : 1201787.5/57

asym_dsr_mean vs slug



Right In: 320.782 ± 162.335 $\chi^2/\text{NDF}: 10.7/15$

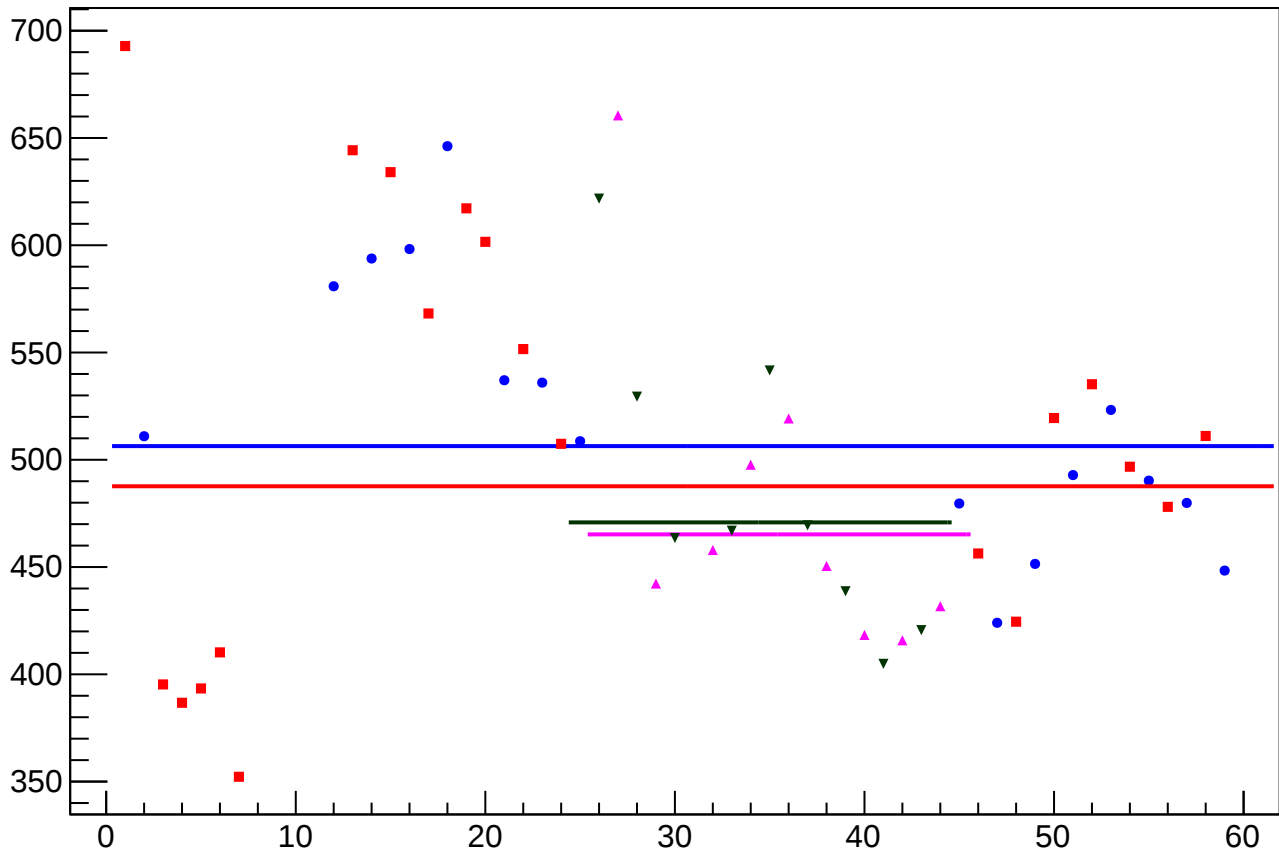
Left Out: 222.635 ± 215.614 $\chi^2/\text{NDF}: 3.3/8$

Right Out: 895.376 ± 164.398 $\chi^2/\text{NDF}: 18.0/19$

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

496.987 ± 90.558 $\chi^2/\text{NDF}: 45.7/53$

asym_dsr_rms vs slug



Right In: 506.369+/-0.115 χ^2/NDF : 244545.6/15

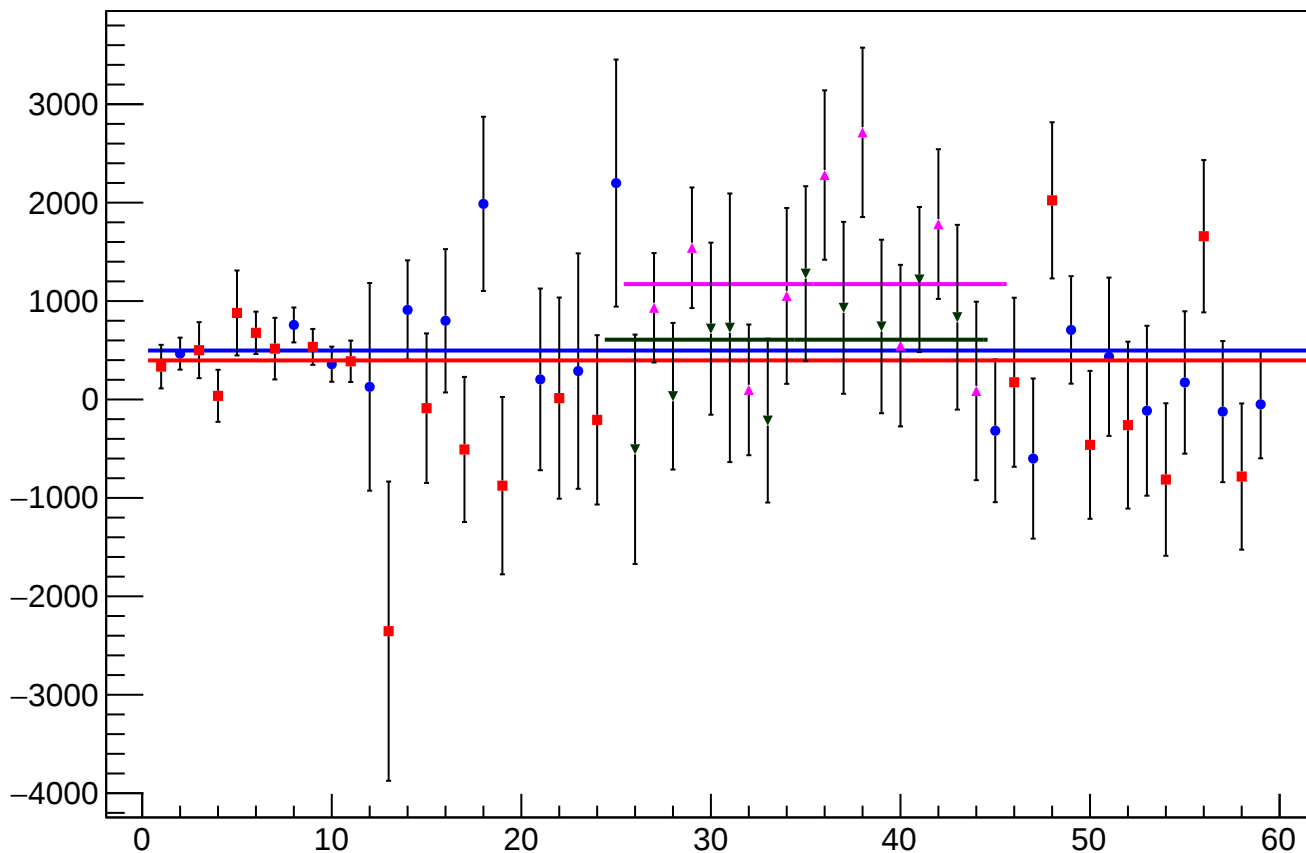
Left Out: 470.818+/-0.152 χ^2/NDF :142935.9/8

Right Out: 487.650+/-0.116 χ^2/NDF : 562242.5/19

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

485.819+/-0.064 χ^2/NDF : 1215346.5/53

cor_usl_mean vs slug



Right In: 497.394 $\pm$ 88.281 χ^2 /NDF: 14.2/17

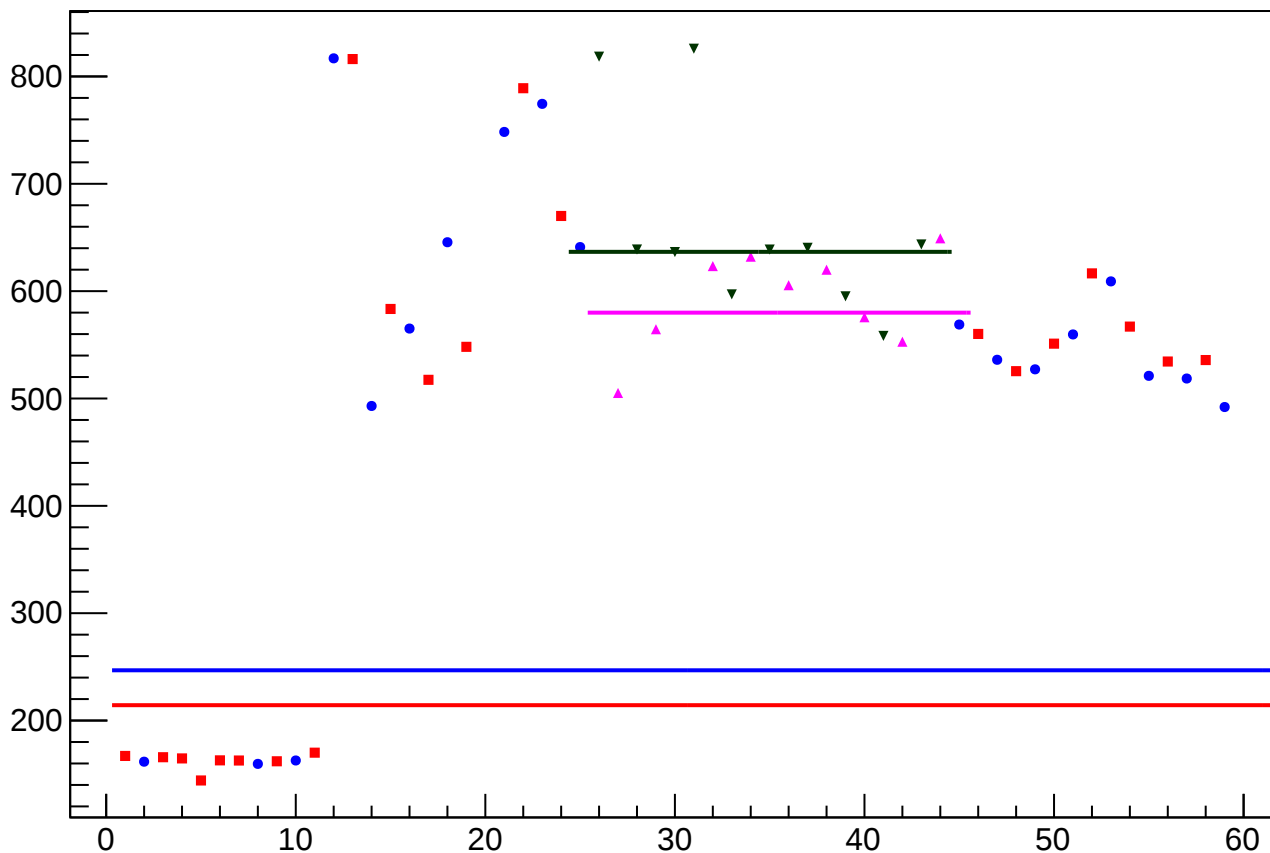
Left Out: 607.534 $\pm$ 280.959 χ^2 /NDF: 4.0/9

Right Out: 397.042 $\pm$ 80.131 χ^2 /NDF: 27.3/20

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

487.622 $\pm$ 56.499 χ^2 /NDF: 65.5/57

cor_usl_rms vs slug



Right In: 246.805+/-0.062 χ^2/NDF : 7304802.5/17

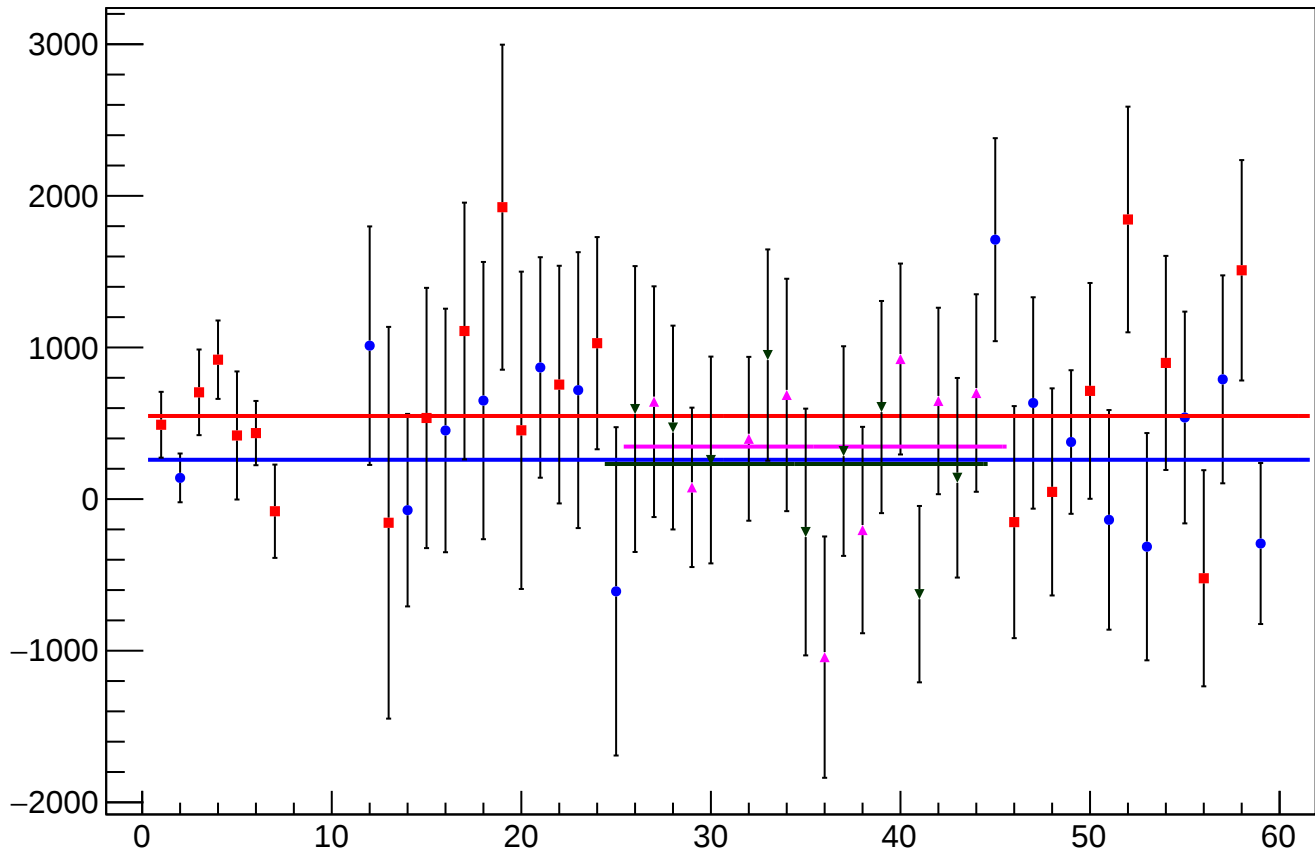
Left Out: 636.619+/-0.199 χ^2/NDF : 118822.0/9

264.015+/-0.040 χ^2/NDF : 21065778.7/57

Right Out: 214.303+/-0.057 χ^2/NDF : 5900736.7/20

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

cor_usr_mean vs slug



Right In: 259.305 $\pm$ 119.836 χ^2 /NDF: 11.4/15

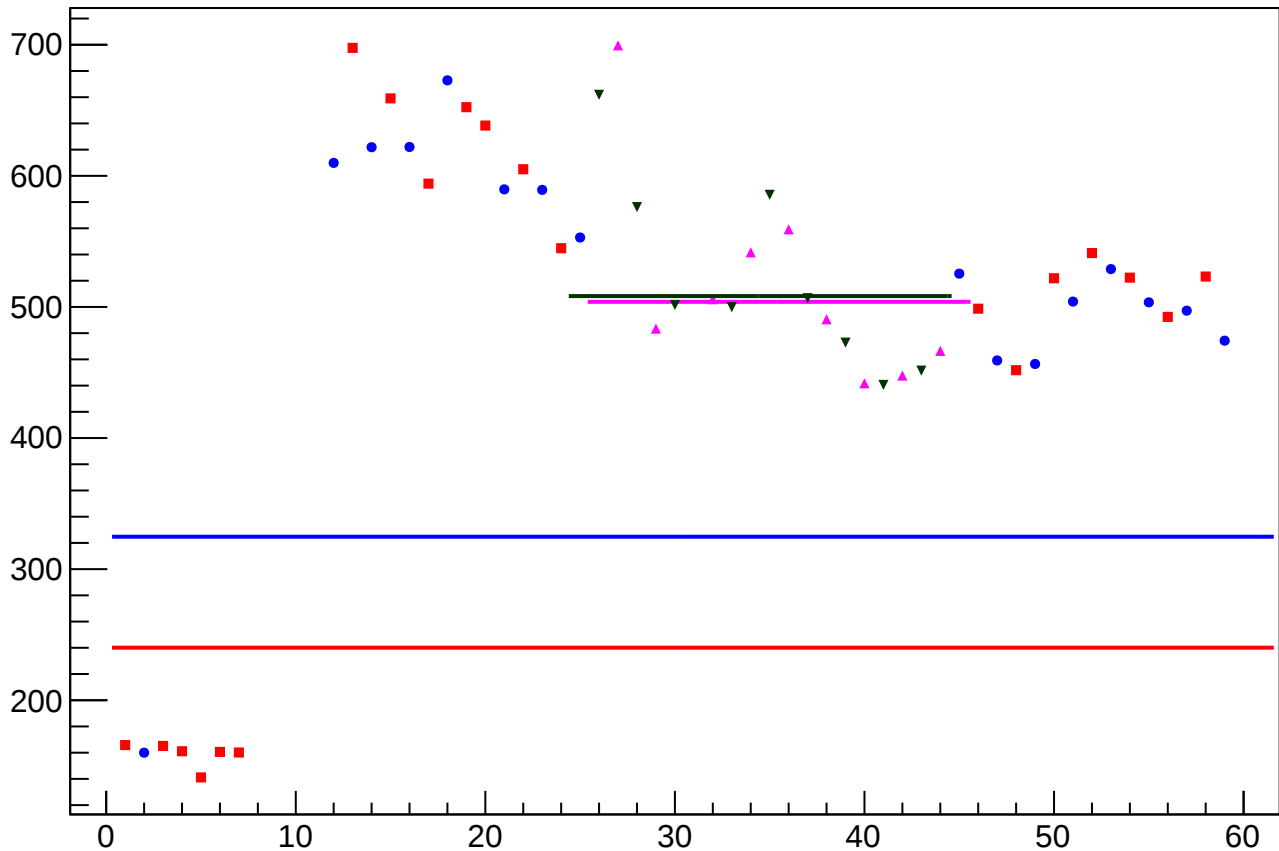
Left Out: 231.411 $\pm$ 232.753 χ^2 /NDF: 4.1/8

409.744 $\pm$ 67.528 χ^2 /NDF: 44.2/53

Right Out: 548.118 $\pm$ 95.577 χ^2 /NDF: 18.6/19

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

cor_usr_rms vs slug



Right In: 324.728 $\pm$ 0.085 χ^2 /NDF: 4984153.3/15

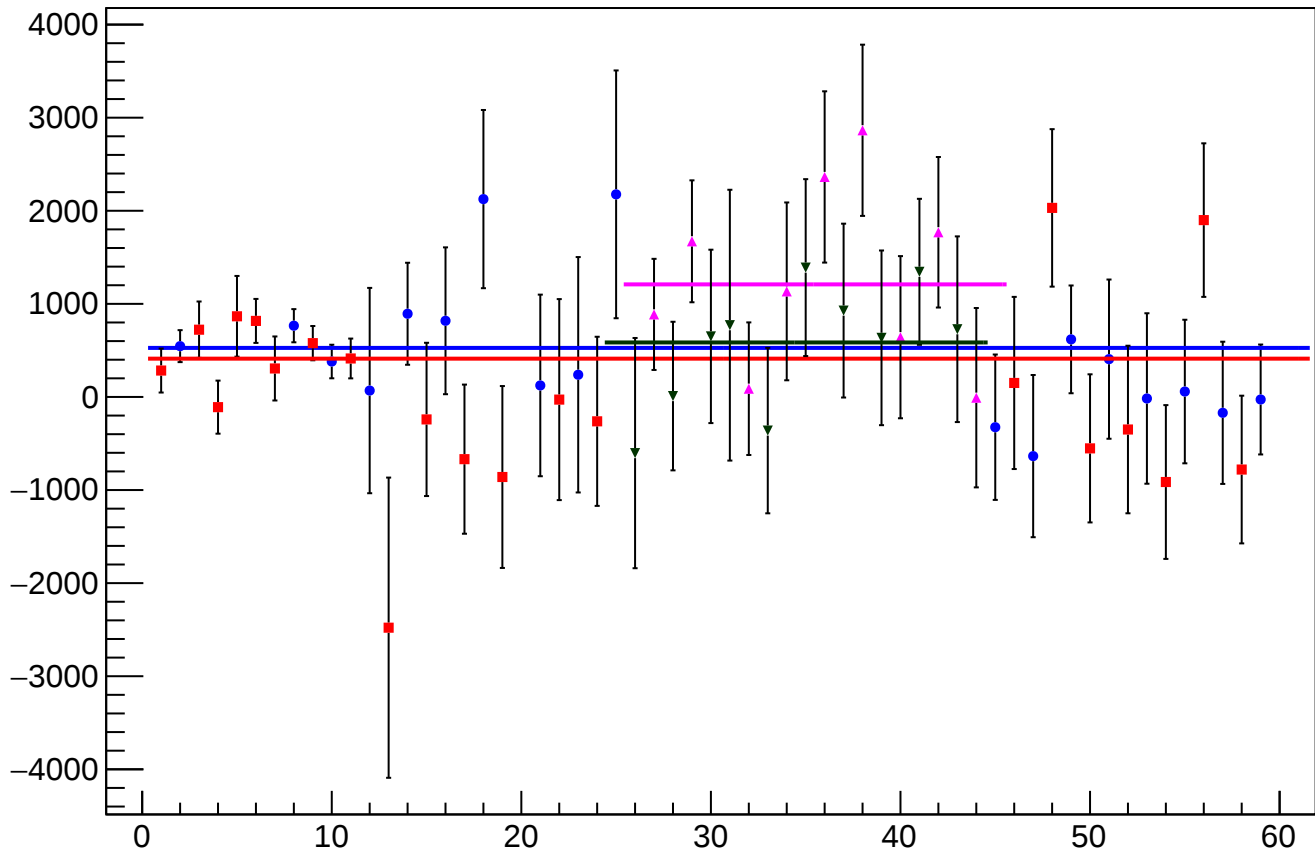
Left Out: 508.292 $\pm$ 0.165 χ^2 /NDF:139195.8/8

315.690 $\pm$ 0.048 χ^2 /NDF: 14987709.6/53

Right Out: 240.094 $\pm$ 0.068 χ^2 /NDF: 5499095.8/19

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

cor_dsl_mean vs slug



Right In: 526.840 ± 91.268 χ^2/NDF : 13.2/17

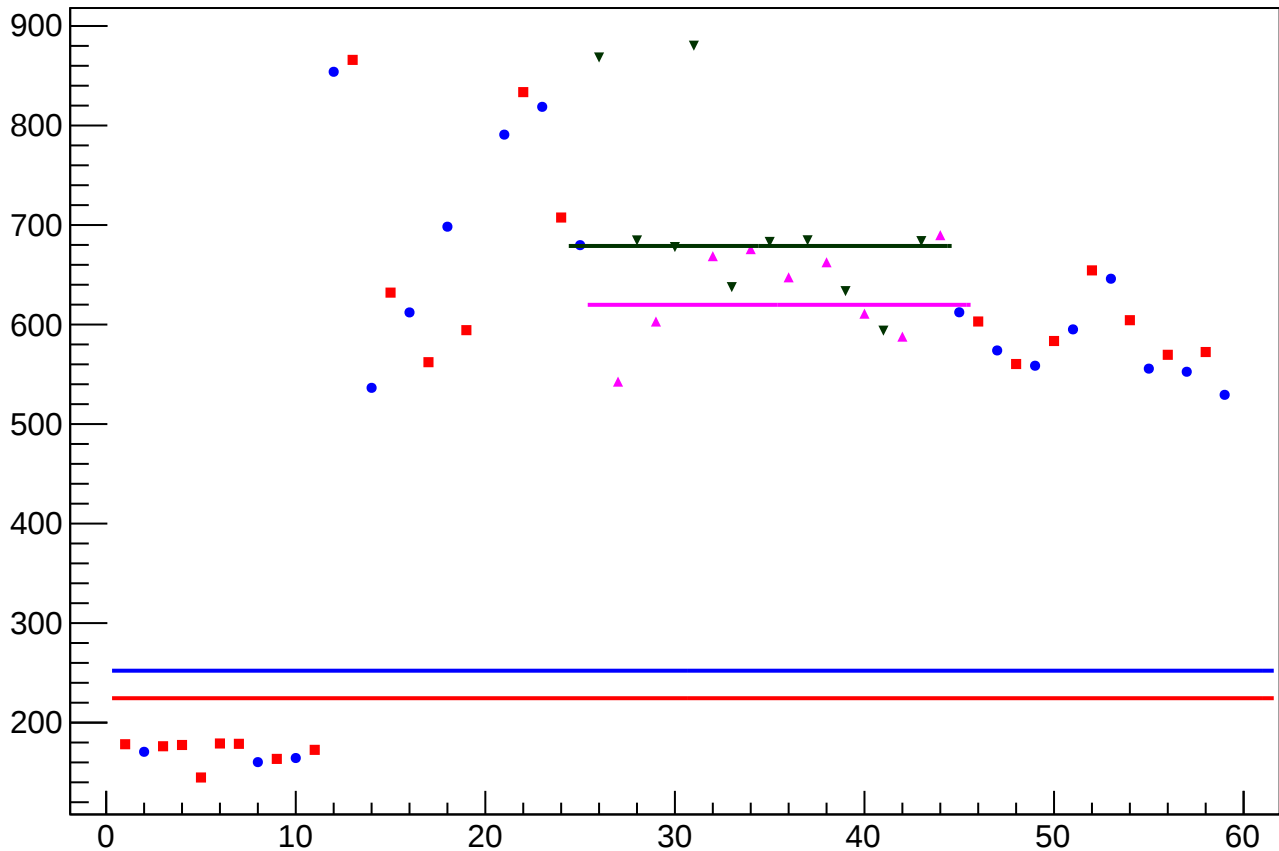
Left Out: 585.397 ± 299.644 χ^2/NDF : 4.4/9

506.953 ± 59.093 χ^2/NDF : 68.5/57

Right Out: 411.404 ± 84.310 χ^2/NDF : 31.7/20

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

cor_dsl_rms vs slug



Right In: 252.171+/-0.065 χ^2/NDF : 7669795.8/17

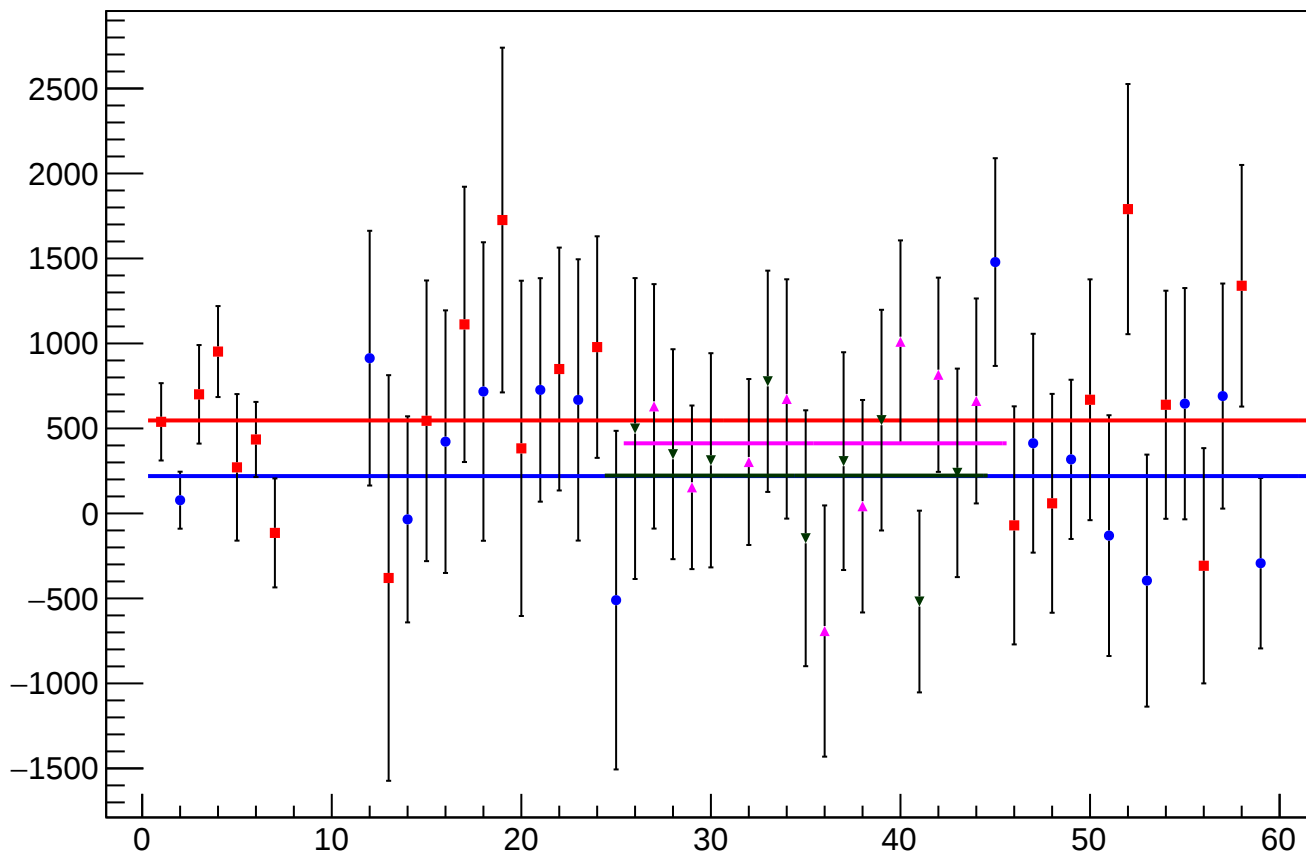
Left Out: 678.962+/-0.212 χ^2/NDF : 118027.5/9

273.798+/-0.042 χ^2/NDF : 21800894.8/57

Right Out: 224.522+/-0.060 χ^2/NDF : 6018392.4/20

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

cor_dsr_mean vs slug



Right In: 219.697 ± 119.771 χ^2/NDF : 10.8/15

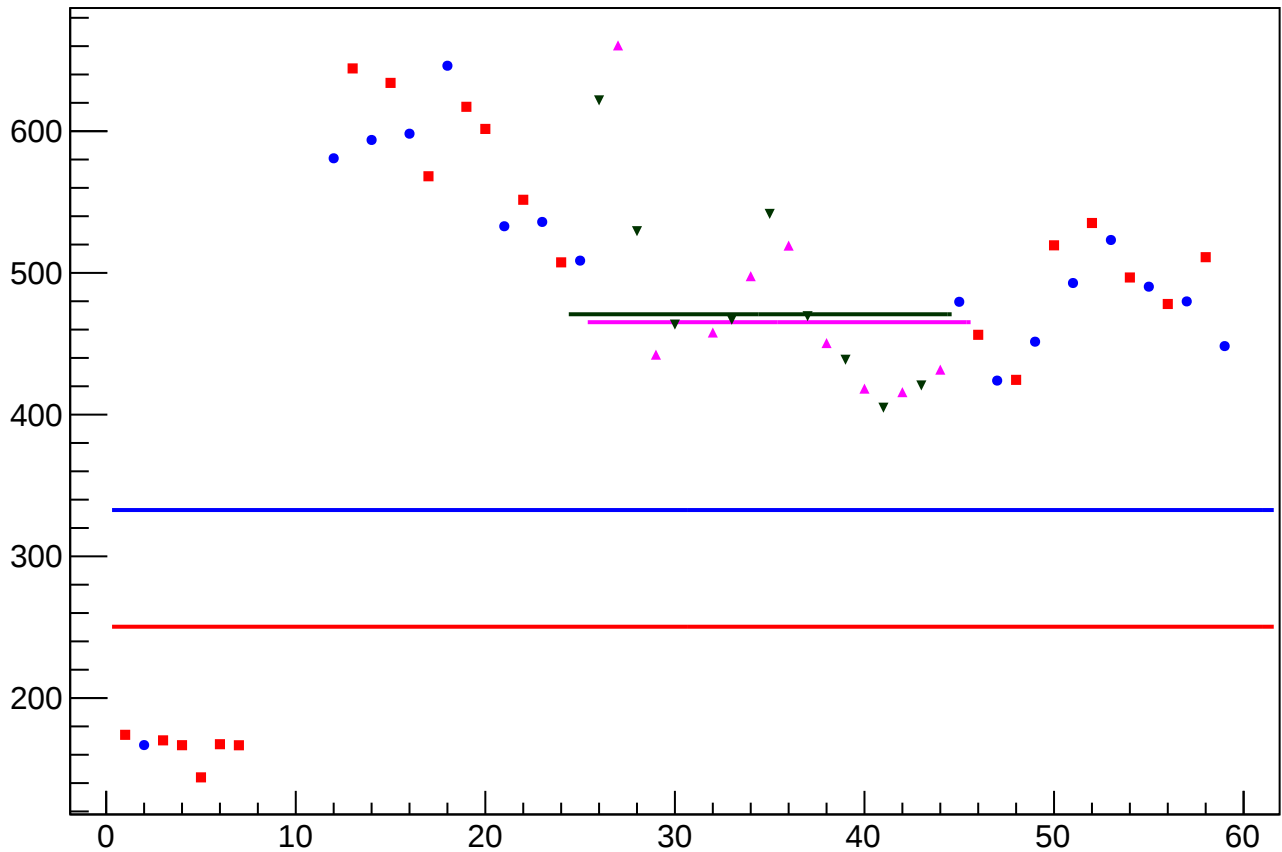
Left Out: 222.635 ± 215.614 χ^2/NDF : 3.3/8

Right Out: 547.037 ± 97.421 χ^2/NDF : 17.6/19

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

397.419 ± 67.105 χ^2/NDF : 41.8/53

cor_dsr_rms vs slug



Right In: 332.675+/-0.085 χ^2/NDF : 4239050.0/15

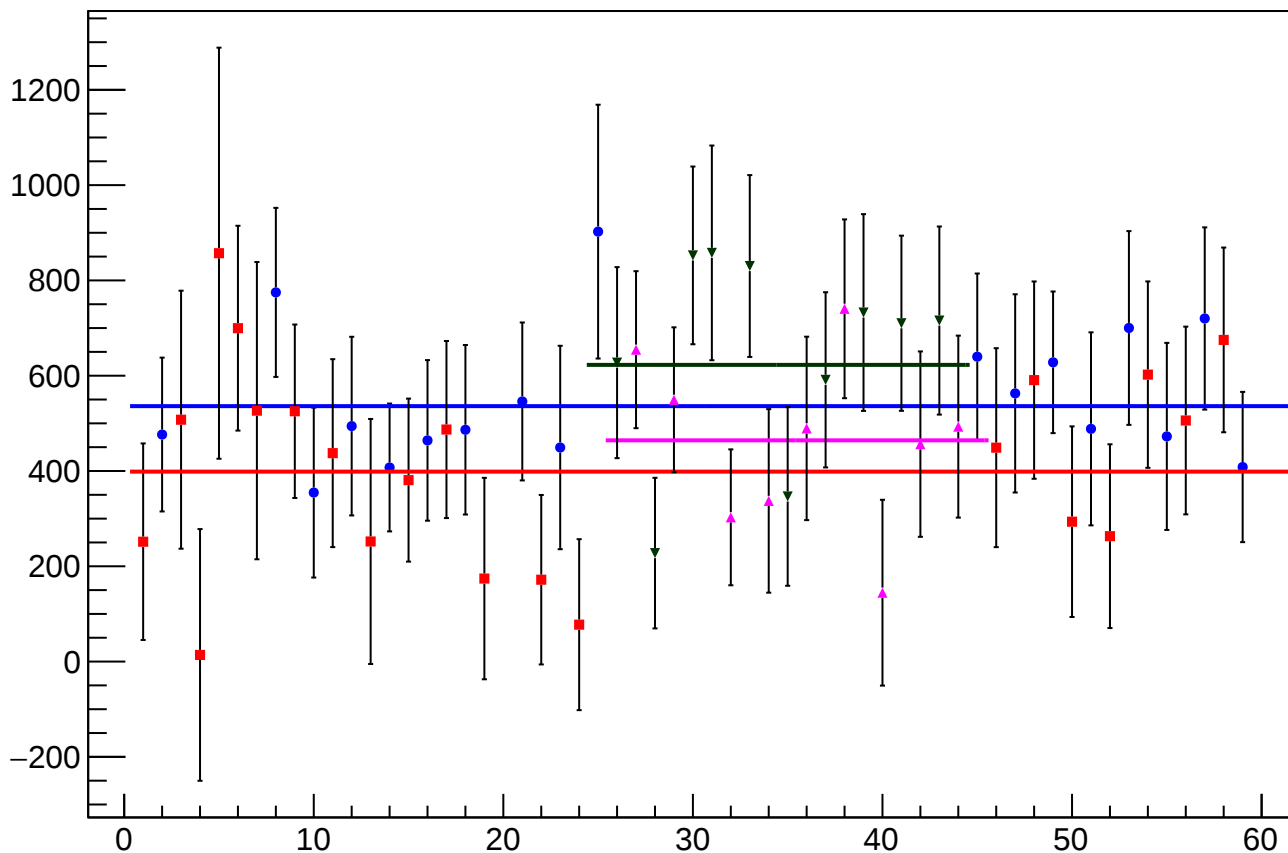
Left Out: 470.818+/-0.152 χ^2/NDF :142935.9/8

322.202+/-0.047 χ^2/NDF : 12596146.2/53

Right Out: 250.345+/-0.069 χ^2/NDF : 4916114.6/19

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

reg_asym_usl_mean vs slug



Right In: 536.125 ± 41.956 χ^2/NDF : 9.4/17

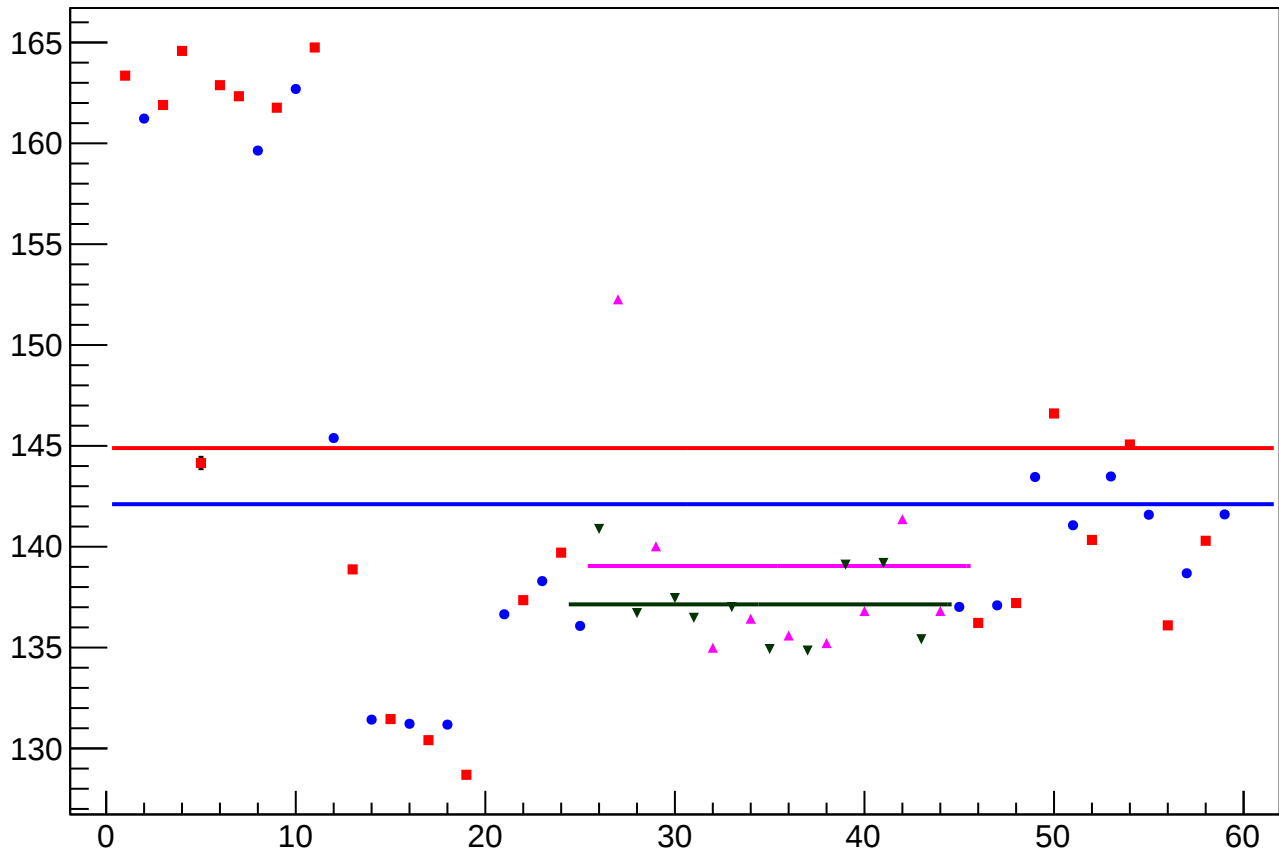
Left Out: 622.726 ± 60.025 χ^2/NDF : 13.0/9

Right Out: 398.677 ± 45.427 χ^2/NDF : 18.2/20

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

496.969 ± 24.831 χ^2/NDF : 59.1/57

reg_asym_usl_rms vs slug



Right In: 142.108+/-0.030 χ^2/NDF : 111103.0/17

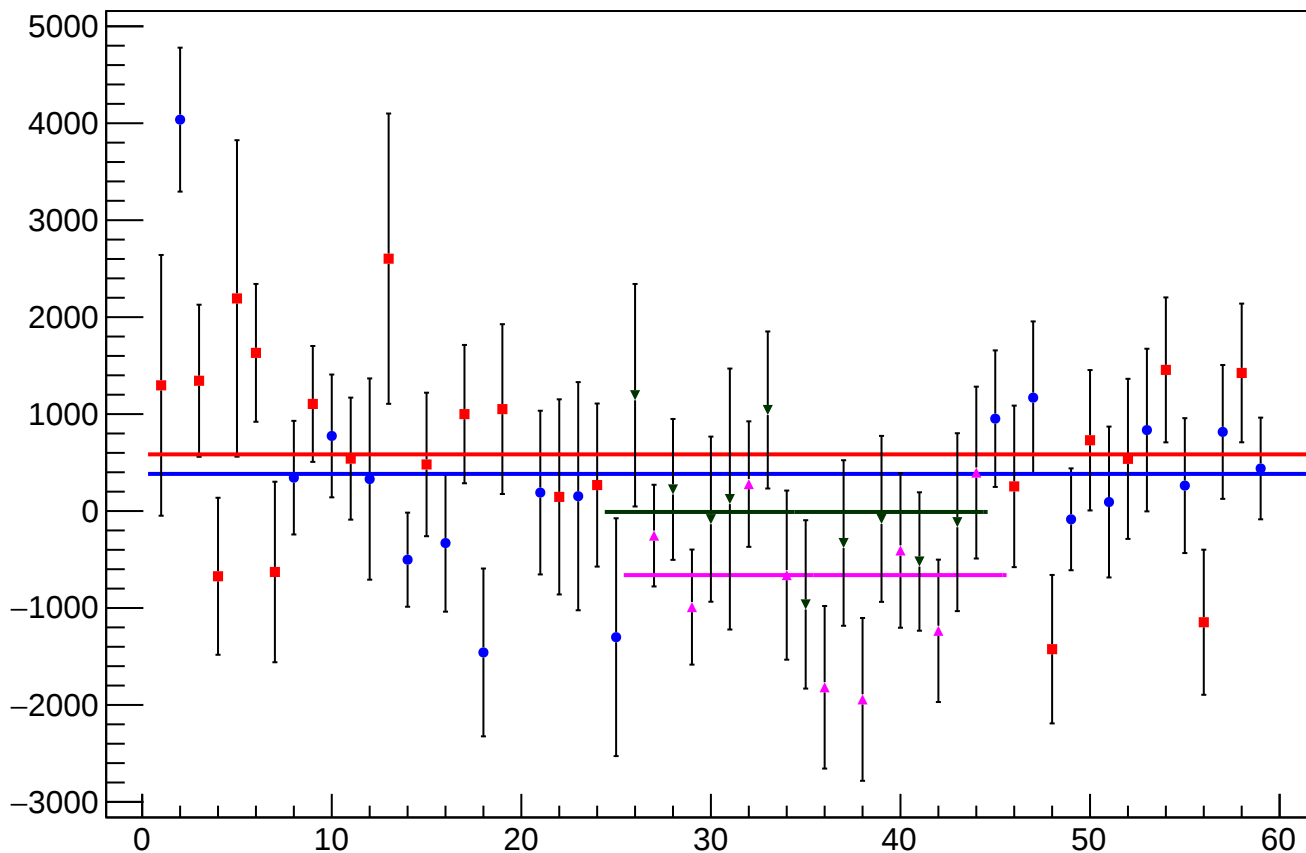
Left Out: 137.141+/-0.042 χ^2/NDF : 1909.5/9

141.538+/-0.018 χ^2/NDF : 303787.2/57

Right Out: 144.890+/-0.032 χ^2/NDF : 147923.6/20

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

asym_usl_correction_mean vs slug



Right In: 383.067 ± 165.196 $\chi^2/\text{NDF}: 38.8/17$

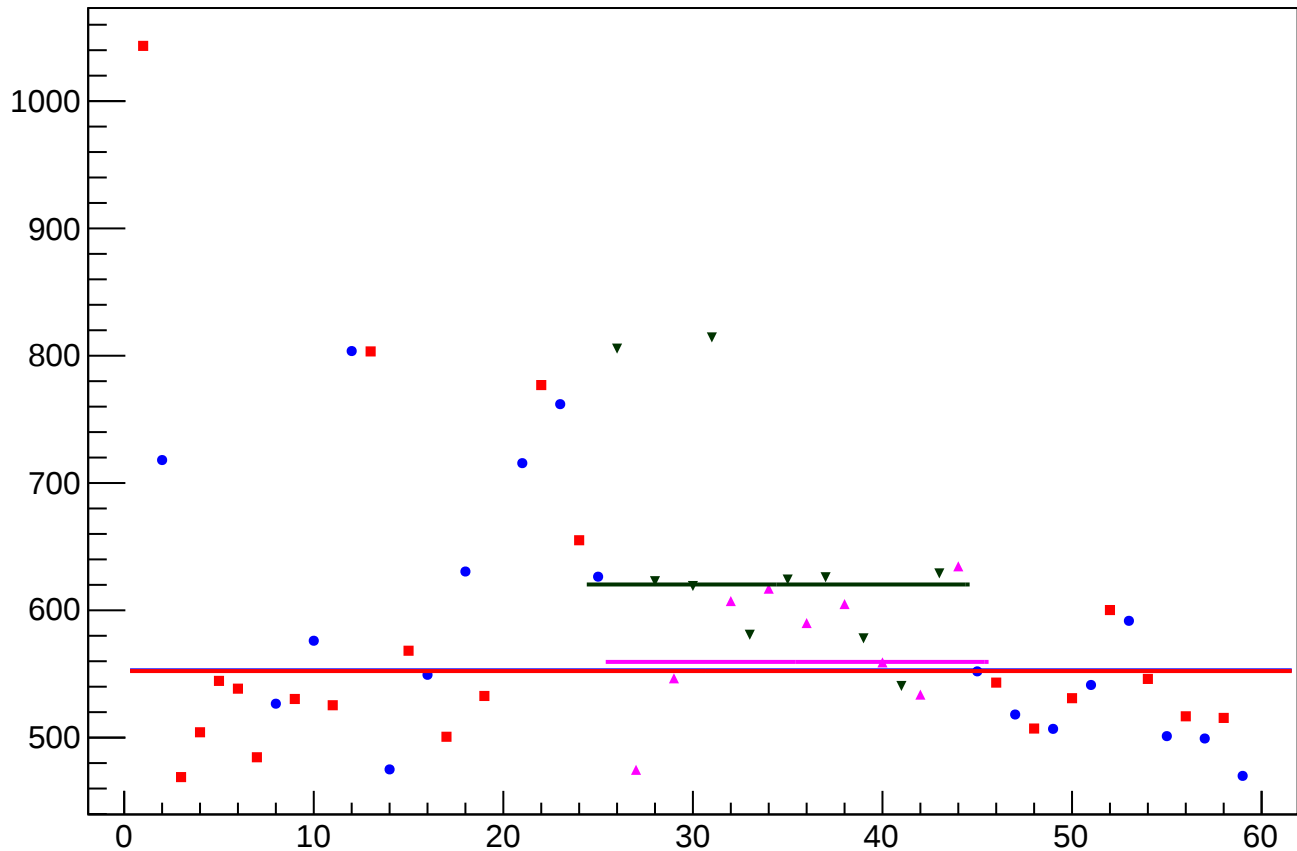
Left Out: -9.377 ± 273.969 $\chi^2/\text{NDF}: 4.8/9$

Right Out: 584.658 ± 175.332 $\chi^2/\text{NDF}: 27.2/20$

Left In: -660.643 ± 237.559 $\chi^2/\text{NDF}: 9.4/8$

211.786 ± 99.892 $\chi^2/\text{NDF}: 99.9/57$

asym_usl_correction_rms vs slug



Right In: 552.854+/-0.117 χ^2/NDF : 531739.7/17

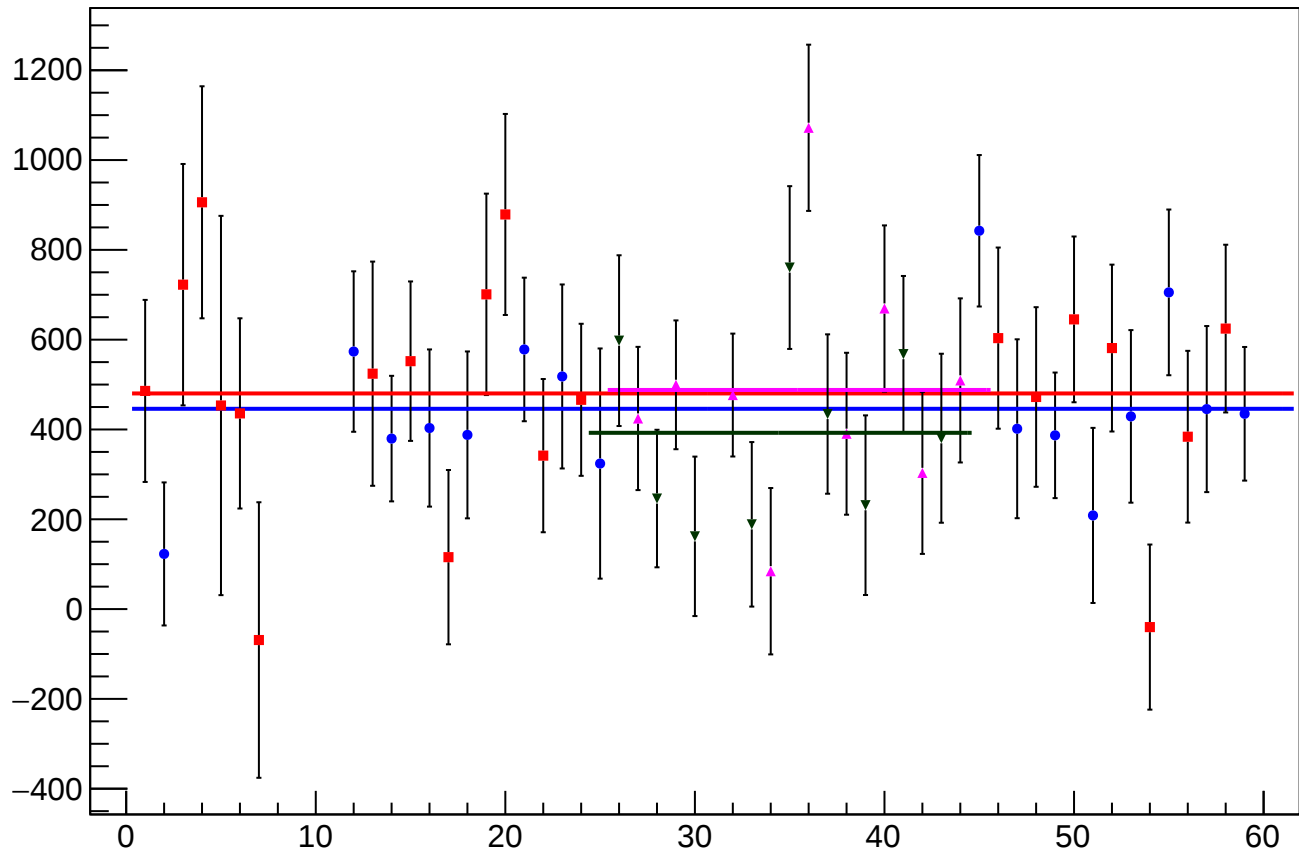
Left Out: 620.292+/-0.194 χ^2/NDF :128669.8/9

562.804+/-0.071 χ^2/NDF : 1399319.1/57

Right Out: 552.278+/-0.124 χ^2/NDF : 537857.7/20

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

reg_asym_usr_mean vs slug



Right In: 446.032 $\pm$ 43.425 χ^2 /NDF: 15.3/15

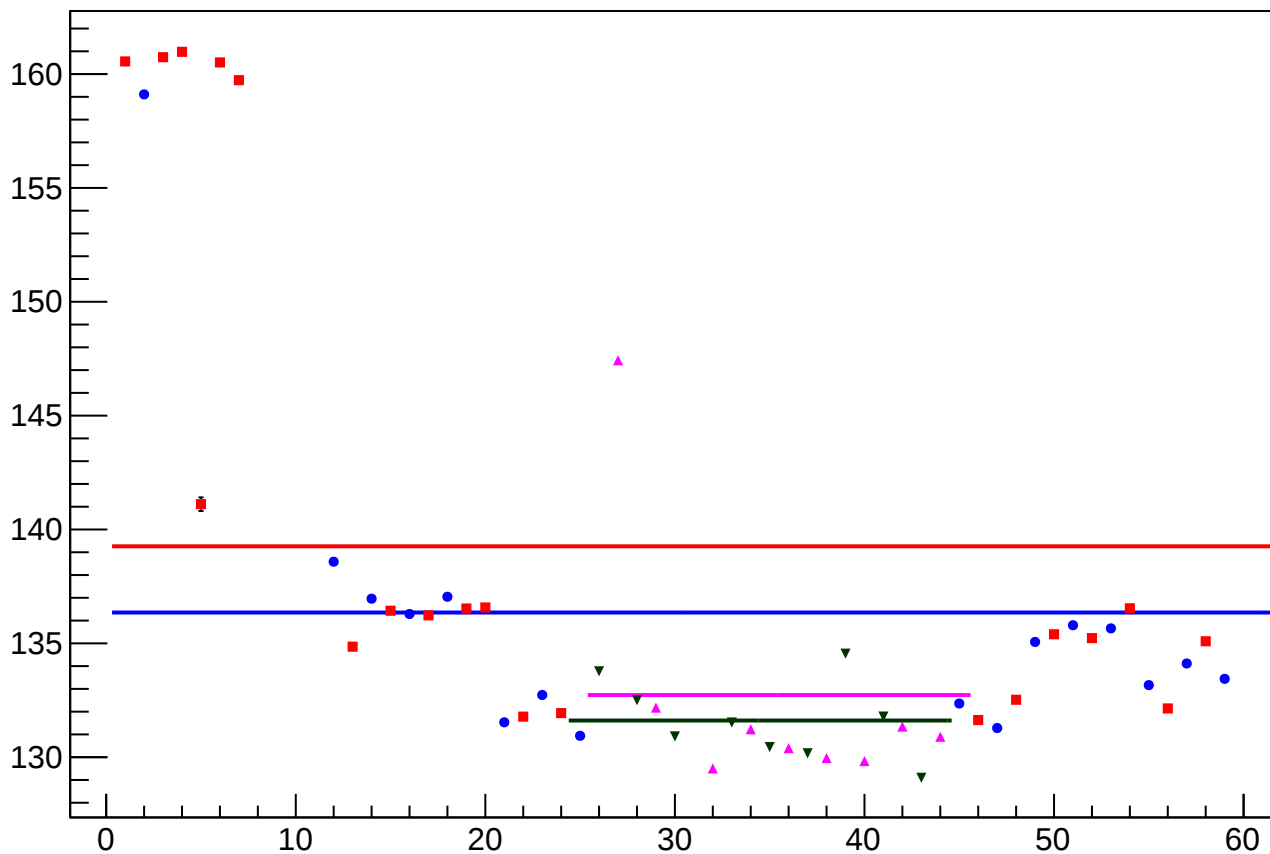
Left Out: 392.566 $\pm$ 59.735 χ^2 /NDF:10.8/8

Right Out: 480.239 $\pm$ 46.200 χ^2 /NDF: 25.6/19

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

455.086 $\pm$ 25.005 χ^2 /NDF: 70.7/53

reg_asym_usr_rms vs slug



Right In: 136.354 ± 0.031 $\chi^2/\text{NDF}: 48813.7/15$

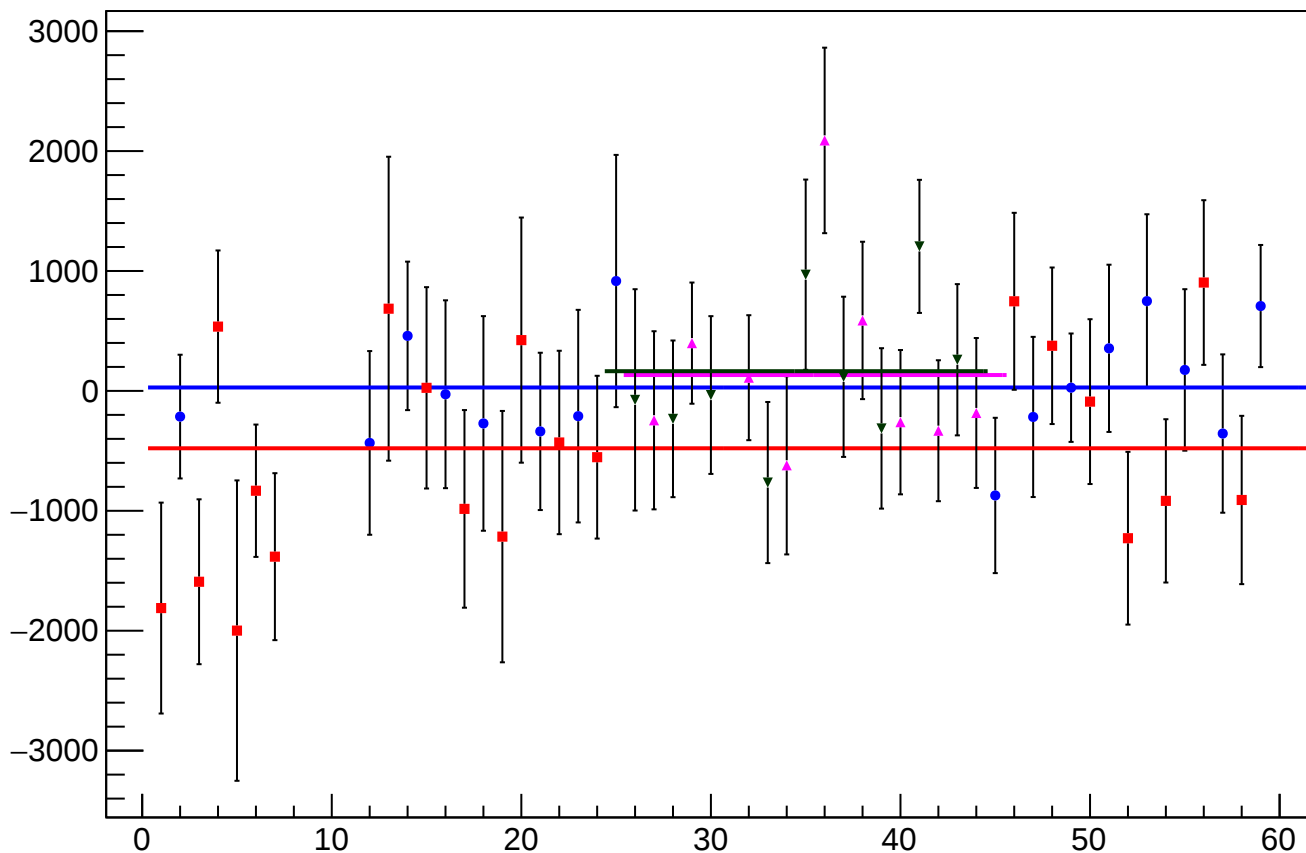
Left Out: 131.612 ± 0.042 $\chi^2/\text{NDF}: 1361.4/8$

Right Out: 139.262 ± 0.033 $\chi^2/\text{NDF}: 98982.0/19$

Left In: 132.730 ± 0.040 $\chi^2/\text{NDF}: 19860.4/8$

135.649 ± 0.018 $\chi^2/\text{NDF}: 196369.5/53$

asym_usr_correction_mean vs slug



Right In: 28.539 ± 163.771 χ^2/NDF : 7.7/15

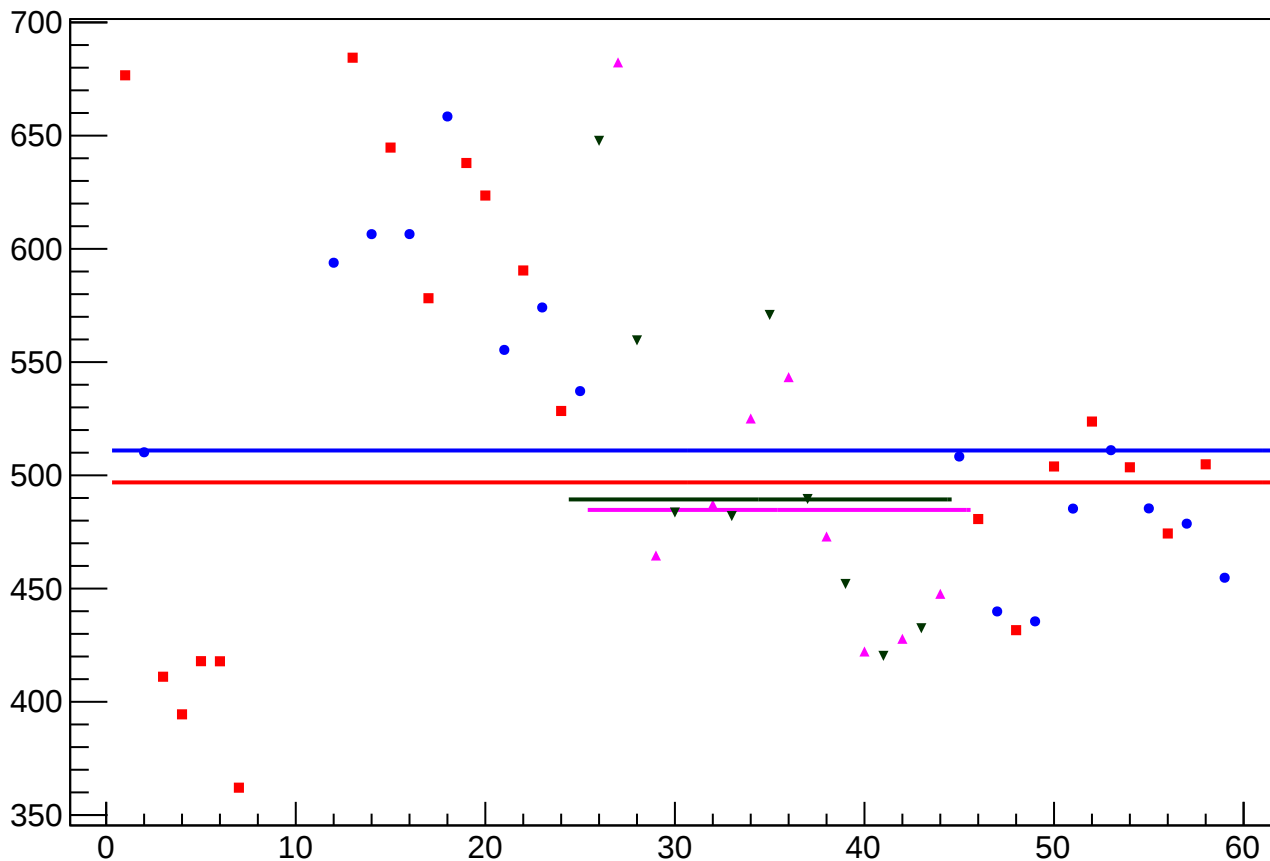
Left Out: 164.304 ± 224.343 χ^2/NDF : 7.5/8

-82.935 ± 92.747 χ^2/NDF : 58.0/53

Right Out: -478.567 ± 167.438 χ^2/NDF : 24.6/19

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

asym_usr_correction_rms vs slug



Right In: 510.976+/-0.116 χ^2/NDF : 288801.8/15

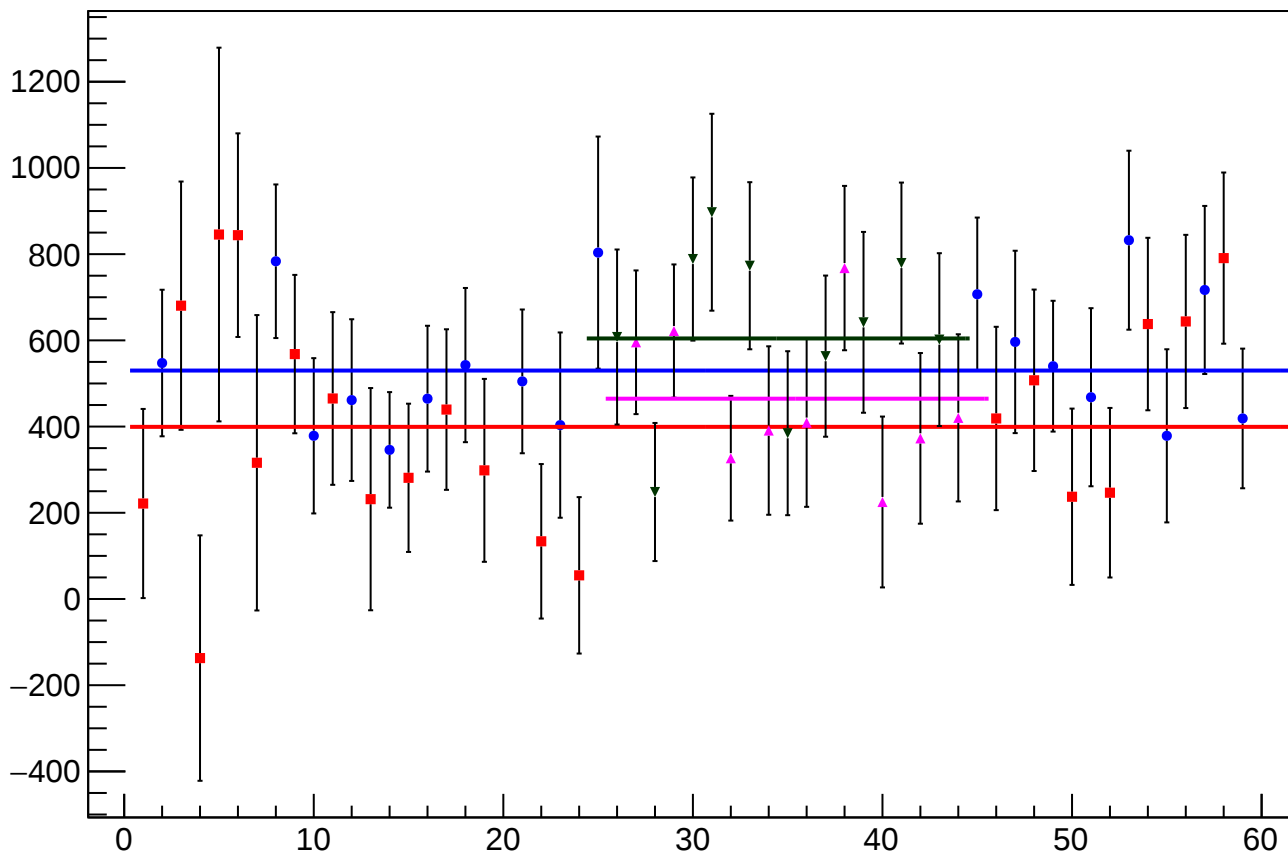
Left Out: 489.361+/-0.159 χ^2/NDF : 156953.9/8

Right Out: 496.880+/-0.118 χ^2/NDF : 543623.5/19

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

497.668+/-0.066 χ^2/NDF : 1223371.4/53

reg_asym_dsl_mean vs slug



Right In: 529.958 ± 42.570 $\chi^2/\text{NDF}: 11.6/17$

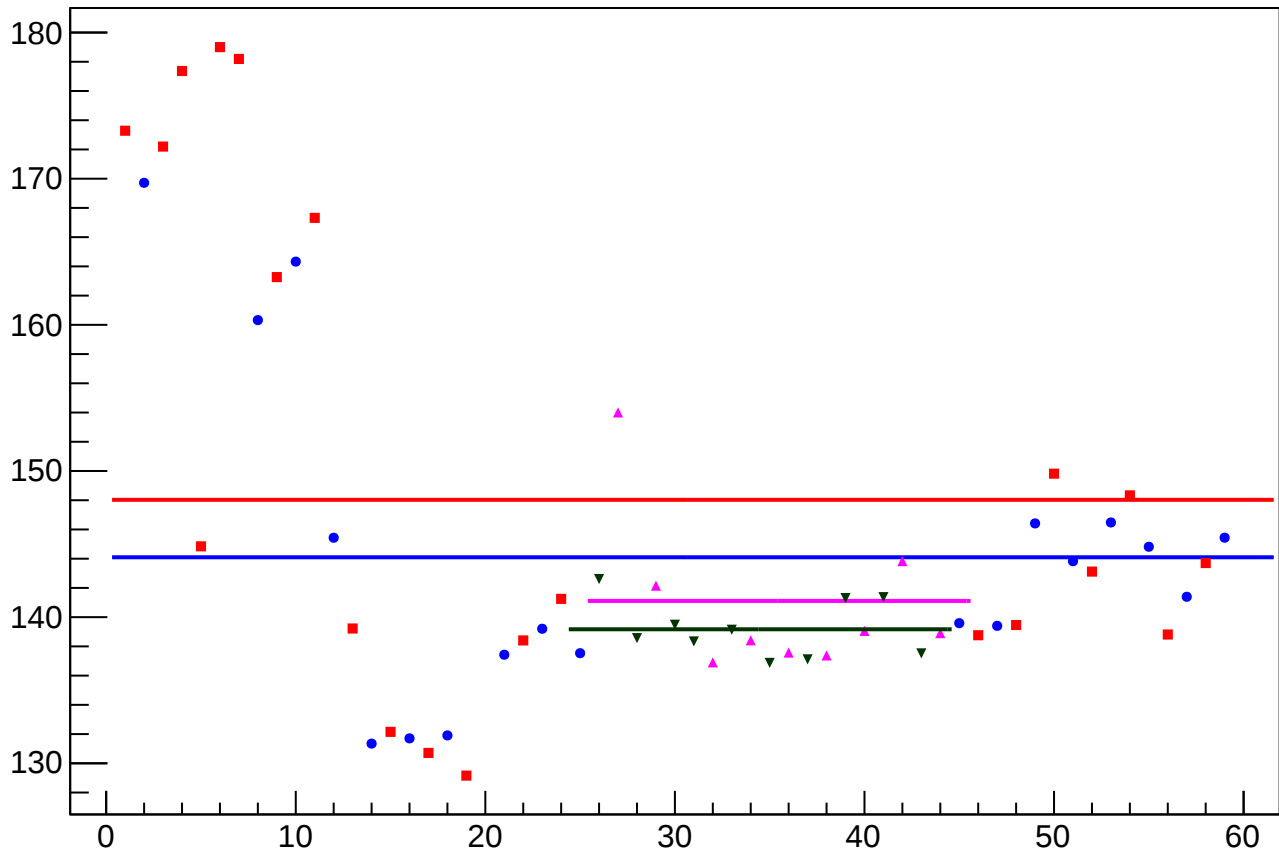
Left Out: 604.421 ± 60.916 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 399.349 ± 46.502 $\chi^2/\text{NDF}: 26.0/20$

Left In: 464.676 ± 59.428 $\chi^2/\text{NDF}: 7.0/8$

492.421 ± 25.263 $\chi^2/\text{NDF}: 63.6/57$

reg_asym_dsl_rms vs slug



Right In: 144.097+/-0.030 χ^2/NDF : 134419.2/17

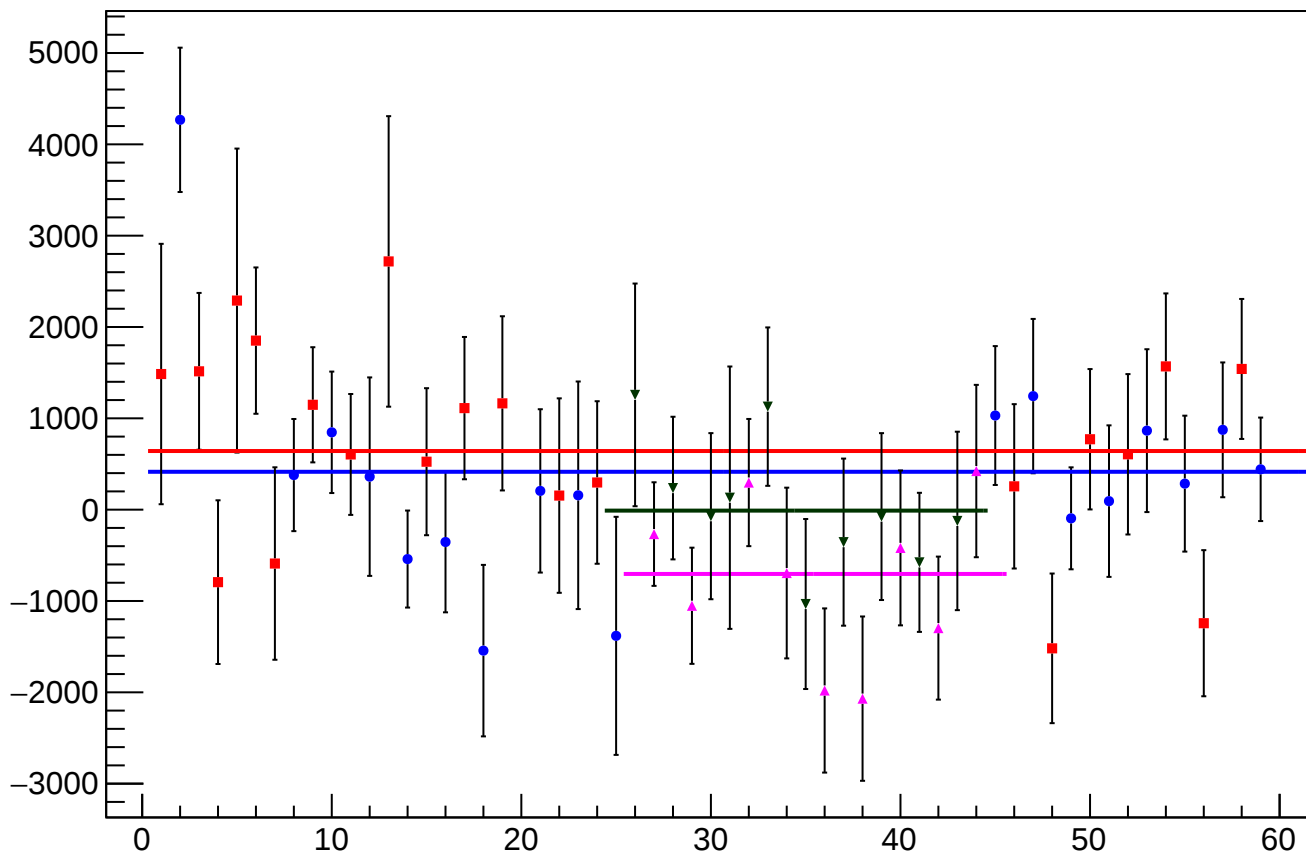
Left Out: 139.170+/-0.043 χ^2/NDF :1788.1/9

143.870+/-0.018 χ^2/NDF : 403714.2/57

Right Out: 148.027+/-0.033 χ^2/NDF : 218836.9/20

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

asym_dsl_correction_mean vs slug



Right In: 414.730+/-176.721 χ^2/NDF : 38.1/17

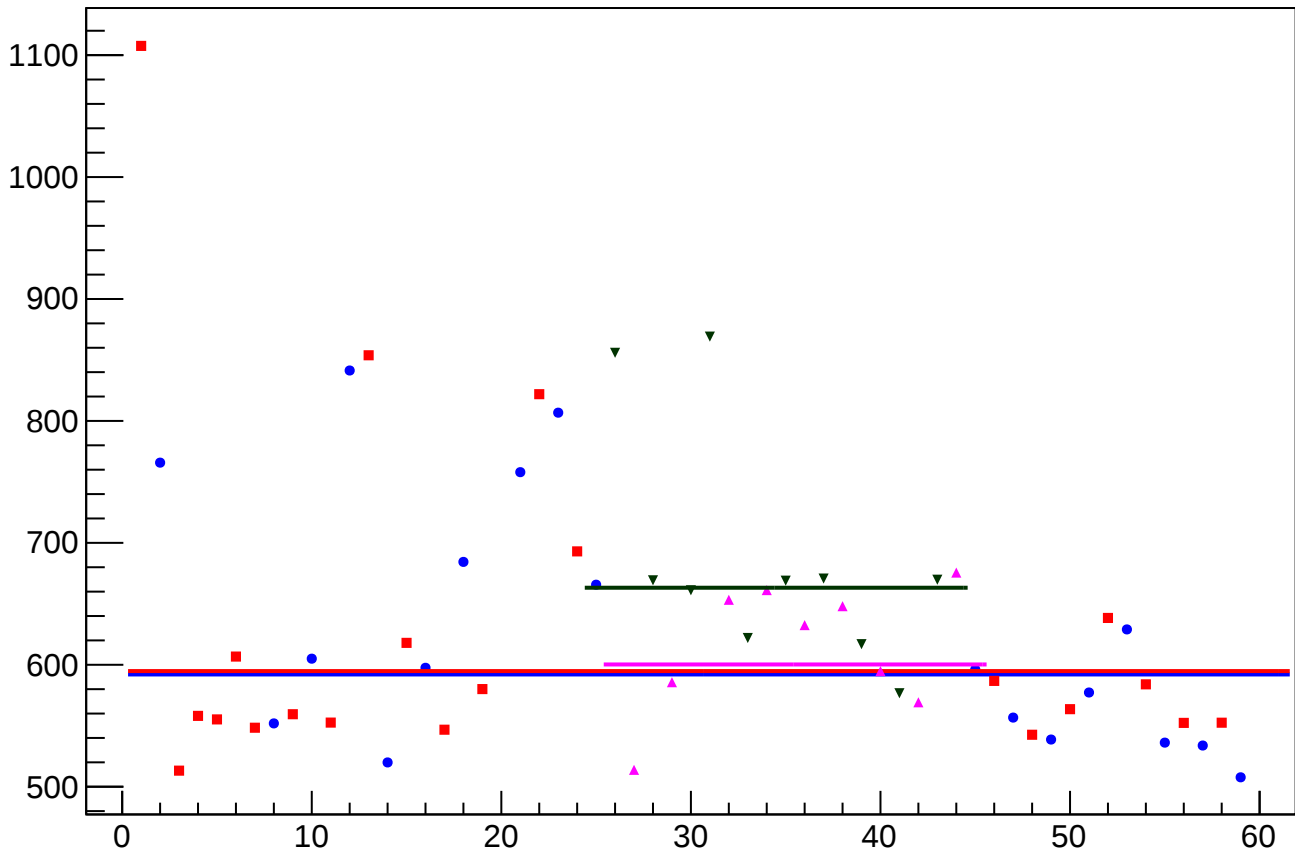
Left Out: -10.463+/-292.895 χ^2/NDF : 4.8/9

Right Out: 642.016+/-188.672 χ^2/NDF : 27.4/20

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

233.418+/-107.103 χ^2/NDF : 99.7/57

asym_dsl_correction_rms vs slug



Right In: 592.064+/-0.125 χ^2/NDF : 496202.4/17

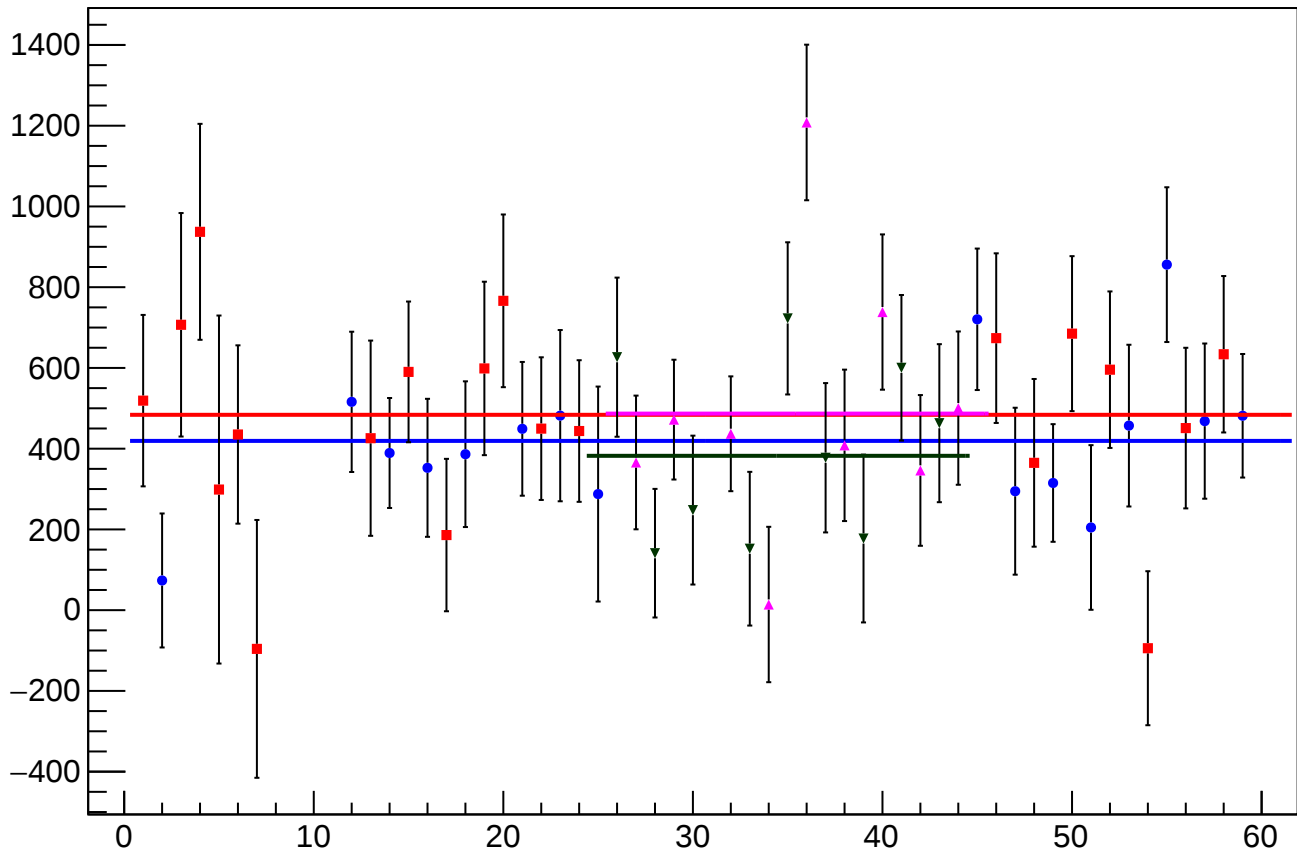
Left Out: 663.196+/-0.207 χ^2/NDF : 126991.2/9

603.919+/-0.076 χ^2/NDF : 1317863.3/57

Right Out: 594.839+/-0.133 χ^2/NDF : 506898.2/20

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

reg_asym_dsr_mean vs slug



Right In: 419.270 ± 44.278 $\chi^2/\text{NDF}: 15.6/15$

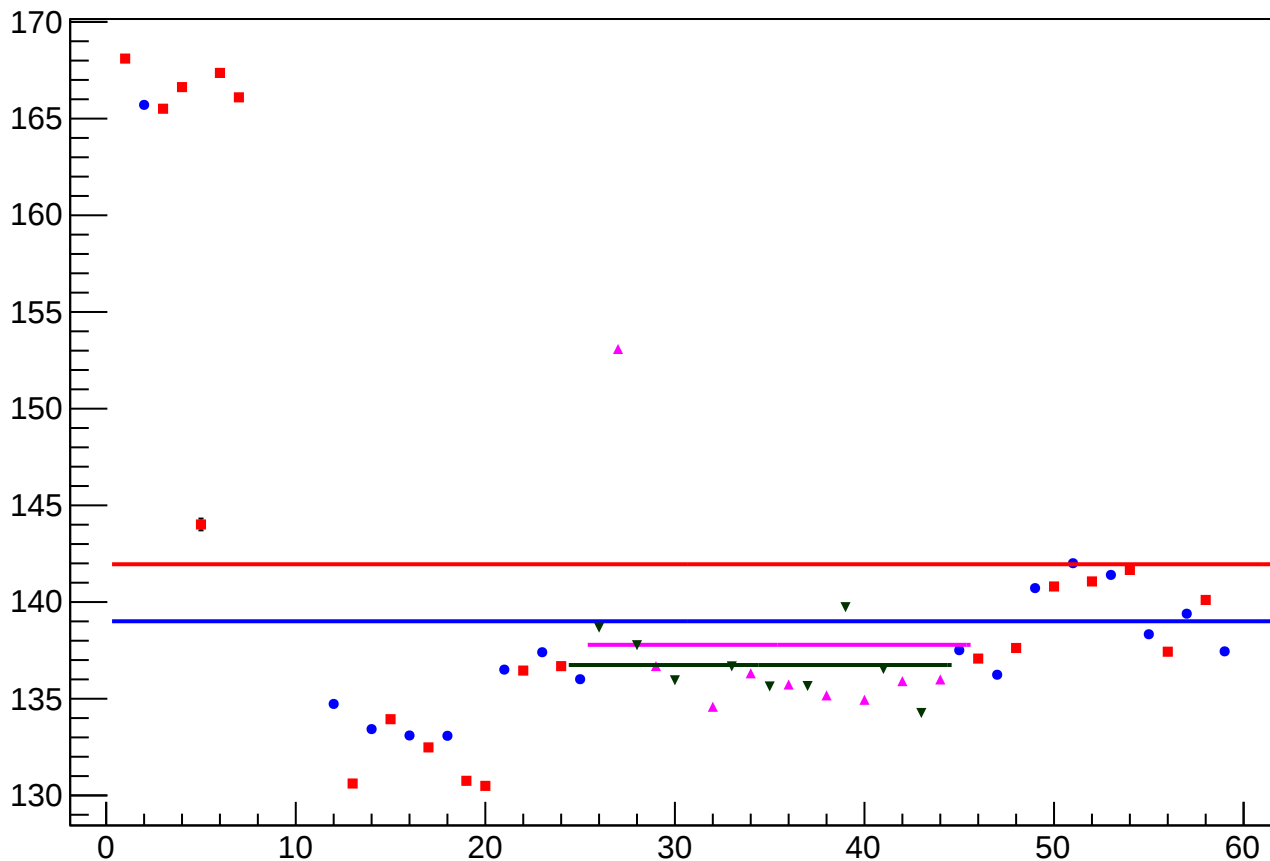
Left Out: 382.318 ± 62.068 $\chi^2/\text{NDF}: 11.7/8$

Right Out: 483.893 ± 47.138 $\chi^2/\text{NDF}: 24.5/19$

Left In: 486.864 ± 58.008 $\chi^2/\text{NDF}: 23.2/8$

445.363 ± 25.676 $\chi^2/\text{NDF}: 77.6/53$

reg_asym_dsr_rms vs slug



Right In: 139.006 ± 0.031 χ^2/NDF : 63458.1/15

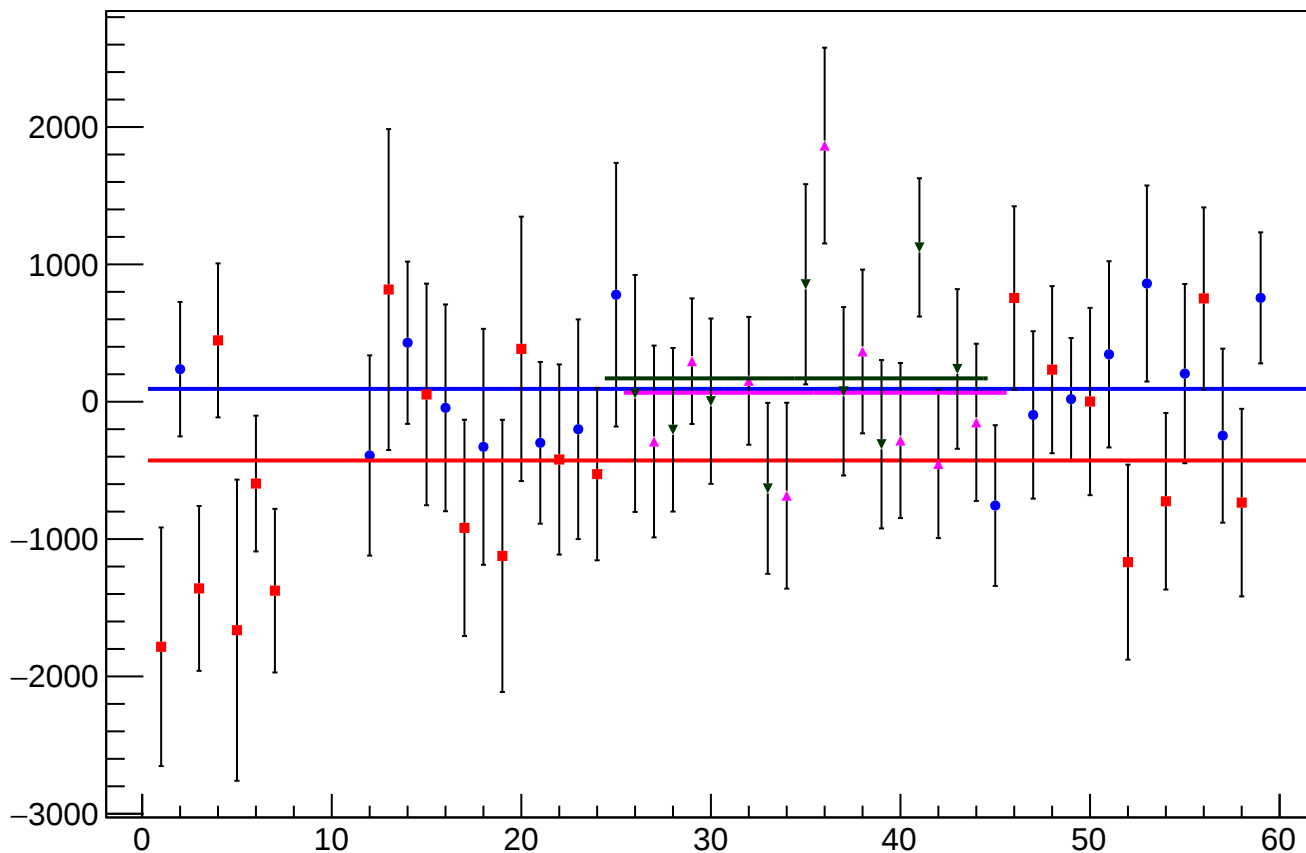
Left Out: 136.744 ± 0.044 χ^2/NDF : 1188.8/8

Right Out: 141.954 ± 0.033 χ^2/NDF : 131652.5/19

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

139.255 ± 0.018 χ^2/NDF : 227221.3/53

asym_dsr_correction_mean vs slug



Right In: 93.397 ± 155.007 χ^2/NDF : 8.0/15

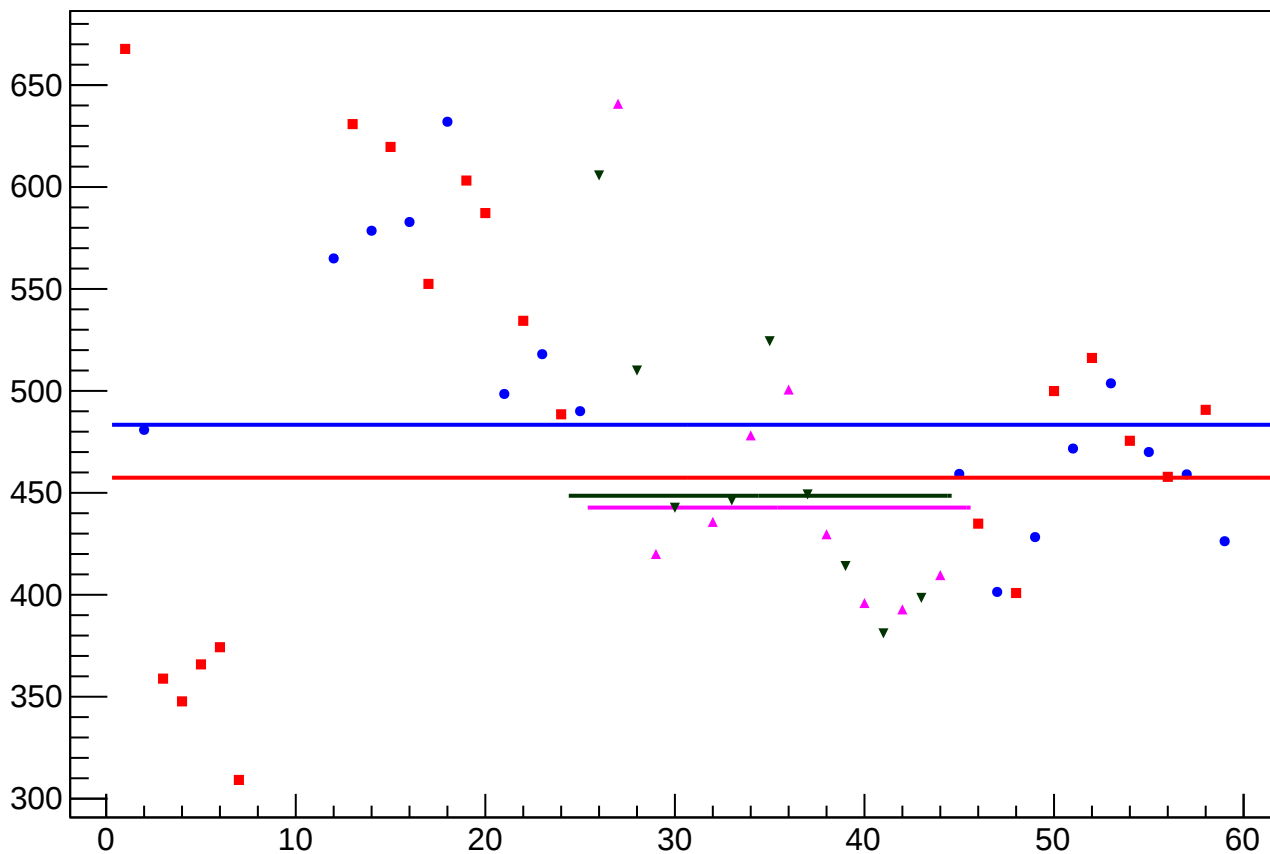
Left Out: 170.118 ± 205.740 χ^2/NDF : 7.3/8

Right Out: -427.640 ± 155.122 χ^2/NDF : 23.7/19

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

-59.617 ± 86.116 χ^2/NDF : 57.1/53

asym_dsr_correction_rms vs slug



Right In: 483.382+/-0.110 χ^2/NDF : 281955.7/15

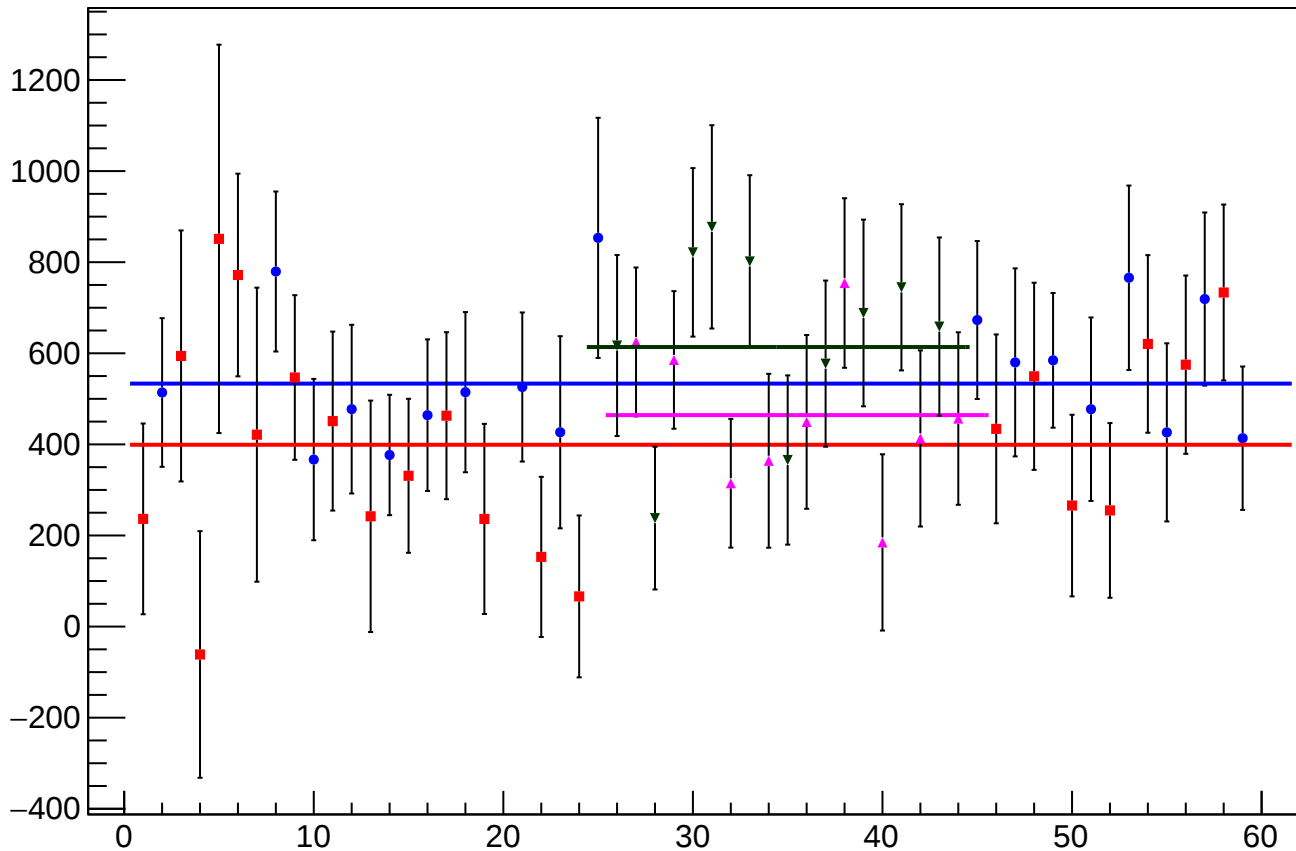
Left Out: 448.574+/-0.145 χ^2/NDF : 166684.5/8

460.839+/-0.061 χ^2/NDF : 1493840.5/53

Right Out: 457.426+/-0.110 χ^2/NDF : 753011.5/19

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

reg_asym_left_avg_mean vs slug



Right In: 533.428 $\pm$ 41.644 χ^2 /NDF: 10.3/17

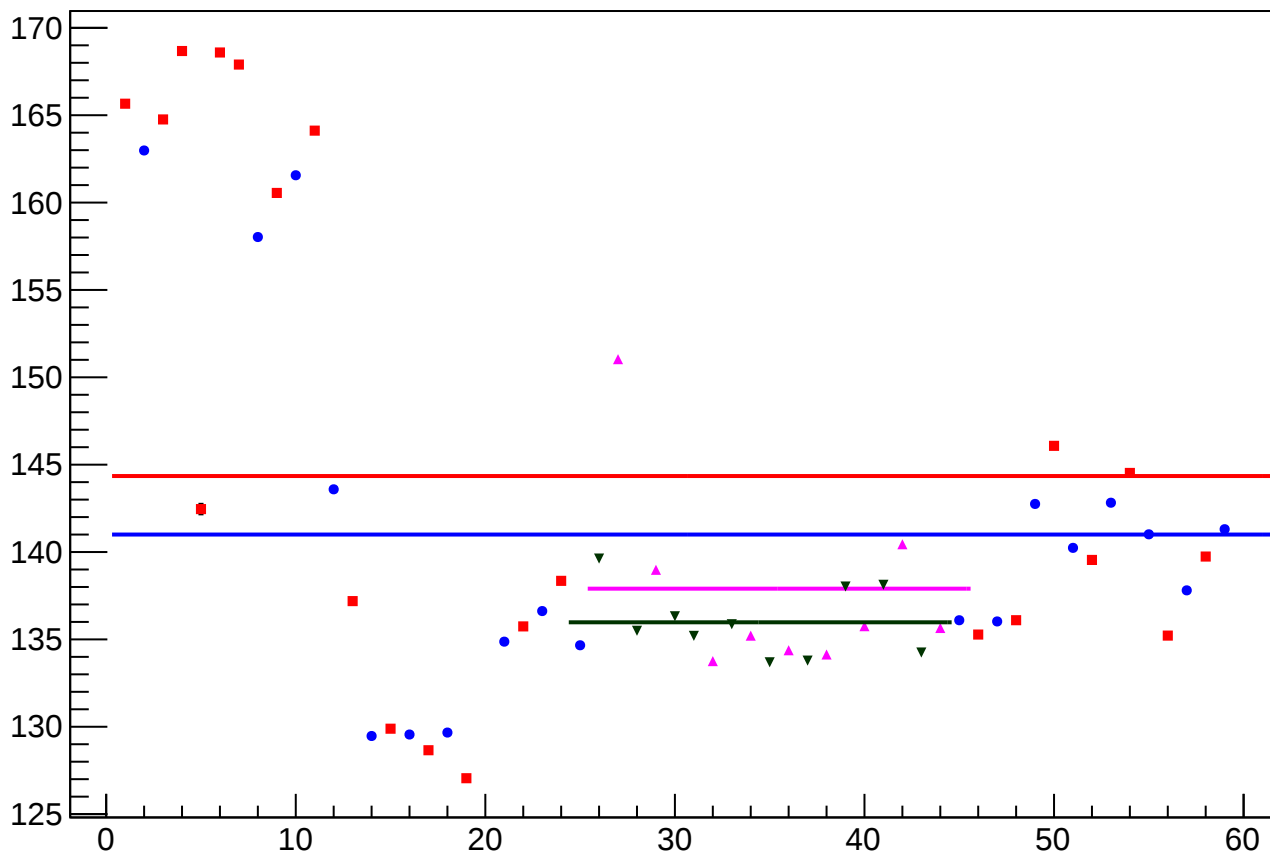
Left Out: 613.726 $\pm$ 59.519 χ^2 /NDF: 11.9/9

494.908 $\pm$ 24.674 χ^2 /NDF: 61.5/57

Right Out: 399.142 $\pm$ 45.302 χ^2 /NDF: 22.1/20

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

reg_asym_left_avg_rms vs slug



Right In: 141.001+/-0.029 χ^2/NDF : 124052.1/17

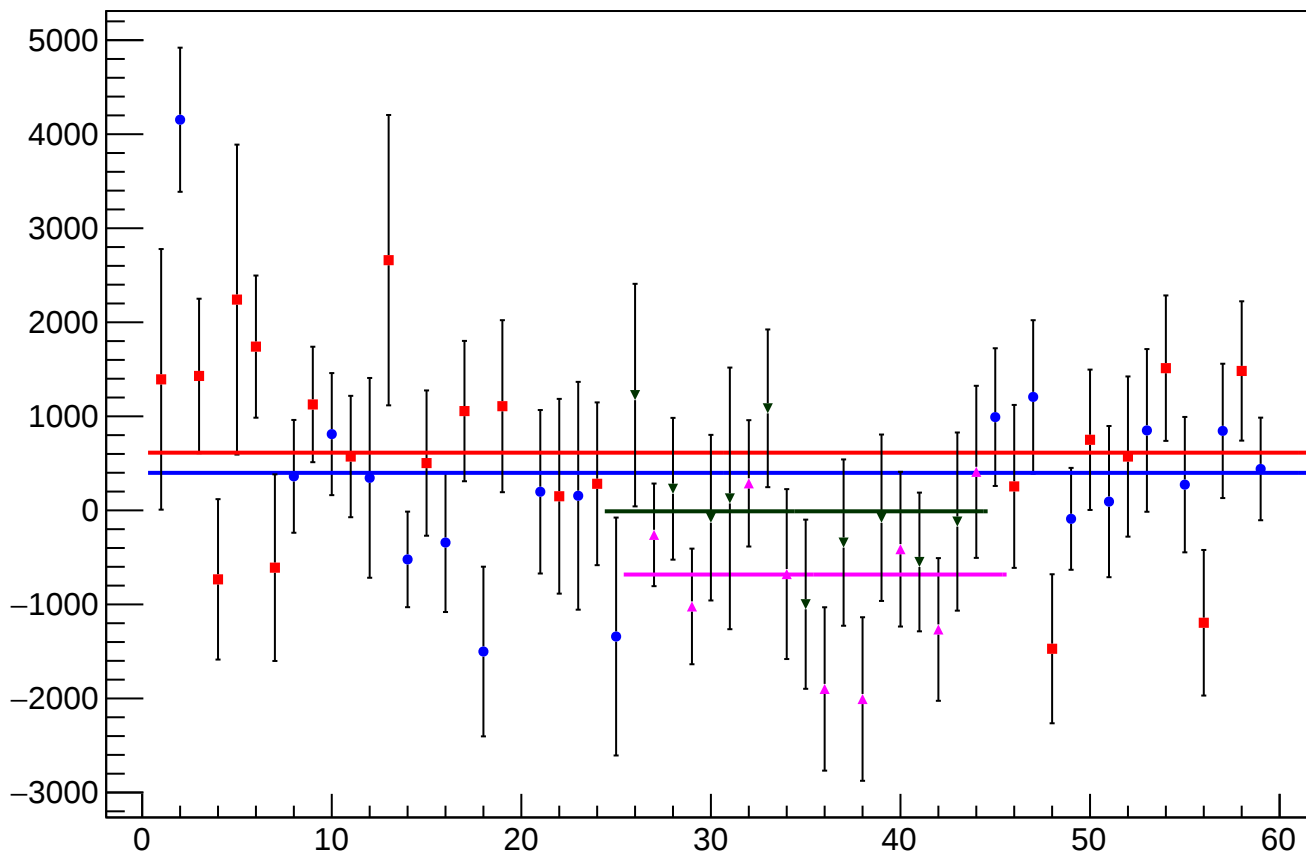
Left Out: 135.978+/-0.042 χ^2/NDF : 1950.2/9

140.572+/-0.017 χ^2/NDF : 358001.5/57

Right Out: 144.350+/-0.032 χ^2/NDF : 184232.8/20

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

asym_left_avg_correction_mean vs slug



Right In: 398.983 ± 170.957 $\chi^2/\text{NDF}: 38.4/17$

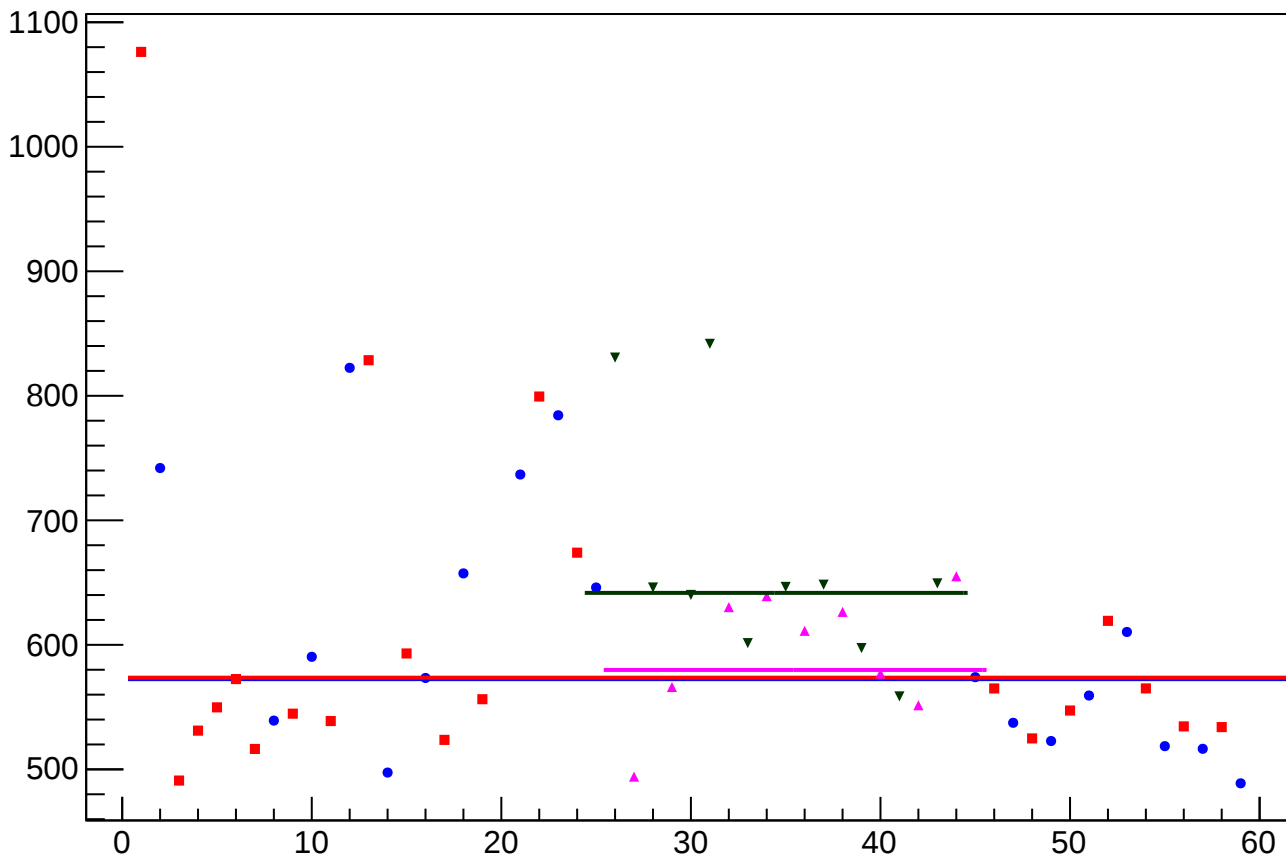
Left Out: -9.921 ± 283.426 $\chi^2/\text{NDF}: 4.8/9$

222.679 ± 103.498 $\chi^2/\text{NDF}: 99.8/57$

Right Out: 613.546 ± 182.013 $\chi^2/\text{NDF}: 27.3/20$

Left In: -682.257 ± 246.151 $\chi^2/\text{NDF}: 9.4/8$

asym_left_avg_correction_rms vs slug



Right In: 572.467+/-0.121 χ^2/NDF : 512552.2/17

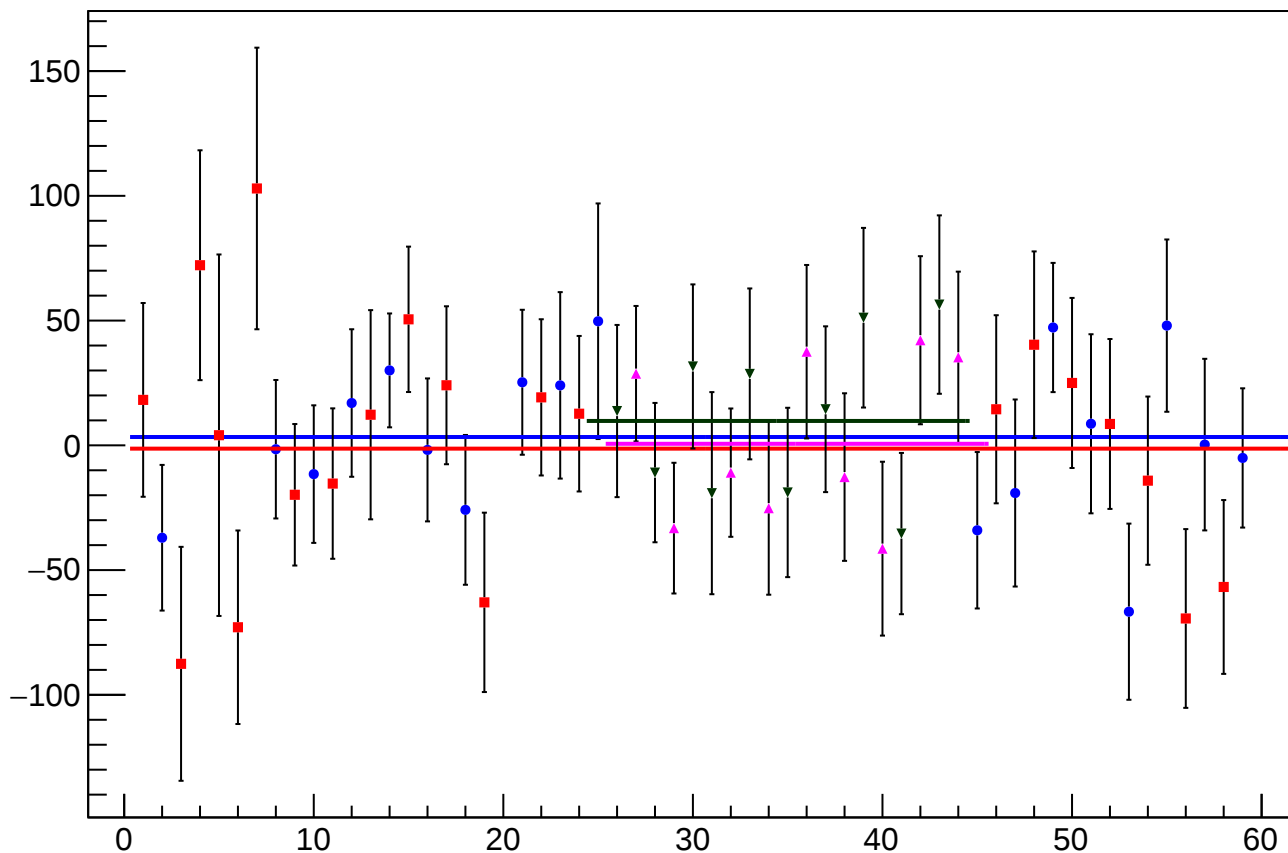
Left Out: 641.730+/-0.200 χ^2/NDF :127789.4/9

Right Out: 573.624+/-0.129 χ^2/NDF : 520225.0/20

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

583.381+/-0.073 χ^2/NDF : 1354525.9/57

reg_asym_left_dd_mean vs slug



Right In: 3.336 ± 7.199 $\chi^2/\text{NDF}: 17.0/17$

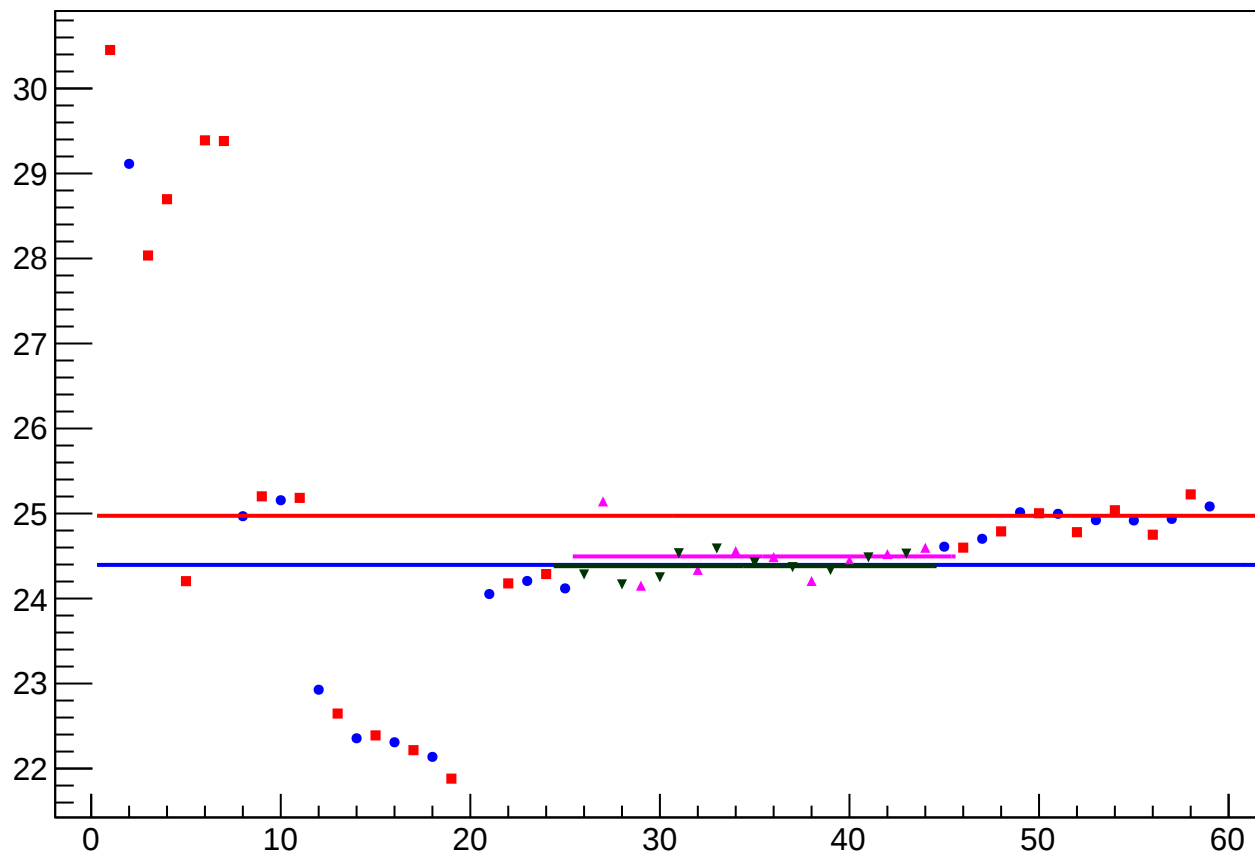
Left Out: 9.773 ± 10.664 $\chi^2/\text{NDF}: 7.5/9$

Right Out: -1.325 ± 7.834 $\chi^2/\text{NDF}: 29.5/20$

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

2.500 ± 4.311 $\chi^2/\text{NDF}: 63.6/57$

reg_asym_left_dd_rms vs slug



Right In: 24.396+/-0.005 χ^2/NDF : 102378.3/17

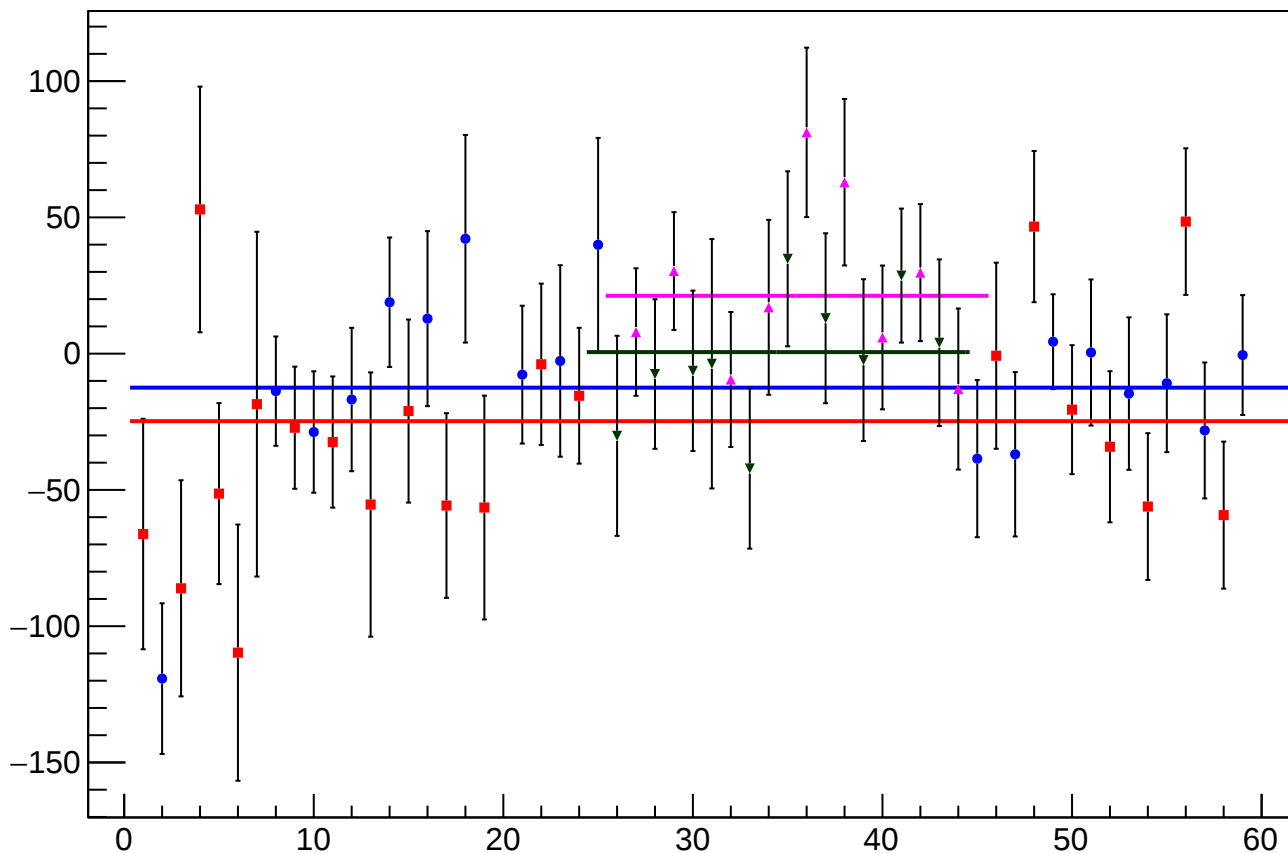
Left Out: 24.380+/-0.008 χ^2/NDF : 328.2/9

Right Out: 24.973+/-0.006 χ^2/NDF : 154619.8/20

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

24.586+/-0.003 χ^2/NDF : 266251.7/57

asym_left_dd_correction_mean vs slug



Right In: -12.477 ± 6.060 χ^2/NDF : 25.2/17

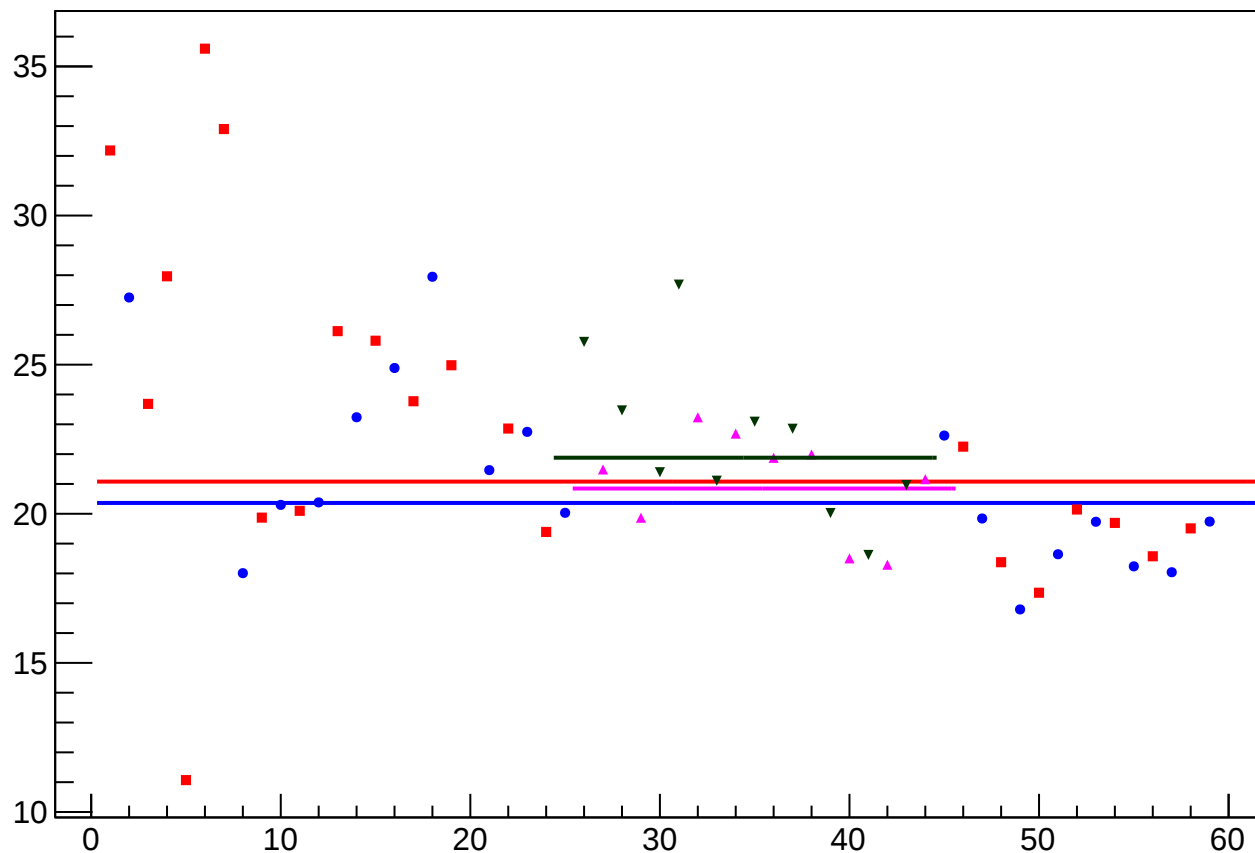
Left Out: 0.565 ± 9.660 χ^2/NDF : 5.6/9

-8.312 ± 3.709 χ^2/NDF : 89.1/57

Right Out: -24.782 ± 6.754 χ^2/NDF : 30.5/20

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

asym_left_dd_correction_rms vs slug



Right In: 20.363+/-0.004 χ^2/NDF : 452705.7/17

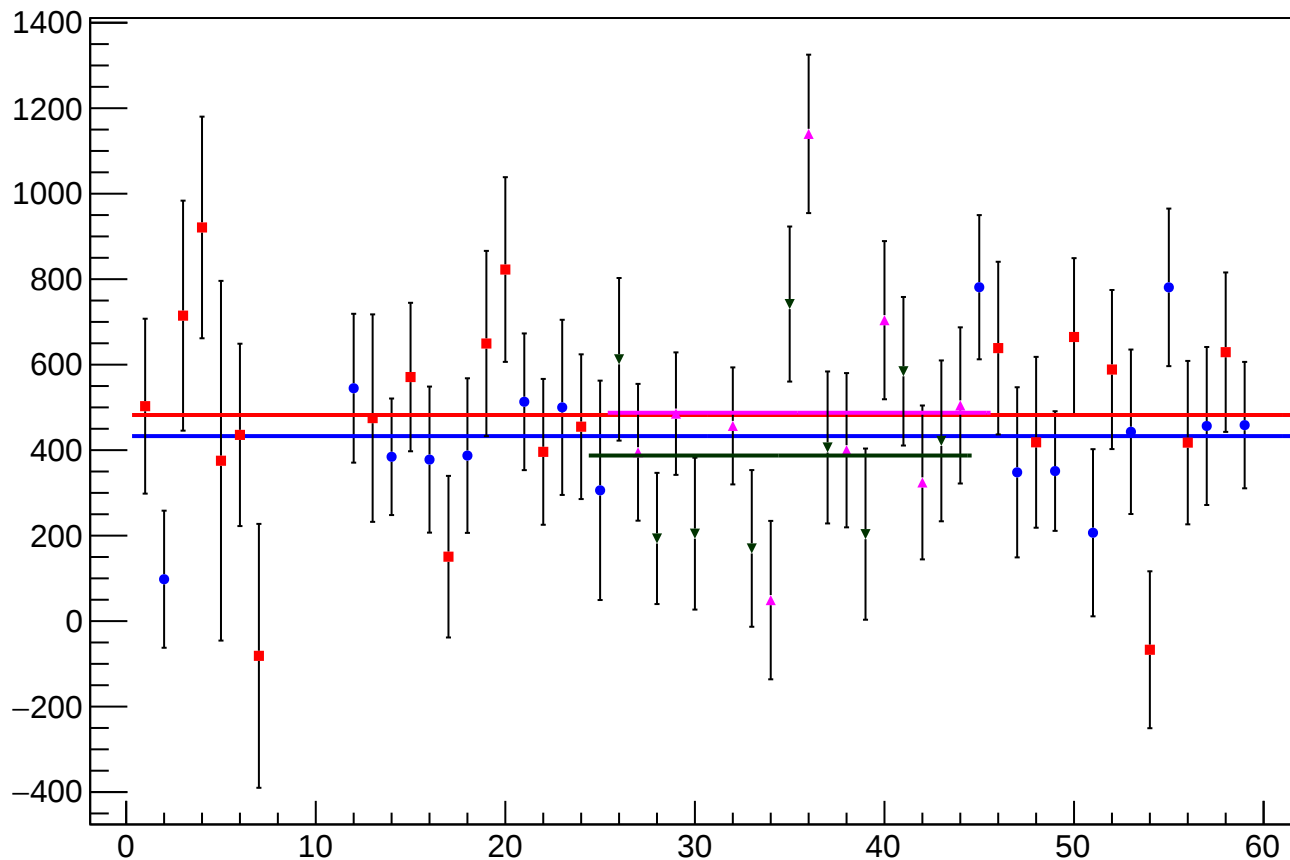
Left Out: 21.880+/-0.007 χ^2/NDF : 112714.4/9

Right Out: 21.079+/-0.005 χ^2/NDF : 855557.2/20

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

20.888+/-0.003 χ^2/NDF : 1531125.4/57

reg_asym_right_avg_mean vs slug



Right In: 432.872 ± 43.127 $\chi^2/\text{NDF}: 15.4/15$

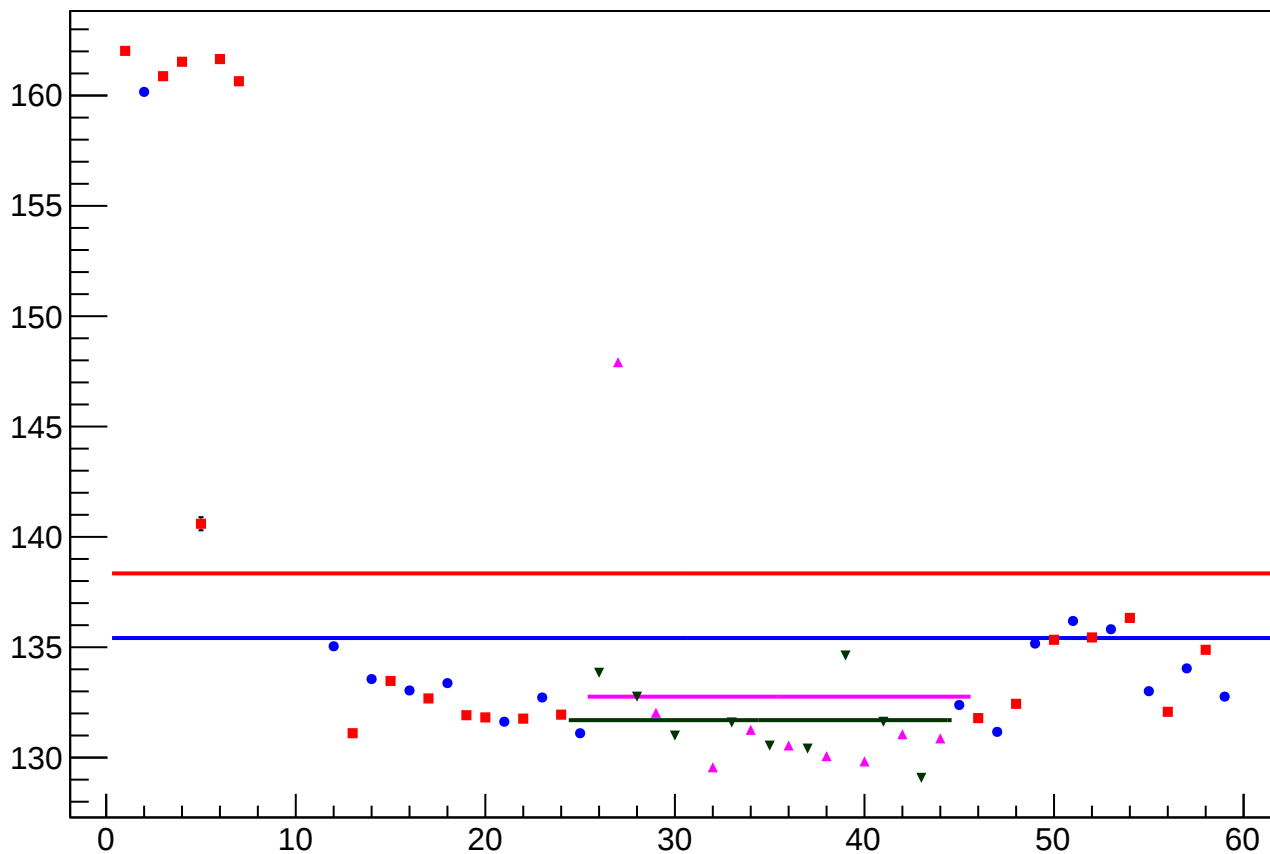
Left Out: 387.415 ± 59.778 $\chi^2/\text{NDF}: 11.5/8$

Right Out: 482.228 ± 45.916 $\chi^2/\text{NDF}: 25.5/19$

Left In: 487.470 ± 55.895 $\chi^2/\text{NDF}: 20.8/8$

450.345 ± 24.908 $\chi^2/\text{NDF}: 75.3/53$

reg_asym_right_avg_rms vs slug



Right In: 135.417+/-0.030 χ^2/NDF : 53385.7/15

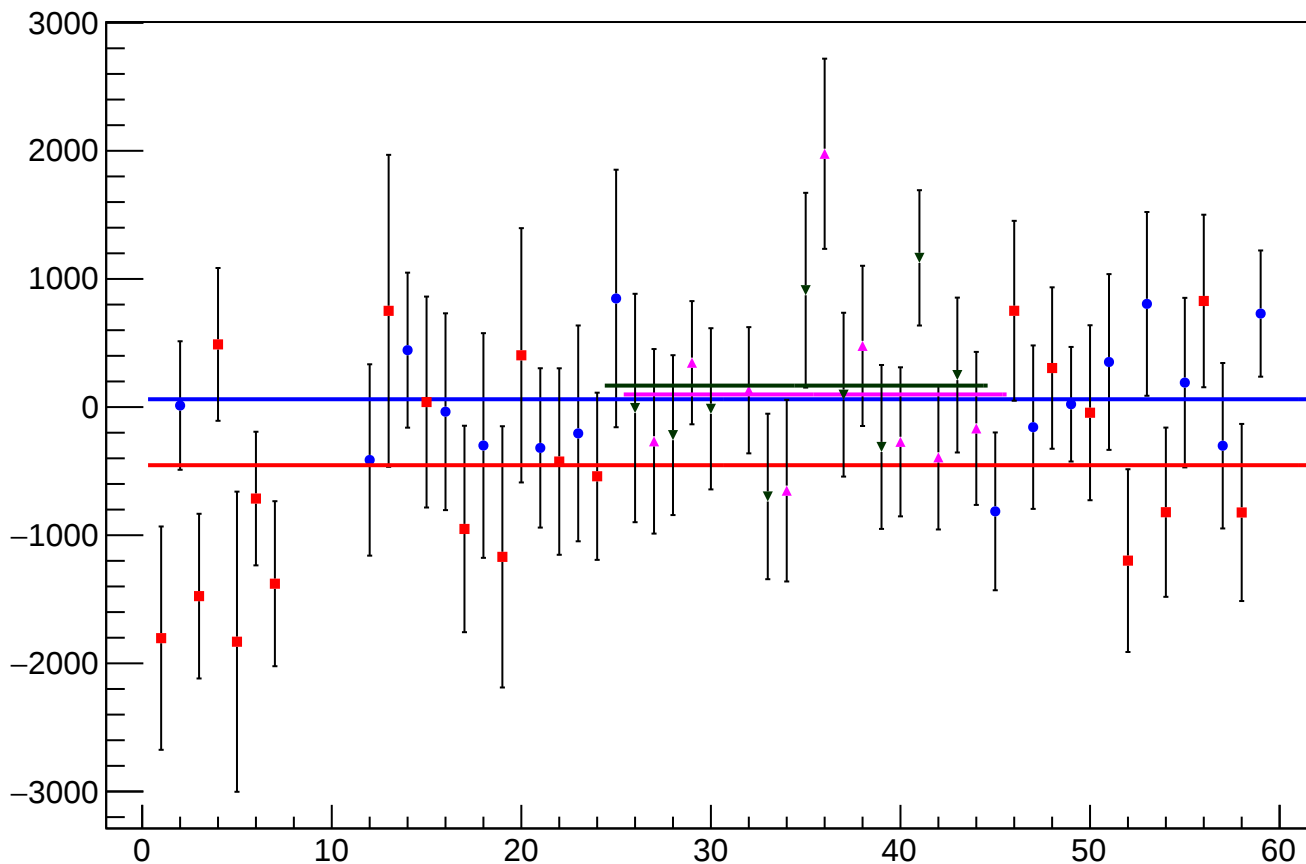
Left Out: 131.696+/-0.042 χ^2/NDF : 1383.5/8

135.105+/-0.018 χ^2/NDF : 209402.9/53

Right Out: 138.346+/-0.032 χ^2/NDF : 113694.2/19

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

asym_right_avg_correction_mean vs slug



Right In: 61.140 $\pm$ 159.188 χ^2/NDF : 7.7/15

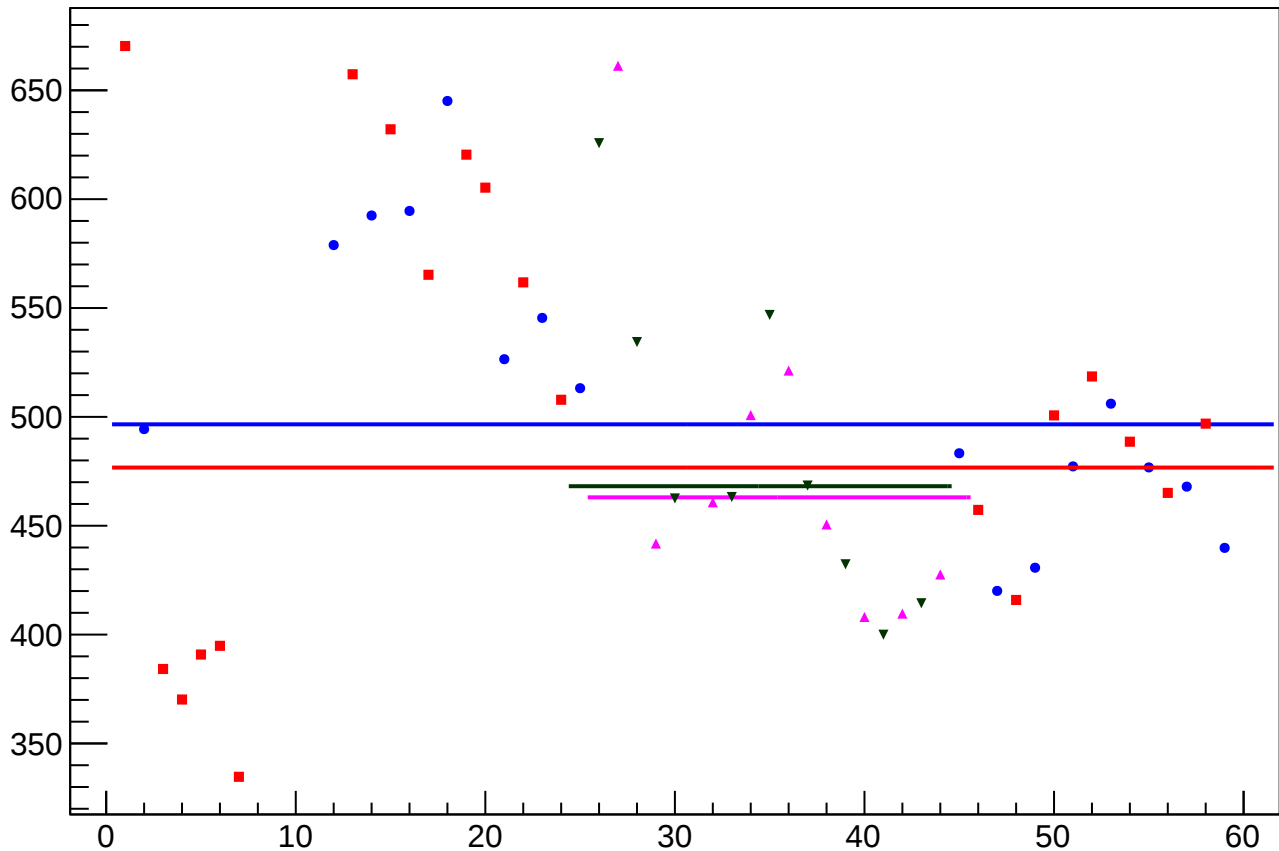
Left Out: 167.658 $\pm$ 214.670 χ^2/NDF : 7.4/8

-70.956 $\pm$ 89.318 χ^2/NDF : 57.3/53

Right Out: -453.577 $\pm$ 161.104 χ^2/NDF : 24.2/19

Left In: 98.634 $\pm$ 197.418 χ^2/NDF : 9.8/8

asym_right_avg_correction_rms vs slug



Right In: 496.581+/-0.113 χ^2/NDF : 283842.2/15

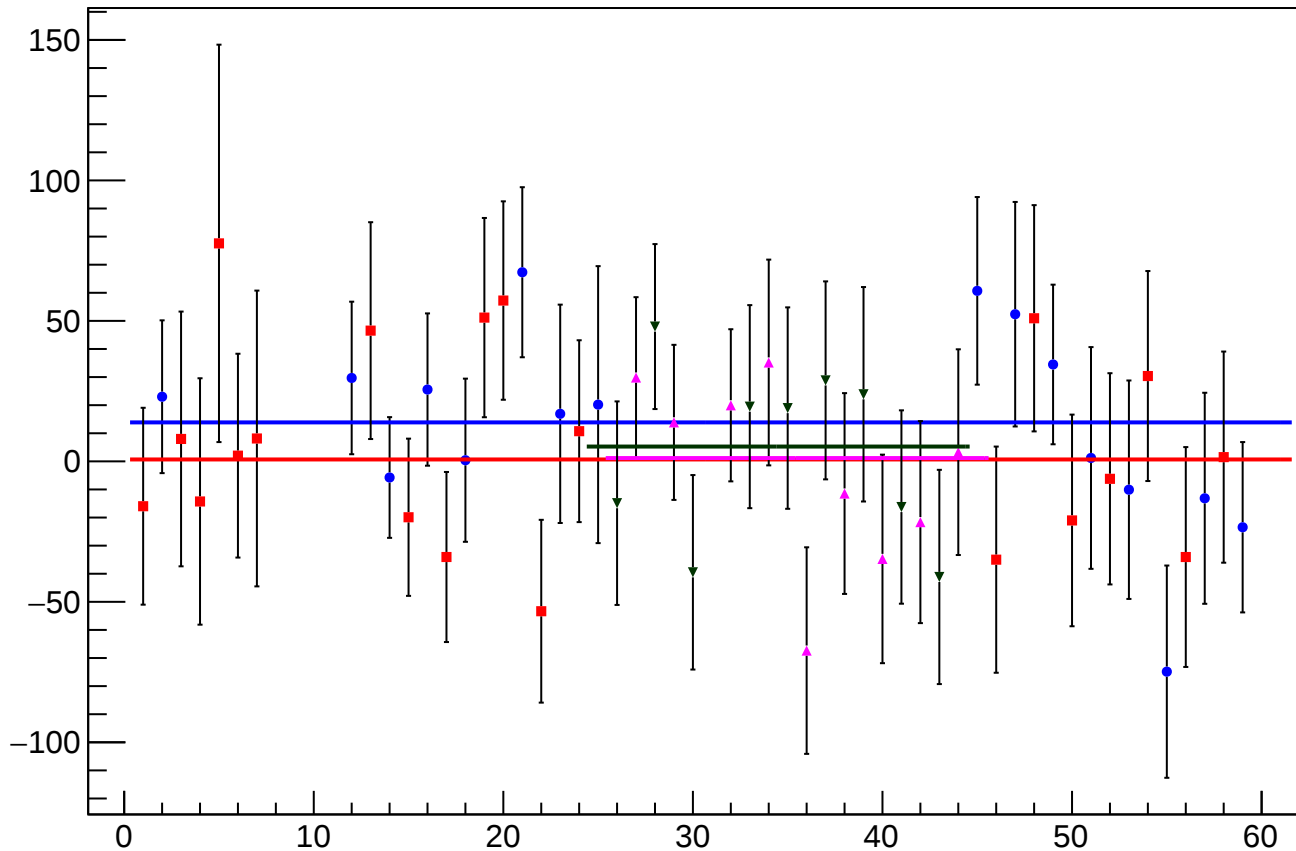
Left Out: 468.153+/-0.152 χ^2/NDF : 162231.1/8

Right Out: 476.725+/-0.114 χ^2/NDF : 638546.9/19

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

478.691+/-0.063 χ^2/NDF : 1344711.5/53

reg_asym_right_dd_mean vs slug



Right In: 13.868 $\pm$ 7.868 χ^2 /NDF: 16.3/15

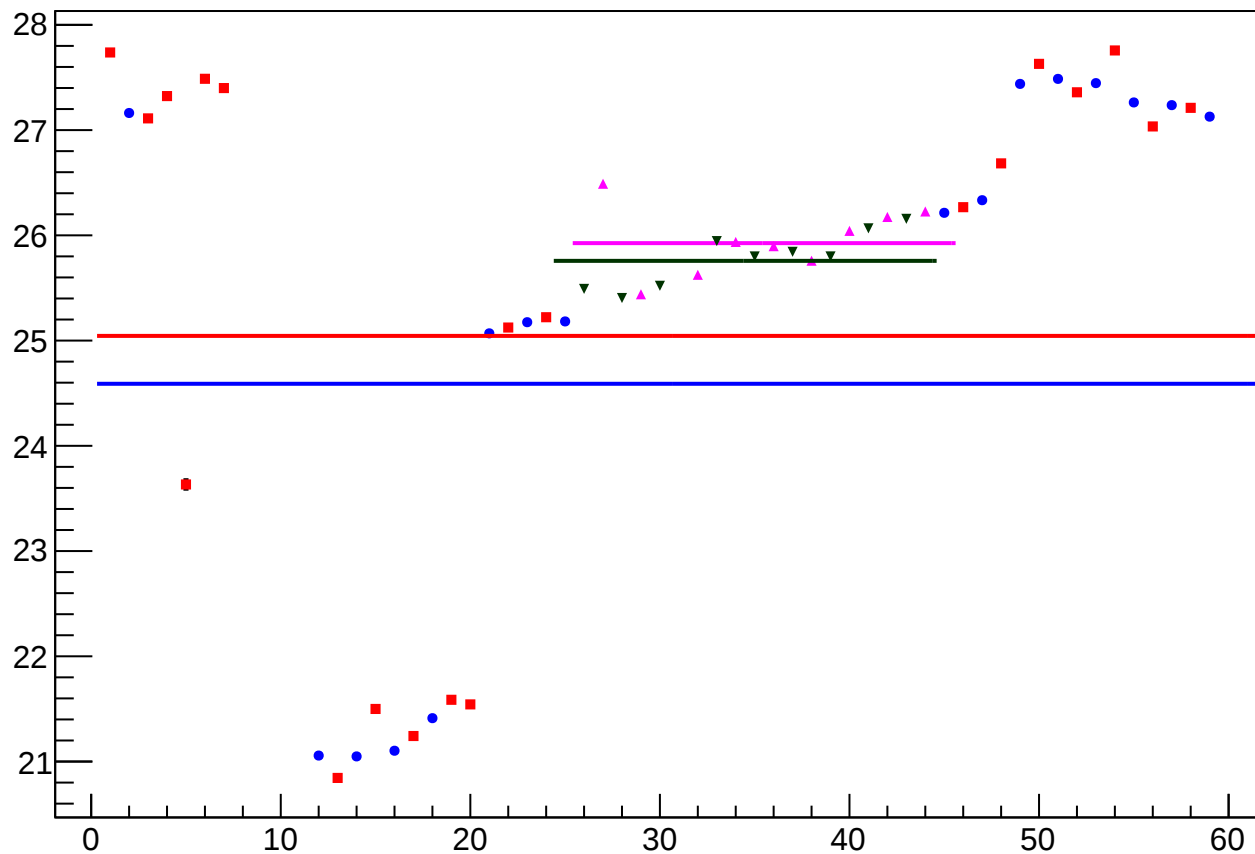
Left Out: 5.270 $\pm$ 11.684 χ^2 /NDF: 7.0/8

6.096 $\pm$ 4.648 χ^2 /NDF: 48.8/53

Right Out: 0.675 $\pm$ 8.333 χ^2 /NDF: 16.4/19

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

reg_asym_right_dd_rms vs slug



Right In: 24.589+/-0.006 χ^2/NDF : 248610.8/15

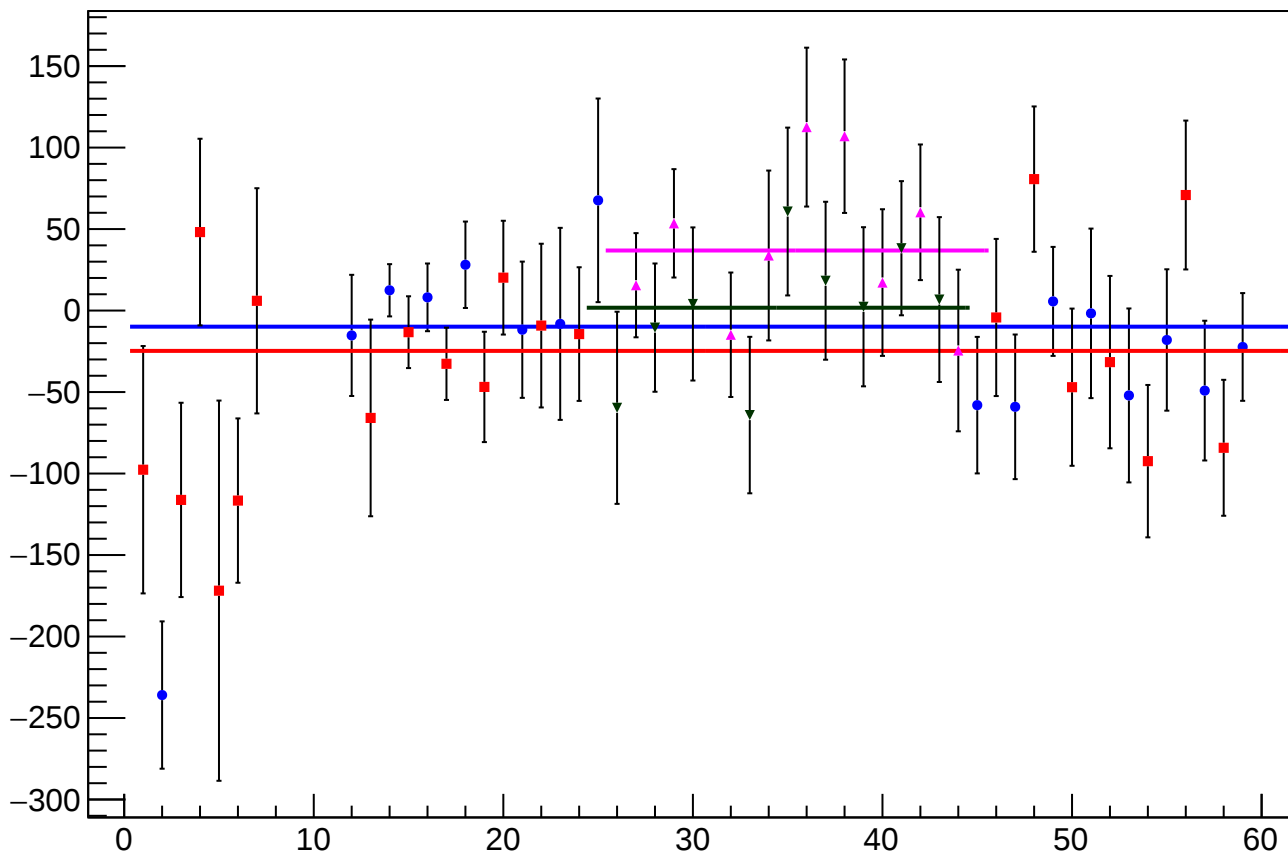
Left Out: 25.758+/-0.008 χ^2/NDF : 942.7/8

Right Out: 25.044+/-0.006 χ^2/NDF : 205862.1/19

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

25.159+/-0.003 χ^2/NDF : 483358.1/53

asym_right_dd_correction_mean vs slug



Right In: -9.885 ± 8.263 χ^2/NDF : 35.7/15

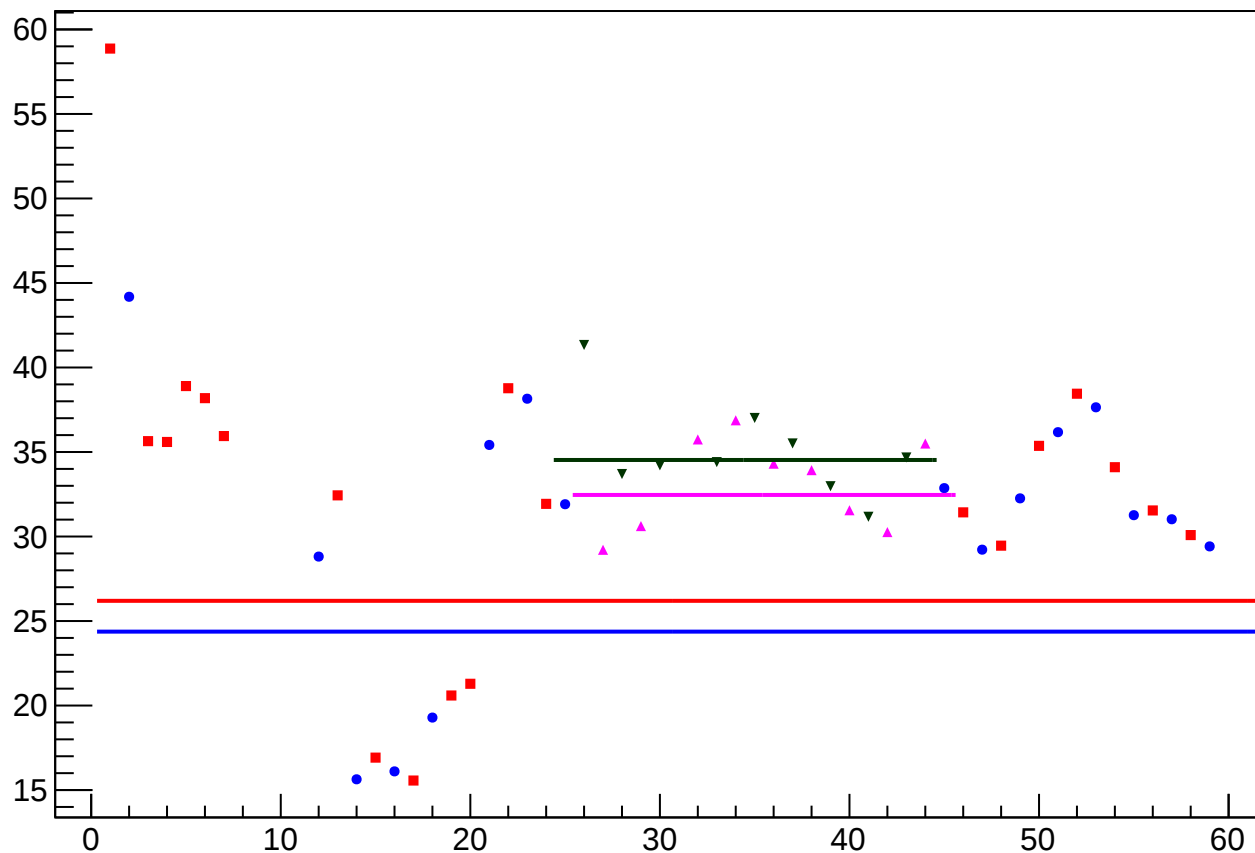
Left Out: 1.740 ± 15.763 χ^2/NDF : 5.3/8

Right Out: -24.747 ± 9.237 χ^2/NDF : 27.6/19

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

-6.531 ± 5.294 χ^2/NDF : 92.1/53

asym_right_dd_correction_rms vs slug



Right In: 24.373+/-0.006 χ^2 /NDF: 2264753.9/15

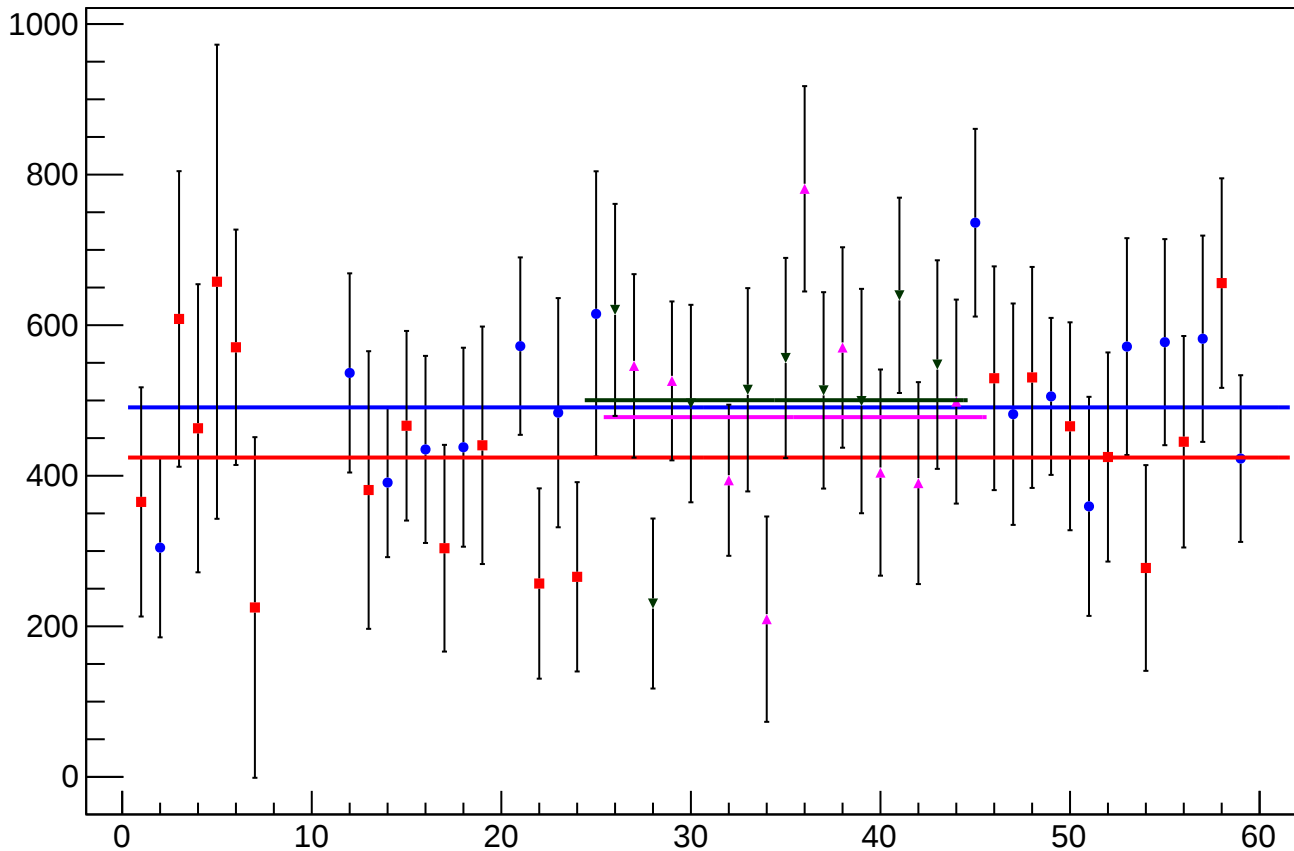
Left Out: 34.528+/-0.011 χ^2 /NDF: 48487.1/8

Right Out: 26.195+/-0.007 χ^2 /NDF: 2061851.1/19

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

27.315+/-0.004 χ^2 /NDF: 5431384.0/53

reg_asym_us_avg_mean vs slug



Right In: 490.833 ± 31.930 χ^2/NDF : 11.1/15

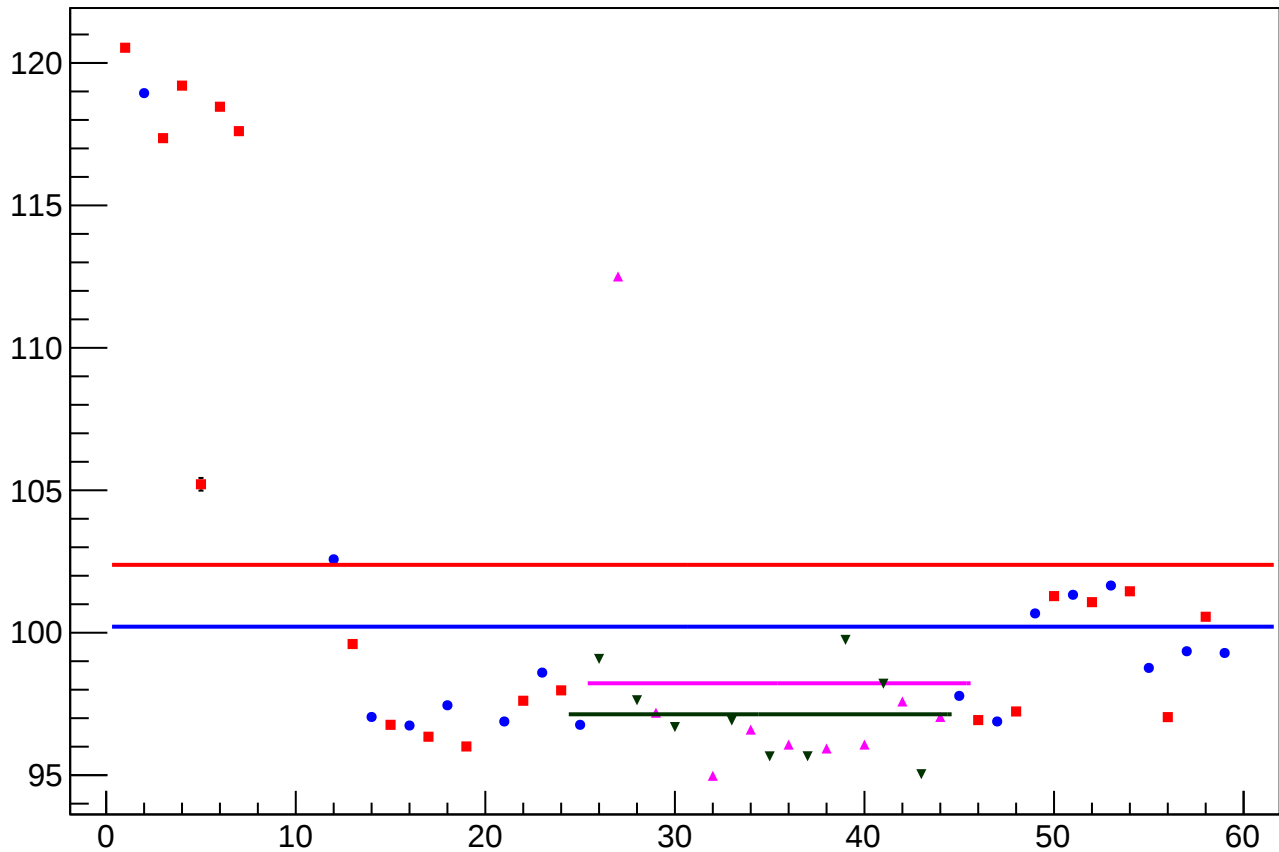
Left Out: 500.356 ± 44.116 χ^2/NDF : 7.9/8

470.892 ± 18.541 χ^2/NDF : 45.6/52

Right Out: 424.203 ± 34.702 χ^2/NDF : 12.6/18

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

reg_asym_us_avg_rms vs slug



Right In: 100.212 $\pm$ 0.023 χ^2 /NDF: 59597.4/15

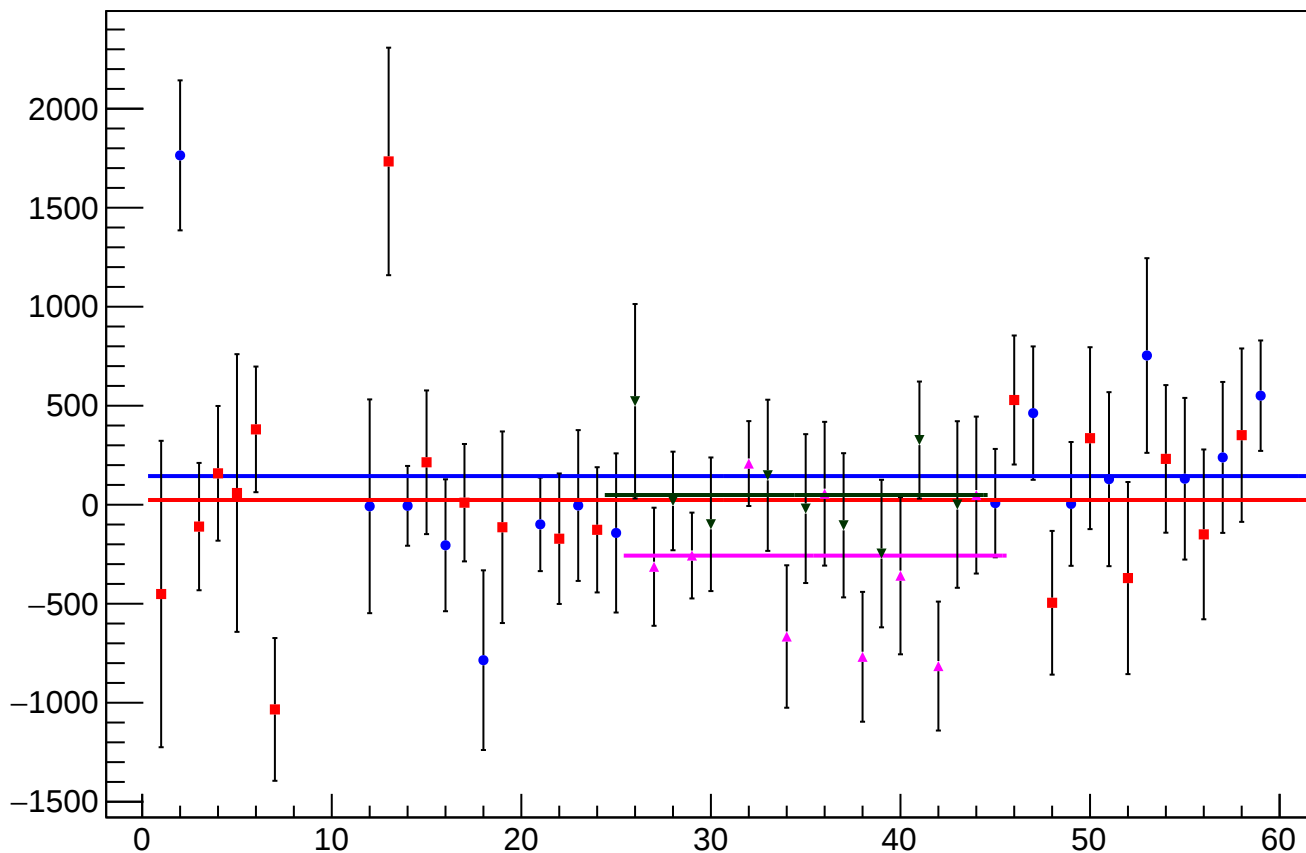
Left Out: 97.137 $\pm$ 0.031 χ^2 /NDF: 2162.7/8

99.890 $\pm$ 0.013 χ^2 /NDF: 226699.7/52

Right Out: 102.383 $\pm$ 0.025 χ^2 /NDF: 111573.0/18

Left In: 98.225 $\pm$ 0.029 χ^2 /NDF: 31817.4/8

asym_us_avg_correction_mean vs slug



Right In: 144.669 $\pm$ 82.379 χ^2 /NDF: 31.0/15

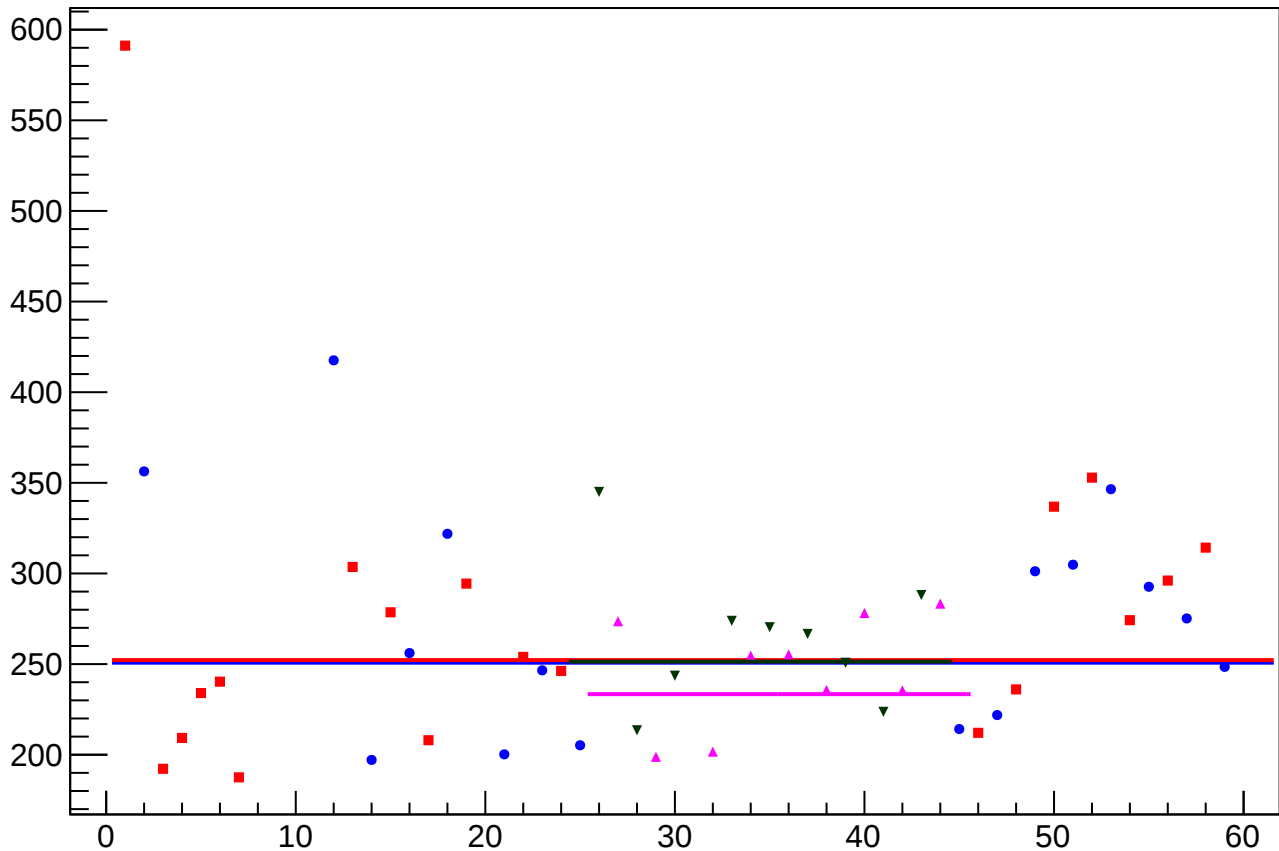
Left Out: 49.096 $\pm$ 115.577 χ^2 /NDF: 2.9/8

Right Out: 23.902 $\pm$ 88.046 χ^2 /NDF: 27.0/18

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

4.650 $\pm$ 47.022 χ^2 /NDF: 83.7/52

asym_us_avg_correction_rms vs slug



Right In: 250.790+/-0.058 χ^2/NDF : 893098.6/15

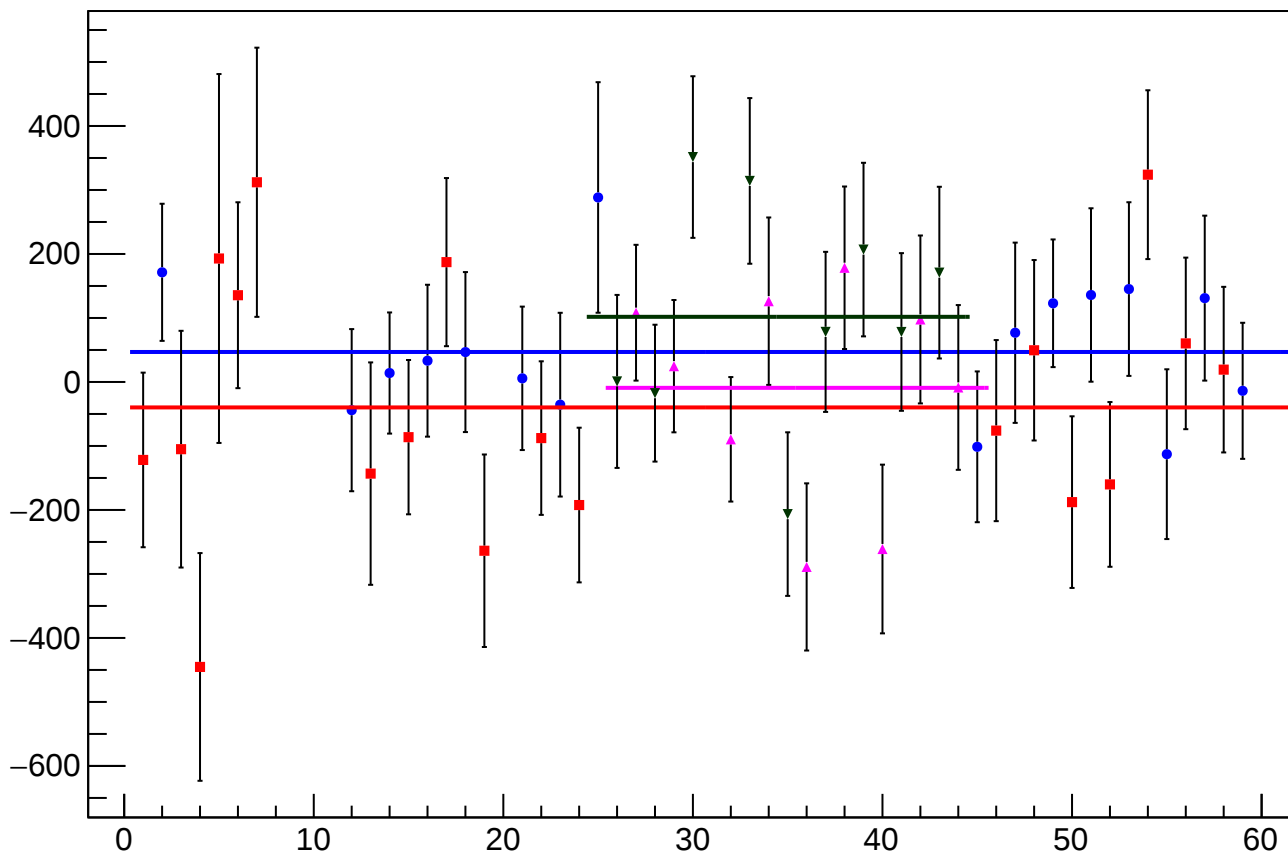
Left Out: 251.356+/-0.082 χ^2/NDF : 168505.5/8

247.408+/-0.033 χ^2/NDF : 2212852.2/52

Right Out: 252.214+/-0.062 χ^2/NDF : 897279.8/18

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

reg_asym_us_dd_mean vs slug



Right In: 46.860 ± 30.257 $\chi^2/\text{NDF}: 9.6/15$

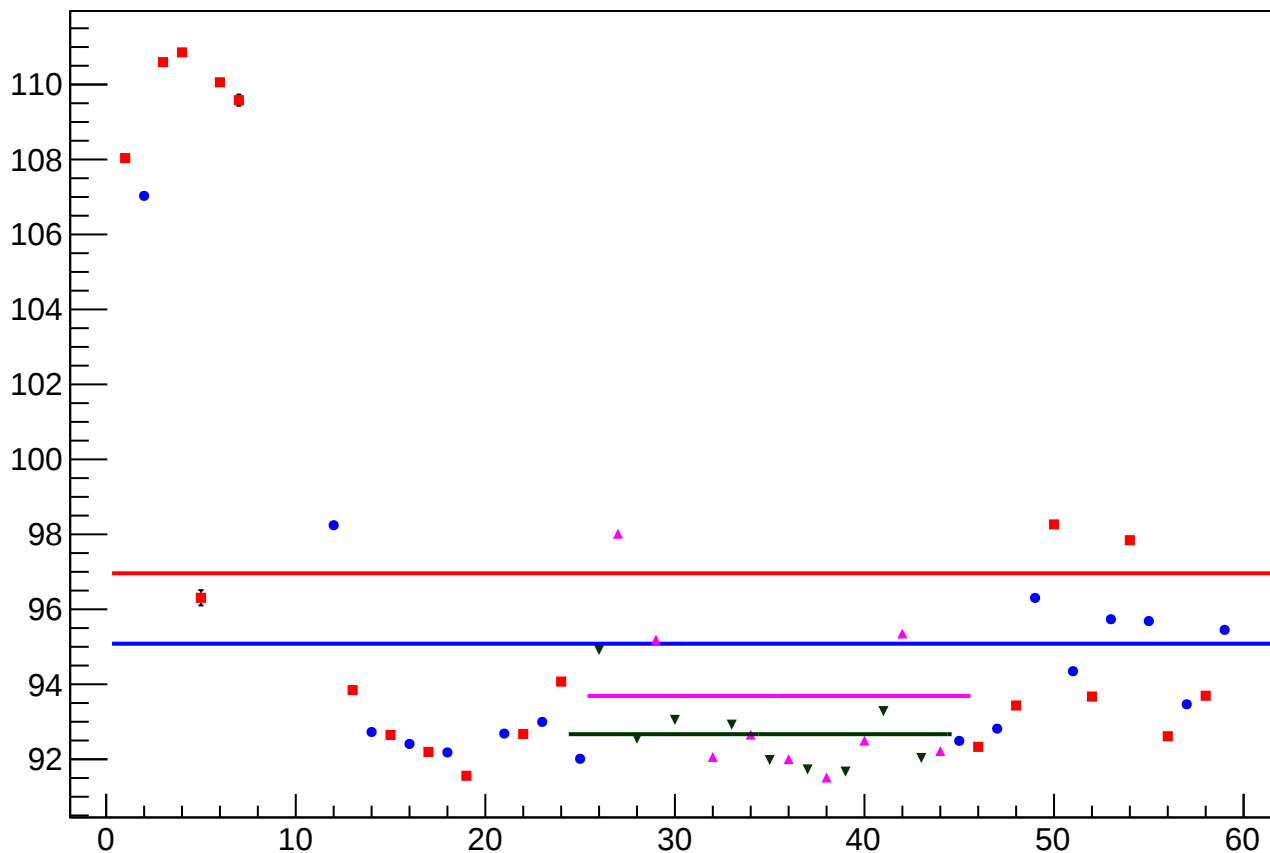
Left Out: 101.794 ± 42.049 $\chi^2/\text{NDF}: 15.2/8$

Right Out: -39.782 ± 32.832 $\chi^2/\text{NDF}: 29.0/18$

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

20.425 ± 17.599 $\chi^2/\text{NDF}: 76.4/52$

reg_asym_us_dd_rms vs slug



Right In: 95.083+/-0.021 χ^2/NDF : 33645.3/15

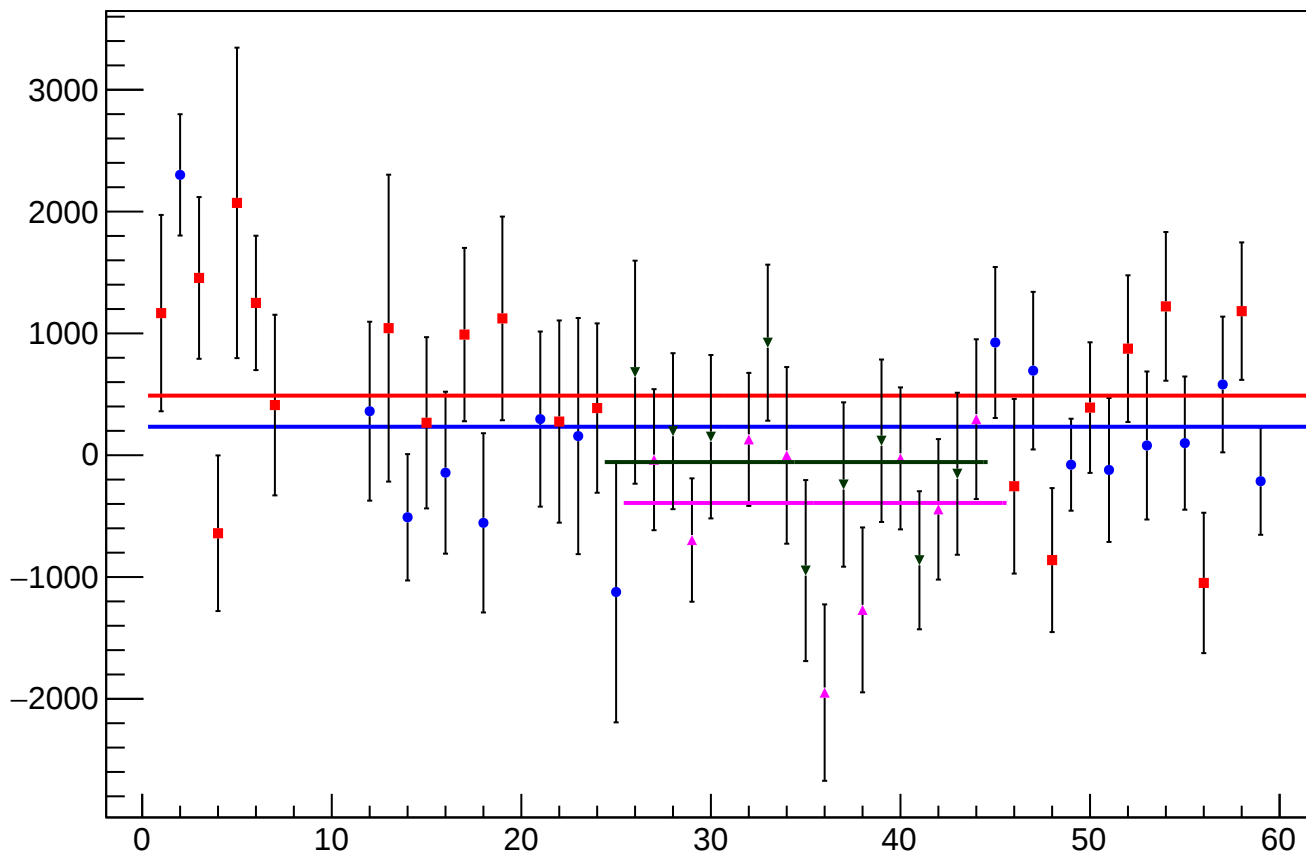
Left Out: 92.669+/-0.030 χ^2/NDF : 955.5/8

94.922+/-0.012 χ^2/NDF : 136383.3/52

Right Out: 96.961+/-0.023 χ^2/NDF : 80211.1/18

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

asym_us_dd_correction_mean vs slug



Right In: 233.668 ± 146.003 $\chi^2/\text{NDF}: 26.8/15$

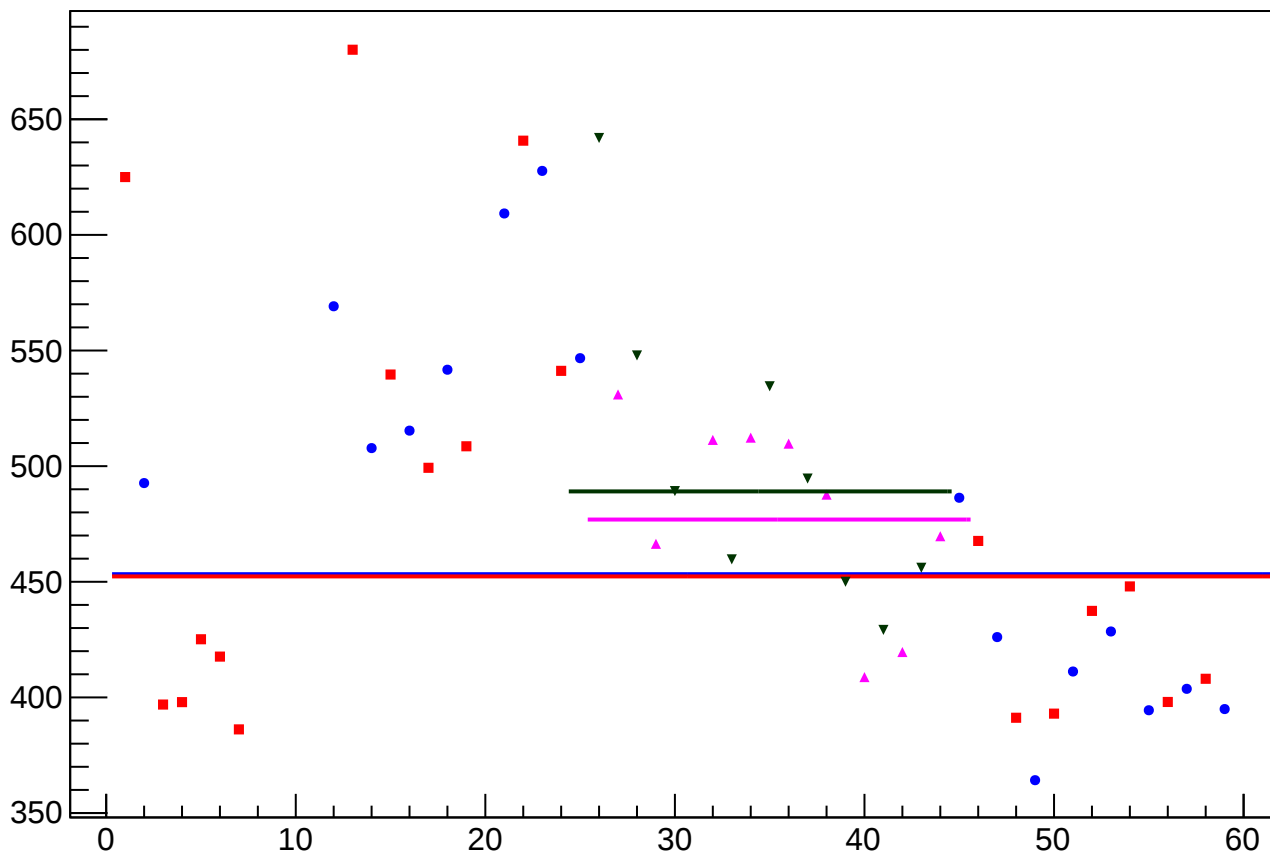
Left Out: -56.319 ± 224.014 $\chi^2/\text{NDF}: 6.9/8$

Right Out: 489.208 ± 155.326 $\chi^2/\text{NDF}: 27.7/18$

Left In: -391.848 ± 202.004 $\chi^2/\text{NDF}: 9.7/8$

154.477 ± 86.778 $\chi^2/\text{NDF}: 84.2/52$

asym_us_dd_correction_rms vs slug



Right In: 453.285+/-0.103 χ^2/NDF : 513104.4/15

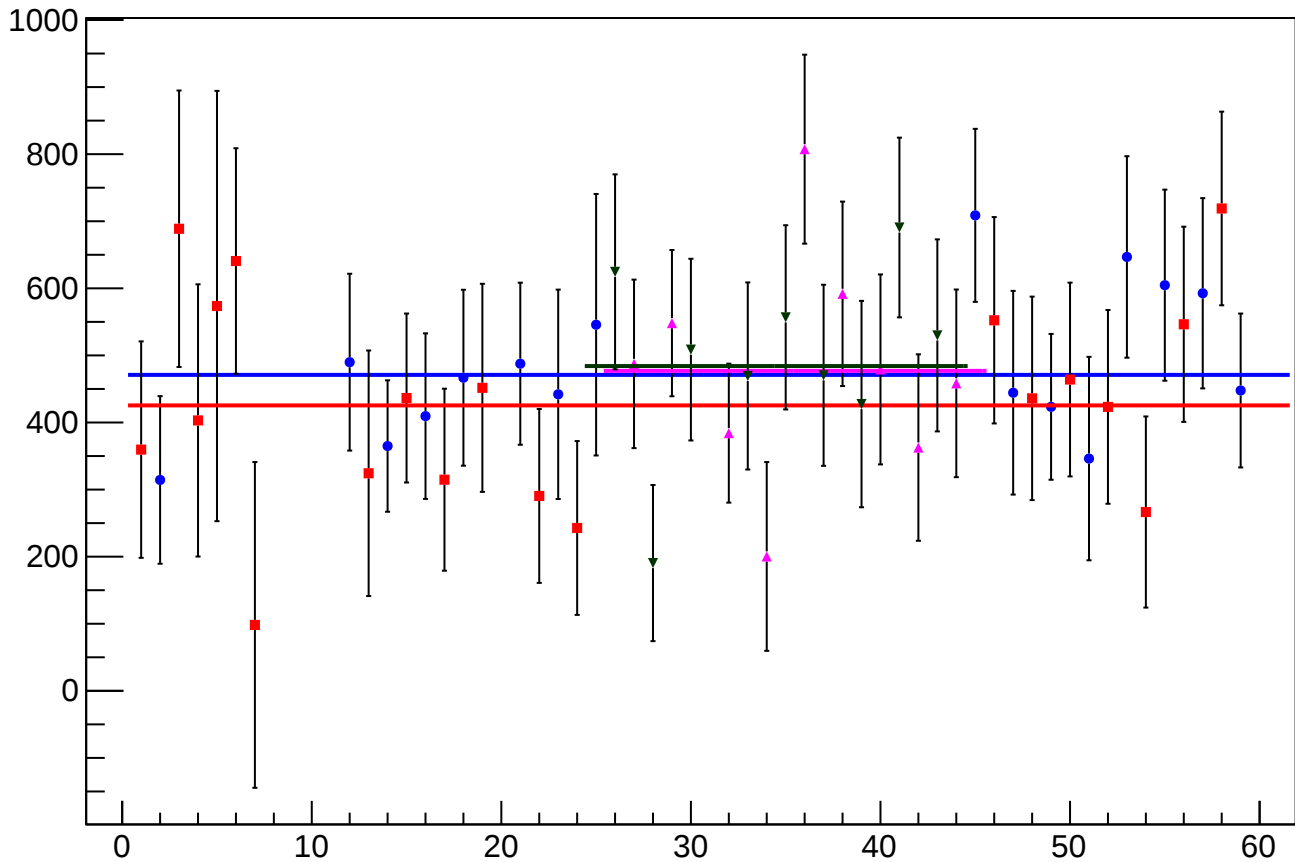
Left Out: 489.081+/-0.158 χ^2/NDF : 118576.3/8

462.717+/-0.061 χ^2/NDF : 1242514.5/52

Right Out: 452.322+/-0.110 χ^2/NDF : 472971.4/18

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

reg_asym_ds_avg_mean vs slug



Right In: 470.980 $\pm$ 32.674 χ^2 /NDF: 10.5/15

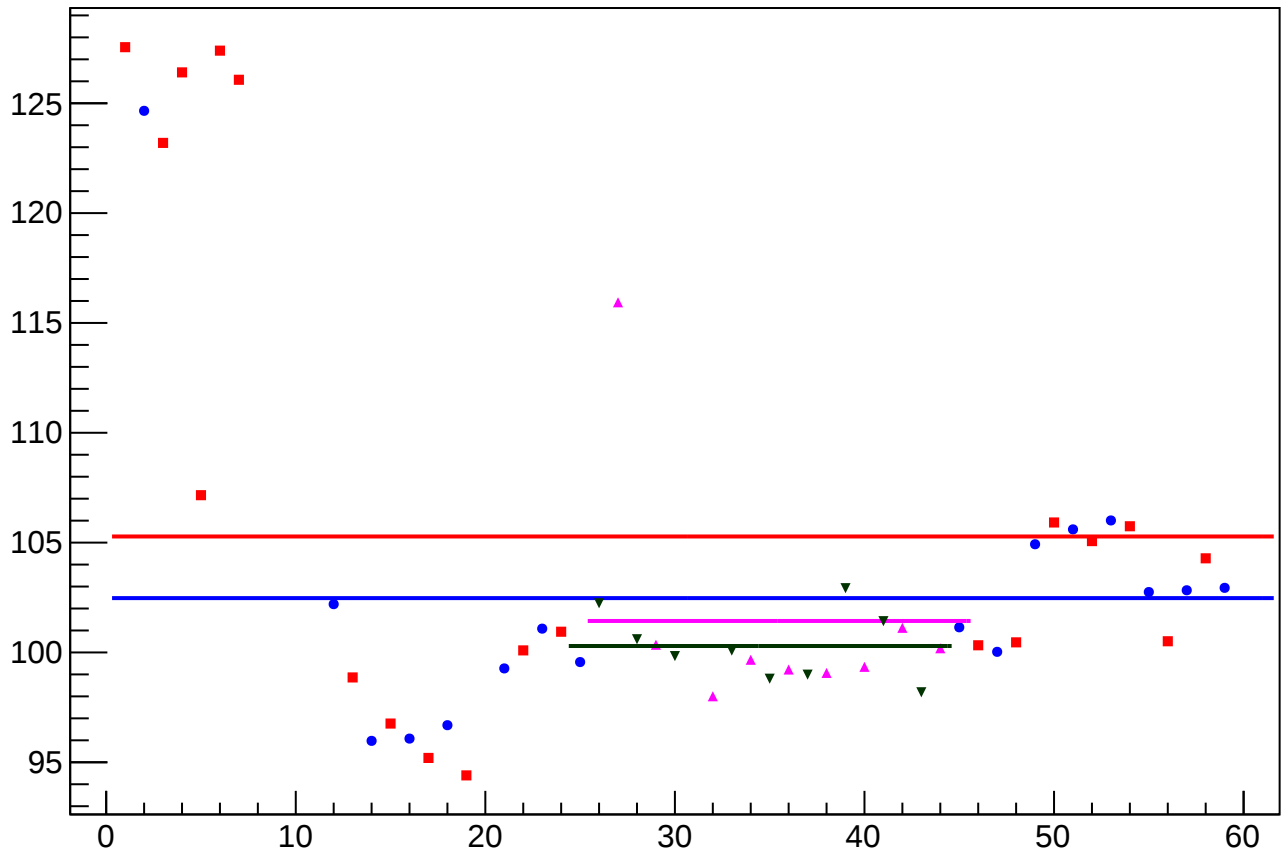
Left Out: 484.116 $\pm$ 45.554 χ^2 /NDF:10.3/8

461.514 $\pm$ 19.075 χ^2 /NDF: 50.7/52

Right Out: 425.468 $\pm$ 35.749 χ^2 /NDF: 16.4/18

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

reg_asym_ds_avg_rms vs slug



Right In: 102.474+/-0.023 χ^2/NDF : 86898.1/15

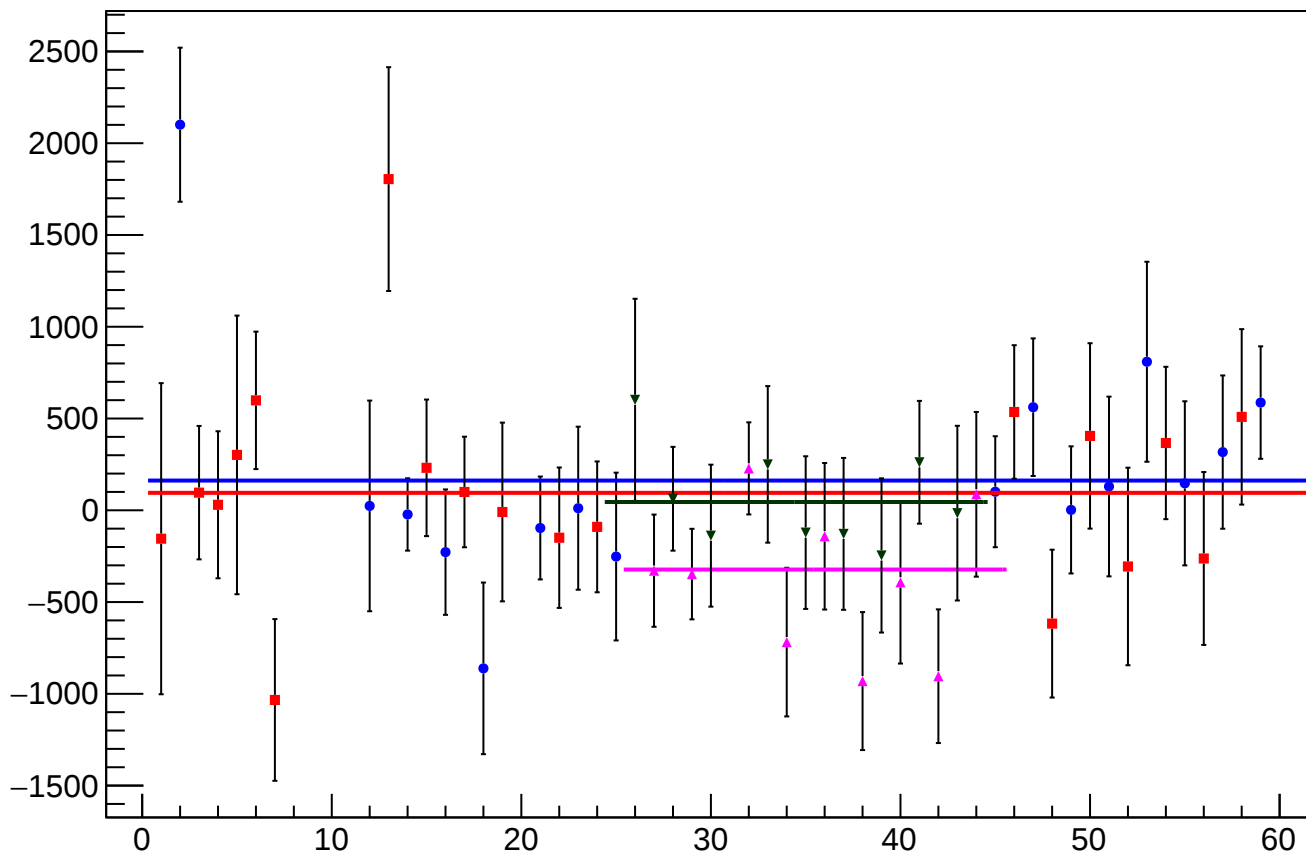
Left Out: 100.293+/-0.032 χ^2/NDF : 1983.2/8

102.683+/-0.013 χ^2/NDF : 306426.5/52

Right Out: 105.279+/-0.025 χ^2/NDF : 168615.9/18

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

asym_ds_avg_correction_mean vs slug



Right In: 162.016 $\pm$ 89.261 χ^2 /NDF: 35.0/15

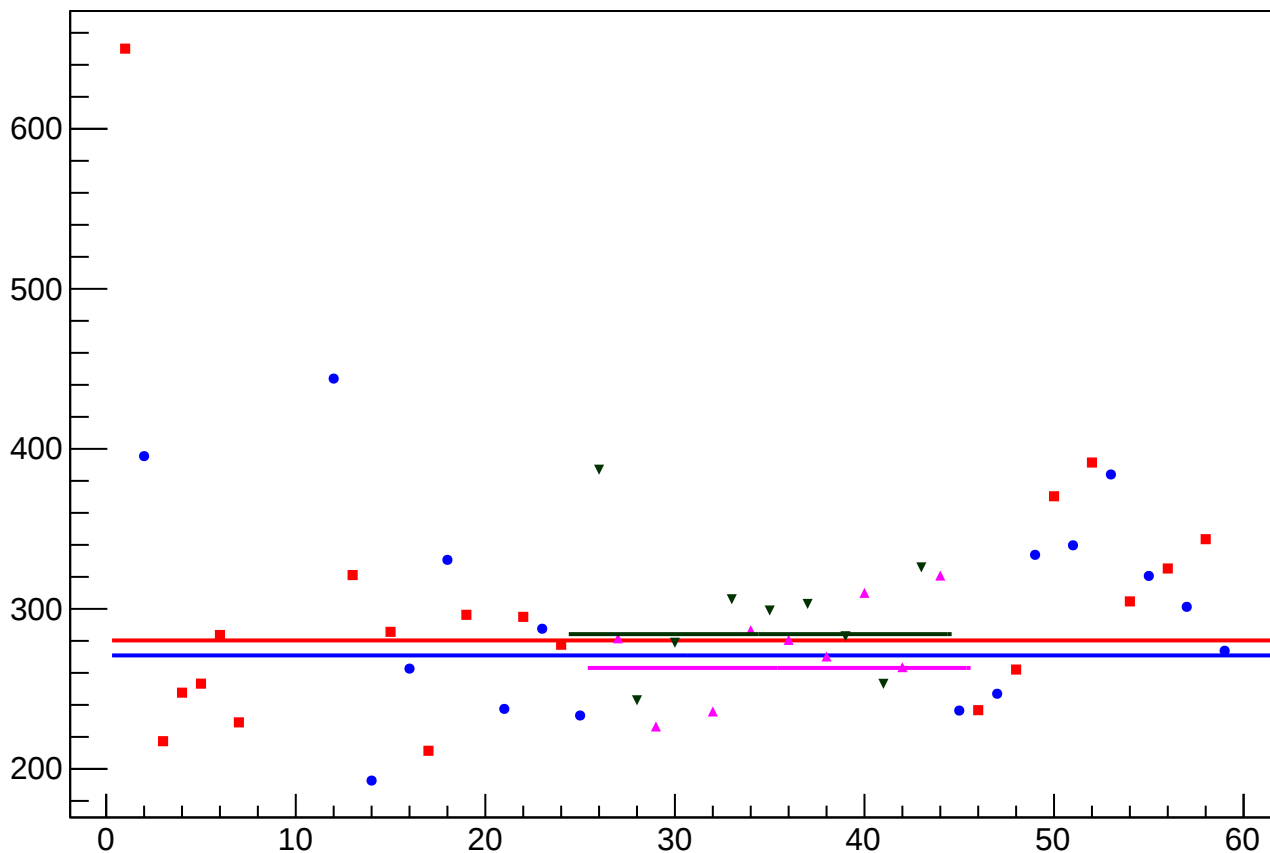
Left Out: 45.072 $\pm$ 130.602 χ^2 /NDF: 2.7/8

Right Out: 95.063 $\pm$ 97.659 χ^2 /NDF: 24.6/18

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

19.230 $\pm$ 52.053 χ^2 /NDF: 86.9/52

asym_ds_avg_correction_rms vs slug



Right In: 270.910+/-0.063 χ^2/NDF : 1012526.2/15

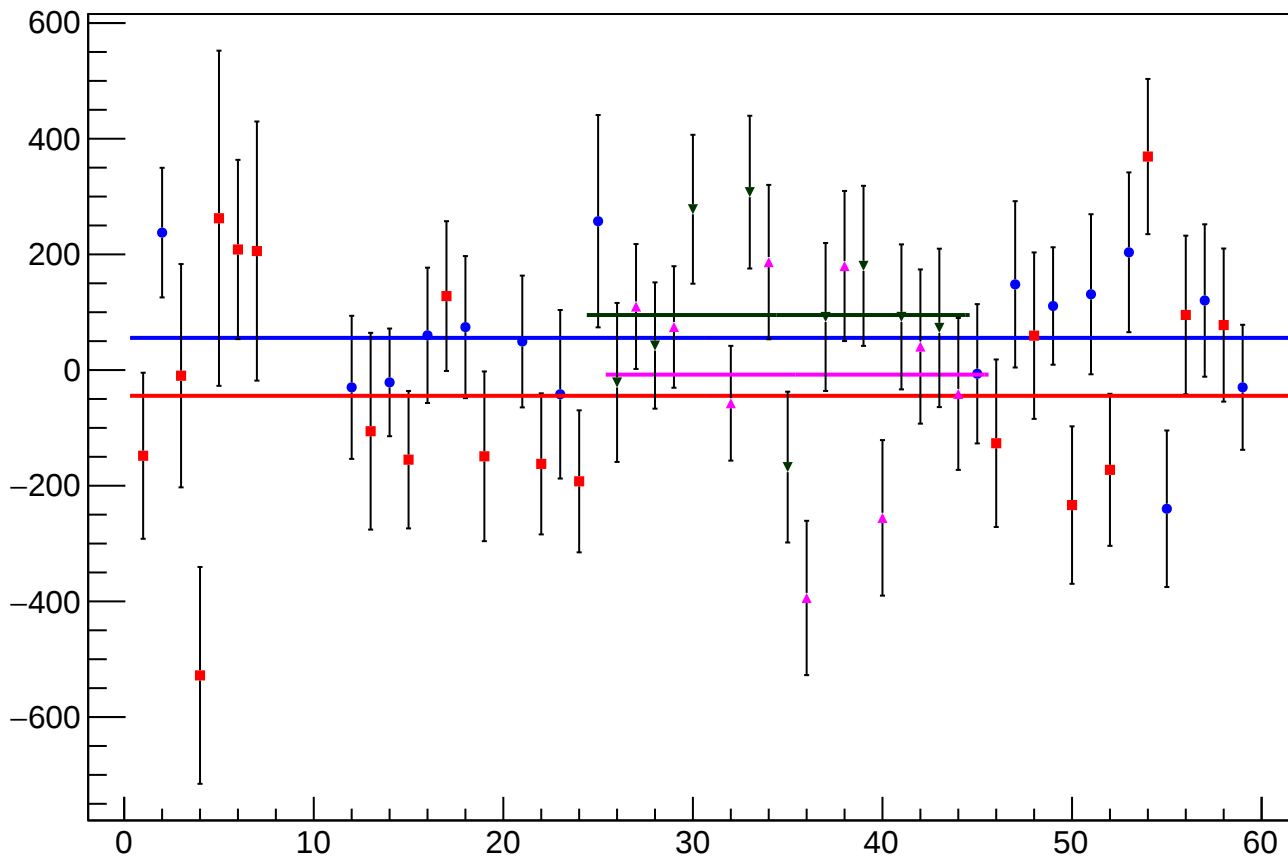
Left Out: 284.218+/-0.092 χ^2/NDF :157337.5/8

Right Out: 280.287+/-0.069 χ^2/NDF : 845252.8/18

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

273.993+/-0.037 χ^2/NDF : 2198840.9/52

reg_asym_ds_dd_mean vs slug



Right In: 55.642 ± 30.569 χ^2/NDF : 13.5/15

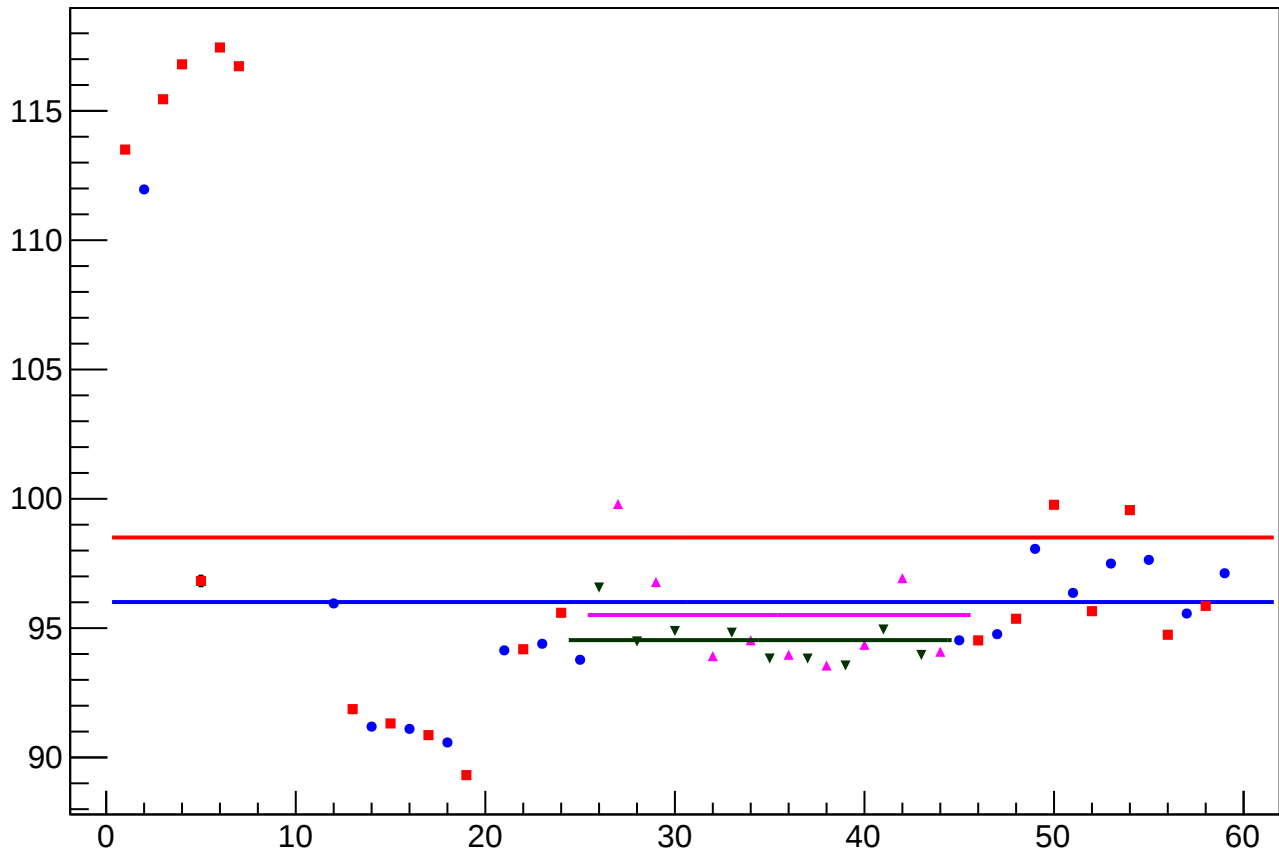
Left Out: 95.153 ± 42.894 χ^2/NDF : 10.0/8

Right Out: -44.533 ± 33.410 χ^2/NDF : 33.0/18

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

21.249 ± 17.878 χ^2/NDF : 83.5/52

reg_asym_ds_dd_rms vs slug



Right In: 96.008 $\pm$ 0.022 χ^2 /NDF: 56430.9/15

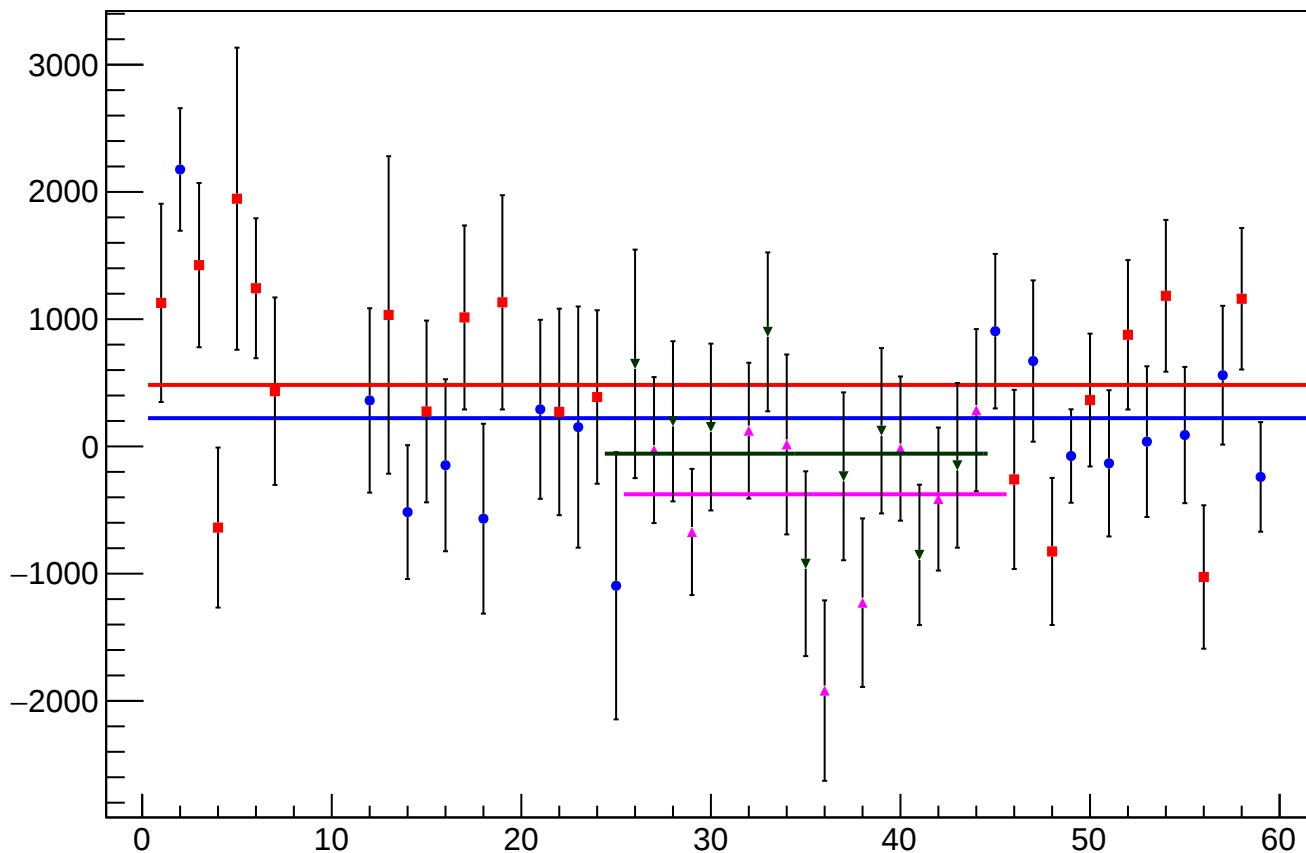
Left Out: 94.536 $\pm$ 0.030 χ^2 /NDF: 741.0/8

96.368 $\pm$ 0.013 χ^2 /NDF: 209880.3/52

Right Out: 98.505 $\pm$ 0.024 χ^2 /NDF: 134278.6/18

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

asym_ds_dd_correction_mean vs slug



Right In: 222.128 ± 143.449 $\chi^2/\text{NDF}: 26.0/15$

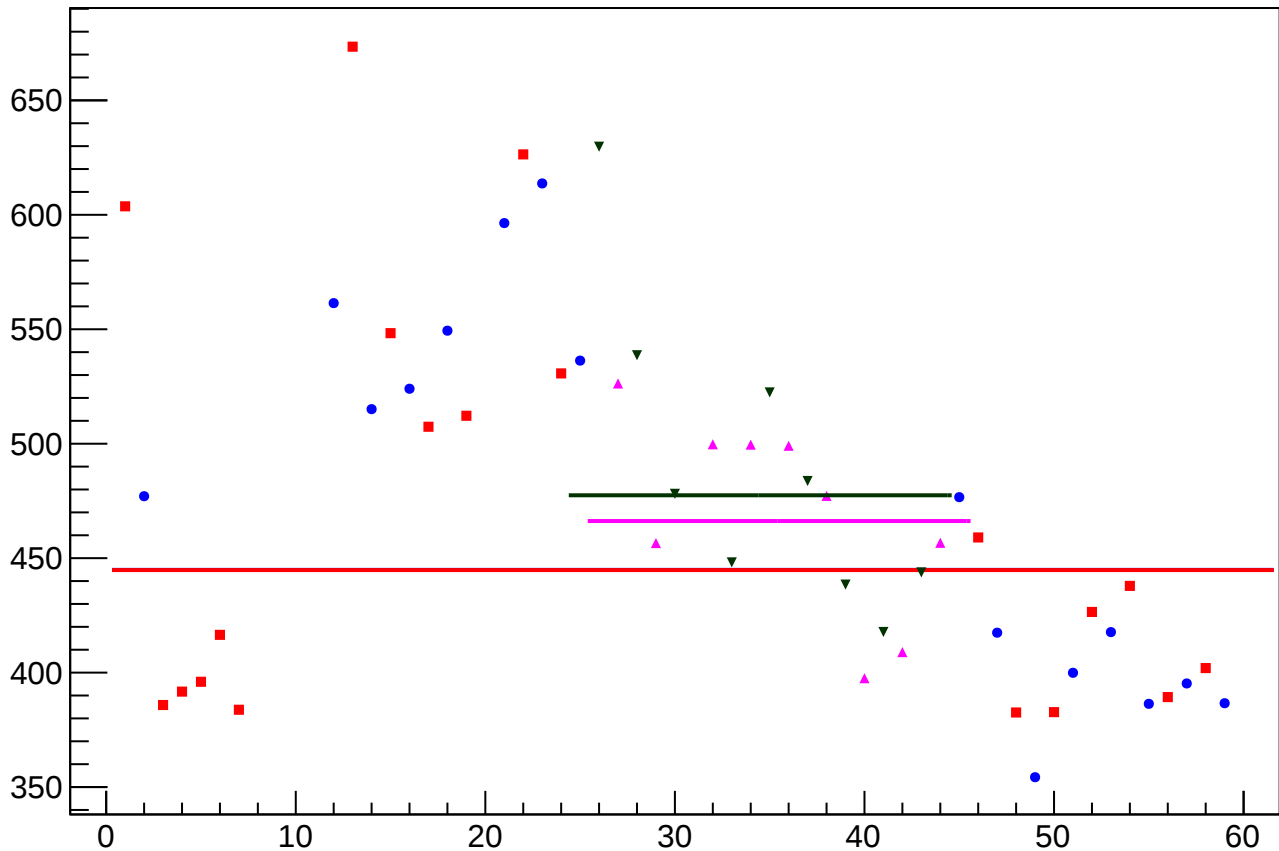
Left Out: -56.903 ± 218.768 $\chi^2/\text{NDF}: 6.9/8$

149.736 ± 85.147 $\chi^2/\text{NDF}: 83.4/52$

Right Out: 483.146 ± 152.833 $\chi^2/\text{NDF}: 27.7/18$

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

asym_ds_dd_correction_rms vs slug



Right In: 444.882+/-0.101 χ^2/NDF : 558786.5/15

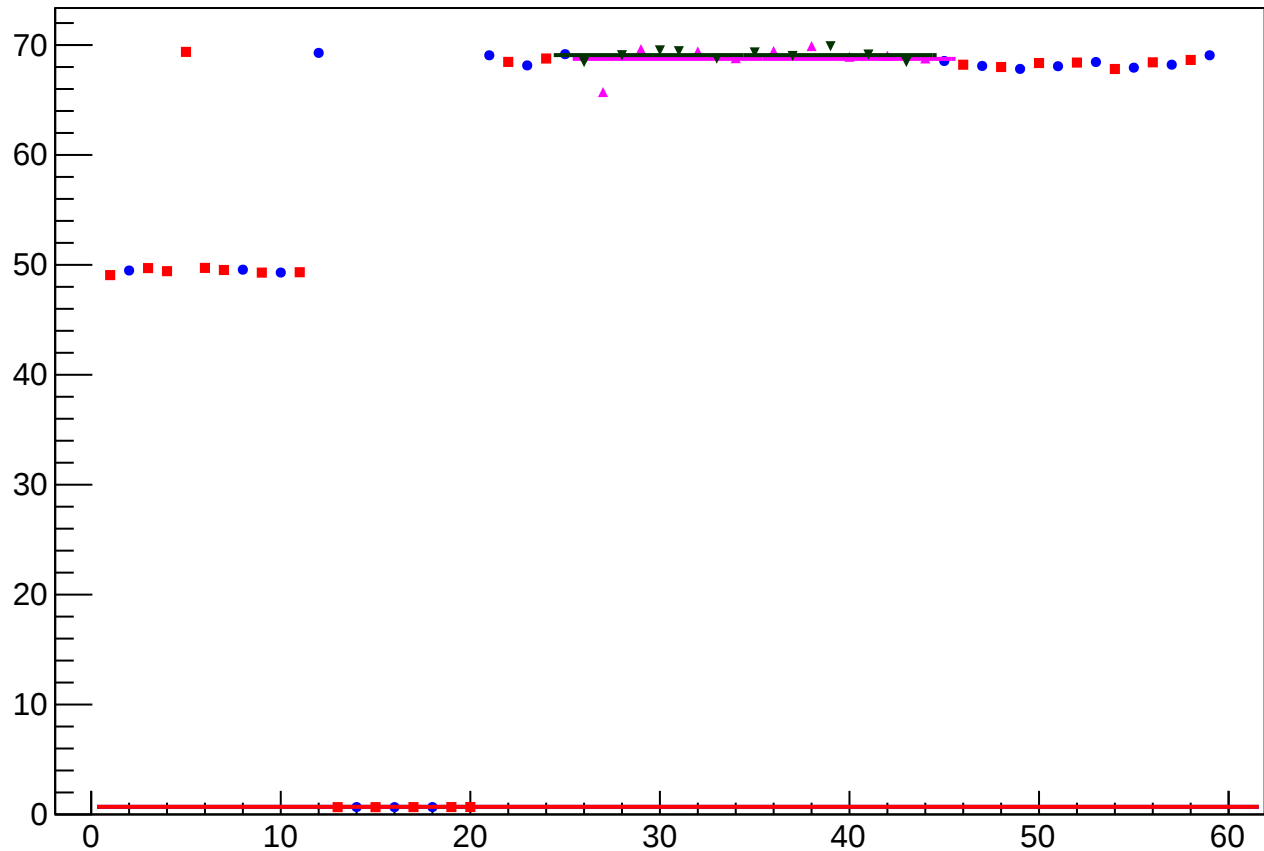
Left Out: 477.470+/-0.155 χ^2/NDF : 124730.4/8

453.757+/-0.060 χ^2/NDF : 1311249.9/52

Right Out: 444.796+/-0.108 χ^2/NDF : 491246.0/18

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

yield_bcm_an_ds_mean vs slug



Right In: 0.692+/-0.000 χ^2/NDF : 1116102624090.5/17

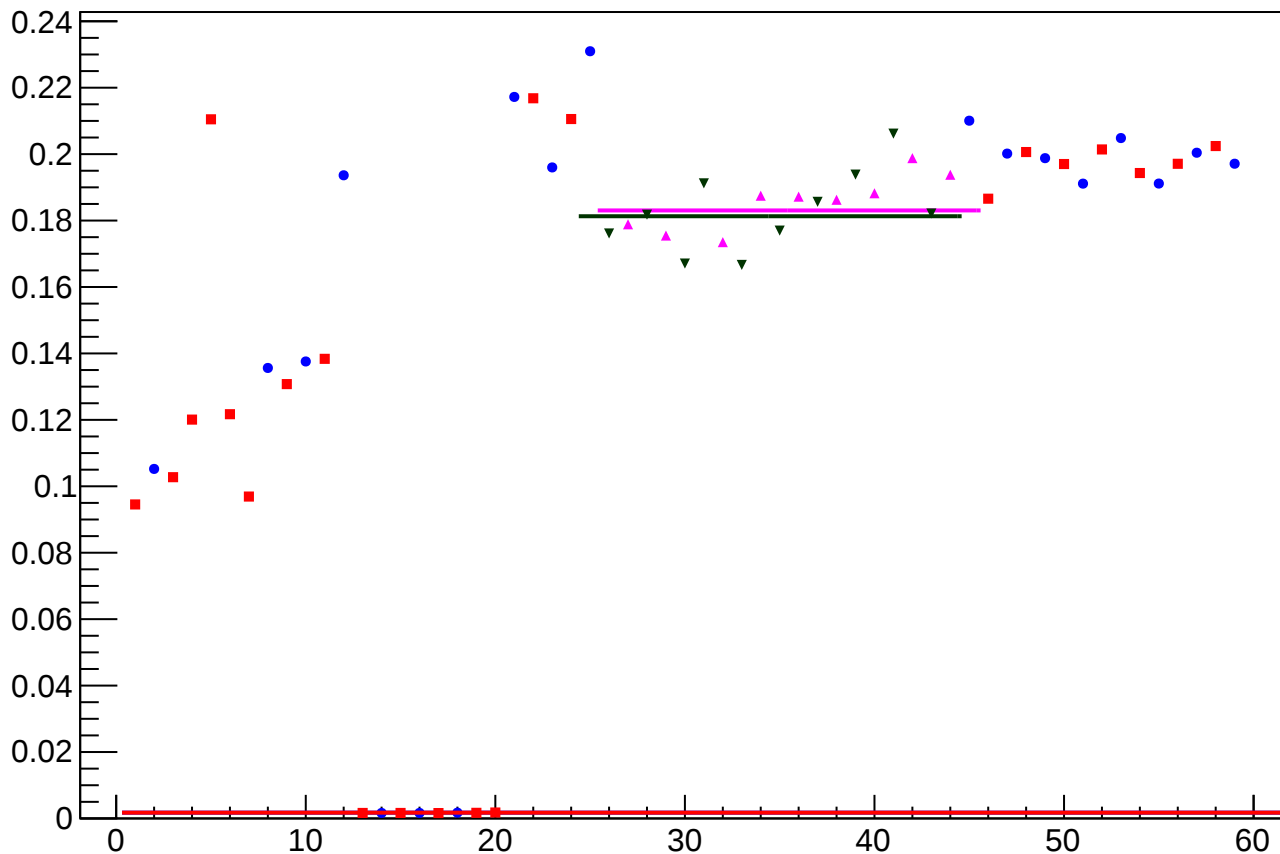
Left Out: 69.083+/-0.000 χ^2/NDF : 27004165.7/9

0.708+/-0.000 χ^2/NDF : 3680655225344.1/58

Right Out: 0.695+/-0.000 χ^2/NDF : 1103133463835.6/21

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

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 17479625.2/17

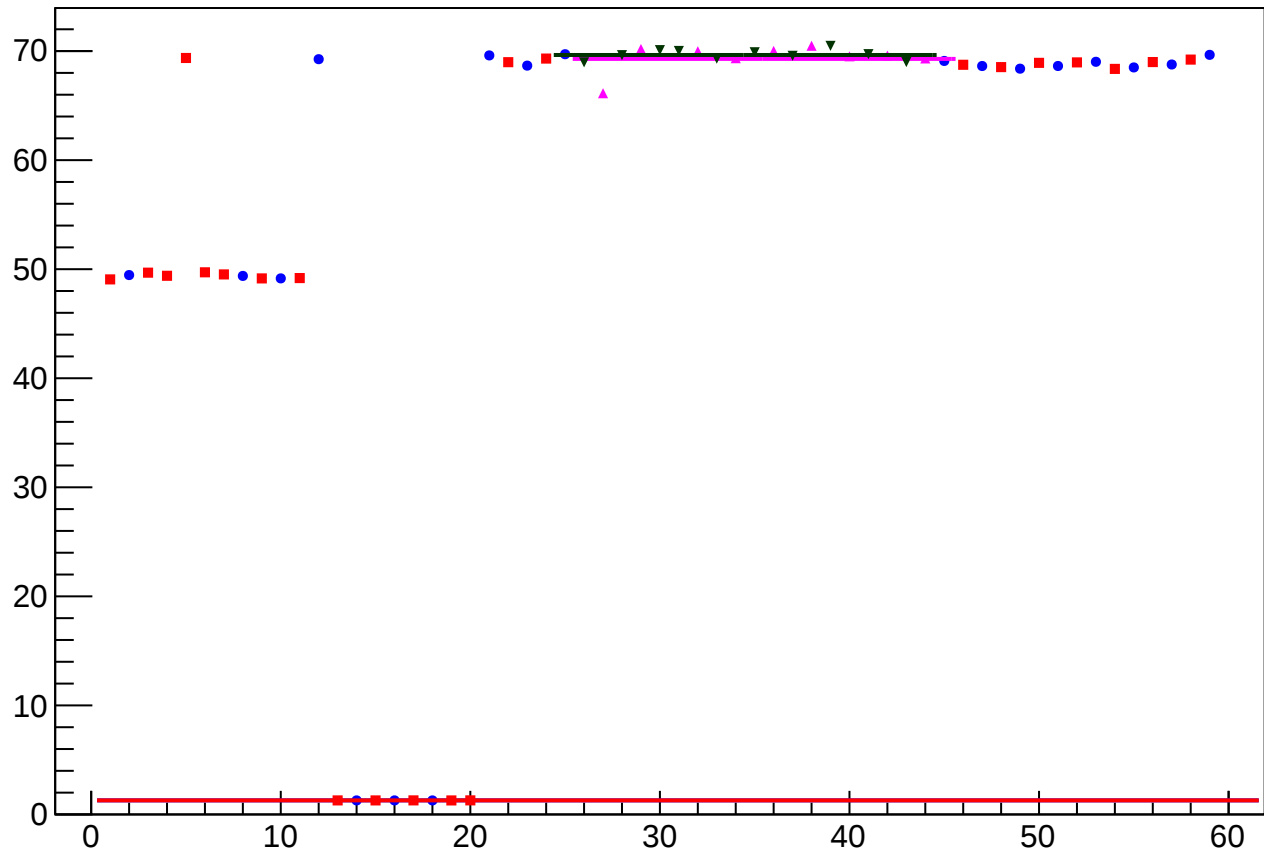
Left Out: 0.181+/-0.000 χ^2/NDF : 38931.4/9

Right Out: 0.002+/-0.000 χ^2/NDF : 15463909.5/21

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

0.002+/-0.000 χ^2/NDF : 53455001.1/58

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 1090400126893.9/17

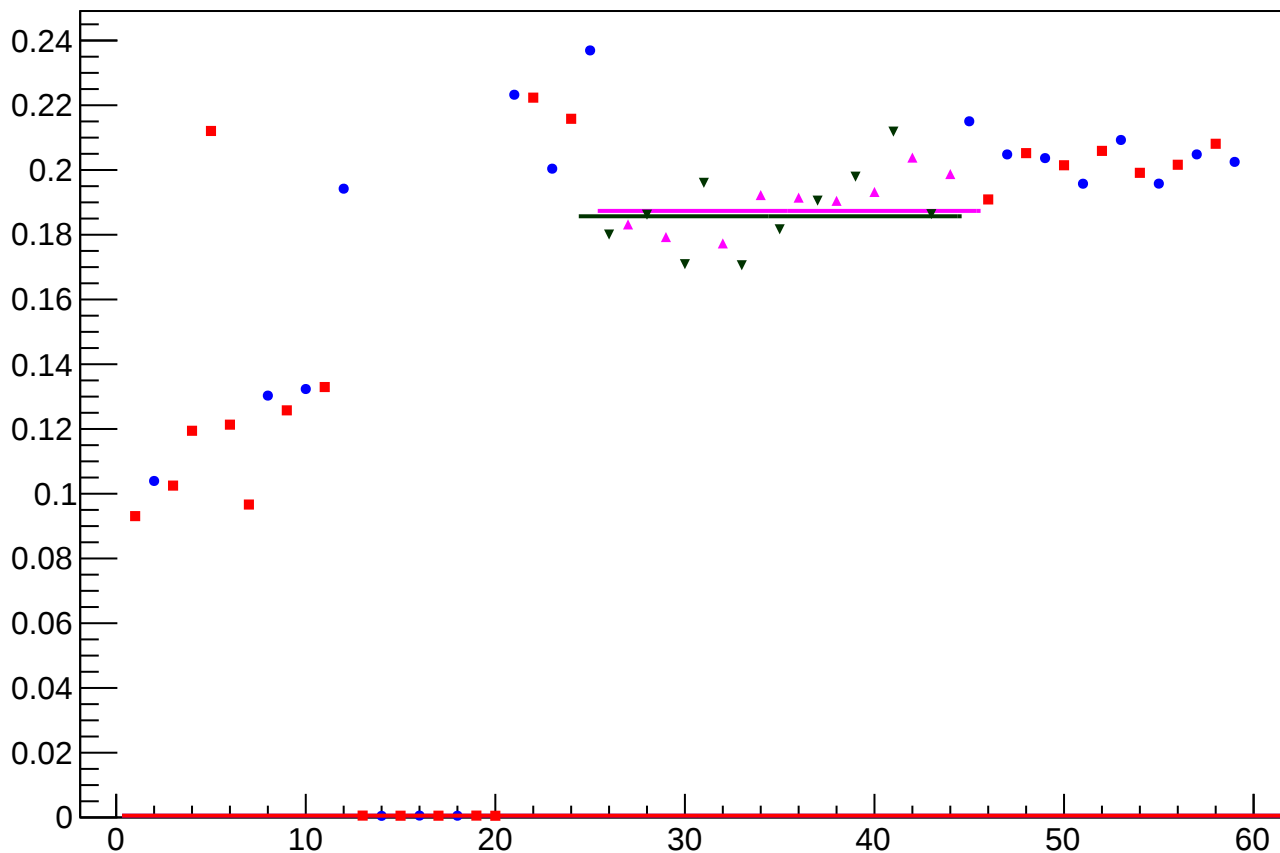
Left Out: 69.643+/-0.000 χ^2/NDF : 27921804.9/9

Right Out: 1.292+/-0.000 χ^2/NDF : 1082072552531.5/21

1.293+/-0.000 χ^2/NDF : 3564413498995.8/58

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

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 17739283.8/17

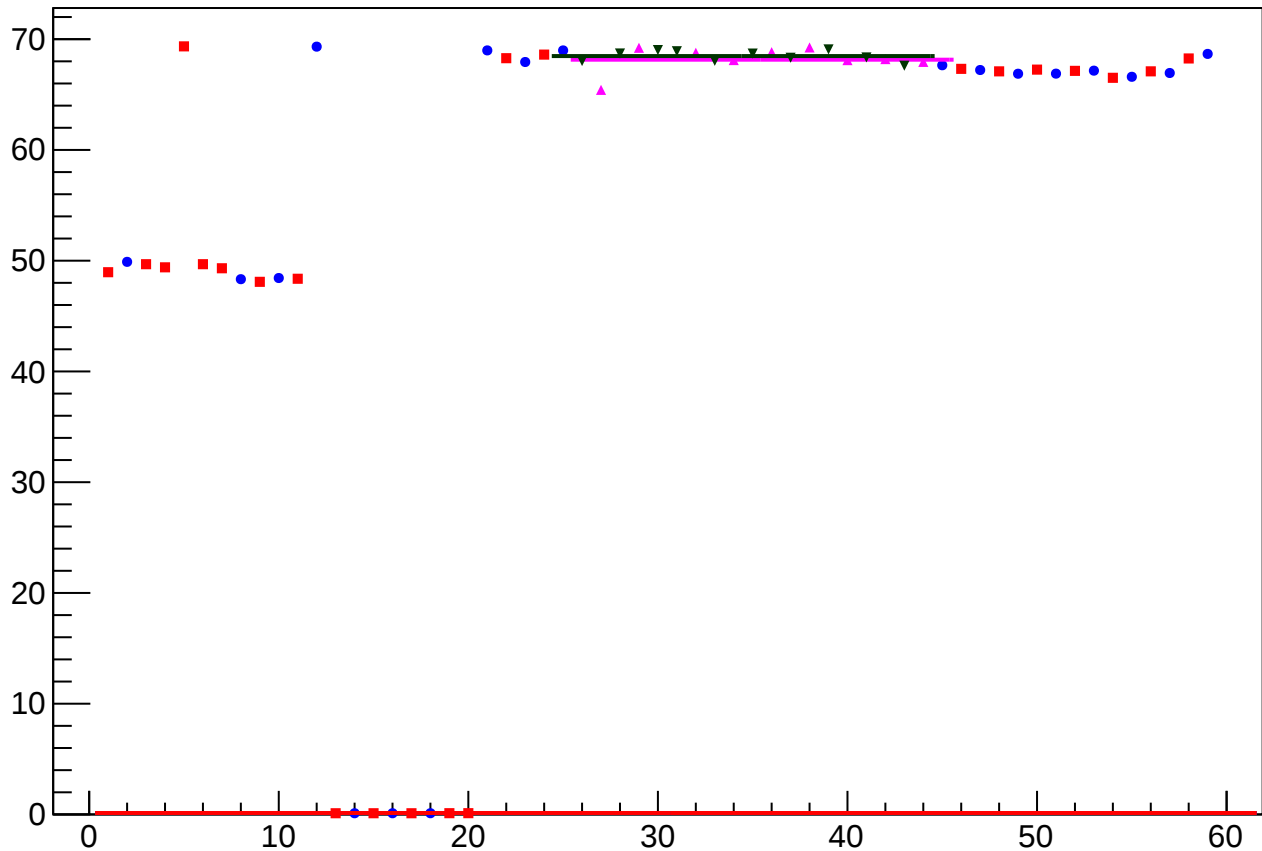
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.3/9

0.001+/-0.000 χ^2/NDF : 54227647.2/58

Right Out: 0.001+/-0.000 χ^2/NDF : 15694908.8/21

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

yield_bcm_an_us_mean vs slug



Right In: 0.130+/-0.000 χ^2/NDF : 1126020319203.1/17

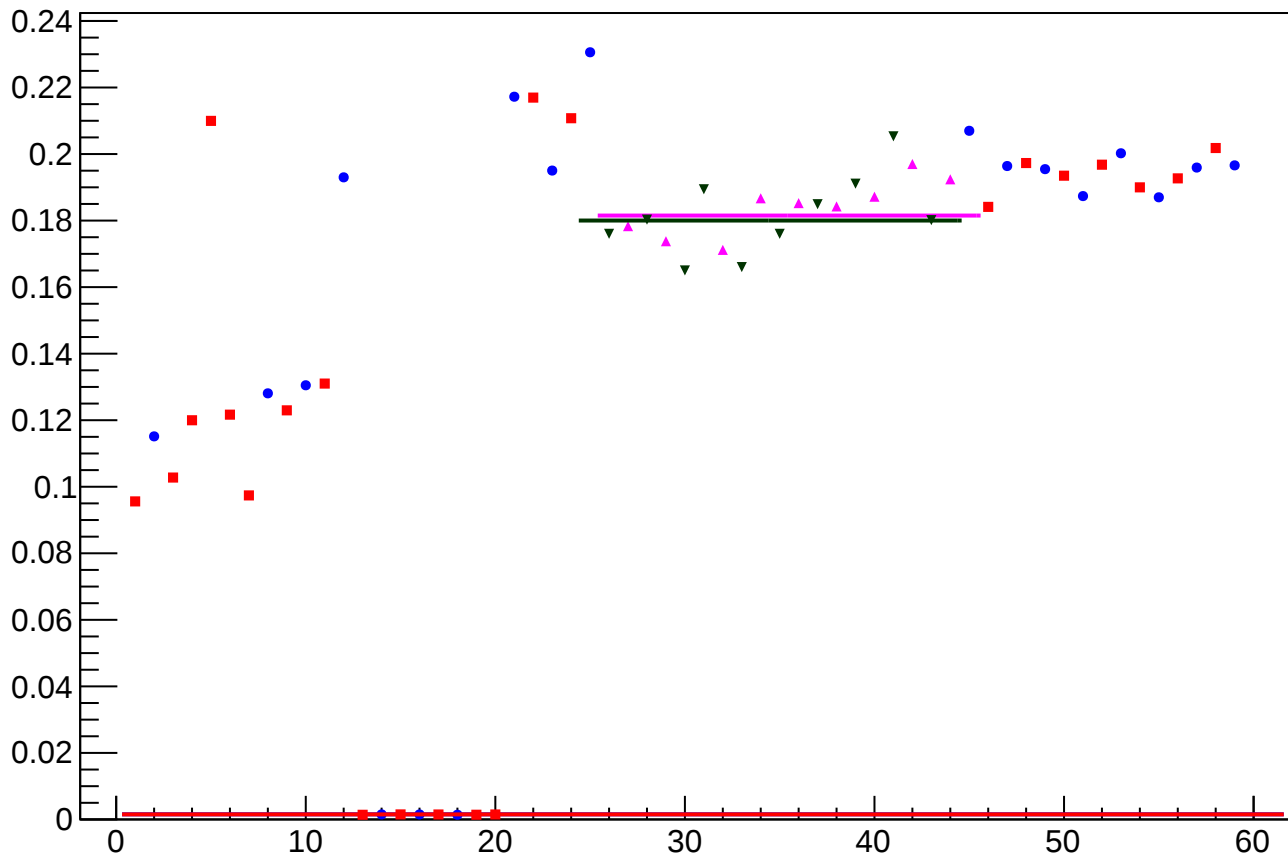
Left Out: 68.475+/-0.000 χ^2/NDF : 31409059.3/9

0.142+/-0.000 χ^2/NDF : 3742406065972.2/58

Right Out: 0.132+/-0.000 χ^2/NDF : 1135158428664.3/21

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

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 17508366.0/17

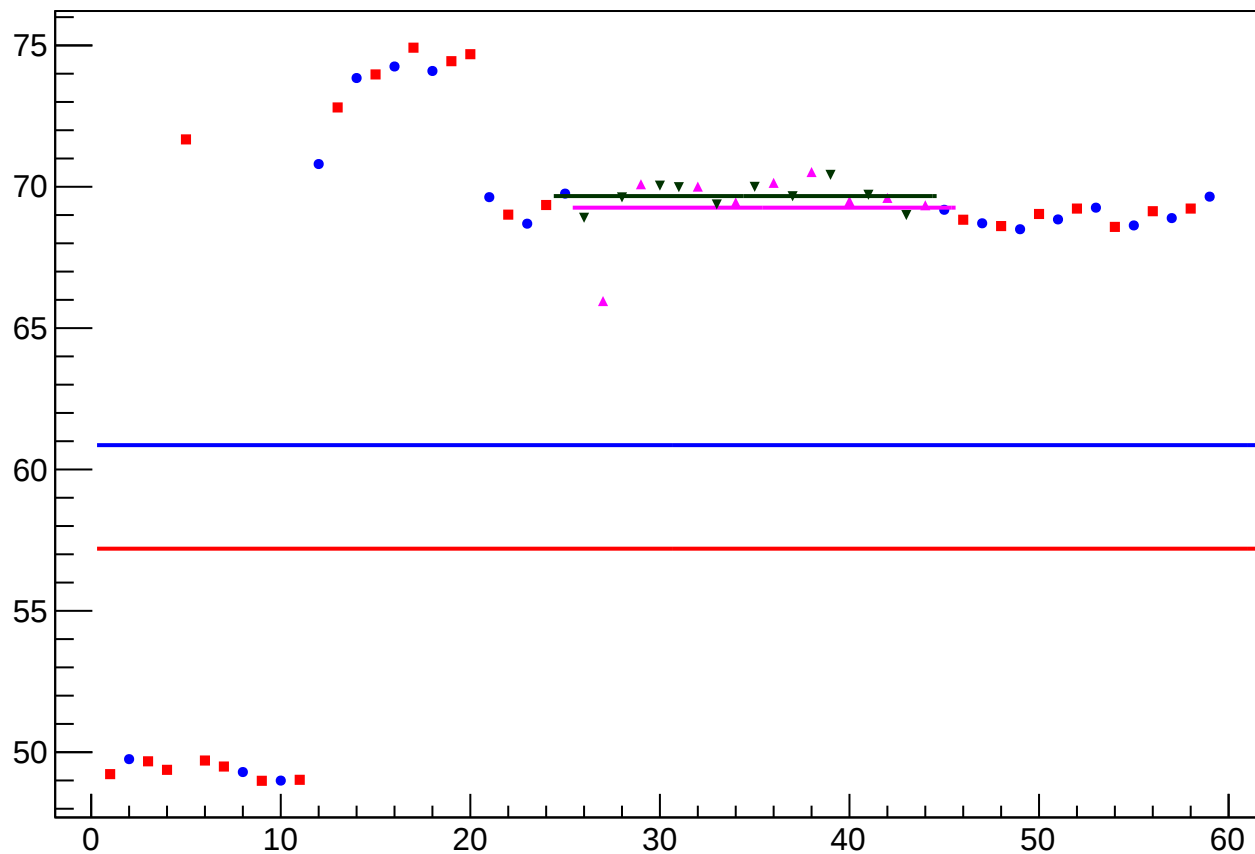
Left Out: 0.180+/-0.000 χ^2/NDF : 38903.0/9

0.002+/-0.000 χ^2/NDF : 53546195.0/58

Right Out: 0.002+/-0.000 χ^2/NDF : 15500285.5/21

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

yield_bcm_dg_us_mean vs slug



Right In: 60.861+/-0.000 χ^2/NDF : 37857627032.4/17

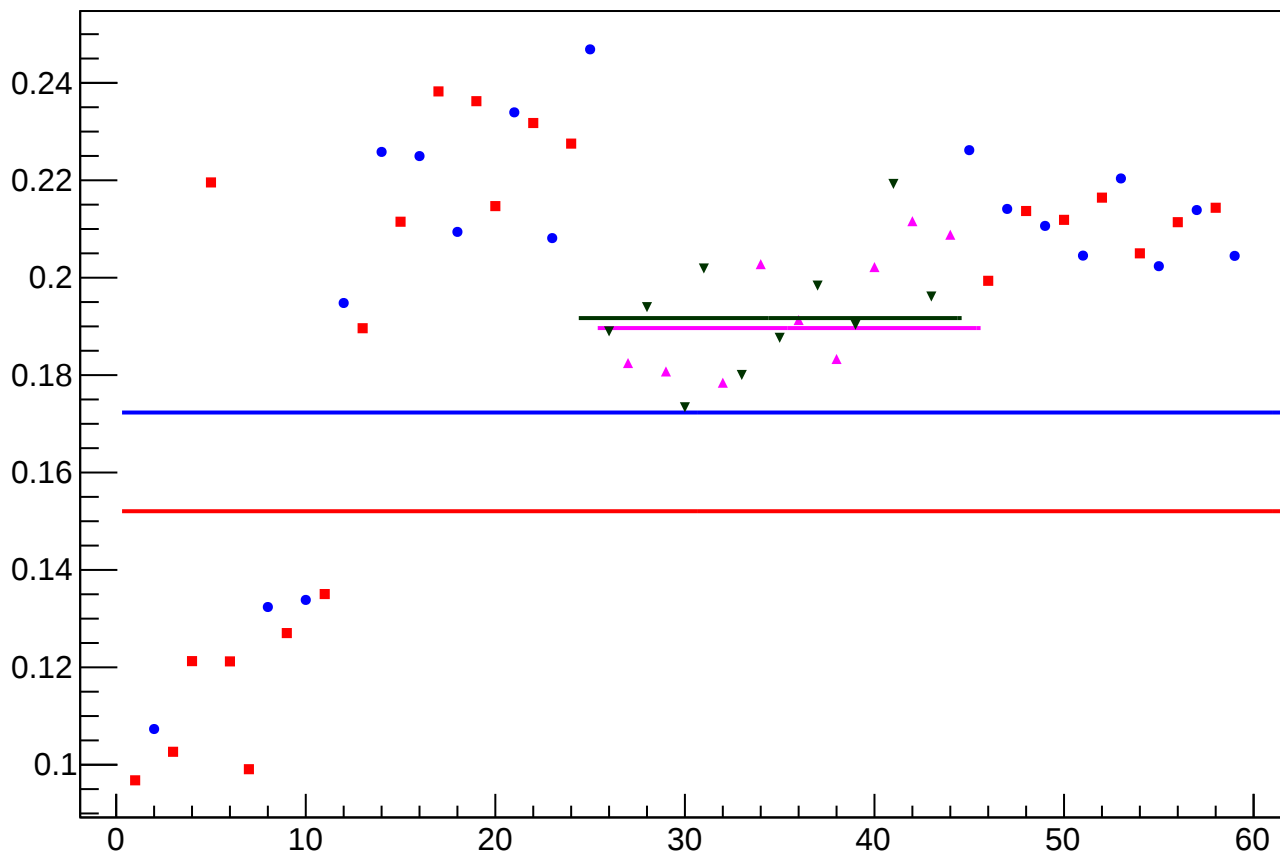
Left Out: 69.671+/-0.000 χ^2/NDF : 26242172.7/9

Right Out: 57.199+/-0.000 χ^2/NDF : 41867899323.3/21

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

61.883+/-0.000 χ^2/NDF : 105399548890.2/58

yield_bcm_dg_us_rms vs slug



Right In: 0.172 $\pm$ 0.000 χ^2 /NDF: 1555927.0/17

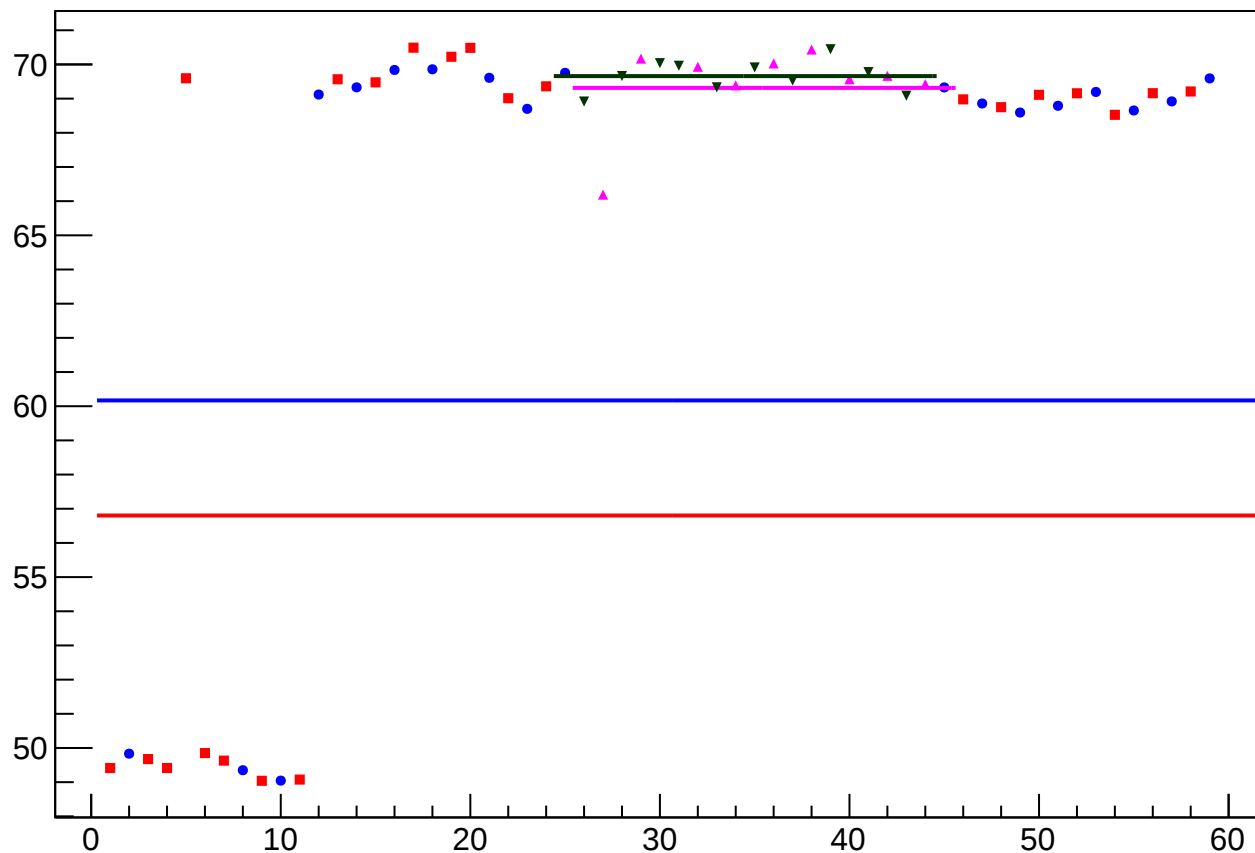
Left Out: 0.192 $\pm$ 0.000 χ^2 /NDF:37598.0/9

0.170 $\pm$ 0.000 χ^2 /NDF: 4114531.5/58

Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 1981394.9/21

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

yield_bcm_dg_ds_mean vs slug



Right In: 60.170+/-0.000 χ^2/NDF : 34850002631.8/17

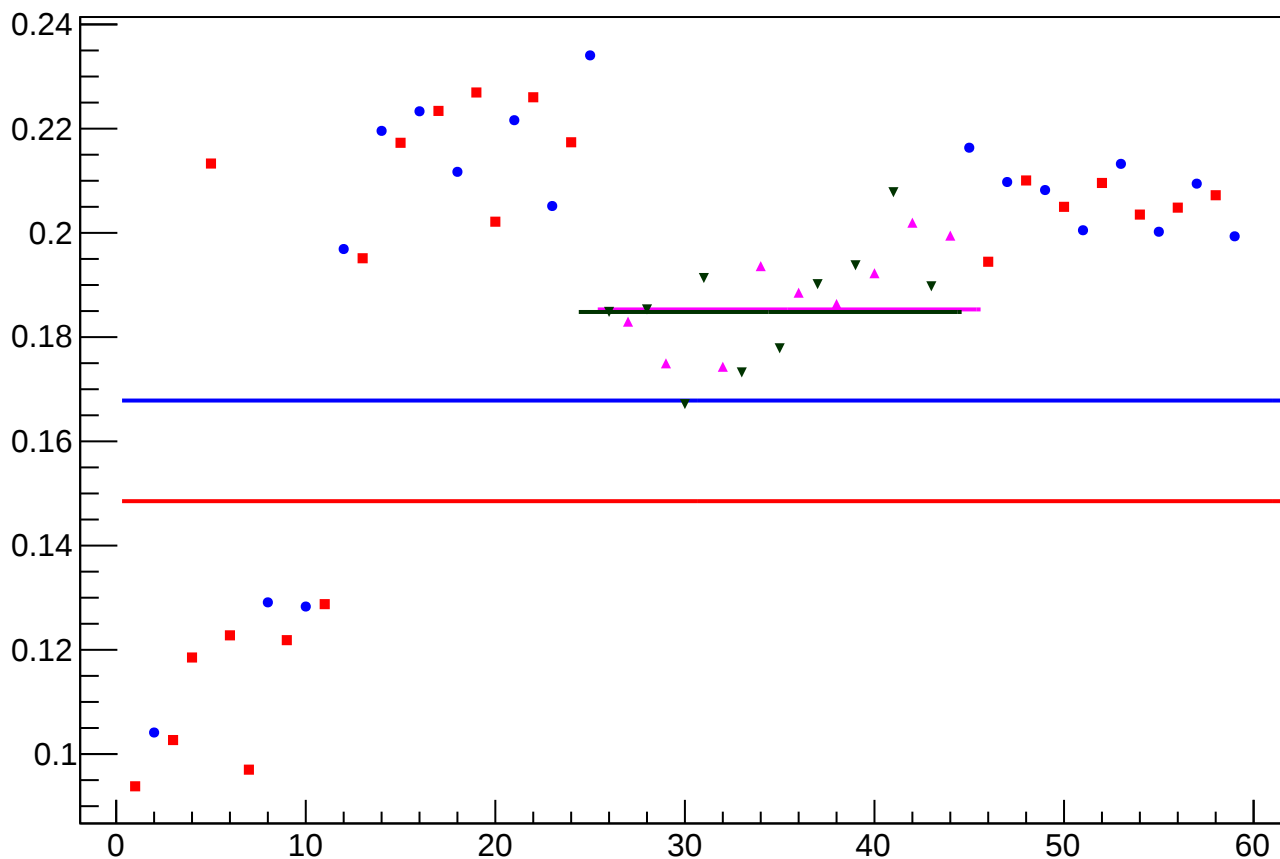
Left Out: 69.659+/-0.000 χ^2/NDF : 25938166.8/9

Right Out: 56.802+/-0.000 χ^2/NDF : 37856981388.2/21

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

61.534+/-0.000 χ^2/NDF : 102045666853.9/58

yield_bcm_dg_ds_rms vs slug



Right In: 0.168+/-0.000 χ^2/NDF : 1605444.7/17

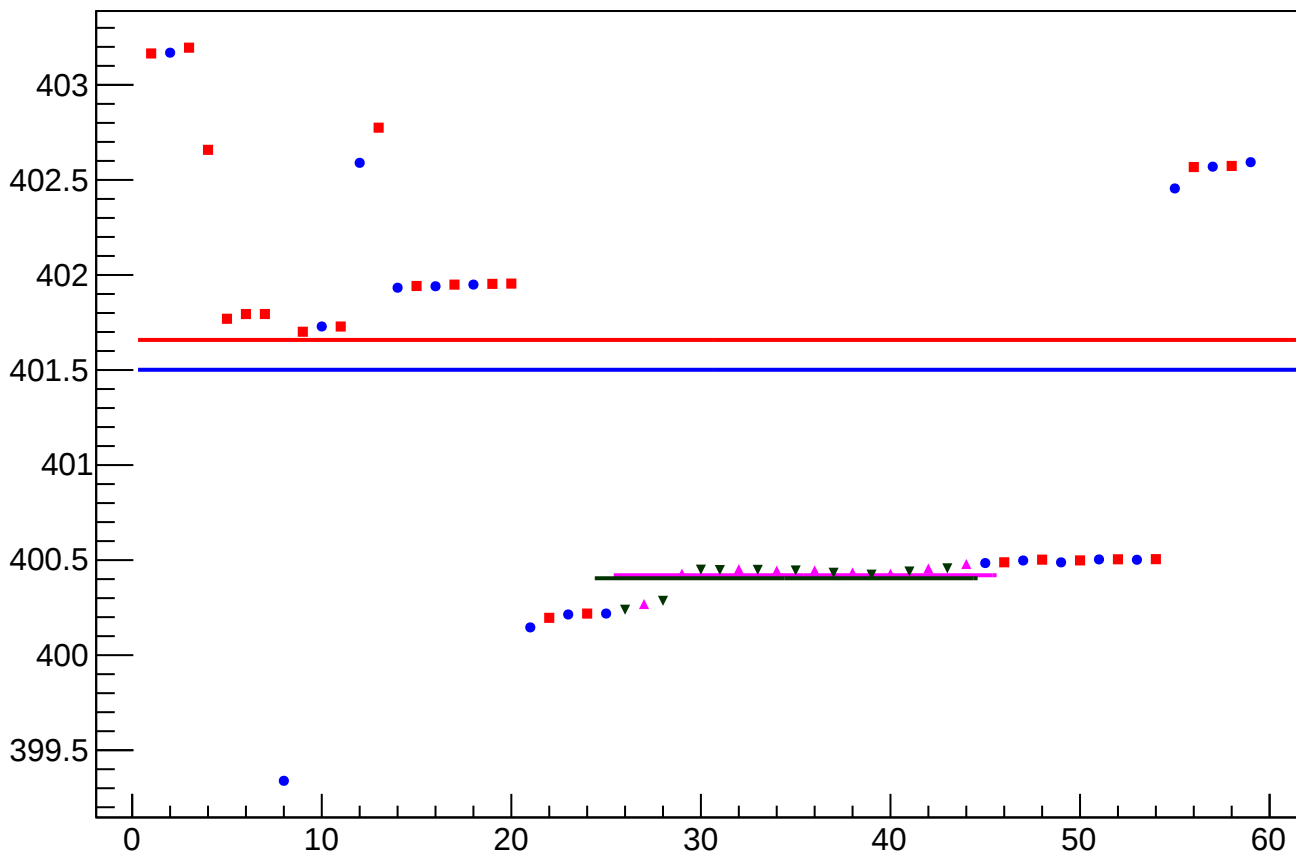
Left Out: 0.185+/-0.000 χ^2/NDF : 35228.3/9

Right Out: 0.149+/-0.000 χ^2/NDF : 1954916.7/21

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

0.165+/-0.000 χ^2/NDF : 4095559.0/58

yield_cav4bQ_mean vs slug



Right In: 401.501+/-0.000 χ^2/NDF : 313149384479.4/17

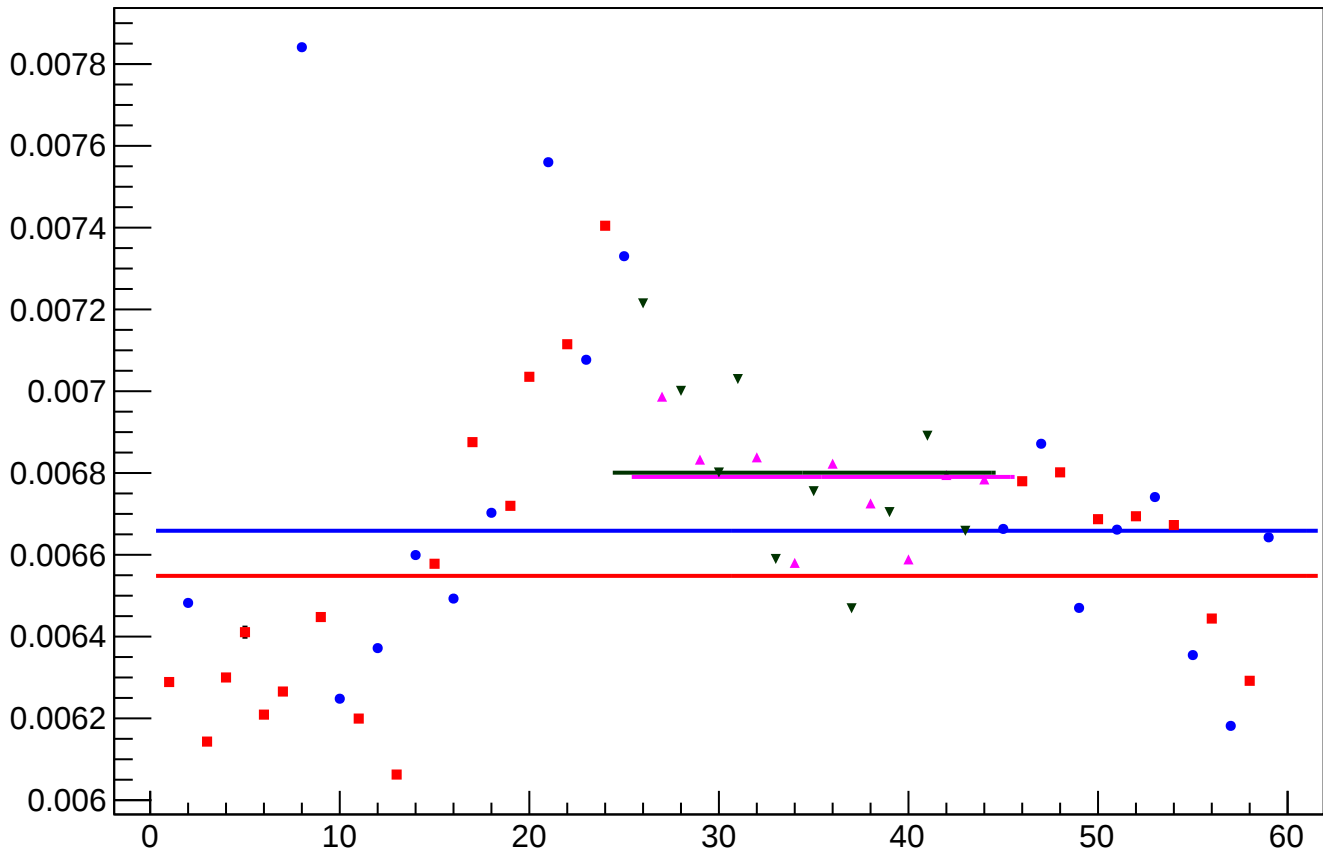
Left Out: 400.405+/-0.000 χ^2/NDF : 612909021.6/9

Right Out: 401.658+/-0.000 χ^2/NDF : 224137189148.2/21

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

401.207+/-0.000 χ^2/NDF : 759175085238.7/58

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 84894.0/17

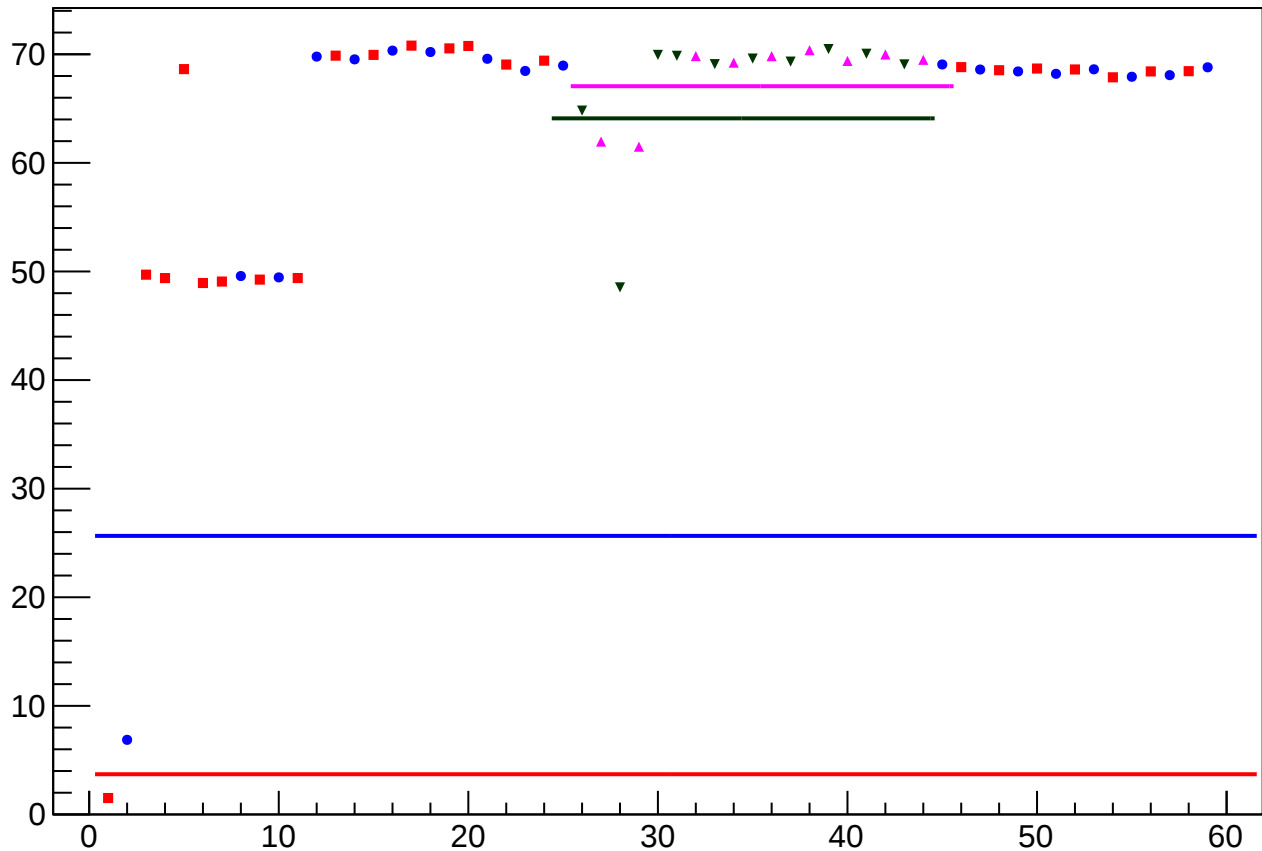
Left Out: 0.007+/-0.000 χ^2/NDF : 9984.5/9

0.007+/-0.000 χ^2/NDF : 168331.3/58

Right Out: 0.007+/-0.000 χ^2/NDF : 55163.7/21

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

yield_cav4cQ_mean vs slug



Right In: 25.652+/-0.000 χ^2 /NDF: 433423391261.3/17

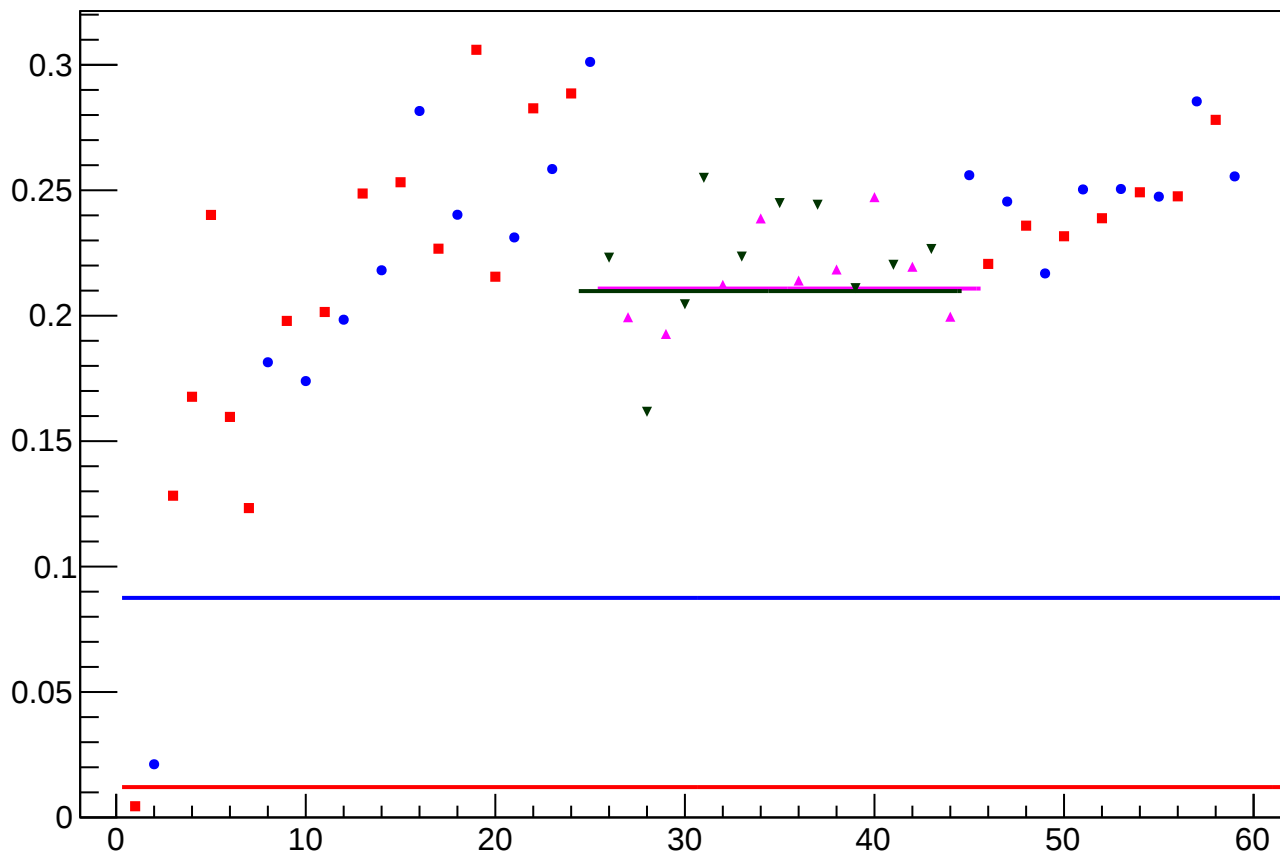
Left Out: 64.100+/-0.000 χ^2 /NDF: 8515869637.9/9

8.051+/-0.000 χ^2 /NDF: 2111569008872.8/58

Right Out: 3.705+/-0.000 χ^2 /NDF: 661722322147.5/21

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

yield_cav4cQ_rms vs slug



Right In: 0.088+/-0.000 χ^2/NDF : 10920835.7/17

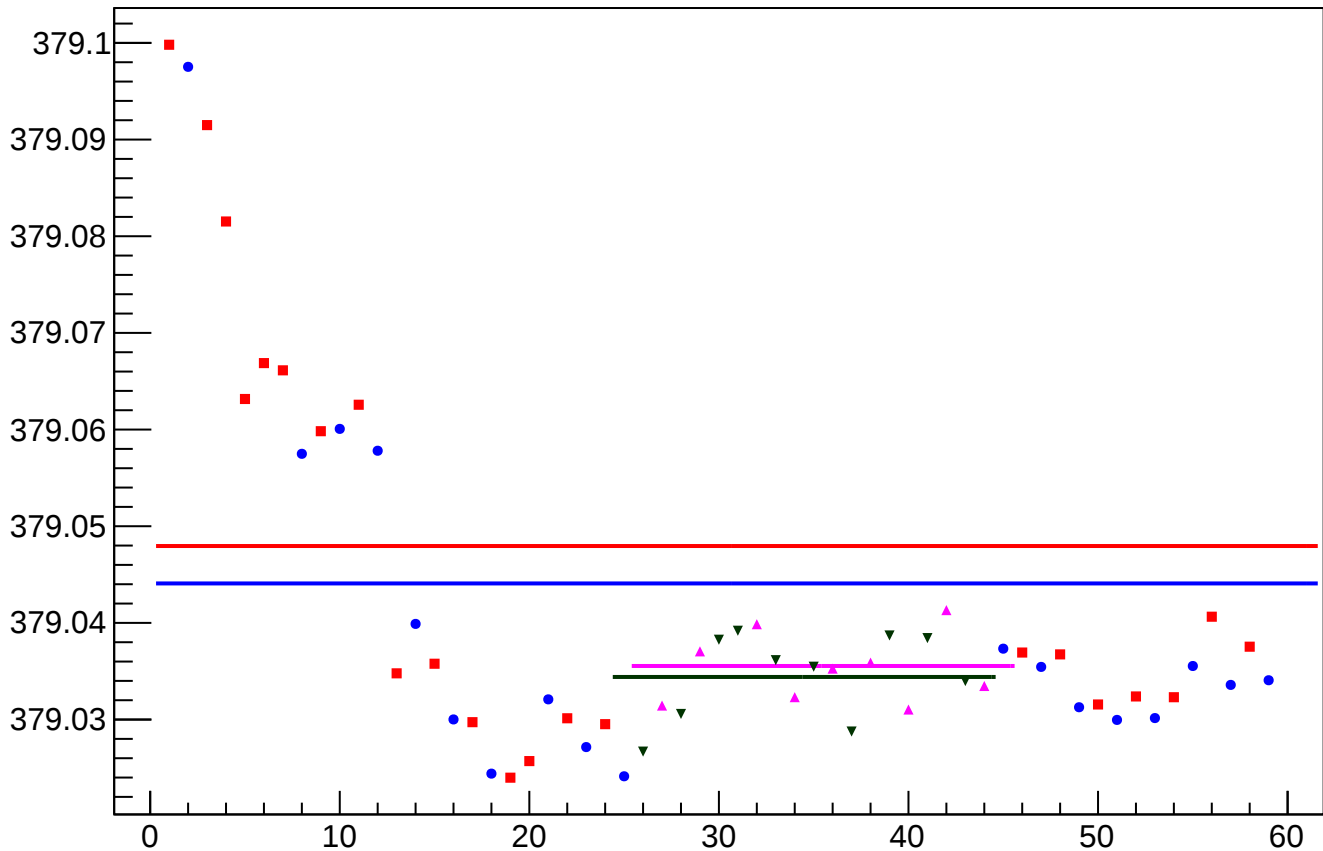
Left Out: 0.210+/-0.000 χ^2/NDF : 194381.5/9

Right Out: 0.012+/-0.000 χ^2/NDF : 16595957.2/21

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

0.027+/-0.000 χ^2/NDF : 49075428.5/58

yield_cav4dQ_mean vs slug



Right In: 379.044 $\pm$ 0.000 χ^2 /NDF: 105276493.4/17

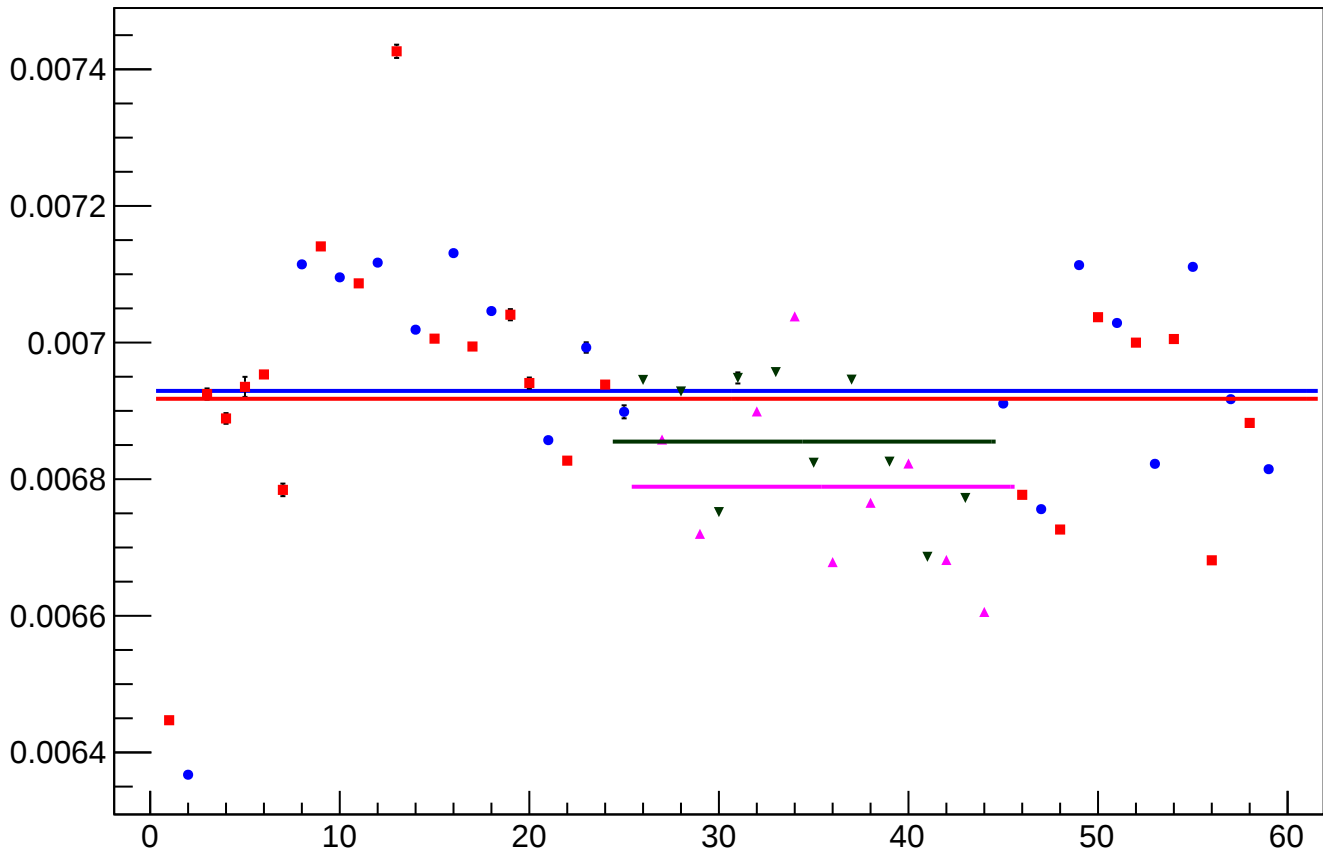
Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF: 1980422.2/9

379.042 $\pm$ 0.000 χ^2 /NDF: 239848523.1/58

Right Out: 379.048 $\pm$ 0.000 χ^2 /NDF: 110752305.6/21

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

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 23598.9/17

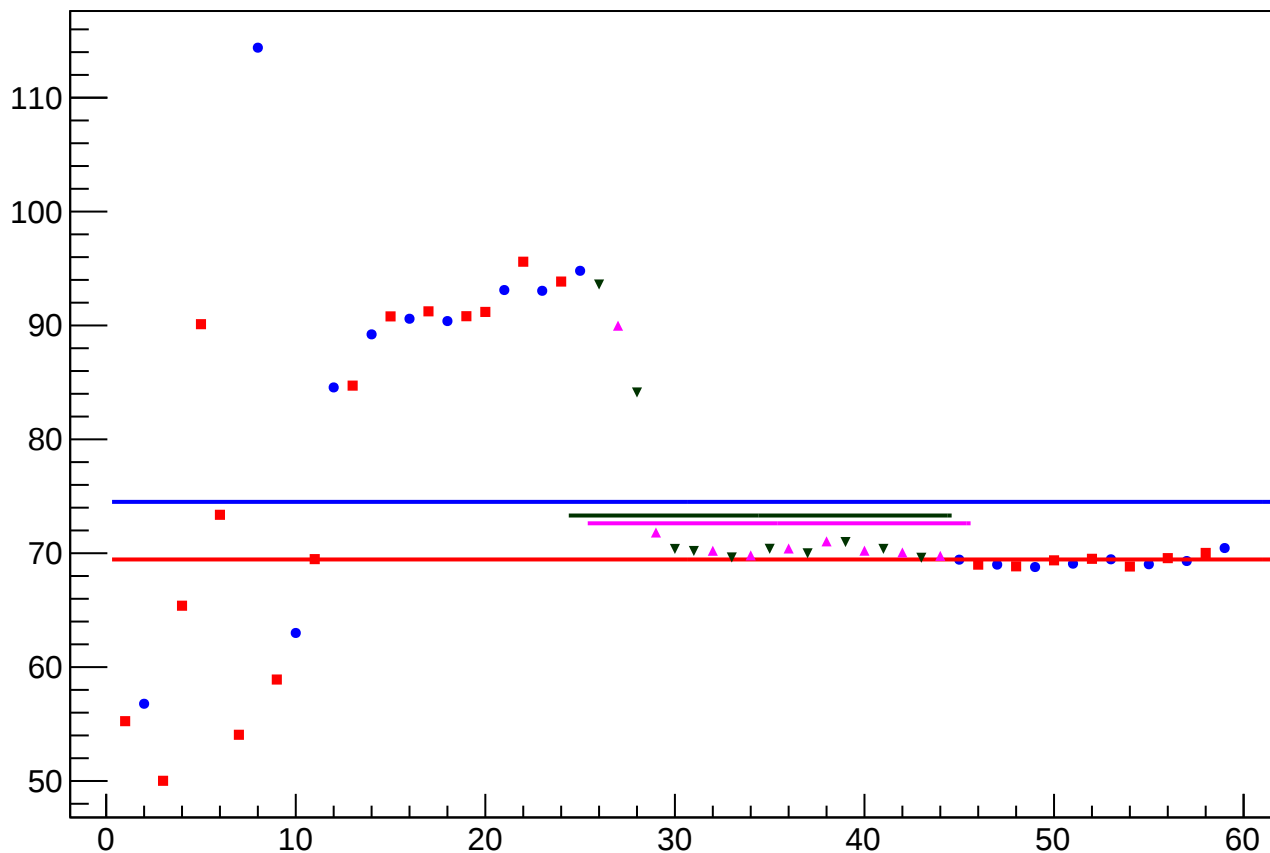
Left Out: 0.007+/-0.000 χ^2/NDF : 2032.2/9

0.007+/-0.000 χ^2/NDF : 48623.8/58

Right Out: 0.007+/-0.000 χ^2/NDF : 15701.6/21

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

yield_bcm0l02_mean vs slug



Right In: 74.509+/-0.000 χ^2 /NDF: 27081775083.3/17

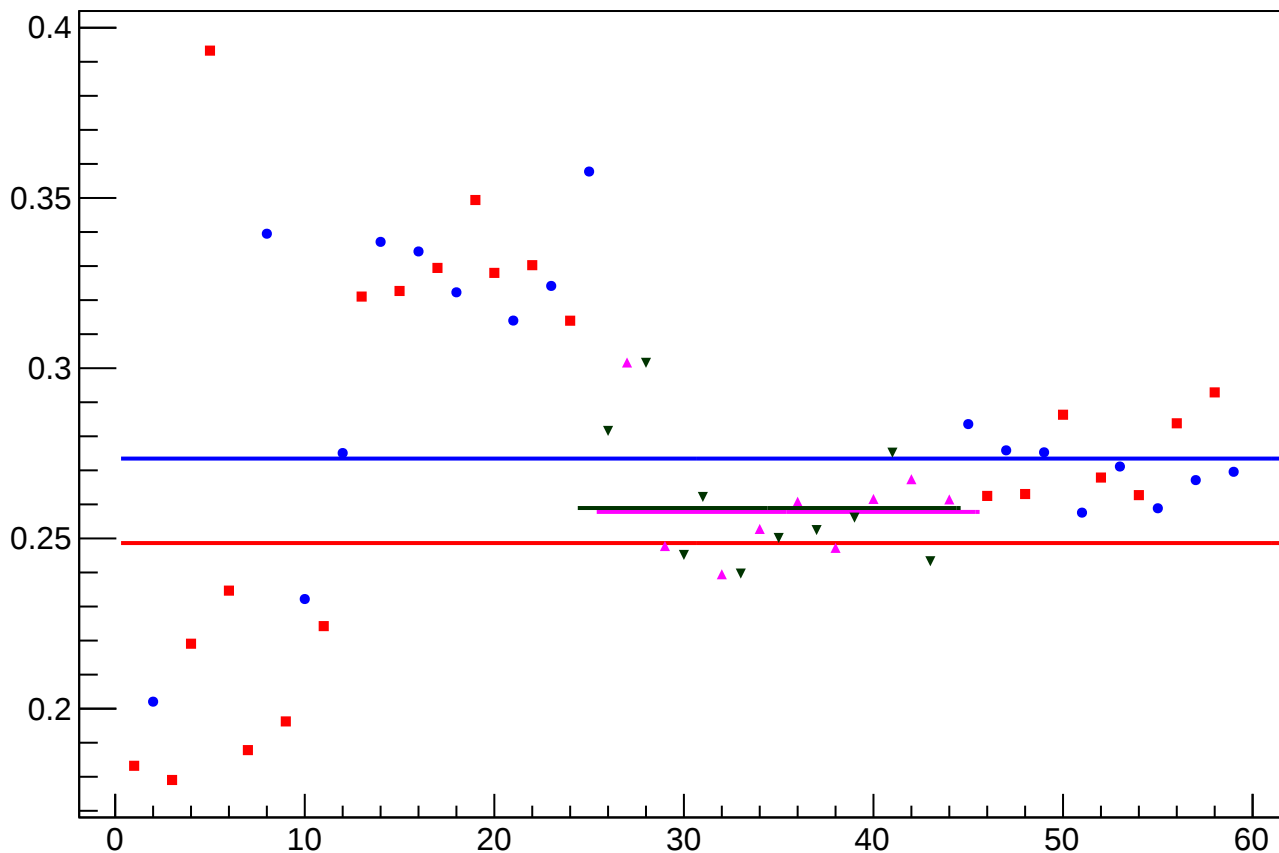
Left Out: 73.311+/-0.000 χ^2 /NDF: 3714317508.5/9

Right Out: 69.452+/-0.000 χ^2 /NDF: 24410975447.9/21

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

72.260+/-0.000 χ^2 /NDF: 60070561748.0/58

yield_bcm0l02_rms vs slug



Right In: 0.273+/-0.000 χ^2/NDF : 472688.7/17

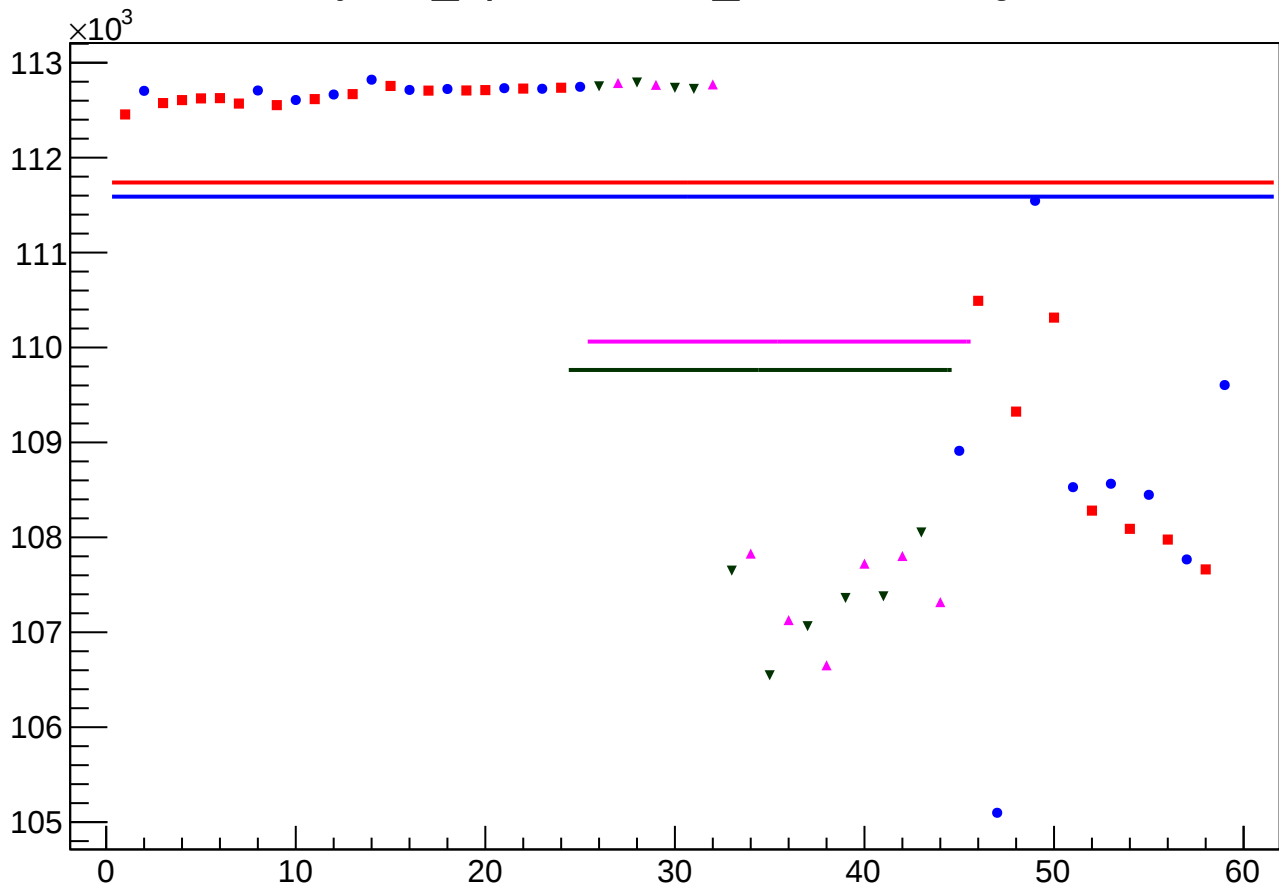
Left Out: 0.259+/-0.000 χ^2/NDF : 47766.7/9

Right Out: 0.249+/-0.000 χ^2/NDF : 818611.5/21

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

0.260+/-0.000 χ^2/NDF : 1476428.9/58

yield_bpm2i01WS_mean vs slug



Right In: 111589.261+/-0.034 χ^2/NDF : 3232719770.6/17

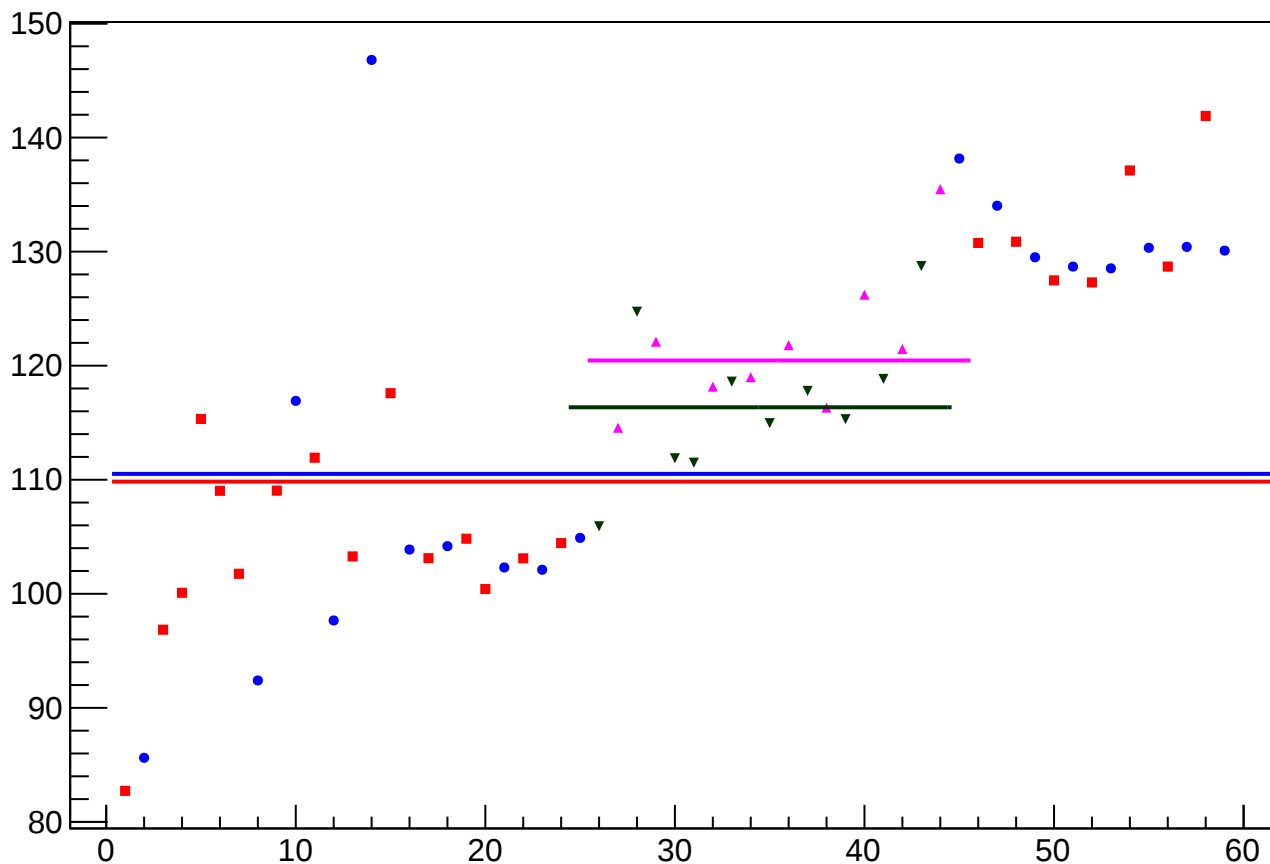
Left Out: 109763.312+/-0.054 χ^2/NDF : 2585526424.9/9

Right Out: 111738.183+/-0.035 χ^2/NDF : 2316939394.3/21

Left In: 110062.231+/-0.053 χ^2/NDF : 2589926778.7/8

111145.358+/-0.021 χ^2/NDF : 12250007828.3/5

yield_bpm2i01WS_rms vs slug



Right In: 110.513+/-0.024 χ^2/NDF : 596401.6/17

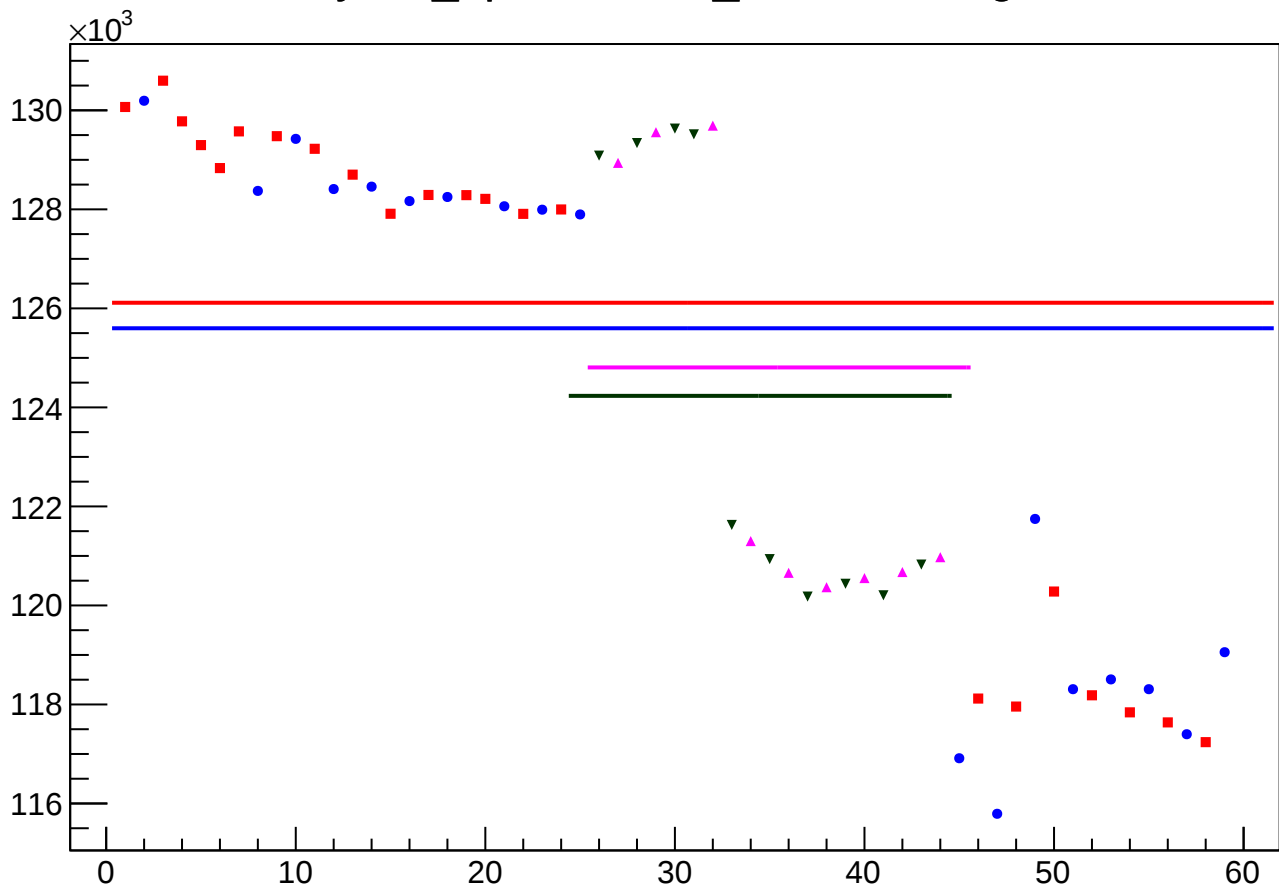
Left Out: 116.351+/-0.038 χ^2/NDF : 26842.3/9

Right Out: 109.832+/-0.025 χ^2/NDF : 342302.6/21

Left In: 120.454+/-0.038 χ^2/NDF : 19093.6/8

112.617+/-0.015 χ^2/NDF : 1057639.9/58

yield_bpm0i07WS_mean vs slug



Right In: 125598.160 $\pm$ 0.054 χ^2 /NDF: 8157374074.7/17

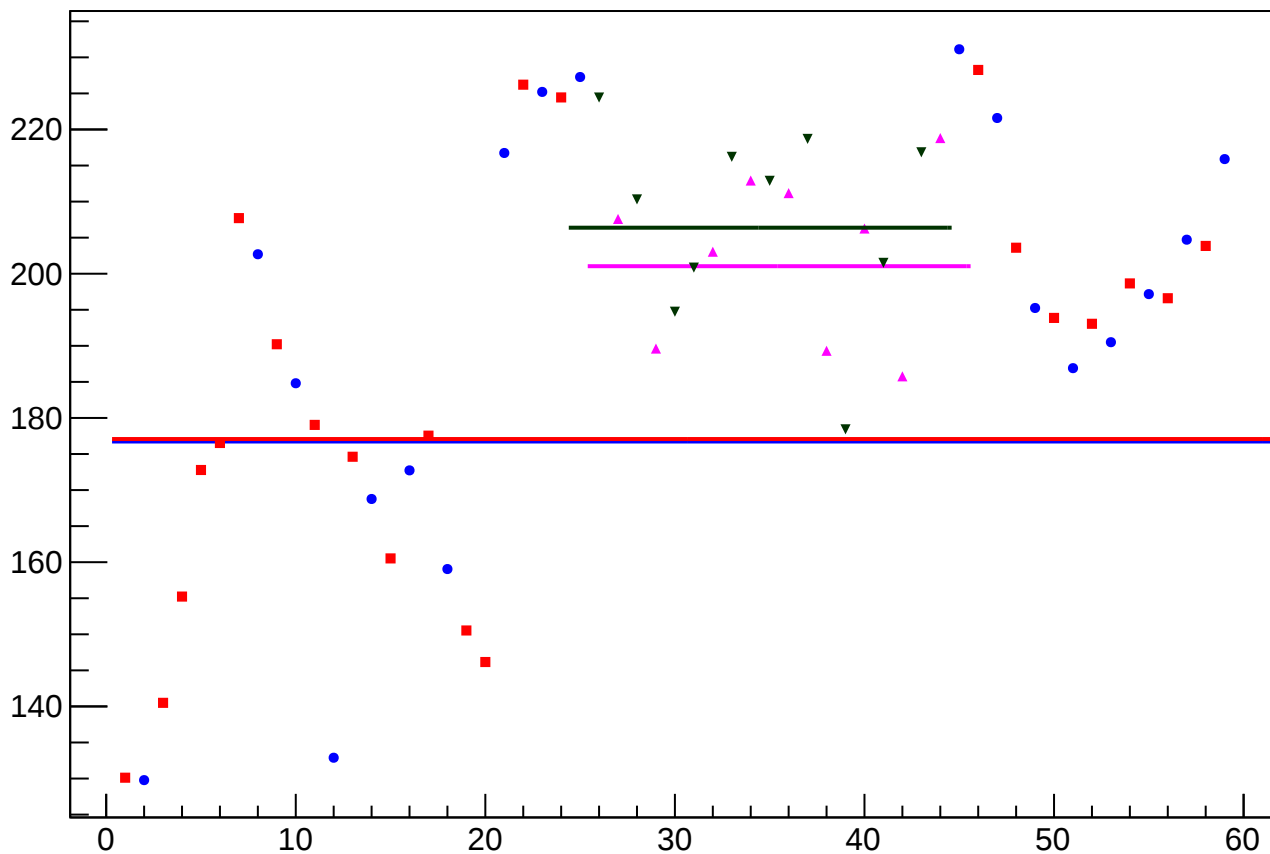
Left Out: 124233.008 $\pm$ 0.092 χ^2 /NDF: 2216187419.4/9

Right Out: 126113.588 $\pm$ 0.057 χ^2 /NDF: 7205471156.4/21

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

125475.876 $\pm$ 0.033 χ^2 /NDF: 20566566513.0/5

yield_bpm0i07WS_rms vs slug



Right In: 176.736 $\pm$ 0.038 χ^2 /NDF: 724713.6/17

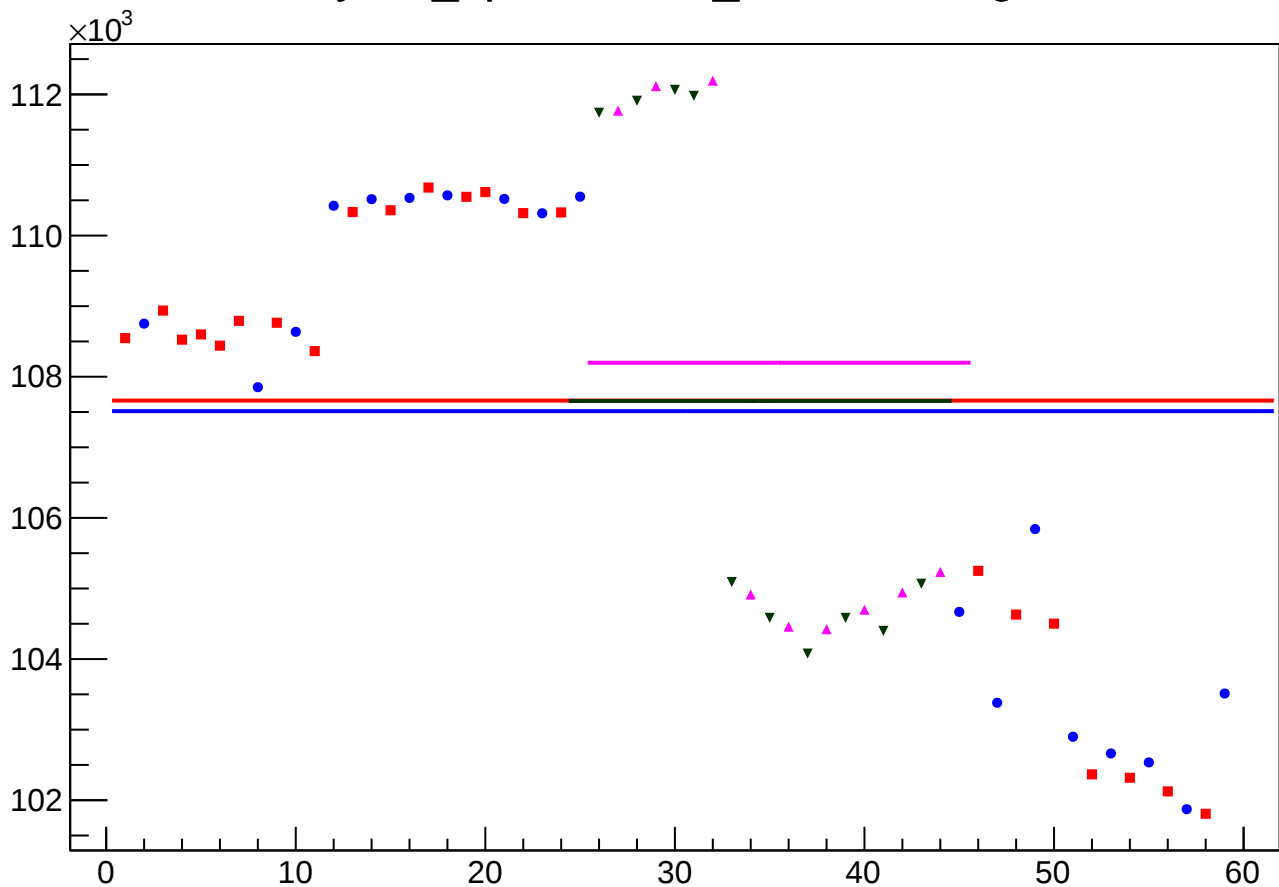
Left Out: 206.382 $\pm$ 0.065 χ^2 /NDF: 41185.7/9

Right Out: 177.077 $\pm$ 0.040 χ^2 /NDF: 471932.4/21

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

184.398 $\pm$ 0.023 χ^2 /NDF: 1534844.8/58

yield_bpm0l01WS_mean vs slug



Right In: 107512.613 $\pm$ 0.036 χ^2 /NDF: 7292240403.2/17

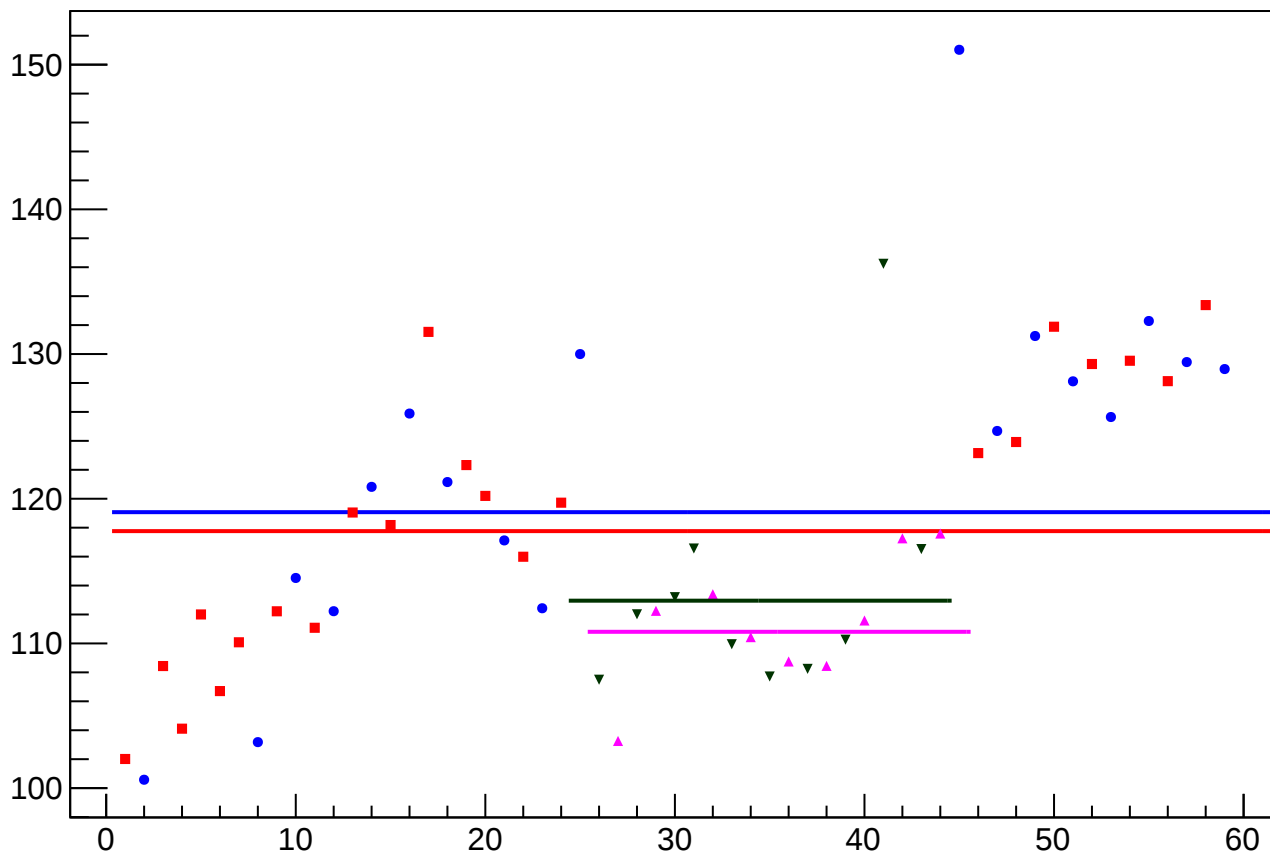
Left Out: 107656.991 $\pm$ 0.050 χ^2 /NDF: 5135639688.0/9

Right Out: 107662.315 $\pm$ 0.037 χ^2 /NDF: 6330968754.0/21

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

107716.035 $\pm$ 0.021 χ^2 /NDF: 24890175215.4/5

yield_bpm0l01WS_rms vs slug



Right In: 119.072 ± 0.025 χ^2/NDF : 216452.4/17

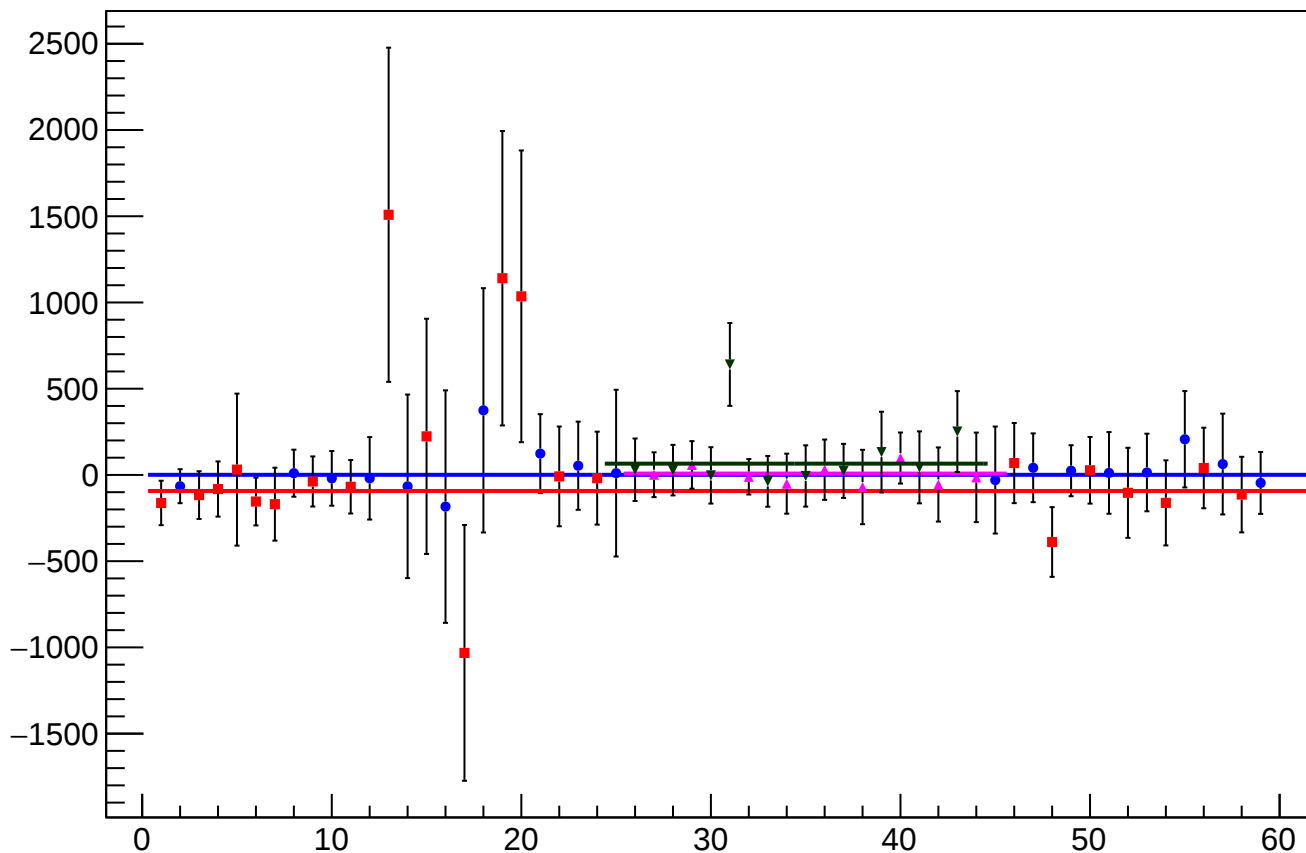
Left Out: 112.955 ± 0.036 χ^2/NDF : 43068.9/9

Right Out: 117.762 ± 0.026 χ^2/NDF : 127389.0/21

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

116.033 ± 0.015 χ^2/NDF : 455400.1/58

asym_bcm_an_ds_mean vs slug



Right In: 0.738 ± 47.948 χ^2/NDF : 1.9/17

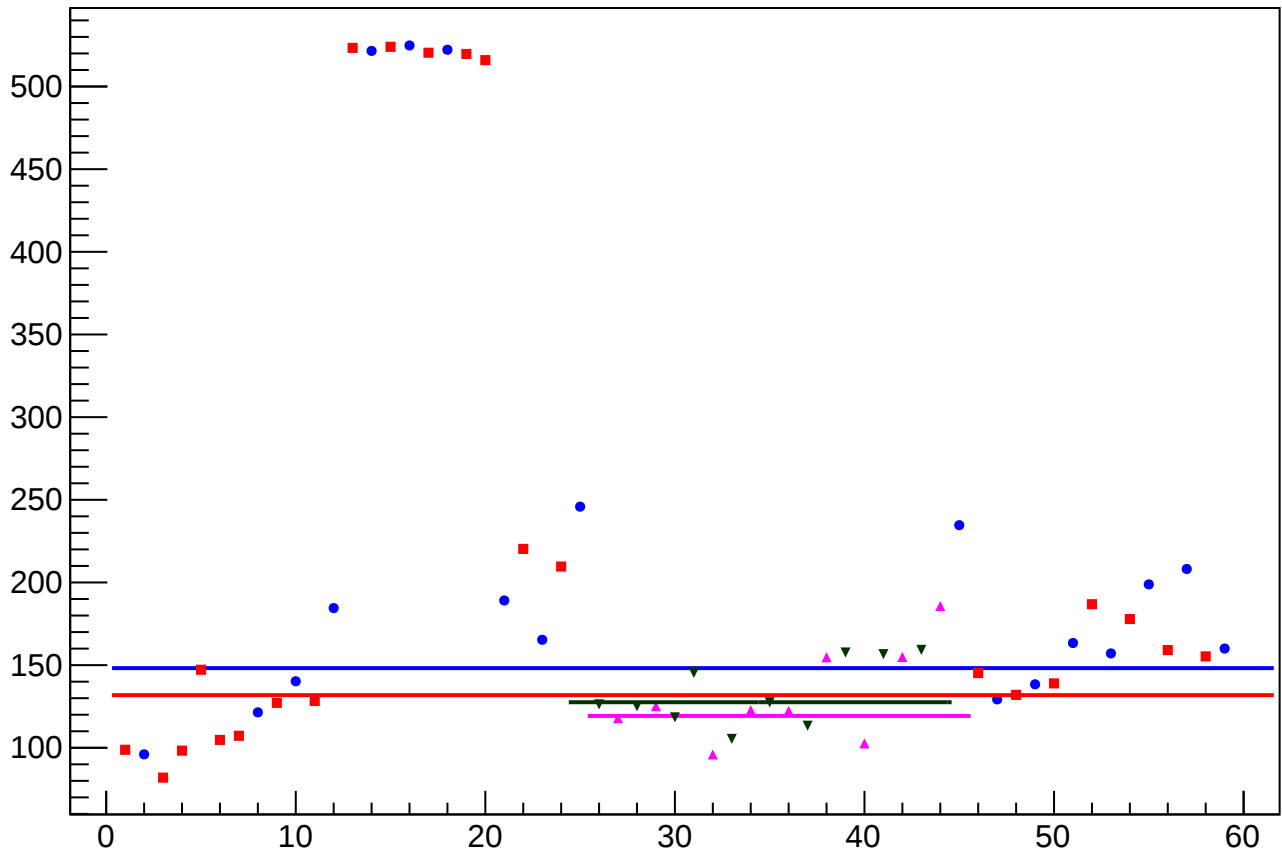
Left Out: 65.484 ± 56.811 χ^2/NDF : 7.5/9

-13.800 ± 24.888 χ^2/NDF : 28.5/58

Right Out: -92.924 ± 45.003 χ^2/NDF : 12.9/21

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

asym_bcm_an_ds_rms vs slug



Right In: 148.193+/-0.034 χ^2/NDF : 3362121.7/17

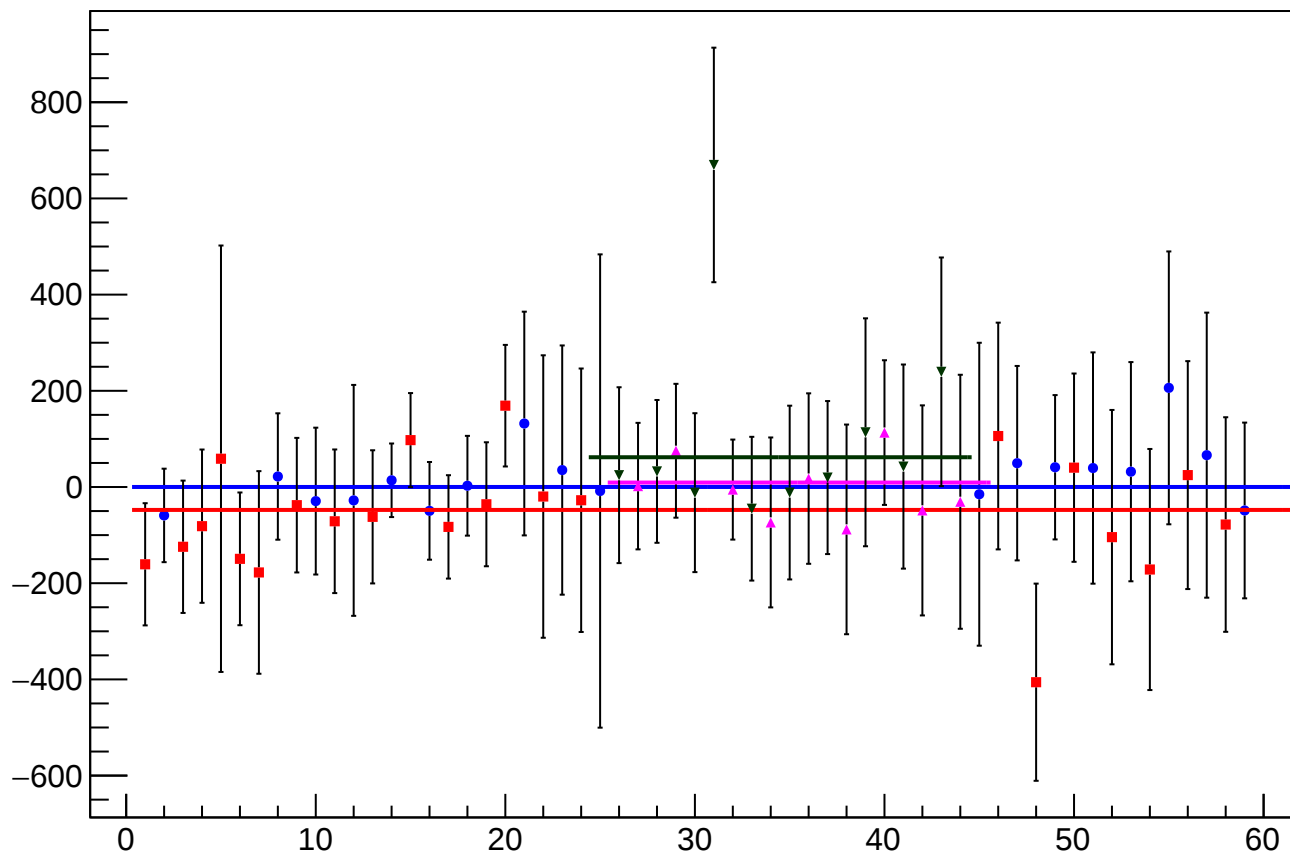
Left Out: 127.571+/-0.040 χ^2/NDF : 187904.2/9

132.510+/-0.018 χ^2/NDF : 7807049.9/58

Right Out: 131.849+/-0.032 χ^2/NDF : 3522600.1/21

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

asym_bcm_an_ds3_mean vs slug



Right In: 0.084 ± 35.540 $\chi^2/\text{NDF}: 1.9/17$

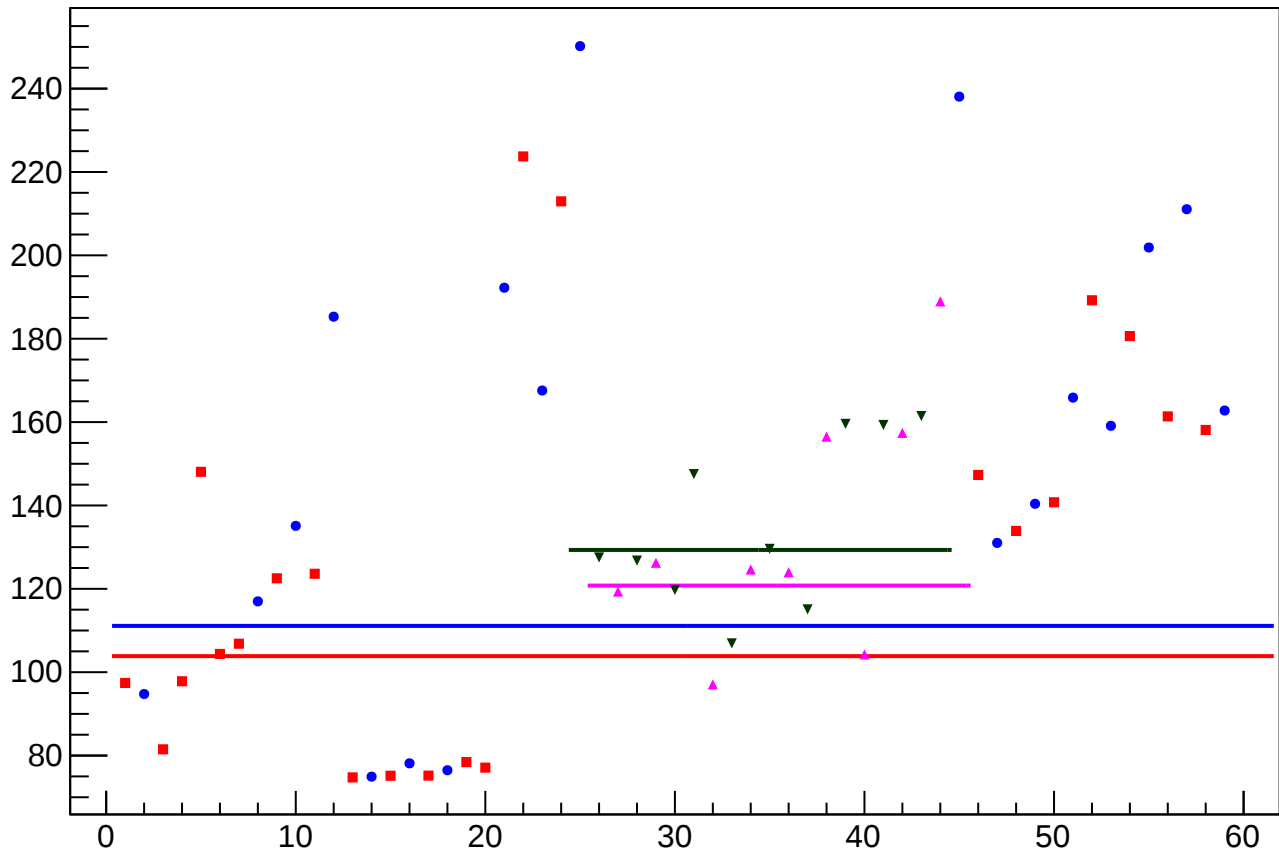
Left Out: 61.888 ± 57.600 $\chi^2/\text{NDF}: 7.9/9$

Right Out: -47.654 ± 34.153 $\chi^2/\text{NDF}: 11.5/21$

Left In: 9.264 ± 52.240 $\chi^2/\text{NDF}: 1.2/8$

-8.089 ± 20.775 $\chi^2/\text{NDF}: 25.5/58$

asym_bcm_an_ds3_rms vs slug



Right In: 111.110+/-0.025 χ^2/NDF : 2885601.1/17

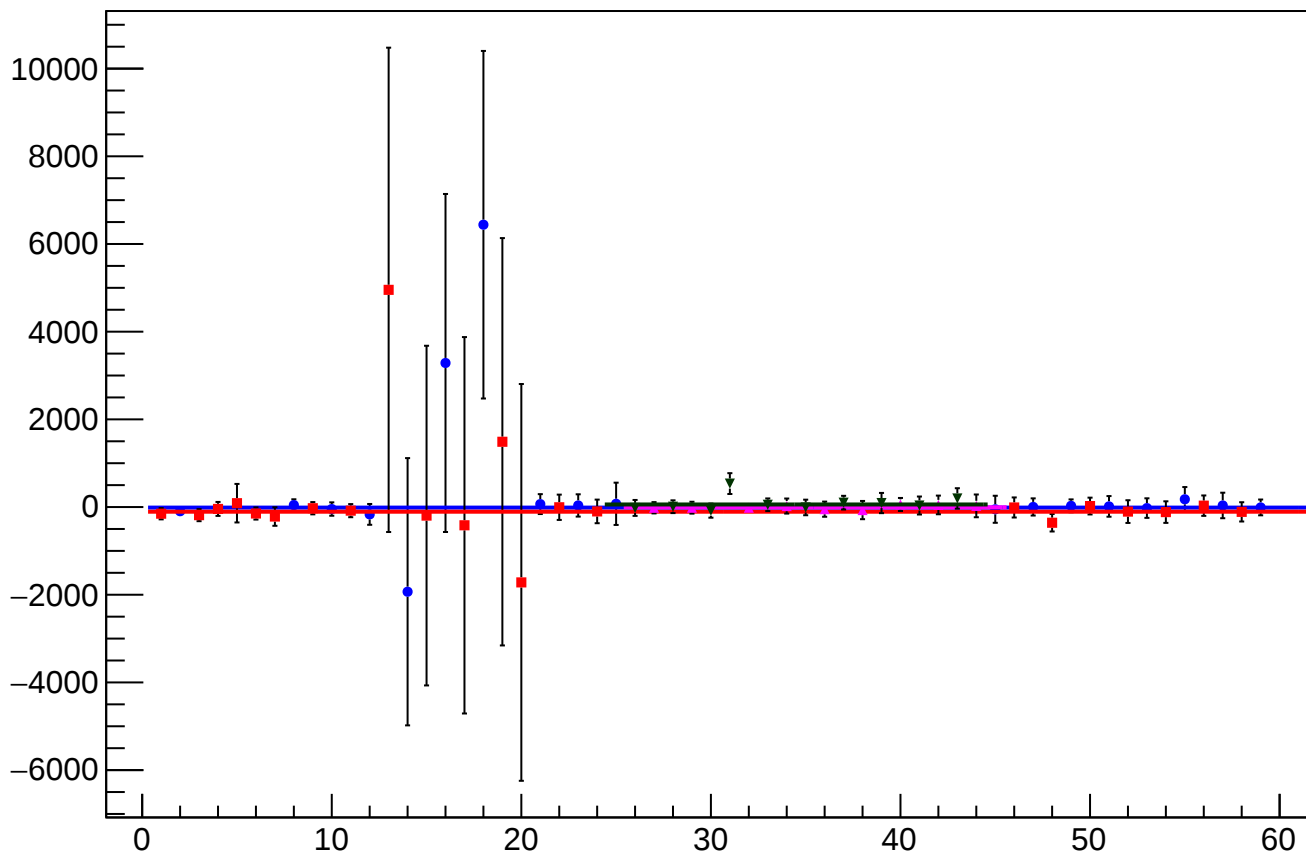
Left Out: 129.330+/-0.041 χ^2/NDF :188760.2/9

112.326+/-0.015 χ^2/NDF : 5989770.7/58

Right Out: 103.857+/-0.024 χ^2/NDF : 2186987.3/21

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

asym_bcm_an_us_mean vs slug



Right In: -12.538 ± 48.470 χ^2/NDF : 5.9/17

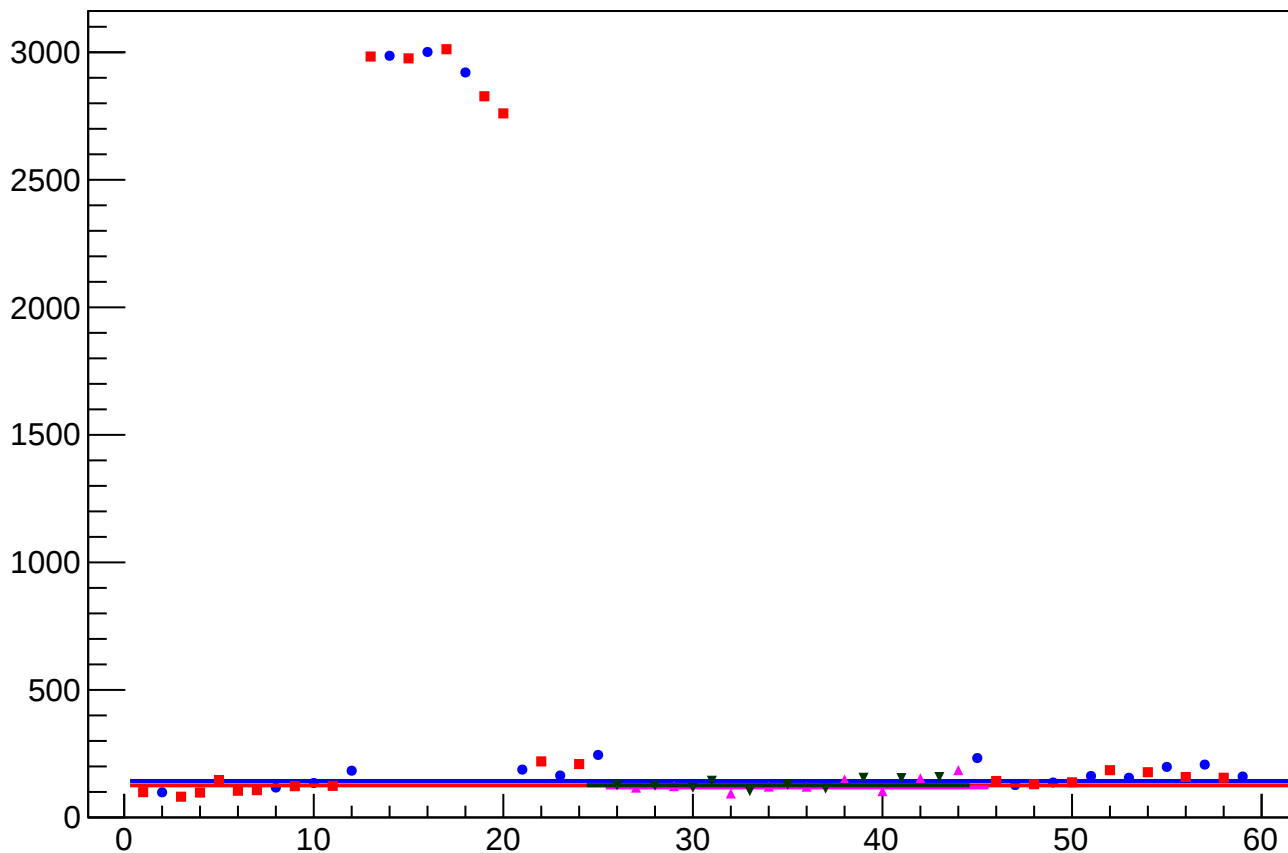
Left Out: 58.851 ± 56.282 χ^2/NDF : 5.7/9

Right Out: -106.263 ± 44.908 χ^2/NDF : 5.3/21

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

-25.279 ± 24.821 χ^2/NDF : 23.1/58

asym_bcm_an_us_rms vs slug



Right In: 143.066+/-0.034 χ^2/NDF : 4906726.2/17

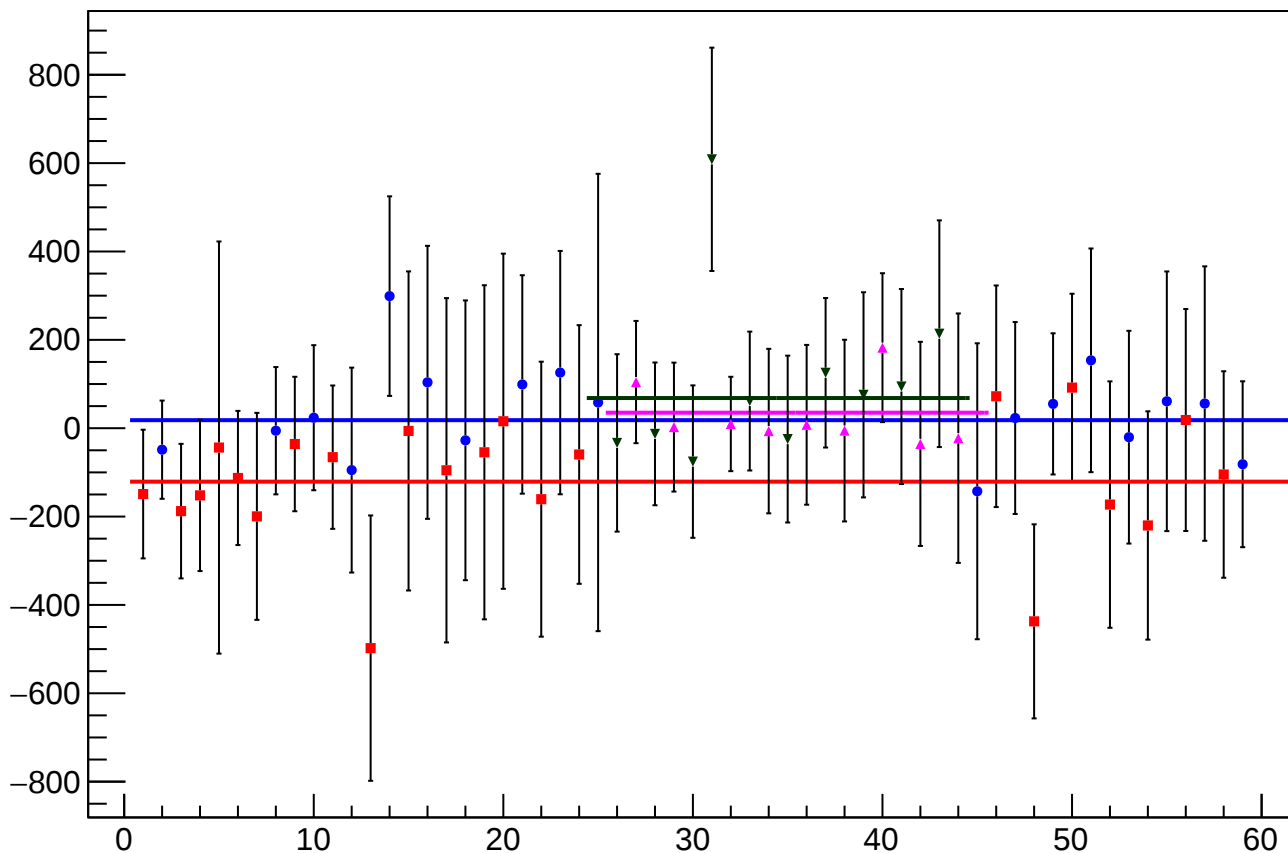
Left Out: 126.276+/-0.040 χ^2/NDF : 191667.2/9

Right Out: 125.796+/-0.032 χ^2/NDF : 4995652.8/21

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

128.495+/-0.018 χ^2/NDF : 10749850.6/58

asym_bcm_dg_us_mean vs slug



Right In: 18.200+/-49.350 χ^2/NDF : 3.5/17

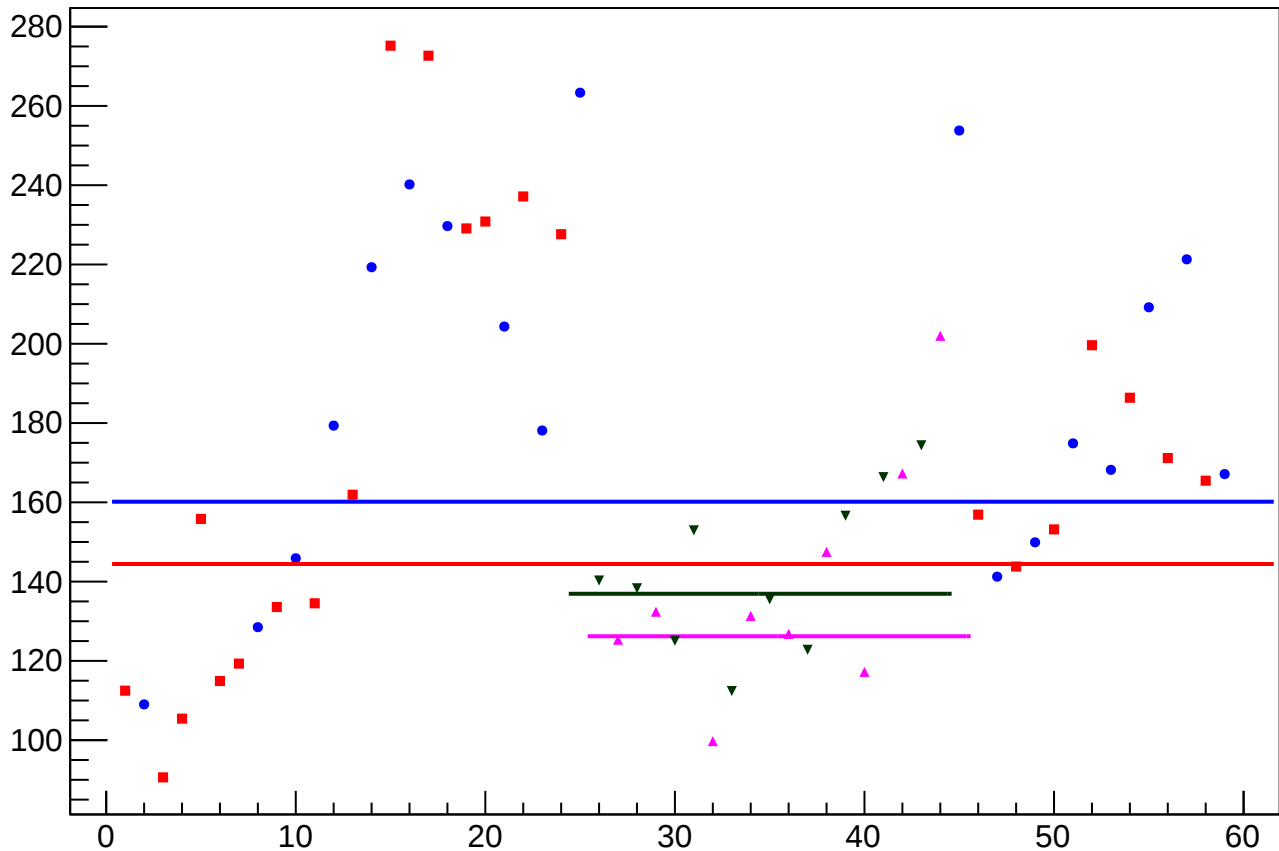
Left Out: 68.281+/-60.848 χ^2/NDF : 6.5/9

-11.672+/-26.074 χ^2/NDF : 26.4/58

Right Out: -120.979+/-46.946 χ^2/NDF : 6.9/21

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

asym_bcm_dg_us_rms vs slug



Right In: 160.156+/-0.035 χ^2/NDF : 1393015.3/17

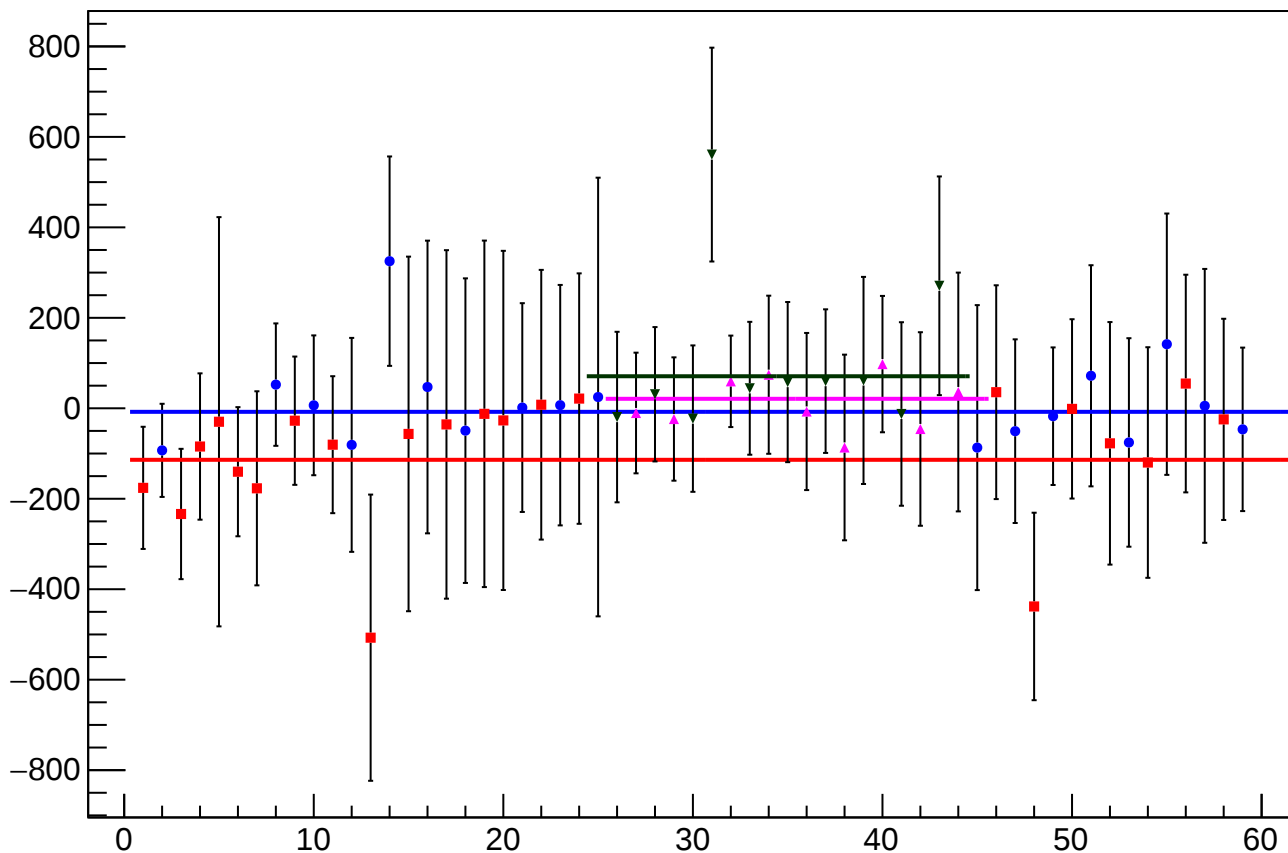
Left Out: 136.932+/-0.043 χ^2/NDF :173473.1/9

143.278+/-0.018 χ^2/NDF : 4155794.1/58

Right Out: 144.438+/-0.033 χ^2/NDF : 1773881.4/21

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

asym_bcm_dg_ds_mean vs slug



Right In: -7.820 ± 47.161 χ^2/NDF : 3.7/17

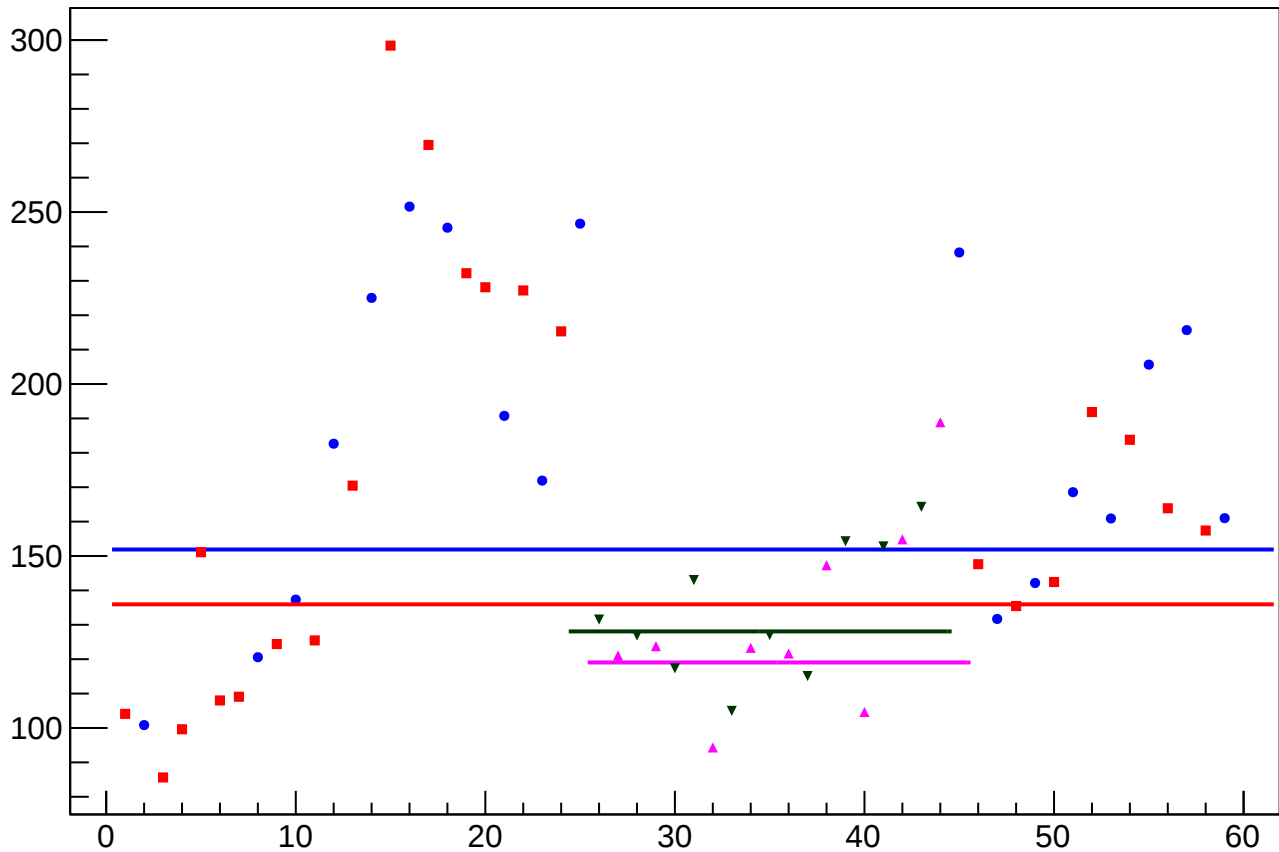
Left Out: 70.831 ± 56.980 χ^2/NDF : 5.8/9

-19.087 ± 24.690 χ^2/NDF : 25.8/58

Right Out: -113.884 ± 44.490 χ^2/NDF : 7.5/21

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

asym_bcm_dg_ds_rms vs slug



Right In: 151.888 $\pm$ 0.033 χ^2/NDF : 1692756.0/17

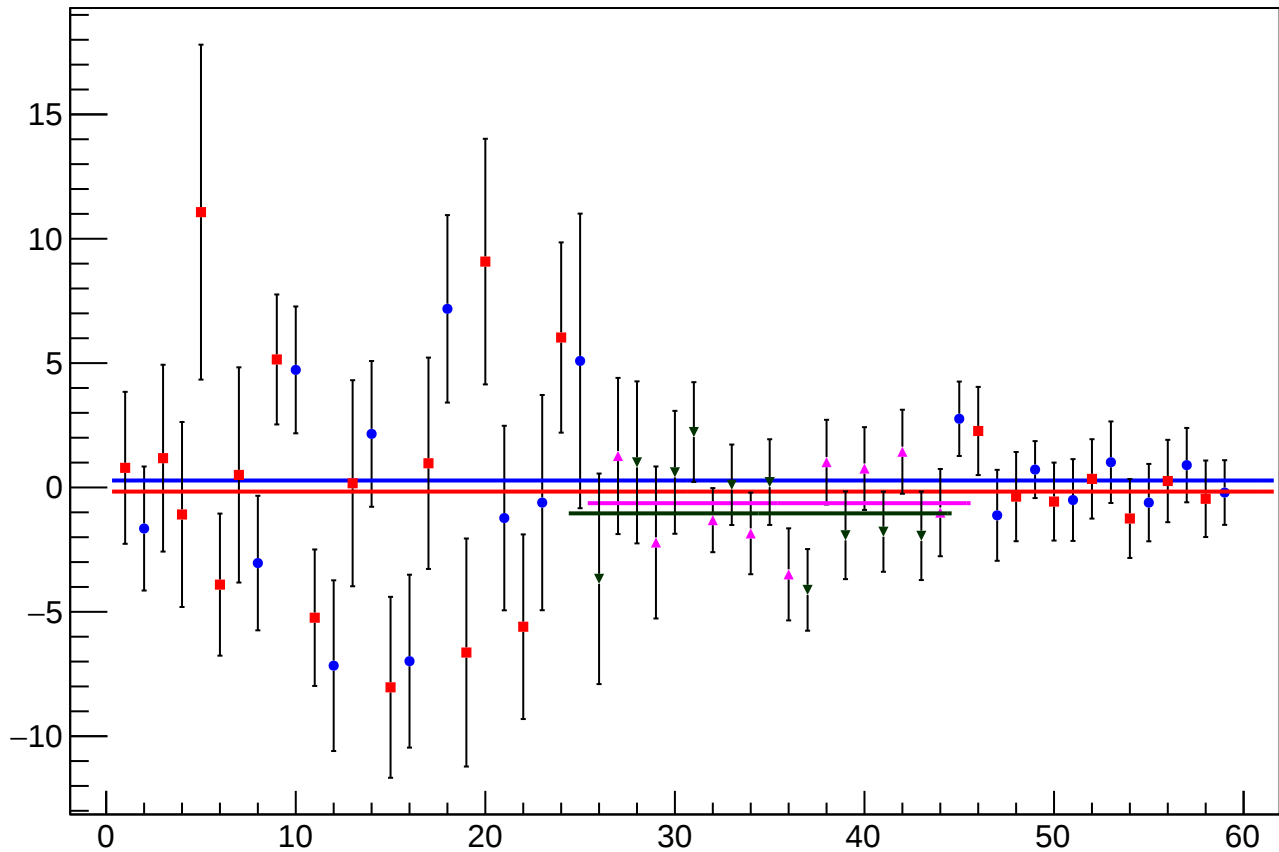
Left Out: 128.077 $\pm$ 0.040 χ^2/NDF : 181273.8/9

Right Out: 135.941 $\pm$ 0.031 χ^2/NDF : 2006029.2/21

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

134.946 $\pm$ 0.017 χ^2/NDF : 4735274.1/58

asym_cav4bQ_mean vs slug



Right In: 0.280 ± 0.463 χ^2/NDF : 23.4/17

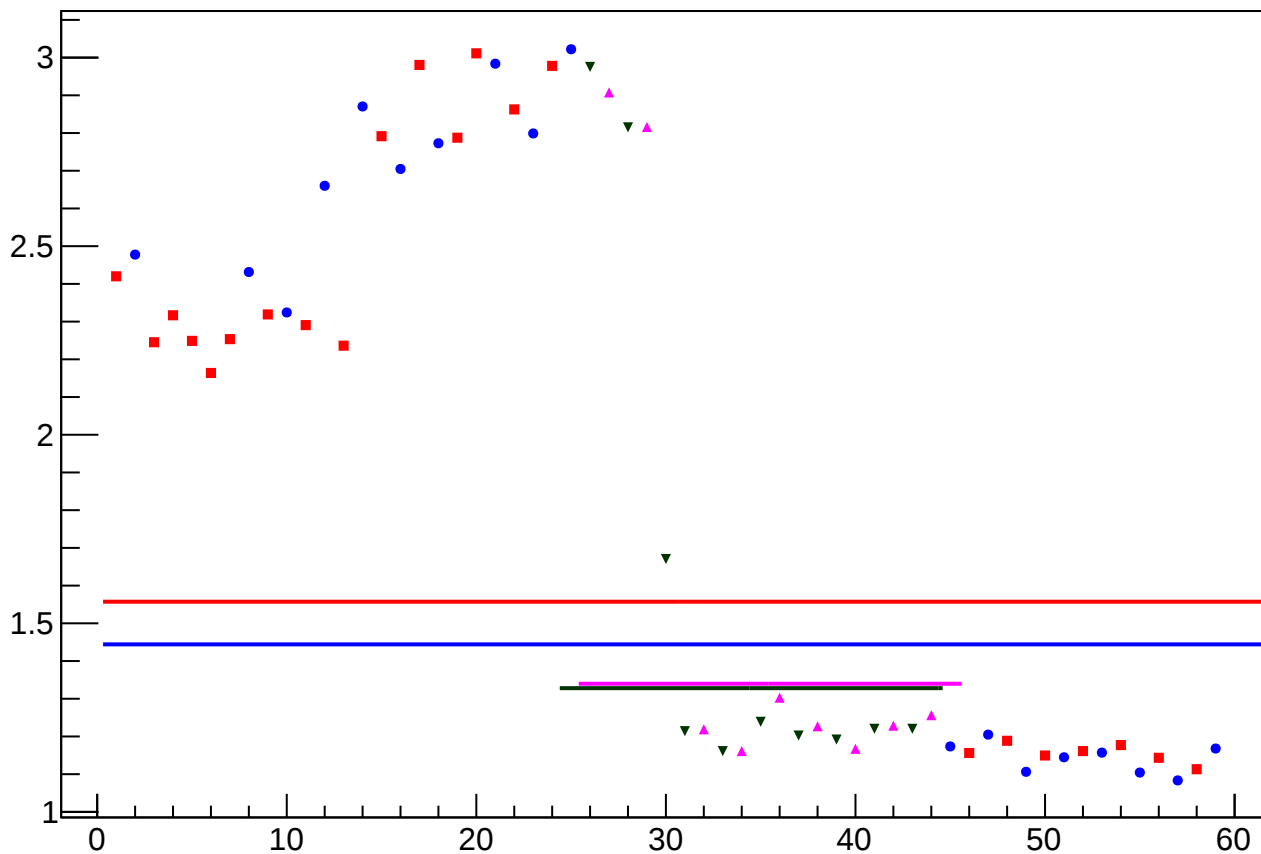
Left Out: -1.041 ± 0.611 χ^2/NDF : 9.2/9

-0.280 ± 0.268 χ^2/NDF : 73.0/58

Right Out: -0.165 ± 0.516 χ^2/NDF : 30.0/21

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

asym_cav4bQ_rms vs slug



Right In: 1.444+/-0.000 χ^2/NDF : 3470861.0/17

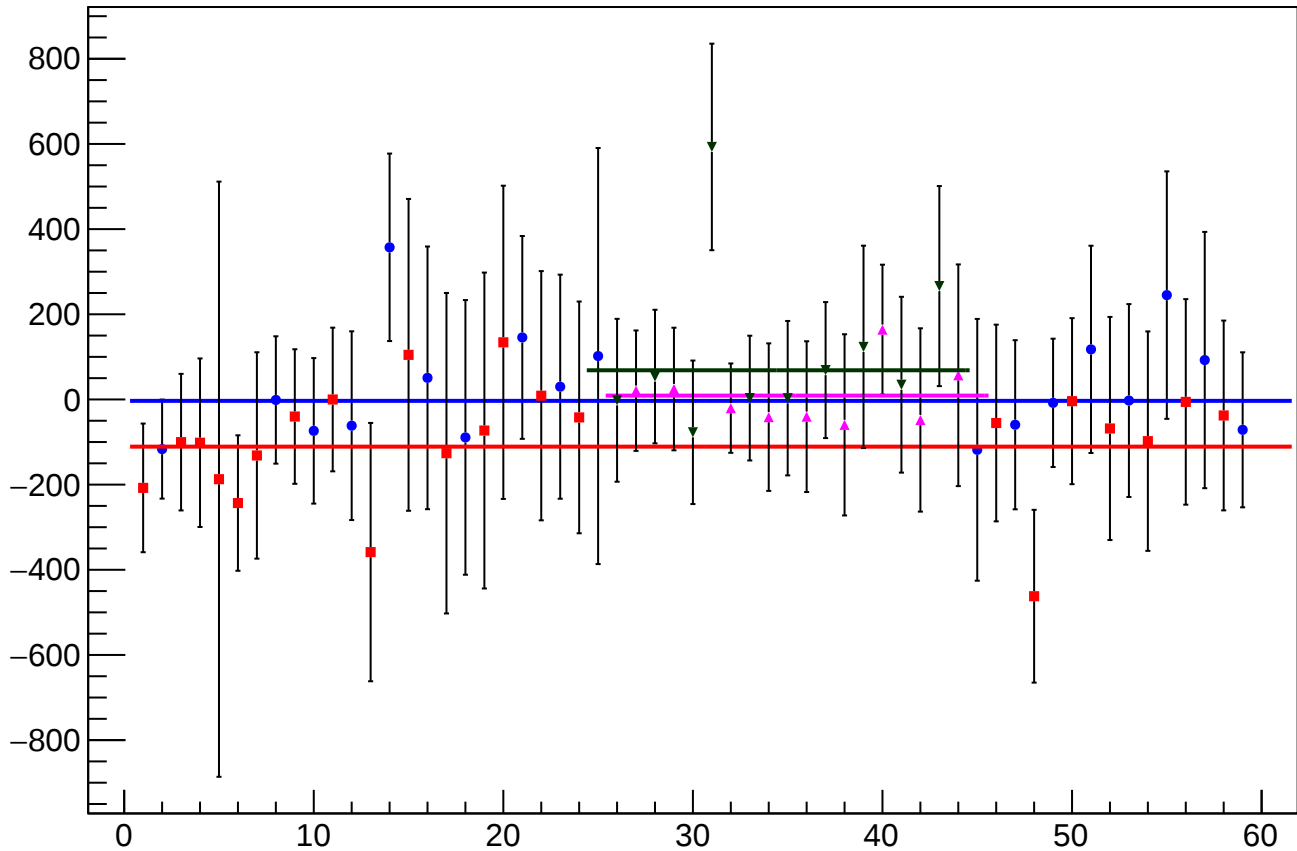
Left Out: 1.328+/-0.000 χ^2/NDF : 831193.5/9

Right Out: 1.557+/-0.000 χ^2/NDF : 2987074.5/21

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

1.431+/-0.000 χ^2/NDF : 8565959.0/58

asym_cav4cQ_mean vs slug



Right In: -3.303 ± 48.809 $\chi^2/\text{NDF}: 5.9/17$

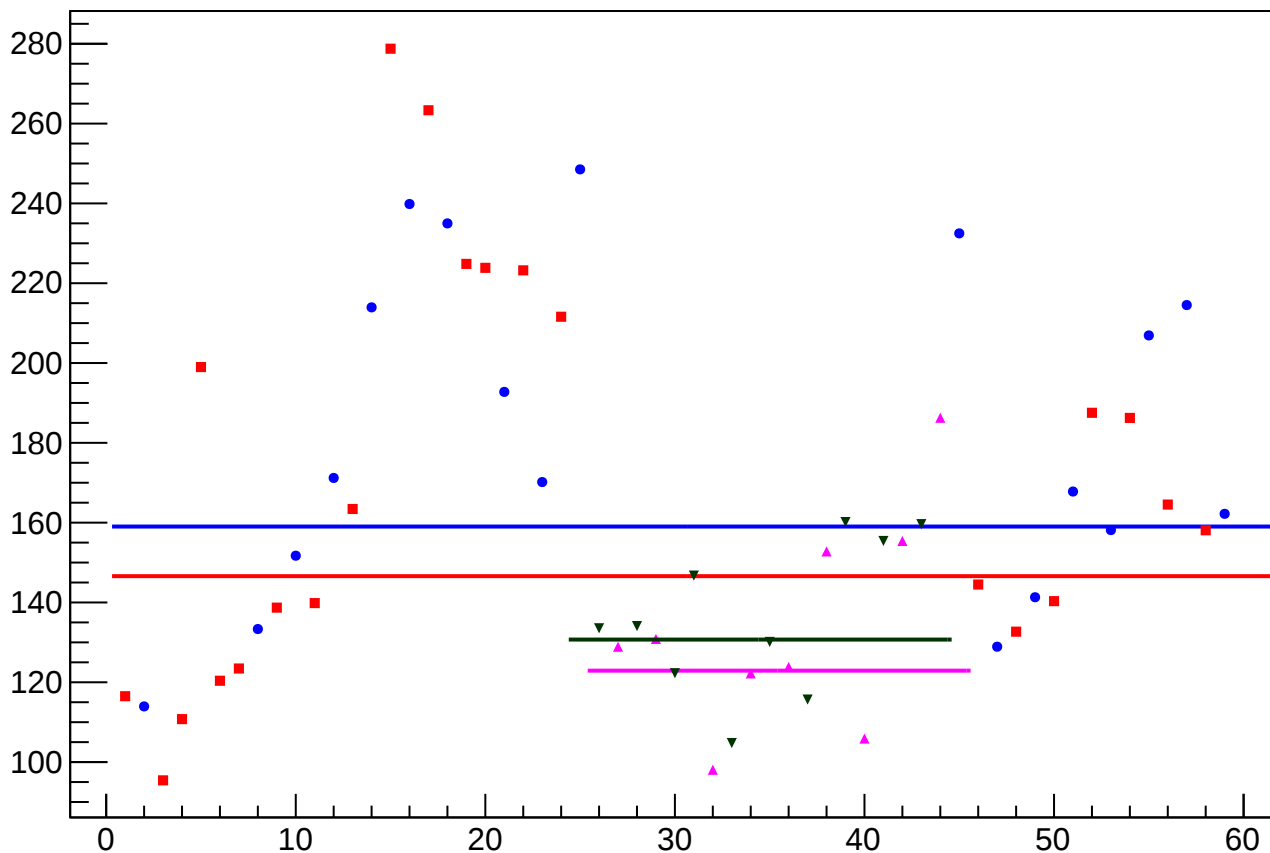
Left Out: 68.524 ± 58.147 $\chi^2/\text{NDF}: 6.7/9$

-17.852 ± 25.693 $\chi^2/\text{NDF}: 27.6/58$

Right Out: -110.795 ± 47.483 $\chi^2/\text{NDF}: 7.1/21$

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

asym_cav4cQ_rms vs slug



Right In: 159.025+/-0.035 χ^2/NDF : 1166322.9/17

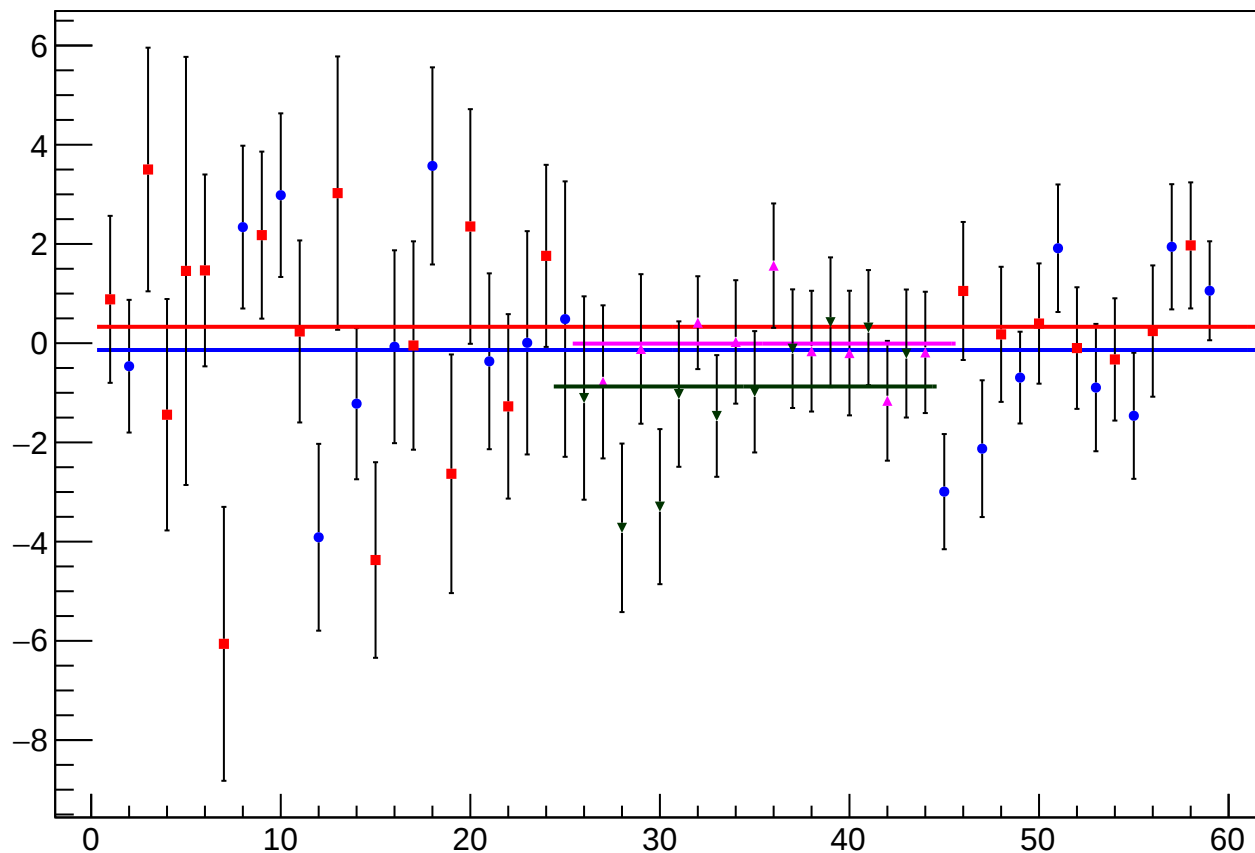
Left Out: 130.703+/-0.041 χ^2/NDF :185197.8/9

141.374+/-0.018 χ^2/NDF : 3749766.0/58

Right Out: 146.591+/-0.034 χ^2/NDF : 1452425.9/21

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

asym_cav4dQ_mean vs slug



Right In: -0.137 ± 0.332 χ^2/NDF : 30.6/17

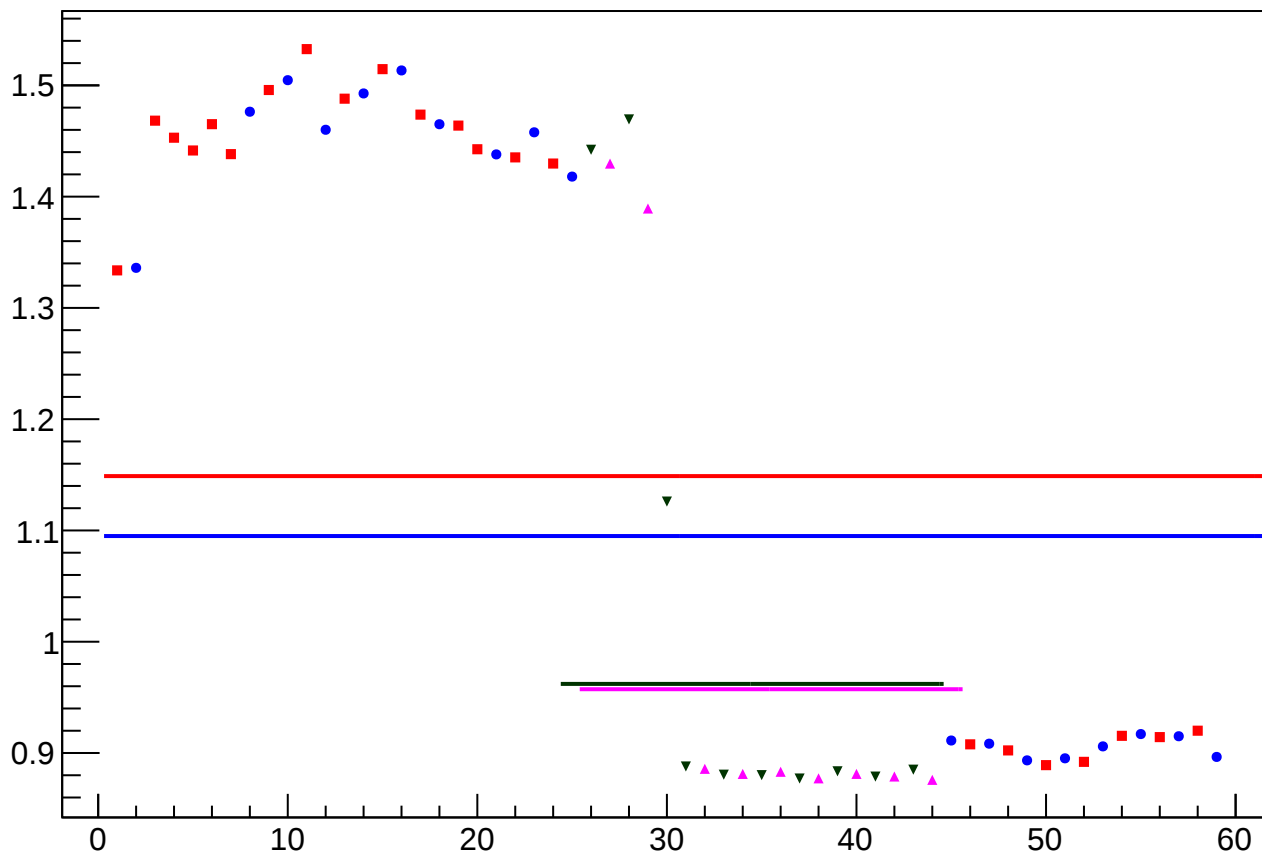
Left Out: -0.873 ± 0.429 χ^2/NDF : 8.2/9

Right Out: 0.330 ± 0.362 χ^2/NDF : 22.0/21

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

-0.125 ± 0.189 χ^2/NDF : 68.5/58

asym_cav4dQ_rms vs slug



Right In: 1.095+/-0.000 χ^2/NDF : 1256581.2/17

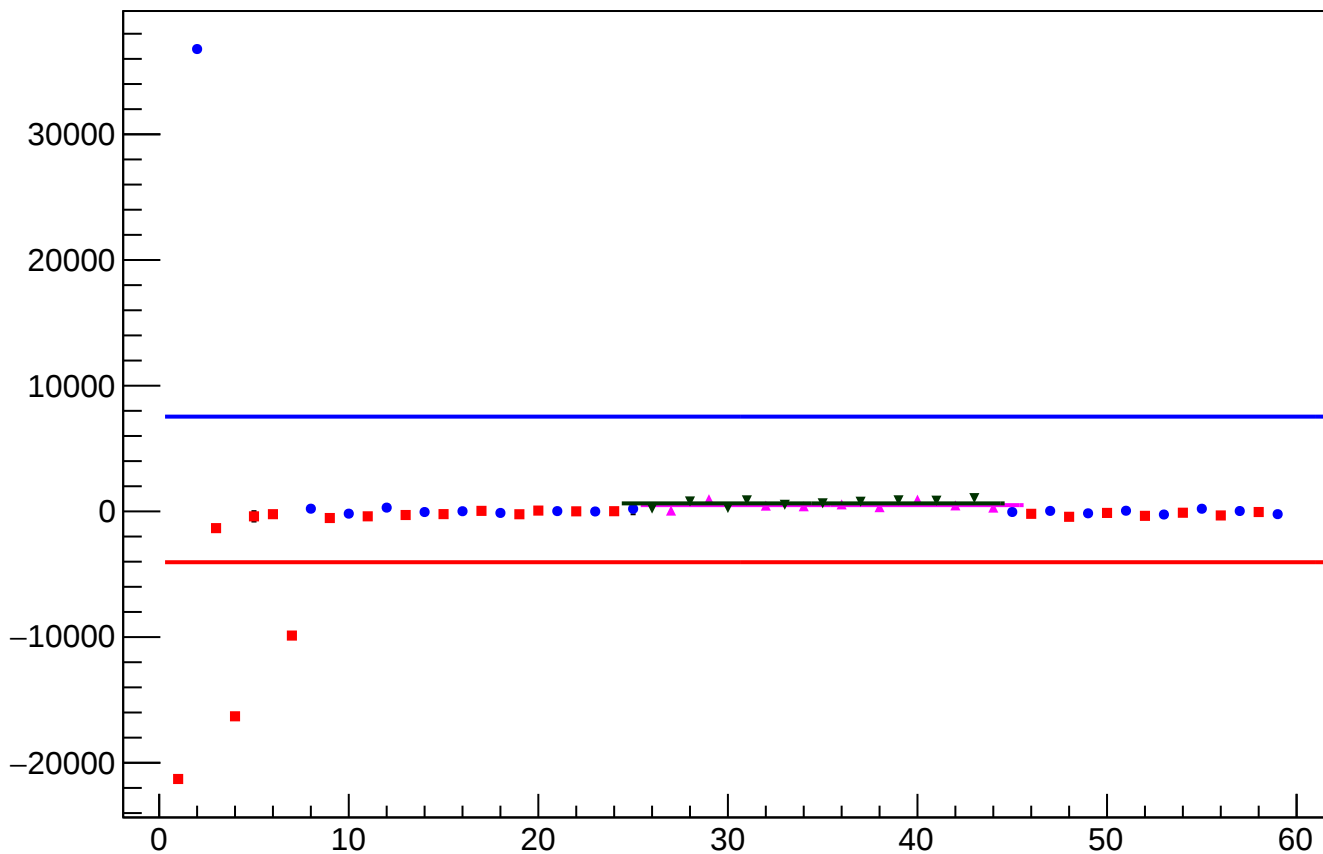
Left Out: 0.962+/-0.000 χ^2/NDF : 367875.5/9

Right Out: 1.149+/-0.000 χ^2/NDF : 1160365.1/21

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

1.055+/-0.000 χ^2/NDF : 3566274.2/58

asym_bcm0l02_mean vs slug



Right In: 7539.725+/-49.221 χ^2/NDF : 91231.8/17

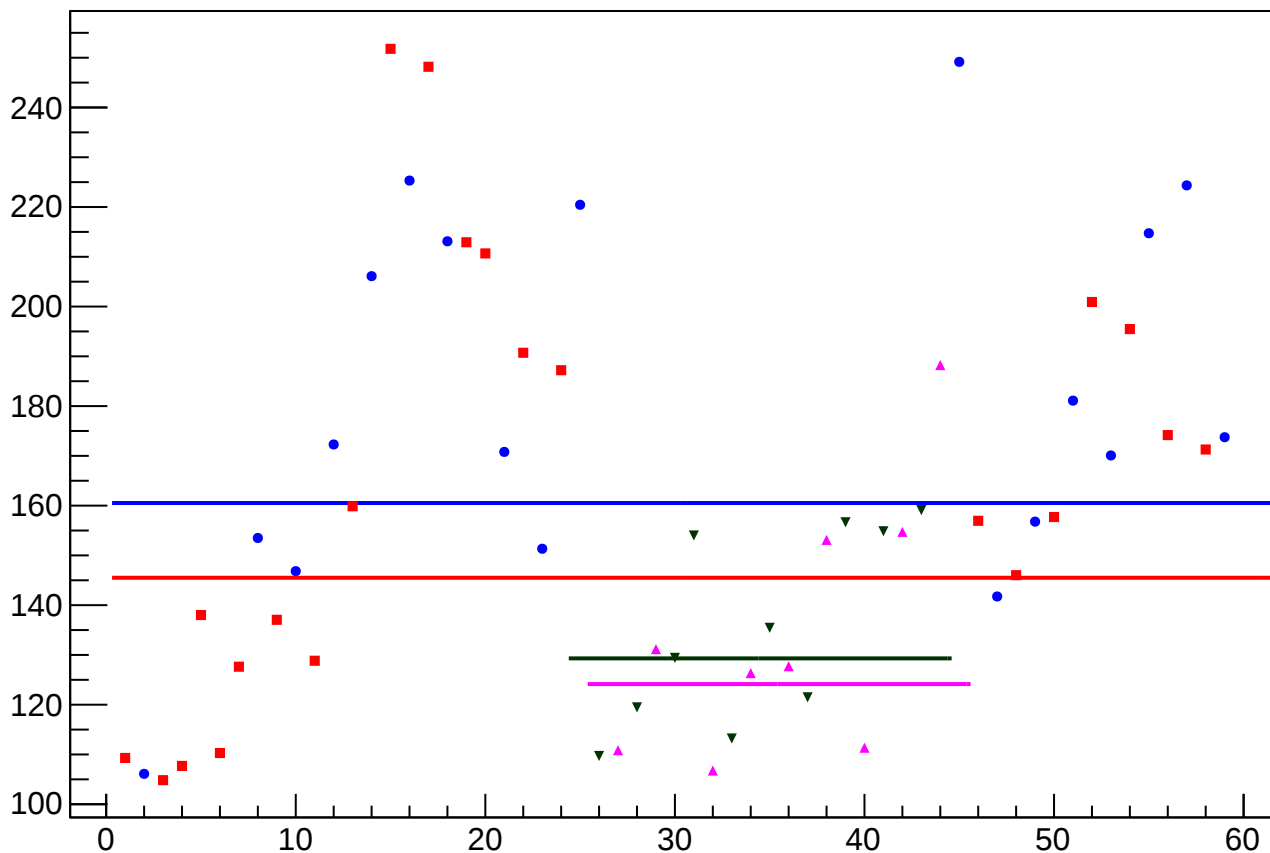
Left Out: 637.702+/-57.571 χ^2/NDF : 19.9/9

1076.246+/-25.632 χ^2/NDF : 145400.8/58

Right Out: -4043.779+/-46.860 χ^2/NDF : 24758.2/21

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

asym_bcm0l02_rms vs slug



Right In: 160.527+/-0.035 χ^2/NDF : 1161096.7/17

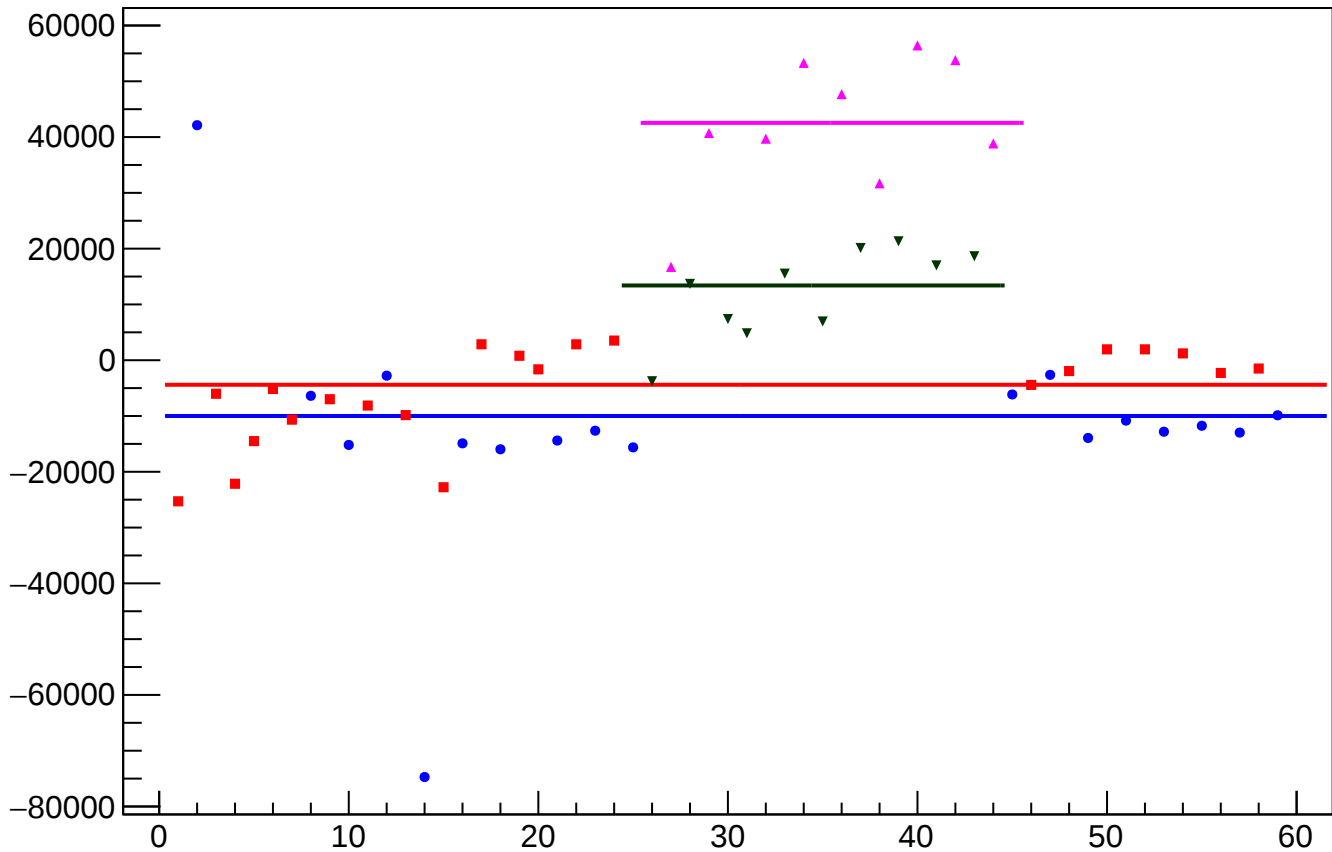
Left Out: 129.305+/-0.041 χ^2/NDF : 178100.8/9

141.425+/-0.018 χ^2/NDF : 3570724.0/58

Right Out: 145.506+/-0.033 χ^2/NDF : 1330660.7/21

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

asym_bpm2i01WS_mean vs slug



Right In: -9996.544 ± 31.550 $\chi^2/\text{NDF}: 443939.4/17$

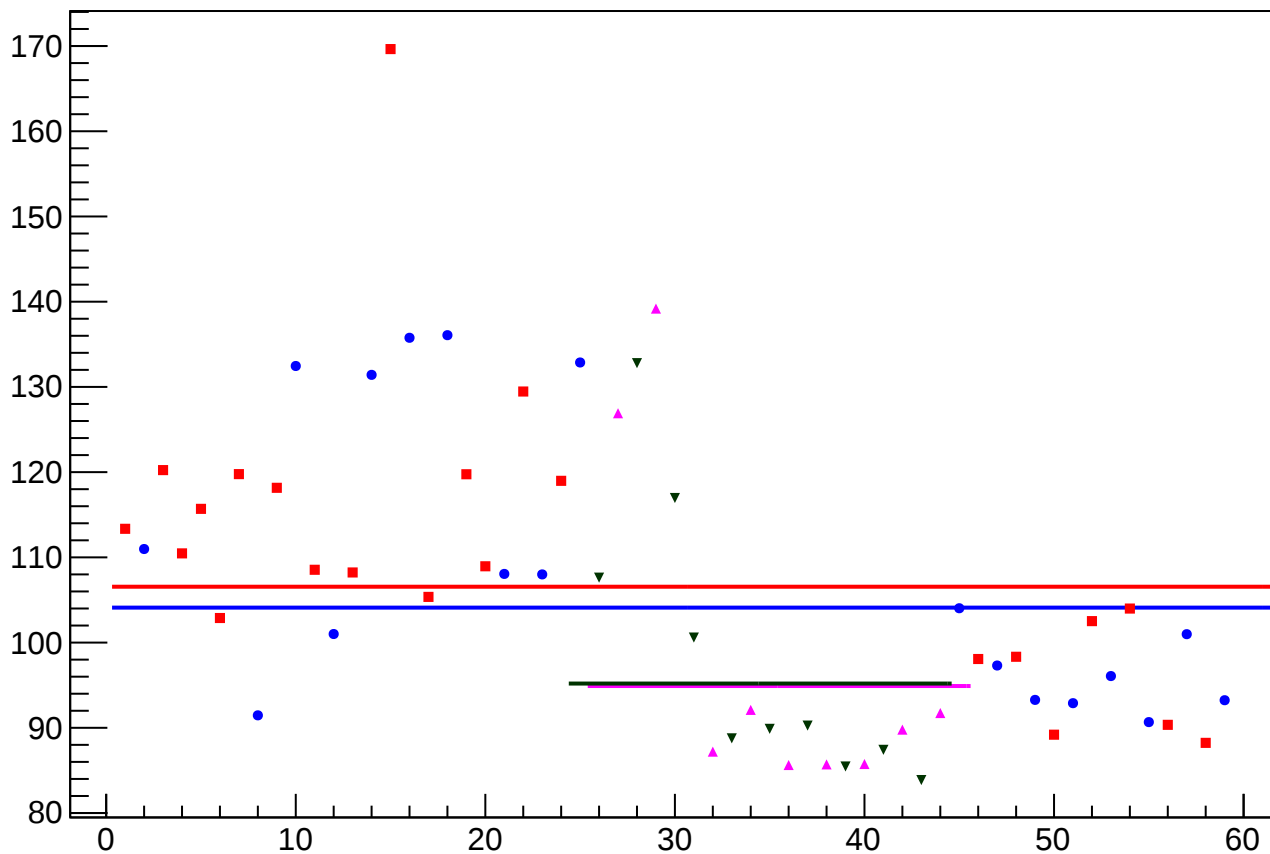
Left Out: 13400.444 ± 42.949 $\chi^2/\text{NDF}: 28731.1/9$

6058.598 ± 18.253 $\chi^2/\text{NDF}: 1756917.7/58$

Right Out: -4401.928 ± 33.869 $\chi^2/\text{NDF}: 53307.9/21$

Left In: 42544.825 ± 41.418 $\chi^2/\text{NDF}: 71344.1/8$

asym_bpm2i01WS_rms vs slug



Right In: 104.103+/-0.022 χ^2/NDF : 426816.2/17

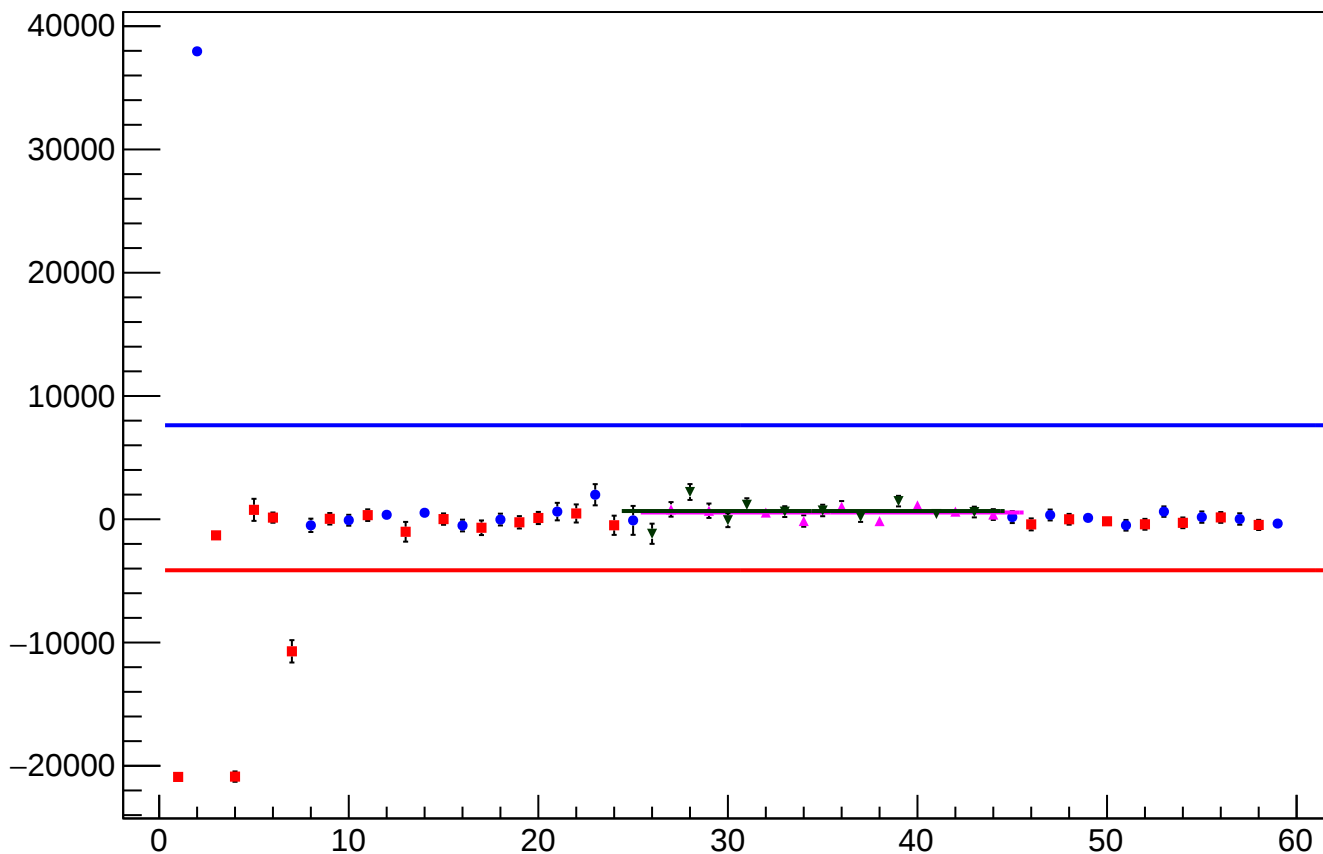
Left Out: 95.193+/-0.030 χ^2/NDF : 206589.2/9

Right Out: 106.556+/-0.024 χ^2/NDF : 369374.2/21

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

101.419+/-0.013 χ^2/NDF : 1469069.8/58

asym_bpm0i07WS_mean vs slug



Right In: 7625.982+/-96.253 χ^2/NDF : 24663.5/17

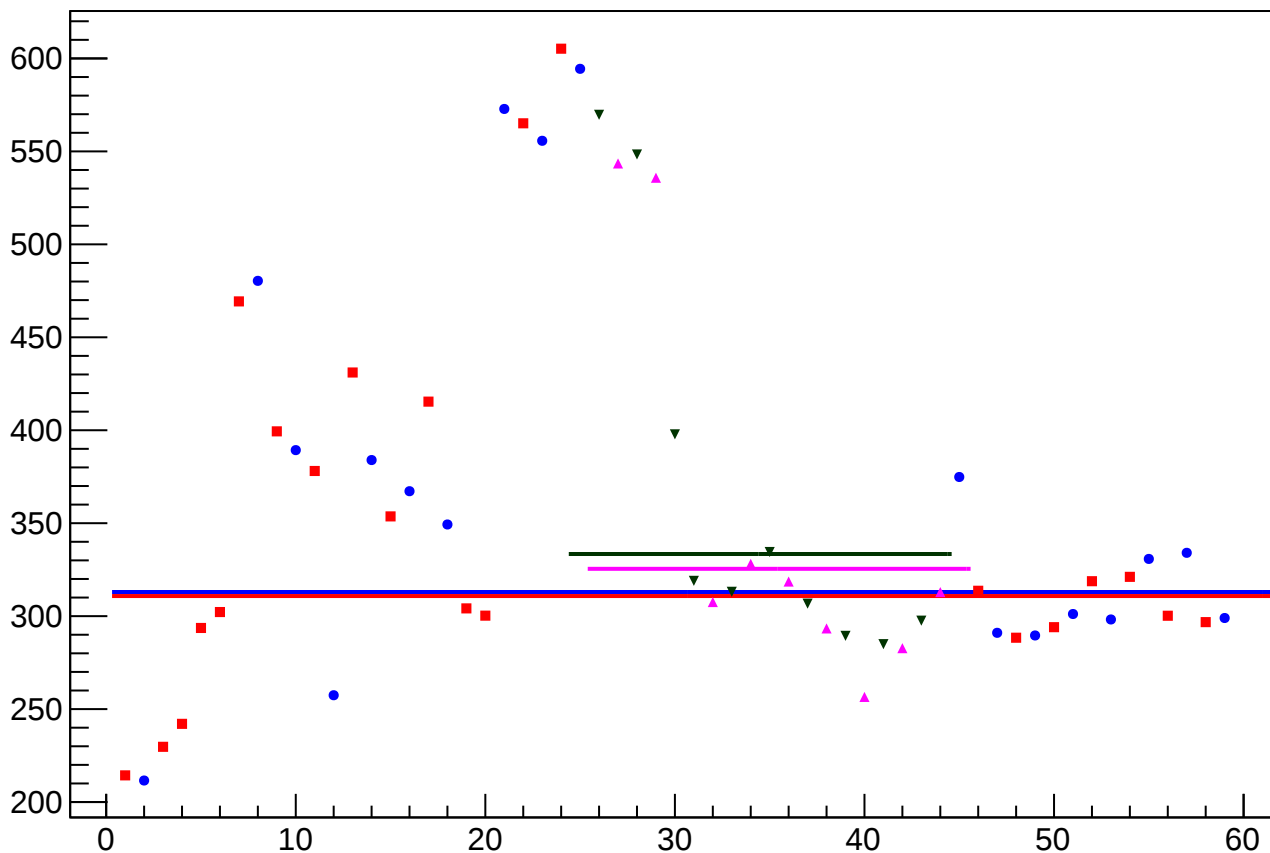
Left Out: 667.747+/-150.881 χ^2/NDF : 18.7/9

Right Out: -4138.164+/-99.861 χ^2/NDF : 6475.4/21

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

1538.736+/-57.534 χ^2/NDF : 38480.4/58

asym_bpm0i07WS_rms vs slug



Right In: 312.989+/-0.068 χ^2/NDF : 1456343.7/17

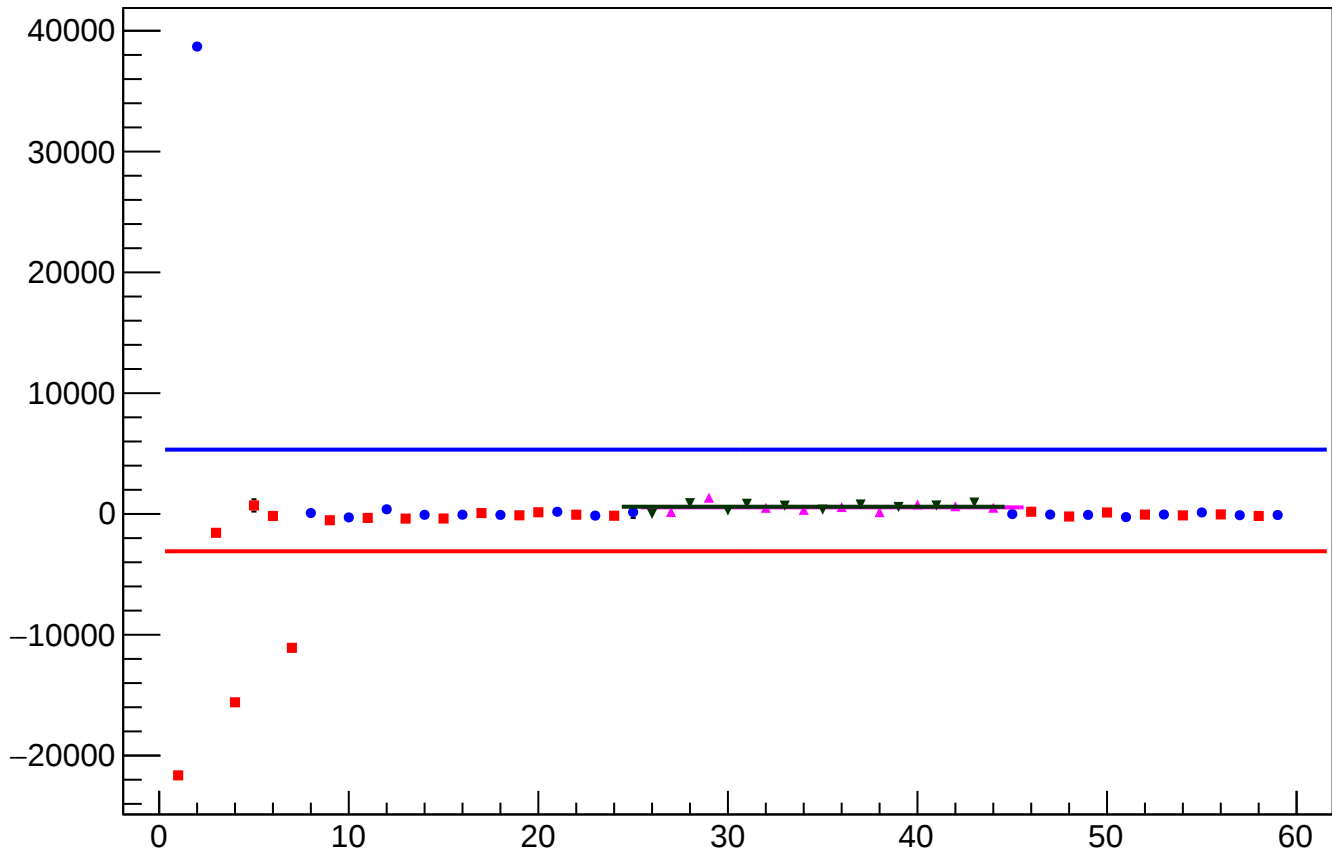
Left Out: 333.428+/-0.107 χ^2/NDF : 497404.6/9

Right Out: 310.816+/-0.071 χ^2/NDF : 1217552.1/21

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

317.302+/-0.041 χ^2/NDF : 3860474.6/58

asym_bpm0l01WS_mean vs slug



Right In: 5326.779+/-57.610 χ^2/NDF : 53907.0/17

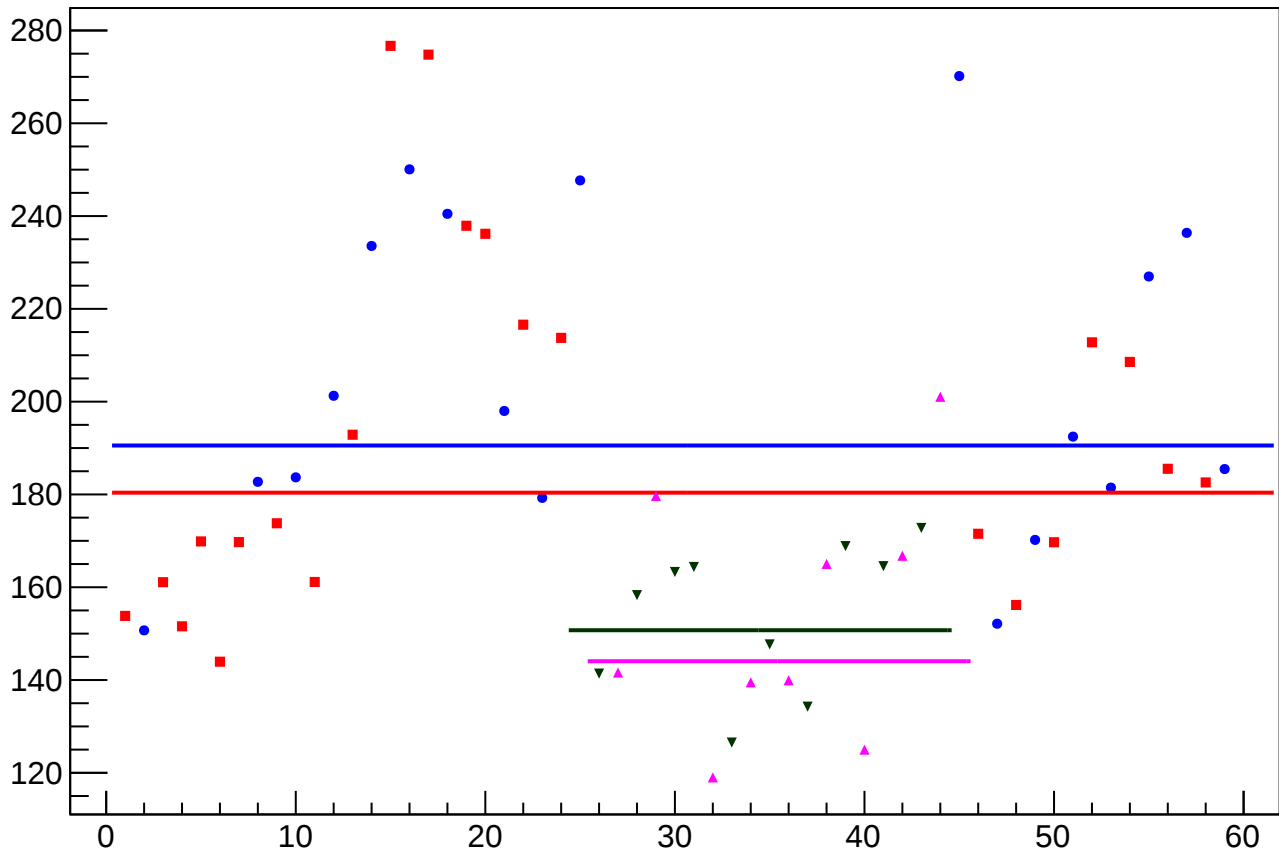
Left Out: 600.051+/-66.921 χ^2/NDF : 18.8/9

851.248+/-30.222 χ^2/NDF : 78645.0/58

Right Out: -3088.262+/-57.009 χ^2/NDF : 13841.0/21

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

asym_bpm0l01WS_rms vs slug



Right In: 190.548 $\pm$ 0.041 χ^2 /NDF: 601797.4/17

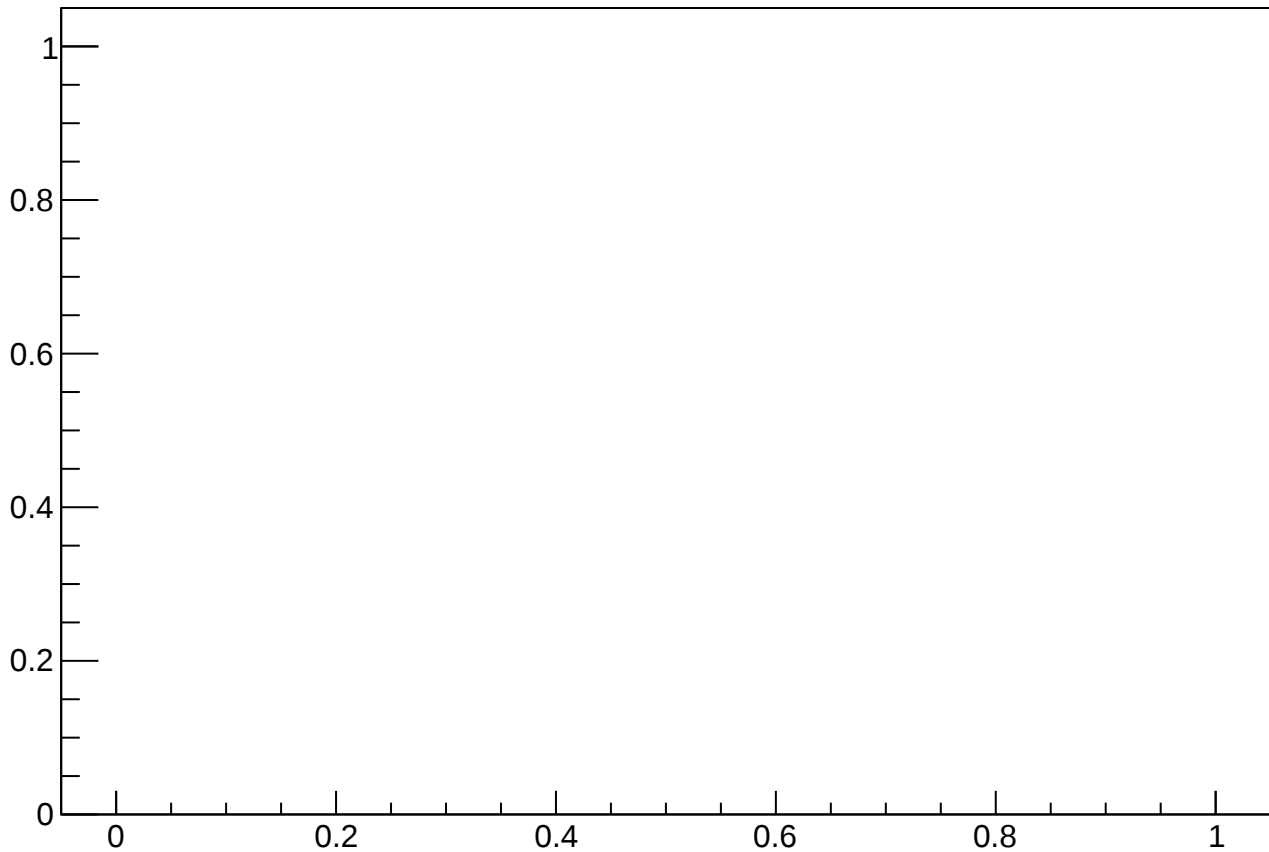
Left Out: 150.733 $\pm$ 0.047 χ^2 /NDF:106311.0/9

168.419 $\pm$ 0.021 χ^2 /NDF: 2474078.3/58

Right Out: 180.382 $\pm$ 0.040 χ^2 /NDF: 643486.3/21

Left In: 144.050 $\pm$ 0.044 χ^2 /NDF:287778.2/8

bcm_an_us_ds_avg_mean vs slug



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

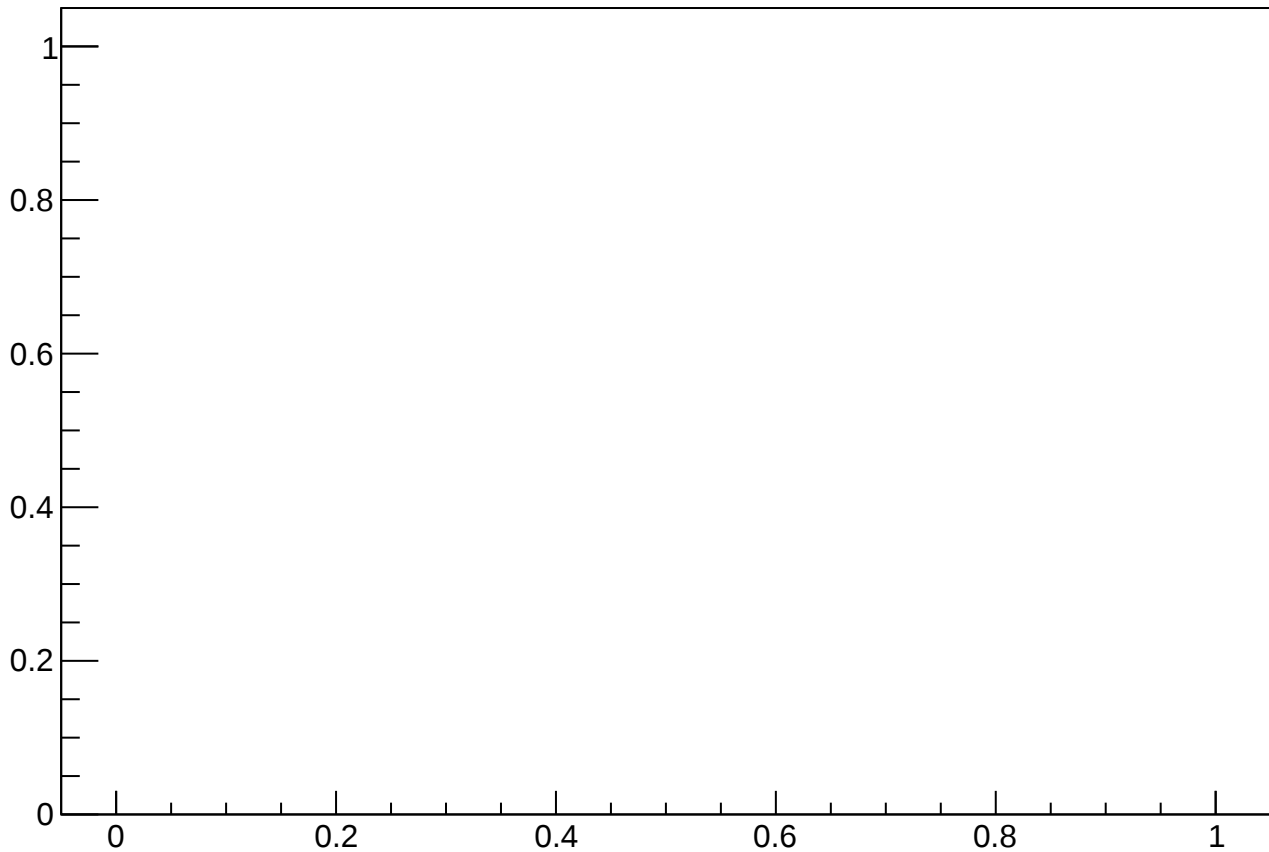
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

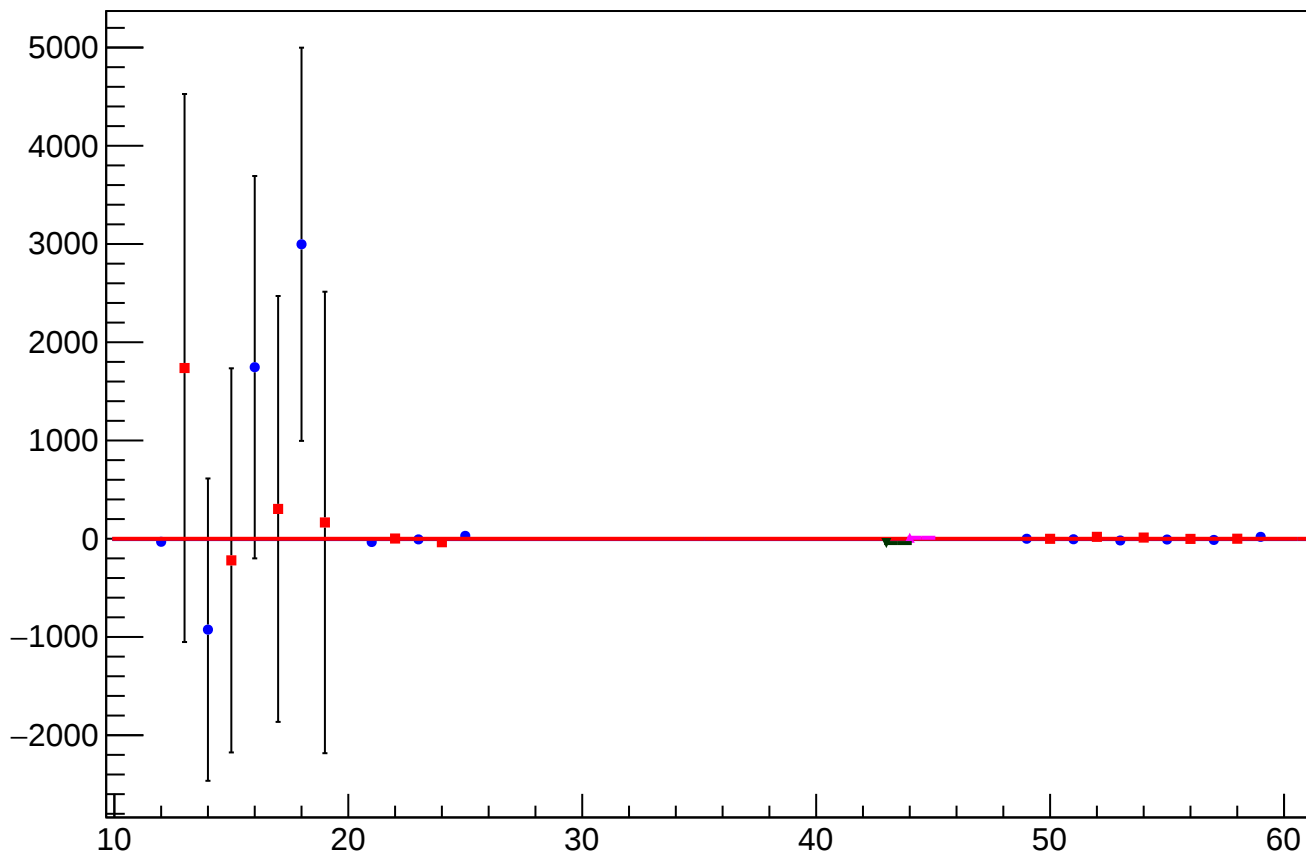
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -3.572+/-6.734 χ^2 /NDF: 9.7/12

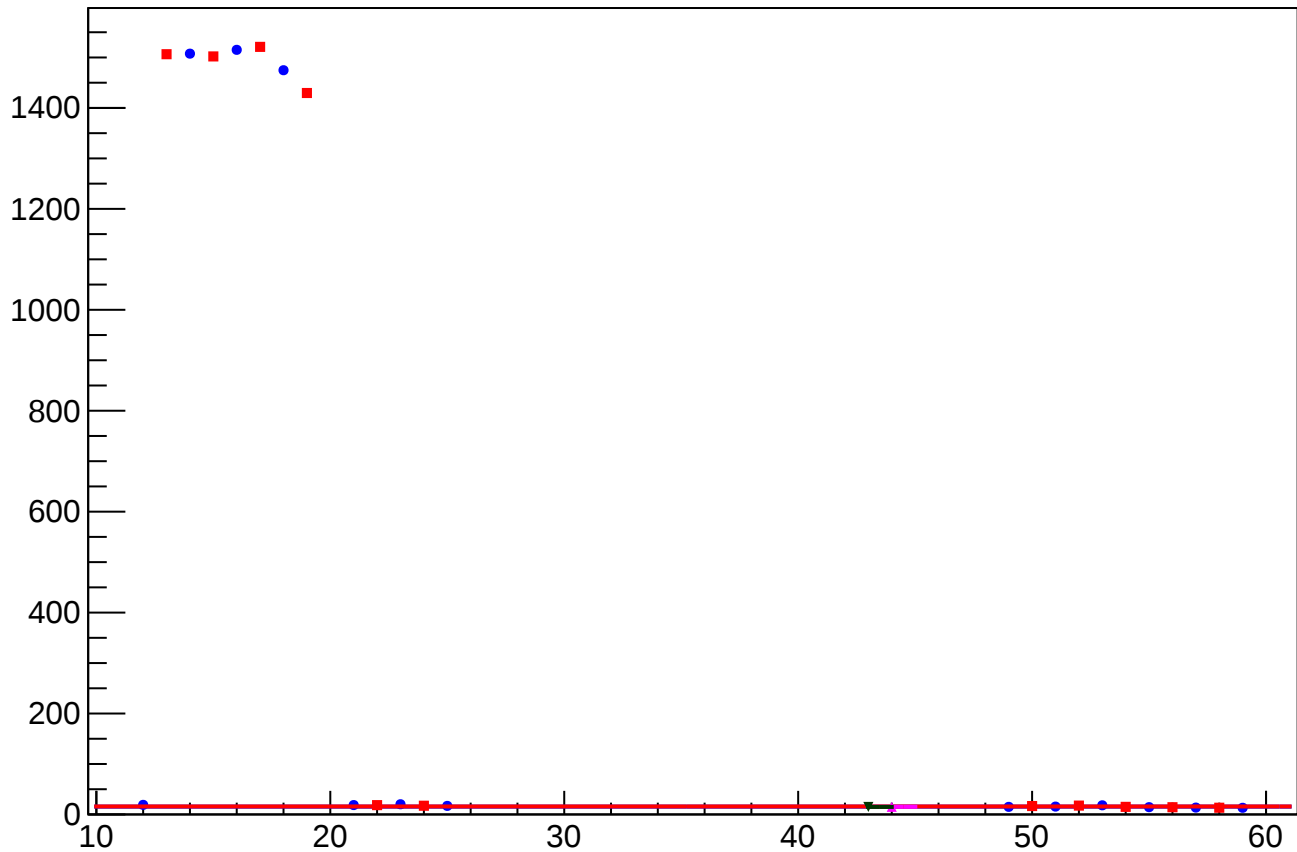
Left Out: -44.252+/-22.047 χ^2 /NDF:0.0/0

Right Out: -0.699+/-8.203 χ^2 /NDF: 3.9/10

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

-3.874+/-4.934 χ^2 /NDF: 17.5/25

bcm_an_us_ds_dd _rms vs slug



Right In: 15.520+/-0.005 χ^2/NDF : 4337775.3/12

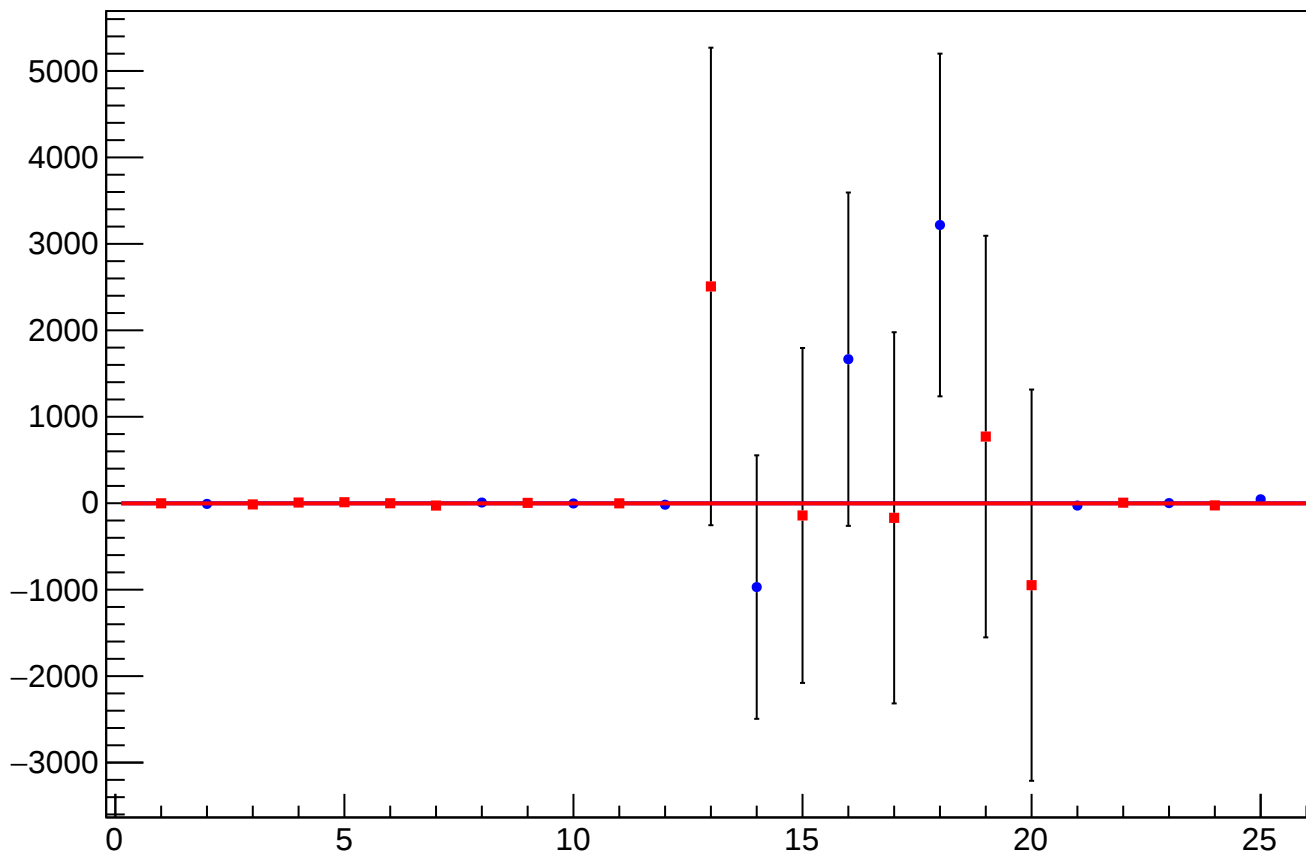
Left Out: 14.889+/-0.016 χ^2/NDF : 0.0/0

Right Out: 15.843+/-0.006 χ^2/NDF : 3509978.8/10

Left In: 15.152+/-0.015 χ^2/NDF : 0.0/0

15.586+/-0.003 χ^2/NDF : 7852710.1/25

bcm_an_us_ds3_dd_mean vs slug



Right In: -0.708+/-5.405 χ^2 /NDF: 8.6/9

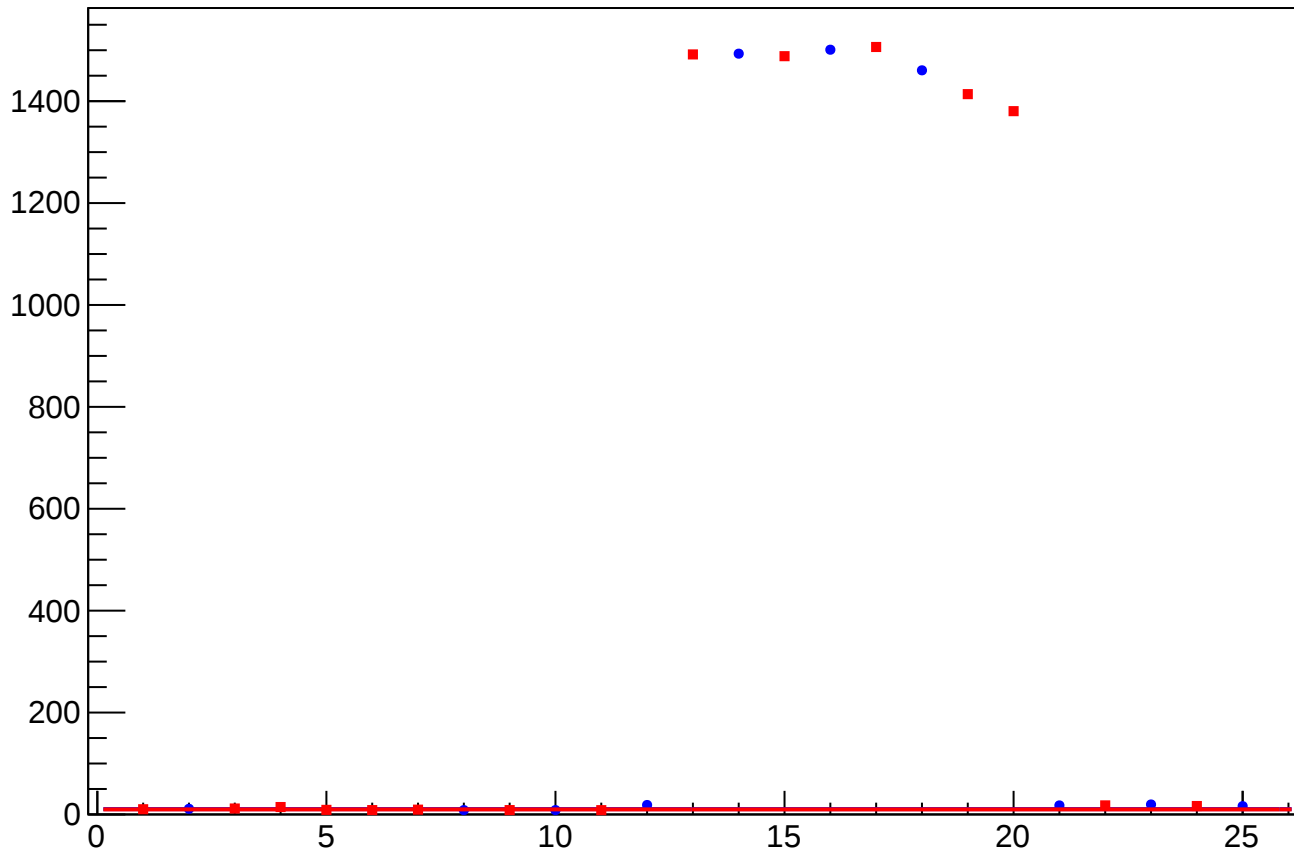
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2.112+/-4.660 χ^2 /NDF: 5.3/14

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

-1.513+/-3.530 χ^2 /NDF: 14.0/24

bcm_an_us_ds3_dd_rms vs slug



Right In: 10.460+/-0.004 χ^2/NDF : 4924662.9/9

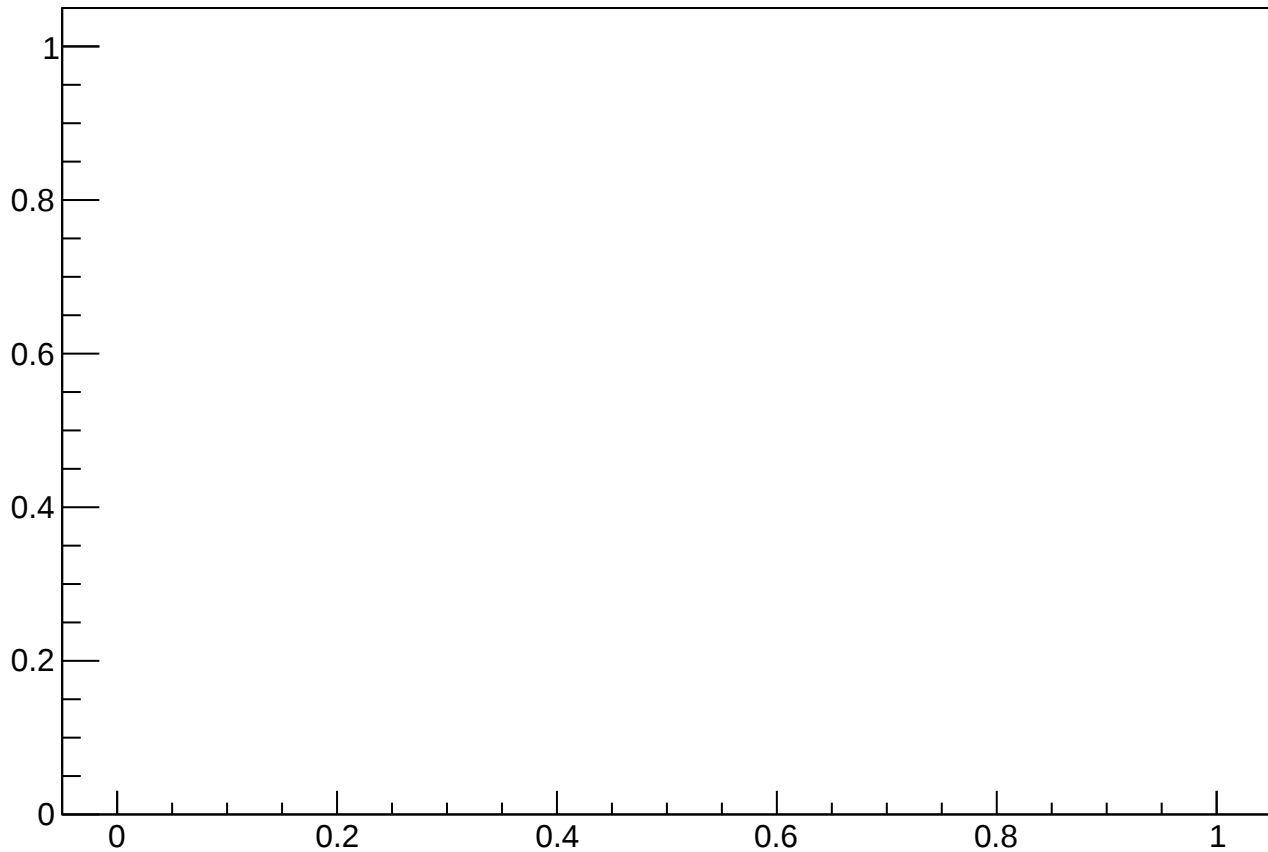
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.152+/-0.002 χ^2/NDF : 9722660.7/24

Right Out: 9.922+/-0.003 χ^2/NDF : 4786628.8/14

Left In: 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

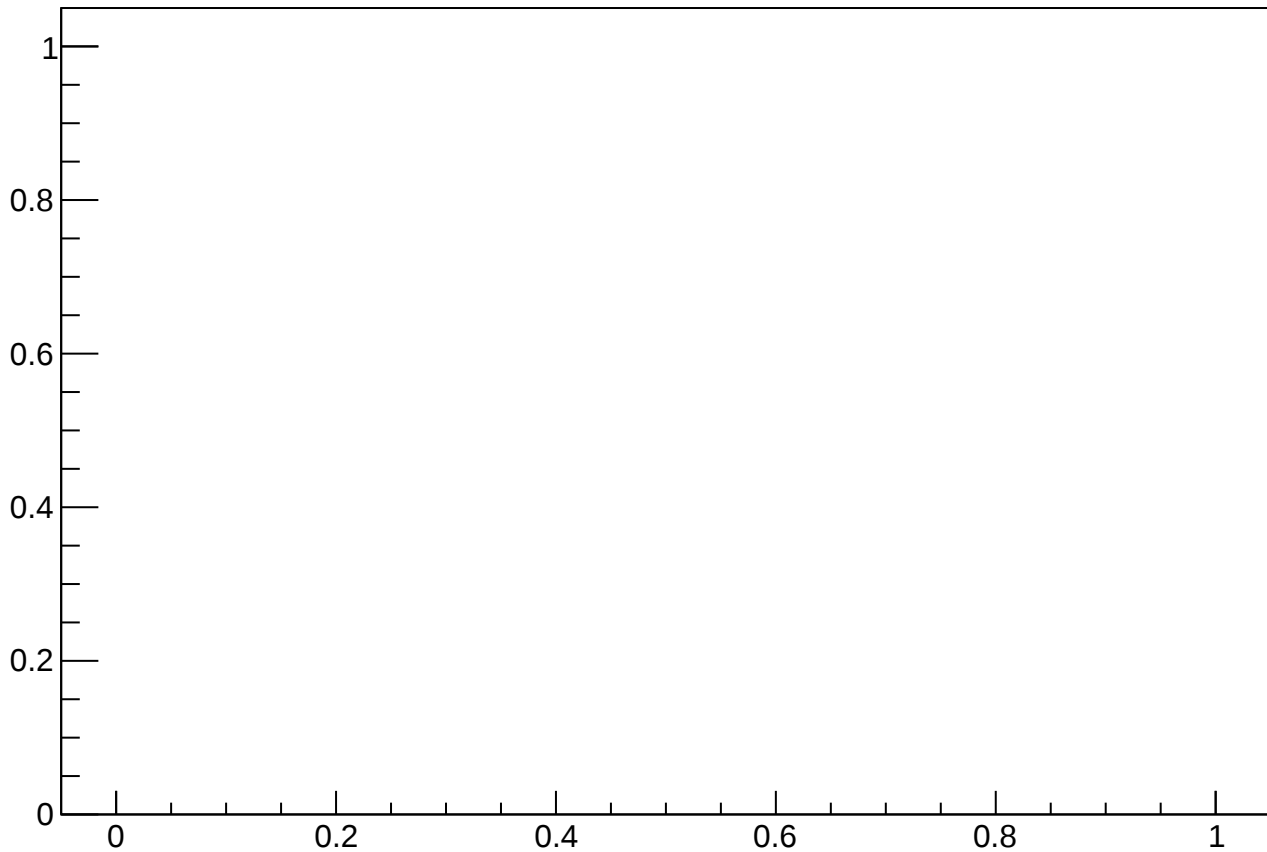
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_an_ds_ds3_dd_rms vs slug



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

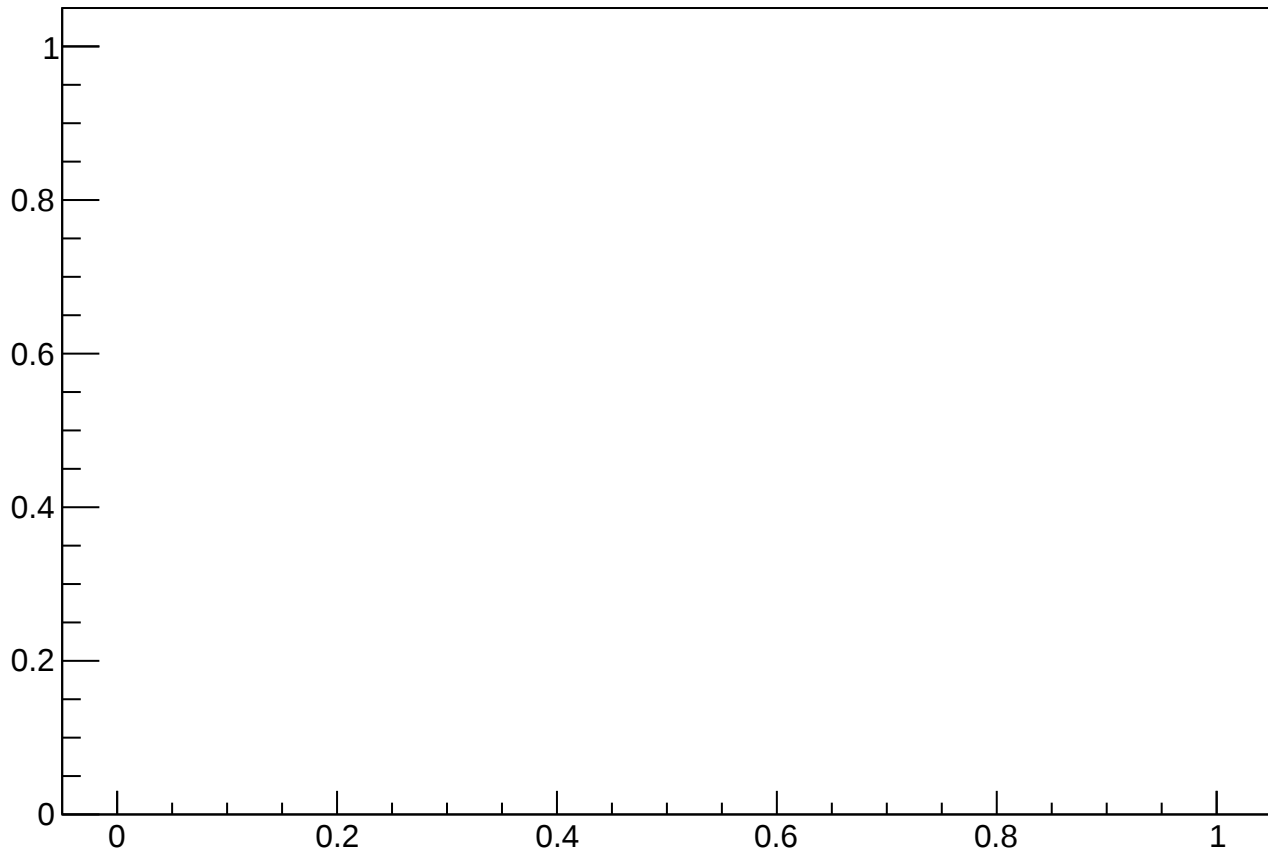
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

bcm_dg_us_ds_avg_mean vs slug



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

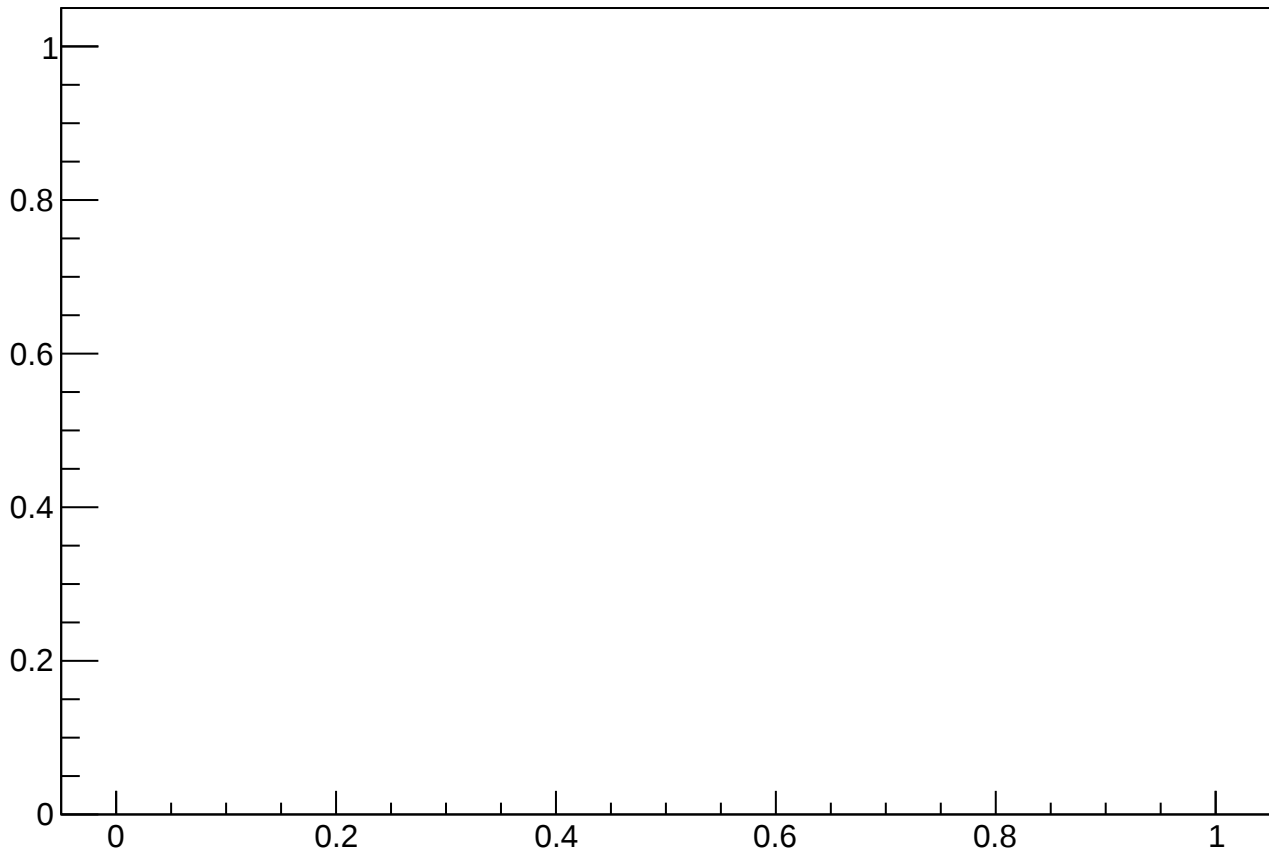
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_avg_rms vs slug



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

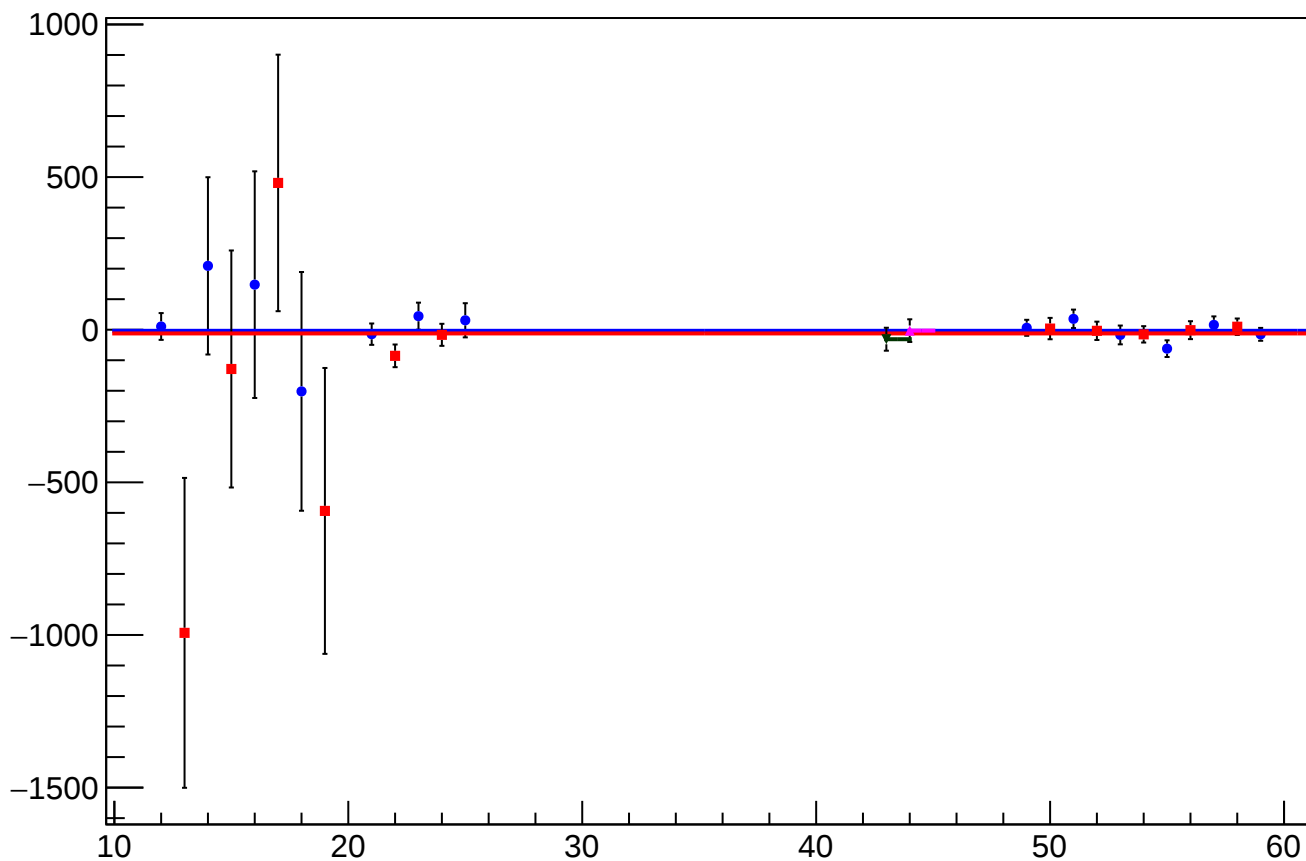
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

bcm_dg_us_ds_dd_mean vs slug



Right In: -3.602+/-9.680 χ^2 /NDF: 10.1/12

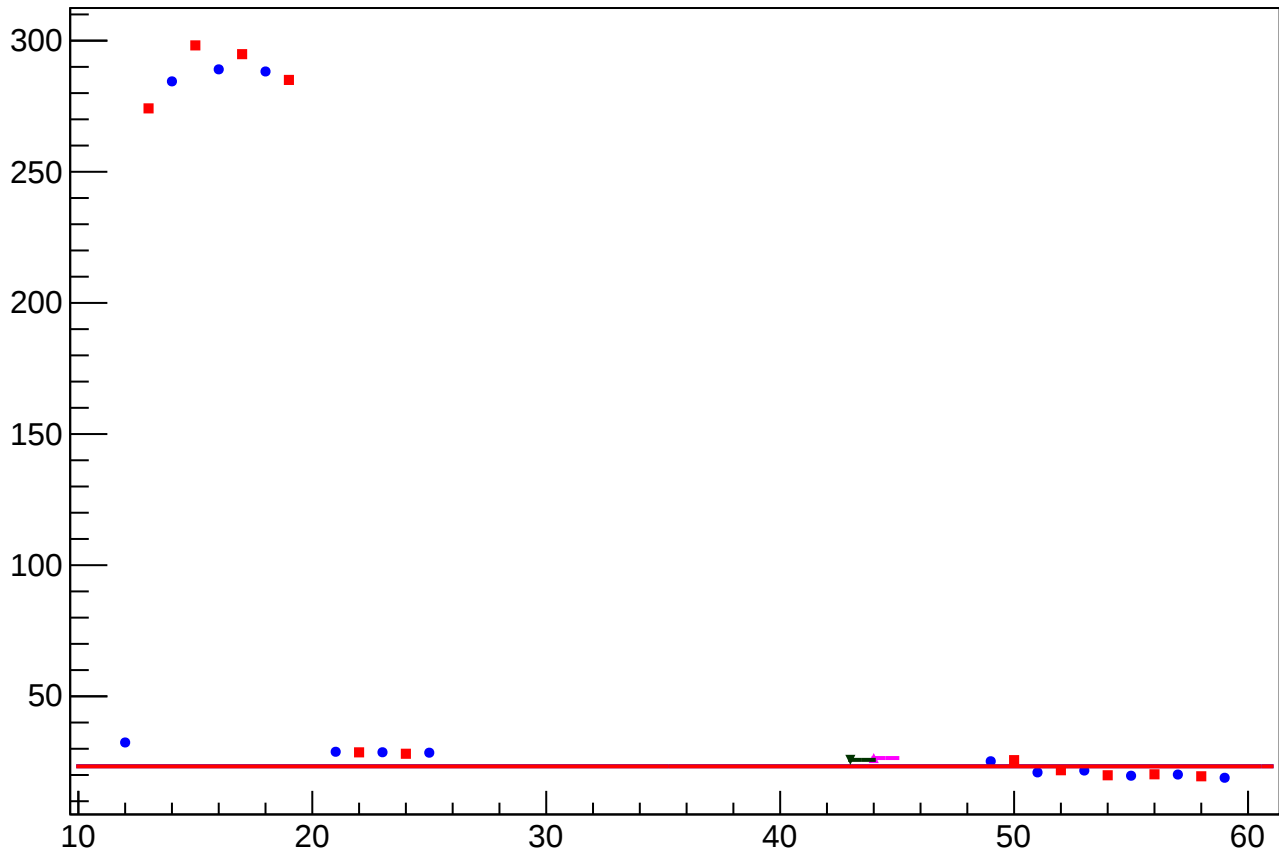
Left Out: -31.130+/-37.603 χ^2 /NDF:0.0/0

Right Out: -12.198+/-11.650 χ^2 /NDF: 11.8/10

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

-7.830+/-7.166 χ^2 /NDF: 22.6/25

bcm_dg_us_ds_dd _rms vs slug



Right In: 23.341+/-0.007 χ^2/NDF : 3916843.5/12

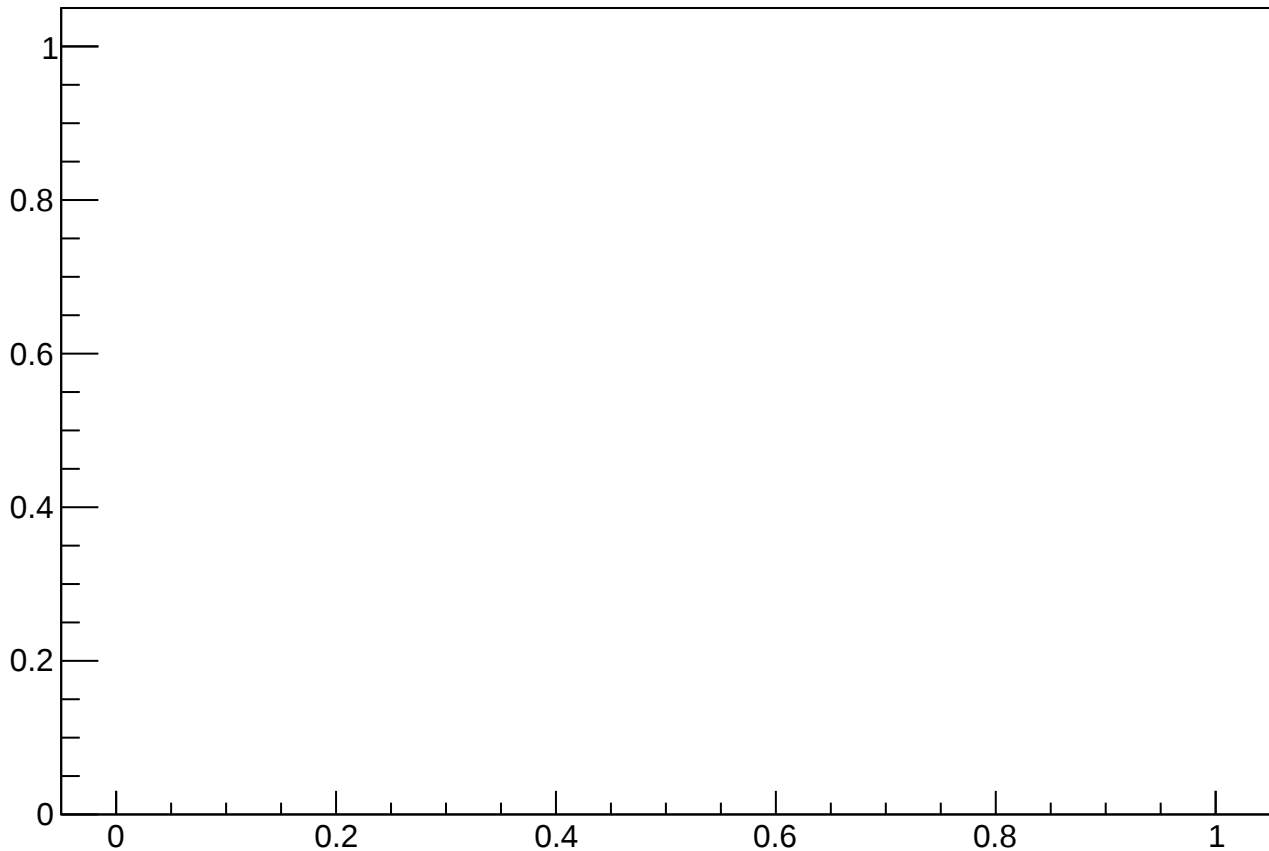
Left Out: 25.766+/-0.027 χ^2/NDF : 0.0/0

Right Out: 23.282+/-0.008 χ^2/NDF : 3135491.8/10

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

23.523+/-0.005 χ^2/NDF : 7073577.7/25

bcm_dg_us_ds3_dd_mean vs slug



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

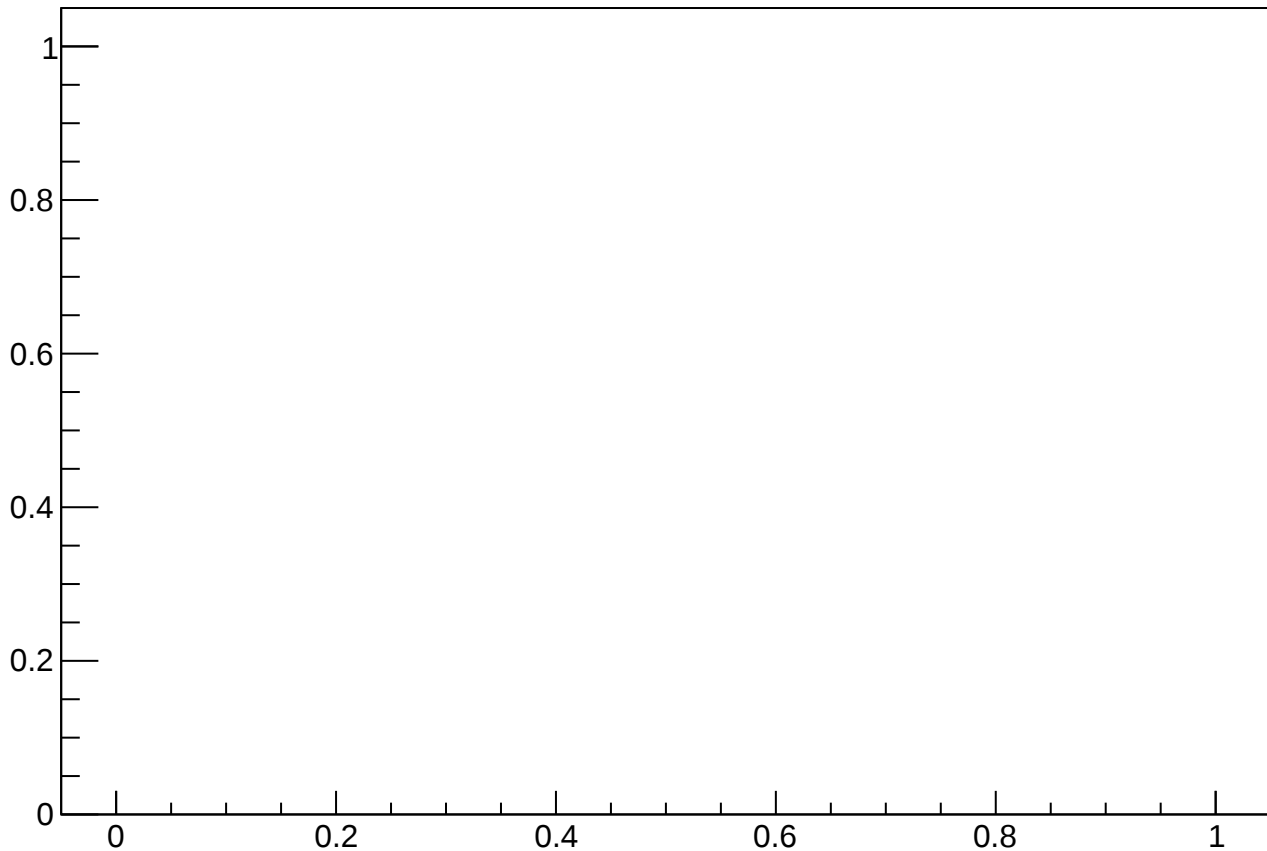
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds3_dd_rms vs slug



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

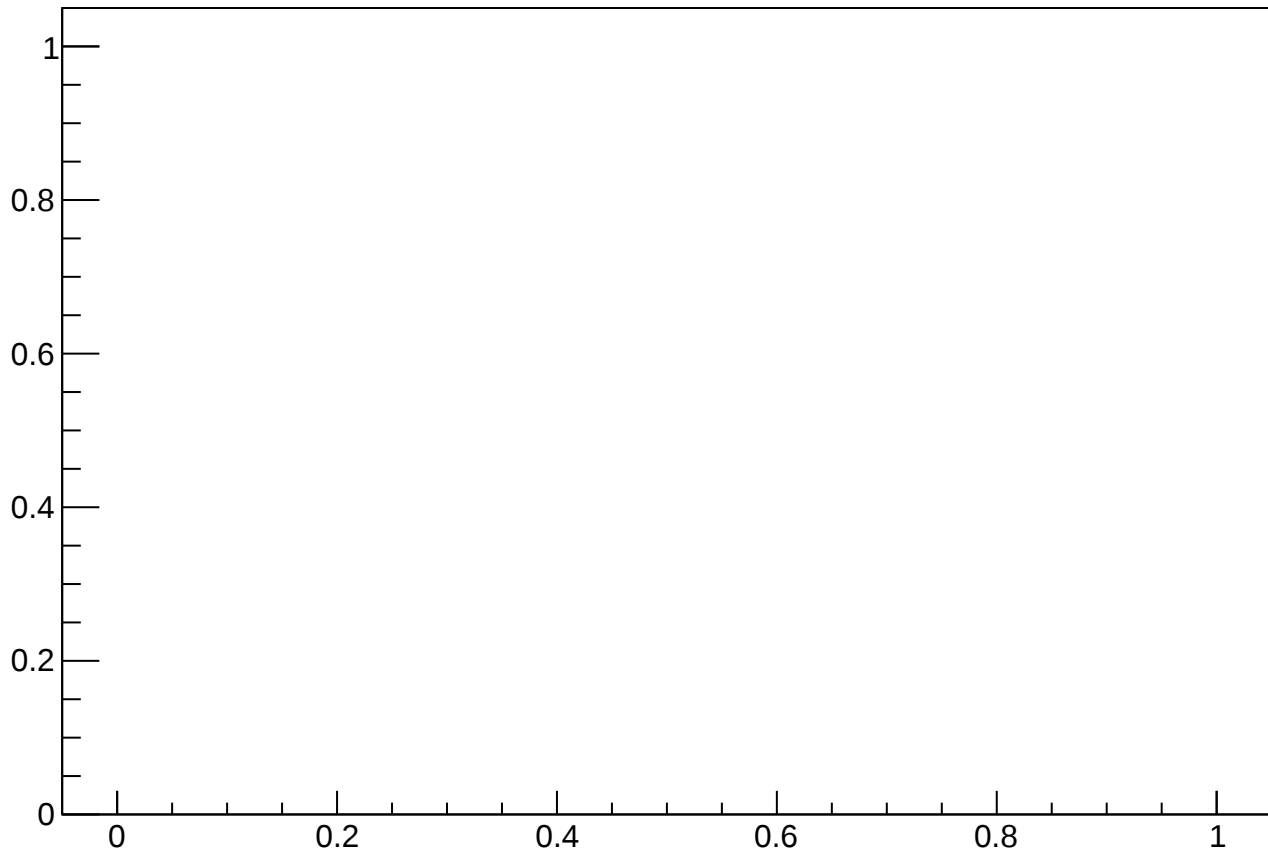
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_avg_mean vs slug



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

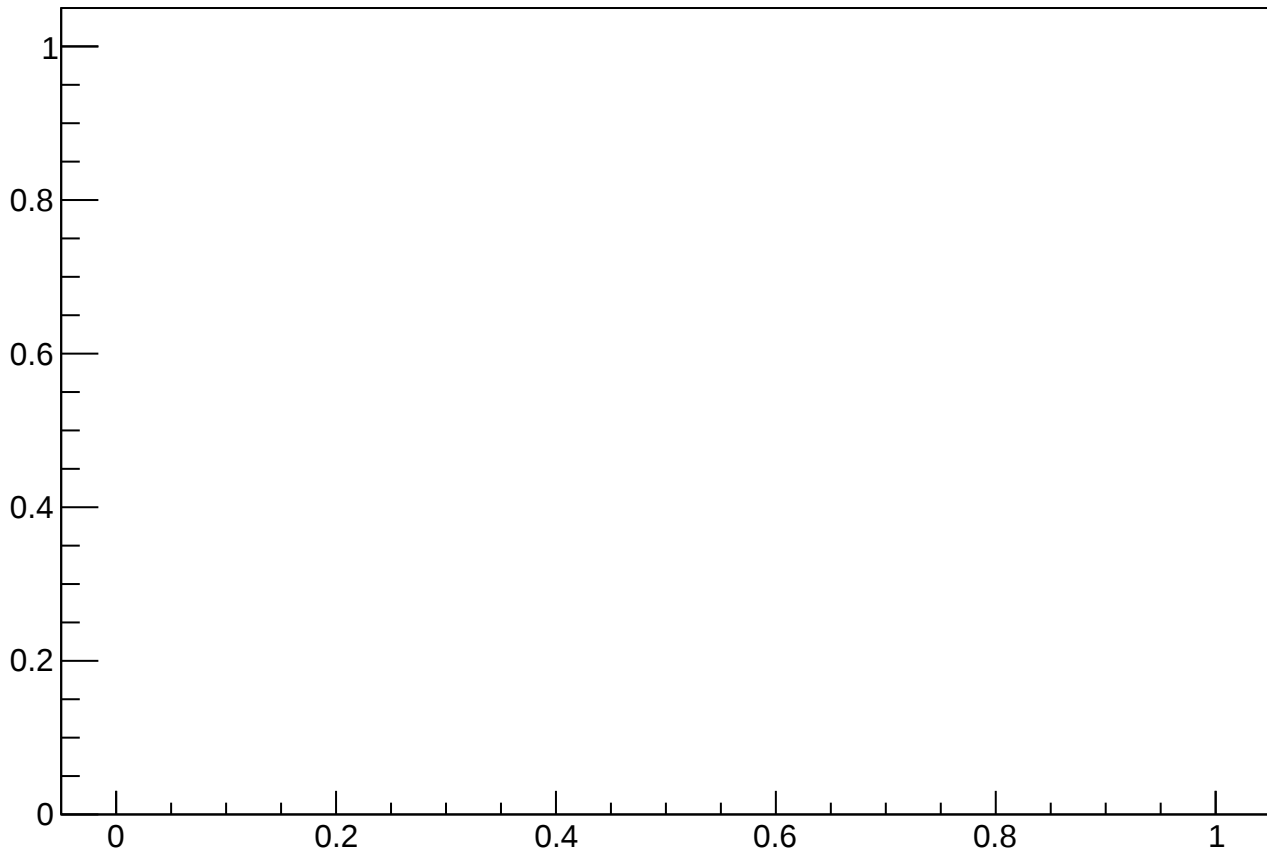
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_avg_rms vs slug



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

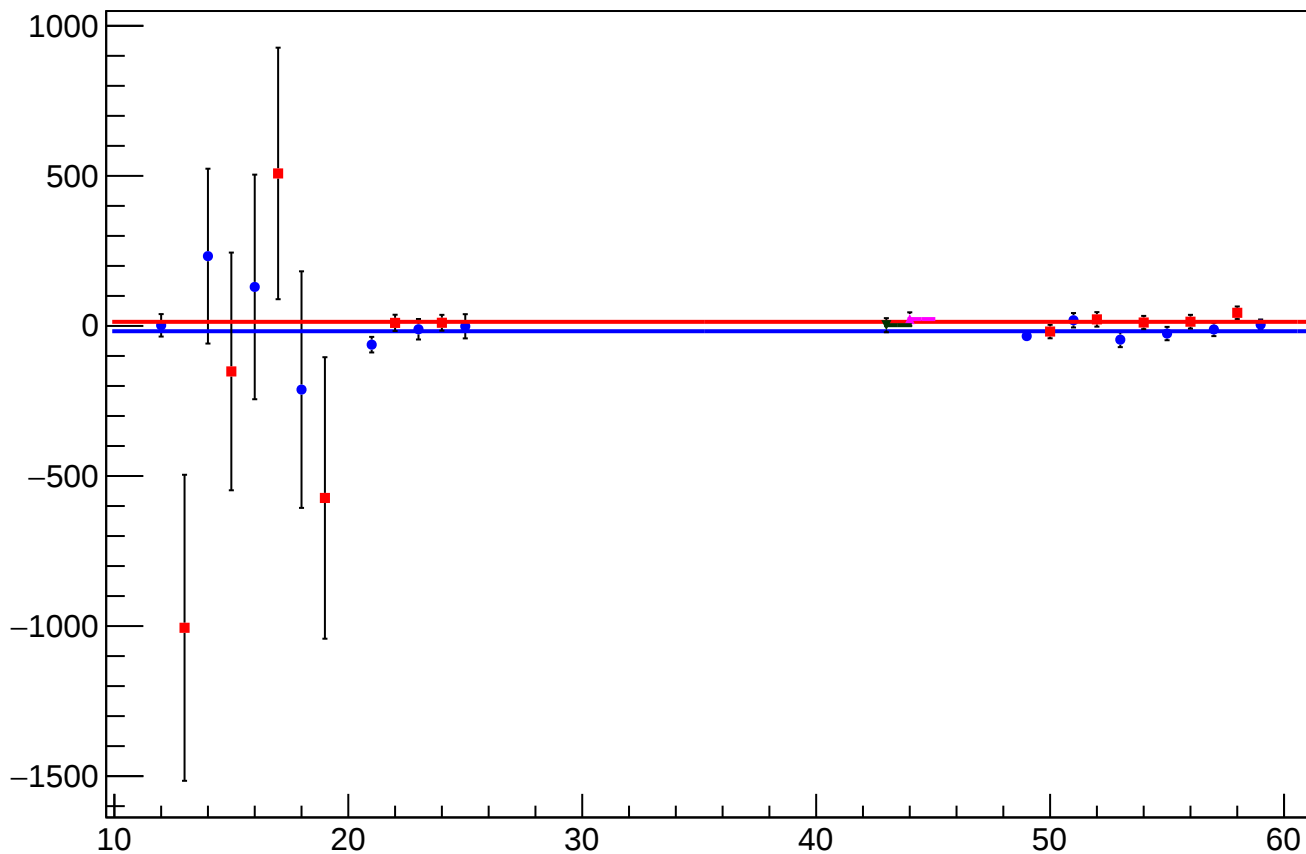
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -17.595+/-7.429 χ^2/NDF : 11.0/12

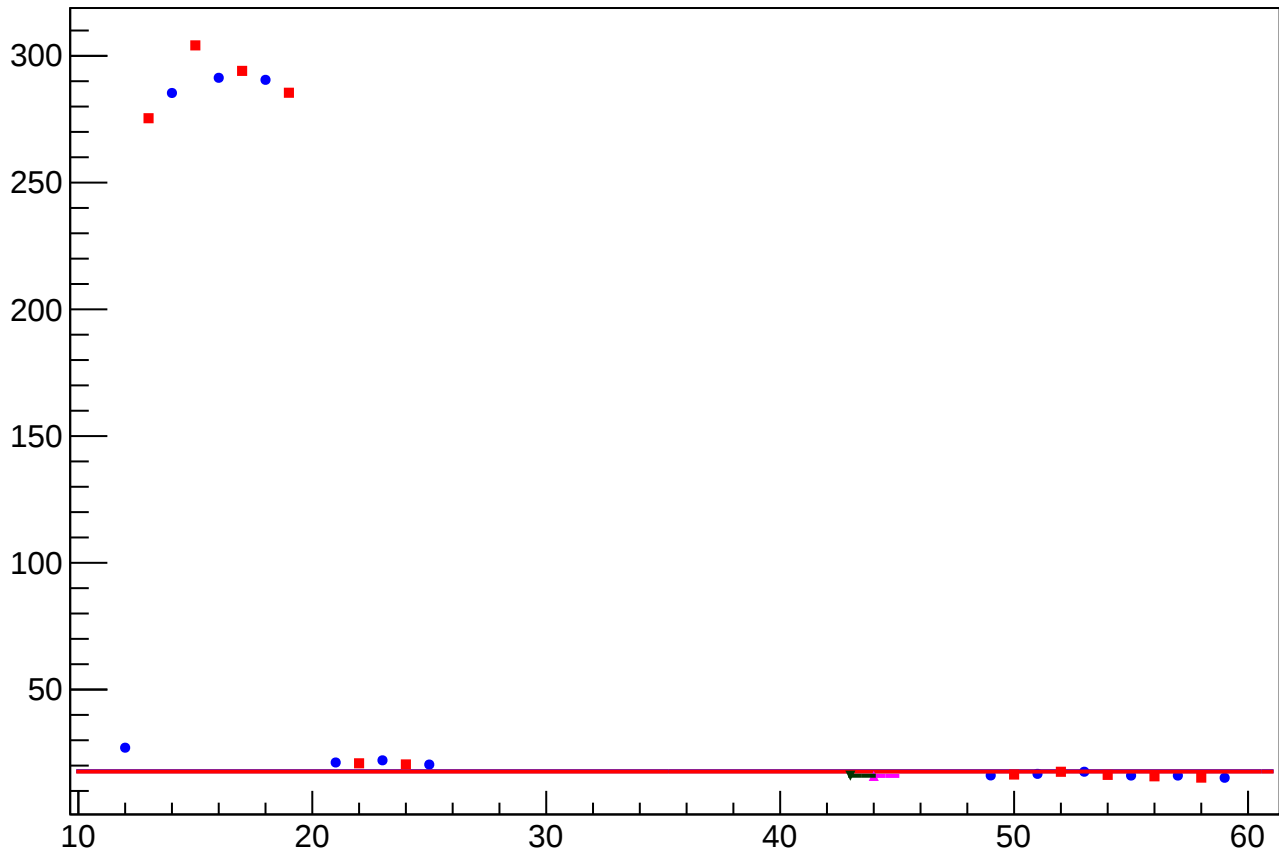
Left Out: 2.521+/-23.436 χ^2/NDF : 0.0/0

Right Out: 13.700+/-8.866 χ^2/NDF : 11.4/10

Left In: 22.872+/-22.514 χ^2/NDF : 0.0/0

-2.736+/-5.374 χ^2/NDF : 31.2/25

bcm_dg_ds_ds_dd _rms vs slug



Right In: 17.778+/-0.005 χ^2/NDF : 4007051.1/12

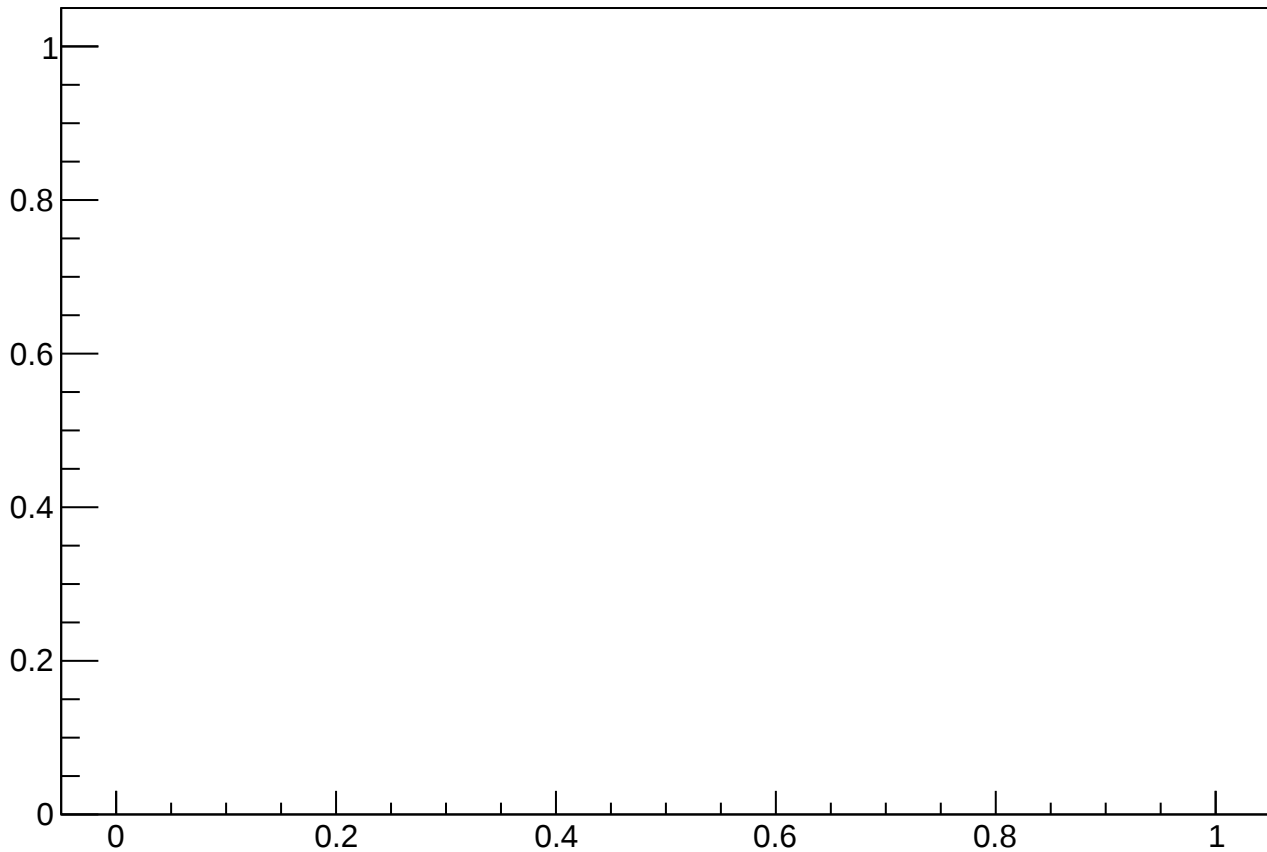
Left Out: 16.003+/-0.017 χ^2/NDF : 0.0/0

Right Out: 17.645+/-0.006 χ^2/NDF : 3183254.5/10

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

17.530+/-0.004 χ^2/NDF : 7211444.8/25

bcm_dg_ds_ds3_avg_mean vs slug



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

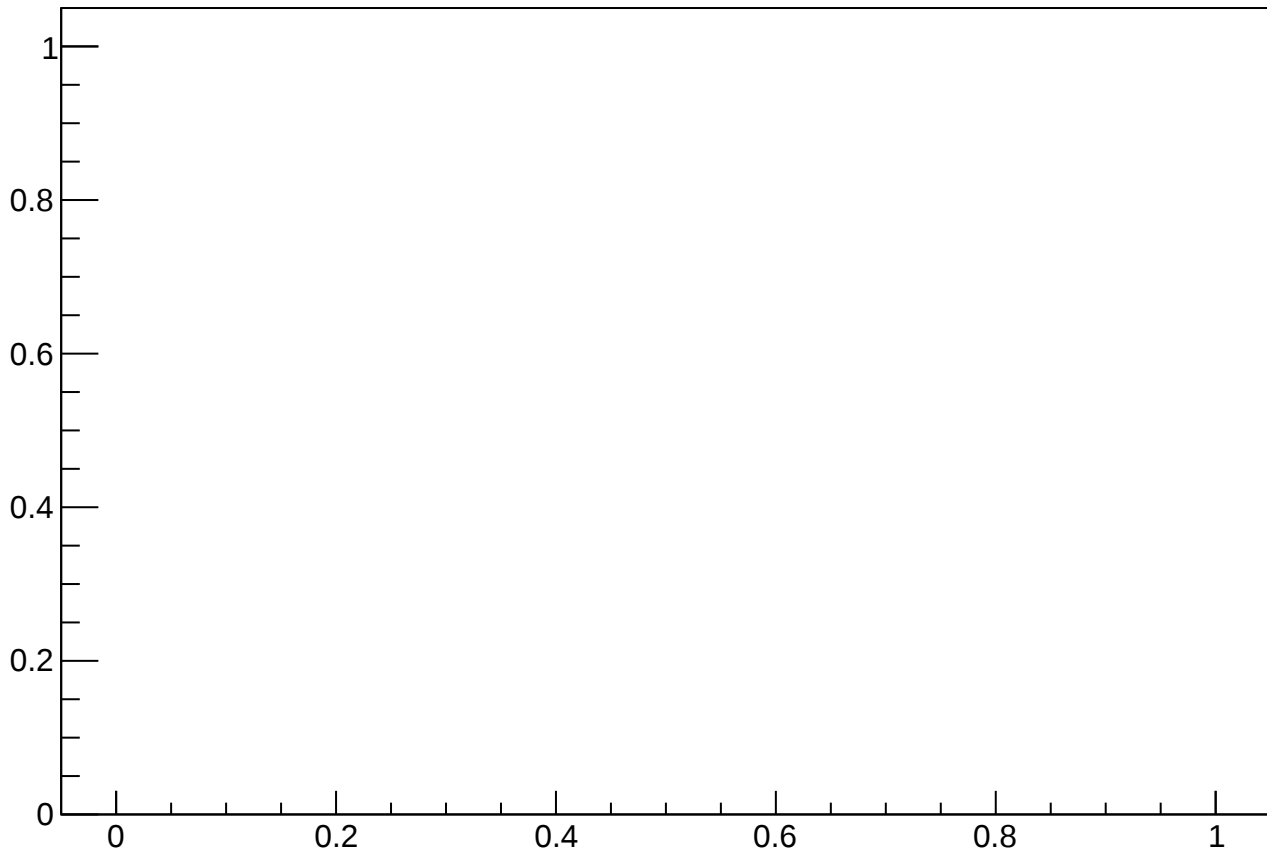
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_avg_rms vs slug



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

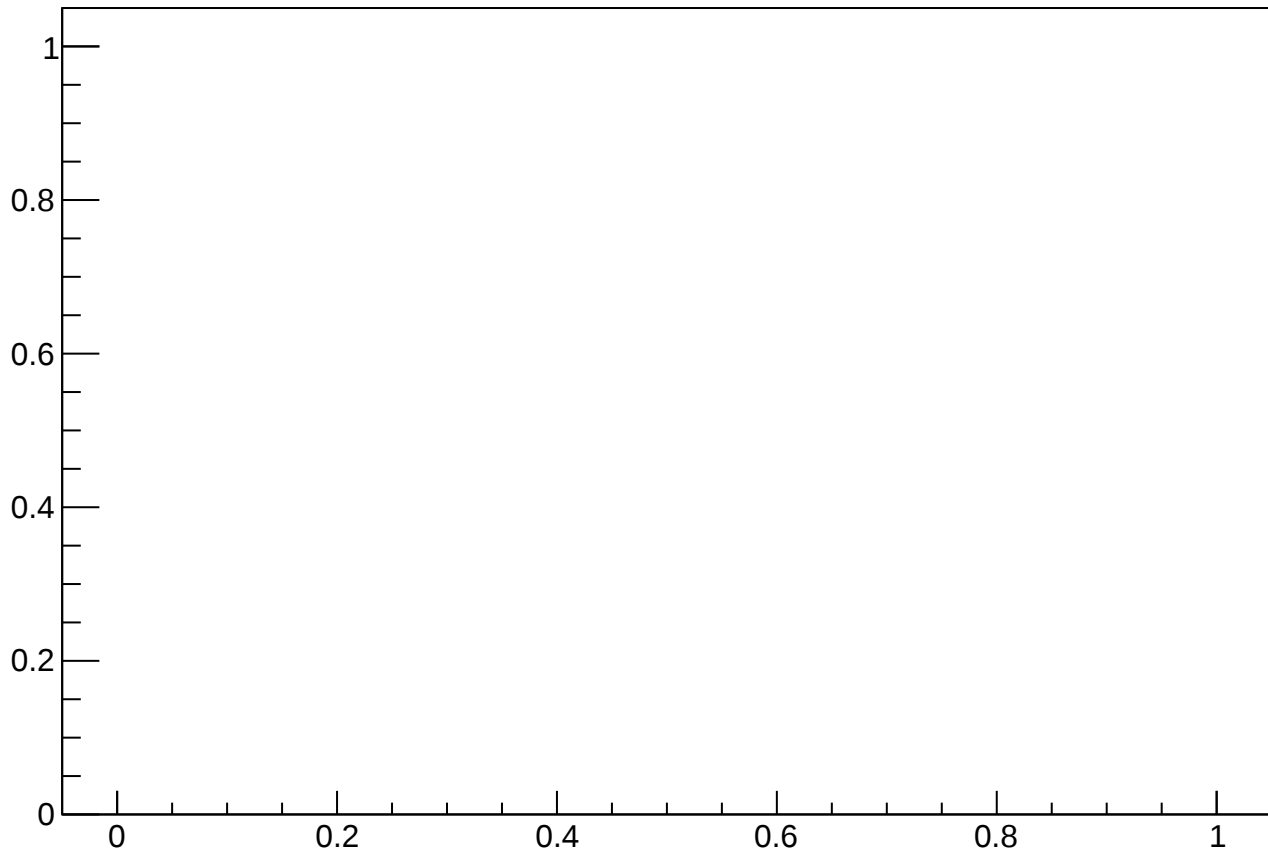
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds3_dd _mean vs slug



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

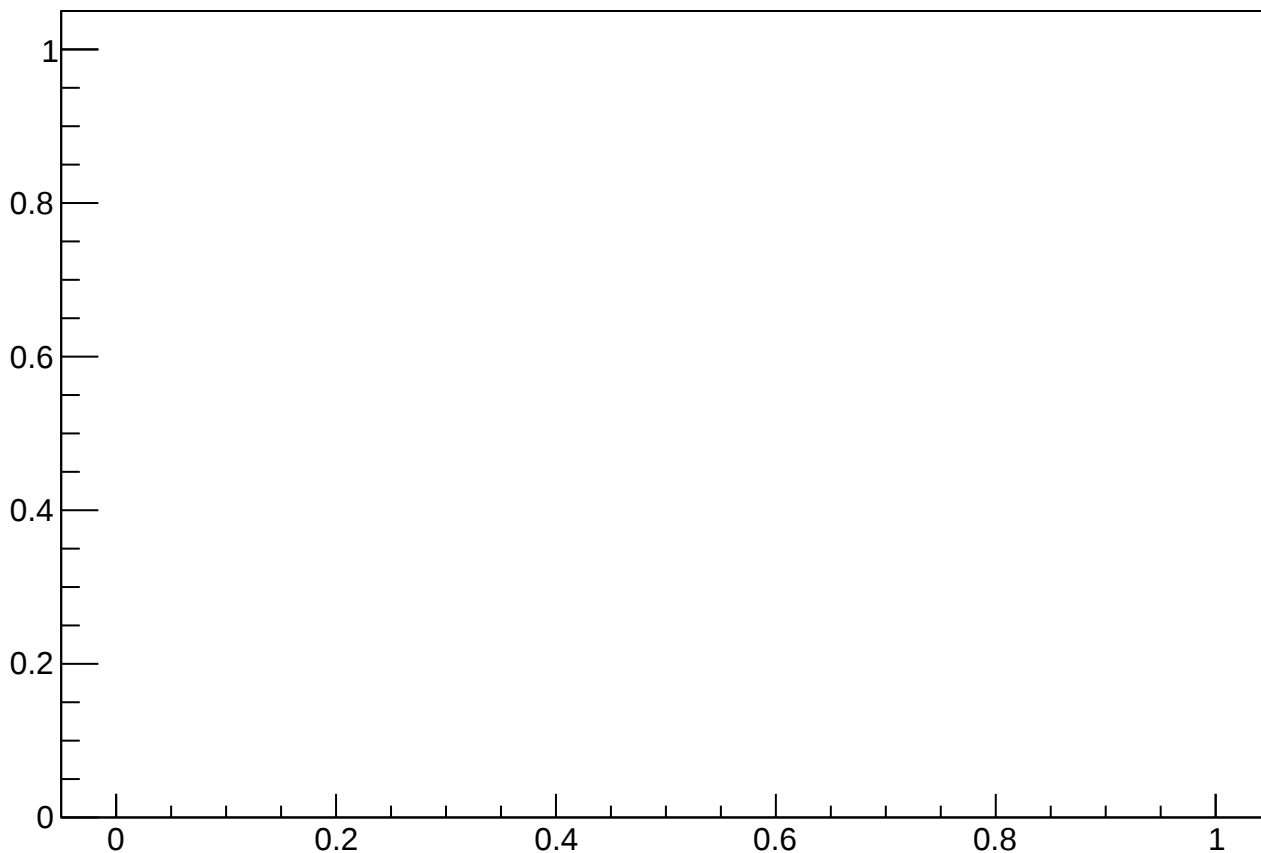
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

bcm_dg_ds_ds3_dd _rms vs slug



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

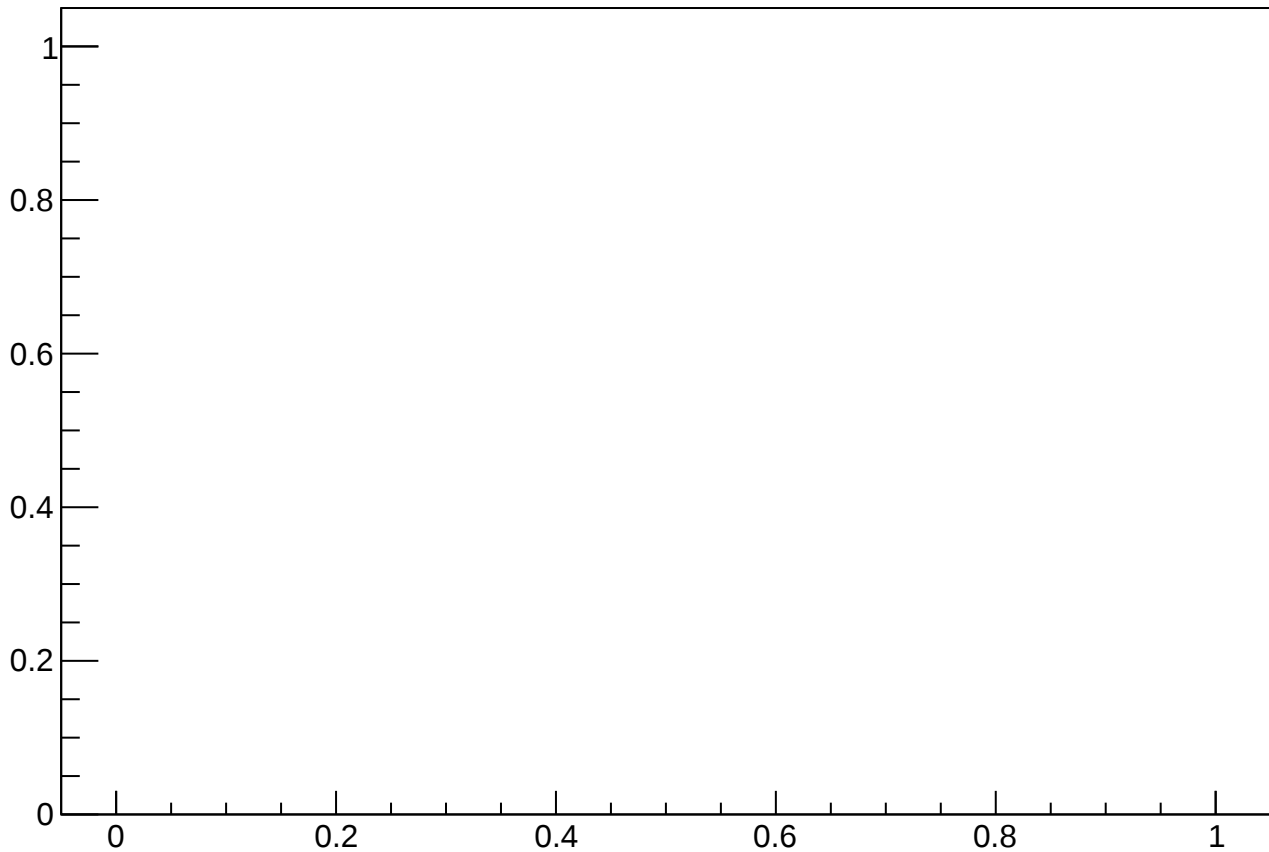
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_cav4cQ_ds_avg_mean vs slug



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

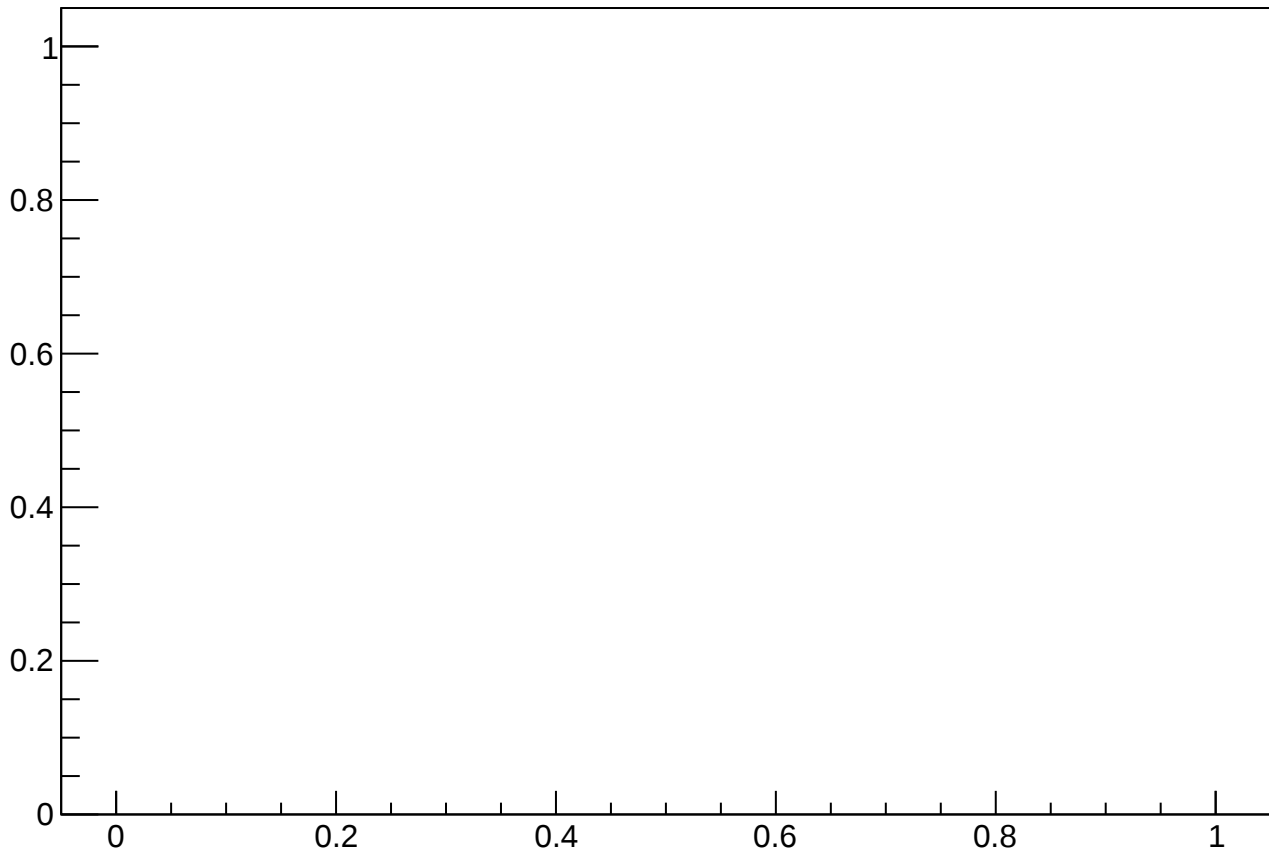
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_cav4cQ_ds_avg_rms vs slug



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

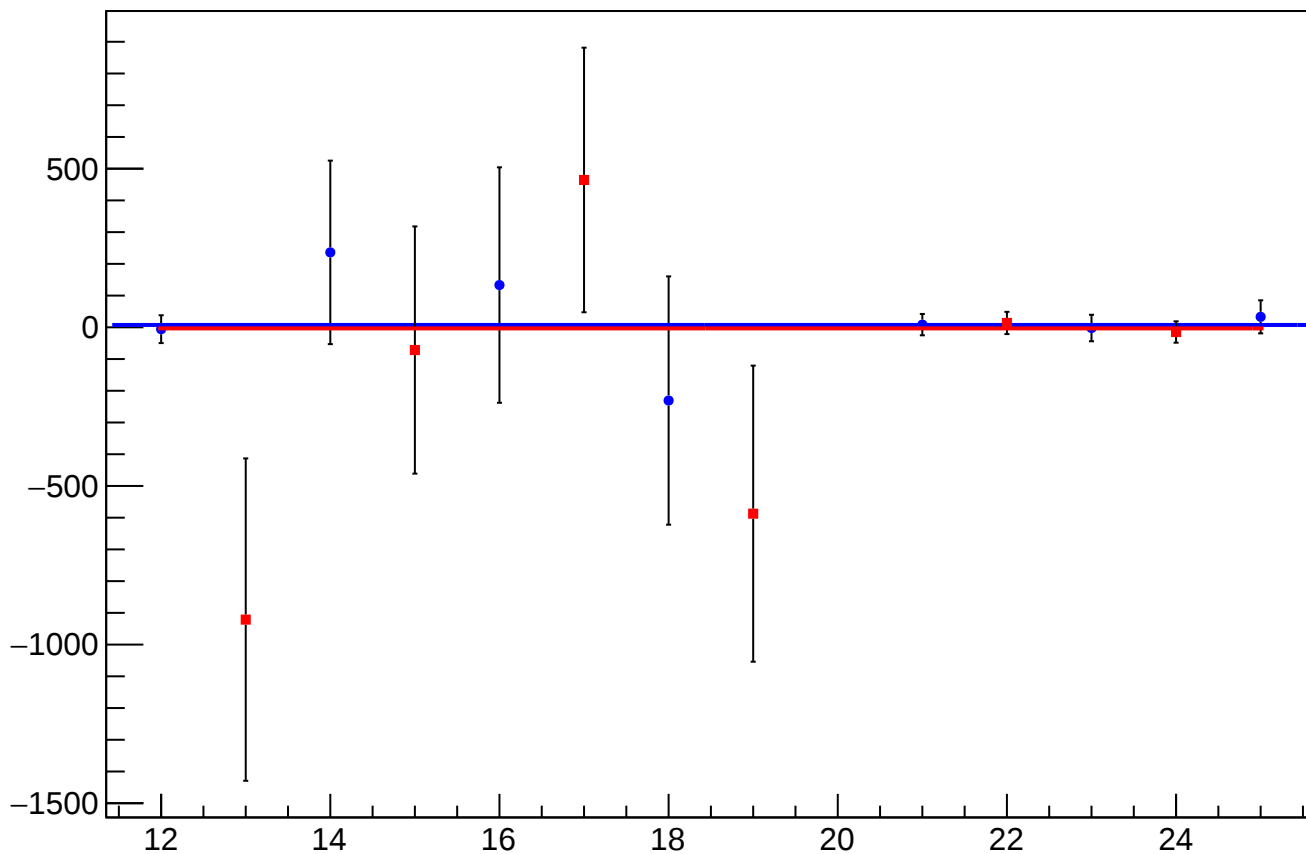
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

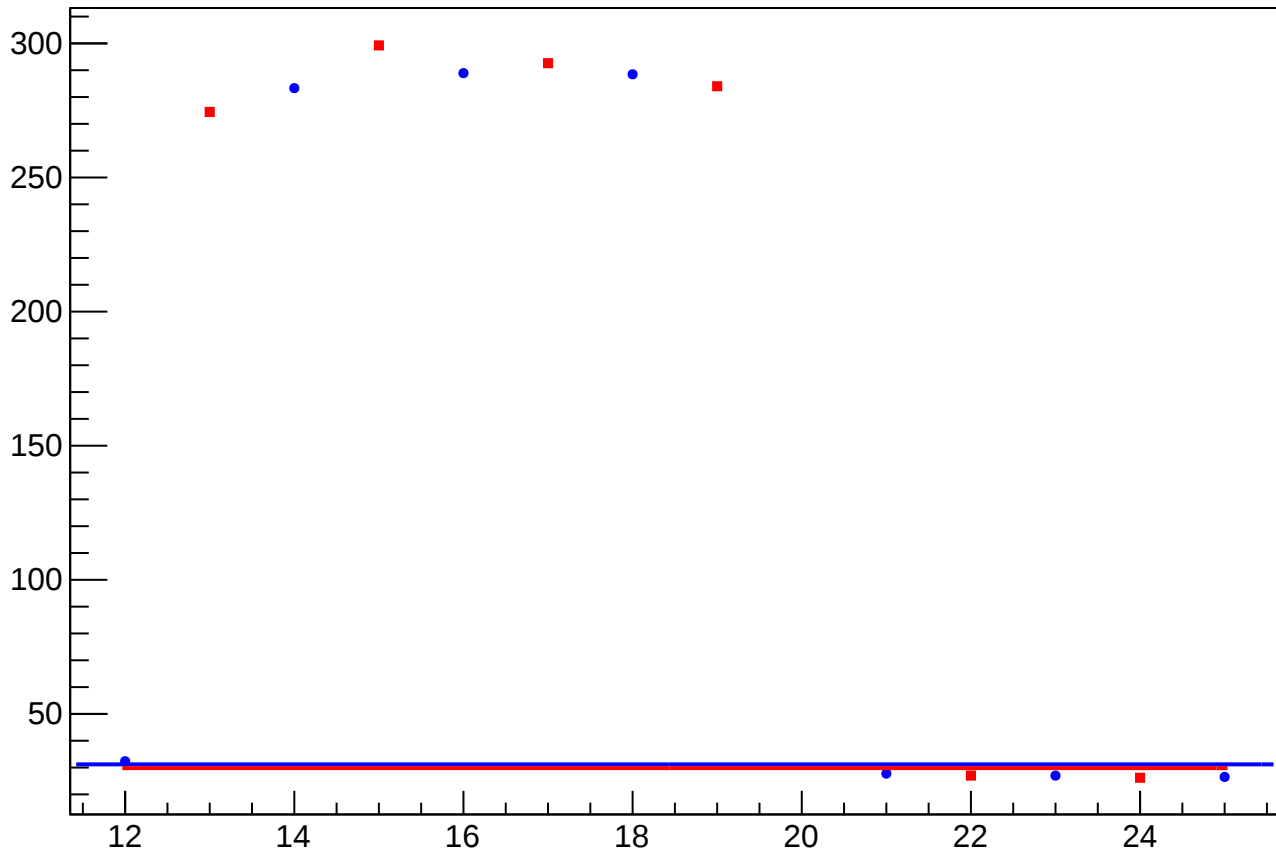
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd _rms vs slug



Right In: 31.193+/-0.015 χ^2/NDF : 3408382.3/6

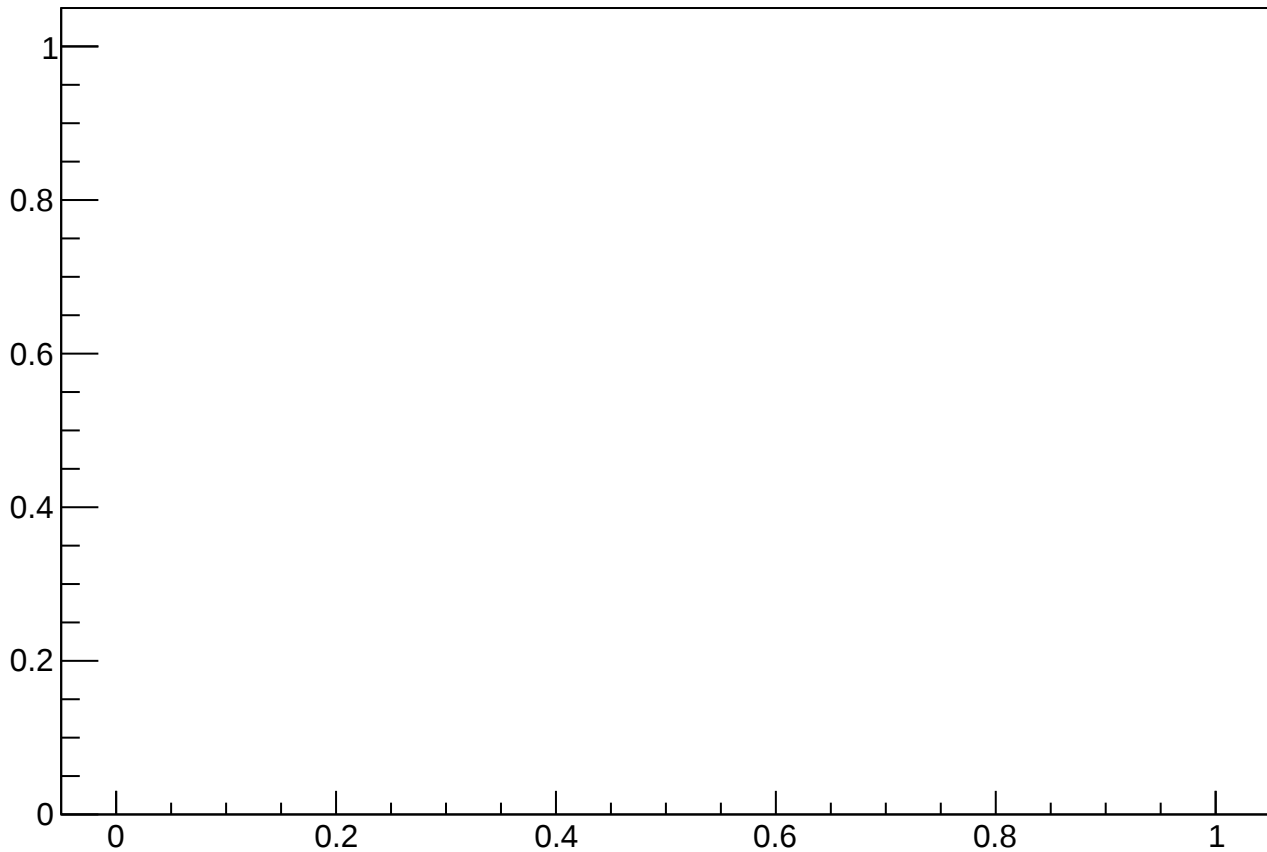
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.598+/-0.011 χ^2/NDF : 6256207.0/12

Right Out: 29.778+/-0.017 χ^2/NDF : 2843835.9/5

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

bcm_cav4cQ_ds3_dd_mean vs slug



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

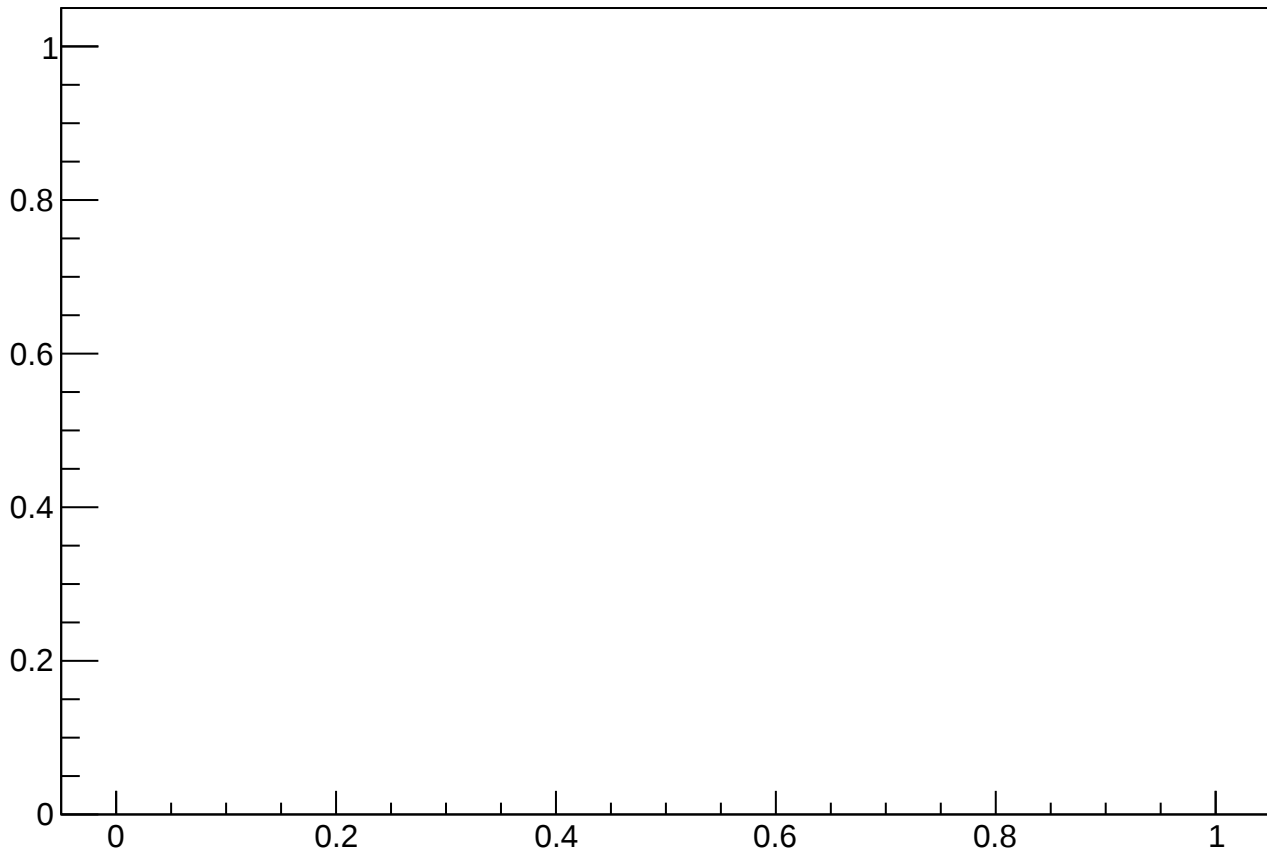
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

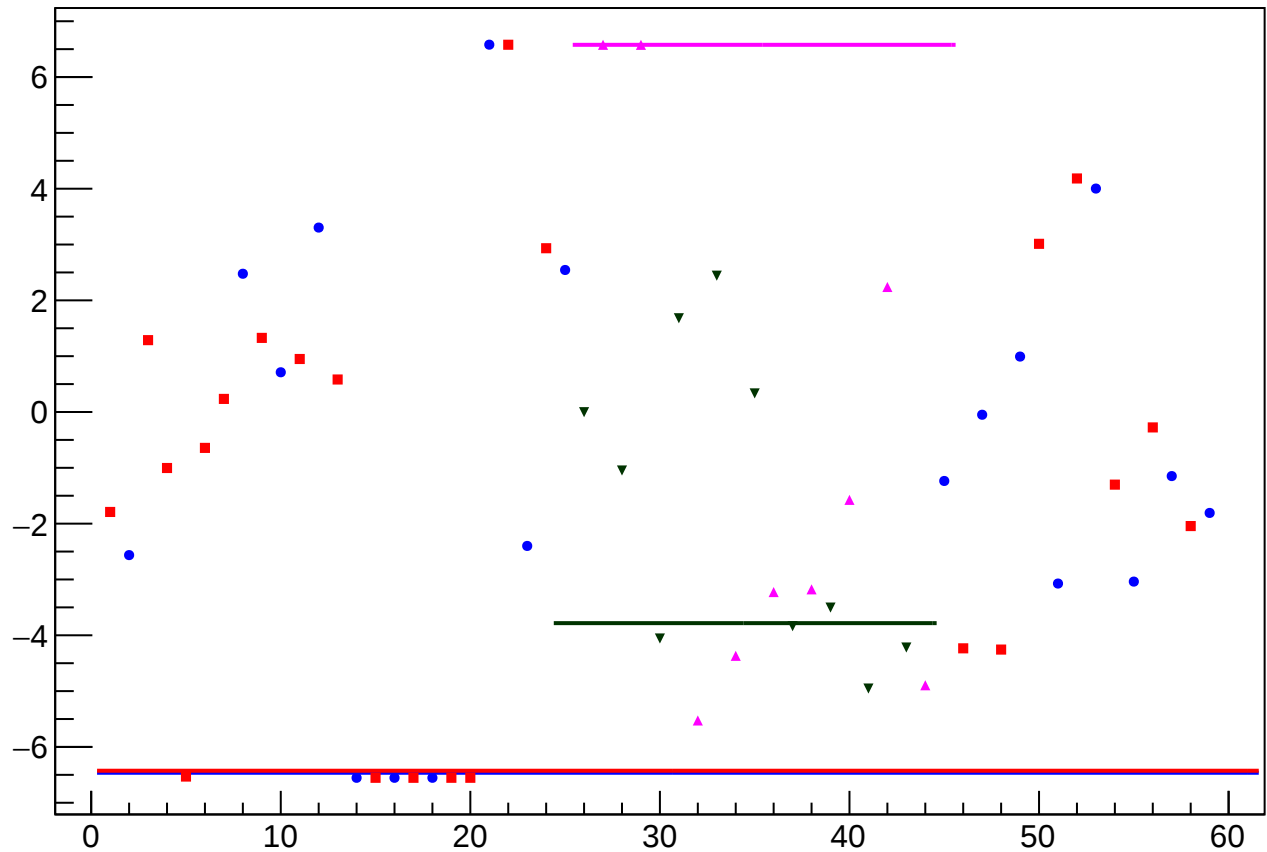
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs slug



Right In: -6.463+/-0.000 χ^2/NDF : 127750027990294.1/17

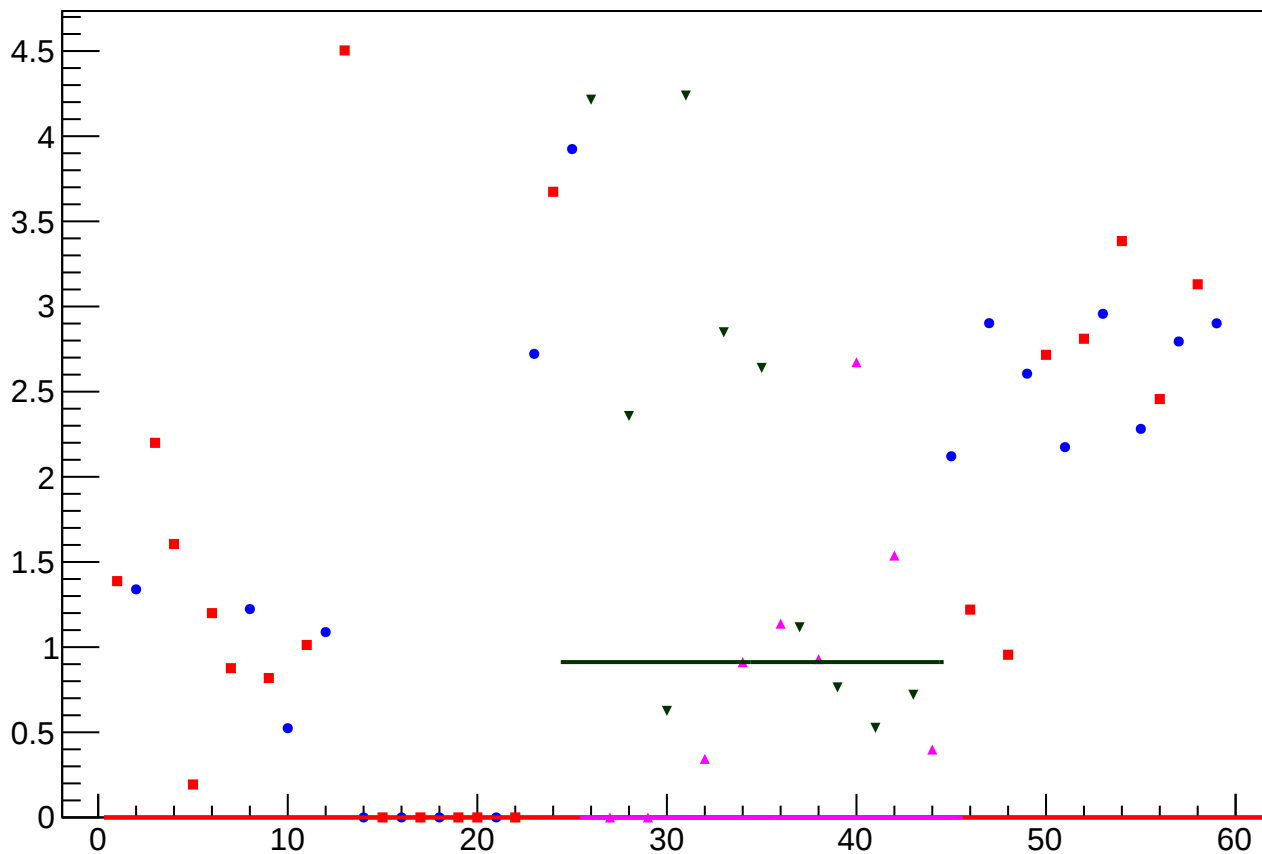
Left Out: -3.782+/-0.001 χ^2/NDF : 5650855.8/9

Right Out: -6.426+/-0.000 χ^2/NDF : 150783944020592.5/21

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

-6.389+/-0.000 χ^2/NDF : 425855792478402.1/5

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 12311135.2/17

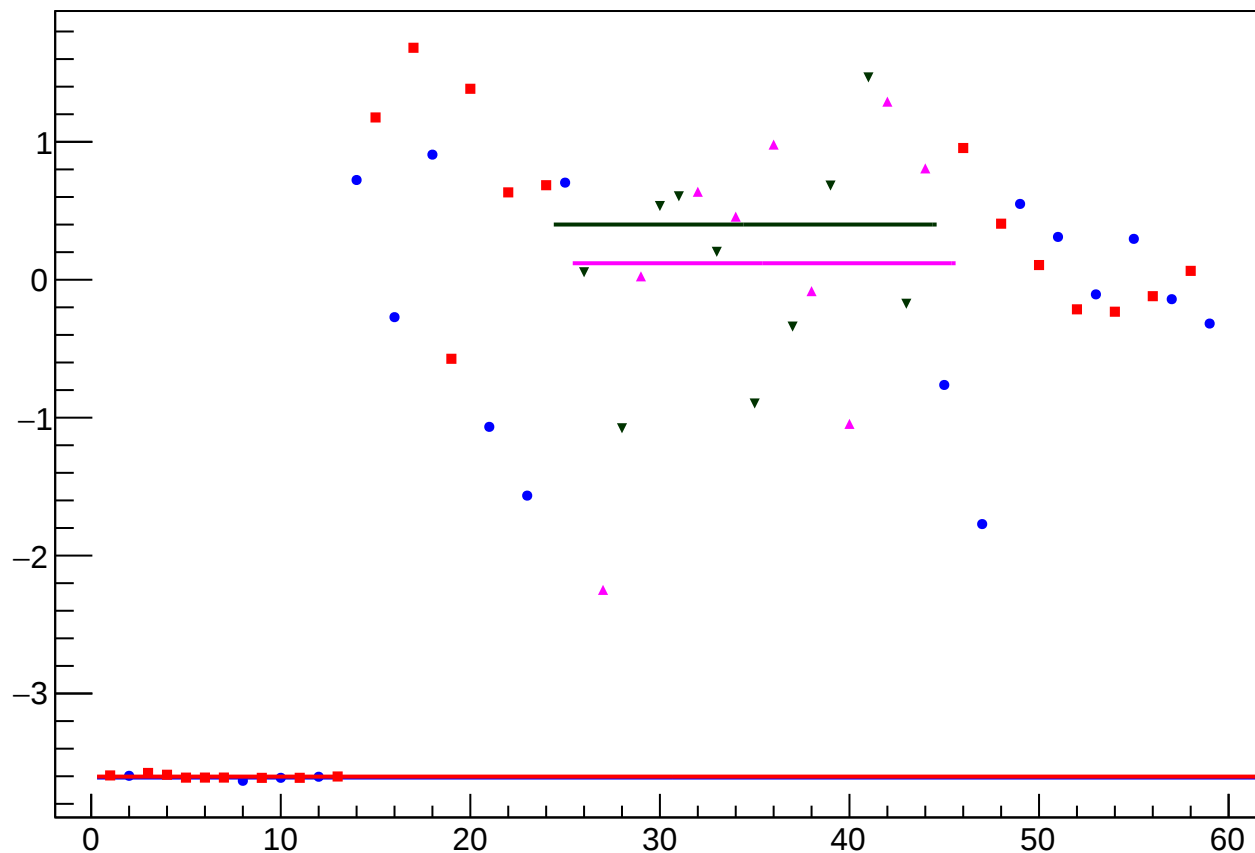
Left Out: 0.912+/-0.000 χ^2/NDF :2500224.2/9

Right Out: 0.000+/-0.000 χ^2/NDF : 11564045.7/21

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

0.000+/-0.000 χ^2/NDF : 35186886.2/58

yield_cav4bY_mean vs slug



Right In: -3.609+/-0.000 χ^2/NDF : 105088530314.1/17

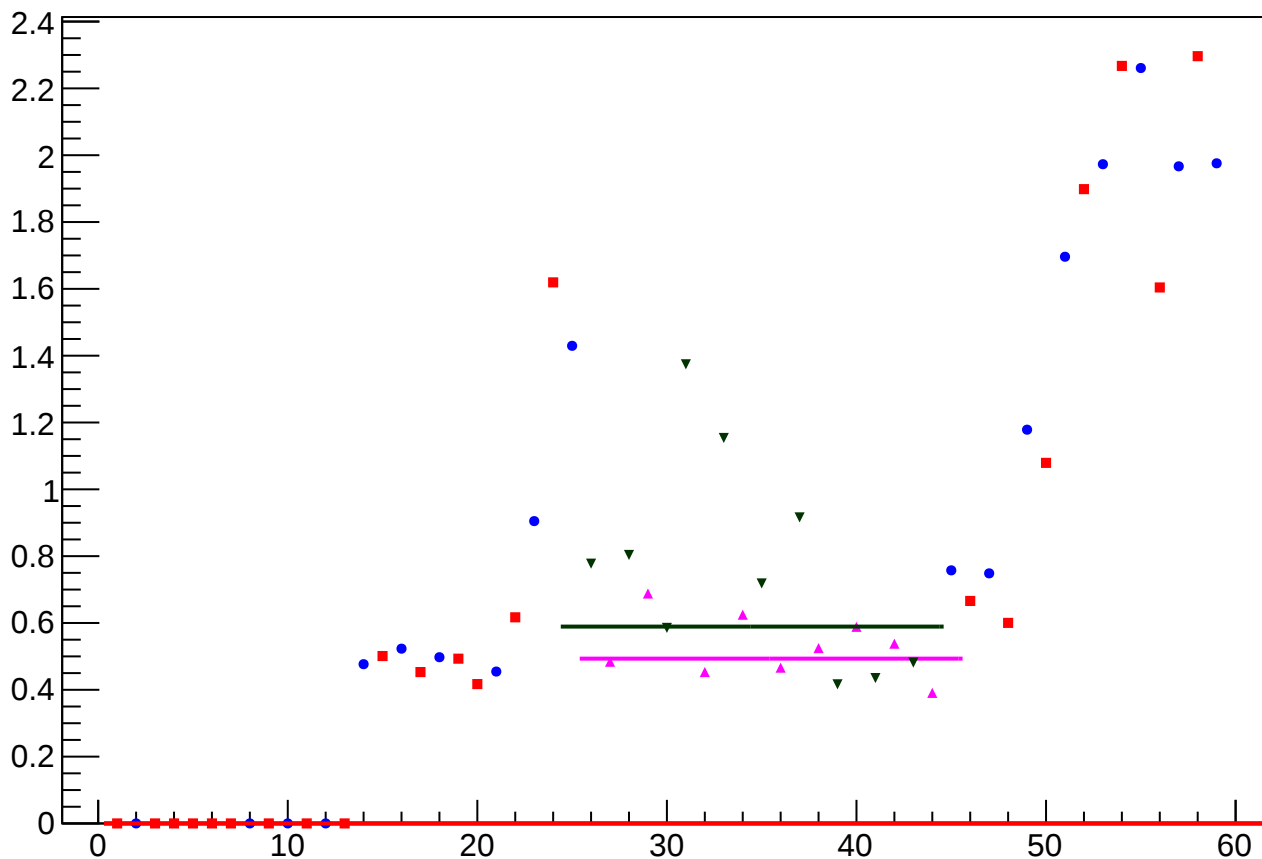
Left Out: 0.400+/-0.000 χ^2/NDF :6822365.2/9

Right Out: -3.602+/-0.000 χ^2/NDF : 114040559649.4/21

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

-3.605+/-0.000 χ^2/NDF : 236699235675.9/58

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 13259242.3/17

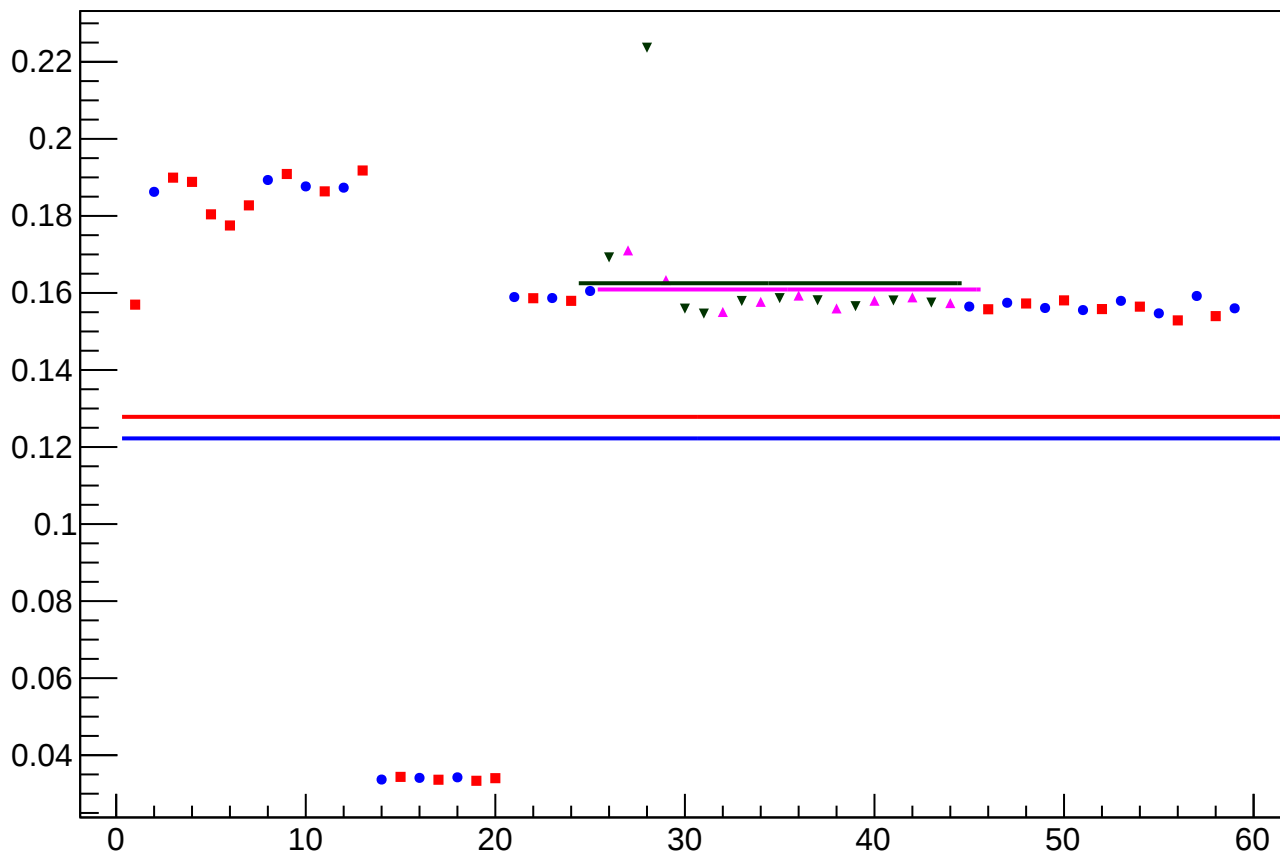
Left Out: 0.589+/-0.000 χ^2 /NDF:892098.1/9

Right Out: 0.000+/-0.000 χ^2 /NDF: 10460399.4/21

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

0.000+/-0.000 χ^2 /NDF: 39268610.6/58

yield_cav4cX_mean vs slug



Right In: 0.122+/-0.000 χ^2/NDF : 4950810974.8/17

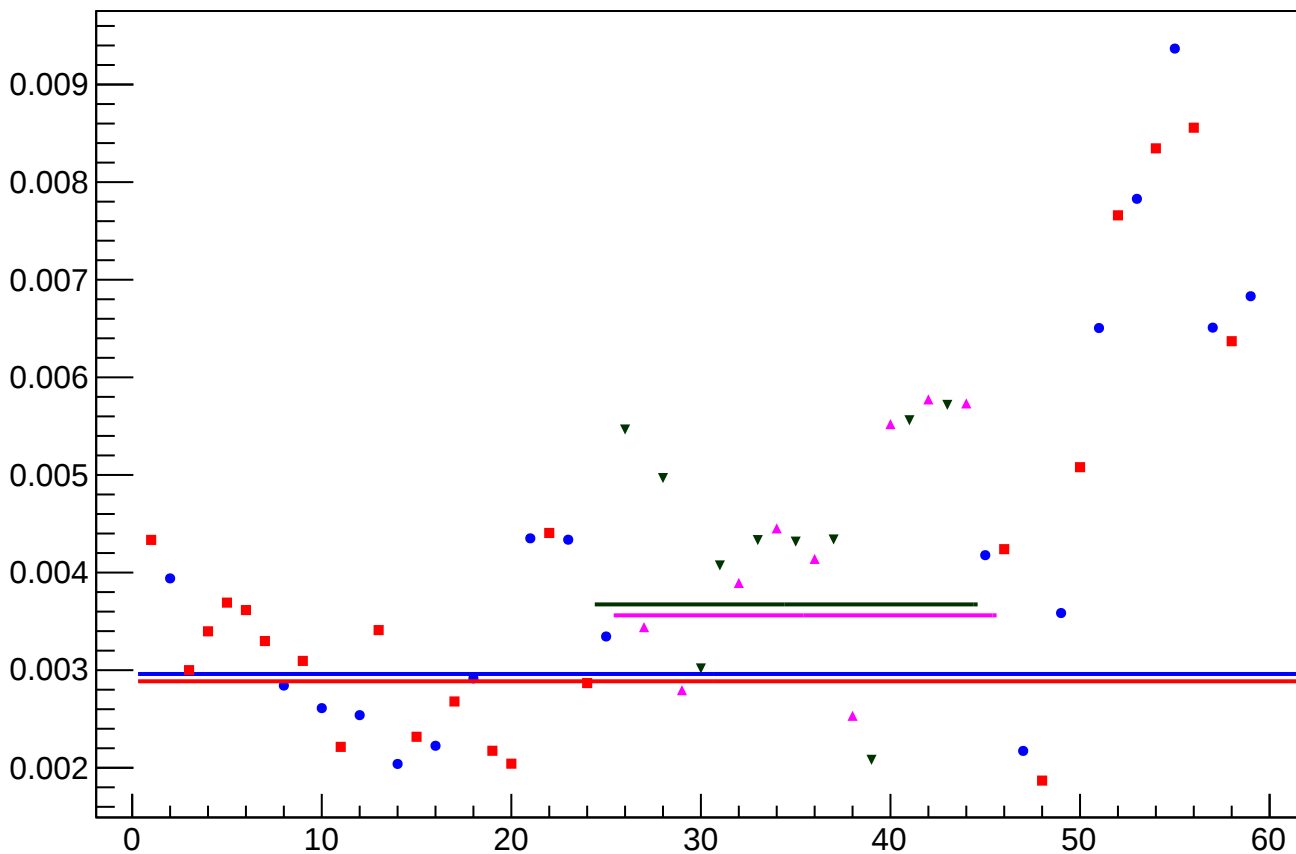
Left Out: 0.163+/-0.000 χ^2/NDF : 101831934.2/9

Right Out: 0.128+/-0.000 χ^2/NDF : 4476733197.5/21

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

0.134+/-0.000 χ^2/NDF : 10270232899.8/58

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 3024324.4/17

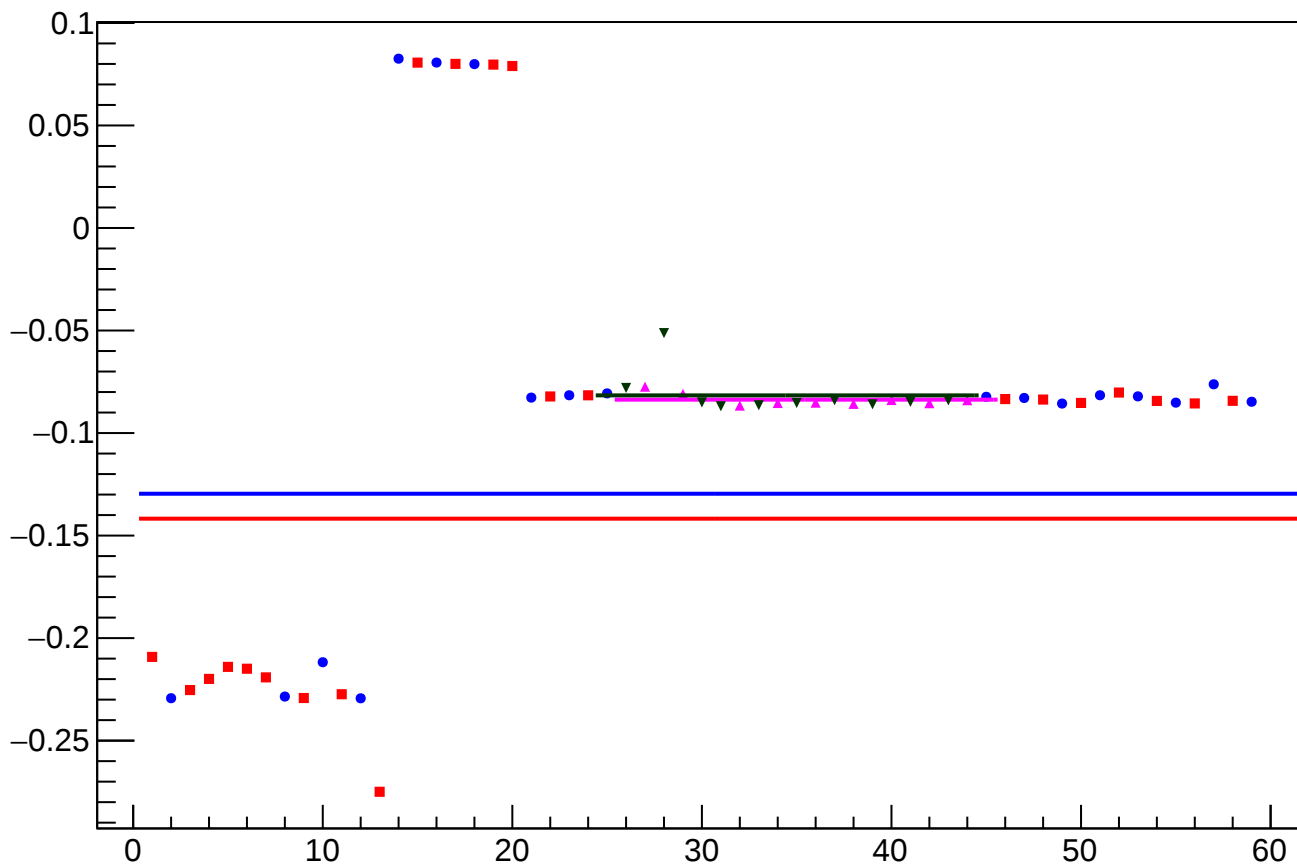
Left Out: 0.004+/-0.000 χ^2/NDF :1041439.4/9

Right Out: 0.003+/-0.000 χ^2/NDF : 2803879.6/21

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

0.003+/-0.000 χ^2/NDF : 8134005.6/58

yield_cav4cY_mean vs slug



Right In: -0.130+/-0.000 χ^2/NDF : 10106711948.1/17

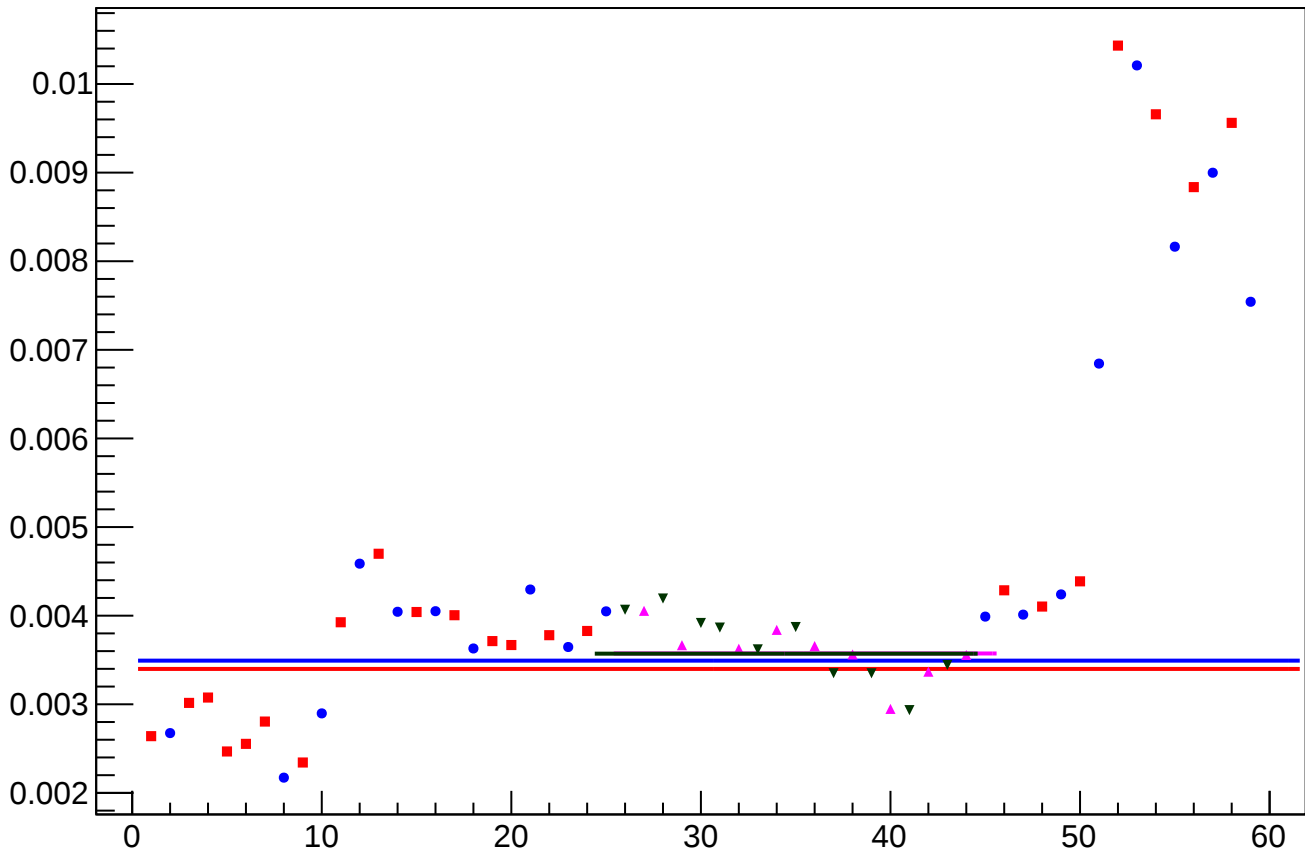
Left Out: -0.082+/-0.000 χ^2/NDF : 35910160.7/9

Right Out: -0.142+/-0.000 χ^2/NDF : 9436819931.9/21

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

-0.117+/-0.000 χ^2/NDF : 21110618502.4/58

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 2730817.8/17

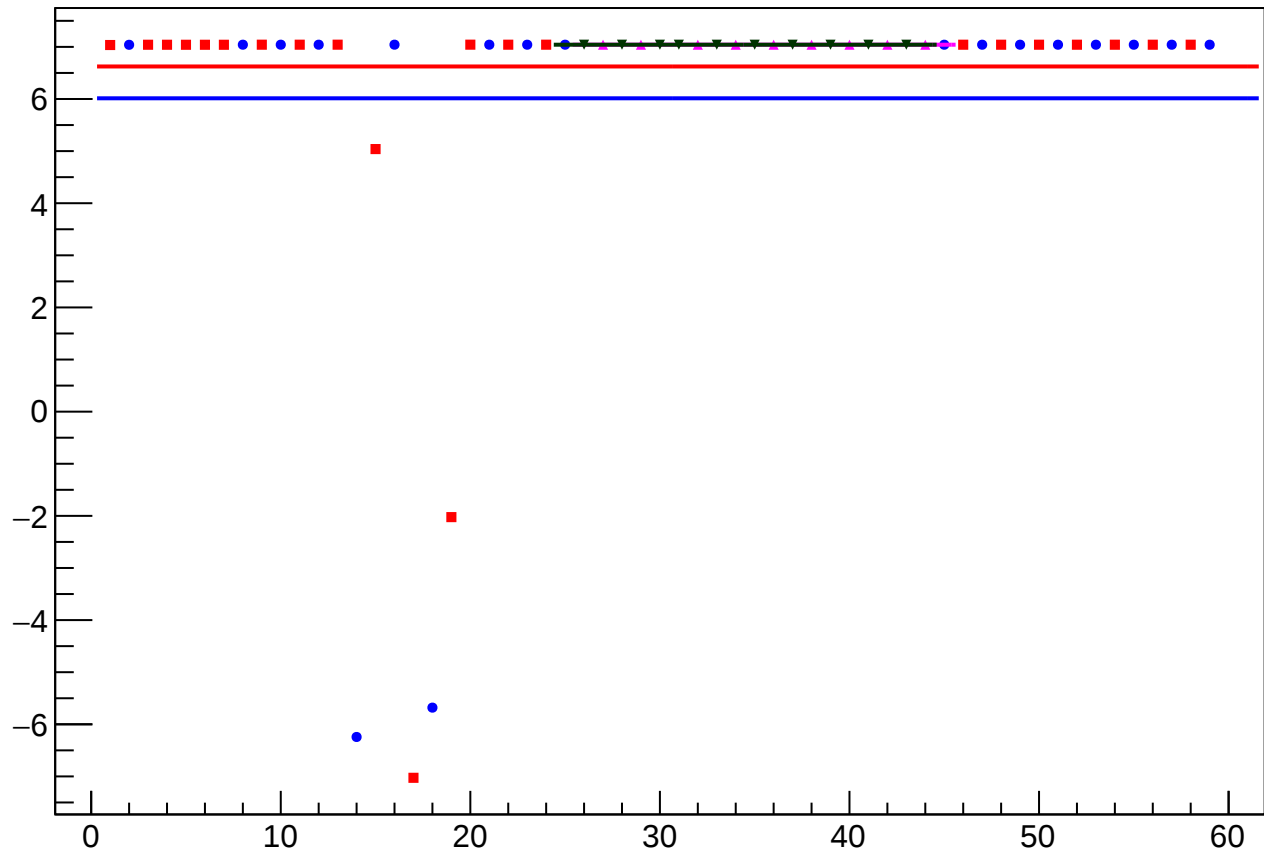
Left Out: 0.004+/-0.000 χ^2/NDF :122018.5/9

0.003+/-0.000 χ^2/NDF : 5282156.9/58

Right Out: 0.003+/-0.000 χ^2/NDF : 2328455.1/21

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

yield_cav4dX_mean vs slug



Right In: 6.013+/-0.000 χ^2/NDF : 4687292595943350.0/17

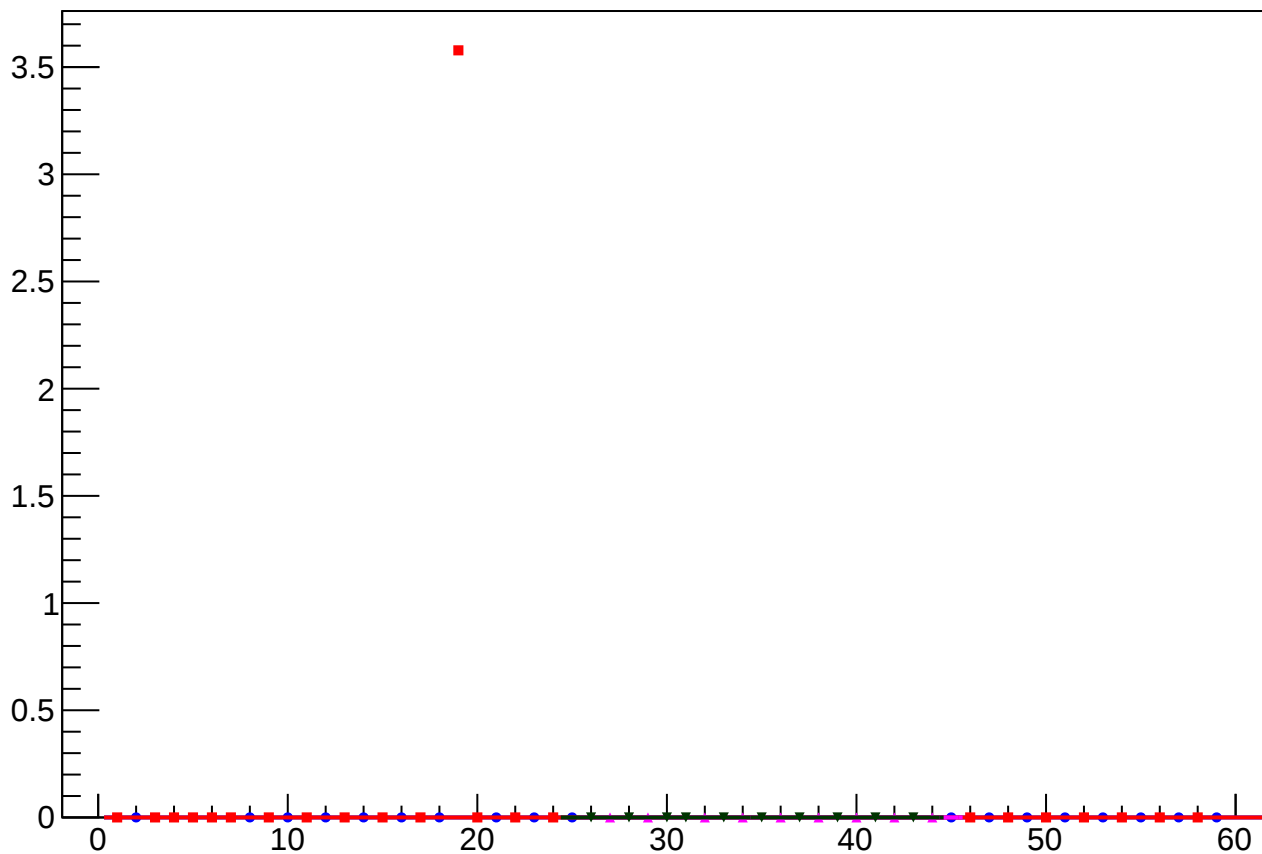
Left Out: 7.042+/-0.000 χ^2/NDF : 814684.7/9

6.574+/-0.000 χ^2/NDF : 6759052217272519.0/5

Right Out: 6.624+/-0.000 χ^2/NDF : 1862697532352357.5/21

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

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 6119.5/17

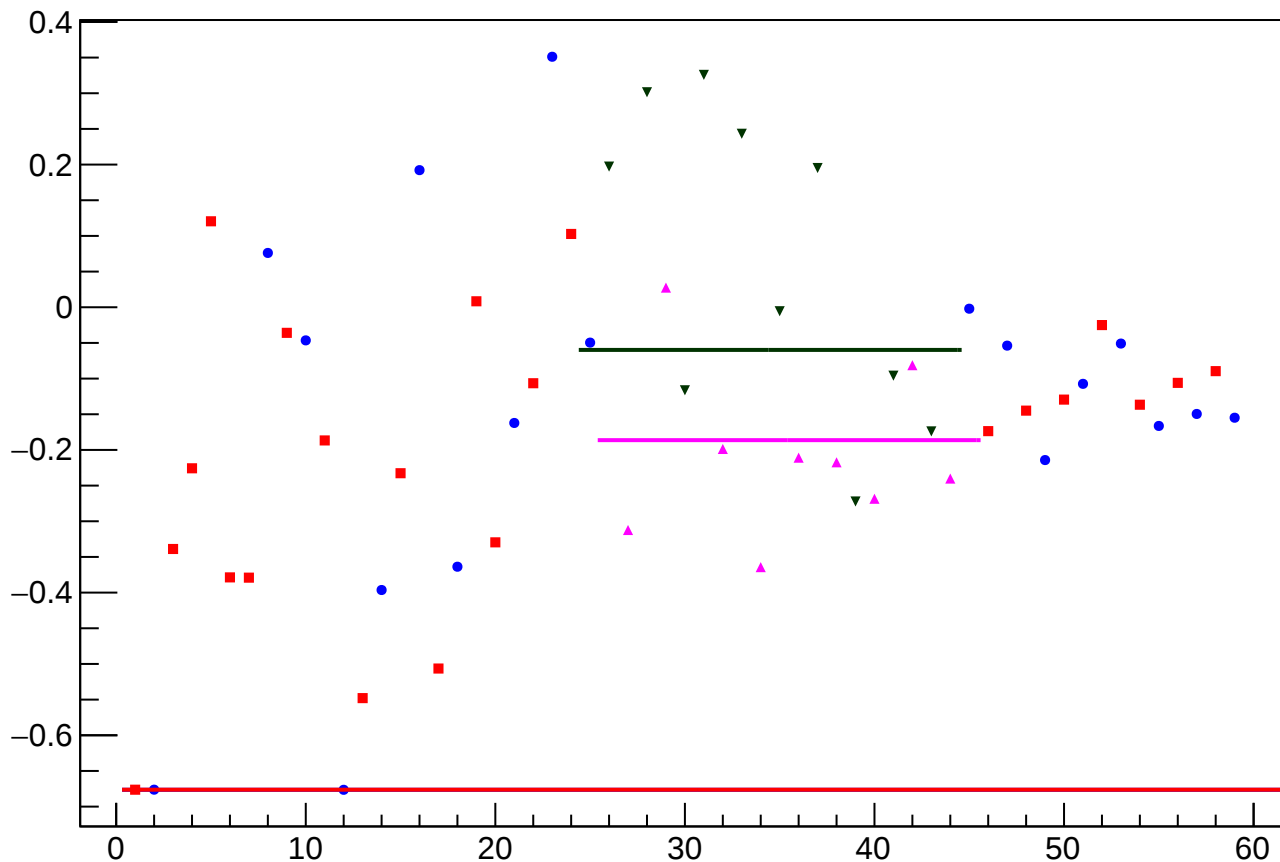
Left Out: 0.000+/-0.000 χ^2/NDF :1391.6/9

Right Out: 0.000+/-0.000 χ^2/NDF : 696505.5/21

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

0.000+/-0.000 χ^2/NDF : 709304.2/58

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 257249932.2/17

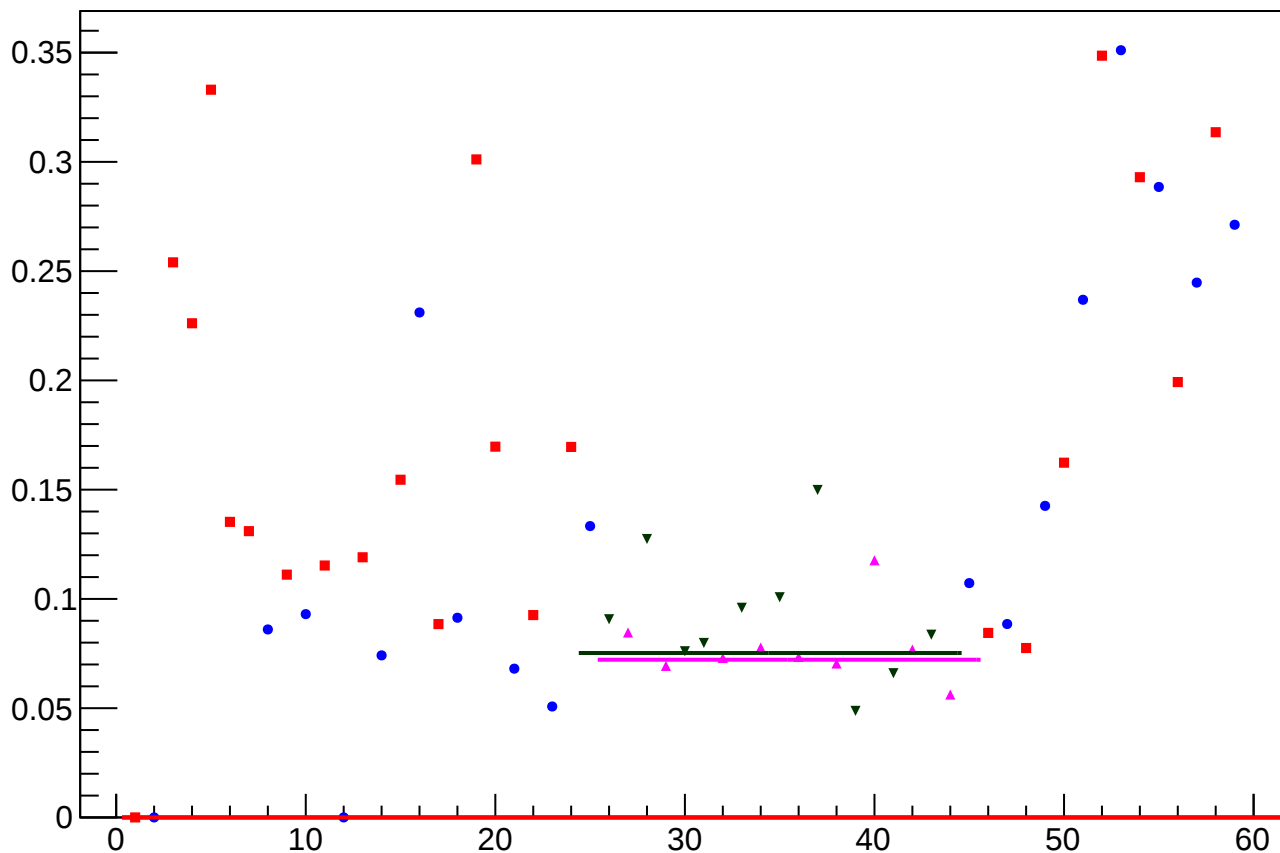
Left Out: -0.060+/-0.000 χ^2/NDF :19501975.2/9

Right Out: -0.676+/-0.000 χ^2/NDF : 102777211.9/21

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

-0.676+/-0.000 χ^2/NDF : 732209877.6/58

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15236106.5/17

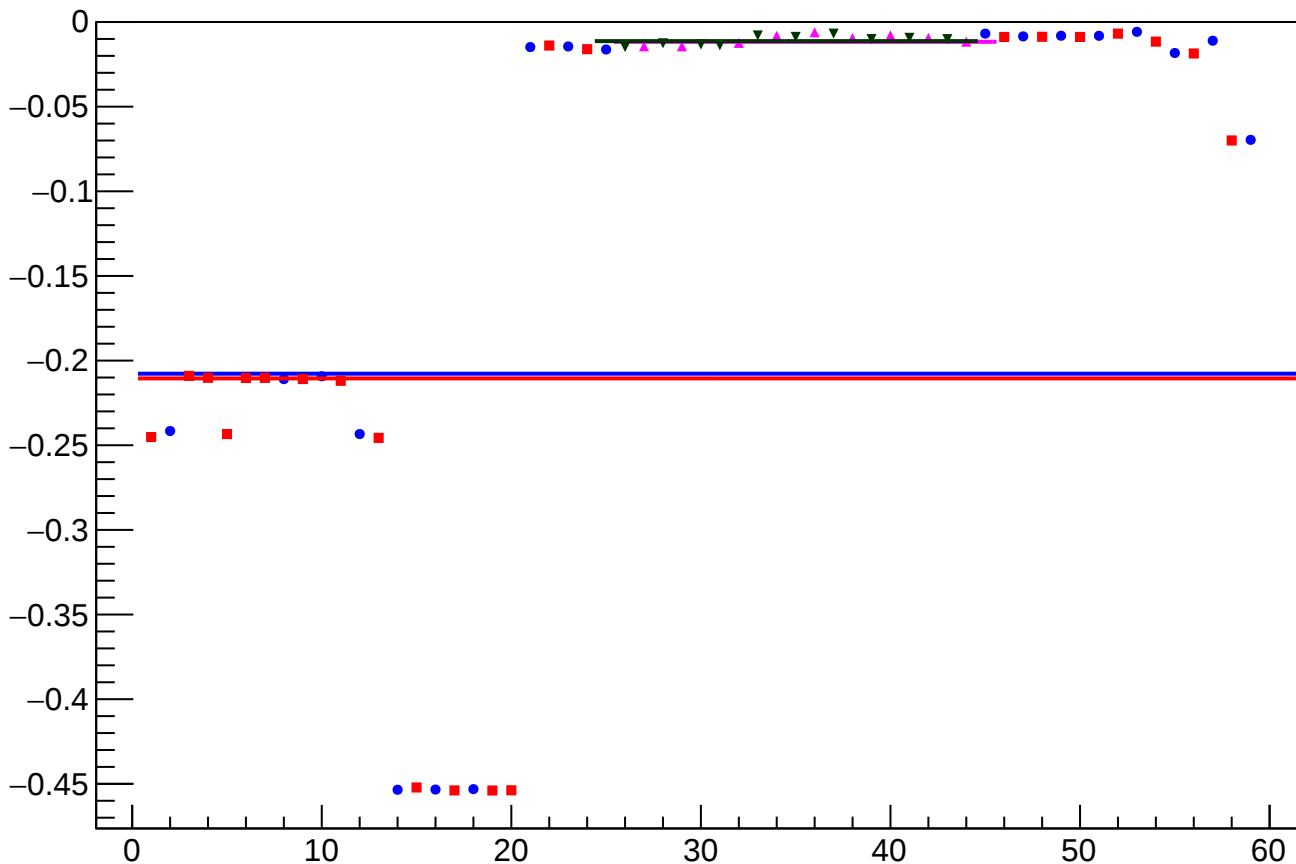
Left Out: 0.075+/-0.000 χ^2/NDF : 580705.7/9

Right Out: 0.000+/-0.000 χ^2/NDF : 15026552.9/21

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

0.000+/-0.000 χ^2/NDF : 43393764.1/58

yield_bpm4aX_mean vs slug



Right In: -0.208+/-0.000 χ^2/NDF : 5178285345.5/17

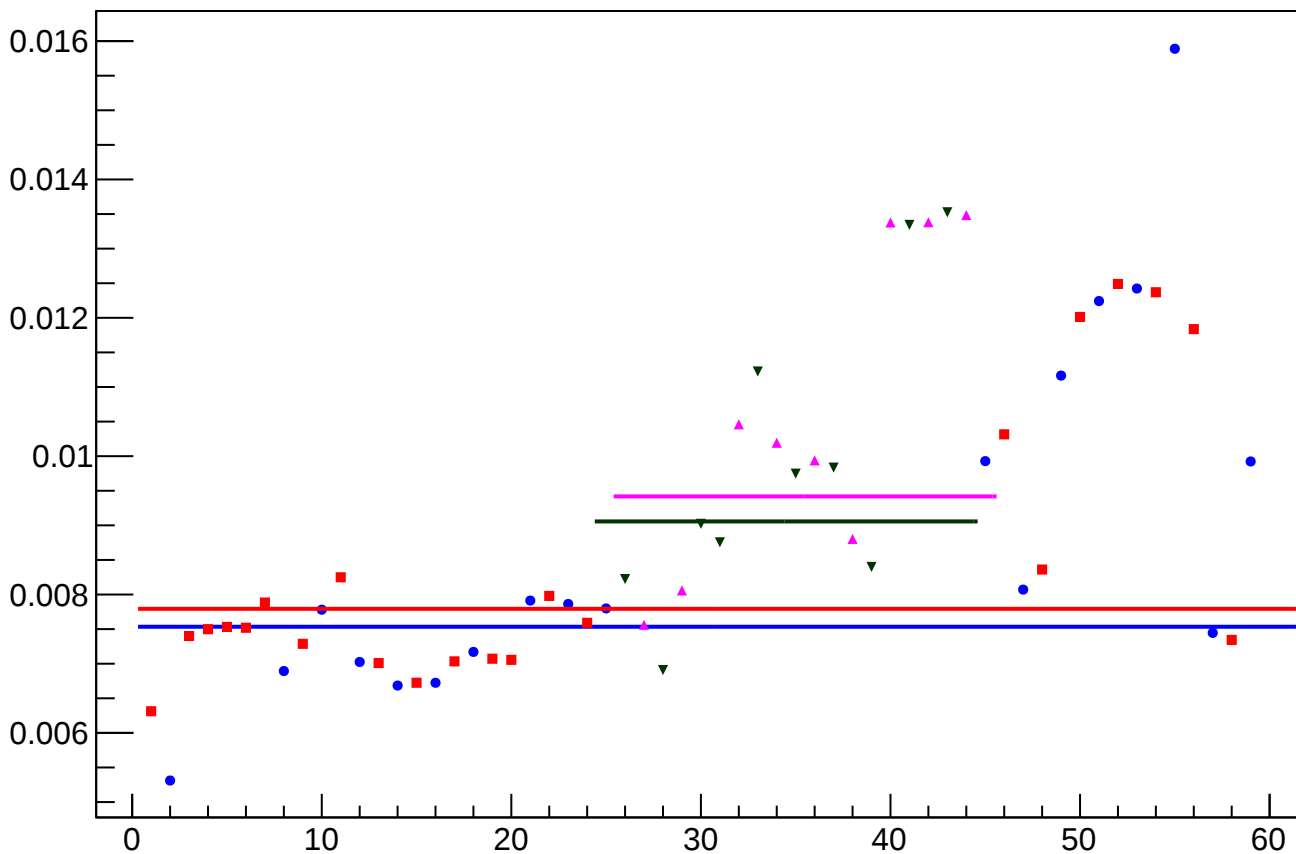
Left Out: -0.011+/-0.000 χ^2/NDF : 378643.1/9

-0.159+/-0.000 χ^2/NDF : 12793029848.3/58

Right Out: -0.211+/-0.000 χ^2/NDF : 4141529589.2/21

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

yield_bpm4aX_rms vs slug



Right In: 0.008 ± 0.000 χ^2/NDF : 1318856.3/17

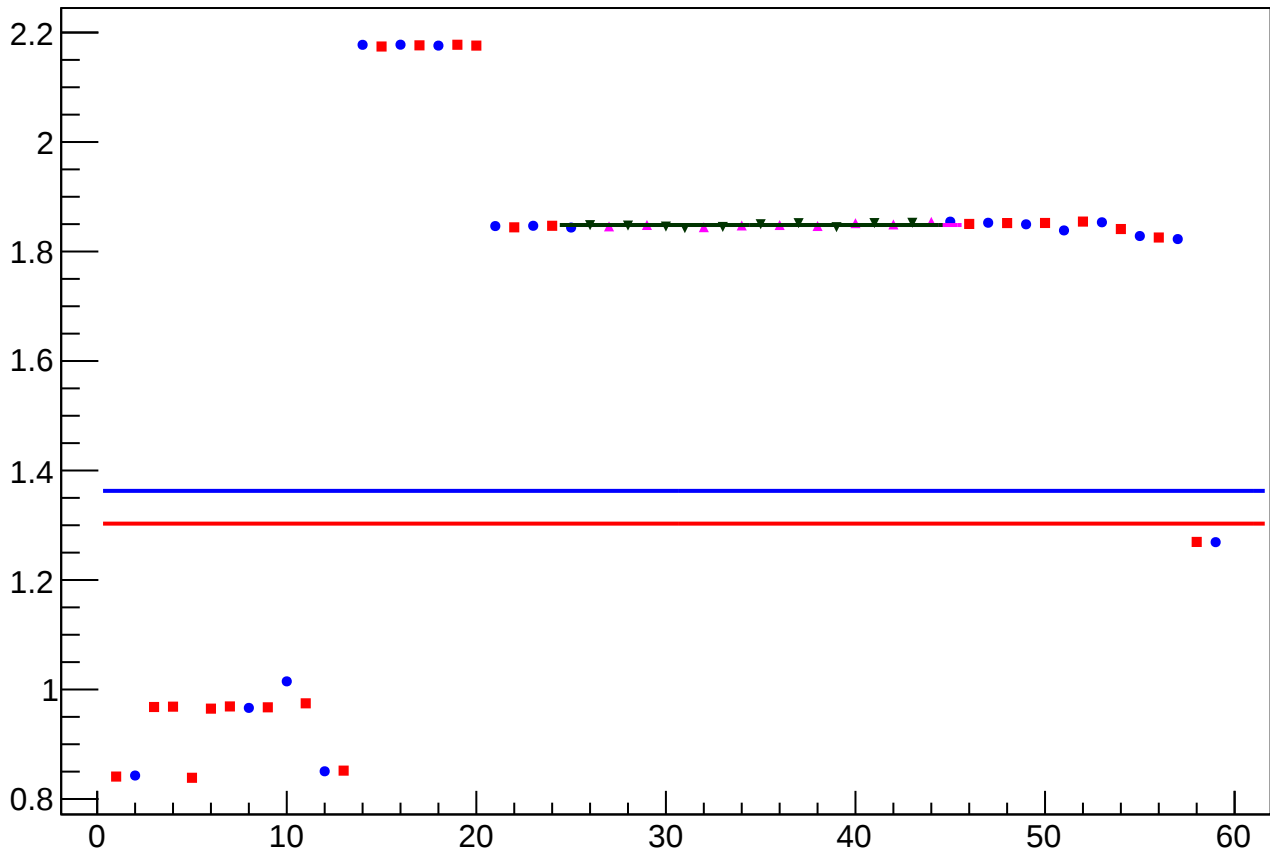
Left Out: 0.009 ± 0.000 χ^2/NDF : 416147.1/9

Right Out: 0.008 ± 0.000 χ^2/NDF : 722523.2/21

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

0.008 ± 0.000 χ^2/NDF : 3370351.5/58

yield_bpm4aY_mean vs slug



Right In: 1.363+/-0.000 χ^2/NDF : 15414749228.8/17

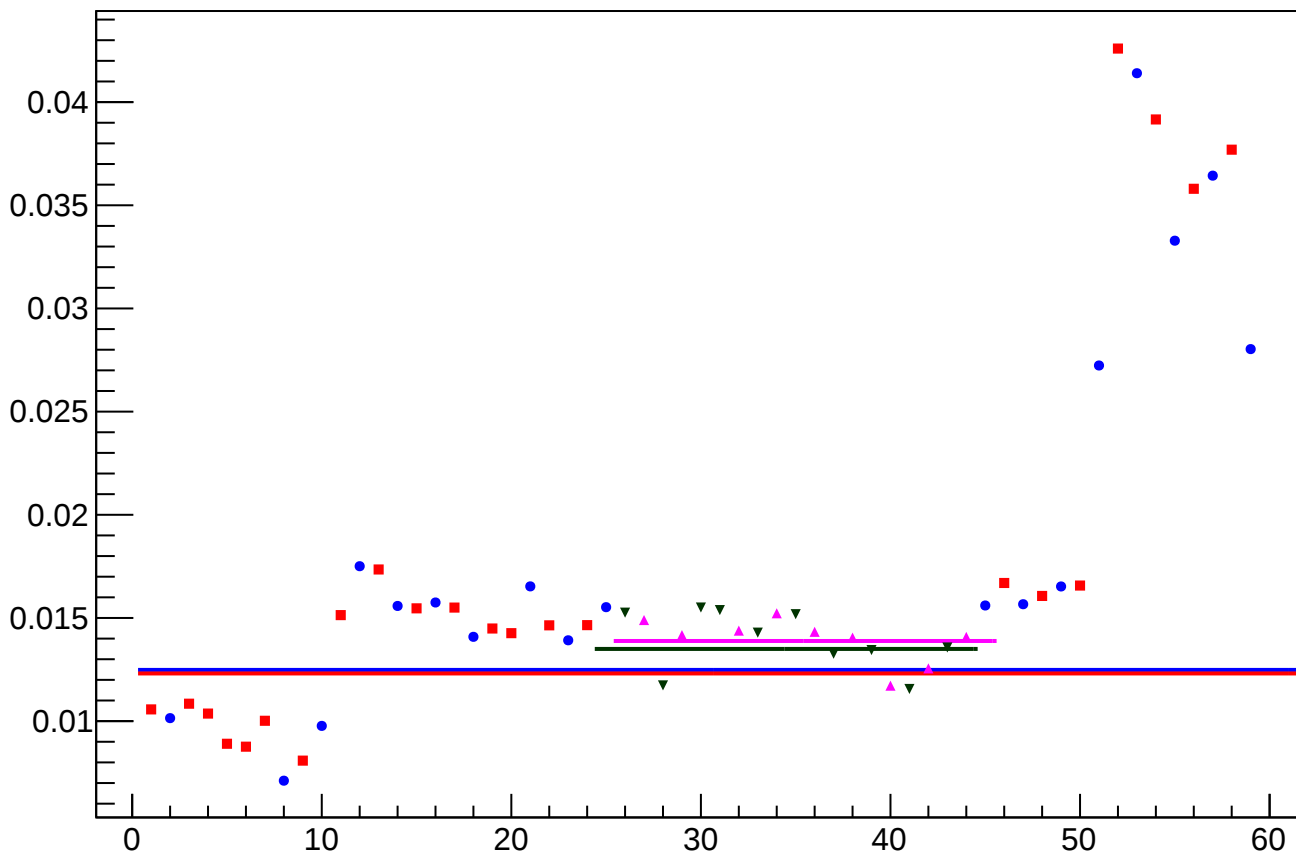
Left Out: 1.848+/-0.000 χ^2/NDF : 272295.3/9

1.502+/-0.000 χ^2/NDF : 39557220050.9/58

Right Out: 1.303+/-0.000 χ^2/NDF : 14207816249.2/21

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

yield_bpm4aY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 3508932.1/17

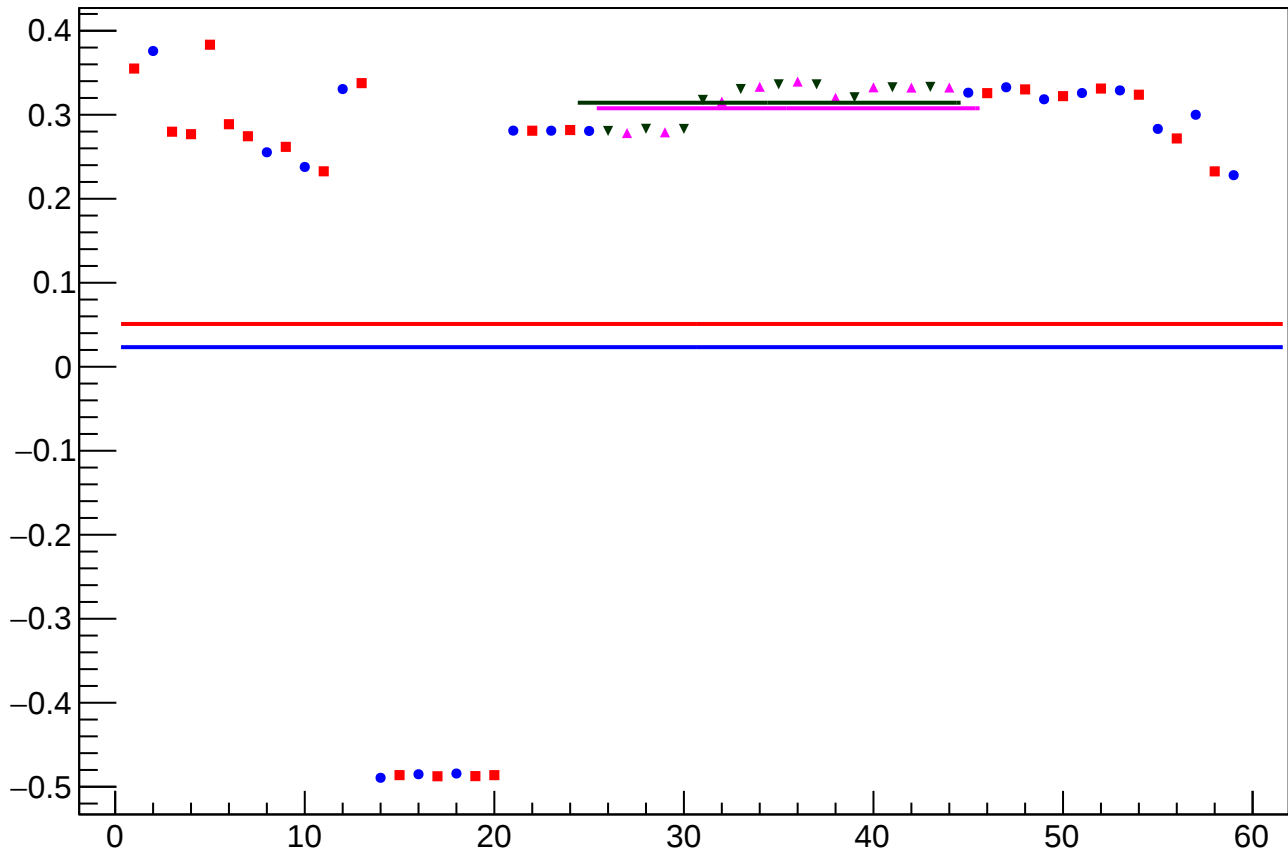
Left Out: 0.013+/-0.000 χ^2/NDF : 115025.1/9

Right Out: 0.012+/-0.000 χ^2/NDF : 2822884.3/21

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

0.013+/-0.000 χ^2/NDF : 6641679.9/58

yield_bpm4eX_mean vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 3546247465.5/17

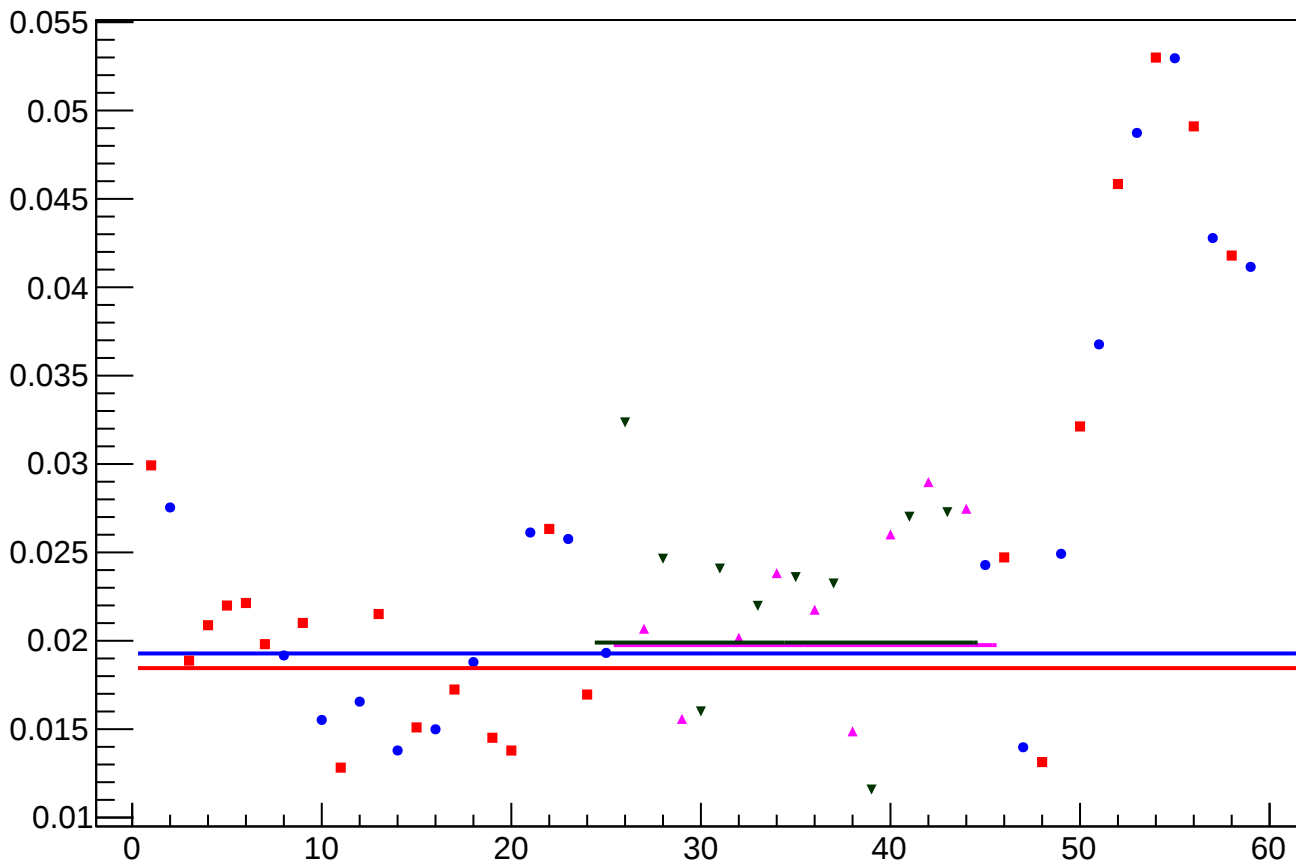
Left Out: 0.314+/-0.000 χ^2/NDF : 5131381.6/9

0.125+/-0.000 χ^2/NDF : 8000441282.1/58

Right Out: 0.051+/-0.000 χ^2/NDF : 3207165183.2/21

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

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2734407.9/17

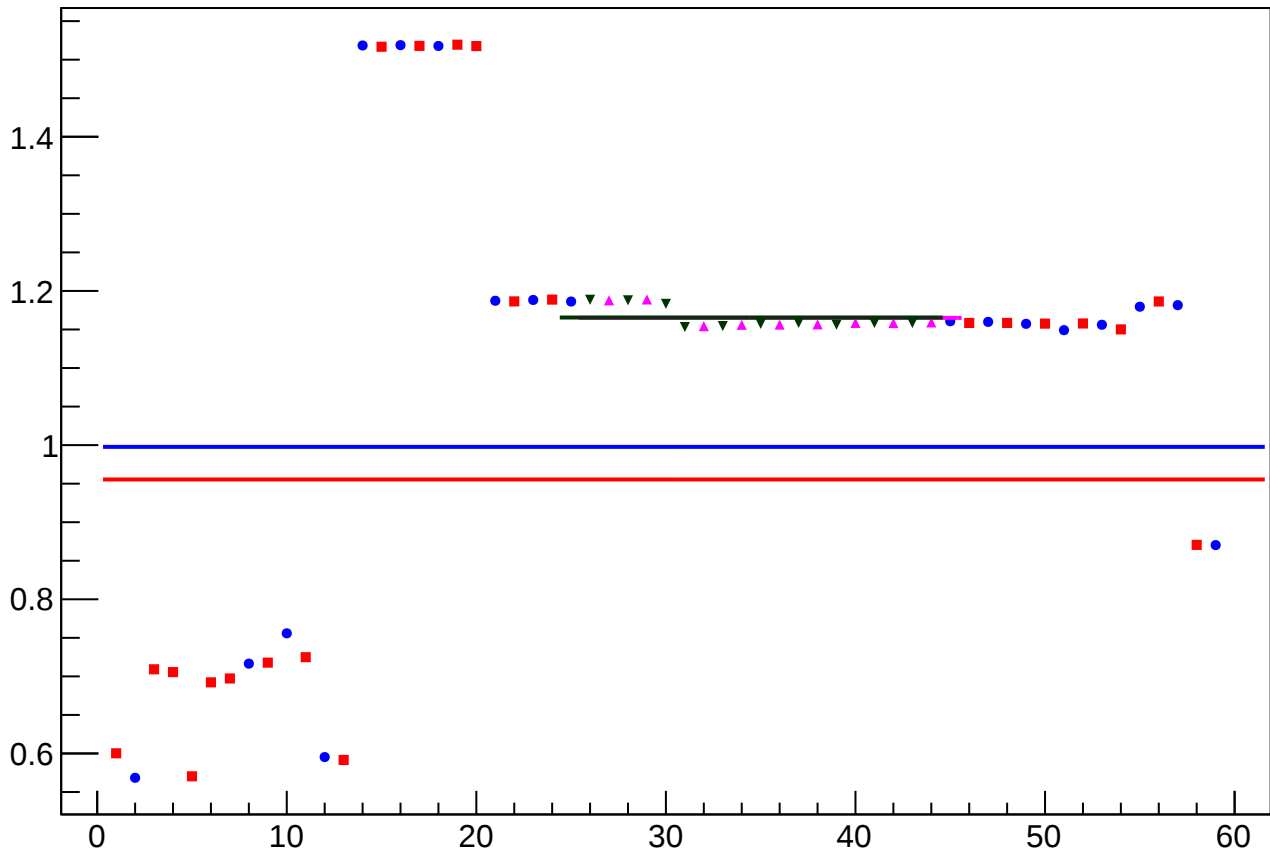
Left Out: 0.020+/-0.000 χ^2/NDF : 884674.2/9

0.019+/-0.000 χ^2/NDF : 6800621.2/58

Right Out: 0.018+/-0.000 χ^2/NDF : 2653028.6/21

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

yield_bpm4eY_mean vs slug



Right In: 0.998+/-0.000 χ^2/NDF : 12991700655.6/17

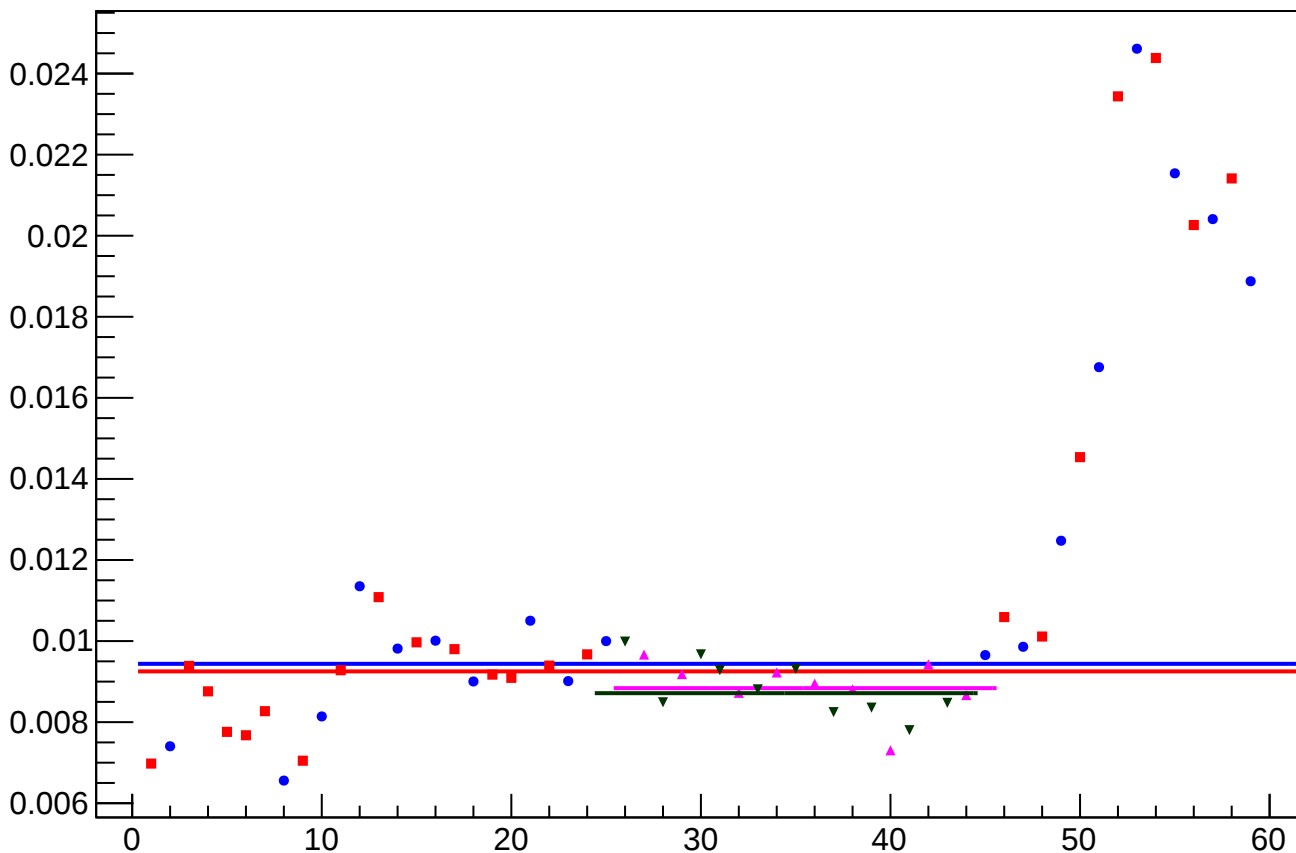
Left Out: 1.166+/-0.000 χ^2/NDF : 12029920.3/9

1.049+/-0.000 χ^2/NDF : 28086816968.9/58

Right Out: 0.955+/-0.000 χ^2/NDF : 12051444103.5/21

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

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 2038116.3/17

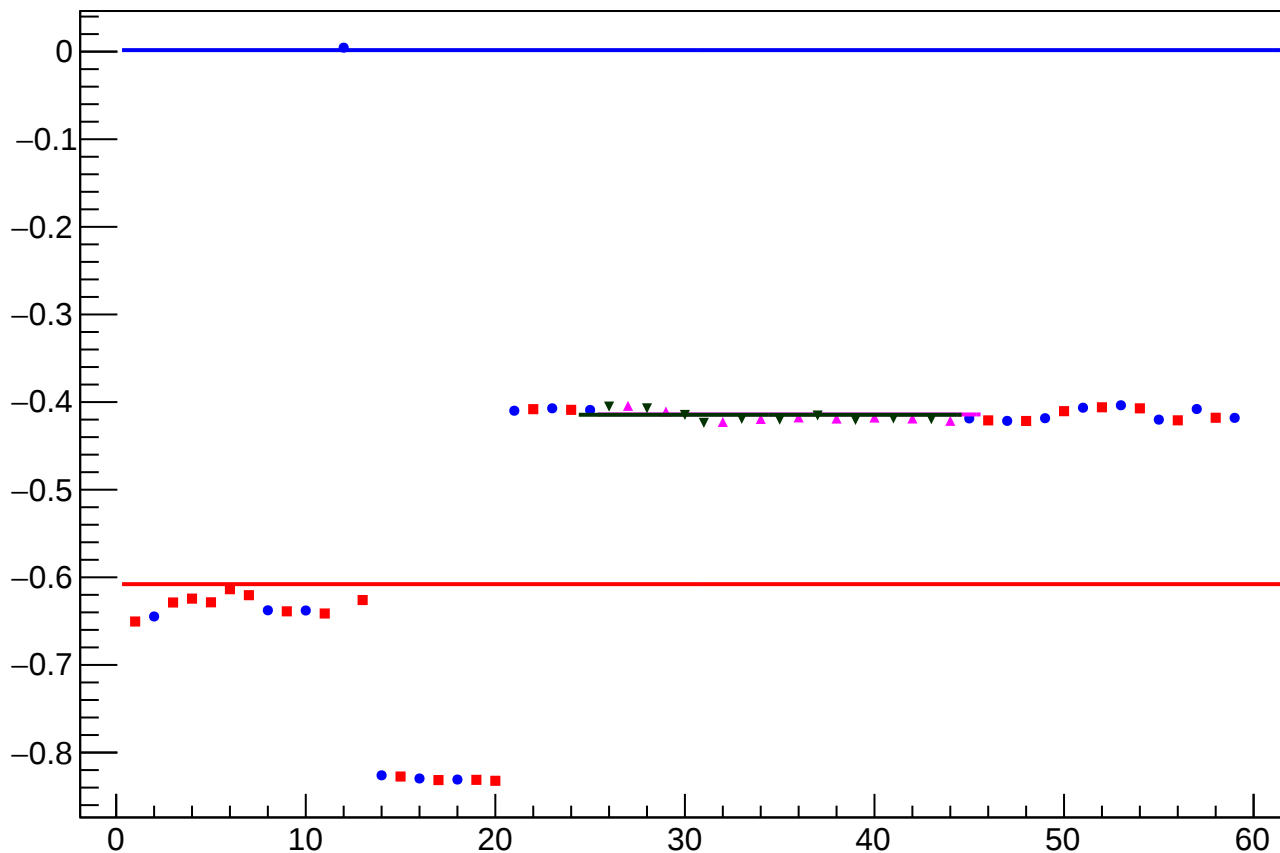
Left Out: 0.009+/-0.000 χ^2/NDF : 53979.4/9

0.009+/-0.000 χ^2/NDF : 3937808.8/58

Right Out: 0.009+/-0.000 χ^2/NDF : 1724964.5/21

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

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 67407565569.4/17

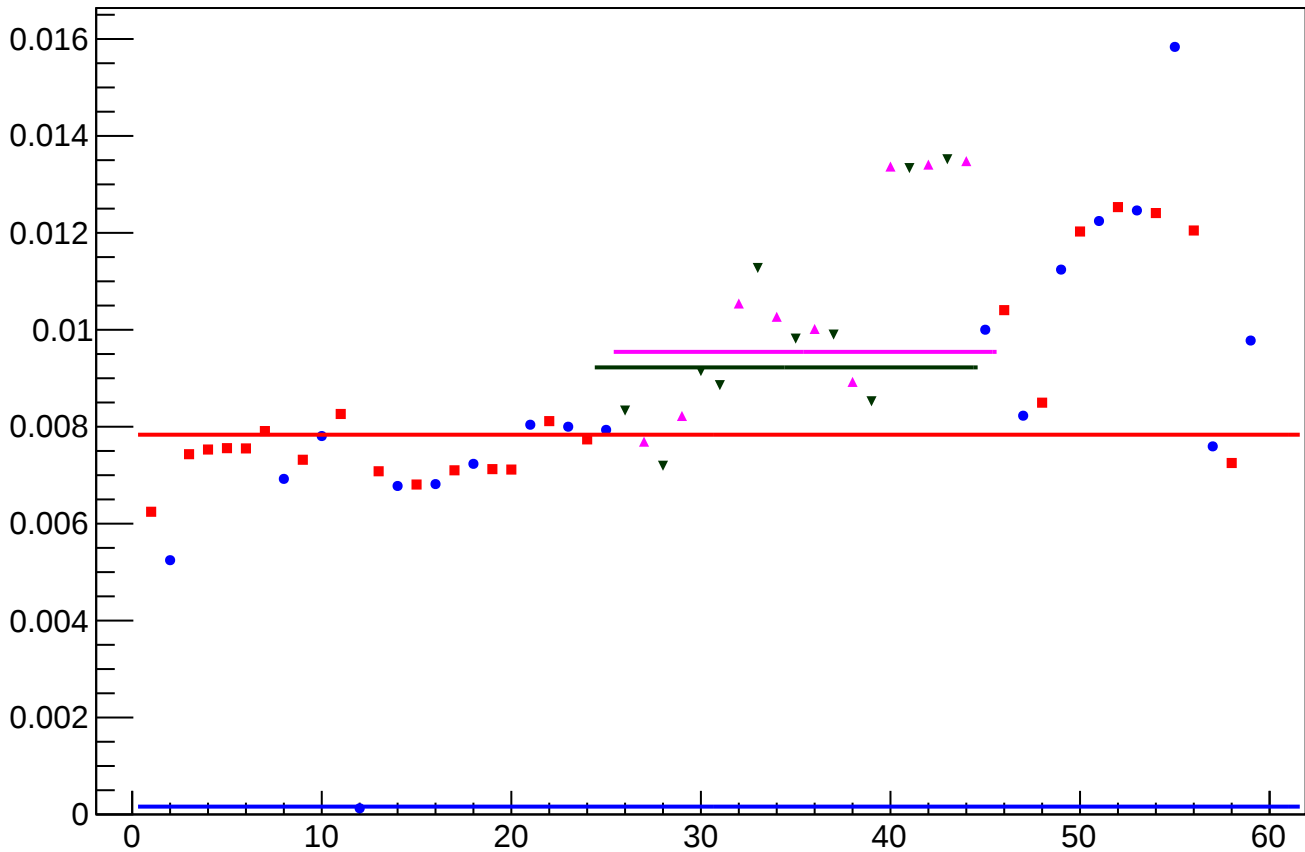
Left Out: -0.414+/-0.000 χ^2/NDF : 2317186.9/9

Right Out: -0.608+/-0.000 χ^2/NDF : 3865347311.2/21

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

-0.002+/-0.000 χ^2/NDF : 151321773546.7/58

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 20399437.6/17

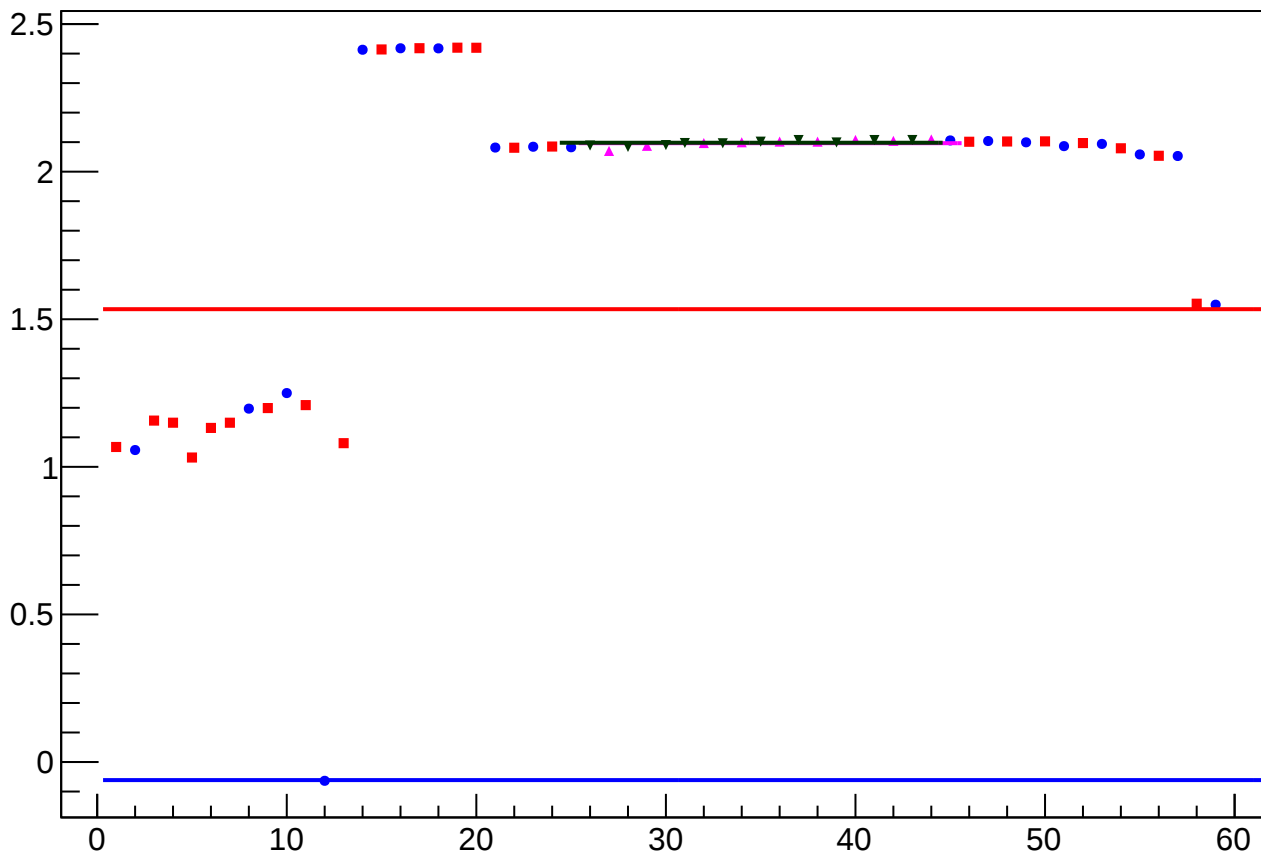
Left Out: 0.009+/-0.000 χ^2/NDF : 372041.8/9

0.000+/-0.000 χ^2/NDF : 60595261.8/58

Right Out: 0.008+/-0.000 χ^2/NDF : 734915.0/21

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

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 166088160839.1/17

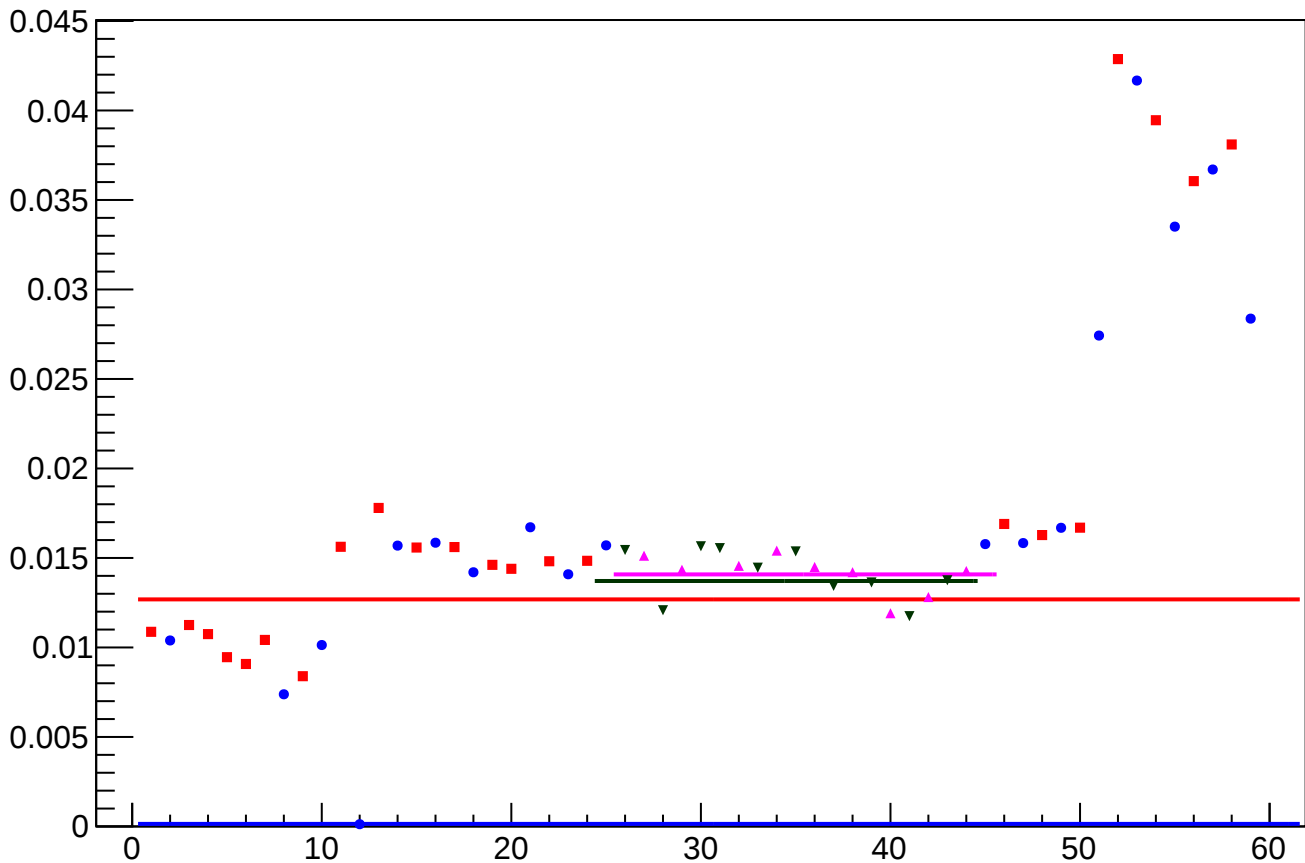
Left Out: 2.098+/-0.000 χ^2/NDF : 1974278.7/9

Right Out: 1.534+/-0.000 χ^2/NDF : 14648017640.0/21

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

-0.056+/-0.000 χ^2/NDF : 563753925951.6/58

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19853873.7/17

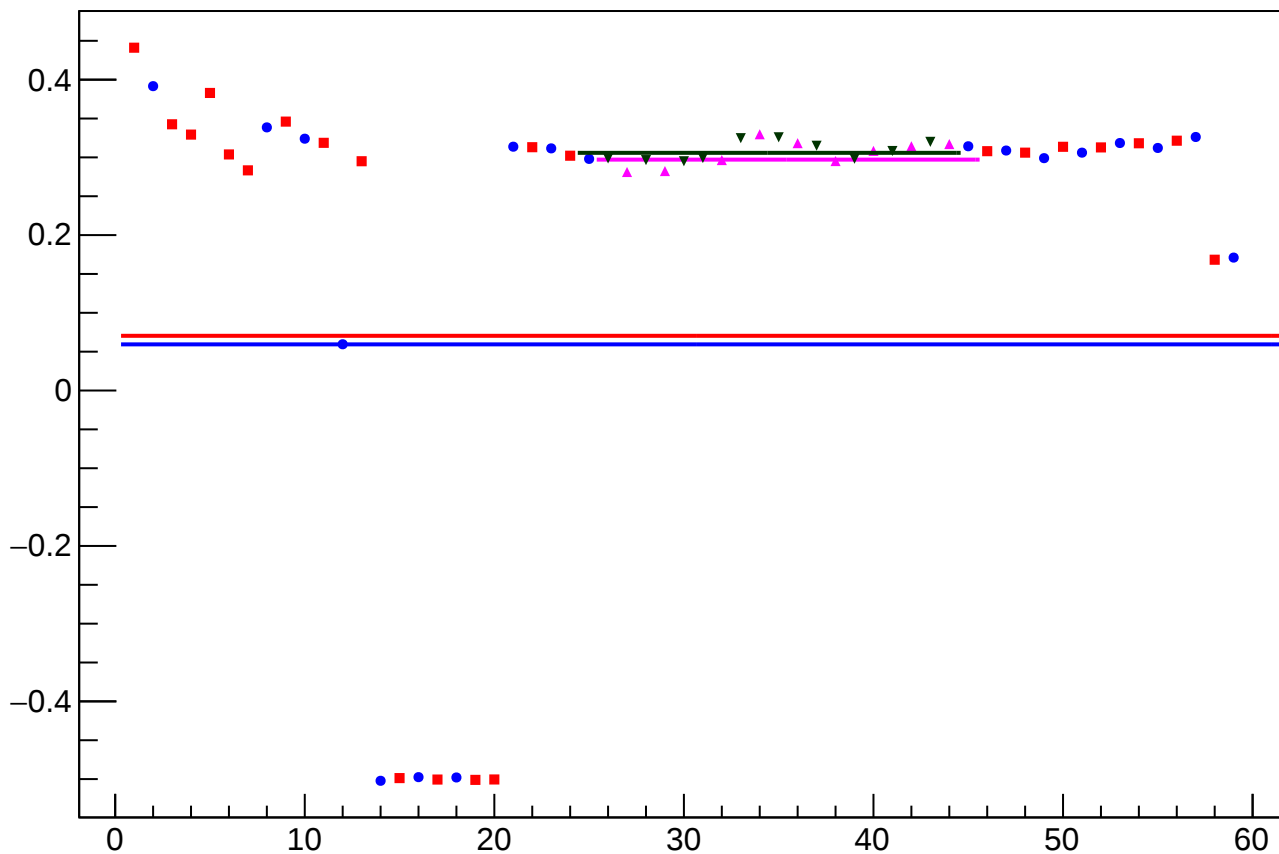
Left Out: 0.014+/-0.000 χ^2/NDF :105896.2/9

0.000+/-0.000 χ^2/NDF : 59558673.9/58

Right Out: 0.013+/-0.000 χ^2/NDF : 2700837.3/21

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

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3807626077.9/17

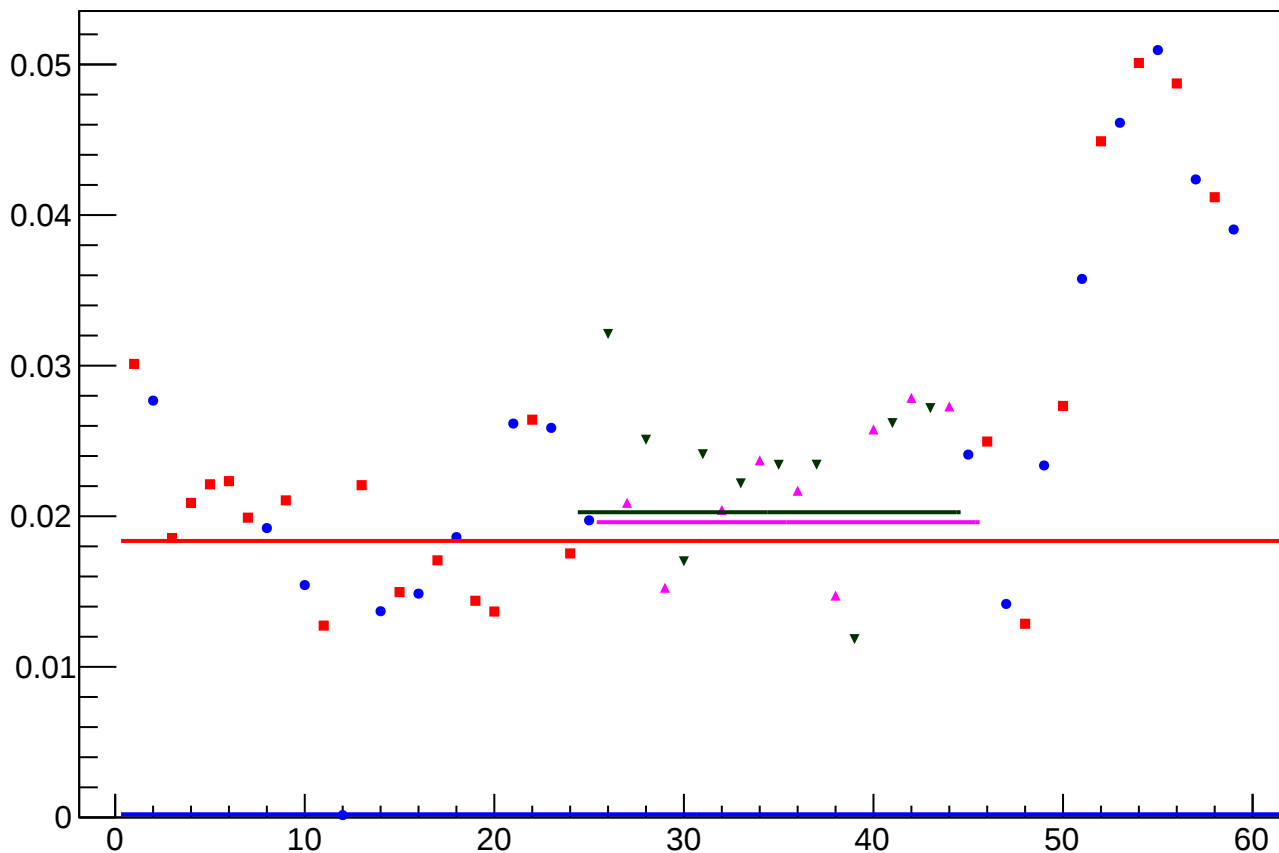
Left Out: 0.306+/-0.000 χ^2/NDF :1444203.8/9

Right Out: 0.070+/-0.000 χ^2/NDF : 3672286717.3/21

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

0.060+/-0.000 χ^2/NDF : 8890479350.9/58

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 20092371.2/17

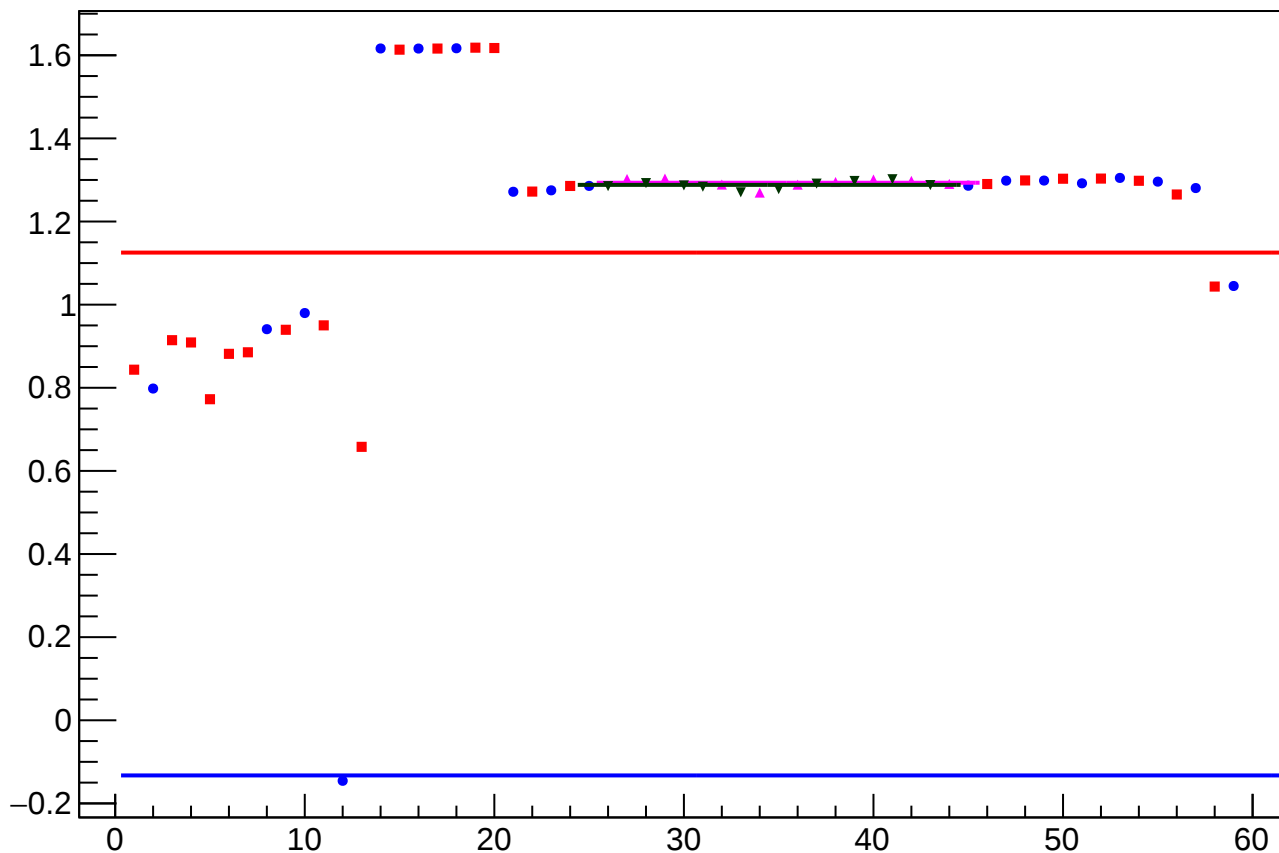
Left Out: 0.020+/-0.000 χ^2/NDF : 805825.9/9

Right Out: 0.018+/-0.000 χ^2/NDF : 2586433.2/21

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

0.000+/-0.000 χ^2/NDF : 59493140.2/58

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 165566090136.1/17

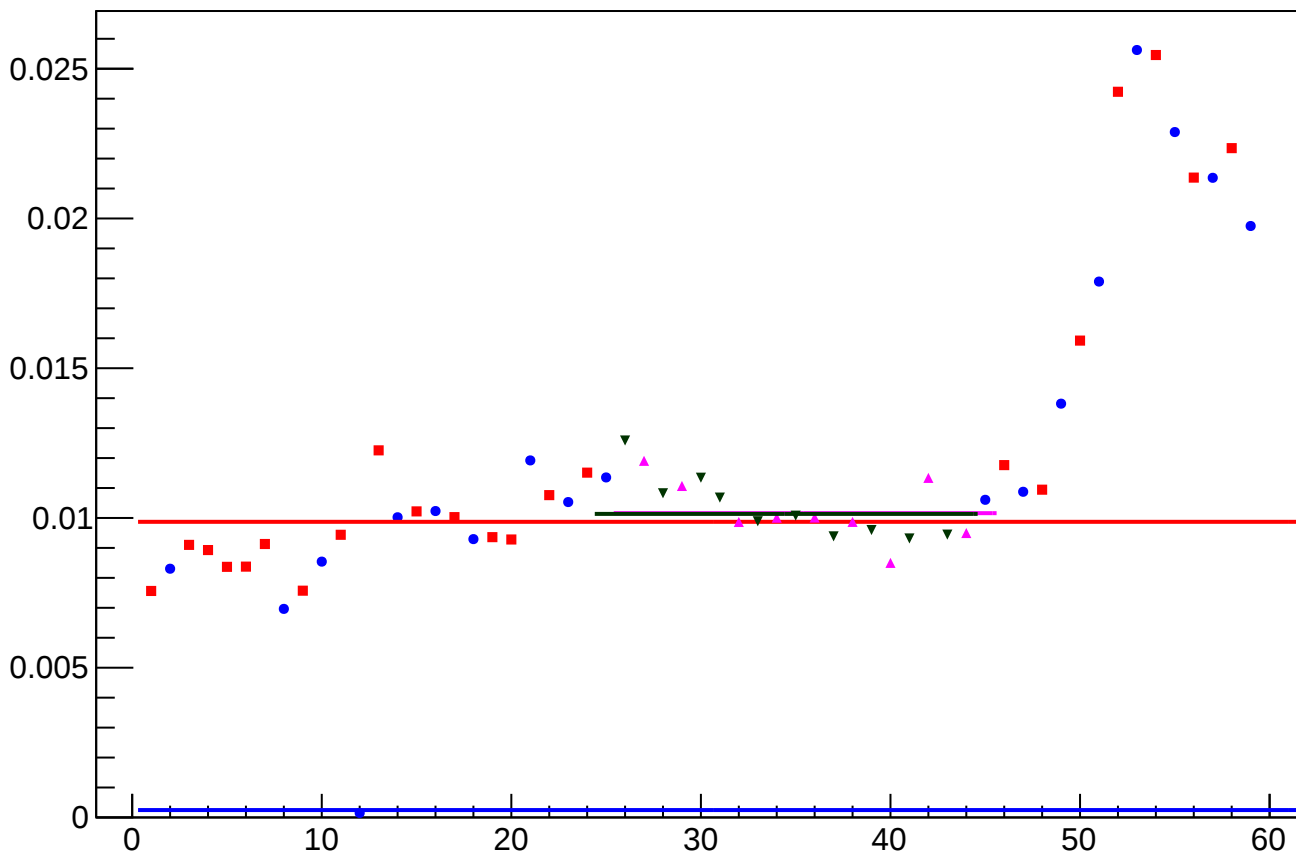
Left Out: 1.288+/-0.000 χ^2/NDF :3977019.1/9

Right Out: 1.125+/-0.000 χ^2/NDF : 8094348692.6/21

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

-0.105+/-0.000 χ^2/NDF : 516017100343.9/58

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19479405.1/17

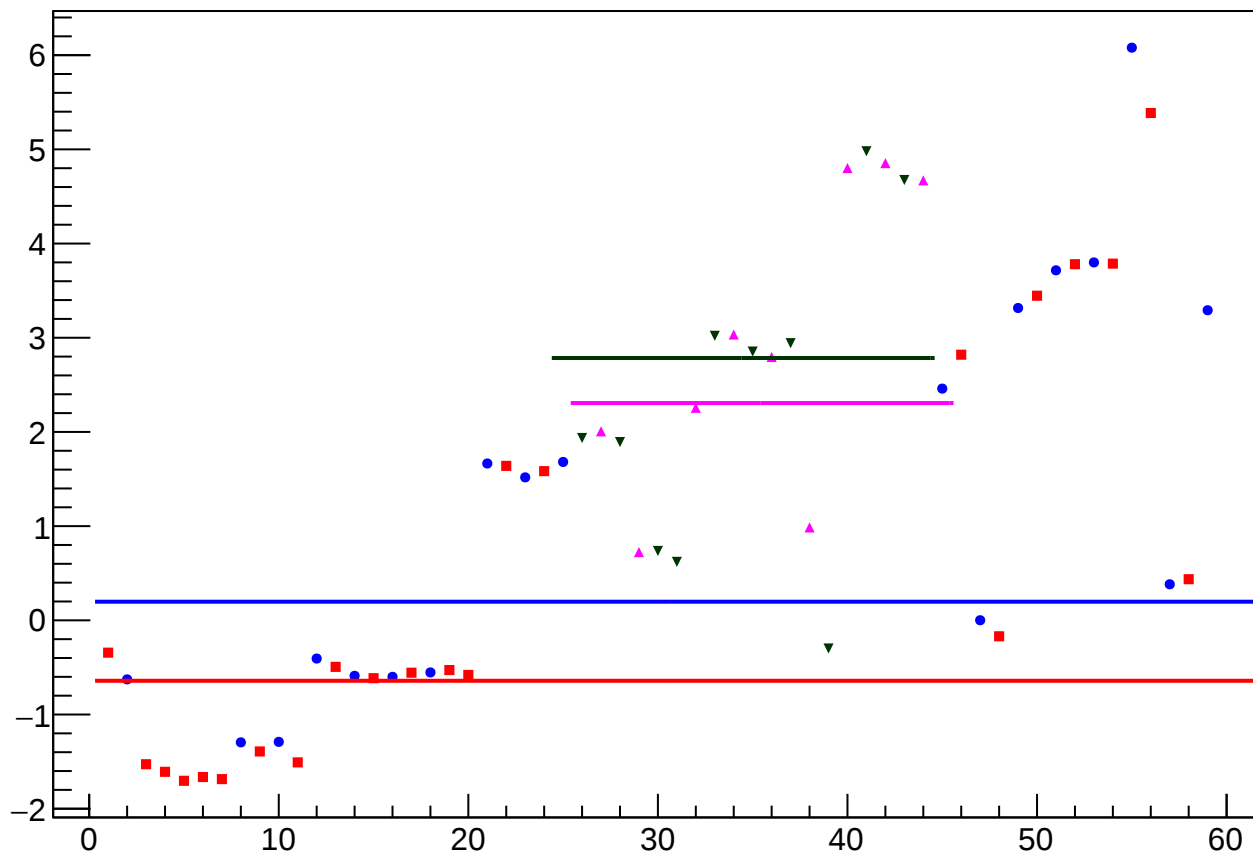
Left Out: 0.010+/-0.000 χ^2/NDF : 77620.6/9

0.000+/-0.000 χ^2/NDF : 57412352.7/58

Right Out: 0.010+/-0.000 χ^2/NDF : 1716442.3/21

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

yield_bpm1X_mean vs slug



Right In: 0.198+/-0.000 χ^2/NDF : 16198564947.3/17

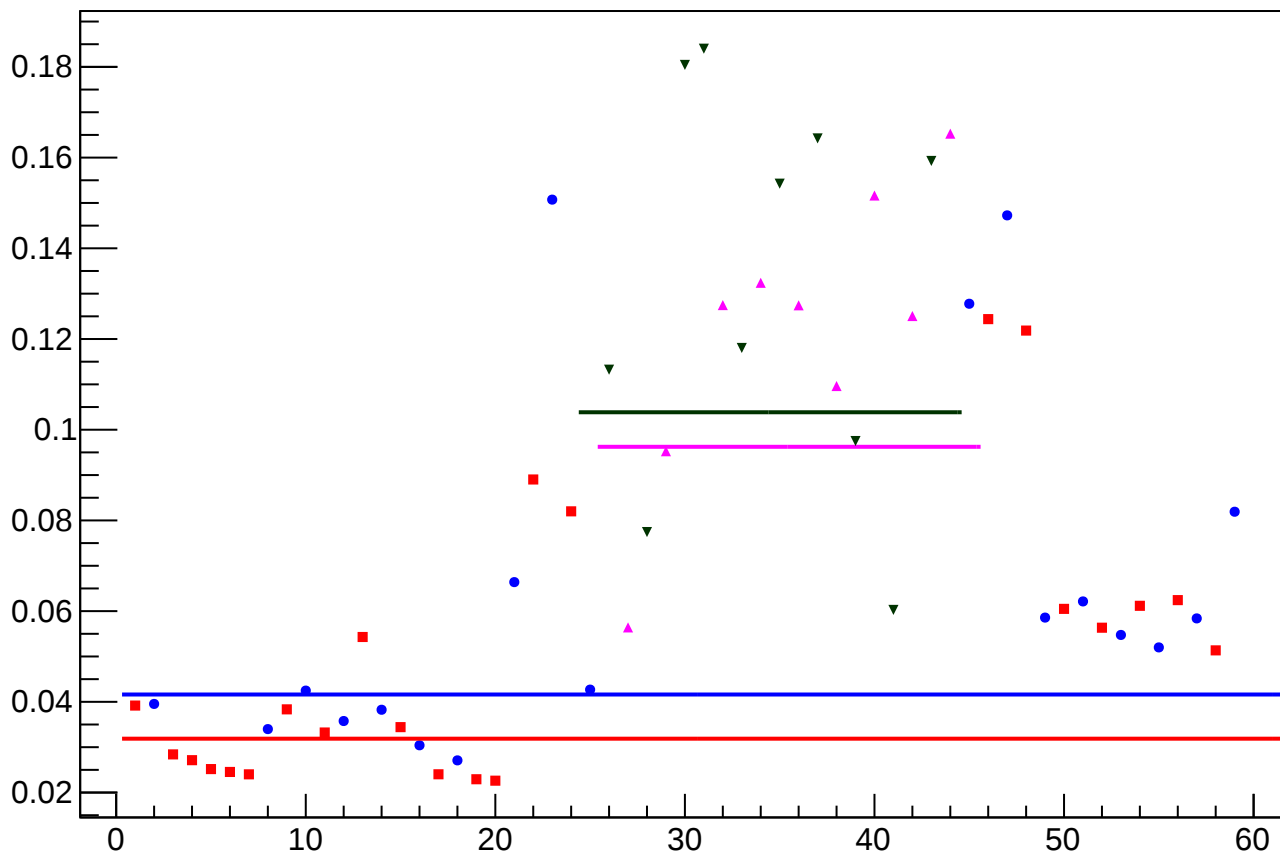
Left Out: 2.785+/-0.000 χ^2/NDF : 937439159.6/9

Right Out: -0.642+/-0.000 χ^2/NDF : 15440243999.0/21

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

-0.148+/-0.000 χ^2/NDF : 40731239568.9/58

yield_bpm1X_rms vs slug



Right In: 0.042 ± 0.000 $\chi^2/\text{NDF}: 2574328.5/17$

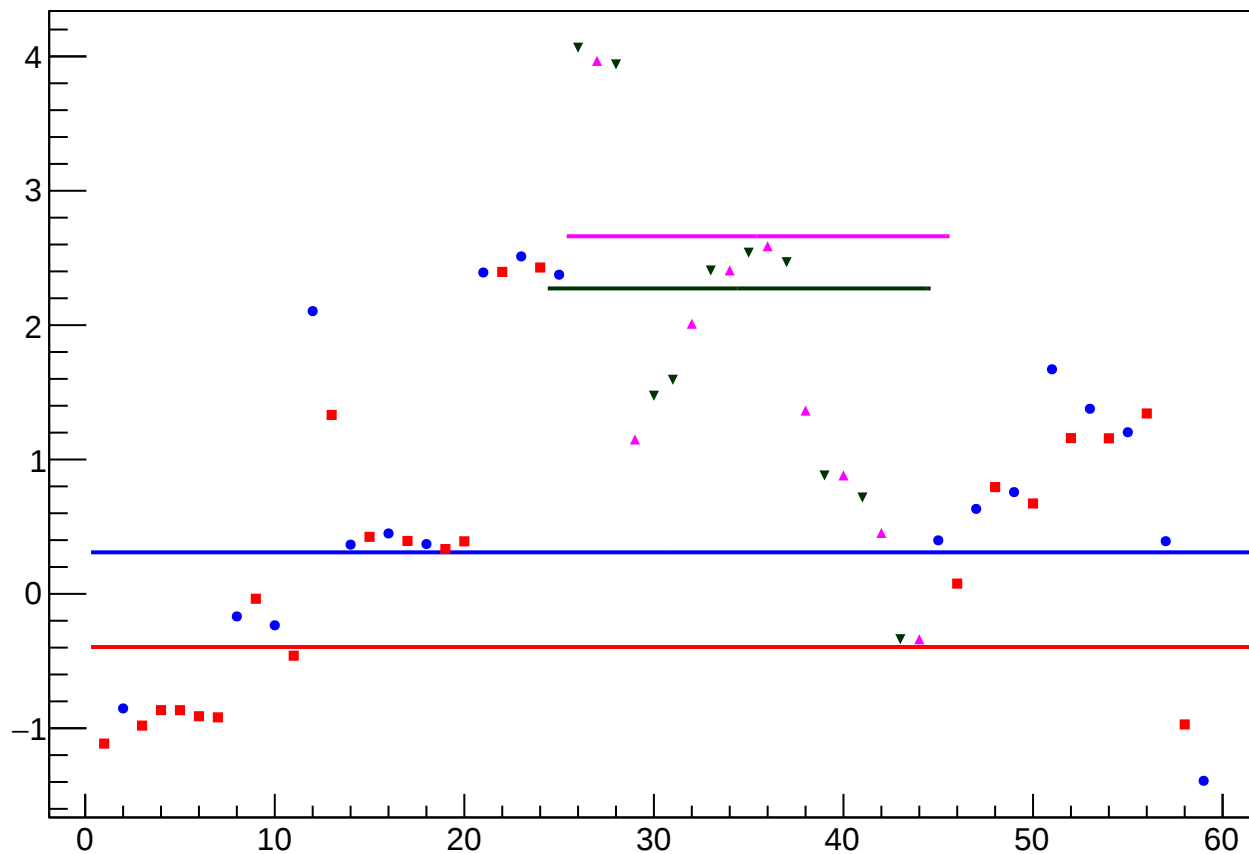
Left Out: 0.104 ± 0.000 $\chi^2/\text{NDF}: 1069454.4/9$

Right Out: 0.032 ± 0.000 $\chi^2/\text{NDF}: 2864748.2/21$

Left In: 0.096 ± 0.000 $\chi^2/\text{NDF}: 1064500.6/8$

0.039 ± 0.000 $\chi^2/\text{NDF}: 13754998.2/58$

yield_bpm1Y_mean vs slug



Right In: 0.309+/-0.000 χ^2/NDF : 7765616964.2/17

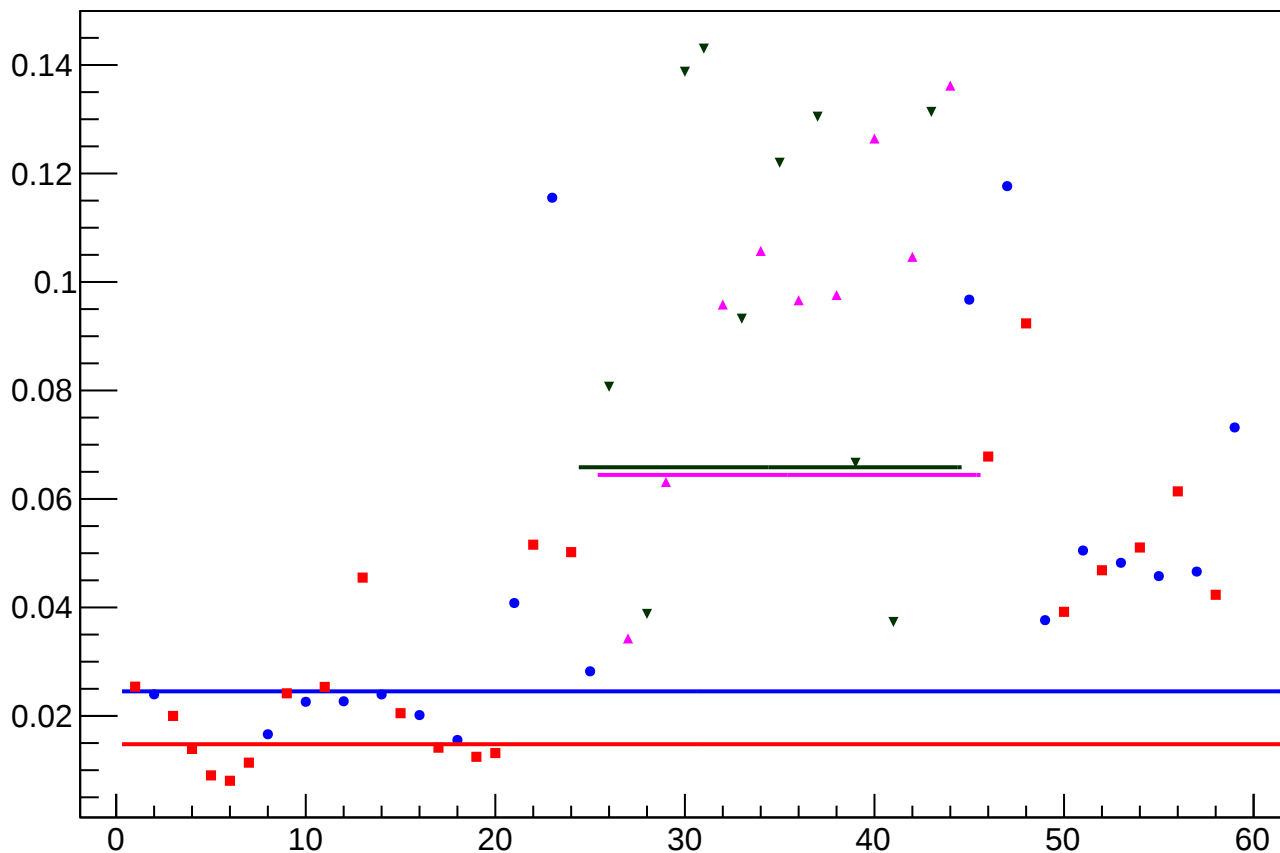
Left Out: 2.273+/-0.000 χ^2/NDF : 1459606873.3/9

Right Out: -0.395+/-0.000 χ^2/NDF : 12075936840.9/21

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

-0.078+/-0.000 χ^2/NDF : 36723326516.8/58

yield_bpm1Y_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 3788778.5/17

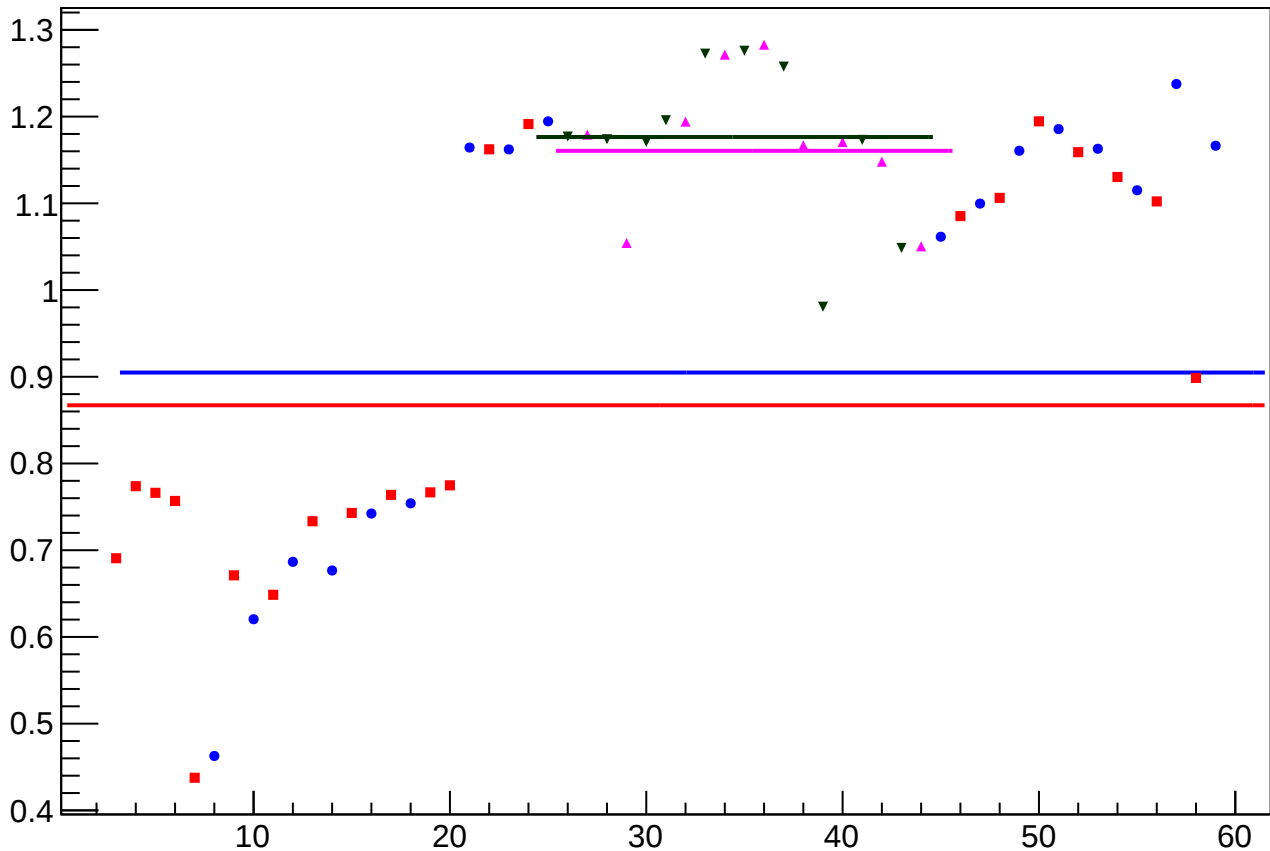
Left Out: 0.066+/-0.000 χ^2/NDF :1775612.2/9

Right Out: 0.015+/-0.000 χ^2/NDF : 5029147.1/21

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

0.020+/-0.000 χ^2/NDF : 20149037.1/58

yield_bpm11X_mean vs slug



Right In: 0.905 $\pm$ 0.000 χ^2 /NDF: 1496254476.4/16

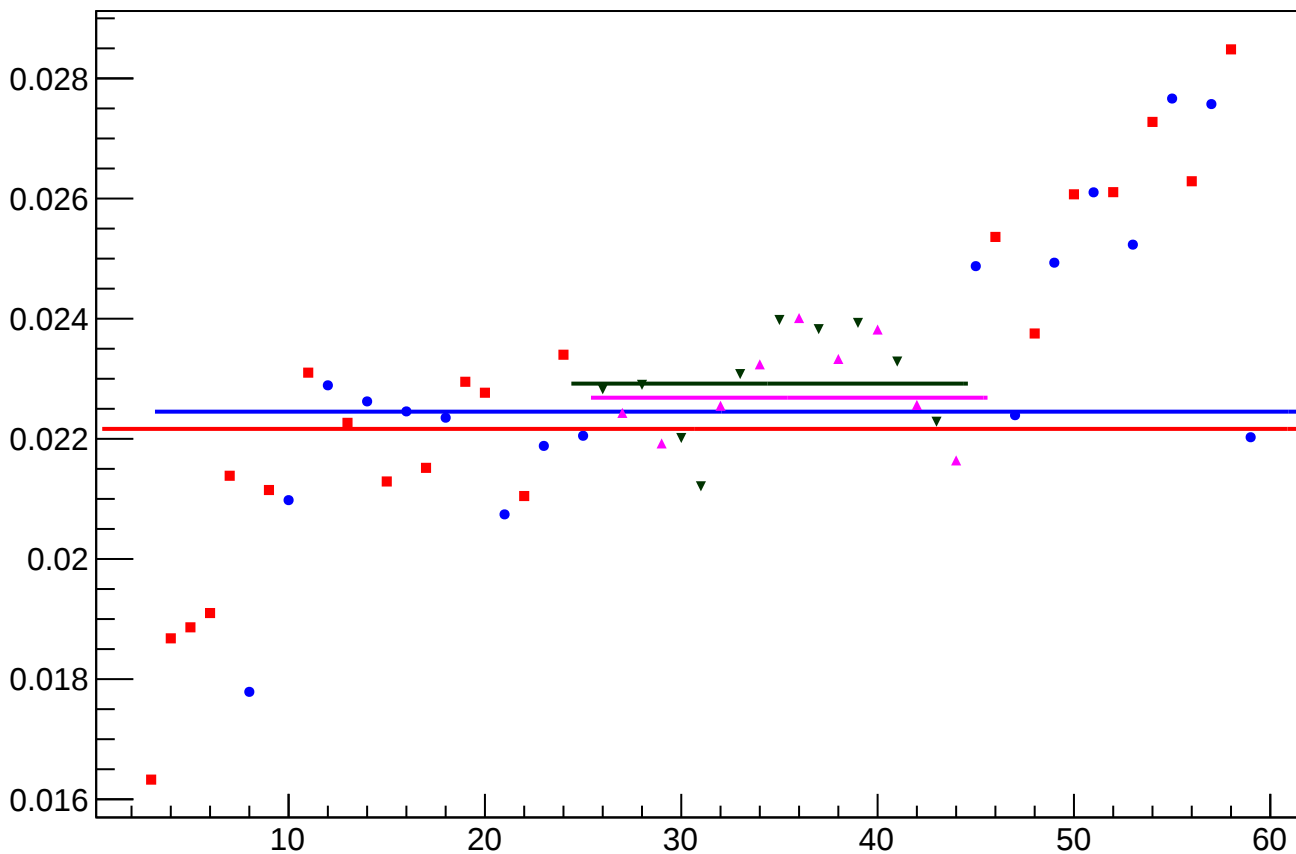
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF:66030727.8/9

0.982 $\pm$ 0.000 χ^2 /NDF: 3558823008.0/56

Right Out: 0.867 $\pm$ 0.000 χ^2 /NDF: 872598250.7/20

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF:58013078.5/8

yield_bpm11X_rms vs slug



Right In: 0.022 ± 0.000 χ^2/NDF : 255820.4/16

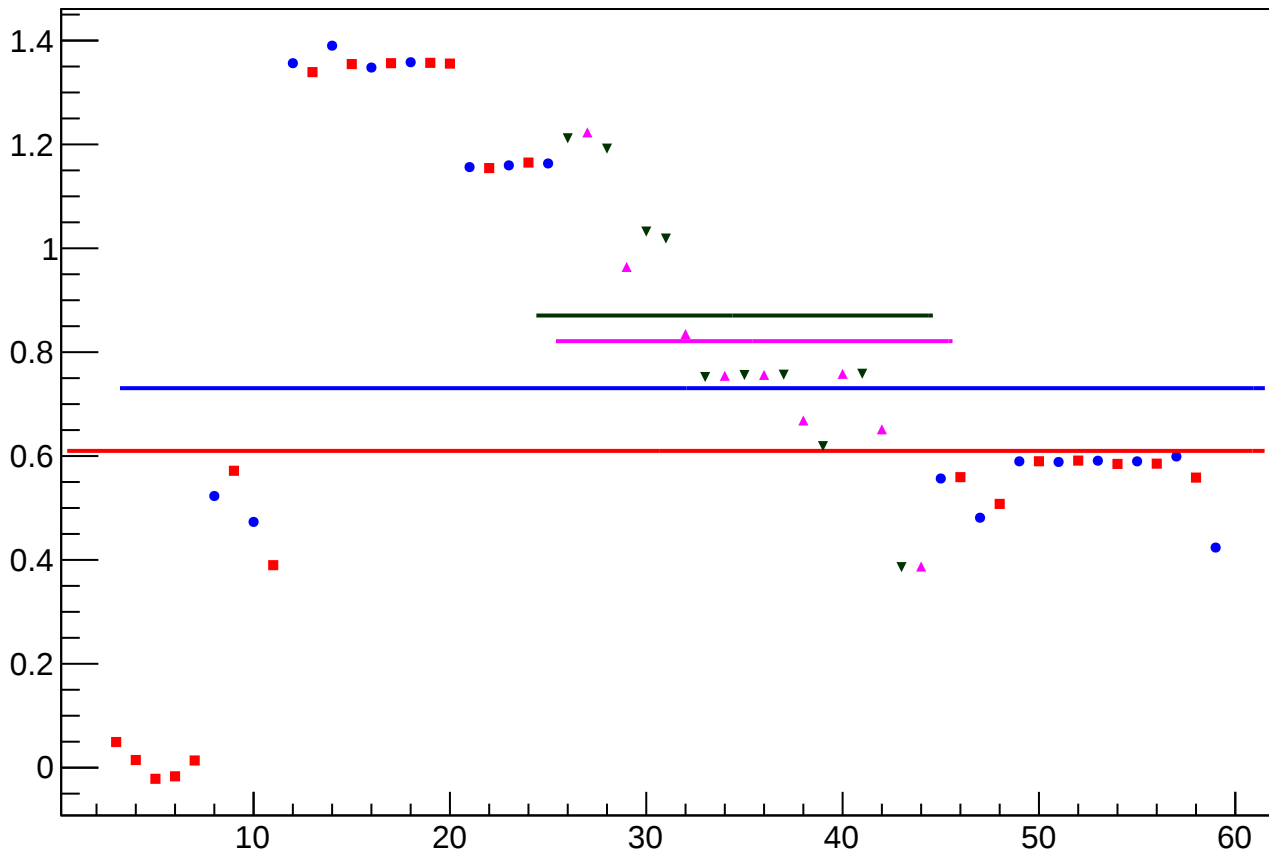
Left Out: 0.023 ± 0.000 χ^2/NDF : 12479.4/9

Right Out: 0.022 ± 0.000 χ^2/NDF : 335650.2/20

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

0.022 ± 0.000 χ^2/NDF : 623259.8/56

yield_bpm11Y_mean vs slug



Right In: 0.731+/-0.000 χ^2/NDF : 109805974895.0/16

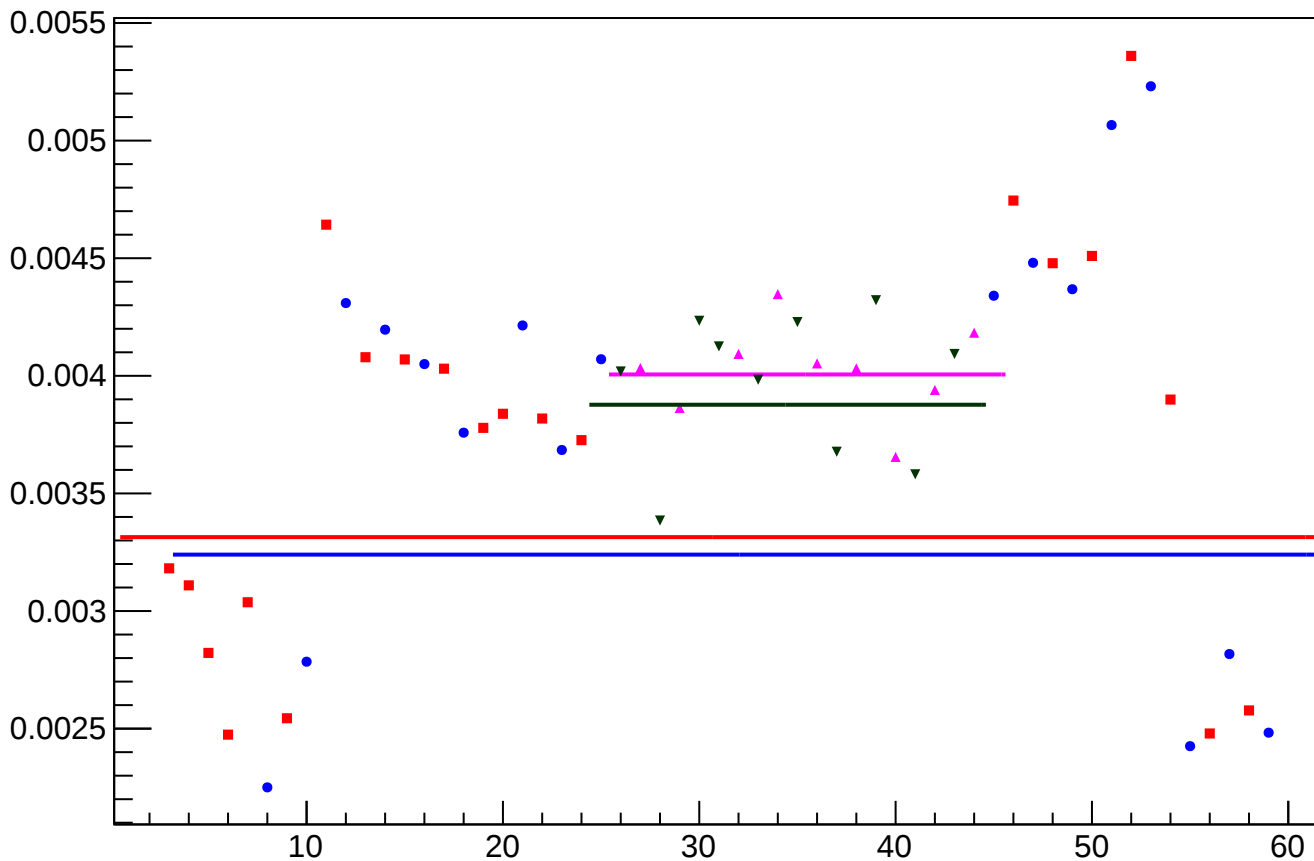
Left Out: 0.871+/-0.000 χ^2/NDF : 19713959128.0/9

0.721+/-0.000 χ^2/NDF : 340766678006.1/56

Right Out: 0.610+/-0.000 χ^2/NDF : 173531594648.0/20

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

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1480394.8/16

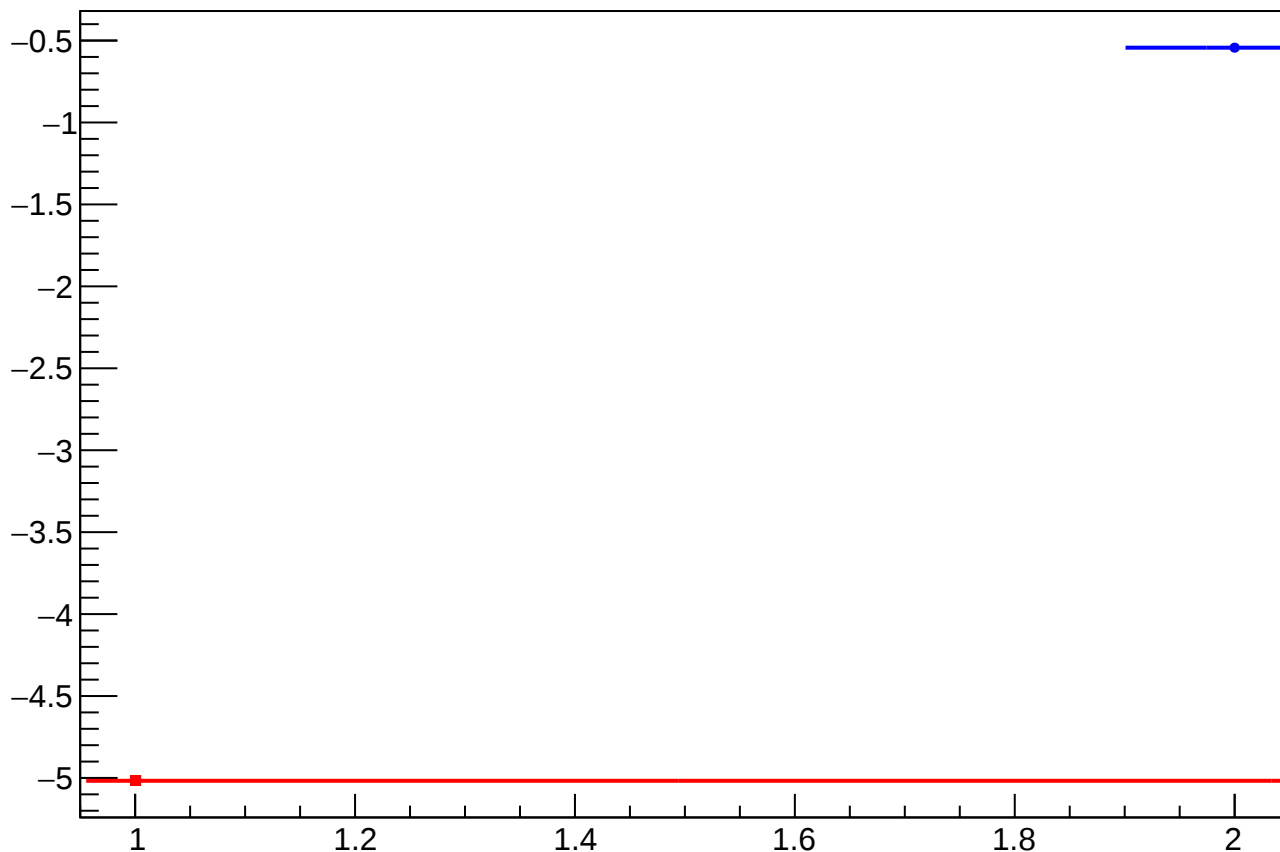
Left Out: 0.004+/-0.000 χ^2/NDF : 65331.5/9

0.003+/-0.000 χ^2/NDF : 3101944.6/56

Right Out: 0.003+/-0.000 χ^2/NDF : 1100159.0/20

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

yield_bpm14X_mean vs slug



Right In: -0.544 $\pm$ 0.000 χ^2/NDF : 0.0/0

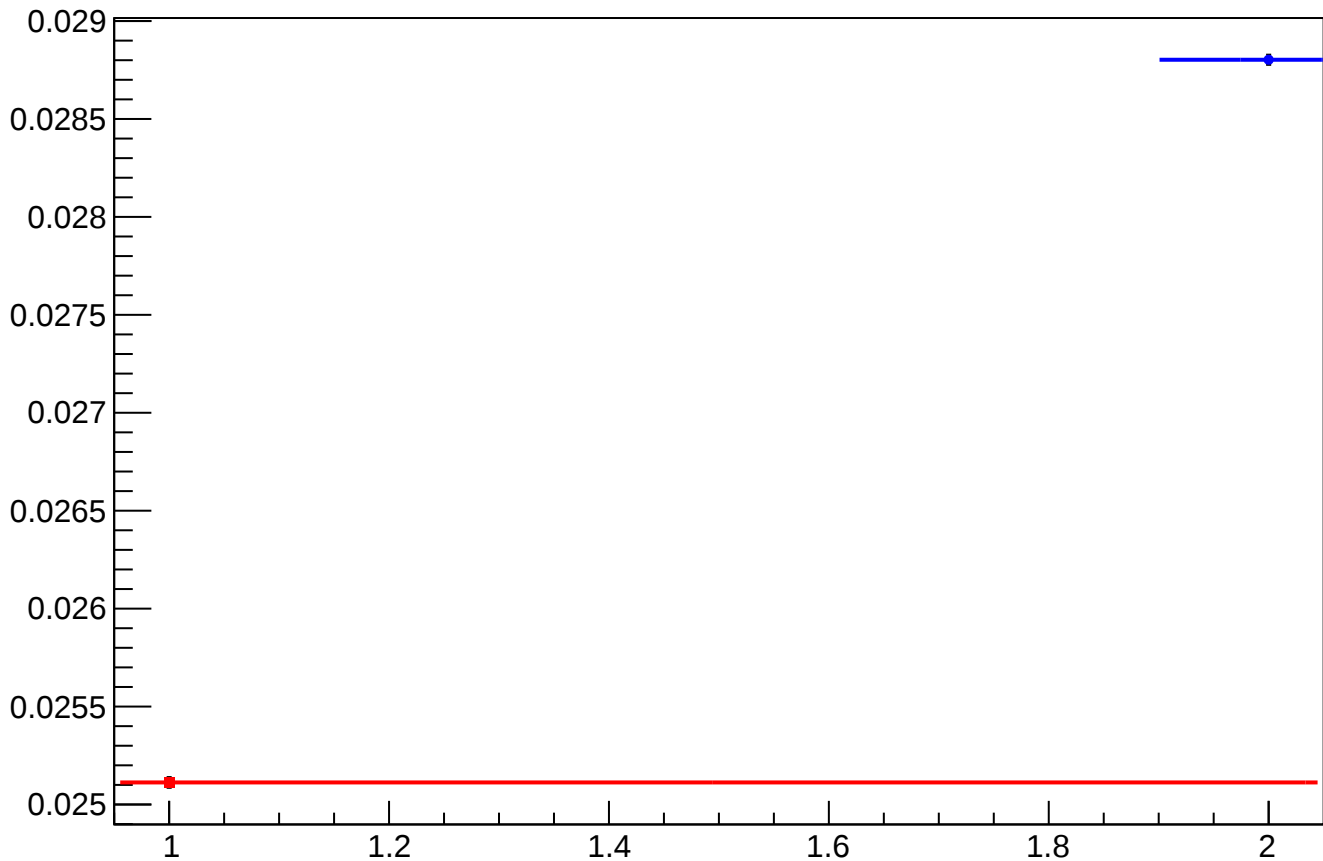
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -5.017 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

-2.662 $\pm$ 0.000 χ^2/NDF : 7035298574.8/1

yield_bpm14X_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 0.0/0

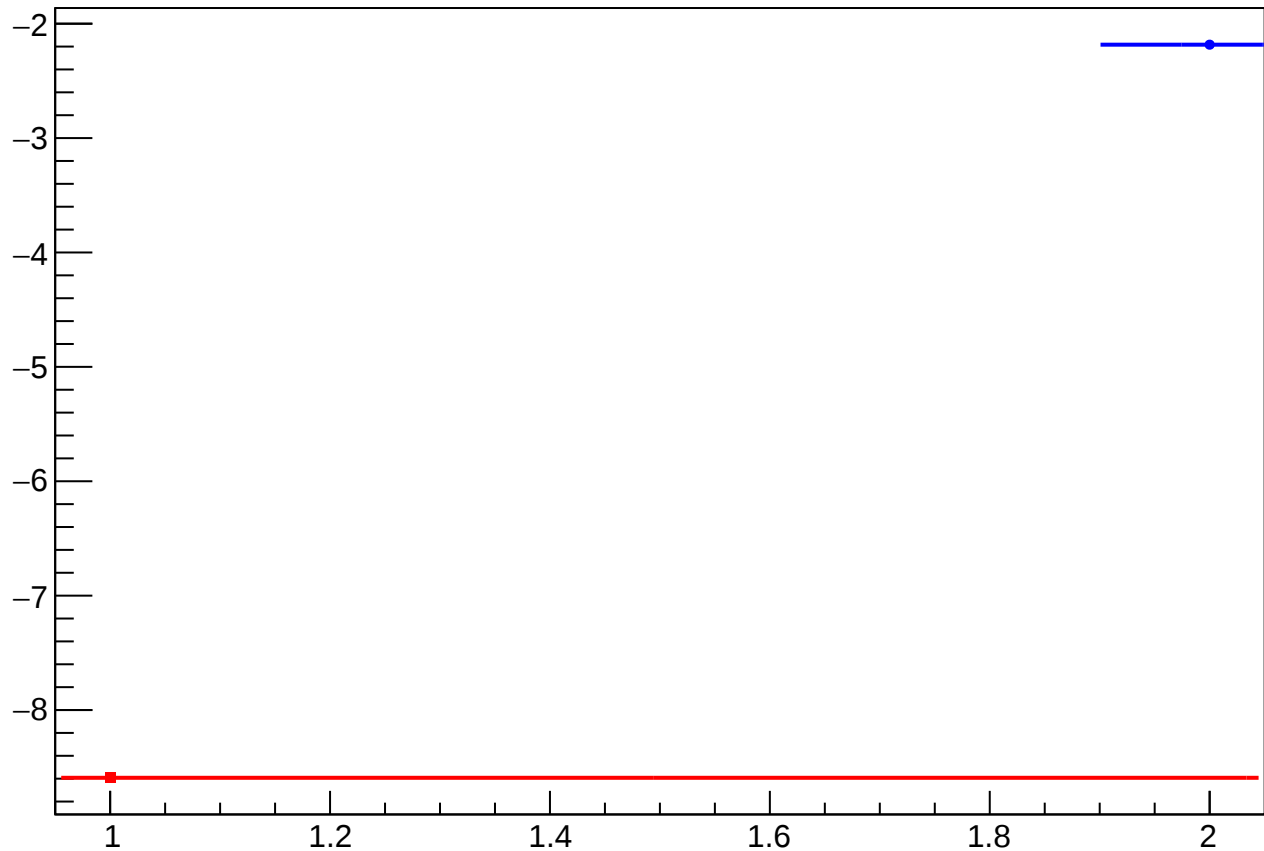
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.027+/-0.000 χ^2/NDF : 9570.9/1

yield_bpm14Y_mean vs slug



Right In: -2.183+/-0.000 χ^2/NDF : 0.0/0

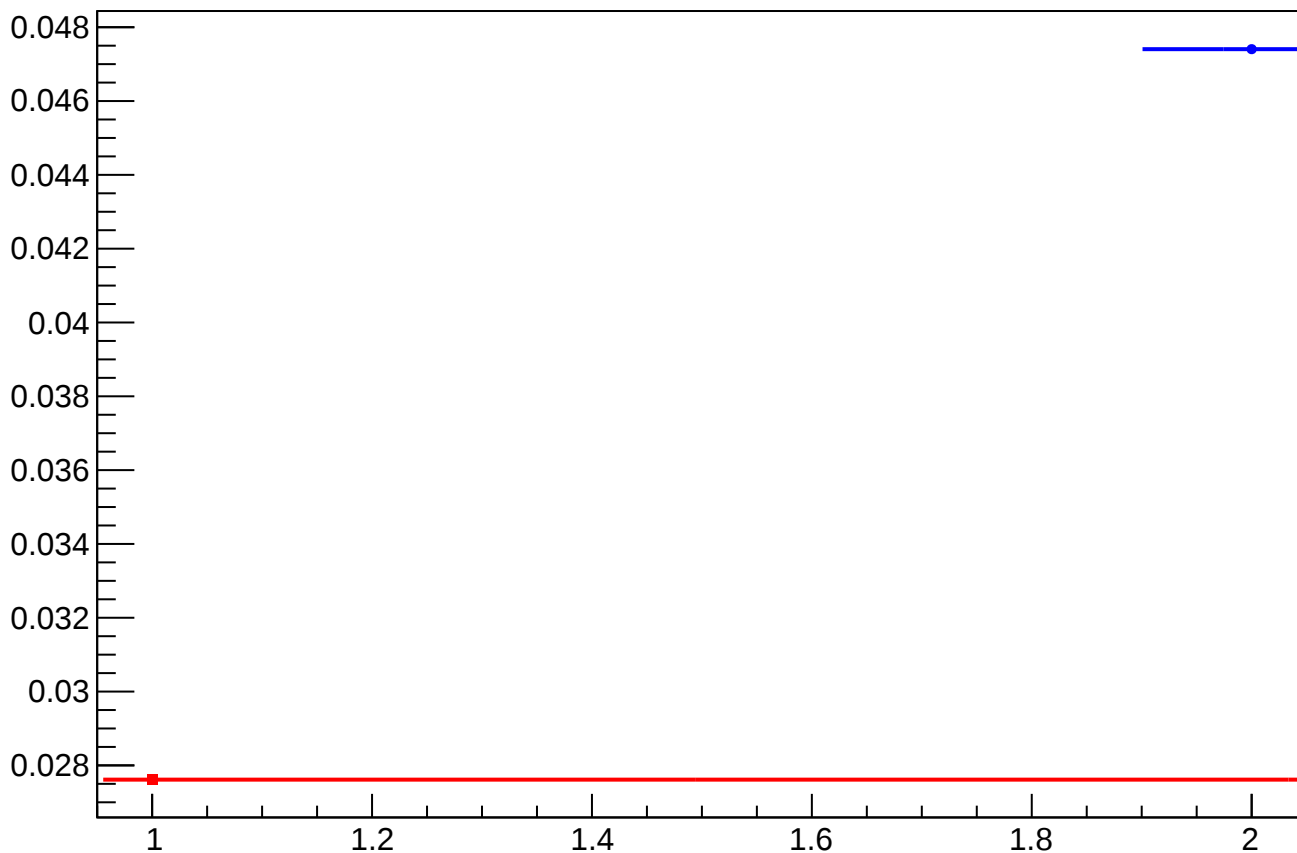
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.592+/-0.000 χ^2/NDF : 0.0/0

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

-6.176+/-0.000 χ^2/NDF : 7821070816.7/1

yield_bpm14Y_rms vs slug



Right In: 0.047+/-0.000 χ^2/NDF : 0.0/0

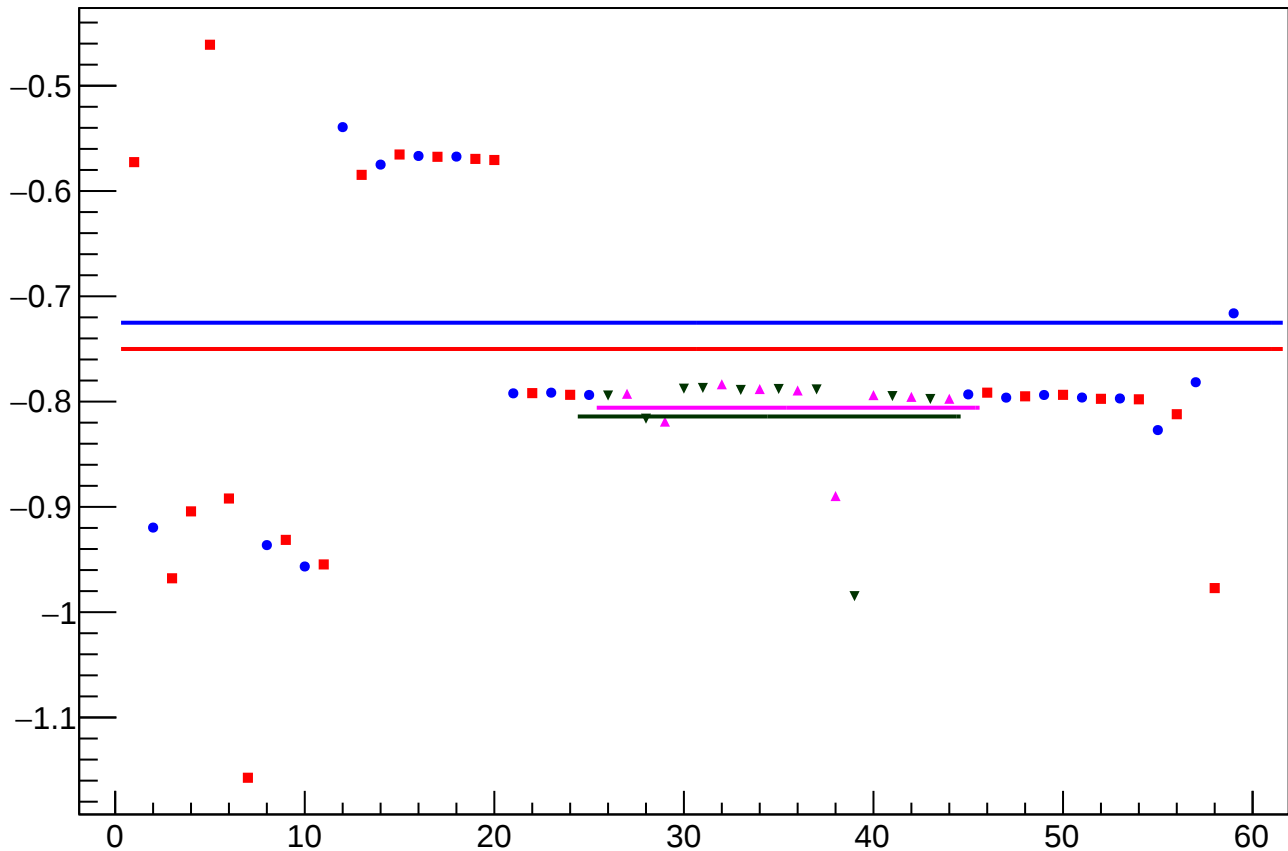
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.035+/-0.000 χ^2/NDF : 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.725 ± 0.000 χ^2/NDF : 2135875986.8/17

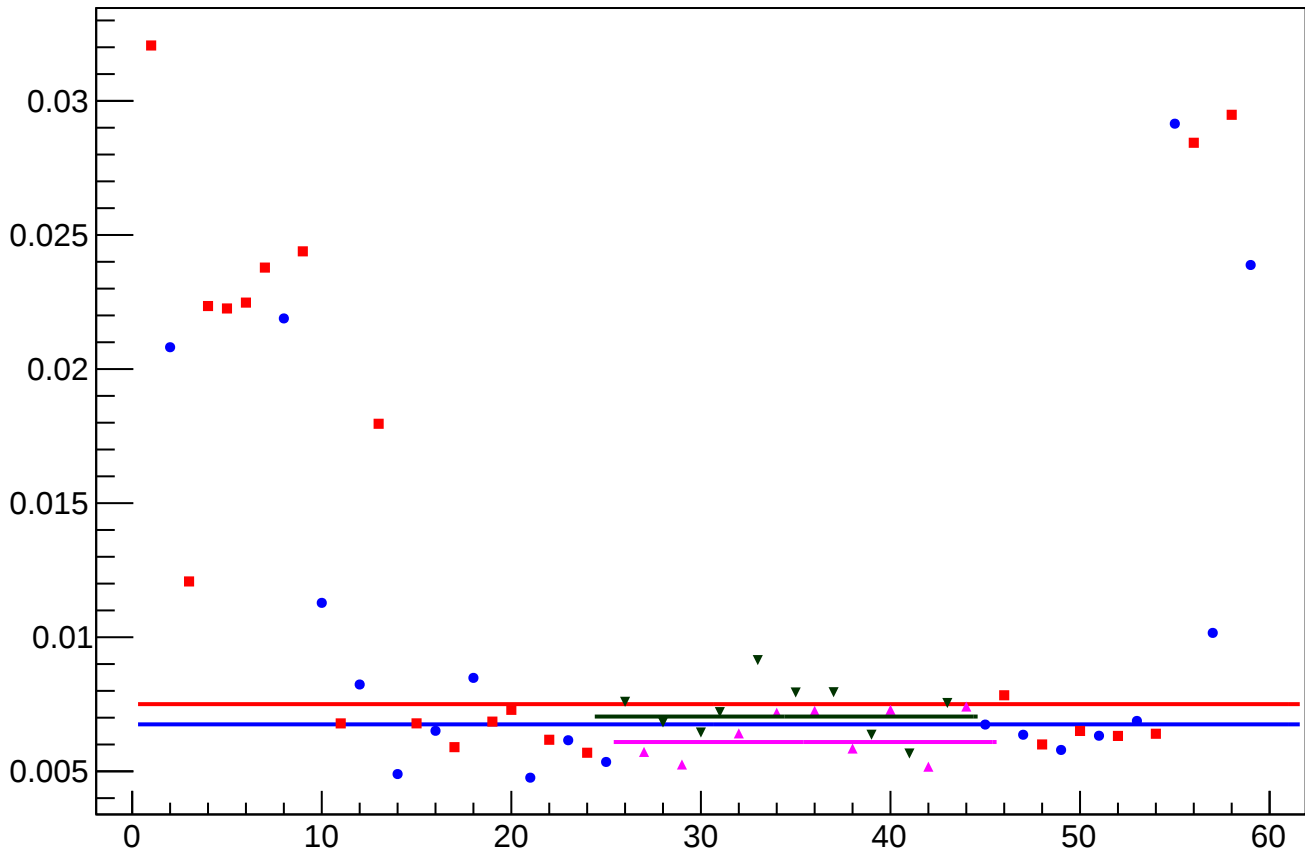
Left Out: -0.814 ± 0.000 χ^2/NDF : 256384261.5/9

-0.766 ± 0.000 χ^2/NDF : 5142159367.2/58

Right Out: -0.750 ± 0.000 χ^2/NDF : 2018513601.9/21

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

yield_bpm12X_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 3666855.7/17

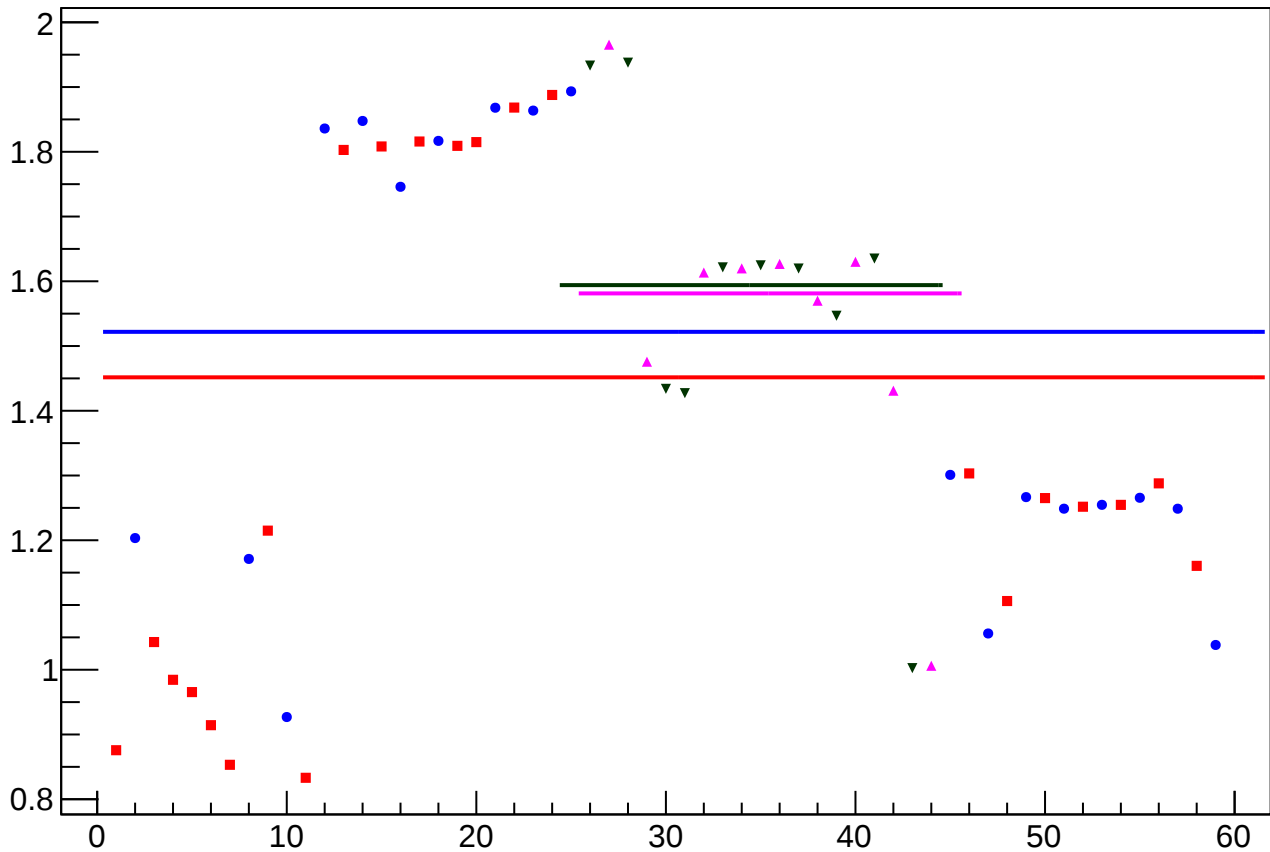
Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:134724.6/9

0.007 $\pm$ 0.000 χ^2 /NDF: 8371395.0/58

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 4196276.3/21

Left In: 0.006 $\pm$ 0.000 χ^2 /NDF:142799.7/8

yield_bpm12Y_mean vs slug



Right In: 1.522+/-0.000 χ^2/NDF : 20796999957.5/17

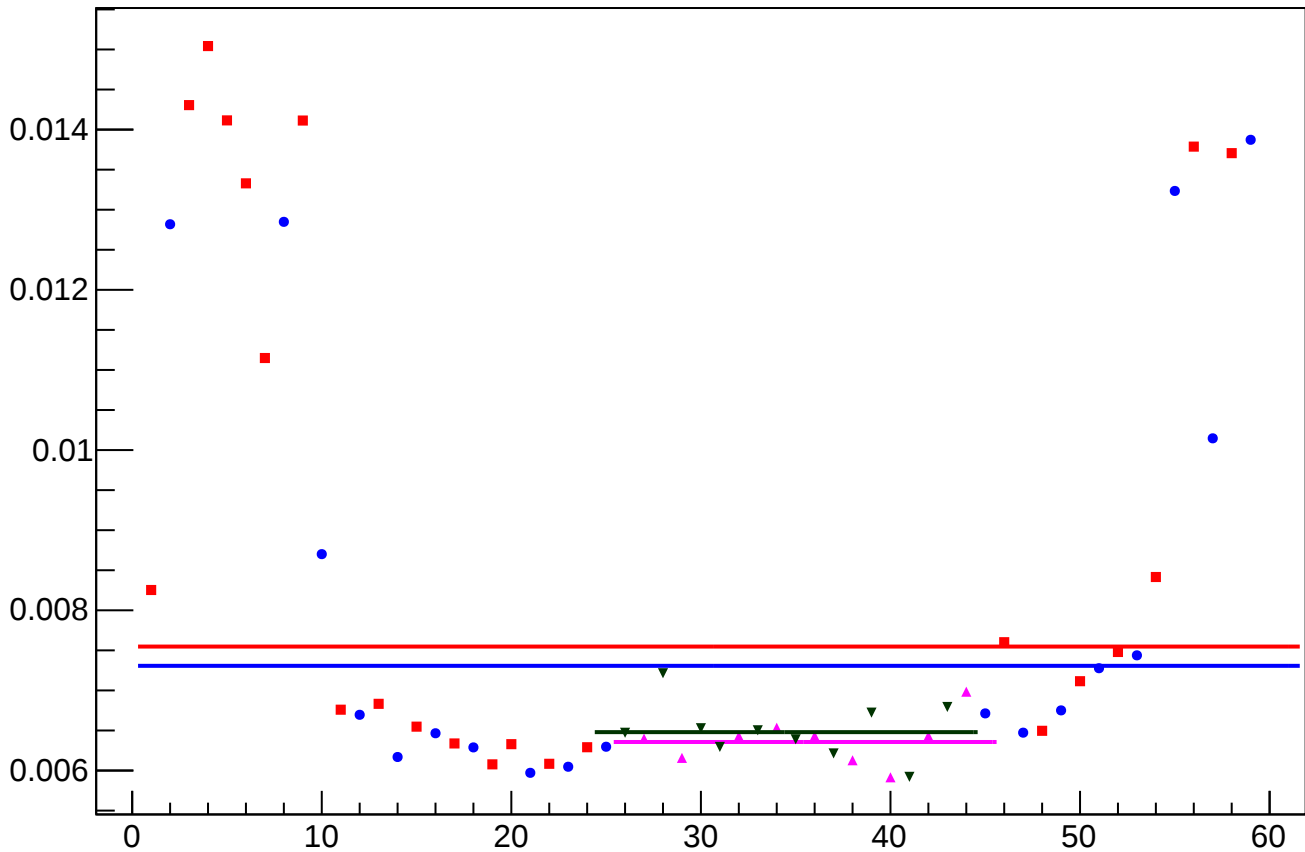
Left Out: 1.594+/-0.000 χ^2/NDF : 6691352437.6/9

1.530+/-0.000 χ^2/NDF : 60128437322.1/58

Right Out: 1.452+/-0.000 χ^2/NDF : 24114686590.9/21

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 : 1523008.8/17

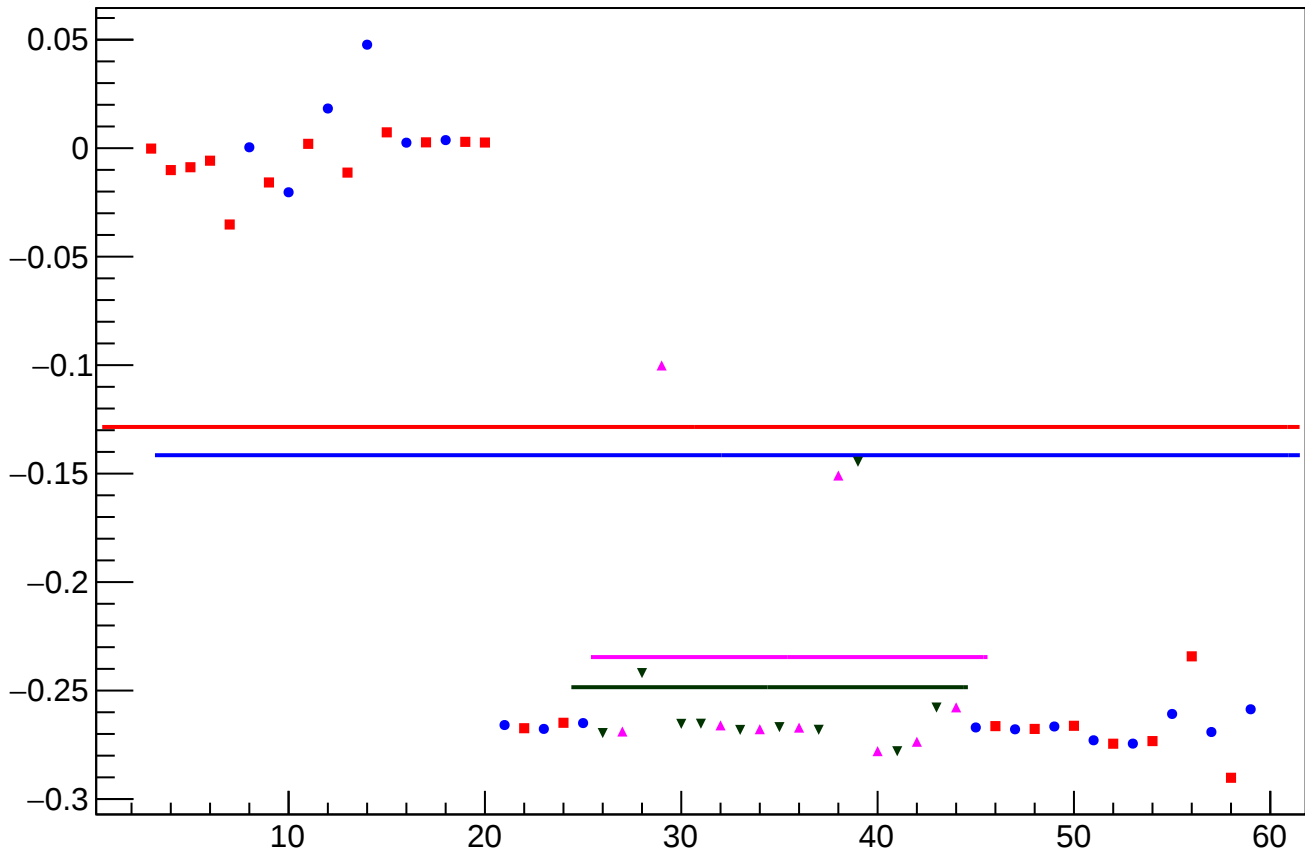
Left Out: 0.006+/-0.000 χ^2/NDF : 27801.2/9

0.007+/-0.000 χ^2/NDF : 3510513.4/58

Right Out: 0.008+/-0.000 χ^2/NDF : 1647671.1/21

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

yield_bpm16X_mean vs slug



Right In: -0.142+/-0.000 χ^2/NDF : 7084984076.1/16

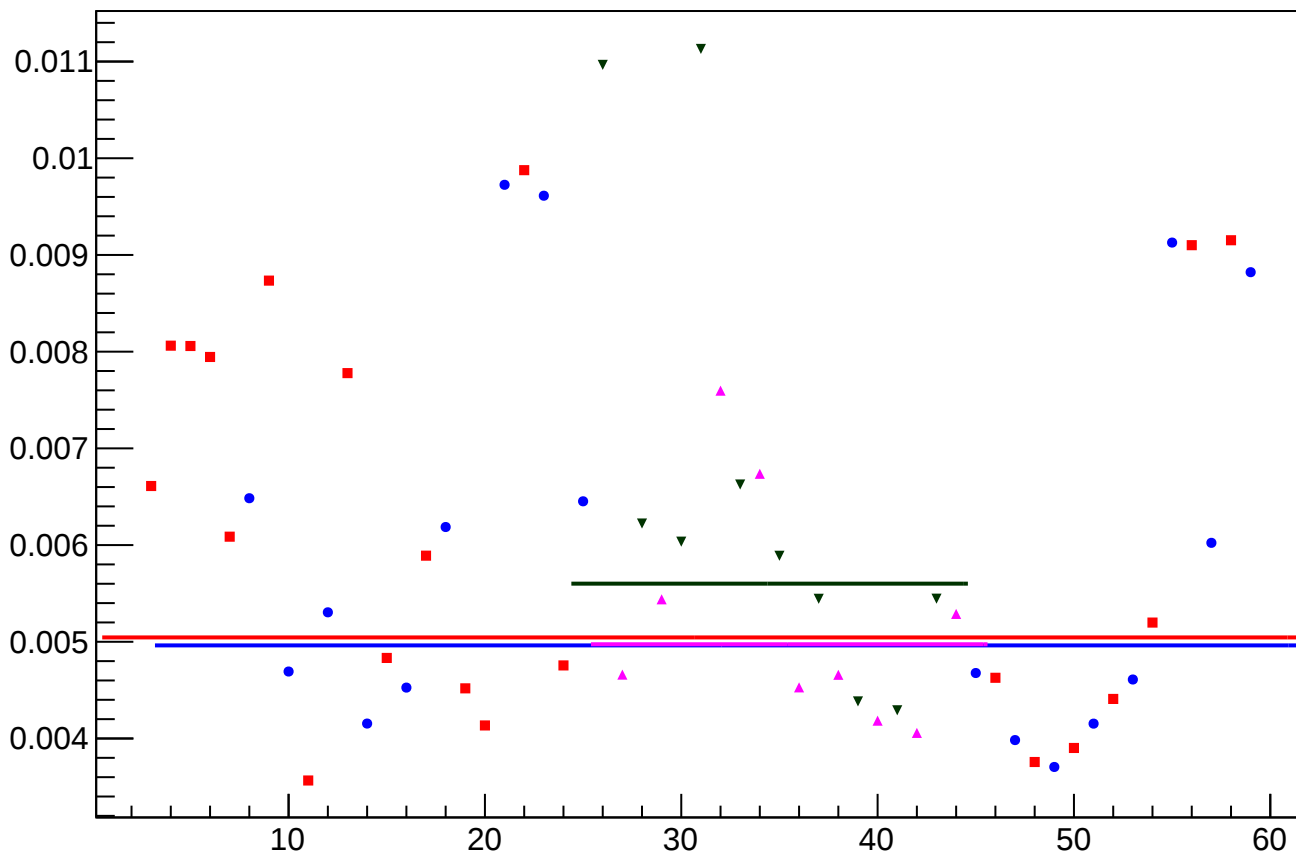
Left Out: -0.248+/-0.000 χ^2/NDF : 259449025.3/9

-0.170+/-0.000 χ^2/NDF : 16368537143.2/56

Right Out: -0.128+/-0.000 χ^2/NDF : 5738299455.5/20

Left In: -0.235+/-0.000 χ^2/NDF : 786946325.9/8

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1538310.7/16

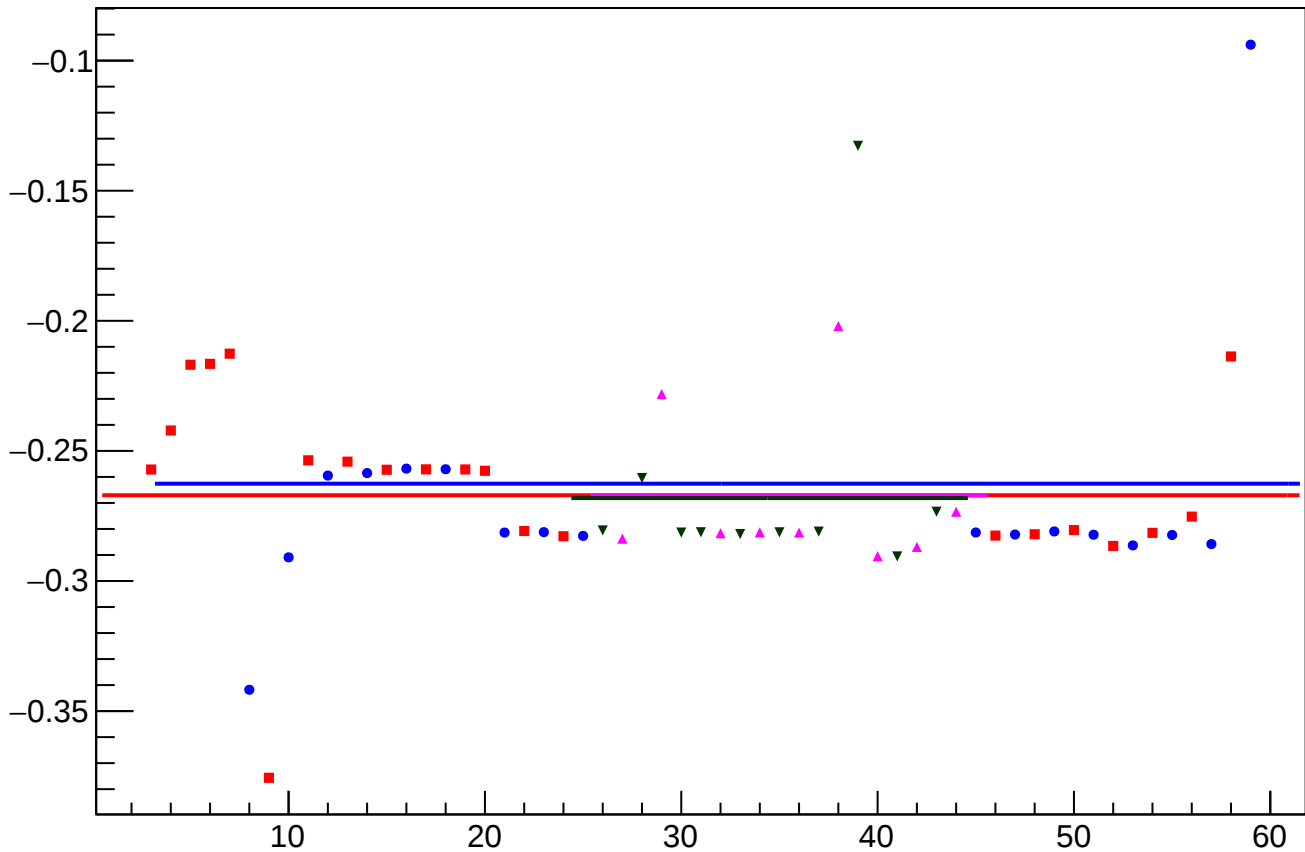
Left Out: 0.006+/-0.000 χ^2/NDF : 602560.3/9

Right Out: 0.005+/-0.000 χ^2/NDF : 1811282.8/20

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

0.005+/-0.000 χ^2/NDF : 4405141.7/56

yield_bpm16Y_mean vs slug



Right In: -0.263+/-0.000 χ^2/NDF : 6965076435.7/16

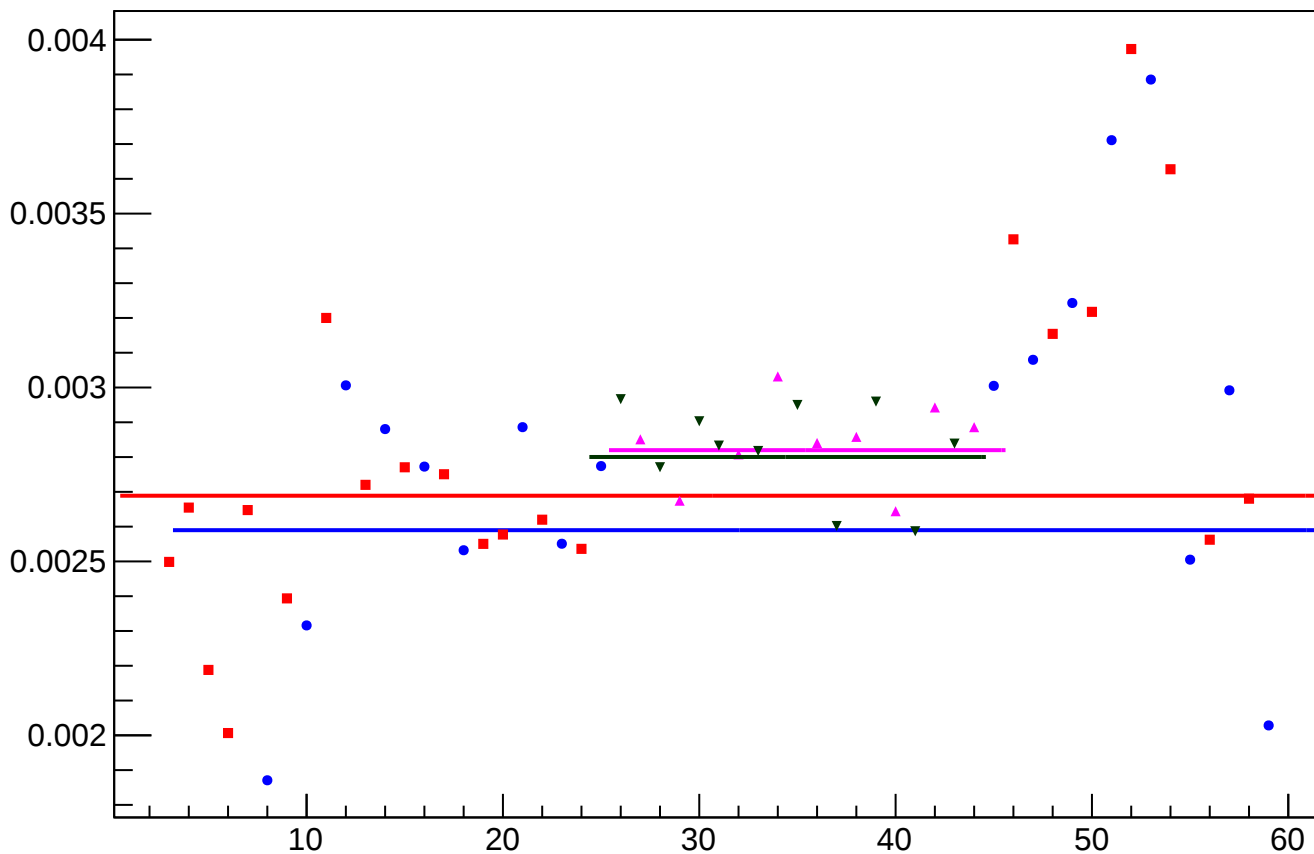
Left Out: -0.268+/-0.000 χ^2/NDF : 960438127.5/9

-0.266+/-0.000 χ^2/NDF : 10802434845.7/56

Right Out: -0.267+/-0.000 χ^2/NDF : 2301420018.6/20

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

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 761956.7/16

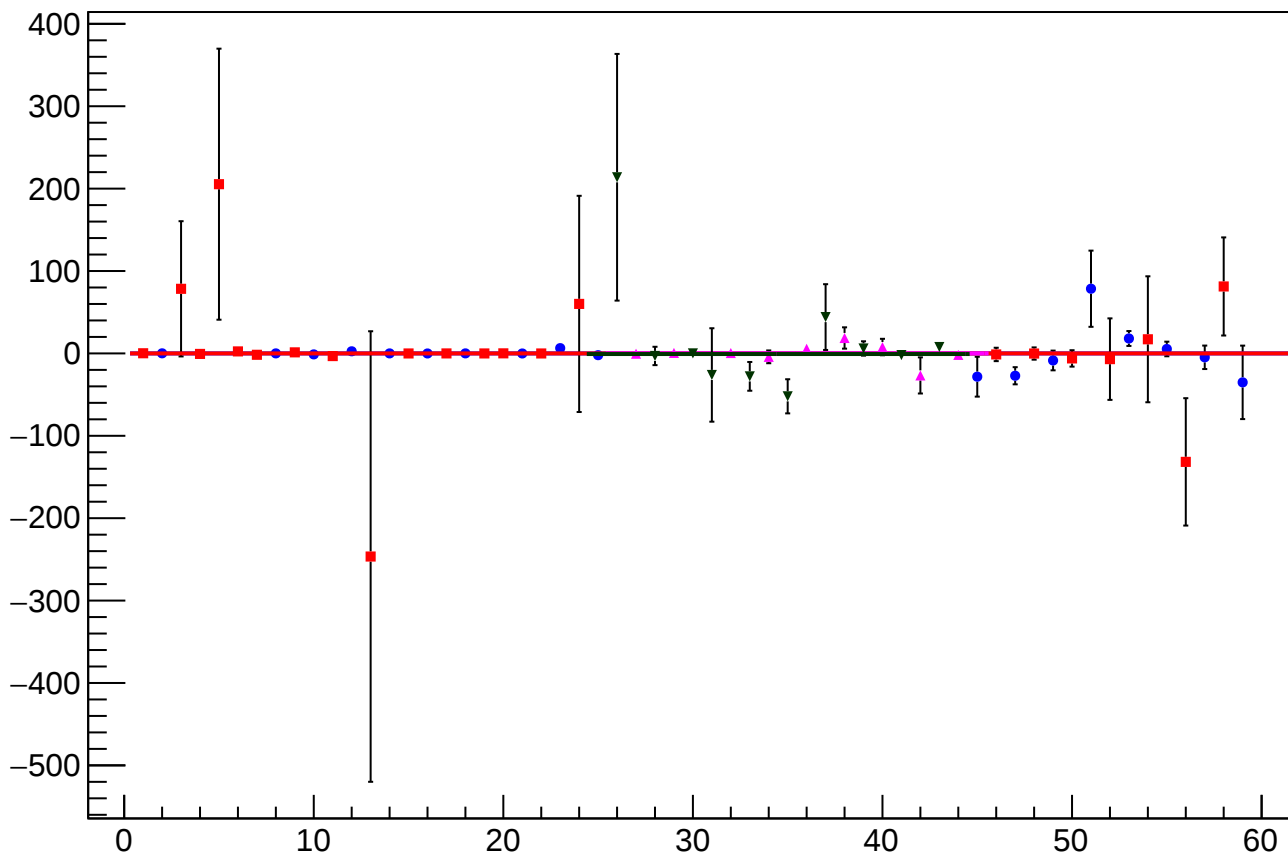
Left Out: 0.003+/-0.000 χ^2/NDF : 23694.6/9

Right Out: 0.003+/-0.000 χ^2/NDF : 472887.9/20

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

0.003+/-0.000 χ^2/NDF : 1342539.5/56

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 34.5/17

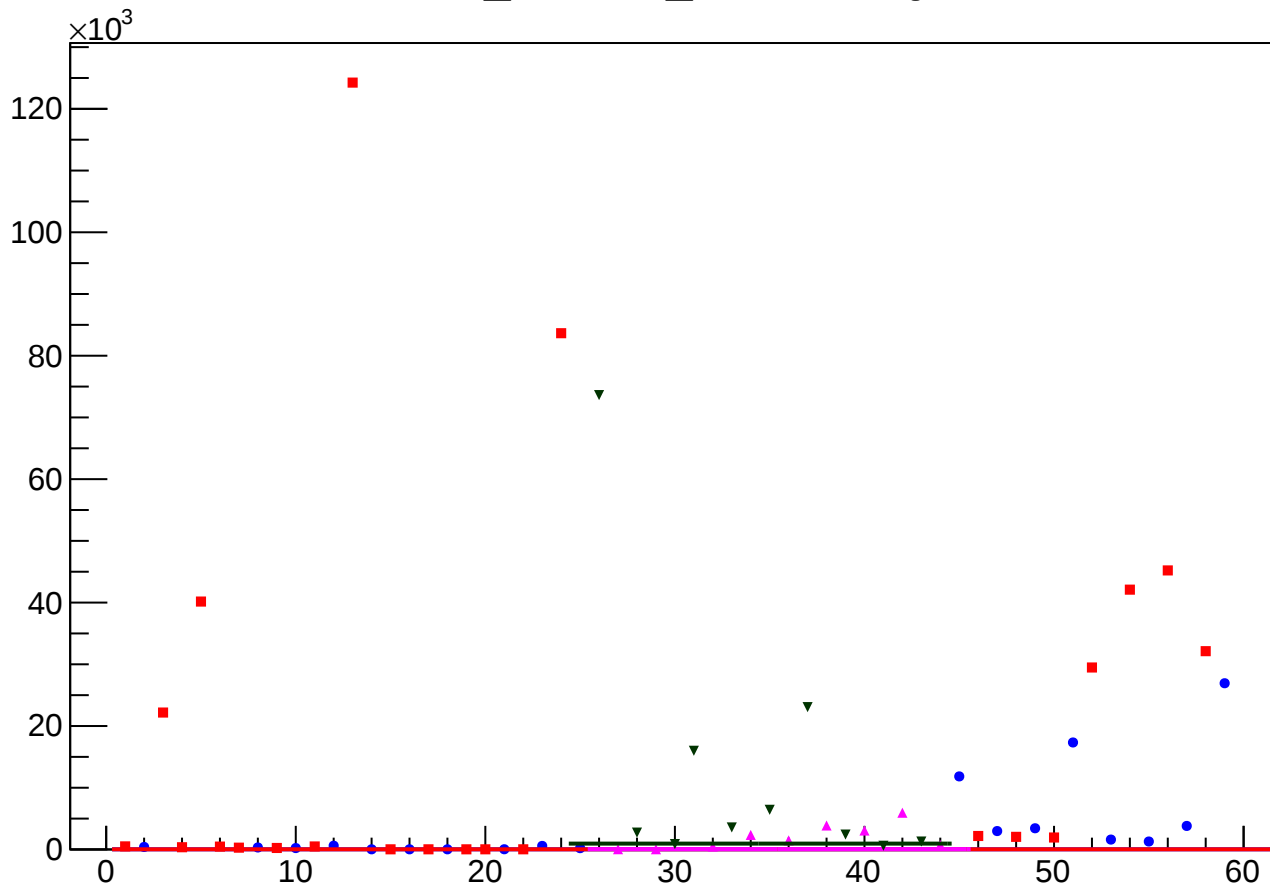
Left Out: -0.755 ± 1.557 χ^2/NDF : 15.9/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 27.2/21

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

-0.013 ± 0.011 χ^2/NDF : 94.0/58

diff_cav4bX_rms vs slug



Right In: 22.489 ± 0.011 $\chi^2/\text{NDF}: 2816257.0/17$

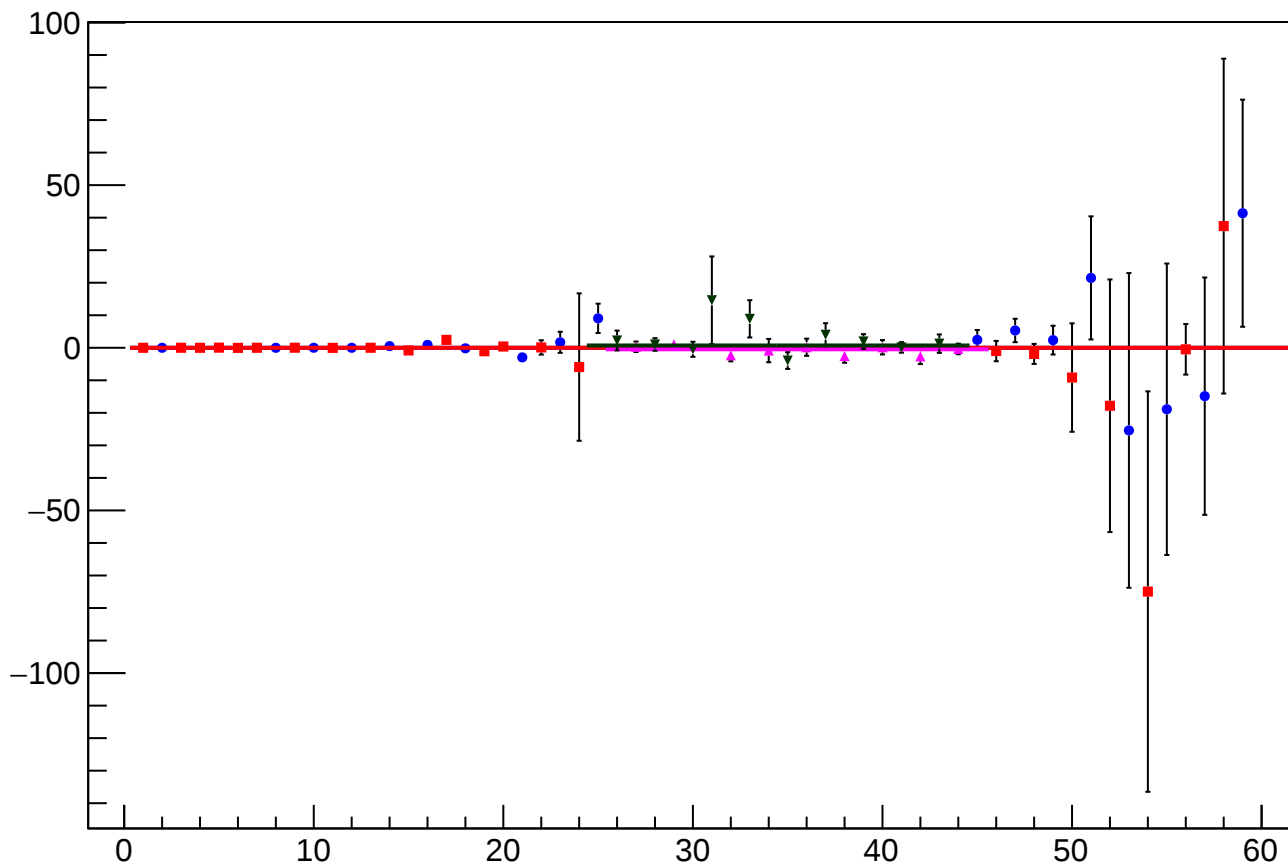
Left Out: 946.747 ± 1.101 $\chi^2/\text{NDF}: 1585820.7/9$

Right Out: 22.899 ± 0.012 $\chi^2/\text{NDF}: 5034220.9/21$

Left In: 61.511 ± 0.119 $\chi^2/\text{NDF}: 1573172.2/8$

22.896 ± 0.008 $\chi^2/\text{NDF}: 11820228.5/58$

diff_cav4bY_mean vs slug



Right In: 0.000 ± 0.006 $\chi^2/\text{NDF}: 22.7/17$

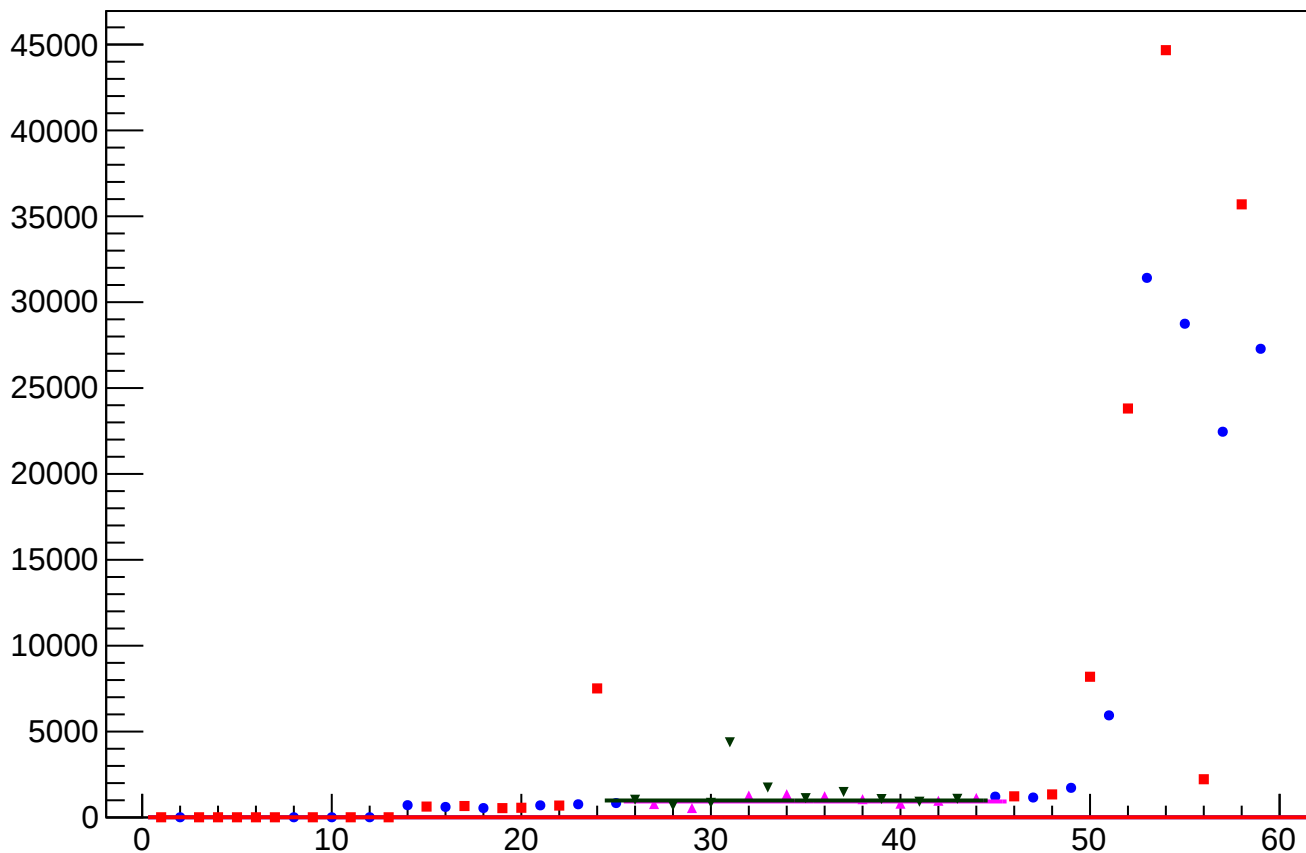
Left Out: 0.707 ± 0.808 $\chi^2/\text{NDF}: 8.2/9$

Right Out: -0.002 ± 0.005 $\chi^2/\text{NDF}: 20.4/21$

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

-0.001 ± 0.004 $\chi^2/\text{NDF}: 57.1/58$

diff_cav4bY_rms vs slug



Right In: 10.611+/-0.004 χ^2 /NDF: 8500570.8/17

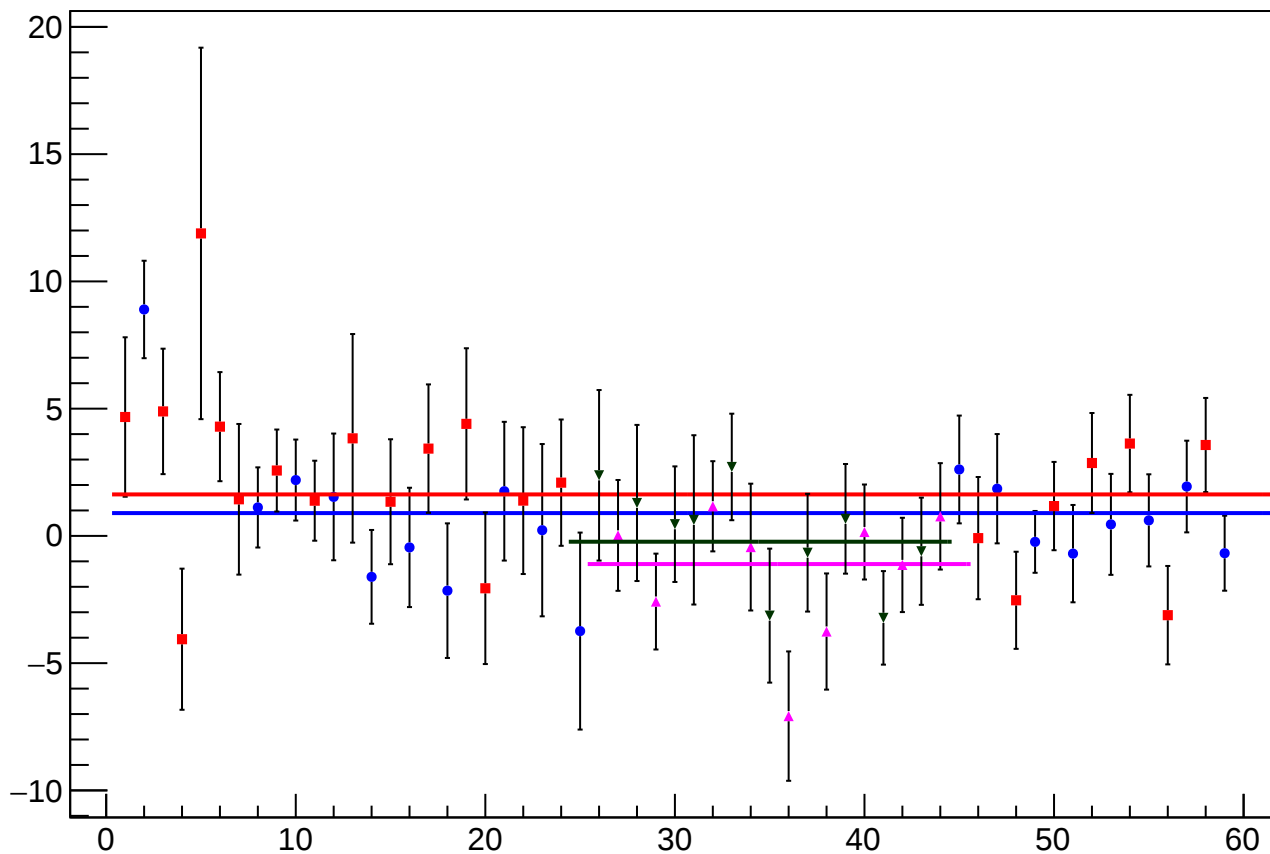
Left Out: 987.900+/-0.571 χ^2 /NDF: 270892.3/9

Right Out: 9.972+/-0.003 χ^2 /NDF: 6677883.5/21

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

10.286+/-0.003 χ^2 /NDF: 22848865.6/58

diff_cav4cX_mean vs slug



Right In: 0.896 ± 0.454 χ^2/NDF : 27.3/17

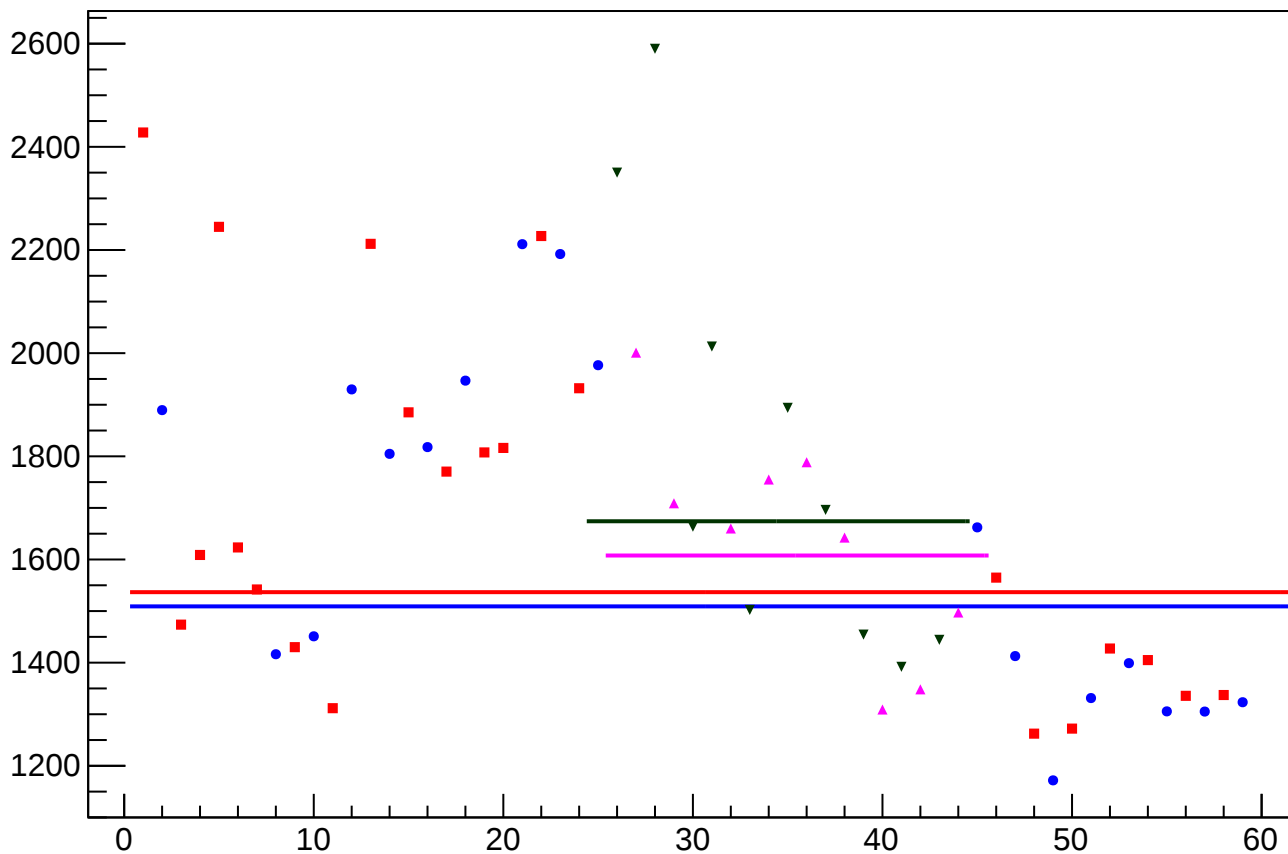
Left Out: -0.229 ± 0.750 χ^2/NDF : 7.1/9

Right Out: 1.630 ± 0.482 χ^2/NDF : 28.0/21

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

0.659 ± 0.277 χ^2/NDF : 85.4/58

diff_cav4cX_rms vs slug



Right In: 1509.099+/-0.321 χ^2 /NDF: 804920.0/17

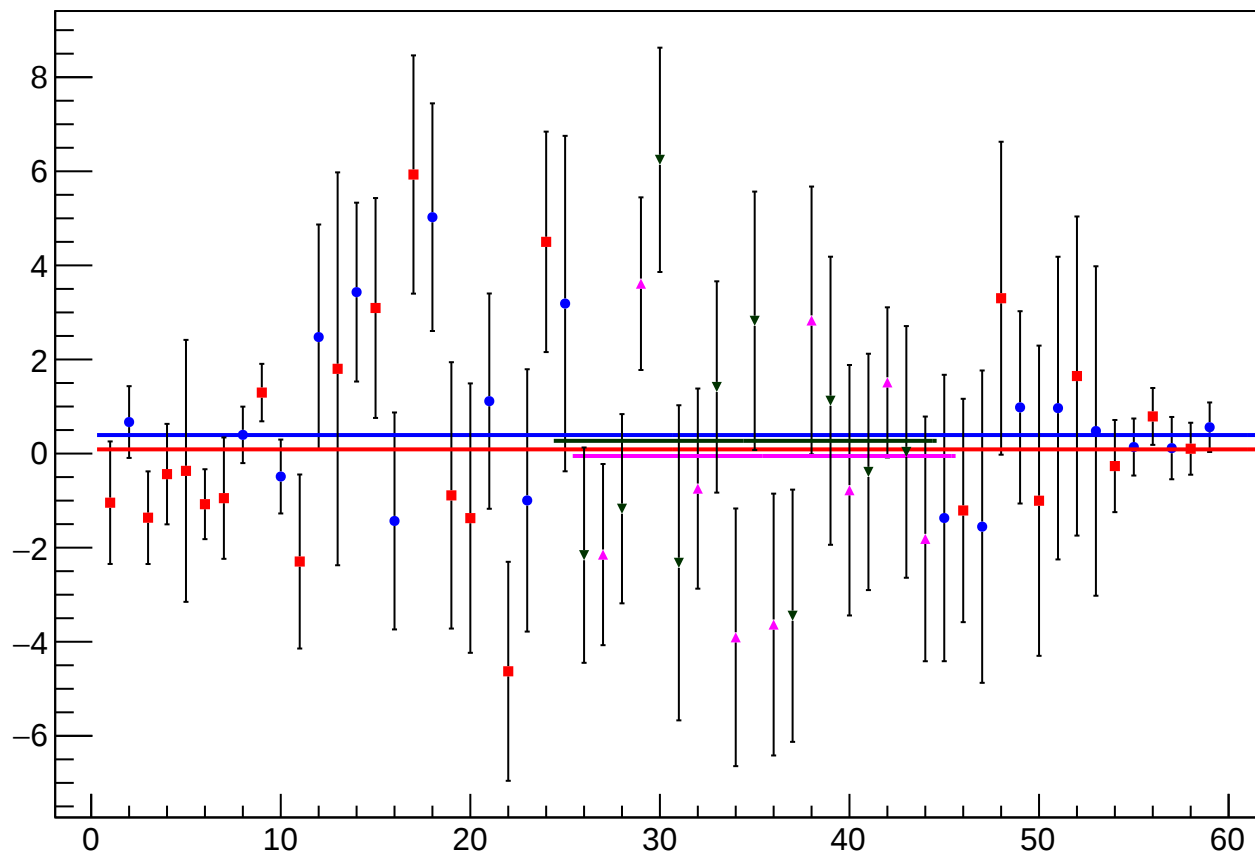
Left Out: 1674.116+/-0.531 χ^2 /NDF:399958.8/9

Right Out: 1536.659+/-0.341 χ^2 /NDF: 696394.8/21

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

1556.663+/-0.196 χ^2 /NDF: 2173148.4/58

diff_cav4cY_mean vs slug



Right In: 0.394 ± 0.246 χ^2/NDF : 11.2/17

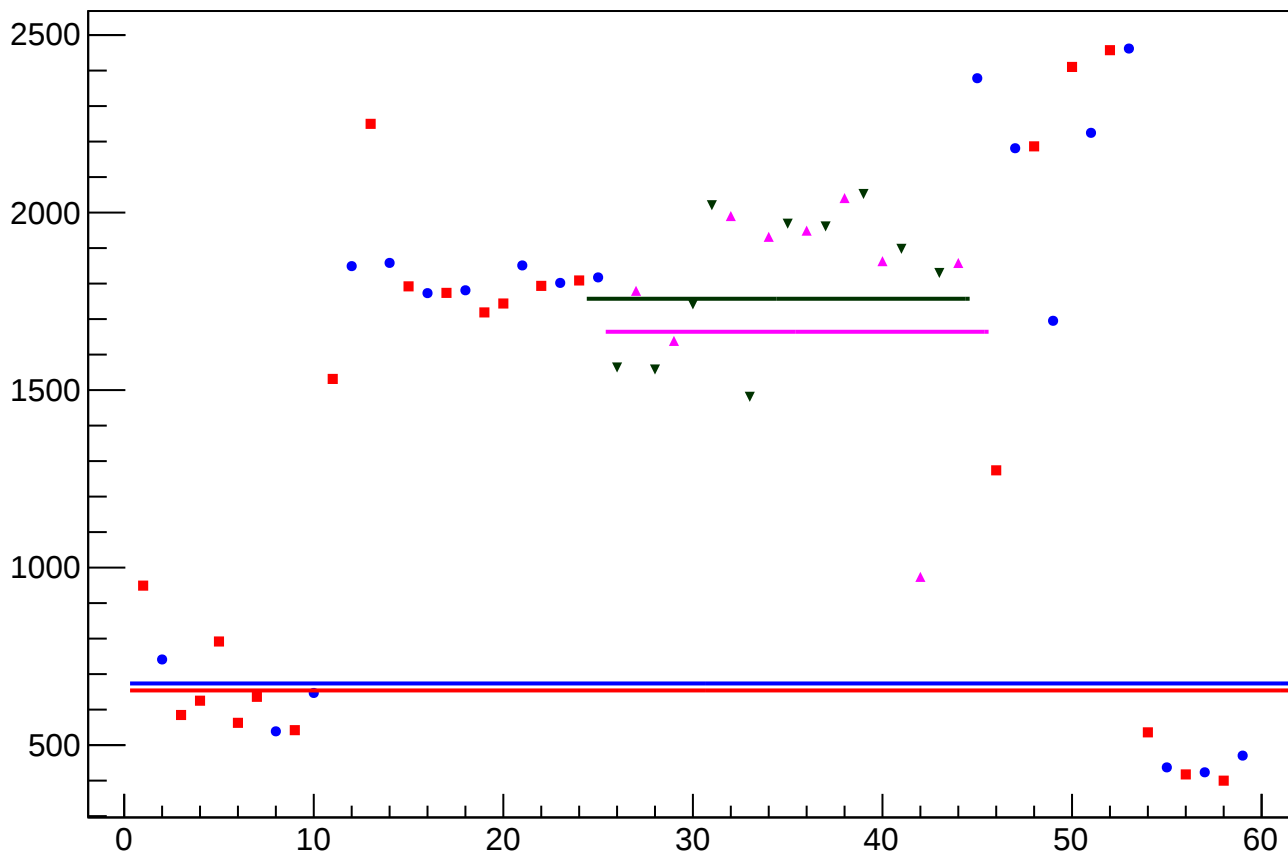
Left Out: 0.271 ± 0.796 χ^2/NDF : 11.7/9

Right Out: 0.089 ± 0.246 χ^2/NDF : 30.1/21

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

0.228 ± 0.165 χ^2/NDF : 65.4/58

diff_cav4cY_rms vs slug



Right In: 673.639+/-0.174 χ^2/NDF : 6730155.3/17

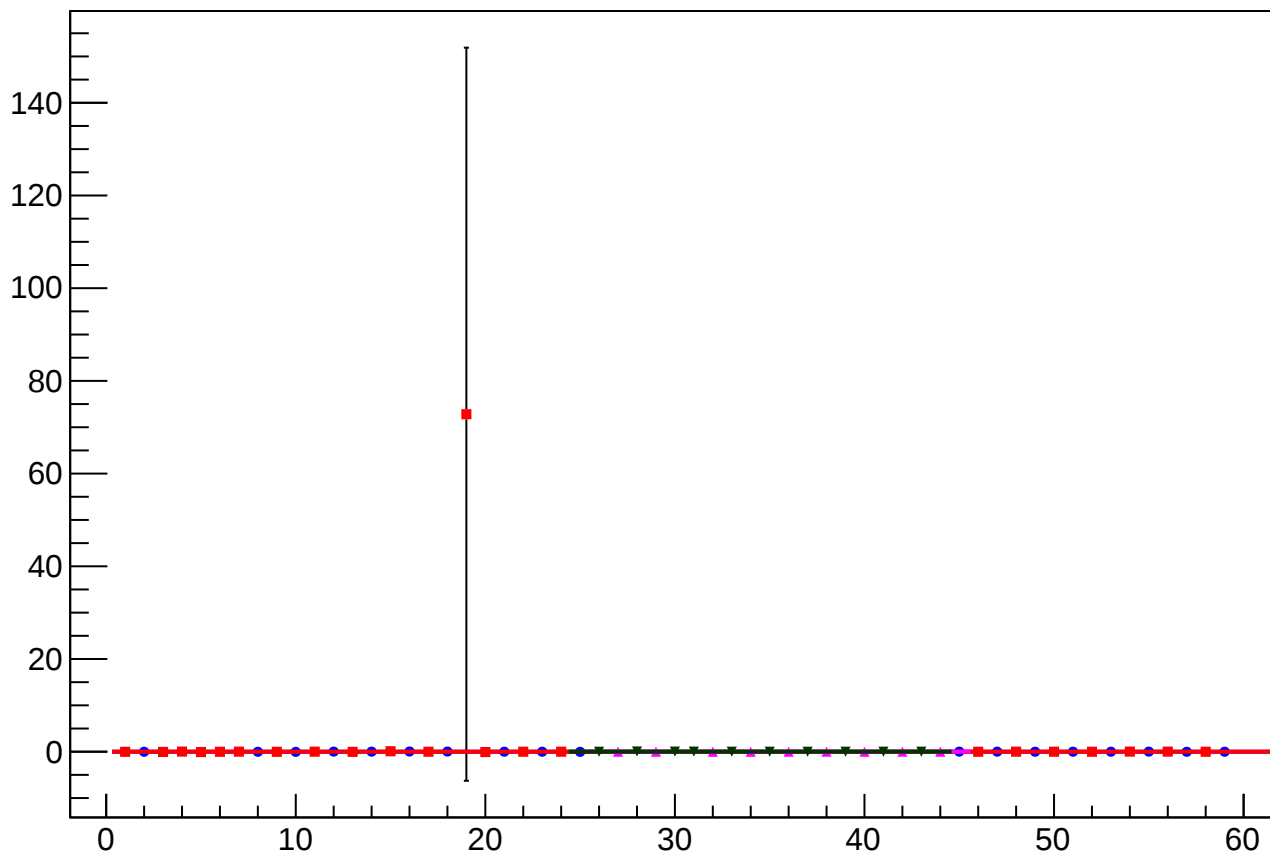
Left Out: 1757.264+/-0.563 χ^2/NDF : 126368.6/9

Right Out: 653.997+/-0.174 χ^2/NDF : 5815428.8/21

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

761.897+/-0.117 χ^2/NDF : 19989808.2/58

diff_cav4dX_mean vs slug



Right In: -0.001 ± 0.004 χ^2/NDF : 13.2/17

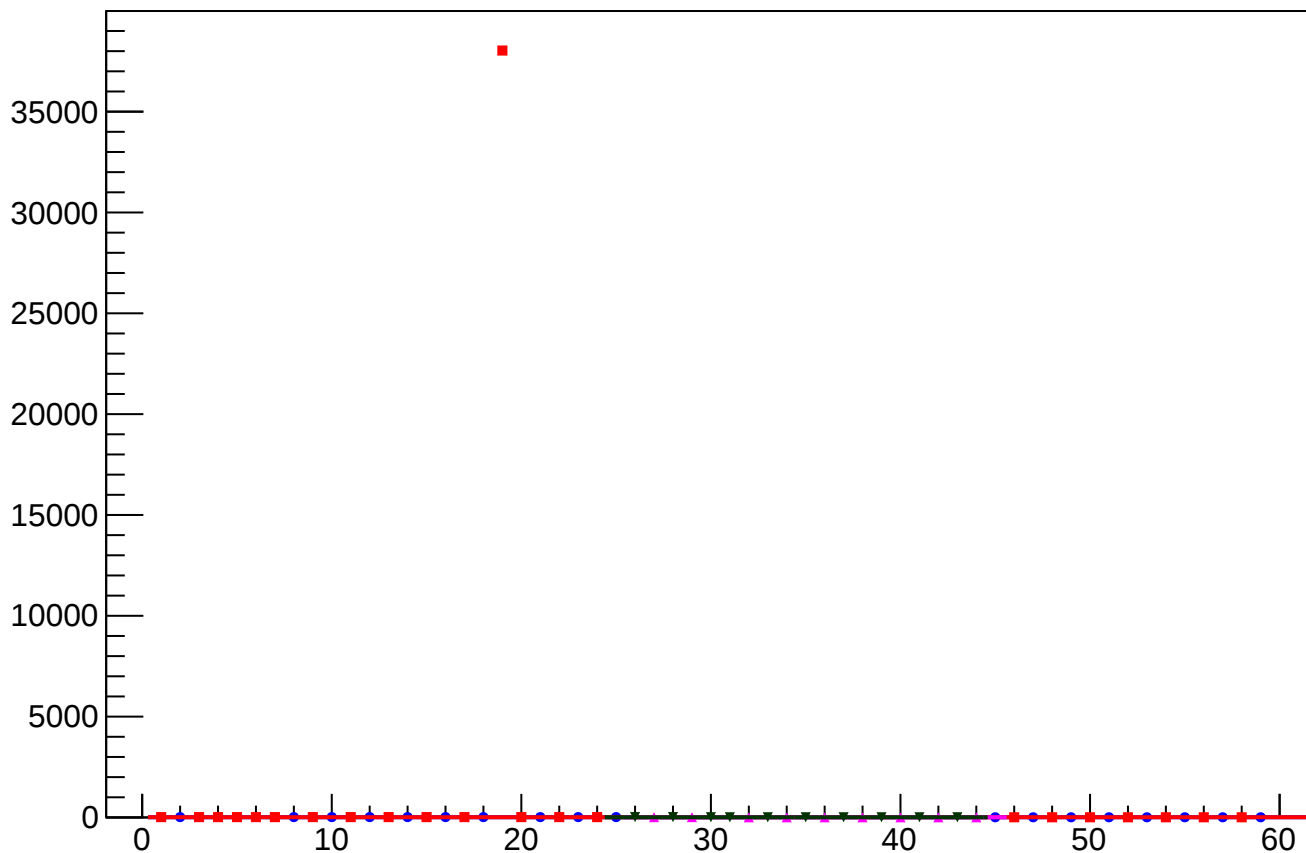
Left Out: 0.001 ± 0.004 χ^2/NDF : 8.7/9

Right Out: -0.001 ± 0.004 χ^2/NDF : 19.1/21

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

0.000 ± 0.002 χ^2/NDF : 43.1/58

diff_cav4dX_rms vs slug



Right In: 10.725 $\pm$ 0.003 χ^2 /NDF: 2086629.1/17

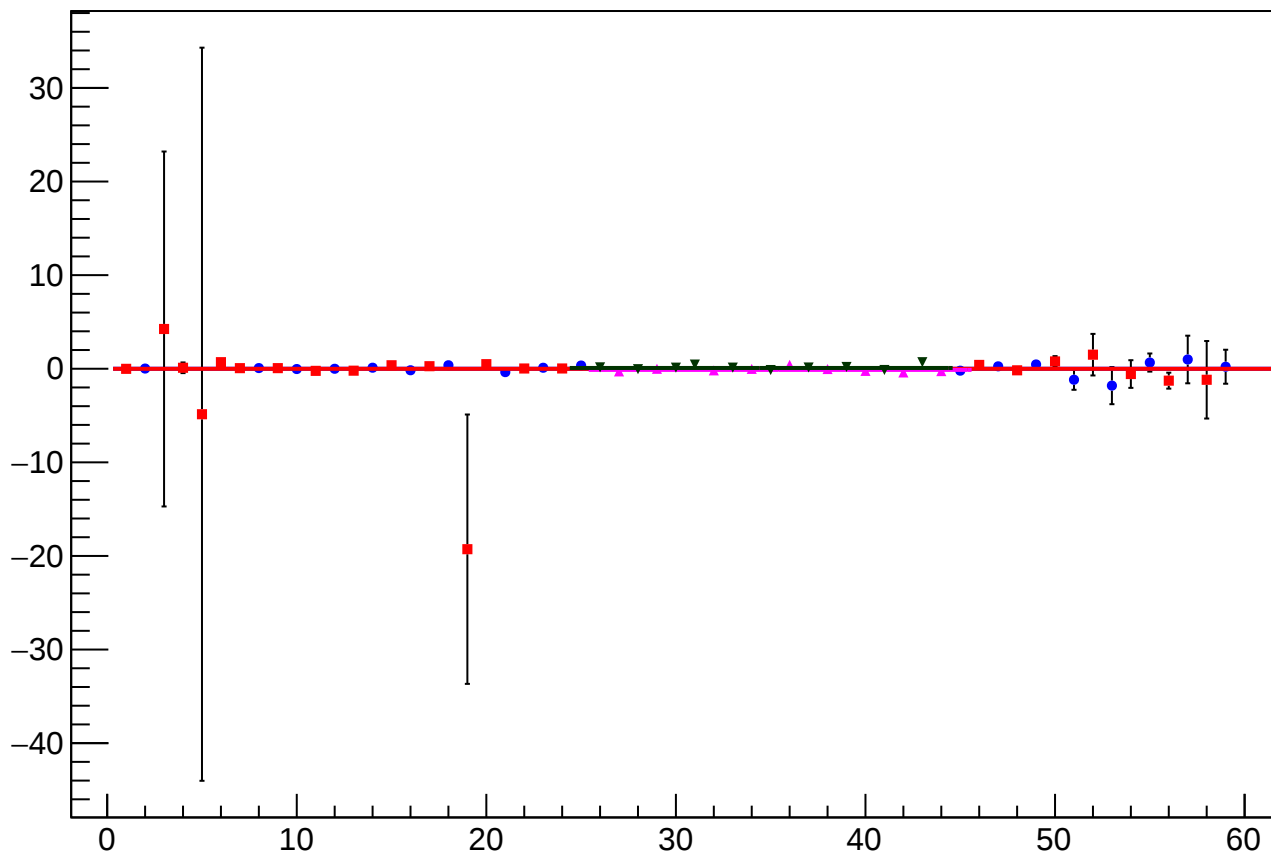
Left Out: 9.372 $\pm$ 0.003 χ^2 /NDF: 589618.0/9

Right Out: 11.395 $\pm$ 0.003 χ^2 /NDF: 2412226.5/21

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

10.278 $\pm$ 0.001 χ^2 /NDF: 6213659.3/58

diff_cav4dY_mean vs slug



Right In: -0.002 $\pm$ 0.003 χ^2/NDF : 21.9/17

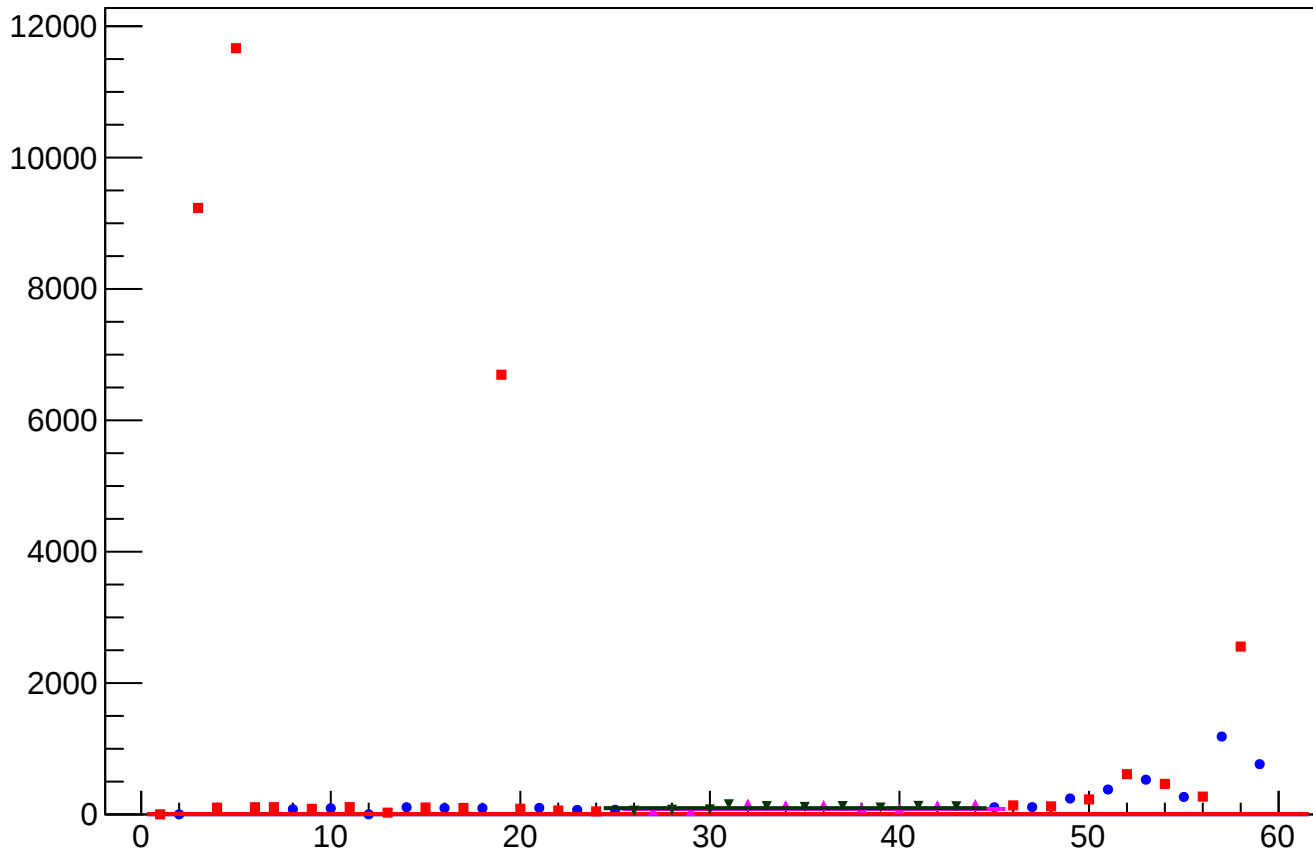
Left Out: 0.083 $\pm$ 0.059 χ^2/NDF : 11.3/9

Right Out: -0.008 $\pm$ 0.012 χ^2/NDF : 18.5/21

Left In: -0.125 $\pm$ 0.053 χ^2/NDF : 9.7/8

-0.002 $\pm$ 0.003 χ^2/NDF : 69.2/58

diff_cav4dY_rms vs slug



Right In: 2.175+/-0.002 χ^2/NDF : 8645588.2/17

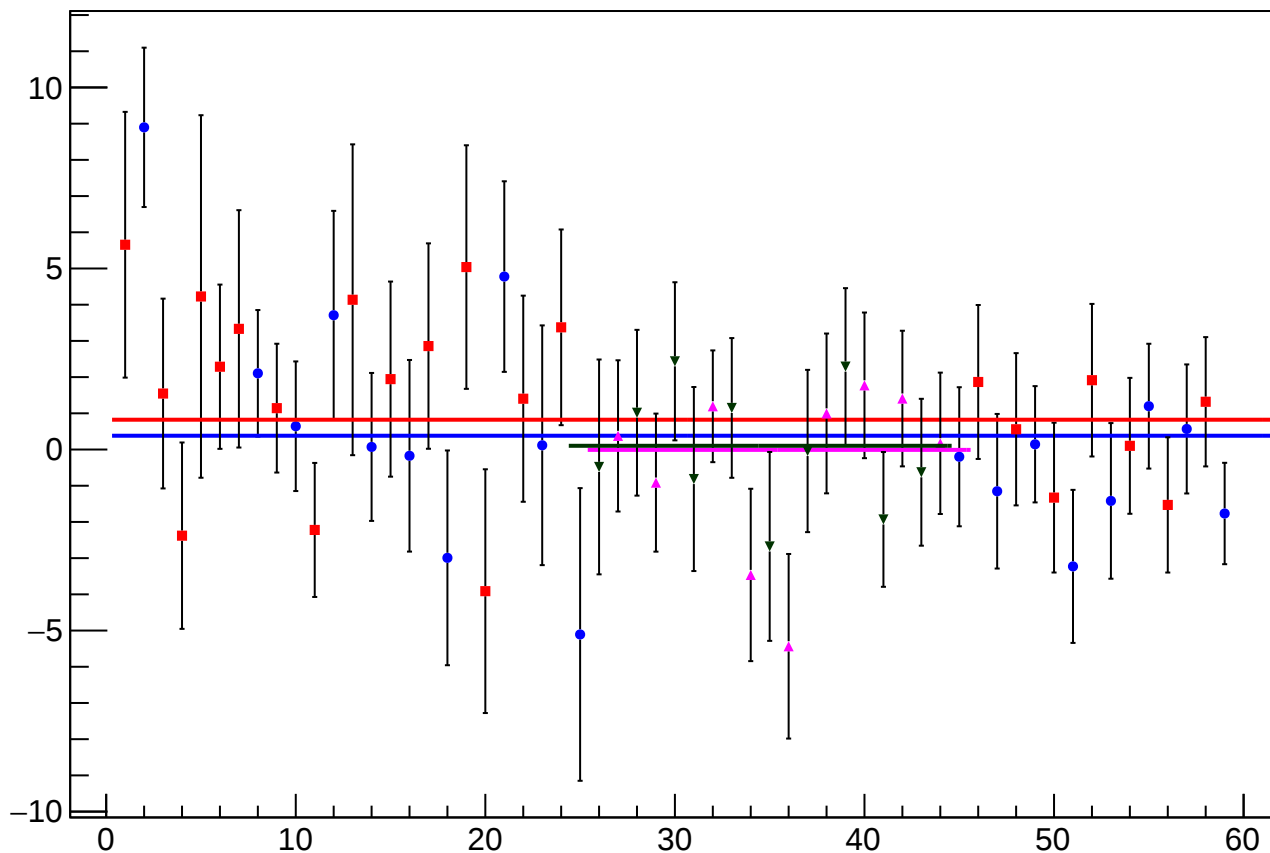
Left Out: 95.985+/-0.042 χ^2/NDF : 447225.2/9

2.880+/-0.002 χ^2/NDF : 27025191.6/58

Right Out: 6.211+/-0.009 χ^2/NDF : 7134967.8/21

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

diff_bpm4aX_mean vs slug



Right In: 0.381 ± 0.486 χ^2/NDF : 30.1/17

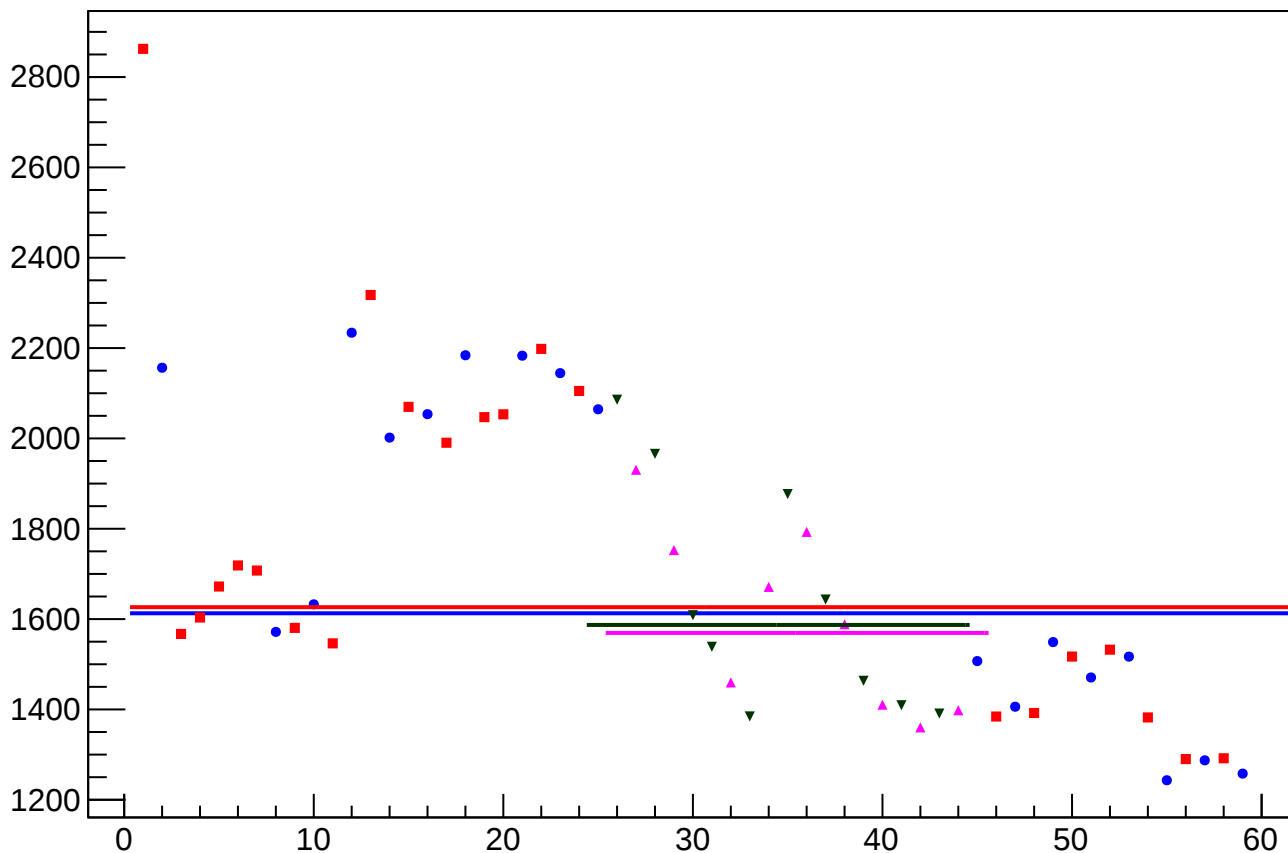
Left Out: 0.103 ± 0.702 χ^2/NDF : 5.2/9

Right Out: 0.823 ± 0.510 χ^2/NDF : 16.7/21

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

0.402 ± 0.284 χ^2/NDF : 62.5/58

diff_bpm4aX_rms vs slug



Right In: 1612.843+/-0.343 χ^2/NDF : 917187.2/17

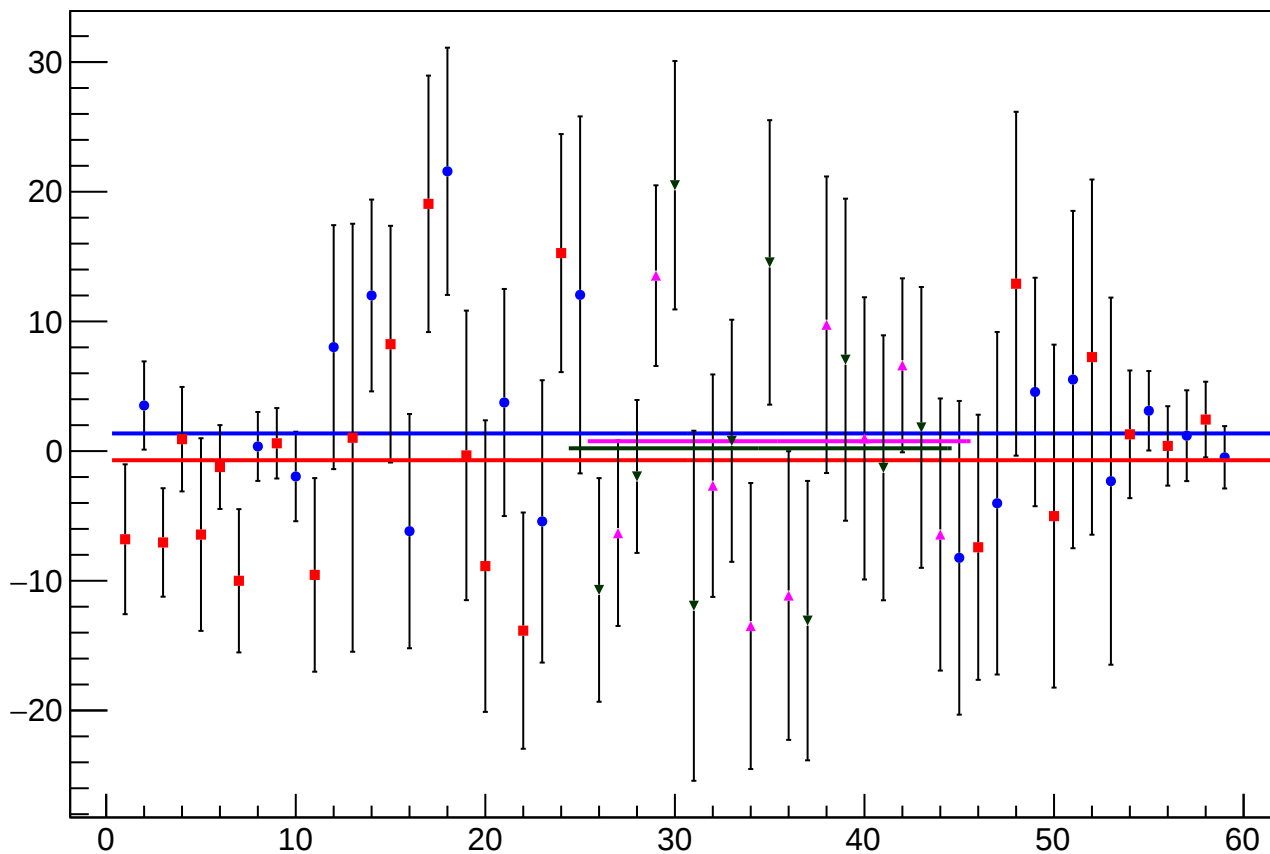
Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

Right Out: 1626.390+/-0.360 χ^2/NDF : 812899.2/21

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

1604.906+/-0.201 χ^2/NDF : 2105188.9/58

diff_bpm4aY_mean vs slug



Right In: 1.362 ± 1.126 $\chi^2/\text{NDF}: 12.3/17$

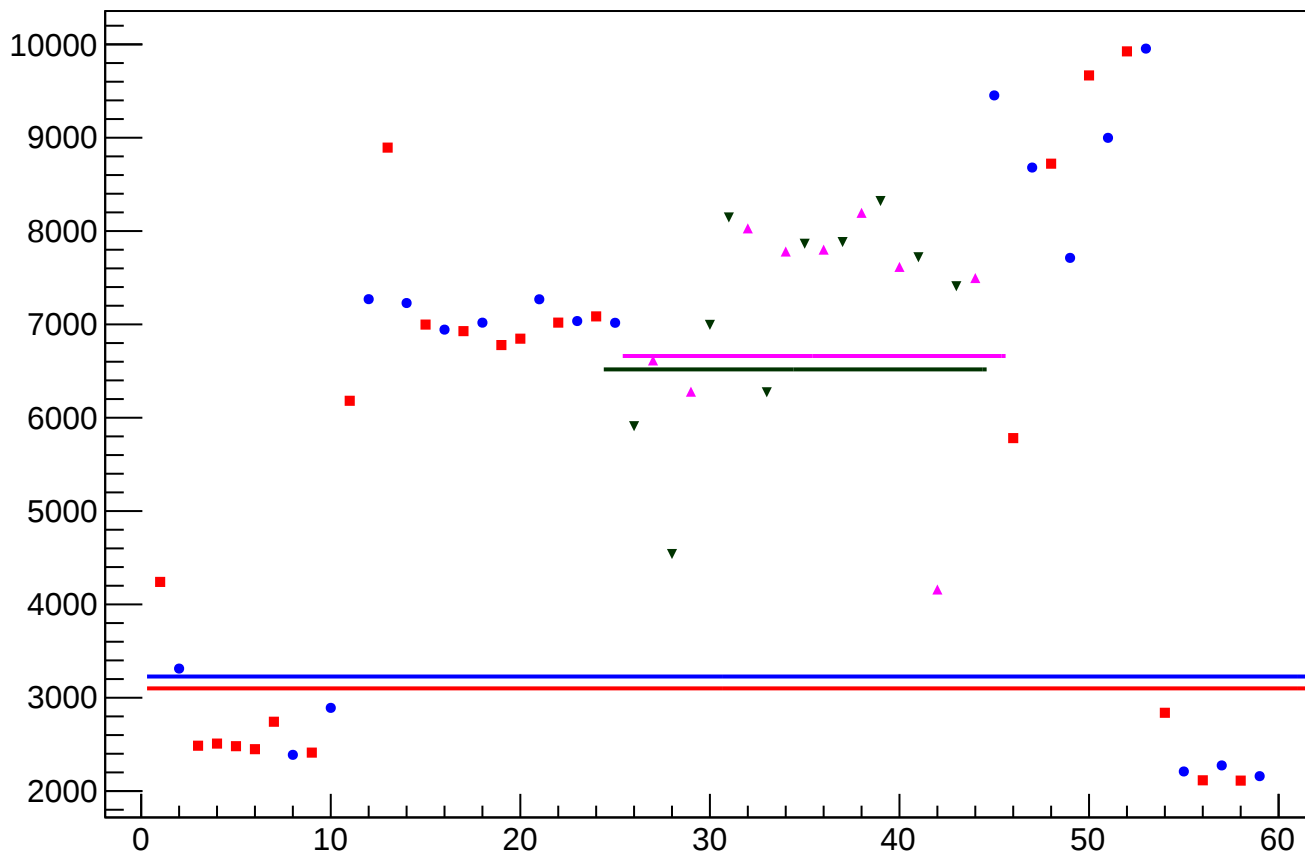
Left Out: 0.216 ± 2.994 $\chi^2/\text{NDF}: 10.6/9$

Right Out: -0.704 ± 1.114 $\chi^2/\text{NDF}: 22.7/21$

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

0.340 ± 0.740 $\chi^2/\text{NDF}: 56.5/58$

diff_bpm4aY_rms vs slug



Right In: 3227.406+/-0.796 χ^2 /NDF: 5649281.7/17

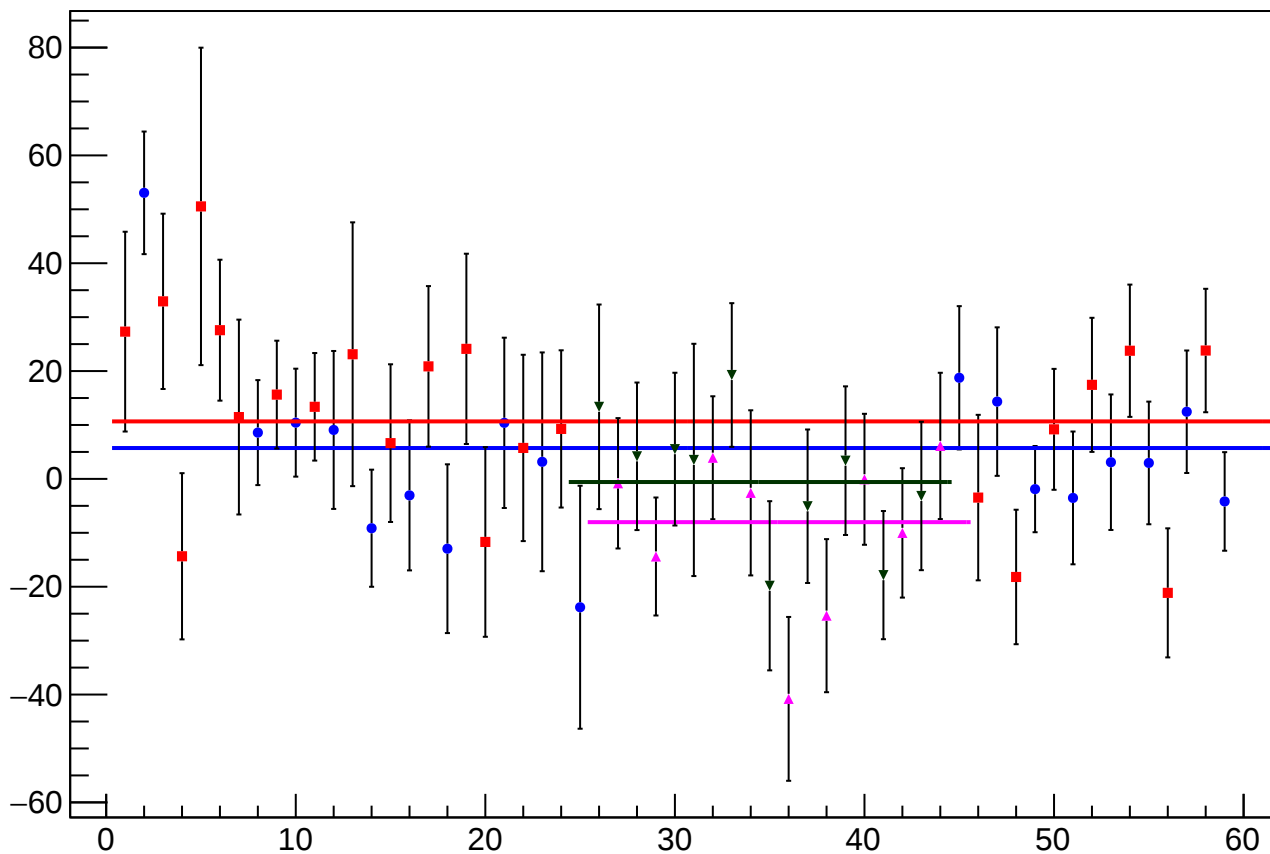
Left Out: 6517.791+/-2.117 χ^2 /NDF:416045.1/9

3593.518+/-0.524 χ^2 /NDF: 15992324.4/58

Right Out: 3100.183+/-0.787 χ^2 /NDF: 4763460.8/21

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

diff_bpm4eX_mean vs slug



Right In: 5.725 ± 2.817 $\chi^2/\text{NDF}: 27.7/17$

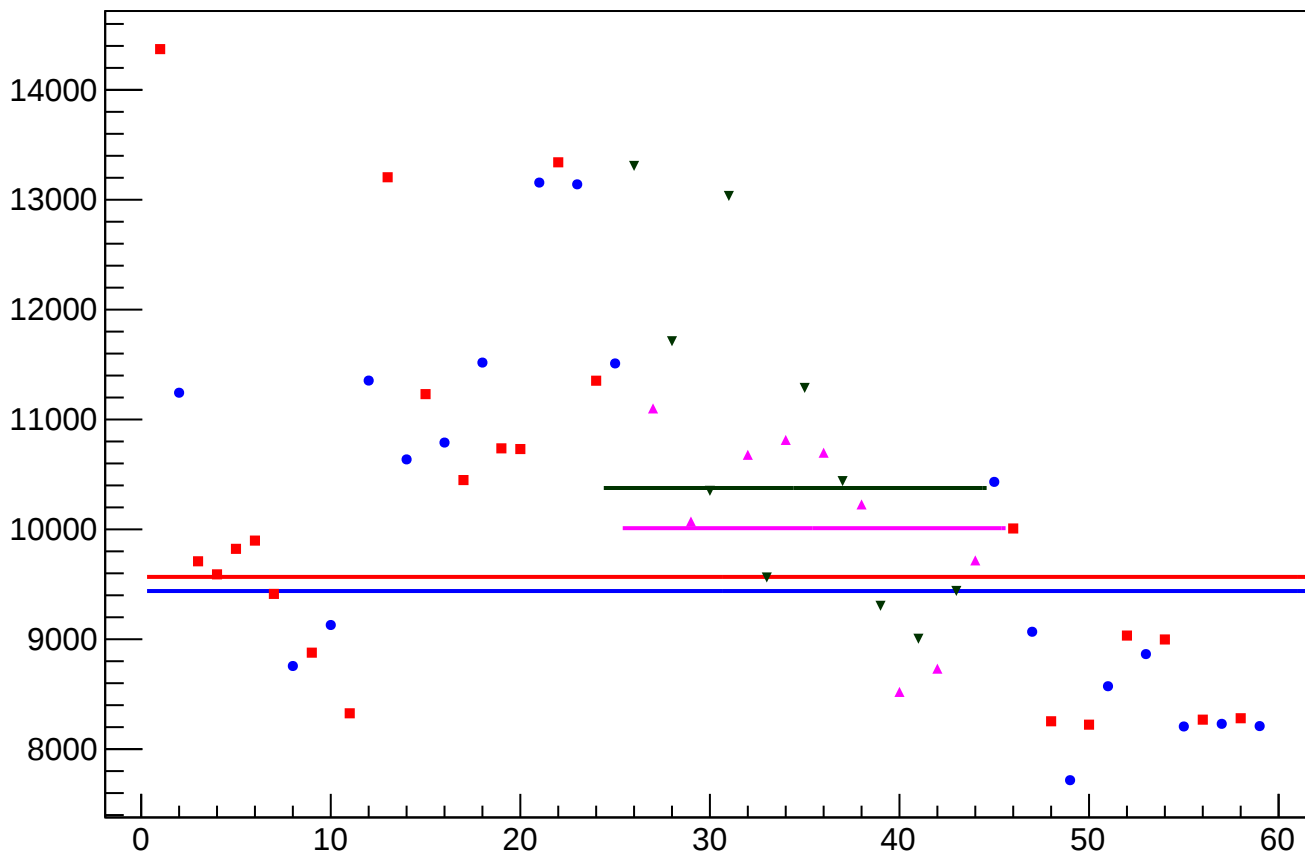
Left Out: -0.581 ± 4.588 $\chi^2/\text{NDF}: 6.9/9$

Right Out: 10.663 ± 2.978 $\chi^2/\text{NDF}: 28.3/21$

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

4.241 ± 1.710 $\chi^2/\text{NDF}: 86.9/58$

diff_bpm4eX_rms vs slug



Right In: 9438.821+/-1.992 χ^2/NDF : 570730.1/17

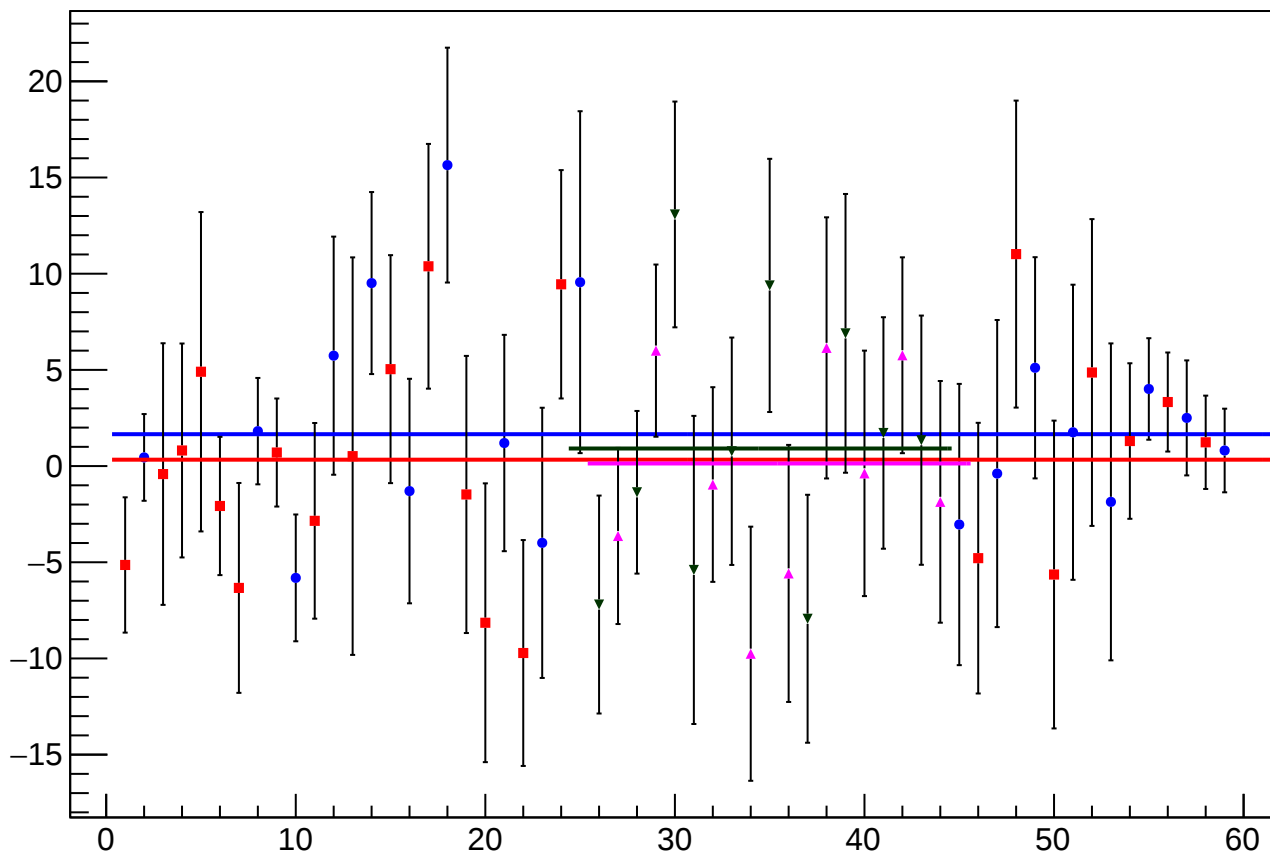
Left Out: 10376.591+/-3.244 χ^2/NDF : 159508.6/9

Right Out: 9567.428+/-2.106 χ^2/NDF : 506061.6/21

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

9704.605+/-1.209 χ^2/NDF : 1398644.3/58

diff_bpm4eY_mean vs slug



Right In: 1.657 ± 0.923 $\chi^2/\text{NDF}: 17.6/17$

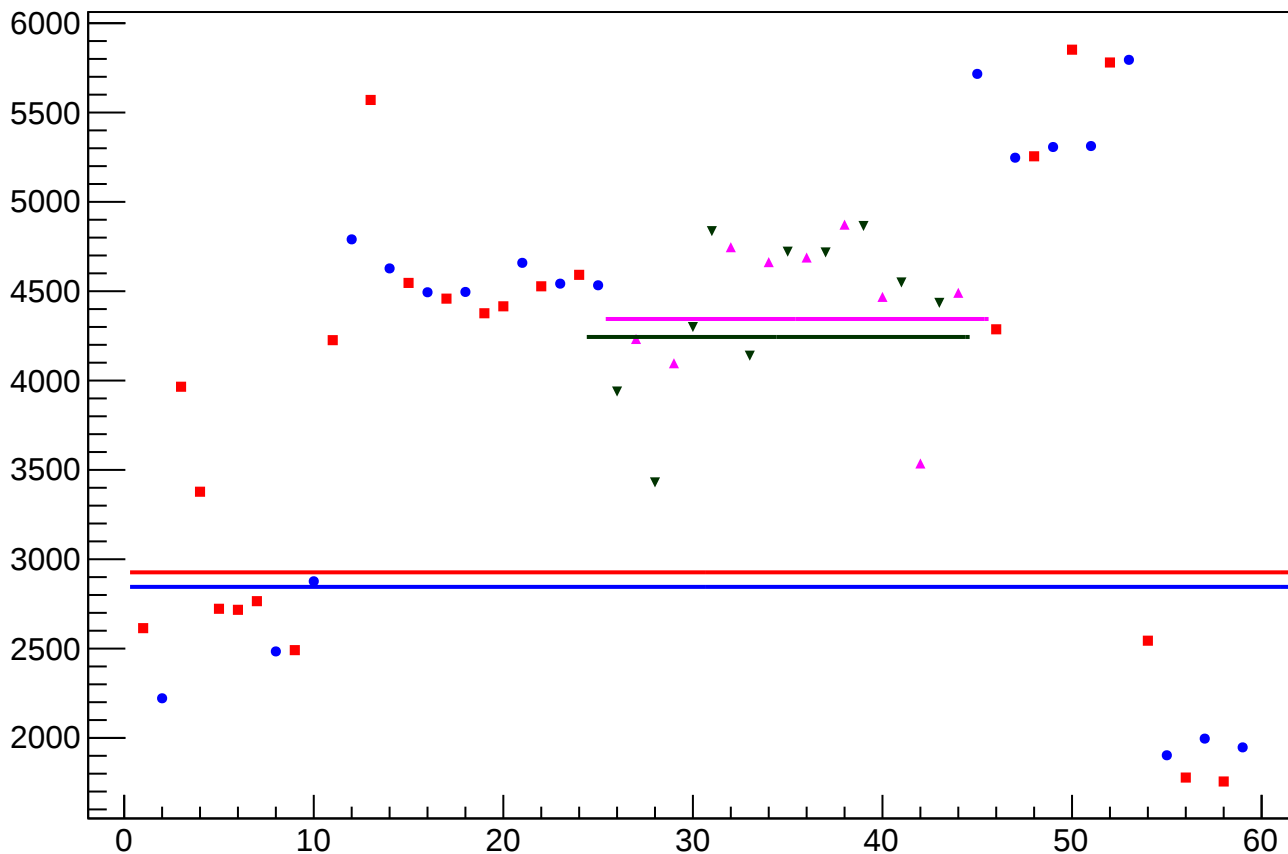
Left Out: 0.913 ± 1.896 $\chi^2/\text{NDF}: 11.5/9$

Right Out: 0.332 ± 0.984 $\chi^2/\text{NDF}: 19.7/21$

Left In: 0.134 ± 1.850 $\chi^2/\text{NDF}: 7.5/8$

0.930 ± 0.600 $\chi^2/\text{NDF}: 57.5/58$

diff_bpm4eY_rms vs slug



Right In: 2845.375 $\pm$ 0.652 χ^2 /NDF: 3448867.1/17

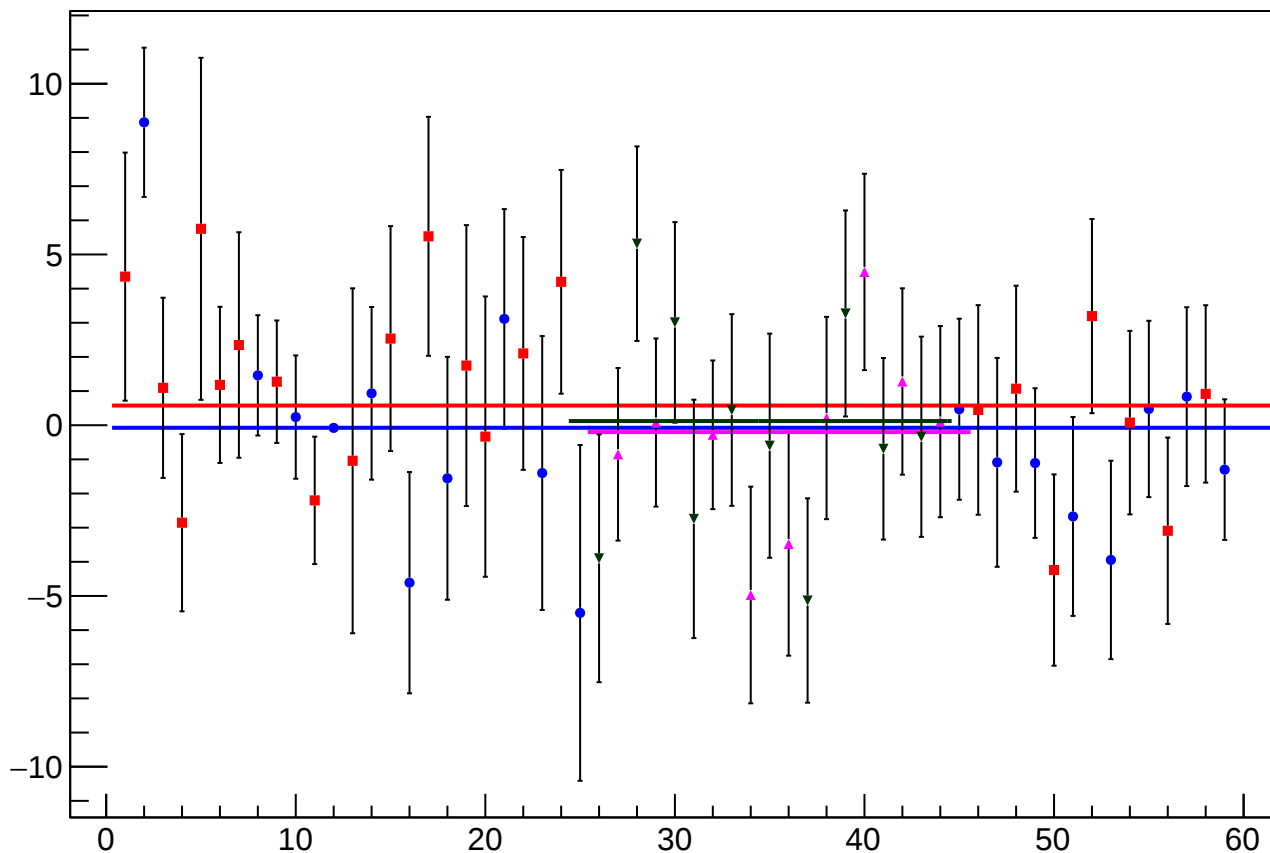
Left Out: 4243.997 $\pm$ 1.341 χ^2 /NDF:134537.2/9

3173.280 $\pm$ 0.424 χ^2 /NDF: 8277175.2/58

Right Out: 2926.706 $\pm$ 0.696 χ^2 /NDF: 2781833.9/21

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

diff_bpm4acX_mean vs slug



Right In: -0.075 ± 0.060 χ^2/NDF : 25.6/17

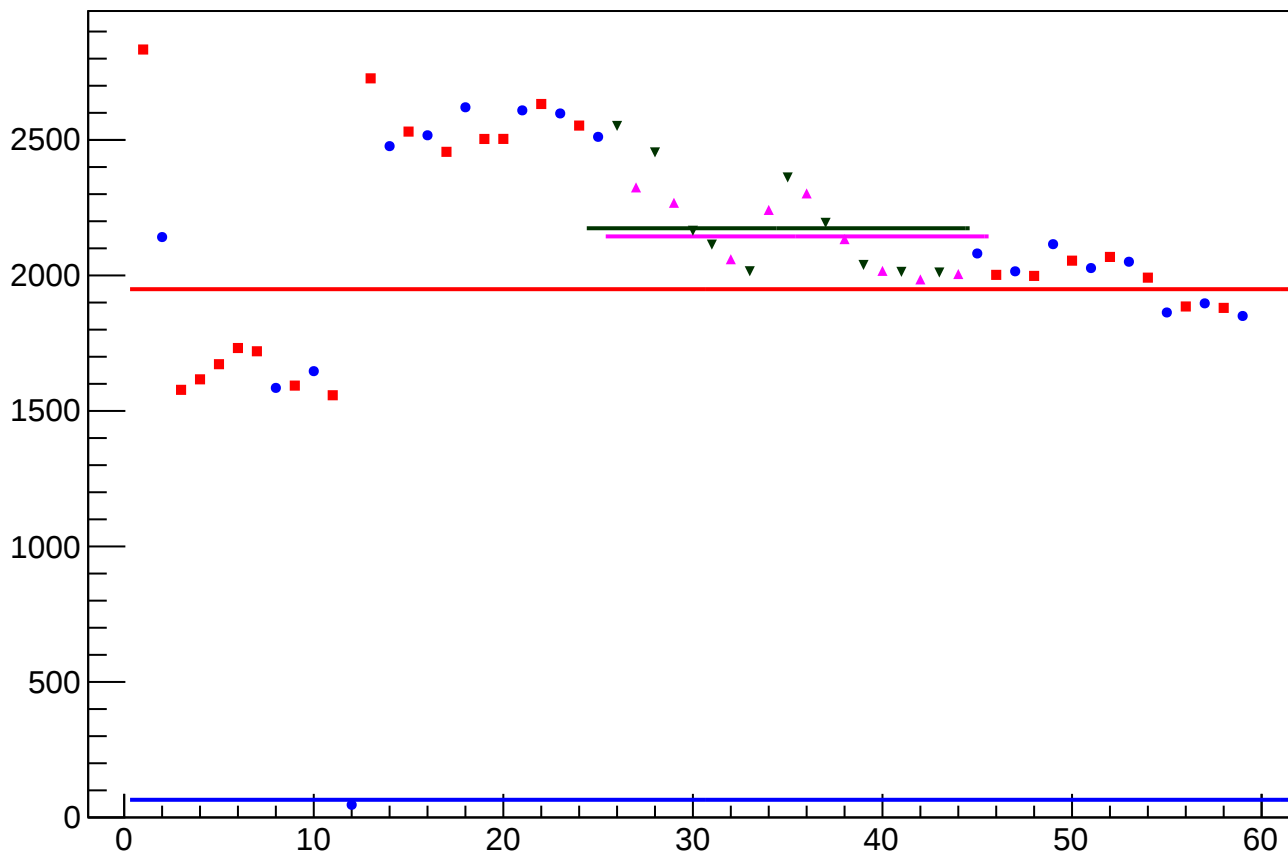
Left Out: 0.122 ± 0.955 χ^2/NDF : 10.6/9

Right Out: 0.576 ± 0.610 χ^2/NDF : 16.4/21

Left In: -0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.068 ± 0.060 χ^2/NDF : 60.1/58

diff_bpm4acX_rms vs slug



Right In: 65.169+/-0.042 χ^2 /NDF: 20574675.5/17

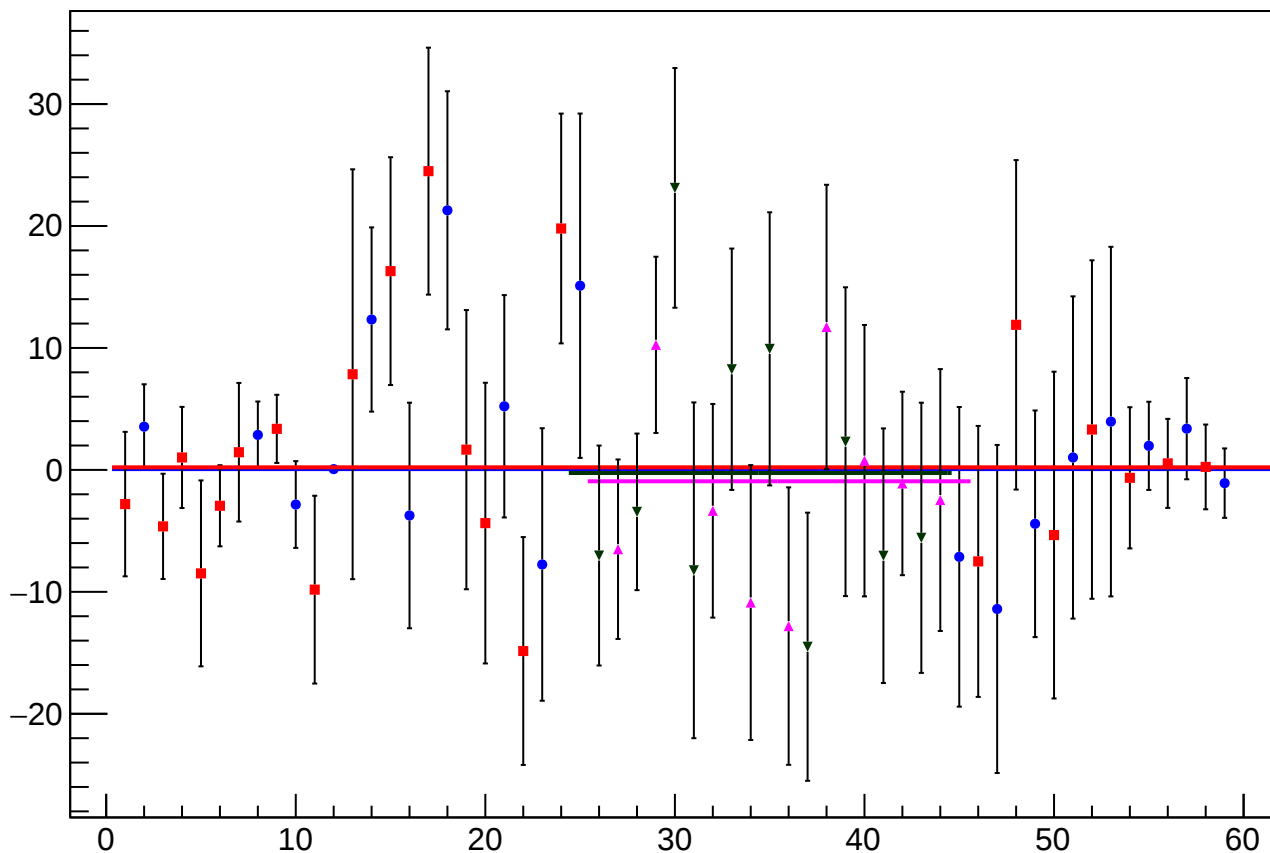
Left Out: 2174.130+/-0.675 χ^2 /NDF: 72174.6/9

Right Out: 1949.284+/-0.431 χ^2 /NDF: 774847.1/21

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

100.284+/-0.042 χ^2 /NDF: 60171464.6/58

diff_bpm4acY_mean vs slug



Right In: 0.067+/-0.052 χ^2/NDF : 14.7/17

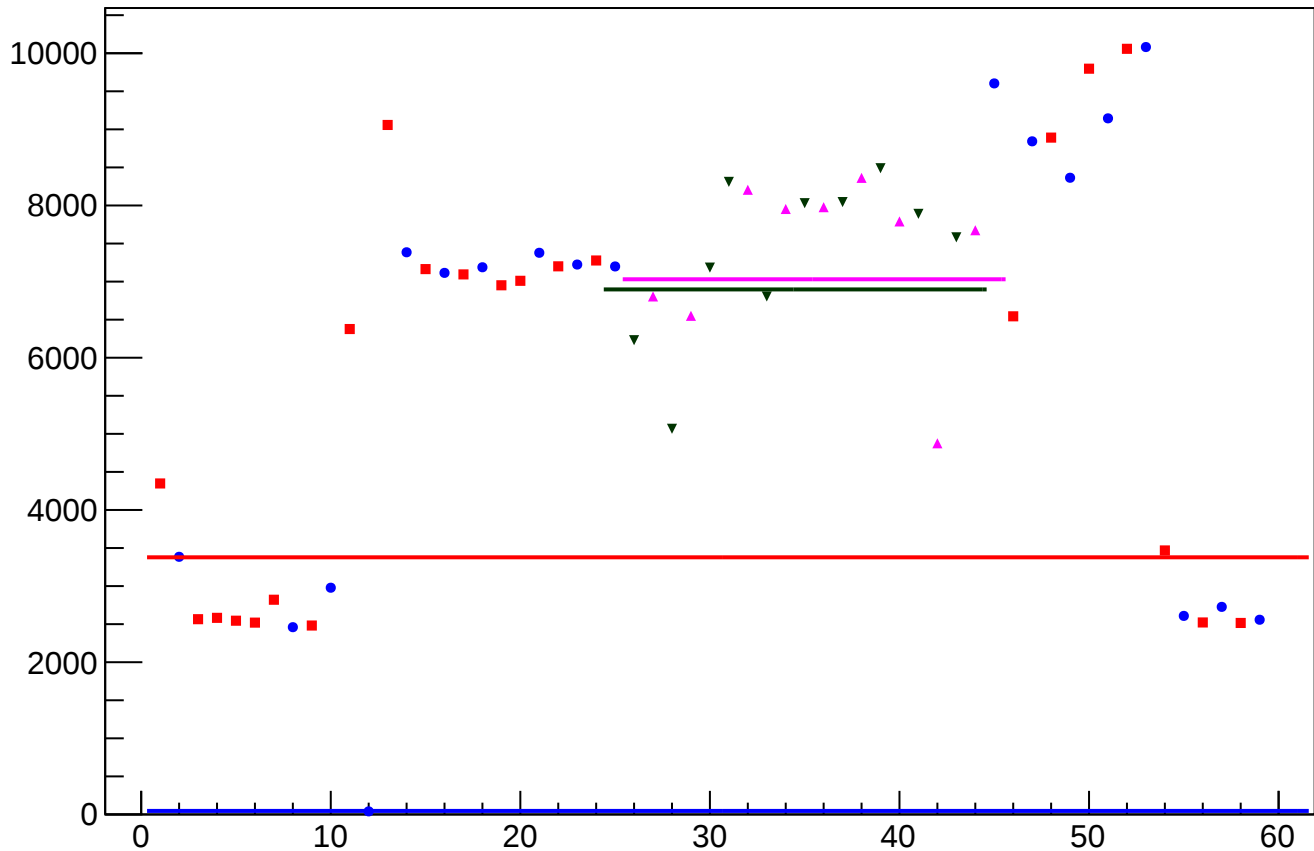
Left Out: -0.253+/-3.128 χ^2/NDF :10.7/9

Right Out: 0.212+/-1.197 χ^2/NDF : 24.3/21

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

0.066+/-0.052 χ^2/NDF : 55.9/58

diff_bpm4acY_rms vs slug



Right In: 46.508+/-0.037 χ^2 /NDF: 20531728.1/17

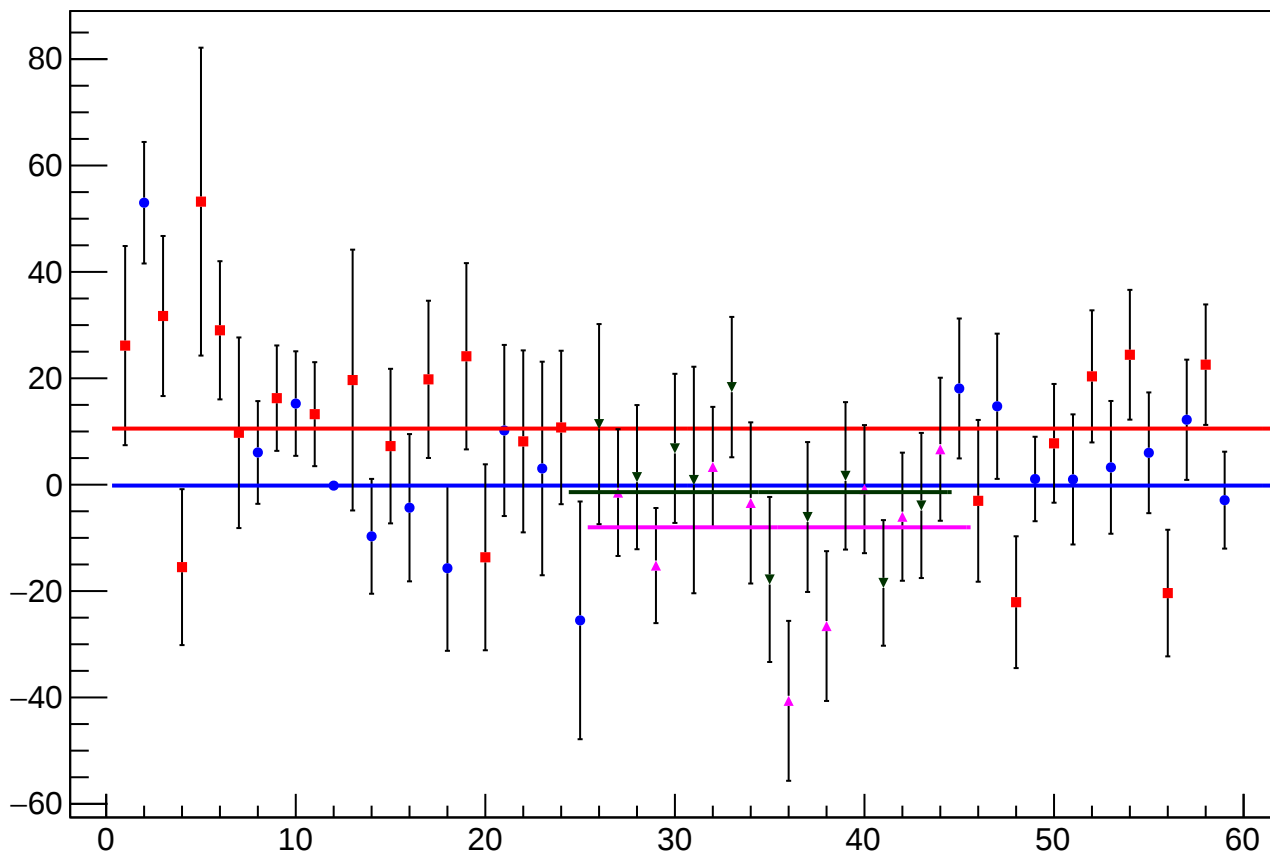
Left Out: 6897.291+/-2.212 χ^2 /NDF: 296077.9/9

56.738+/-0.037 χ^2 /NDF: 61099430.0/58

Right Out: 3378.042+/-0.846 χ^2 /NDF: 4432935.1/21

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

diff_bpm4ecX_mean vs slug



Right In: -0.168 ± 0.106 χ^2/NDF : 33.0/17

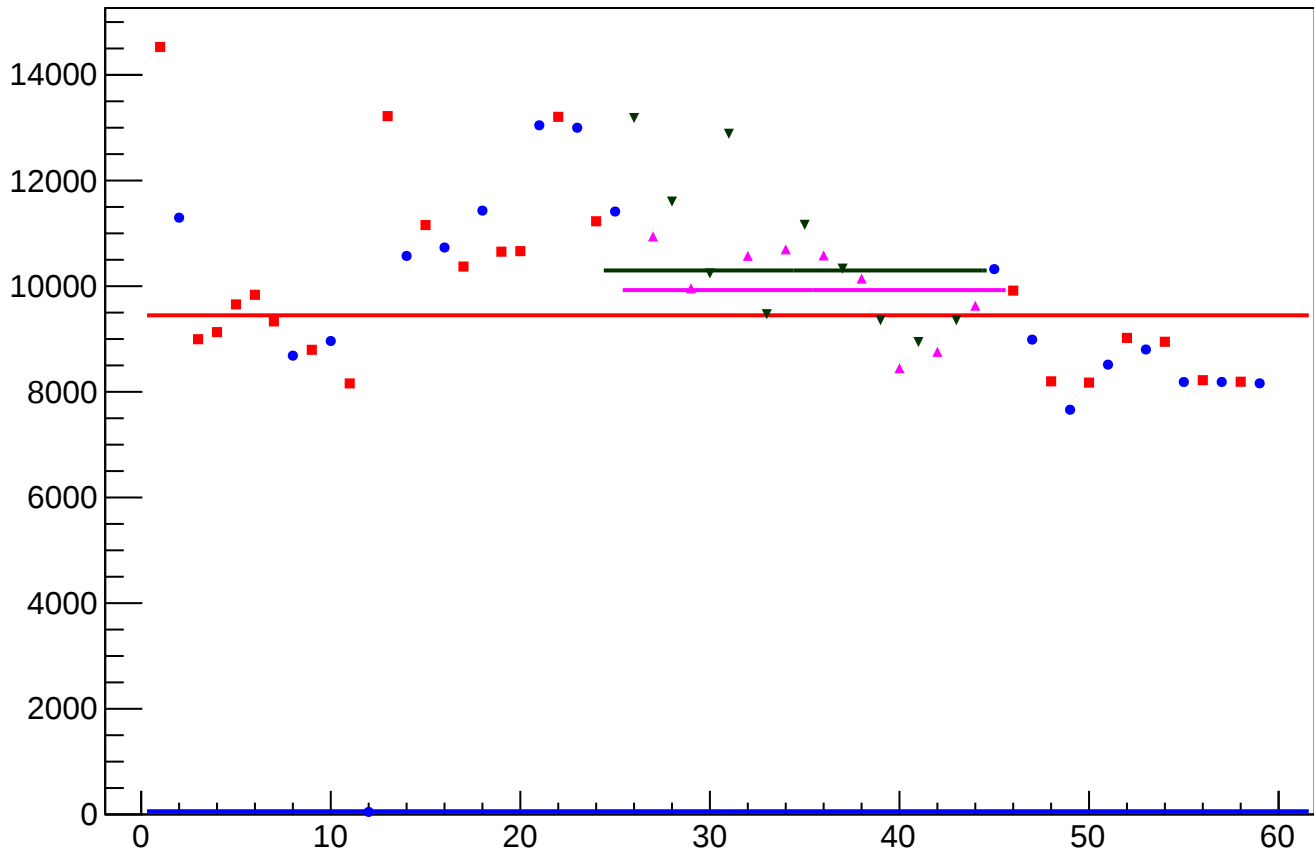
Left Out: -1.399 ± 4.552 χ^2/NDF : 6.5/9

Right Out: 10.545 ± 2.943 χ^2/NDF : 31.2/21

Left In: -8.013 ± 4.204 χ^2/NDF : 9.9/8

-0.160 ± 0.106 χ^2/NDF : 97.3/58

diff_bpm4ecX_rms vs slug



Right In: 60.895+/-0.075 χ^2 /NDF: 21491426.8/17

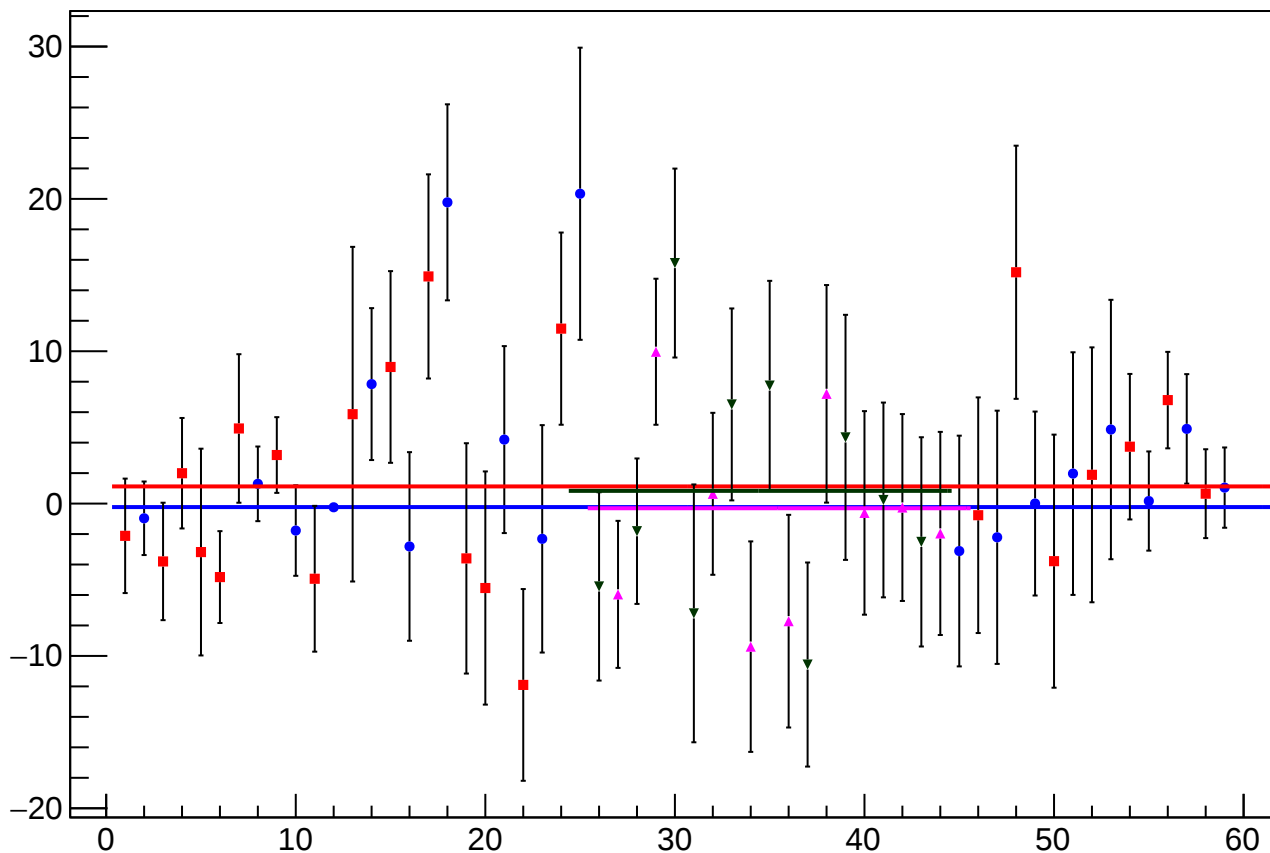
Left Out: 10297.699+/-3.219 χ^2 /NDF:154377.9/9

Right Out: 9448.725+/-2.081 χ^2 /NDF: 524290.1/21

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

85.055+/-0.075 χ^2 /NDF: 63629929.2/58

diff_bpm4ecY_mean vs slug



Right In: -0.229 ± 0.090 $\chi^2/\text{NDF}: 21.4/17$

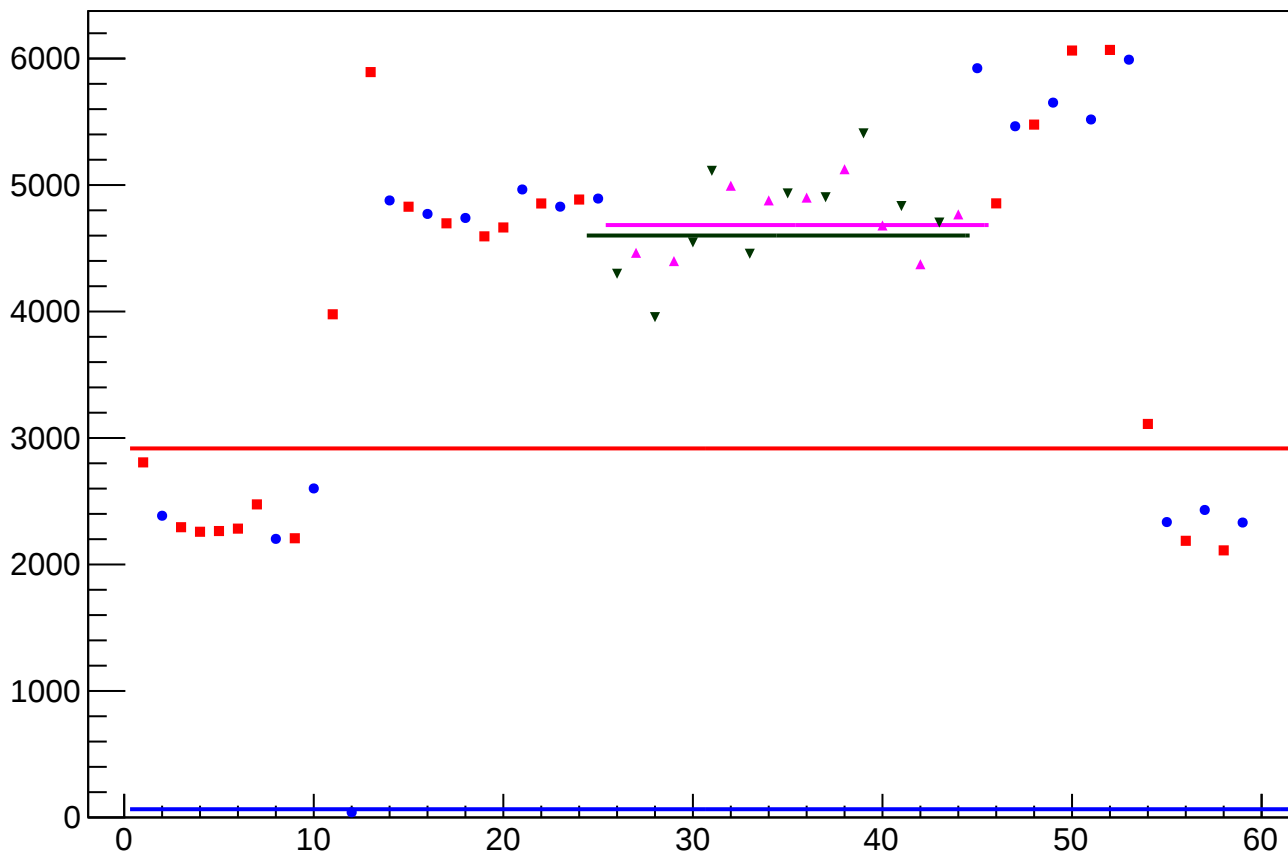
Left Out: 0.835 ± 2.042 $\chi^2/\text{NDF}: 13.2/9$

Right Out: 1.126 ± 0.973 $\chi^2/\text{NDF}: 30.5/21$

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

-0.216 ± 0.089 $\chi^2/\text{NDF}: 77.3/58$

diff_bpm4ecY_rms vs slug



Right In: 65.054+/-0.064 χ^2/NDF : 20626525.3/17

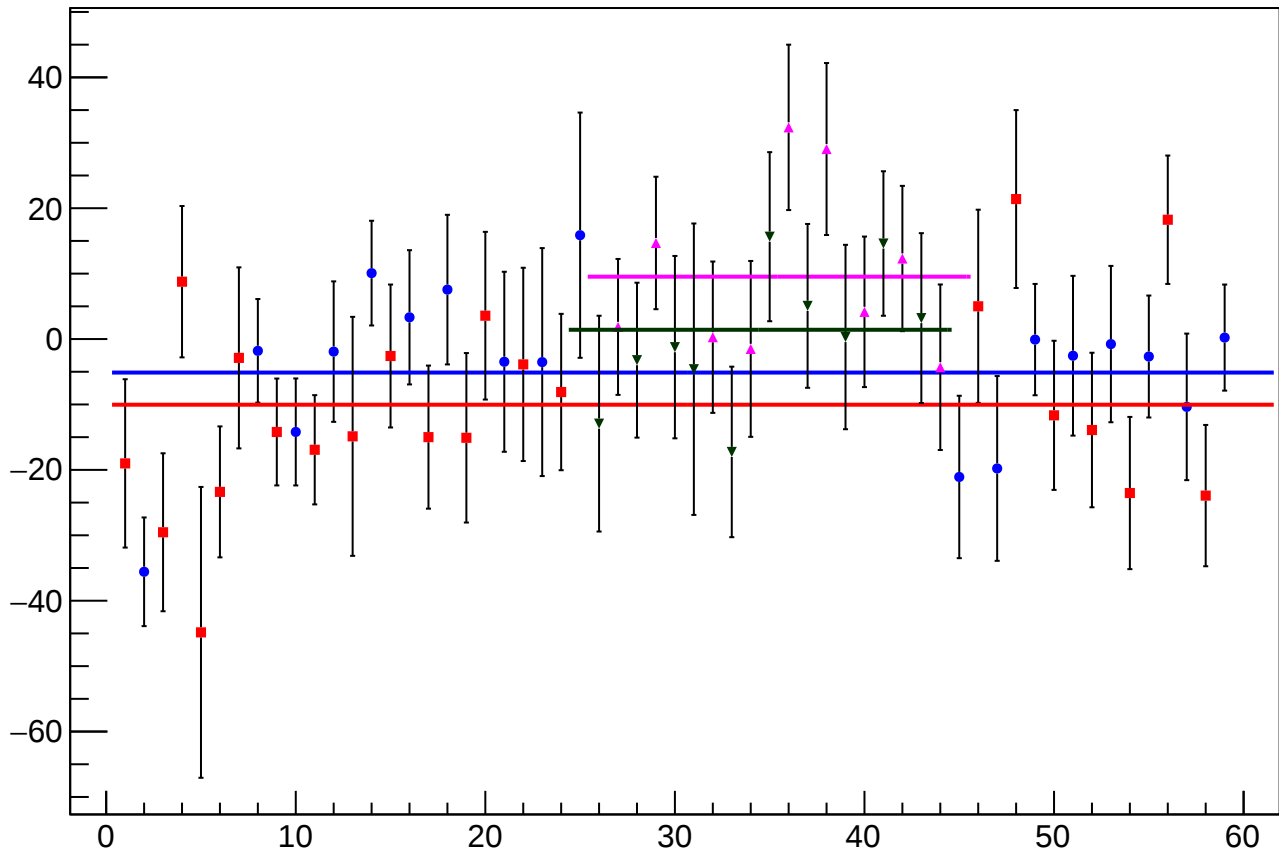
Left Out: 4600.808+/-1.444 χ^2/NDF : 81875.8/9

Right Out: 2917.550+/-0.688 χ^2/NDF : 2712363.0/21

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

107.061+/-0.063 χ^2/NDF : 60912153.3/58

diff_bpm1X_mean vs slug



Right In: -5.123 ± 2.411 χ^2/NDF : 25.7/17

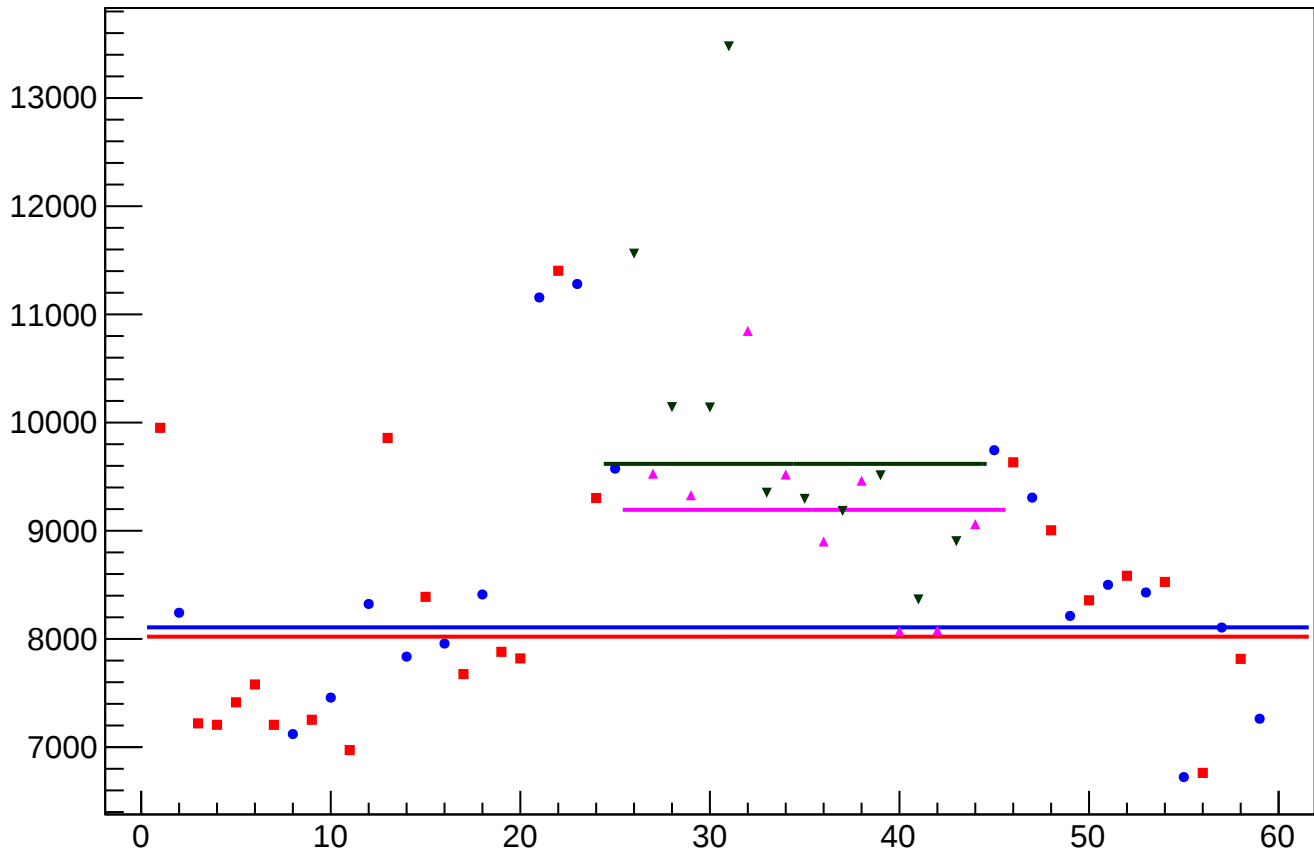
Left Out: 1.417 ± 4.249 χ^2/NDF : 5.8/9

Right Out: -10.038 ± 2.488 χ^2/NDF : 31.2/21

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

-3.945 ± 1.483 χ^2/NDF : 91.6/58

diff_bpm1X_rms vs slug



Right In: 8107.224+/-1.705 χ^2/NDF : 344830.4/17

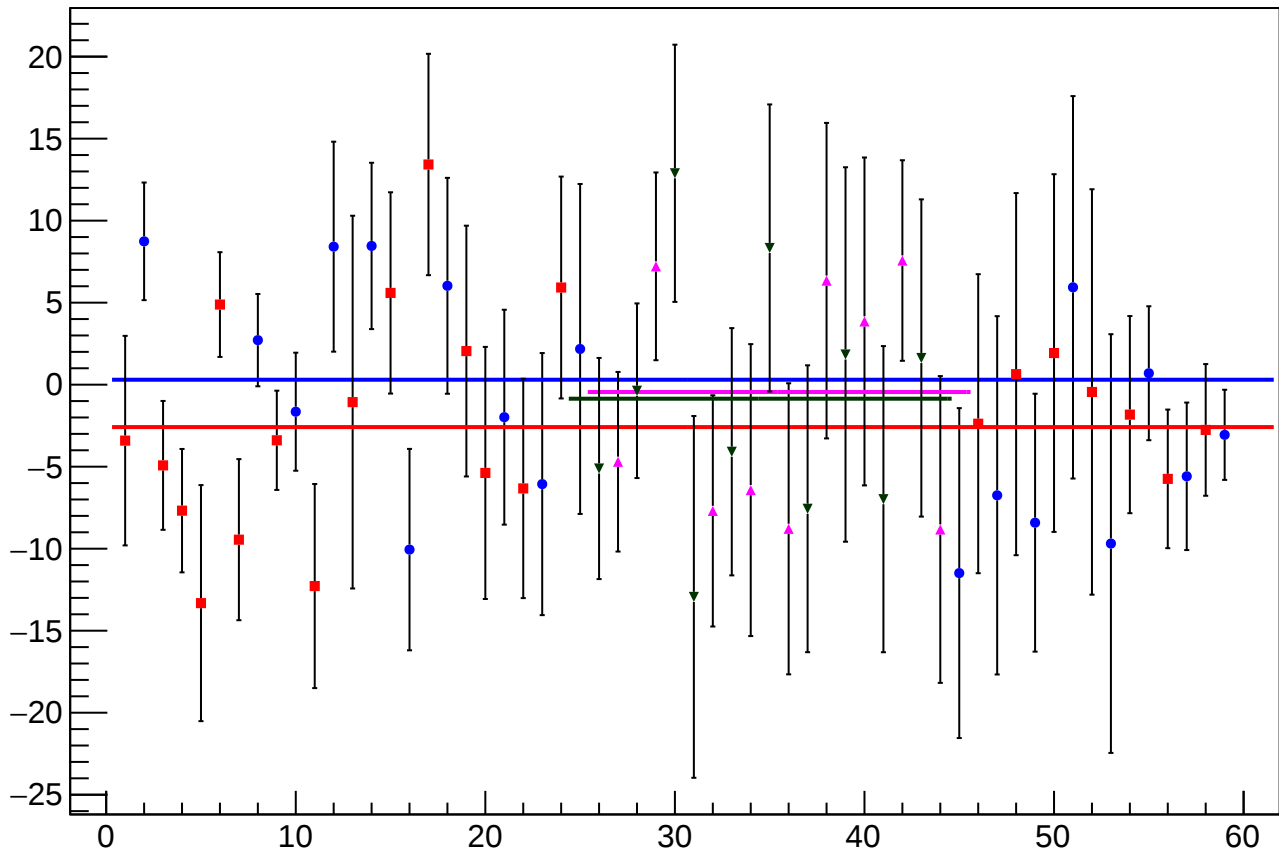
Left Out: 9618.418+/-3.005 χ^2/NDF : 130935.9/9

8418.229+/-1.048 χ^2/NDF : 1240959.7/58

Right Out: 8021.051+/-1.760 χ^2/NDF : 356333.3/21

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

diff_bpm1Y_mean vs slug



Right In: 0.301 ± 1.168 χ^2/NDF : 22.2/17

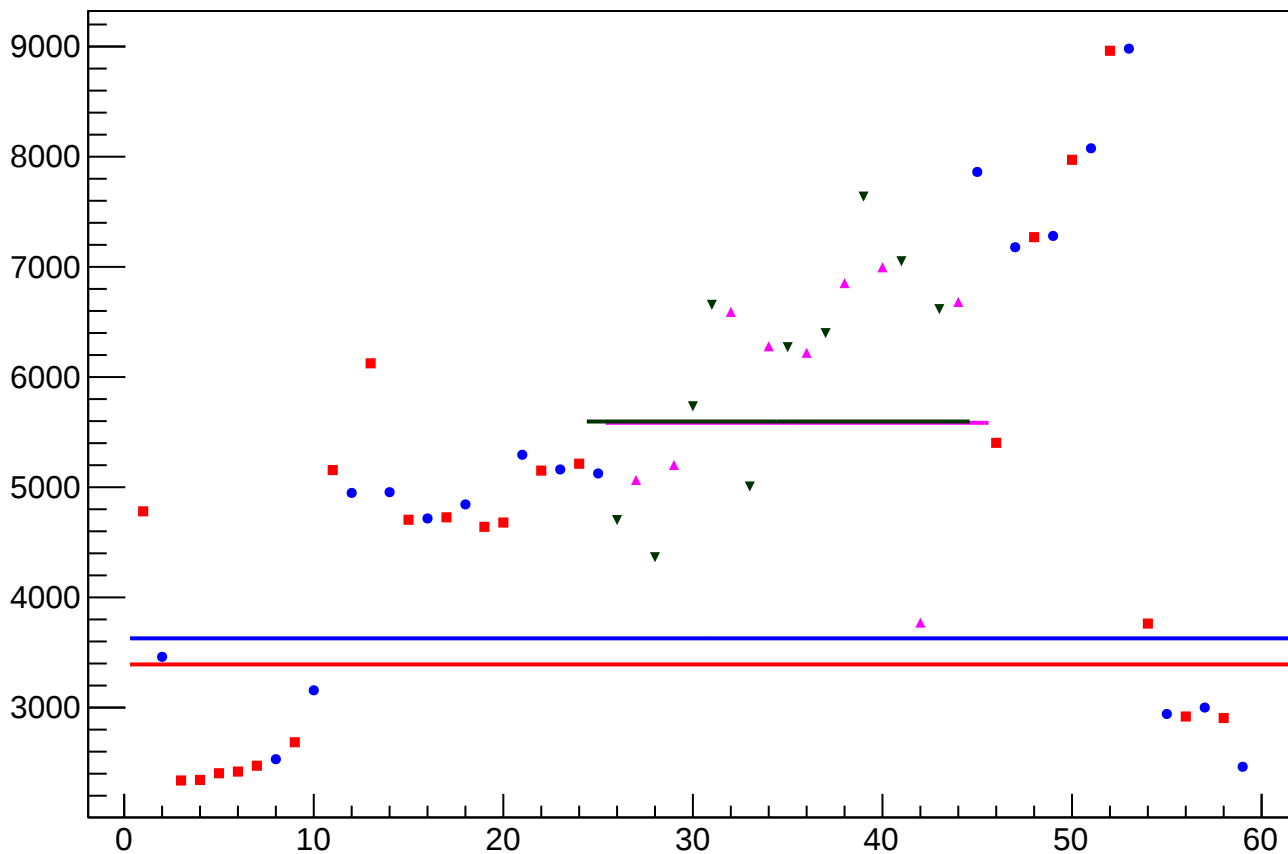
Left Out: -0.856 ± 2.537 χ^2/NDF : 7.1/9

-1.083 ± 0.740 χ^2/NDF : 65.6/58

Right Out: -2.586 ± 1.140 χ^2/NDF : 25.0/21

Left In: -0.448 ± 2.437 χ^2/NDF : 8.0/8

diff_bpm1Y_rms vs slug



Right In: 3628.463+/-0.826 χ^2/NDF : 3038635.0/17

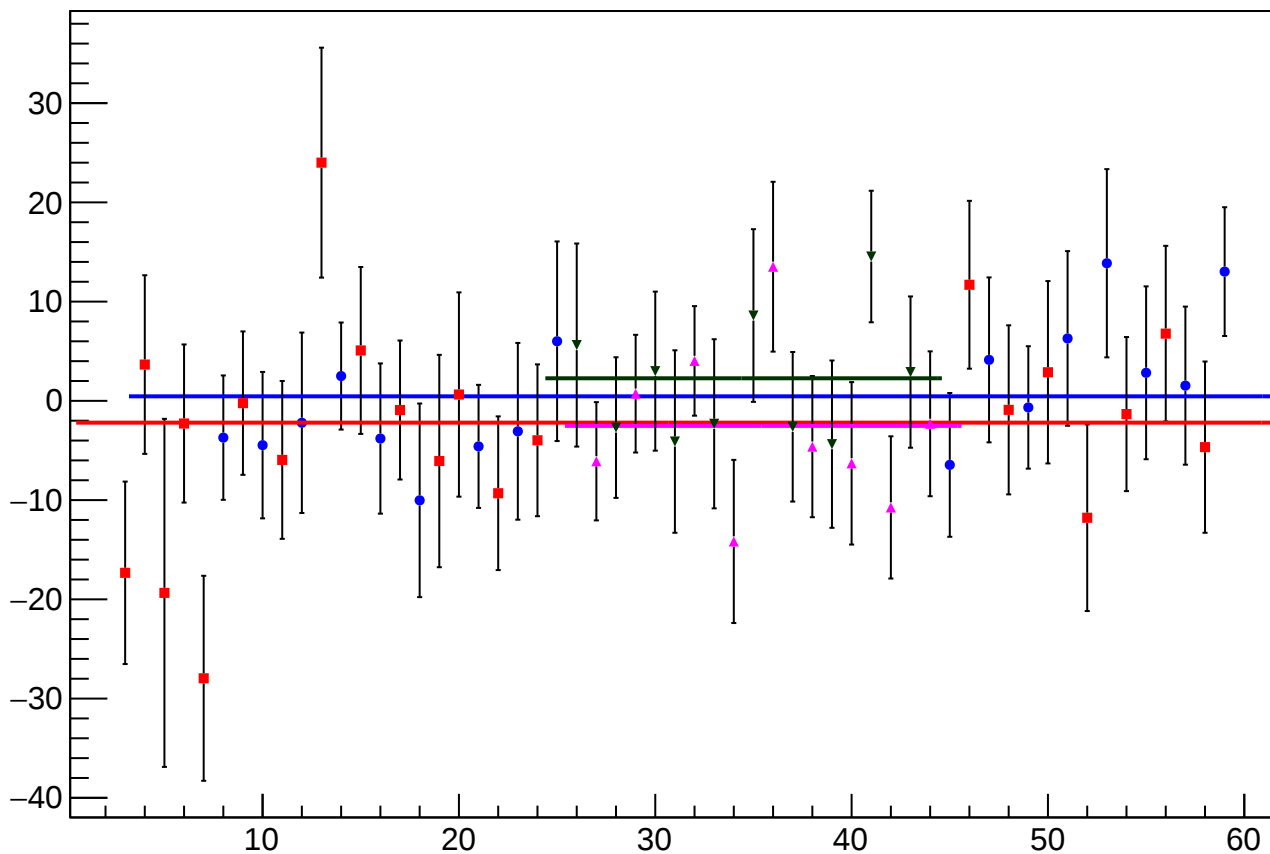
Left Out: 5596.473+/-1.794 χ^2/NDF : 337129.9/9

Right Out: 3391.569+/-0.806 χ^2/NDF : 2800831.6/21

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

3876.436+/-0.523 χ^2/NDF : 8898491.2/58

diff_bpm11X_mean vs slug



Right In: 0.456 ± 1.816 χ^2/NDF : 11.1/16

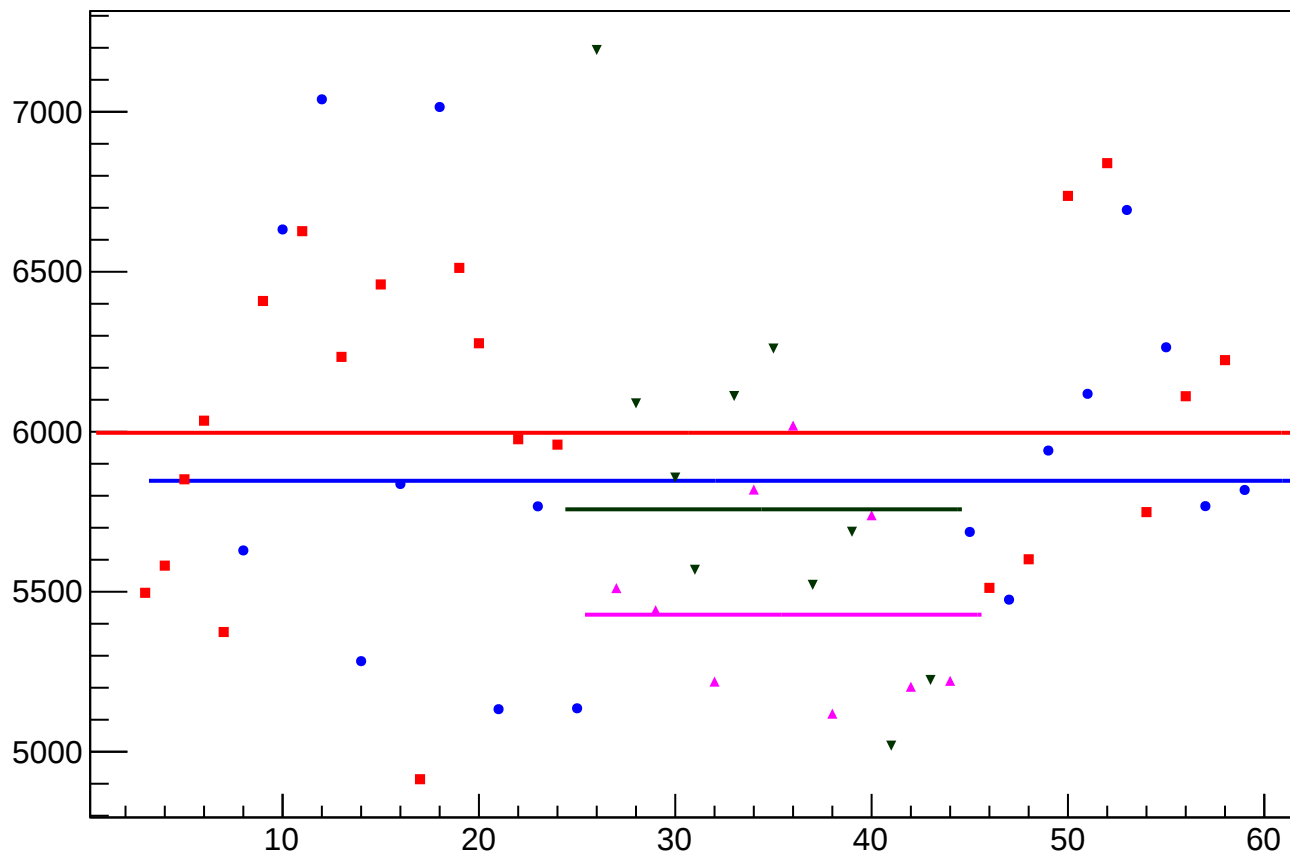
Left Out: 2.274 ± 2.536 χ^2/NDF : 6.4/9

Right Out: -2.194 ± 1.906 χ^2/NDF : 22.8/20

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

-0.641 ± 1.040 χ^2/NDF : 52.5/56

diff_bpm11X_rms vs slug



Right In: 5846.756+/-1.284 χ^2/NDF : 174773.9/16

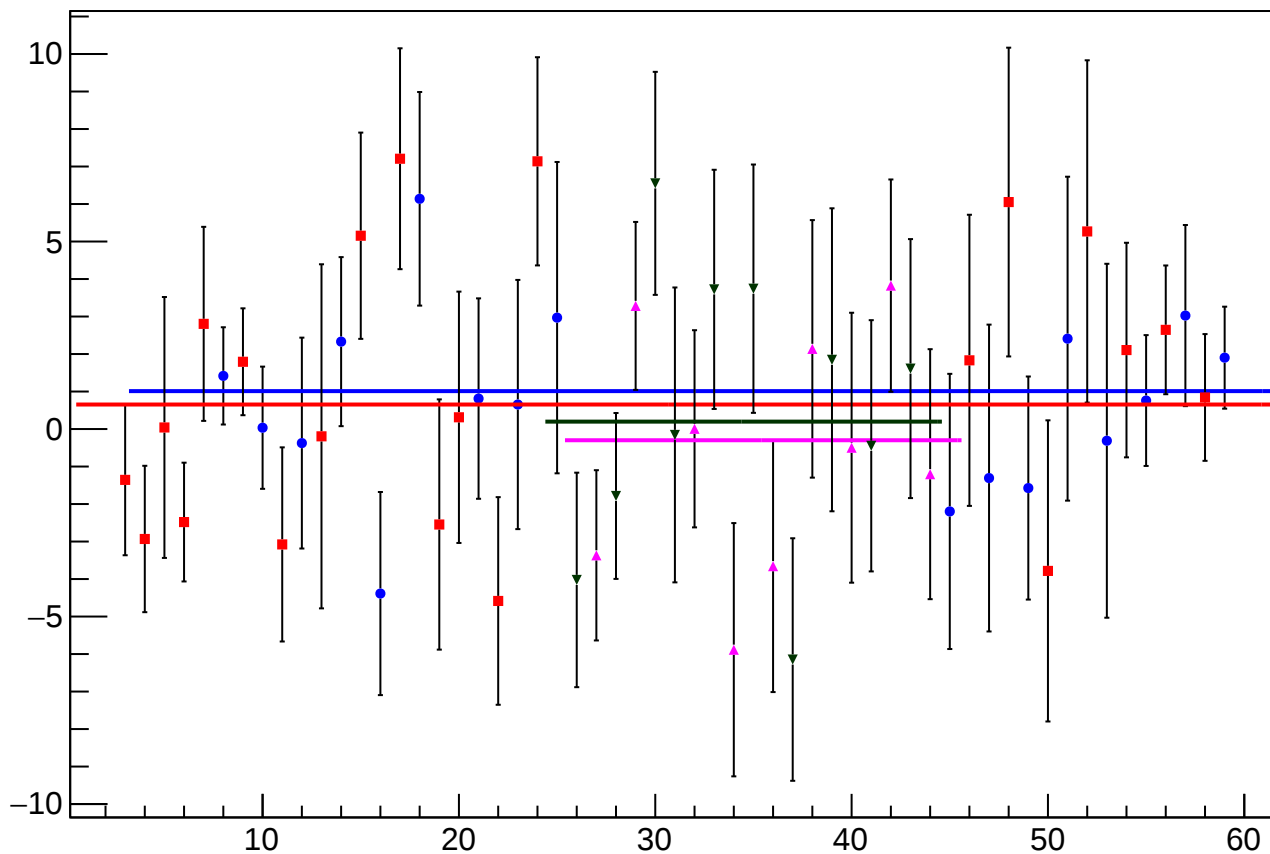
Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

Right Out: 5996.775+/-1.348 χ^2/NDF : 141262.4/20

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

5790.050+/-0.735 χ^2/NDF : 511117.1/56

diff_bpm11Y_mean vs slug



Right In: 1.011 ± 0.556 χ^2/NDF : 11.7/16

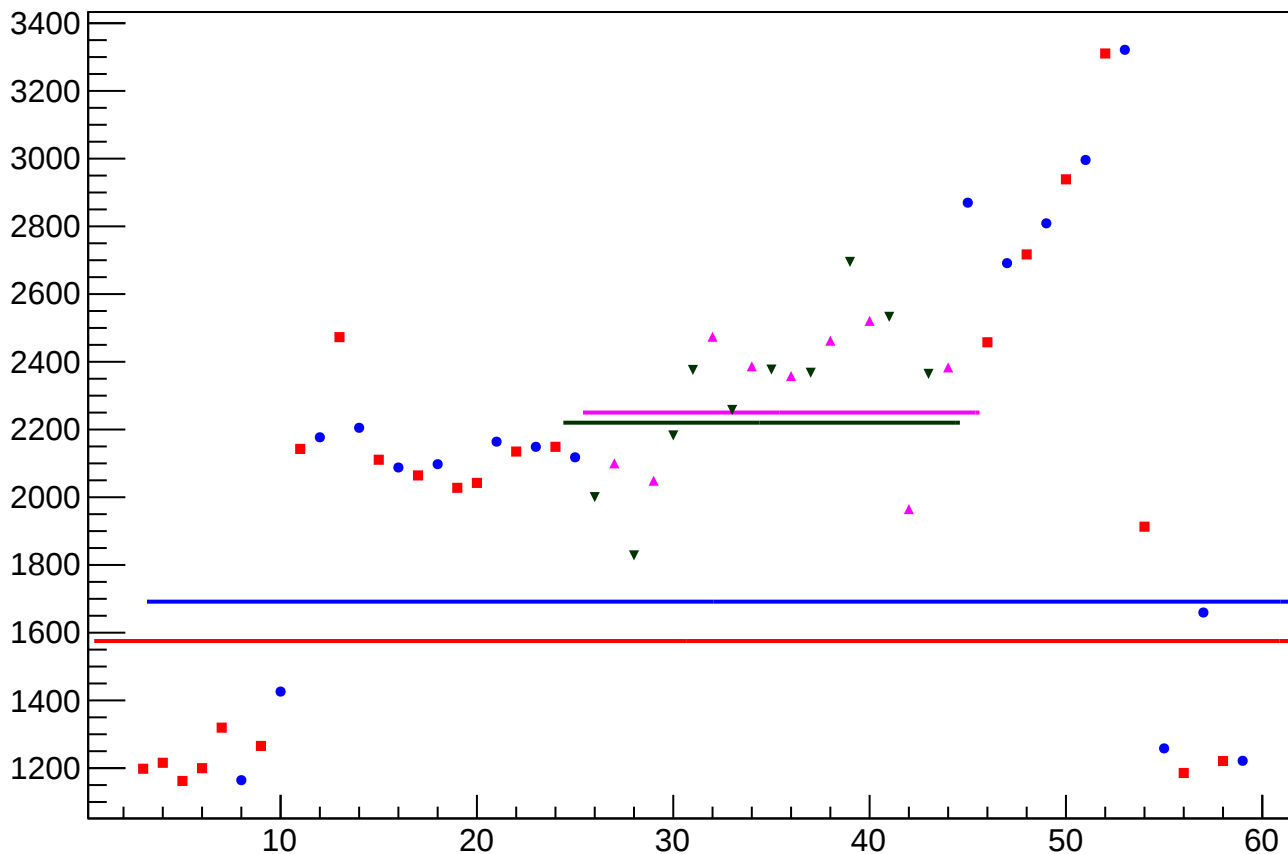
Left Out: 0.198 ± 0.988 χ^2/NDF : 14.1/9

Right Out: 0.654 ± 0.530 χ^2/NDF : 35.0/20

Left In: -0.299 ± 0.957 χ^2/NDF : 10.8/8

0.614 ± 0.335 χ^2/NDF : 73.3/56

diff_bpm11Y_rms vs slug



Right In: 1691.620+/-0.393 χ^2/NDF : 2144050.6/16

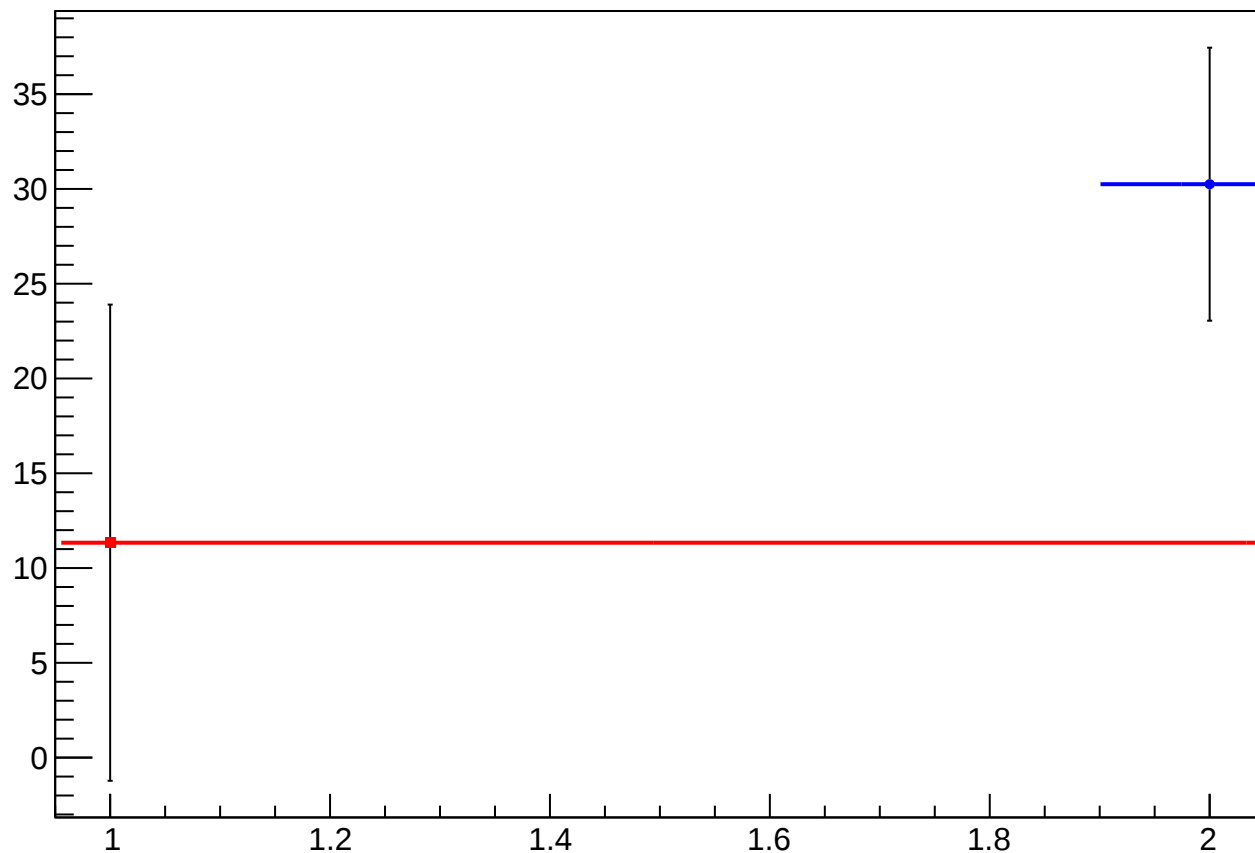
Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

1774.342+/-0.237 χ^2/NDF : 5529487.7/56

Right Out: 1575.487+/-0.375 χ^2/NDF : 1935250.1/20

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

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

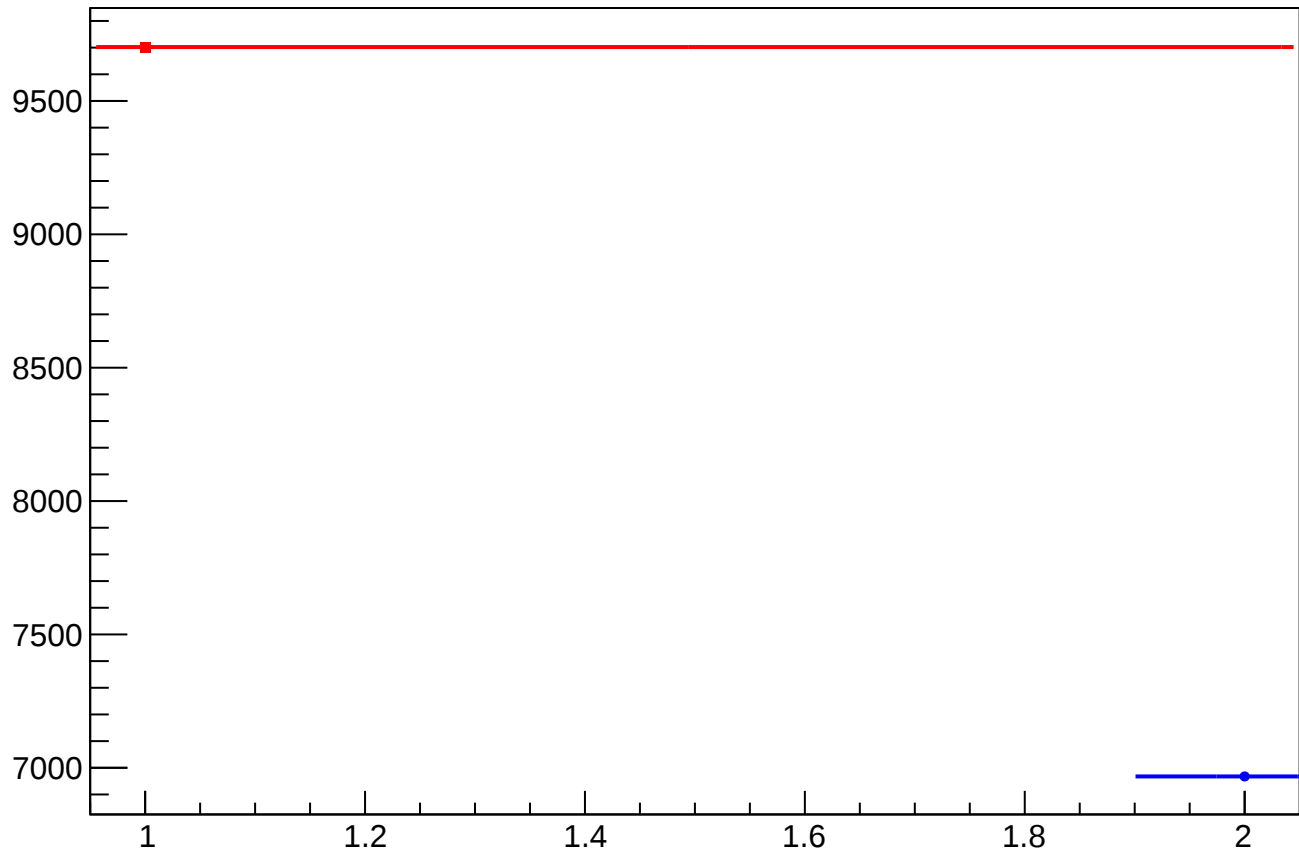
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.337 $\pm$ 12.561 χ^2 /NDF: 0.0/0

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

25.571 $\pm$ 6.248 χ^2 /NDF: 1.7/1

diff_bpm14X_rms vs slug



Right In: 6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

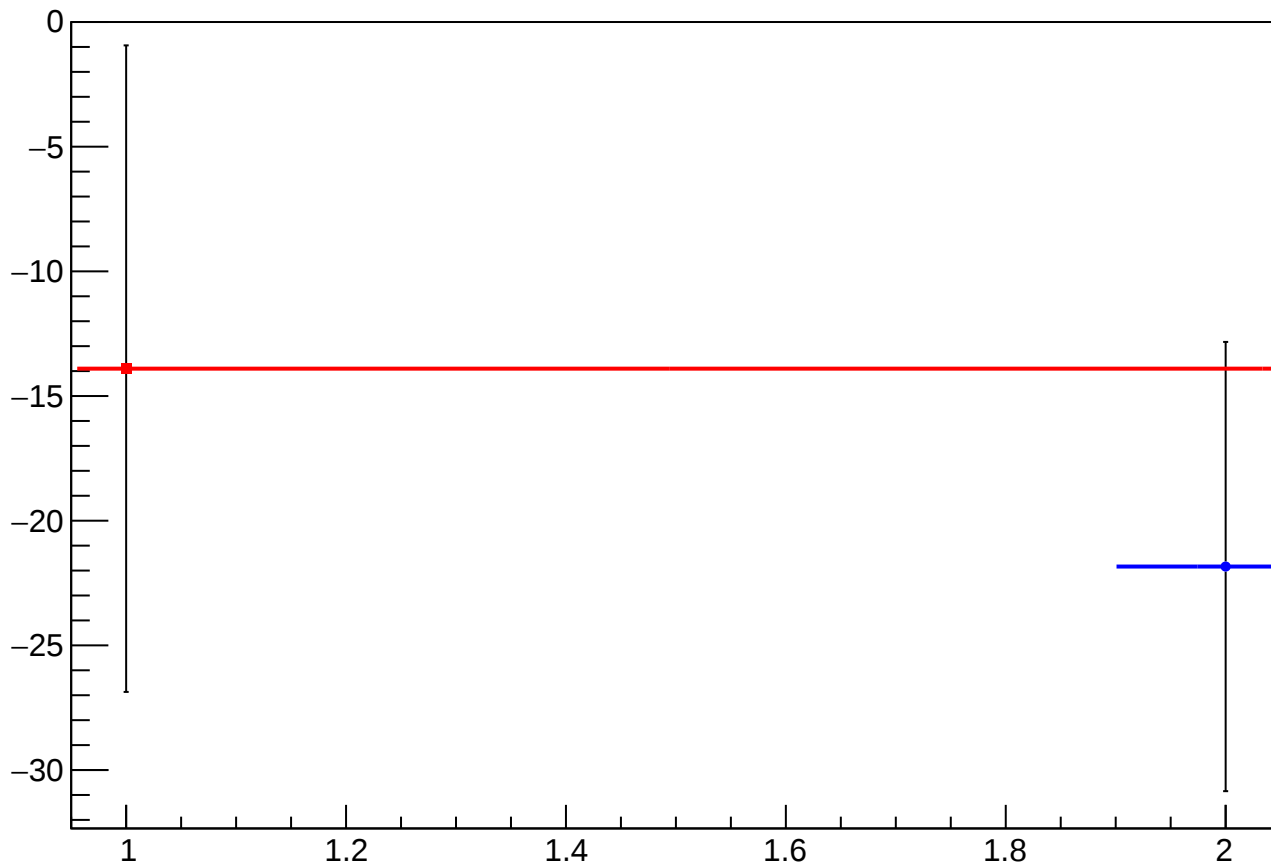
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

7644.206 $\pm$ 4.418 χ^2/NDF : 71341.6/1

diff_bpm14Y_mean vs slug



Right In: -21.839 $\pm$ 9.009 χ^2 /NDF: 0.0/0

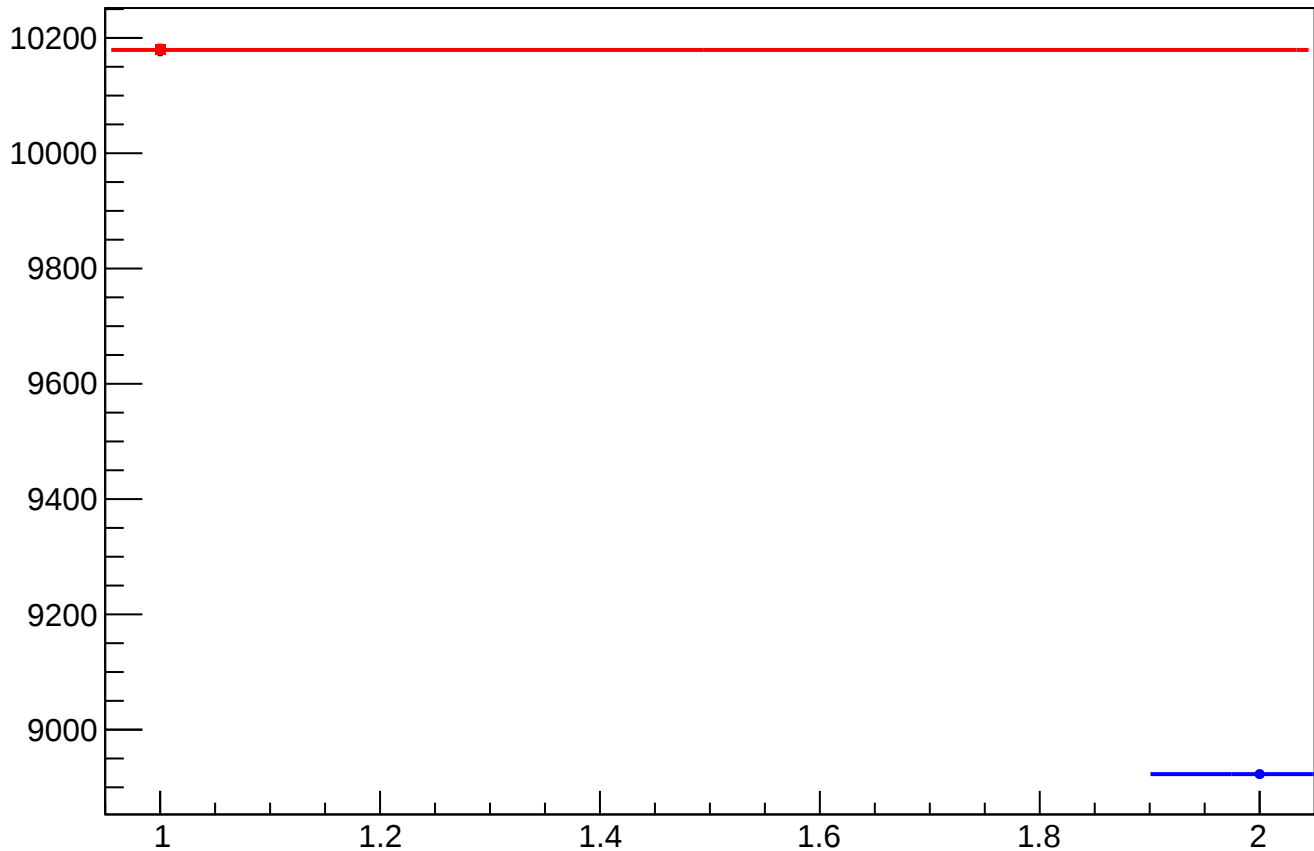
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

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

-19.255 $\pm$ 7.398 χ^2 /NDF: 0.3/1

diff_bpm14Y_rms vs slug



Right In: 8922.874 $\pm$ 6.370 χ^2/NDF : 0.0/0

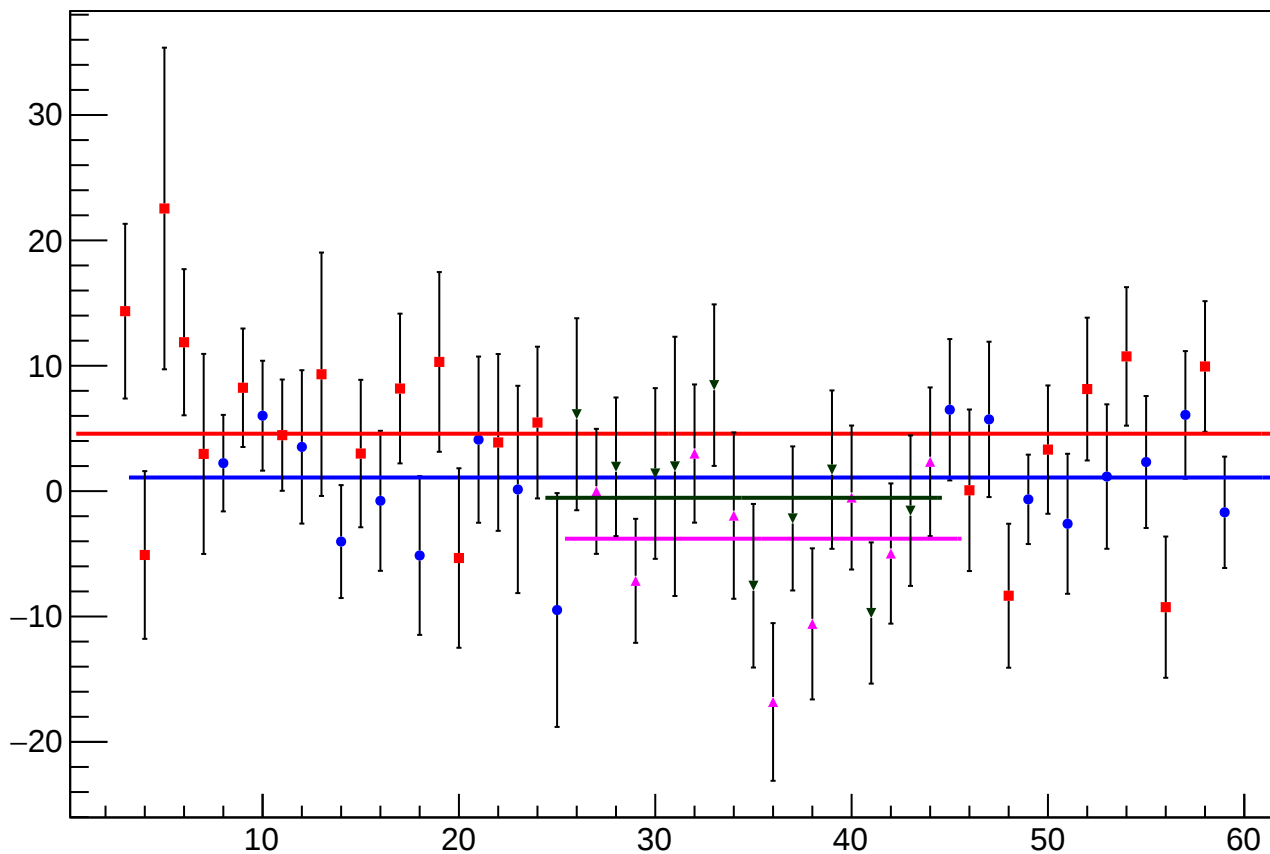
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10179.165 $\pm$ 9.168 χ^2/NDF : 0.0/0

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

9331.930 $\pm$ 5.231 χ^2/NDF : 12664.4/1

diff_bpm16X_mean vs slug



Right In: 1.088 ± 1.265 χ^2/NDF : 8.9/16

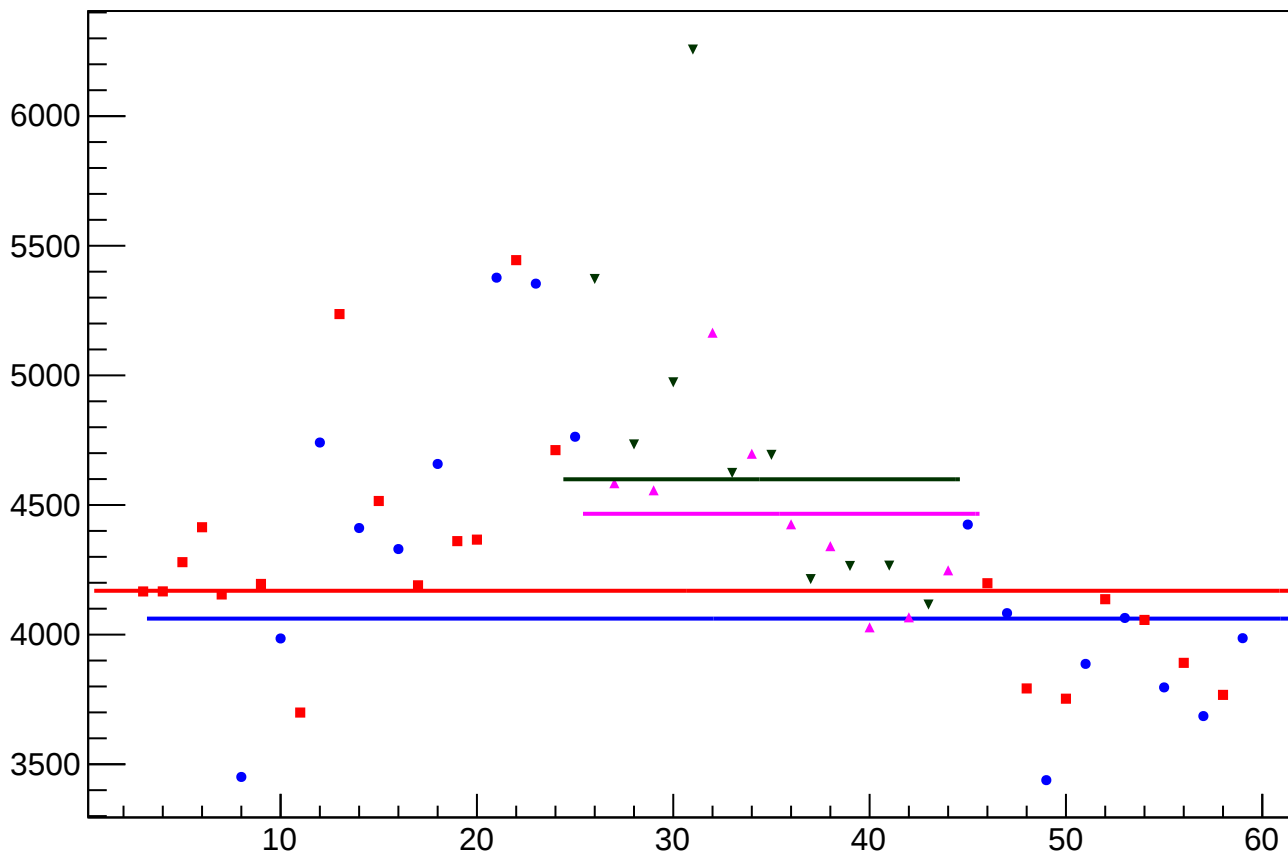
Left Out: -0.532 ± 2.029 χ^2/NDF : 7.1/9

Right Out: 4.581 ± 1.327 χ^2/NDF : 25.8/20

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

1.218 ± 0.763 χ^2/NDF : 65.7/56

diff_bpm16X_rms vs slug



Right In: 4061.774 ± 0.894 $\chi^2/\text{NDF}: 336930.3/16$

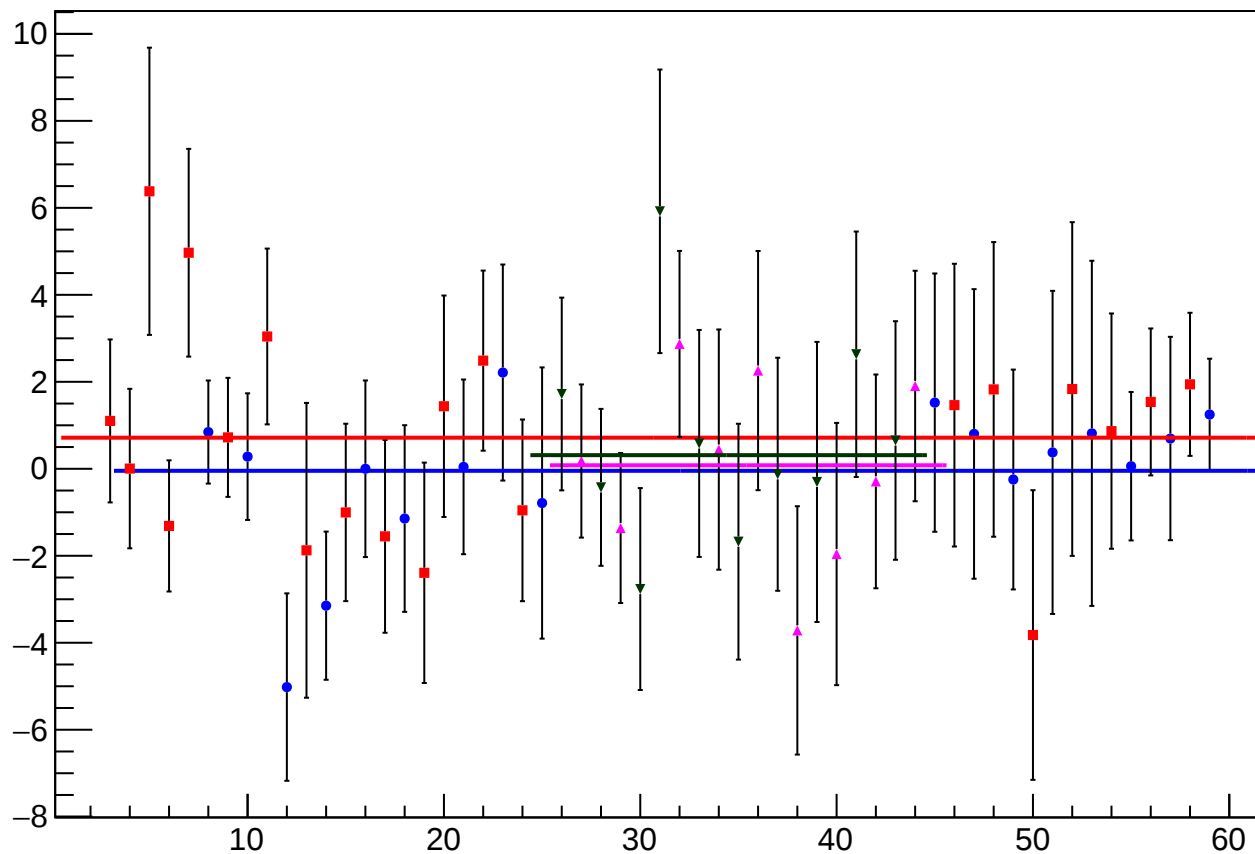
Left Out: 4599.203 ± 1.435 $\chi^2/\text{NDF}: 113974.5/9$

Right Out: 4169.133 ± 0.938 $\chi^2/\text{NDF}: 181284.7/20$

Left In: 4466.079 ± 1.336 $\chi^2/\text{NDF}: 61840.0/8$

4239.365 ± 0.540 $\chi^2/\text{NDF}: 830818.1/56$

diff_bpm16Y_mean vs slug



Right In: -0.046 ± 0.480 $\chi^2/\text{NDF}: 11.9/16$

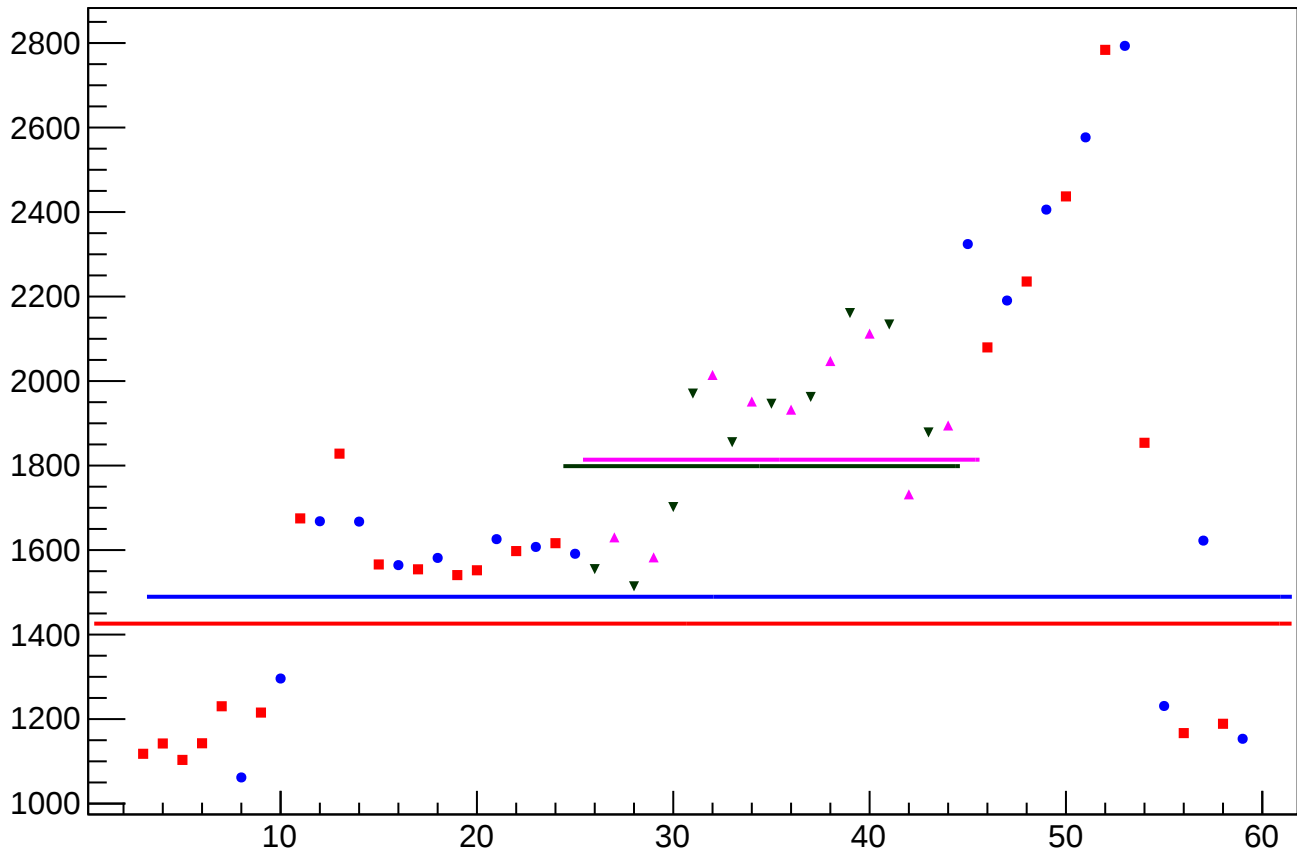
Left Out: 0.314 ± 0.799 $\chi^2/\text{NDF}: 6.6/9$

Right Out: 0.715 ± 0.468 $\chi^2/\text{NDF}: 17.6/20$

Left In: 0.081 ± 0.771 $\chi^2/\text{NDF}: 5.8/8$

0.304 ± 0.287 $\chi^2/\text{NDF}: 43.3/56$

diff_bpm16Y_rms vs slug



Right In: 1489.522+/-0.339 χ^2/NDF : 1439802.2/16

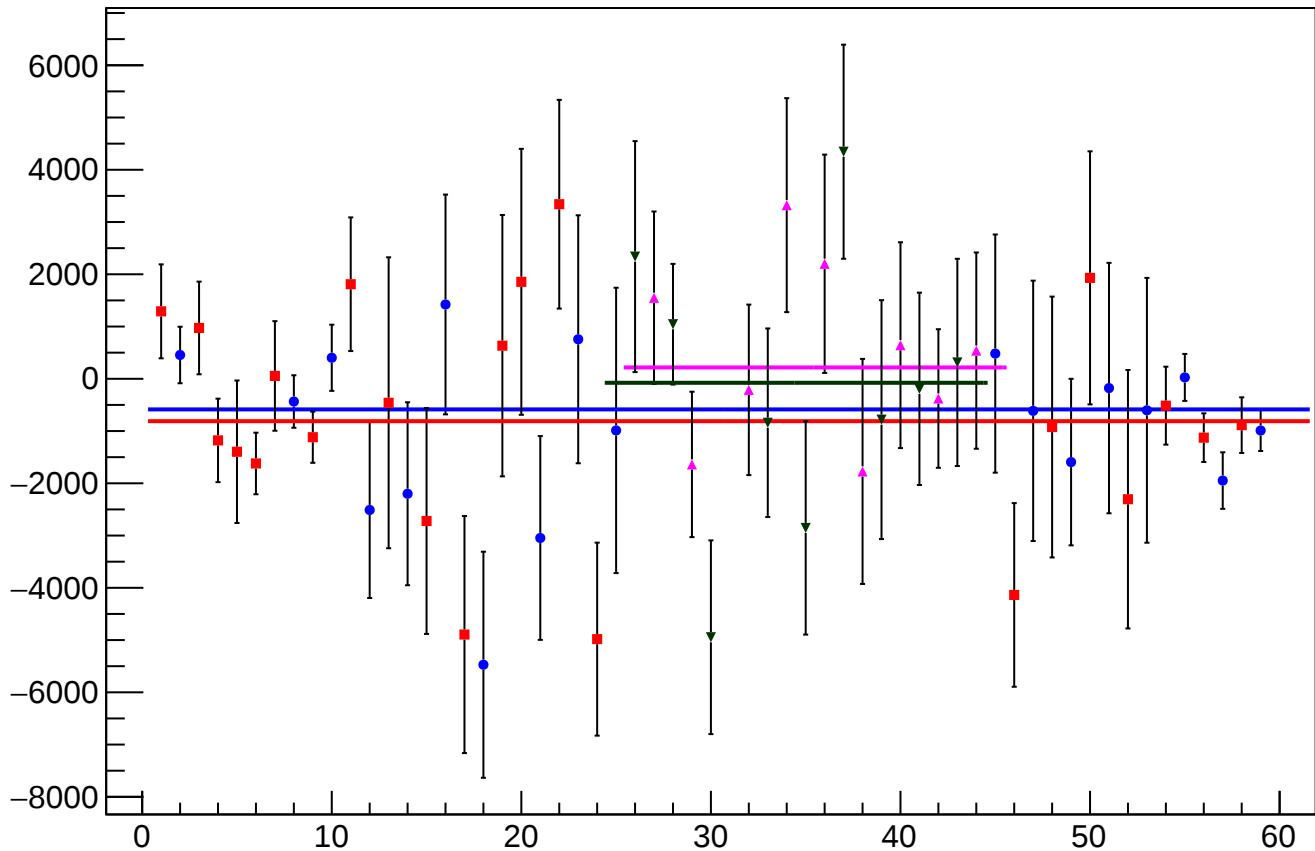
Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

1550.335+/-0.203 χ^2/NDF : 3448861.8/56

Right Out: 1425.925+/-0.331 χ^2/NDF : 1134958.5/20

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

asym_sam1_mean vs slug



Right In: -585.884 ± 190.719 χ^2/NDF : 26.2/17

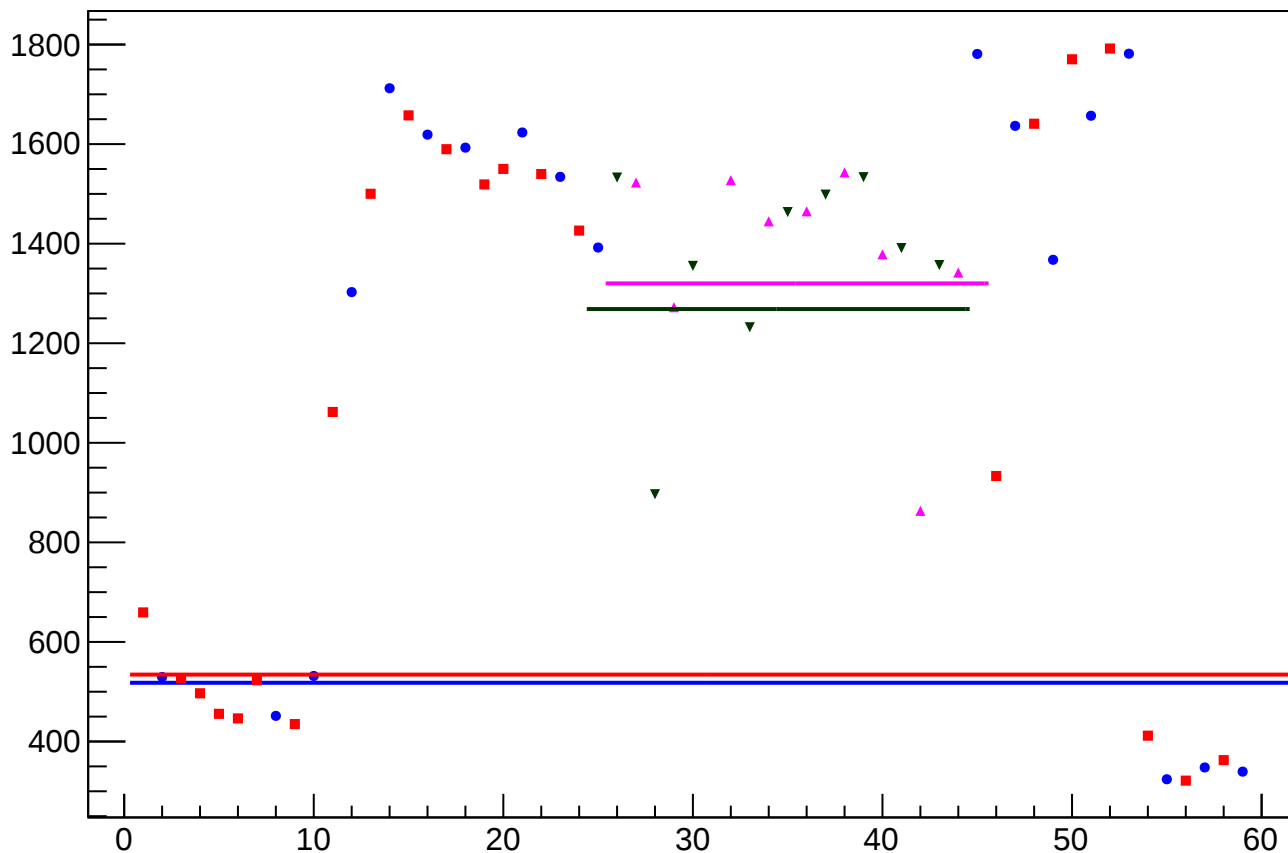
Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

-617.320 ± 130.568 χ^2/NDF : 90.7/57

Right Out: -811.072 ± 198.649 χ^2/NDF : 37.8/21

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

asym_sam1_rms vs slug



Right In: 517.969+/-0.135 χ^2/NDF : 7175753.0/17

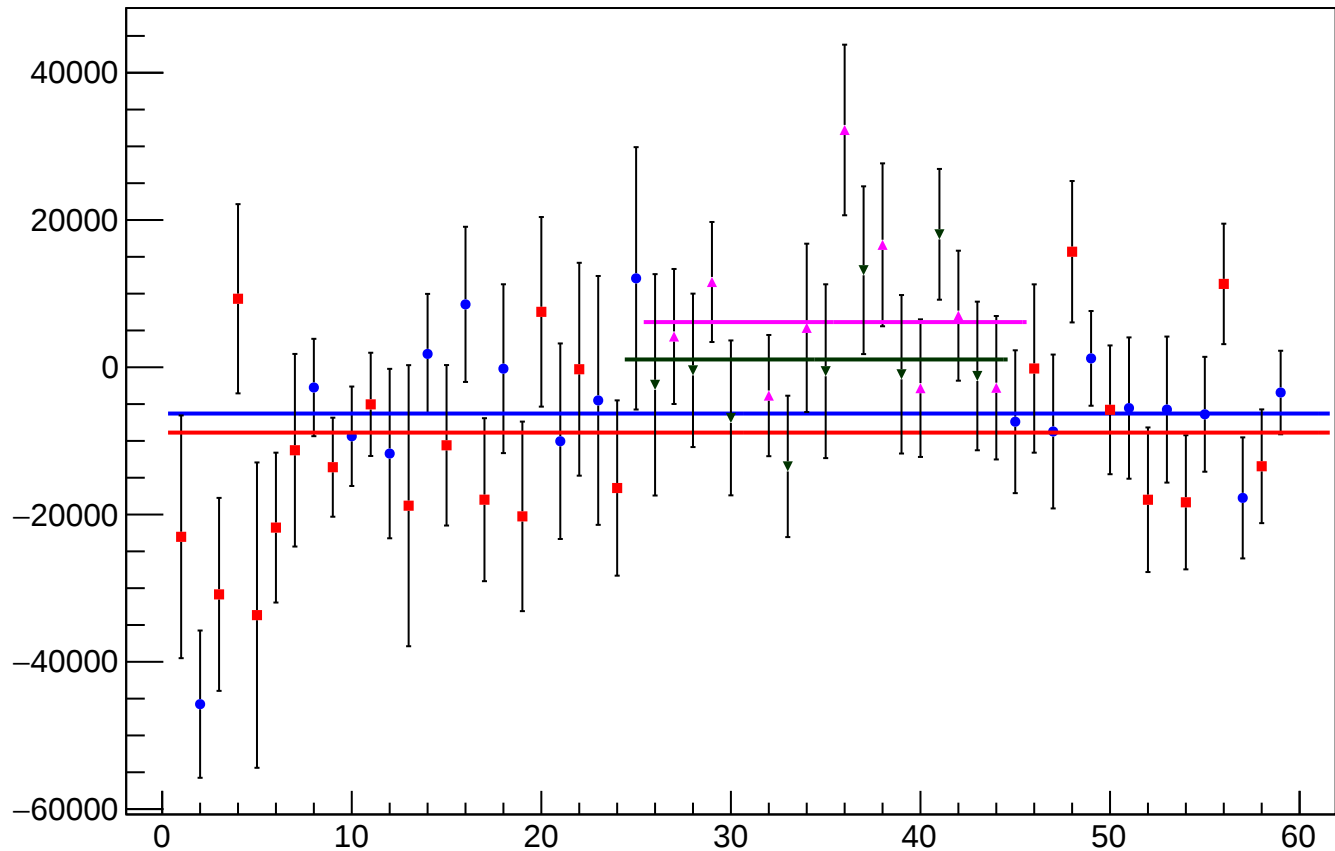
Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

Right Out: 534.394+/-0.140 χ^2/NDF : 5549513.5/21

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

602.292+/-0.092 χ^2/NDF : 19625752.7/57

asym_sam2_mean vs slug



Right In: -6282.756 $\pm$ 2068.735 χ^2 /NDF: 24.3/17

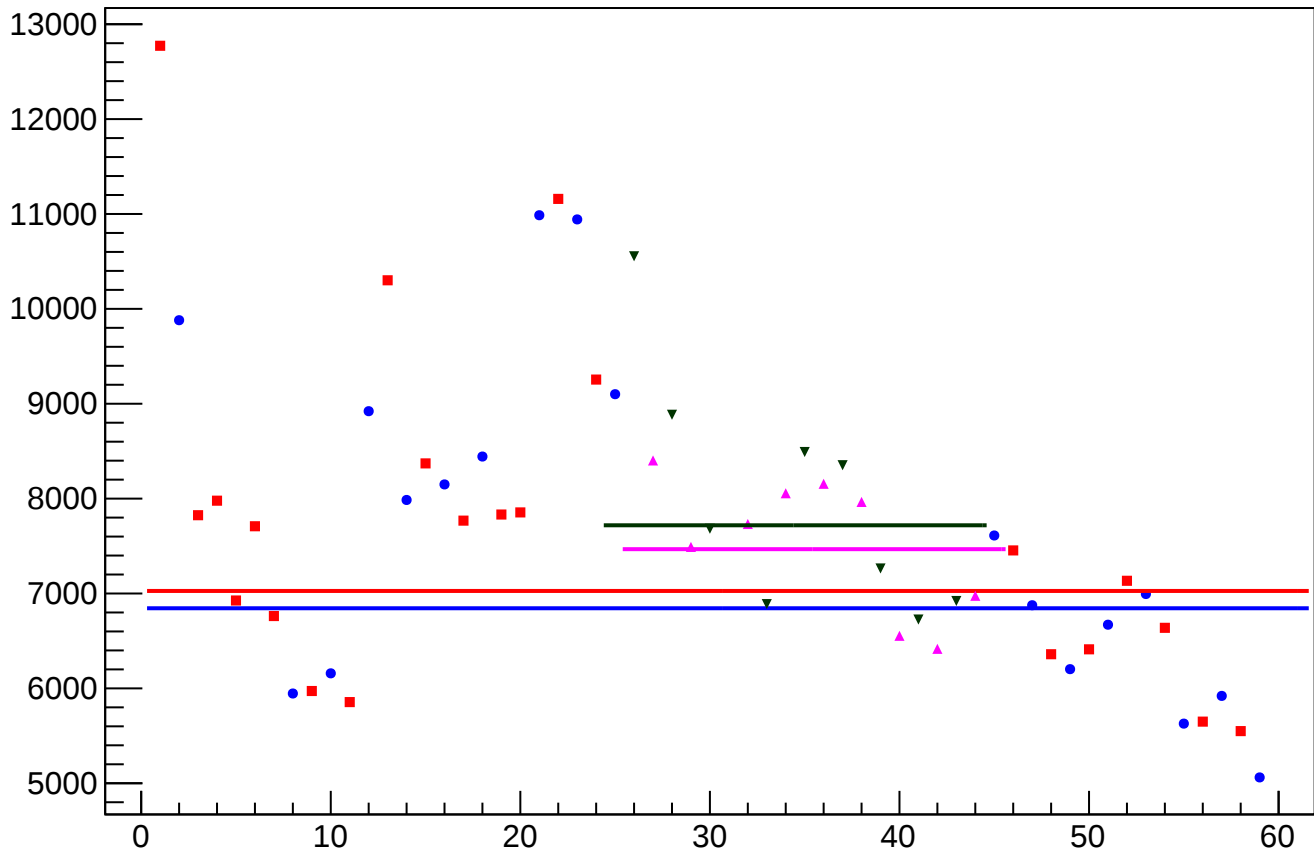
Left Out: 1060.376 $\pm$ 3545.636 χ^2 /NDF: 7.8/8

-4189.103 $\pm$ 1272.233 χ^2 /NDF: 89.4/57

Right Out: -8871.618 $\pm$ 2209.696 χ^2 /NDF: 29.2/21

Left In: 6136.125 $\pm$ 3165.179 χ^2 /NDF: 9.7/8

asym_sam2_rms vs slug



Right In: 6844.392+/-1.463 χ^2 /NDF: 1065224.5/17

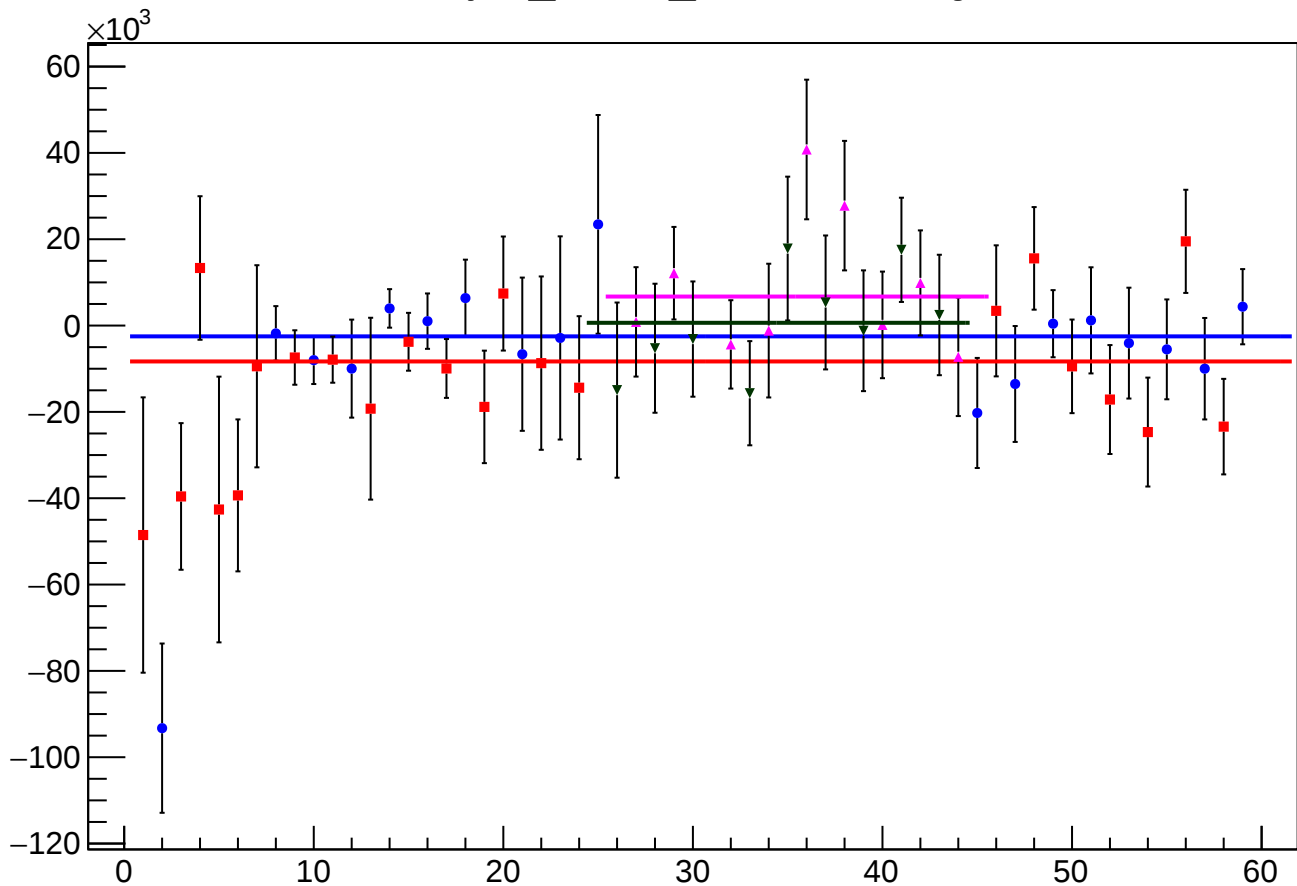
Left Out: 7718.910+/-2.507 χ^2 /NDF:166985.2/8

7118.089+/-0.900 χ^2 /NDF: 2324538.1/57

Right Out: 7026.855+/-1.562 χ^2 /NDF: 880304.4/21

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

asym_sam3_mean vs slug



Right In: -2503.062 ± 2082.838 $\chi^2/\text{NDF}: 31.3/17$

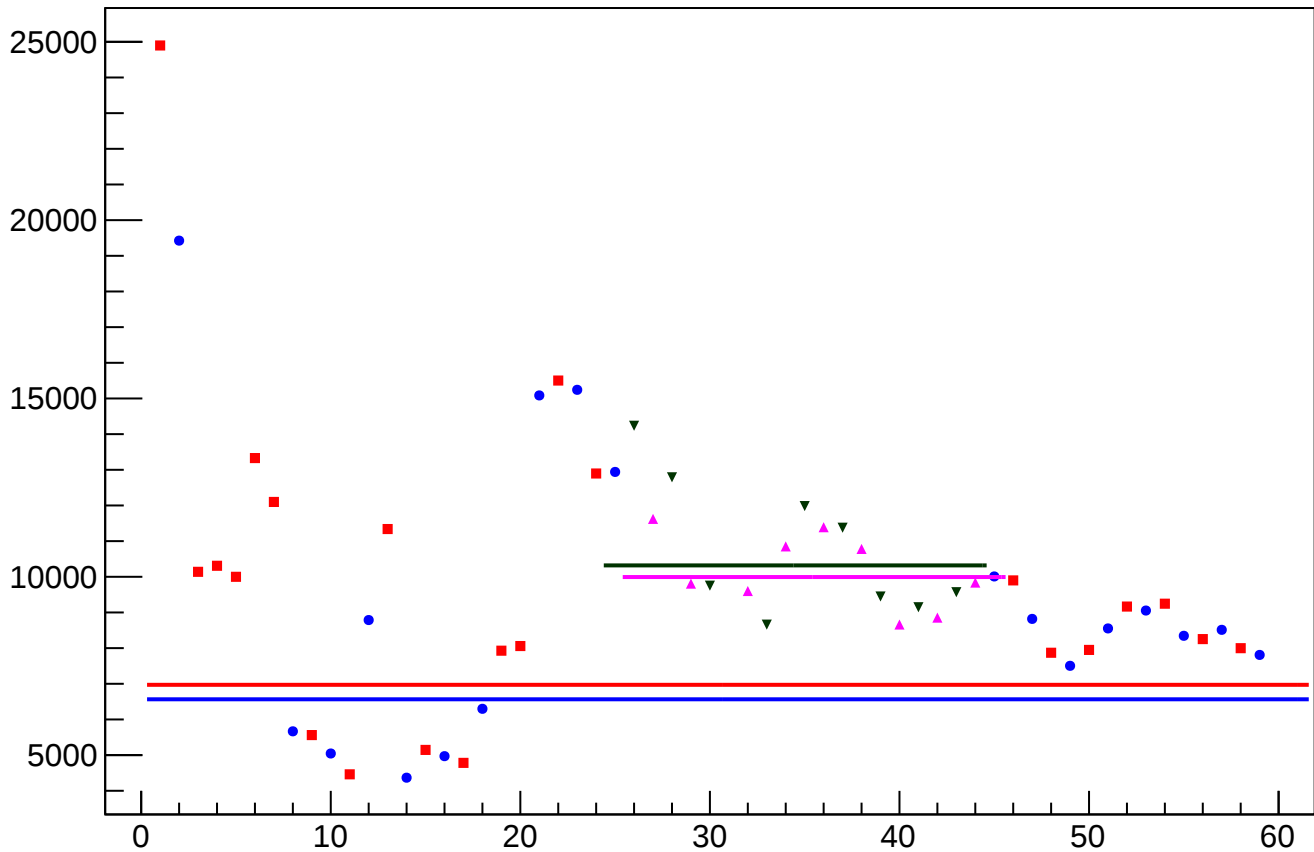
Left Out: 639.789 ± 4753.910 $\chi^2/\text{NDF}: 5.8/8$

-3332.901 ± 1392.063 $\chi^2/\text{NDF}: 86.0/57$

Right Out: -8313.951 ± 2320.179 $\chi^2/\text{NDF}: 28.1/21$

Left In: 6721.702 ± 4244.047 $\chi^2/\text{NDF}: 9.7/8$

asym_sam3_rms vs slug



Right In: 6565.265+/-1.473 χ^2/NDF : 3099662.5/17

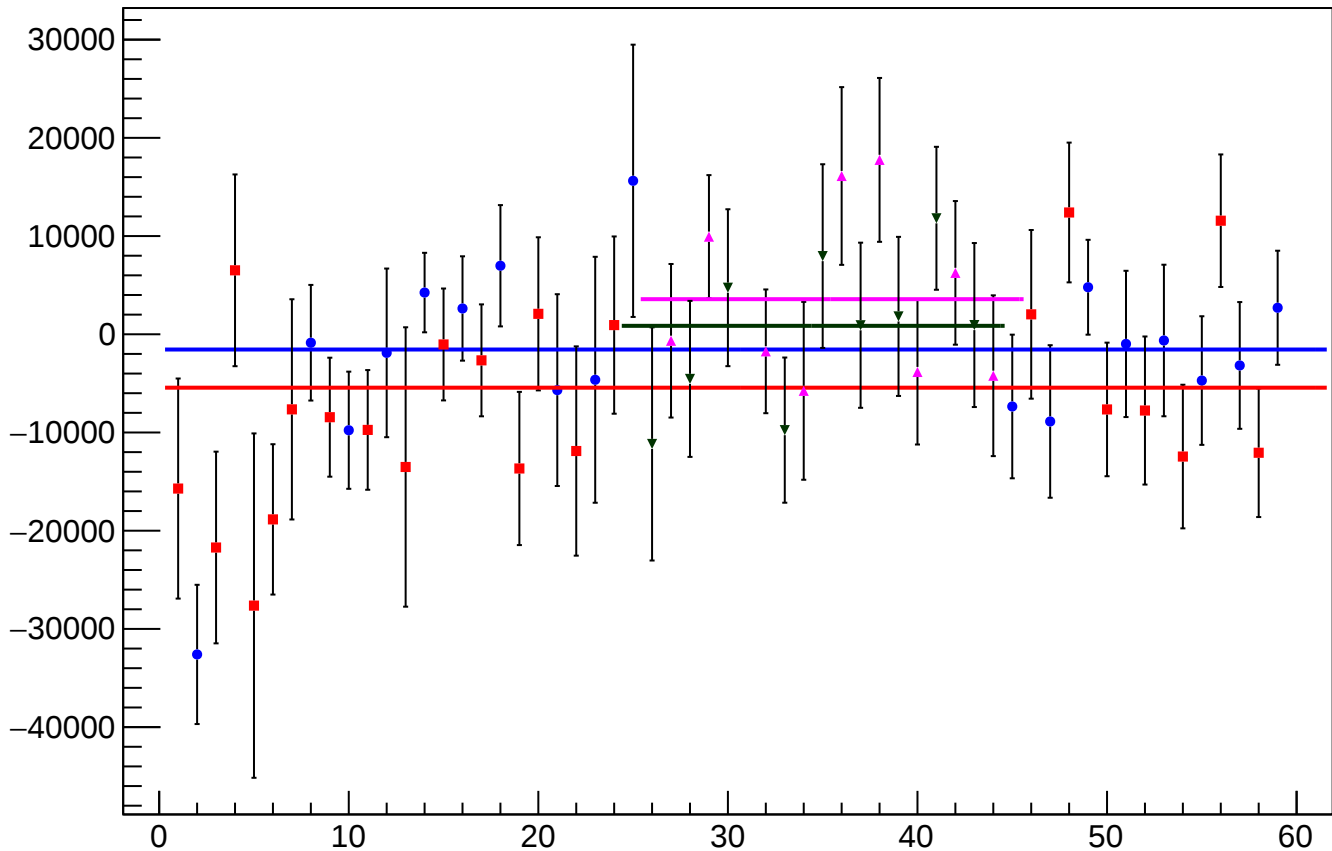
Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

7402.087+/-0.984 χ^2/NDF : 8375192.1/57

Right Out: 6971.174+/-1.641 χ^2/NDF : 3048541.7/21

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

asym_sam4_mean vs slug



Right In: -1552.067+/-1533.551 χ^2/NDF : 31.5/17

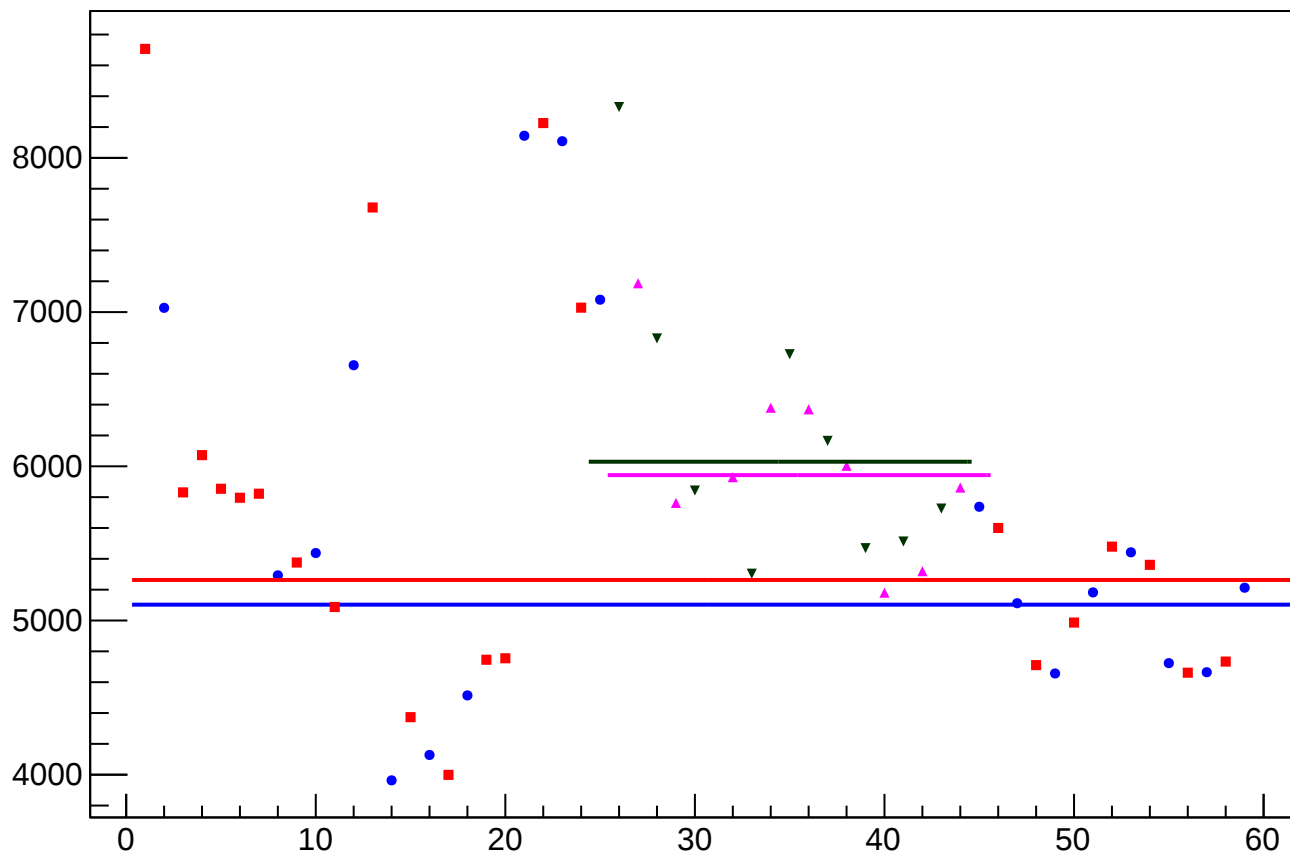
Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

-1835.680+/-961.164 χ^2/NDF : 88.7/57

Right Out: -5437.234+/-1647.336 χ^2/NDF : 30.2/21

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

asym_sam4_rms vs slug



Right In: 5102.758+/-1.084 χ^2/NDF : 868083.9/17

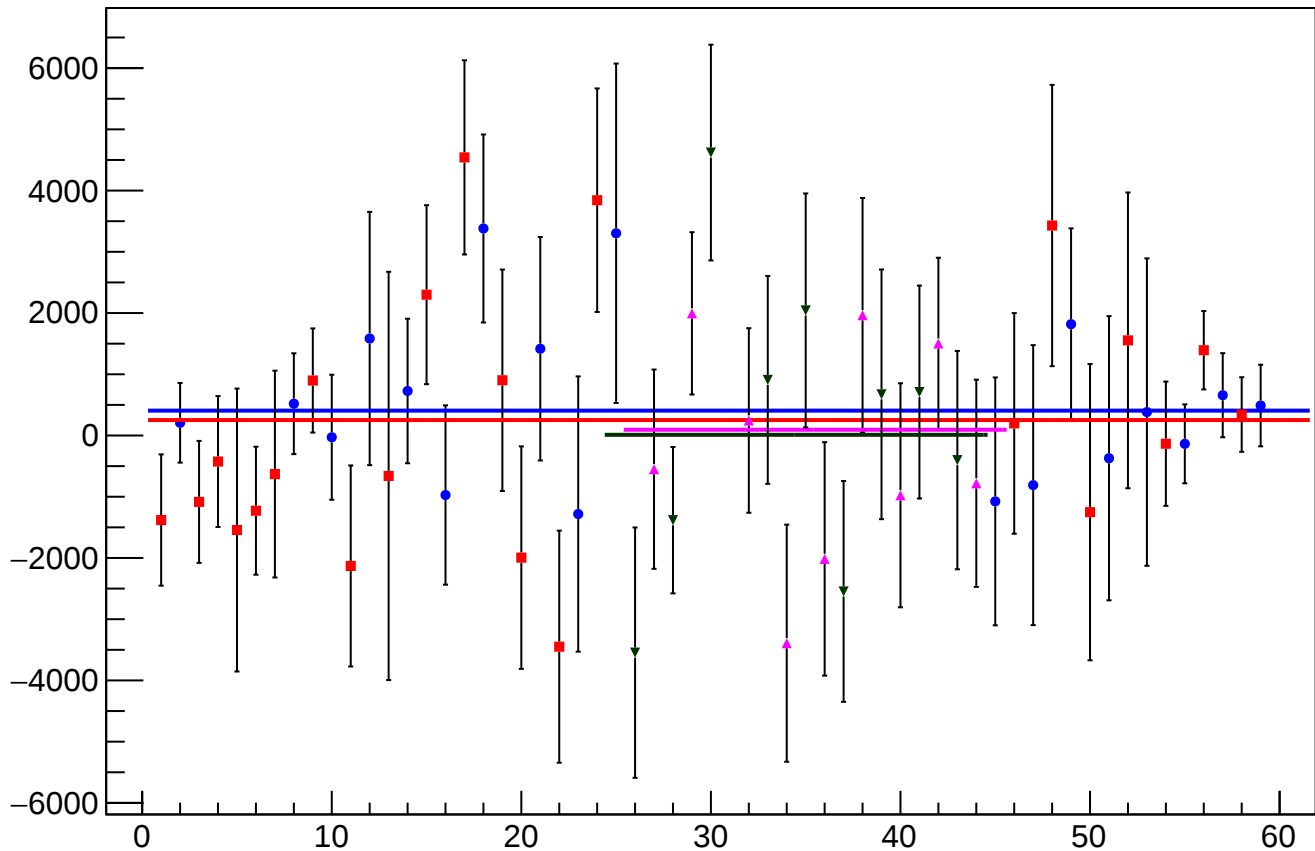
Left Out: 6029.703+/-1.954 χ^2/NDF : 149738.9/8

Right Out: 5262.948+/-1.165 χ^2/NDF : 731586.3/21

Left In: 5942.884+/-1.780 χ^2/NDF : 97554.3/8

5391.895+/-0.680 χ^2/NDF : 2132662.3/57

asym_sam5_mean vs slug



Right In: 406.427+/-256.189 χ^2/NDF : 9.9/17

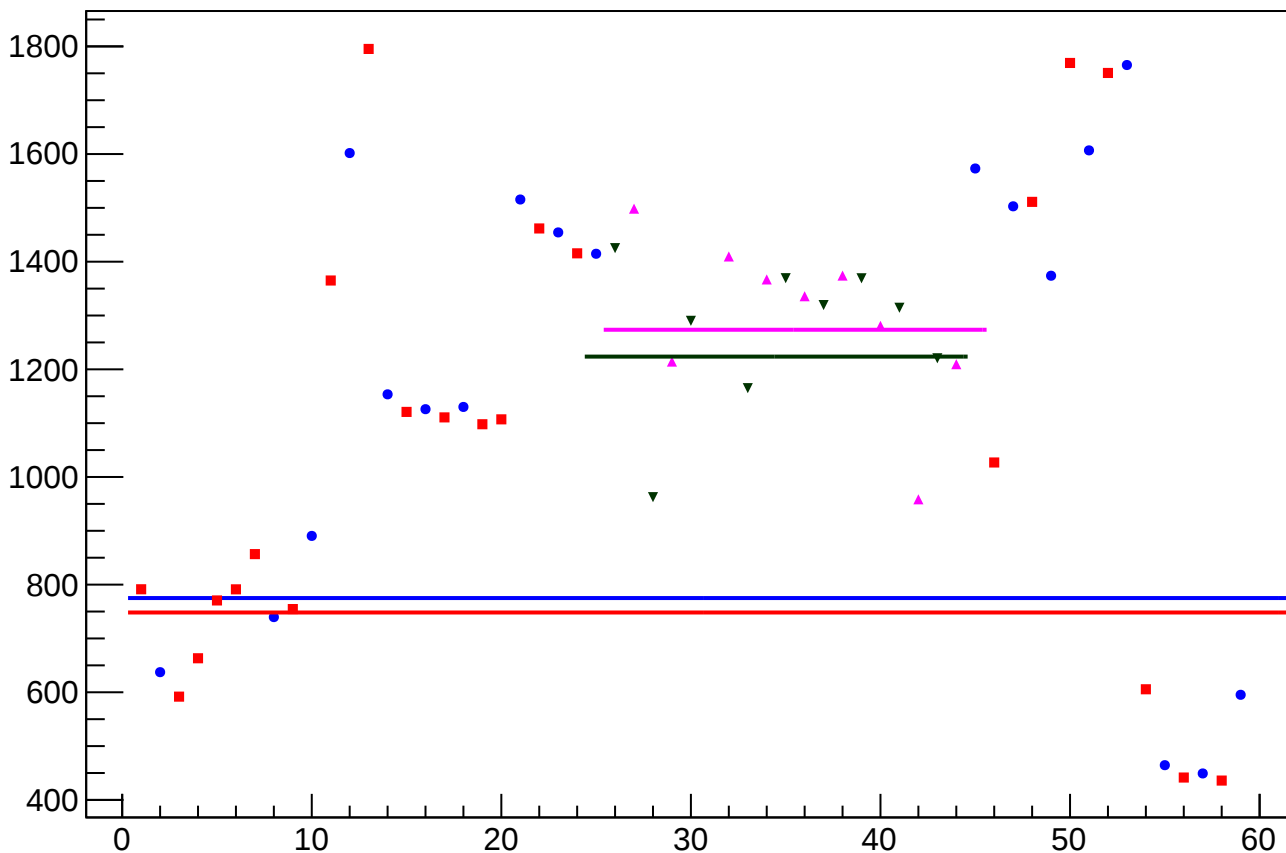
Left Out: 11.403+/-570.182 χ^2/NDF :15.0/8

281.552+/-165.018 χ^2/NDF : 69.5/57

Right Out: 252.230+/-257.763 χ^2/NDF : 34.7/21

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

asym_sam5_rms vs slug



Right In: 775.057+/-0.181 χ^2/NDF : 3919287.9/17

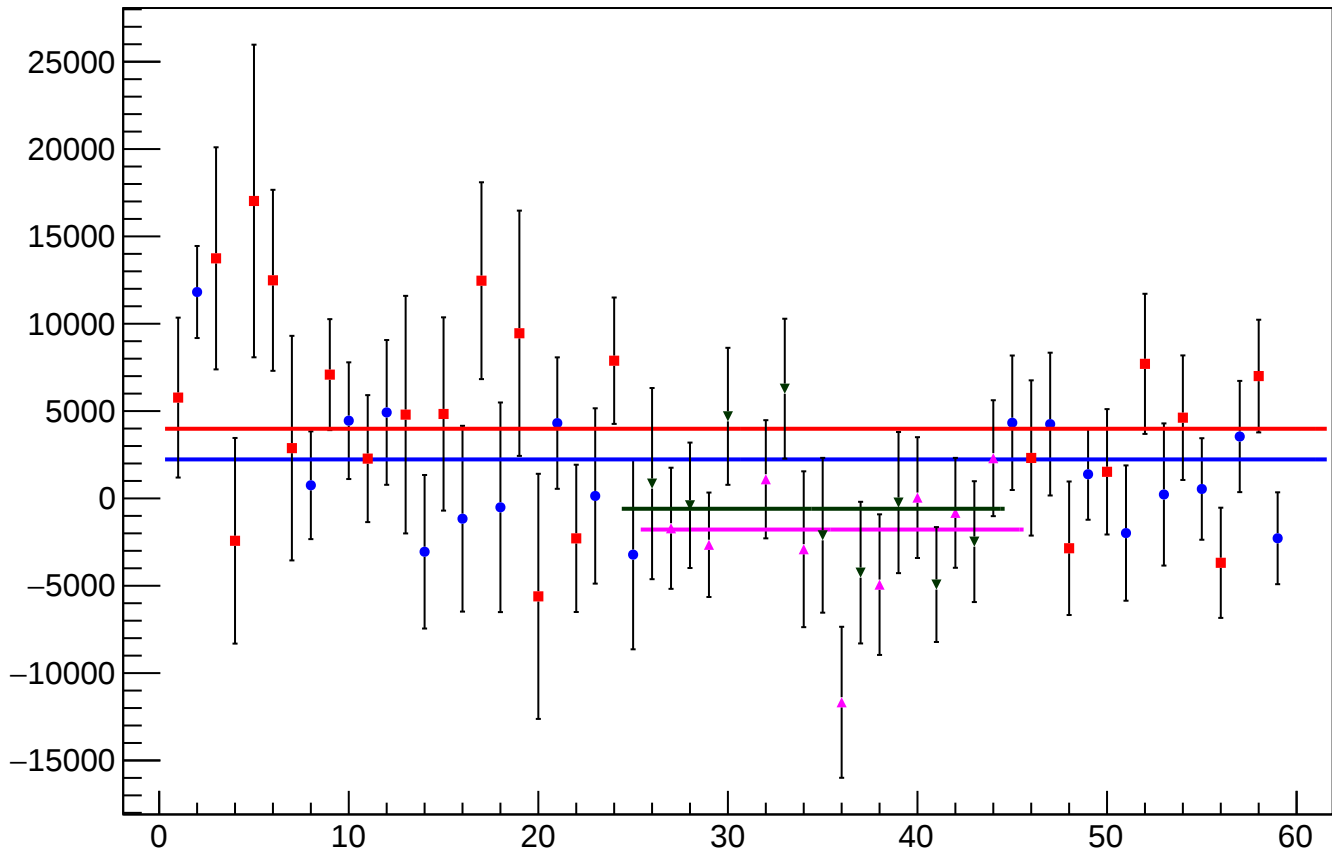
Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

Right Out: 748.222+/-0.182 χ^2/NDF : 3488524.4/21

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

847.245+/-0.117 χ^2/NDF : 10282690.7/57

asym_sam6_mean vs slug



Right In: 2232.786 $\pm$ 839.285 χ^2 /NDF: 23.4/17

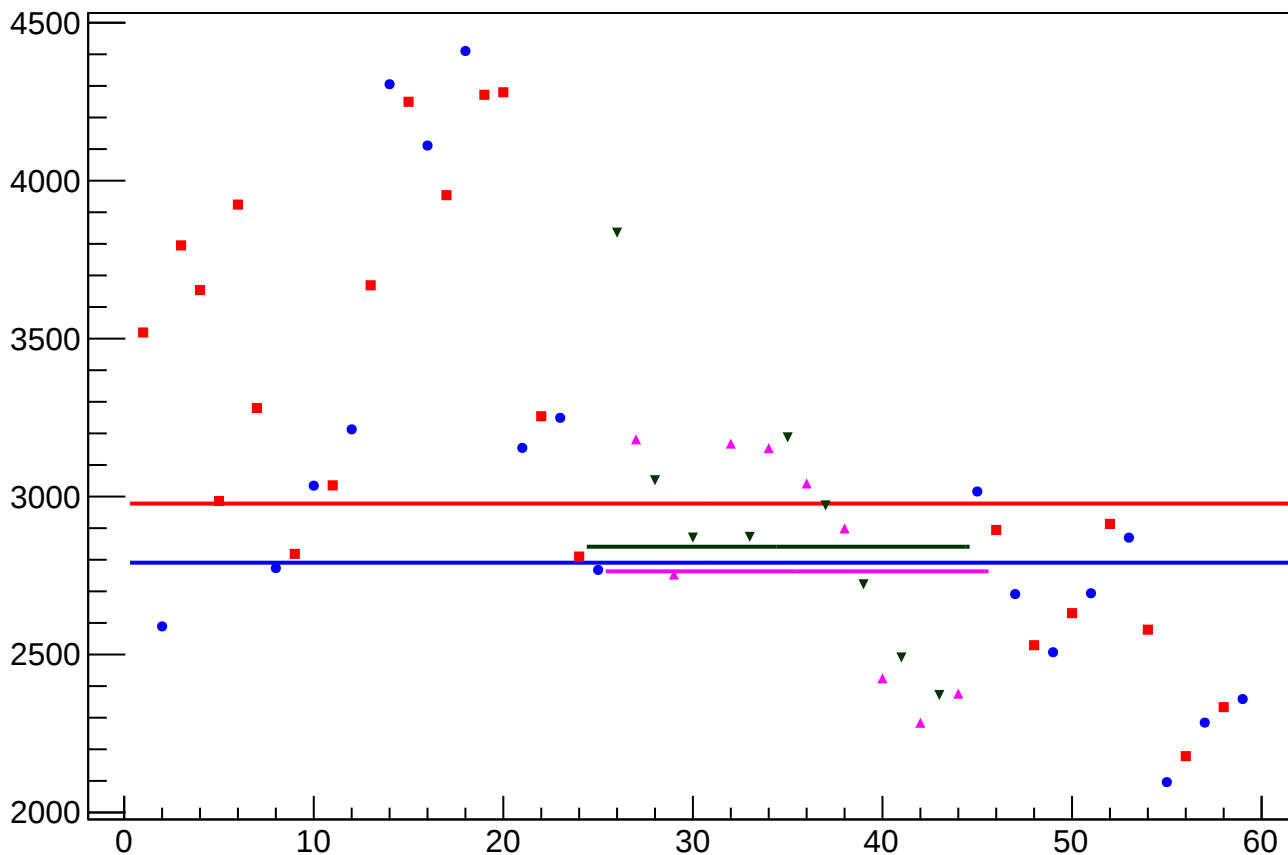
Left Out: -592.543 $\pm$ 1304.748 χ^2 /NDF: 7.8/8

1572.557 $\pm$ 508.076 χ^2 /NDF: 87.4/57

Right Out: 3987.707 $\pm$ 935.216 χ^2 /NDF: 29.4/21

Left In: -1782.022 $\pm$ 1175.711 χ^2 /NDF: 8.6/8

asym_sam6_rms vs slug



Right In: 2790.717 ± 0.593 χ^2/NDF : 837615.7/17

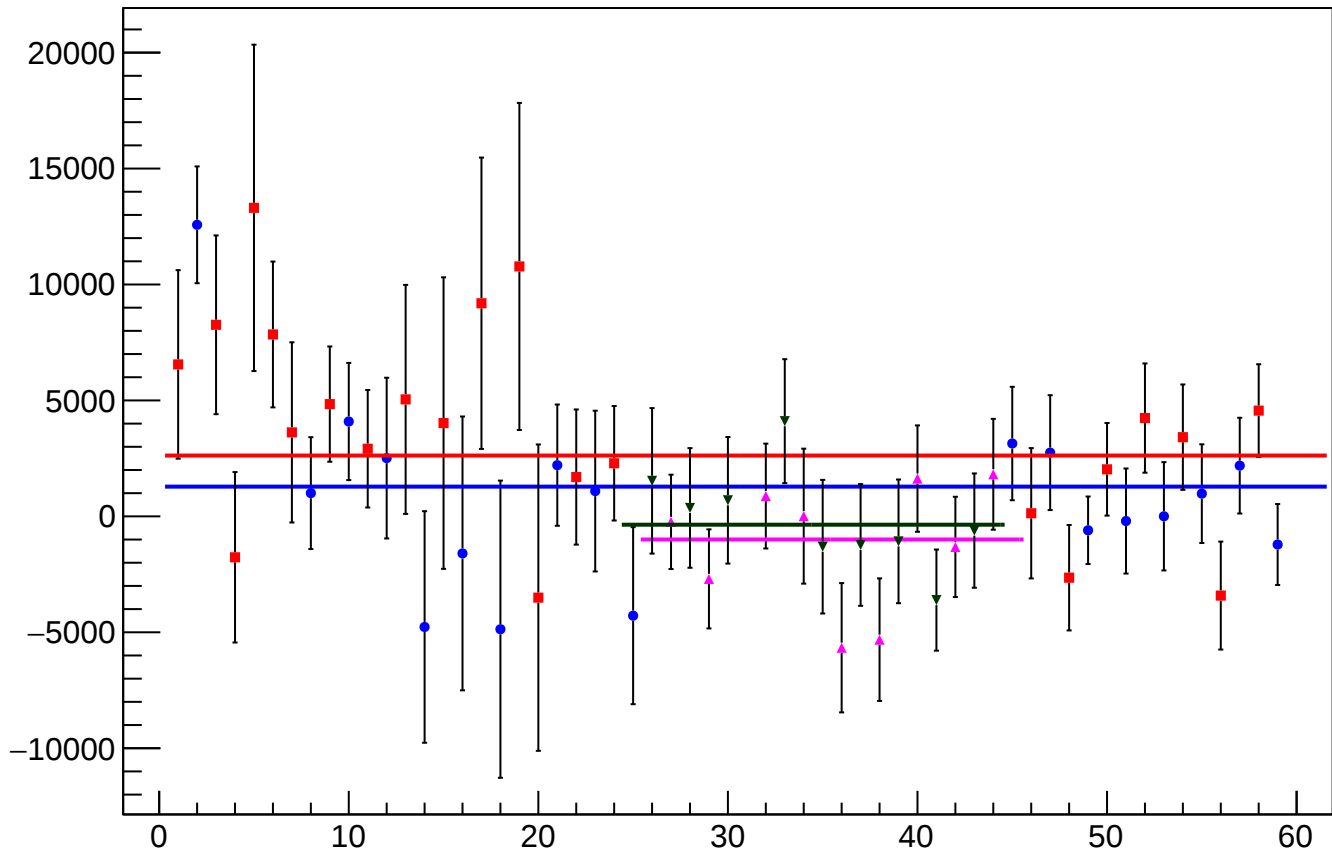
Left Out: 2841.264 ± 0.923 χ^2/NDF : 148700.6/8

Right Out: 2977.862 ± 0.661 χ^2/NDF : 781059.9/21

Left In: 2763.332 ± 0.831 χ^2/NDF : 176305.8/8

2848.503 ± 0.359 χ^2/NDF : 2001985.2/57

asym_sam7_mean vs slug



Right In: 1282.011 $\pm$ 584.766 χ^2 /NDF: 31.9/17

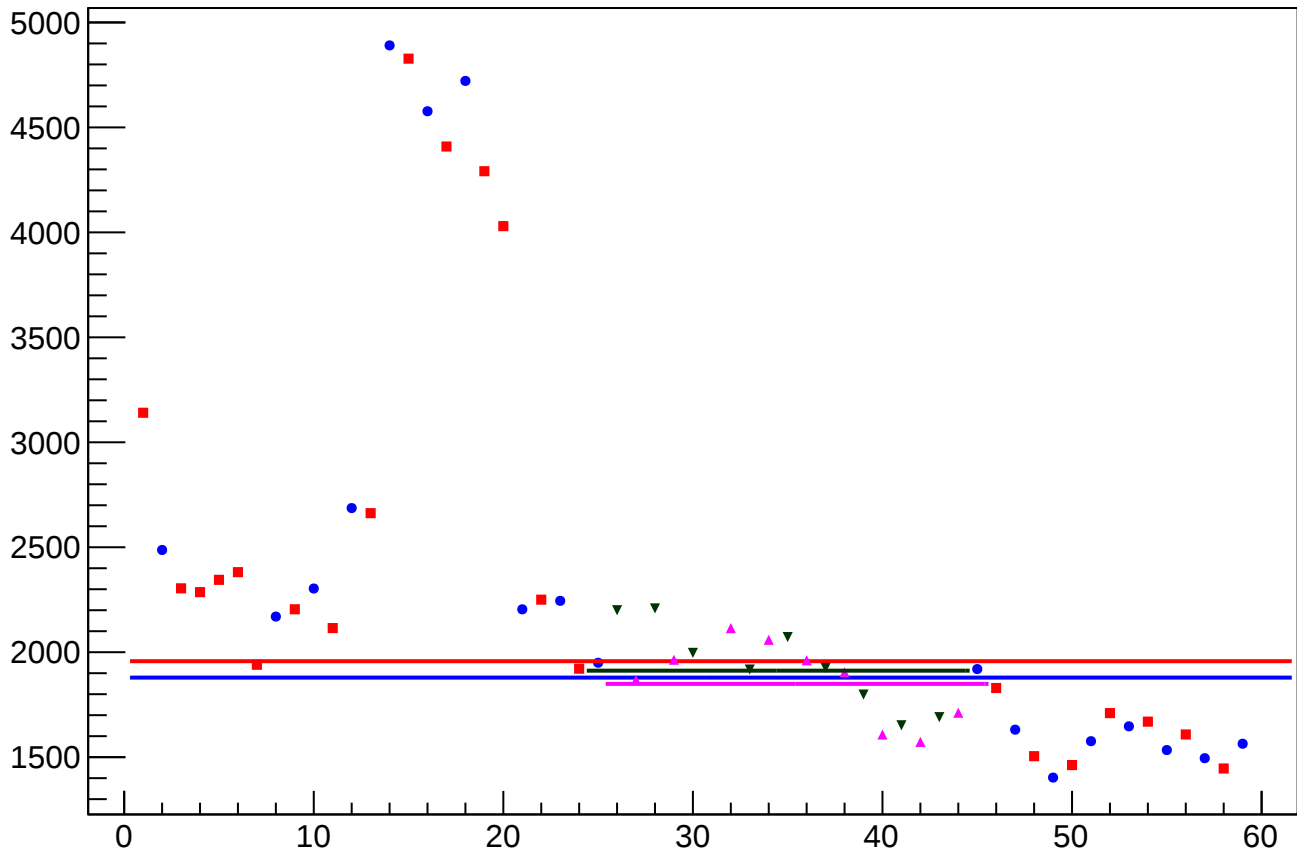
Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

983.491 $\pm$ 345.874 χ^2 /NDF: 92.0/57

Right Out: 2622.537 $\pm$ 632.093 χ^2 /NDF: 28.6/21

Left In: -997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

asym_sam7_rms vs slug



Right In: 1879.027+/-0.413 χ^2/NDF : 2380039.8/17

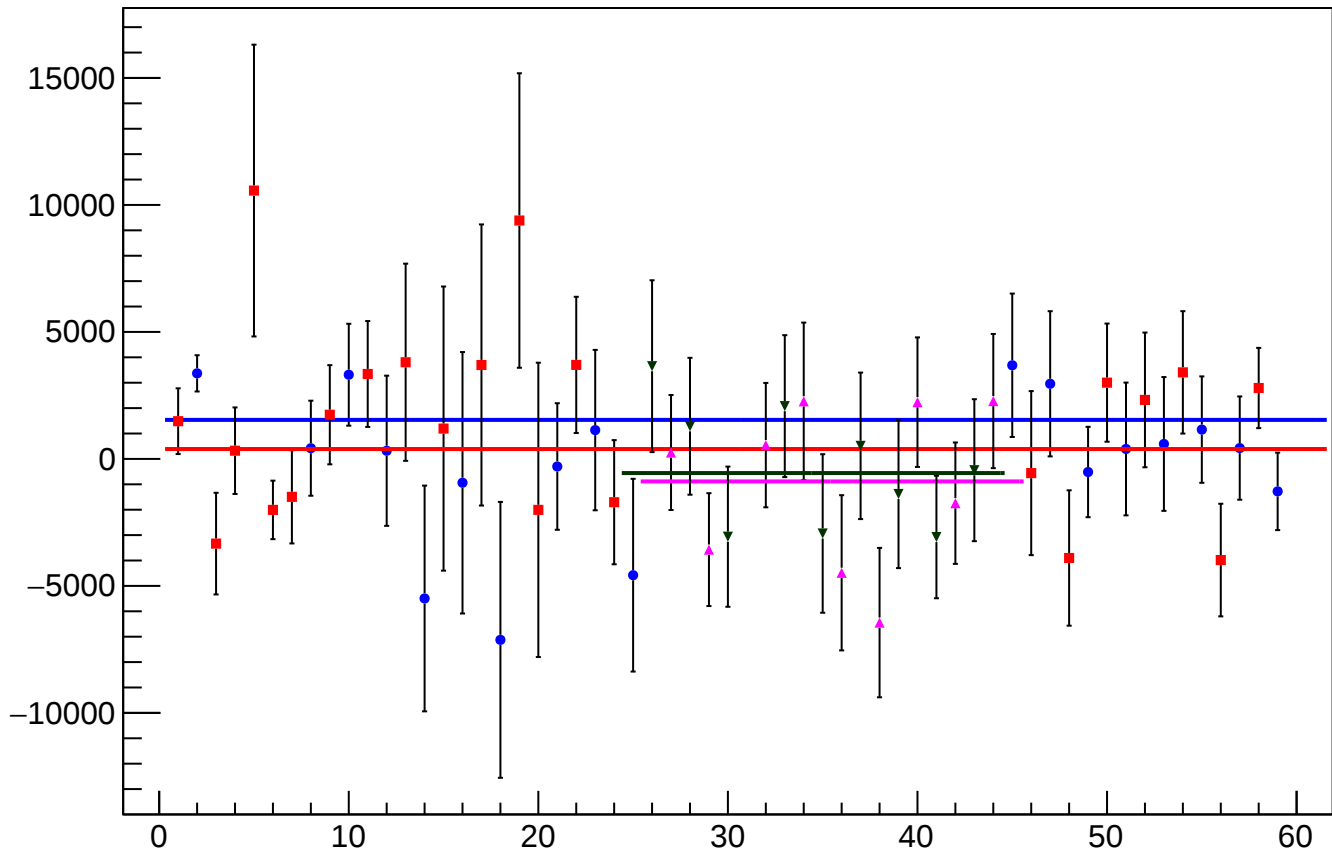
Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

1901.761+/-0.245 χ^2/NDF : 4523326.5/57

Right Out: 1957.140+/-0.447 χ^2/NDF : 1906457.3/21

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

asym_sam8_mean vs slug



Right In: 1536.909 ± 455.576 χ^2/NDF : 22.6/17

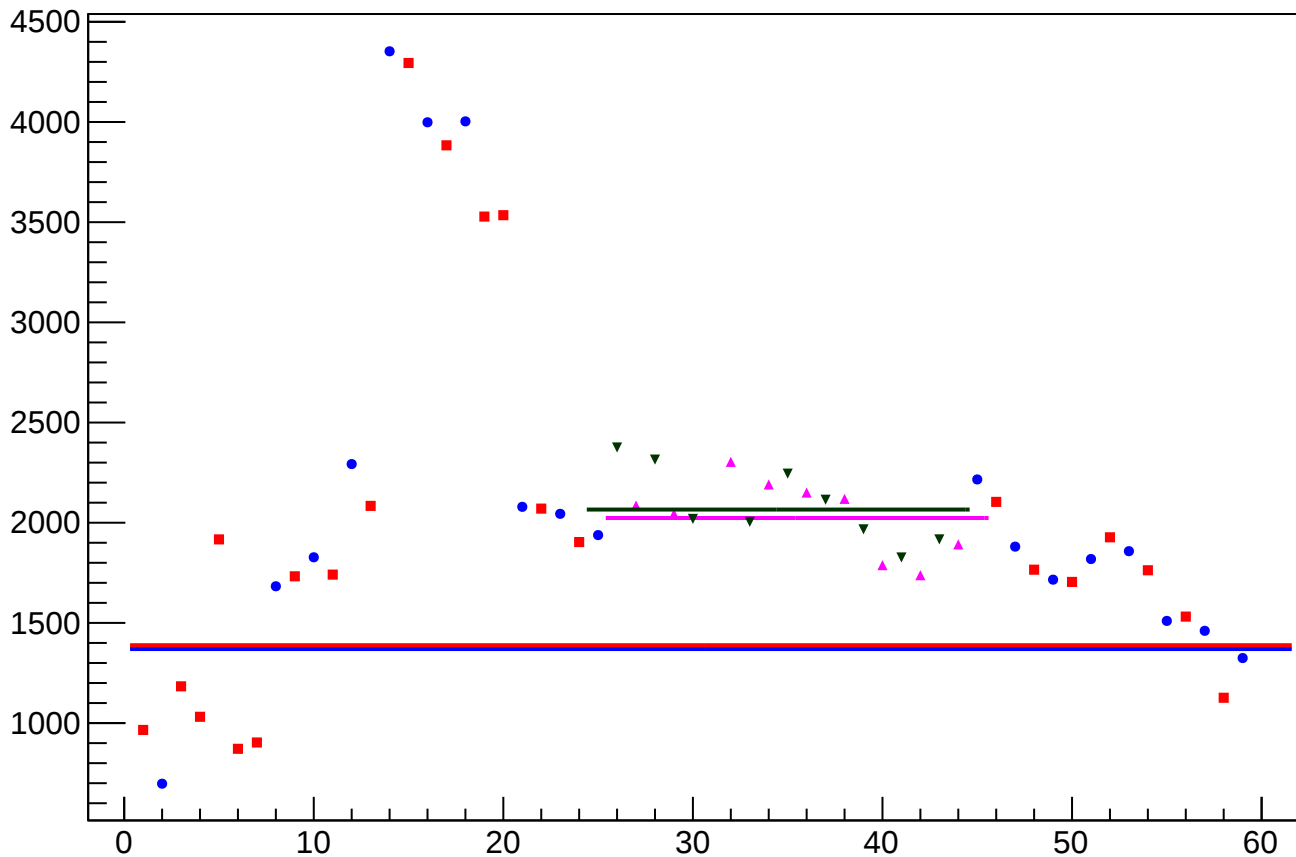
Left Out: -557.273 ± 942.969 χ^2/NDF : 5.6/8

618.110 ± 289.786 χ^2/NDF : 81.7/57

Right Out: 389.046 ± 466.146 χ^2/NDF : 33.4/21

Left In: -886.158 ± 856.437 χ^2/NDF : 11.1/8

asym_sam8_rms vs slug



Right In: 1369.583 $\pm$ 0.322 χ^2 /NDF: 4781826.3/17

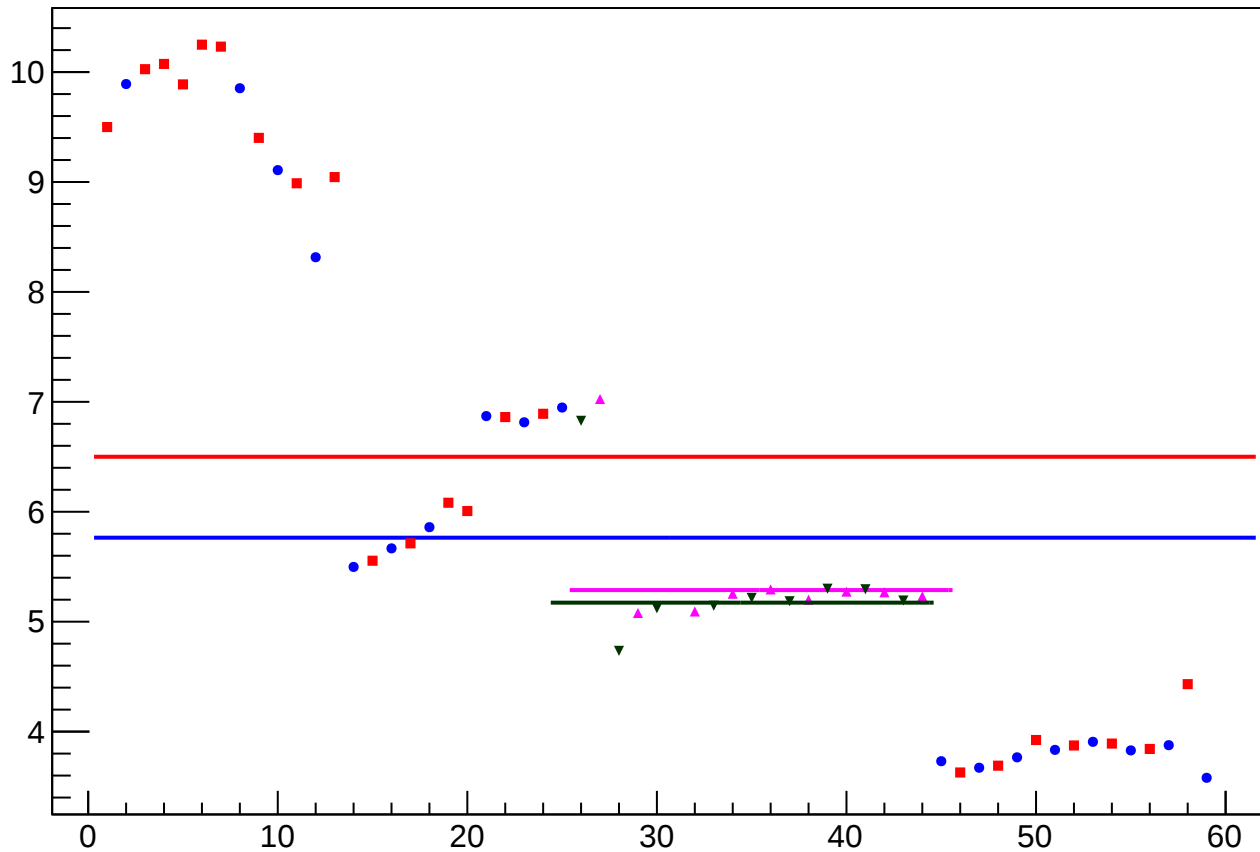
Left Out: 2065.730 $\pm$ 0.667 χ^2 /NDF: 70231.7/8

1517.595 $\pm$ 0.205 χ^2 /NDF: 9825522.7/57

Right Out: 1388.727 $\pm$ 0.330 χ^2 /NDF: 3146016.3/21

Left In: 2023.519 $\pm$ 0.606 χ^2 /NDF: 89775.7/8

yield_sam1_mean vs slug



Right In: 5.764 ± 0.000 χ^2/NDF : 157944729561.0/17

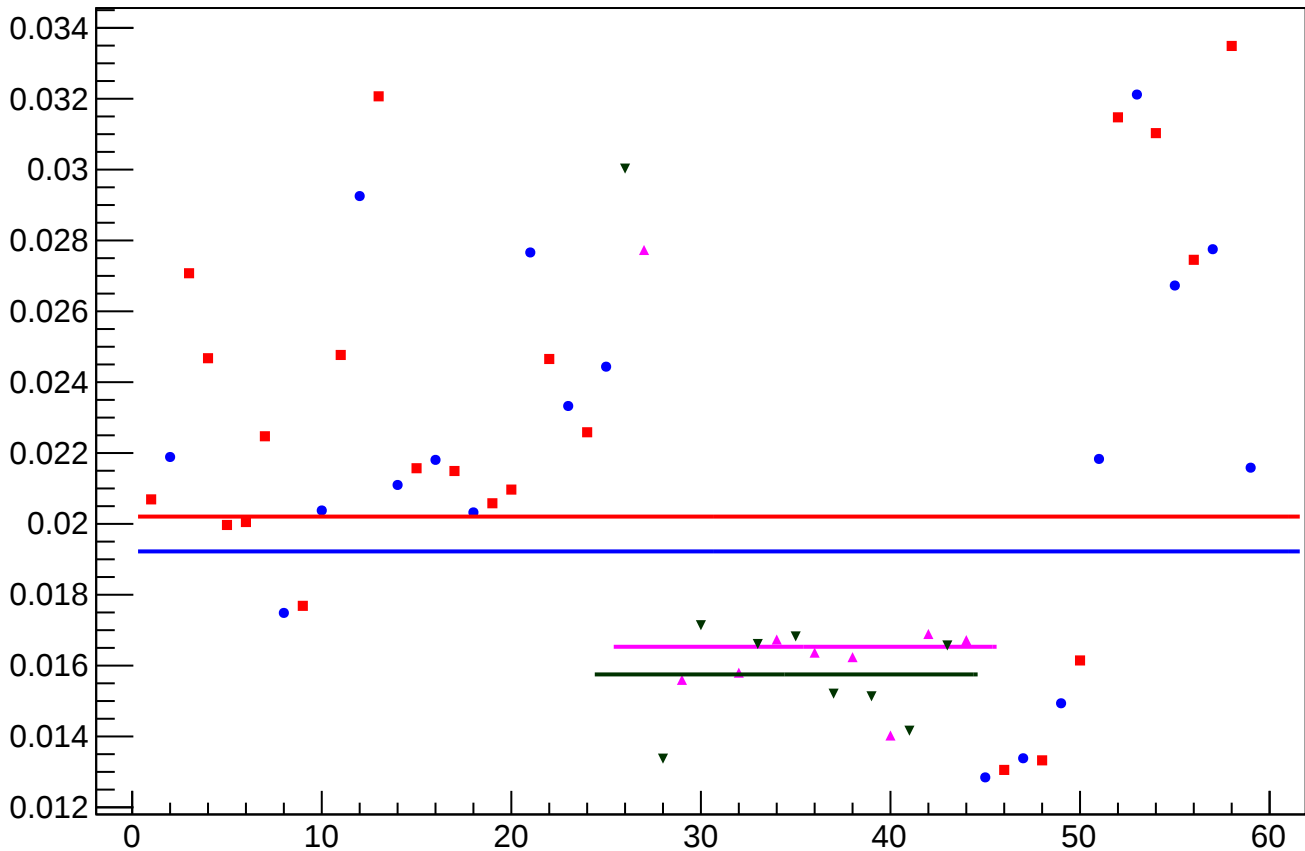
Left Out: 5.173 ± 0.000 χ^2/NDF : 2171929405.9/8

5.729 ± 0.000 χ^2/NDF : 331449426613.9/57

Right Out: 6.501 ± 0.000 χ^2/NDF : 145427649120.5/21

Left In: 5.287 ± 0.000 χ^2/NDF : 3281292278.3/8

yield_sam1_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 1310550.9/17

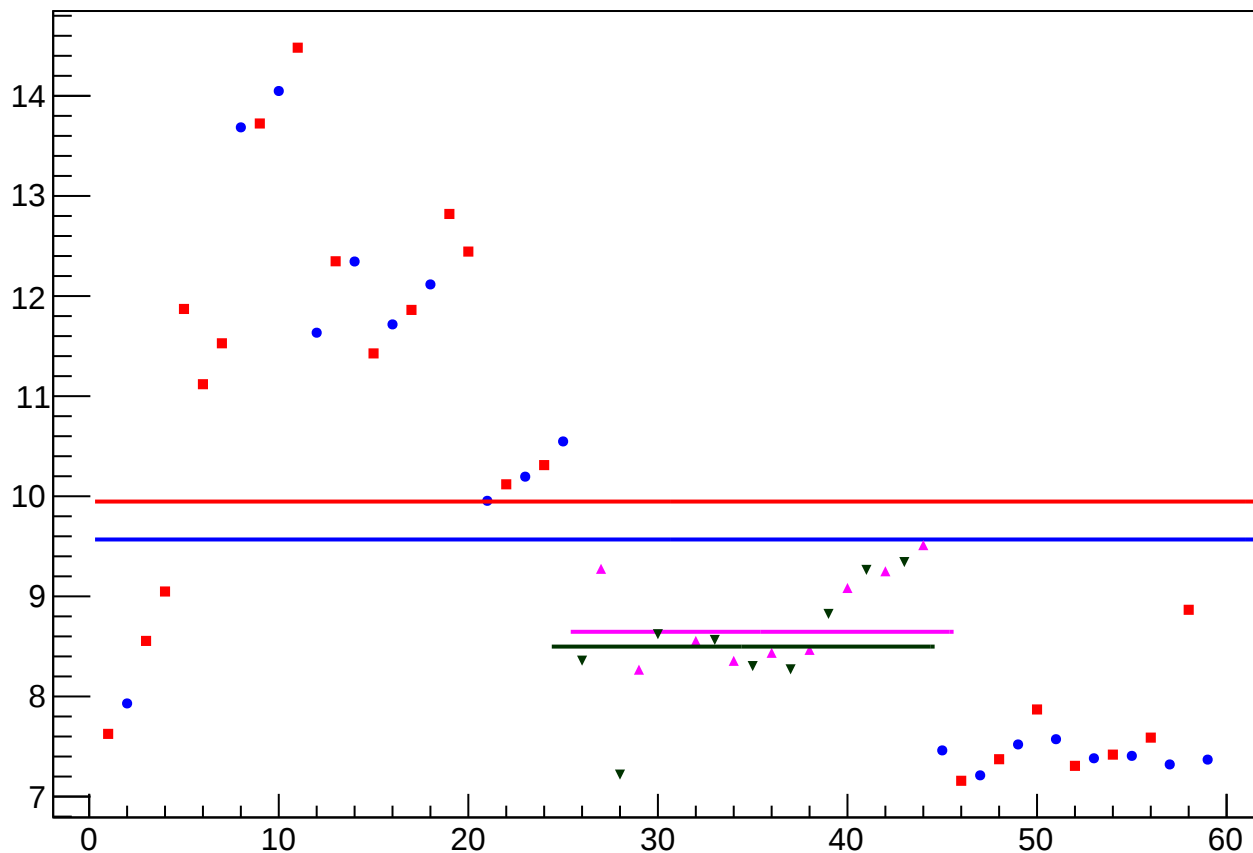
Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

0.018+/-0.000 χ^2/NDF : 3681150.1/57

Right Out: 0.020+/-0.000 χ^2/NDF : 1238799.1/21

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

yield_sam2_mean vs slug



Right In: 9.568+/-0.000 χ^2/NDF : 2557451832.8/17

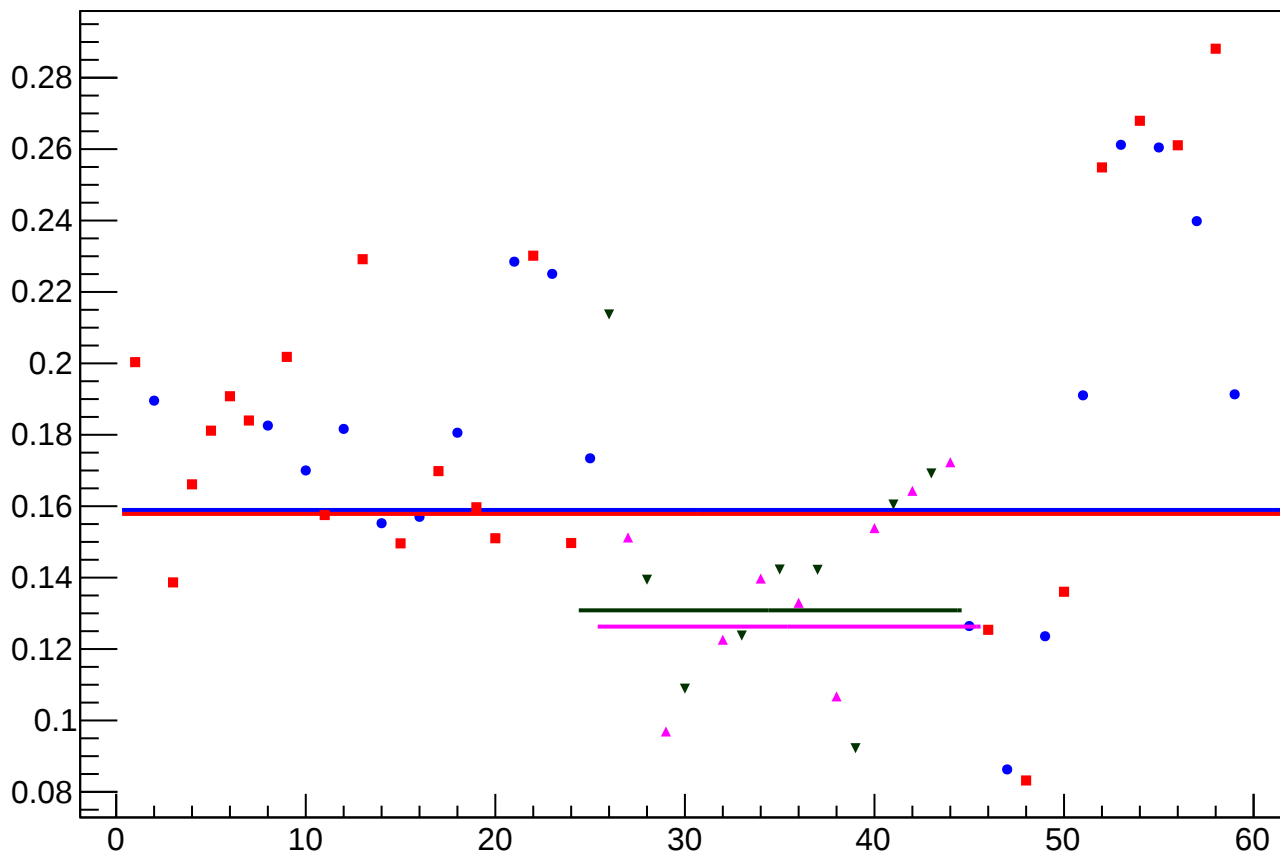
Left Out: 8.498+/-0.000 χ^2/NDF :85994294.5/8

Right Out: 9.947+/-0.000 χ^2/NDF : 2202093123.4/21

Left In: 8.646+/-0.000 χ^2/NDF :53836286.5/8

9.250+/-0.000 χ^2/NDF : 5378506625.4/57

yield_sam2_rms vs slug



Right In: 0.159+/-0.000 χ^2/NDF : 1564072.0/17

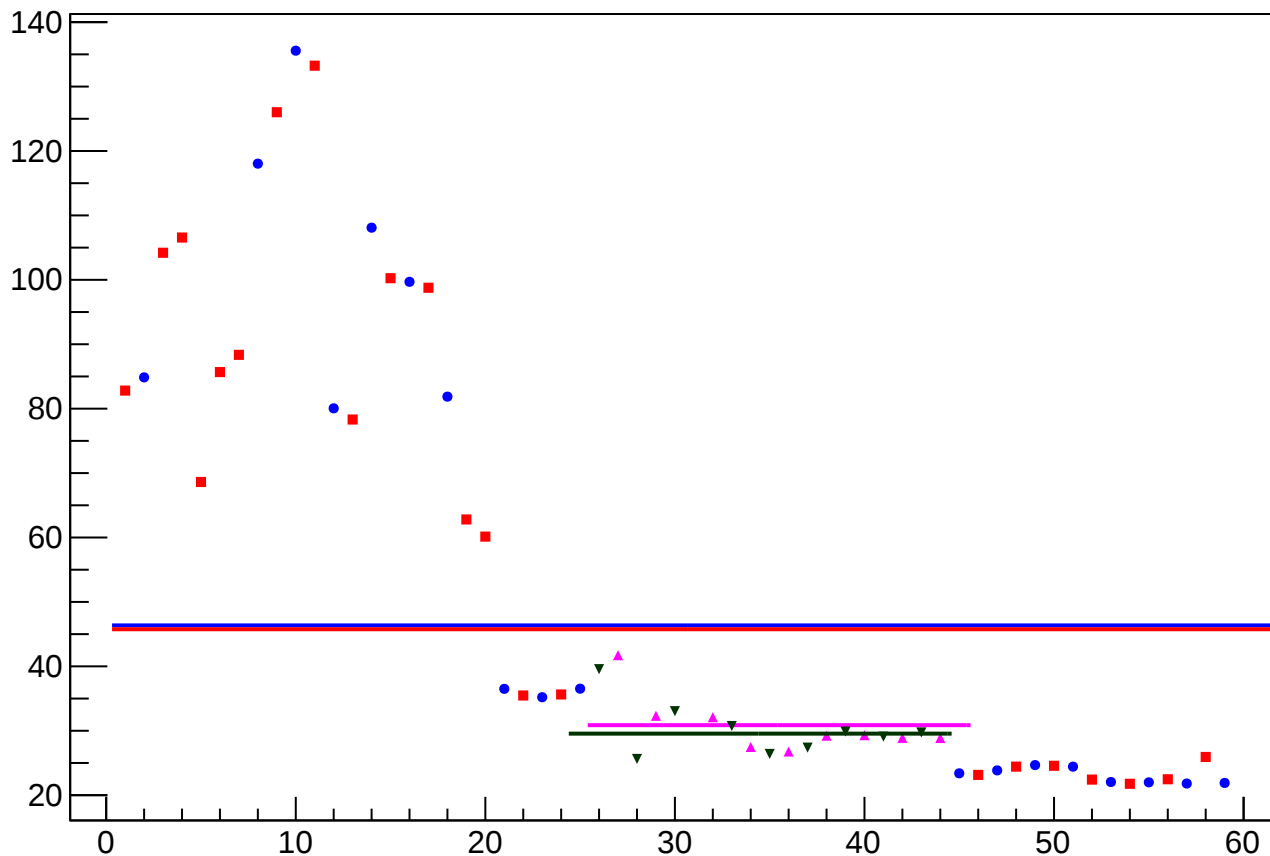
Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

Right Out: 0.158+/-0.000 χ^2/NDF : 1767352.3/21

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

0.146+/-0.000 χ^2/NDF : 4754096.5/57

yield_sam3_mean vs slug



Right In: 46.355+/-0.000 χ^2/NDF : 22521012973.2/17

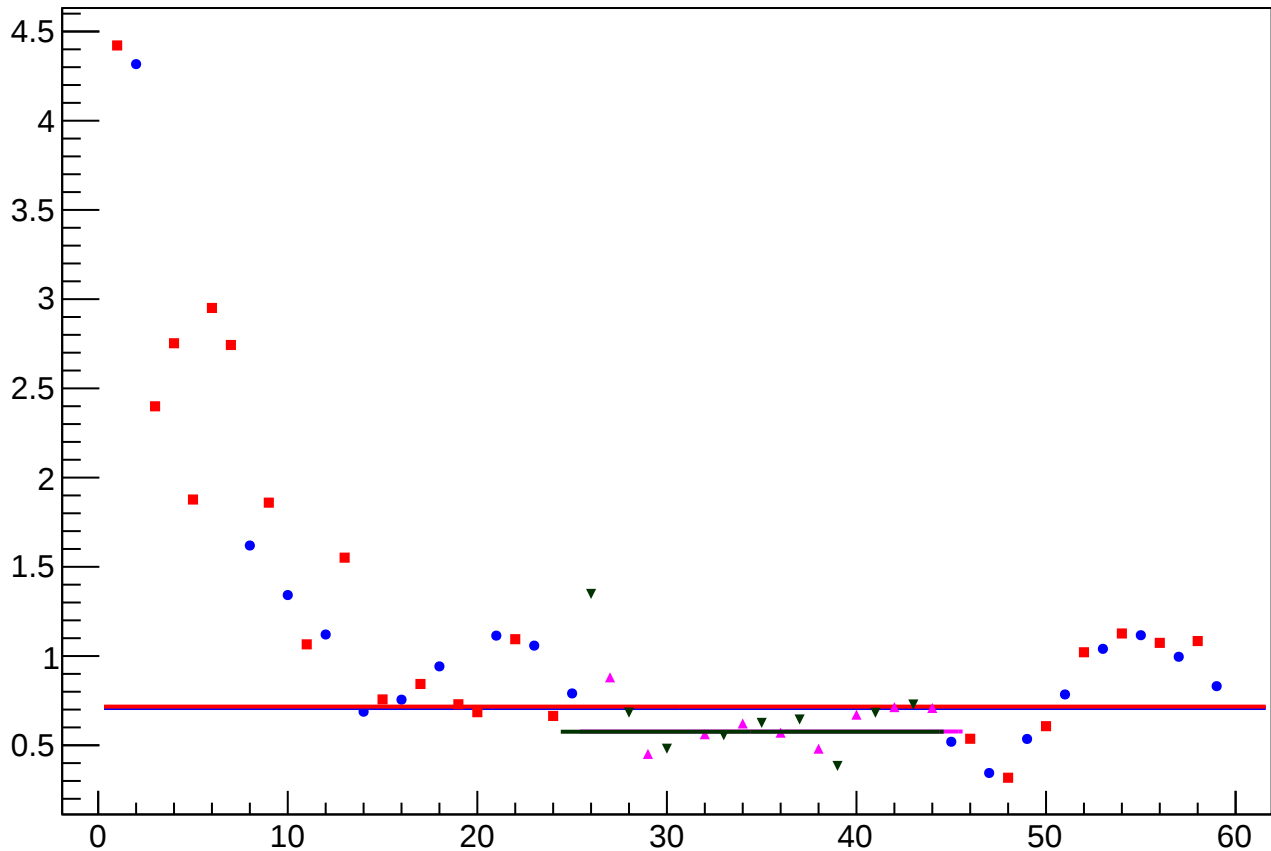
Left Out: 29.554+/-0.000 χ^2/NDF : 93160989.6/8

Right Out: 45.757+/-0.000 χ^2/NDF : 16042493522.9/21

Left In: 30.869+/-0.000 χ^2/NDF : 179538741.3/8

38.711+/-0.000 χ^2/NDF : 42547915178.7/57

yield_sam3_rms vs slug



Right In: 0.709+/-0.000 χ^2/NDF : 4191766.1/17

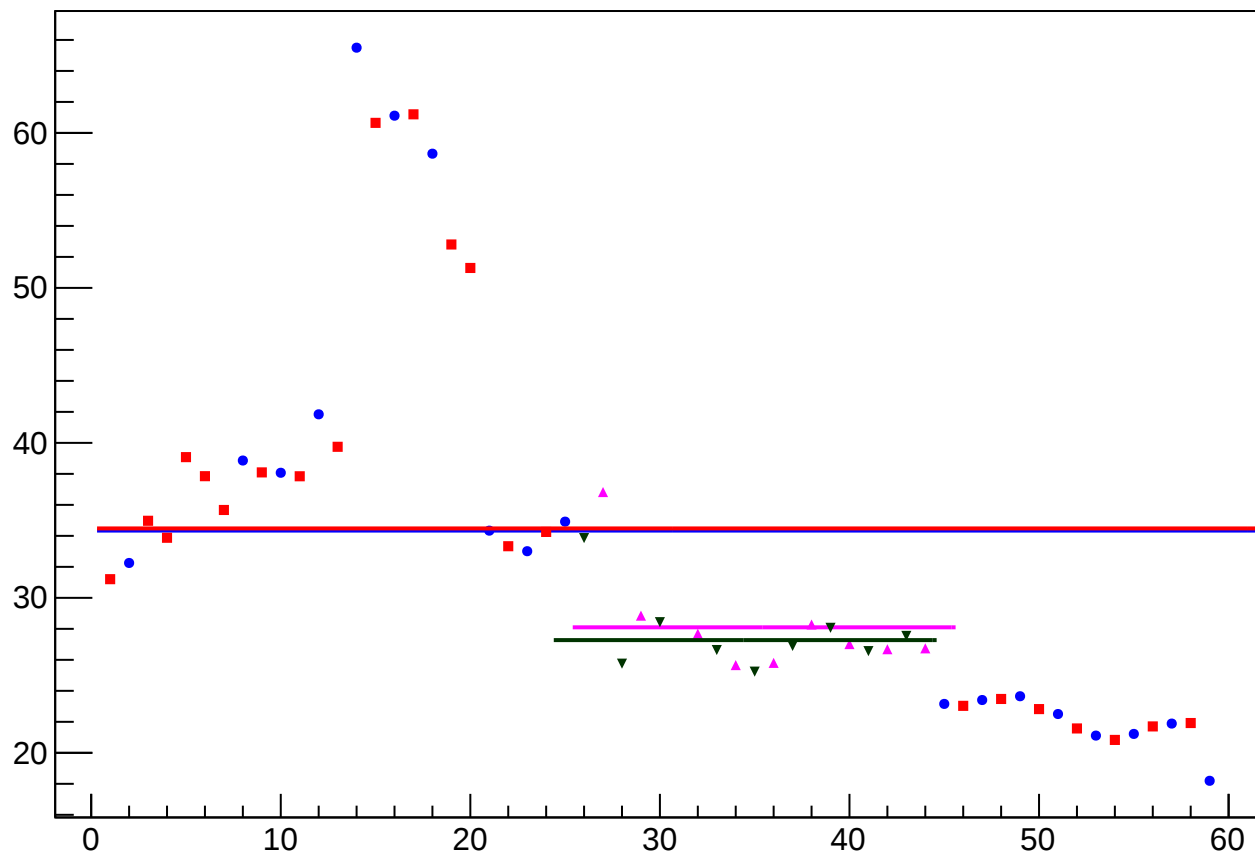
Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

0.649+/-0.000 χ^2/NDF : 11118386.7/57

Right Out: 0.717+/-0.000 χ^2/NDF : 5280822.3/21

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

yield_sam4_mean vs slug



Right In: 34.341+/-0.000 χ^2/NDF : 15897481293.1/17

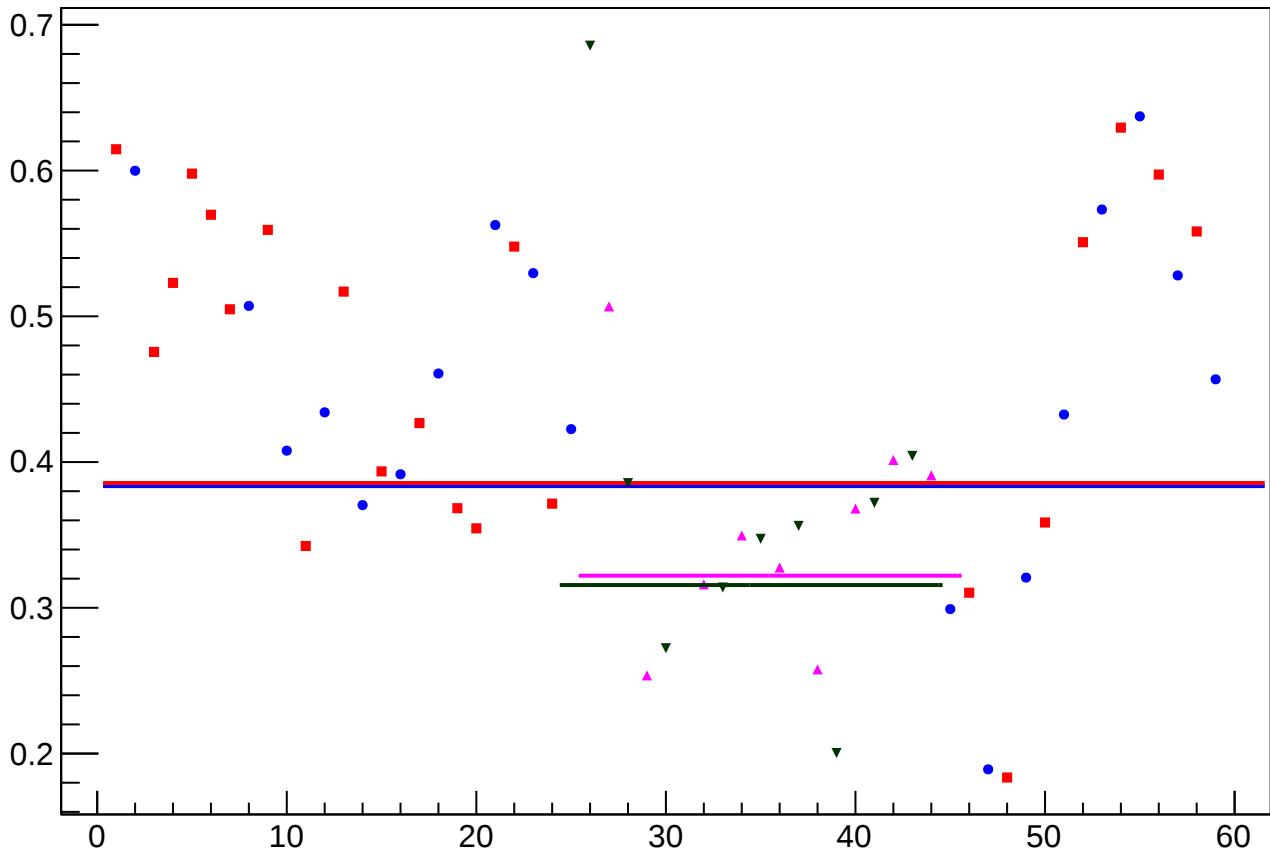
Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

Right Out: 34.479+/-0.000 χ^2/NDF : 9741808820.6/21

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

31.601+/-0.000 χ^2/NDF : 28412011922.0/57

yield_sam4_rms vs slug



Right In: 0.384 $\pm$ 0.000 χ^2 /NDF: 1956373.5/17

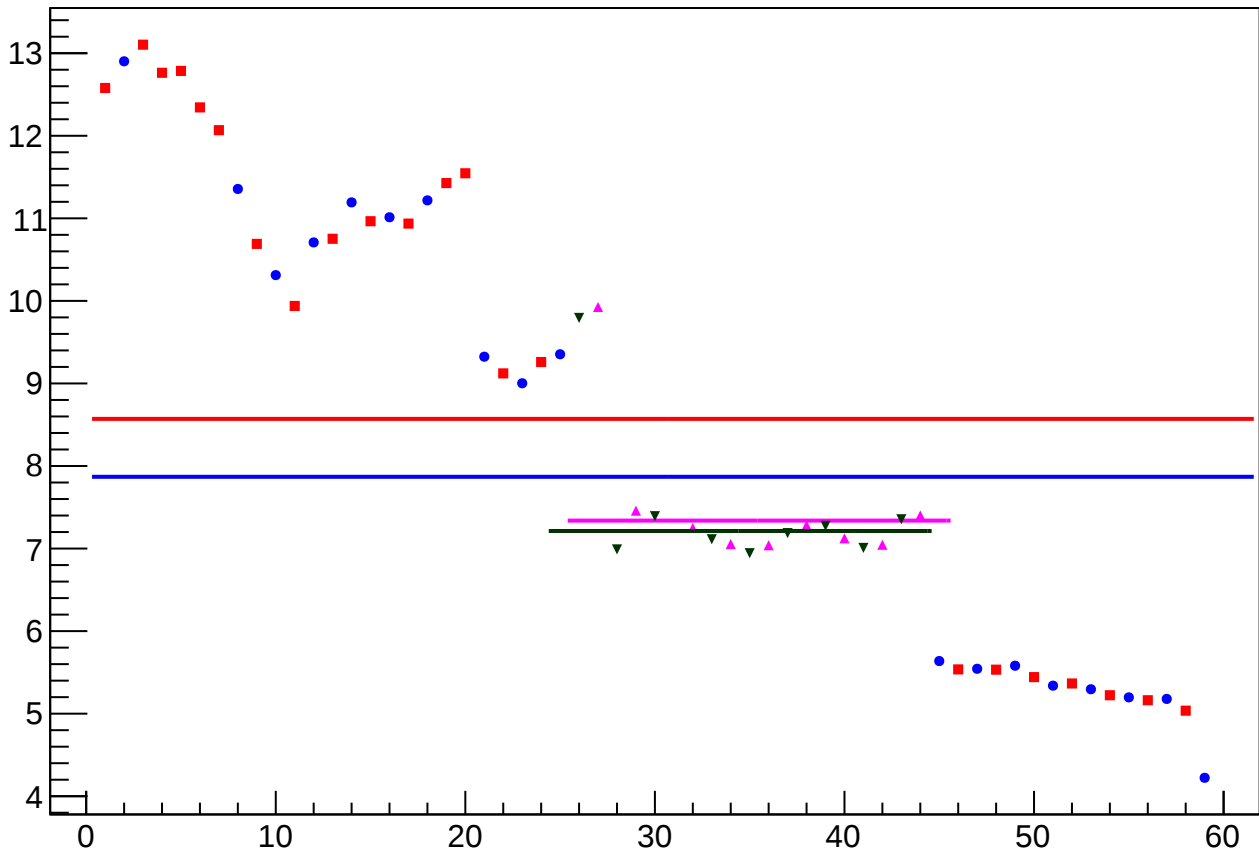
Left Out: 0.316 $\pm$ 0.000 χ^2 /NDF: 711532.8/8

0.357 $\pm$ 0.000 χ^2 /NDF: 5785913.2/57

Right Out: 0.386 $\pm$ 0.000 χ^2 /NDF: 2201106.0/21

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461575.4/8

yield_sam5_mean vs slug



Right In: 7.869+/-0.000 χ^2/NDF : 120405585429.0/17

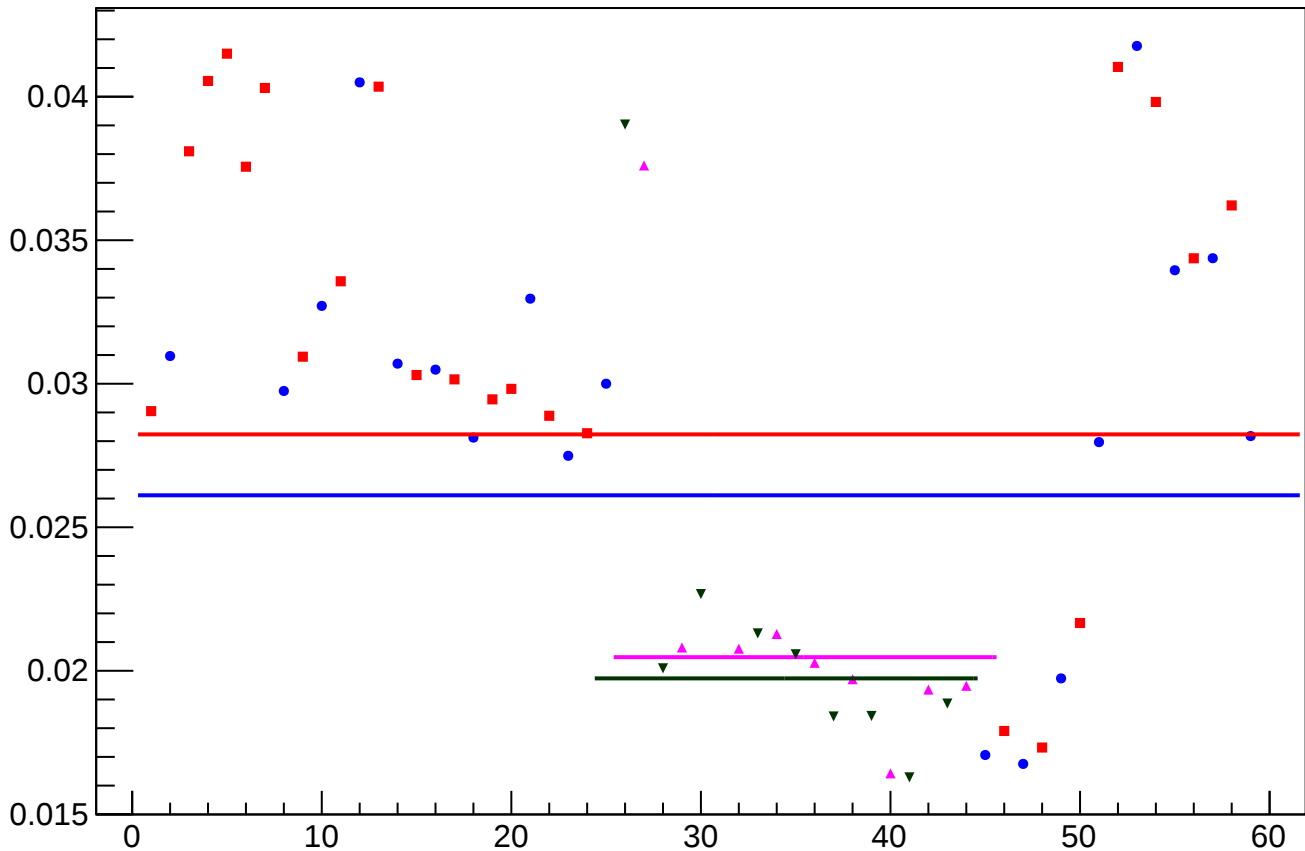
Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

7.750+/-0.000 χ^2/NDF : 235455620744.2/57

Right Out: 8.571+/-0.000 χ^2/NDF : 95303373388.7/21

Left In: 7.339+/-0.000 χ^2/NDF : 4002199265.2/8

yield_sam5_rms vs slug



Right In: 0.026+/-0.000 χ^2/NDF : 1415408.4/17

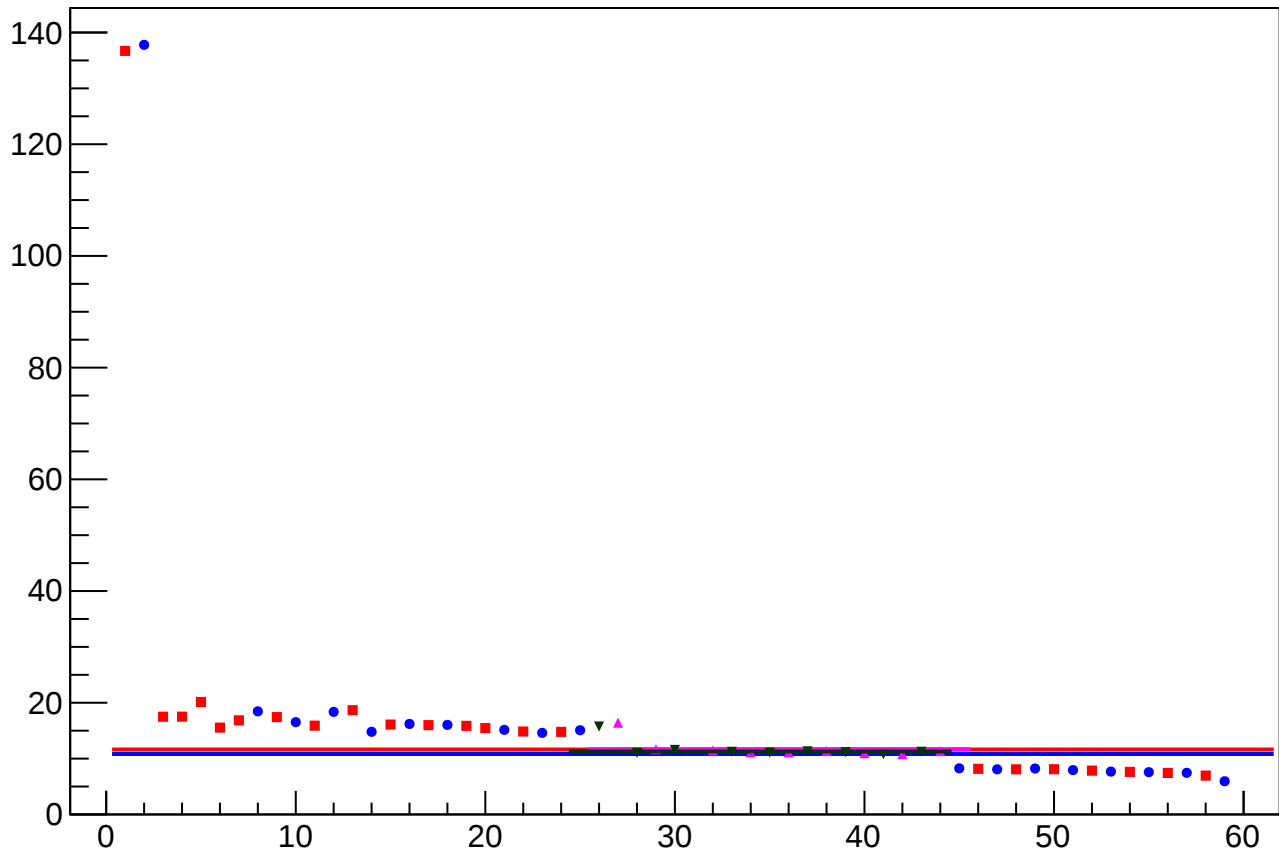
Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

0.024+/-0.000 χ^2/NDF : 4658307.8/57

Right Out: 0.028+/-0.000 χ^2/NDF : 1284837.9/21

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

yield_sam6_mean vs slug



Right In: 10.828+/-0.000 χ^2/NDF : 43212894200.4/17

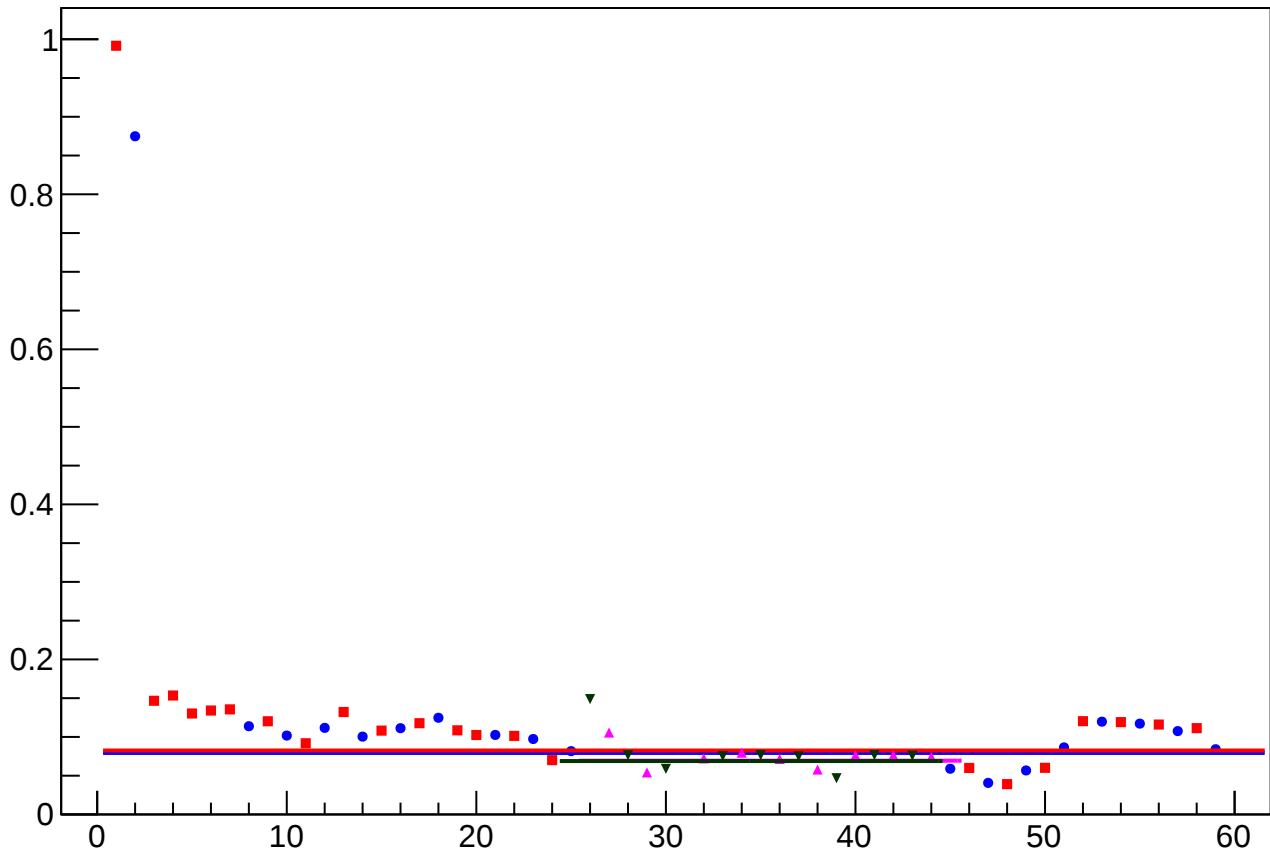
Left Out: 11.289+/-0.000 χ^2/NDF : 475112866.3/8

11.324+/-0.000 χ^2/NDF : 73823413647.0/57

Right Out: 11.626+/-0.000 χ^2/NDF : 27777129416.7/21

Left In: 11.681+/-0.000 χ^2/NDF : 1757981772.9/8

yield_sam6_rms vs slug



Right In: 0.079+/-0.000 χ^2/NDF : 3664956.4/17

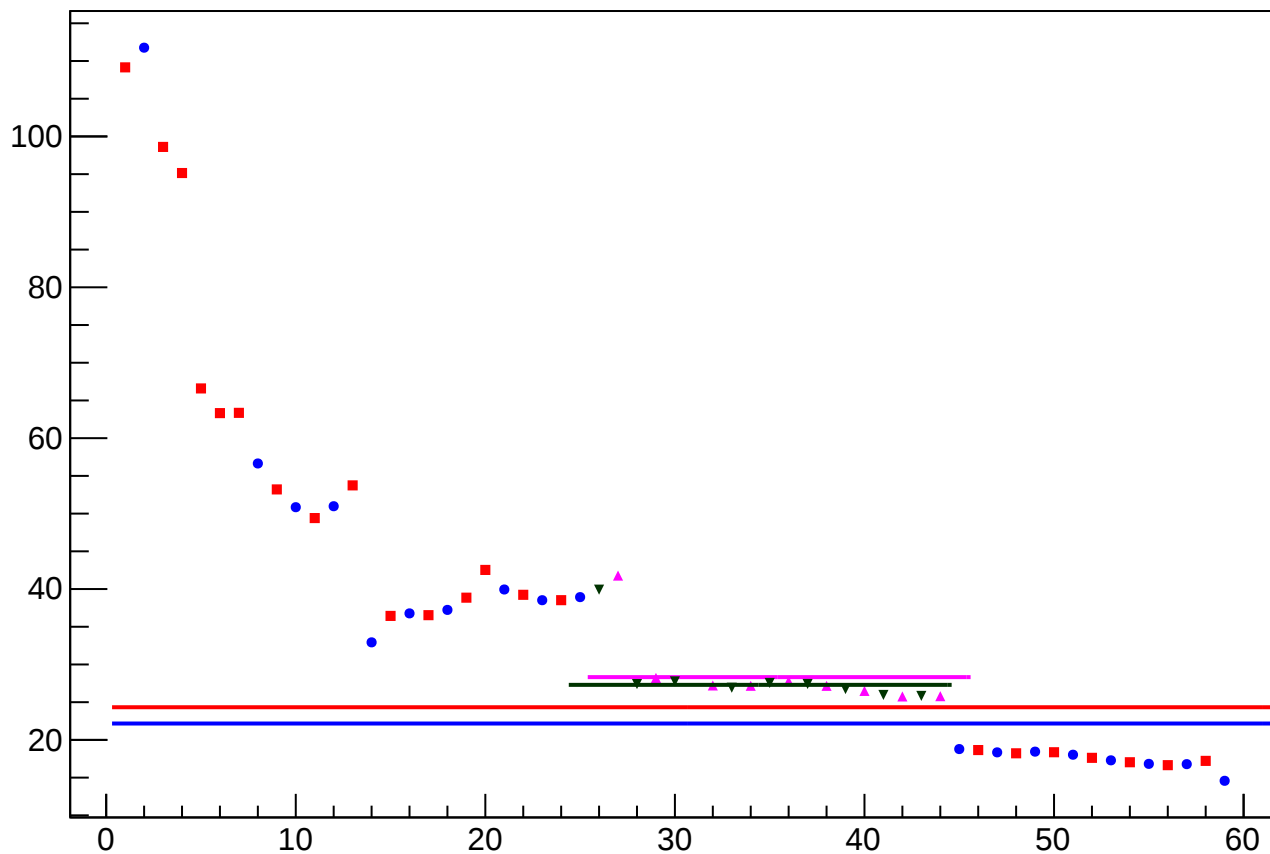
Left Out: 0.069+/-0.000 χ^2/NDF : 542333.9/8

0.076+/-0.000 χ^2/NDF : 8435782.3/57

Right Out: 0.082+/-0.000 χ^2/NDF : 3527193.5/21

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

yield_sam7_mean vs slug



Right In: 22.173+/-0.000 χ^2/NDF : 77757024823.4/17

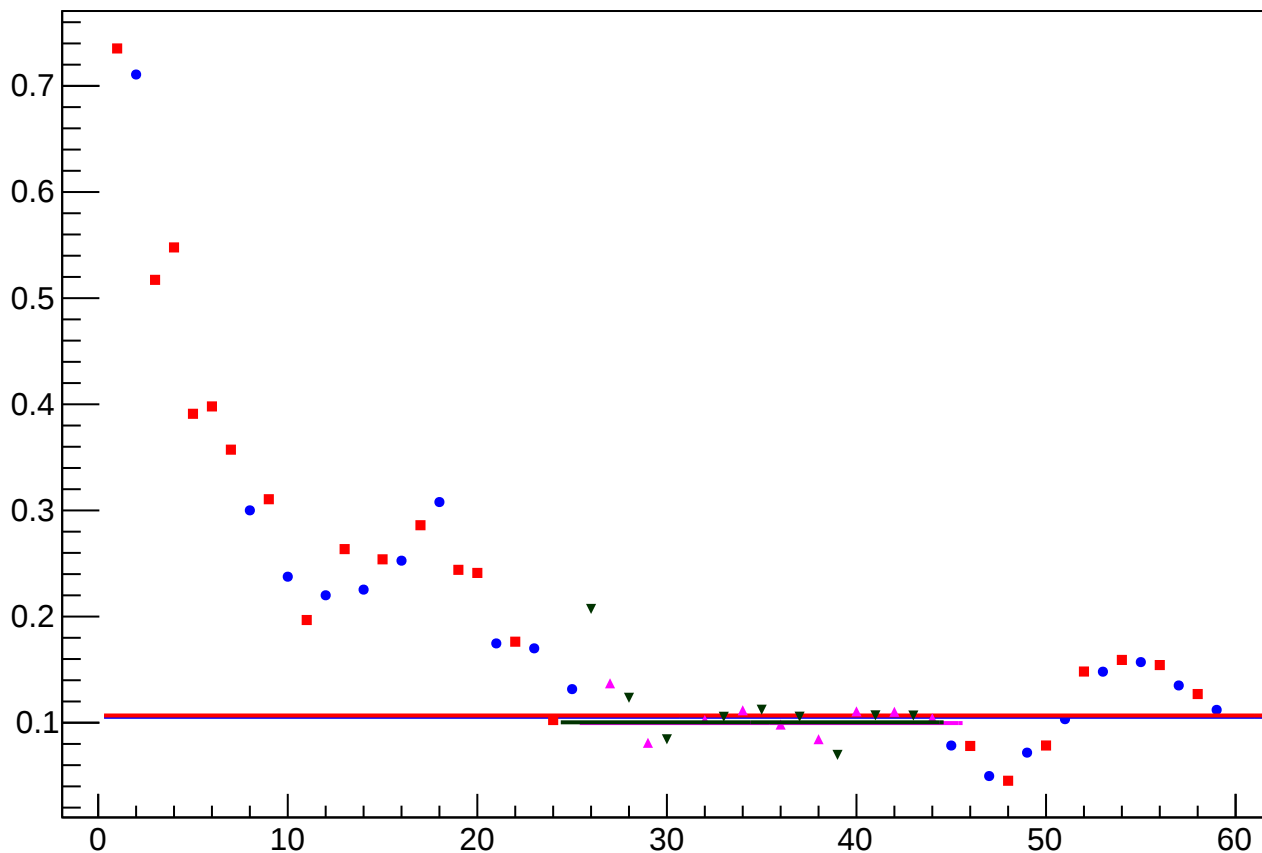
Left Out: 27.298+/-0.000 χ^2/NDF :1975060613.1/8

Right Out: 24.330+/-0.000 χ^2/NDF : 86857417985.1/21

Left In: 28.322+/-0.000 χ^2/NDF :8116696622.8/8

25.151+/-0.000 χ^2/NDF : 188276020381.9/57

yield_sam7_rms vs slug



Right In: 0.106+/-0.000 χ^2/NDF : 6207815.8/17

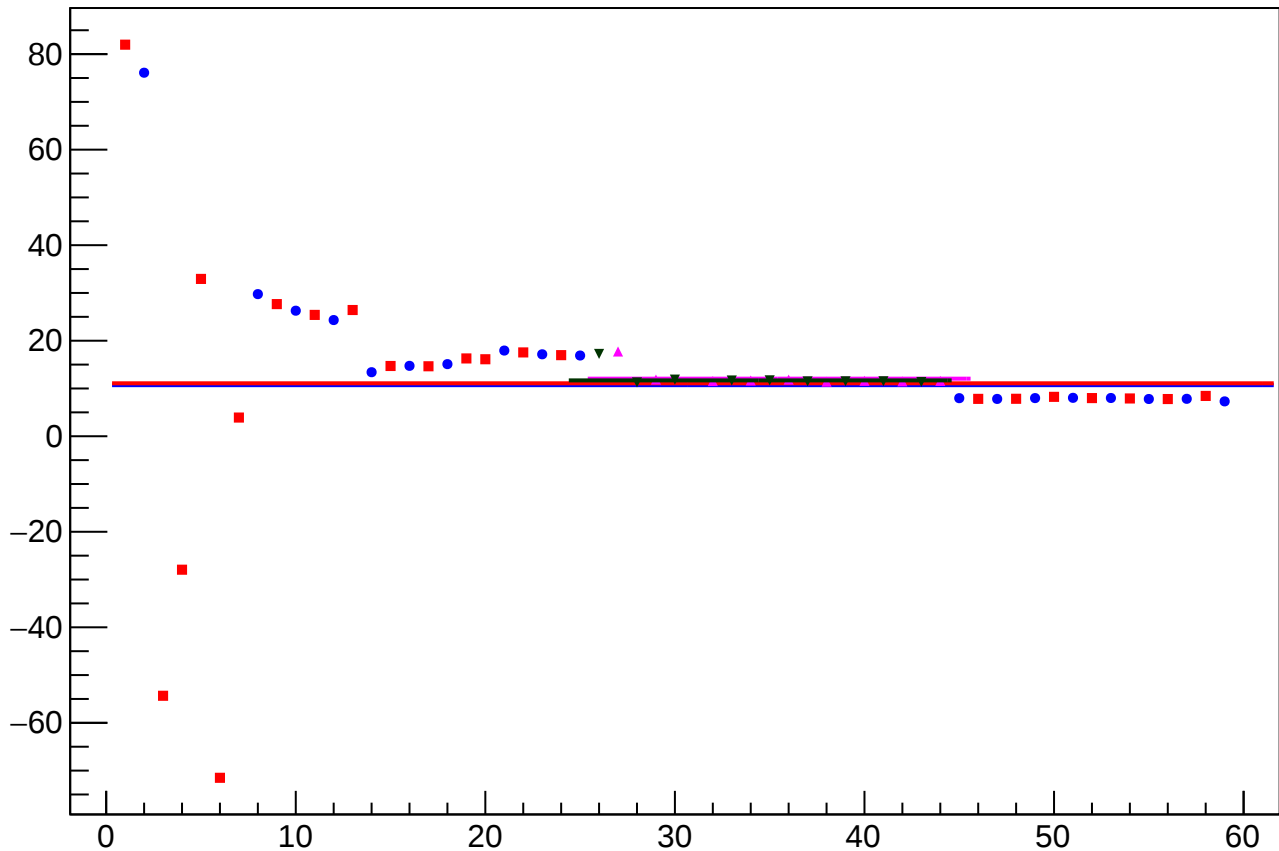
Left Out: 0.100+/-0.000 χ^2/NDF :509899.4/8

Right Out: 0.107+/-0.000 χ^2/NDF : 7065144.7/21

Left In: 0.100+/-0.000 χ^2/NDF :255418.8/8

0.103+/-0.000 χ^2/NDF : 14079671.4/57

yield_sam8_mean vs slug



Right In: 10.694+/-0.000 χ^2/NDF : 169485007271.0/17

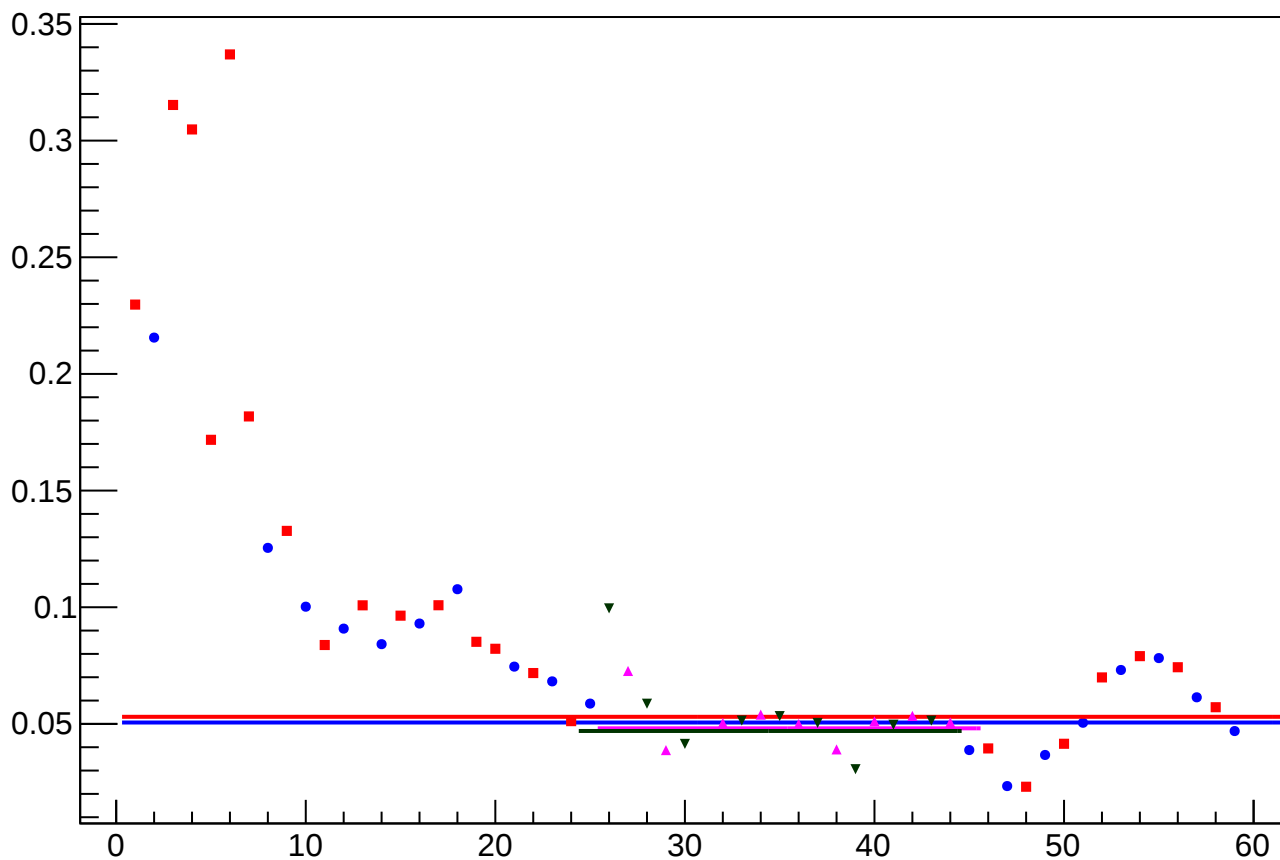
Left Out: 11.694+/-0.000 χ^2/NDF : 1571804703.3/8

Right Out: 11.086+/-0.000 χ^2/NDF : 170498539346.7/21

11.296+/-0.000 χ^2/NDF : 349510165931.0/57

Left In: 12.055+/-0.000 χ^2/NDF : 5109226136.0/8

yield_sam8_rms vs slug



Right In: 0.051+/-0.000 χ^2/NDF : 4928244.2/17

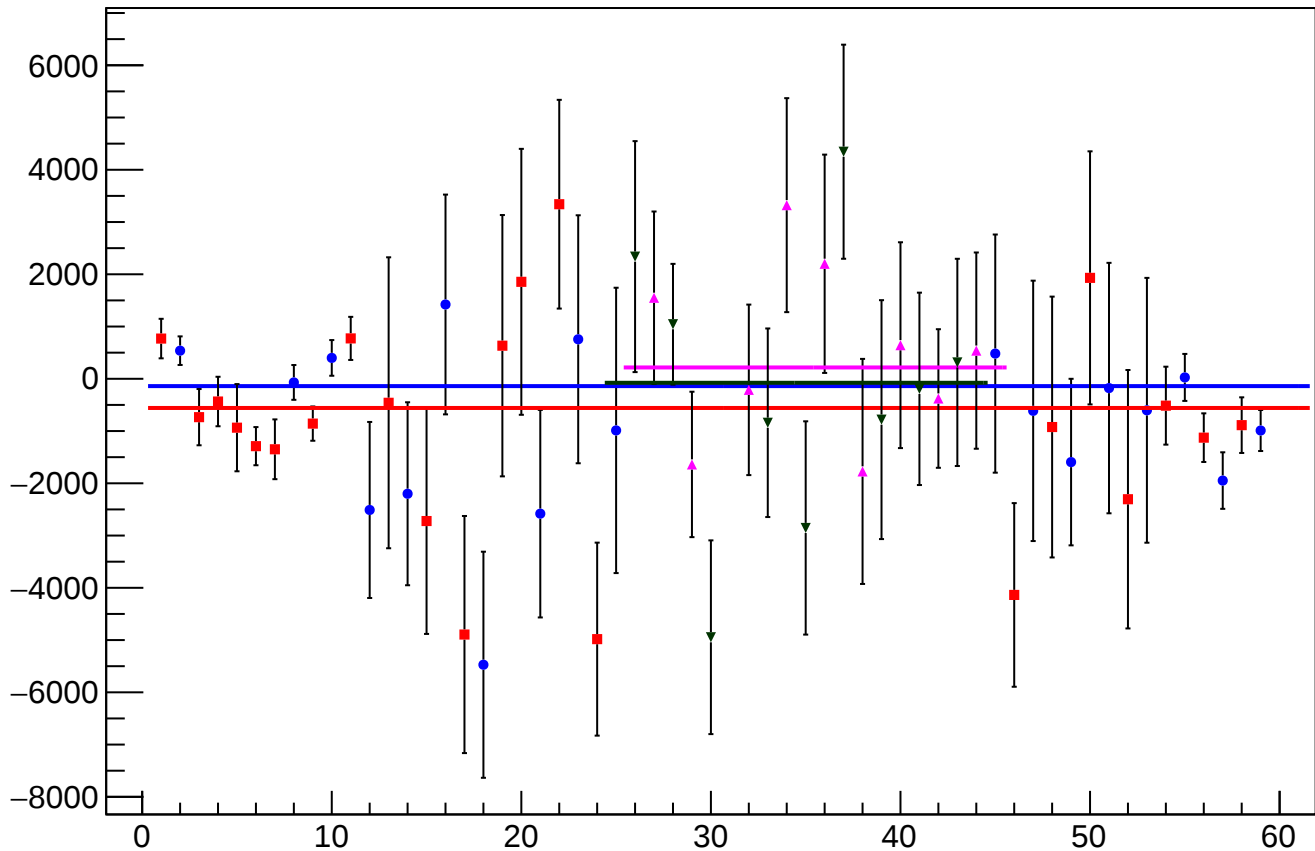
Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

Right Out: 0.053+/-0.000 χ^2/NDF : 5921530.1/21

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.050+/-0.000 χ^2/NDF : 11909535.0/57

cor_sam1_mean vs slug



Right In: -140.065+/-143.473 χ^2/NDF : 37.4/17

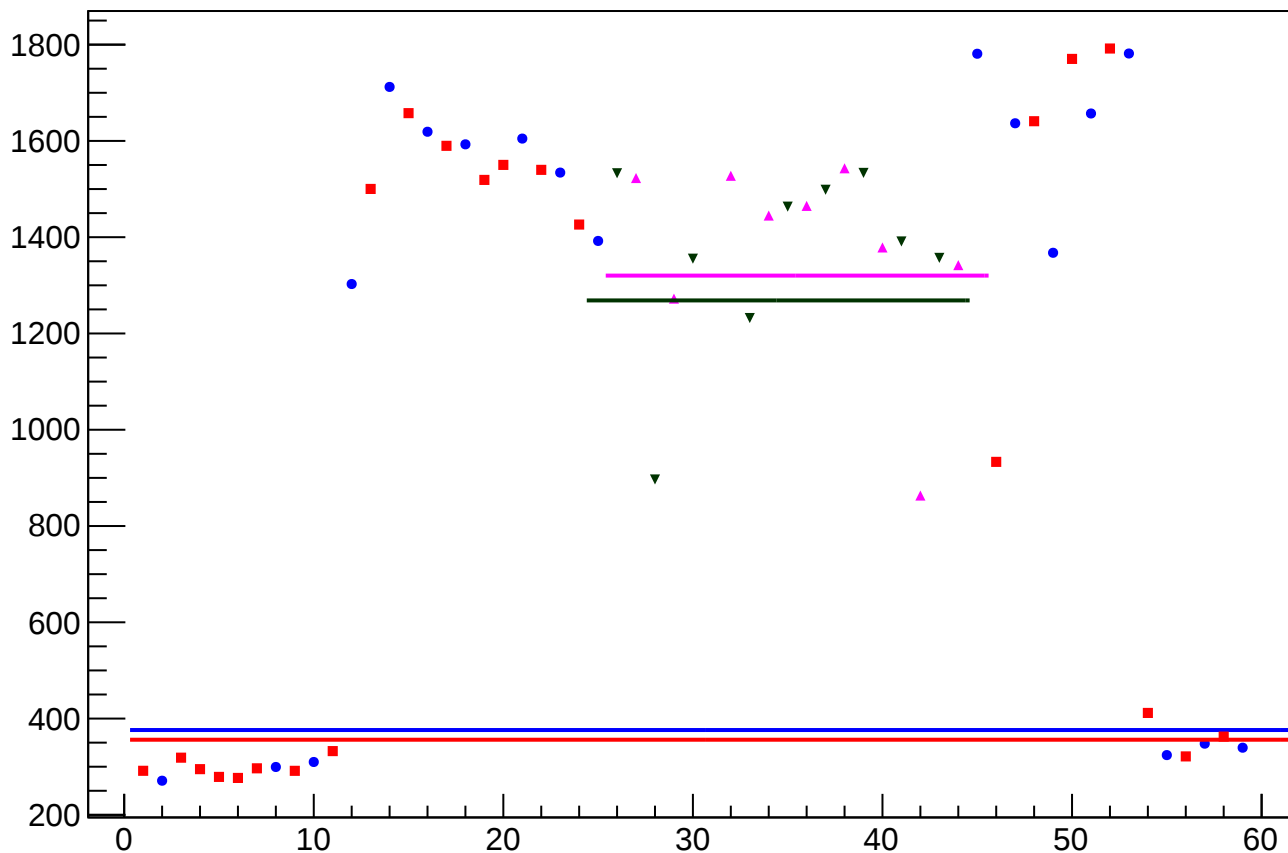
Left Out: -76.487+/-600.613 χ^2/NDF : 15.9/8

-337.198+/-95.945 χ^2/NDF : 118.6/57

Right Out: -558.324+/-135.799 χ^2/NDF : 52.8/21

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

cor_sam1_rms vs slug



Right In: 376.219+/-0.101 χ^2/NDF : 8380170.3/17

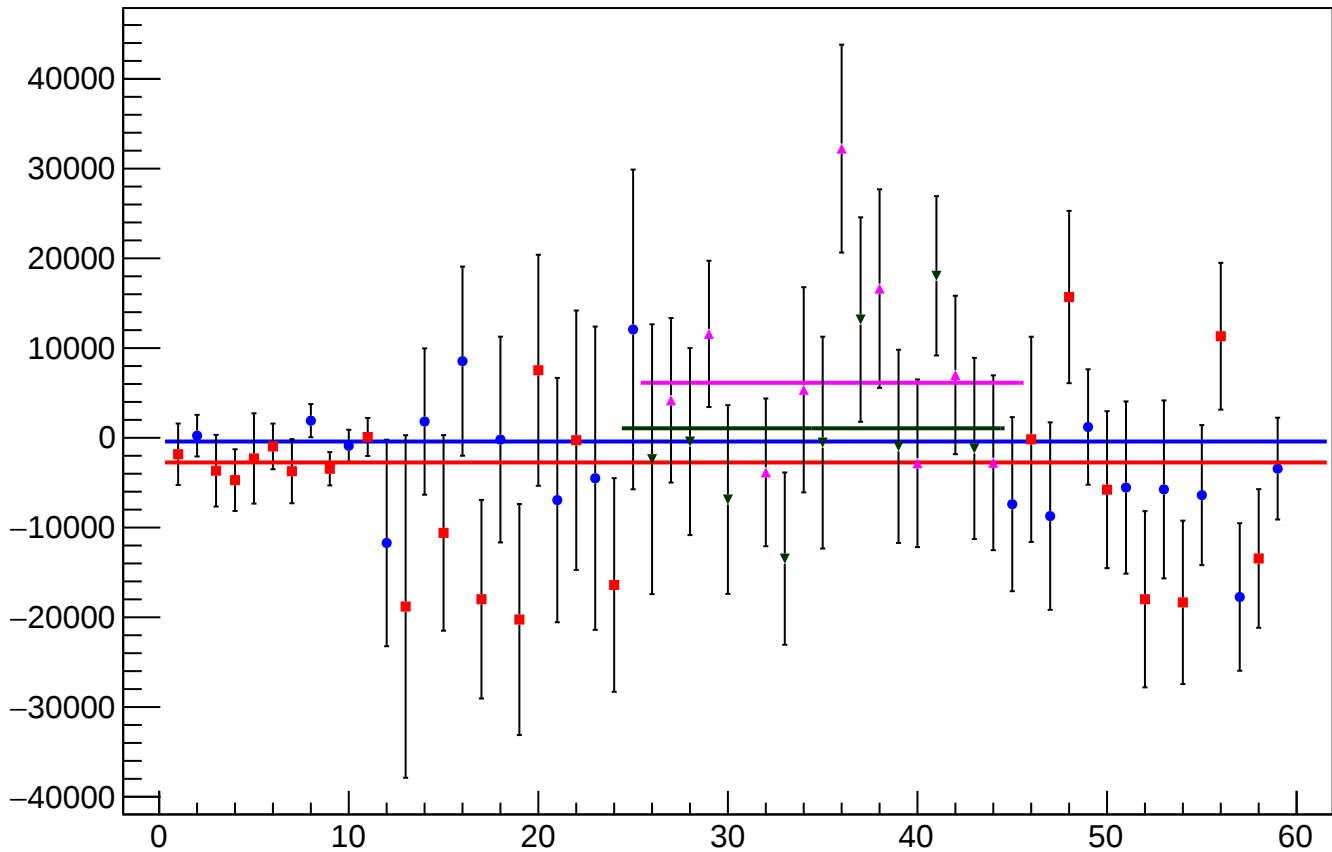
Left Out: 1268.658+/-0.425 χ^2/NDF : 324399.1/8

Right Out: 356.056+/-0.096 χ^2/NDF : 6346000.8/21

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

415.456+/-0.068 χ^2/NDF : 24959334.1/57

cor_sam2_mean vs slug



Right In: -411.111 ± 1015.494 $\chi^2/\text{NDF}: 11.4/17$

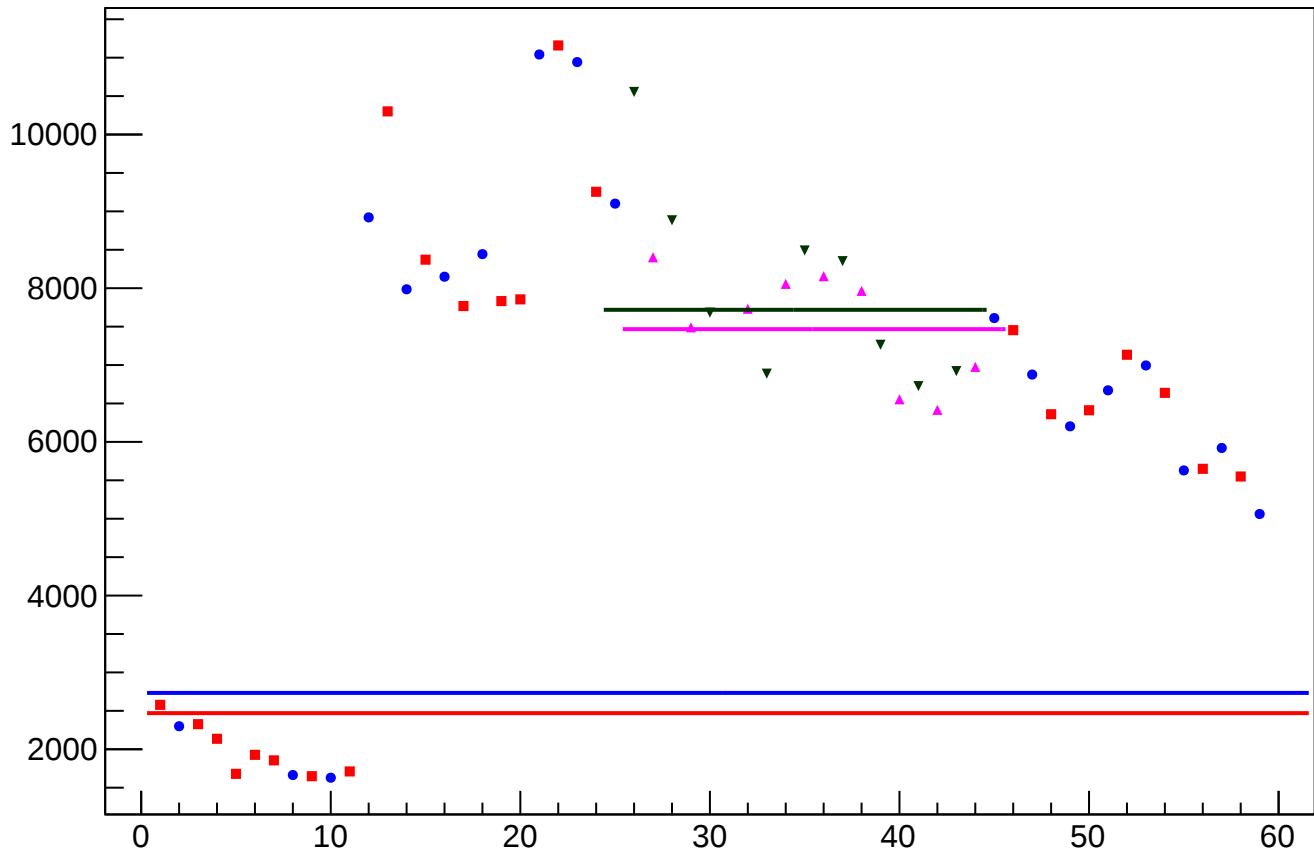
Left Out: 1060.376 ± 3545.636 $\chi^2/\text{NDF}: 7.8/8$

Right Out: -2744.247 ± 933.760 $\chi^2/\text{NDF}: 24.0/21$

Left In: 6136.125 ± 3165.179 $\chi^2/\text{NDF}: 9.7/8$

-1240.959 ± 659.956 $\chi^2/\text{NDF}: 62.0/57$

cor_sam2_rms vs slug



Right In: 2733.475+/-0.718 χ^2/NDF : 8427251.1/17

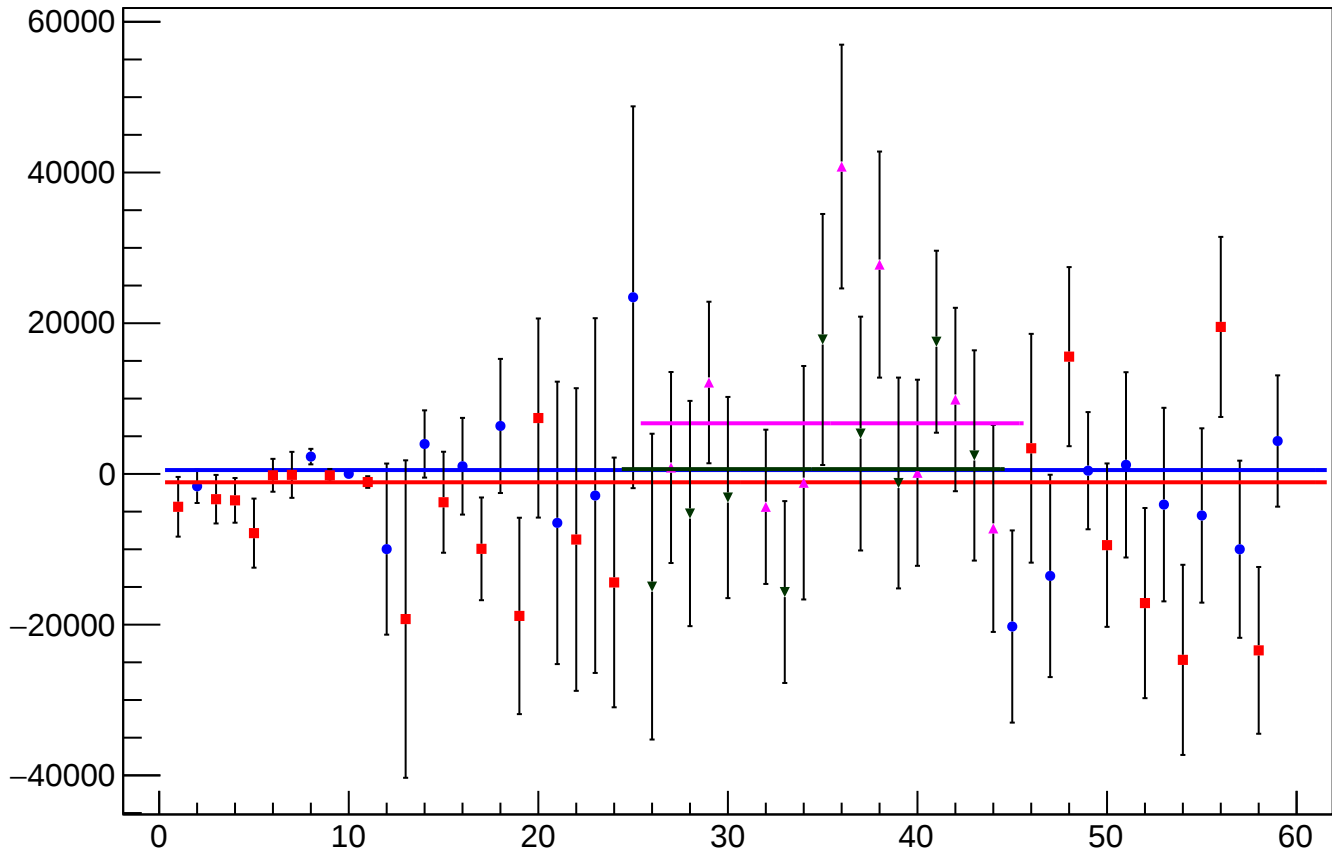
Left Out: 7718.910+/-2.507 χ^2/NDF : 166985.2/8

2980.495+/-0.467 χ^2/NDF : 23917866.1/57

Right Out: 2470.233+/-0.660 χ^2/NDF : 6925525.7/21

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

cor_sam3_mean vs slug



Right In: 515.373+/-529.015 χ^2/NDF : 12.5/17

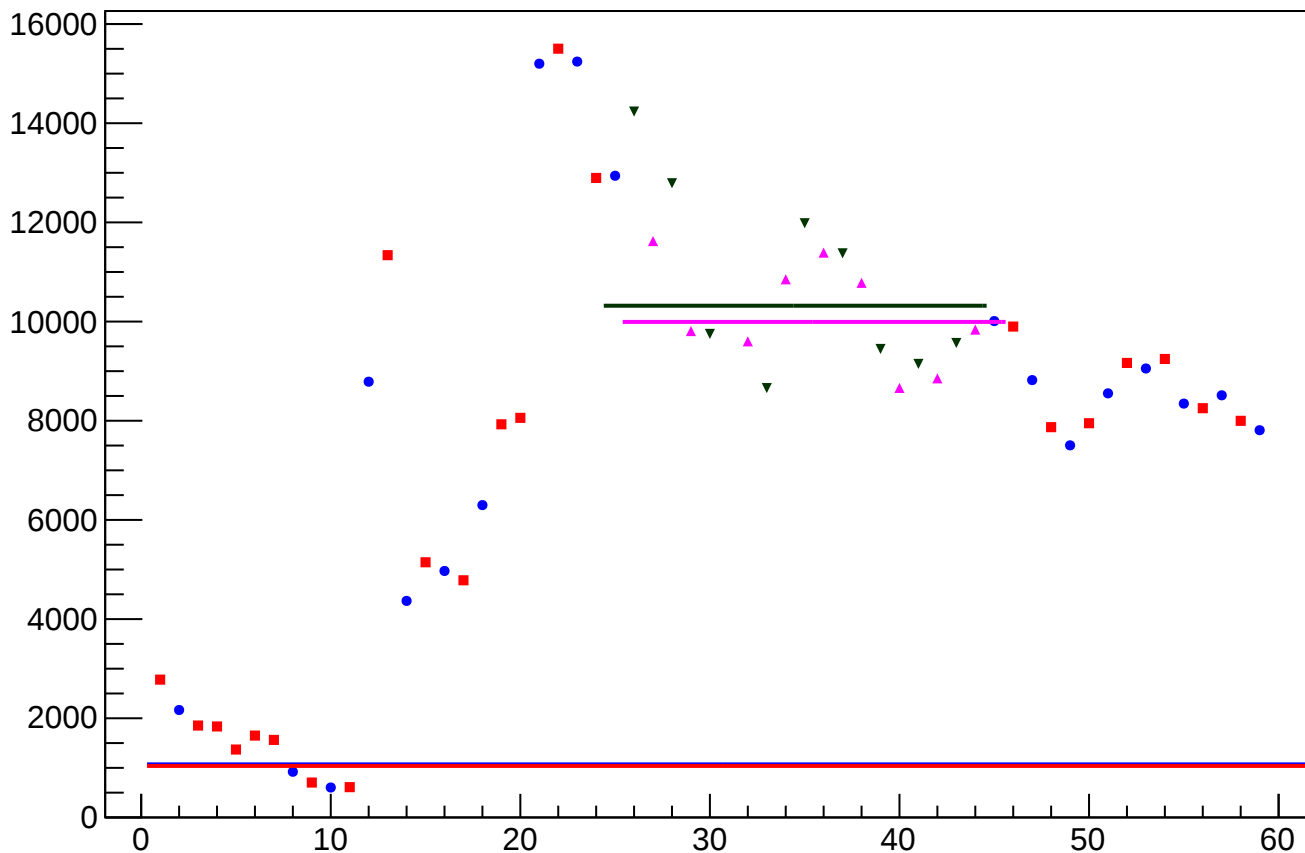
Left Out: 639.789+/-4753.910 χ^2/NDF : 5.8/8

-266.970+/-364.873 χ^2/NDF : 61.6/57

Right Out: -1106.833+/-510.424 χ^2/NDF : 25.9/21

Left In: 6721.702+/-4244.047 χ^2/NDF : 9.7/8

cor_sam3_rms vs slug



Right In: 1070.277+/-0.374 χ^2/NDF : 14578704.6/17

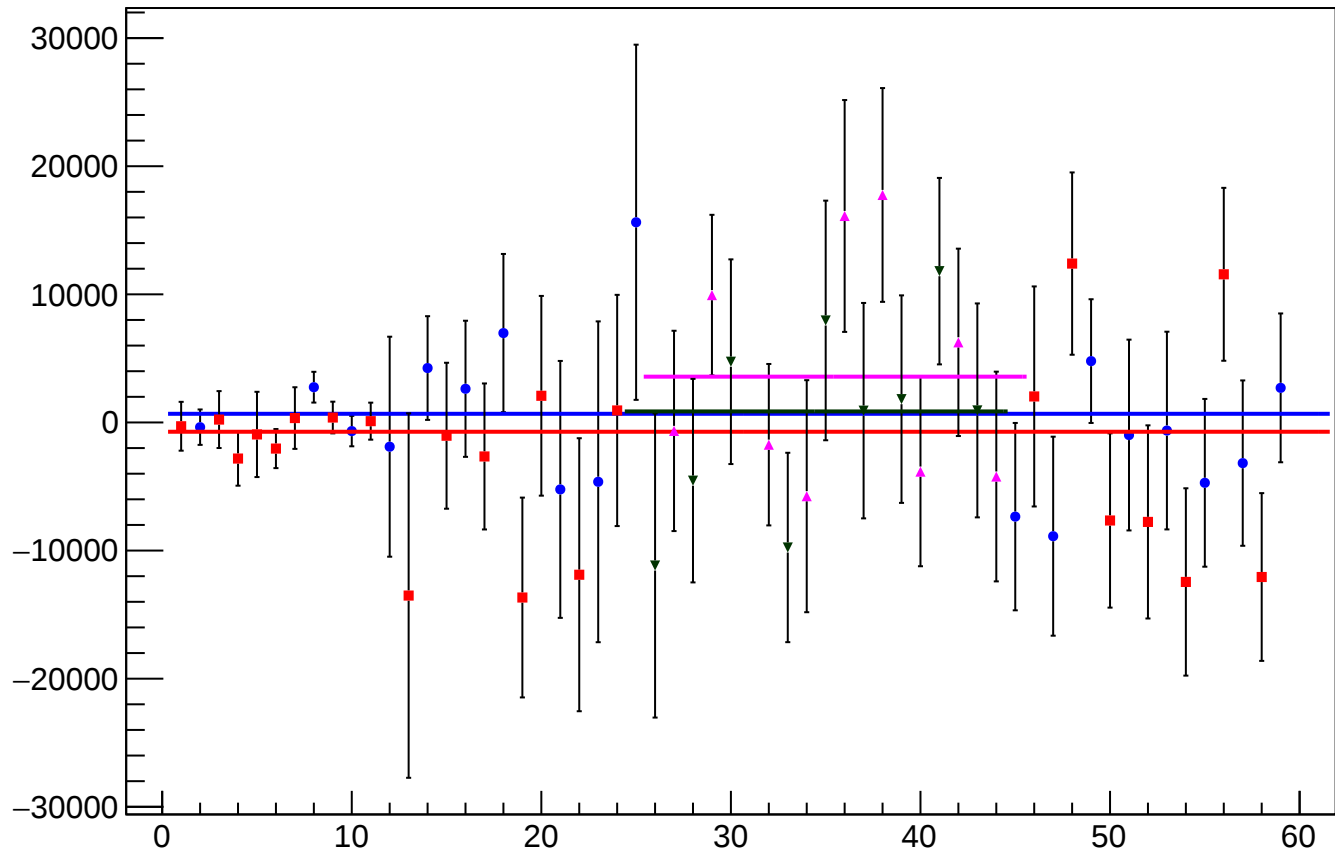
Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

Right Out: 1039.110+/-0.361 χ^2/NDF : 12185287.6/21

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

1174.789+/-0.258 χ^2/NDF : 43355106.6/57

cor_sam4_mean vs slug



Right In: 675.539+/-663.355 χ^2/NDF : 13.3/17

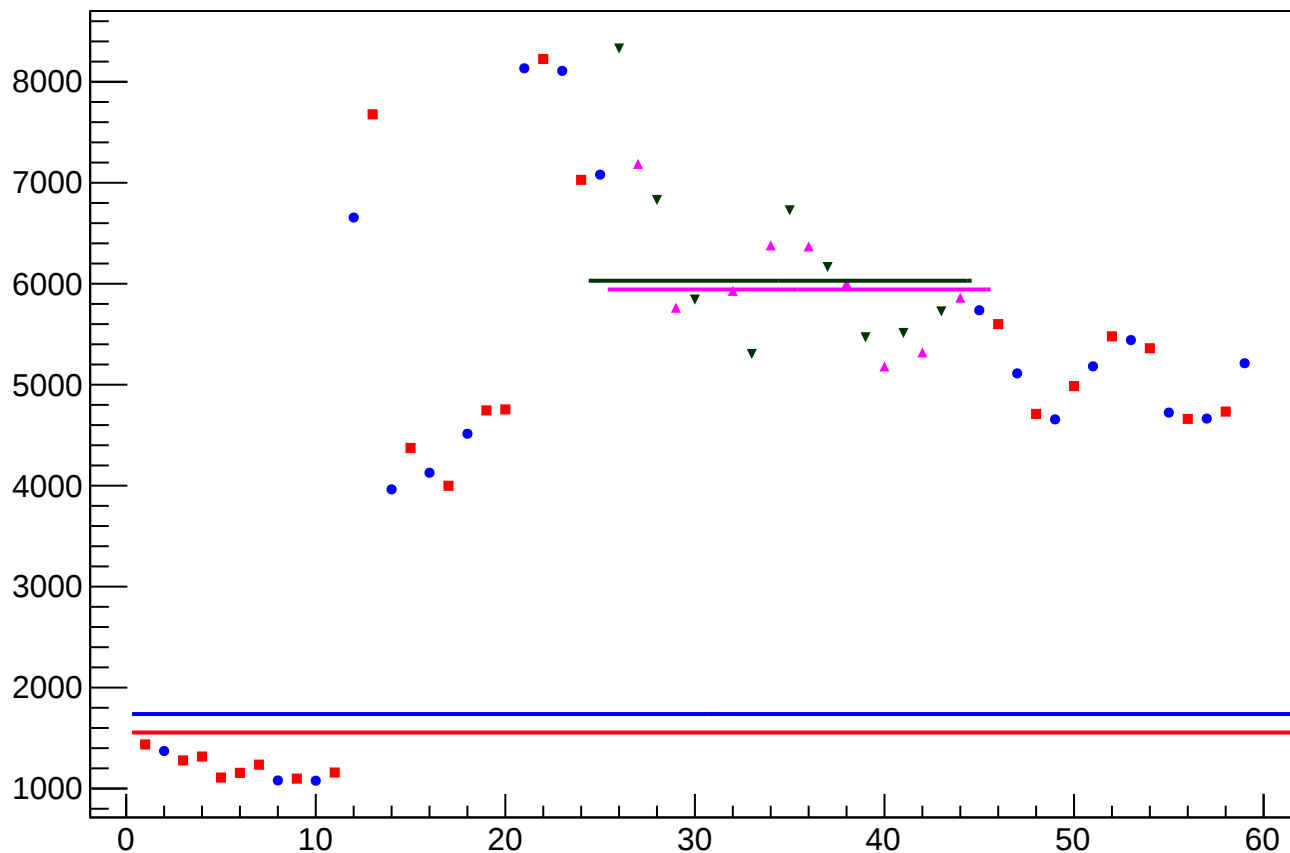
Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

35.872+/-432.552 χ^2/NDF : 57.0/57

Right Out: -725.717+/-599.388 χ^2/NDF : 22.5/21

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

cor_sam4_rms vs slug



Right In: 1738.145+/-0.469 χ^2 /NDF: 9194216.7/17

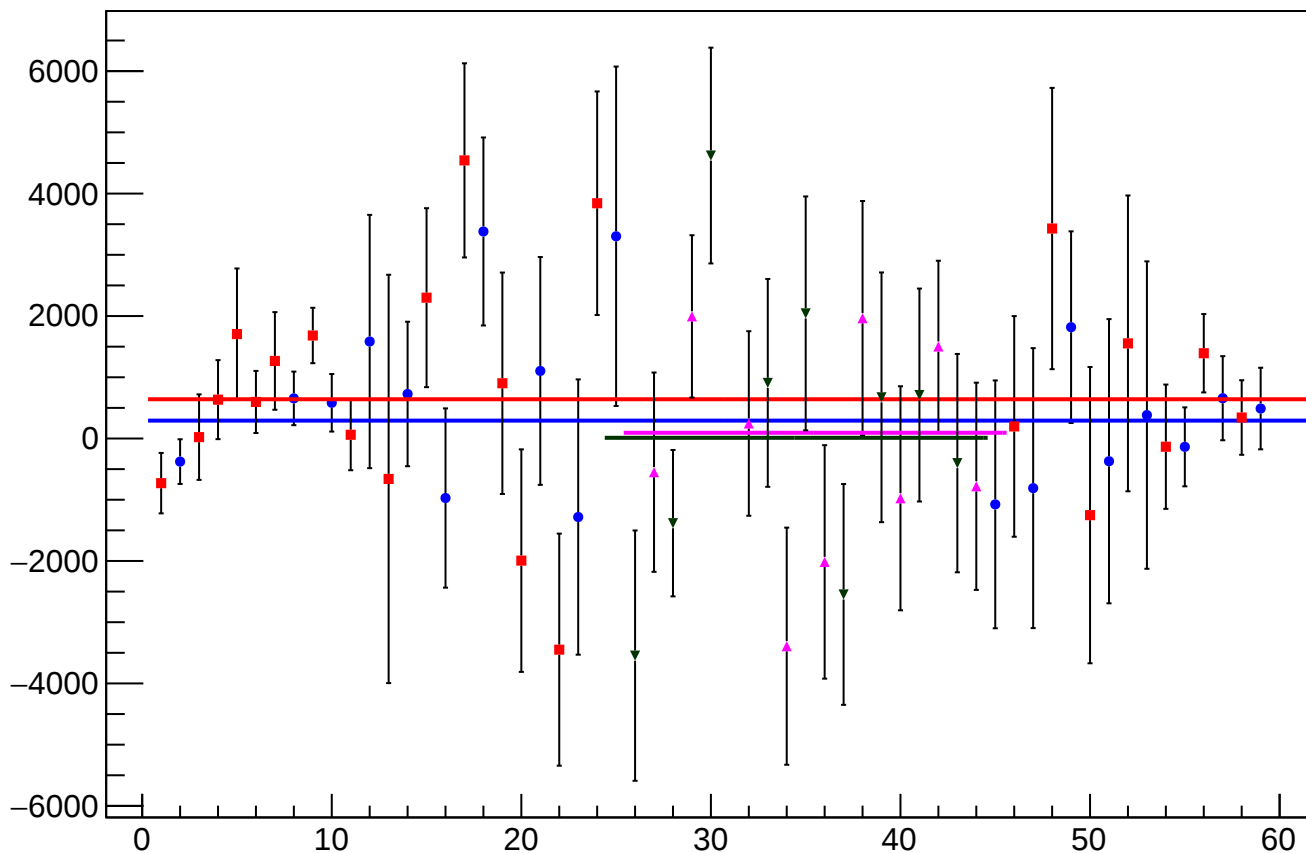
Left Out: 6029.703+/-1.954 χ^2 /NDF:149738.9/8

Right Out: 1555.208+/-0.424 χ^2 /NDF: 7440592.2/21

Left In: 5942.884+/-1.780 χ^2 /NDF:97554.3/8

1872.151+/-0.306 χ^2 /NDF: 27279200.8/57

cor_sam5_mean vs slug



Right In: 292.259+/-190.029 χ^2/NDF : 14.2/17

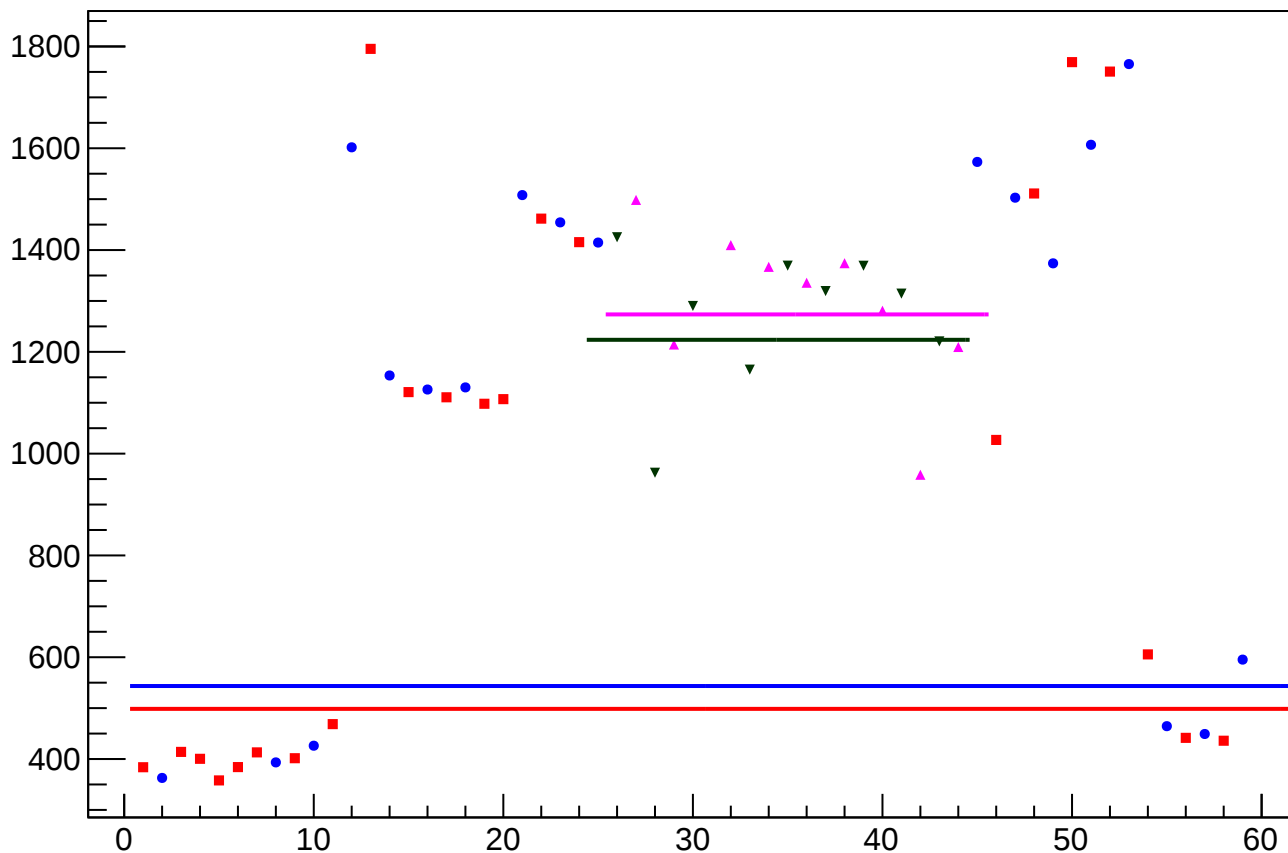
Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

Right Out: 641.189+/-177.189 χ^2/NDF : 38.2/21

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

437.510+/-123.110 χ^2/NDF : 79.5/57

cor_sam5_rms vs slug



Right In: 543.431+/-0.134 χ^2/NDF : 5987396.2/17

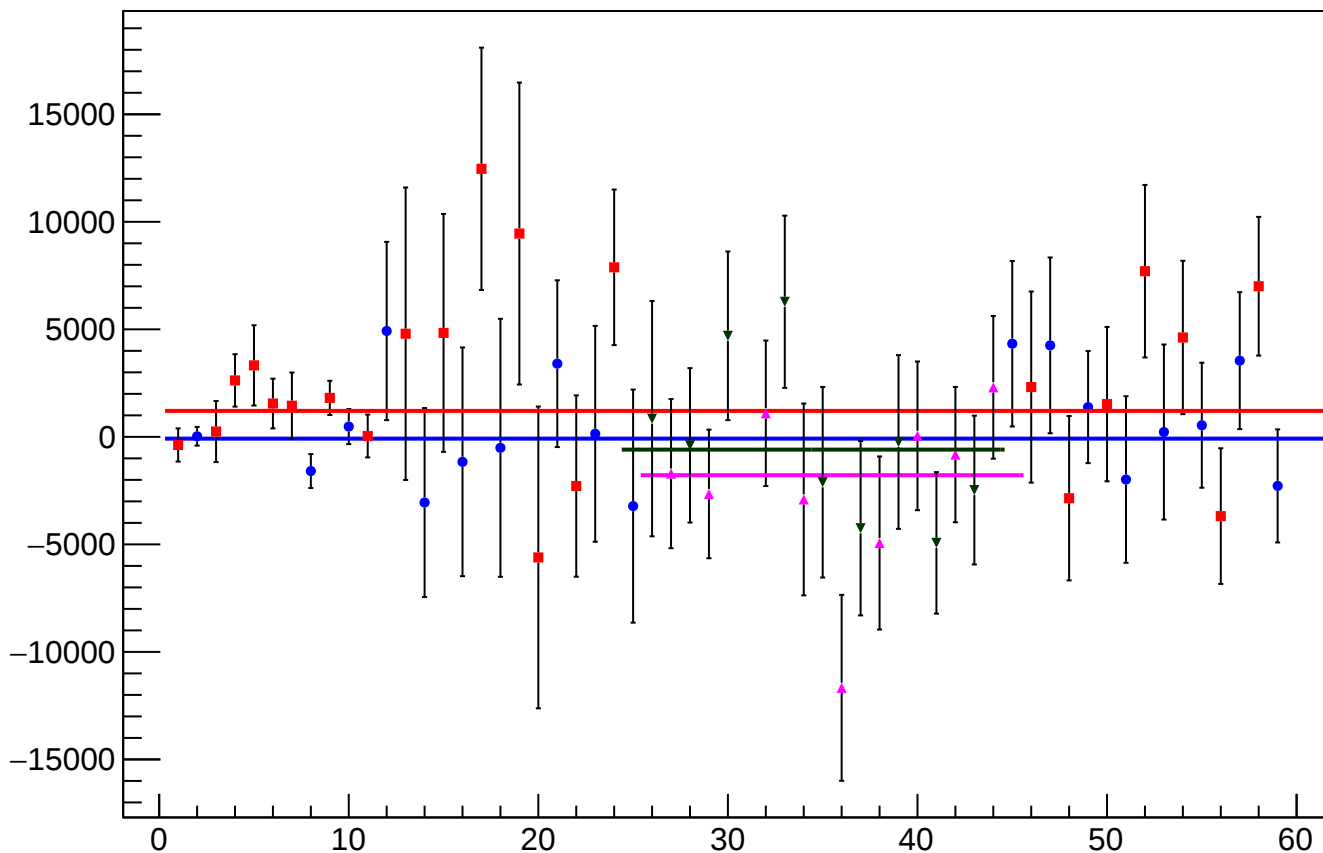
Left Out: 1223.657+/-0.403 χ^2/NDF : 153036.7/8

Right Out: 498.546+/-0.125 χ^2/NDF : 4577913.1/21

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

590.657+/-0.087 χ^2/NDF : 17156187.3/57

cor_sam6_mean vs slug



Right In: -82.068 ± 324.551 χ^2/NDF : 12.3/17

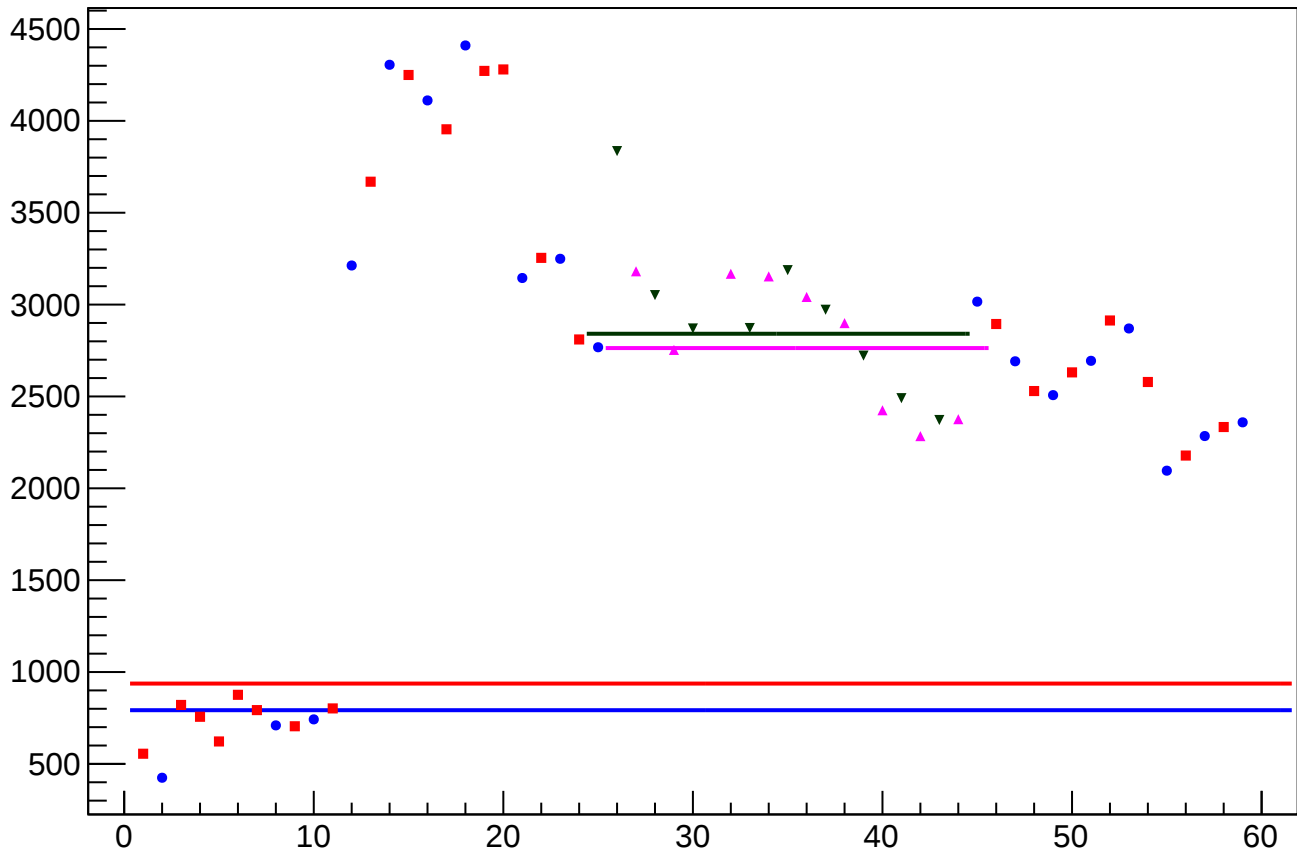
Left Out: -592.543 ± 1304.748 χ^2/NDF : 7.8/8

Right Out: 1207.767 ± 360.630 χ^2/NDF : 30.9/21

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

371.494 ± 232.535 χ^2/NDF : 70.9/57

cor_sam6_rms vs slug



Right In: 792.279 $\pm$ 0.229 χ^2 /NDF: 10932541.6/17

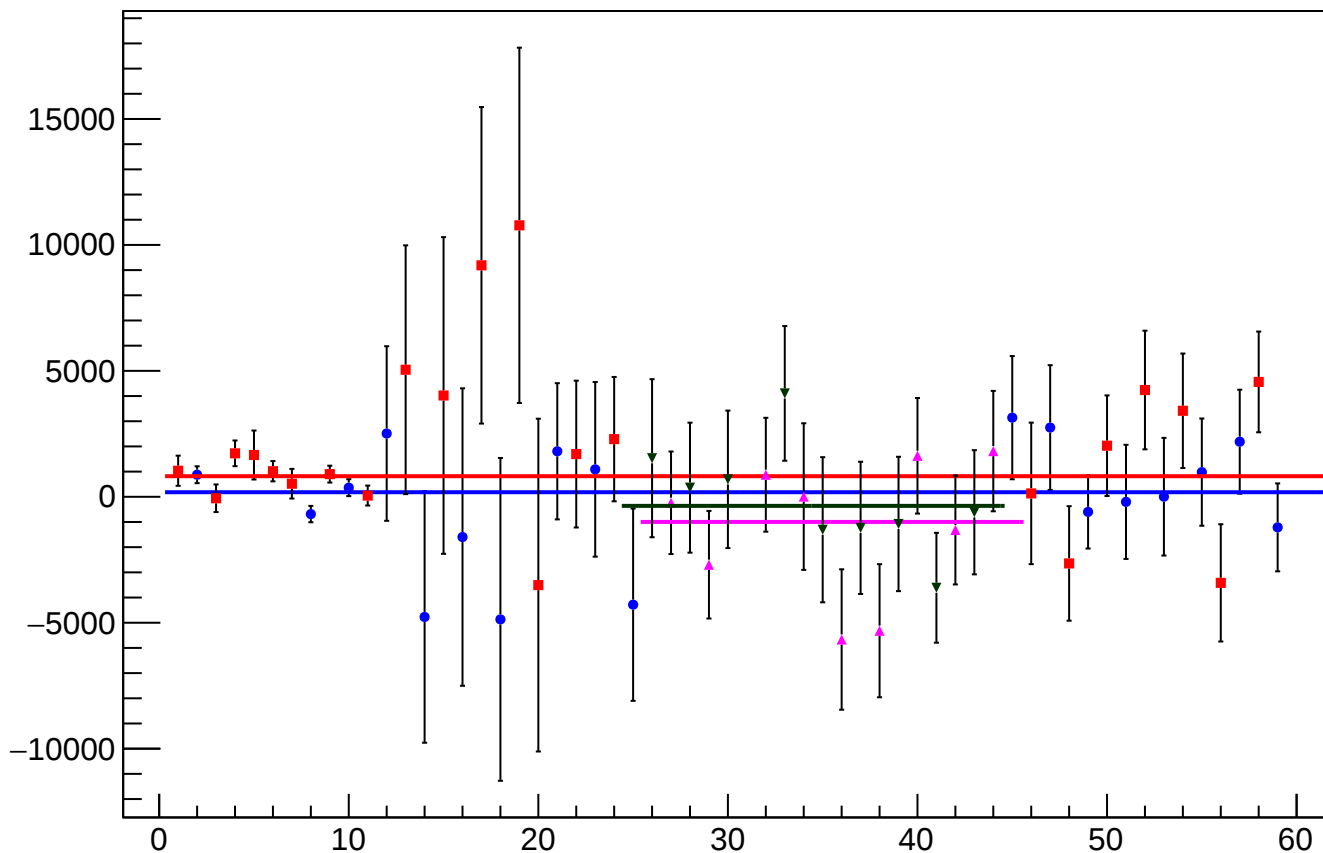
Left Out: 2841.264 $\pm$ 0.923 χ^2 /NDF: 148700.6/8

Right Out: 937.210 $\pm$ 0.255 χ^2 /NDF: 7268305.3/21

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

994.723 $\pm$ 0.164 χ^2 /NDF: 27886511.9/57

cor_sam7_mean vs slug



Right In: 181.505 $\pm$ 183.669 χ^2 /NDF: 20.2/17

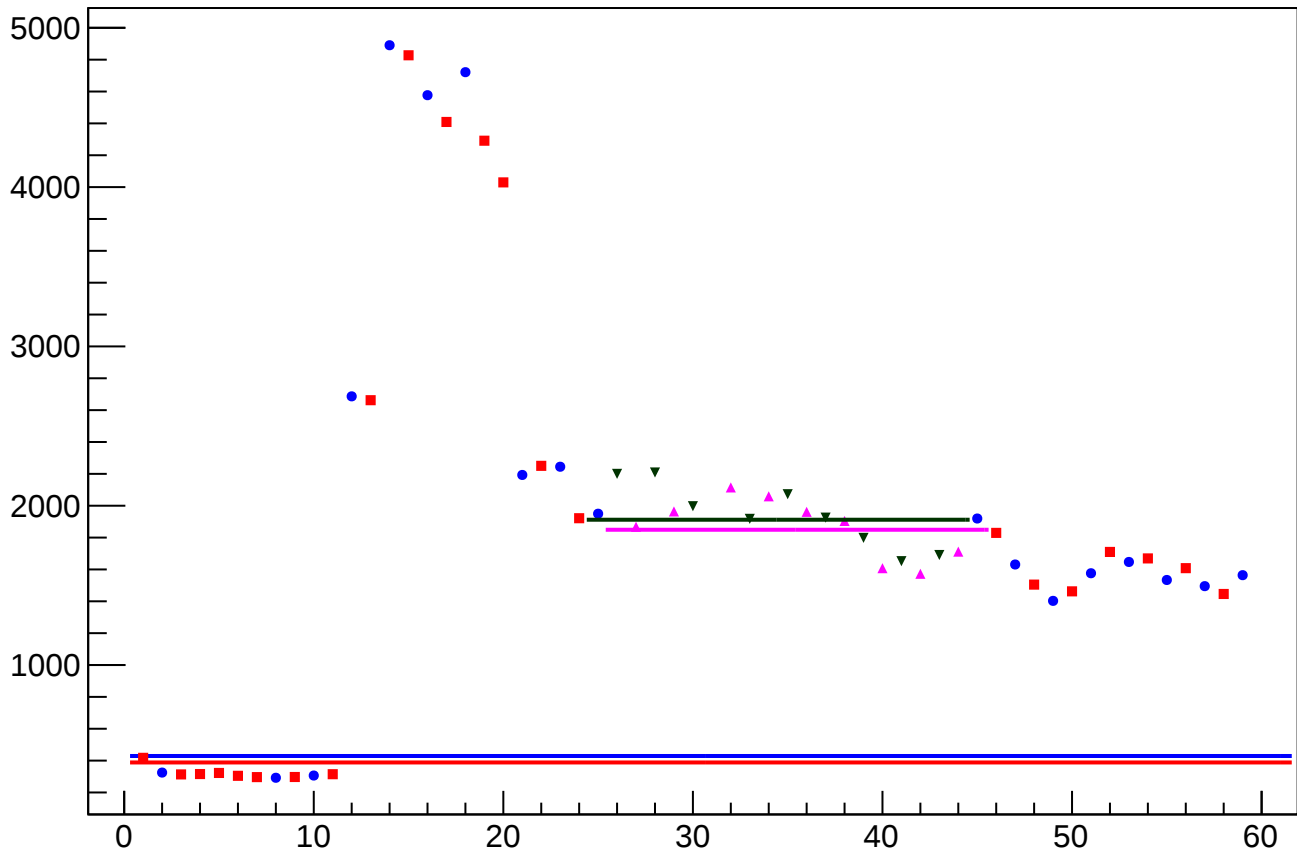
Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

Right Out: 817.819 $\pm$ 164.024 χ^2 /NDF: 29.5/21

Left In: -997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

482.997 $\pm$ 119.741 χ^2 /NDF: 76.8/57

cor_sam7_rms vs slug



Right In: 428.973+/-0.130 χ^2/NDF : 11944321.5/17

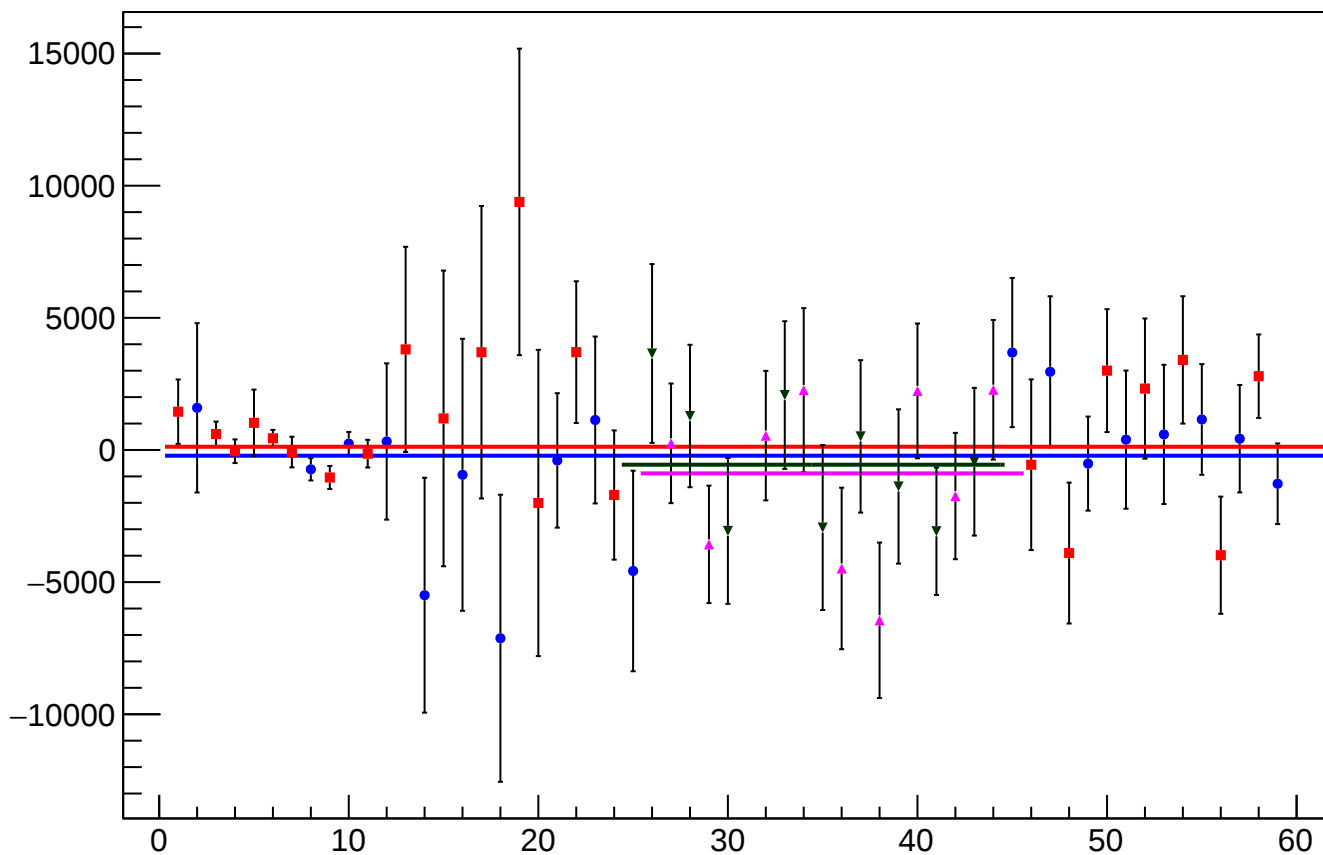
Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

468.199+/-0.085 χ^2/NDF : 33819160.0/57

Right Out: 388.345+/-0.116 χ^2/NDF : 9453876.1/21

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

cor_sam8_mean vs slug



Right In: -216.603 ± 275.501 $\chi^2/\text{NDF}: 11.8/17$

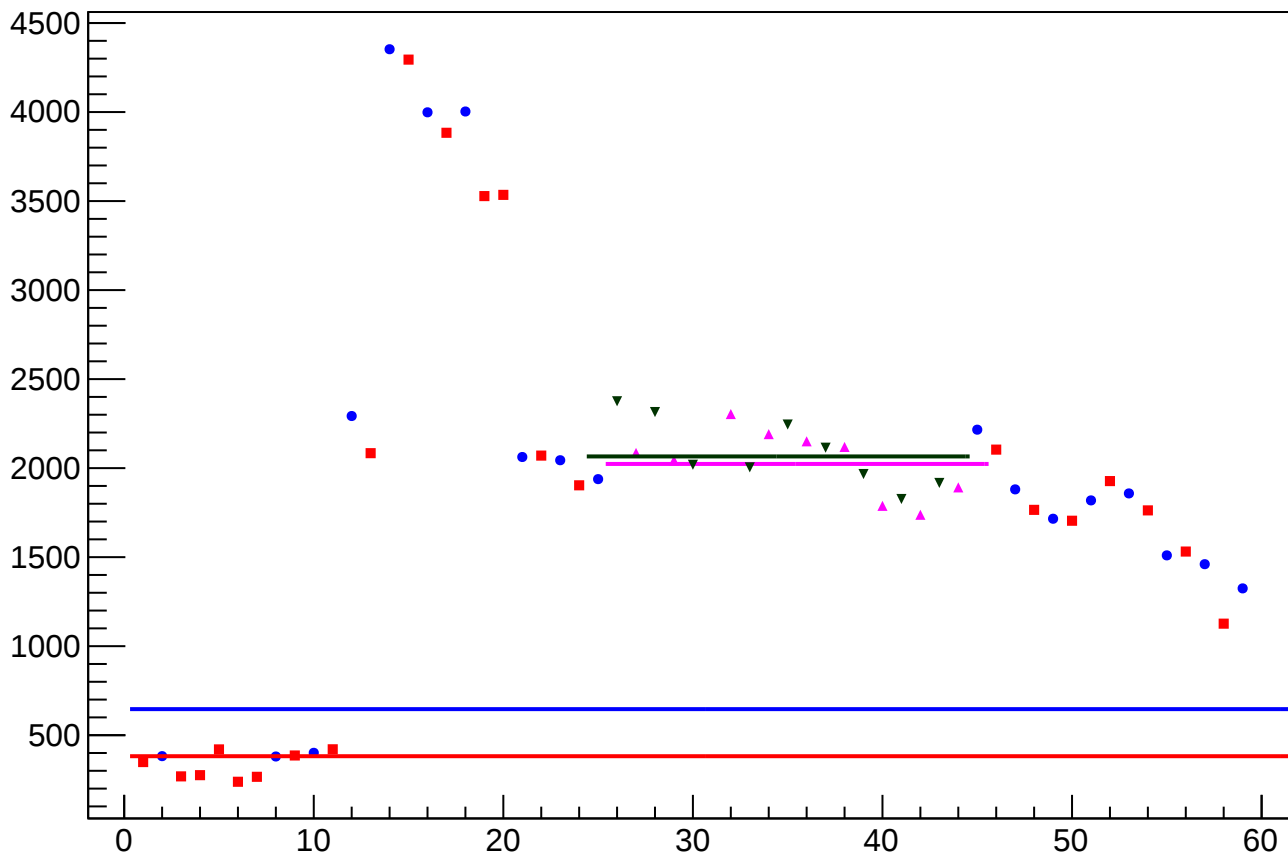
Left Out: -557.273 ± 942.969 $\chi^2/\text{NDF}: 5.6/8$

Right Out: 123.021 ± 170.674 $\chi^2/\text{NDF}: 30.5/21$

Left In: -886.158 ± 856.437 $\chi^2/\text{NDF}: 11.1/8$

-9.310 ± 141.432 $\chi^2/\text{NDF}: 61.6/57$

cor_sam8_rms vs slug



Right In: 646.402 $\pm$ 0.195 χ^2 /NDF: 9890162.1/17

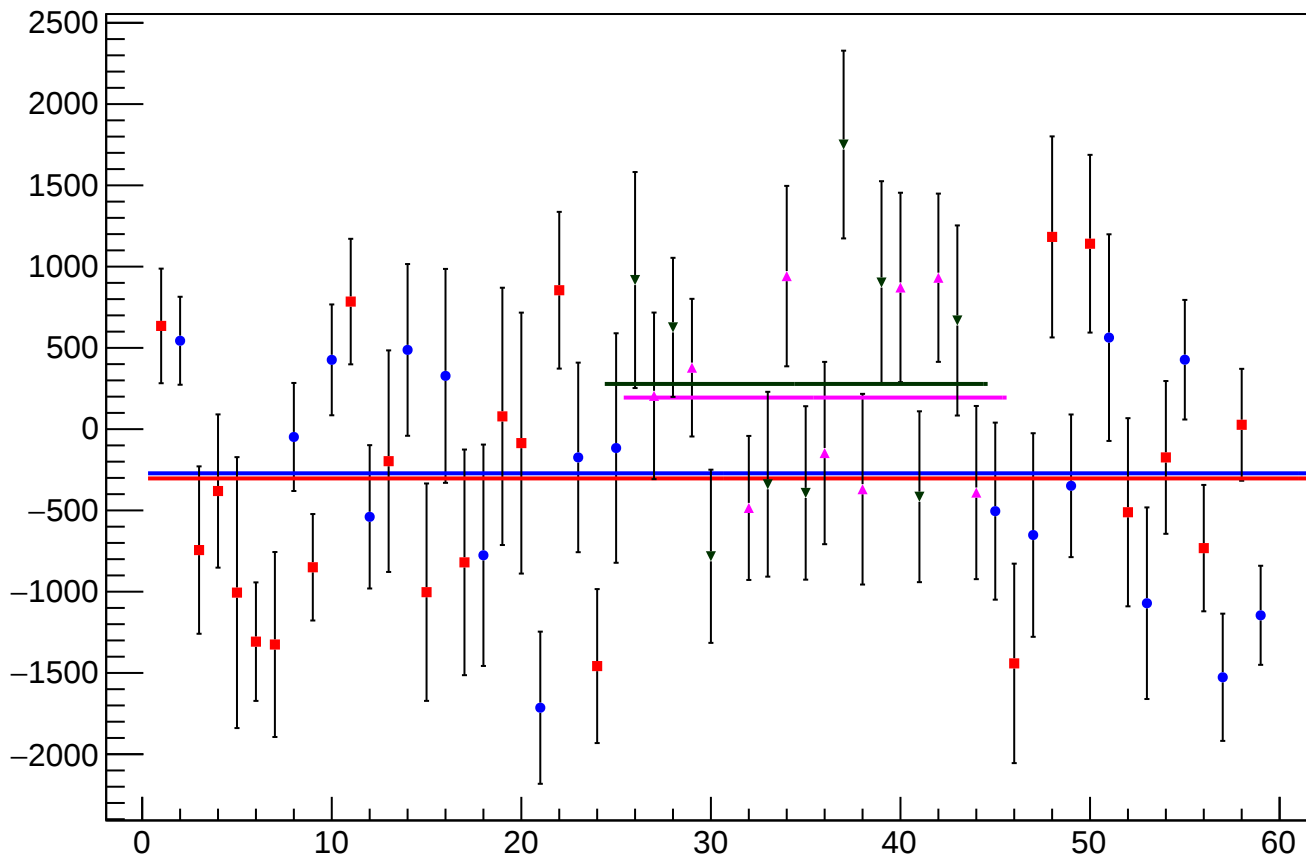
Left Out: 2065.730 $\pm$ 0.667 χ^2 /NDF: 70231.7/8

Right Out: 381.958 $\pm$ 0.121 χ^2 /NDF: 9709504.8/21

Left In: 2023.519 $\pm$ 0.606 χ^2 /NDF: 89775.7/8

534.296 $\pm$ 0.100 χ^2 /NDF: 33006563.8/57

reg_asym_sam1_mean vs slug



Right In: -271.728 ± 102.518 χ^2/NDF : 53.4/17

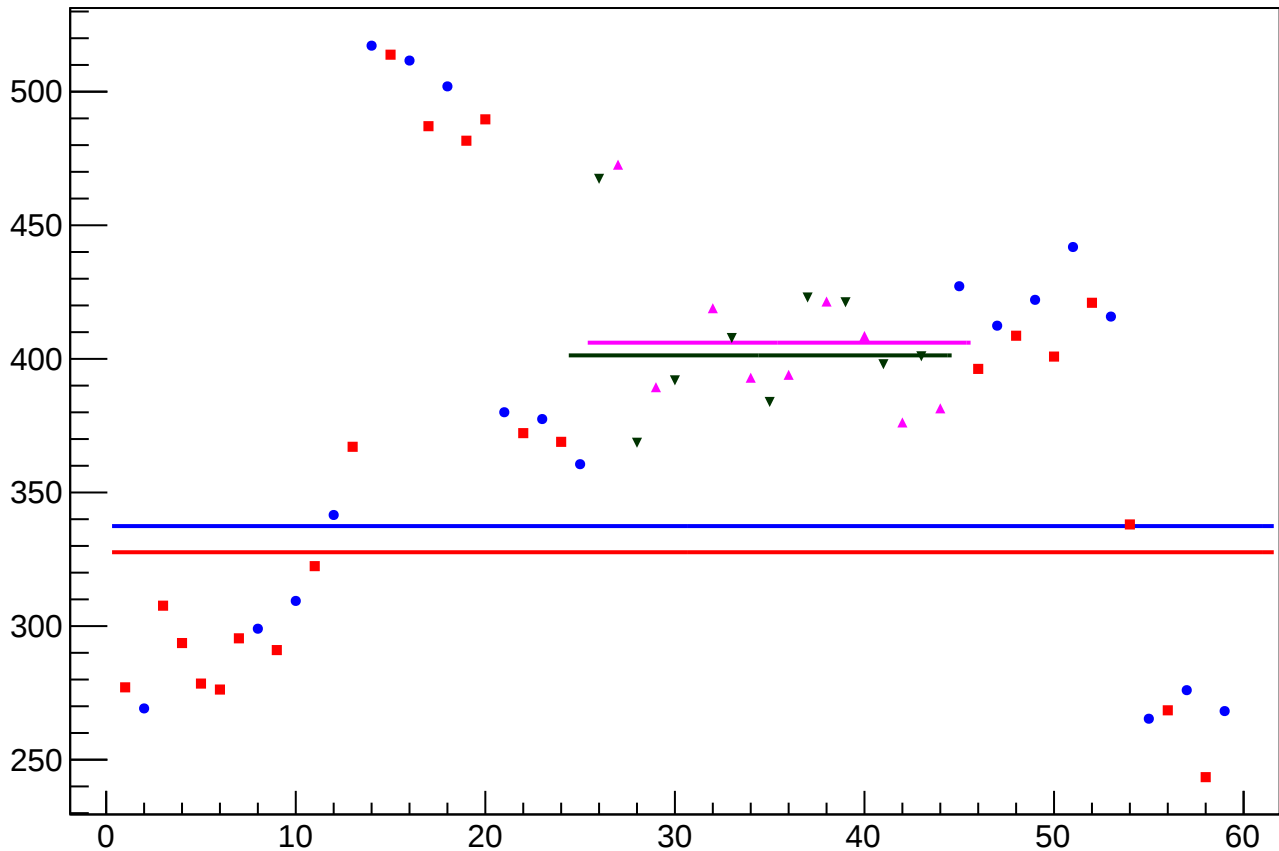
Left Out: 278.172 ± 182.670 χ^2/NDF : 18.0/8

Right Out: -303.216 ± 103.176 χ^2/NDF : 62.3/21

Left In: 194.244 ± 171.477 χ^2/NDF : 10.2/8

-155.674 ± 62.862 χ^2/NDF : 157.0/57

reg_asym_sam1_rms vs slug



Right In: 337.427+/-0.072 χ^2/NDF : 1160127.1/17

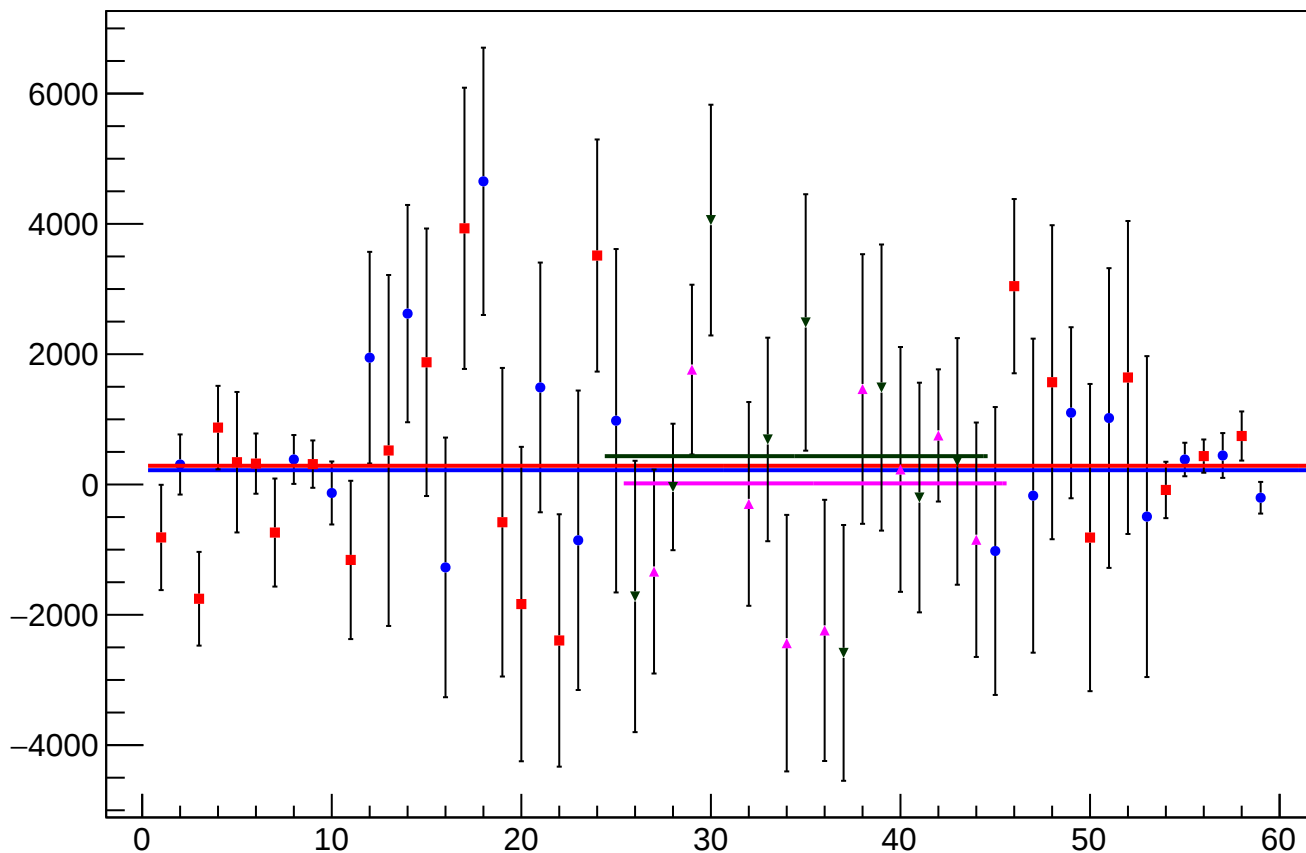
Left Out: 401.310+/-0.129 χ^2/NDF : 39388.5/8

350.584+/-0.044 χ^2/NDF : 2651646.4/57

Right Out: 327.640+/-0.073 χ^2/NDF : 903733.8/21

Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

asym_sam1_correction_mean vs slug



Right In: 219.417 ± 129.391 $\chi^2/\text{NDF}: 14.8/17$

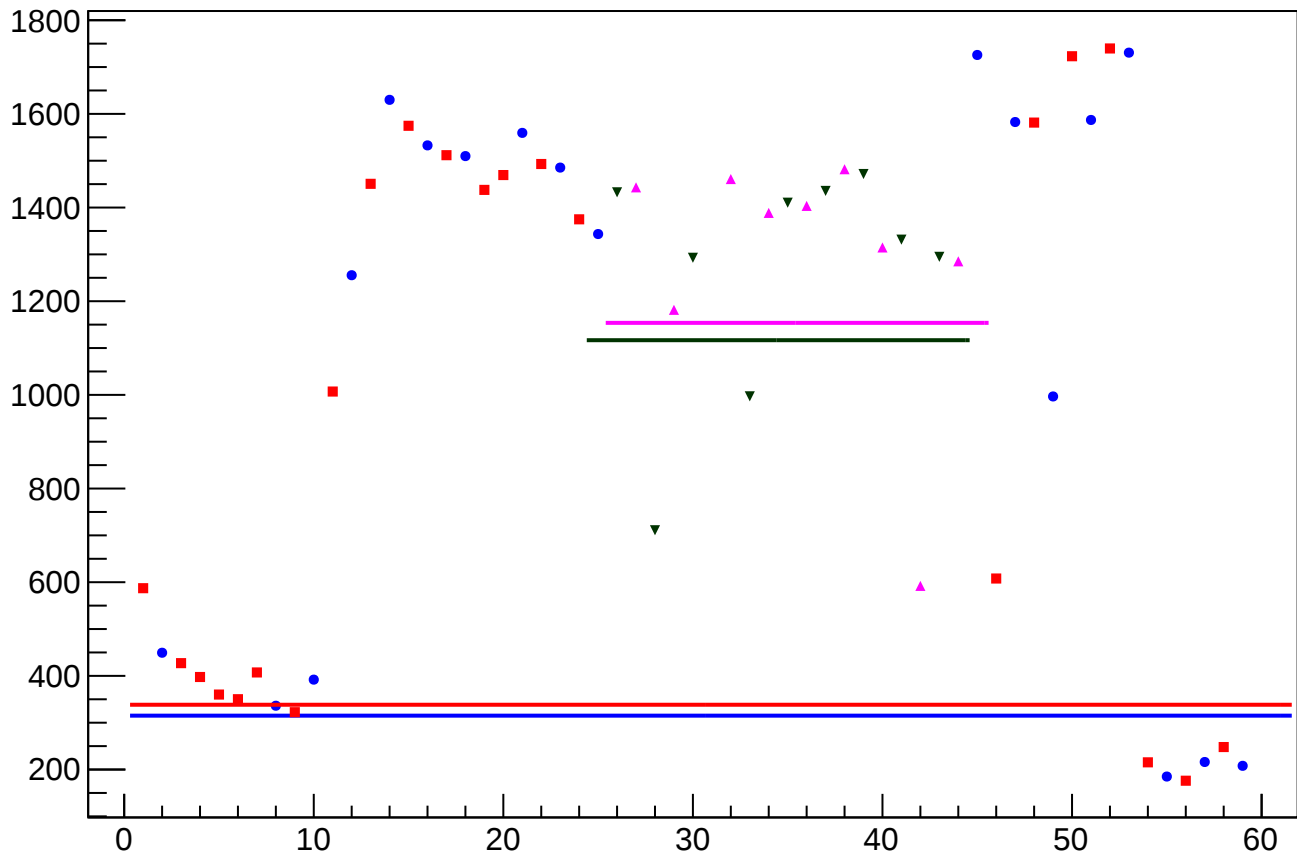
Left Out: 434.930 ± 546.579 $\chi^2/\text{NDF}: 9.3/8$

Right Out: 287.476 ± 139.363 $\chi^2/\text{NDF}: 30.9/21$

Left In: 17.108 ± 519.136 $\chi^2/\text{NDF}: 6.7/8$

248.797 ± 91.950 $\chi^2/\text{NDF}: 62.1/57$

asym_sam1_correction_rms vs slug



Right In: 315.049+/-0.091 χ^2/NDF : 9478565.0/17

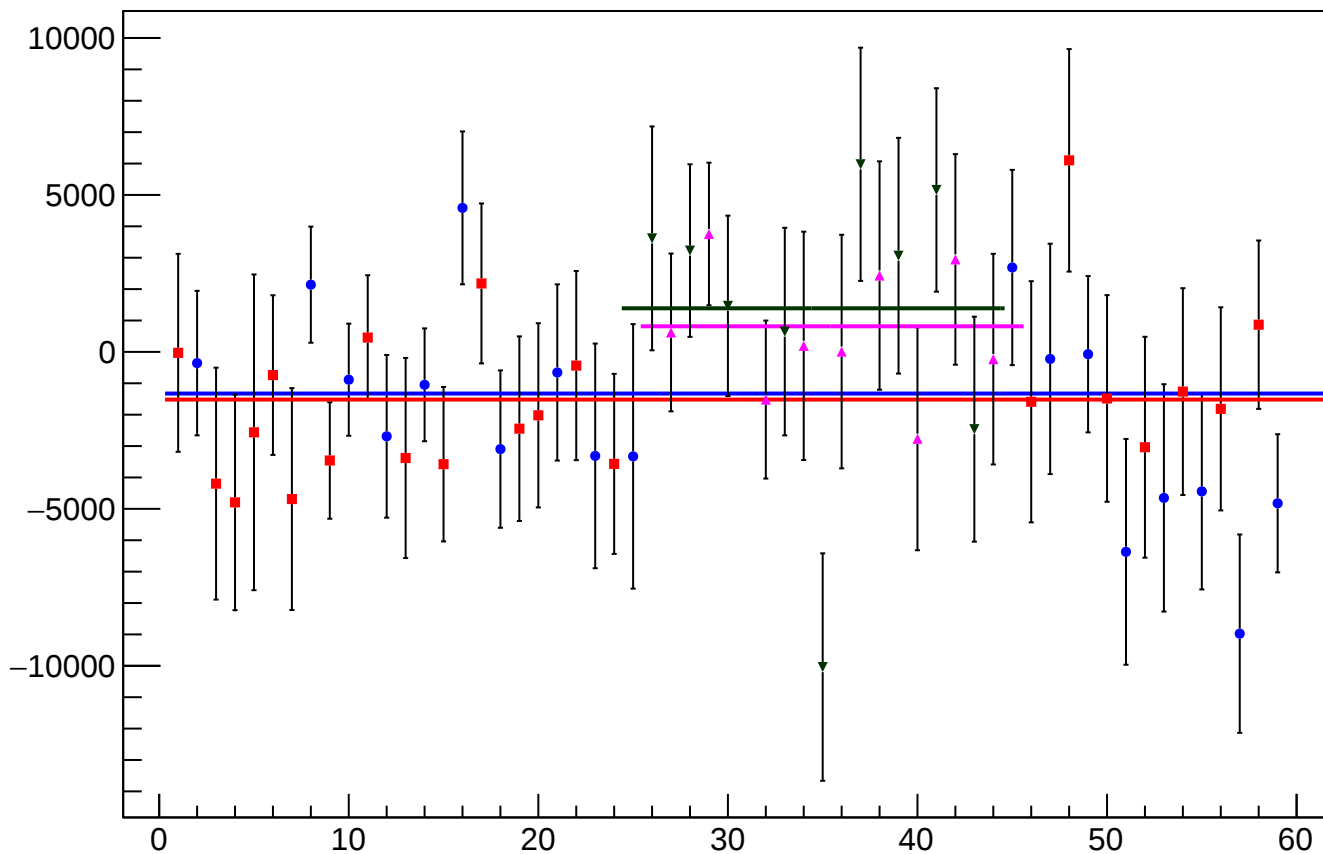
Left Out: 1116.751+/-0.386 χ^2/NDF : 624096.5/8

374.188+/-0.065 χ^2/NDF : 27597620.7/57

Right Out: 338.337+/-0.099 χ^2/NDF : 7848644.3/21

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

reg_asym_sam2_mean vs slug



Right In: -1326.680+/-603.652 χ^2/NDF : 25.2/17

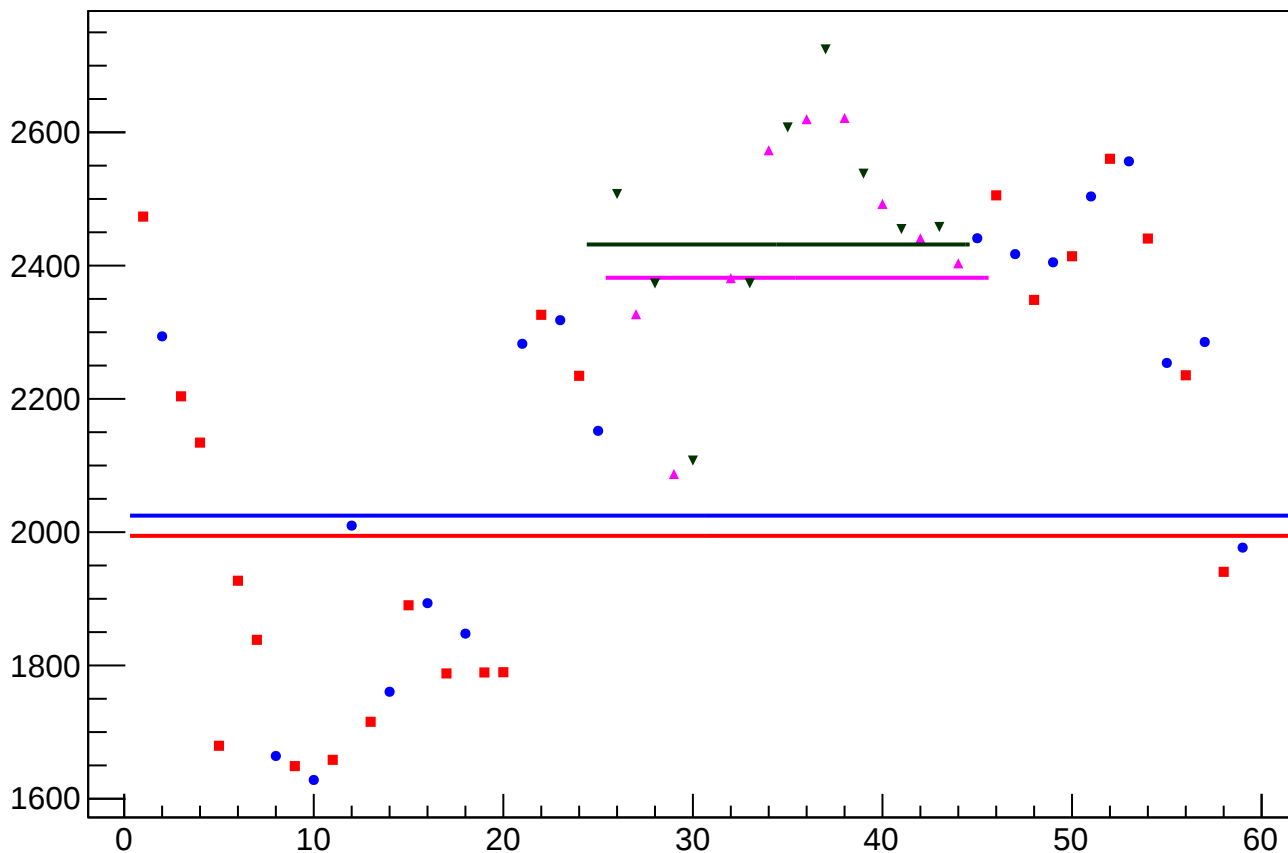
Left Out: 1388.791+/-1106.824 χ^2/NDF : 15.1/8

Right Out: -1518.785+/-619.527 χ^2/NDF : 14.2/21

Left In: 815.233+/-1004.854 χ^2/NDF : 4.3/8

-790.463+/-373.813 χ^2/NDF : 67.5/57

reg_asym_sam2_rms vs slug



Right In: 2024.814+/-0.427 χ^2/NDF : 502543.8/17

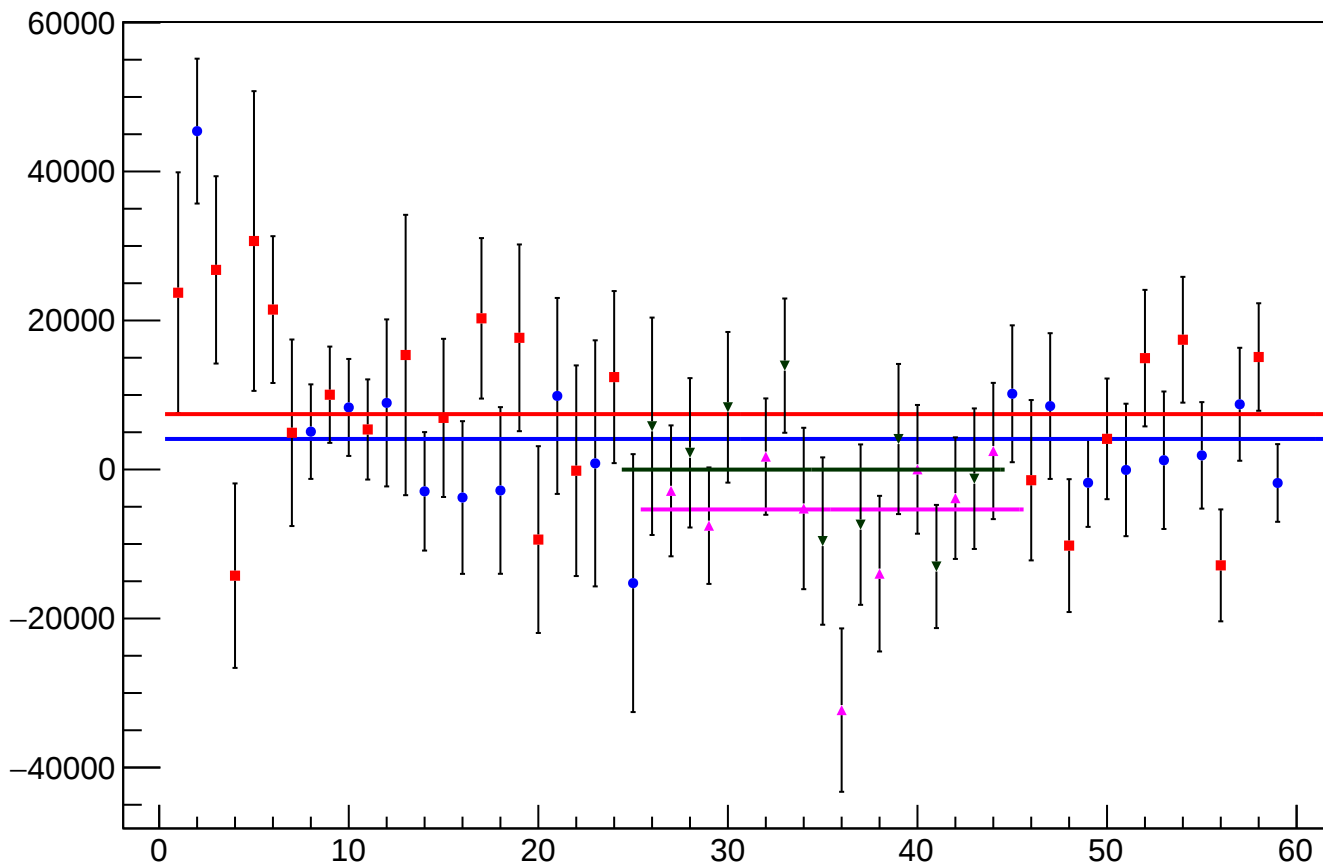
Left Out: 2431.683+/-0.783 χ^2/NDF : 46819.5/8

Right Out: 1994.484+/-0.438 χ^2/NDF : 473616.0/21

Left In: 2381.709+/-0.711 χ^2/NDF : 59588.8/8

2109.571+/-0.264 χ^2/NDF : 1507093.9/57

asym_sam2_correction_mean vs slug



Right In: 4099.339 ± 1953.385 χ^2/NDF : 25.6/17

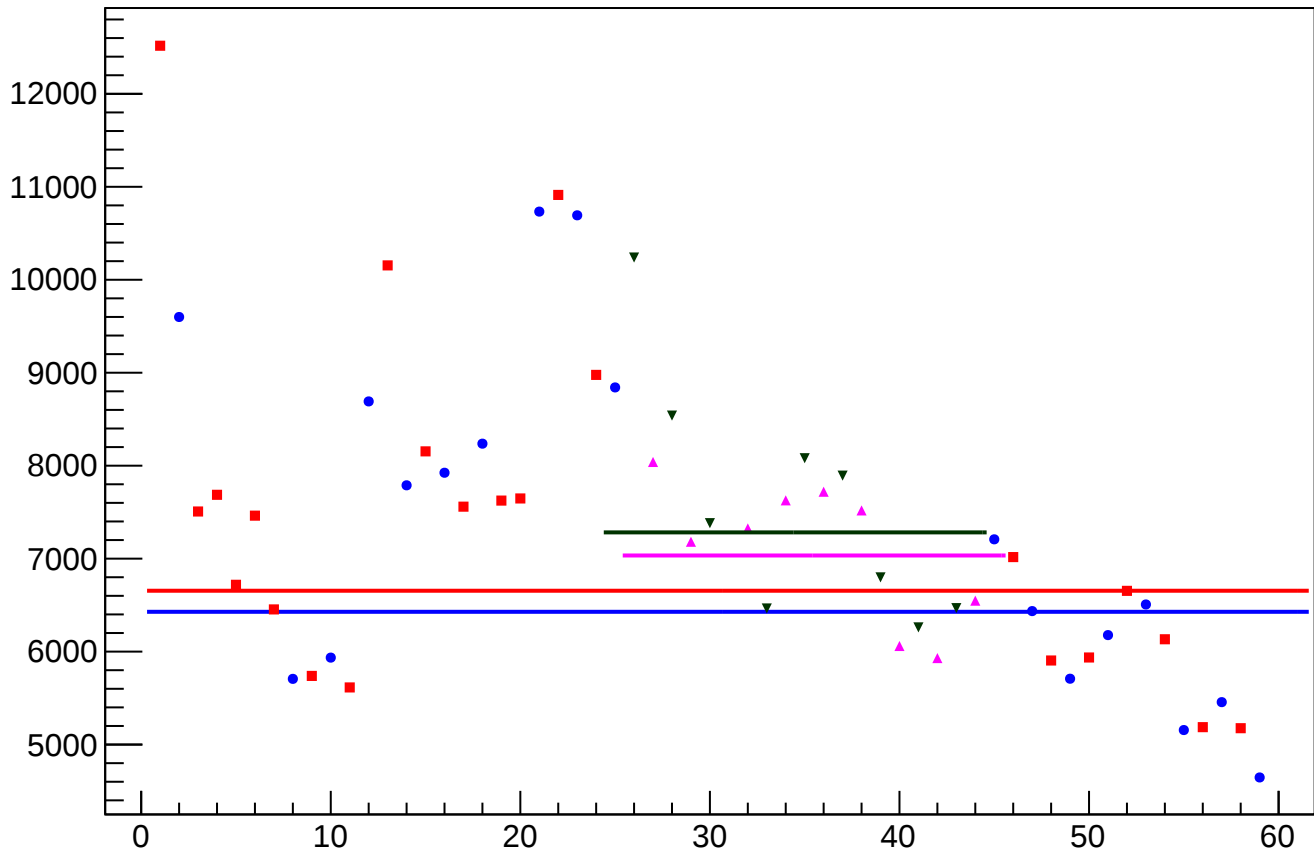
Left Out: -13.656 ± 3351.634 χ^2/NDF : 7.1/8

Right Out: 7432.799 ± 2099.797 χ^2/NDF : 29.9/21

Left In: -5363.340 ± 2986.715 χ^2/NDF : 8.9/8

3127.033 ± 1203.861 χ^2/NDF : 85.0/57

asym_sam2_correction_rms vs slug



Right In: 6428.206 $\pm$ 1.381 χ^2/NDF : 1247245.0/17

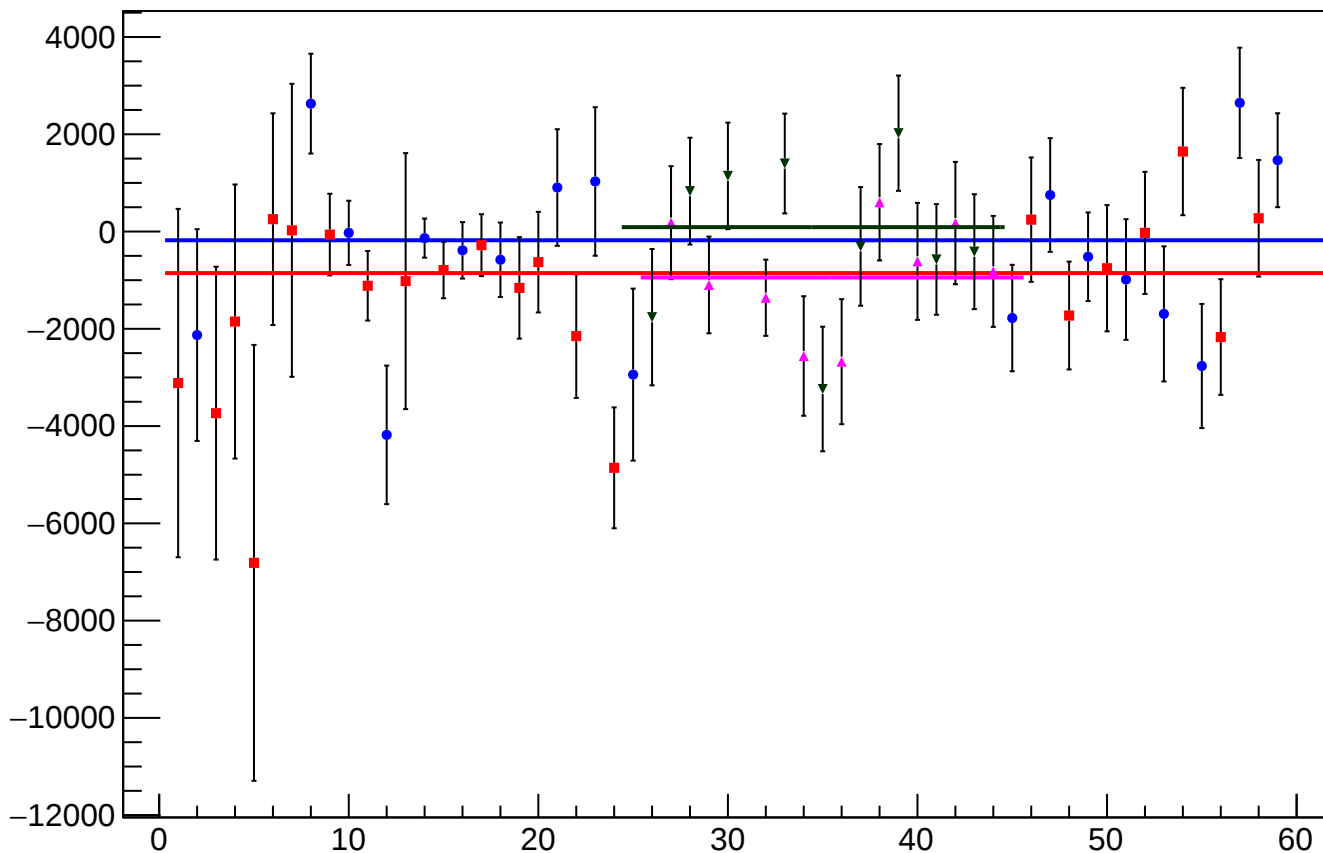
Left Out: 7282.484 $\pm$ 2.370 χ^2/NDF : 196859.8/8

6711.319 $\pm$ 0.851 χ^2/NDF : 2682997.8/57

Right Out: 6654.777 $\pm$ 1.485 χ^2/NDF : 998523.8/21

Left In: 7034.023 $\pm$ 2.112 χ^2/NDF : 115477.2/8

reg_asym_sam3_mean vs slug



Right In: -179.238 ± 210.097 χ^2/NDF : 38.3/17

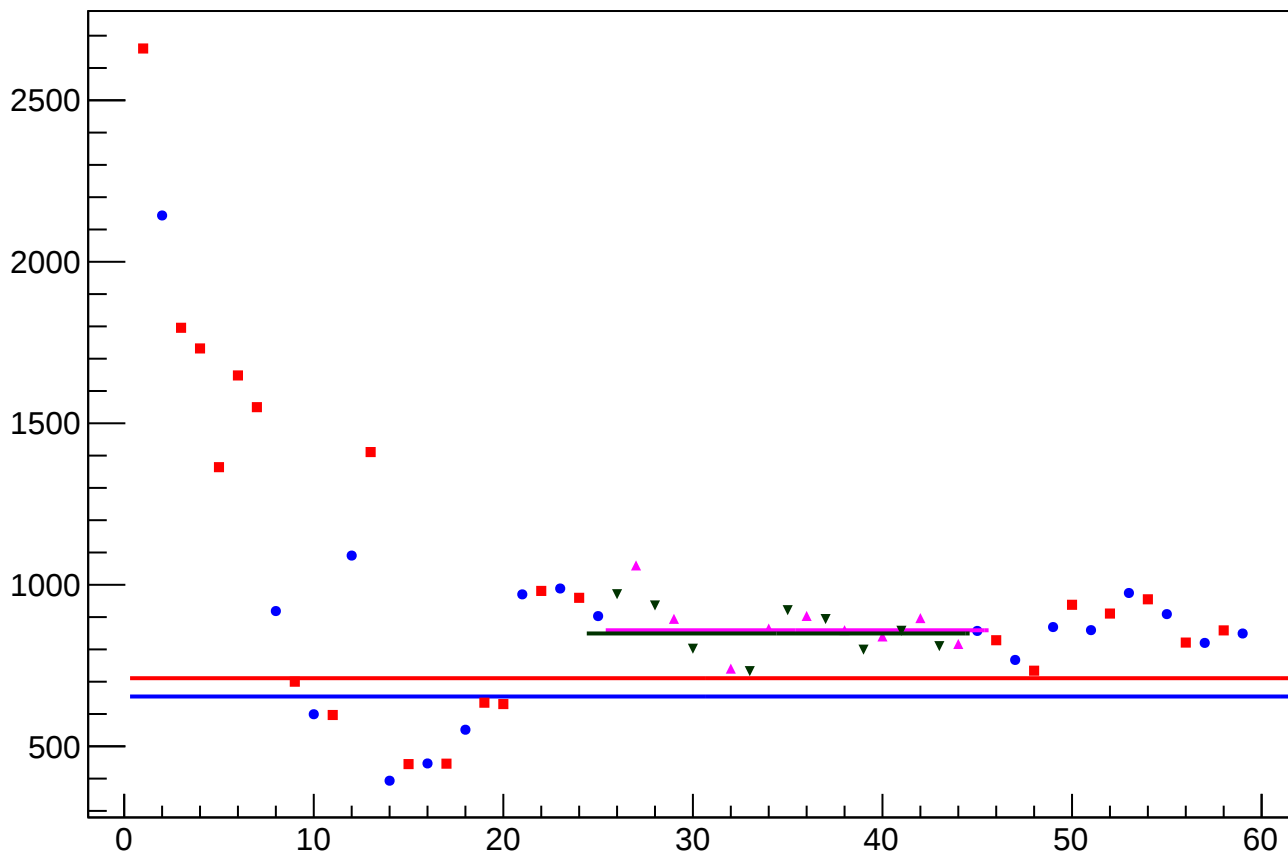
Left Out: 90.339 ± 389.088 χ^2/NDF : 14.8/8

Right Out: -853.893 ± 239.632 χ^2/NDF : 24.5/21

Left In: -944.816 ± 366.628 χ^2/NDF : 7.3/8

-468.694 ± 135.939 χ^2/NDF : 93.1/57

reg_asym_sam3_rms vs slug



Right In: 654.176+/-0.149 χ^2/NDF : 3241564.1/17

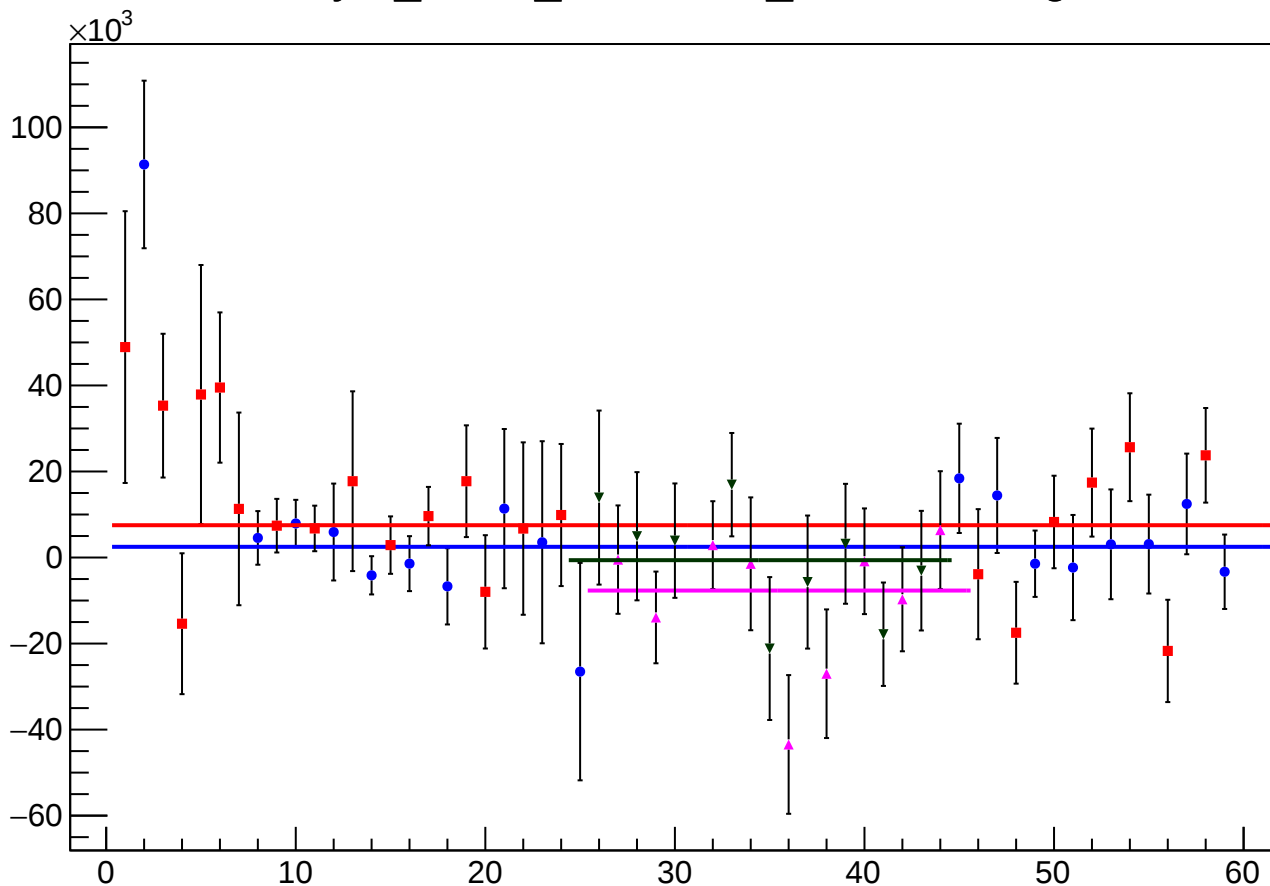
Left Out: 849.335+/-0.275 χ^2/NDF : 71988.4/8

Right Out: 710.836+/-0.169 χ^2/NDF : 3083540.8/21

Left In: 859.215+/-0.259 χ^2/NDF : 115716.9/8

724.421+/-0.096 χ^2/NDF : 7219291.7/57

asym_sam3_correction_mean vs slug



Right In: 2487.659 ± 2070.592 $\chi^2/\text{NDF}: 31.2/17$

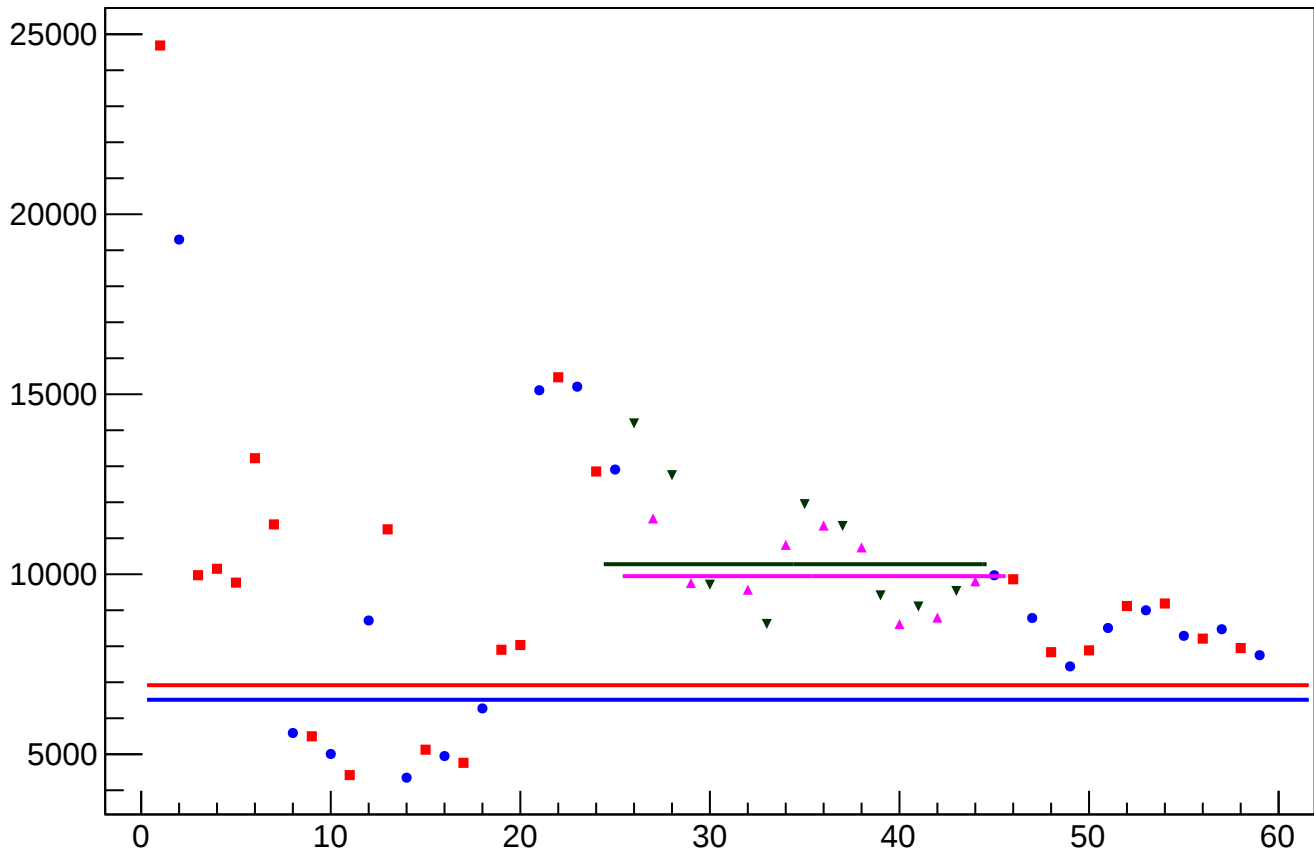
Left Out: -616.435 ± 4735.998 $\chi^2/\text{NDF}: 6.7/8$

2945.531 ± 1383.495 $\chi^2/\text{NDF}: 88.3/57$

Right Out: 7509.970 ± 2302.694 $\chi^2/\text{NDF}: 29.7/21$

Left In: -7678.057 ± 4224.700 $\chi^2/\text{NDF}: 9.9/8$

asym_sam3_correction_rms vs slug



Right In: 6513.247+/-1.464 χ^2/NDF : 3070346.5/17

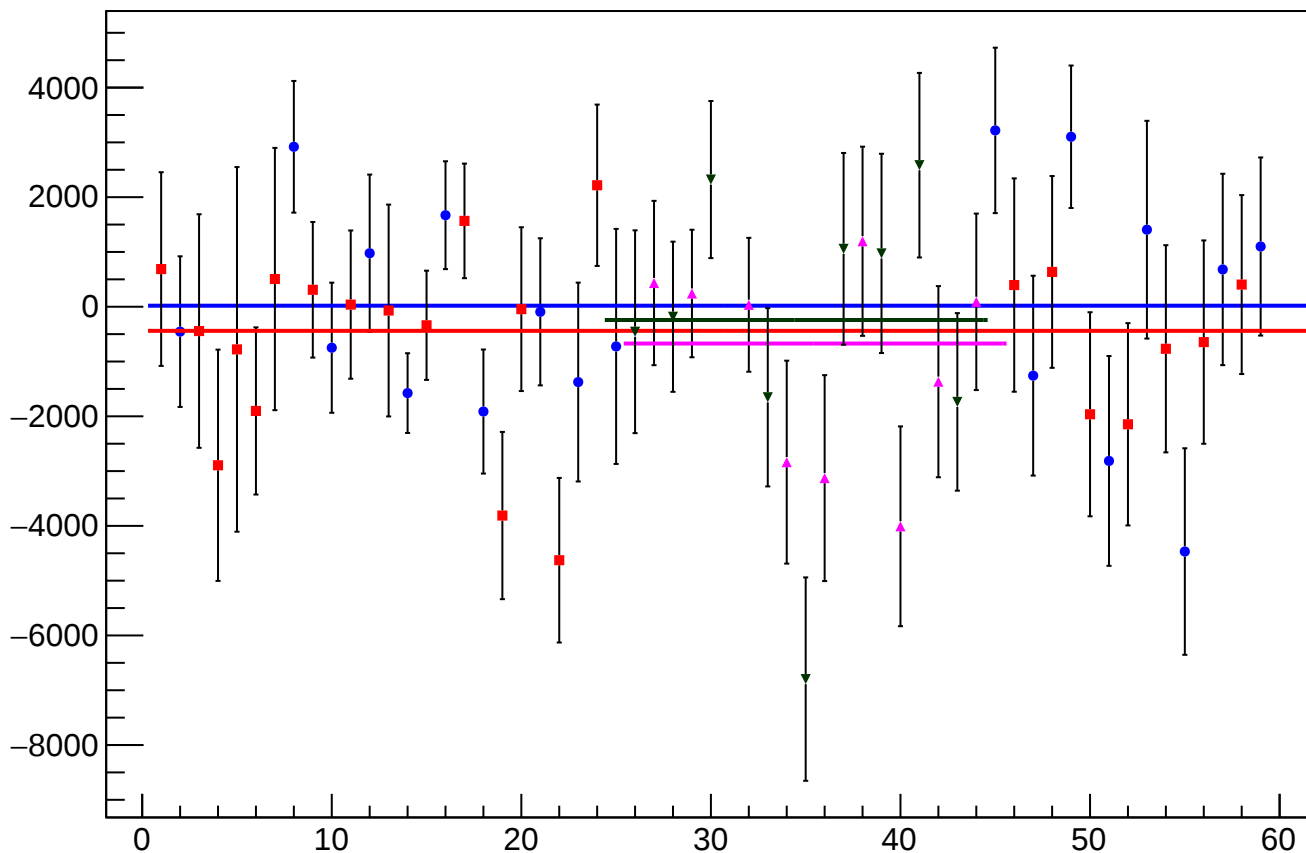
Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8

7349.100+/-0.978 χ^2/NDF : 8363588.4/57

Right Out: 6918.373+/-1.628 χ^2/NDF : 3036847.0/21

Left In: 9946.833+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 19.064 $\pm$ 315.624 χ^2 /NDF: 37.6/17

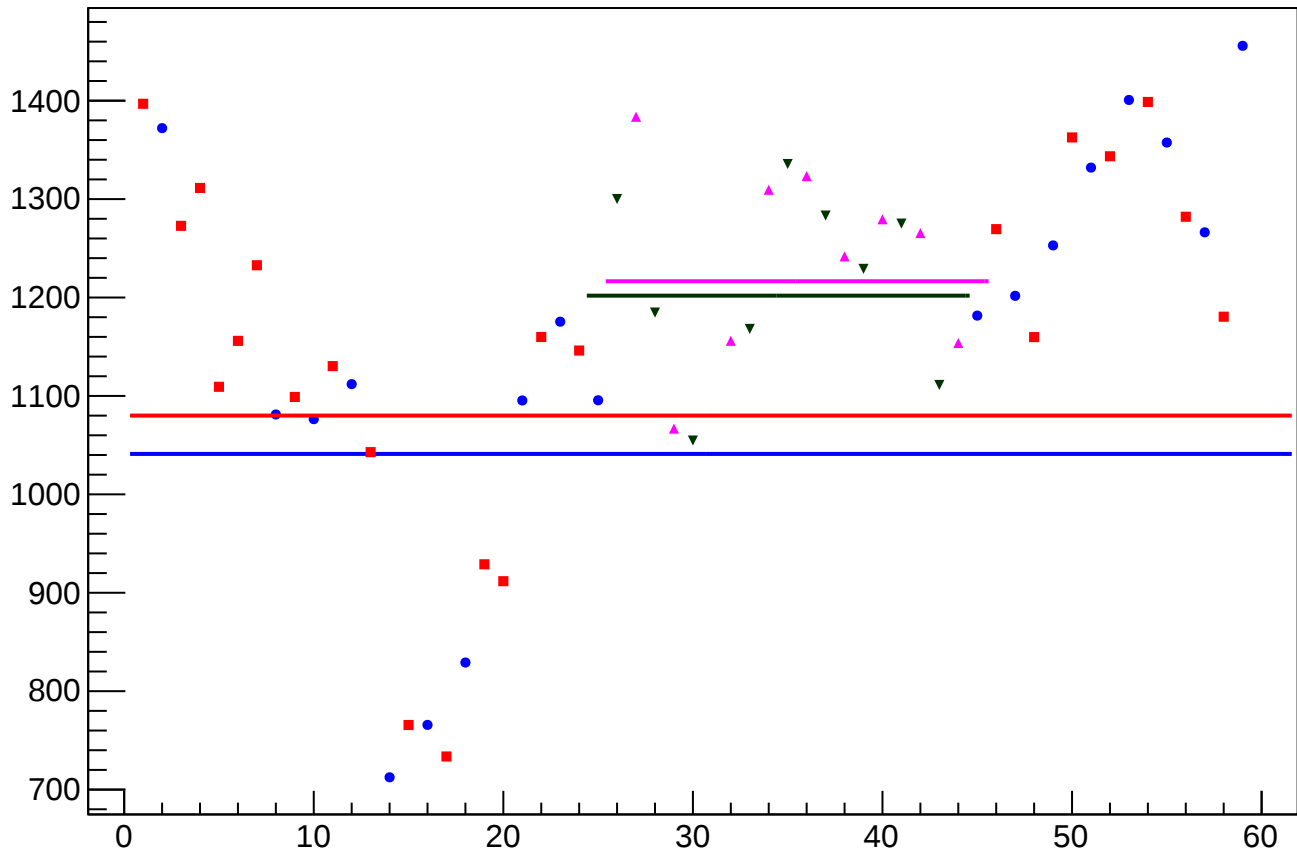
Left Out: -242.182 $\pm$ 547.136 χ^2 /NDF:21.1/8

Right Out: -439.846 $\pm$ 338.164 χ^2 /NDF: 25.4/21

Left In: -671.583 $\pm$ 514.509 χ^2 /NDF:9.5/8

-270.295 $\pm$ 196.490 χ^2 /NDF: 95.3/57

reg_asym_sam4_rms vs slug



Right In: 1041.081 $\pm$ 0.223 χ^2 /NDF: 1192471.3/17

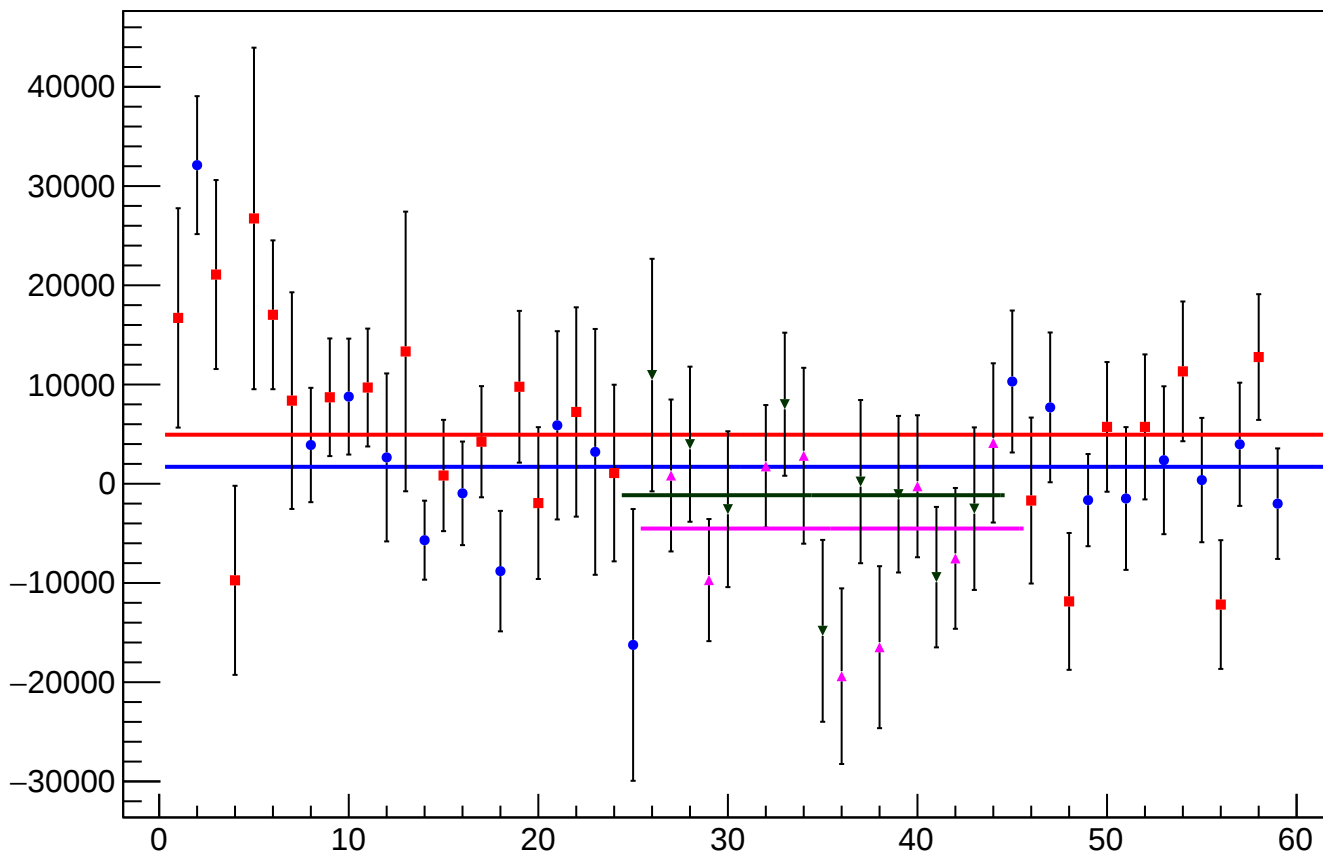
Left Out: 1201.899 $\pm$ 0.387 χ^2 /NDF: 53101.4/8

1100.563 $\pm$ 0.139 χ^2 /NDF: 2368899.0/57

Right Out: 1080.043 $\pm$ 0.239 χ^2 /NDF: 792961.7/21

Left In: 1216.519 $\pm$ 0.364 χ^2 /NDF: 81775.0/8

asym_sam4_correction_mean vs slug



Right In: 1706.149+/-1493.344 χ^2/NDF : 32.8/17

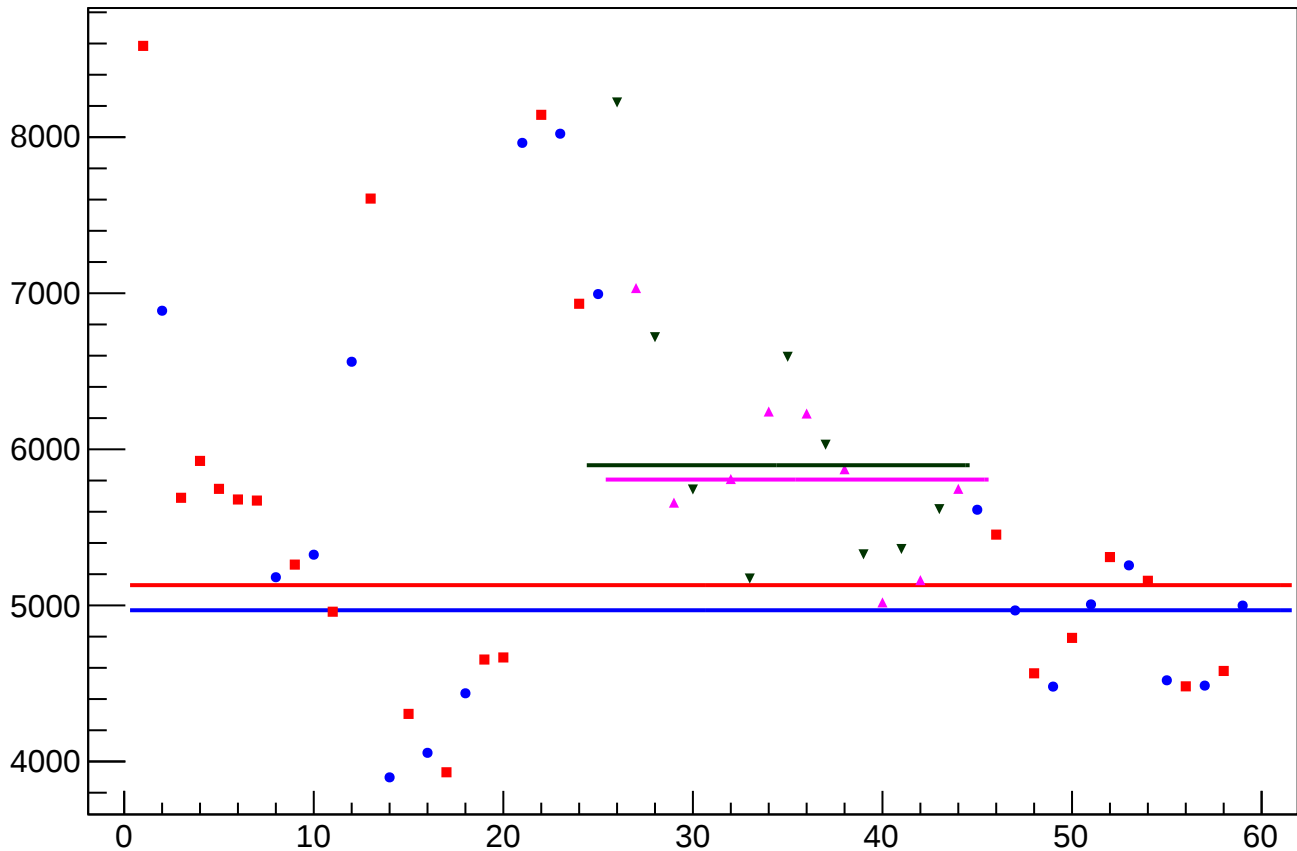
Left Out: -1154.532+/-2704.371 χ^2/NDF : 6.8/8

1561.148+/-937.546 χ^2/NDF : 90.7/57

Right Out: 4941.778+/-1606.667 χ^2/NDF : 30.0/21

Left In: -4514.840+/-2460.865 χ^2/NDF : 9.6/8

asym_sam4_correction_rms vs slug



Right In: 4968.976+/-1.056 χ^2/NDF : 883057.8/17

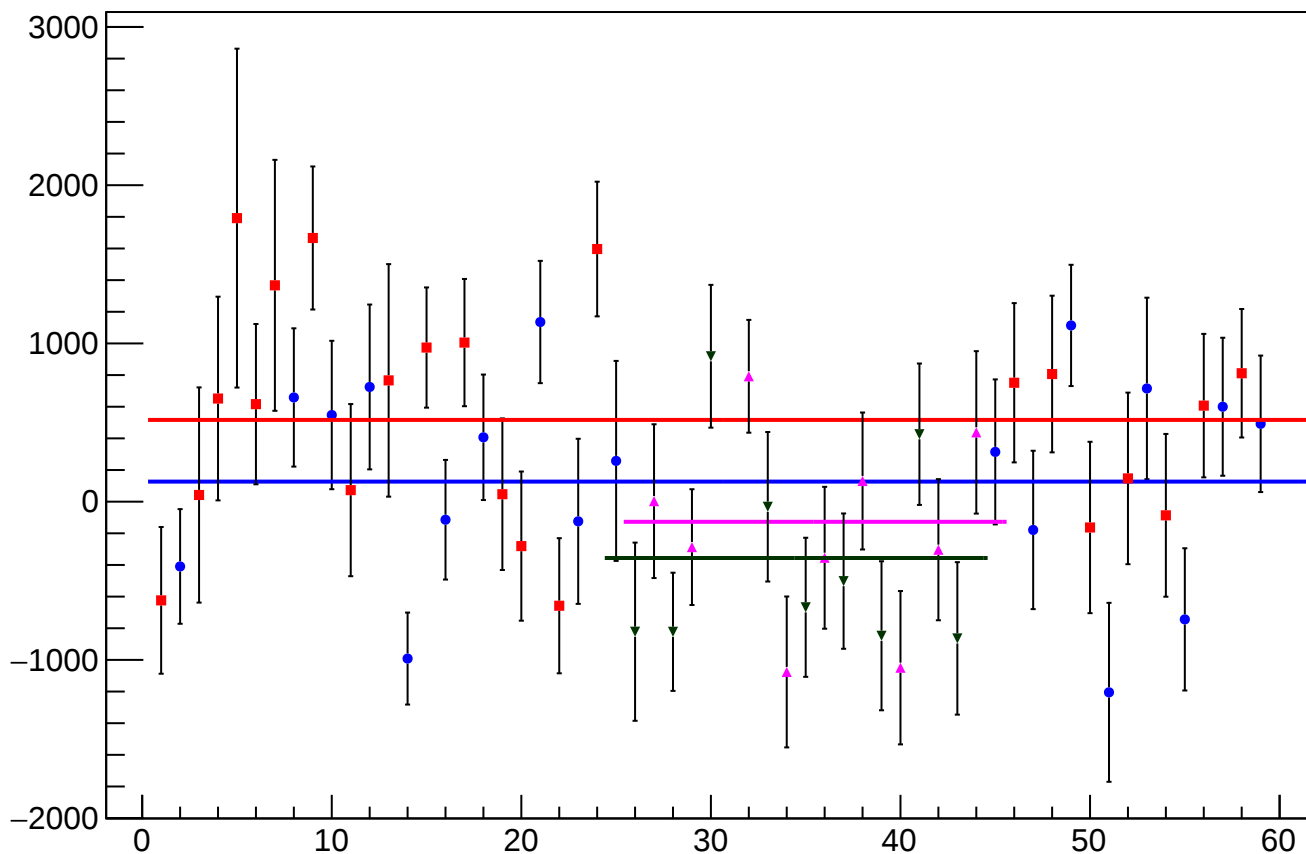
Left Out: 5898.122+/-1.912 χ^2/NDF :158096.1/8

5256.927+/-0.663 χ^2/NDF : 2195199.4/57

Right Out: 5129.773+/-1.136 χ^2/NDF : 752213.2/21

Left In: 5806.244+/-1.740 χ^2/NDF :102859.9/8

reg_asym_sam5_mean vs slug



Right In: 126.832 $\pm$ 101.806 χ^2 /NDF: 48.0/17

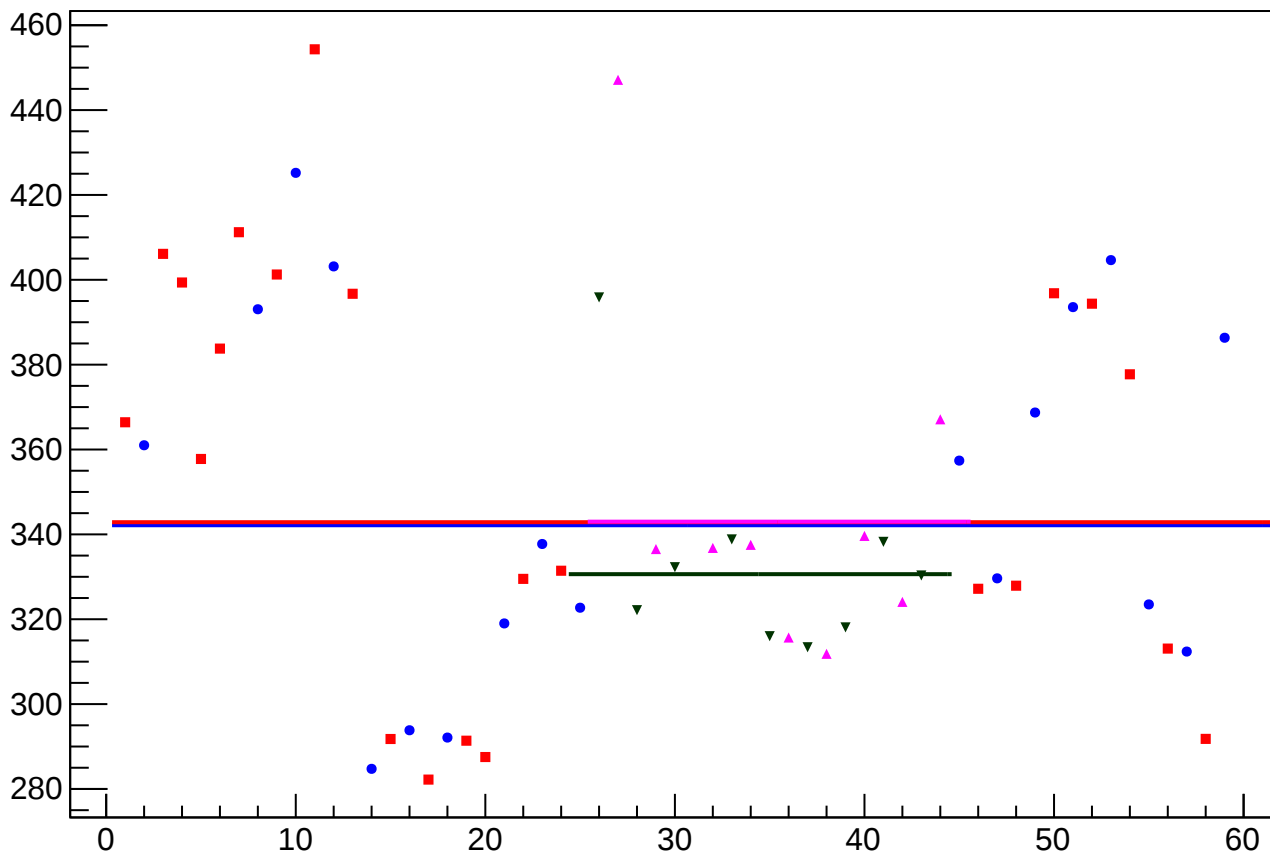
Left Out: -356.000 $\pm$ 150.426 χ^2 /NDF:16.6/8

Right Out: 516.602 $\pm$ 106.451 χ^2 /NDF: 41.7/21

Left In: -127.293 $\pm$ 145.286 χ^2 /NDF:16.5/8

130.520 $\pm$ 60.160 χ^2 /NDF: 149.6/57

reg_asym_sam5_rms vs slug



Right In: 342.153+/-0.072 χ^2/NDF : 361612.2/17

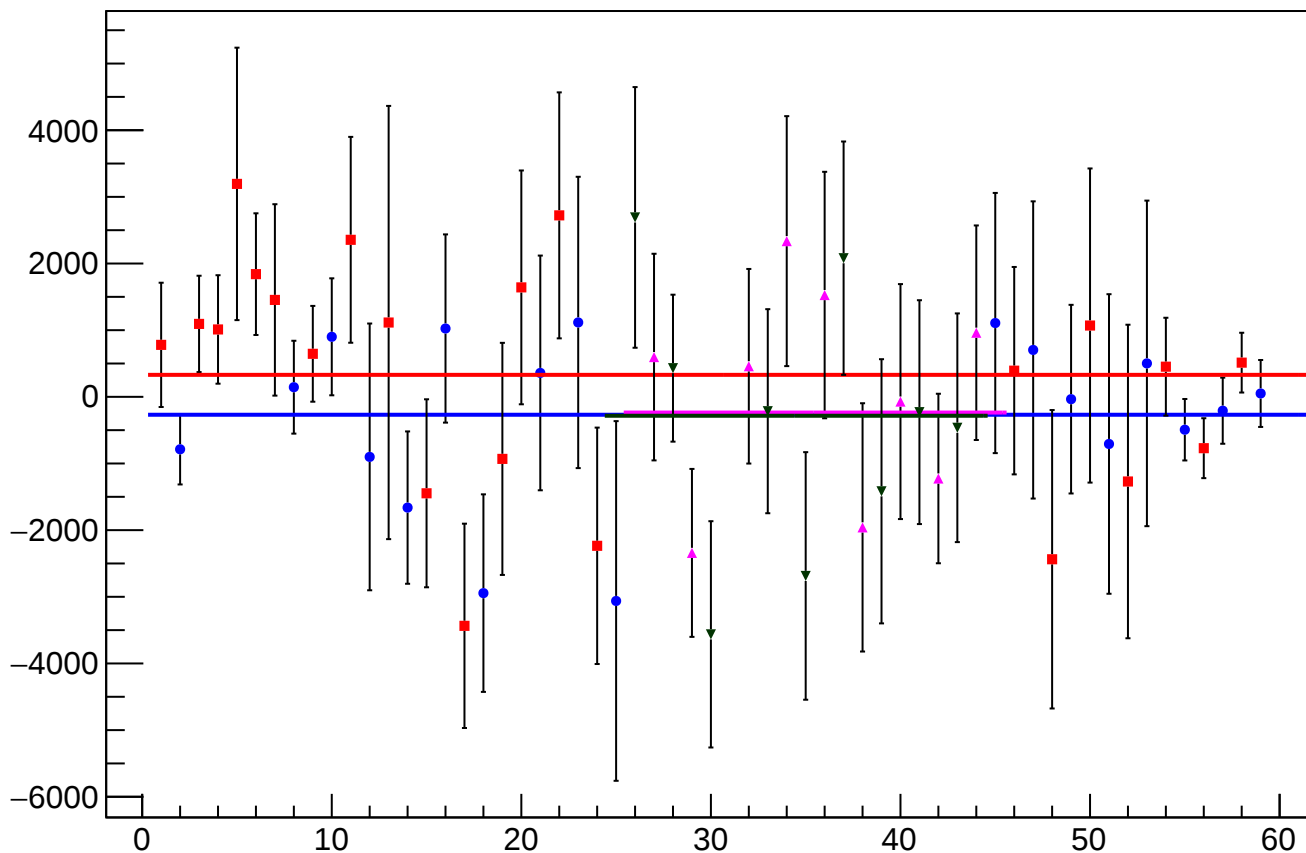
Left Out: 330.623+/-0.106 χ^2/NDF : 35956.4/8

Right Out: 342.871+/-0.075 χ^2/NDF : 421151.7/21

Left In: 342.999+/-0.103 χ^2/NDF : 119222.1/8

340.683+/-0.043 χ^2/NDF : 948657.8/57

asym_sam5_correction_mean vs slug



Right In: -268.819+/-205.614 χ^2/NDF : 11.9/17

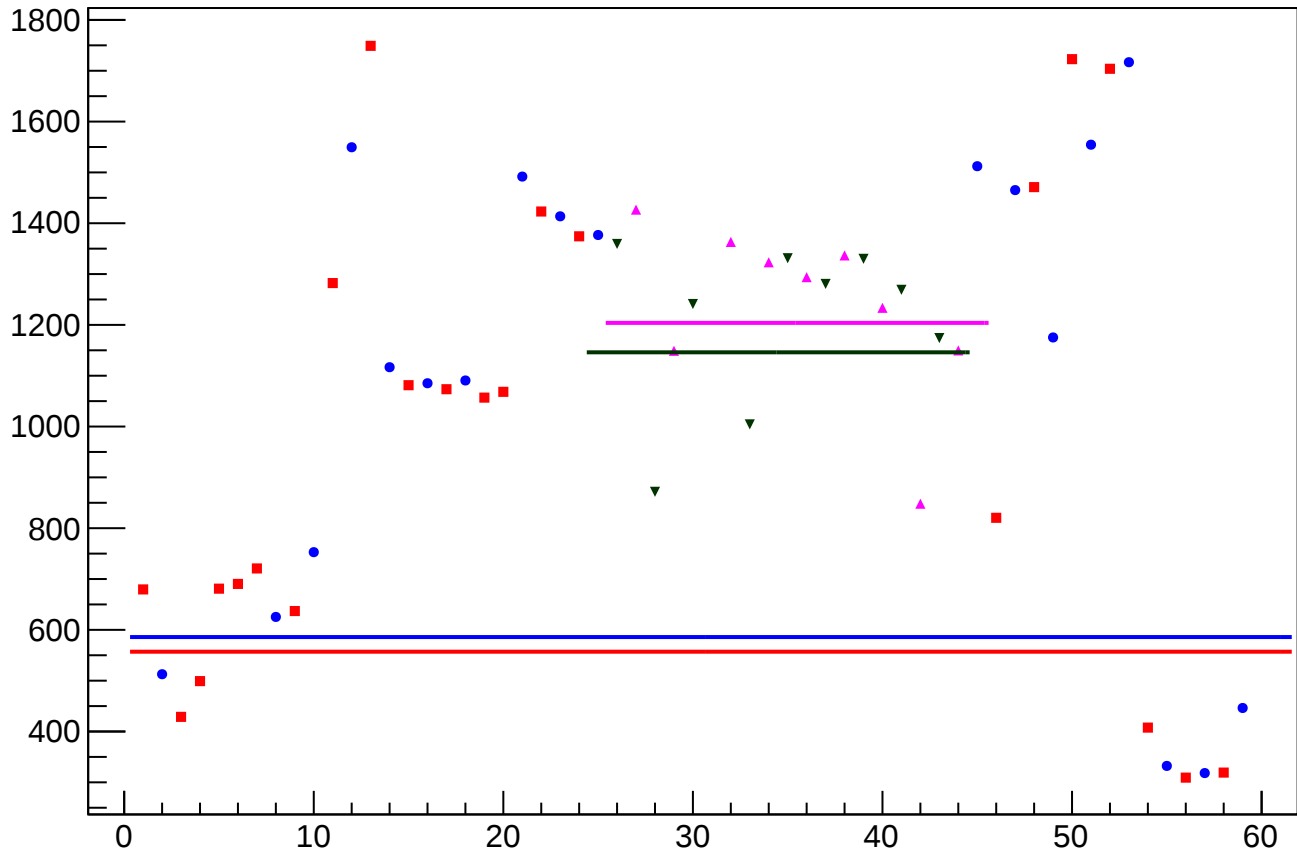
Left Out: -283.767+/-540.454 χ^2/NDF : 10.3/8

Right Out: 329.827+/-204.549 χ^2/NDF : 30.1/21

Left In: -235.887+/-519.362 χ^2/NDF : 8.1/8

-5.880+/-135.228 χ^2/NDF : 65.2/57

asym_sam5_correction_rms vs slug



Right In: 585.833+/-0.145 χ^2/NDF : 5734381.6/17

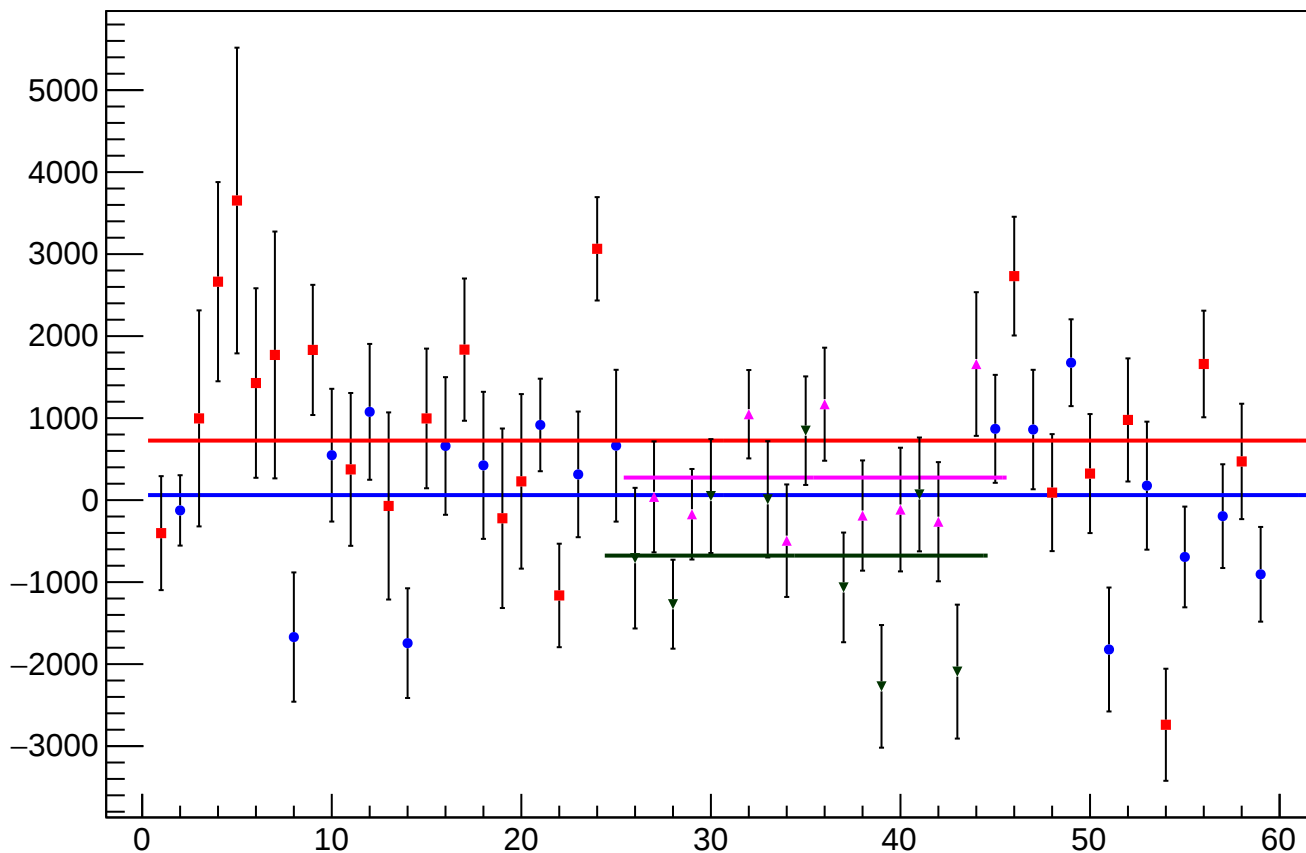
Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

650.211+/-0.096 χ^2/NDF : 16017036.1/57

Right Out: 557.007+/-0.145 χ^2/NDF : 5231824.4/21

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

reg_asym_sam6_mean vs slug



Right In: 61.228+/-157.659 χ^2/NDF : 40.4/17

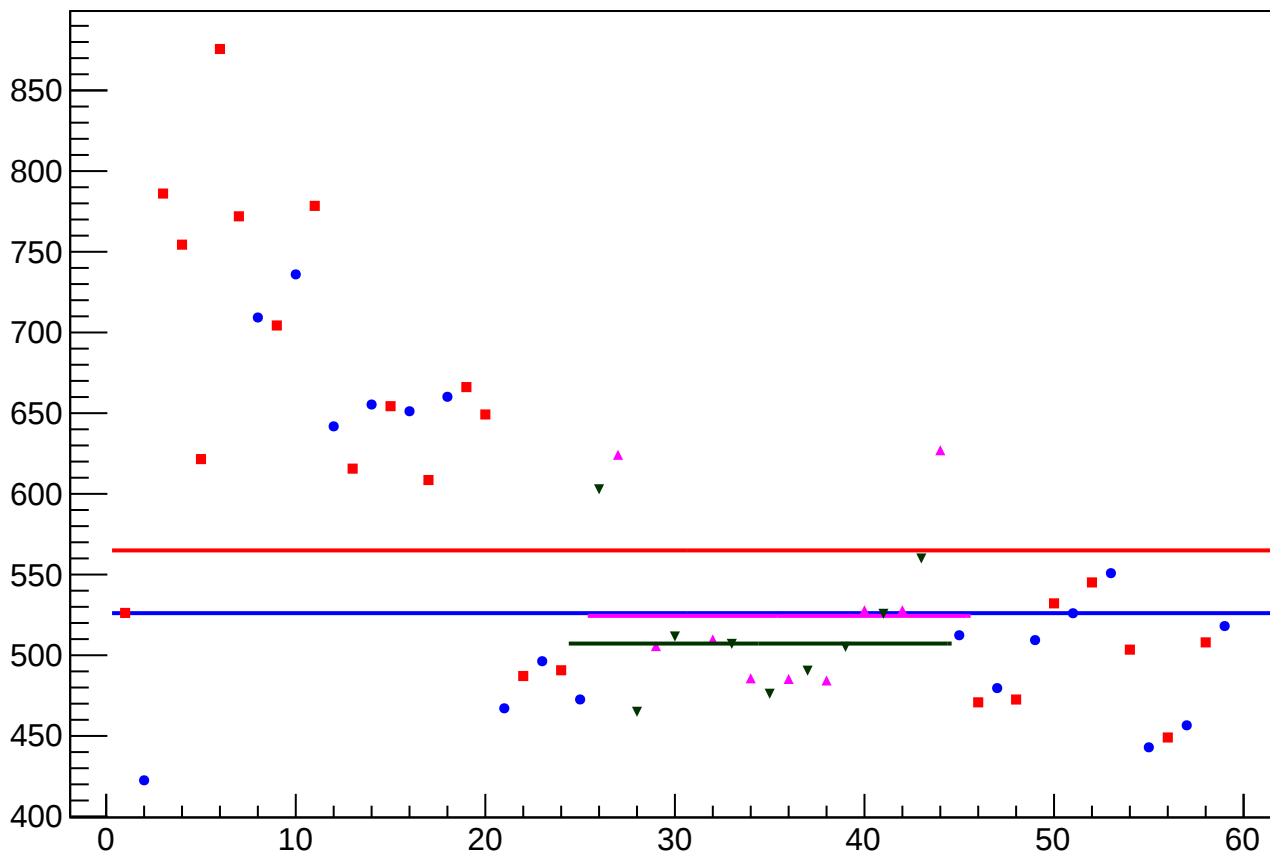
Left Out: -676.628+/-231.223 χ^2/NDF : 17.6/8

Right Out: 725.933+/-177.235 χ^2/NDF : 73.3/21

Left In: 274.897+/-221.916 χ^2/NDF : 9.6/8

166.547+/-94.883 χ^2/NDF : 164.8/57

reg_asym_sam6_rms vs slug



Right In: 526.088+/-0.111 χ^2/NDF : 667573.7/17

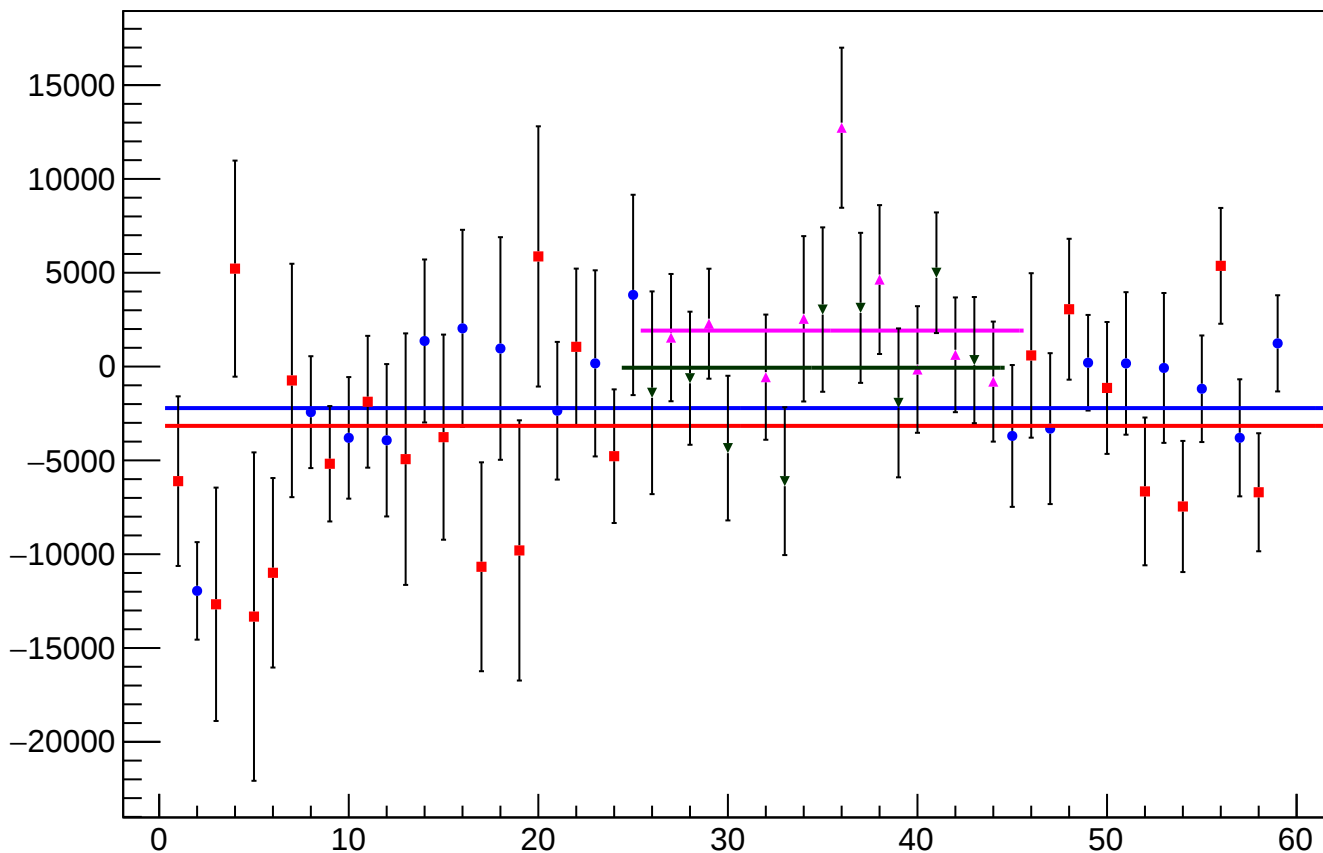
Left Out: 507.245+/-0.163 χ^2/NDF : 52506.9/8

Right Out: 564.956+/-0.125 χ^2/NDF : 746638.9/21

Left In: 524.401+/-0.157 χ^2/NDF : 94710.0/8

533.746+/-0.067 χ^2/NDF : 1657983.7/57

asym_sam6_correction_mean vs slug



Right In: -2213.445+/-821.686 χ^2/NDF : 21.6/17

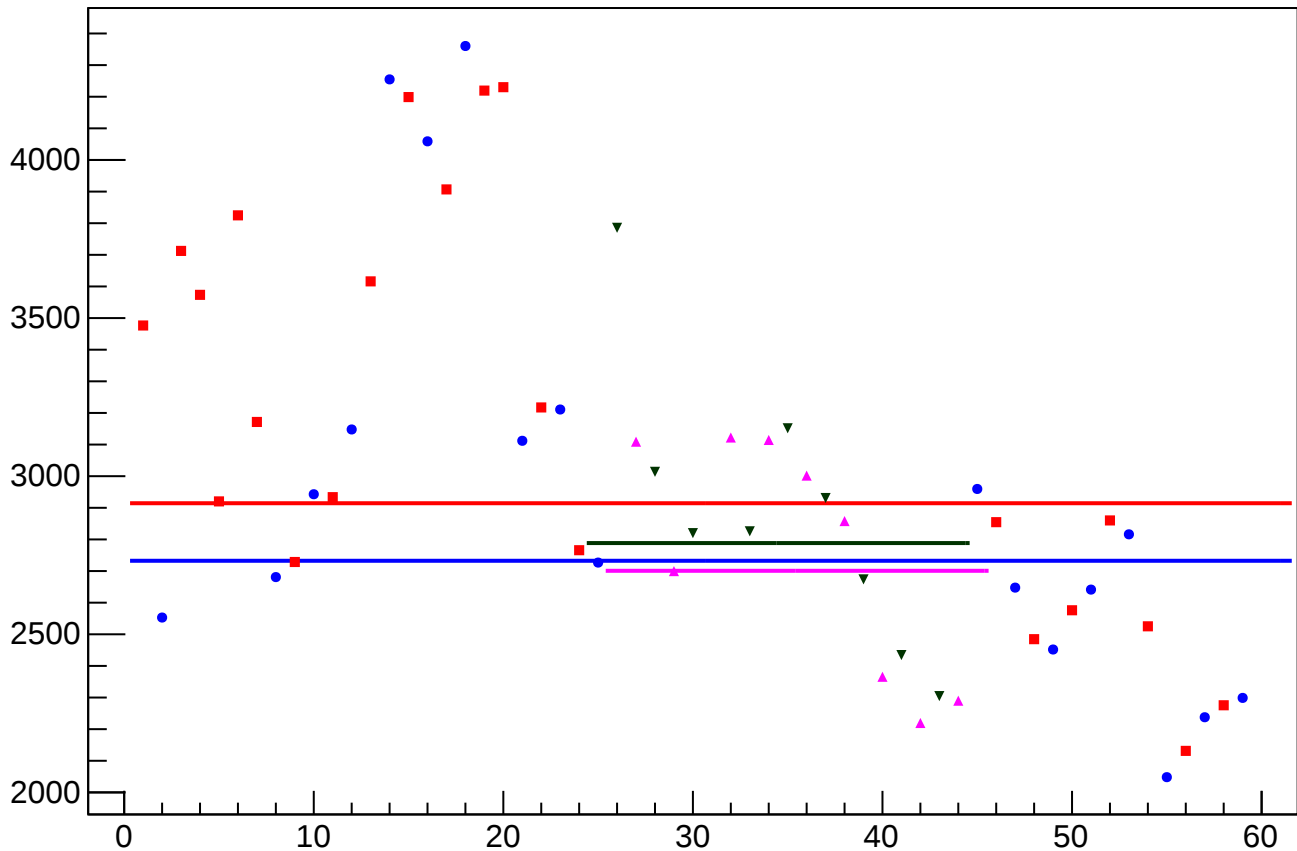
Left Out: -62.354+/-1281.480 χ^2/NDF : 7.5/8

-1395.901+/-497.639 χ^2/NDF : 82.1/57

Right Out: -3161.319+/-915.820 χ^2/NDF : 30.1/21

Left In: 1917.139+/-1150.328 χ^2/NDF : 8.8/8

asym_sam6_correction_rms vs slug



Right In: 2732.496+/-0.581 χ^2/NDF : 861515.7/17

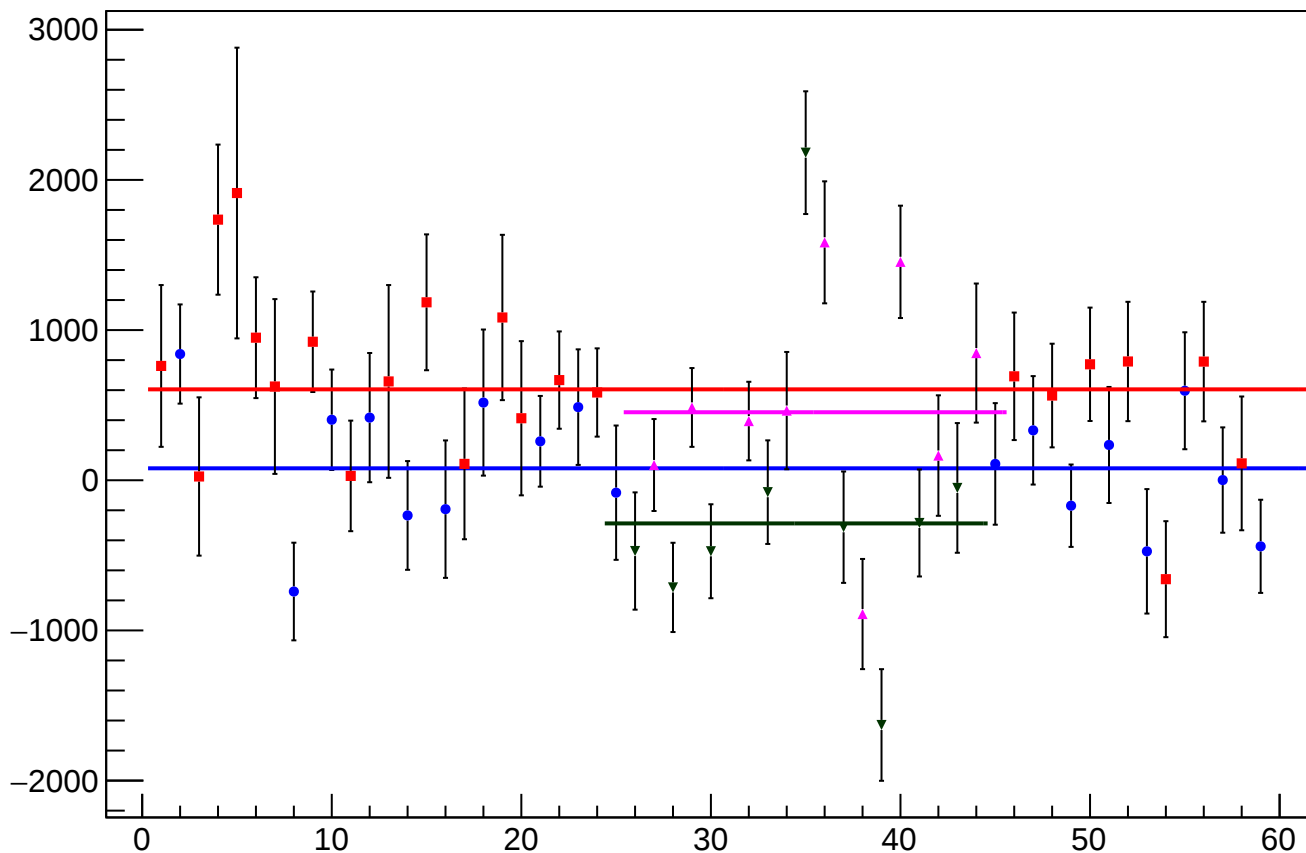
Left Out: 2788.520+/-0.906 χ^2/NDF : 160197.2/8

2788.745+/-0.352 χ^2/NDF : 2074643.4/57

Right Out: 2914.479+/-0.648 χ^2/NDF : 800237.4/21

Left In: 2700.808+/-0.813 χ^2/NDF : 193934.1/8

reg_asym_sam7_mean vs slug



Right In: 79.514+/-85.428 χ^2/NDF : 24.6/17

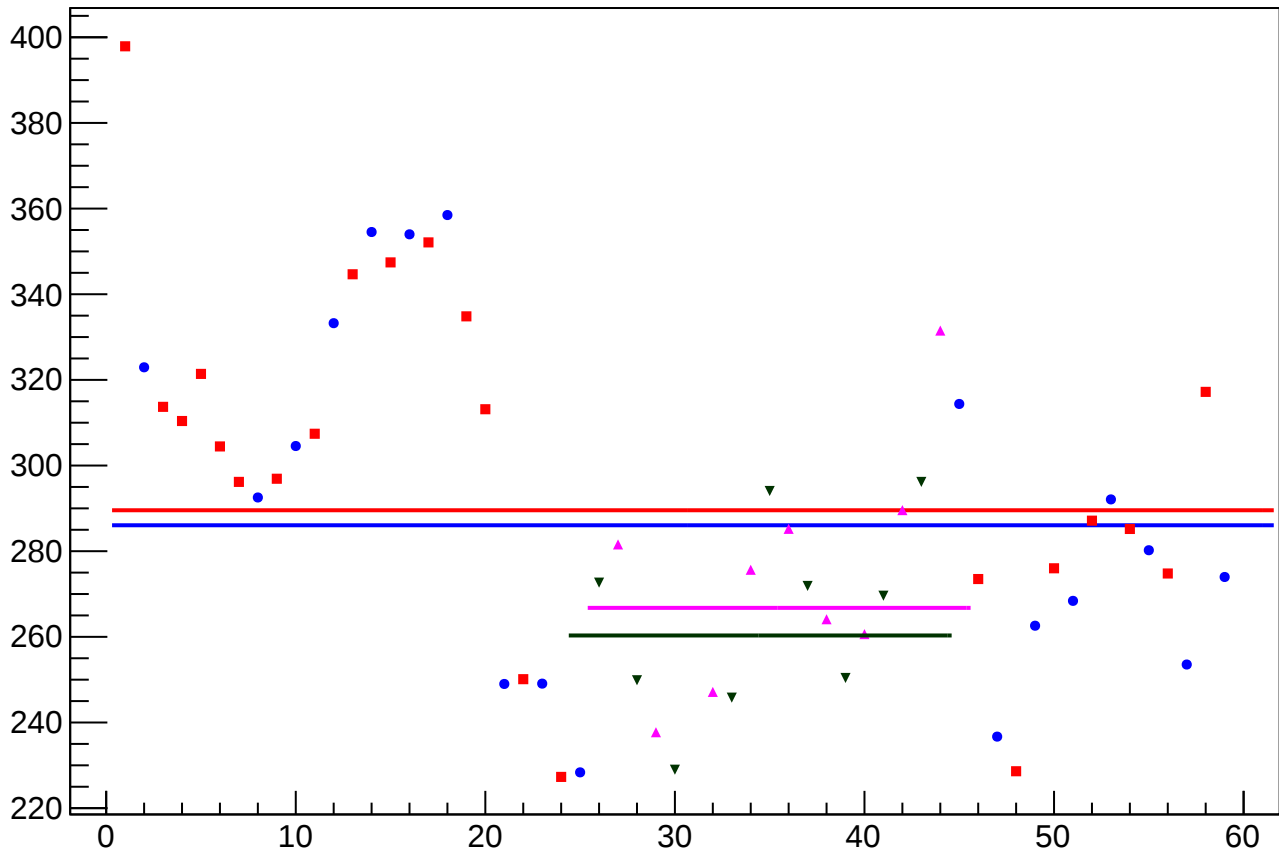
Left Out: -287.418+/-119.318 χ^2/NDF : 52.8/8

Right Out: 605.312+/-90.390 χ^2/NDF : 28.5/21

Left In: 452.872+/-113.322 χ^2/NDF : 31.0/8

245.524+/-49.536 χ^2/NDF : 179.8/57

reg_asym_sam7_rms vs slug



Right In: 286.054 ± 0.060 χ^2/NDF : 384781.8/17

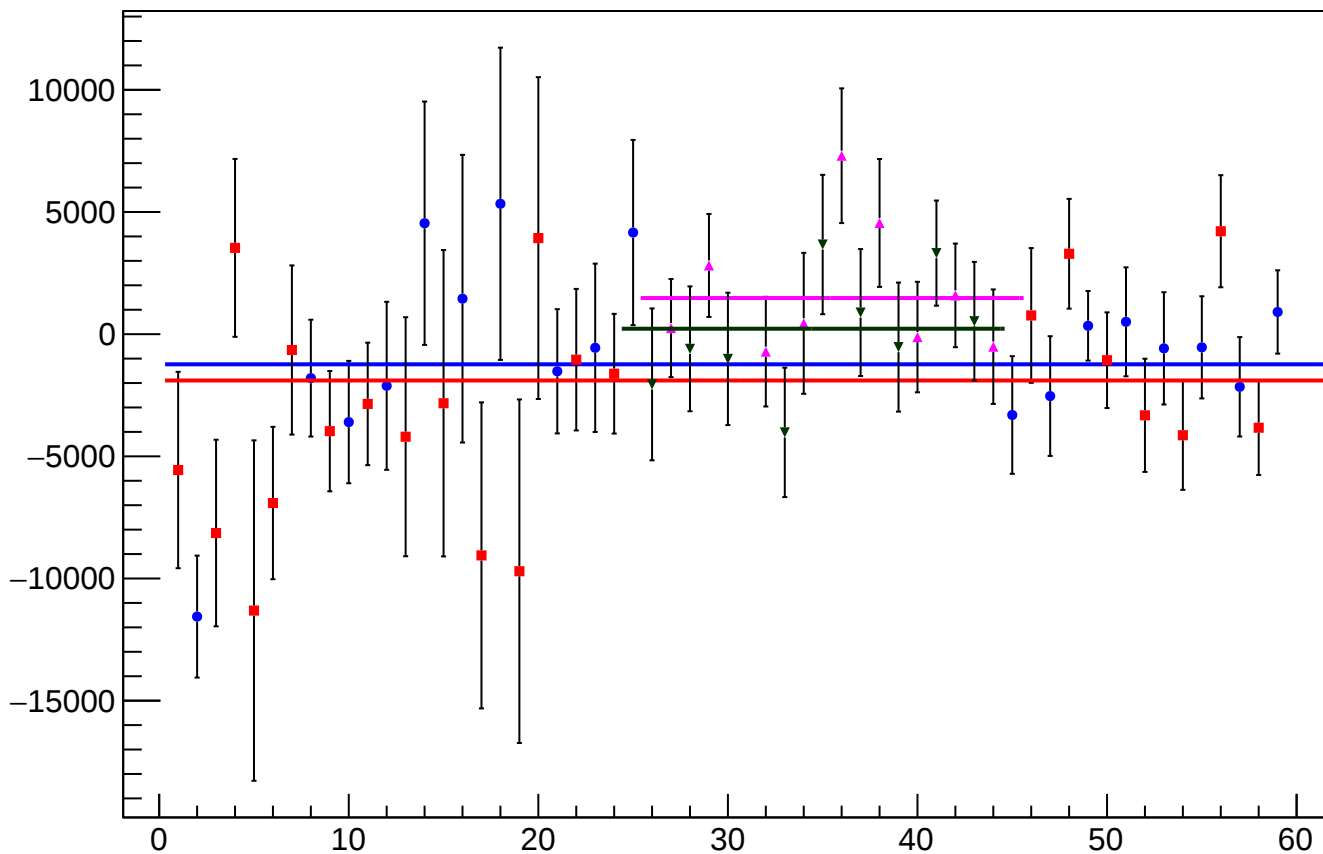
Left Out: 260.321 ± 0.084 χ^2/NDF : 60237.4/8

Right Out: 289.558 ± 0.064 χ^2/NDF : 393659.4/21

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

278.986 ± 0.035 χ^2/NDF : 1043726.9/57

asym_sam7_correction_mean vs slug



Right In: -1233.276 ± 575.539 χ^2/NDF : 27.6/17

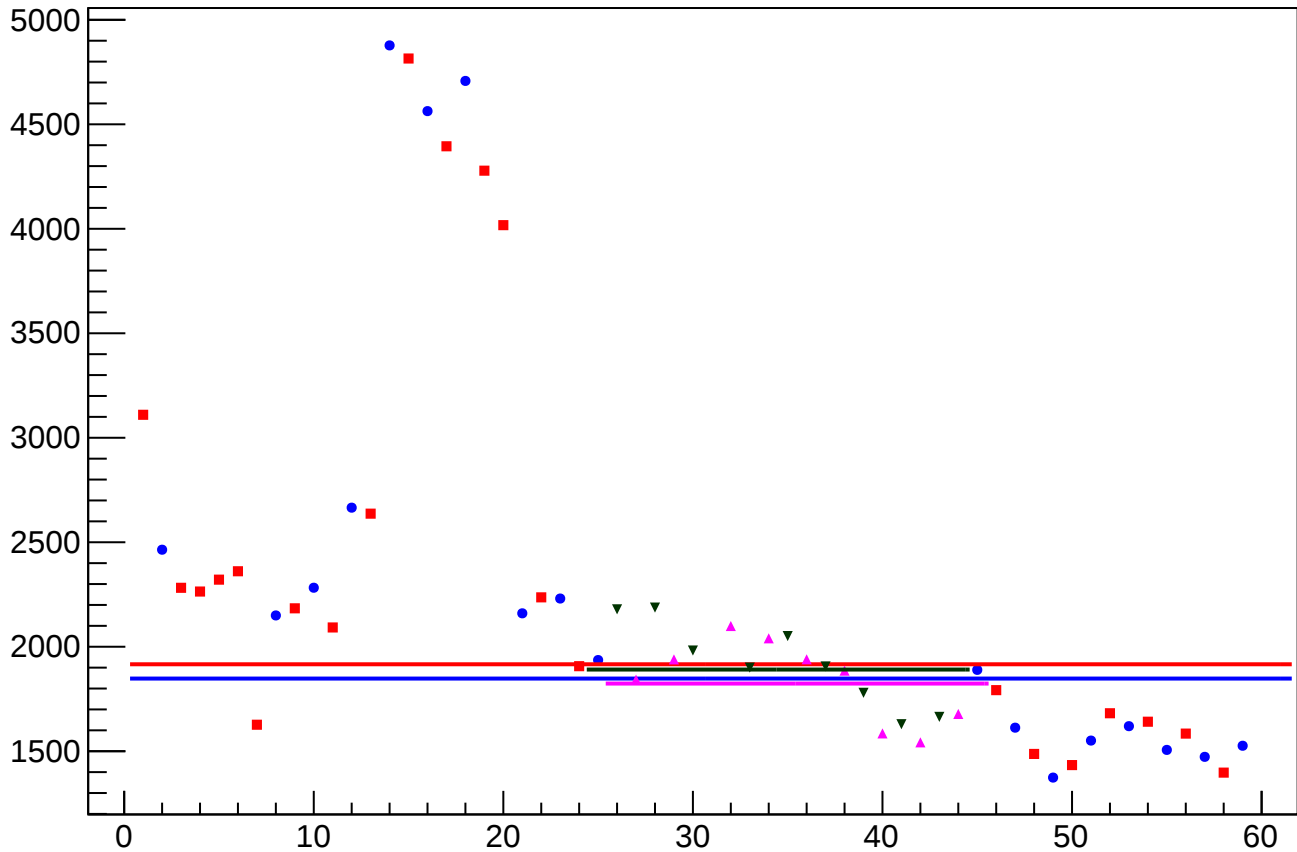
Left Out: 223.347 ± 865.231 χ^2/NDF : 7.1/8

-681.285 ± 340.651 χ^2/NDF : 88.0/57

Right Out: -1895.525 ± 621.004 χ^2/NDF : 30.7/21

Left In: 1478.705 ± 773.885 χ^2/NDF : 8.9/8

asym_sam7_correction_rms vs slug



Right In: 1847.698+/-0.407 χ^2/NDF : 2437532.3/17

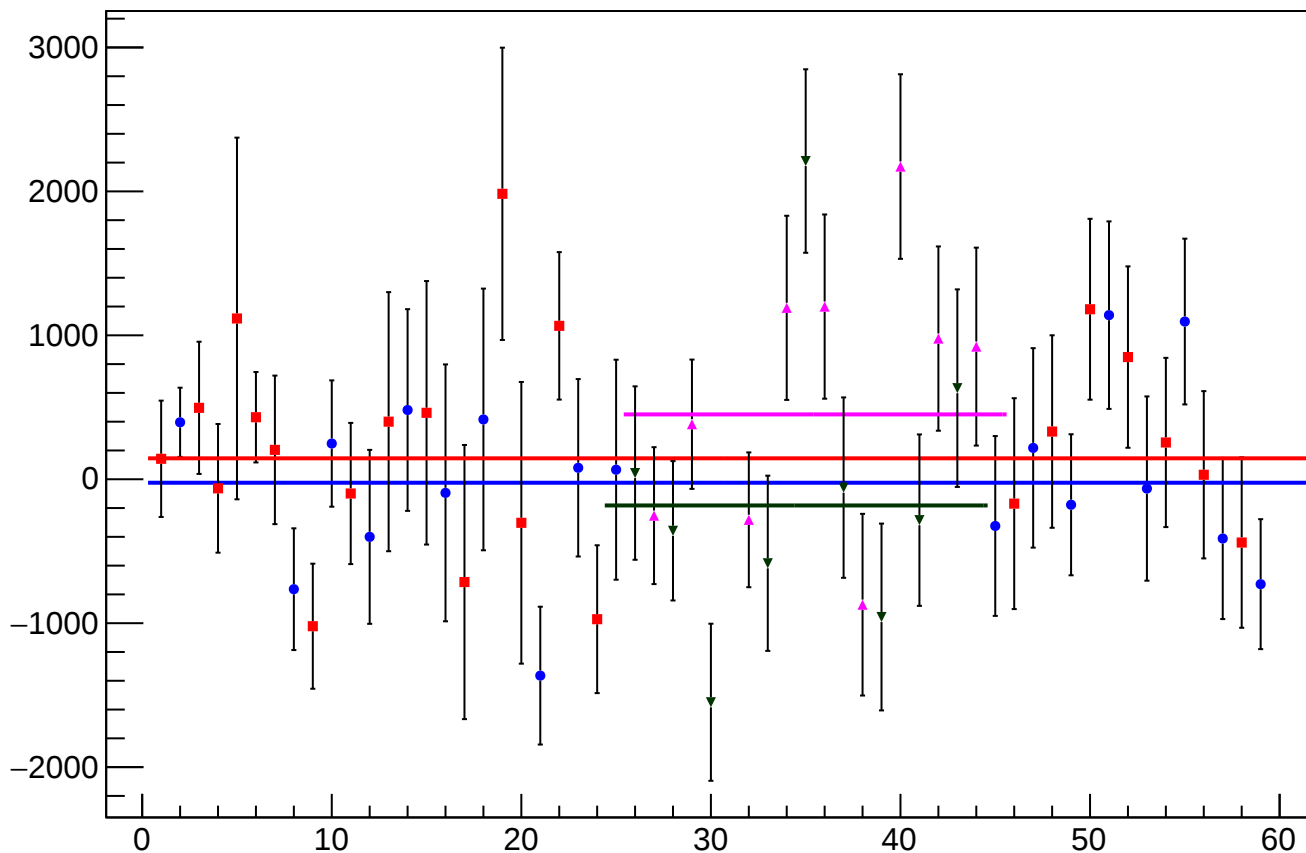
Left Out: 1890.834+/-0.612 χ^2/NDF : 103303.6/8

1870.335+/-0.241 χ^2/NDF : 4661197.1/57

Right Out: 1916.083+/-0.439 χ^2/NDF : 1980674.2/21

Left In: 1823.820+/-0.547 χ^2/NDF : 117391.1/8

reg_asym_sam8_mean vs slug



Right In: -24.162 ± 120.593 $\chi^2/\text{NDF}: 25.9/17$

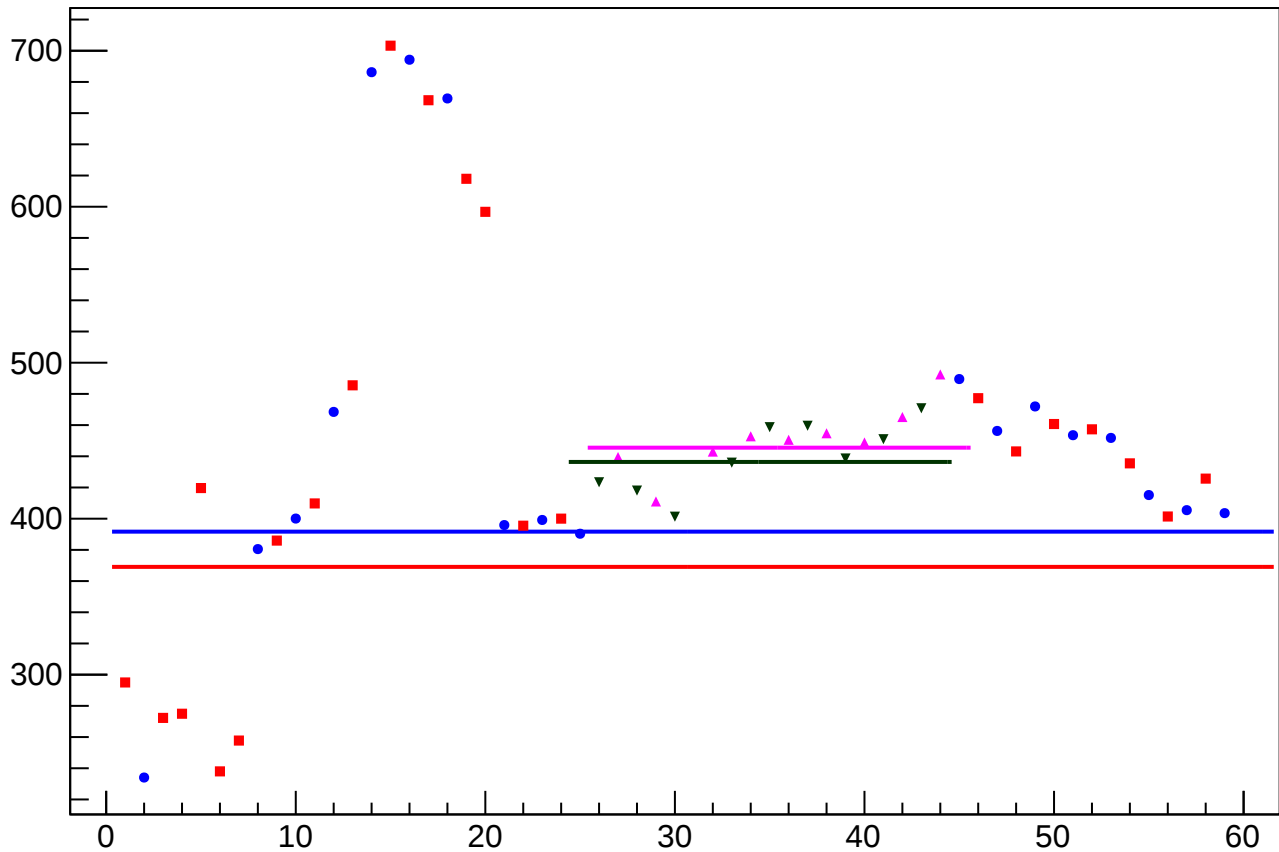
Left Out: -181.996 ± 198.404 $\chi^2/\text{NDF}: 24.0/8$

Right Out: 145.423 ± 118.809 $\chi^2/\text{NDF}: 27.4/21$

Left In: 450.653 ± 187.903 $\chi^2/\text{NDF}: 20.1/8$

86.799 ± 71.919 $\chi^2/\text{NDF}: 104.1/57$

reg_asym_sam8_rms vs slug



Right In: 391.692 $\pm$ 0.085 χ^2 /NDF: 1826781.5/17

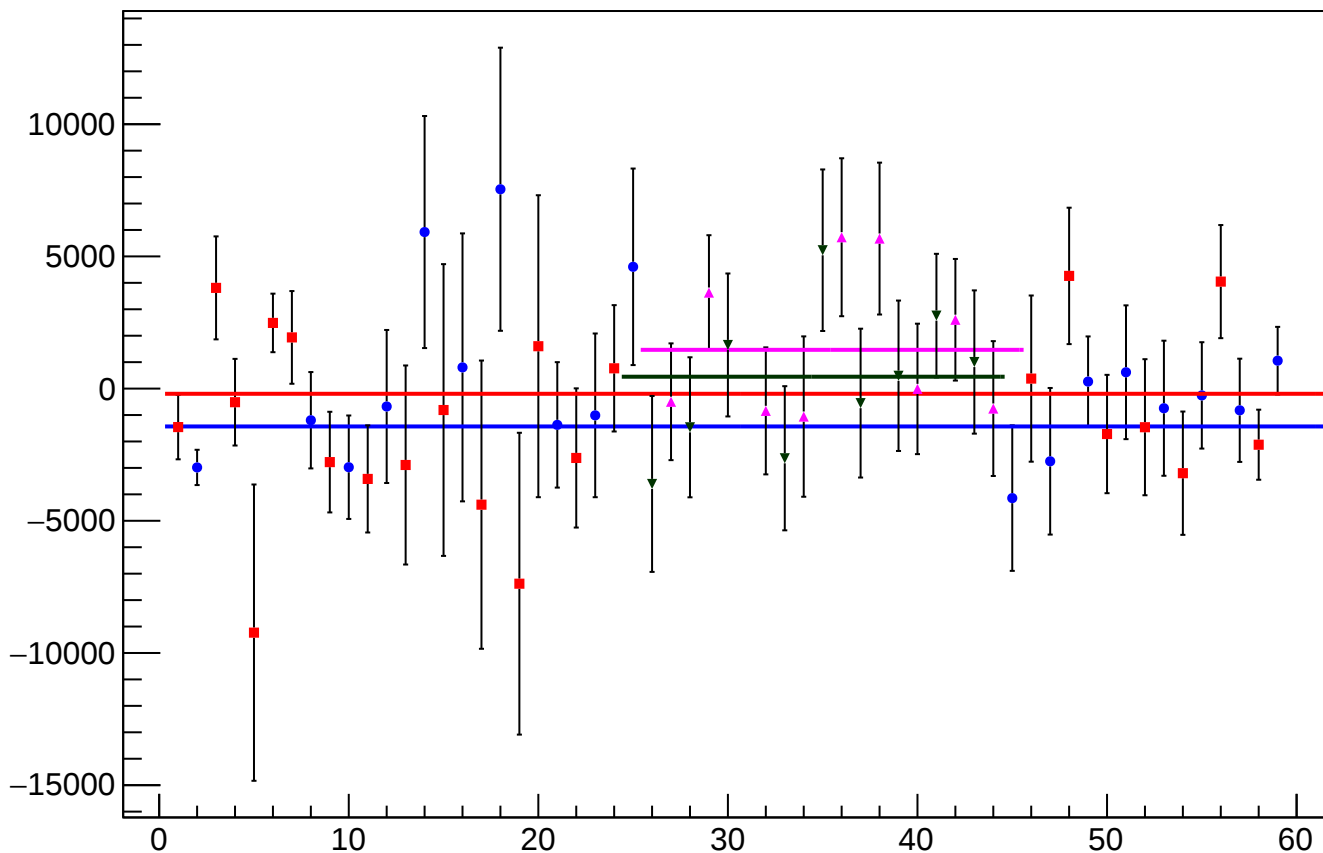
Left Out: 436.383 $\pm$ 0.140 χ^2 /NDF: 23517.4/8

397.175 $\pm$ 0.051 χ^2 /NDF: 3844920.0/57

Right Out: 369.105 $\pm$ 0.084 χ^2 /NDF: 1644066.4/21

Left In: 445.528 $\pm$ 0.133 χ^2 /NDF: 24241.7/8

asym_sam8_correction_mean vs slug



Right In: -1431.801 $\pm$ 428.621 χ^2 /NDF: 21.7/17

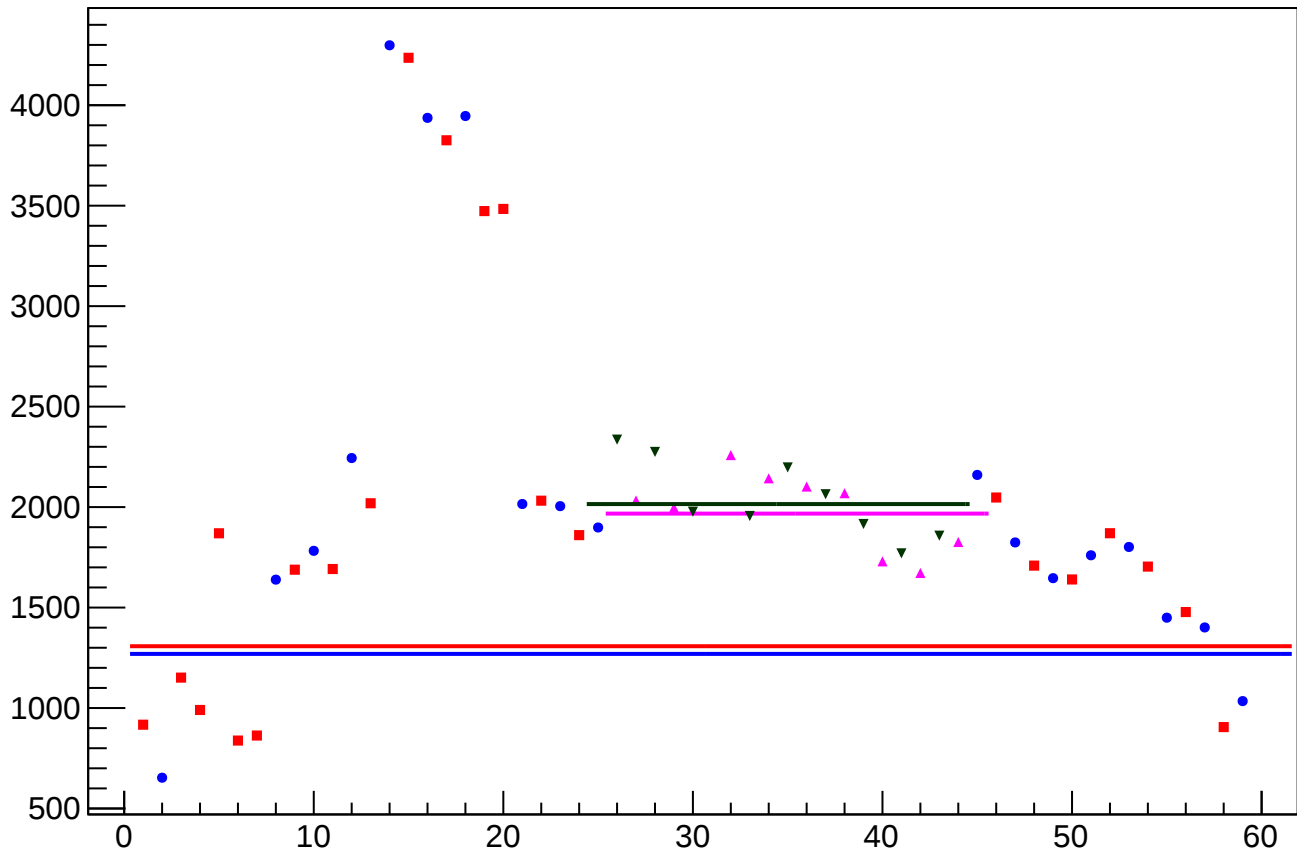
Left Out: 449.371 $\pm$ 920.334 χ^2 /NDF: 7.1/8

Right Out: -196.497 $\pm$ 443.106 χ^2 /NDF: 34.9/21

Left In: 1466.179 $\pm$ 833.373 χ^2 /NDF: 8.9/8

-467.645 $\pm$ 275.692 χ^2 /NDF: 84.4/57

asym_sam8_correction_rms vs slug



Right In: 1269.386+/-0.303 χ^2/NDF : 5167845.8/17

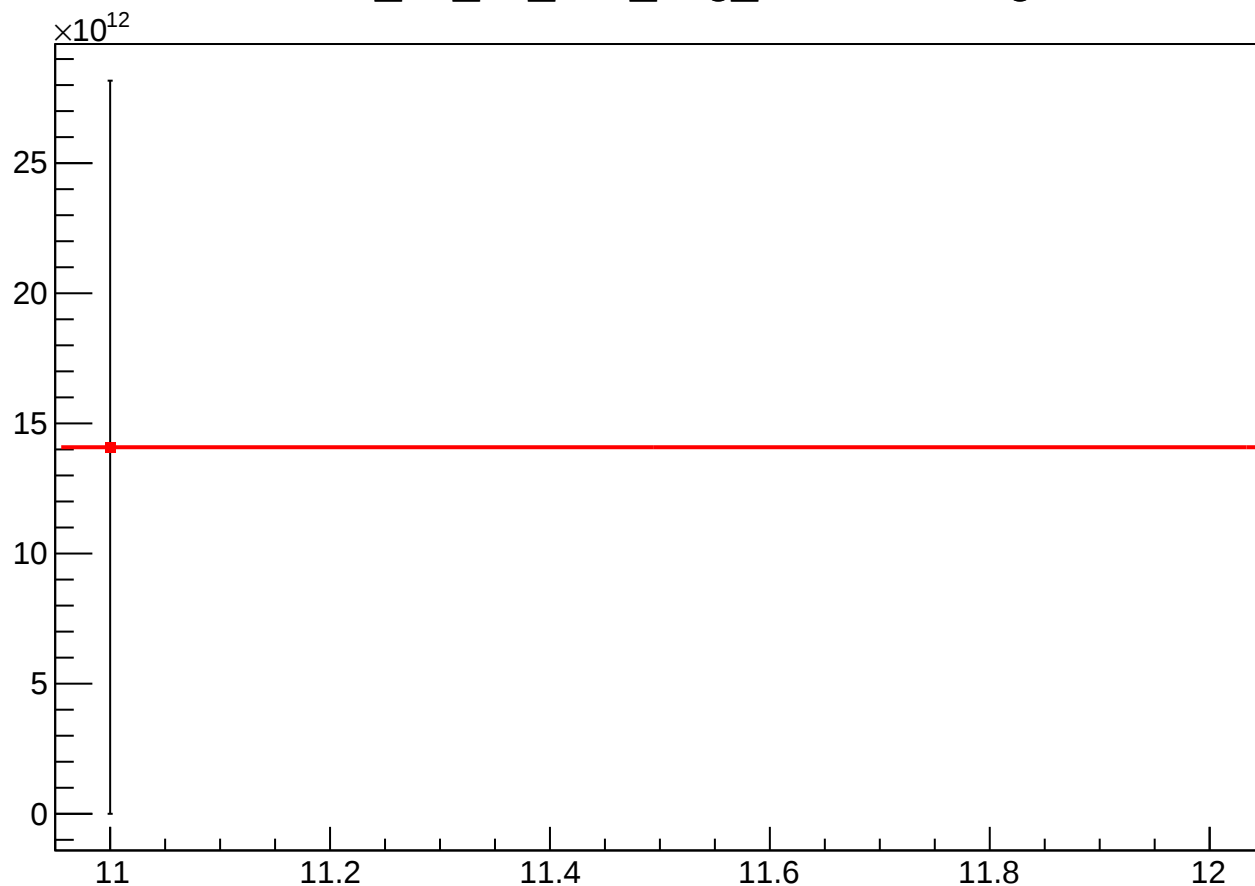
Left Out: 2015.018+/-0.651 χ^2/NDF : 78061.6/8

1427.504+/-0.195 χ^2/NDF : 10827143.4/57

Right Out: 1307.617+/-0.313 χ^2/NDF : 3405198.3/21

Left In: 1967.585+/-0.589 χ^2/NDF : 102442.6/8

bcm_an_us_ds3_avg_mean vs slug



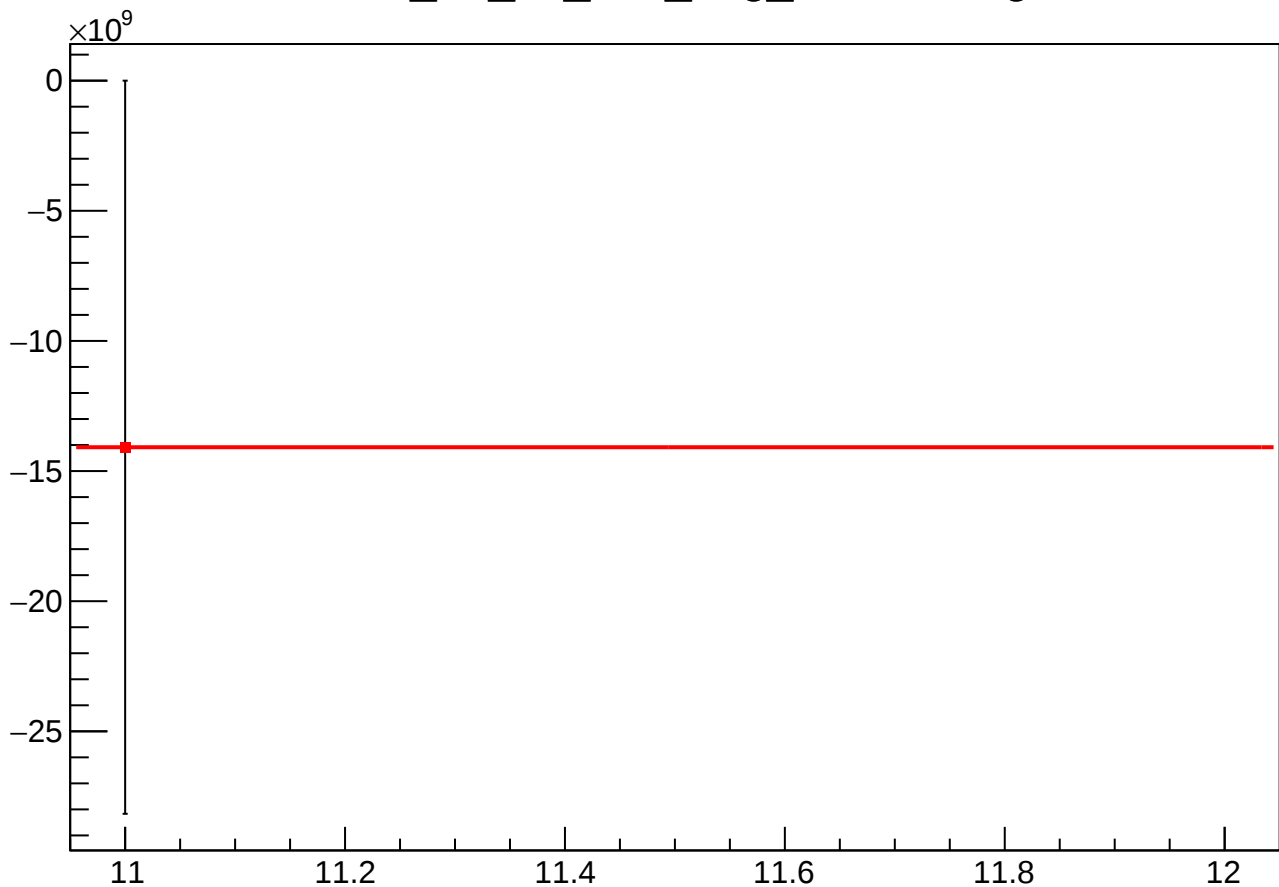
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_an_us_ds3_avg_rms vs slug



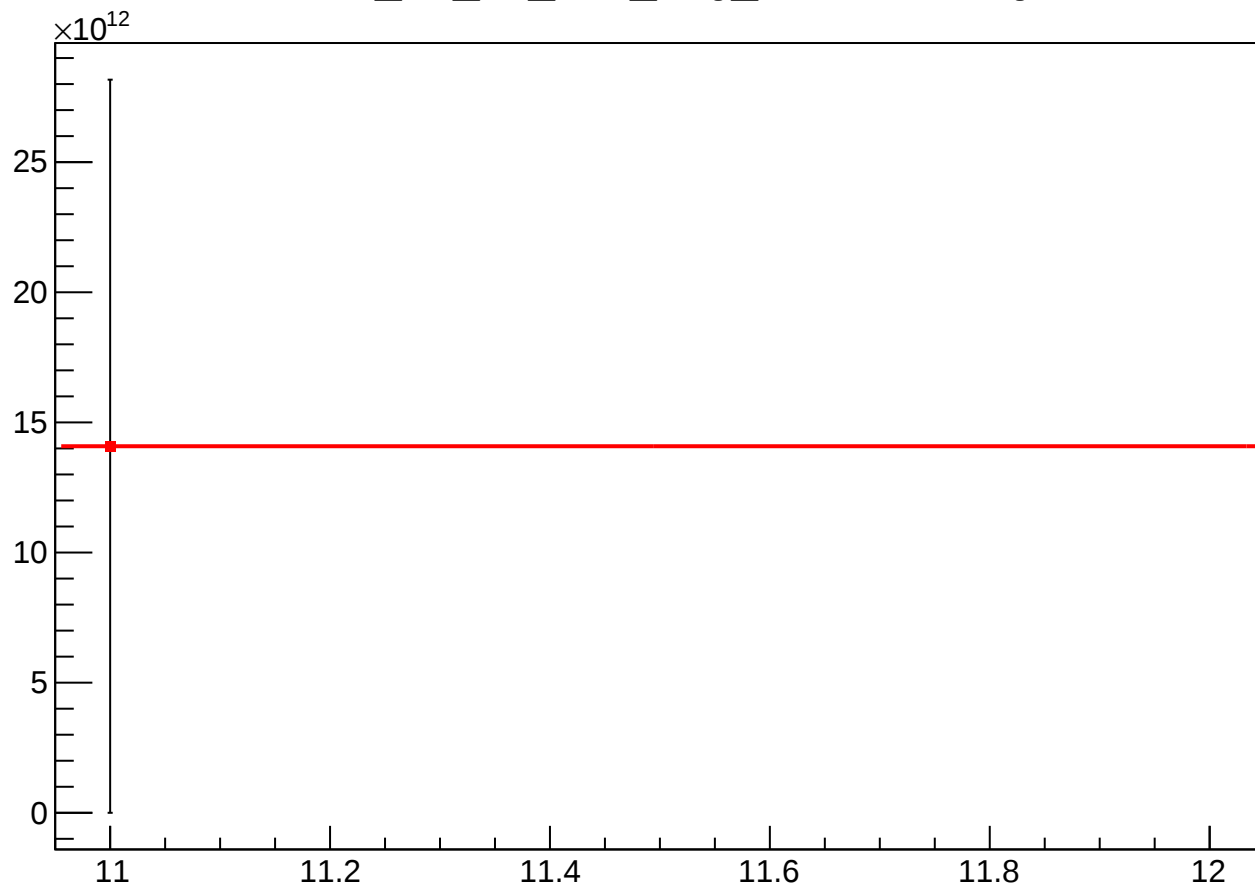
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_an_ds_ds3_avg_mean vs slug



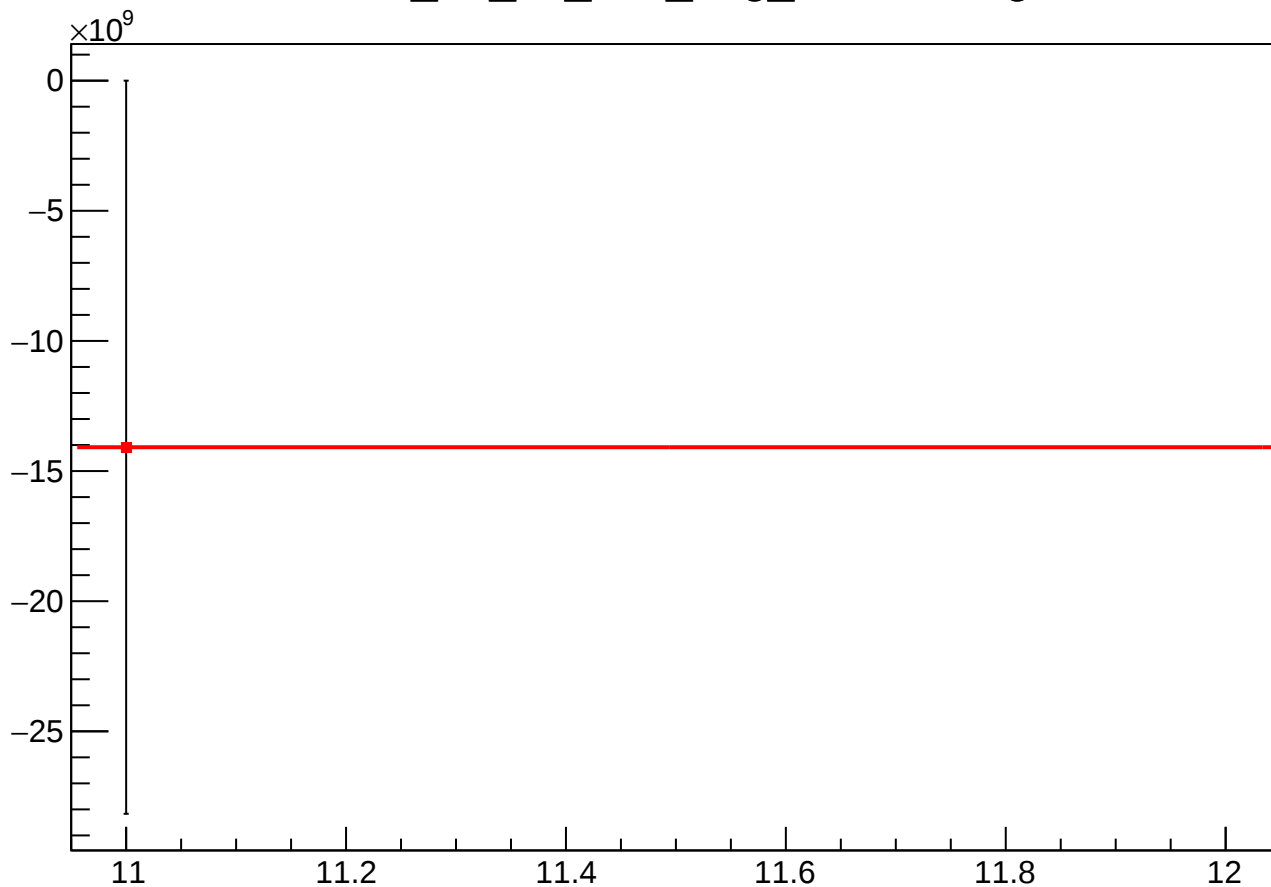
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_an_ds_ds3_avg_rms vs slug



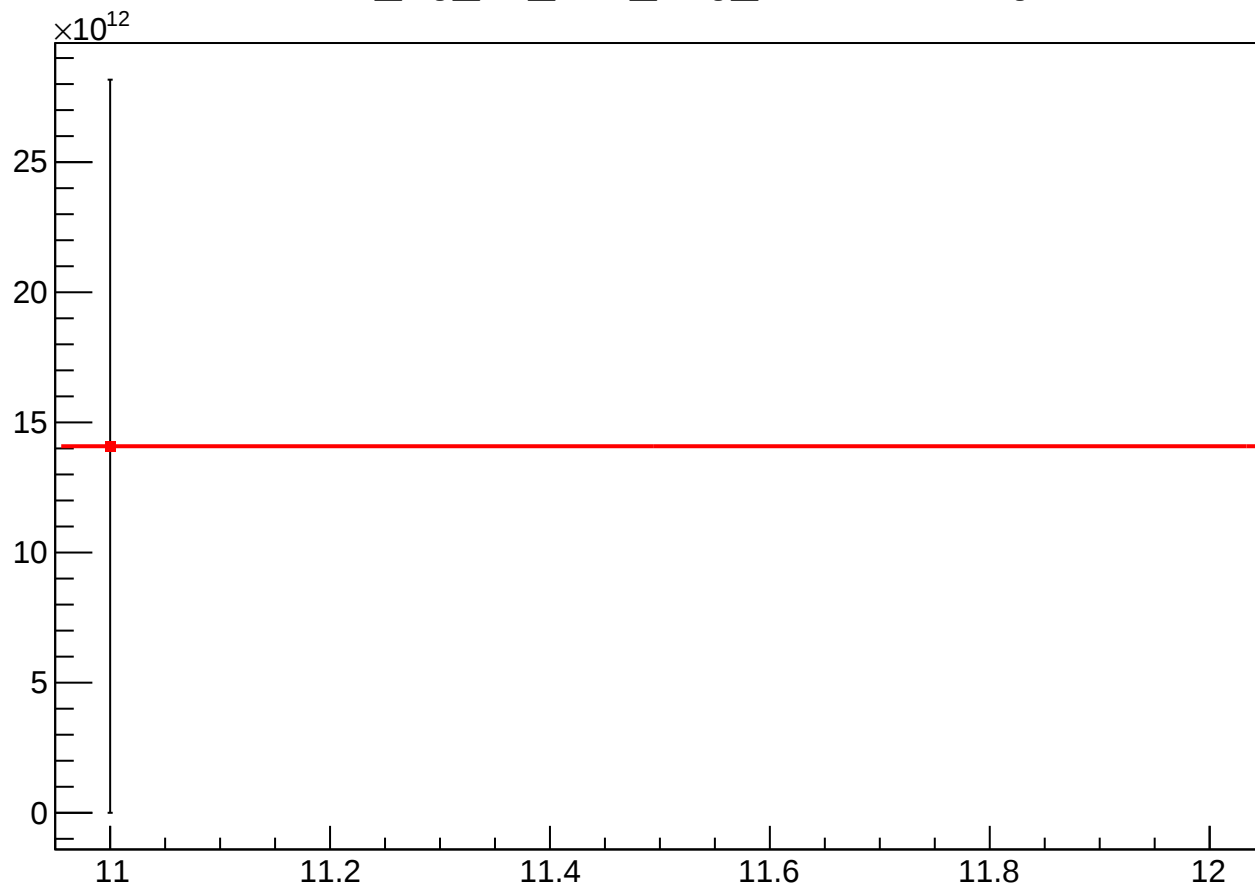
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds3_avg_mean vs slug



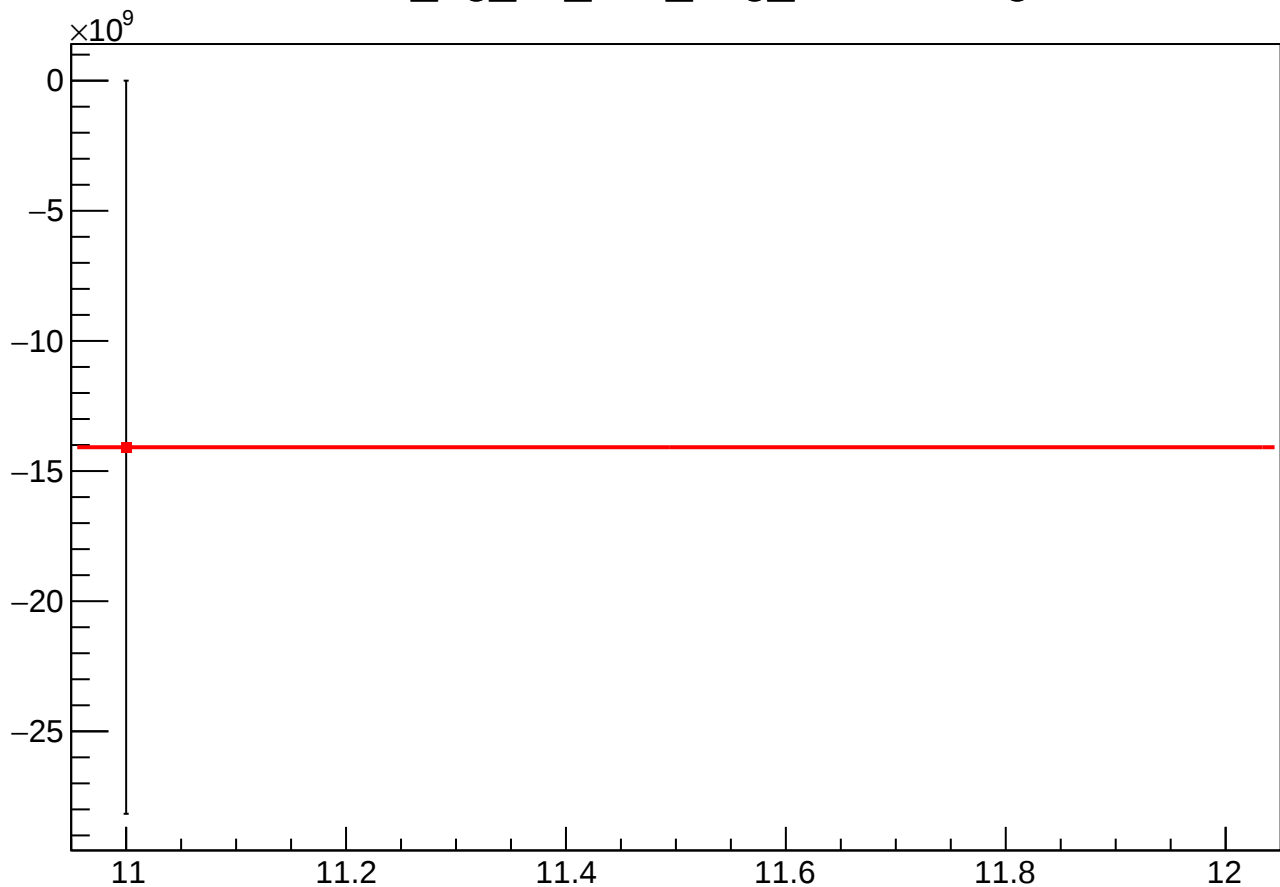
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_dg_us_ds3_avg_rms vs slug



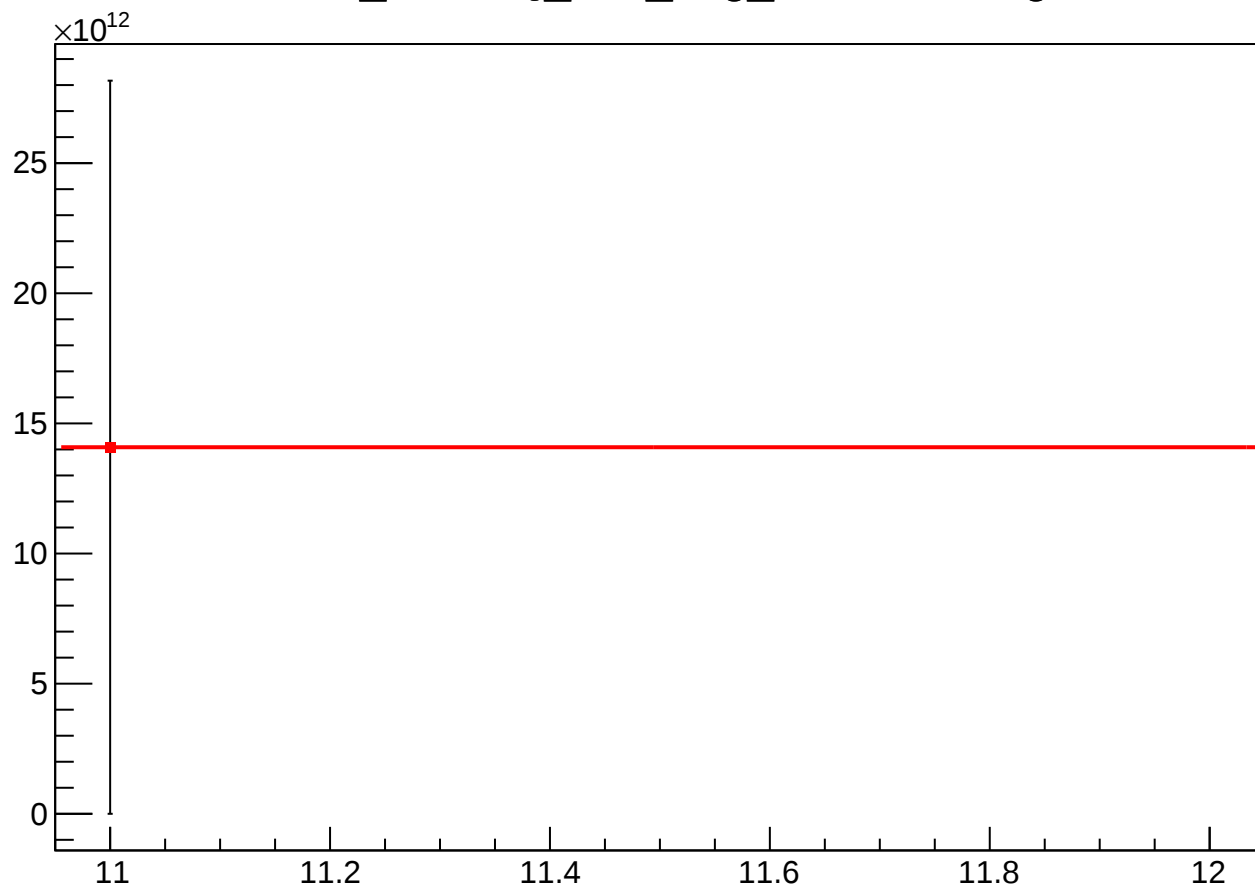
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_mean vs slug



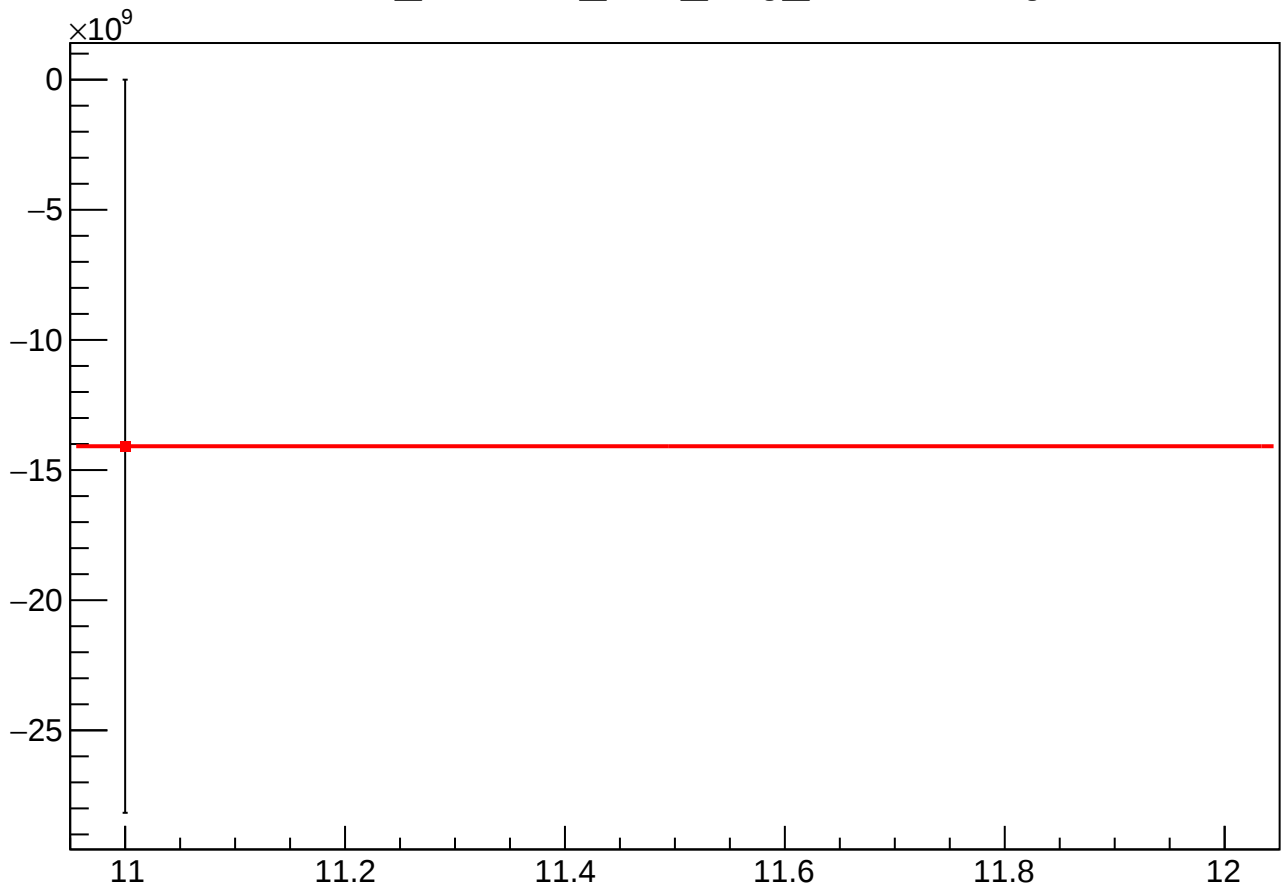
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_rms vs slug



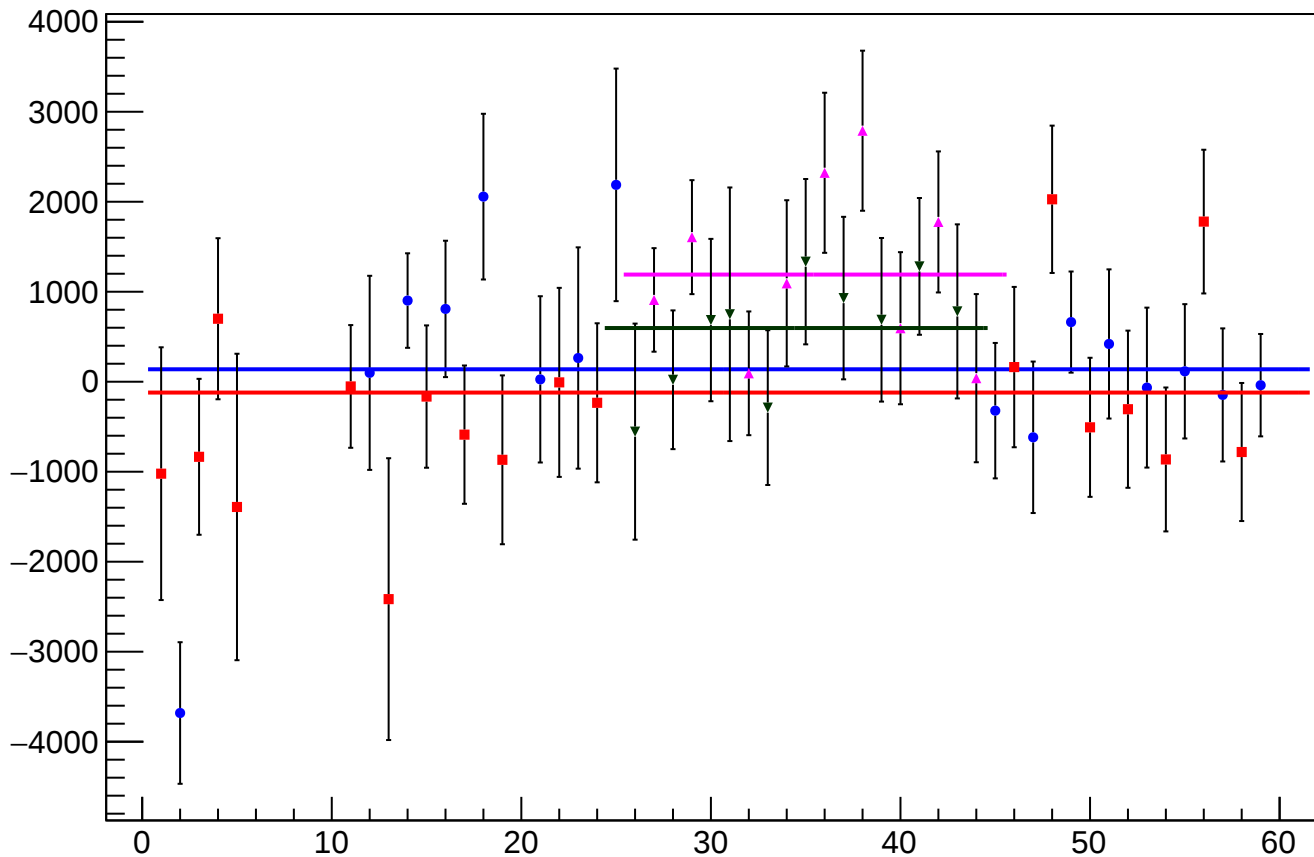
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

asym_left_avg_mean vs slug



Right In: 138.245 ± 191.615 $\chi^2/\text{NDF}: 35.8/15$

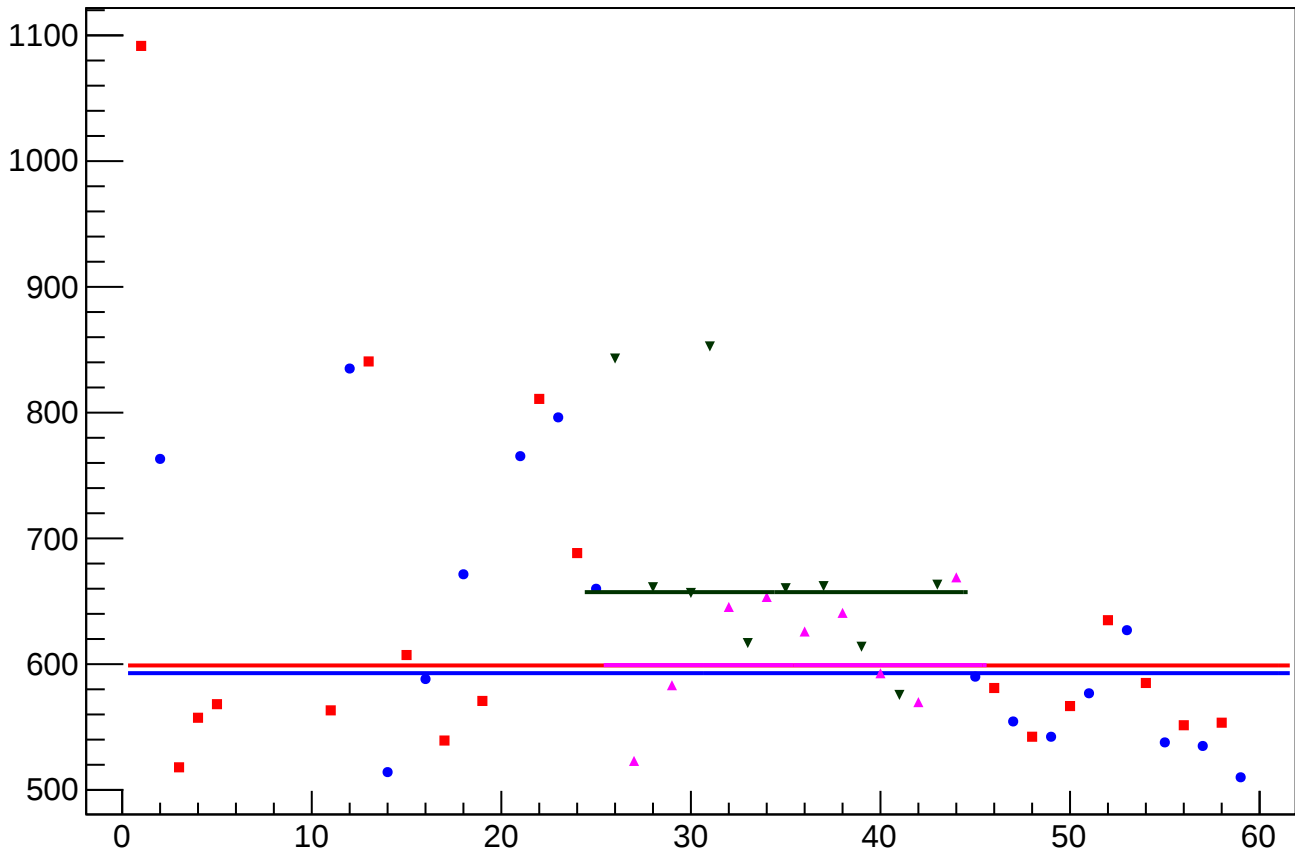
Left Out: 596.646 ± 290.082 $\chi^2/\text{NDF}: 4.2/9$

340.914 ± 113.373 $\chi^2/\text{NDF}: 88.9/52$

Right Out: -120.497 ± 207.716 $\chi^2/\text{NDF}: 20.2/17$

Left In: 1190.705 ± 253.970 $\chi^2/\text{NDF}: 10.6/8$

asym_left_avg_rms vs slug



Right In: 592.845 $\pm$ 0.135 χ^2 /NDF: 473779.4/15

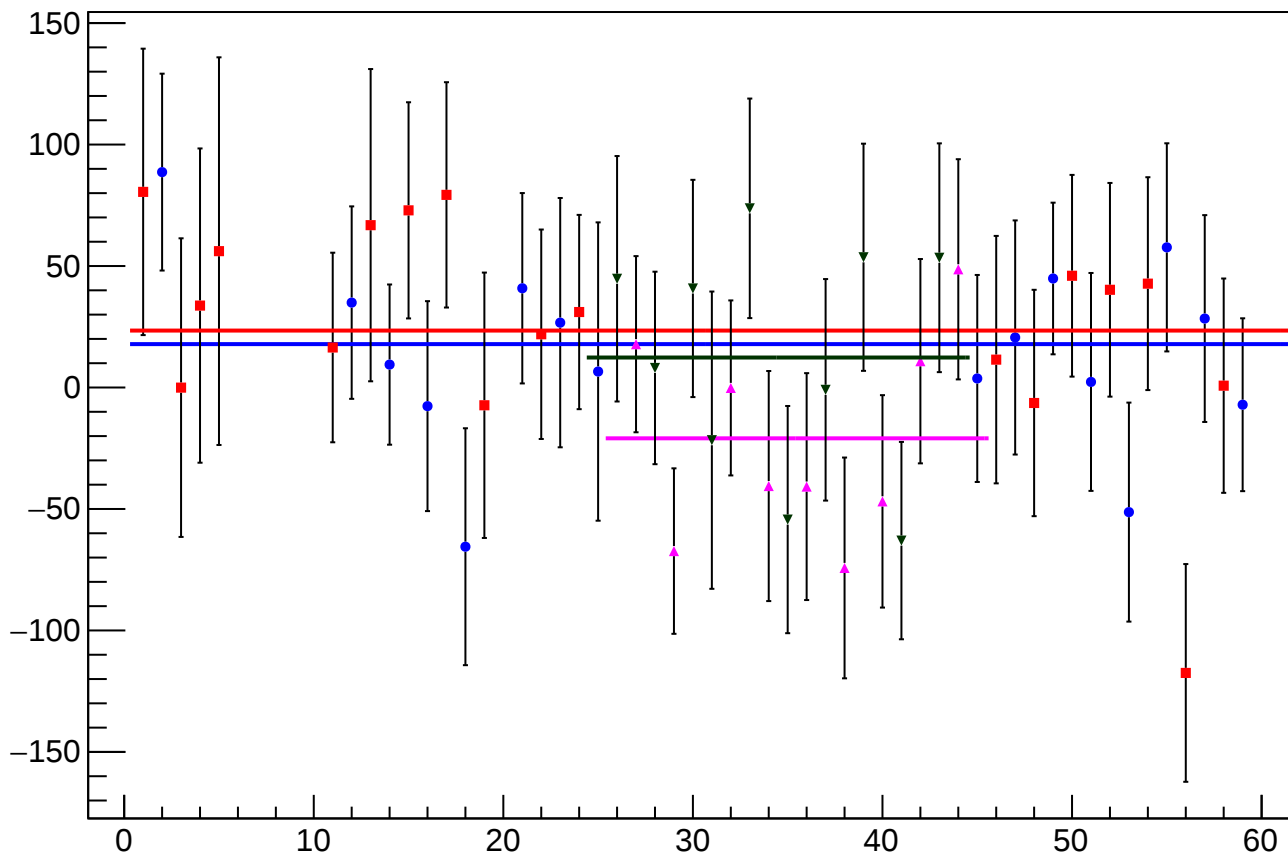
Left Out: 657.280 $\pm$ 0.205 χ^2 /NDF: 118673.7/9

605.799 $\pm$ 0.080 χ^2 /NDF: 1210340.2/52

Right Out: 598.974 $\pm$ 0.147 χ^2 /NDF: 469739.8/17

Left In: 599.296 $\pm$ 0.180 χ^2 /NDF: 72545.0/8

asym_left_dd_mean vs slug



Right In: 17.858 $\pm$ 10.367 χ^2/NDF : 11.7/15

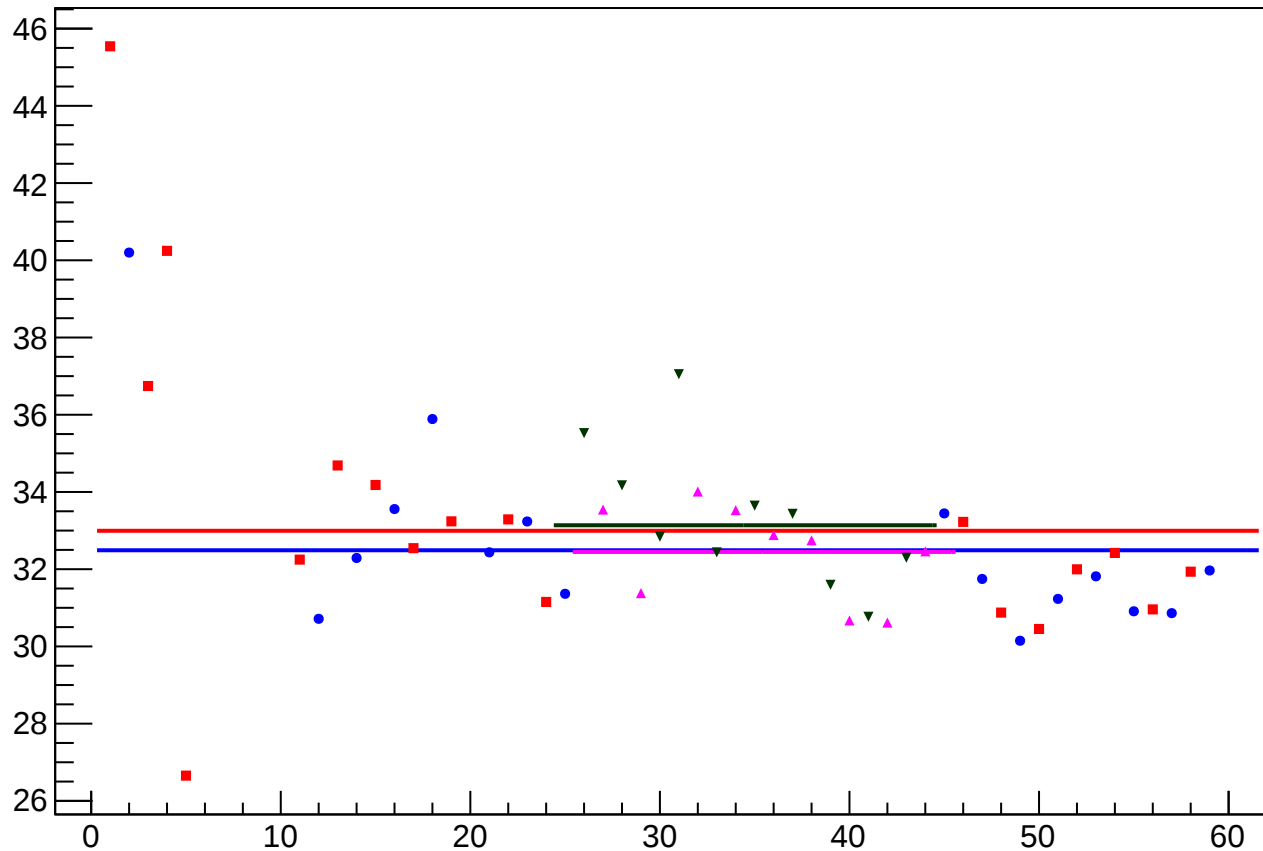
Left Out: 12.342 $\pm$ 14.526 χ^2/NDF : 10.1/9

Right Out: 23.436 $\pm$ 11.328 χ^2/NDF : 16.1/17

Left In: -20.920 $\pm$ 13.661 χ^2/NDF : 8.3/8

10.855 $\pm$ 6.064 χ^2/NDF : 53.3/52

asym_left_dd_rms vs slug



Right In: 32.490+/-0.007 χ^2/NDF : 109398.3/15

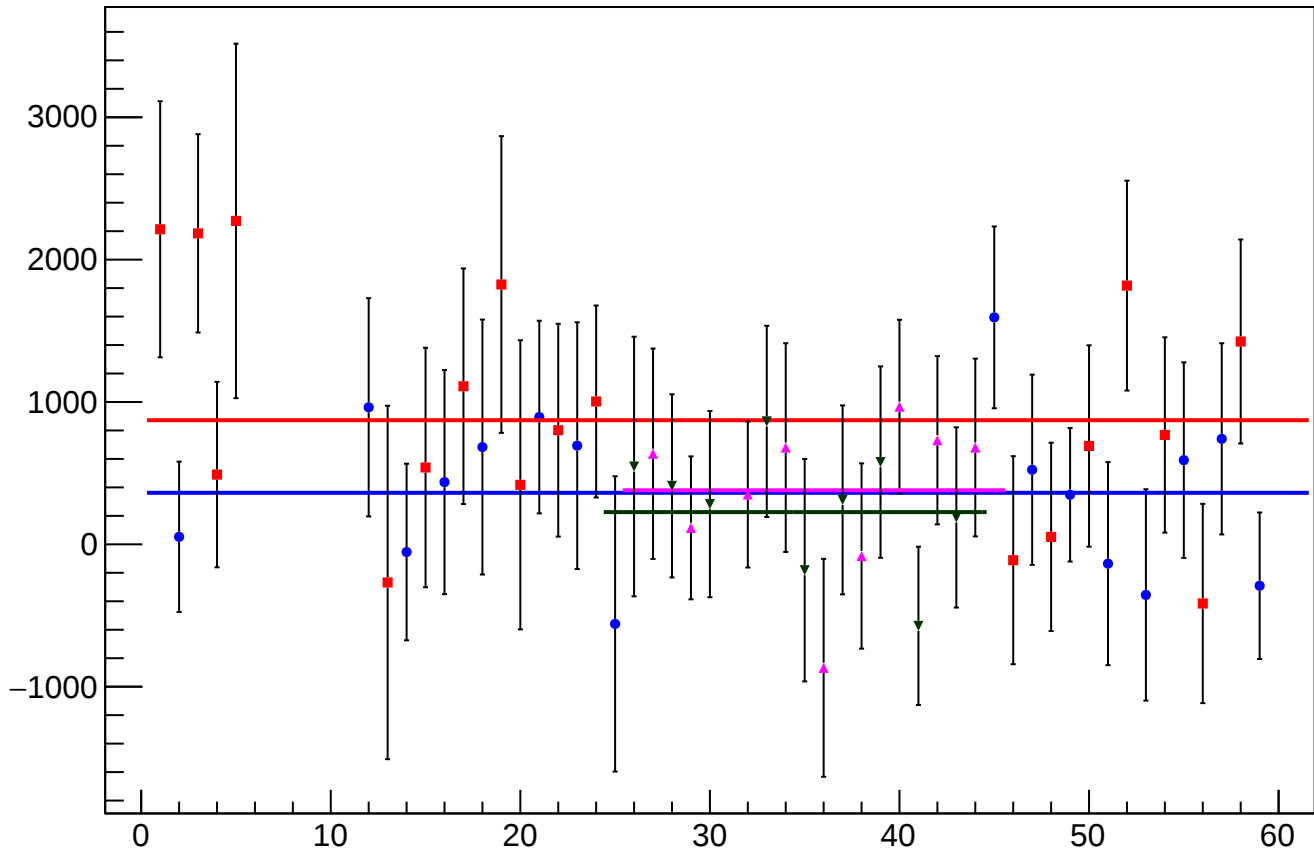
Left Out: 33.138+/-0.010 χ^2/NDF : 24511.4/9

Right Out: 32.995+/-0.008 χ^2/NDF : 162276.8/17

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.739+/-0.004 χ^2/NDF : 316738.2/52

asym_right_avg_mean vs slug



Right In: 362.077+/-165.929 χ^2/NDF : 10.3/15

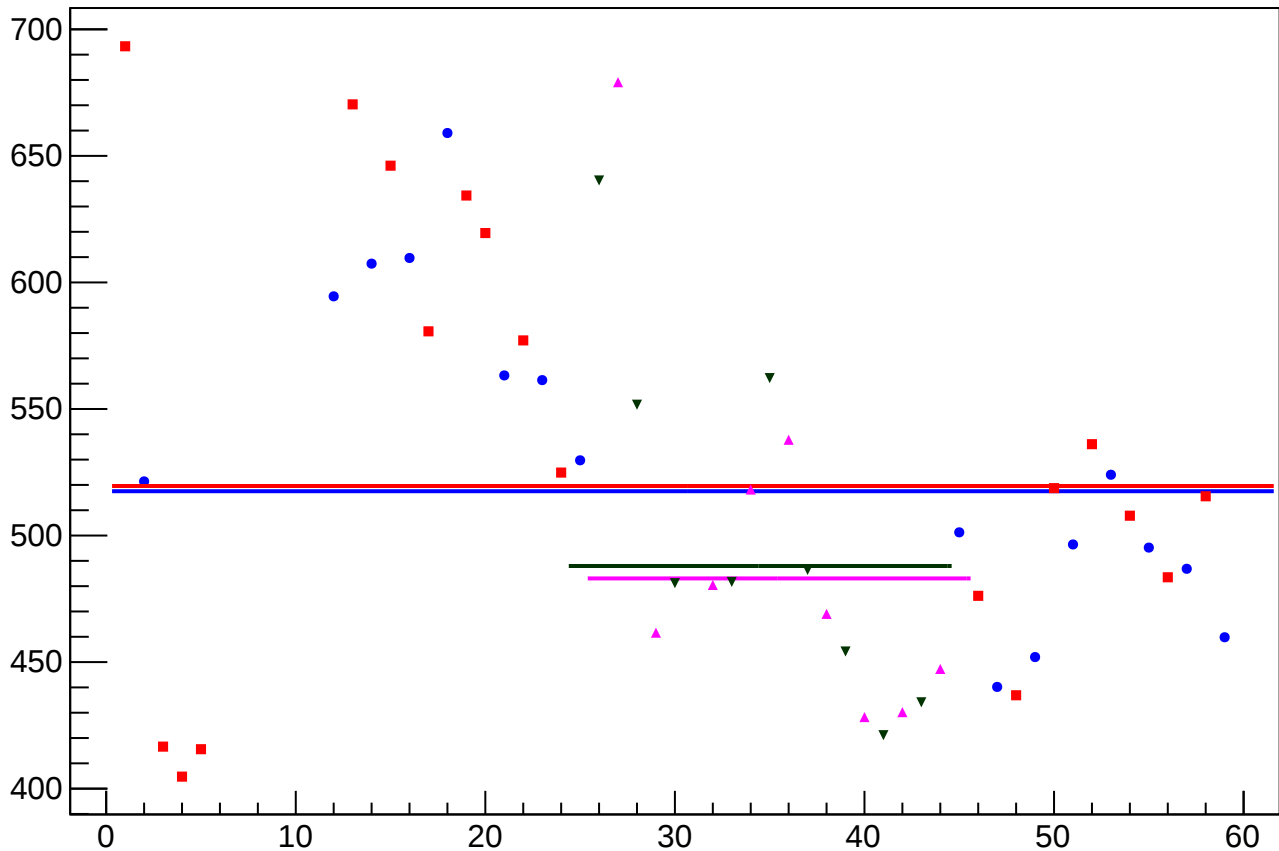
Left Out: 226.455+/-223.469 χ^2/NDF : 3.7/8

479.566+/-95.435 χ^2/NDF : 44.5/51

Right Out: 871.866+/-183.155 χ^2/NDF : 18.6/17

Left In: 379.789+/-205.675 χ^2/NDF : 5.2/8

asym_right_avg_rms vs slug



Right In: 517.516+/-0.117 χ^2/NDF : 254639.1/15

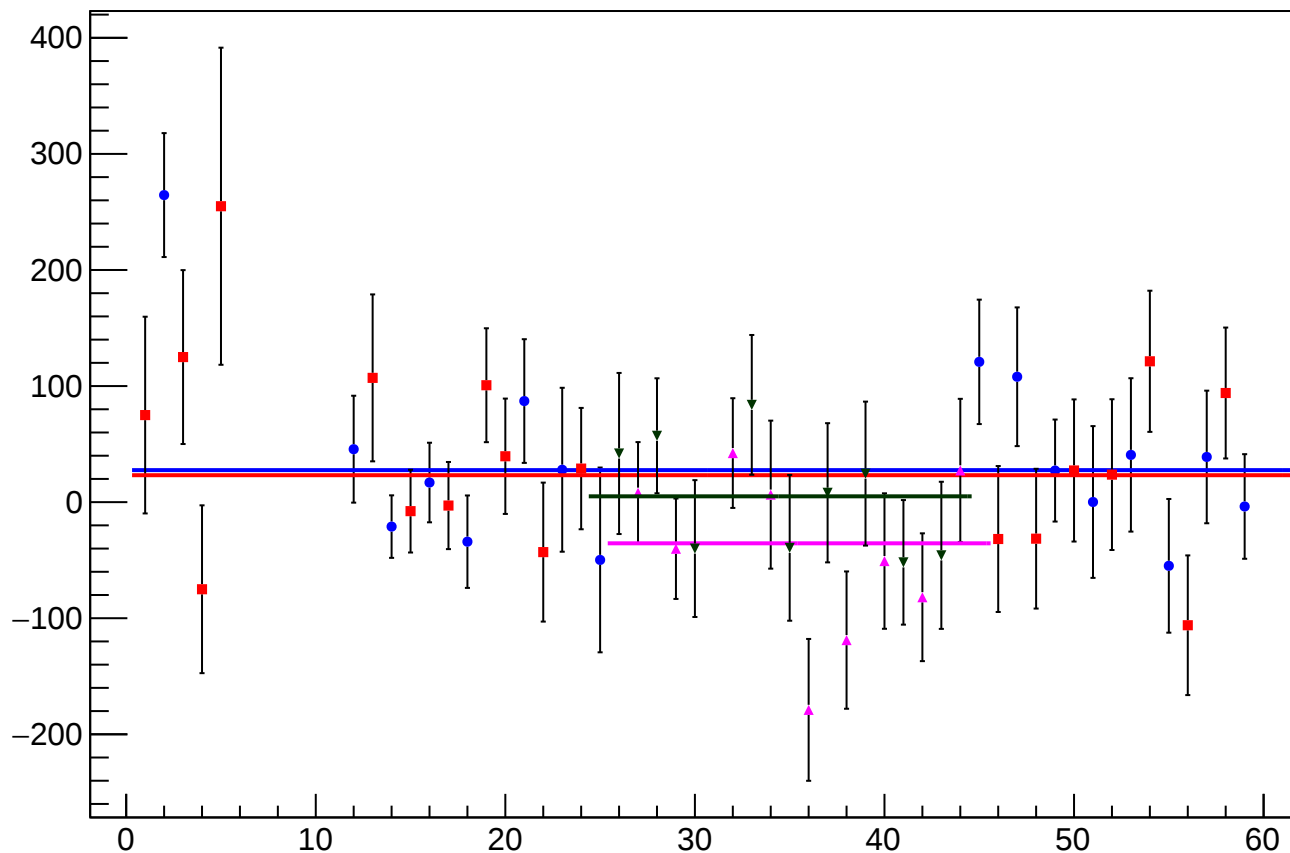
Left Out: 487.967+/-0.158 χ^2/NDF : 142313.3/8

505.266+/-0.067 χ^2/NDF : 1035143.3/51

Right Out: 519.572+/-0.130 χ^2/NDF : 380922.7/17

Left In: 483.059+/-0.145 χ^2/NDF : 198865.1/8

asym_right_dd_mean vs slug



Right In: 27.584 ± 11.865 χ^2/NDF : 35.4/15

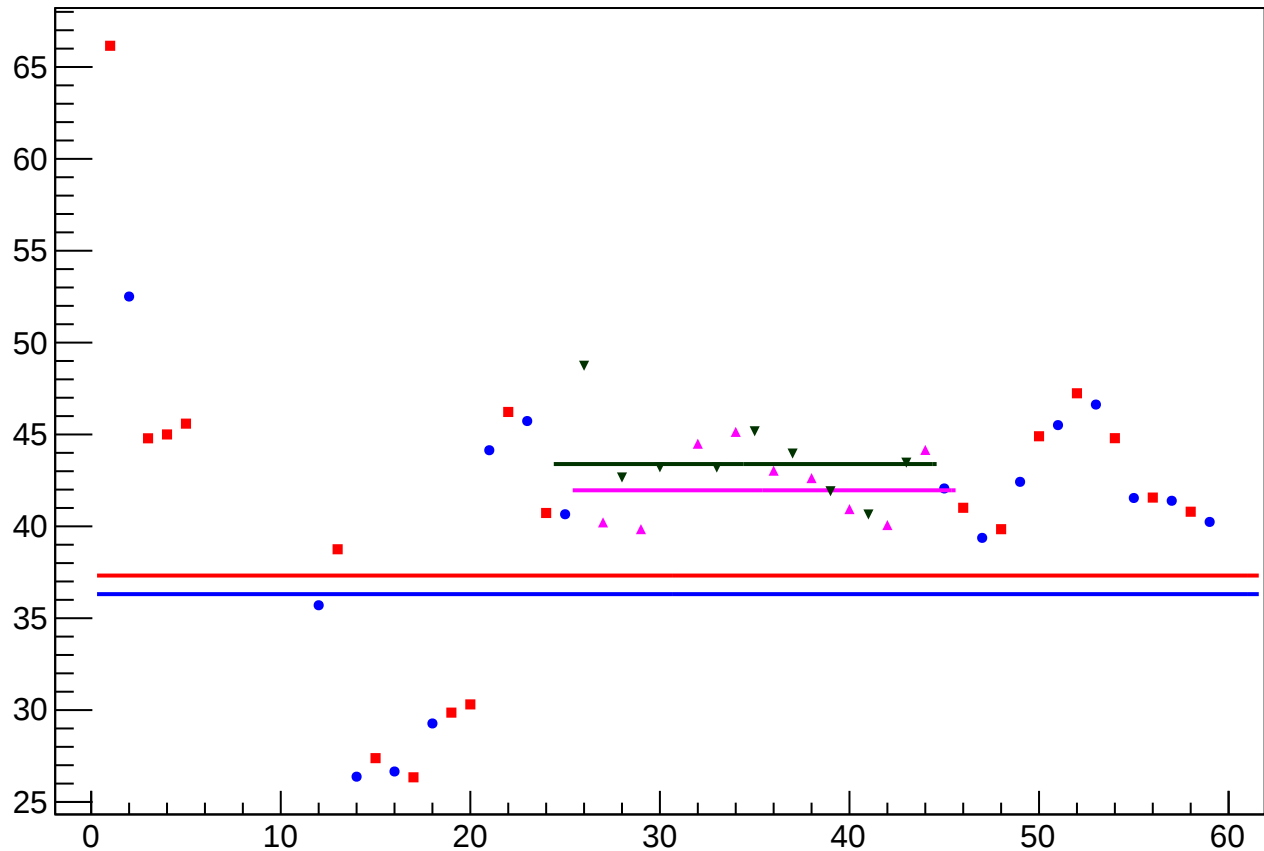
Left Out: 5.008 ± 19.738 χ^2/NDF : 6.1/8

Right Out: 23.206 ± 13.348 χ^2/NDF : 23.8/17

Left In: -35.466 ± 17.692 χ^2/NDF : 13.5/8

12.216 ± 7.357 χ^2/NDF : 88.5/51

asym_right_dd_rms vs slug



Right In: 36.311 ± 0.008 χ^2/NDF : 965349.2/15

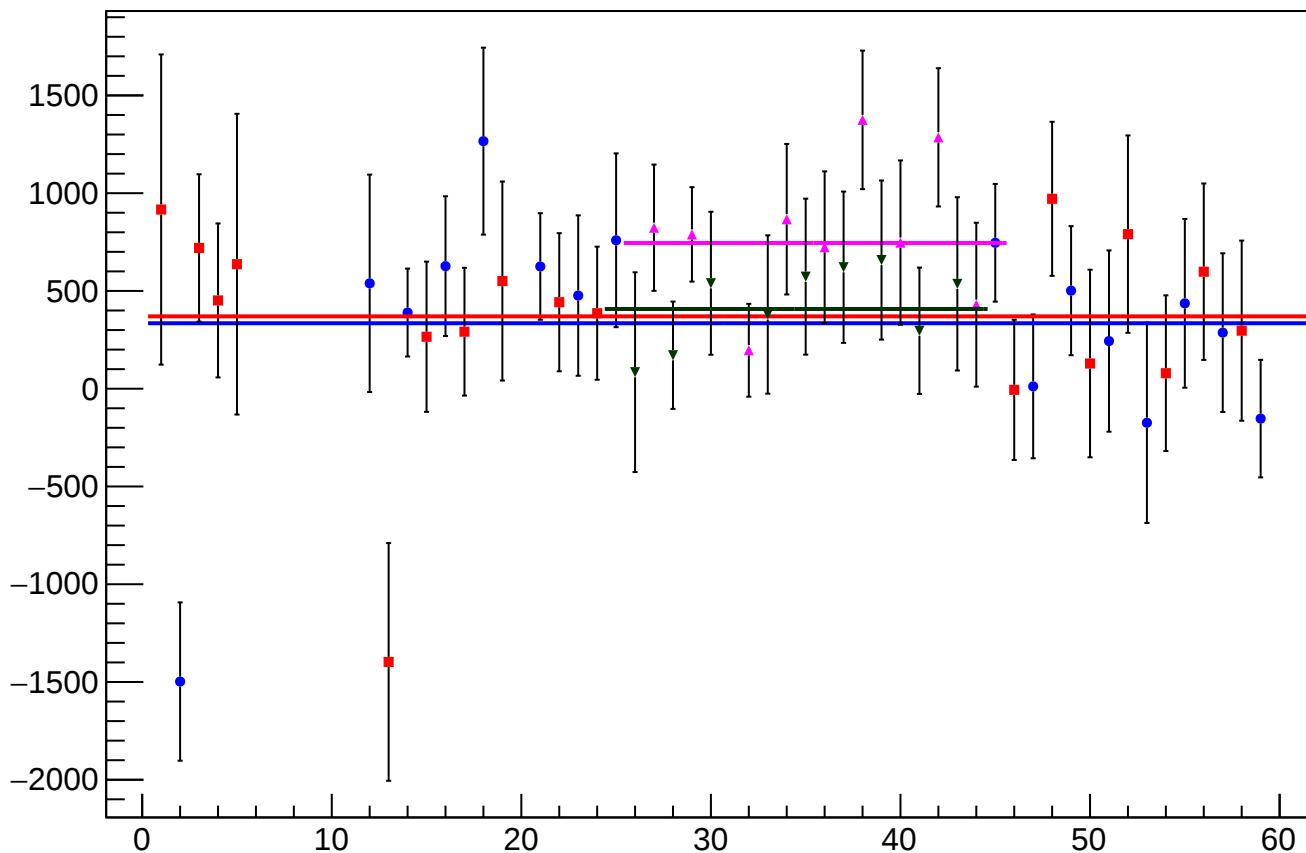
Left Out: 43.391 ± 0.014 χ^2/NDF : 20529.6/8

Right Out: 37.322 ± 0.009 χ^2/NDF : 883097.5/17

Left In: 41.961 ± 0.013 χ^2/NDF : 25099.5/8

38.579 ± 0.005 χ^2/NDF : 2176863.2/51

asym_us_avg_mean vs slug



Right In: 334.850 $\pm$ 89.660 χ^2 /NDF: 33.9/15

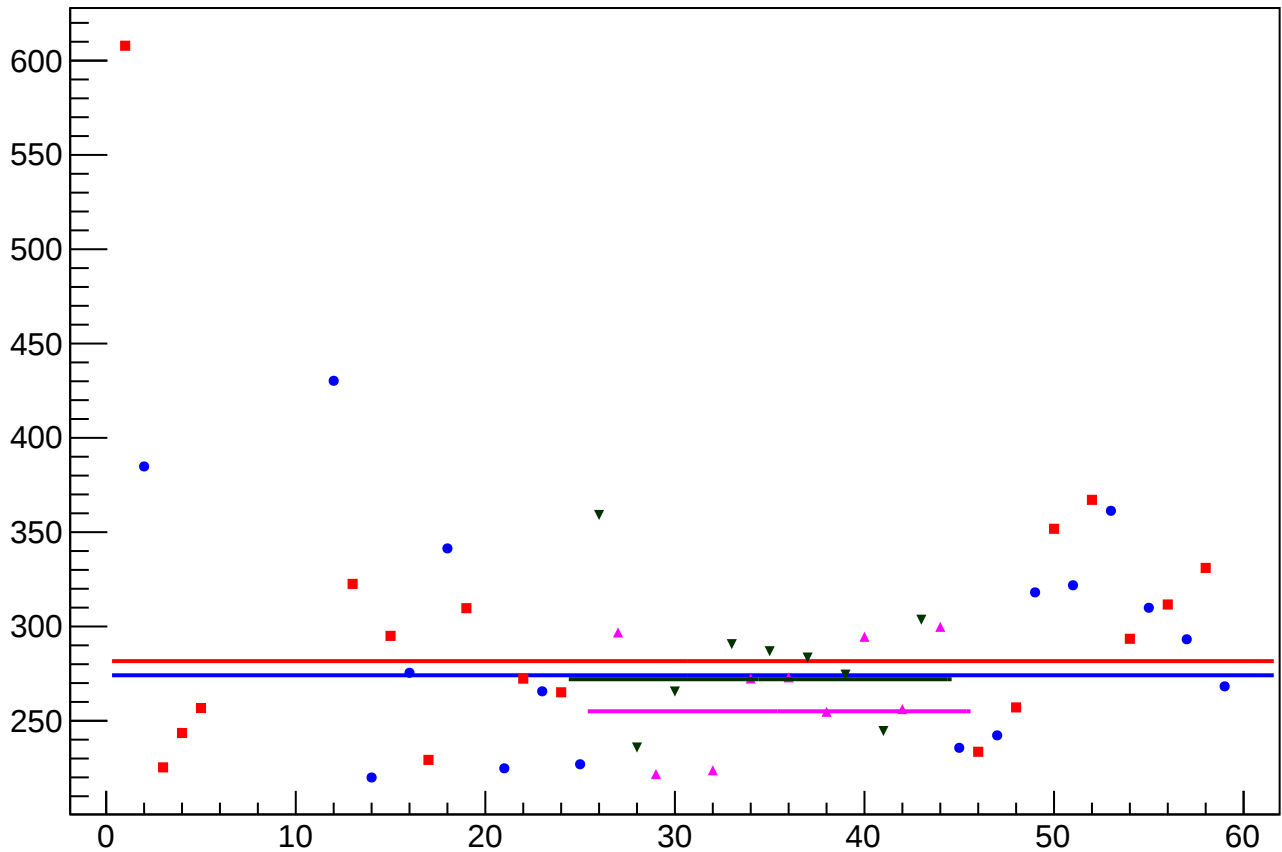
Left Out: 407.654 $\pm$ 124.646 χ^2 /NDF: 2.3/8

Right Out: 370.041 $\pm$ 102.838 χ^2 /NDF: 15.4/16

Left In: 745.341 $\pm$ 108.352 χ^2 /NDF: 11.6/8

451.482 $\pm$ 52.094 χ^2 /NDF: 73.1/50

asym_us_avg_rms vs slug



Right In: 274.129+/-0.063 χ^2/NDF : 733269.3/15

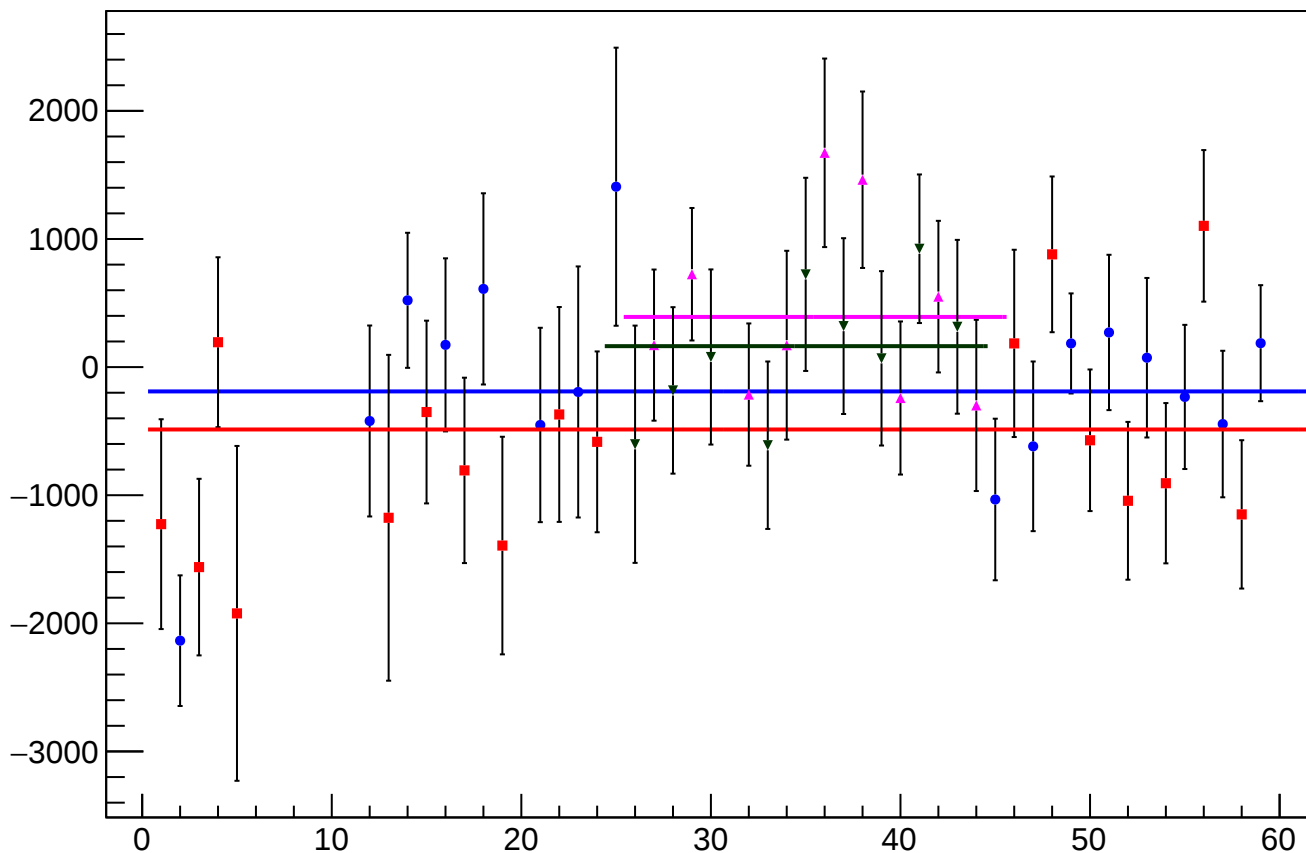
Left Out: 272.030+/-0.088 χ^2/NDF :126979.0/8

Right Out: 281.634+/-0.073 χ^2/NDF : 656375.7/16

Left In: 255.044+/-0.077 χ^2/NDF :154932.2/8

271.277+/-0.037 χ^2/NDF : 1738828.0/50

asym_us_dd_mean vs slug



Right In: -189.797 ± 149.735 χ^2/NDF : 25.0/15

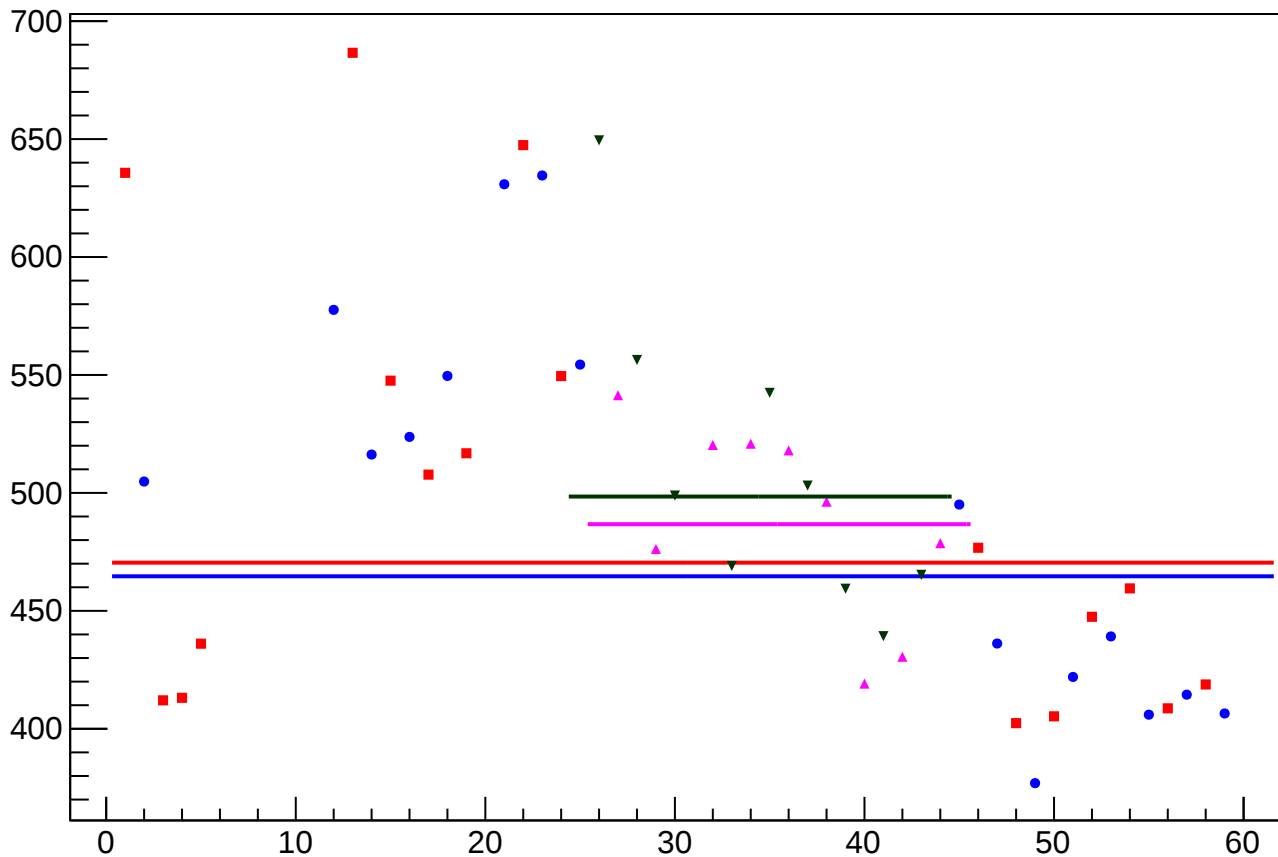
Left Out: 163.472 ± 228.189 χ^2/NDF : 4.8/8

Right Out: -486.921 ± 169.886 χ^2/NDF : 22.9/16

Left In: 391.603 ± 206.064 χ^2/NDF : 9.5/8

-106.344 ± 90.534 χ^2/NDF : 74.8/50

asym_us_dd_rms vs slug



Right In: 464.654+/-0.106 χ^2/NDF : 481064.6/15

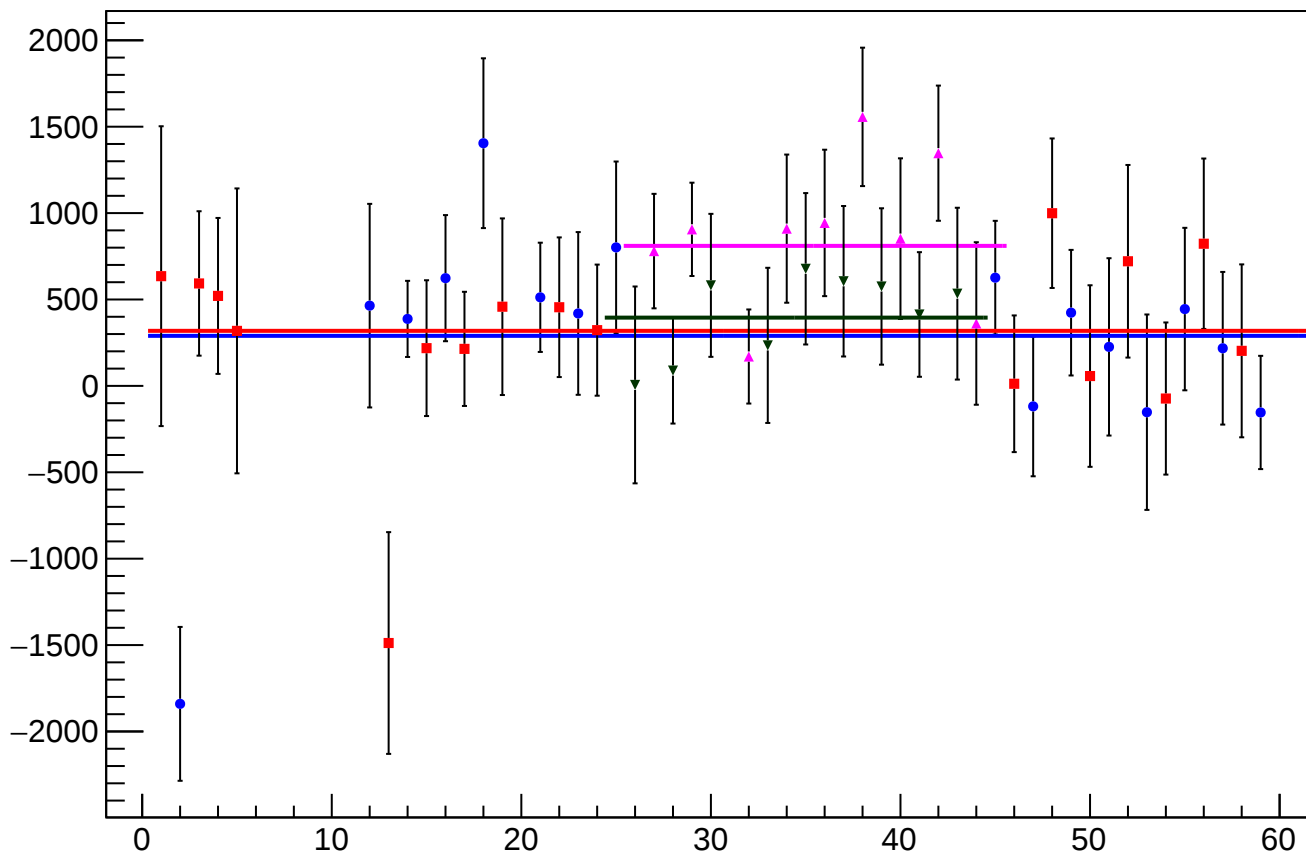
Left Out: 498.461+/-0.161 χ^2/NDF : 112214.2/8

475.878+/-0.064 χ^2/NDF : 1122080.2/50

Right Out: 470.435+/-0.120 χ^2/NDF : 412842.1/16

Left In: 486.730+/-0.146 χ^2/NDF : 77533.3/8

asym_ds_avg_mean vs slug



Right In: 289.652 ± 96.428 $\chi^2/\text{NDF}: 35.6/15$

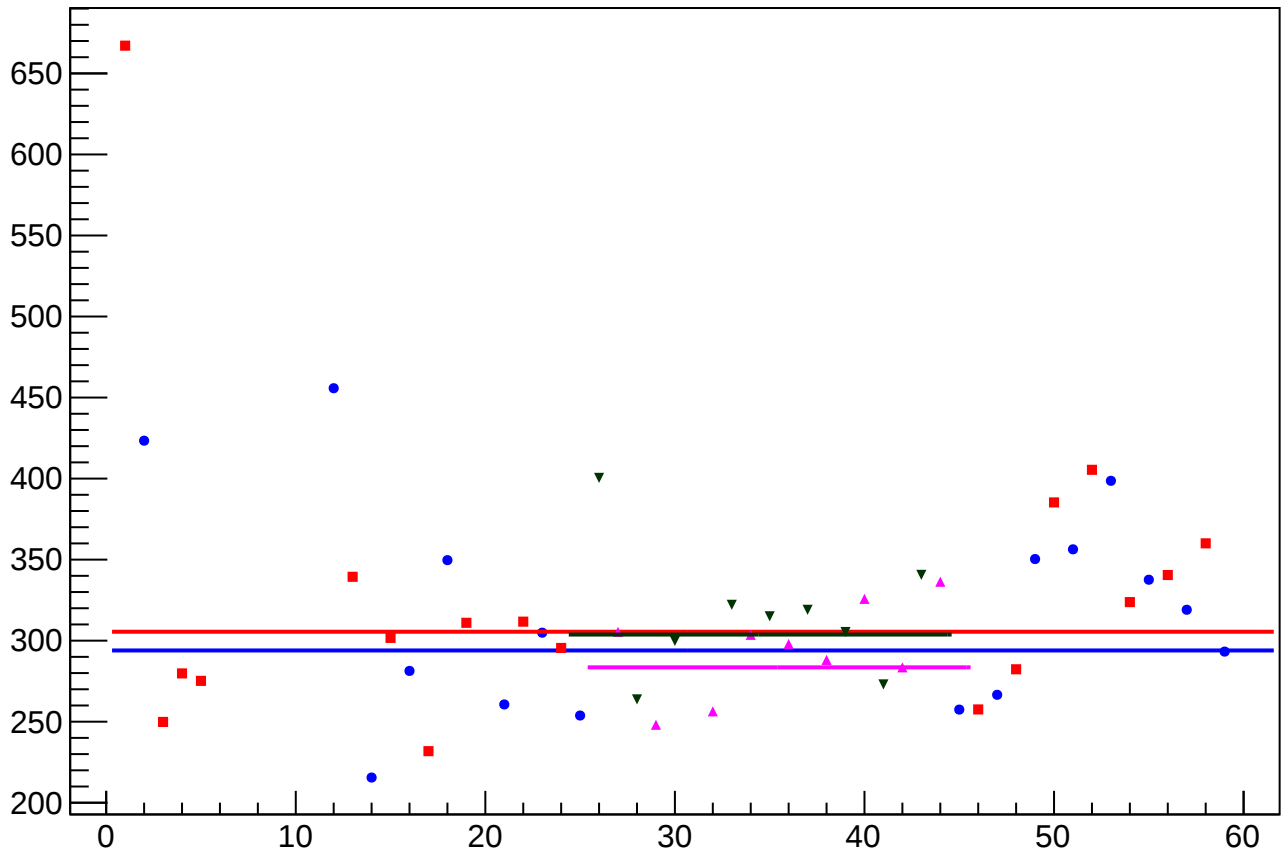
Left Out: 395.054 ± 139.188 $\chi^2/\text{NDF}: 2.7/8$

Right Out: 318.632 ± 111.630 $\chi^2/\text{NDF}: 14.8/16$

Left In: 810.313 ± 120.172 $\chi^2/\text{NDF}: 12.1/8$

431.621 ± 56.920 $\chi^2/\text{NDF}: 78.3/50$

asym_ds_avg_rms vs slug



Right In: 293.953+/-0.068 χ^2/NDF : 841546.9/15

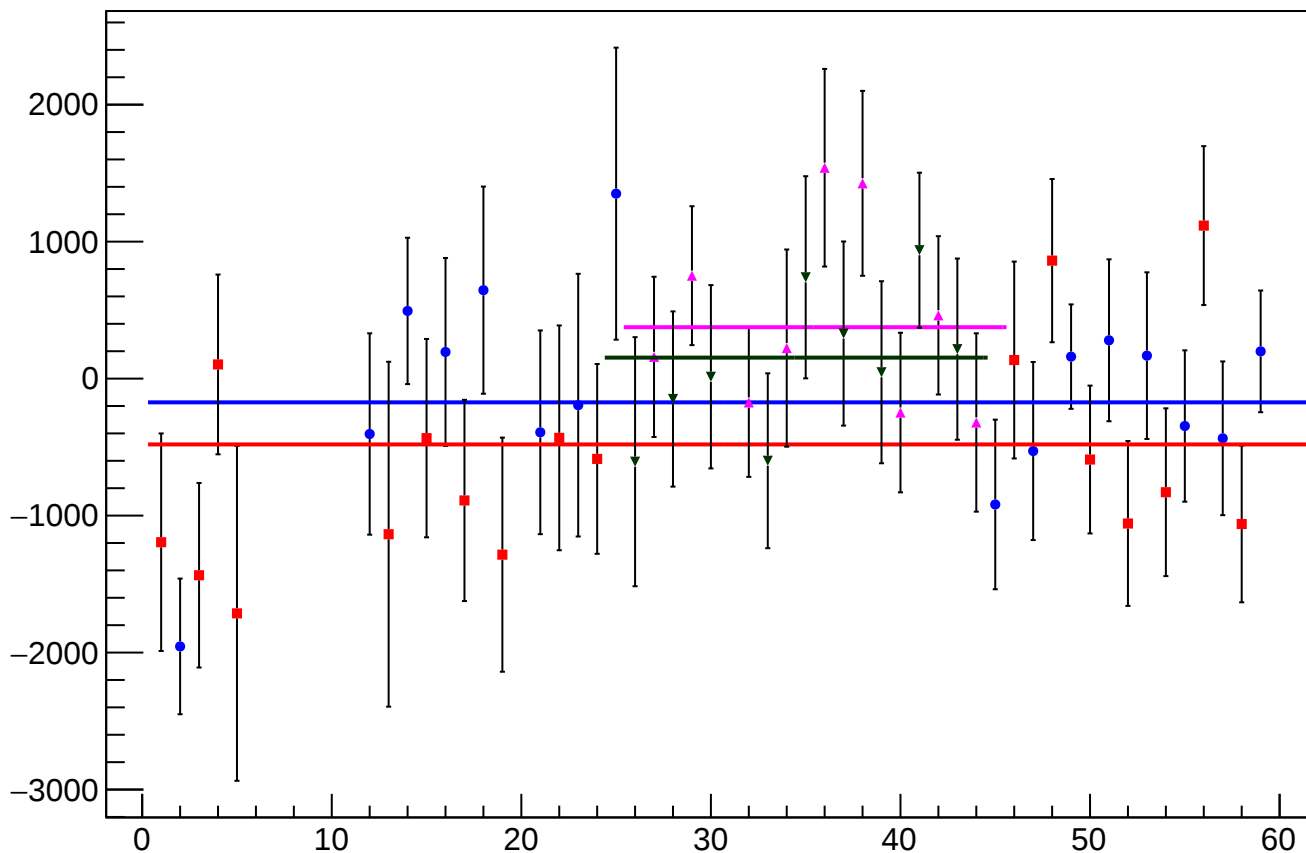
Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

296.259+/-0.040 χ^2/NDF : 1803247.1/50

Right Out: 305.502+/-0.079 χ^2/NDF : 682306.3/16

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

asym_ds_dd_mean vs slug



Right In: -173.303 ± 147.397 χ^2/NDF : 22.6/15

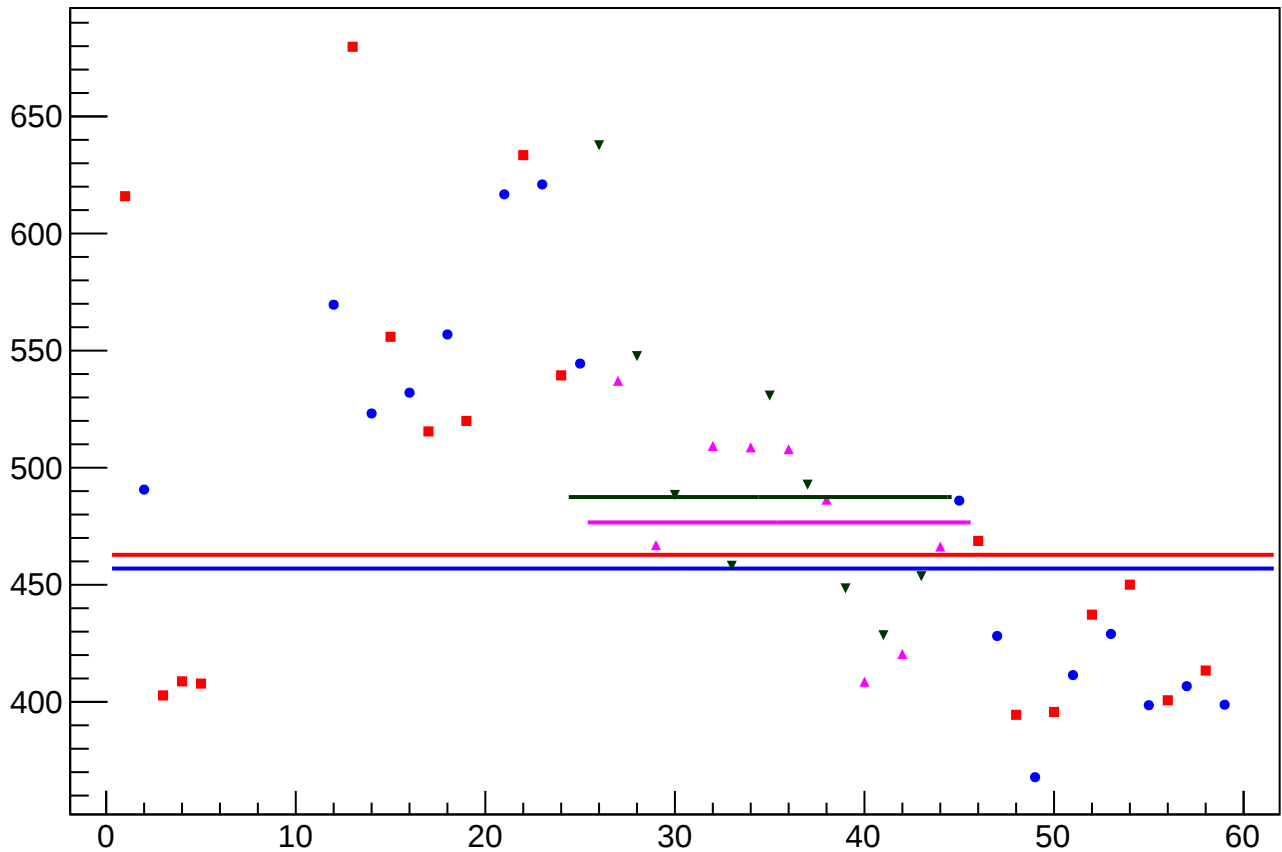
Left Out: 153.259 ± 223.218 χ^2/NDF : 5.0/8

Right Out: -480.466 ± 167.234 χ^2/NDF : 21.8/16

Left In: 375.323 ± 201.839 χ^2/NDF : 9.1/8

-101.800 ± 88.946 χ^2/NDF : 70.8/50

asym_ds_dd_rms vs slug



Right In: 456.944+/-0.104 χ^2/NDF : 516432.3/15

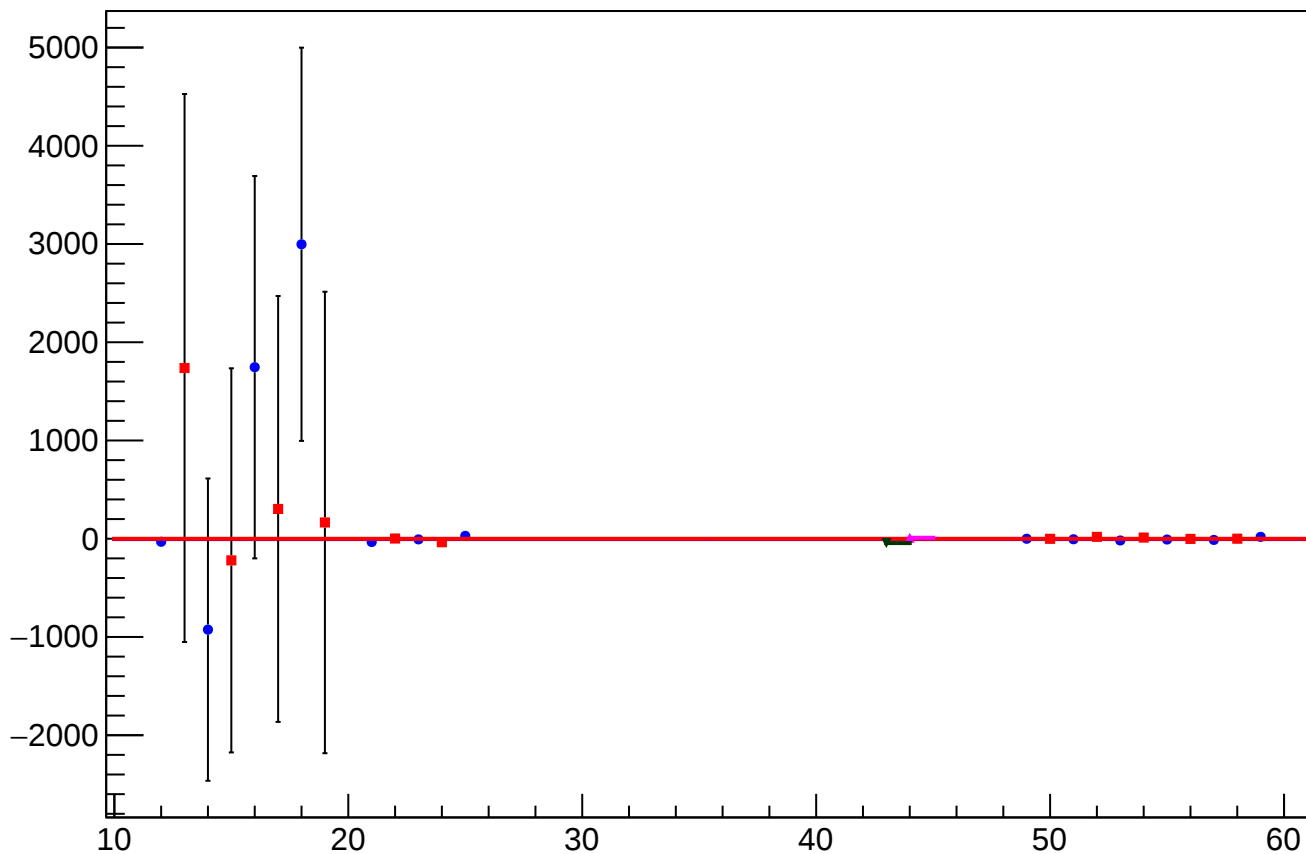
Left Out: 487.474+/-0.158 χ^2/NDF : 117424.5/8

Right Out: 462.808+/-0.118 χ^2/NDF : 430219.9/16

Left In: 476.643+/-0.143 χ^2/NDF : 84134.8/8

467.276+/-0.063 χ^2/NDF : 1180147.5/50

bcm_an_us_ds_dd_mean vs slug



Right In: -3.572+/-6.734 χ^2 /NDF: 9.7/12

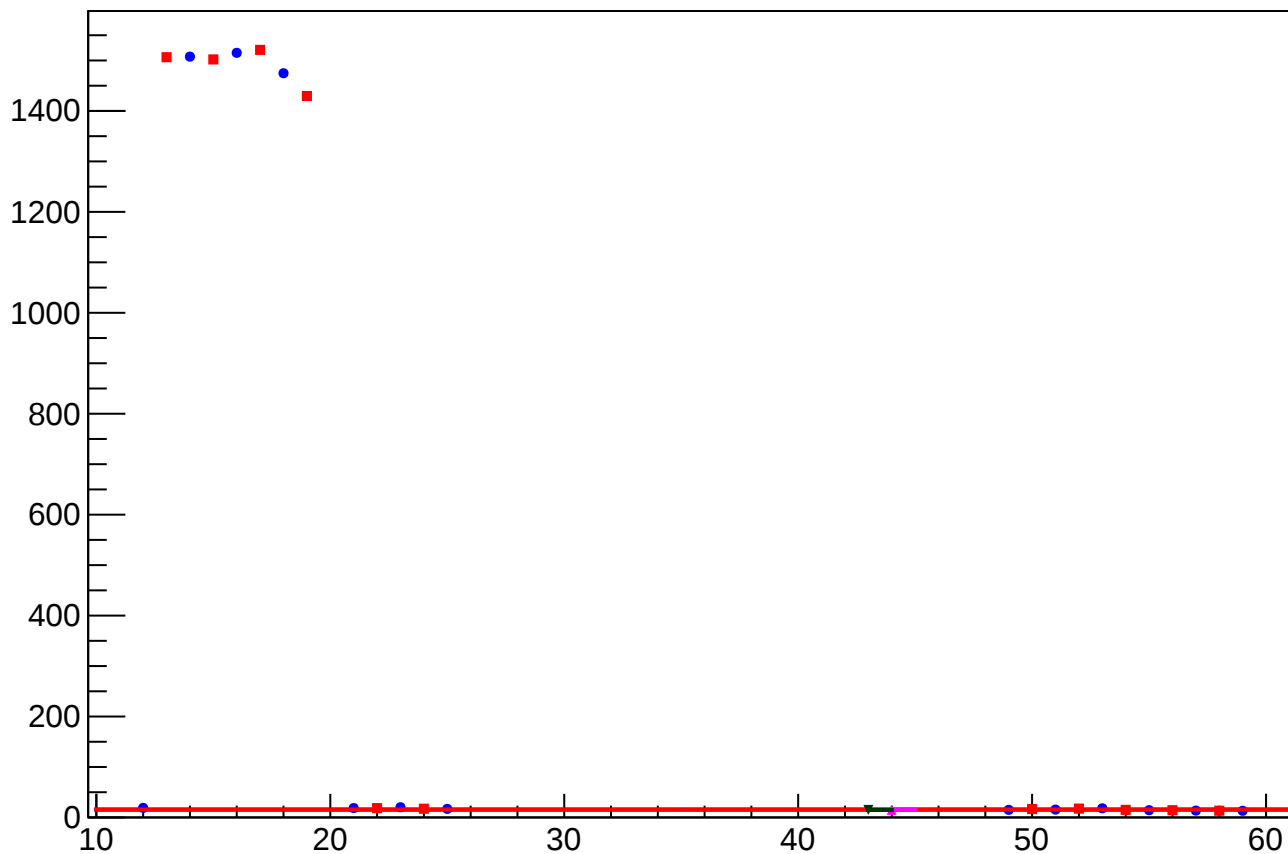
Left Out: -44.252+/-22.047 χ^2 /NDF:0.0/0

Right Out: -0.699+/-8.203 χ^2 /NDF: 3.9/10

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

-3.874+/-4.934 χ^2 /NDF: 17.5/25

bcm_an_us_ds_dd_rms vs slug



Right In: 15.520+/-0.005 χ^2/NDF : 4337775.3/12

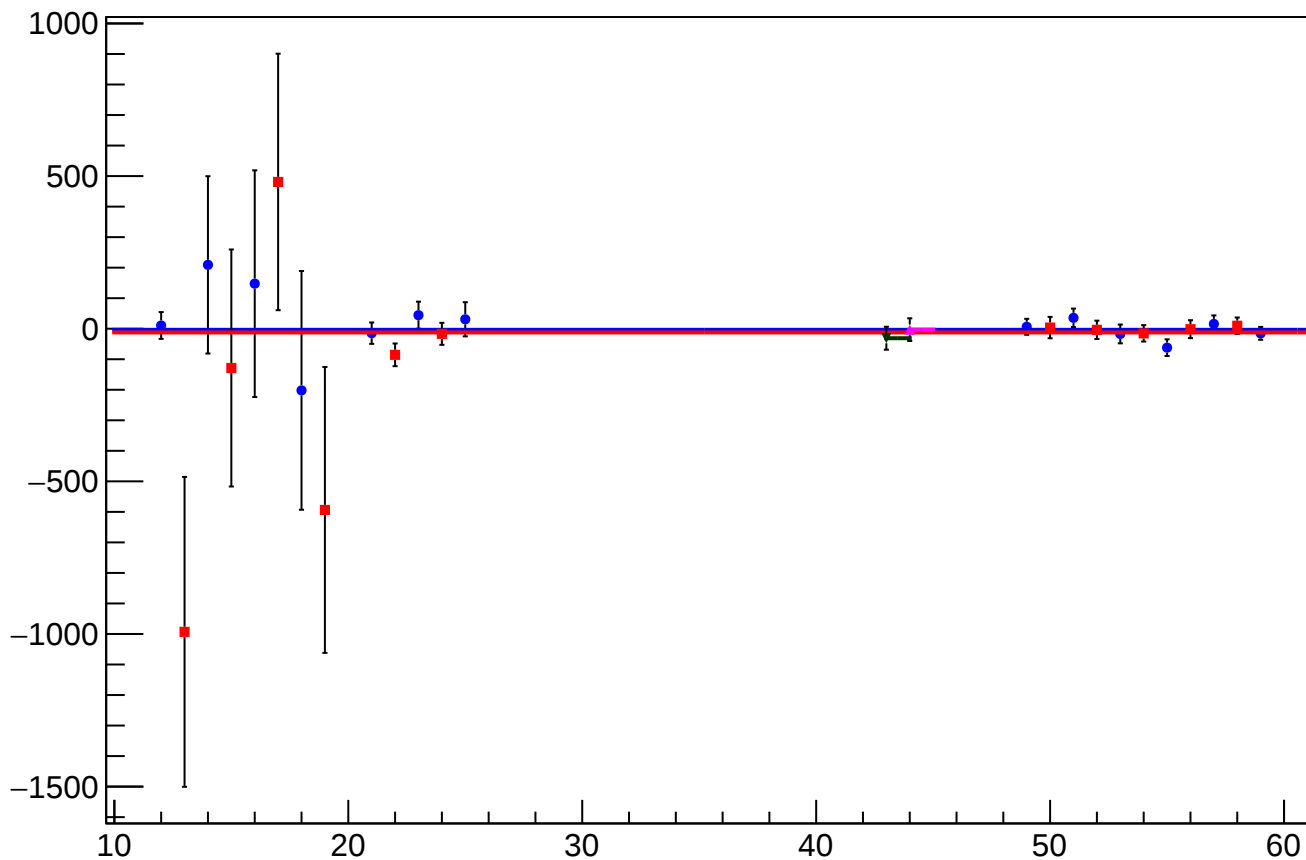
Left Out: 14.889+/-0.016 χ^2/NDF : 0.0/0

Right Out: 15.843+/-0.006 χ^2/NDF : 3509978.8/10

Left In: 15.152+/-0.015 χ^2/NDF : 0.0/0

15.586+/-0.003 χ^2/NDF : 7852710.1/25

bcm_dg_us_ds_dd_mean vs slug



Right In: -3.602+/-9.680 χ^2 /NDF: 10.1/12

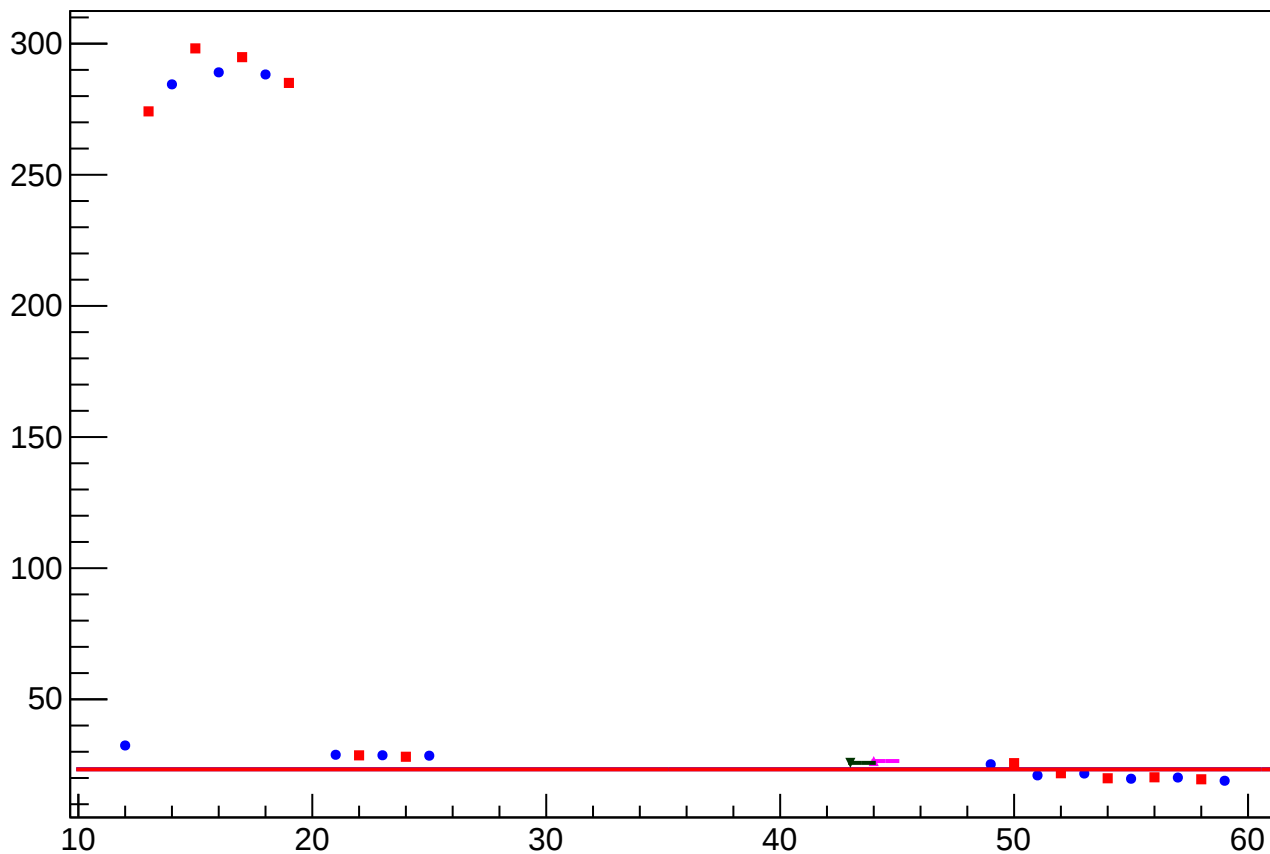
Left Out: -31.130+/-37.603 χ^2 /NDF:0.0/0

Right Out: -12.198+/-11.650 χ^2 /NDF: 11.8/10

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

-7.830+/-7.166 χ^2 /NDF: 22.6/25

bcm_dg_us_ds_dd_rms vs slug



Right In: 23.341+/-0.007 χ^2/NDF : 3916843.5/12

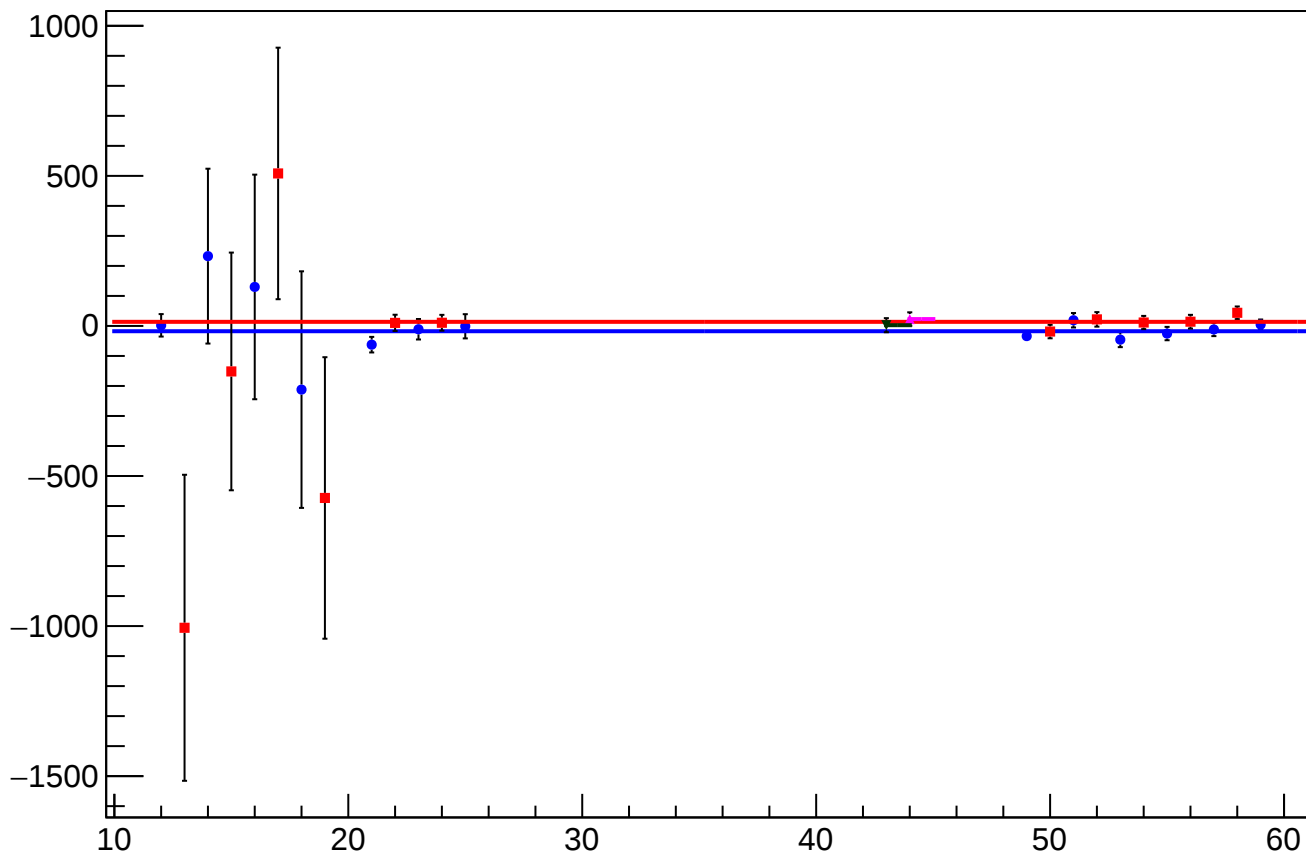
Left Out: 25.766+/-0.027 χ^2/NDF : 0.0/0

Right Out: 23.282+/-0.008 χ^2/NDF : 3135491.8/10

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

23.523+/-0.005 χ^2/NDF : 7073577.7/25

bcm_dg_ds_ds_dd_mean vs slug



Right In: -17.595+/-7.429 χ^2/NDF : 11.0/12

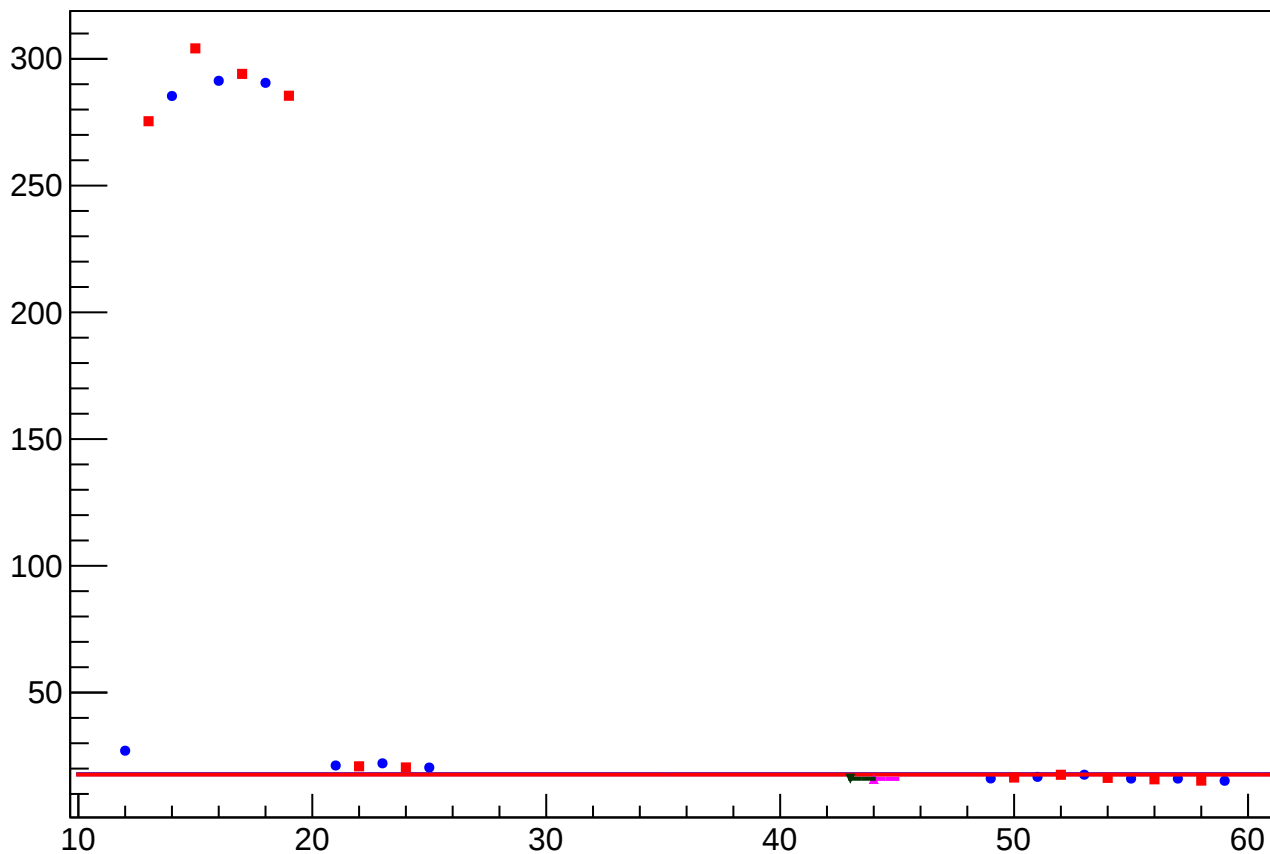
Left Out: 2.521+/-23.436 χ^2/NDF : 0.0/0

Right Out: 13.700+/-8.866 χ^2/NDF : 11.4/10

Left In: 22.872+/-22.514 χ^2/NDF : 0.0/0

-2.736+/-5.374 χ^2/NDF : 31.2/25

bcm_dg_ds_ds_dd_rms vs slug



Right In: 17.778+/-0.005 χ^2/NDF : 4007051.1/12

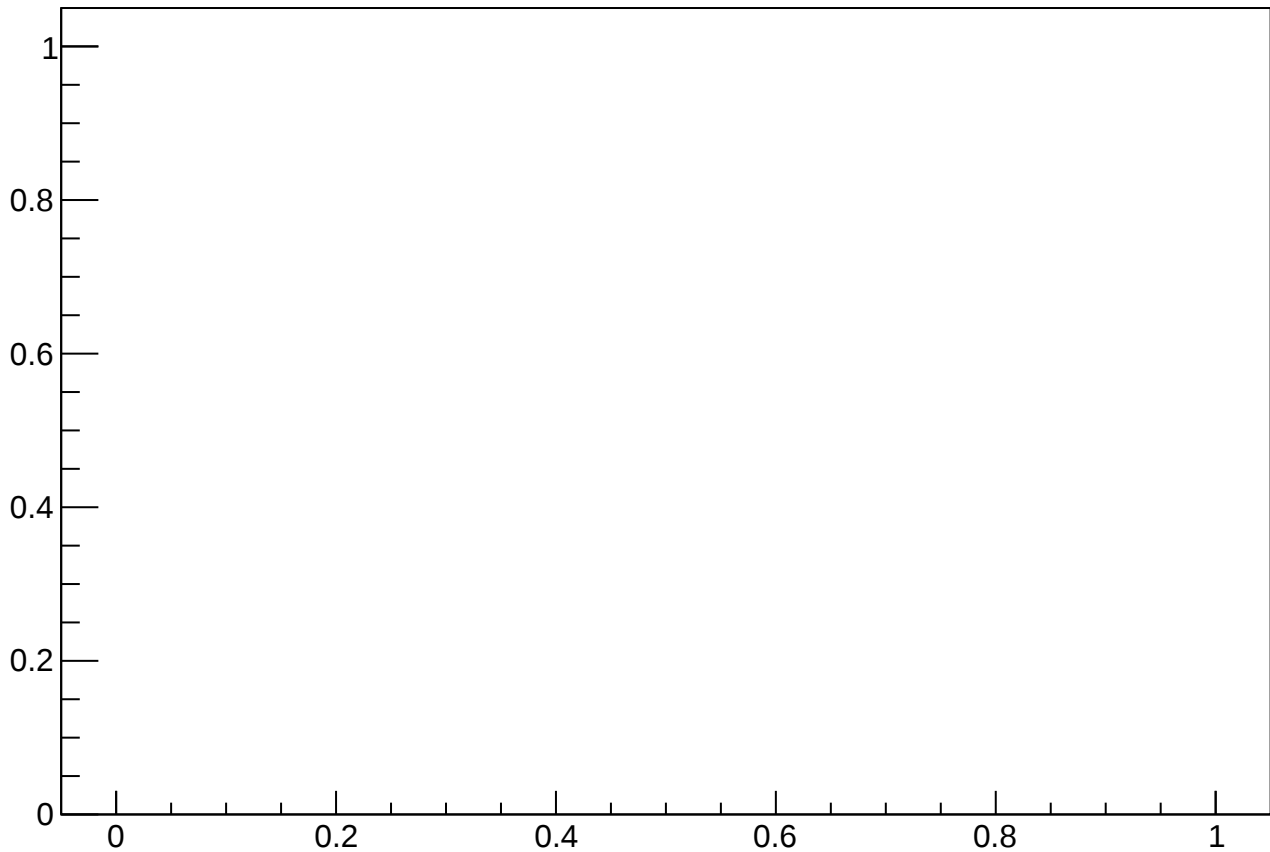
Left Out: 16.003+/-0.017 χ^2/NDF : 0.0/0

Right Out: 17.645+/-0.006 χ^2/NDF : 3183254.5/10

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

17.530+/-0.004 χ^2/NDF : 7211444.8/25

bcm_dg_ds_ds3_dd_mean vs slug



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

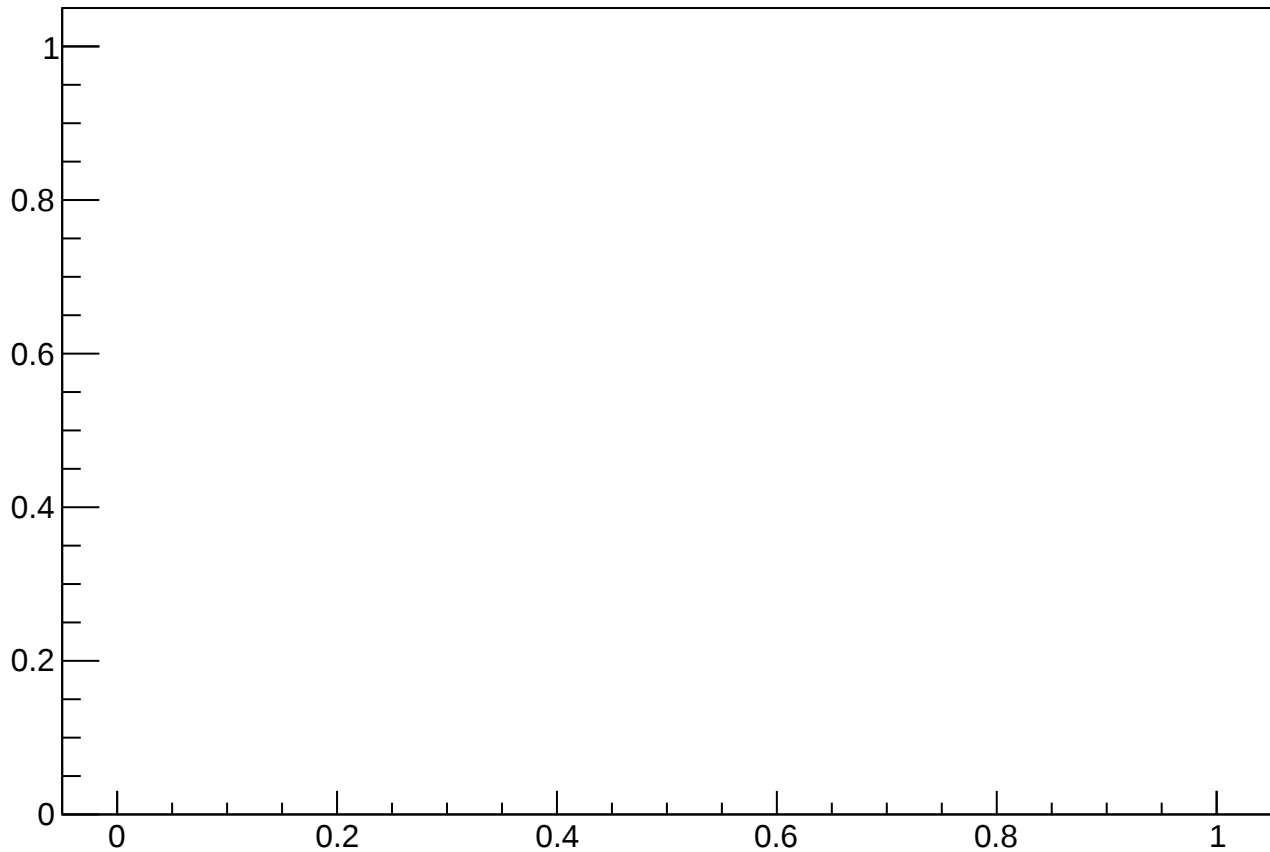
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds3_dd_rms vs slug



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

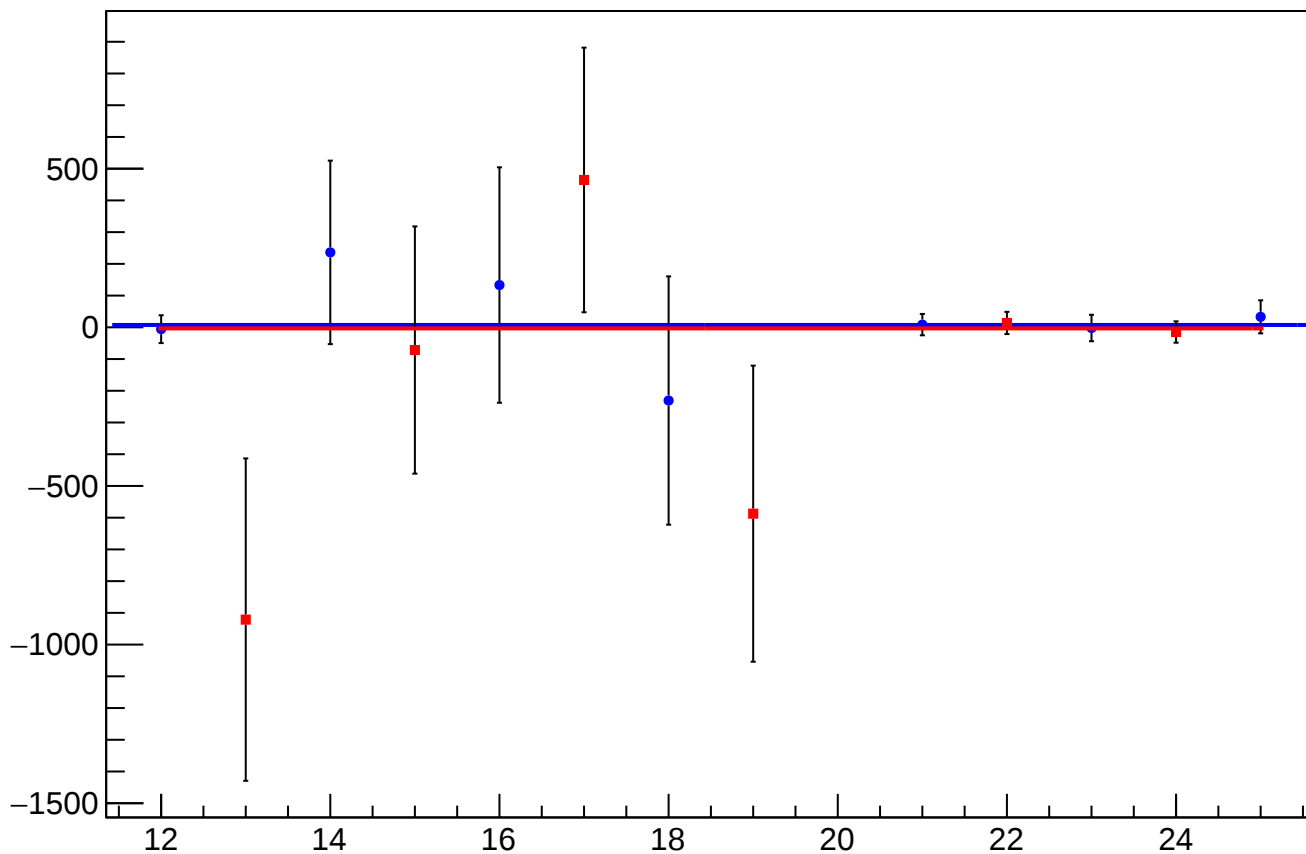
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_cav4cQ_ds_dd_mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

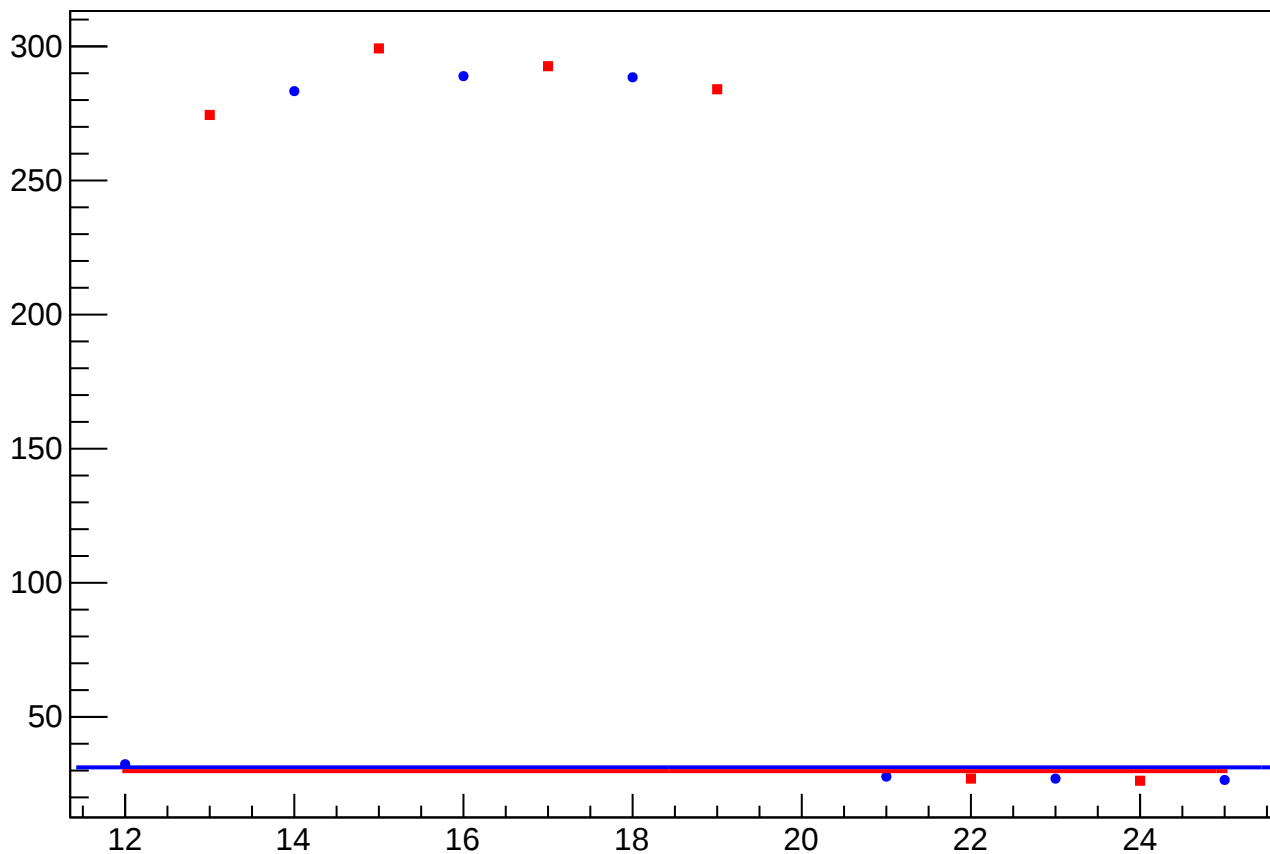
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd_rms vs slug



Right In: 31.193 $\pm$ 0.015 χ^2 /NDF: 3408382.3/6

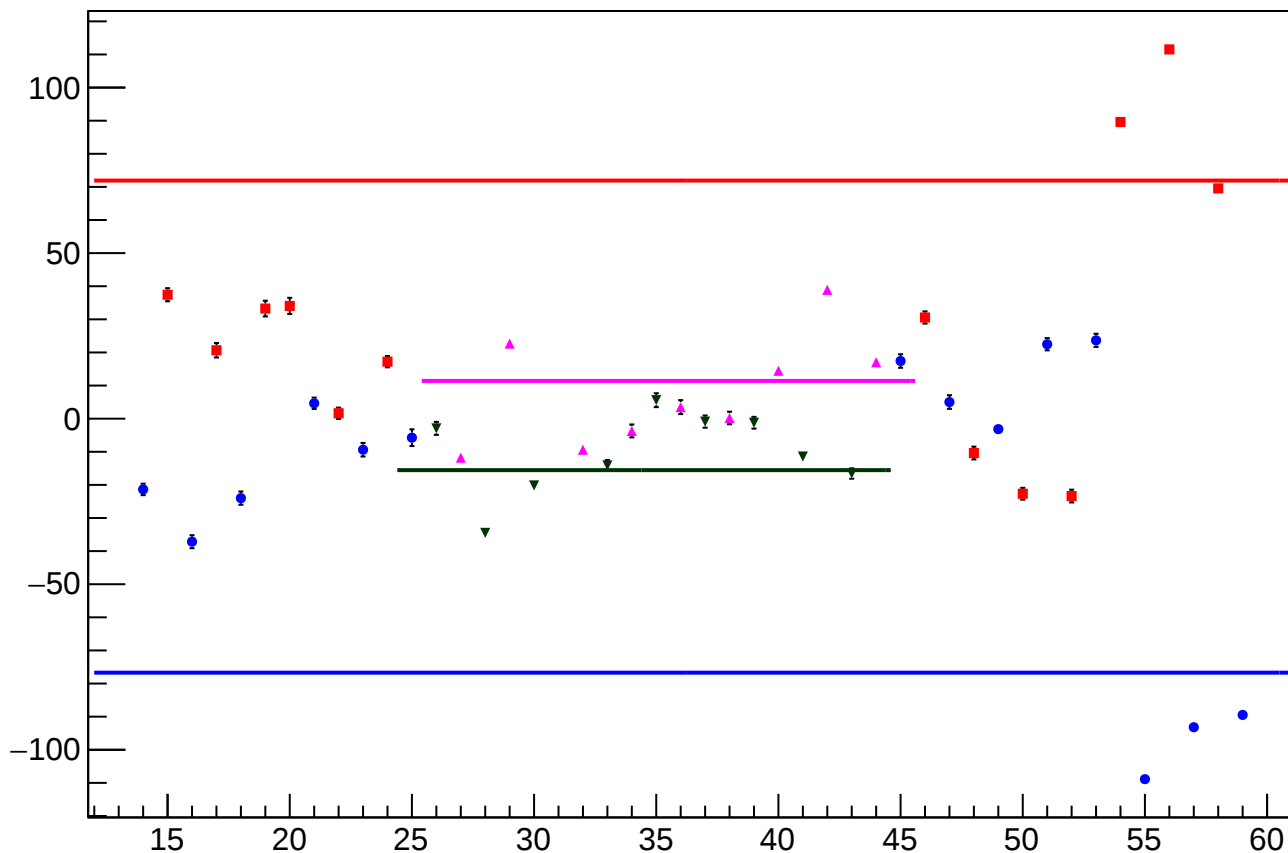
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.598 $\pm$ 0.011 χ^2 /NDF: 6256207.0/12

Right Out: 29.778 $\pm$ 0.017 χ^2 /NDF: 2843835.9/5

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -76.713 ± 0.256 χ^2/NDF : 24808.8/13

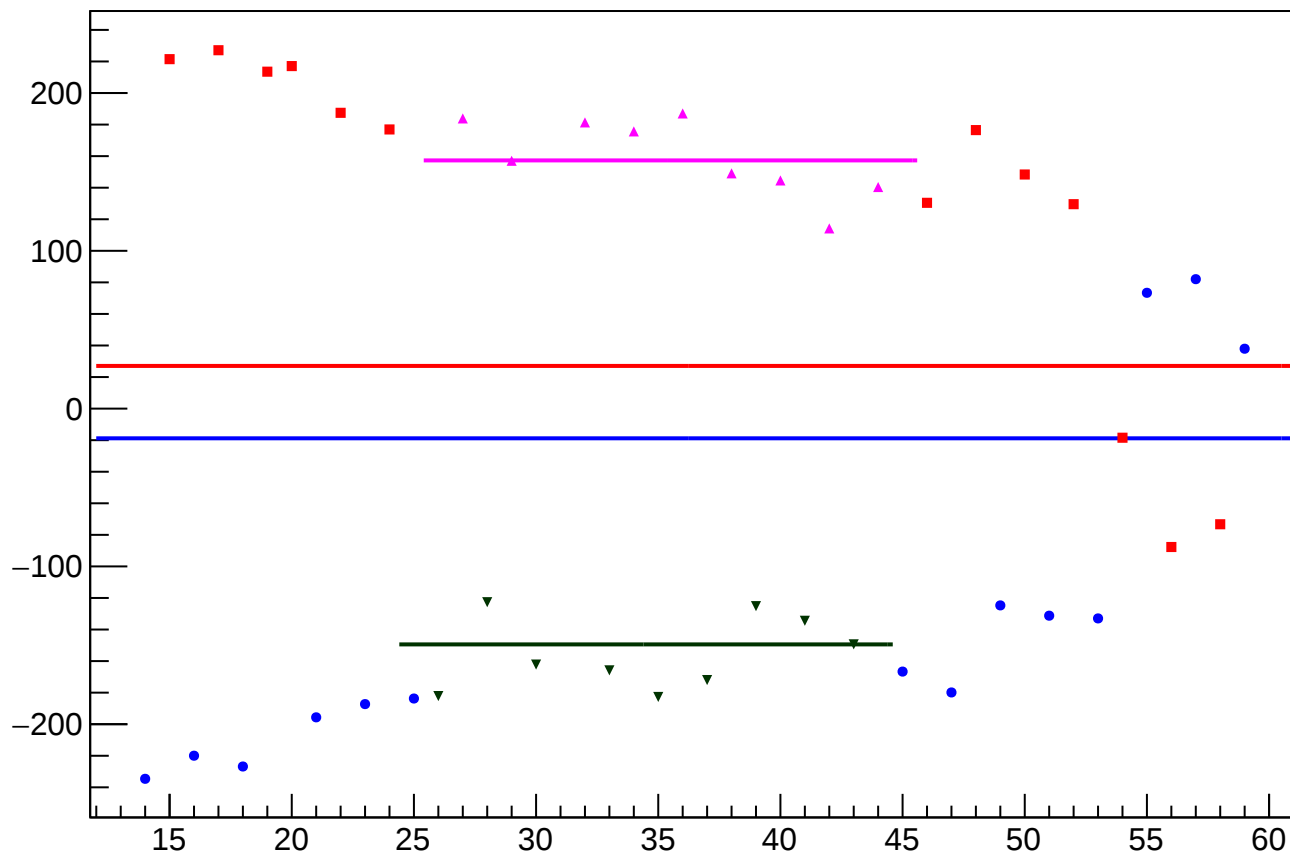
Left Out: -15.543 ± 0.522 χ^2/NDF : 604.1/8

Right Out: 71.917 ± 0.306 χ^2/NDF : 17788.9/12

Left In: 11.401 ± 0.495 χ^2/NDF : 1211.6/8

-12.171 ± 0.172 χ^2/NDF : 185944.8/44

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -18.819 $\pm$ 0.250 χ^2 /NDF: 217493.9/13

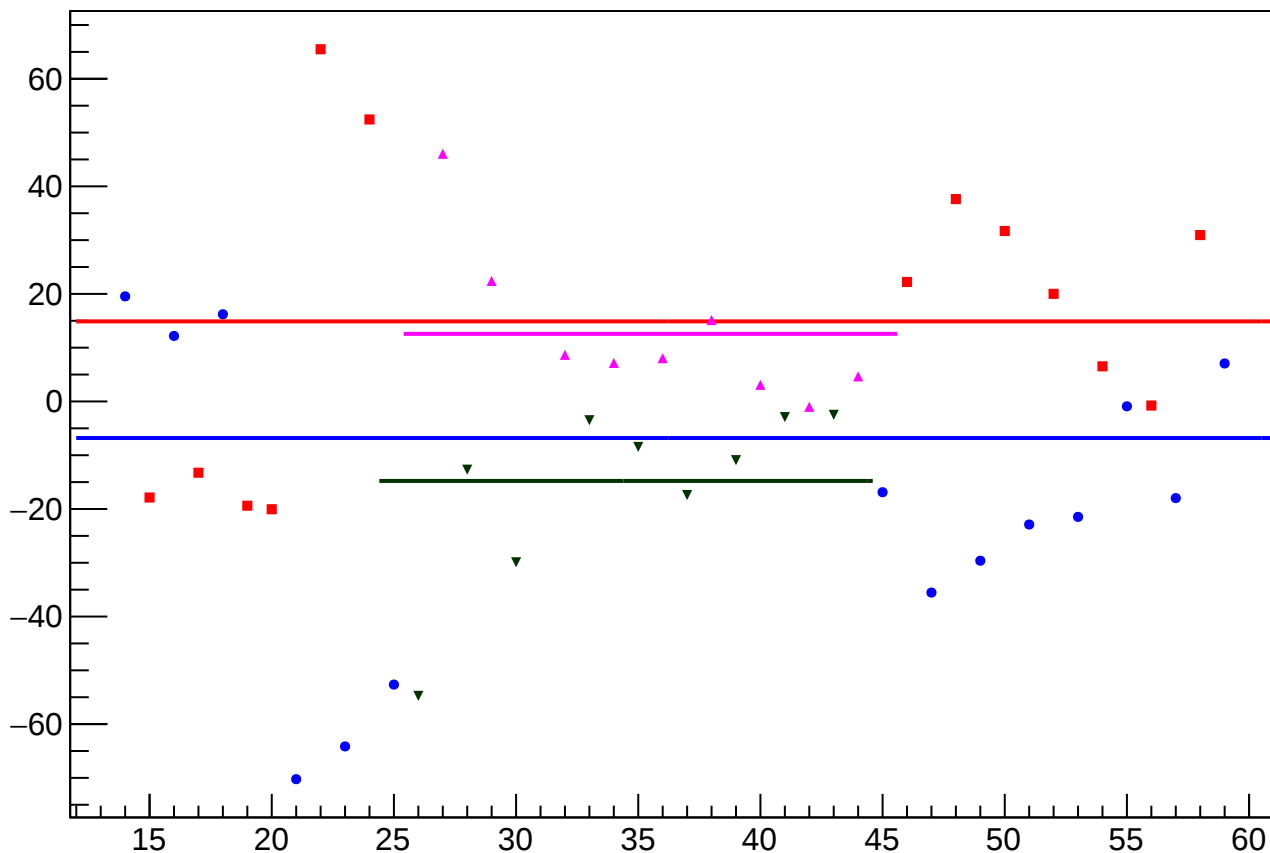
Left Out: -149.424 $\pm$ 0.396 χ^2 /NDF: 3200.7/8

Right Out: 27.056 $\pm$ 0.292 χ^2 /NDF: 176739.6/12

Left In: 157.298 $\pm$ 0.365 χ^2 /NDF: 4330.4/8

5.777 $\pm$ 0.155 χ^2 /NDF: 742399.1/44

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -6.798 ± 0.045 $\chi^2/\text{NDF}: 160597.3/13$

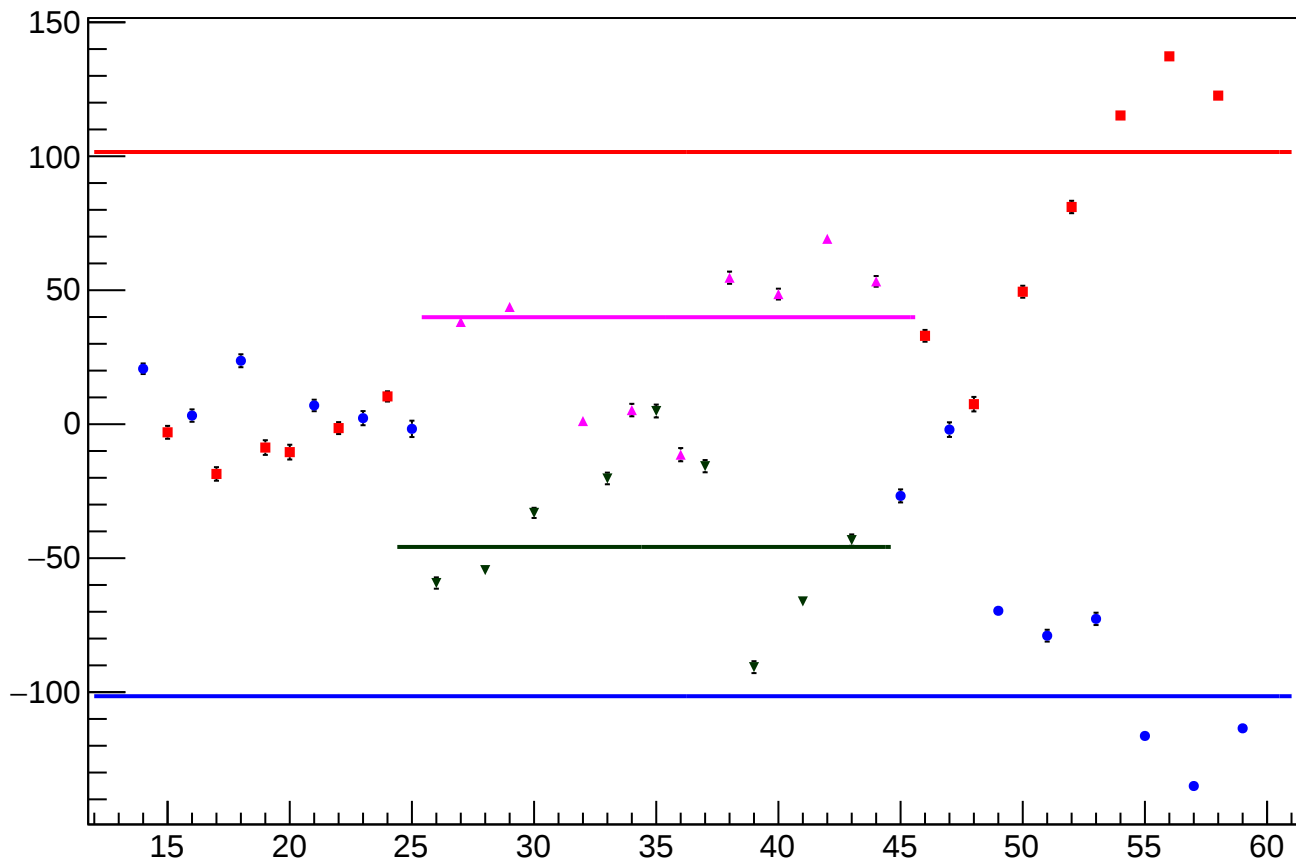
Left Out: -14.780 ± 0.088 $\chi^2/\text{NDF}: 26305.9/8$

Right Out: 14.888 ± 0.053 $\chi^2/\text{NDF}: 130954.0/12$

Left In: 12.566 ± 0.085 $\chi^2/\text{NDF}: 25284.3/8$

1.569 ± 0.030 $\chi^2/\text{NDF}: 491158.2/44$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -101.512 $\pm$ 0.296 χ^2 /NDF: 20402.2/13

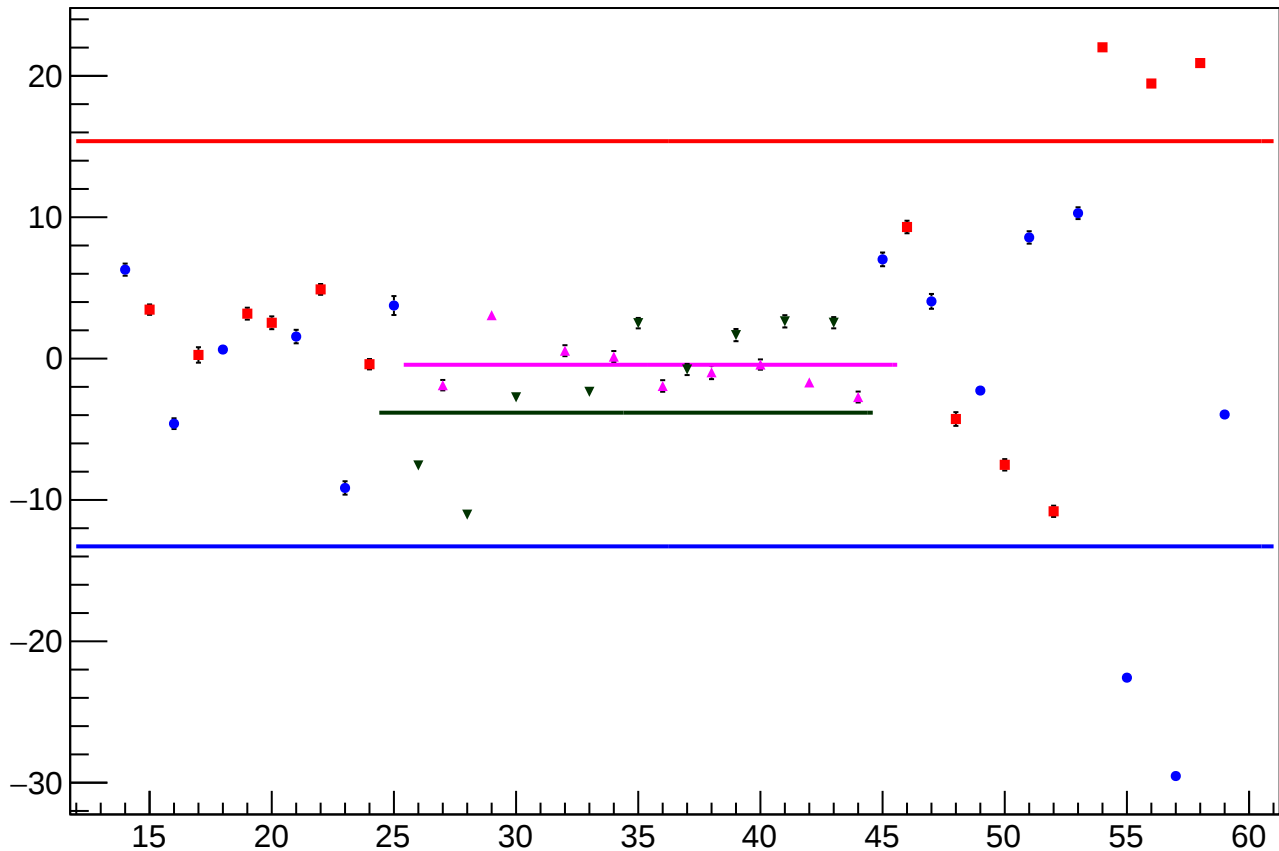
Left Out: -45.805 $\pm$ 0.636 χ^2 /NDF:1422.6/8

-15.145 $\pm$ 0.202 χ^2 /NDF: 243788.7/44

Right Out: 101.583 $\pm$ 0.360 χ^2 /NDF: 19061.1/12

Left In: 39.933 $\pm$ 0.586 χ^2 /NDF:1674.5/8

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -13.284 ± 0.055 $\chi^2/\text{NDF}: 50385.7/13$

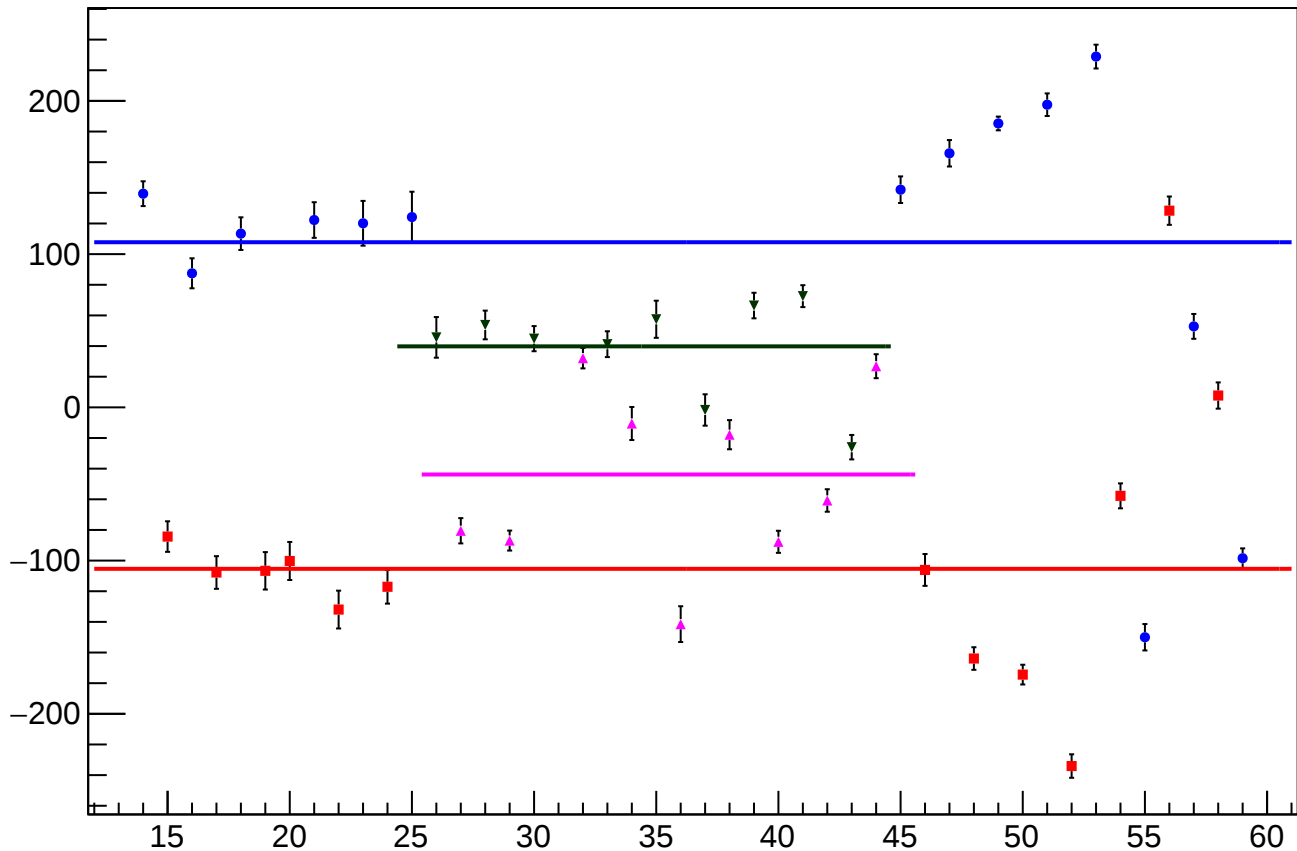
Left Out: -3.826 ± 0.112 $\chi^2/\text{NDF}: 2297.6/8$

Right Out: 15.381 ± 0.066 $\chi^2/\text{NDF}: 20048.6/12$

Left In: -0.437 ± 0.122 $\chi^2/\text{NDF}: 230.2/8$

-1.566 ± 0.038 $\chi^2/\text{NDF}: 184820.4/44$

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 107.769 ± 2.159 χ^2/NDF : 2743.7/13

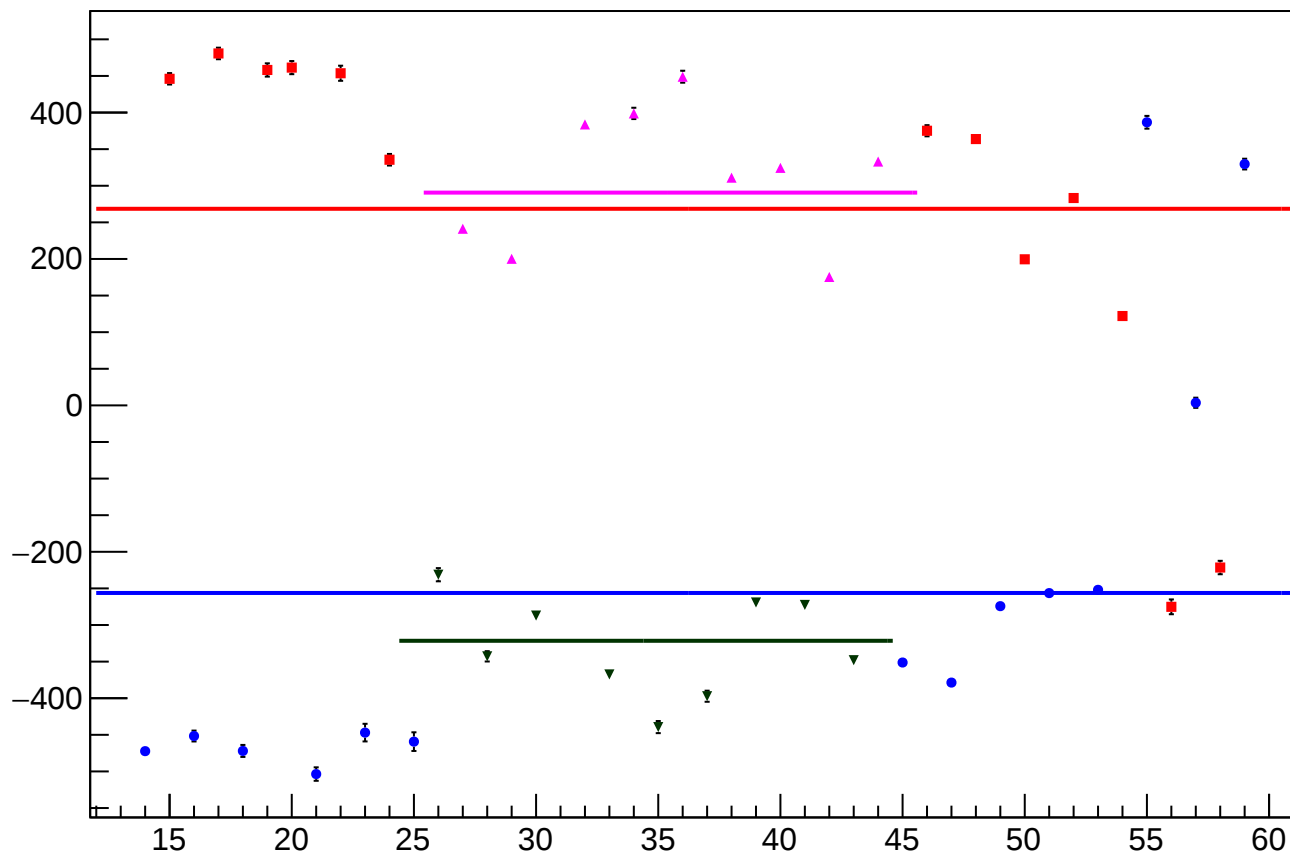
Left Out: 39.807 ± 2.987 χ^2/NDF : 120.7/8

7.879 ± 1.265 χ^2/NDF : 9223.1/44

Right Out: -105.366 ± 2.531 χ^2/NDF : 1318.7/12

Left In: -43.811 ± 2.656 χ^2/NDF : 403.9/8

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -256.224+/-1.743 χ^2/NDF : 17720.0/13

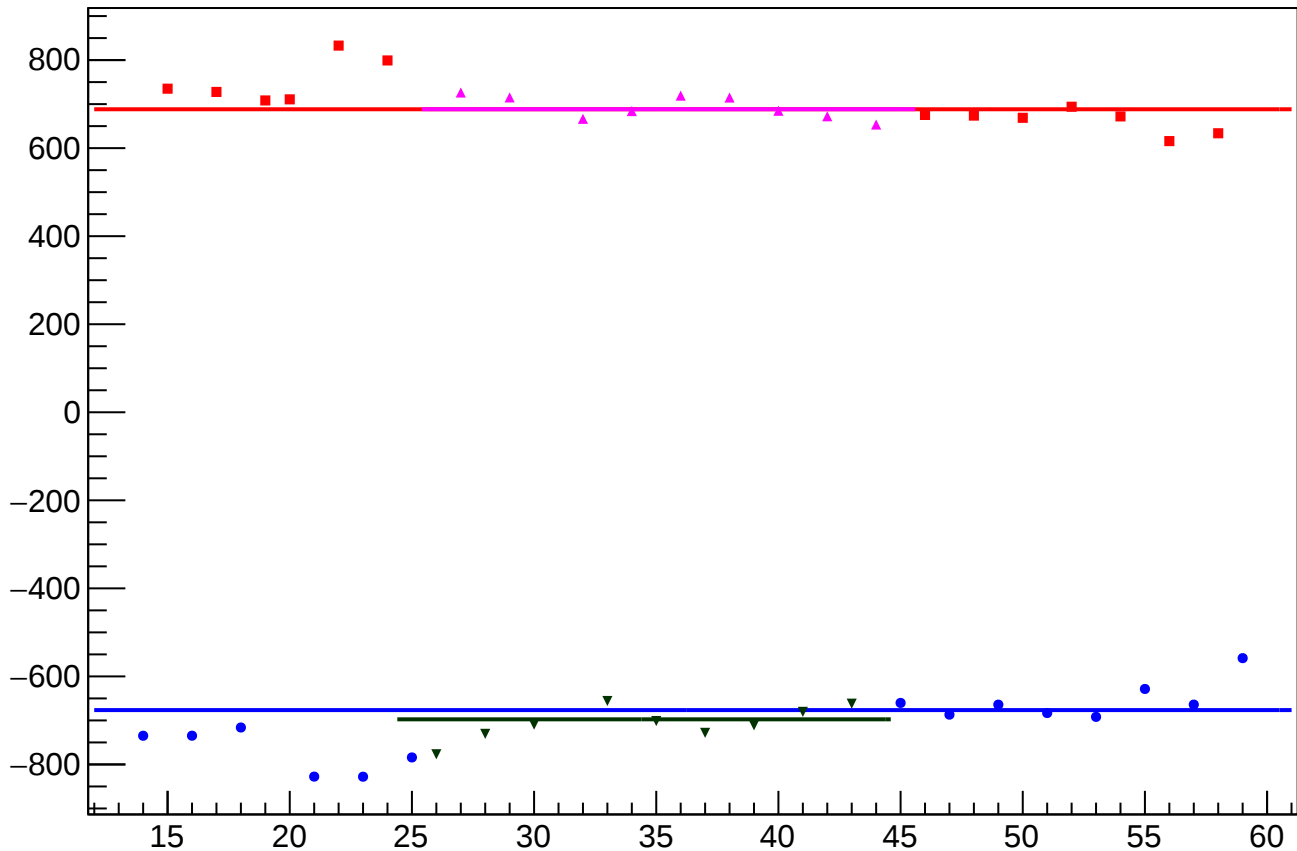
Left Out: -321.559+/-2.226 χ^2/NDF : 672.6/8

Right Out: 268.536+/-1.978 χ^2/NDF : 9588.6/12

Left In: 290.636+/-1.943 χ^2/NDF : 1886.8/8

-3.508+/-0.975 χ^2/NDF : 113121.7/44

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -676.523+/-0.395 χ^2/NDF : 24863.0/13

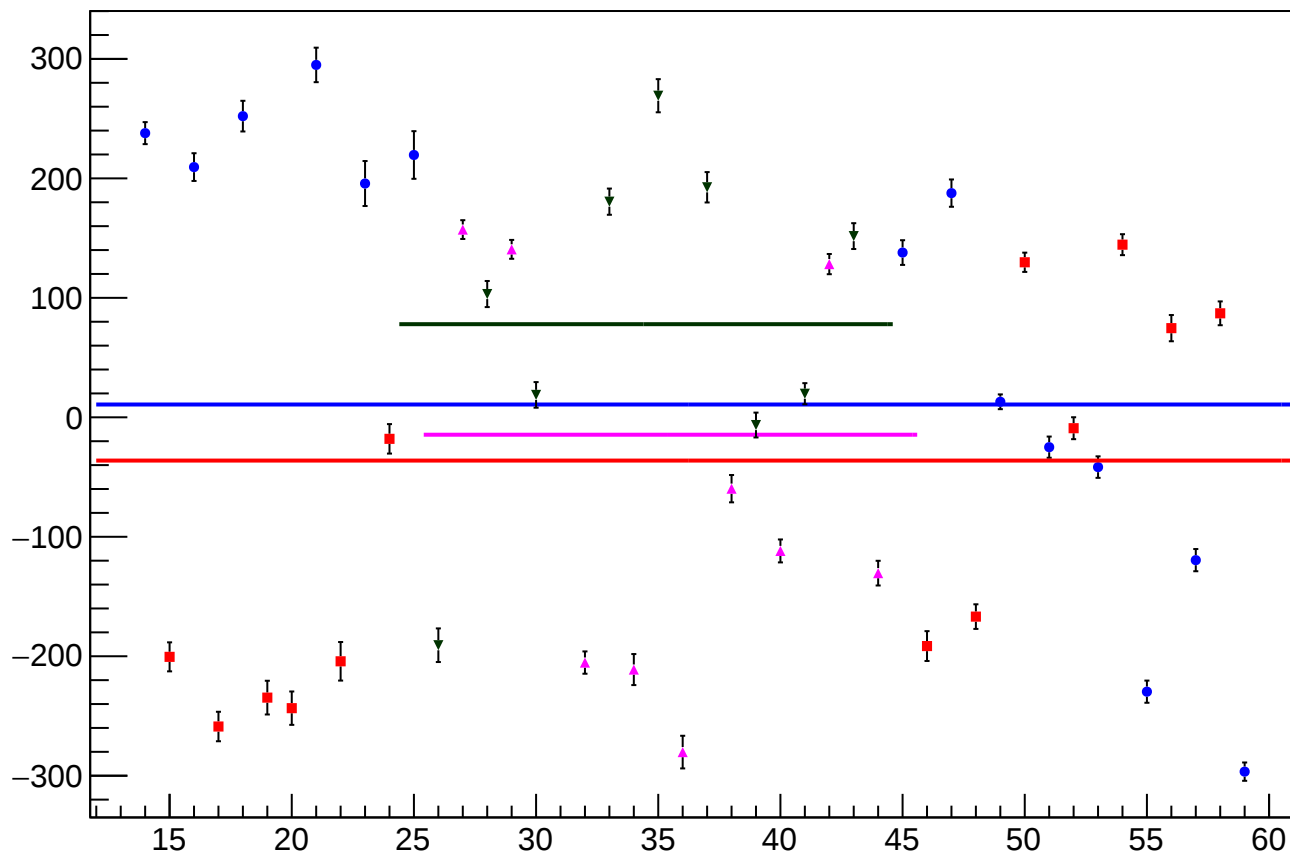
Left Out: -697.498+/-0.500 χ^2/NDF : 4190.1/8

Right Out: 688.309+/-0.452 χ^2/NDF : 12420.8/12

Left In: 688.429+/-0.456 χ^2/NDF : 2965.5/8

-22.642+/-0.223 χ^2/NDF : 9514145.9/44

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 10.723 ± 2.637 χ^2/NDF : 4764.1/13

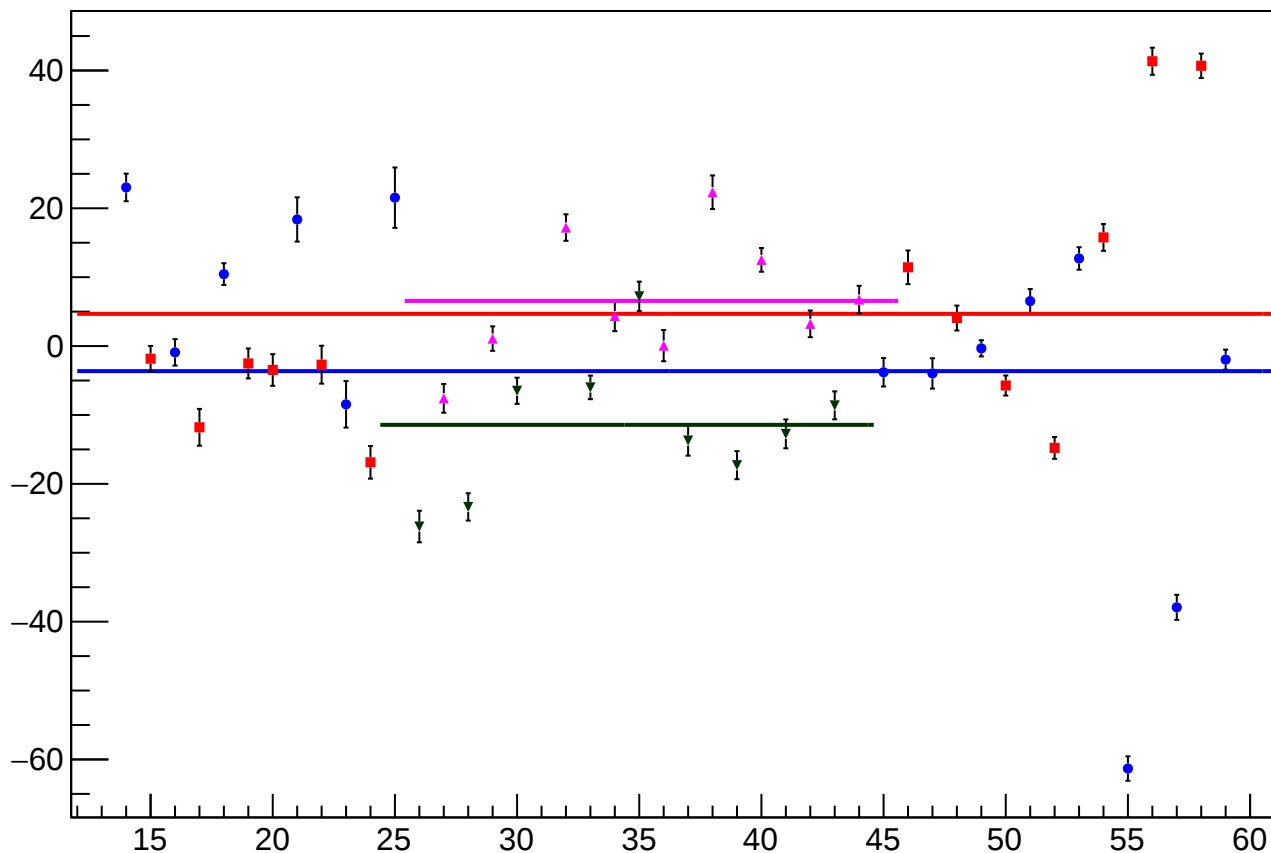
Left Out: -77.958 ± 3.716 χ^2/NDF : 915.0/8

Right Out: -36.204 ± 3.038 χ^2/NDF : 2463.2/12

Left In: -14.568 ± 3.215 χ^2/NDF : 2415.4/8

4.405 ± 1.541 χ^2/NDF : 11168.8/44

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.637 ± 0.493 χ^2/NDF : 1892.4/13

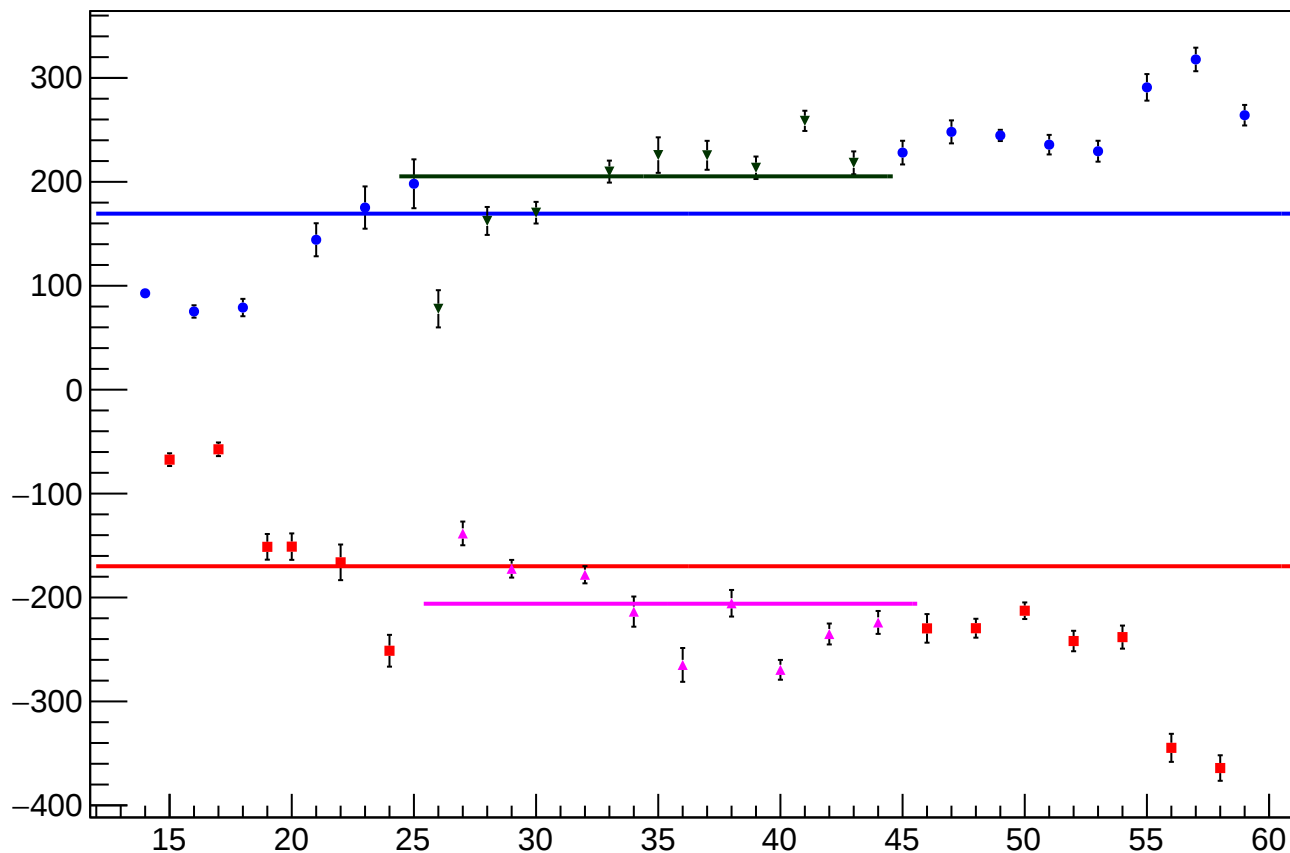
Left Out: -11.434 ± 0.674 χ^2/NDF : 182.4/8

Right Out: 4.679 ± 0.548 χ^2/NDF : 1167.7/12

Left In: 6.549 ± 0.668 χ^2/NDF : 152.2/8

-0.832 ± 0.290 χ^2/NDF : 3897.9/44

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 169.392 ± 2.253 $\chi^2/\text{NDF}: 1380.4/13$

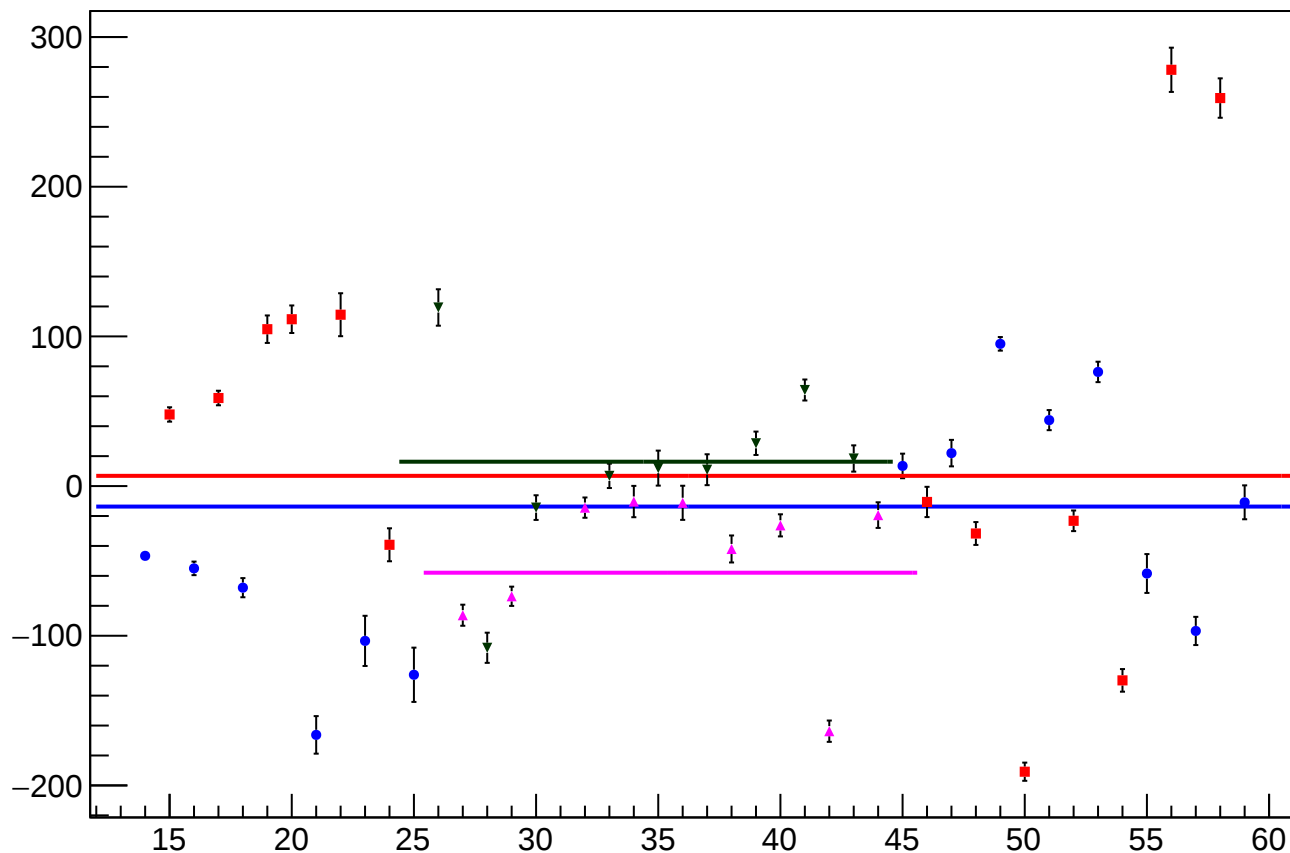
Left Out: 205.287 ± 3.993 $\chi^2/\text{NDF}: 108.0/8$

Right Out: -169.925 ± 2.734 $\chi^2/\text{NDF}: 1206.2/12$

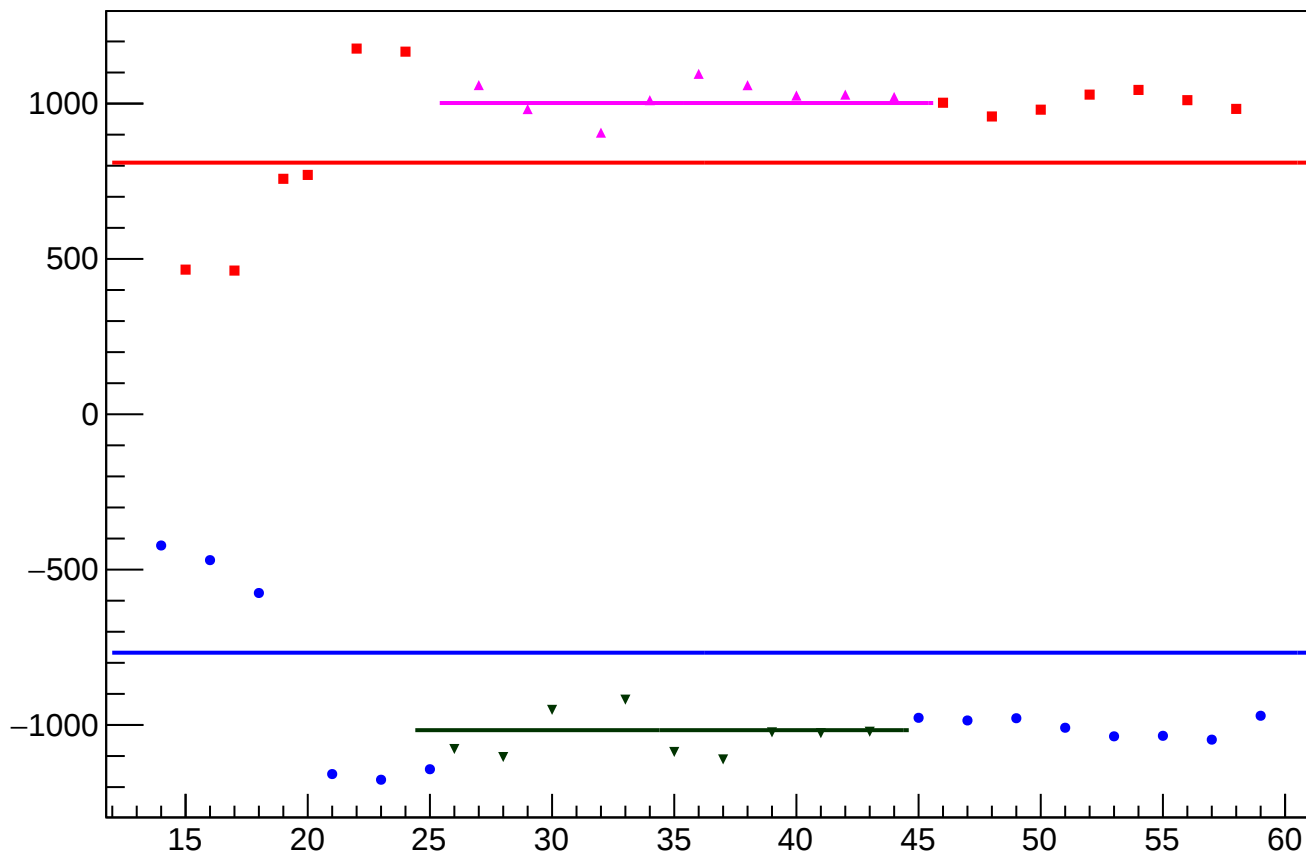
Left In: -205.988 ± 3.539 $\chi^2/\text{NDF}: 131.2/8$

14.943 ± 1.453 $\chi^2/\text{NDF}: 18269.7/44$

reg_asym_sam3_diff_bpm4aY_slope vs slug



reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -767.408+/-0.423 χ^2/NDF : 437193.0/13

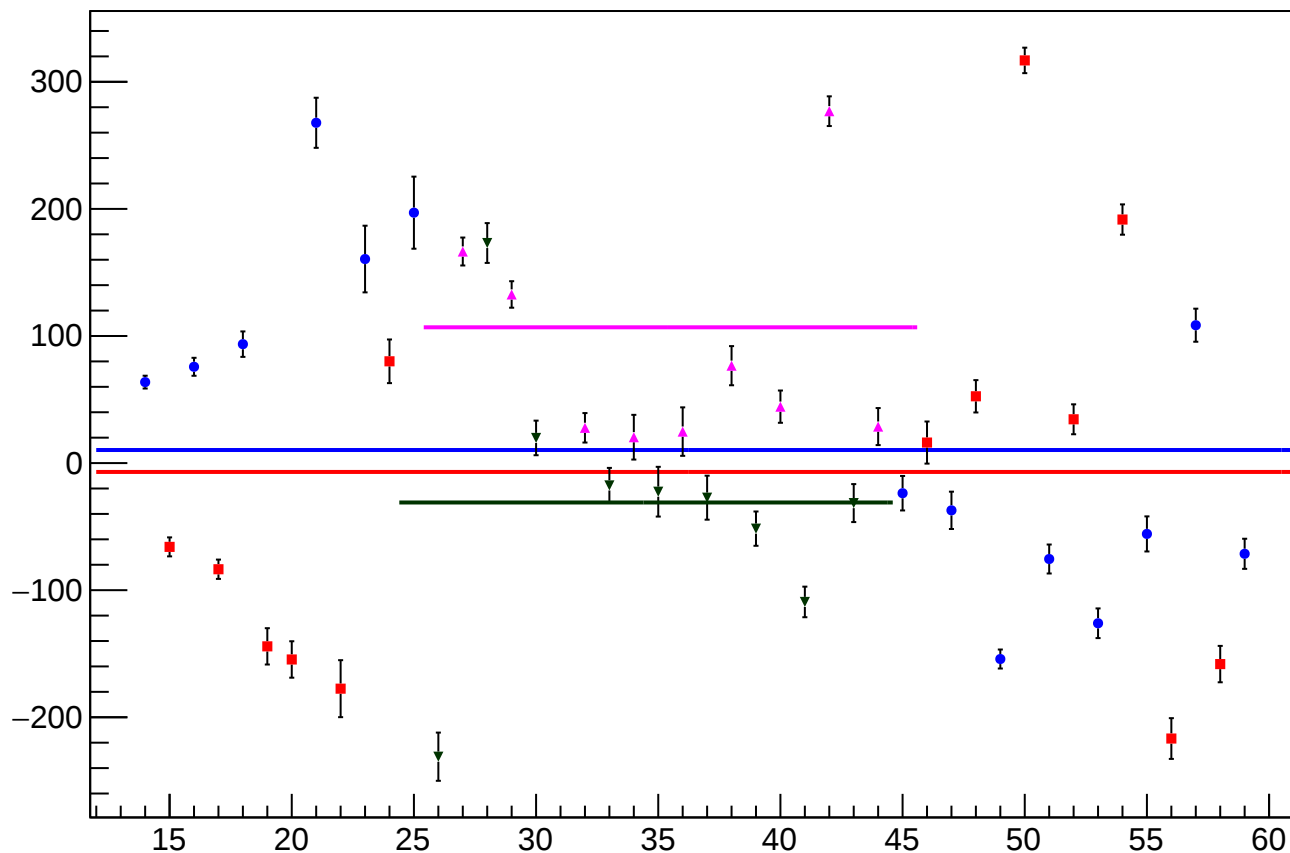
Left Out: -1016.757+/-0.666 χ^2/NDF : 9085.0/8

Right Out: 809.909+/-0.502 χ^2/NDF : 265522.2/12

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-44.407+/-0.262 χ^2/NDF : 11641050.0/44

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 10.288+/-2.713 χ^2 /NDF: 1335.0/13

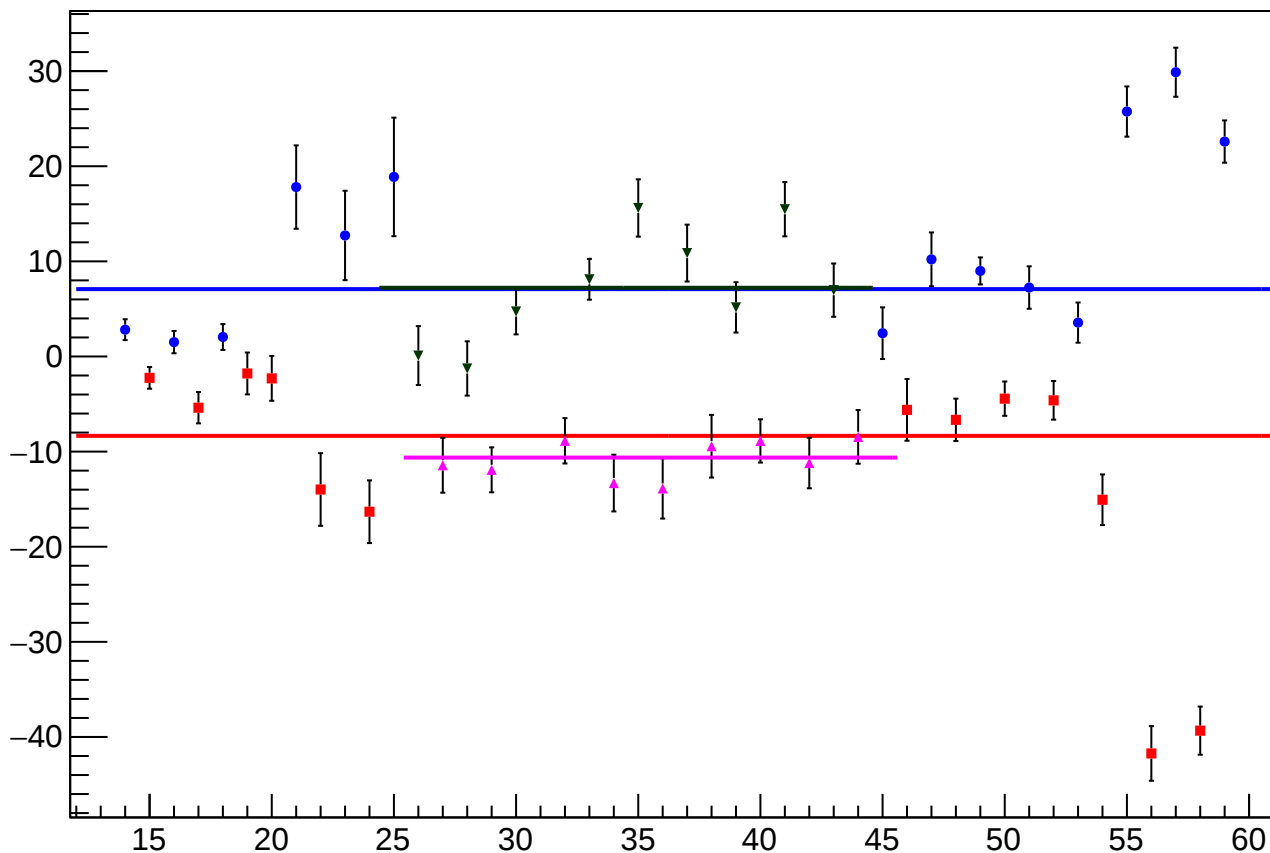
Left Out: -31.002+/-4.978 χ^2 /NDF: 340.9/8

Right Out: -6.970+/-3.277 χ^2 /NDF: 2084.9/12

Left In: 106.838+/-4.330 χ^2 /NDF: 393.2/8

16.103+/-1.760 χ^2 /NDF: 4737.0/44

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 7.081 ± 0.506 χ^2/NDF : 247.9/13

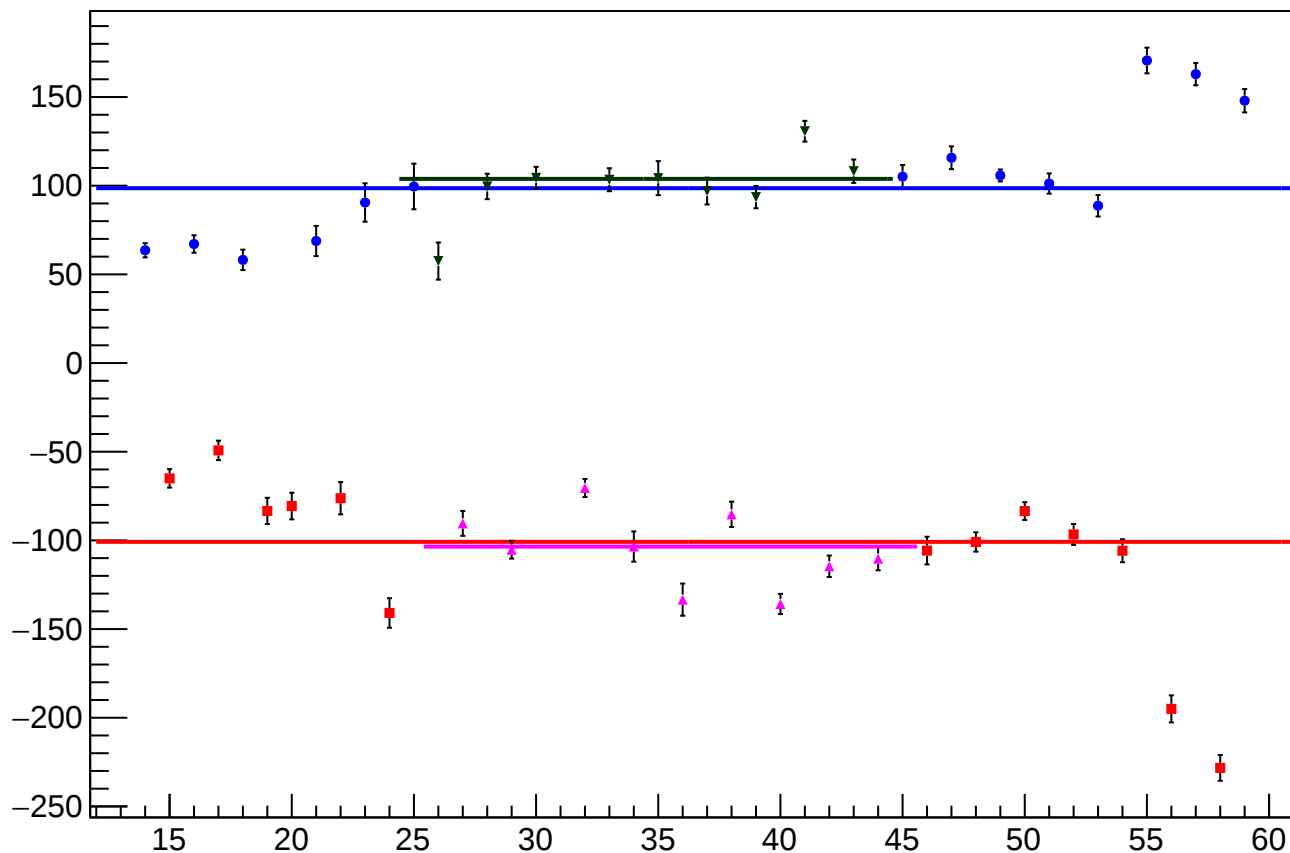
Left Out: 7.222 ± 0.901 χ^2/NDF : 33.6/8

-0.141 ± 0.327 χ^2/NDF : 1246.8/44

Right Out: -8.345 ± 0.582 χ^2/NDF : 355.8/12

Left In: -10.629 ± 0.898 χ^2/NDF : 4.1/8

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 98.582+/-1.537 χ^2/NDF : 453.9/13

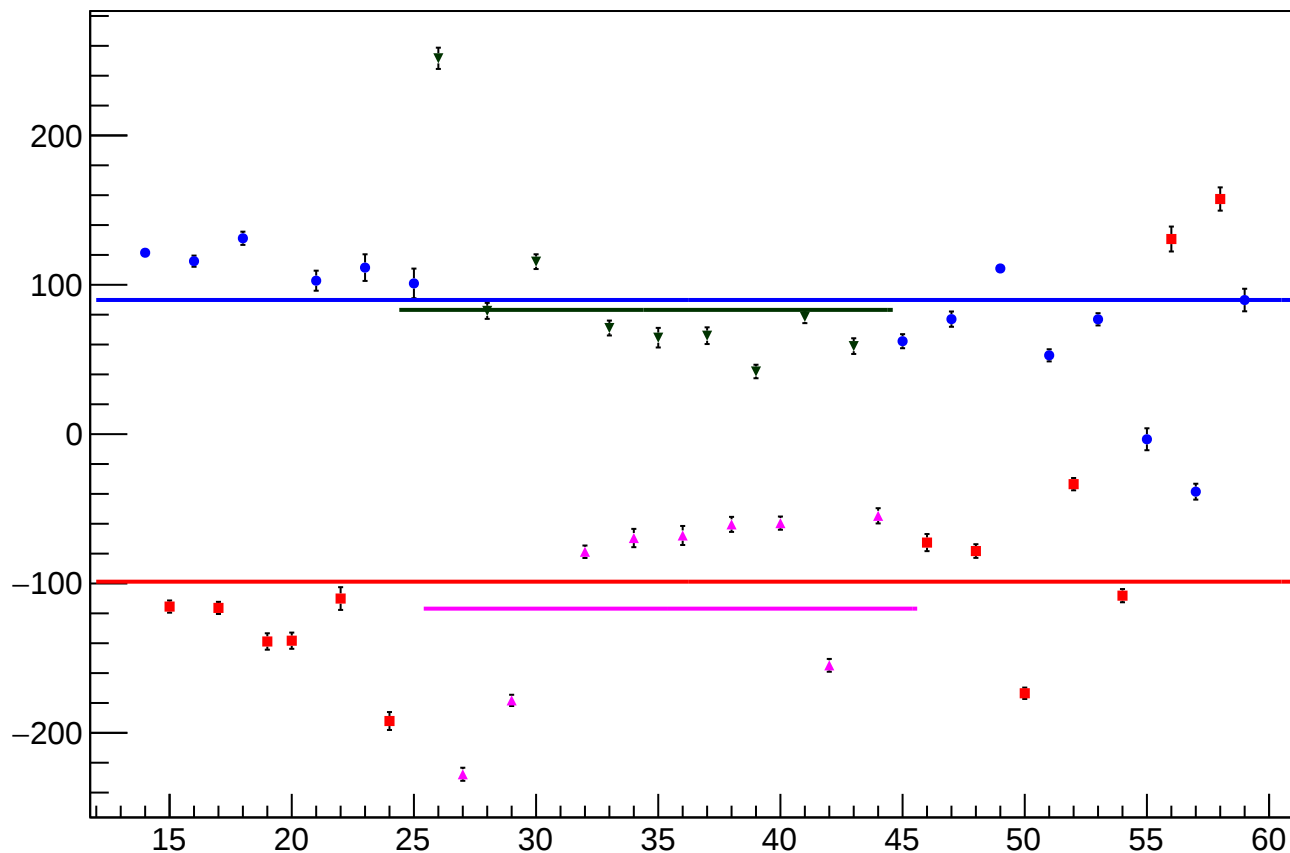
Left Out: 103.848+/-2.331 χ^2/NDF : 44.9/8

Right Out: -100.815+/-1.792 χ^2/NDF : 652.6/12

Left In: -103.503+/-2.108 χ^2/NDF : 99.4/8

5.376+/-0.935 χ^2/NDF : 12892.2/44

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 89.841 $\pm$ 1.208 χ^2 /NDF: 1196.9/13

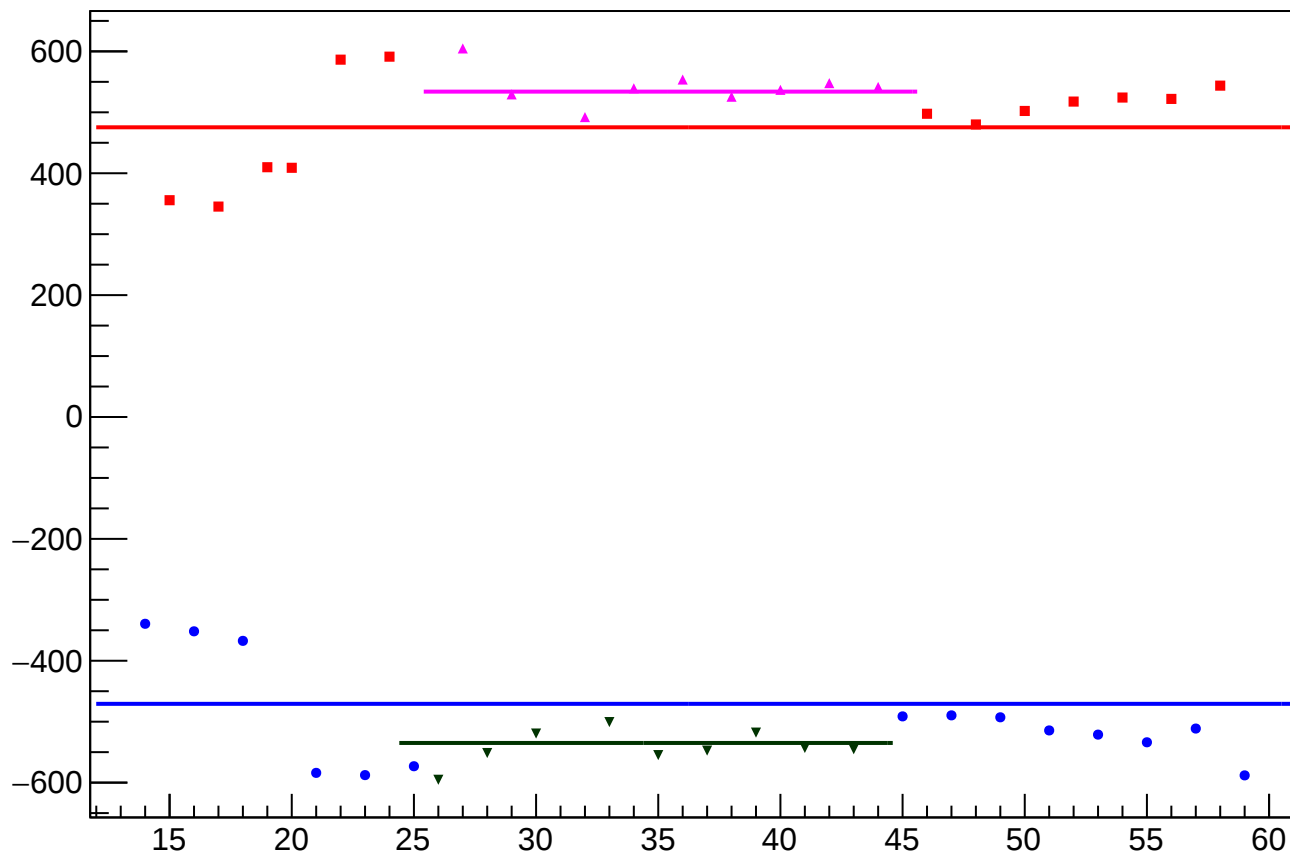
Left Out: 83.201 $\pm$ 1.736 χ^2 /NDF: 731.5/8

Right Out: -98.780 $\pm$ 1.386 χ^2 /NDF: 2904.5/12

Left In: -116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

-5.463 $\pm$ 0.716 χ^2 /NDF: 24976.6/44

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -470.711+/-0.284 χ^2/NDF : 83390.7/13

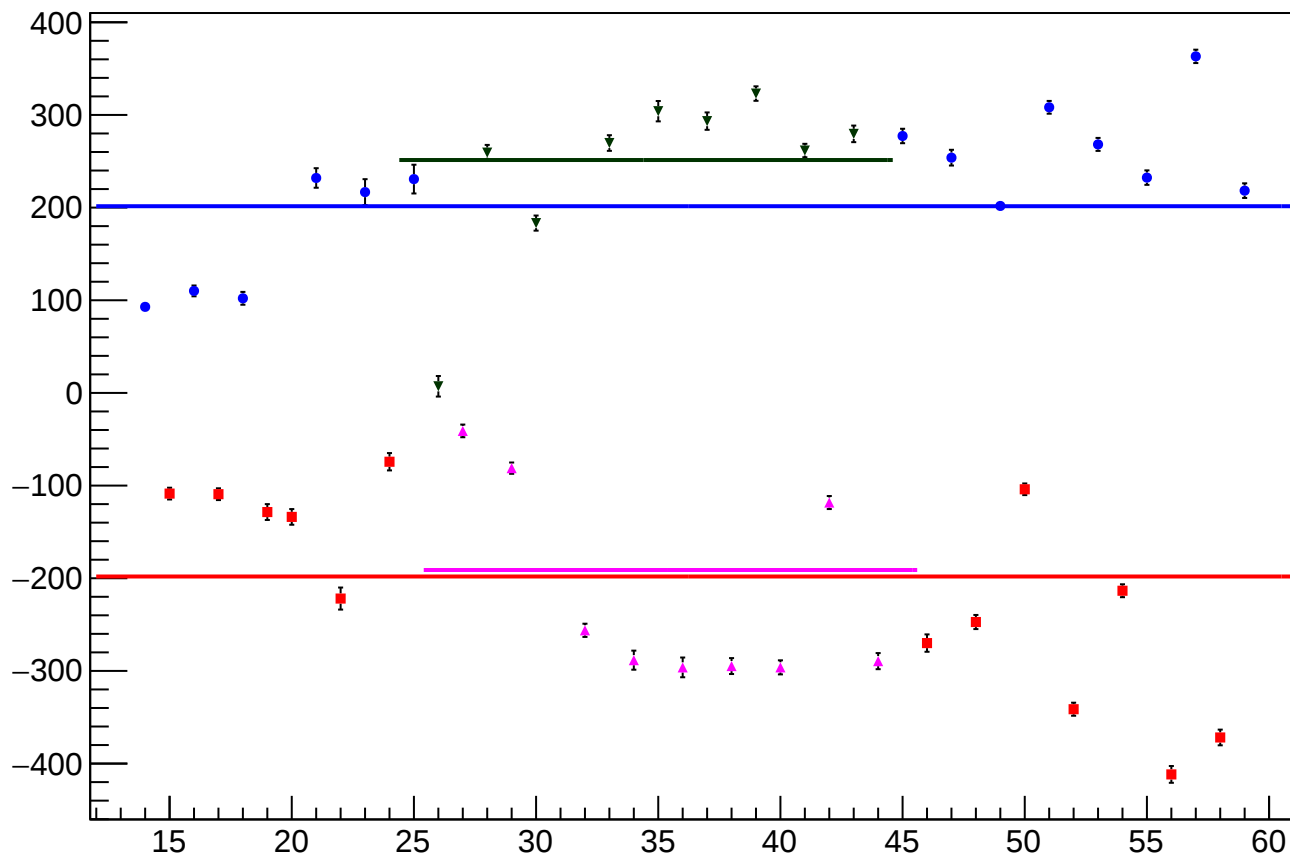
Left Out: -534.901+/-0.389 χ^2/NDF : 3490.3/8

Right Out: 475.395+/-0.325 χ^2/NDF : 52517.8/12

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-20.594+/-0.166 χ^2/NDF : 9093411.7/44

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 201.498+/-1.871 χ^2/NDF : 2011.5/13

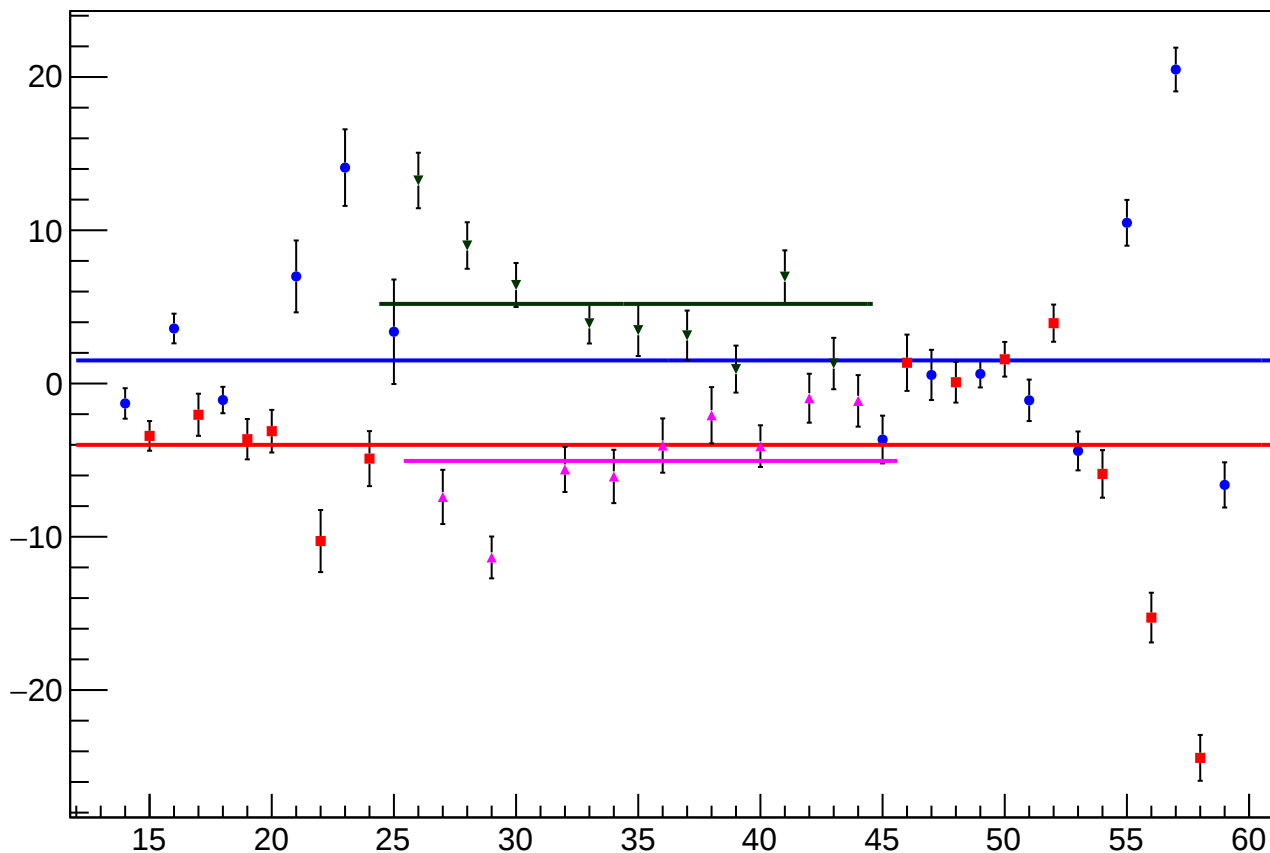
Left Out: 251.350+/-2.897 χ^2/NDF : 698.7/8

Right Out: -198.103+/-2.149 χ^2/NDF : 2417.6/12

Left In: -191.089+/-2.577 χ^2/NDF : 1650.2/8

20.521+/-1.138 χ^2/NDF : 39577.7/44

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 1.507 ± 0.343 χ^2/NDF : 333.9/13

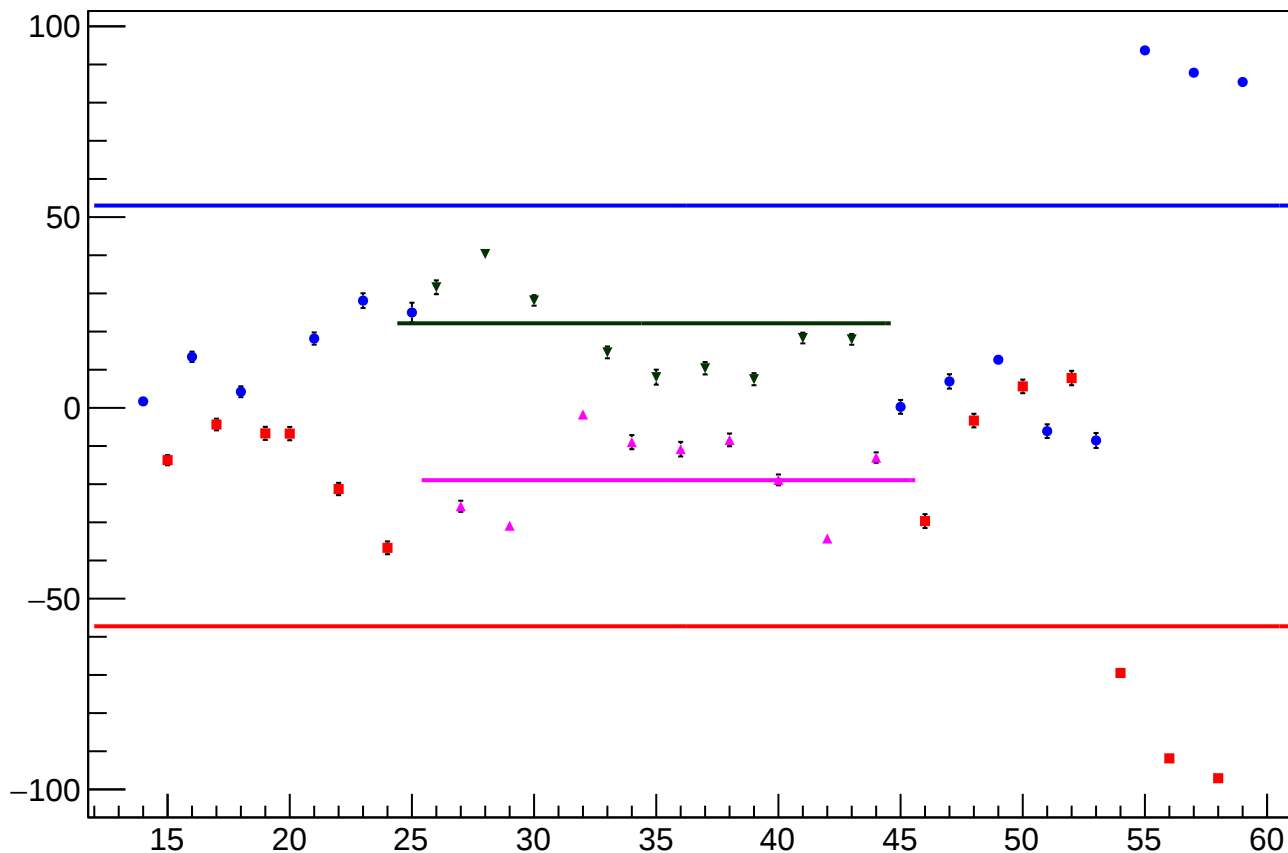
Left Out: 5.196 ± 0.523 χ^2/NDF : 44.5/8

Right Out: -4.003 ± 0.383 χ^2/NDF : 334.1/12

Left In: -5.051 ± 0.531 χ^2/NDF : 39.0/8

-0.596 ± 0.211 χ^2/NDF : 1061.0/44

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 53.027 $\pm$ 0.317 χ^2 /NDF: 16662.9/13

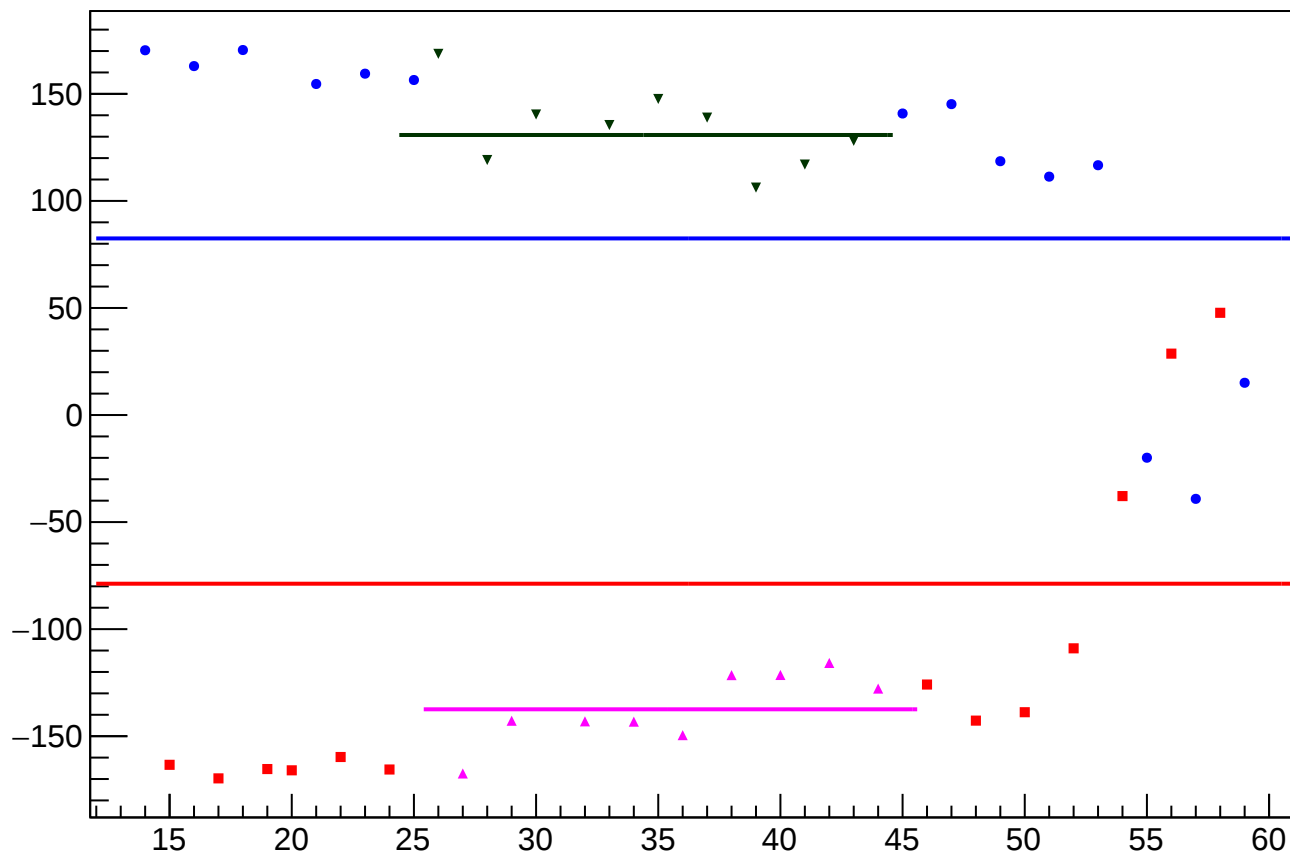
Left Out: 22.164 $\pm$ 0.492 χ^2 /NDF: 550.6/8

1.526 $\pm$ 0.192 χ^2 /NDF: 91648.8/44

Right Out: -57.243 $\pm$ 0.341 χ^2 /NDF: 14068.5/12

Left In: -18.948 $\pm$ 0.468 χ^2 /NDF: 590.1/8

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 82.484 $\pm$ 0.282 χ^2 /NDF: 88002.2/13

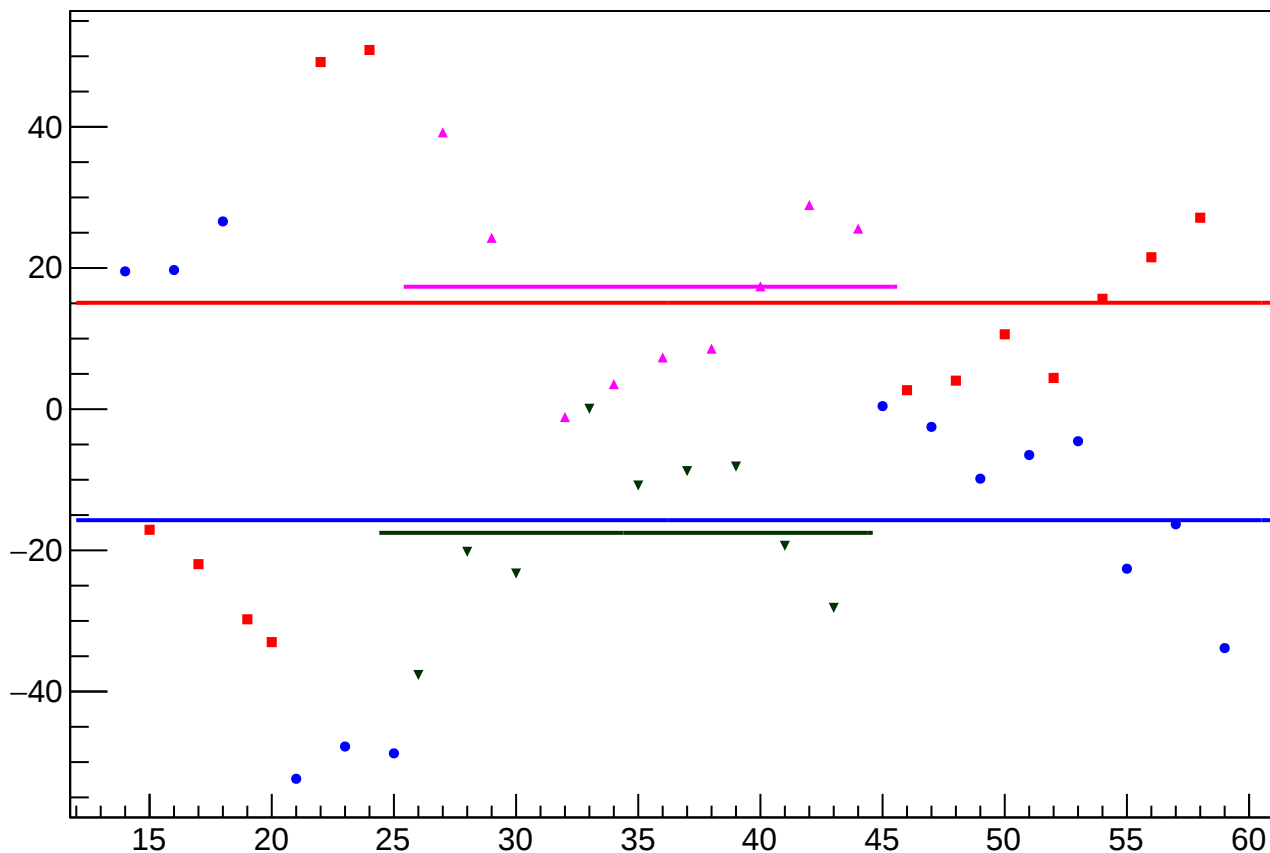
Left Out: 130.793 $\pm$ 0.372 χ^2 /NDF: 2039.0/8

Right Out: -78.783 $\pm$ 0.304 χ^2 /NDF: 87289.3/12

Left In: -137.444 $\pm$ 0.345 χ^2 /NDF: 2221.9/8

-0.549 $\pm$ 0.160 χ^2 /NDF: 614183.0/44

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -15.726 $\pm$ 0.056 χ^2/NDF : 124690.1/13

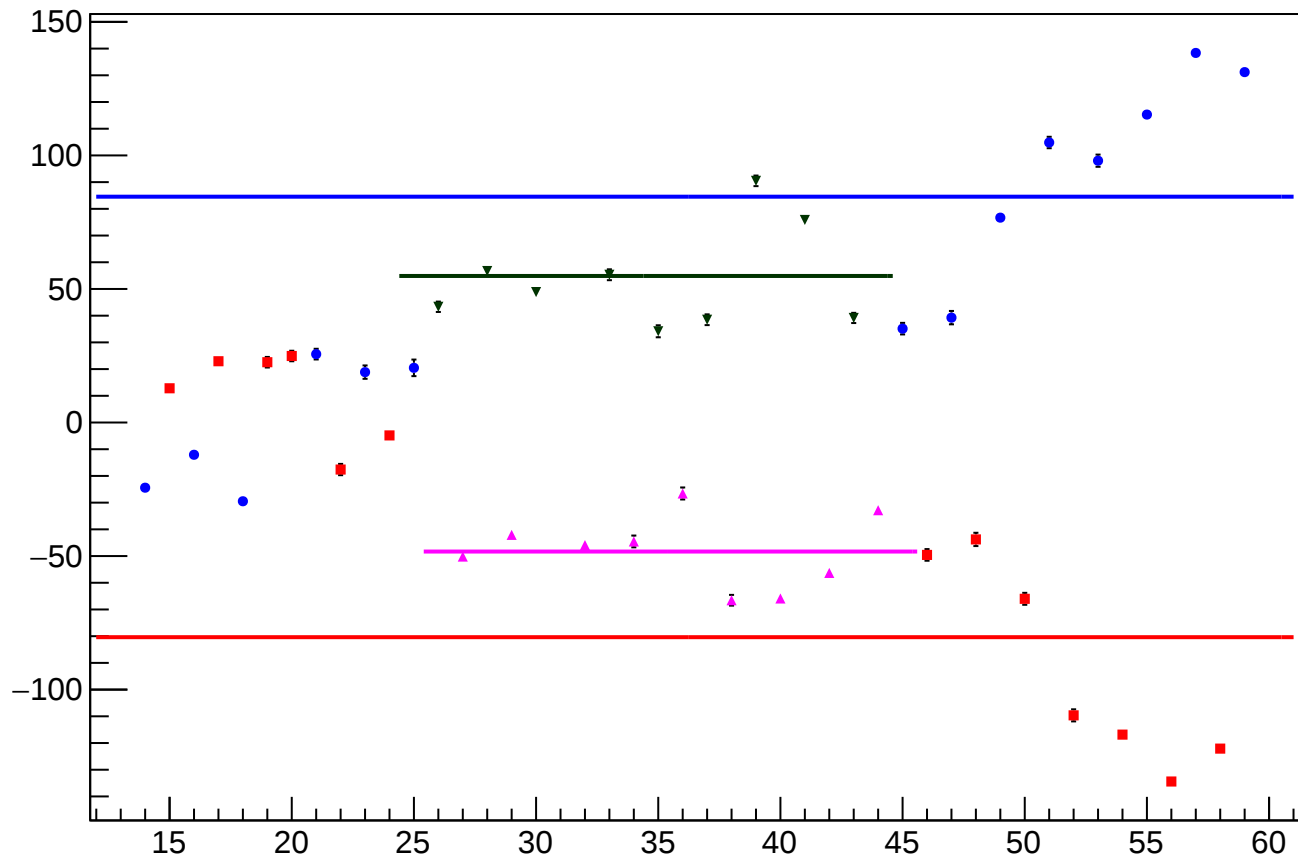
Left Out: -17.516 $\pm$ 0.083 χ^2/NDF : 15652.4/8

Right Out: 15.079 $\pm$ 0.060 χ^2/NDF : 113366.6/12

Left In: 17.353 $\pm$ 0.080 χ^2/NDF : 25925.9/8

-0.709 $\pm$ 0.033 χ^2/NDF : 511348.9/44

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 84.551 $\pm$ 0.371 χ^2 /NDF: 25933.1/13

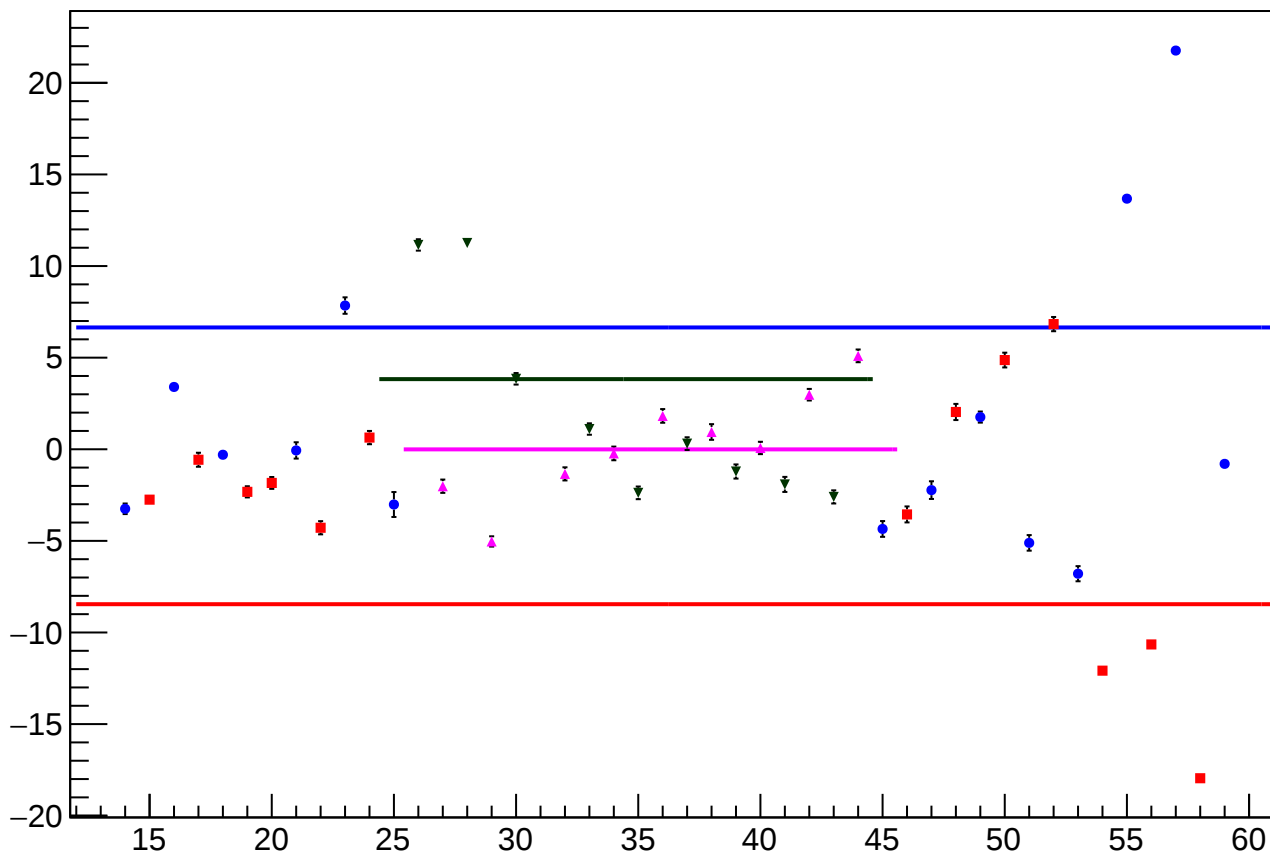
Left Out: 54.868 $\pm$ 0.603 χ^2 /NDF: 735.8/8

Right Out: -80.374 $\pm$ 0.403 χ^2 /NDF: 23056.1/12

Left In: -48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

6.017 $\pm$ 0.228 χ^2 /NDF: 156661.7/44

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 6.649 ± 0.068 $\chi^2/\text{NDF}: 19360.7/13$

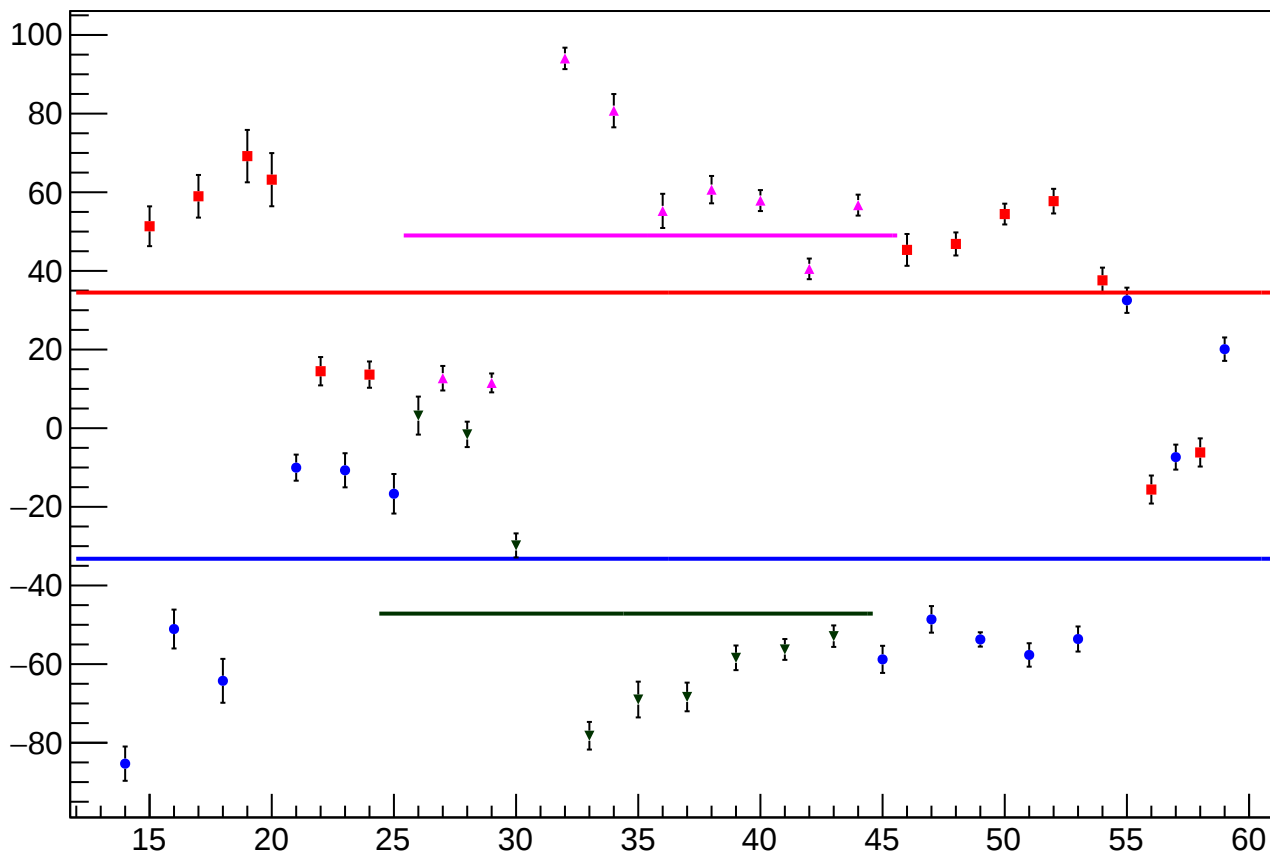
Left Out: 3.828 ± 0.107 $\chi^2/\text{NDF}: 2866.4/8$

Right Out: -8.456 ± 0.072 $\chi^2/\text{NDF}: 10922.9/12$

Left In: -0.006 ± 0.116 $\chi^2/\text{NDF}: 698.4/8$

0.253 ± 0.042 $\chi^2/\text{NDF}: 58303.5/44$

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -33.204 ± 0.877 $\chi^2/\text{NDF}: 1390.3/13$

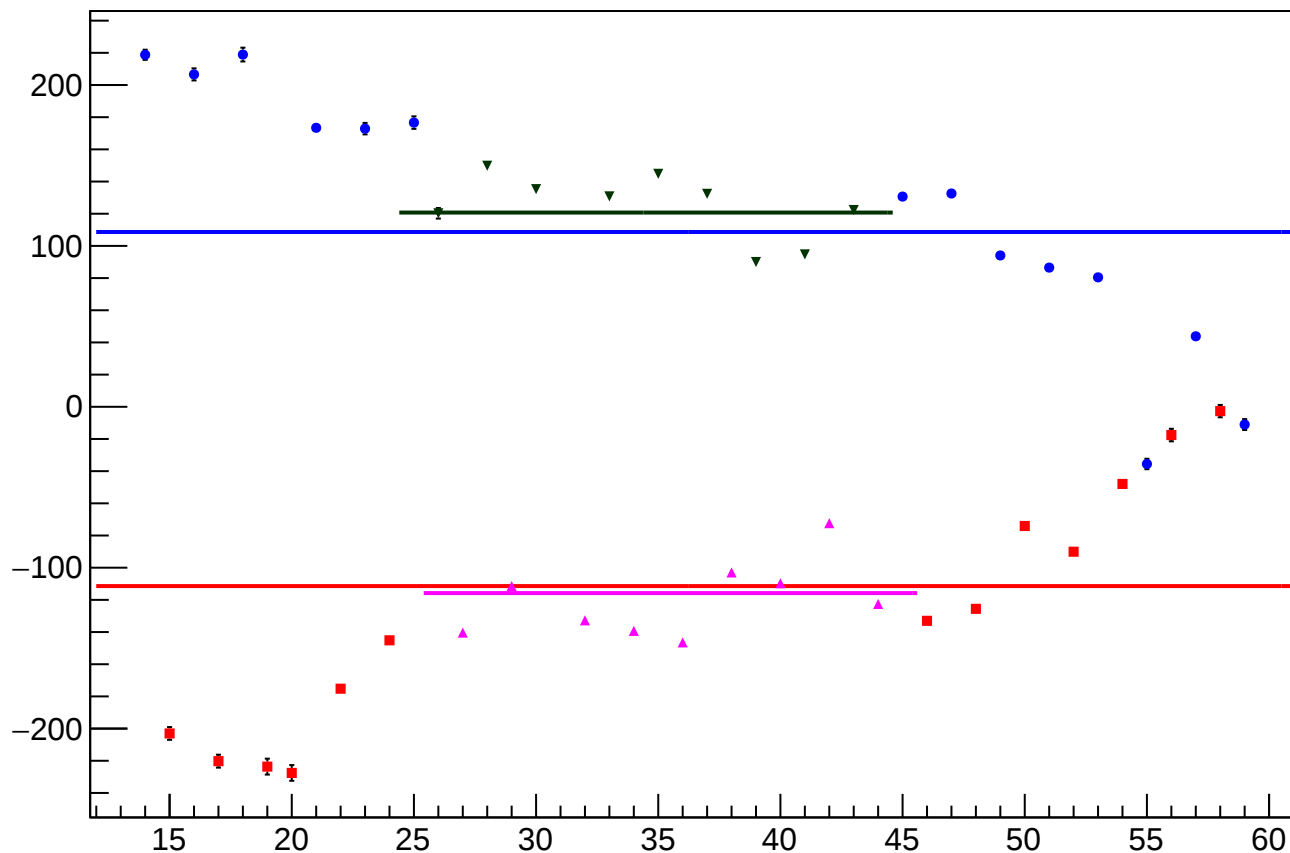
Left Out: -47.154 ± 1.099 $\chi^2/\text{NDF}: 504.0/8$

Right Out: 34.492 ± 1.021 $\chi^2/\text{NDF}: 610.7/12$

Left In: 49.010 ± 0.986 $\chi^2/\text{NDF}: 751.0/8$

0.287 ± 0.493 $\chi^2/\text{NDF}: 10142.5/44$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 108.657 $\pm$ 0.709 χ^2 /NDF: 8081.9/13

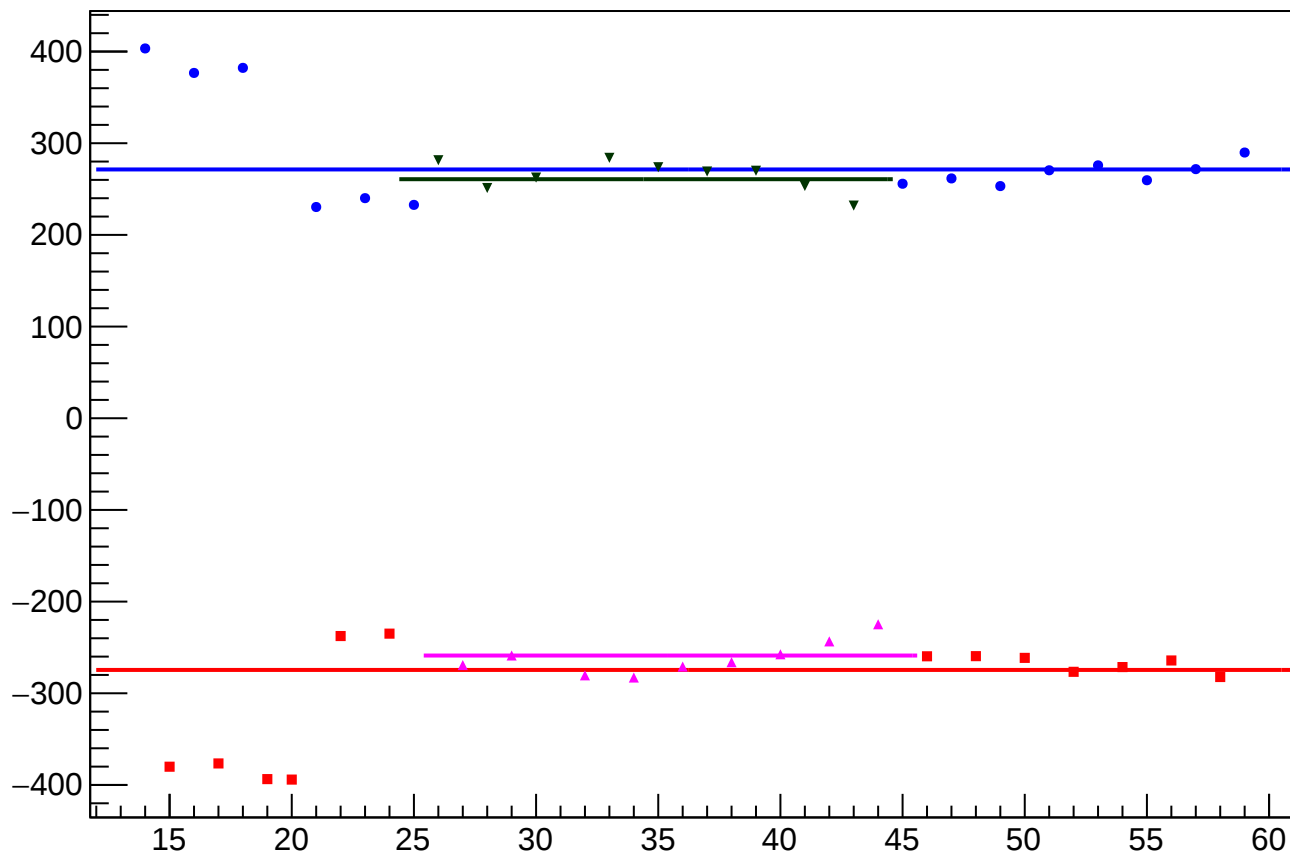
Left Out: 120.724 $\pm$ 0.820 χ^2 /NDF: 639.8/8

Right Out: -111.428 $\pm$ 0.802 χ^2 /NDF: 5680.8/12

Left In: -115.784 $\pm$ 0.721 χ^2 /NDF: 983.2/8

0.043 $\pm$ 0.379 χ^2 /NDF: 105630.8/44

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 271.385 ± 0.159 χ^2/NDF : 60442.4/13

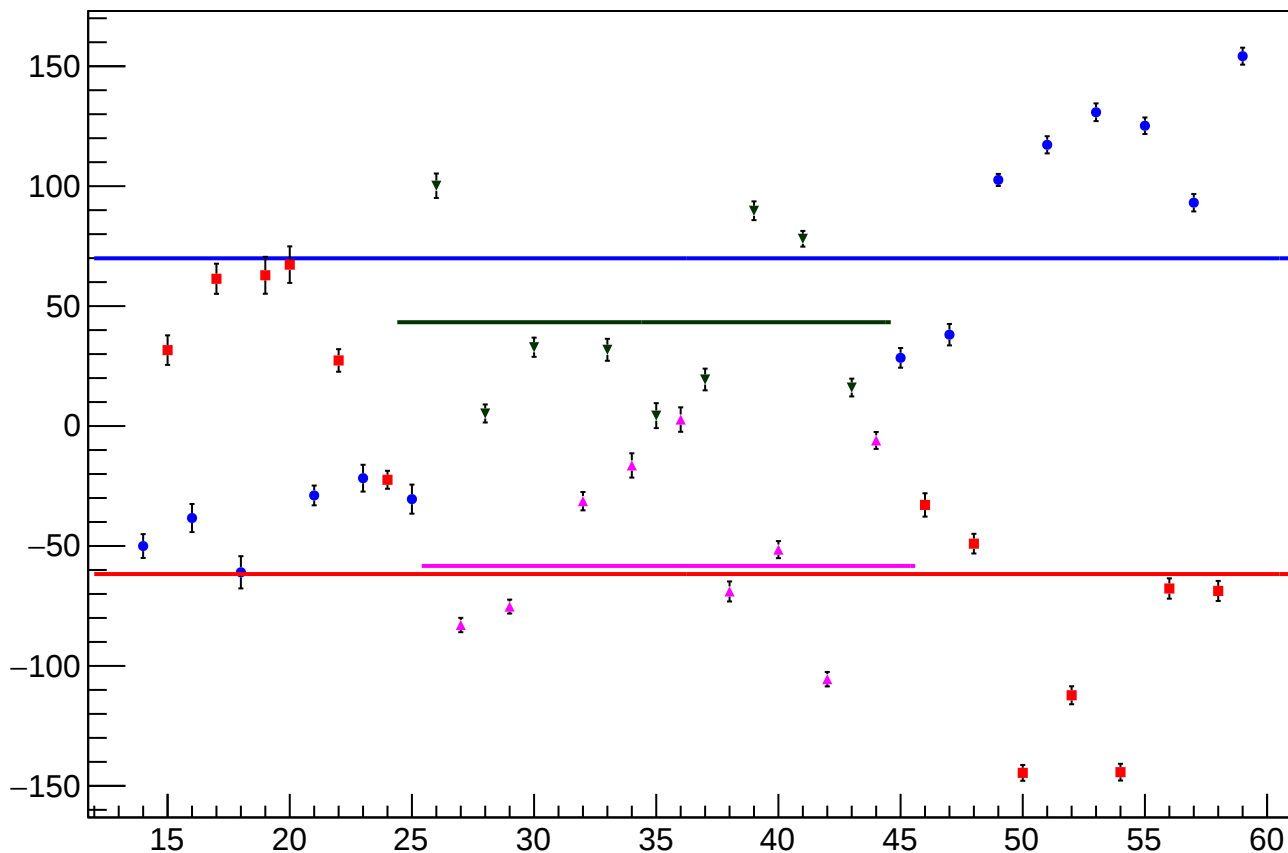
Left Out: 260.747 ± 0.184 χ^2/NDF : 7794.0/8

Right Out: -274.539 ± 0.182 χ^2/NDF : 47432.4/12

Left In: -258.828 ± 0.170 χ^2/NDF : 11545.2/8

8.410 ± 0.086 χ^2/NDF : 9636587.7/44

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 69.926±/-1.073 χ^2/NDF : 4053.7/13

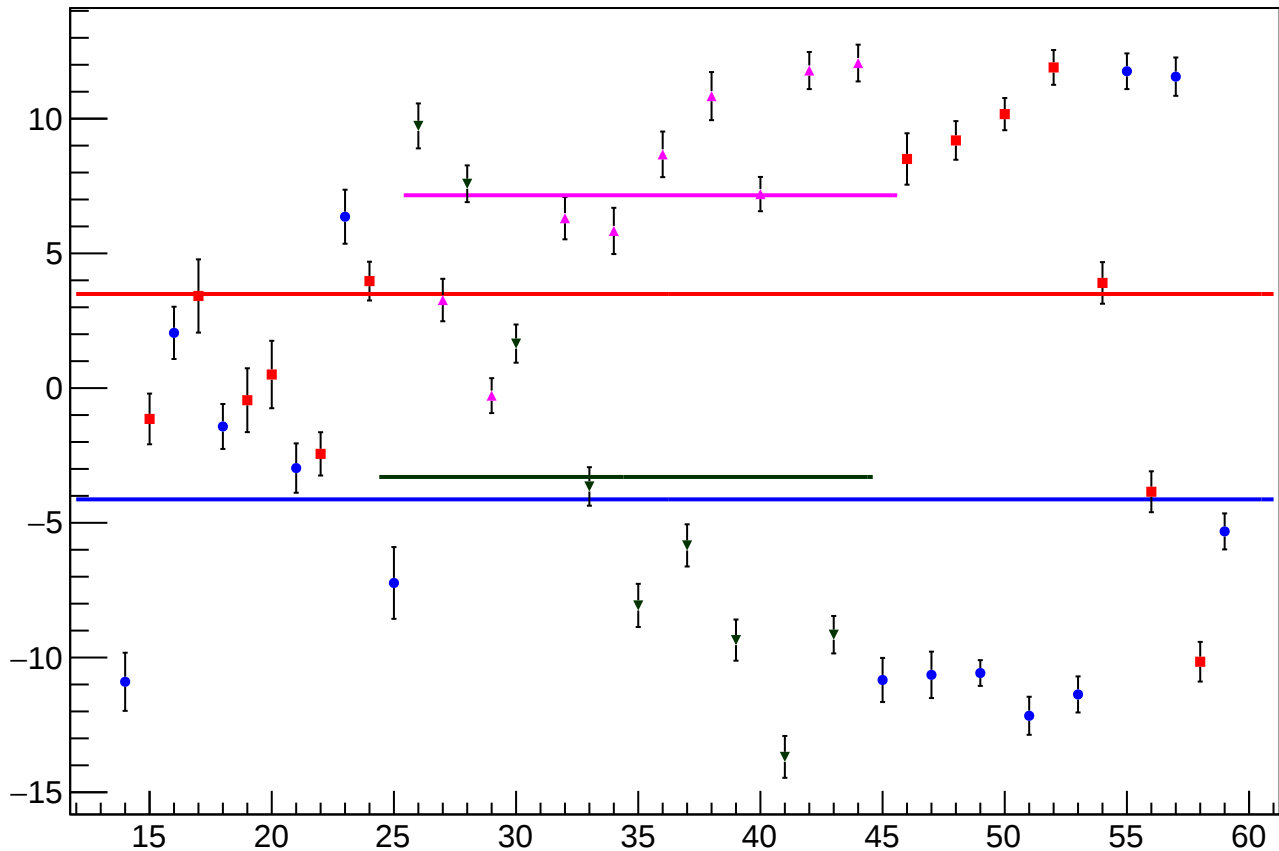
Left Out: 43.284±/-1.366 χ^2/NDF : 631.4/8

Right Out: -61.703±/-1.230 χ^2/NDF : 3049.0/12

Left In: -58.307±/-1.192 χ^2/NDF : 839.3/8

0.746±/-0.601 χ^2/NDF : 18730.5/44

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -4.130 ± 0.204 $\chi^2/\text{NDF}: 1824.8/13$

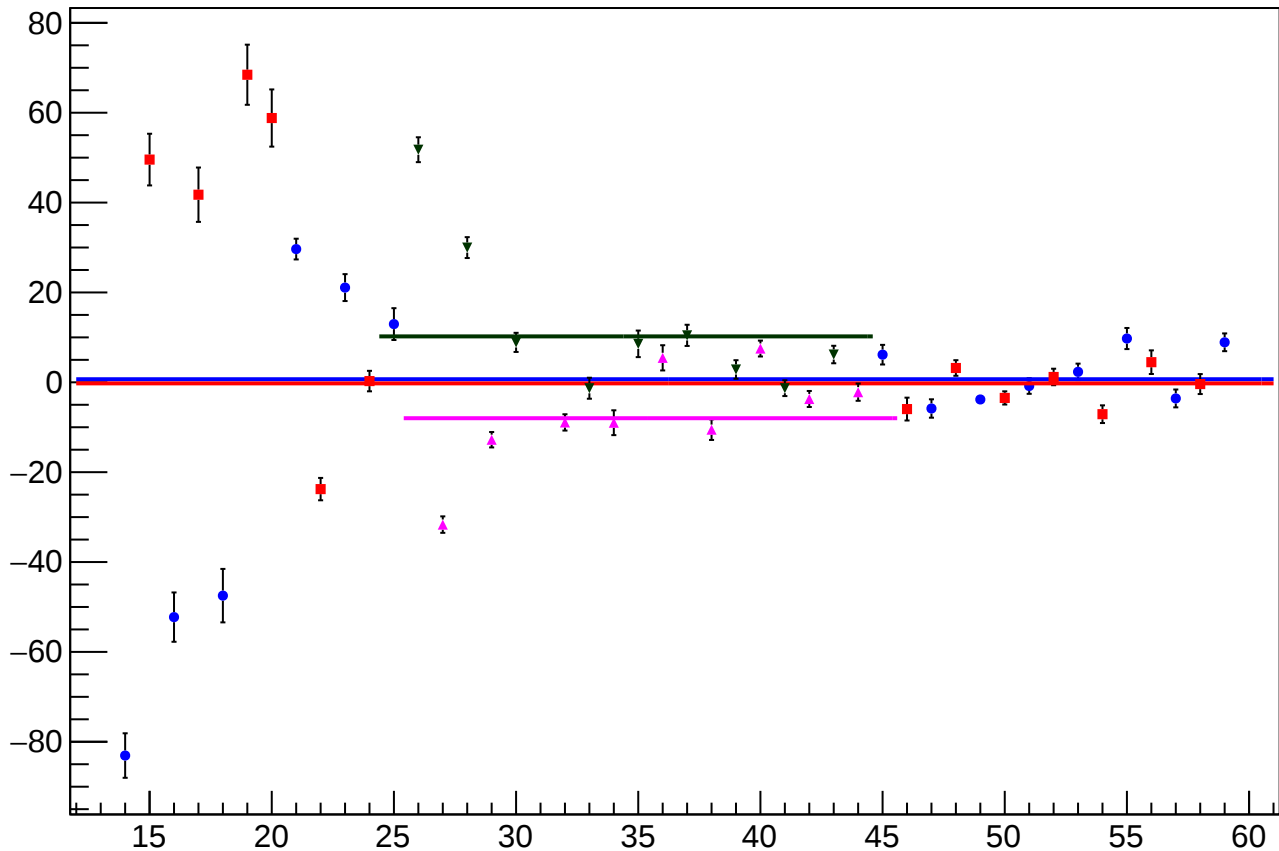
Left Out: -3.298 ± 0.249 $\chi^2/\text{NDF}: 906.1/8$

Right Out: 3.493 ± 0.224 $\chi^2/\text{NDF}: 918.3/12$

Left In: 7.157 ± 0.247 $\chi^2/\text{NDF}: 276.7/8$

0.446 ± 0.114 $\chi^2/\text{NDF}: 5578.4/44$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 0.685 ± 0.557 χ^2/NDF : 735.0/13

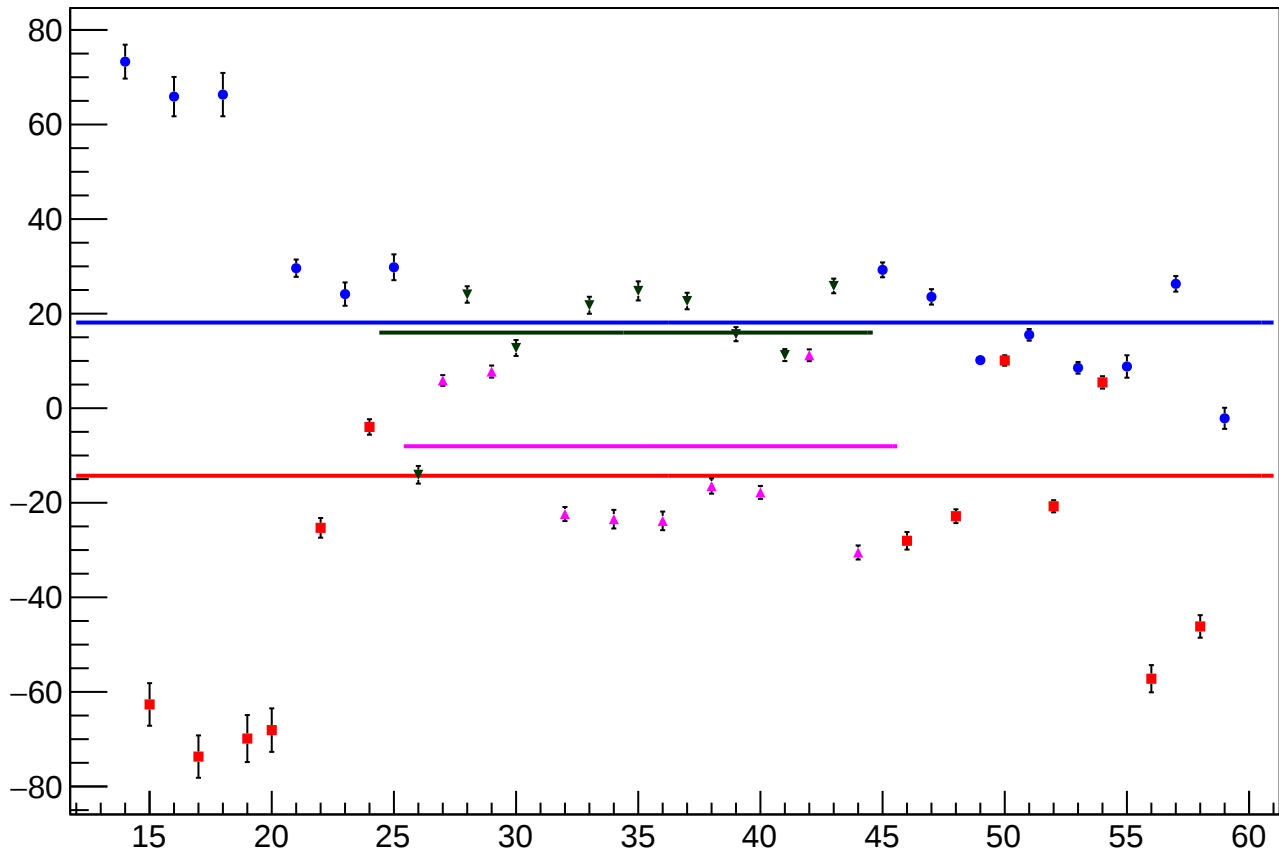
Left Out: 10.220 ± 0.738 χ^2/NDF : 382.7/8

Right Out: -0.236 ± 0.658 χ^2/NDF : 433.8/12

Left In: -7.990 ± 0.660 χ^2/NDF : 291.3/8

0.215 ± 0.322 χ^2/NDF : 2182.6/44

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 18.120+/-0.446 χ^2/NDF : 879.1/13

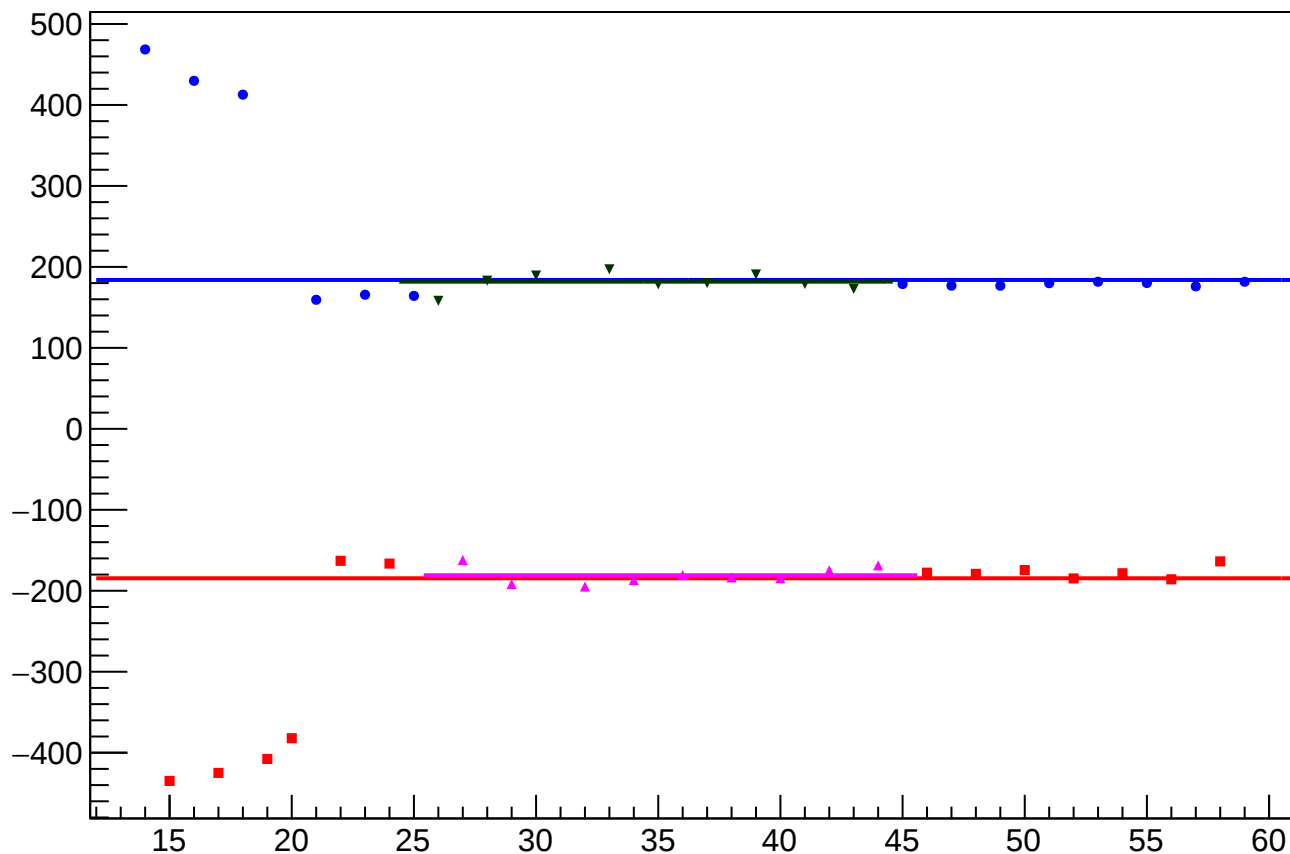
Left Out: 15.992+/-0.547 χ^2/NDF : 383.0/8

3.264+/-0.246 χ^2/NDF : 7574.6/44

Right Out: -14.282+/-0.509 χ^2/NDF : 1849.2/12

Left In: -8.048+/-0.478 χ^2/NDF : 1067.9/8

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 183.878+/-0.101 χ^2/NDF : 189250.2/13

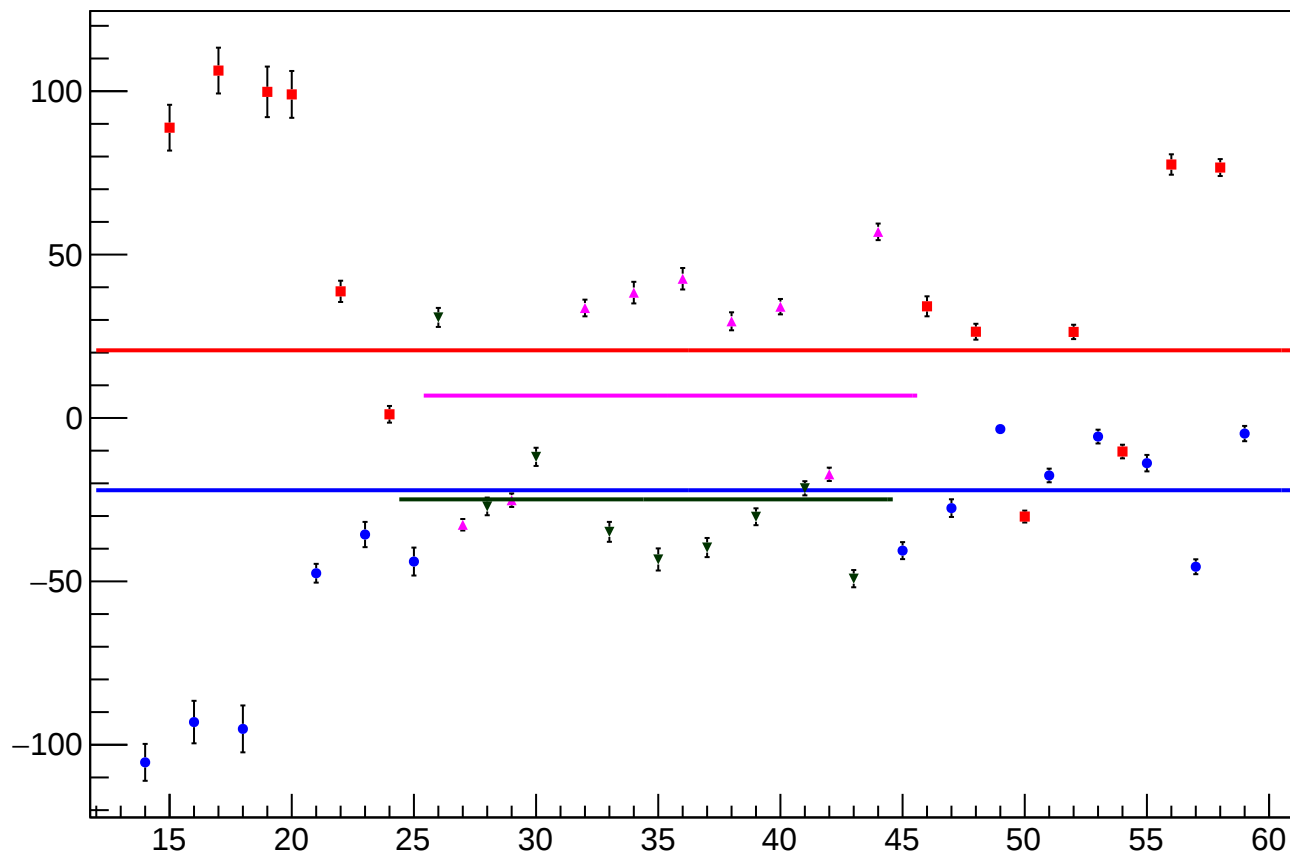
Left Out: 181.795+/-0.123 χ^2/NDF : 6577.2/8

Right Out: -184.573+/-0.116 χ^2/NDF : 156846.2/12

Left In: -180.835+/-0.114 χ^2/NDF : 8962.2/8

6.887+/-0.056 χ^2/NDF : 10852519.3/44

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -22.112 ± 0.689 χ^2/NDF : 1028.5/13

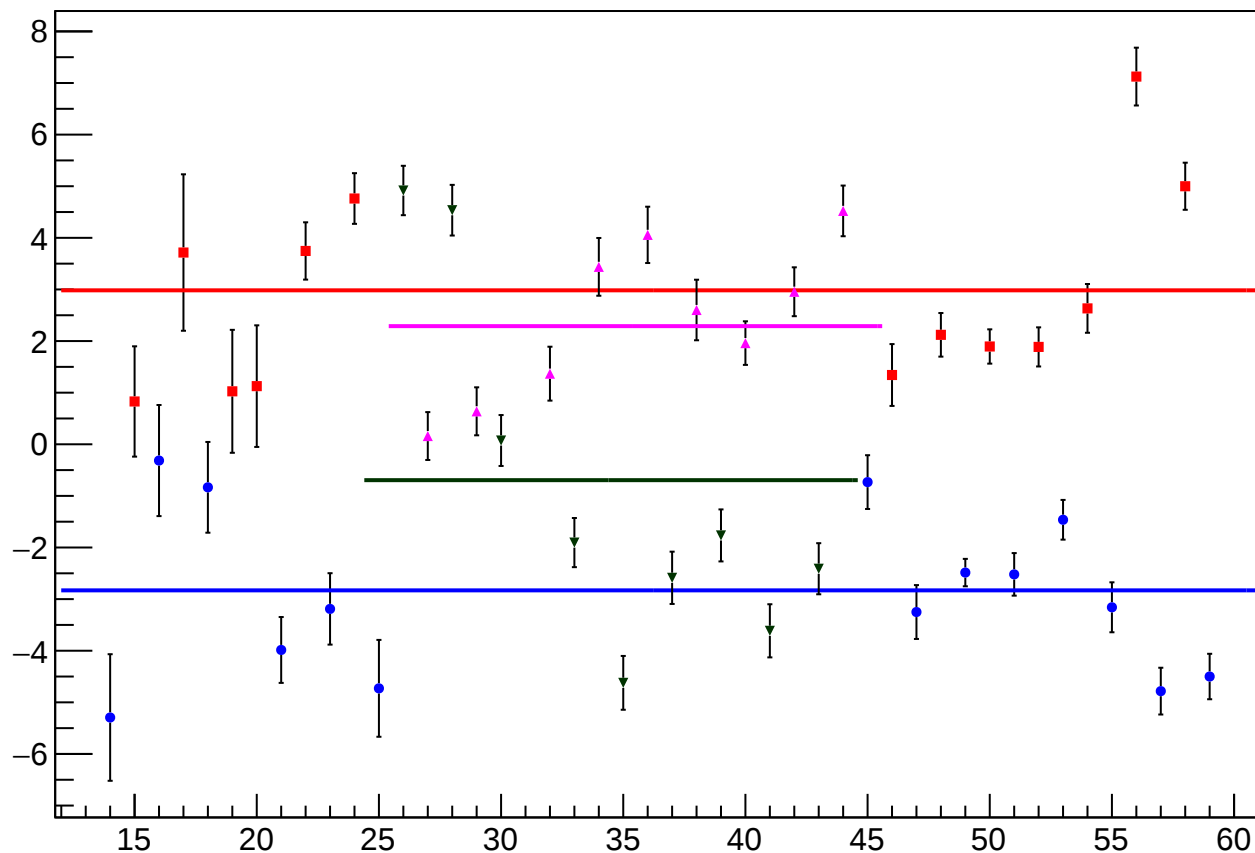
Left Out: -24.905 ± 0.912 χ^2/NDF : 545.2/8

Right Out: 20.705 ± 0.793 χ^2/NDF : 2382.9/12

Left In: 6.851 ± 0.790 χ^2/NDF : 1794.2/8

-5.016 ± 0.392 χ^2/NDF : 8117.9/44

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.830+/-0.132 χ^2/NDF : 87.4/13

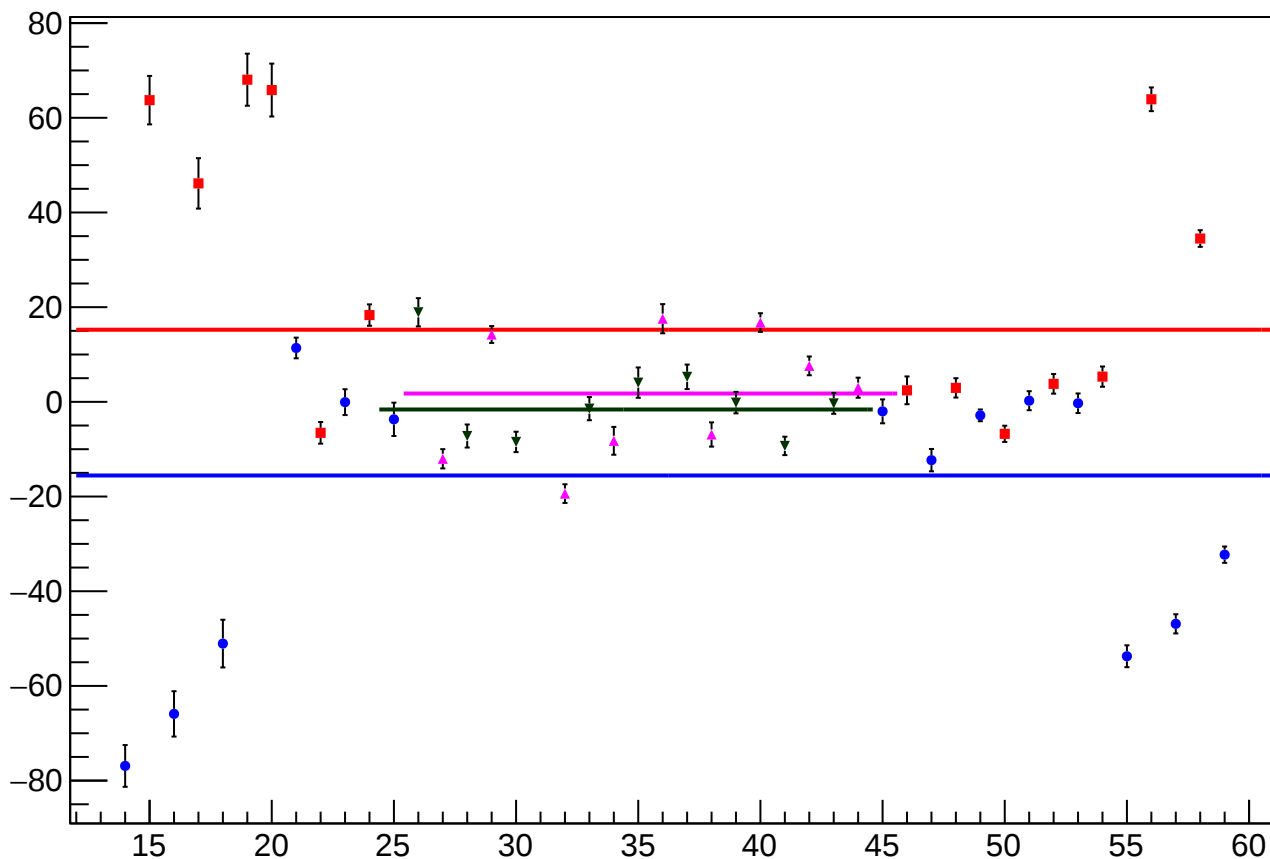
Left Out: -0.695+/-0.166 χ^2/NDF : 379.5/8

Right Out: 2.983+/-0.146 χ^2/NDF : 130.0/12

Left In: 2.289+/-0.165 χ^2/NDF : 75.1/8

0.211+/-0.075 χ^2/NDF : 1748.4/44

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -15.552 ± 0.598 $\chi^2/\text{NDF}: 1408.5/13$

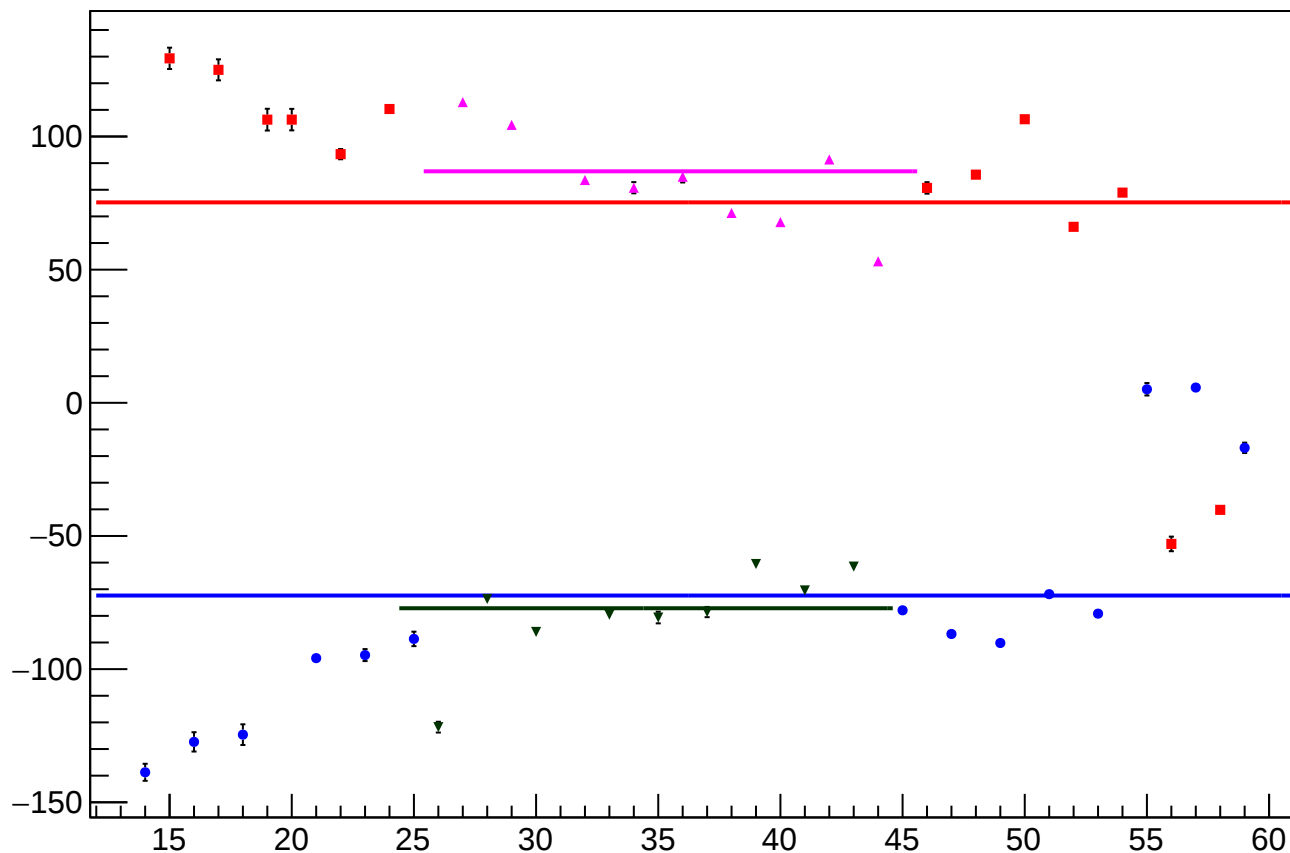
Left Out: -1.613 ± 0.797 $\chi^2/\text{NDF}: 89.4/8$

-1.159 ± 0.344 $\chi^2/\text{NDF}: 4158.2/44$

Right Out: 15.235 ± 0.681 $\chi^2/\text{NDF}: 1159.4/12$

Left In: 1.762 ± 0.721 $\chi^2/\text{NDF}: 326.0/8$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -72.364 ± 0.488 $\chi^2/\text{NDF}: 5431.3/13$

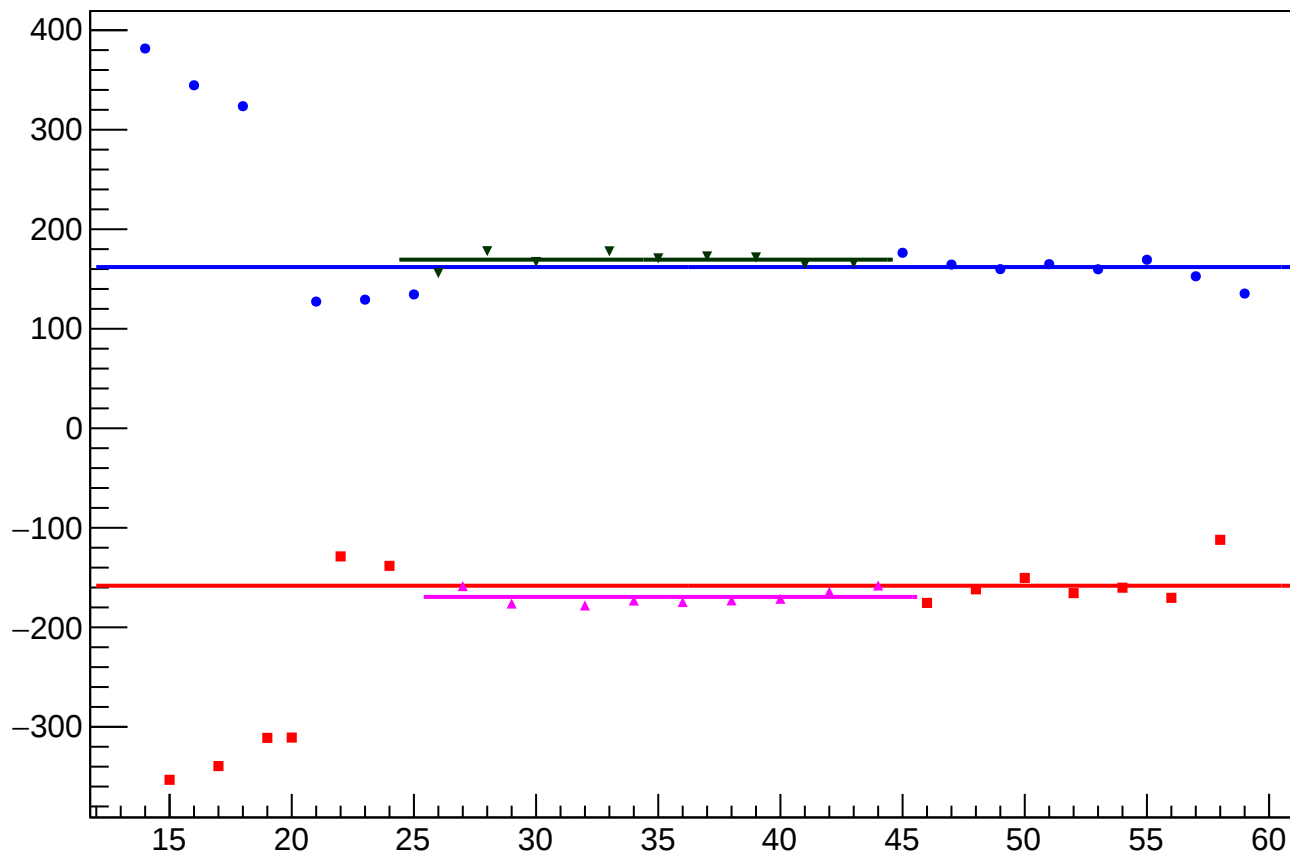
Left Out: -77.138 ± 0.592 $\chi^2/\text{NDF}: 725.4/8$

Right Out: 75.263 ± 0.542 $\chi^2/\text{NDF}: 7593.0/12$

Left In: 86.925 ± 0.524 $\chi^2/\text{NDF}: 1273.0/8$

3.457 ± 0.266 $\chi^2/\text{NDF}: 100621.1/44$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 162.011 ± 0.108 χ^2/NDF : 157175.7/13

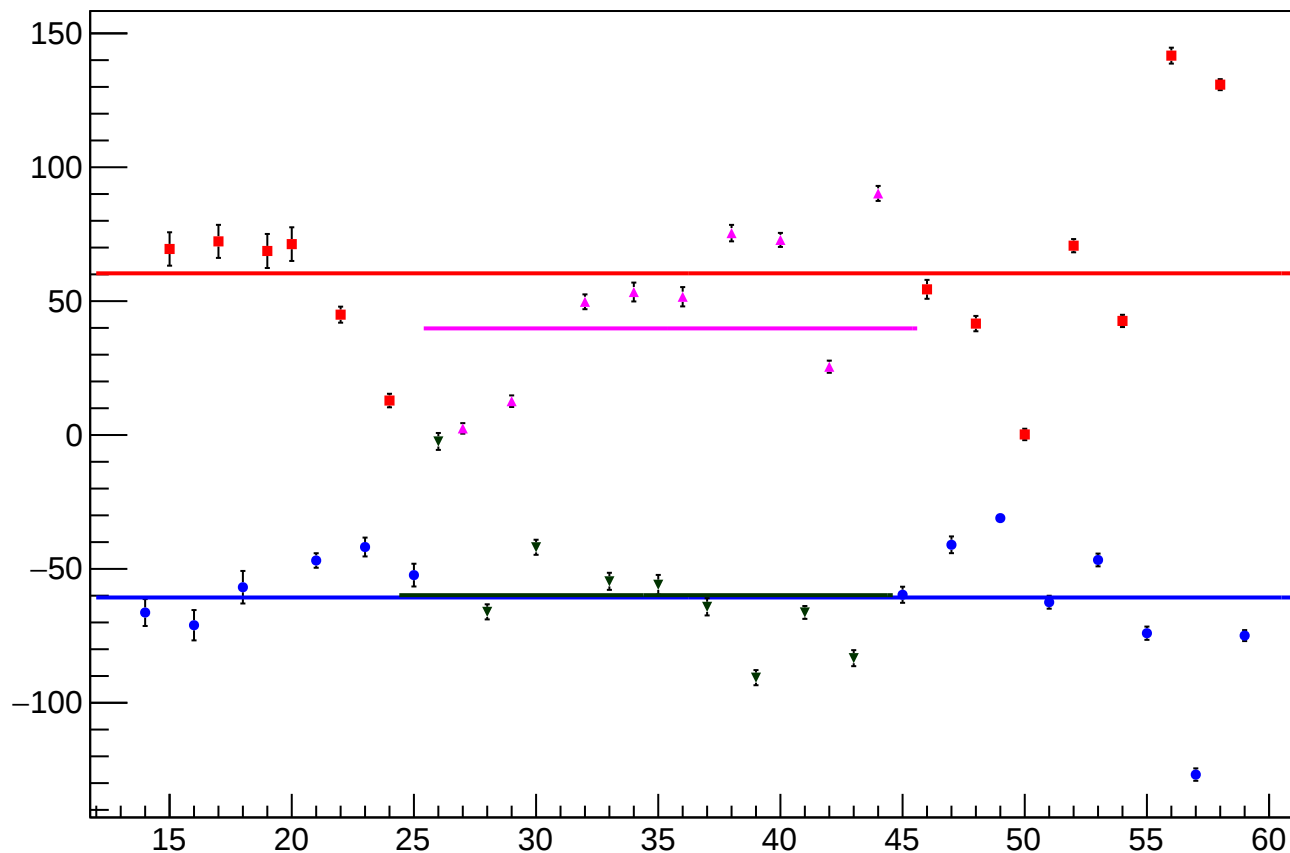
Left Out: 169.458 ± 0.133 χ^2/NDF : 2105.9/8

Right Out: -158.192 ± 0.120 χ^2/NDF : 144521.4/12

Left In: -169.441 ± 0.124 χ^2/NDF : 3580.5/8

5.389 ± 0.060 χ^2/NDF : 7761354.4/44

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -60.675 ± 0.734 χ^2/NDF : 1329.1/13

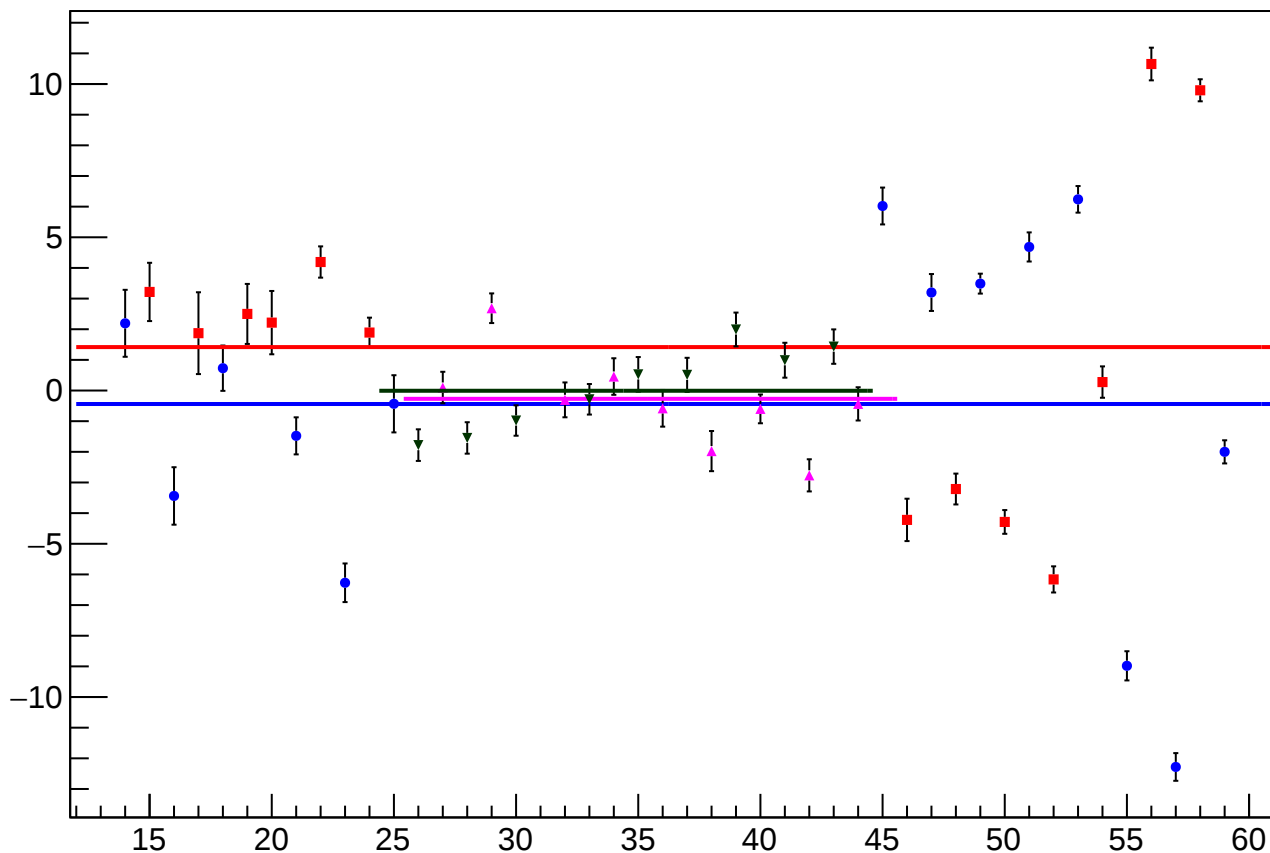
Left Out: -59.812 ± 0.985 χ^2/NDF : 568.6/8

Right Out: 60.382 ± 0.818 χ^2/NDF : 3227.2/12

Left In: 39.815 ± 0.866 χ^2/NDF : 1214.9/8

-5.443 ± 0.418 χ^2/NDF : 24264.5/44

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: -0.440 ± 0.140 χ^2/NDF : 1784.3/13

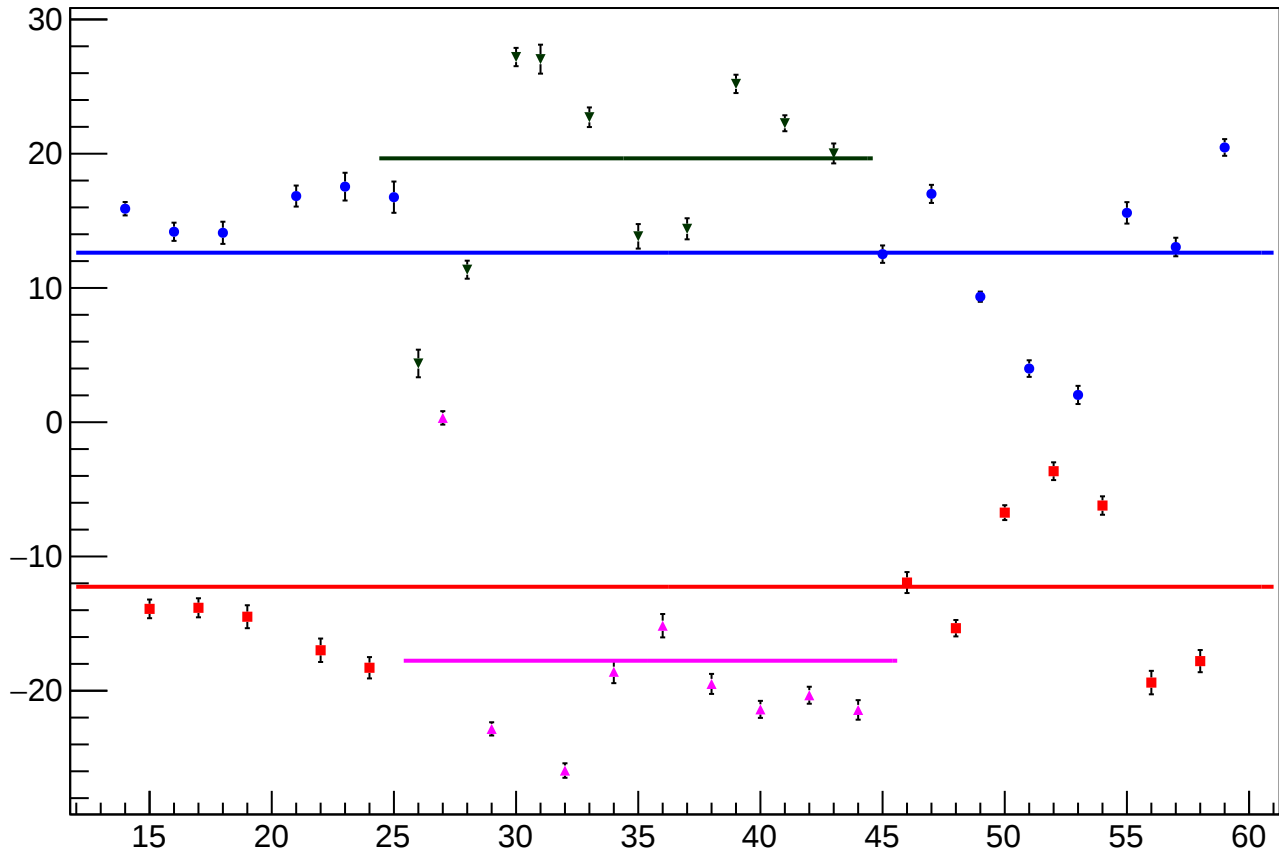
Left Out: -0.008 ± 0.178 χ^2/NDF : 49.6/8

Right Out: 1.417 ± 0.149 χ^2/NDF : 1568.0/12

Left In: -0.270 ± 0.181 χ^2/NDF : 69.6/8

0.206 ± 0.079 χ^2/NDF : 3567.3/44

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.627 ± 0.173 χ^2/NDF : 845.5/13

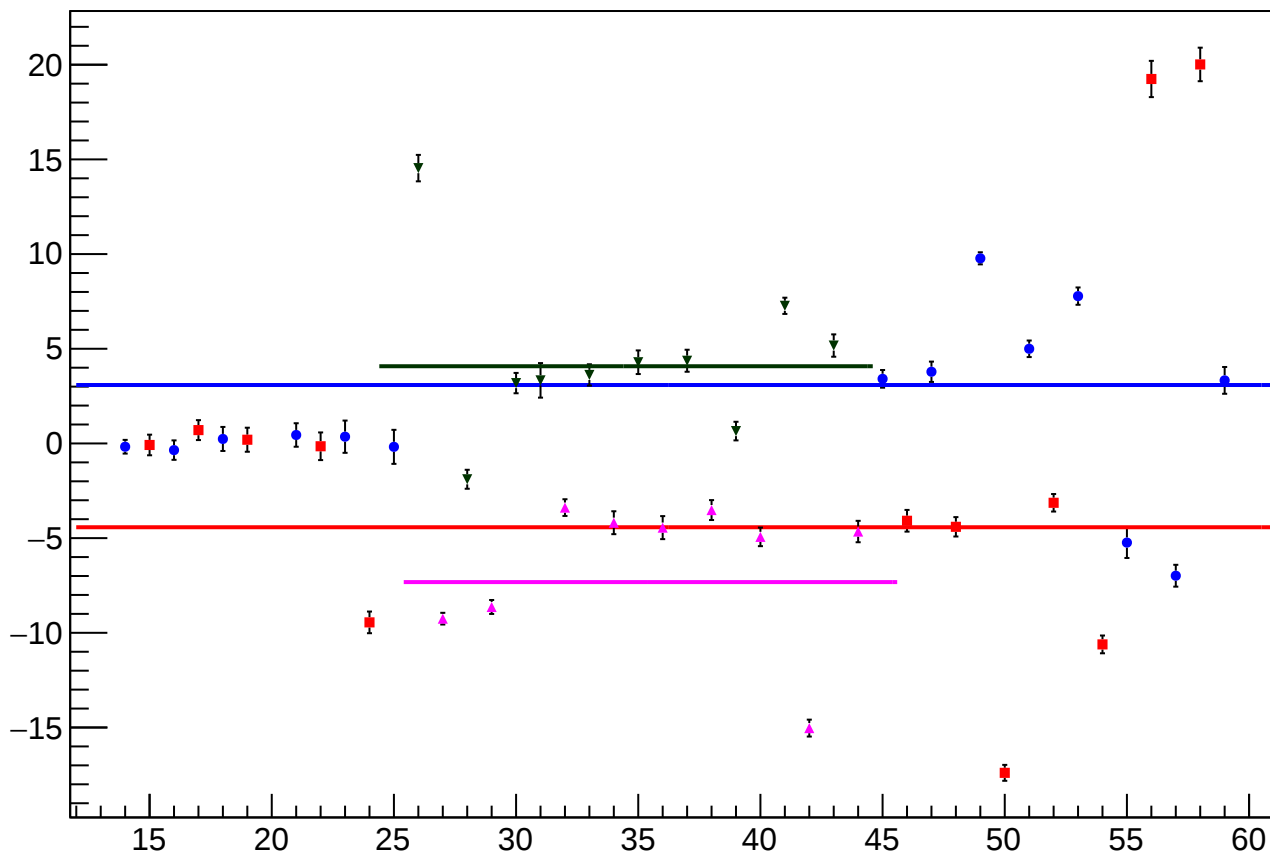
Left Out: 19.654 ± 0.238 χ^2/NDF : 731.5/9

Right Out: -12.256 ± 0.208 χ^2/NDF : 588.2/11

Left In: -17.765 ± 0.209 χ^2/NDF : 1728.2/8

0.830 ± 0.101 χ^2/NDF : 26688.8/44

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.086 ± 0.137 $\chi^2/\text{NDF}: 1163.2/13$

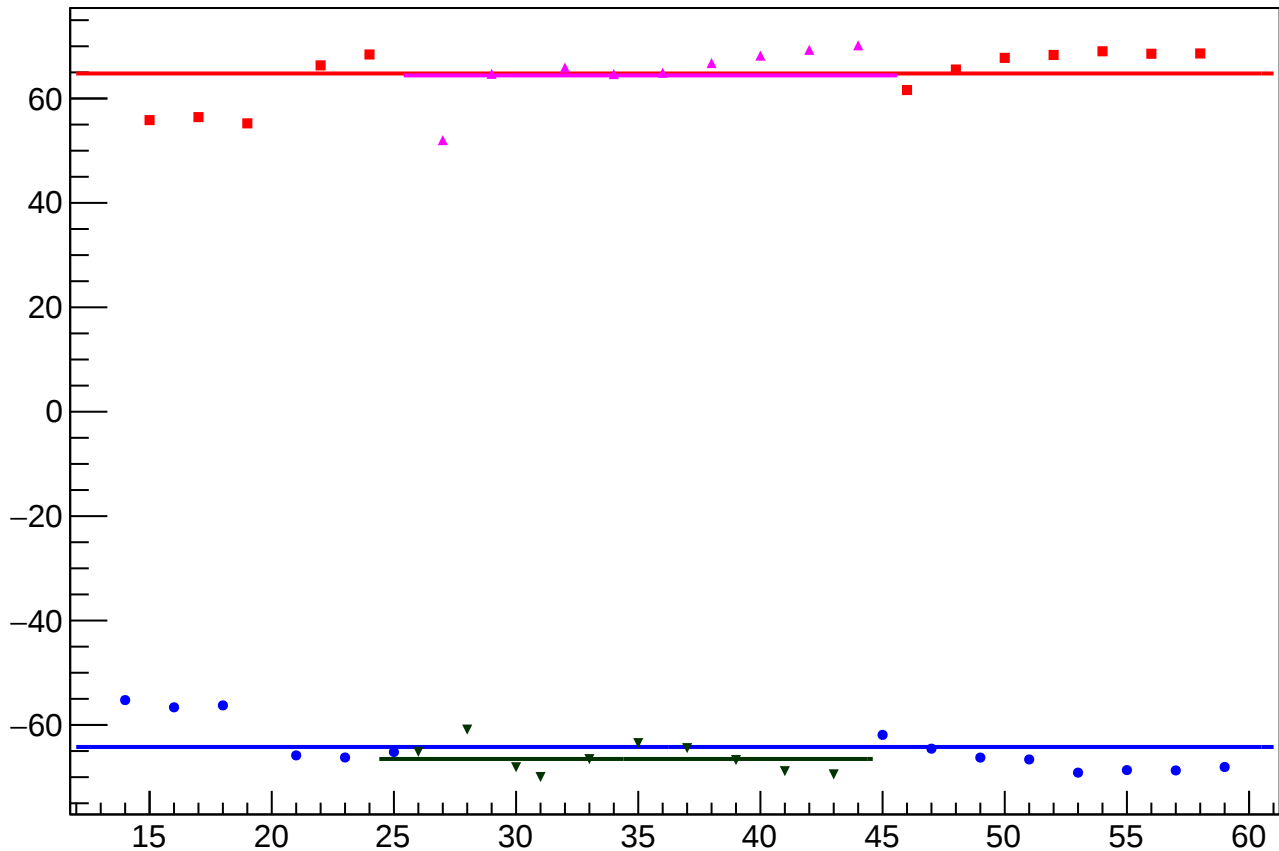
Left Out: 4.077 ± 0.177 $\chi^2/\text{NDF}: 478.1/9$

-1.189 ± 0.077 $\chi^2/\text{NDF}: 8980.8/44$

Right Out: -4.425 ± 0.161 $\chi^2/\text{NDF}: 2829.8/11$

Left In: -7.322 ± 0.150 $\chi^2/\text{NDF}: 577.2/8$

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.216 $\pm$ 0.032 χ^2 /NDF: 21670.3/13

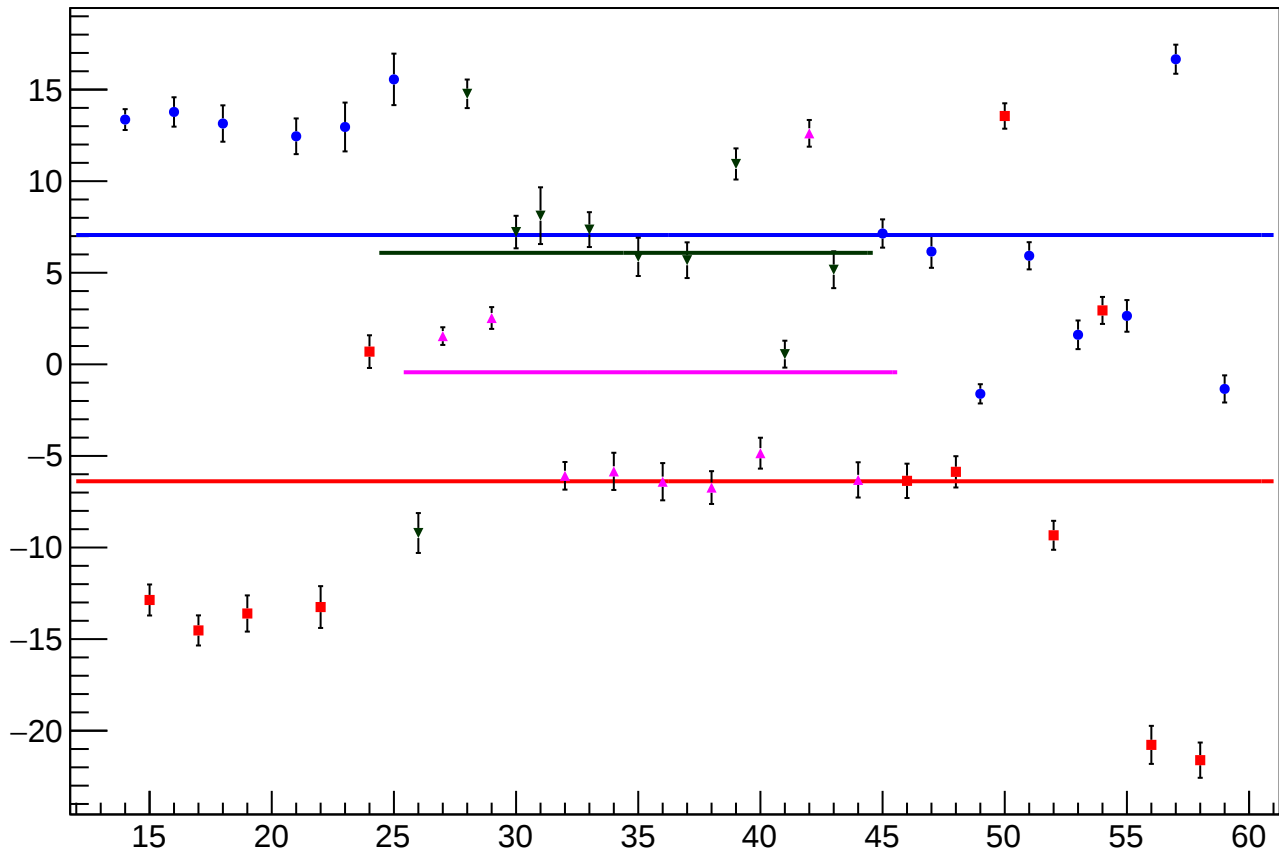
Left Out: -66.514 $\pm$ 0.039 χ^2 /NDF: 4814.8/9

Right Out: 64.790 $\pm$ 0.037 χ^2 /NDF: 17380.1/11

Left In: 64.419 $\pm$ 0.036 χ^2 /NDF: 25022.3/8

-3.488 $\pm$ 0.018 χ^2 /NDF: 13221447.3/44

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.060 ± 0.211 χ^2/NDF : 942.0/13

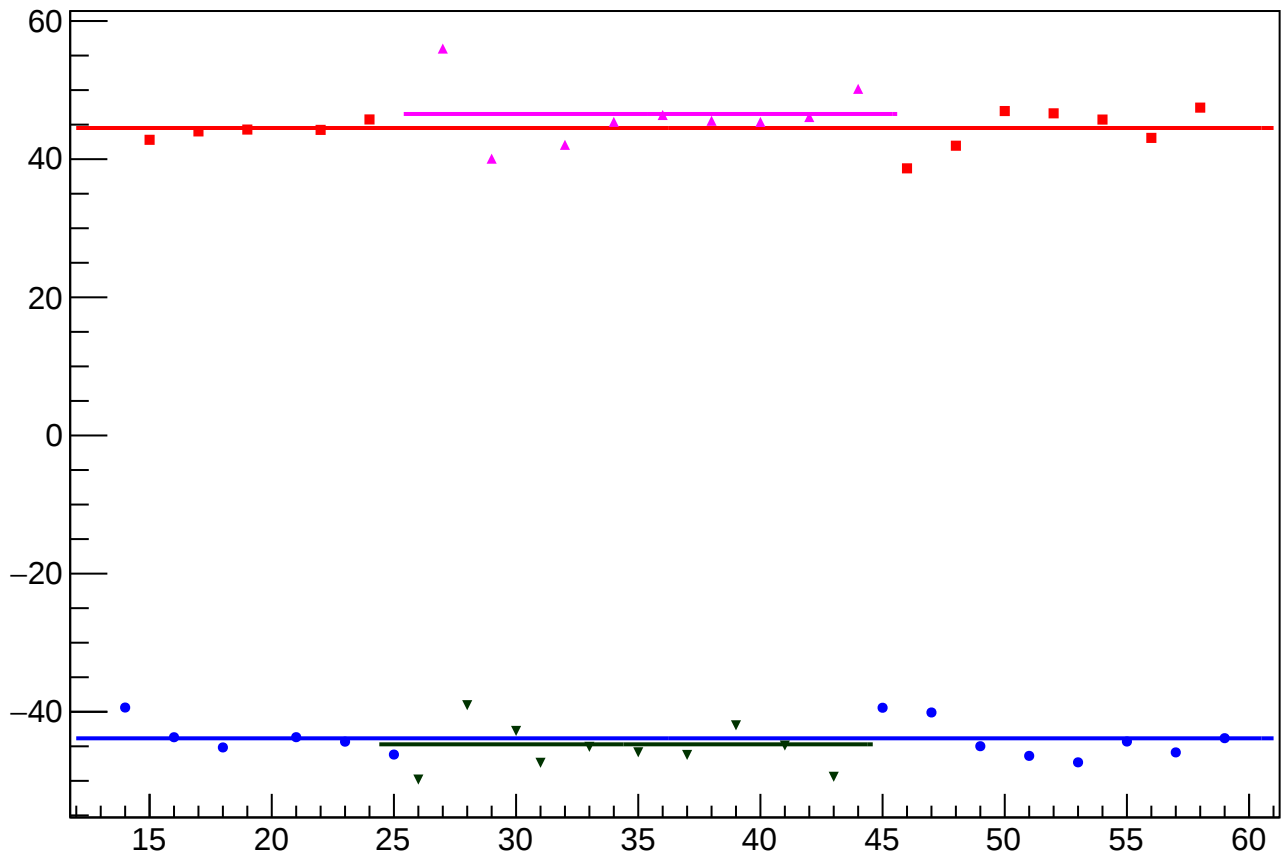
Left Out: 6.087 ± 0.295 χ^2/NDF : 416.6/9

Right Out: -6.383 ± 0.250 χ^2/NDF : 1752.4/11

Left In: -0.433 ± 0.247 χ^2/NDF : 594.7/8

1.808 ± 0.123 χ^2/NDF : 5690.8/44

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.842 ± 0.040 χ^2/NDF : 3957.7/13

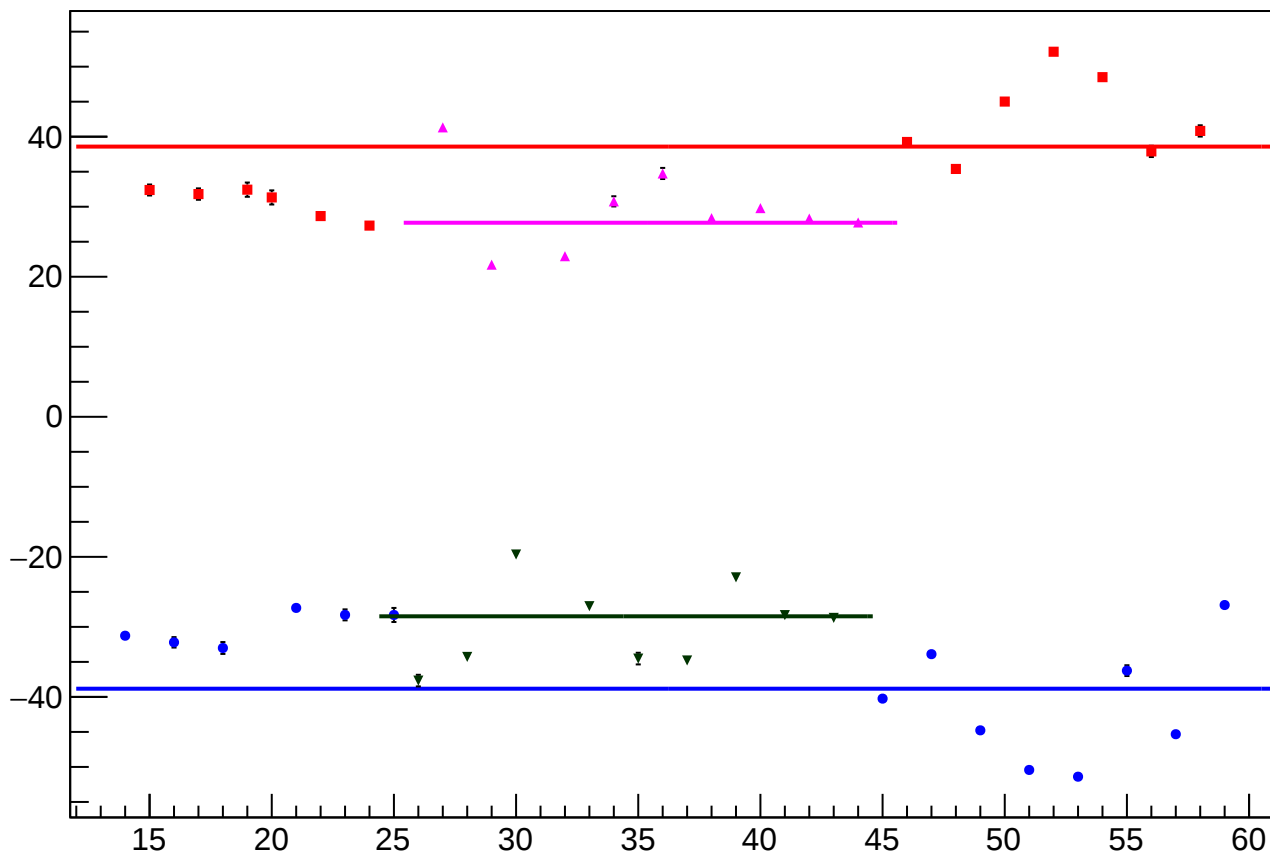
Left Out: -44.712 ± 0.054 χ^2/NDF : 3648.7/9

Right Out: 44.513 ± 0.045 χ^2/NDF : 2574.8/11

Left In: 46.543 ± 0.052 χ^2/NDF : 9214.1/8

-2.554 ± 0.023 χ^2/NDF : 3665506.3/44

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.829 $\pm$ 0.160 χ^2 /NDF: 2708.3/13

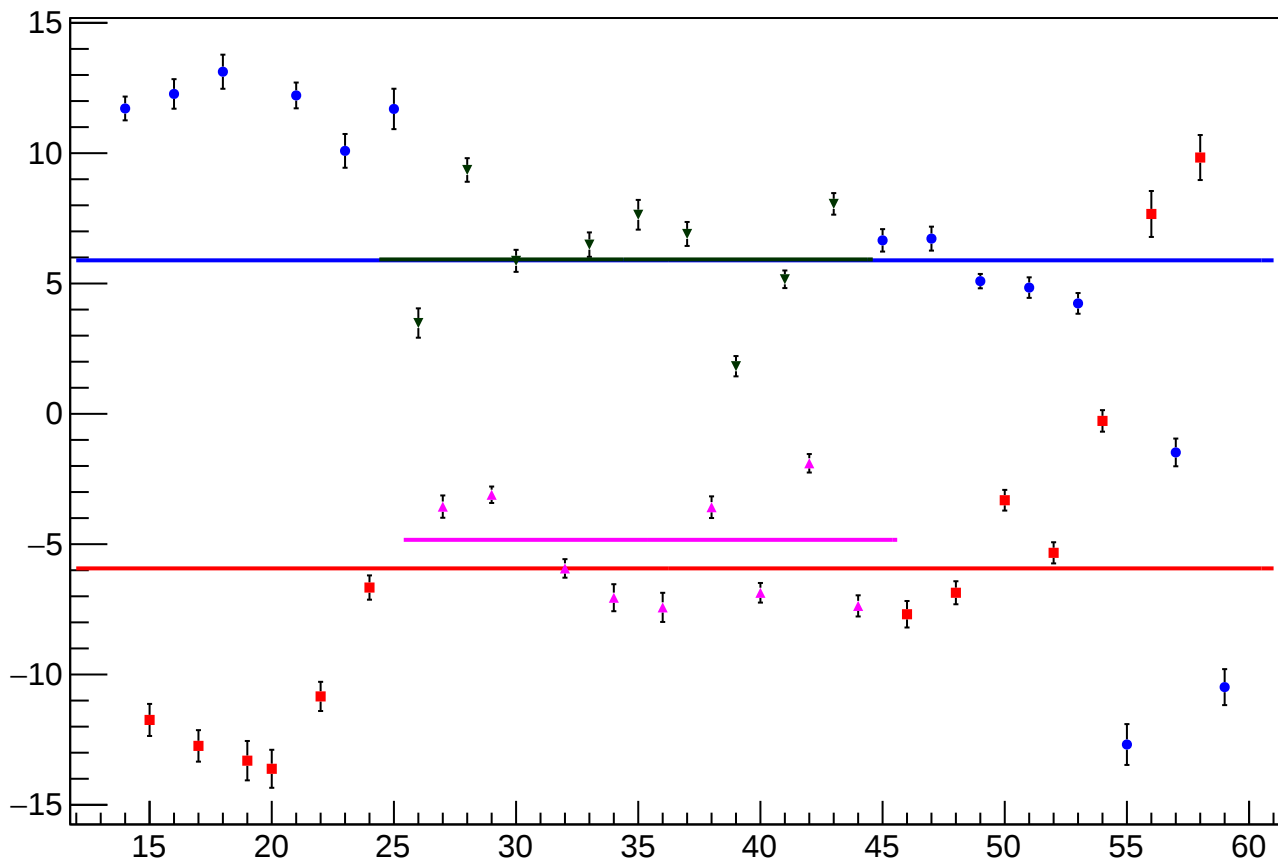
Left Out: -28.490 $\pm$ 0.195 χ^2 /NDF: 758.4/8

-2.548 $\pm$ 0.090 χ^2 /NDF: 150574.6/44

Right Out: 38.586 $\pm$ 0.190 χ^2 /NDF: 1749.8/12

Left In: 27.713 $\pm$ 0.179 χ^2 /NDF: 841.0/8

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.889 ± 0.127 χ^2/NDF : 2029.4/13

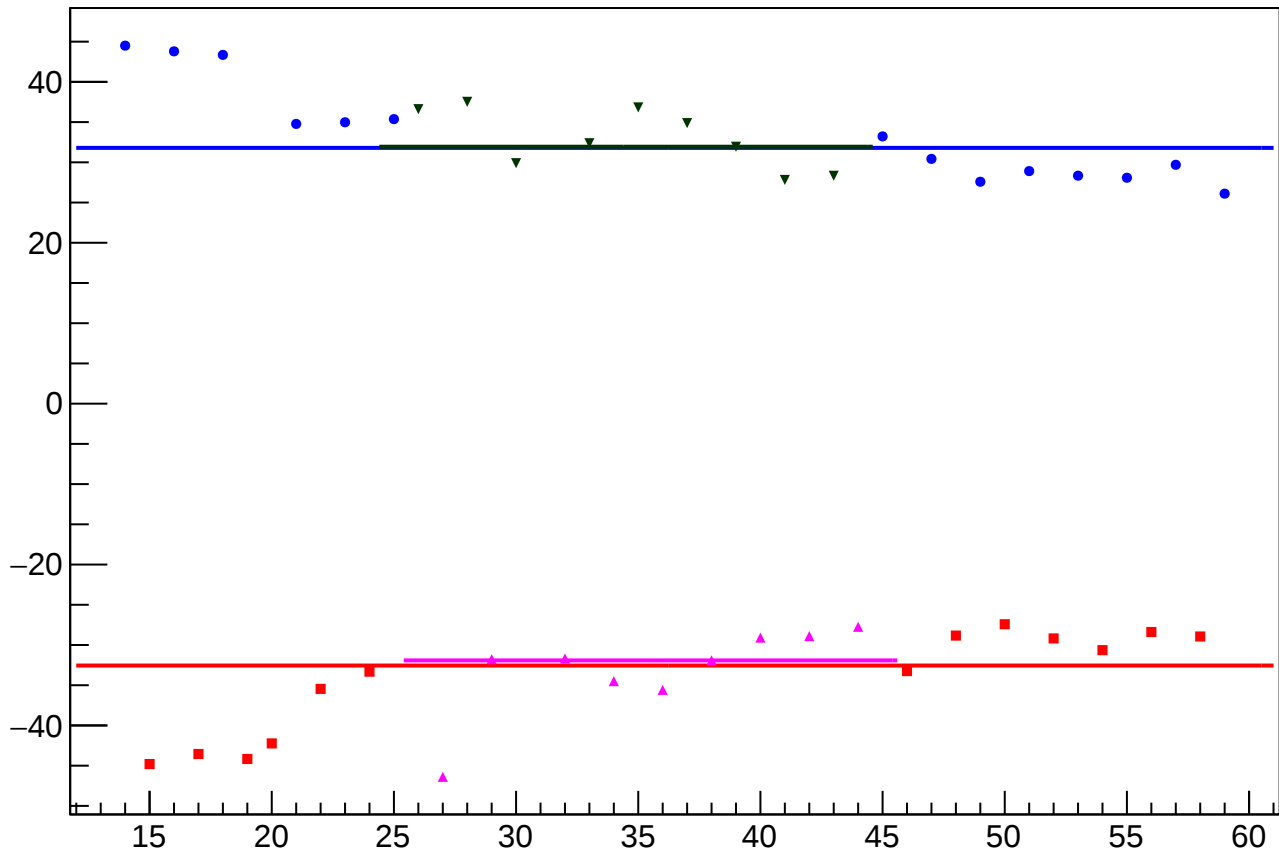
Left Out: 5.923 ± 0.146 χ^2/NDF : 233.4/8

0.420 ± 0.069 χ^2/NDF : 10557.5/44

Right Out: -5.929 ± 0.146 χ^2/NDF : 1323.4/12

Left In: -4.834 ± 0.132 χ^2/NDF : 234.0/8

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 31.796 $\pm$ 0.029 χ^2 /NDF: 34400.6/13

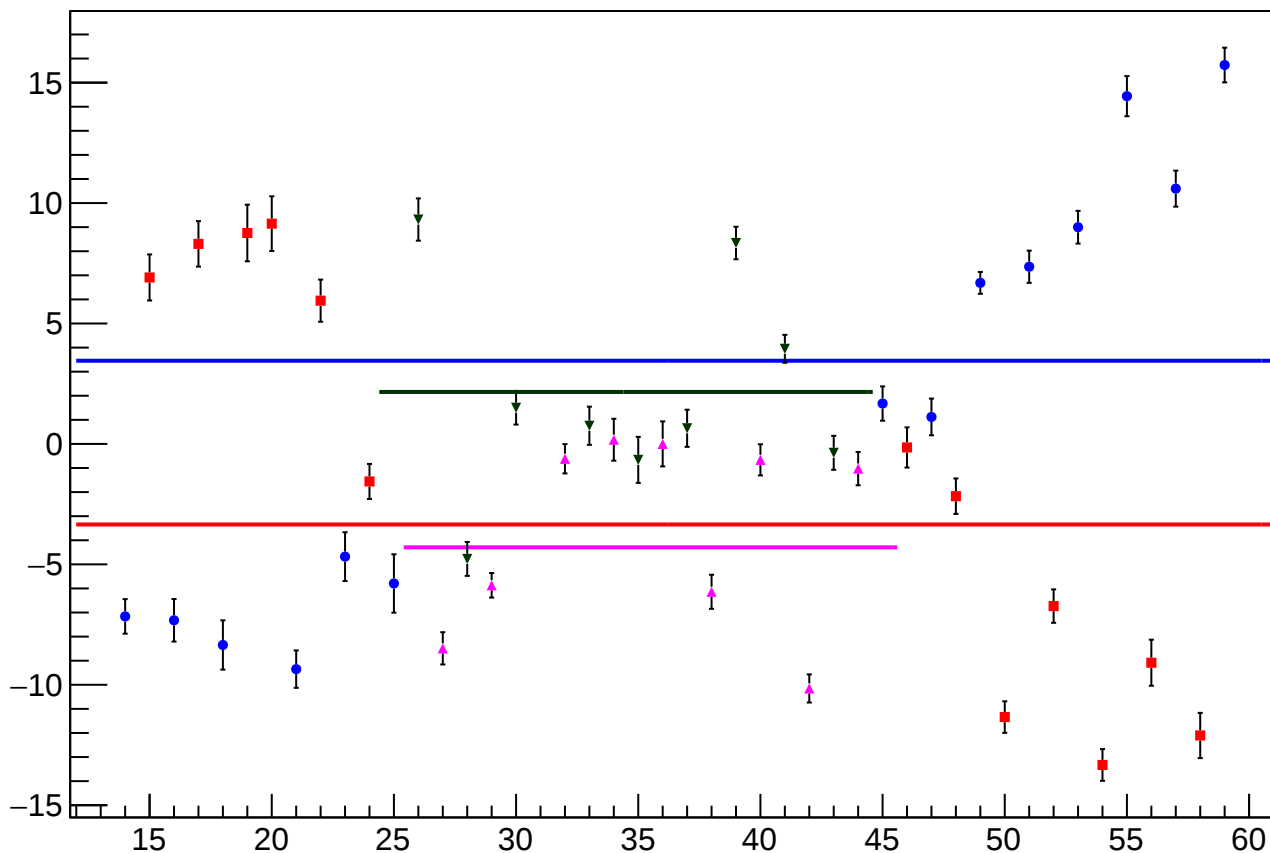
Left Out: 31.939 $\pm$ 0.033 χ^2 /NDF: 10847.9/8

1.088 $\pm$ 0.016 χ^2 /NDF: 4250281.9/44

Right Out: -32.552 $\pm$ 0.034 χ^2 /NDF: 25164.5/12

Left In: -31.913 $\pm$ 0.031 χ^2 /NDF: 20133.4/8

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 3.454 ± 0.198 χ^2/NDF : 1616.0/13

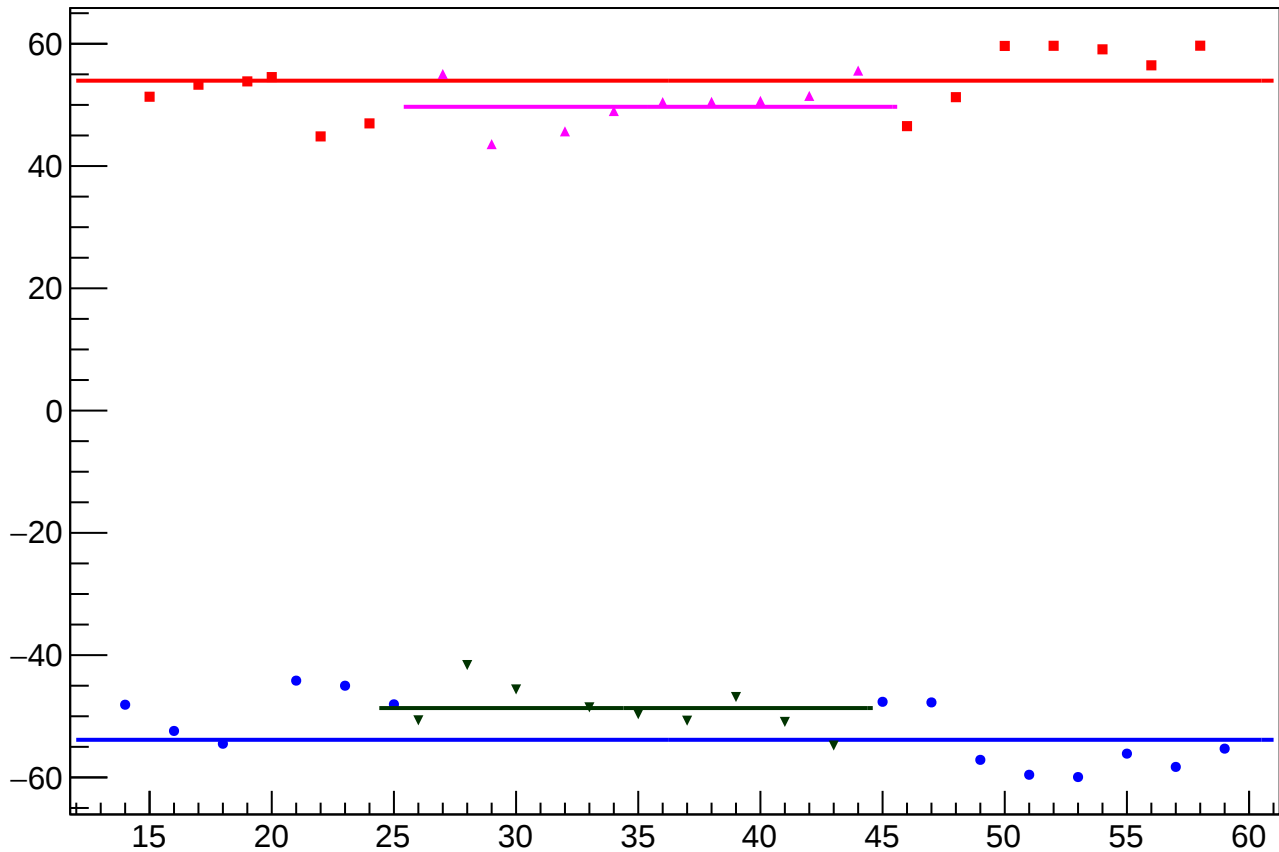
Left Out: 2.158 ± 0.243 χ^2/NDF : 286.7/8

-0.337 ± 0.110 χ^2/NDF : 4322.0/44

Right Out: -3.344 ± 0.229 χ^2/NDF : 1156.6/12

Left In: -4.293 ± 0.220 χ^2/NDF : 293.8/8

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -53.848 $\pm$ 0.037 χ^2 /NDF: 18030.1/13

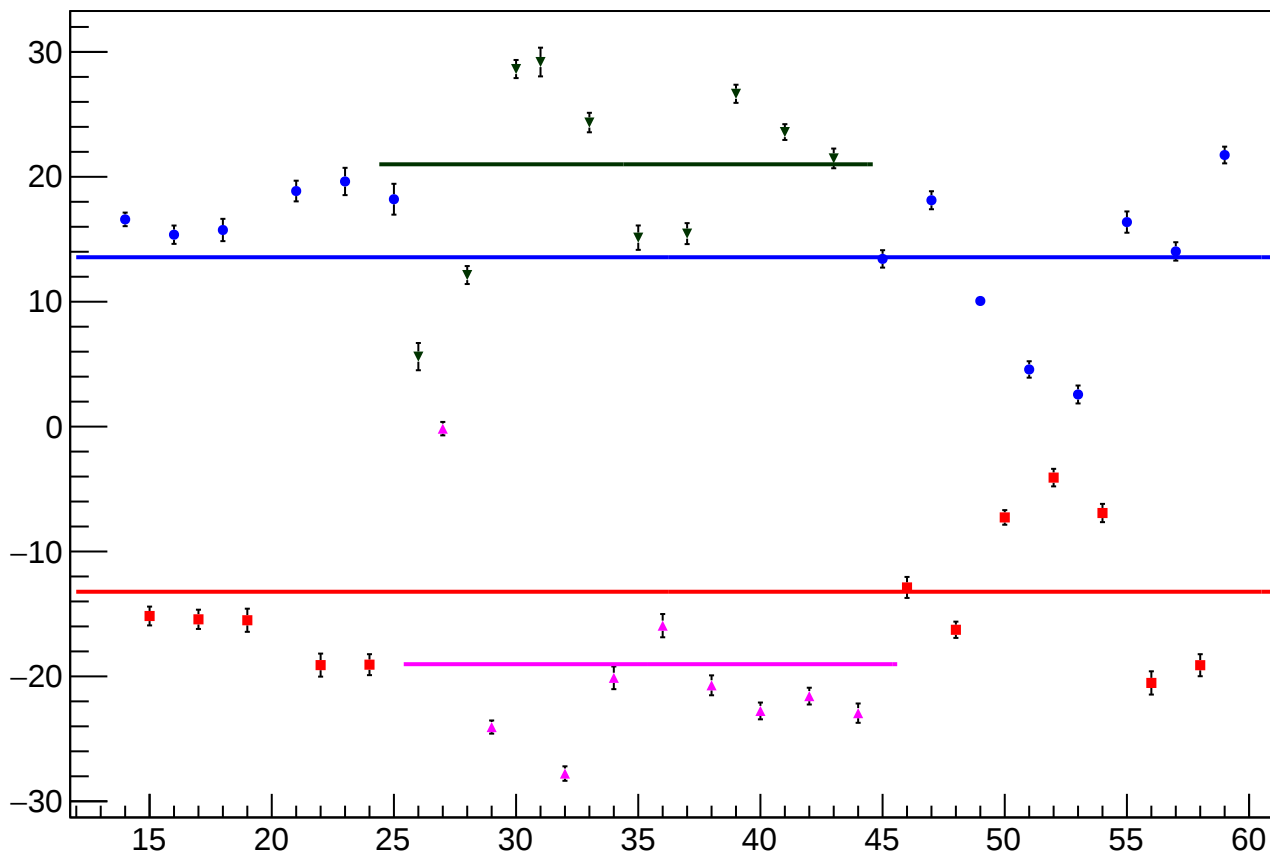
Left Out: -48.657 $\pm$ 0.044 χ^2 /NDF: 6659.9/8

Right Out: 53.963 $\pm$ 0.042 χ^2 /NDF: 16248.4/12

Left In: 49.690 $\pm$ 0.045 χ^2 /NDF: 7146.4/8

-3.347 $\pm$ 0.021 χ^2 /NDF: 6197226.4/44

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.561+/-0.185 χ^2/NDF : 827.1/13

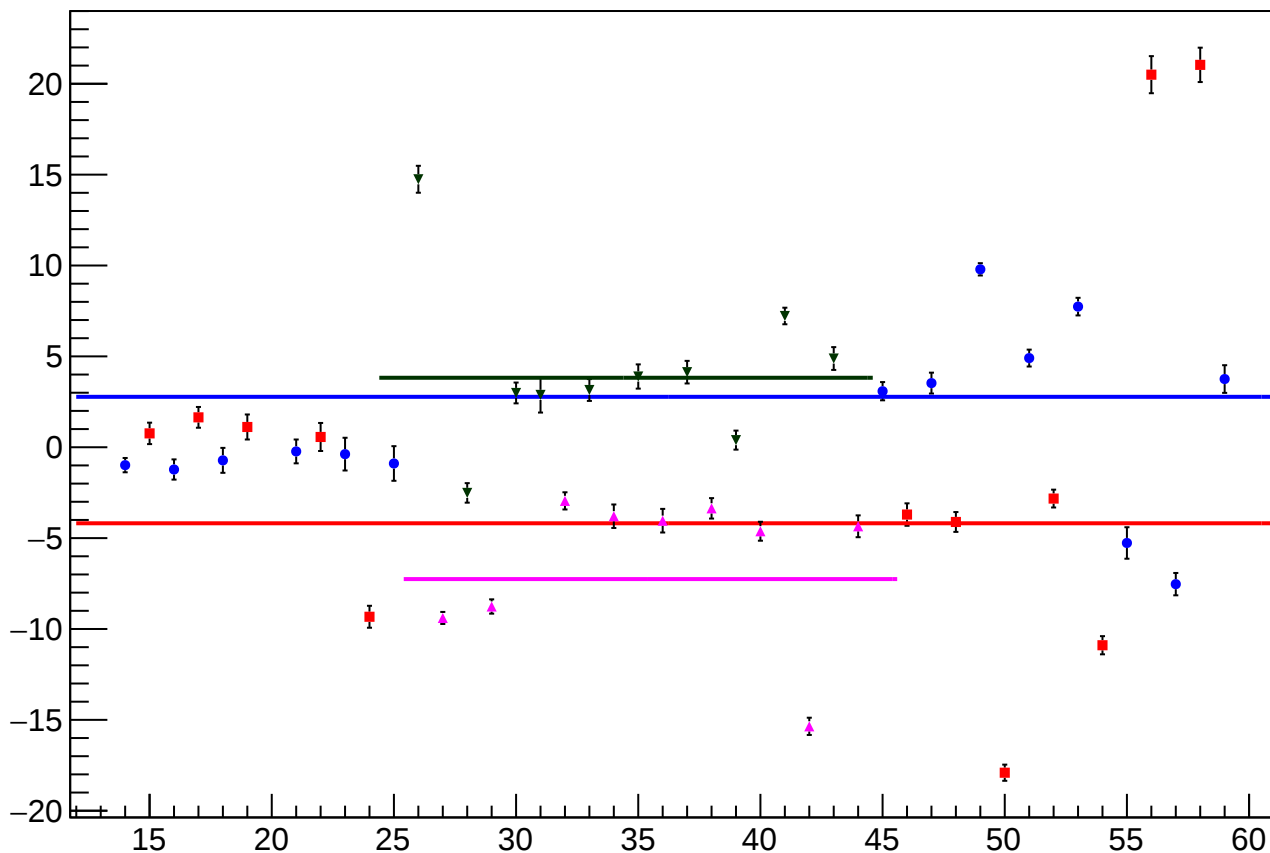
Left Out: 21.002+/-0.254 χ^2/NDF : 688.1/9

Right Out: -13.222+/-0.222 χ^2/NDF : 584.7/11

Left In: -19.023+/-0.223 χ^2/NDF : 1636.4/8

0.876+/-0.108 χ^2/NDF : 26717.5/44

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 2.775 ± 0.146 $\chi^2/\text{NDF}: 1143.9/13$

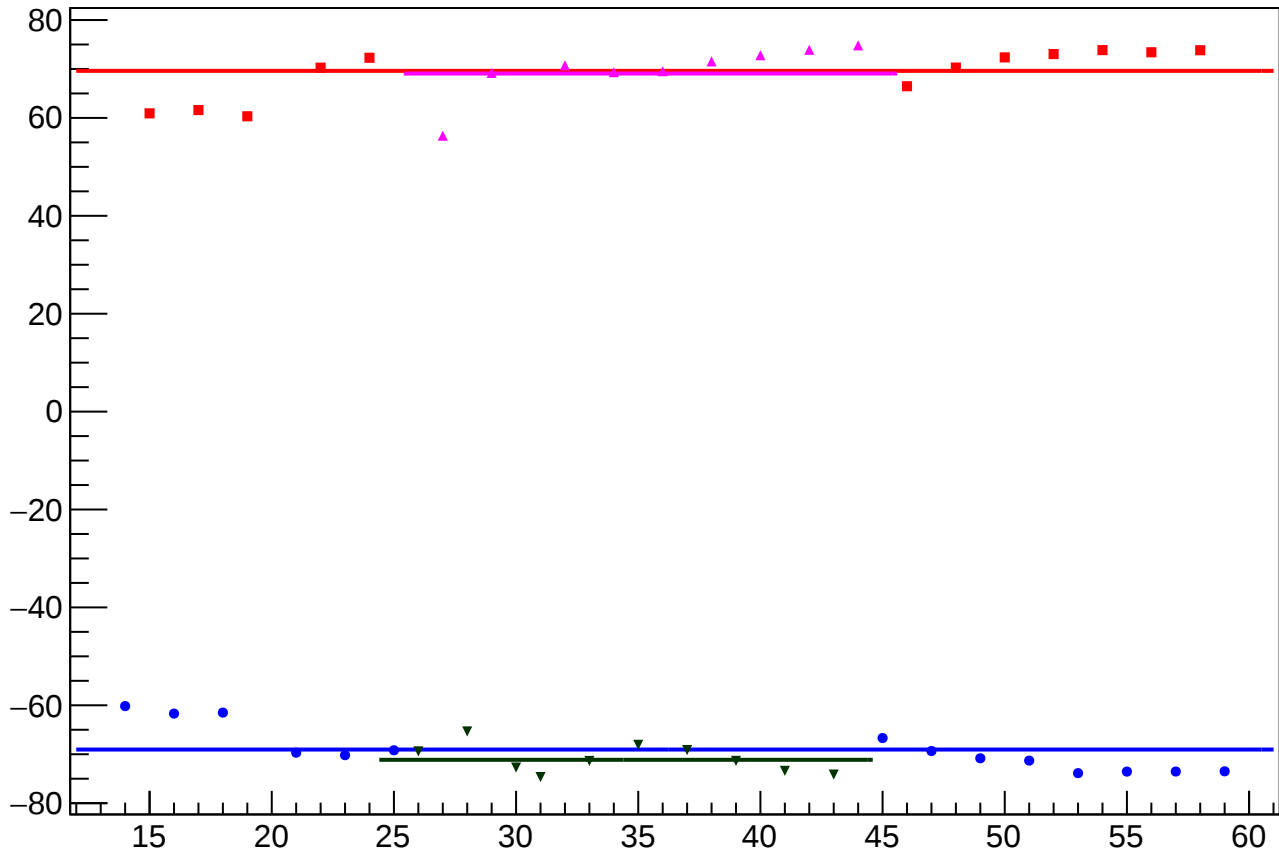
Left Out: 3.824 ± 0.189 $\chi^2/\text{NDF}: 462.2/9$

Right Out: -4.183 ± 0.172 $\chi^2/\text{NDF}: 2779.6/11$

Left In: -7.254 ± 0.160 $\chi^2/\text{NDF}: 580.6/8$

-1.261 ± 0.082 $\chi^2/\text{NDF}: 8135.8/44$

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.040 ± 0.034 χ^2/NDF : 18008.4/13

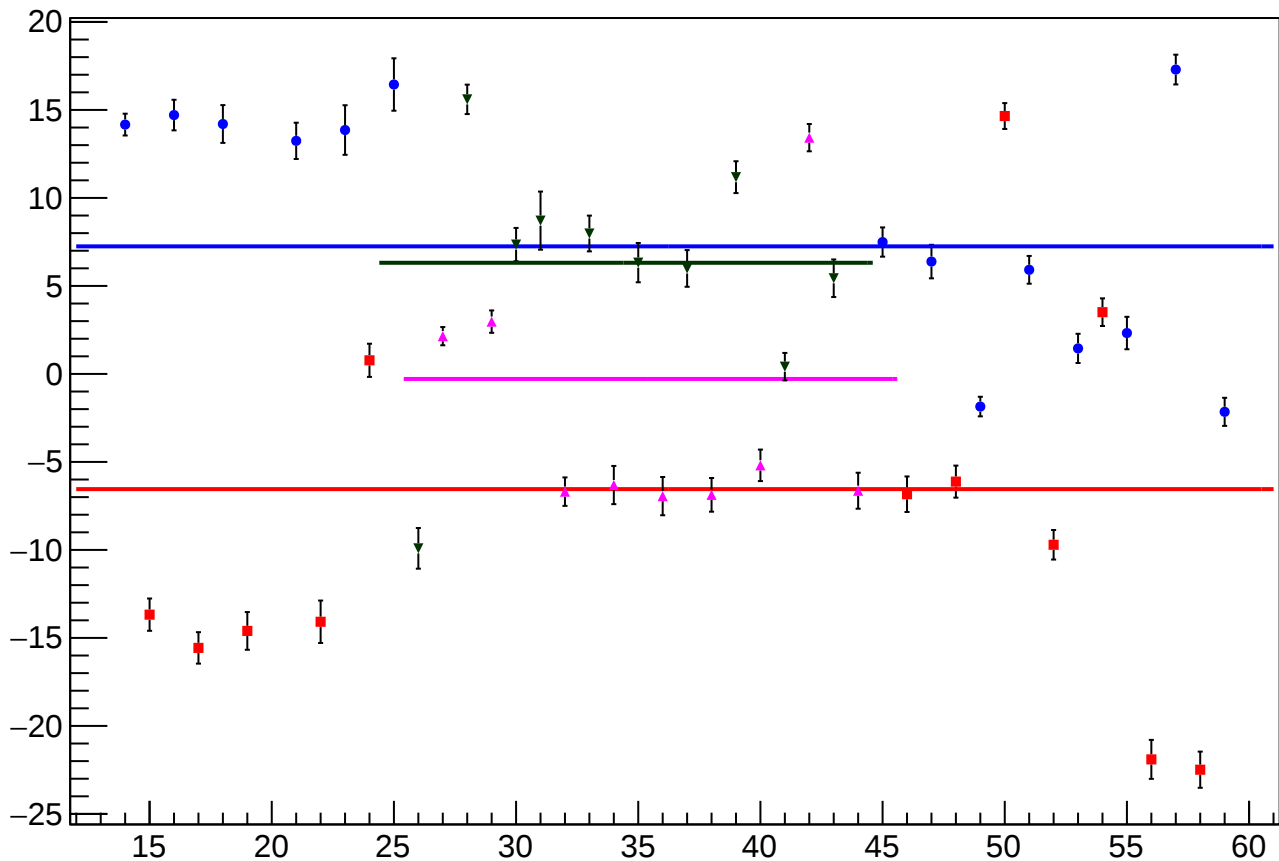
Left Out: -71.138 ± 0.042 χ^2/NDF : 4371.0/9

Right Out: 69.615 ± 0.040 χ^2/NDF : 13986.8/11

Left In: 69.062 ± 0.039 χ^2/NDF : 22618.3/8

-3.745 ± 0.019 χ^2/NDF : 13332266.5/44

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.248 ± 0.225 χ^2/NDF : 963.1/13

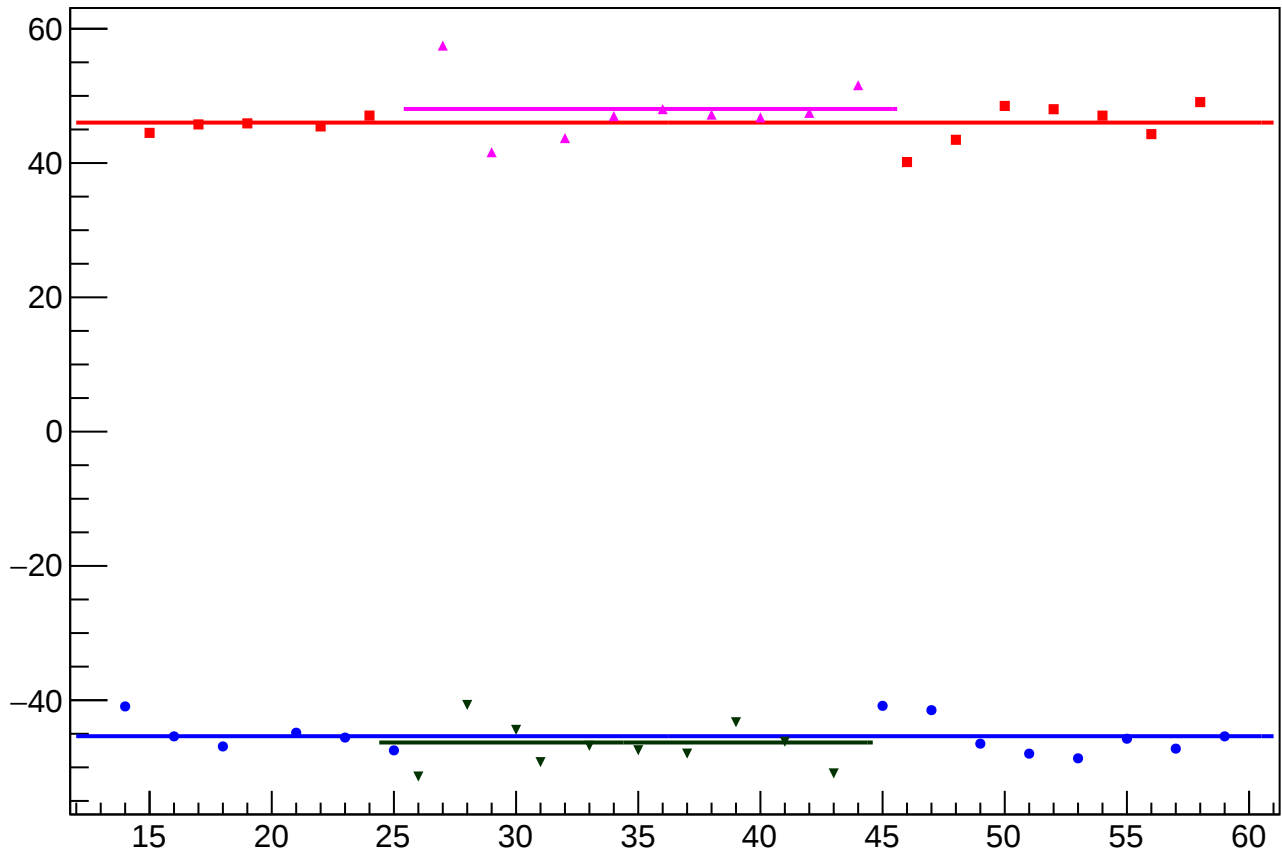
Left Out: 6.316 ± 0.315 χ^2/NDF : 413.3/9

1.907 ± 0.131 χ^2/NDF : 5572.5/44

Right Out: -6.545 ± 0.268 χ^2/NDF : 1763.1/11

Left In: -0.285 ± 0.264 χ^2/NDF : 608.0/8

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.362 ± 0.043 $\chi^2/\text{NDF}: 3424.0/13$

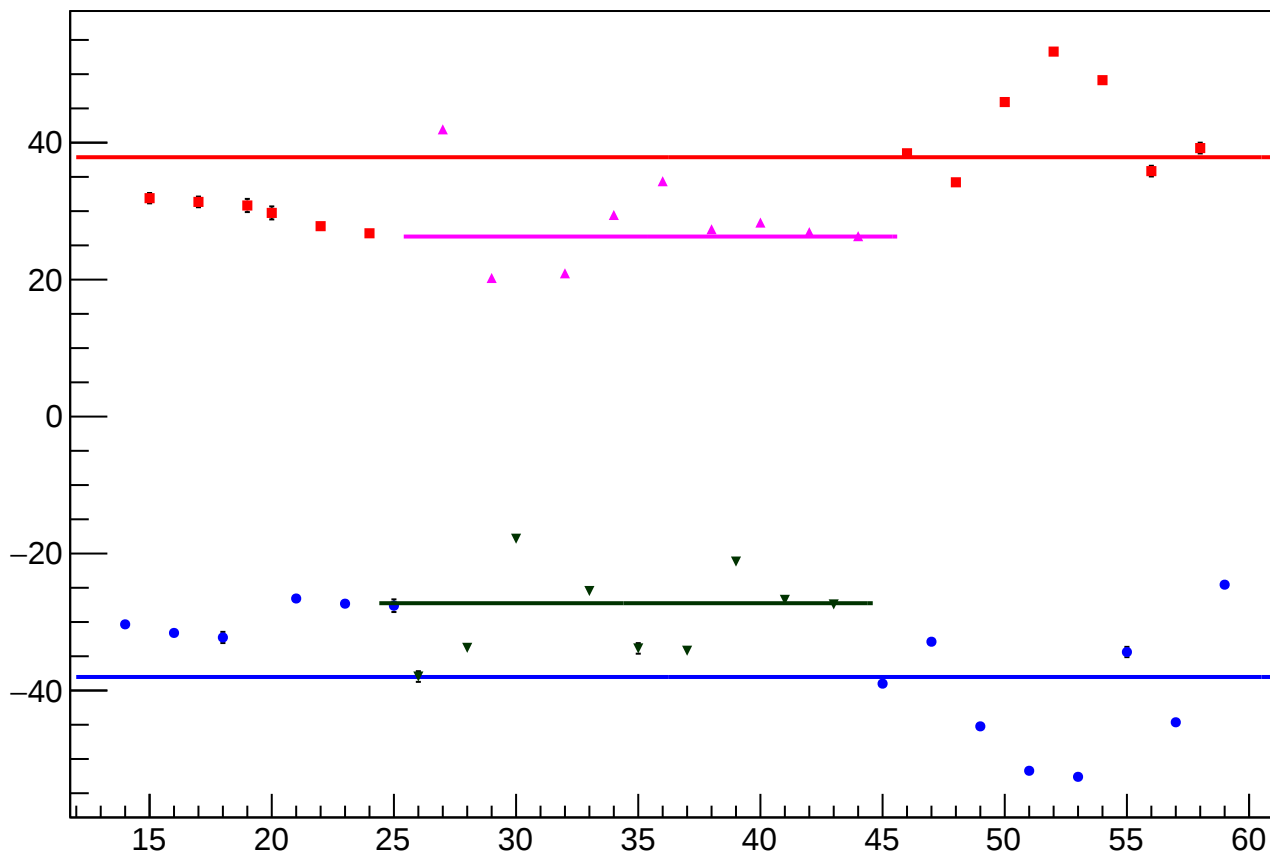
Left Out: -46.298 ± 0.057 $\chi^2/\text{NDF}: 3214.3/9$

Right Out: 46.024 ± 0.048 $\chi^2/\text{NDF}: 2225.5/11$

Left In: 48.054 ± 0.056 $\chi^2/\text{NDF}: 7913.0/8$

-2.667 ± 0.025 $\chi^2/\text{NDF}: 3431089.2/44$

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -38.026 $\pm$ 0.153 χ^2 /NDF: 3608.1/13

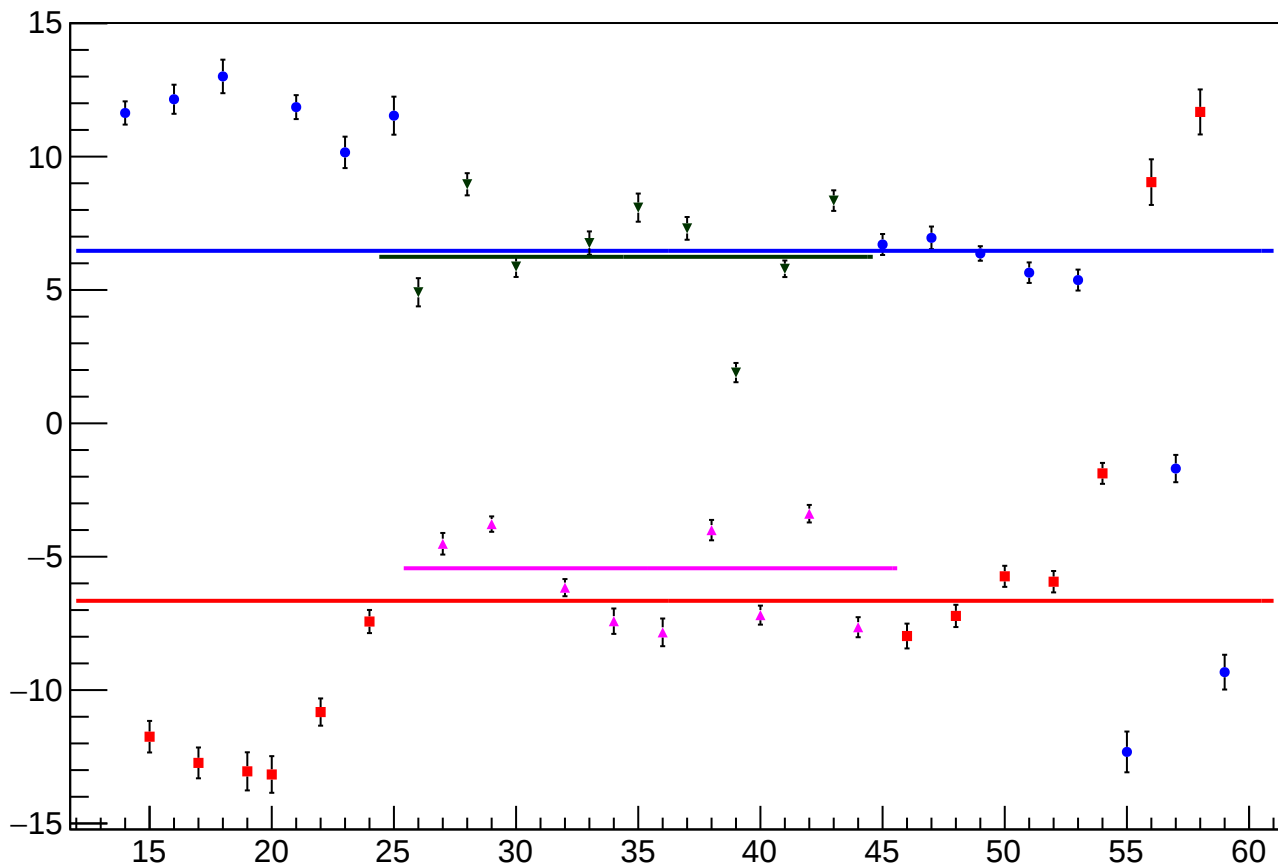
Left Out: -27.253 $\pm$ 0.181 χ^2 /NDF:1073.0/8

Right Out: 37.873 $\pm$ 0.181 χ^2 /NDF: 2275.6/12

Left In: 26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-2.353 $\pm$ 0.084 χ^2 /NDF: 160771.8/44

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.468 ± 0.122 χ^2/NDF : 2051.7/13

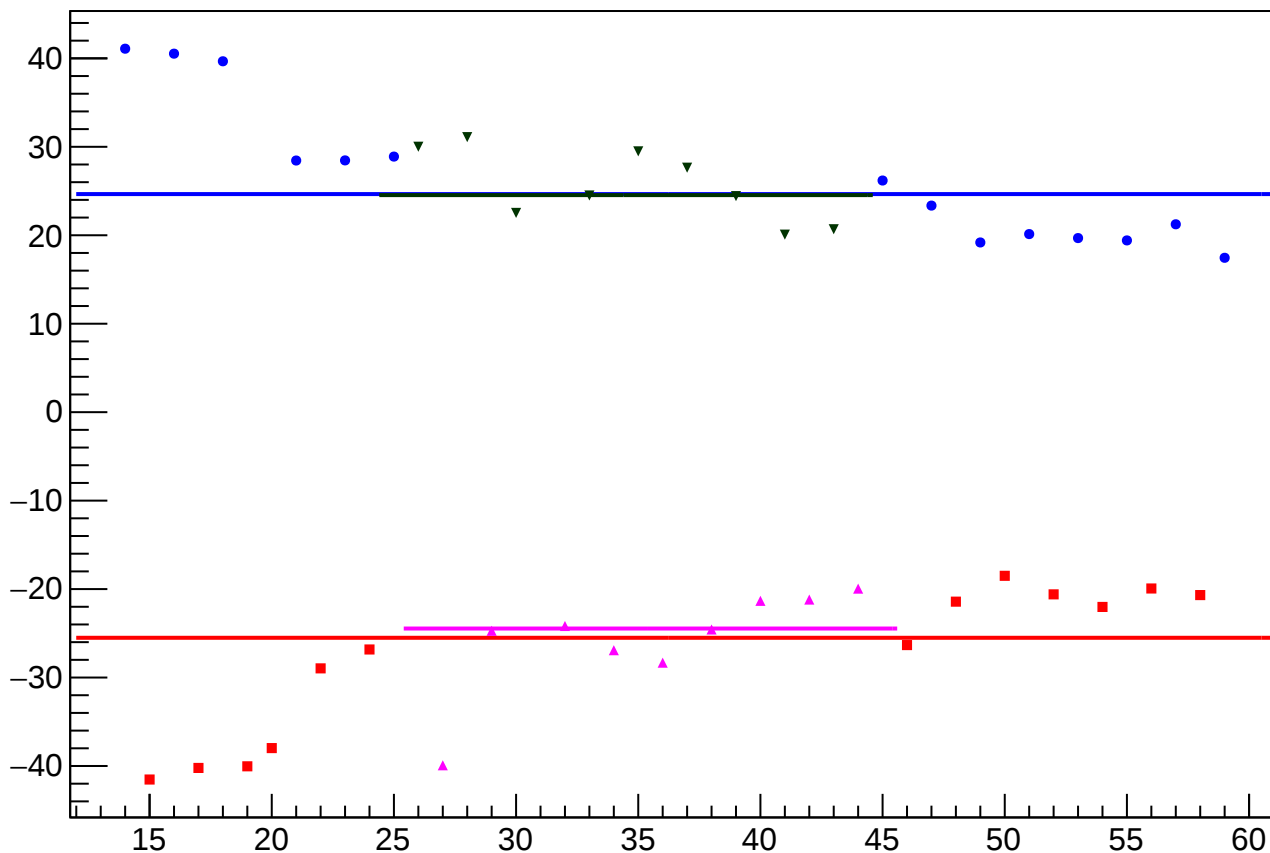
Left Out: 6.243 ± 0.135 χ^2/NDF : 246.4/8

0.312 ± 0.064 χ^2/NDF : 13086.4/44

Right Out: -6.653 ± 0.140 χ^2/NDF : 1399.3/12

Left In: -5.433 ± 0.122 χ^2/NDF : 193.5/8

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 24.655+/-0.028 χ^2/NDF : 64174.3/13

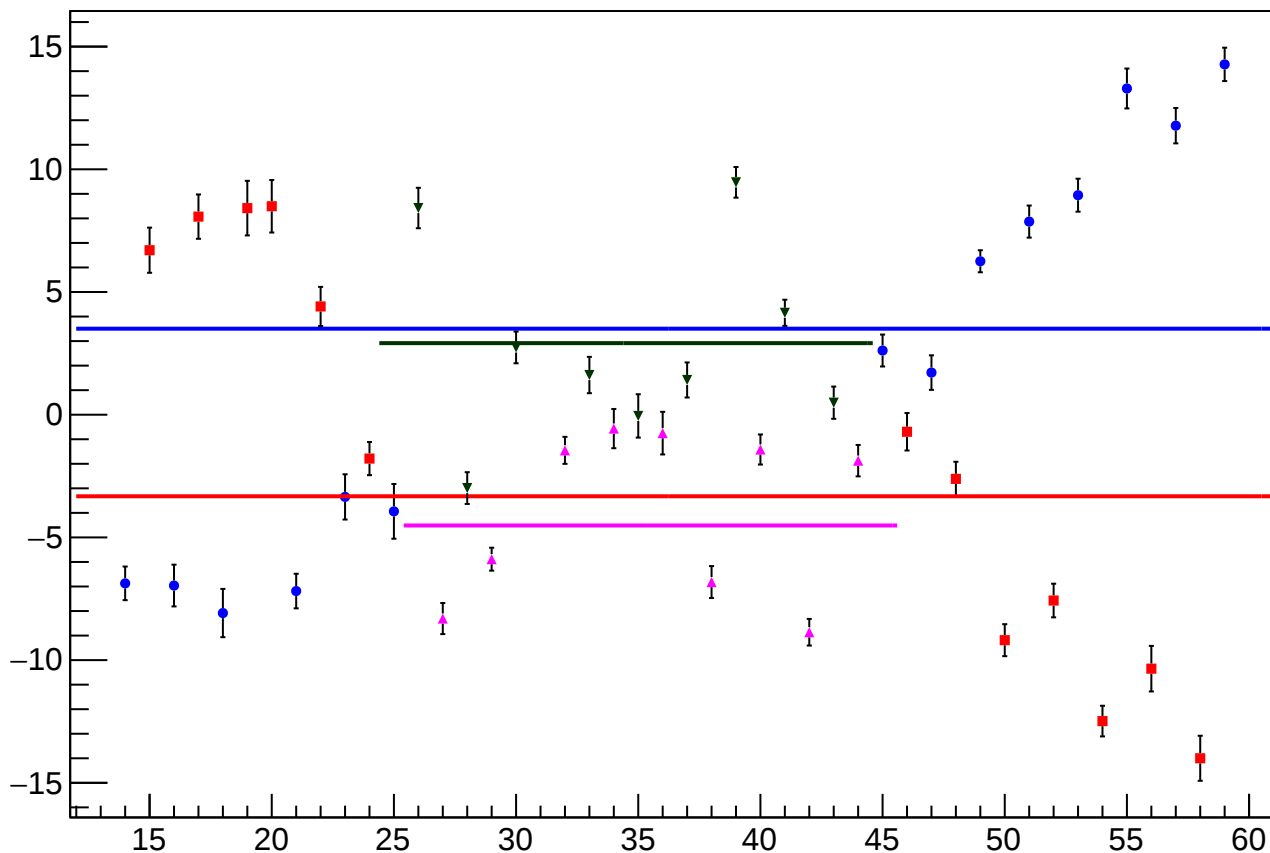
Left Out: 24.539+/-0.030 χ^2/NDF :15395.0/8

0.690+/-0.015 χ^2/NDF : 2980942.8/44

Right Out: -25.506+/-0.032 χ^2/NDF : 47177.7/12

Left In: -24.459+/-0.028 χ^2/NDF :26092.7/8

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 3.505 ± 0.189 $\chi^2/\text{NDF}: 1532.5/13$

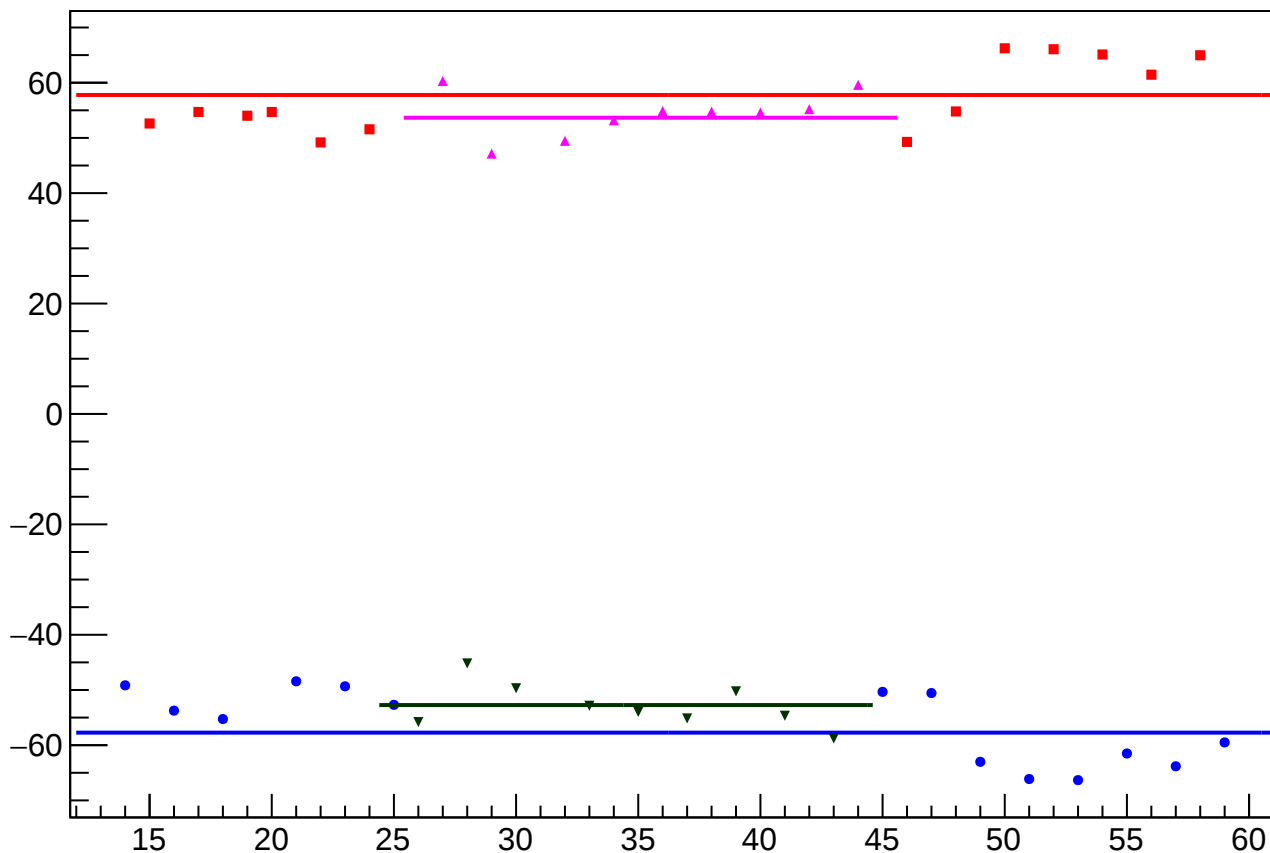
Left Out: 2.917 ± 0.225 $\chi^2/\text{NDF}: 276.0/8$

-0.247 ± 0.104 $\chi^2/\text{NDF}: 4426.7/44$

Right Out: -3.324 ± 0.218 $\chi^2/\text{NDF}: 1150.1/12$

Left In: -4.513 ± 0.204 $\chi^2/\text{NDF}: 238.0/8$

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.726±/-0.036 χ^2/NDF : 32565.1/13

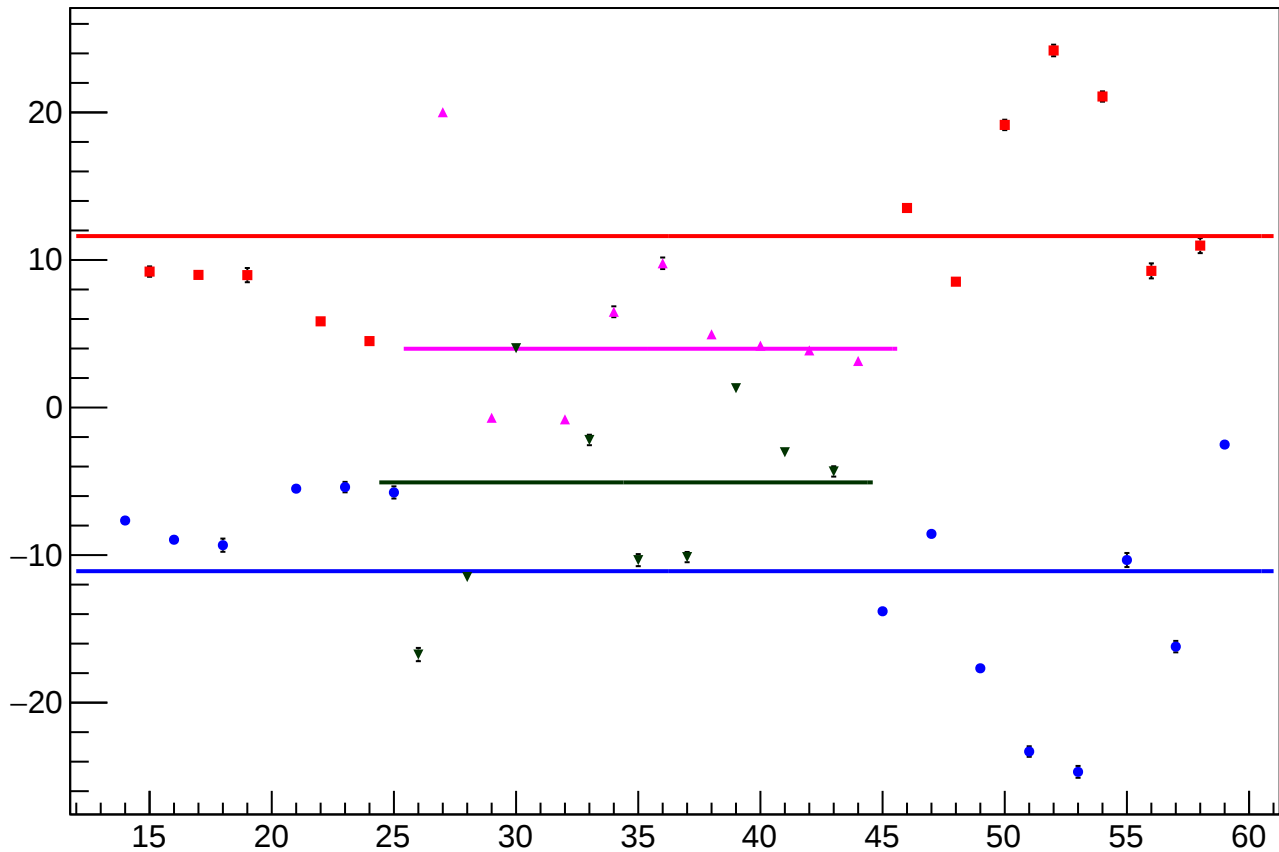
Left Out: -52.733±/-0.041 χ^2/NDF : 8744.9/8

Right Out: 57.780±/-0.040 χ^2/NDF : 27647.2/12

Left In: 53.657±/-0.042 χ^2/NDF : 9587.3/8

-3.452±/-0.020 χ^2/NDF : 8043938.0/44

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -11.090+/-0.084 χ^2/NDF : 5391.6/13

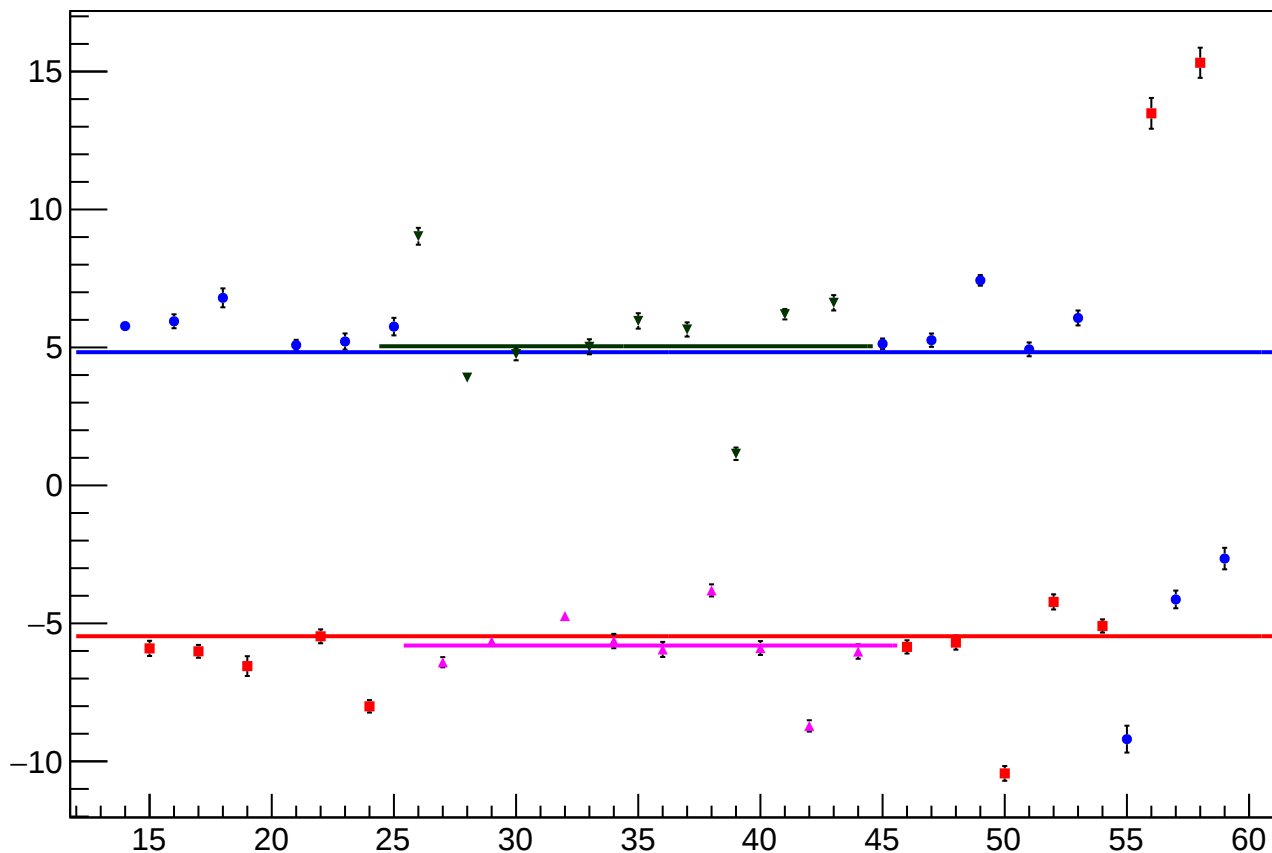
Left Out: -5.073+/-0.106 χ^2/NDF : 3297.3/8

-1.055+/-0.047 χ^2/NDF : 50580.8/43

Right Out: 11.619+/-0.103 χ^2/NDF : 3394.6/11

Left In: 3.984+/-0.091 χ^2/NDF : 4557.3/8

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 4.828 ± 0.066 $\chi^2/\text{NDF}: 2285.5/13$

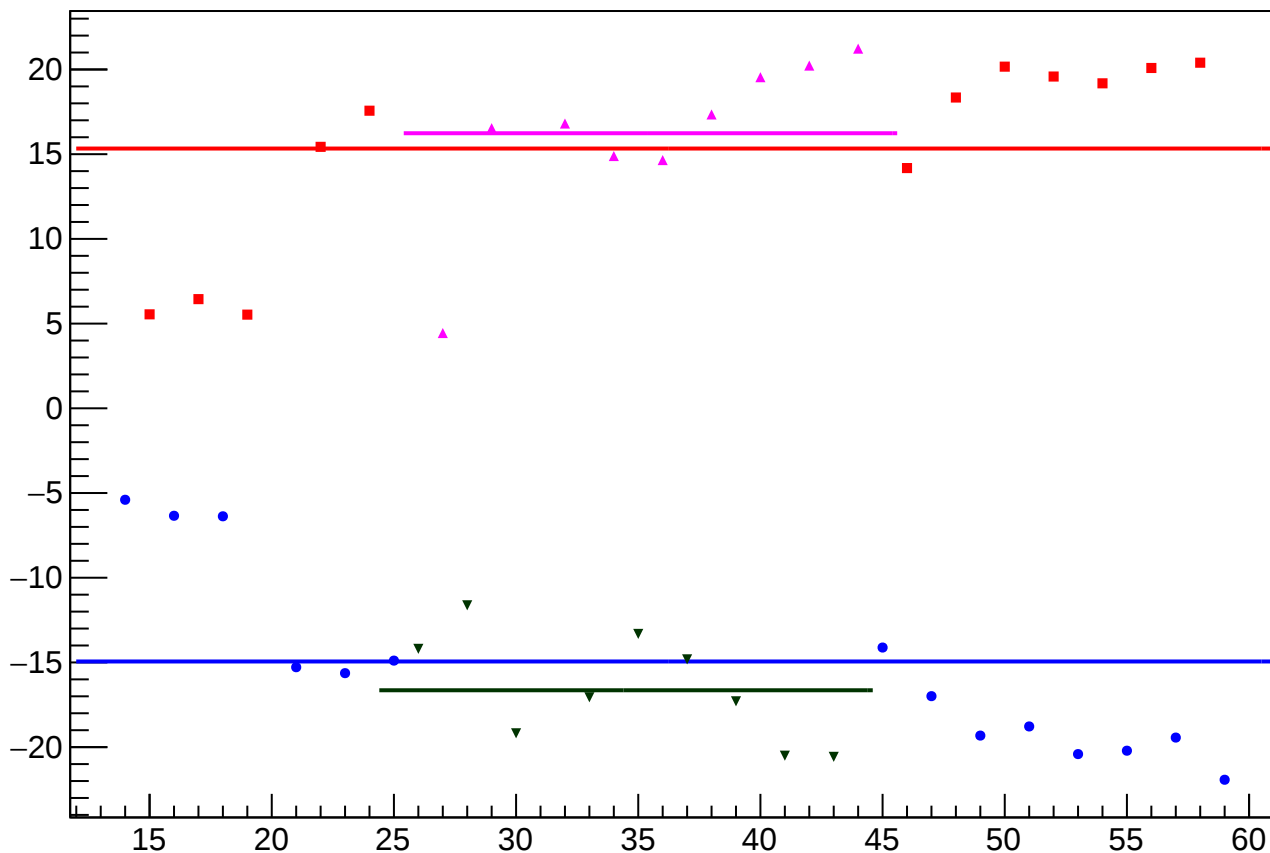
Left Out: 5.043 ± 0.078 $\chi^2/\text{NDF}: 594.0/8$

-0.256 ± 0.036 $\chi^2/\text{NDF}: 27950.1/43$

Right Out: -5.466 ± 0.080 $\chi^2/\text{NDF}: 3109.8/11$

Left In: -5.803 ± 0.067 $\chi^2/\text{NDF}: 343.0/8$

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -14.943 ± 0.015 $\chi^2/\text{NDF}: 117866.9/13$

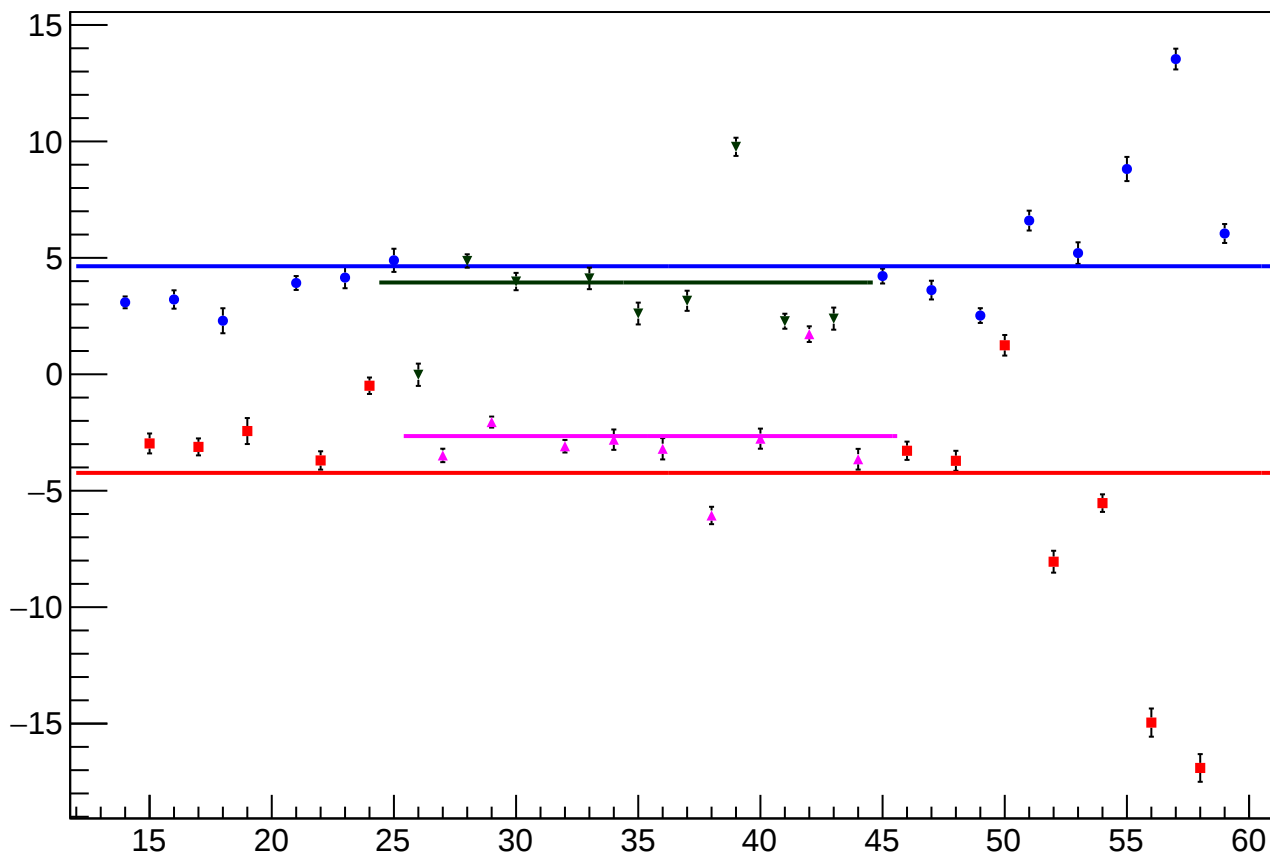
Left Out: -16.643 ± 0.018 $\chi^2/\text{NDF}: 32975.5/8$

-0.364 ± 0.008 $\chi^2/\text{NDF}: 3949418.6/43$

Right Out: 15.333 ± 0.018 $\chi^2/\text{NDF}: 77725.9/11$

Left In: 16.237 ± 0.016 $\chi^2/\text{NDF}: 73670.4/8$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.640 $\pm$ 0.102 χ^2 /NDF: 626.9/13

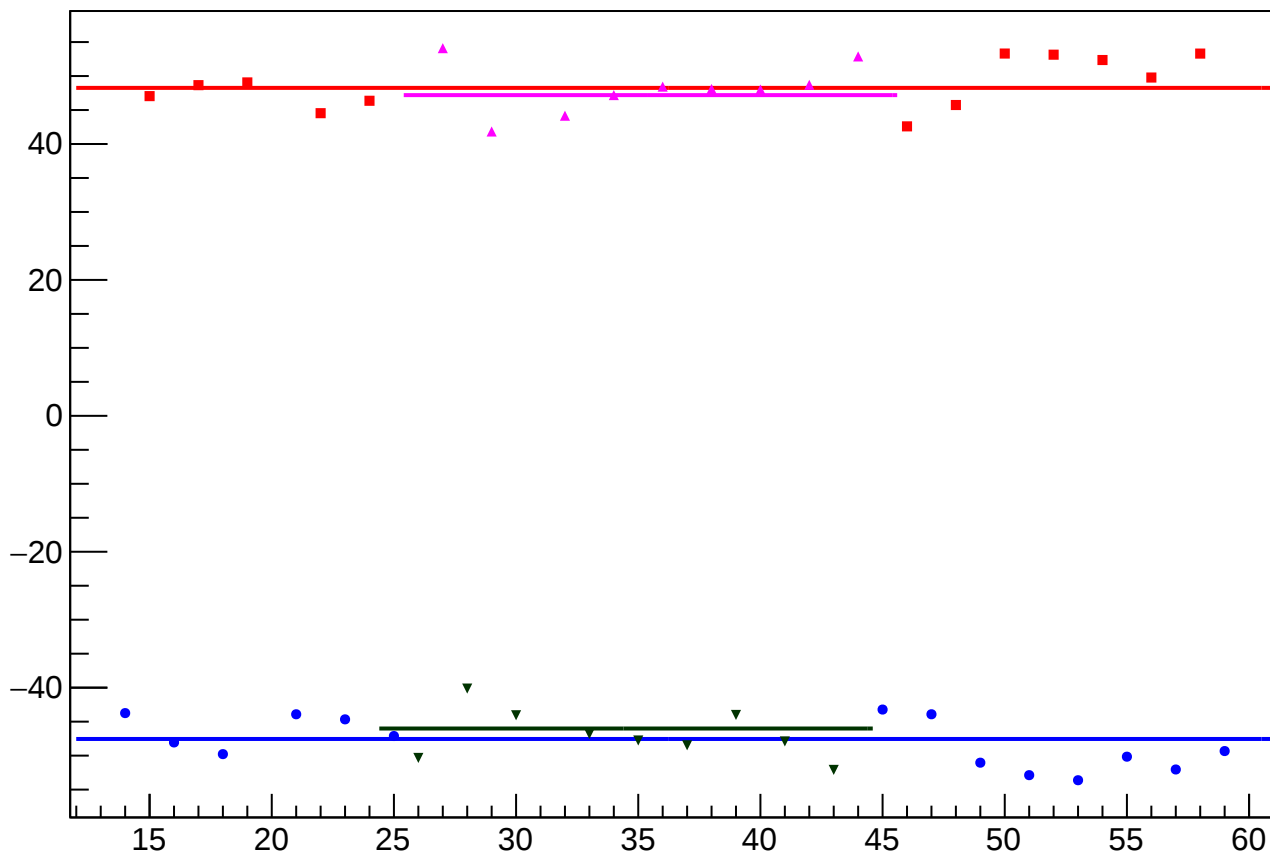
Left Out: 3.942 $\pm$ 0.130 χ^2 /NDF: 350.2/8

0.641 $\pm$ 0.058 χ^2 /NDF: 6992.4/43

Right Out: -4.234 $\pm$ 0.124 χ^2 /NDF: 1148.5/11

Left In: -2.653 $\pm$ 0.112 χ^2 /NDF: 276.7/8

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.550 ± 0.020 χ^2/NDF : 32751.9/13

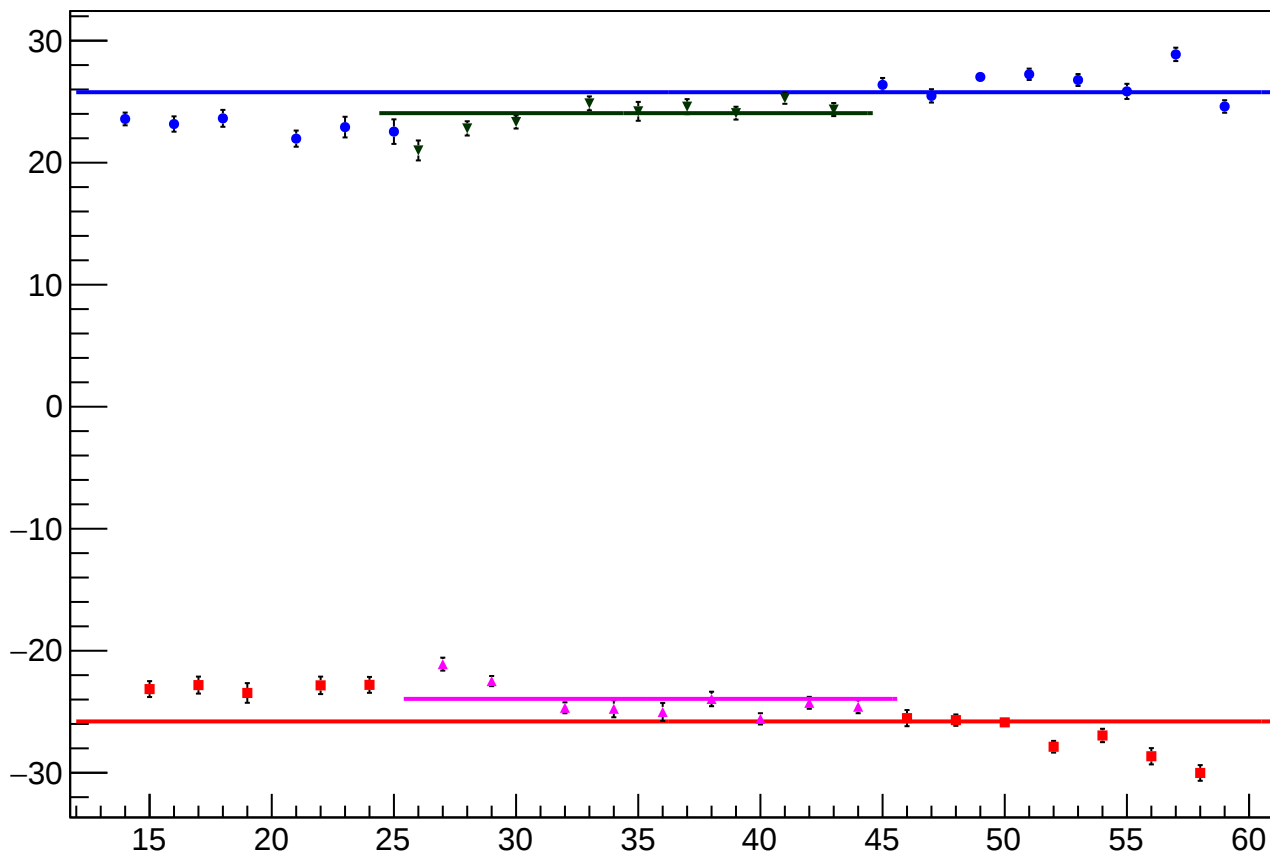
Left Out: -46.011 ± 0.024 χ^2/NDF : 23317.4/8

Right Out: 48.258 ± 0.023 χ^2/NDF : 23049.5/11

Left In: 47.193 ± 0.023 χ^2/NDF : 27380.9/8

-2.743 ± 0.011 χ^2/NDF : 17971181.8/43

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.776 ± 0.139 χ^2/NDF : 173.0/13

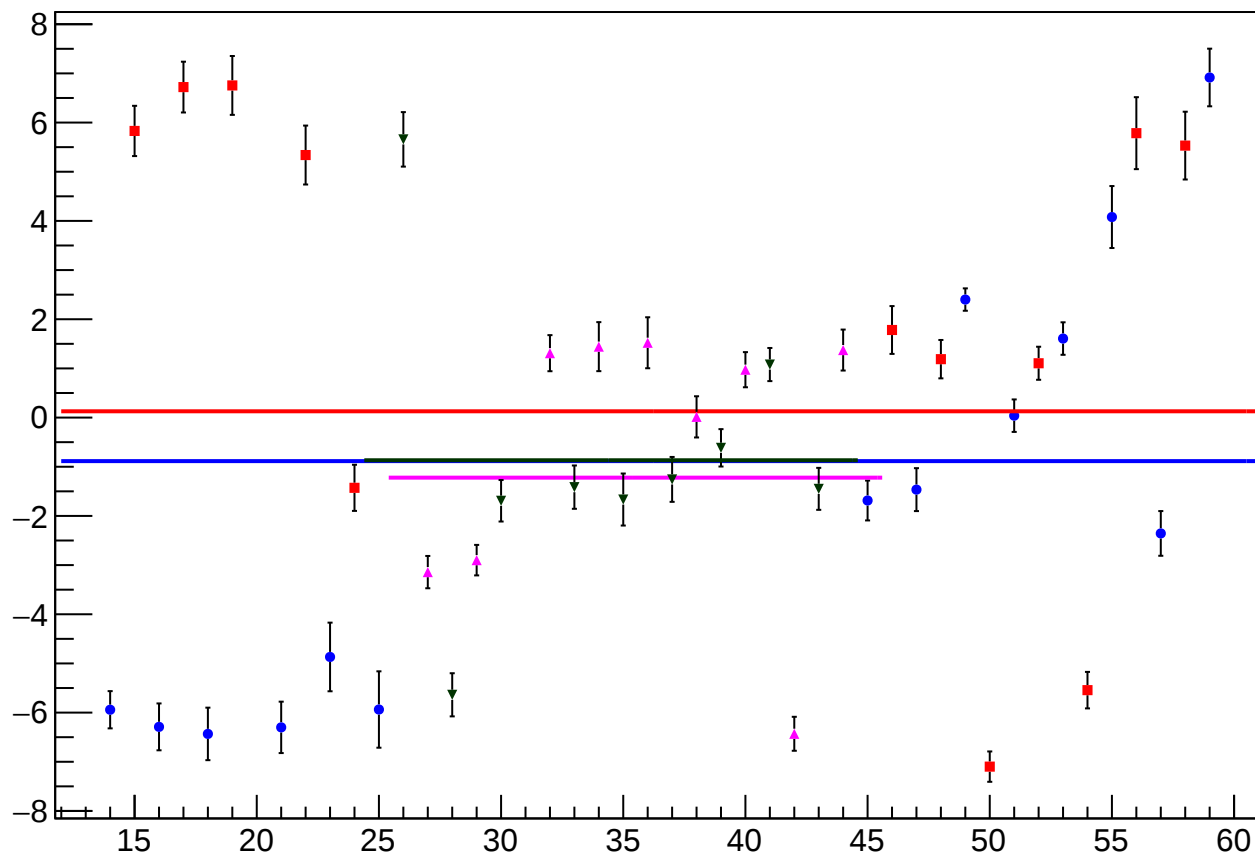
Left Out: 24.059 ± 0.193 χ^2/NDF : 30.4/8

Right Out: -25.793 ± 0.168 χ^2/NDF : 166.0/11

Left In: -23.945 ± 0.173 χ^2/NDF : 61.7/8

1.769 ± 0.082 χ^2/NDF : 92612.7/43

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -0.885 ± 0.111 χ^2/NDF : 1125.4/13

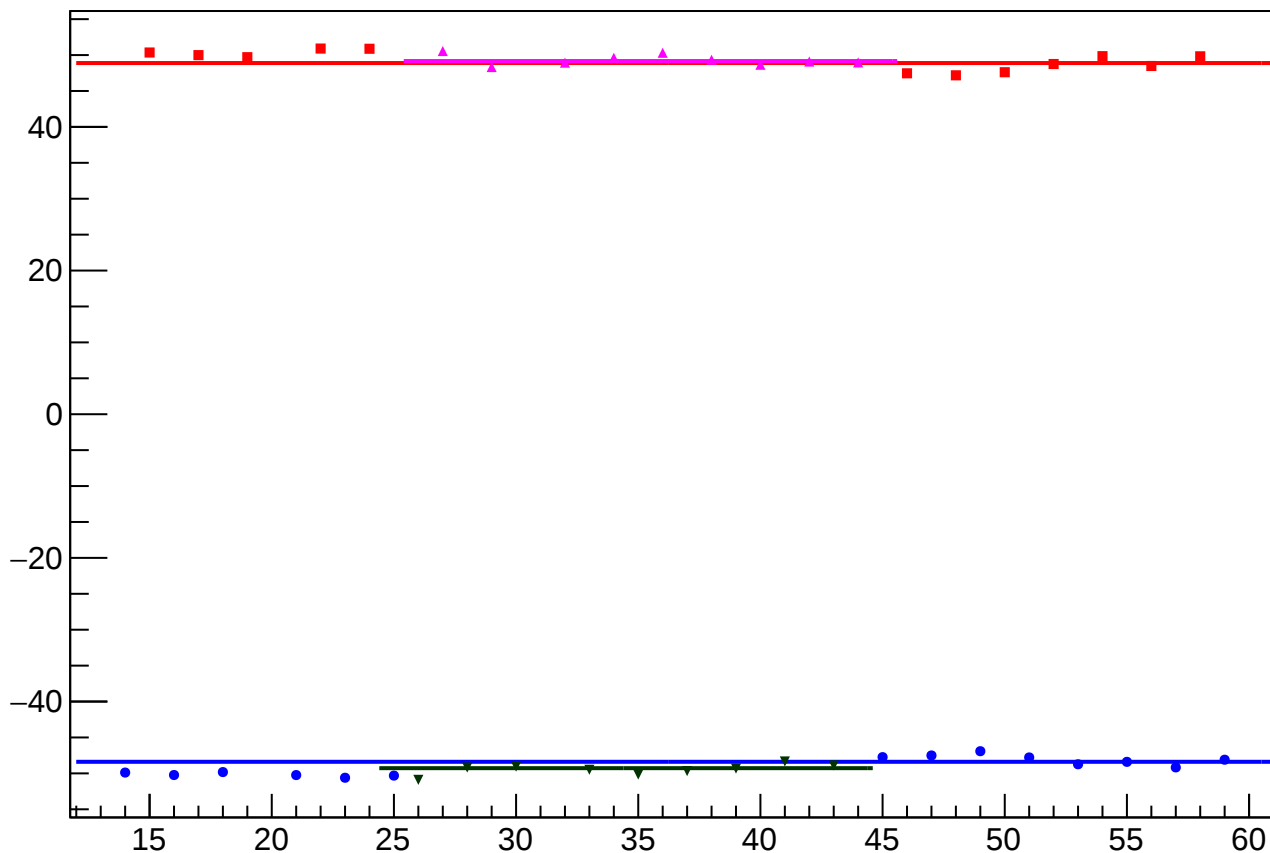
Left Out: -0.868 ± 0.143 χ^2/NDF : 300.9/8

Right Out: 0.128 ± 0.130 χ^2/NDF : 1427.0/11

Left In: -1.222 ± 0.126 χ^2/NDF : 480.3/8

-0.728 ± 0.063 χ^2/NDF : 3395.1/43

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.387 ± 0.026 χ^2/NDF : 2138.1/13

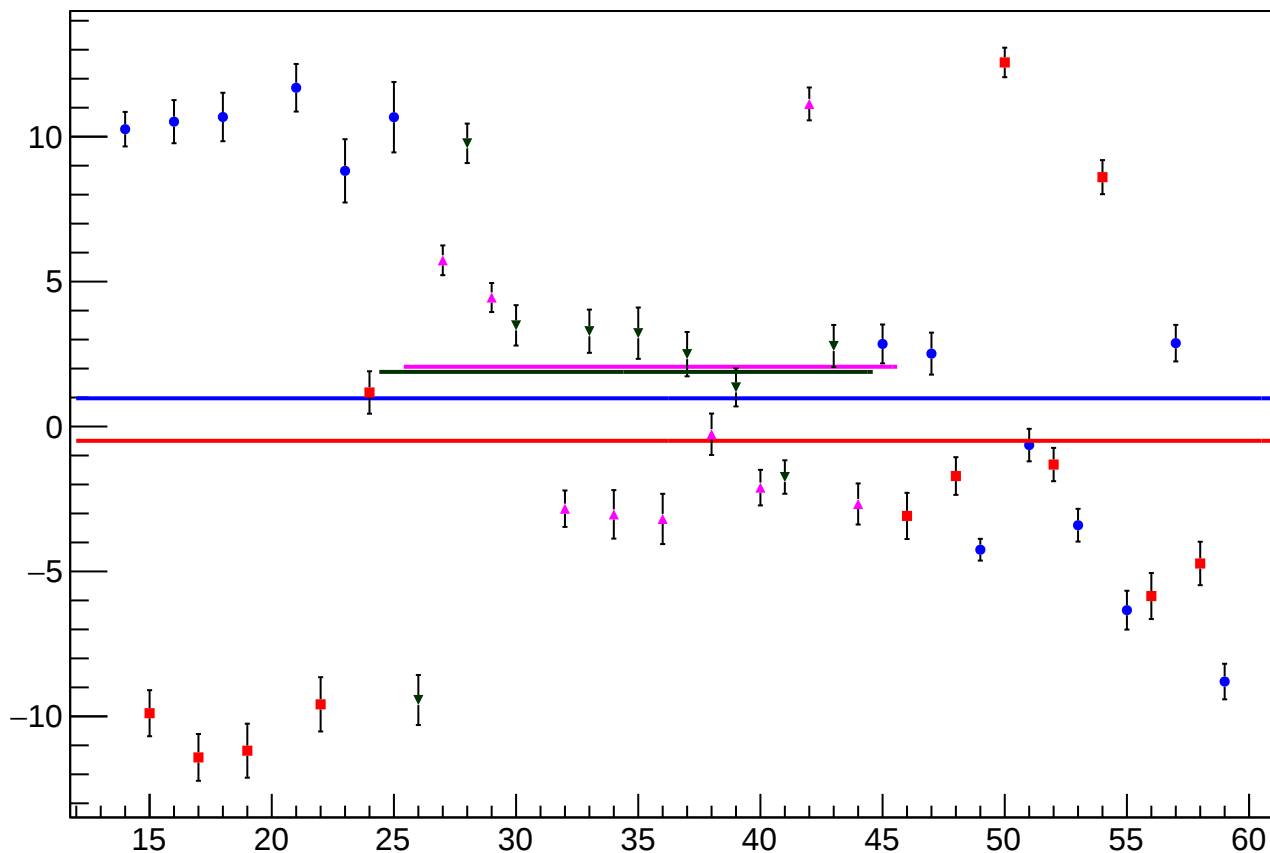
Left Out: -49.275 ± 0.032 χ^2/NDF : 373.5/8

Right Out: 48.891 ± 0.030 χ^2/NDF : 1821.3/11

Left In: 49.168 ± 0.030 χ^2/NDF : 481.7/8

-2.397 ± 0.015 χ^2/NDF : 11286473.0/43

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 0.973 ± 0.171 $\chi^2/\text{NDF}: 1484.9/13$

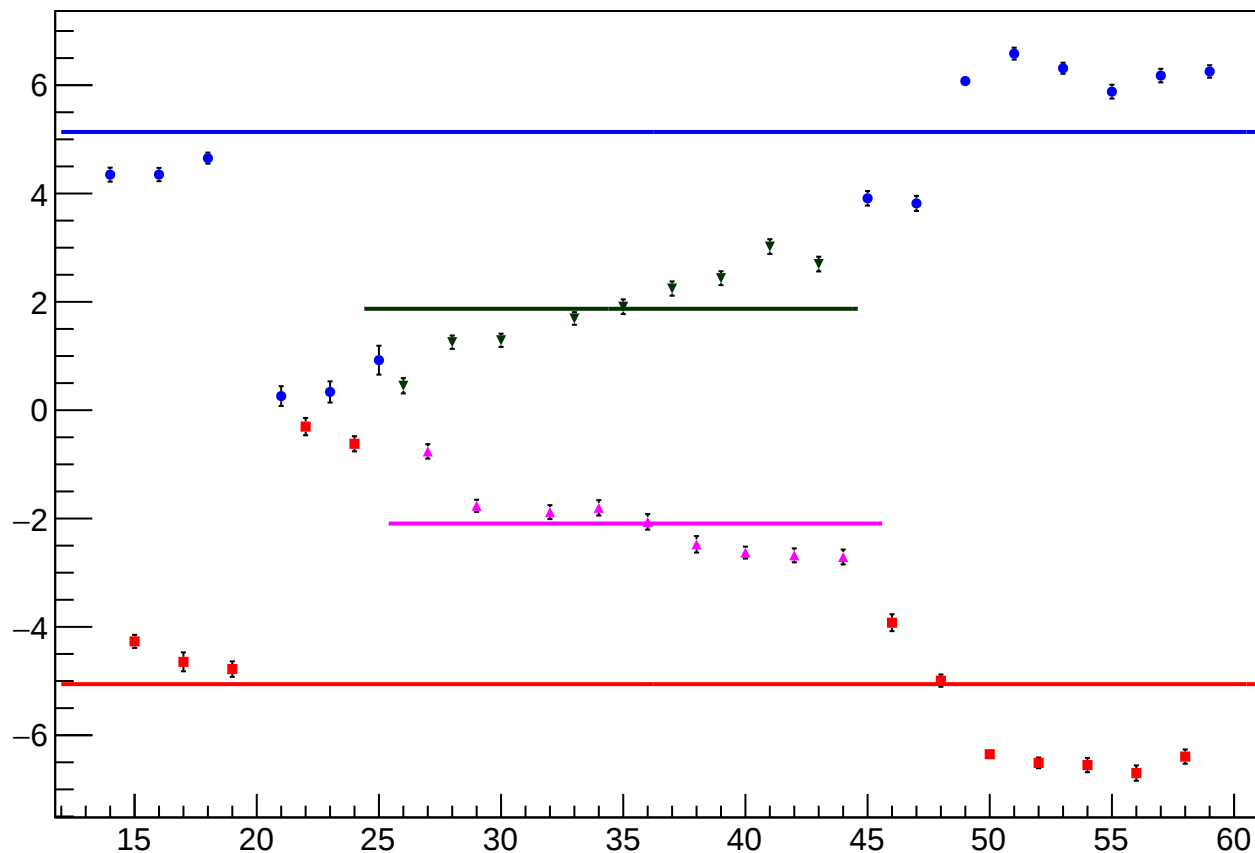
Left Out: 1.884 ± 0.239 $\chi^2/\text{NDF}: 359.4/8$

1.025 ± 0.101 $\chi^2/\text{NDF}: 4048.4/43$

Right Out: -0.493 ± 0.203 $\chi^2/\text{NDF}: 1544.5/11$

Left In: 2.062 ± 0.209 $\chi^2/\text{NDF}: 565.9/8$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.136+/-0.032 χ^2/NDF : 2510.5/13

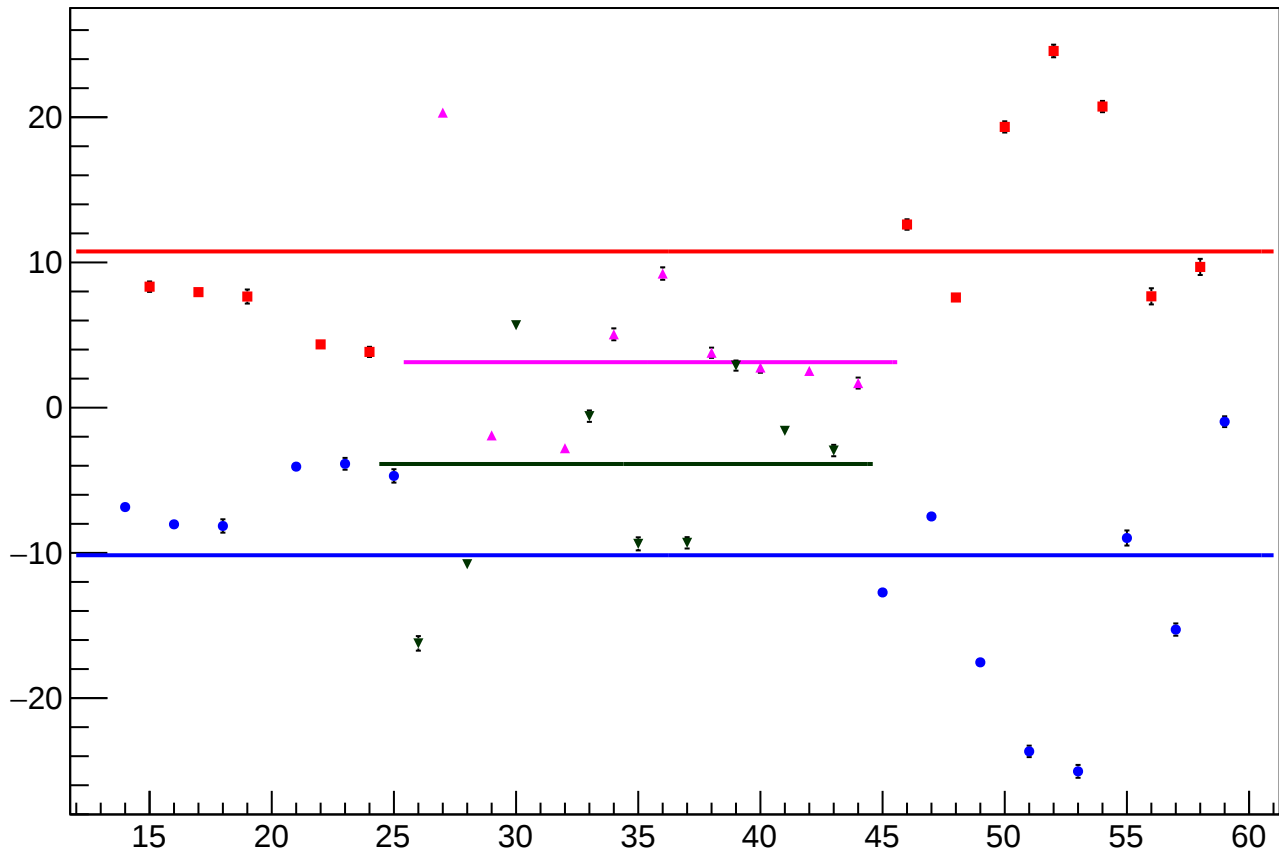
Left Out: 1.872+/-0.043 χ^2/NDF : 285.3/8

Right Out: -5.057+/-0.037 χ^2/NDF : 2769.7/11

Left In: -2.092+/-0.043 χ^2/NDF : 185.6/8

0.402+/-0.019 χ^2/NDF : 54134.5/43

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -10.163 $\pm$ 0.090 χ^2 /NDF: 5205.6/13

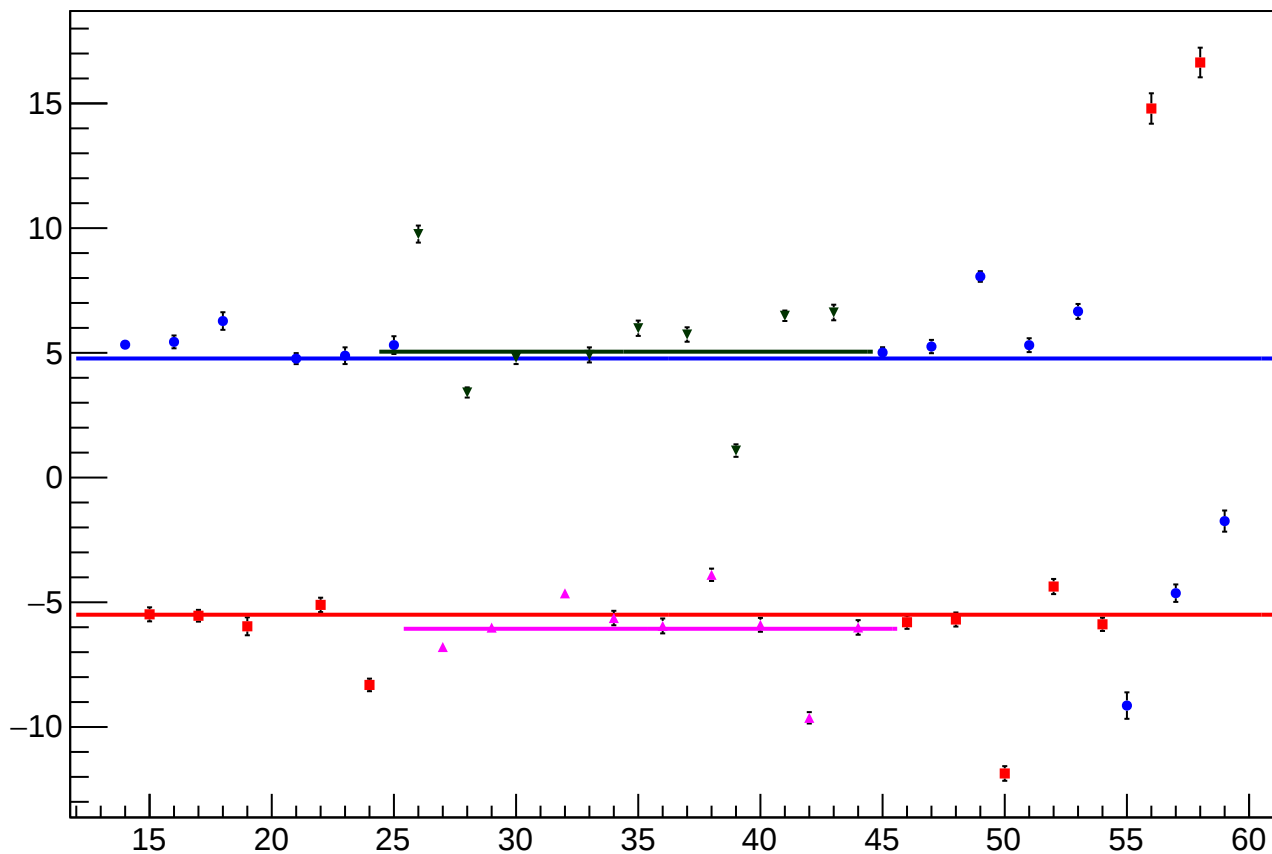
Left Out: -3.879 $\pm$ 0.119 χ^2 /NDF: 2969.1/8

Right Out: 10.757 $\pm$ 0.112 χ^2 /NDF: 3207.4/11

Left In: 3.132 $\pm$ 0.102 χ^2 /NDF: 4858.7/8

-0.964 $\pm$ 0.052 χ^2 /NDF: 39795.8/43

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 4.774 $\pm$ 0.071 χ^2 /NDF: 1972.0/13

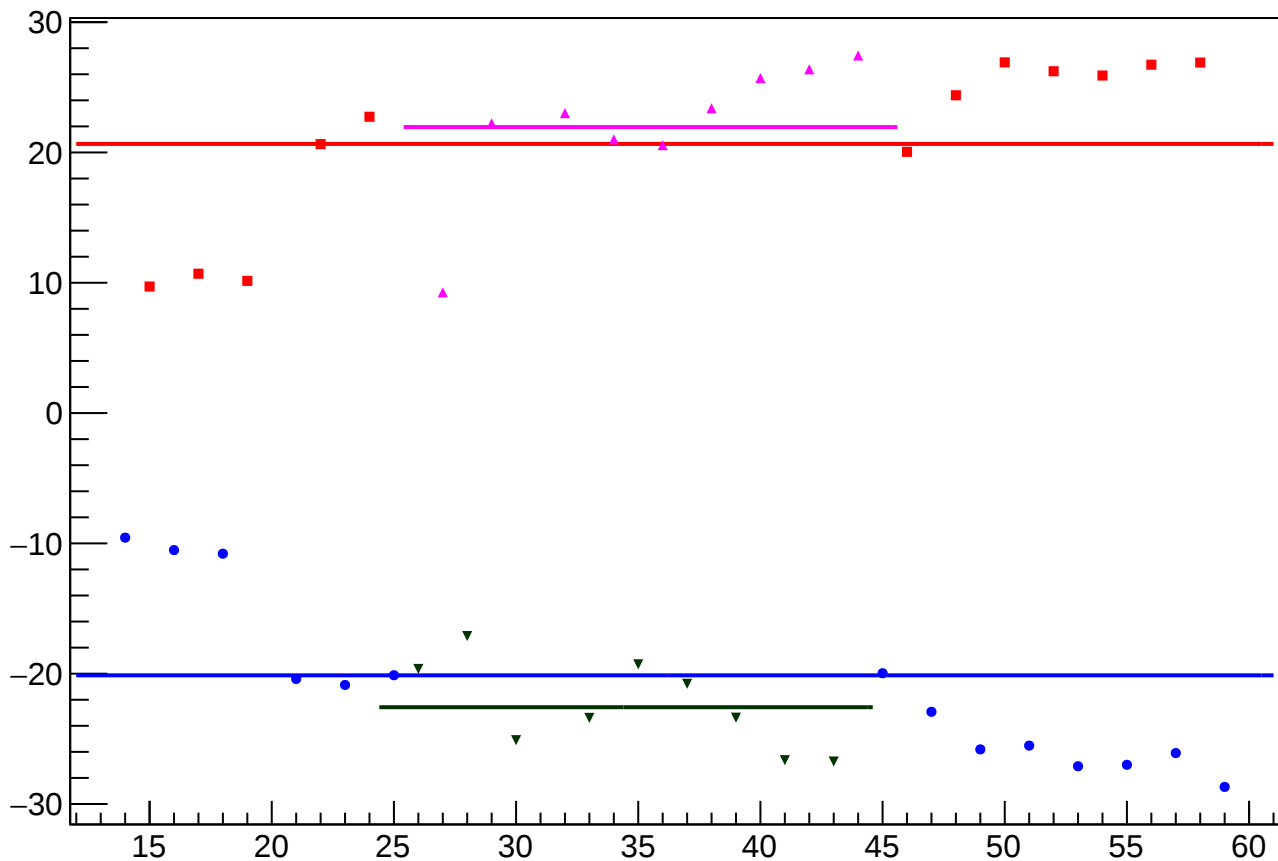
Left Out: 5.047 $\pm$ 0.088 χ^2 /NDF: 592.2/8

-0.333 $\pm$ 0.039 χ^2 /NDF: 24552.1/43

Right Out: -5.498 $\pm$ 0.086 χ^2 /NDF: 3109.7/11

Left In: -6.062 $\pm$ 0.075 χ^2 /NDF: 400.5/8

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -20.127 $\pm$ 0.016 χ^2 /NDF: 151308.5/13

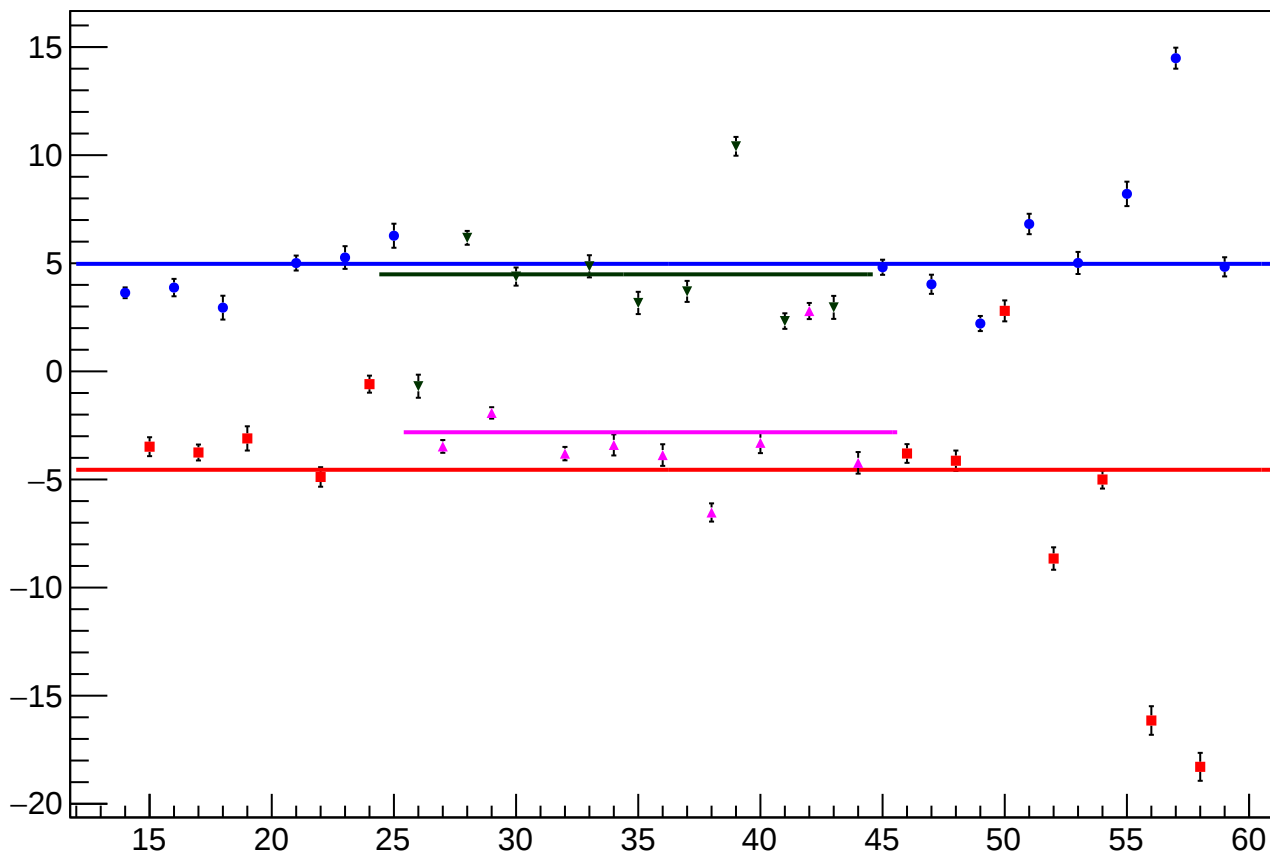
Left Out: -22.572 $\pm$ 0.020 χ^2 /NDF: 29848.4/8

Right Out: 20.654 $\pm$ 0.020 χ^2 /NDF: 96075.2/11

Left In: 21.949 $\pm$ 0.017 χ^2 /NDF: 78862.5/8

-0.579 $\pm$ 0.009 χ^2 /NDF: 5822163.1/43

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.973 $\pm$ 0.110 χ^2 /NDF: 553.9/13

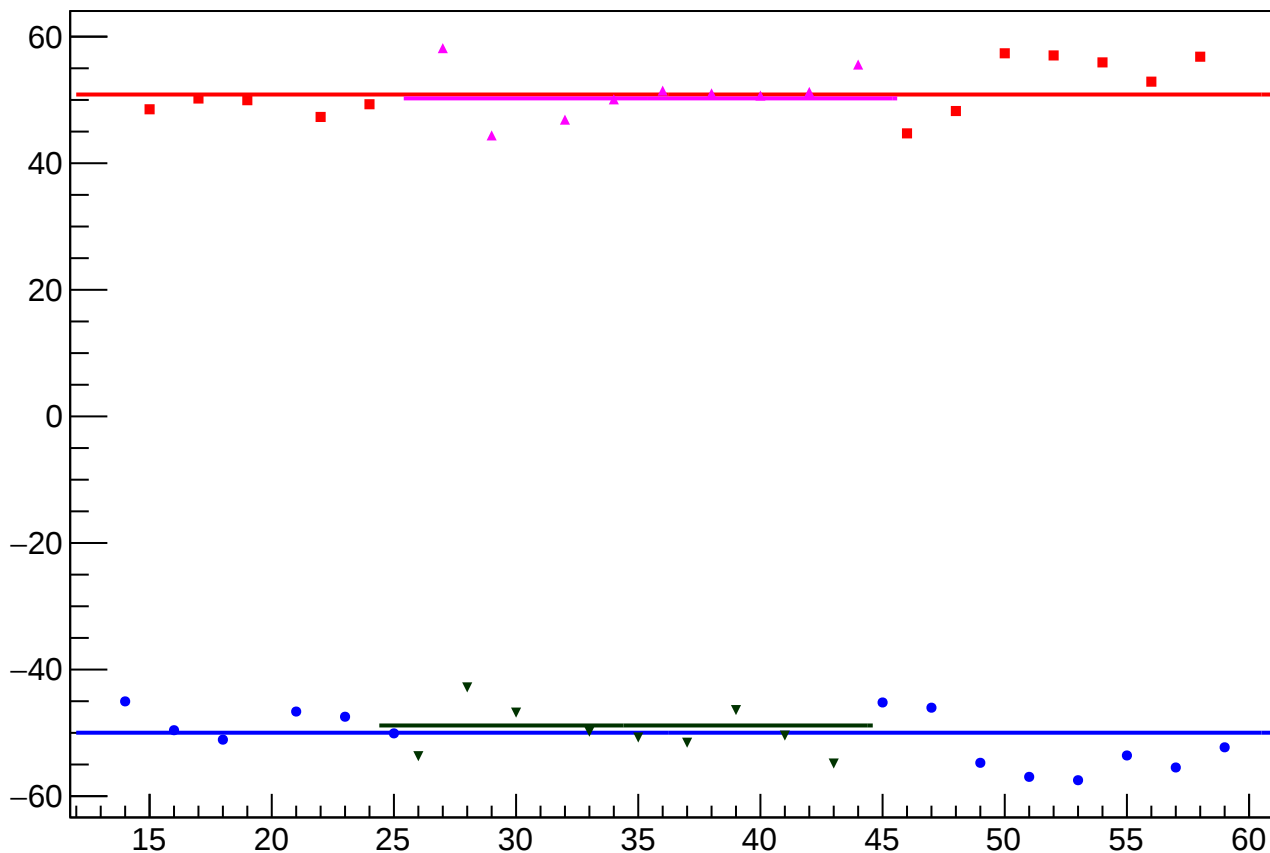
Left Out: 4.488 $\pm$ 0.145 χ^2 /NDF: 361.4/8

0.750 $\pm$ 0.063 χ^2 /NDF: 6966.7/43

Right Out: -4.552 $\pm$ 0.134 χ^2 /NDF: 1175.8/11

Left In: -2.816 $\pm$ 0.123 χ^2 /NDF: 345.0/8

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.976 ± 0.021 χ^2/NDF : 39888.6/13

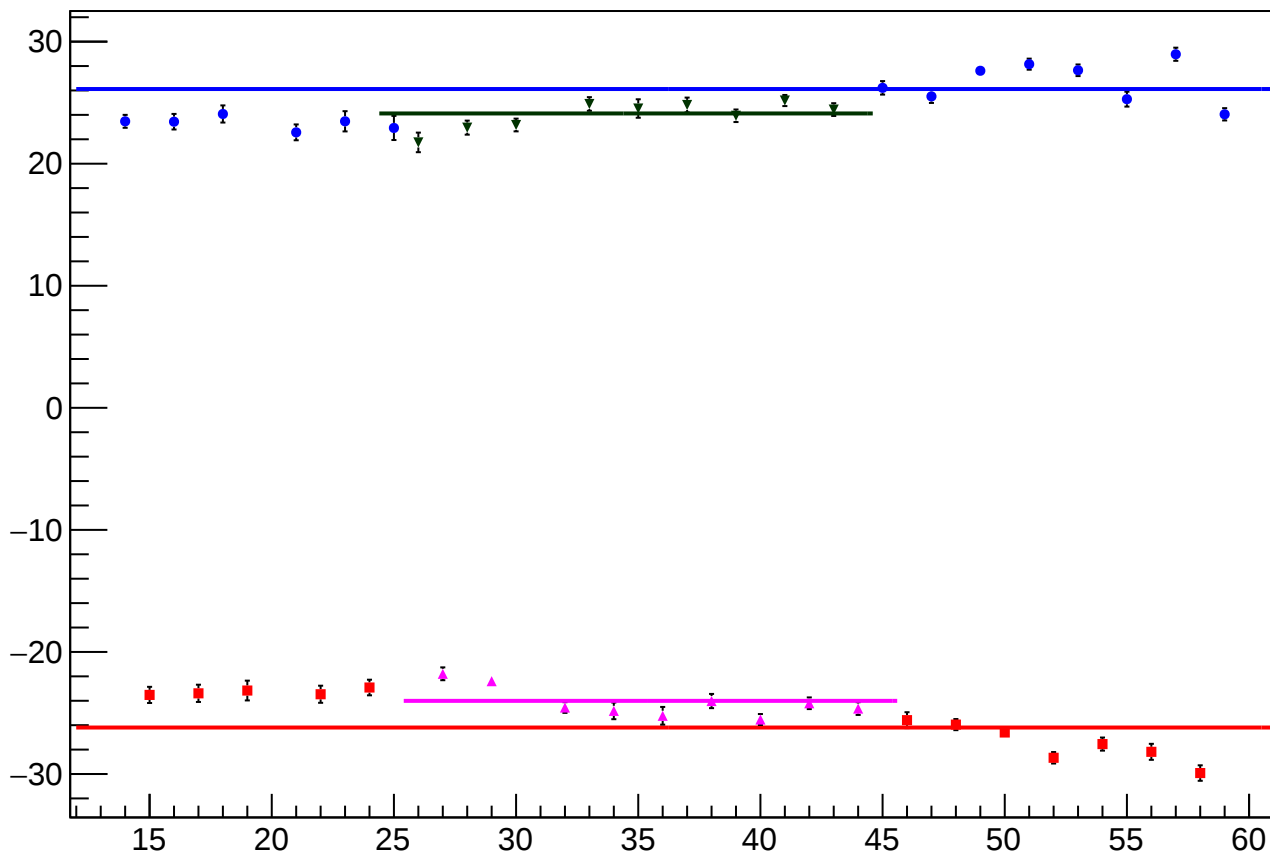
Left Out: -48.833 ± 0.027 χ^2/NDF : 20149.2/8

Right Out: 50.858 ± 0.025 χ^2/NDF : 26148.8/11

Left In: 50.244 ± 0.026 χ^2/NDF : 27249.9/8

-2.904 ± 0.012 χ^2/NDF : 16843178.4/43

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 26.117 ± 0.137 $\chi^2/\text{NDF}: 212.1/13$

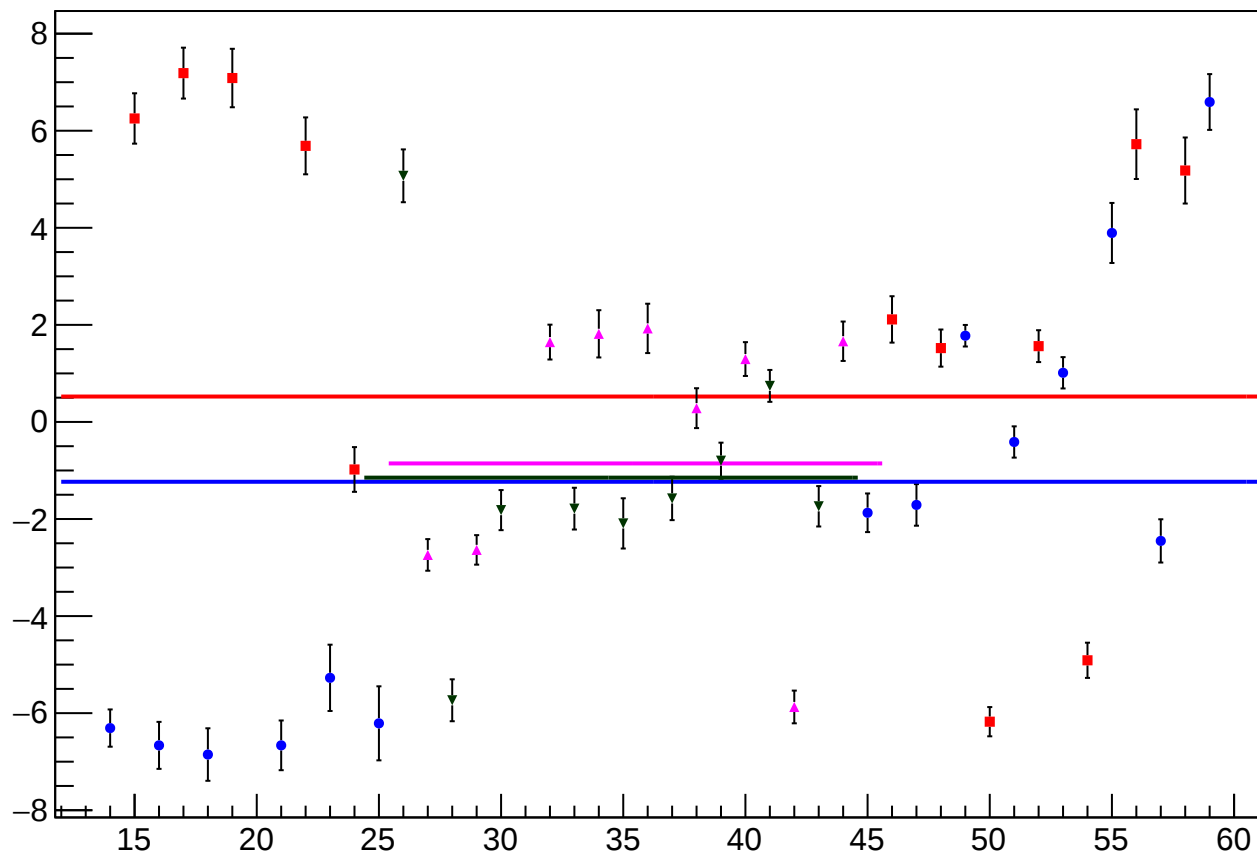
Left Out: 24.116 ± 0.188 $\chi^2/\text{NDF}: 25.5/8$

1.797 ± 0.081 $\chi^2/\text{NDF}: 97905.8/43$

Right Out: -26.192 ± 0.165 $\chi^2/\text{NDF}: 167.5/11$

Left In: -24.007 ± 0.169 $\chi^2/\text{NDF}: 52.5/8$

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.233 ± 0.109 $\chi^2/\text{NDF}: 1102.3/13$

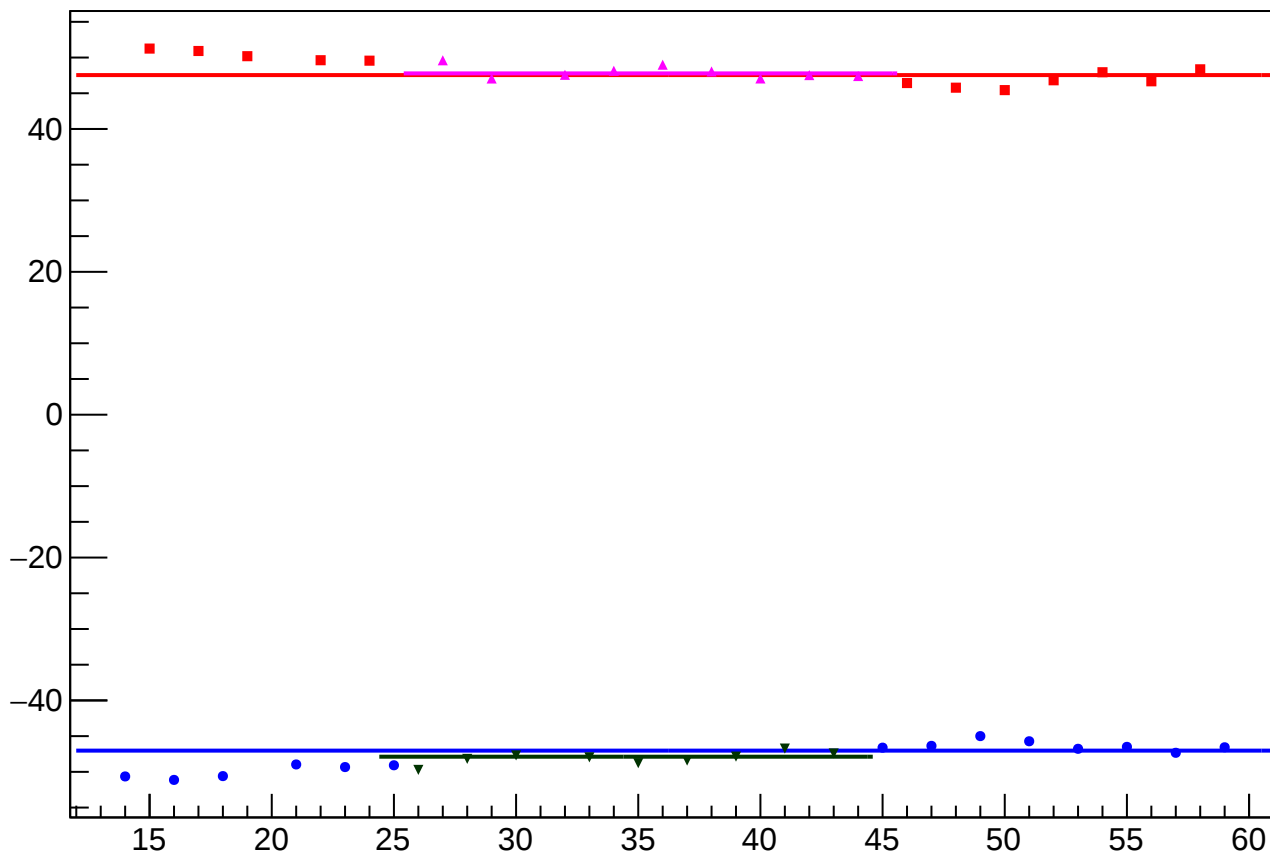
Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF}: 288.4/8$

Right Out: 0.524 ± 0.128 $\chi^2/\text{NDF}: 1336.6/11$

Left In: -0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.712 ± 0.062 $\chi^2/\text{NDF}: 3336.2/43$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.028 ± 0.025 $\chi^2/\text{NDF}: 5490.8/13$

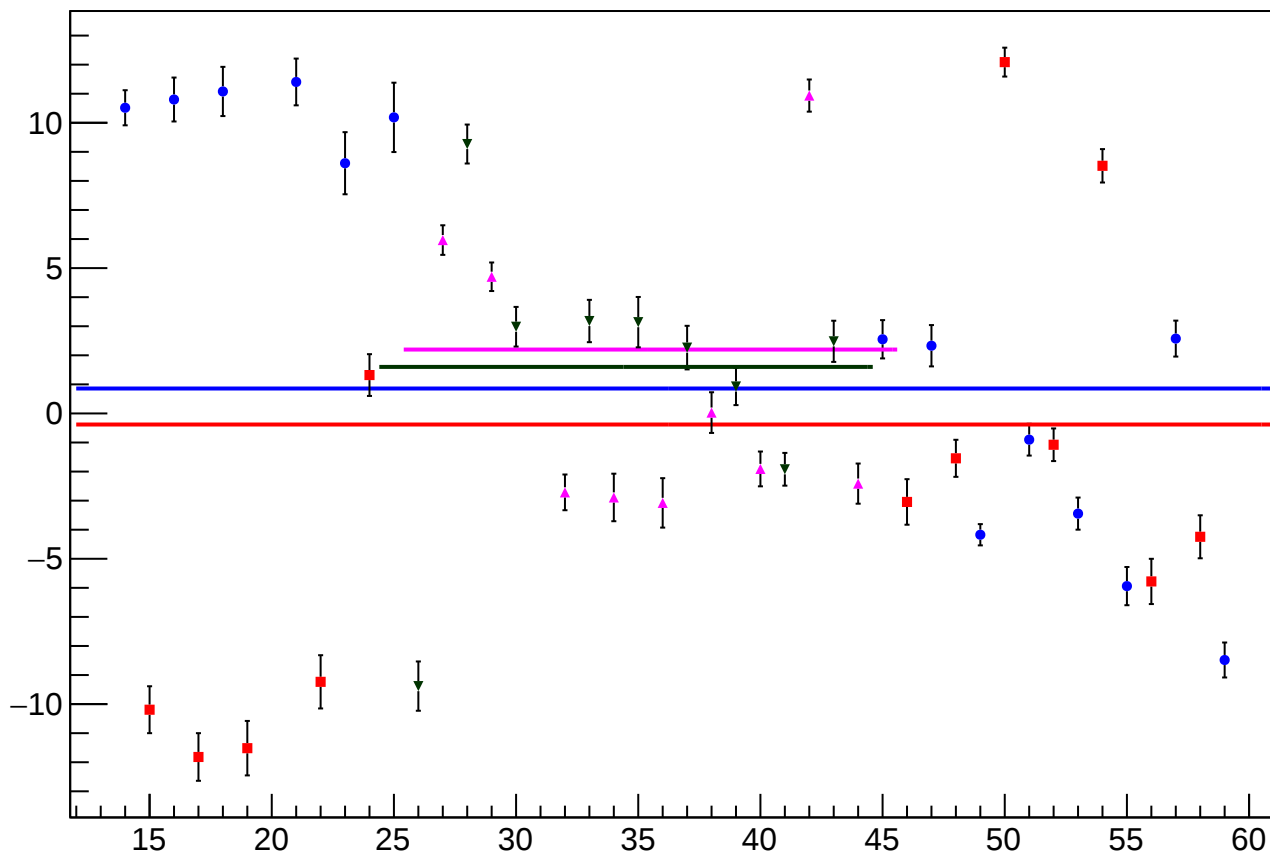
Left Out: -47.879 ± 0.032 $\chi^2/\text{NDF}: 529.0/8$

Right Out: 47.544 ± 0.029 $\chi^2/\text{NDF}: 3840.2/11$

Left In: 47.781 ± 0.029 $\chi^2/\text{NDF}: 692.9/8$

-2.334 ± 0.014 $\chi^2/\text{NDF}: 11077823.6/43$

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.858 ± 0.169 χ^2/NDF : 1487.3/13

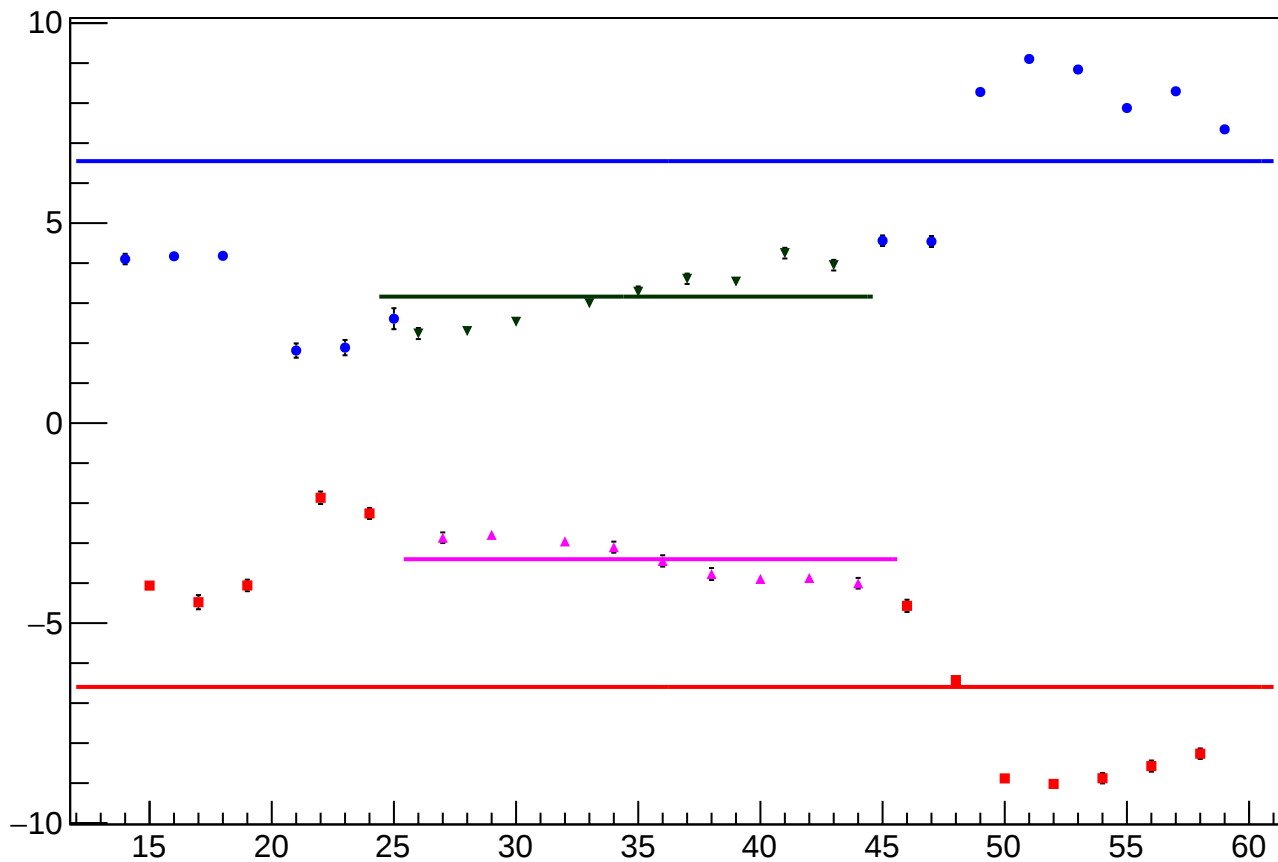
Left Out: 1.601 ± 0.233 χ^2/NDF : 353.2/8

Right Out: -0.381 ± 0.200 χ^2/NDF : 1543.6/11

Left In: 2.198 ± 0.205 χ^2/NDF : 572.6/8

0.998 ± 0.099 χ^2/NDF : 4045.9/43

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.549 ± 0.032 $\chi^2/\text{NDF}: 5260.3/13$

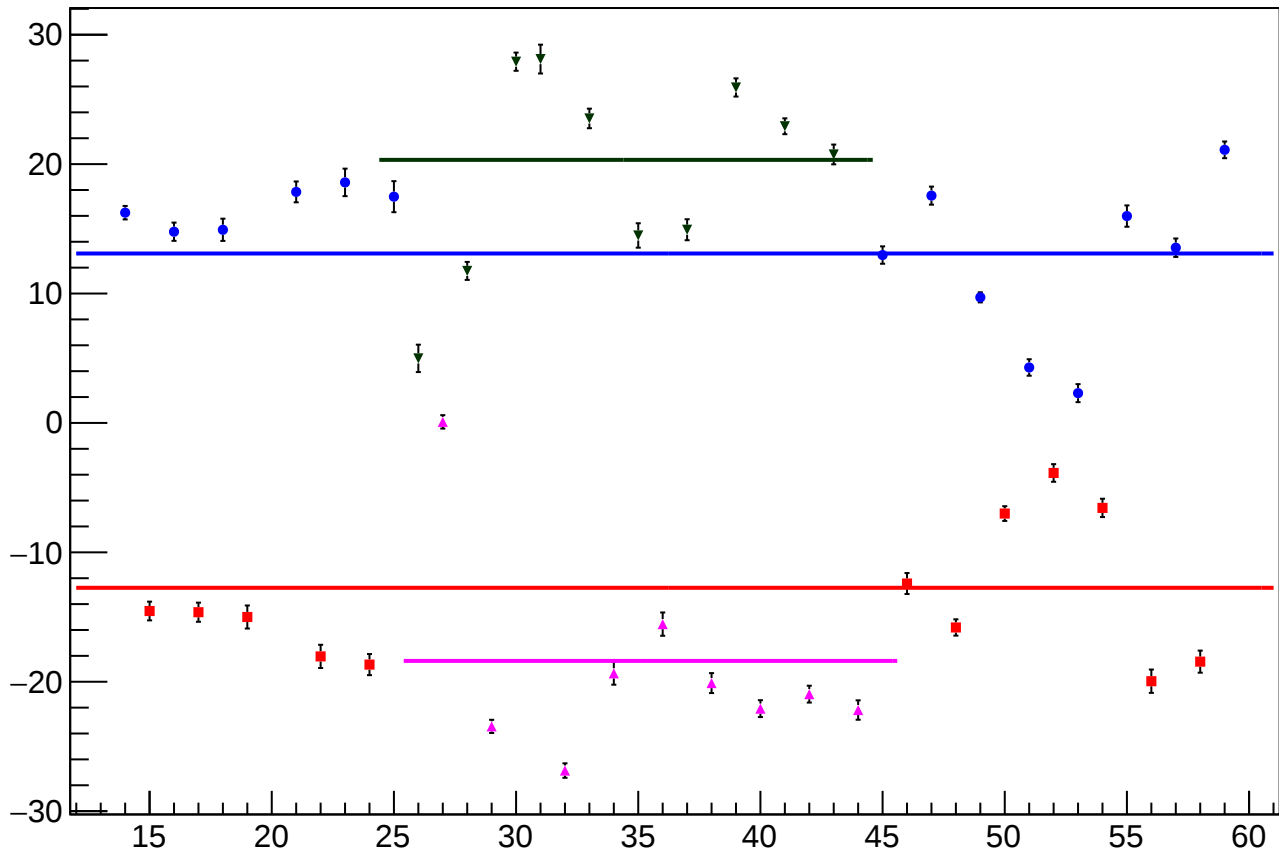
Left Out: 3.162 ± 0.042 $\chi^2/\text{NDF}: 246.8/8$

0.478 ± 0.019 $\chi^2/\text{NDF}: 98005.9/43$

Right Out: -6.595 ± 0.036 $\chi^2/\text{NDF}: 4917.4/11$

Left In: -3.402 ± 0.042 $\chi^2/\text{NDF}: 125.8/8$

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 13.093+/-0.179 χ^2/NDF : 836.6/13

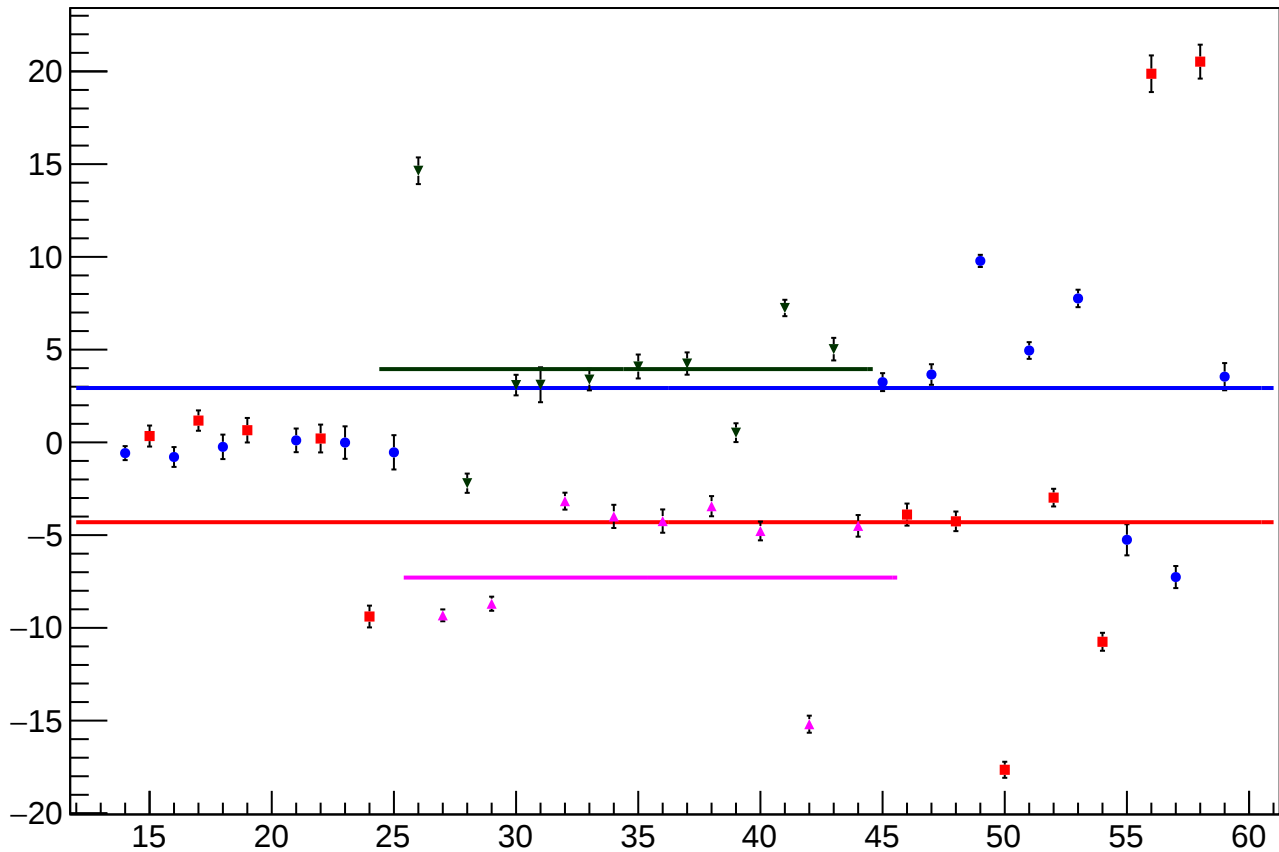
Left Out: 20.329+/-0.246 χ^2/NDF : 709.7/9

Right Out: -12.739+/-0.215 χ^2/NDF : 586.8/11

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.853+/-0.105 χ^2/NDF : 26746.6/44

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 2.930 ± 0.141 $\chi^2/\text{NDF}: 1155.0/13$

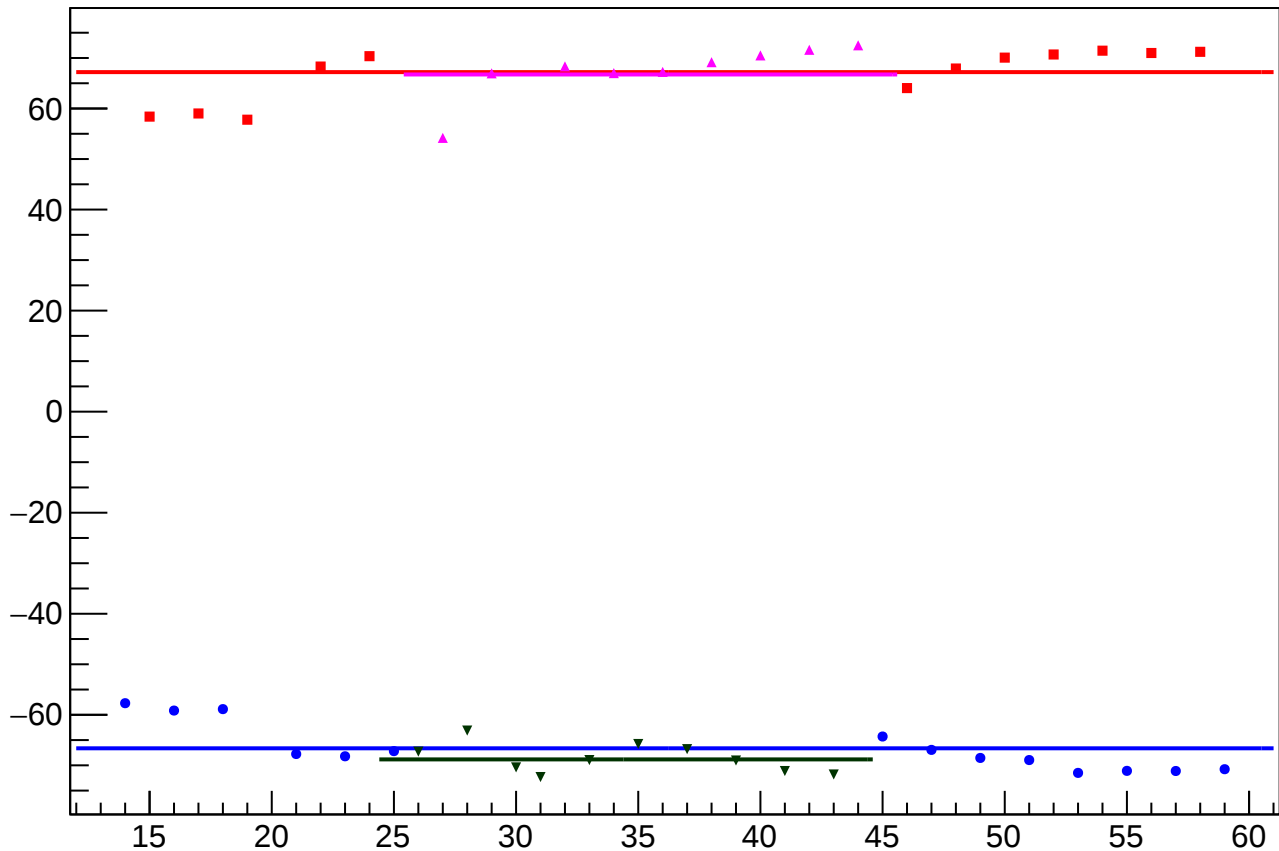
Left Out: 3.950 ± 0.183 $\chi^2/\text{NDF}: 470.4/9$

-1.226 ± 0.080 $\chi^2/\text{NDF}: 8548.9/44$

Right Out: -4.304 ± 0.167 $\chi^2/\text{NDF}: 2809.0/11$

Left In: -7.289 ± 0.155 $\chi^2/\text{NDF}: 579.9/8$

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.631+/-0.033 χ^2/NDF : 19733.9/13

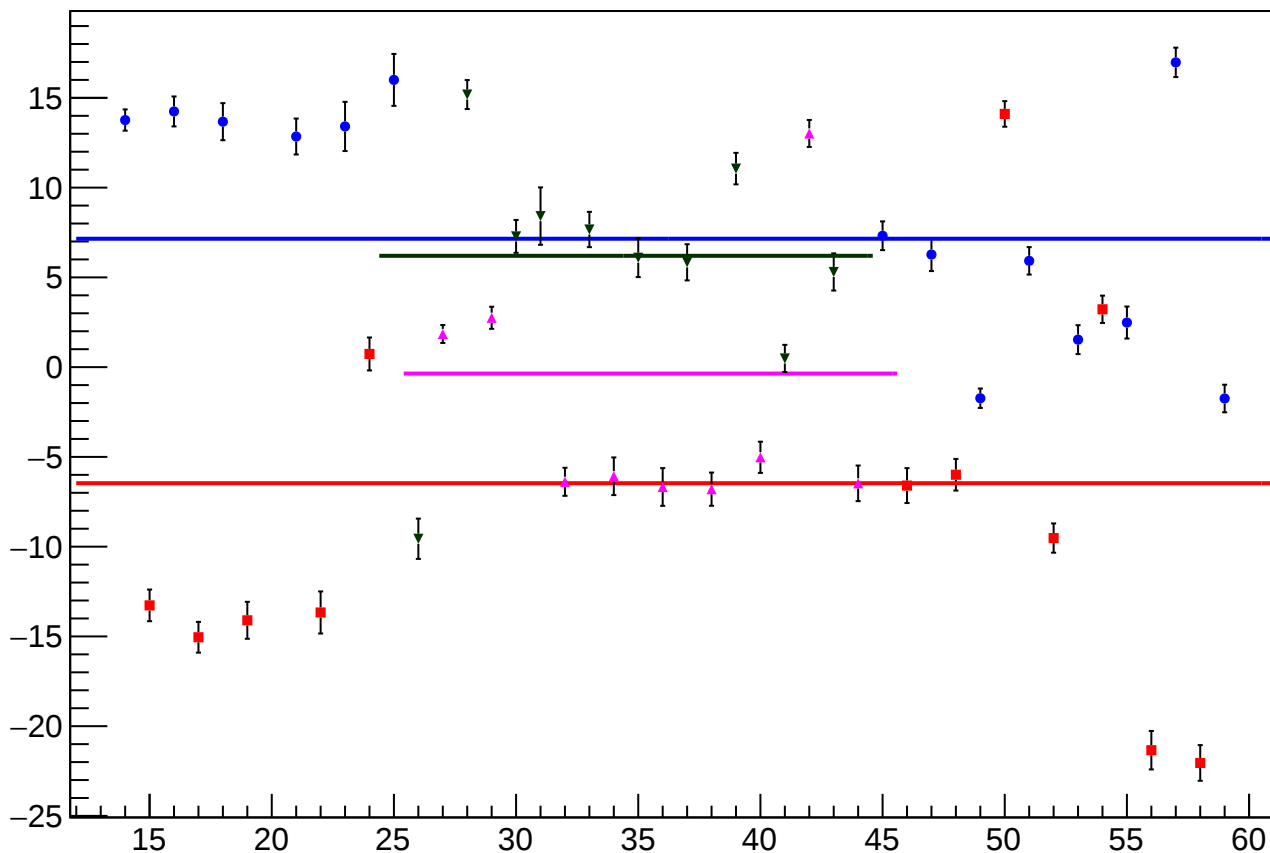
Left Out: -68.826+/-0.041 χ^2/NDF : 4587.0/9

Right Out: 67.205+/-0.038 χ^2/NDF : 15582.0/11

Left In: 66.738+/-0.037 χ^2/NDF : 23839.7/8

-3.615+/-0.018 χ^2/NDF : 13302260.5/44

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.153 ± 0.218 $\chi^2/\text{NDF}: 954.7/13$

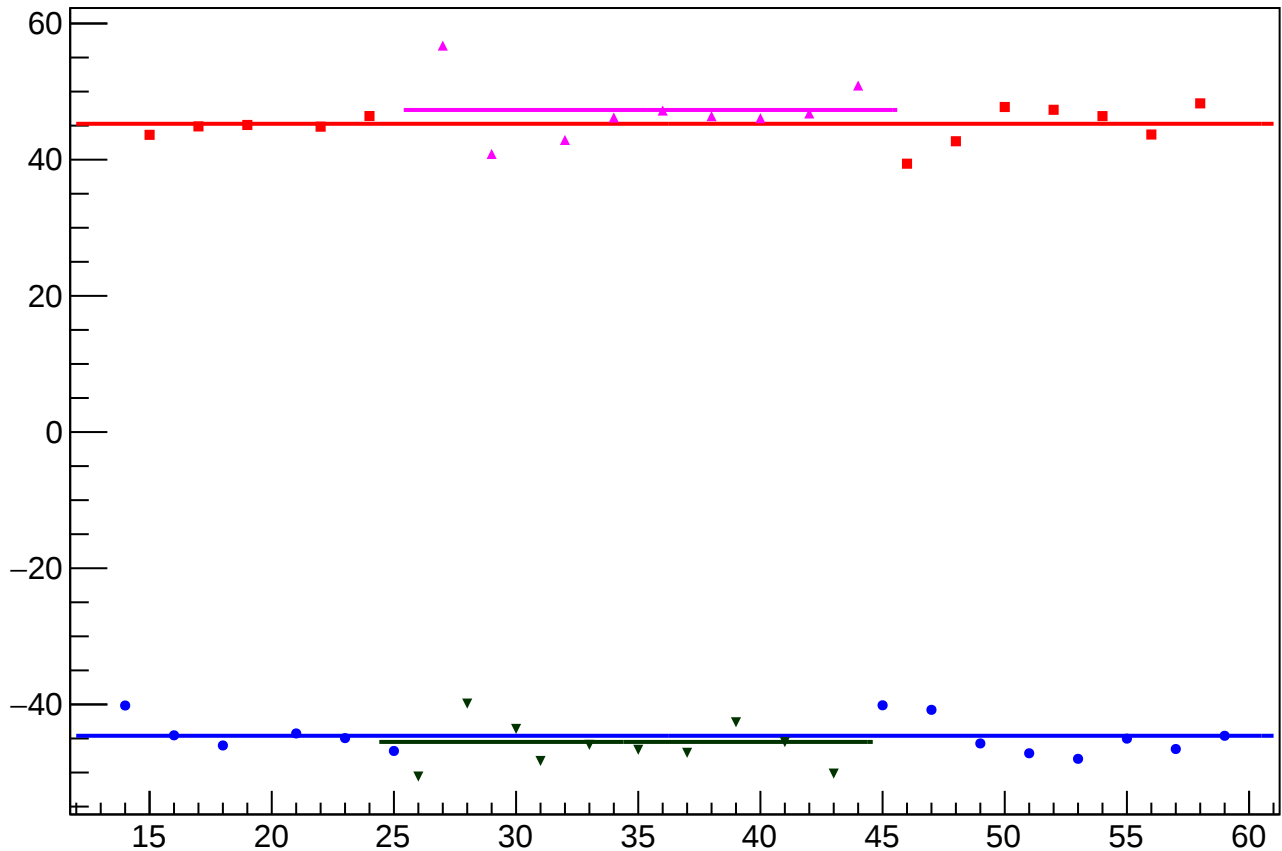
Left Out: 6.202 ± 0.305 $\chi^2/\text{NDF}: 415.4/9$

1.857 ± 0.127 $\chi^2/\text{NDF}: 5638.4/44$

Right Out: -6.465 ± 0.259 $\chi^2/\text{NDF}: 1761.2/11$

Left In: -0.357 ± 0.255 $\chi^2/\text{NDF}: 602.5/8$

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.603 ± 0.041 χ^2/NDF : 3680.8/13

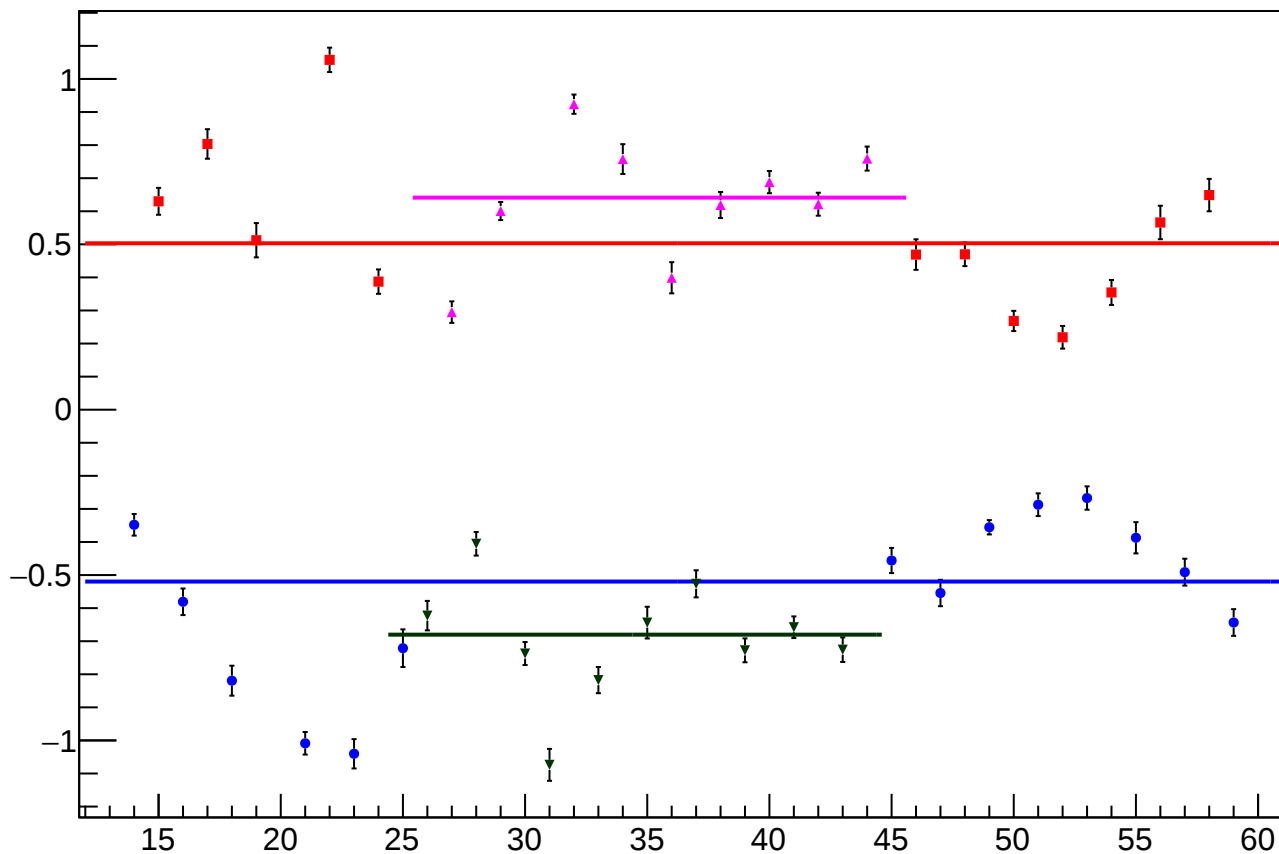
Left Out: -45.505 ± 0.055 χ^2/NDF : 3423.9/9

Right Out: 45.270 ± 0.047 χ^2/NDF : 2392.7/11

Left In: 47.301 ± 0.054 χ^2/NDF : 8552.3/8

-2.608 ± 0.024 χ^2/NDF : 3549833.3/44

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.520 ± 0.010 χ^2/NDF : 604.8/13

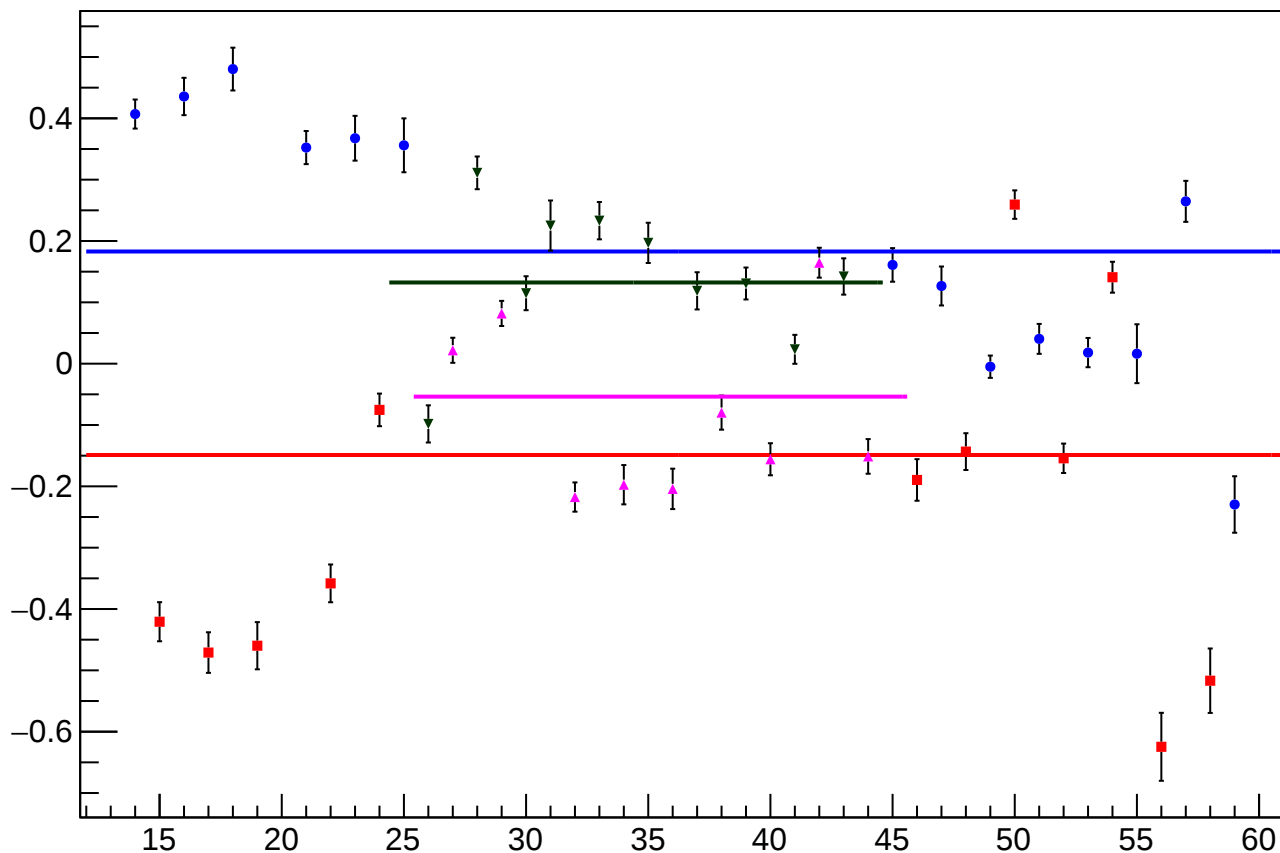
Left Out: -0.680 ± 0.012 χ^2/NDF : 160.4/9

Right Out: 0.503 ± 0.011 χ^2/NDF : 446.9/11

Left In: 0.641 ± 0.012 χ^2/NDF : 255.8/8

-0.040 ± 0.006 χ^2/NDF : 12334.6/44

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.183 ± 0.008 χ^2/NDF : 602.0/13

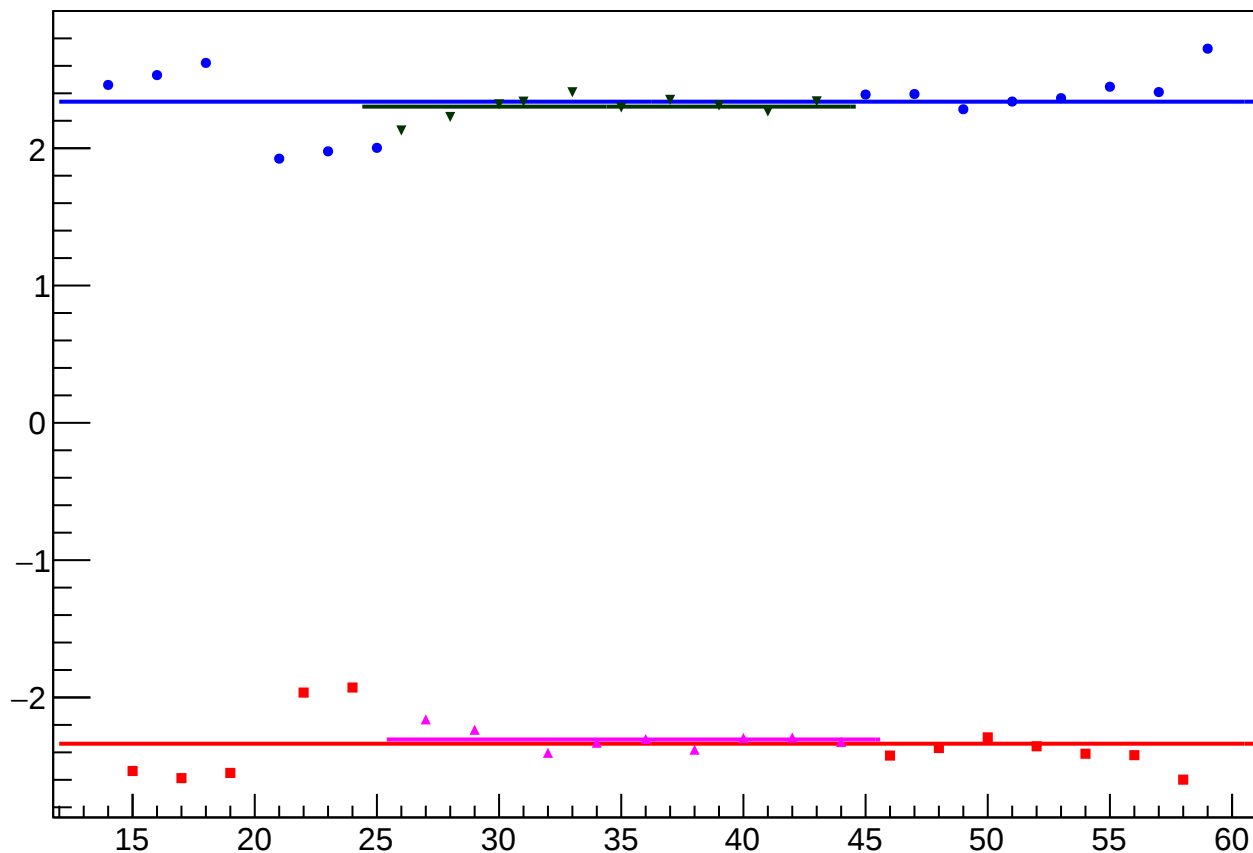
Left Out: 0.132 ± 0.009 χ^2/NDF : 144.8/9

Right Out: -0.149 ± 0.009 χ^2/NDF : 852.8/11

Left In: -0.054 ± 0.008 χ^2/NDF : 253.9/8

0.036 ± 0.004 χ^2/NDF : 2883.0/44

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.339 ± 0.002 χ^2/NDF : 13453.5/13

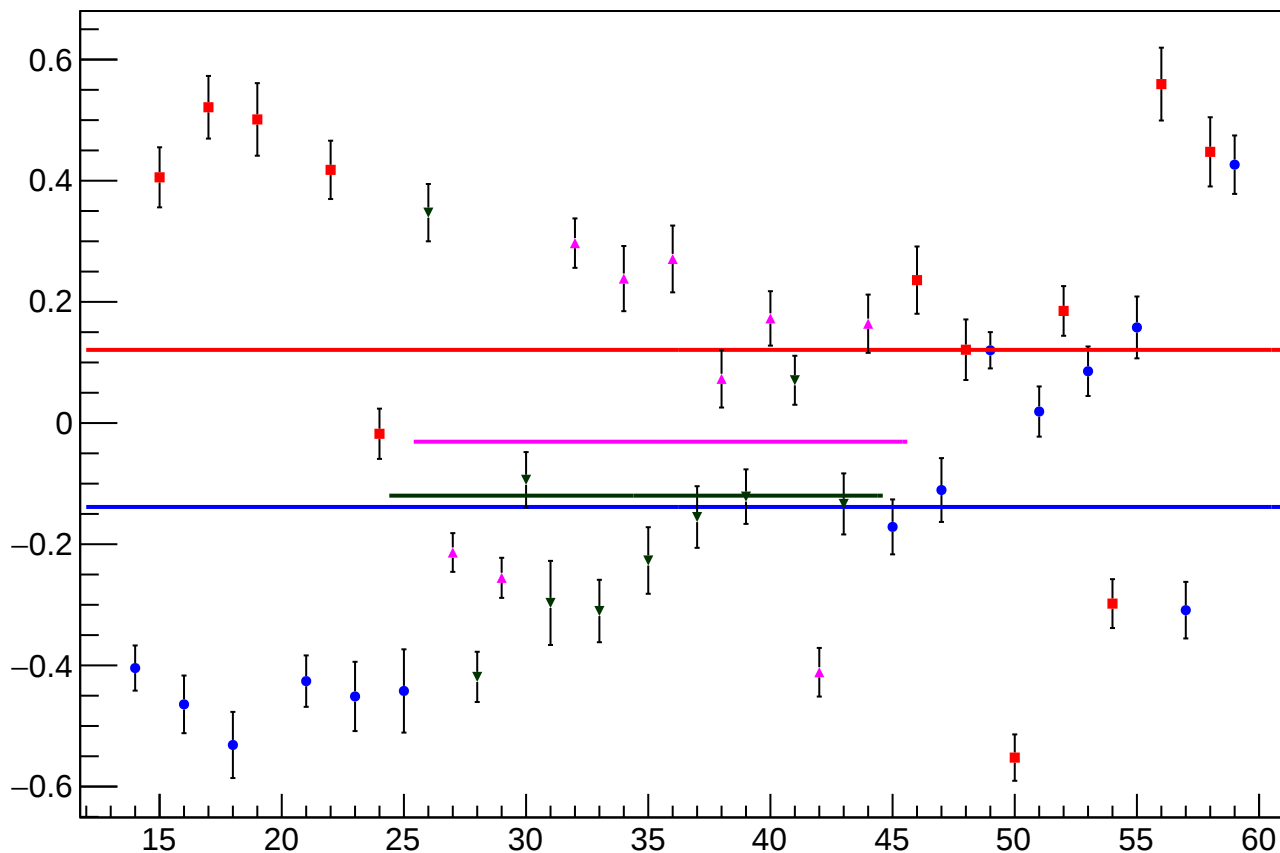
Left Out: 2.303 ± 0.002 χ^2/NDF : 1196.0/9

Right Out: -2.337 ± 0.002 χ^2/NDF : 10076.9/11

Left In: -2.306 ± 0.002 χ^2/NDF : 1460.1/8

0.148 ± 0.001 χ^2/NDF : 5705726.7/44

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.138 ± 0.012 χ^2/NDF : 549.1/13

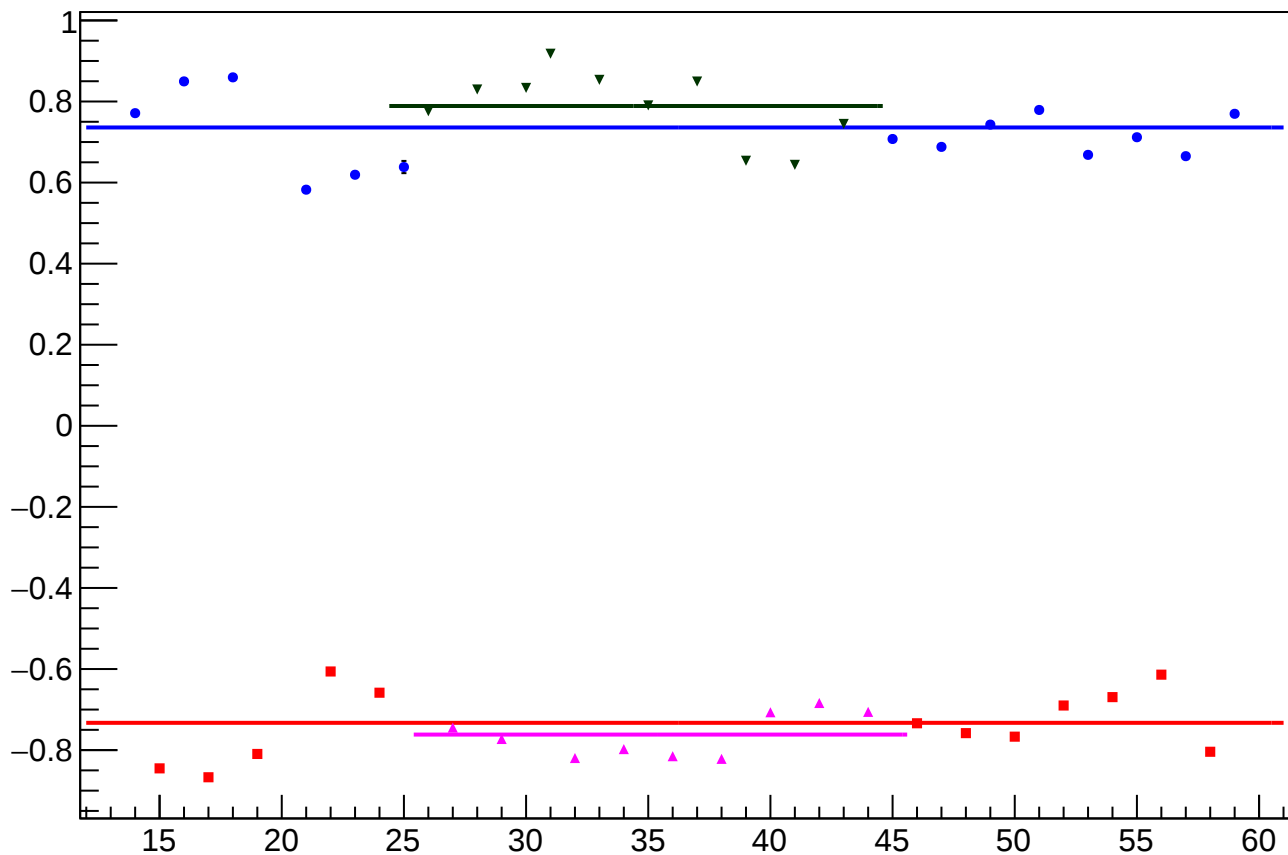
Left Out: -0.120 ± 0.015 χ^2/NDF : 196.6/9

Right Out: 0.121 ± 0.014 χ^2/NDF : 692.1/11

Left In: -0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.046 ± 0.007 χ^2/NDF : 1999.0/44

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.736 ± 0.002 χ^2/NDF : 1220.7/13

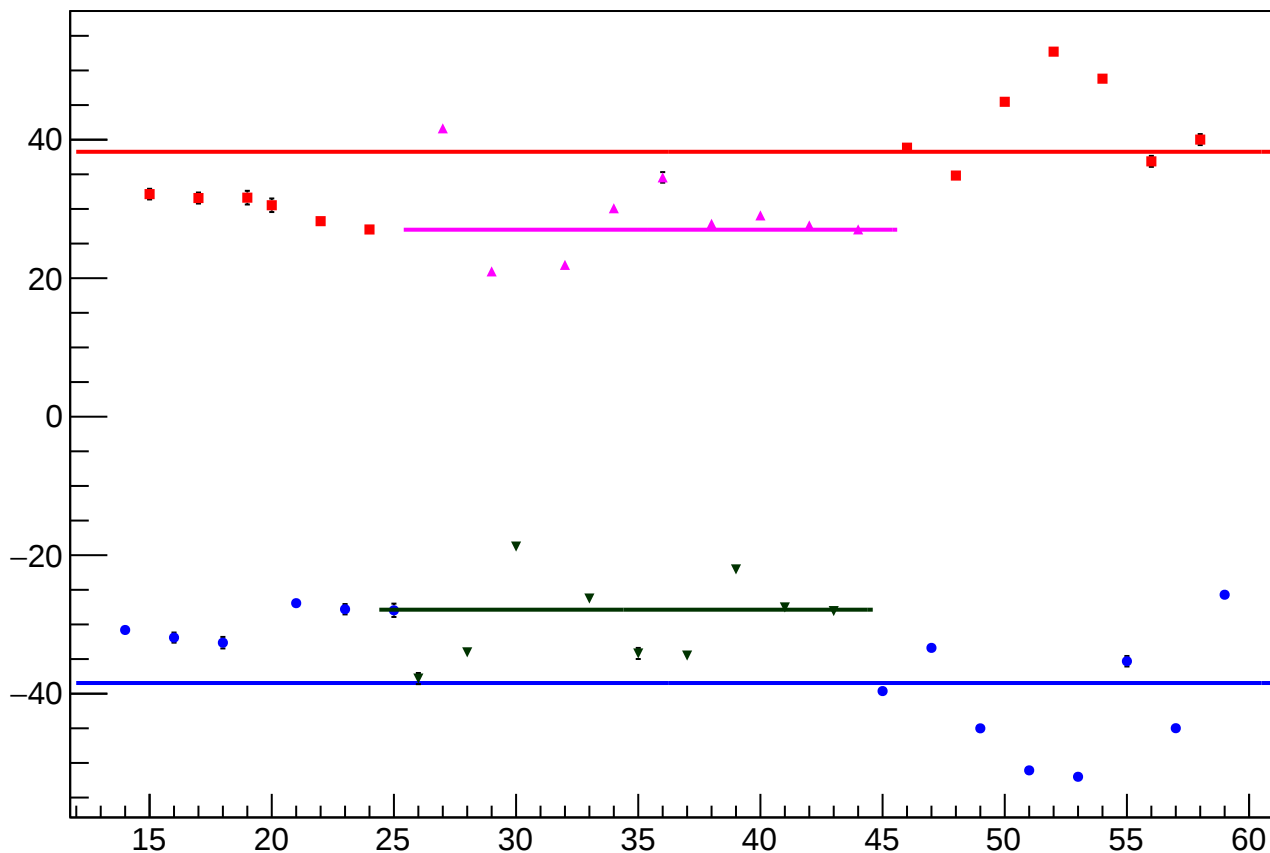
Left Out: 0.789 ± 0.003 χ^2/NDF : 764.3/9

Right Out: -0.733 ± 0.002 χ^2/NDF : 1048.4/11

Left In: -0.762 ± 0.003 χ^2/NDF : 293.2/8

0.069 ± 0.001 χ^2/NDF : 346741.5/44

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -38.459 $\pm$ 0.156 χ^2 /NDF: 3150.9/13

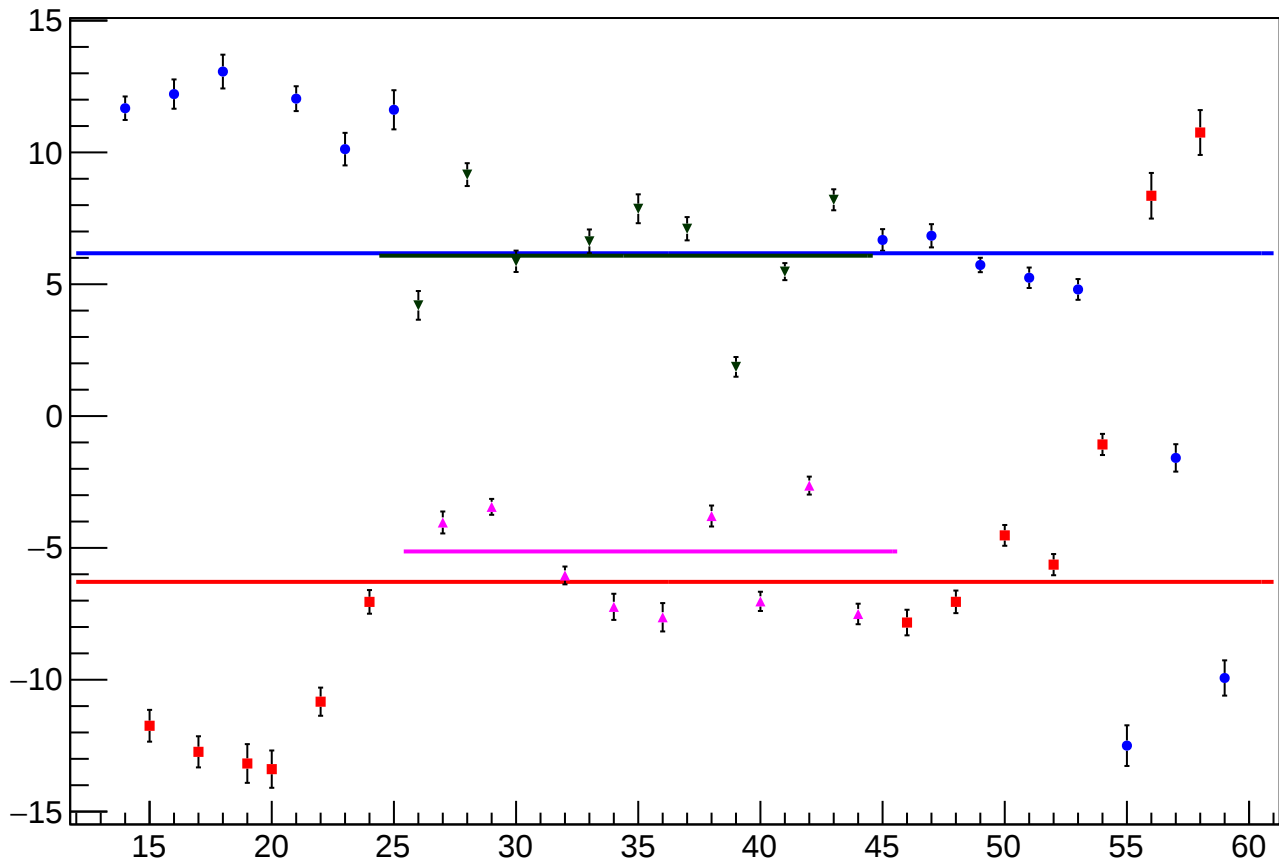
Left Out: -27.871 $\pm$ 0.188 χ^2 /NDF: 907.3/8

Right Out: 38.255 $\pm$ 0.185 χ^2 /NDF: 2007.6/12

Left In: 27.003 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-2.459 $\pm$ 0.087 χ^2 /NDF: 156467.3/44

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.175 ± 0.124 χ^2/NDF : 2048.9/13

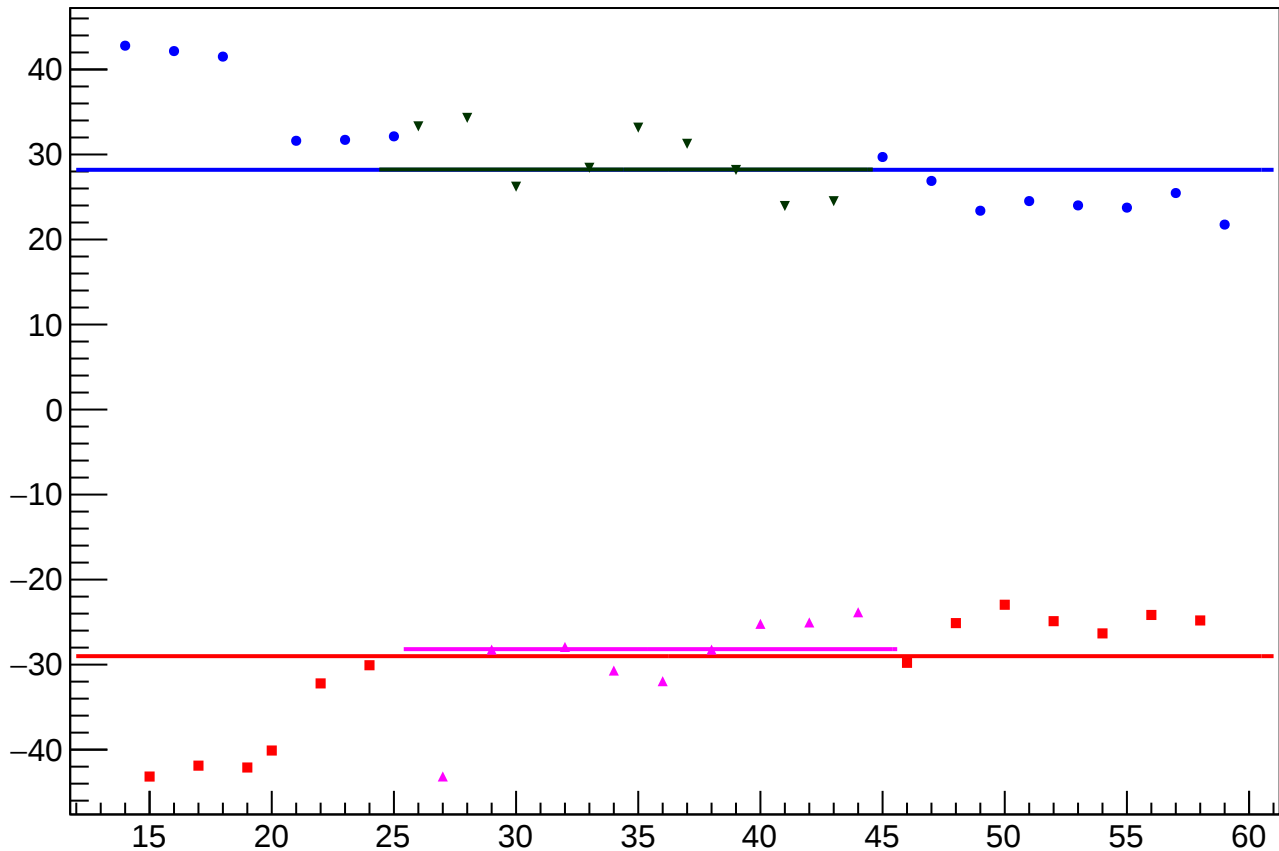
Left Out: 6.083 ± 0.140 χ^2/NDF : 238.9/8

0.367 ± 0.066 χ^2/NDF : 11779.9/44

Right Out: -6.288 ± 0.143 χ^2/NDF : 1356.9/12

Left In: -5.135 ± 0.127 χ^2/NDF : 214.5/8

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 28.198+/-0.028 χ^2/NDF : 47999.3/13

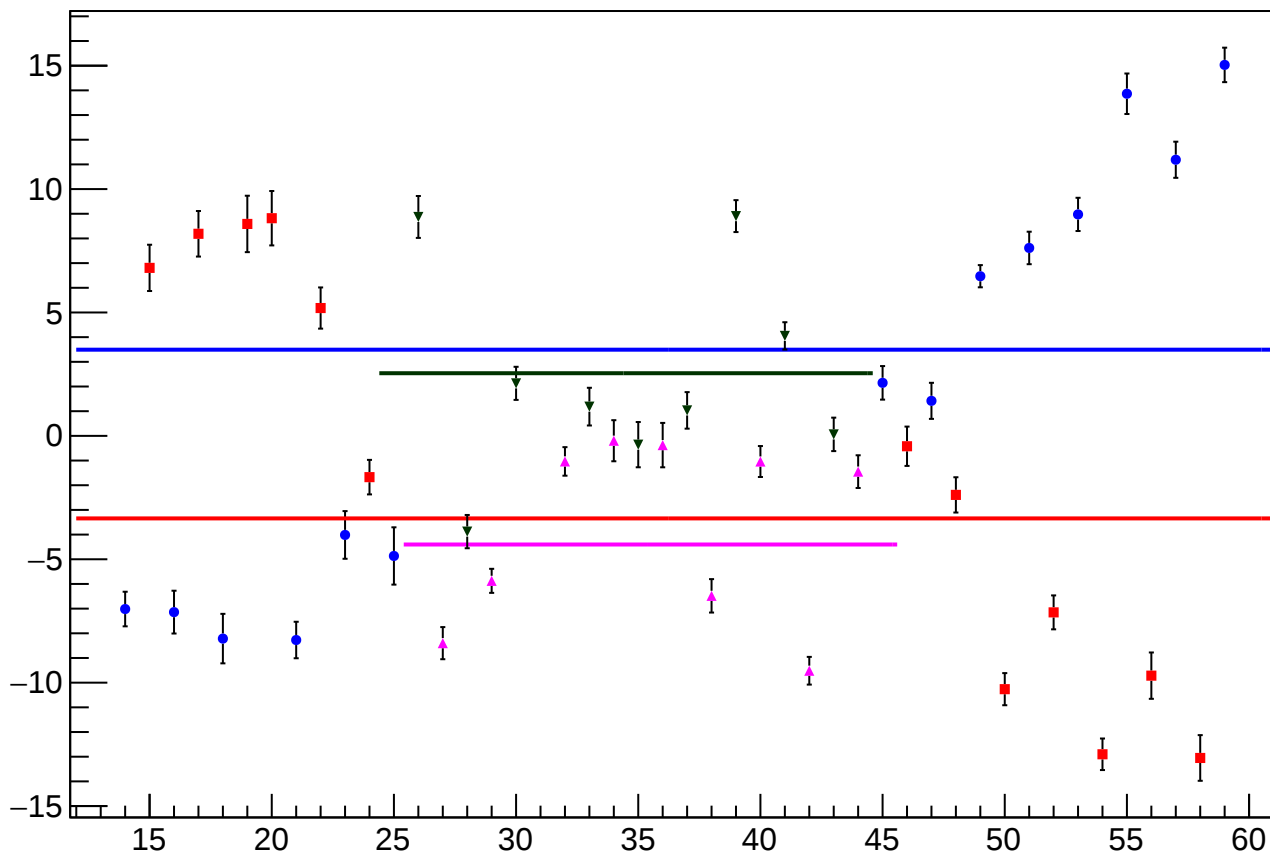
Left Out: 28.235+/-0.031 χ^2/NDF : 12988.2/8

0.882+/-0.015 χ^2/NDF : 3618339.8/44

Right Out: -29.006+/-0.033 χ^2/NDF : 35171.2/12

Left In: -28.180+/-0.029 χ^2/NDF : 23006.5/8

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 3.492 ± 0.193 χ^2/NDF : 1581.3/13

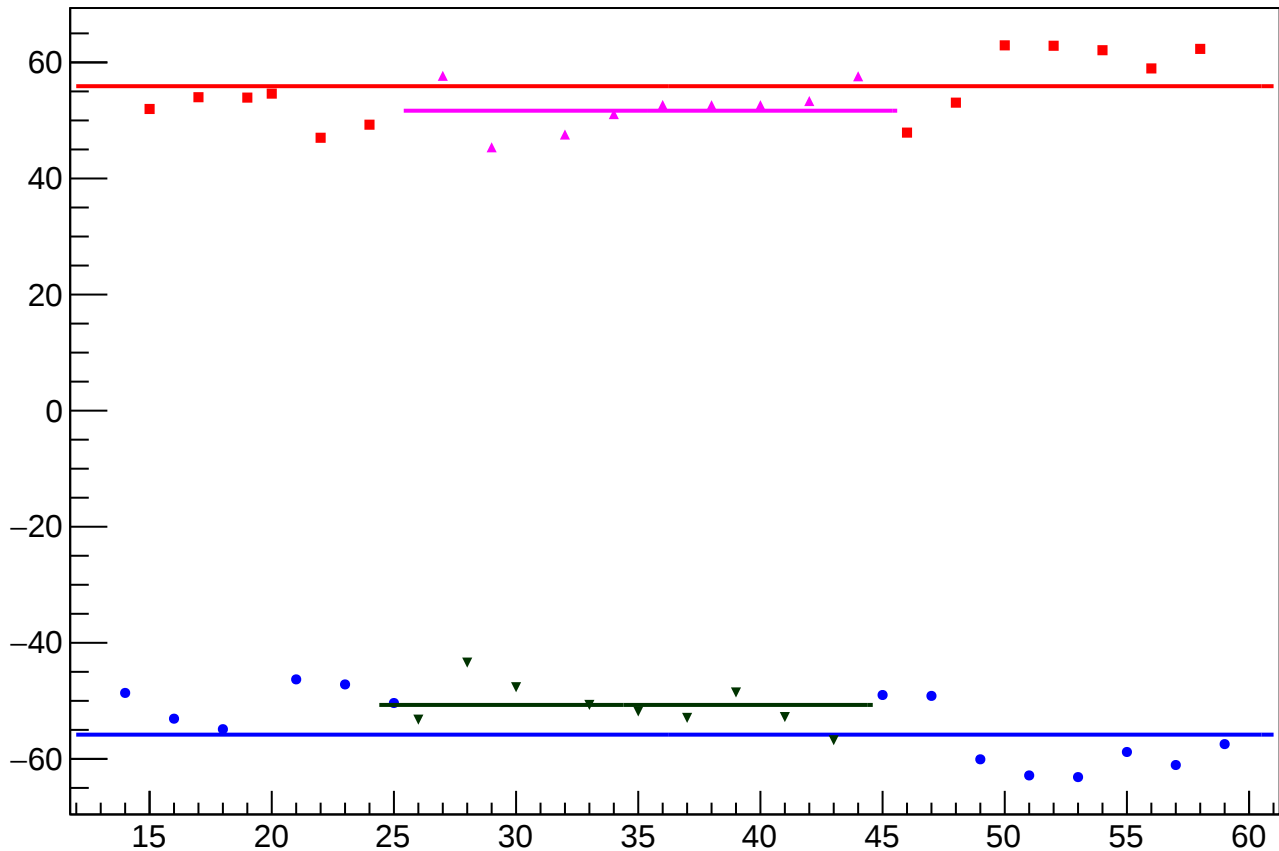
Left Out: 2.539 ± 0.233 χ^2/NDF : 281.6/8

-0.290 ± 0.107 χ^2/NDF : 4381.6/44

Right Out: -3.345 ± 0.223 χ^2/NDF : 1152.8/12

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.822 ± 0.036 χ^2/NDF : 24446.4/13

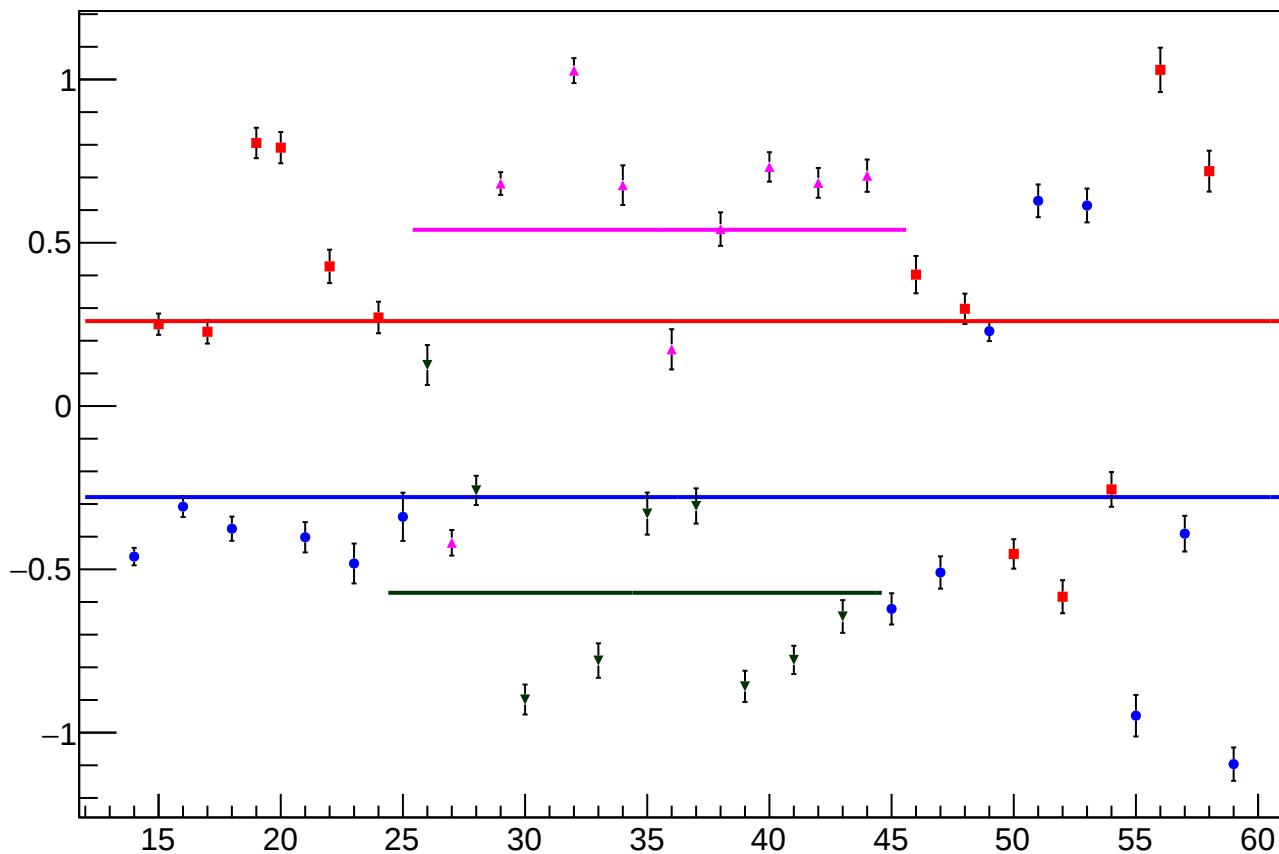
Left Out: -50.702 ± 0.043 χ^2/NDF : 7639.1/8

Right Out: 55.901 ± 0.041 χ^2/NDF : 21207.8/12

Left In: 51.678 ± 0.043 χ^2/NDF : 8312.3/8

-3.415 ± 0.020 χ^2/NDF : 7105250.4/44

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.279+/-0.011 χ^2/NDF : 1417.4/13

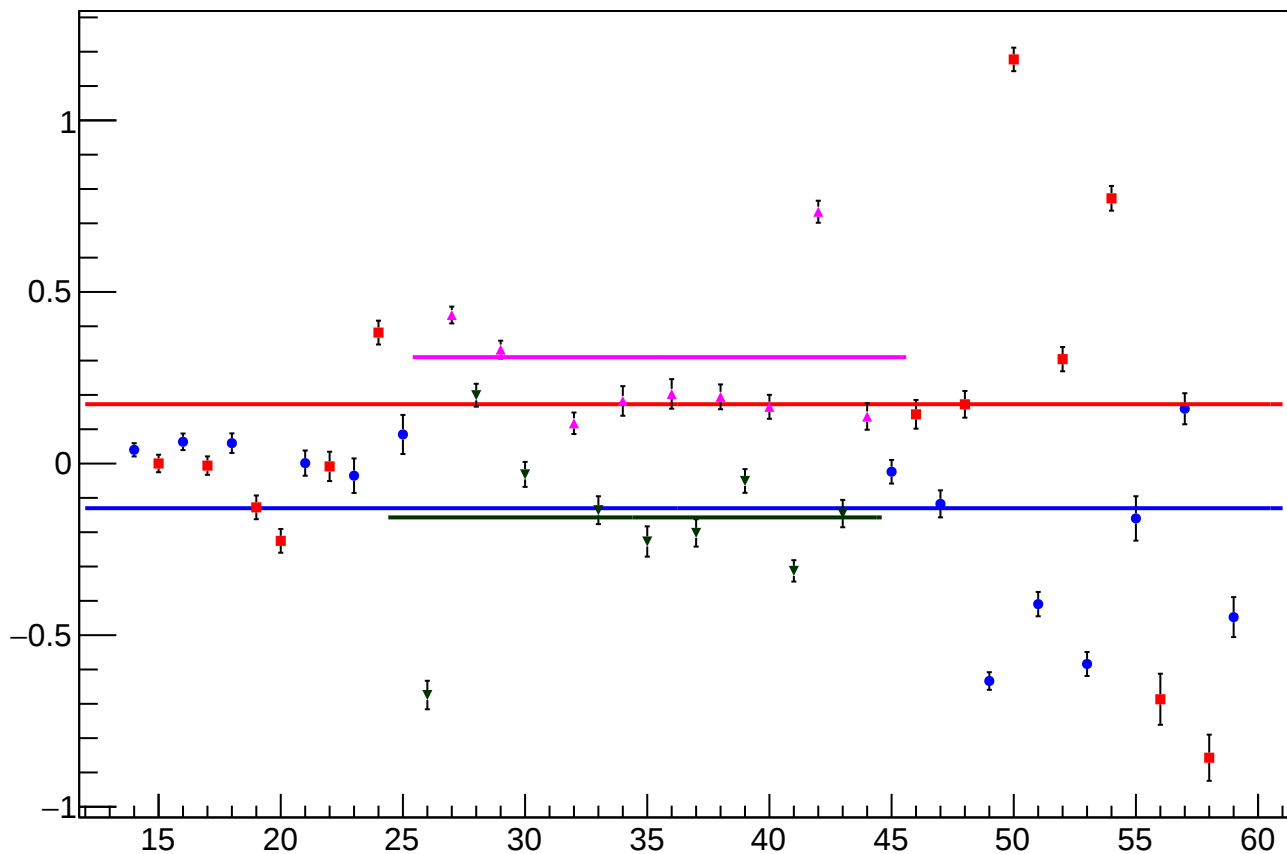
Left Out: -0.572+/-0.017 χ^2/NDF : 344.3/8

Right Out: 0.260+/-0.013 χ^2/NDF : 1083.0/12

Left In: 0.540+/-0.015 χ^2/NDF : 857.8/8

-0.011+/-0.007 χ^2/NDF : 7156.9/44

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.130 ± 0.009 χ^2/NDF : 912.7/13

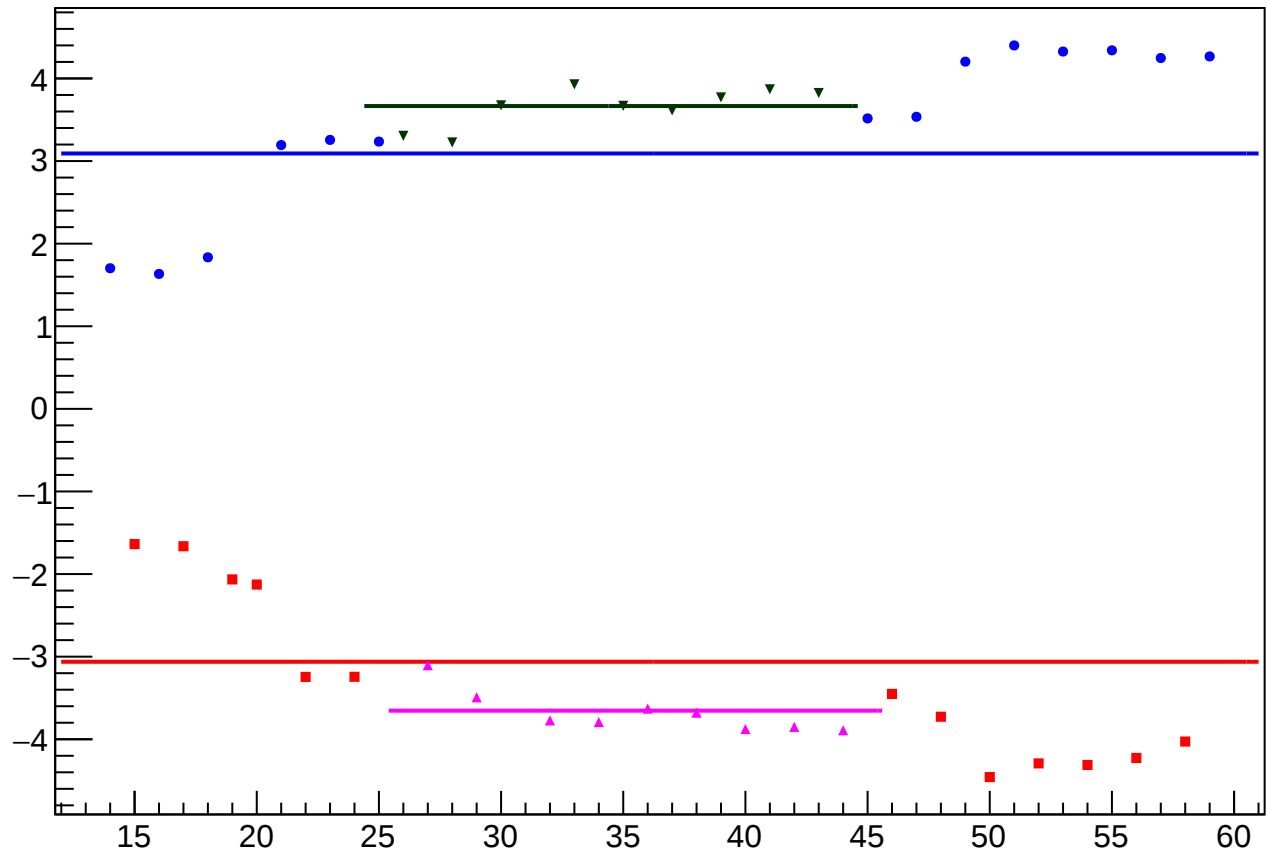
Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

Right Out: 0.173 ± 0.010 χ^2/NDF : 1872.6/12

Left In: 0.310 ± 0.011 χ^2/NDF : 300.3/8

0.045 ± 0.005 χ^2/NDF : 4818.4/44

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.092+/-0.002 χ^2/NDF : 279333.5/13

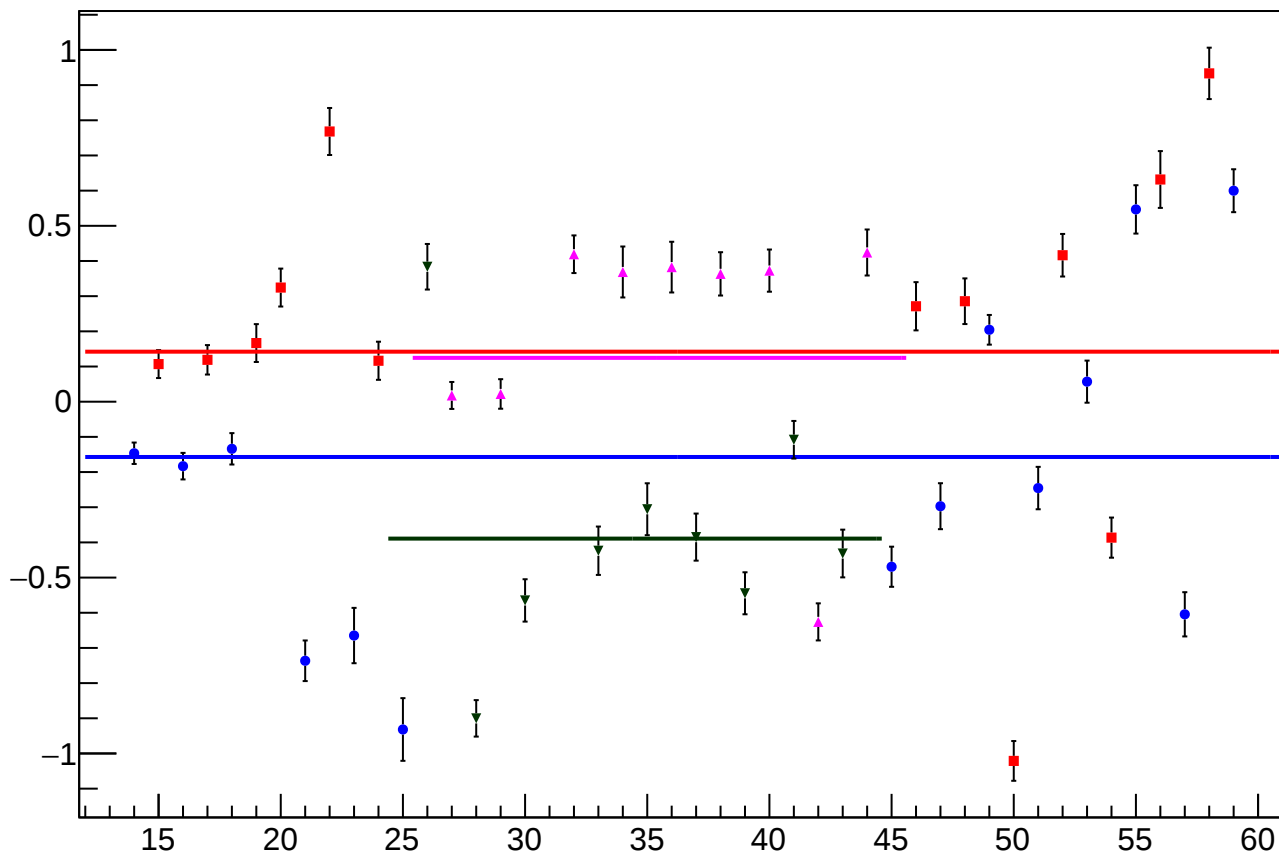
Left Out: 3.666+/-0.003 χ^2/NDF : 6817.2/8

0.102+/-0.001 χ^2/NDF : 8025294.8/44

Right Out: -3.062+/-0.002 χ^2/NDF : 206814.0/12

Left In: -3.654+/-0.003 χ^2/NDF : 9613.6/8

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.157 ± 0.014 χ^2/NDF : 651.1/13

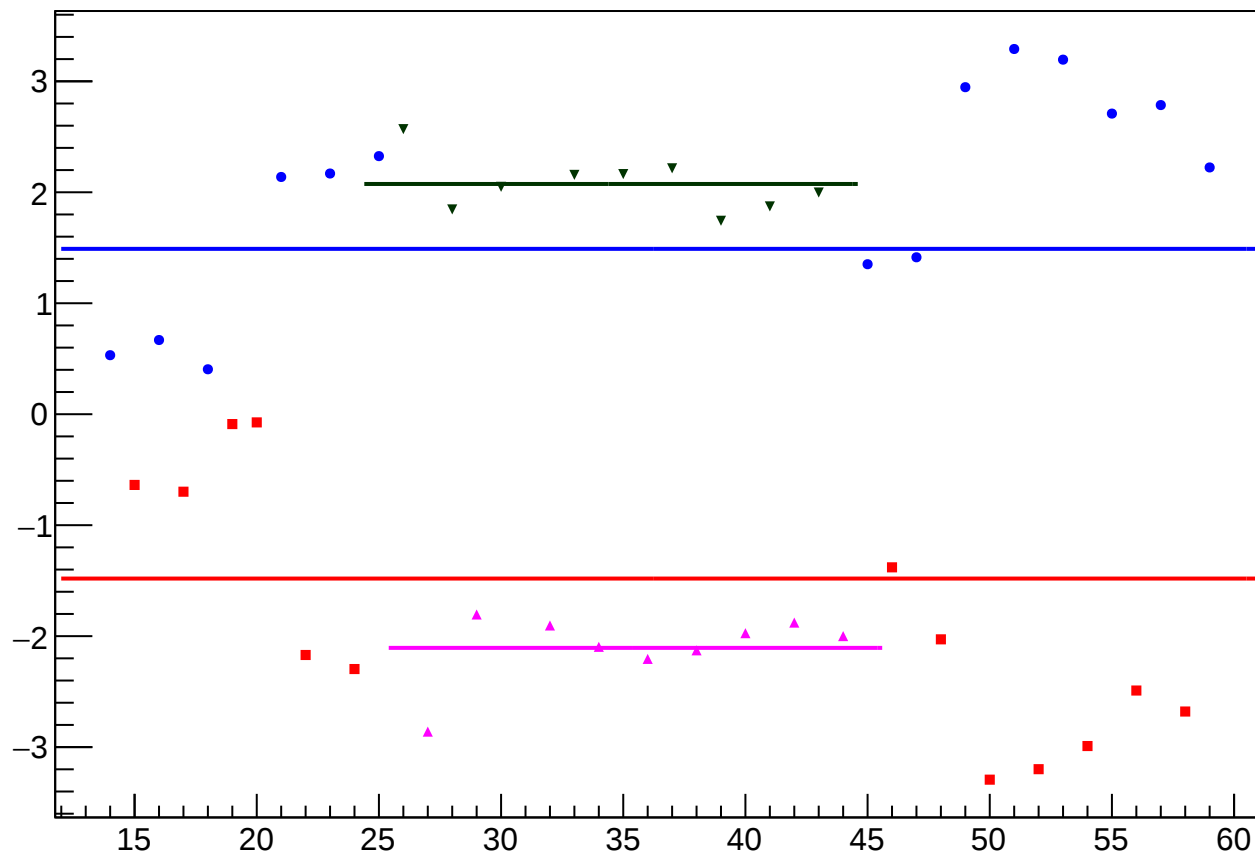
Left Out: -0.389 ± 0.021 χ^2/NDF : 284.2/8

Right Out: 0.142 ± 0.016 χ^2/NDF : 793.1/12

Left In: 0.125 ± 0.018 χ^2/NDF : 324.0/8

-0.051 ± 0.008 χ^2/NDF : 2631.6/44

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.490 $\pm$ 0.003 χ^2 /NDF: 187408.7/13

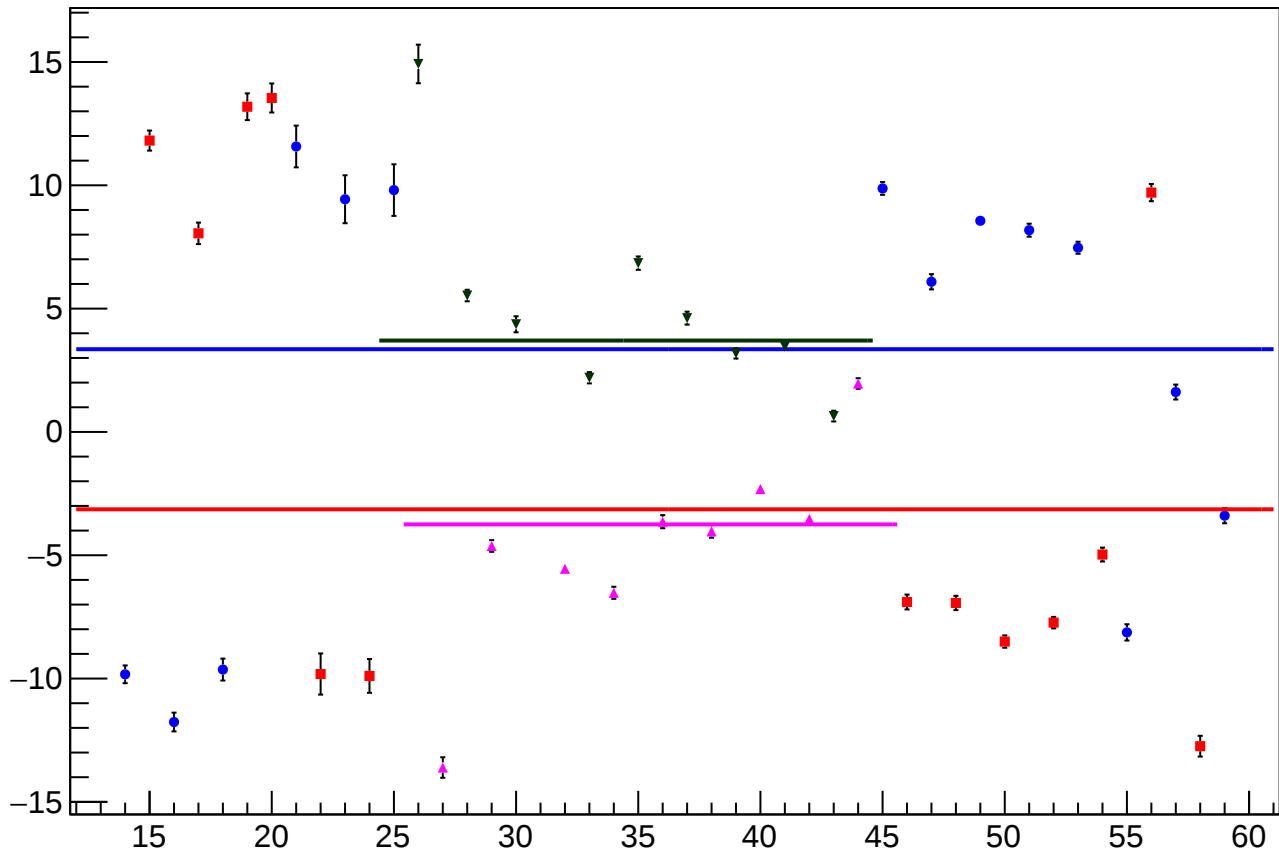
Left Out: 2.075 $\pm$ 0.004 χ^2 /NDF: 4111.6/8

Right Out: -1.481 $\pm$ 0.003 χ^2 /NDF: 178485.6/12

Left In: -2.106 $\pm$ 0.004 χ^2 /NDF: 7840.1/8

0.096 $\pm$ 0.002 χ^2 /NDF: 1643500.0/44

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 3.354+/-0.083 χ^2/NDF : 7931.8/13

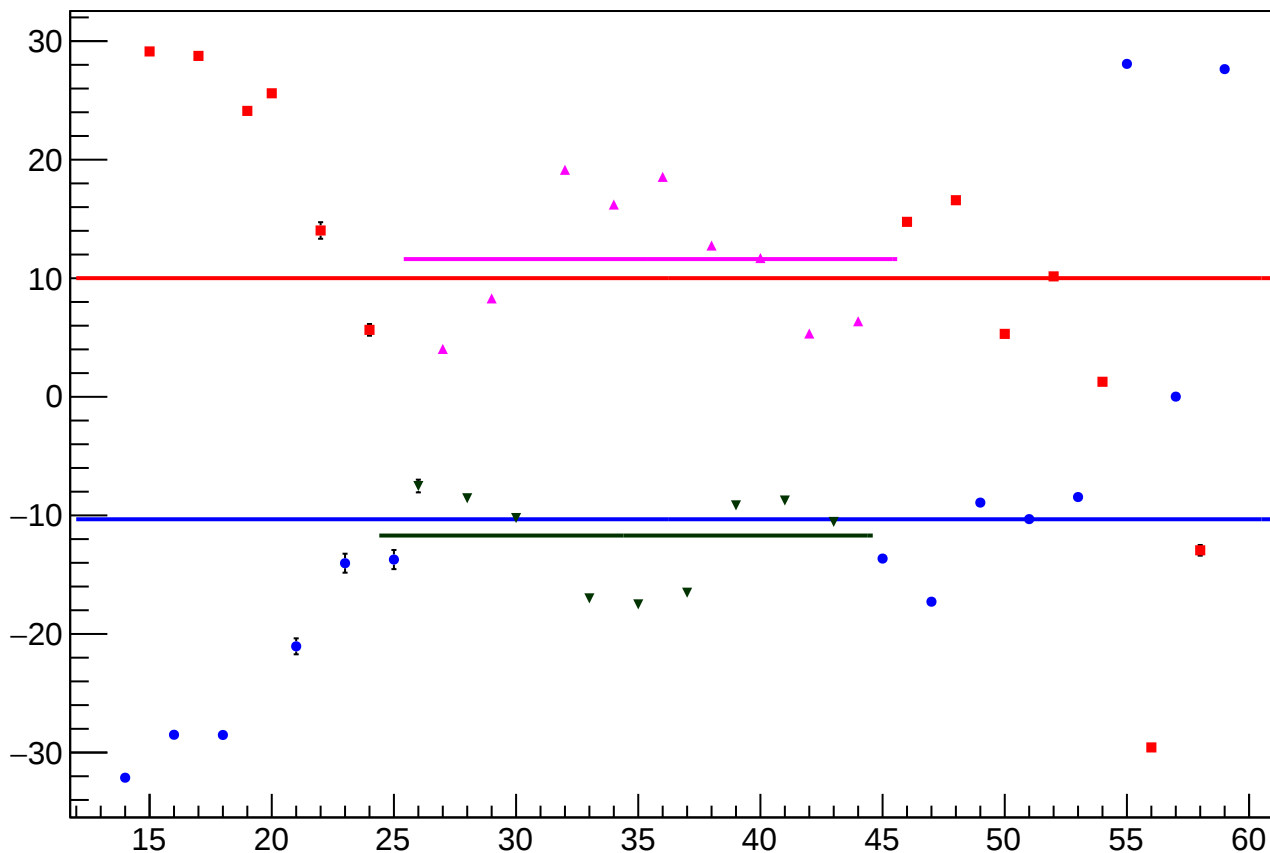
Left Out: 3.706+/-0.081 χ^2/NDF : 665.5/8

0.133+/-0.042 χ^2/NDF : 24264.3/44

Right Out: -3.137+/-0.098 χ^2/NDF : 6964.7/12

Left In: -3.750+/-0.076 χ^2/NDF : 1560.3/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -10.326±/0.066 χ^2/NDF : 41543.5/13

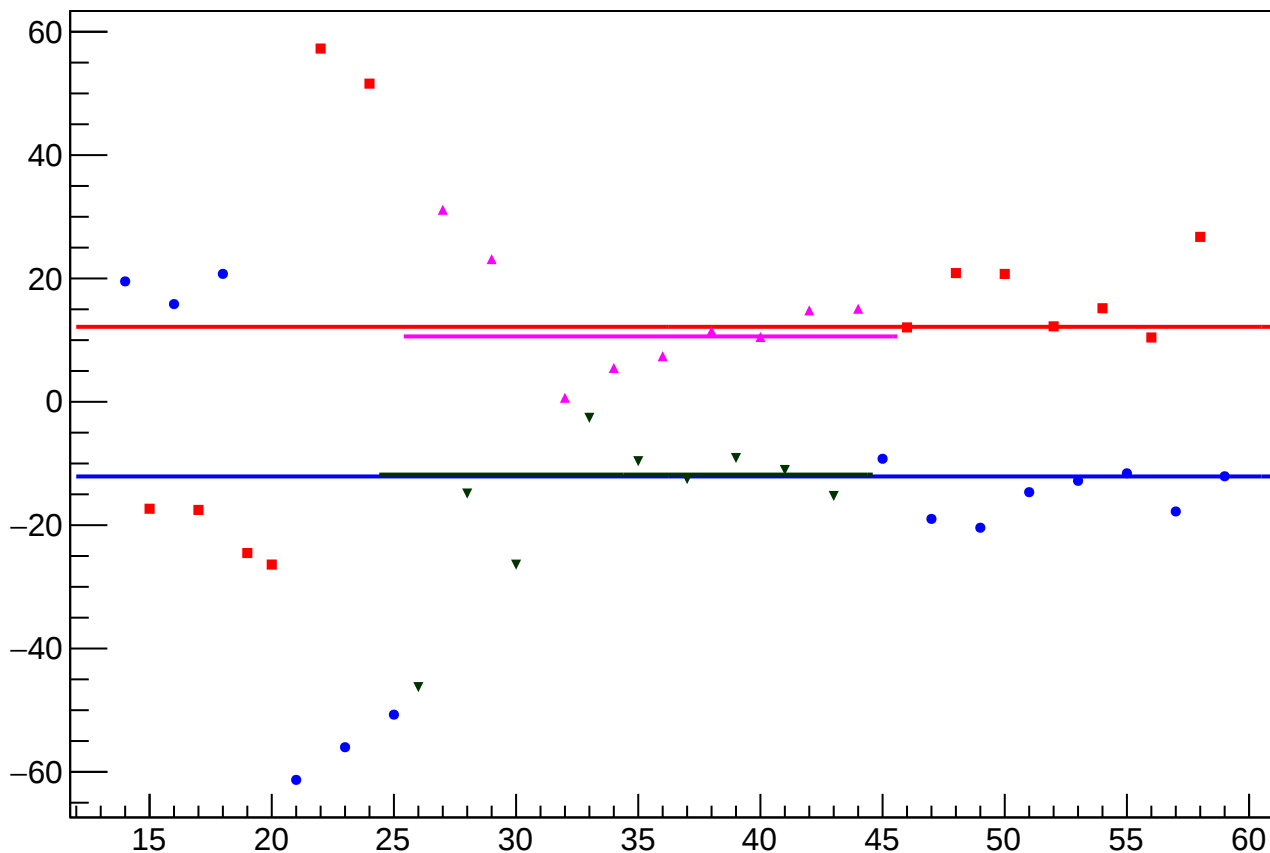
Left Out: -11.699±/0.060 χ^2/NDF : 3753.7/8

Right Out: 10.009±/0.075 χ^2/NDF : 26793.4/12

Left In: 11.617±/0.057 χ^2/NDF : 8593.1/8

-0.206±/0.032 χ^2/NDF : 203059.3/44

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -12.101 $\pm$ 0.015 χ^2 /NDF: 804625.5/13

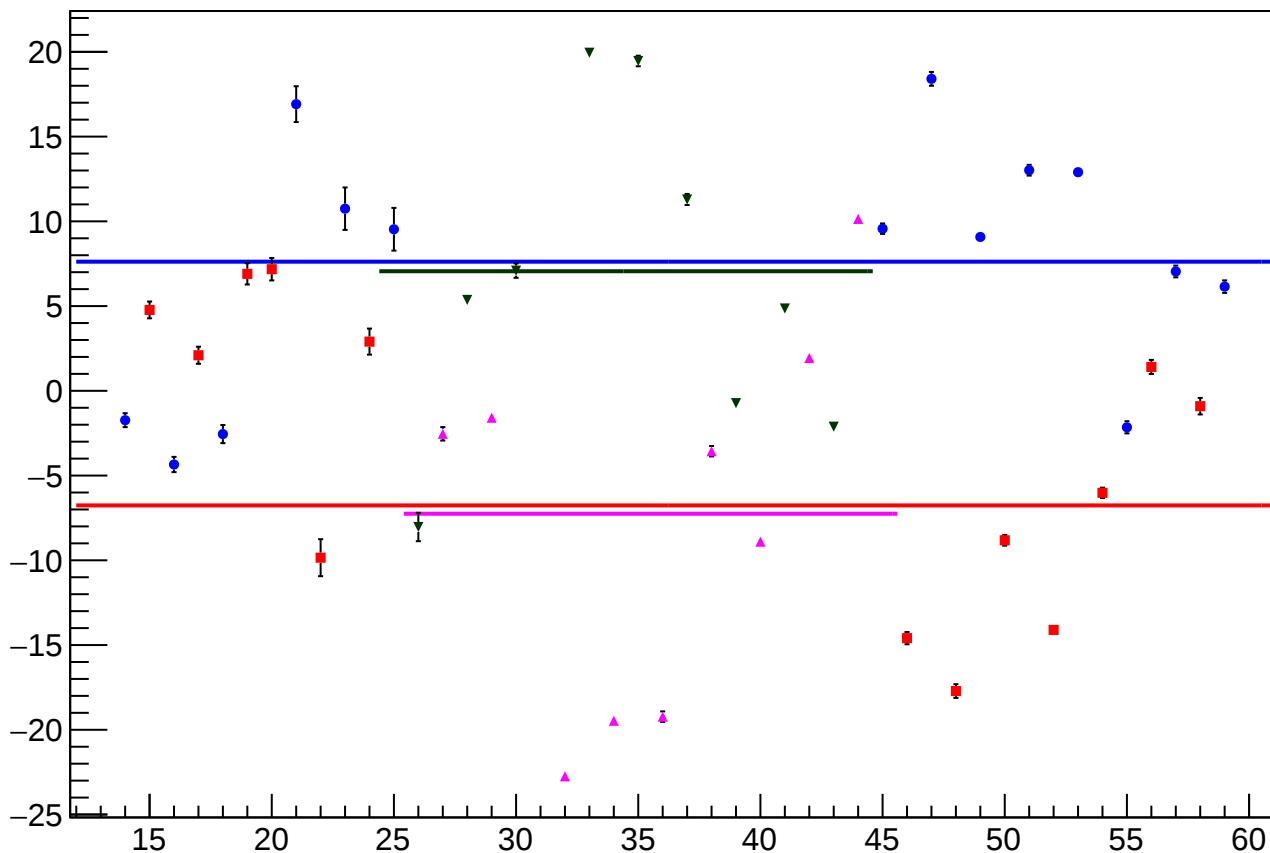
Left Out: -11.800 $\pm$ 0.014 χ^2 /NDF: 232573.7/8

Right Out: 12.160 $\pm$ 0.017 χ^2 /NDF: 788564.4/12

Left In: 10.603 $\pm$ 0.013 χ^2 /NDF: 320499.6/8

-0.624 $\pm$ 0.007 χ^2 /NDF: 4722461.9/44

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 7.620 ± 0.102 $\chi^2/\text{NDF}: 3844.4/13$

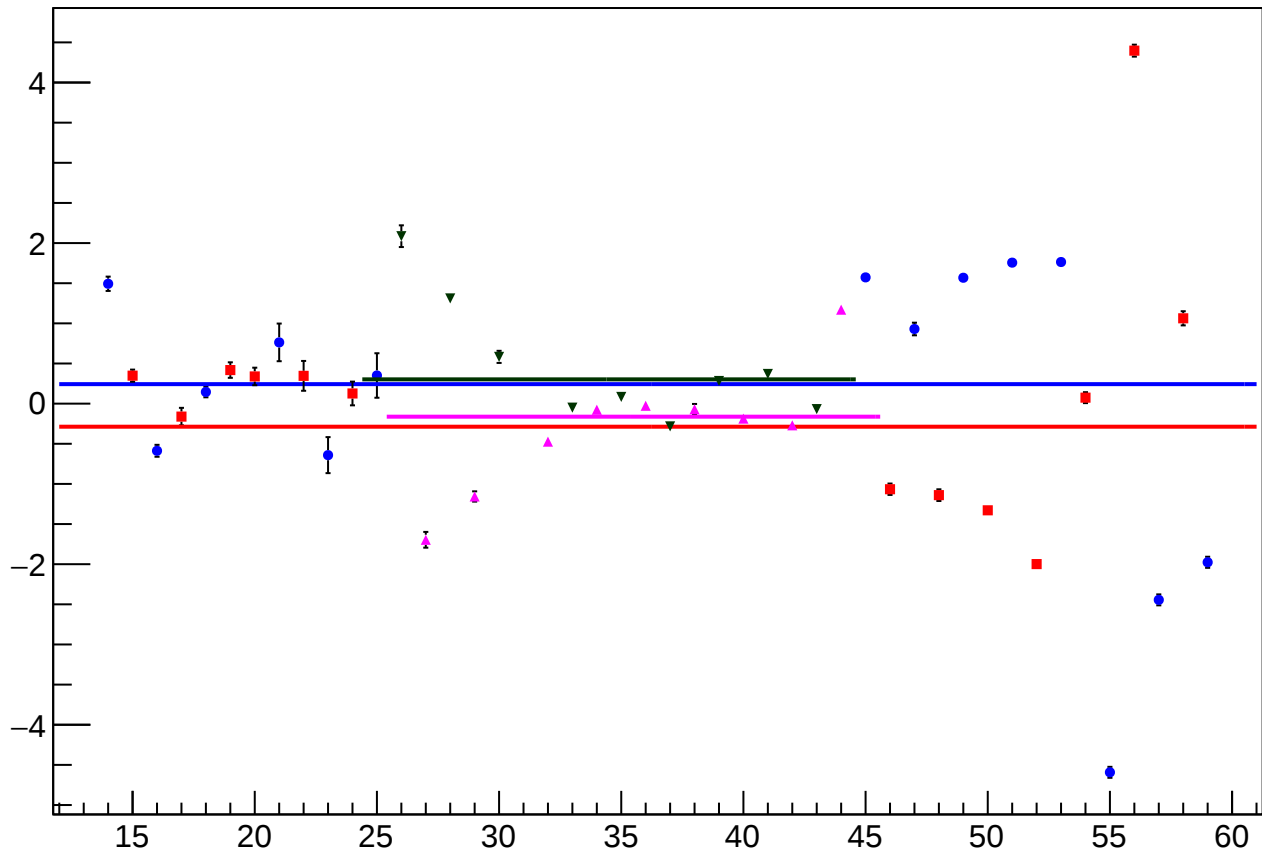
Left Out: 7.056 ± 0.101 $\chi^2/\text{NDF}: 5984.3/8$

Right Out: -6.761 ± 0.117 $\chi^2/\text{NDF}: 4410.1/12$

Left In: -7.252 ± 0.095 $\chi^2/\text{NDF}: 12651.2/8$

0.333 ± 0.051 $\chi^2/\text{NDF}: 46517.9/44$

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.243 ± 0.019 $\chi^2/\text{NDF}: 10832.2/13$

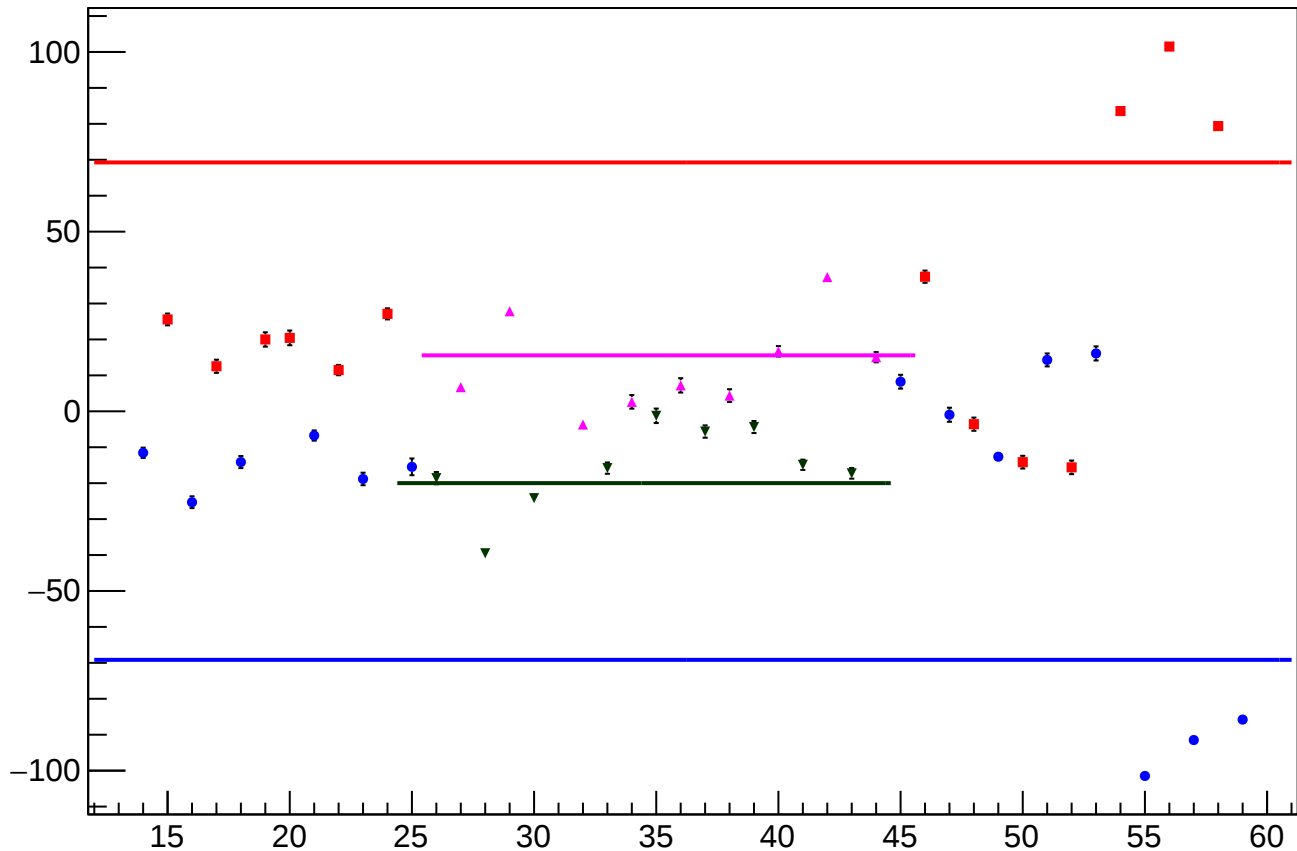
Left Out: 0.303 ± 0.019 $\chi^2/\text{NDF}: 825.4/8$

0.043 ± 0.010 $\chi^2/\text{NDF}: 19715.9/44$

Right Out: -0.287 ± 0.021 $\chi^2/\text{NDF}: 6267.2/12$

Left In: -0.162 ± 0.019 $\chi^2/\text{NDF}: 1123.7/8$

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -69.165 $\pm$ 0.263 χ^2/NDF : 22409.1/13

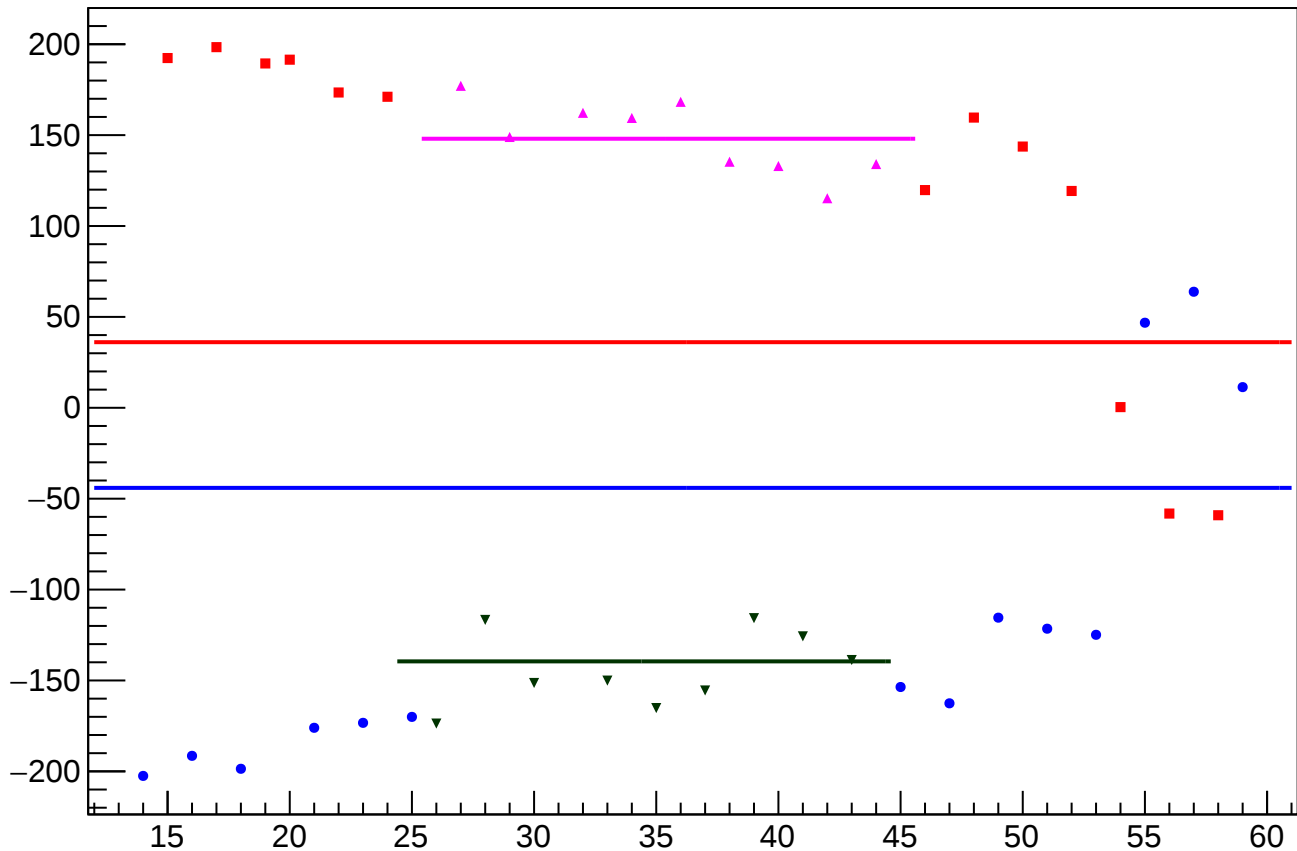
Left Out: -19.986 $\pm$ 0.492 χ^2/NDF : 641.4/8

Right Out: 69.257 $\pm$ 0.277 χ^2/NDF : 15877.6/12

Left In: 15.574 $\pm$ 0.472 χ^2/NDF : 824.1/8

-3.014 $\pm$ 0.166 χ^2/NDF : 174004.1/44

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -44.053 $\pm$ 0.249 χ^2 /NDF: 175713.2/13

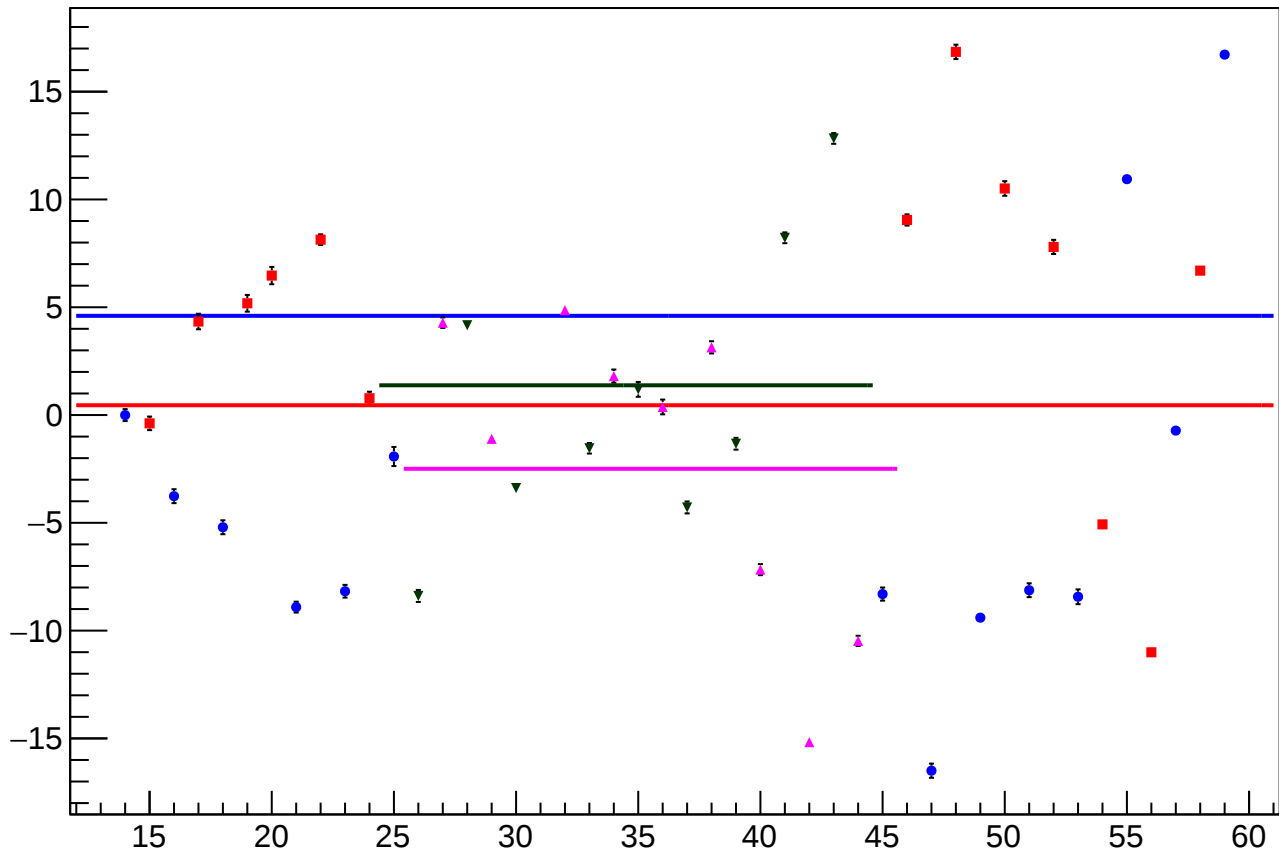
Left Out: -139.501 $\pm$ 0.374 χ^2 /NDF: 2866.7/8

Right Out: 36.090 $\pm$ 0.264 χ^2 /NDF: 164109.7/12

Left In: 148.011 $\pm$ 0.348 χ^2 /NDF: 3260.7/8

0.665 $\pm$ 0.148 χ^2 /NDF: 716127.0/44

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 4.602 $\pm$ 0.046 χ^2 /NDF: 43264.2/13

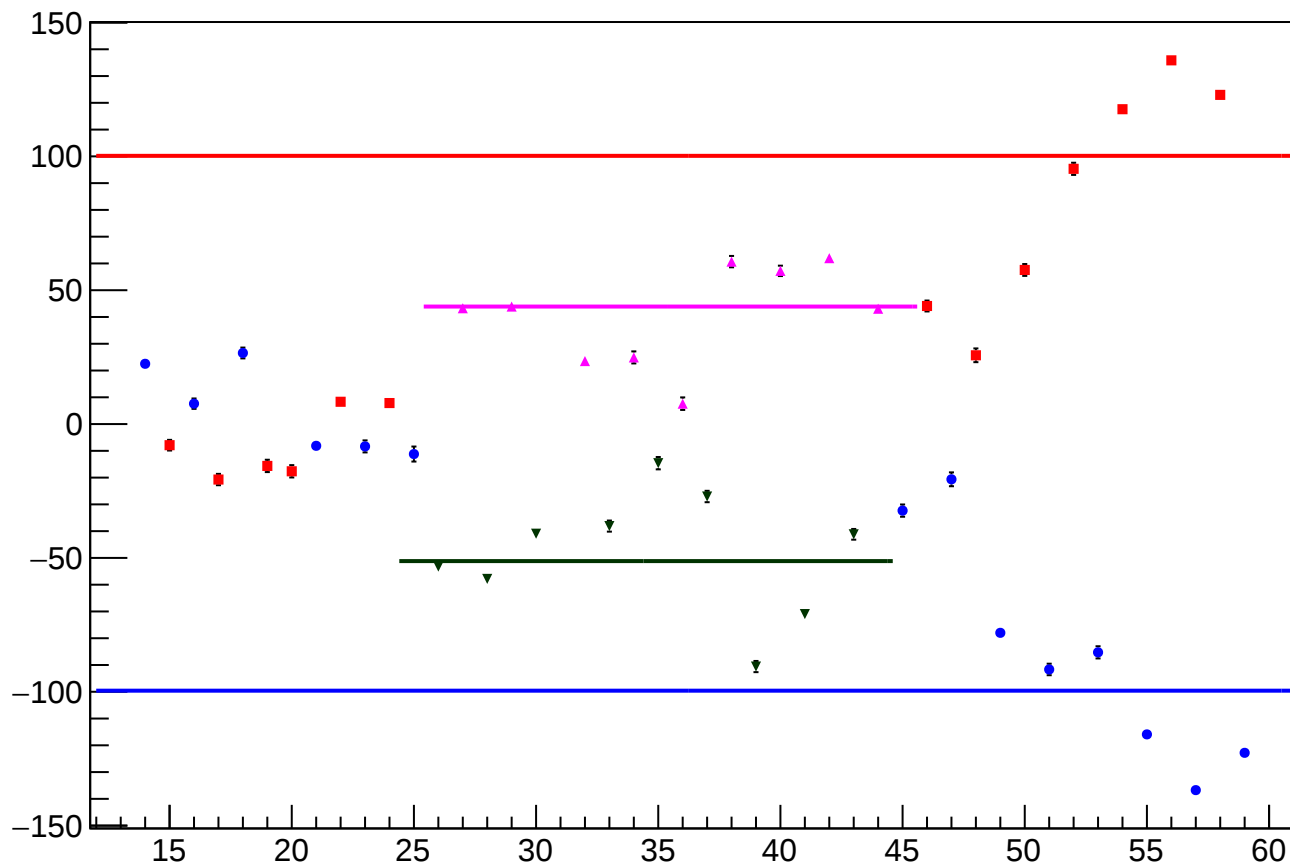
Left Out: 1.380 $\pm$ 0.083 χ^2 /NDF:5402.0/8

1.815 $\pm$ 0.029 χ^2 /NDF: 93515.0/44

Right Out: 0.454 $\pm$ 0.048 χ^2 /NDF: 29795.4/12

Left In: -2.493 $\pm$ 0.081 χ^2 /NDF:7773.1/8

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -99.592 ± 0.305 χ^2/NDF : 25419.1/13

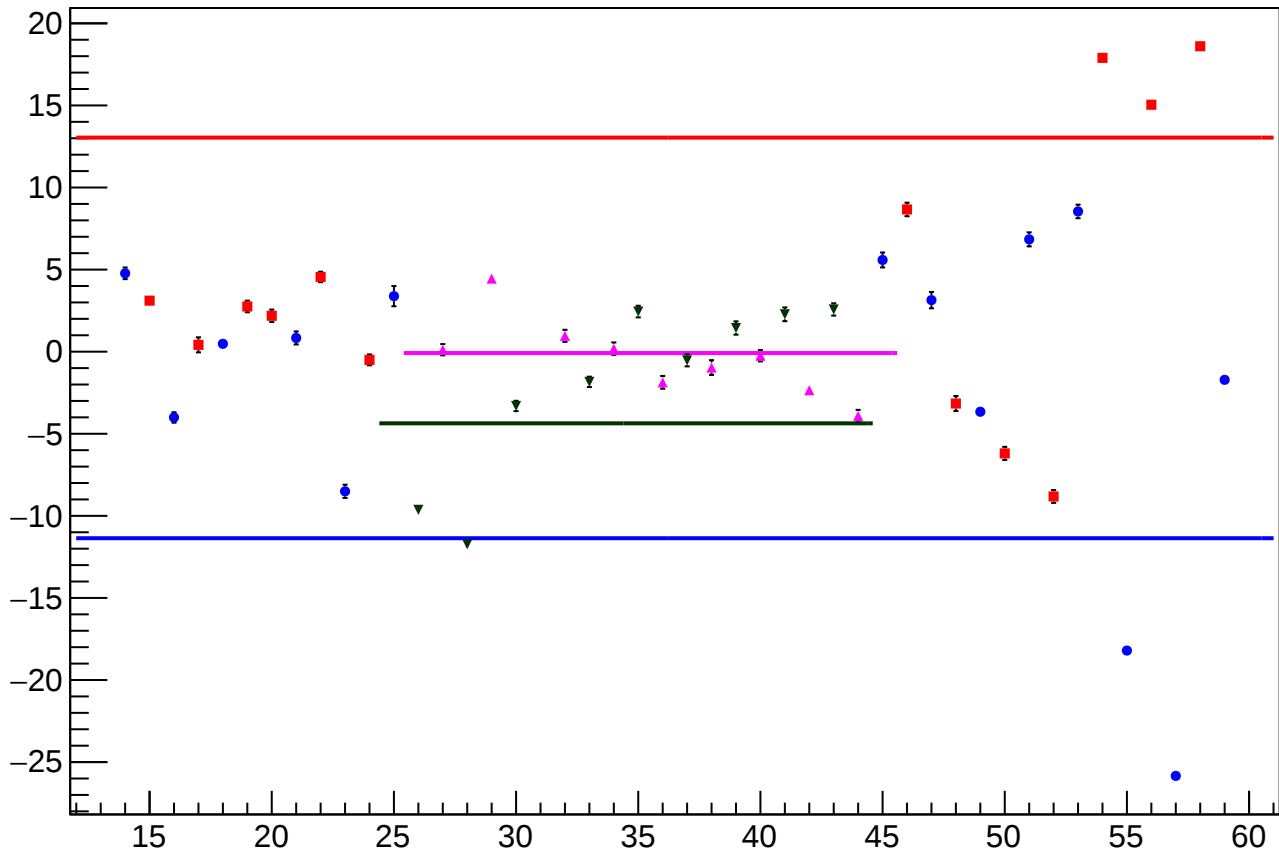
Left Out: -51.187 ± 0.599 χ^2/NDF : 989.9/8

Right Out: 100.196 ± 0.326 χ^2/NDF : 23911.0/12

Left In: 43.897 ± 0.560 χ^2/NDF : 735.5/8

-5.075 ± 0.196 χ^2/NDF : 264779.7/44

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -11.363 ± 0.057 χ^2/NDF : 39360.2/13

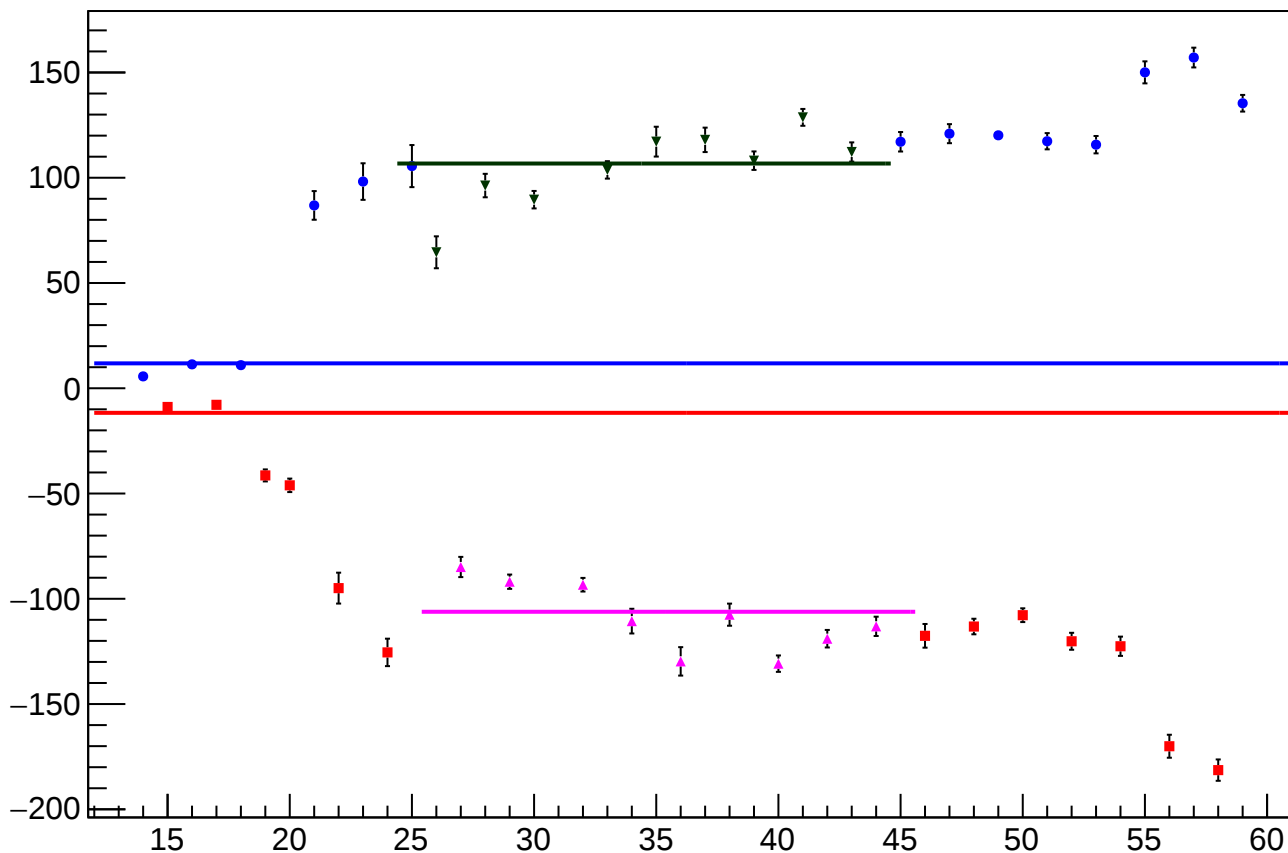
Left Out: -4.365 ± 0.105 χ^2/NDF : 2995.2/8

Right Out: 13.039 ± 0.059 χ^2/NDF : 17000.8/12

Left In: -0.082 ± 0.116 χ^2/NDF : 470.0/8

-0.212 ± 0.036 χ^2/NDF : 150666.6/44

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 11.828 ± 0.214 $\chi^2/\text{NDF}: 8206.3/13$

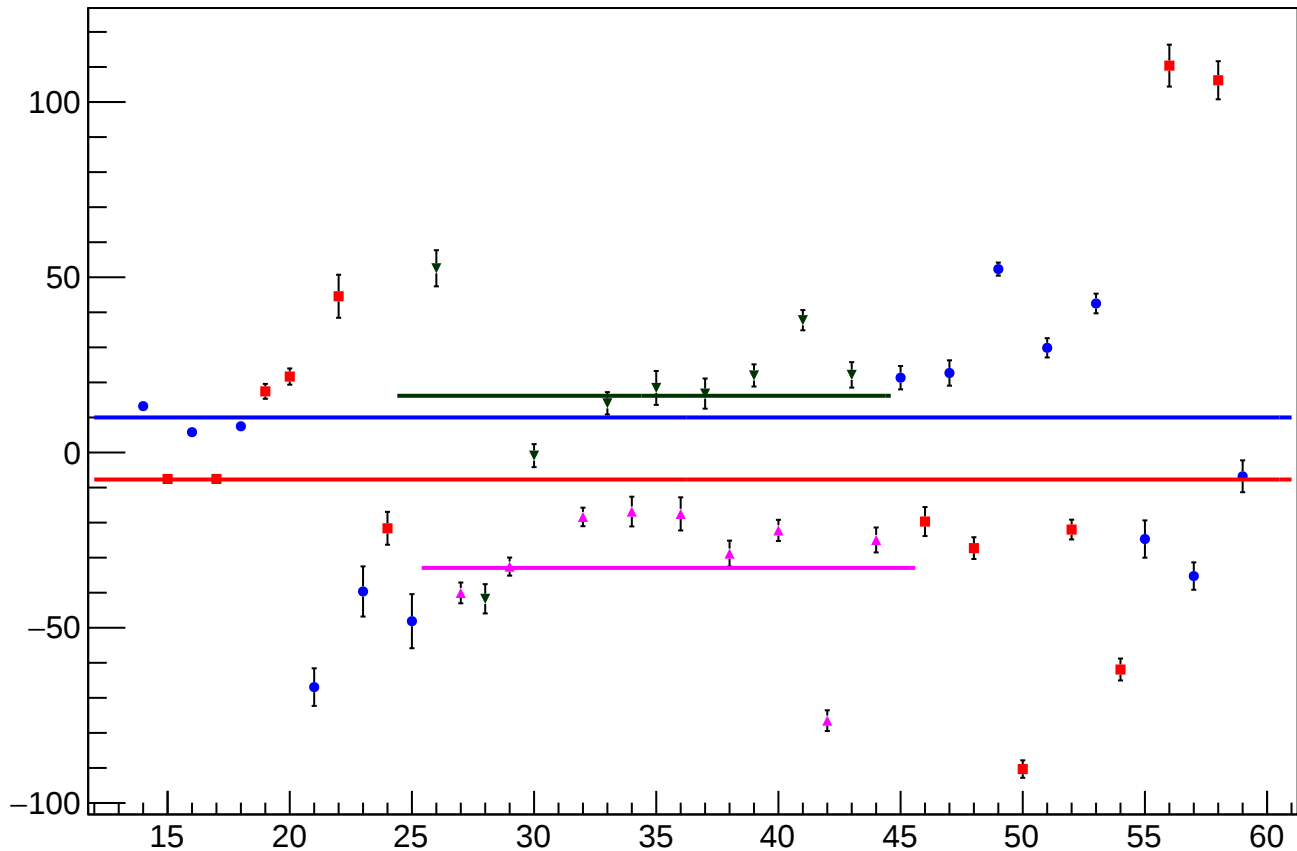
Left Out: 106.753 ± 1.626 $\chi^2/\text{NDF}: 89.6/8$

Right Out: -11.674 ± 0.237 $\chi^2/\text{NDF}: 6084.6/12$

Left In: -106.171 ± 1.438 $\chi^2/\text{NDF}: 117.6/8$

0.982 ± 0.157 $\chi^2/\text{NDF}: 29703.7/44$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 10.005 $\pm$ 0.159 χ^2 /NDF: 1719.6/13

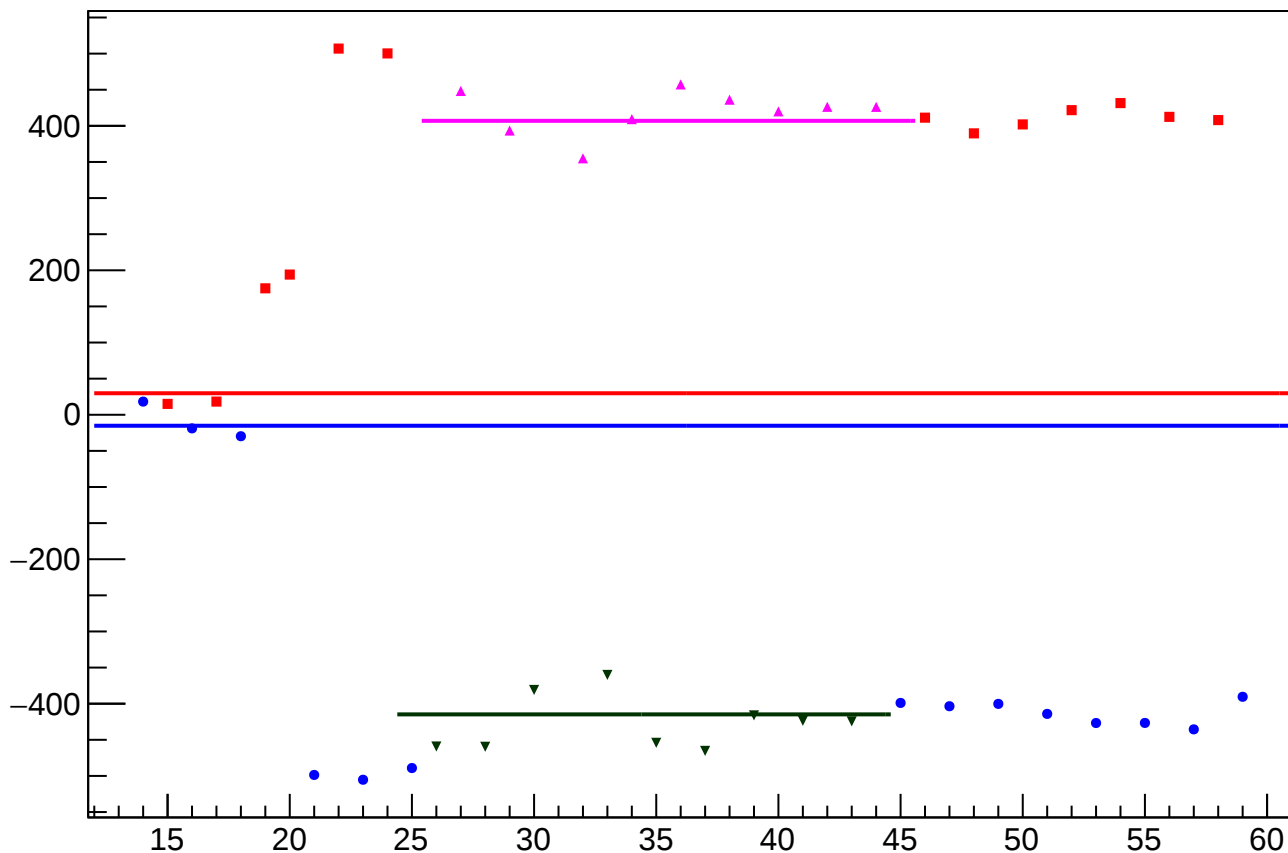
Left Out: 16.187 $\pm$ 1.214 χ^2 /NDF: 331.6/8

Right Out: -7.703 $\pm$ 0.182 χ^2 /NDF: 2685.1/12

Left In: -32.922 $\pm$ 1.064 χ^2 /NDF: 297.8/8

1.995 $\pm$ 0.118 χ^2 /NDF: 11629.4/44

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -15.194 $\pm$ 0.042 χ^2 /NDF: 3308239.8/13

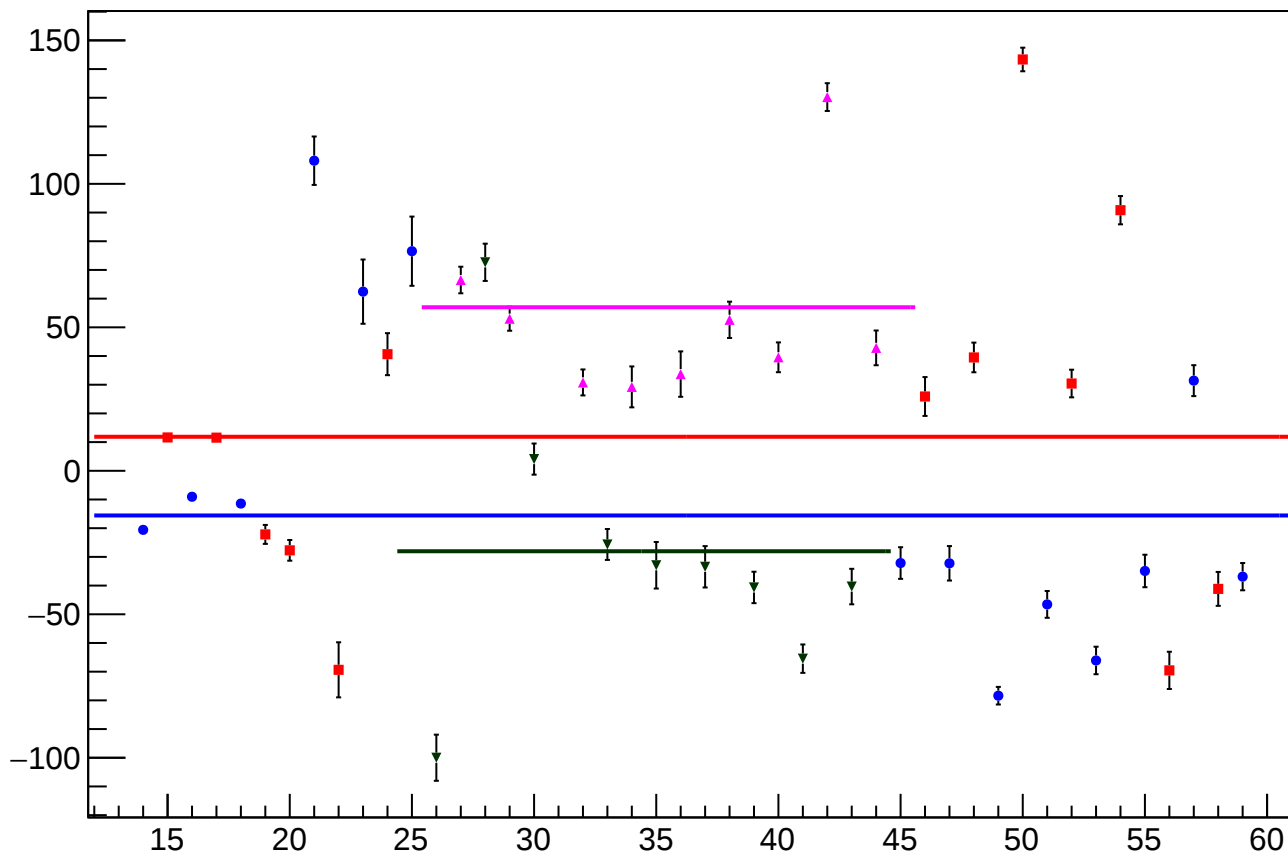
Left Out: -414.789 $\pm$ 0.271 χ^2 /NDF: 17193.7/8

6.037 $\pm$ 0.030 χ^2 /NDF: 11232714.8/44

Right Out: 29.807 $\pm$ 0.046 χ^2 /NDF: 2294437.1/12

Left In: 406.947 $\pm$ 0.246 χ^2 /NDF: 18132.7/8

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.567 ± 0.250 $\chi^2/\text{NDF}: 1507.0/13$

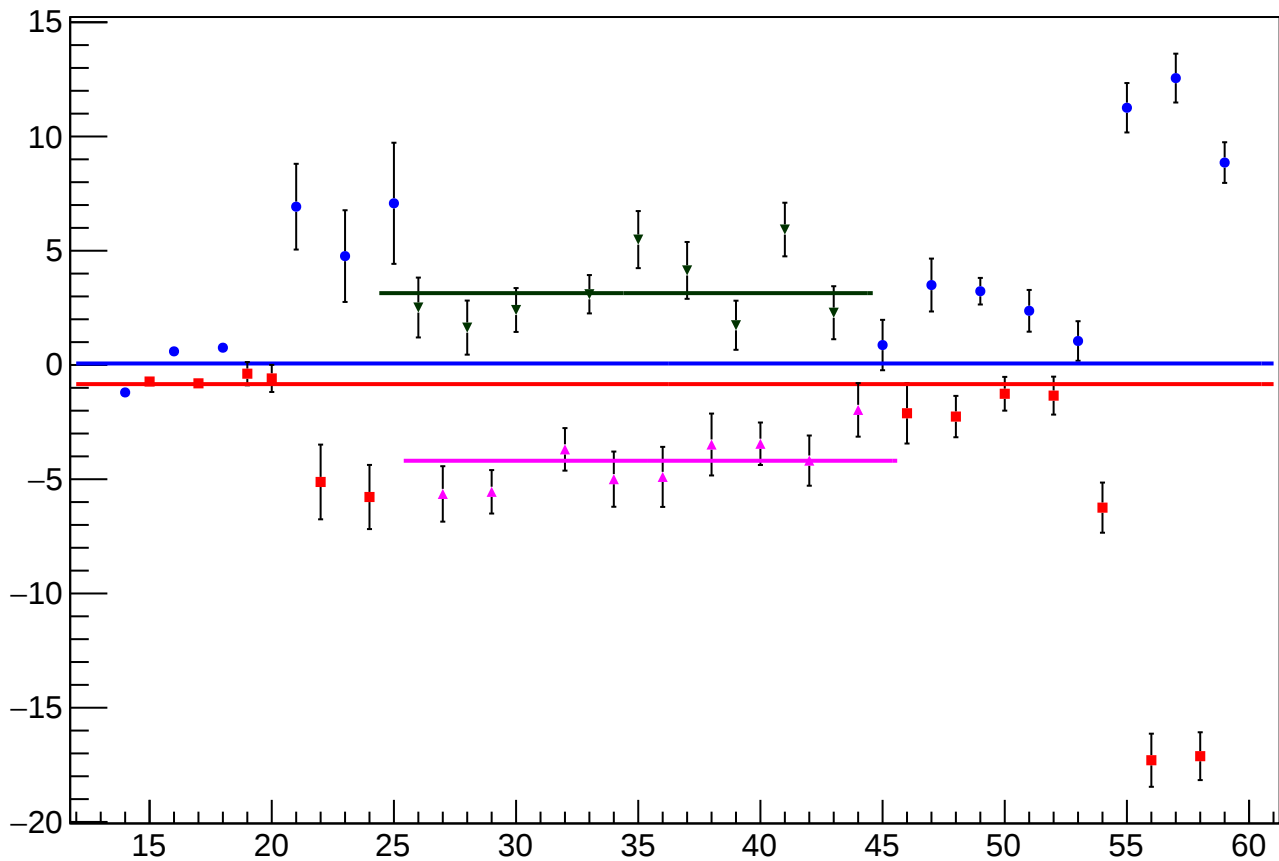
Left Out: -28.036 ± 2.031 $\chi^2/\text{NDF}: 423.4/8$

Right Out: 11.865 ± 0.283 $\chi^2/\text{NDF}: 1878.7/12$

Left In: 56.994 ± 1.767 $\chi^2/\text{NDF}: 308.6/8$

-3.093 ± 0.185 $\chi^2/\text{NDF}: 10715.9/44$

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.066 $\pm$ 0.046 χ^2 /NDF: 776.7/13

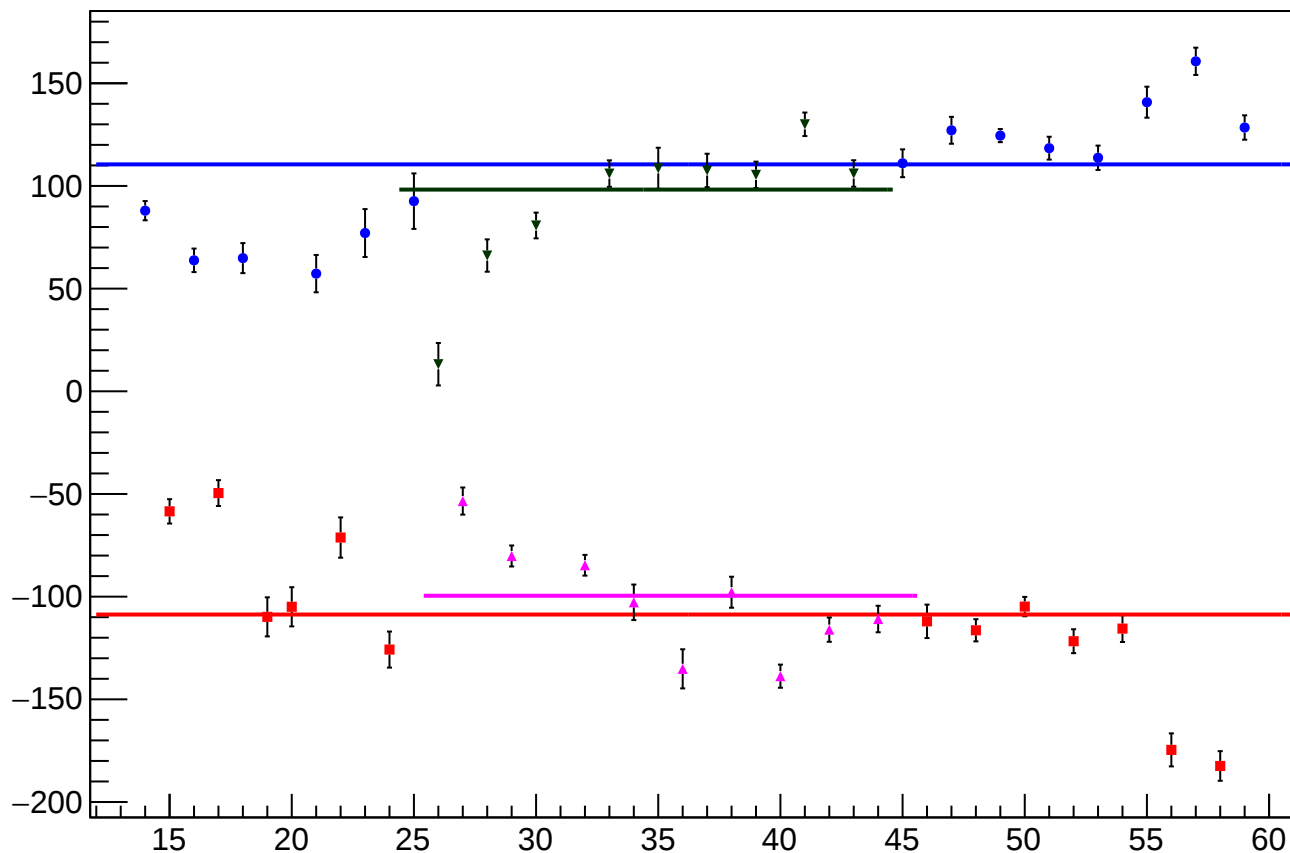
Left Out: 3.144 $\pm$ 0.367 χ^2 /NDF:14.5/8

-0.367 $\pm$ 0.033 χ^2 /NDF: 1675.5/44

Right Out: -0.837 $\pm$ 0.049 χ^2 /NDF: 495.1/12

Left In: -4.191 $\pm$ 0.366 χ^2 /NDF:9.0/8

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 110.504 $\pm$ 1.597 χ^2 /NDF: 283.2/13

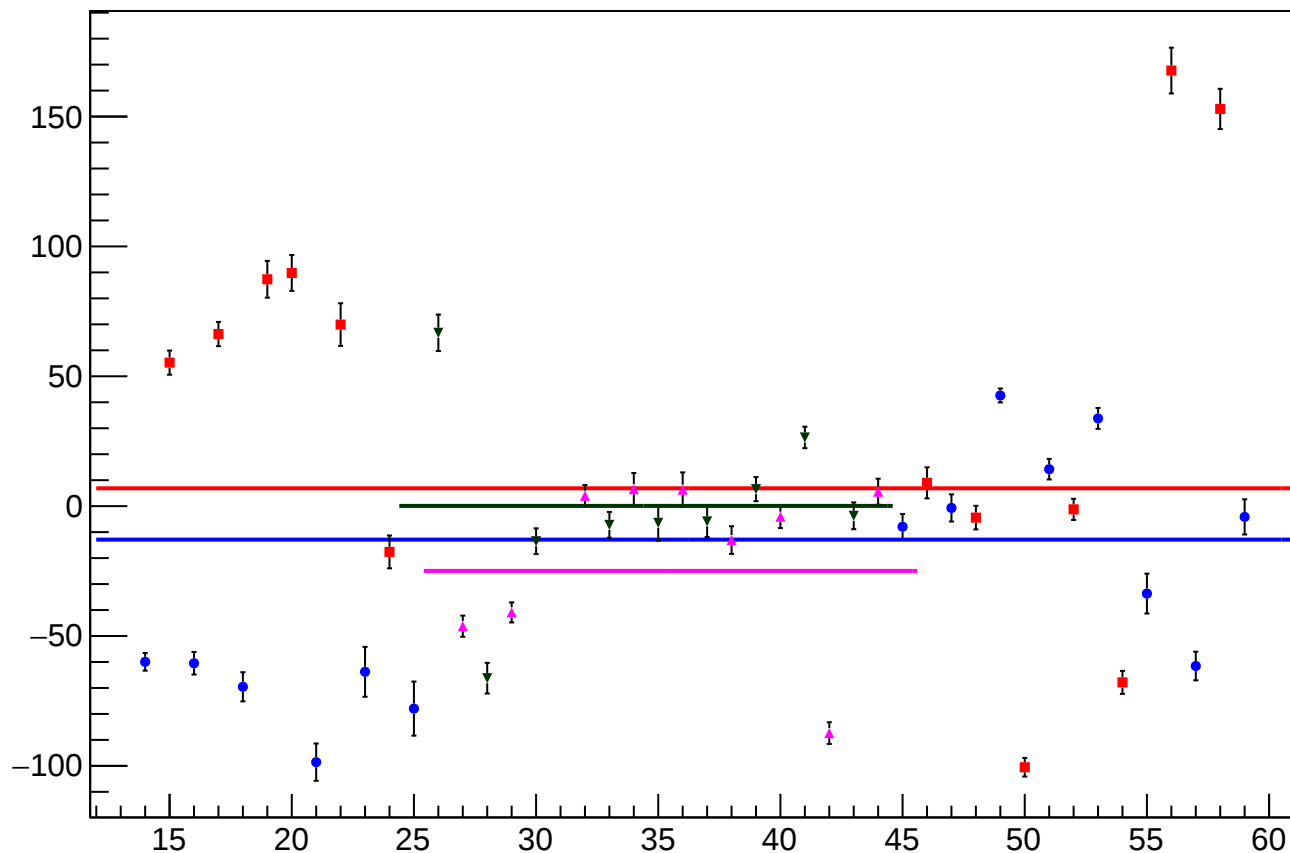
Left Out: 98.229 $\pm$ 2.366 χ^2 /NDF:129.5/8

Right Out: -108.699 $\pm$ 1.887 χ^2 /NDF: 358.6/12

Left In: -99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

7.222 $\pm$ 0.963 χ^2 /NDF: 12932.1/44

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -12.887 ± 1.265 $\chi^2/\text{NDF}: 1325.7/13$

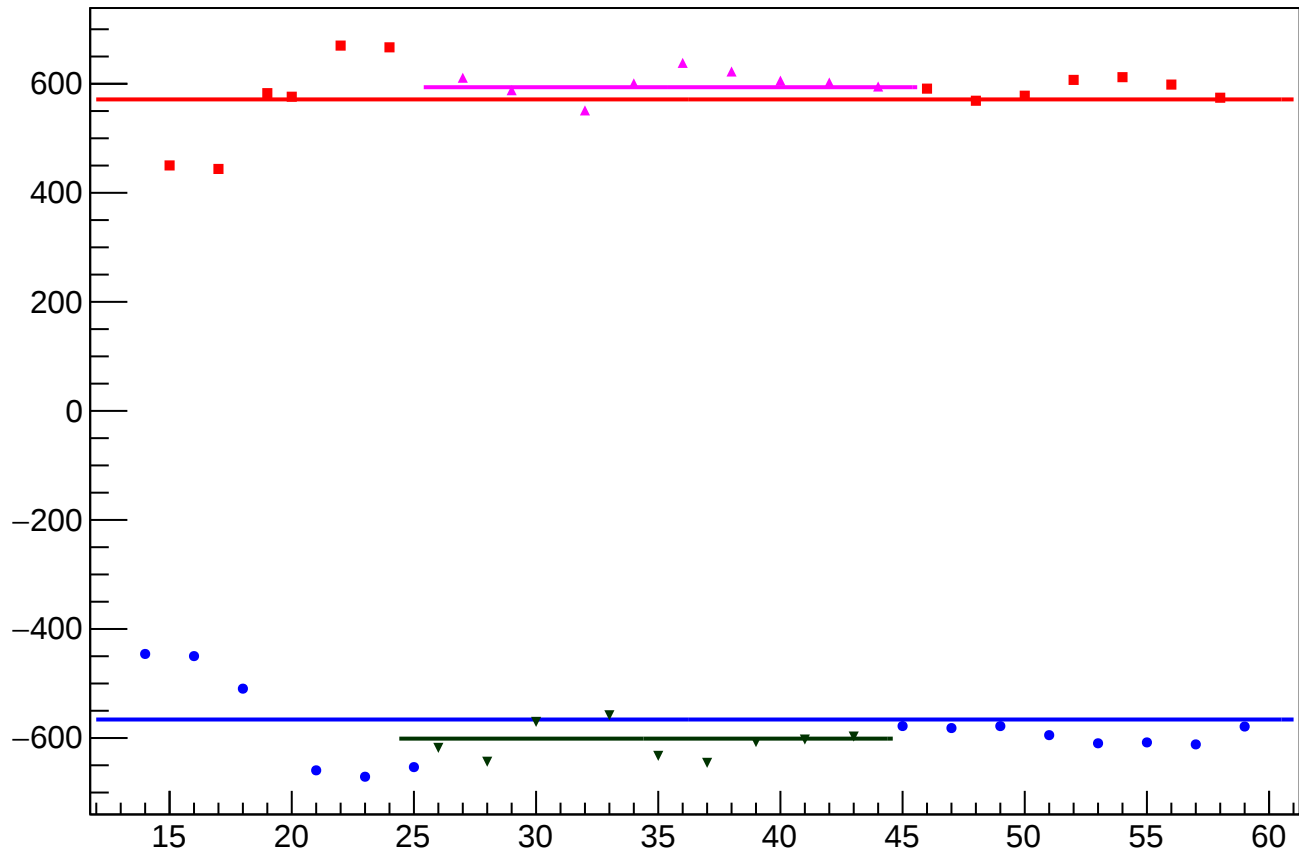
Left Out: 0.093 ± 1.763 $\chi^2/\text{NDF}: 271.1/8$

Right Out: 6.870 ± 1.462 $\chi^2/\text{NDF}: 2499.3/12$

Left In: -24.935 ± 1.545 $\chi^2/\text{NDF}: 429.4/8$

-8.322 ± 0.738 $\chi^2/\text{NDF}: 4784.9/44$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -566.044+/-0.296 χ^2/NDF : 43350.2/13

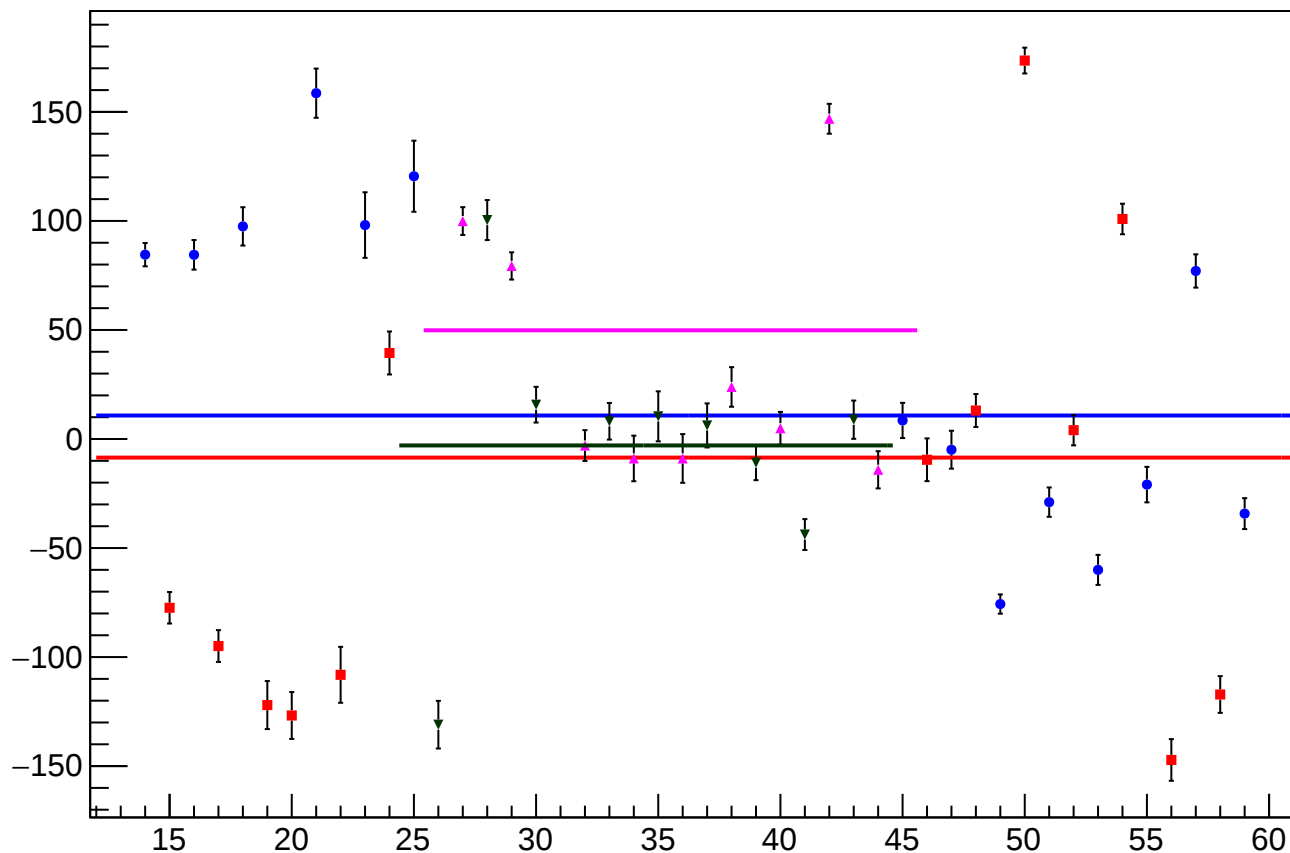
Left Out: -601.116+/-0.395 χ^2/NDF : 5229.3/8

Right Out: 571.326+/-0.340 χ^2/NDF : 31983.2/12

Left In: 593.704+/-0.360 χ^2/NDF : 4731.8/8

-24.225+/-0.171 χ^2/NDF : 11578388.5/44

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 10.777 ± 1.958 $\chi^2/\text{NDF}: 1314.5/13$

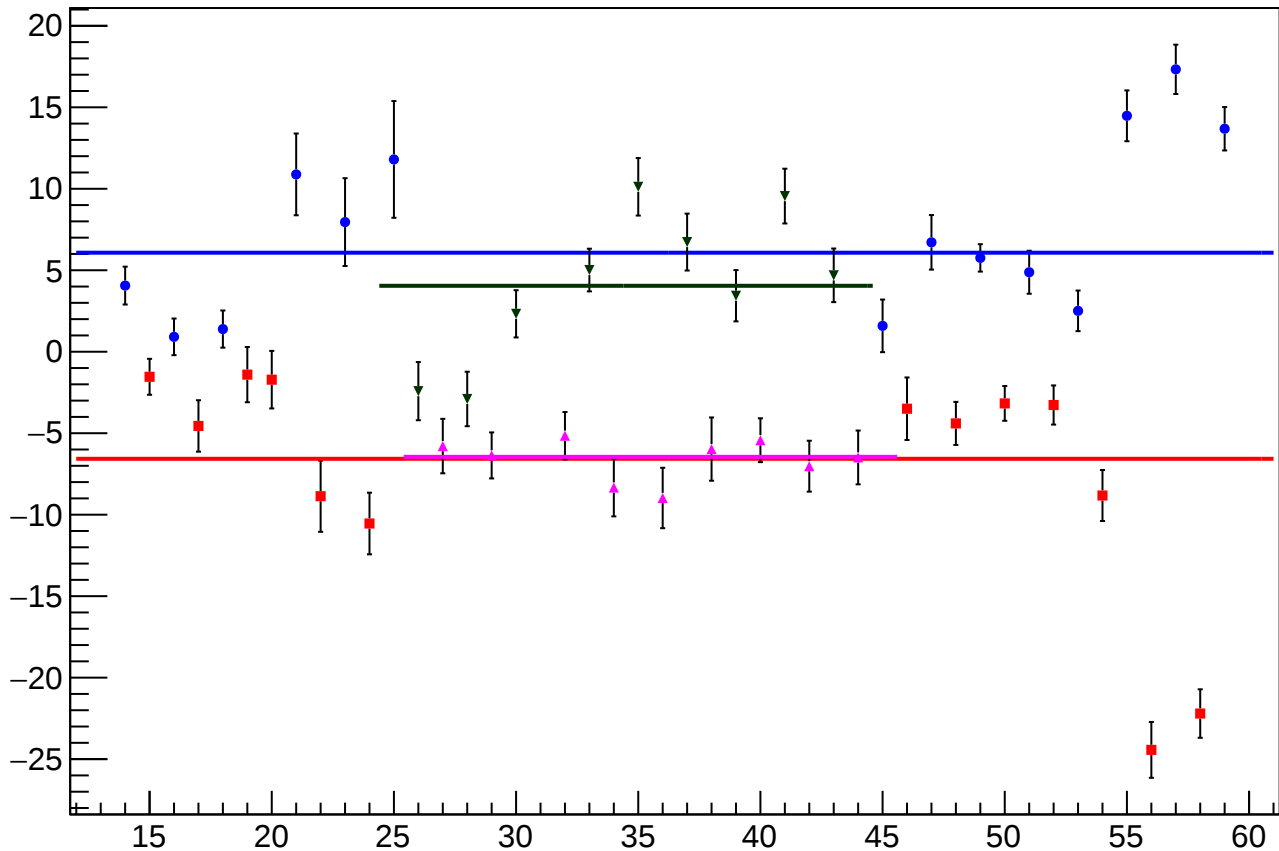
Left Out: -2.951 ± 2.946 $\chi^2/\text{NDF}: 309.3/8$

Right Out: -8.527 ± 2.272 $\chi^2/\text{NDF}: 2122.0/12$

Left In: 49.855 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

11.657 ± 1.177 $\chi^2/\text{NDF}: 4571.9/44$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.077 ± 0.366 χ^2/NDF : 181.7/13

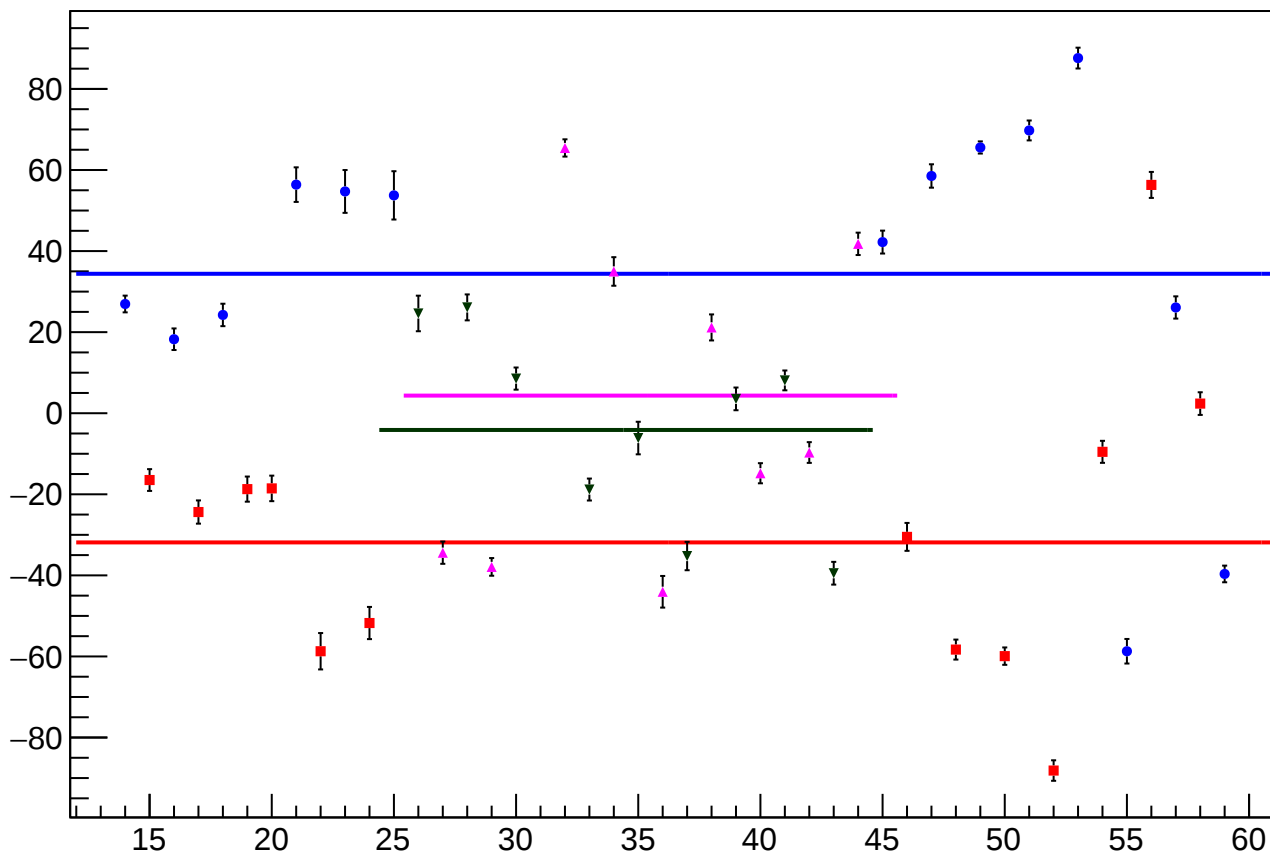
Left Out: 4.047 ± 0.534 χ^2/NDF : 57.6/8

Right Out: -6.570 ± 0.408 χ^2/NDF : 288.8/12

Left In: -6.449 ± 0.532 χ^2/NDF : 4.7/8

-0.130 ± 0.221 χ^2/NDF : 1271.6/44

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 34.399+/-0.688 χ^2 /NDF: 3514.3/13

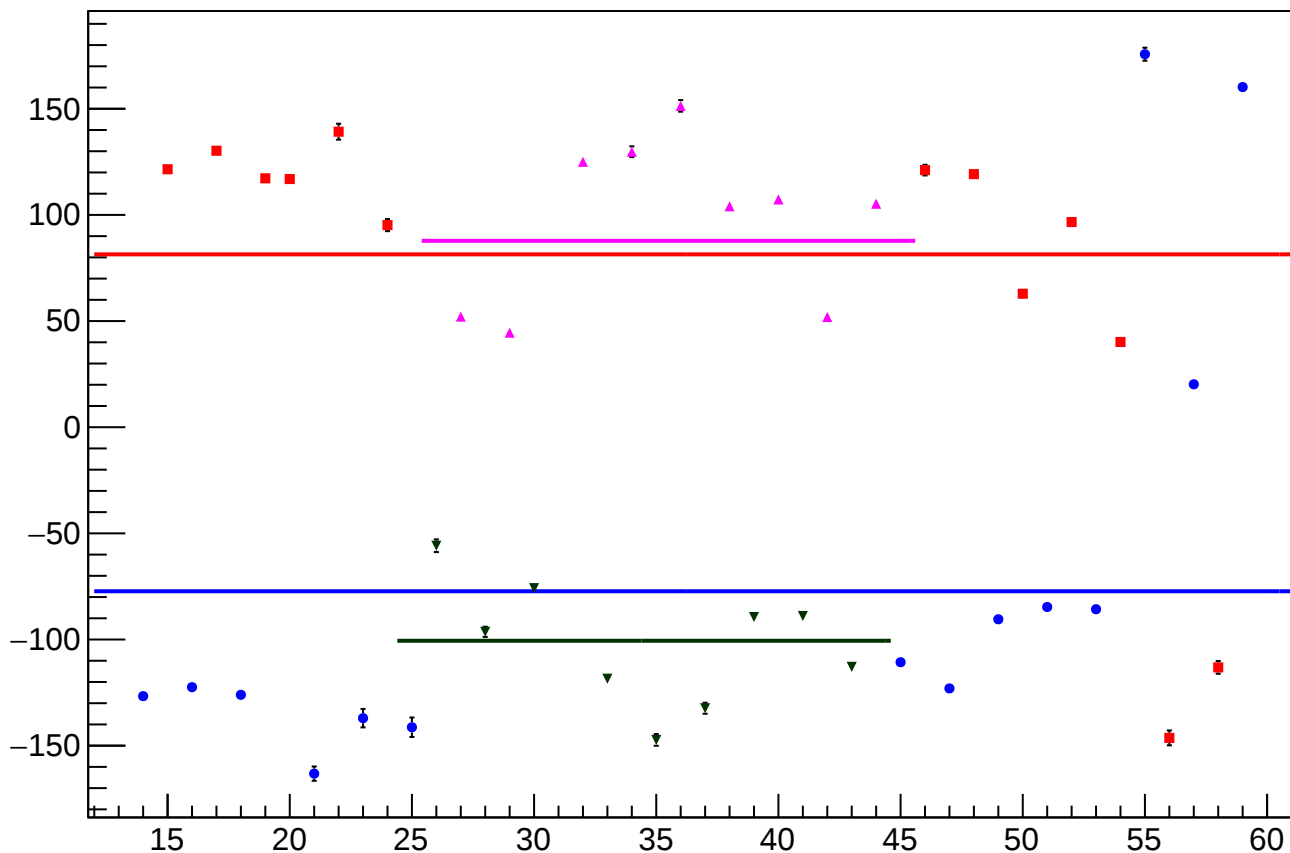
Left Out: -4.129+/-1.007 χ^2 /NDF:453.7/8

4.101+/-0.411 χ^2 /NDF: 11814.1/44

Right Out: -31.869+/-0.800 χ^2 /NDF: 1891.8/12

Left In: 4.348+/-0.893 χ^2 /NDF:1927.7/8

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -77.265+/-0.551 χ^2/NDF : 22725.0/13

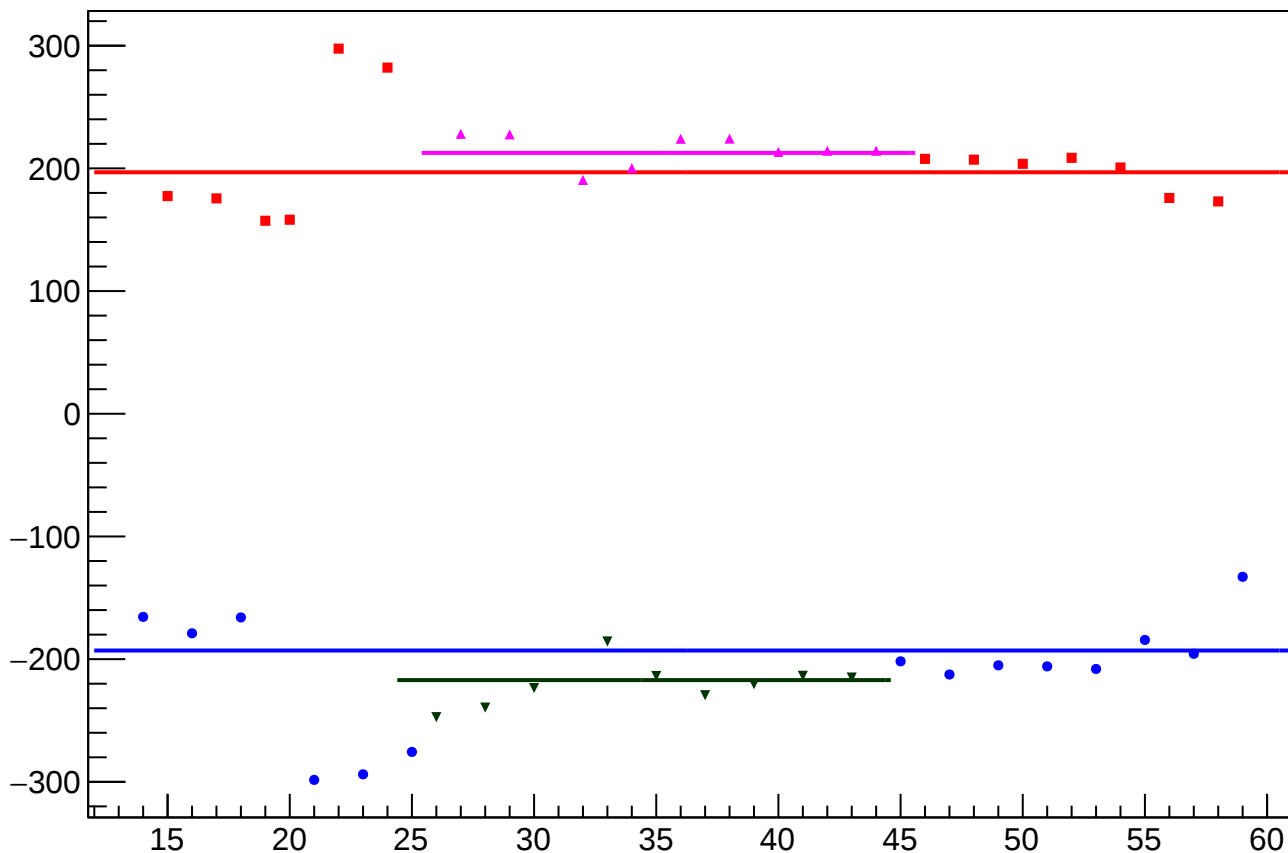
Left Out: -100.583+/-0.750 χ^2/NDF : 975.8/8

Right Out: 81.418+/-0.621 χ^2/NDF : 11349.2/12

Left In: 87.800+/-0.654 χ^2/NDF : 3036.8/8

-1.720+/-0.316 χ^2/NDF : 110883.7/44

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -192.968+/-0.127 χ^2/NDF : 77525.1/13

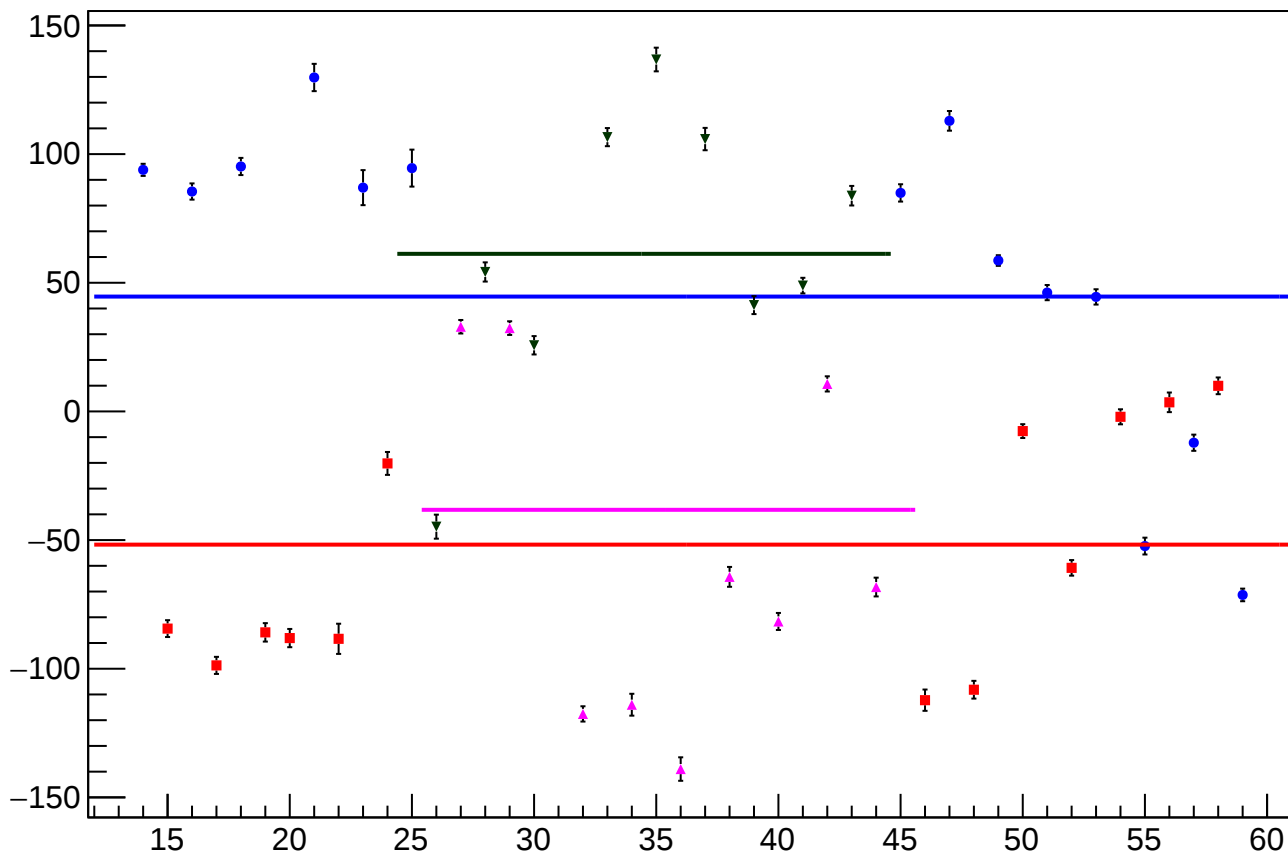
Left Out: -217.083+/-0.168 χ^2/NDF : 9883.1/8

-6.071+/-0.073 χ^2/NDF : 7928956.6/44

Right Out: 196.829+/-0.144 χ^2/NDF : 46202.2/12

Left In: 212.625+/-0.153 χ^2/NDF : 8043.8/8

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 44.633 ± 0.837 $\chi^2/\text{NDF}: 5133.2/13$

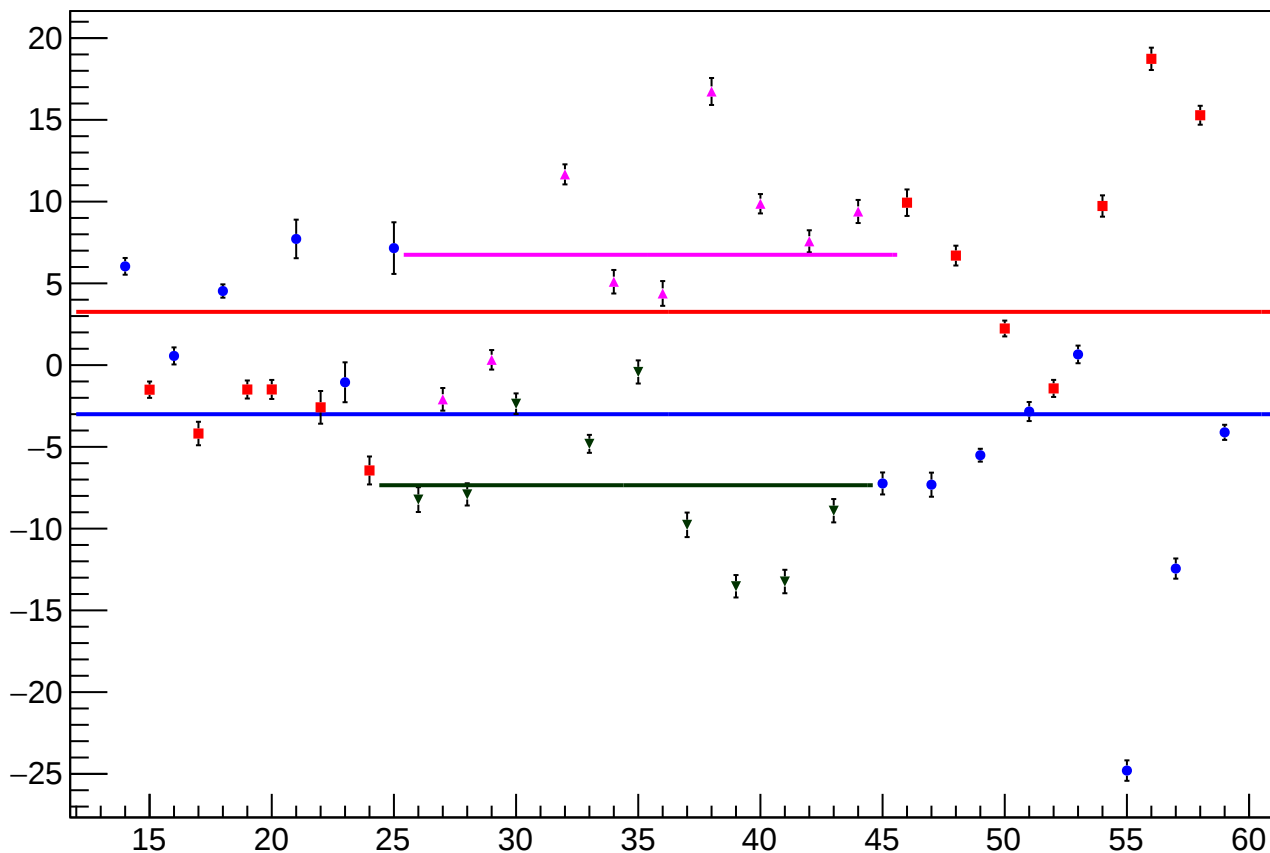
Left Out: 61.242 ± 1.253 $\chi^2/\text{NDF}: 1243.9/8$

3.387 ± 0.499 $\chi^2/\text{NDF}: 21461.1/44$

Right Out: -51.770 ± 0.957 $\chi^2/\text{NDF}: 2204.0/12$

Left In: -38.240 ± 1.083 $\chi^2/\text{NDF}: 3520.6/8$

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -3.003 ± 0.154 χ^2/NDF : 2442.5/13

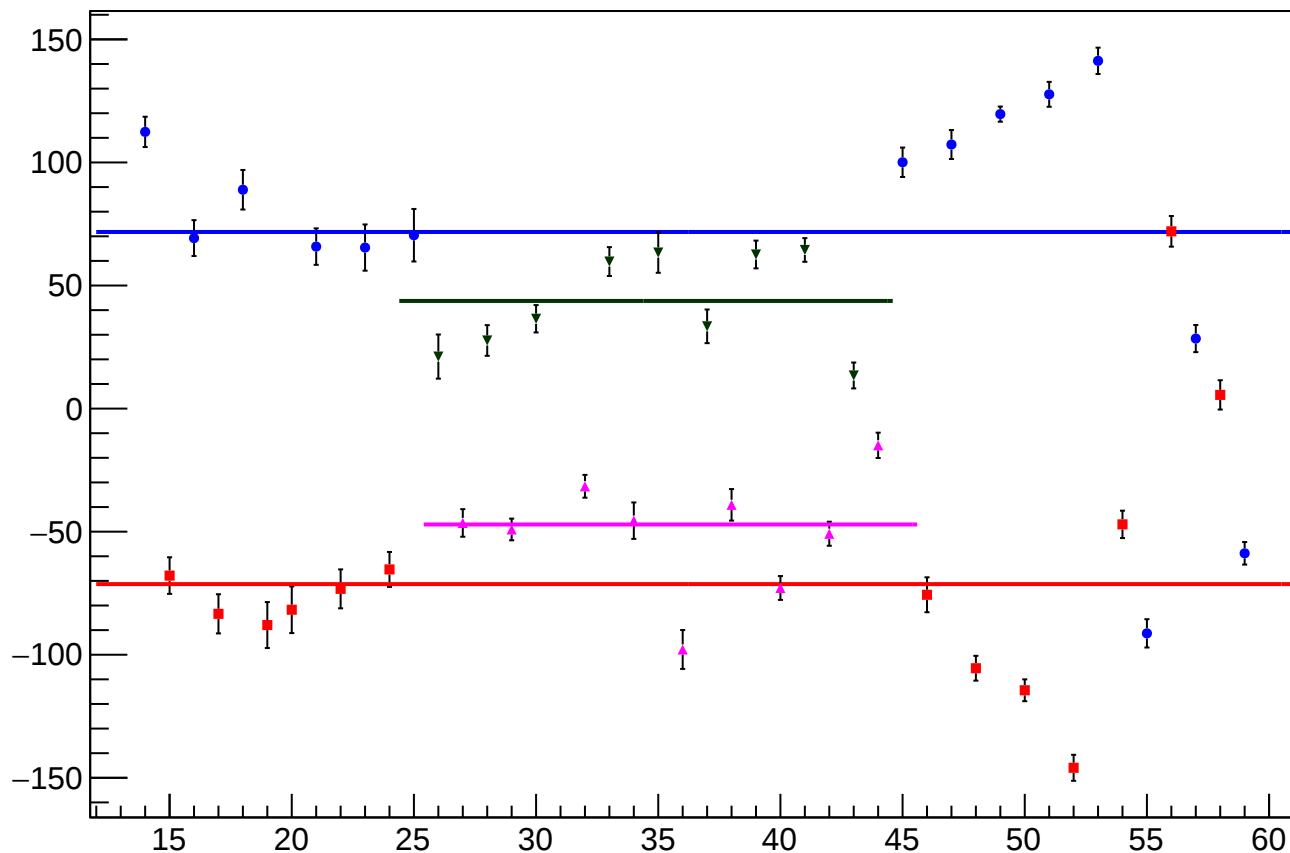
Left Out: -7.346 ± 0.226 χ^2/NDF : 345.0/8

-0.218 ± 0.093 χ^2/NDF : 7754.5/44

Right Out: 3.257 ± 0.171 χ^2/NDF : 1730.7/12

Left In: 6.747 ± 0.225 χ^2/NDF : 547.5/8

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 71.757+/-1.497 χ^2 /NDF: 2319.1/13

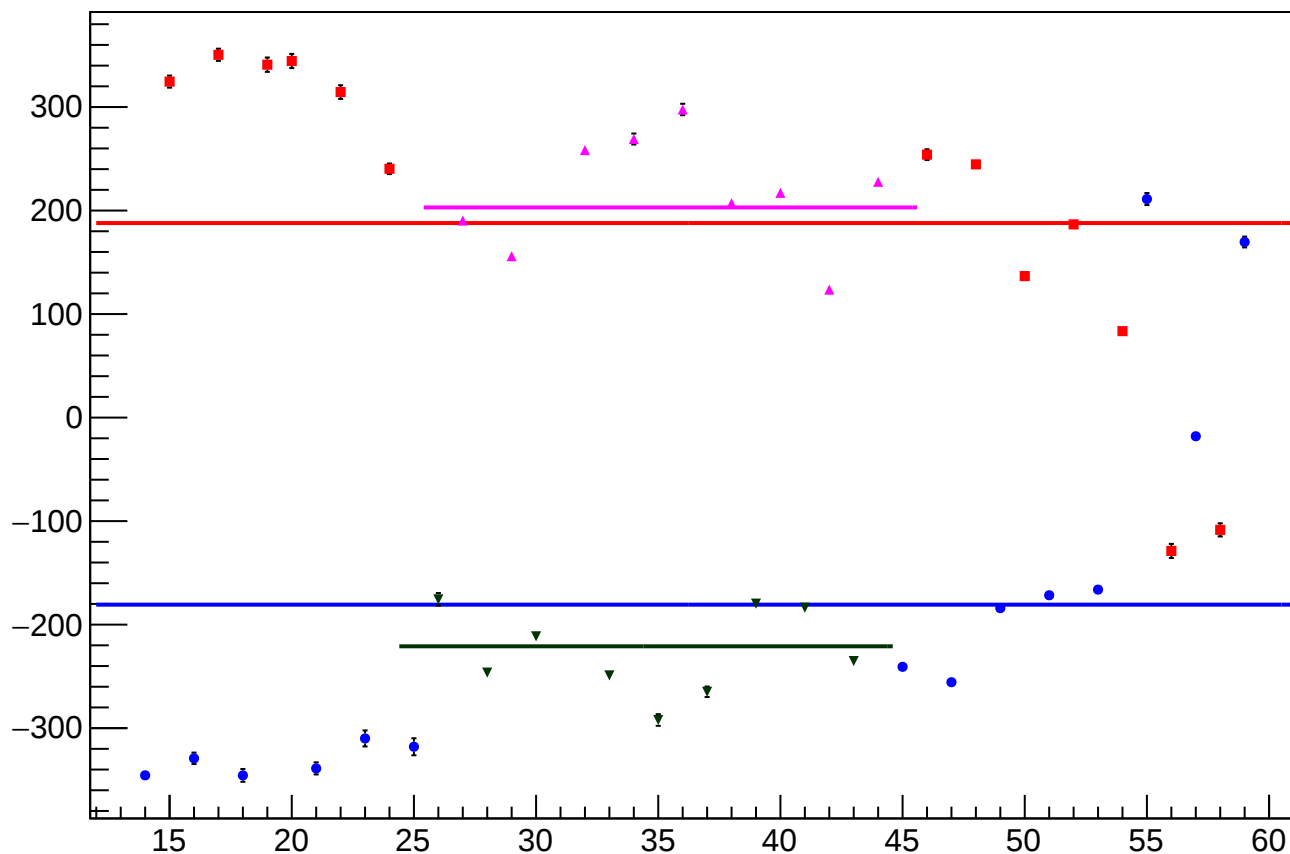
Left Out: 43.740+/-2.013 χ^2 /NDF: 93.1/8

Right Out: -71.308+/-1.755 χ^2 /NDF: 1064.3/12

Left In: -47.079+/-1.793 χ^2 /NDF: 122.4/8

3.770+/-0.867 χ^2 /NDF: 8690.6/44

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -180.716+/-1.210 χ^2/NDF : 14737.8/13

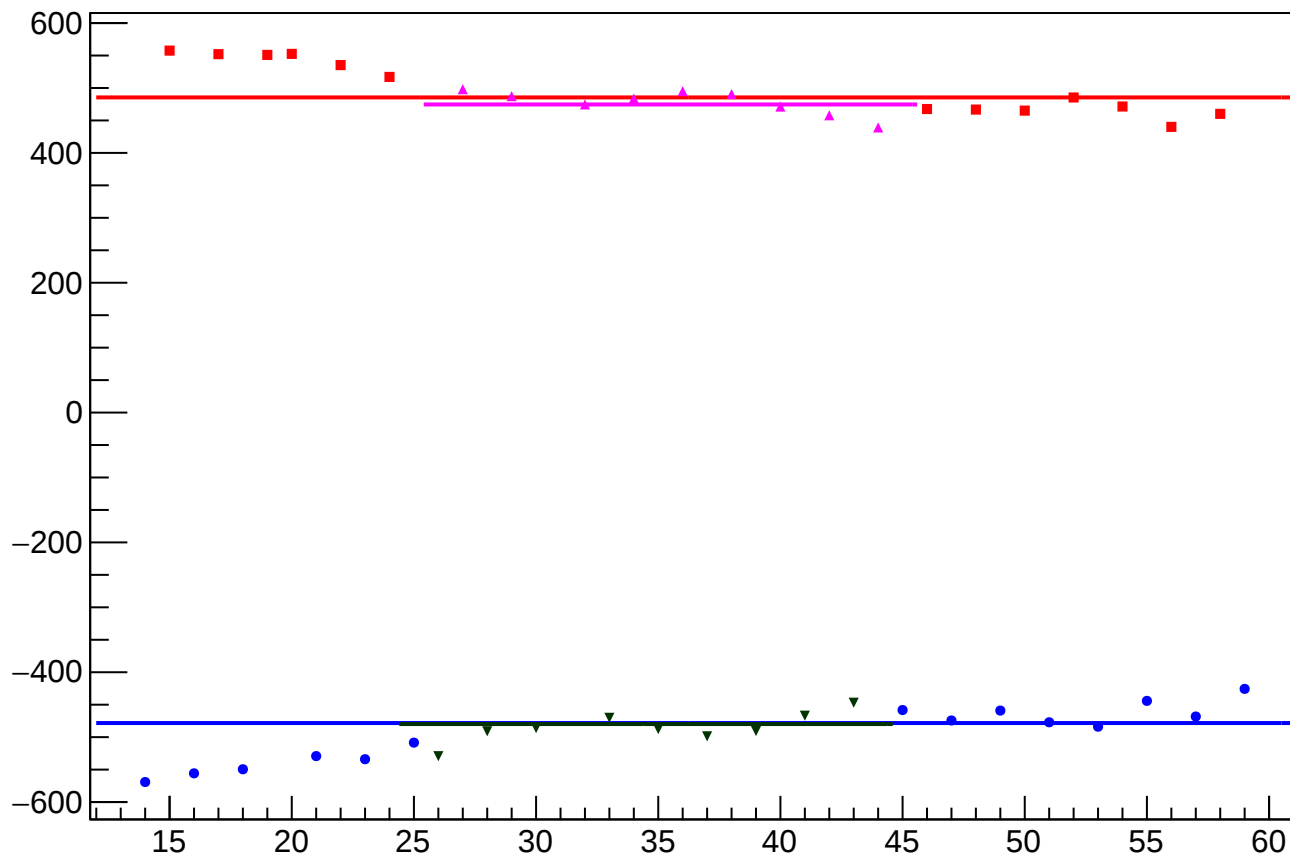
Left Out: -220.942+/-1.501 χ^2/NDF : 593.2/8

Right Out: 187.931+/-1.375 χ^2/NDF : 8410.8/12

Left In: 203.009+/-1.312 χ^2/NDF : 1461.1/8

-1.813+/-0.669 χ^2/NDF : 111803.2/44

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -478.261+/-0.273 χ^2/NDF : 20567.7/13

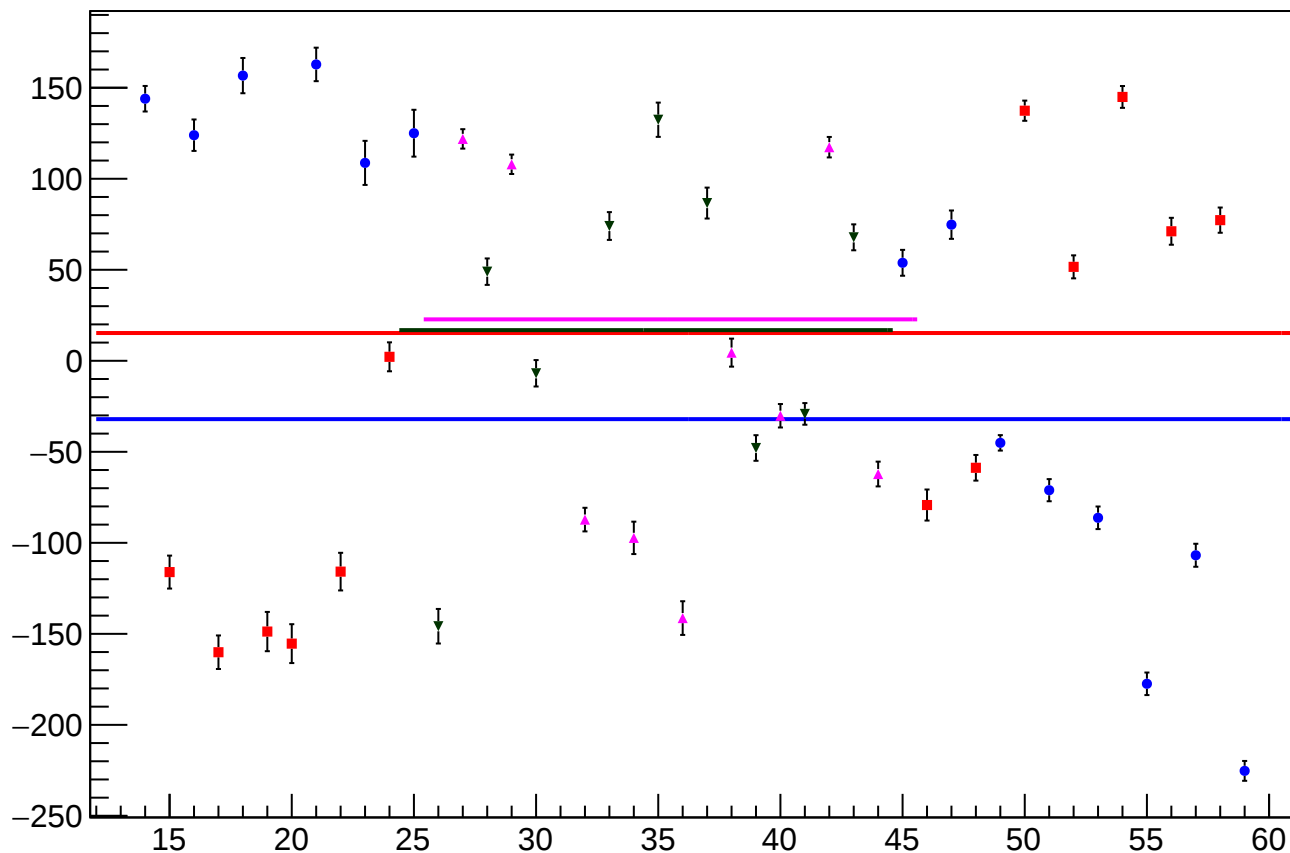
Left Out: -479.818+/-0.337 χ^2/NDF : 3488.7/8

Right Out: 485.472+/-0.313 χ^2/NDF : 12721.7/12

Left In: 474.602+/-0.308 χ^2/NDF : 3381.8/8

-15.776+/-0.153 χ^2/NDF : 9900414.0/44

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -32.052 ± 1.830 $\chi^2/\text{NDF}: 4475.3/13$

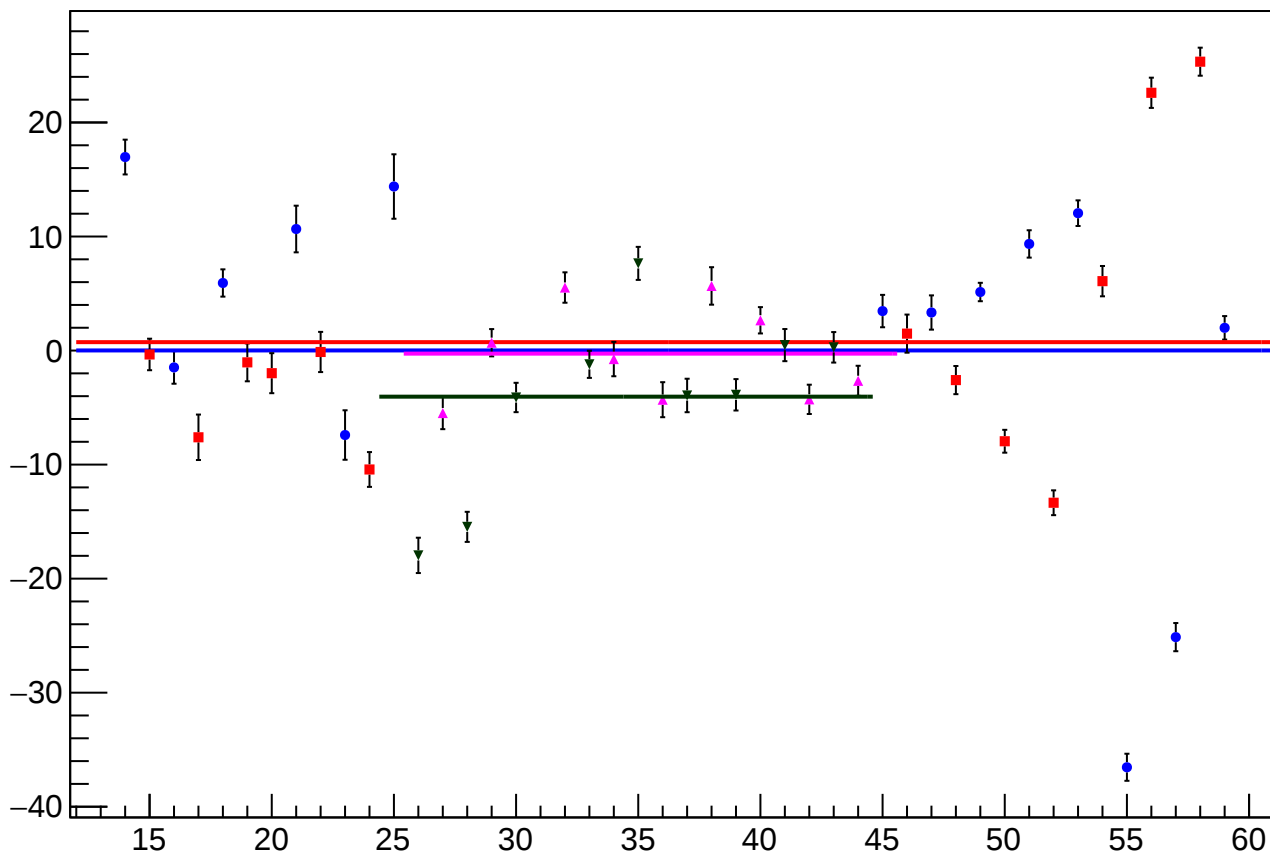
Left Out: 16.850 ± 2.504 $\chi^2/\text{NDF}: 793.7/8$

Right Out: 15.259 ± 2.109 $\chi^2/\text{NDF}: 2577.9/12$

Left In: 22.758 ± 2.169 $\chi^2/\text{NDF}: 1896.5/8$

1.549 ± 1.057 $\chi^2/\text{NDF}: 10255.7/44$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 0.010 $\pm$ 0.344 χ^2 /NDF: 1806.4/13

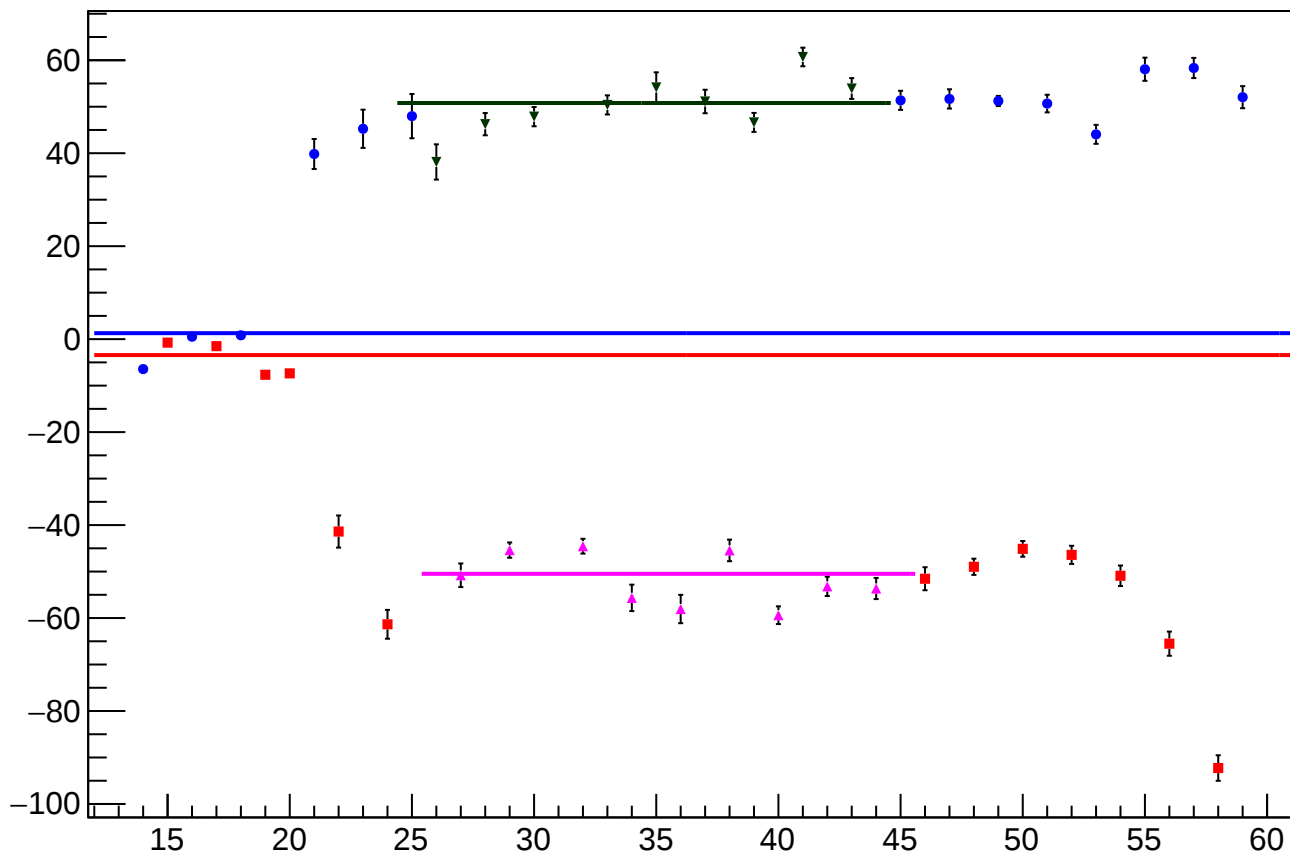
Left Out: -4.043 $\pm$ 0.455 χ^2 /NDF: 247.2/8

Right Out: 0.737 $\pm$ 0.382 χ^2 /NDF: 1014.1/12

Left In: -0.270 $\pm$ 0.450 χ^2 /NDF: 72.6/8

-0.627 $\pm$ 0.200 χ^2 /NDF: 3213.4/44

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 1.286+/-0.144 χ^2/NDF : 7276.6/13

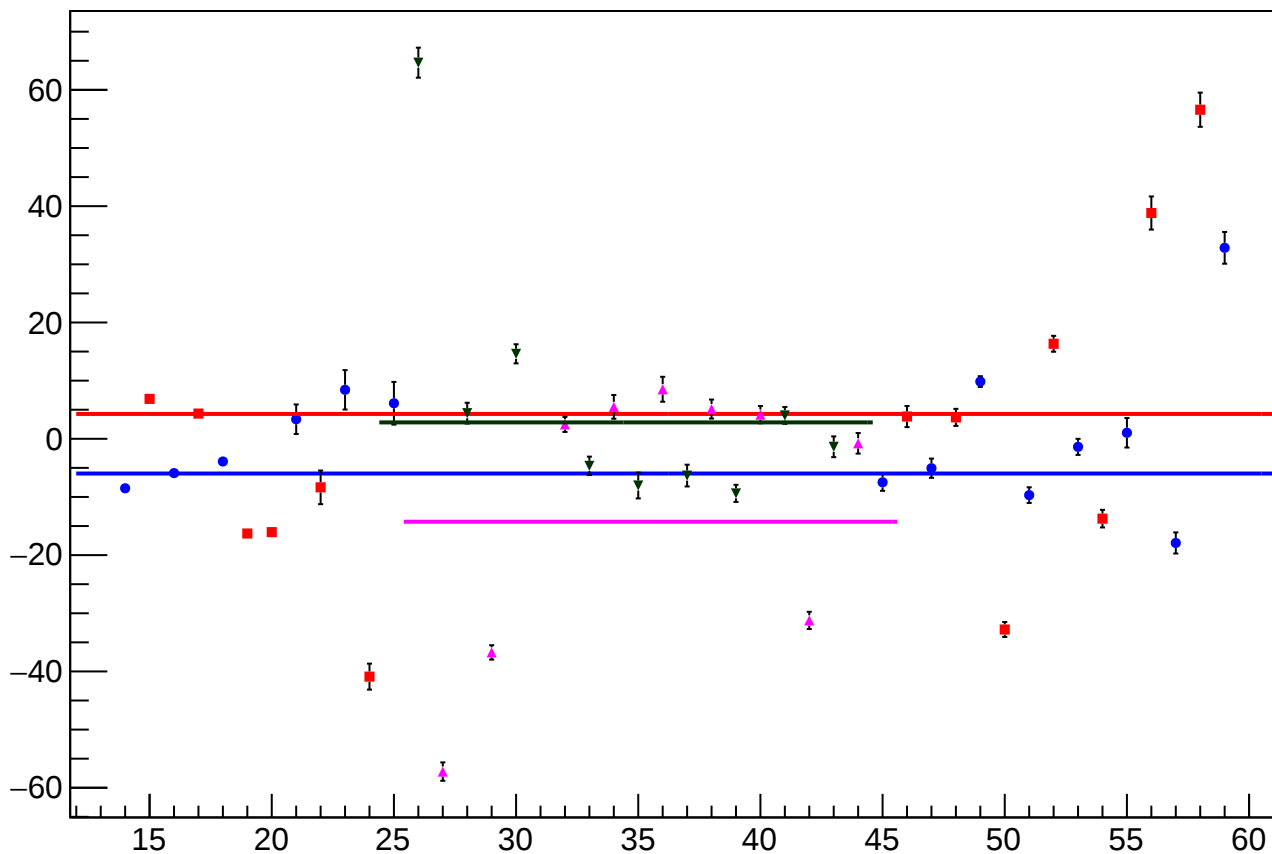
Left Out: 50.802+/-0.778 χ^2/NDF : 48.5/8

-1.151+/-0.102 χ^2/NDF : 22297.4/44

Right Out: -3.426+/-0.149 χ^2/NDF : 4972.0/12

Left In: -50.487+/-0.701 χ^2/NDF : 63.2/8

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -5.970 ± 0.108 $\chi^2/\text{NDF}: 863.8/13$

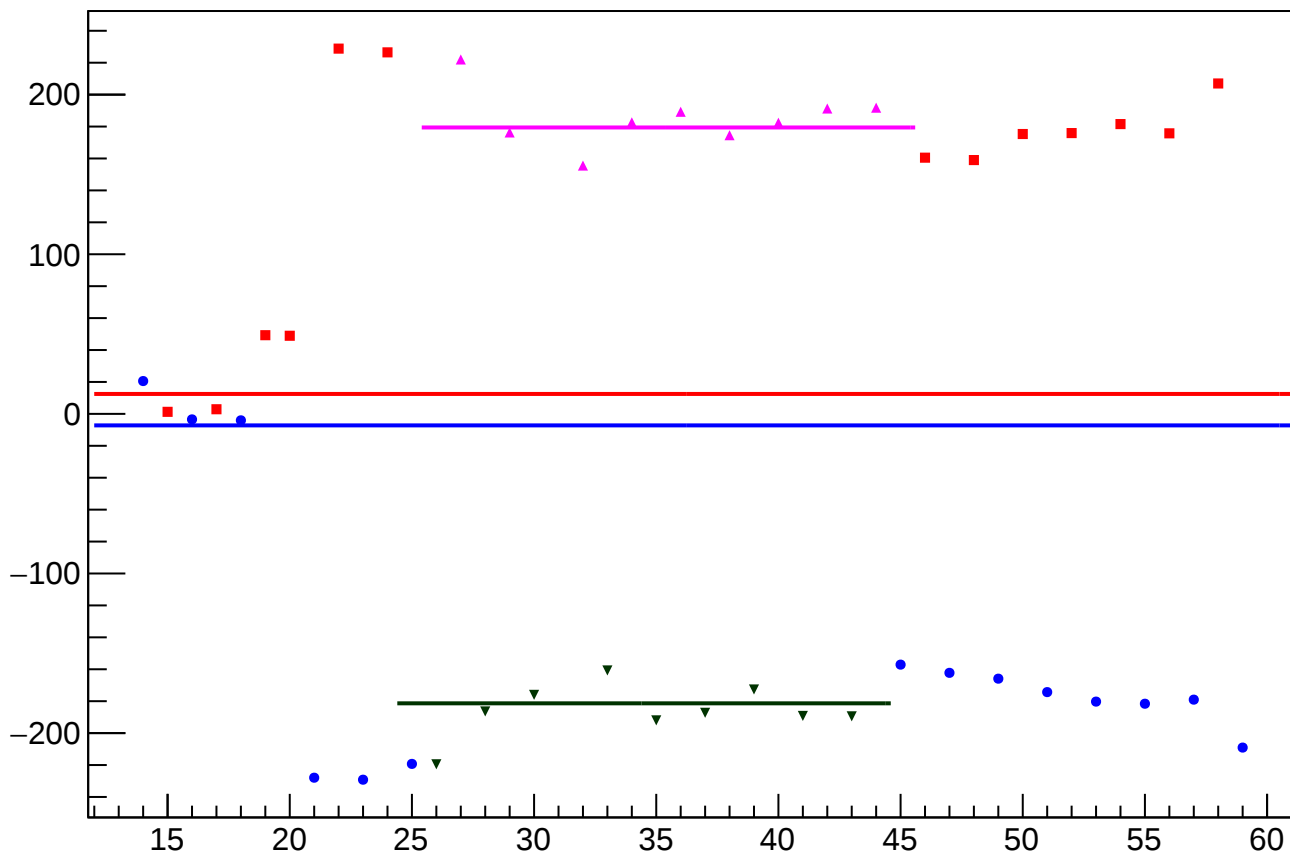
Left Out: 2.819 ± 0.580 $\chi^2/\text{NDF}: 771.6/8$

Right Out: 4.273 ± 0.114 $\chi^2/\text{NDF}: 3772.6/12$

Left In: -14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

-1.311 ± 0.077 $\chi^2/\text{NDF}: 12266.4/44$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -7.215+/-0.028 χ^2/NDF : 2590449.1/13

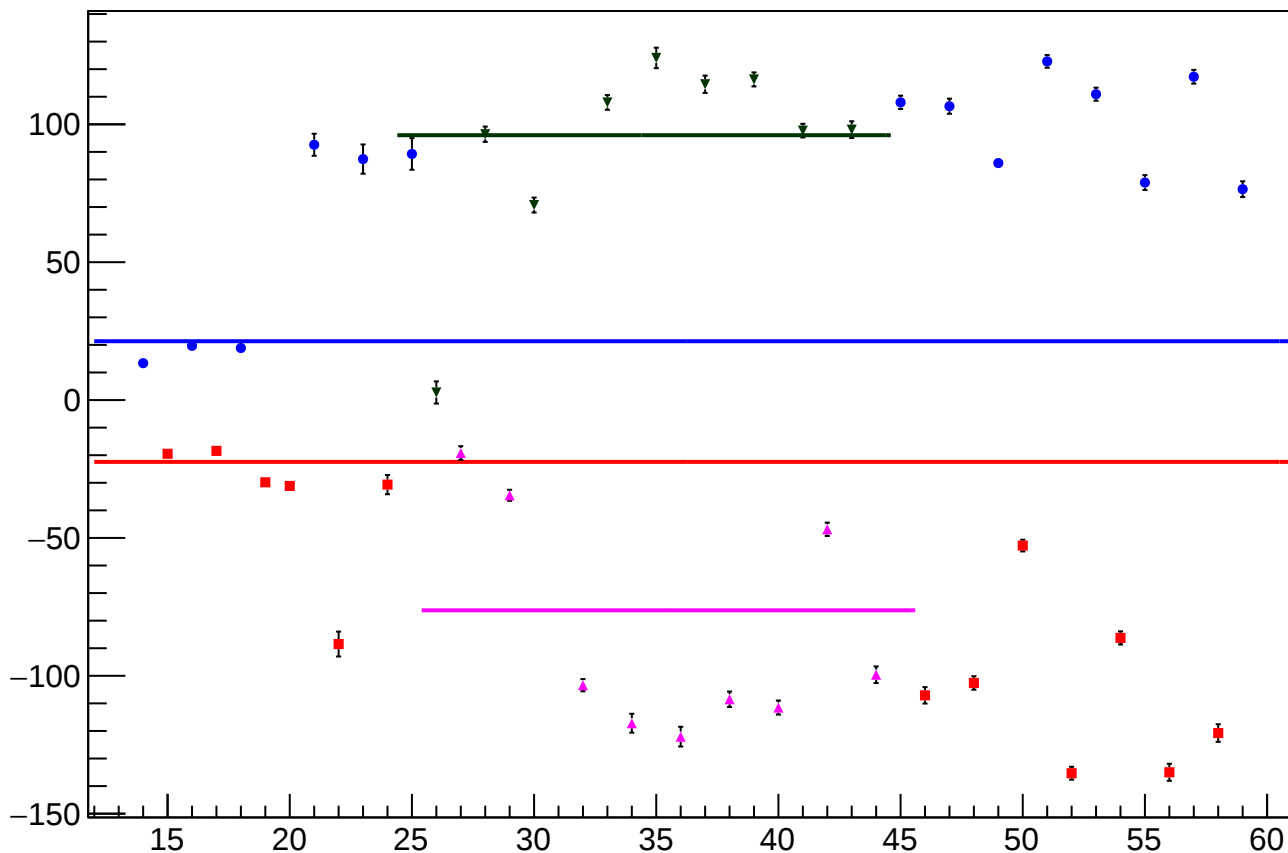
Left Out: -181.341+/-0.130 χ^2/NDF : 10628.0/8

2.976+/-0.020 χ^2/NDF : 8892192.7/44

Right Out: 12.480+/-0.029 χ^2/NDF : 1830190.7/12

Left In: 179.424+/-0.120 χ^2/NDF : 21031.4/8

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 21.337 $\pm$ 0.170 χ^2 /NDF: 11137.2/13

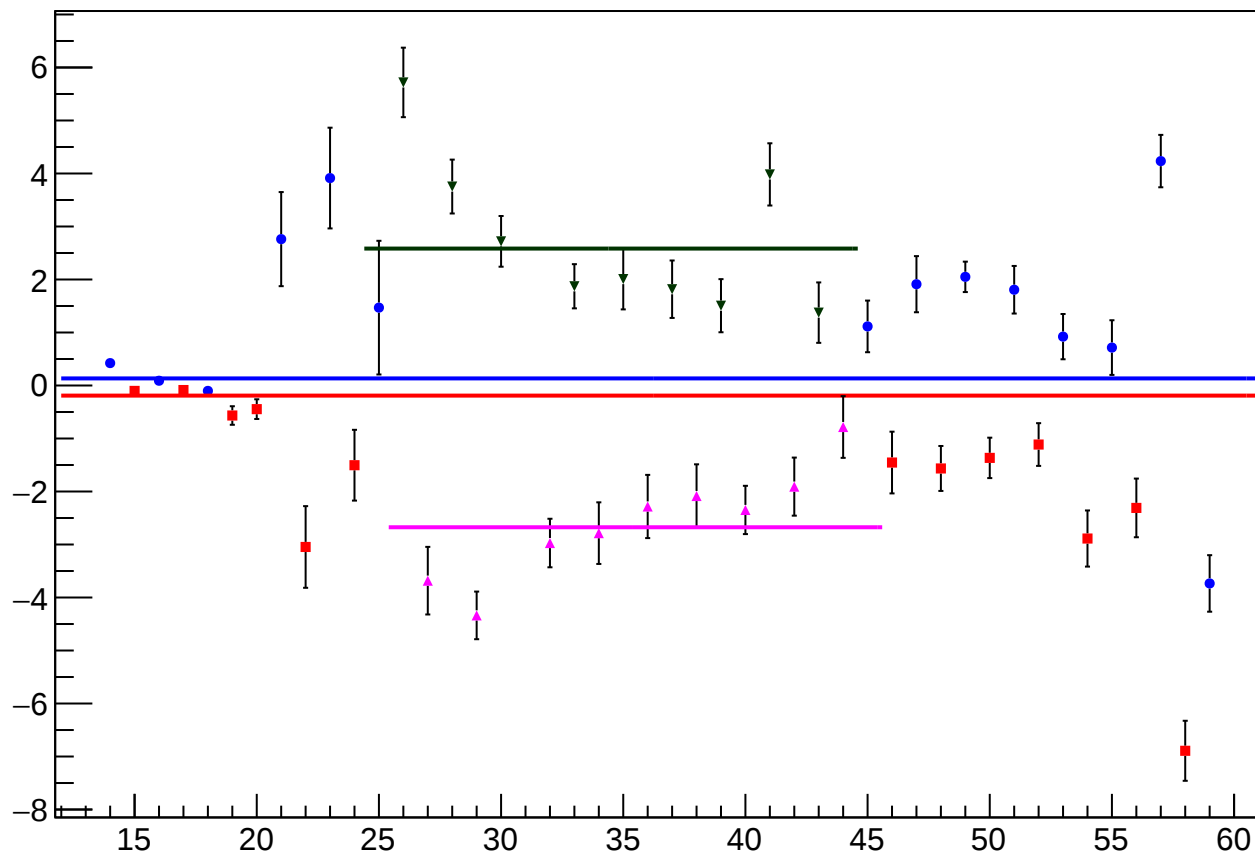
Left Out: 96.058 $\pm$ 0.969 χ^2 /NDF: 800.7/8

Right Out: -22.417 $\pm$ 0.177 χ^2 /NDF: 8087.9/12

Left In: -76.247 $\pm$ 0.863 χ^2 /NDF: 1954.9/8

0.385 $\pm$ 0.120 χ^2 /NDF: 71425.6/44

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.134 $\pm$ 0.028 χ^2 /NDF: 269.7/13

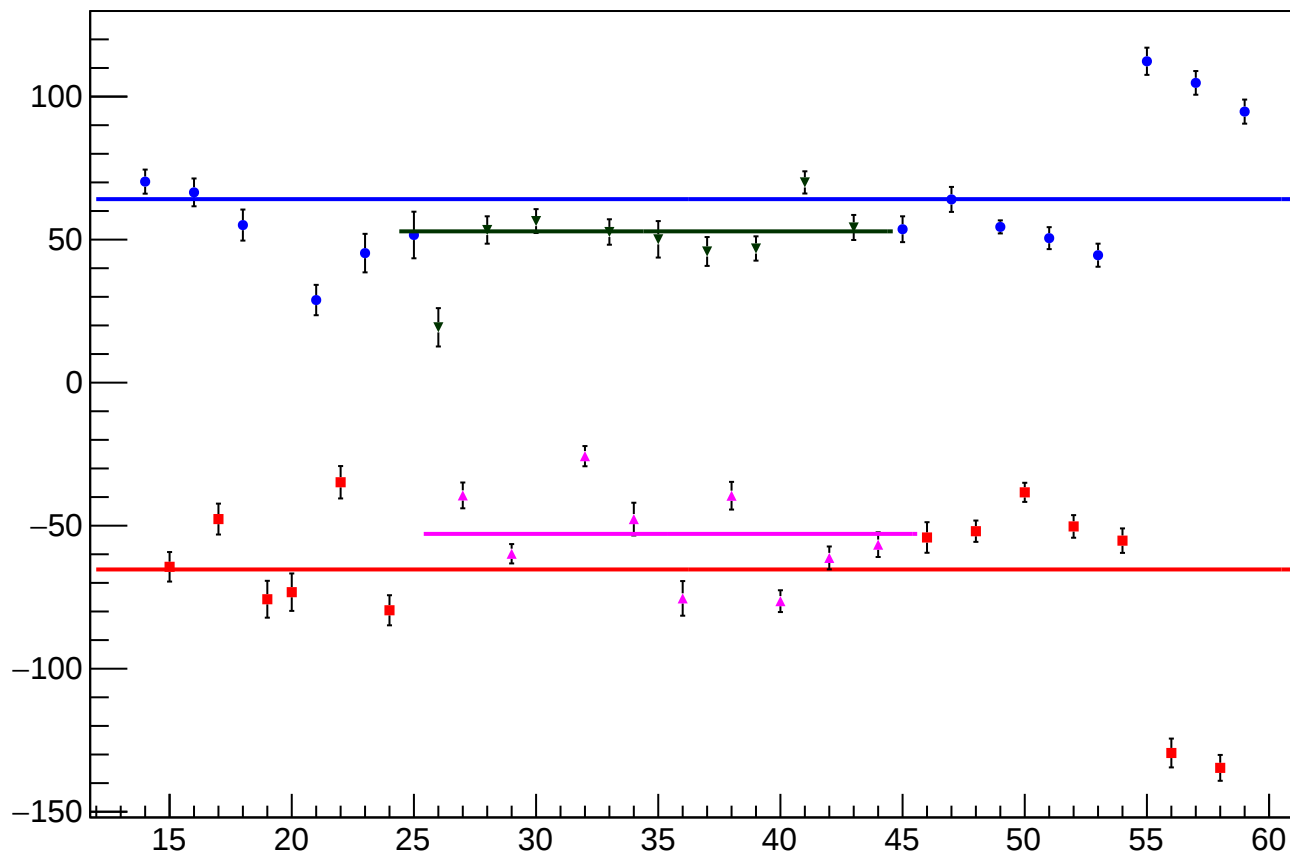
Left Out: 2.583 $\pm$ 0.175 χ^2 /NDF: 49.0/8

Right Out: -0.191 $\pm$ 0.031 χ^2 /NDF: 243.2/12

Left In: -2.675 $\pm$ 0.177 χ^2 /NDF: 31.1/8

-0.015 $\pm$ 0.021 χ^2 /NDF: 1099.4/44

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 64.151+/-1.128 χ^2/NDF : 371.1/13

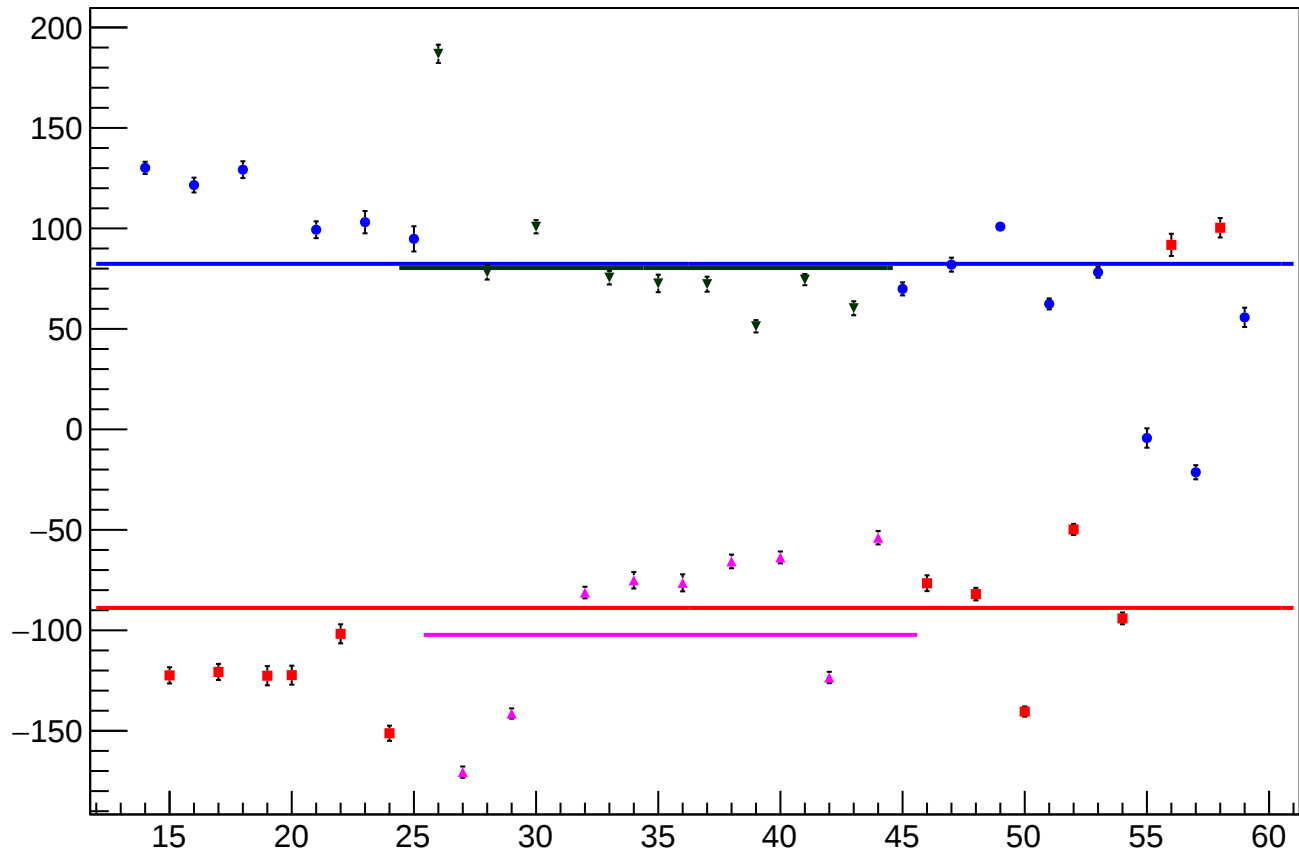
Left Out: 52.889+/-1.558 χ^2/NDF : 49.5/8

Right Out: -65.308+/-1.302 χ^2/NDF : 550.8/12

Left In: -52.872+/-1.411 χ^2/NDF : 137.9/8

3.120+/-0.661 χ^2/NDF : 9395.8/44

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 82.377+/-0.899 χ^2 /NDF: 1900.9/13

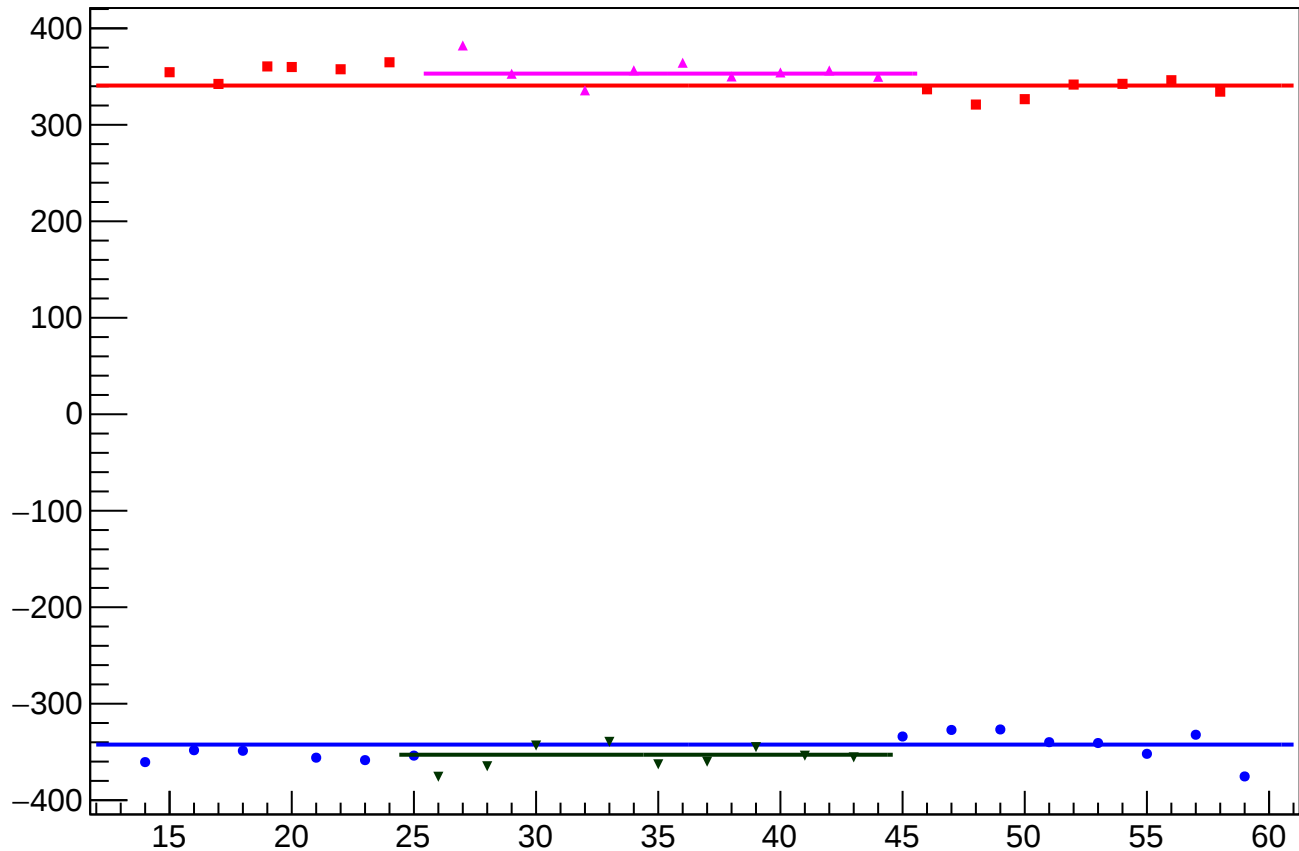
Left Out: 80.279+/-1.160 χ^2 /NDF:722.6/8

Right Out: -88.833+/-1.015 χ^2 /NDF: 3734.2/12

Left In: -102.261+/-1.036 χ^2 /NDF:1514.4/8

-5.150+/-0.508 χ^2 /NDF: 38353.1/44

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -342.372+/-0.206 χ^2/NDF : 4963.2/13

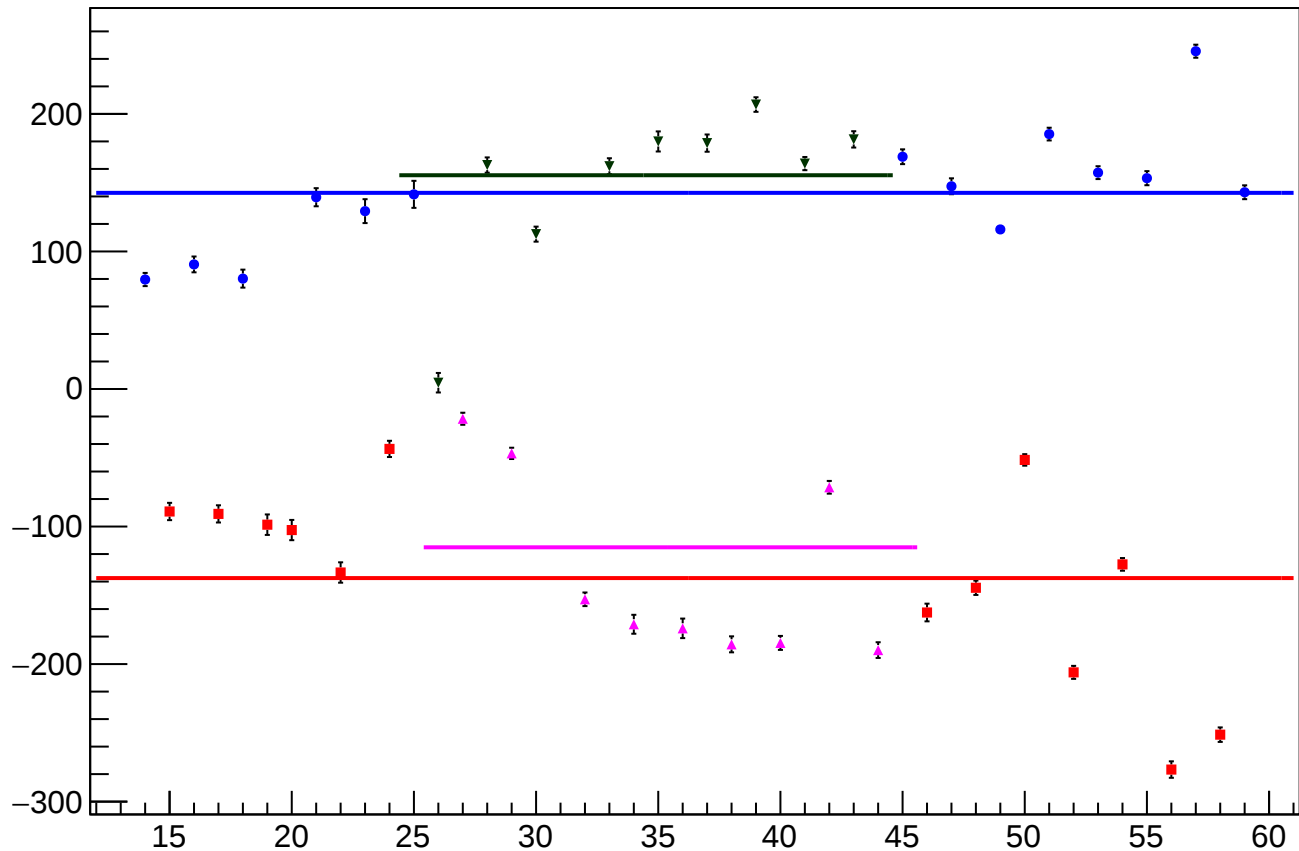
Left Out: -352.885+/-0.260 χ^2/NDF : 1502.5/8

Right Out: 340.701+/-0.233 χ^2/NDF : 2981.0/12

Left In: 353.066+/-0.242 χ^2/NDF : 2507.5/8

-12.606+/-0.116 χ^2/NDF : 8861405.4/44

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 142.611+/-1.383 χ^2/NDF : 1012.1/13

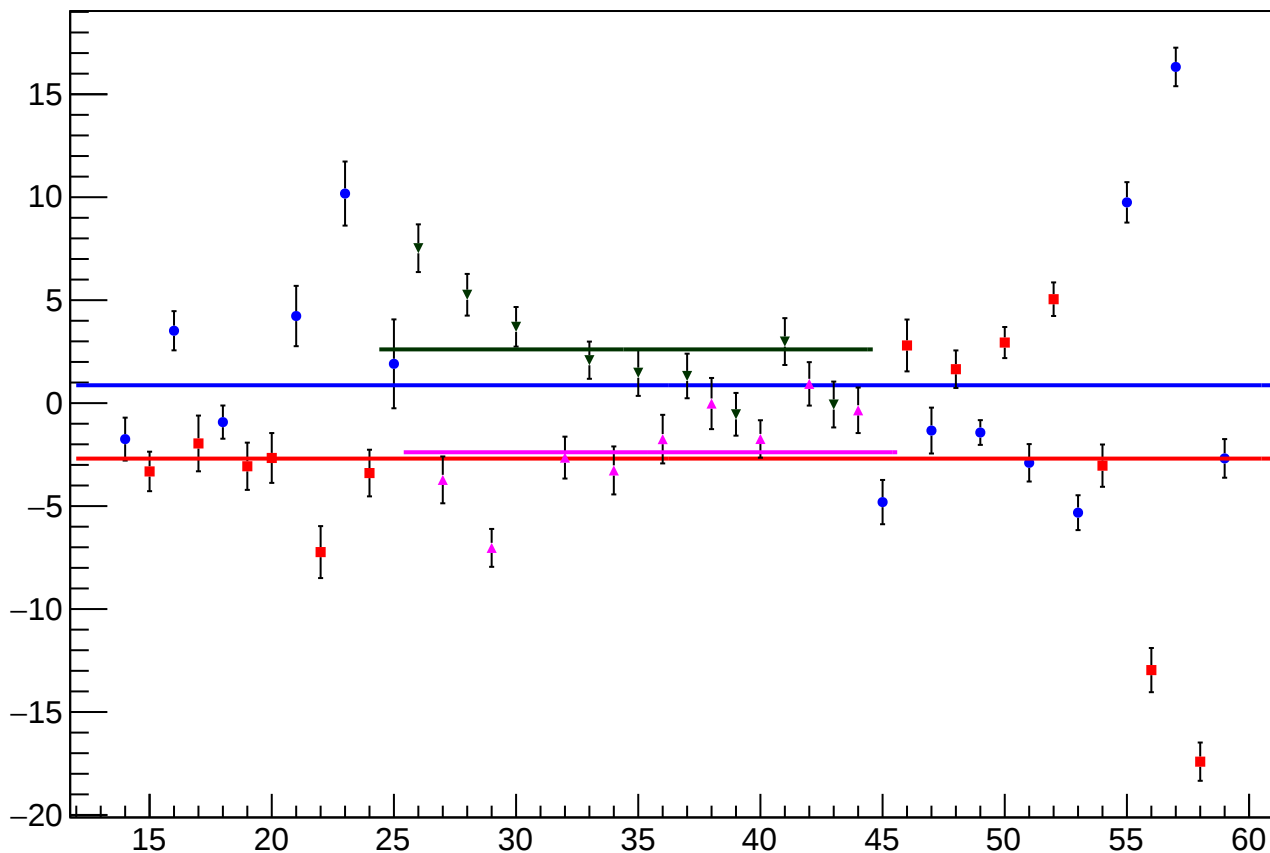
Left Out: 155.417+/-1.935 χ^2/NDF : 657.8/8

13.625+/-0.807 χ^2/NDF : 34266.5/44

Right Out: -137.473+/-1.566 χ^2/NDF : 2077.9/12

Left In: -115.104+/-1.717 χ^2/NDF : 1520.3/8

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.868 ± 0.258 χ^2/NDF : 546.3/13

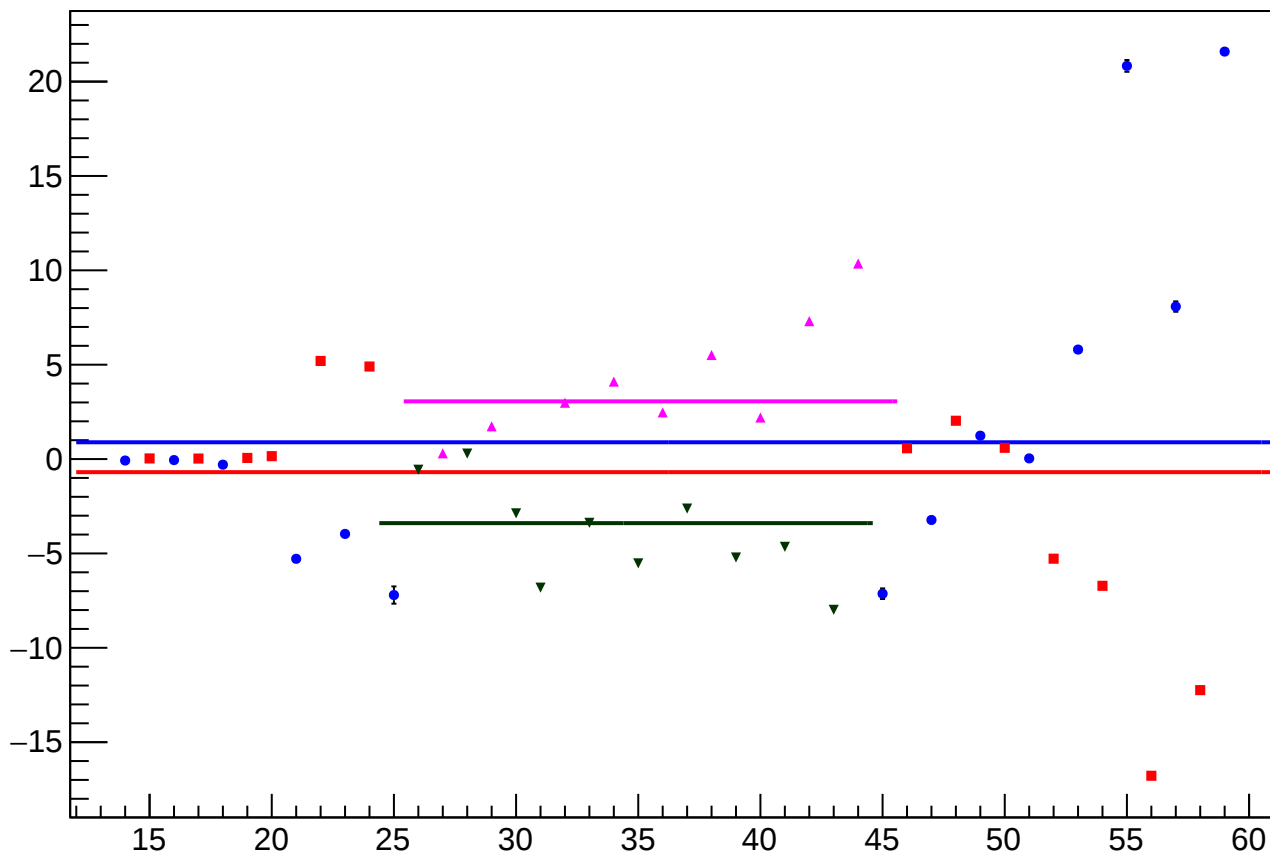
Left Out: 2.609 ± 0.350 χ^2/NDF : 44.1/8

Right Out: -2.693 ± 0.282 χ^2/NDF : 544.4/12

Left In: -2.386 ± 0.355 χ^2/NDF : 45.2/8

-0.421 ± 0.151 χ^2/NDF : 1375.5/44

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 0.889 ± 0.038 χ^2/NDF : 19014.6/13

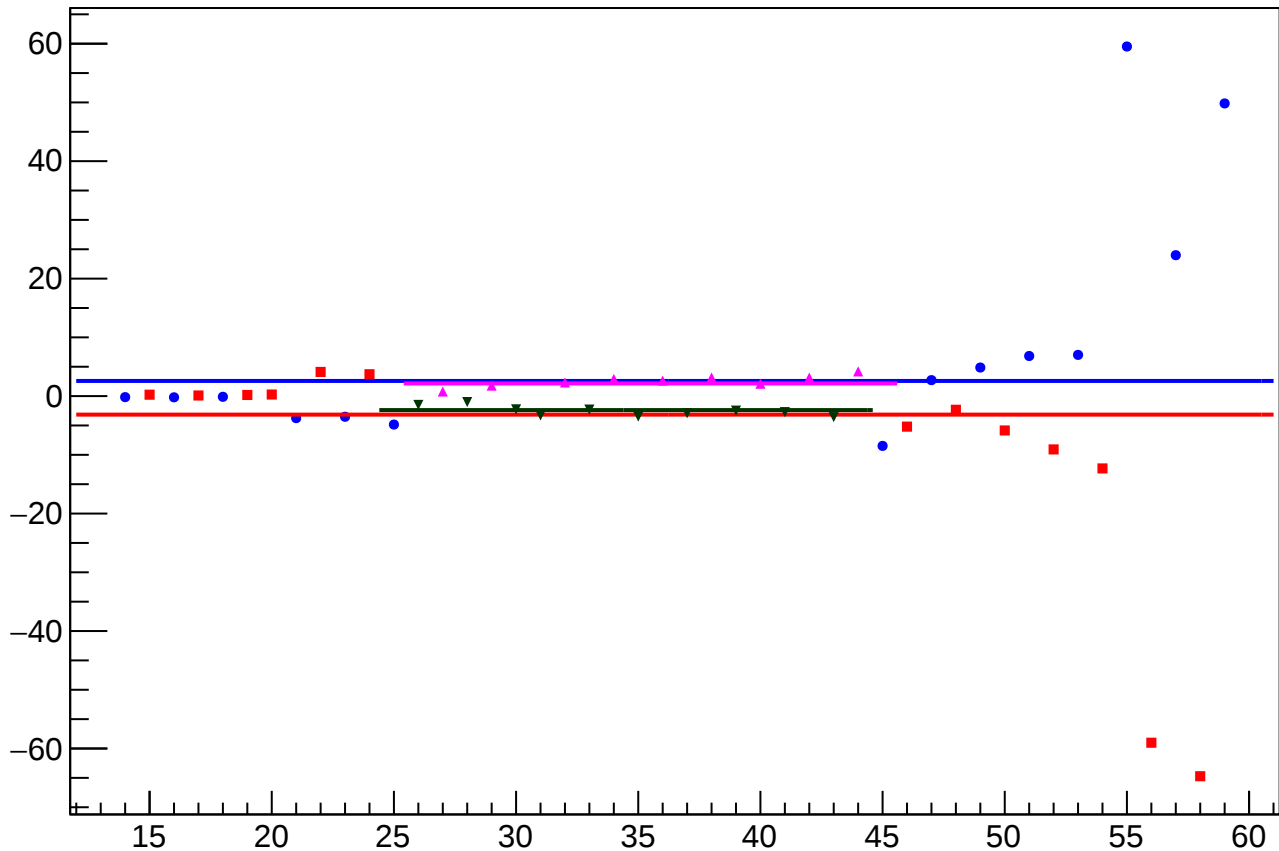
Left Out: -3.394 ± 0.049 χ^2/NDF : 2310.5/9

Right Out: -0.694 ± 0.042 χ^2/NDF : 8688.2/12

Left In: 3.057 ± 0.044 χ^2/NDF : 2696.4/8

0.185 ± 0.021 χ^2/NDF : 43022.8/45

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 2.580 ± 0.029 $\chi^2/\text{NDF}: 96175.3/13$

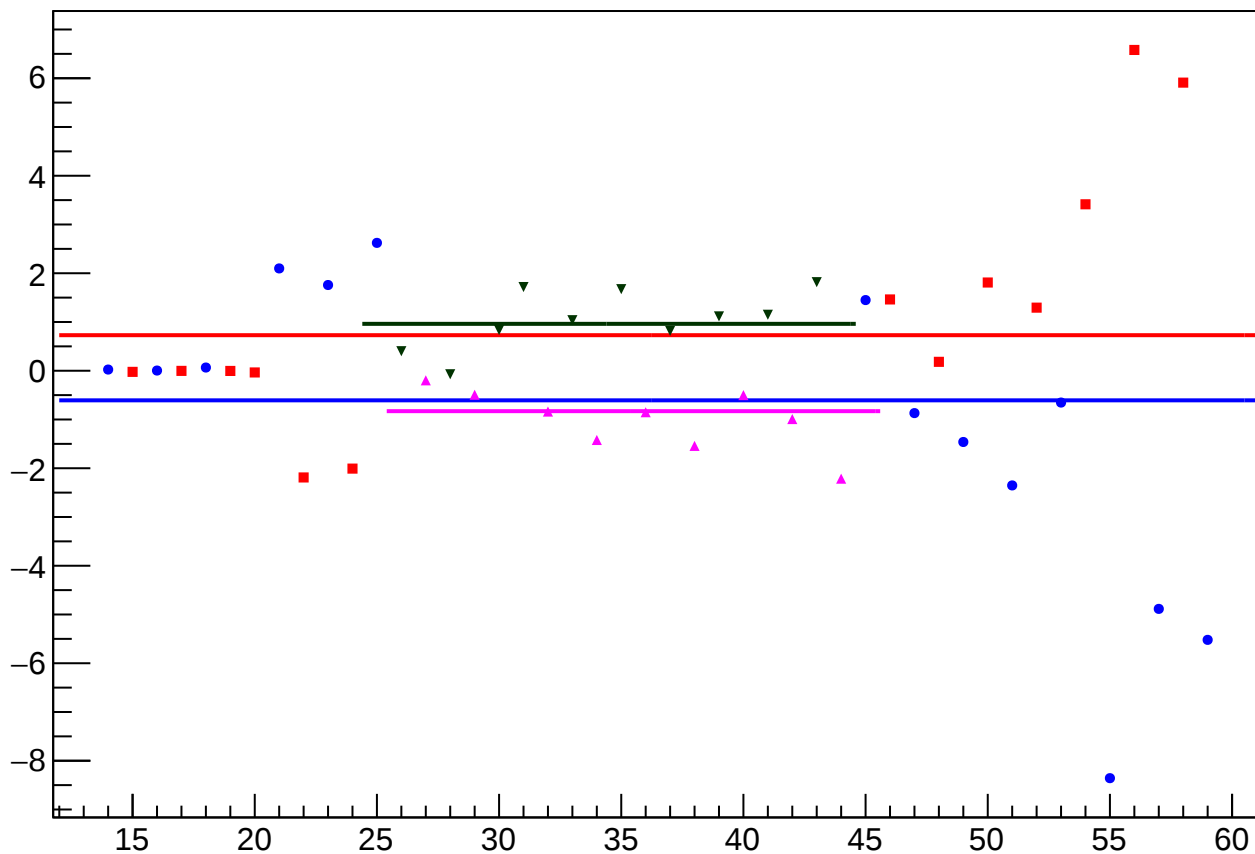
Left Out: -2.381 ± 0.037 $\chi^2/\text{NDF}: 466.1/9$

0.063 ± 0.016 $\chi^2/\text{NDF}: 228455.7/45$

Right Out: -3.153 ± 0.032 $\chi^2/\text{NDF}: 105034.3/12$

Left In: 2.154 ± 0.032 $\chi^2/\text{NDF}: 703.0/8$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.607 ± 0.007 χ^2/NDF : 68086.2/13

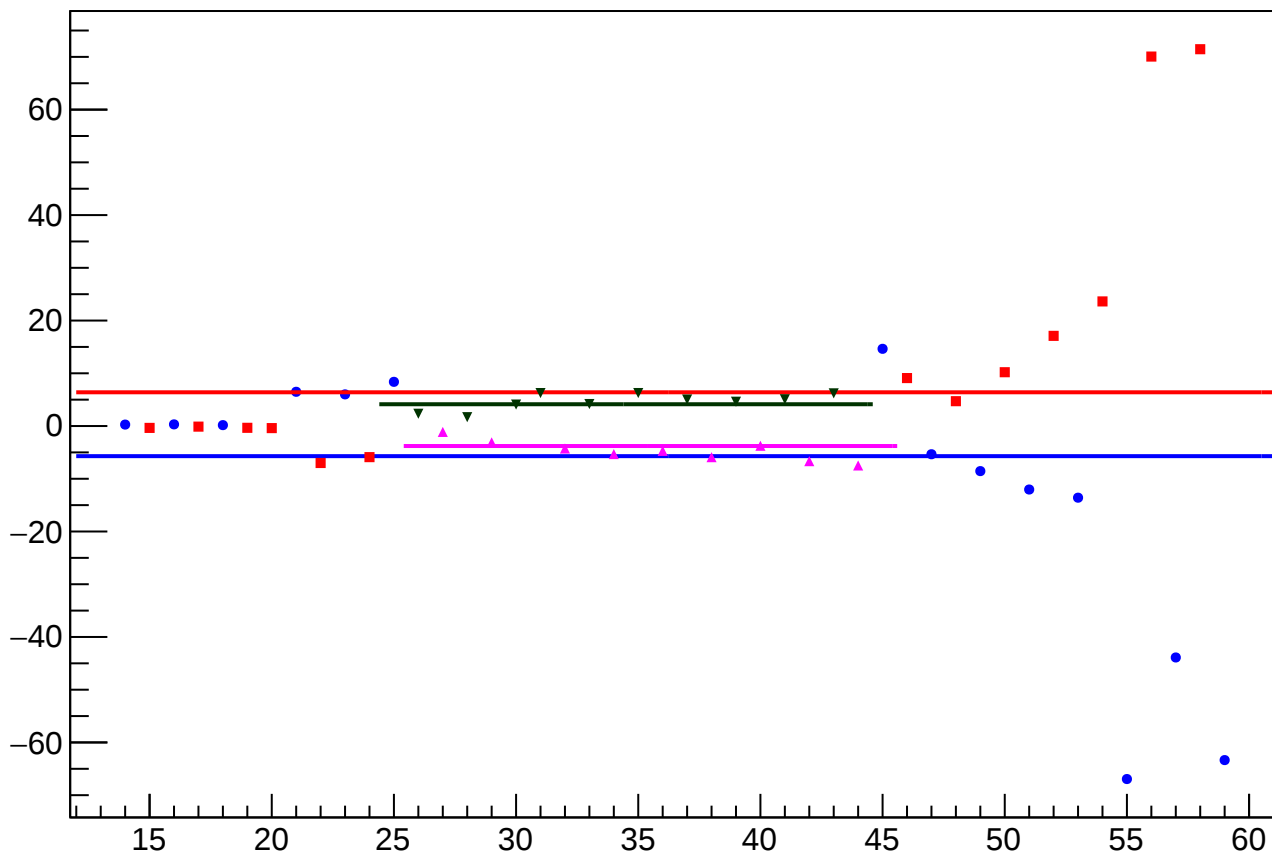
Left Out: 0.962 ± 0.008 χ^2/NDF : 4690.6/9

Right Out: 0.729 ± 0.008 χ^2/NDF : 52170.9/12

Left In: -0.829 ± 0.007 χ^2/NDF : 3974.9/8

0.004 ± 0.004 χ^2/NDF : 171765.4/45

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.712+/-0.046 χ^2/NDF : 122365.2/13

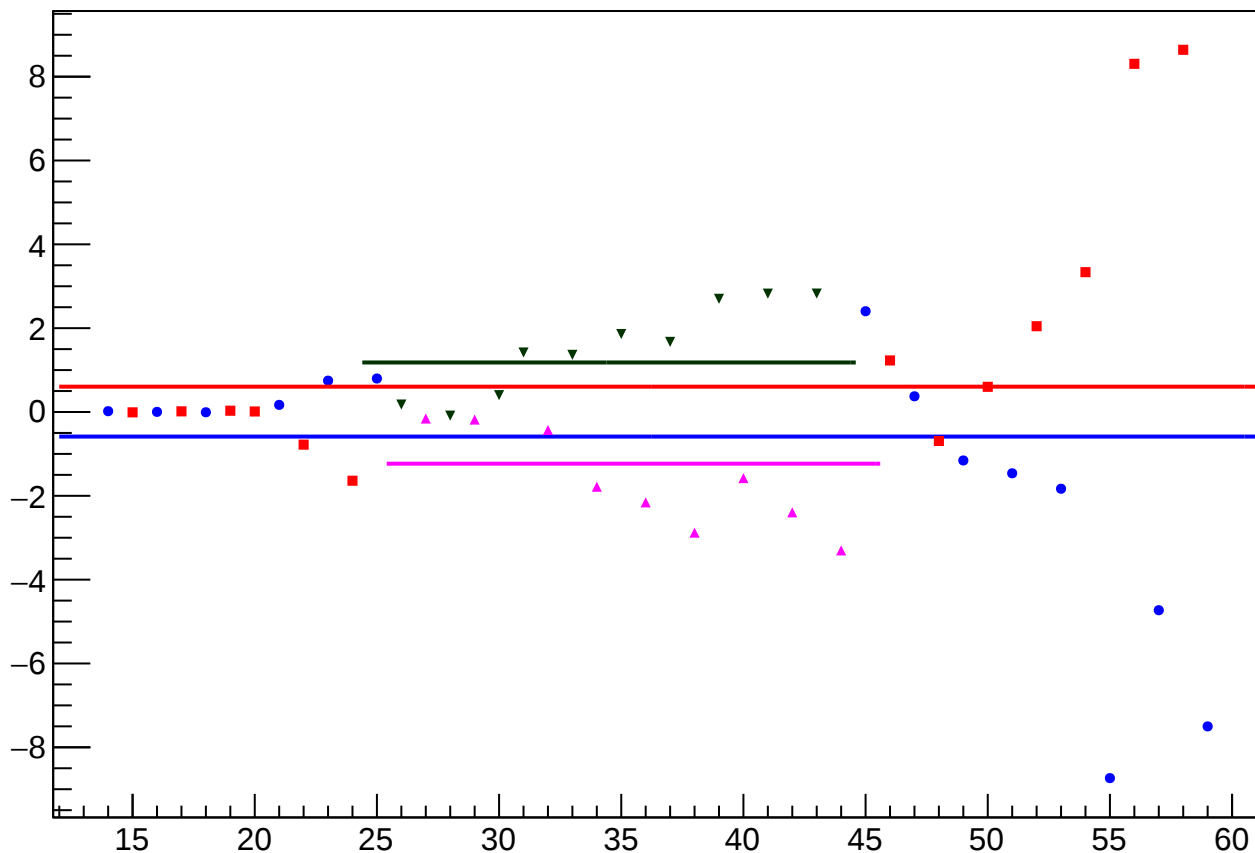
Left Out: 4.132+/-0.061 χ^2/NDF : 639.2/9

-0.237+/-0.026 χ^2/NDF : 278084.1/45

Right Out: 6.397+/-0.050 χ^2/NDF : 112551.5/12

Left In: -3.791+/-0.054 χ^2/NDF : 1110.0/8

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.586 ± 0.008 χ^2/NDF : 52197.9/13

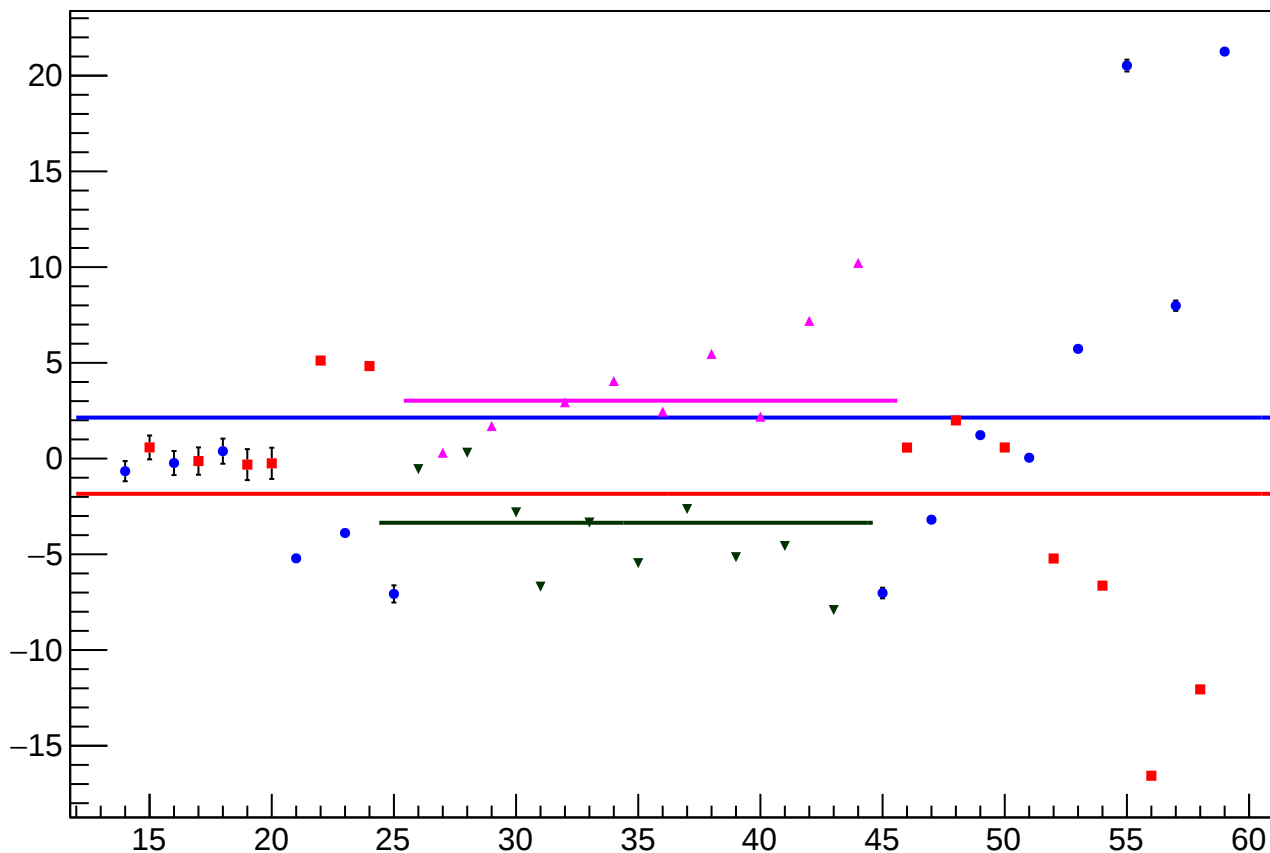
Left Out: 1.181 ± 0.011 χ^2/NDF : 8123.1/9

-0.017 ± 0.005 χ^2/NDF : 156923.3/45

Right Out: 0.604 ± 0.009 χ^2/NDF : 53948.5/12

Left In: -1.234 ± 0.011 χ^2/NDF : 7862.9/8

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 2.141 ± 0.056 $\chi^2/\text{NDF}: 18147.5/13$

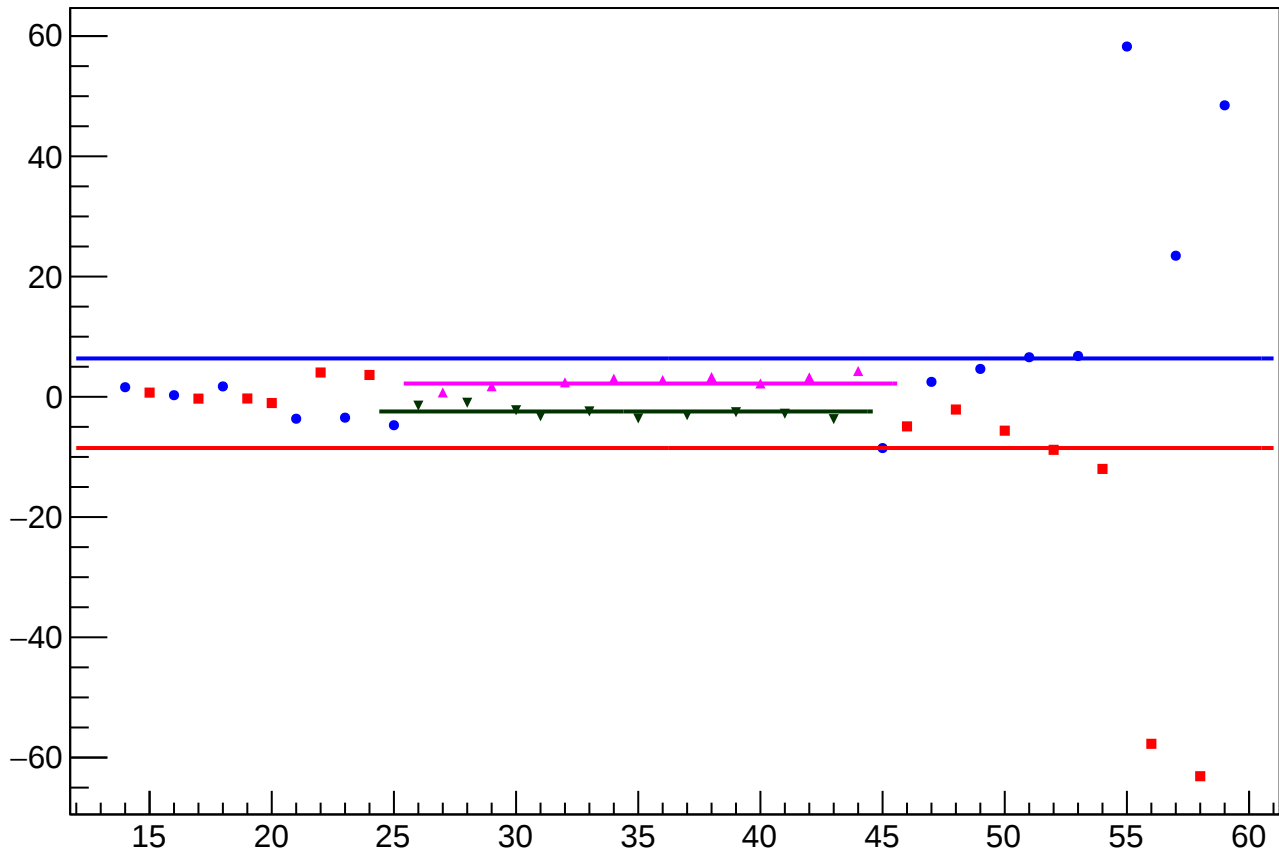
Left Out: -3.353 ± 0.049 $\chi^2/\text{NDF}: 2320.8/9$

Right Out: -1.841 ± 0.066 $\chi^2/\text{NDF}: 8211.7/12$

Left In: 3.023 ± 0.043 $\chi^2/\text{NDF}: 2702.0/8$

0.292 ± 0.026 $\chi^2/\text{NDF}: 43079.9/45$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 6.381 ± 0.045 χ^2/NDF : 81950.5/13

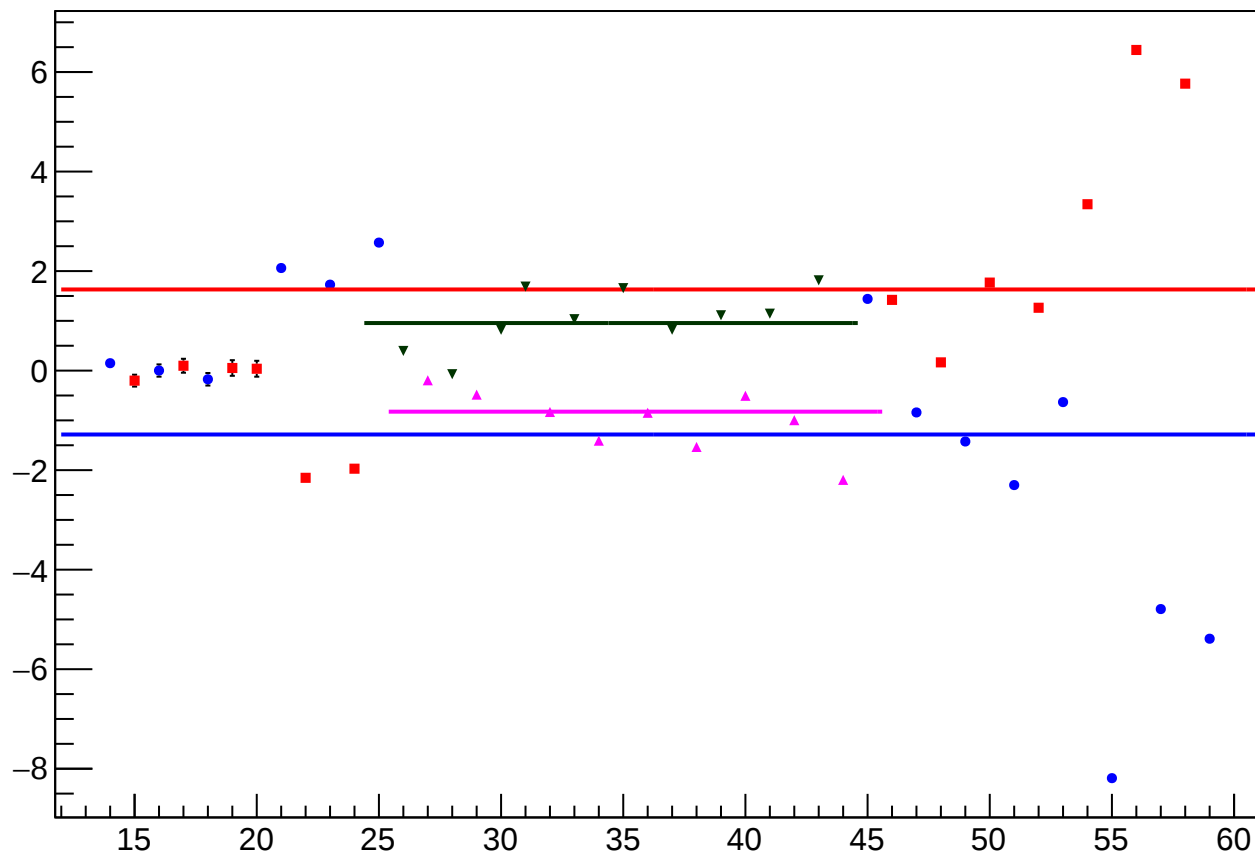
Left Out: -2.438 ± 0.036 χ^2/NDF : 538.5/9

0.099 ± 0.020 χ^2/NDF : 225276.0/45

Right Out: -8.517 ± 0.052 χ^2/NDF : 85449.7/12

Left In: 2.211 ± 0.032 χ^2/NDF : 822.7/8

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.284 ± 0.010 χ^2/NDF : 58680.9/13

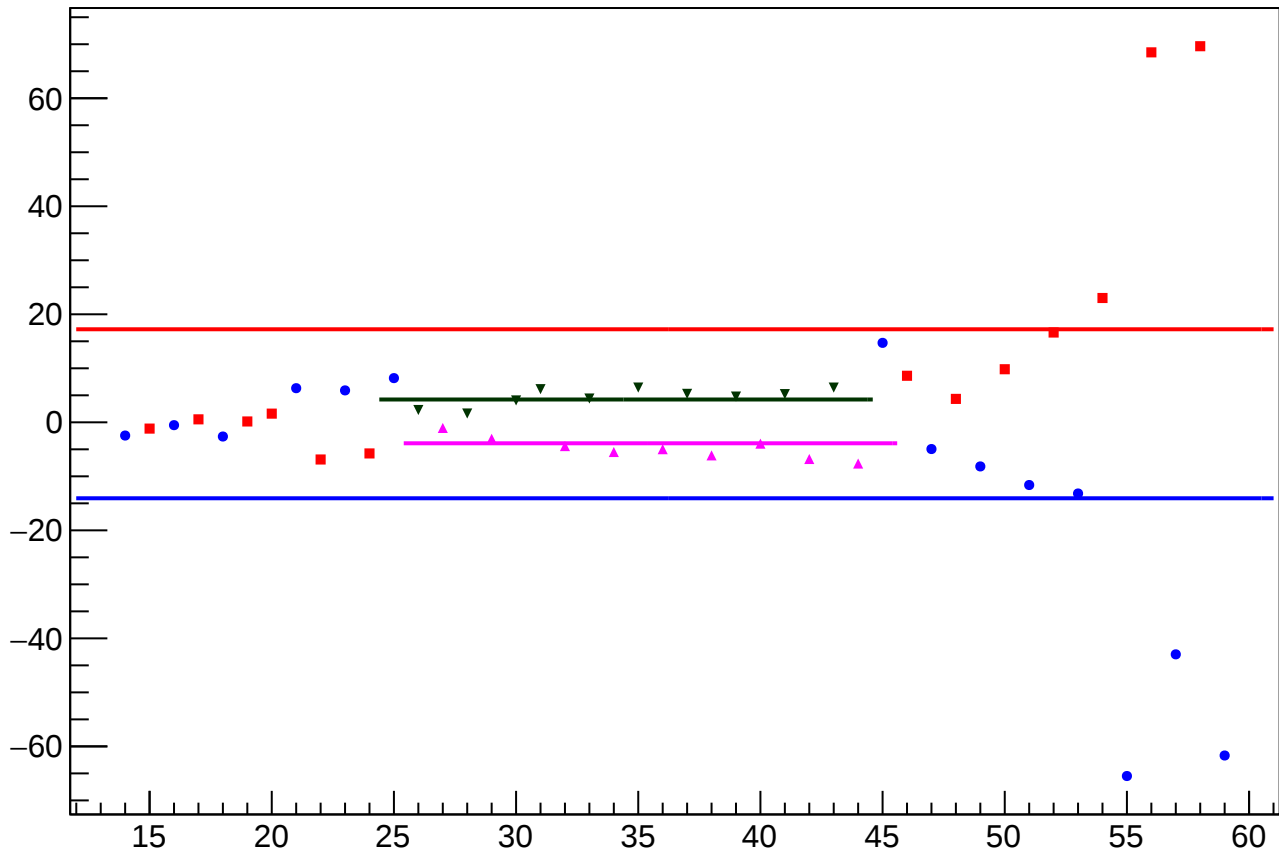
Left Out: 0.956 ± 0.008 χ^2/NDF : 4739.0/9

Right Out: 1.631 ± 0.012 χ^2/NDF : 40211.8/12

Left In: -0.825 ± 0.007 χ^2/NDF : 4028.9/8

0.003 ± 0.004 χ^2/NDF : 170523.5/45

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -14.062 ± 0.071 χ^2/NDF : 96028.9/13

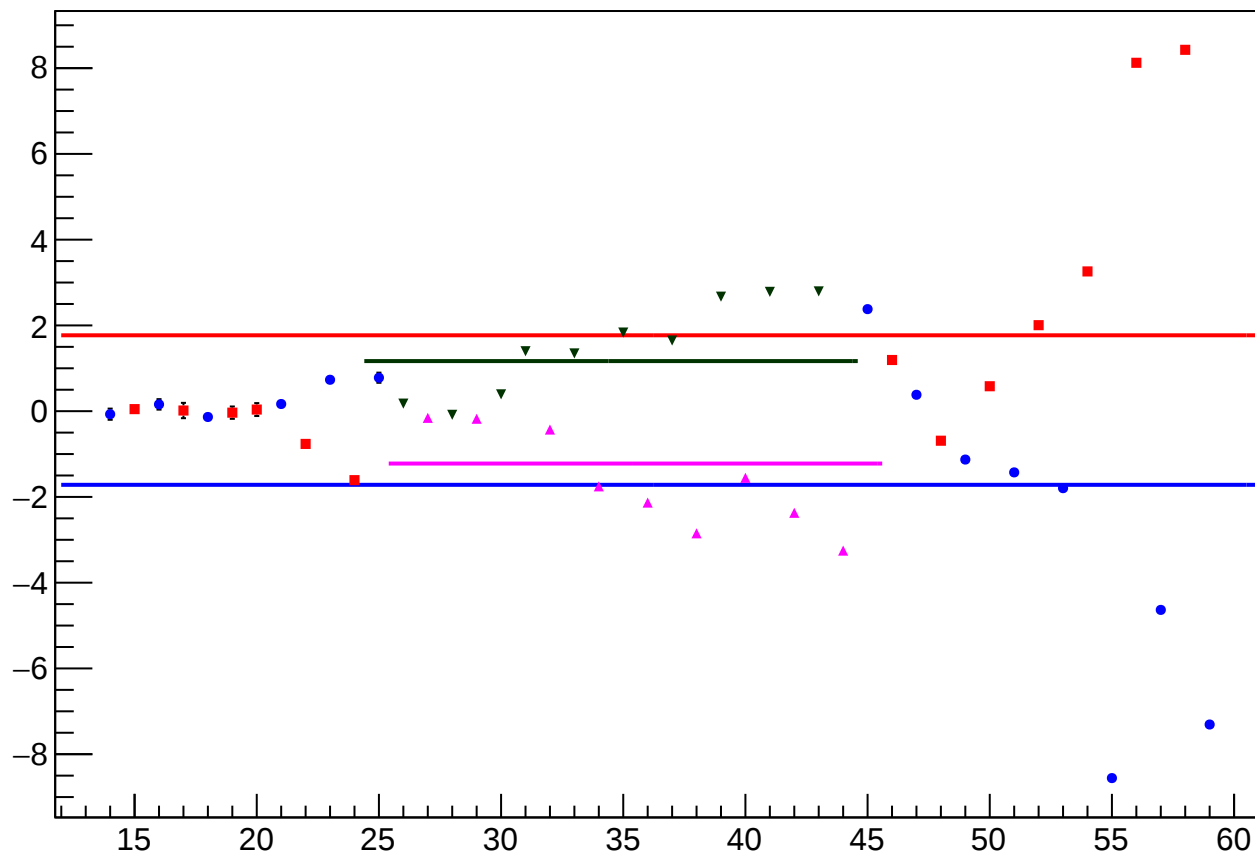
Left Out: 4.225 ± 0.060 χ^2/NDF : 727.8/9

-0.374 ± 0.032 χ^2/NDF : 274028.8/45

Right Out: 17.226 ± 0.081 χ^2/NDF : 81038.7/12

Left In: -3.882 ± 0.053 χ^2/NDF : 1263.9/8

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.718 ± 0.014 $\chi^2/\text{NDF}: 40679.7/13$

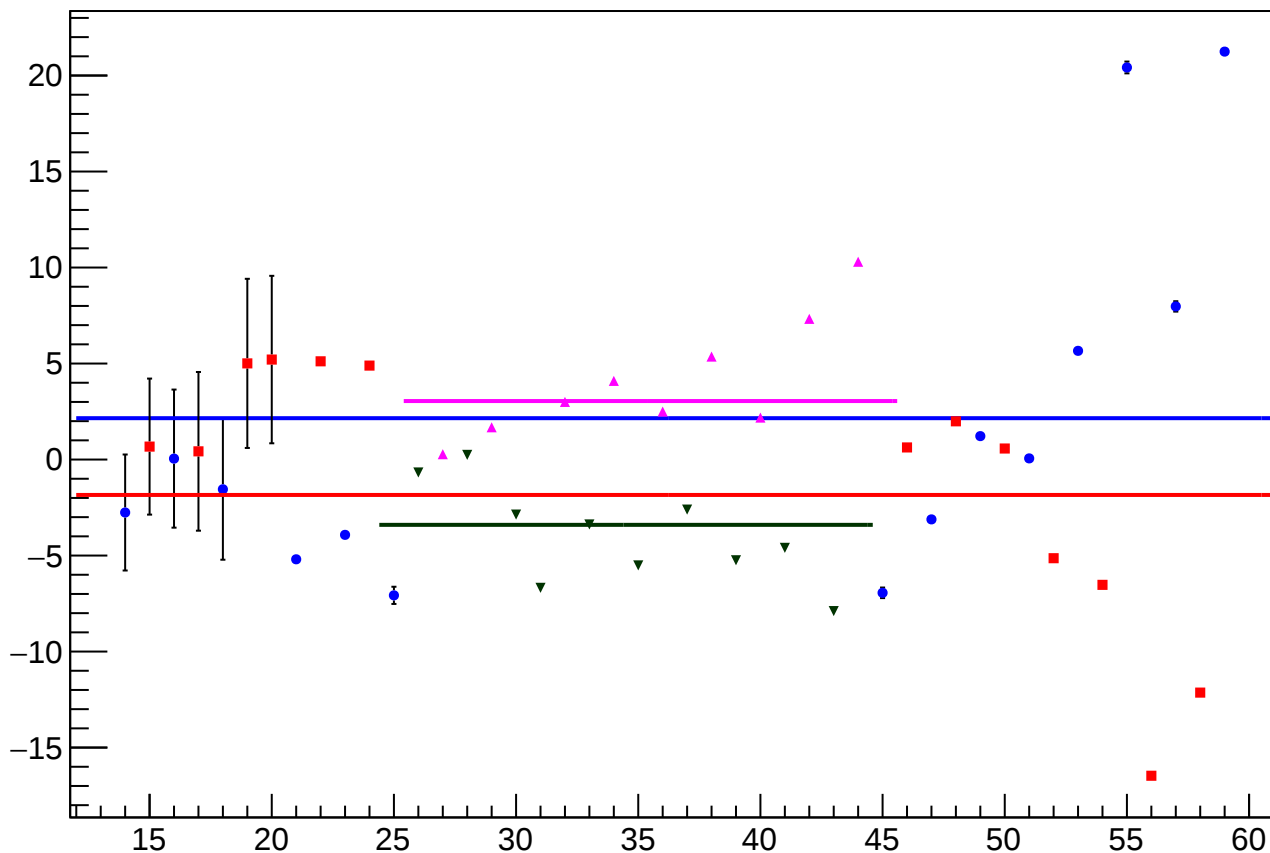
Left Out: 1.168 ± 0.011 $\chi^2/\text{NDF}: 8132.7/9$

Right Out: 1.770 ± 0.015 $\chi^2/\text{NDF}: 43693.9/12$

Left In: -1.222 ± 0.011 $\chi^2/\text{NDF}: 7856.1/8$

-0.034 ± 0.006 $\chi^2/\text{NDF}: 155353.7/45$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 2.154 ± 0.056 χ^2/NDF : 18045.0/13

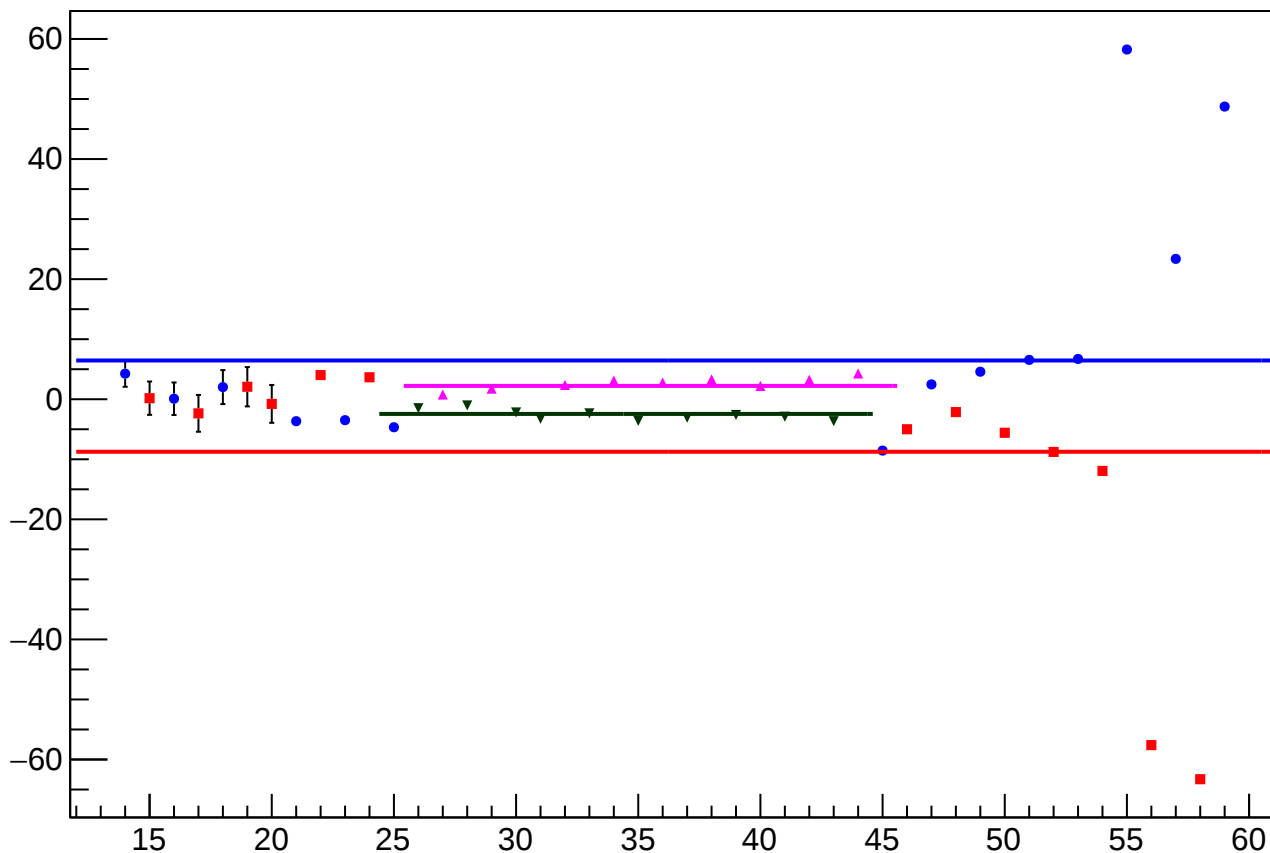
Left Out: -3.401 ± 0.048 χ^2/NDF : 2306.6/9

Right Out: -1.844 ± 0.066 χ^2/NDF : 8210.7/12

Left In: 3.046 ± 0.043 χ^2/NDF : 2807.9/8

0.296 ± 0.026 χ^2/NDF : 43499.3/45

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 6.454 ± 0.045 χ^2/NDF : 82131.8/13

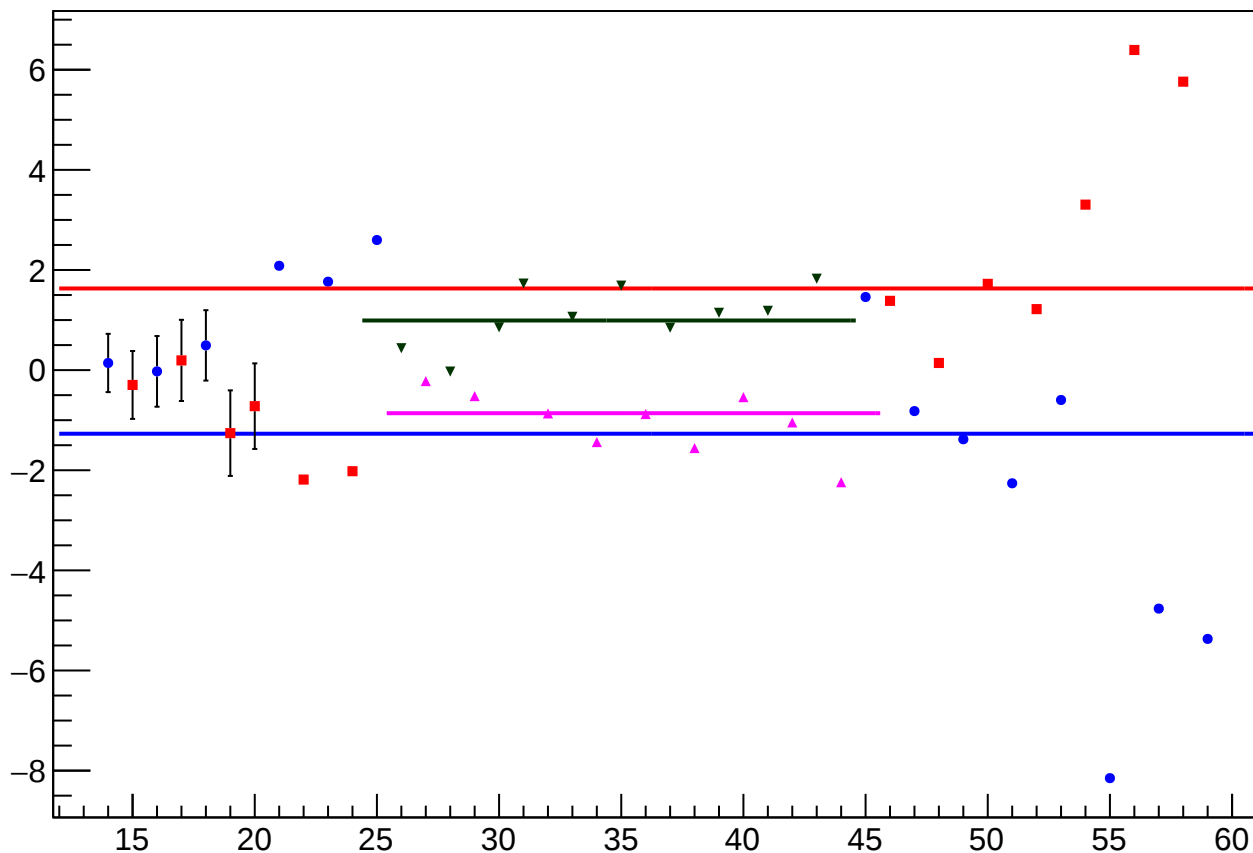
Left Out: -2.445 ± 0.036 χ^2/NDF : 529.3/9

0.097 ± 0.020 χ^2/NDF : 226176.5/45

Right Out: -8.747 ± 0.052 χ^2/NDF : 84772.8/12

Left In: 2.223 ± 0.032 χ^2/NDF : 822.2/8

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.271 ± 0.010 $\chi^2/\text{NDF}: 58640.5/13$

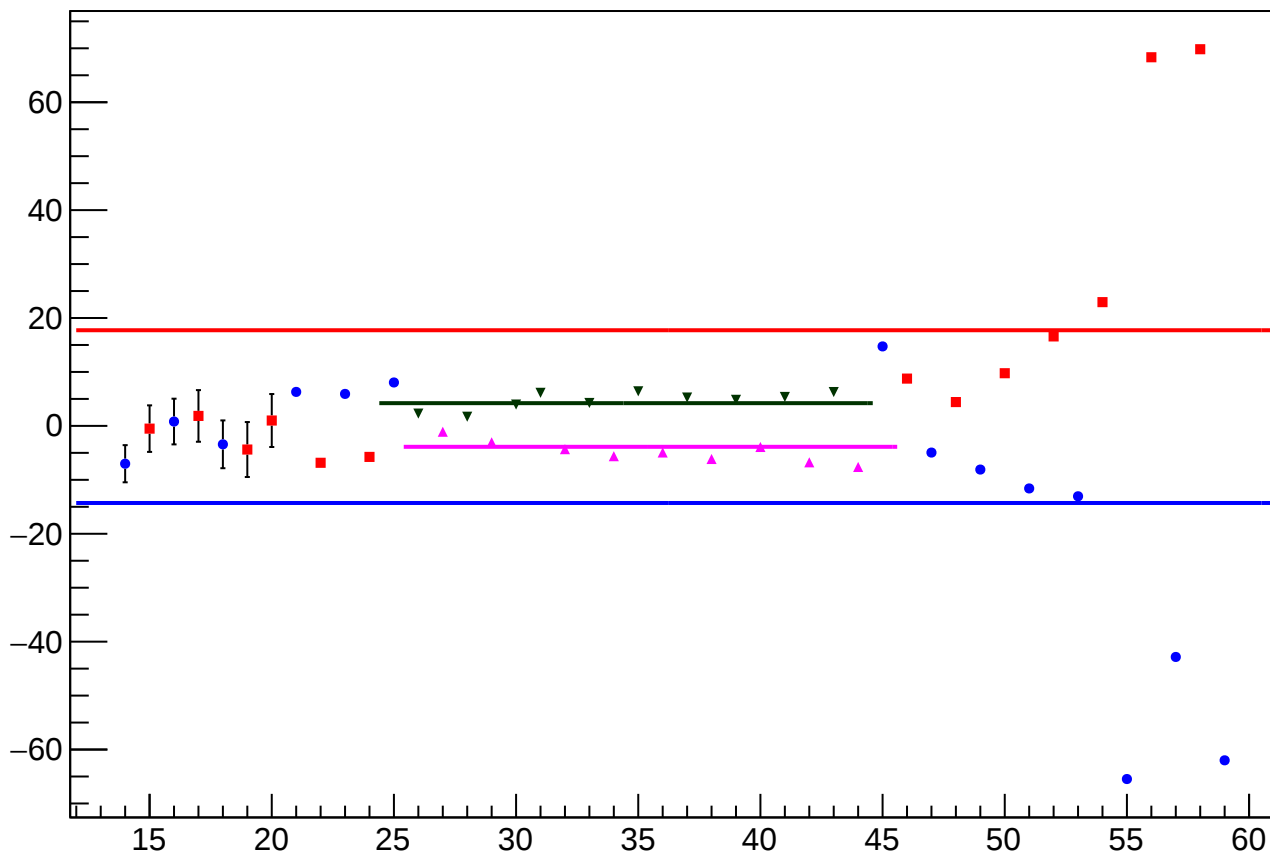
Left Out: 0.991 ± 0.008 $\chi^2/\text{NDF}: 4720.4/9$

Right Out: 1.631 ± 0.012 $\chi^2/\text{NDF}: 39913.4/12$

Left In: -0.861 ± 0.007 $\chi^2/\text{NDF}: 4134.4/8$

0.000 ± 0.004 $\chi^2/\text{NDF}: 172538.0/45$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -14.292 ± 0.071 $\chi^2/\text{NDF}: 95879.5/13$

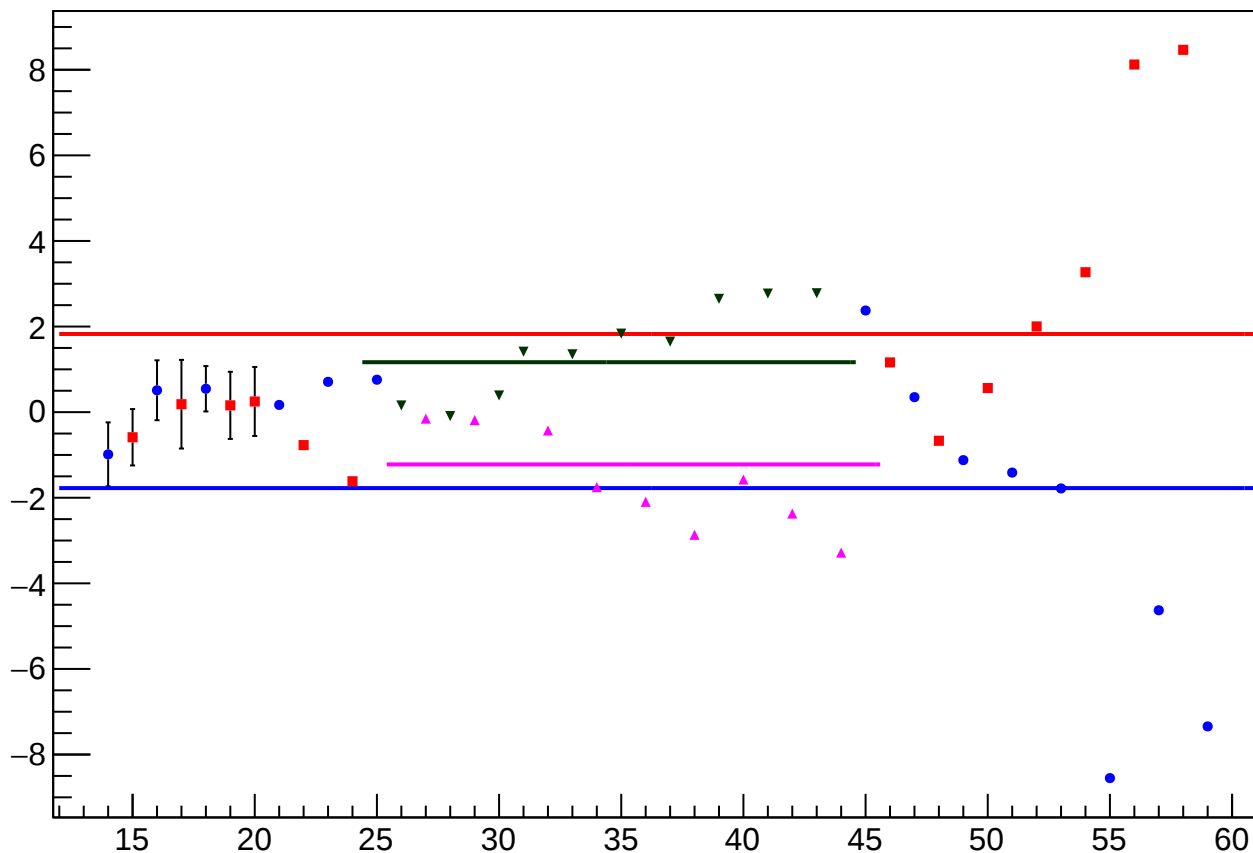
Left Out: 4.214 ± 0.060 $\chi^2/\text{NDF}: 711.6/9$

-0.369 ± 0.032 $\chi^2/\text{NDF}: 275045.8/45$

Right Out: 17.731 ± 0.082 $\chi^2/\text{NDF}: 79679.2/12$

Left In: -3.878 ± 0.052 $\chi^2/\text{NDF}: 1270.8/8$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.775 ± 0.014 $\chi^2/\text{NDF}: 40248.7/13$

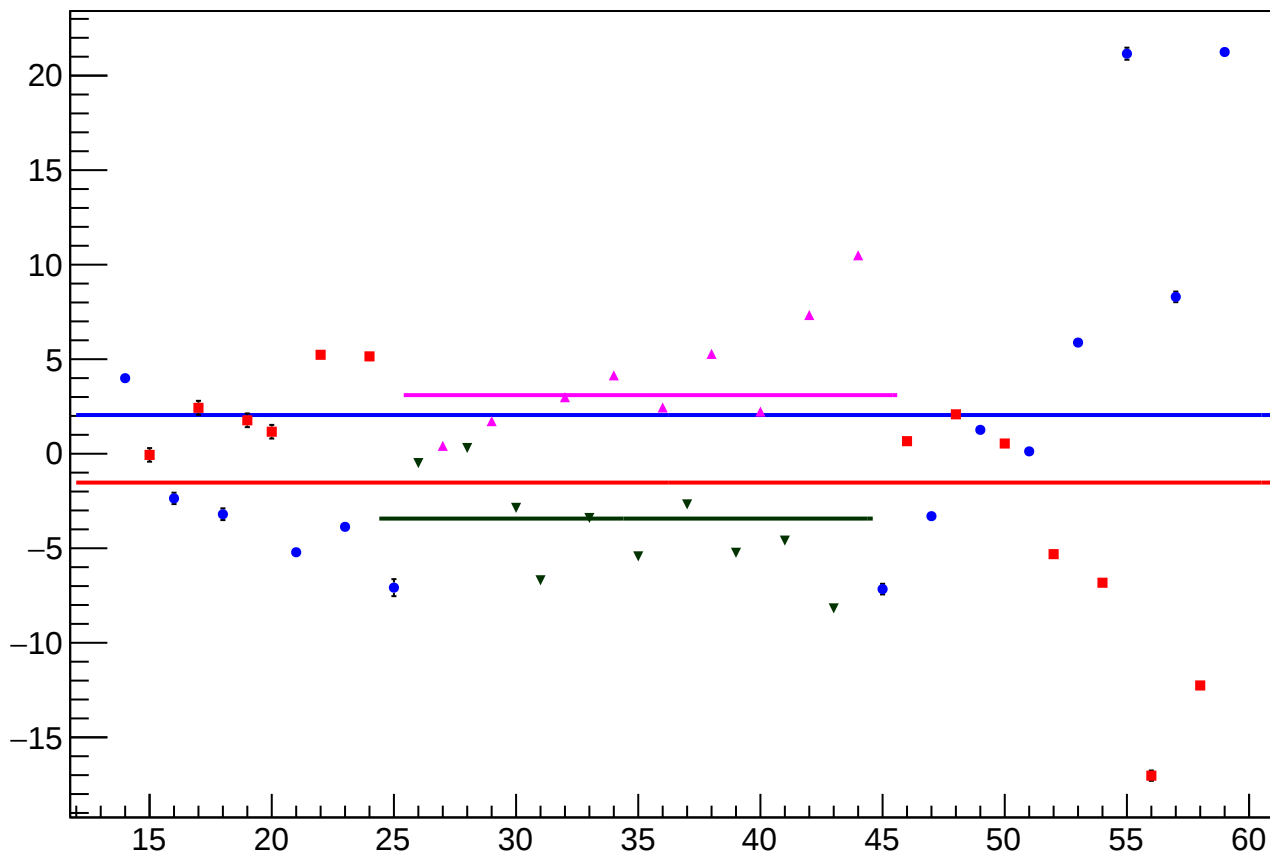
Left Out: 1.167 ± 0.010 $\chi^2/\text{NDF}: 8267.0/9$

Right Out: 1.826 ± 0.015 $\chi^2/\text{NDF}: 43493.6/12$

Left In: -1.221 ± 0.011 $\chi^2/\text{NDF}: 8098.5/8$

-0.037 ± 0.006 $\chi^2/\text{NDF}: 156676.9/45$

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 2.047 ± 0.055 $\chi^2/\text{NDF}: 18482.2/13$

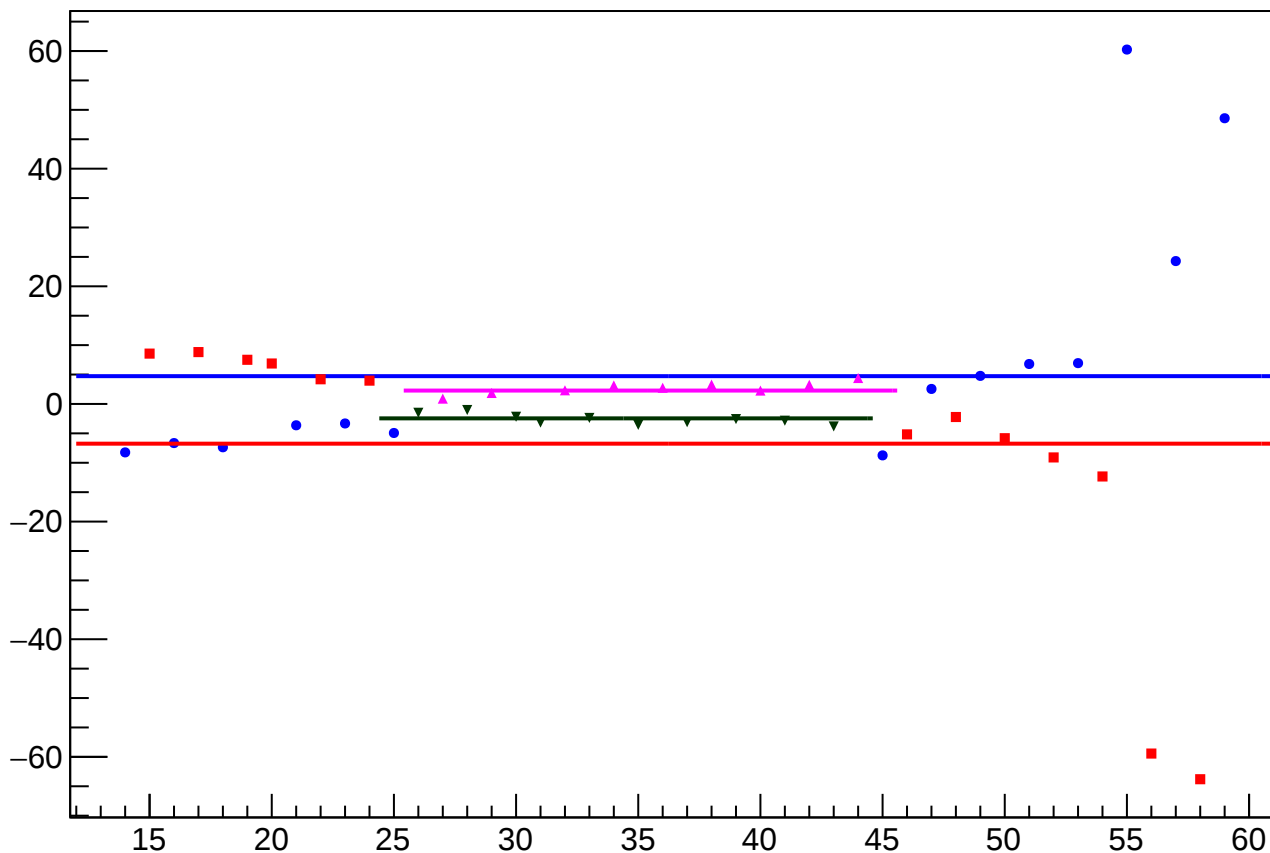
Left Out: -3.430 ± 0.049 $\chi^2/\text{NDF}: 2337.3/9$

Right Out: -1.526 ± 0.064 $\chi^2/\text{NDF}: 8501.8/12$

Left In: 3.099 ± 0.043 $\chi^2/\text{NDF}: 2714.1/8$

0.341 ± 0.026 $\chi^2/\text{NDF}: 43892.5/45$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 4.725+/-0.043 χ^2/NDF : 94009.6/13

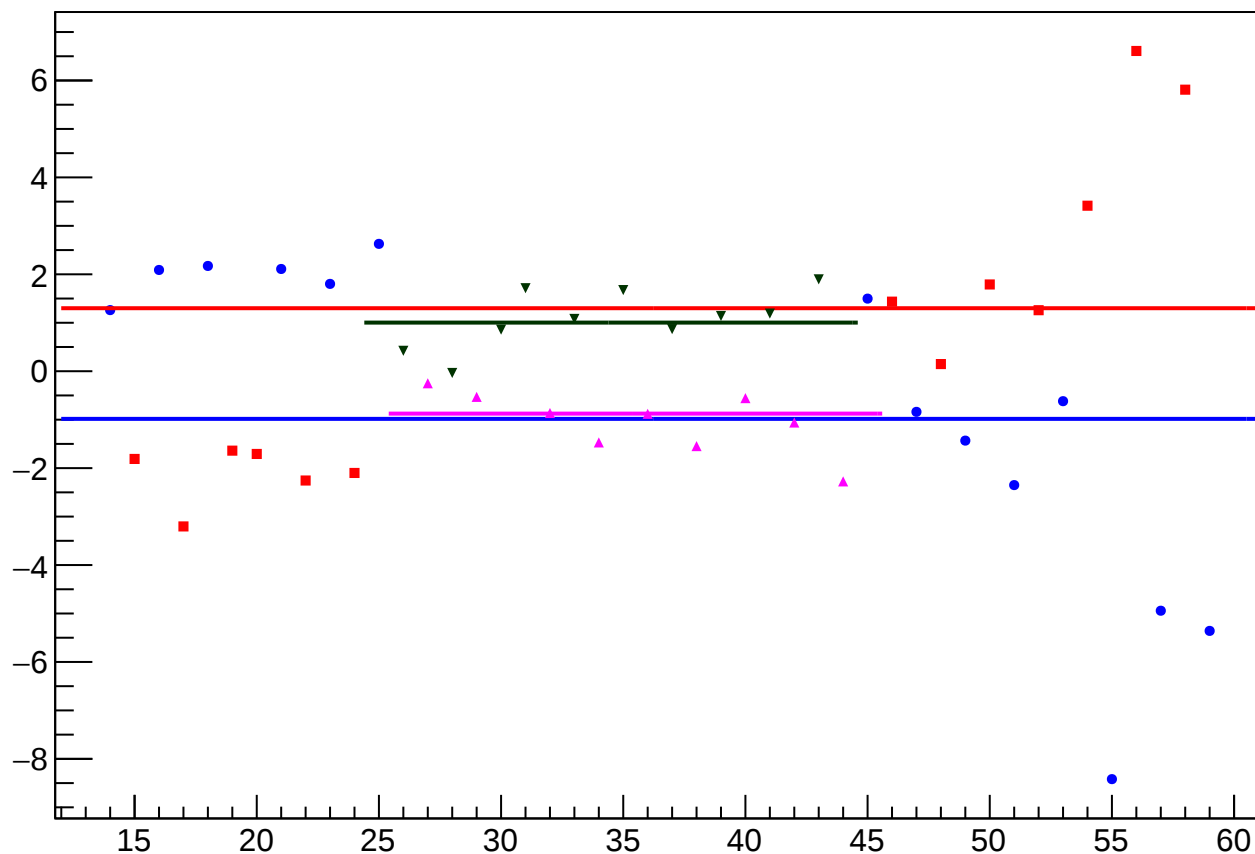
Left Out: -2.451+/-0.036 χ^2/NDF : 518.0/9

0.067+/-0.019 χ^2/NDF : 232330.8/45

Right Out: -6.754+/-0.050 χ^2/NDF : 97543.5/12

Left In: 2.276+/-0.032 χ^2/NDF : 728.6/8

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.983 ± 0.010 χ^2/NDF : 67088.7/13

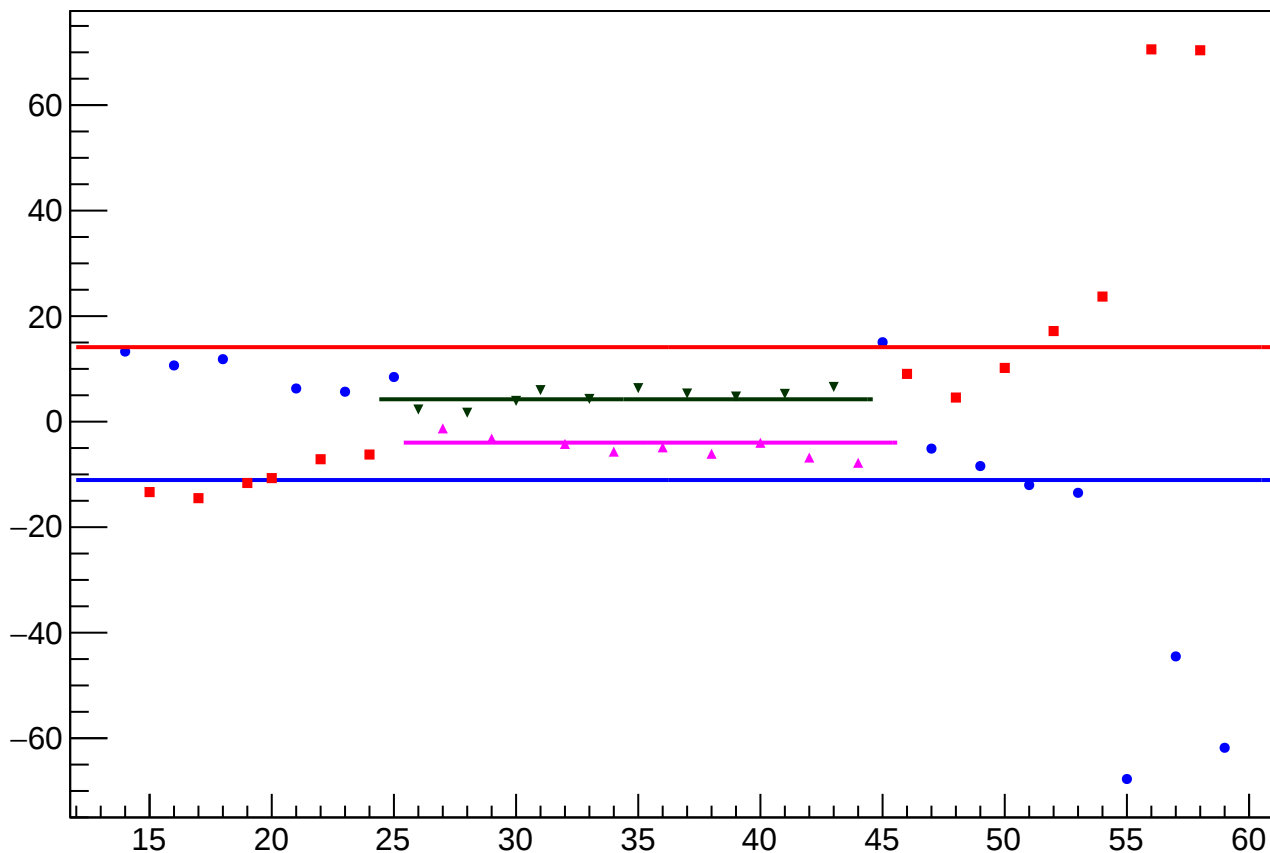
Left Out: 1.003 ± 0.008 χ^2/NDF : 4667.5/9

Right Out: 1.300 ± 0.011 χ^2/NDF : 50126.2/12

Left In: -0.875 ± 0.007 χ^2/NDF : 3999.7/8

0.002 ± 0.004 χ^2/NDF : 178995.9/45

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -11.067 ± 0.068 χ^2/NDF : 113132.7/13

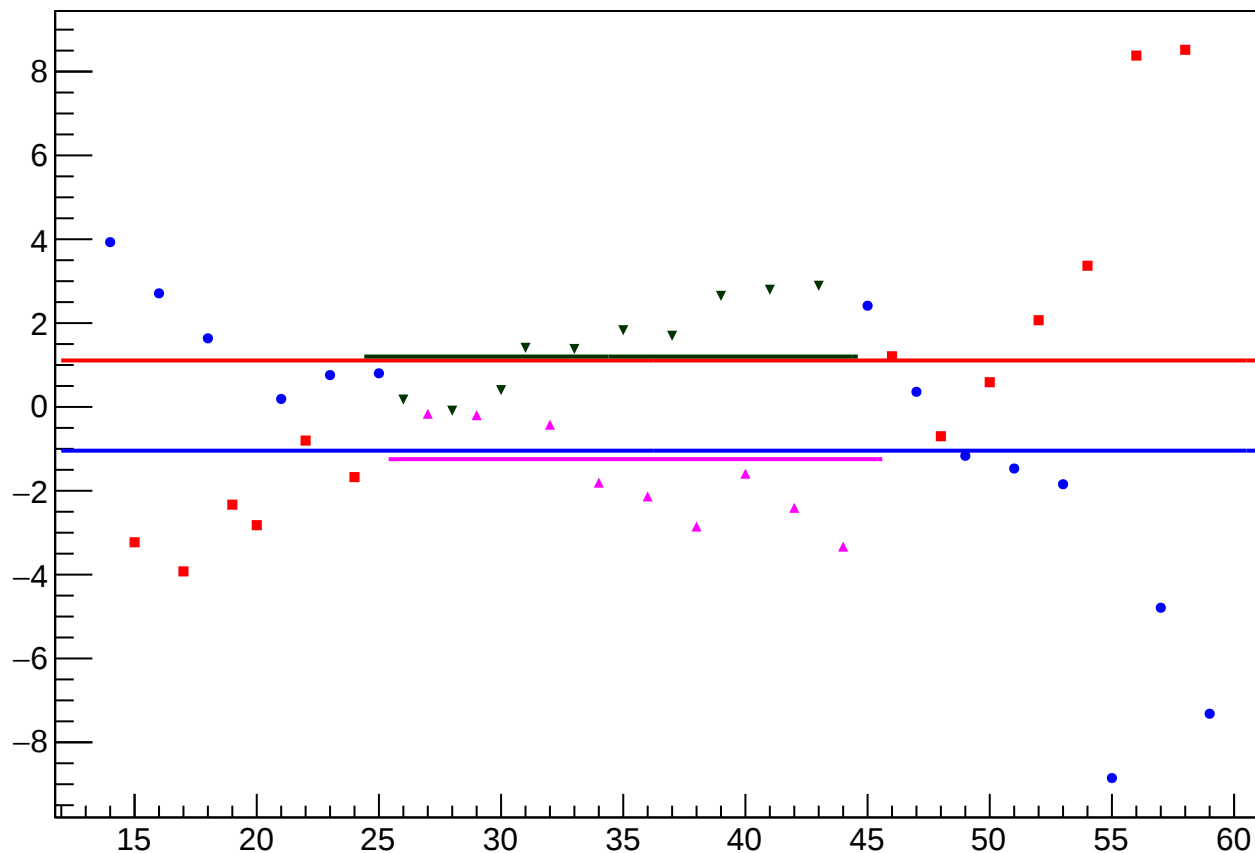
Left Out: 4.240 ± 0.060 χ^2/NDF : 692.9/9

Right Out: 14.121 ± 0.078 χ^2/NDF : 97243.3/12

Left In: -3.978 ± 0.053 χ^2/NDF : 1142.5/8

-0.309 ± 0.032 χ^2/NDF : 281326.4/45

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -1.043 ± 0.013 $\chi^2/\text{NDF}: 58227.7/13$

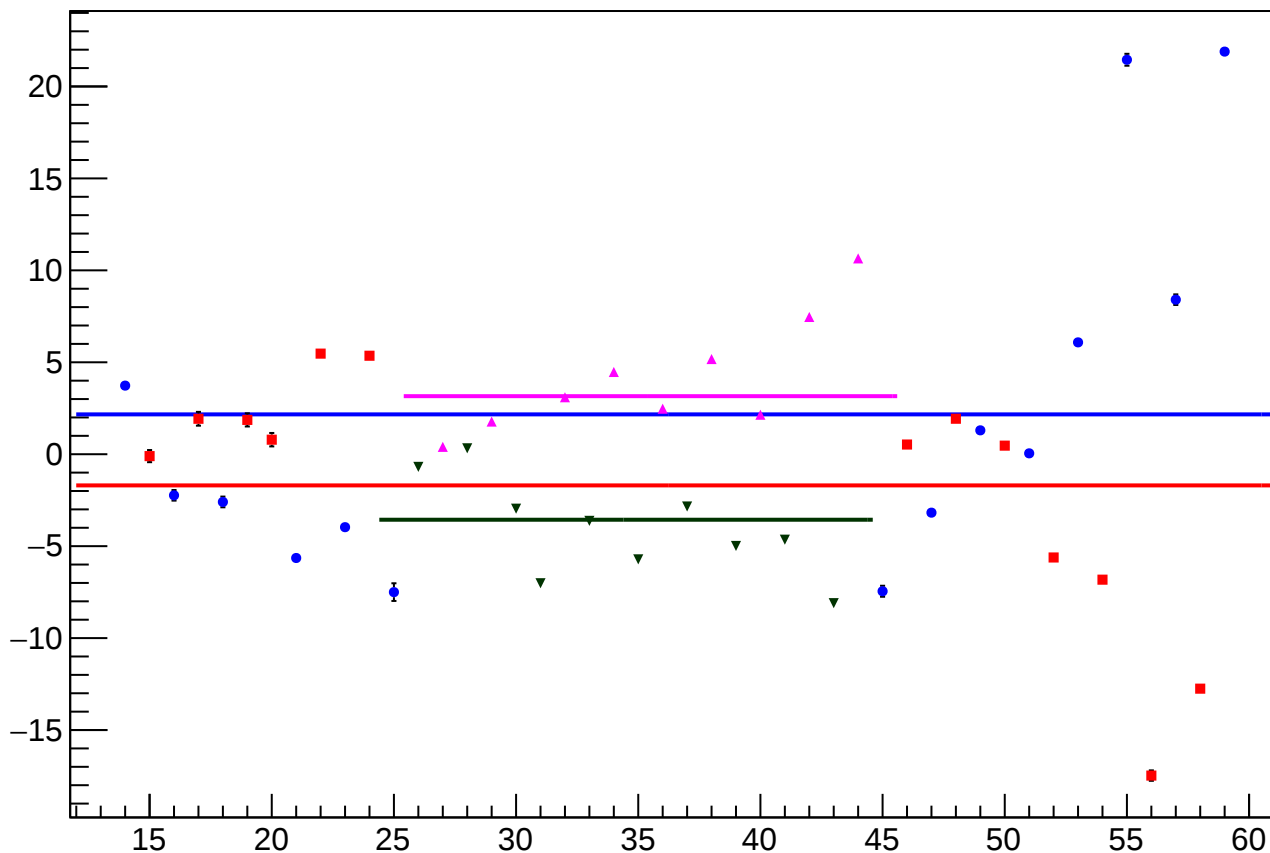
Left Out: 1.203 ± 0.011 $\chi^2/\text{NDF}: 8206.3/9$

Right Out: 1.108 ± 0.014 $\chi^2/\text{NDF}: 58996.3/12$

Left In: -1.246 ± 0.011 $\chi^2/\text{NDF}: 8115.6/8$

-0.017 ± 0.006 $\chi^2/\text{NDF}: 171926.1/45$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 2.167 ± 0.057 $\chi^2/\text{NDF}: 18021.7/13$

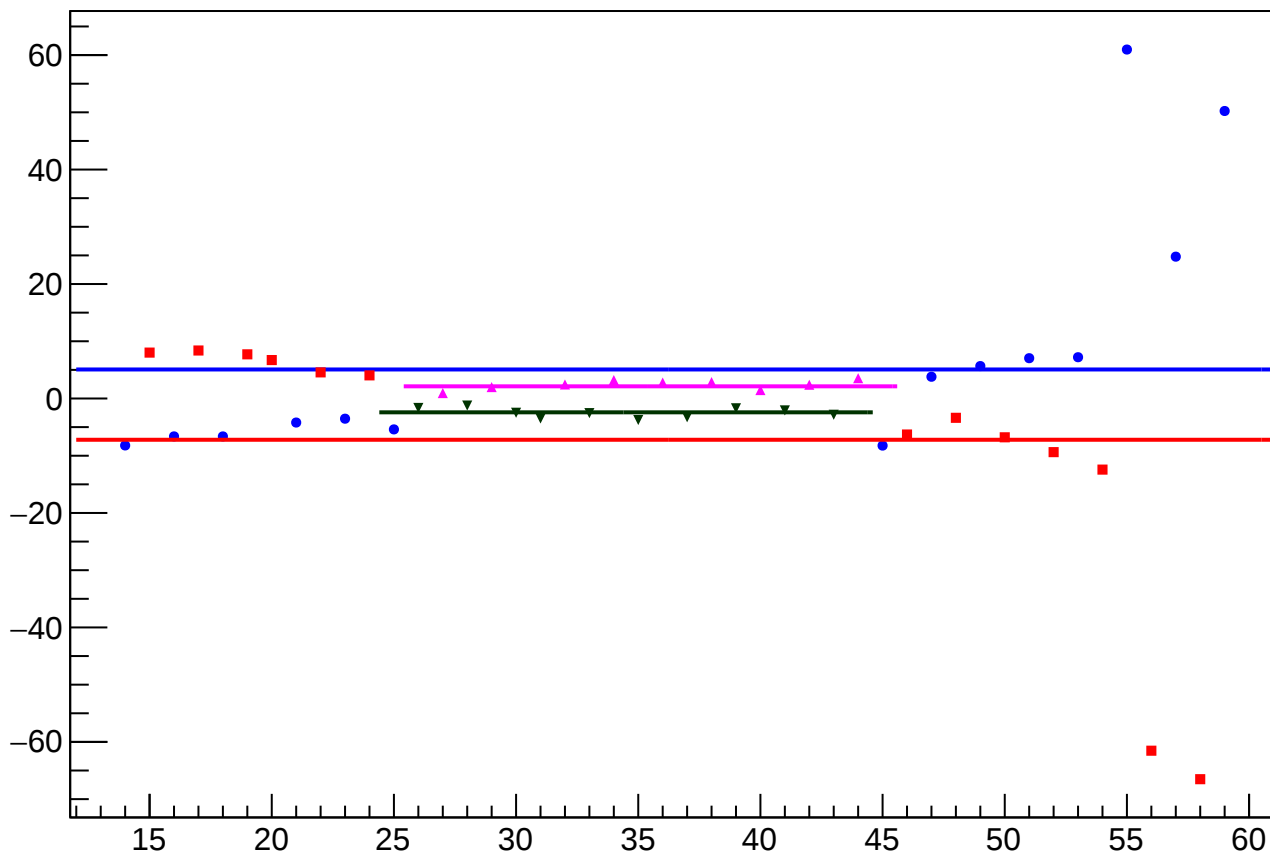
Left Out: -3.563 ± 0.052 $\chi^2/\text{NDF}: 2041.0/9$

Right Out: -1.695 ± 0.067 $\chi^2/\text{NDF}: 8161.8/12$

Left In: 3.157 ± 0.046 $\chi^2/\text{NDF}: 2492.0/8$

0.340 ± 0.027 $\chi^2/\text{NDF}: 42055.6/45$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 5.071 ± 0.045 $\chi^2/\text{NDF}: 93213.7/13$

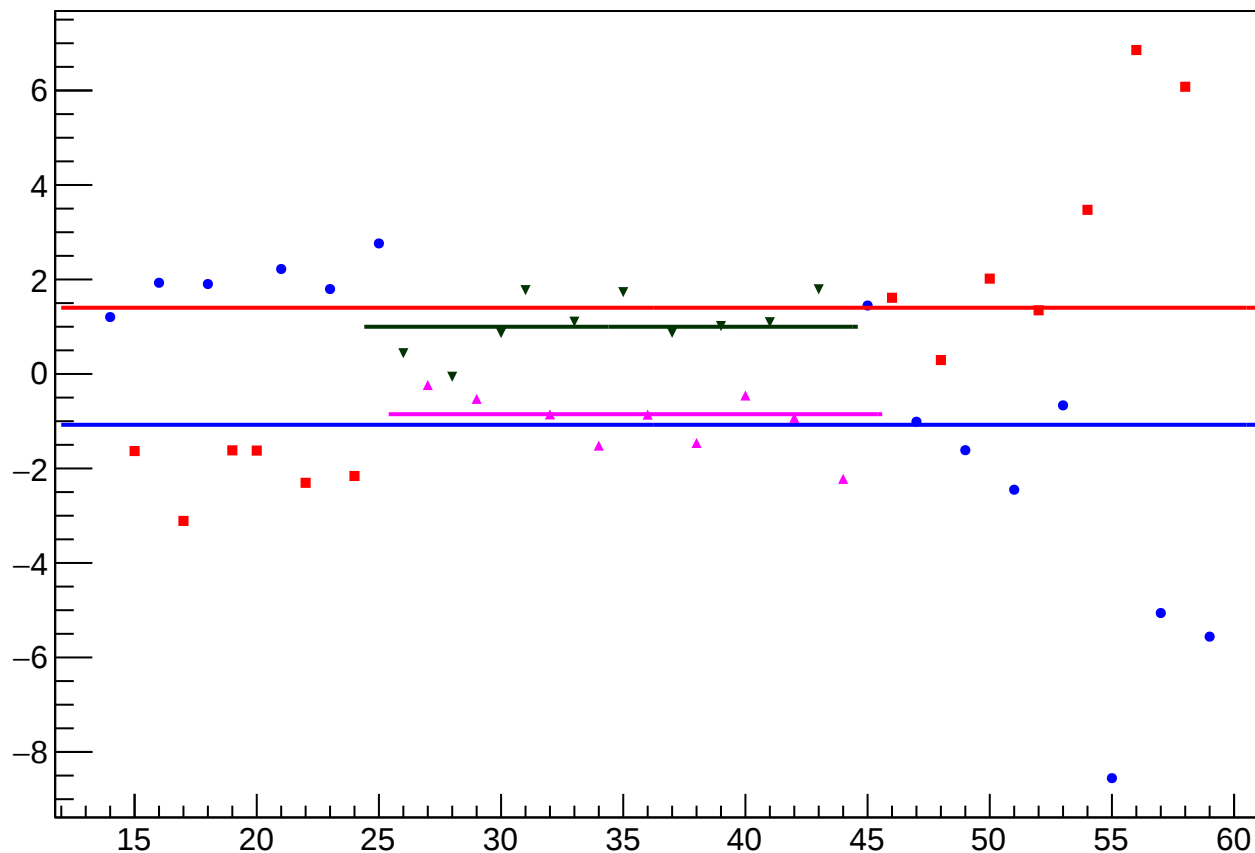
Left Out: -2.416 ± 0.039 $\chi^2/\text{NDF}: 409.5/9$

0.043 ± 0.020 $\chi^2/\text{NDF}: 229666.0/45$

Right Out: -7.211 ± 0.052 $\chi^2/\text{NDF}: 95981.1/12$

Left In: 2.126 ± 0.034 $\chi^2/\text{NDF}: 510.2/8$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.076 ± 0.010 χ^2/NDF : 66107.1/13

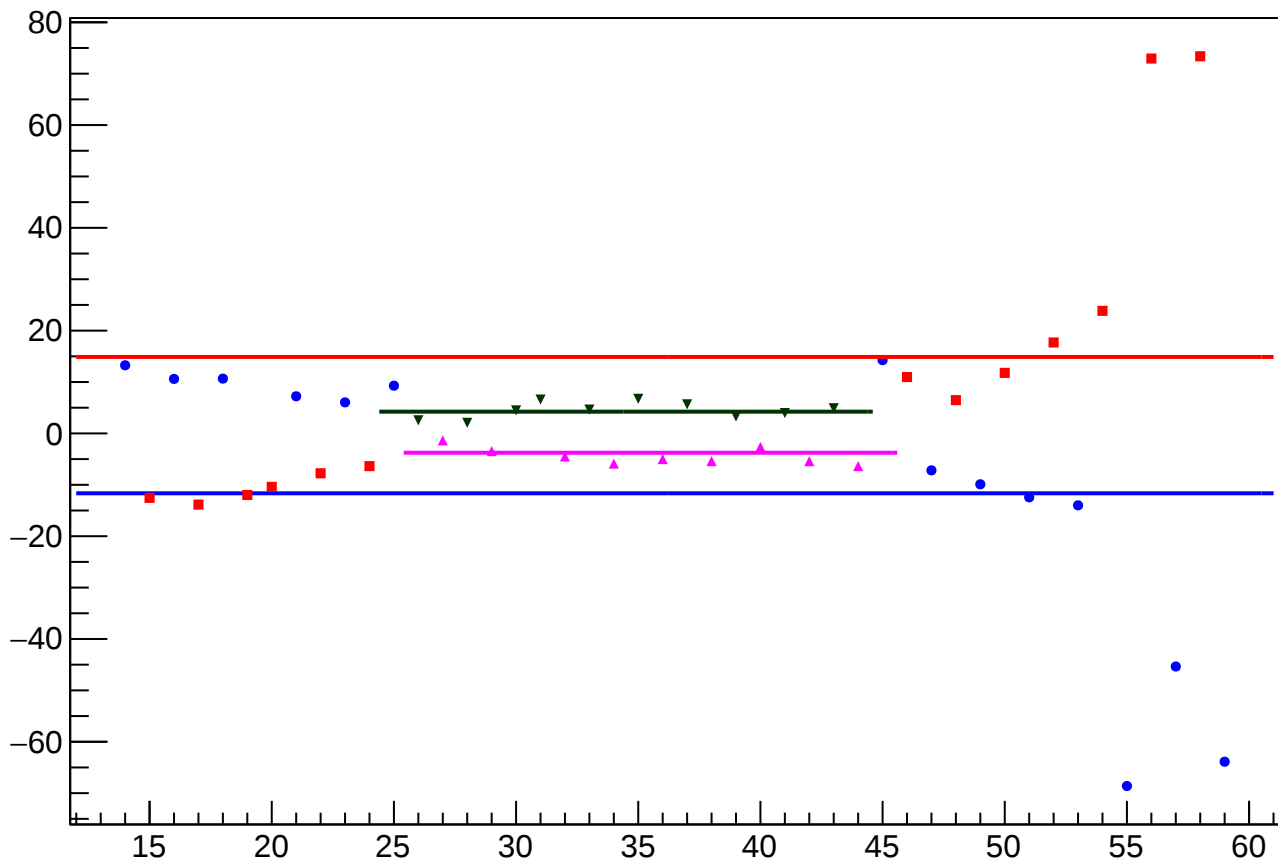
Left Out: 0.999 ± 0.008 χ^2/NDF : 4096.0/9

Right Out: 1.402 ± 0.012 χ^2/NDF : 49262.7/12

Left In: -0.851 ± 0.008 χ^2/NDF : 3579.4/8

0.001 ± 0.005 χ^2/NDF : 173779.0/45

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -11.651 ± 0.071 χ^2/NDF : 111920.4/13

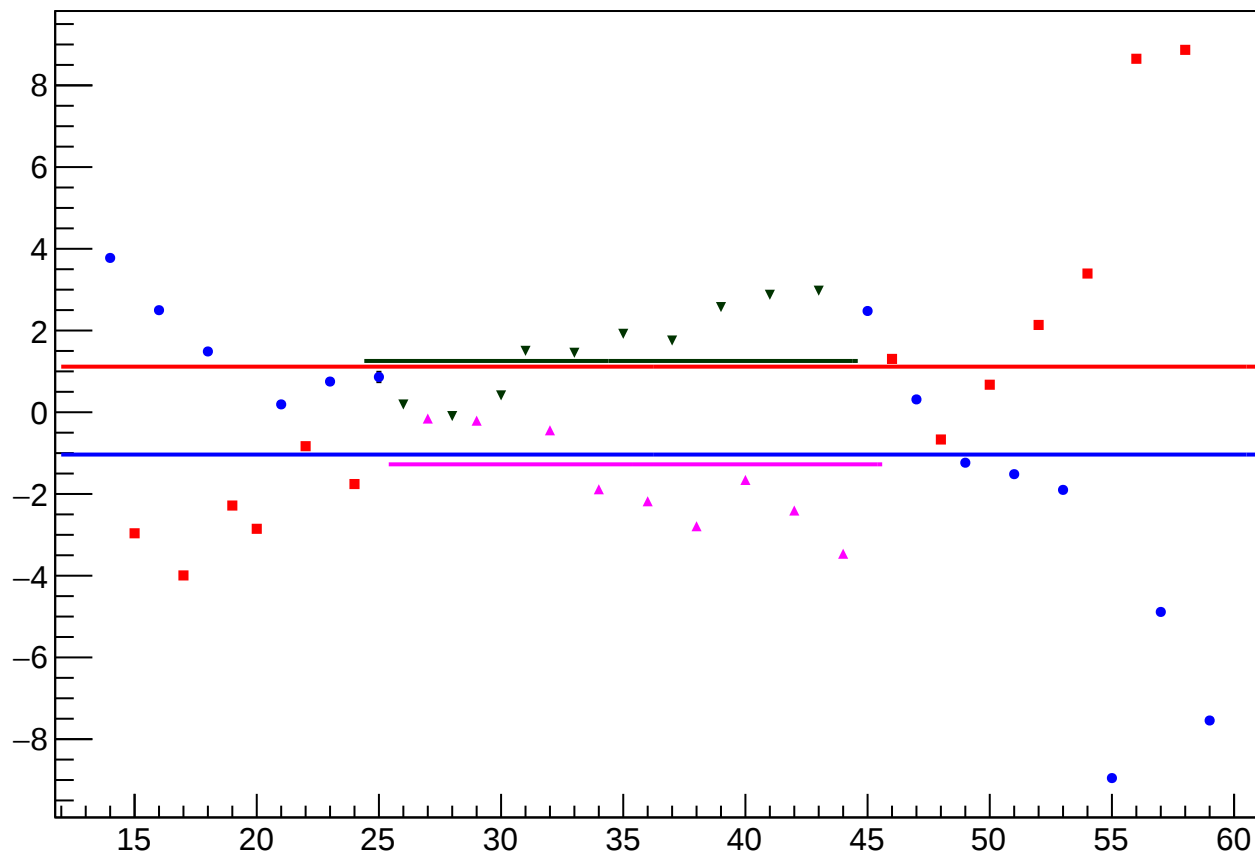
Left Out: 4.232 ± 0.064 χ^2/NDF : 531.4/9

-0.288 ± 0.033 χ^2/NDF : 277899.5/45

Right Out: 14.880 ± 0.082 χ^2/NDF : 95527.1/12

Left In: -3.757 ± 0.056 χ^2/NDF : 807.8/8

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -1.035+/-0.013 χ^2/NDF : 57545.9/13

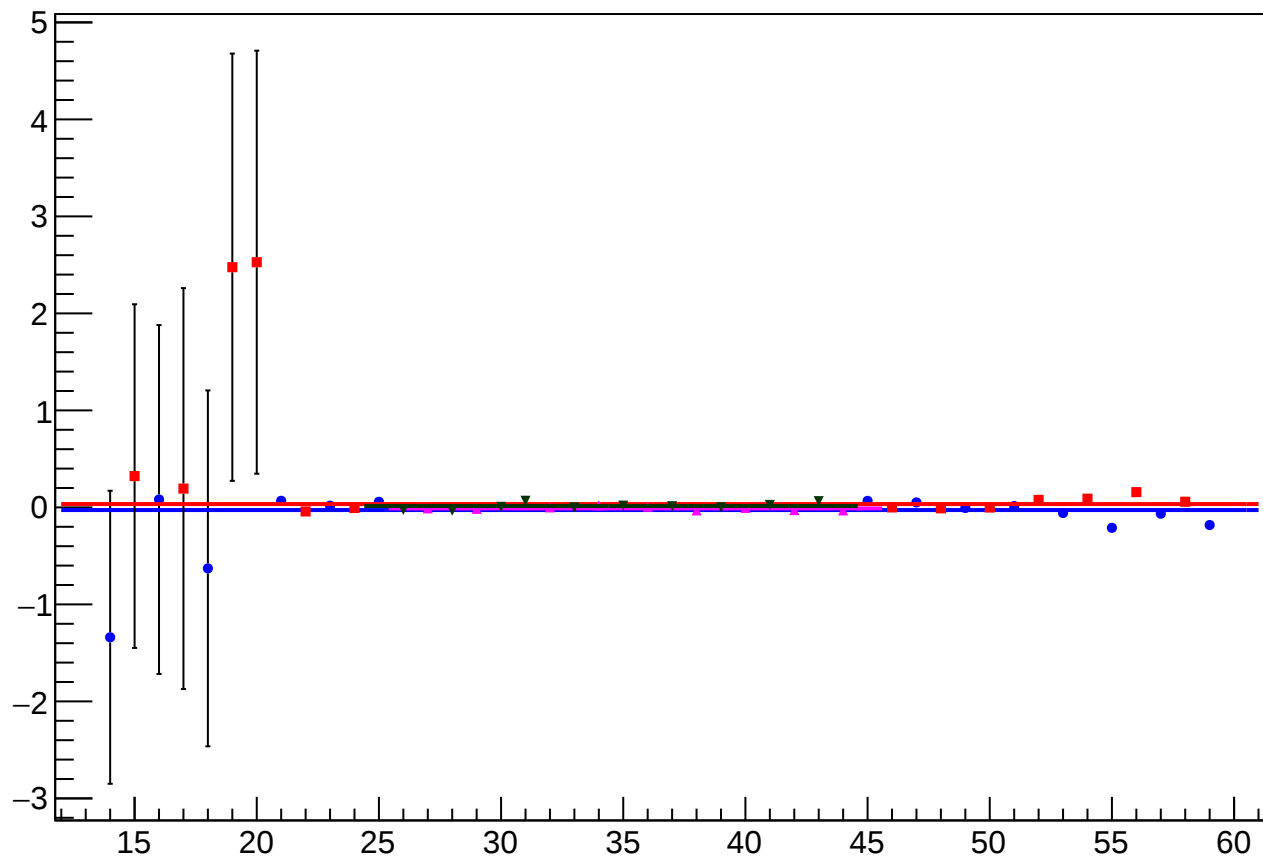
Left Out: 1.255+/-0.011 χ^2/NDF : 7468.2/9

Right Out: 1.116+/-0.015 χ^2/NDF : 58216.8/12

Left In: -1.275+/-0.012 χ^2/NDF : 7555.8/8

-0.016+/-0.006 χ^2/NDF : 166846.4/45

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.027 ± 0.005 χ^2/NDF : 252.1/13

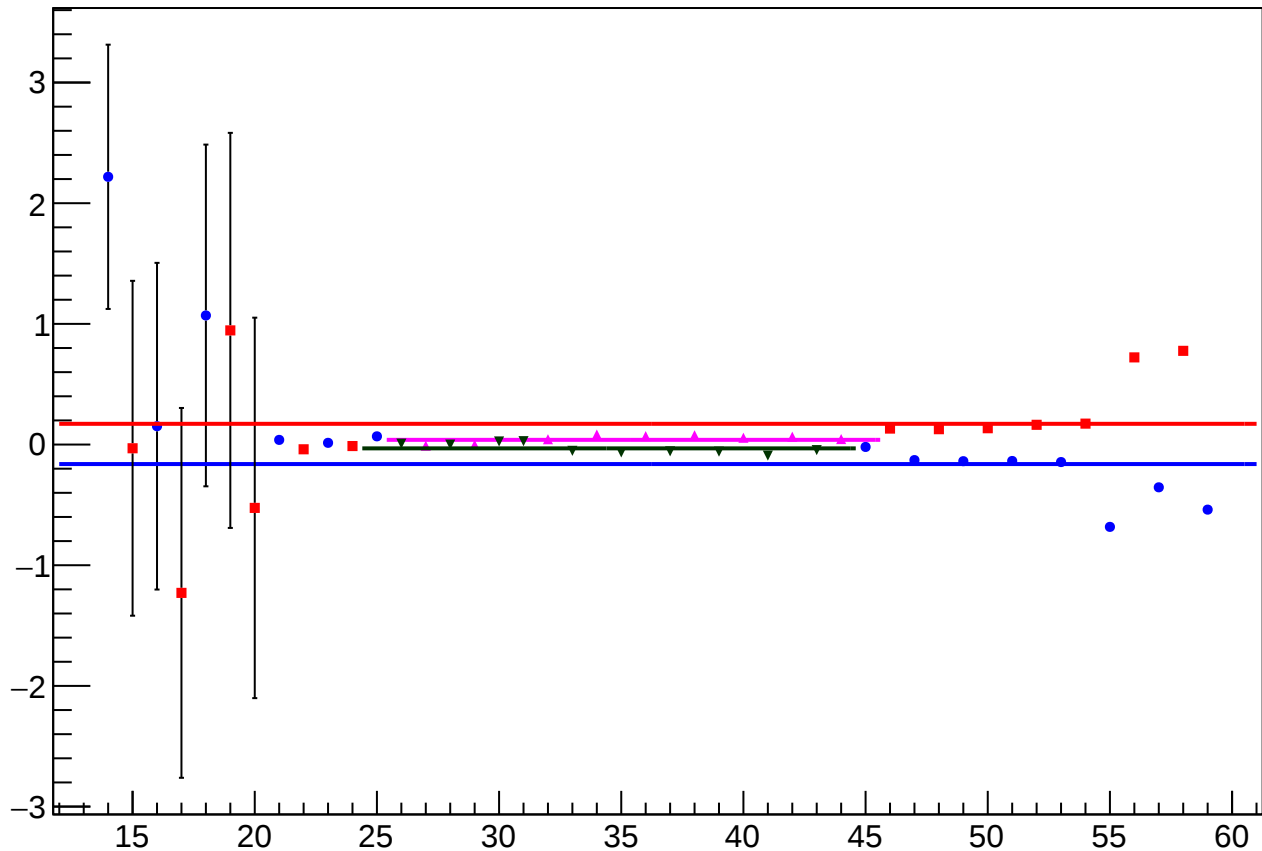
Left Out: 0.014 ± 0.006 χ^2/NDF : 26.2/9

Right Out: 0.034 ± 0.006 χ^2/NDF : 79.2/12

Left In: -0.010 ± 0.006 χ^2/NDF : 5.5/8

-0.000 ± 0.003 χ^2/NDF : 424.1/45

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.162 ± 0.004 χ^2/NDF : 1609.2/13

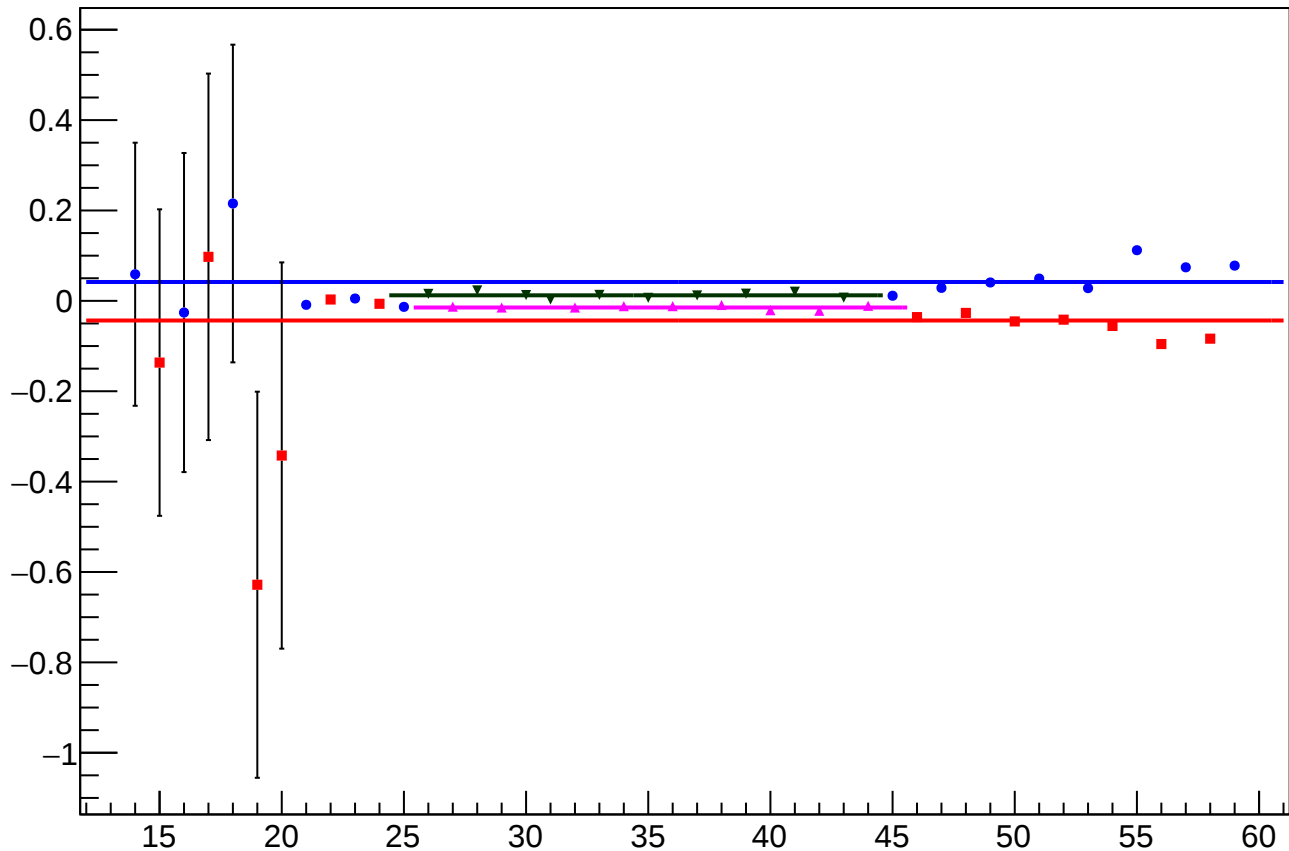
Left Out: -0.032 ± 0.005 χ^2/NDF : 65.2/9

-0.006 ± 0.002 χ^2/NDF : 5947.1/45

Right Out: 0.172 ± 0.005 χ^2/NDF : 1613.1/12

Left In: 0.039 ± 0.005 χ^2/NDF : 49.7/8

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.042 $\pm$ 0.001 χ^2 /NDF: 1122.2/13

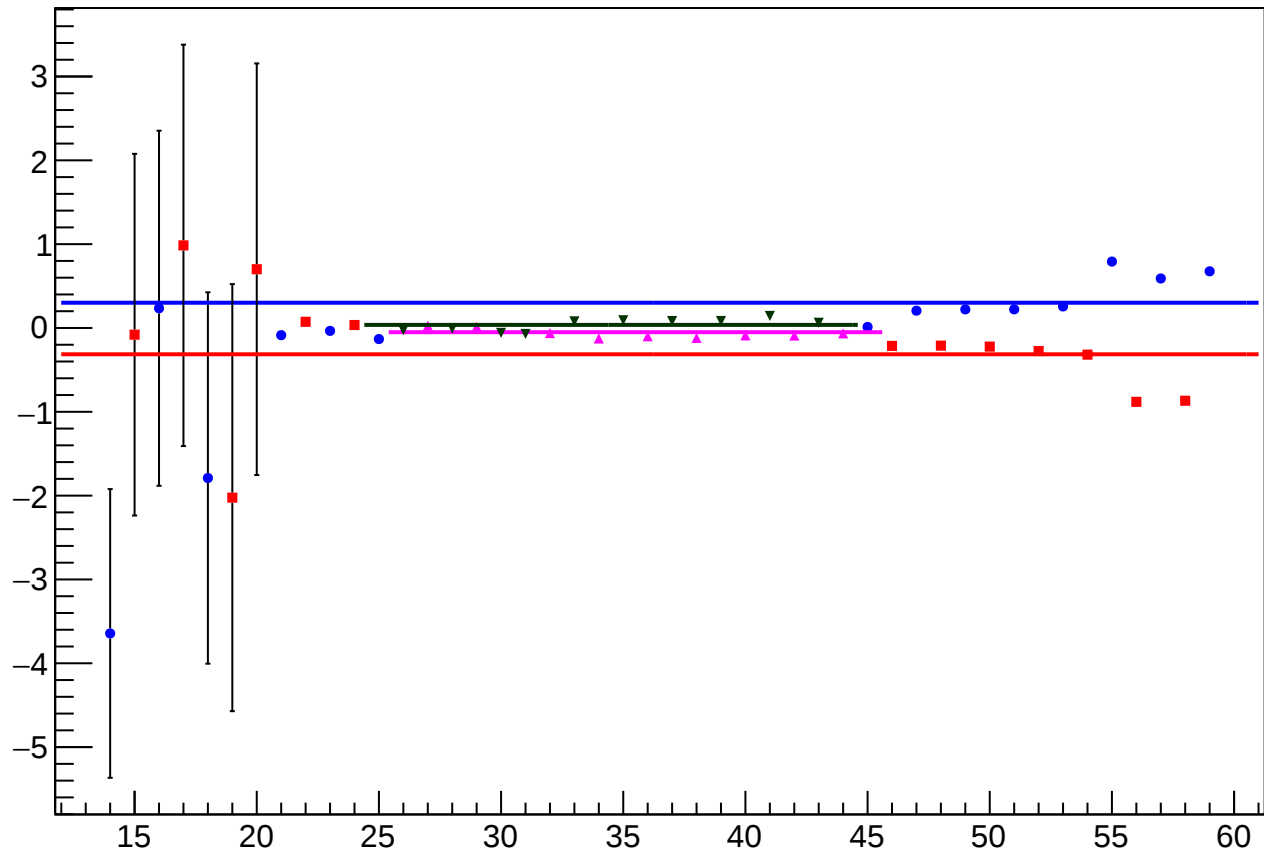
Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 34.0/9

0.002 $\pm$ 0.001 χ^2 /NDF: 5455.6/45

Right Out: -0.043 $\pm$ 0.001 χ^2 /NDF: 632.2/12

Left In: -0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.301 ± 0.007 $\chi^2/\text{NDF}: 1735.3/13$

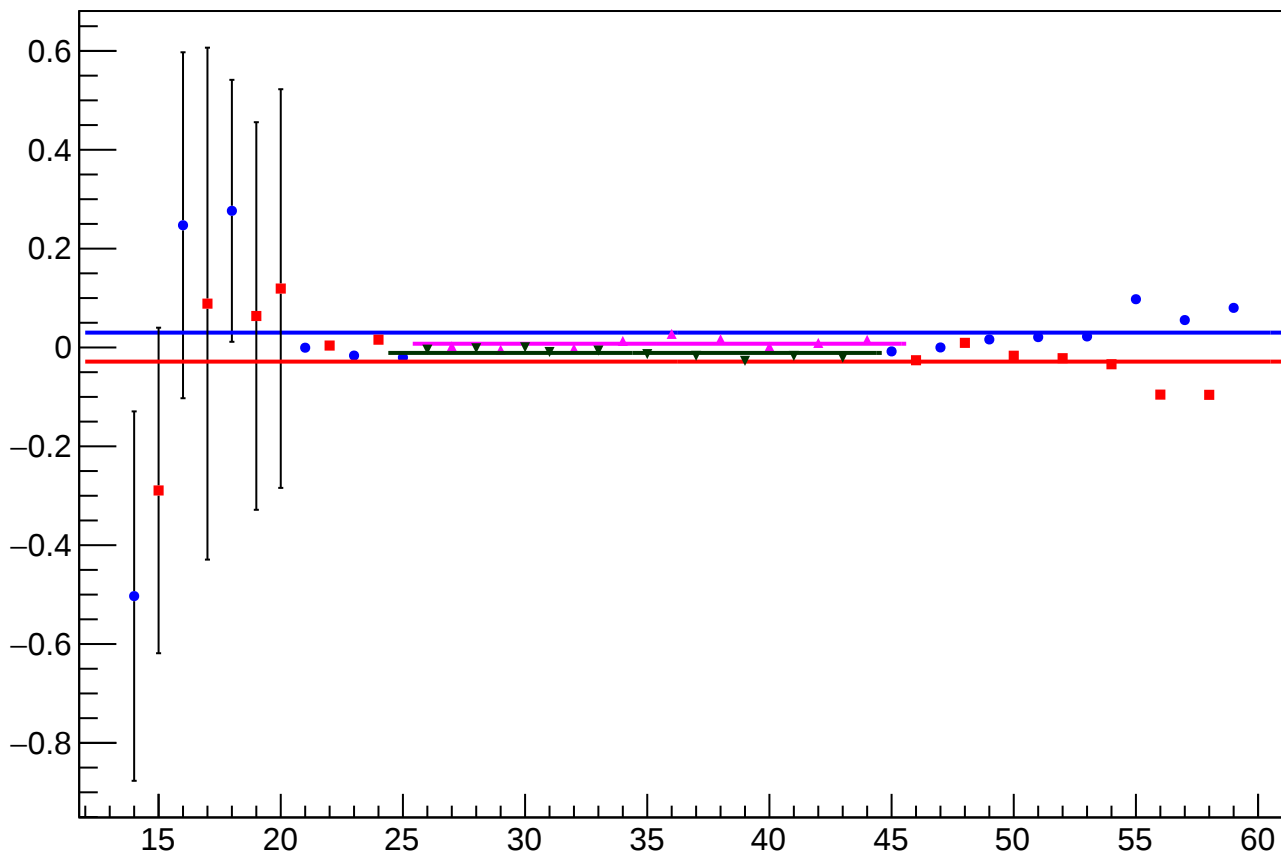
Left Out: 0.037 ± 0.008 $\chi^2/\text{NDF}: 67.8/9$

0.016 ± 0.004 $\chi^2/\text{NDF}: 7044.2/45$

Right Out: -0.314 ± 0.008 $\chi^2/\text{NDF}: 1500.1/12$

Left In: -0.050 ± 0.008 $\chi^2/\text{NDF}: 51.2/8$

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.030 $\pm$ 0.001 χ^2/NDF : 723.4/13

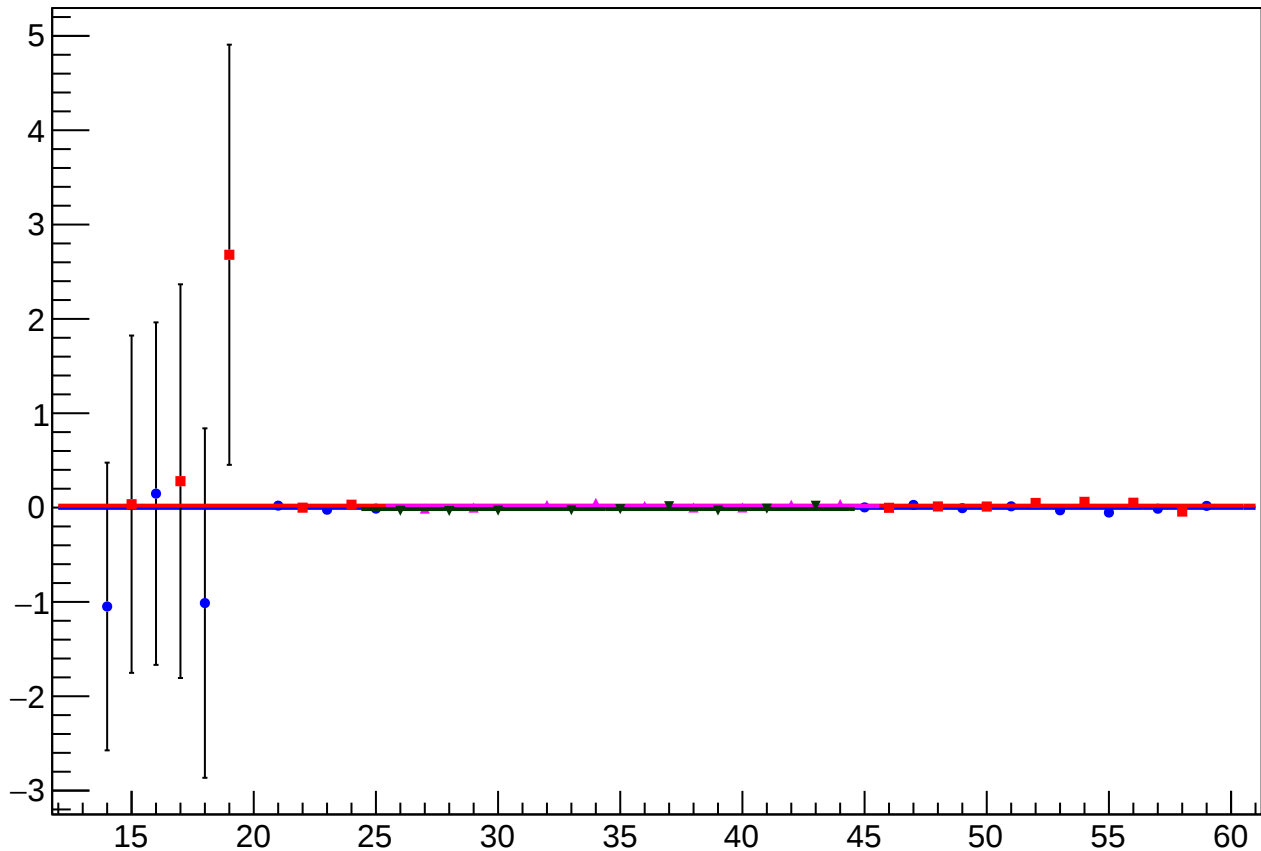
Left Out: -0.011 $\pm$ 0.001 χ^2/NDF : 36.7/9

0.001 $\pm$ 0.001 χ^2/NDF : 2505.7/45

Right Out: -0.029 $\pm$ 0.001 χ^2/NDF : 692.2/12

Left In: 0.008 $\pm$ 0.002 χ^2/NDF : 44.0/8

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.003 ± 0.006 χ^2/NDF : 14.2/13

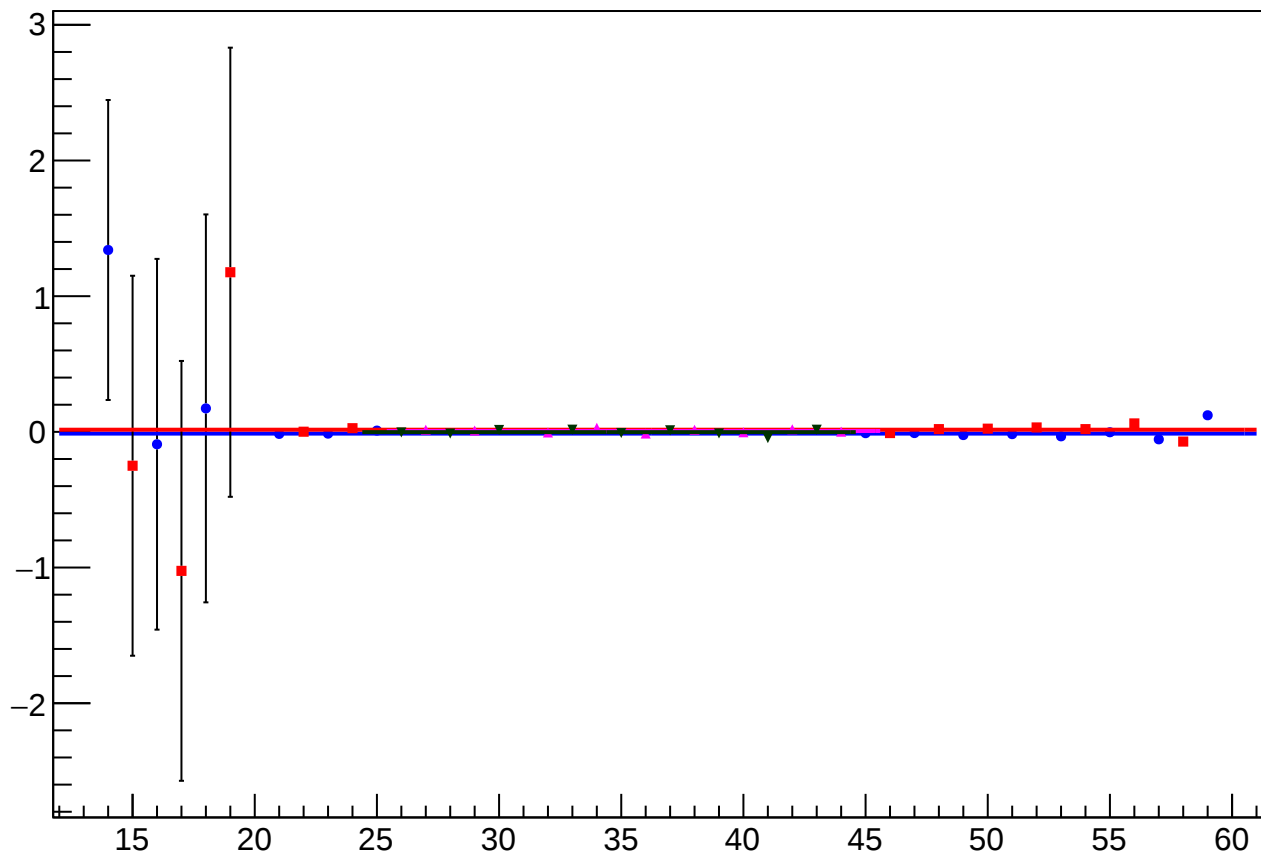
Left Out: -0.016 ± 0.007 χ^2/NDF : 9.9/8

Right Out: 0.020 ± 0.007 χ^2/NDF : 23.0/11

Left In: 0.015 ± 0.006 χ^2/NDF : 8.7/8

0.004 ± 0.003 χ^2/NDF : 75.0/43

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 $\pm$ 0.005 χ^2/NDF : 64.9/13

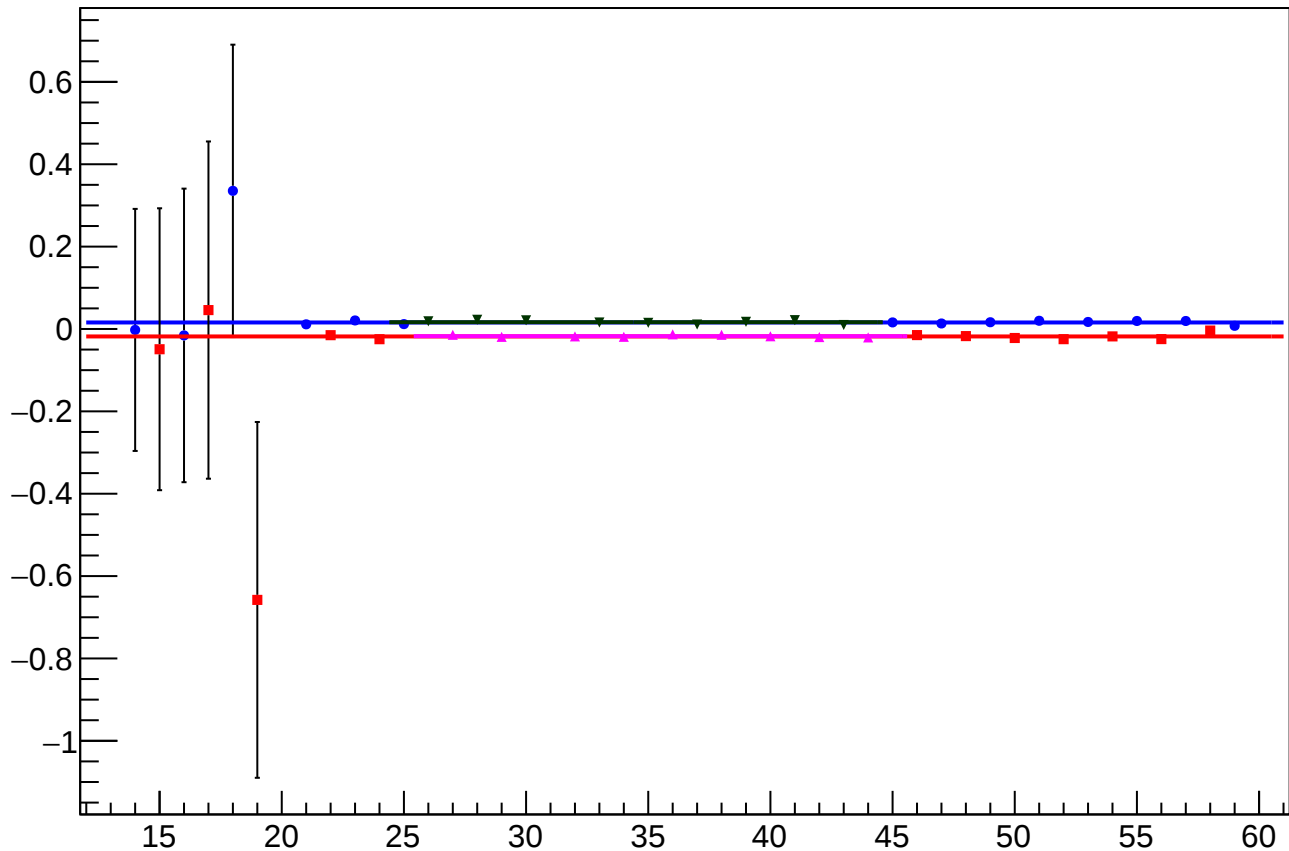
Left Out: -0.002 $\pm$ 0.005 χ^2/NDF : 11.9/8

Right Out: 0.016 $\pm$ 0.005 χ^2/NDF : 25.4/11

Left In: 0.006 $\pm$ 0.005 χ^2/NDF : 5.9/8

0.001 $\pm$ 0.002 χ^2/NDF : 127.5/43

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 ± 0.001 χ^2/NDF : 15.9/13

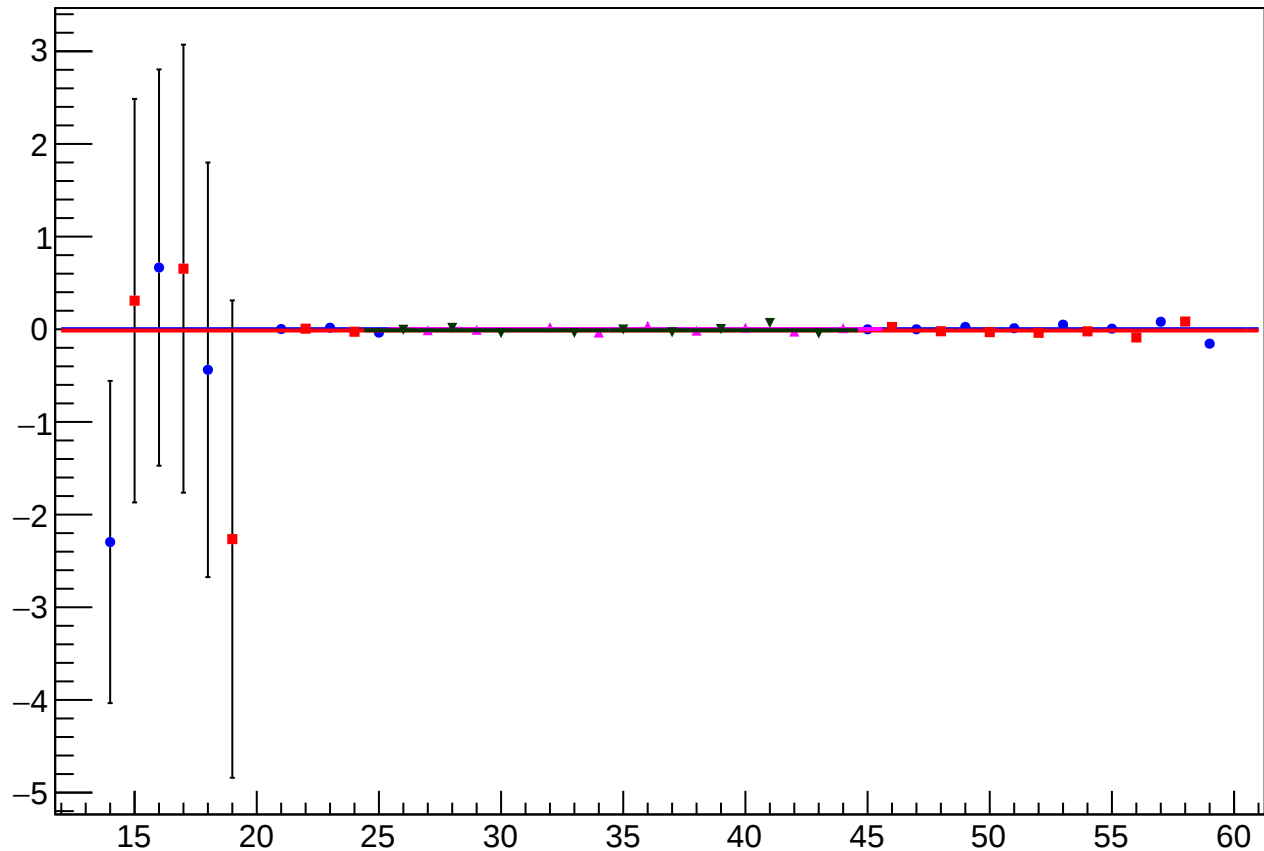
Left Out: 0.016 ± 0.001 χ^2/NDF : 16.2/8

-0.000 ± 0.001 χ^2/NDF : 1051.6/43

Right Out: -0.018 ± 0.001 χ^2/NDF : 31.4/11

Left In: -0.017 ± 0.001 χ^2/NDF : 4.9/8

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.001+/-0.007 χ^2/NDF : 87.1/13

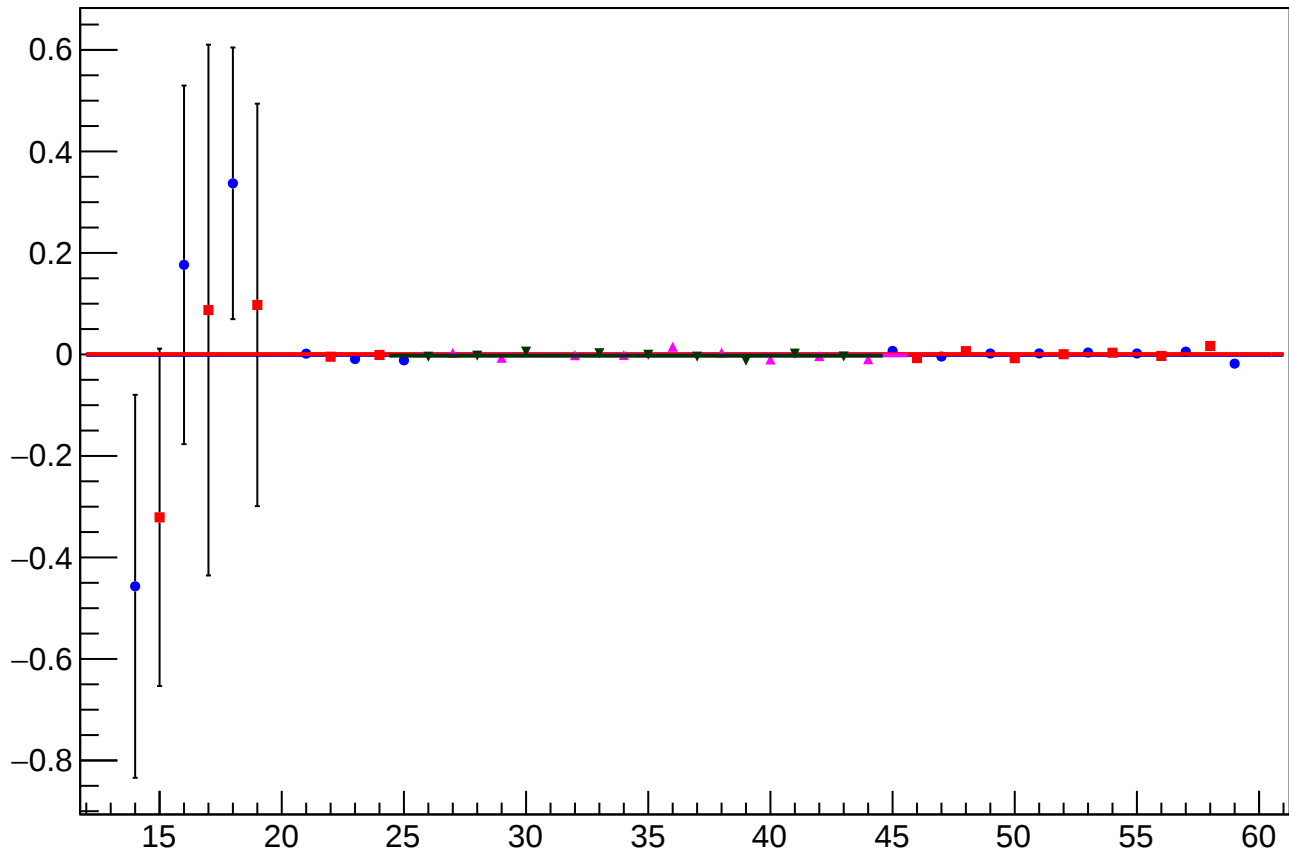
Left Out: -0.010+/-0.008 χ^2/NDF : 13.8/8

-0.004+/-0.004 χ^2/NDF : 140.0/43

Right Out: -0.014+/-0.008 χ^2/NDF : 29.2/11

Left In: 0.002+/-0.008 χ^2/NDF : 6.6/8

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001+/-0.001 χ^2/NDF : 36.9/13

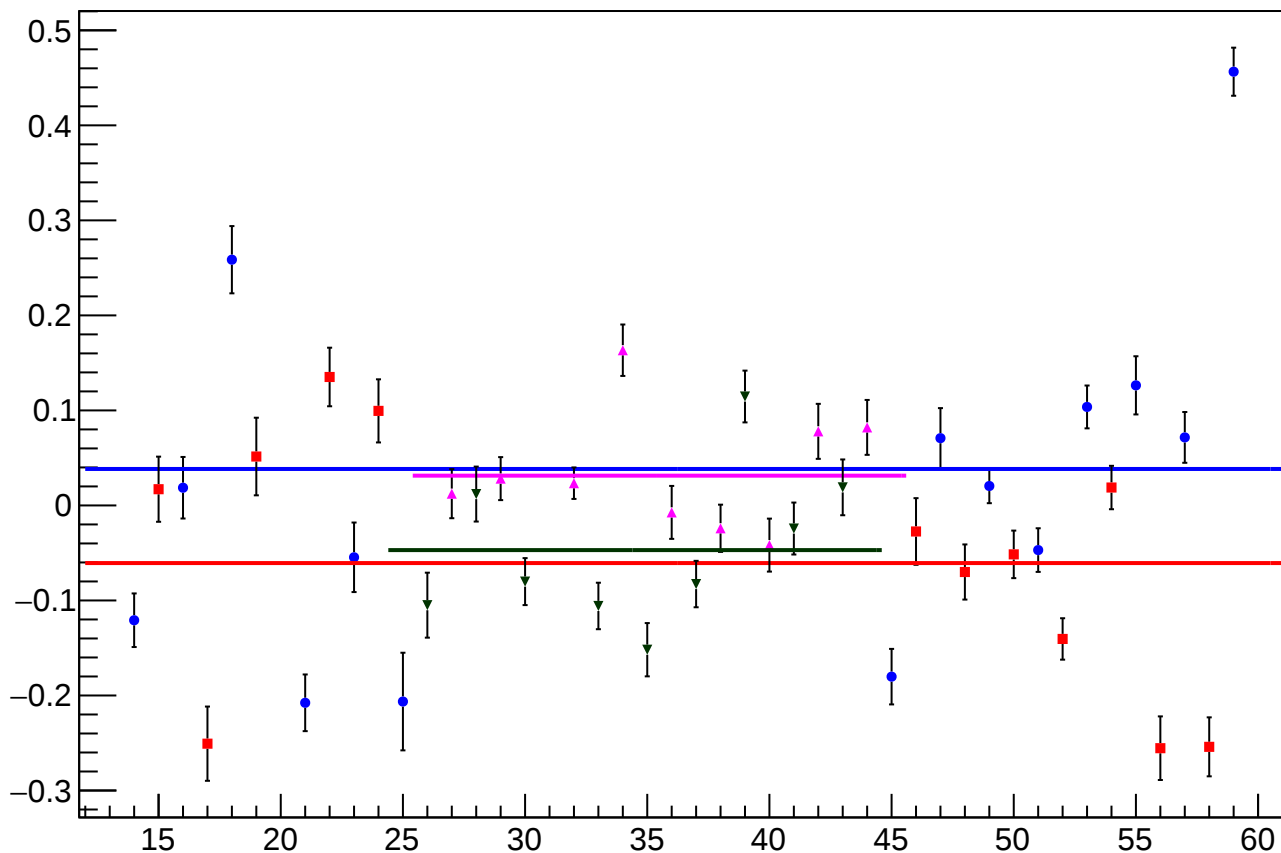
Left Out: -0.002+/-0.001 χ^2/NDF : 9.5/8

Right Out: 0.001+/-0.001 χ^2/NDF : 25.5/11

Left In: -0.002+/-0.002 χ^2/NDF : 24.7/8

-0.001+/-0.001 χ^2/NDF : 99.0/43

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.038 ± 0.007 $\chi^2/\text{NDF}: 531.2/13$

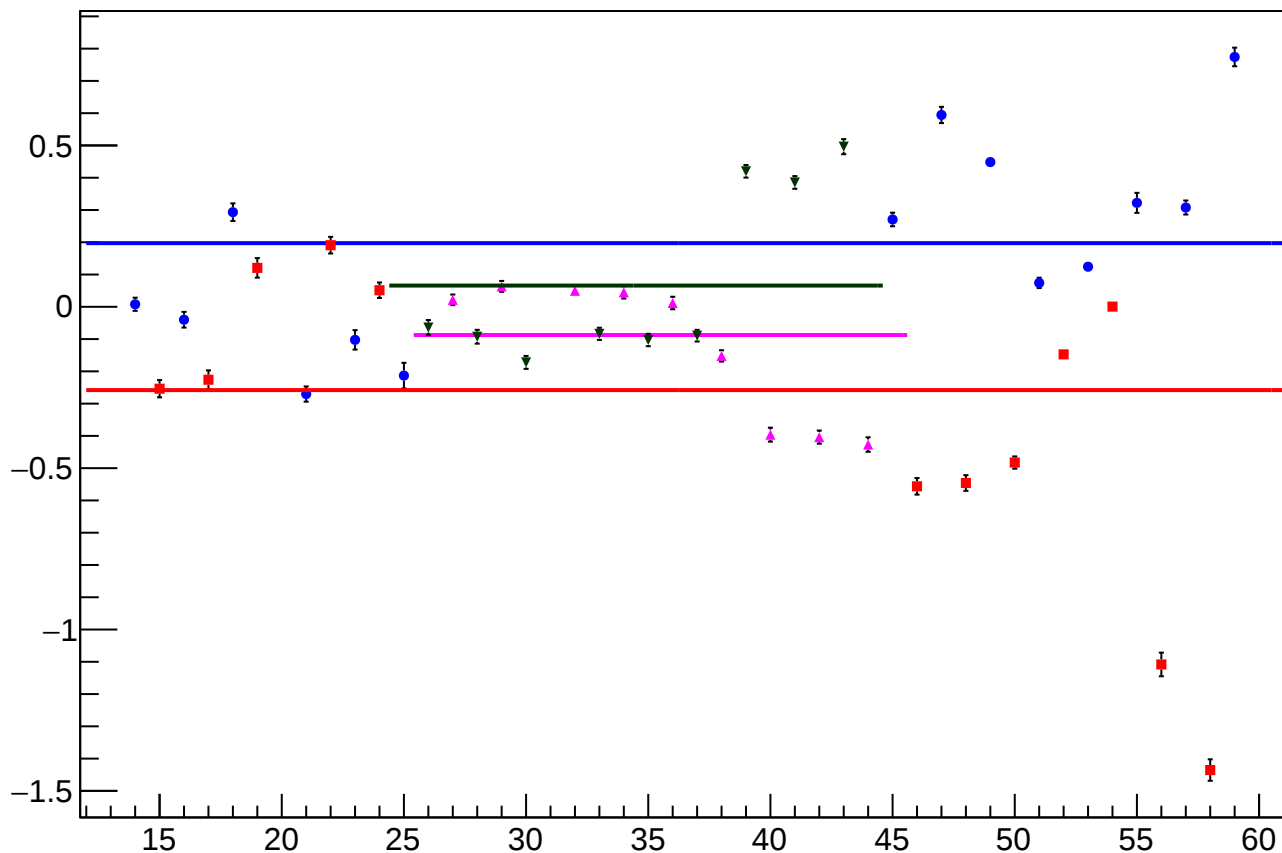
Left Out: -0.047 ± 0.009 $\chi^2/\text{NDF}: 71.7/8$

-0.004 ± 0.004 $\chi^2/\text{NDF}: 964.3/43$

Right Out: -0.061 ± 0.009 $\chi^2/\text{NDF}: 199.4/11$

Left In: 0.031 ± 0.008 $\chi^2/\text{NDF}: 44.0/8$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.197 $\pm$ 0.006 χ^2 /NDF: 1851.5/13

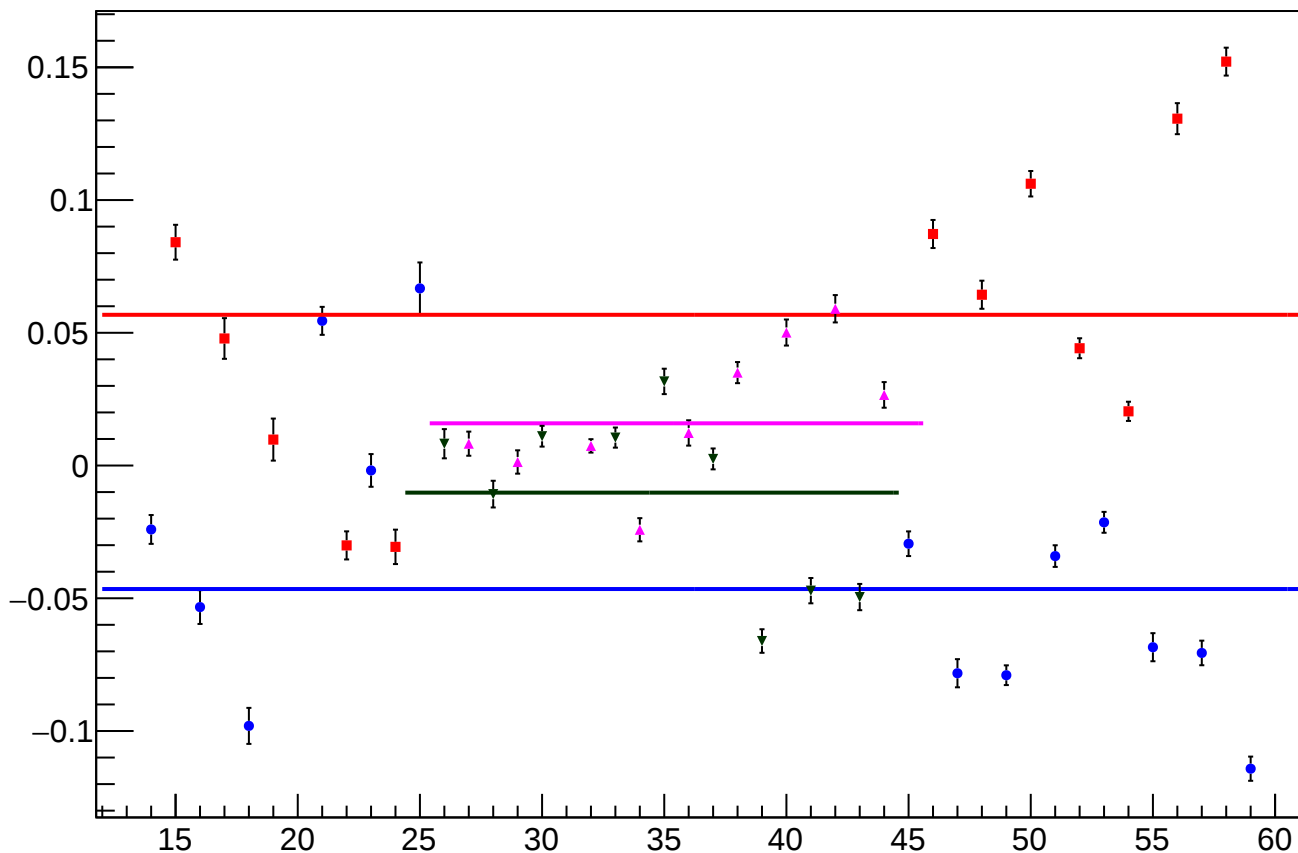
Left Out: 0.066 $\pm$ 0.007 χ^2 /NDF:1368.1/8

Right Out: -0.258 $\pm$ 0.007 χ^2 /NDF: 3171.2/11

Left In: -0.087 $\pm$ 0.006 χ^2 /NDF:988.4/8

-0.011 $\pm$ 0.003 χ^2 /NDF: 10372.2/43

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.047 $\pm$ 0.001 χ^2 /NDF: 1071.0/13

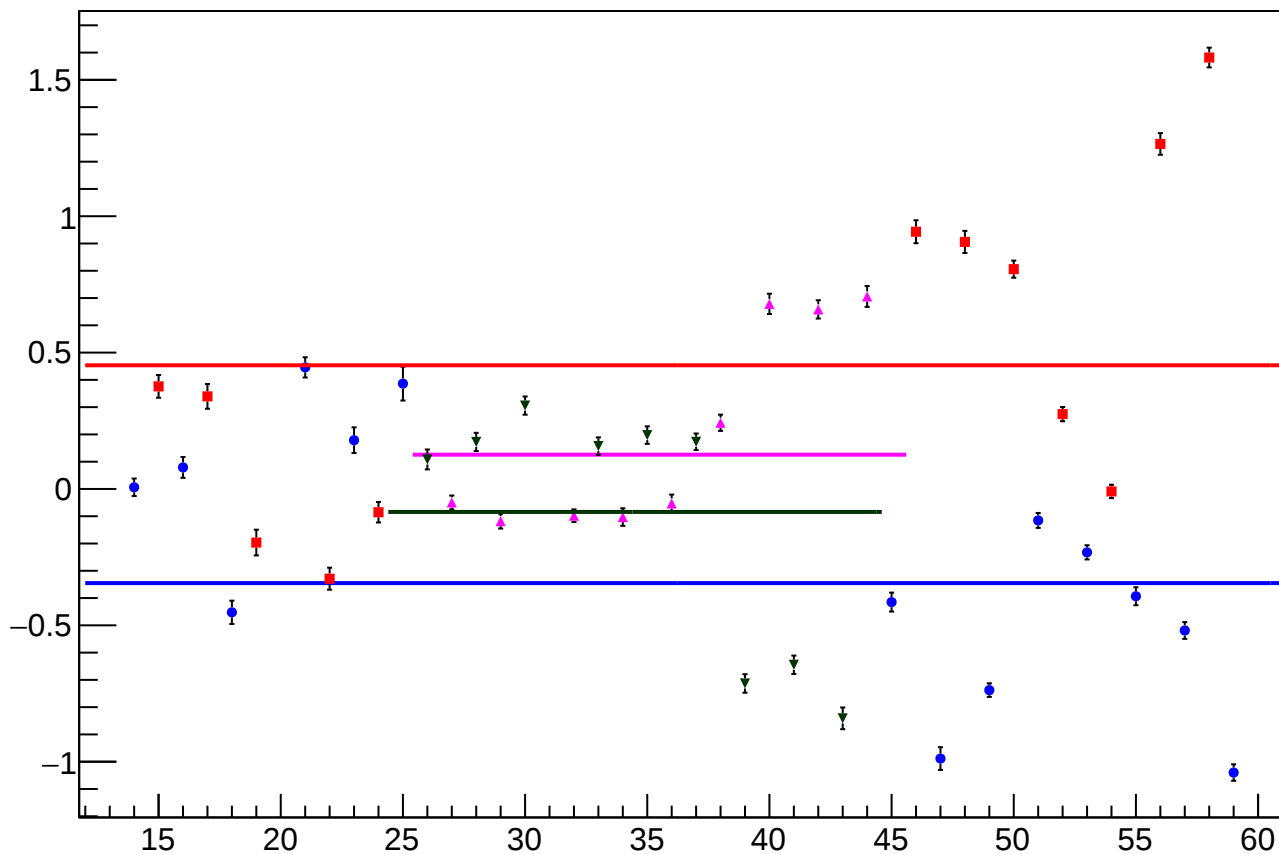
Left Out: -0.010 $\pm$ 0.001 χ^2 /NDF: 439.6/8

Right Out: 0.057 $\pm$ 0.002 χ^2 /NDF: 1247.5/11

Left In: 0.016 $\pm$ 0.001 χ^2 /NDF: 256.4/8

0.001 $\pm$ 0.001 χ^2 /NDF: 5839.7/43

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.345 ± 0.009 χ^2/NDF : 2106.4/13

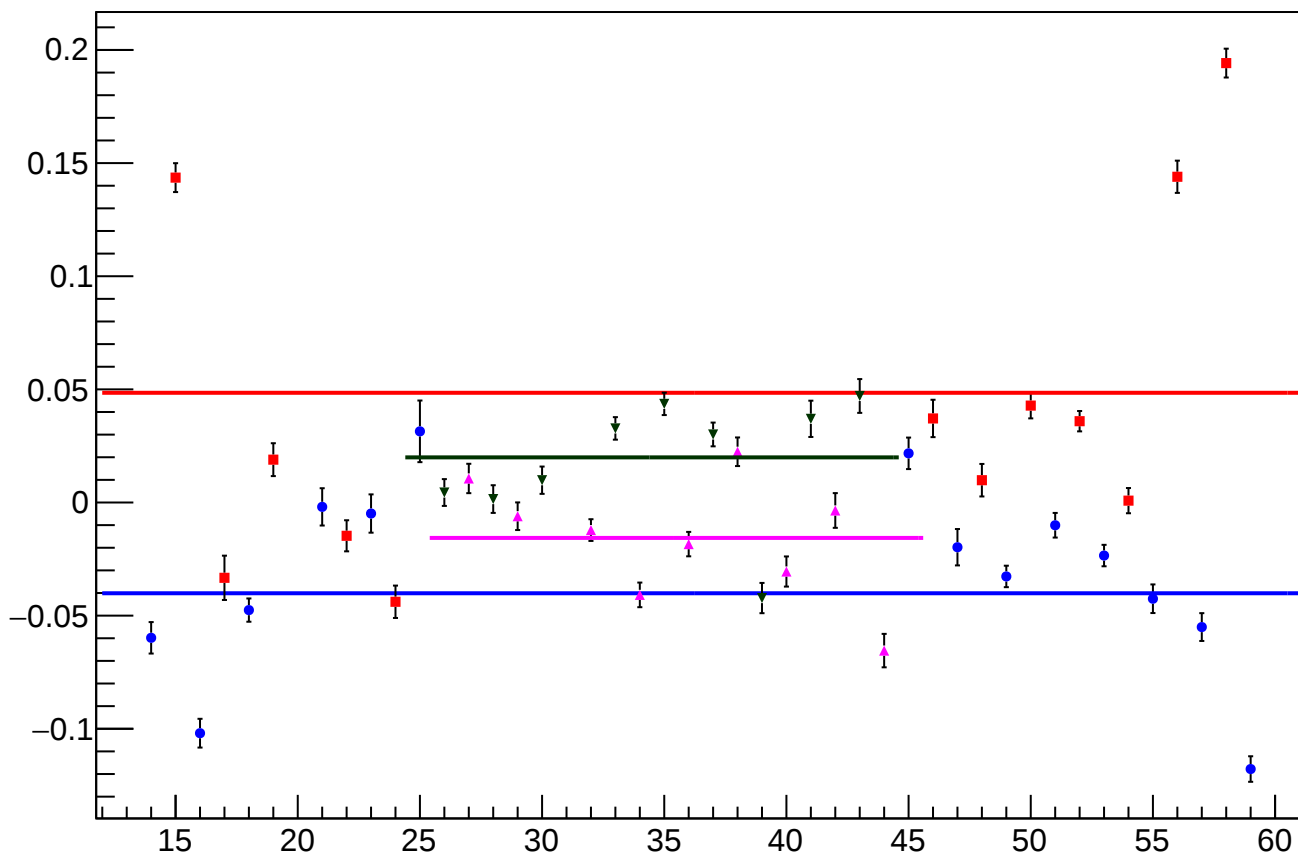
Left Out: -0.084 ± 0.011 χ^2/NDF : 1409.4/8

Right Out: 0.453 ± 0.010 χ^2/NDF : 2959.3/11

Left In: 0.126 ± 0.010 χ^2/NDF : 1020.3/8

0.015 ± 0.005 χ^2/NDF : 11157.7/43

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.040 ± 0.002 $\chi^2/\text{NDF}: 497.4/13$

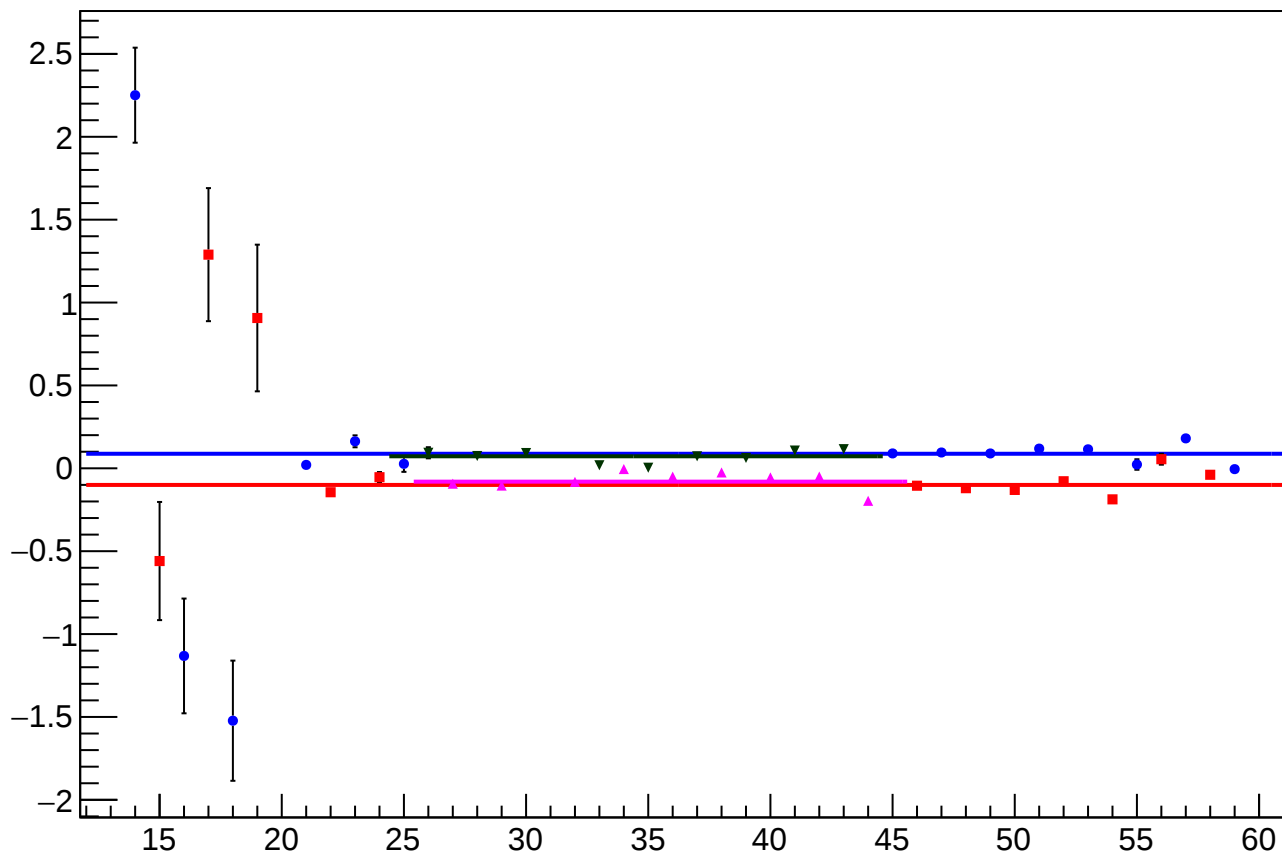
Left Out: 0.020 ± 0.002 $\chi^2/\text{NDF}: 156.1/8$

Right Out: 0.048 ± 0.002 $\chi^2/\text{NDF}: 1374.4/11$

Left In: -0.016 ± 0.002 $\chi^2/\text{NDF}: 130.2/8$

0.001 ± 0.001 $\chi^2/\text{NDF}: 3569.2/43$

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.088 $\pm$ 0.007 χ^2/NDF : 134.9/13

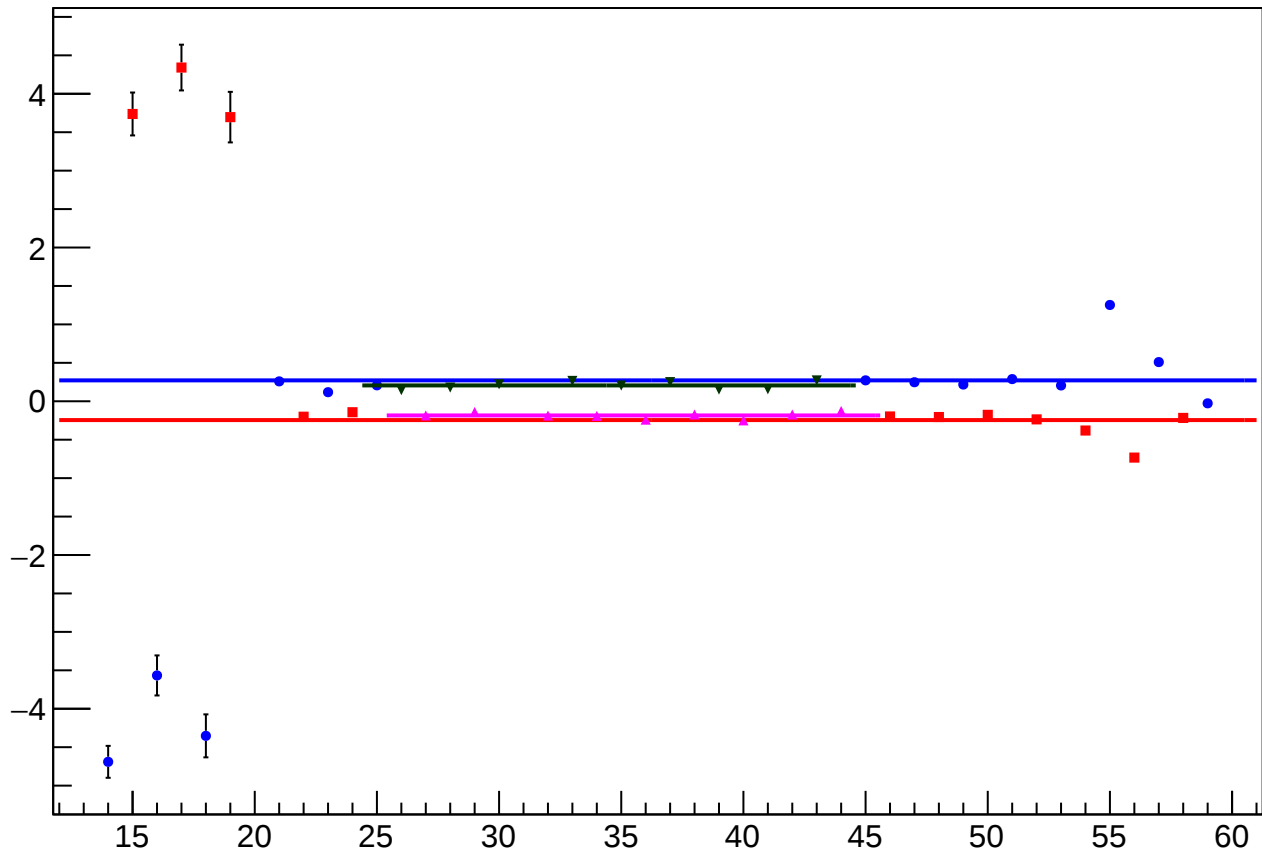
Left Out: 0.073 $\pm$ 0.009 χ^2/NDF : 16.1/8

Right Out: -0.100 $\pm$ 0.009 χ^2/NDF : 67.3/11

Left In: -0.080 $\pm$ 0.008 χ^2/NDF : 39.3/8

-0.001 $\pm$ 0.004 χ^2/NDF : 689.4/43

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272 ± 0.006 χ^2/NDF : 2299.7/13

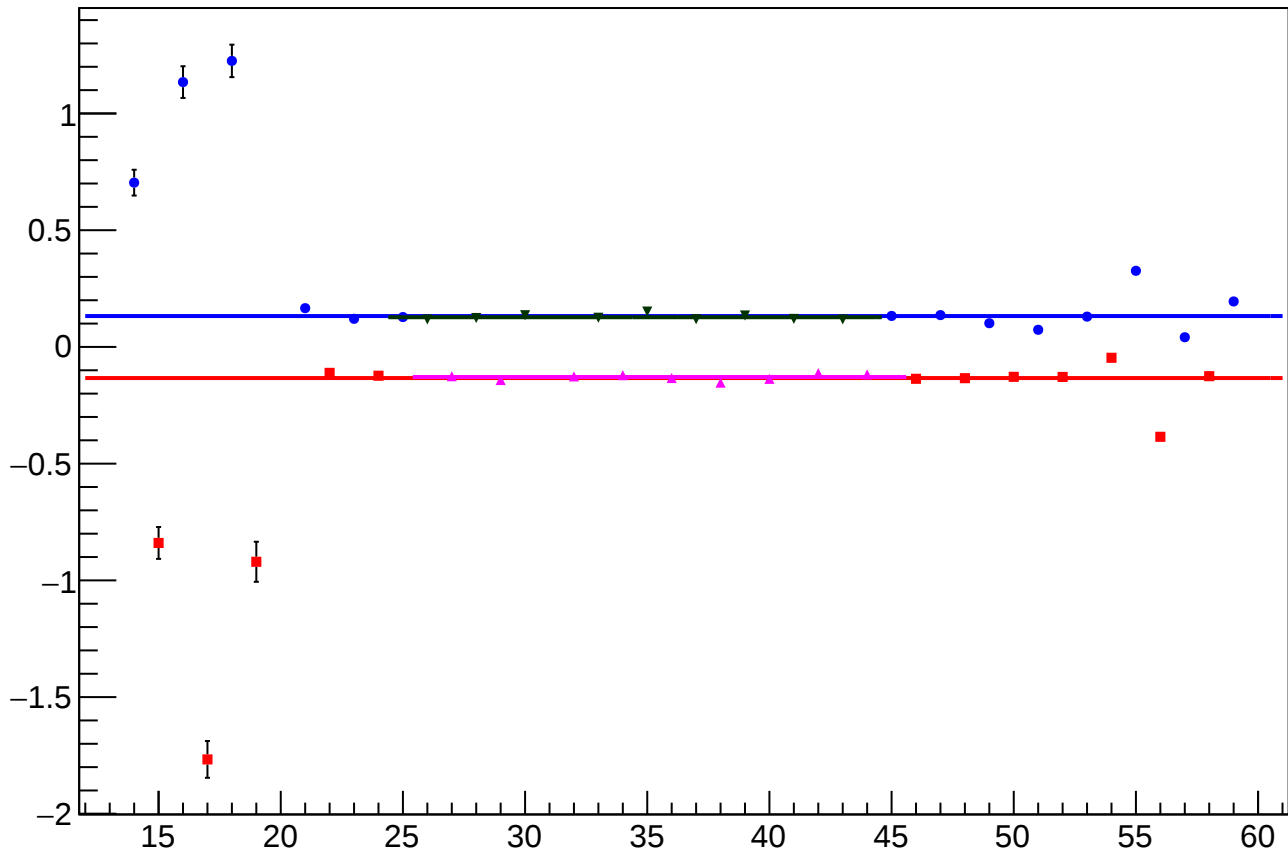
Left Out: 0.206 ± 0.007 χ^2/NDF : 49.8/8

0.019 ± 0.003 χ^2/NDF : 8519.6/43

Right Out: -0.245 ± 0.007 χ^2/NDF : 896.2/11

Left In: -0.184 ± 0.006 χ^2/NDF : 39.0/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.132 ± 0.001 $\chi^2/\text{NDF}: 2783.1/13$

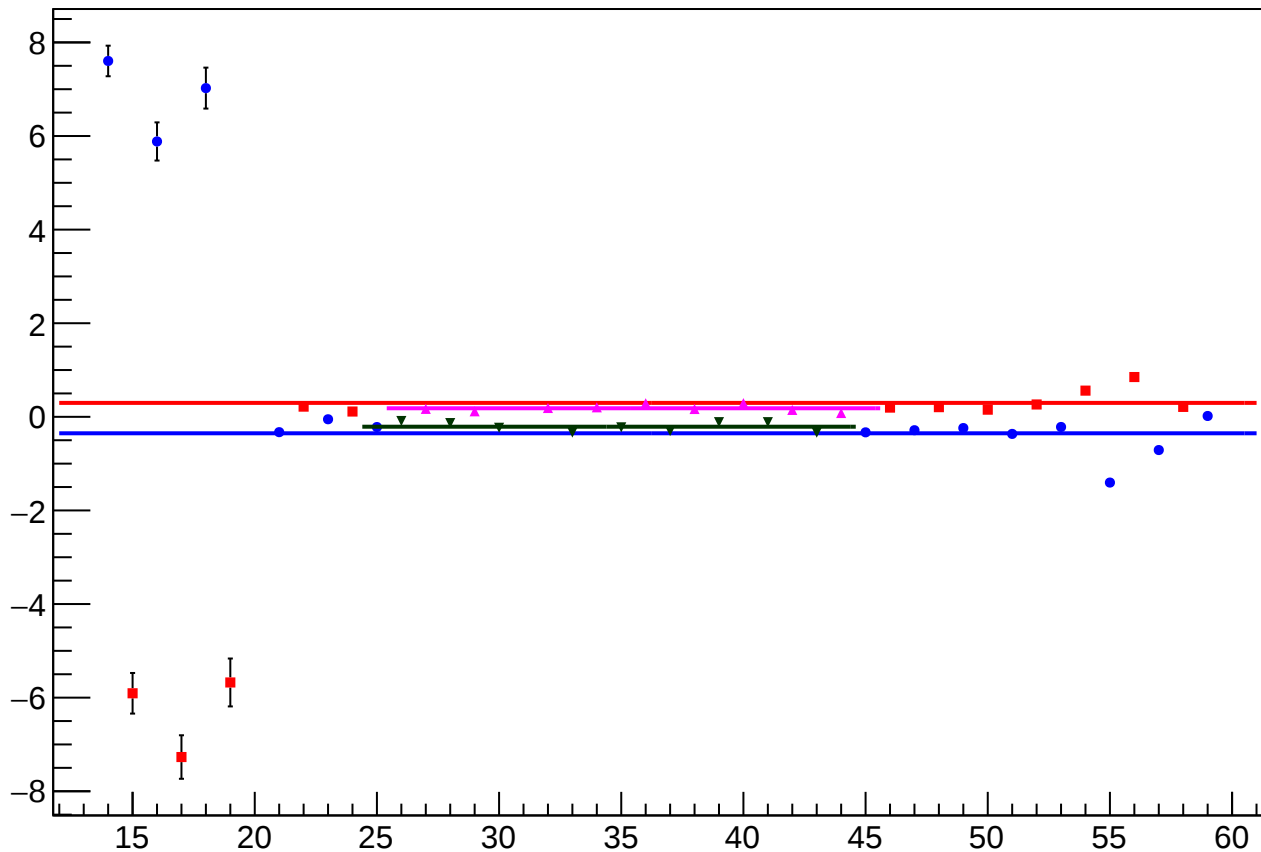
Left Out: 0.127 ± 0.001 $\chi^2/\text{NDF}: 49.9/8$

0.003 ± 0.001 $\chi^2/\text{NDF}: 39598.6/43$

Right Out: -0.133 ± 0.002 $\chi^2/\text{NDF}: 3108.1/11$

Left In: -0.129 ± 0.001 $\chi^2/\text{NDF}: 62.0/8$

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.352 ± 0.009 χ^2/NDF : 2469.4/13

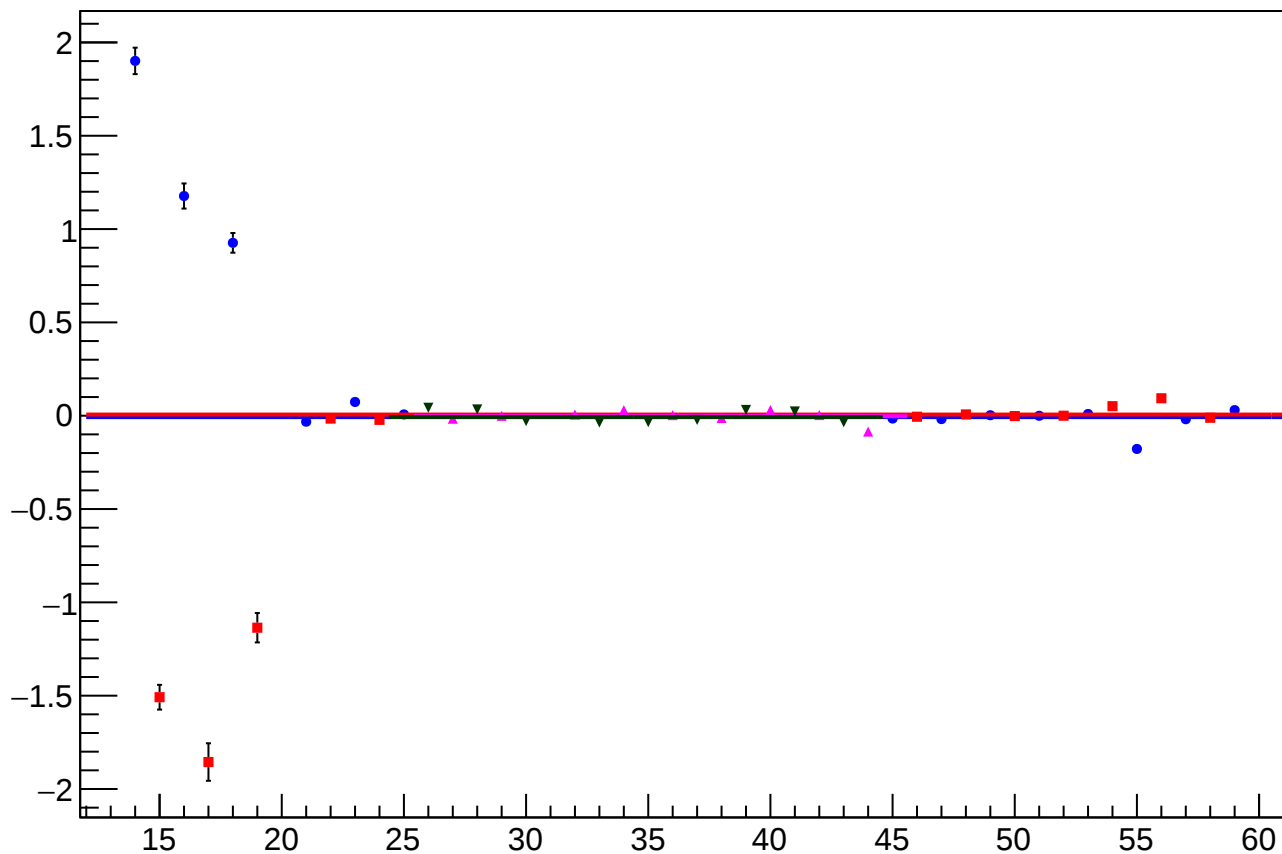
Left Out: -0.211 ± 0.011 χ^2/NDF : 72.2/8

Right Out: 0.298 ± 0.011 χ^2/NDF : 999.4/11

Left In: 0.183 ± 0.010 χ^2/NDF : 42.4/8

-0.035 ± 0.005 χ^2/NDF : 6478.3/43

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.007 ± 0.002 χ^2/NDF : 2206.0/13

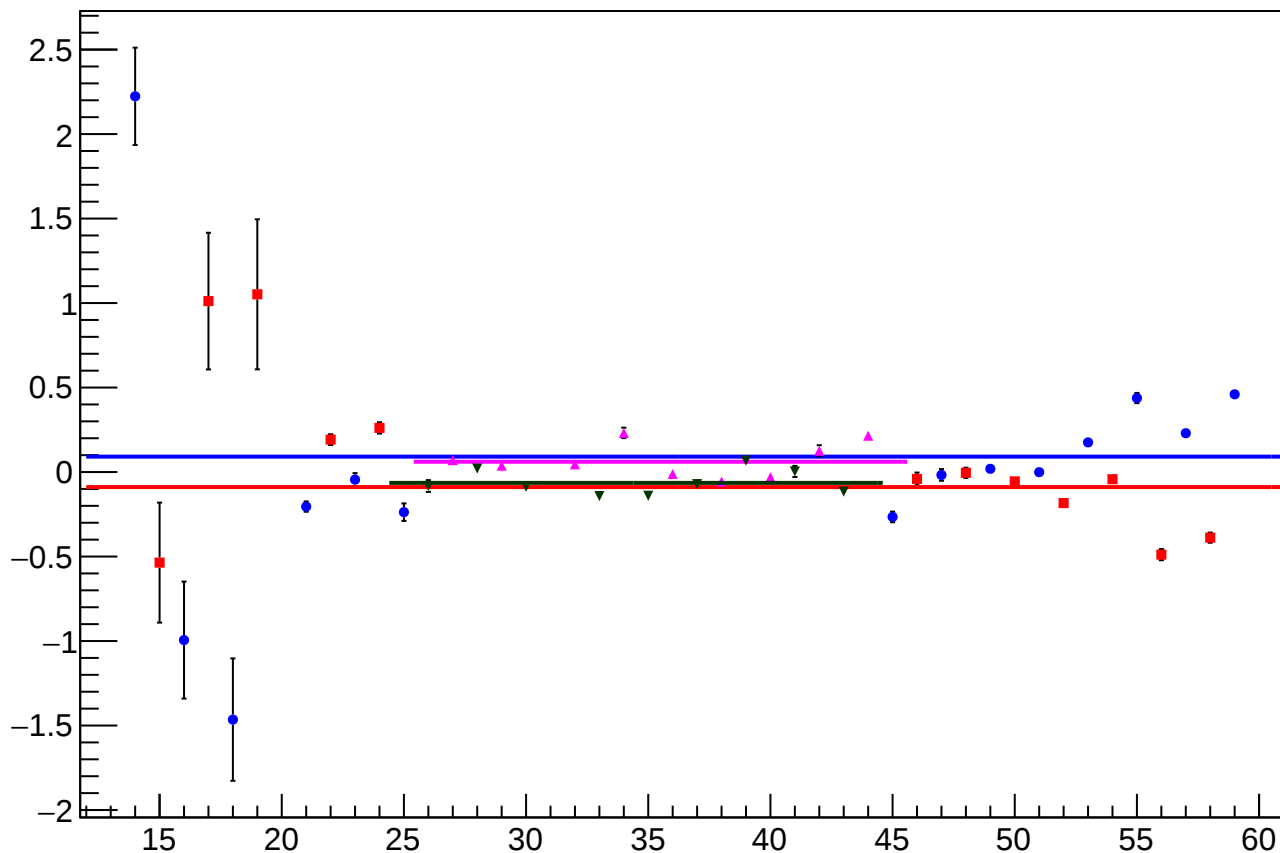
Left Out: -0.007 ± 0.002 χ^2/NDF : 270.8/8

Right Out: 0.006 ± 0.002 χ^2/NDF : 1335.4/11

Left In: -0.002 ± 0.002 χ^2/NDF : 272.2/8

-0.003 ± 0.001 χ^2/NDF : 4116.8/43

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.091+/-0.008 χ^2/NDF : 808.6/13

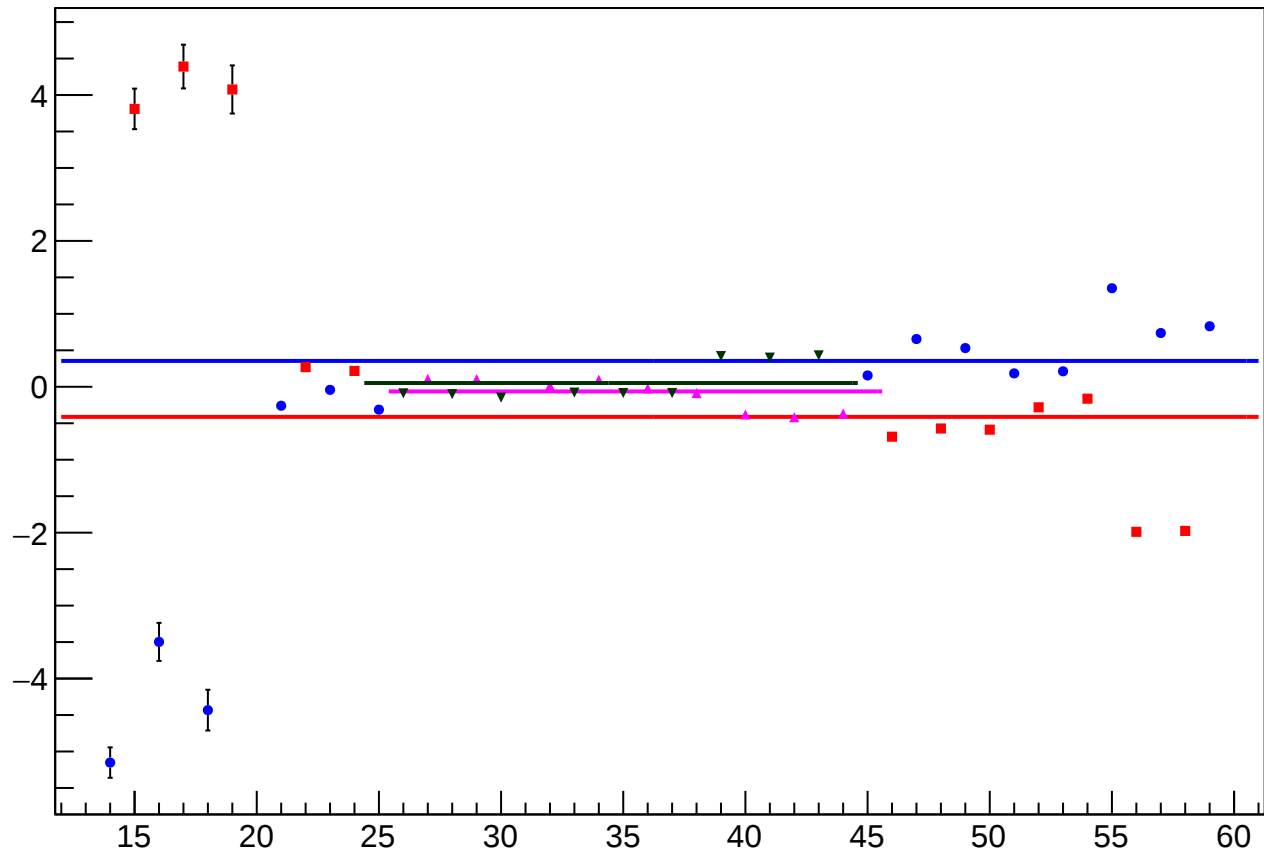
Left Out: -0.064+/-0.010 χ^2/NDF : 53.5/8

Right Out: -0.089+/-0.010 χ^2/NDF : 481.7/11

Left In: 0.061+/-0.009 χ^2/NDF : 96.2/8

0.009+/-0.004 χ^2/NDF : 1741.1/43

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.355 ± 0.007 $\chi^2/\text{NDF}: 4489.7/13$

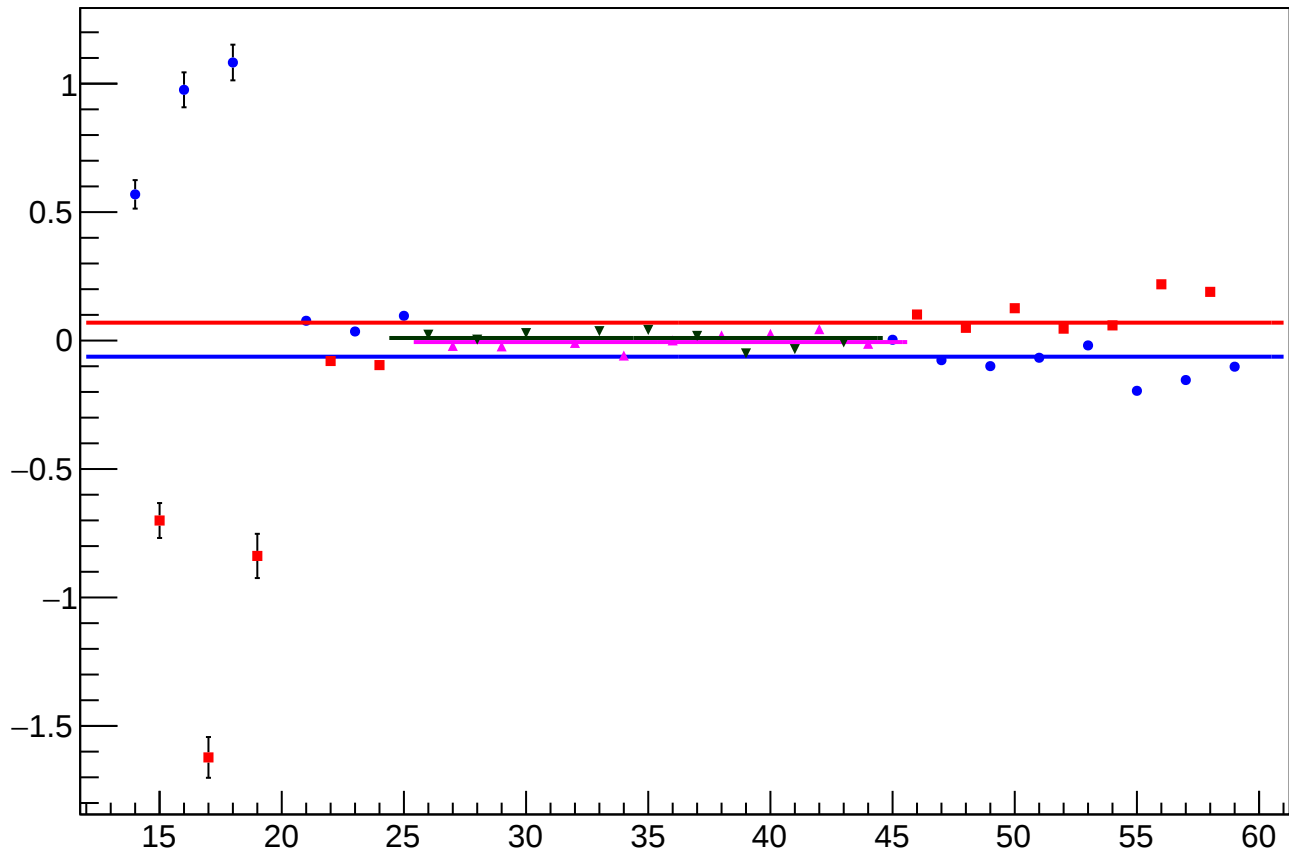
Left Out: 0.052 ± 0.007 $\chi^2/\text{NDF}: 1112.2/8$

0.001 ± 0.003 $\chi^2/\text{NDF}: 19525.5/43$

Right Out: -0.413 ± 0.007 $\chi^2/\text{NDF}: 6818.0/11$

Left In: -0.063 ± 0.006 $\chi^2/\text{NDF}: 919.9/8$

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.063 ± 0.001 χ^2/NDF : 3311.7/13

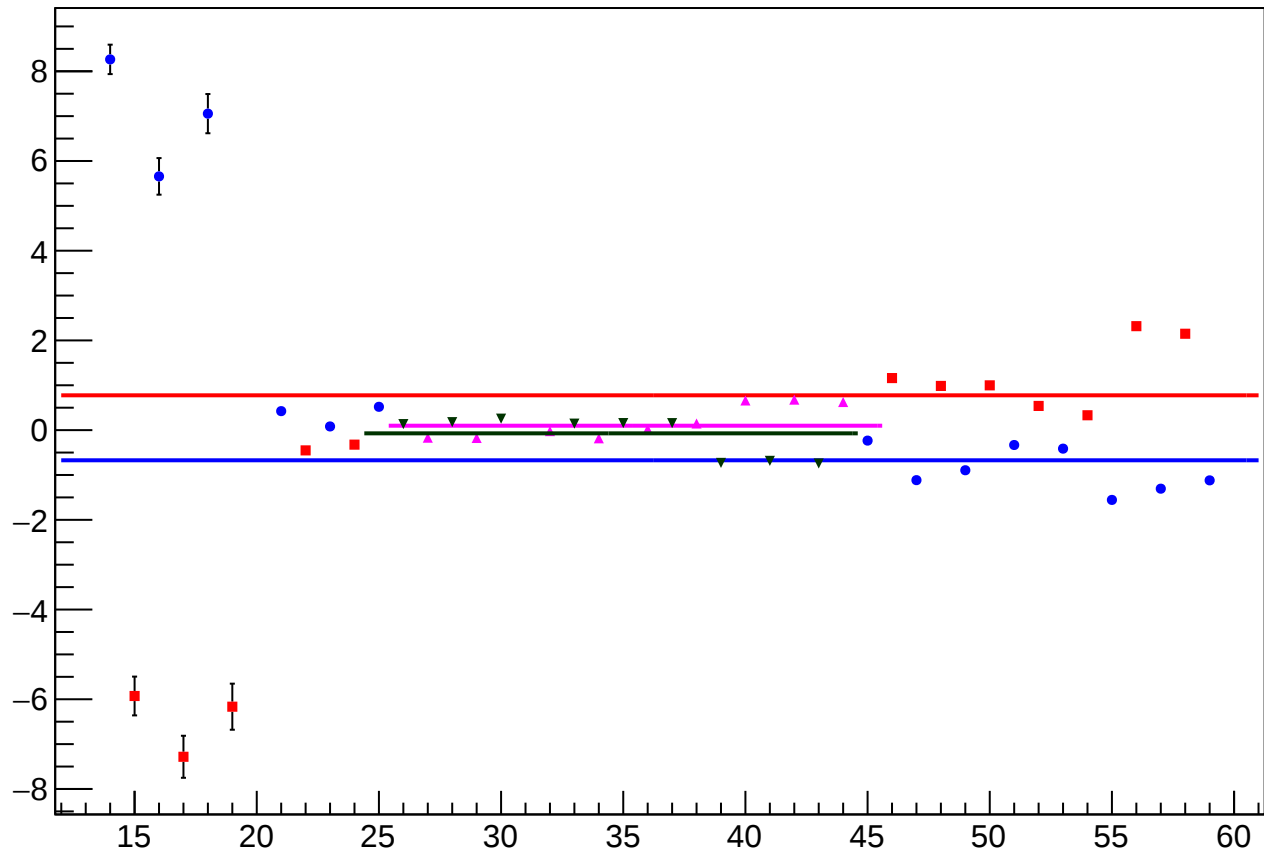
Left Out: 0.010 ± 0.002 χ^2/NDF : 343.5/8

-0.001 ± 0.001 χ^2/NDF : 11157.8/43

Right Out: 0.070 ± 0.002 χ^2/NDF : 3532.0/11

Left In: -0.006 ± 0.001 χ^2/NDF : 288.4/8

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.672 ± 0.010 χ^2/NDF : 4692.3/13

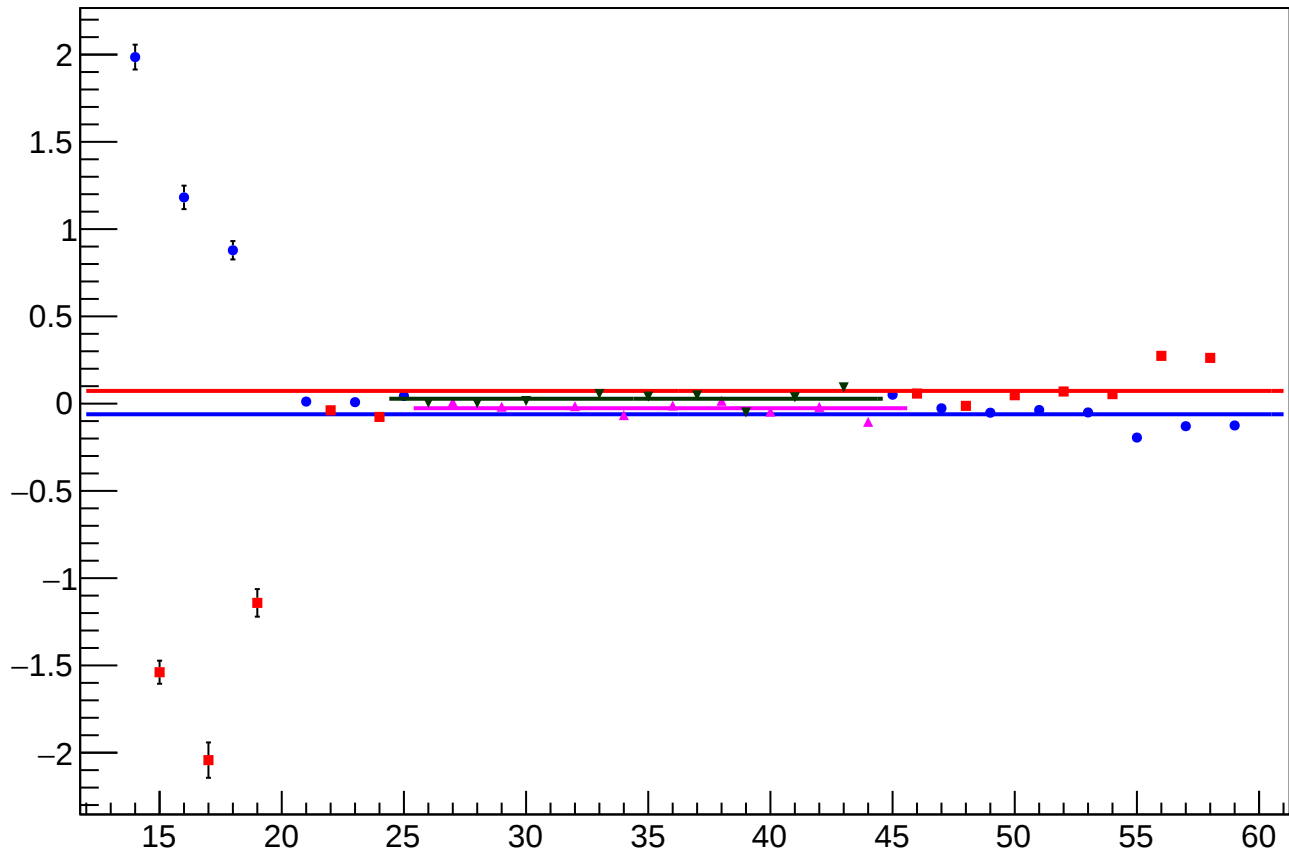
Left Out: -0.072 ± 0.012 χ^2/NDF : 1160.0/8

-0.012 ± 0.005 χ^2/NDF : 22156.2/43

Right Out: 0.776 ± 0.011 χ^2/NDF : 6073.4/11

Left In: 0.099 ± 0.011 χ^2/NDF : 947.3/8

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.061 ± 0.002 $\chi^2/\text{NDF}: 2677.1/13$

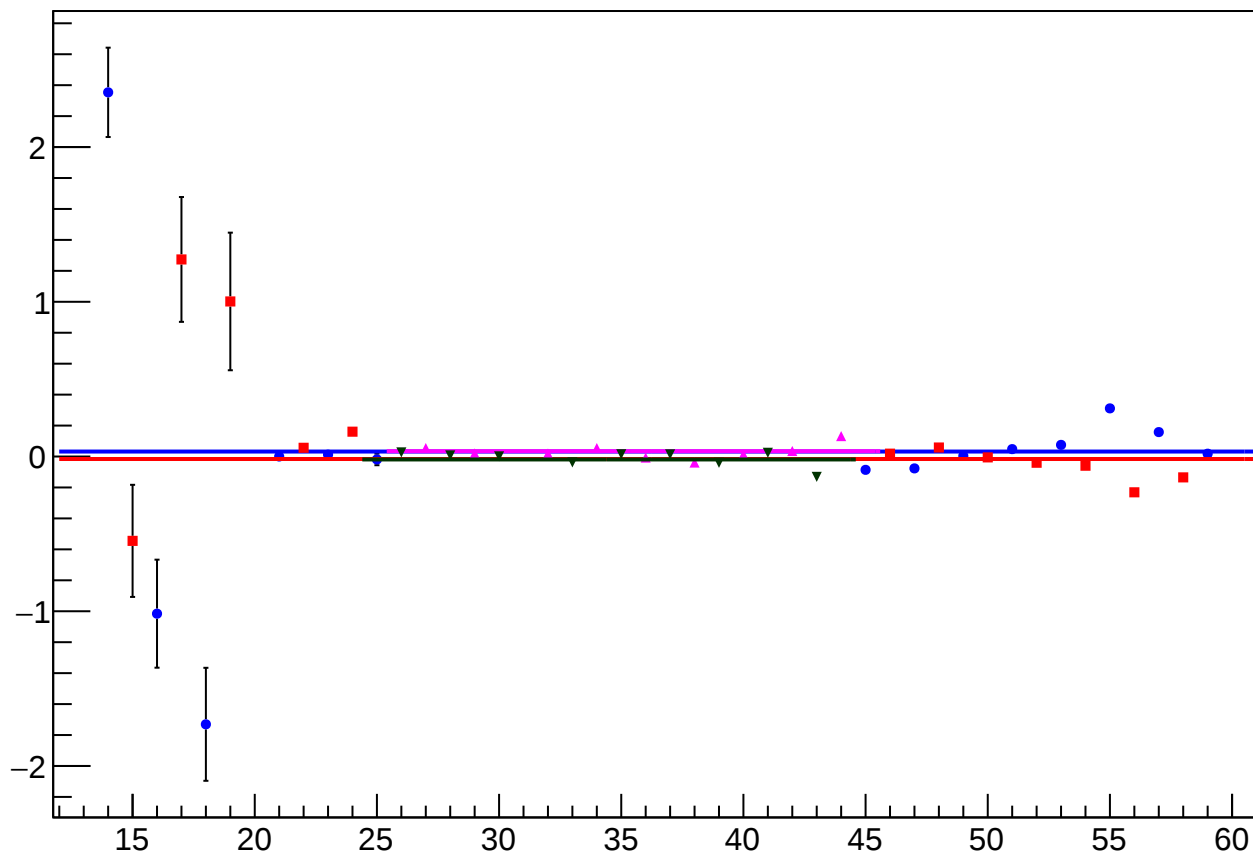
Left Out: 0.028 ± 0.002 $\chi^2/\text{NDF}: 276.2/8$

0.001 ± 0.001 $\chi^2/\text{NDF}: 9553.6/43$

Right Out: 0.073 ± 0.002 $\chi^2/\text{NDF}: 3862.5/11$

Left In: -0.026 ± 0.002 $\chi^2/\text{NDF}: 232.3/8$

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.032 ± 0.006 χ^2/NDF : 339.4/13

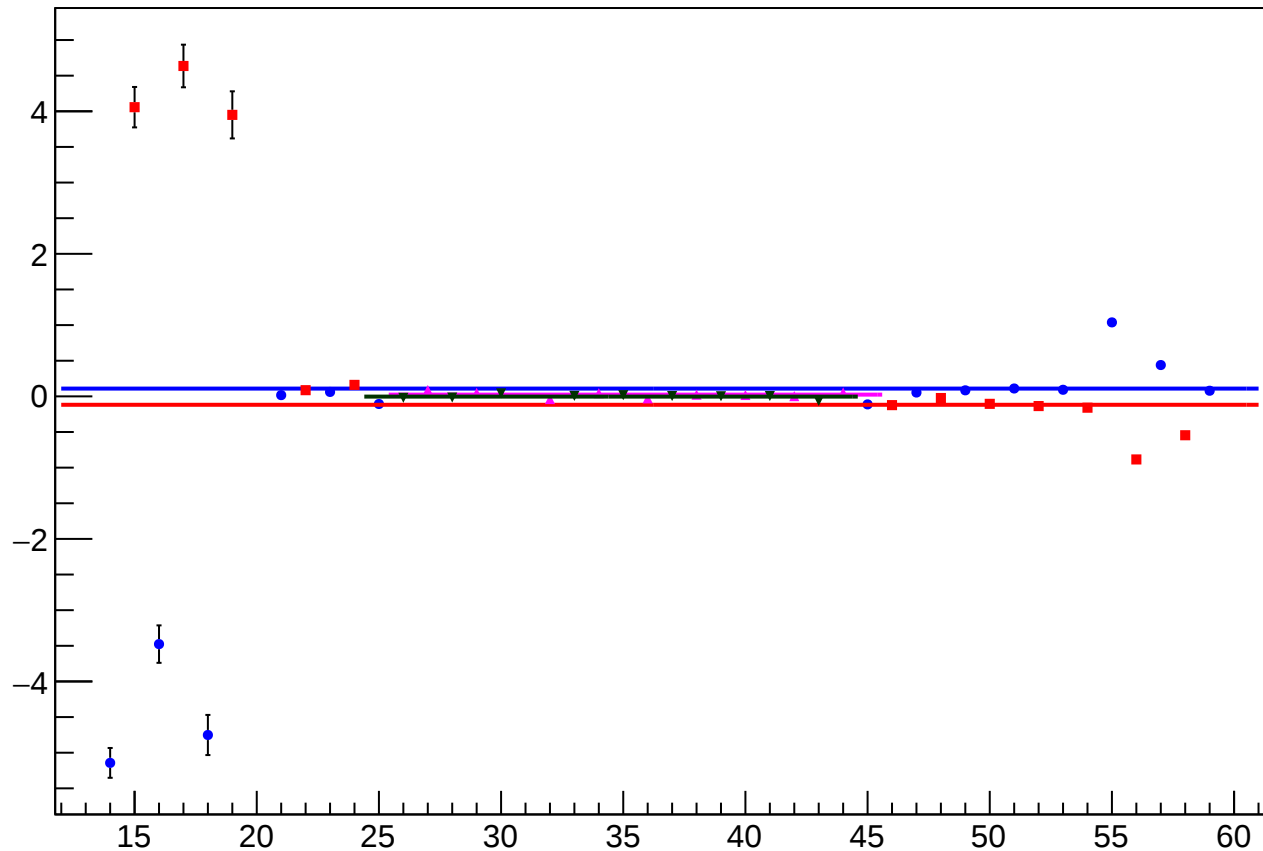
Left Out: -0.019 ± 0.007 χ^2/NDF : 53.8/8

Right Out: -0.016 ± 0.007 χ^2/NDF : 199.3/11

Left In: 0.034 ± 0.006 χ^2/NDF : 46.4/8

0.011 ± 0.003 χ^2/NDF : 698.3/43

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.109 ± 0.005 χ^2/NDF : 3234.6/13

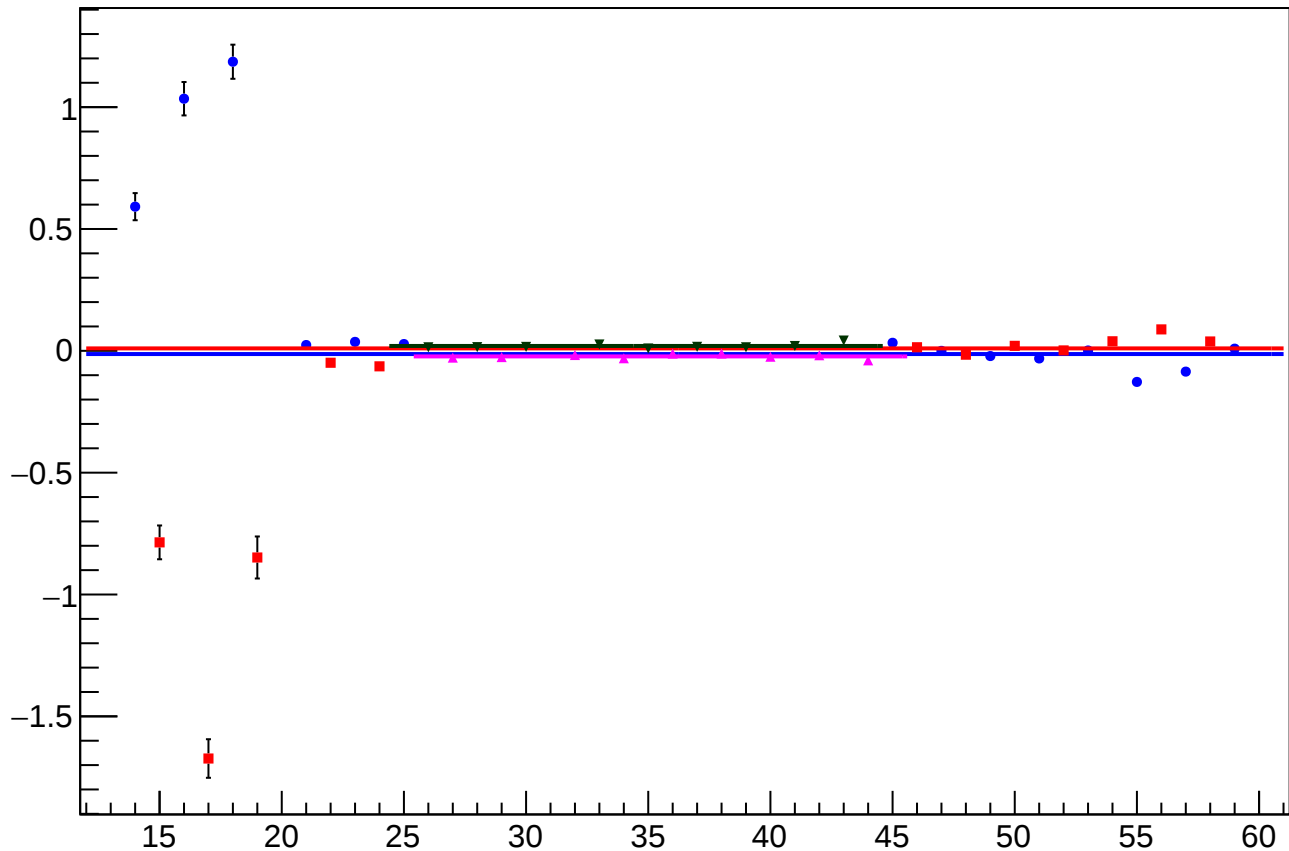
Left Out: -0.003 ± 0.005 χ^2/NDF : 29.9/8

Right Out: -0.118 ± 0.005 χ^2/NDF : 2057.5/11

Left In: 0.024 ± 0.005 χ^2/NDF : 75.1/8

0.011 ± 0.003 χ^2/NDF : 6400.0/43

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.013+/-0.001 χ^2/NDF : 2323.5/13

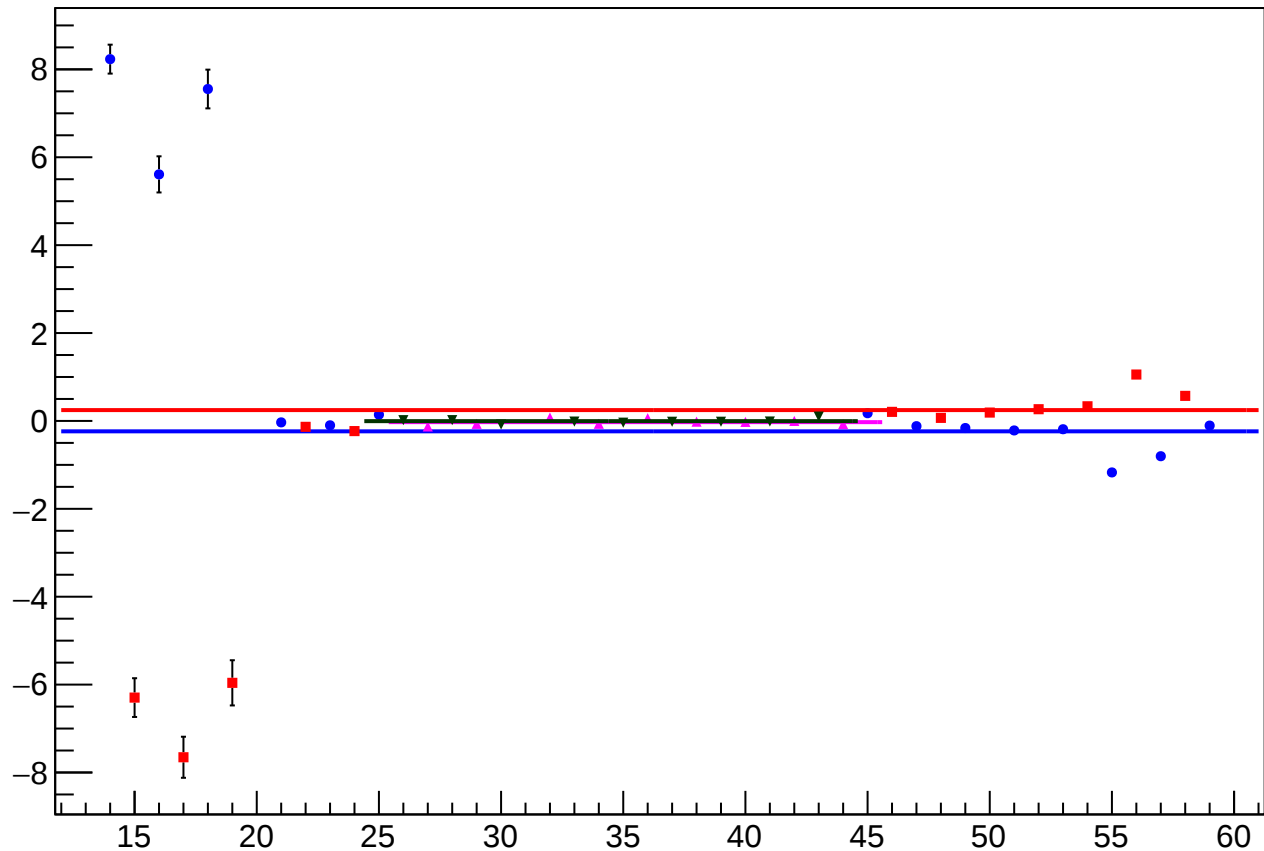
Left Out: 0.020+/-0.001 χ^2/NDF : 70.9/8

-0.003+/-0.001 χ^2/NDF : 5056.2/43

Right Out: 0.010+/-0.001 χ^2/NDF : 1661.8/11

Left In: -0.023+/-0.001 χ^2/NDF : 60.5/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.237 ± 0.007 χ^2/NDF : 3507.7/13

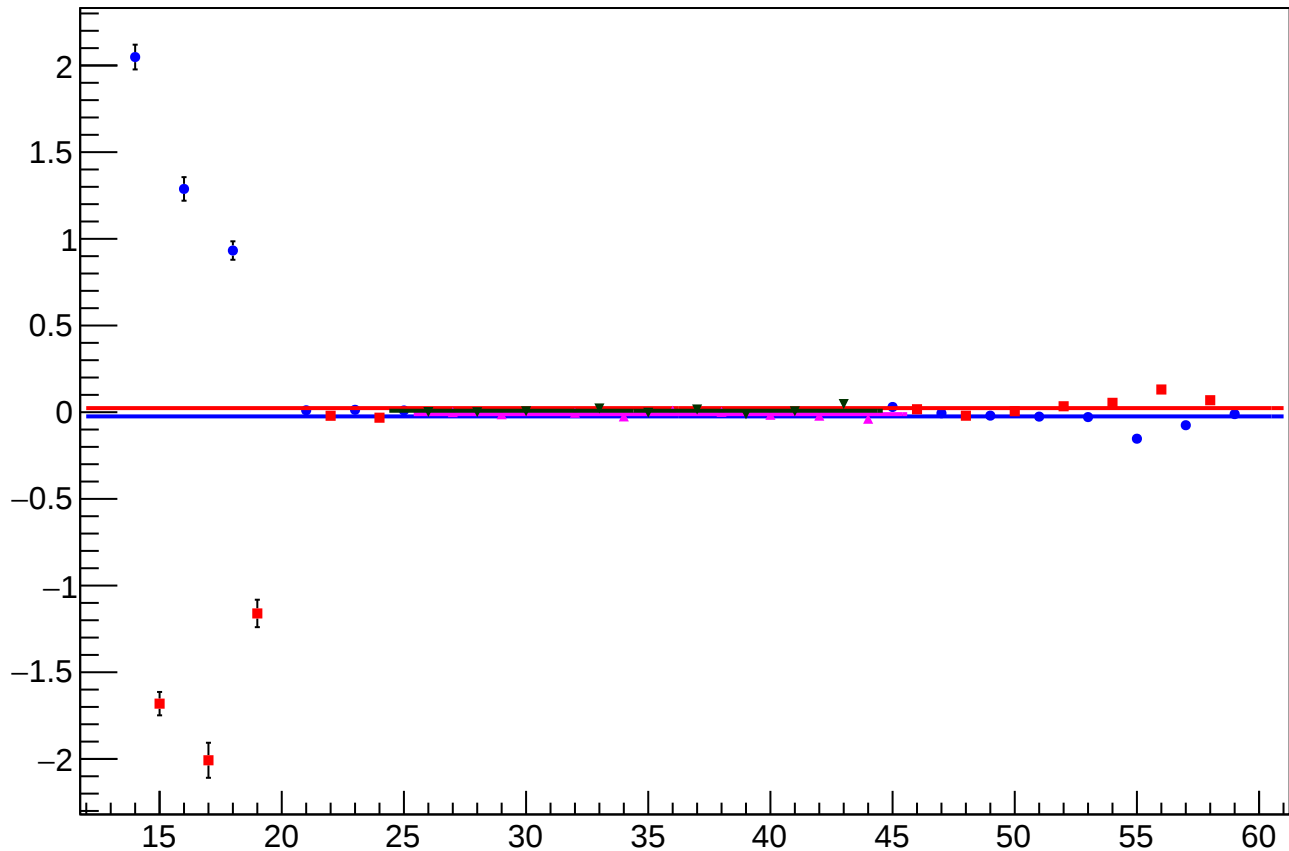
Left Out: -0.005 ± 0.009 χ^2/NDF : 29.5/8

-0.022 ± 0.004 χ^2/NDF : 7498.1/43

Right Out: 0.247 ± 0.008 χ^2/NDF : 2019.7/11

Left In: -0.028 ± 0.008 χ^2/NDF : 72.1/8

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.024 ± 0.001 χ^2/NDF : 2530.3/13

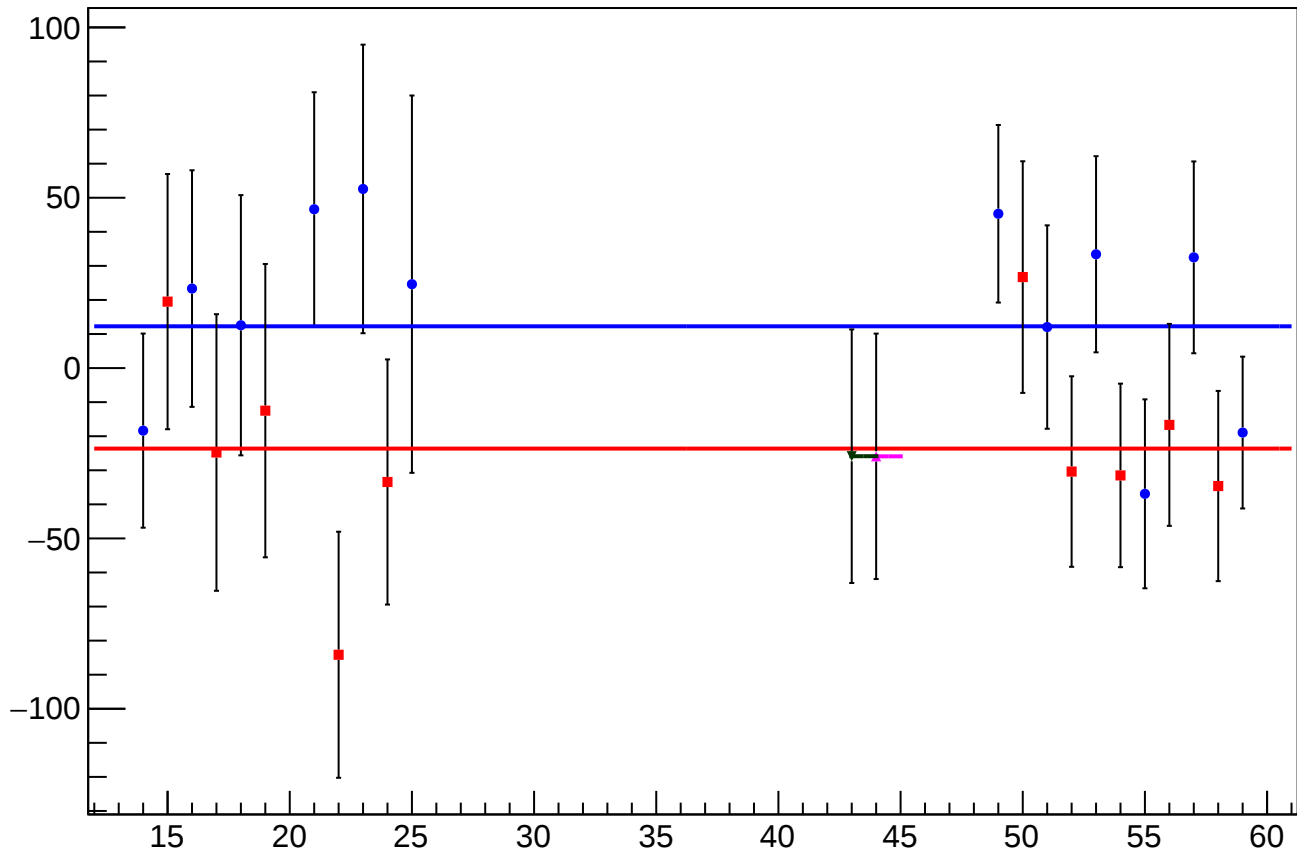
Left Out: 0.008 ± 0.002 χ^2/NDF : 114.0/8

Right Out: 0.024 ± 0.002 χ^2/NDF : 2078.5/11

Left In: -0.011 ± 0.002 χ^2/NDF : 77.1/8

-0.002 ± 0.001 χ^2/NDF : 5389.5/43

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 12.263+/-8.820 χ^2/NDF : 11.0/11

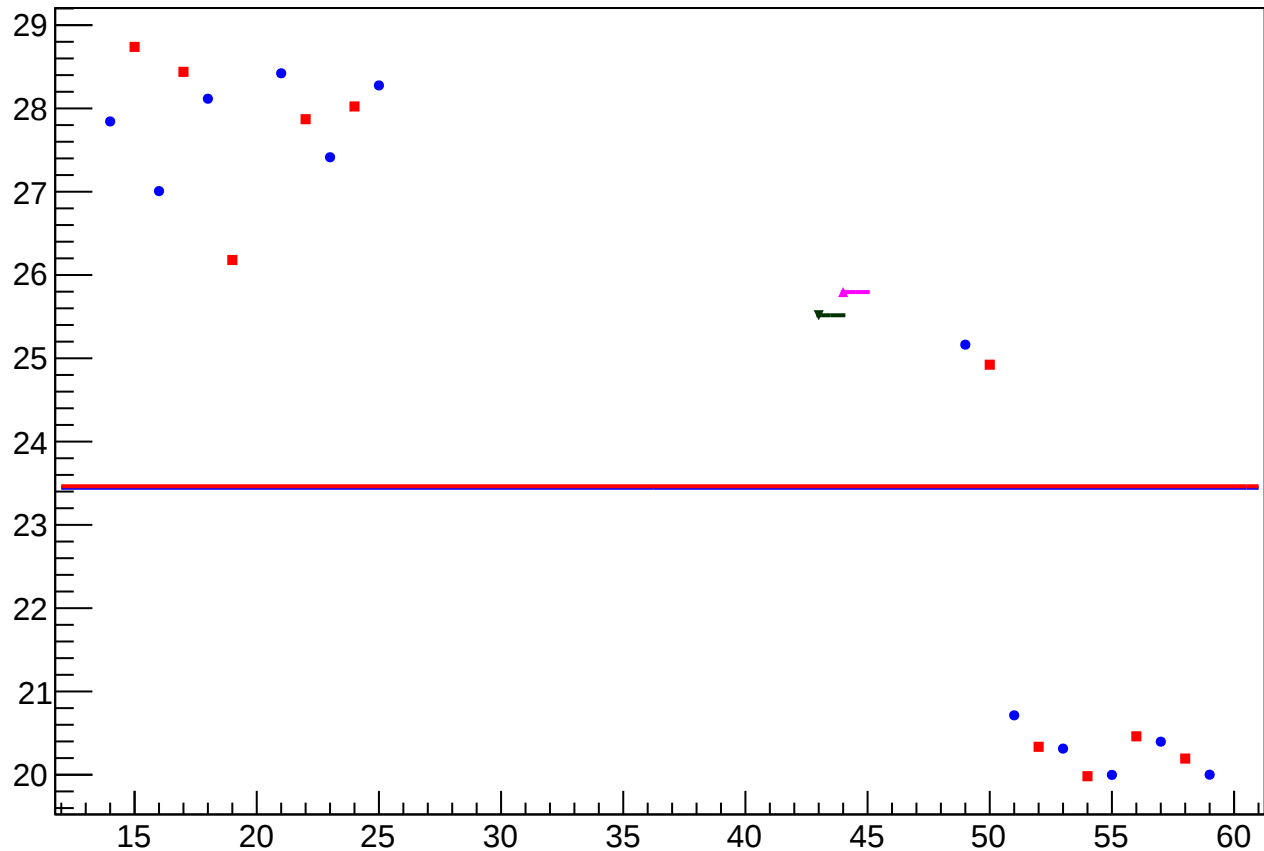
Left Out: -25.864+/-37.215 χ^2/NDF : 0.0/0

Right Out: -23.629+/-10.346 χ^2/NDF : 6.8/9

Left In: -25.900+/-36.022 χ^2/NDF : 0.0/0

-4.294+/-6.497 χ^2/NDF : 25.5/23

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 23.446 $\pm$ 0.006 χ^2 /NDF: 324652.2/11

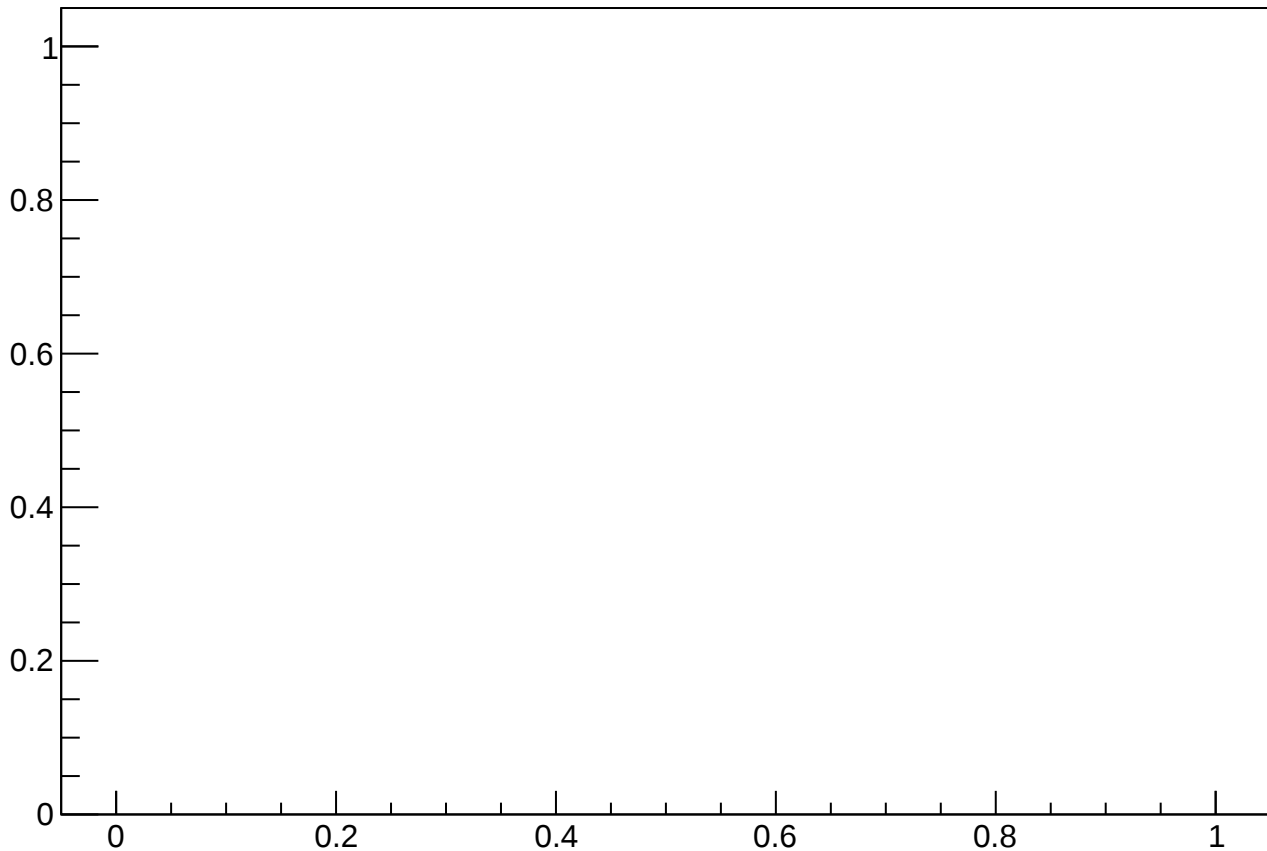
Left Out: 25.517 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Right Out: 23.464 $\pm$ 0.007 χ^2 /NDF: 249638.2/9

Left In: 25.795 $\pm$ 0.025 χ^2 /NDF: 0.0/0

23.592 $\pm$ 0.005 χ^2 /NDF: 587981.1/23

bcm_dg_us_dg_ds_avg_mean vs slug



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

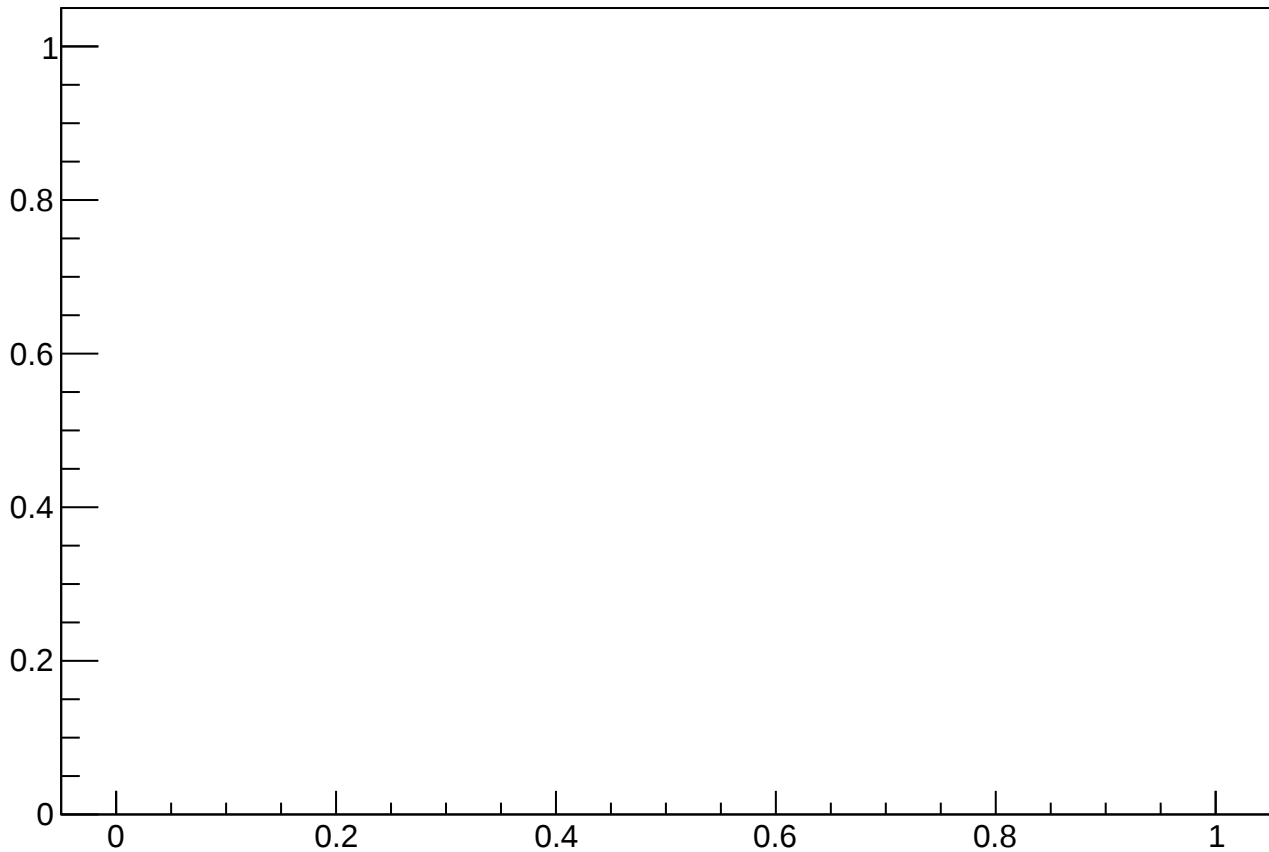
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_dg_ds_avg_rms vs slug



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

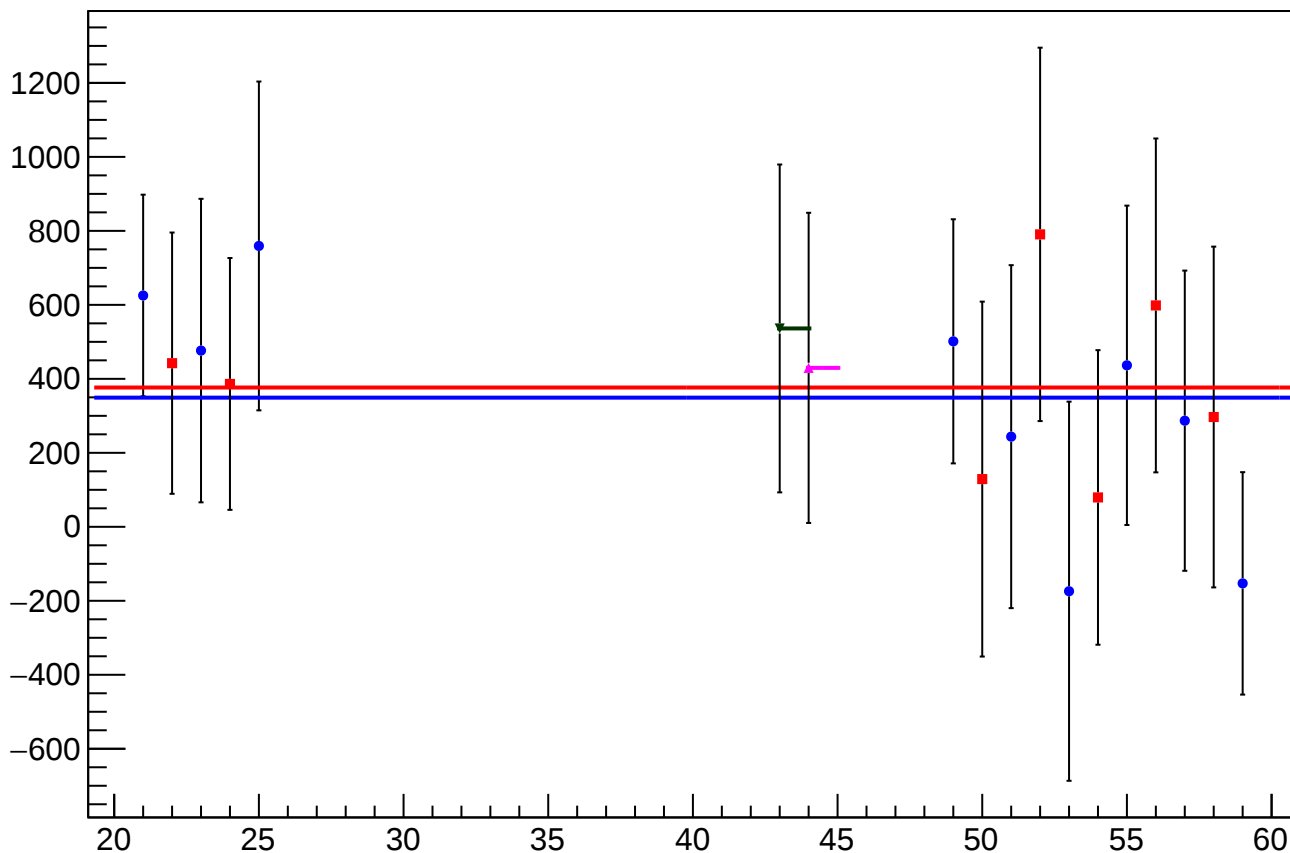
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 349.163+/-124.407 χ^2/NDF : 6.1/8

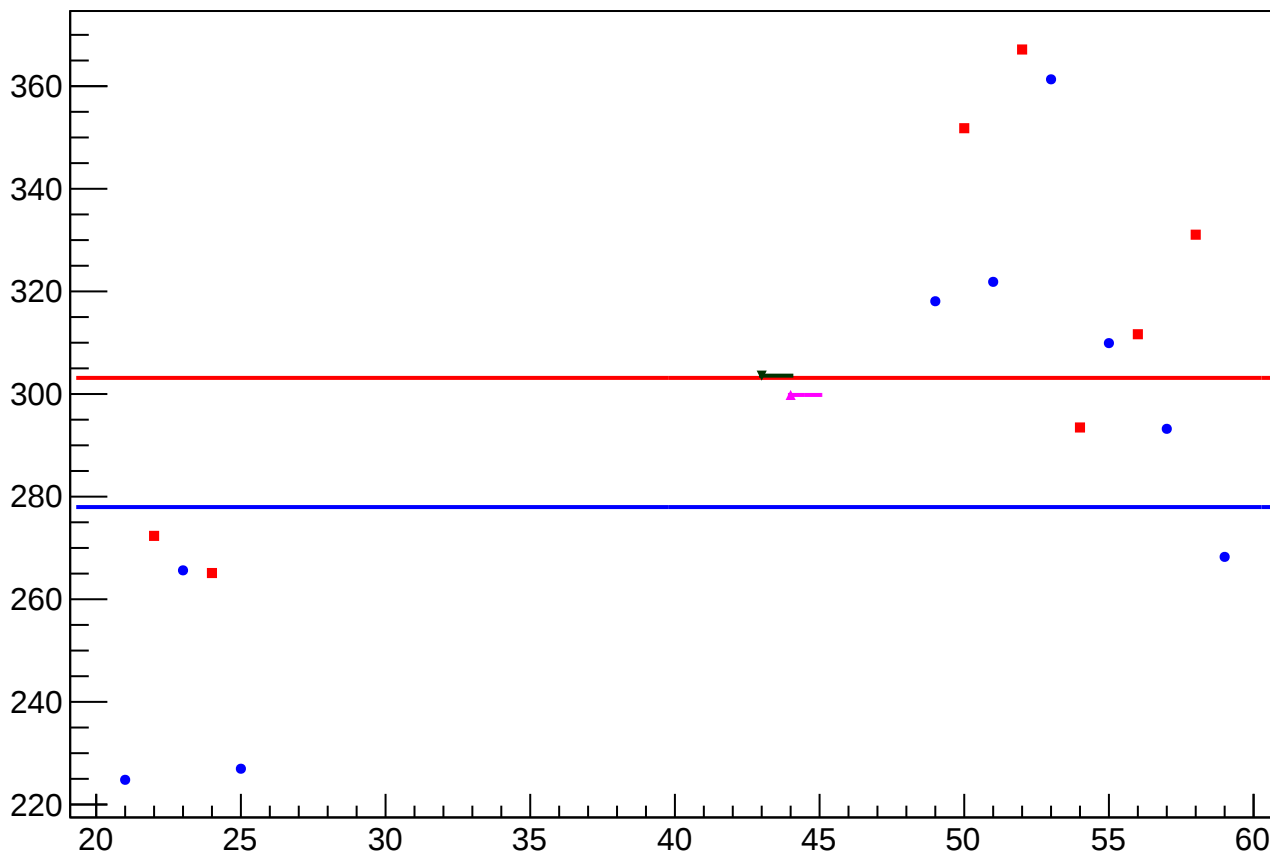
Left Out: 536.234+/-443.159 χ^2/NDF : 0.0/0

Right Out: 376.554+/-156.457 χ^2/NDF : 1.8/6

Left In: 429.667+/-419.215 χ^2/NDF : 0.0/0

370.924+/-92.749 χ^2/NDF : 8.1/17

asym_us_agg_avg_rms vs slug



Right In: 277.968+/-0.088 χ^2/NDF : 220486.8/8

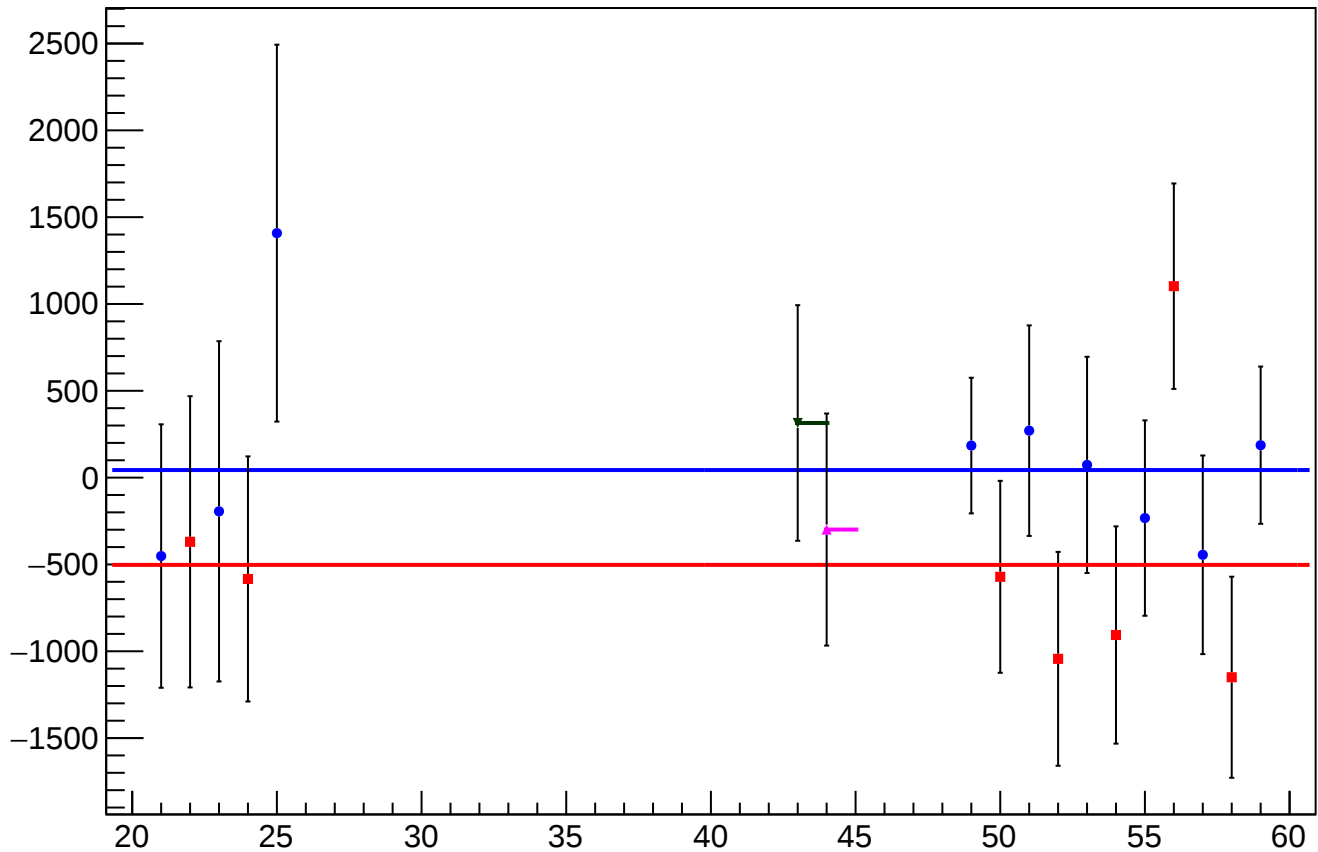
Left Out: 303.582+/-0.313 χ^2/NDF : 0.0/0

Right Out: 303.143+/-0.111 χ^2/NDF : 102147.6/6

Left In: 299.820+/-0.296 χ^2/NDF : 0.0/0

289.007+/-0.066 χ^2/NDF : 358203.3/17

asym_us_agg_dd_mean vs slug



Right In: 43.647 $\pm$ 193.983 χ^2 /NDF: 3.4/8

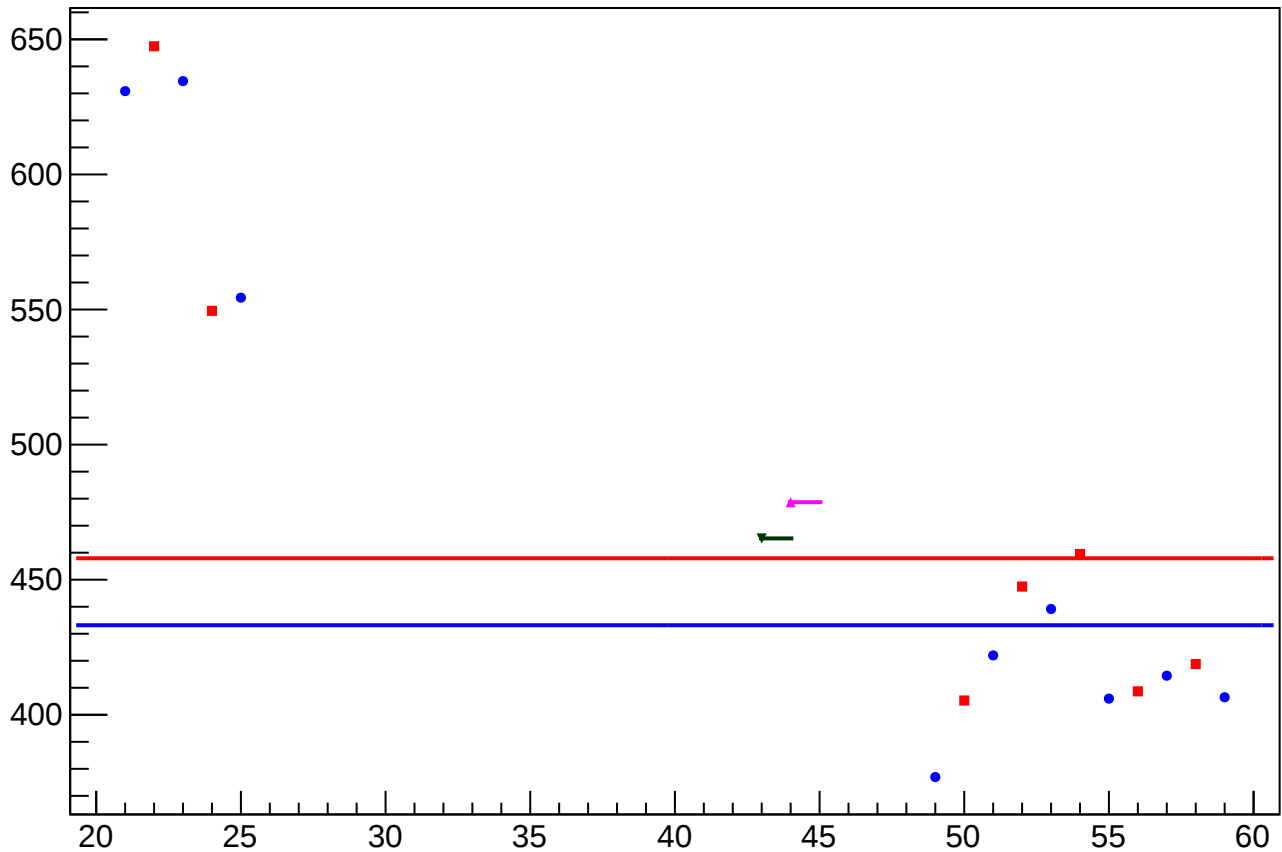
Left Out: 314.697 $\pm$ 678.402 χ^2 /NDF: 0.0/0

-158.836 $\pm$ 143.266 χ^2 /NDF: 17.0/17

Right Out: -502.585 $\pm$ 237.466 χ^2 /NDF: 9.9/6

Left In: -299.068 $\pm$ 668.301 χ^2 /NDF: 0.0/0

asym_us_agg_dd_rms vs slug



Right In: 433.157+/-0.137 χ^2/NDF : 301252.1/8

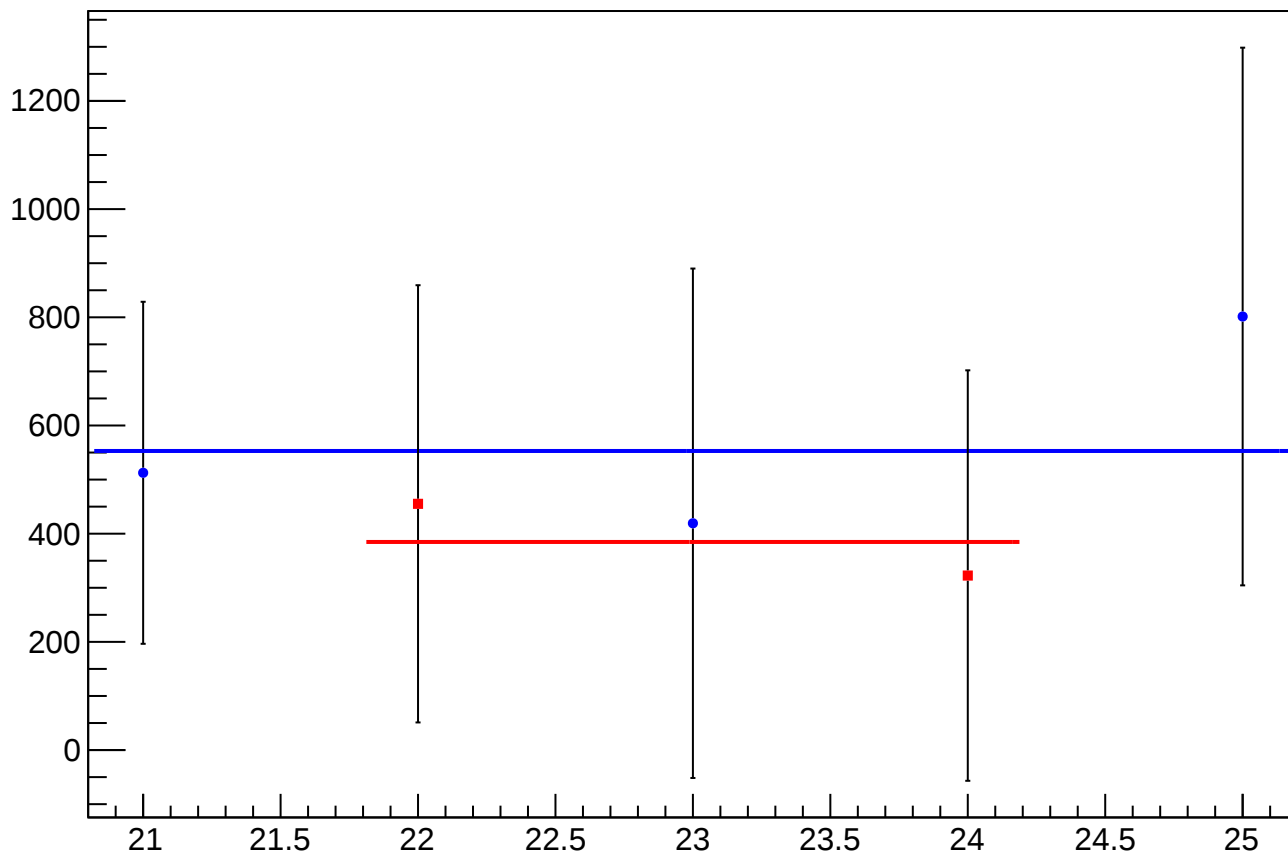
Left Out: 465.287+/-0.480 χ^2/NDF : 0.0/0

445.702+/-0.101 χ^2/NDF : 498997.5/17

Right Out: 457.937+/-0.168 χ^2/NDF : 177531.8/6

Left In: 478.688+/-0.473 χ^2/NDF : 0.0/0

asym_ds_agg_avg_mean vs slug



Right In: 552.891 $\pm$ 232.087 χ^2 /NDF: 0.3/2

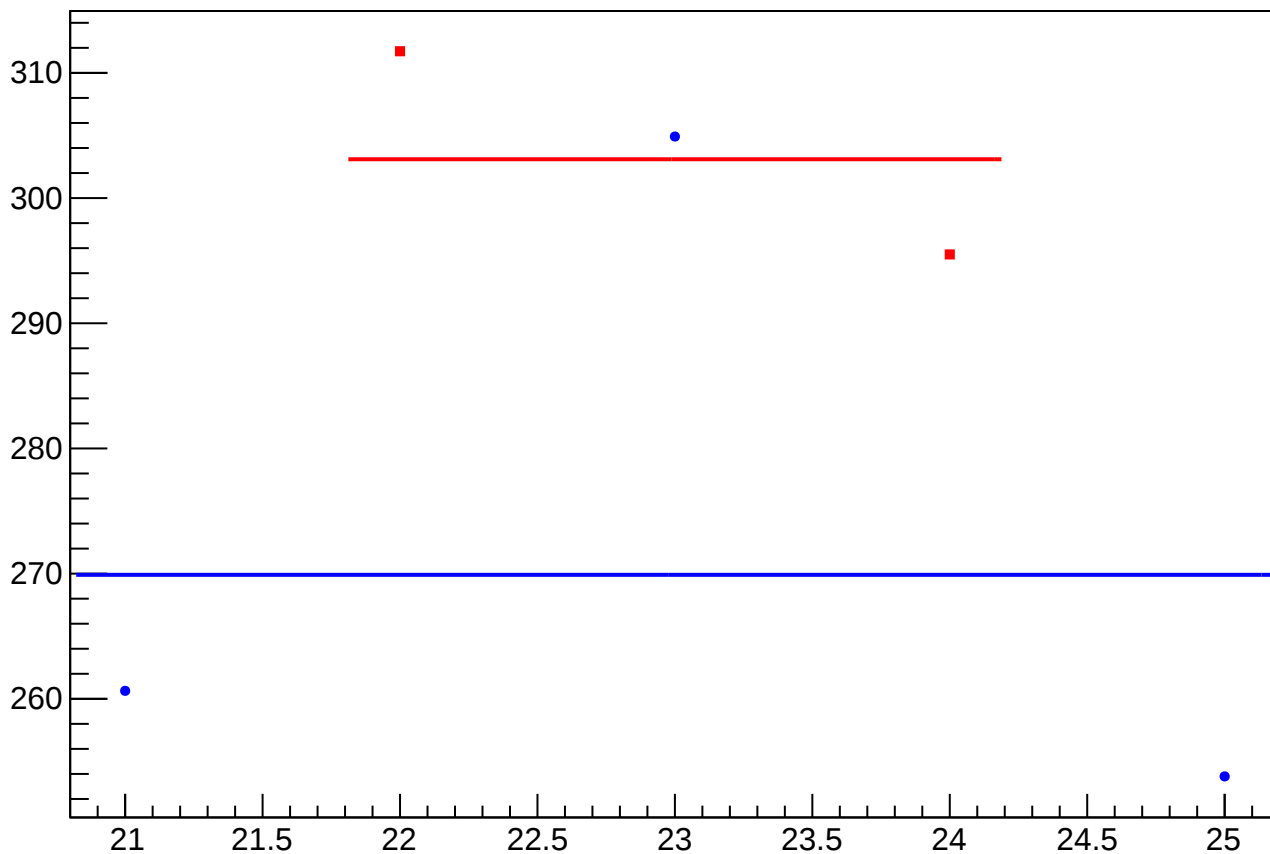
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 384.707 $\pm$ 276.605 χ^2 /NDF: 0.1/1

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

483.405 $\pm$ 177.793 χ^2 /NDF: 0.6/4

asym_ds_agg_avg_rms vs slug



Right In: 269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

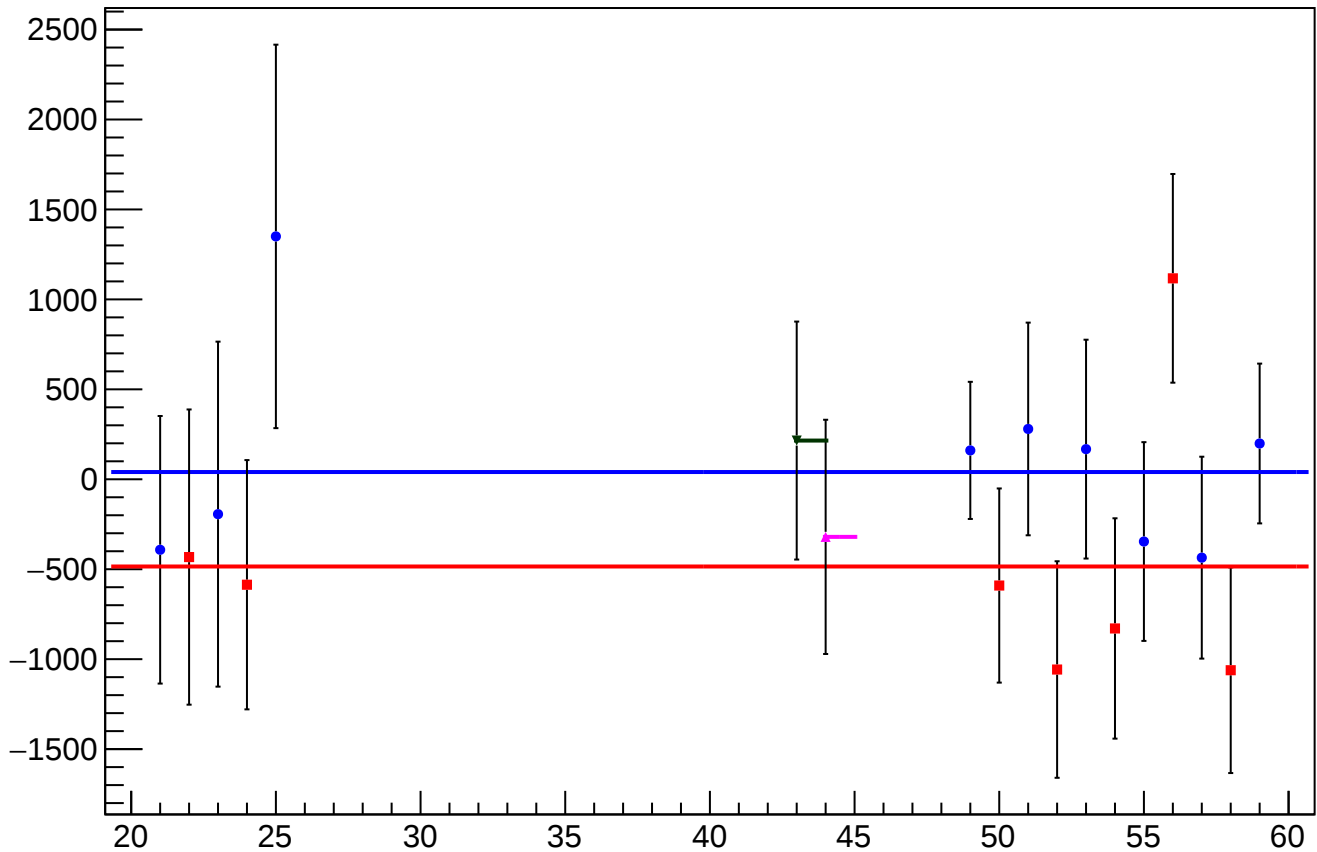
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.621 $\pm$ 0.126 χ^2 /NDF: 33496.2/4

Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

asym_ds_agg_dd_mean vs slug



Right In: 40.318 ± 189.847 $\chi^2/\text{NDF}: 3.6/8$

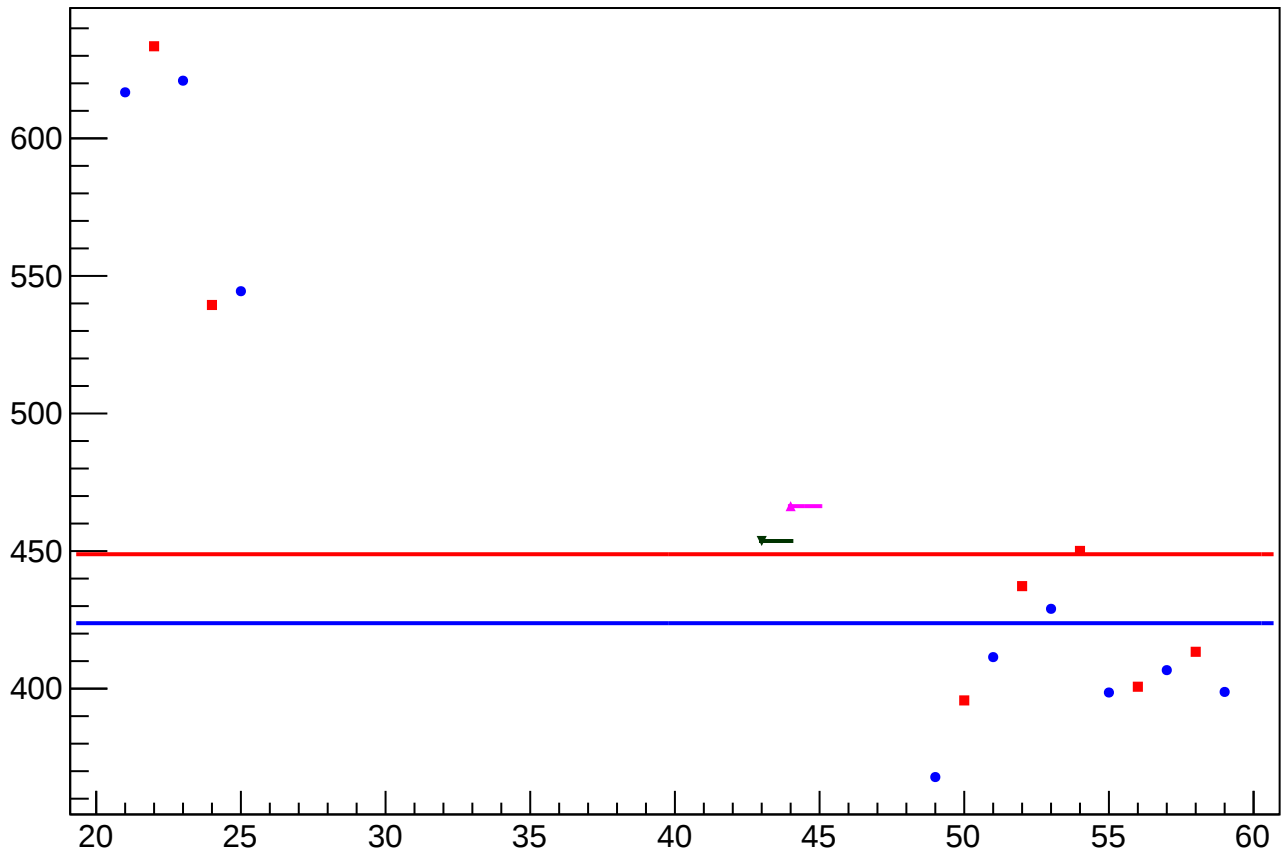
Left Out: 215.223 ± 661.440 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -484.815 ± 232.740 $\chi^2/\text{NDF}: 9.9/6$

Left In: -320.160 ± 651.039 $\chi^2/\text{NDF}: 0.0/0$

-159.189 ± 140.232 $\chi^2/\text{NDF}: 16.9/17$

asym_ds_agg_dd_rms vs slug



Right In: 423.788+/-0.134 χ^2/NDF : 301209.7/8

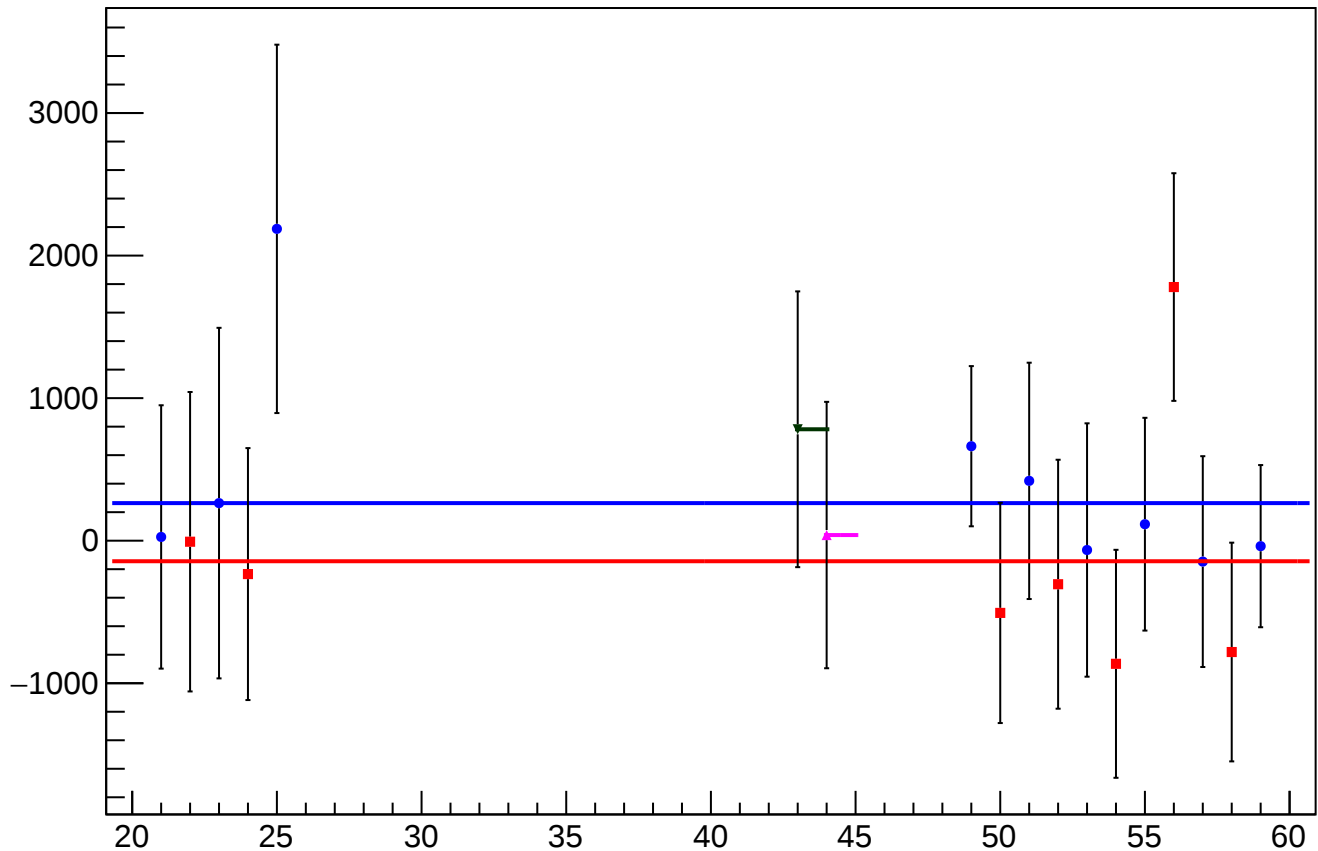
Left Out: 453.660+/-0.468 χ^2/NDF : 0.0/0

436.203+/-0.099 χ^2/NDF : 498399.9/17

Right Out: 448.852+/-0.165 χ^2/NDF : 177054.8/6

Left In: 466.327+/-0.460 χ^2/NDF : 0.0/0

asym_left_agg_avg_mean vs slug



Right In: 263.596 $\pm$ 257.894 χ^2 /NDF: 3.6/8

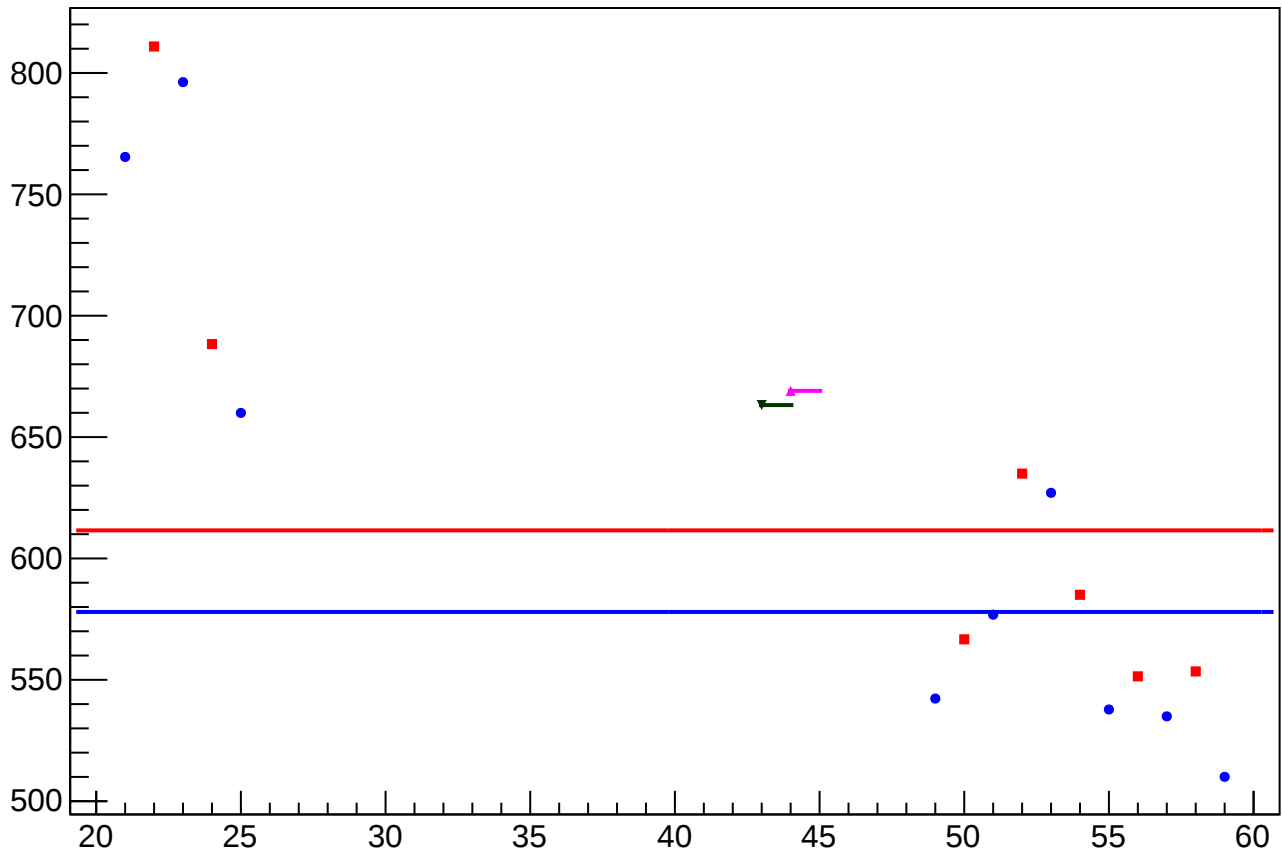
Left Out: 781.614 $\pm$ 967.286 χ^2 /NDF:0.0/0

Right Out: -144.200 $\pm$ 316.155 χ^2 /NDF: 7.6/6

Left In: 39.508 $\pm$ 934.410 χ^2 /NDF:0.0/0

124.797 $\pm$ 191.550 χ^2 /NDF: 12.7/17

asym_left_agg_avg_rms vs slug



Right In: 577.960+/-0.182 χ^2/NDF : 208660.7/8

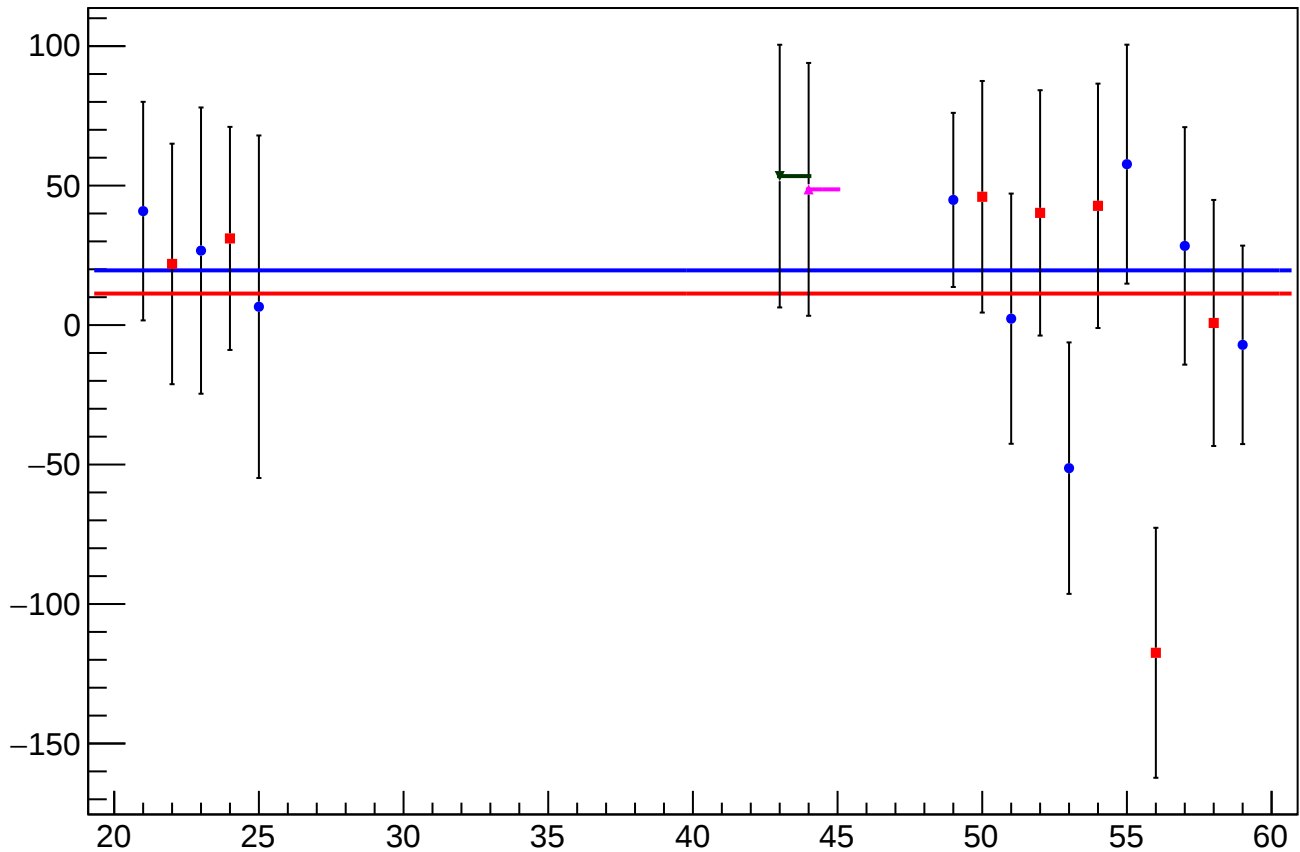
Left Out: 663.190+/-0.684 χ^2/NDF : 0.0/0

597.466+/-0.135 χ^2/NDF : 365389.0/17

Right Out: 611.564+/-0.224 χ^2/NDF : 120340.8/6

Left In: 669.043+/-0.661 χ^2/NDF : 0.0/0

asym_left_agg_dd_mean vs slug



Right In: 19.607+/-13.868 χ^2/NDF : 5.0/8

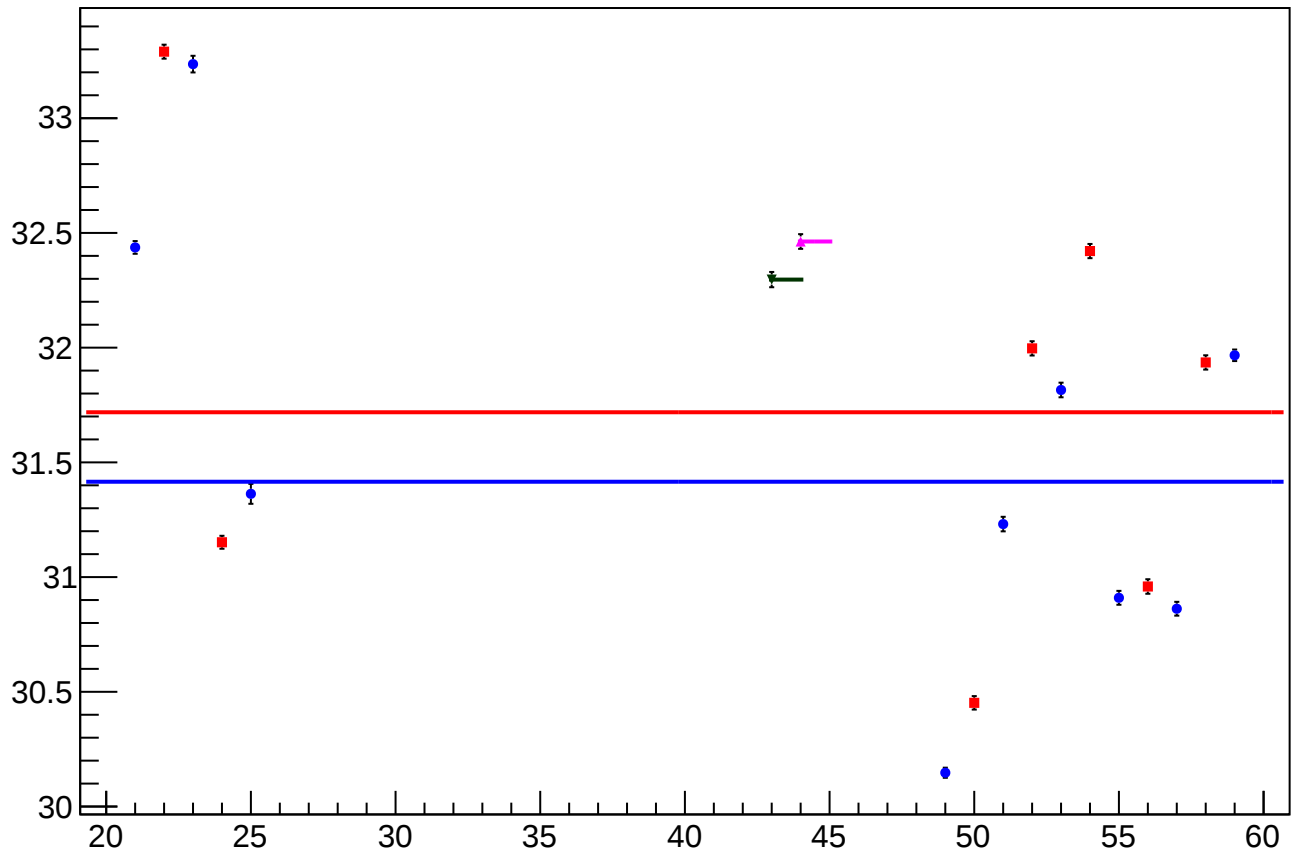
Left Out: 53.407+/-47.084 χ^2/NDF : 0.0/0

Right Out: 11.297+/-16.235 χ^2/NDF : 10.3/6

Left In: 48.651+/-45.318 χ^2/NDF : 0.0/0

19.392+/-10.034 χ^2/NDF : 16.5/17

asym_left_agg_dd_rms vs slug



Right In: 31.416+/-0.010 χ^2/NDF : 8468.2/8

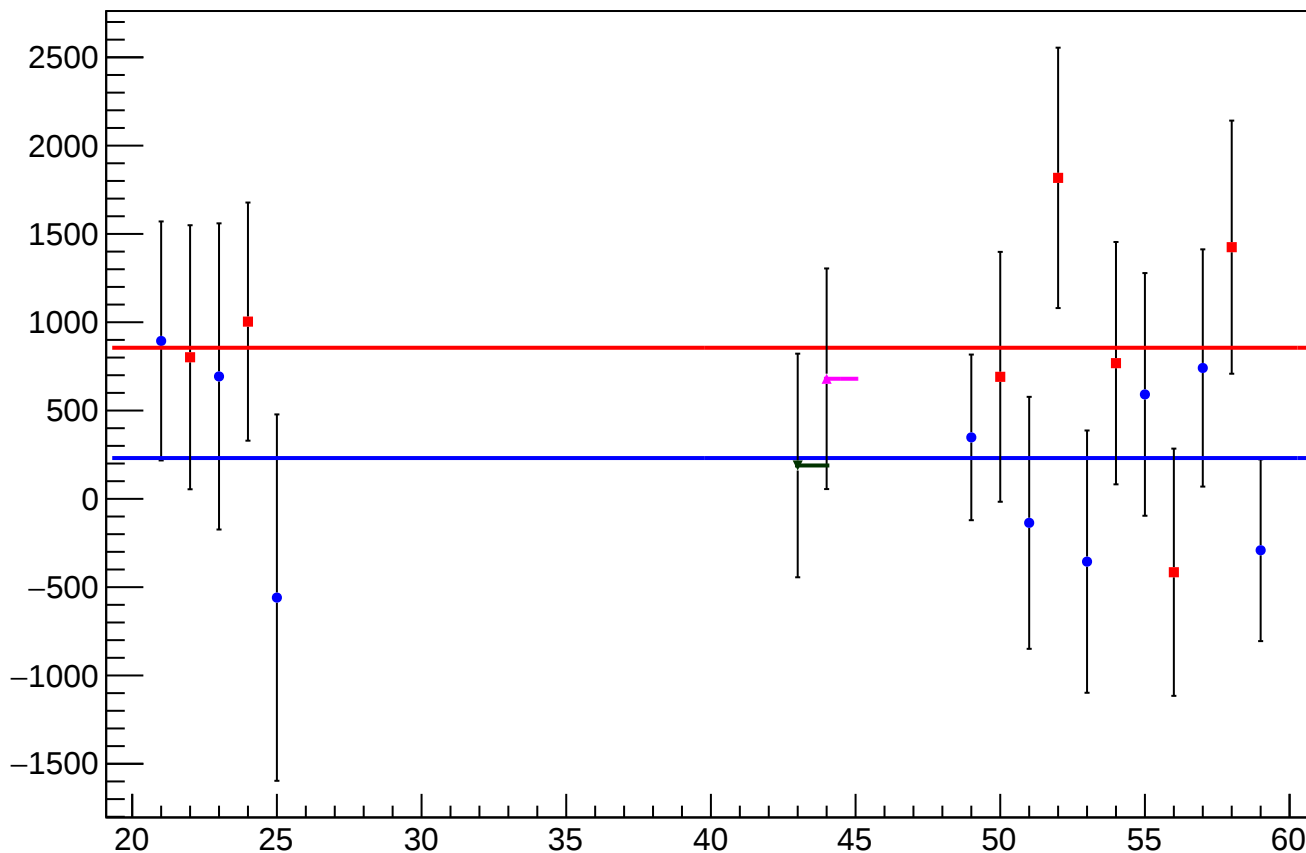
Left Out: 32.297+/-0.033 χ^2/NDF : 0.0/0

Right Out: 31.718+/-0.011 χ^2/NDF : 6138.8/6

Left In: 32.463+/-0.032 χ^2/NDF : 0.0/0

31.623+/-0.007 χ^2/NDF : 16219.3/17

asym_right_agg_avg_mean vs slug



Right In: 231.029 ± 218.826 χ^2/NDF : 4.7/8

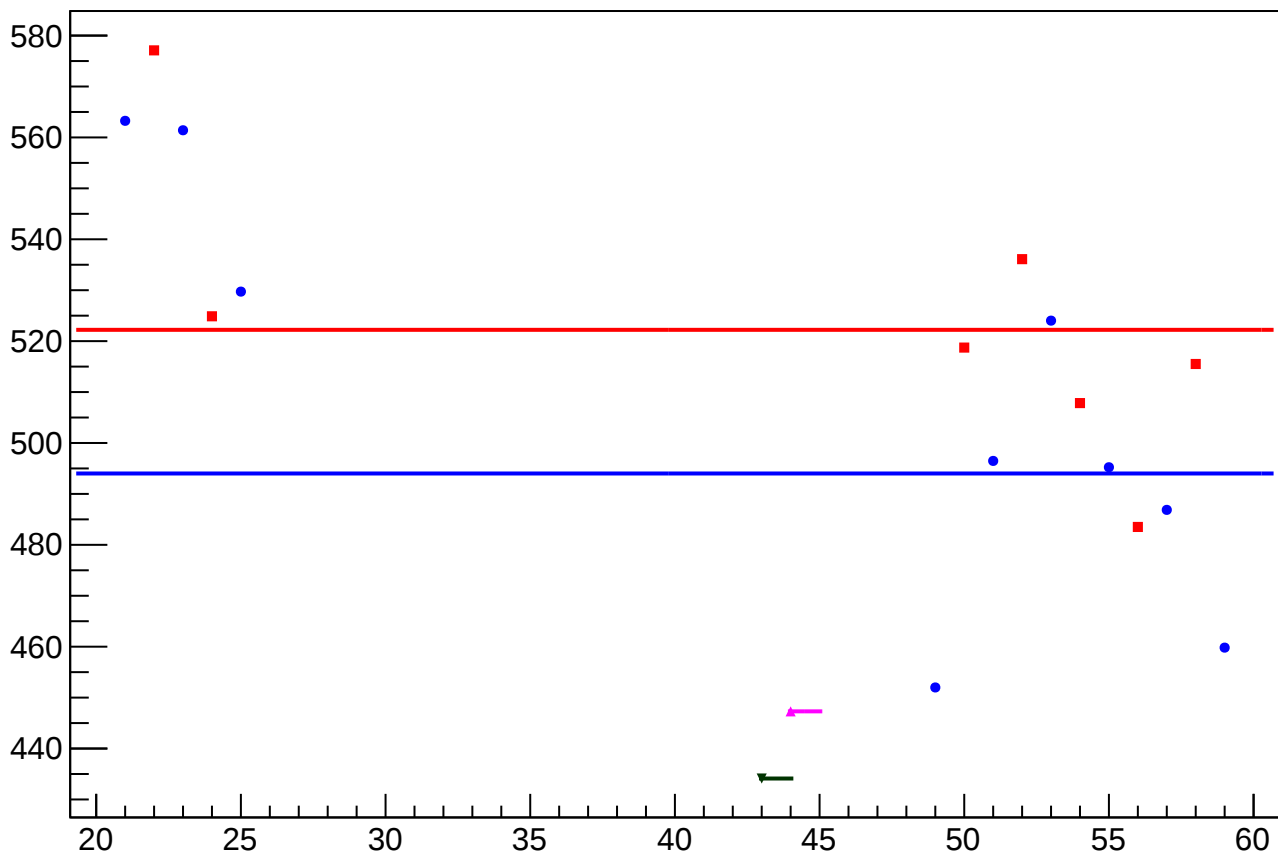
Left Out: 188.983 ± 633.036 χ^2/NDF : 0.0/0

Right Out: 855.522 ± 267.821 χ^2/NDF : 5.8/6

Left In: 680.012 ± 624.573 χ^2/NDF : 0.0/0

475.550 ± 158.344 χ^2/NDF : 14.0/17

asym_right_agg_avg_rms vs slug



Right In: 494.010 $\pm$ 0.155 χ^2 /NDF: 63830.4/8

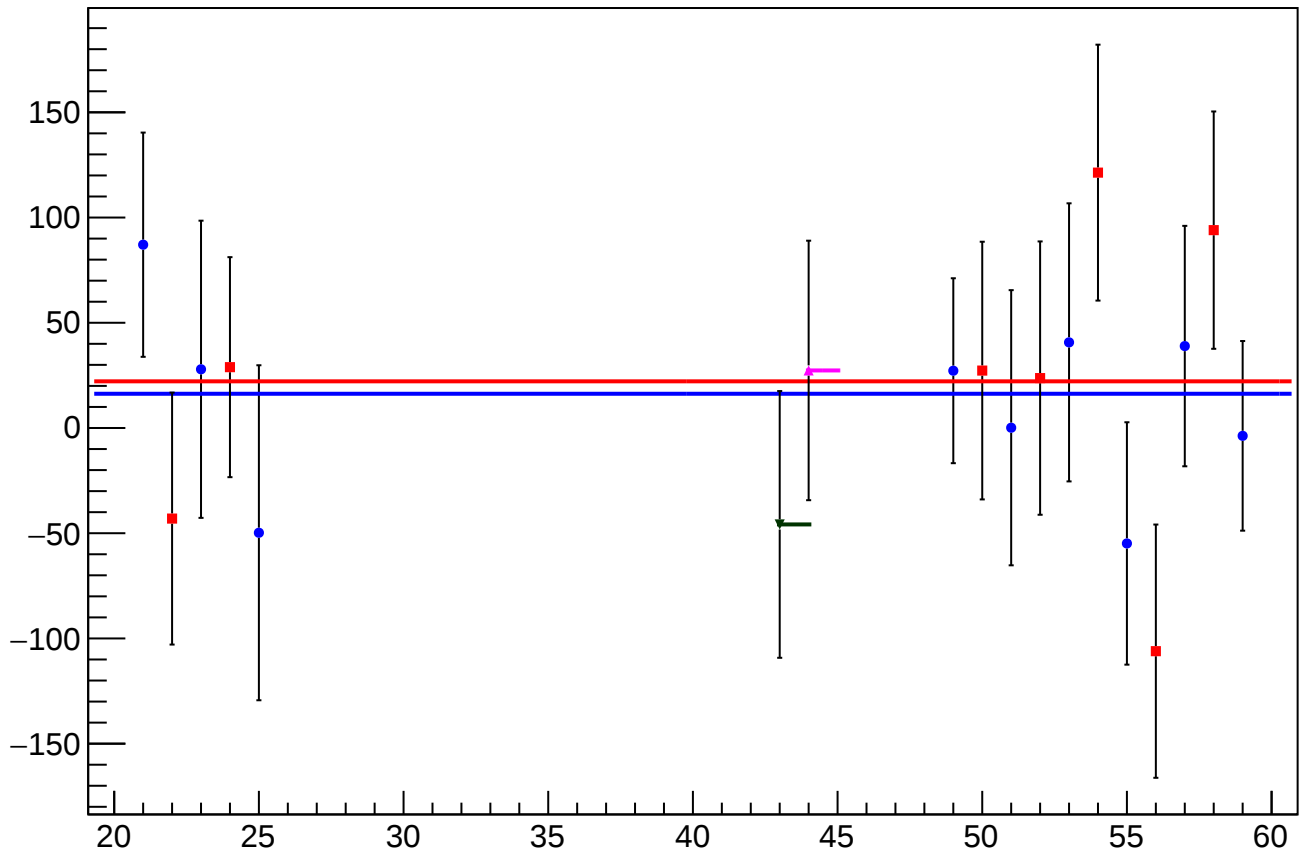
Left Out: 434.112 $\pm$ 0.448 χ^2 /NDF: 0.0/0

497.121 $\pm$ 0.112 χ^2 /NDF: 133078.4/17

Right Out: 522.219 $\pm$ 0.189 χ^2 /NDF: 18739.6/6

Left In: 447.301 $\pm$ 0.442 χ^2 /NDF: 0.0/0

asym_right_agg_dd_mean vs slug



Right In: 16.265+/-18.924 χ^2/NDF : 4.6/8

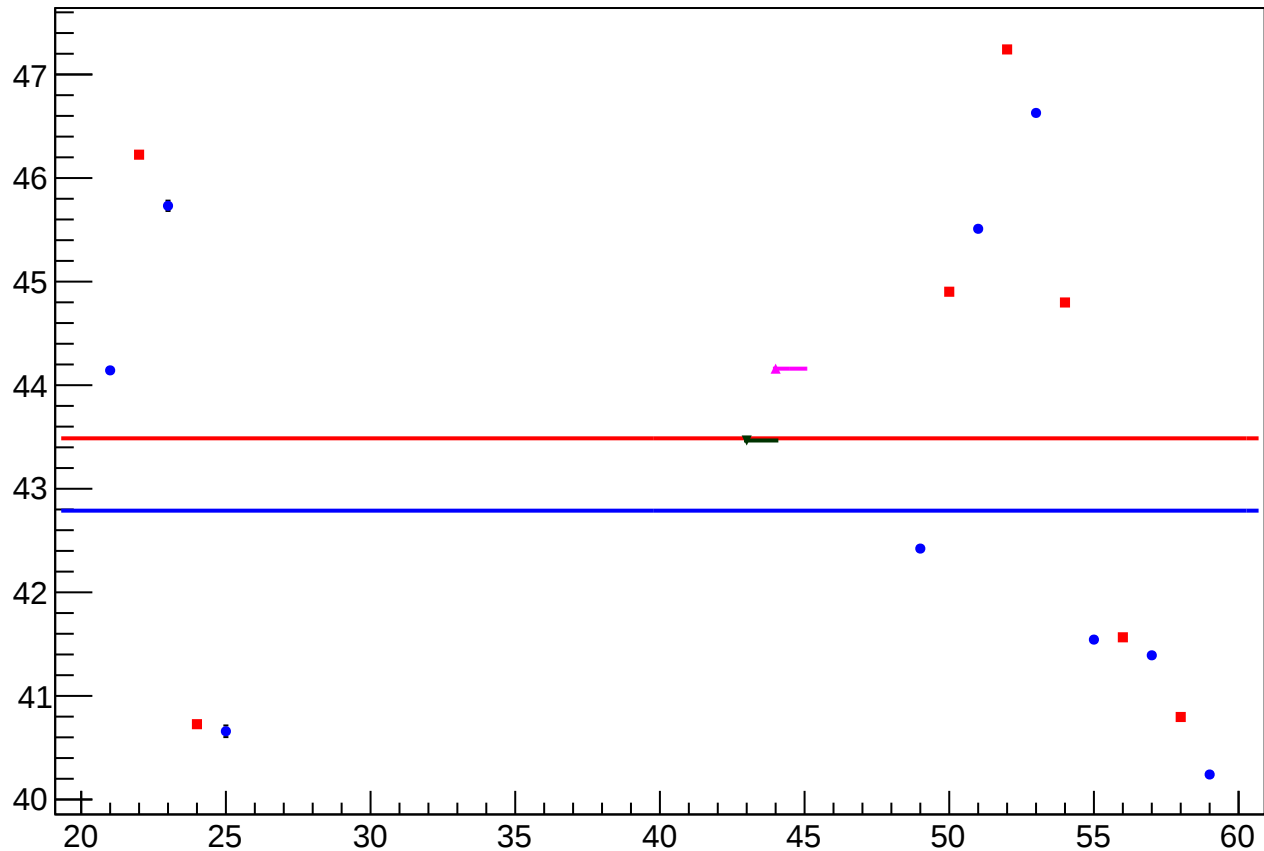
Left Out: -45.823+/-63.374 χ^2/NDF : 0.0/0

Right Out: 22.173+/-22.304 χ^2/NDF : 10.0/6

Left In: 27.346+/-61.656 χ^2/NDF : 0.0/0

16.139+/-13.717 χ^2/NDF : 15.7/17

asym_right_agg_dd_rms vs slug



Right In: 42.789 $\pm$ 0.013 χ^2 /NDF: 25084.4/8

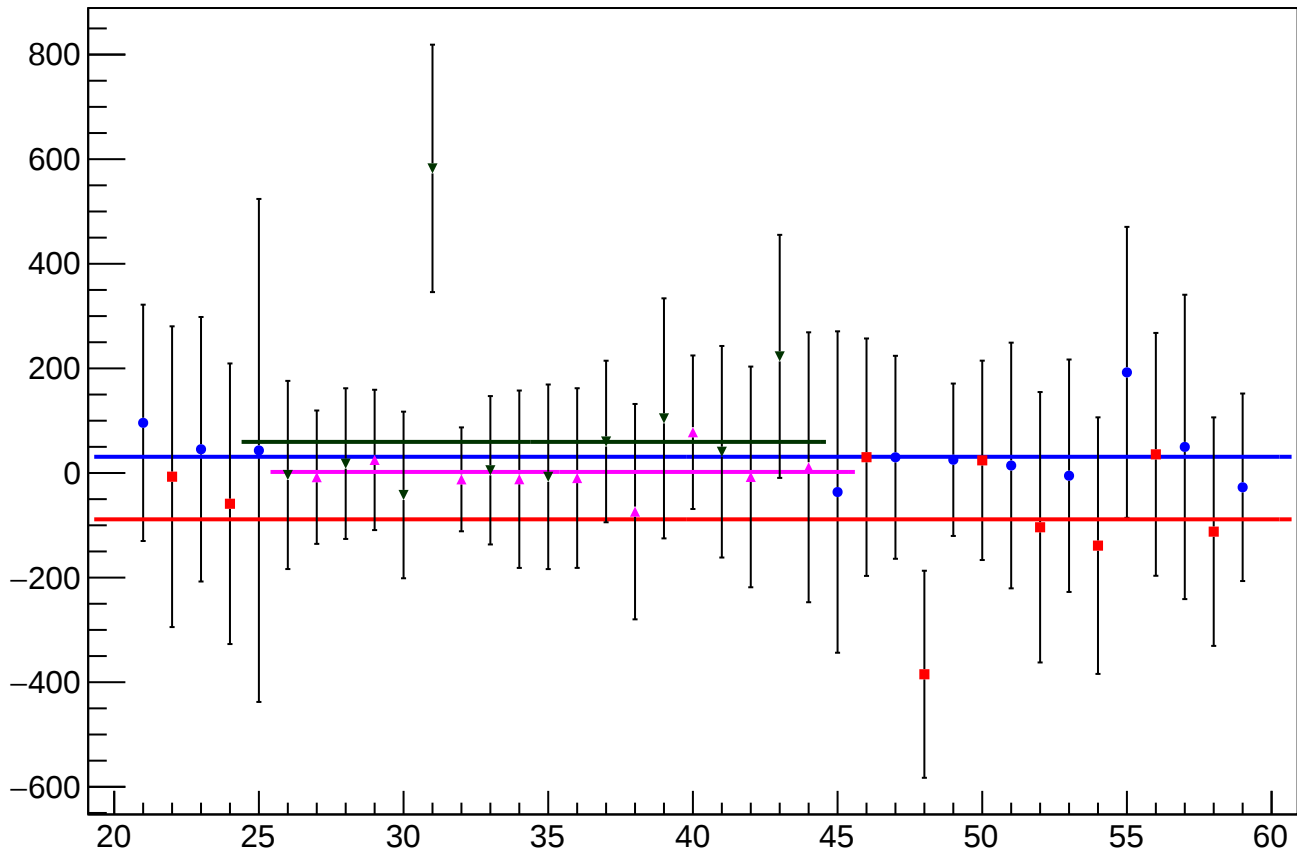
Left Out: 43.466 $\pm$ 0.045 χ^2 /NDF: 0.0/0

43.152 $\pm$ 0.010 χ^2 /NDF: 51895.3/17

Right Out: 43.487 $\pm$ 0.016 χ^2 /NDF: 25038.9/6

Left In: 44.160 $\pm$ 0.044 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 31.001 $\pm$ 67.719 χ^2 /NDF: 0.6/10

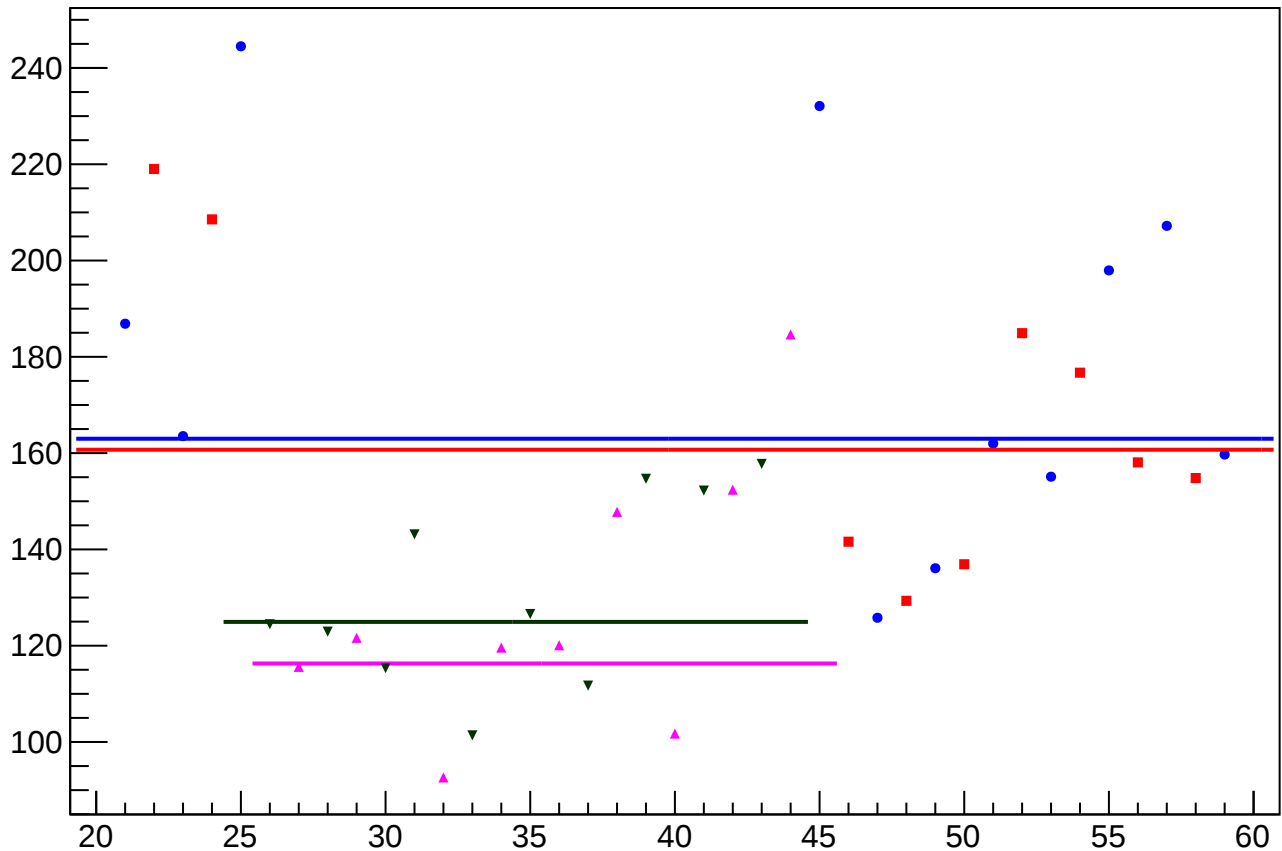
Left Out: 59.489 $\pm$ 55.719 χ^2 /NDF: 6.3/9

10.593 $\pm$ 30.092 χ^2 /NDF: 13.3/38

Right Out: -88.579 $\pm$ 76.797 χ^2 /NDF: 3.3/8

Left In: 2.017 $\pm$ 50.338 χ^2 /NDF: 0.5/8

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.989+/-0.048 χ^2/NDF : 403662.4/10

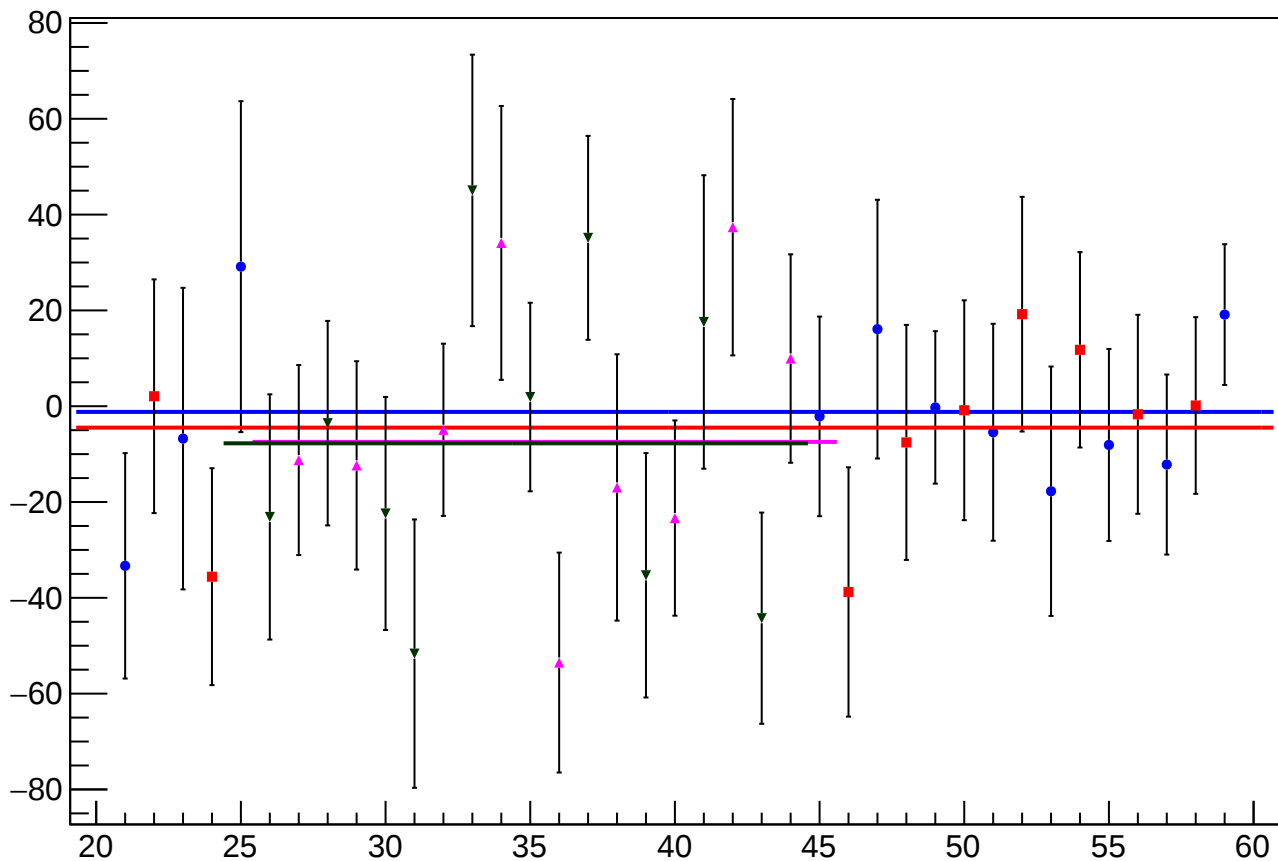
Left Out: 124.943+/-0.039 χ^2/NDF :199383.4/9

134.860+/-0.021 χ^2/NDF : 2162797.1/38

Right Out: 160.703+/-0.054 χ^2/NDF : 269273.2/8

Left In: 116.307+/-0.036 χ^2/NDF :383885.3/8

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.185 ± 6.368 $\chi^2/\text{NDF}: 5.9/10$

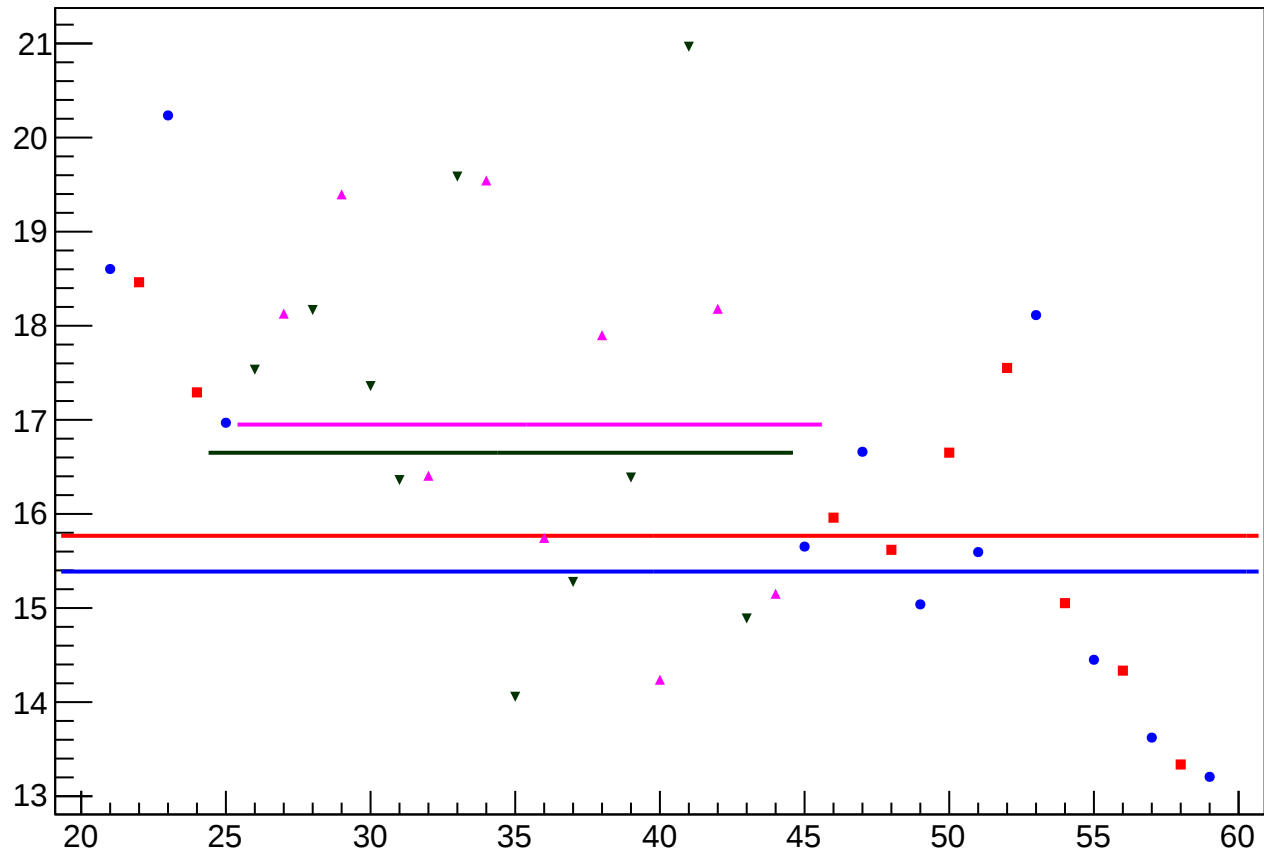
Left Out: -7.744 ± 7.585 $\chi^2/\text{NDF}: 15.6/9$

Right Out: -4.471 ± 7.454 $\chi^2/\text{NDF}: 5.4/8$

Left In: -7.449 ± 7.436 $\chi^2/\text{NDF}: 10.4/8$

-4.852 ± 3.578 $\chi^2/\text{NDF}: 37.9/38$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.388+/-0.005 χ^2/NDF : 182906.8/10

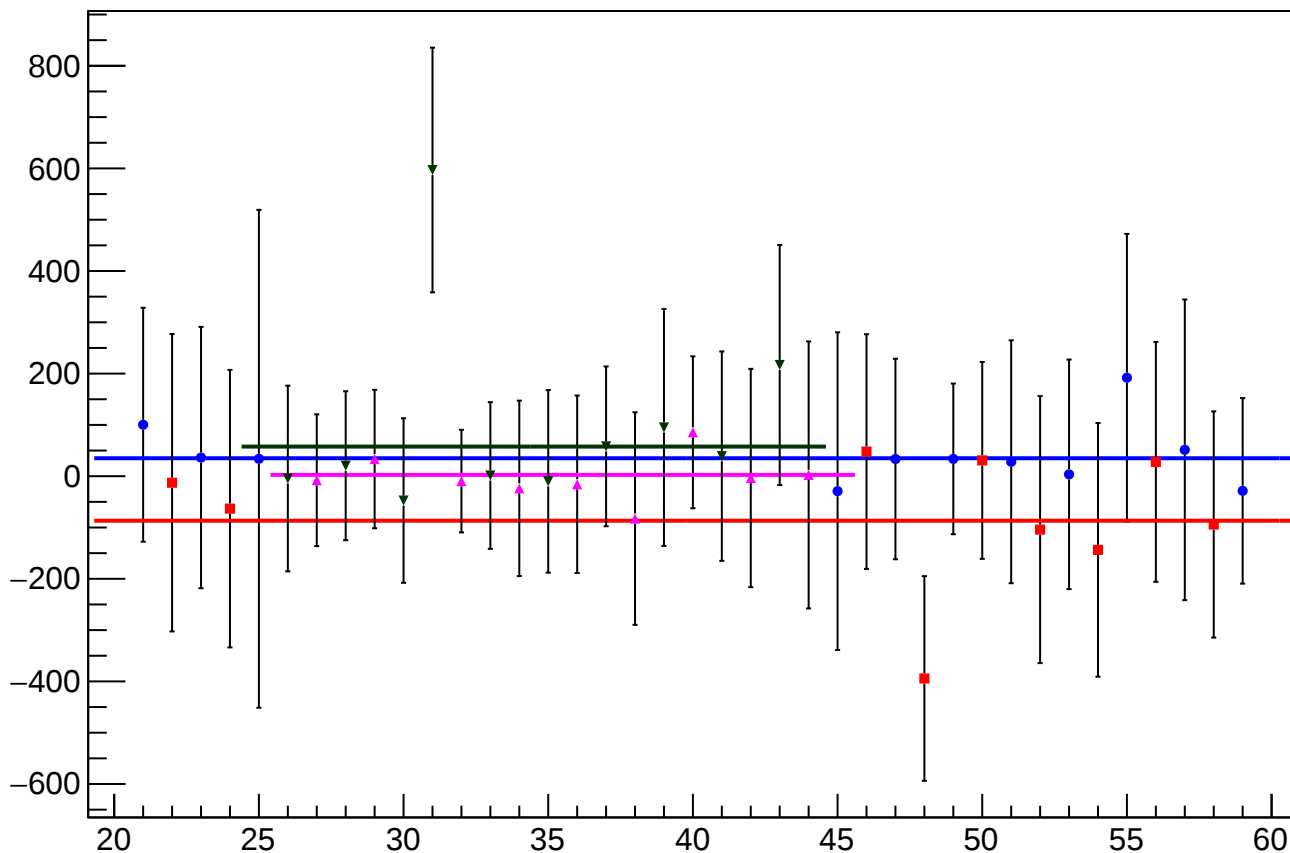
Left Out: 16.650+/-0.005 χ^2/NDF : 131585.8/9

Right Out: 15.768+/-0.005 χ^2/NDF : 93954.2/8

Left In: 16.950+/-0.005 χ^2/NDF : 111842.2/8

16.118+/-0.003 χ^2/NDF : 585894.3/38

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 35.012+/-68.254 χ^2/NDF : 0.6/10

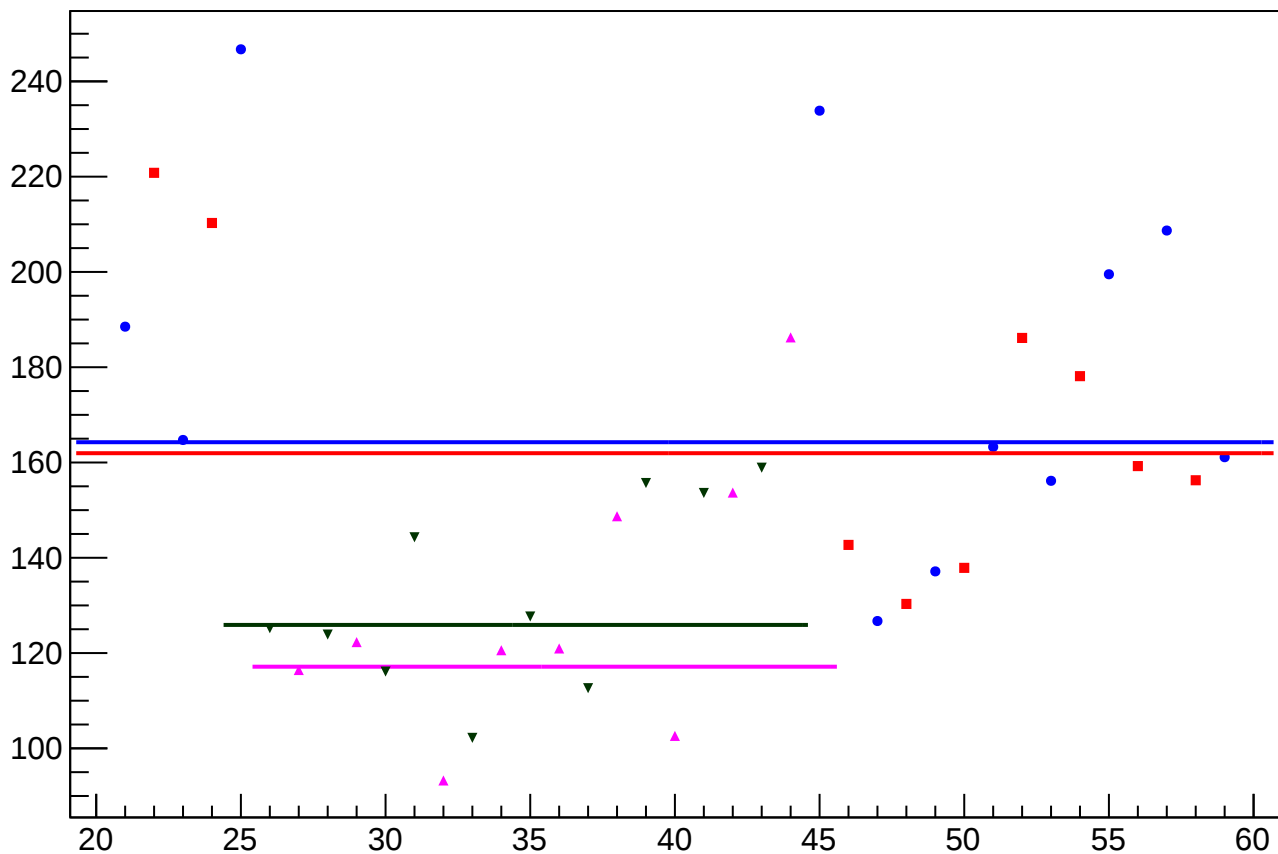
Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

11.363+/-30.320 χ^2/NDF : 13.6/38

Right Out: -86.742+/-77.395 χ^2/NDF : 3.5/8

Left In: 2.605+/-50.703 χ^2/NDF : 0.6/8

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 164.259 ± 0.048 χ^2/NDF : 404260.6/10

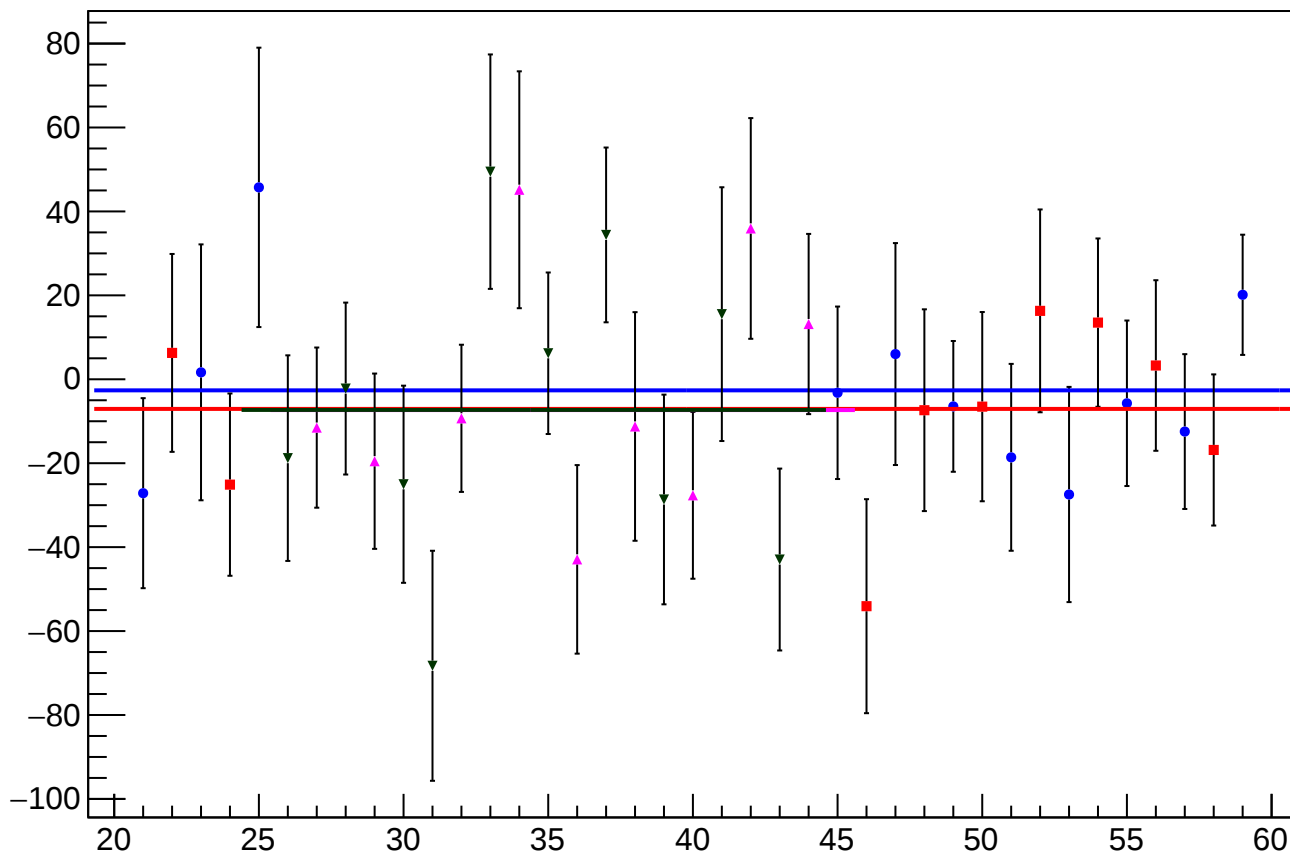
Left Out: 125.907 ± 0.040 χ^2/NDF : 199353.5/9

135.872 ± 0.021 χ^2/NDF : 2167033.3/38

Right Out: 161.953 ± 0.055 χ^2/NDF : 269679.4/8

Left In: 117.138 ± 0.036 χ^2/NDF : 384637.6/8

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -2.638 ± 6.230 $\chi^2/\text{NDF}: 7.8/10$

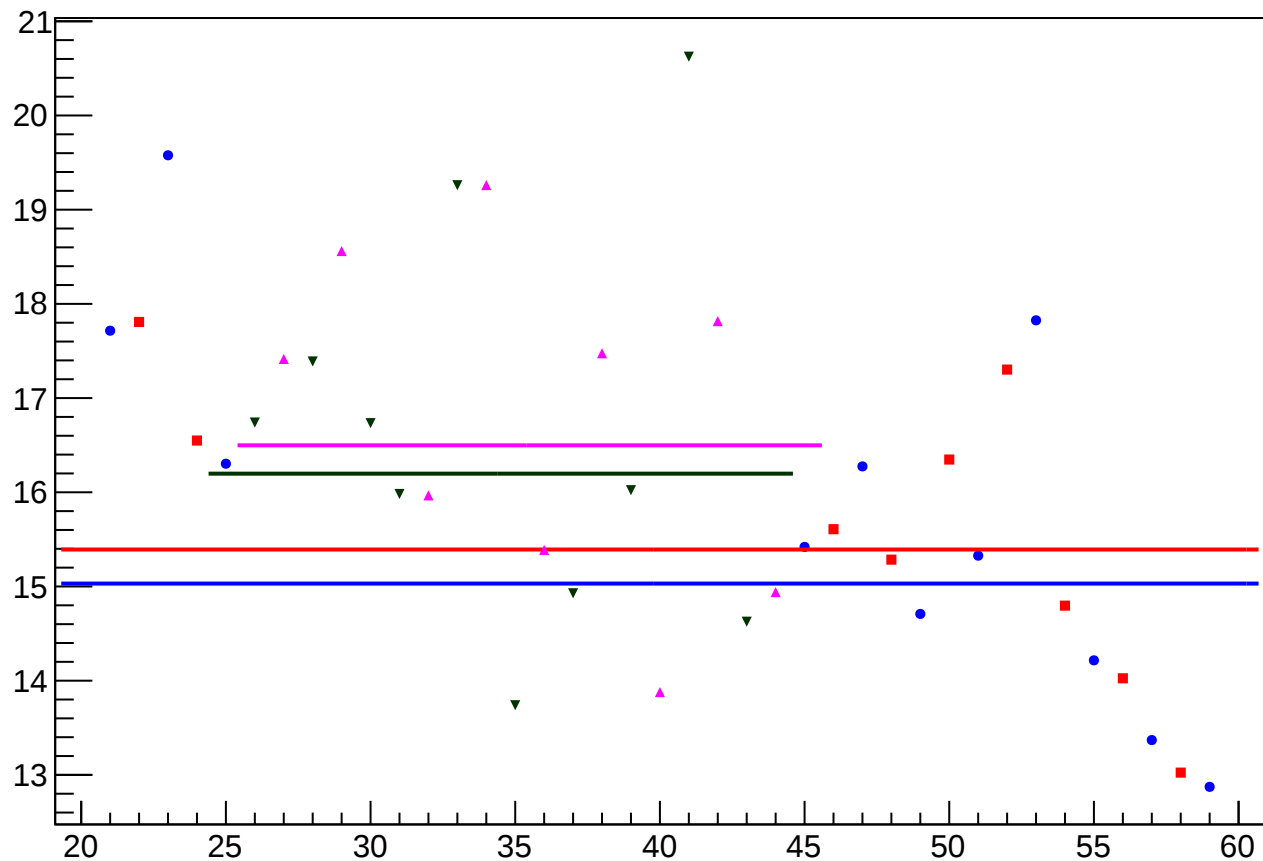
Left Out: -7.303 ± 7.391 $\chi^2/\text{NDF}: 18.4/9$

Right Out: -7.061 ± 7.282 $\chi^2/\text{NDF}: 7.0/8$

Left In: -7.338 ± 7.251 $\chi^2/\text{NDF}: 11.1/8$

-5.788 ± 3.493 $\chi^2/\text{NDF}: 44.6/38$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.031+/-0.004 χ^2/NDF : 170648.4/10

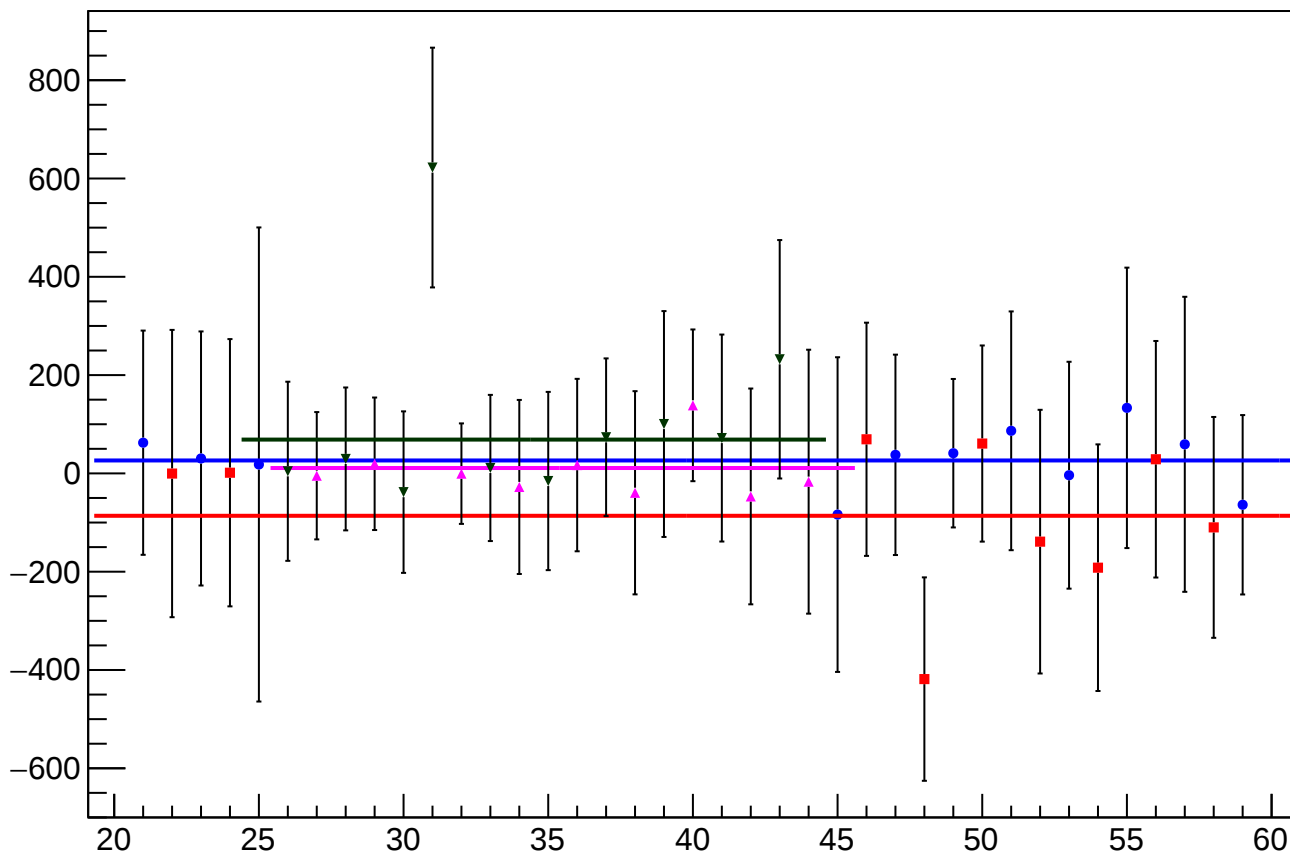
Left Out: 16.198+/-0.005 χ^2/NDF : 126492.9/9

15.715+/-0.002 χ^2/NDF : 548267.2/38

Right Out: 15.392+/-0.005 χ^2/NDF : 88337.5/8

Left In: 16.499+/-0.005 χ^2/NDF : 102858.3/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 26.315 $\pm$ 69.797 χ^2 /NDF: 0.6/10

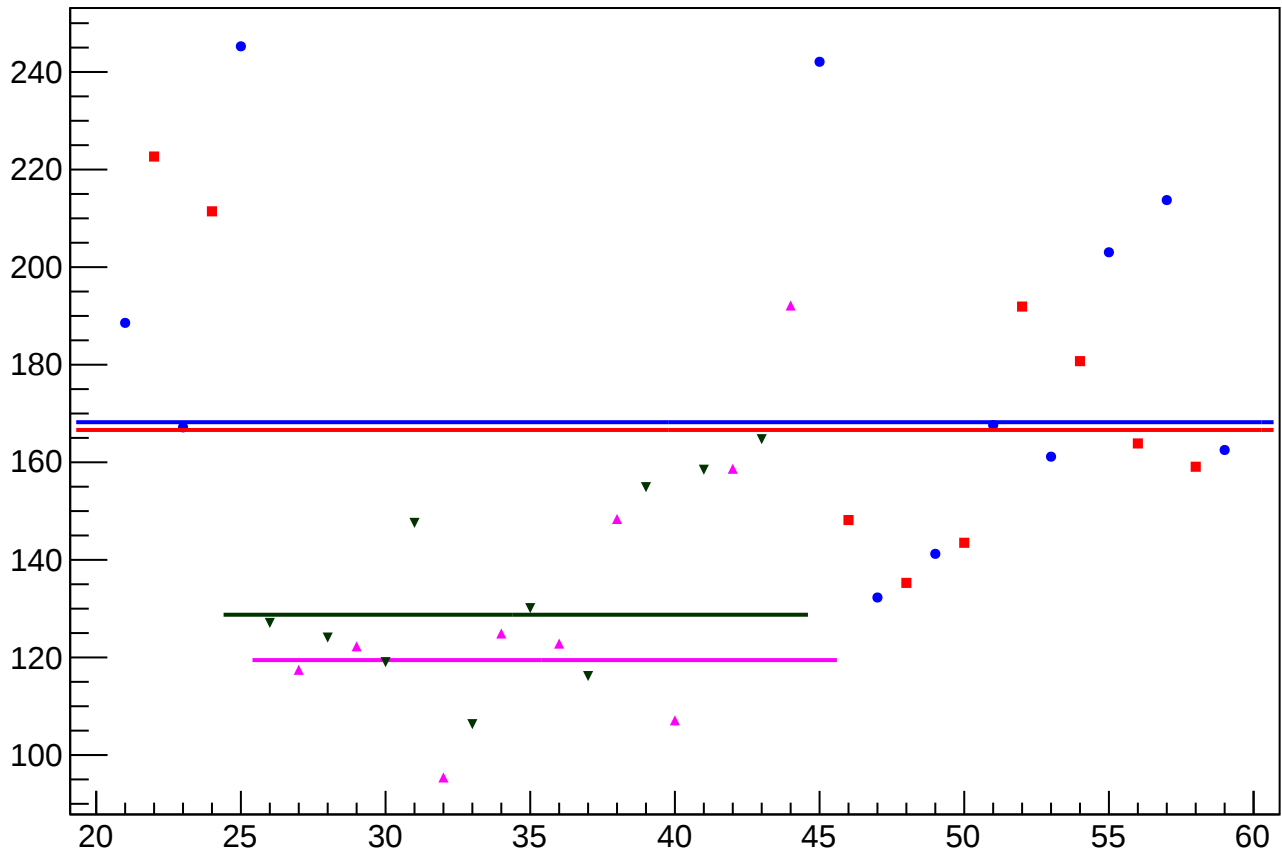
Left Out: 68.786 $\pm$ 57.328 χ^2 /NDF: 6.6/9

16.090 $\pm$ 30.970 χ^2 /NDF: 14.9/38

Right Out: -86.254 $\pm$ 79.474 χ^2 /NDF: 4.2/8

Left In: 10.941 $\pm$ 51.660 χ^2 /NDF: 0.9/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 168.218 ± 0.049 χ^2/NDF : 379082.6/10

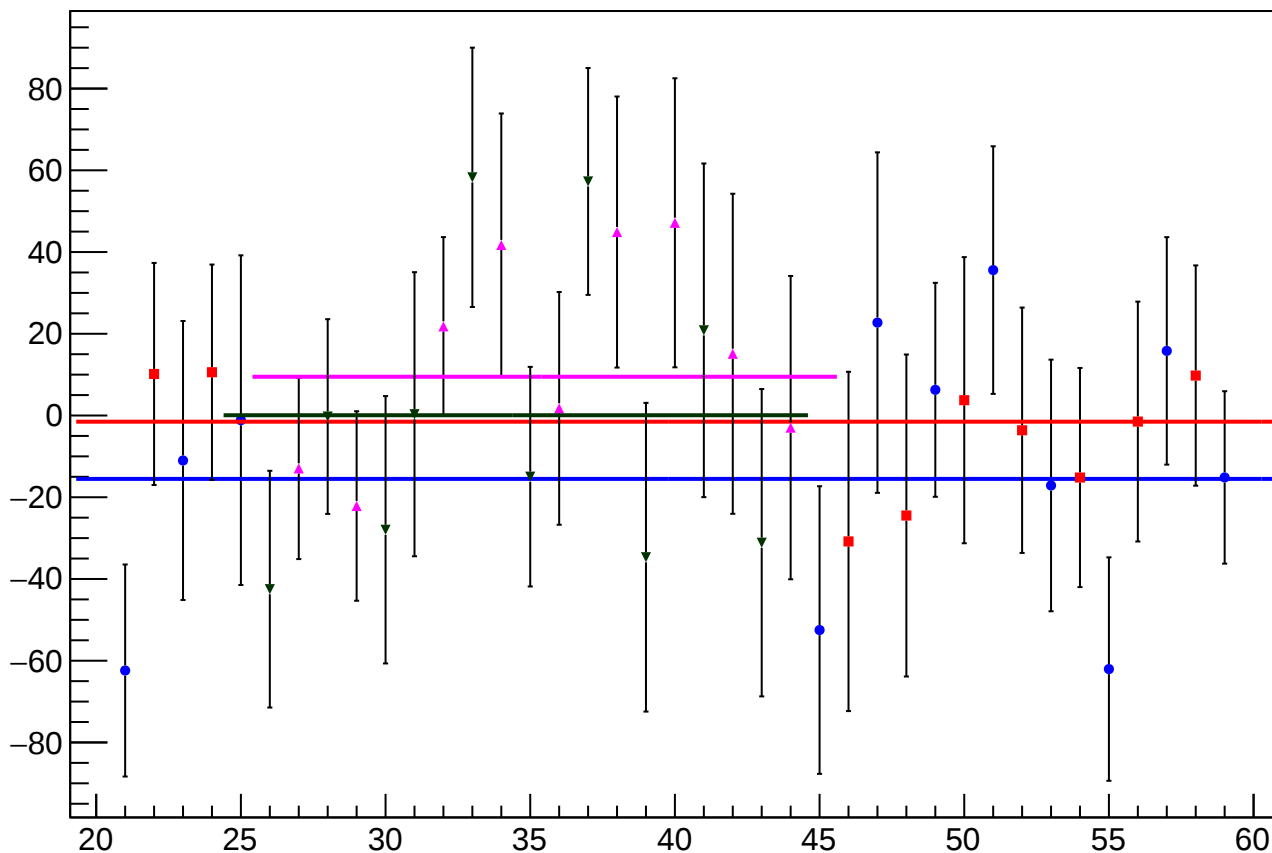
Left Out: 128.755 ± 0.041 χ^2/NDF : 188808.0/9

Right Out: 166.629 ± 0.056 χ^2/NDF : 239326.6/8

Left In: 119.459 ± 0.037 χ^2/NDF : 377012.5/8

138.936 ± 0.022 χ^2/NDF : 2126449.1/38

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -15.512 ± 8.831 $\chi^2/\text{NDF}: 13.1/10$

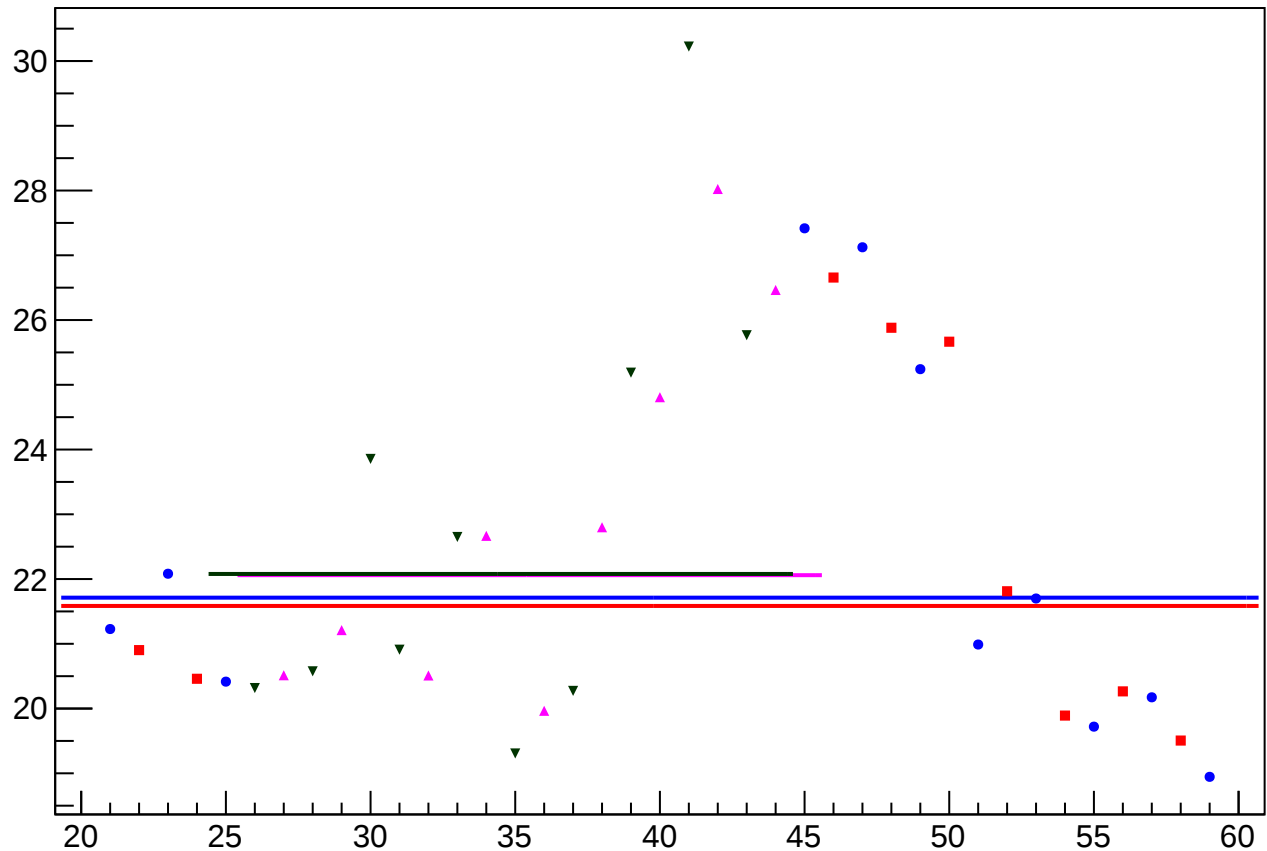
Left Out: 0.067 ± 9.805 $\chi^2/\text{NDF}: 12.6/9$

Right Out: -1.512 ± 10.064 $\chi^2/\text{NDF}: 1.7/8$

Left In: 9.482 ± 9.418 $\chi^2/\text{NDF}: 6.7/8$

-2.395 ± 4.747 $\chi^2/\text{NDF}: 37.9/38$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.713+/-0.006 χ^2 /NDF: 177921.6/10

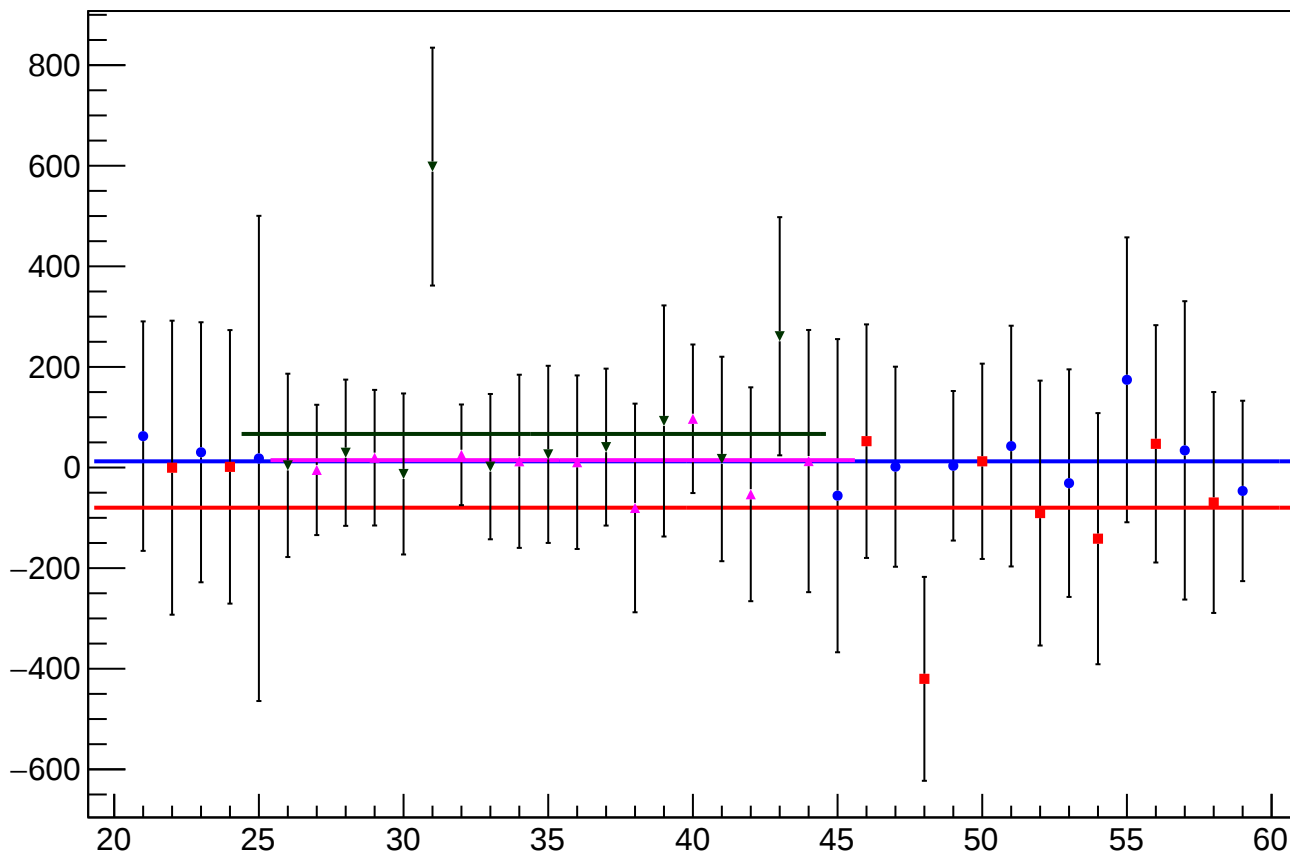
Left Out: 22.079+/-0.007 χ^2 /NDF:166332.3/9

21.858+/-0.003 χ^2 /NDF: 579557.3/38

Right Out: 21.585+/-0.007 χ^2 /NDF: 109745.3/8

Left In: 22.060+/-0.007 χ^2 /NDF:121609.5/8

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 12.346+/-68.799 χ^2/NDF : 0.6/10

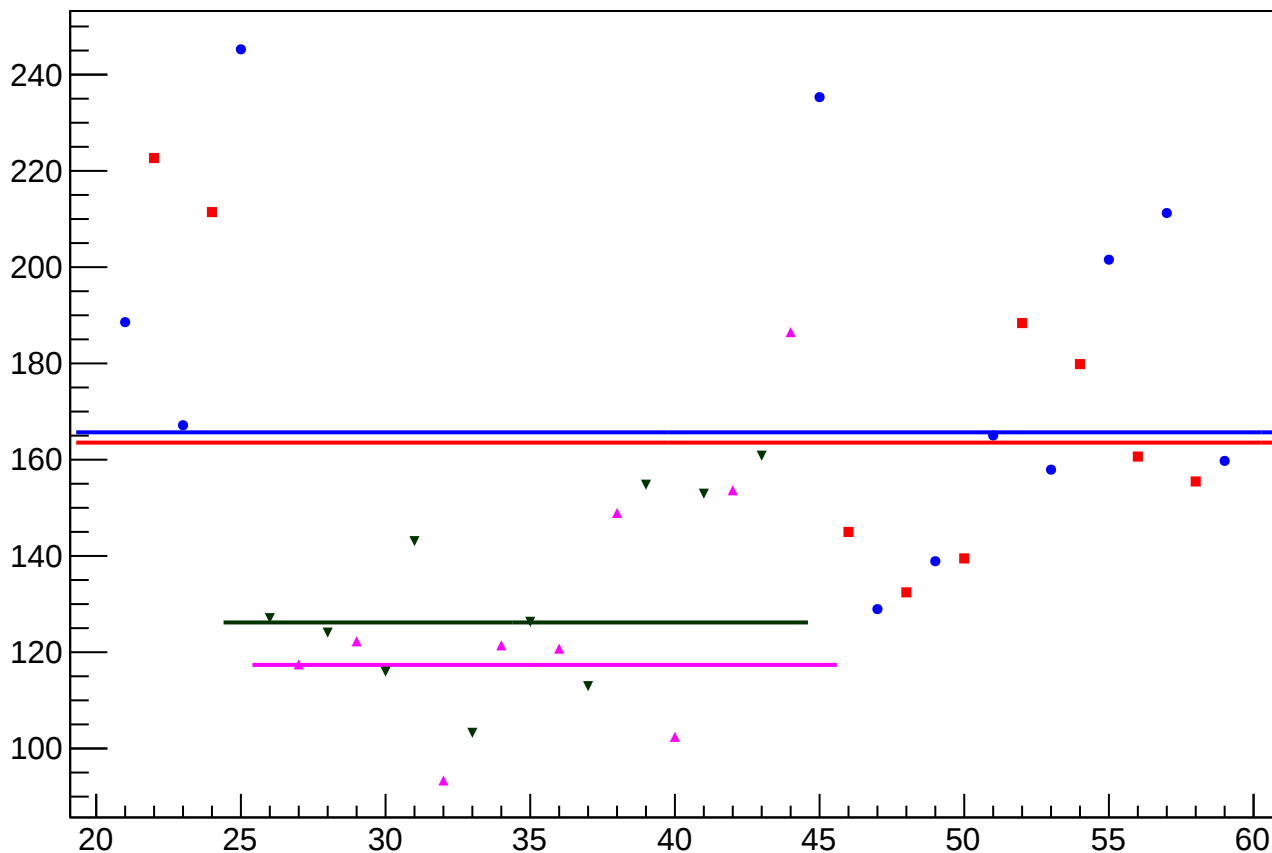
Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

15.154+/-30.436 χ^2/NDF : 14.0/38

Right Out: -79.832+/-78.129 χ^2/NDF : 3.9/8

Left In: 14.653+/-50.783 χ^2/NDF : 0.7/8

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 165.685+/-0.049 χ^2/NDF : 391637.8/10

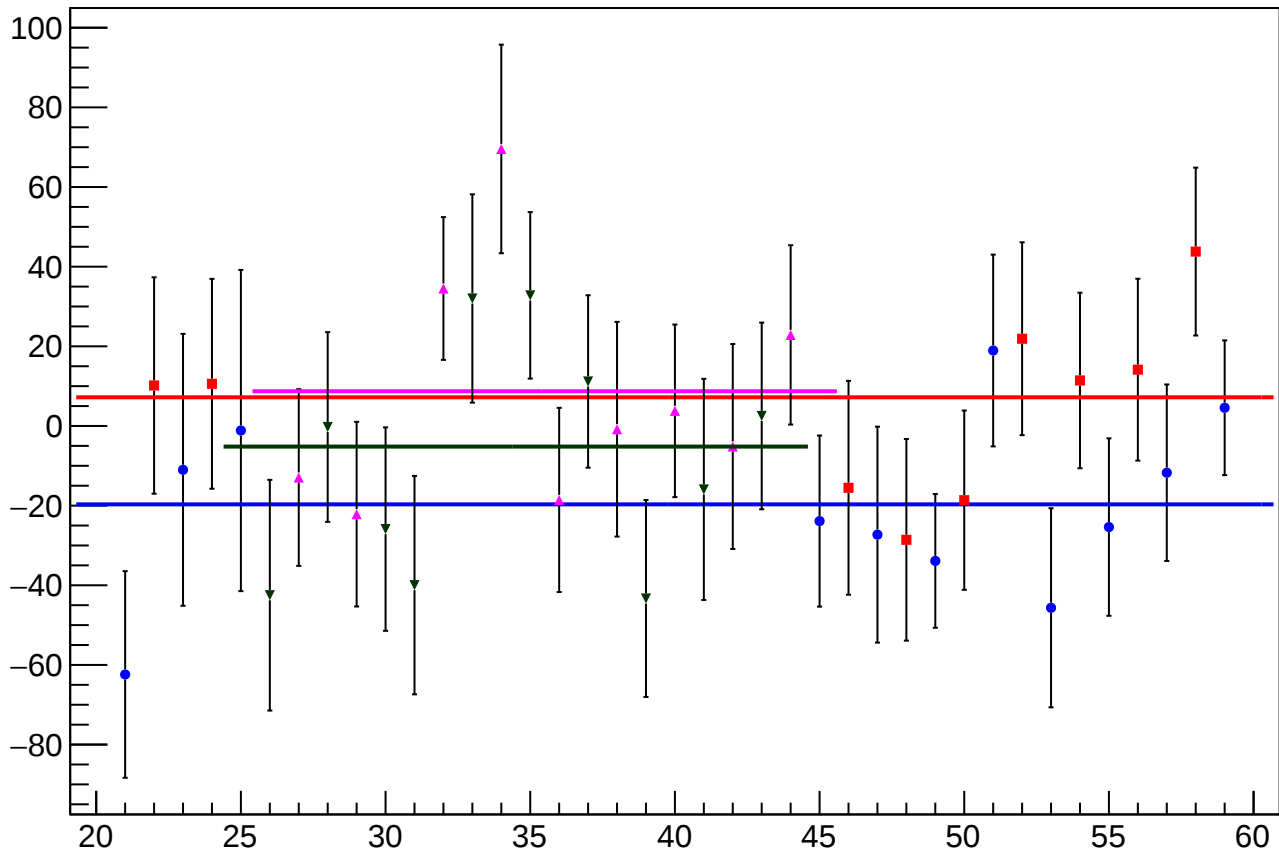
Left Out: 126.184+/-0.040 χ^2/NDF : 192128.0/9

Right Out: 163.552+/-0.055 χ^2/NDF : 263817.8/8

Left In: 117.367+/-0.036 χ^2/NDF : 385462.1/8

136.418+/-0.022 χ^2/NDF : 2184003.5/38

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -19.678 ± 6.916 χ^2/NDF : 9.7/10

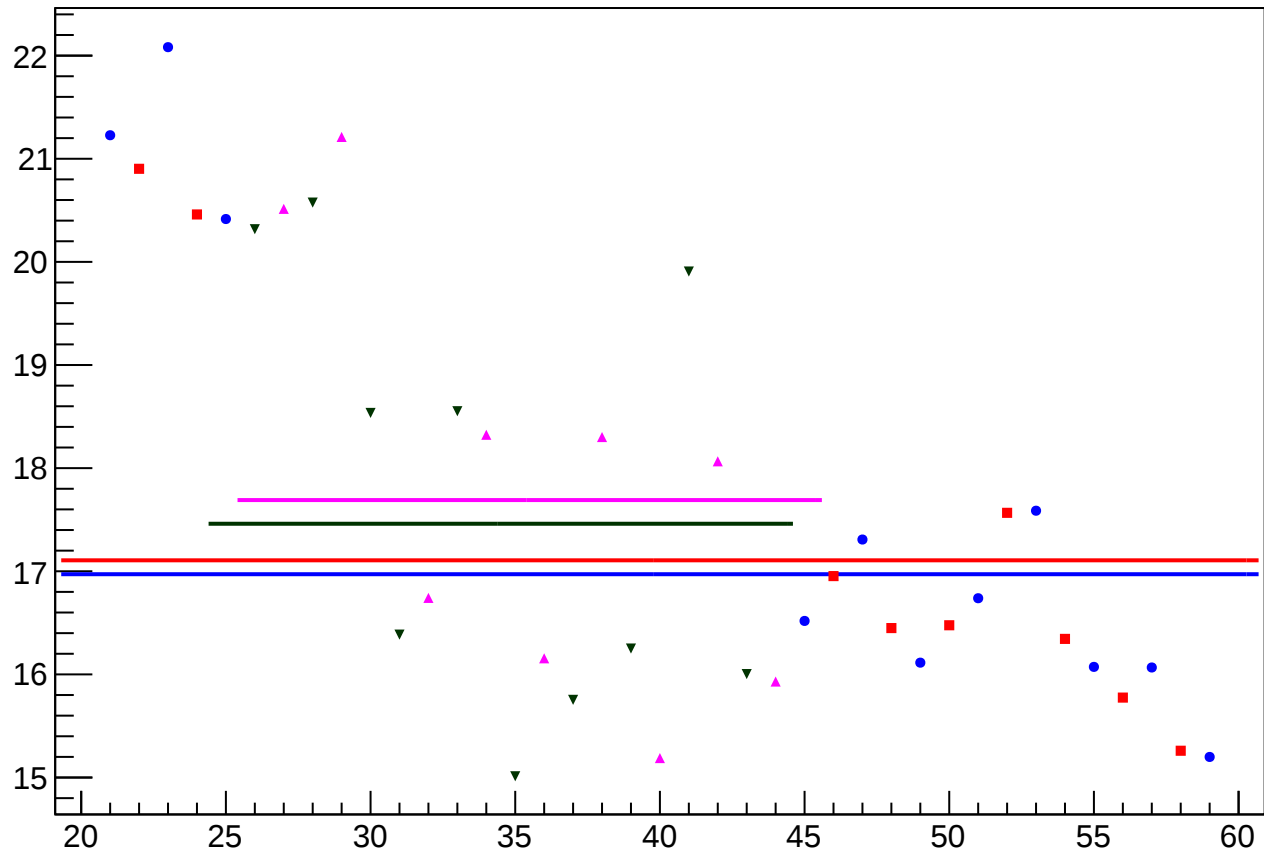
Left Out: -5.176 ± 7.796 χ^2/NDF : 12.5/9

Right Out: 7.202 ± 7.994 χ^2/NDF : 7.6/8

Left In: 8.720 ± 7.598 χ^2/NDF : 12.5/8

-3.310 ± 3.771 χ^2/NDF : 52.1/38

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.971+/-0.005 χ^2/NDF : 149607.5/10

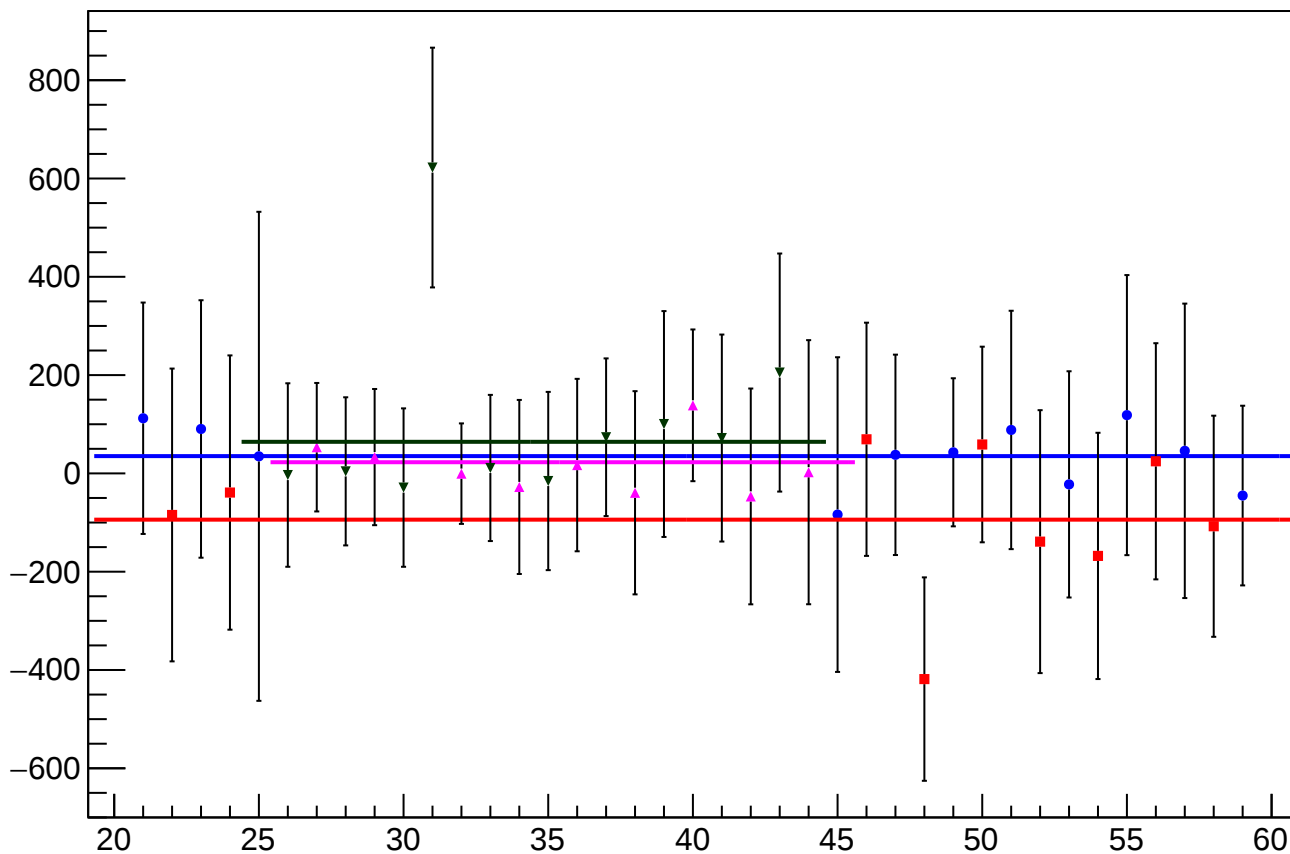
Left Out: 17.461+/-0.006 χ^2/NDF :131638.1/9

Right Out: 17.106+/-0.006 χ^2/NDF : 99682.5/8

Left In: 17.690+/-0.005 χ^2/NDF :134444.8/8

17.293+/-0.003 χ^2/NDF : 527185.7/38

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 35.167+/-70.045 χ^2/NDF : 0.7/10

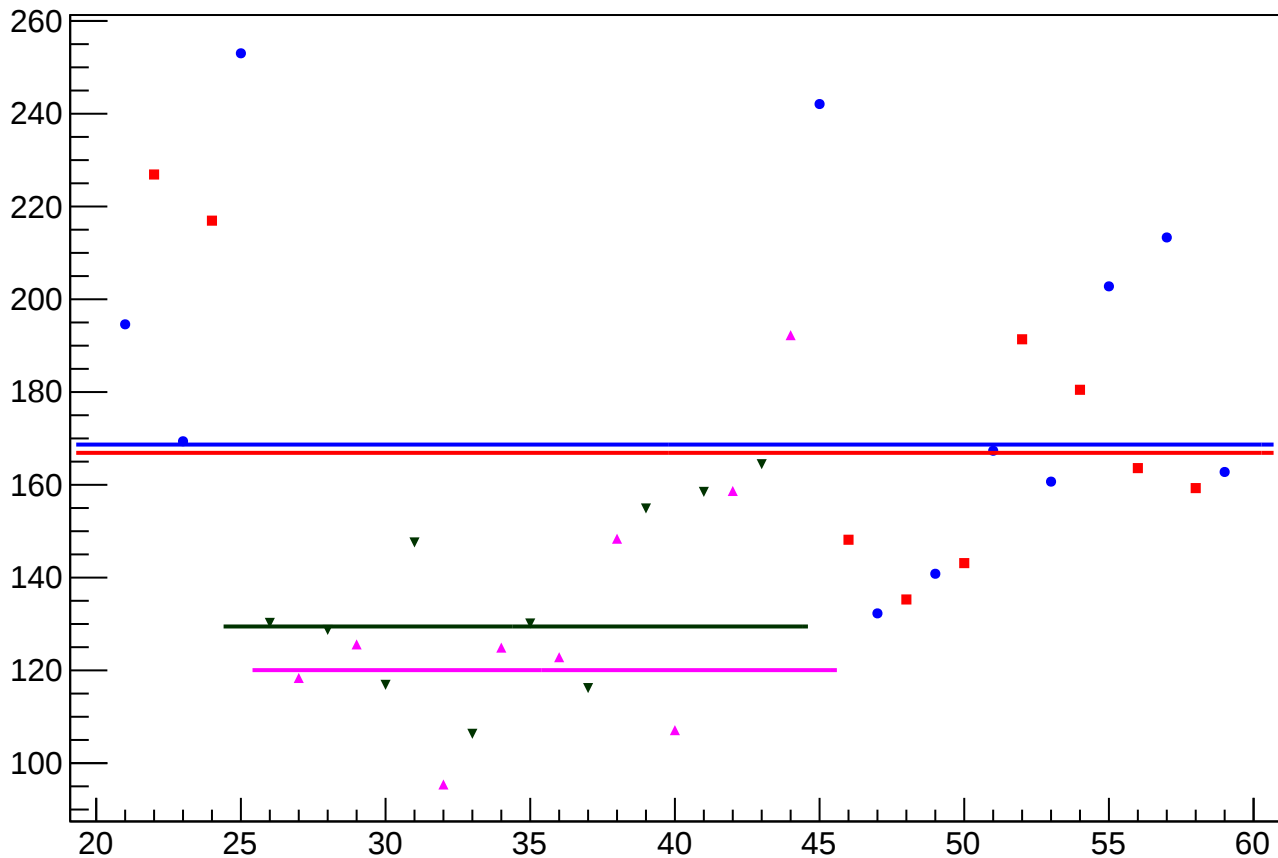
Left Out: 64.255+/-57.630 χ^2/NDF : 6.5/9

19.471+/-31.113 χ^2/NDF : 14.8/38

Right Out: -94.126+/-79.688 χ^2/NDF : 3.9/8

Left In: 22.721+/-51.941 χ^2/NDF : 1.0/8

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 168.678 ± 0.050 χ^2/NDF : 396671.8/10

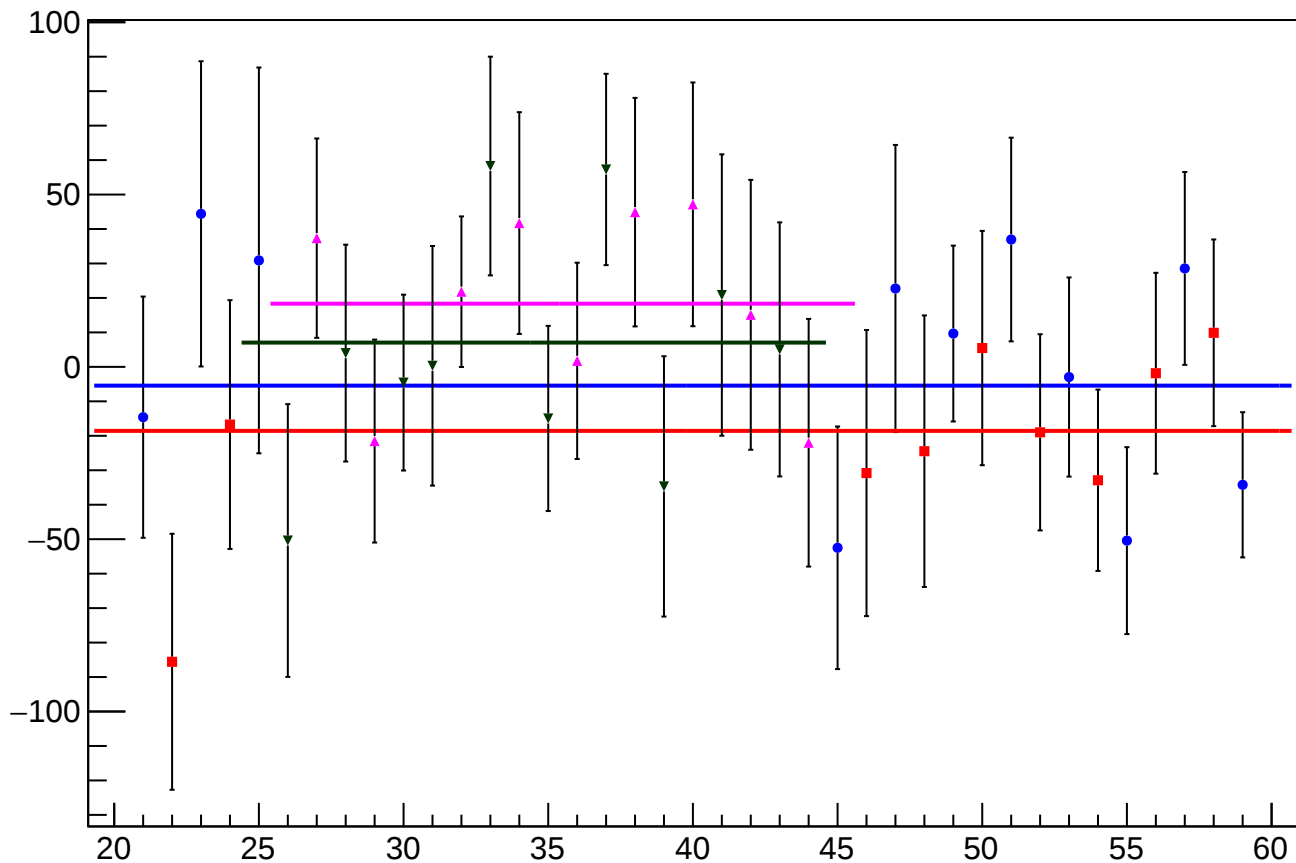
Left Out: 129.462 ± 0.041 χ^2/NDF : 189687.2/9

139.529 ± 0.022 χ^2/NDF : 2149094.6/38

Right Out: 166.894 ± 0.056 χ^2/NDF : 258482.5/8

Left In: 120.052 ± 0.037 χ^2/NDF : 379795.5/8

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -5.444 ± 9.206 $\chi^2/\text{NDF}: 12.5/10$

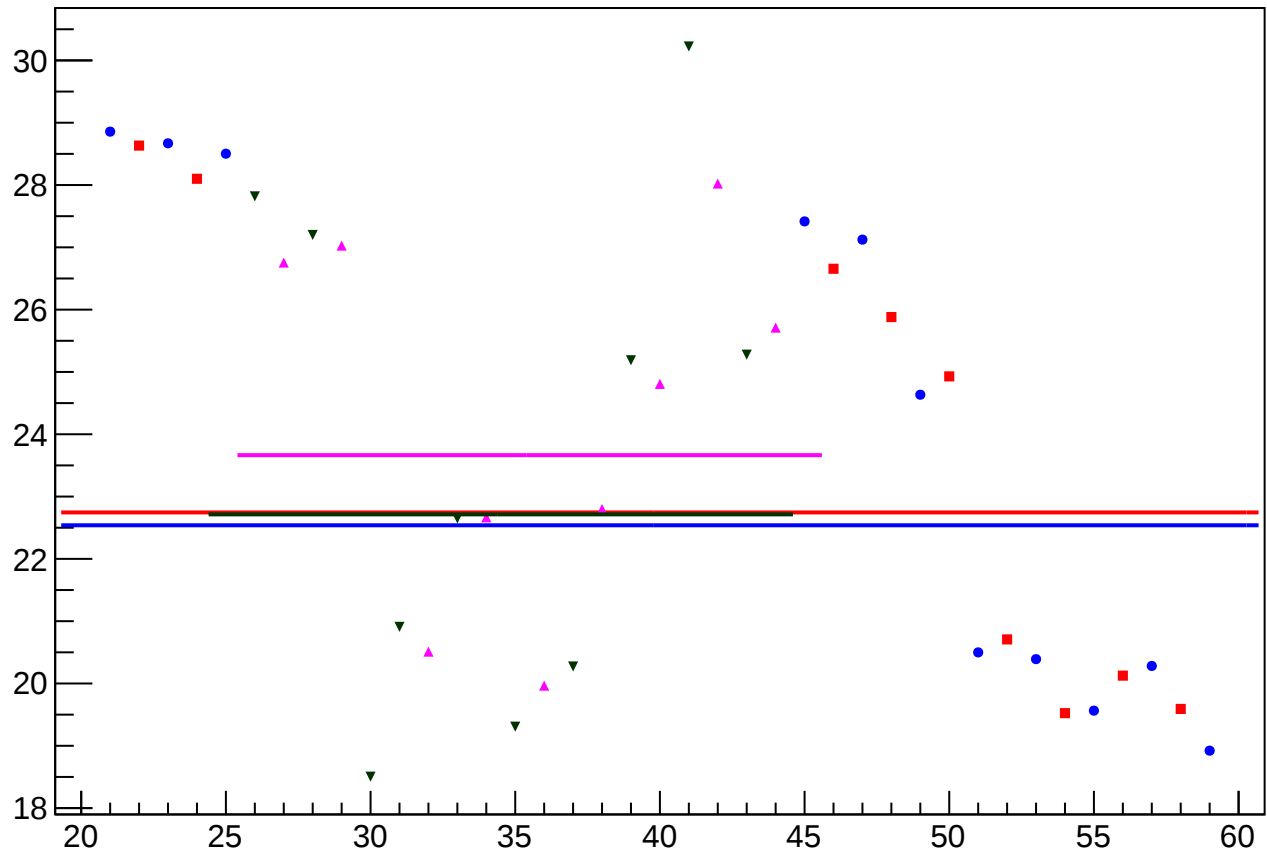
Left Out: 7.046 ± 10.139 $\chi^2/\text{NDF}: 10.2/9$

0.501 ± 4.993 $\chi^2/\text{NDF}: 41.2/38$

Right Out: -18.572 ± 10.658 $\chi^2/\text{NDF}: 5.6/8$

Left In: 18.334 ± 10.112 $\chi^2/\text{NDF}: 5.7/8$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 22.539 $\pm$ 0.007 χ^2/NDF : 318991.9/10

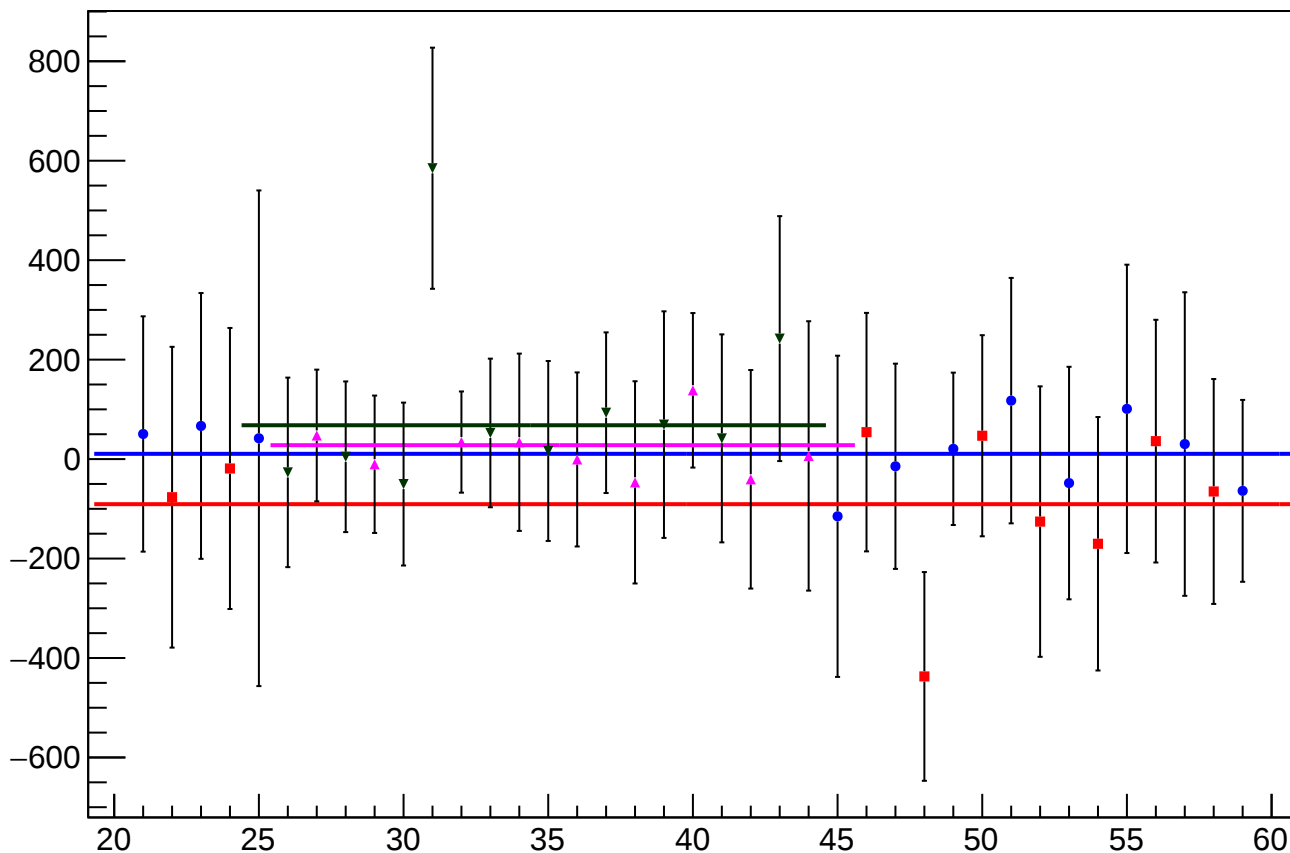
Left Out: 22.714 $\pm$ 0.007 χ^2/NDF : 267334.5/9

Right Out: 22.745 $\pm$ 0.008 χ^2/NDF : 216478.4/8

Left In: 23.665 $\pm$ 0.007 χ^2/NDF : 161021.9/8

22.901 $\pm$ 0.004 χ^2/NDF : 979432.6/38

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 10.591+/-70.922 χ^2/NDF : 0.8/10

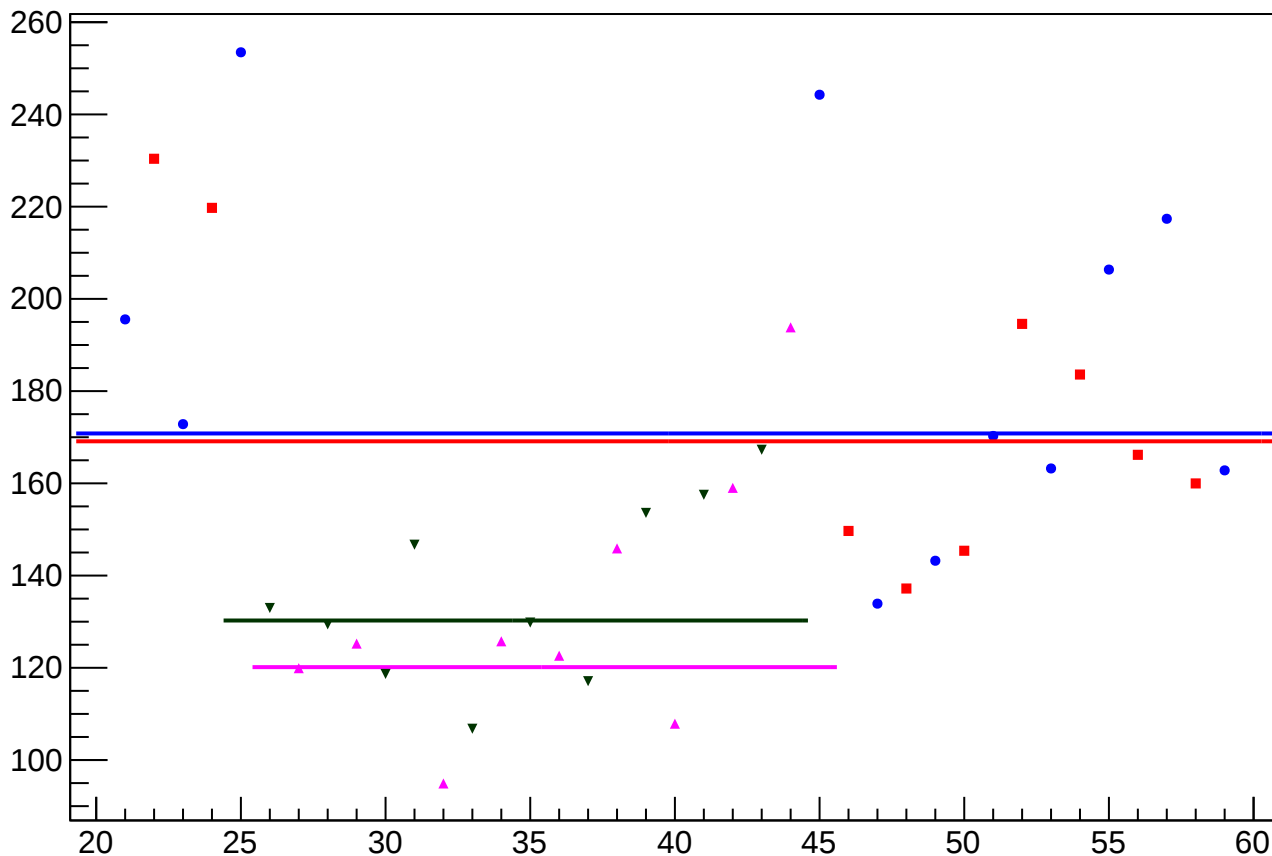
Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

18.460+/-31.313 χ^2/NDF : 14.4/38

Right Out: -90.650+/-80.770 χ^2/NDF : 4.0/8

Left In: 27.981+/-51.982 χ^2/NDF : 0.9/8

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 170.818+/-0.050 χ^2/NDF : 391842.8/10

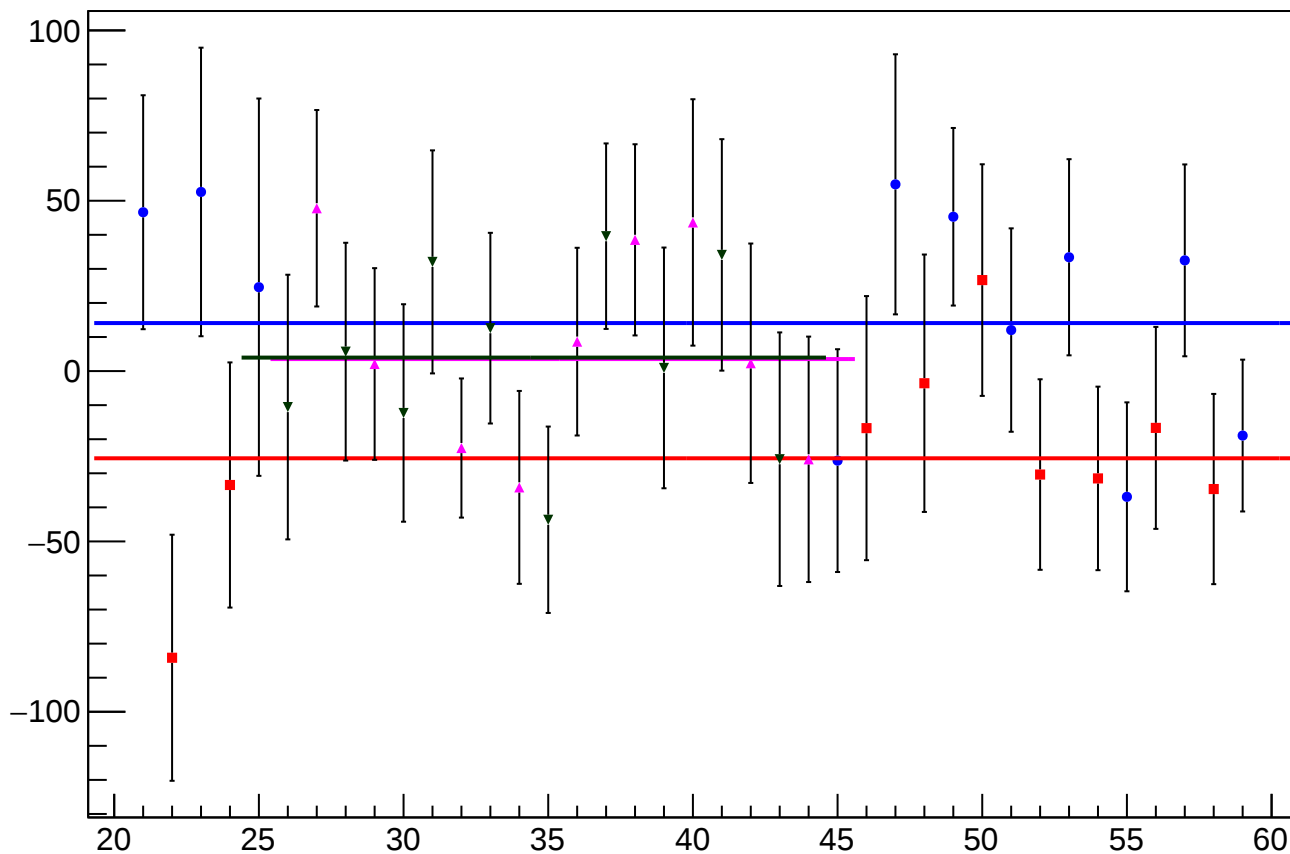
Left Out: 130.257+/-0.041 χ^2/NDF : 182492.6/9

Right Out: 169.116+/-0.057 χ^2/NDF : 260793.4/8

Left In: 120.145+/-0.037 χ^2/NDF : 383181.0/8

140.335+/-0.022 χ^2/NDF : 2203917.5/38

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.094+/-9.233 χ^2/NDF : 12.3/10

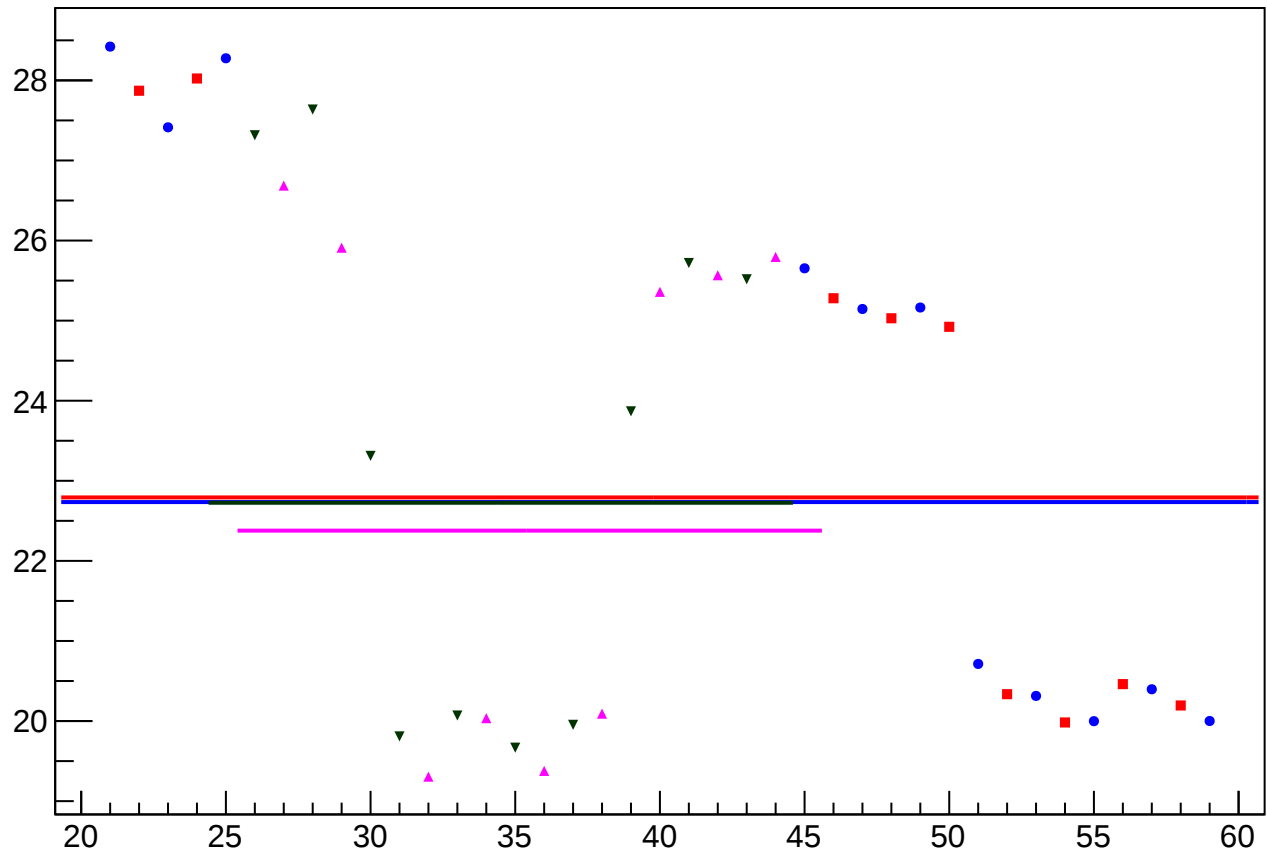
Left Out: 3.960+/-10.046 χ^2/NDF : 7.4/9

Right Out: -25.598+/-10.631 χ^2/NDF : 5.7/8

Left In: 3.528+/-9.515 χ^2/NDF : 9.3/8

0.410+/-4.907 χ^2/NDF : 43.1/38

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 22.734+/-0.007 χ^2 /NDF: 227265.6/10

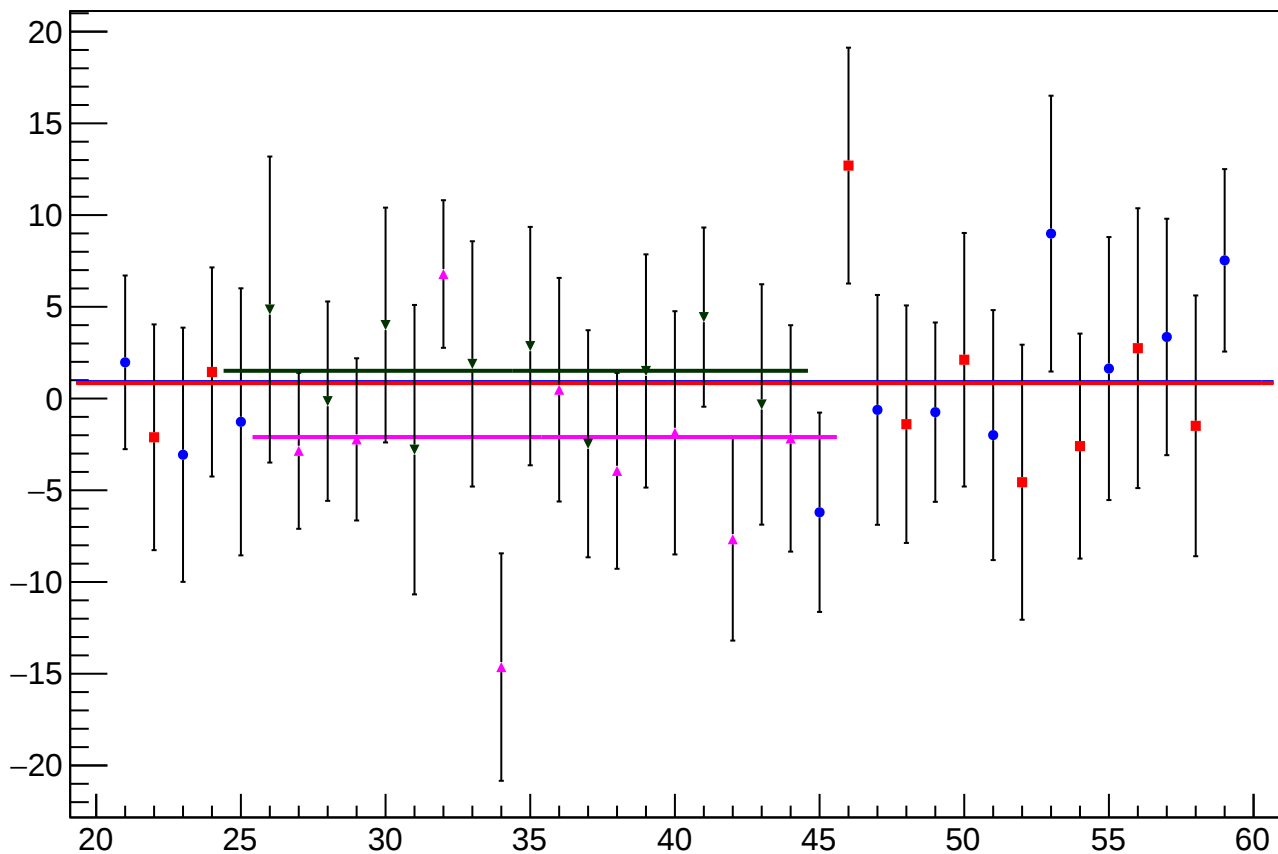
Left Out: 22.726+/-0.007 χ^2 /NDF:184323.0/9

Right Out: 22.792+/-0.008 χ^2 /NDF: 171809.2/8

Left In: 22.378+/-0.007 χ^2 /NDF:220187.8/8

22.650+/-0.003 χ^2 /NDF: 805864.6/38

diff_bpm12X_mean vs slug



Right In: 0.896 ± 1.800 χ^2/NDF : 5.6/10

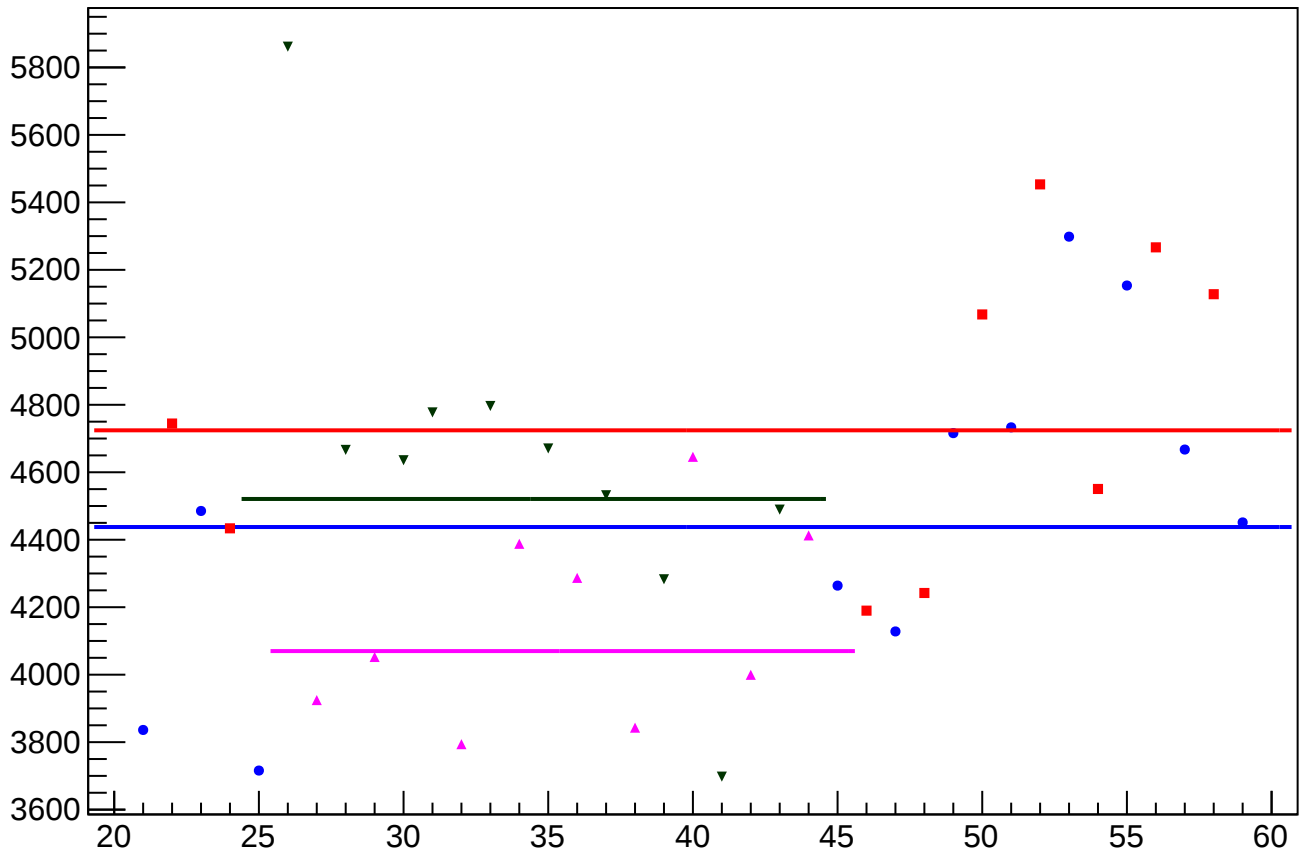
Left Out: 1.512 ± 1.997 χ^2/NDF : 1.6/9

Right Out: 0.841 ± 2.195 χ^2/NDF : 4.8/8

Left In: -2.097 ± 1.720 χ^2/NDF : 10.3/8

0.110 ± 0.951 χ^2/NDF : 24.8/38

diff_bpm12X_rms vs slug



Right In: 4437.698+/-1.272 χ^2/NDF : 117960.0/10

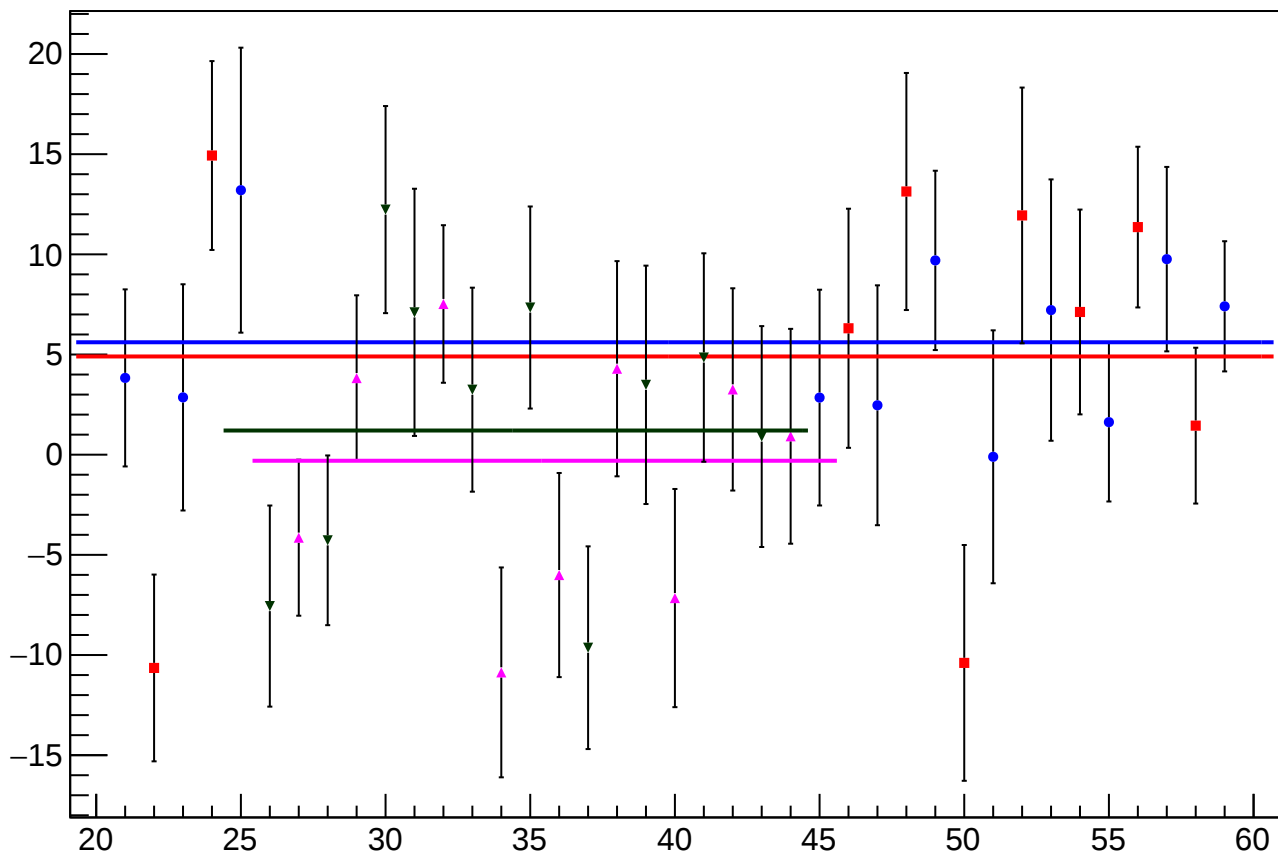
Left Out: 4520.844+/-1.412 χ^2/NDF : 119990.0/9

4397.927+/-0.673 χ^2/NDF : 480399.0/38

Right Out: 4724.306+/-1.552 χ^2/NDF : 72165.1/8

Left In: 4069.946+/-1.216 χ^2/NDF : 44773.6/8

diff_bpm12Y_mean vs slug



Right In: 5.611 ± 1.460 χ^2/NDF : 5.9/10

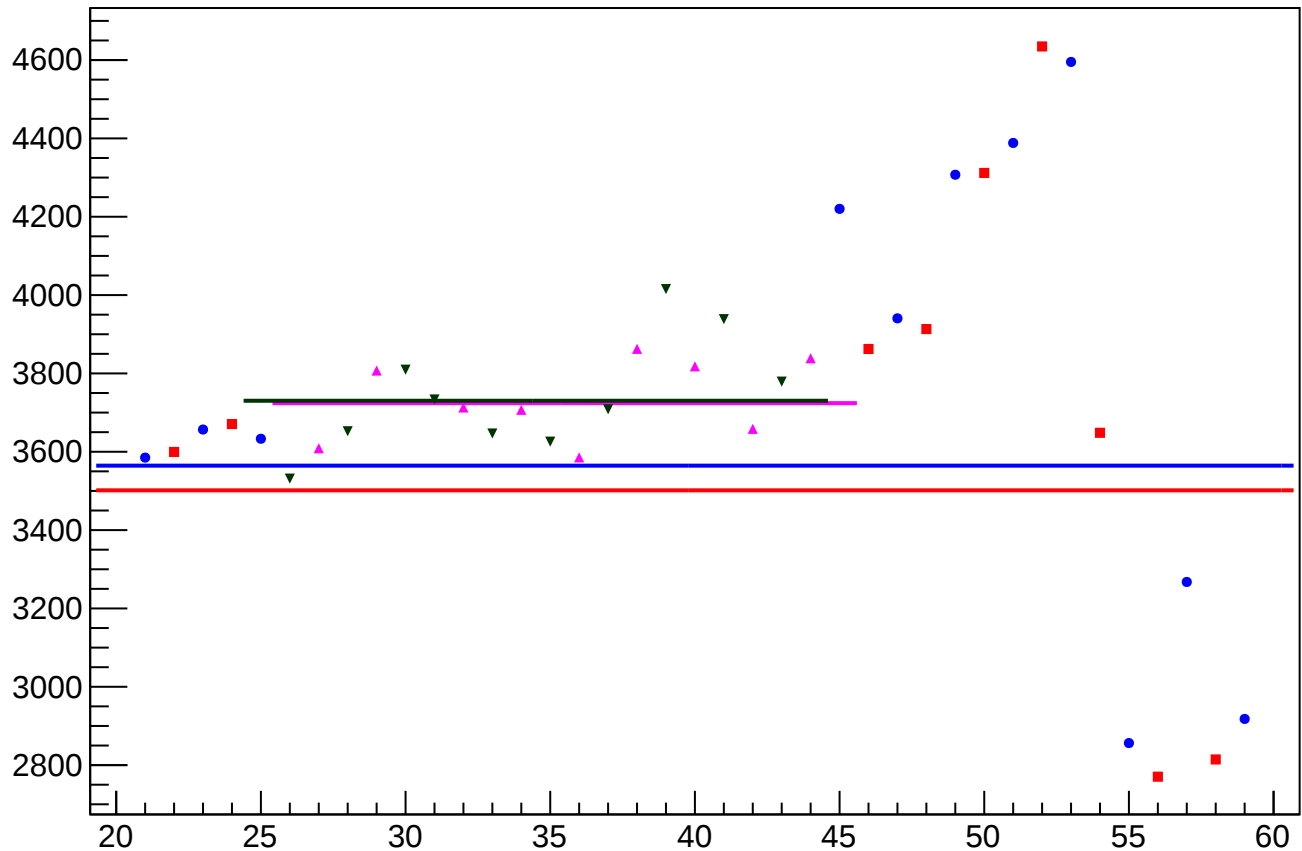
Left Out: 1.206 ± 1.635 χ^2/NDF : 17.1/9

Right Out: 4.903 ± 1.649 χ^2/NDF : 29.2/8

Left In: -0.303 ± 1.568 χ^2/NDF : 14.1/8

2.944 ± 0.786 χ^2/NDF : 76.4/38

diff_bpm12Y_rms vs slug



Right In: 3564.540+/-1.033 χ^2/NDF : 328793.1/10

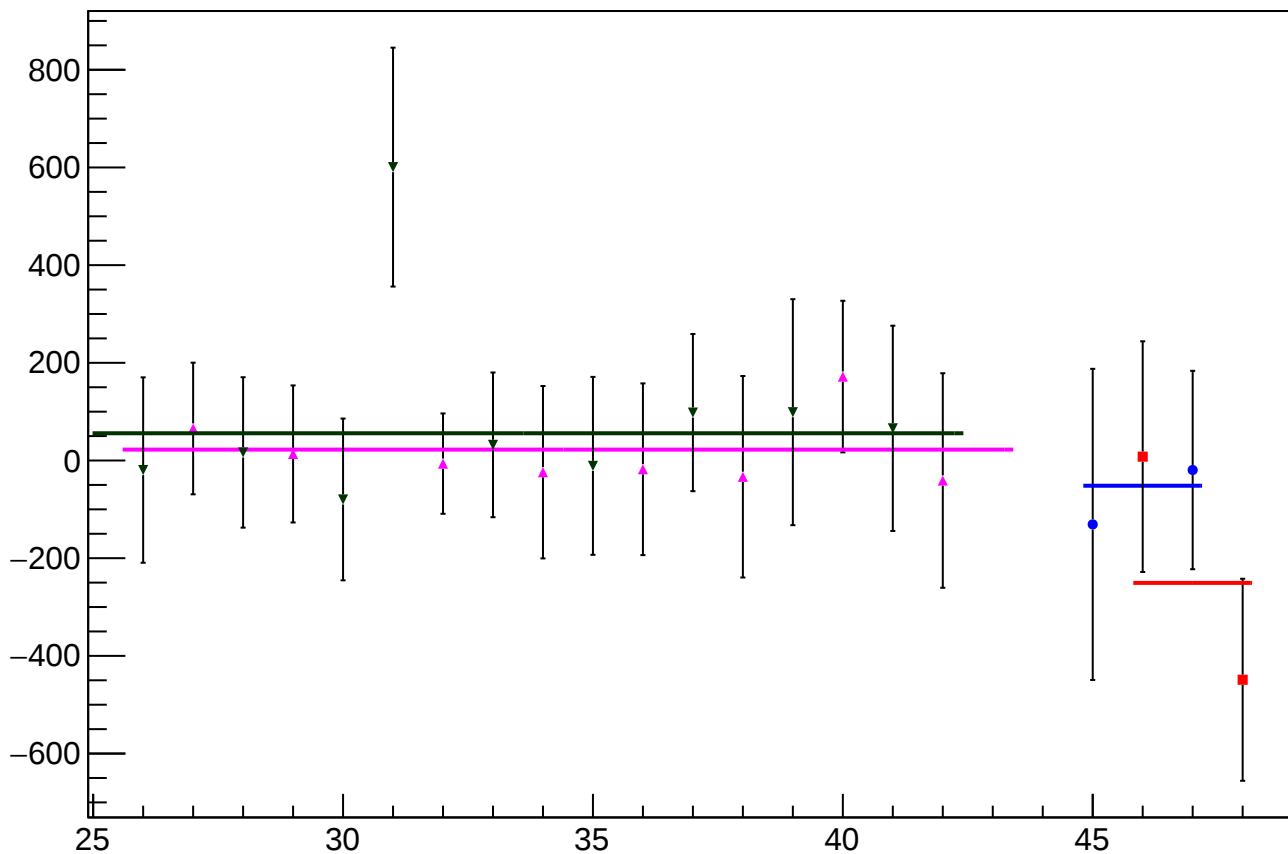
Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

3628.682+/-0.556 χ^2/NDF : 632509.8/38

Right Out: 3501.546+/-1.166 χ^2/NDF : 251919.4/8

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 $\pm$ 171.258 χ^2 /NDF: 0.1/1

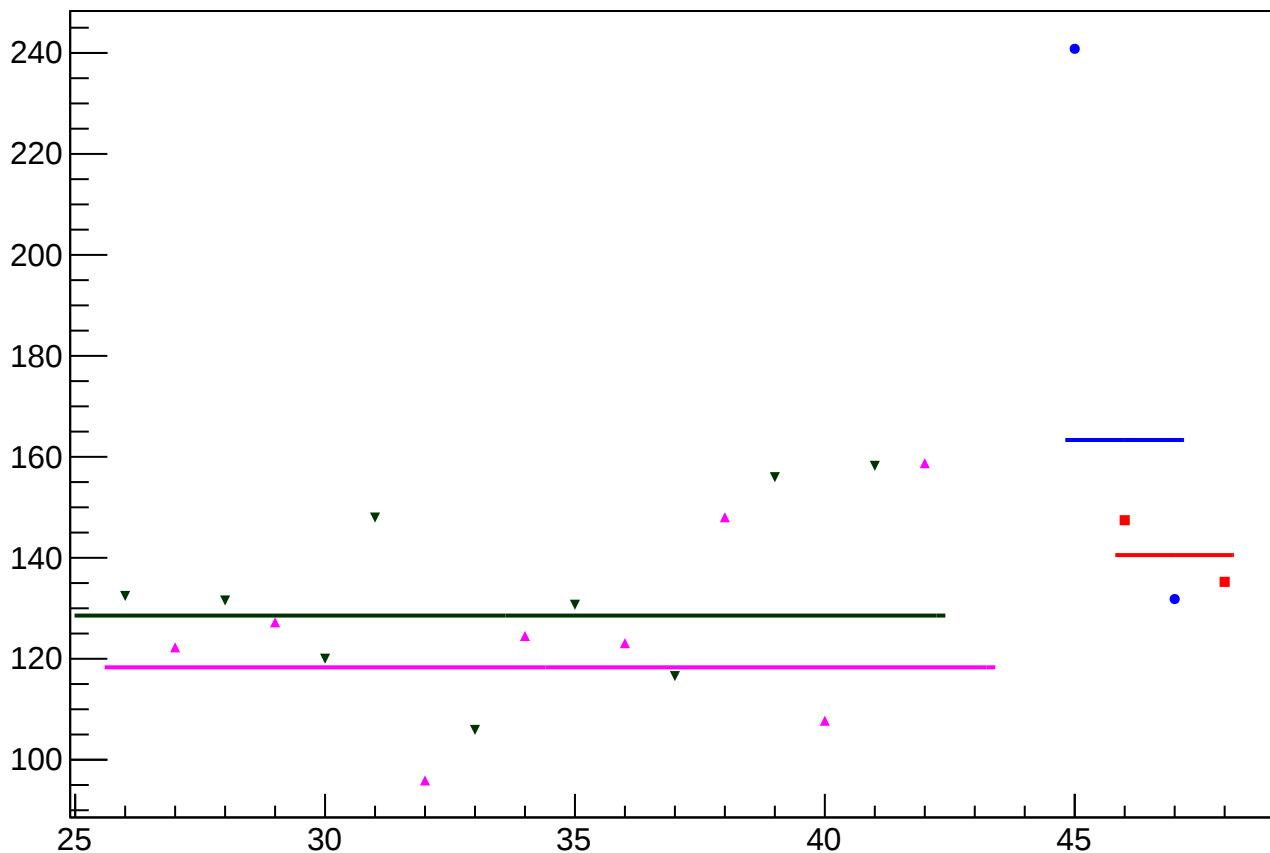
Left Out: 55.788 $\pm$ 59.892 χ^2 /NDF: 6.1/8

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

16.002 $\pm$ 37.663 χ^2 /NDF: 13.3/20

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340+/-0.121 χ^2/NDF : 166487.1/1

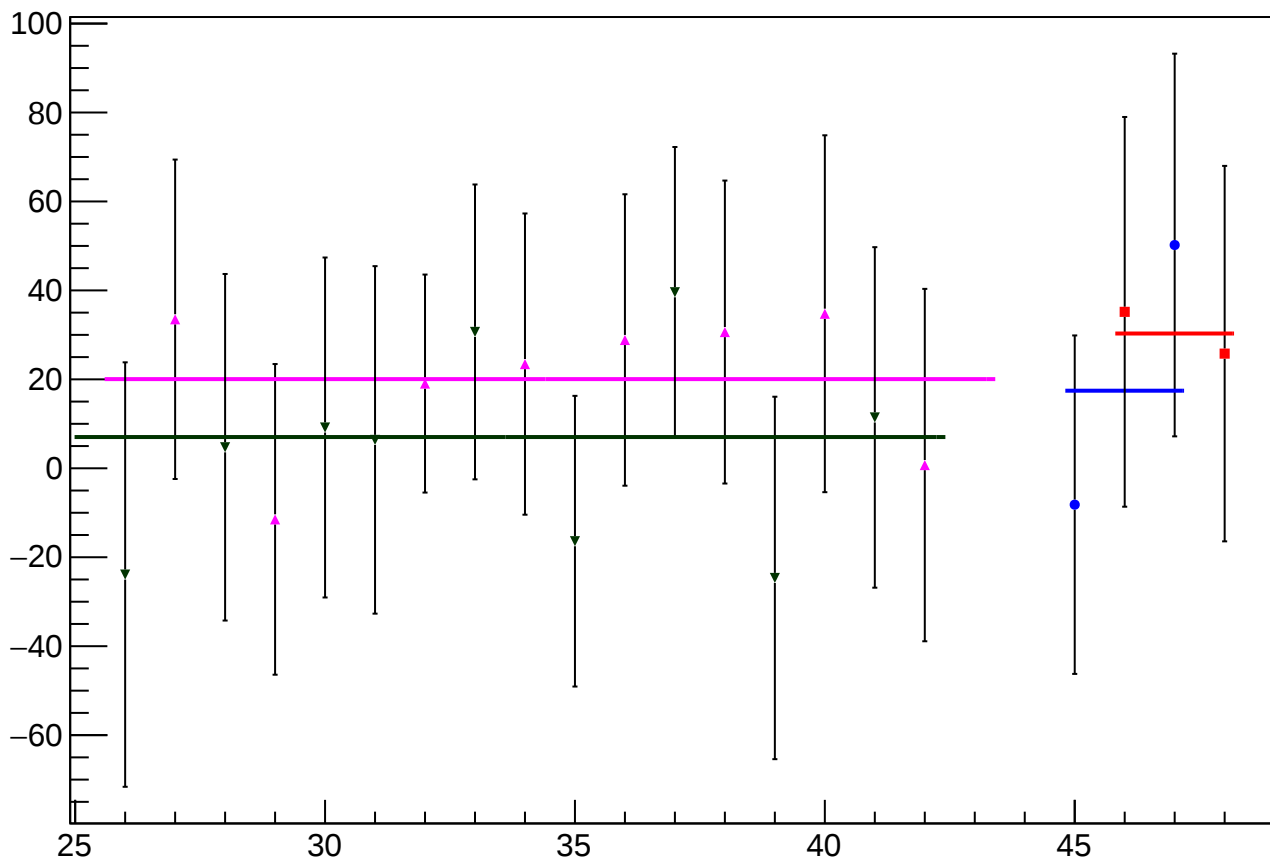
Left Out: 128.560+/-0.042 χ^2/NDF : 145575.3/8

125.844+/-0.027 χ^2/NDF : 700210.1/20

Right Out: 140.541+/-0.110 χ^2/NDF : 3022.7/1

Left In: 118.311+/-0.038 χ^2/NDF : 227483.3/7

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

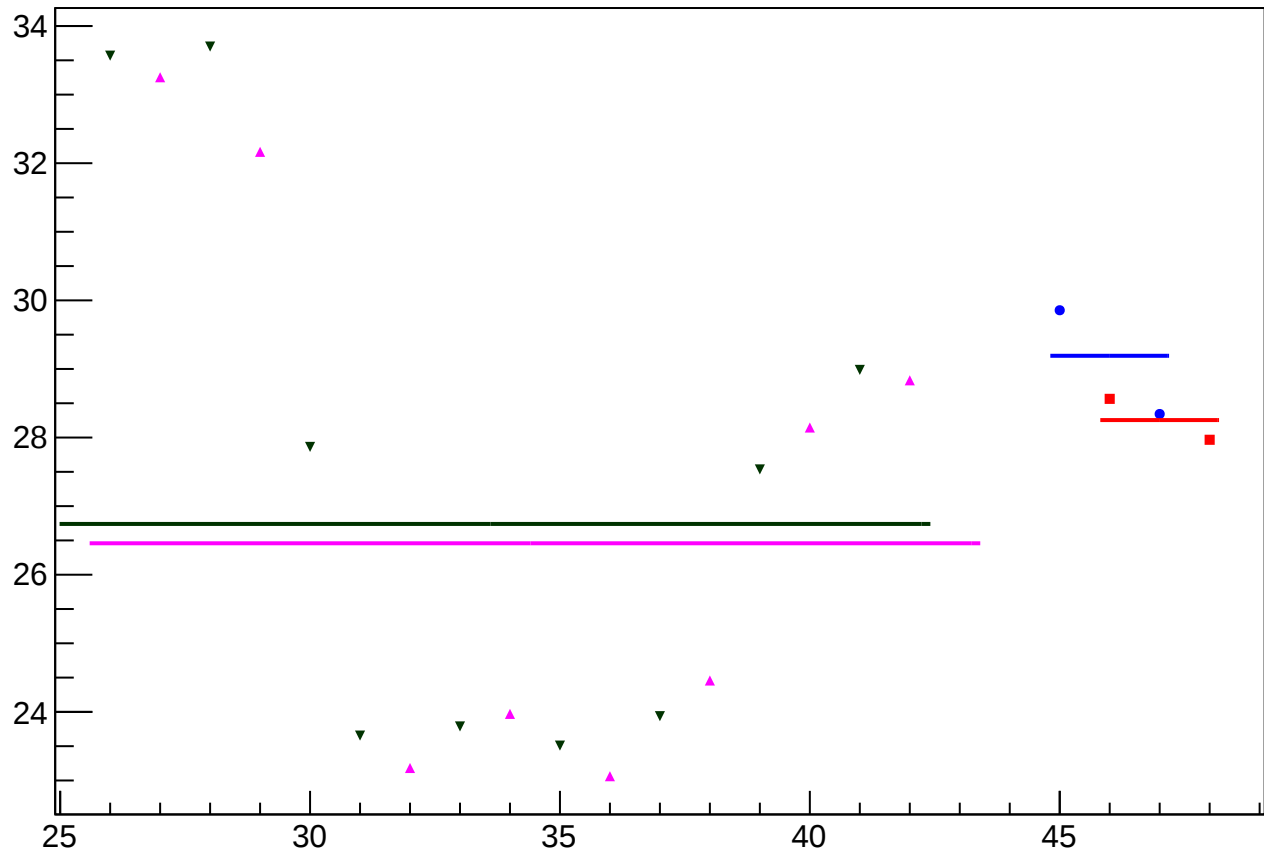
Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

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

15.250 $\pm$ 7.905 χ^2/NDF : 6.5/20

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

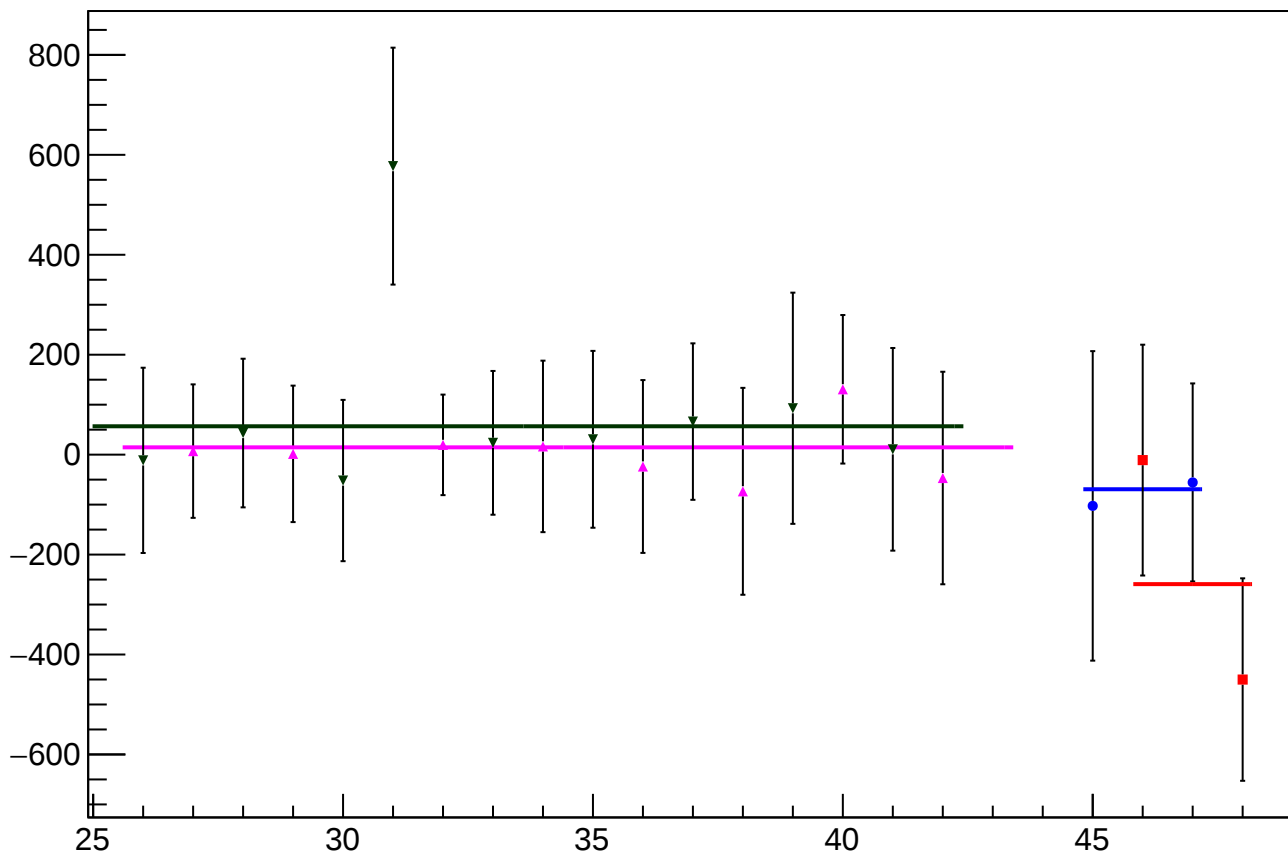
Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

Right Out: 28.255 $\pm$ 0.021 χ^2/NDF : 192.3/1

Left In: 26.458 $\pm$ 0.008 χ^2/NDF : 210657.2/7

26.905 $\pm$ 0.006 χ^2/NDF : 409046.8/20

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

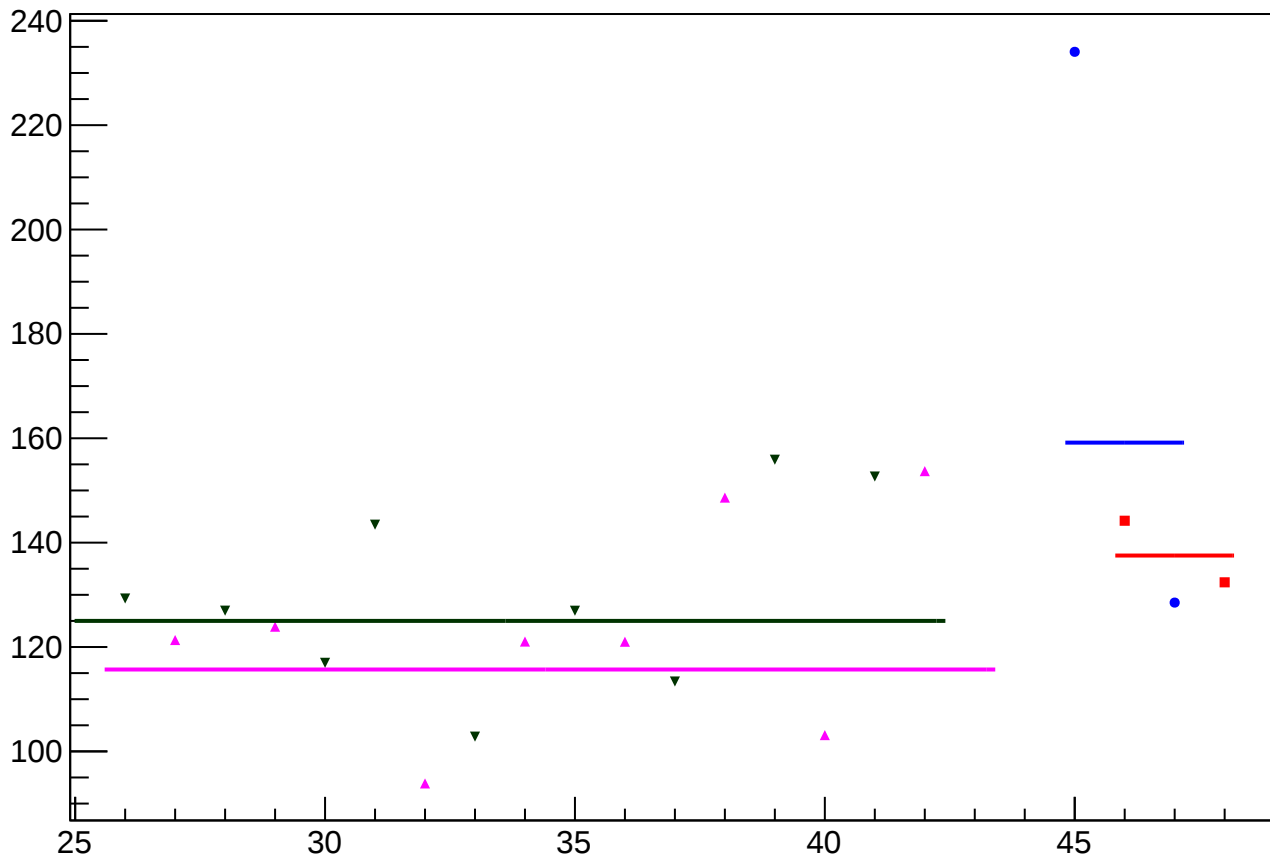
Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

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

11.369 $\pm$ 36.757 χ^2/NDF : 12.6/20

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167+/-0.118 χ^2/NDF : 164807.4/1

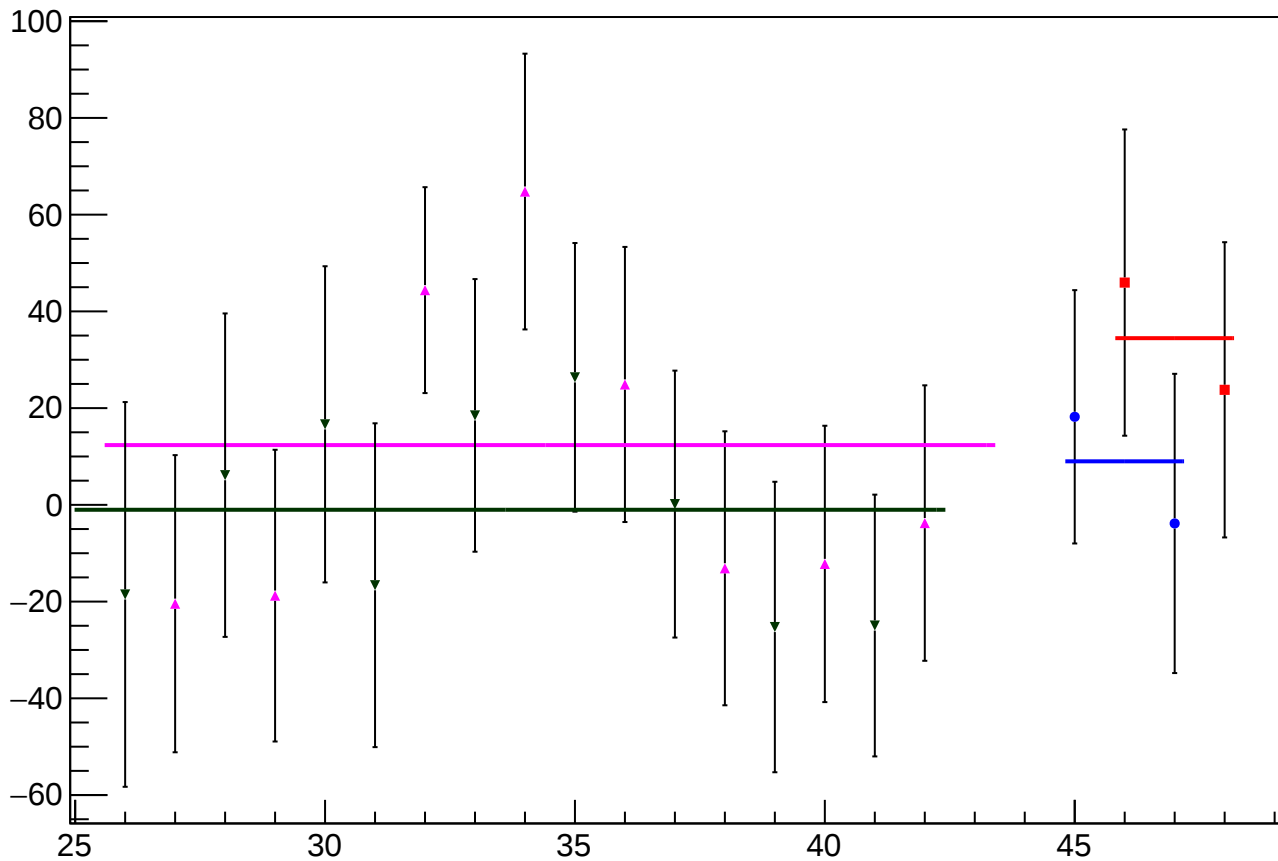
Left Out: 125.005+/-0.041 χ^2/NDF : 150125.6/8

Right Out: 137.529+/-0.108 χ^2/NDF : 2951.2/1

Left In: 115.690+/-0.037 χ^2/NDF : 237670.3/7

122.777+/-0.026 χ^2/NDF : 709134.2/20

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

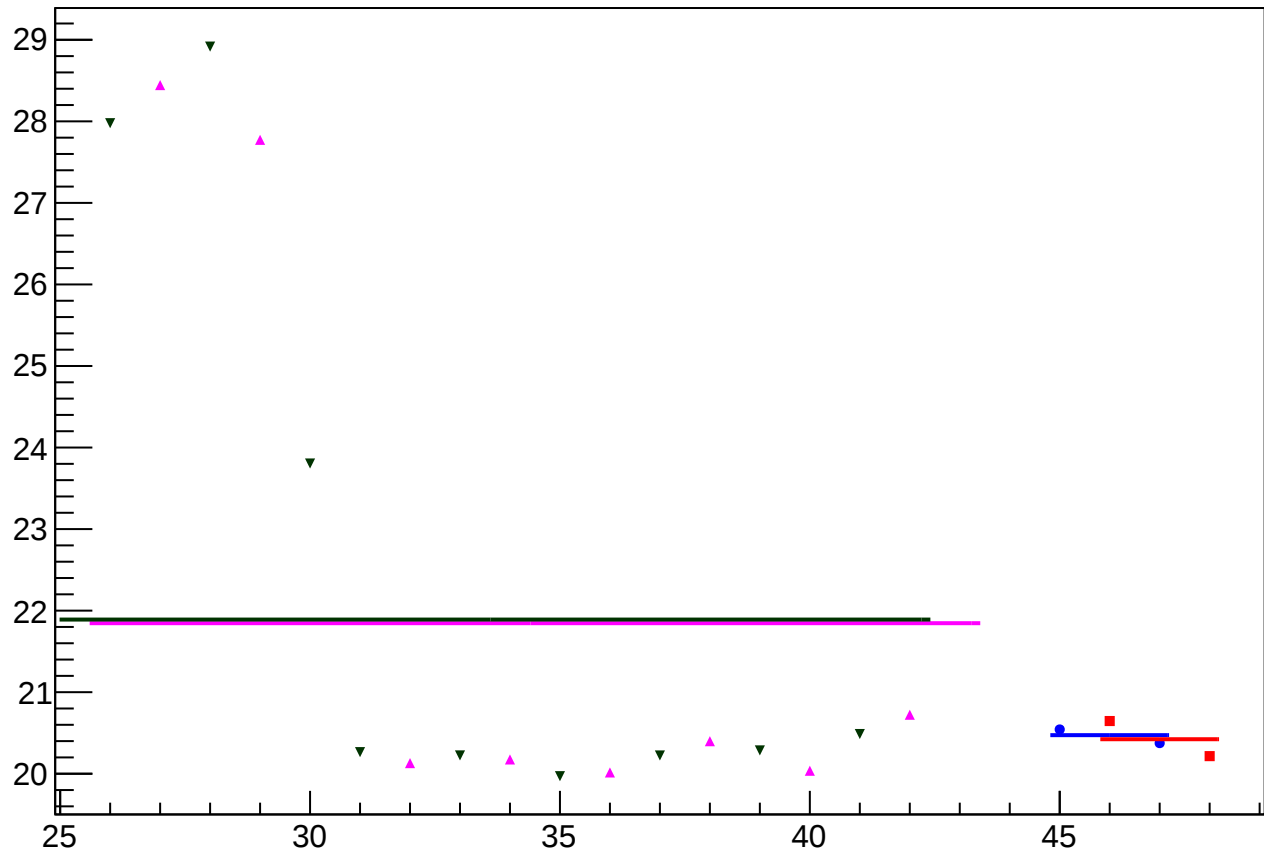
Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

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

8.635 $\pm$ 6.349 χ^2 /NDF: 16.5/20

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473 ± 0.014 χ^2/NDF : 34.2/1

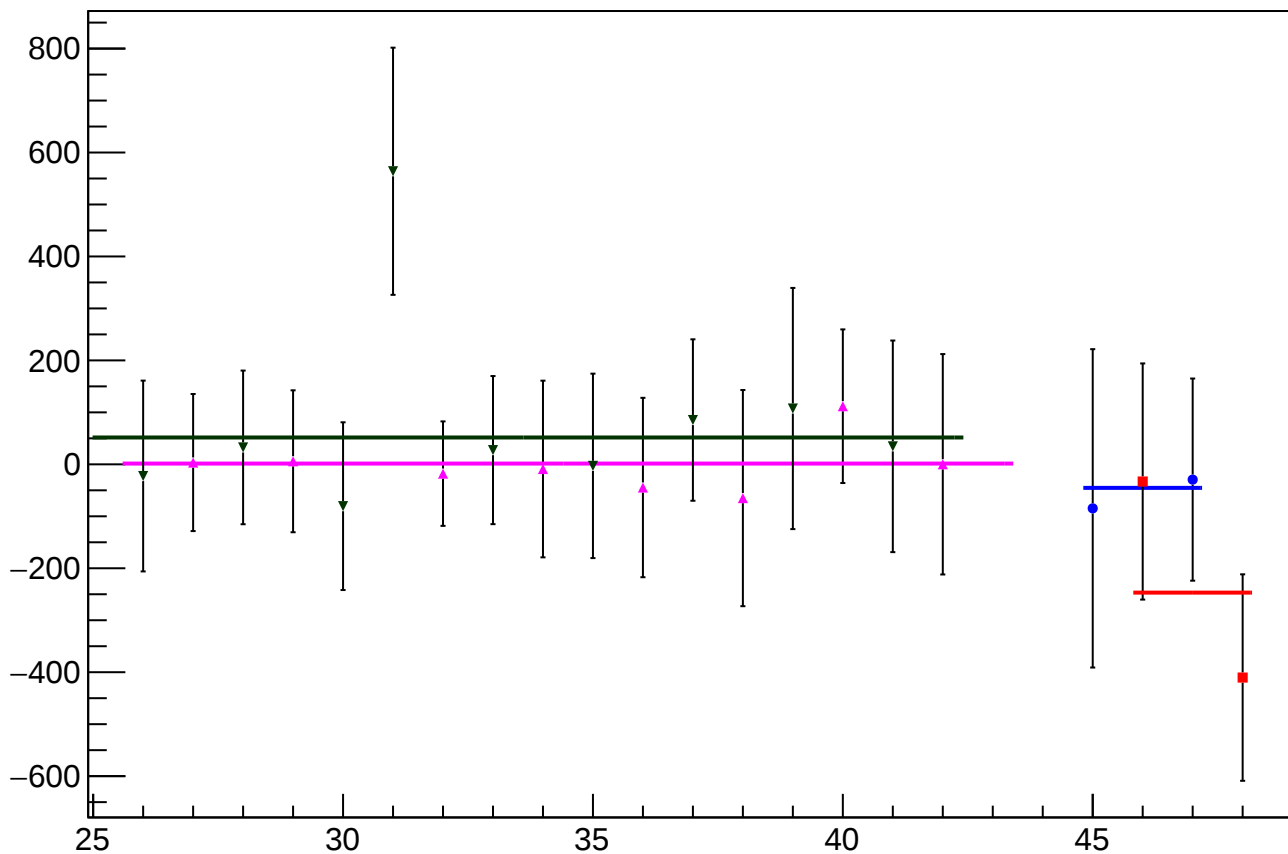
Left Out: 21.890 ± 0.007 χ^2/NDF : 181663.5/8

Right Out: 20.423 ± 0.016 χ^2/NDF : 191.7/1

Left In: 21.846 ± 0.007 χ^2/NDF : 214051.0/7

21.606 ± 0.004 χ^2/NDF : 410945.6/20

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

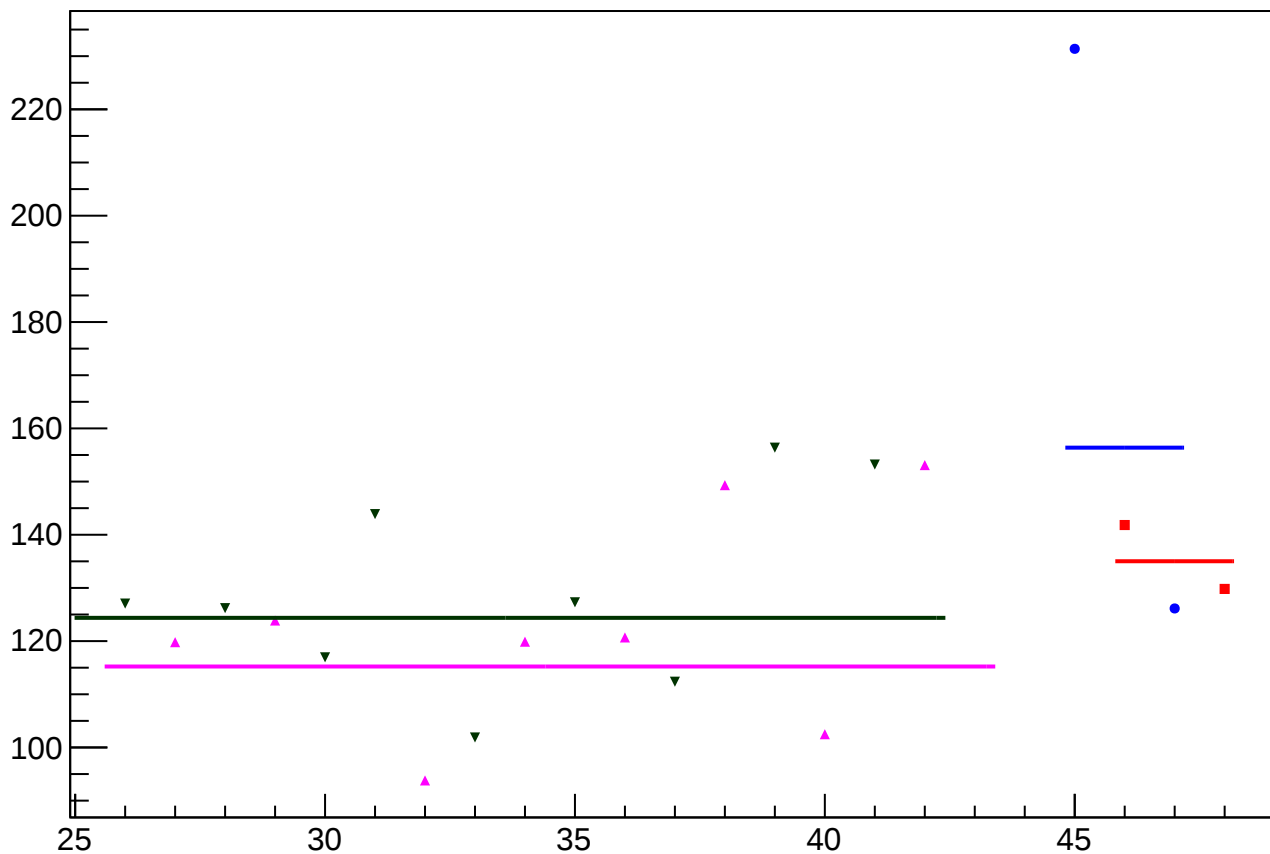
Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

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

4.218 $\pm$ 36.566 χ^2 /NDF: 11.7/20

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

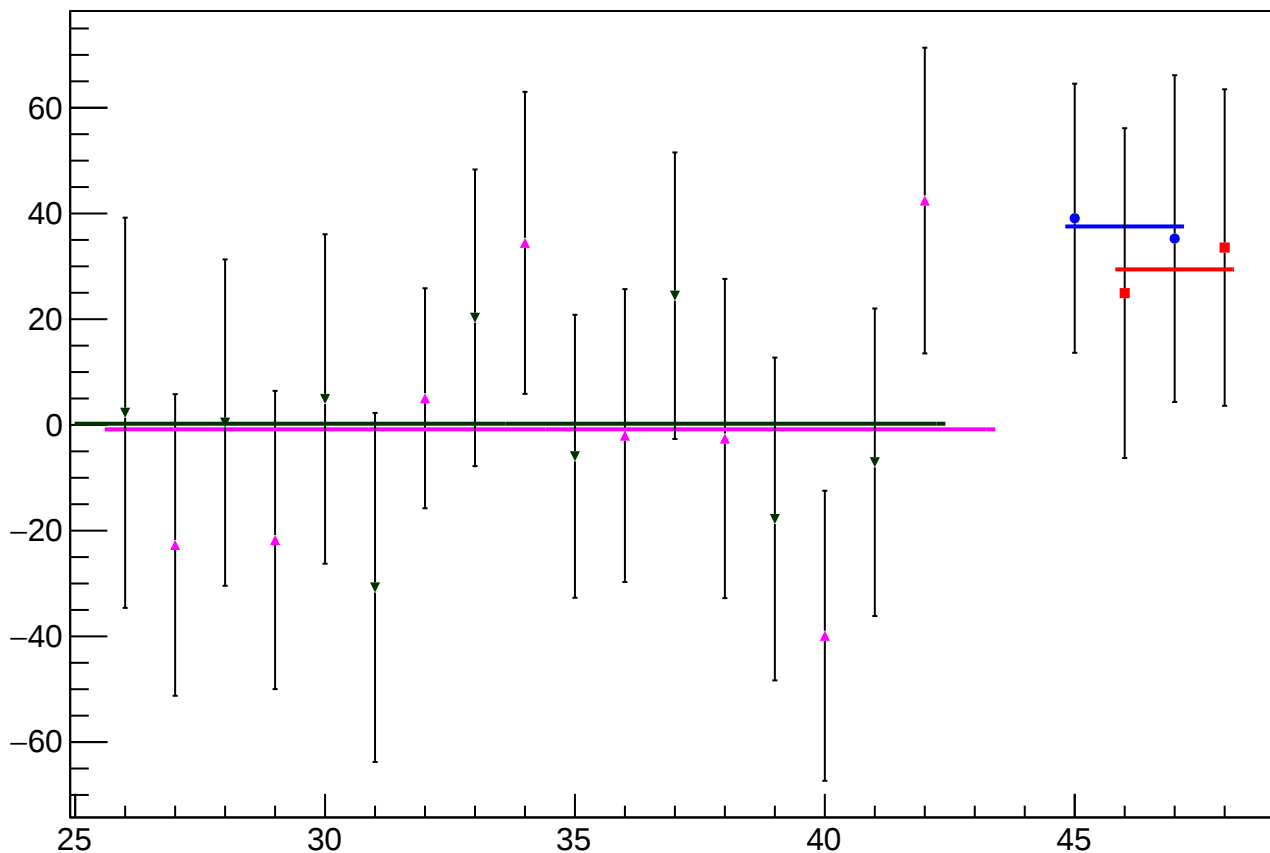
Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF: 158935.2/8

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

122.078 $\pm$ 0.026 χ^2 /NDF: 707649.3/20

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

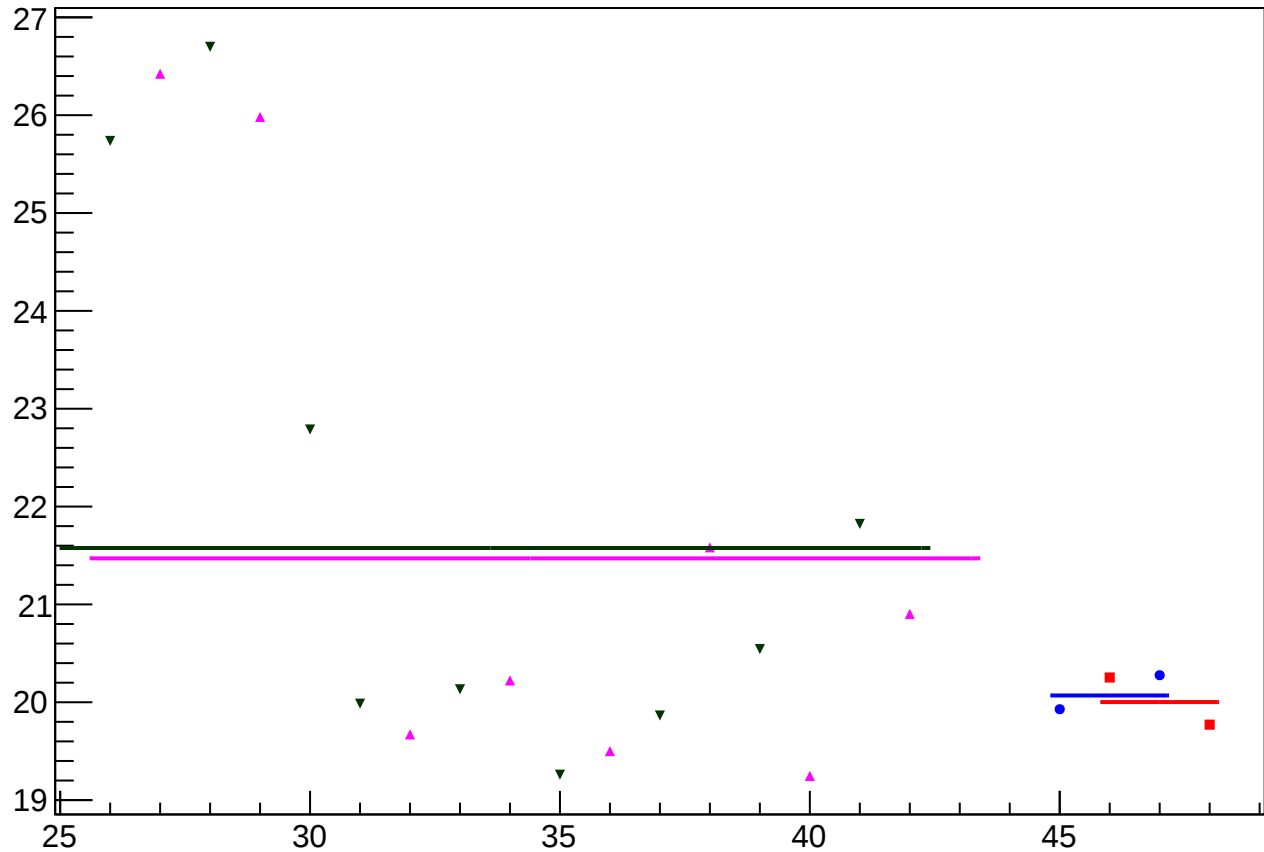
Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

Right Out: 29.423+/-21.601 χ^2/NDF : 0.0/1

Left In: -0.830+/-9.559 χ^2/NDF : 7.0/7

5.978+/-6.239 χ^2/NDF : 14.3/20

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 $\pm$ 0.014 χ^2 /NDF: 150.7/1

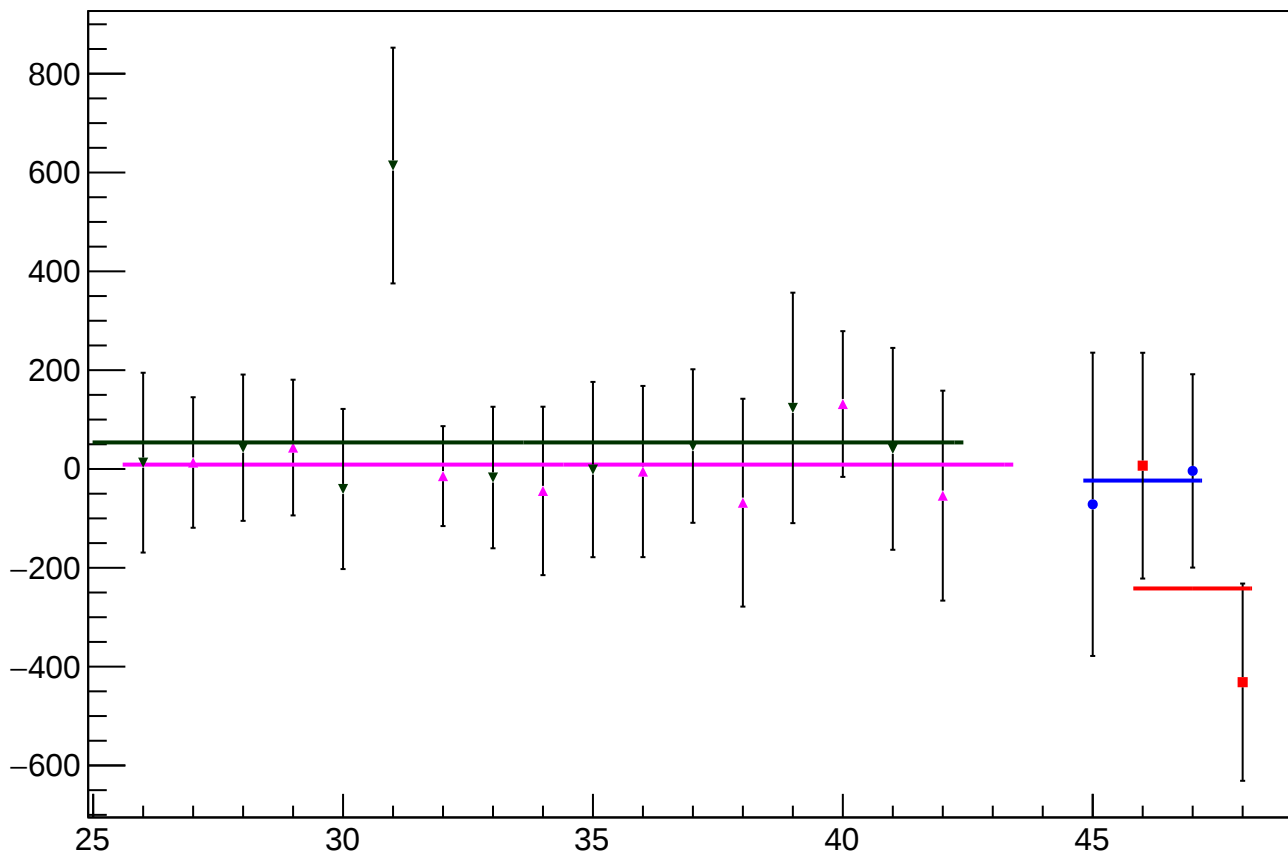
Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF: 118812.1/8

21.248 $\pm$ 0.004 χ^2 /NDF: 290550.7/20

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

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2 /NDF: 0.0/1

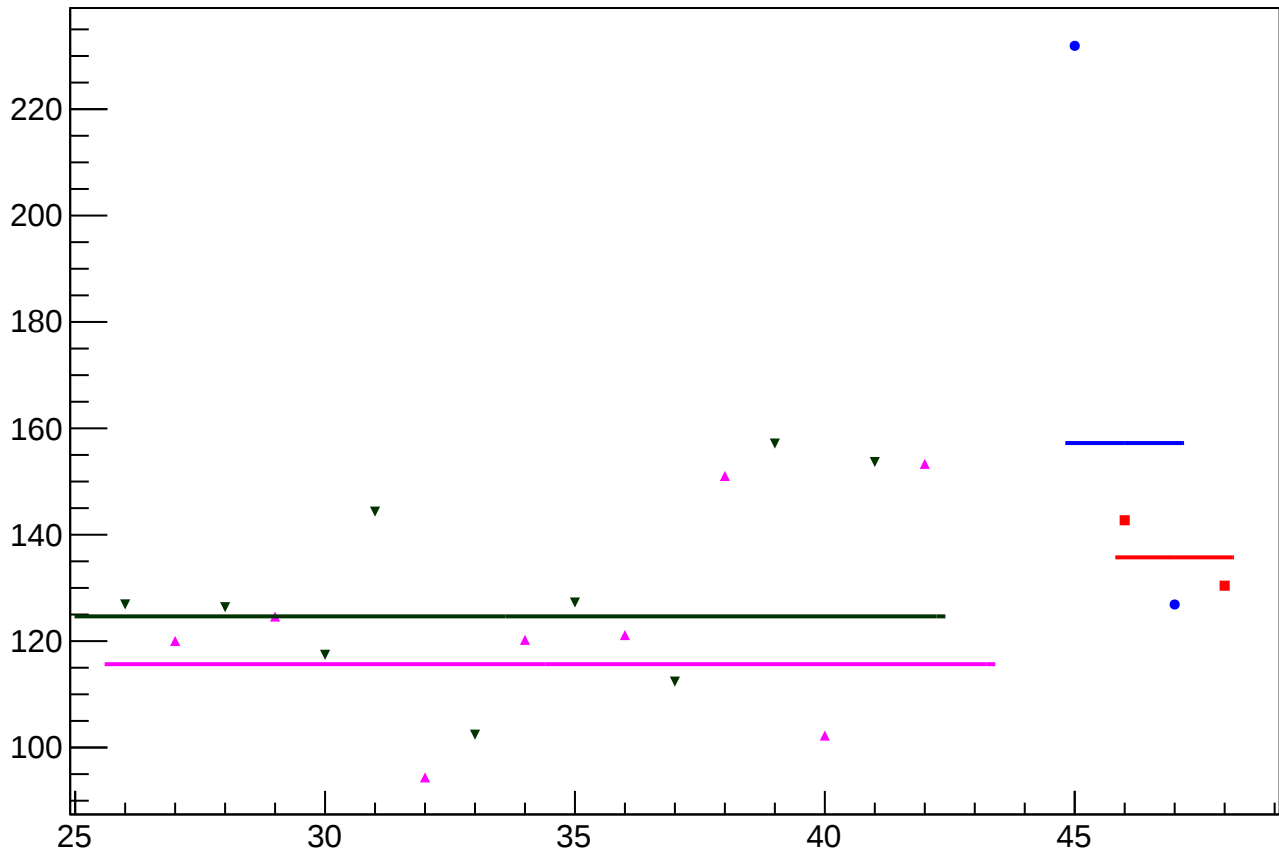
Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF: 6.3/8

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

10.202 $\pm$ 36.676 χ^2 /NDF: 13.0/20

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236+/-0.117 χ^2/NDF : 166522.0/1

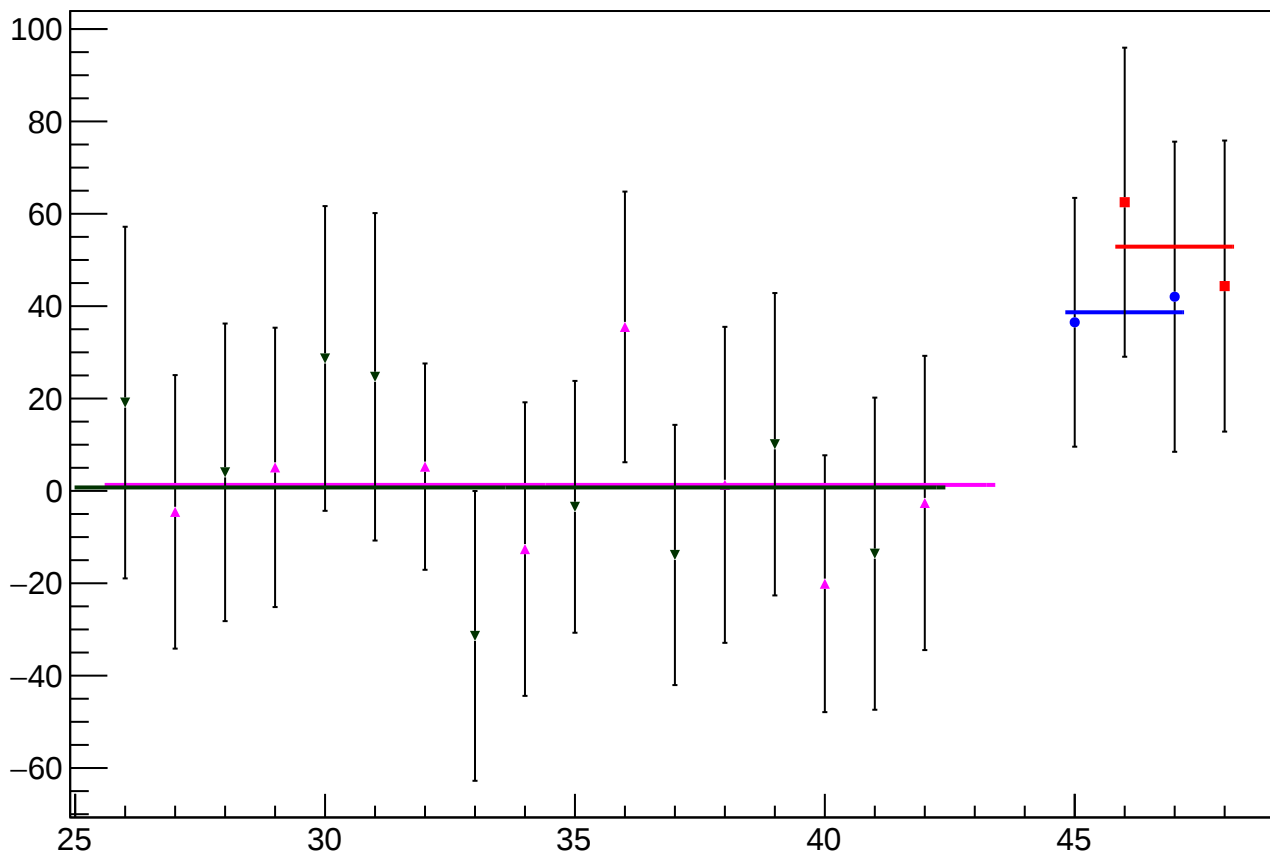
Left Out: 124.654+/-0.041 χ^2/NDF : 158453.5/8

Right Out: 135.746+/-0.106 χ^2/NDF : 3289.9/1

Left In: 115.666+/-0.037 χ^2/NDF : 238759.2/7

122.492+/-0.026 χ^2/NDF : 708203.5/20

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675 $\pm$ 21.011 χ^2/NDF : 0.0/1

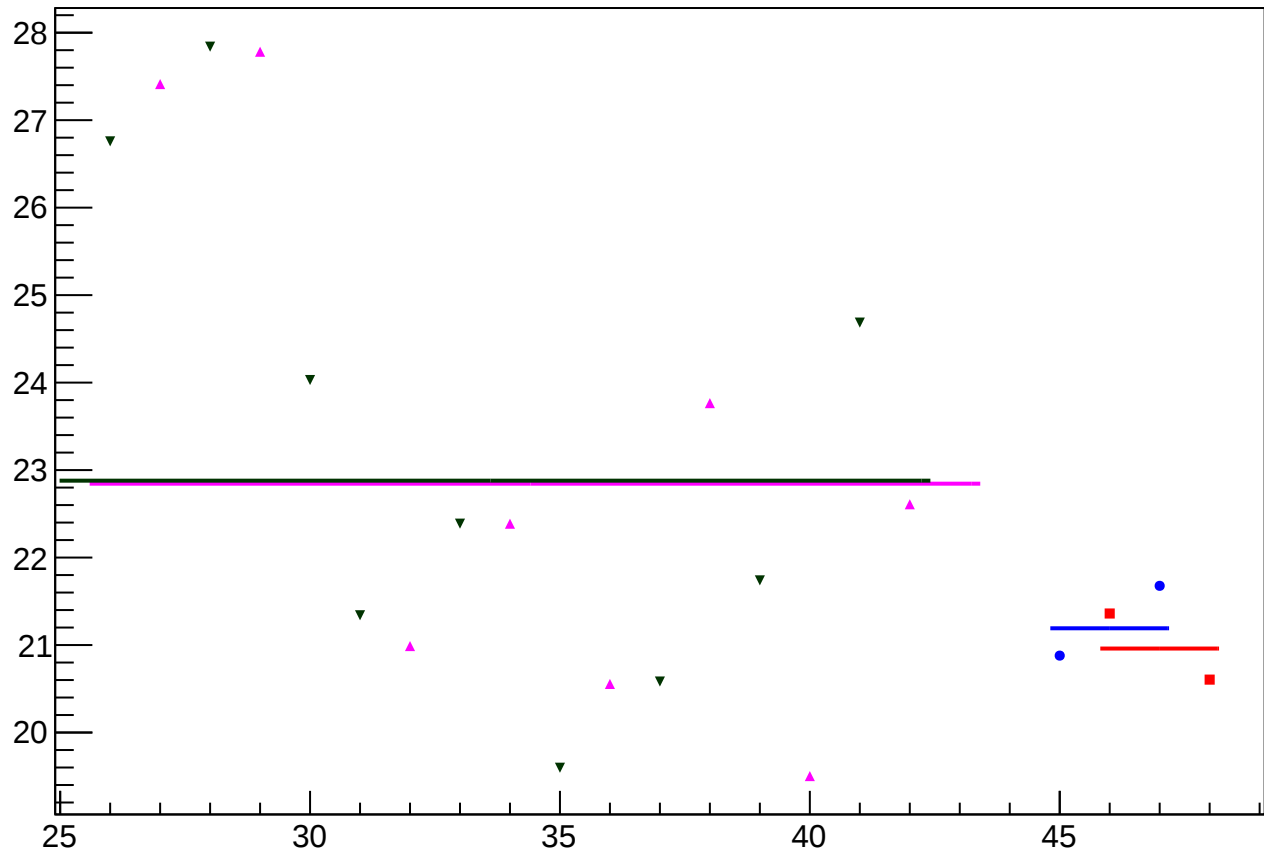
Left Out: 0.747 $\pm$ 10.661 χ^2/NDF : 3.0/8

Right Out: 52.882 $\pm$ 22.940 χ^2/NDF : 0.2/1

Left In: 1.298 $\pm$ 10.246 χ^2/NDF : 2.2/7

9.206 $\pm$ 6.668 χ^2/NDF : 12.3/20

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 $\pm$ 0.015 χ^2 /NDF: 687.1/1

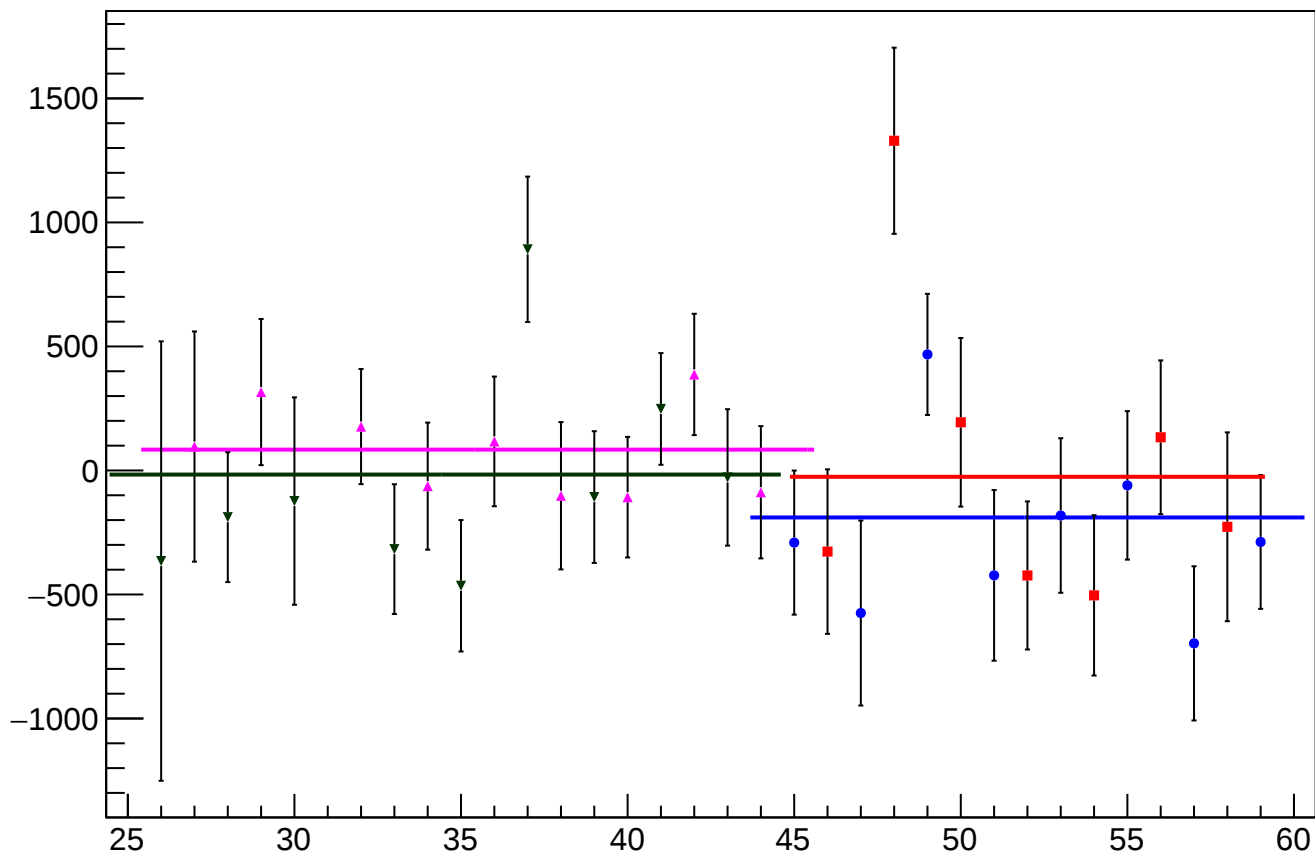
Left Out: 22.879 $\pm$ 0.008 χ^2 /NDF:125279.7/8

Right Out: 20.960 $\pm$ 0.016 χ^2 /NDF: 540.7/1

Left In: 22.845 $\pm$ 0.007 χ^2 /NDF:157790.8/7

22.532 $\pm$ 0.005 χ^2 /NDF: 305811.9/20

asym_sam_15_avg_mean vs slug



Right In: -189.421+/-105.505 χ^2/NDF : 11.9/7

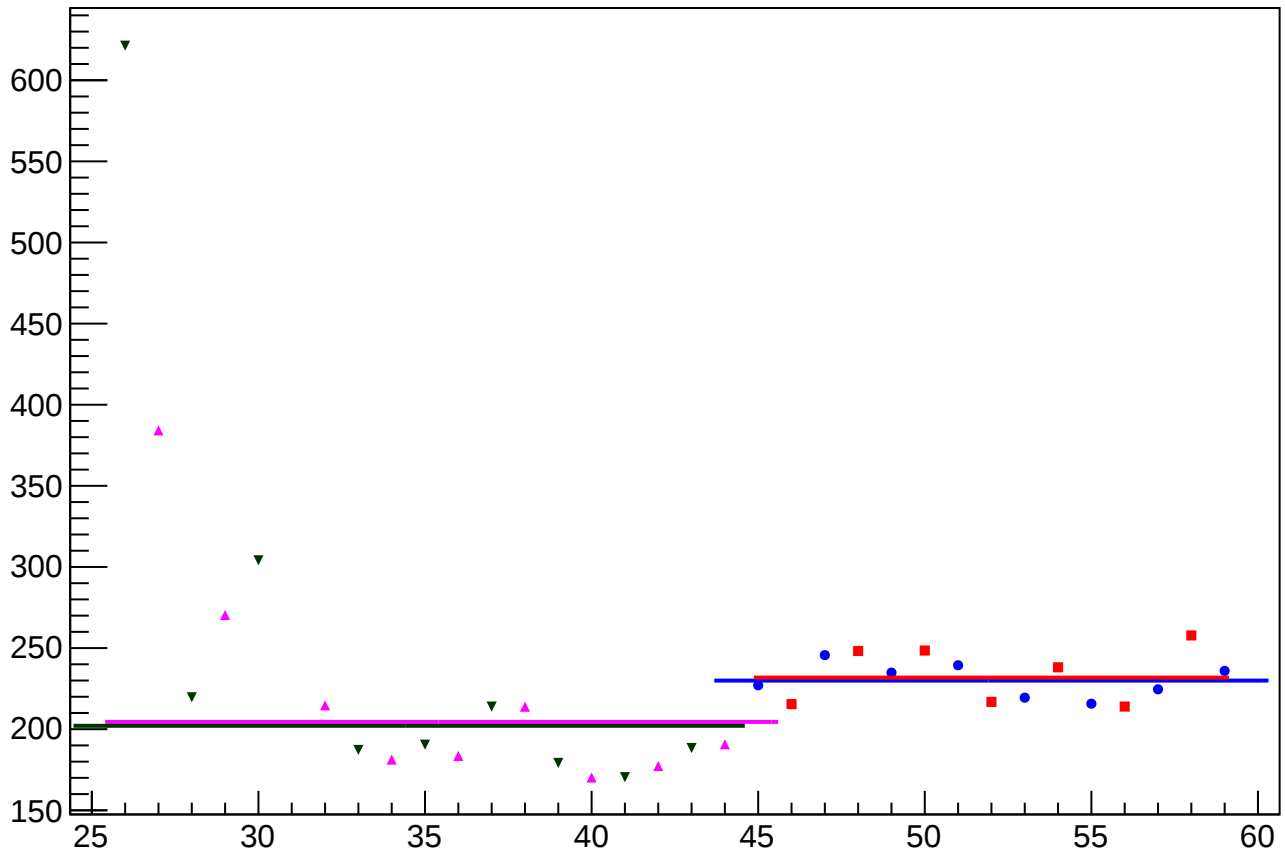
Left Out: -16.498+/-95.684 χ^2/NDF : 15.9/8

Right Out: -25.446+/-126.033 χ^2/NDF : 18.8/6

Left In: 83.982+/-89.928 χ^2/NDF : 4.1/8

-26.023+/-50.920 χ^2/NDF : 54.6/32

asym_sam_15_avg_rms vs slug



Right In: 229.960+/-0.075 χ^2/NDF : 14455.2/7

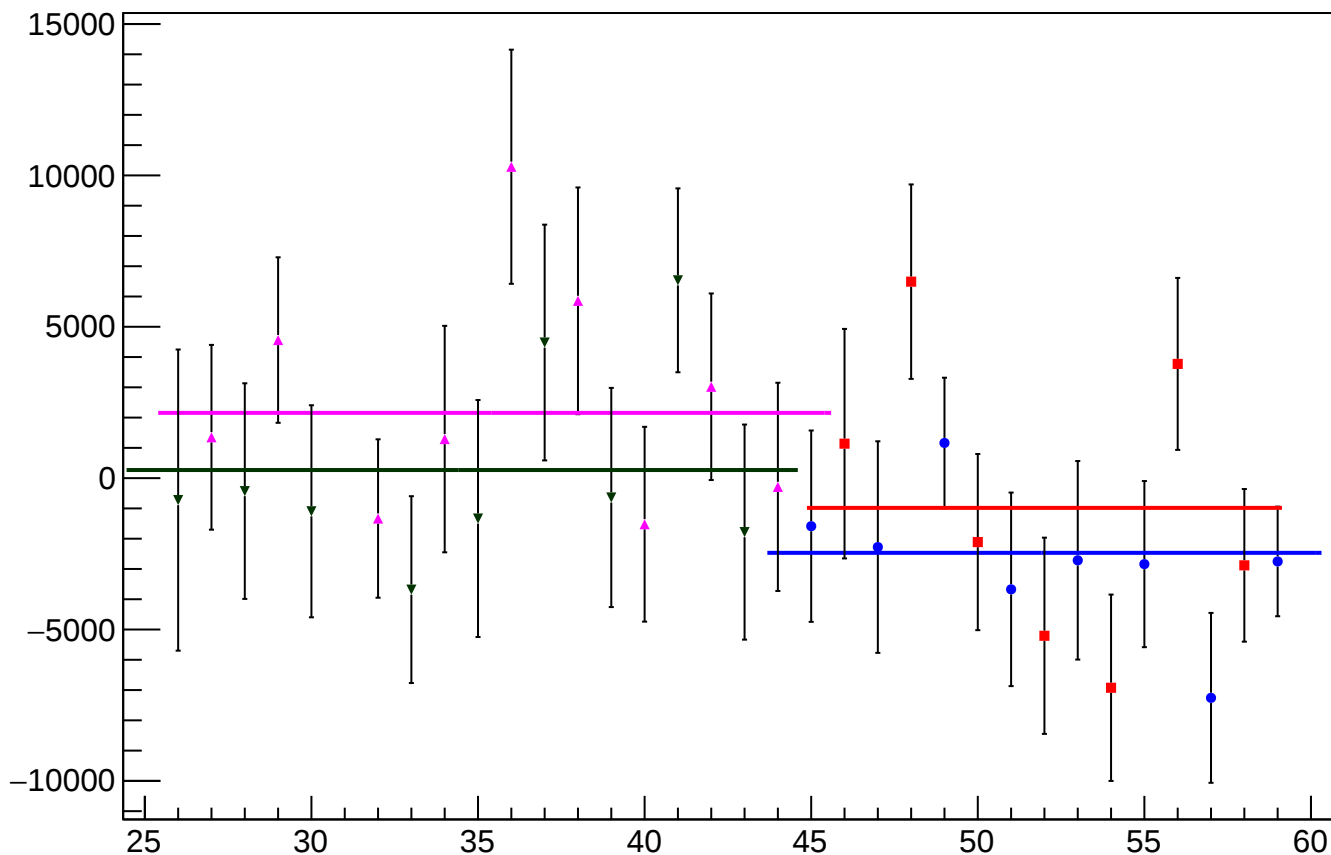
Left Out: 202.088+/-0.068 χ^2/NDF : 648842.0/8

Right Out: 231.786+/-0.089 χ^2/NDF : 35244.6/6

Left In: 204.496+/-0.064 χ^2/NDF : 504865.3/8

214.200+/-0.036 χ^2/NDF : 1342309.8/32

asym_sam_26_avg_mean vs slug



Right In: -2467.043+/-931.211 χ^2/NDF : 6.0/7

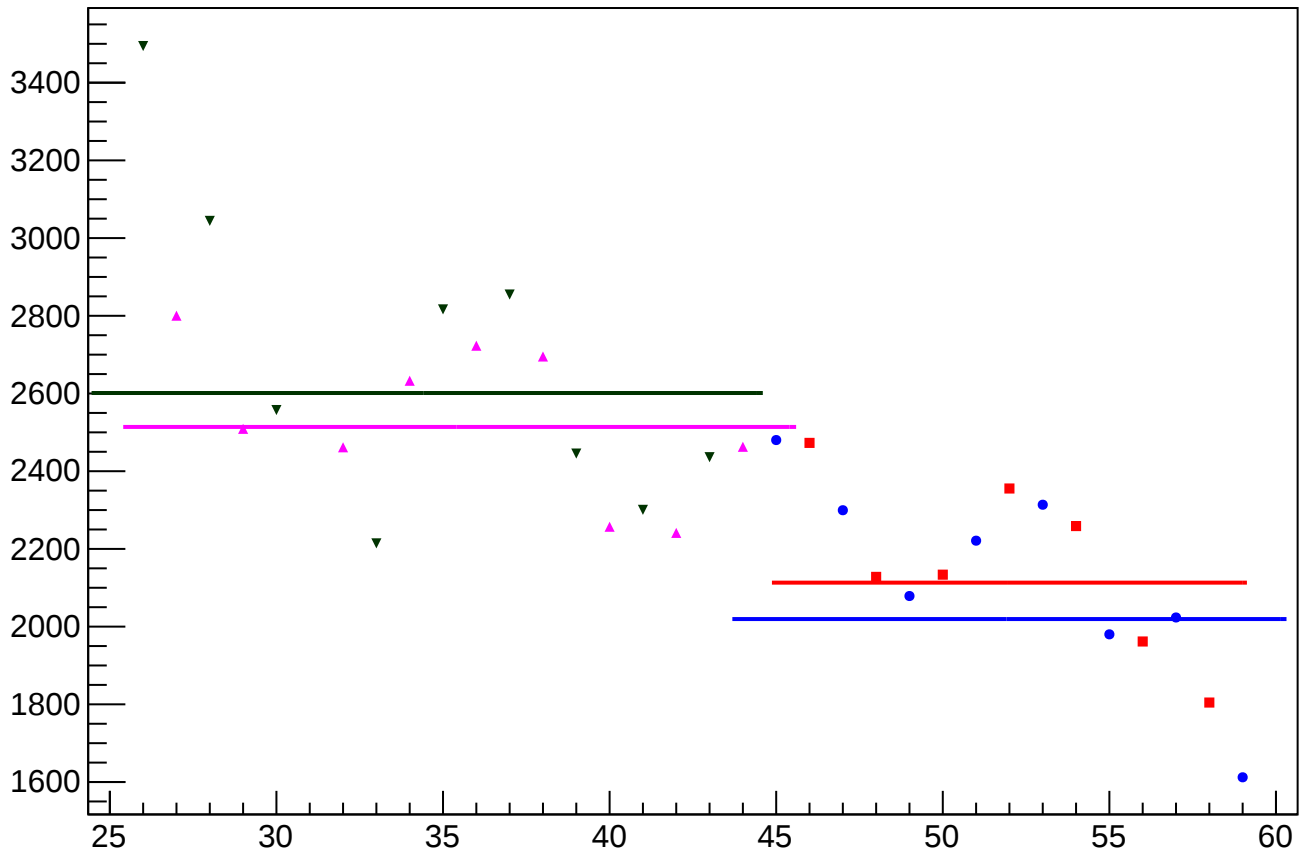
Left Out: 267.989+/-1194.389 χ^2/NDF : 7.9/8

Right Out: -982.029+/-1142.039 χ^2/NDF : 14.7/6

Left In: 2156.296+/-1063.957 χ^2/NDF : 10.0/8

-429.539+/-534.195 χ^2/NDF : 49.8/32

asym_sam_26_avg_rms vs slug



Right In: 2019.476+/-0.658 χ^2/NDF : 182583.1/7

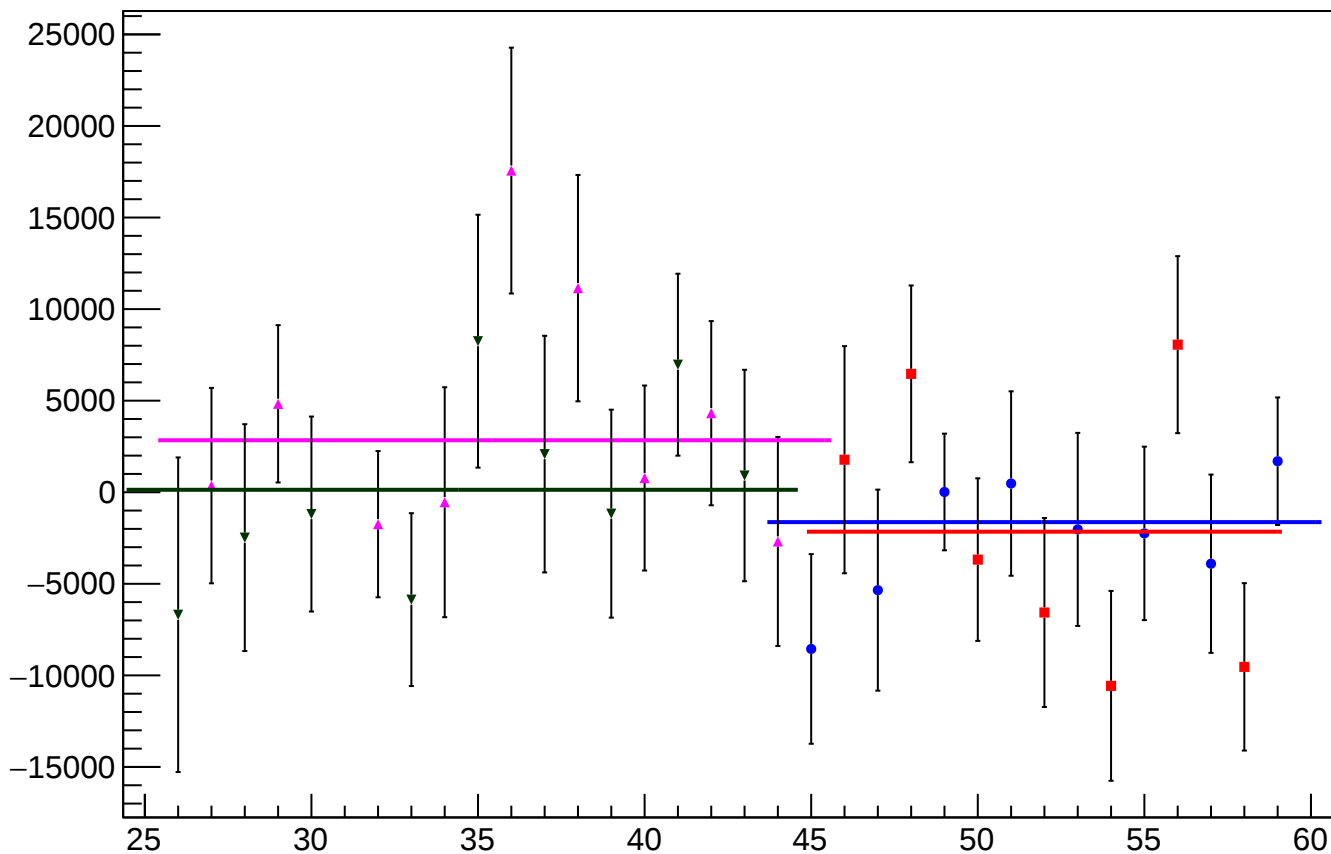
Left Out: 2601.288+/-0.845 χ^2/NDF : 169348.6/8

Right Out: 2113.197+/-0.808 χ^2/NDF : 69460.8/6

Left In: 2513.941+/-0.752 χ^2/NDF : 59816.2/8

2281.013+/-0.378 χ^2/NDF : 921821.8/32

asym_sam_37_avg_mean vs slug



Right In: -1630.895 ± 1554.672 $\chi^2/\text{NDF}: 3.8/7$

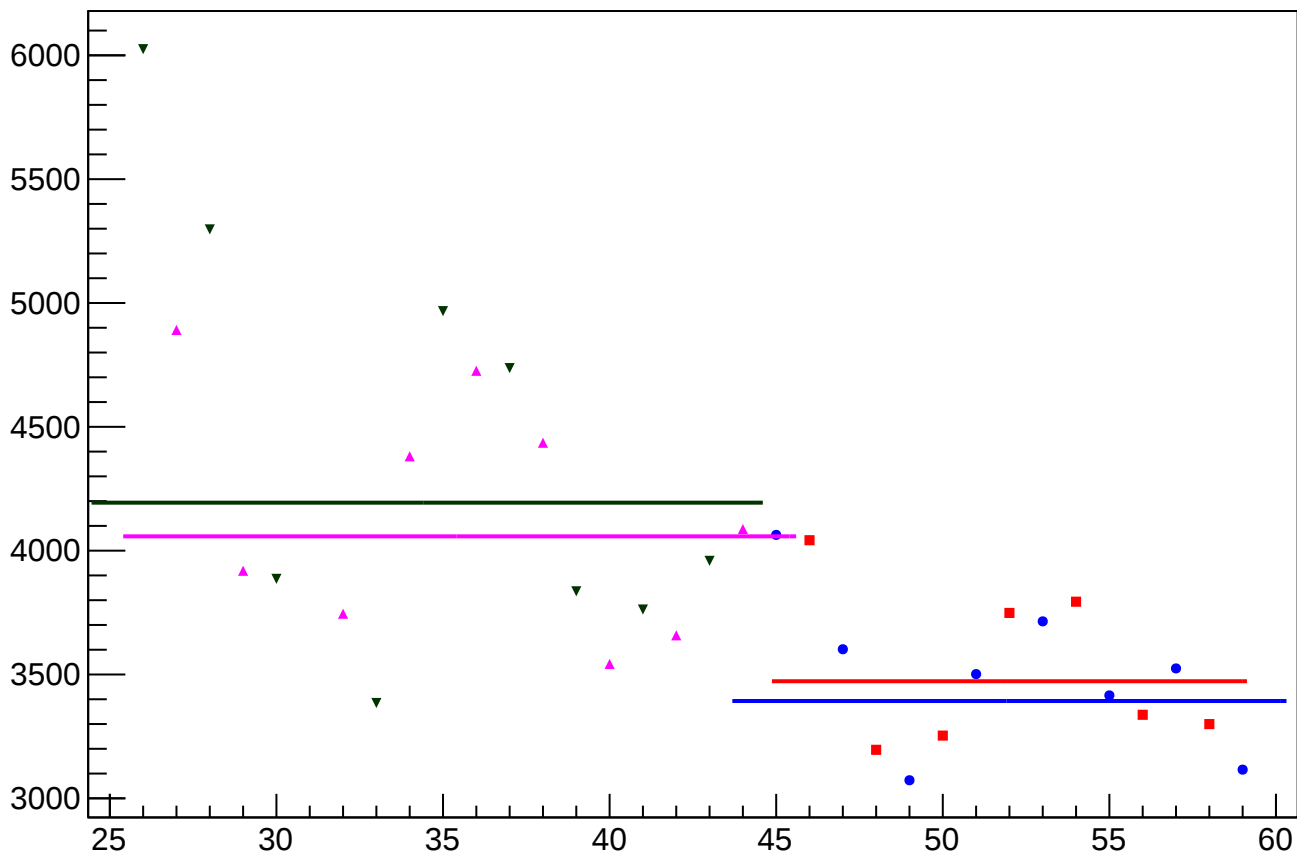
Left Out: 134.076 ± 1937.759 $\chi^2/\text{NDF}: 5.9/8$

Right Out: -2154.093 ± 1872.607 $\chi^2/\text{NDF}: 14.2/6$

Left In: 2838.252 ± 1727.002 $\chi^2/\text{NDF}: 9.8/8$

-231.998 ± 876.886 $\chi^2/\text{NDF}: 38.8/32$

asym_sam_37_avg_rms vs slug



Right In: 3392.990+/-1.099 χ^2/NDF : 79185.5/7

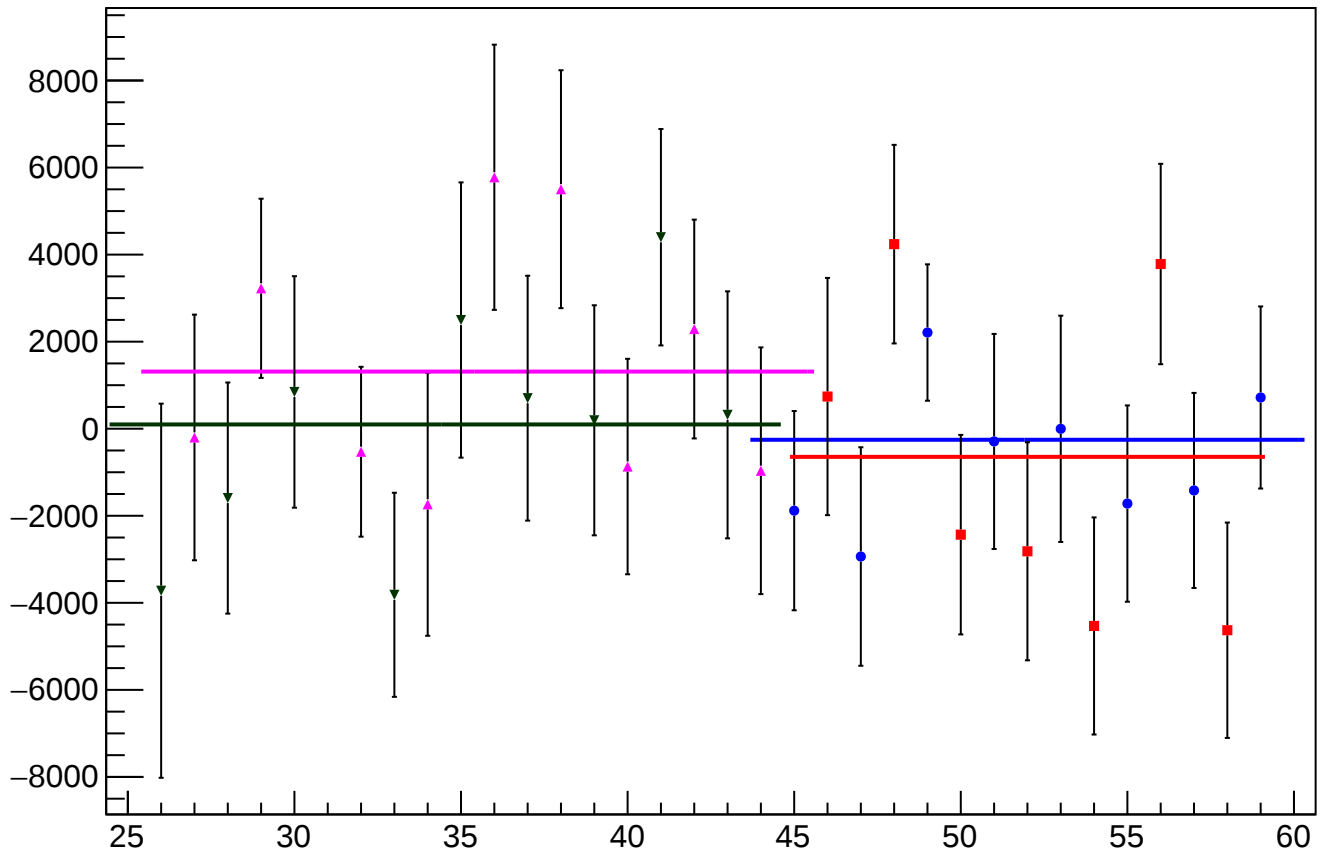
Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

Right Out: 3472.775+/-1.324 χ^2/NDF : 46158.9/6

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

3745.879+/-0.620 χ^2/NDF : 857710.6/32

asym_sam_48_avg_mean vs slug



Right In: -254.003 ± 768.555 $\chi^2/\text{NDF}: 5.0/7$

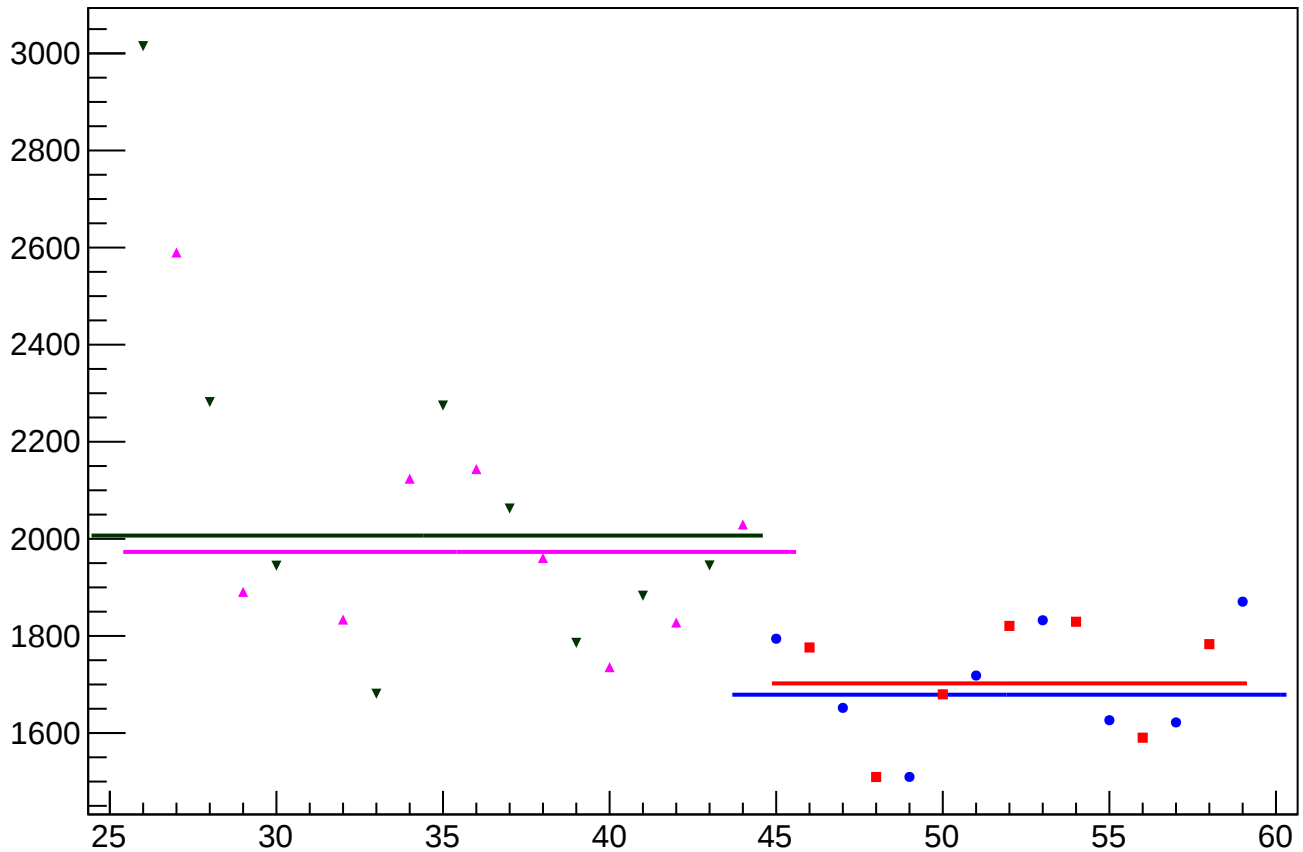
Left Out: 98.183 ± 922.560 $\chi^2/\text{NDF}: 7.7/8$

142.926 ± 427.231 $\chi^2/\text{NDF}: 39.7/32$

Right Out: -646.350 ± 916.967 $\chi^2/\text{NDF}: 14.9/6$

Left In: 1313.019 ± 838.748 $\chi^2/\text{NDF}: 9.1/8$

asym_sam_48_avg_rms vs slug



Right In: 1678.957+/-0.543 χ^2/NDF : 55314.4/7

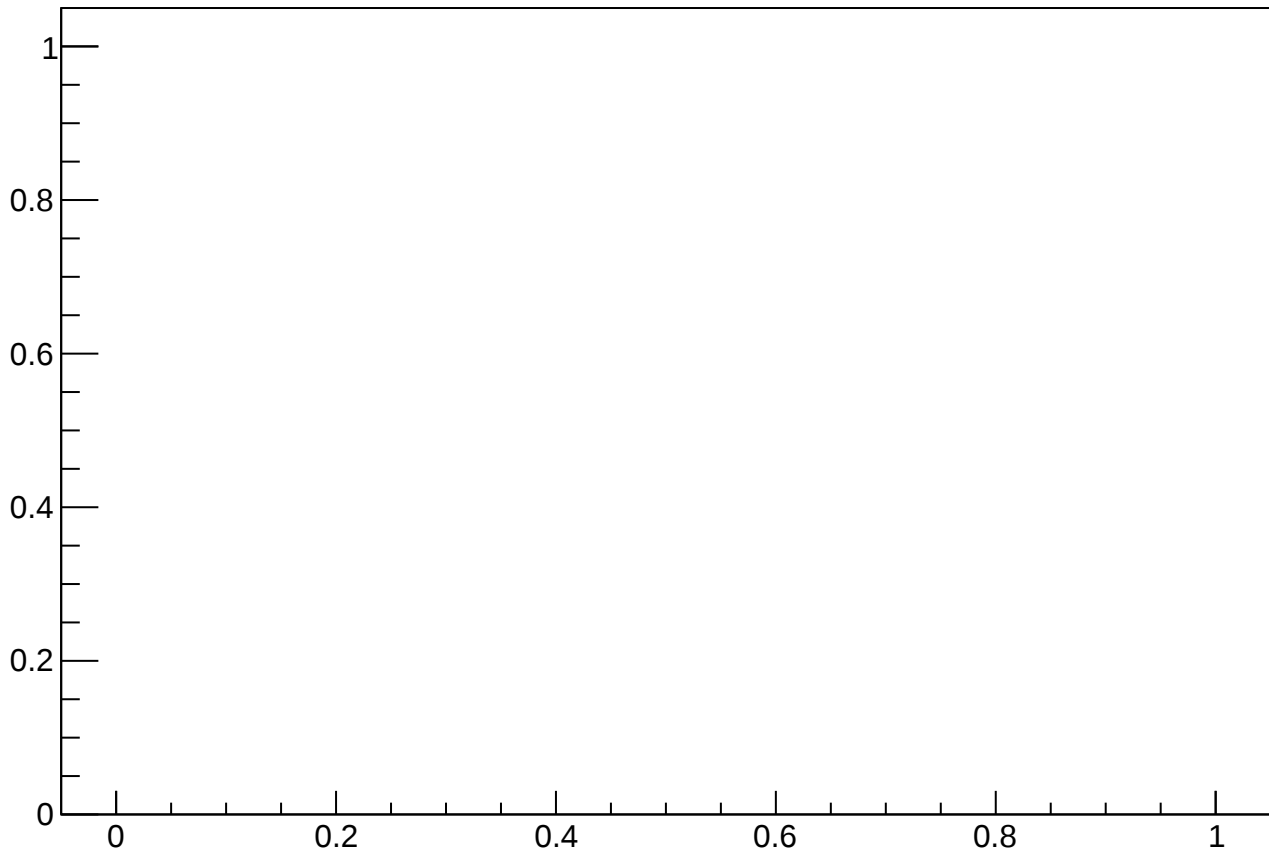
Left Out: 2006.811+/-0.652 χ^2/NDF : 206242.3/8

1830.637+/-0.302 χ^2/NDF : 687899.6/32

Right Out: 1702.261+/-0.648 χ^2/NDF : 32471.7/6

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

yield_sam_15_avg_mean vs slug



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

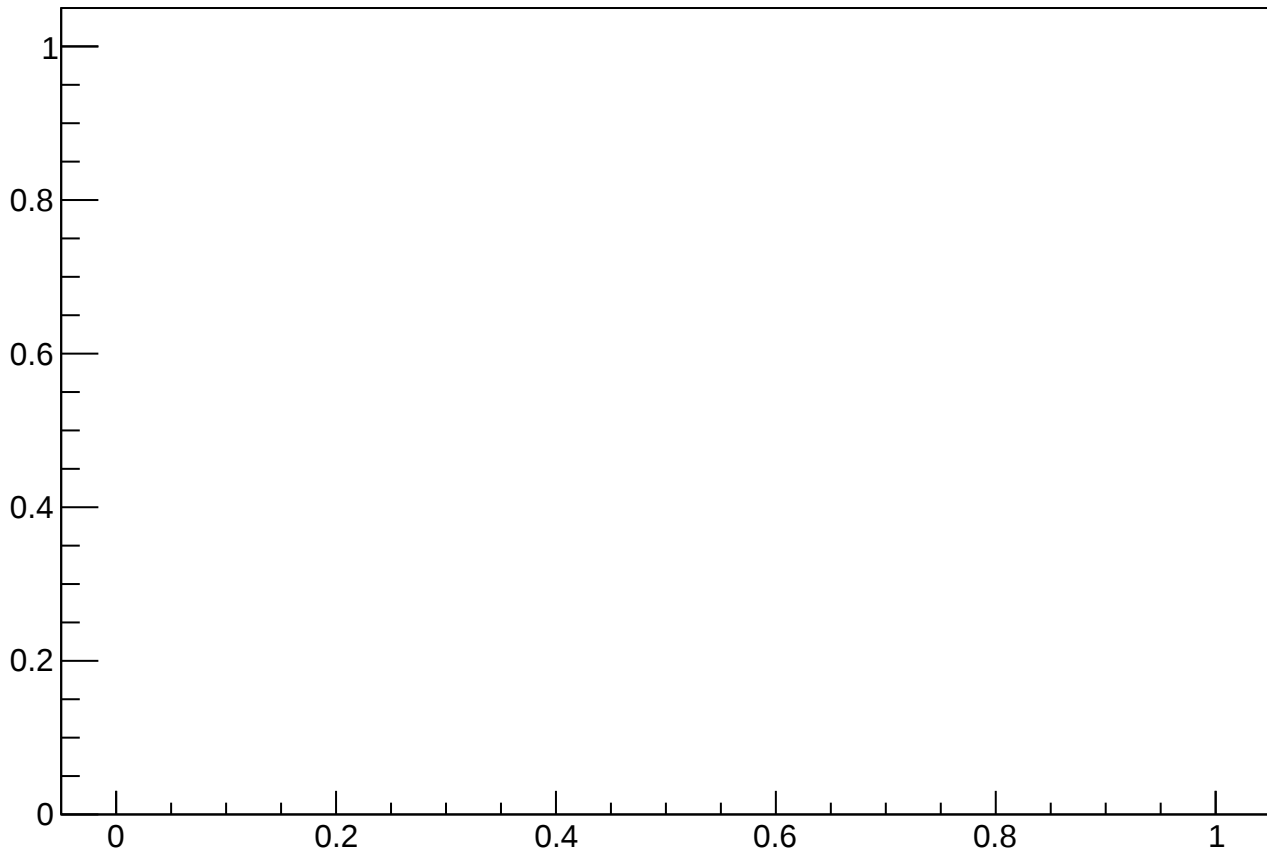
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

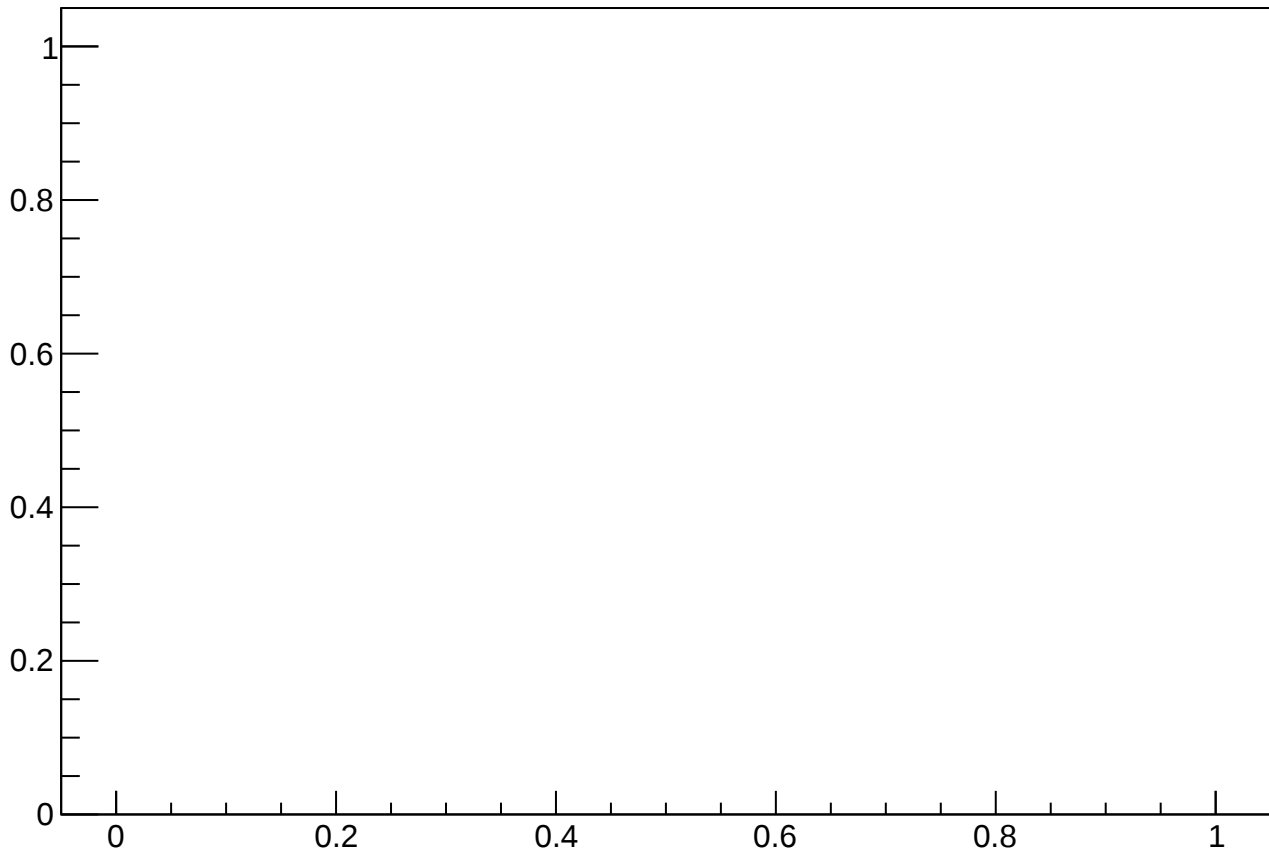
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

yield_sam_26_avg_mean vs slug



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

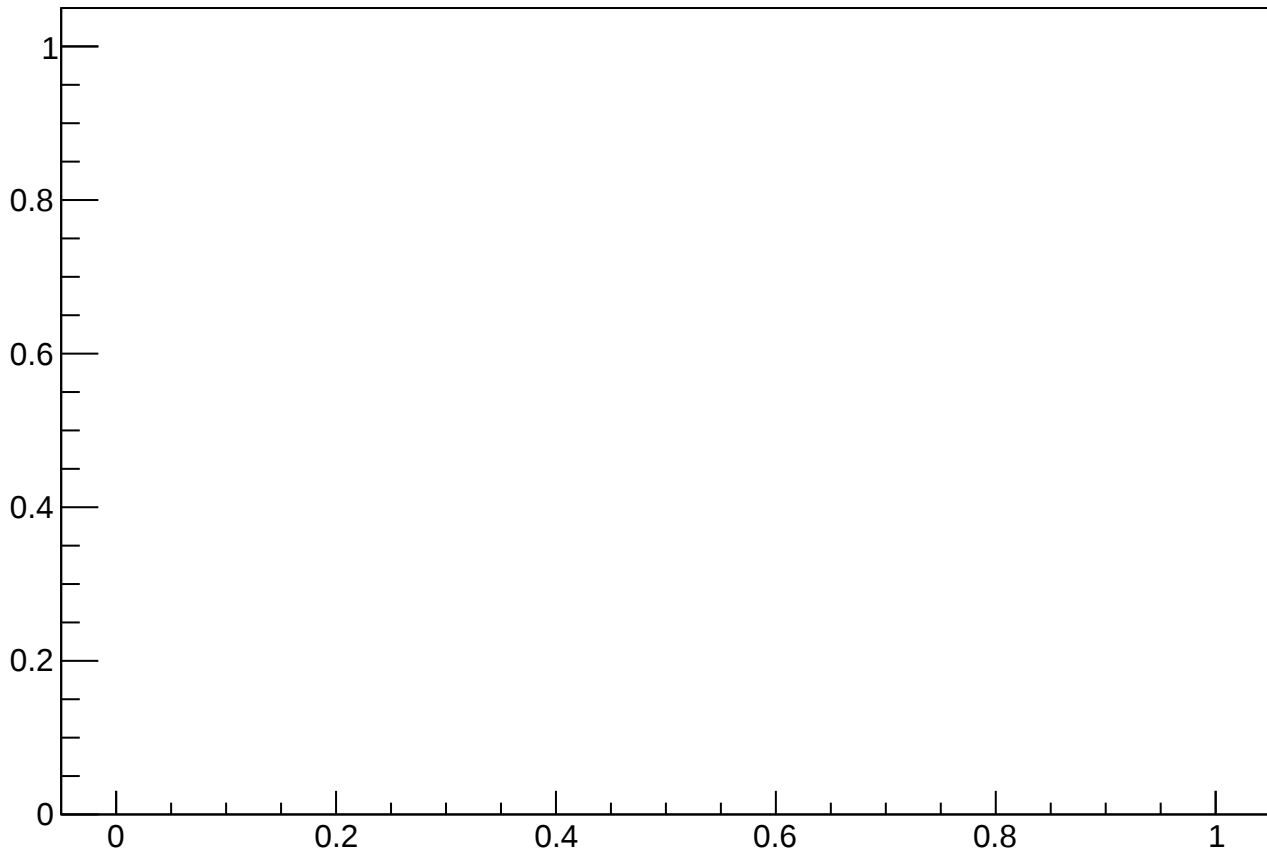
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



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

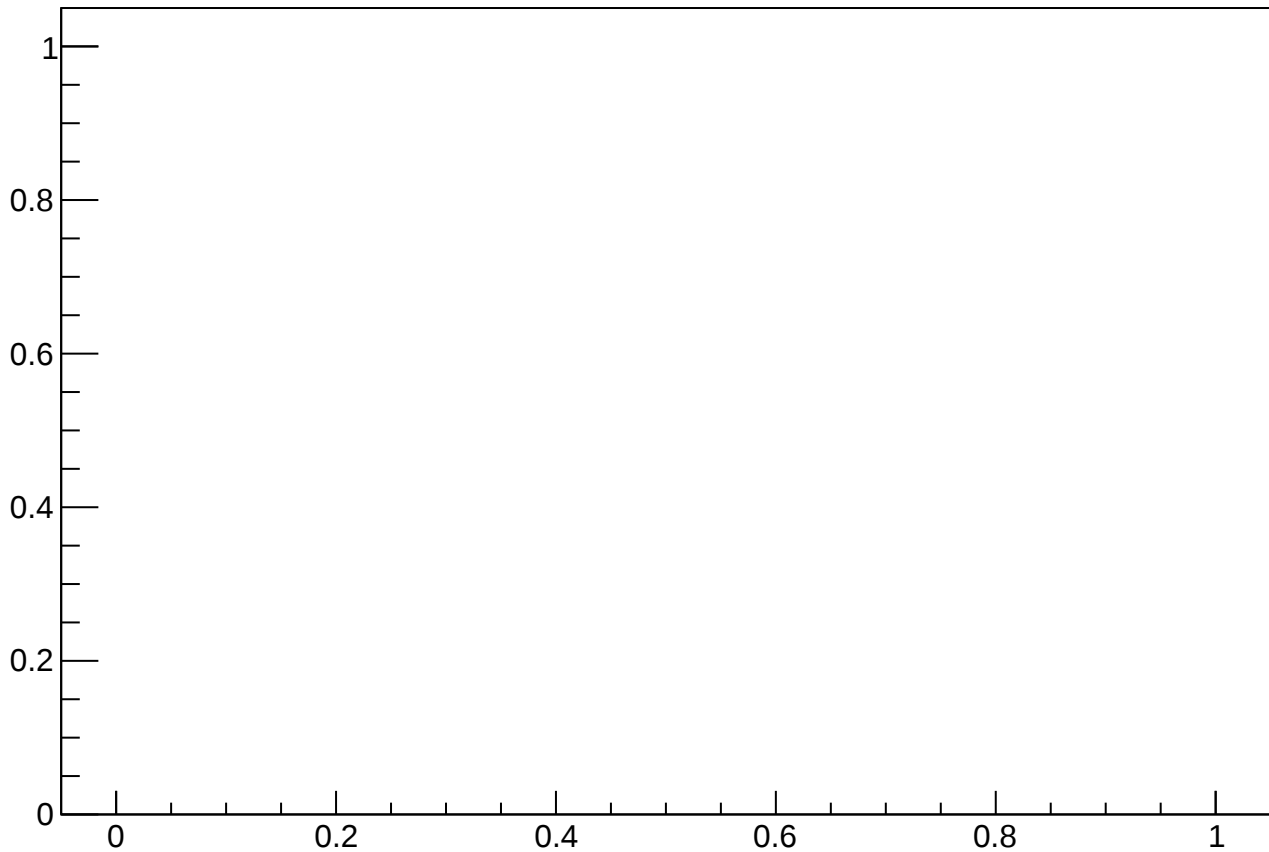
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

yield_sam_37_avg_mean vs slug



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

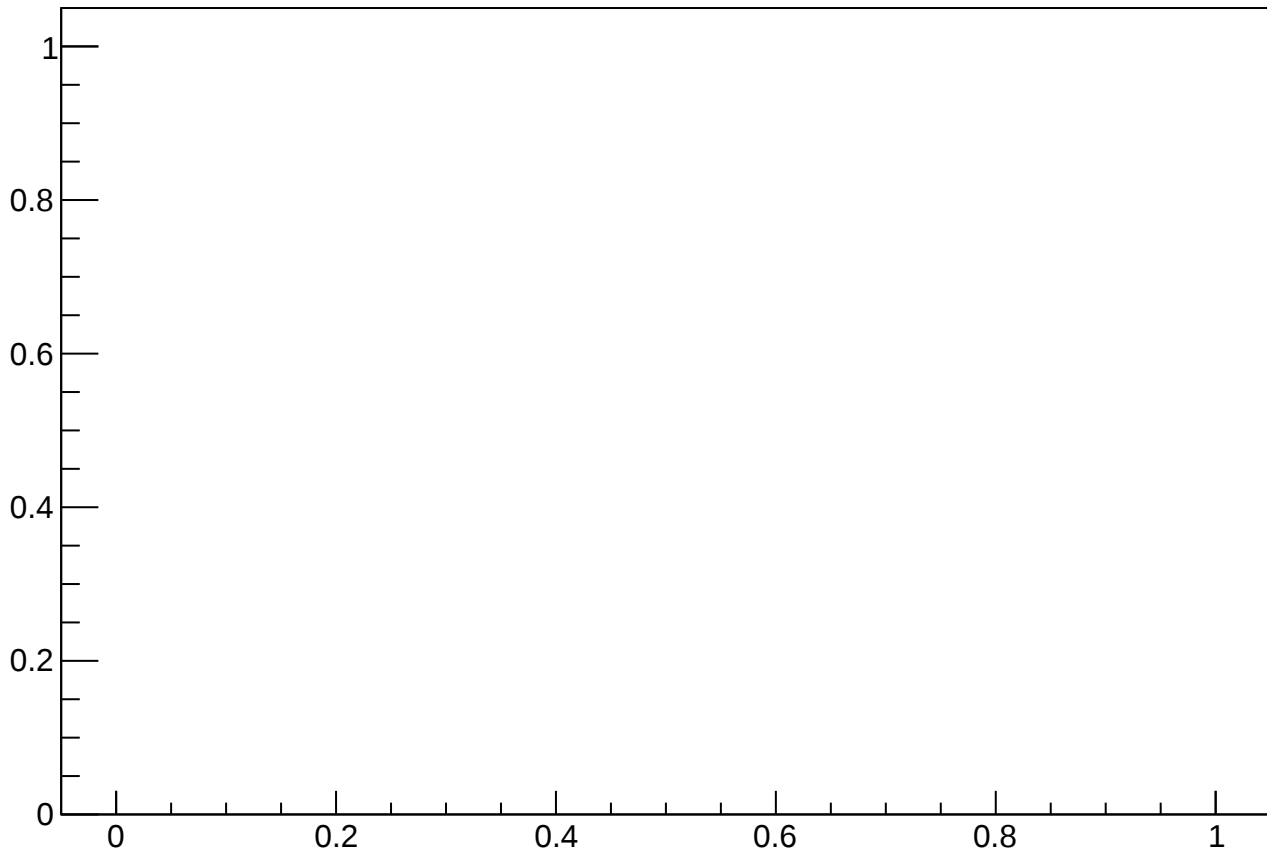
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_rms vs slug



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

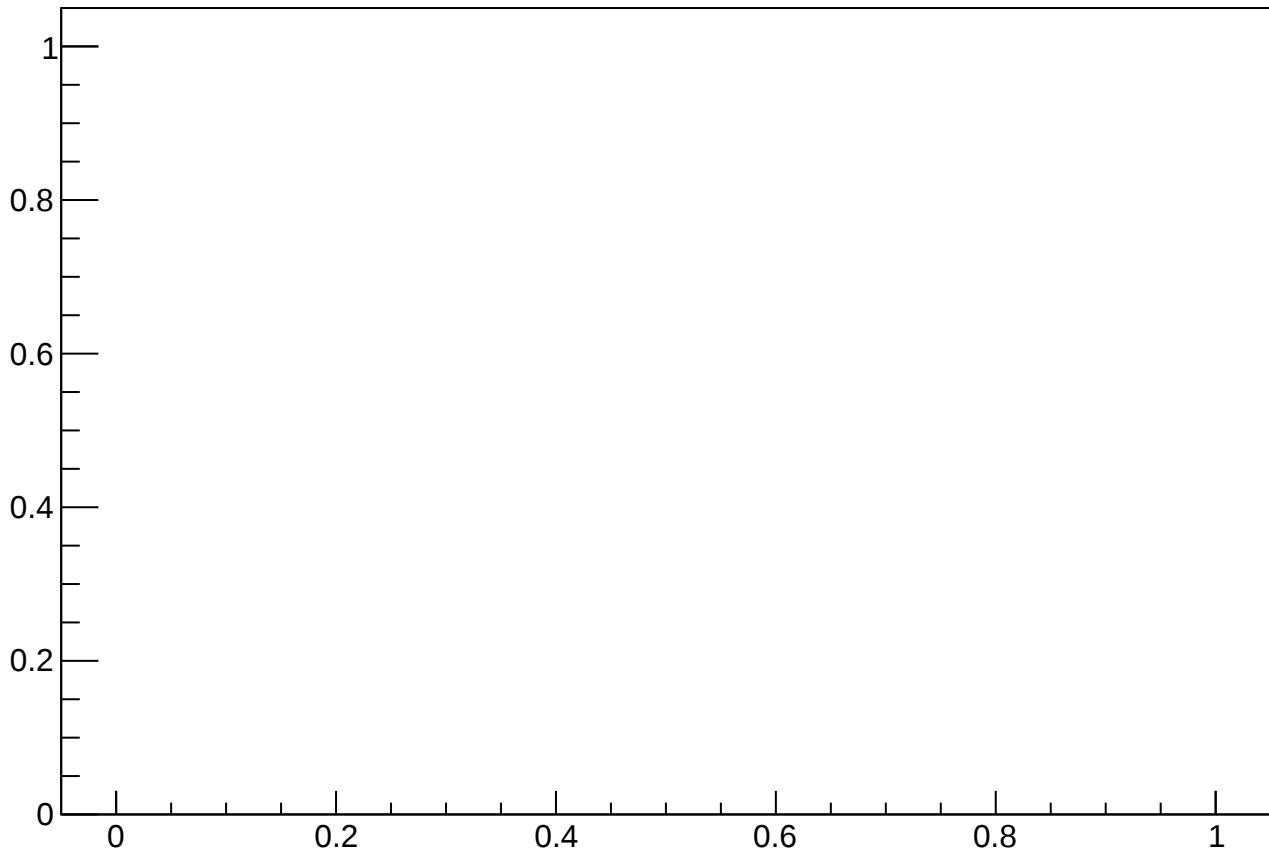
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

yield_sam_48_avg_mean vs slug



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

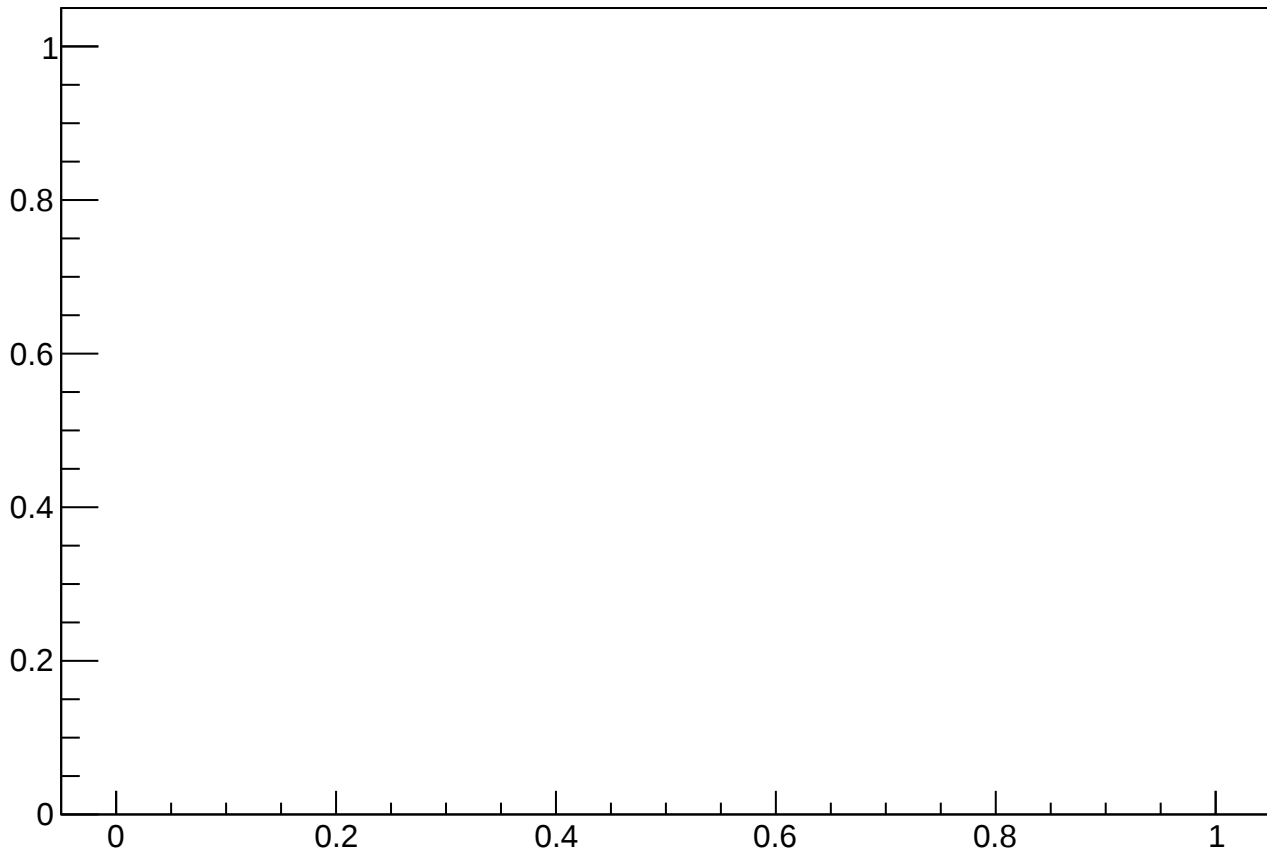
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_rms vs slug



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

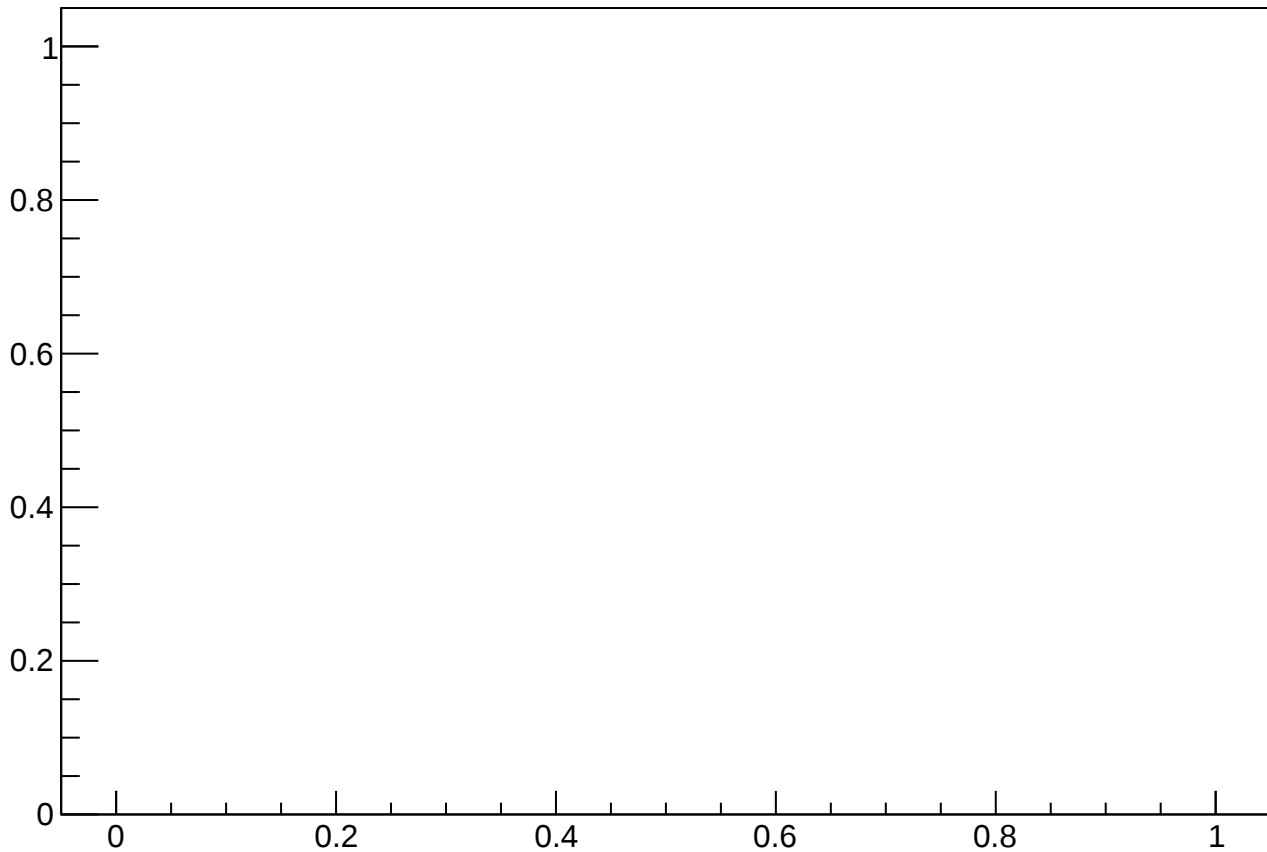
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_15_avg_mean vs slug



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

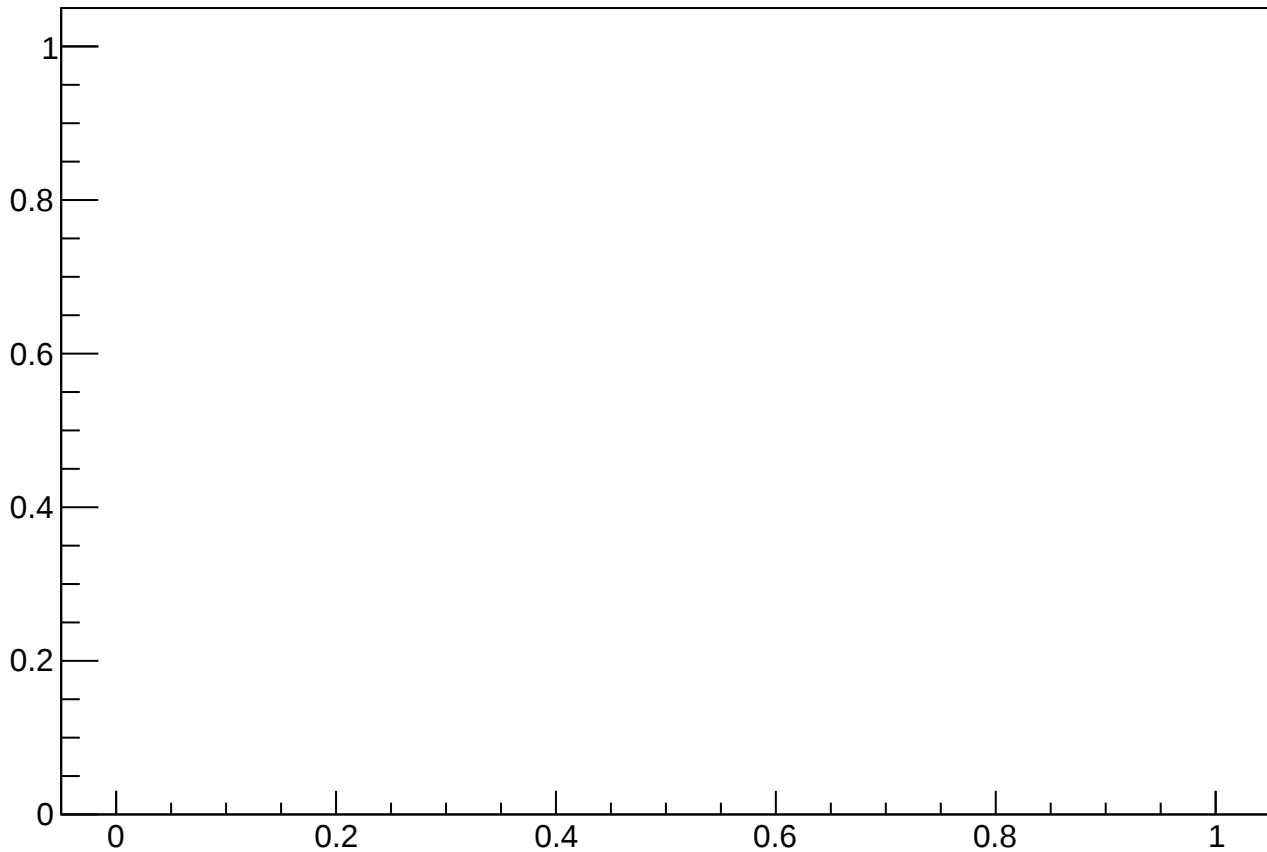
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

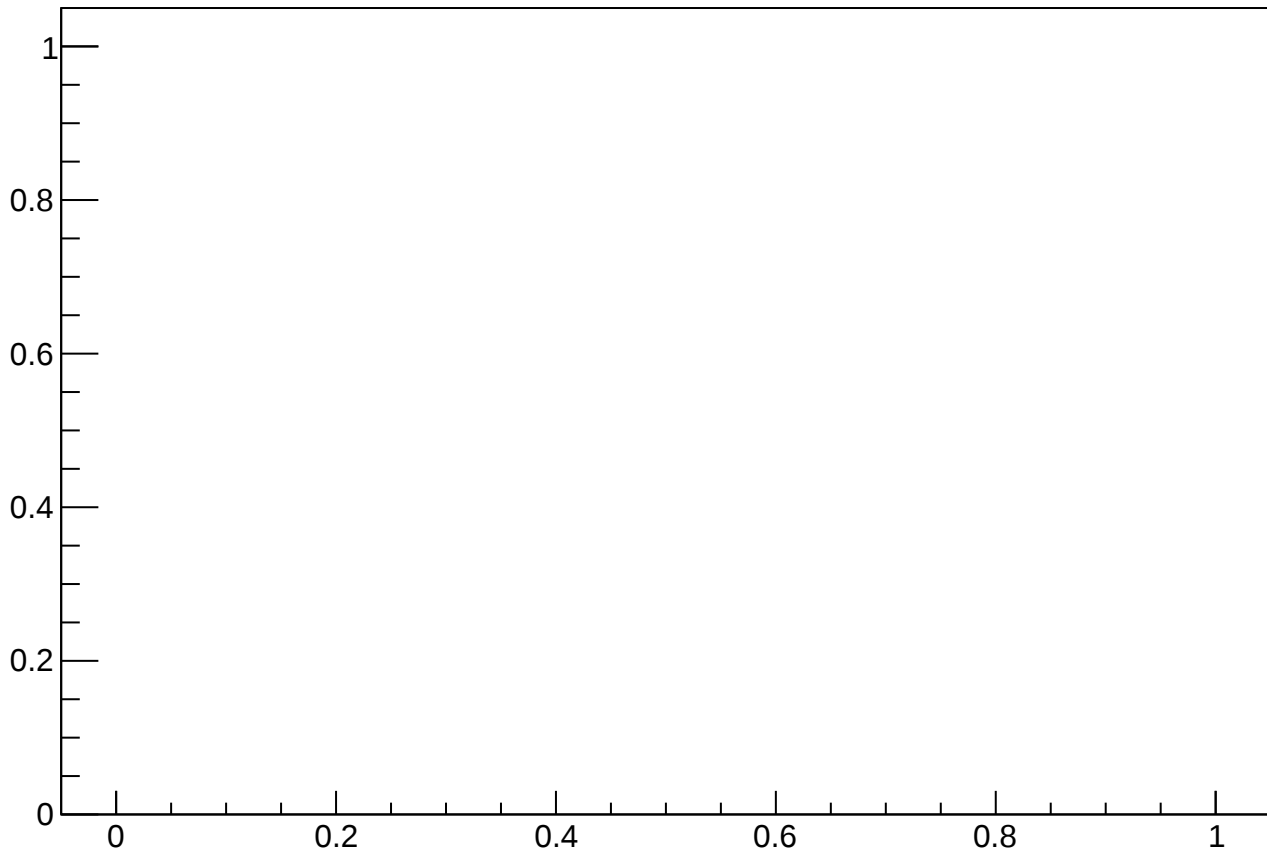
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_26_avg_mean vs slug



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

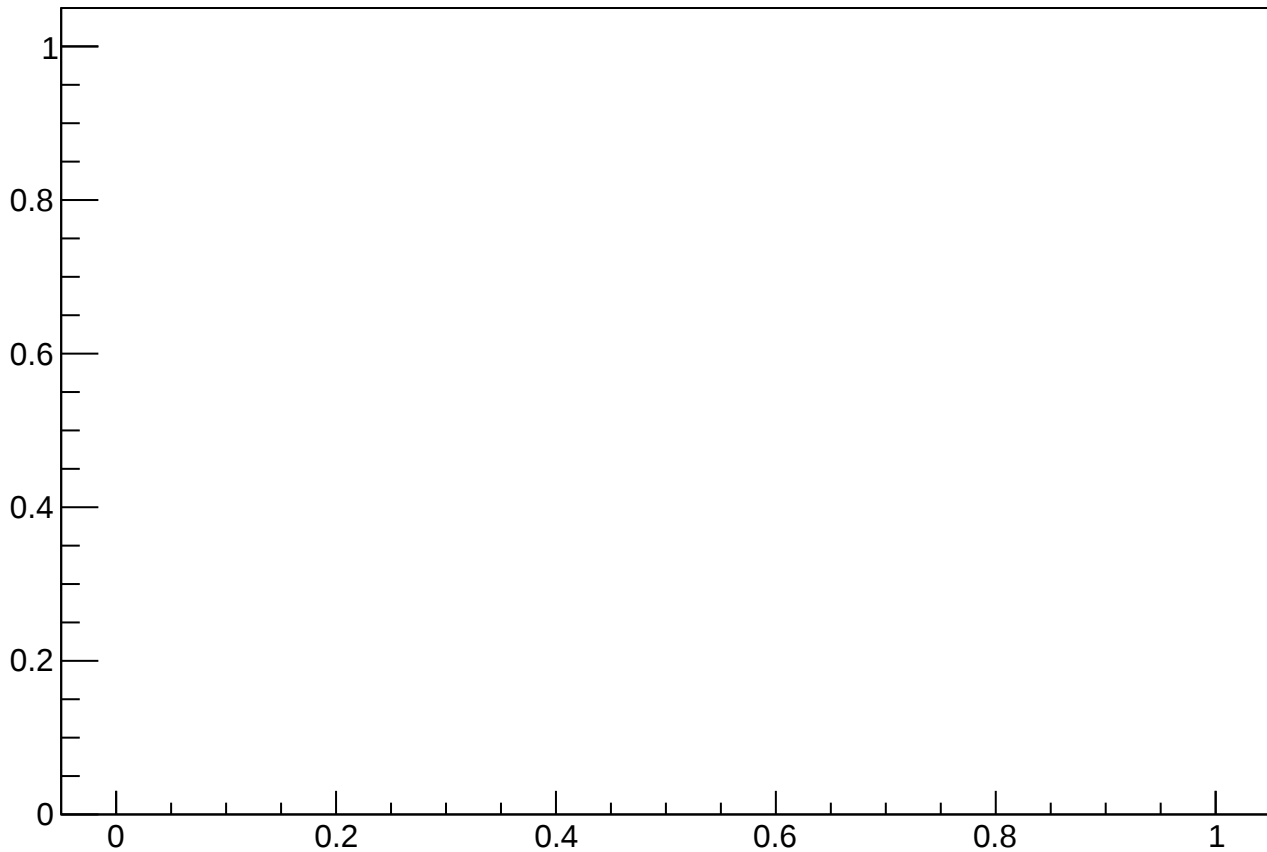
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



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

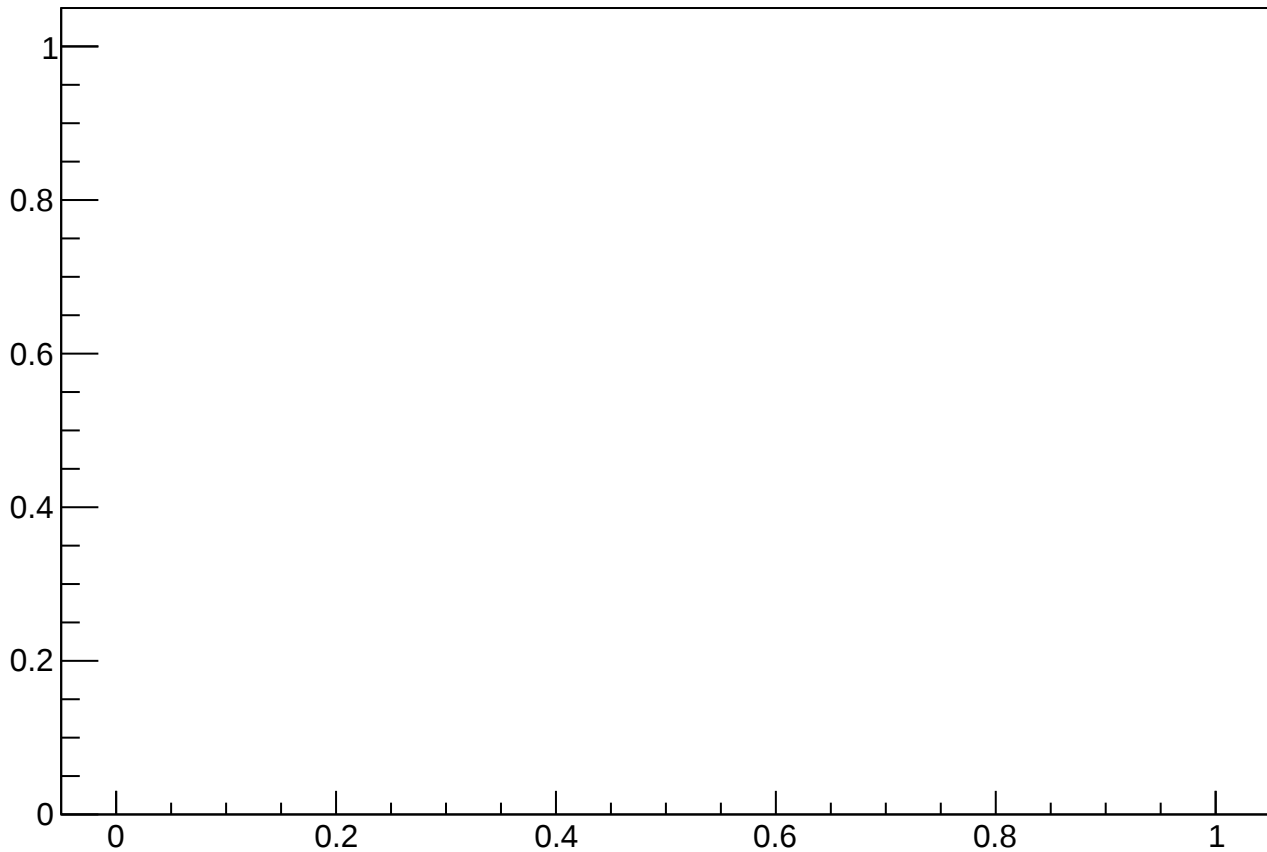
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam_37_avg_mean vs slug



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

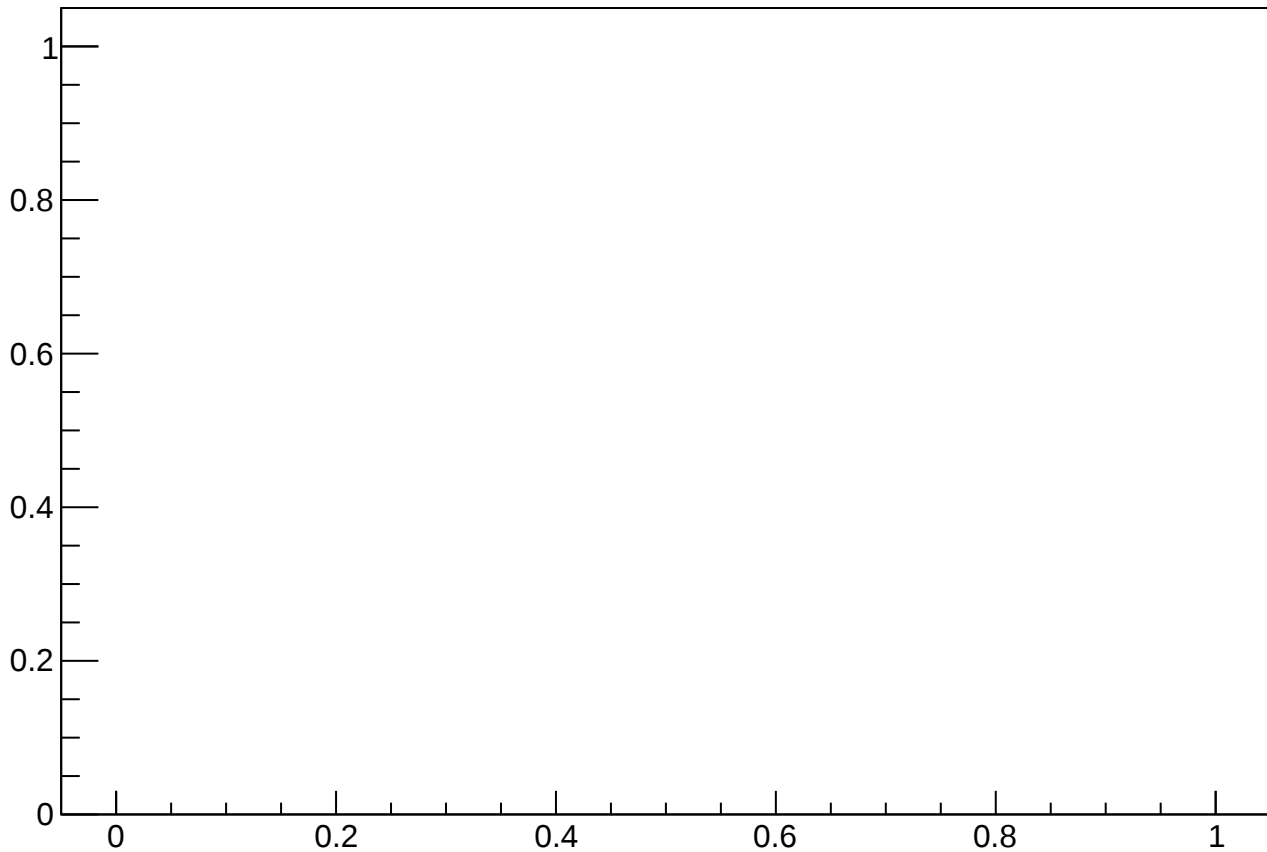
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

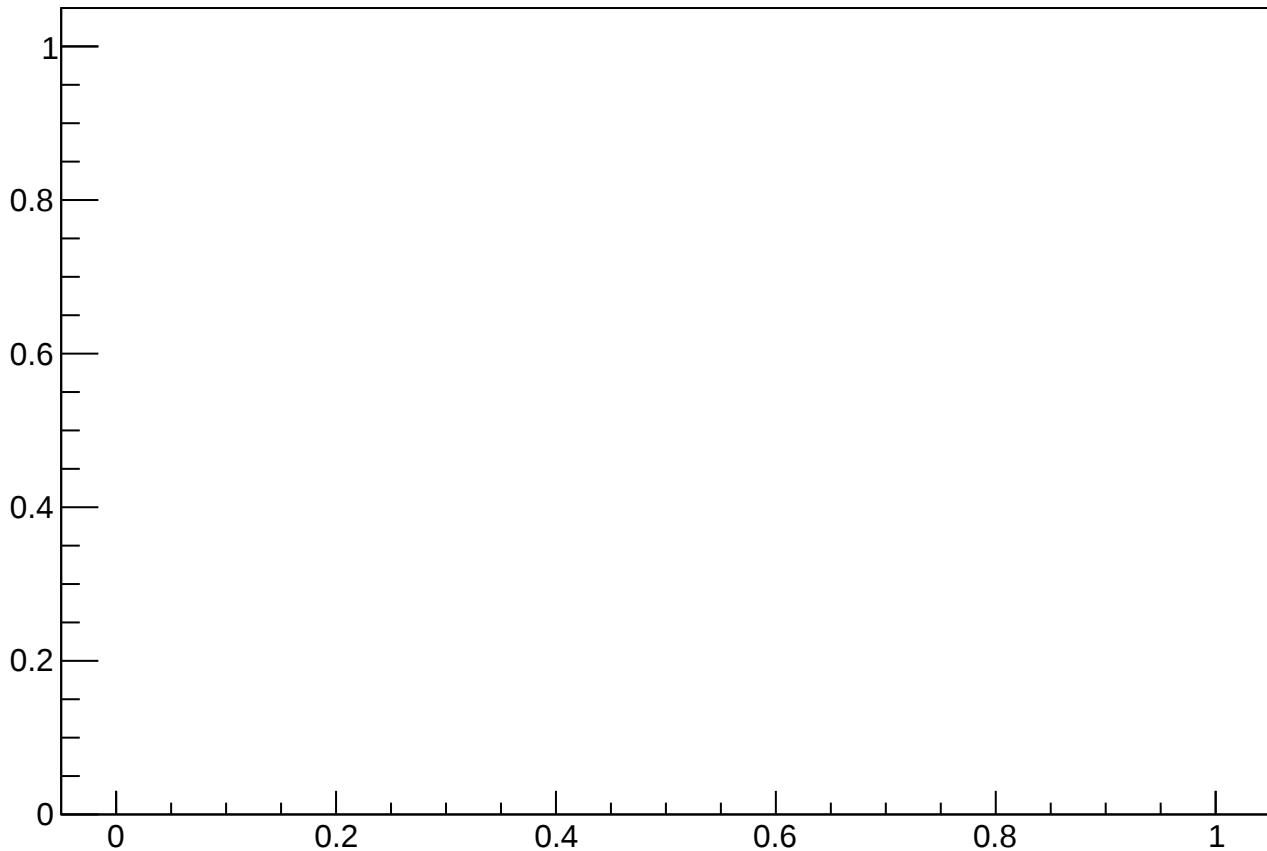
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam_48_avg_mean vs slug



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

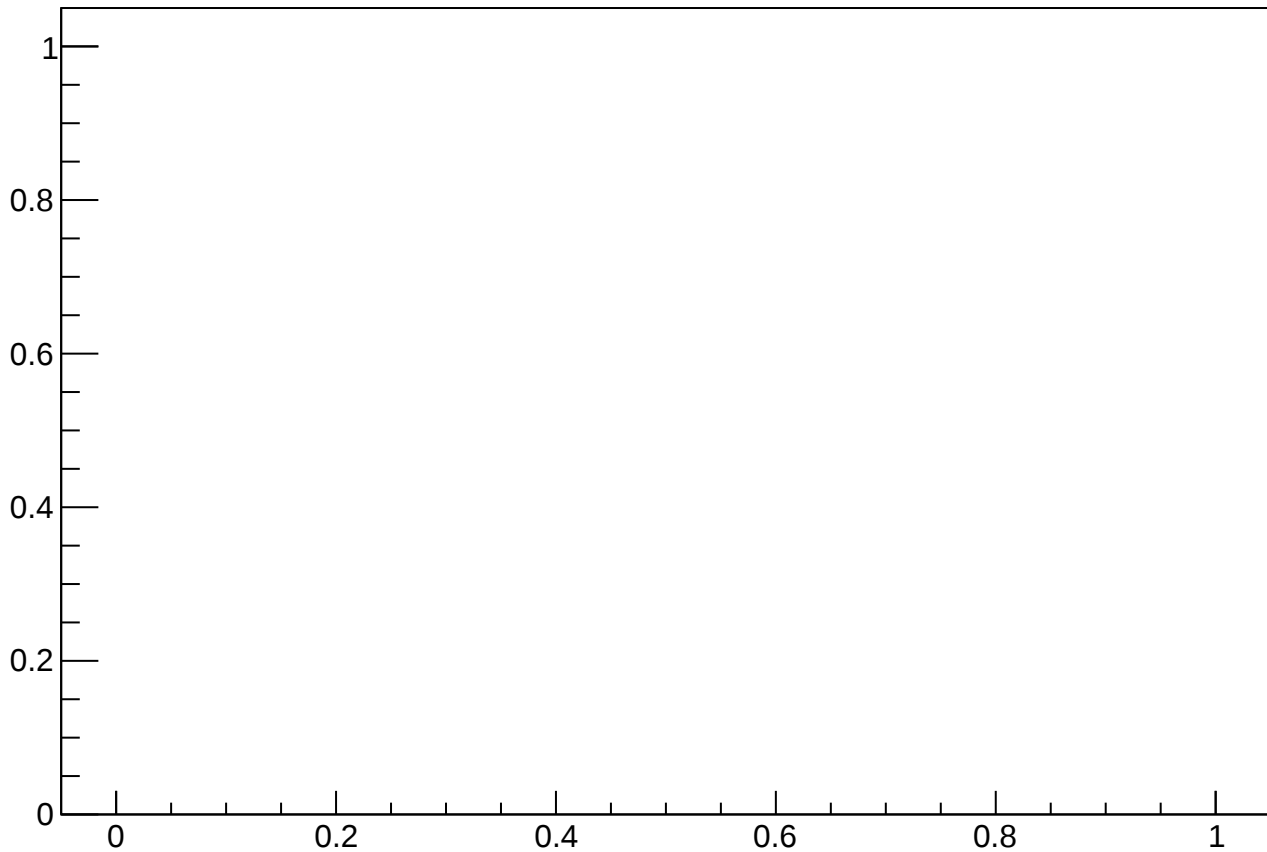
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_48_avg_rms vs slug



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

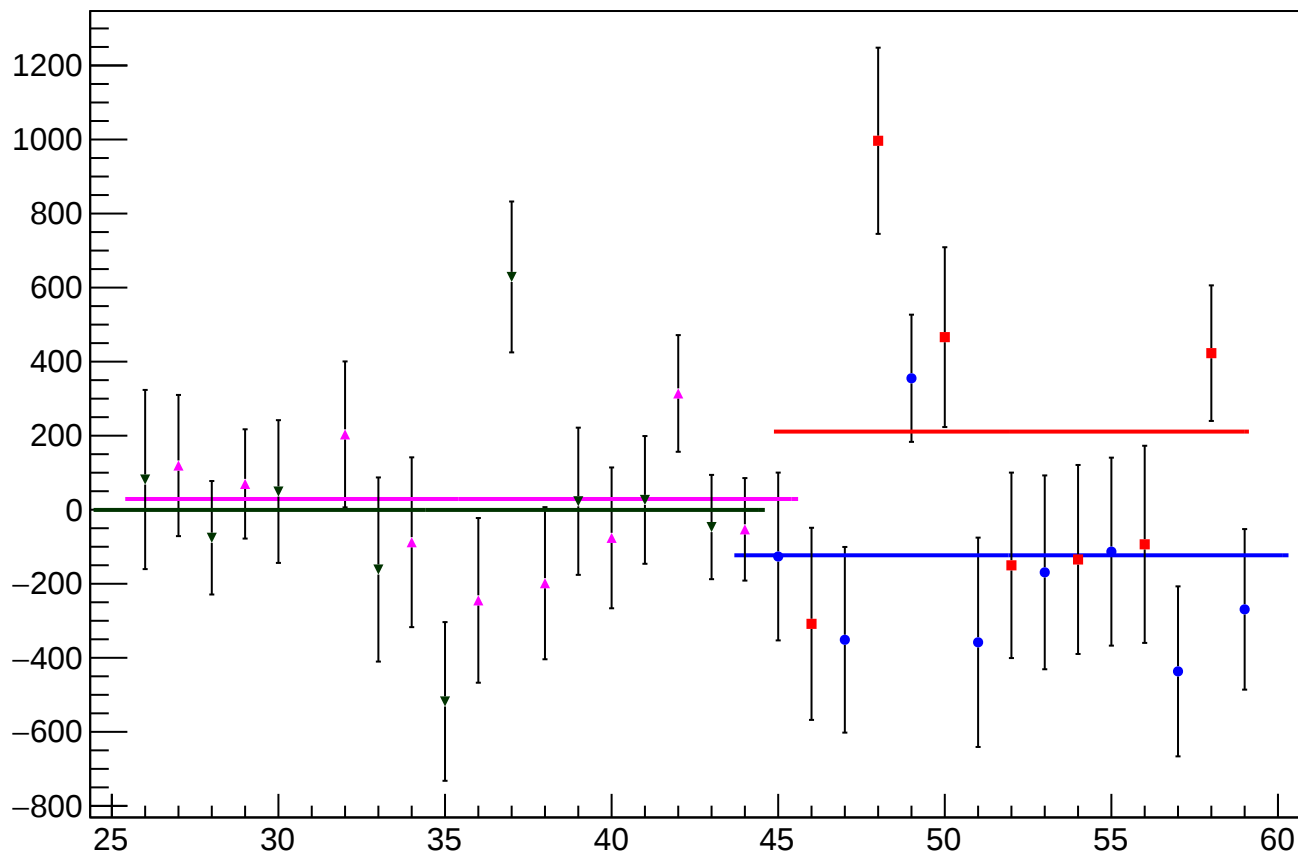
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

reg_asym_sam_15_avg_mean vs slug



Right In: -123.092 $\pm$ 81.084 χ^2 /NDF: 11.6/7

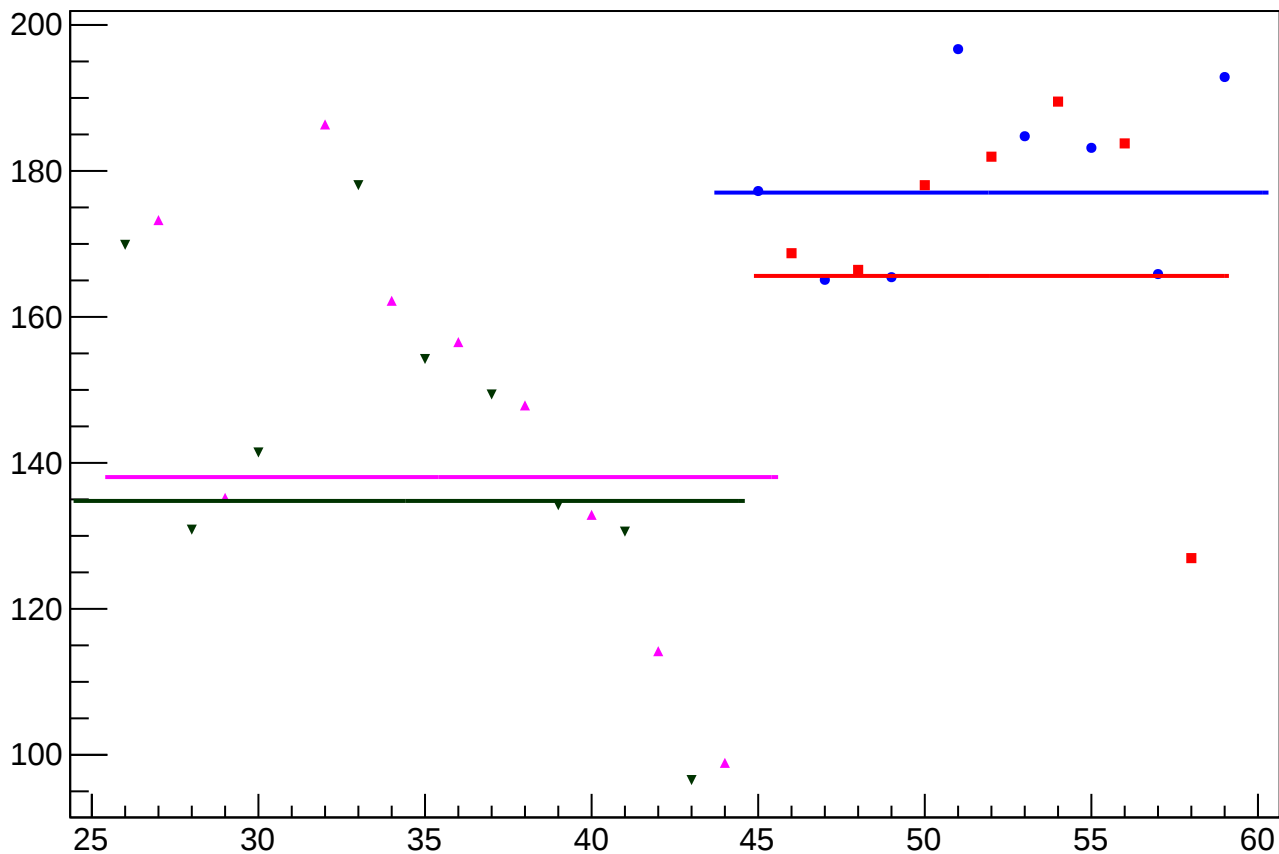
Left Out: -0.549 $\pm$ 62.274 χ^2 /NDF:16.3/8

Right Out: 211.037 $\pm$ 90.229 χ^2 /NDF: 21.4/6

Left In: 28.991 $\pm$ 59.537 χ^2 /NDF:8.0/8

18.697 $\pm$ 35.030 χ^2 /NDF: 65.1/32

reg_asym_sam_15_avg_rms vs slug



Right In: 177.034+/-0.057 χ^2/NDF : 41608.6/7

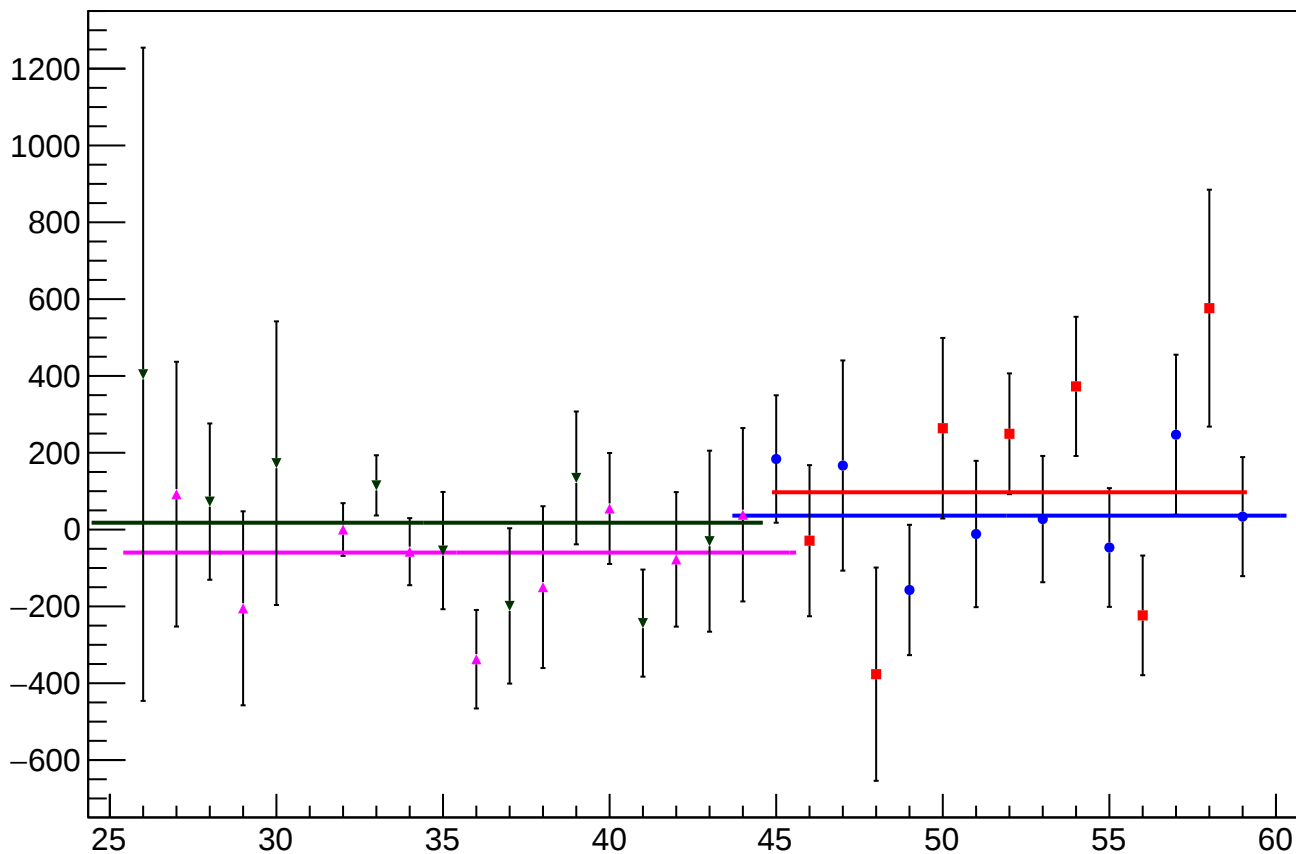
Left Out: 134.788+/-0.044 χ^2/NDF :281610.1/8

Right Out: 165.617+/-0.064 χ^2/NDF : 130022.5/6

Left In: 138.057+/-0.042 χ^2/NDF :437023.6/8

148.451+/-0.025 χ^2/NDF : 1368419.4/32

asym_sam_15_avg_correction_mean vs slug



Right In: 36.297 ± 62.561 χ^2/NDF : 3.7/7

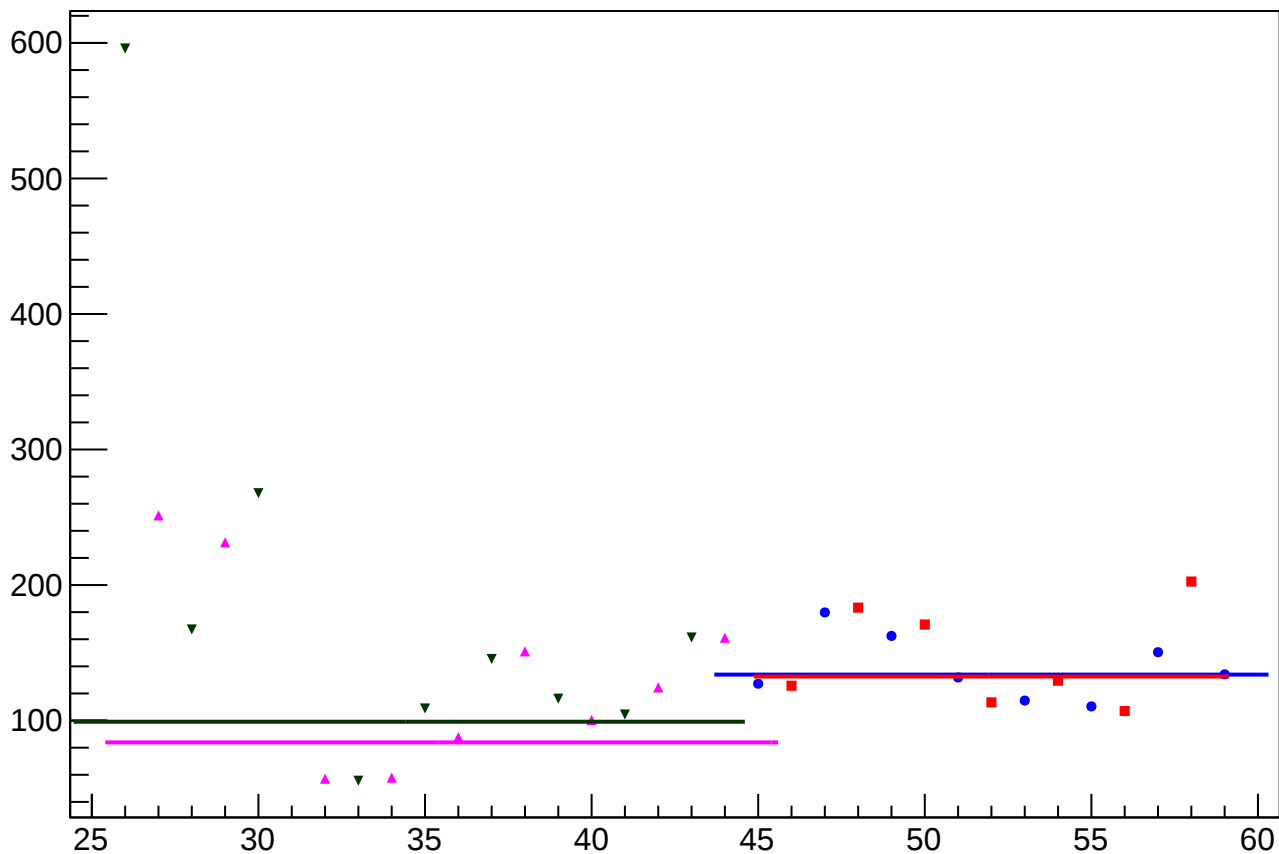
Left Out: 17.872 ± 52.271 χ^2/NDF : 7.4/8

0.213 ± 27.194 χ^2/NDF : 35.9/32

Right Out: 97.169 ± 74.622 χ^2/NDF : 13.7/6

Left In: -59.828 ± 42.594 χ^2/NDF : 7.0/8

asym_sam_15_avg_correction_rms vs slug



Right In: 133.920 $\pm$ 0.044 χ^2 /NDF: 202167.7/7

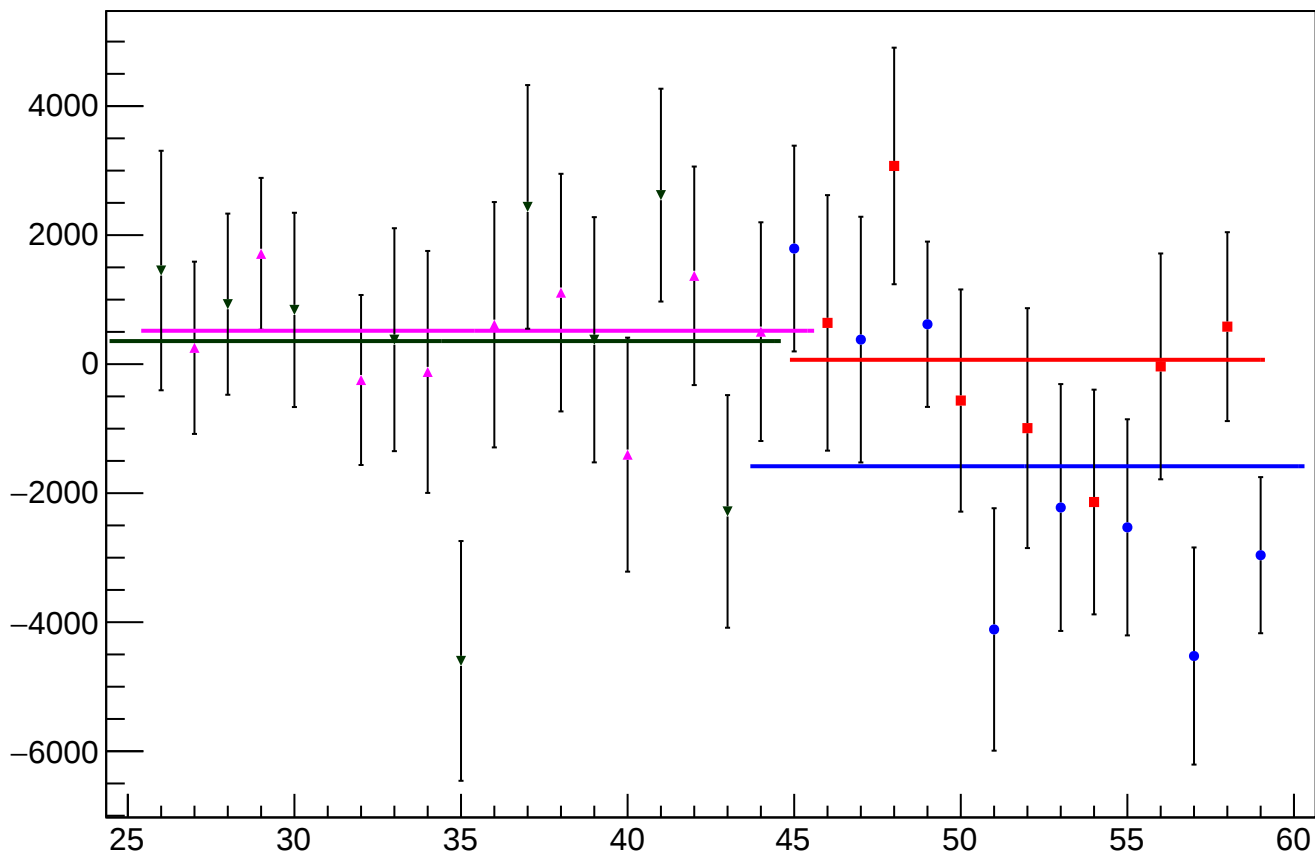
Left Out: 99.138 $\pm$ 0.037 χ^2 /NDF: 2215033.7/8

Right Out: 132.506 $\pm$ 0.053 χ^2 /NDF: 309444.1/6

Left In: 83.913 $\pm$ 0.030 χ^2 /NDF: 2211357.4/8

103.935 $\pm$ 0.019 χ^2 /NDF: 6149438.6/32

reg_asym_sam_26_avg_mean vs slug



Right In: -1582.654+/-556.686 χ^2/NDF : 15.1/7

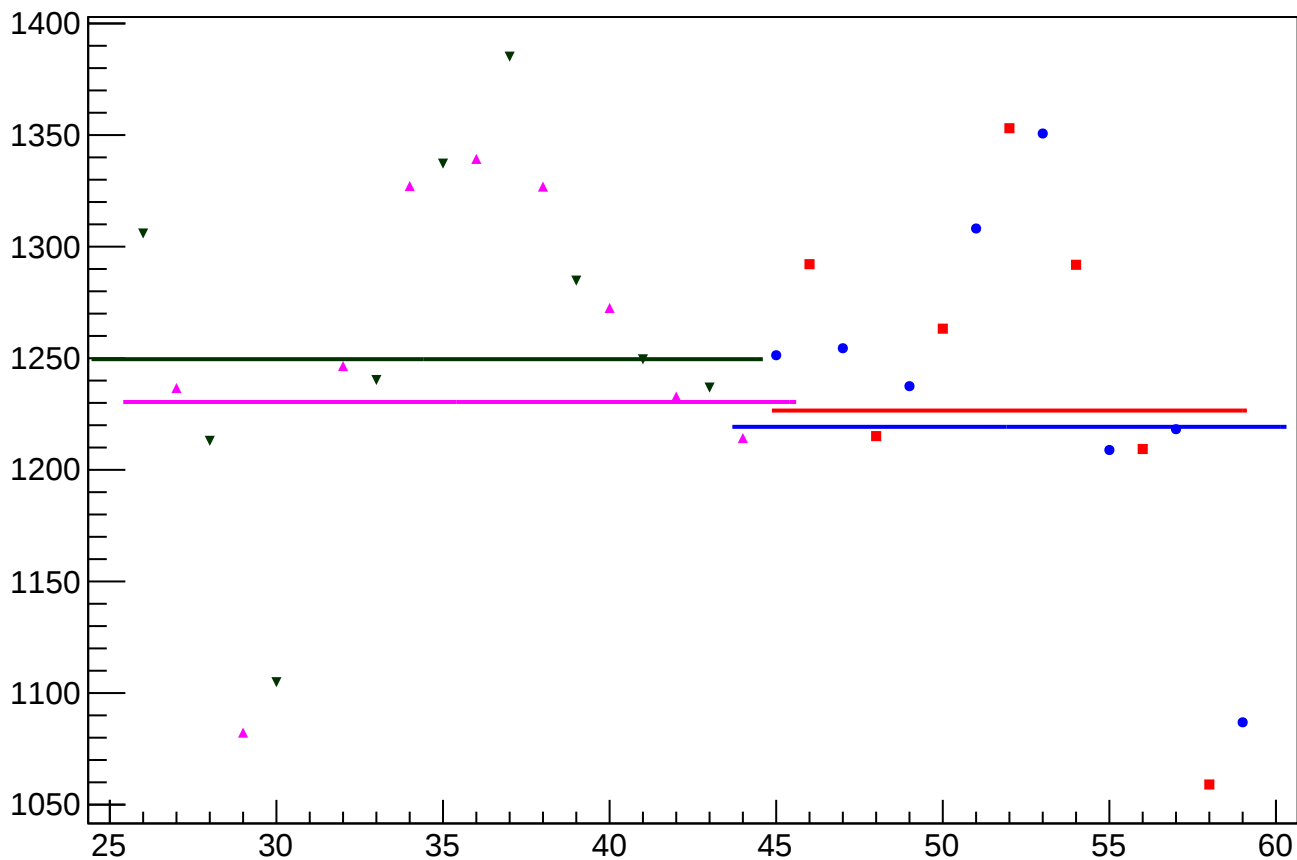
Left Out: 357.559+/-568.392 χ^2/NDF : 13.0/8

Right Out: 67.407+/-659.178 χ^2/NDF : 5.0/6

Left In: 517.544+/-518.830 χ^2/NDF : 3.0/8

-155.811+/-284.688 χ^2/NDF : 45.2/32

reg_asym_sam_26_avg_rms vs slug



Right In: 1219.276+/-0.394 χ^2/NDF : 39823.5/7

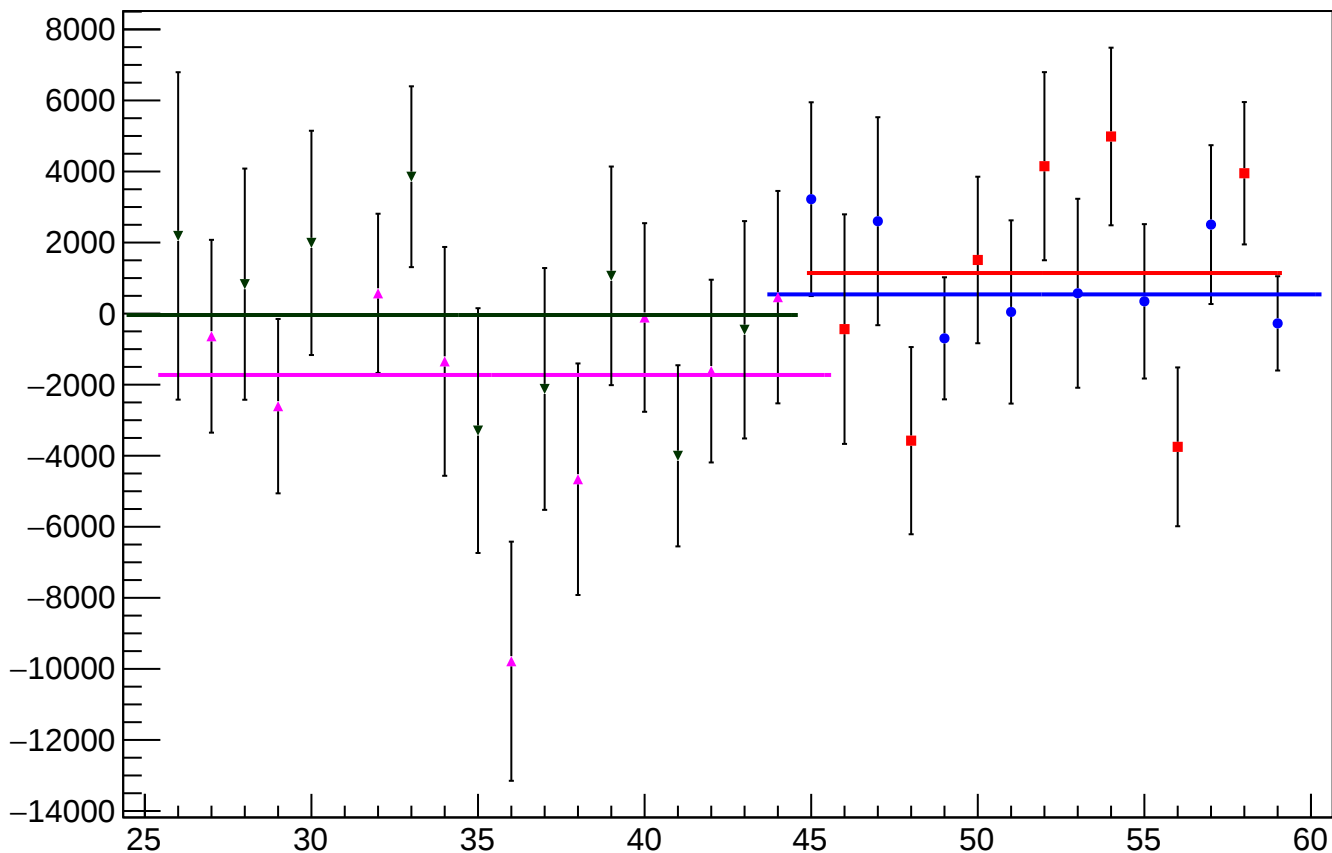
Left Out: 1249.590+/-0.402 χ^2/NDF : 37264.3/8

Right Out: 1226.575+/-0.466 χ^2/NDF : 41634.5/6

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.2/8

1231.596+/-0.201 χ^2/NDF : 172488.7/32

asym_sam_26_avg_correction_mean vs slug



Right In: 541.036 ± 732.877 χ^2/NDF : 3.2/7

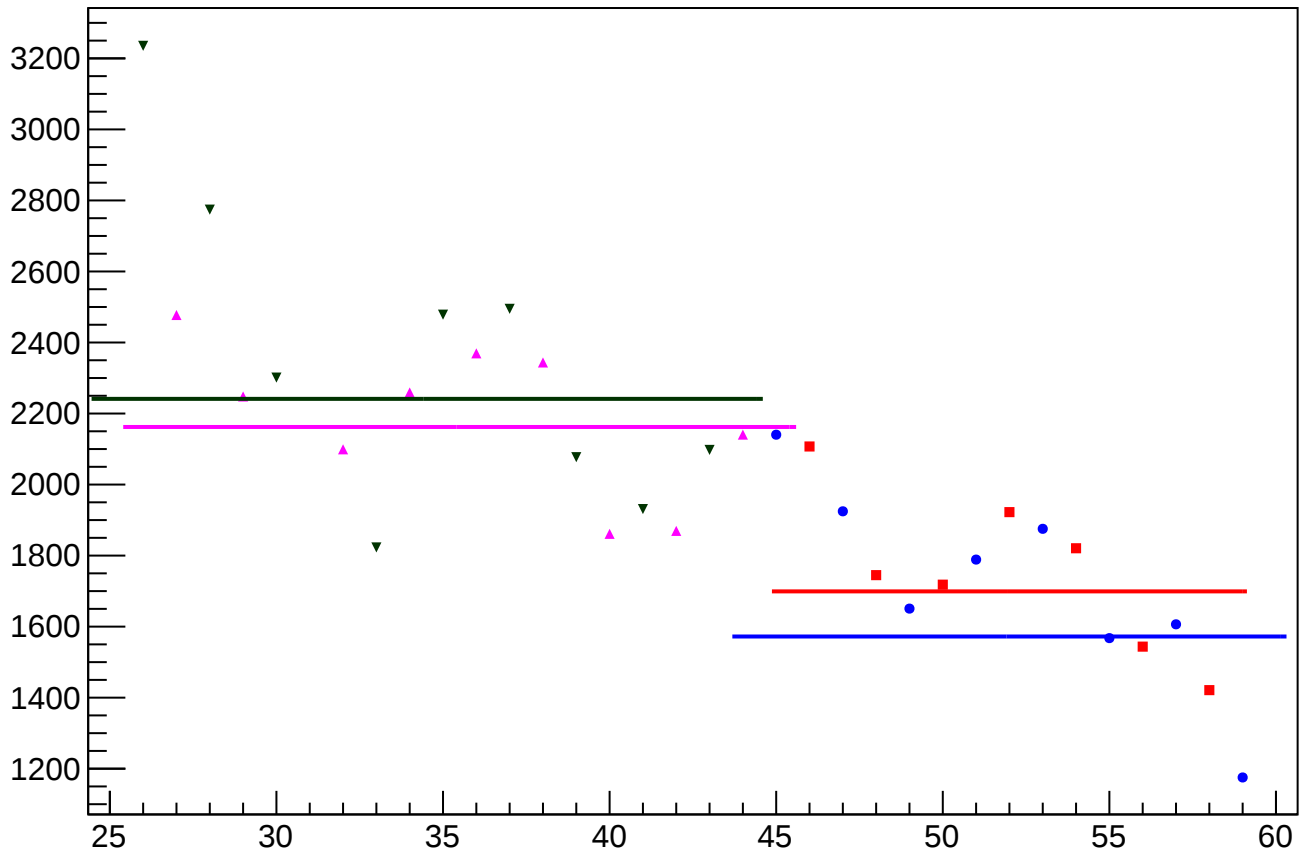
Left Out: -39.269 ± 1035.135 χ^2/NDF : 6.9/8

51.521 ± 440.485 χ^2/NDF : 38.3/32

Right Out: 1142.612 ± 922.983 χ^2/NDF : 13.9/6

Left In: -1726.912 ± 918.632 χ^2/NDF : 8.8/8

asym_sam_26_avg_correction_rms vs slug



Right In: 1572.188+/-0.518 χ^2/NDF : 339602.0/7

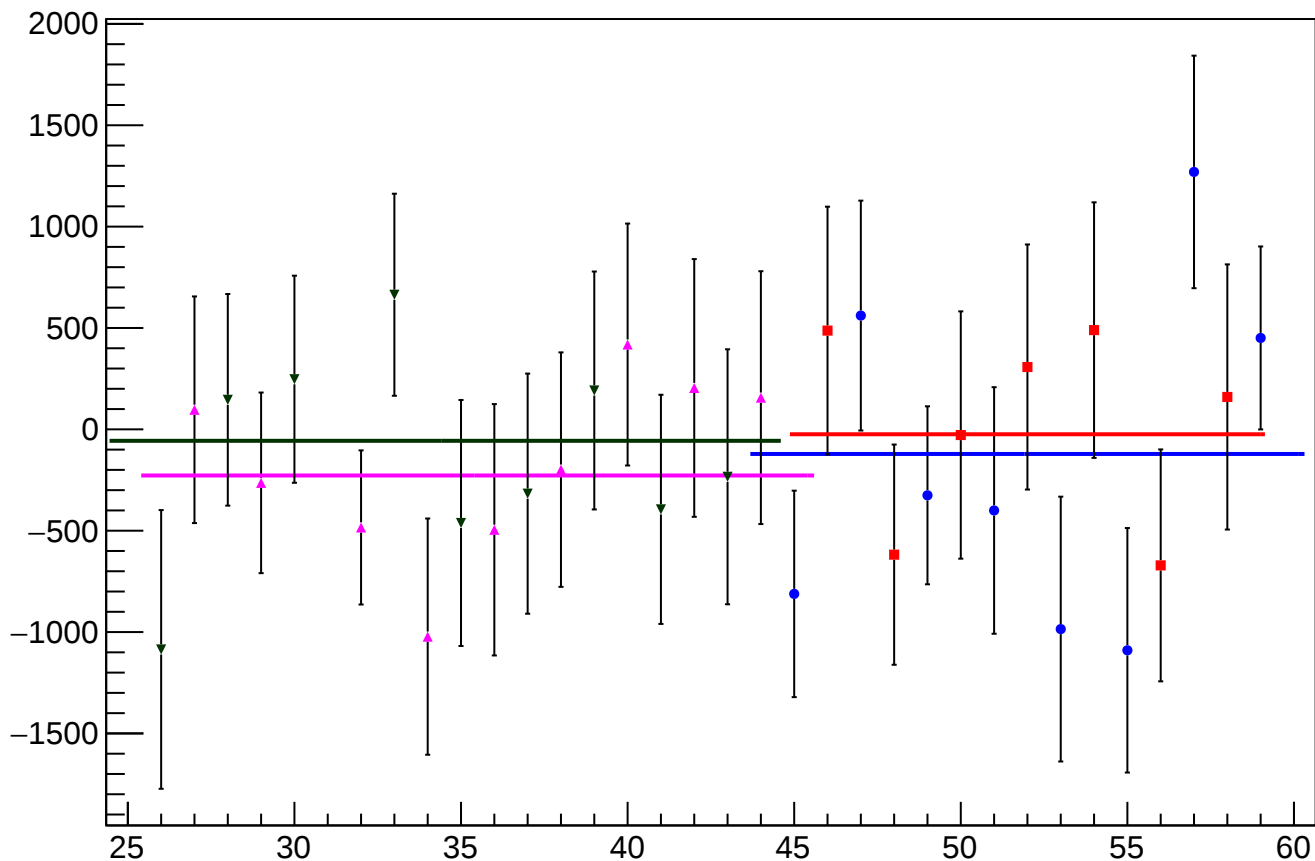
Left Out: 2241.302+/-0.732 χ^2/NDF : 261773.6/8

Right Out: 1699.216+/-0.653 χ^2/NDF : 99764.4/6

Left In: 2162.148+/-0.650 χ^2/NDF : 98343.3/8

1857.926+/-0.311 χ^2/NDF : 1656324.1/32

reg_asym_sam_37_avg_mean vs slug



Right In: -121.406 $\pm$ 189.307 χ^2 /NDF: 15.5/7

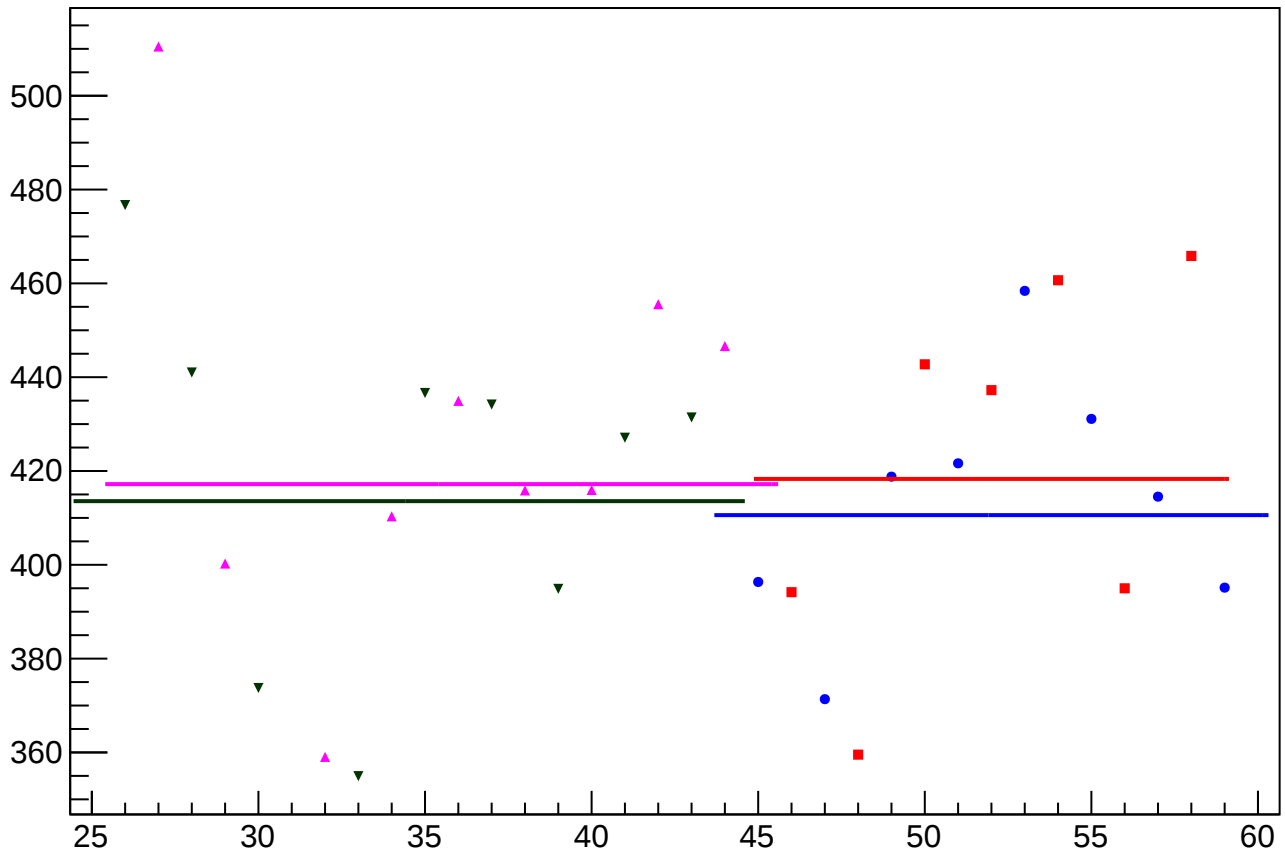
Left Out: -56.564 $\pm$ 189.750 χ^2 /NDF: 6.1/8

Right Out: -24.243 $\pm$ 227.017 χ^2 /NDF: 4.2/6

Left In: -227.618 $\pm$ 178.031 χ^2 /NDF: 4.9/8

-118.263 $\pm$ 96.840 χ^2 /NDF: 31.4/32

reg_asym_sam_37_avg_rms vs slug



Right In: 410.592 $\pm$ 0.134 χ^2/NDF : 27976.6/7

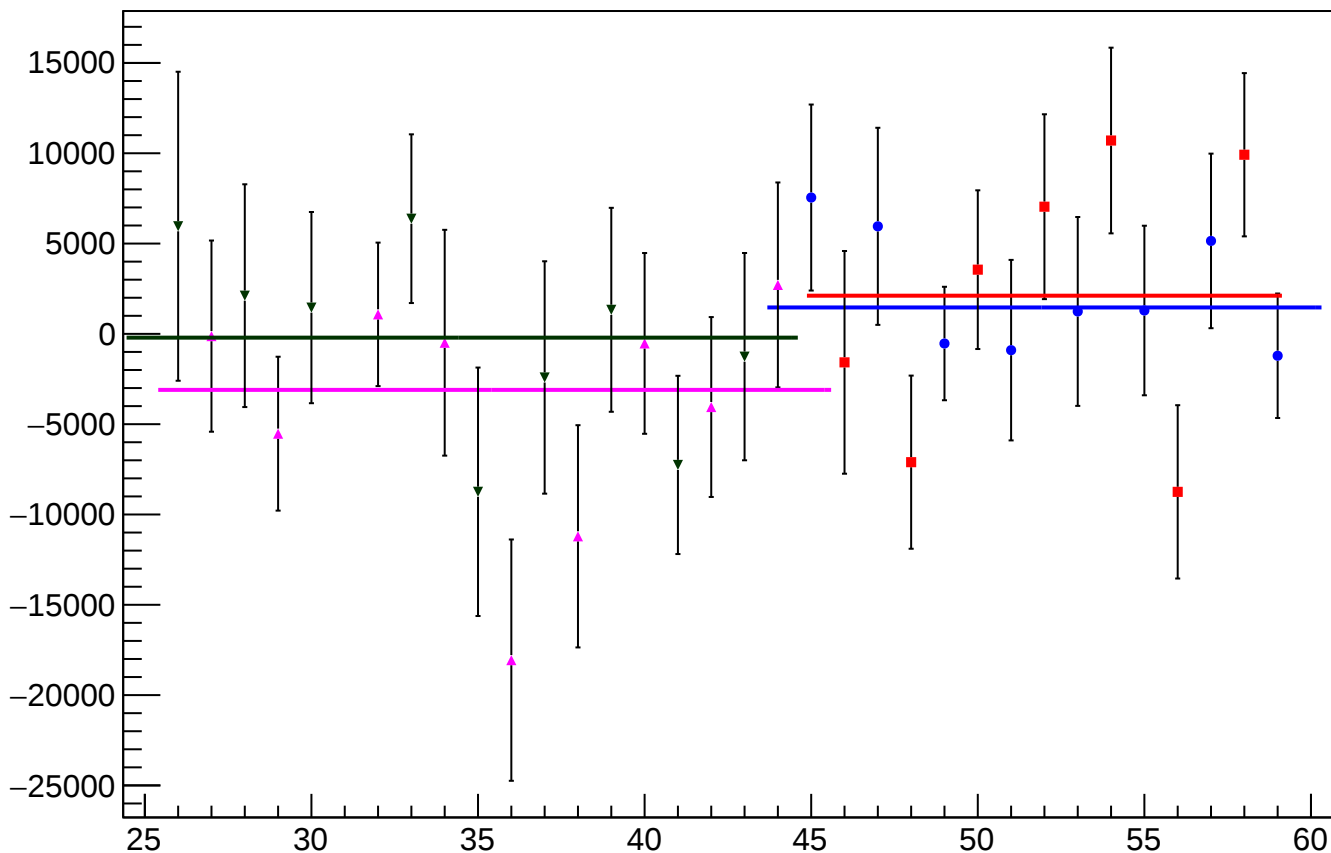
Left Out: 413.572 $\pm$ 0.134 χ^2/NDF : 72321.2/8

Right Out: 418.314 $\pm$ 0.161 χ^2/NDF : 54634.6/6

Left In: 417.201 $\pm$ 0.126 χ^2/NDF : 119064.3/8

414.729 $\pm$ 0.068 χ^2/NDF : 275910.5/32

asym_sam_37_avg_correction_mean vs slug



Right In: 1463.003 $\pm$ 1539.945 χ^2 /NDF: 3.9/7

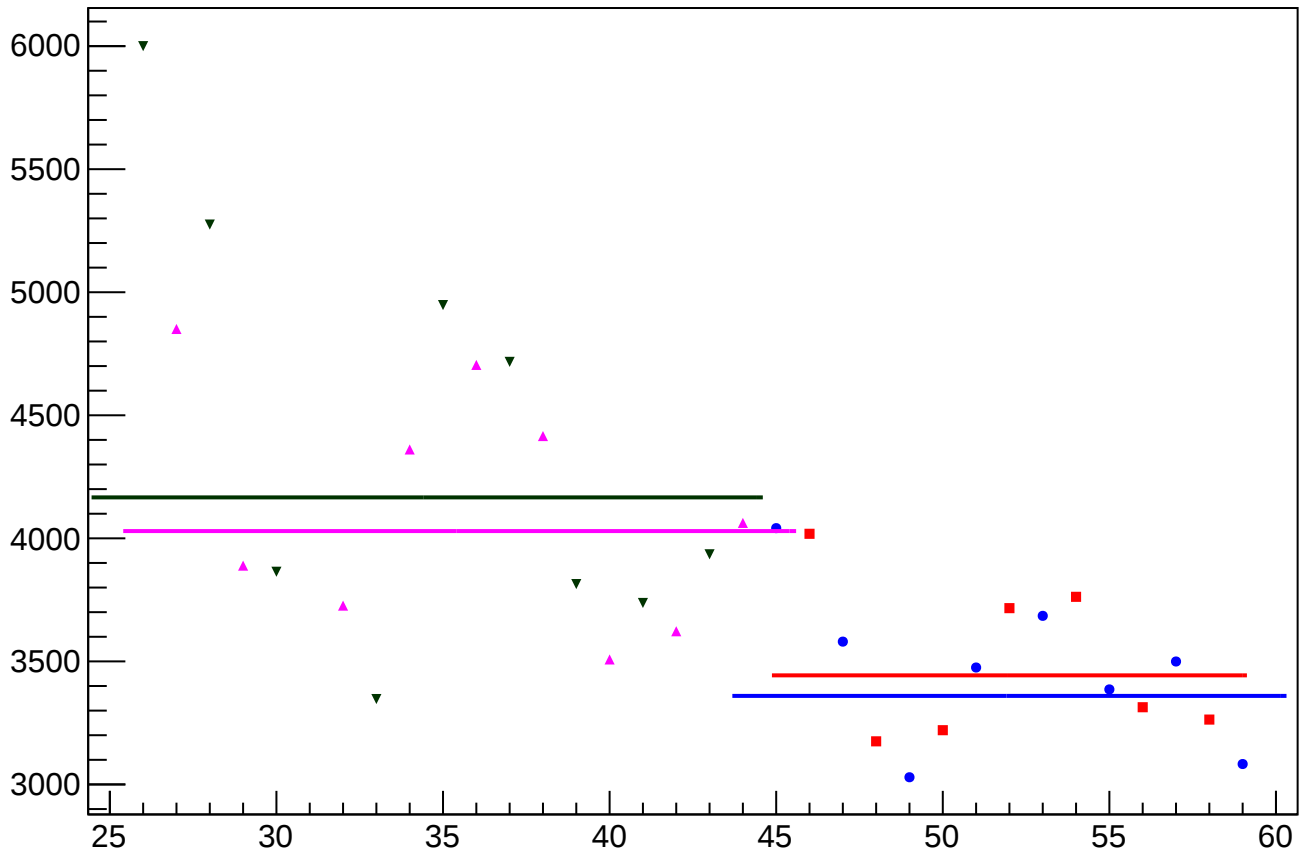
Left Out: -208.829 $\pm$ 1925.930 χ^2 /NDF: 6.6/8

90.644 $\pm$ 869.977 χ^2 /NDF: 41.9/32

Right Out: 2114.067 $\pm$ 1856.793 χ^2 /NDF: 16.0/6

Left In: -3100.951 $\pm$ 1715.208 χ^2 /NDF: 10.0/8

asym_sam_37_avg_correction_rms vs slug



Right In: 3359.789+/-1.089 χ^2/NDF : 83920.5/7

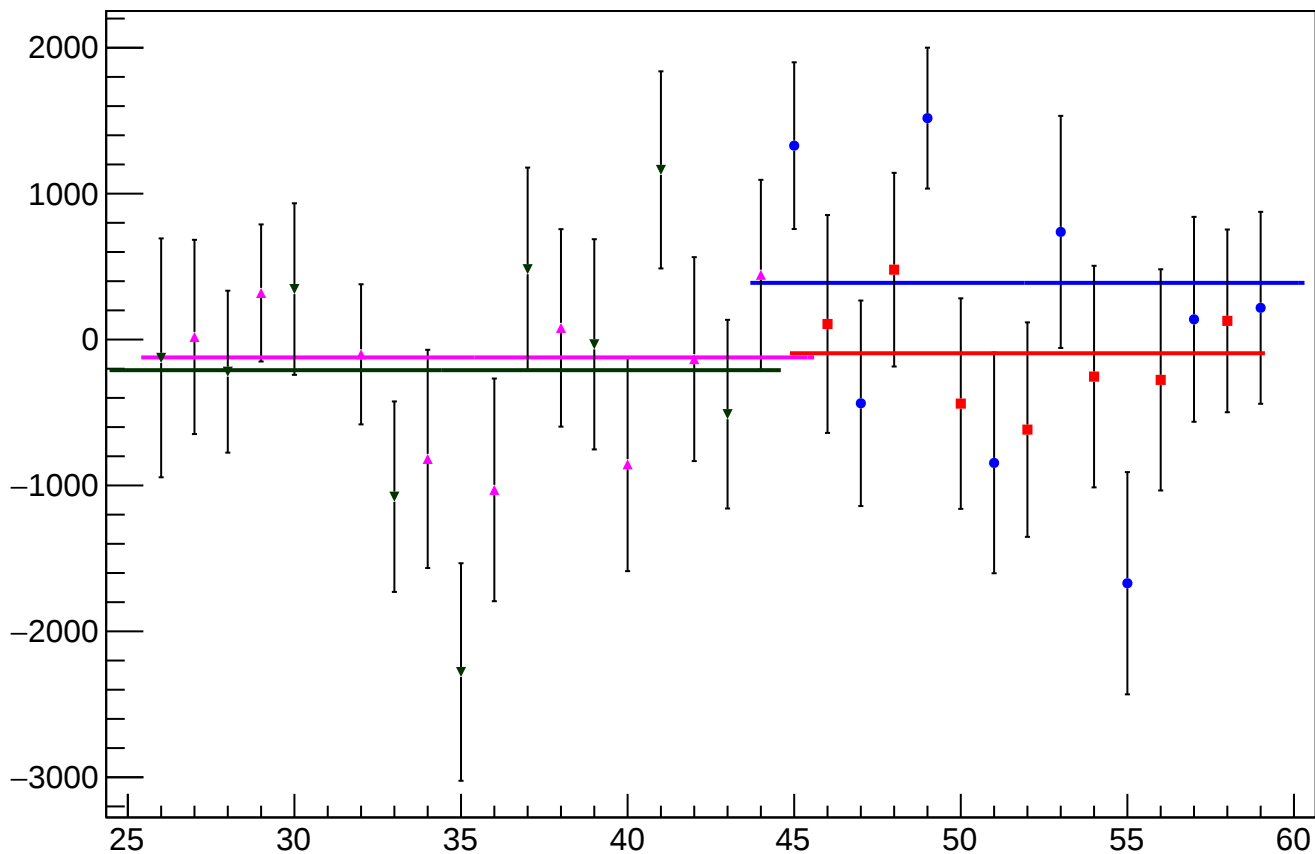
Left Out: 4166.379+/-1.362 χ^2/NDF : 291206.4/8

3714.992+/-0.615 χ^2/NDF : 879365.9/32

Right Out: 3443.251+/-1.313 χ^2/NDF : 46832.0/6

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

reg_asym_sam_48_avg_mean vs slug



Right In: 388.560 ± 230.871 $\chi^2/\text{NDF}: 19.9/7$

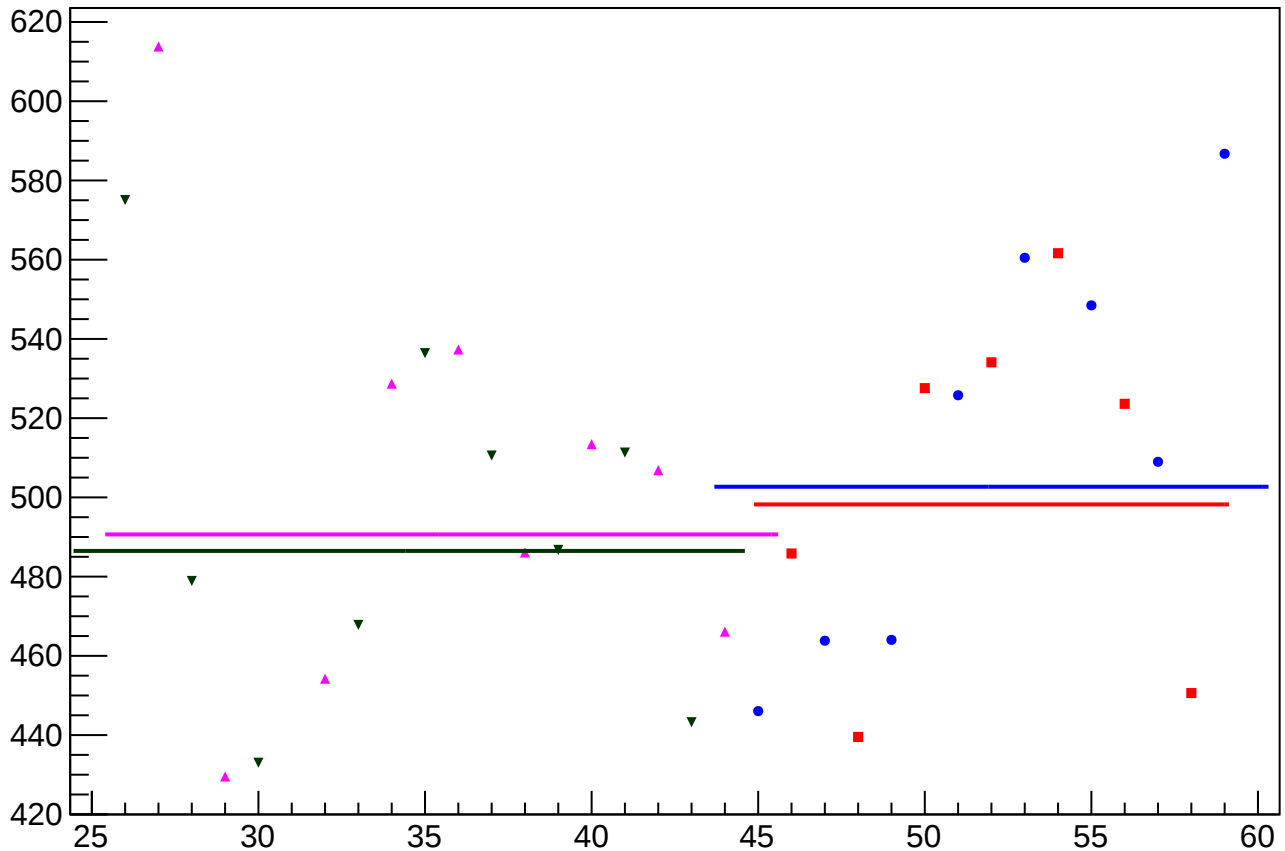
Left Out: -209.900 ± 221.674 $\chi^2/\text{NDF}: 15.8/8$

Right Out: -93.947 ± 268.610 $\chi^2/\text{NDF}: 1.8/6$

Left In: -122.495 ± 208.120 $\chi^2/\text{NDF}: 5.1/8$

-14.618 ± 114.664 $\chi^2/\text{NDF}: 46.7/32$

reg_asym_sam_48_avg_rms vs slug



Right In: 502.686+/-0.163 χ^2/NDF : 91024.8/7

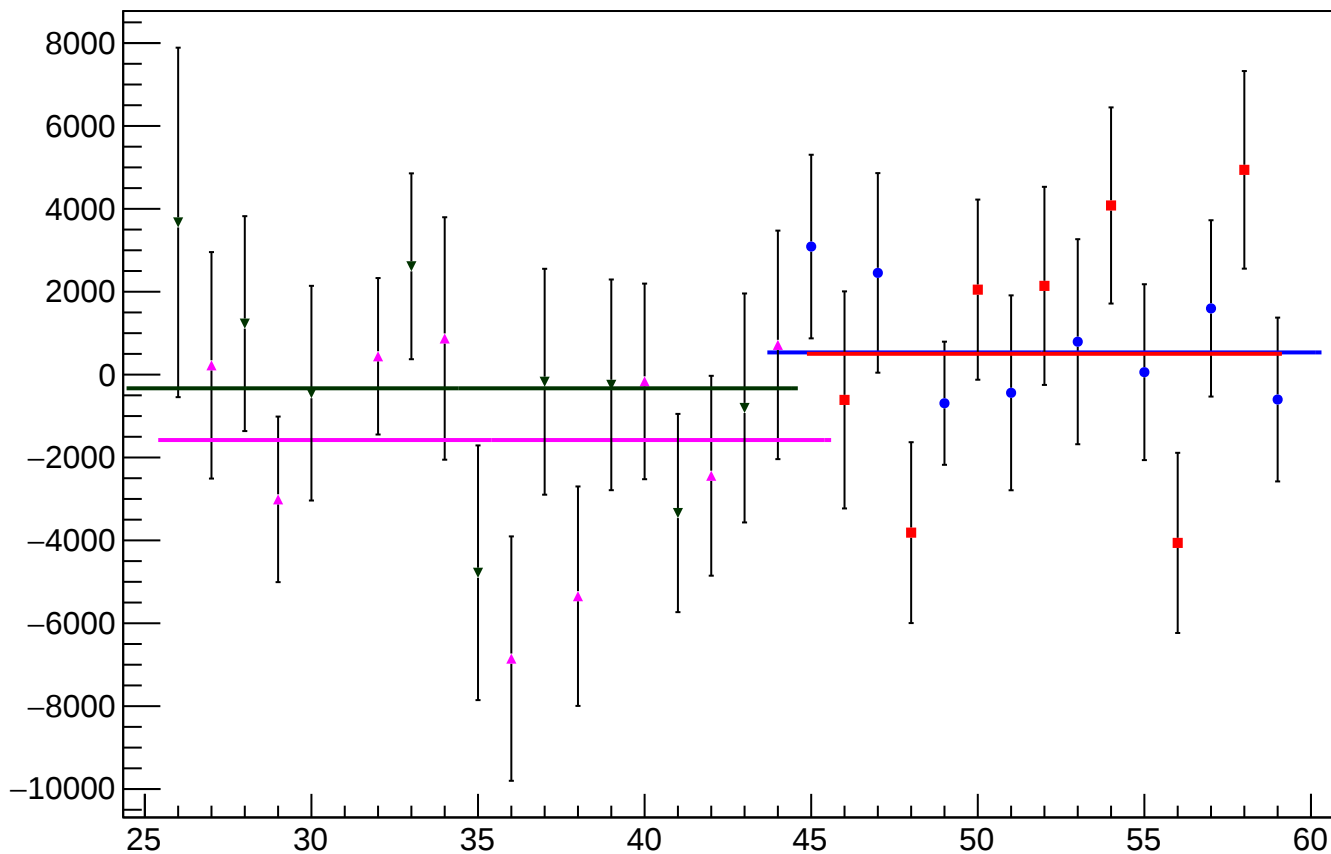
Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

Right Out: 498.226+/-0.190 χ^2/NDF : 52012.1/6

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

493.888+/-0.081 χ^2/NDF : 346514.2/32

asym_sam_48_avg_correction_mean vs slug



Right In: 535.503 $\pm$ 730.782 χ^2 /NDF: 3.5/7

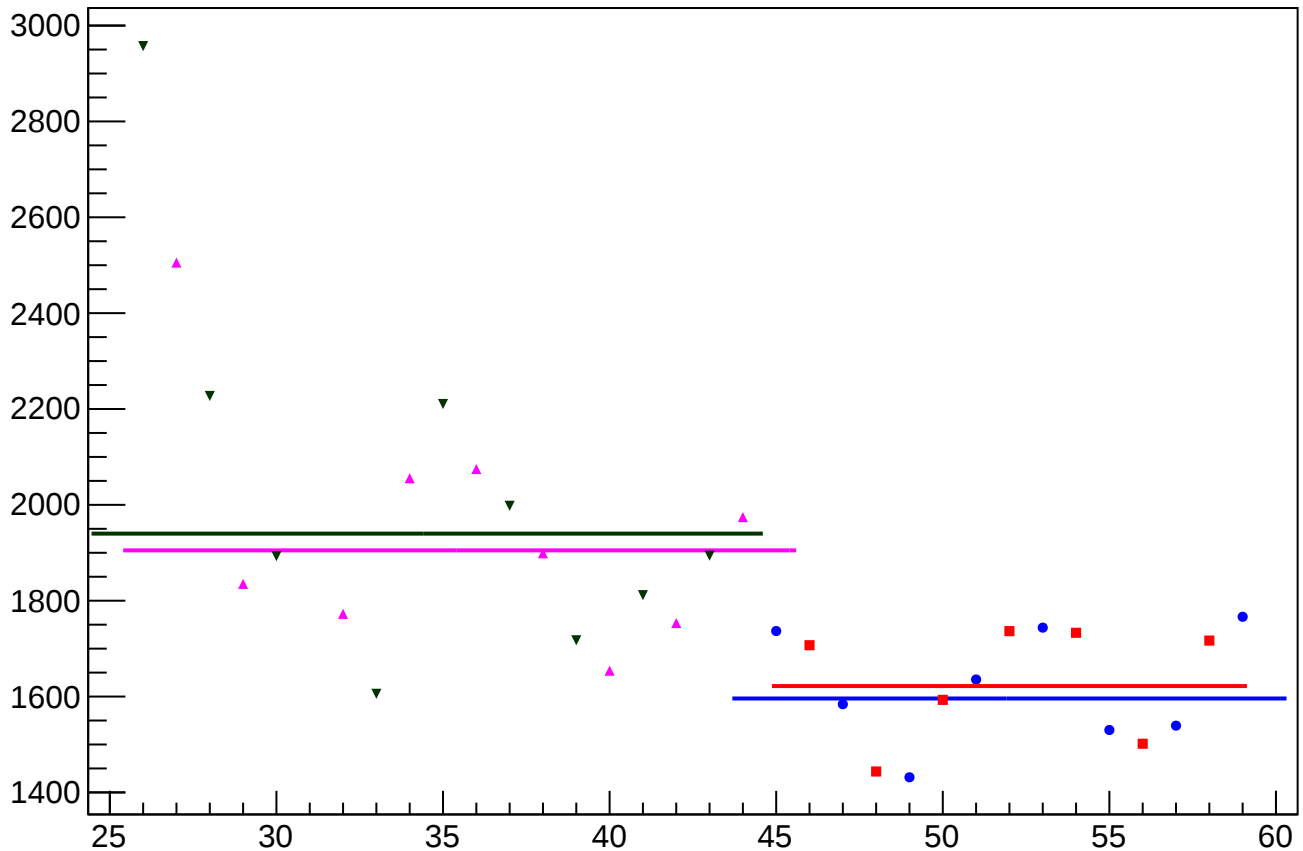
Left Out: -330.295 $\pm$ 892.971 χ^2 /NDF: 6.7/8

-194.328 $\pm$ 409.684 χ^2 /NDF: 39.2/32

Right Out: 502.424 $\pm$ 874.162 χ^2 /NDF: 15.2/6

Left In: -1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

asym_sam_48_avg_correction_rms vs slug



Right In: 1595.974 ± 0.517 χ^2/NDF : 58538.8/7

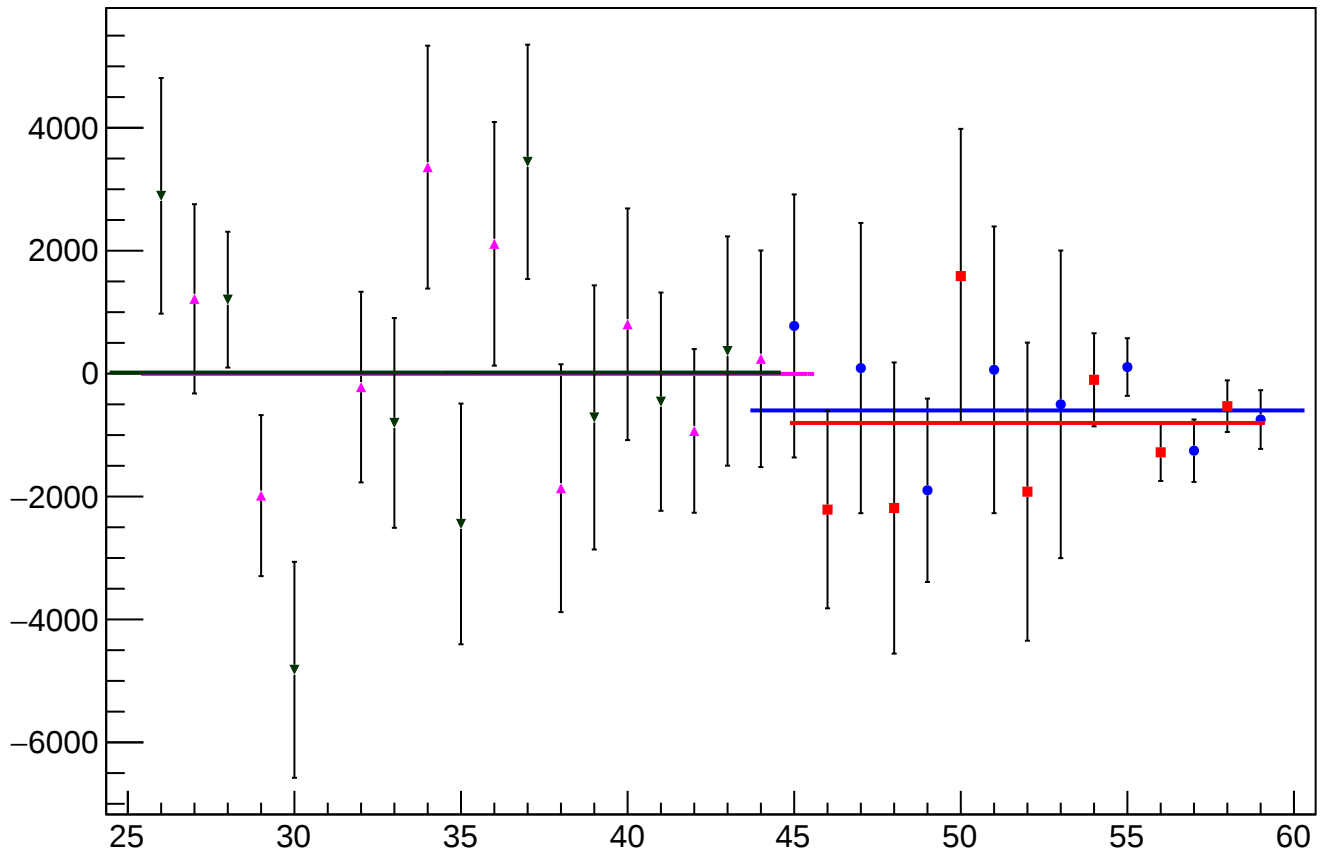
Left Out: 1939.983 ± 0.631 χ^2/NDF : 224092.6/8

Right Out: 1621.926 ± 0.618 χ^2/NDF : 34128.0/6

Left In: 1905.010 ± 0.573 χ^2/NDF : 152614.4/8

1753.069 ± 0.290 χ^2/NDF : 764747.2/32

asym_sam_15_dd_mean vs slug



Right In: -598.807+/-267.284 χ^2/NDF : 5.4/7

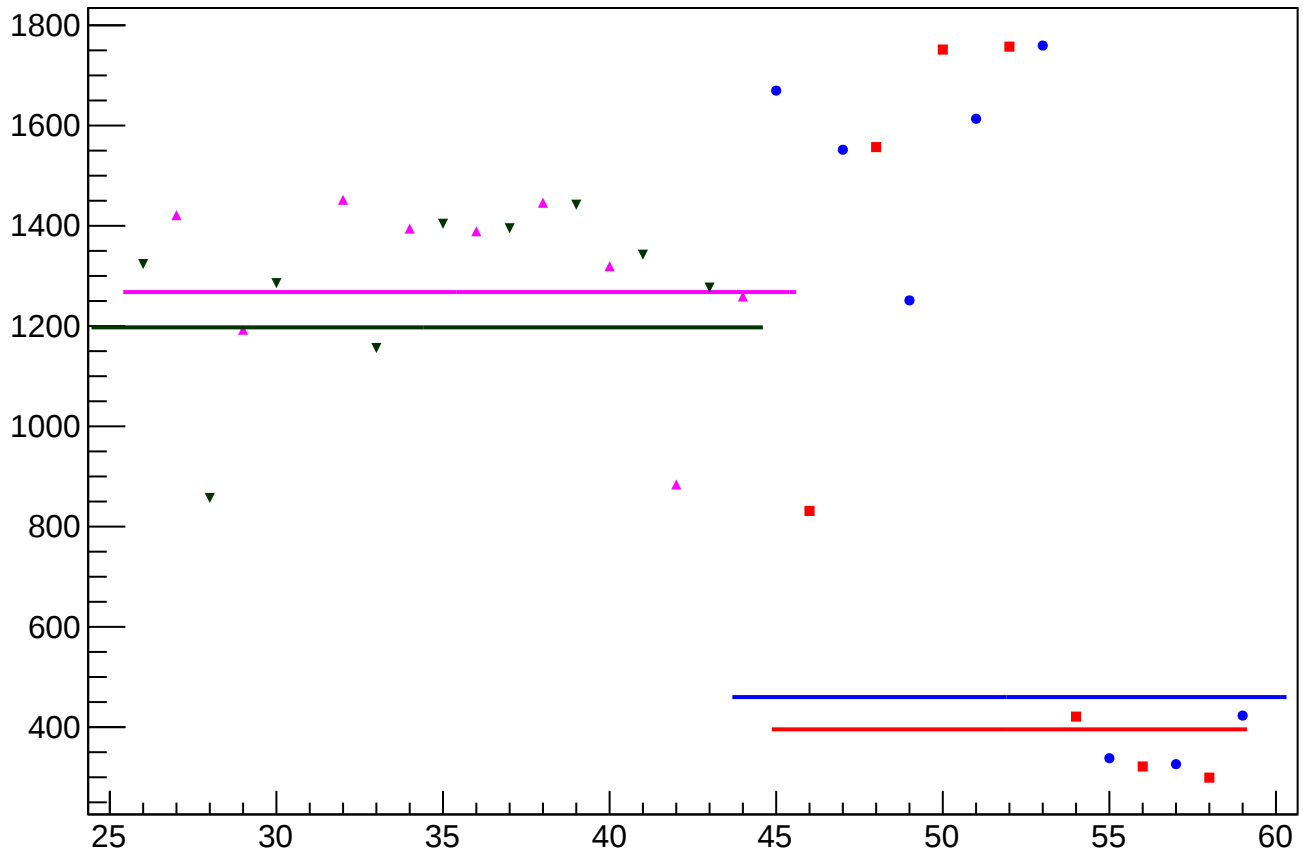
Left Out: 17.049+/-566.564 χ^2/NDF : 16.2/8

-560.816+/-173.068 χ^2/NDF : 37.6/32

Right Out: -802.733+/-278.113 χ^2/NDF : 4.7/6

Left In: -4.879+/-546.821 χ^2/NDF : 8.5/8

asym_sam_15_dd_rms vs slug



Right In: 459.953+/-0.189 χ^2/NDF : 2943099.1/7

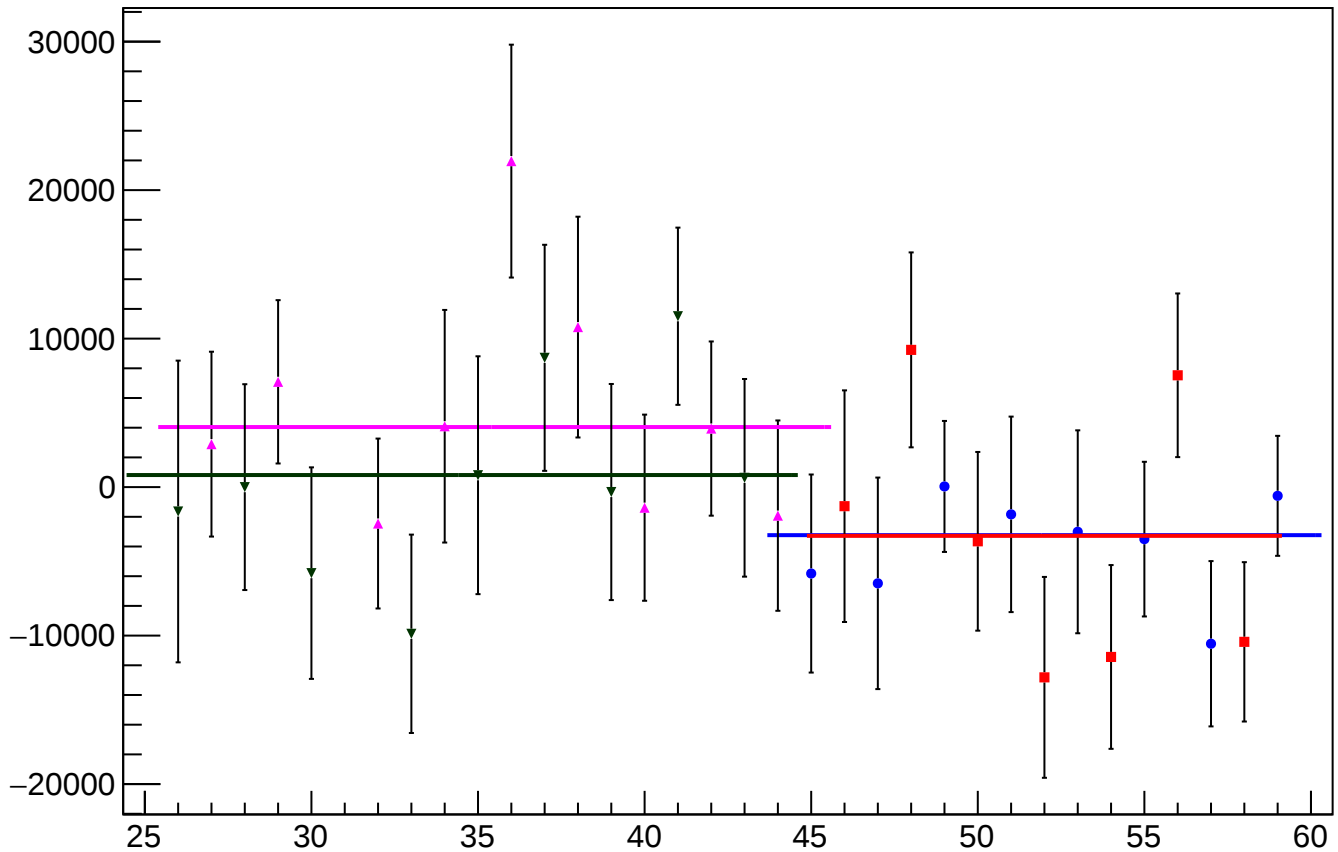
Left Out: 1197.414+/-0.401 χ^2/NDF :291303.5/8

584.778+/-0.122 χ^2/NDF : 12366495.2/32

Right Out: 395.607+/-0.197 χ^2/NDF : 2057641.7/6

Left In: 1267.855+/-0.387 χ^2/NDF :253536.2/8

asym_sam_26_dd_mean vs slug



Right In: -3235.932 ± 1929.895 $\chi^2/\text{NDF}: 3.1/7$

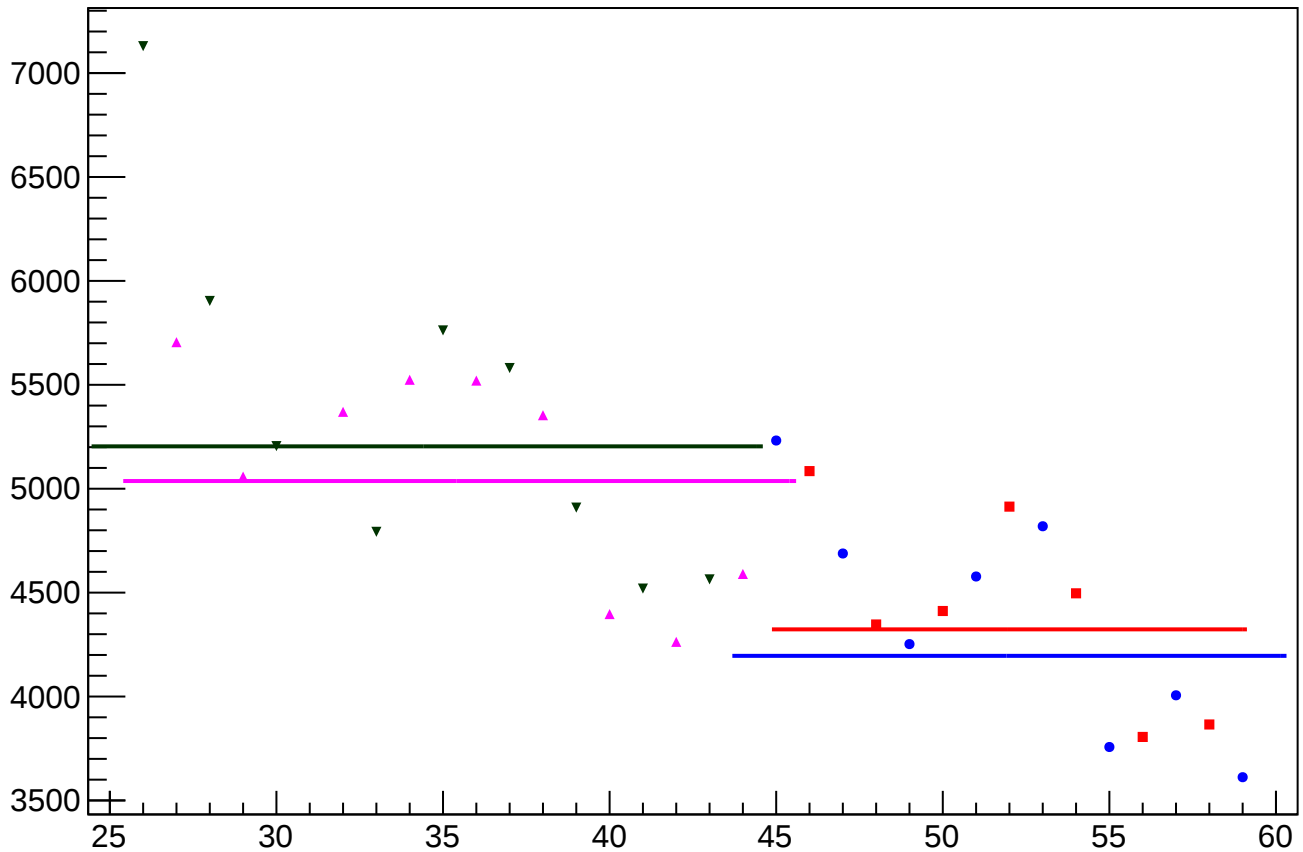
Left Out: 812.648 ± 2390.317 $\chi^2/\text{NDF}: 7.8/8$

-521.832 ± 1087.629 $\chi^2/\text{NDF}: 41.5/32$

Right Out: -3281.003 ± 2338.290 $\chi^2/\text{NDF}: 13.1/6$

Left In: 4044.605 ± 2137.141 $\chi^2/\text{NDF}: 9.3/8$

asym_sam_26_dd_rms vs slug



Right In: 4195.793+/-1.365 χ^2/NDF : 139845.4/7

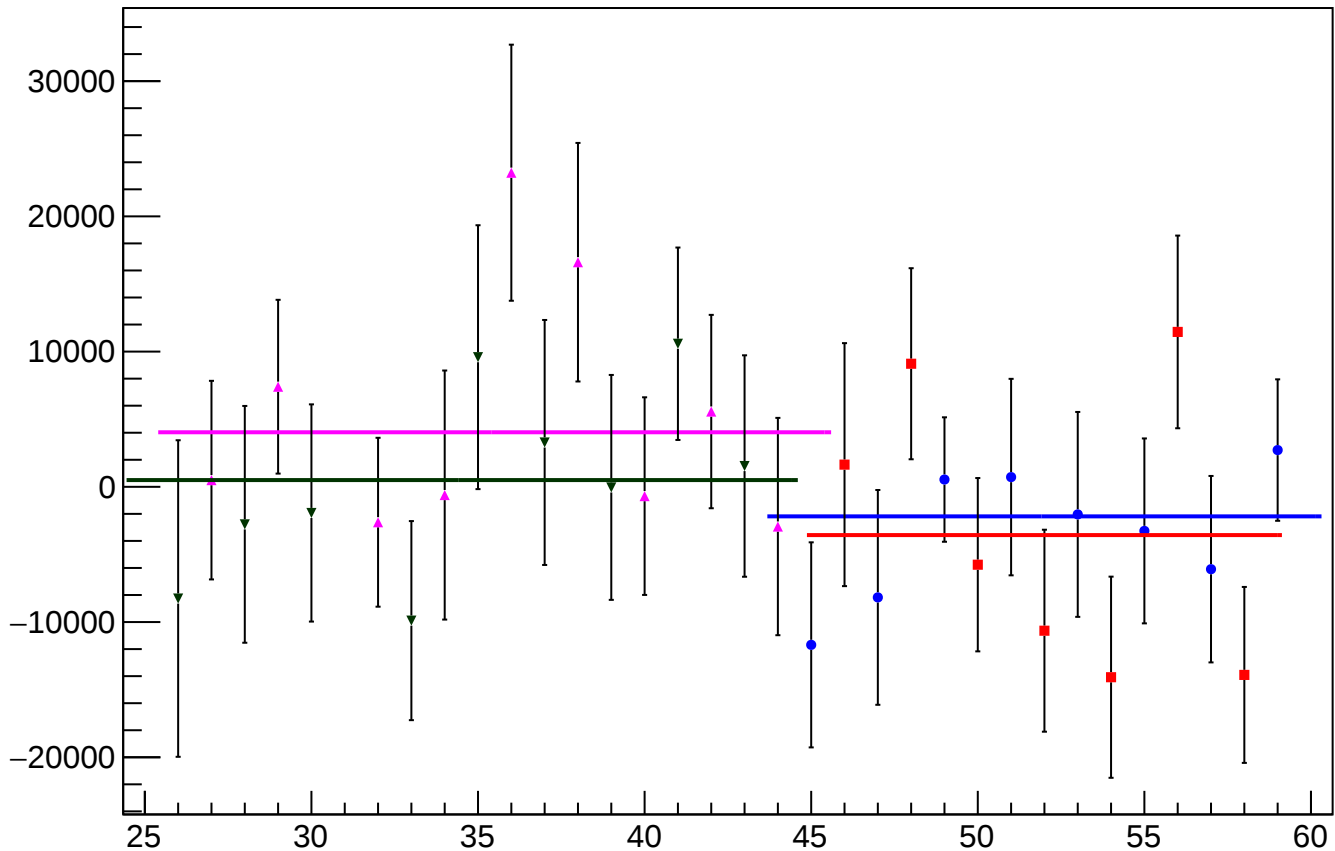
Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

4649.925+/-0.769 χ^2/NDF : 807907.8/32

Right Out: 4323.206+/-1.653 χ^2/NDF : 68542.8/6

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

asym_sam_37_dd_mean vs slug



Right In: -2184.583 ± 2259.716 $\chi^2/\text{NDF}: 3.9/7$

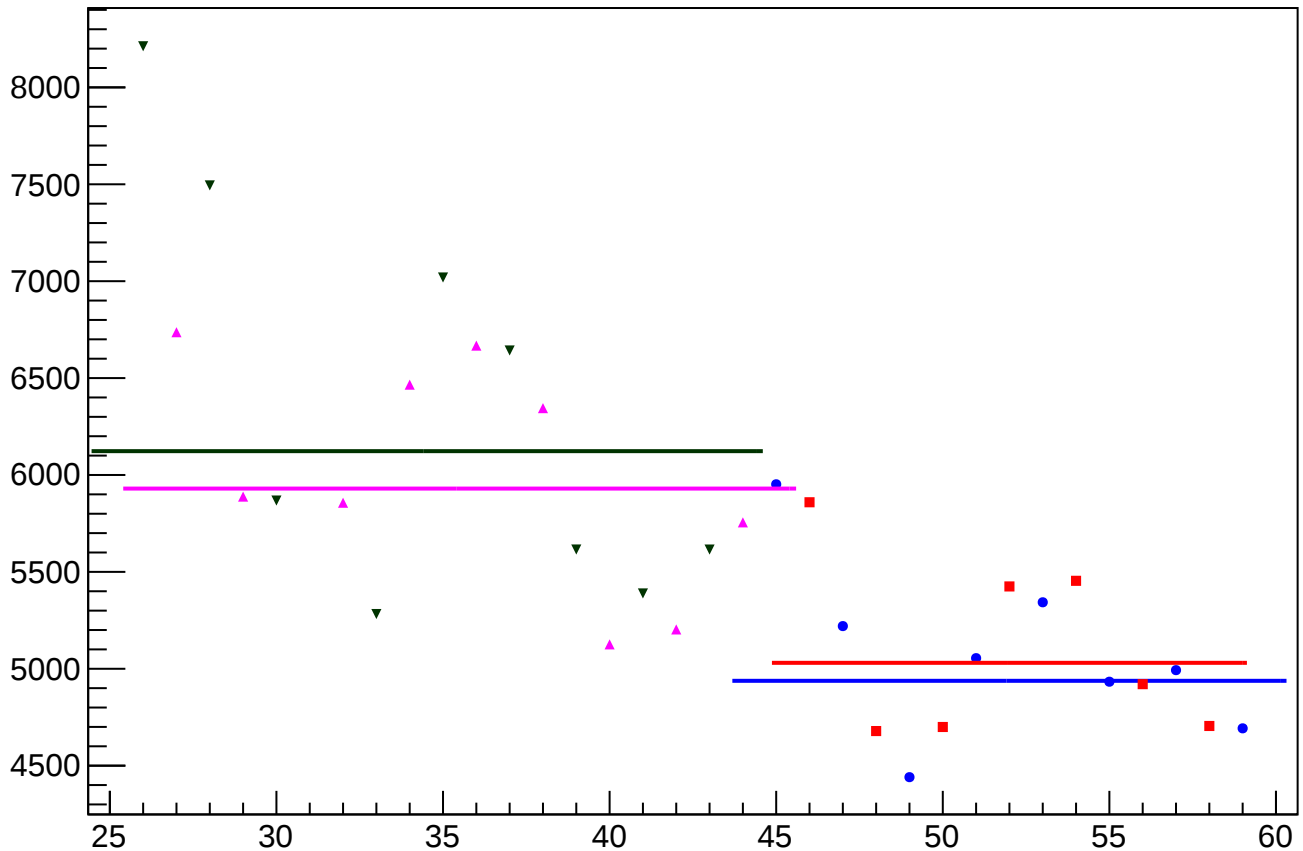
Left Out: 499.140 ± 2815.711 $\chi^2/\text{NDF}: 5.8/8$

-346.264 ± 1274.049 $\chi^2/\text{NDF}: 37.6/32$

Right Out: -3568.901 ± 2710.555 $\chi^2/\text{NDF}: 13.5/6$

Left In: 4033.740 ± 2515.841 $\chi^2/\text{NDF}: 9.3/8$

asym_sam_37_dd_rms vs slug



Right In: 4937.882+/-1.598 χ^2/NDF : 72418.9/7

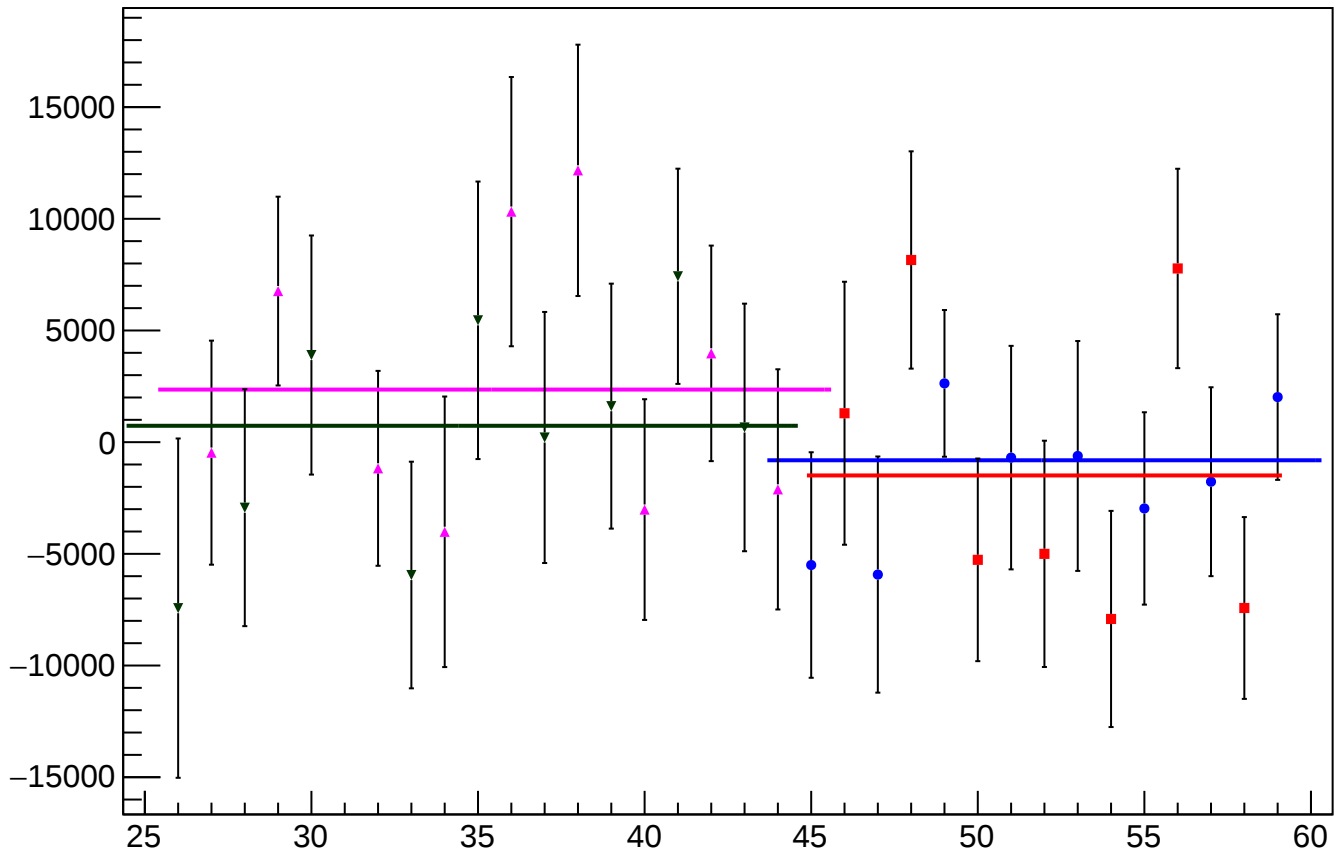
Left Out: 6122.948+/-1.991 χ^2/NDF : 200766.5/8

5455.407+/-0.901 χ^2/NDF : 749248.9/32

Right Out: 5030.705+/-1.917 χ^2/NDF : 44856.0/6

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

asym_sam_48_dd_mean vs slug



Right In: -810.794+/-1528.407 χ^2/NDF : 3.8/7

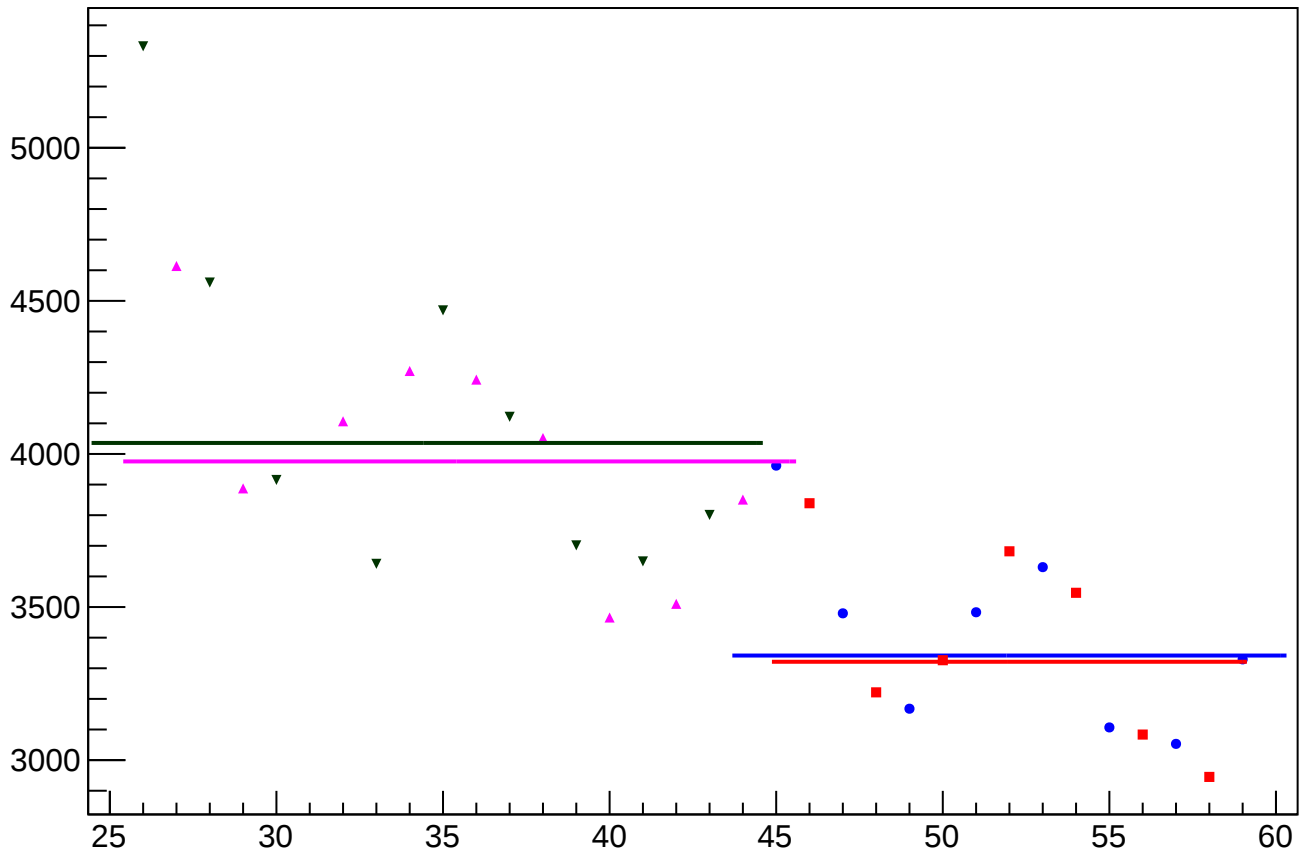
Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

169.352+/-849.313 χ^2/NDF : 36.6/32

Right Out: -1489.969+/-1790.394 χ^2/NDF : 13.5/6

Left In: 2354.799+/-1682.711 χ^2/NDF : 9.9/8

asym_sam_48_dd_rms vs slug



Right In: 3341.590 ± 1.081 χ^2/NDF : 60327.0/7

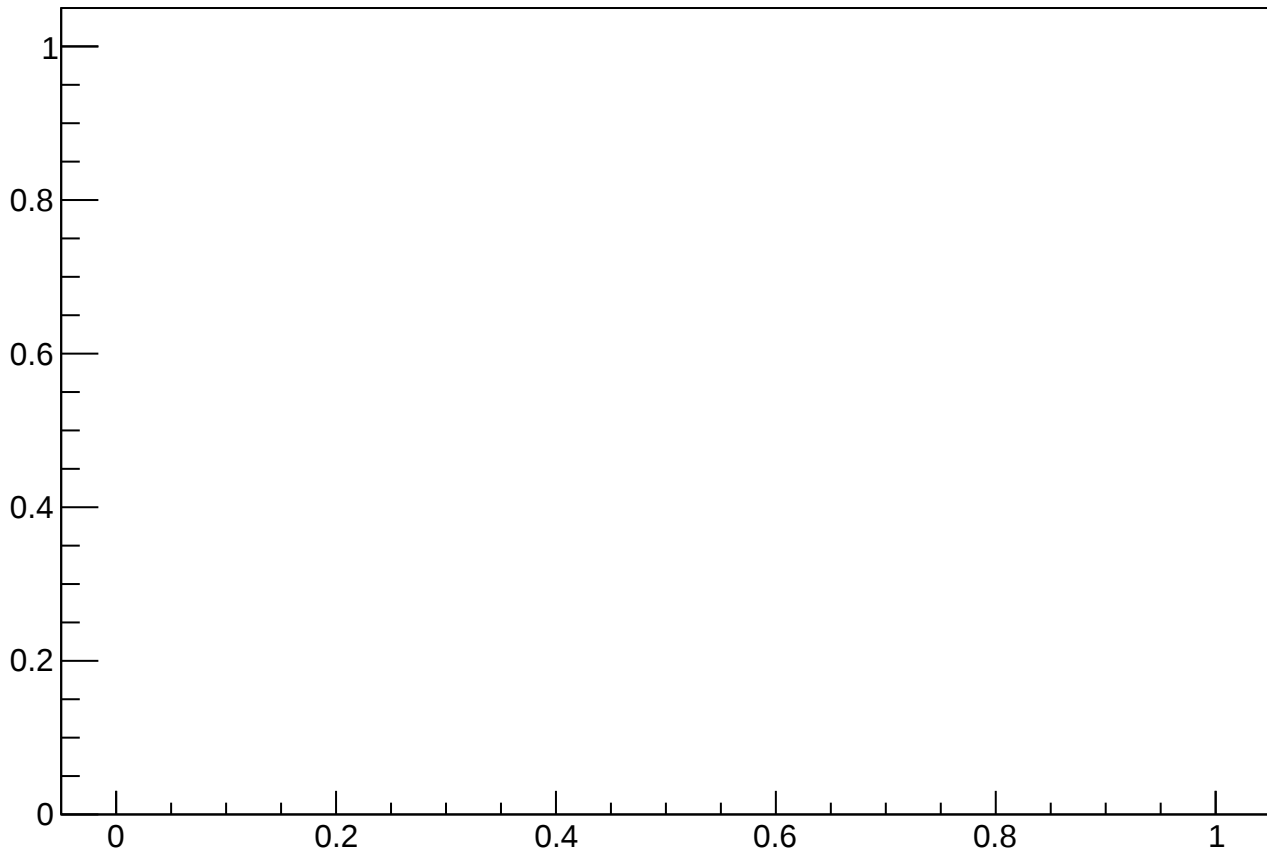
Left Out: 4035.979 ± 1.306 χ^2/NDF : 124959.6/8

3645.351 ± 0.601 χ^2/NDF : 634949.7/32

Right Out: 3321.269 ± 1.266 χ^2/NDF : 53555.3/6

Left In: 3975.604 ± 1.190 χ^2/NDF : 85088.4/8

yield_sam_15_dd_mean vs slug



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

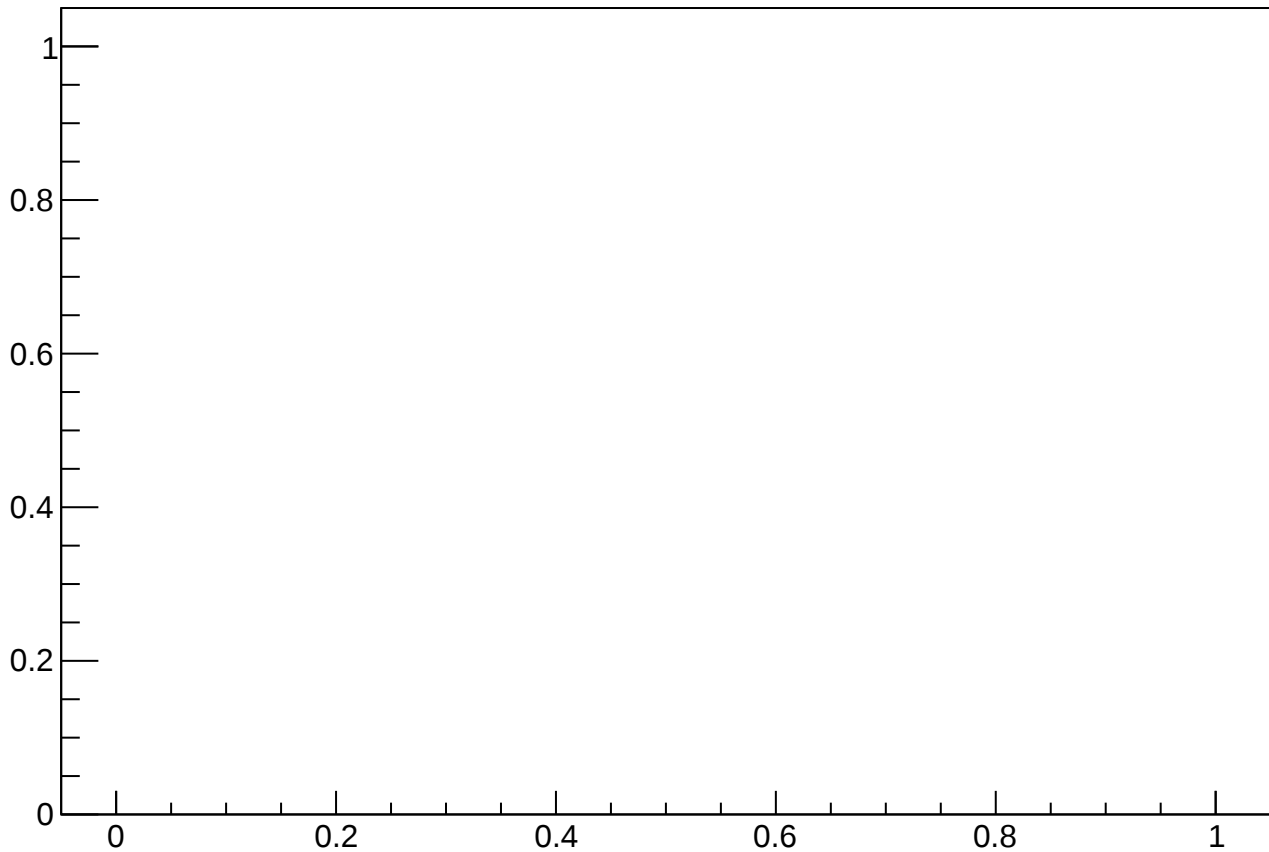
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_dd_rms vs slug



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

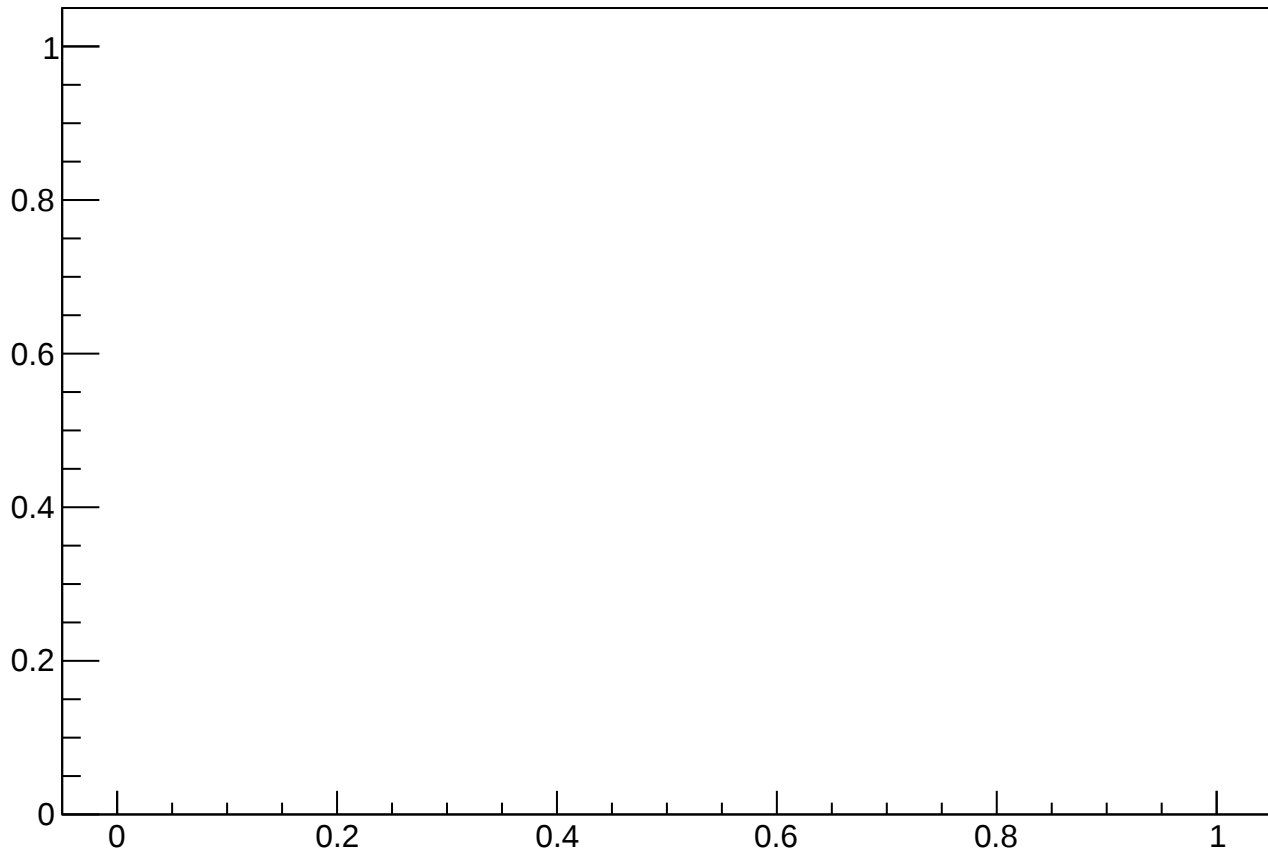
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_sam_26_dd_mean vs slug



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

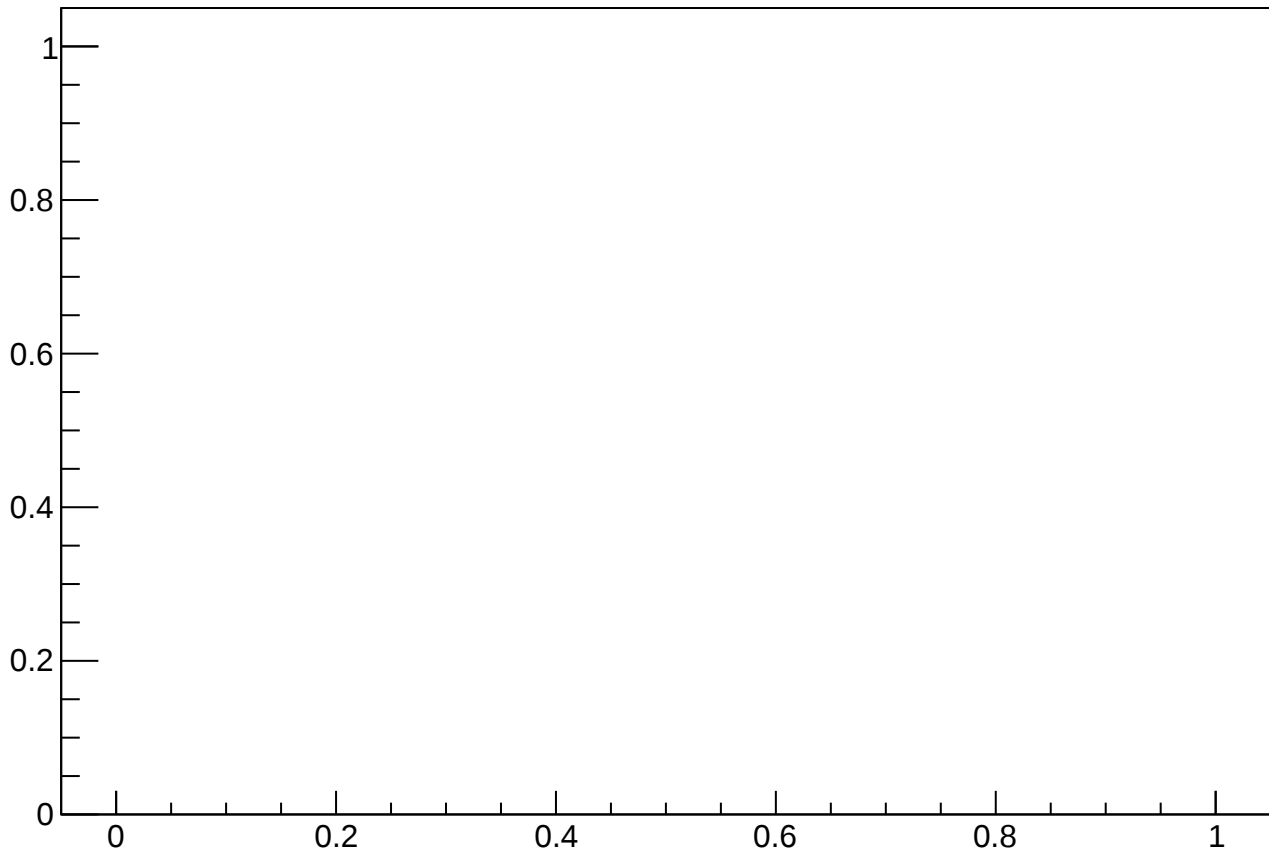
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_rms vs slug



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

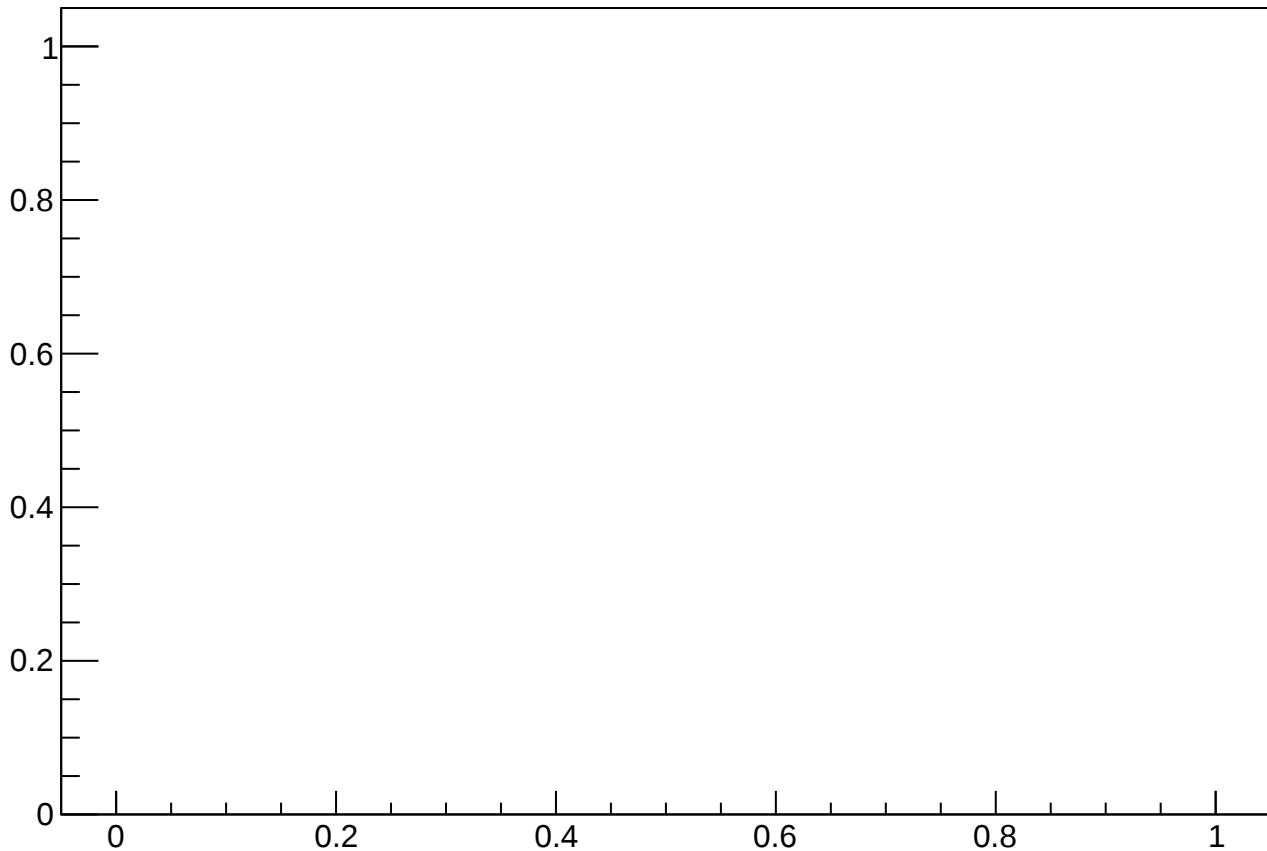
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_dd_mean vs slug



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

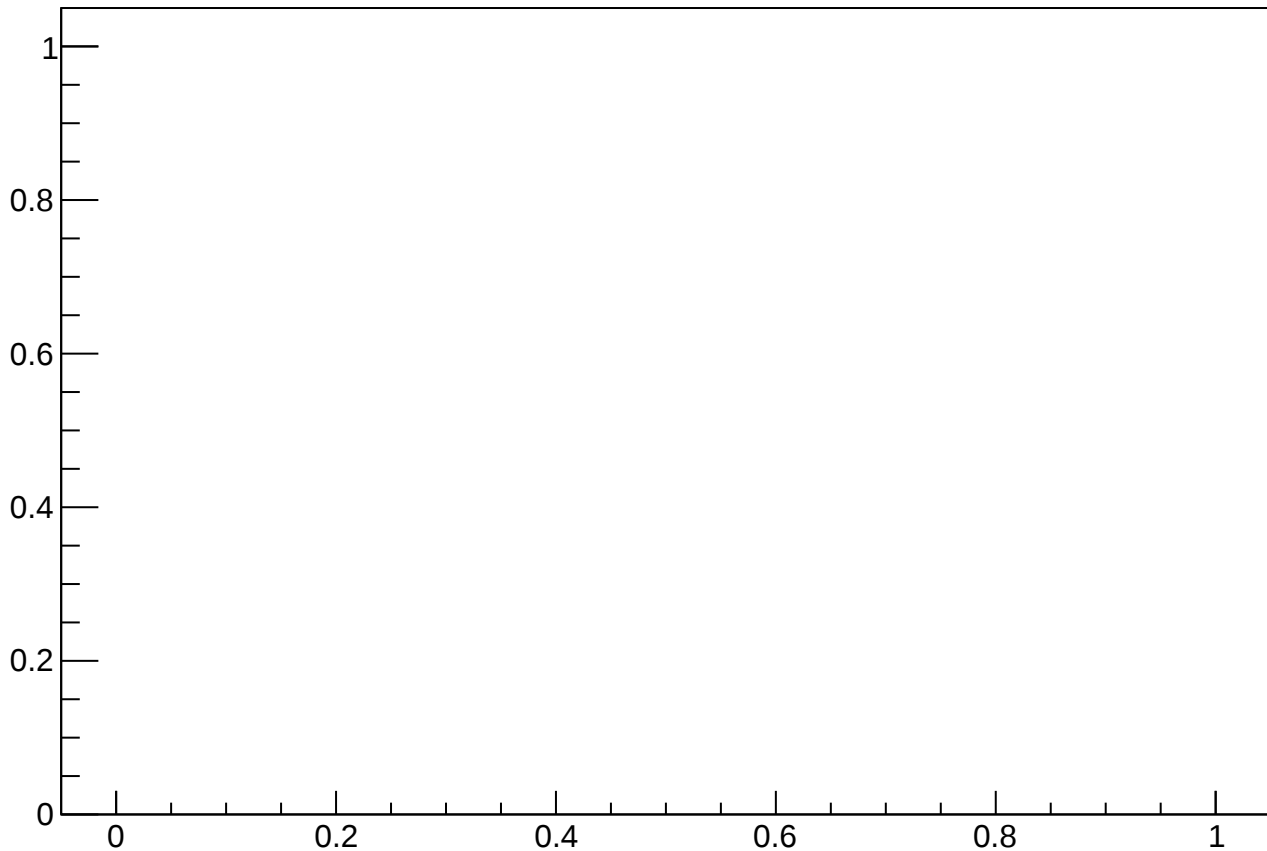
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_sam_37_dd_rms vs slug



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

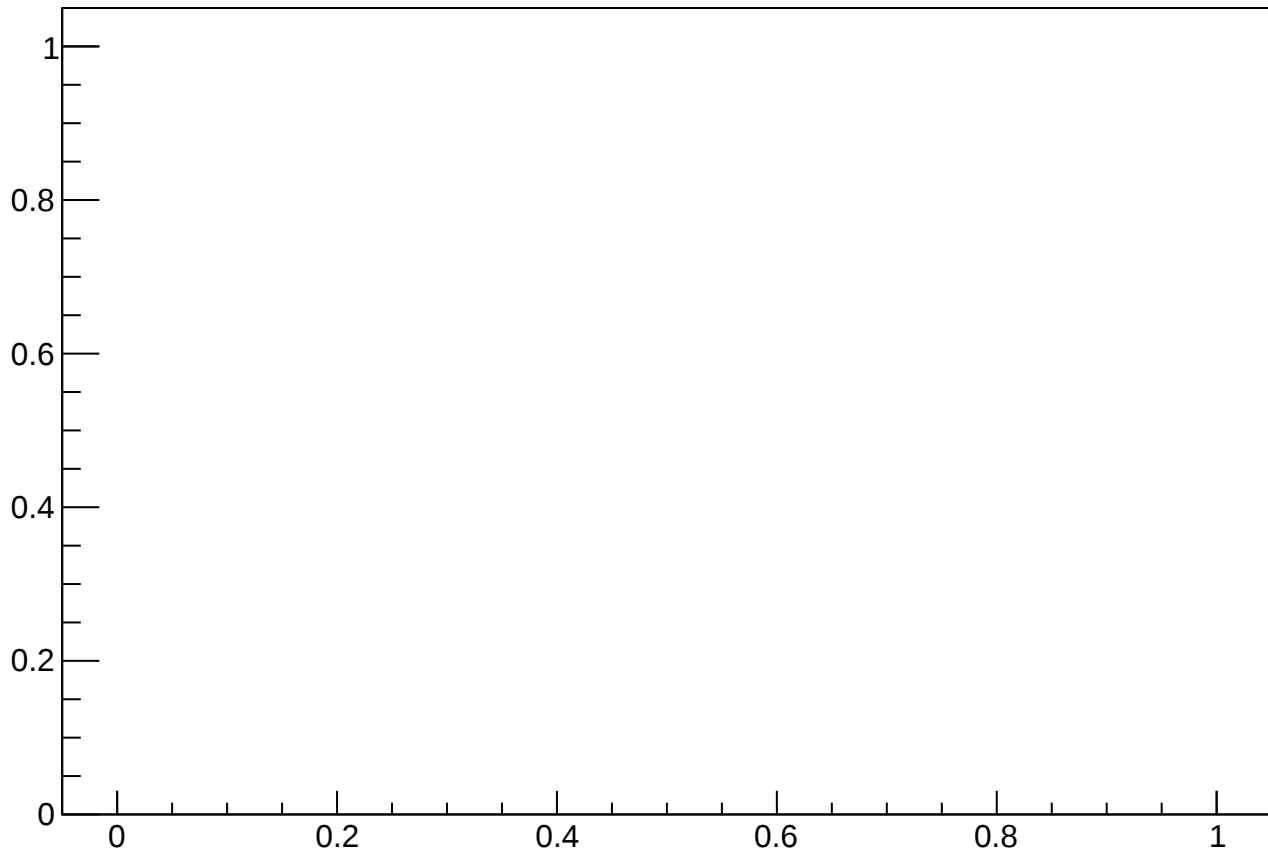
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_mean vs slug



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

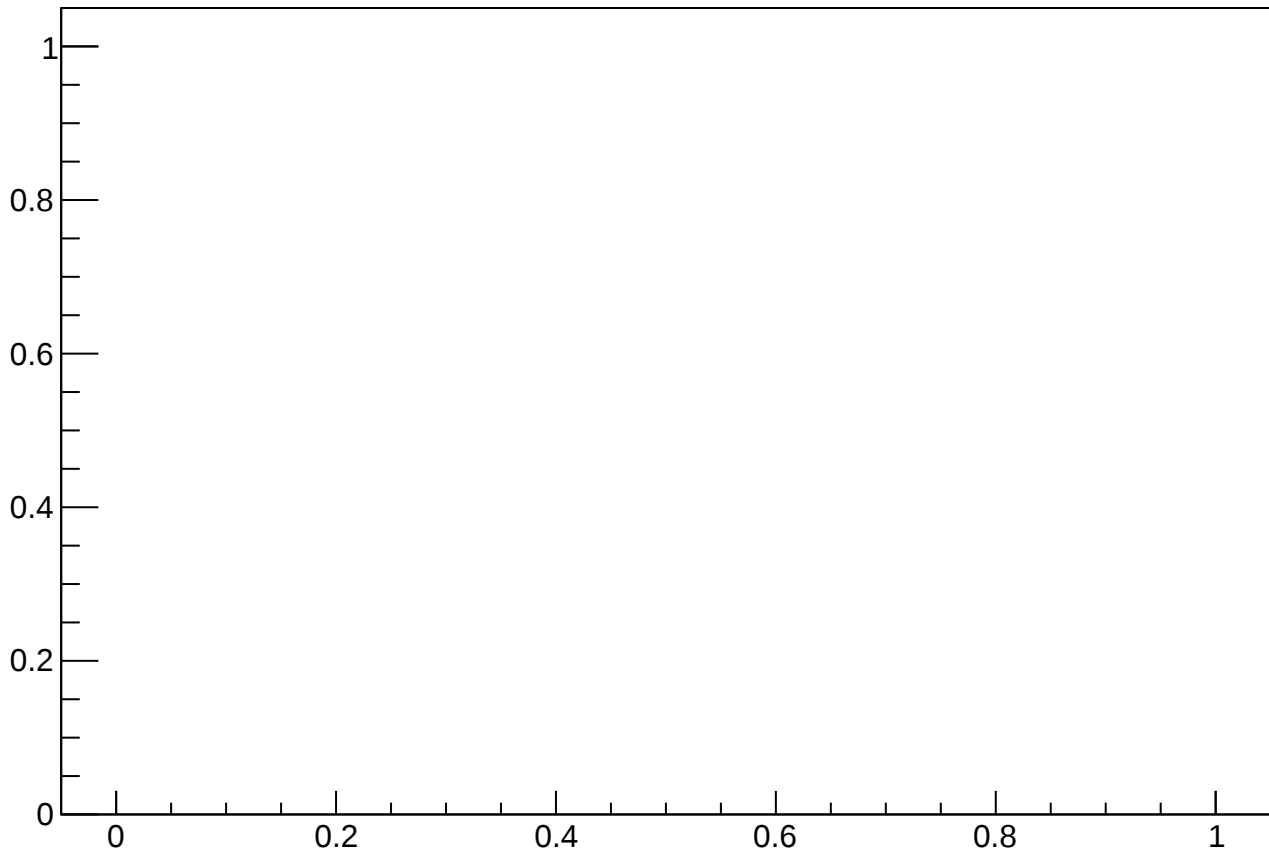
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_rms vs slug



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

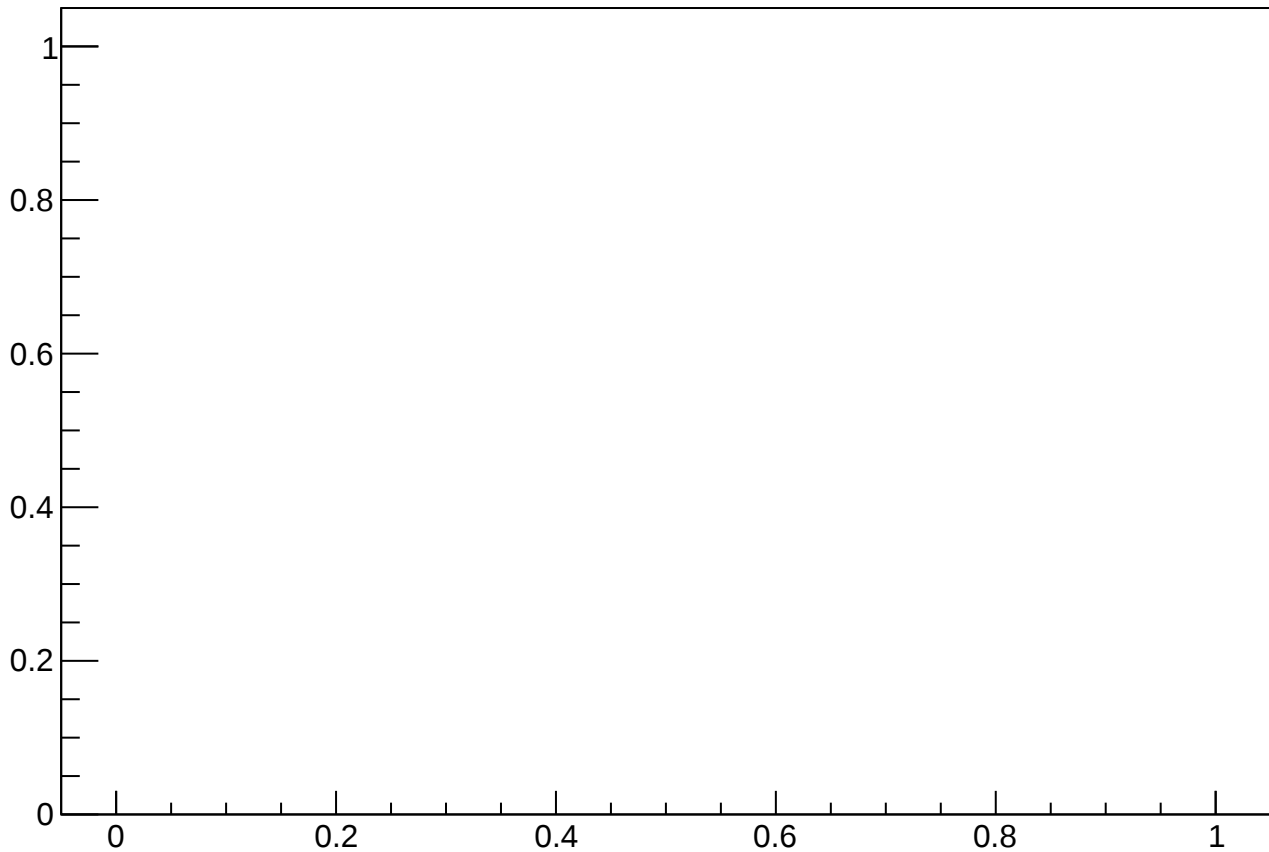
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_mean vs slug



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

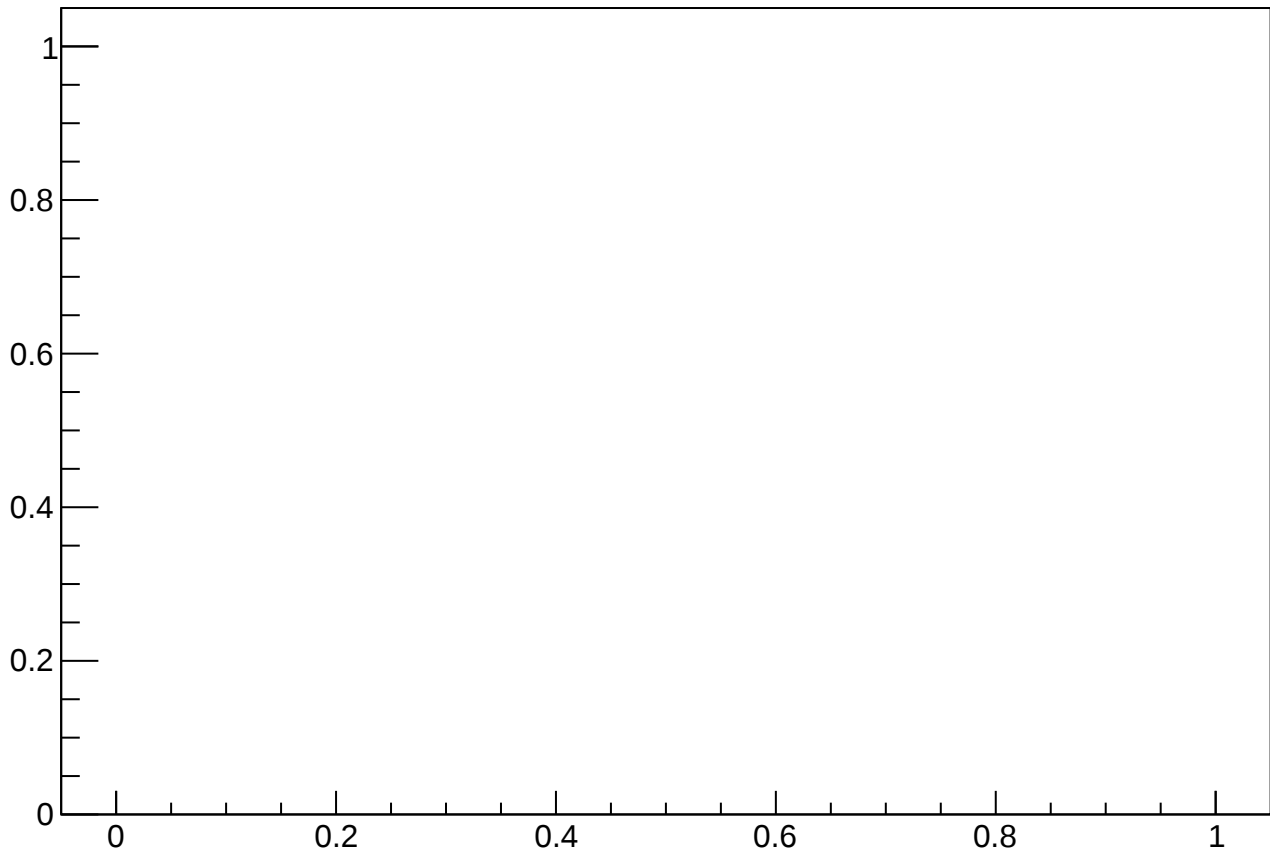
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_15_dd_rms vs slug



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

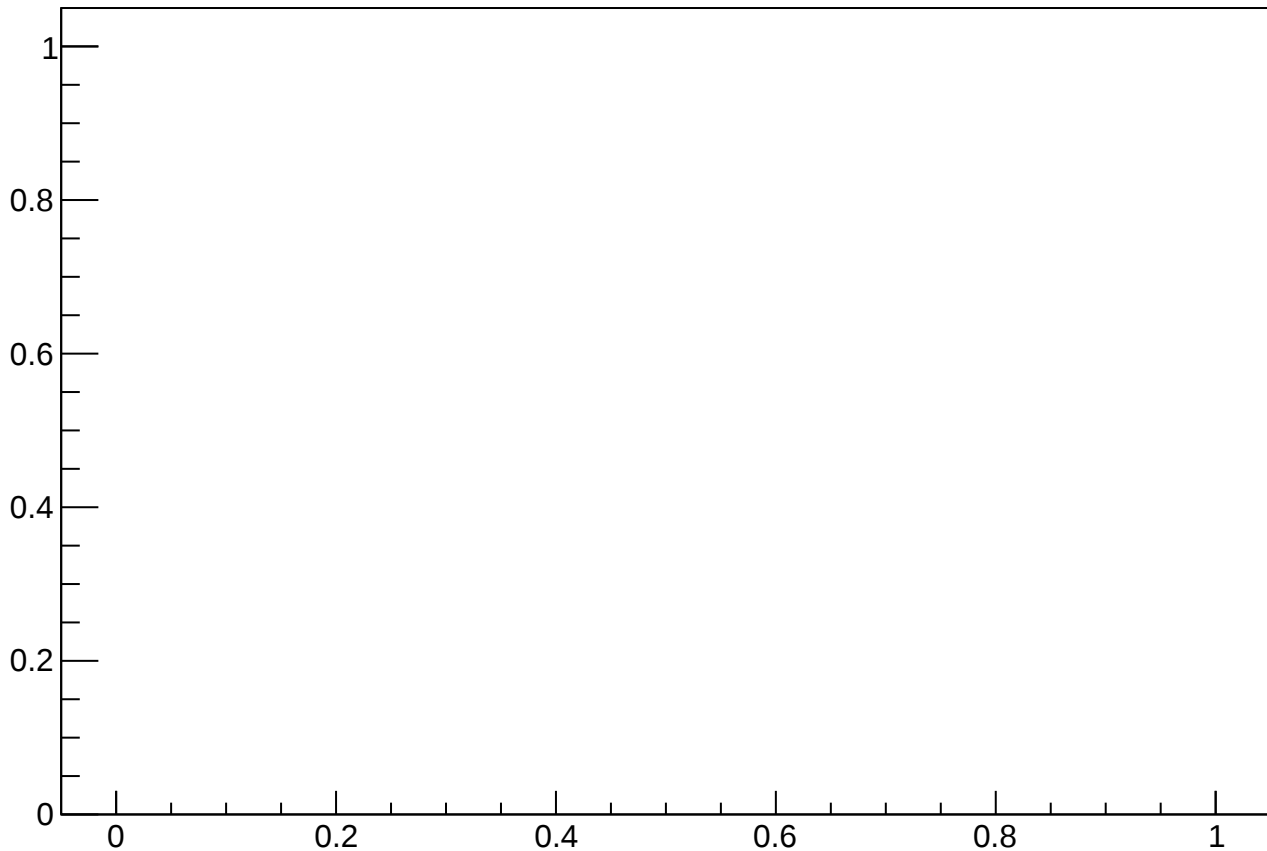
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_26_dd_mean vs slug



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

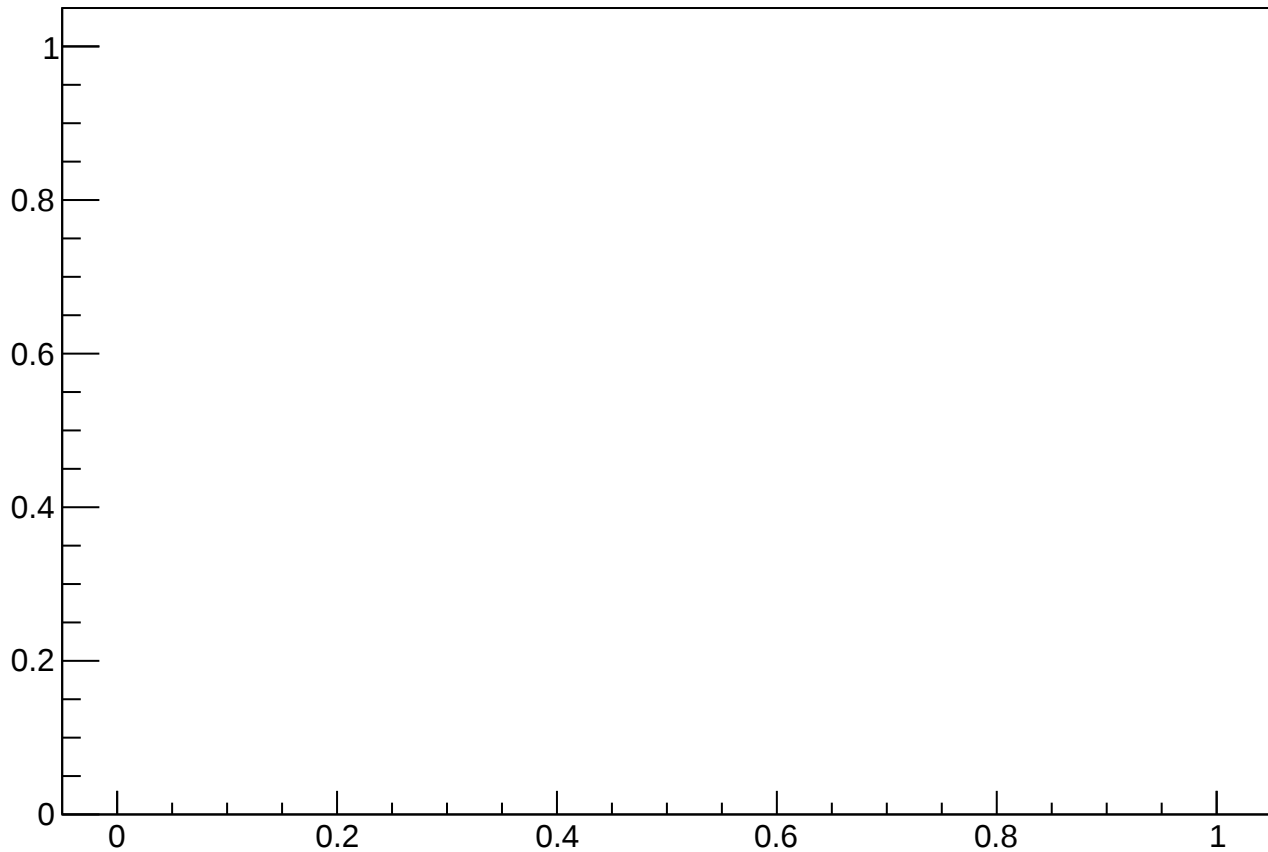
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



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

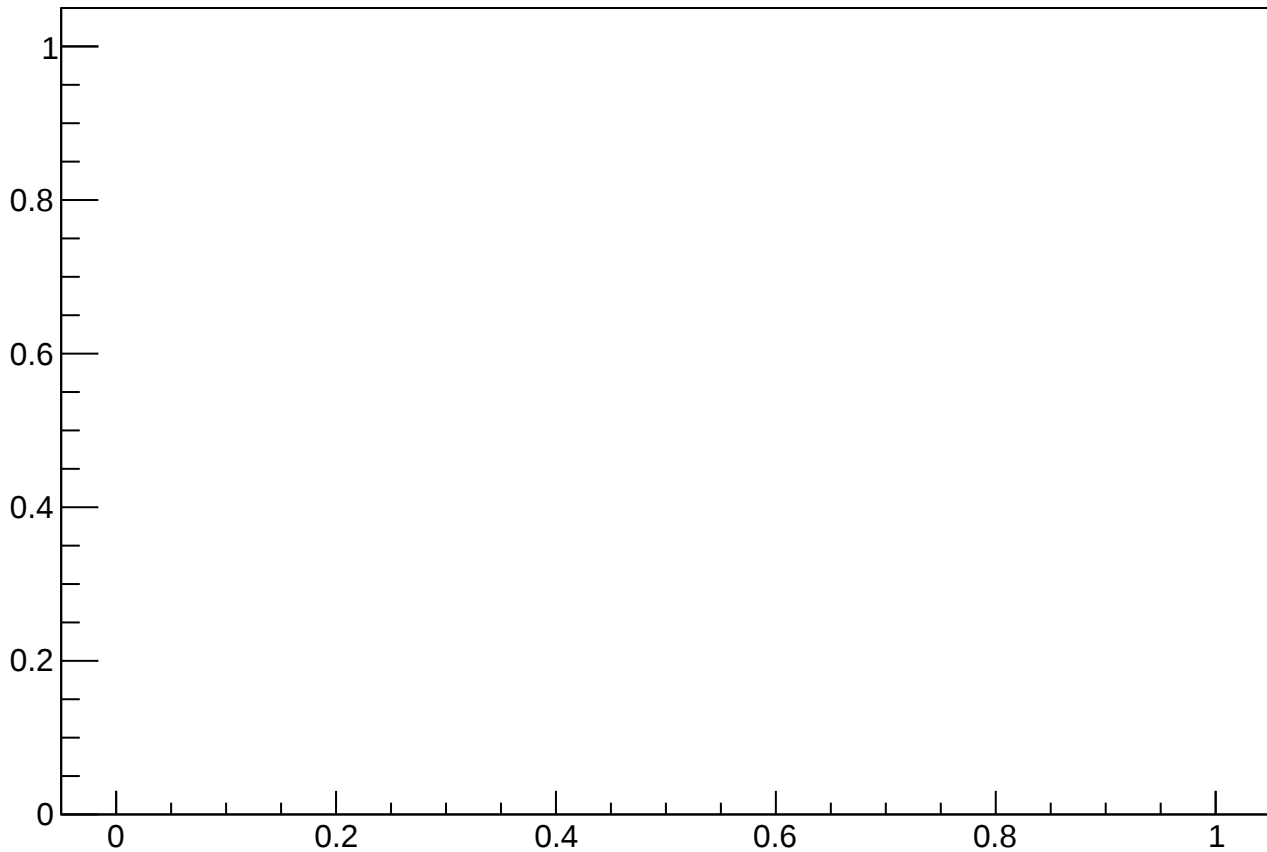
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



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

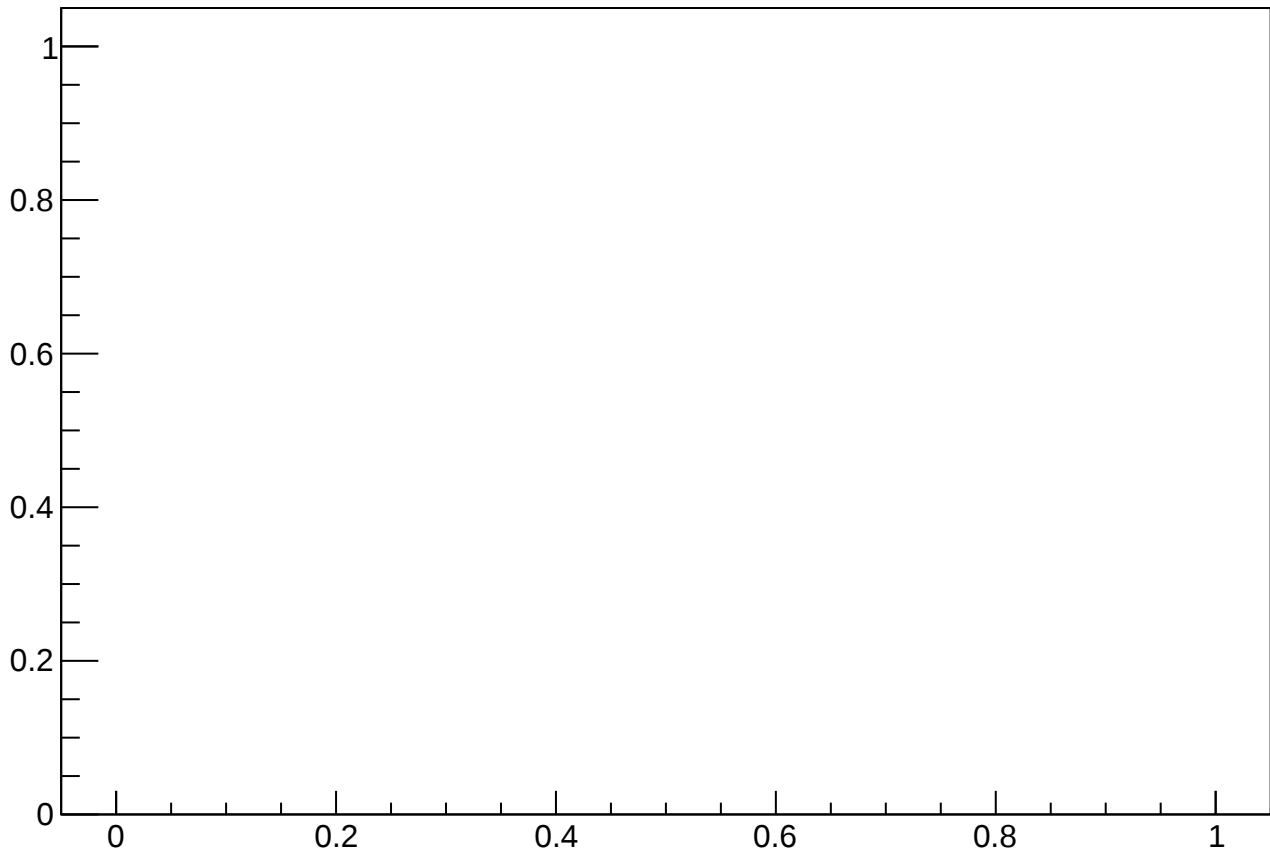
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_37_dd_rms vs slug



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

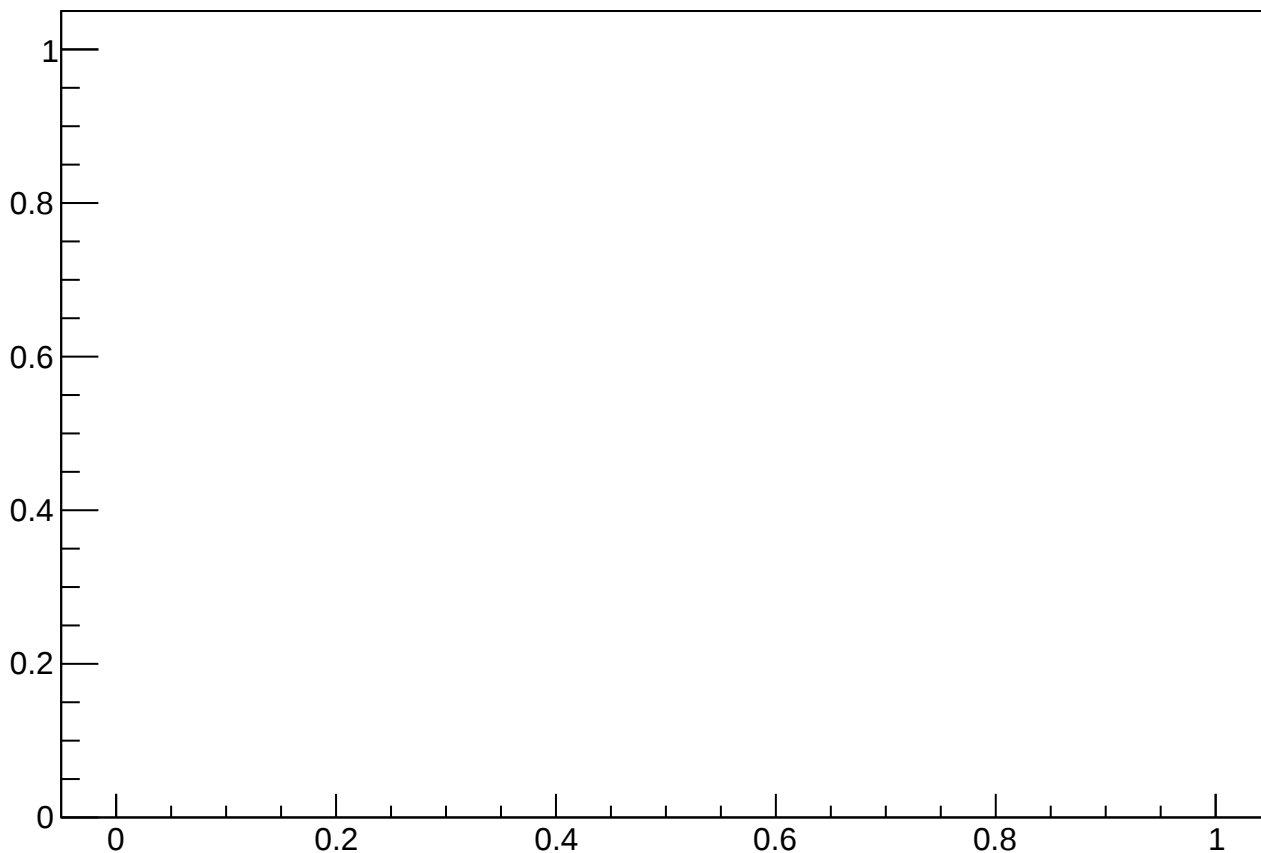
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



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

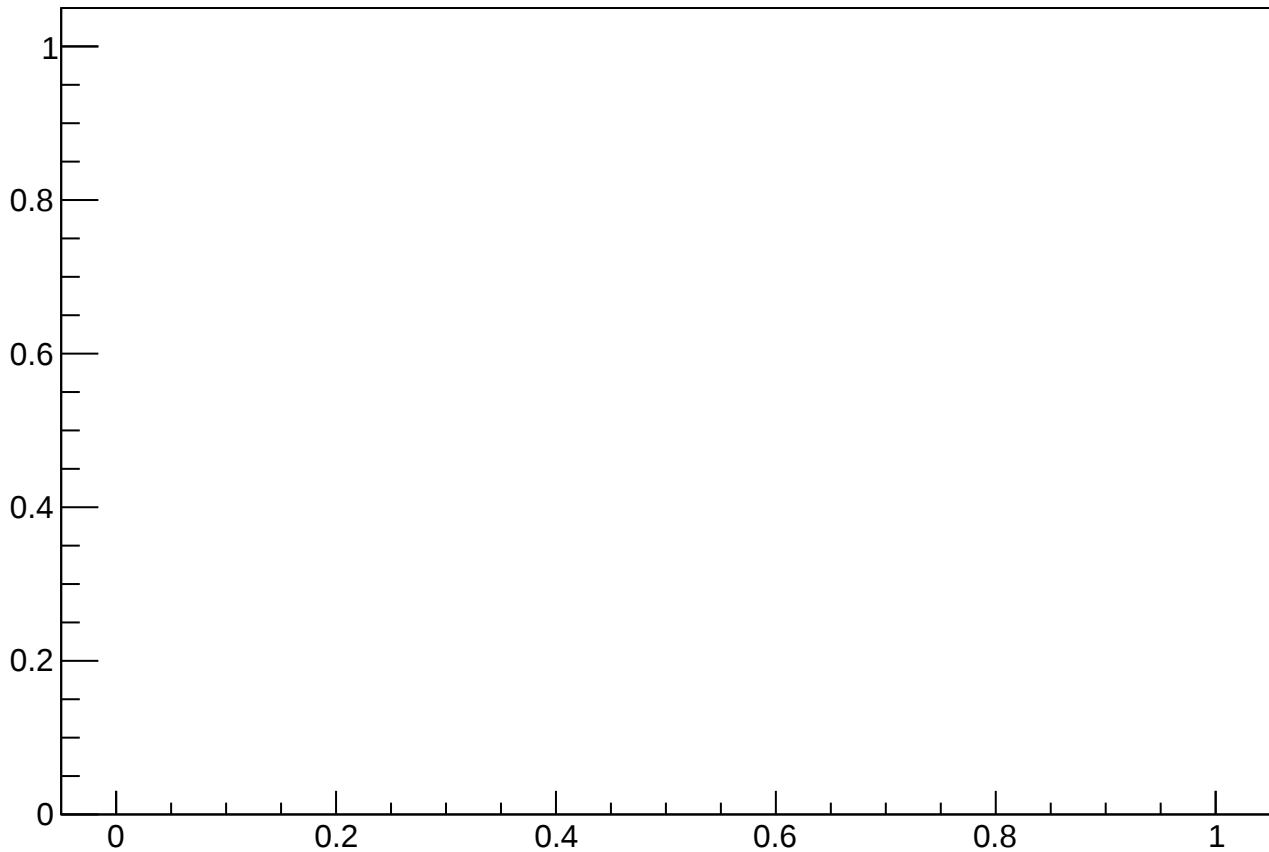
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

cor_sam_48_dd_rms vs slug



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

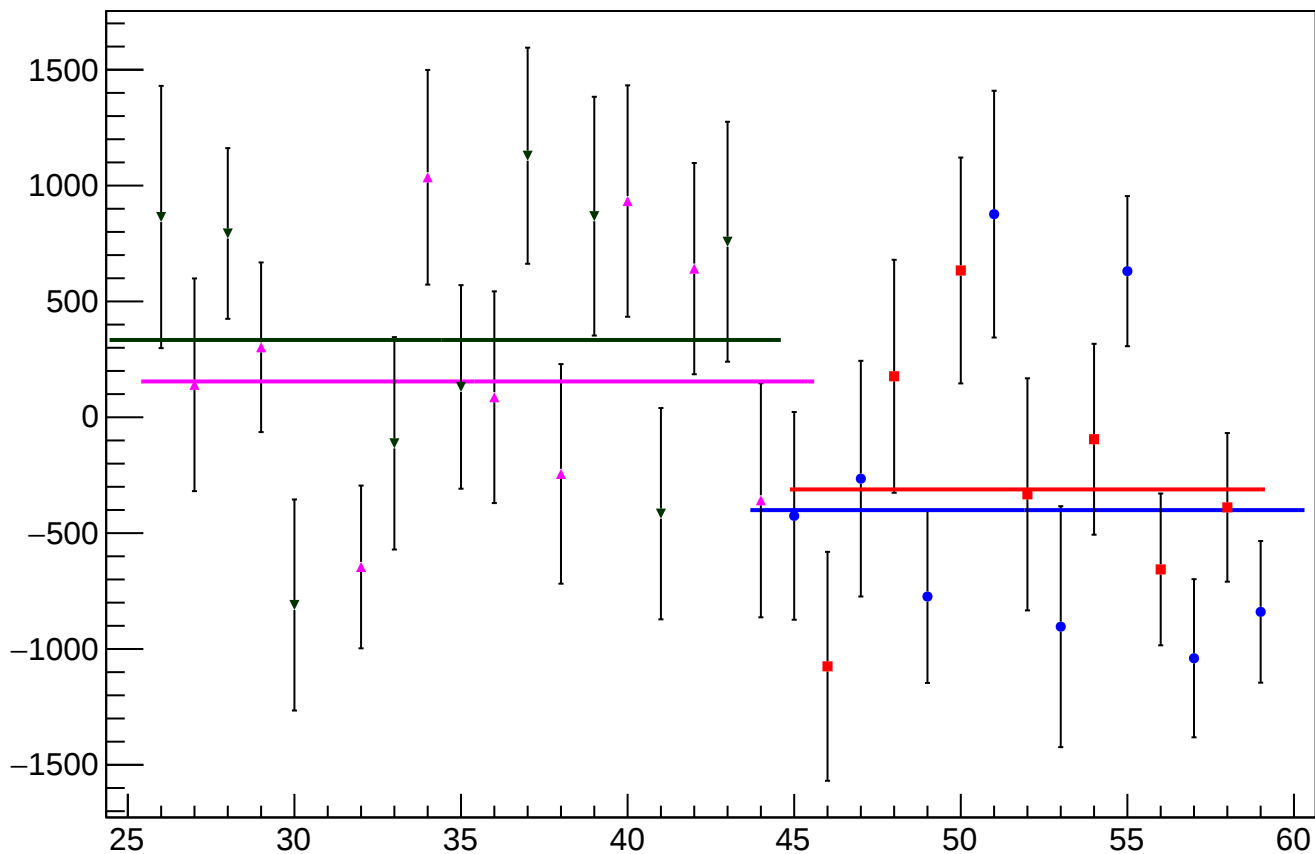
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

reg_asym_sam_15_dd_mean vs slug



Right In: -400.652+/-138.583 χ^2/NDF : 23.5/7

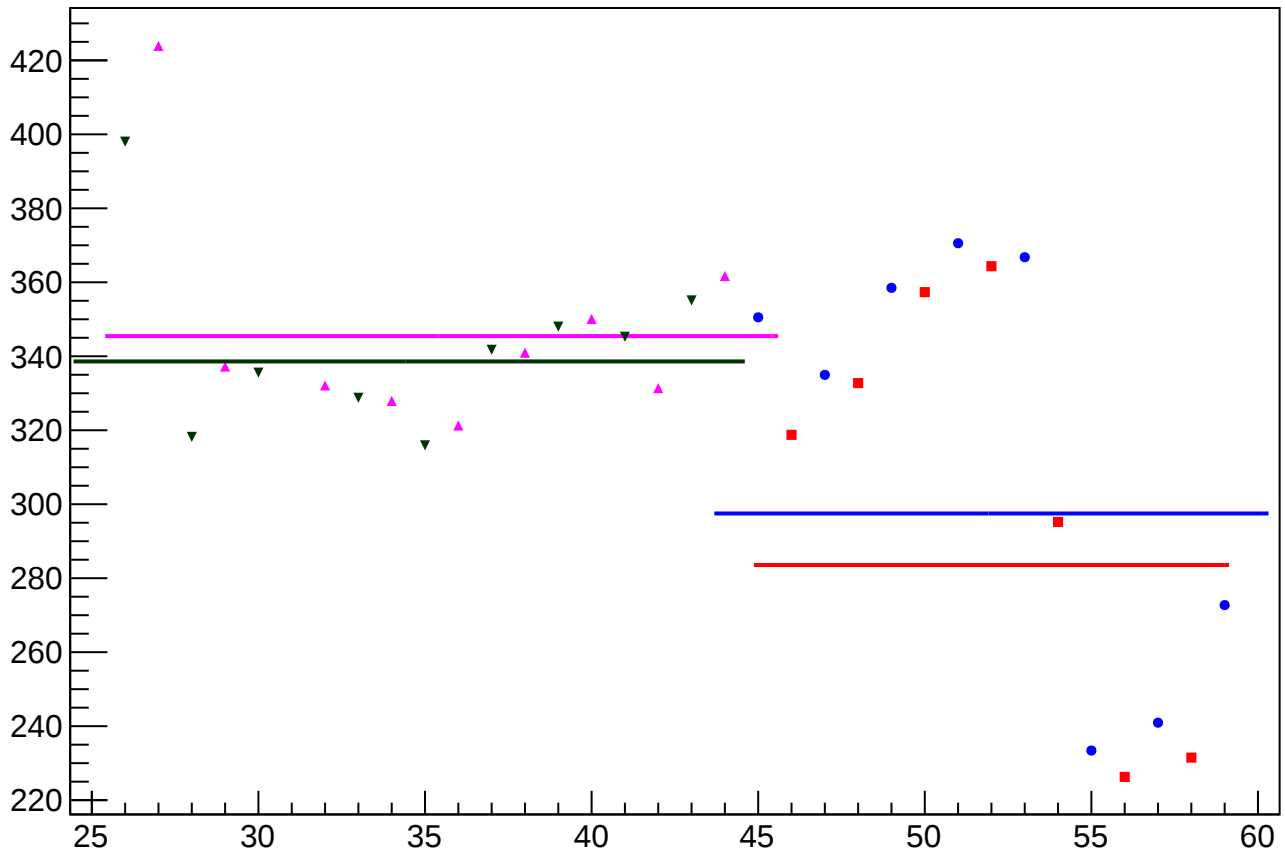
Left Out: 333.723+/-154.013 χ^2/NDF : 17.3/8

Right Out: -311.290+/-155.835 χ^2/NDF : 8.5/6

Left In: 154.649+/-145.928 χ^2/NDF : 14.3/8

-67.714+/-74.051 χ^2/NDF : 80.9/32

reg_asym_sam_15_dd_rms vs slug



Right In: 297.503 $\pm$ 0.098 χ^2 /NDF: 311772.0/7

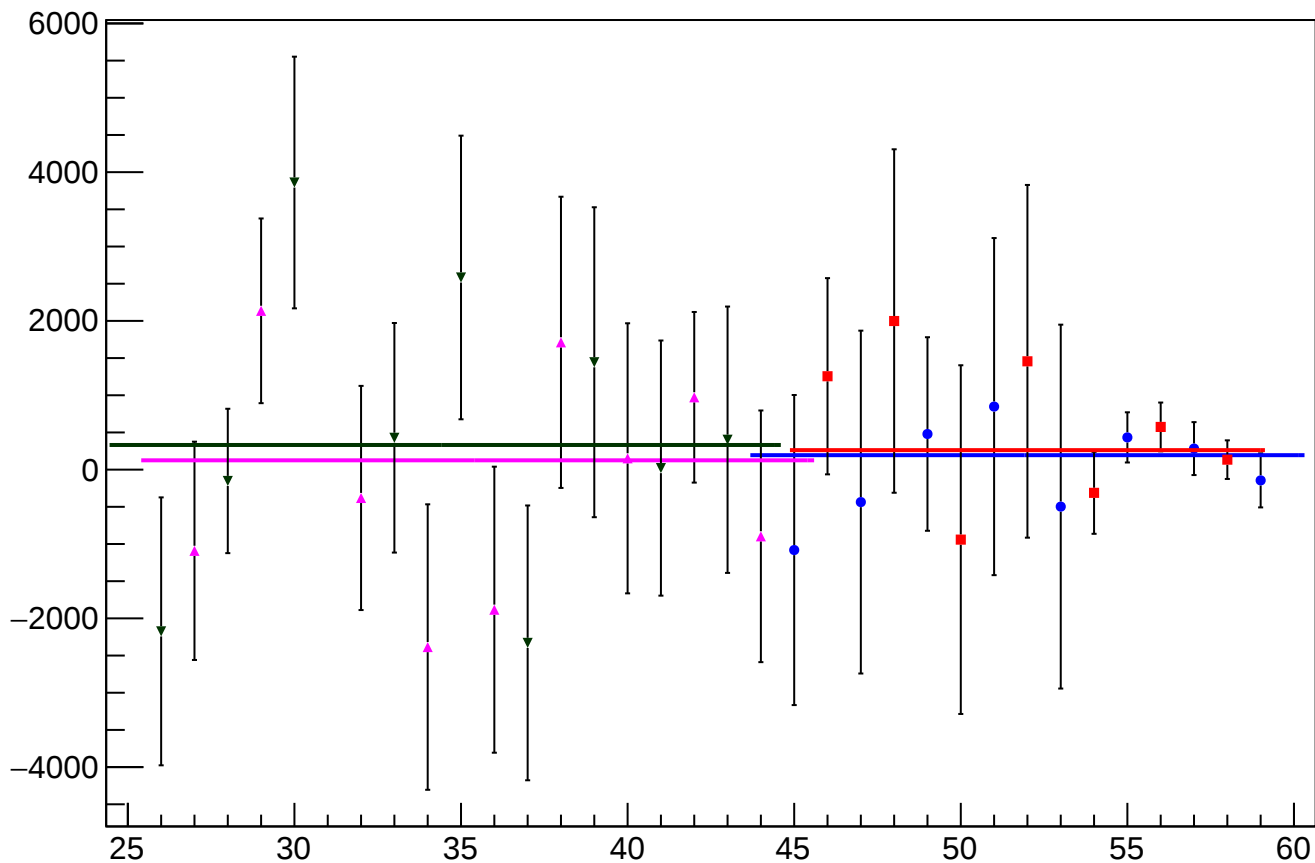
Left Out: 338.603 $\pm$ 0.109 χ^2 /NDF:37731.2/8

316.205 $\pm$ 0.052 χ^2 /NDF: 914021.9/32

Right Out: 283.567 $\pm$ 0.110 χ^2 /NDF: 242621.9/6

Left In: 345.453 $\pm$ 0.103 χ^2 /NDF:75102.1/8

asym_sam_15_dd_correction_mean vs slug



Right In: 194.435 ± 197.550 χ^2/NDF : 2.1/7

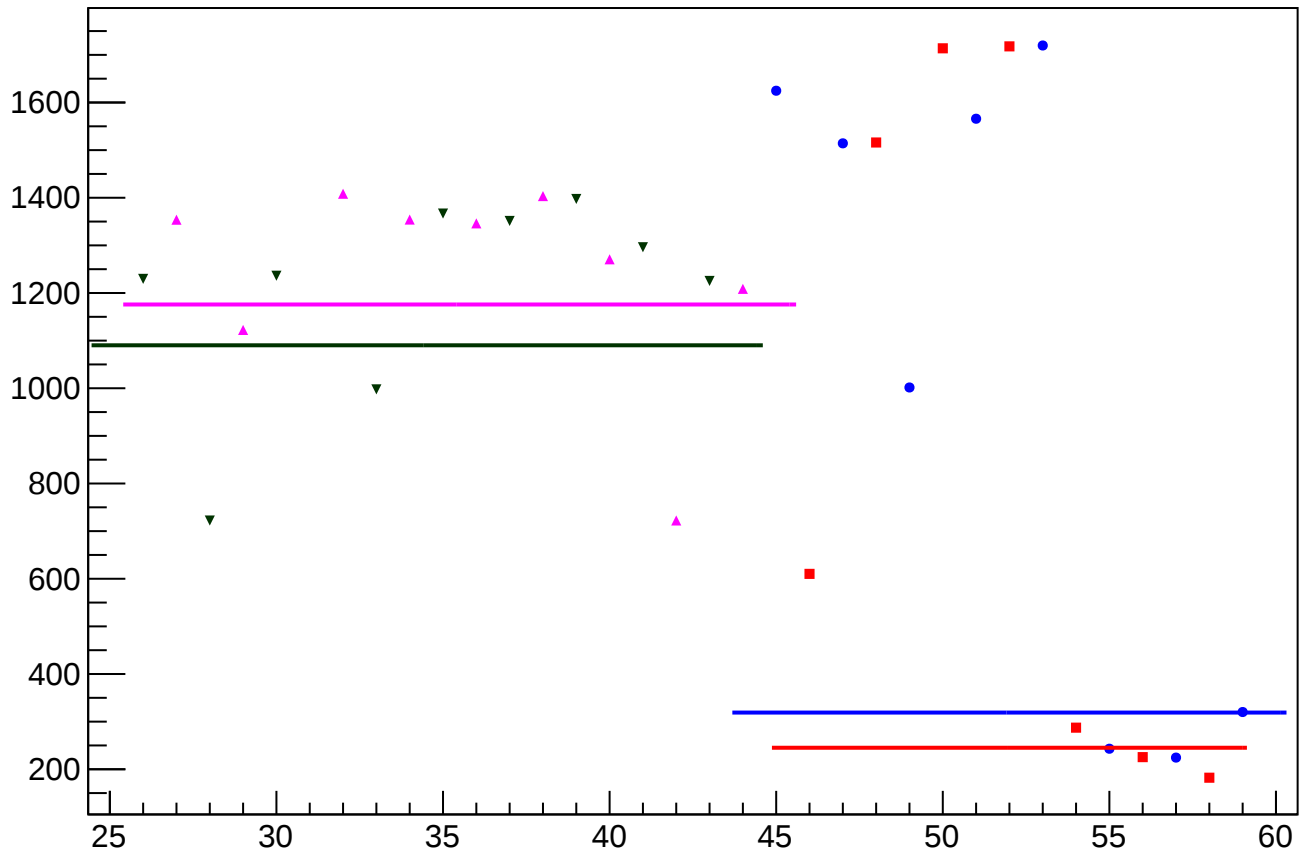
Left Out: 331.481 ± 527.893 χ^2/NDF : 10.3/8

Right Out: 262.133 ± 187.176 χ^2/NDF : 3.9/6

Left In: 125.241 ± 515.151 χ^2/NDF : 7.8/8

229.598 ± 127.491 χ^2/NDF : 24.2/32

asym_sam_15_dd_correction_rms vs slug



Right In: 319.045+/-0.140 χ^2/NDF : 3375854.6/7

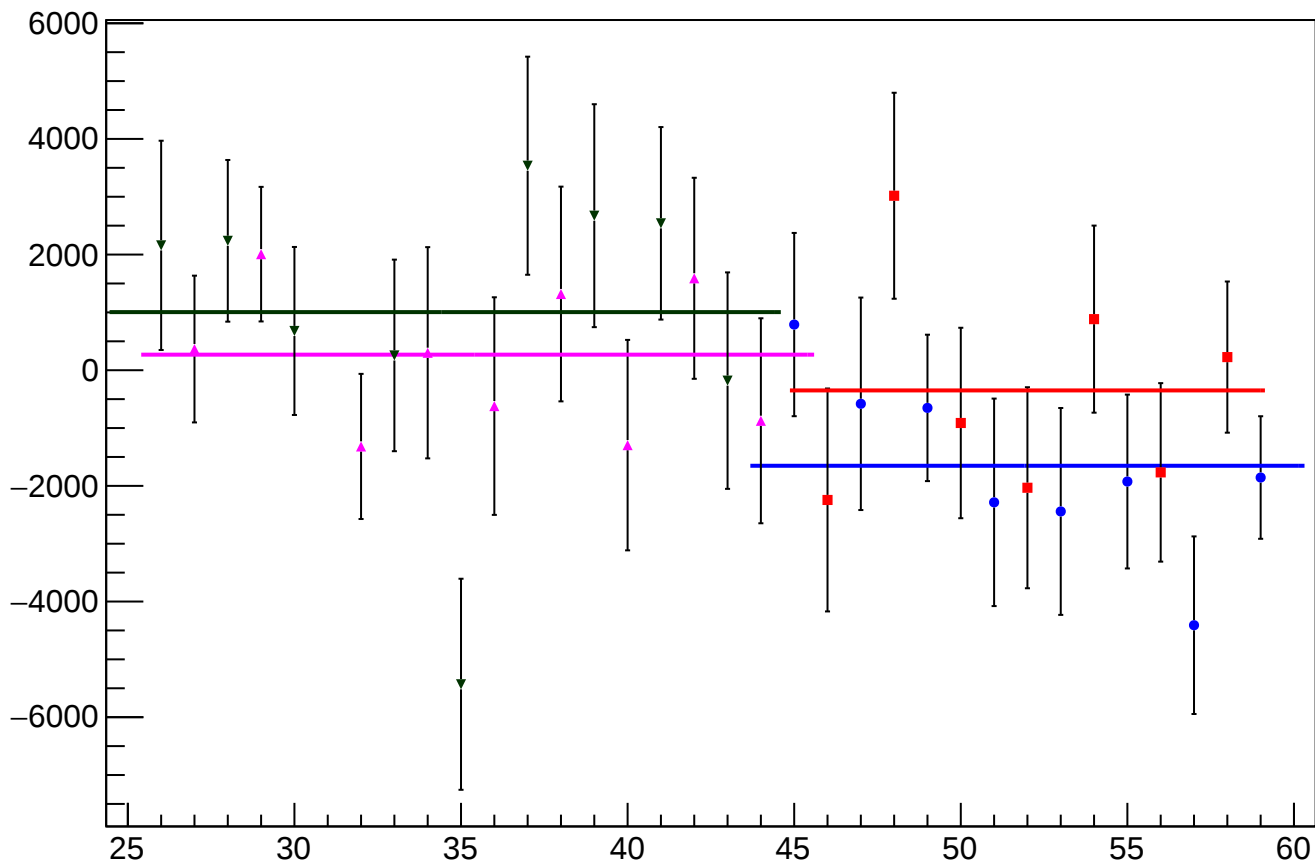
Left Out: 1090.209+/-0.373 χ^2/NDF : 487169.4/8

382.230+/-0.090 χ^2/NDF : 16395068.6/32

Right Out: 245.169+/-0.132 χ^2/NDF : 2451346.6/6

Left In: 1175.873+/-0.364 χ^2/NDF : 459475.9/8

reg_asym_sam_26_dd_mean vs slug



Right In: -1652.205+/-519.944 χ^2/NDF : 7.0/7

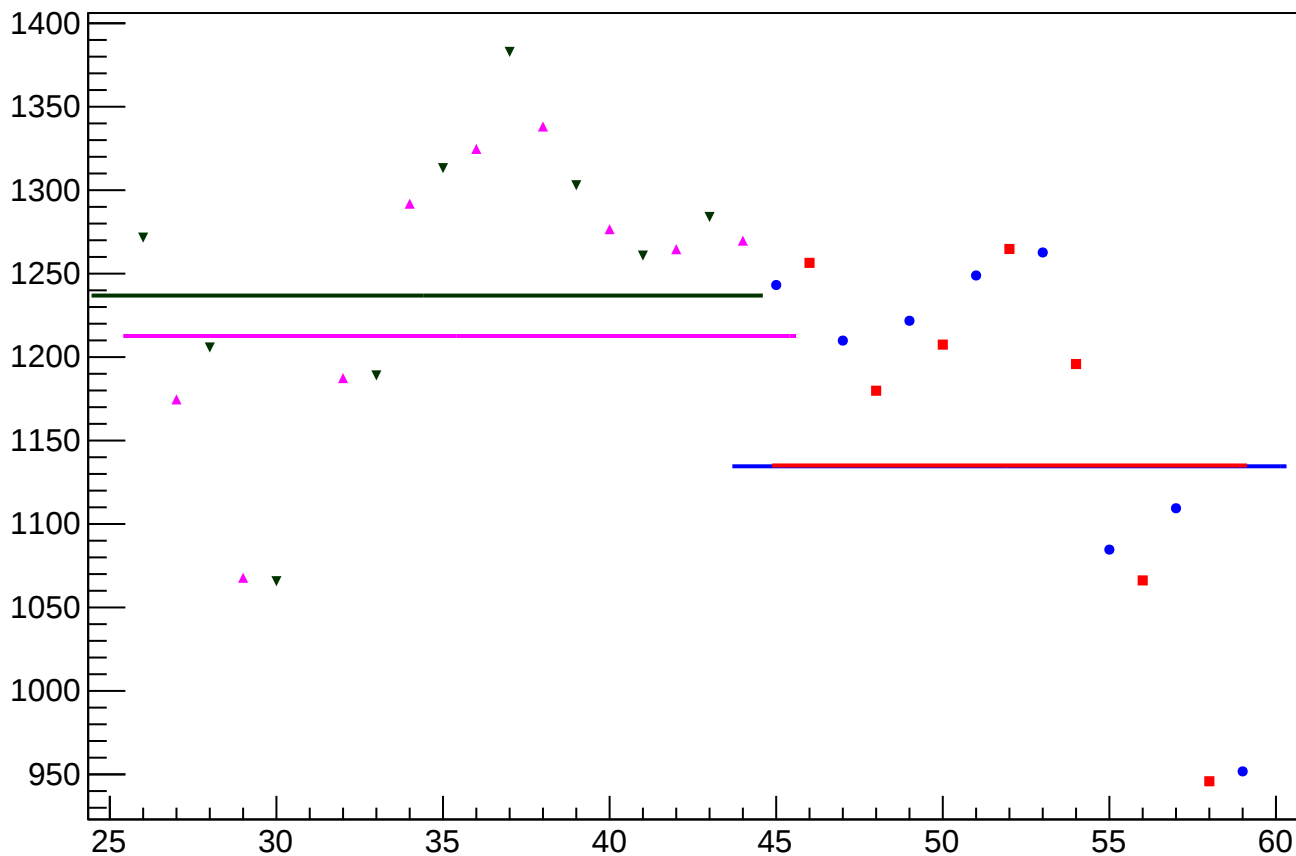
Left Out: 1004.954+/-563.215 χ^2/NDF : 17.7/8

Right Out: -349.314+/-611.819 χ^2/NDF : 7.2/6

Left In: 269.126+/-511.768 χ^2/NDF : 6.1/8

-213.556+/-273.781 χ^2/NDF : 51.2/32

reg_asym_sam_26_dd_rms vs slug



Right In: 1134.573 ± 0.368 χ^2/NDF : 102874.4/7

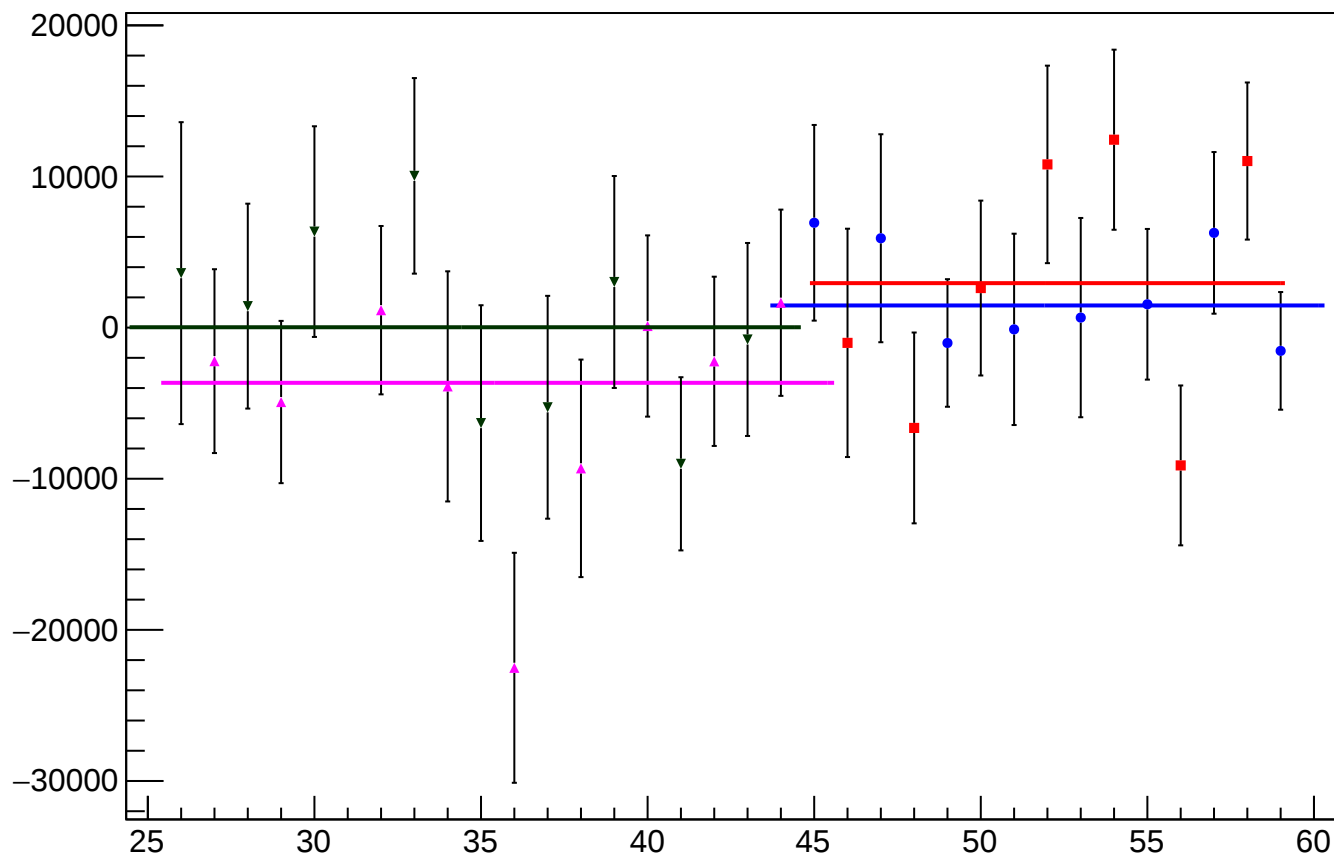
Left Out: 1236.870 ± 0.398 χ^2/NDF : 50666.9/8

Right Out: 1135.075 ± 0.433 χ^2/NDF : 72905.5/6

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1181.188 ± 0.194 χ^2/NDF : 340923.4/32

asym_sam_26_dd_correction_mean vs slug



Right In: 1465.609 $\pm$ 1856.185 χ^2 /NDF: 3.0/7

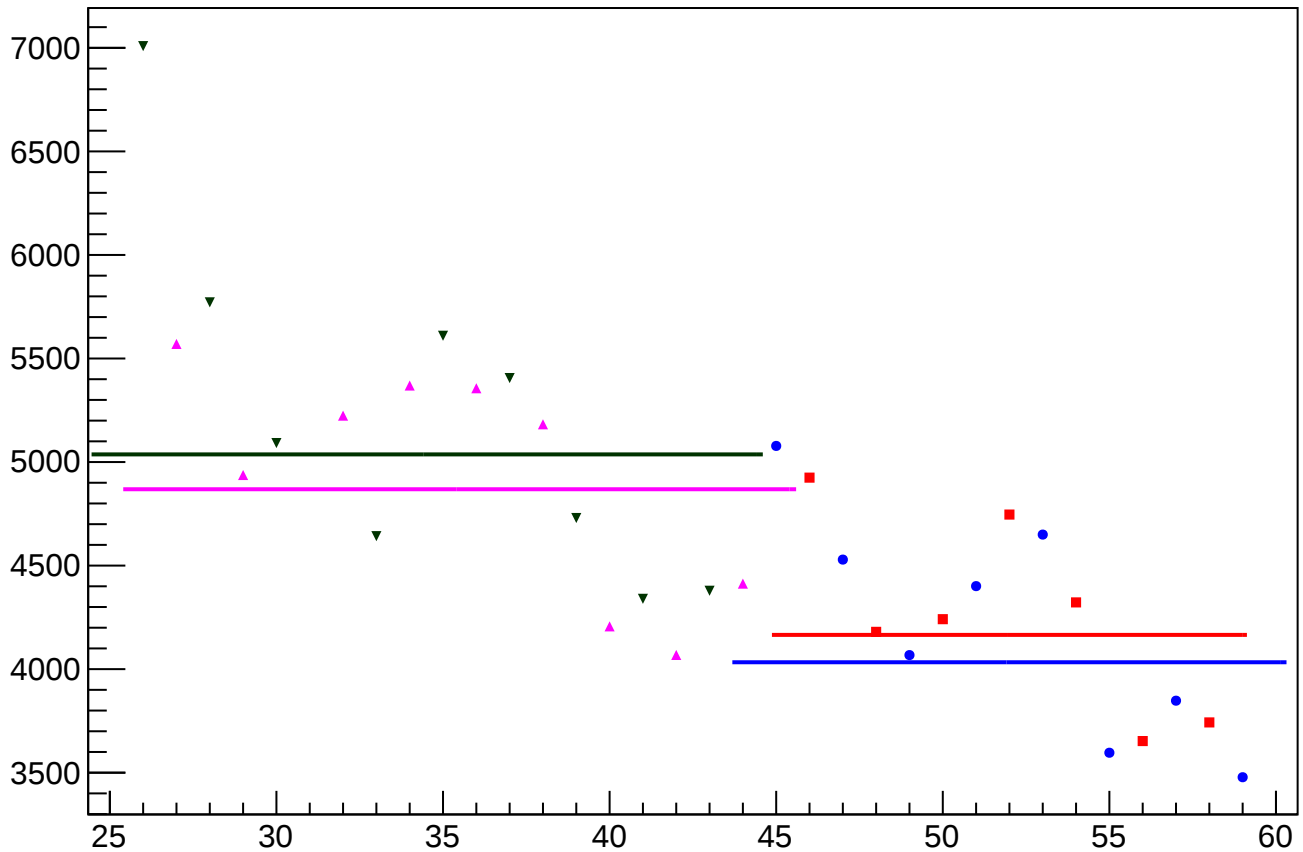
Left Out: 23.937 $\pm$ 2316.200 χ^2 /NDF: 7.3/8

Right Out: 2942.270 $\pm$ 2254.065 χ^2 /NDF: 14.2/6

Left In: -3653.038 $\pm$ 2068.097 χ^2 /NDF: 8.8/8

170.652 $\pm$ 1049.862 χ^2 /NDF: 38.6/32

asym_sam_26_dd_correction_rms vs slug



Right In: 4033.220+/-1.313 χ^2/NDF : 145258.5/7

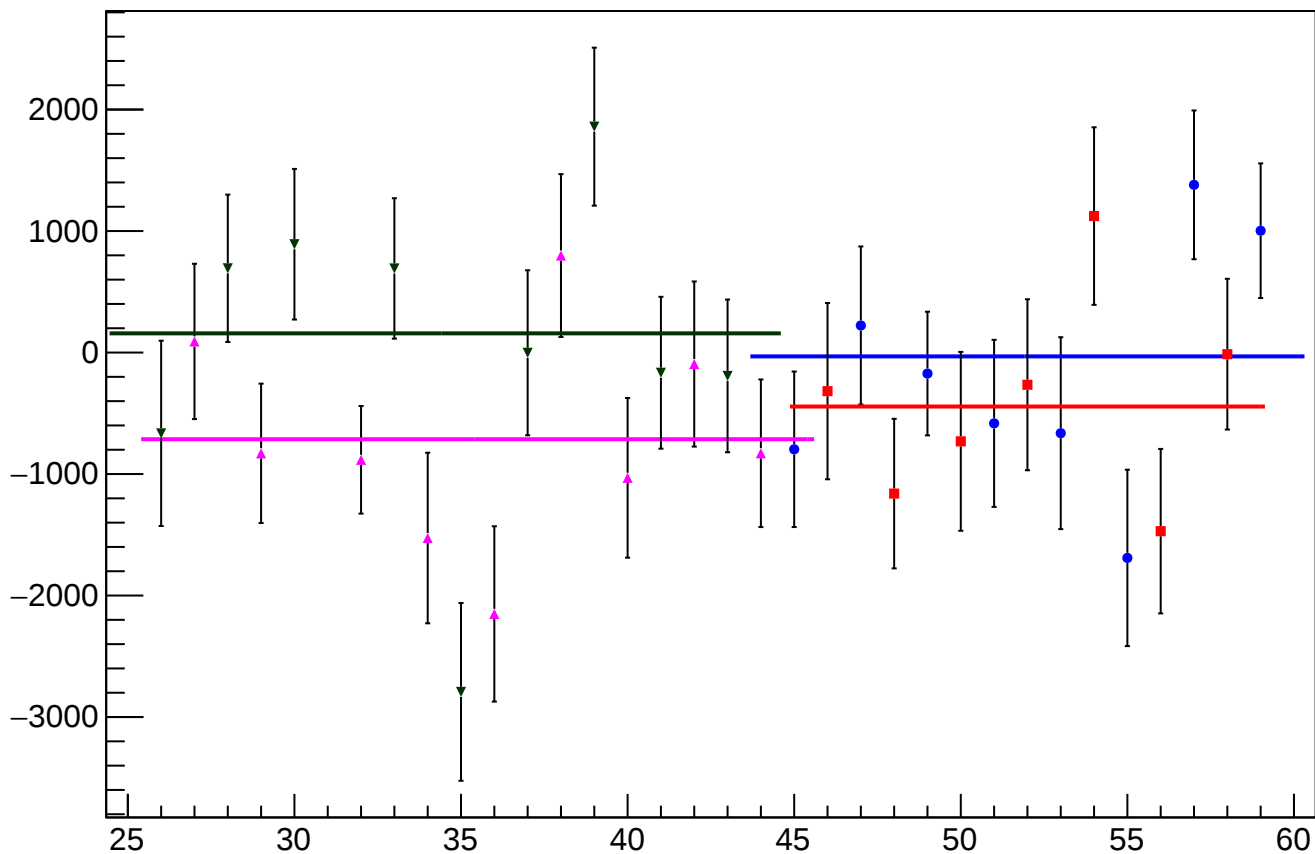
Left Out: 5036.928+/-1.638 χ^2/NDF :179439.1/8

Right Out: 4165.371+/-1.594 χ^2/NDF : 69768.9/6

Left In: 4868.644+/-1.462 χ^2/NDF :131901.5/8

4483.396+/-0.742 χ^2/NDF : 867446.7/32

reg_asym_sam_37_dd_mean vs slug



Right In: -31.653 $\pm$ 222.456 χ^2 /NDF: 17.0/7

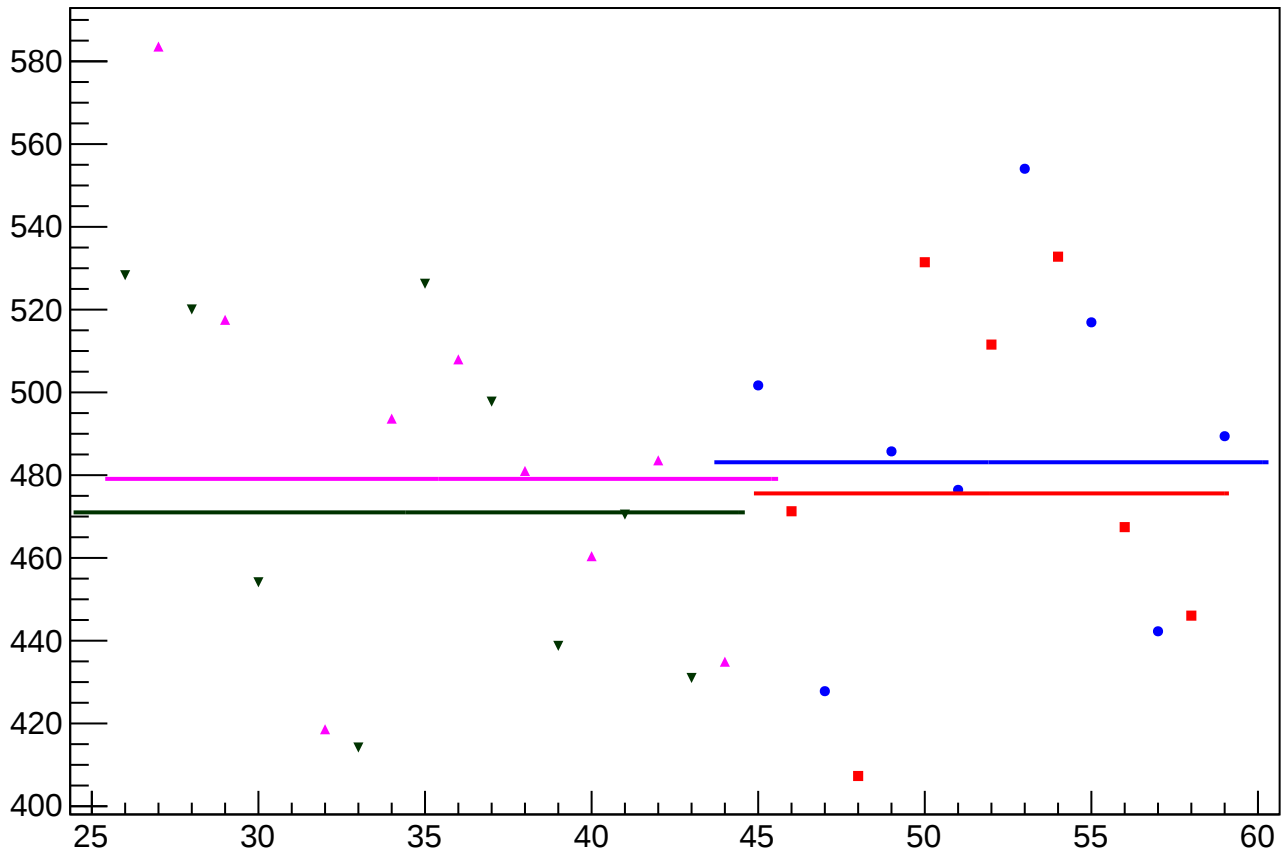
Left Out: 157.928 $\pm$ 215.506 χ^2 /NDF: 28.0/8

Right Out: -444.288 $\pm$ 257.707 χ^2 /NDF: 9.0/6

Left In: -713.441 $\pm$ 204.299 χ^2 /NDF: 13.3/8

-260.319 $\pm$ 111.279 χ^2 /NDF: 77.4/32

reg_asym_sam_37_dd_rms vs slug



Right In: 483.118 $\pm$ 0.157 χ^2 /NDF: 46017.7/7

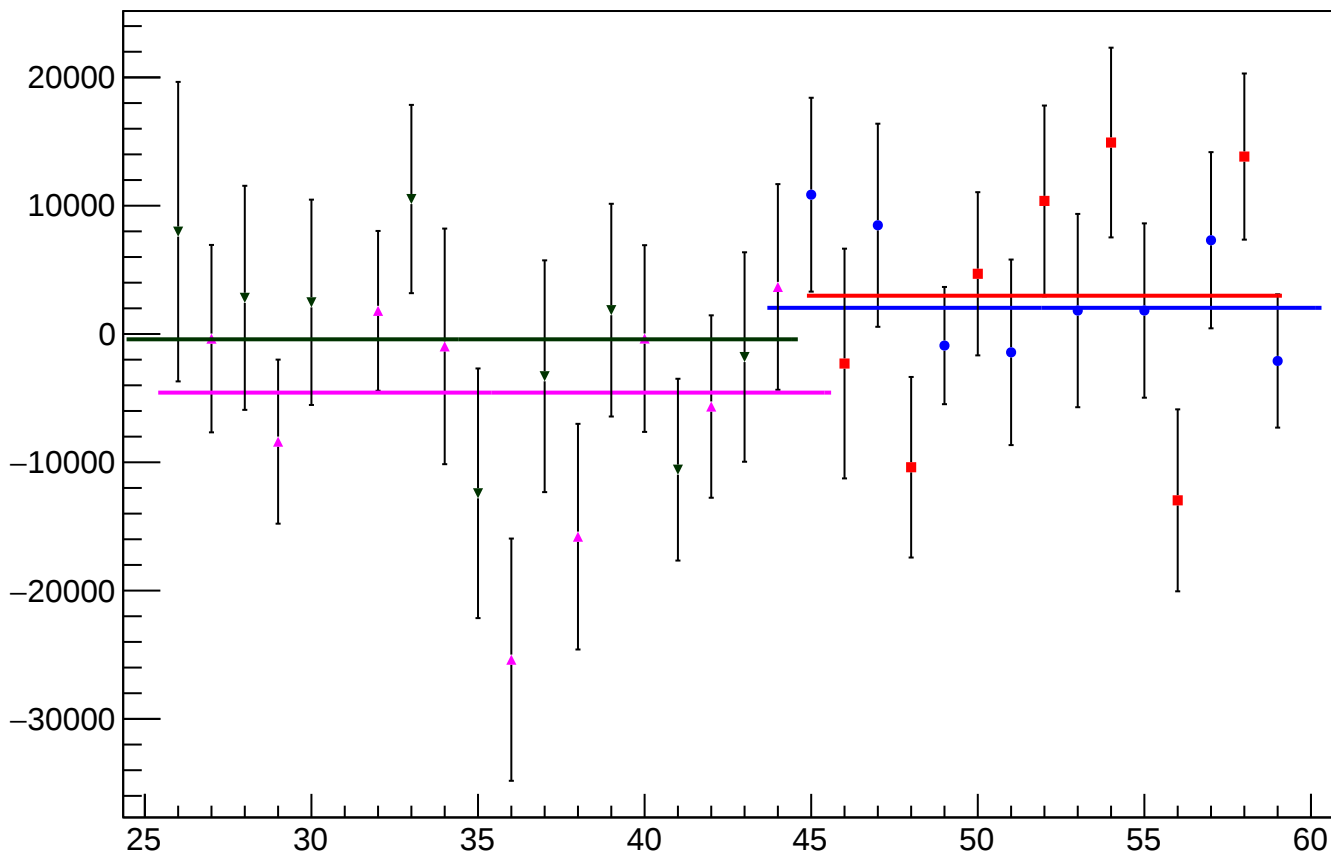
Left Out: 471.009 $\pm$ 0.152 χ^2 /NDF: 72737.7/8

Right Out: 475.589 $\pm$ 0.182 χ^2 /NDF: 58505.6/6

Left In: 479.100 $\pm$ 0.144 χ^2 /NDF: 116130.5/8

477.293 $\pm$ 0.079 χ^2 /NDF: 296707.3/32

asym_sam_37_dd_correction_mean vs slug



Right In: 2039.659+/-2247.068 χ^2/NDF : 3.9/7

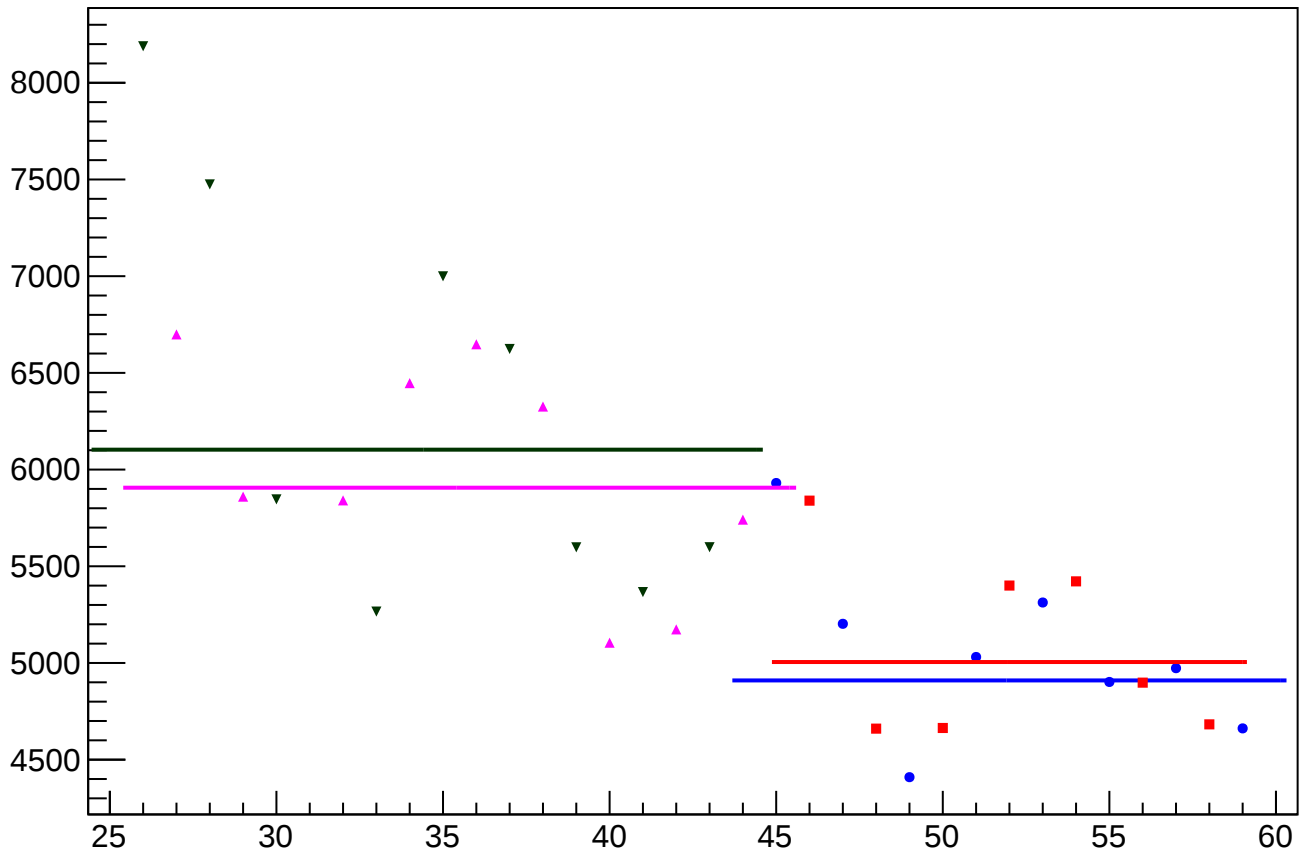
Left Out: -413.785+/-2806.714 χ^2/NDF : 6.8/8

Right Out: 2983.865+/-2696.760 χ^2/NDF : 15.5/6

Left In: -4568.925+/-2506.004 χ^2/NDF : 9.8/8

54.985+/-1268.237 χ^2/NDF : 41.4/32

asym_sam_37_dd_correction_rms vs slug



Right In: 4909.731+/-1.589 χ^2/NDF : 74237.1/7

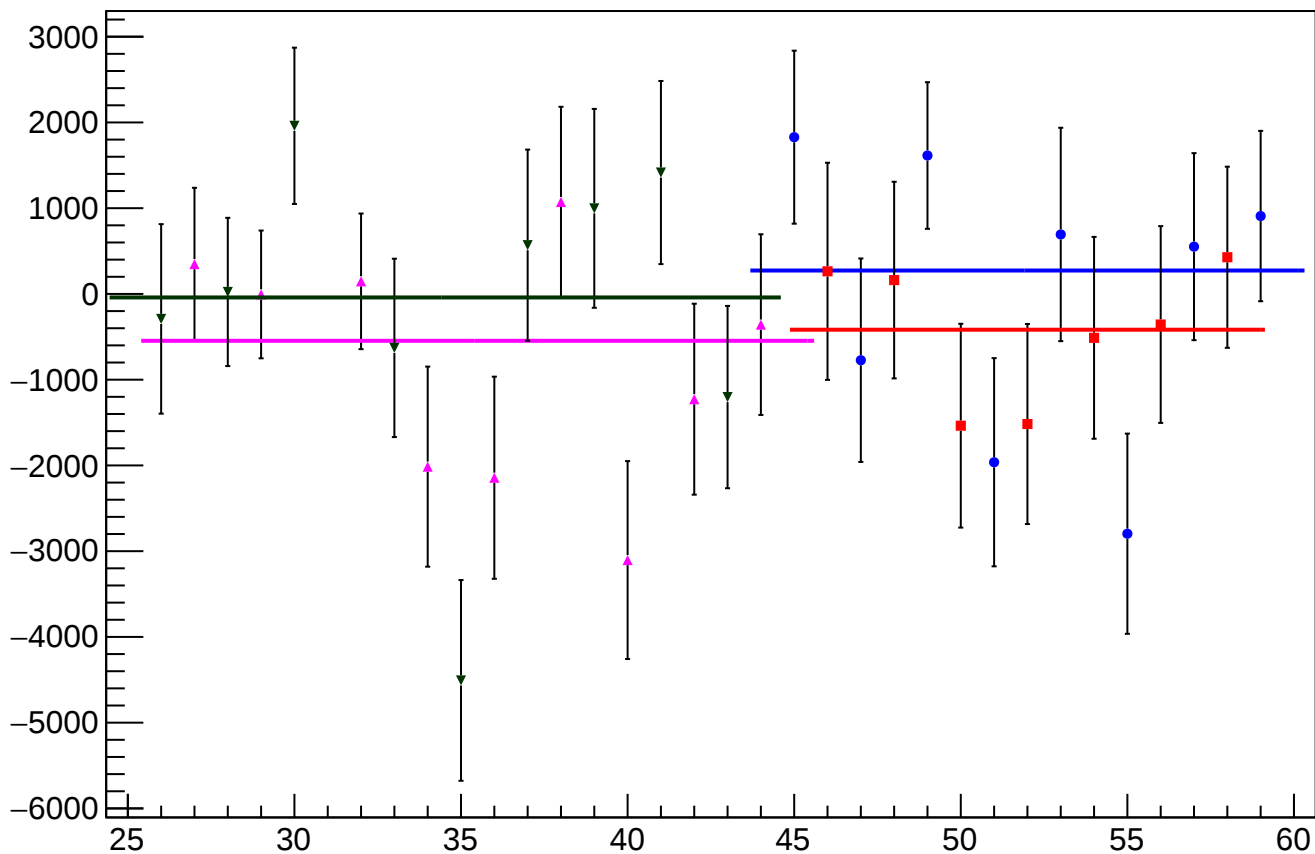
Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

Right Out: 5004.879+/-1.907 χ^2/NDF : 45341.7/6

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

5429.634+/-0.897 χ^2/NDF : 759375.9/32

reg_asym_sam_48_dd_mean vs slug



Right In: 273.138+/-378.698 χ^2/NDF : 16.5/7

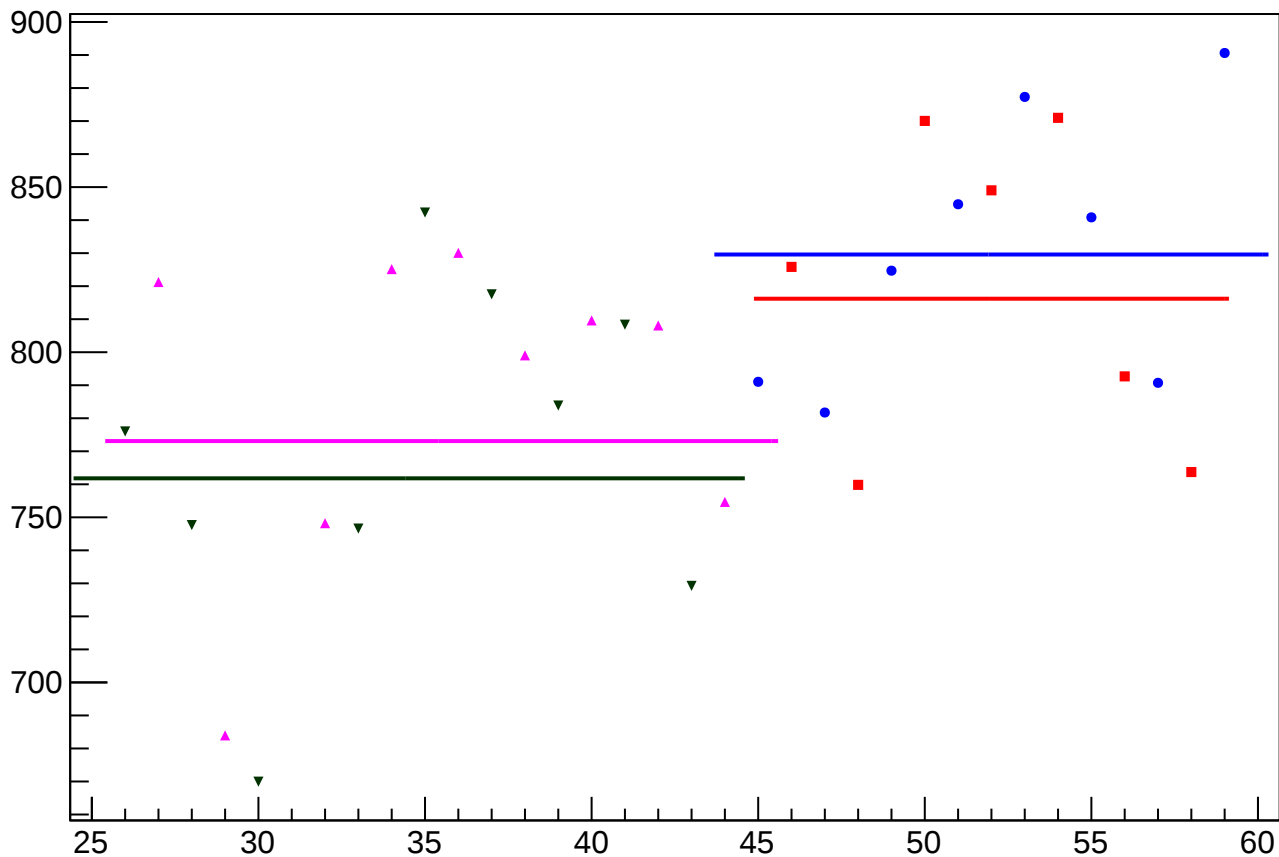
Left Out: -40.923+/-346.578 χ^2/NDF : 23.9/8

Right Out: -417.224+/-438.318 χ^2/NDF : 3.0/6

Left In: -546.535+/-326.373 χ^2/NDF : 13.2/8

-191.984+/-182.906 χ^2/NDF : 59.7/32

reg_asym_sam_48_dd_rms vs slug



Right In: 829.588 ± 0.268 χ^2/NDF : 19767.3/7

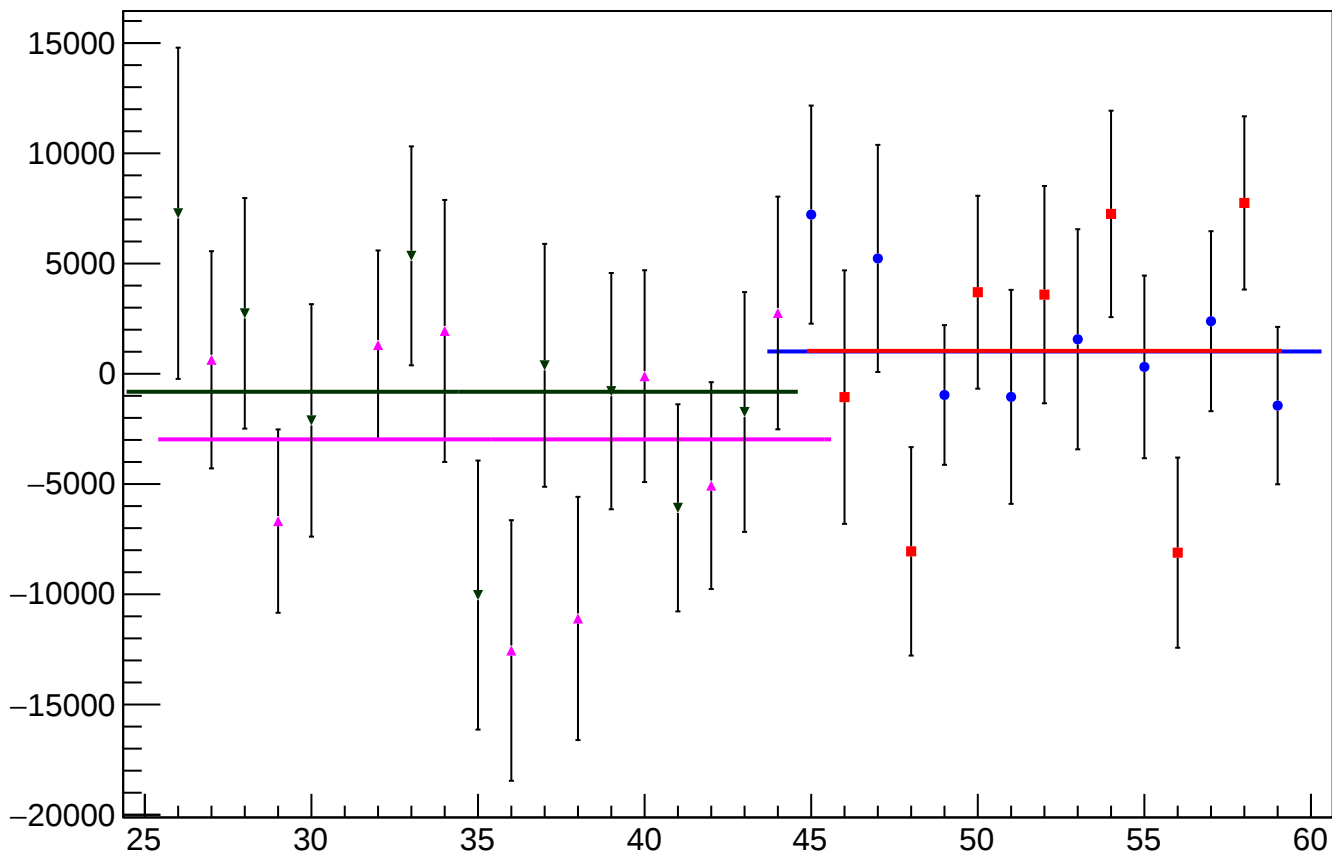
Left Out: 761.807 ± 0.245 χ^2/NDF : 42466.1/8

Right Out: 816.201 ± 0.310 χ^2/NDF : 20749.6/6

Left In: 773.088 ± 0.231 χ^2/NDF : 50809.2/8

790.634 ± 0.129 χ^2/NDF : 181376.0/32

asym_sam_48_dd_correction_mean vs slug



Right In: 1012.537 $\pm$ 1478.292 χ^2 /NDF: 3.4/7

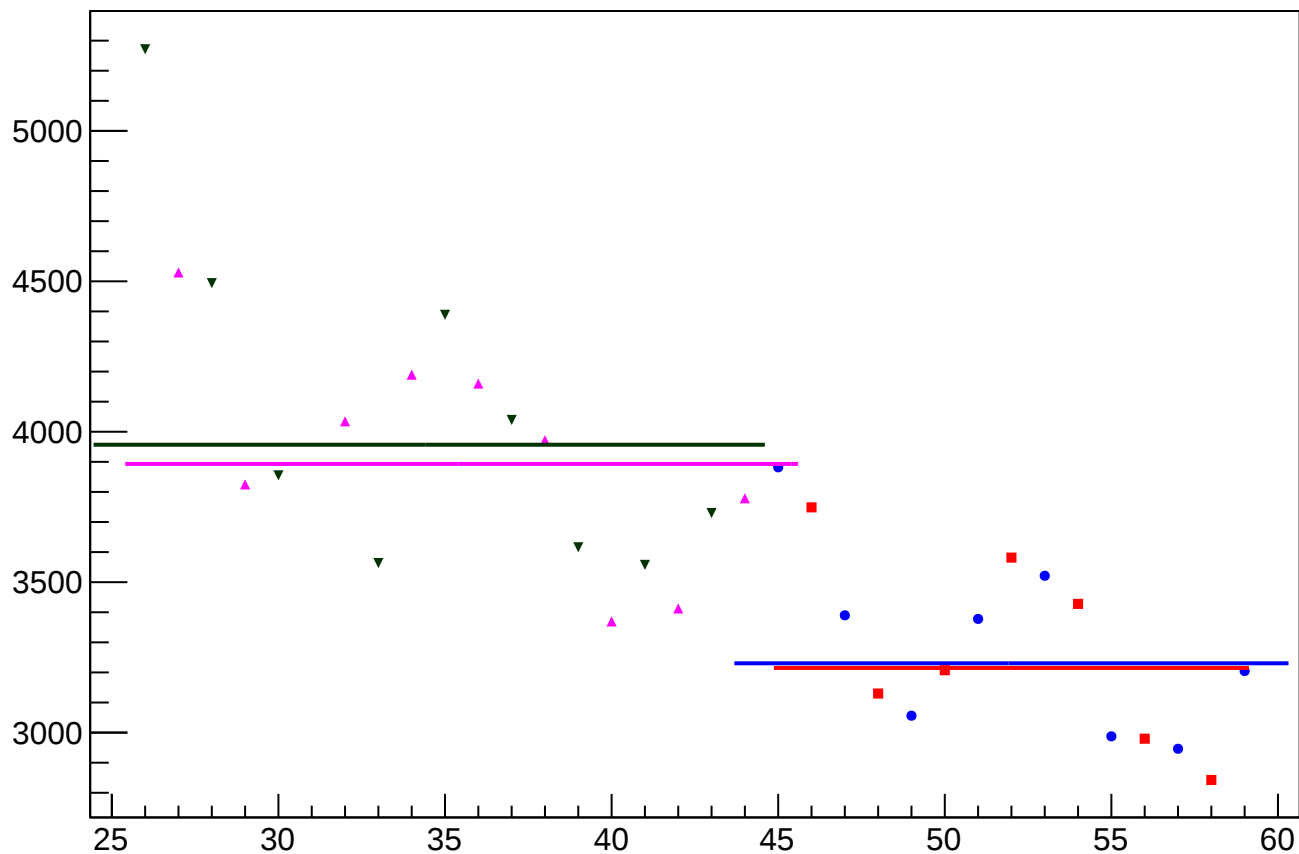
Left Out: -814.730 $\pm$ 1811.752 χ^2 /NDF: 6.8/8

-364.554 $\pm$ 826.801 χ^2 /NDF: 37.6/32

Right Out: 1039.458 $\pm$ 1733.867 χ^2 /NDF: 13.7/6

Left In: -2973.562 $\pm$ 1648.529 χ^2 /NDF: 9.5/8

asym_sam_48_dd_correction_rms vs slug



Right In: 3230.387 ± 1.045 χ^2/NDF : 67949.5/7

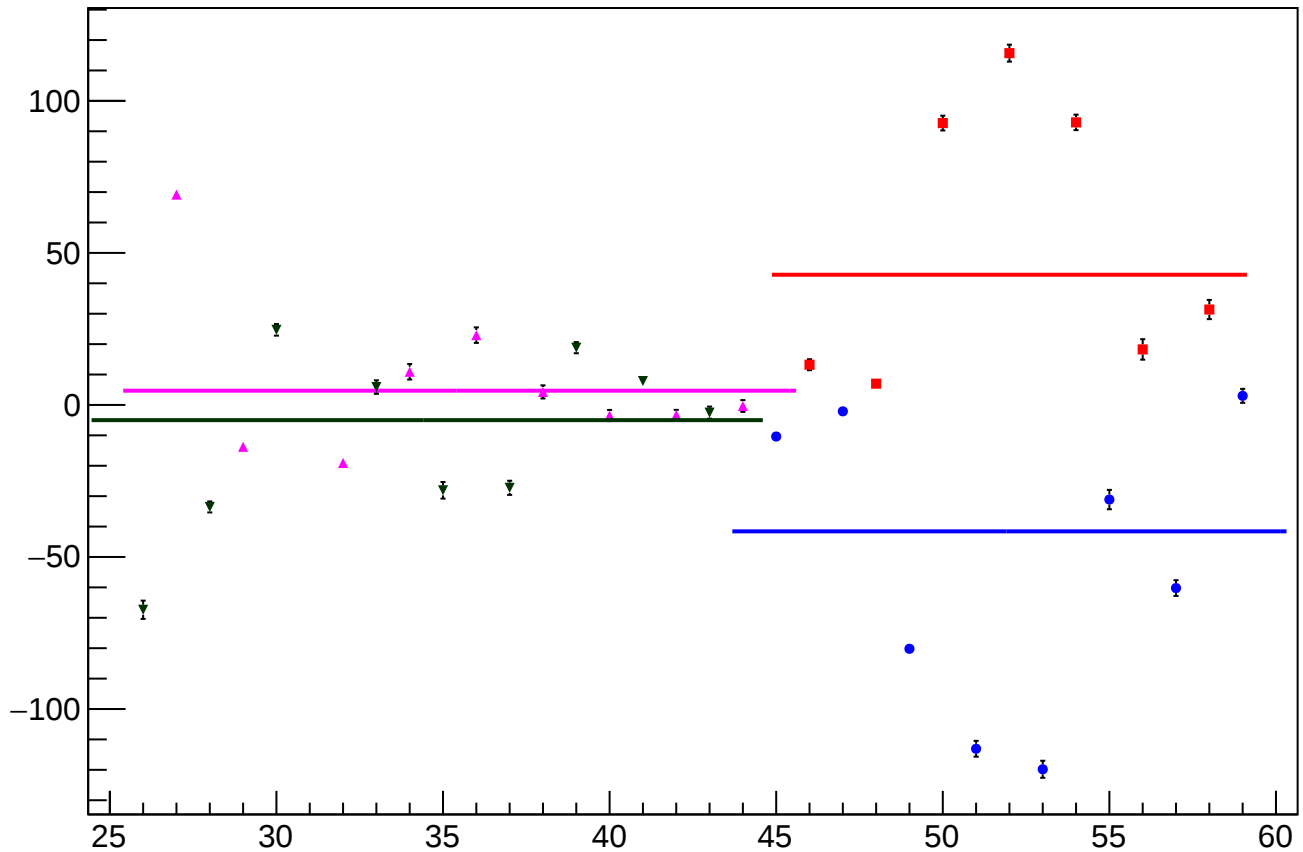
Left Out: 3956.868 ± 1.281 χ^2/NDF : 132161.2/8

Right Out: 3214.914 ± 1.226 χ^2/NDF : 57024.1/6

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.6/8

3544.877 ± 0.585 χ^2/NDF : 704012.3/32

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -41.572 ± 0.723 χ^2/NDF : 3564.0/7

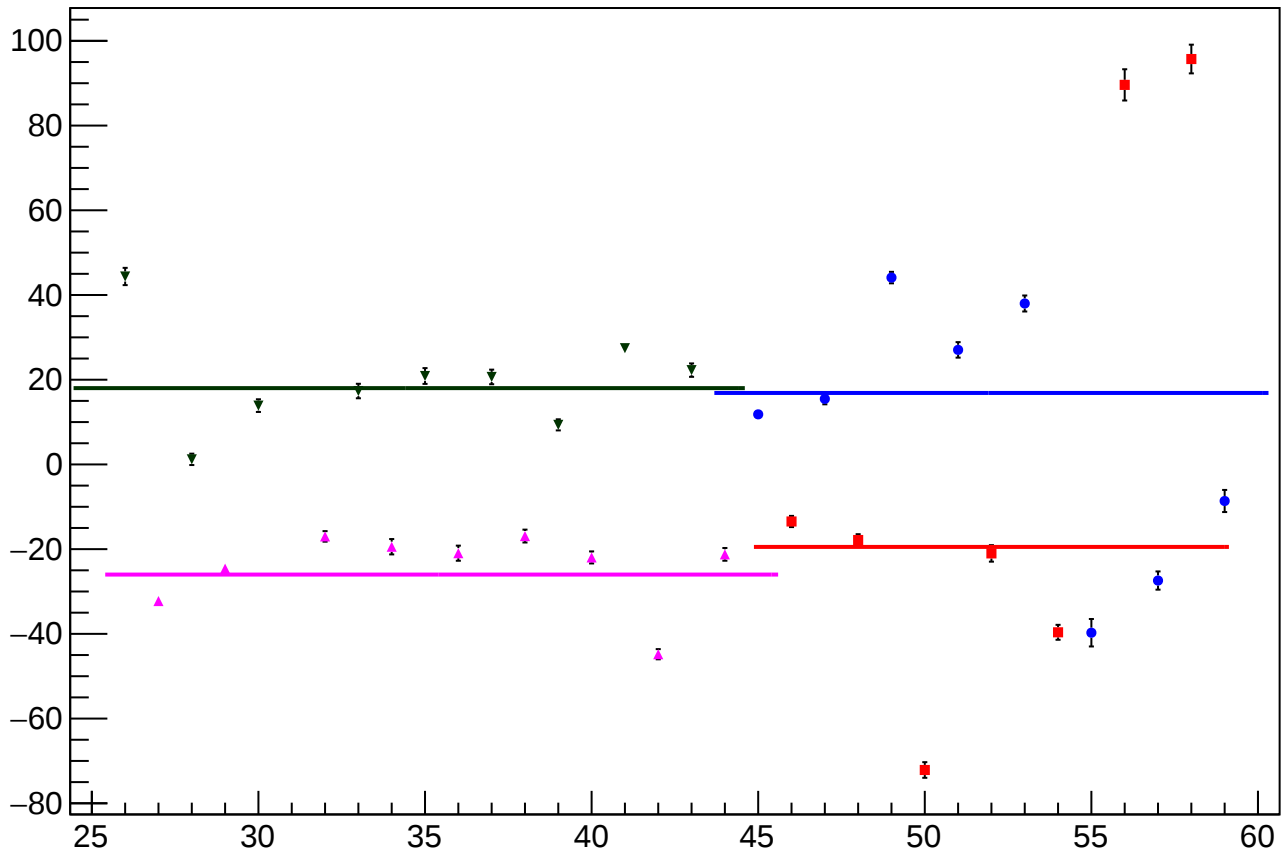
Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

-2.575 ± 0.351 χ^2/NDF : 15016.0/32

Right Out: 42.817 ± 0.873 χ^2/NDF : 2294.6/6

Left In: 4.688 ± 0.600 χ^2/NDF : 2042.2/8

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 16.876+/-0.575 χ^2/NDF : 1405.1/7

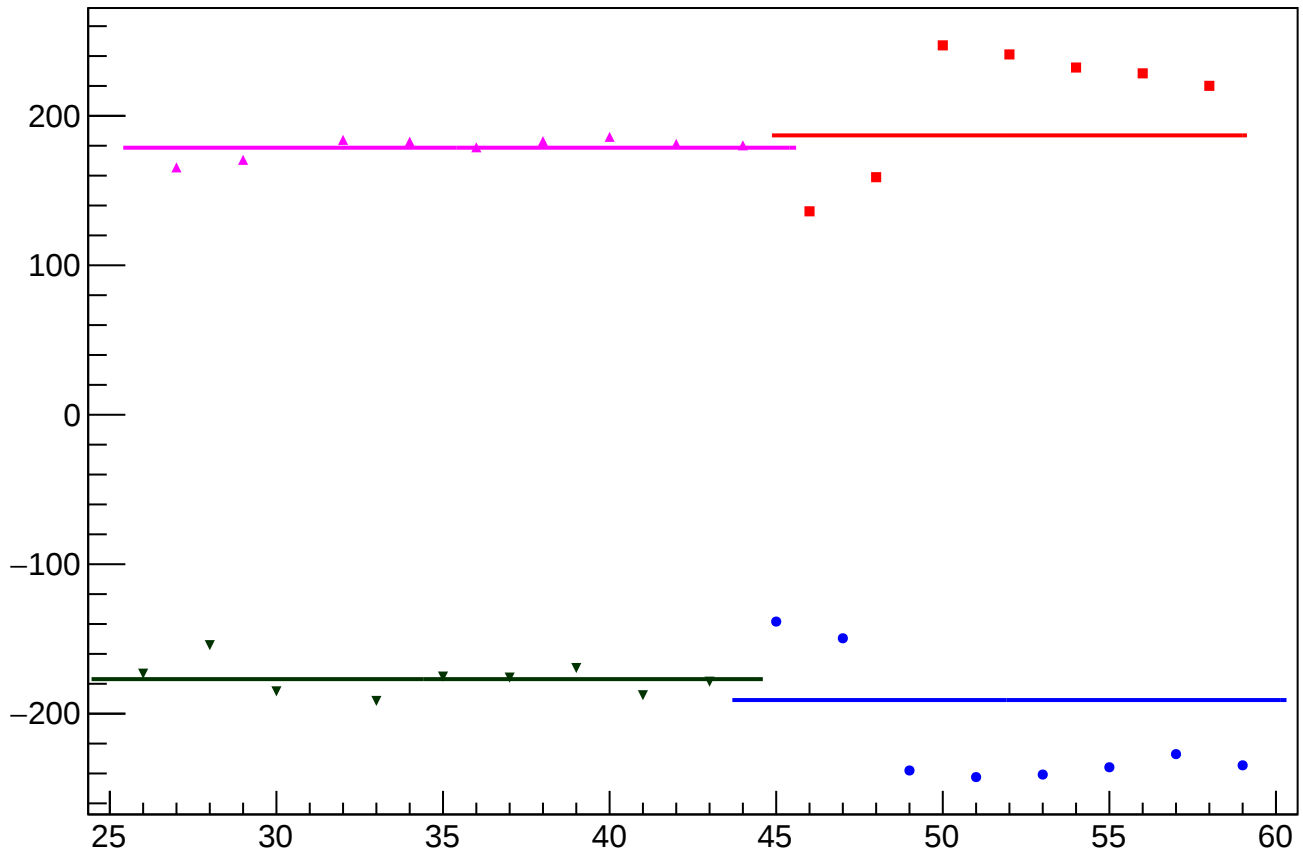
Left Out: 18.015+/-0.507 χ^2/NDF : 450.4/8

Right Out: -19.473+/-0.684 χ^2/NDF : 2996.7/6

Left In: -26.003+/-0.437 χ^2/NDF : 409.3/8

-3.976+/-0.264 χ^2/NDF : 11515.4/32

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -190.883+/-0.127 χ^2/NDF : 137045.6/7

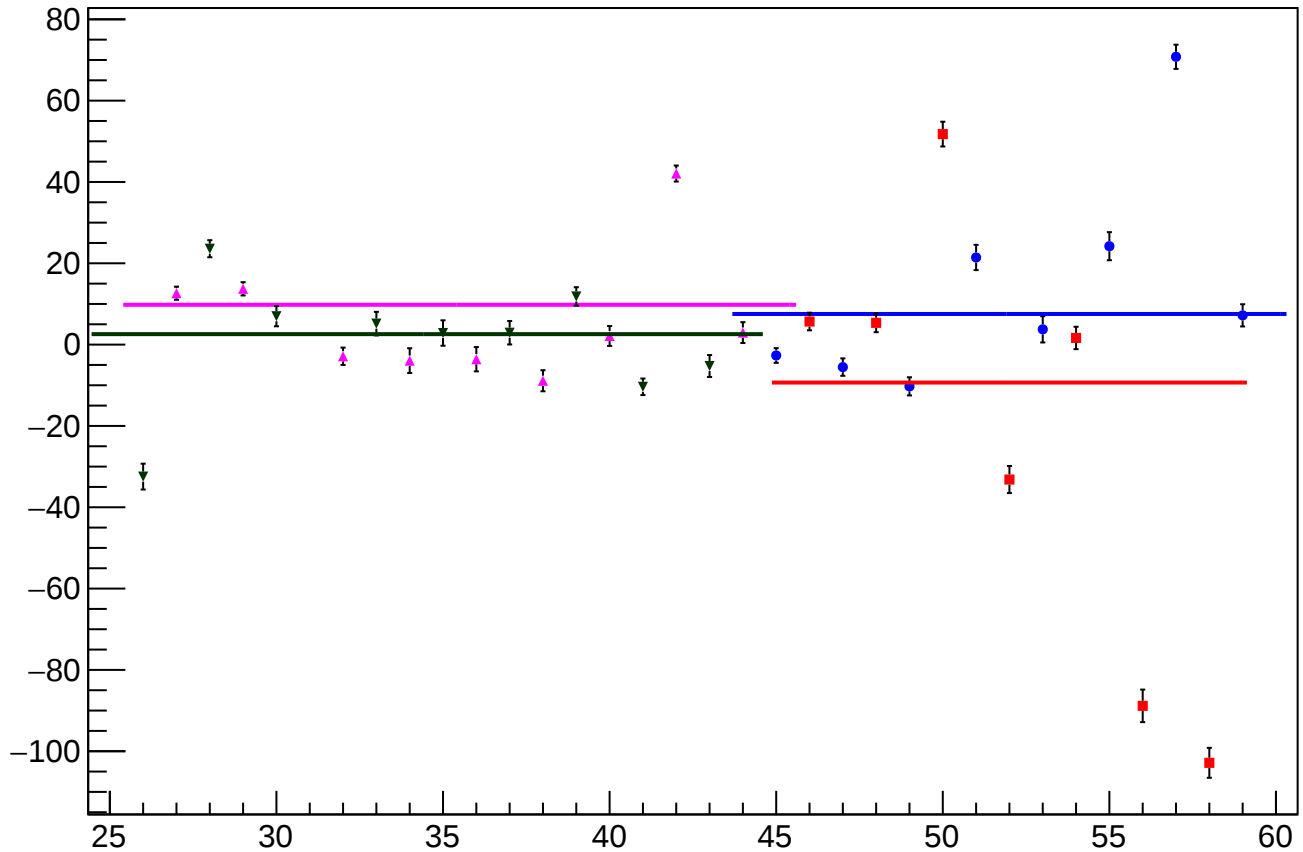
Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

-0.269+/-0.060 χ^2/NDF : 9463229.2/32

Right Out: 186.920+/-0.148 χ^2/NDF : 93707.1/6

Left In: 178.678+/-0.104 χ^2/NDF : 4273.5/8

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 7.534 ± 0.893 χ^2/NDF : 628.1/7

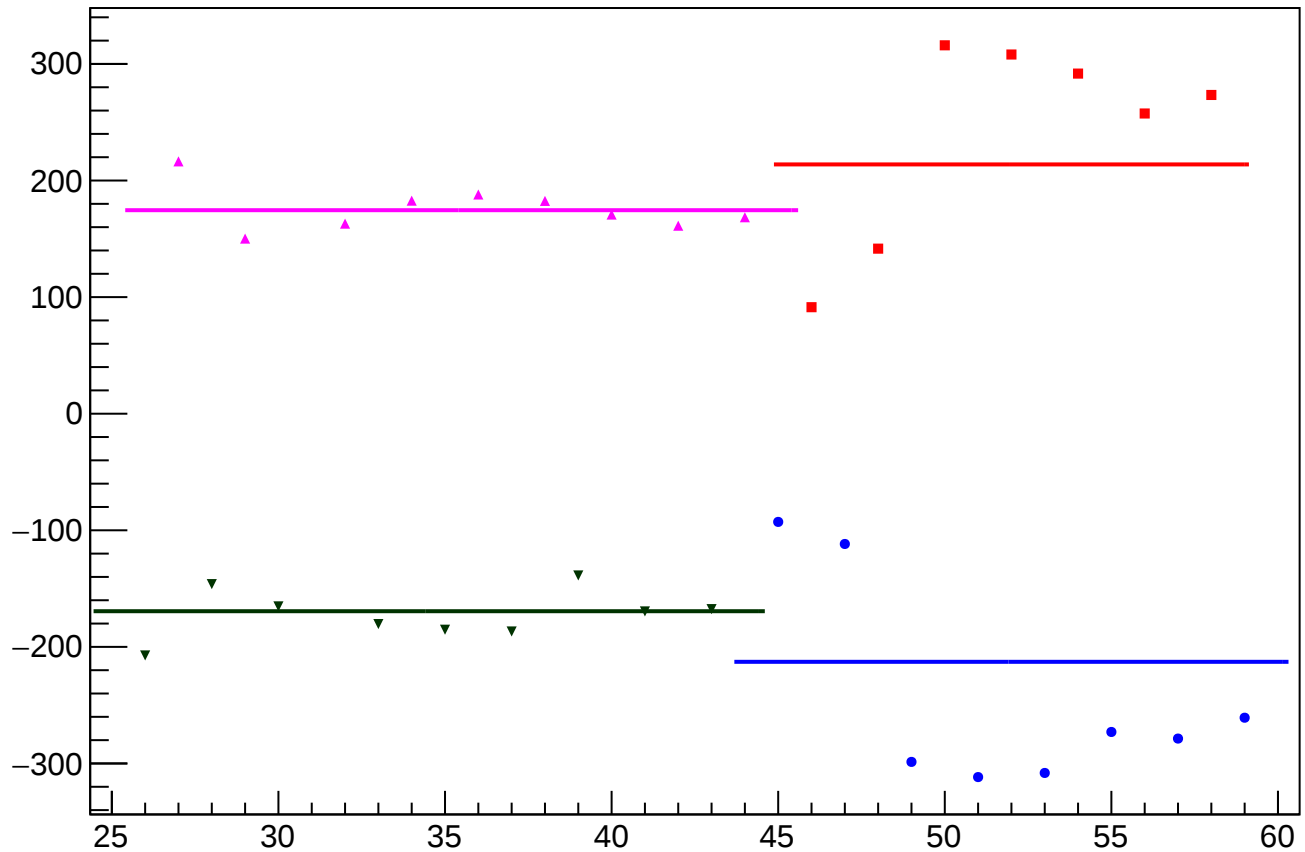
Left Out: 2.574 ± 0.844 χ^2/NDF : 291.3/8

4.373 ± 0.428 χ^2/NDF : 3175.8/32

Right Out: -9.328 ± 1.074 χ^2/NDF : 1597.6/6

Left In: 9.798 ± 0.721 χ^2/NDF : 422.2/8

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -212.810+/-0.173 χ^2/NDF : 290900.2/7

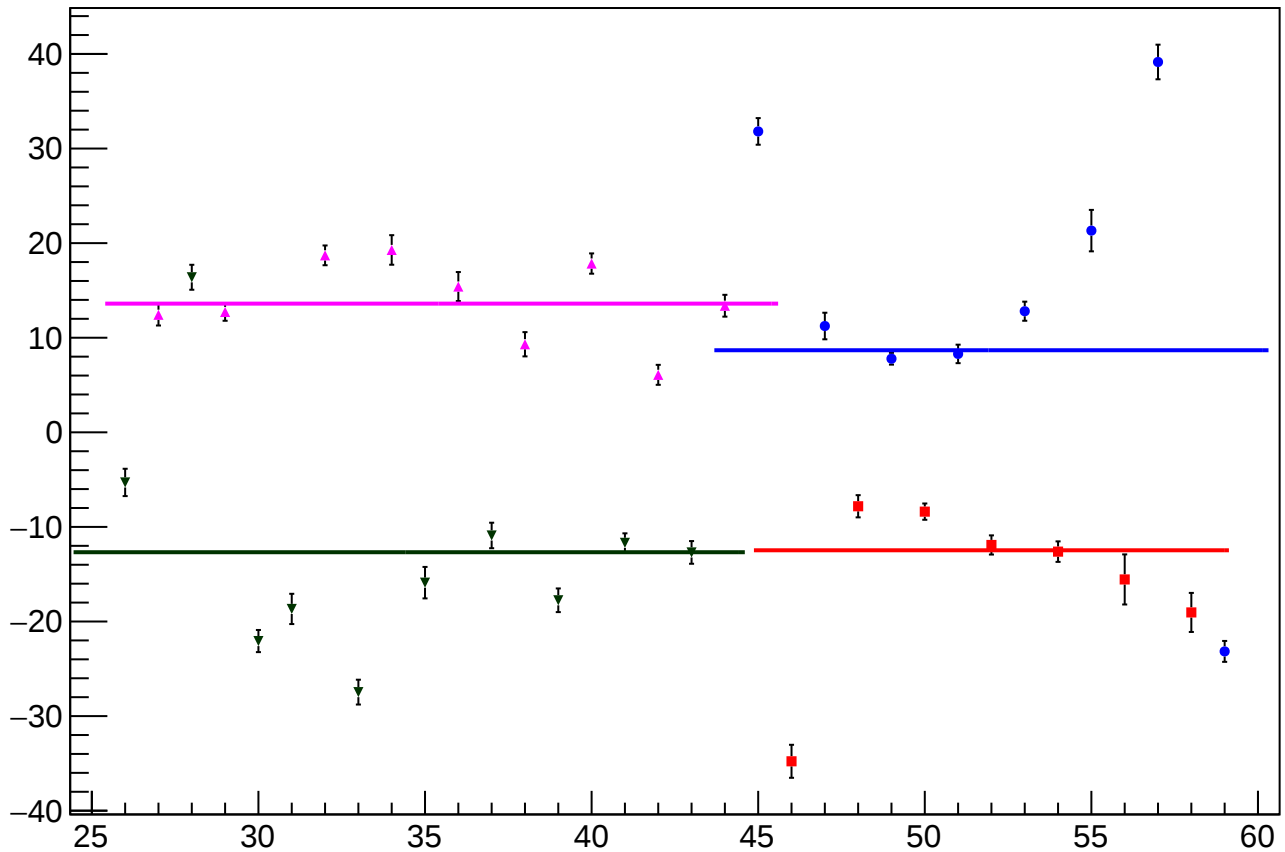
Left Out: -169.406+/-0.155 χ^2/NDF : 16565.2/8

Right Out: 213.817+/-0.204 χ^2/NDF : 199750.8/6

Left In: 174.554+/-0.152 χ^2/NDF : 17338.0/8

-9.793+/-0.084 χ^2/NDF : 5632467.6/32

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 8.677 ± 0.380 χ^2/NDF : 1432.5/7

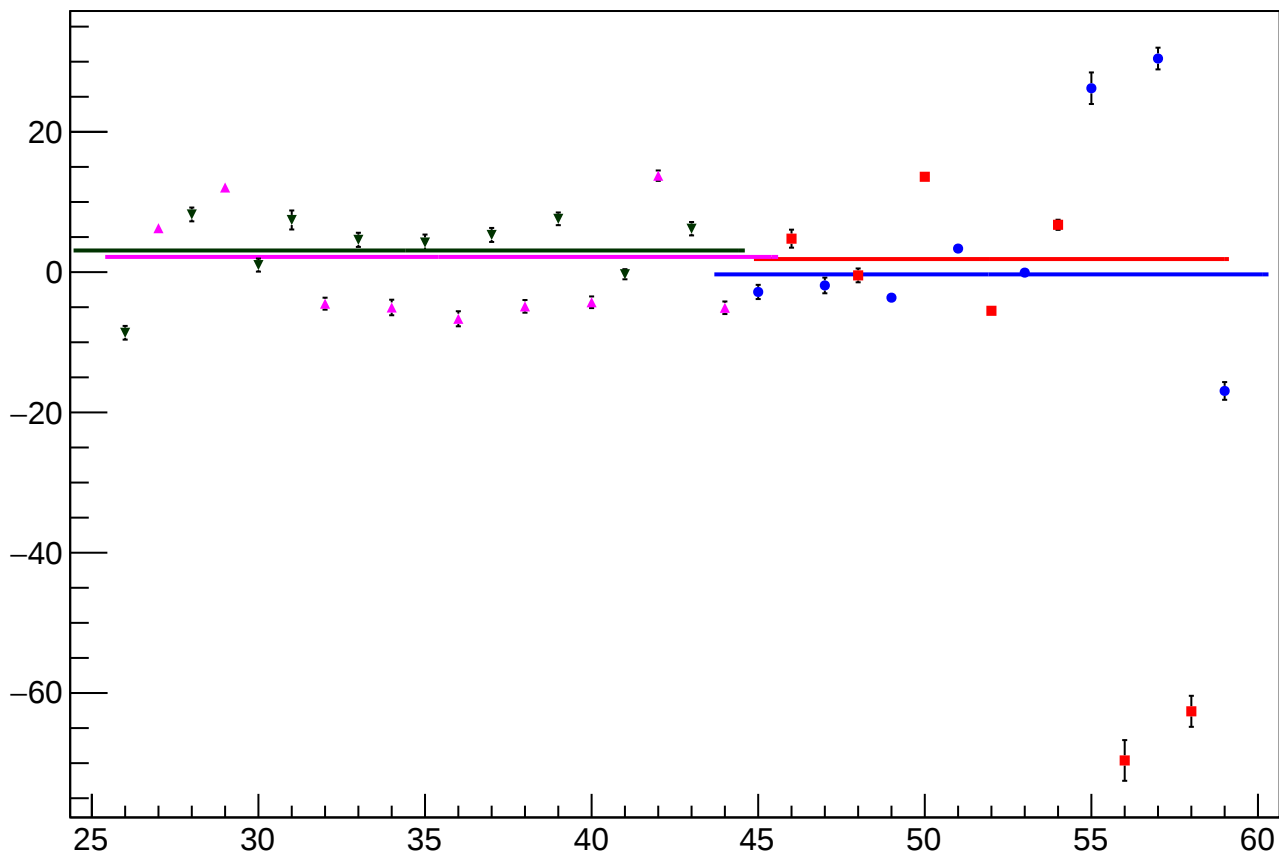
Left Out: -12.675 ± 0.408 χ^2/NDF : 739.7/9

Right Out: -12.470 ± 0.466 χ^2/NDF : 213.6/6

Left In: 13.605 ± 0.383 χ^2/NDF : 118.1/8

0.791 ± 0.203 χ^2/NDF : 5948.4/33

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.320 ± 0.303 χ^2/NDF : 783.3/7

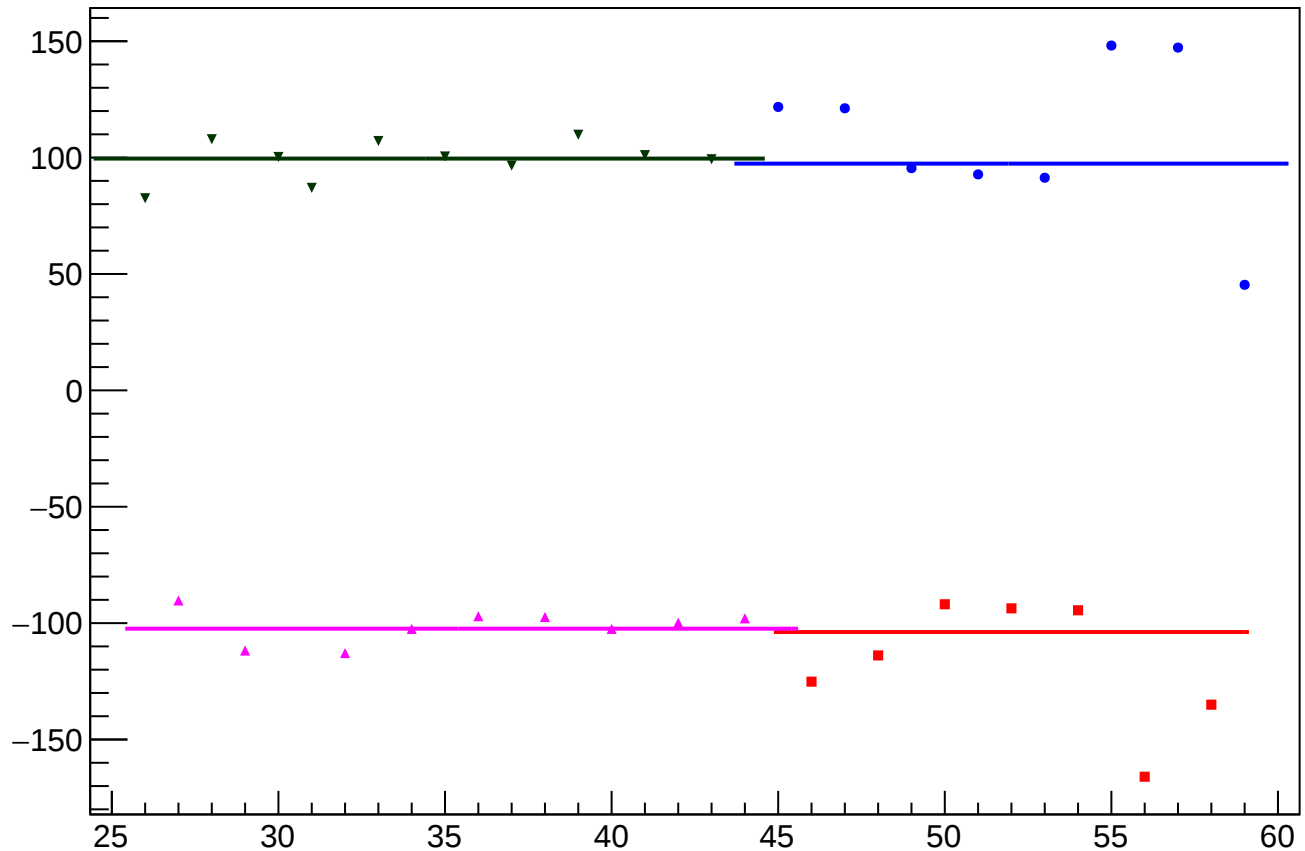
Left Out: 3.086 ± 0.305 χ^2/NDF : 251.9/9

Right Out: 1.864 ± 0.349 χ^2/NDF : 1944.7/6

Left In: 2.169 ± 0.279 χ^2/NDF : 836.6/8

1.707 ± 0.153 χ^2/NDF : 3884.6/33

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 97.412 ± 0.070 χ^2/NDF : 134160.8/7

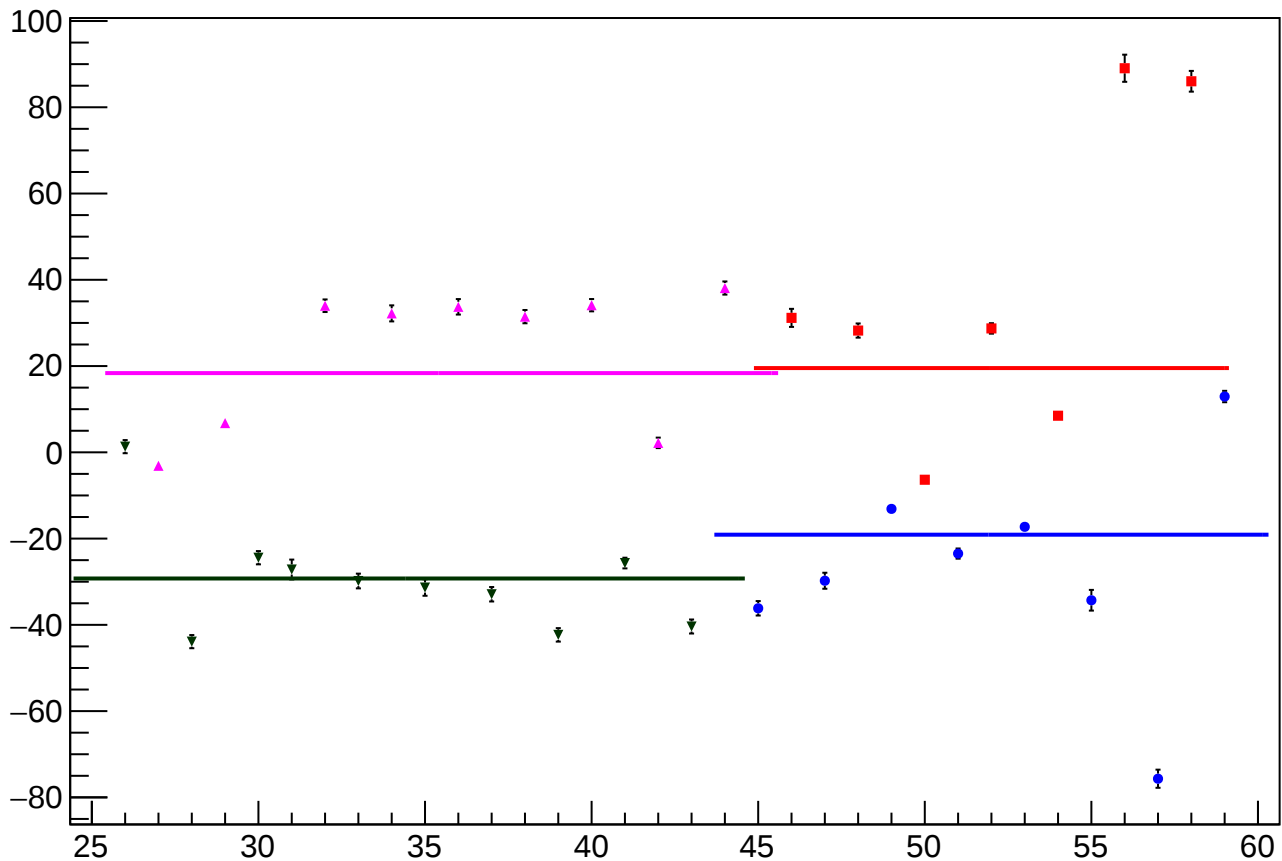
Left Out: 99.576 ± 0.067 χ^2/NDF : 14210.5/9

3.794 ± 0.035 χ^2/NDF : 8380904.6/33

Right Out: -103.831 ± 0.082 χ^2/NDF : 46067.9/6

Left In: -102.389 ± 0.066 χ^2/NDF : 12190.9/8

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.097 ± 0.476 $\chi^2/\text{NDF}: 1552.8/7$

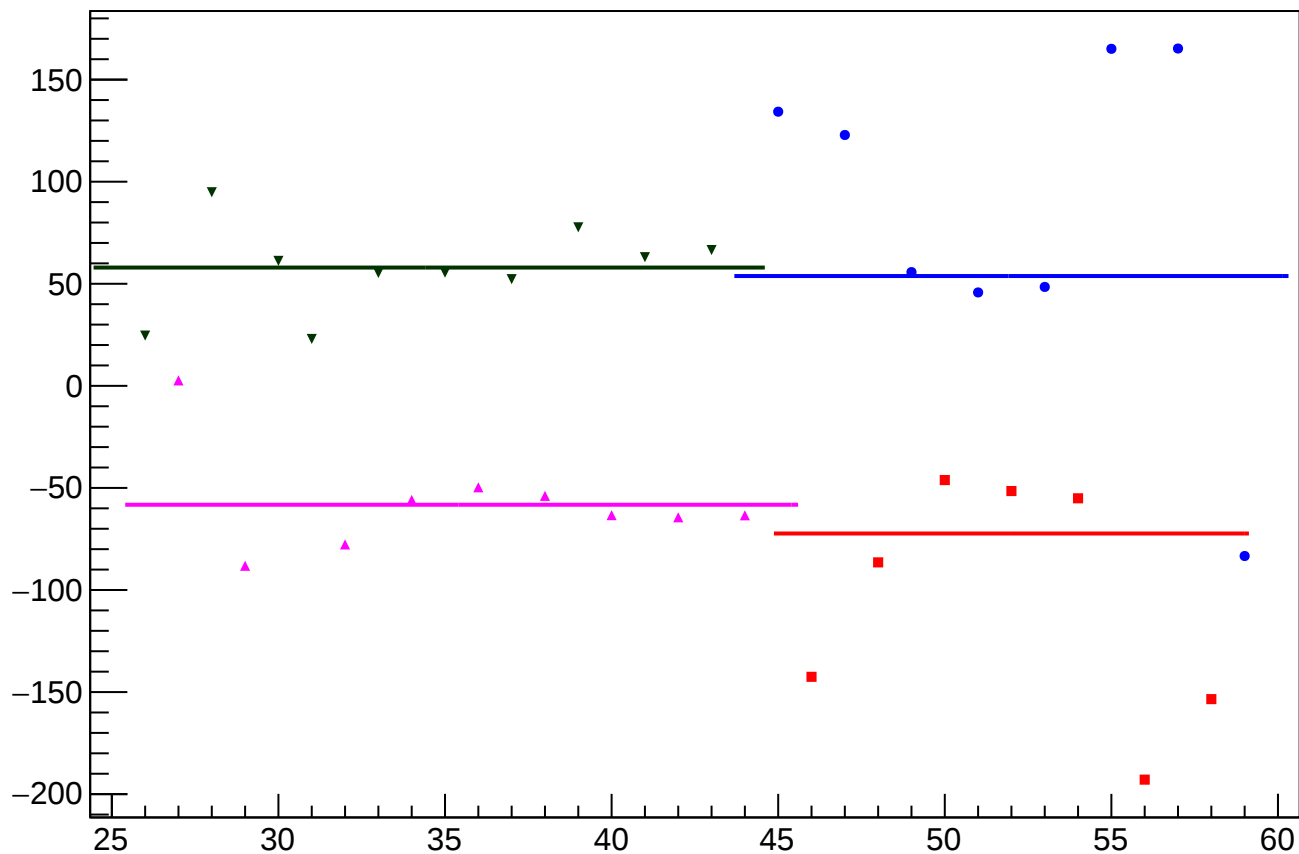
Left Out: -29.254 ± 0.507 $\chi^2/\text{NDF}: 636.3/9$

-3.082 ± 0.249 $\chi^2/\text{NDF}: 13072.5/33$

Right Out: 19.533 ± 0.562 $\chi^2/\text{NDF}: 2039.9/6$

Left In: 18.368 ± 0.461 $\chi^2/\text{NDF}: 1267.3/8$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 53.793+/-0.091 χ^2/NDF : 530546.0/7

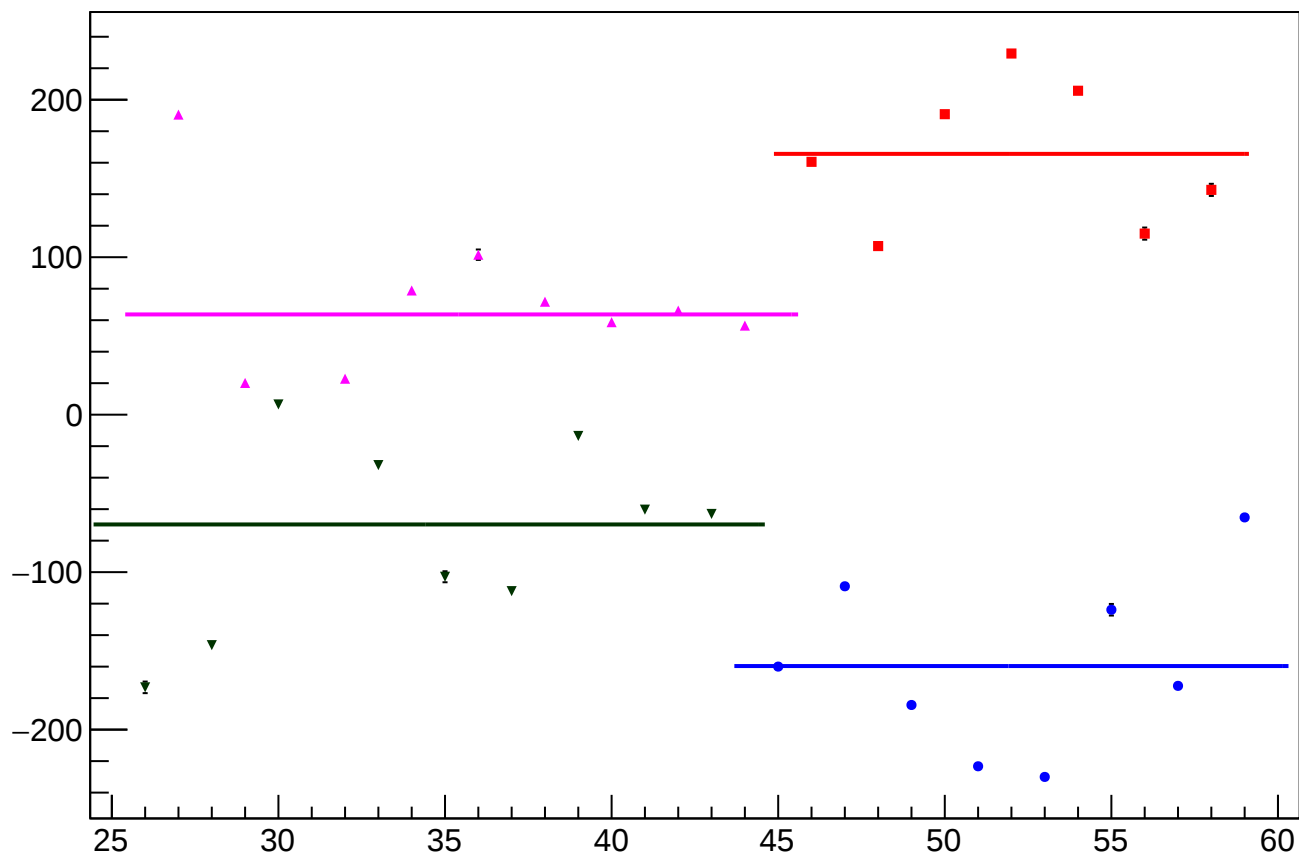
Left Out: 57.944+/-0.092 χ^2/NDF : 48321.4/9

Right Out: -72.322+/-0.105 χ^2/NDF : 145889.4/6

Left In: -58.243+/-0.096 χ^2/NDF : 65783.5/8

1.057+/-0.048 χ^2/NDF : 2384724.6/33

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -159.630 ± 0.896 $\chi^2/\text{NDF}: 3013.4/7$

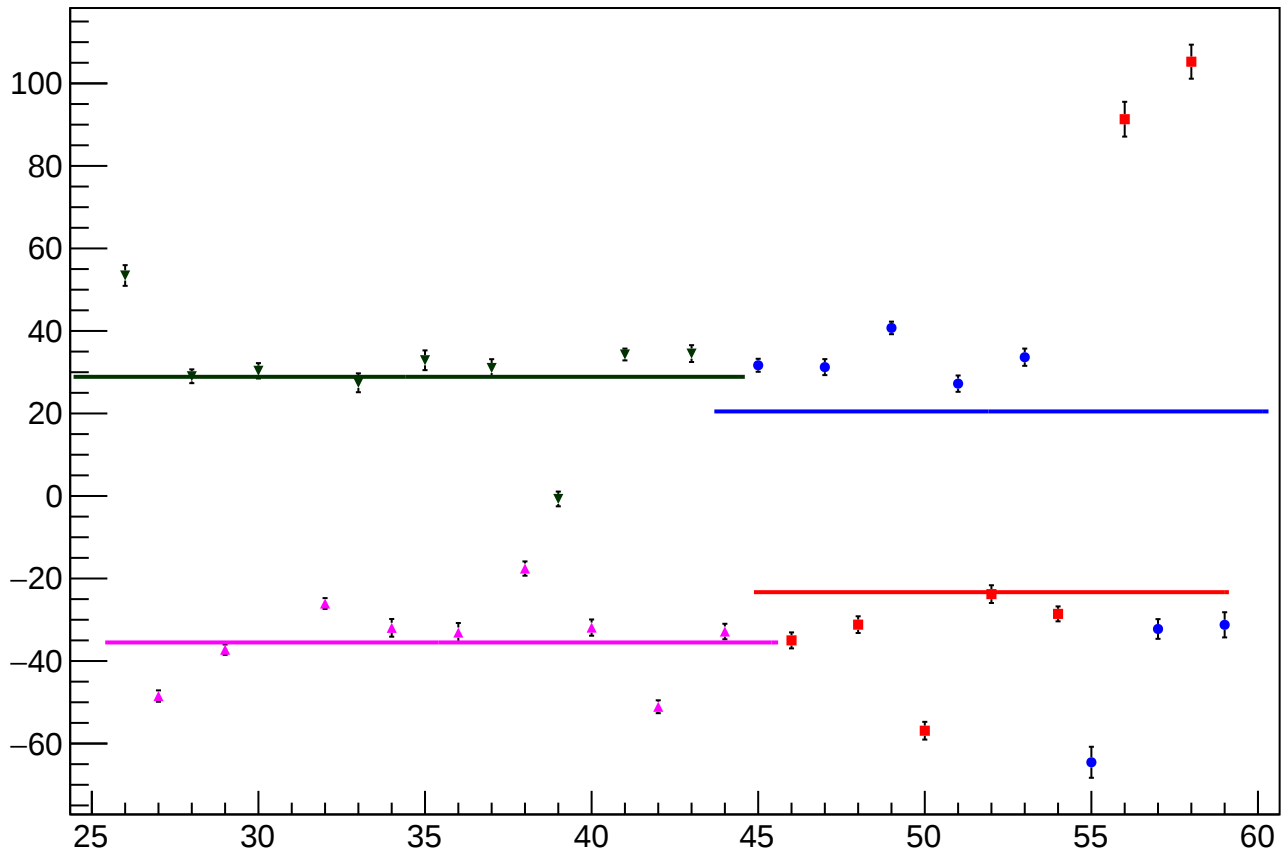
Left Out: -69.710 ± 0.865 $\chi^2/\text{NDF}: 4019.0/8$

Right Out: 165.621 ± 1.103 $\chi^2/\text{NDF}: 1534.0/6$

Left In: 63.663 ± 0.734 $\chi^2/\text{NDF}: 4921.5/8$

-7.153 ± 0.436 $\chi^2/\text{NDF}: 81531.3/32$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 20.492+/-0.718 χ^2/NDF : 1595.2/7

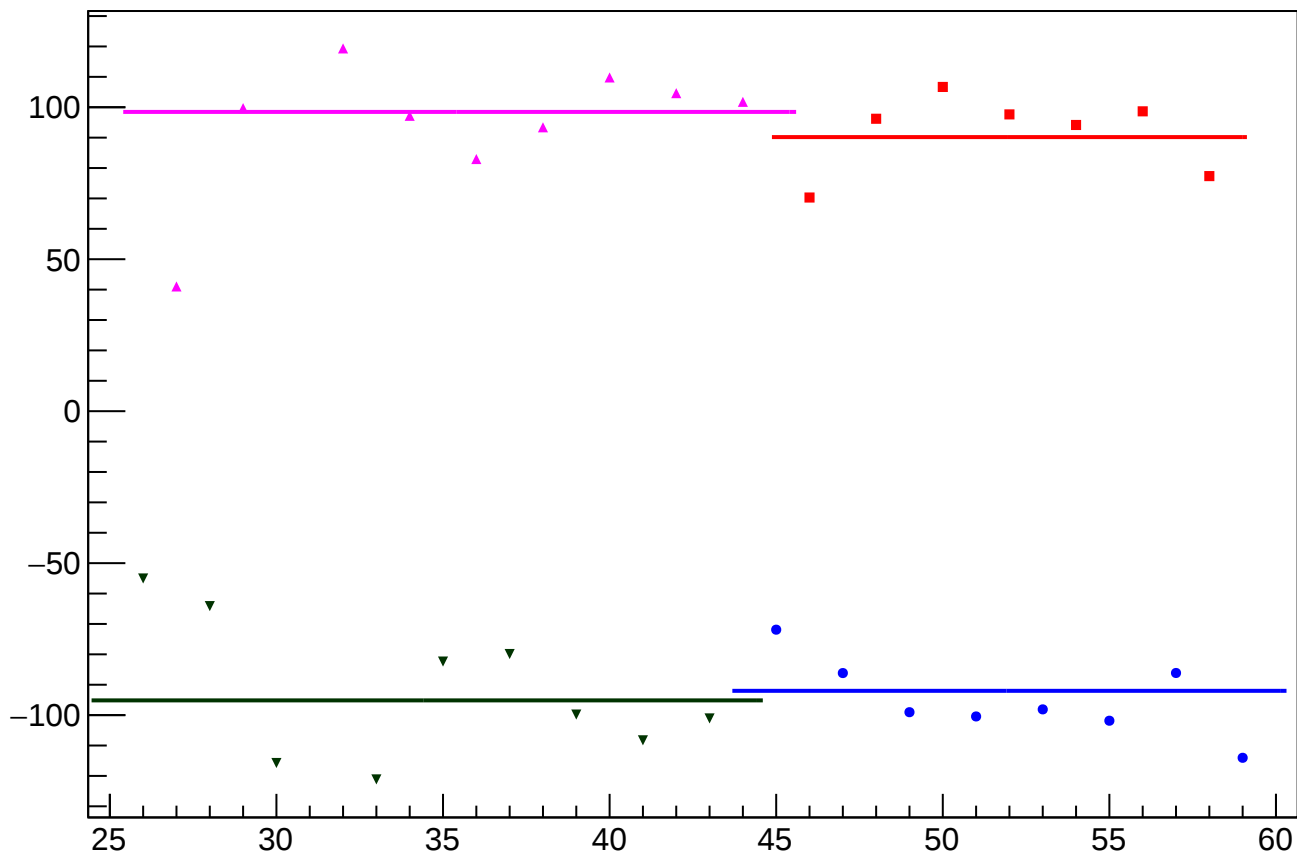
Left Out: 28.884+/-0.641 χ^2/NDF : 396.4/8

-4.775+/-0.330 χ^2/NDF : 12064.8/32

Right Out: -23.313+/-0.857 χ^2/NDF : 2013.1/6

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -92.006 $\pm$ 0.159 χ^2 /NDF: 6734.4/7

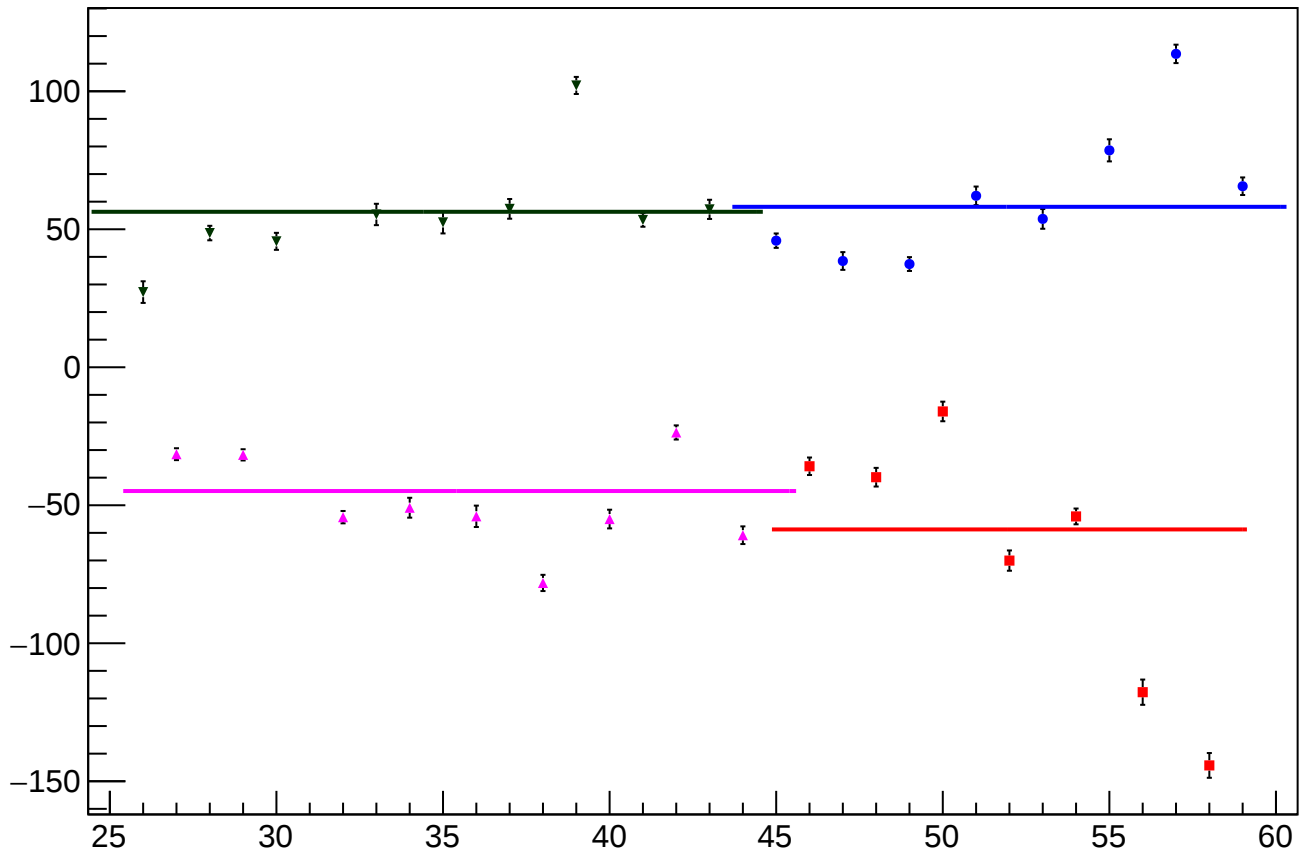
Left Out: -95.151 $\pm$ 0.144 χ^2 /NDF: 20300.2/8

Right Out: 90.180 $\pm$ 0.187 χ^2 /NDF: 4433.6/6

Left In: 98.464 $\pm$ 0.125 χ^2 /NDF: 31724.1/8

4.055 $\pm$ 0.074 χ^2 /NDF: 1687074.0/32

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 58.135+/-1.104 χ^2/NDF : 438.4/7

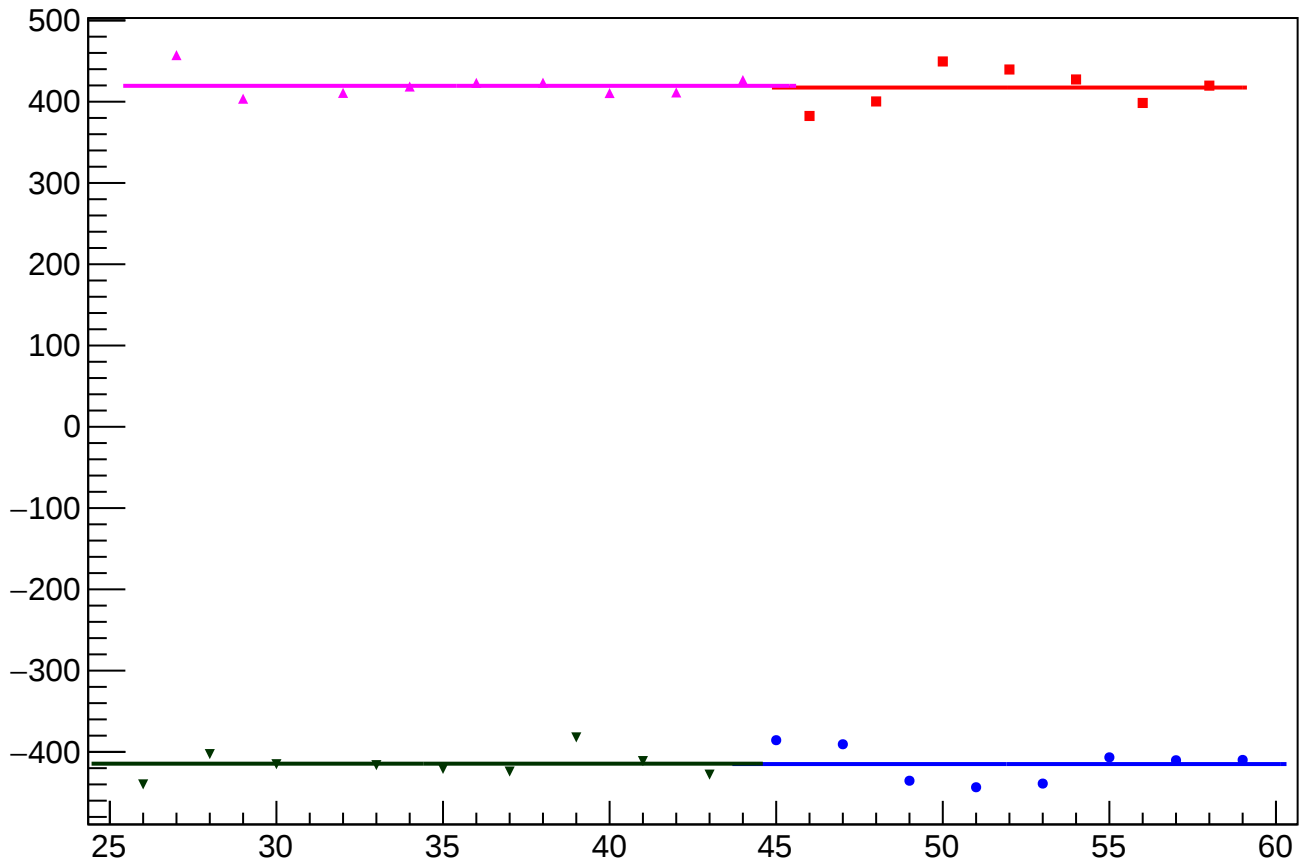
Left Out: 56.333+/-1.069 χ^2/NDF : 296.9/8

Right Out: -58.758+/-1.336 χ^2/NDF : 769.8/6

Left In: -44.845+/-0.893 χ^2/NDF : 337.0/8

2.262+/-0.534 χ^2/NDF : 11827.9/32

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -414.950 ± 0.214 χ^2/NDF : 9928.5/7

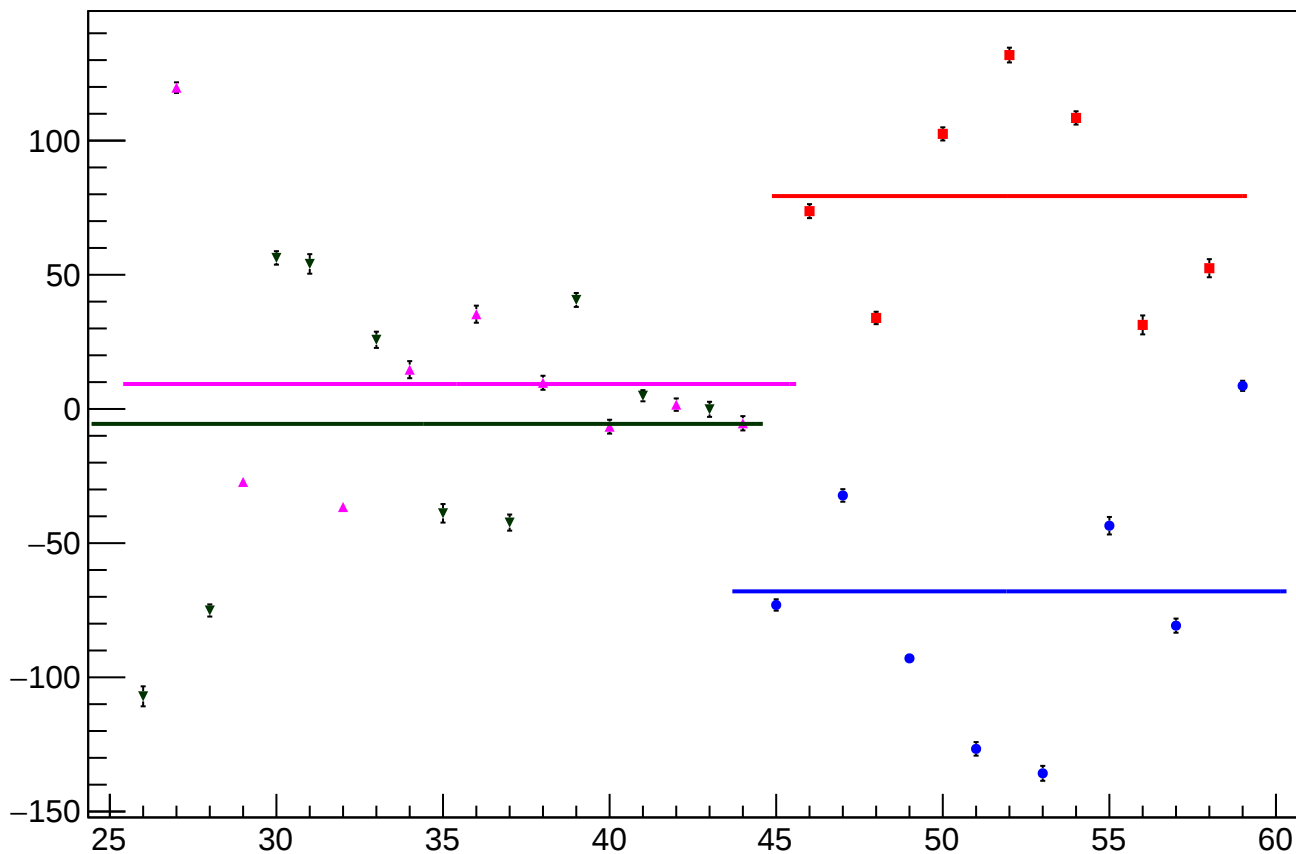
Left Out: -414.478 ± 0.199 χ^2/NDF : 5731.0/8

Right Out: 417.402 ± 0.254 χ^2/NDF : 8383.5/6

Left In: 419.518 ± 0.188 χ^2/NDF : 6841.3/8

-13.783 ± 0.105 χ^2/NDF : 15757369.9/32

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -67.963 ± 0.796 χ^2/NDF : 3318.7/7

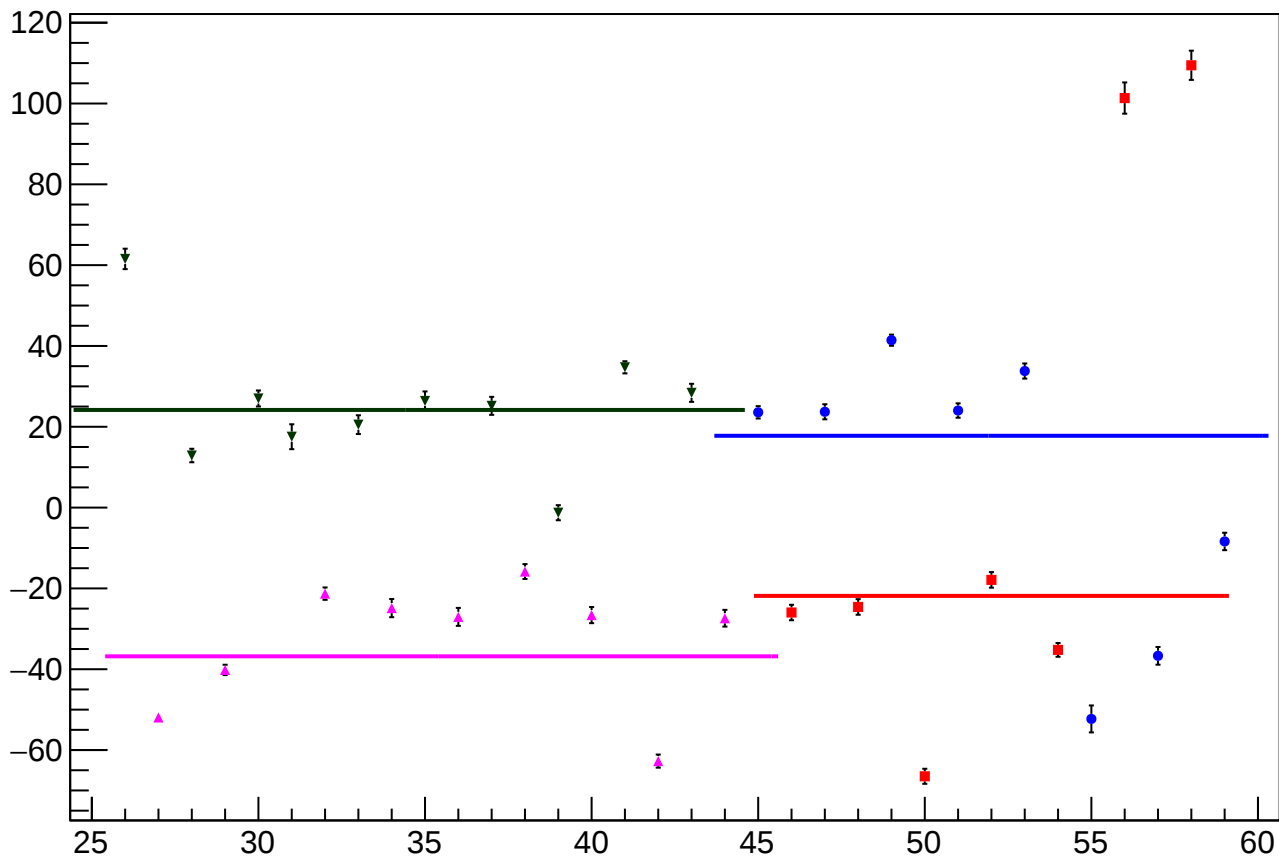
Left Out: -5.557 ± 0.874 χ^2/NDF : 3249.1/9

-4.003 ± 0.424 χ^2/NDF : 25588.3/33

Right Out: 79.334 ± 1.019 χ^2/NDF : 1229.1/6

Left In: 9.304 ± 0.765 χ^2/NDF : 4334.5/8

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 17.772 ± 0.651 $\chi^2/\text{NDF}: 1609.6/7$

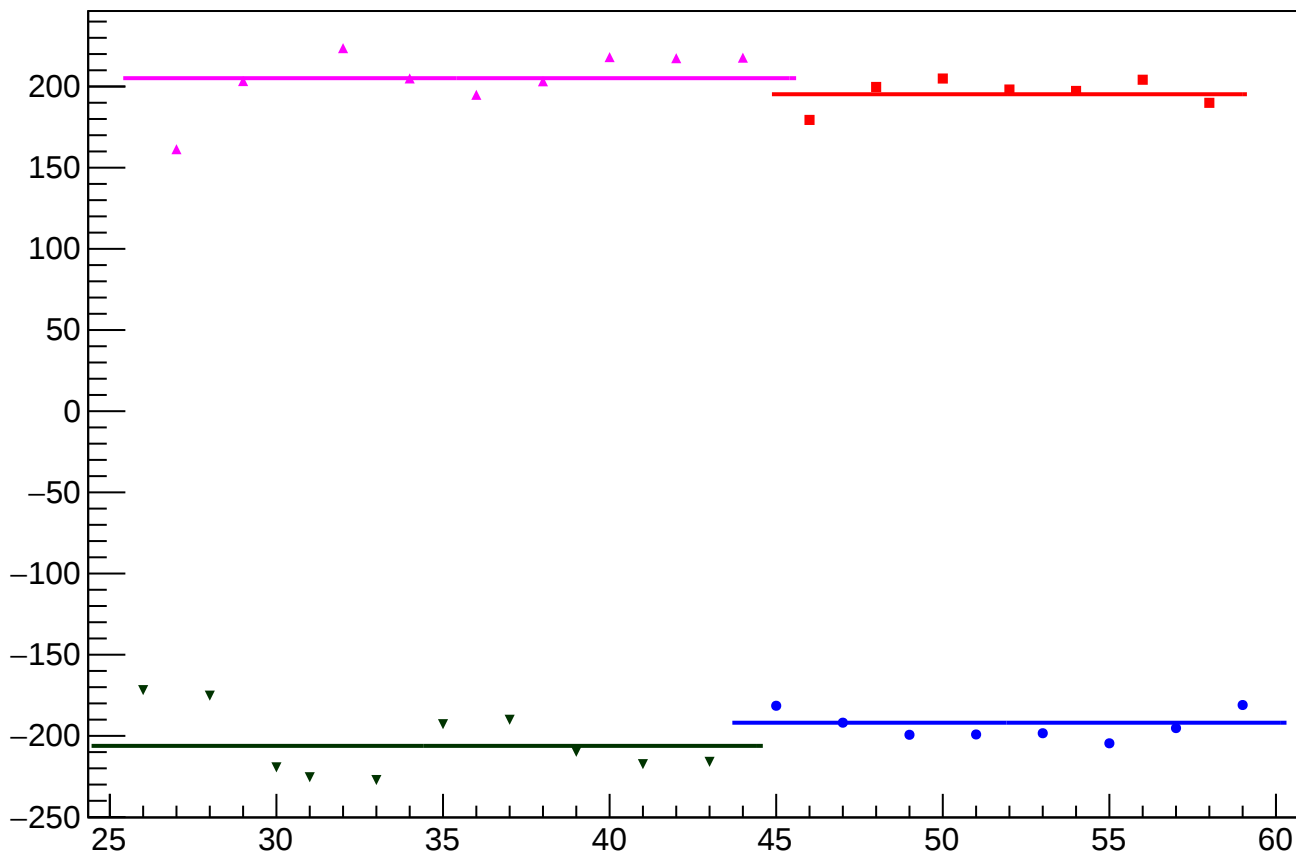
Left Out: 24.167 ± 0.649 $\chi^2/\text{NDF}: 512.5/9$

Right Out: -21.852 ± 0.794 $\chi^2/\text{NDF}: 2981.0/6$

Left In: -36.806 ± 0.555 $\chi^2/\text{NDF}: 738.7/8$

-5.761 ± 0.323 $\chi^2/\text{NDF}: 12812.2/33$

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -191.898+/-0.142 χ^2/NDF : 3438.9/7

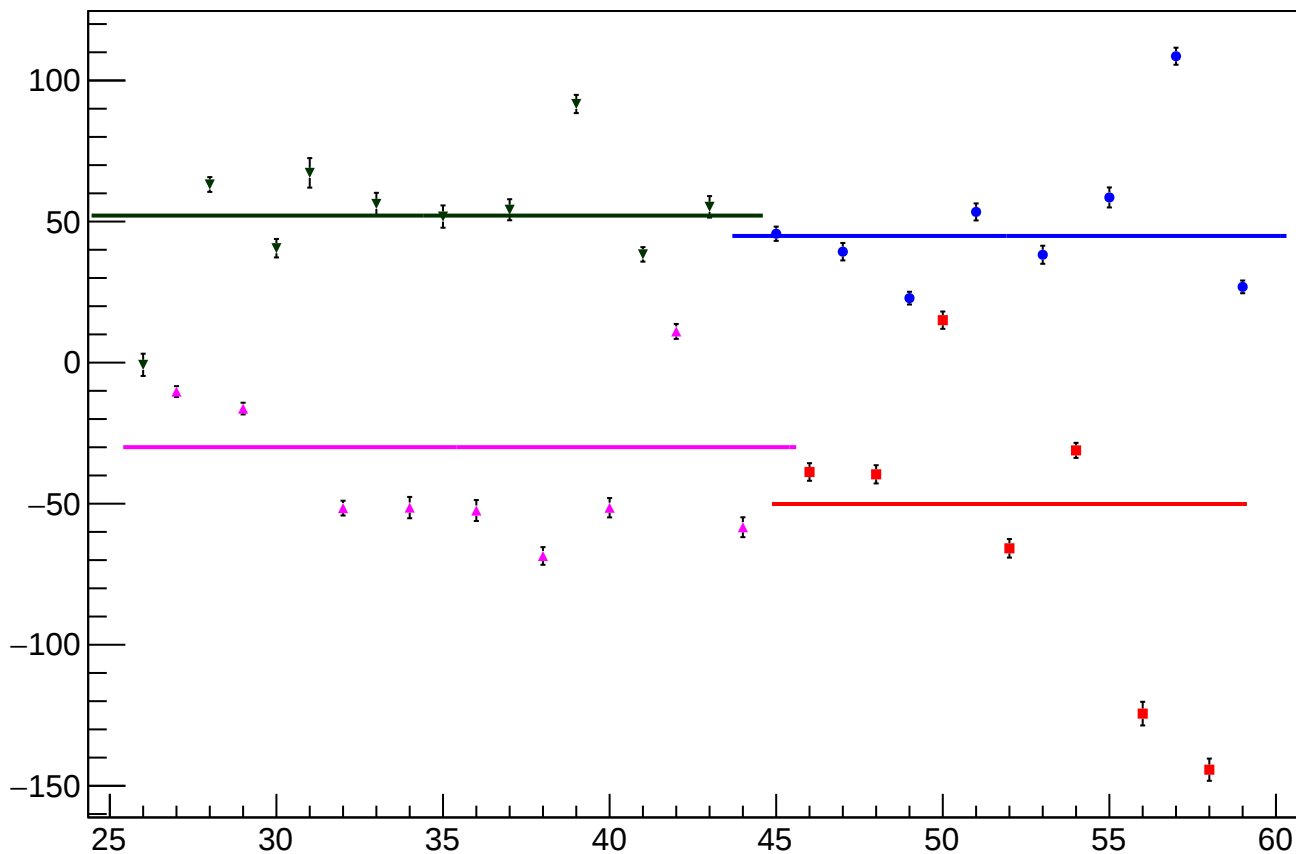
Left Out: -206.161+/-0.144 χ^2/NDF : 16990.9/9

Right Out: 195.242+/-0.174 χ^2/NDF : 2515.0/6

Left In: 205.134+/-0.132 χ^2/NDF : 22564.1/8

-5.940+/-0.073 χ^2/NDF : 7593717.2/33

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 44.902 $\pm$ 0.977 χ^2 /NDF: 632.1/7

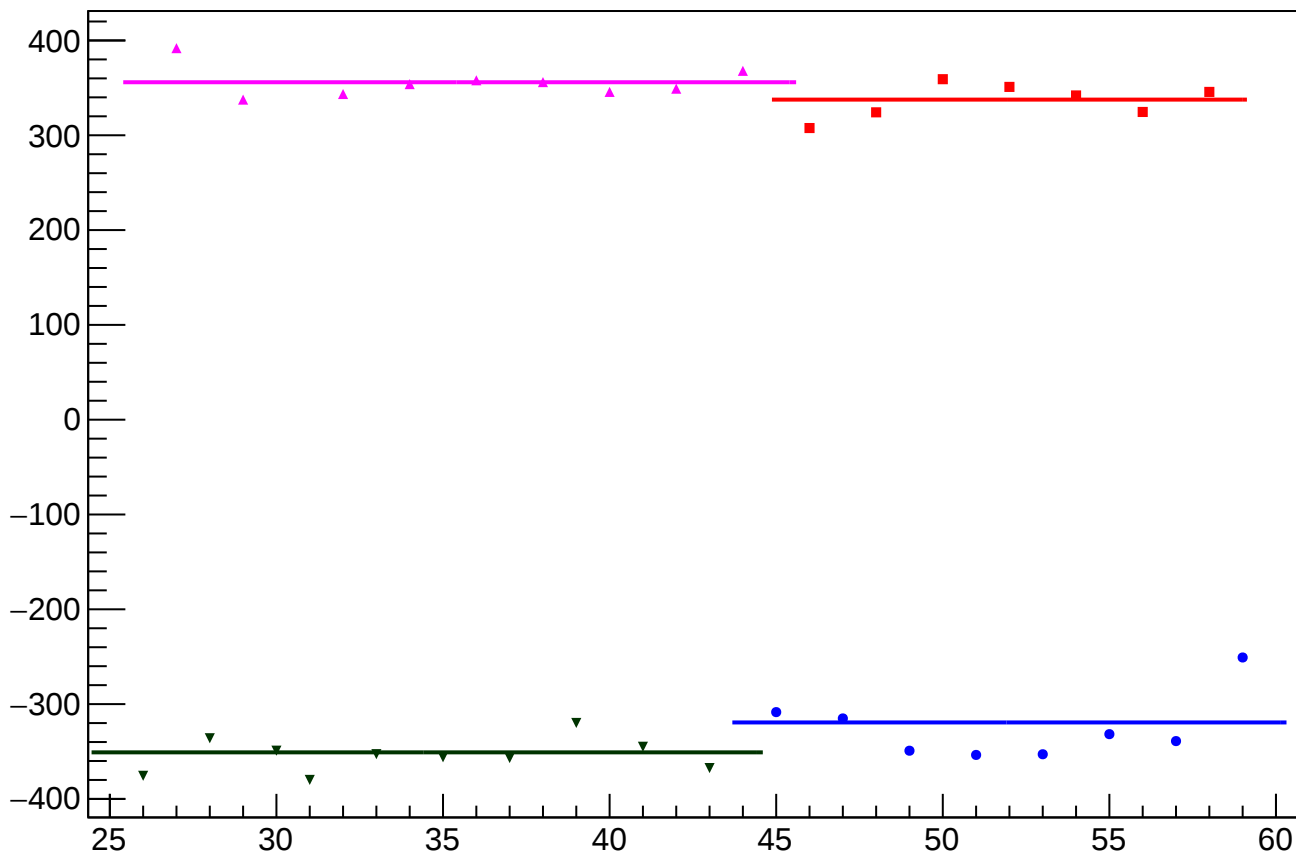
Left Out: 52.118 $\pm$ 1.081 χ^2 /NDF: 398.5/9

6.034 $\pm$ 0.516 χ^2 /NDF: 10273.7/33

Right Out: -50.112 $\pm$ 1.232 χ^2 /NDF: 1435.1/6

Left In: -29.956 $\pm$ 0.913 χ^2 /NDF: 779.4/8

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -319.335+/-0.189 χ^2/NDF : 38956.7/7

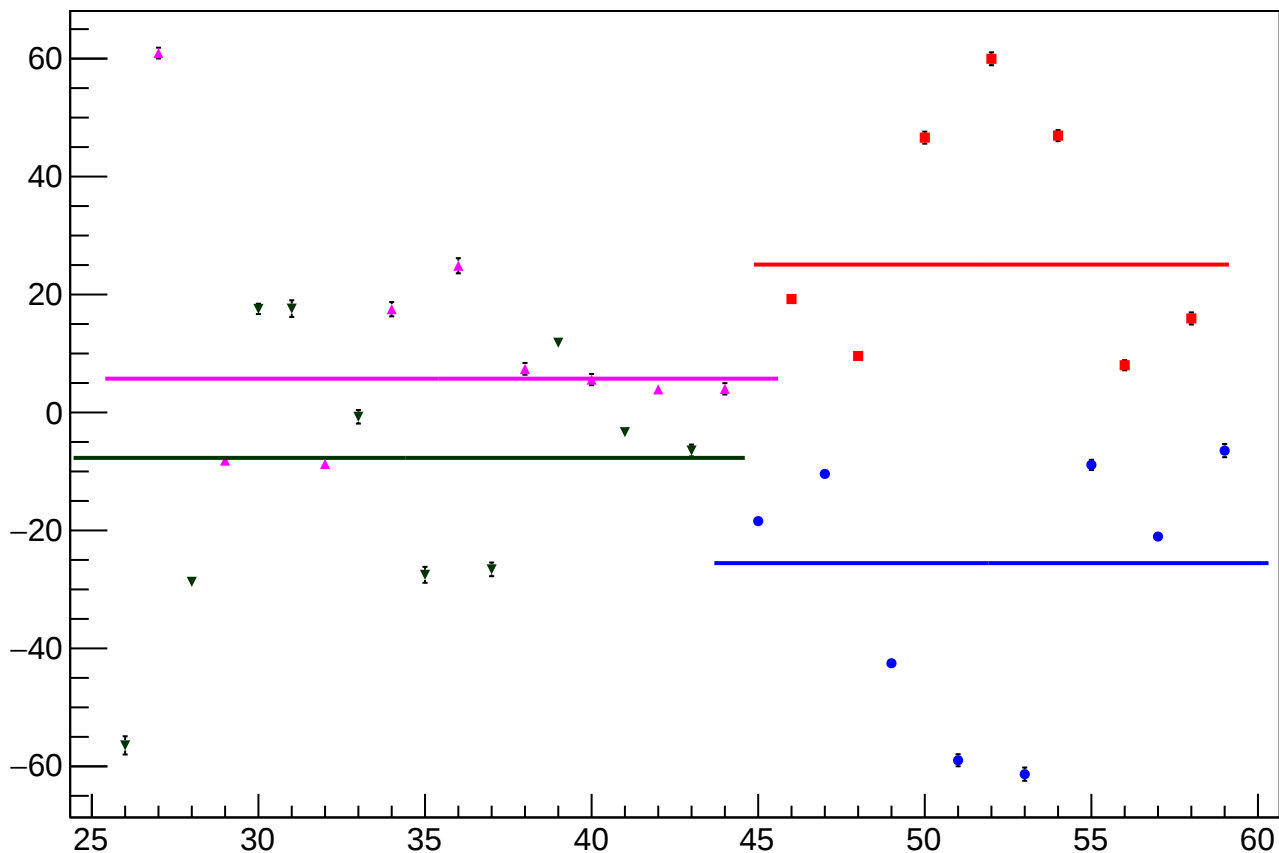
Left Out: -350.887+/-0.200 χ^2/NDF : 6484.7/9

Right Out: 337.613+/-0.233 χ^2/NDF : 5447.7/6

Left In: 355.932+/-0.194 χ^2/NDF : 7933.4/8

-21.078+/-0.101 χ^2/NDF : 11422911.8/33

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -25.541 $\pm$ 0.274 χ^2 /NDF: 4079.4/7

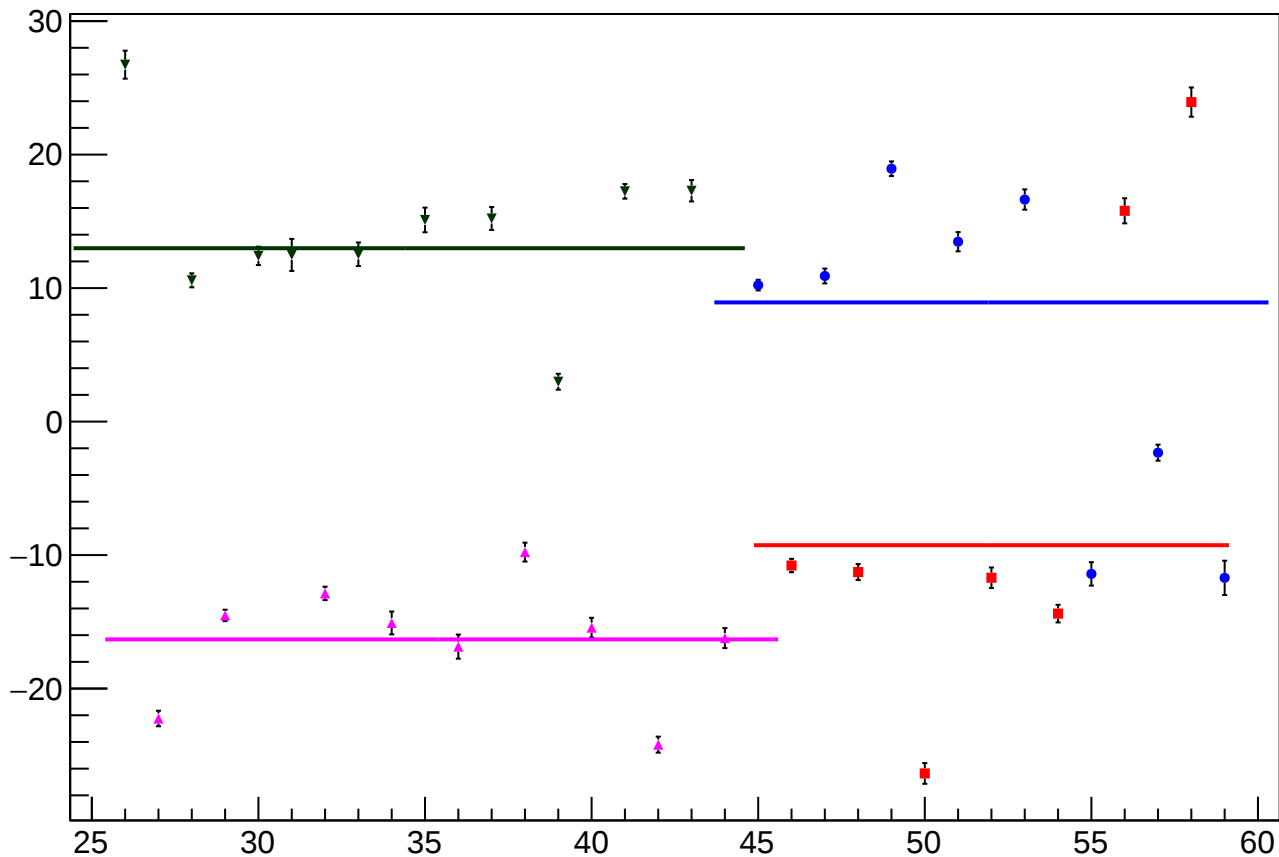
Left Out: -7.698 $\pm$ 0.310 χ^2 /NDF: 4119.4/9

Right Out: 25.080 $\pm$ 0.328 χ^2 /NDF: 3004.0/6

Left In: 5.733 $\pm$ 0.279 χ^2 /NDF: 5095.9/8

-2.495 $\pm$ 0.148 χ^2 /NDF: 31580.2/33

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 8.927 ± 0.217 $\chi^2/\text{NDF}: 1646.1/7$

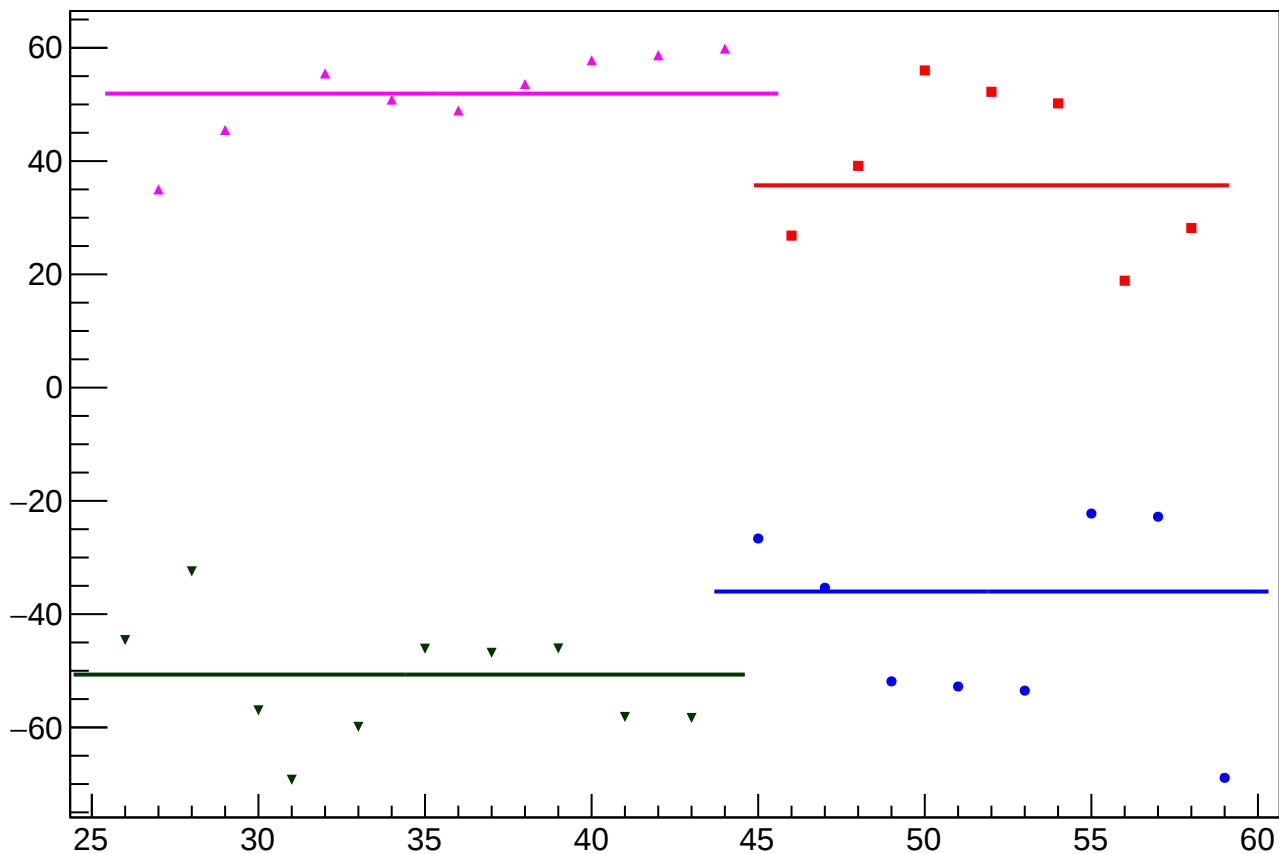
Left Out: 12.987 ± 0.230 $\chi^2/\text{NDF}: 575.0/9$

Right Out: -9.262 ± 0.264 $\chi^2/\text{NDF}: 2202.5/6$

Left In: -16.318 ± 0.207 $\chi^2/\text{NDF}: 430.3/8$

-1.039 ± 0.113 $\chi^2/\text{NDF}: 17093.7/33$

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.004 $\pm$ 0.048 χ^2 /NDF: 86271.9/7

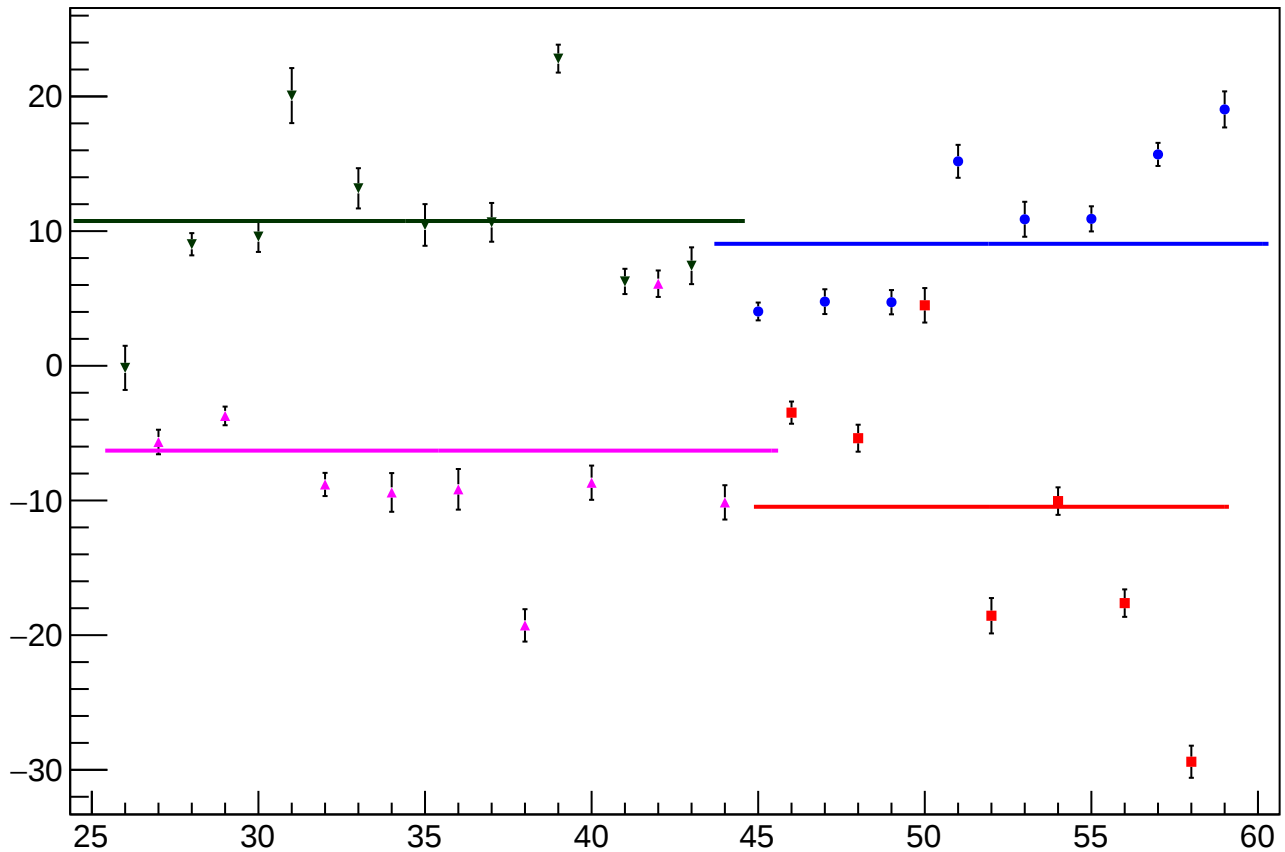
Left Out: -50.671 $\pm$ 0.051 χ^2 /NDF: 44323.0/9

Right Out: 35.724 $\pm$ 0.055 χ^2 /NDF: 49927.4/6

Left In: 51.920 $\pm$ 0.048 χ^2 /NDF: 21764.1/8

-0.421 $\pm$ 0.025 χ^2 /NDF: 3343661.3/33

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 9.058+/-0.333 χ^2/NDF : 248.9/7

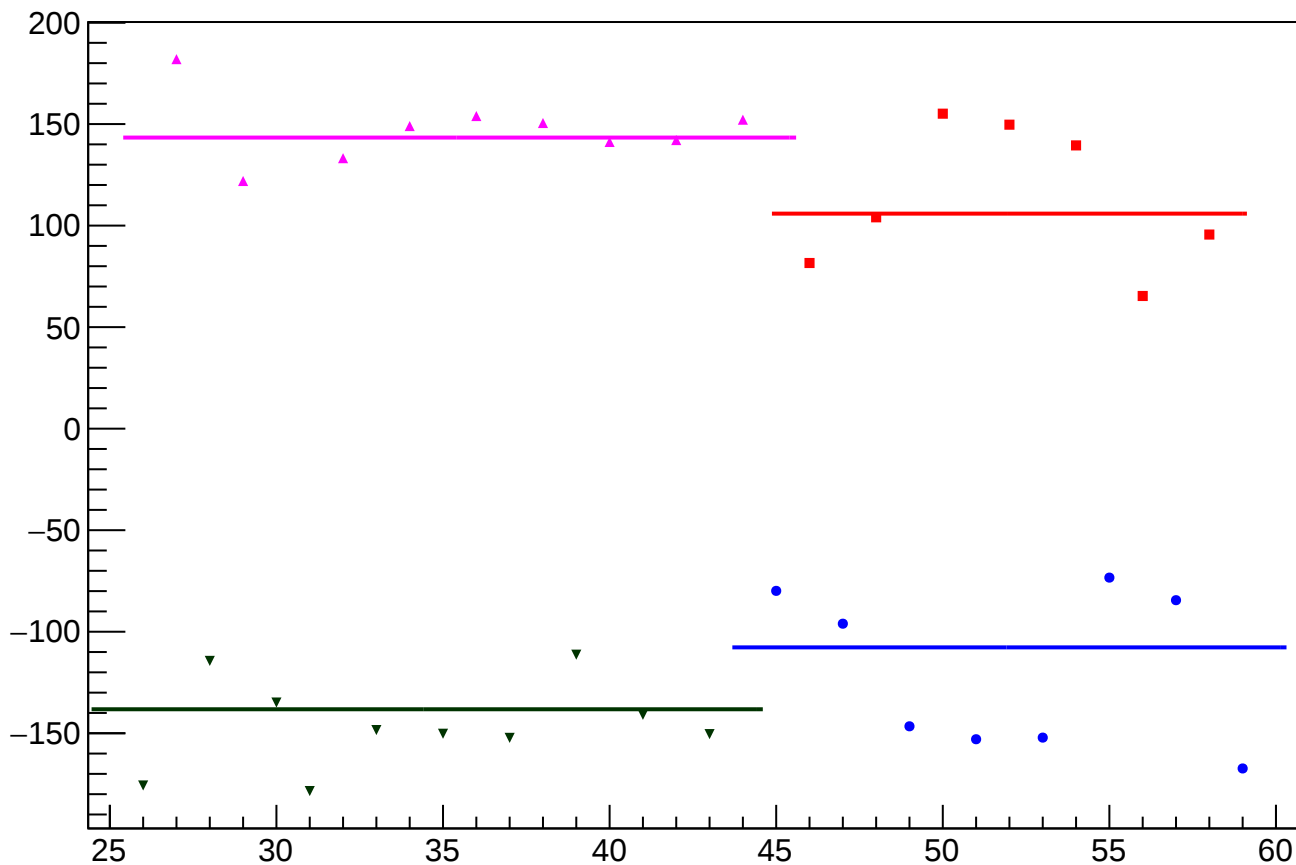
Left Out: 10.751+/-0.383 χ^2/NDF : 237.1/9

1.157+/-0.181 χ^2/NDF : 3890.2/33

Right Out: -10.467+/-0.399 χ^2/NDF : 573.5/6

Left In: -6.298+/-0.343 χ^2/NDF : 319.2/8

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -107.705+/-0.065 χ^2/NDF : 278180.4/7

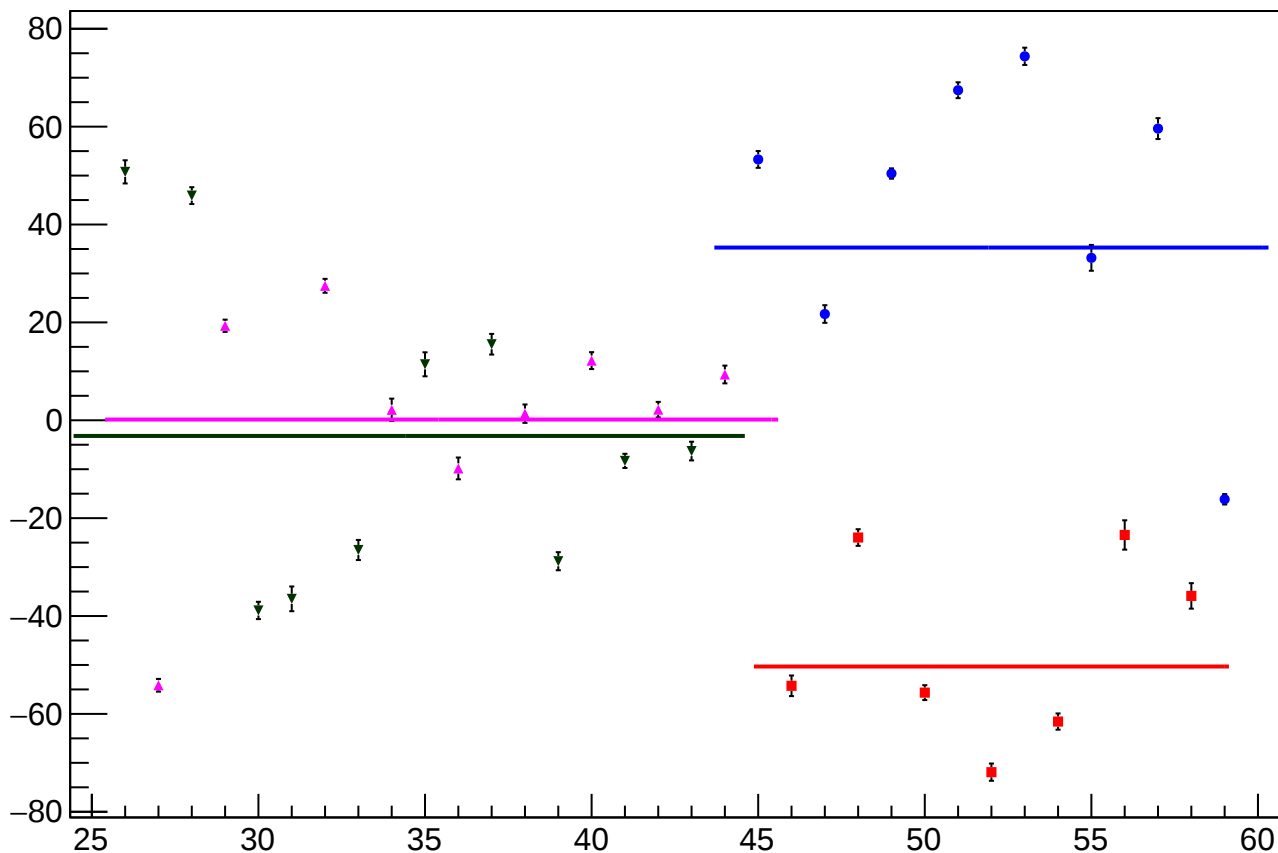
Left Out: -138.184+/-0.072 χ^2/NDF : 82180.0/9

Right Out: 105.894+/-0.076 χ^2/NDF : 178618.3/6

Left In: 143.350+/-0.072 χ^2/NDF : 55051.5/8

-7.578+/-0.035 χ^2/NDF : 12932899.3/33

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 35.293+/-0.535 χ^2/NDF : 3715.6/7

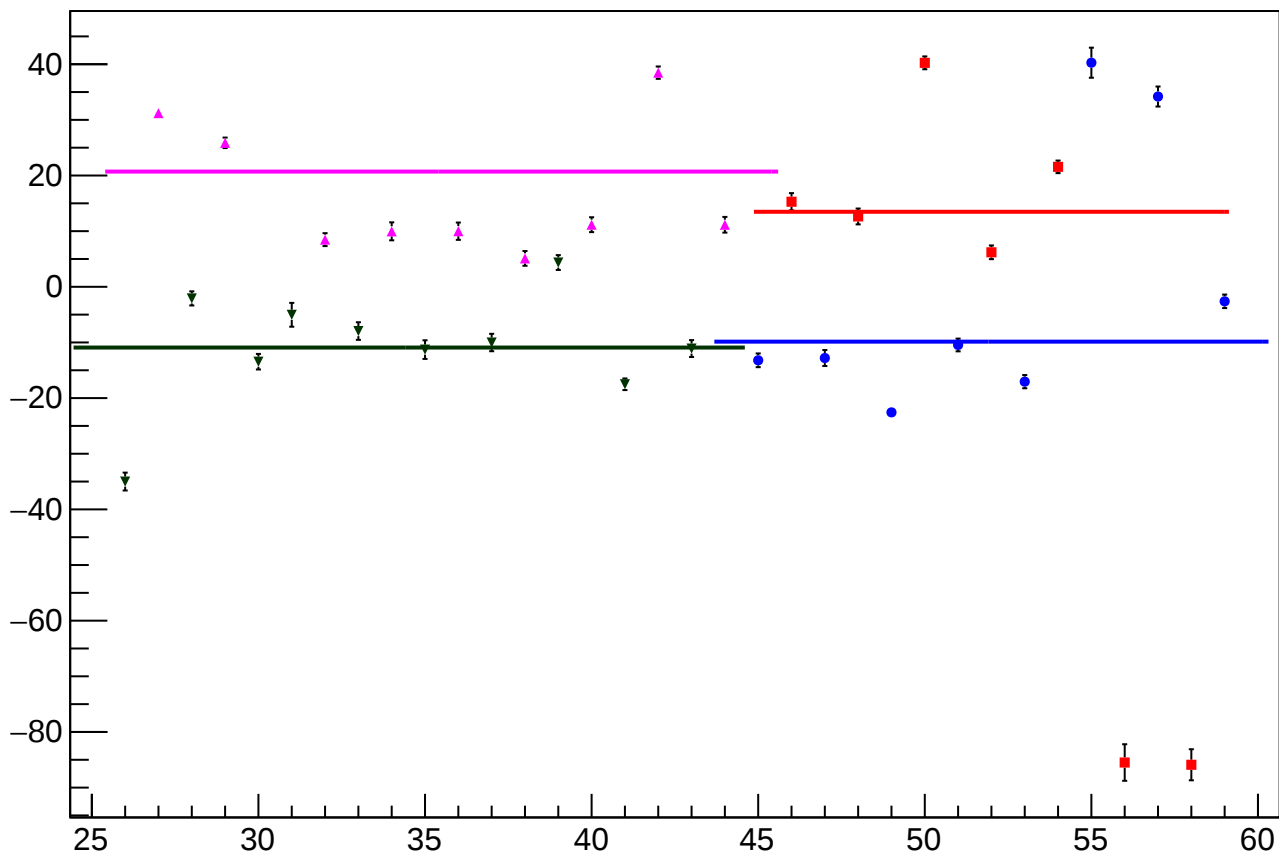
Left Out: -3.202+/-0.613 χ^2/NDF : 2363.4/9

1.498+/-0.294 χ^2/NDF : 18356.2/33

Right Out: -50.317+/-0.717 χ^2/NDF : 562.7/6

Left In: 0.152+/-0.540 χ^2/NDF : 2441.2/8

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -9.856 ± 0.447 $\chi^2/\text{NDF}: 1234.4/7$

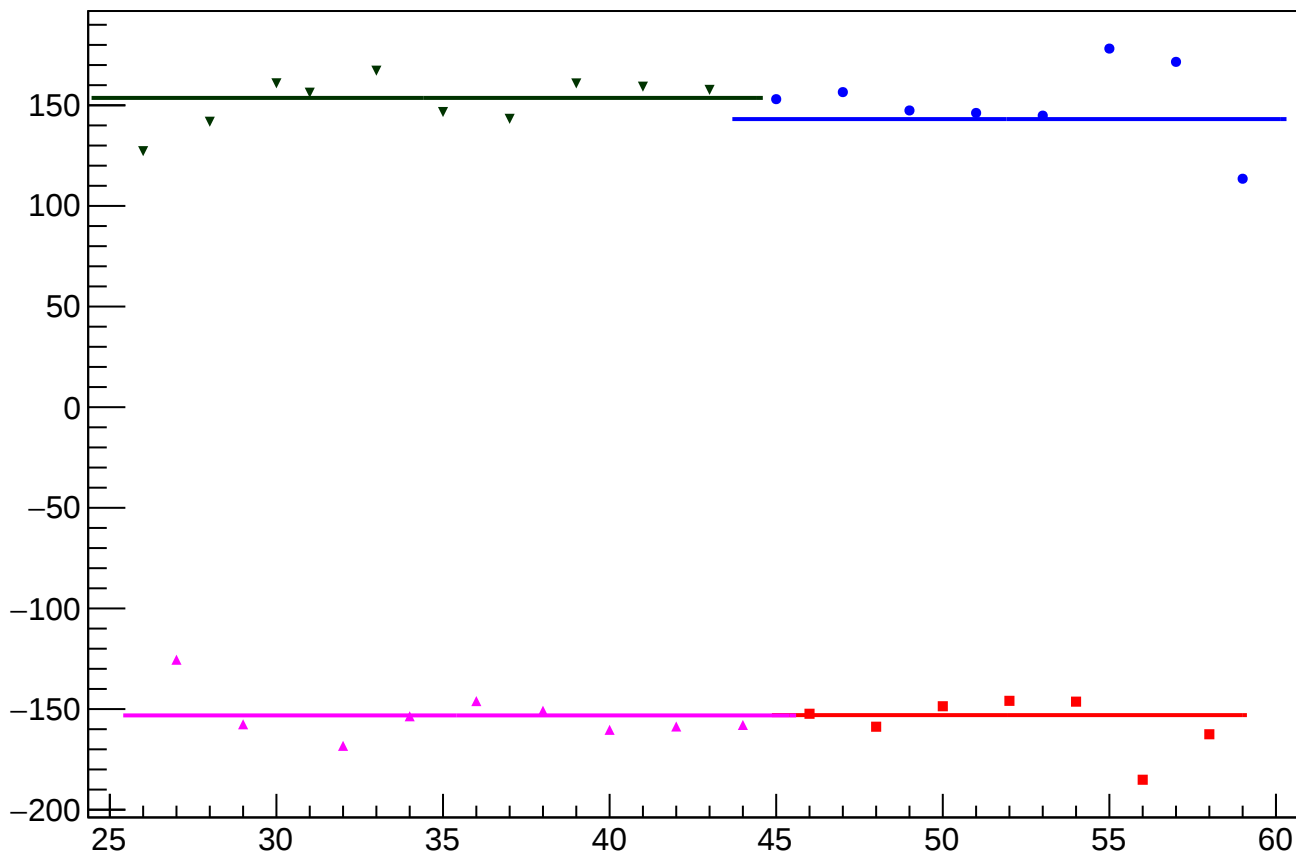
Left Out: -10.916 ± 0.456 $\chi^2/\text{NDF}: 459.2/9$

Right Out: 13.482 ± 0.549 $\chi^2/\text{NDF}: 2798.9/6$

Left In: 20.706 ± 0.387 $\chi^2/\text{NDF}: 896.2/8$

4.079 ± 0.225 $\chi^2/\text{NDF}: 9580.7/33$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 143.145 ± 0.097 $\chi^2/\text{NDF}: 39107.6/7$

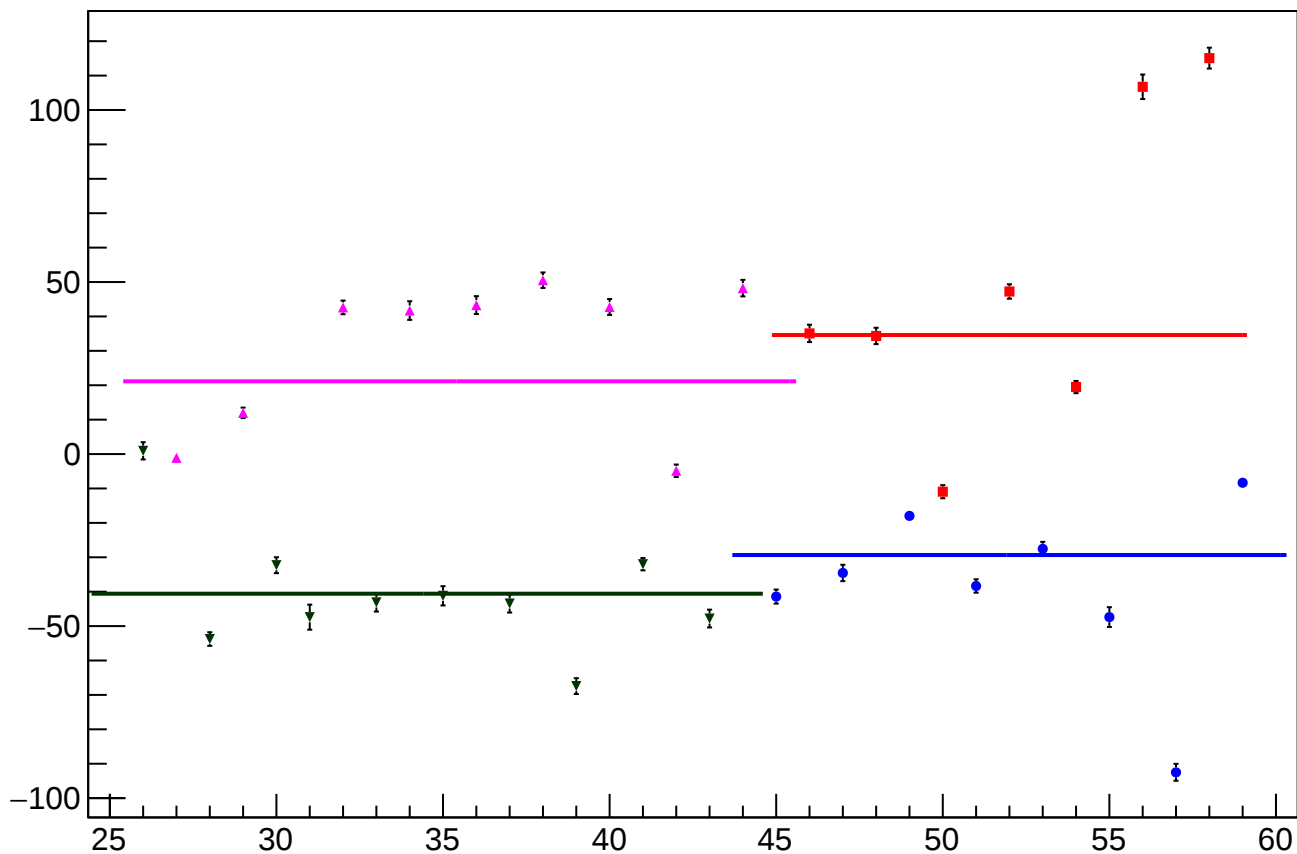
Left Out: 153.668 ± 0.101 $\chi^2/\text{NDF}: 11181.3/9$

7.016 ± 0.051 $\chi^2/\text{NDF}: 8799522.2/33$

Right Out: -153.001 ± 0.124 $\chi^2/\text{NDF}: 5949.9/6$

Left In: -153.146 ± 0.093 $\chi^2/\text{NDF}: 20805.5/8$

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.344 ± 0.660 χ^2/NDF : 1094.8/7

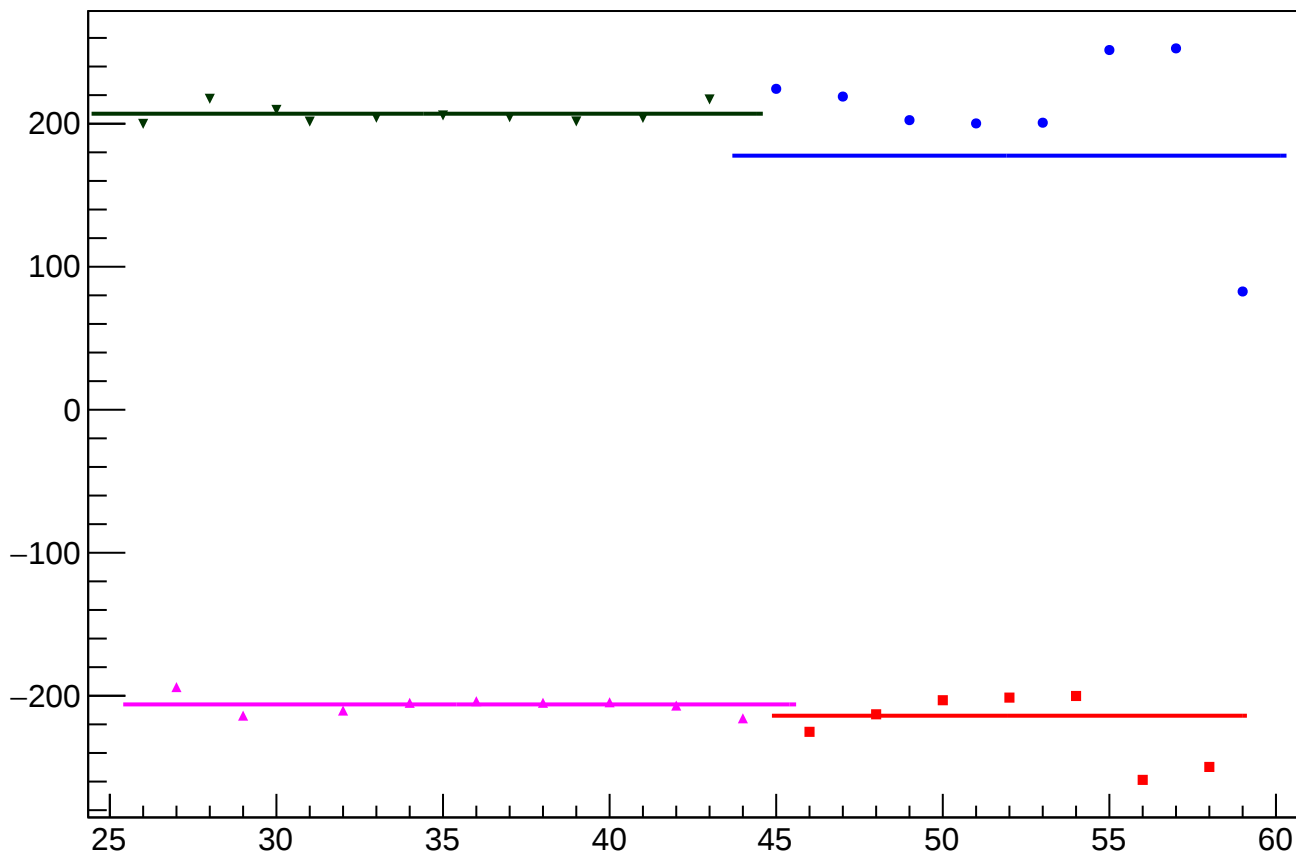
Left Out: -40.588 ± 0.759 χ^2/NDF : 503.5/9

-5.031 ± 0.357 χ^2/NDF : 11930.6/33

Right Out: 34.597 ± 0.865 χ^2/NDF : 1791.8/6

Left In: 21.140 ± 0.636 χ^2/NDF : 1191.2/8

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 177.671 ± 0.126 $\chi^2/\text{NDF}: 235481.9/7$

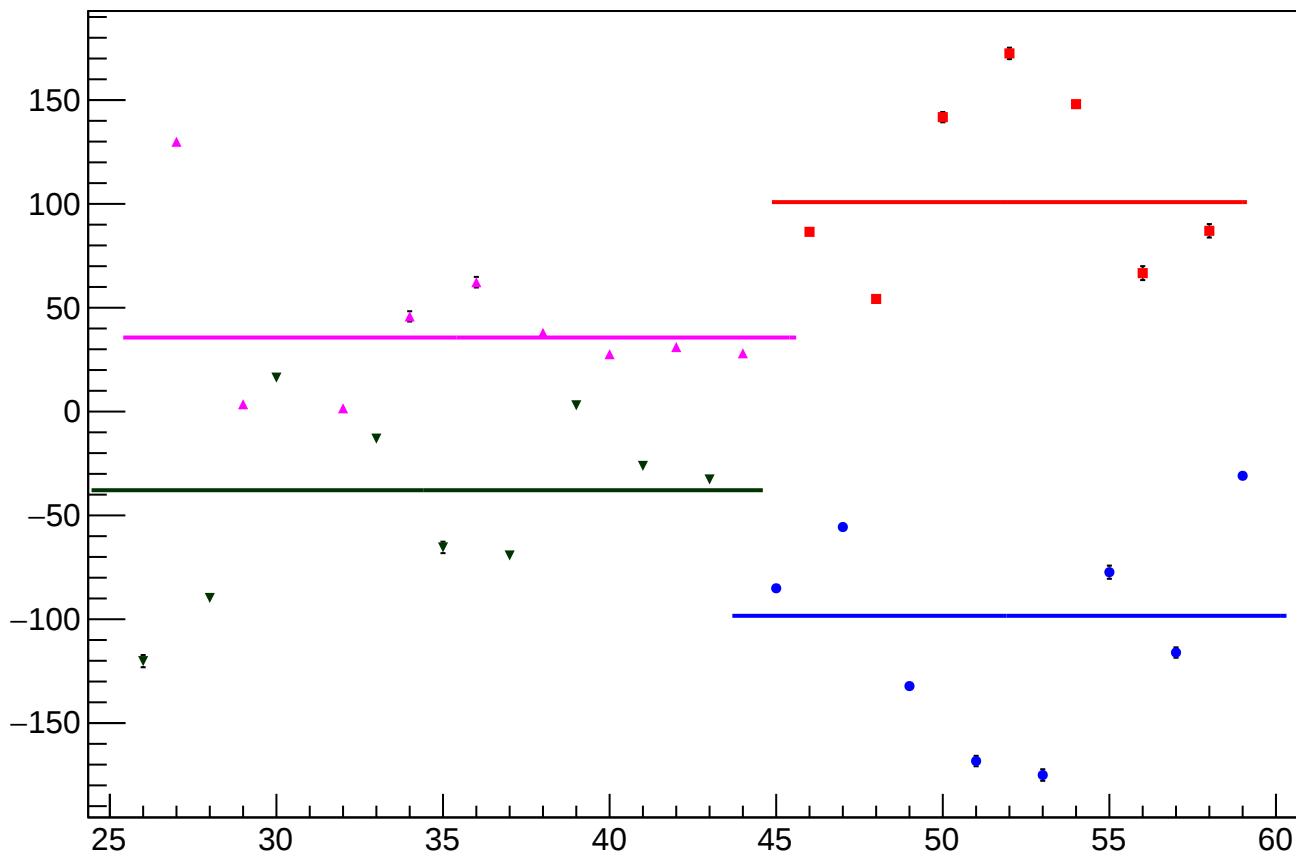
Left Out: 207.007 ± 0.139 $\chi^2/\text{NDF}: 1896.8/9$

12.736 ± 0.070 $\chi^2/\text{NDF}: 8413383.0/33$

Right Out: -213.951 ± 0.163 $\chi^2/\text{NDF}: 13246.1/6$

Left In: -206.045 ± 0.136 $\chi^2/\text{NDF}: 2460.3/8$

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -98.348 ± 0.717 $\chi^2/\text{NDF}: 3675.8/7$

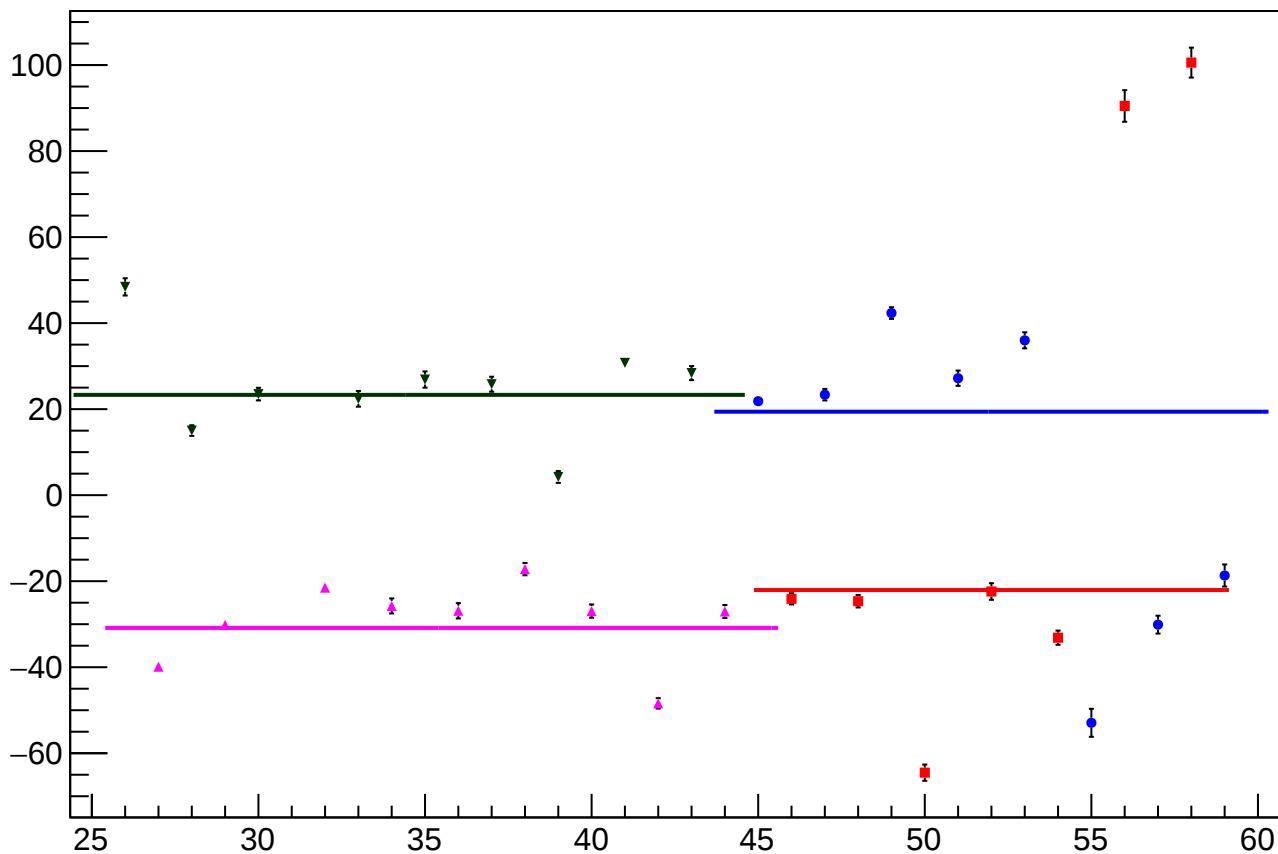
Left Out: -37.875 ± 0.681 $\chi^2/\text{NDF}: 3472.1/8$

Right Out: 100.855 ± 0.878 $\chi^2/\text{NDF}: 2234.6/6$

Left In: 35.653 ± 0.581 $\chi^2/\text{NDF}: 4958.4/8$

-4.376 ± 0.346 $\chi^2/\text{NDF}: 53050.7/32$

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 19.406+/-0.569 χ^2/NDF : 1677.1/7

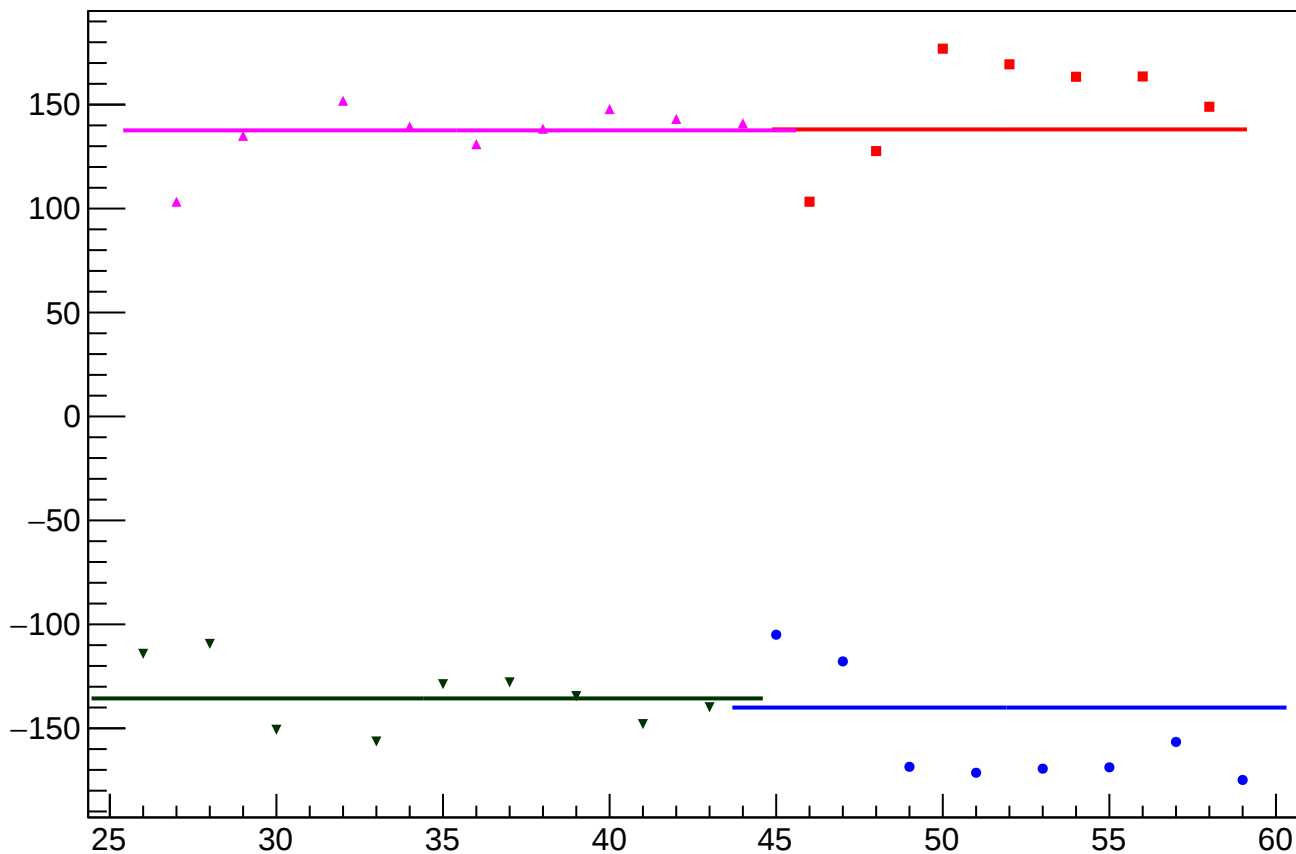
Left Out: 23.318+/-0.503 χ^2/NDF : 453.6/8

-4.548+/-0.260 χ^2/NDF : 14701.0/32

Right Out: -22.055+/-0.685 χ^2/NDF : 2737.9/6

Left In: -30.868+/-0.424 χ^2/NDF : 480.3/8

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -140.020 $\pm$ 0.125 χ^2 /NDF: 56142.0/7

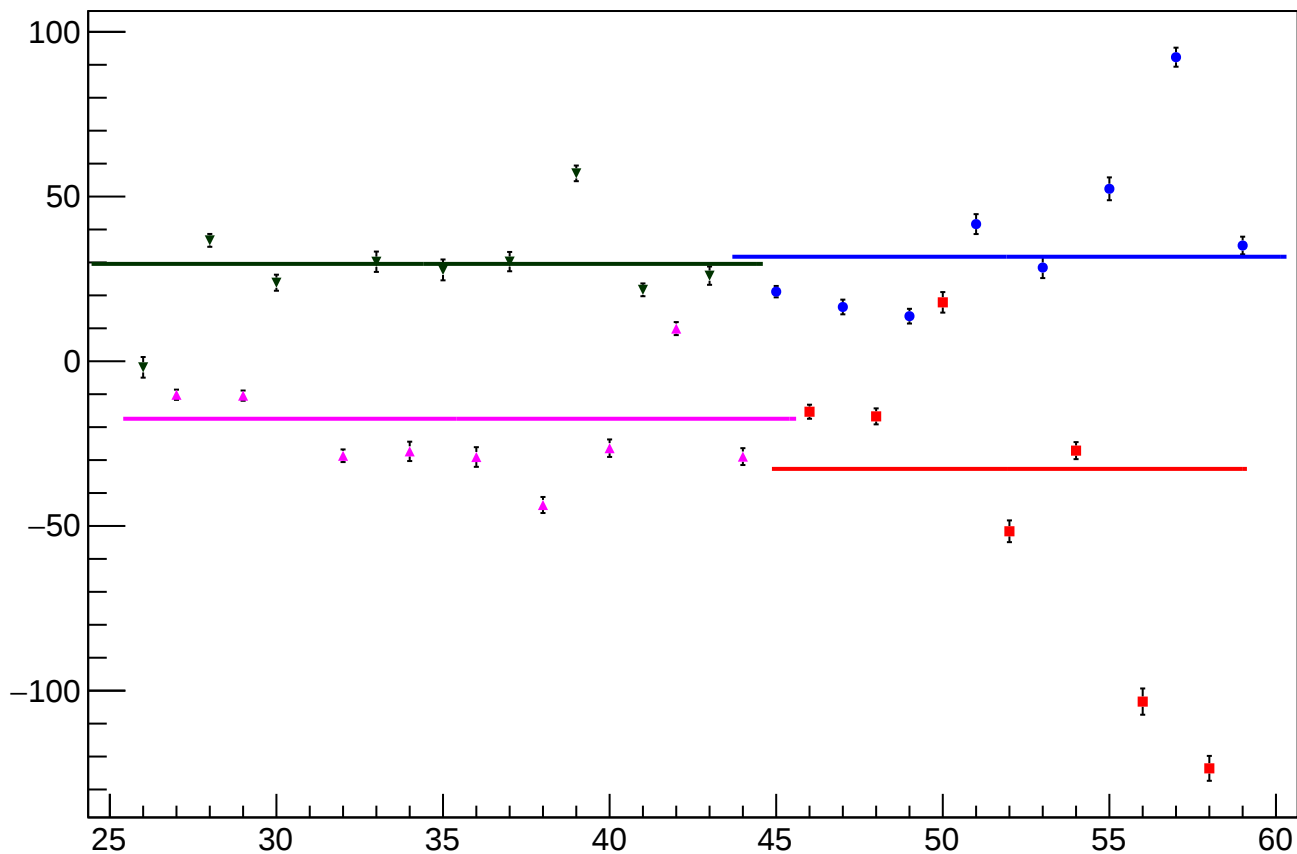
Left Out: -135.624 $\pm$ 0.114 χ^2 /NDF: 18316.3/8

Right Out: 138.069 $\pm$ 0.148 χ^2 /NDF: 35290.6/6

Left In: 137.605 $\pm$ 0.100 χ^2 /NDF: 21119.1/8

3.064 $\pm$ 0.059 χ^2 /NDF: 5565466.1/32

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 31.733+/-0.883 χ^2/NDF : 637.7/7

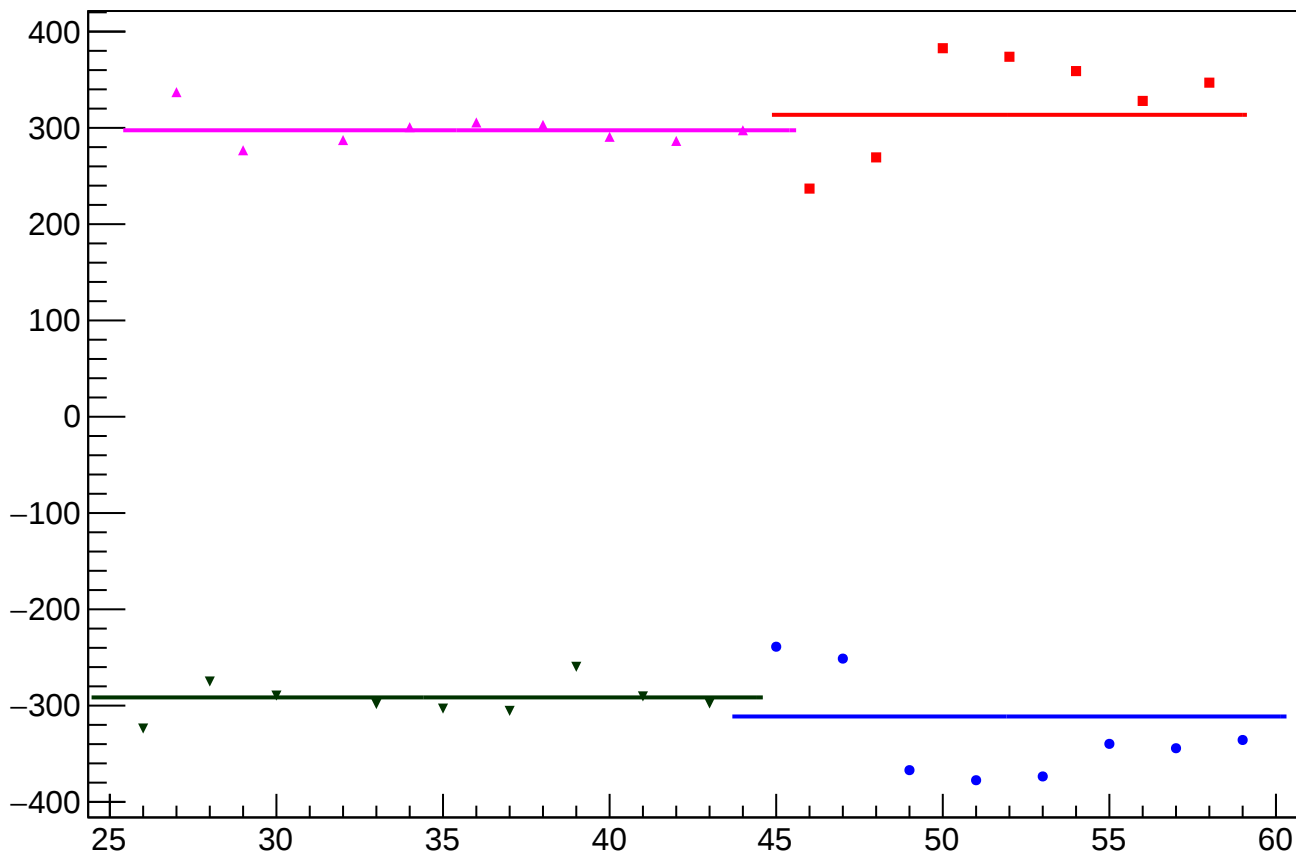
Left Out: 29.561+/-0.838 χ^2/NDF : 271.6/8

Right Out: -32.675+/-1.074 χ^2/NDF : 1302.3/6

Left In: -17.454+/-0.699 χ^2/NDF : 441.9/8

3.350+/-0.422 χ^2/NDF : 6676.7/32

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -311.287 ± 0.172 $\chi^2/\text{NDF}: 110669.2/7$

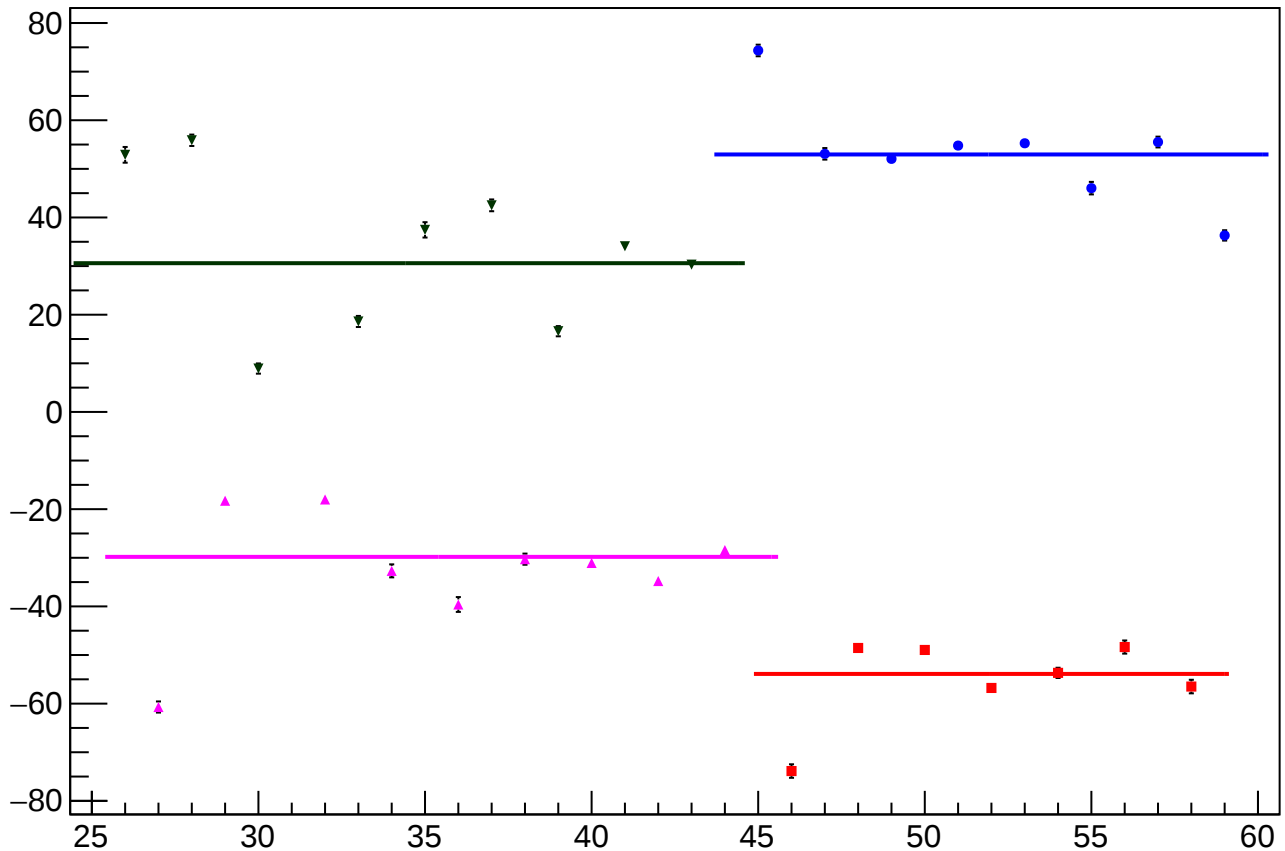
Left Out: -291.489 ± 0.156 $\chi^2/\text{NDF}: 12241.2/8$

Right Out: 313.561 ± 0.205 $\chi^2/\text{NDF}: 77716.1/6$

Left In: 297.505 ± 0.148 $\chi^2/\text{NDF}: 15085.1/8$

-10.706 ± 0.083 $\chi^2/\text{NDF}: 13315771.2/32$

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 52.961+/-0.337 χ^2/NDF : 610.6/7

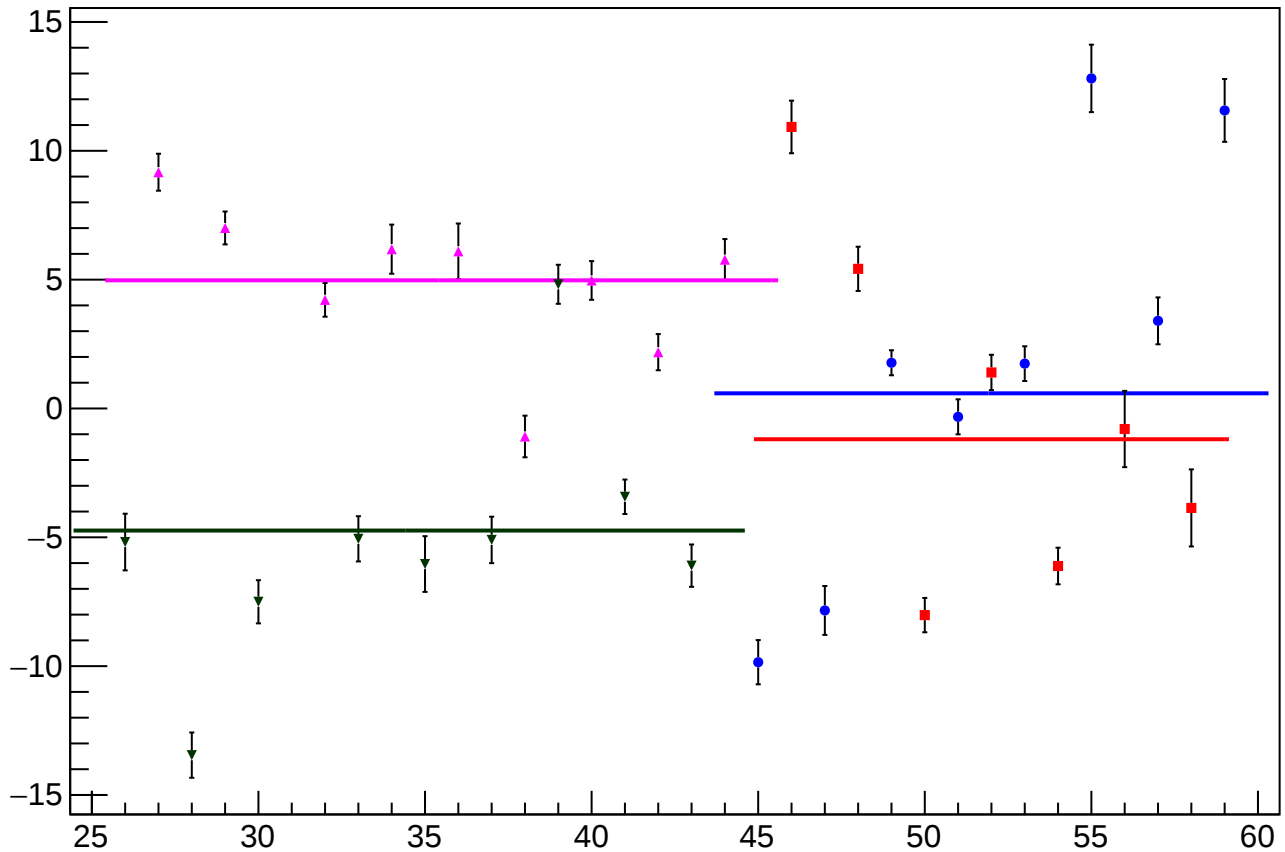
Left Out: 30.597+/-0.381 χ^2/NDF : 1496.6/8

Right Out: -53.889+/-0.416 χ^2/NDF : 294.6/6

Left In: -29.811+/-0.343 χ^2/NDF : 1208.1/8

3.752+/-0.183 χ^2/NDF : 58593.8/32

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: 0.588 ± 0.272 $\chi^2/\text{NDF}: 415.3/7$

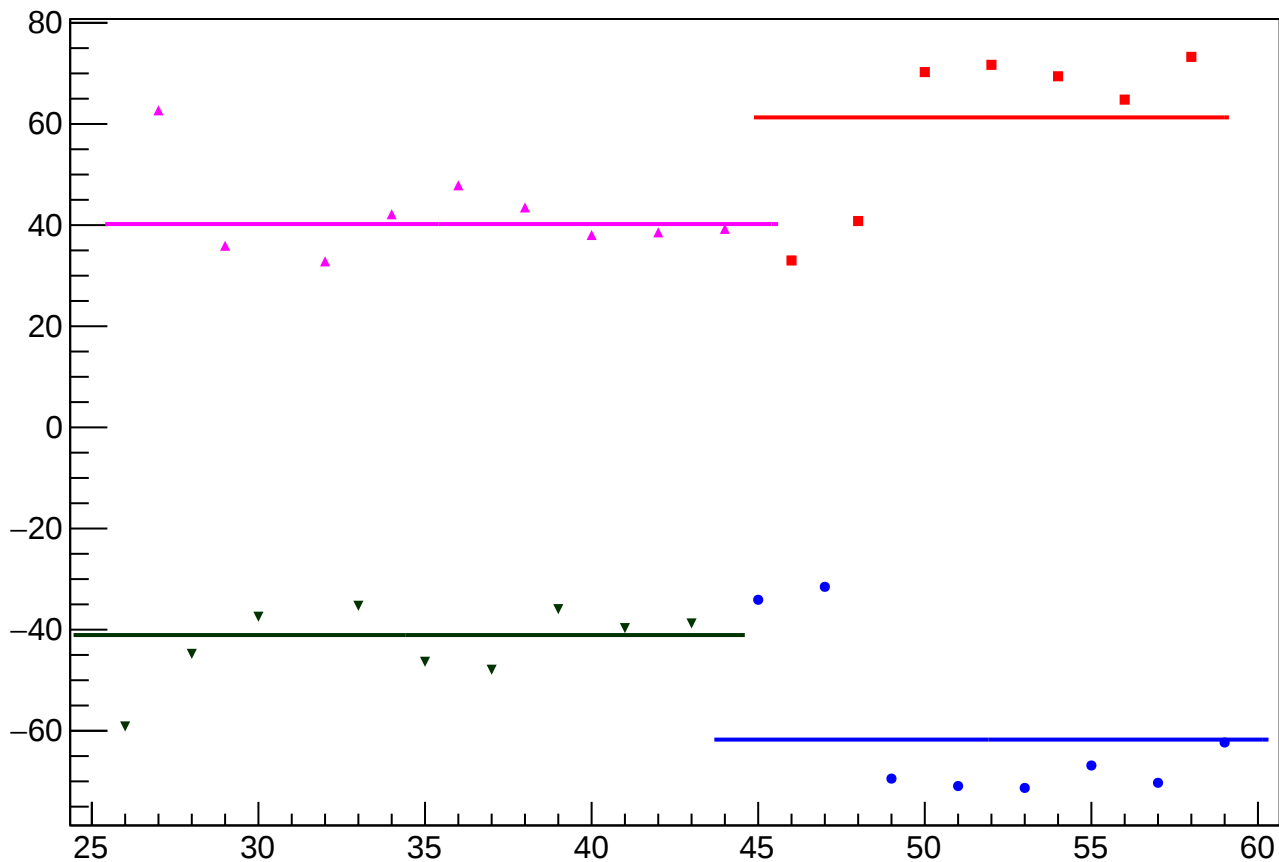
Left Out: -4.737 ± 0.284 $\chi^2/\text{NDF}: 276.8/8$

Right Out: -1.193 ± 0.323 $\chi^2/\text{NDF}: 370.5/6$

Left In: 4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

0.301 ± 0.140 $\chi^2/\text{NDF}: 1861.4/32$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -61.740 $\pm$ 0.061 χ^2 /NDF: 56666.7/7

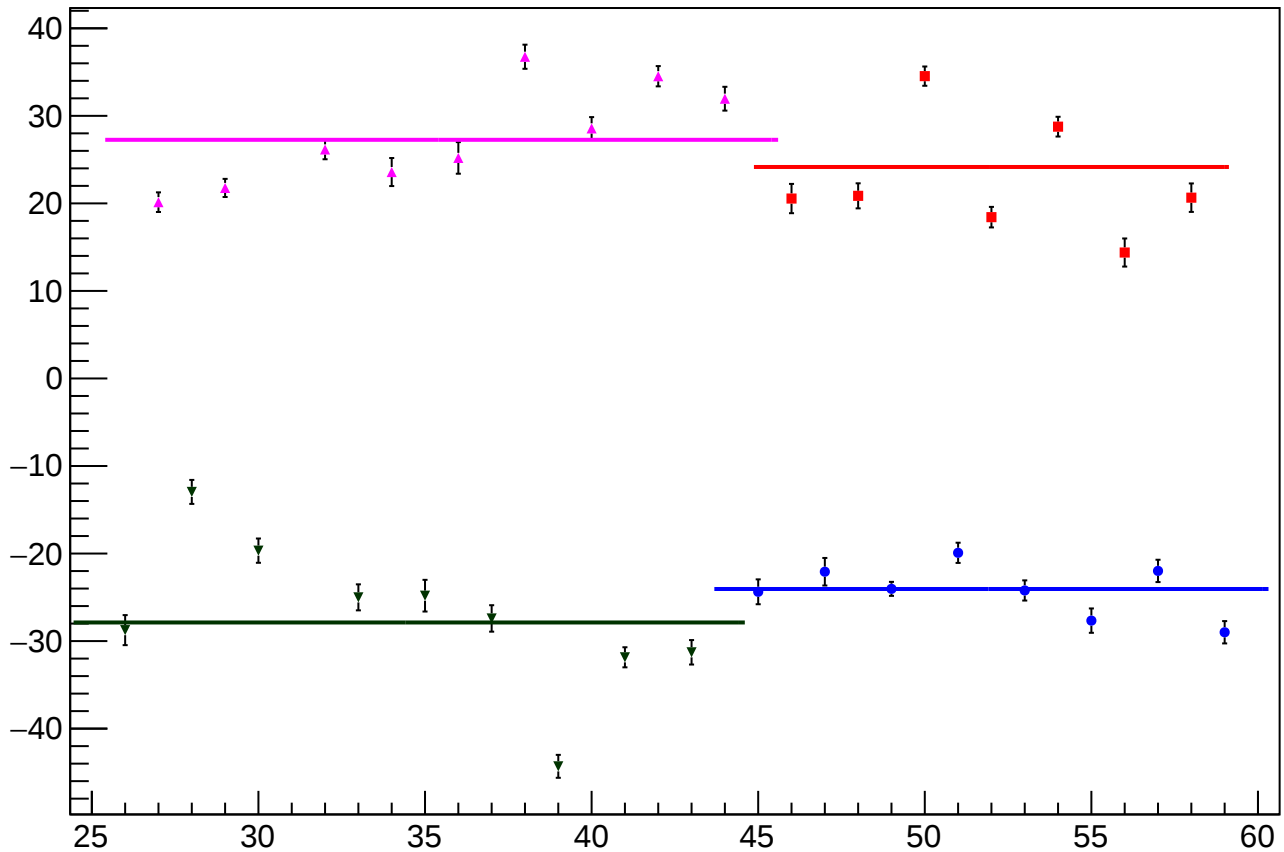
Left Out: -41.066 $\pm$ 0.063 χ^2 /NDF: 9369.8/8

Right Out: 61.301 $\pm$ 0.072 χ^2 /NDF: 41878.5/6

Left In: 40.210 $\pm$ 0.058 χ^2 /NDF: 18072.5/8

-3.077 $\pm$ 0.032 χ^2 /NDF: 2735804.0/32

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.050 ± 0.418 χ^2/NDF : 38.9/7

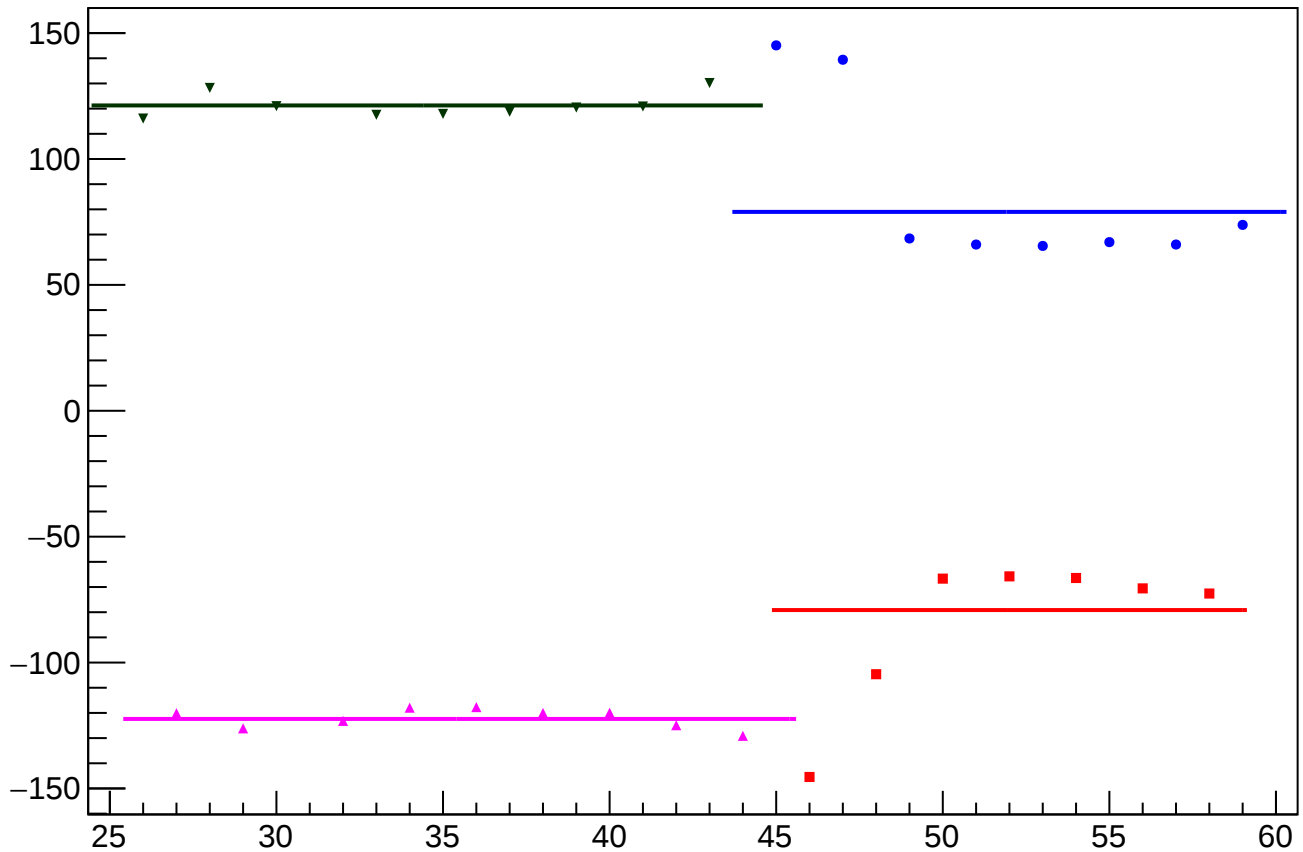
Left Out: -27.875 ± 0.474 χ^2/NDF : 335.8/8

-0.625 ± 0.225 χ^2/NDF : 13973.1/32

Right Out: 24.159 ± 0.503 χ^2/NDF : 181.1/6

Left In: 27.262 ± 0.421 χ^2/NDF : 175.8/8

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 78.993+/-0.080 χ^2/NDF : 111070.2/7

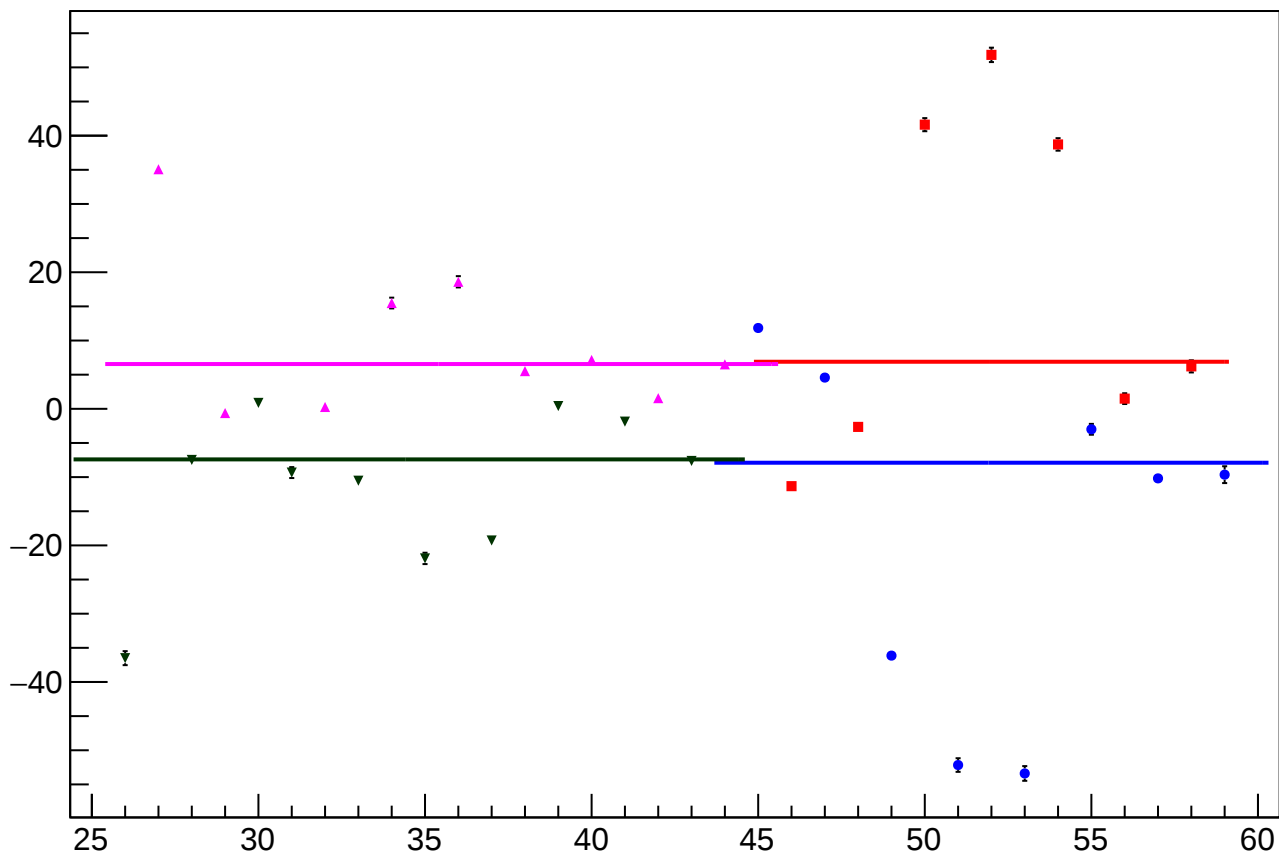
Left Out: 121.269+/-0.087 χ^2/NDF : 2757.8/8

5.956+/-0.043 χ^2/NDF : 5791029.0/32

Right Out: -79.144+/-0.093 χ^2/NDF : 63498.9/6

Left In: -122.391+/-0.087 χ^2/NDF : 1757.6/8

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -7.893 ± 0.231 χ^2/NDF : 8622.2/7

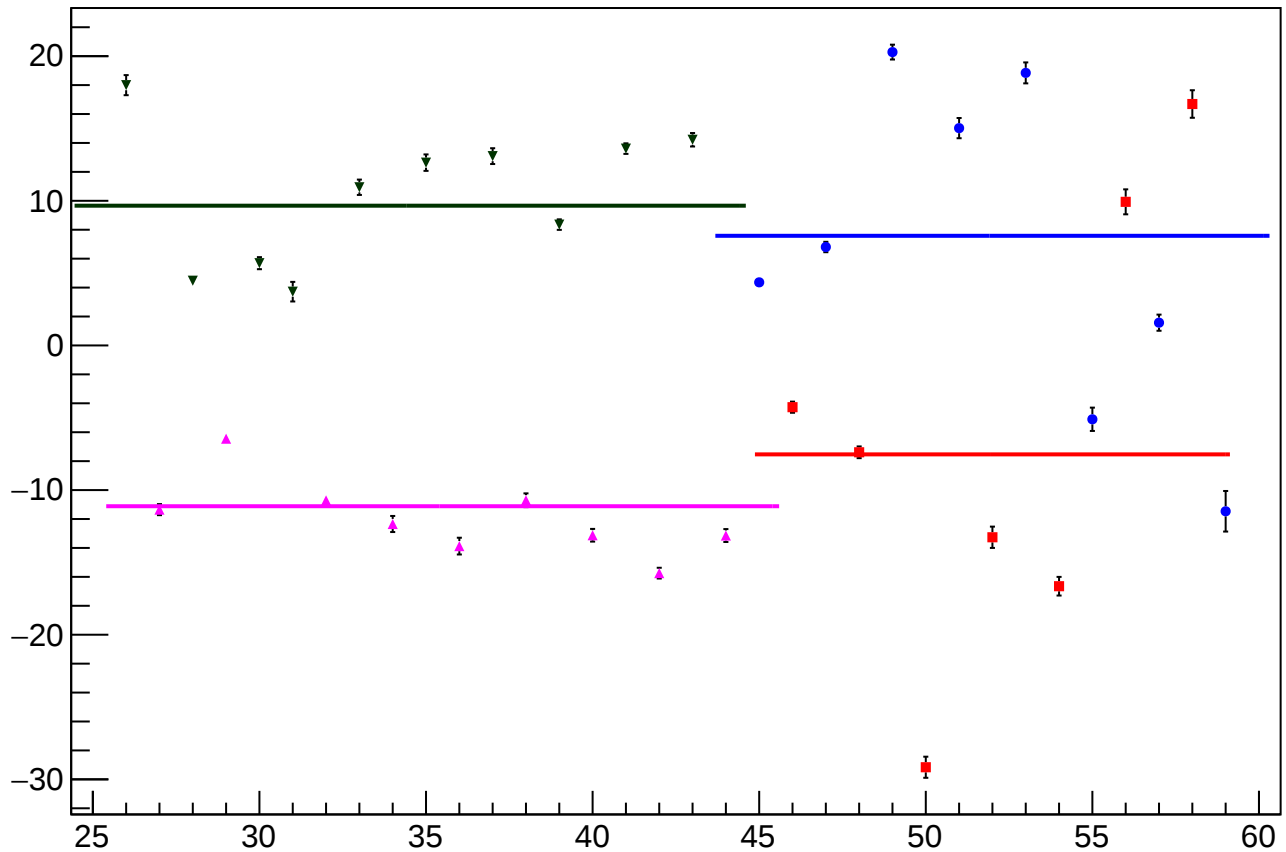
Left Out: -7.406 ± 0.192 χ^2/NDF : 1994.4/9

Right Out: 6.894 ± 0.268 χ^2/NDF : 5972.9/6

Left In: 6.558 ± 0.179 χ^2/NDF : 3282.1/8

-0.529 ± 0.105 χ^2/NDF : 24507.7/33

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 7.581 ± 0.182 $\chi^2/\text{NDF}: 1618.5/7$

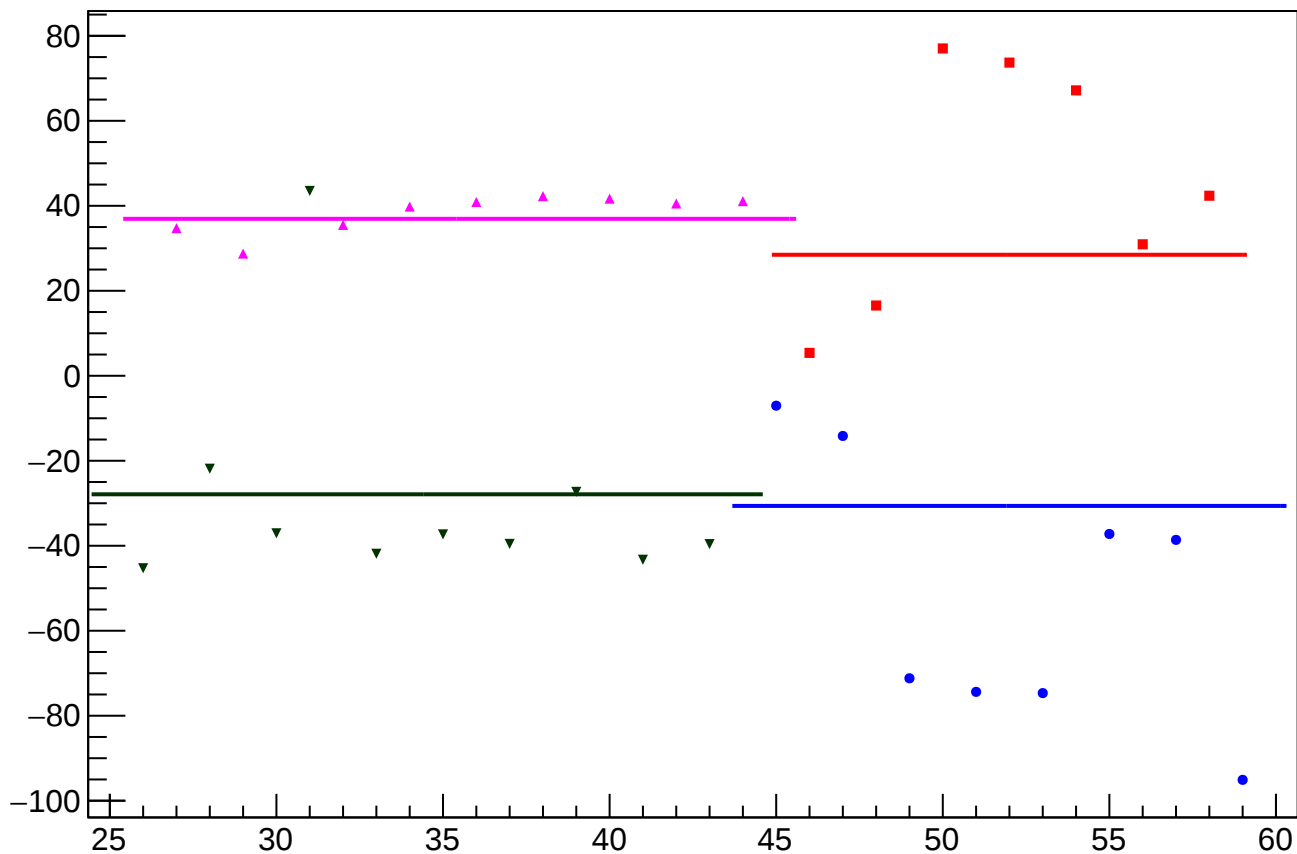
Left Out: 9.662 ± 0.143 $\chi^2/\text{NDF}: 856.3/9$

-0.610 ± 0.080 $\chi^2/\text{NDF}: 19780.7/33$

Right Out: -7.531 ± 0.216 $\chi^2/\text{NDF}: 2267.8/6$

Left In: -11.116 ± 0.132 $\chi^2/\text{NDF}: 518.9/8$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -30.625 ± 0.040 $\chi^2/\text{NDF}: 464703.9/7$

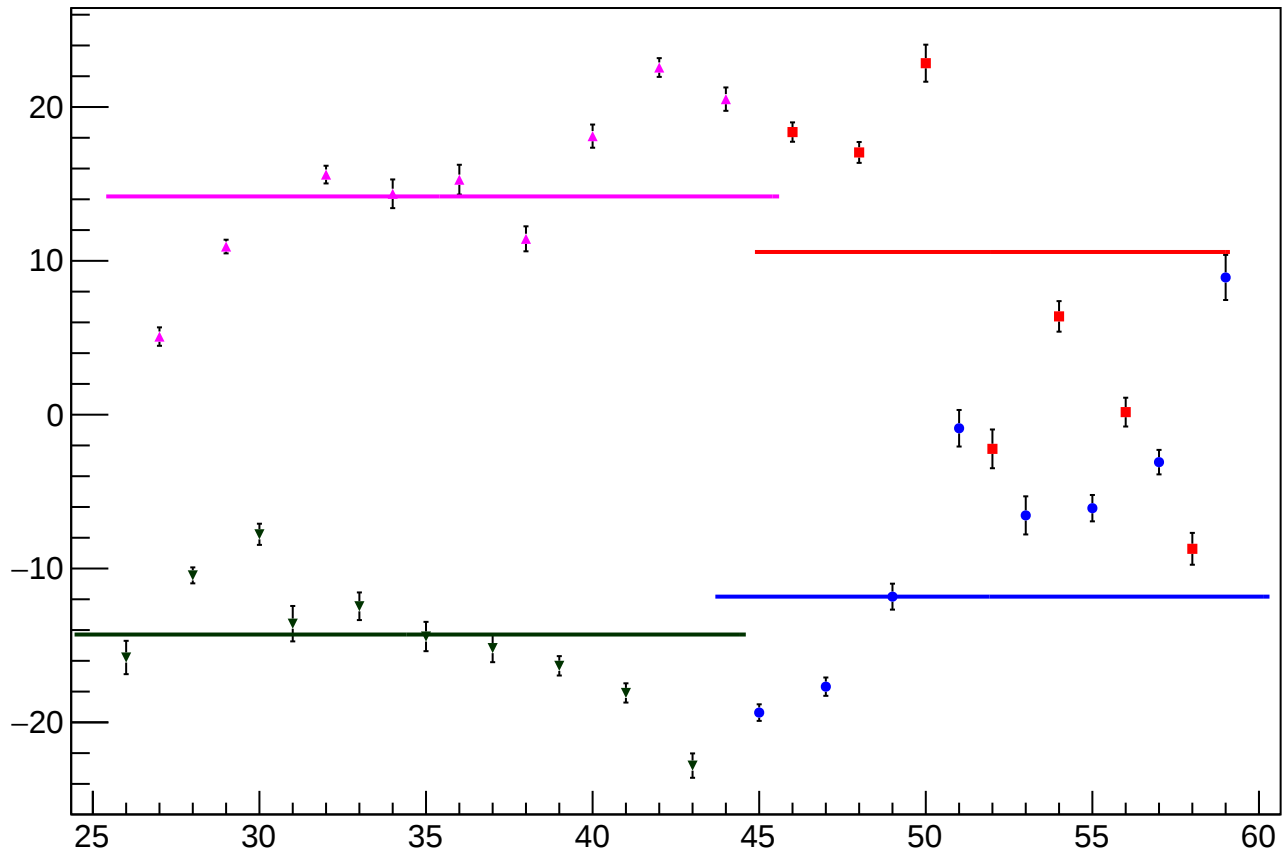
Left Out: -27.892 ± 0.032 $\chi^2/\text{NDF}: 549678.9/9$

Right Out: 28.479 ± 0.045 $\chi^2/\text{NDF}: 311422.7/6$

Left In: 36.937 ± 0.031 $\chi^2/\text{NDF}: 23653.1/8$

1.905 ± 0.018 $\chi^2/\text{NDF}: 4544080.9/33$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -11.827 ± 0.284 χ^2/NDF : 761.7/7

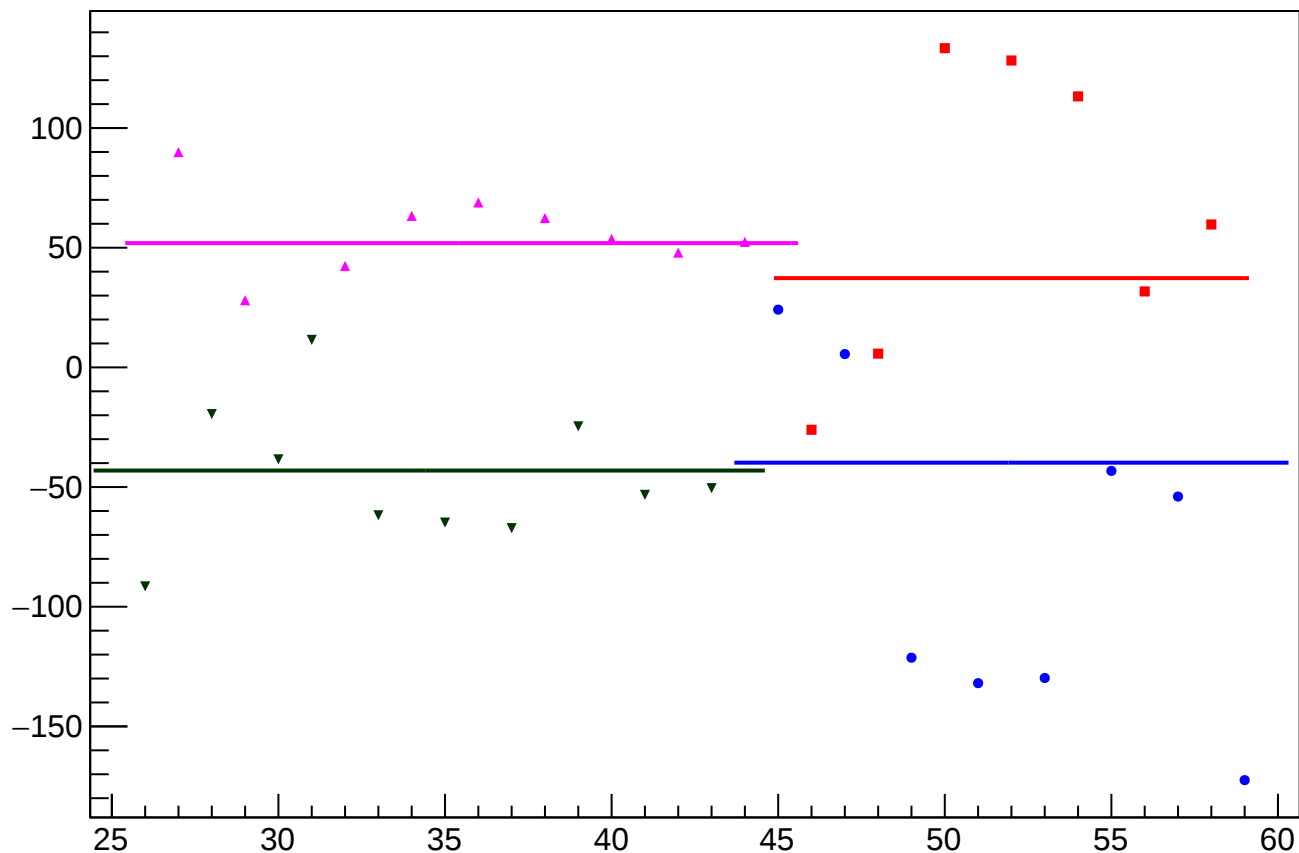
Left Out: -14.291 ± 0.238 χ^2/NDF : 314.9/9

Right Out: 10.576 ± 0.331 χ^2/NDF : 940.1/6

Left In: 14.187 ± 0.219 χ^2/NDF : 589.2/8

-0.129 ± 0.129 χ^2/NDF : 13150.1/33

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -39.806 ± 0.055 $\chi^2/\text{NDF}: 1308354.8/7$

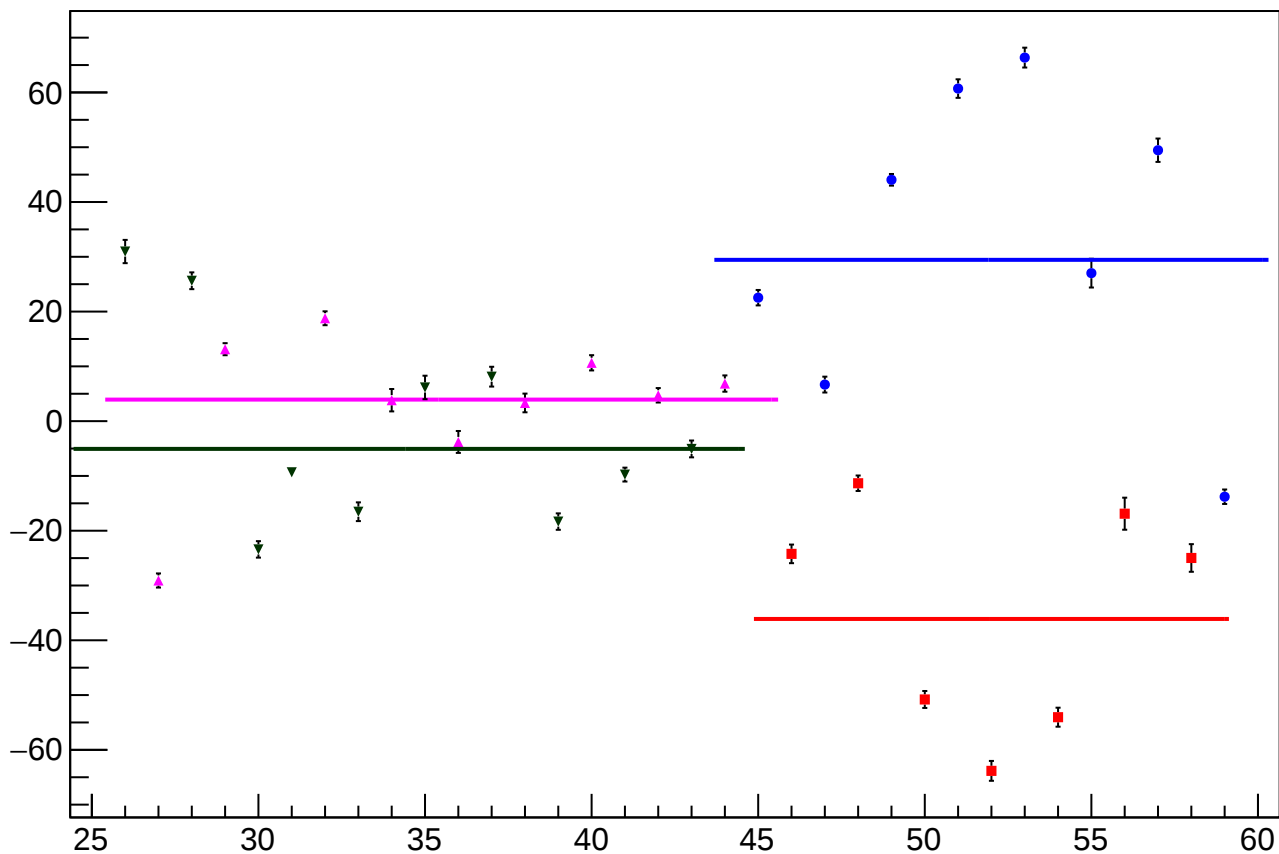
Left Out: -43.100 ± 0.044 $\chi^2/\text{NDF}: 296352.7/9$

Right Out: 37.295 ± 0.063 $\chi^2/\text{NDF}: 825660.5/6$

Left In: 51.929 ± 0.046 $\chi^2/\text{NDF}: 149071.1/8$

-0.611 ± 0.025 $\chi^2/\text{NDF}: 5695508.3/33$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 29.445 ± 0.538 χ^2/NDF : 2379.1/7

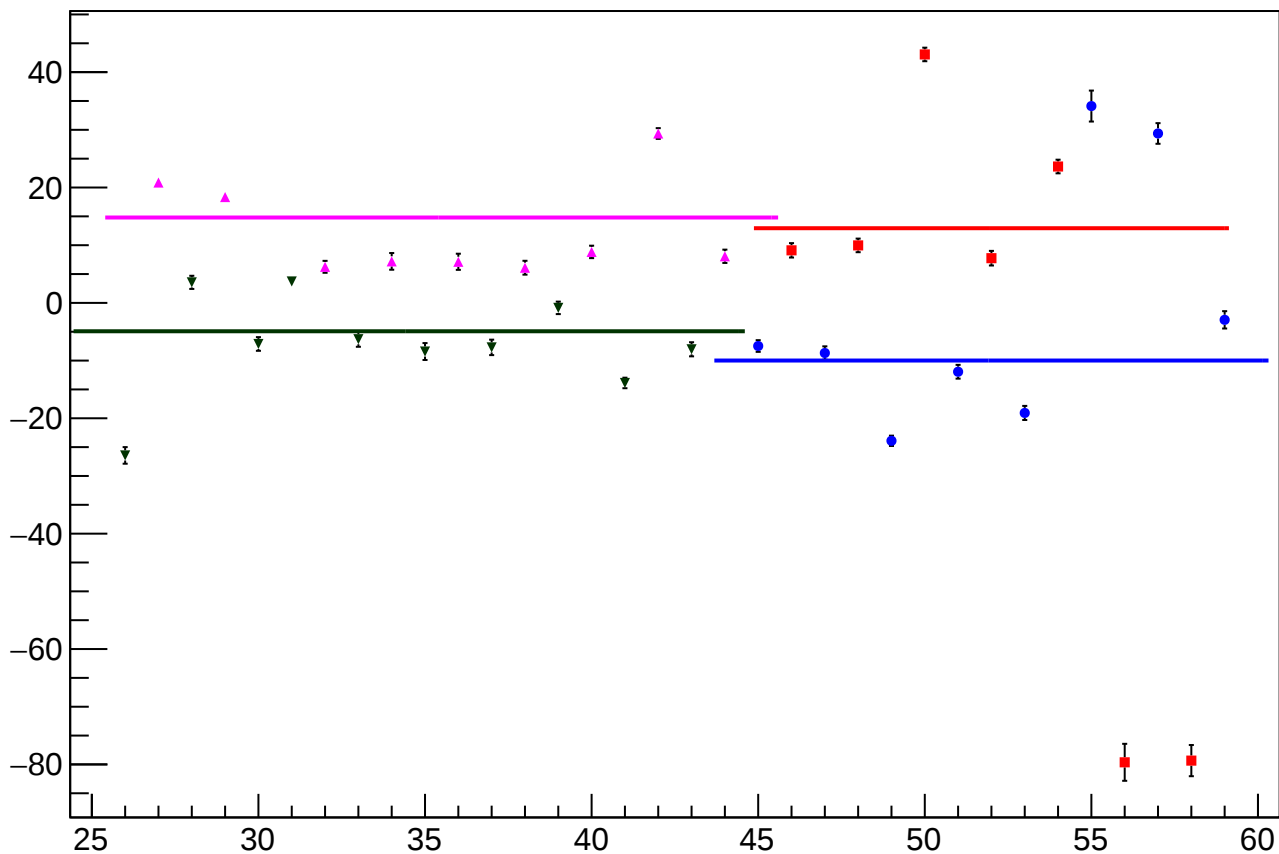
Left Out: -5.063 ± 0.447 χ^2/NDF : 1084.1/9

Right Out: -36.106 ± 0.678 χ^2/NDF : 849.8/6

Left In: 3.935 ± 0.475 χ^2/NDF : 906.7/8

1.020 ± 0.258 χ^2/NDF : 11237.8/33

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -9.990 ± 0.436 $\chi^2/\text{NDF}: 1085.7/7$

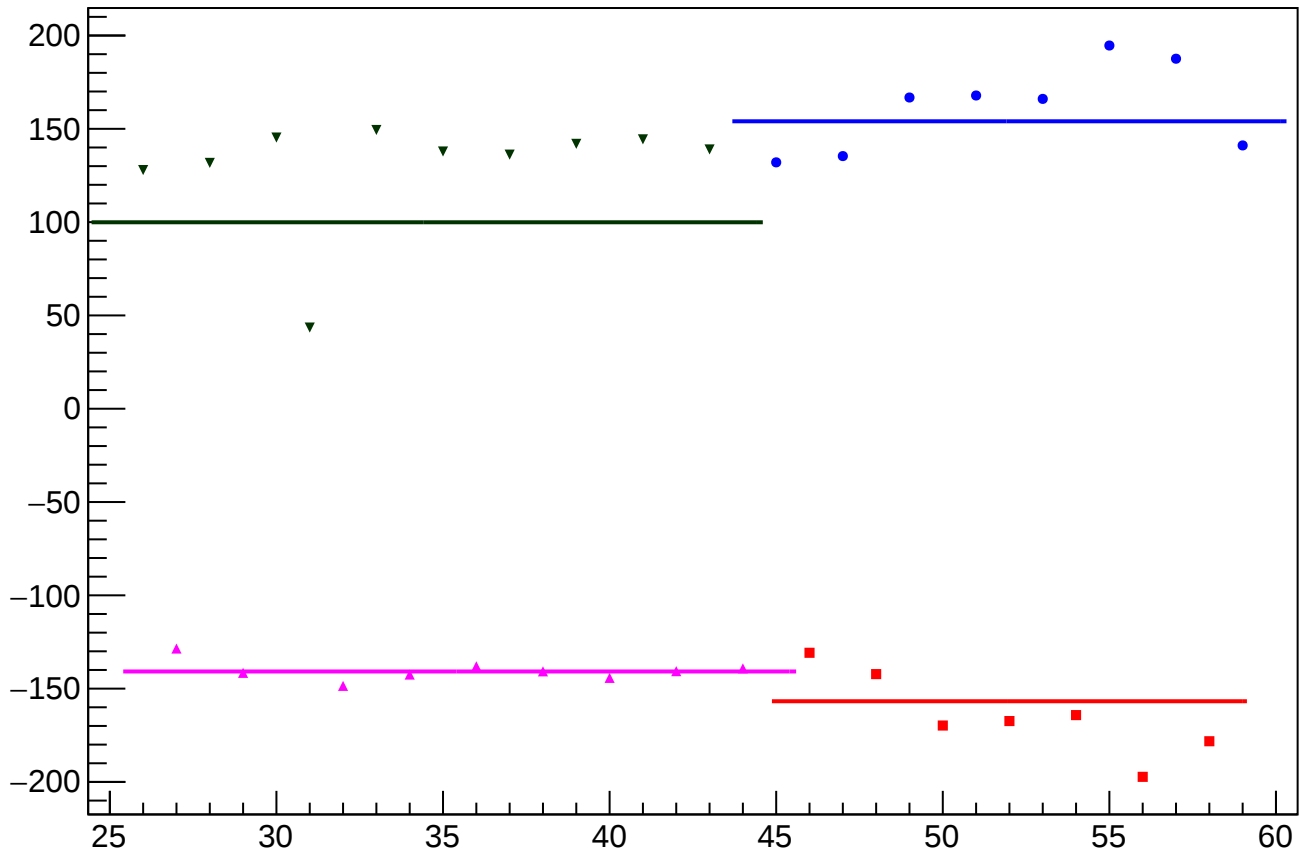
Left Out: -4.917 ± 0.344 $\chi^2/\text{NDF}: 572.7/9$

Right Out: 12.945 ± 0.523 $\chi^2/\text{NDF}: 2772.1/6$

Left In: 14.801 ± 0.344 $\chi^2/\text{NDF}: 564.9/8$

3.026 ± 0.197 $\chi^2/\text{NDF}: 7947.8/33$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 154.038 $\pm$ 0.096 χ^2 /NDF: 41485.2/7

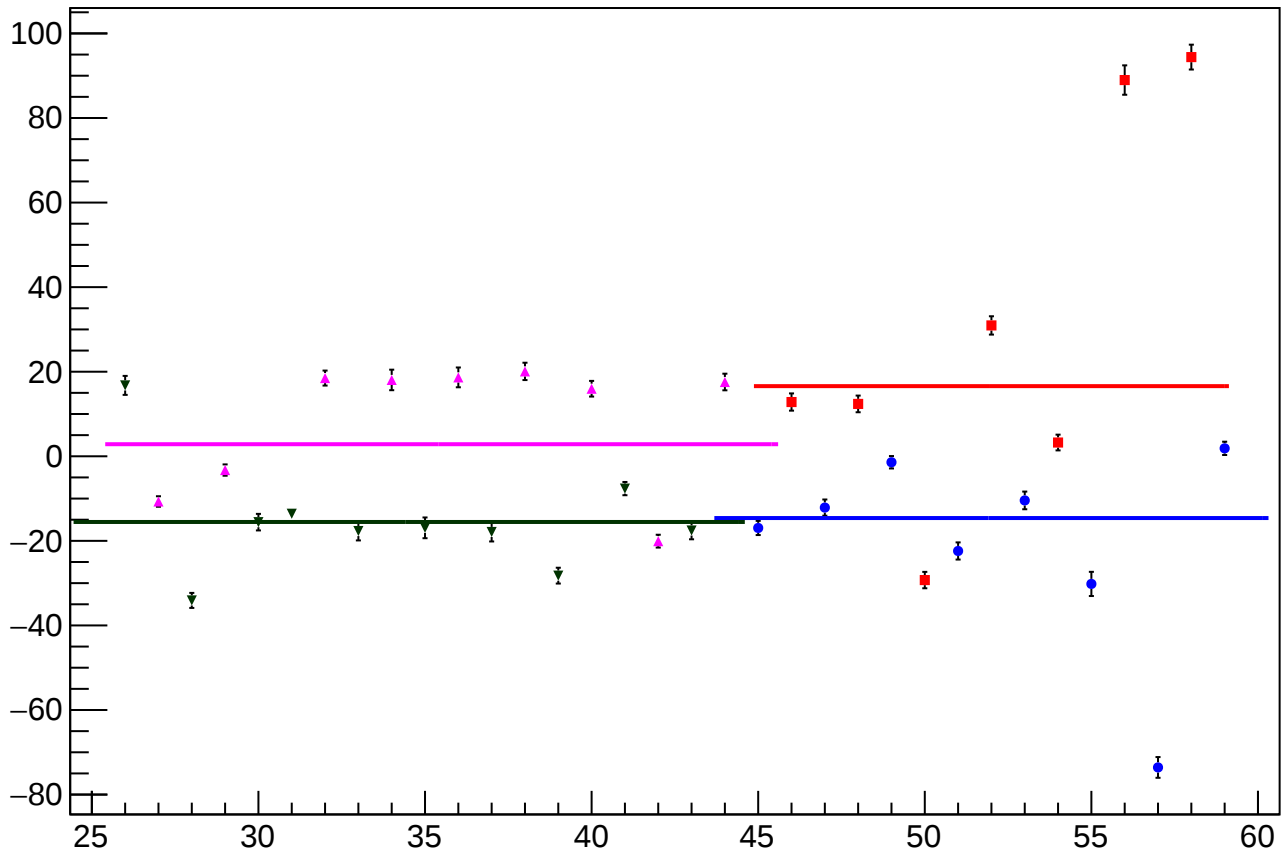
Left Out: 99.920 $\pm$ 0.069 χ^2 /NDF: 483835.4/9

9.668 $\pm$ 0.043 χ^2 /NDF: 9929543.6/33

Right Out: -156.762 $\pm$ 0.116 χ^2 /NDF: 26073.7/6

Left In: -140.804 $\pm$ 0.082 χ^2 /NDF: 4715.7/8

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.605 ± 0.665 $\chi^2/\text{NDF}: 821.3/7$

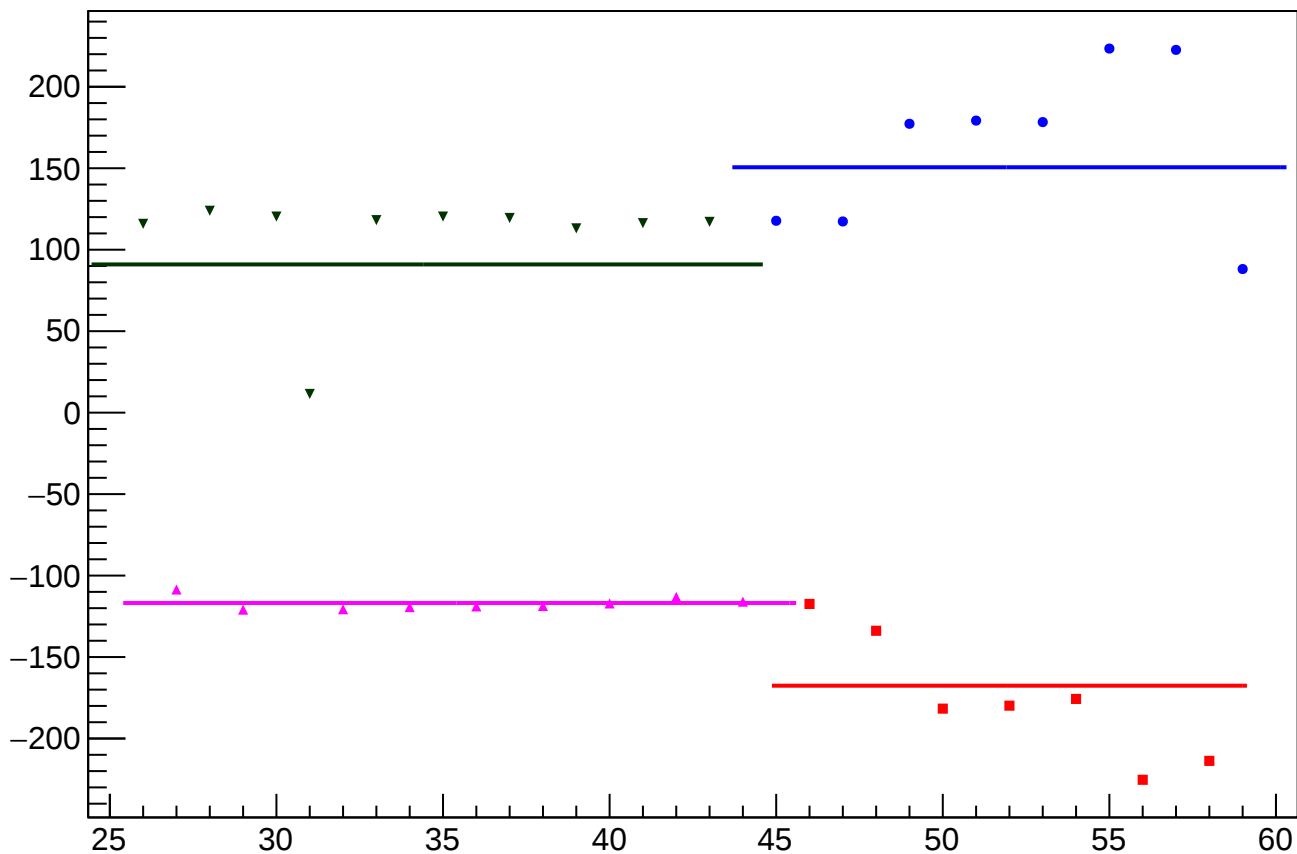
Left Out: -15.534 ± 0.575 $\chi^2/\text{NDF}: 393.8/9$

Right Out: 16.588 ± 0.826 $\chi^2/\text{NDF}: 1798.3/6$

Left In: 2.855 ± 0.568 $\chi^2/\text{NDF}: 707.5/8$

-4.752 ± 0.319 $\chi^2/\text{NDF}: 5137.9/33$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 150.596 $\pm$ 0.128 χ^2/NDF : 120836.0/7

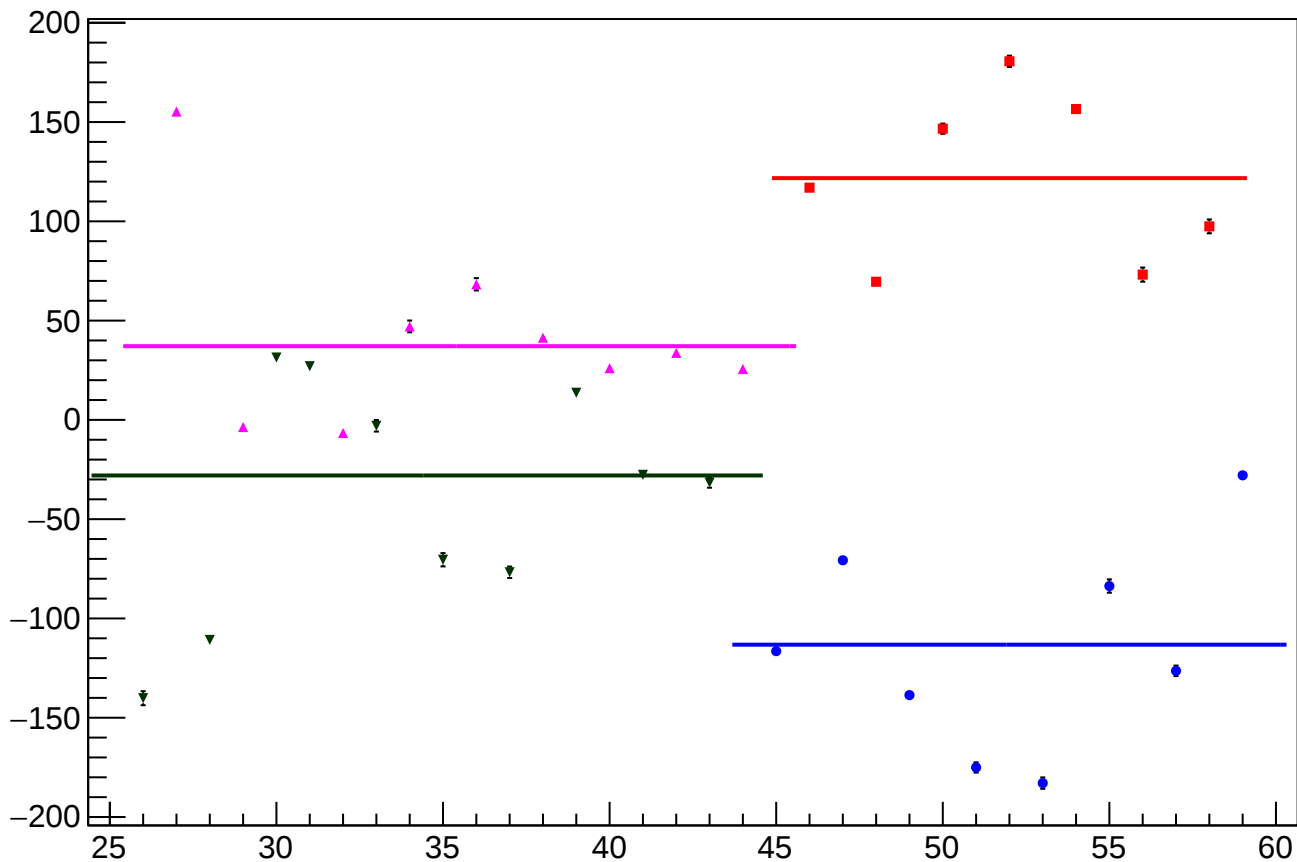
Left Out: 90.964 $\pm$ 0.105 χ^2/NDF : 199649.1/9

9.268 $\pm$ 0.062 χ^2/NDF : 4584922.2/33

Right Out: -167.583 $\pm$ 0.156 χ^2/NDF : 43788.3/6

Left In: -116.827 $\pm$ 0.120 χ^2/NDF : 1139.4/8

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -113.209 ± 0.812 $\chi^2/\text{NDF}: 3422.6/7$

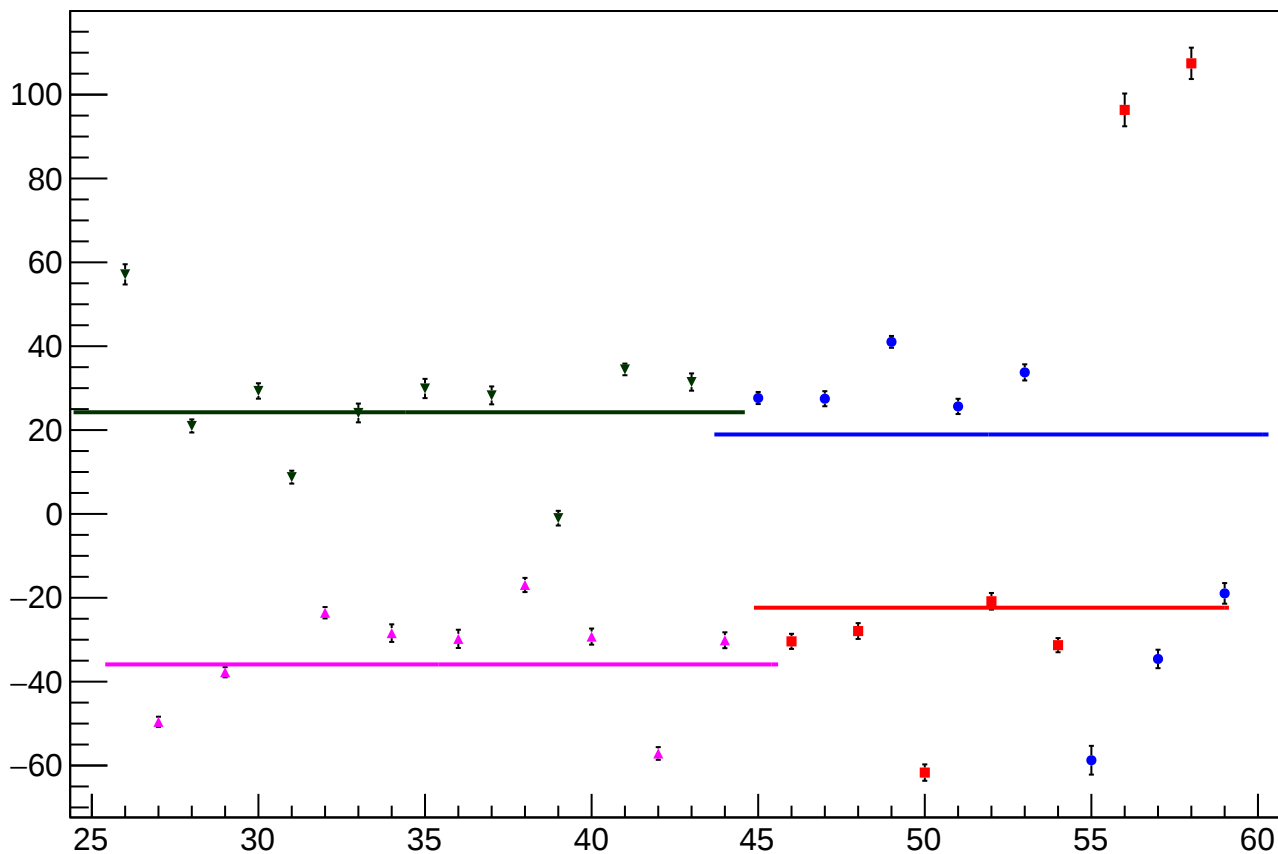
Left Out: -27.991 ± 0.766 $\chi^2/\text{NDF}: 4906.9/9$

Right Out: 121.756 ± 1.019 $\chi^2/\text{NDF}: 1494.2/6$

Left In: 37.121 ± 0.714 $\chi^2/\text{NDF}: 5219.8/8$

-4.780 ± 0.403 $\chi^2/\text{NDF}: 52661.5/33$

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 18.950+/-0.657 χ^2 /NDF: 1716.6/7

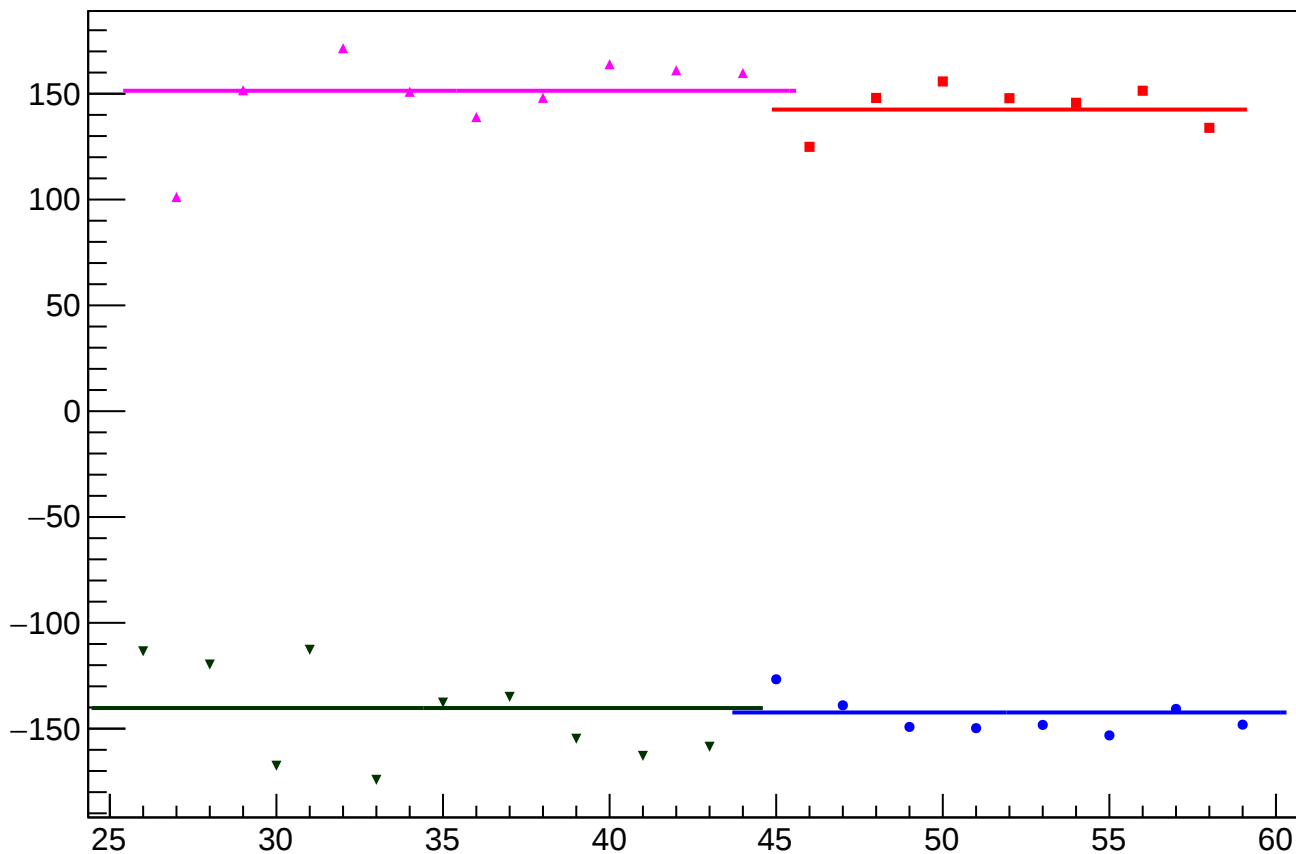
Left Out: 24.247+/-0.579 χ^2 /NDF: 582.0/9

Right Out: -22.364+/-0.793 χ^2 /NDF: 2587.9/6

Left In: -35.888+/-0.522 χ^2 /NDF: 574.5/8

-4.843+/-0.308 χ^2 /NDF: 13330.4/33

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -142.354+/-0.144 χ^2/NDF : 3859.2/7

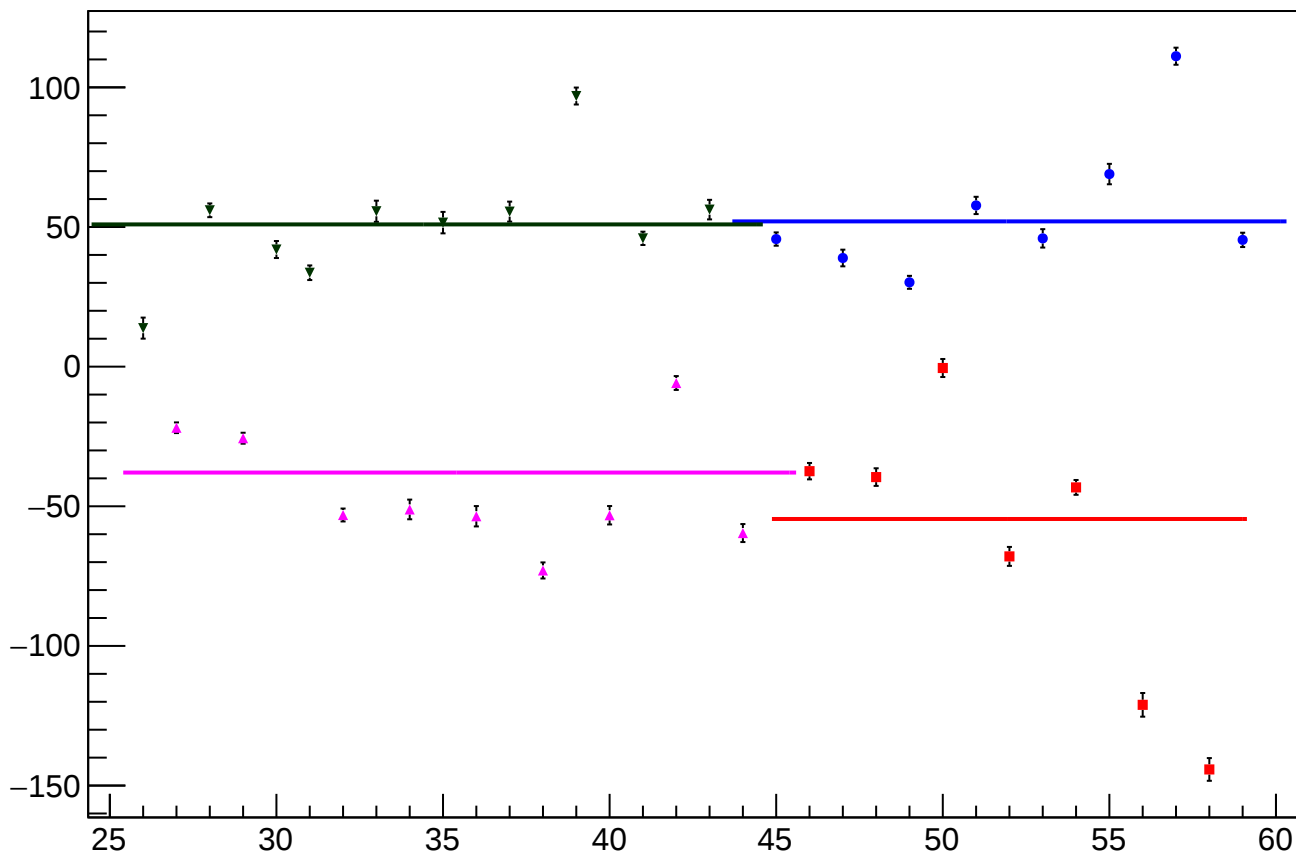
Left Out: -140.257+/-0.122 χ^2/NDF : 36380.6/9

Right Out: 142.520+/-0.173 χ^2/NDF : 3770.0/6

Left In: 151.403+/-0.122 χ^2/NDF : 30317.9/8

-5.964+/-0.068 χ^2/NDF : 4573463.2/33

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 52.011+/-0.998 χ^2/NDF : 523.9/7

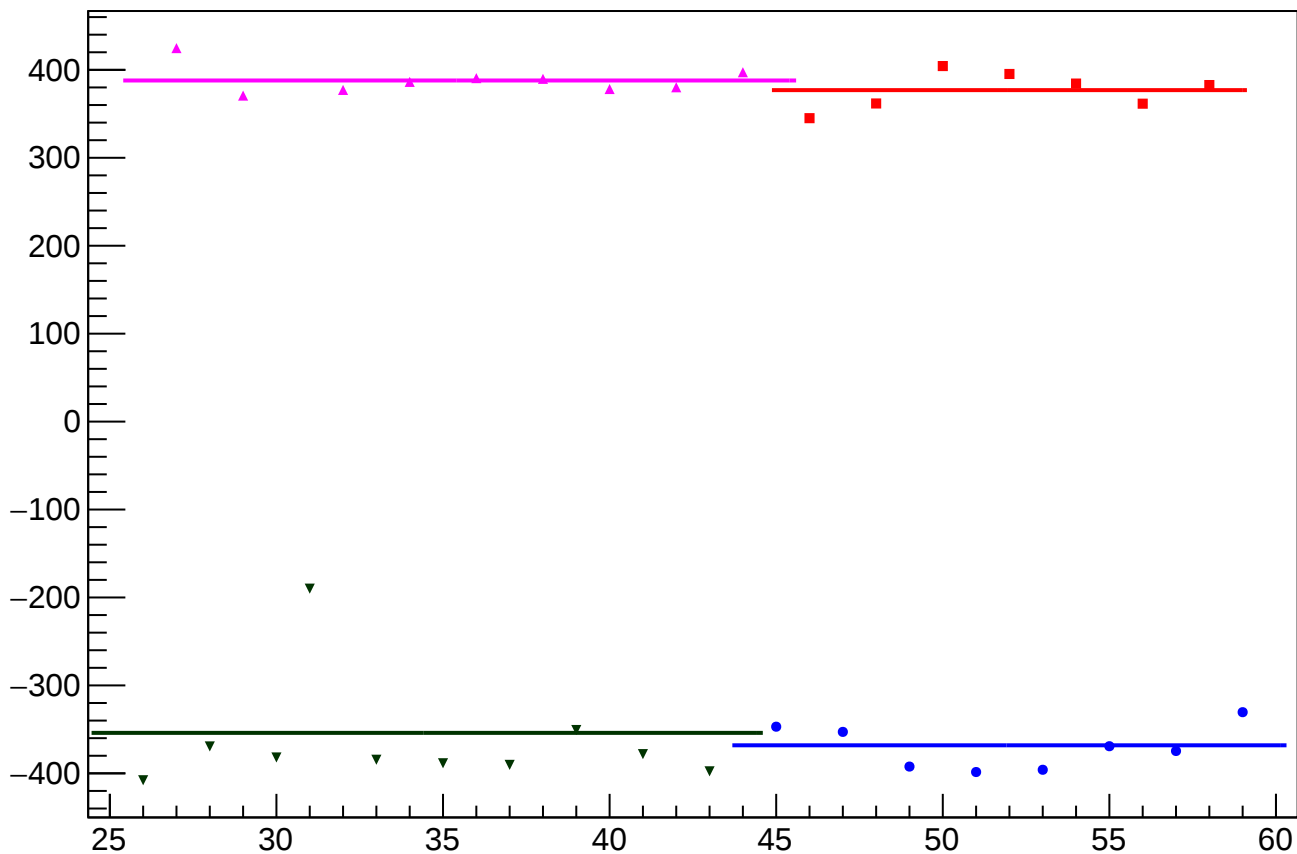
Left Out: 50.929+/-0.966 χ^2/NDF : 393.0/9

4.832+/-0.495 χ^2/NDF : 11882.9/33

Right Out: -54.548+/-1.233 χ^2/NDF : 1103.1/6

Left In: -37.924+/-0.861 χ^2/NDF : 567.9/8

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -368.110 ± 0.193 χ^2/NDF : 16285.2/7

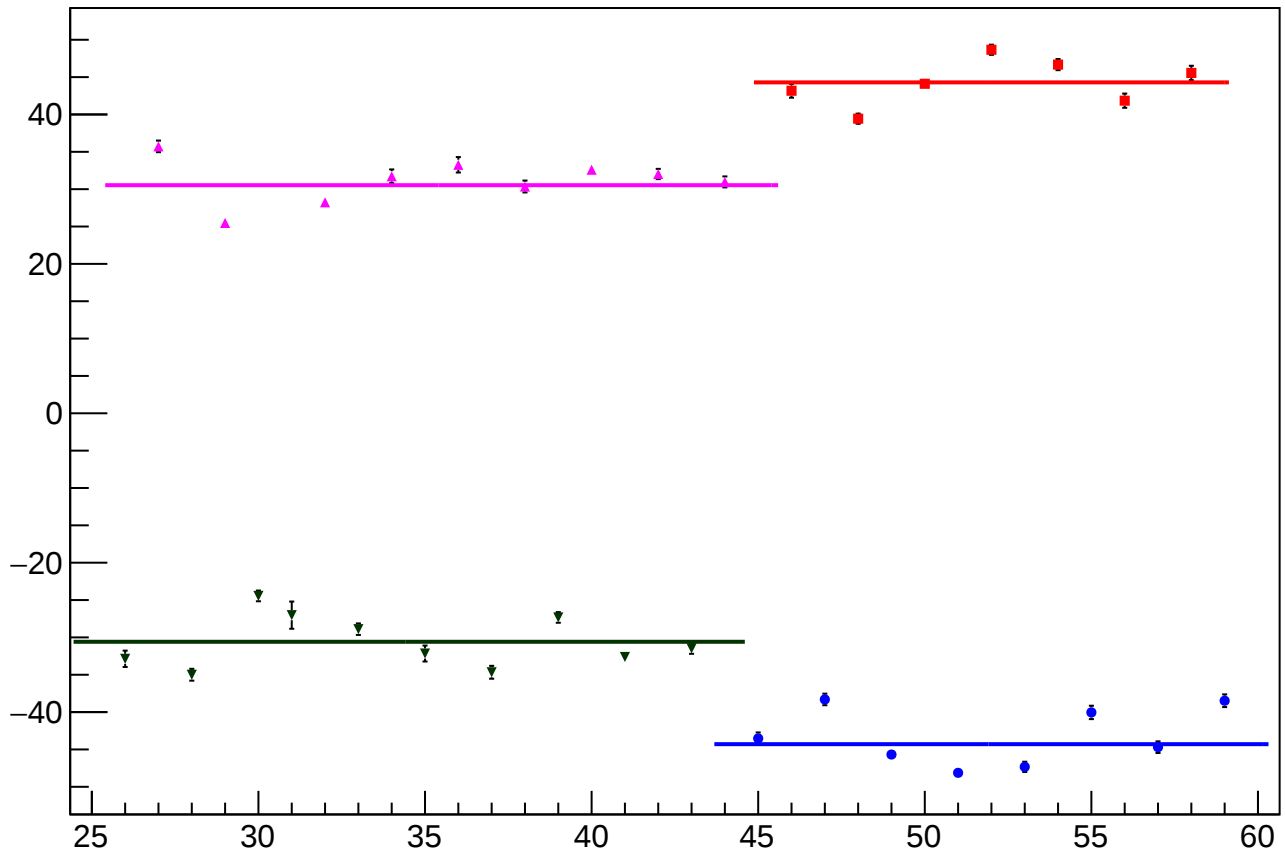
Left Out: -353.970 ± 0.179 χ^2/NDF : 148485.8/9

Right Out: 376.945 ± 0.235 χ^2/NDF : 7526.7/6

Left In: 387.911 ± 0.183 χ^2/NDF : 8311.6/8

-22.461 ± 0.097 χ^2/NDF : 14756351.4/33

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.293 ± 0.235 χ^2/NDF : 194.9/7

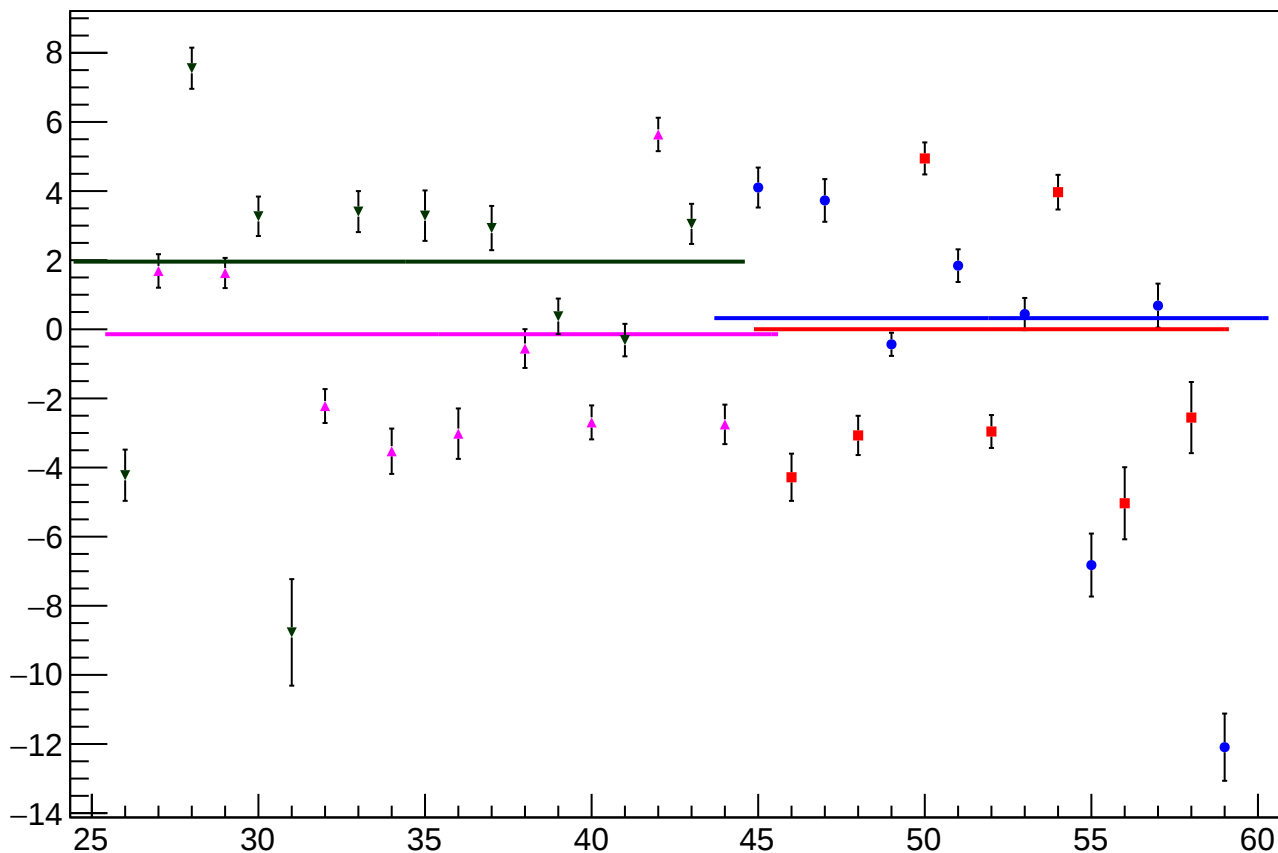
Left Out: -30.587 ± 0.260 χ^2/NDF : 173.5/9

Right Out: 44.295 ± 0.287 χ^2/NDF : 112.7/6

Left In: 30.535 ± 0.239 χ^2/NDF : 159.3/8

-2.870 ± 0.126 χ^2/NDF : 89777.7/33

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.323 ± 0.188 χ^2/NDF : 313.4/7

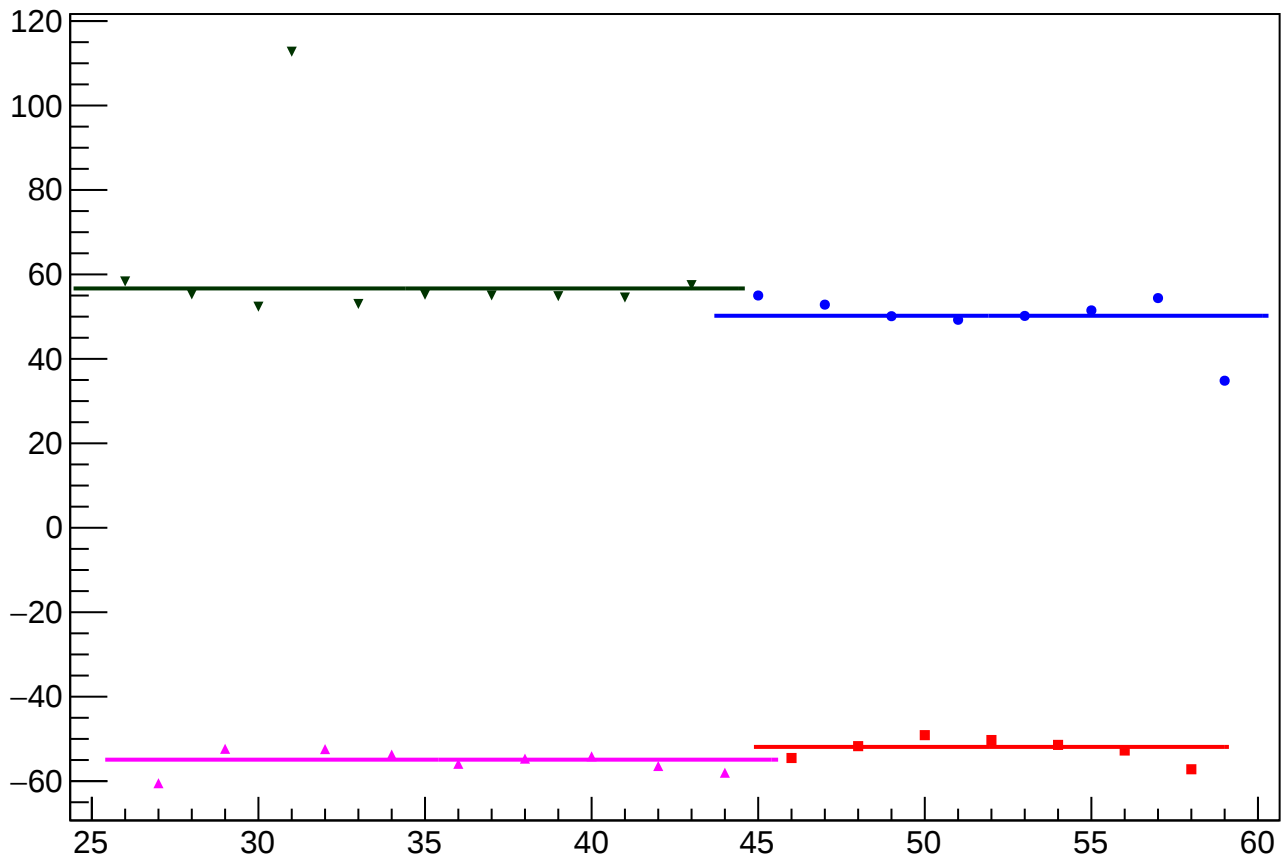
Left Out: 1.958 ± 0.194 χ^2/NDF : 259.6/9

Right Out: 0.002 ± 0.223 χ^2/NDF : 313.0/6

Left In: -0.142 ± 0.175 χ^2/NDF : 282.1/8

0.526 ± 0.096 χ^2/NDF : 1243.7/33

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 50.208+/-0.043 χ^2/NDF : 12862.7/7

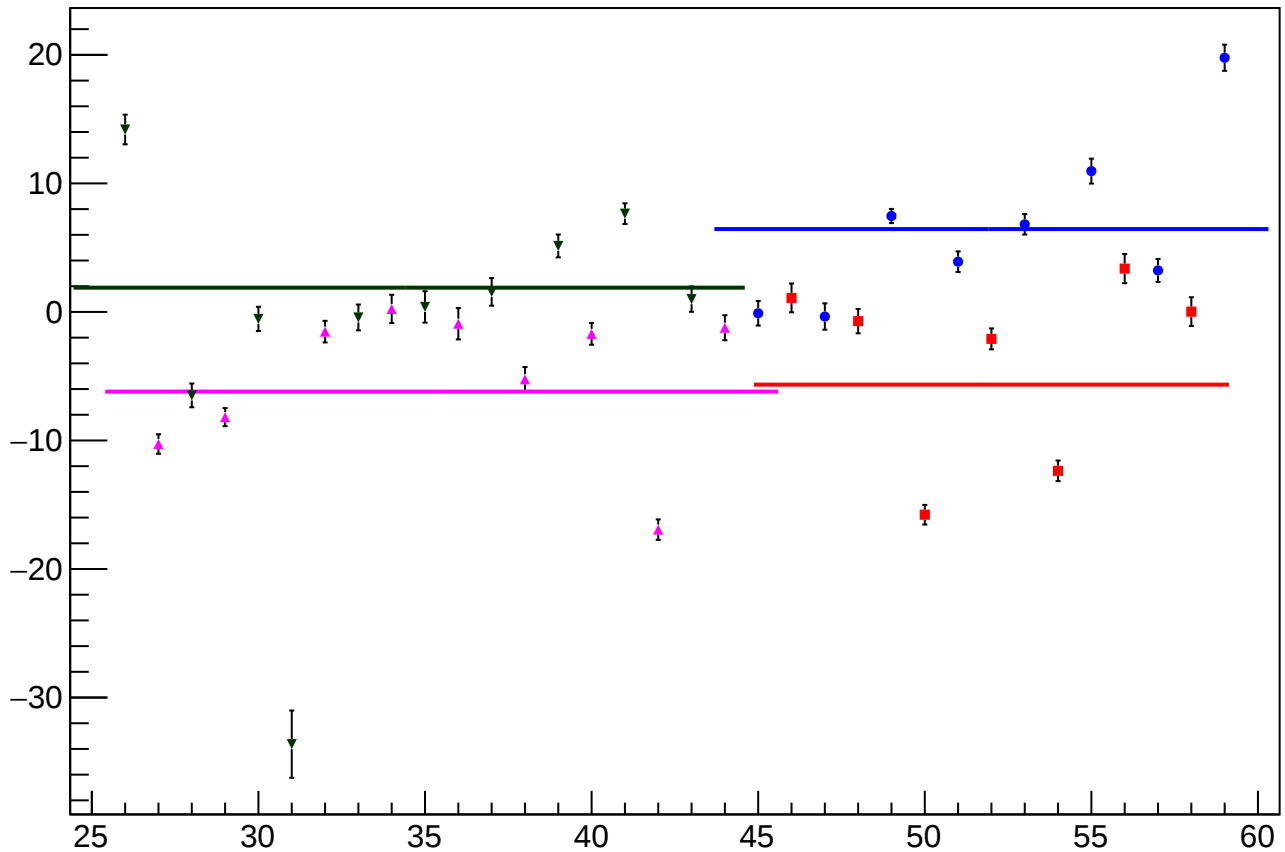
Left Out: 56.677+/-0.043 χ^2/NDF : 56330.1/9

Right Out: -51.895+/-0.050 χ^2/NDF : 2209.9/6

Left In: -54.917+/-0.041 χ^2/NDF : 3795.7/8

1.926+/-0.022 χ^2/NDF : 6062357.9/33

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 6.447 ± 0.292 $\chi^2/\text{NDF}: 310.9/7$

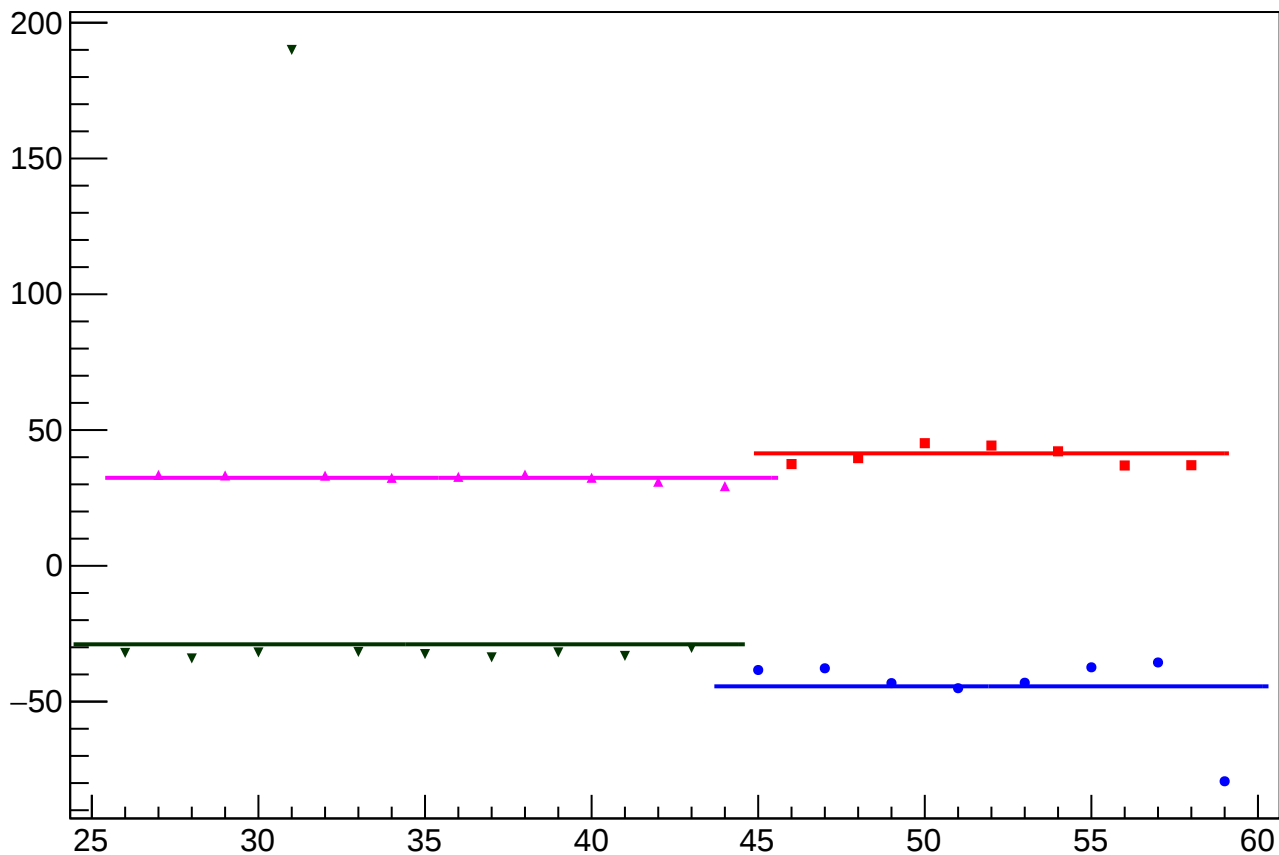
Left Out: 1.889 ± 0.324 $\chi^2/\text{NDF}: 458.6/9$

-0.633 ± 0.155 $\chi^2/\text{NDF}: 2768.5/33$

Right Out: -5.654 ± 0.348 $\chi^2/\text{NDF}: 417.8/6$

Left In: -6.198 ± 0.291 $\chi^2/\text{NDF}: 358.2/8$

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -44.380 ± 0.056 $\chi^2/\text{NDF}: 39630.2/7$

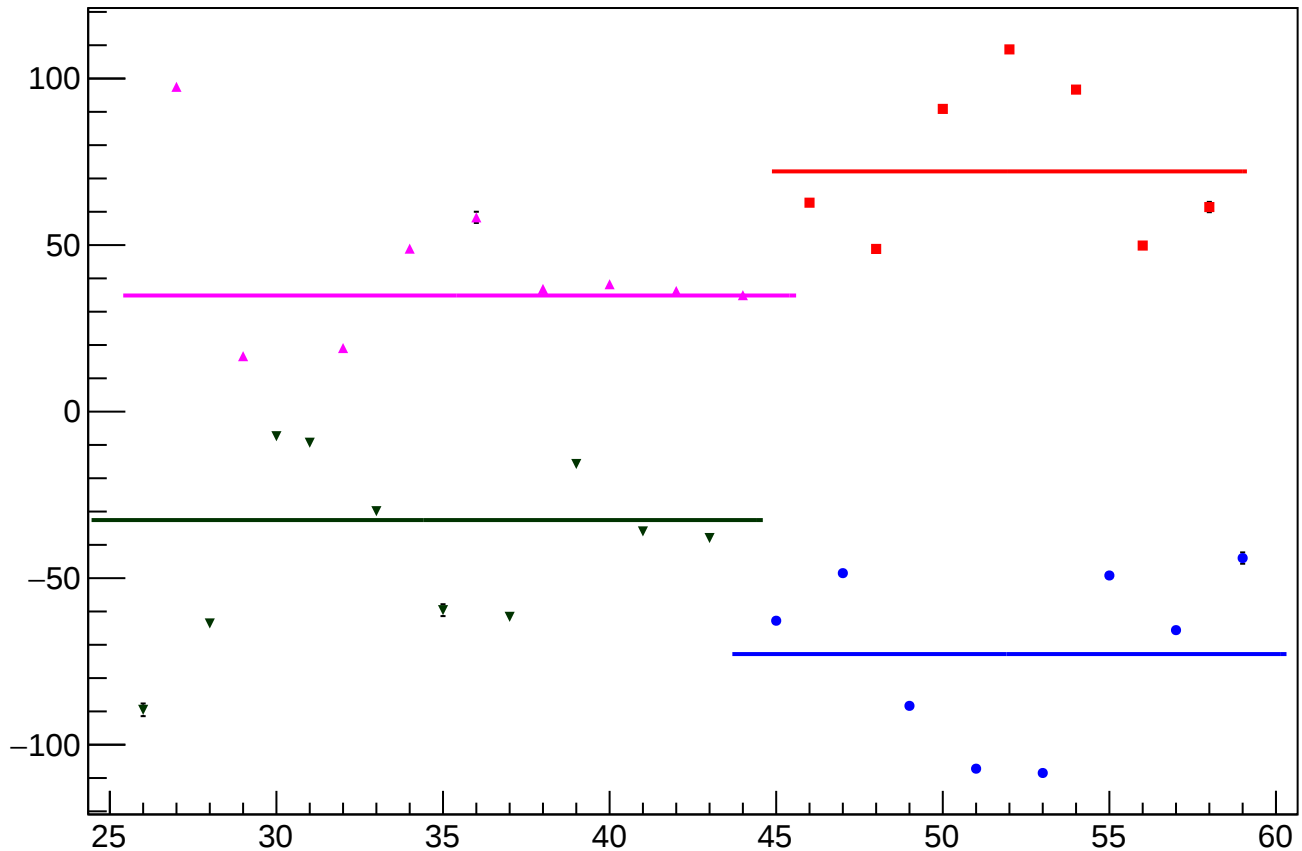
Left Out: -28.904 ± 0.059 $\chi^2/\text{NDF}: 220574.6/9$

Right Out: 41.414 ± 0.064 $\chi^2/\text{NDF}: 2576.1/6$

Left In: 32.407 ± 0.060 $\chi^2/\text{NDF}: 448.7/8$

-3.134 ± 0.030 $\chi^2/\text{NDF}: 1830354.3/33$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -72.786 ± 0.409 $\chi^2/\text{NDF}: 2867.8/7$

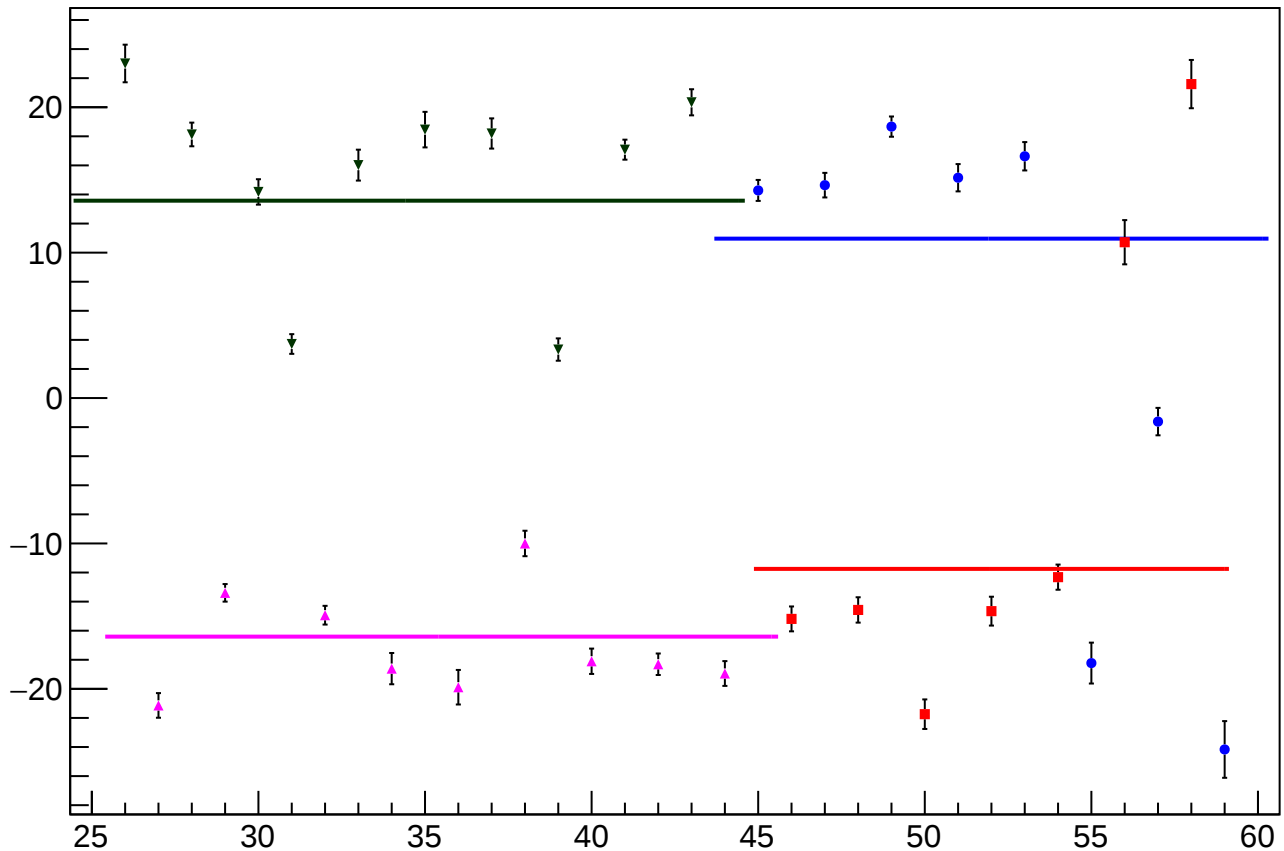
Left Out: -32.557 ± 0.362 $\chi^2/\text{NDF}: 4020.8/9$

Right Out: 72.120 ± 0.484 $\chi^2/\text{NDF}: 2108.2/6$

Left In: 34.865 ± 0.360 $\chi^2/\text{NDF}: 3392.2/8$

-4.179 ± 0.198 $\chi^2/\text{NDF}: 83295.8/33$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 10.963+/-0.325 χ^2/NDF : 1149.7/7

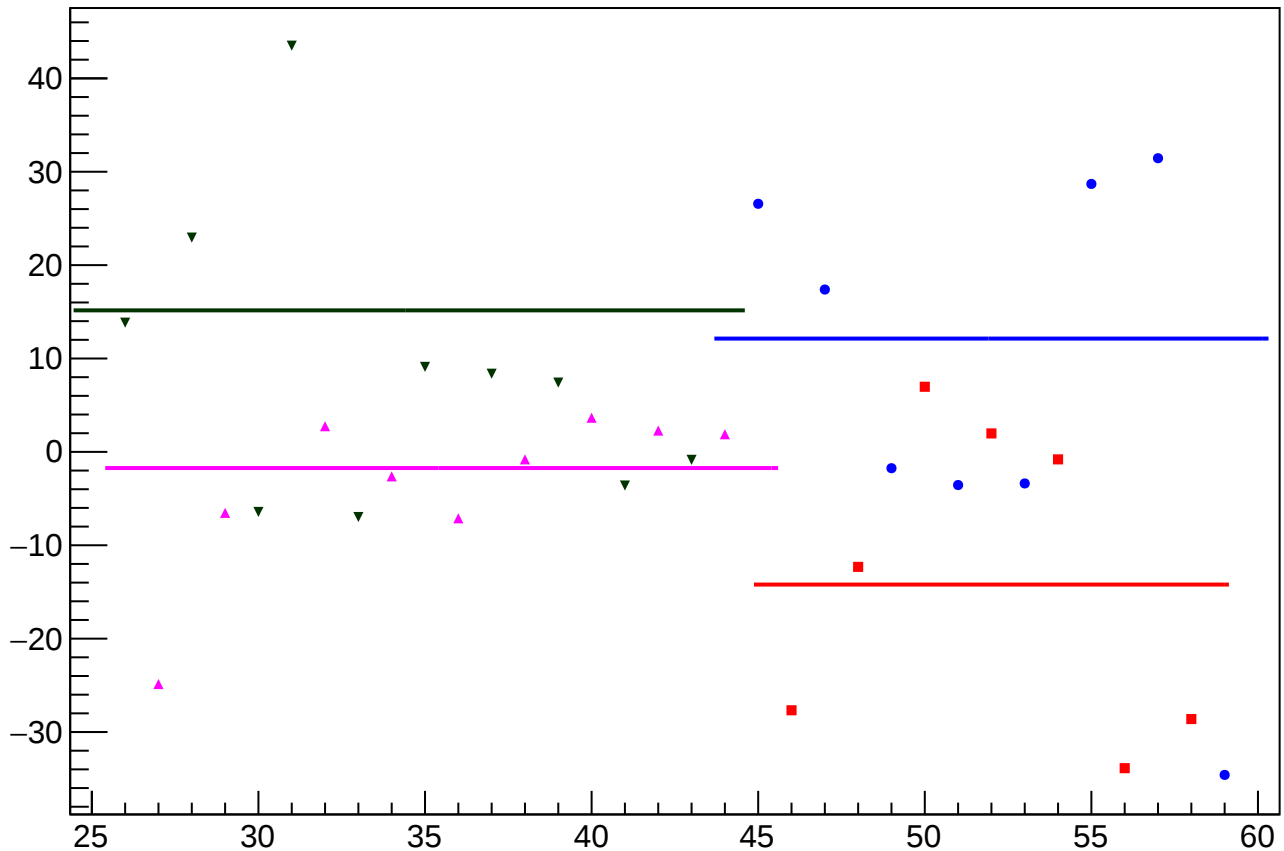
Left Out: 13.573+/-0.276 χ^2/NDF : 598.2/9

Right Out: -11.749+/-0.384 χ^2/NDF : 753.8/6

Left In: -16.407+/-0.268 χ^2/NDF : 146.8/8

-0.615+/-0.152 χ^2/NDF : 10878.9/33

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.134+/-0.072 χ^2/NDF : 60398.2/7

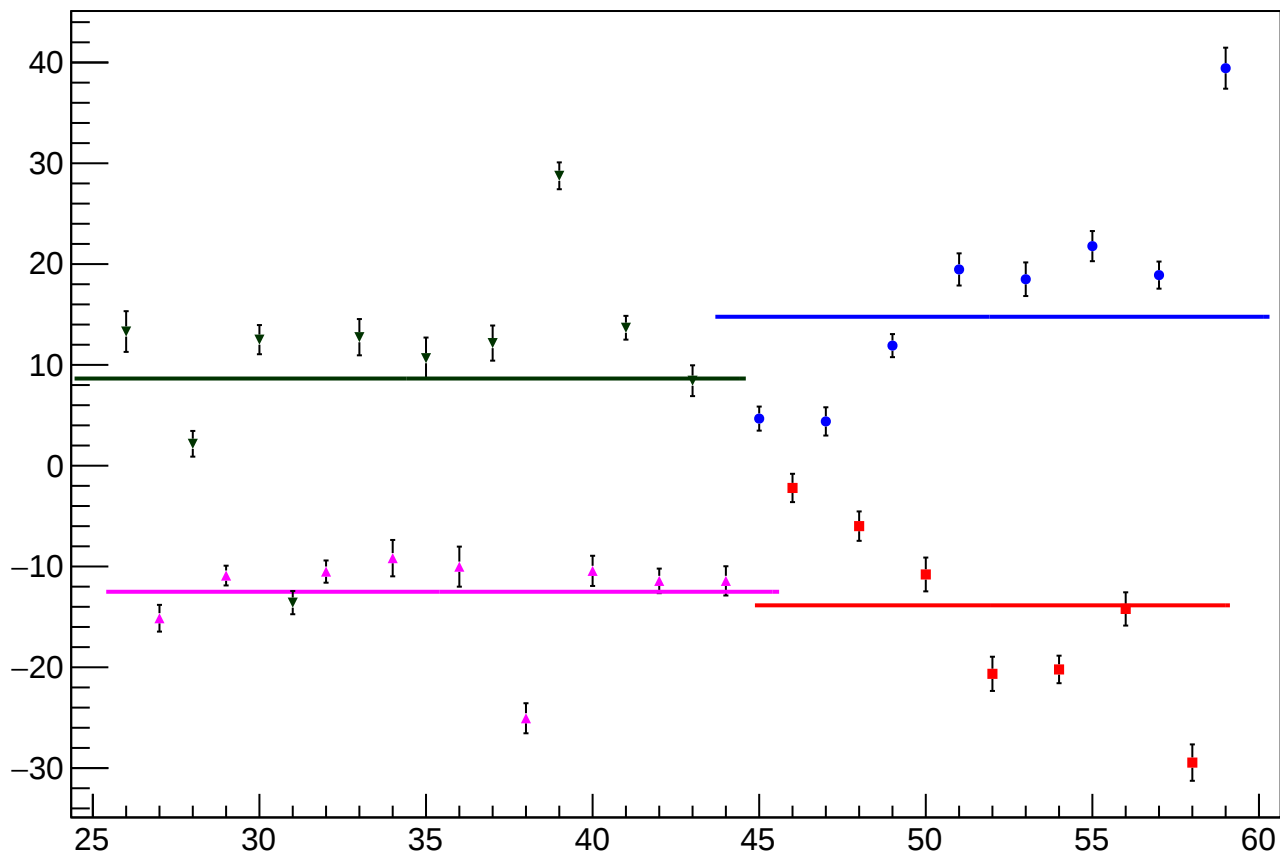
Left Out: 15.156+/-0.057 χ^2/NDF : 119762.0/9

Right Out: -14.208+/-0.082 χ^2/NDF : 31219.0/6

Left In: -1.730+/-0.061 χ^2/NDF : 13843.5/8

4.787+/-0.033 χ^2/NDF : 333452.6/33

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 14.775 $\pm$ 0.502 χ^2 /NDF: 324.6/7

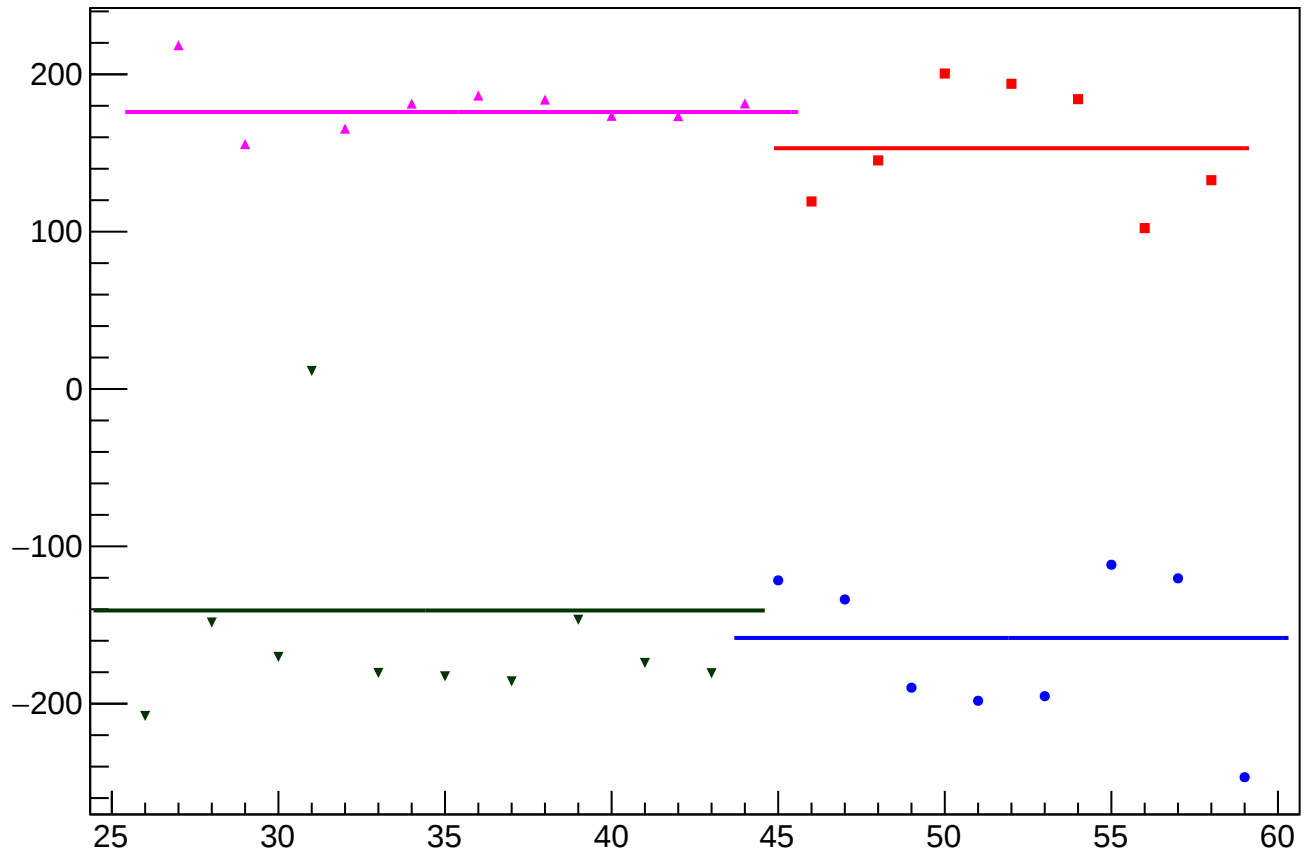
Left Out: 8.647 $\pm$ 0.462 χ^2 /NDF: 668.1/9

-0.237 $\pm$ 0.246 χ^2 /NDF: 3852.6/33

Right Out: -13.854 $\pm$ 0.588 χ^2 /NDF: 213.5/6

Left In: -12.508 $\pm$ 0.446 χ^2 /NDF: 89.0/8

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -158.216+/-0.098 χ^2/NDF : 181452.4/7

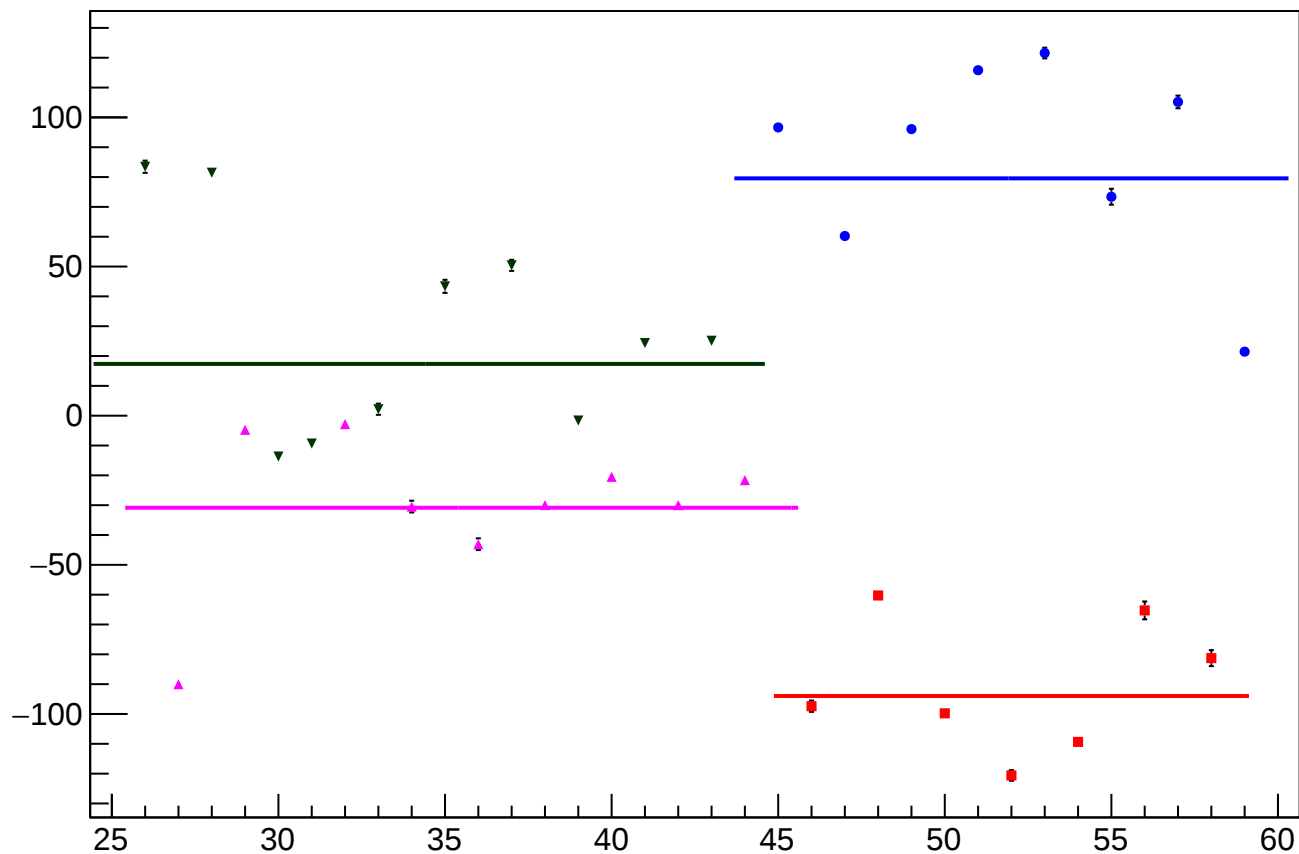
Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

Right Out: 153.027+/-0.111 χ^2/NDF : 103869.9/6

Left In: 176.046+/-0.093 χ^2/NDF : 29168.4/8

-6.753+/-0.048 χ^2/NDF : 11830689.2/33

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.565+/-0.536 χ^2/NDF : 4358.2/7

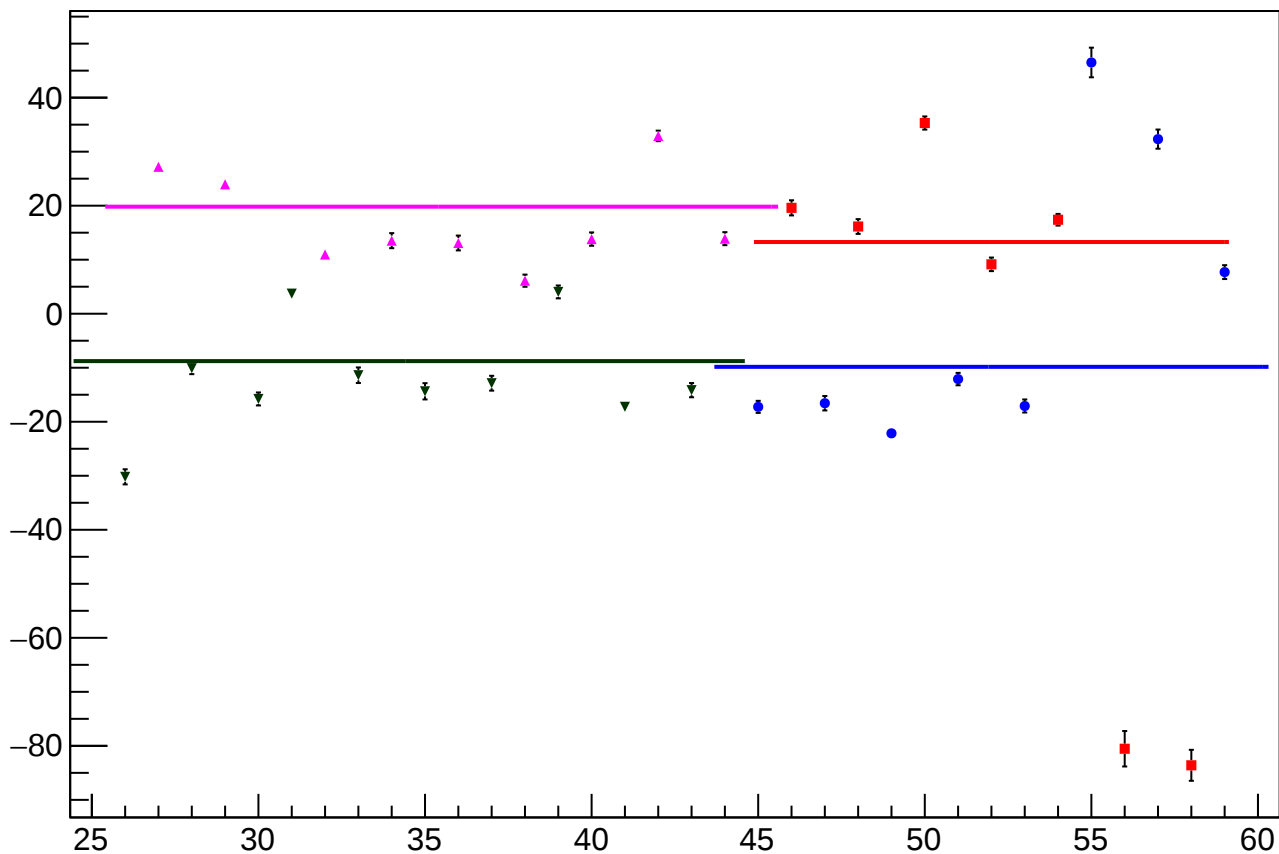
Left Out: 17.356+/-0.455 χ^2/NDF : 5107.4/9

Right Out: -93.971+/-0.708 χ^2/NDF : 868.6/6

Left In: -30.865+/-0.462 χ^2/NDF : 4236.0/8

1.899+/-0.258 χ^2/NDF : 60060.7/33

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -9.834+/-0.443 χ^2/NDF : 1468.3/7

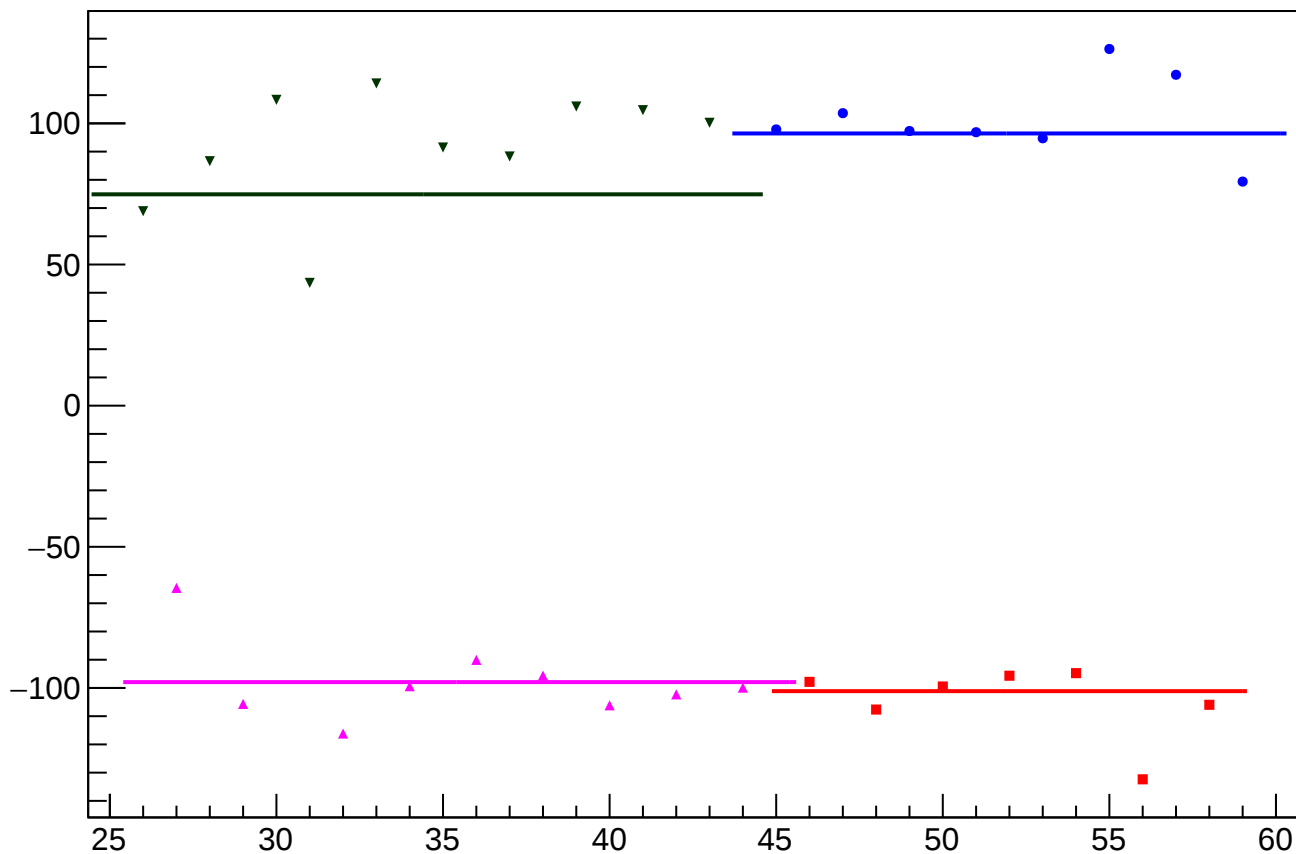
Left Out: -8.774+/-0.350 χ^2/NDF : 855.1/9

Right Out: 13.273+/-0.540 χ^2/NDF : 2333.7/6

Left In: 19.816+/-0.333 χ^2/NDF : 655.3/8

4.006+/-0.197 χ^2/NDF : 10173.5/33

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 96.429+/-0.096 χ^2/NDF : 15042.6/7

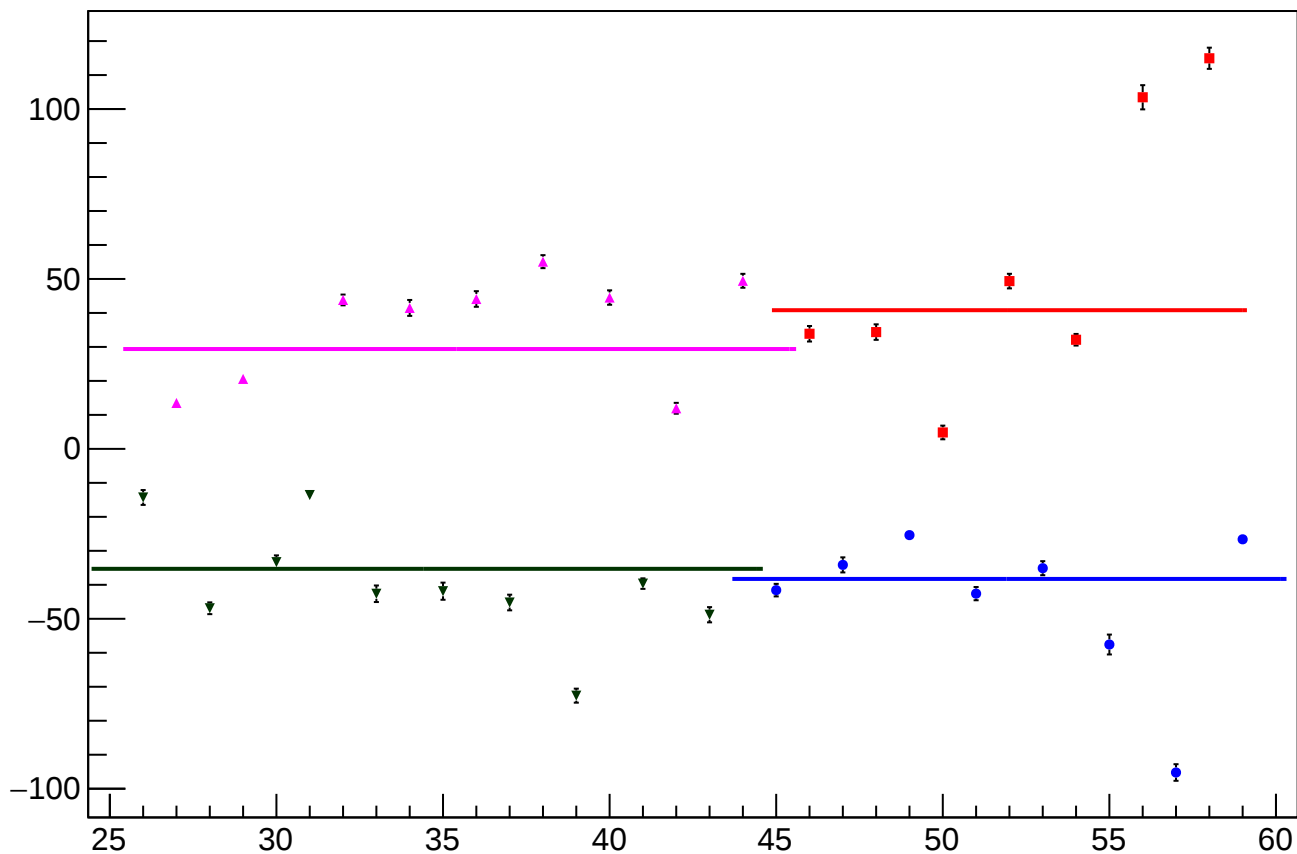
Left Out: 74.867+/-0.070 χ^2/NDF :168612.2/9

Right Out: -101.128+/-0.121 χ^2/NDF : 5249.9/6

Left In: -97.925+/-0.079 χ^2/NDF :43942.4/8

5.828+/-0.043 χ^2/NDF : 4594207.5/33

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.270 ± 0.661 χ^2/NDF : 752.4/7

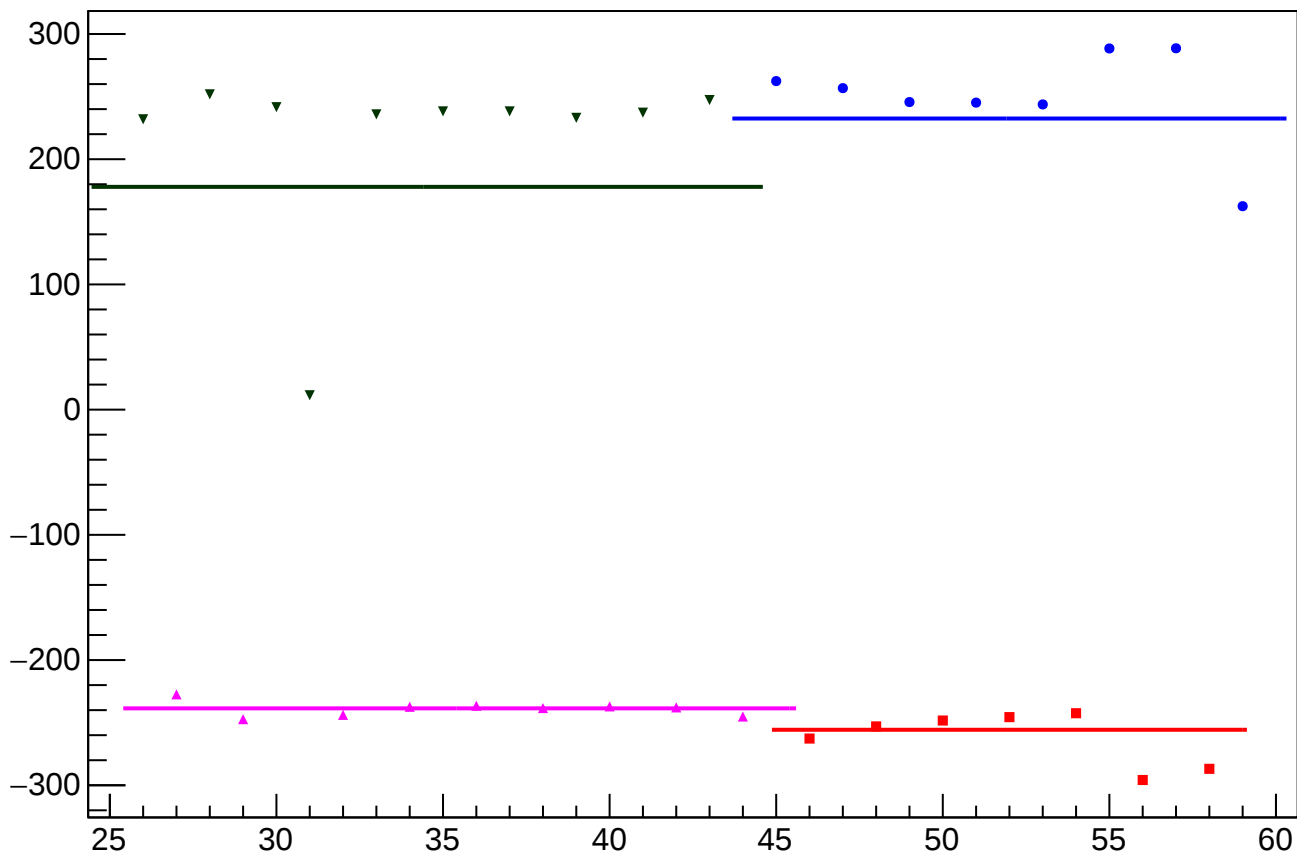
Left Out: -35.297 ± 0.586 χ^2/NDF : 899.8/9

Right Out: 40.807 ± 0.854 χ^2/NDF : 1253.3/6

Left In: 29.383 ± 0.546 χ^2/NDF : 865.1/8

-3.627 ± 0.317 χ^2/NDF : 15795.0/33

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 232.502 $\pm$ 0.127 χ^2 /NDF: 112791.4/7

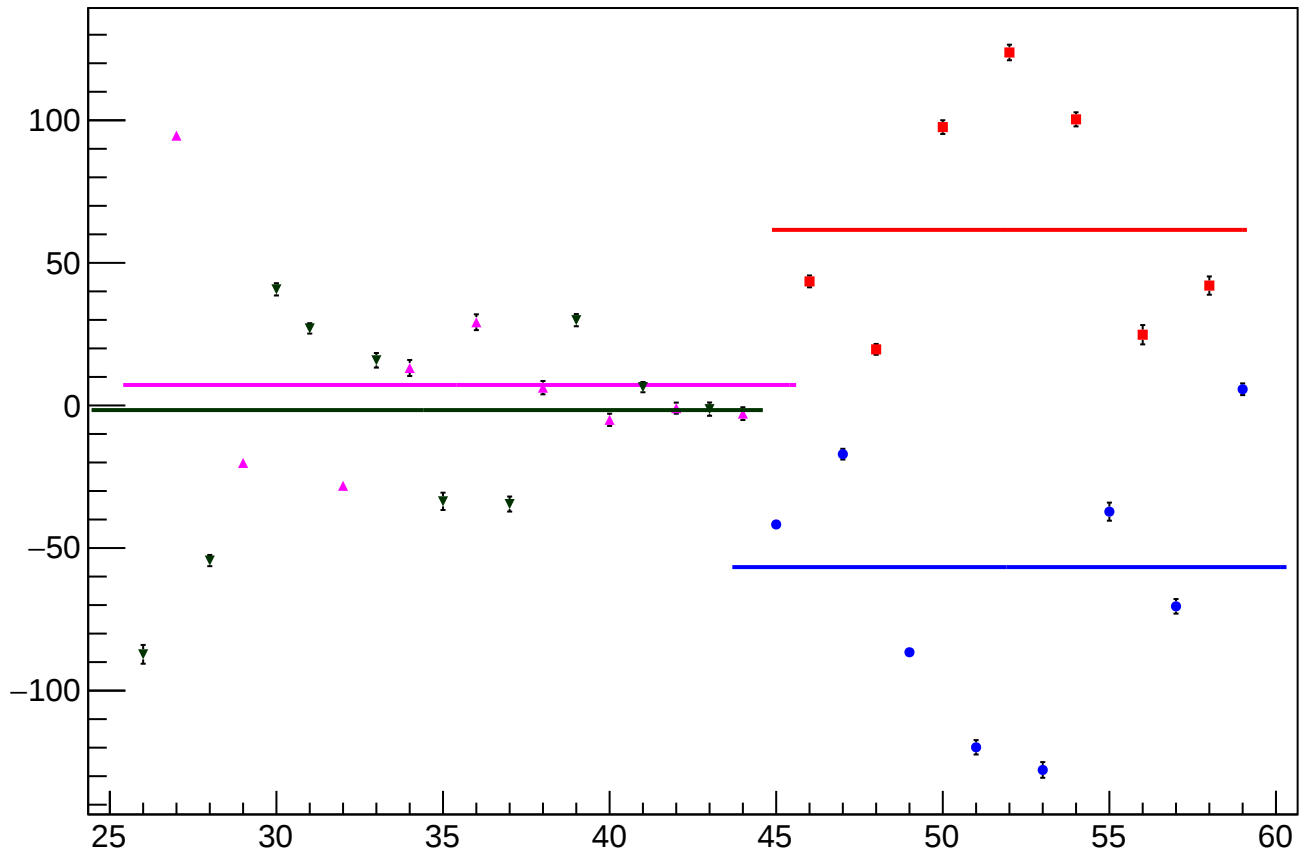
Left Out: 177.919 $\pm$ 0.108 χ^2 /NDF: 891925.7/9

Right Out: -255.683 $\pm$ 0.162 χ^2 /NDF: 9707.1/6

Left In: -238.578 $\pm$ 0.118 χ^2 /NDF: 3012.9/8

10.624 $\pm$ 0.062 χ^2 /NDF: 13653122.9/33

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -56.688 $\pm$ 0.747 χ^2 /NDF: 3141.9/7

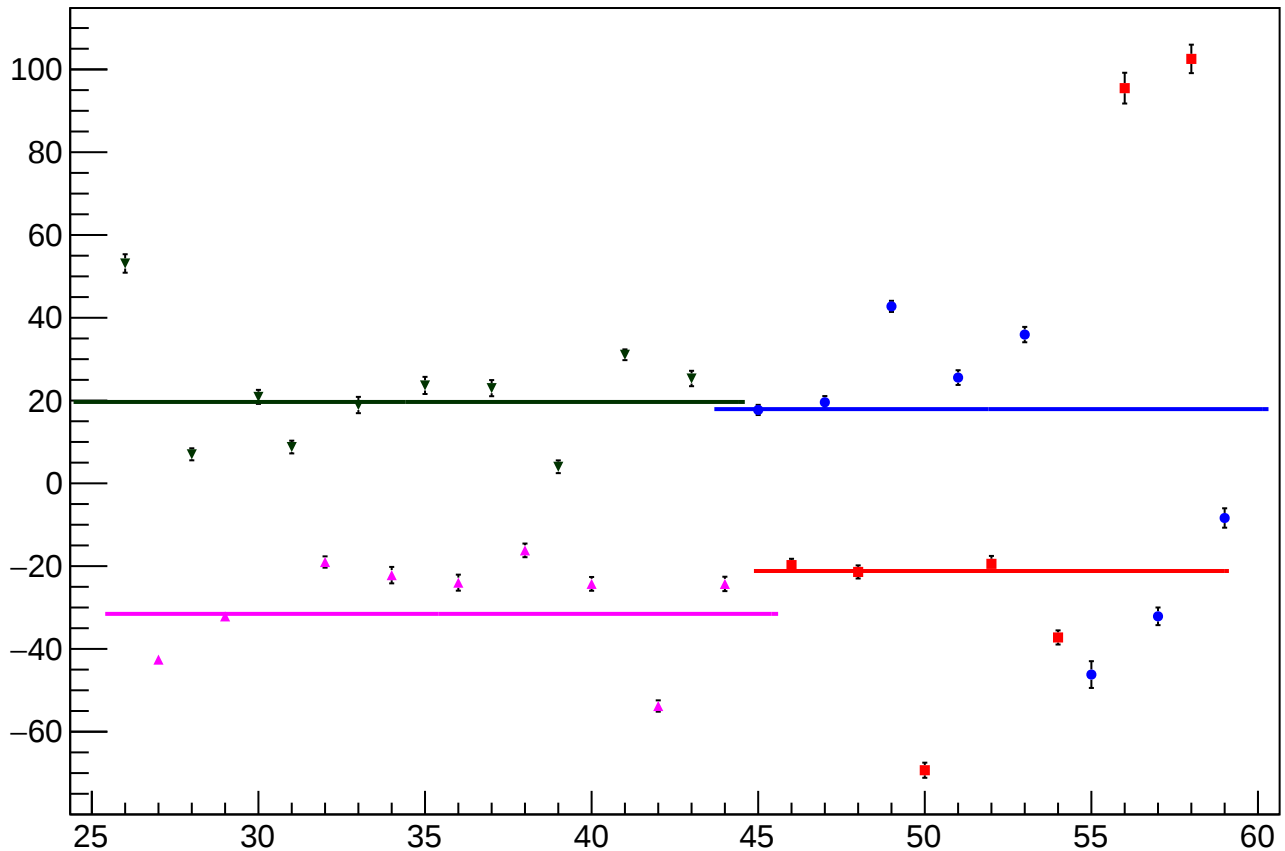
Left Out: -1.625 $\pm$ 0.710 χ^2 /NDF: 2580.3/9

Right Out: 61.572 $\pm$ 0.928 χ^2 /NDF: 1701.4/6

Left In: 7.188 $\pm$ 0.664 χ^2 /NDF: 3435.6/8

-2.346 $\pm$ 0.373 χ^2 /NDF: 21097.5/33

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.934+/-0.602 χ^2/NDF : 1524.5/7

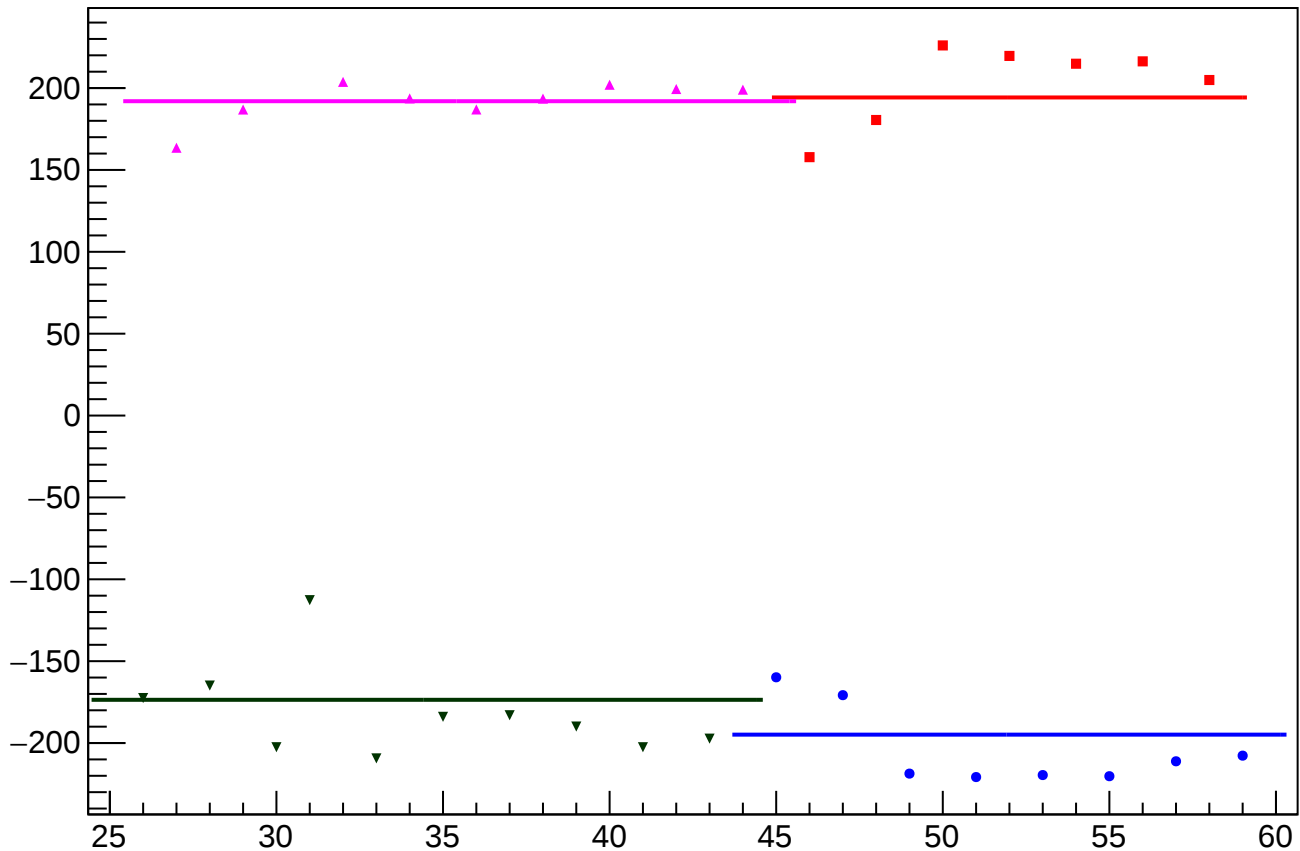
Left Out: 19.664+/-0.535 χ^2/NDF : 547.2/9

Right Out: -21.176+/-0.726 χ^2/NDF : 3063.5/6

Left In: -31.534+/-0.481 χ^2/NDF : 612.9/8

-4.643+/-0.283 χ^2/NDF : 12861.4/33

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -194.868+/-0.132 χ^2/NDF : 38095.2/7

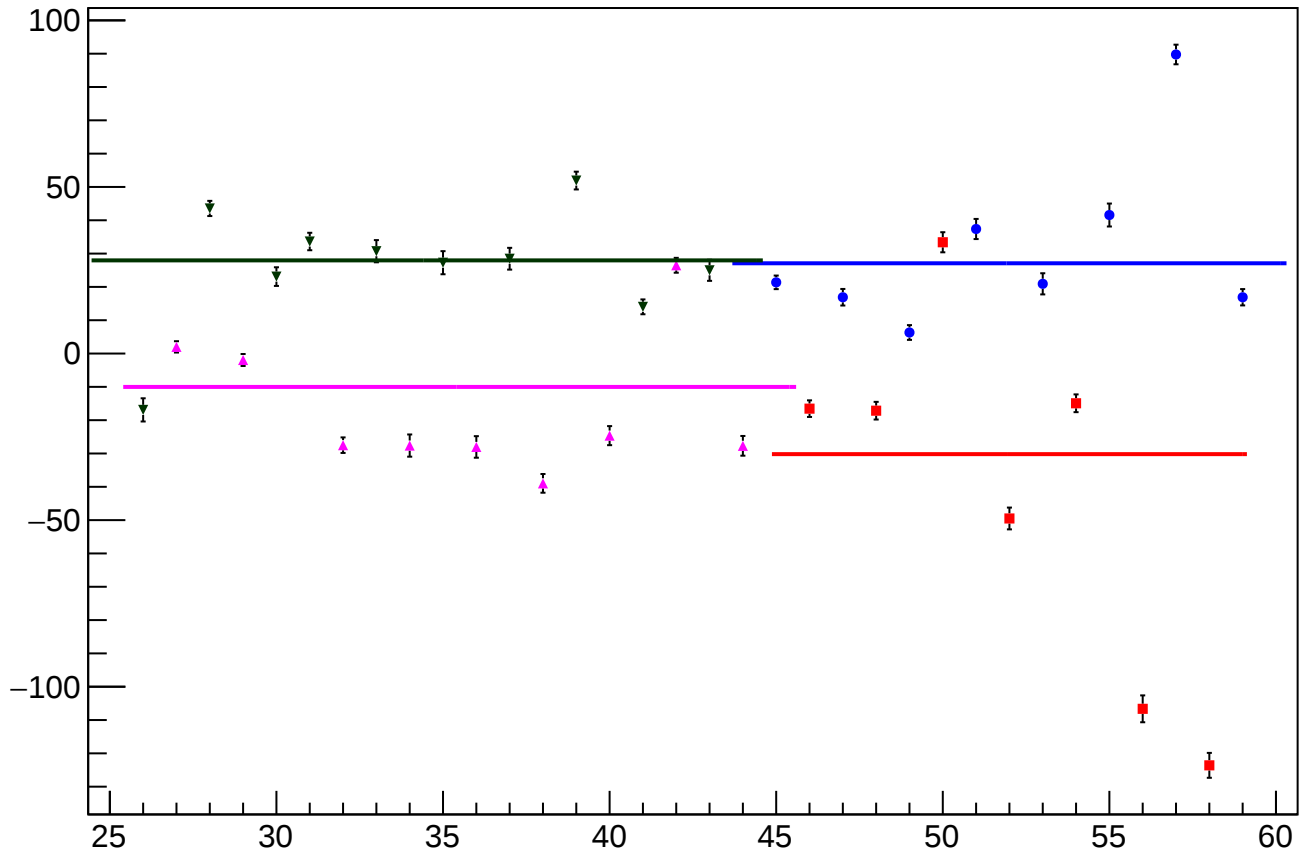
Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

Right Out: 194.262+/-0.158 χ^2/NDF : 27076.8/6

Left In: 191.976+/-0.115 χ^2/NDF : 12393.0/8

-7.988+/-0.063 χ^2/NDF : 8964904.5/33

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 27.091+/-0.920 χ^2/NDF : 616.3/7

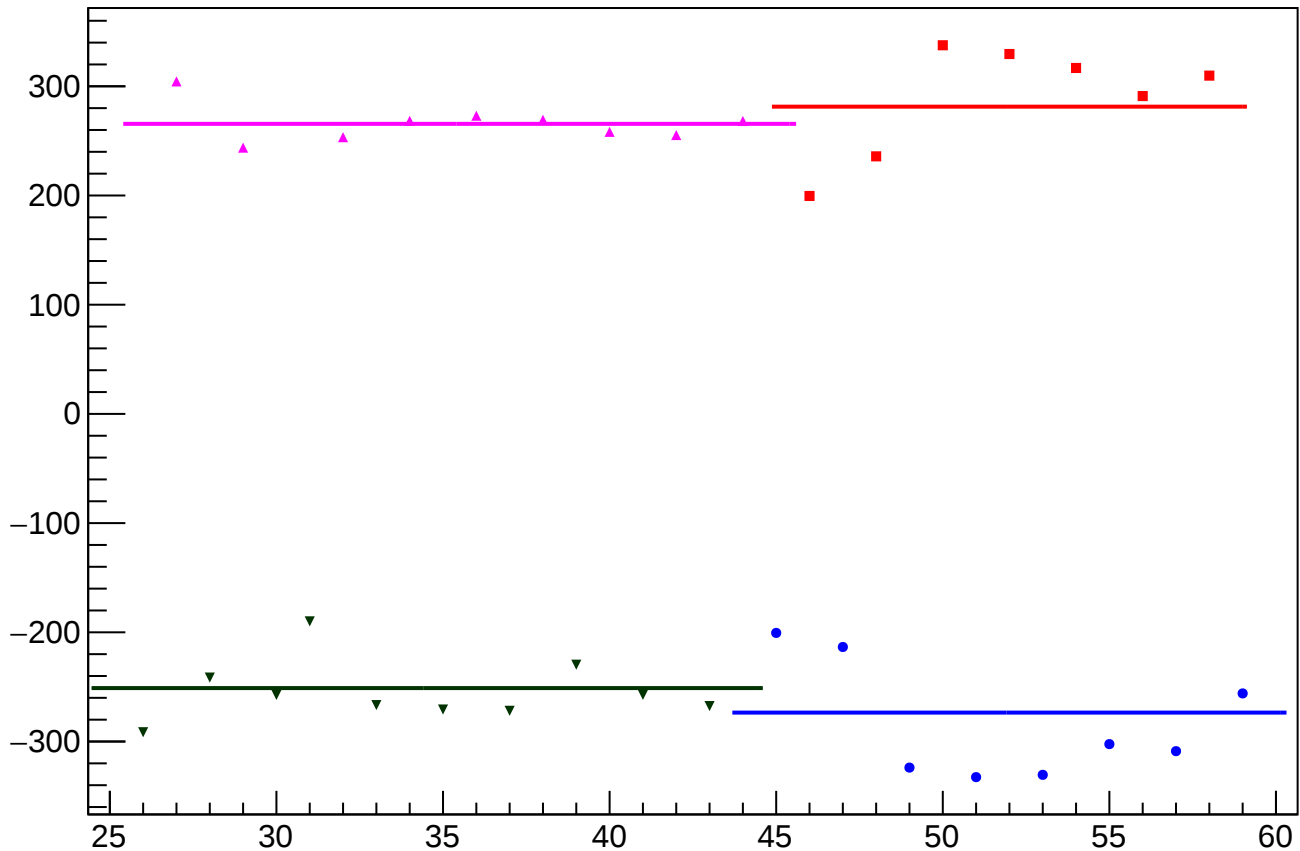
Left Out: 27.961+/-0.892 χ^2/NDF : 342.1/9

Right Out: -30.192+/-1.132 χ^2/NDF : 1550.4/6

Left In: -10.019+/-0.793 χ^2/NDF : 620.9/8

5.758+/-0.456 χ^2/NDF : 5691.6/33

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -273.515+/-0.178 χ^2/NDF : 88041.0/7

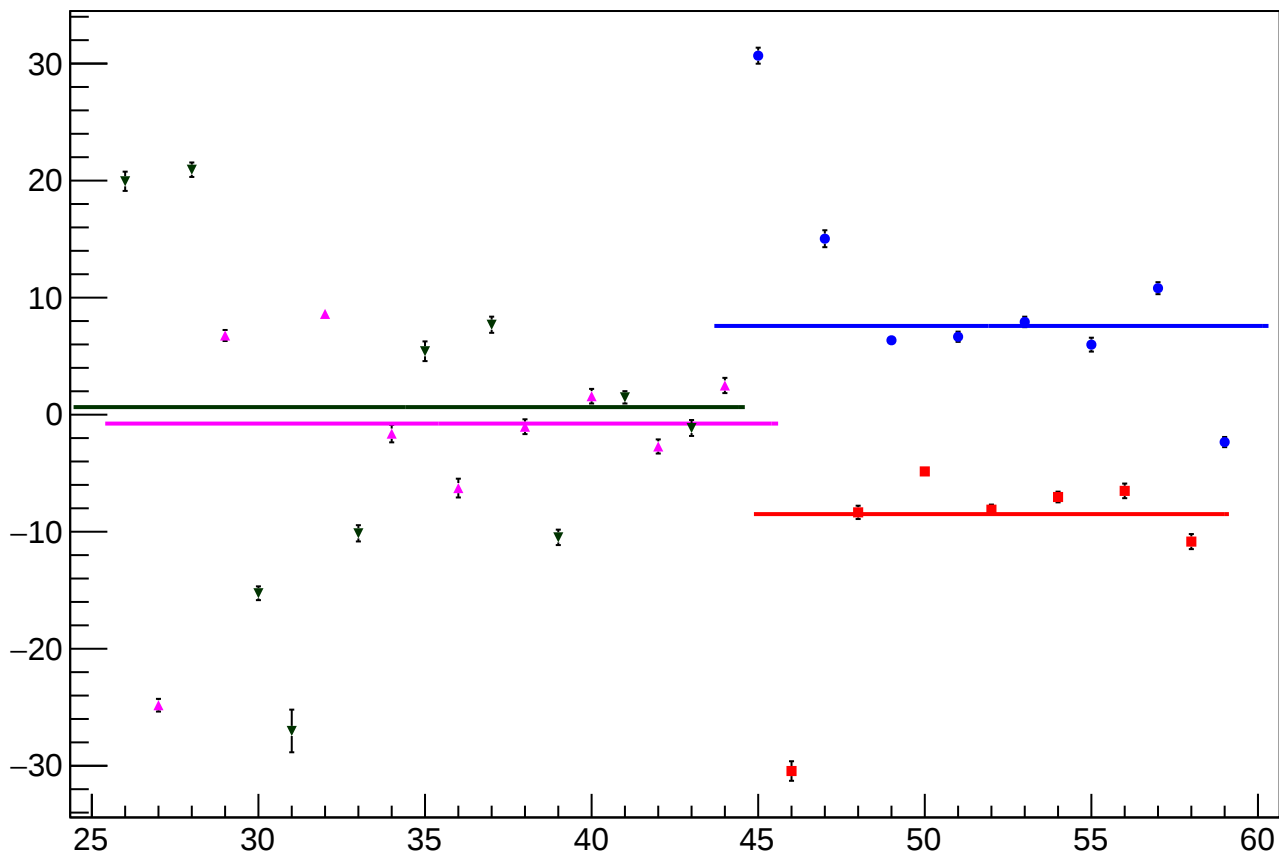
Left Out: -251.066+/-0.164 χ^2/NDF : 28709.1/9

Right Out: 281.352+/-0.215 χ^2/NDF : 59692.9/6

Left In: 265.603+/-0.168 χ^2/NDF : 12152.3/8

-19.092+/-0.089 χ^2/NDF : 9046747.4/33

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 7.583 ± 0.160 $\chi^2/\text{NDF}: 1834.1/7$

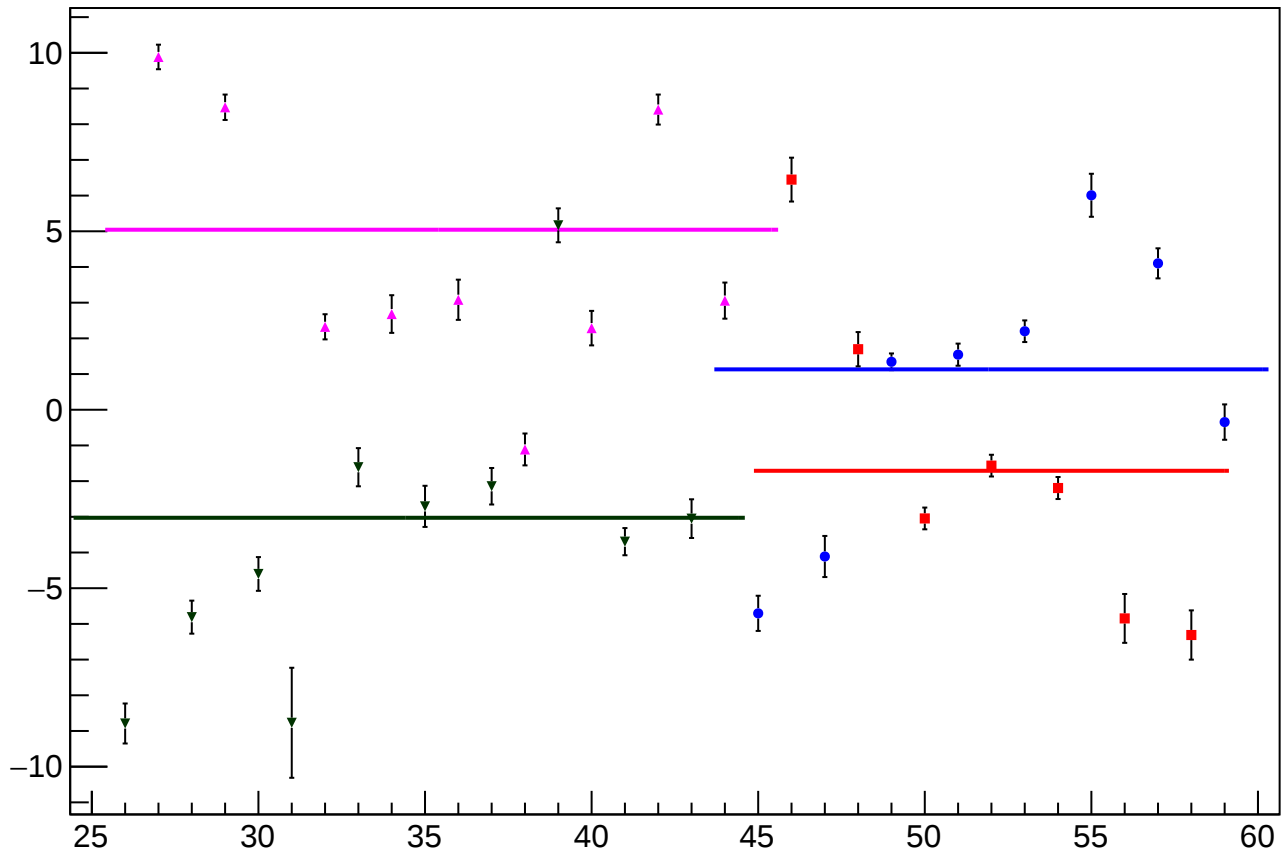
Left Out: 0.647 ± 0.219 $\chi^2/\text{NDF}: 3257.1/9$

0.628 ± 0.094 $\chi^2/\text{NDF}: 12766.2/33$

Right Out: -8.495 ± 0.197 $\chi^2/\text{NDF}: 806.7/6$

Left In: -0.760 ± 0.193 $\chi^2/\text{NDF}: 2789.0/8$

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 1.131 ± 0.130 $\chi^2/\text{NDF}: 414.5/7$

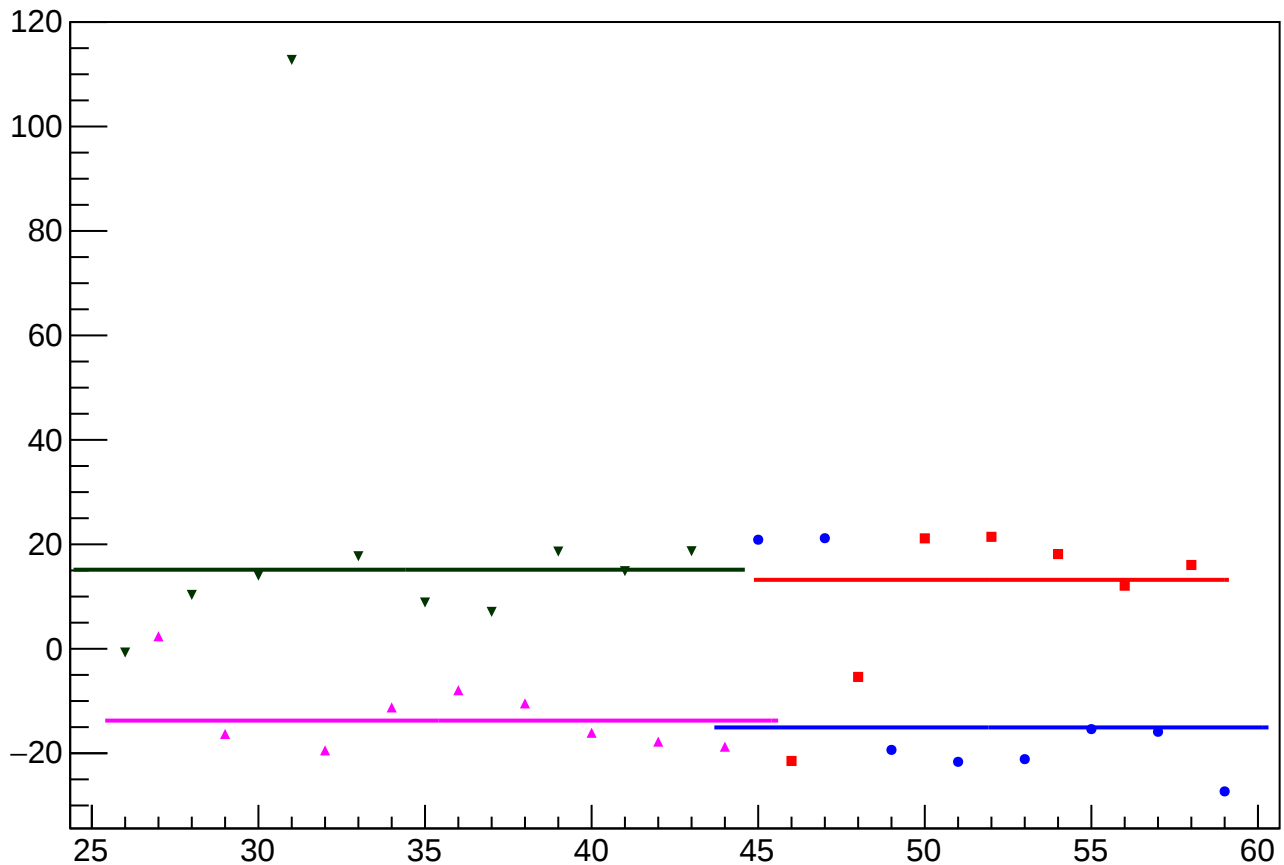
Left Out: -3.027 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

0.687 ± 0.073 $\chi^2/\text{NDF}: 3636.3/33$

Right Out: -1.710 ± 0.152 $\chi^2/\text{NDF}: 329.5/6$

Left In: 5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -15.055 ± 0.029 χ^2/NDF : 241120.3/7

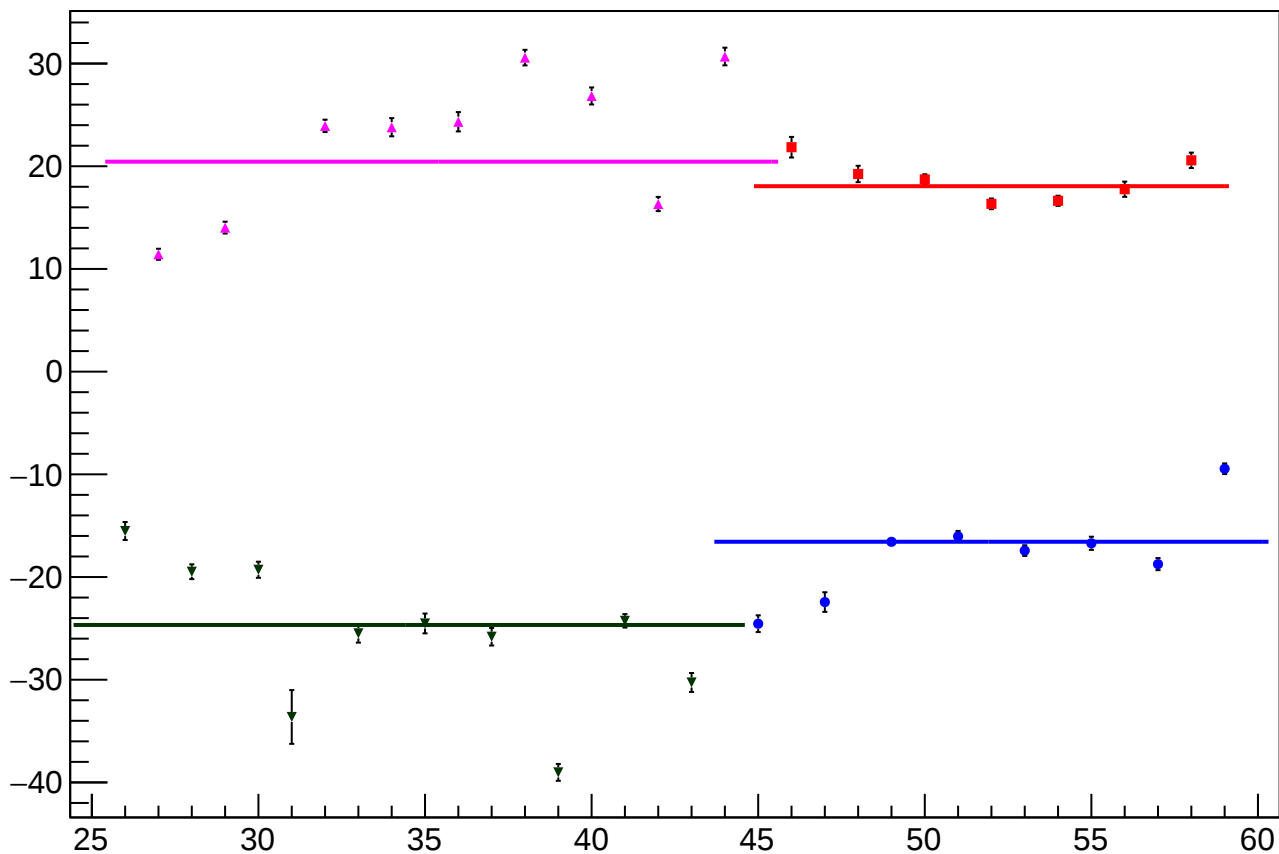
Left Out: 15.143 ± 0.036 χ^2/NDF : 187125.6/9

Right Out: 13.205 ± 0.034 χ^2/NDF : 134303.5/6

Left In: -13.747 ± 0.033 χ^2/NDF : 44234.1/8

-2.037 ± 0.016 χ^2/NDF : 1356221.2/33

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -16.565 $\pm$ 0.197 χ^2 /NDF: 339.0/7

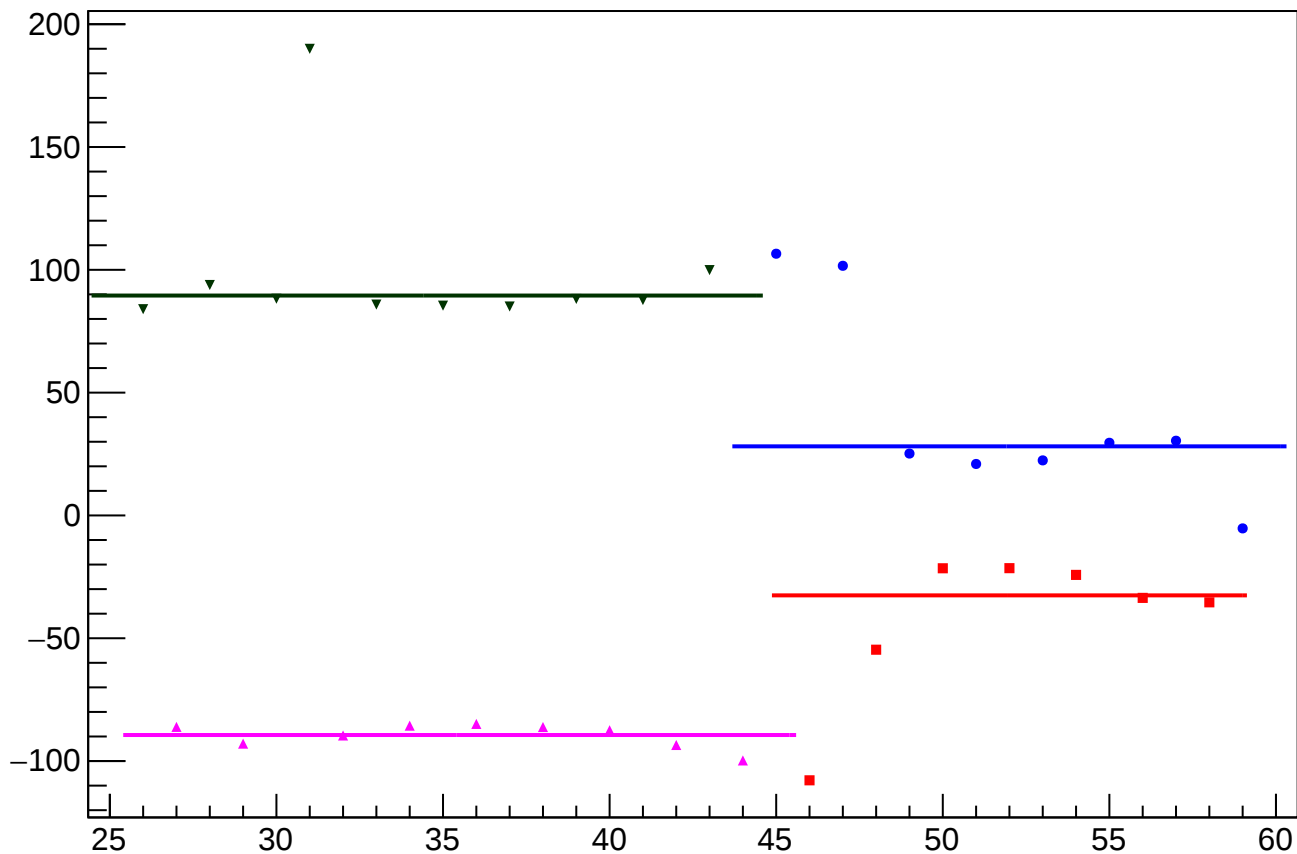
Left Out: -24.667 $\pm$ 0.271 χ^2 /NDF: 564.2/9

-0.878 $\pm$ 0.115 χ^2 /NDF: 30586.2/33

Right Out: 18.057 $\pm$ 0.236 χ^2 /NDF: 48.9/6

Left In: 20.446 $\pm$ 0.234 χ^2 /NDF: 882.7/8

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 28.130+/-0.038 χ^2/NDF : 519134.3/7

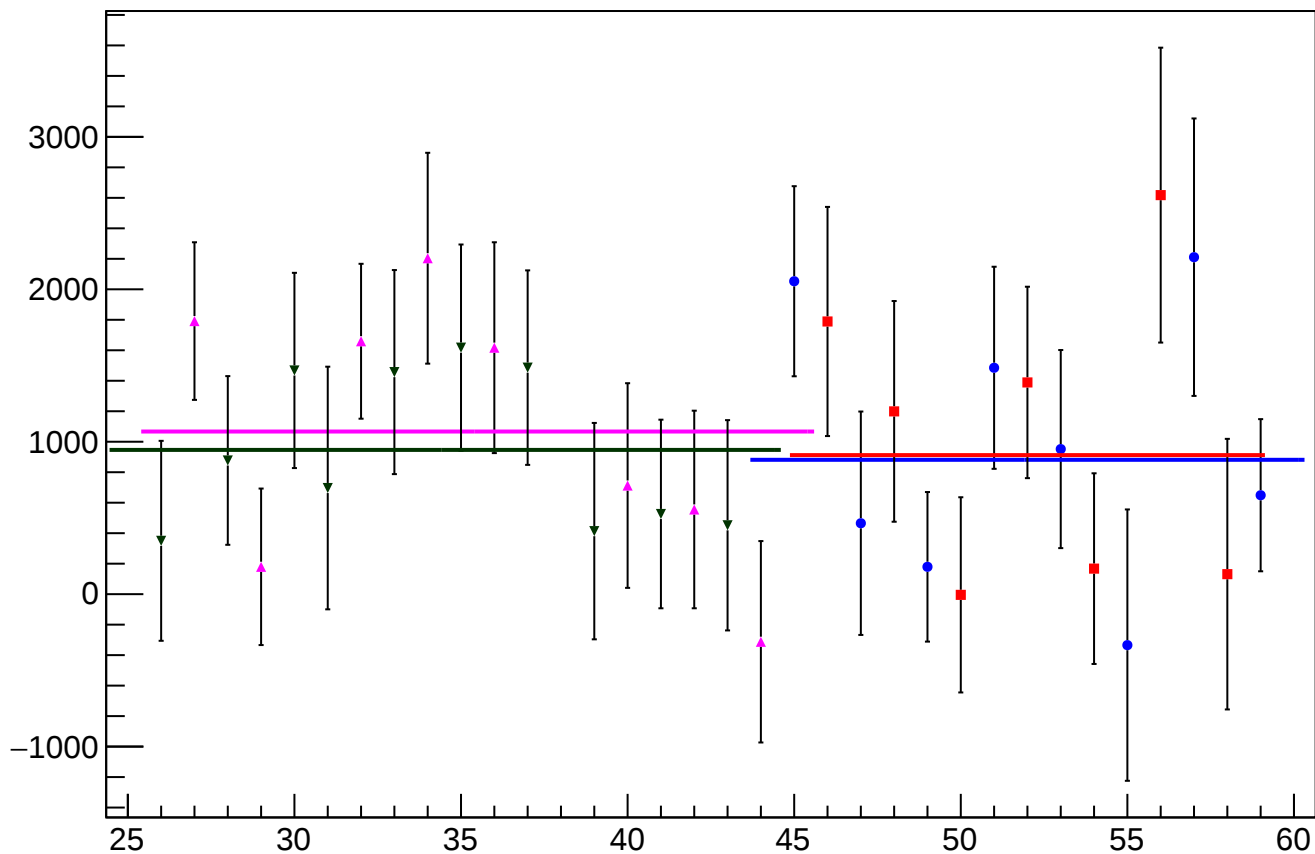
Left Out: 89.526+/-0.049 χ^2/NDF : 54366.7/9

1.037+/-0.022 χ^2/NDF : 8502779.8/33

Right Out: -32.541+/-0.044 χ^2/NDF : 209266.4/6

Left In: -89.397+/-0.049 χ^2/NDF : 7802.3/8

reg_asym_atl1_mean vs slug



Right In: 881.432 $\pm$ 225.216 χ^2 /NDF: 11.0/7

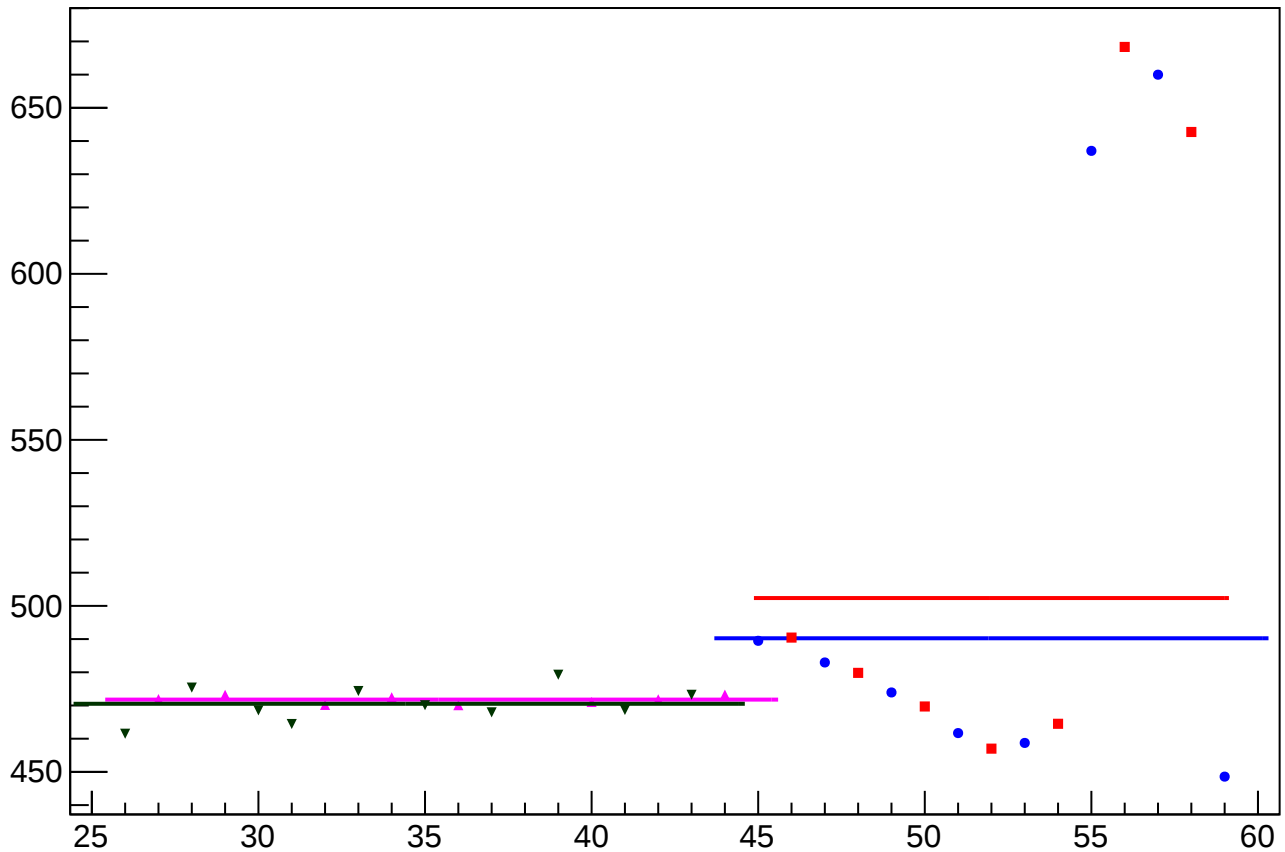
Left Out: 946.354 $\pm$ 207.711 χ^2 /NDF: 5.4/9

Right Out: 912.209 $\pm$ 271.696 χ^2 /NDF: 9.4/6

Left In: 1066.964 $\pm$ 210.912 χ^2 /NDF: 14.9/7

958.630 $\pm$ 112.566 χ^2 /NDF: 41.1/32

reg_asym_atl1_rms vs slug



Right In: 490.243+/-0.159 χ^2/NDF : 148723.0/7

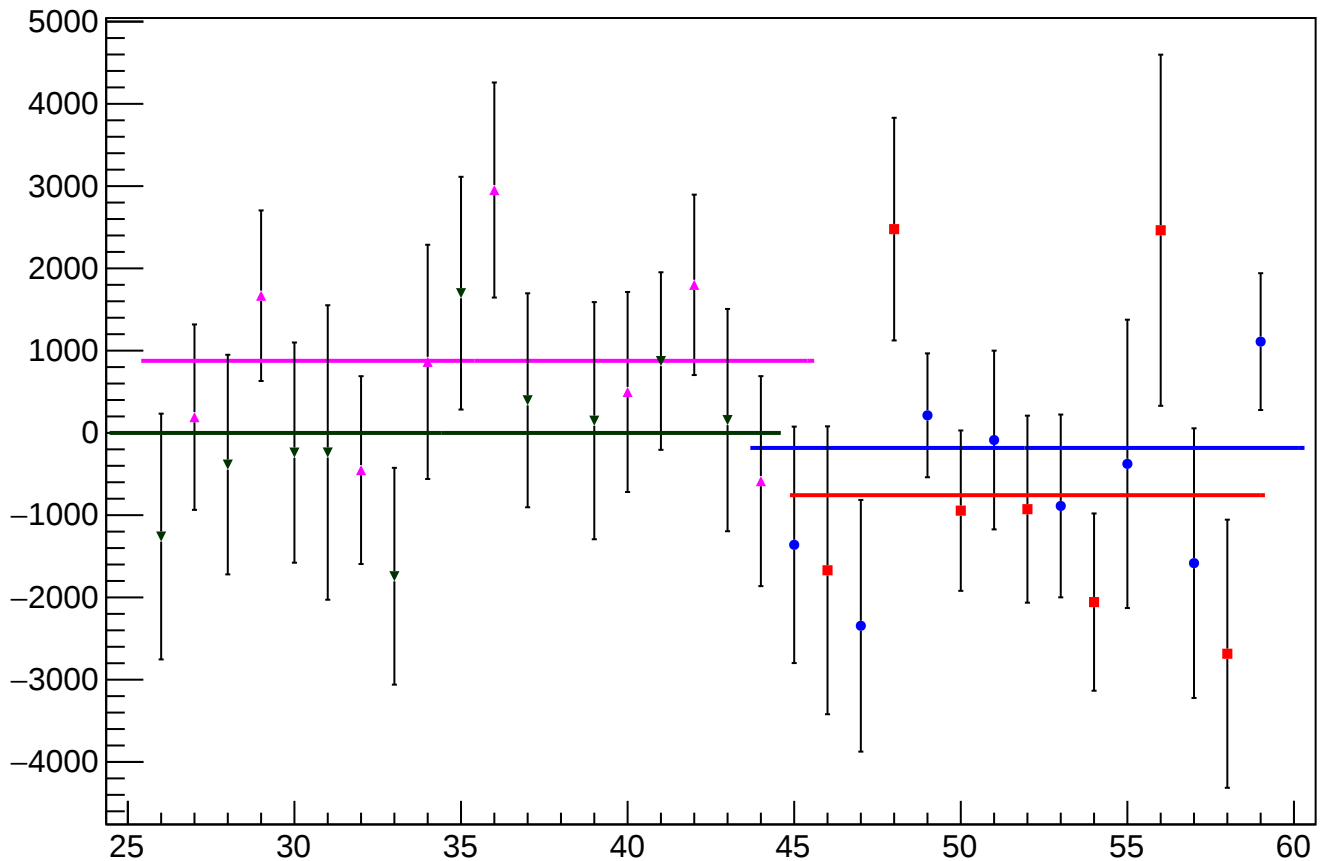
Left Out: 470.514+/-0.147 χ^2/NDF : 1122.3/9

481.267+/-0.080 χ^2/NDF : 308852.5/32

Right Out: 502.358+/-0.192 χ^2/NDF : 134302.1/6

Left In: 471.772+/-0.149 χ^2/NDF : 62.3/7

asym_atl1_correction_mean vs slug



Right In: -182.724+/-392.950 χ^2/NDF : 6.5/7

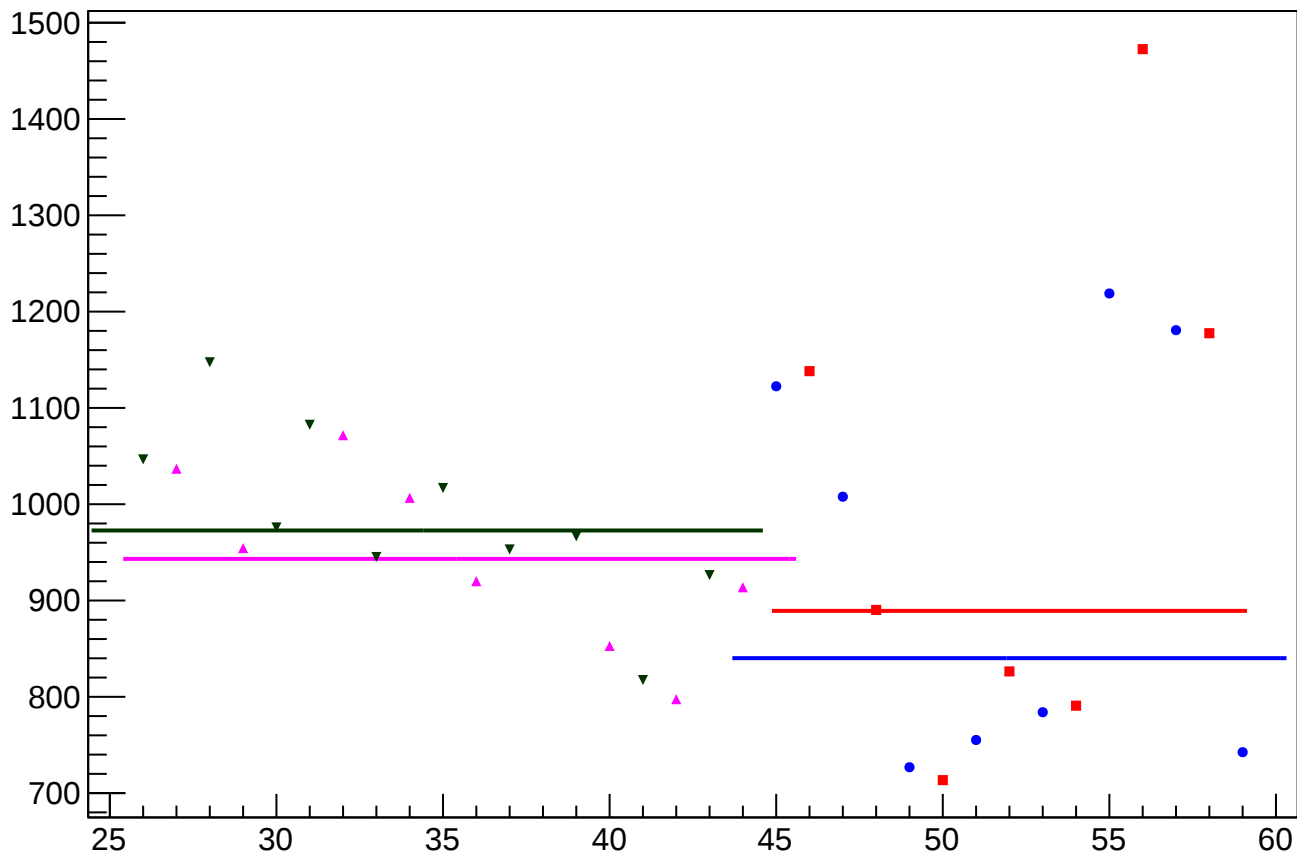
Left Out: -0.504+/-428.990 χ^2/NDF : 4.8/9

29.861+/-214.415 χ^2/NDF : 36.4/32

Right Out: -757.174+/-490.532 χ^2/NDF : 11.2/6

Left In: 876.325+/-419.386 χ^2/NDF : 6.9/7

asym_atl1_correction_rms vs slug



Right In: 840.143+/-0.278 χ^2/NDF : 371064.7/7

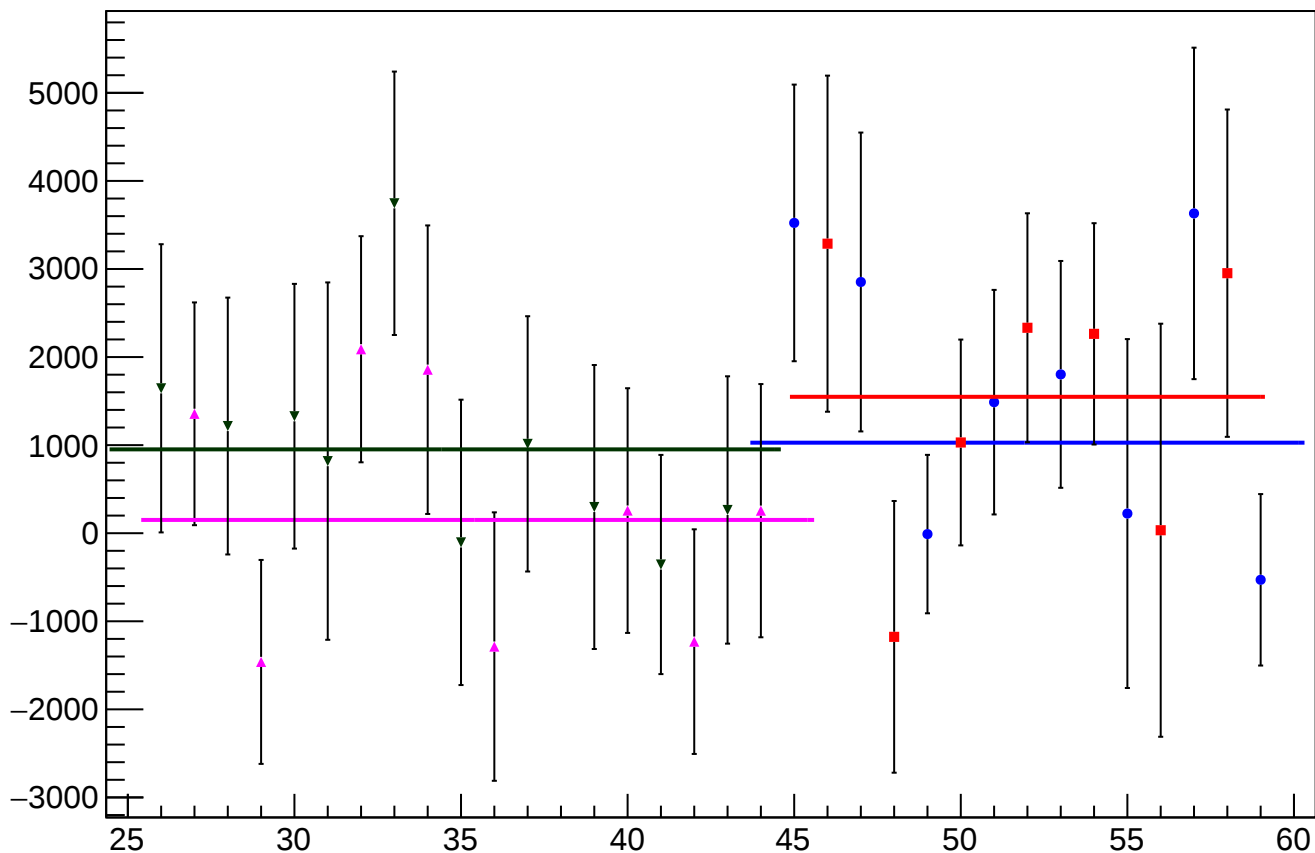
Left Out: 972.740+/-0.303 χ^2/NDF : 93722.9/9

Right Out: 889.252+/-0.347 χ^2/NDF : 340280.2/6

Left In: 943.222+/-0.297 χ^2/NDF : 91364.0/7

909.594+/-0.152 χ^2/NDF : 1018540.9/32

asym_atl1_mean vs slug



Right In: 1027.911+/-456.452 χ^2/NDF : 10.1/7

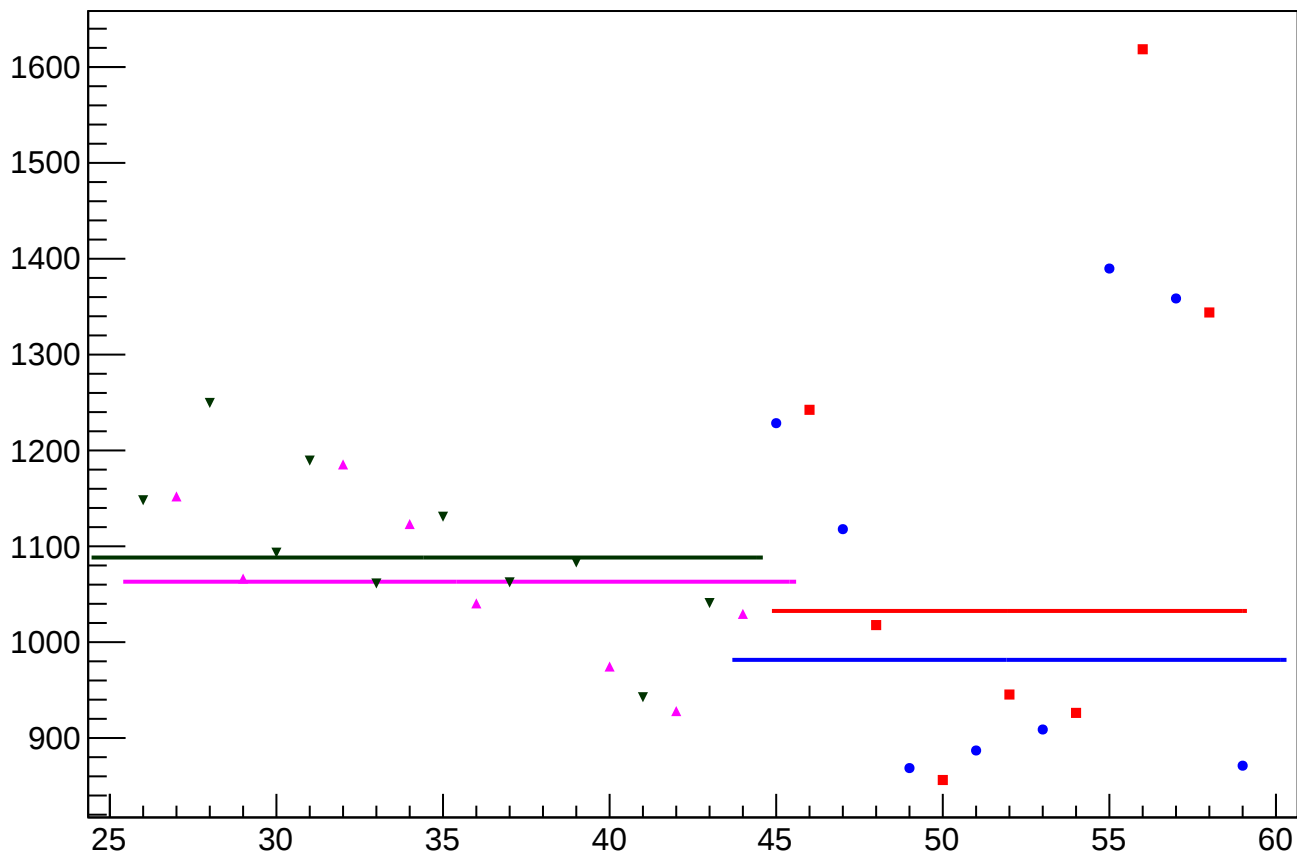
Left Out: 951.884+/-482.337 χ^2/NDF : 5.7/9

874.005+/-245.293 χ^2/NDF : 33.8/32

Right Out: 1548.684+/-565.779 χ^2/NDF : 5.8/6

Left In: 150.701+/-476.838 χ^2/NDF : 8.3/7

asym_atl1_rms vs slug



Right In: 981.524 ± 0.323 χ^2/NDF : 302215.8/7

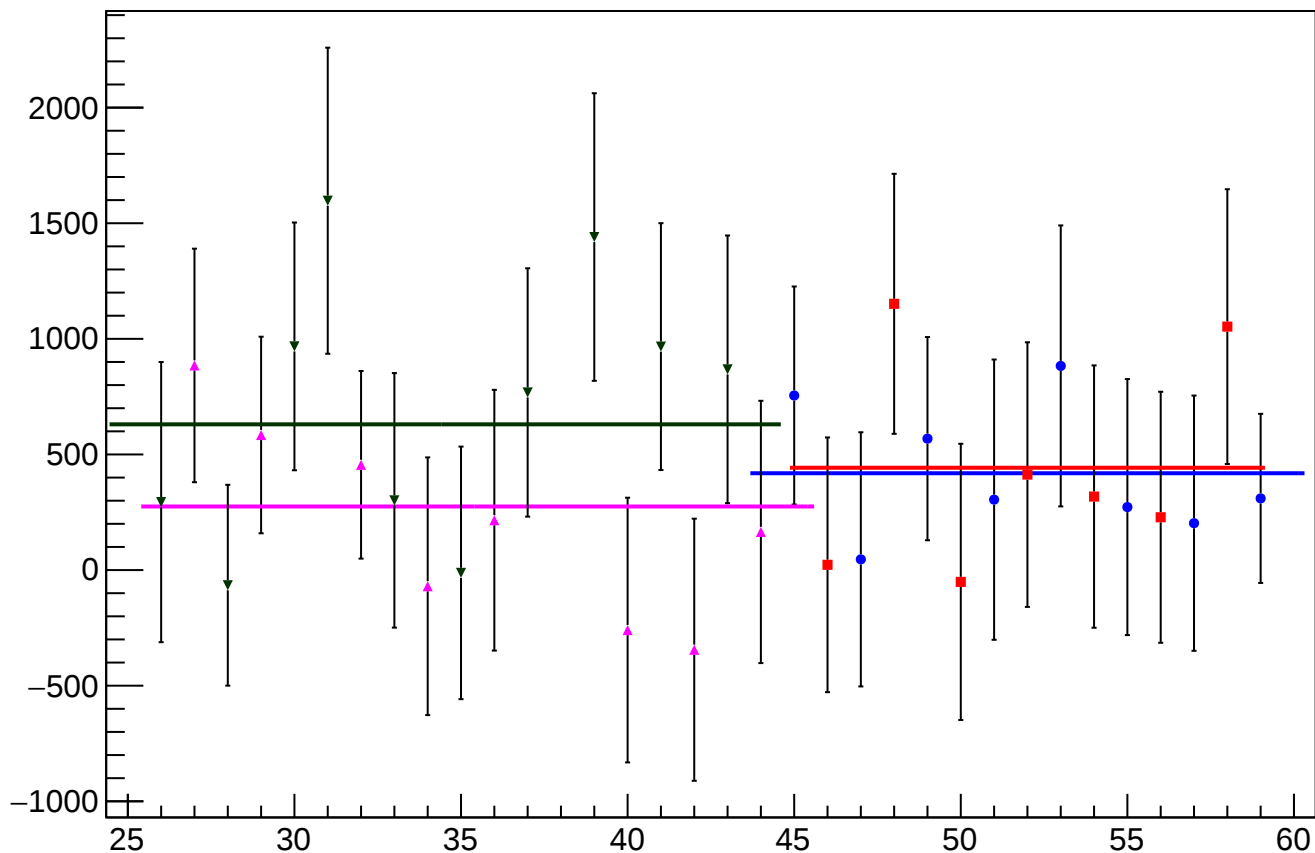
Left Out: 1088.294 ± 0.341 χ^2/NDF : 64214.9/9

Right Out: 1032.562 ± 0.400 χ^2/NDF : 274302.9/6

Left In: 1063.060 ± 0.337 χ^2/NDF : 62842.0/7

1040.307 ± 0.173 χ^2/NDF : 761469.4/32

reg_asym_atl2_mean vs slug



Right In: 418.770 $\pm$ 175.564 χ^2 /NDF: 2.0/7

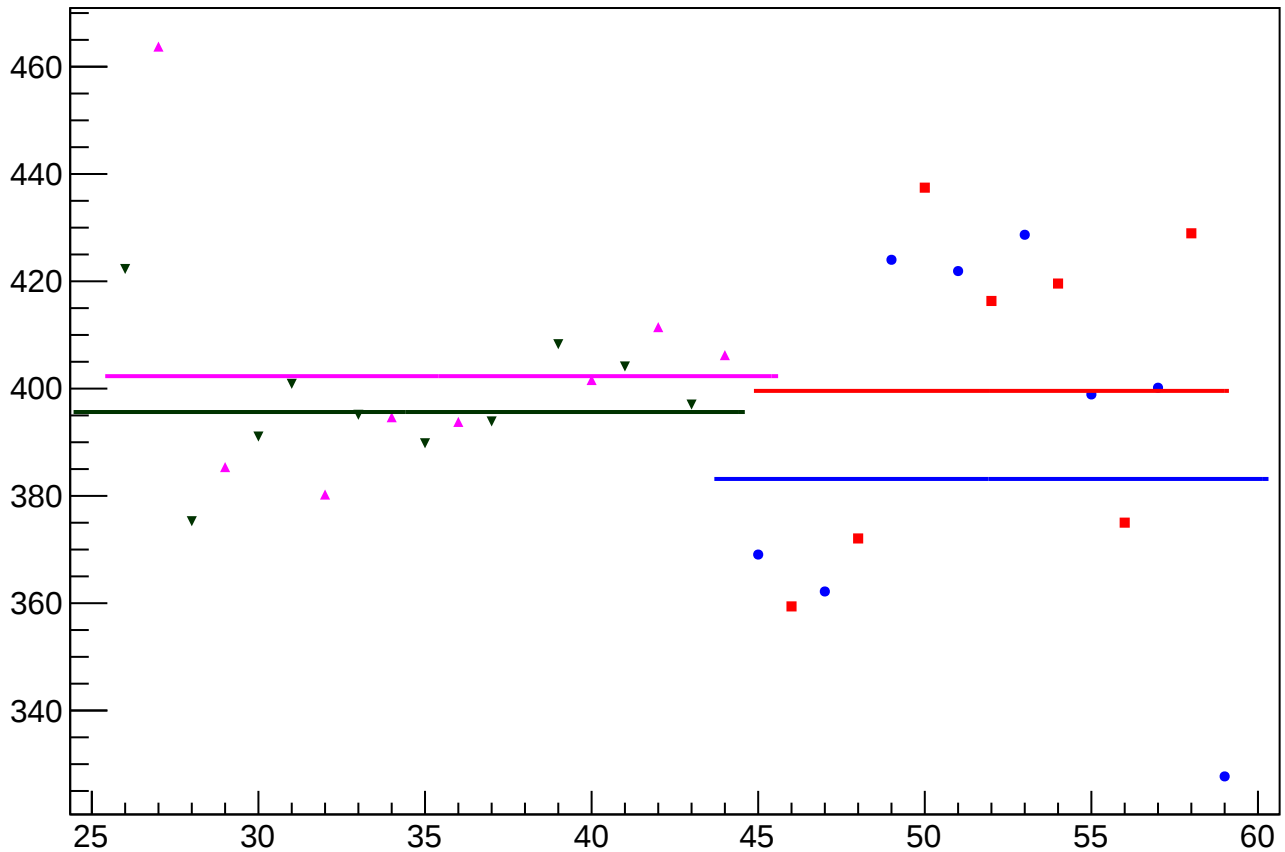
Left Out: 630.254 $\pm$ 174.091 χ^2 /NDF:9.5/9

Right Out: 442.509 $\pm$ 214.927 χ^2 /NDF: 4.1/6

Left In: 274.945 $\pm$ 179.112 χ^2 /NDF:4.7/7

444.212 $\pm$ 91.957 χ^2 /NDF: 22.3/32

reg_asym_atl2_rms vs slug



Right In: 383.159 ± 0.124 χ^2/NDF : 90886.8/7

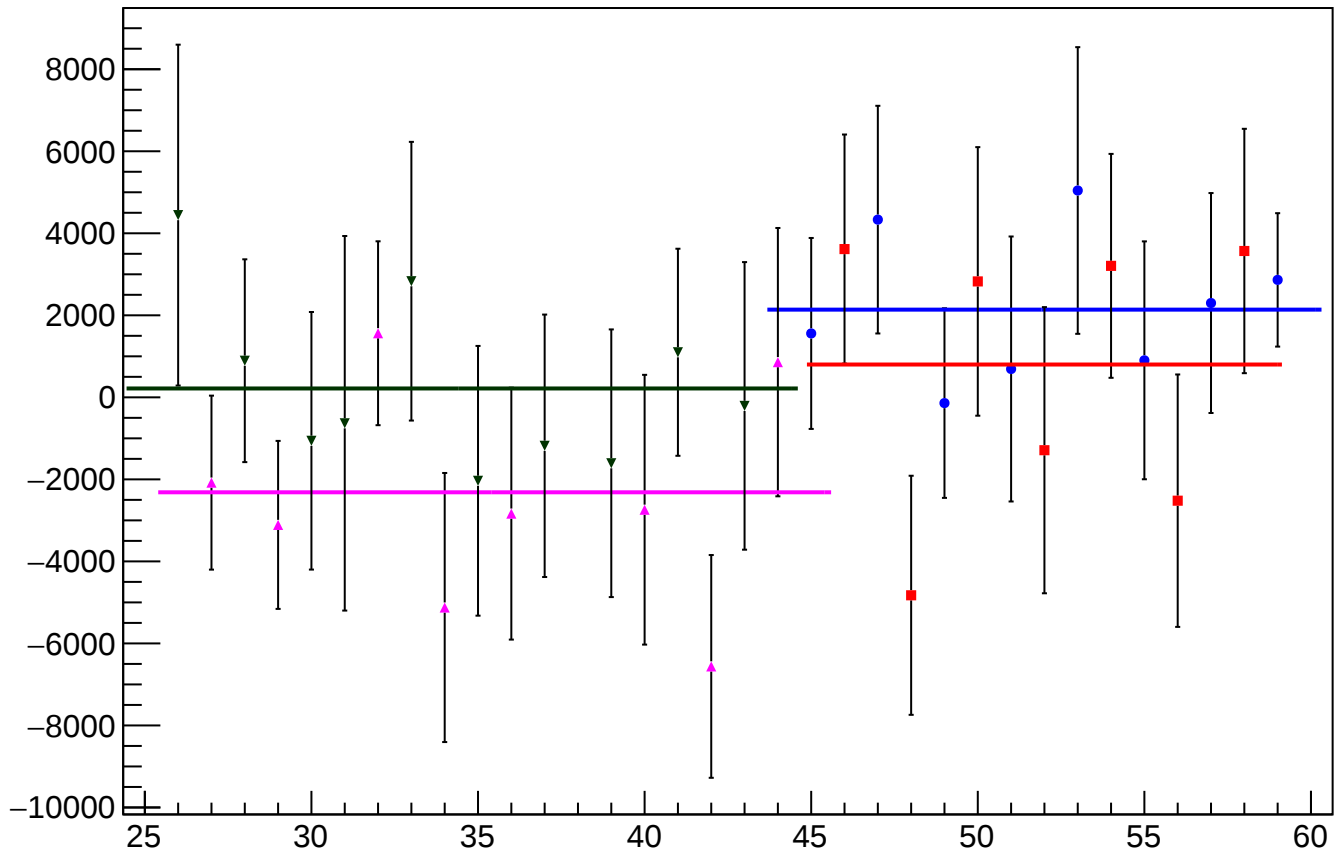
Left Out: 395.636 ± 0.123 χ^2/NDF : 10131.9/9

Right Out: 399.573 ± 0.152 χ^2/NDF : 36647.1/6

Left In: 402.320 ± 0.127 χ^2/NDF : 40146.8/7

394.696 ± 0.065 χ^2/NDF : 191160.7/32

asym_atl2_correction_mean vs slug



Right In: 2138.483 $\pm$ 872.008 χ^2 /NDF: 2.9/7

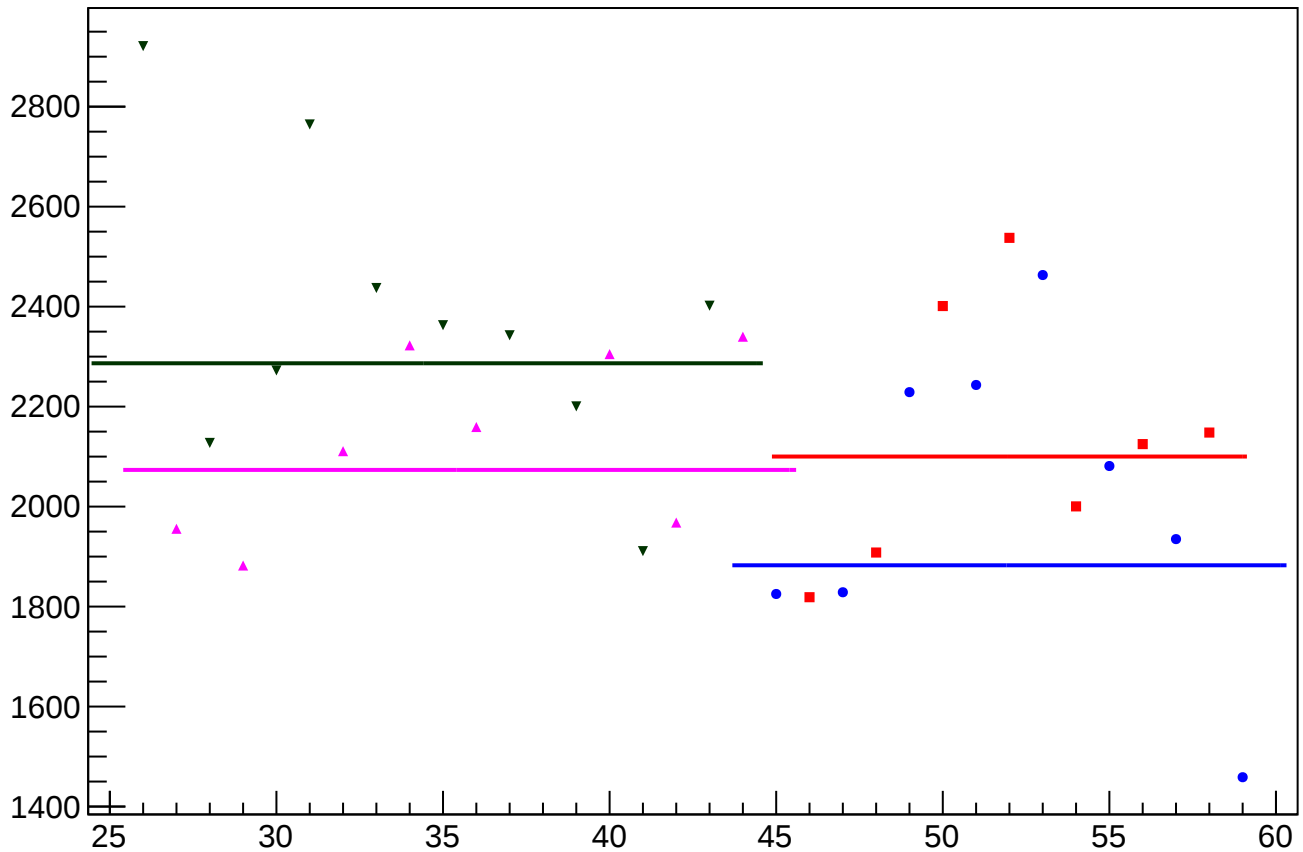
Left Out: 216.258 $\pm$ 1010.244 χ^2 /NDF: 3.0/9

Right Out: 800.202 $\pm$ 1136.817 χ^2 /NDF: 8.3/6

Left In: -2315.339 $\pm$ 920.569 χ^2 /NDF: 7.3/7

214.480 $\pm$ 485.144 χ^2 /NDF: 34.2/32

asym_atl2_correction_rms vs slug



Right In: 1882.595+/-0.617 χ^2/NDF : 273003.5/7

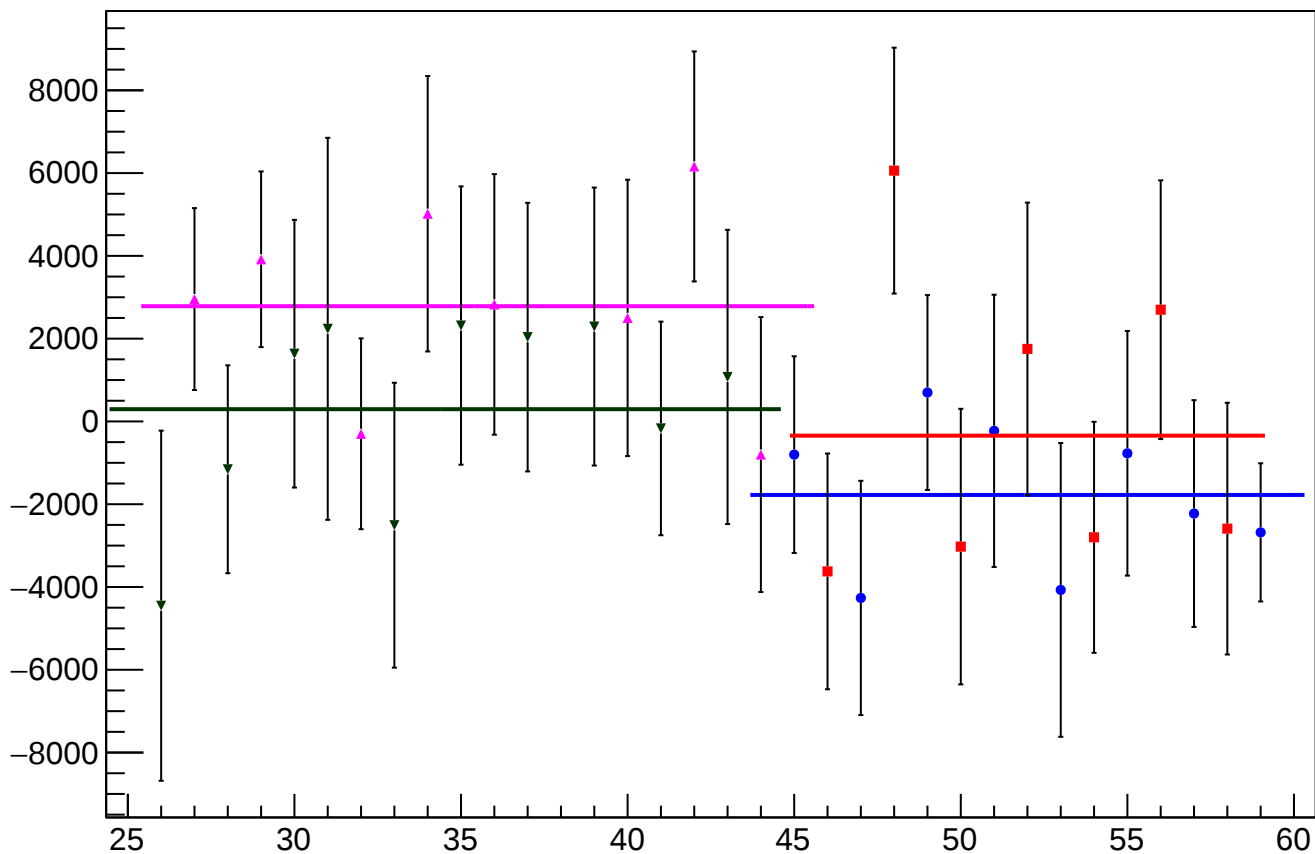
Left Out: 2286.677+/-0.714 χ^2/NDF : 130336.9/9

2068.391+/-0.343 χ^2/NDF : 733231.4/32

Right Out: 2100.135+/-0.804 χ^2/NDF : 80645.8/6

Left In: 2073.386+/-0.651 χ^2/NDF : 63457.3/7

asym_atl2_mean vs slug



Right In: -1775.997 ± 890.503 χ^2/NDF : 3.1/7

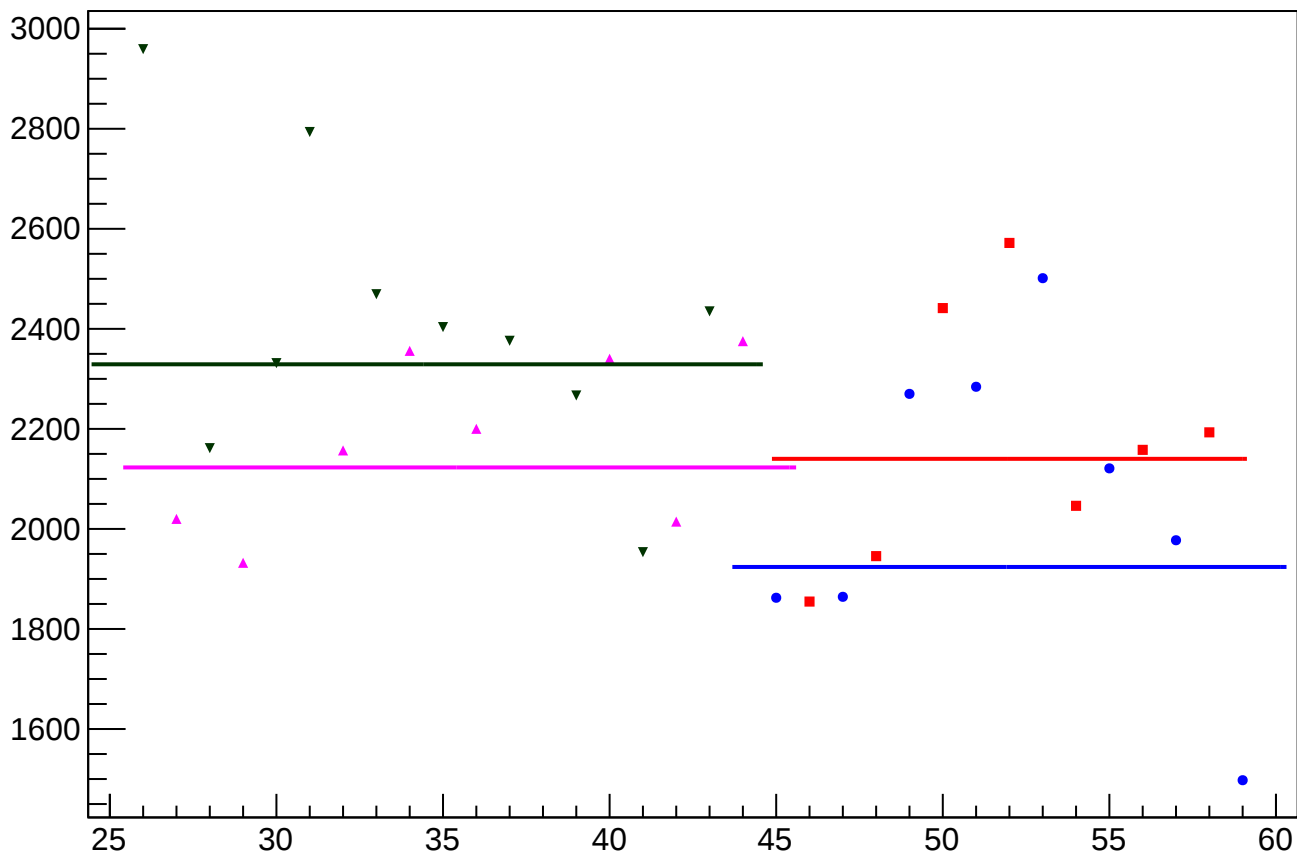
Left Out: 296.079 ± 1029.874 χ^2/NDF : 3.7/9

Right Out: -343.245 ± 1157.968 χ^2/NDF : 9.2/6

Left In: 2784.125 ± 945.556 χ^2/NDF : 5.2/7

220.627 ± 495.797 χ^2/NDF : 33.9/32

asym_atl2_rms vs slug



Right In: 1923.971 ± 0.630 χ^2/NDF : 262484.1/7

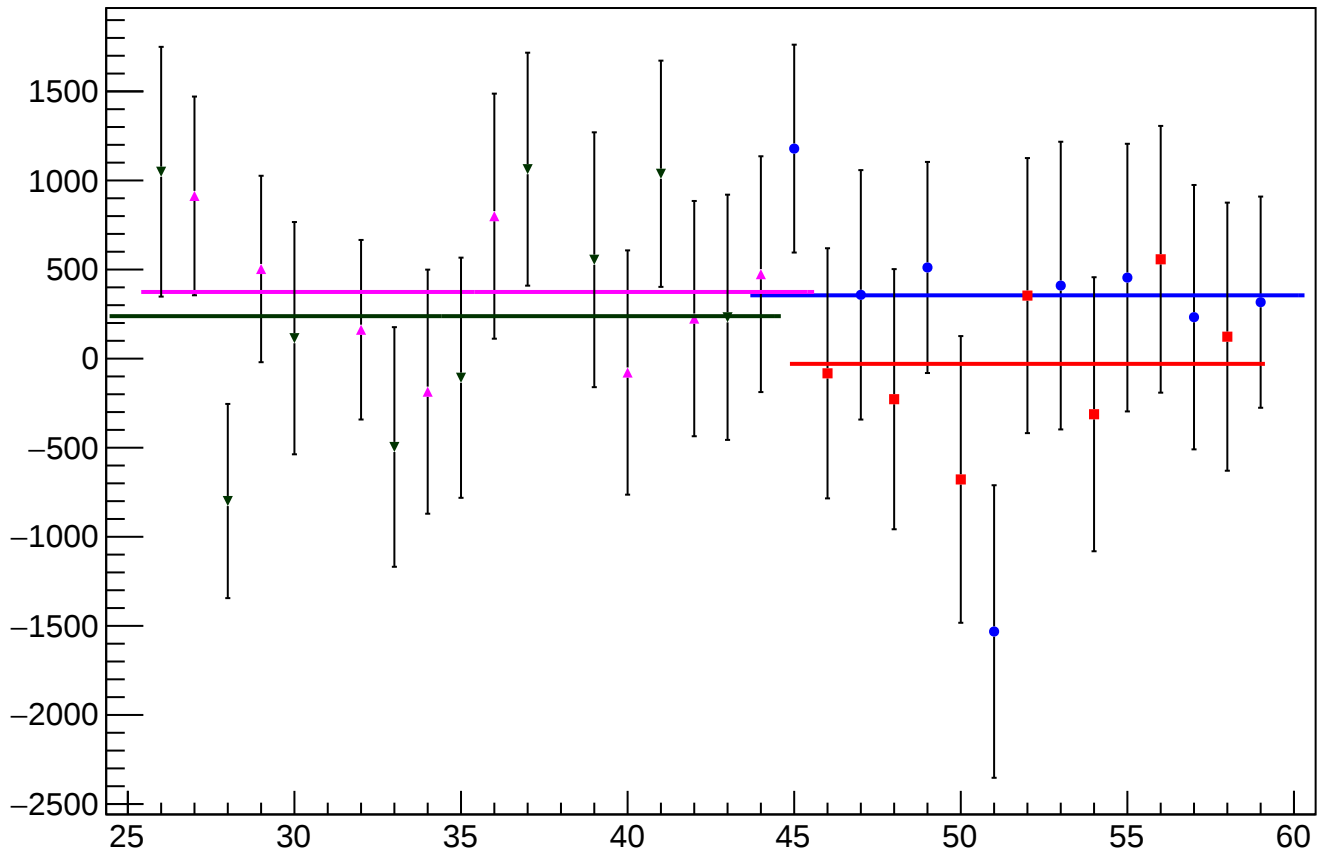
Left Out: 2329.125 ± 0.728 χ^2/NDF : 123081.1/9

Right Out: 2140.141 ± 0.819 χ^2/NDF : 77791.2/6

Left In: 2122.943 ± 0.669 χ^2/NDF : 55037.1/7

2112.203 ± 0.351 χ^2/NDF : 697905.9/32

reg_asym_atr1_mean vs slug



Right In: 355.264+/-240.556 χ^2/NDF : 7.4/7

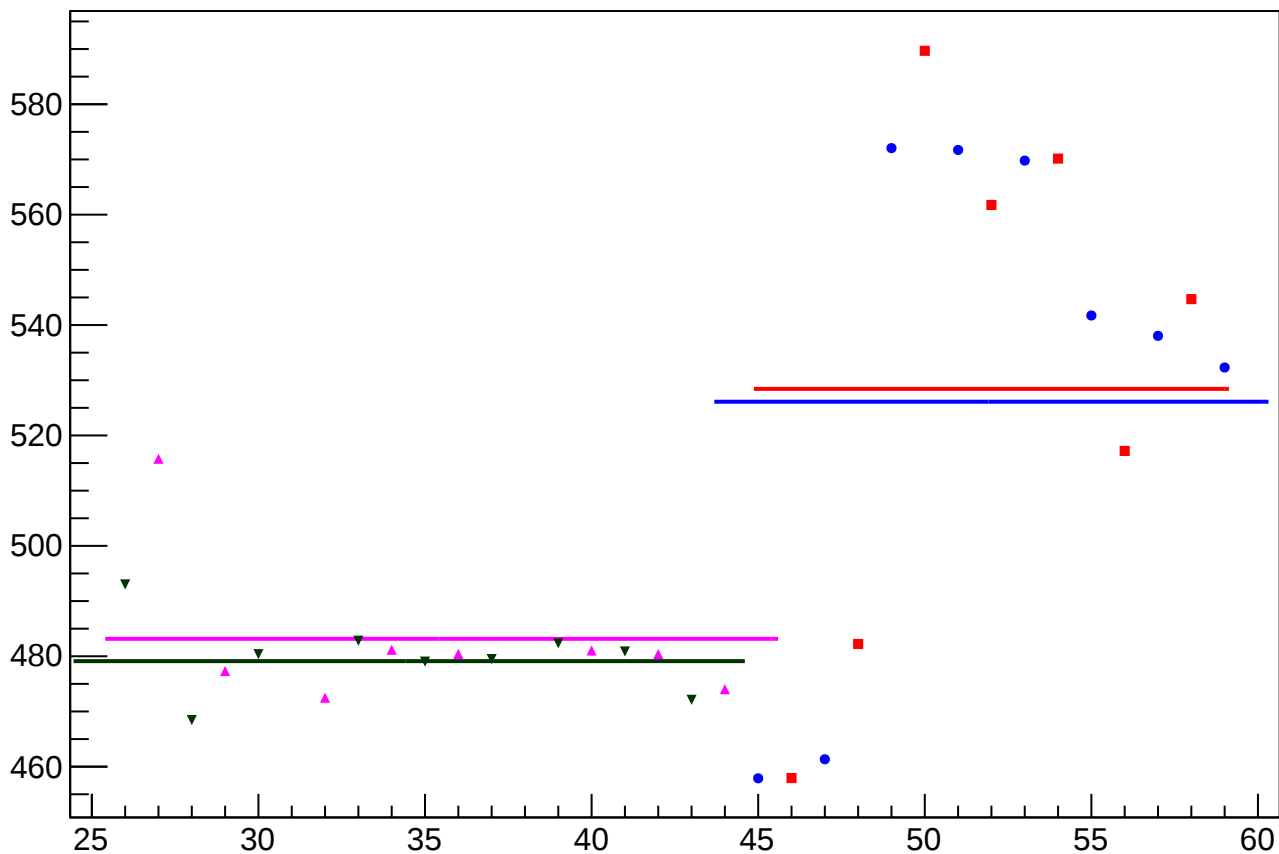
Left Out: 238.372+/-217.936 χ^2/NDF : 9.8/8

261.298+/-117.475 χ^2/NDF : 23.2/31

Right Out: -29.387+/-284.327 χ^2/NDF : 1.8/6

Left In: 374.119+/-214.392 χ^2/NDF : 2.7/7

reg_asym_atr1_rms vs slug



Right In: 526.110 $\pm$ 0.170 χ^2 /NDF: 70118.8/7

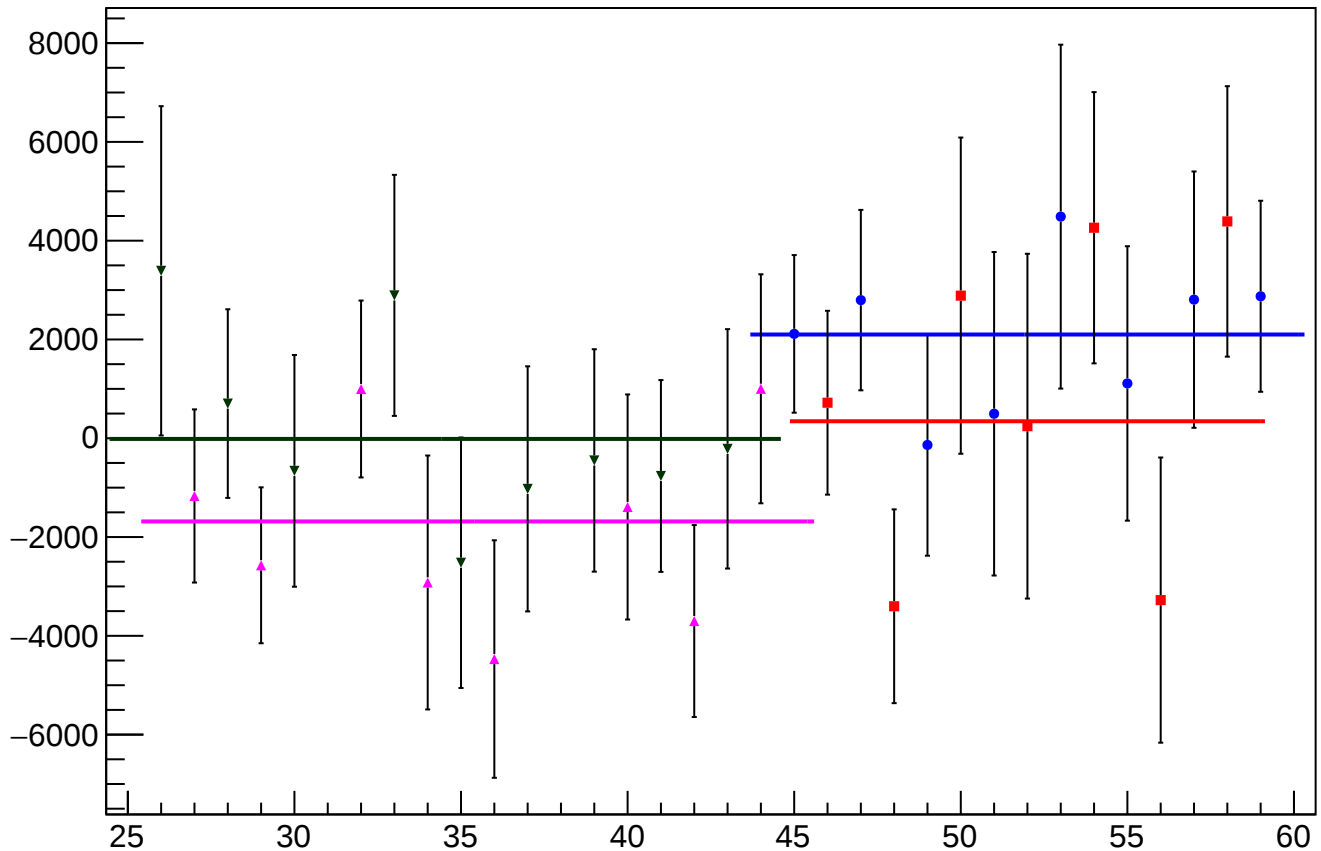
Left Out: 479.120 $\pm$ 0.154 χ^2 /NDF:1886.5/8

Right Out: 528.436 $\pm$ 0.201 χ^2 /NDF: 50764.8/6

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF:8470.0/7

499.958 $\pm$ 0.083 χ^2 /NDF: 205506.0/31

asym_atr1_correction_mean vs slug



Right In: 2100.386+/-787.456 χ^2/NDF : 2.2/7

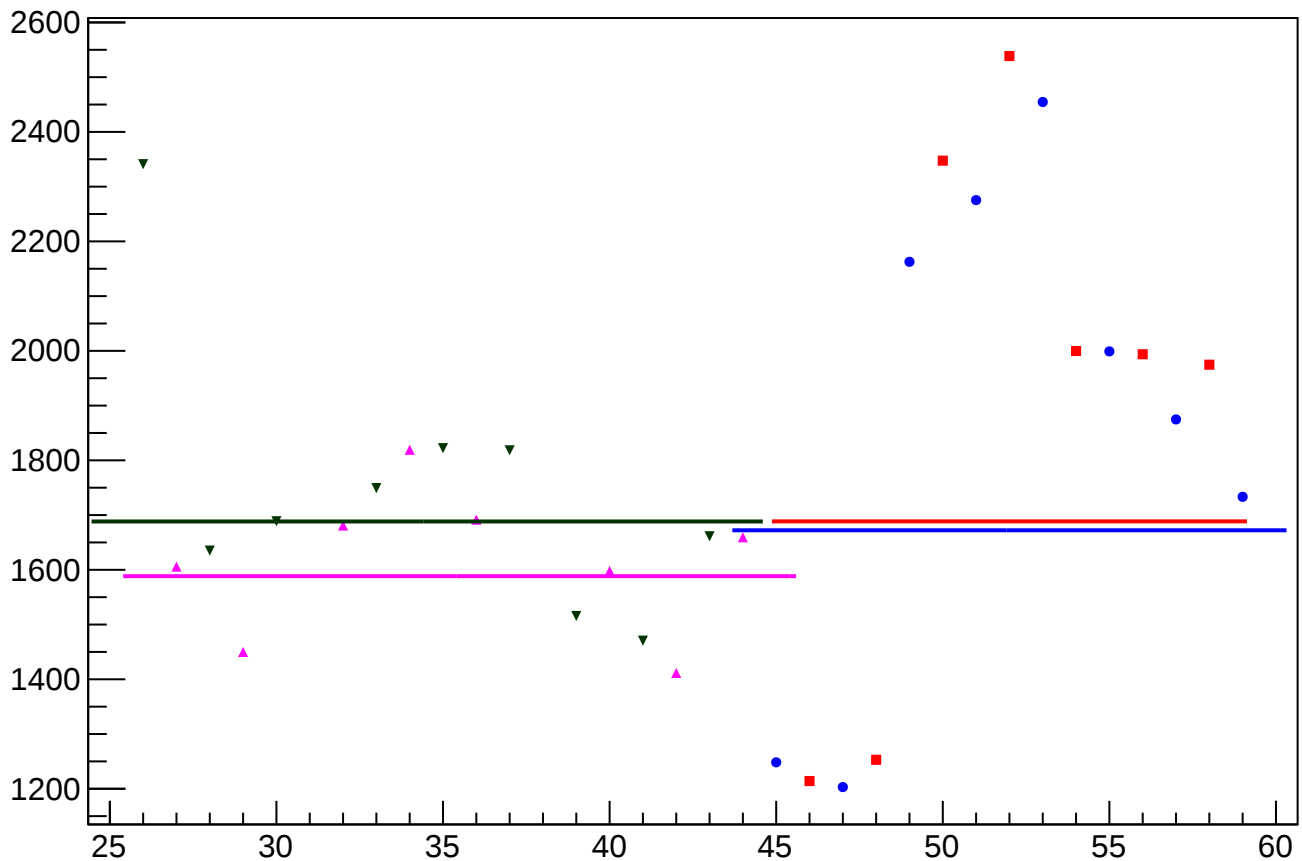
Left Out: -13.564+/-775.077 χ^2/NDF : 4.0/8

57.686+/-395.341 χ^2/NDF : 35.9/31

Right Out: 344.121+/-947.331 χ^2/NDF : 10.1/6

Left In: -1683.939+/-705.940 χ^2/NDF : 6.7/7

asym_atr1_correction_rms vs slug



Right In: 1672.206 $\pm$ 0.557 χ^2 /NDF: 579551.0/7

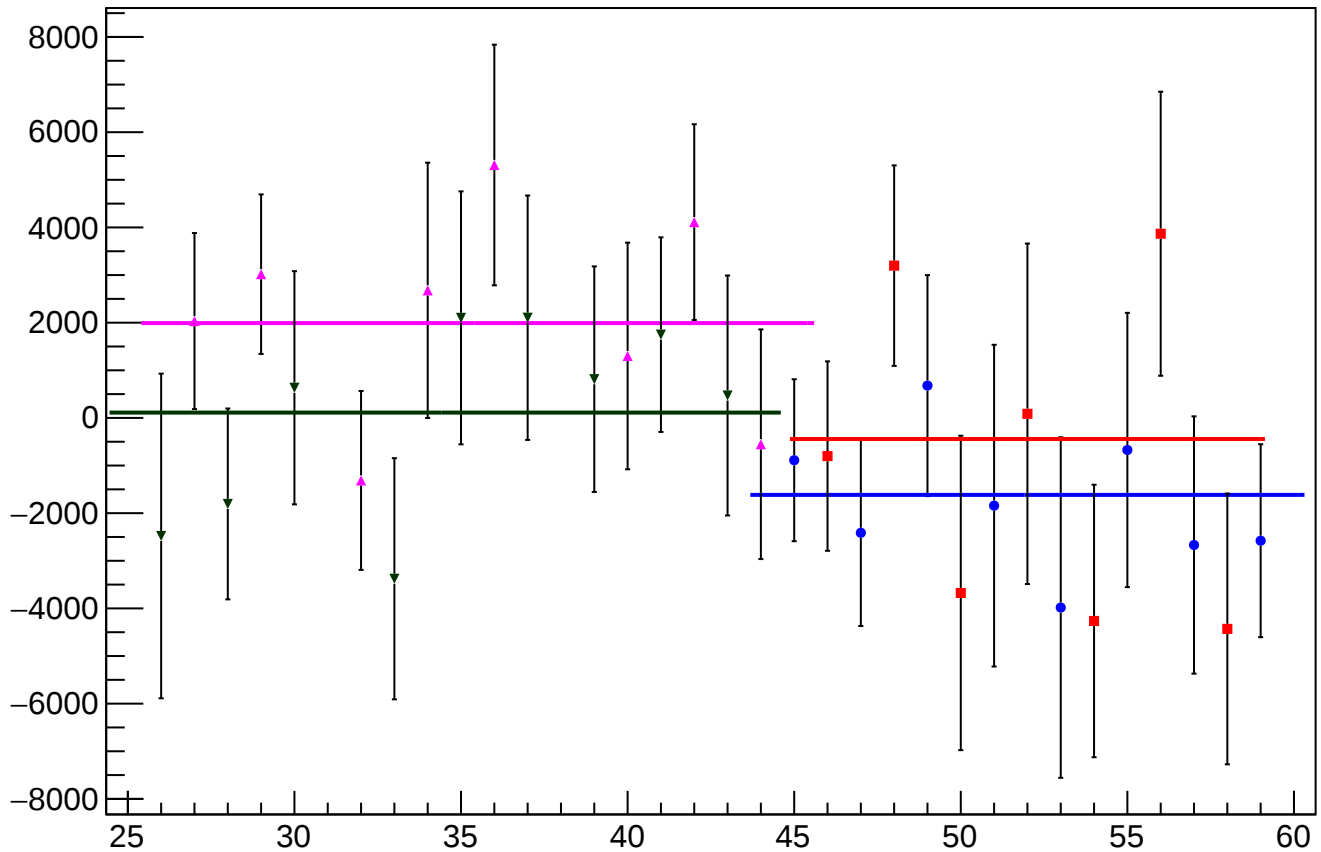
Left Out: 1688.324 $\pm$ 0.548 χ^2 /NDF: 127706.3/8

1652.955 $\pm$ 0.280 χ^2 /NDF: 1293293.1/31

Right Out: 1688.525 $\pm$ 0.670 χ^2 /NDF: 501899.3/6

Left In: 1588.391 $\pm$ 0.499 χ^2 /NDF: 59227.6/7

asym_atr1_mean vs slug



Right In: -1616.109 ± 827.613 χ^2/NDF : 2.3/7

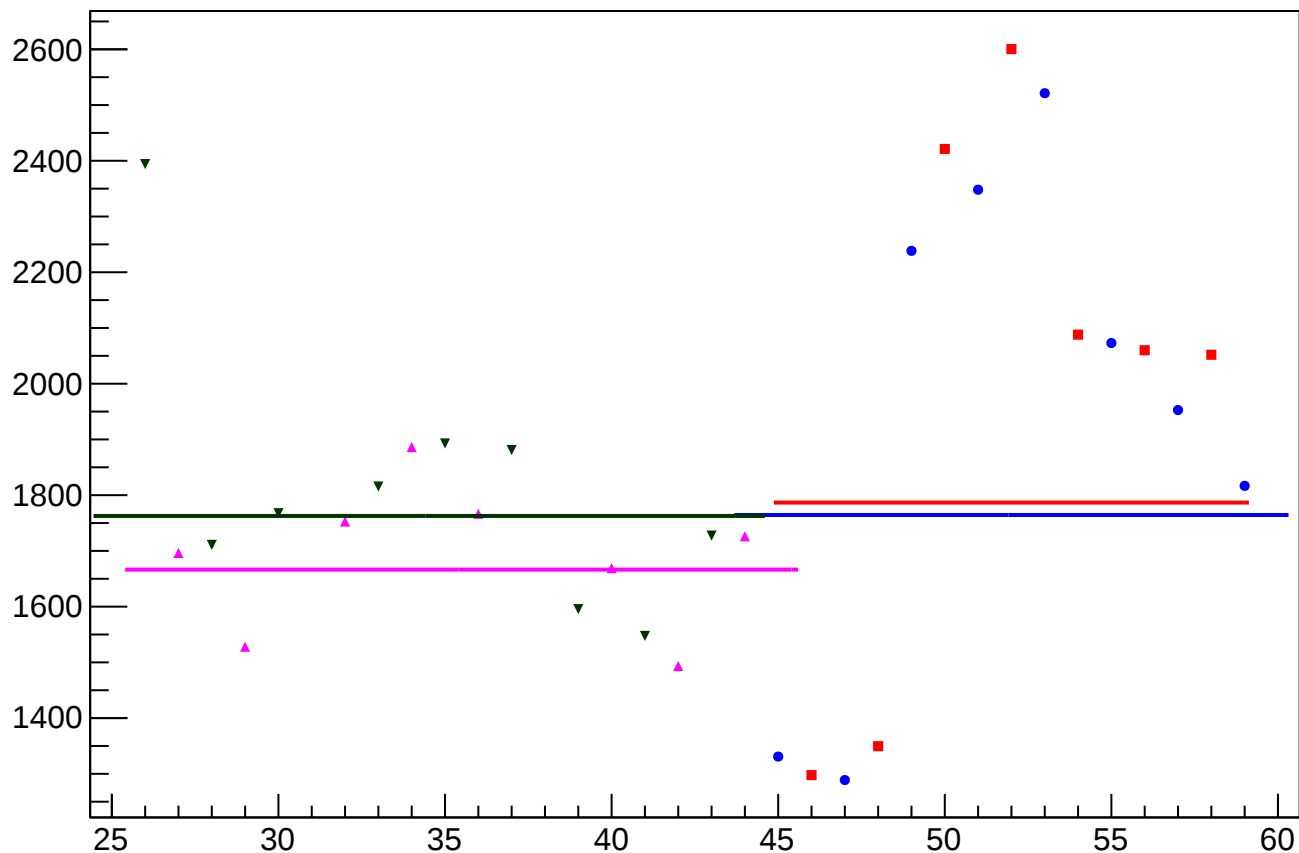
Left Out: 112.152 ± 809.295 χ^2/NDF : 5.4/8

168.433 ± 414.981 χ^2/NDF : 36.0/31

Right Out: -442.800 ± 996.745 χ^2/NDF : 9.8/6

Left In: 1991.664 ± 742.563 χ^2/NDF : 7.5/7

asym_atr1_rms vs slug



Right In: 1764.422+/-0.585 χ^2/NDF : 514893.7/7

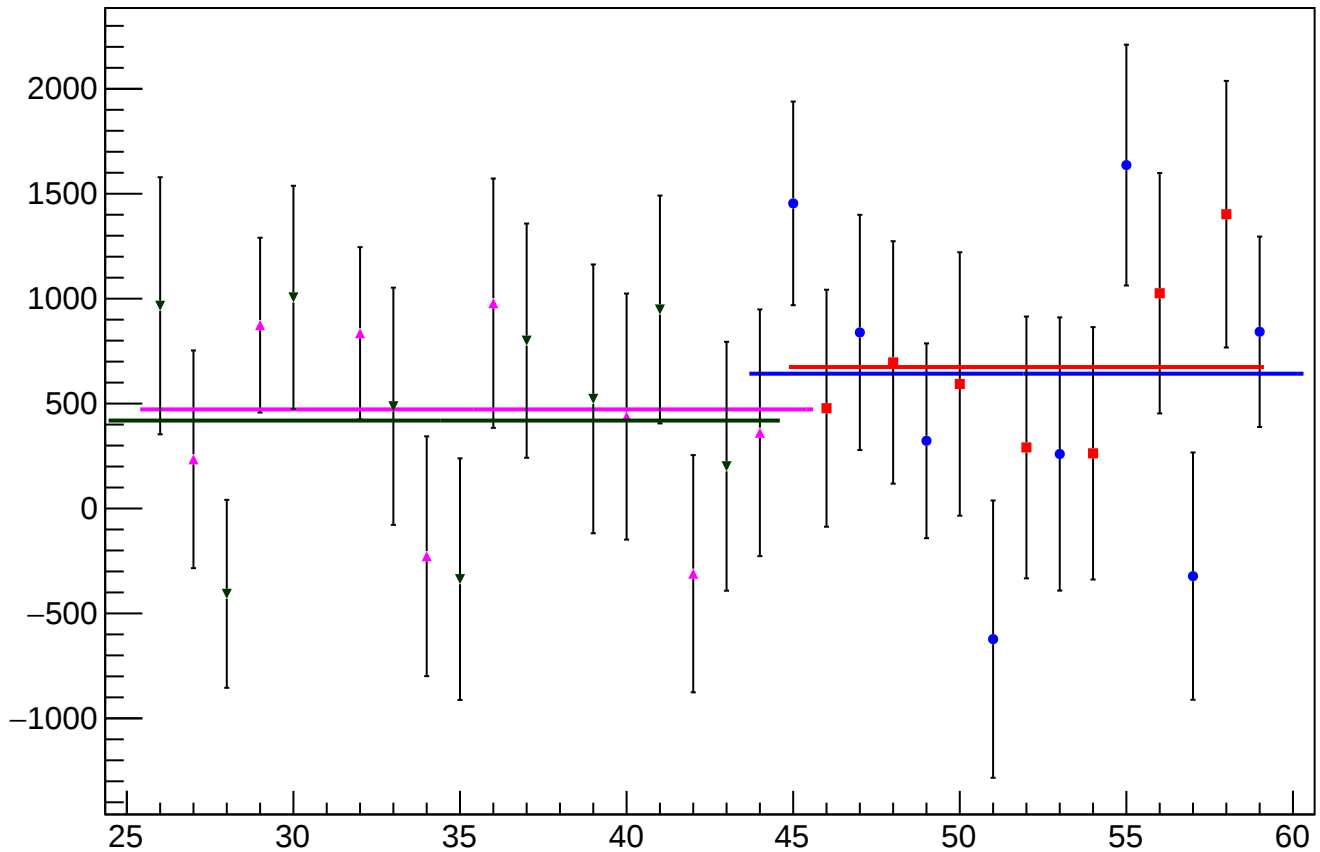
Left Out: 1762.716+/-0.572 χ^2/NDF : 112433.4/8

Right Out: 1786.775+/-0.705 χ^2/NDF : 440872.1/6

Left In: 1666.436+/-0.525 χ^2/NDF : 50358.5/7

1737.246+/-0.293 χ^2/NDF : 1145820.1/31

reg_asym_atr2_mean vs slug



Right In: 642.461 ± 190.698 χ^2/NDF : 13.3/7

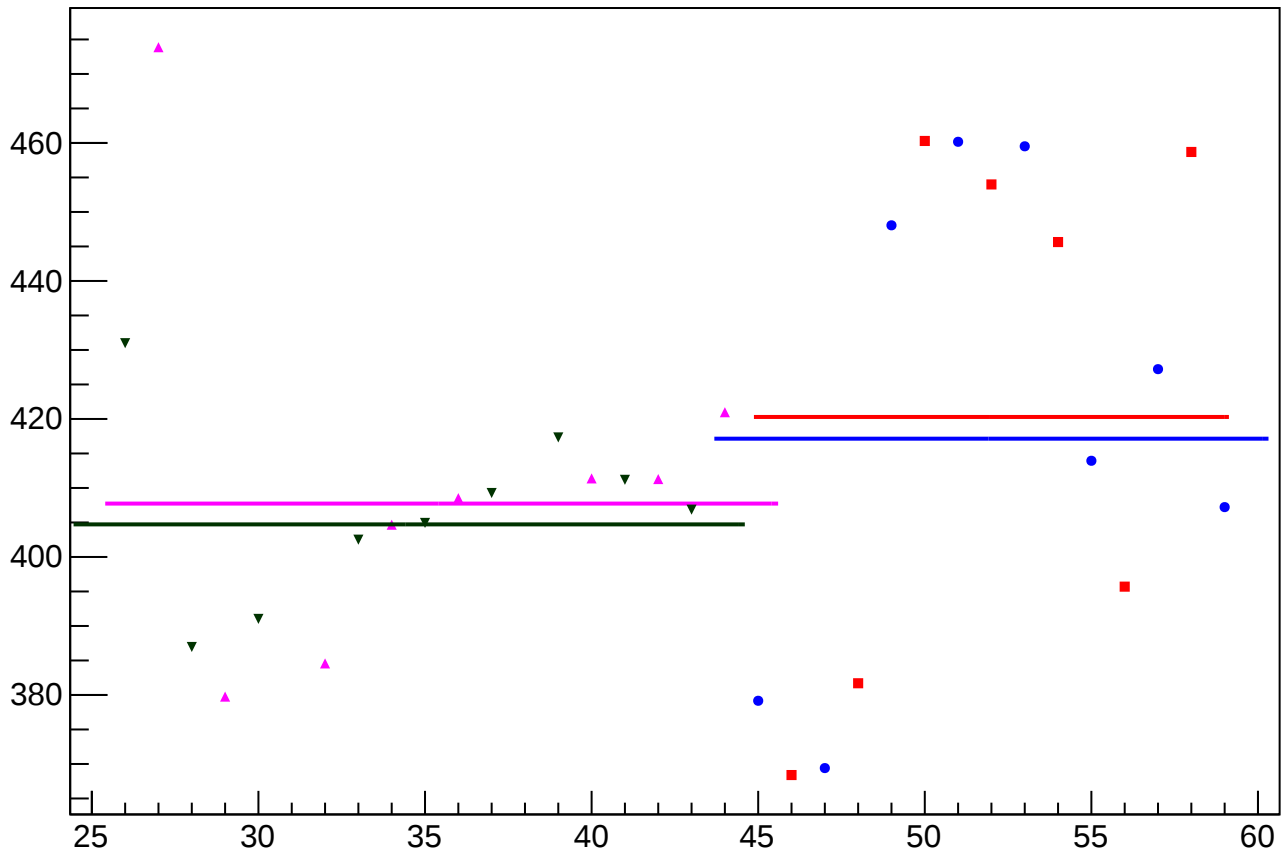
Left Out: 419.150 ± 185.000 χ^2/NDF : 8.7/8

538.715 ± 96.903 χ^2/NDF : 32.0/31

Right Out: 674.240 ± 226.277 χ^2/NDF : 2.7/6

Left In: 472.383 ± 181.829 χ^2/NDF : 6.1/7

reg_asym_atr2_rms vs slug



Right In: 417.143 $\pm$ 0.135 χ^2 /NDF: 54194.1/7

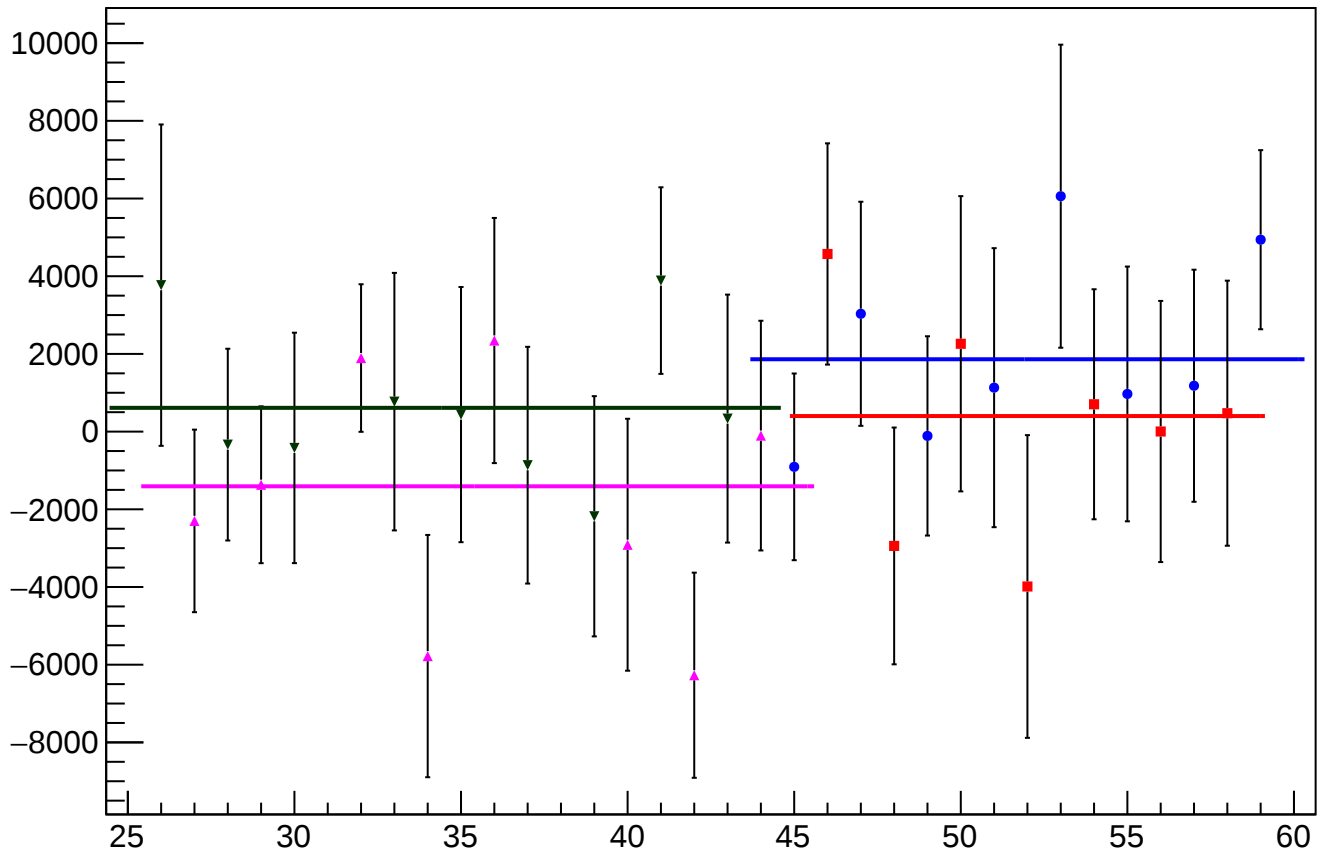
Left Out: 404.722 $\pm$ 0.131 χ^2 /NDF: 9396.7/8

Right Out: 420.291 $\pm$ 0.160 χ^2 /NDF: 54323.1/6

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.5/7

411.641 $\pm$ 0.069 χ^2 /NDF: 175357.4/31

asym_atr2_correction_mean vs slug



Right In: 1862.452 $\pm$ 1009.193 χ^2 /NDF: 5.2/7

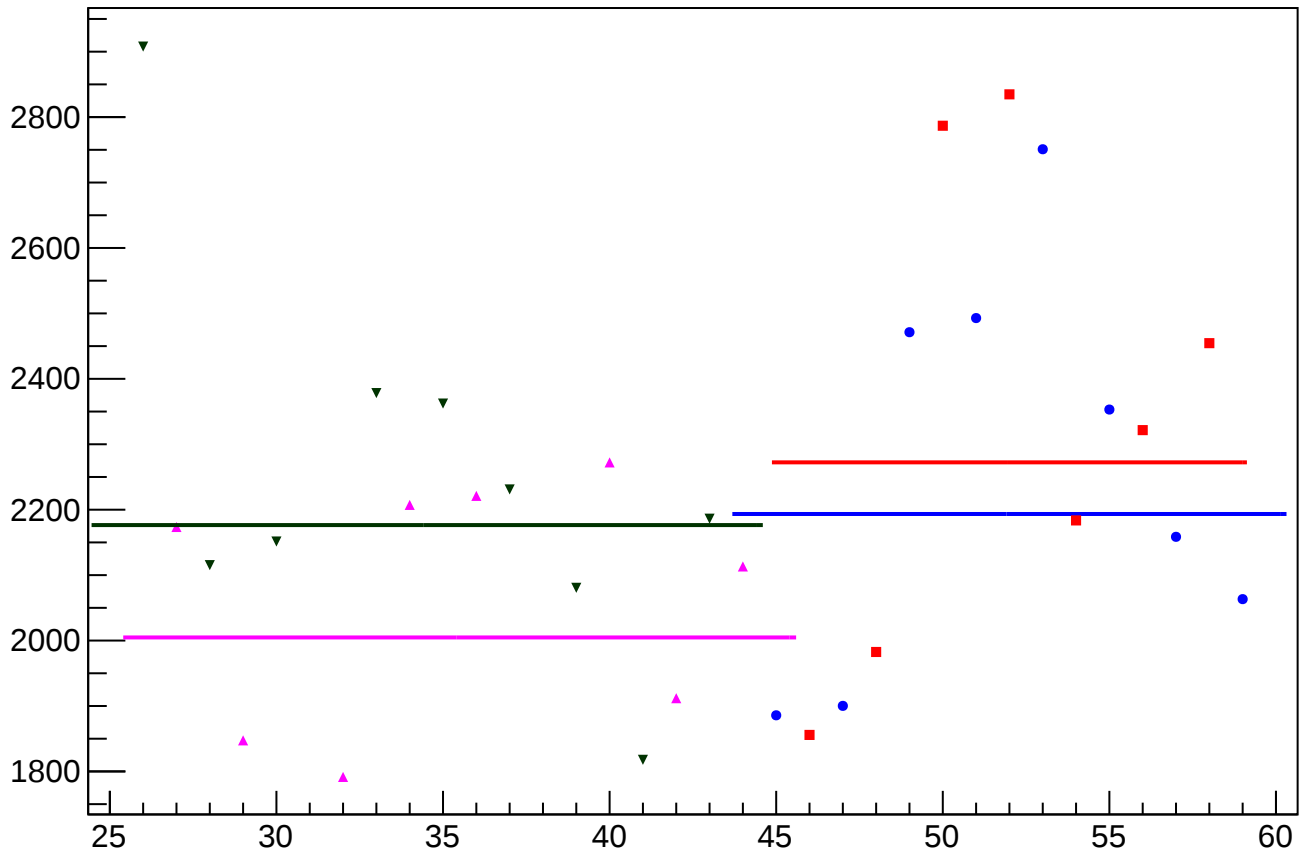
Left Out: 611.983 $\pm$ 998.079 χ^2 /NDF: 3.8/8

238.729 $\pm$ 506.352 χ^2 /NDF: 30.4/31

Right Out: 400.577 $\pm$ 1235.994 χ^2 /NDF: 4.9/6

Left In: -1408.067 $\pm$ 890.882 χ^2 /NDF: 10.3/7

asym_atr2_correction_rms vs slug



Right In: 2193.441+/-0.714 χ^2/NDF : 143053.4/7

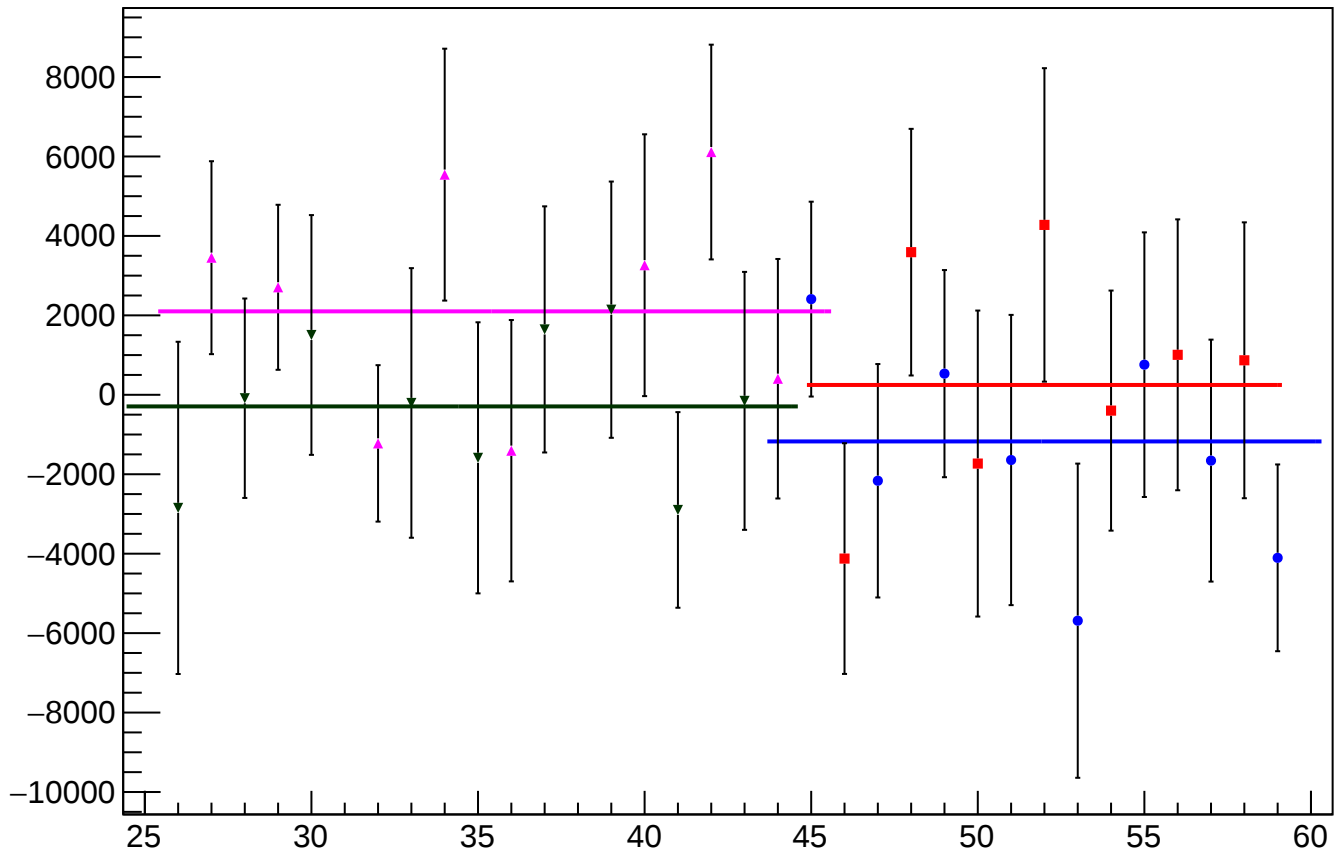
Left Out: 2176.497+/-0.706 χ^2/NDF : 124899.3/8

2141.369+/-0.358 χ^2/NDF : 576662.8/31

Right Out: 2272.353+/-0.874 χ^2/NDF : 147137.1/6

Left In: 2004.754+/-0.630 χ^2/NDF : 84278.5/7

asym_atr2_mean vs slug



Right In: -1173.893 ± 1027.718 χ^2/NDF : 5.9/7

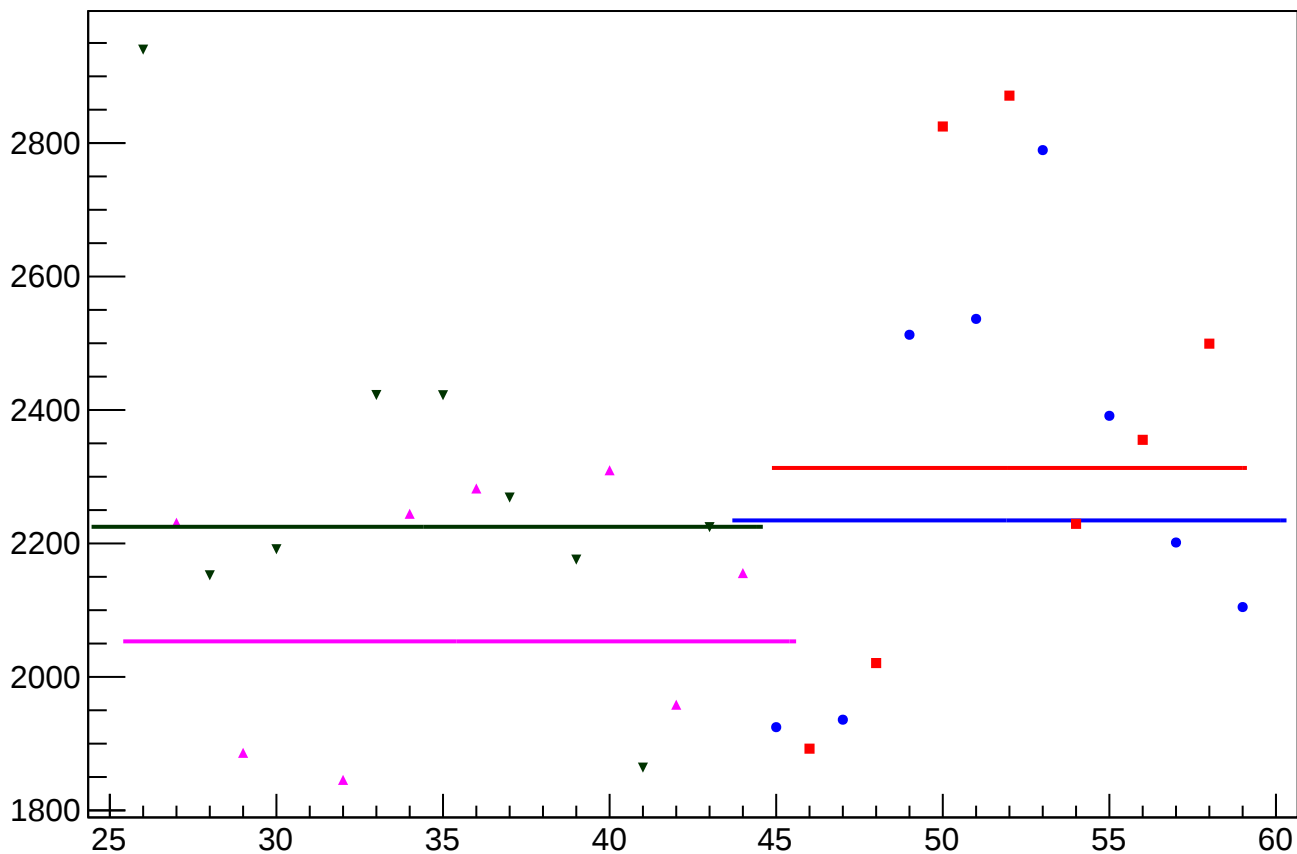
Left Out: -292.554 ± 1021.514 χ^2/NDF : 3.0/8

339.199 ± 517.965 χ^2/NDF : 28.2/31

Right Out: 247.686 ± 1257.515 χ^2/NDF : 4.9/6

Left In: 2100.632 ± 916.751 χ^2/NDF : 8.2/7

asym_atr2_rms vs slug



Right In: 2234.526+/-0.727 χ^2/NDF : 139137.5/7

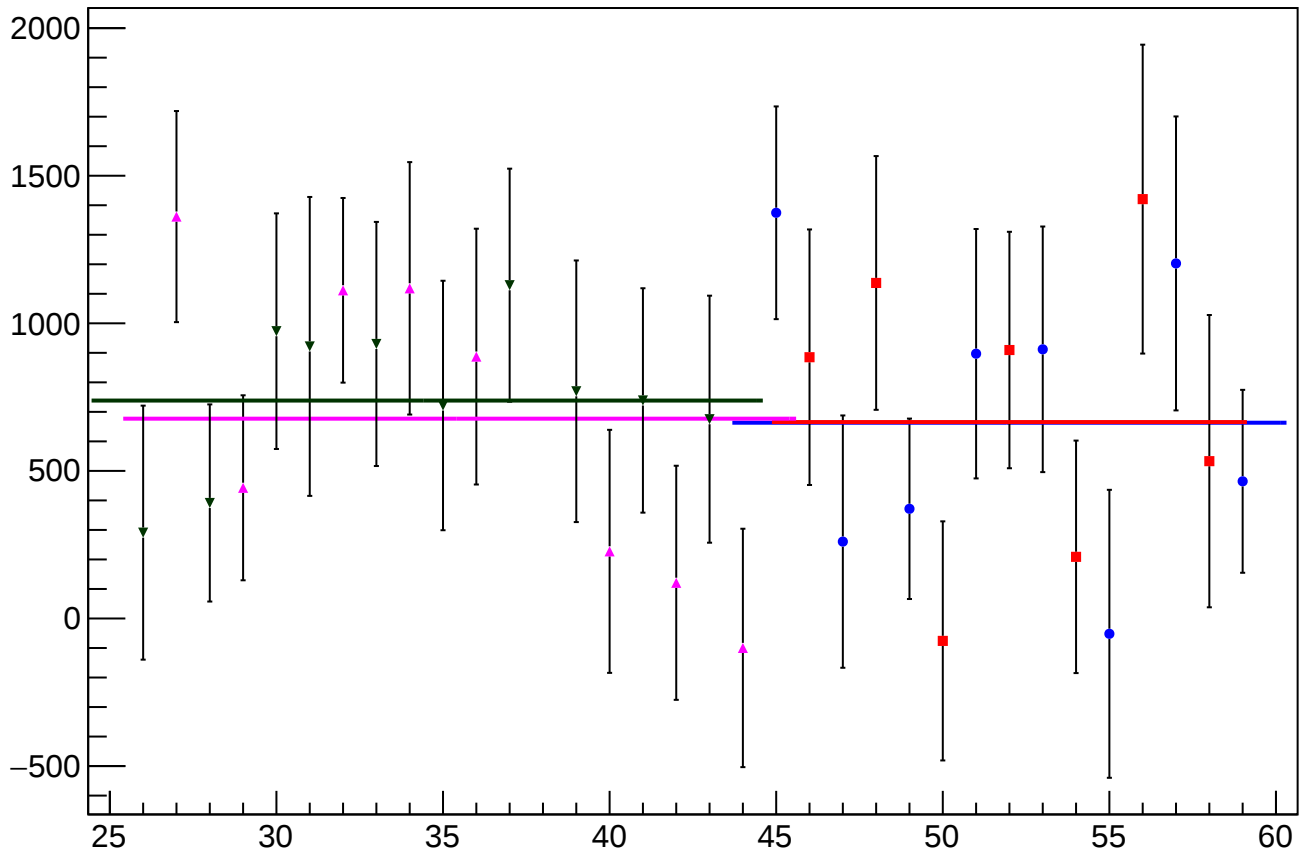
Left Out: 2224.962+/-0.722 χ^2/NDF :117664.9/8

Right Out: 2313.141+/-0.889 χ^2/NDF : 142579.6/6

Left In: 2053.263+/-0.648 χ^2/NDF :79708.2/7

2187.541+/-0.366 χ^2/NDF : 548814.1/31

reg_asym_atl_avg_mean vs slug



Right In: 663.247 ± 136.193 χ^2/NDF : 10.1/7

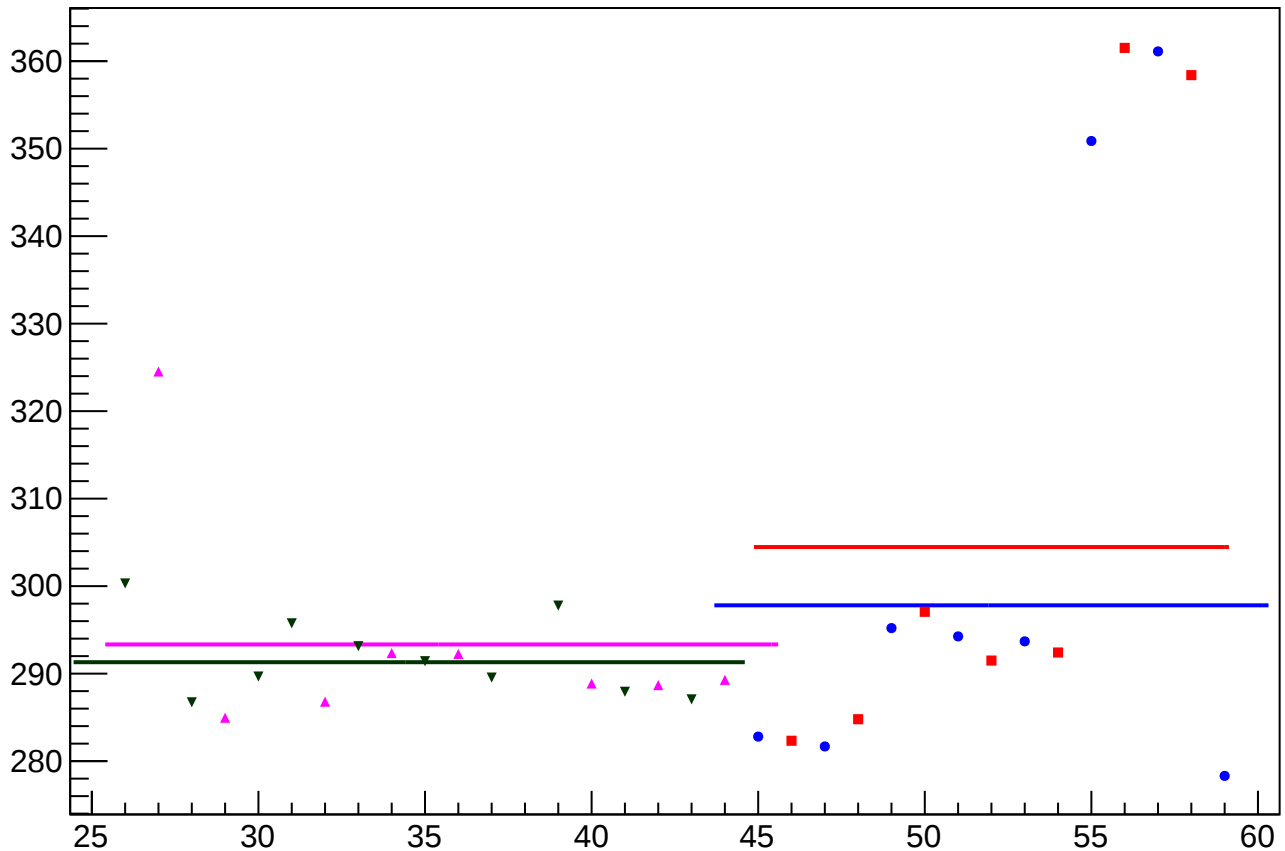
Left Out: 738.316 ± 128.954 χ^2/NDF : 3.9/9

689.035 ± 69.218 χ^2/NDF : 37.2/32

Right Out: 665.450 ± 163.827 χ^2/NDF : 8.7/6

Left In: 676.938 ± 131.978 χ^2/NDF : 14.3/7

reg_asym_atl_avg_rms vs slug



Right In: 297.806+/-0.096 χ^2/NDF : 70707.4/7

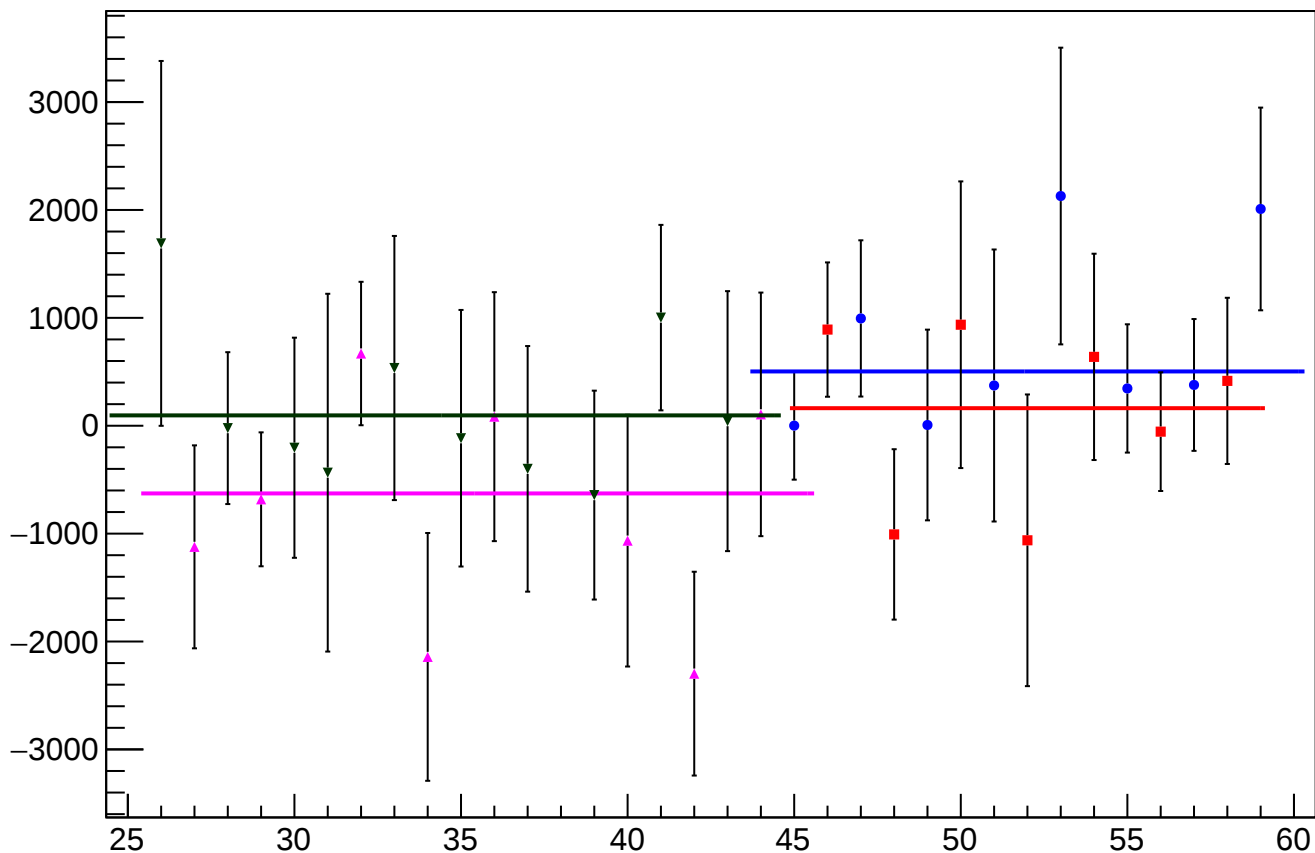
Left Out: 291.305+/-0.091 χ^2/NDF : 2308.5/9

295.893+/-0.049 χ^2/NDF : 161992.5/32

Right Out: 304.468+/-0.116 χ^2/NDF : 61564.8/6

Left In: 293.335+/-0.093 χ^2/NDF : 18255.8/7

asym_atl_avg_correction_mean vs slug



Right In: 503.269+/-258.394 χ^2/NDF : 5.9/7

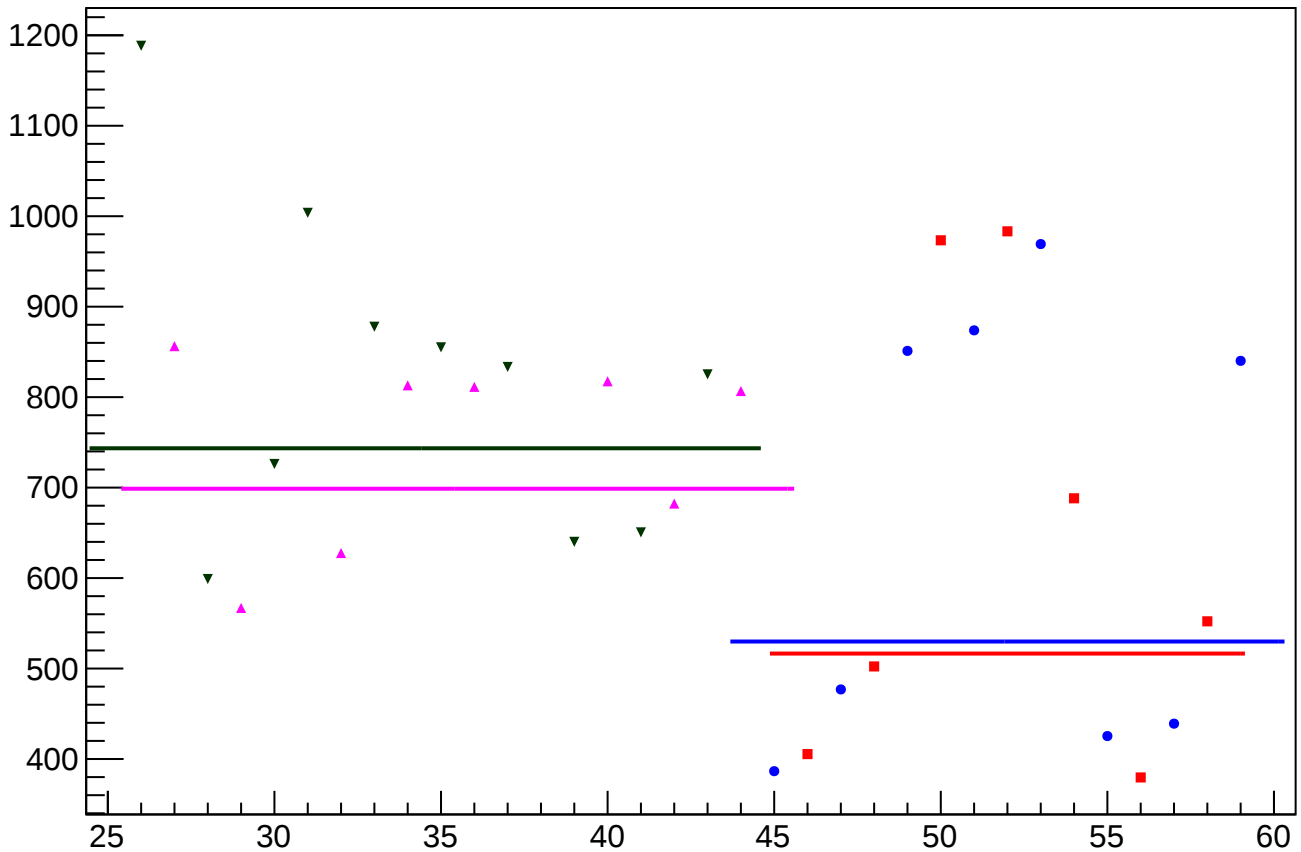
Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

Right Out: 162.703+/-296.411 χ^2/NDF : 5.2/6

Left In: -627.377+/-314.053 χ^2/NDF : 9.9/7

85.534+/-148.336 χ^2/NDF : 32.0/32

asym_atl_avg_correction_rms vs slug



Right In: 529.860+/-0.183 χ^2/NDF : 1116017.9/7

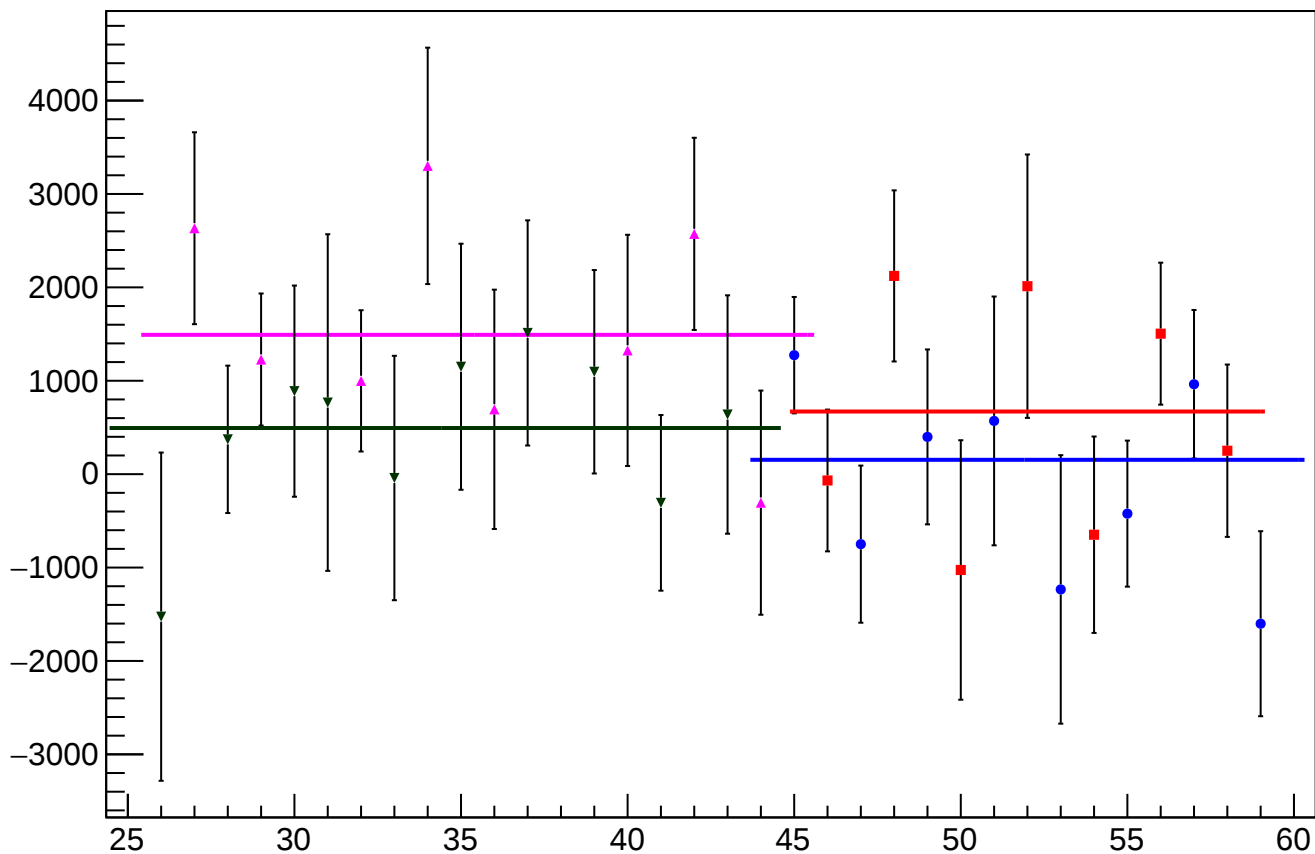
Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

606.274+/-0.105 χ^2/NDF : 3346470.7/32

Right Out: 516.555+/-0.210 χ^2/NDF : 731948.7/6

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

asym_atl_avg_mean vs slug



Right In: 153.709 $\pm$ 309.891 χ^2/NDF : 10.2/7

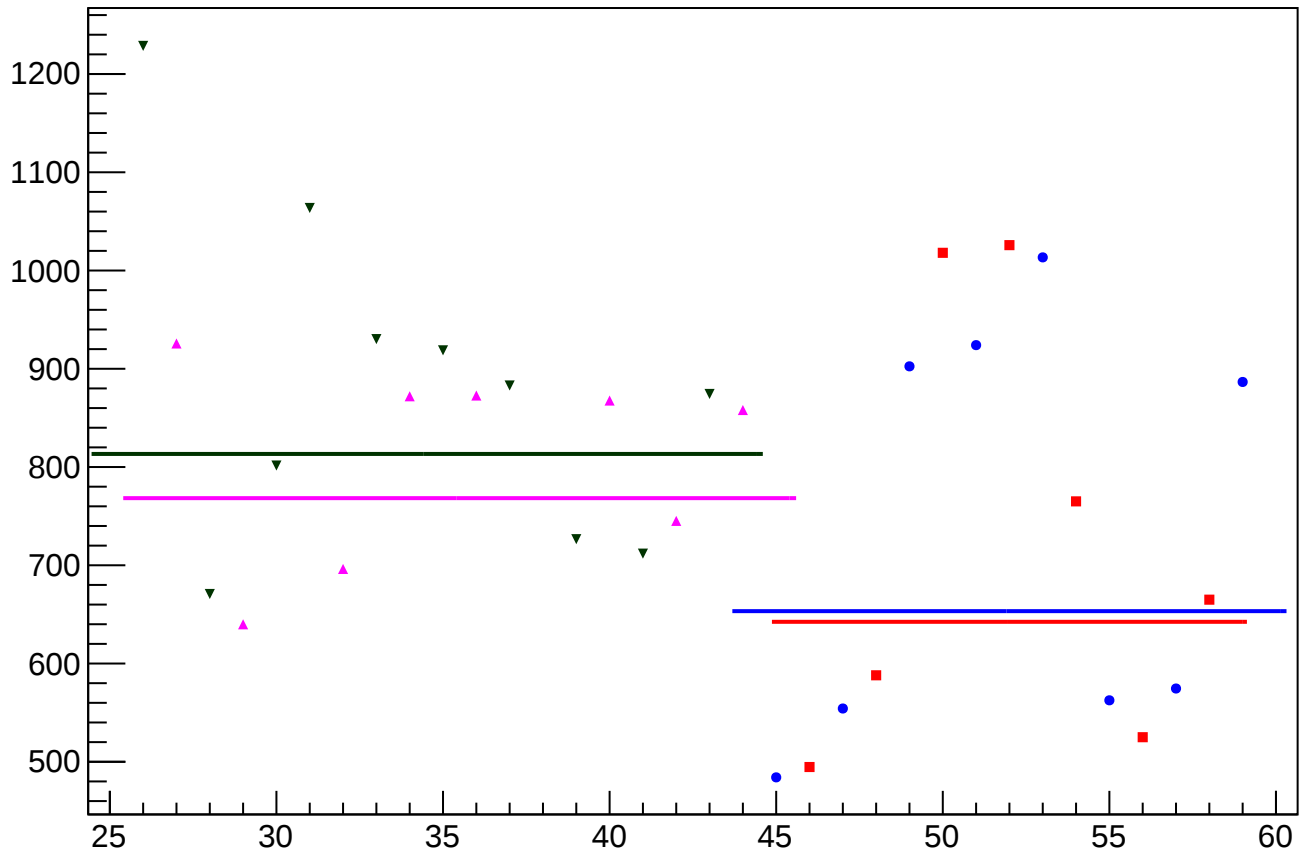
Left Out: 494.045 $\pm$ 366.212 χ^2/NDF : 3.7/9

Right Out: 670.736 $\pm$ 359.017 χ^2/NDF : 8.8/6

Left In: 1491.627 $\pm$ 348.747 χ^2/NDF : 7.6/7

672.155 $\pm$ 171.878 χ^2/NDF : 38.9/32

asym_atl_avg_rms vs slug



Right In: 653.317+/-0.219 χ^2/NDF : 682377.0/7

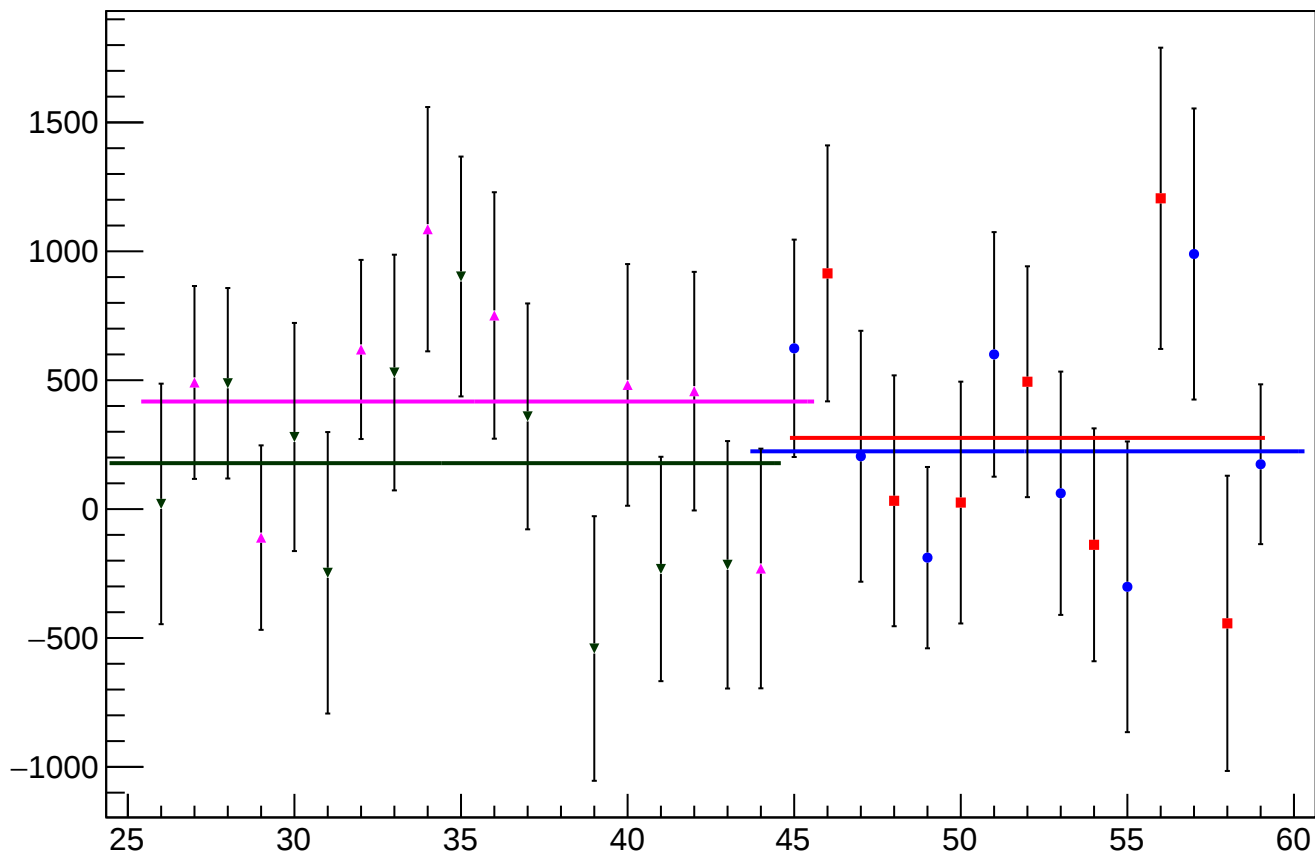
Left Out: 813.323+/-0.259 χ^2/NDF : 291804.3/9

Right Out: 642.469+/-0.254 χ^2/NDF : 453016.2/6

Left In: 768.326+/-0.247 χ^2/NDF : 182845.3/7

714.012+/-0.122 χ^2/NDF : 1961775.8/32

reg_asym_atl_dd_mean vs slug



Right In: 224.138 $\pm$ 151.526 χ^2 /NDF: 5.8/7

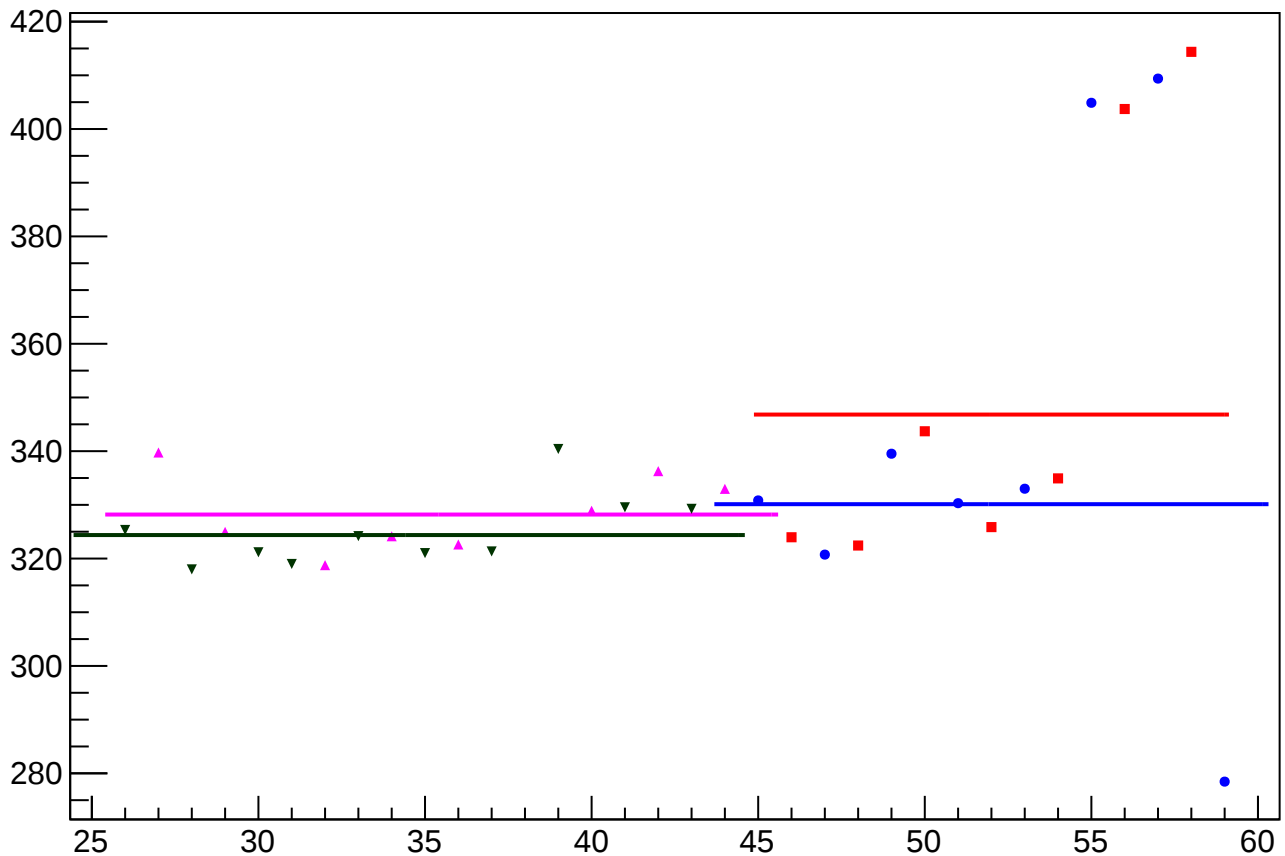
Left Out: 178.217 $\pm$ 143.718 χ^2 /NDF: 8.2/9

Right Out: 276.214 $\pm$ 186.686 χ^2 /NDF: 7.4/6

Left In: 417.319 $\pm$ 147.577 χ^2 /NDF: 7.0/7

273.010 $\pm$ 77.480 χ^2 /NDF: 29.8/32

reg_asym_atl_dd_rms vs slug



Right In: 330.127+/-0.107 χ^2/NDF : 132401.6/7

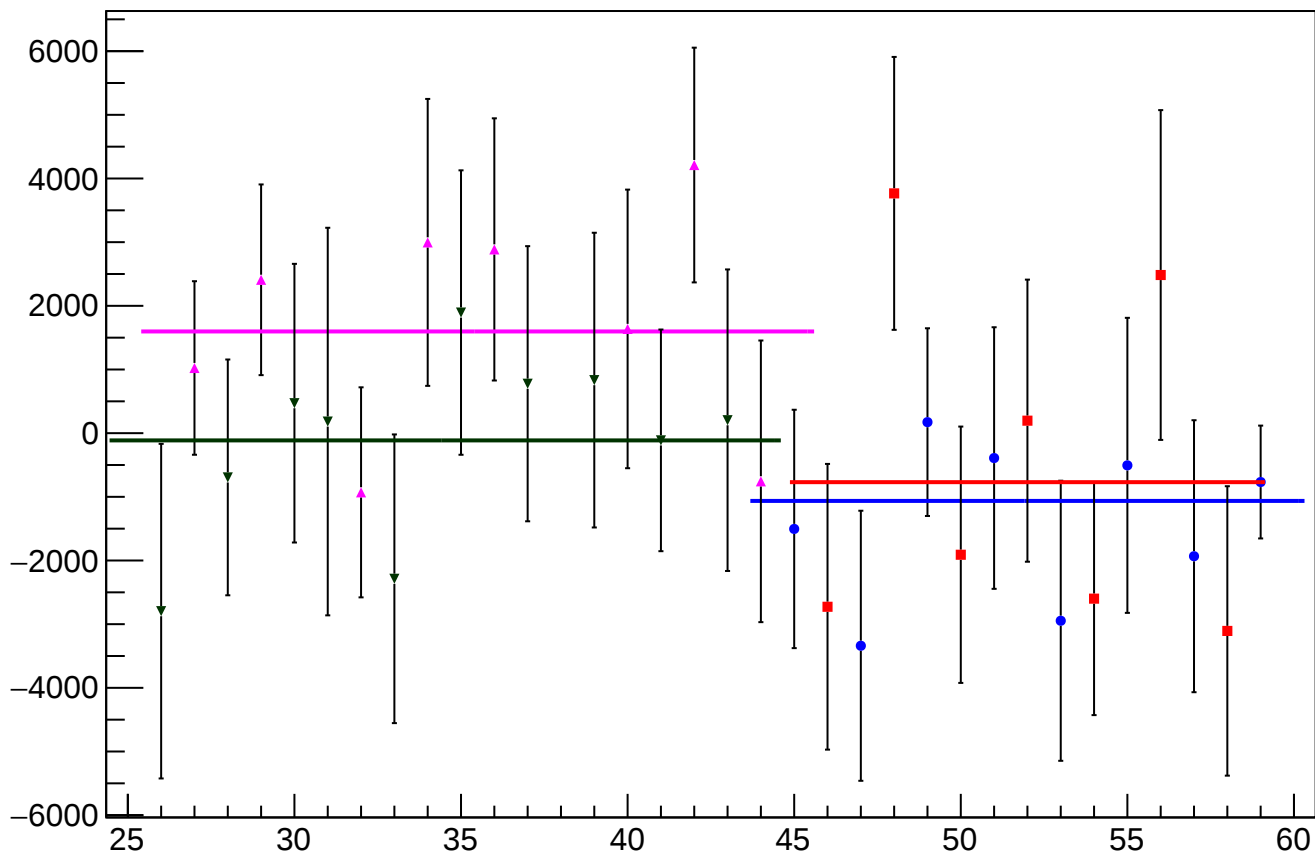
Left Out: 324.377+/-0.102 χ^2/NDF : 3549.0/9

Right Out: 346.818+/-0.132 χ^2/NDF : 61919.1/6

Left In: 328.197+/-0.104 χ^2/NDF : 4786.7/7

330.799+/-0.055 χ^2/NDF : 222035.7/32

asym_atl_dd_correction_mean vs slug



Right In: -1064.154+/-568.857 χ^2/NDF : 3.1/7

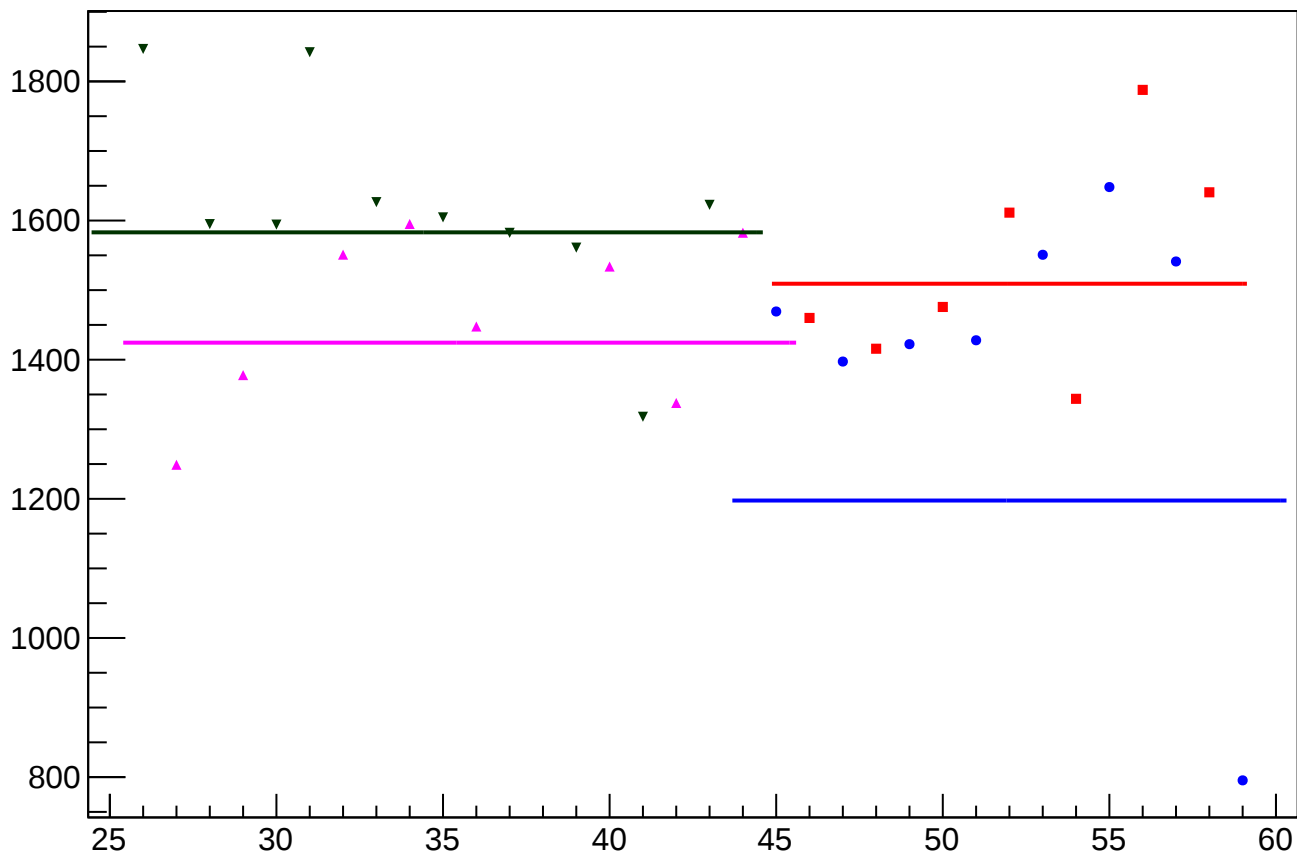
Left Out: -113.667+/-697.189 χ^2/NDF : 3.3/9

Right Out: -769.573+/-814.233 χ^2/NDF : 9.4/6

Left In: 1597.547+/-633.459 χ^2/NDF : 6.7/7

-76.729+/-330.626 χ^2/NDF : 33.2/32

asym_atl_dd_correction_rms vs slug



Right In: 1197.567+/-0.402 χ^2/NDF : 722516.7/7

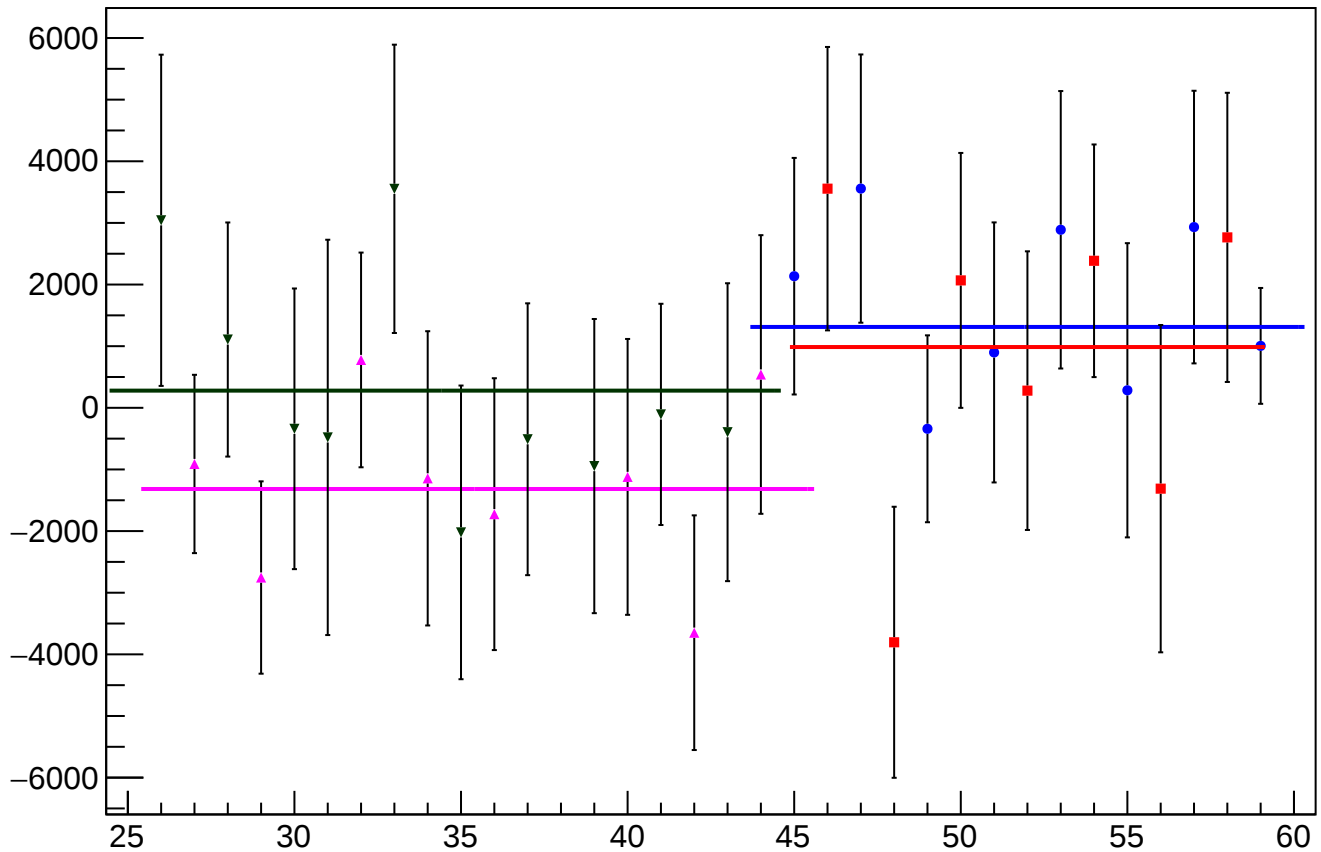
Left Out: 1583.049+/-0.493 χ^2/NDF : 82755.6/9

Right Out: 1509.195+/-0.576 χ^2/NDF : 55759.1/6

Left In: 1424.479+/-0.448 χ^2/NDF : 78214.9/7

1397.456+/-0.234 χ^2/NDF : 1369224.0/32

asym_atl_dd_mean vs slug



Right In: 1312.132 $\pm$ 592.170 χ^2/NDF : 3.8/7

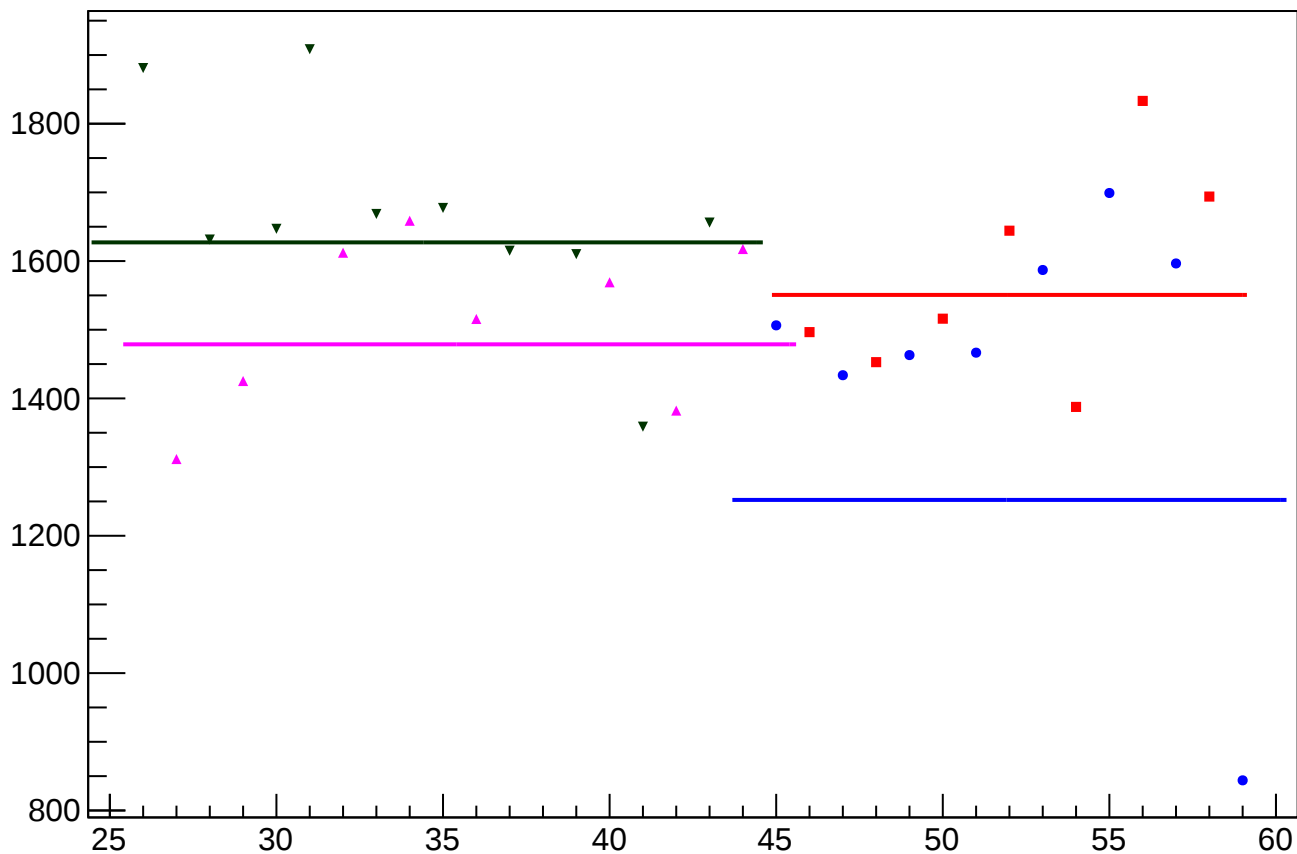
Left Out: 278.907 $\pm$ 720.229 χ^2/NDF : 4.8/9

318.261 $\pm$ 343.401 χ^2/NDF : 30.9/32

Right Out: 986.060 $\pm$ 836.288 χ^2/NDF : 8.2/6

Left In: -1317.055 $\pm$ 663.629 χ^2/NDF : 4.6/7

asym_atl_dd_rms vs slug



Right In: 1252.200+/-0.419 χ^2/NDF : 648692.1/7

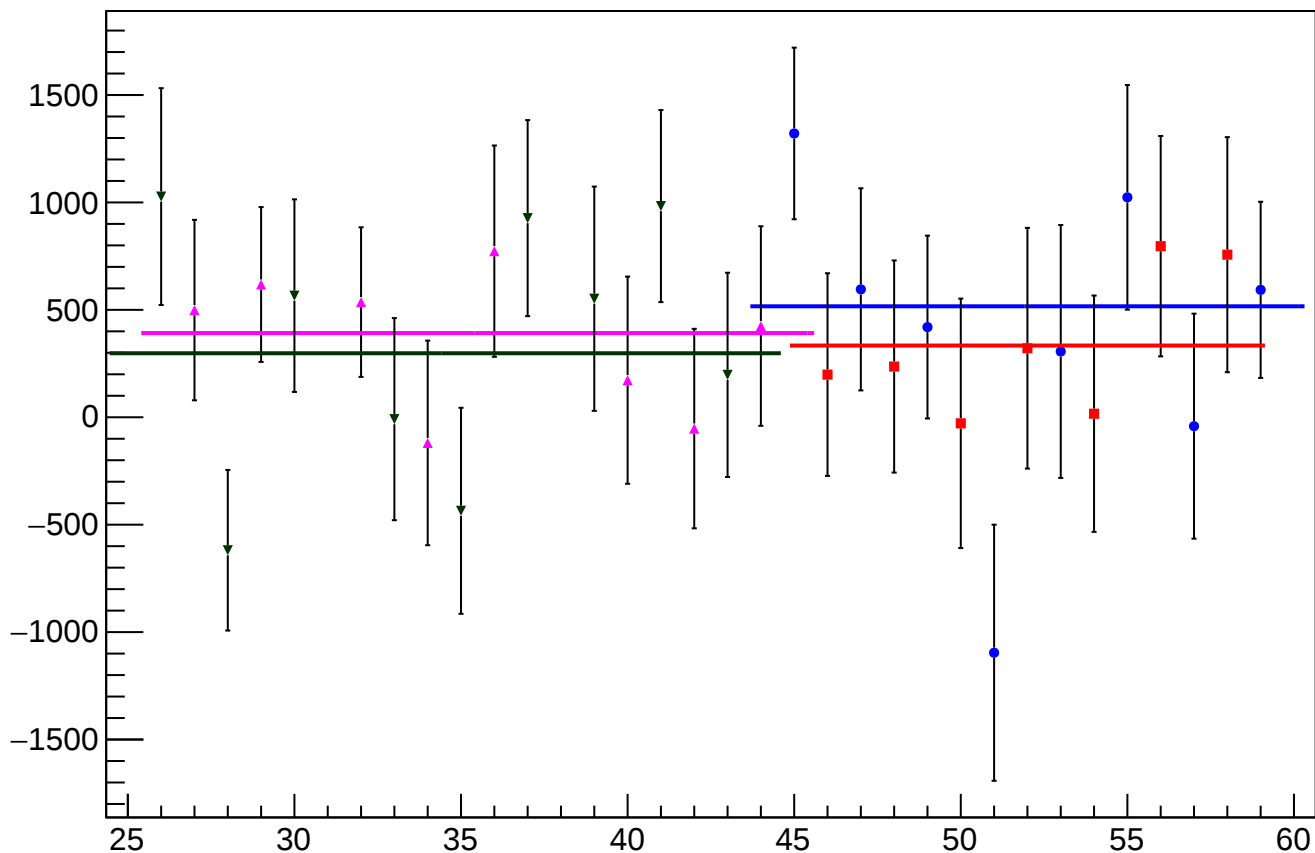
Left Out: 1627.194+/-0.509 χ^2/NDF : 80064.9/9

Right Out: 1550.708+/-0.591 χ^2/NDF : 54078.6/6

Left In: 1478.747+/-0.469 χ^2/NDF : 68597.0/7

1448.443+/-0.243 χ^2/NDF : 1228350.5/32

reg_asym_atr_avg_mean vs slug



Right In: 516.521+/-168.382 χ^2/NDF : 13.7/7

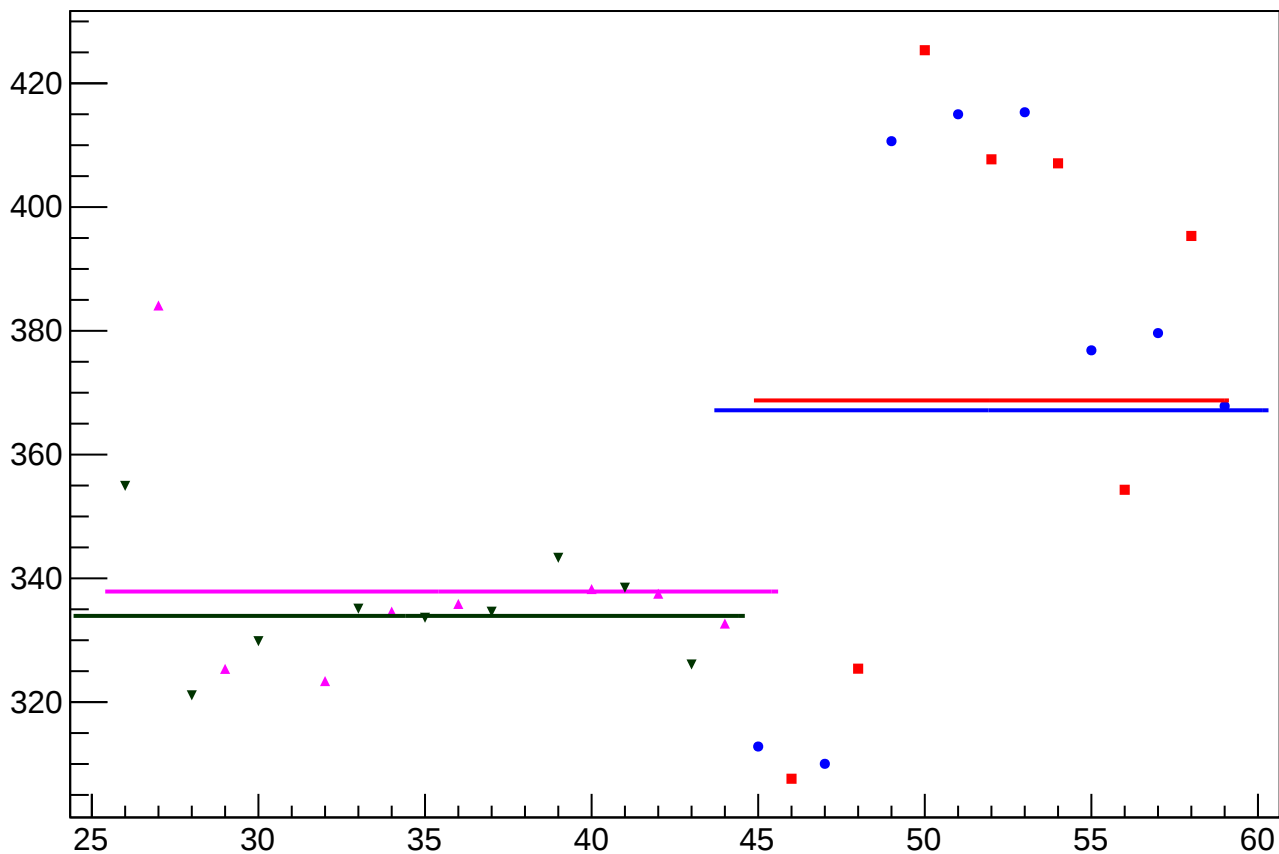
Left Out: 297.955+/-152.800 χ^2/NDF : 15.8/8

Right Out: 333.892+/-199.218 χ^2/NDF : 2.3/6

Left In: 392.029+/-151.208 χ^2/NDF : 3.5/7

384.526+/-82.469 χ^2/NDF : 36.2/31

reg_asym_atr_avg_rms vs slug



Right In: 367.159+/-0.119 χ^2/NDF : 115527.9/7

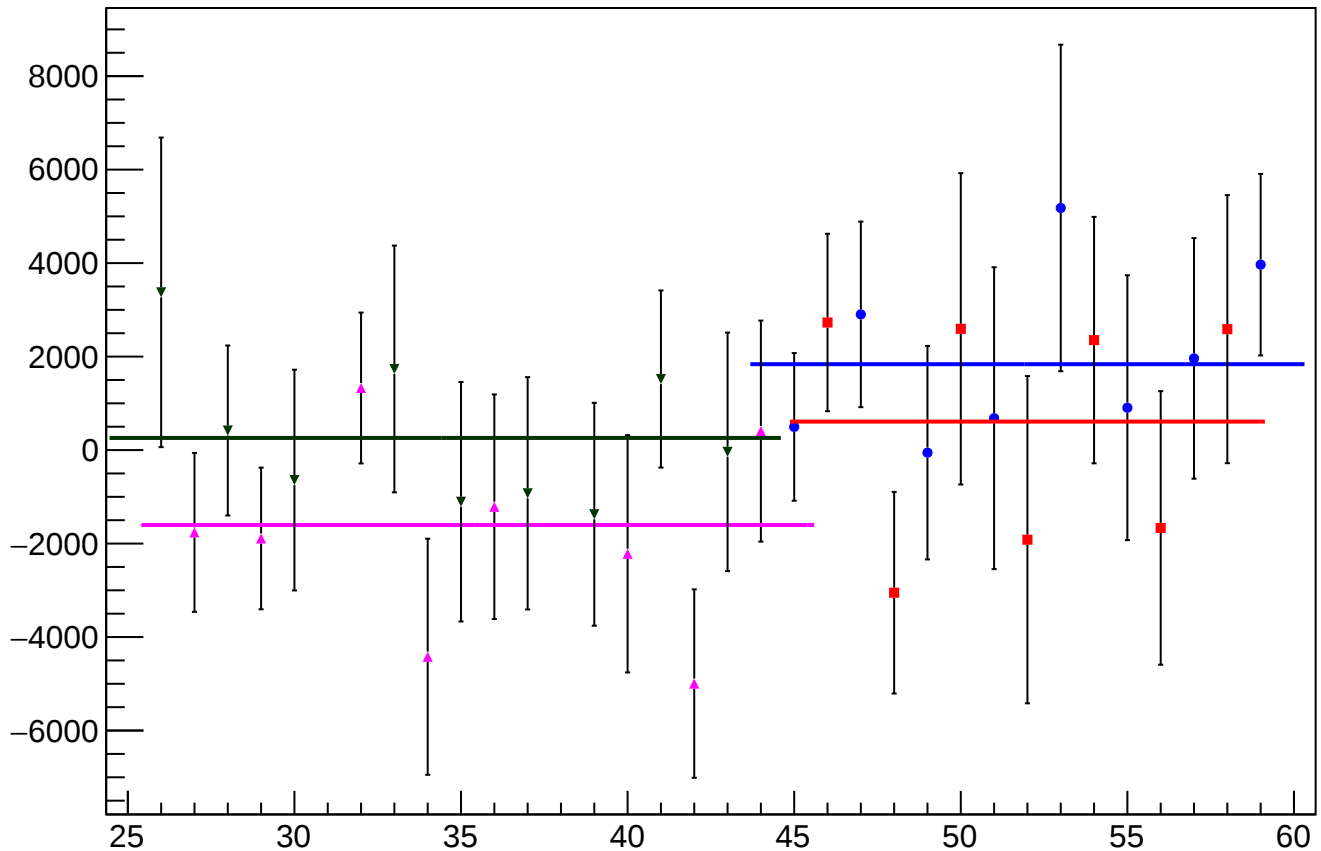
Left Out: 333.934+/-0.108 χ^2/NDF : 7408.6/8

Right Out: 368.754+/-0.141 χ^2/NDF : 93700.6/6

Left In: 337.870+/-0.107 χ^2/NDF : 30461.2/7

349.042+/-0.058 χ^2/NDF : 320302.2/31

asym_atr_avg_correction_mean vs slug



Right In: 1837.645 ± 799.382 χ^2/NDF : 4.1/7

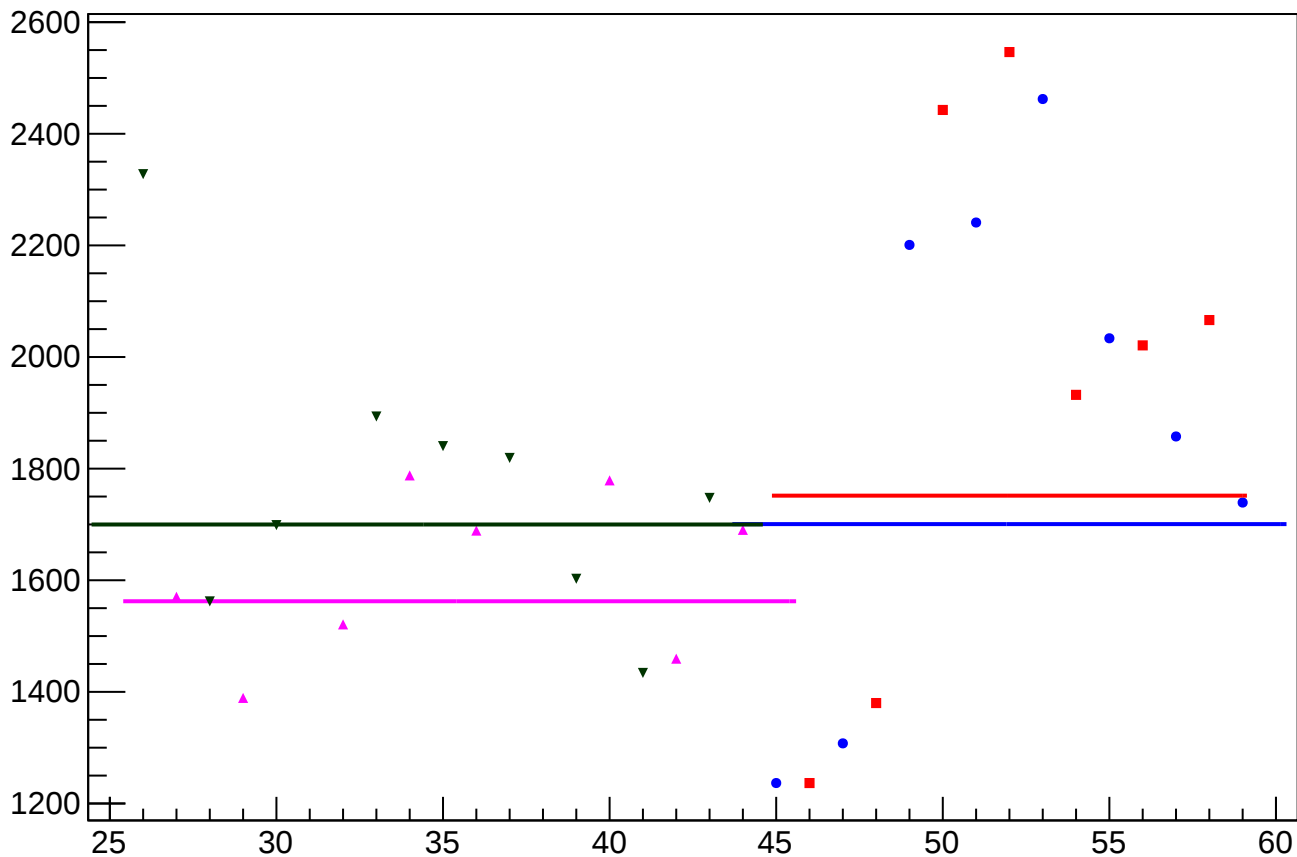
Left Out: 260.094 ± 781.083 χ^2/NDF : 2.8/8

97.068 ± 397.597 χ^2/NDF : 32.6/31

Right Out: 609.570 ± 977.508 χ^2/NDF : 6.5/6

Left In: -1602.732 ± 694.176 χ^2/NDF : 8.2/7

asym_atr_avg_correction_rms vs slug



Right In: 1700.604+/-0.565 χ^2/NDF : 533801.9/7

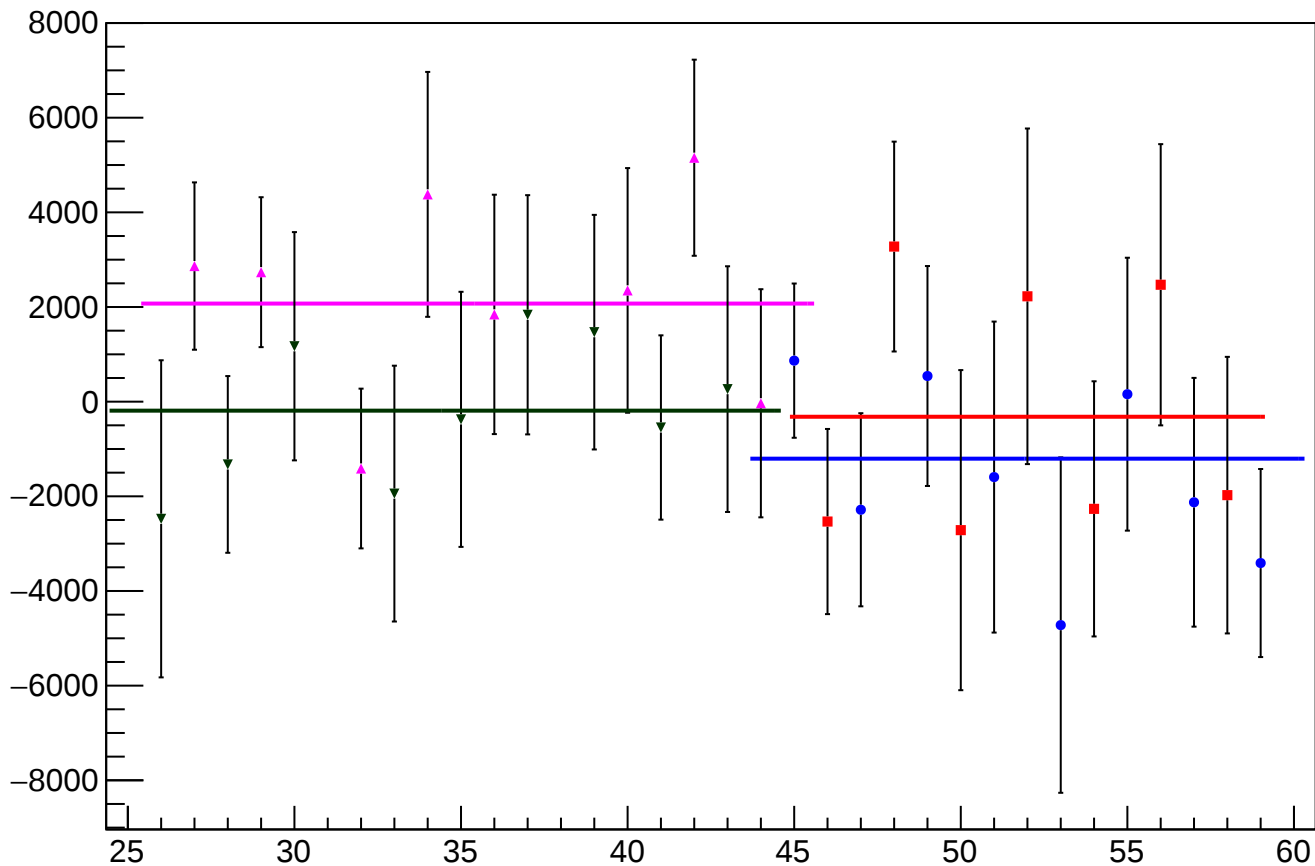
Left Out: 1699.916+/-0.552 χ^2/NDF : 148167.9/8

Right Out: 1751.598+/-0.691 χ^2/NDF : 446208.6/6

Left In: 1562.377+/-0.491 χ^2/NDF : 74597.0/7

1663.516+/-0.281 χ^2/NDF : 1270118.2/31

asym_atr_avg_mean vs slug



Right In: -1204.438 $\pm$ 818.468 χ^2 /NDF: 5.0/7

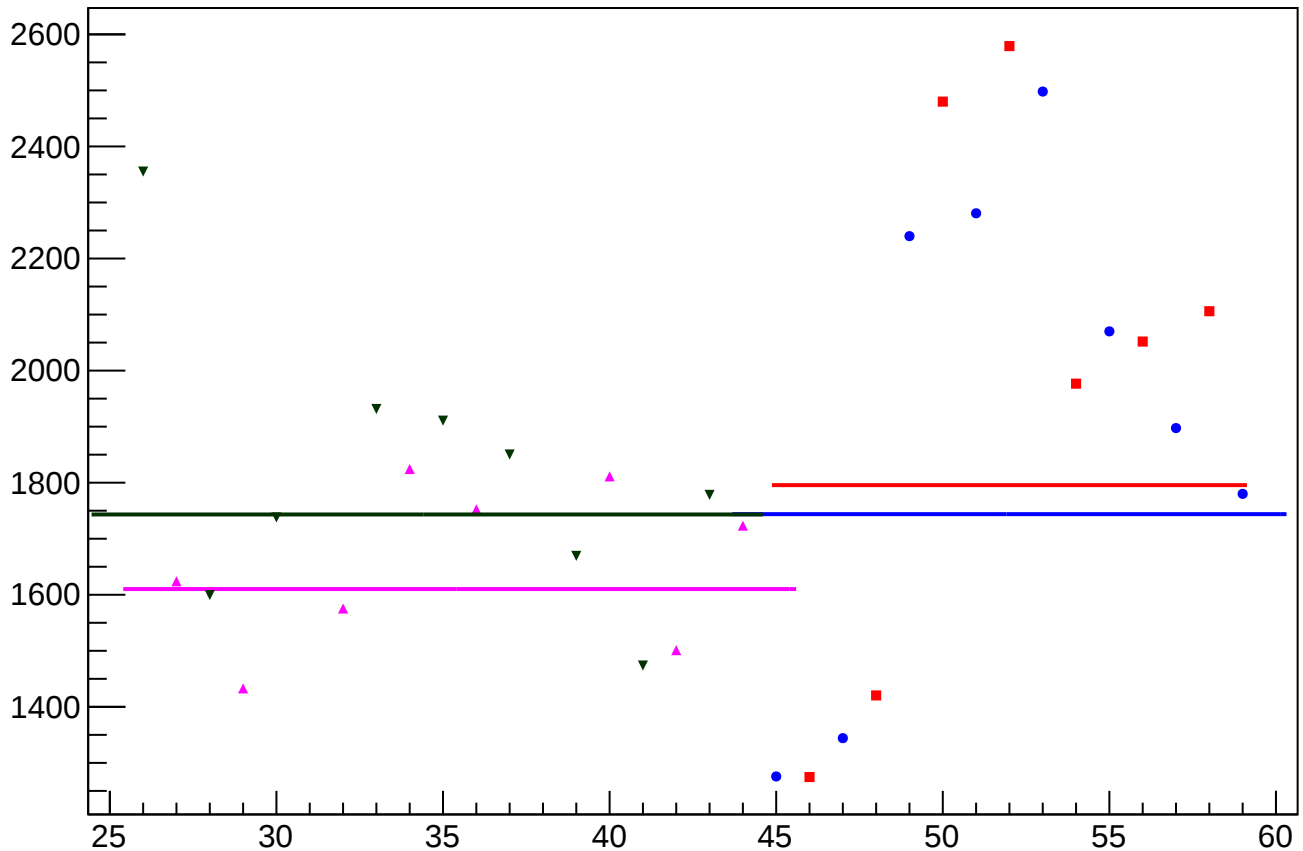
Left Out: -189.957 $\pm$ 802.163 χ^2 /NDF: 2.7/8

265.849 $\pm$ 409.031 χ^2 /NDF: 33.0/31

Right Out: -318.744 $\pm$ 1000.092 χ^2 /NDF: 6.7/6

Left In: 2072.589 $\pm$ 719.748 χ^2 /NDF: 8.4/7

asym_atr_avg_rms vs slug



Right In: 1743.868+/-0.579 χ^2/NDF : 510010.0/7

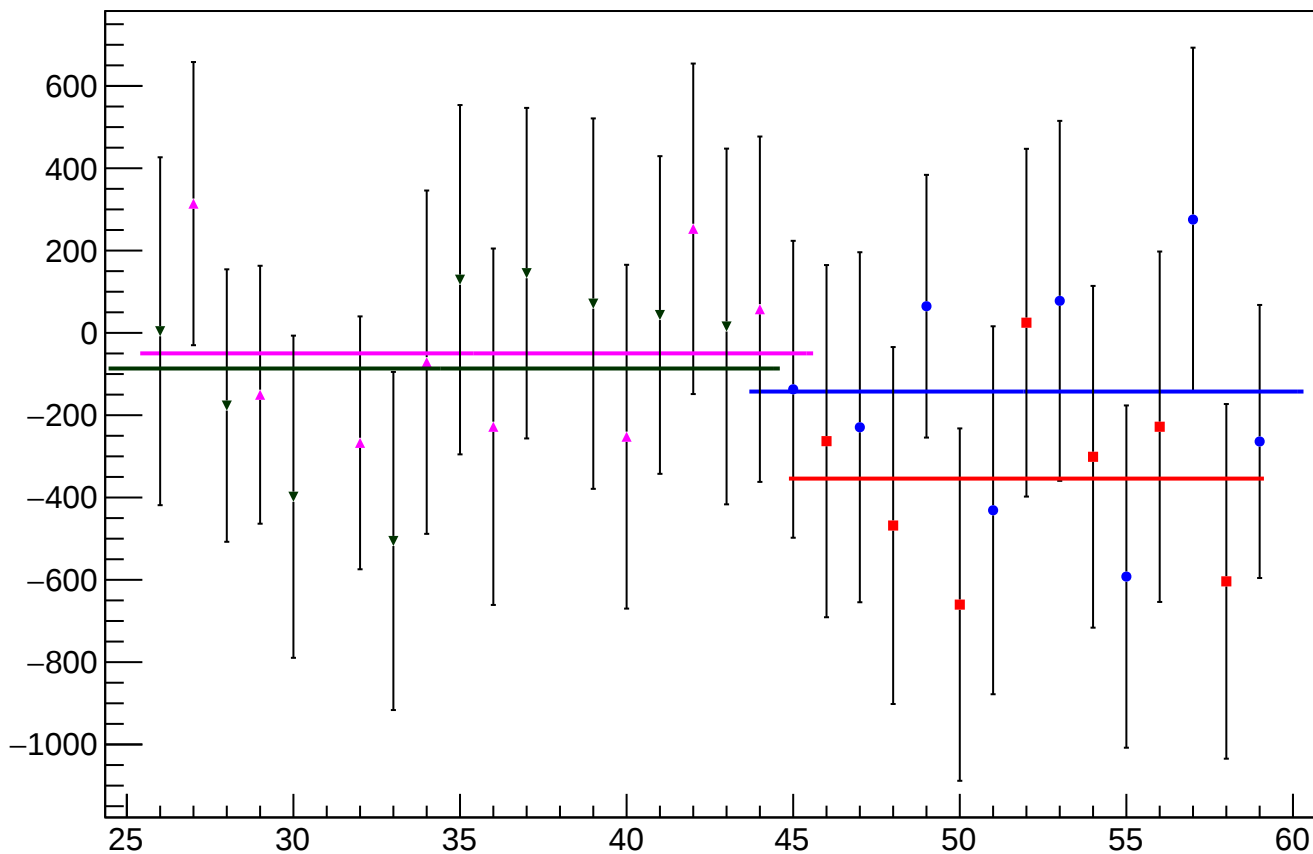
Left Out: 1743.280+/-0.567 χ^2/NDF : 140061.2/8

Right Out: 1795.649+/-0.707 χ^2/NDF : 425127.2/6

Left In: 1610.197+/-0.509 χ^2/NDF : 68106.1/7

1709.206+/-0.289 χ^2/NDF : 1203288.1/31

reg_asym_atr_dd_mean vs slug



Right In: -142.536+/-136.247 χ^2/NDF : 3.4/7

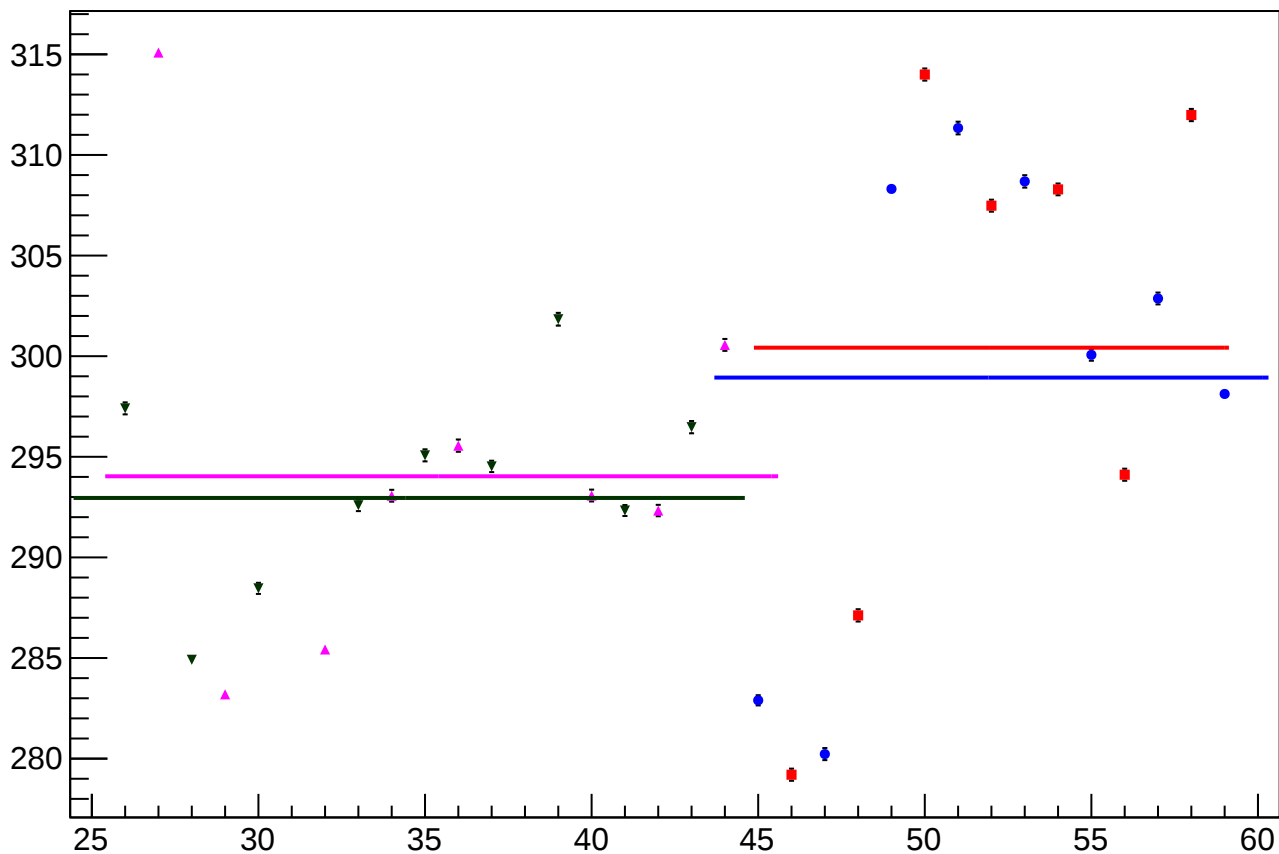
Left Out: -86.539+/-133.704 χ^2/NDF : 2.7/8

-140.819+/-69.626 χ^2/NDF : 13.1/31

Right Out: -354.033+/-161.070 χ^2/NDF : 1.9/6

Left In: -49.768+/-131.388 χ^2/NDF : 2.8/7

reg_asym_atr_dd_rms vs slug



Right In: 298.937 ± 0.096 χ^2/NDF : 12289.3/7

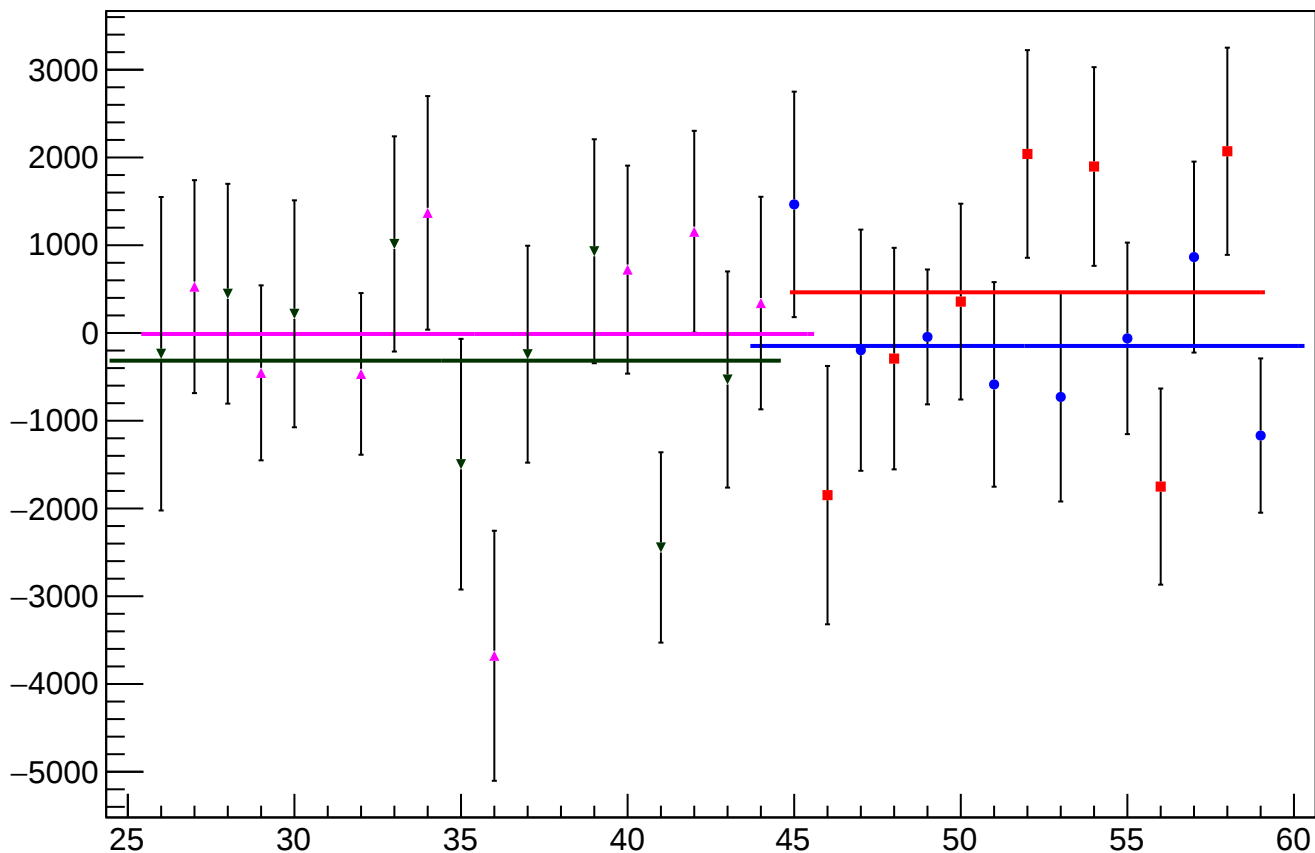
Left Out: 292.955 ± 0.095 χ^2/NDF : 2664.1/8

296.215 ± 0.049 χ^2/NDF : 42848.5/31

Right Out: 300.423 ± 0.114 χ^2/NDF : 11969.0/6

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.3/7

asym_atr_dd_correction_mean vs slug



Right In: -147.634 ± 371.467 $\chi^2/\text{NDF}: 4.2/7$

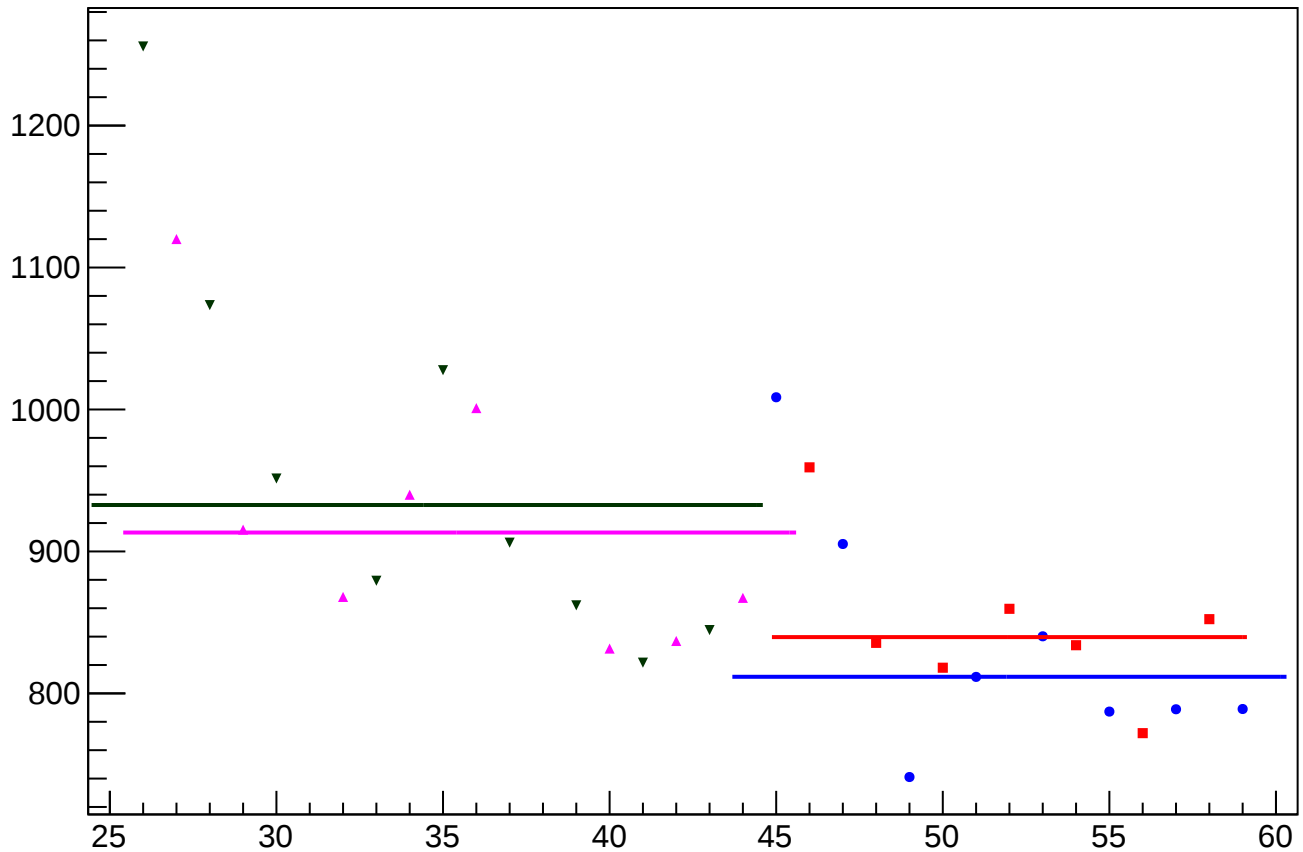
Left Out: -315.415 ± 427.109 $\chi^2/\text{NDF}: 7.2/8$

-25.043 ± 205.396 $\chi^2/\text{NDF}: 35.0/31$

Right Out: 463.580 ± 451.527 $\chi^2/\text{NDF}: 12.0/6$

Left In: -11.284 ± 405.892 $\chi^2/\text{NDF}: 9.8/7$

asym_atr_dd_correction_rms vs slug



Right In: 811.704 $\pm$ 0.263 χ^2 /NDF: 77489.3/7

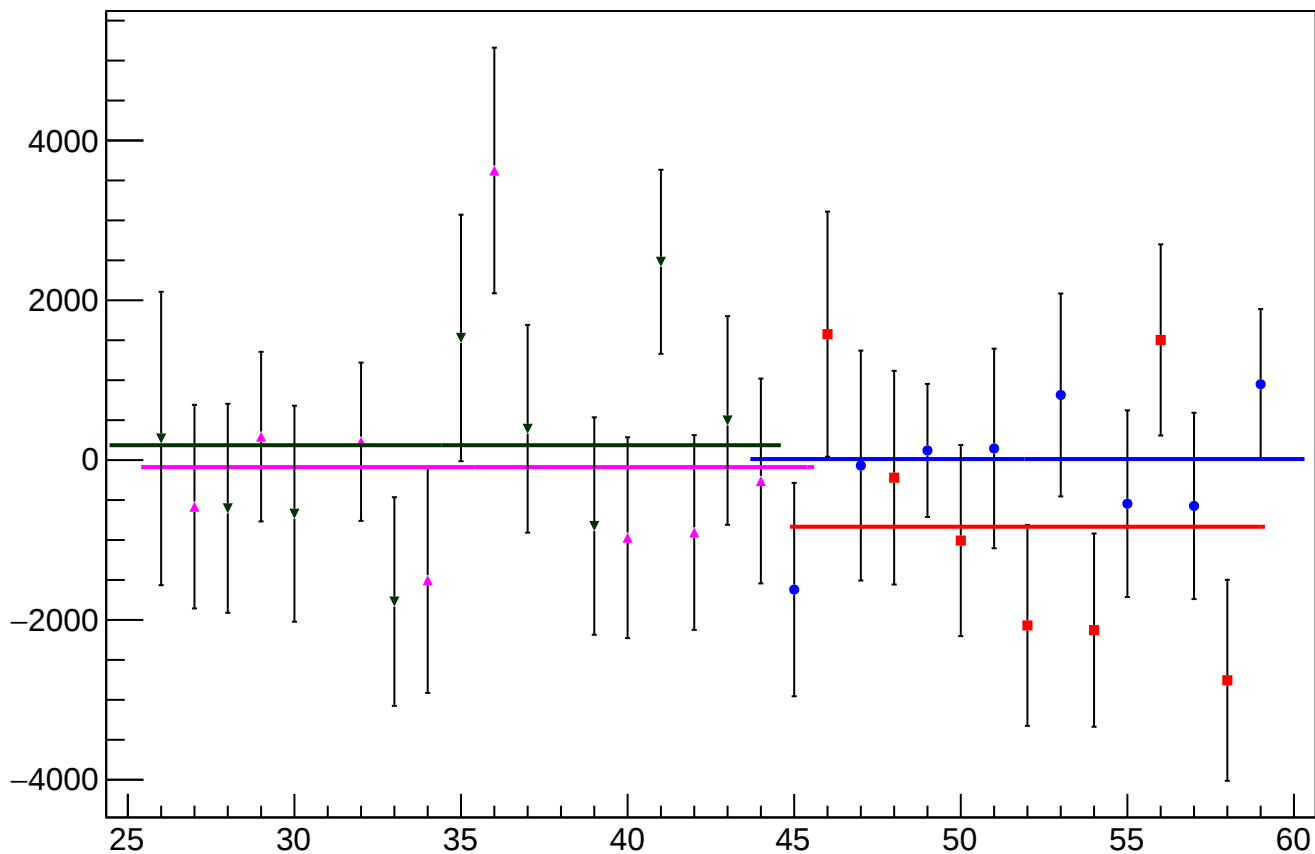
Left Out: 932.717 $\pm$ 0.302 χ^2 /NDF: 141975.4/8

Right Out: 839.660 $\pm$ 0.319 χ^2 /NDF: 22144.5/6

Left In: 913.320 $\pm$ 0.287 χ^2 /NDF: 92513.4/7

871.496 $\pm$ 0.145 χ^2 /NDF: 458209.4/31

asym_atr_dd_mean vs slug



Right In: 13.341 ± 396.920 χ^2/NDF : 3.4/7

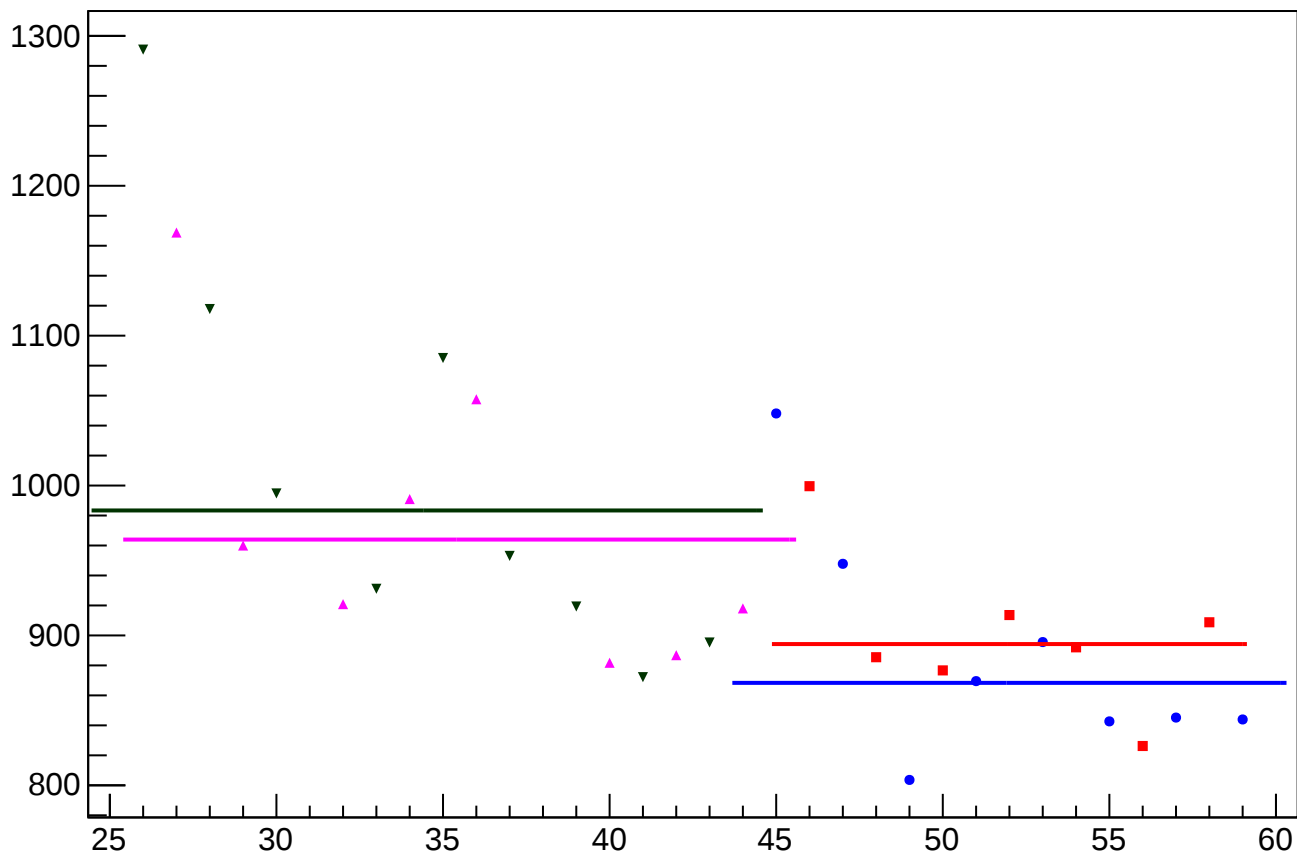
Left Out: 186.357 ± 451.355 χ^2/NDF : 8.4/8

Right Out: -833.682 ± 480.473 χ^2/NDF : 11.0/6

Left In: -87.303 ± 431.781 χ^2/NDF : 8.2/7

-147.011 ± 218.470 χ^2/NDF : 33.7/31

asym_atr_dd_rms vs slug



Right In: 868.358 $\pm$ 0.281 χ^2 /NDF: 58451.7/7

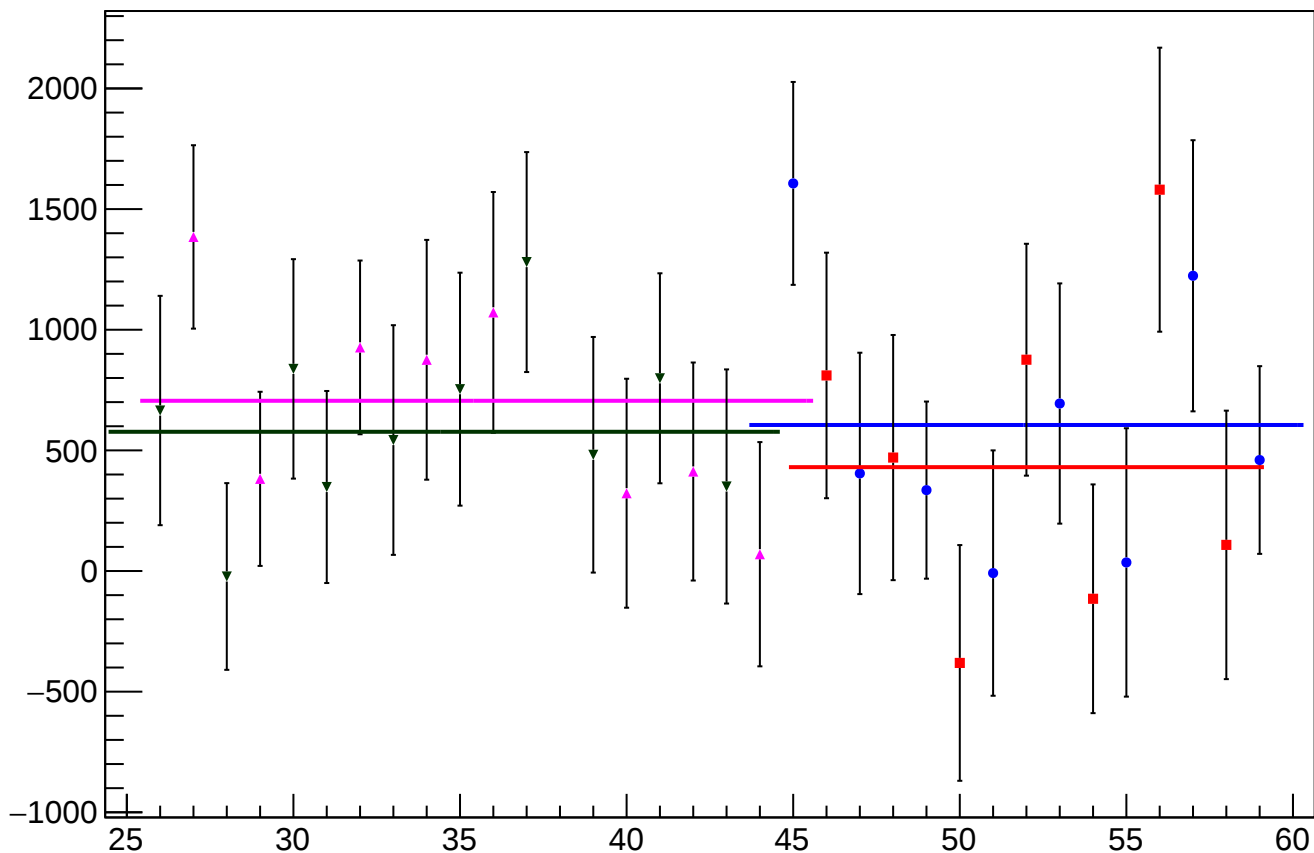
Left Out: 983.379 $\pm$ 0.319 χ^2 /NDF: 122542.6/8

Right Out: 894.243 $\pm$ 0.340 χ^2 /NDF: 17166.2/6

Left In: 963.960 $\pm$ 0.305 χ^2 /NDF: 82775.1/7

925.133 $\pm$ 0.154 χ^2 /NDF: 379600.3/31

reg_asym_at1_avg_mean vs slug



Right In: 605.253+/-162.253 χ^2/NDF : 10.3/7

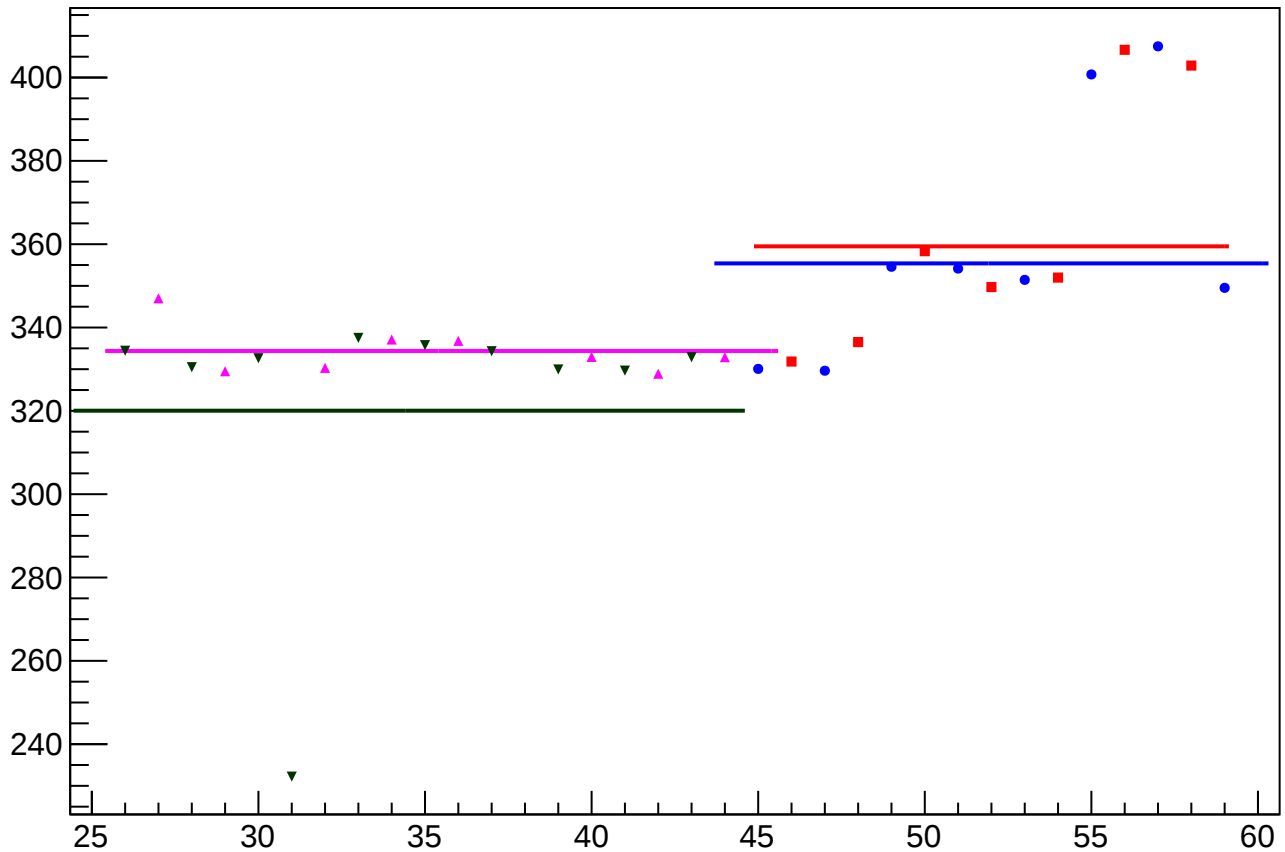
Left Out: 577.064+/-142.141 χ^2/NDF : 6.1/9

594.948+/-79.390 χ^2/NDF : 35.3/32

Right Out: 430.483+/-193.079 χ^2/NDF : 9.7/6

Left In: 705.542+/-150.152 χ^2/NDF : 8.0/7

reg_asym_at1_avg_rms vs slug



Right In: 355.391+/-0.115 χ^2/NDF : 43645.6/7

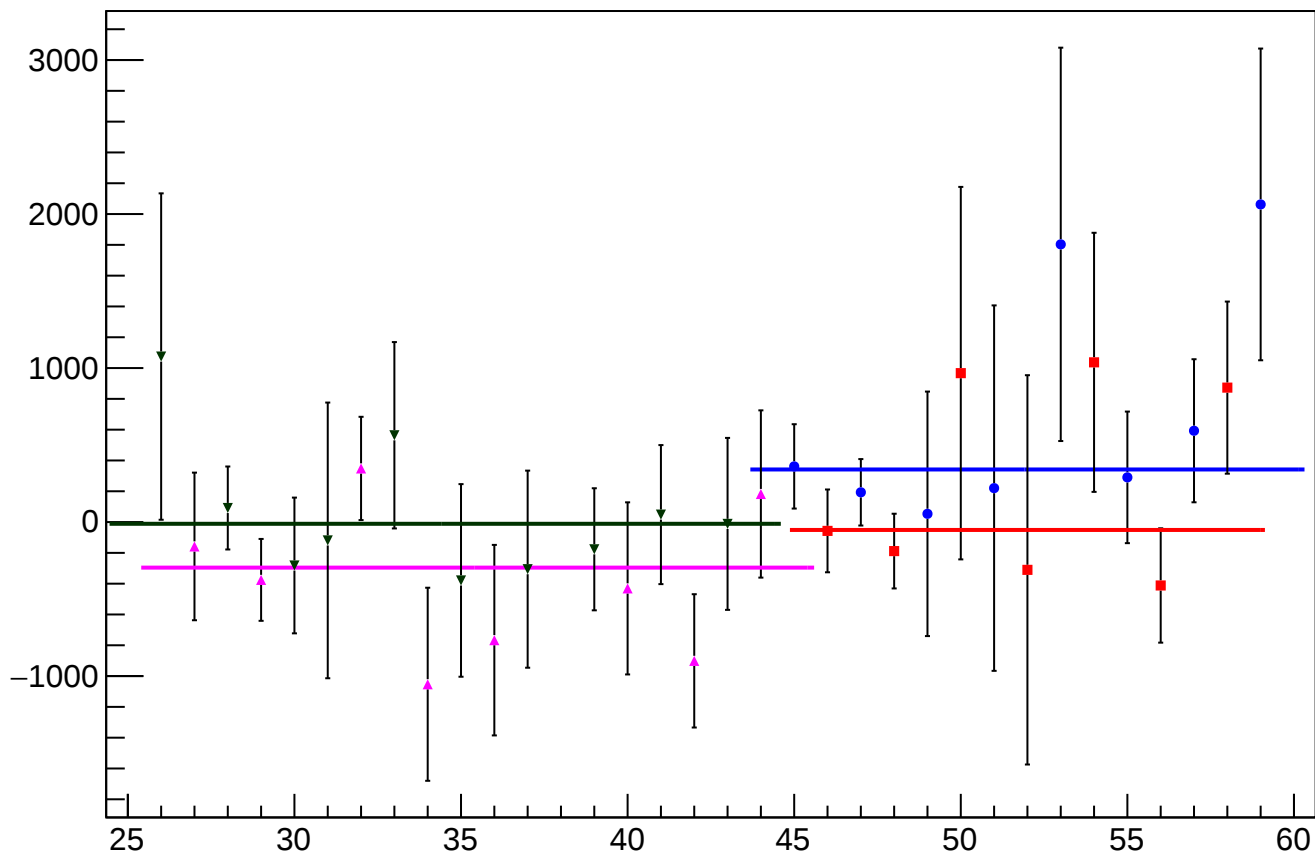
Left Out: 320.038+/-0.101 χ^2/NDF : 112209.4/9

Right Out: 359.482+/-0.137 χ^2/NDF : 36341.4/6

Left In: 334.371+/-0.106 χ^2/NDF : 3274.0/7

339.178+/-0.056 χ^2/NDF : 275868.5/32

asym_at1_avg_correction_mean vs slug



Right In: 341.508+/-143.110 χ^2/NDF : 5.1/7

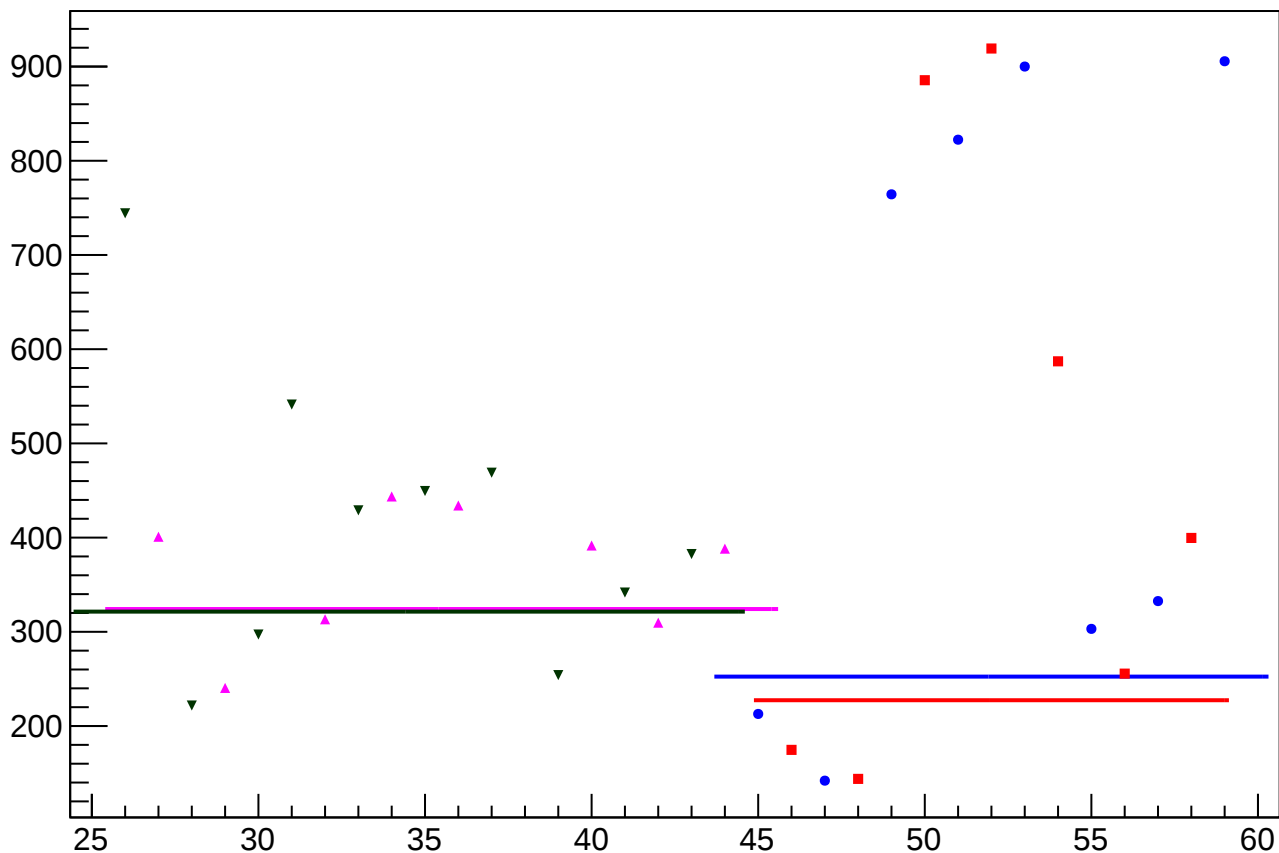
Left Out: -11.187+/-151.999 χ^2/NDF : 3.2/9

Right Out: -51.200+/-150.726 χ^2/NDF : 6.4/6

Left In: -295.759+/-149.916 χ^2/NDF : 8.7/7

4.304+/-74.407 χ^2/NDF : 33.2/32

asym_at1_avg_correction_rms vs slug



Right In: 252.451 ± 0.101 χ^2/NDF : 3294534.4/7

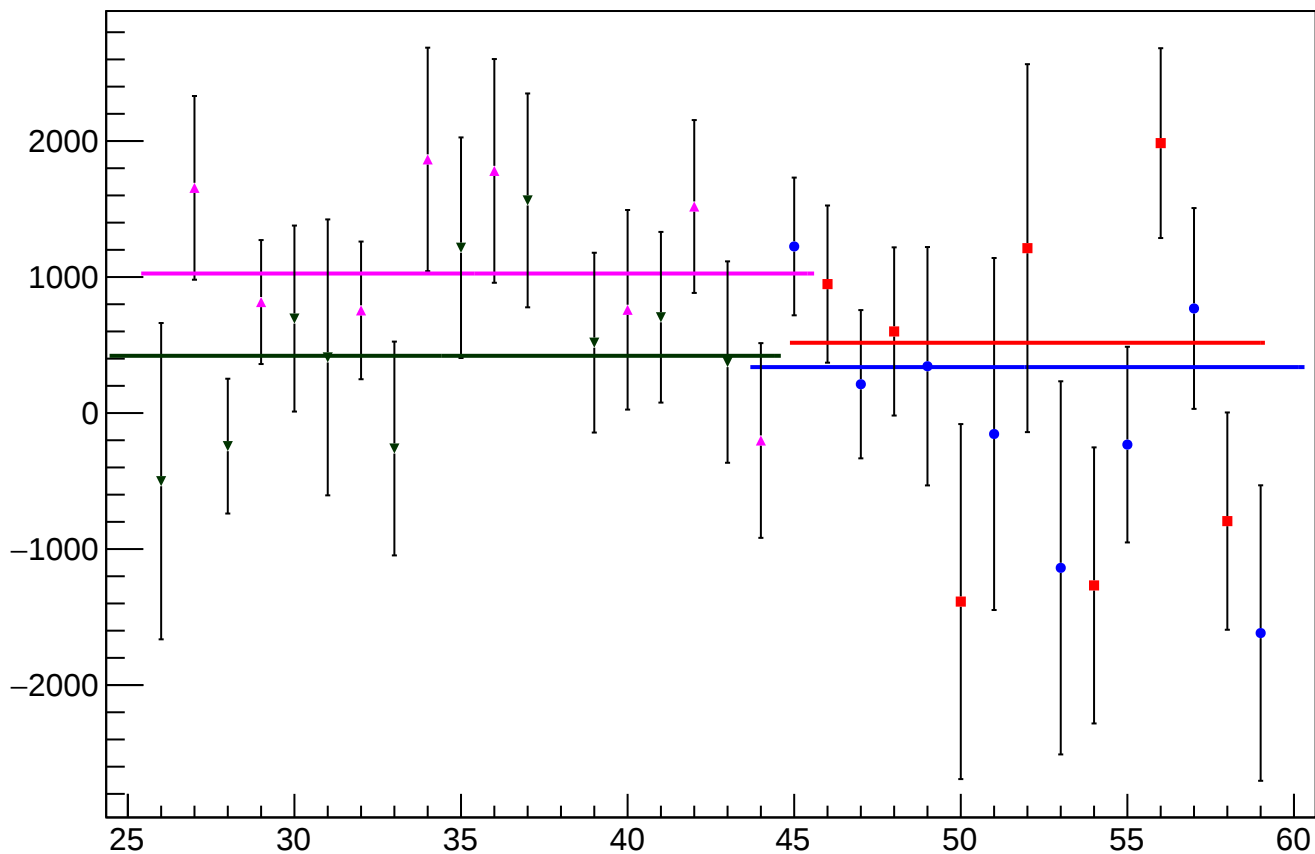
Left Out: 321.436 ± 0.107 χ^2/NDF : 1057868.5/9

Right Out: 227.379 ± 0.107 χ^2/NDF : 2072824.8/6

Left In: 324.185 ± 0.106 χ^2/NDF : 446845.3/7

280.543 ± 0.053 χ^2/NDF : 7512203.1/32

asym_at1_avg_mean vs slug



Right In: 337.832 ± 264.323 χ^2/NDF : 8.6/7

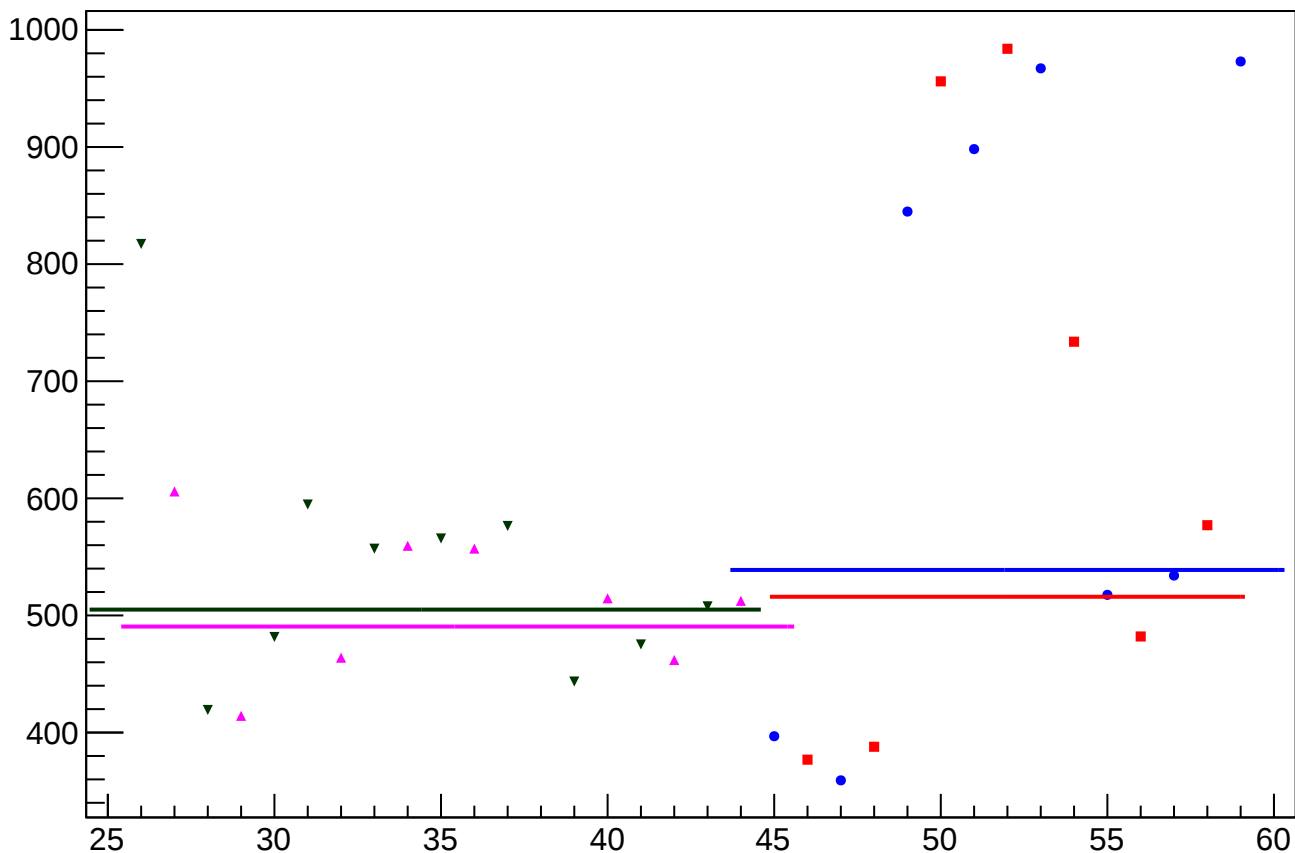
Left Out: 420.888 ± 227.441 χ^2/NDF : 6.6/9

Right Out: 516.753 ± 297.014 χ^2/NDF : 13.2/6

Left In: 1025.888 ± 222.743 χ^2/NDF : 6.9/7

606.532 ± 123.906 χ^2/NDF : 40.7/32

asym_at1_avg_rms vs slug



Right In: 538.857+/-0.187 χ^2/NDF : 1289070.7/7

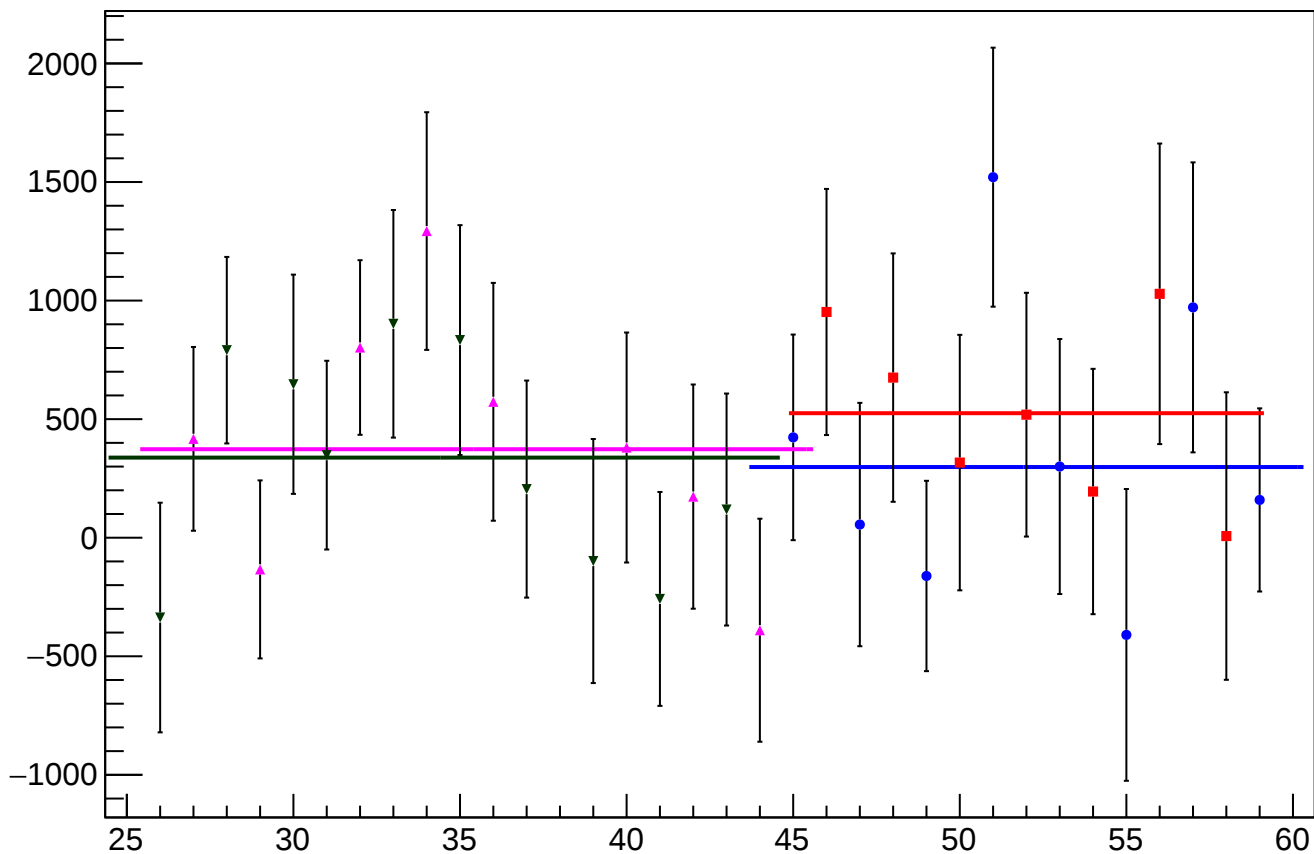
Left Out: 504.992+/-0.161 χ^2/NDF : 280293.6/9

Right Out: 515.954+/-0.210 χ^2/NDF : 777057.5/6

Left In: 490.502+/-0.158 χ^2/NDF : 155145.4/7

509.858+/-0.088 χ^2/NDF : 2542500.9/32

reg_asym_at1_dd_mean vs slug



Right In: 298.023+/-171.106 χ^2/NDF : 9.3/7

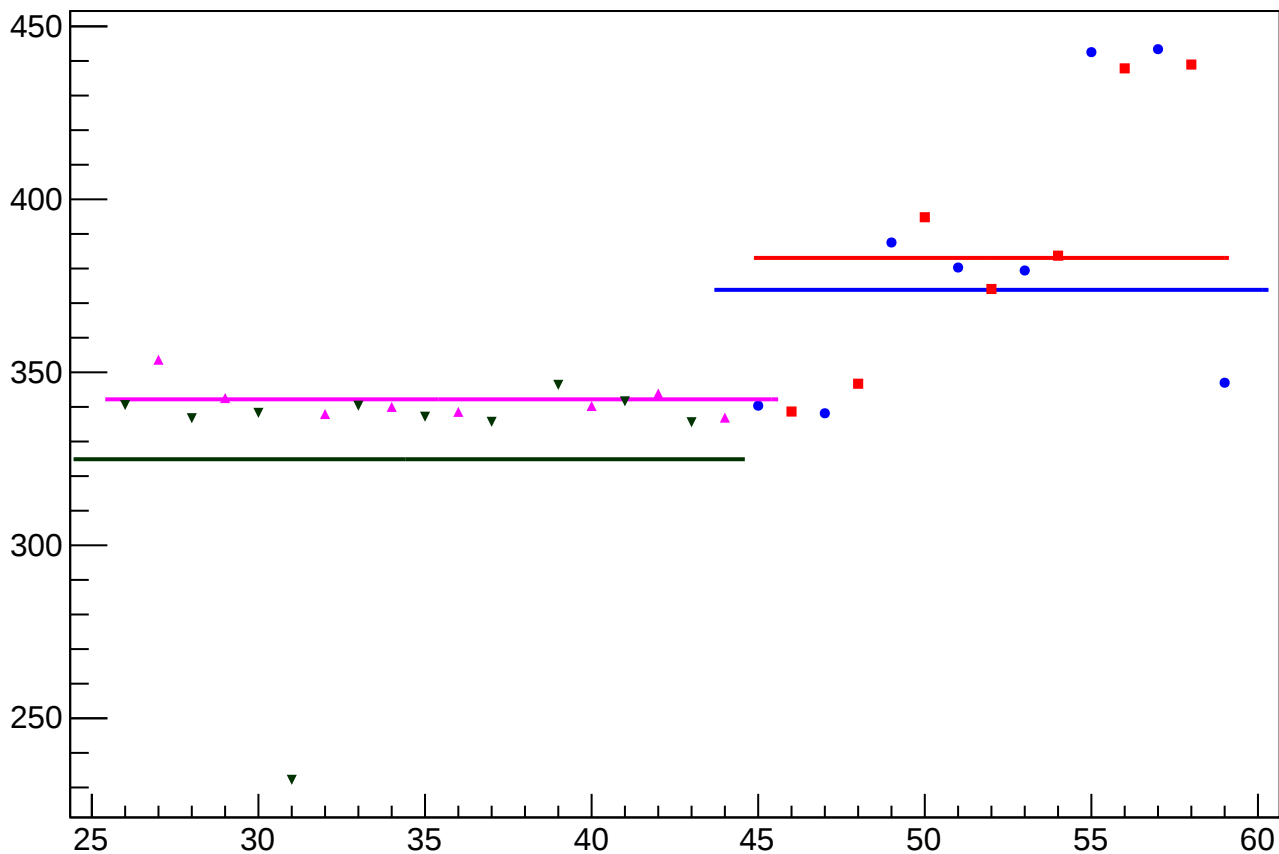
Left Out: 337.826+/-144.392 χ^2/NDF : 8.9/9

368.554+/-82.202 χ^2/NDF : 31.2/32

Right Out: 525.119+/-206.132 χ^2/NDF : 2.7/6

Left In: 373.235+/-153.688 χ^2/NDF : 9.5/7

reg_asym_at1_dd_rms vs slug



Right In: 373.838 $\pm$ 0.121 χ^2 /NDF: 84906.2/7

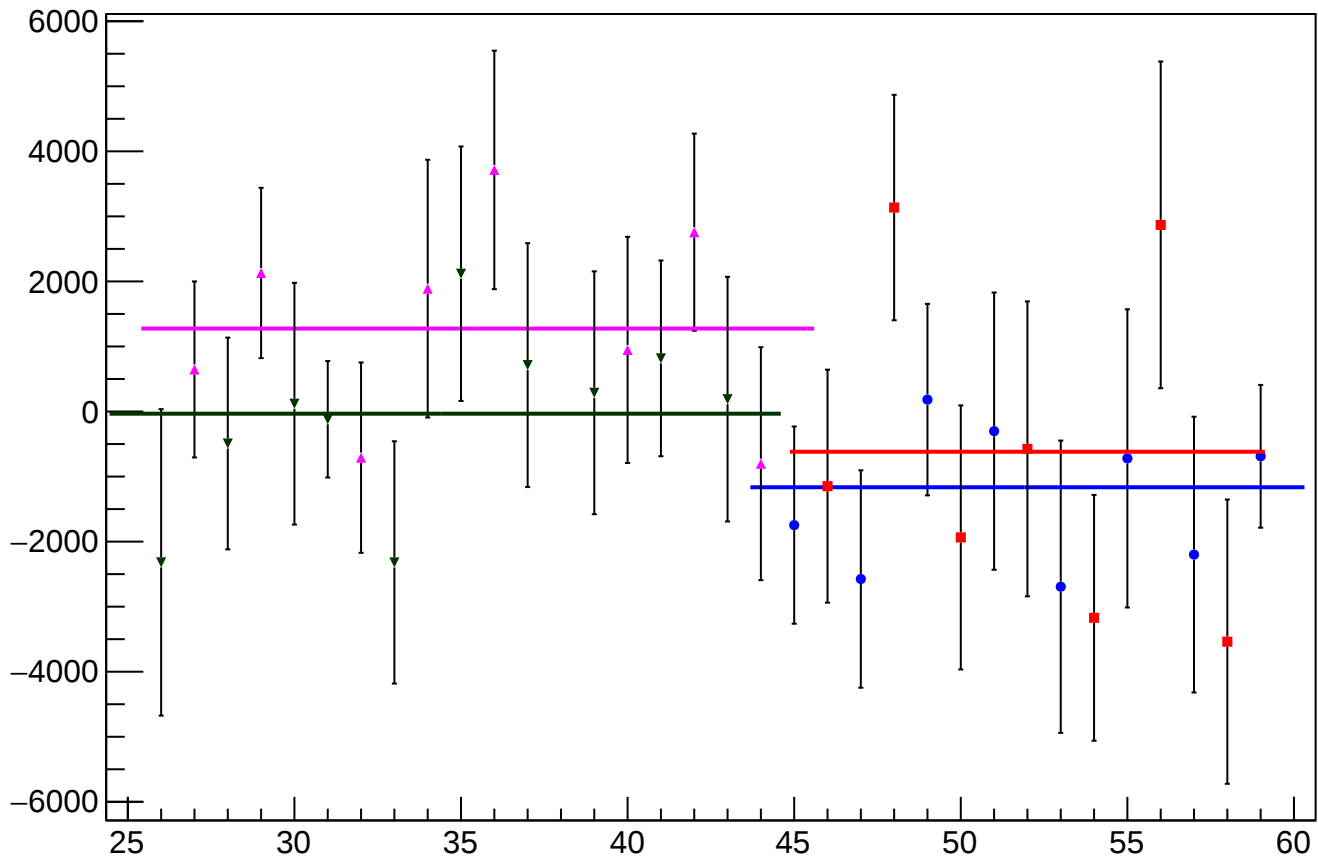
Left Out: 324.881 $\pm$ 0.102 χ^2 /NDF: 125698.7/9

Right Out: 383.069 $\pm$ 0.146 χ^2 /NDF: 57787.6/6

Left In: 342.194 $\pm$ 0.109 χ^2 /NDF: 2464.7/7

350.386 $\pm$ 0.058 χ^2 /NDF: 426794.0/32

asym_at1_dd_correction_mean vs slug



Right In: -1164.363 ± 585.599 χ^2/NDF : 2.8/7

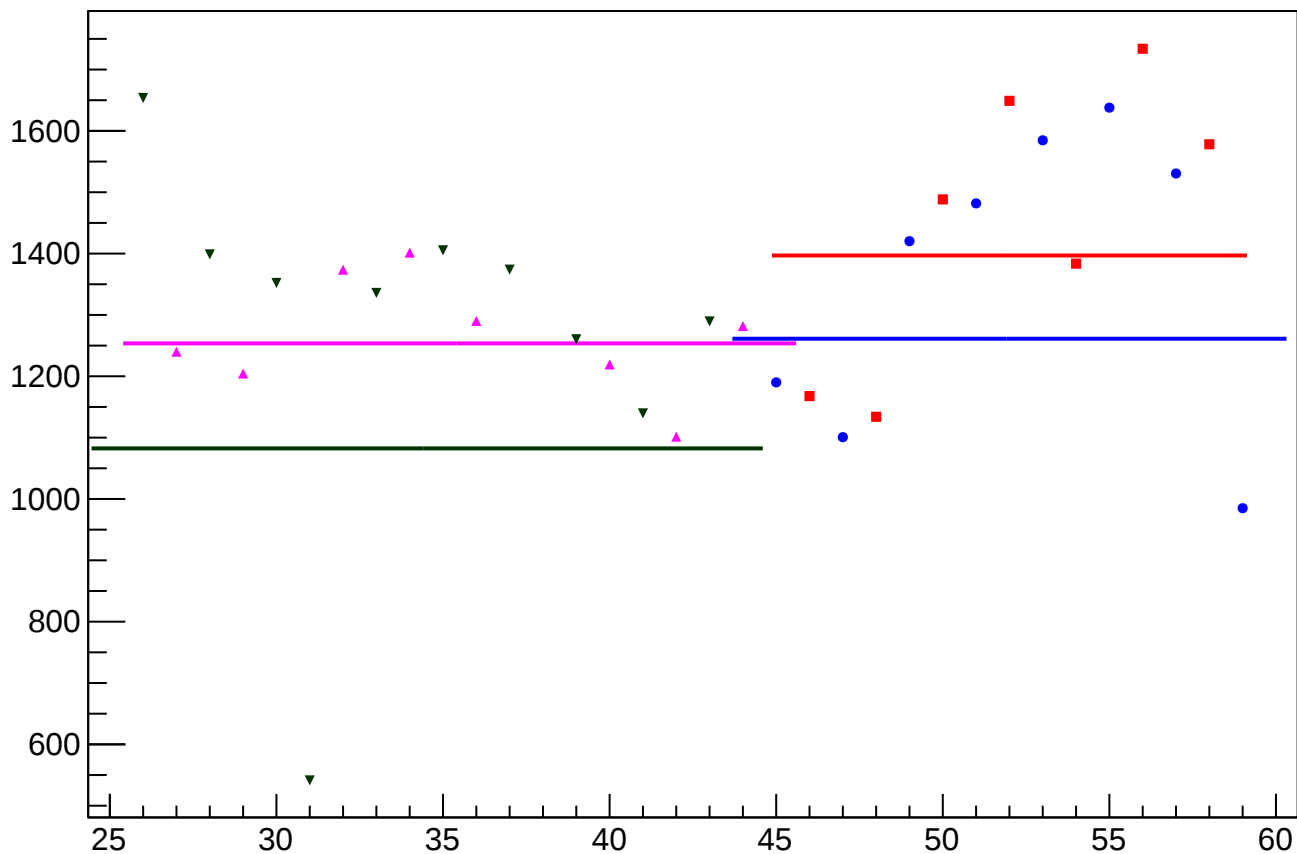
Left Out: -33.360 ± 503.702 χ^2/NDF : 4.3/9

-40.638 ± 290.926 χ^2/NDF : 34.3/32

Right Out: -618.026 ± 760.294 χ^2/NDF : 10.7/6

Left In: 1275.228 ± 556.624 χ^2/NDF : 6.7/7

asym_at1_dd_correction_rms vs slug



Right In: 1261.199+/-0.414 χ^2/NDF : 322081.5/7

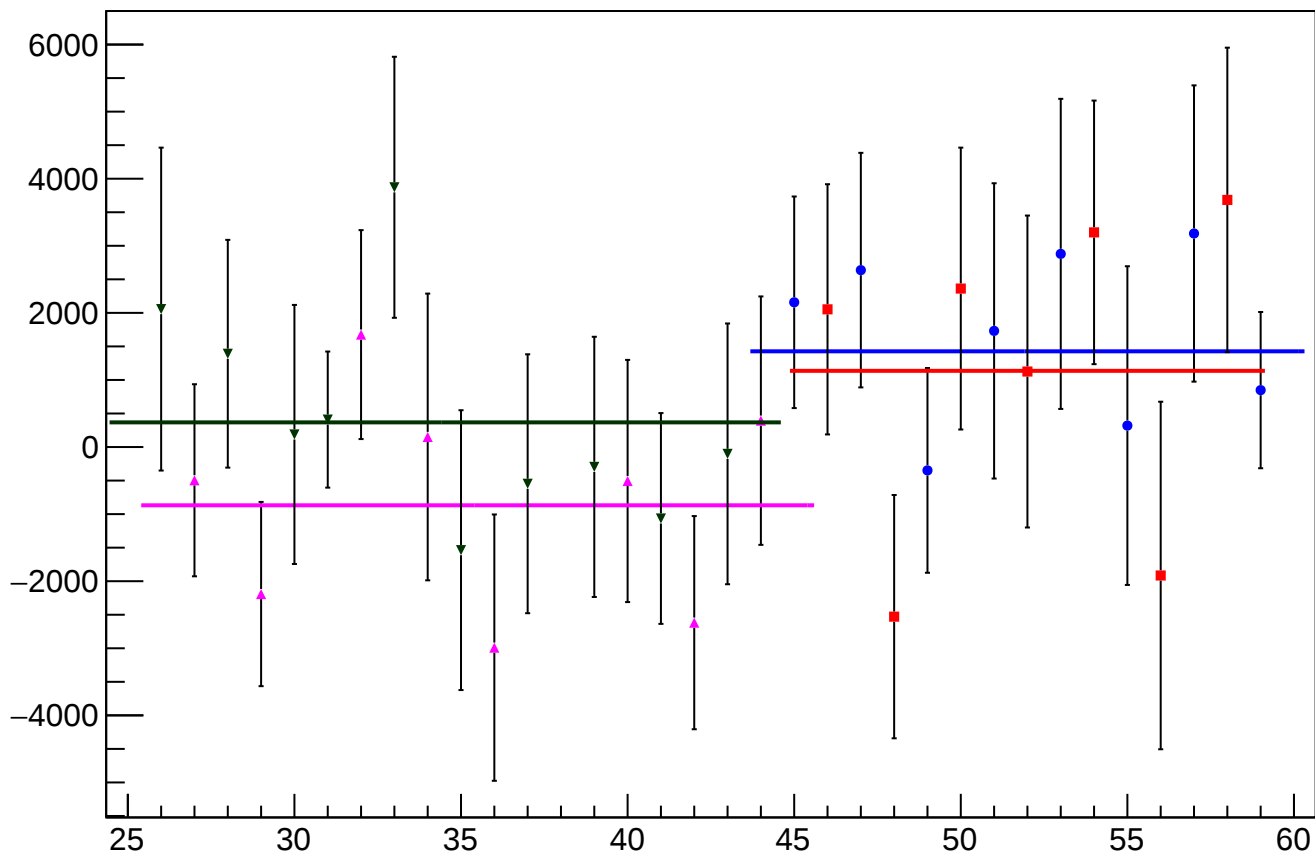
Left Out: 1082.447+/-0.356 χ^2/NDF : 1151669.7/9

Right Out: 1396.866+/-0.538 χ^2/NDF : 157415.9/6

Left In: 1253.630+/-0.394 χ^2/NDF : 49852.6/7

1219.365+/-0.206 χ^2/NDF : 1955591.6/32

asym_at1_dd_mean vs slug



Right In: 1427.046 $\pm$ 611.810 χ^2 /NDF: 3.6/7

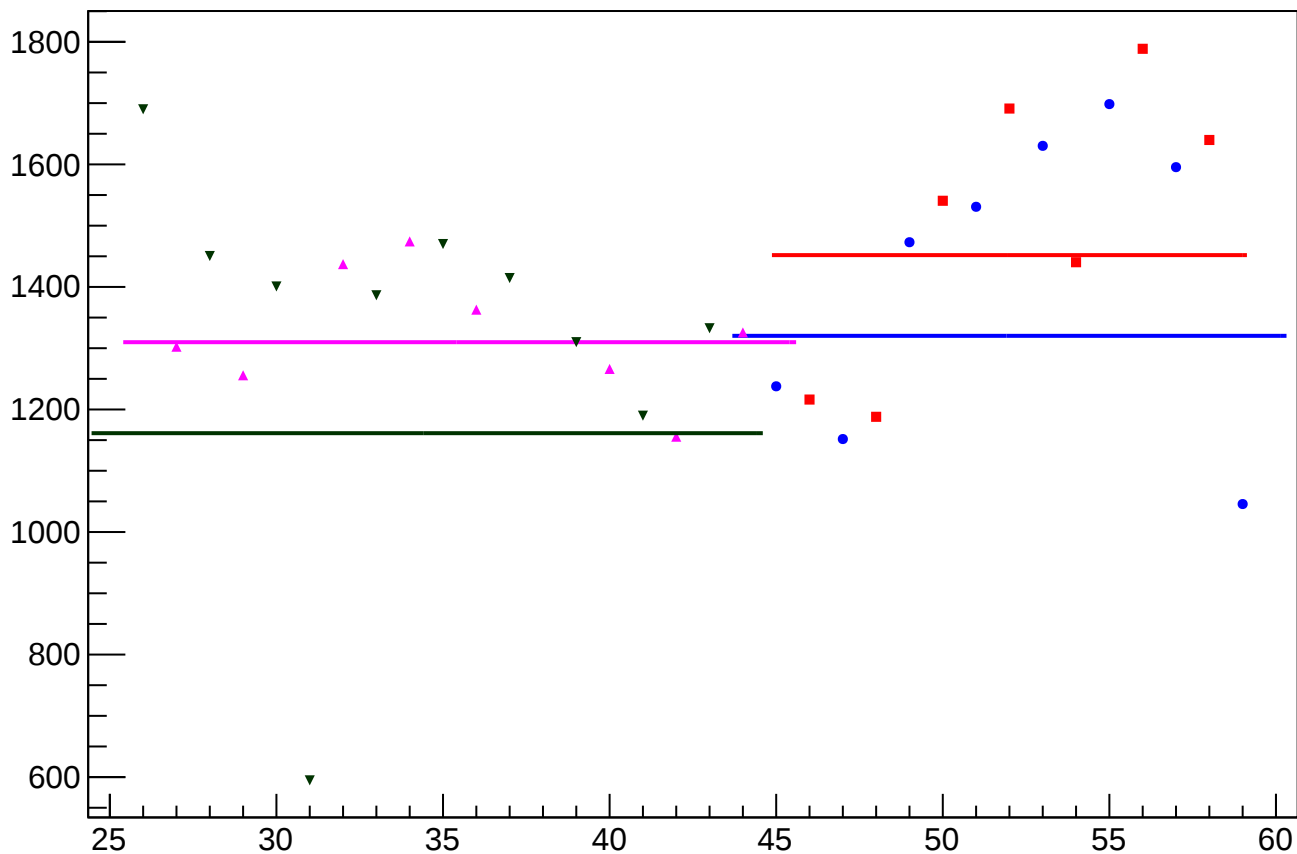
Left Out: 367.665 $\pm$ 537.785 χ^2 /NDF: 6.2/9

Right Out: 1136.042 $\pm$ 789.262 χ^2 /NDF: 8.4/6

Left In: -868.425 $\pm$ 587.420 χ^2 /NDF: 6.8/7

412.948 $\pm$ 306.677 χ^2 /NDF: 33.3/32

asym_at1_dd_rms vs slug



Right In: 1320.206+/-0.433 χ^2/NDF : 291255.6/7

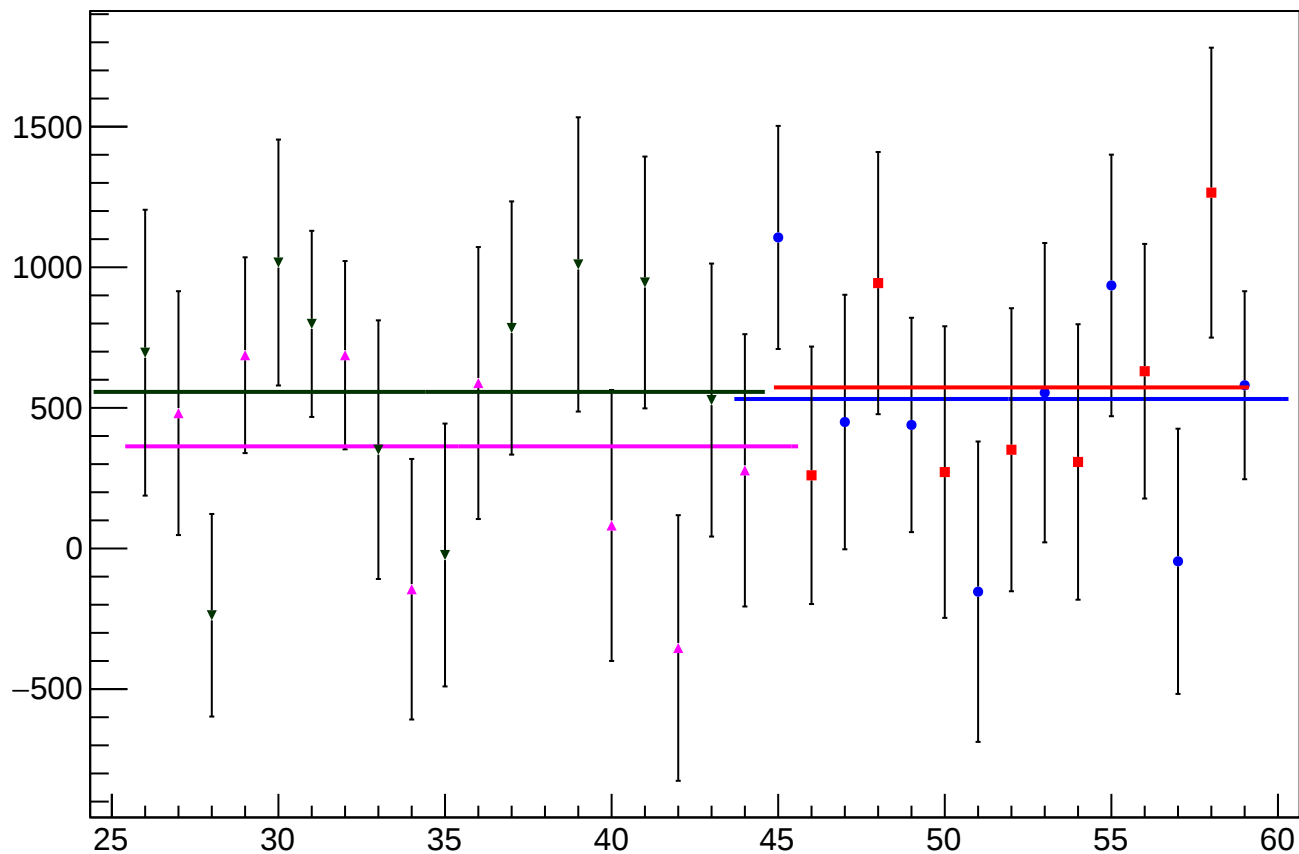
Left Out: 1161.322+/-0.380 χ^2/NDF : 942121.1/9

Right Out: 1451.930+/-0.558 χ^2/NDF : 146601.3/6

Left In: 1309.822+/-0.415 χ^2/NDF : 49968.8/7

1285.595+/-0.217 χ^2/NDF : 1635377.0/32

reg_asym_at2_avg_mean vs slug



Right In: 531.682 ± 152.091 χ^2/NDF : 6.1/7

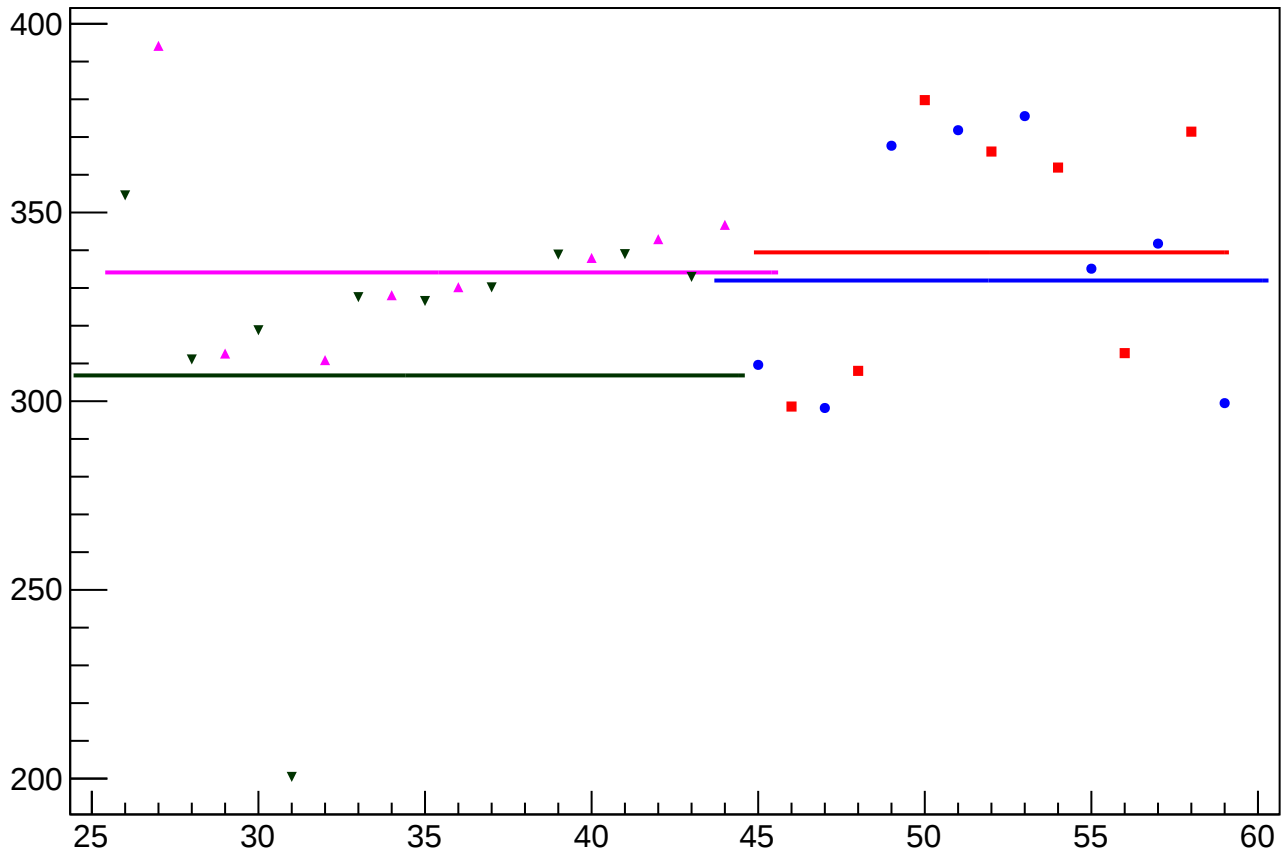
Left Out: 556.863 ± 137.272 χ^2/NDF : 10.1/9

Right Out: 572.877 ± 183.023 χ^2/NDF : 3.7/6

Left In: 363.206 ± 149.925 χ^2/NDF : 6.0/7

502.796 ± 76.552 χ^2/NDF : 27.1/32

reg_asym_at2_avg_rms vs slug



Right In: 331.980 ± 0.108 $\chi^2/\text{NDF}: 79423.9/7$

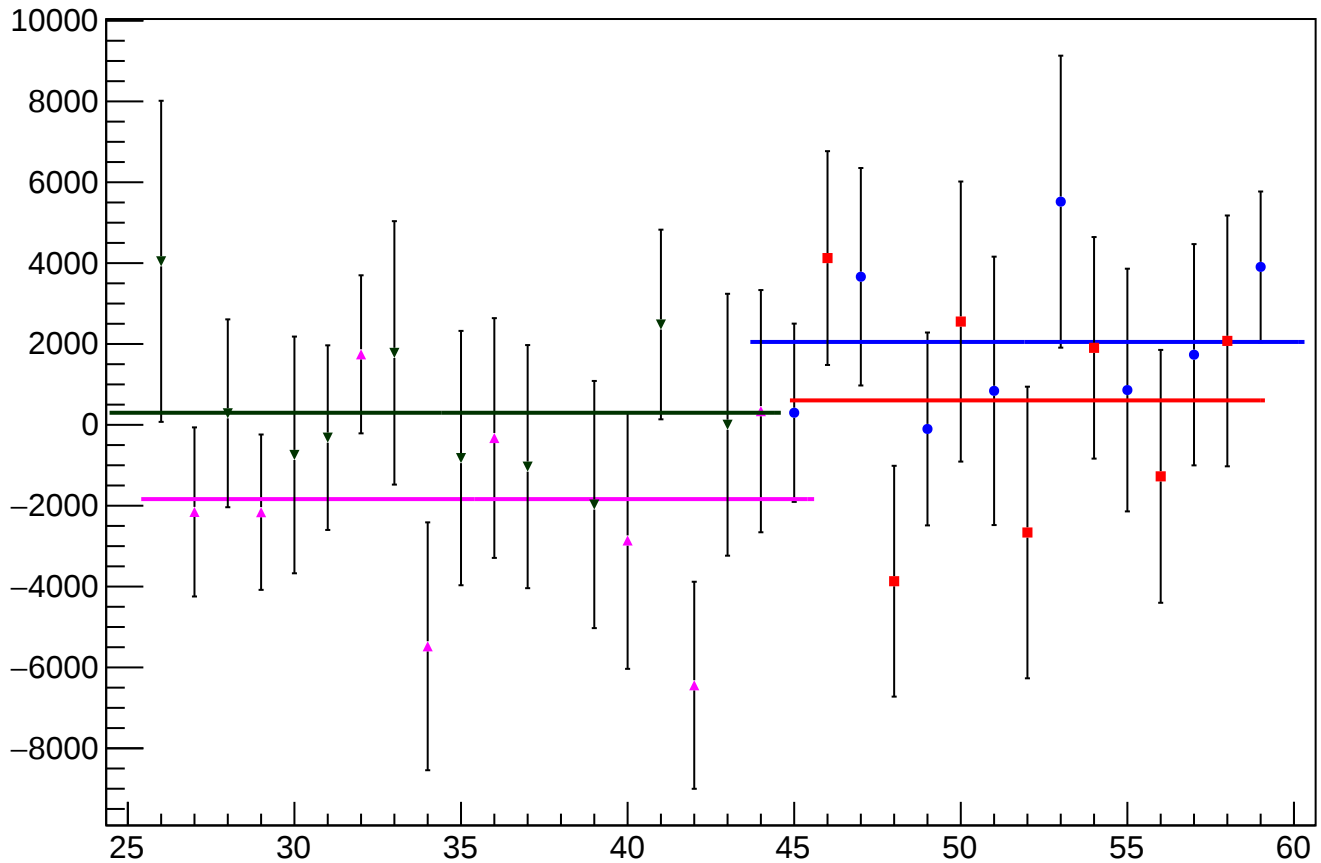
Left Out: 306.830 ± 0.097 $\chi^2/\text{NDF}: 262678.8/9$

Right Out: 339.436 ± 0.129 $\chi^2/\text{NDF}: 61615.5/6$

Left In: 334.120 ± 0.106 $\chi^2/\text{NDF}: 58261.7/7$

326.021 ± 0.054 $\chi^2/\text{NDF}: 520720.5/32$

asym_at2_avg_correction_mean vs slug



Right In: 2050.497 $\pm$ 905.627 χ^2 /NDF: 4.0/7

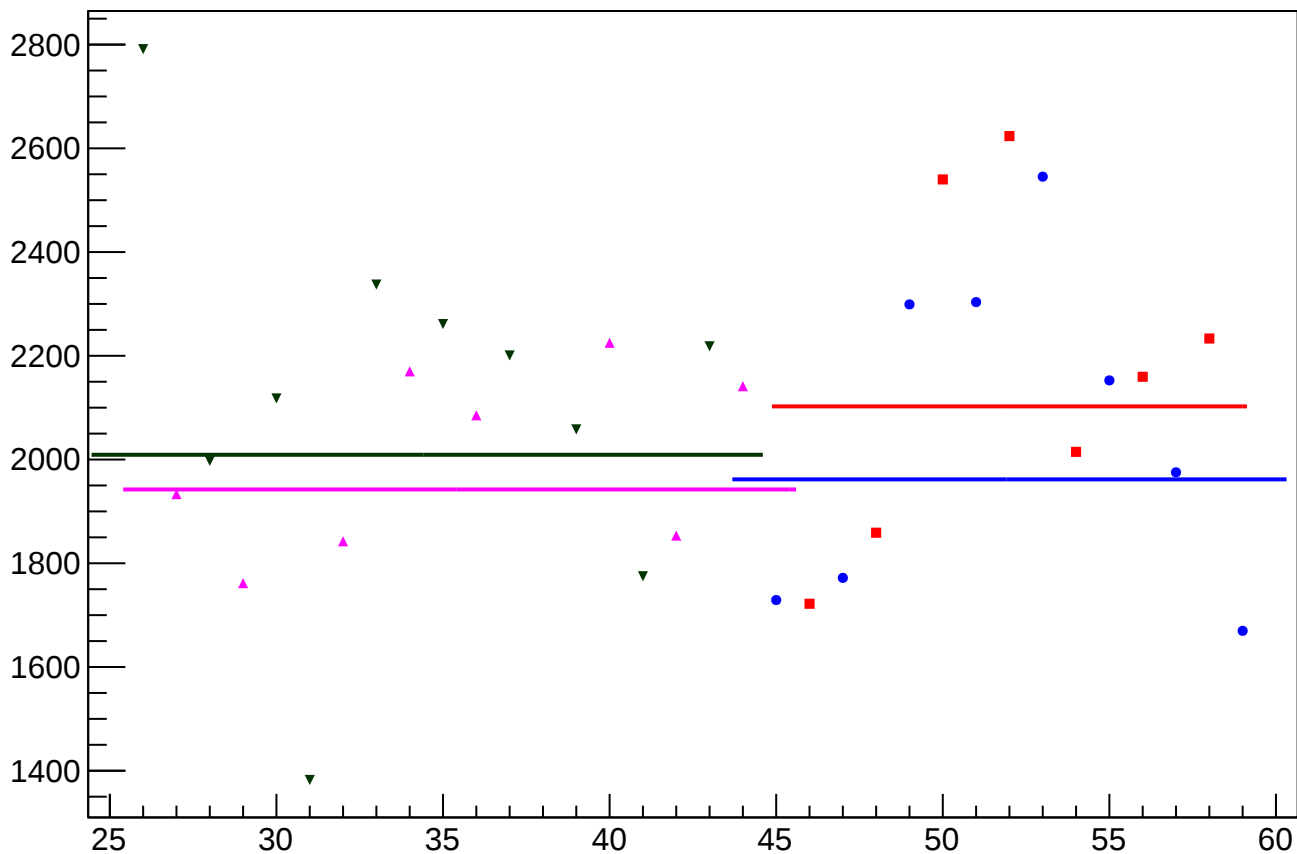
Left Out: 298.949 $\pm$ 895.409 χ^2 /NDF: 3.0/9

189.304 $\pm$ 467.450 χ^2 /NDF: 32.1/32

Right Out: 604.729 $\pm$ 1143.066 χ^2 /NDF: 6.2/6

Left In: -1836.605 $\pm$ 862.395 χ^2 /NDF: 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1961.744+/-0.640 χ^2/NDF : 202877.1/7

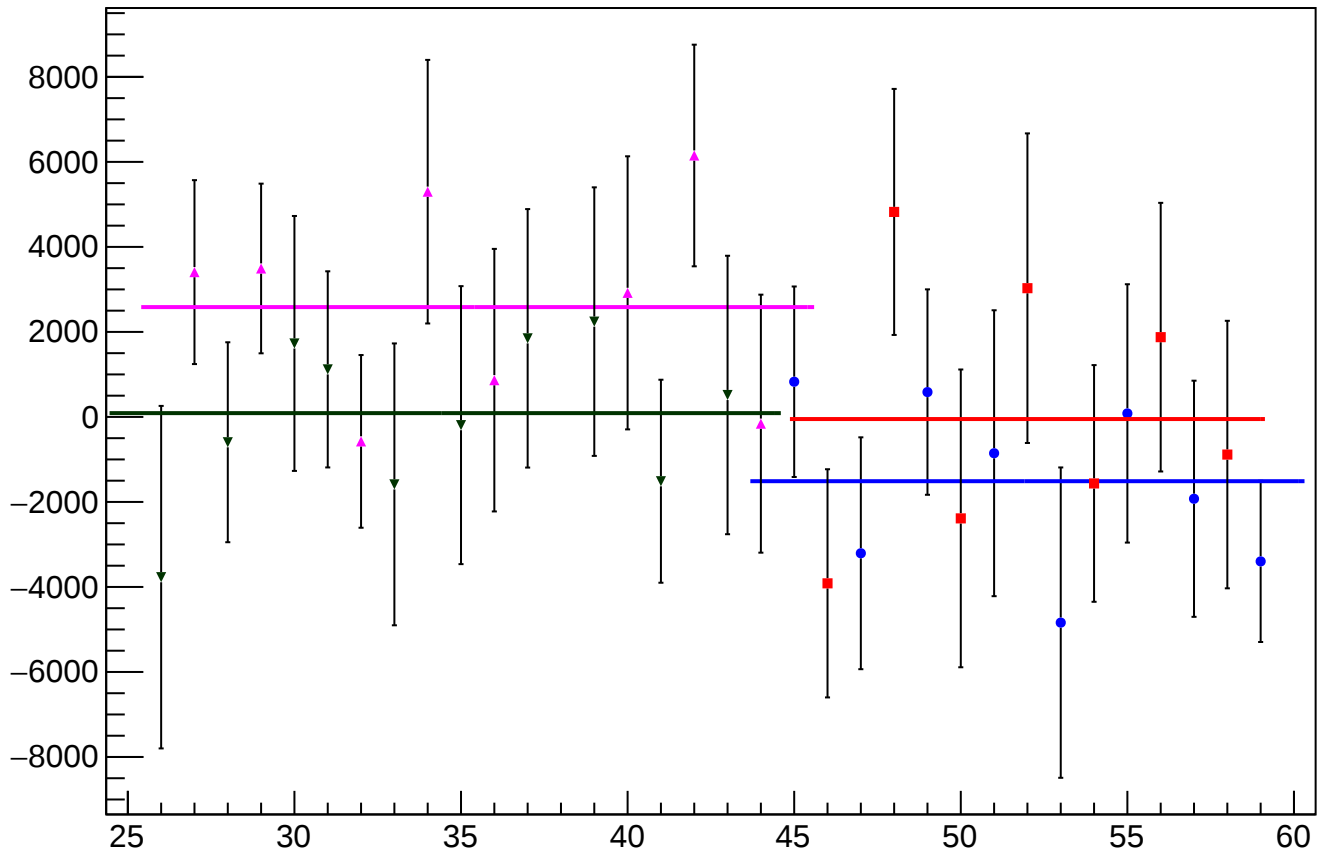
Left Out: 2009.181+/-0.633 χ^2/NDF : 301244.6/9

Right Out: 2102.471+/-0.808 χ^2/NDF : 135930.8/6

Left In: 1942.327+/-0.610 χ^2/NDF : 65743.5/7

1992.502+/-0.331 χ^2/NDF : 734078.2/32

asym_at2_avg_mean vs slug



Right In: -1511.803 ± 918.938 χ^2/NDF : 4.4/7

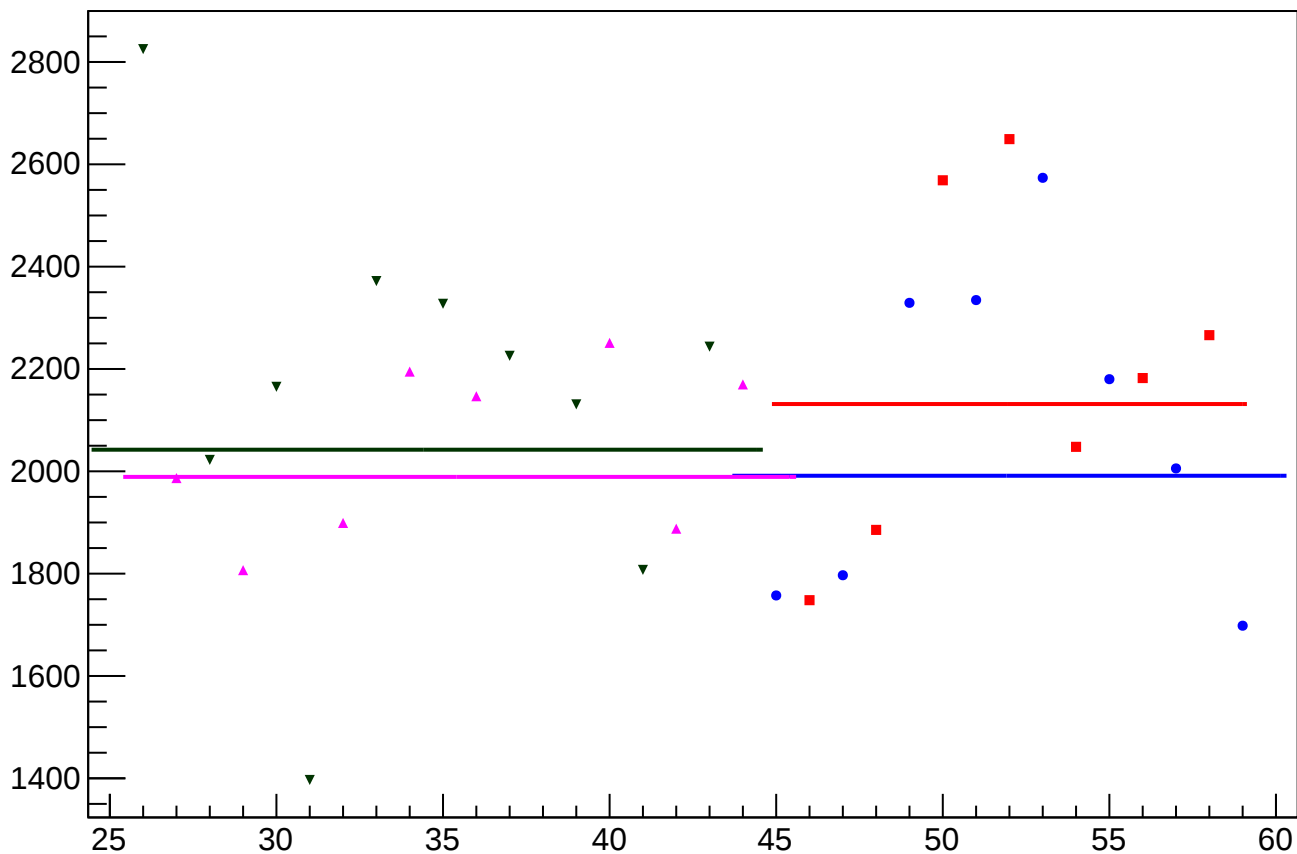
Left Out: 89.516 ± 911.791 χ^2/NDF : 3.0/9

354.036 ± 476.693 χ^2/NDF : 31.4/32

Right Out: -49.747 ± 1158.412 χ^2/NDF : 6.8/6

Left In: 2584.001 ± 887.895 χ^2/NDF : 6.5/7

asym_at2_avg_rms vs slug



Right In: 1991.326+/-0.650 χ^2/NDF : 198337.4/7

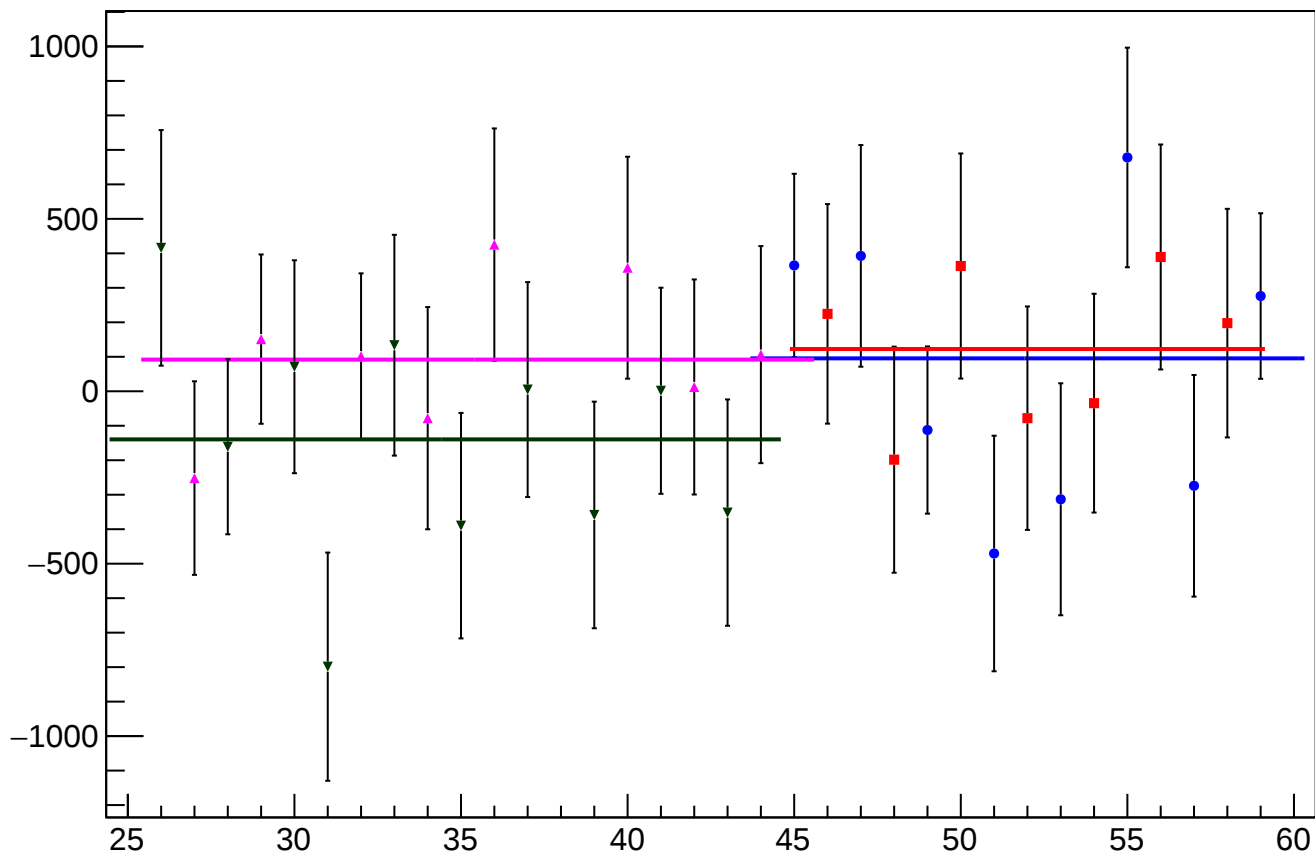
Left Out: 2042.242+/-0.645 χ^2/NDF : 306288.1/9

Right Out: 2131.491+/-0.819 χ^2/NDF : 132817.5/6

Left In: 1989.107+/-0.628 χ^2/NDF : 58031.4/7

2028.338+/-0.337 χ^2/NDF : 718947.1/32

reg_asym_at2_dd_mean vs slug



Right In: 95.430+/-102.513 χ^2/NDF : 12.1/7

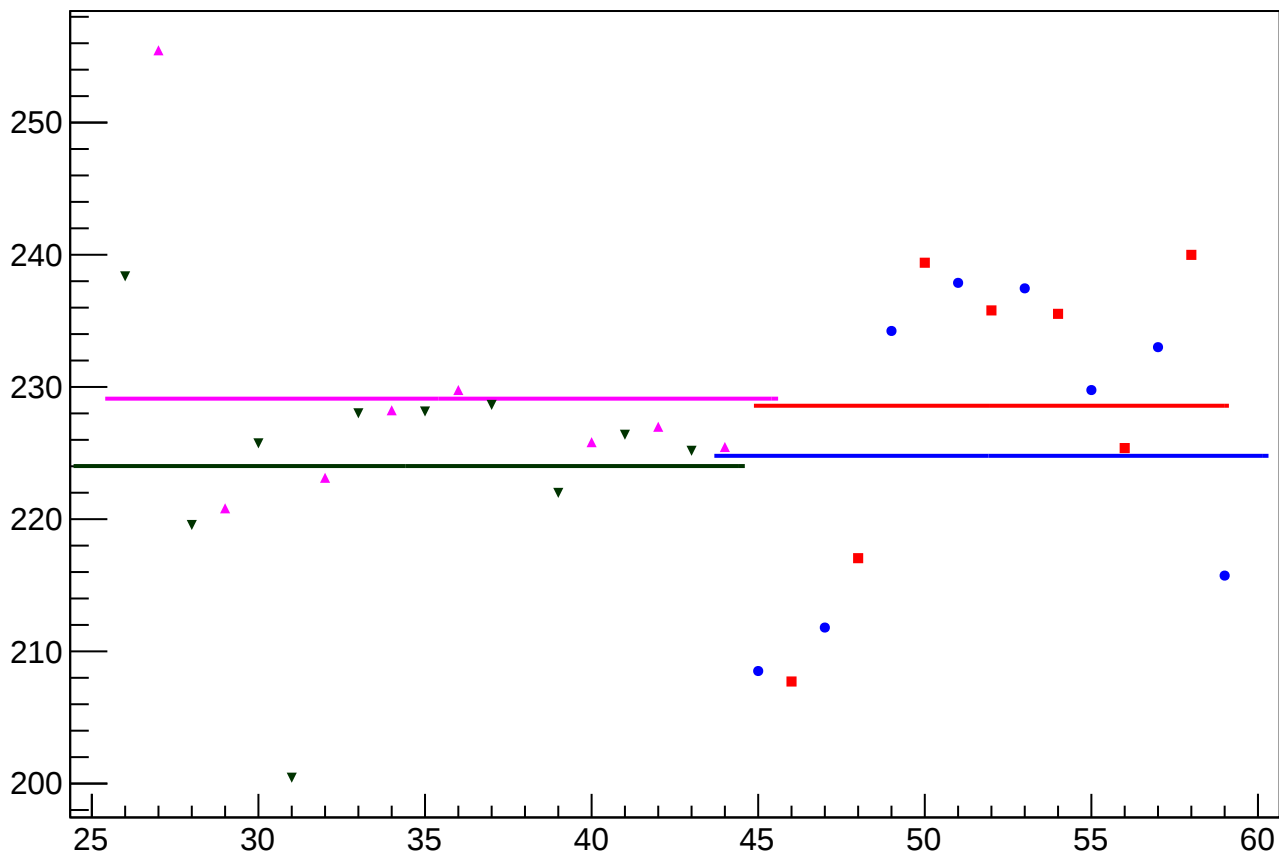
Left Out: -139.503+/-98.600 χ^2/NDF : 9.7/9

Right Out: 122.533+/-122.608 χ^2/NDF : 3.0/6

Left In: 91.824+/-102.556 χ^2/NDF : 3.6/7

32.293+/-52.733 χ^2/NDF : 32.6/32

reg_asym_at2_dd_rms vs slug



Right In: 224.791 ± 0.072 χ^2/NDF : 24221.9/7

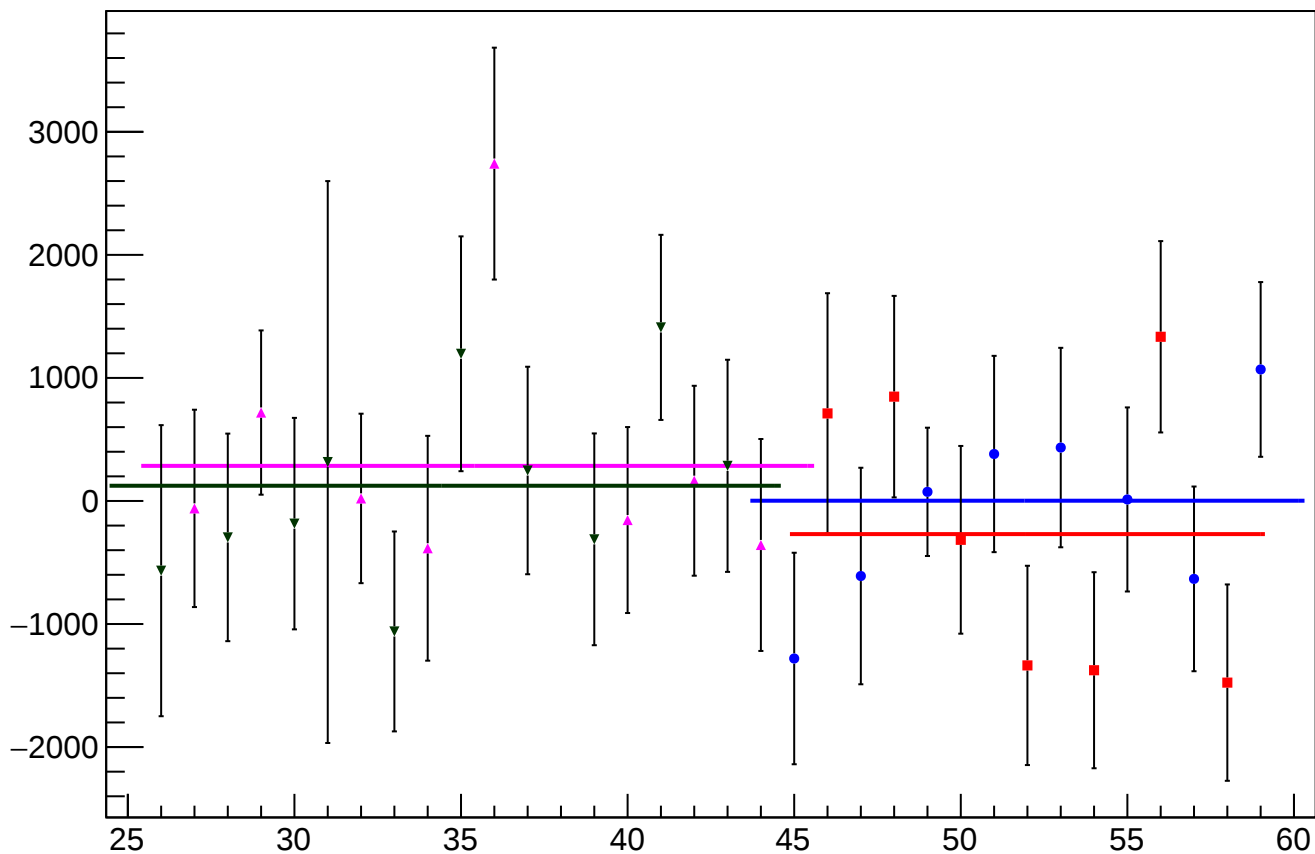
Left Out: 224.018 ± 0.070 χ^2/NDF : 15653.5/9

Right Out: 228.580 ± 0.087 χ^2/NDF : 17773.3/6

Left In: 229.116 ± 0.073 χ^2/NDF : 21746.8/7

226.414 ± 0.037 χ^2/NDF : 83090.0/32

asym_at2_dd_correction_mean vs slug



Right In: 2.064 ± 258.508 $\chi^2/\text{NDF}: 6.2/7$

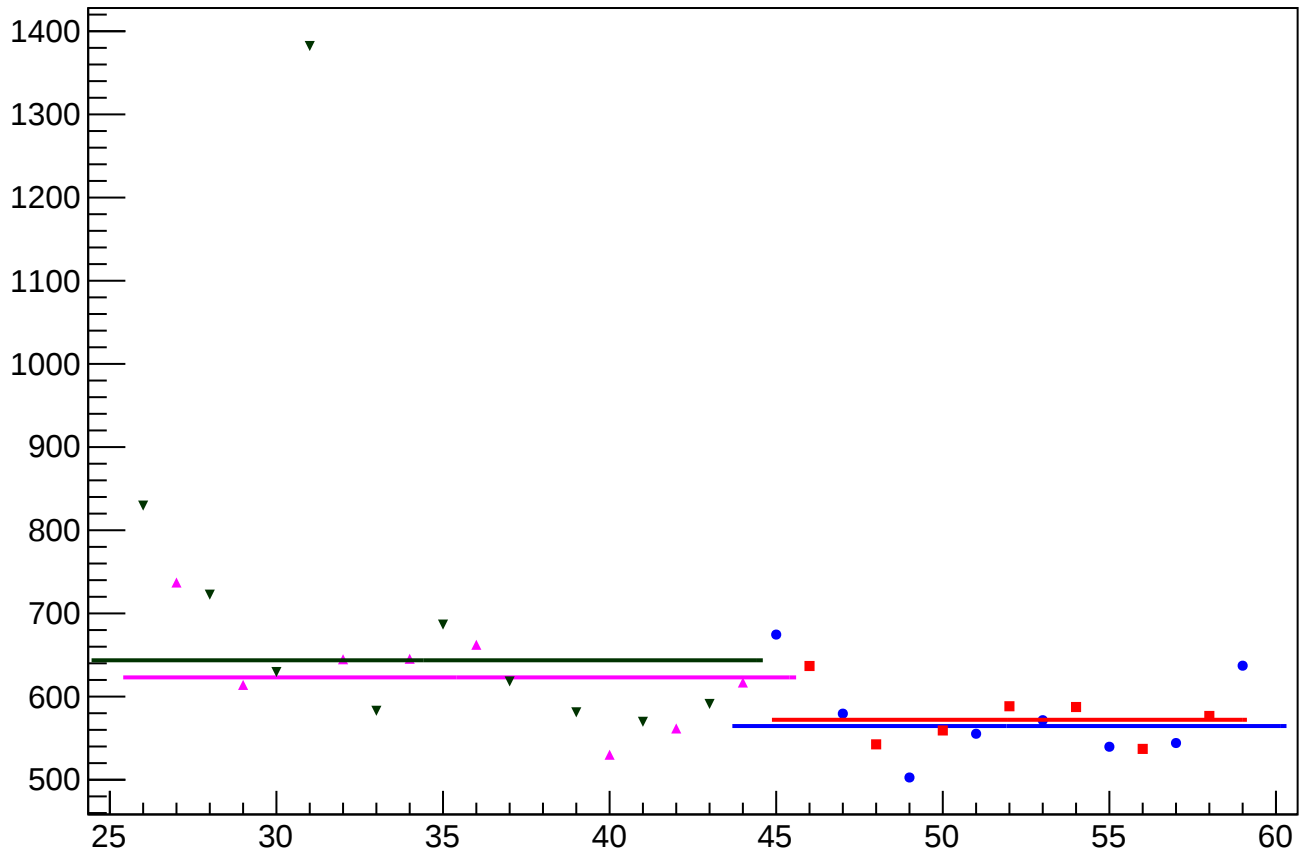
Left Out: 123.706 ± 286.884 $\chi^2/\text{NDF}: 7.4/9$

Right Out: -269.250 ± 307.391 $\chi^2/\text{NDF}: 13.1/6$

Left In: 285.318 ± 277.235 $\chi^2/\text{NDF}: 9.0/7$

47.263 ± 140.430 $\chi^2/\text{NDF}: 37.6/32$

asym_at2_dd_correction_rms vs slug



Right In: 564.591+/-0.183 χ^2/NDF : 86488.0/7

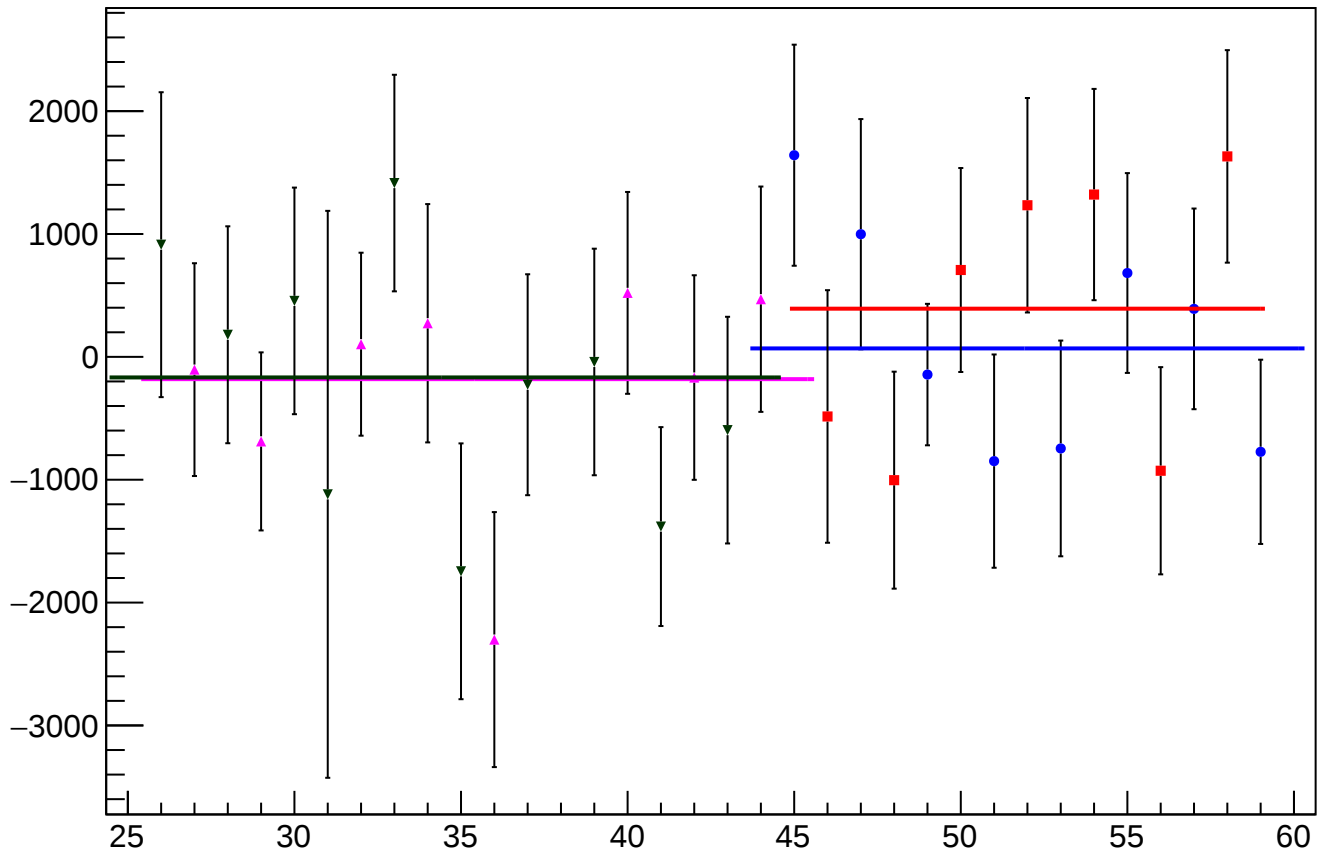
Left Out: 643.644+/-0.203 χ^2/NDF : 331127.9/9

Right Out: 572.114+/-0.217 χ^2/NDF : 17601.5/6

Left In: 623.079+/-0.196 χ^2/NDF : 90546.5/7

600.110+/-0.099 χ^2/NDF : 639892.9/32

asym_at2_dd_mean vs slug



Right In: 68.709+/-279.434 χ^2/NDF : 8.1/7

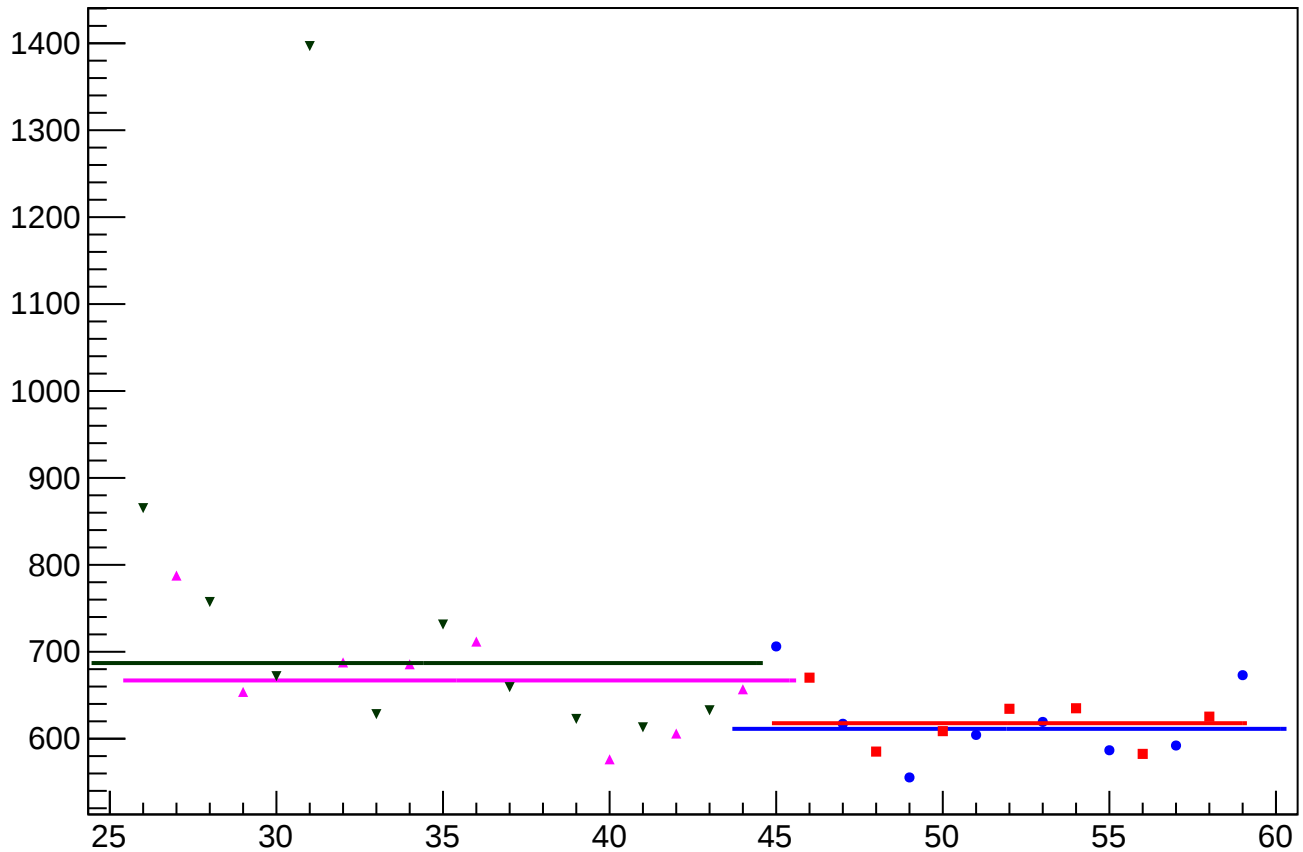
Left Out: -167.454+/-306.843 χ^2/NDF : 9.5/9

14.748+/-151.337 χ^2/NDF : 36.0/32

Right Out: 392.161+/-331.707 χ^2/NDF : 10.0/6

Left In: -181.369+/-299.524 χ^2/NDF : 6.3/7

asym_at2_dd_rms vs slug



Right In: 611.347+/-0.198 χ^2/NDF : 57941.6/7

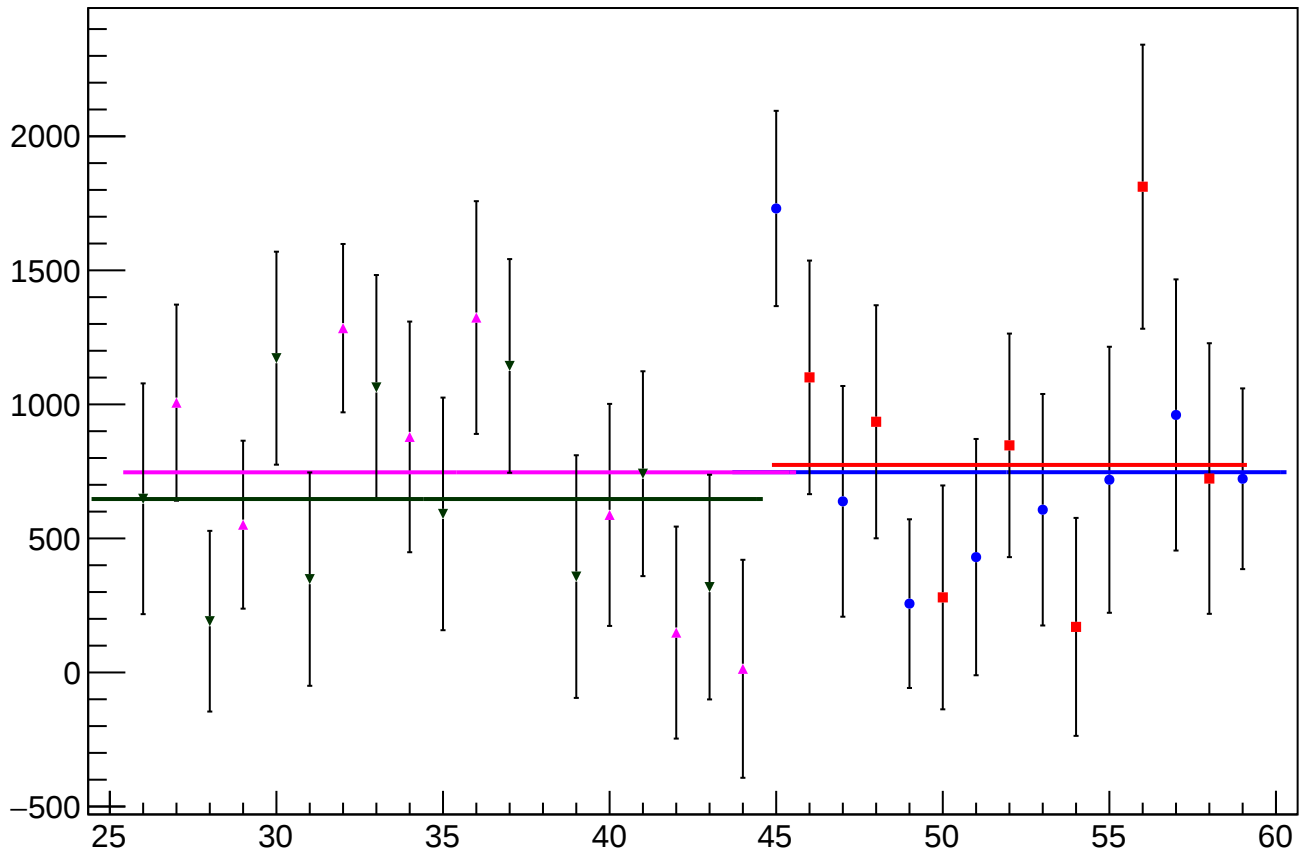
Left Out: 687.034+/-0.217 χ^2/NDF : 291456.1/9

Right Out: 617.831+/-0.235 χ^2/NDF : 13348.0/6

Left In: 667.018+/-0.212 χ^2/NDF : 80872.4/7

645.320+/-0.107 χ^2/NDF : 534375.0/32

reg_asym_atl1r2_avg_mean vs slug



Right In: 747.042 $\pm$ 140.966 χ^2 /NDF: 10.6/7

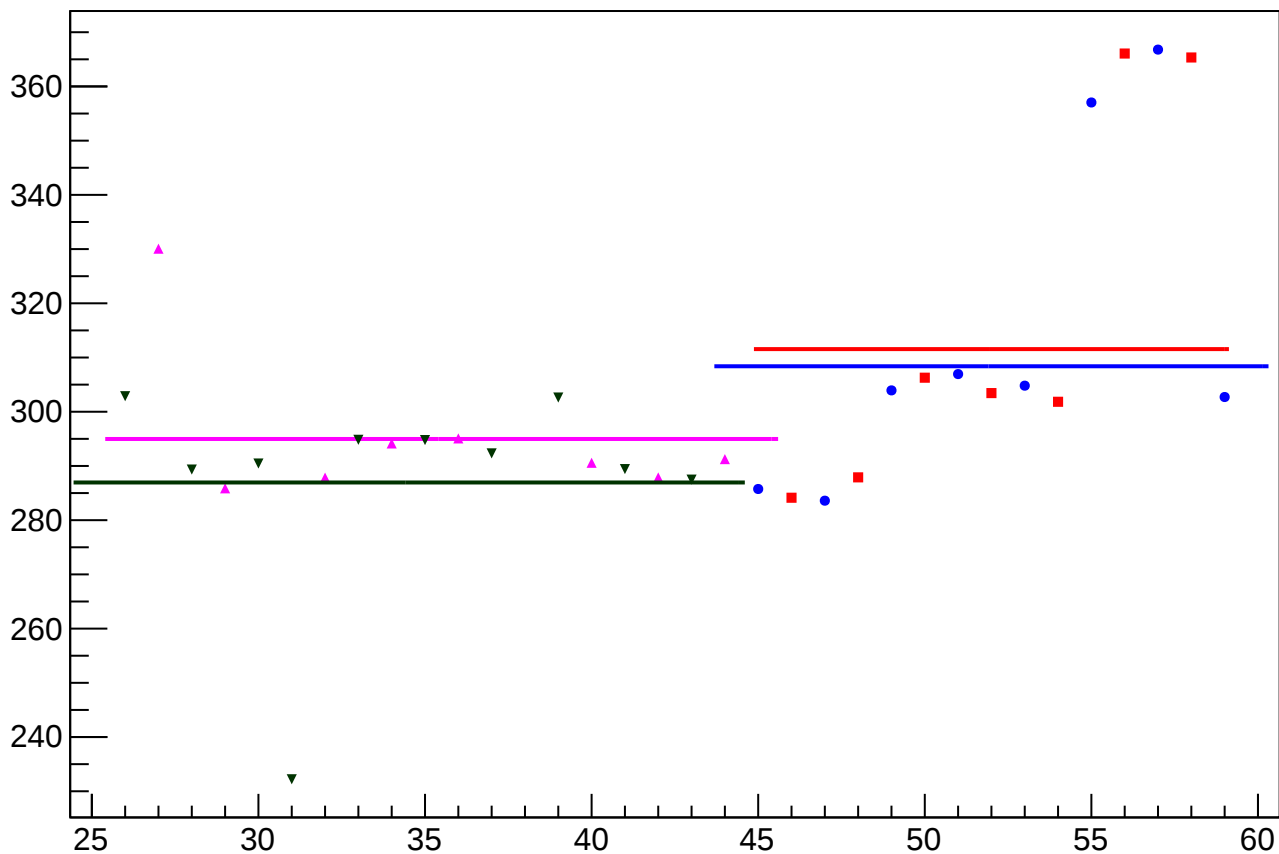
Left Out: 646.945 $\pm$ 127.436 χ^2 /NDF: 7.8/9

721.467 $\pm$ 69.966 χ^2 /NDF: 38.4/32

Right Out: 774.167 $\pm$ 167.630 χ^2 /NDF: 8.2/6

Left In: 746.580 $\pm$ 132.693 χ^2 /NDF: 11.4/7

reg_asym_atl1r2_avg_rms vs slug



Right In: 308.387 $\pm$ 0.100 χ^2 /NDF: 61388.0/7

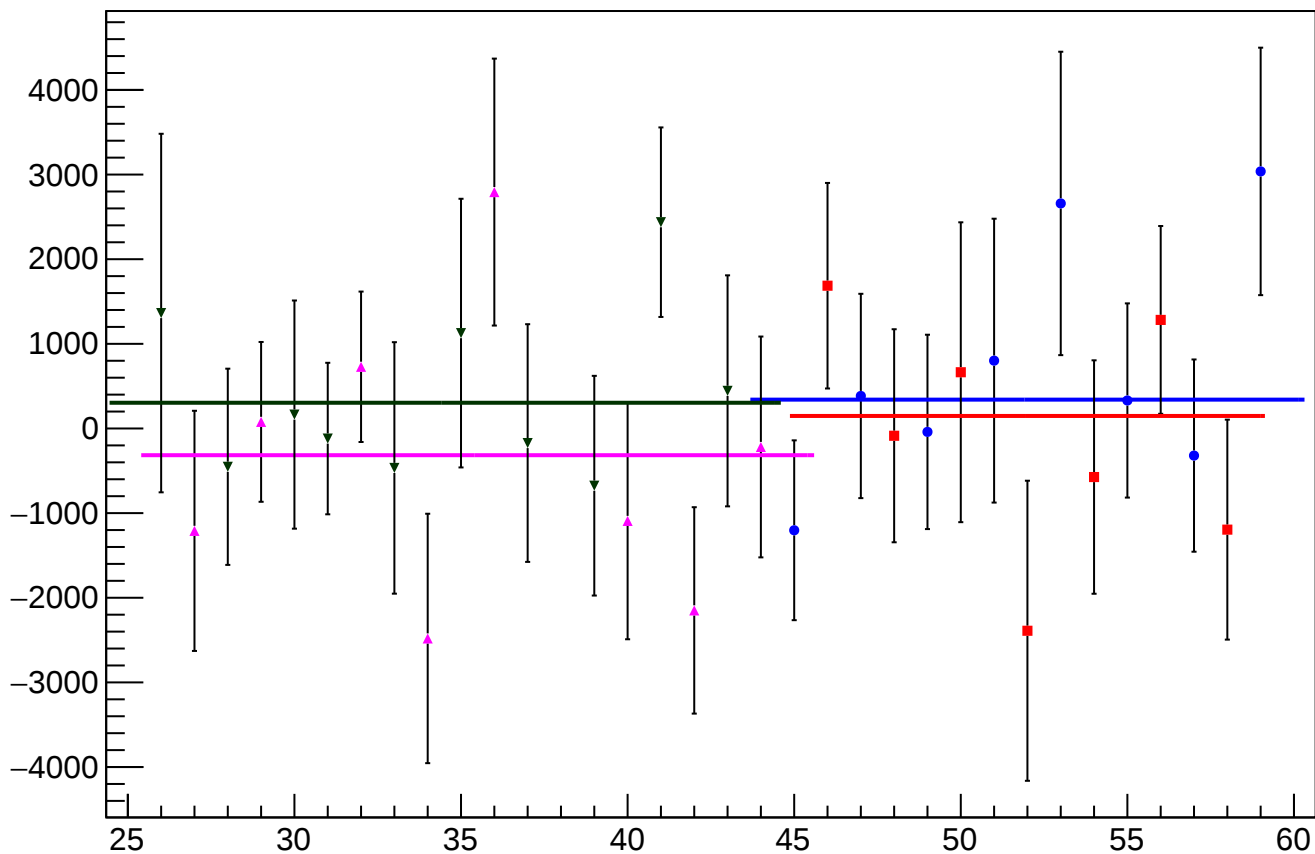
Left Out: 286.953 $\pm$ 0.090 χ^2 /NDF: 45031.7/9

298.749 $\pm$ 0.049 χ^2 /NDF: 228312.7/32

Right Out: 311.553 $\pm$ 0.119 χ^2 /NDF: 59945.8/6

Left In: 294.977 $\pm$ 0.094 χ^2 /NDF: 22175.8/7

asym_atl1r2_avg_correction_mean vs slug



Right In: 340.782 $\pm$ 447.168 χ^2/NDF : 7.7/7

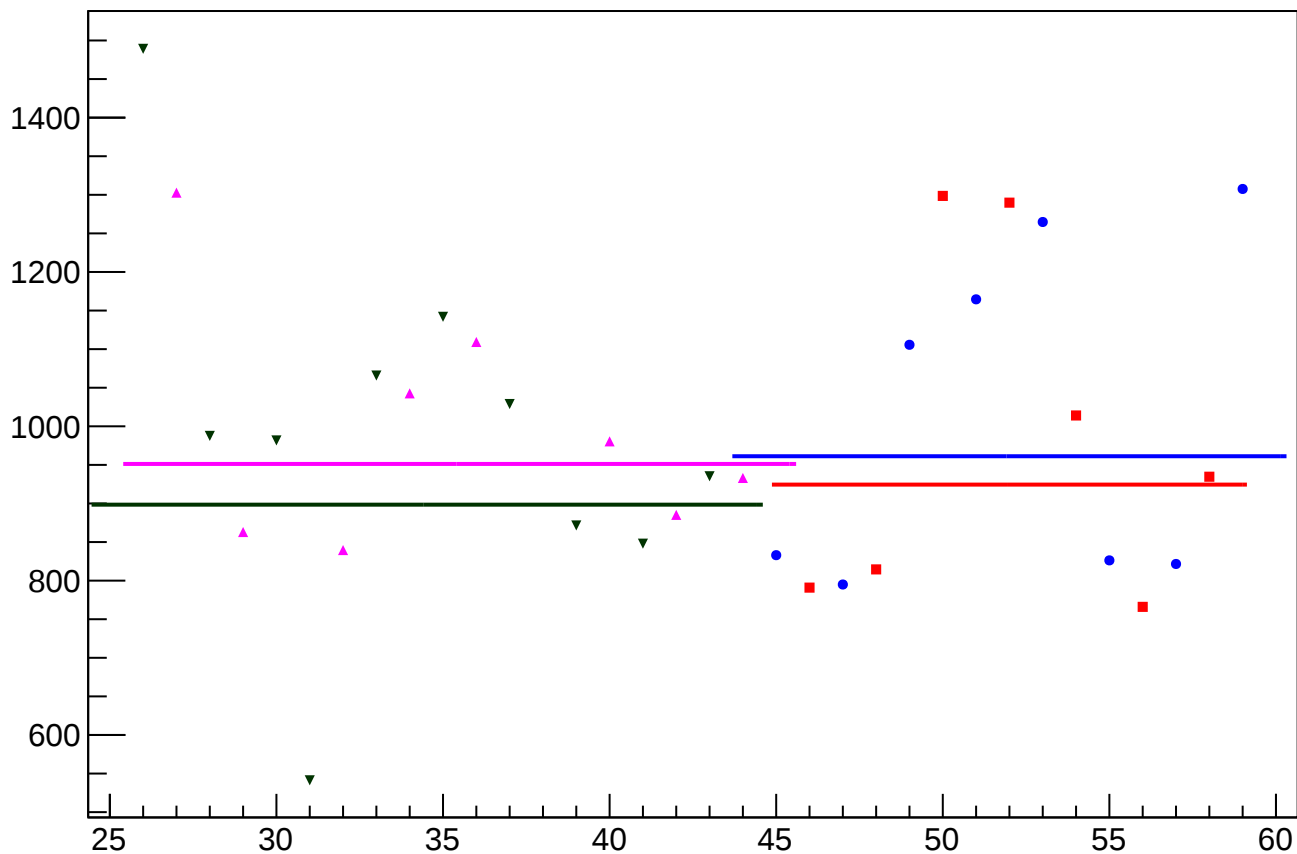
Left Out: 303.959 $\pm$ 406.510 χ^2/NDF : 5.8/9

Right Out: 147.984 $\pm$ 507.854 χ^2/NDF : 6.2/6

Left In: -315.709 $\pm$ 425.643 χ^2/NDF : 10.6/7

116.132 $\pm$ 221.137 χ^2/NDF : 31.7/32

asym_atl1r2_avg_correction_rms vs slug



Right In: 961.211 ± 0.316 χ^2/NDF : 355658.6/7

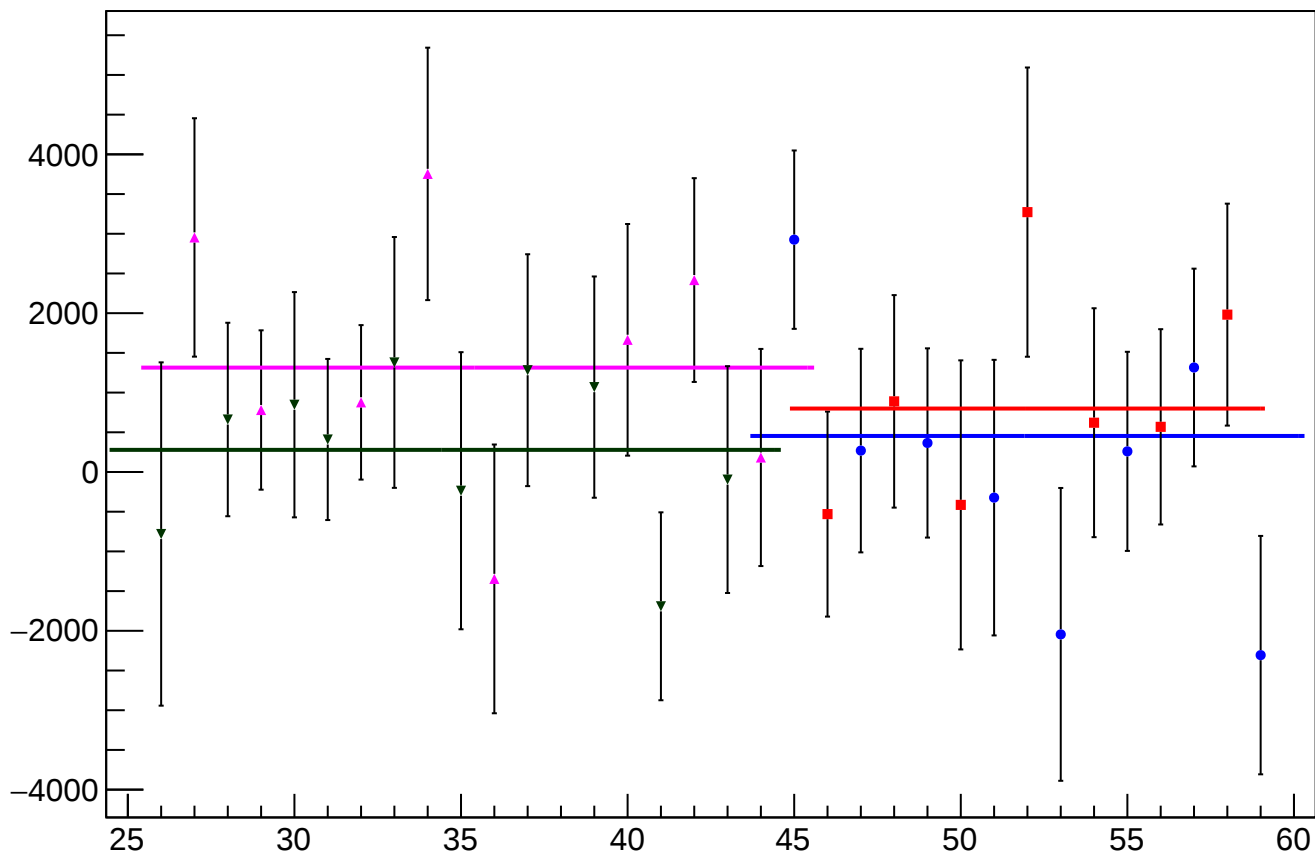
Left Out: 898.453 ± 0.287 χ^2/NDF : 589701.9/9

Right Out: 924.451 ± 0.359 χ^2/NDF : 262960.3/6

Left In: 951.224 ± 0.301 χ^2/NDF : 206752.8/7

932.974 ± 0.156 χ^2/NDF : 1441711.7/32

asym_atl1r2_avg_mean vs slug



Right In: 453.829 $\pm$ 473.652 χ^2 /NDF: 10.8/7

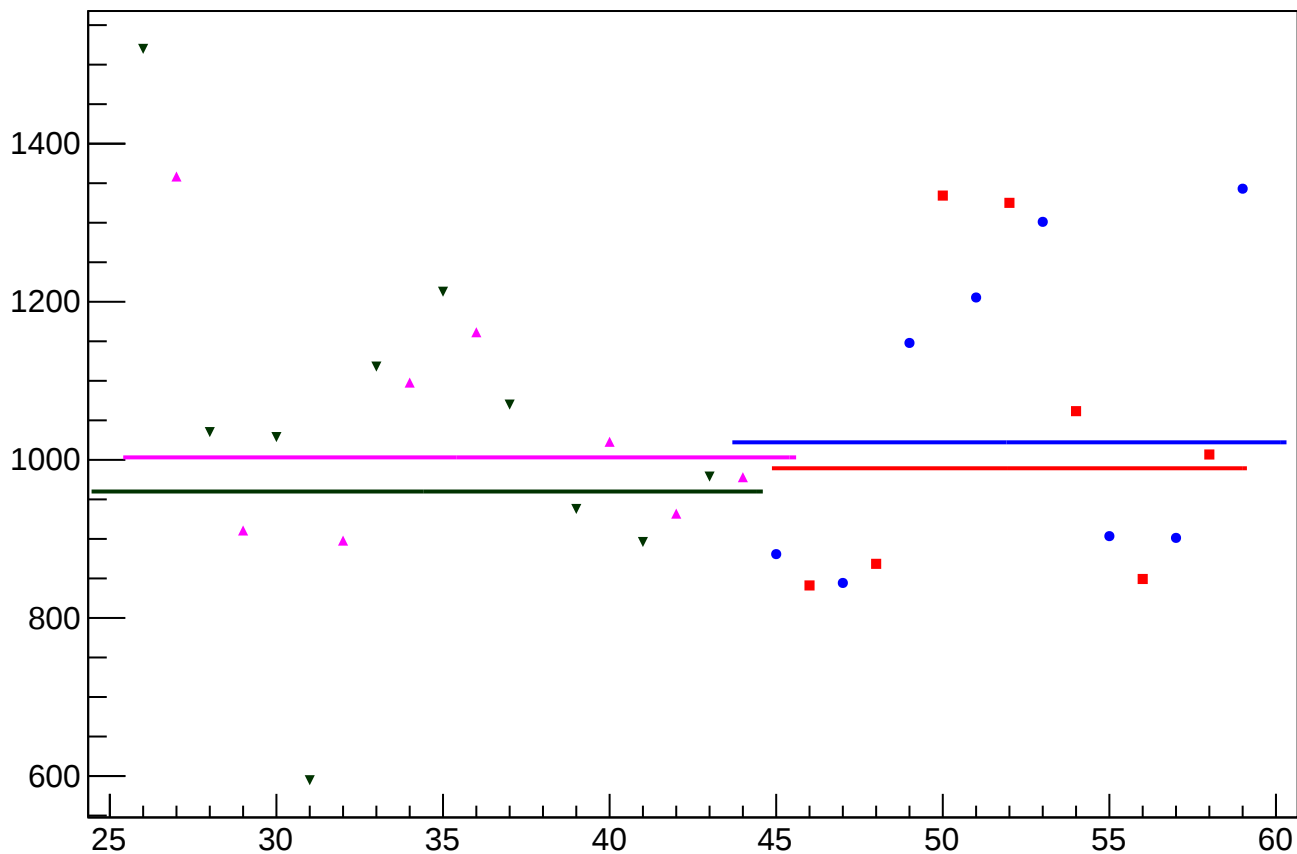
Left Out: 278.652 $\pm$ 435.403 χ^2 /NDF: 4.7/9

Right Out: 798.954 $\pm$ 541.014 χ^2 /NDF: 4.1/6

Left In: 1314.458 $\pm$ 454.003 χ^2 /NDF: 8.0/7

699.962 $\pm$ 235.700 χ^2 /NDF: 30.7/32

asym_atl1r2_avg_rms vs slug



Right In: 1022.192+/-0.335 χ^2/NDF : 288751.1/7

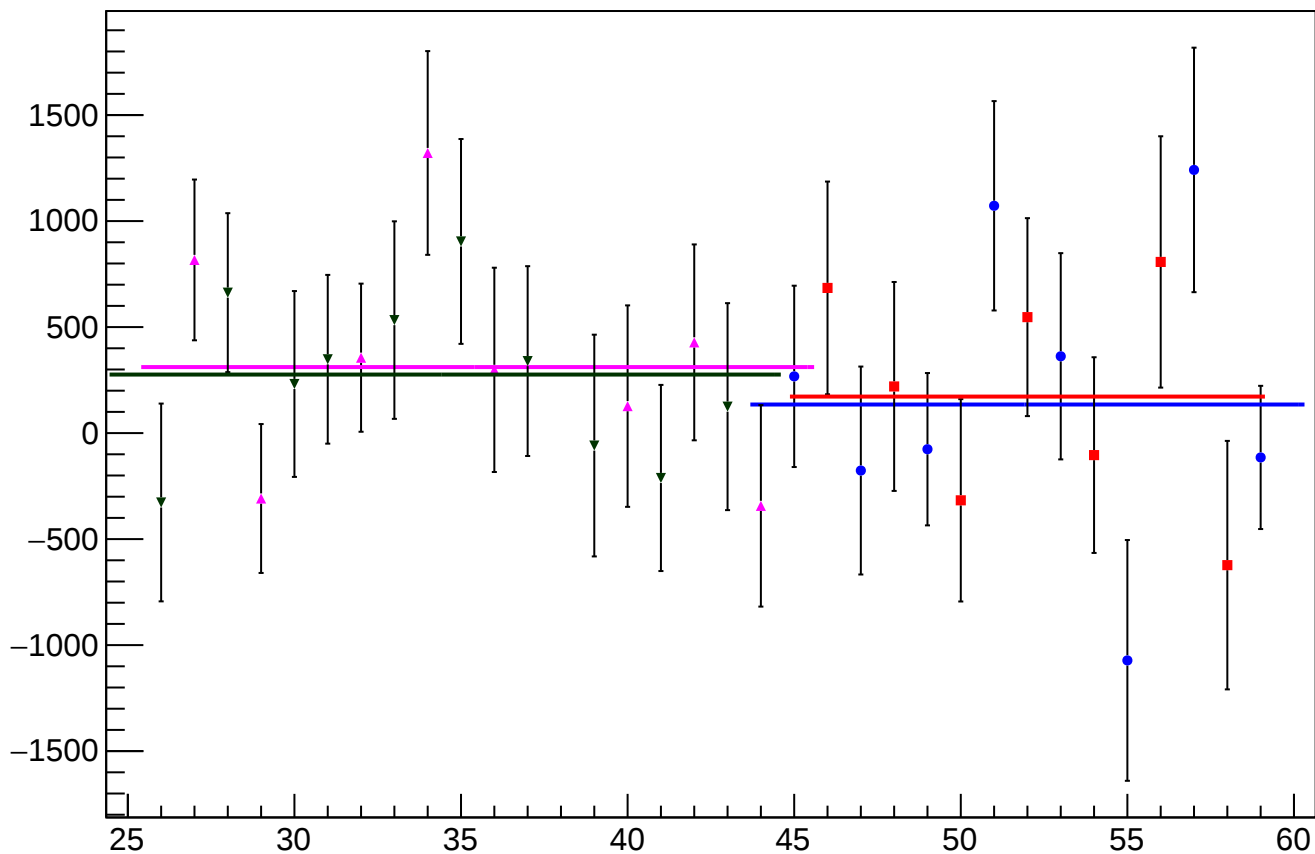
Left Out: 959.970+/-0.308 χ^2/NDF : 485856.9/9

Right Out: 989.365+/-0.383 χ^2/NDF : 213815.6/6

Left In: 1003.146+/-0.321 χ^2/NDF : 184277.9/7

992.594+/-0.167 χ^2/NDF : 1192890.9/32

reg_asym_atl1r2_dd_mean vs slug



Right In: 134.791 ± 156.984 χ^2/NDF : 13.4/7

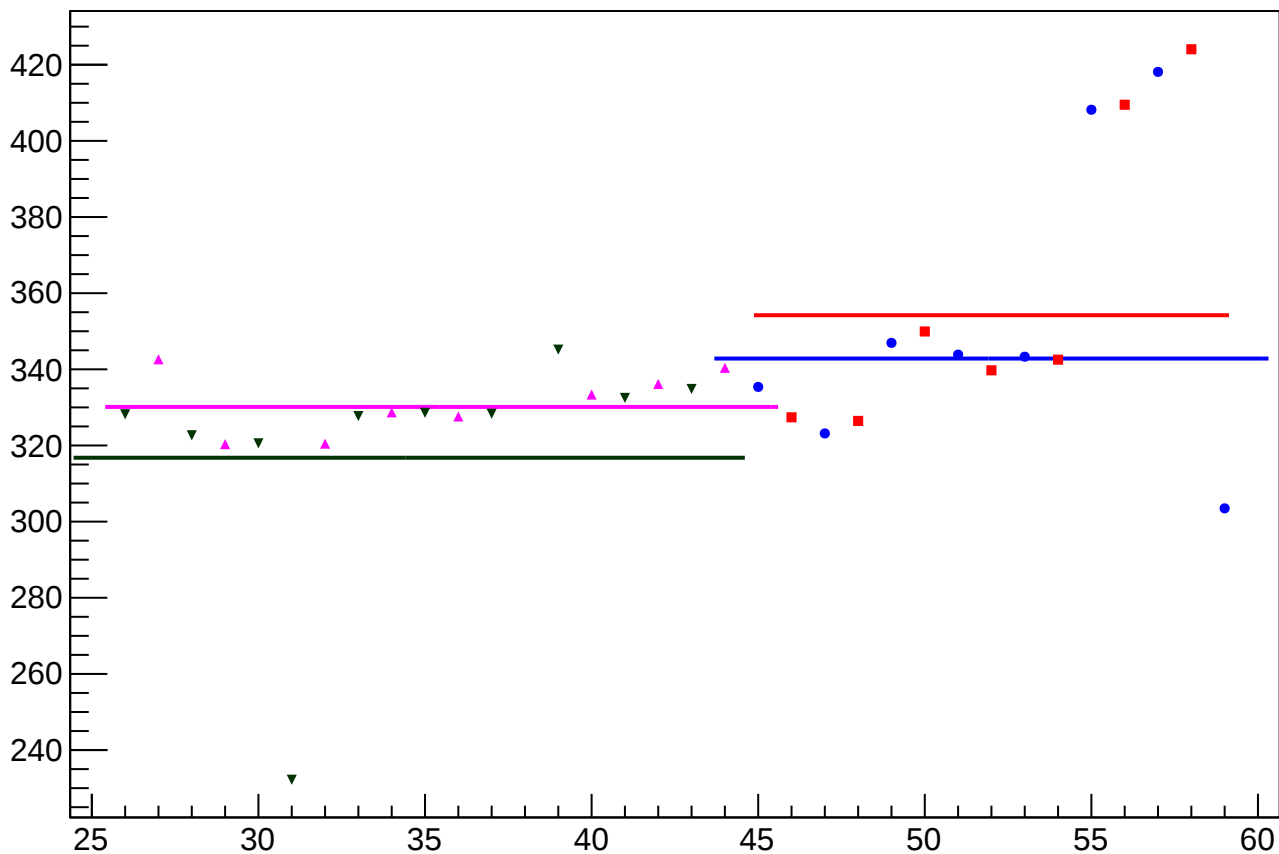
Left Out: 276.090 ± 141.202 χ^2/NDF : 6.5/9

Right Out: 172.221 ± 190.608 χ^2/NDF : 6.1/6

Left In: 311.389 ± 148.343 χ^2/NDF : 11.4/7

233.399 ± 78.158 χ^2/NDF : 38.3/32

reg_asym_atl1r2_dd_rms vs slug



Right In: 342.830 ± 0.111 $\chi^2/\text{NDF}: 91824.6/7$

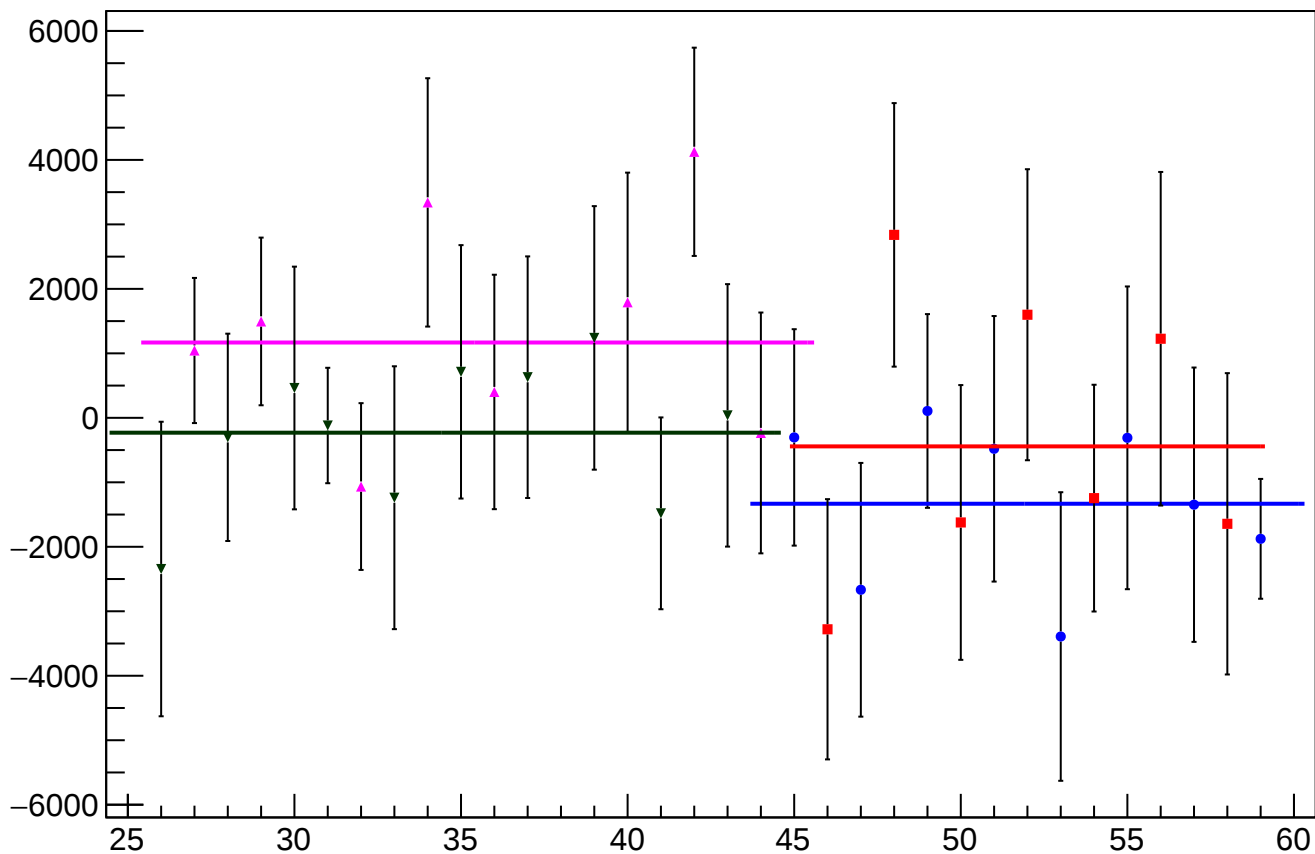
Left Out: 316.778 ± 0.100 $\chi^2/\text{NDF}: 106979.2/9$

Right Out: 354.210 ± 0.135 $\chi^2/\text{NDF}: 61236.6/6$

Left In: 330.127 ± 0.105 $\chi^2/\text{NDF}: 6690.1/7$

333.235 ± 0.055 $\chi^2/\text{NDF}: 326464.1/32$

asym_atl1r2_dd_correction_mean vs slug



Right In: -1332.473+/-572.379 χ^2/NDF : 3.3/7

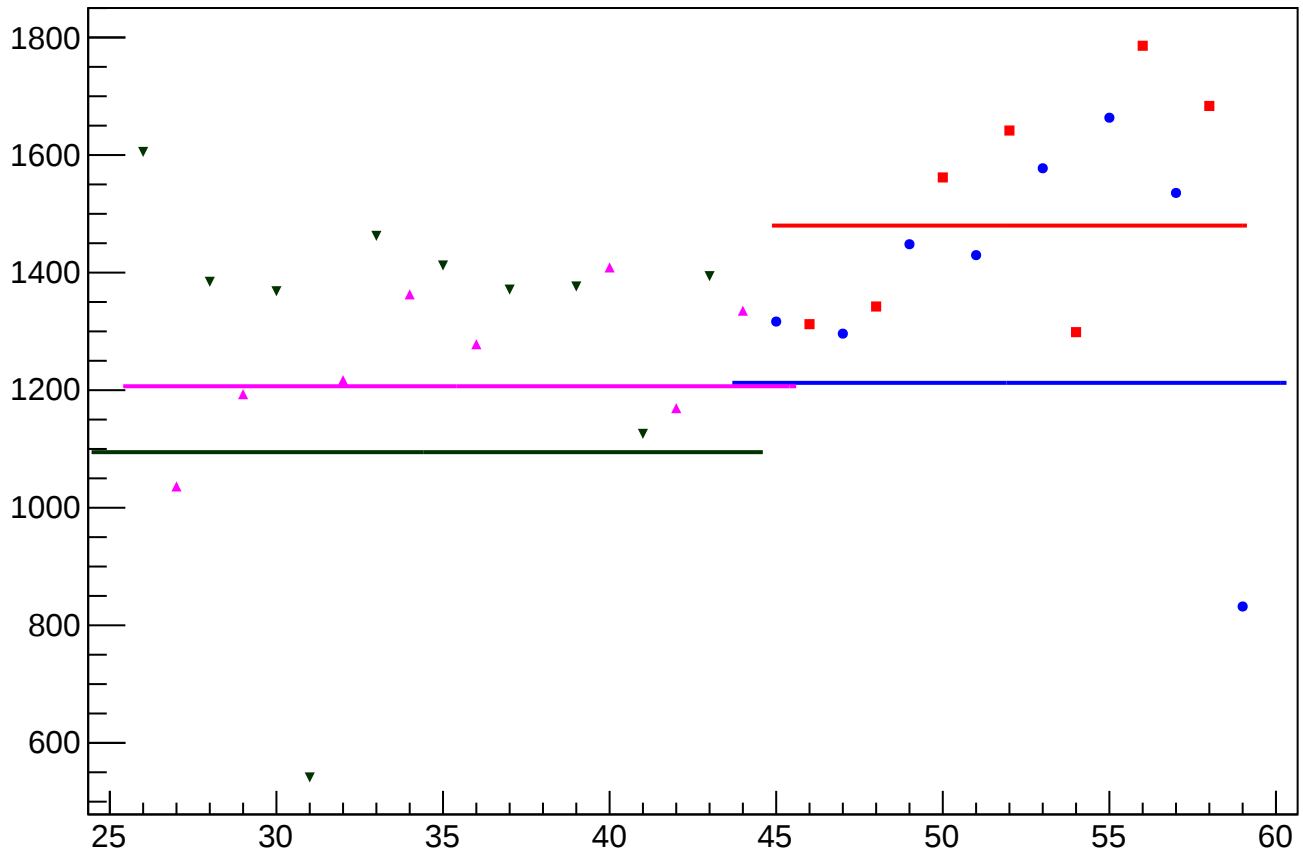
Left Out: -230.495+/-511.193 χ^2/NDF : 2.9/9

Right Out: -442.923+/-801.243 χ^2/NDF : 6.6/6

Left In: 1168.061+/-536.955 χ^2/NDF : 8.5/7

-133.376+/-289.823 χ^2/NDF : 31.8/32

asym_atl1r2_dd_correction_rms vs slug



Right In: 1212.478+/-0.405 χ^2/NDF : 591225.3/7

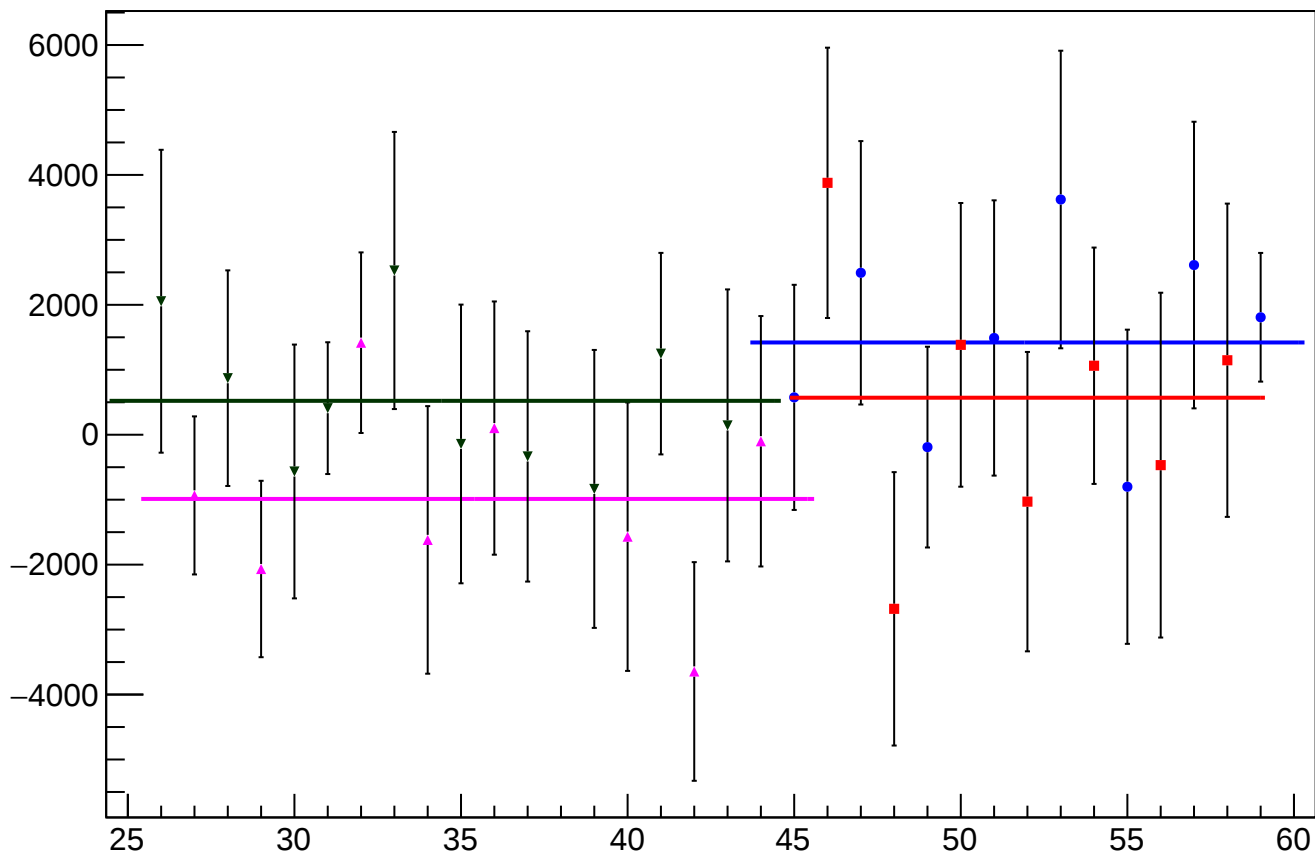
Left Out: 1094.559+/-0.361 χ^2/NDF : 1214879.1/9

Right Out: 1480.001+/-0.567 χ^2/NDF : 100503.2/6

Left In: 1206.686+/-0.380 χ^2/NDF : 93225.4/7

1207.890+/-0.205 χ^2/NDF : 2328944.0/32

asym_atl1r2_dd_mean vs slug



Right In: 1420.455 $\pm$ 597.253 χ^2 /NDF: 3.8/7

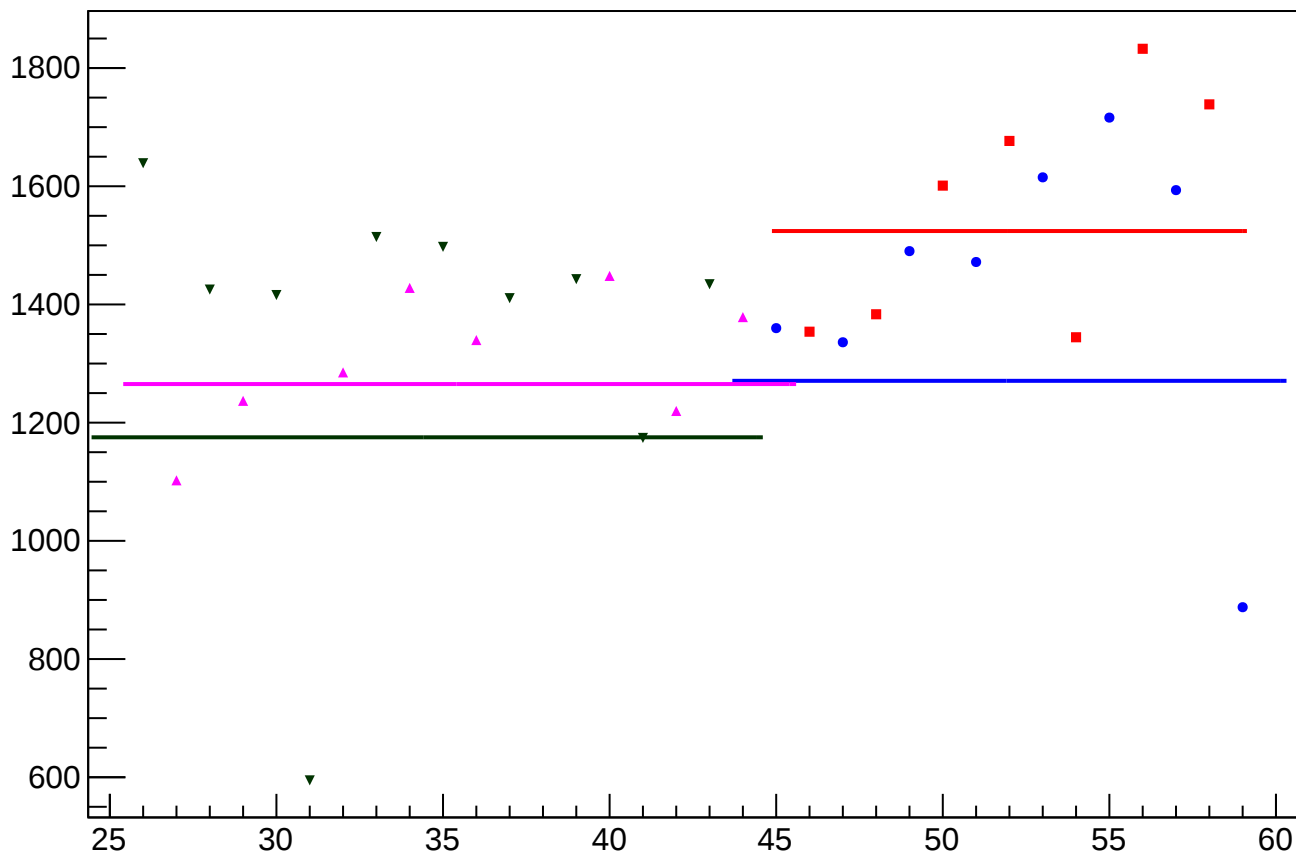
Left Out: 521.878 $\pm$ 546.444 χ^2 /NDF: 2.6/9

327.944 $\pm$ 305.522 χ^2 /NDF: 28.0/32

Right Out: 569.877 $\pm$ 824.629 χ^2 /NDF: 5.8/6

Left In: -988.467 $\pm$ 568.860 χ^2 /NDF: 6.8/7

asym_atl1r2_dd_rms vs slug



Right In: 1270.764+/-0.422 χ^2/NDF : 520489.6/7

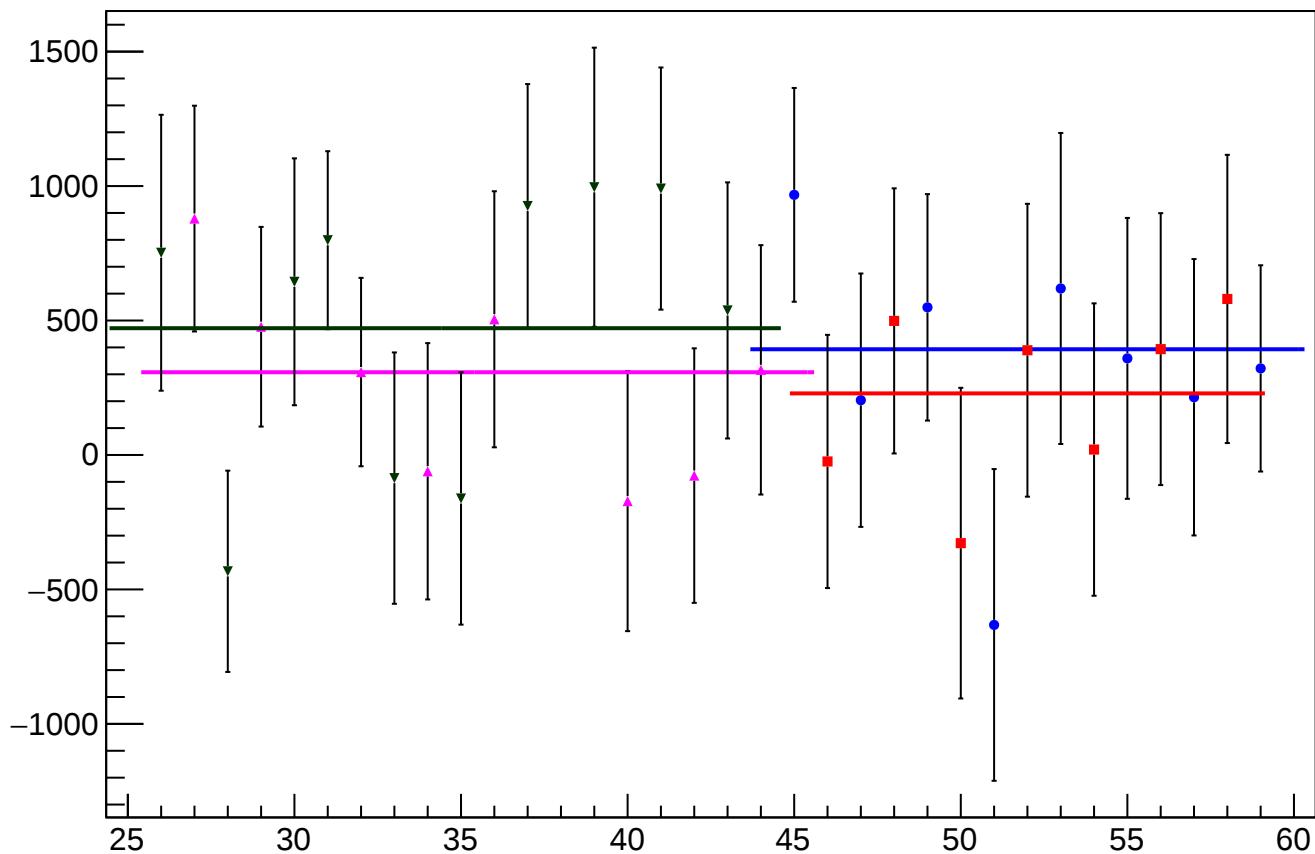
Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

Right Out: 1524.234+/-0.583 χ^2/NDF : 95894.7/6

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1274.110+/-0.216 χ^2/NDF : 1940093.5/32

reg_asym_atr1l2_avg_mean vs slug



Right In: 393.127 $\pm$ 165.089 χ^2 /NDF: 5.8/7

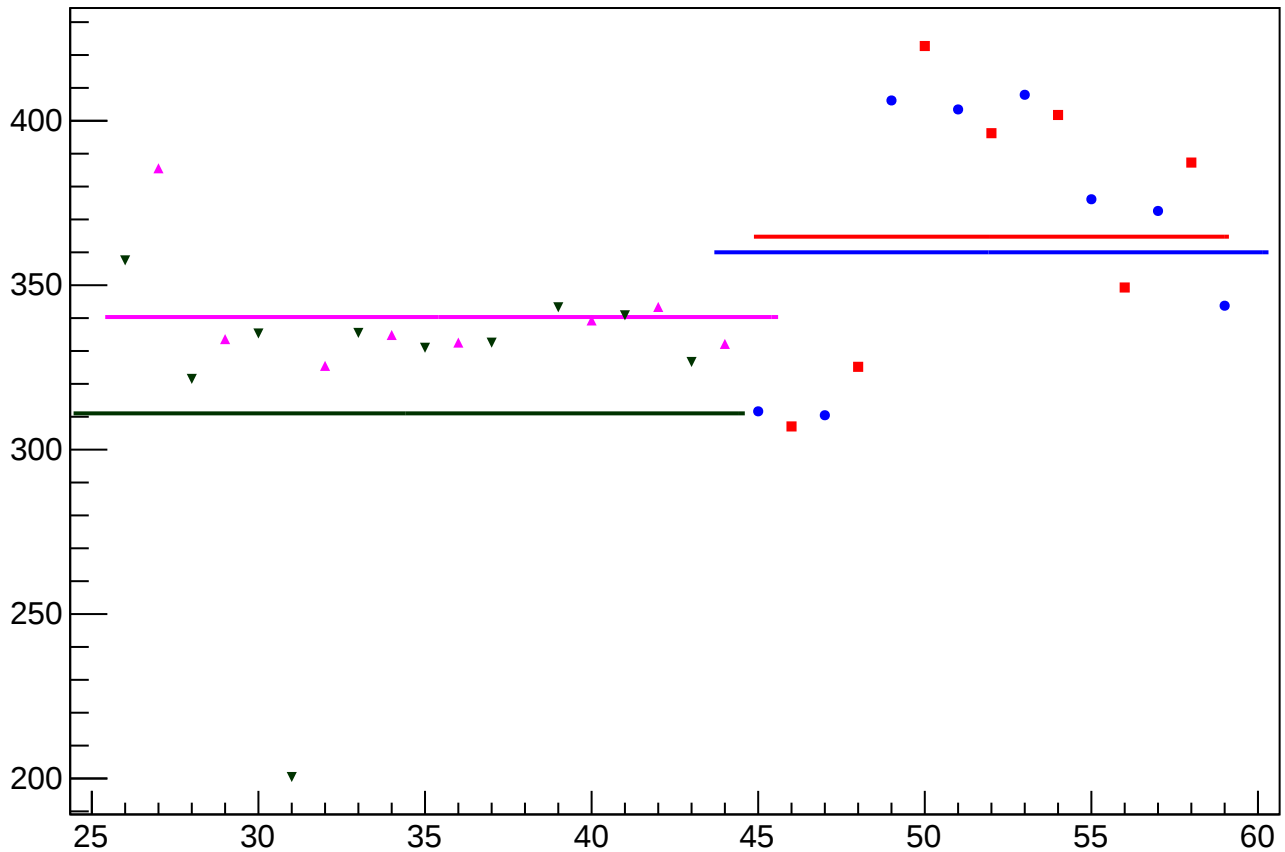
Left Out: 471.416 $\pm$ 138.869 χ^2 /NDF:13.9/9

Right Out: 228.986 $\pm$ 196.983 χ^2 /NDF: 2.3/6

Left In: 307.654 $\pm$ 151.998 χ^2 /NDF:4.5/7

368.570 $\pm$ 79.656 χ^2 /NDF: 27.7/32

reg_asym_atr1l2_avg_rms vs slug



Right In: 360.010 $\pm$ 0.117 χ^2 /NDF: 107419.0/7

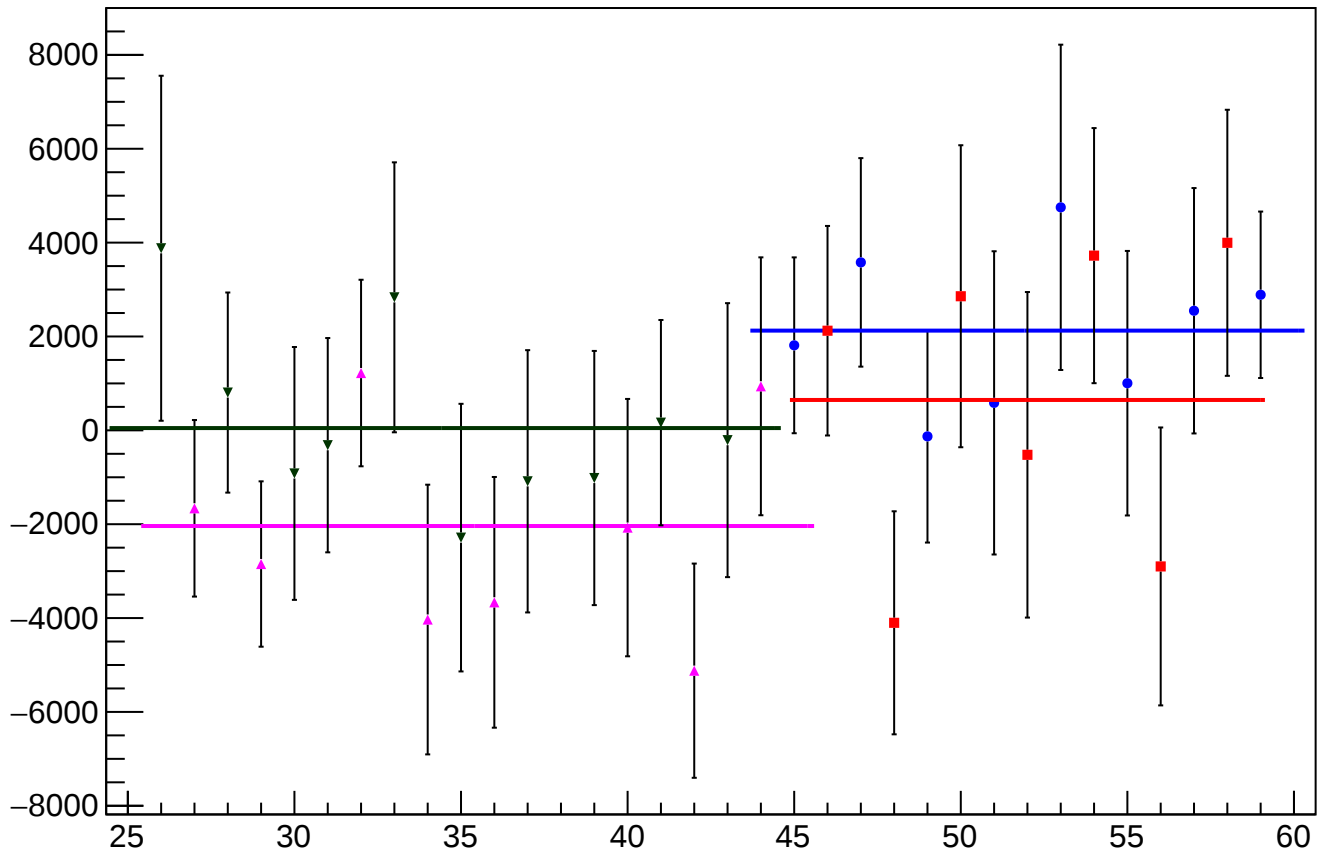
Left Out: 311.029 $\pm$ 0.098 χ^2 /NDF: 279202.9/9

Right Out: 364.759 $\pm$ 0.139 χ^2 /NDF: 84430.7/6

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.3/7

339.264 $\pm$ 0.056 χ^2 /NDF: 647890.7/32

asym_atr1l2_avg_correction_mean vs slug



Right In: 2125.005 $\pm$ 829.868 χ^2 /NDF: 2.6/7

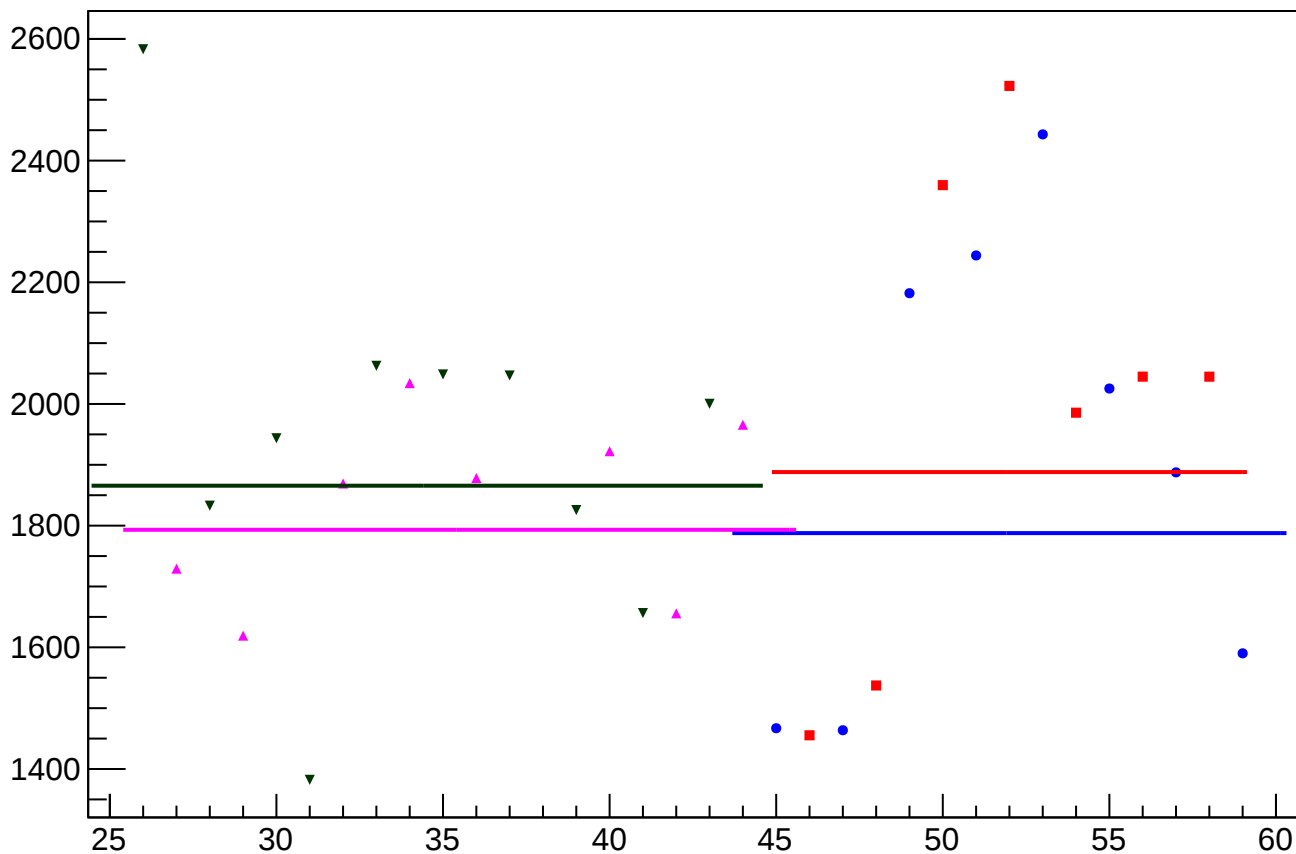
Left Out: 48.343 $\pm$ 828.109 χ^2 /NDF: 3.3/9

100.478 $\pm$ 429.606 χ^2 /NDF: 35.3/32

Right Out: 647.233 $\pm$ 1036.244 χ^2 /NDF: 9.1/6

Left In: -2038.696 $\pm$ 796.385 χ^2 /NDF: 6.8/7

asym_atr1l2_avg_correction_rms vs slug



Right In: 1787.726+/-0.587 χ^2/NDF : 315278.0/7

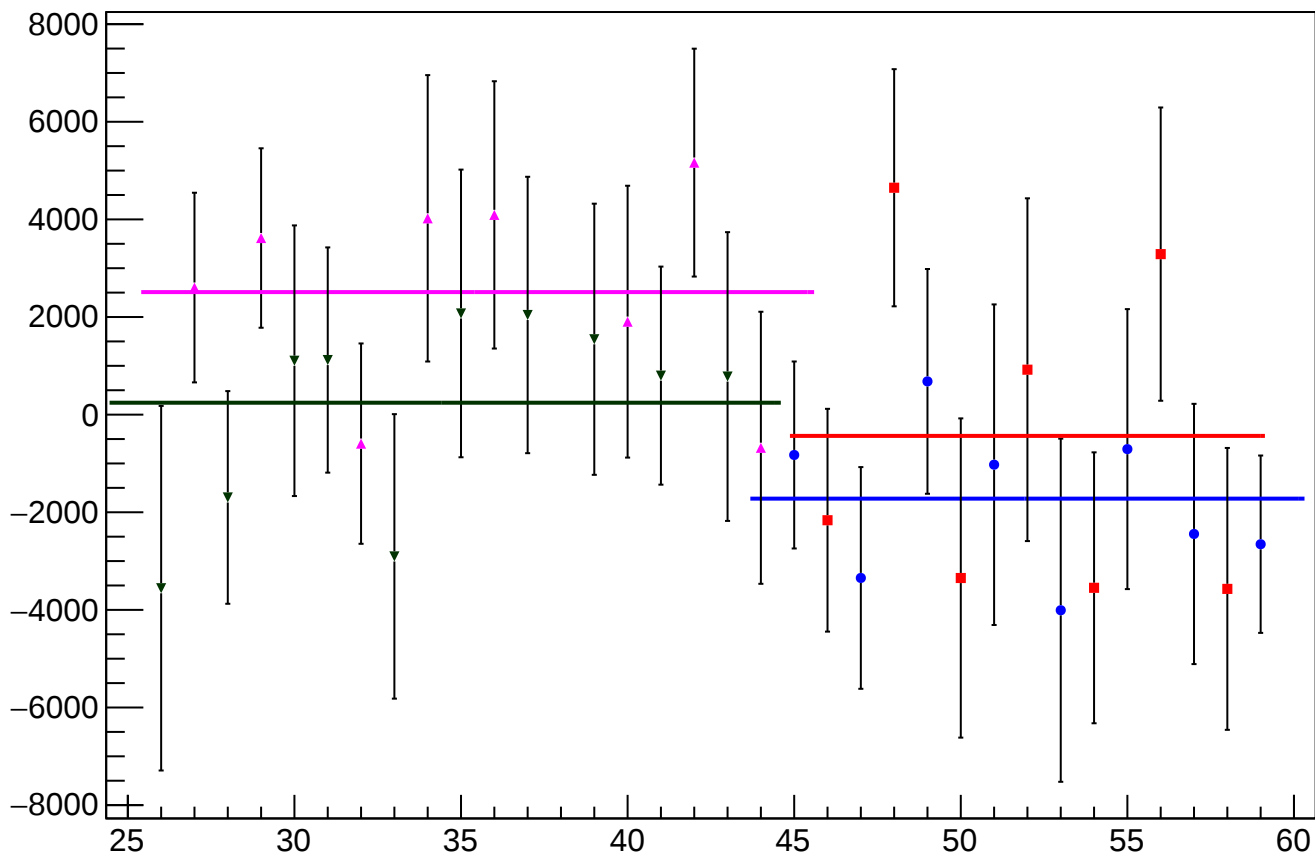
Left Out: 1865.656+/-0.586 χ^2/NDF : 217022.9/9

Right Out: 1888.070+/-0.733 χ^2/NDF : 242948.0/6

Left In: 1793.191+/-0.563 χ^2/NDF : 60429.1/7

1827.536+/-0.304 χ^2/NDF : 855063.3/32

asym_atr1l2_avg_mean vs slug



Right In: -1720.791 ± 846.985 χ^2/NDF : 2.7/7

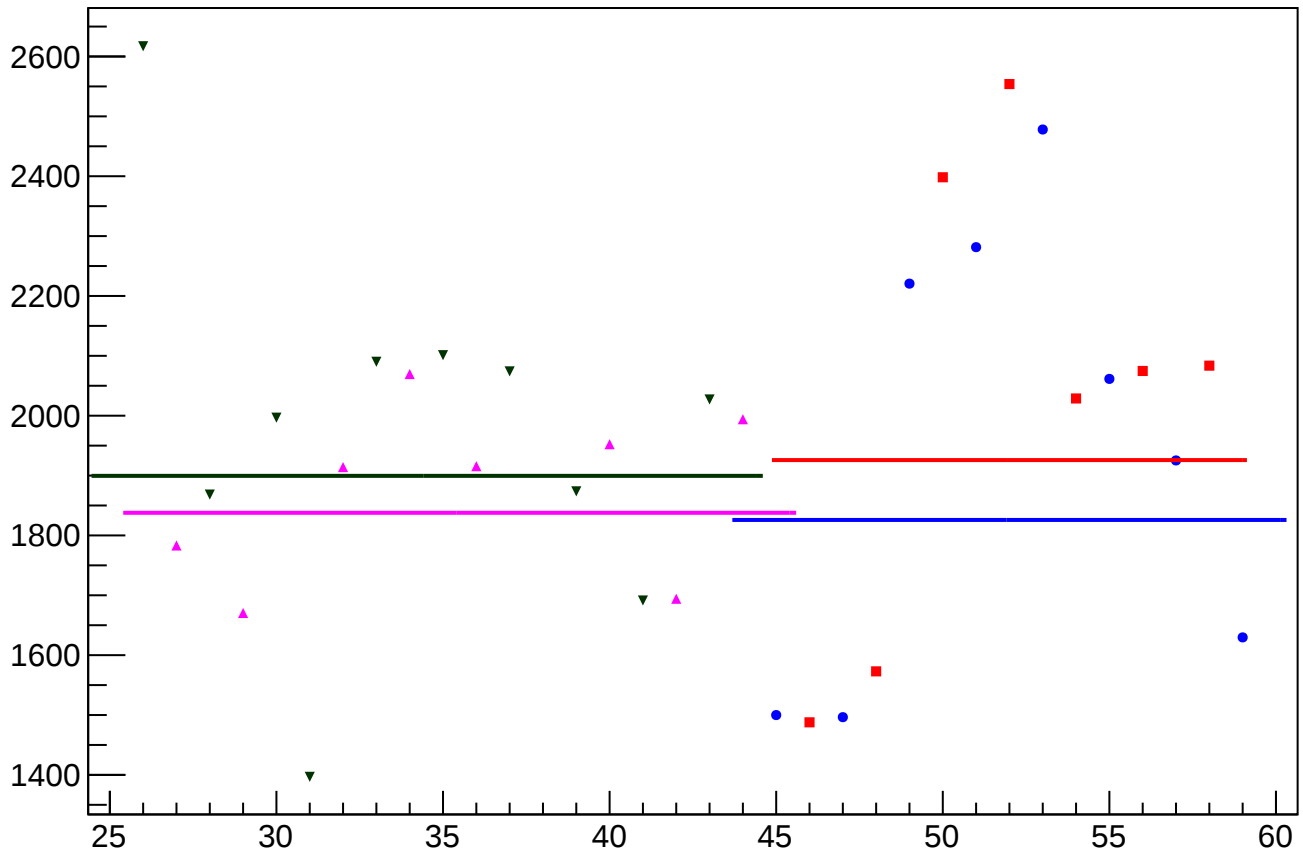
Left Out: 244.304 ± 844.452 χ^2/NDF : 4.3/9

Right Out: -435.391 ± 1056.077 χ^2/NDF : 9.9/6

Left In: 2510.541 ± 819.482 χ^2/NDF : 5.9/7

249.312 ± 439.290 χ^2/NDF : 36.3/32

asym_atr1l2_avg_rms vs slug



Right In: 1825.860+/-0.599 χ^2/NDF : 305729.8/7

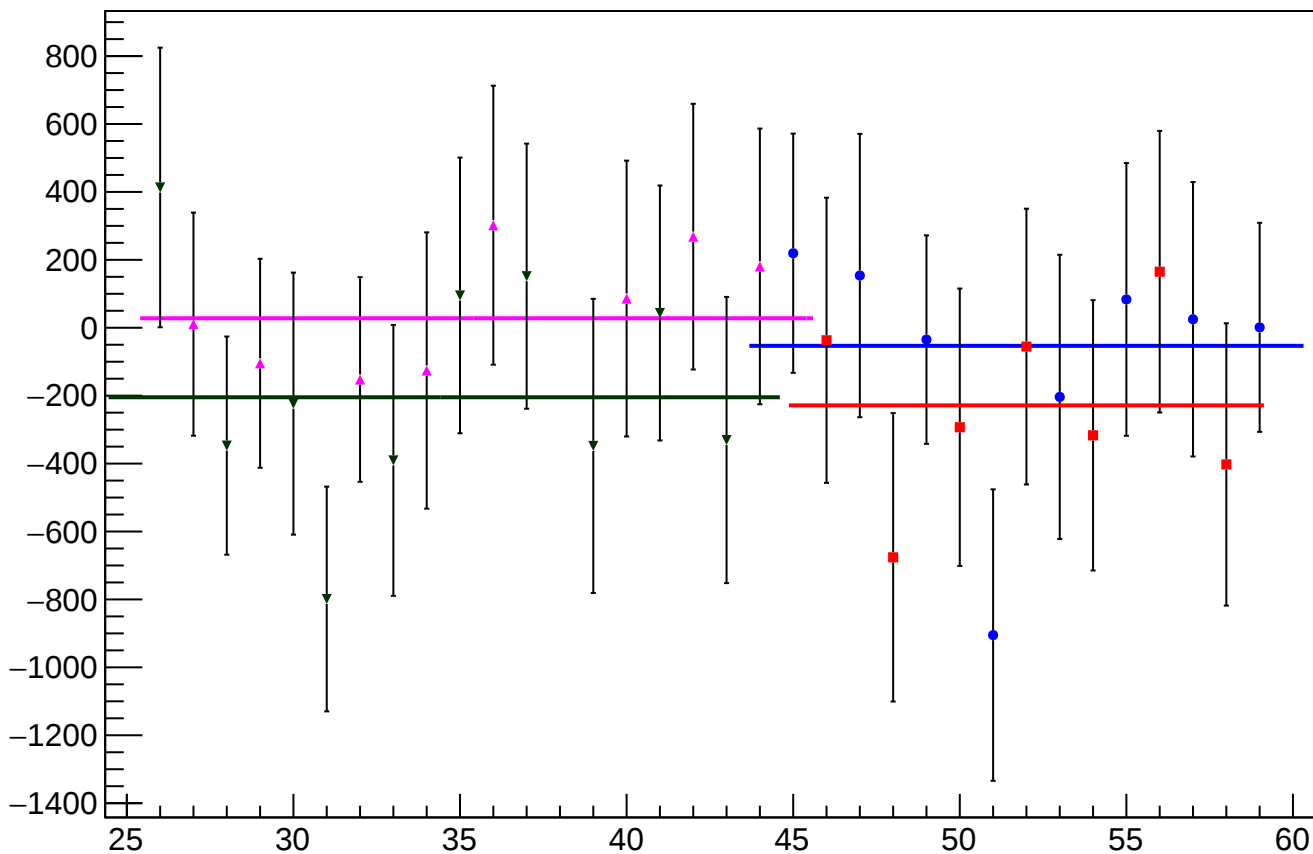
Left Out: 1899.518+/-0.597 χ^2/NDF : 218448.4/9

Right Out: 1925.851+/-0.747 χ^2/NDF : 235248.1/6

Left In: 1837.808+/-0.579 χ^2/NDF : 52268.2/7

1866.527+/-0.311 χ^2/NDF : 828124.9/32

reg_asym_atr1l2_dd_mean vs slug



Right In: -53.211 $\pm$ 130.811 χ^2 /NDF: 5.1/7

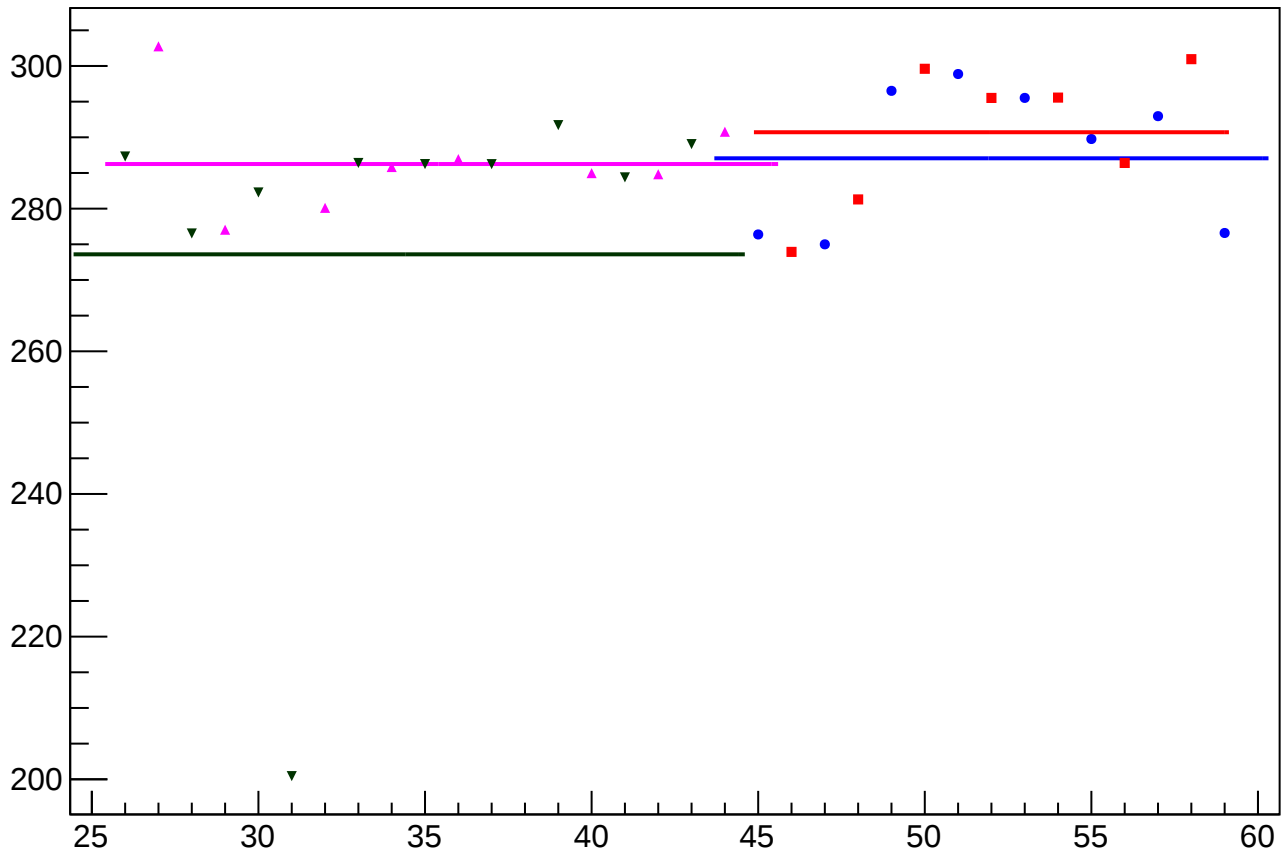
Left Out: -204.705 $\pm$ 120.898 χ^2 /NDF: 7.9/9

-108.123 $\pm$ 66.007 χ^2 /NDF: 19.9/32

Right Out: -228.590 $\pm$ 155.798 χ^2 /NDF: 2.7/6

Left In: 27.916 $\pm$ 127.552 χ^2 /NDF: 1.7/7

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.057 ± 0.092 $\chi^2/\text{NDF}: 10574.0/7$

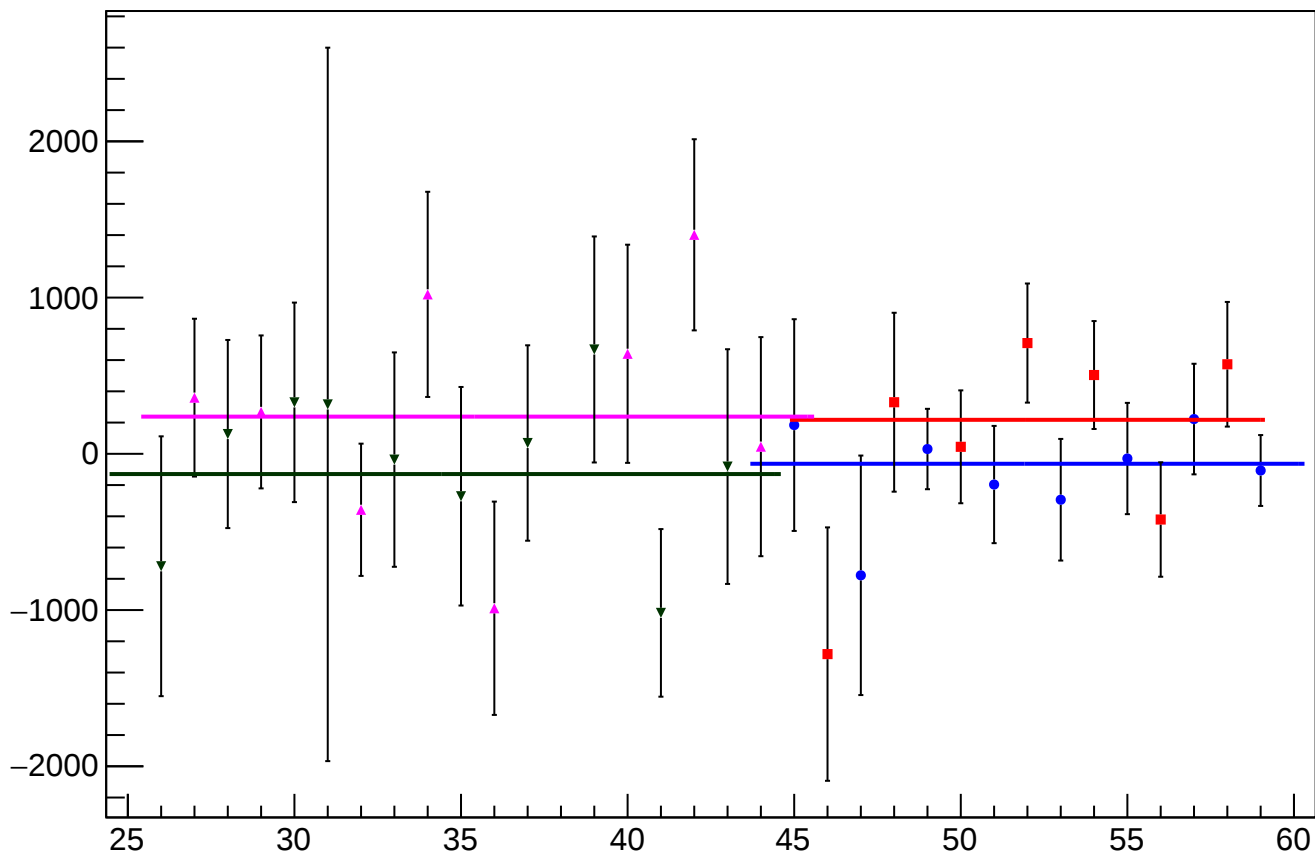
Left Out: 273.595 ± 0.085 $\chi^2/\text{NDF}: 115068.4/9$

Right Out: 290.711 ± 0.110 $\chi^2/\text{NDF}: 7134.9/6$

Left In: 286.255 ± 0.090 $\chi^2/\text{NDF}: 7968.8/7$

283.485 ± 0.047 $\chi^2/\text{NDF}: 160866.2/32$

asym_atr1l2_dd_correction_mean vs slug



Right In: -63.687 ± 121.276 χ^2/NDF : 2.3/7

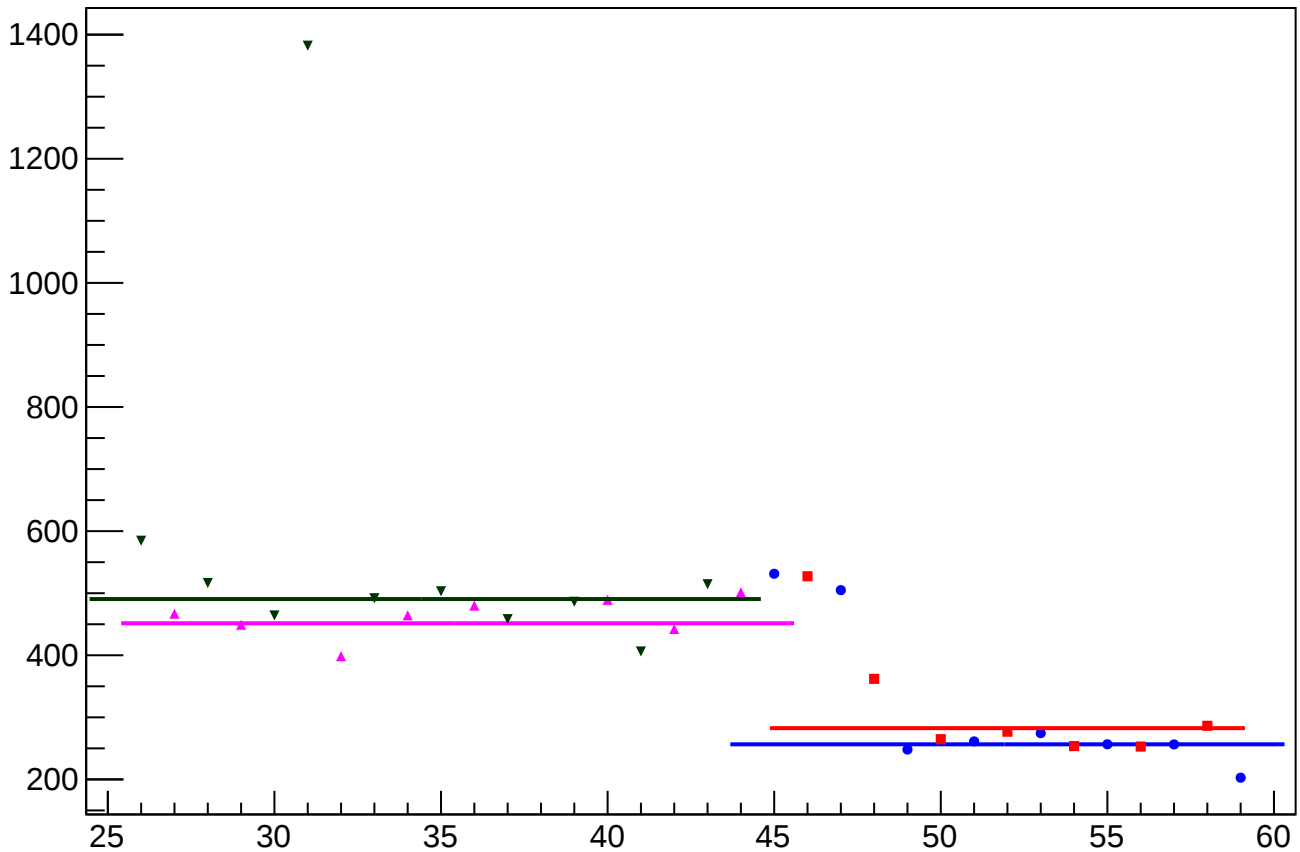
Left Out: -129.532 ± 219.616 χ^2/NDF : 5.4/9

Right Out: 217.611 ± 155.724 χ^2/NDF : 9.9/6

Left In: 238.069 ± 200.408 χ^2/NDF : 10.7/7

50.920 ± 80.358 χ^2/NDF : 31.8/32

asym_atr1l2_dd_correction_rms vs slug



Right In: 256.531+/-0.086 χ^2/NDF : 658260.2/7

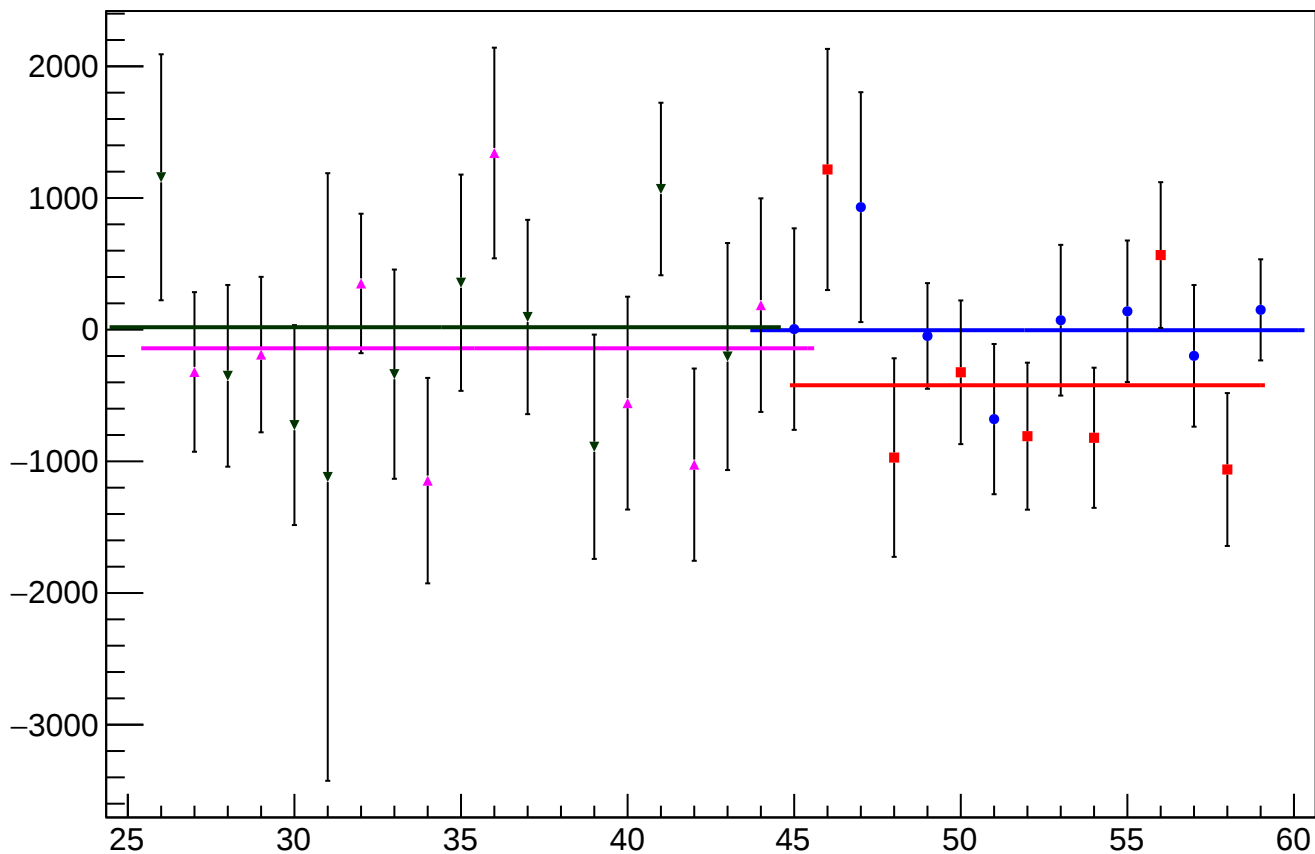
Left Out: 490.574+/-0.155 χ^2/NDF : 395329.3/9

Right Out: 282.557+/-0.110 χ^2/NDF : 253192.8/6

Left In: 451.550+/-0.142 χ^2/NDF : 53983.7/7

326.151+/-0.057 χ^2/NDF : 4080688.6/32

asym_atr1l2_dd_mean vs slug



Right In: -4.086 ± 185.506 χ^2/NDF : 2.9/7

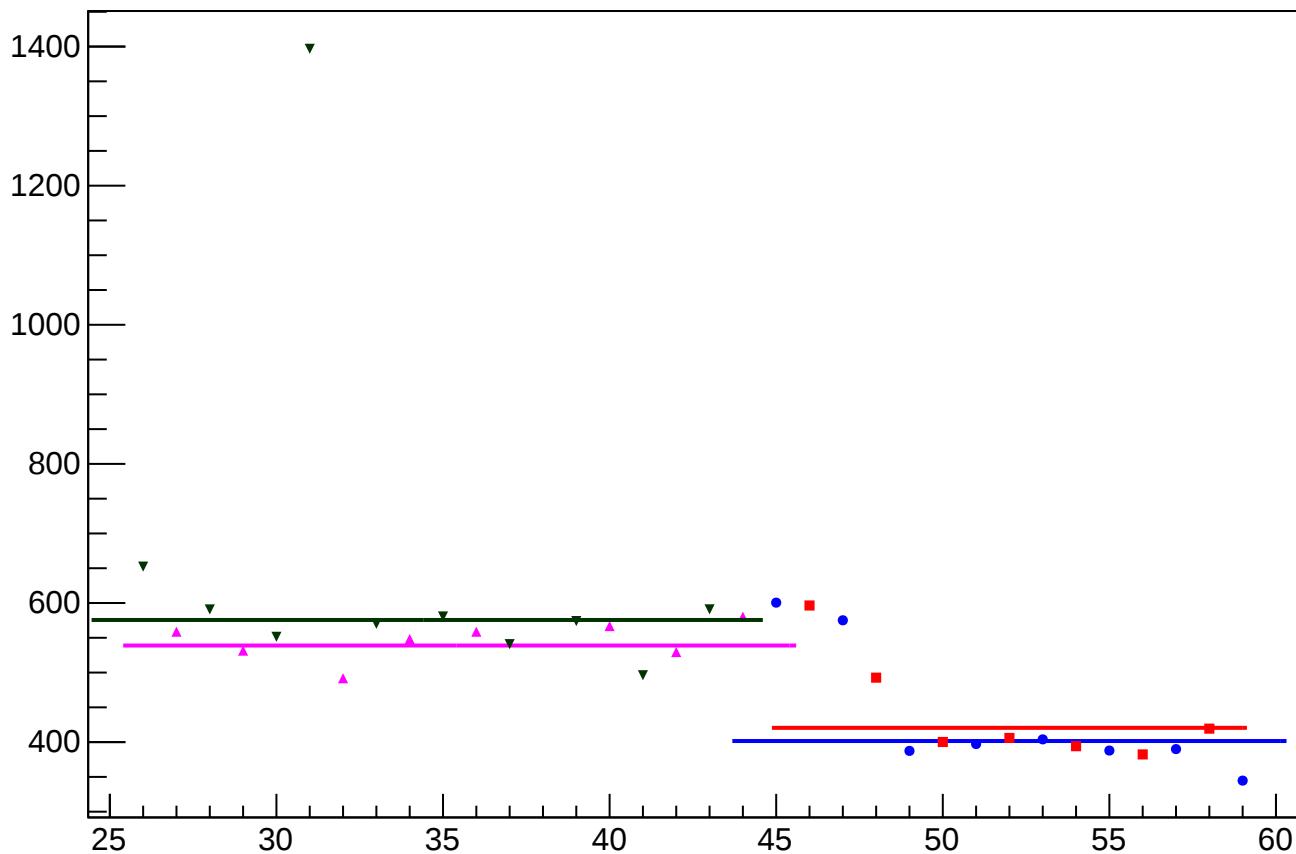
Left Out: 18.643 ± 257.116 χ^2/NDF : 7.1/9

-129.047 ± 111.277 χ^2/NDF : 29.7/32

Right Out: -422.138 ± 227.729 χ^2/NDF : 9.2/6

Left In: -141.414 ± 240.490 χ^2/NDF : 8.0/7

asym_atr1l2_dd_rms vs slug



Right In: 401.581+/-0.131 χ^2/NDF : 263068.6/7

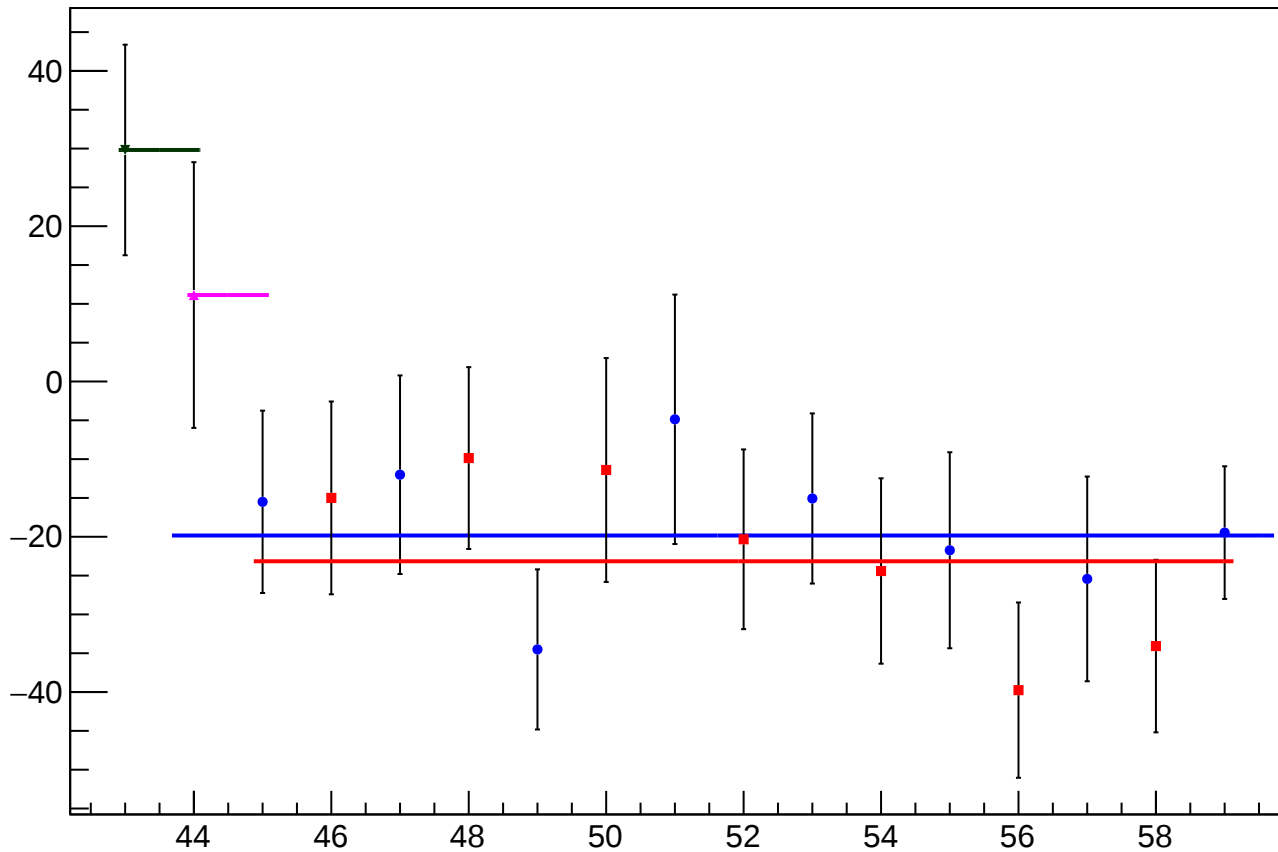
Left Out: 575.614+/-0.182 χ^2/NDF :304506.5/9

Right Out: 420.555+/-0.161 χ^2/NDF : 110693.3/6

Left In: 538.892+/-0.170 χ^2/NDF :27749.5/7

468.107+/-0.079 χ^2/NDF : 1573361.4/32

diff_bpm0l01X_mean vs slug



Right In: -19.836 ± 4.059 χ^2/NDF : 3.8/7

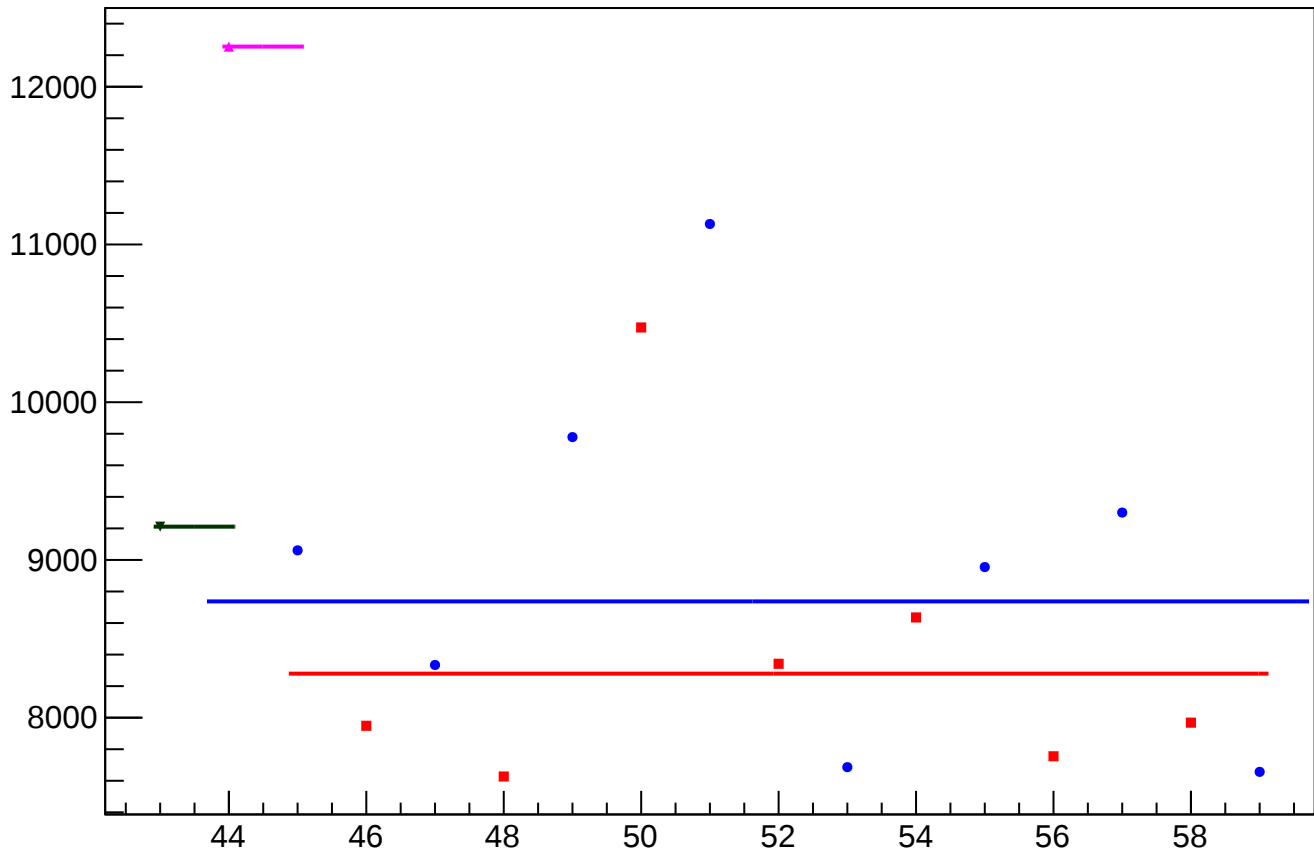
Left Out: 29.821 ± 13.561 χ^2/NDF : 0.0/0

Right Out: -23.154 ± 4.517 χ^2/NDF : 5.6/6

Left In: 11.136 ± 17.113 χ^2/NDF : 0.0/0

-18.038 ± 2.904 χ^2/NDF : 26.2/16

diff_bpm0l01X_rms vs slug



Right In: 8737.182+/-2.870 χ^2/NDF : 122932.9/7

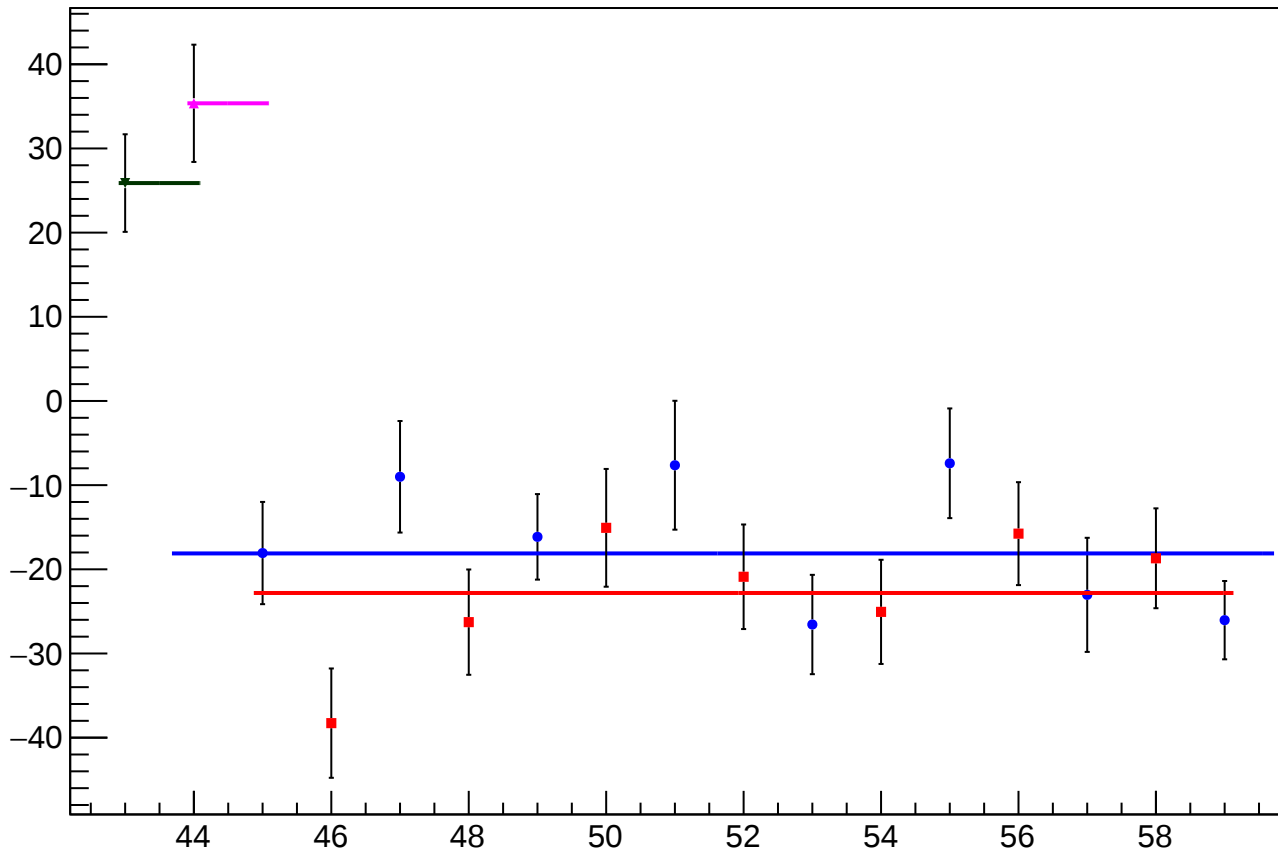
Left Out: 9211.048+/-9.589 χ^2/NDF : 0.0/0

8670.880+/-2.054 χ^2/NDF : 291058.5/16

Right Out: 8279.164+/-3.194 χ^2/NDF : 61666.6/6

Left In: 12254.628+/-12.101 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs slug



Right In: -18.112 ± 2.104 χ^2/NDF : 12.1/7

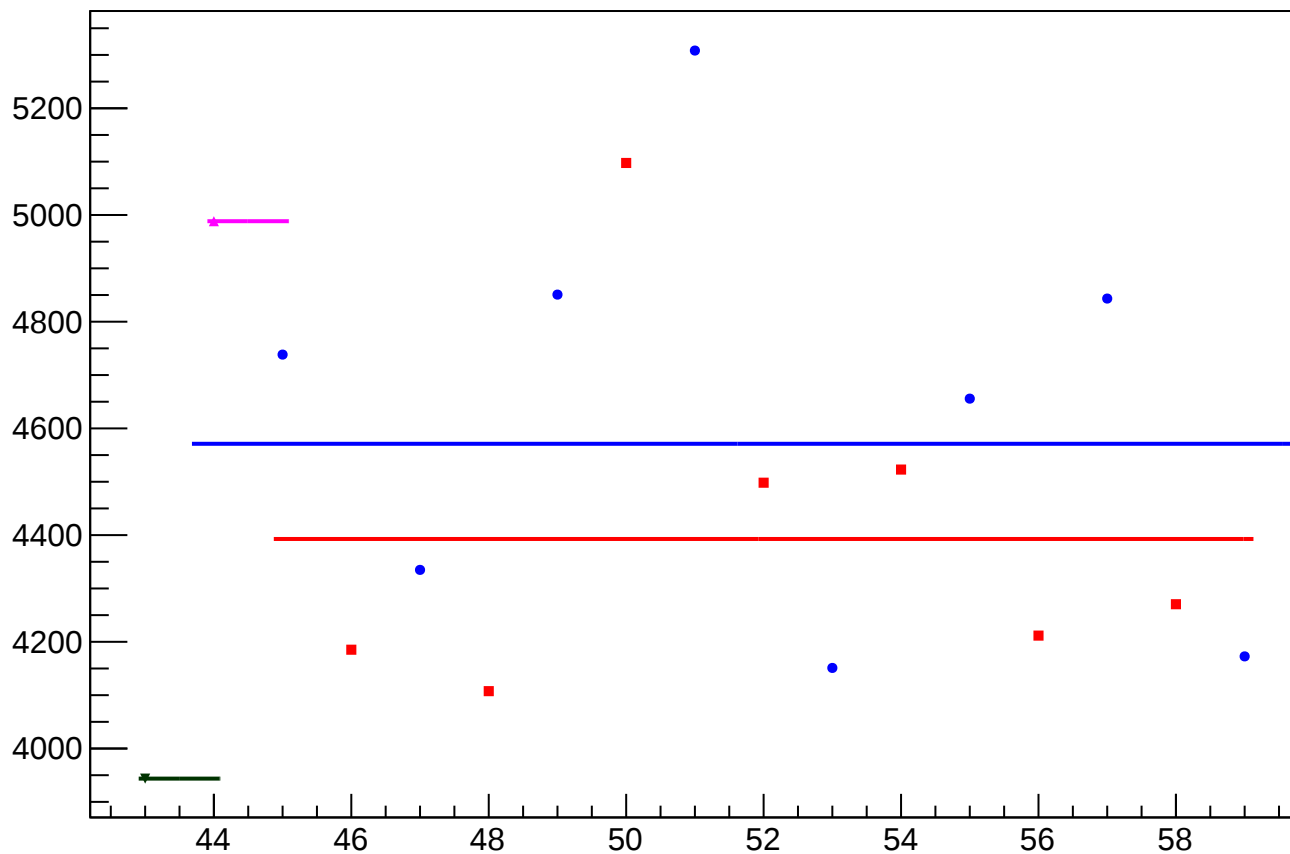
Left Out: 25.888 ± 5.797 χ^2/NDF : 0.0/0

-14.627 ± 1.485 χ^2/NDF : 136.3/16

Right Out: -22.812 ± 2.378 χ^2/NDF : 9.2/6

Left In: 35.362 ± 6.967 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs slug



Right In: 4571.162 $\pm$ 1.488 χ^2 /NDF: 57029.7/7

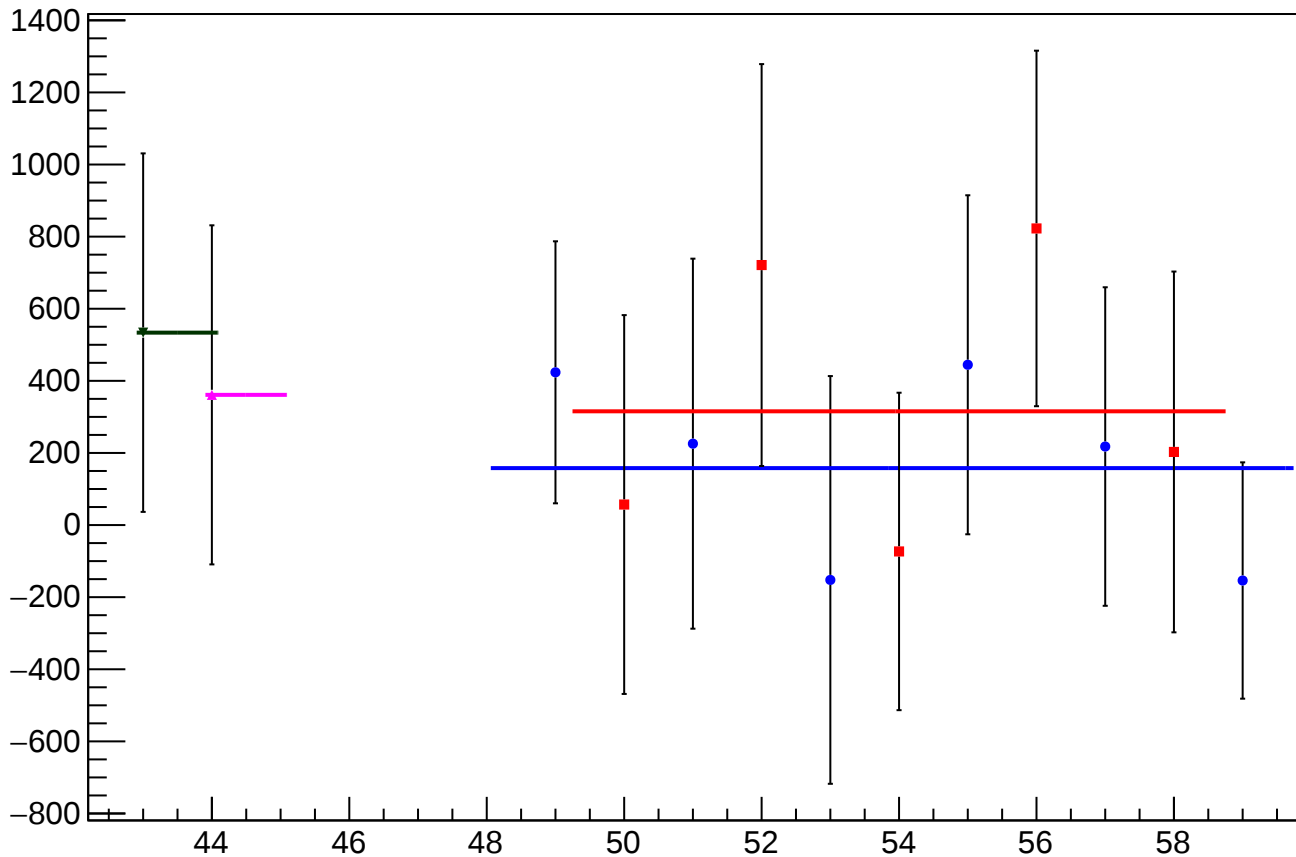
Left Out: 3943.608 $\pm$ 4.099 χ^2 /NDF: 0.0/0

Right Out: 4392.756 $\pm$ 1.681 χ^2 /NDF: 30562.9/6

Left In: 4988.357 $\pm$ 4.926 χ^2 /NDF: 0.0/0

4479.285 $\pm$ 1.050 χ^2 /NDF: 121812.8/16

asym_ds_agg_av_mean vs slug



Right In: 157.963 $\pm$ 172.889 χ^2 /NDF: 2.1/5

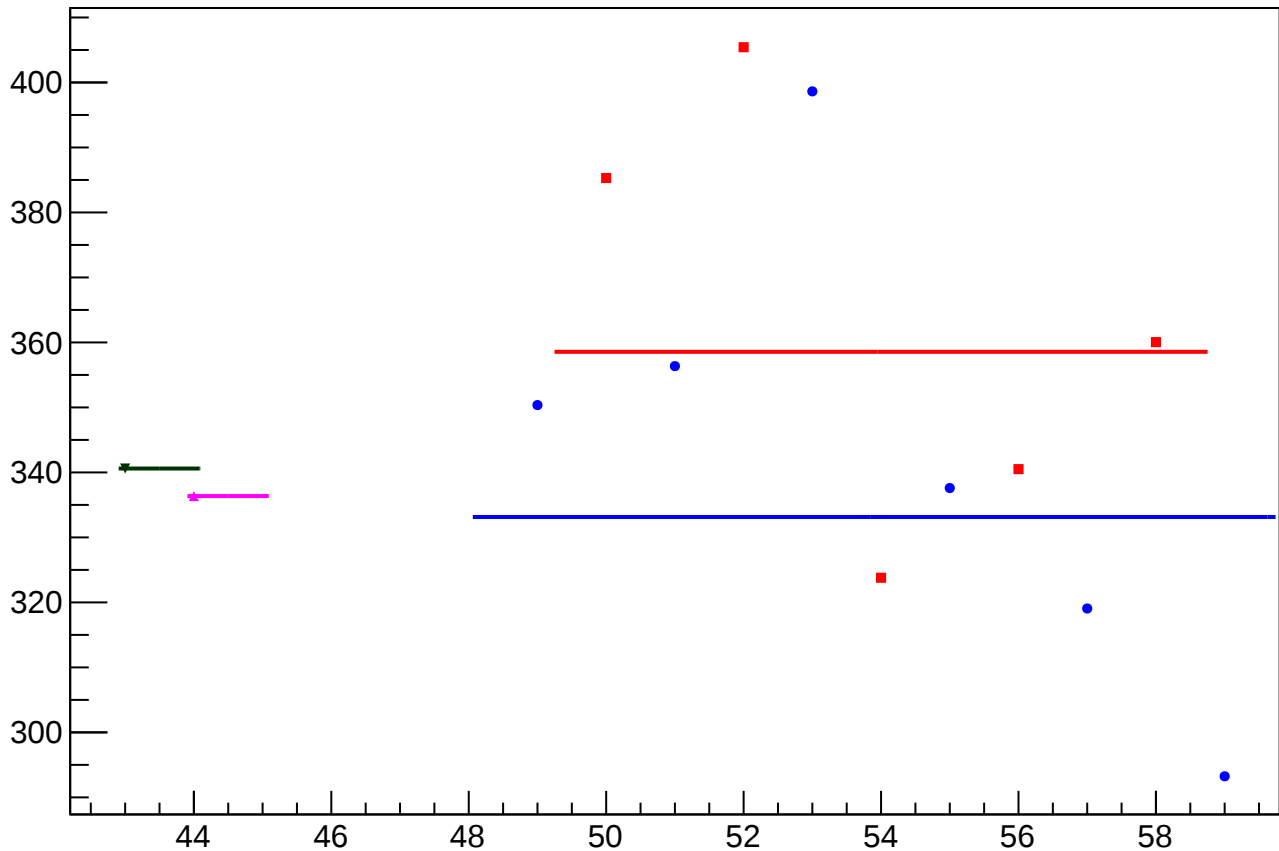
Left Out: 533.704 $\pm$ 497.188 χ^2 /NDF: 0.0/0

248.197 $\pm$ 126.866 χ^2 /NDF: 5.6/12

Right Out: 315.489 $\pm$ 223.000 χ^2 /NDF: 2.7/4

Left In: 361.123 $\pm$ 470.256 χ^2 /NDF: 0.0/0

asym_ds_agg_av_rms vs slug



Right In: 333.141+/-0.122 χ^2/NDF : 67259.9/5

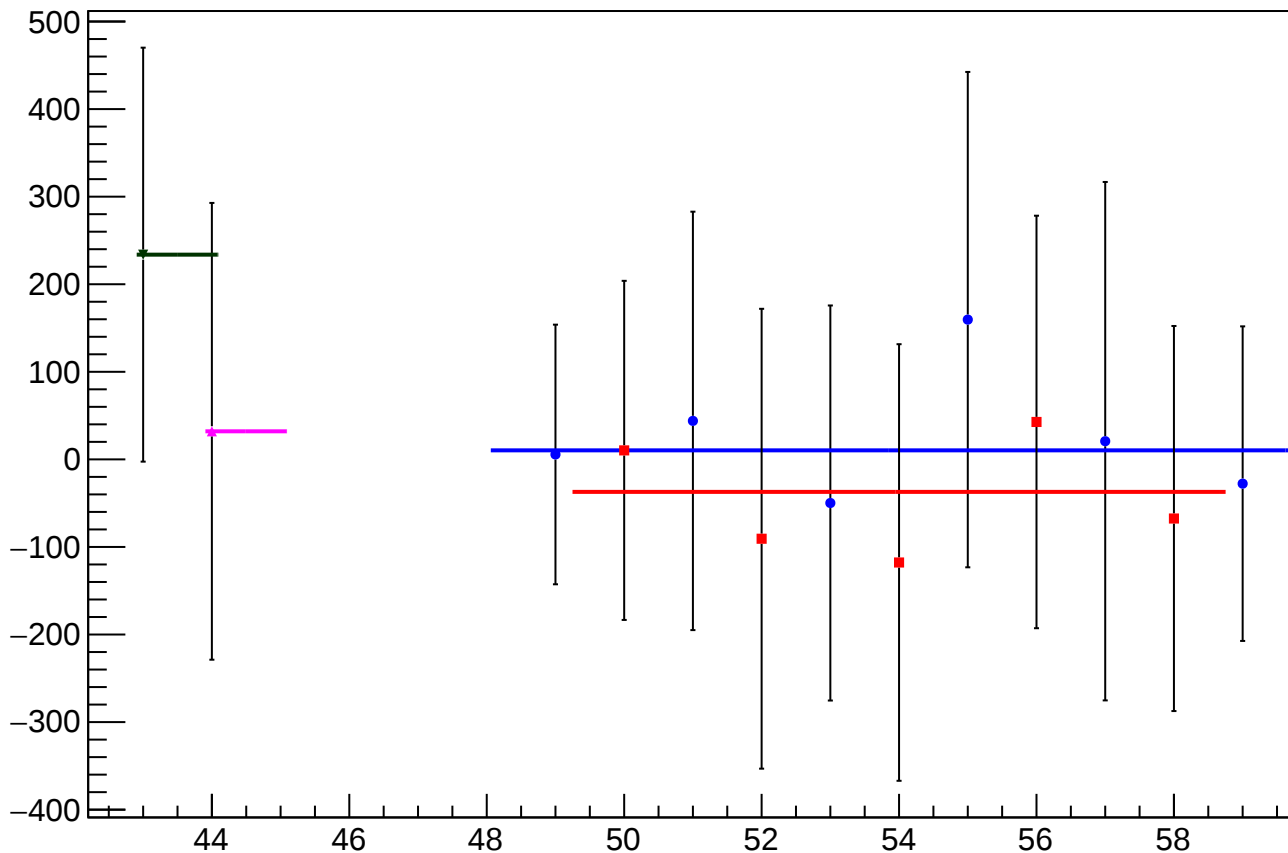
Left Out: 340.600+/-0.352 χ^2/NDF : 0.0/0

342.088+/-0.090 χ^2/NDF : 118335.7/12

Right Out: 358.560+/-0.158 χ^2/NDF : 34493.6/4

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: 10.312+/-85.252 χ^2/NDF : 0.4/5

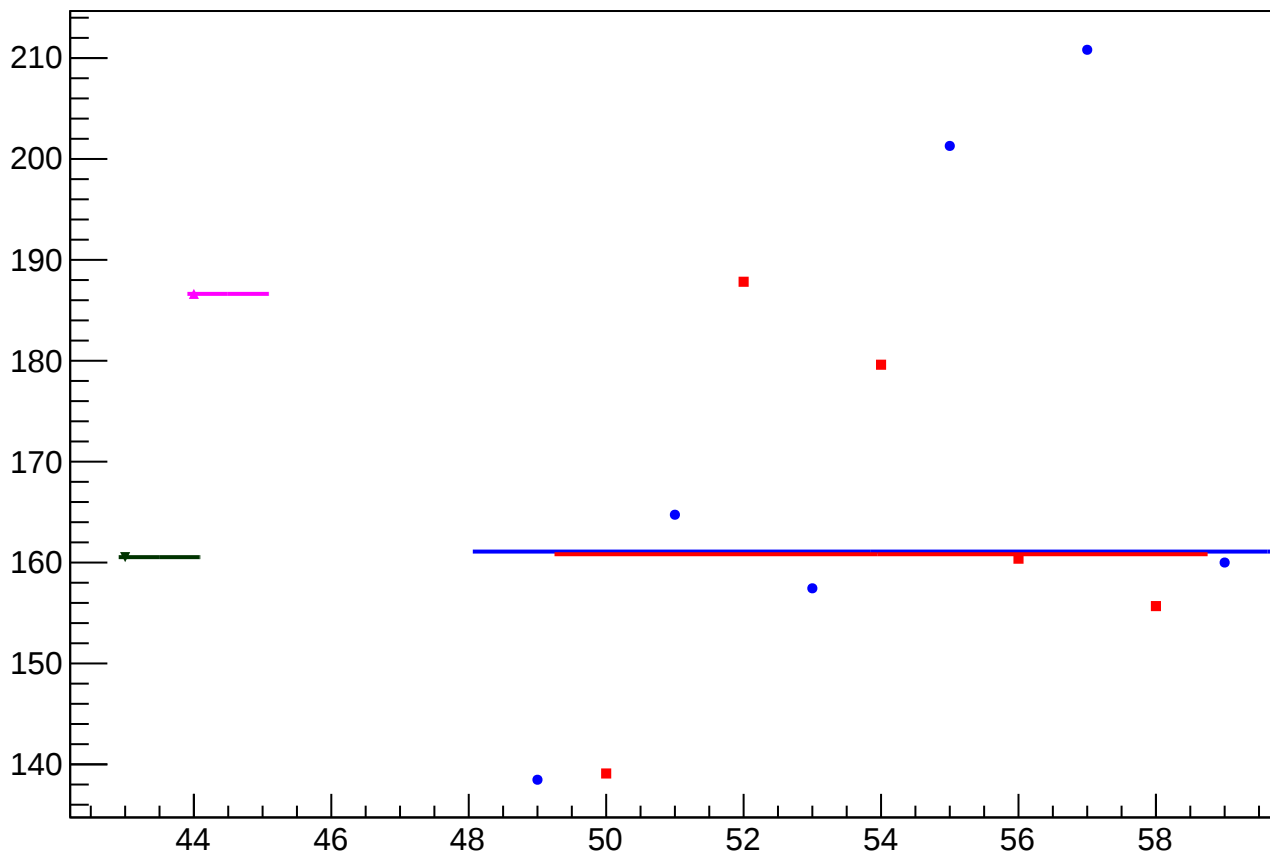
Left Out: 233.776+/-236.364 χ^2/NDF : 0.0/0

9.438+/-61.293 χ^2/NDF : 1.9/12

Right Out: -37.113+/-102.068 χ^2/NDF : 0.3/4

Left In: 32.051+/-260.803 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 161.088±0.060 χ^2/NDF : 144469.6/5

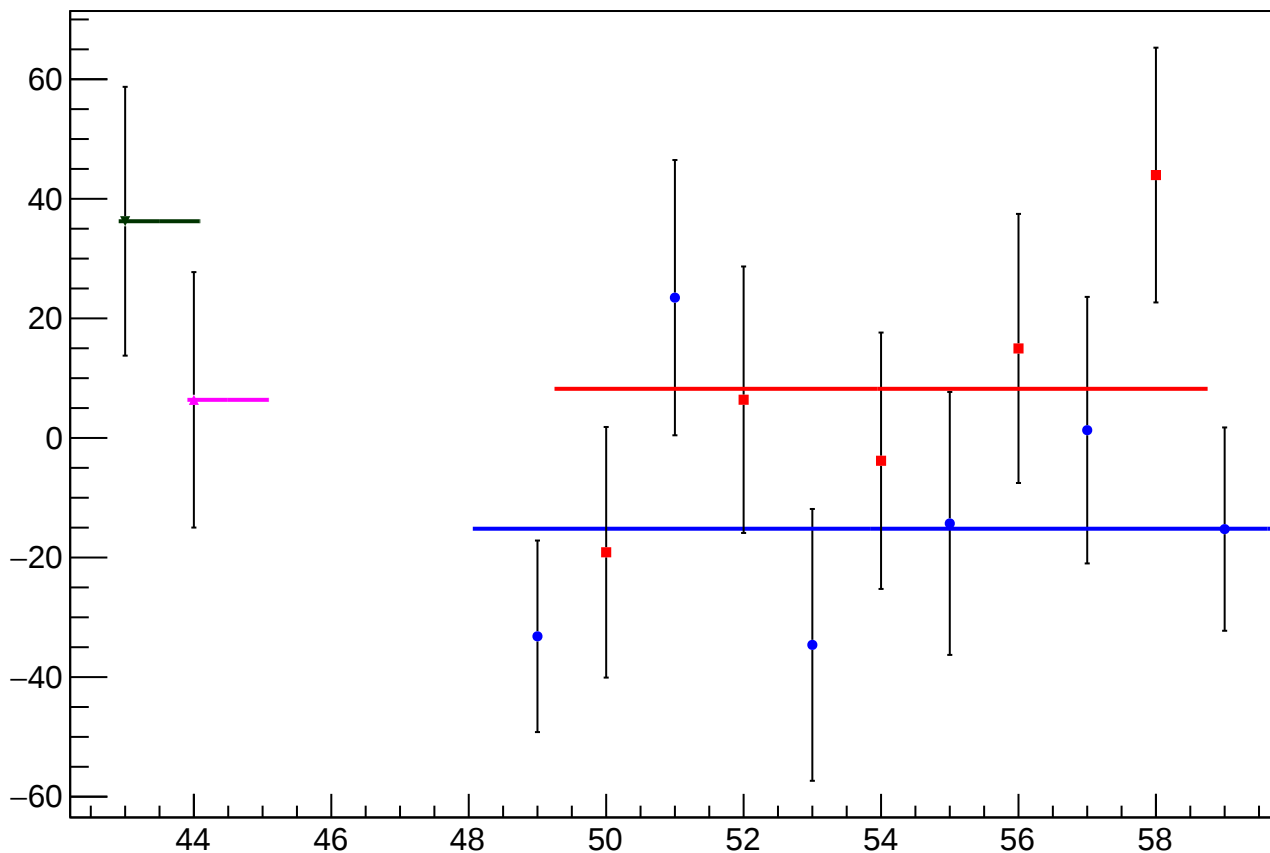
Left Out: 160.536±0.167 χ^2/NDF : 0.0/0

162.367±0.043 χ^2/NDF : 221611.4/12

Right Out: 160.825±0.072 χ^2/NDF : 58807.1/4

Left In: 186.629±0.184 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -15.182 $\pm$ 8.096 χ^2/NDF : 5.4/5

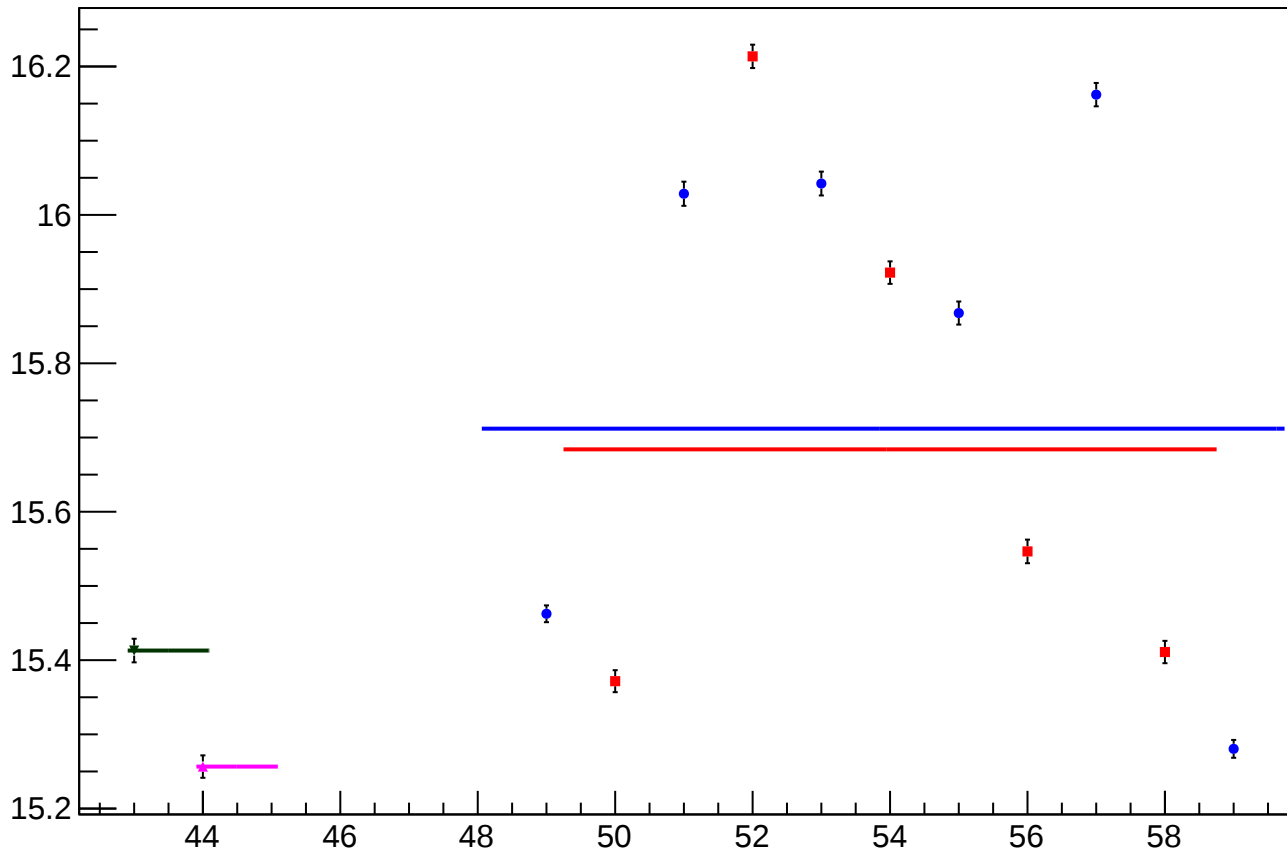
Left Out: 36.249 $\pm$ 22.481 χ^2/NDF : 0.0/0

Right Out: 8.220 $\pm$ 9.694 χ^2/NDF : 4.9/4

Left In: 6.377 $\pm$ 21.365 χ^2/NDF : 0.0/0

-1.944 $\pm$ 5.767 χ^2/NDF : 17.1/12

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.712 $\pm$ 0.006 χ^2 /NDF: 3489.1/5

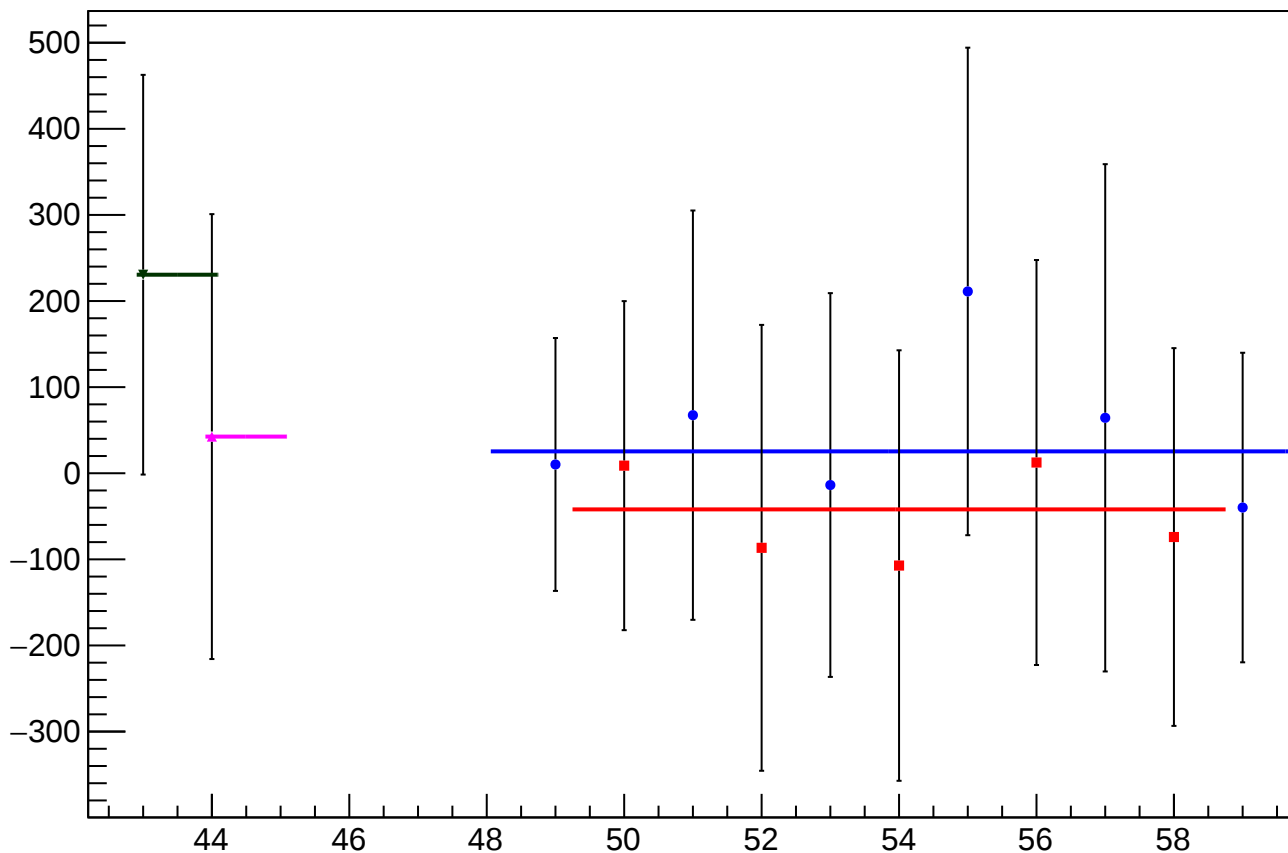
Left Out: 15.413 $\pm$ 0.016 χ^2 /NDF: 0.0/0

Right Out: 15.684 $\pm$ 0.007 χ^2 /NDF: 2223.7/4

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.649 $\pm$ 0.004 χ^2 /NDF: 6755.1/12

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 25.401 $\pm$ 84.773 χ^2/NDF : 0.7/5

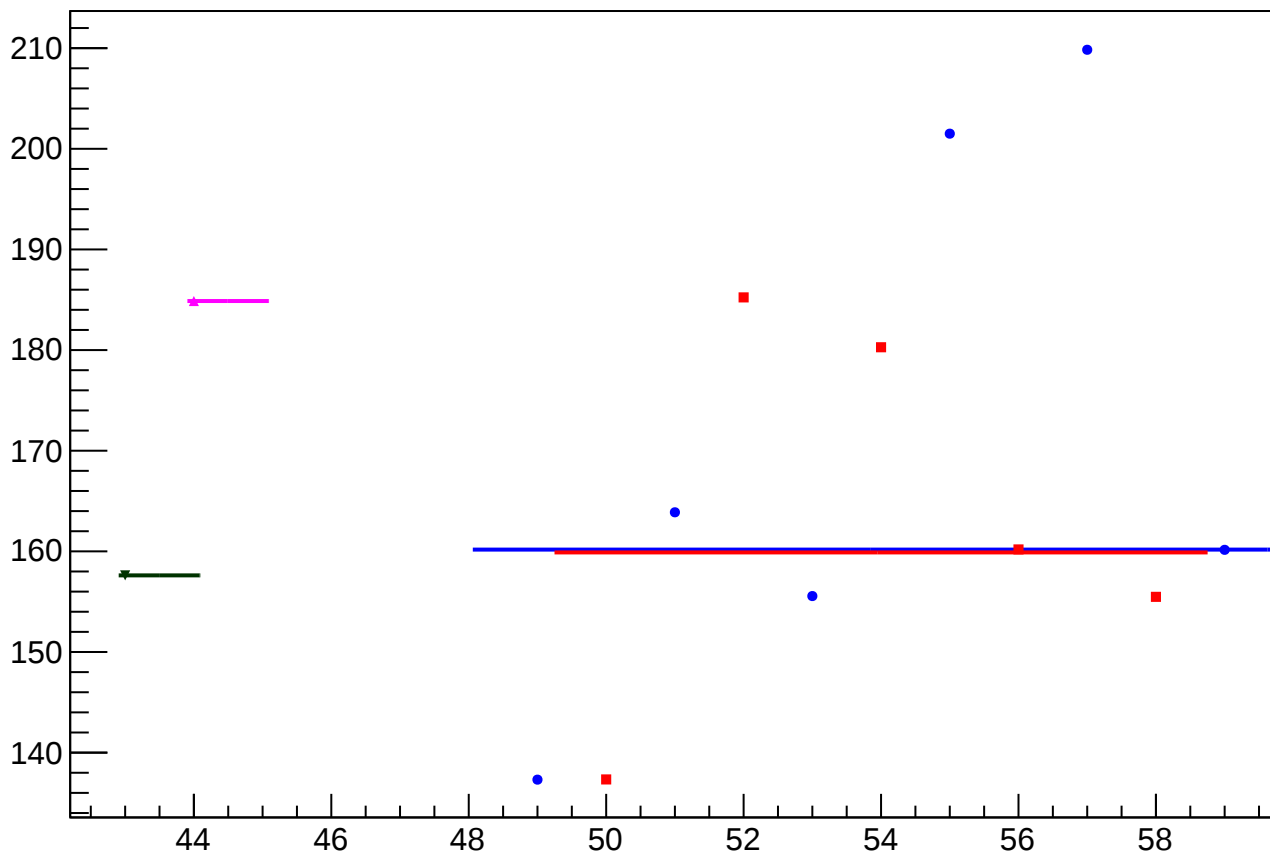
Left Out: 230.569 $\pm$ 232.106 χ^2/NDF : 0.0/0

16.203 $\pm$ 60.873 χ^2/NDF : 2.1/12

Right Out: -41.982 $\pm$ 101.444 χ^2/NDF : 0.2/4

Left In: 42.573 $\pm$ 258.353 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 160.175+/-0.060 χ^2/NDF : 149277.3/5

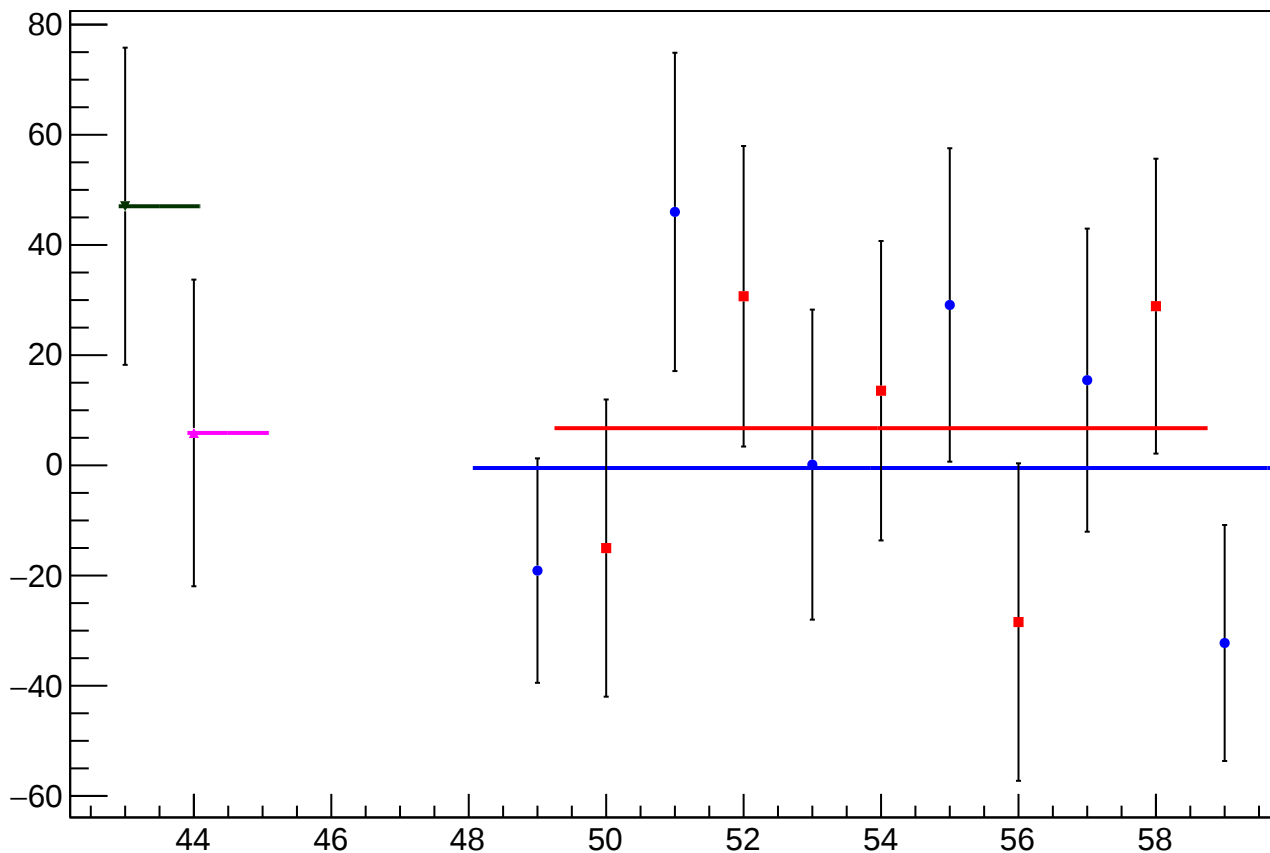
Left Out: 157.613+/-0.164 χ^2/NDF : 0.0/0

161.269+/-0.043 χ^2/NDF : 228319.1/12

Right Out: 159.894+/-0.072 χ^2/NDF : 61148.7/4

Left In: 184.874+/-0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -0.481±10.201 χ^2/NDF : 7.0/5

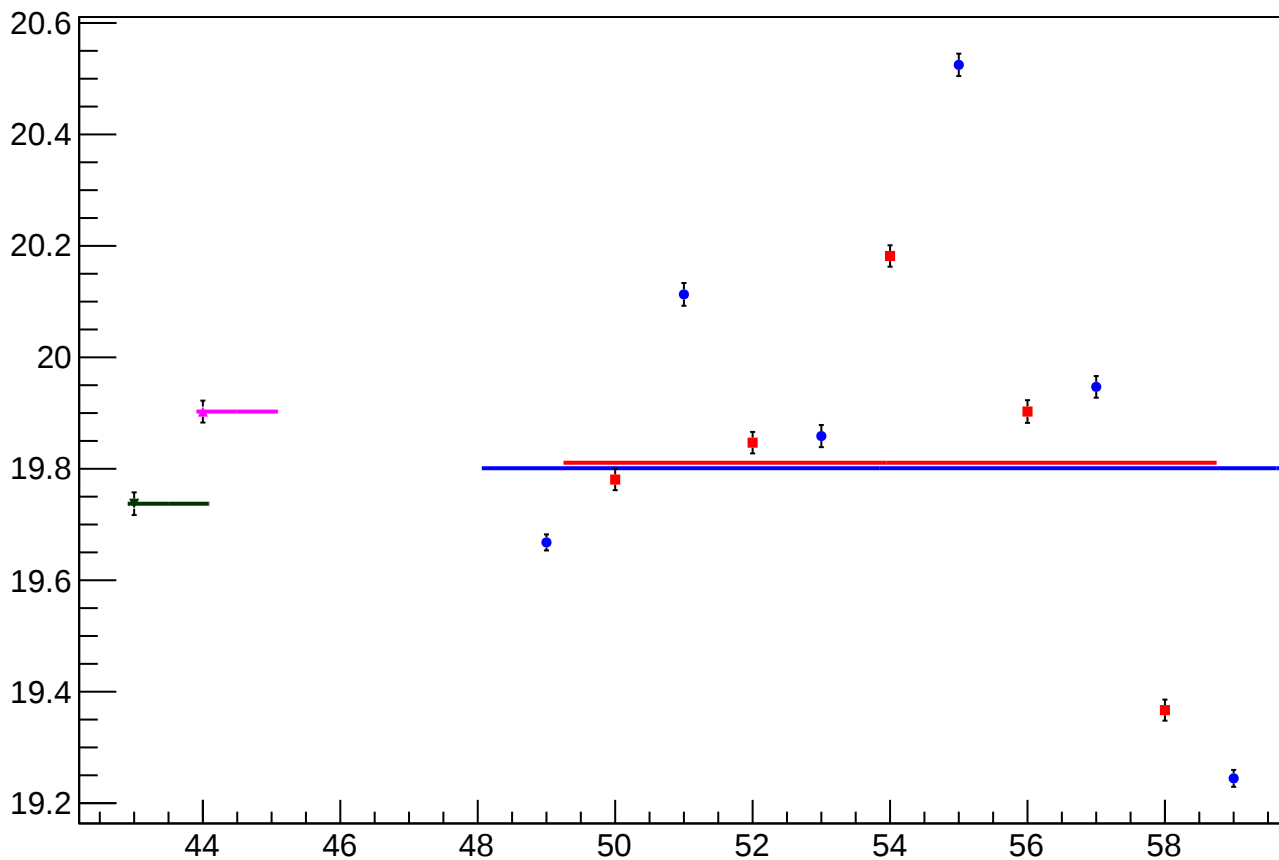
Left Out: 47.028±28.784 χ^2/NDF : 0.0/0

Right Out: 6.749±12.241 χ^2/NDF : 3.7/4

Left In: 5.884±27.829 χ^2/NDF : 0.0/0

5.579±7.297 χ^2/NDF : 13.1/12

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.801 ± 0.007 χ^2/NDF : 3028.8/5

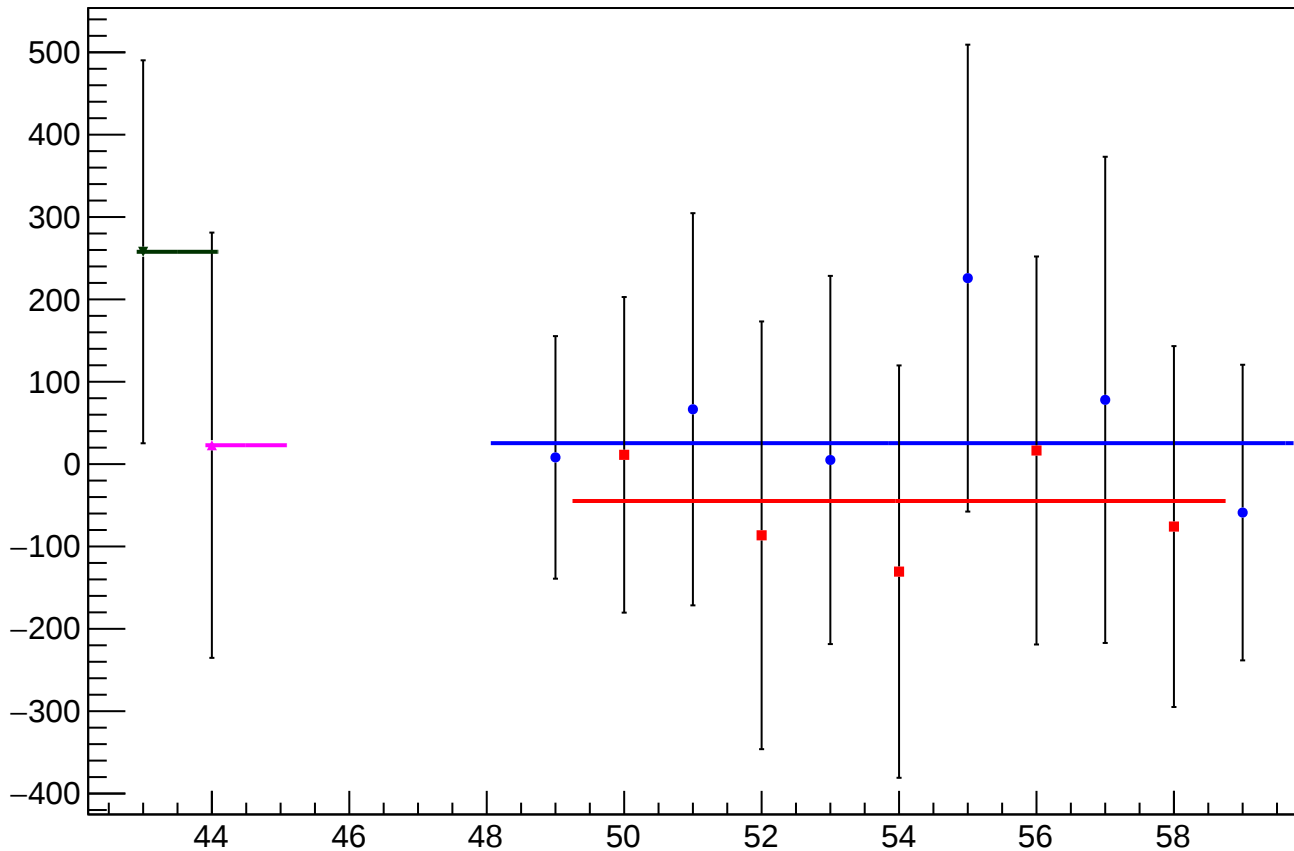
Left Out: 19.737 ± 0.020 χ^2/NDF : 0.0/0

19.807 ± 0.005 χ^2/NDF : 4014.6/12

Right Out: 19.811 ± 0.009 χ^2/NDF : 949.5/4

Left In: 19.903 ± 0.020 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 25.446 $\pm$ 84.899 χ^2/NDF : 0.8/5

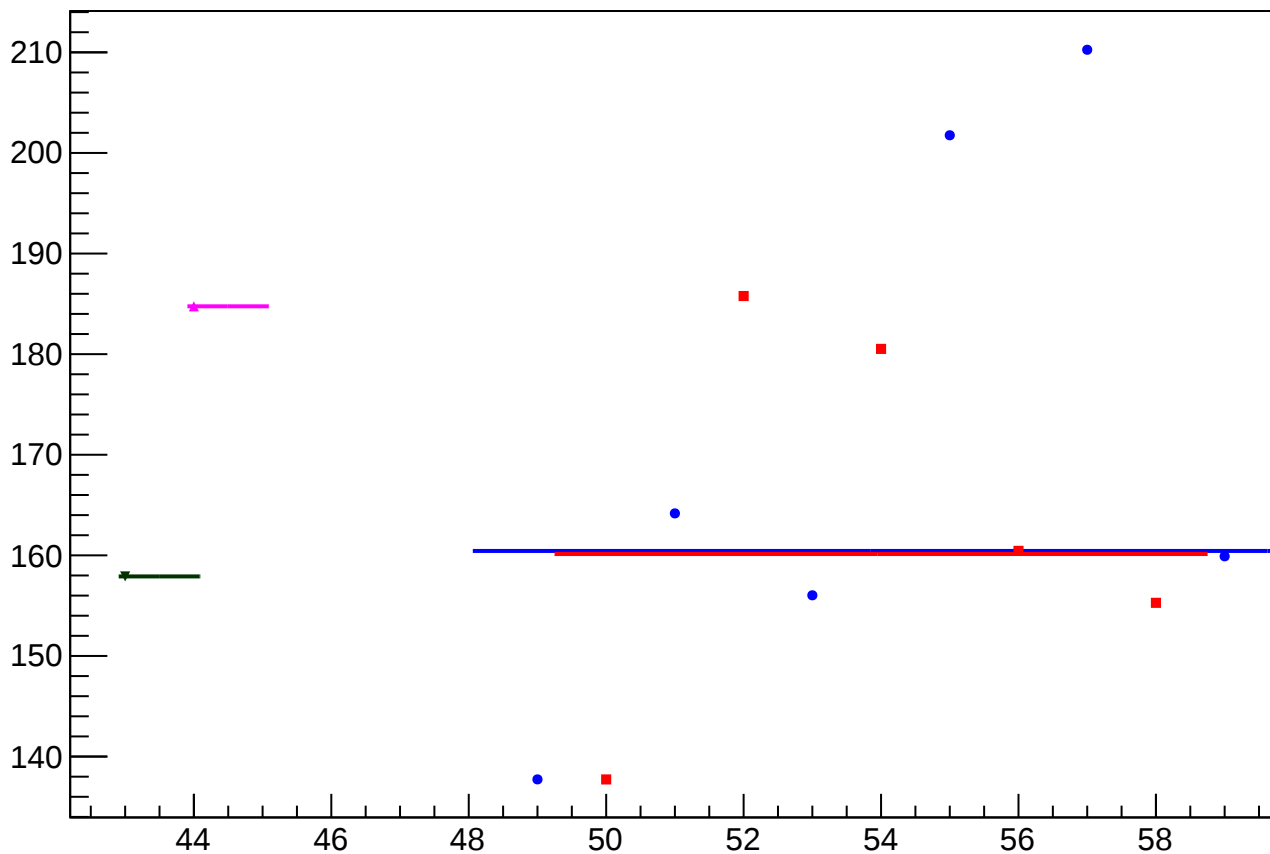
Left Out: 257.793 $\pm$ 232.498 χ^2/NDF : 0.0/0

15.995 $\pm$ 60.958 χ^2/NDF : 2.6/12

Right Out: -44.786 $\pm$ 101.598 χ^2/NDF : 0.3/4

Left In: 22.928 $\pm$ 258.180 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 160.438+/-0.060 χ^2/NDF : 148313.6/5

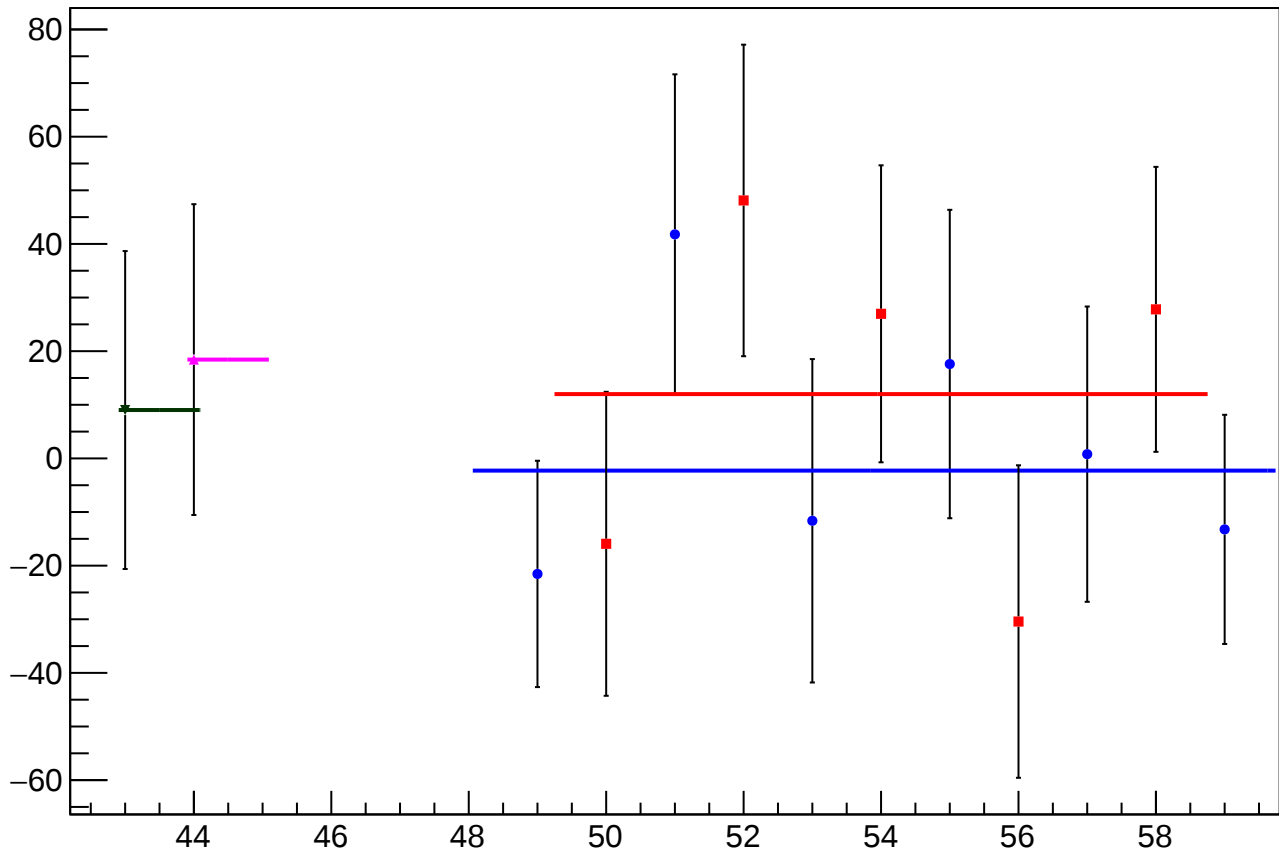
Left Out: 157.905+/-0.164 χ^2/NDF : 0.0/0

161.510+/-0.043 χ^2/NDF : 226804.6/12

Right Out: 160.132+/-0.072 χ^2/NDF : 61111.2/4

Left In: 184.755+/-0.183 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -2.275 ± 10.434 χ^2/NDF : 3.9/5

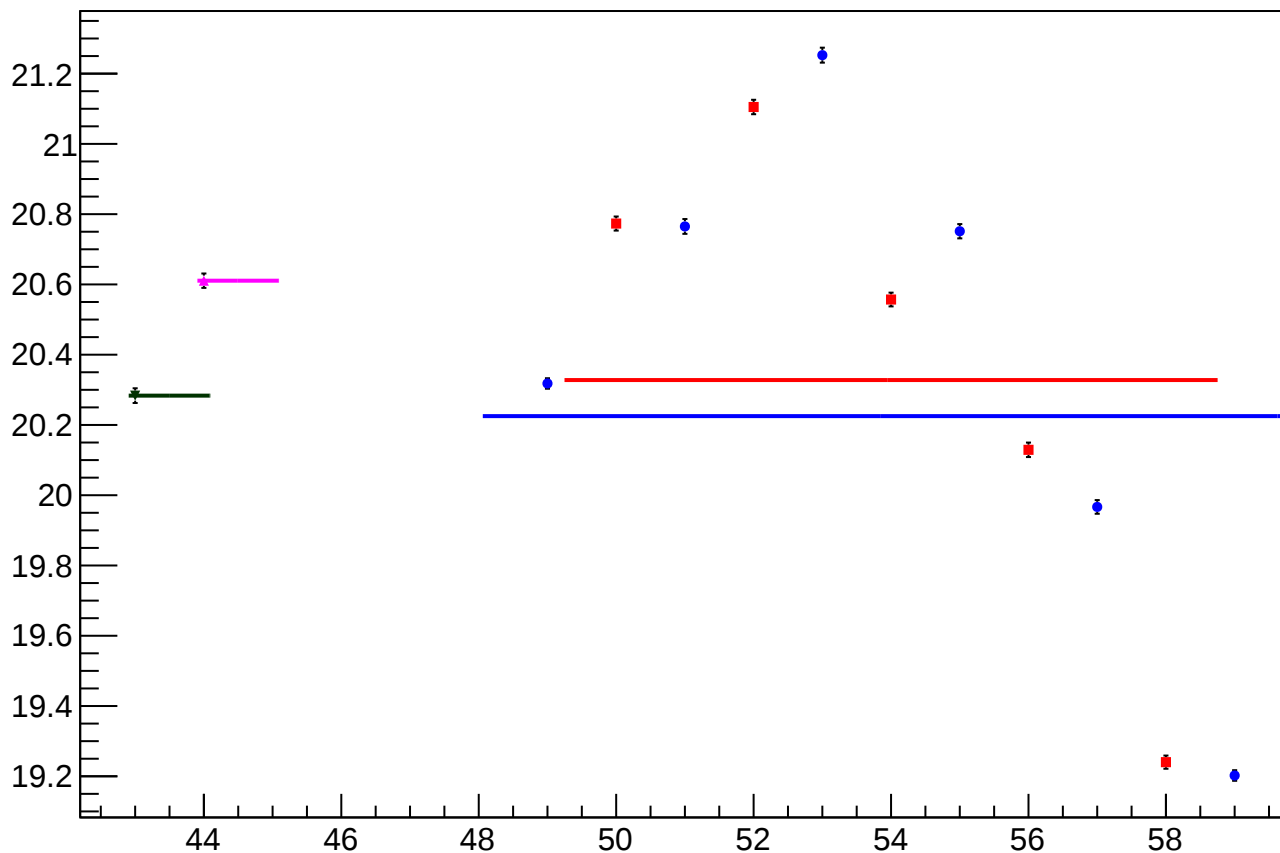
Left Out: 9.023 ± 29.646 χ^2/NDF : 0.0/0

Right Out: 11.994 ± 12.572 χ^2/NDF : 5.3/4

Left In: 18.430 ± 28.983 χ^2/NDF : 0.0/0

4.888 ± 7.487 χ^2/NDF : 10.2/12

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.225 $\pm$ 0.007 χ^2 /NDF: 8442.6/5

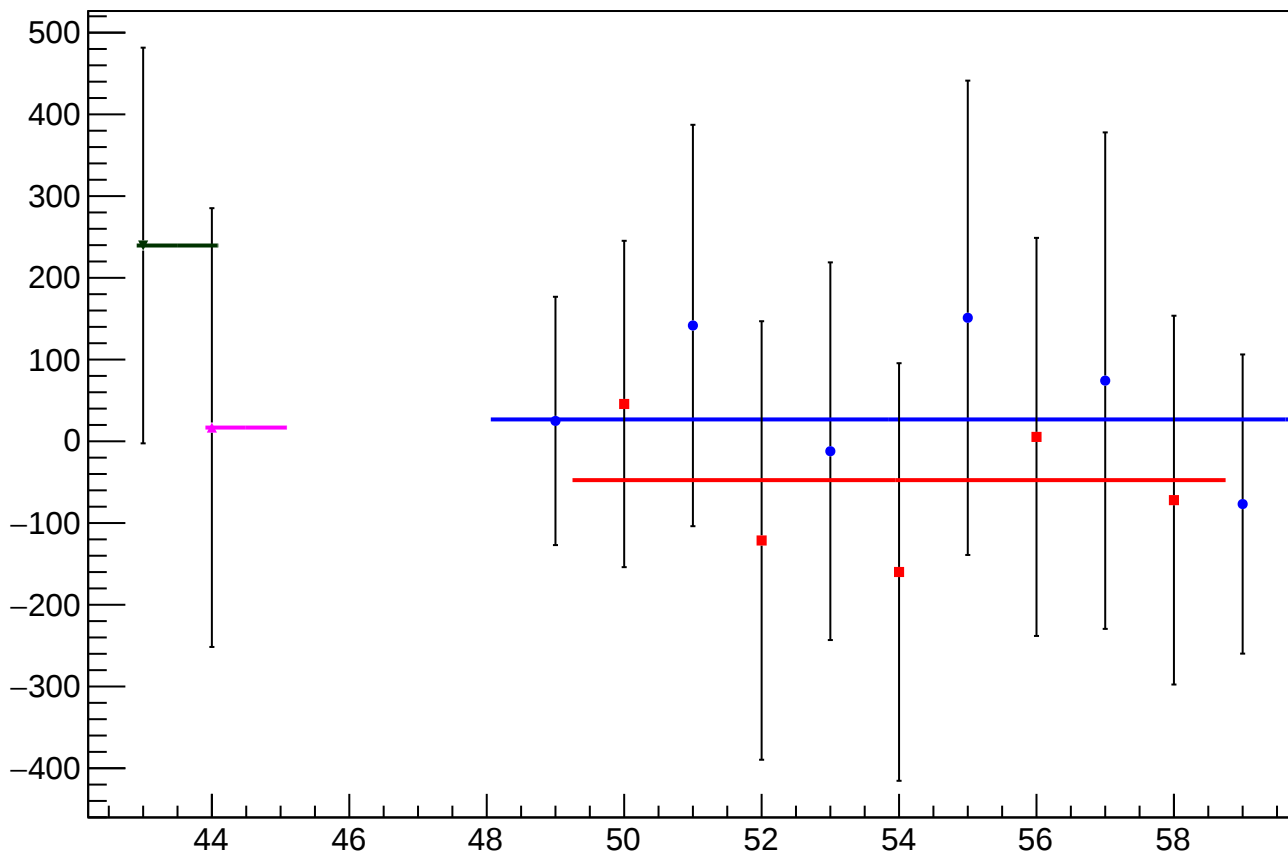
Left Out: 20.283 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Right Out: 20.328 $\pm$ 0.009 χ^2 /NDF: 5505.6/4

Left In: 20.611 $\pm$ 0.020 χ^2 /NDF: 0.0/0

20.291 $\pm$ 0.005 χ^2 /NDF: 14288.4/12

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 26.754 $\pm$ 87.294 χ^2/NDF : 0.8/5

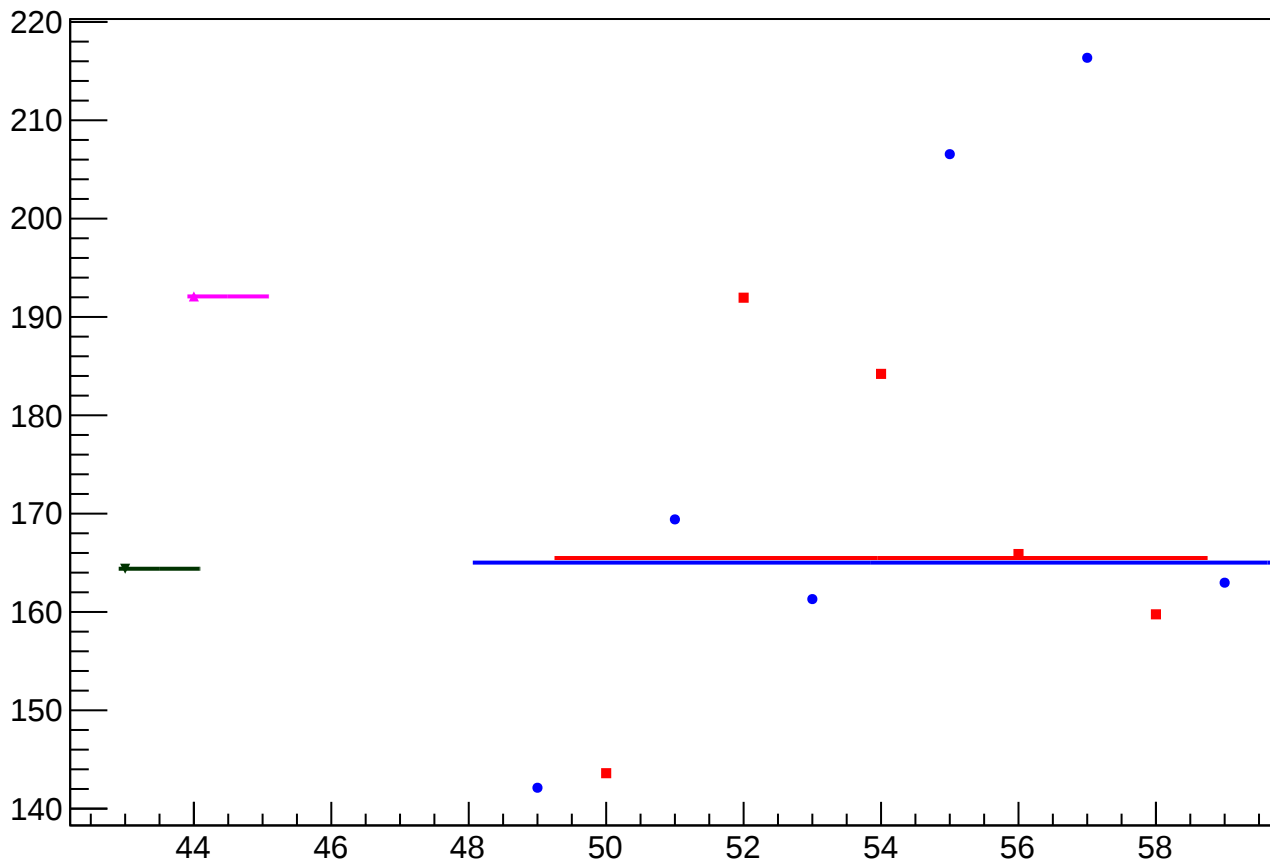
Left Out: 239.549 $\pm$ 242.055 χ^2/NDF : 0.0/0

13.907 $\pm$ 62.870 χ^2/NDF : 2.6/12

Right Out: -47.504 $\pm$ 104.933 χ^2/NDF : 0.5/4

Left In: 16.805 $\pm$ 268.428 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.020 $\pm$ 0.062 χ^2 /NDF: 144949.0/5

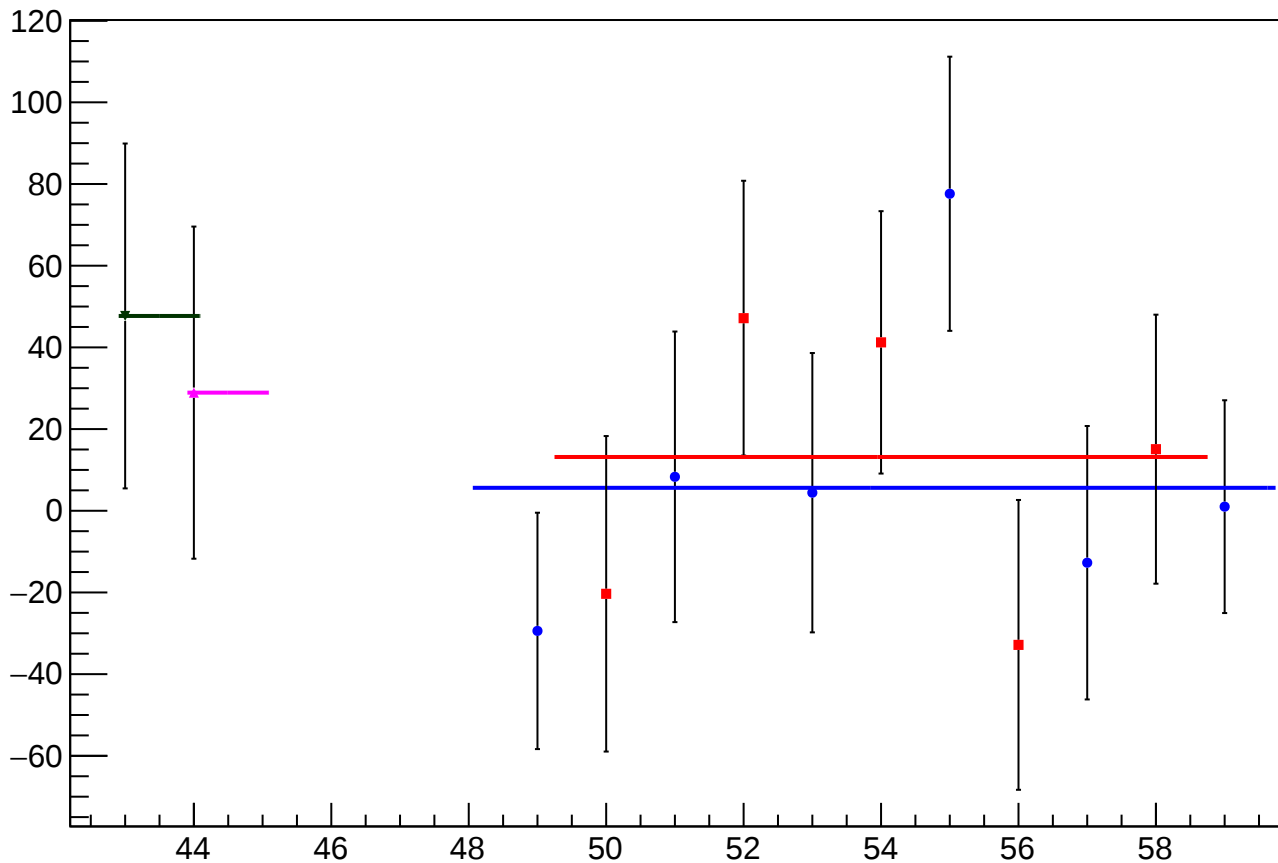
Left Out: 164.396 $\pm$ 0.171 χ^2 /NDF: 0.0/0

166.630 $\pm$ 0.044 χ^2 /NDF: 219567.6/12

Right Out: 165.487 $\pm$ 0.074 χ^2 /NDF: 55541.0/4

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: 5.621±12.810 χ^2 /NDF: 6.4/5

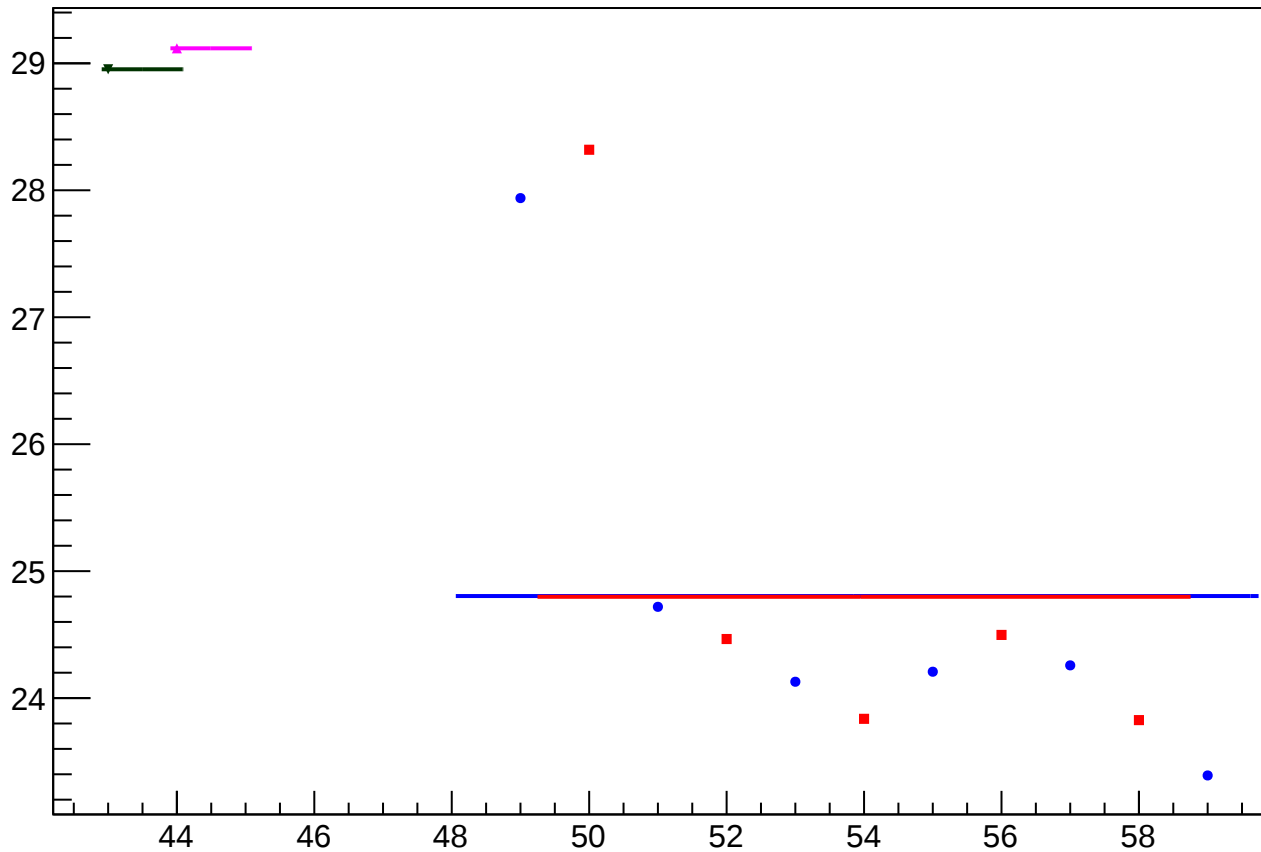
Left Out: 47.694±42.218 χ^2 /NDF:0.0/0

Right Out: 13.168±15.357 χ^2 /NDF: 4.2/4

Left In: 28.921±40.658 χ^2 /NDF:0.0/0

11.682±9.325 χ^2 /NDF: 11.8/12

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 24.804 $\pm$ 0.009 χ^2 /NDF: 31310.4/5

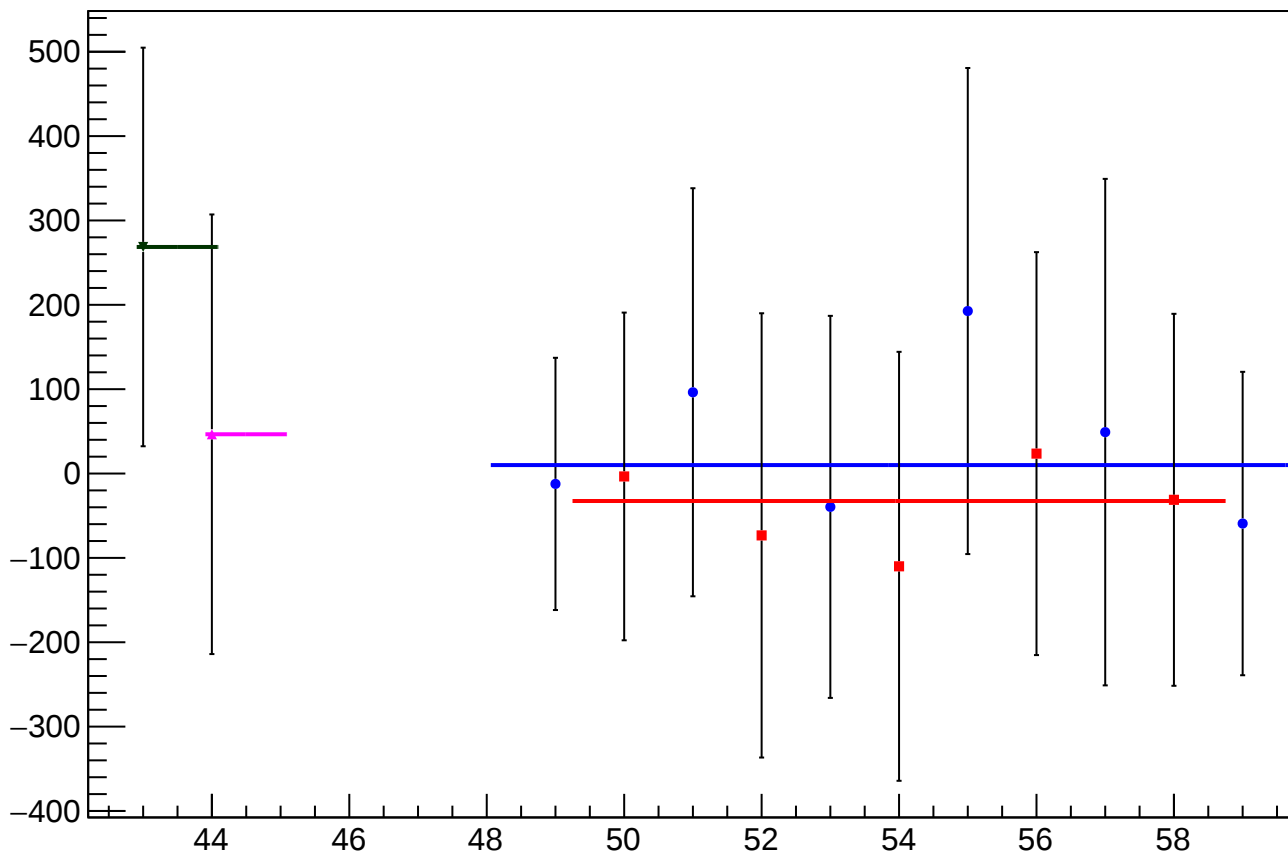
Left Out: 28.953 $\pm$ 0.030 χ^2 /NDF: 0.0/0

Right Out: 24.798 $\pm$ 0.011 χ^2 /NDF: 20493.0/4

Left In: 29.118 $\pm$ 0.029 χ^2 /NDF: 0.0/0

25.231 $\pm$ 0.007 χ^2 /NDF: 89441.6/12

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 10.031 $\pm$ 85.939 χ^2/NDF : 0.8/5

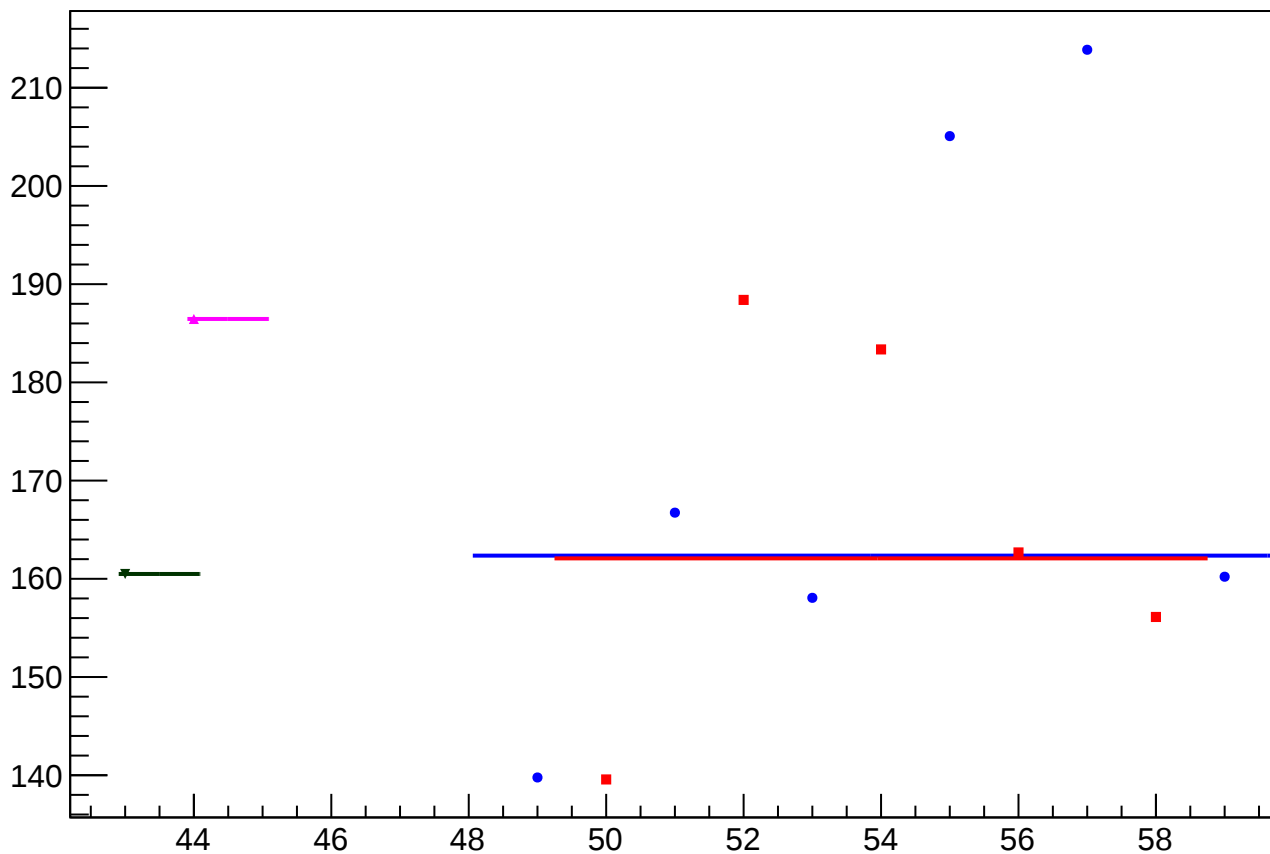
Left Out: 268.579 $\pm$ 236.251 χ^2/NDF : 0.0/0

14.393 $\pm$ 61.715 χ^2/NDF : 2.3/12

Right Out: -32.562 $\pm$ 102.867 χ^2/NDF : 0.2/4

Left In: 46.555 $\pm$ 260.560 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 162.360+/-0.061 χ^2/NDF : 150159.7/5

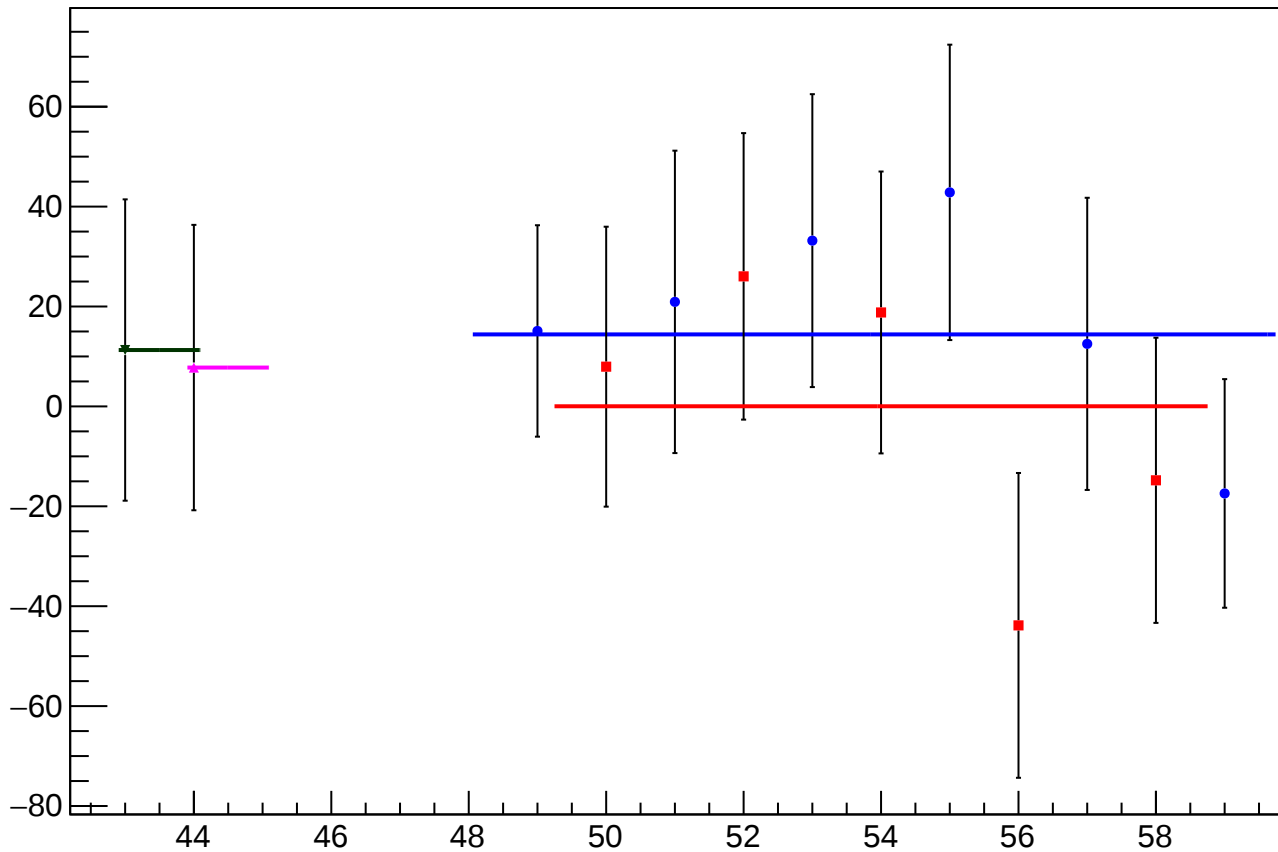
Left Out: 160.492+/-0.167 χ^2/NDF : 0.0/0

163.483+/-0.044 χ^2/NDF : 229061.8/12

Right Out: 162.078+/-0.073 χ^2/NDF : 62318.9/4

Left In: 186.457+/-0.184 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.414+/-10.715 χ^2/NDF : 3.3/5

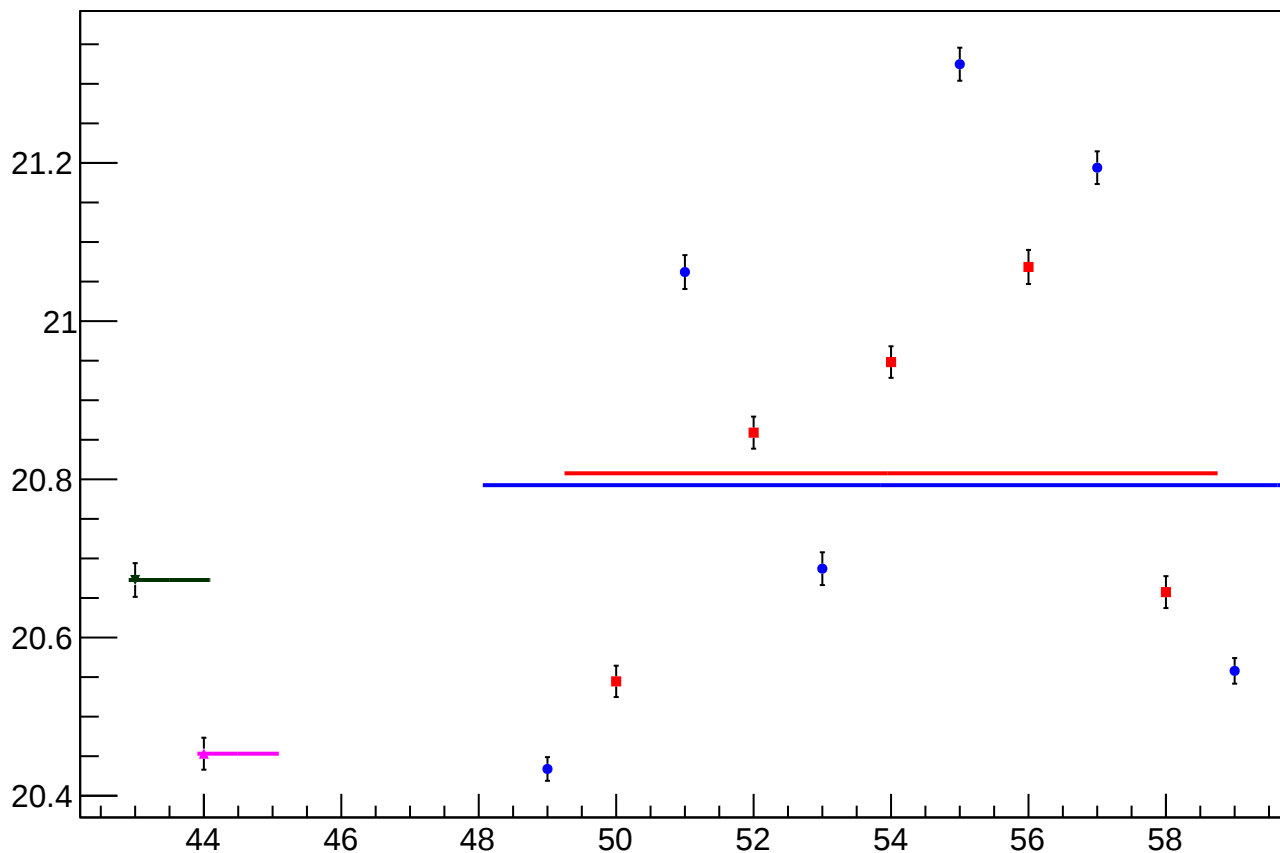
Left Out: 11.285+/-30.163 χ^2/NDF : 0.0/0

Right Out: 0.026+/-12.860 χ^2/NDF : 3.7/4

Left In: 7.775+/-28.568 χ^2/NDF : 0.0/0

8.643+/-7.652 χ^2/NDF : 7.8/12

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.793+/-0.008 χ^2/NDF : 1994.1/5

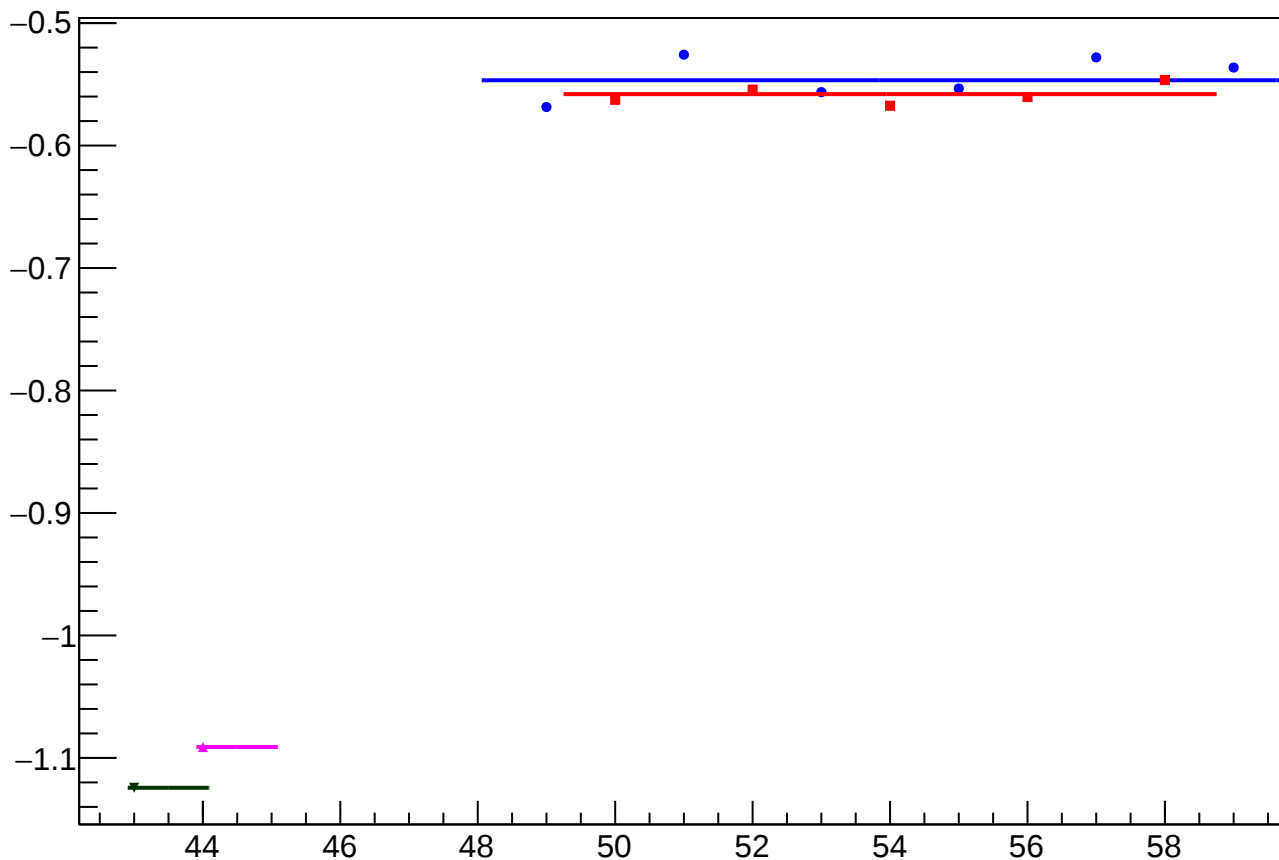
Left Out: 20.673+/-0.021 χ^2/NDF : 0.0/0

Right Out: 20.808+/-0.009 χ^2/NDF : 433.9/4

Left In: 20.453+/-0.020 χ^2/NDF : 0.0/0

20.766+/-0.005 χ^2/NDF : 2720.2/12

yield_bpm0l01X_mean vs slug



Right In: -0.547 ± 0.000 $\chi^2/\text{NDF}: 8594428.6/5$

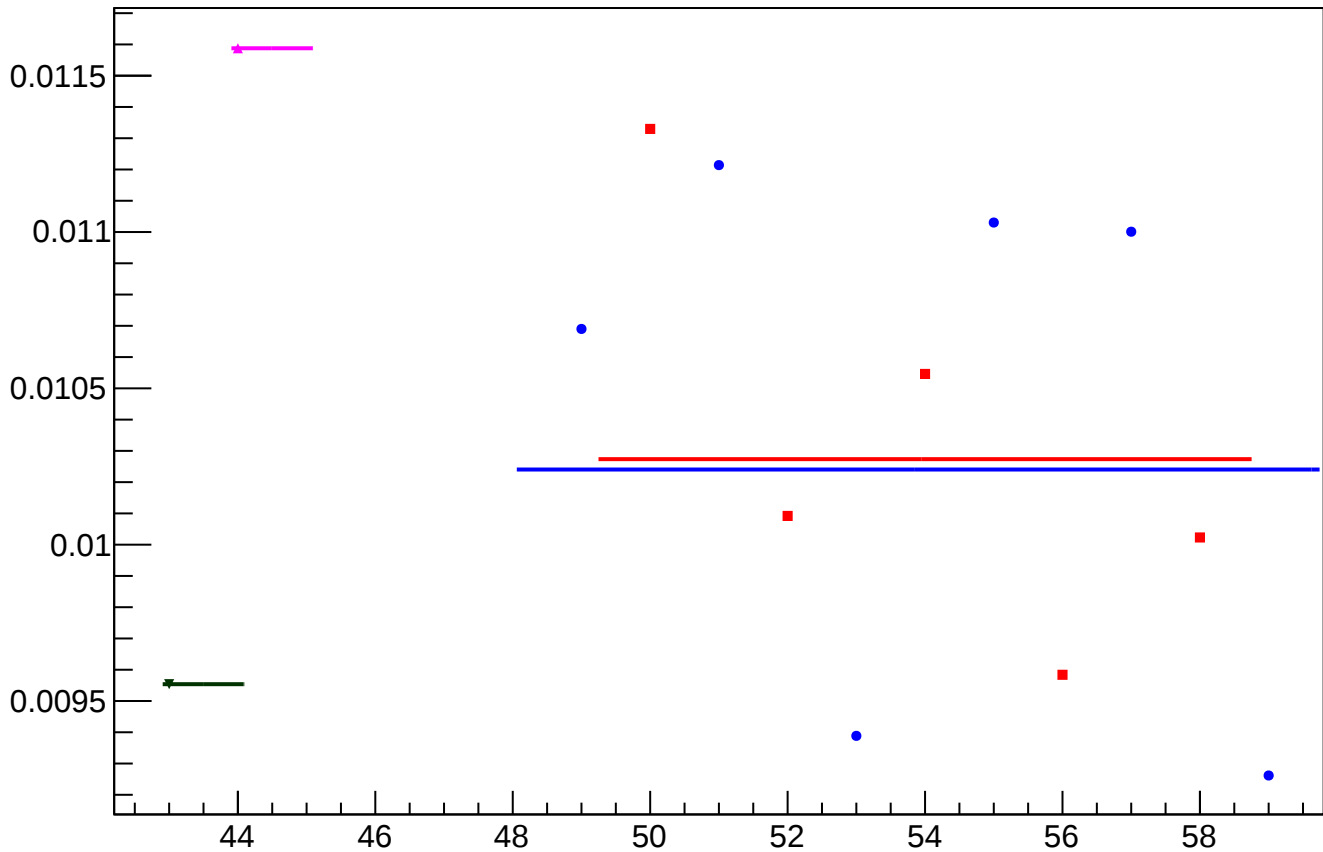
Left Out: -1.124 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.558 ± 0.000 $\chi^2/\text{NDF}: 1290719.8/4$

Left In: -1.091 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.624 ± 0.000 $\chi^2/\text{NDF}: 2413205058.8/12$

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 46181.6/5

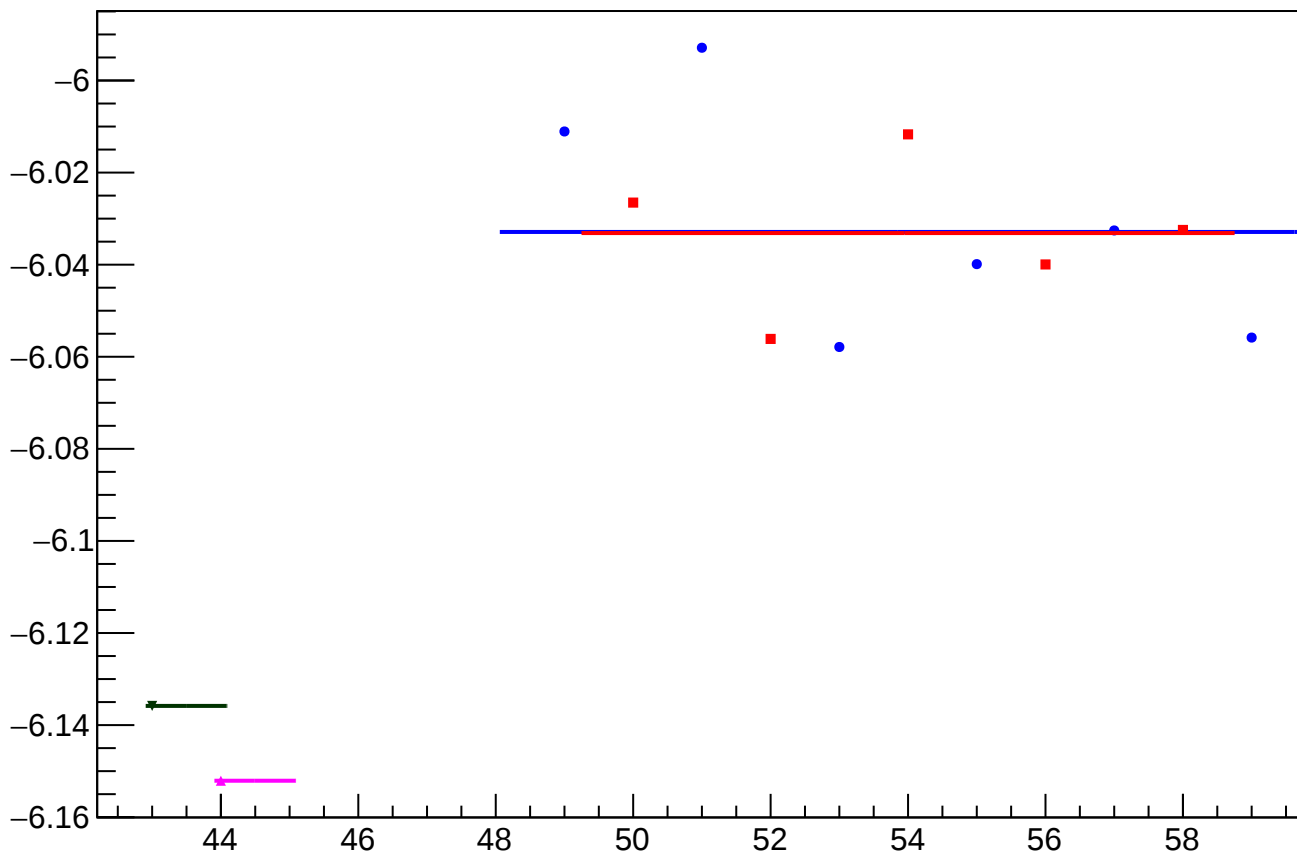
Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 80221.6/12

Right Out: 0.010+/-0.000 χ^2/NDF : 15663.7/4

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



Right In: -6.033+/-0.000 χ^2 /NDF: 2011639.5/5

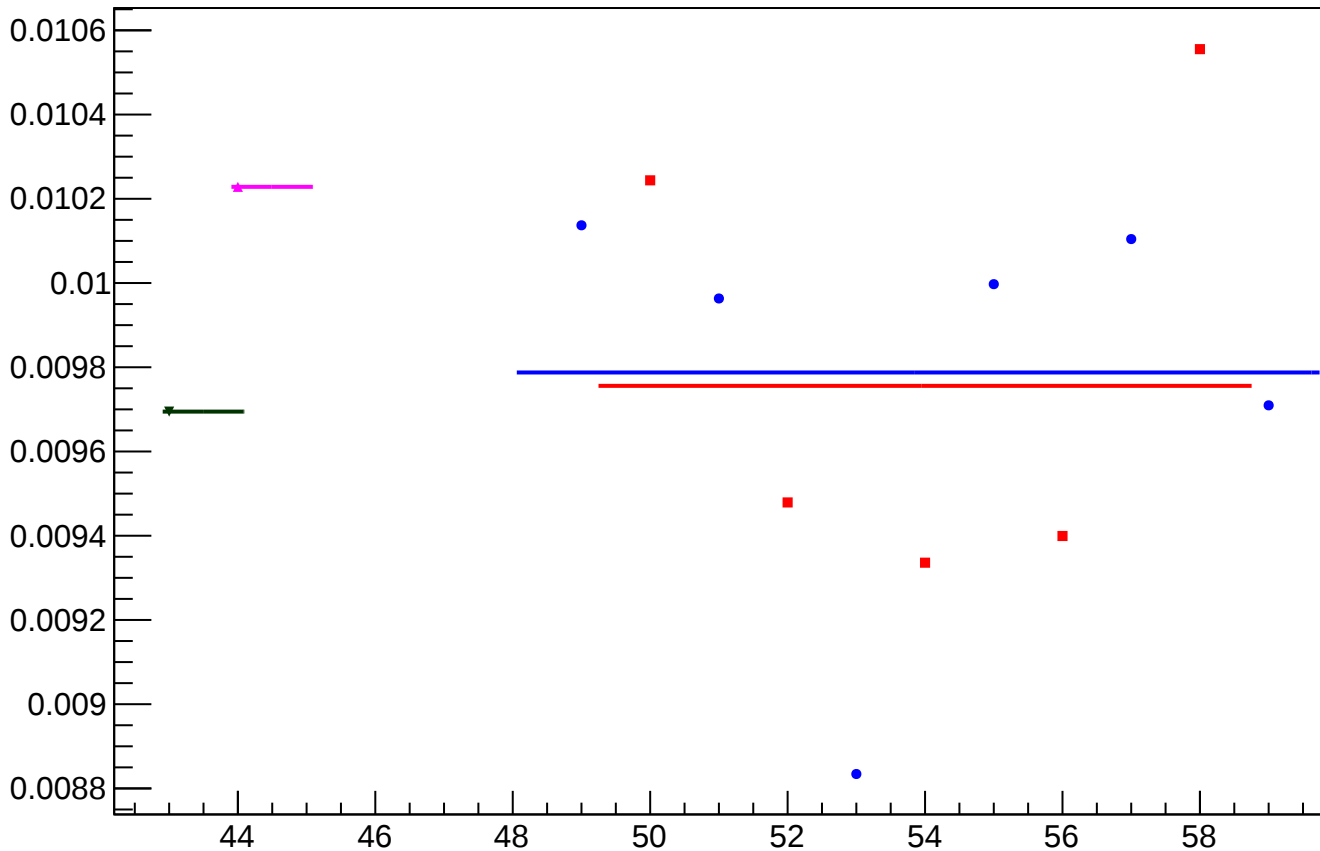
Left Out: -6.136+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -6.033+/-0.000 χ^2 /NDF: 6219759.8/4

Left In: -6.152+/-0.000 χ^2 /NDF: 0.0/0

-6.047+/-0.000 χ^2 /NDF: 130121019.3/12

yield_bpm0l01Y_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 15165.3/5

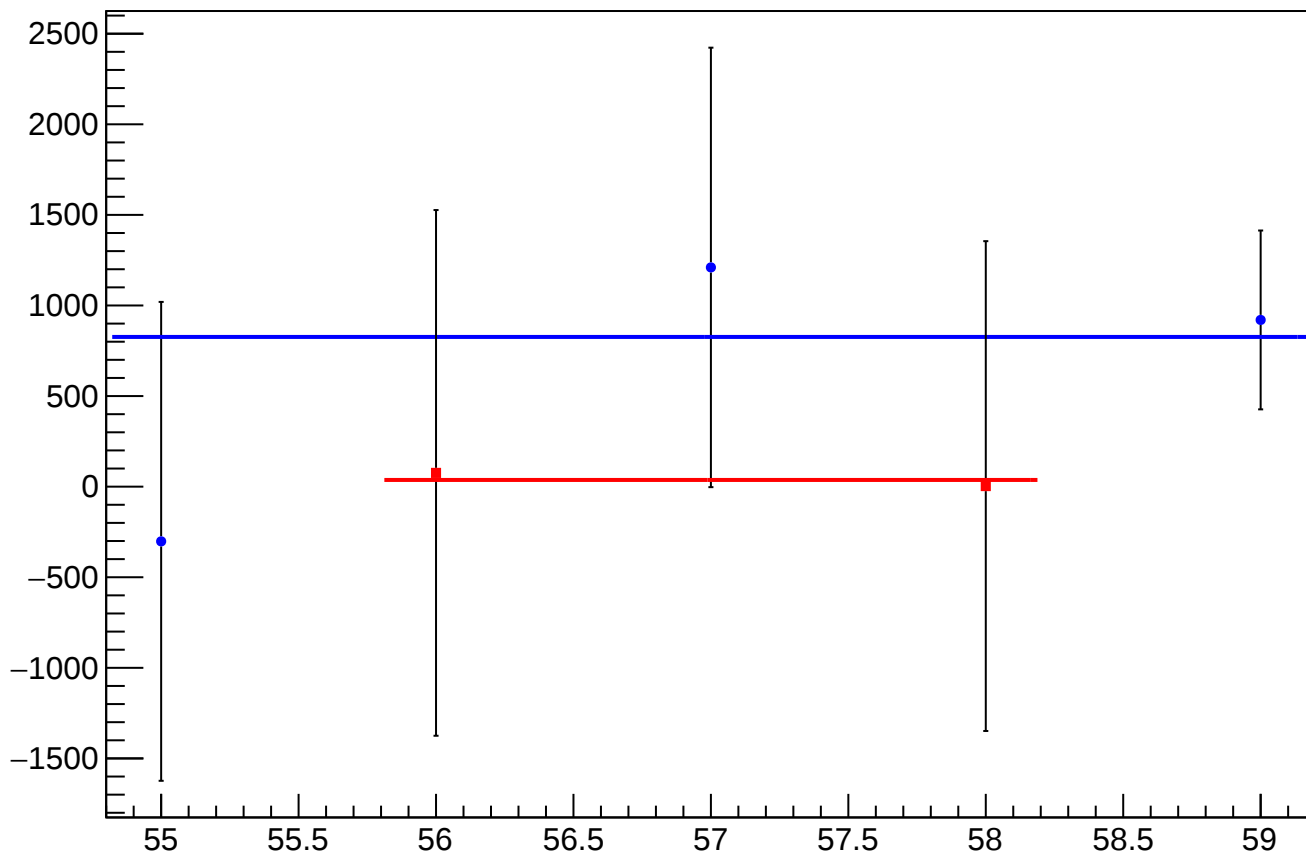
Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 29472.9/12

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 12330.7/4

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

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364 $\pm$ 432.037 χ^2 /NDF: 0.9/2

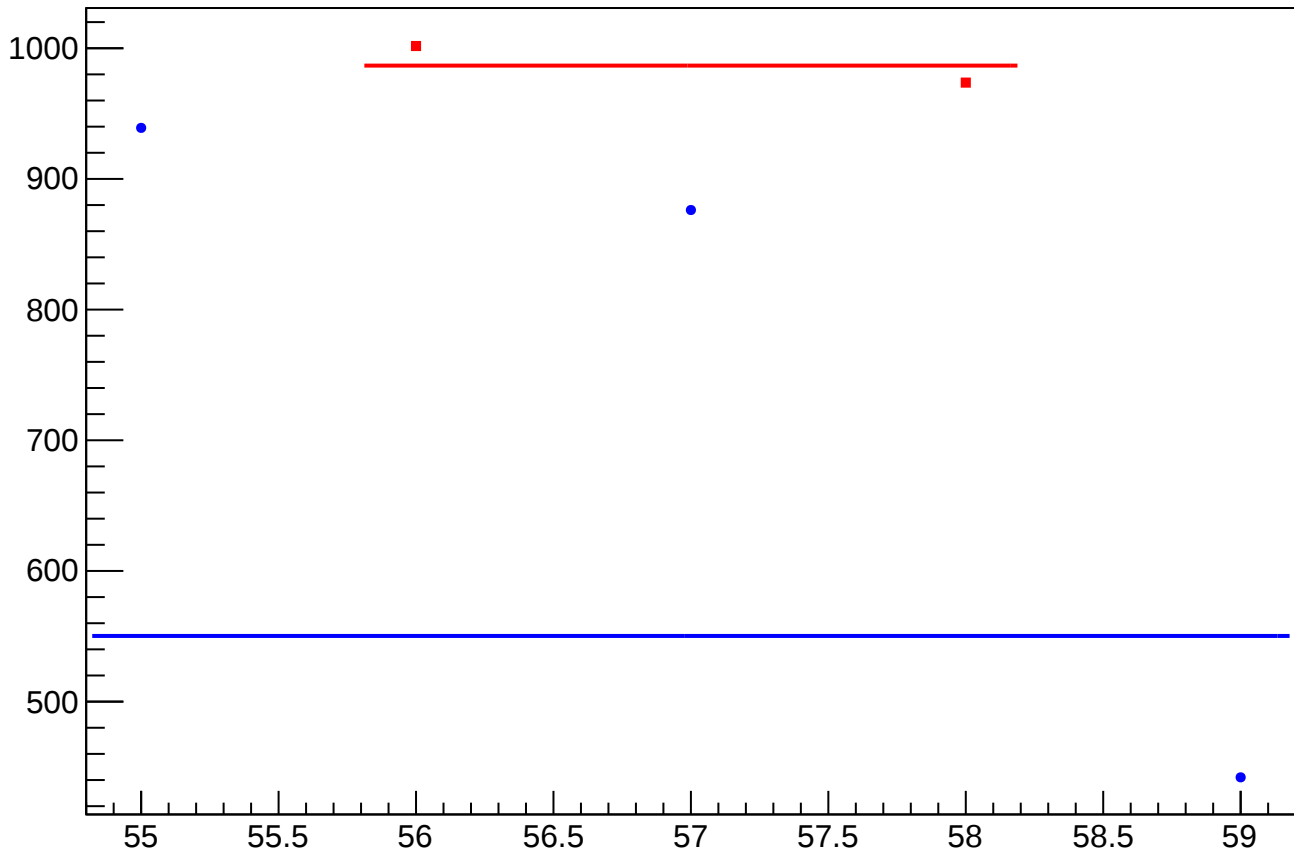
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.000 $\pm$ 989.017 χ^2 /NDF: 0.0/1

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

699.872 $\pm$ 395.910 χ^2 /NDF: 1.4/4

reg_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.262 $\pm$ 0.305 χ^2 /NDF: 413673.8/2

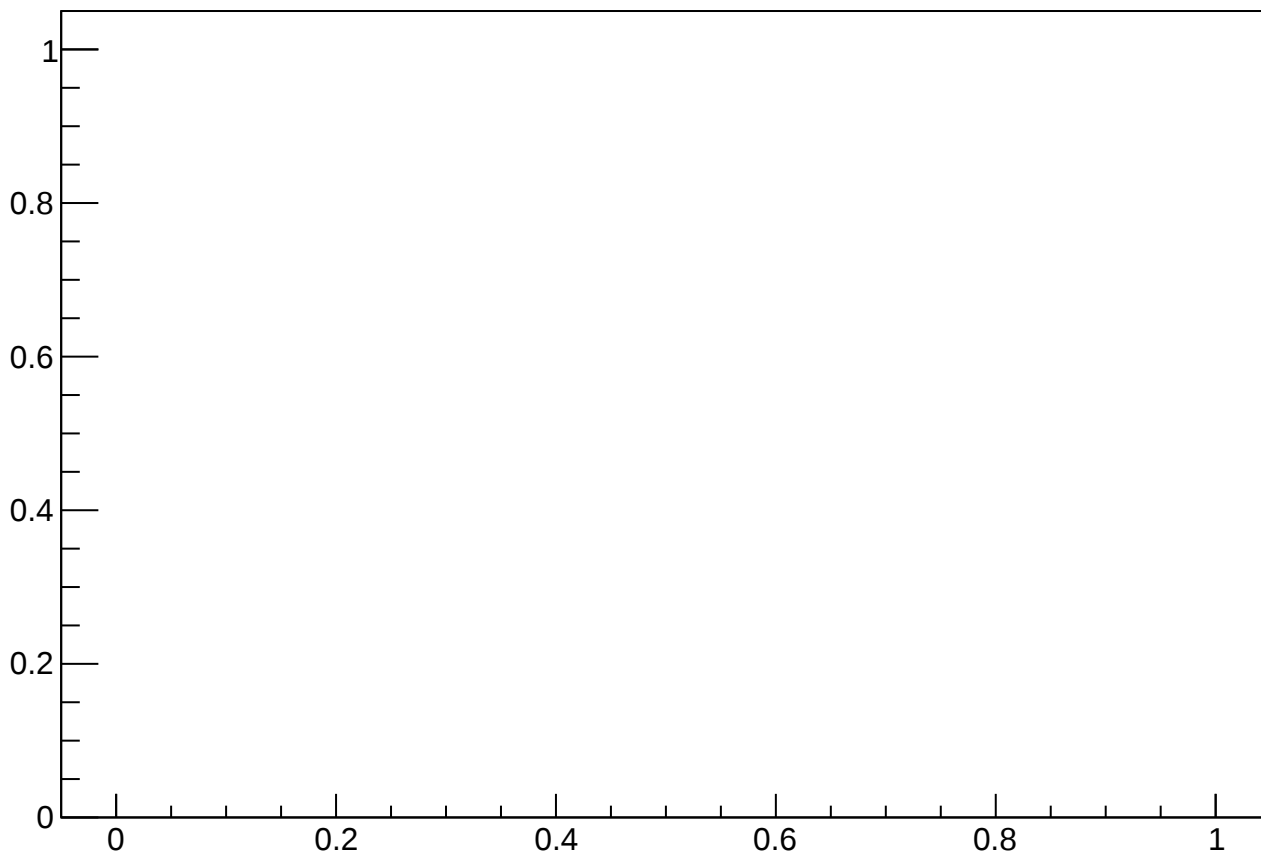
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

620.202 $\pm$ 0.280 χ^2 /NDF: 741156.1/4

Right Out: 986.719 $\pm$ 0.699 χ^2 /NDF: 398.8/1

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

asym_atl_dd_atr_dd_avg_correction_mean vs slug



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

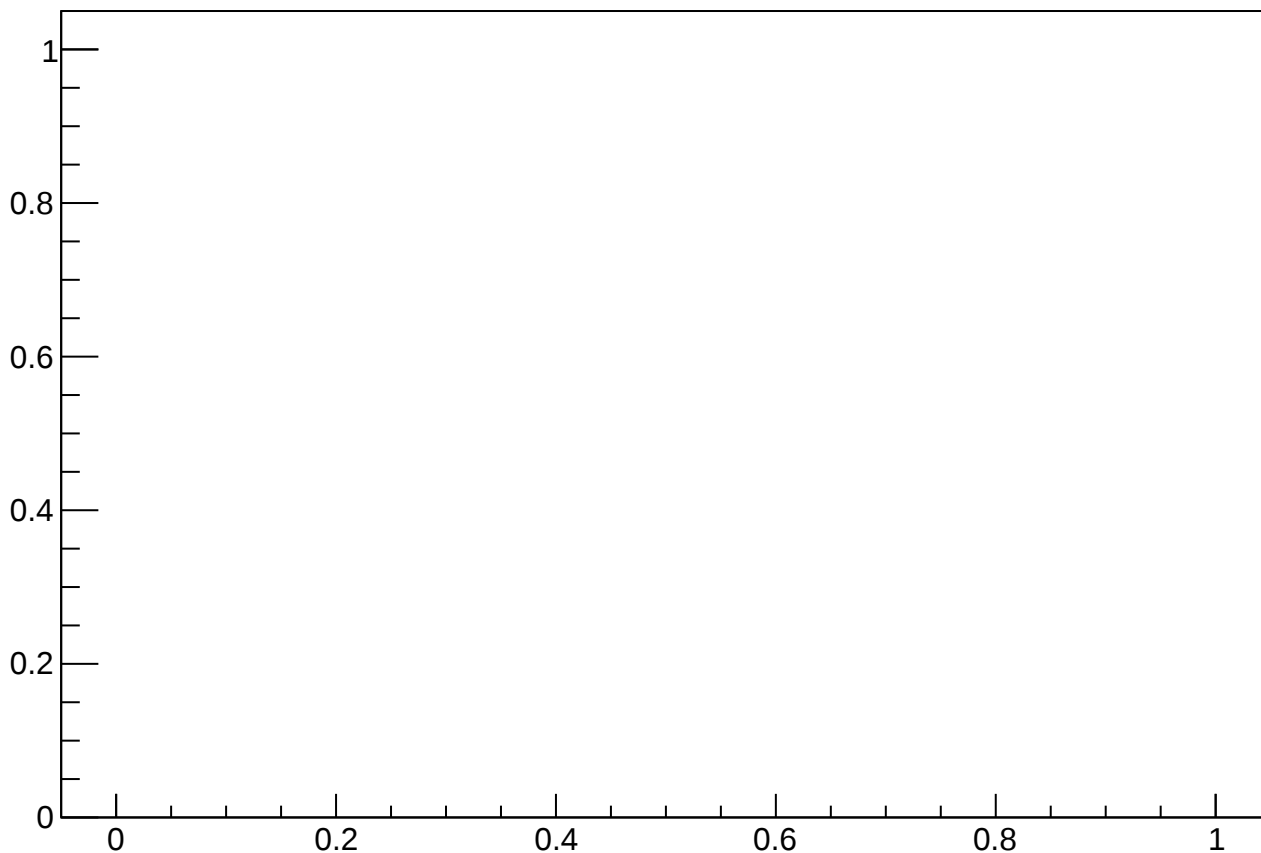
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs slug



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

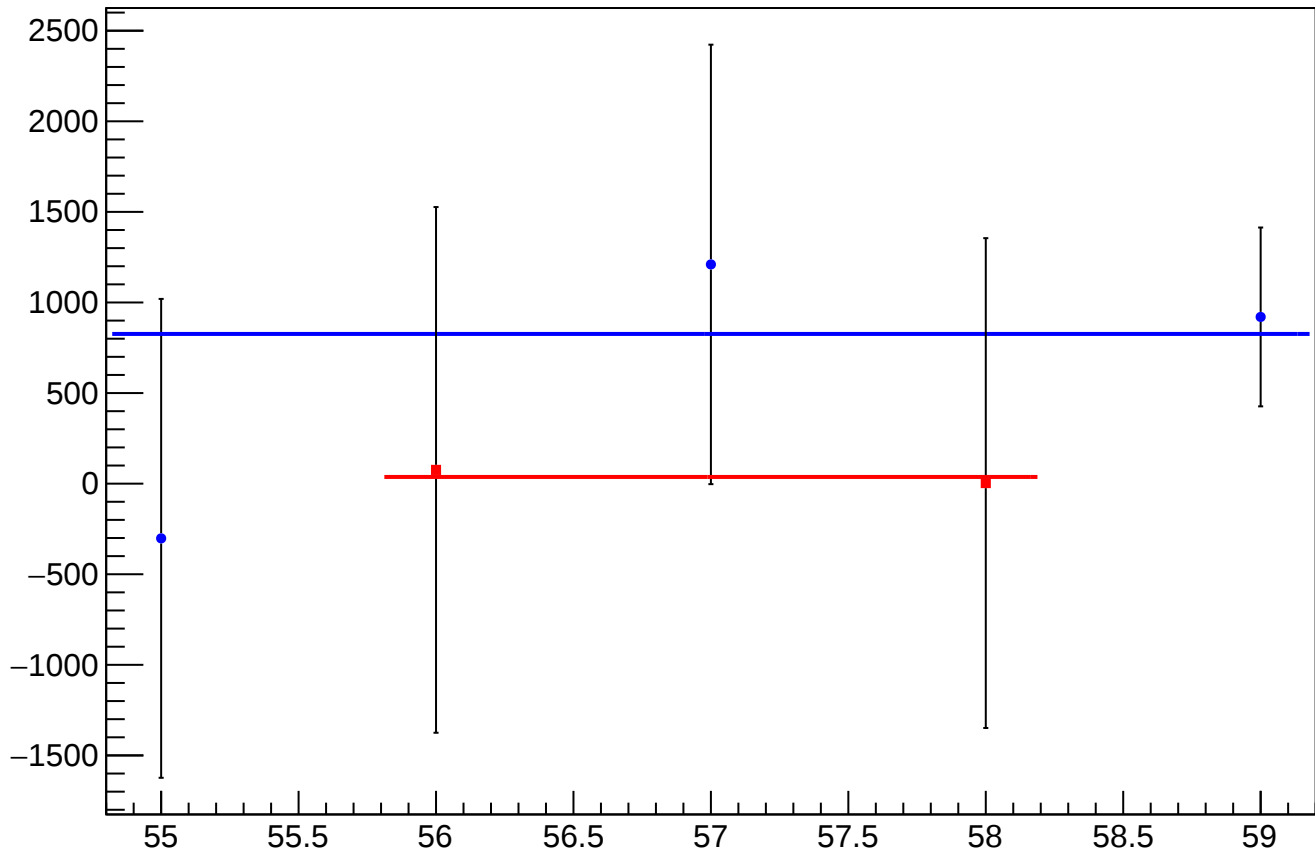
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364 $\pm$ 432.037 χ^2 /NDF: 0.9/2

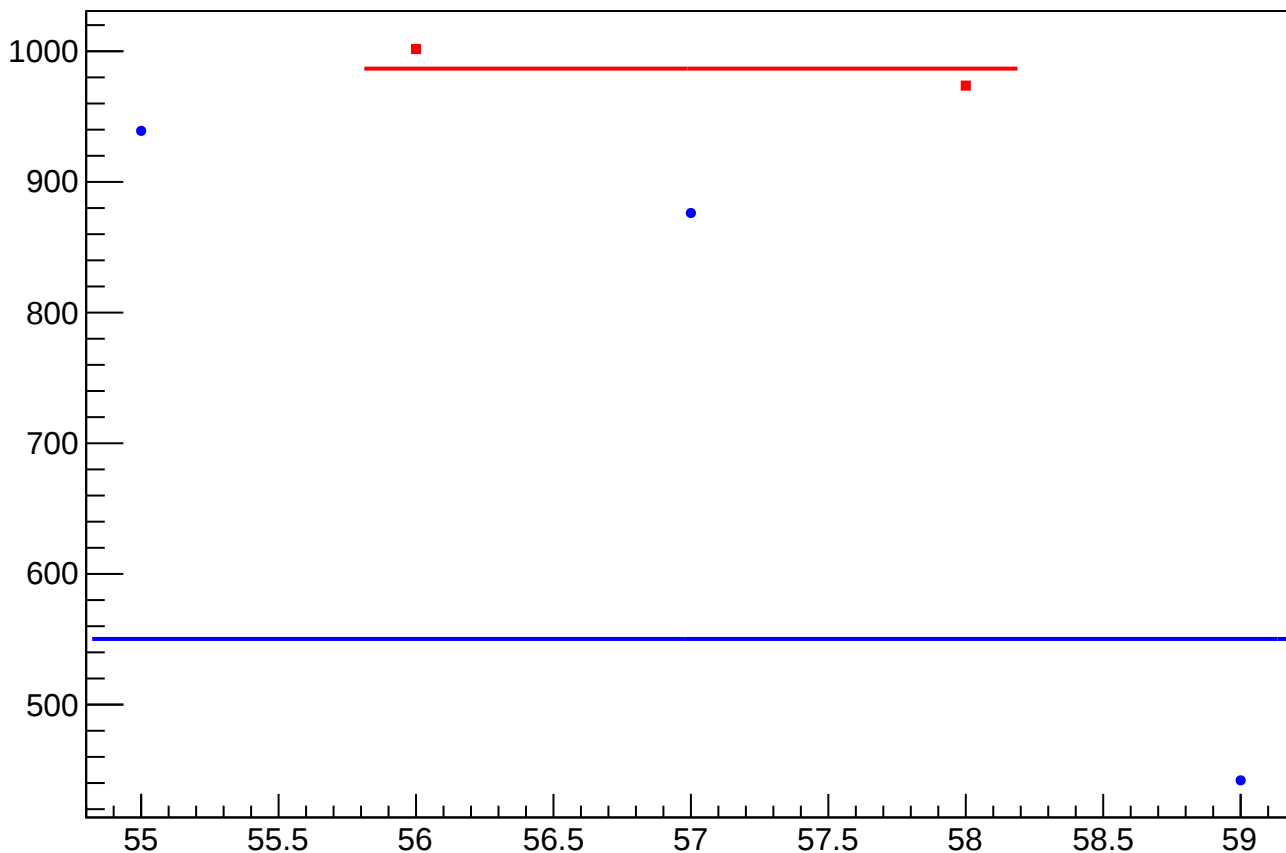
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

699.872 $\pm$ 395.910 χ^2 /NDF: 1.4/4

Right Out: 37.000 $\pm$ 989.017 χ^2 /NDF: 0.0/1

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

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.262 $\pm$ 0.305 χ^2 /NDF: 413673.8/2

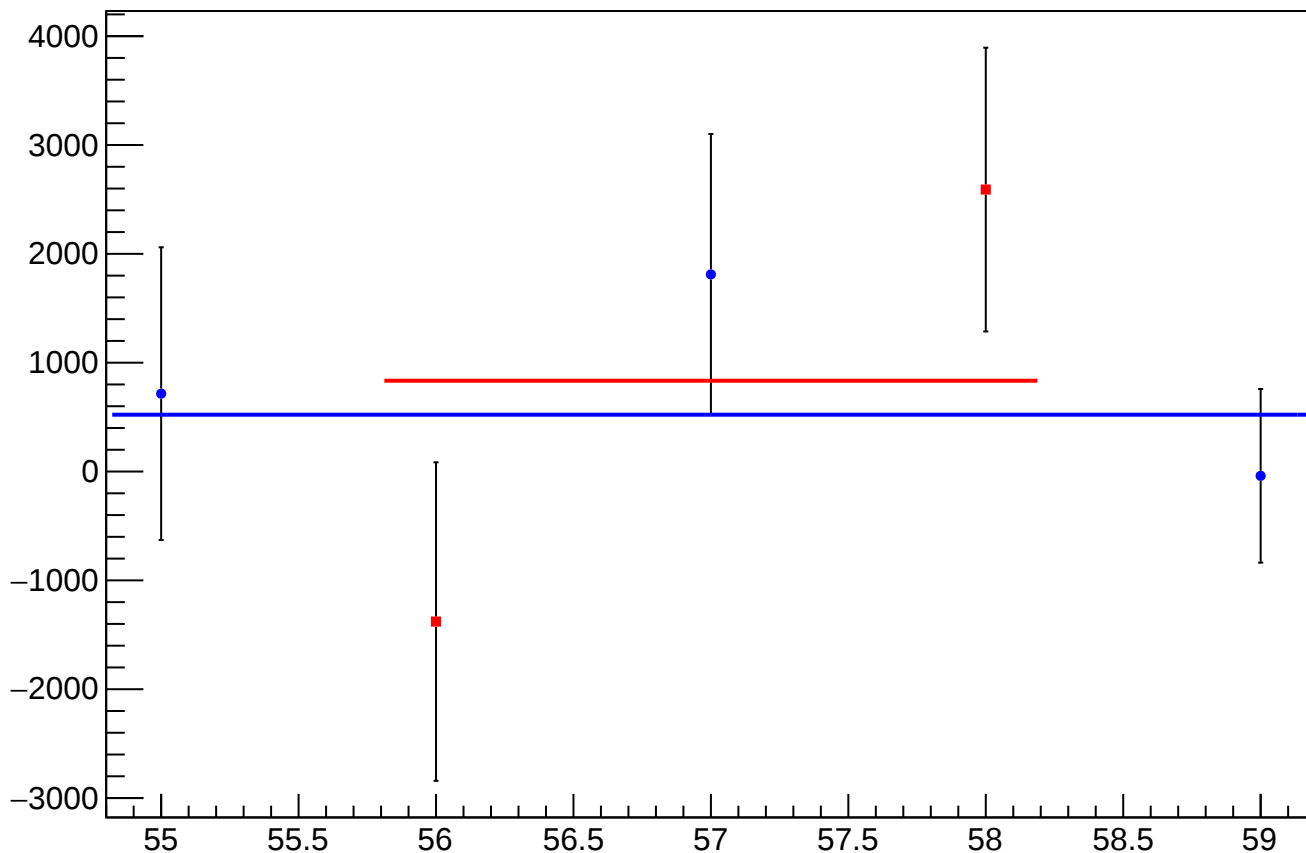
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.719 $\pm$ 0.699 χ^2 /NDF: 398.8/1

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

620.202 $\pm$ 0.280 χ^2 /NDF: 741156.1/4

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 522.107 $\pm$ 605.876 χ^2 /NDF: 1.5/2

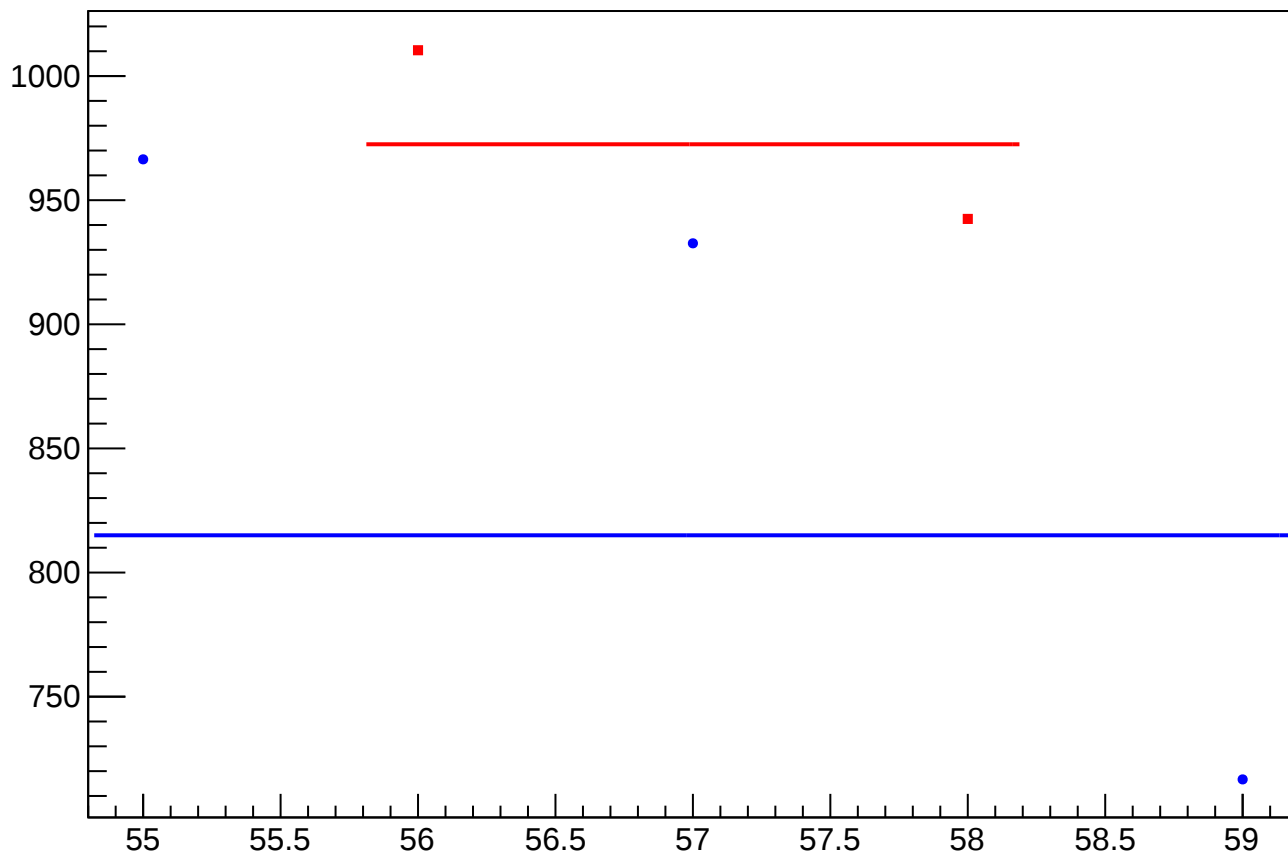
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

609.318 $\pm$ 514.360 χ^2 /NDF: 5.7/4

Right Out: 834.380 $\pm$ 973.303 χ^2 /NDF: 4.1/1

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

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.008 $\pm$ 0.428 χ^2 /NDF: 72355.1/2

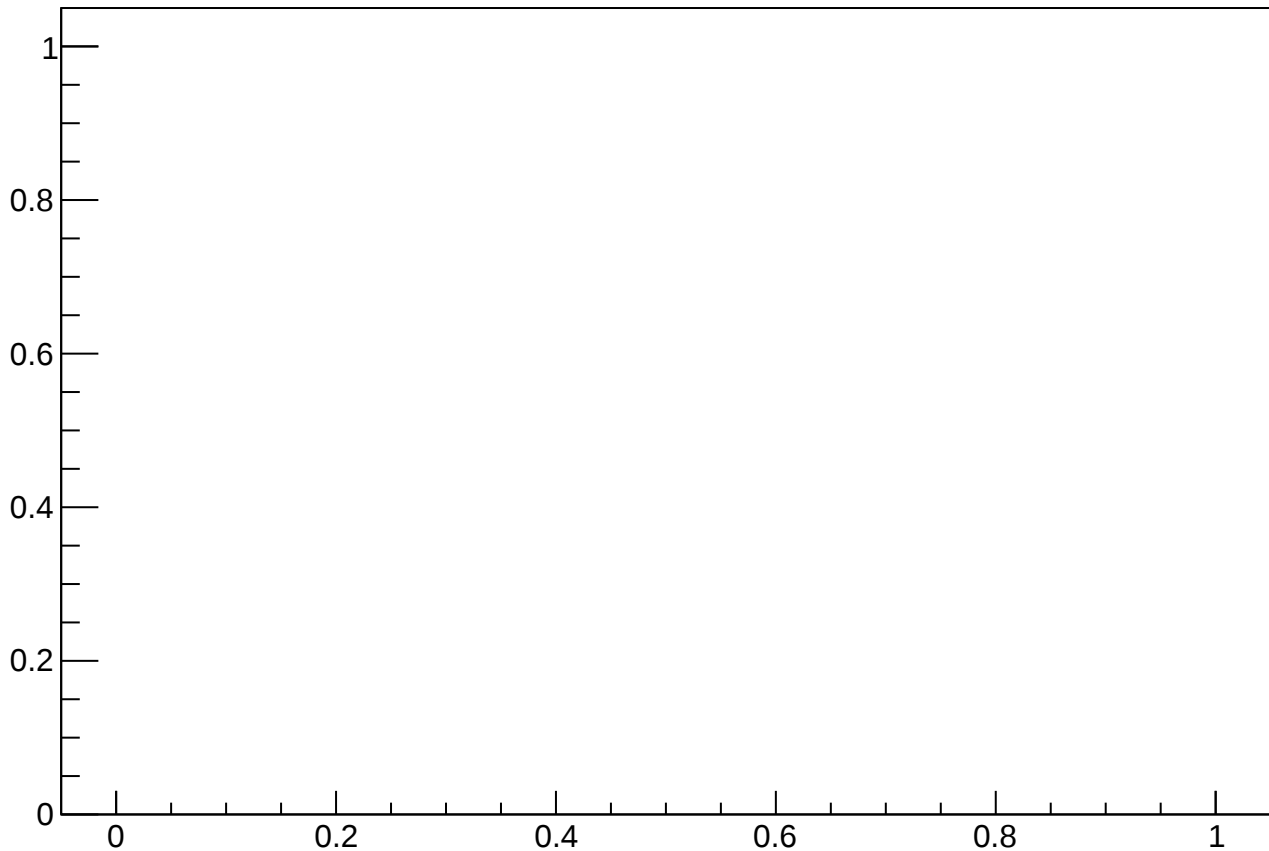
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 972.523 $\pm$ 0.688 χ^2 /NDF: 2404.8/1

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

858.999 $\pm$ 0.364 χ^2 /NDF: 112512.3/4

asym_atl_dd_atr_dd_dd_correction_mean vs slug



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

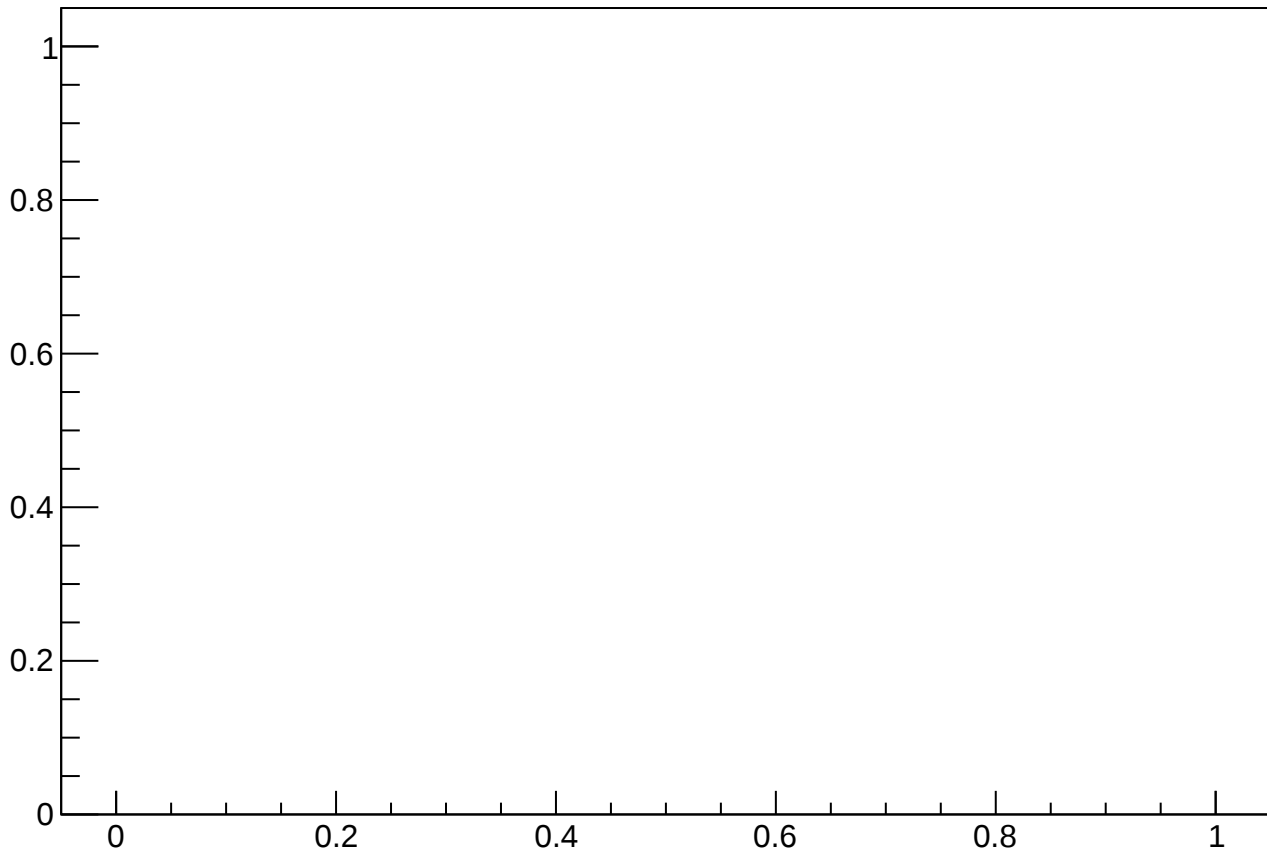
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

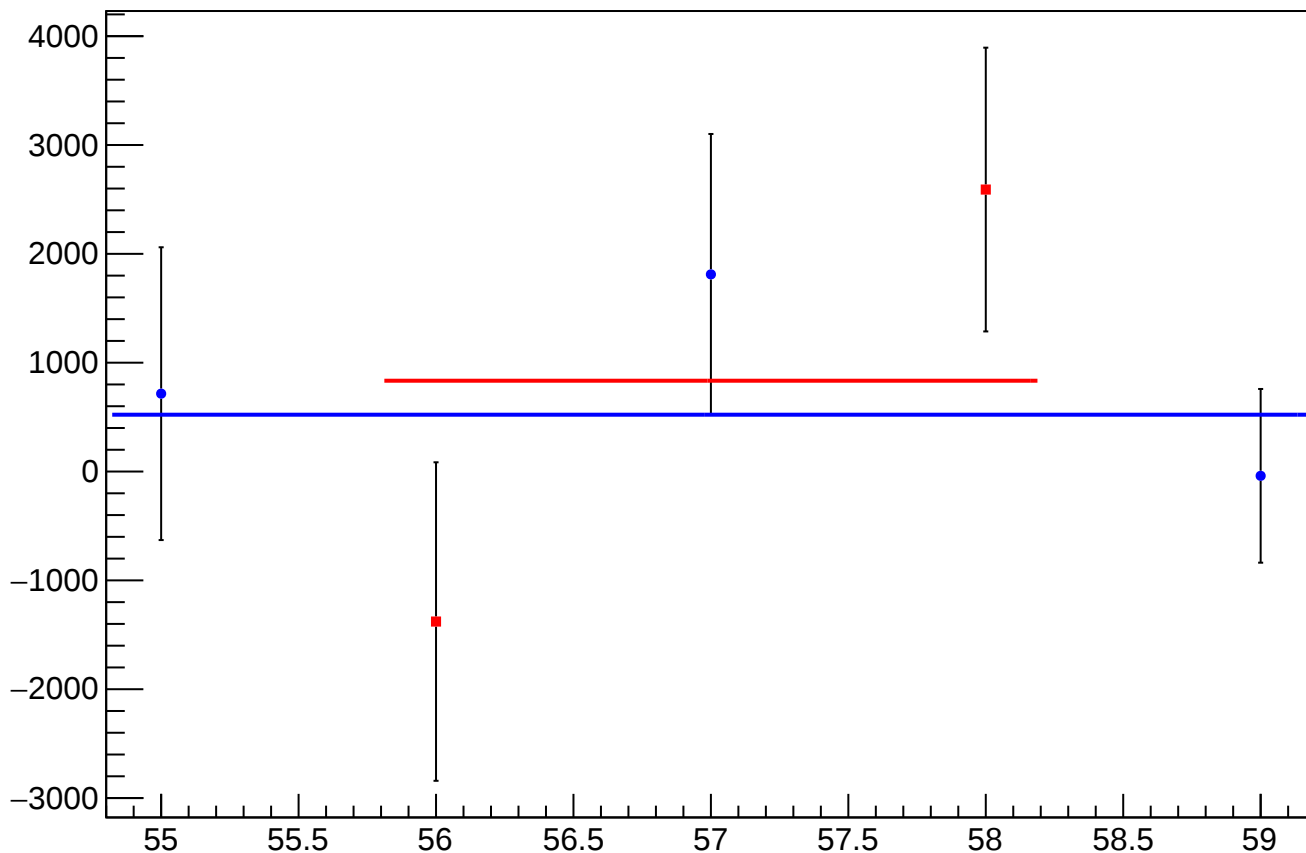
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 522.107+/-605.876 χ^2 /NDF: 1.5/2

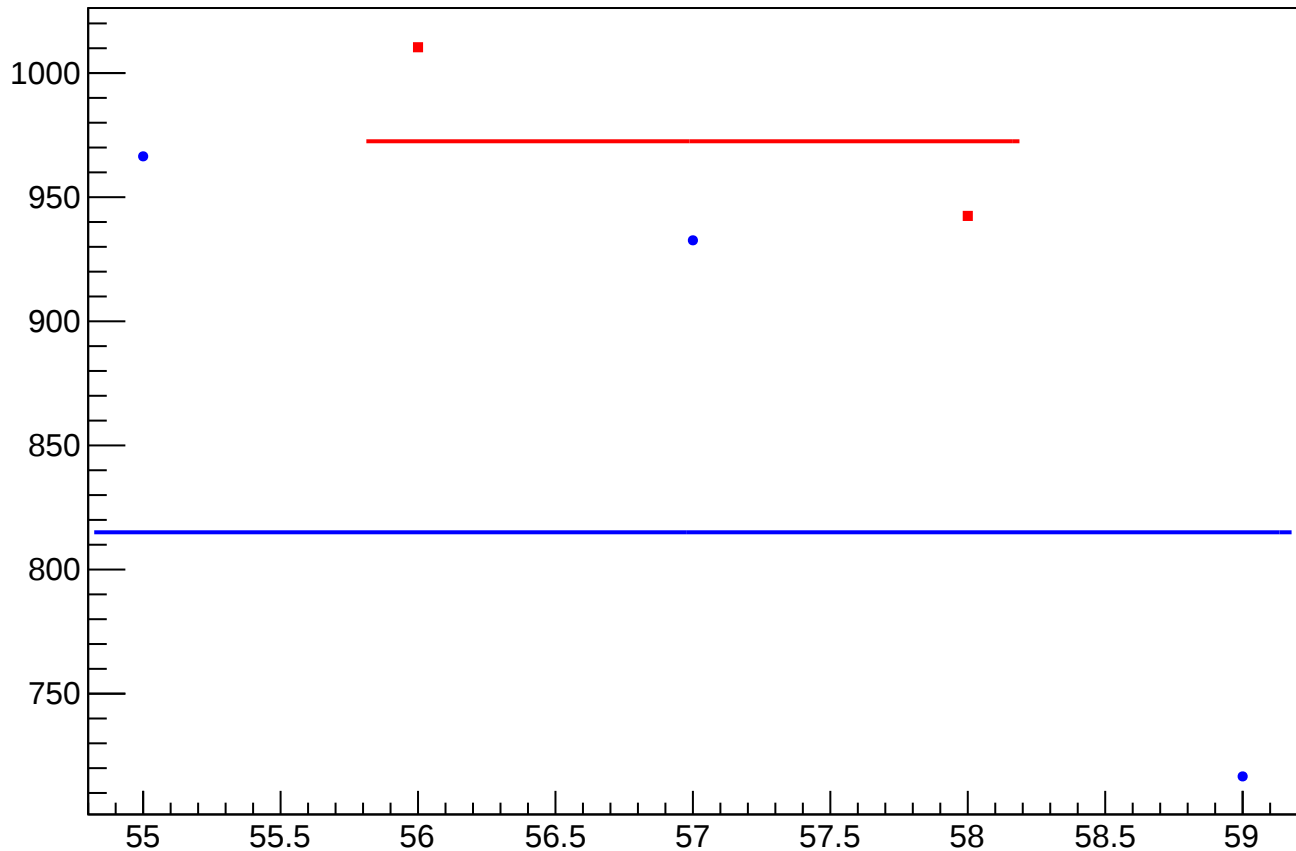
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 834.380+/-973.303 χ^2 /NDF: 4.1/1

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

609.318+/-514.360 χ^2 /NDF: 5.7/4

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.008 $\pm$ 0.428 χ^2 /NDF: 72355.1/2

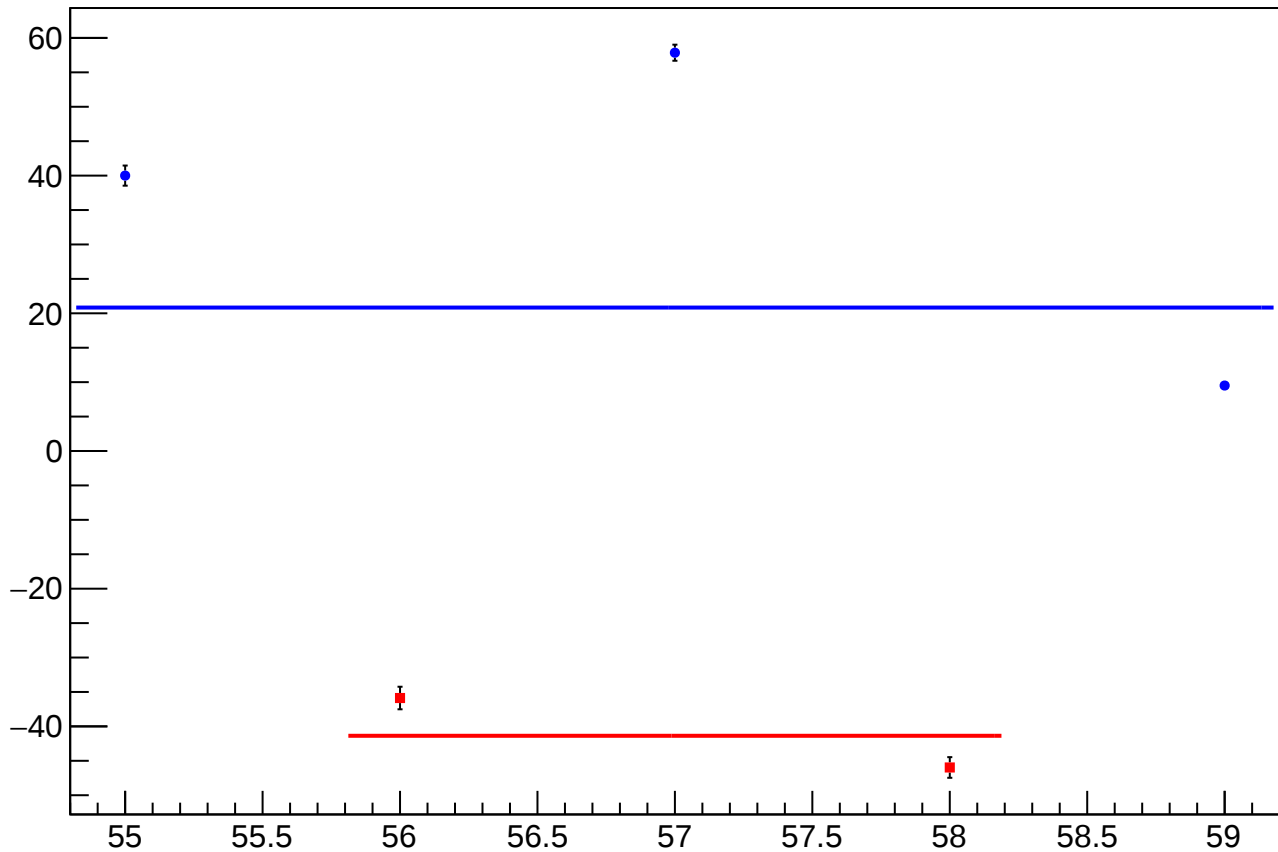
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

858.999 $\pm$ 0.364 χ^2 /NDF: 112512.3/4

Right Out: 972.523 $\pm$ 0.688 χ^2 /NDF: 2404.8/1

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

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



Right In: 20.835+/-0.477 χ^2/NDF : 1585.8/2

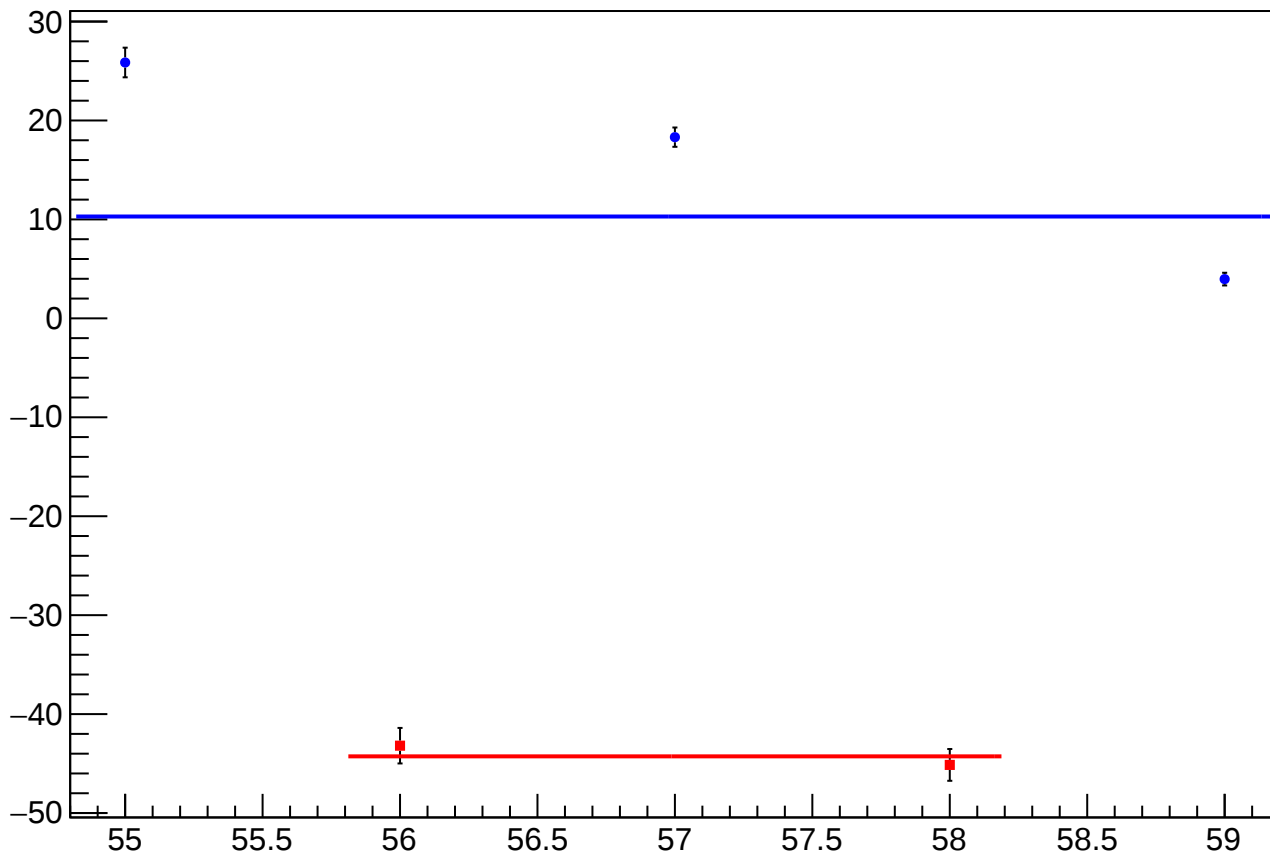
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.076+/-0.438 χ^2/NDF : 4271.3/4

Right Out: -41.366+/-1.106 χ^2/NDF : 20.6/1

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

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



Right In: 10.294+/-0.505 χ^2 /NDF: 272.8/2

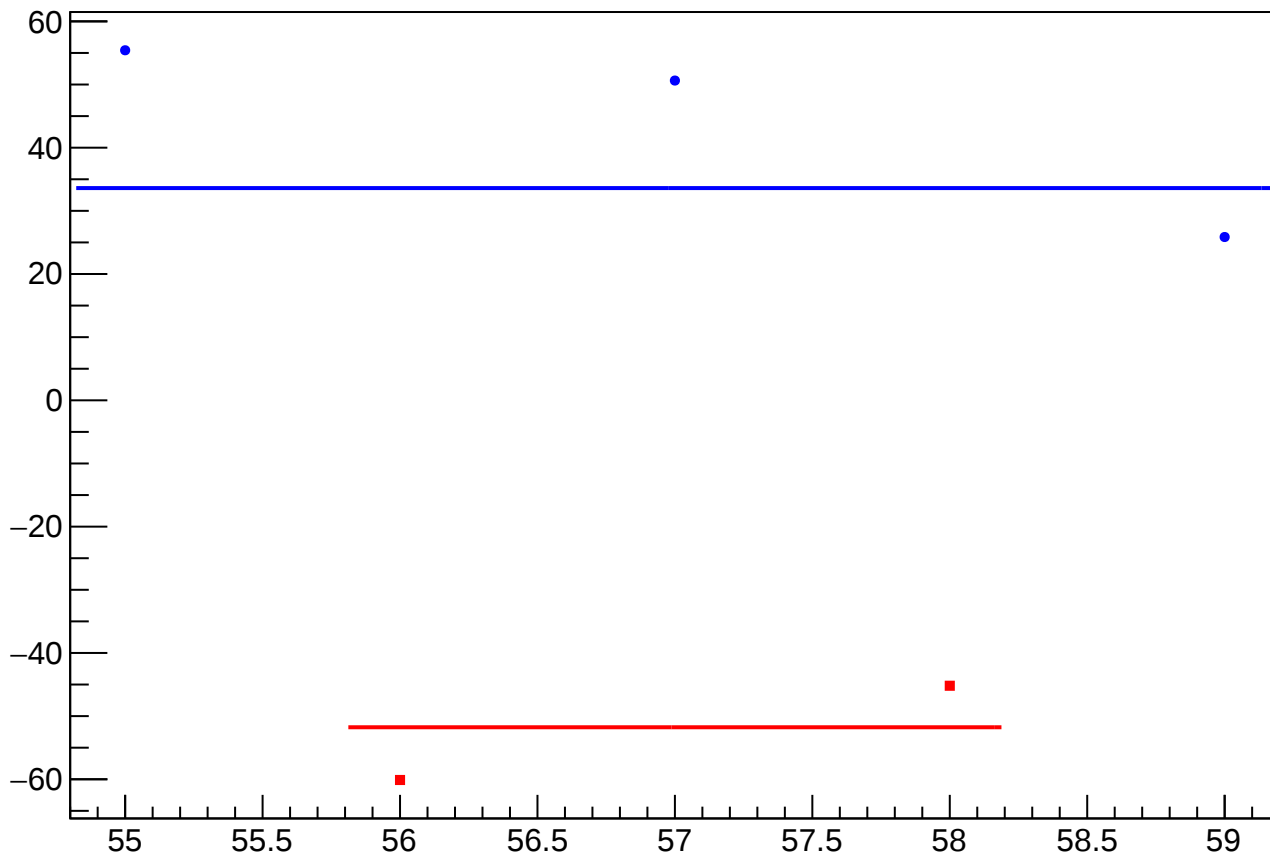
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.055+/-0.465 χ^2 /NDF: 2037.8/4

Right Out: -44.271+/-1.197 χ^2 /NDF: 0.7/1

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

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 33.605+/-0.086 χ^2 /NDF: 20246.8/2

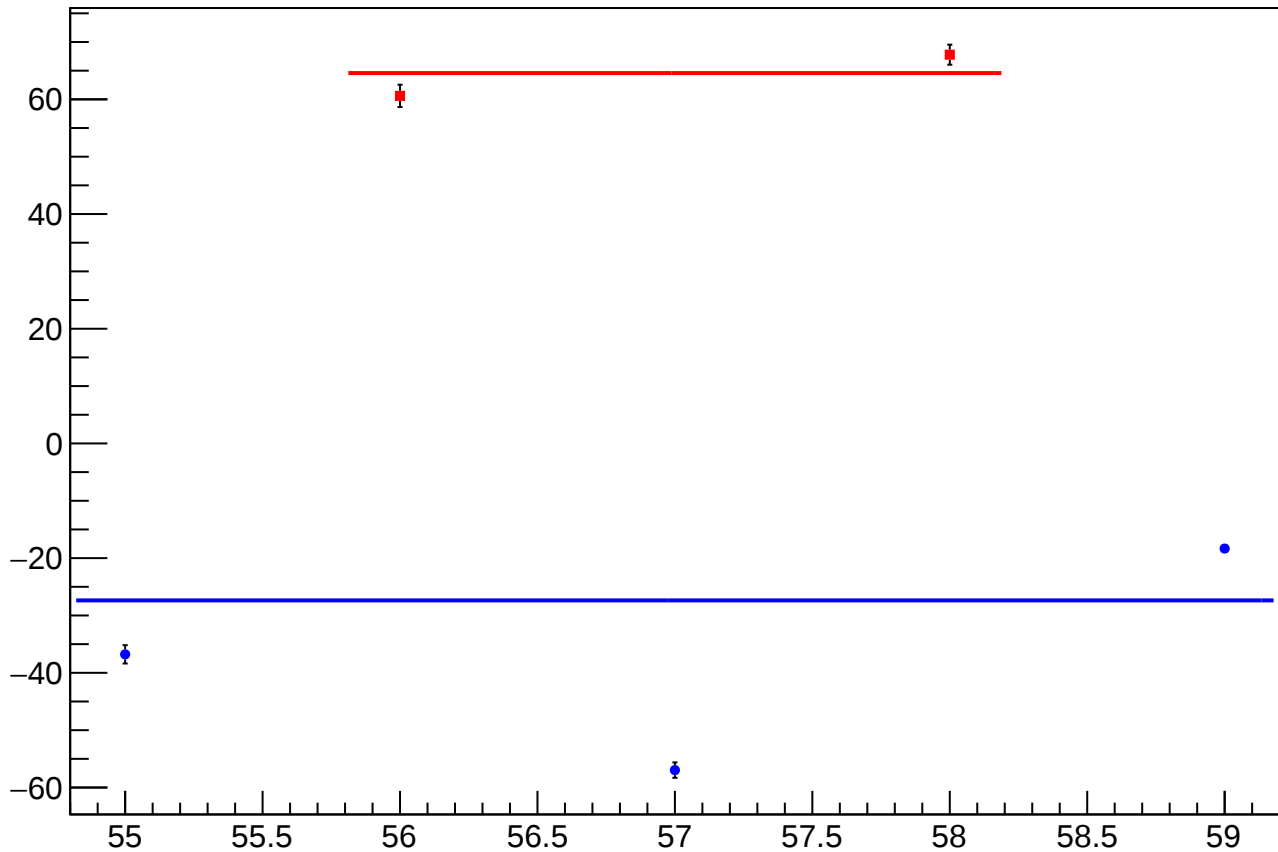
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.230+/-0.078 χ^2 /NDF: 189488.7/4

Right Out: -51.766+/-0.190 χ^2 /NDF: 1518.5/1

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

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -27.369 ± 0.562 χ^2/NDF : 702.2/2

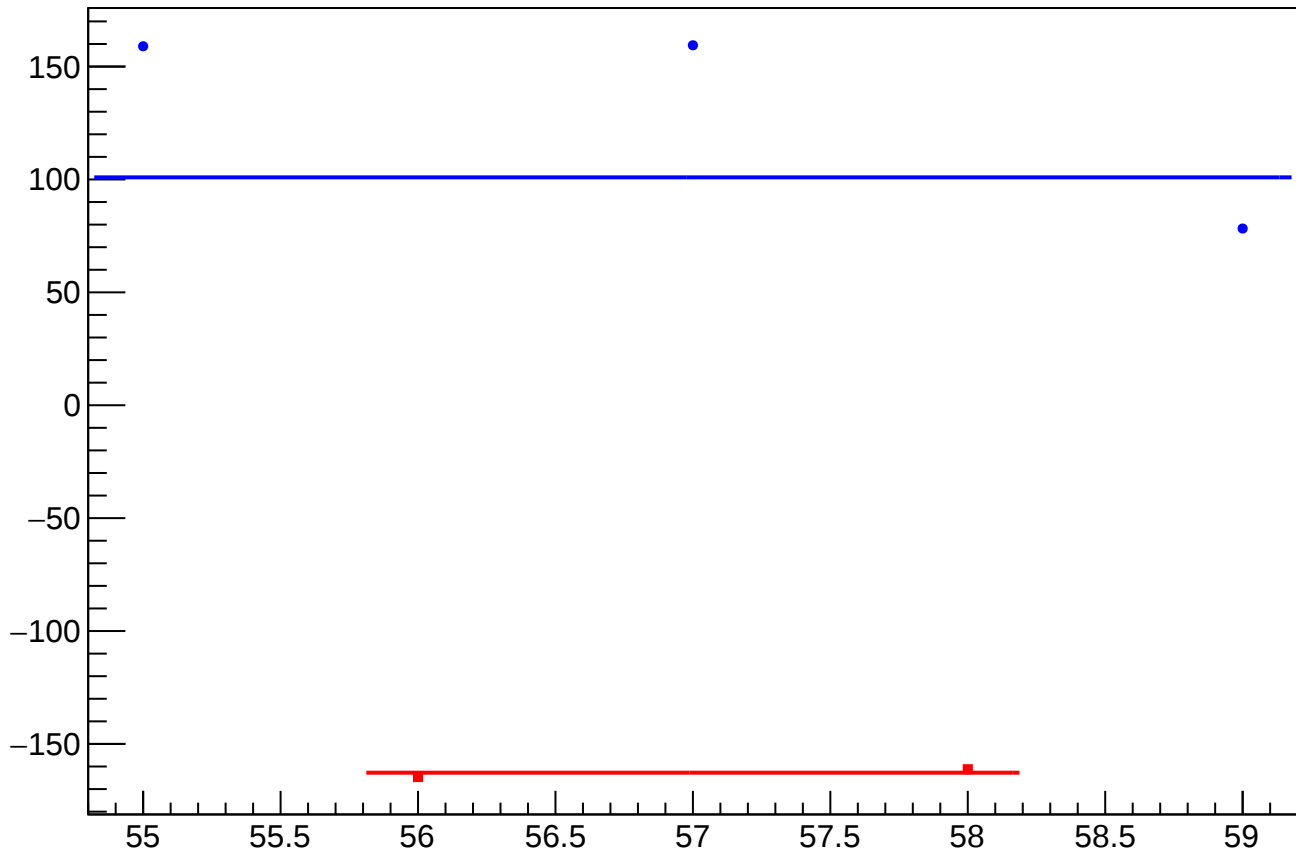
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.908 ± 0.516 χ^2/NDF : 4925.4/4

Right Out: 64.582 ± 1.300 χ^2/NDF : 7.5/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



Right In: 100.928+/-0.107 χ^2/NDF : 114519.7/2

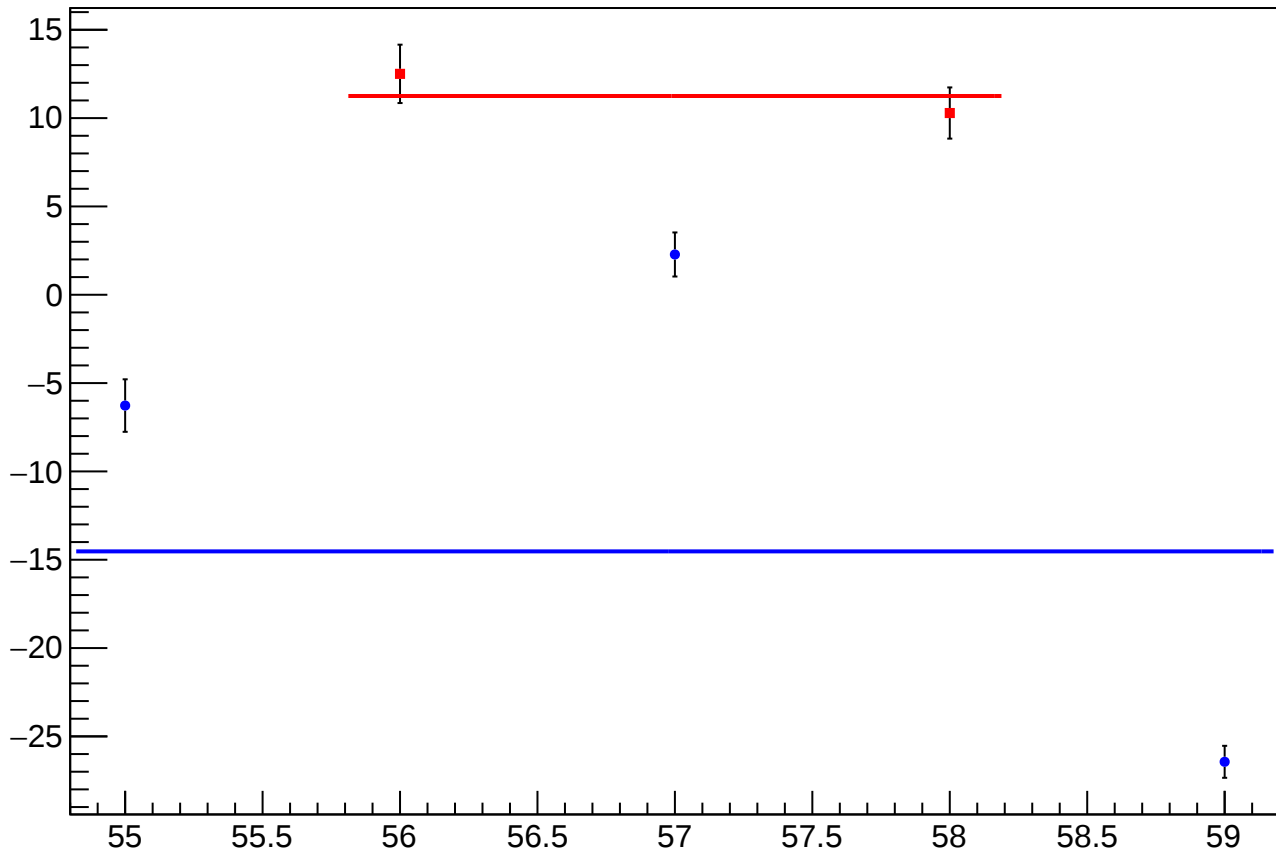
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.550+/-0.098 χ^2/NDF : 1173978.8/4

Right Out: -162.734+/-0.233 χ^2/NDF : 53.9/1

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

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



Right In: -14.527 $\pm$ 0.657 χ^2 /NDF: 385.6/2

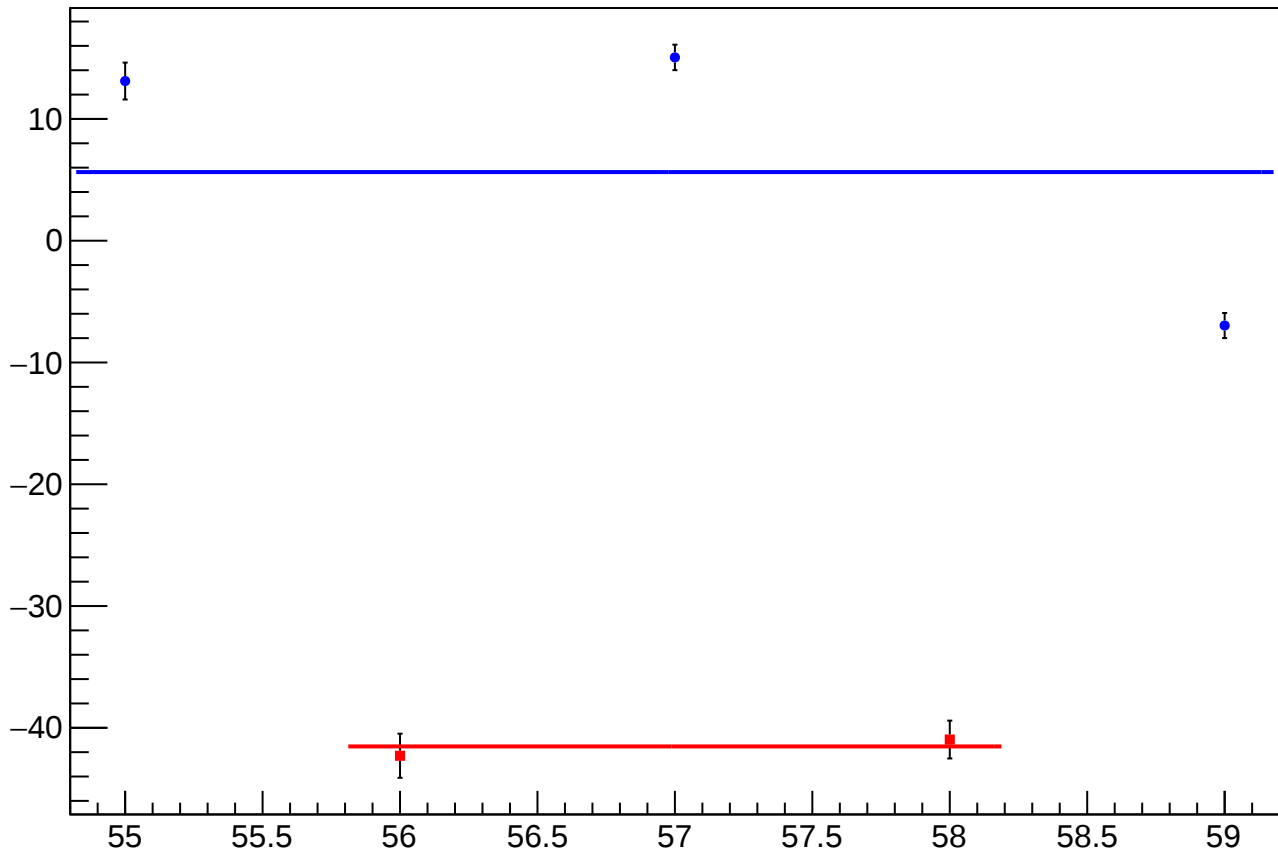
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.252 $\pm$ 1.089 χ^2 /NDF: 1.0/1

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

-7.650 $\pm$ 0.563 χ^2 /NDF: 797.2/4

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



Right In: 5.636 ± 0.661 χ^2/NDF : 254.8/2

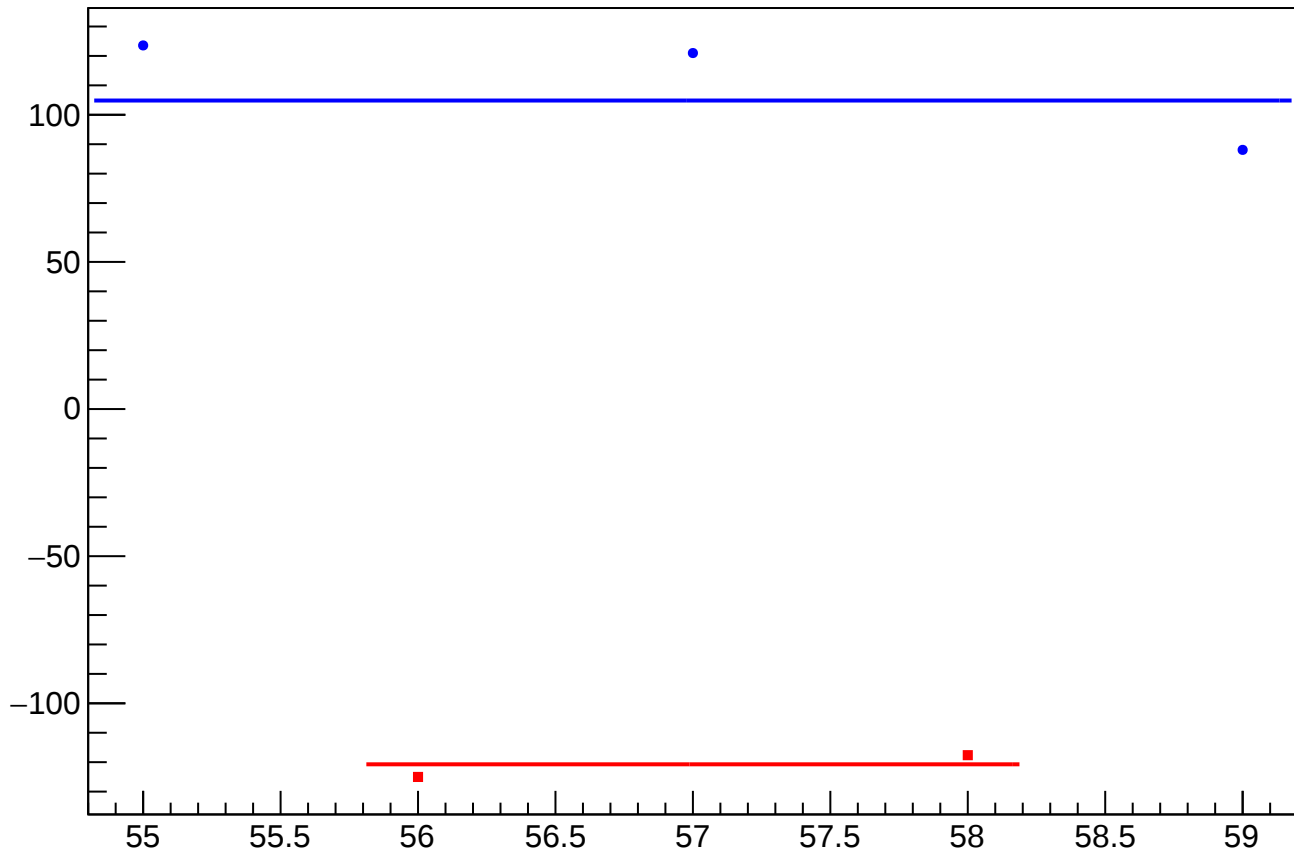
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.529 ± 1.179 χ^2/NDF : 0.3/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.637 ± 0.576 χ^2/NDF : 1473.3/4

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 104.845 $\pm$ 0.116 χ^2 /NDF: 21328.8/2

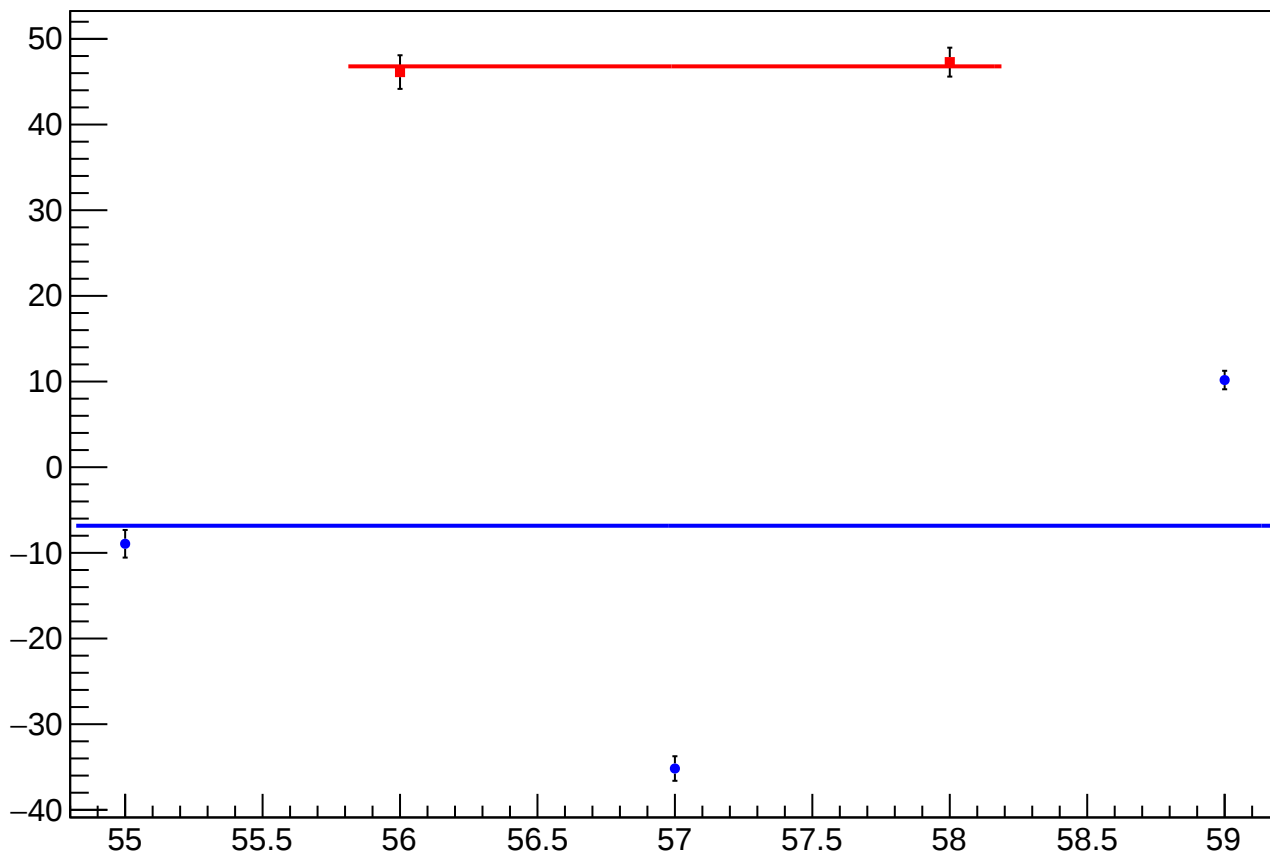
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

41.808 $\pm$ 0.099 χ^2 /NDF: 1069410.7/4

Right Out: -120.727 $\pm$ 0.187 χ^2 /NDF: 380.7/1

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

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: -6.833+/-0.760 χ^2/NDF : 641.0/2

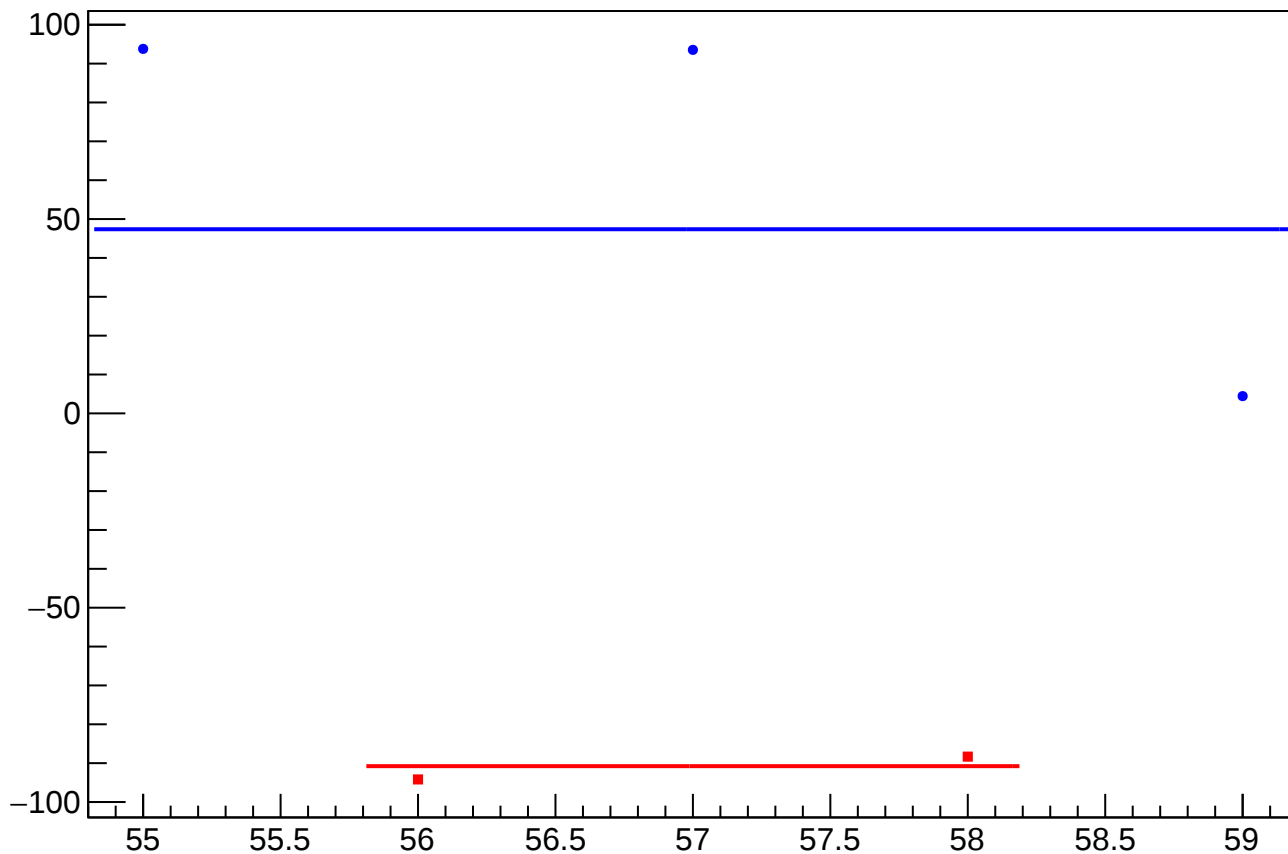
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.145+/-0.654 χ^2/NDF : 1938.2/4

Right Out: 46.793+/-1.280 χ^2/NDF : 0.2/1

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

reg_asym_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



Right In: 47.379+/-0.146 χ^2/NDF : 93594.3/2

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

Right Out: -90.773+/-0.228 χ^2/NDF : 161.2/1

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

7.267+/-0.123 χ^2/NDF : 354806.7/4