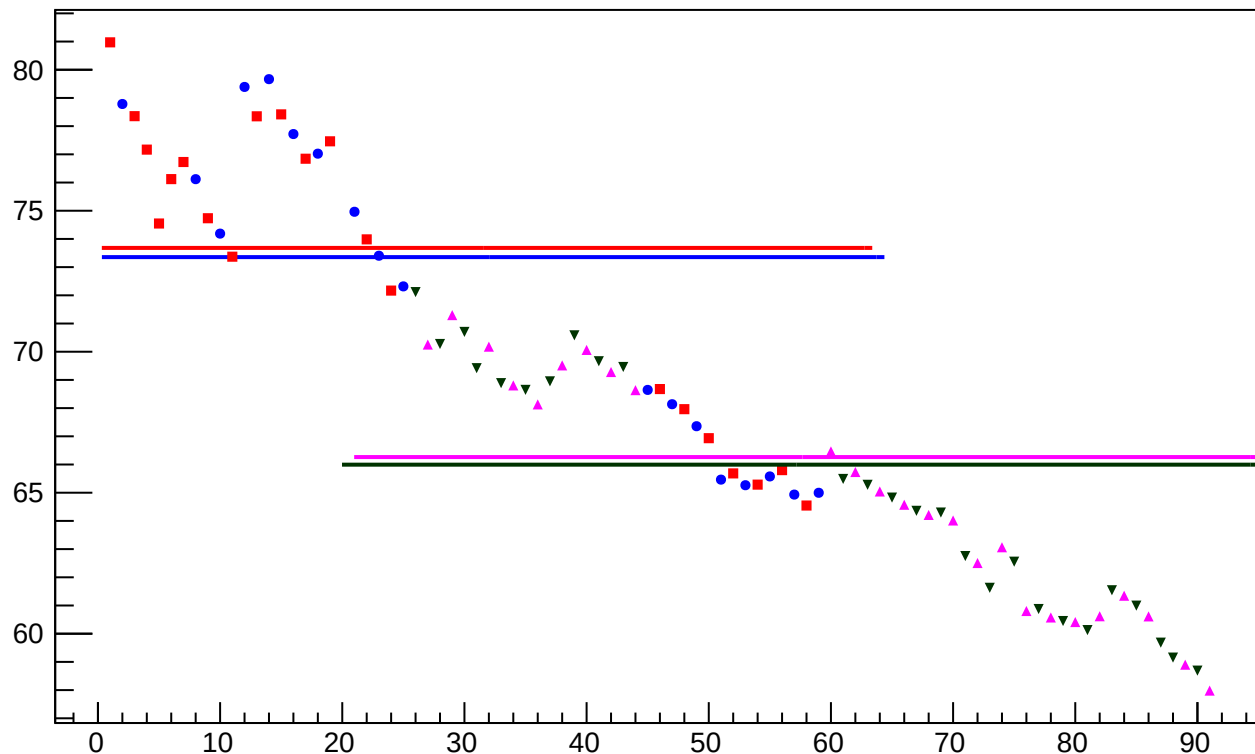


yield_usl_mean vs slug



Right In: 73.355+/-0.000

χ^2/NDF : 14380987675.9/17

69.590+/-0.000

χ^2/NDF : 37943730631.4/43

Left Out: 65.995+/-0.000

χ^2/NDF : 9229373340.0/25

Right Out: 73.682+/-0.000

χ^2/NDF : 9535699790.1/20

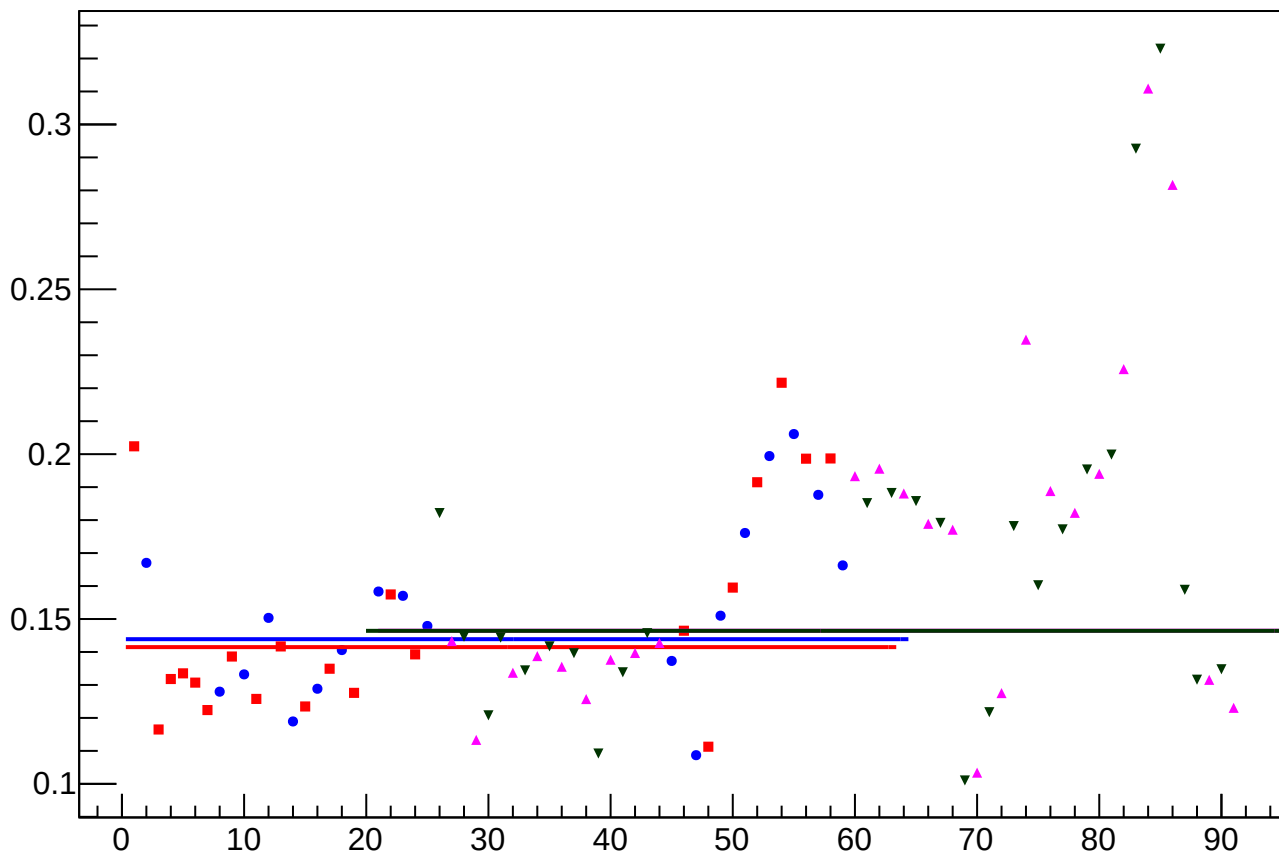
69.581+/-0.000

χ^2/NDF : 34136033291.8/45

Left In: 66.264+/-0.000

χ^2/NDF : 10389223809.0/24

yield_usl_rms vs slug



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

Left Out: 0.146+/-0.000 χ^2/NDF :1379407.6/25

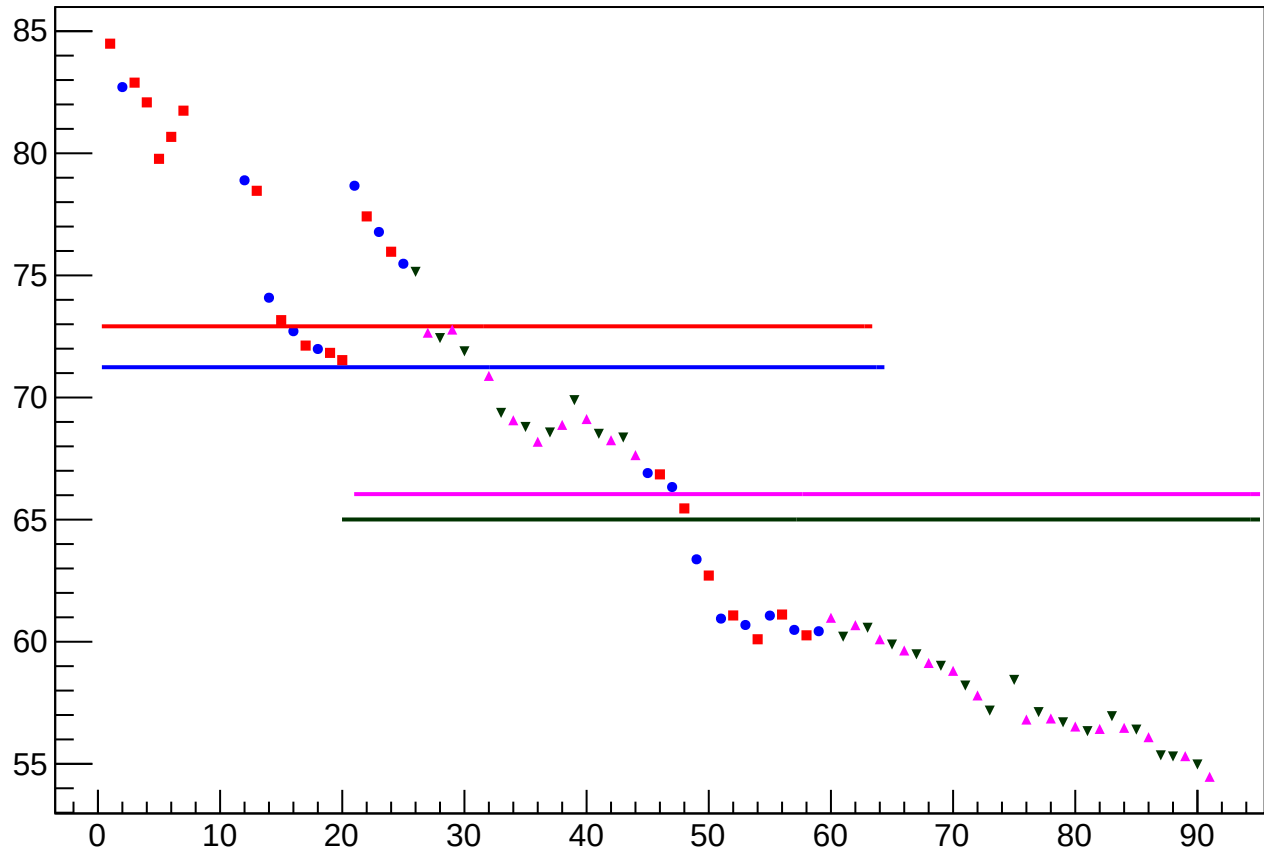
Right Out: 0.141+/-0.000 χ^2/NDF : 661336.5/20

Left In: 0.146+/-0.000 χ^2/NDF :1597775.0/24

0.145+/-0.000 χ^2/NDF : 1944666.9/43

0.144+/-0.000 χ^2/NDF : 2271892.4/45

yield_usr_mean vs slug



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

Left Out: 65.006+/-0.000 χ^2/NDF : 43709989176.0/24

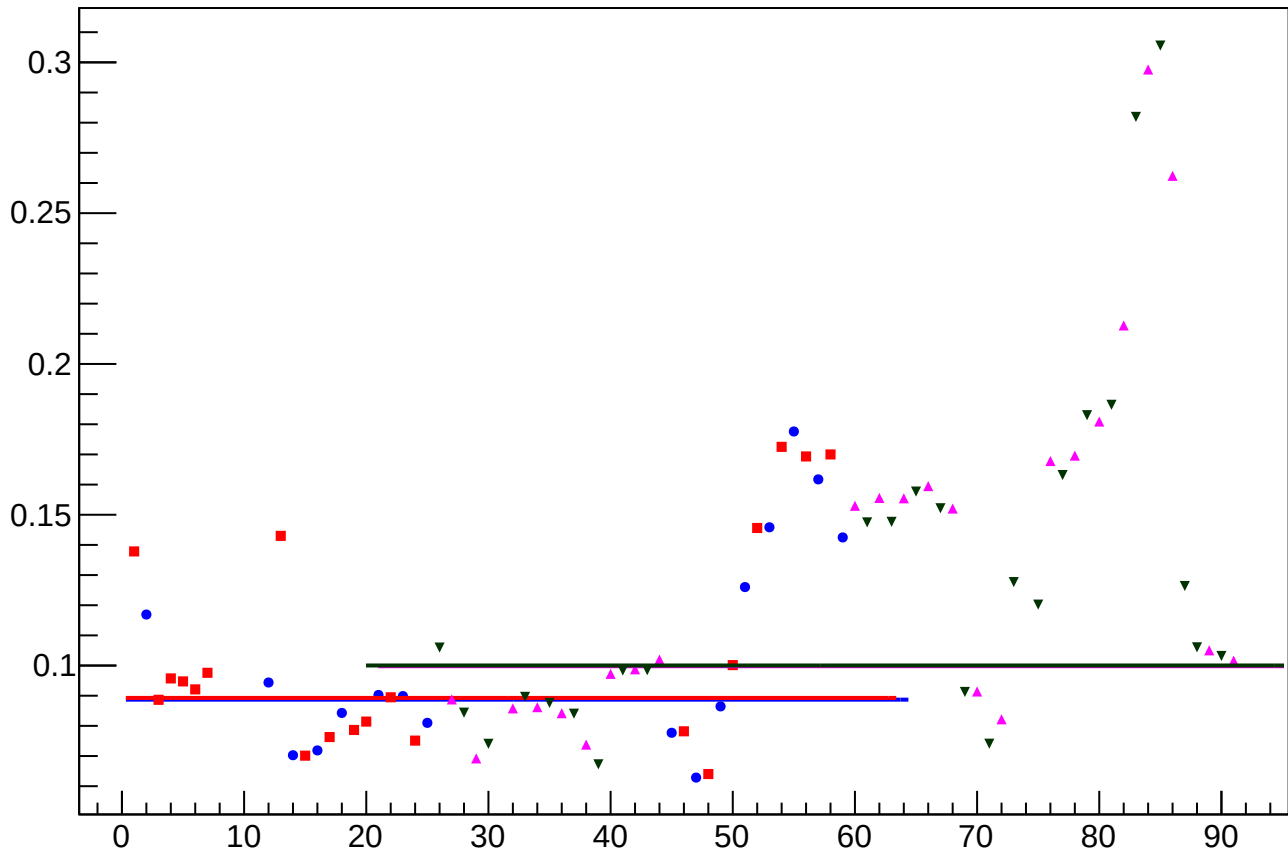
Right Out: 72.915+/-0.000 χ^2/NDF : 43881773693.5/19

Left In: 66.045+/-0.000 χ^2/NDF : 44115033599.5/23

68.149+/-0.000 χ^2/NDF : 108913559089.0/40

69.257+/-0.000 χ^2/NDF : 112387269653.7/43

yield_usr_rms vs slug



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

Left Out: 0.100+/-0.000 χ^2/NDF : 2539022.2/24

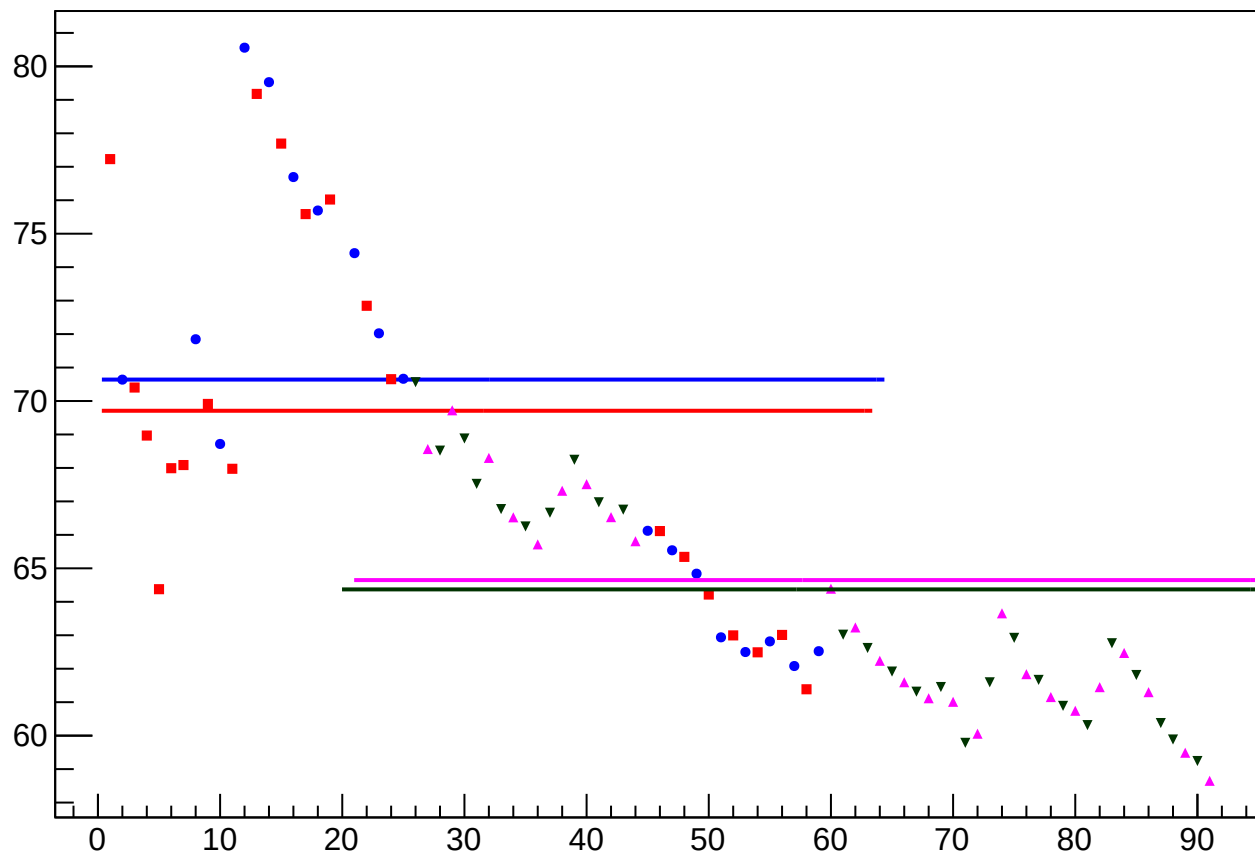
0.094+/-0.000 χ^2/NDF : 4014643.5/40

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

0.095+/-0.000 χ^2/NDF : 4326756.9/43

Left In: 0.100+/-0.000 χ^2/NDF : 2871059.4/23

yield_dsl_mean vs slug



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

Left Out: 64.370+/-0.000 χ^2/NDF : 6226081534.0/25

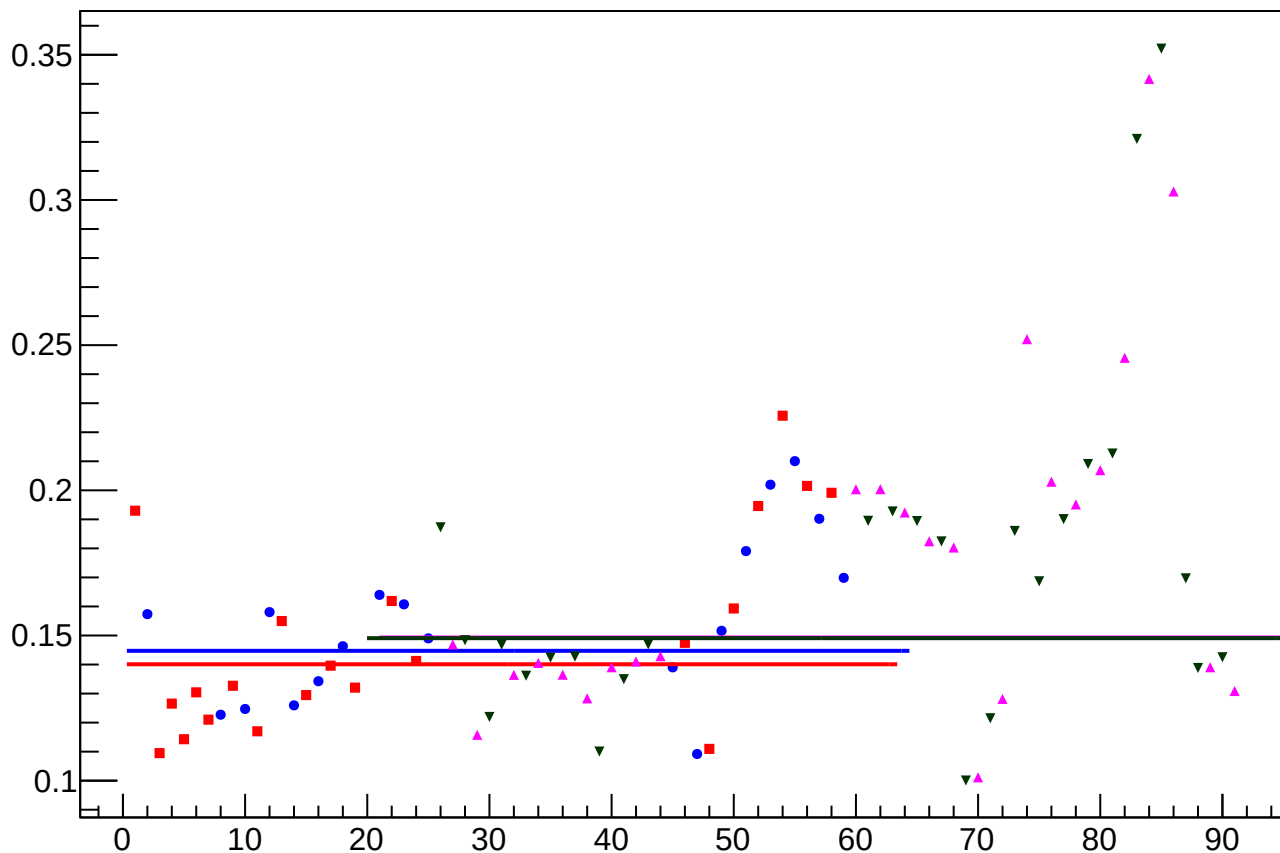
Right Out: 69.709+/-0.000 χ^2/NDF : 10536345356.4/20

Left In: 64.649+/-0.000 χ^2/NDF : 7098803311.5/24

67.481+/-0.000 χ^2/NDF : 33616906533.8/43

66.988+/-0.000 χ^2/NDF : 24163601268.7/45

yield_dsl_rms vs slug



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

Left Out: 0.149+/-0.000 χ^2/NDF : 1580389.2/25

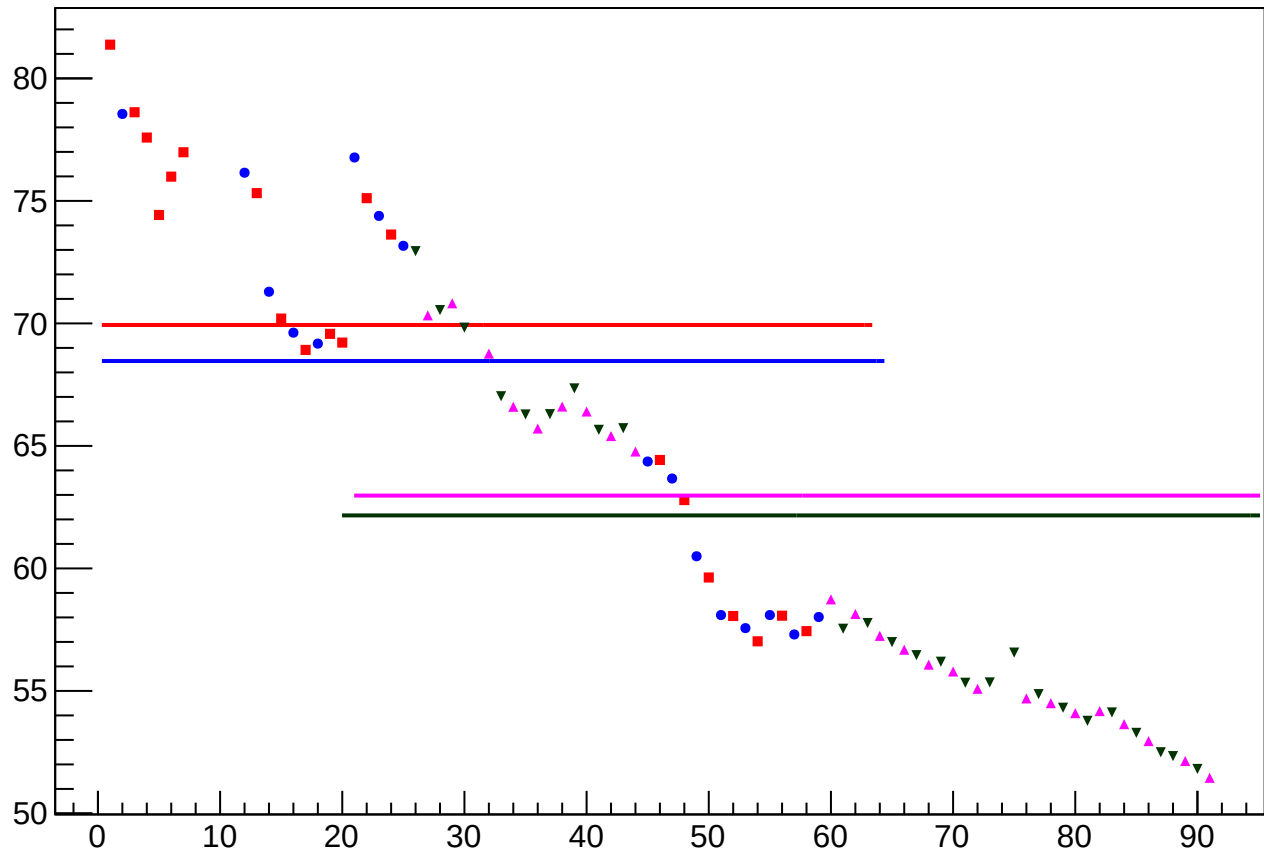
Right Out: 0.140+/-0.000 χ^2/NDF : 741515.2/20

Left In: 0.149+/-0.000 χ^2/NDF : 1821954.7/24

0.147+/-0.000 χ^2/NDF : 2171775.2/43

0.145+/-0.000 χ^2/NDF : 2606890.1/45

yield_dsr_mean vs slug



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

Left Out: 62.164+/-0.000 χ^2/NDF : 50786957590.4/24

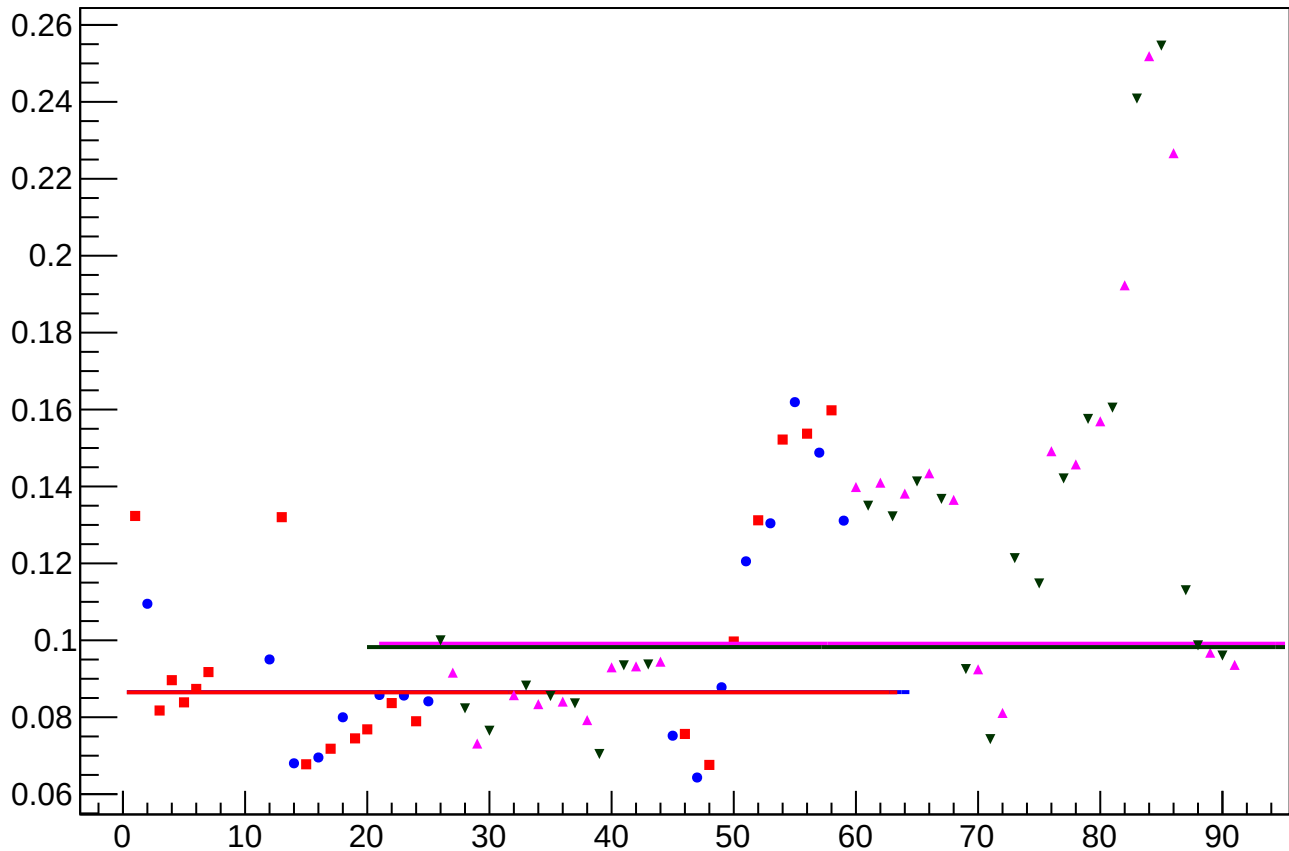
65.340+/-0.000 χ^2/NDF : 121306185080.7/40

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

66.280+/-0.000 χ^2/NDF : 121386487968.6/43

Left In: 62.972+/-0.000 χ^2/NDF : 51549628130.8/23

yield_dsr_rms vs slug



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

Left Out: 0.098+/-0.000 χ^2/NDF :1915722.2/24

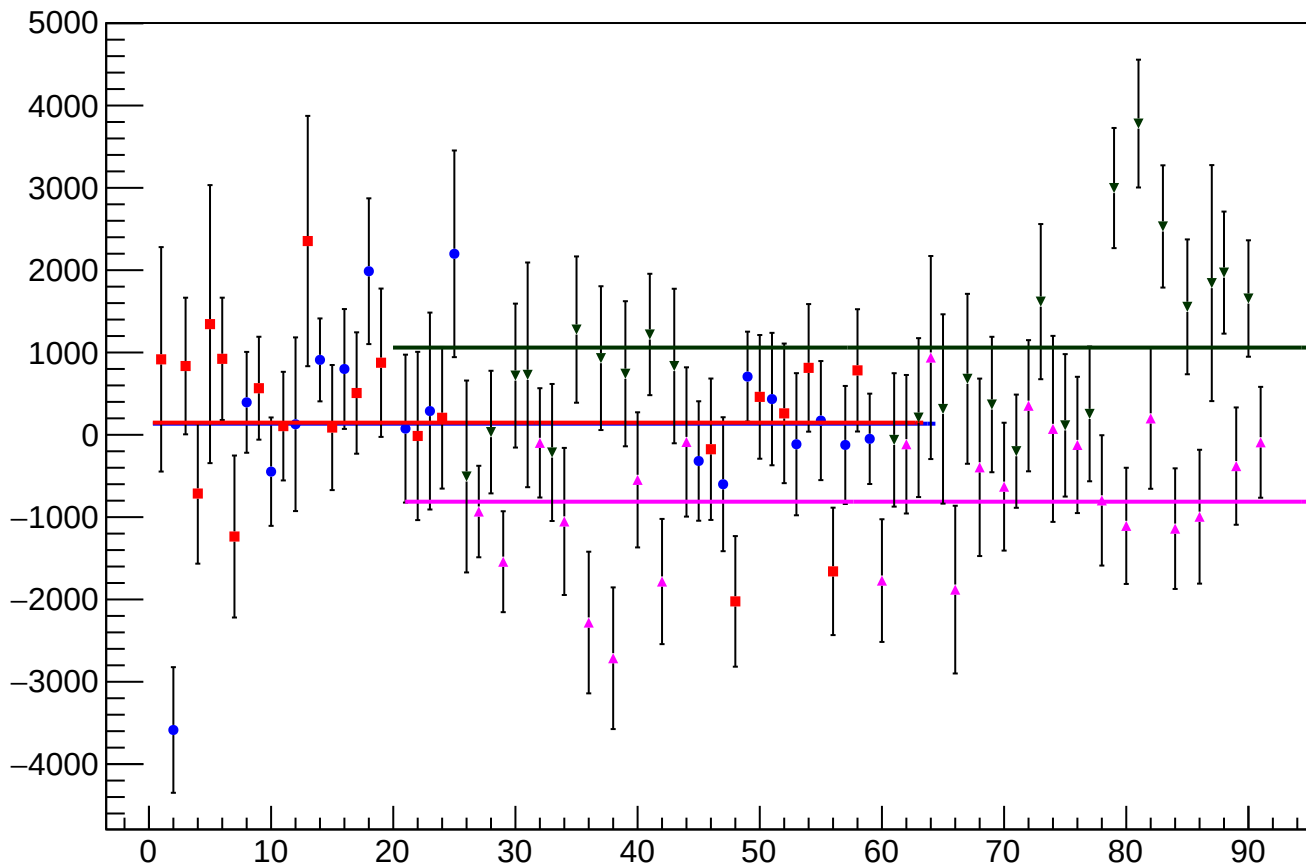
Right Out: 0.086+/-0.000 χ^2/NDF : 1133224.2/19

Left In: 0.099+/-0.000 χ^2/NDF :2123562.1/23

0.092+/-0.000 χ^2/NDF : 3221376.7/40

0.093+/-0.000 χ^2/NDF : 3432278.4/43

asym_usl_mean vs slug



Right In: 135.111 ± 171.265 χ^2/NDF : 37.8/17

Left Out: 1059.740 ± 167.477 χ^2/NDF : 42.5/25

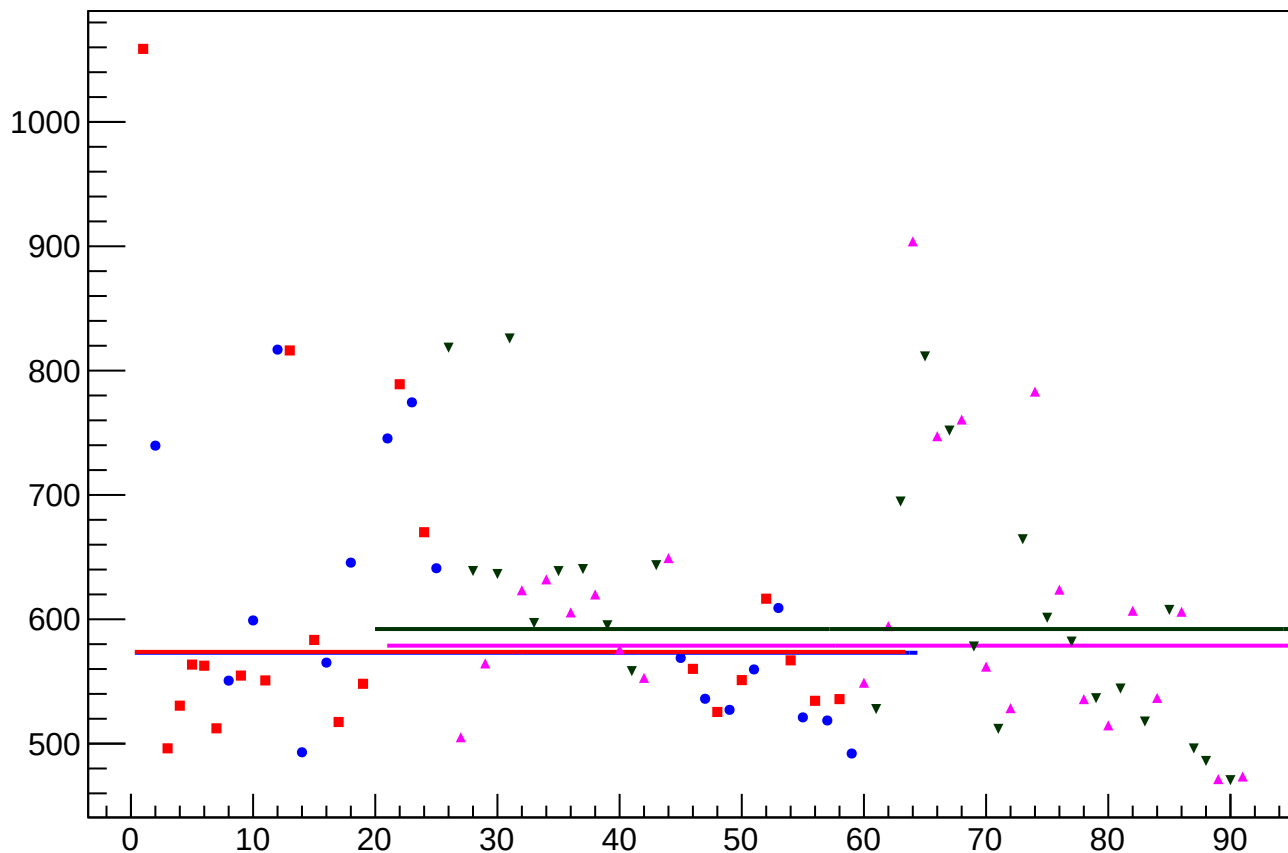
Right Out: 147.718 ± 181.905 χ^2/NDF : 23.8/20

Left In: -812.442 ± 157.630 χ^2/NDF : 25.3/24

607.765 ± 119.741 χ^2/NDF : 95.2/43

-400.657 ± 119.126 χ^2/NDF : 65.0/45

asym_usl_rms vs slug



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

Left Out: 592.159+/-0.118 χ^2/NDF : 513753.8/25

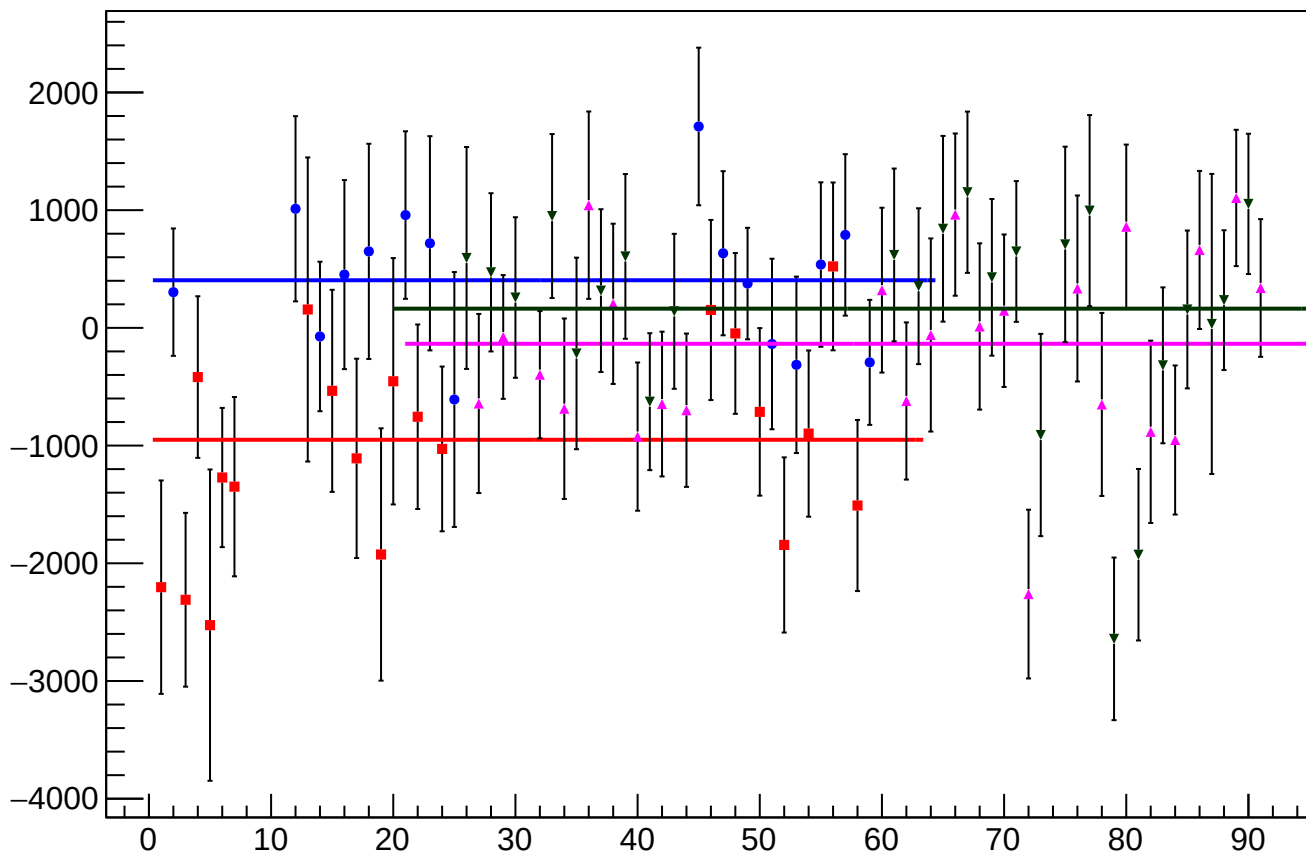
Right Out: 573.801+/-0.129 χ^2/NDF : 491985.4/20

Left In: 578.799+/-0.111 χ^2/NDF : 535646.7/24

582.838+/-0.085 χ^2/NDF : 1022560.6/43

576.656+/-0.084 χ^2/NDF : 1028494.6/45

asym_usr_mean vs slug



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

Left Out: 163.229 ± 140.772 χ^2/NDF : 38.9/24

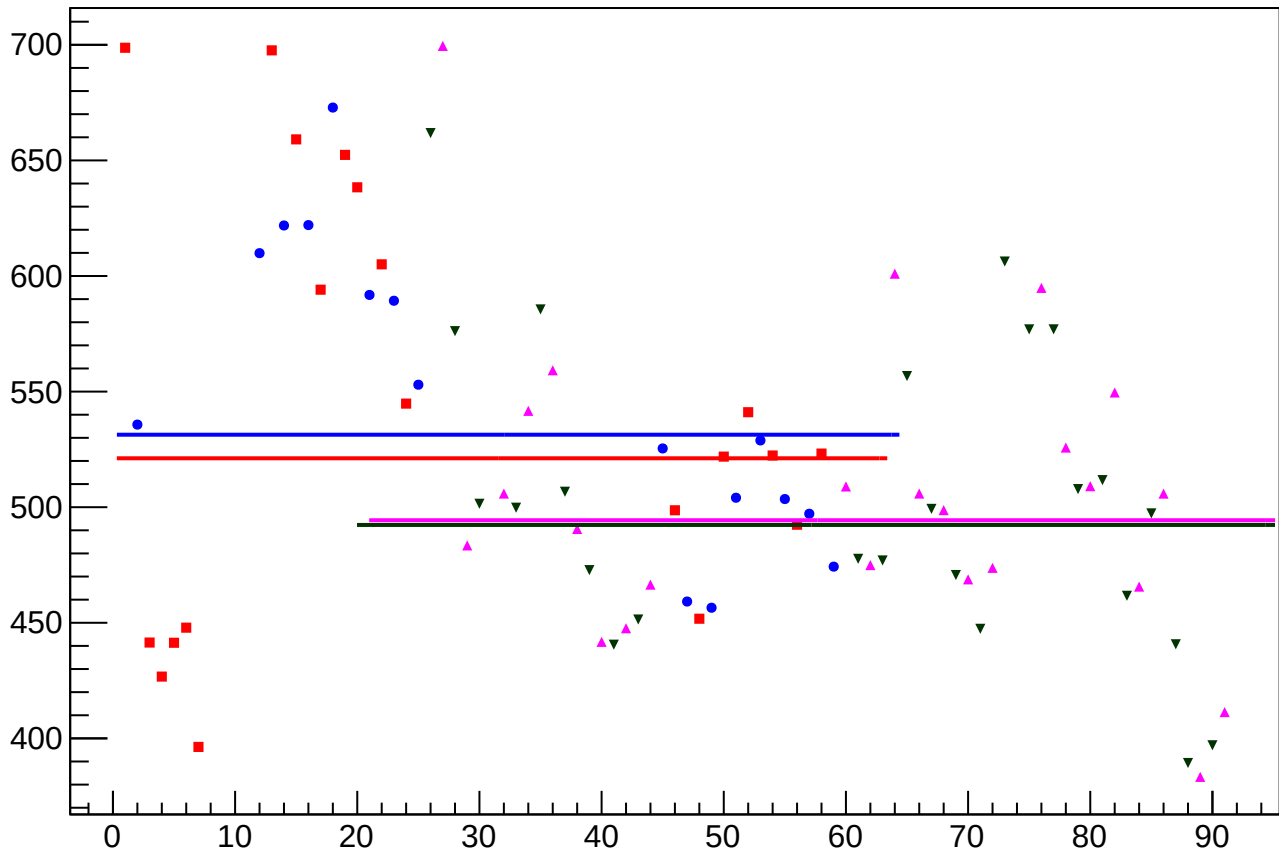
Right Out: -950.591 ± 175.054 χ^2/NDF : 20.3/19

Left In: -135.101 ± 136.670 χ^2/NDF : 31.3/23

261.098 ± 108.520 χ^2/NDF : 50.4/40

-443.931 ± 107.727 χ^2/NDF : 65.0/43

asym_usr_rms vs slug



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

Left Out: 492.321+/-0.100 χ^2/NDF :376461.5/24

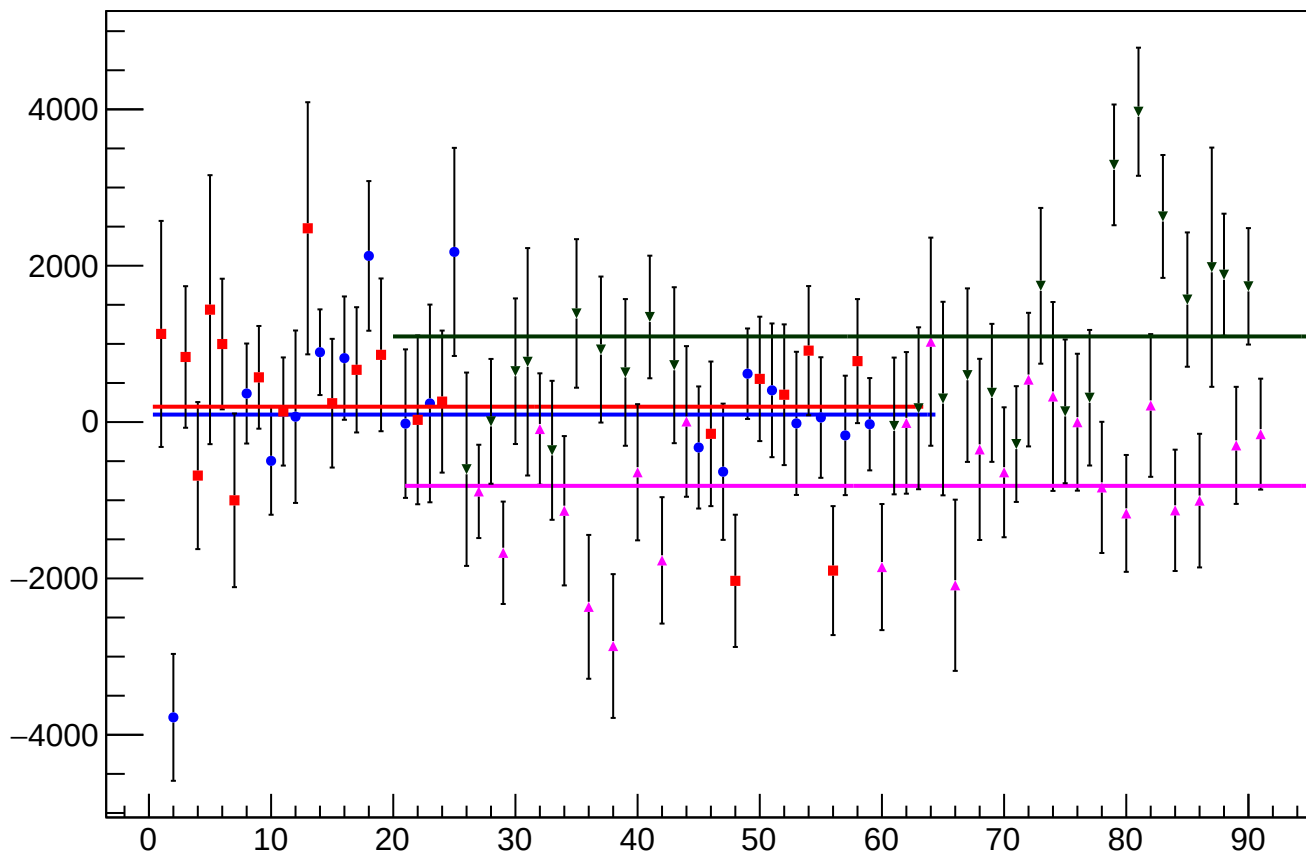
Right Out: 521.154+/-0.124 χ^2/NDF : 440802.1/19

Left In: 494.356+/-0.097 χ^2/NDF :404236.6/23

508.158+/-0.077 χ^2/NDF : 701943.7/40

504.505+/-0.076 χ^2/NDF : 874158.4/43

asym_dsl_mean vs slug



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

Left Out: 1095.249 ± 178.224 χ^2/NDF : 43.5/25

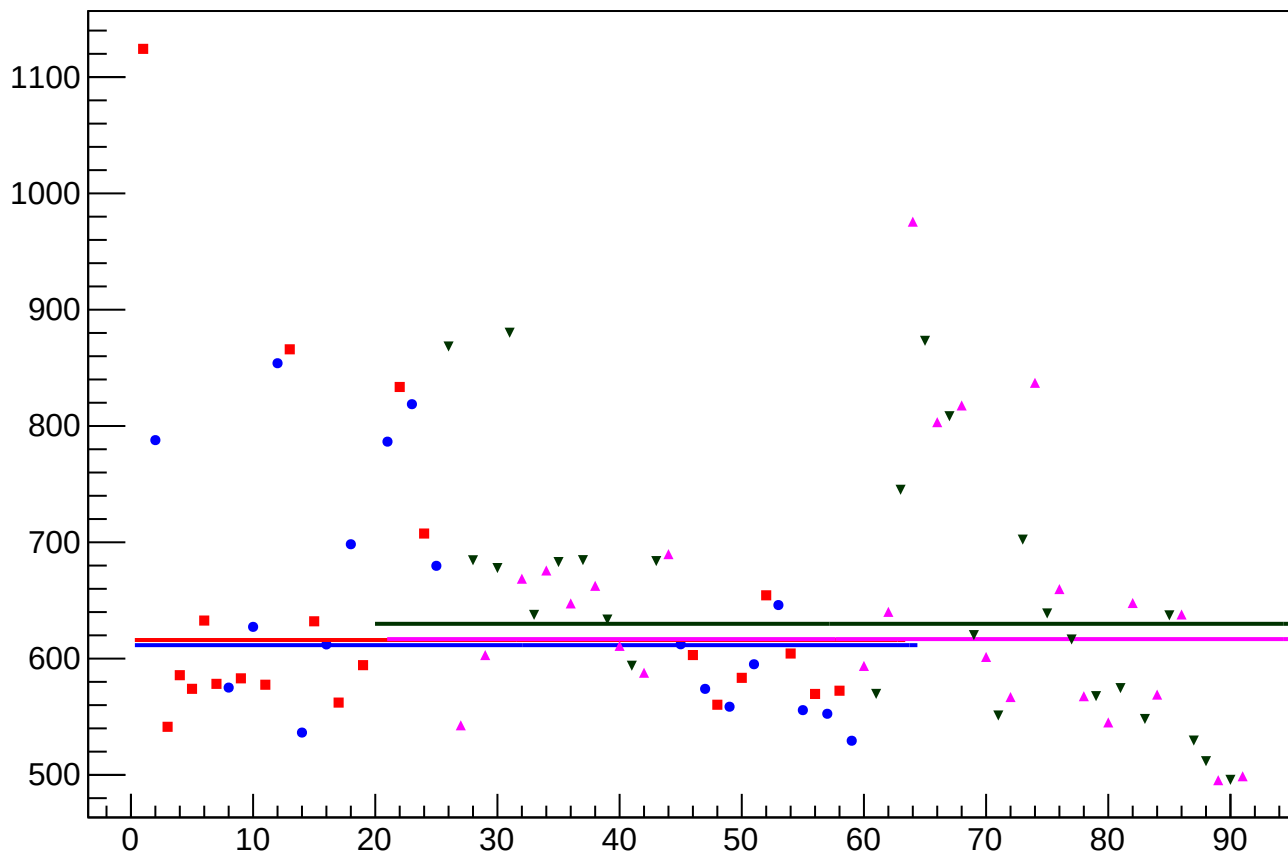
Right Out: 196.662 ± 195.140 χ^2/NDF : 22.6/20

Left In: -815.727 ± 168.034 χ^2/NDF : 26.1/24

607.698 ± 127.548 χ^2/NDF : 94.5/43

-384.674 ± 127.332 χ^2/NDF : 64.2/45

asym_dsl_rms vs slug



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

Left Out: 629.917+/-0.126 χ^2/NDF :532248.5/25

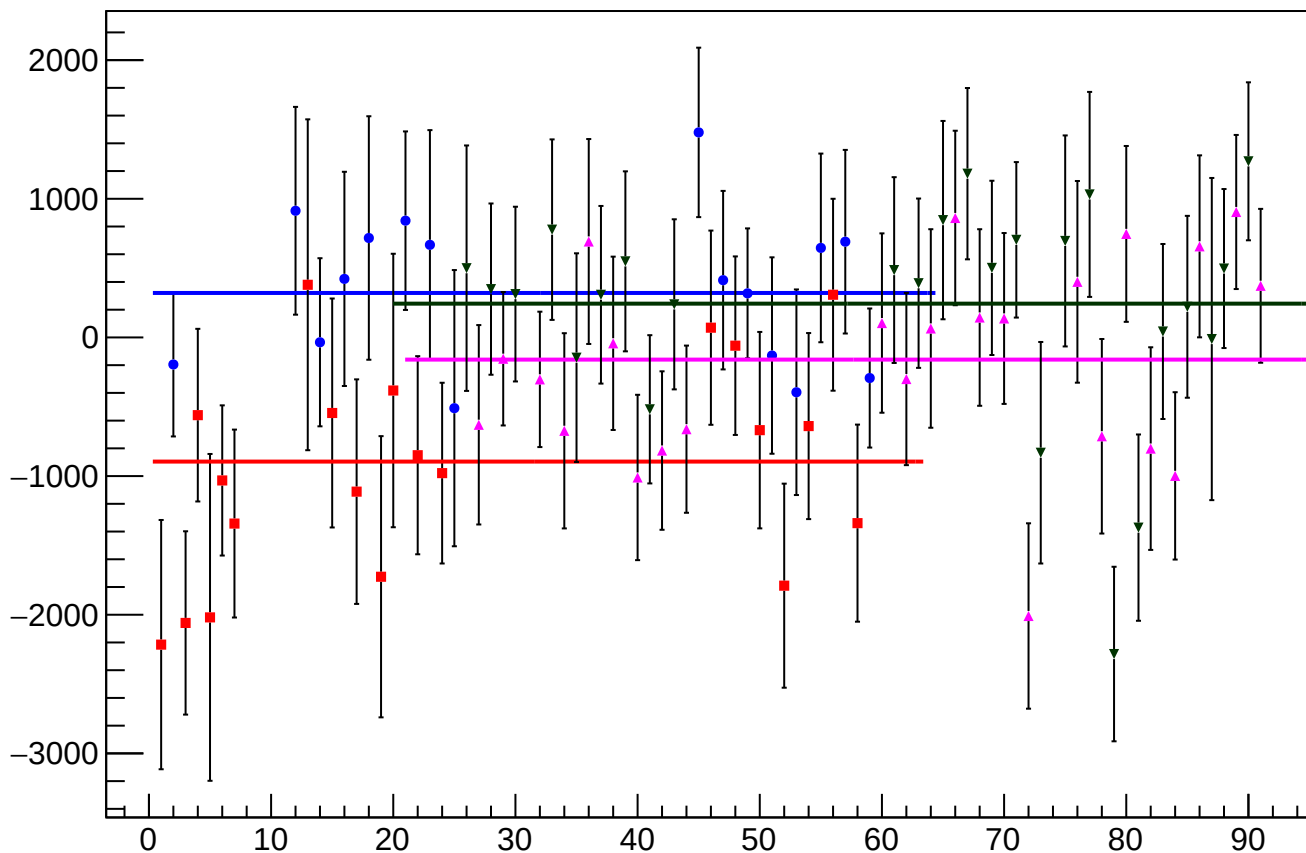
Right Out: 615.990+/-0.138 χ^2/NDF : 467556.9/20

Left In: 616.772+/-0.119 χ^2/NDF :560840.9/24

620.963+/-0.090 χ^2/NDF : 1007320.2/43

616.439+/-0.090 χ^2/NDF : 1028416.2/45

asym_dsr_mean vs slug



Right In: 320.782 ± 162.335 χ^2/NDF : 10.7/15

Left Out: 243.674 ± 131.001 χ^2/NDF : 36.2/24

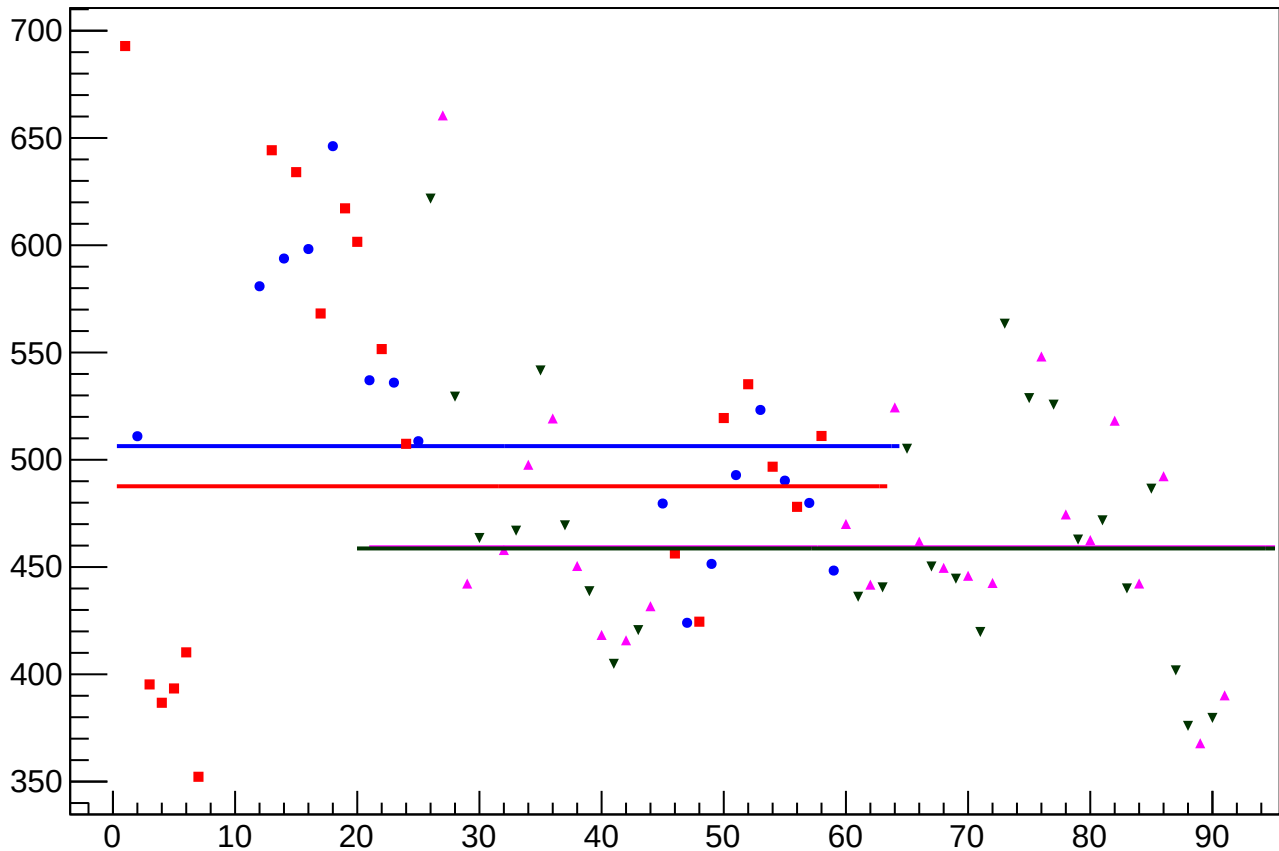
Right Out: -895.376 ± 164.398 χ^2/NDF : 18.0/19

Left In: -159.902 ± 126.882 χ^2/NDF : 29.6/23

274.084 ± 101.947 χ^2/NDF : 47.0/40

-434.458 ± 100.445 χ^2/NDF : 60.2/43

asym_dsr_rms vs slug



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

Left Out: 458.666+/-0.093 χ^2/NDF : 331621.6/24

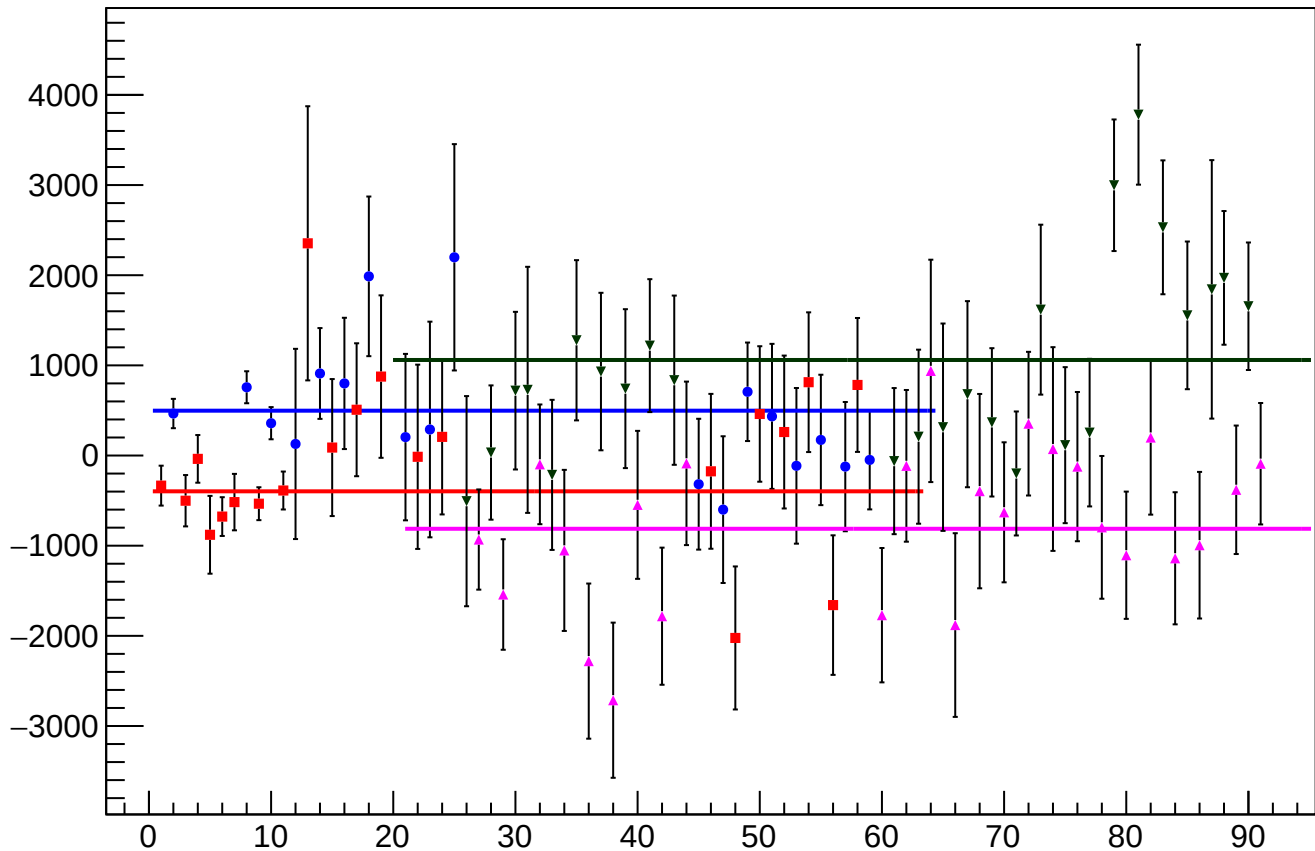
Right Out: 487.650+/-0.116 χ^2/NDF : 562242.5/19

Left In: 459.227+/-0.090 χ^2/NDF : 360853.4/23

477.479+/-0.072 χ^2/NDF : 680756.3/40

469.837+/-0.071 χ^2/NDF : 960561.7/43

cor_usl_mean vs slug



Right In: 497.394+/-88.281 χ^2/NDF : 14.2/17

Left Out: 1059.740+/-167.477 χ^2/NDF :42.5/25

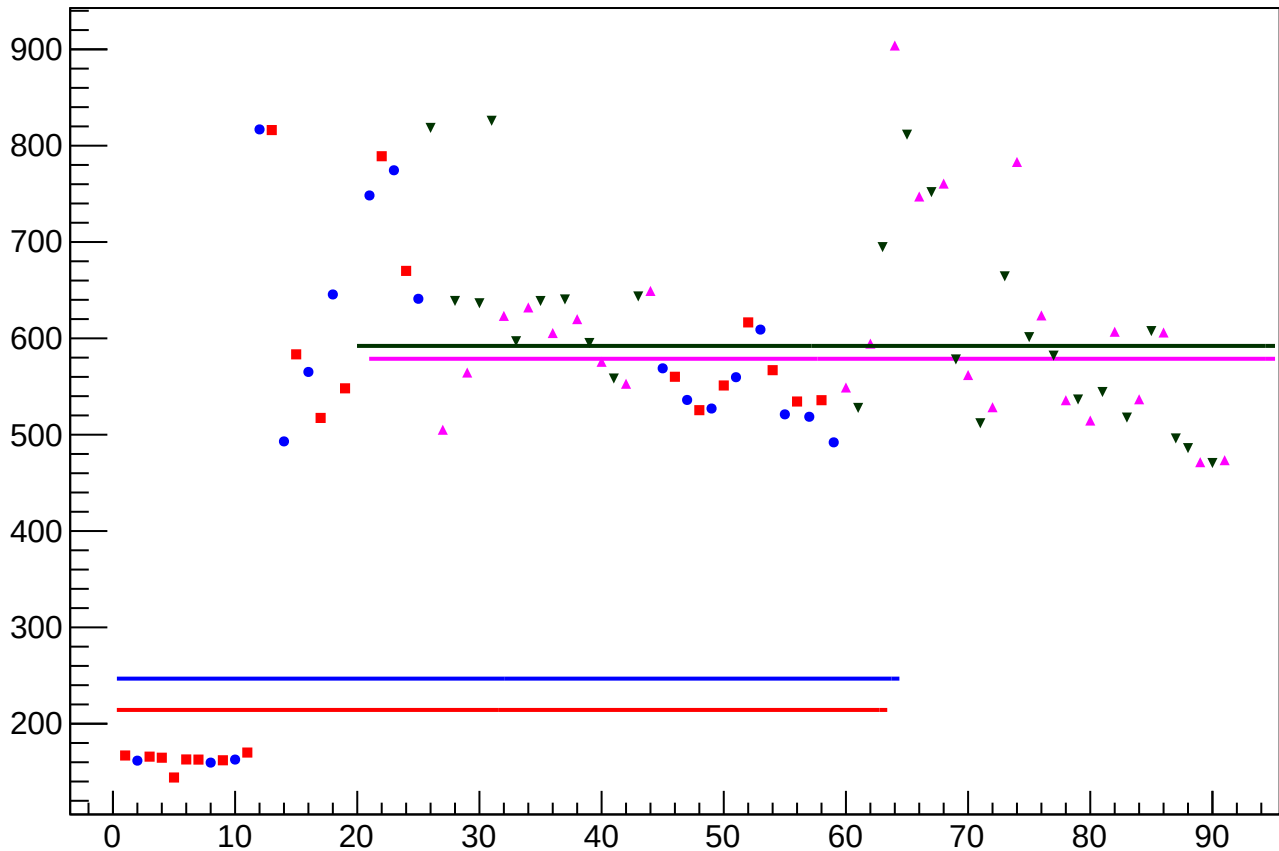
619.671+/-78.095 χ^2/NDF : 65.6/43

Right Out: -397.042+/-80.131 χ^2/NDF : 27.3/20

-482.346+/-71.432 χ^2/NDF : 58.2/45

Left In: -812.442+/-157.630 χ^2/NDF :25.3/24

cor_usl_rms vs slug



Right In: 246.805 $\pm$ 0.062 χ^2 /NDF: 7304802.5/17

Left Out: 592.159 $\pm$ 0.118 χ^2 /NDF: 513753.8/25

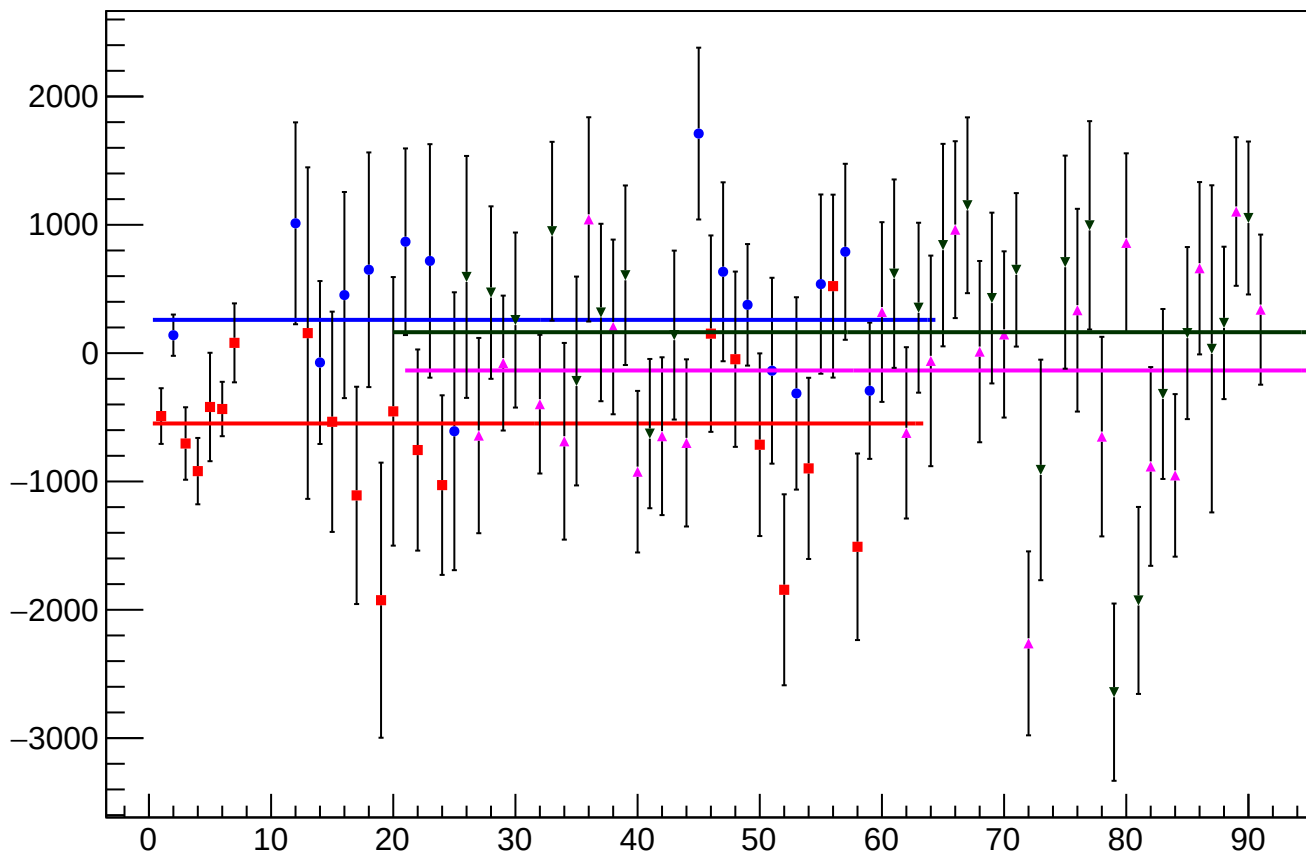
321.899 $\pm$ 0.055 χ^2 /NDF: 14473822.8/43

Right Out: 214.303 $\pm$ 0.057 χ^2 /NDF: 5900736.7/20

289.153 $\pm$ 0.051 χ^2 /NDF: 14934266.7/45

Left In: 578.799 $\pm$ 0.111 χ^2 /NDF: 535646.7/24

cor_usr_mean vs slug



Right In: 259.305 ± 119.836 χ^2/NDF : 11.4/15

Left Out: 163.229 ± 140.772 χ^2/NDF : 38.9/24

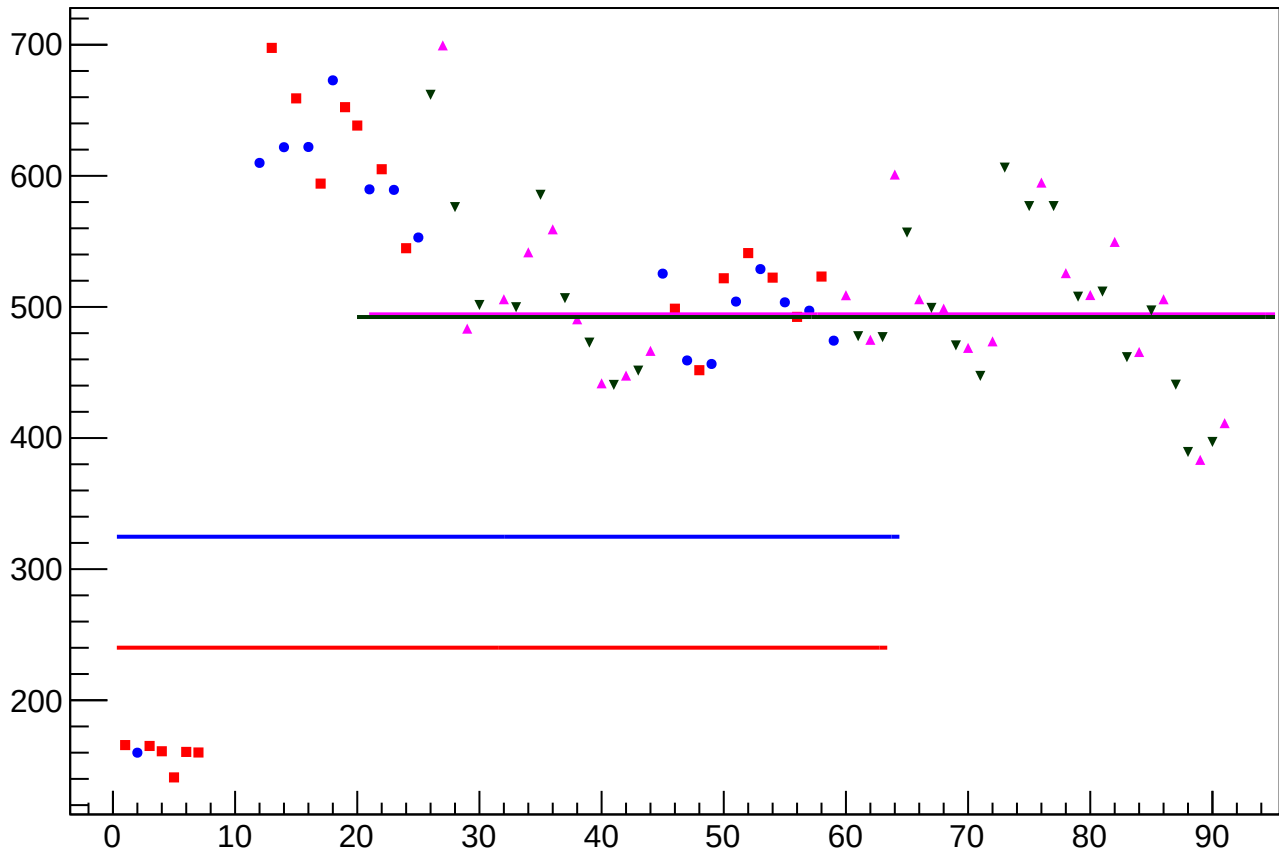
Right Out: -548.118 ± 95.577 χ^2/NDF : 18.6/19

Left In: -135.101 ± 136.670 χ^2/NDF : 31.3/23

218.936 ± 91.250 χ^2/NDF : 50.5/40

-412.469 ± 78.325 χ^2/NDF : 56.0/43

cor_usr_rms vs slug



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

Left Out: 492.321 $\pm$ 0.100 χ^2 /NDF:376461.5/24

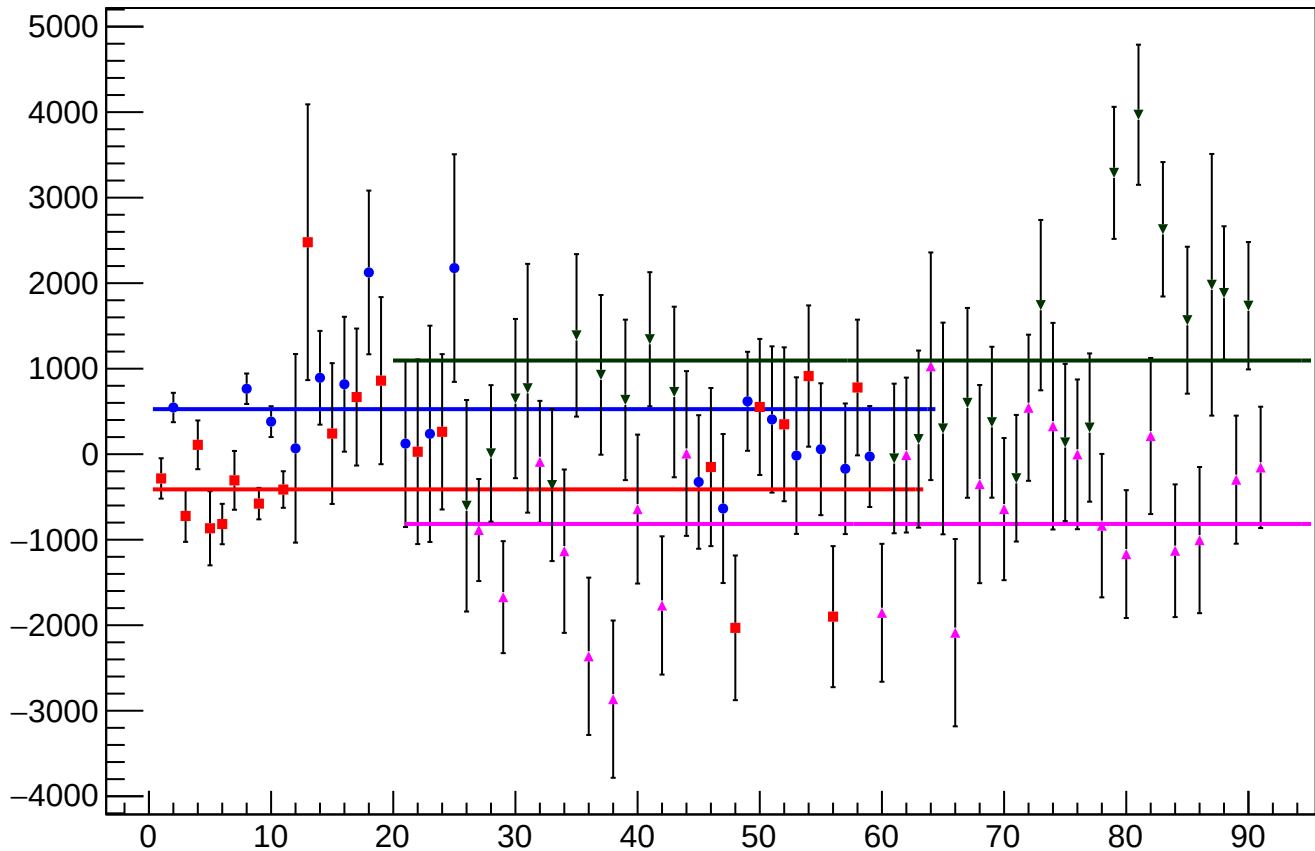
Right Out: 240.094 $\pm$ 0.068 χ^2 /NDF: 5499095.8/19

Left In: 494.356 $\pm$ 0.097 χ^2 /NDF:404236.6/23

395.147 $\pm$ 0.065 χ^2 /NDF: 7004235.4/40

323.602 $\pm$ 0.055 χ^2 /NDF: 10552052.2/43

cor_dsl_mean vs slug



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

Left Out: 1095.249 +/- 178.224 χ^2/NDF : 43.5/25

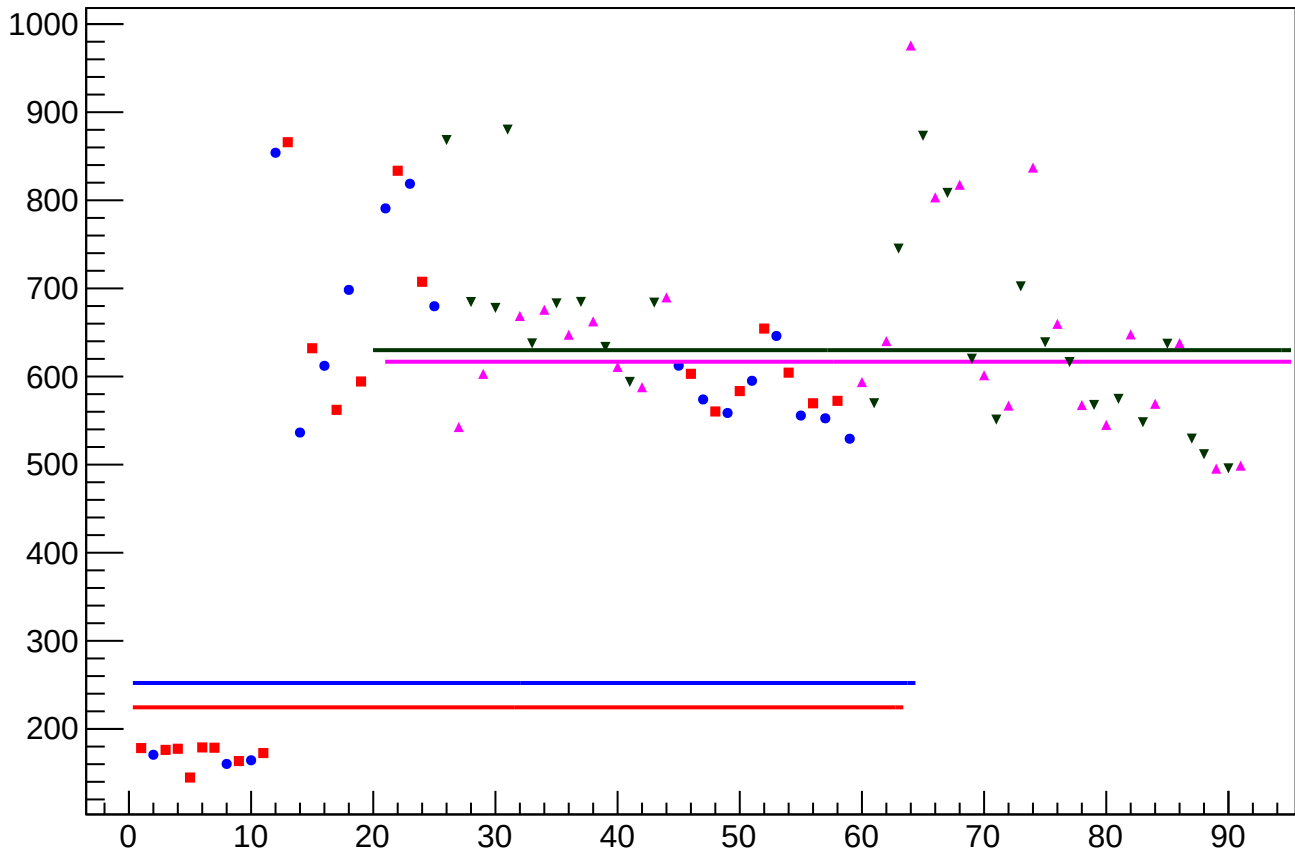
Right Out: -411.404 +/- 84.310 χ^2/NDF : 31.7/20

Left In: -815.727 +/- 168.034 χ^2/NDF : 26.1/24

644.932 +/- 81.236 χ^2/NDF : 64.7/43

-492.719 +/- 75.356 χ^2/NDF : 62.4/45

cor_dsl_rms vs slug



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

Left Out: 629.917+/-0.126 χ^2/NDF : 532248.5/25

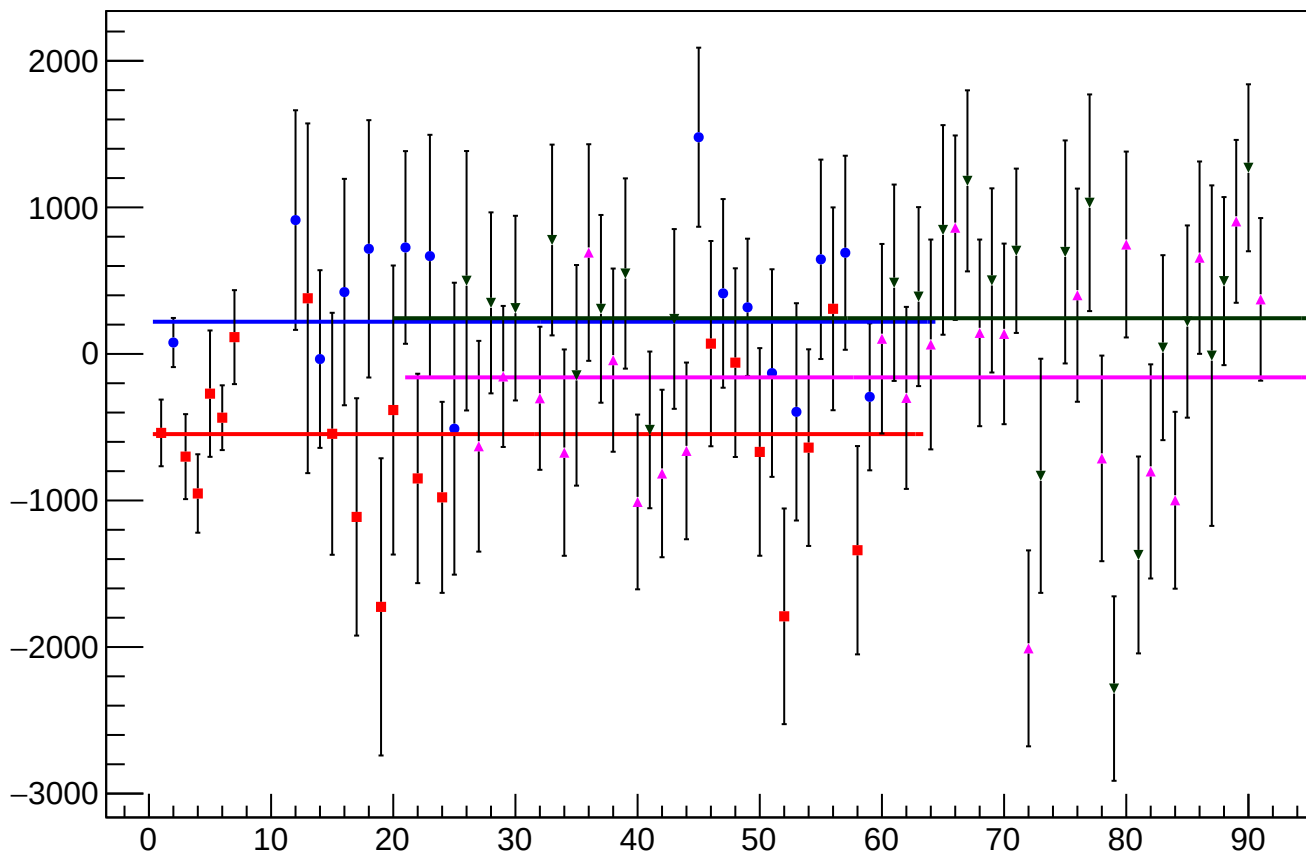
Right Out: 224.522+/-0.060 χ^2/NDF : 6018392.4/20

Left In: 616.772+/-0.119 χ^2/NDF : 560840.9/24

330.651+/-0.057 χ^2/NDF : 15319959.3/43

303.409+/-0.053 χ^2/NDF : 15285800.5/45

cor_dsr_mean vs slug



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

Left Out: 243.674 ± 131.001 χ^2/NDF : 36.2/24

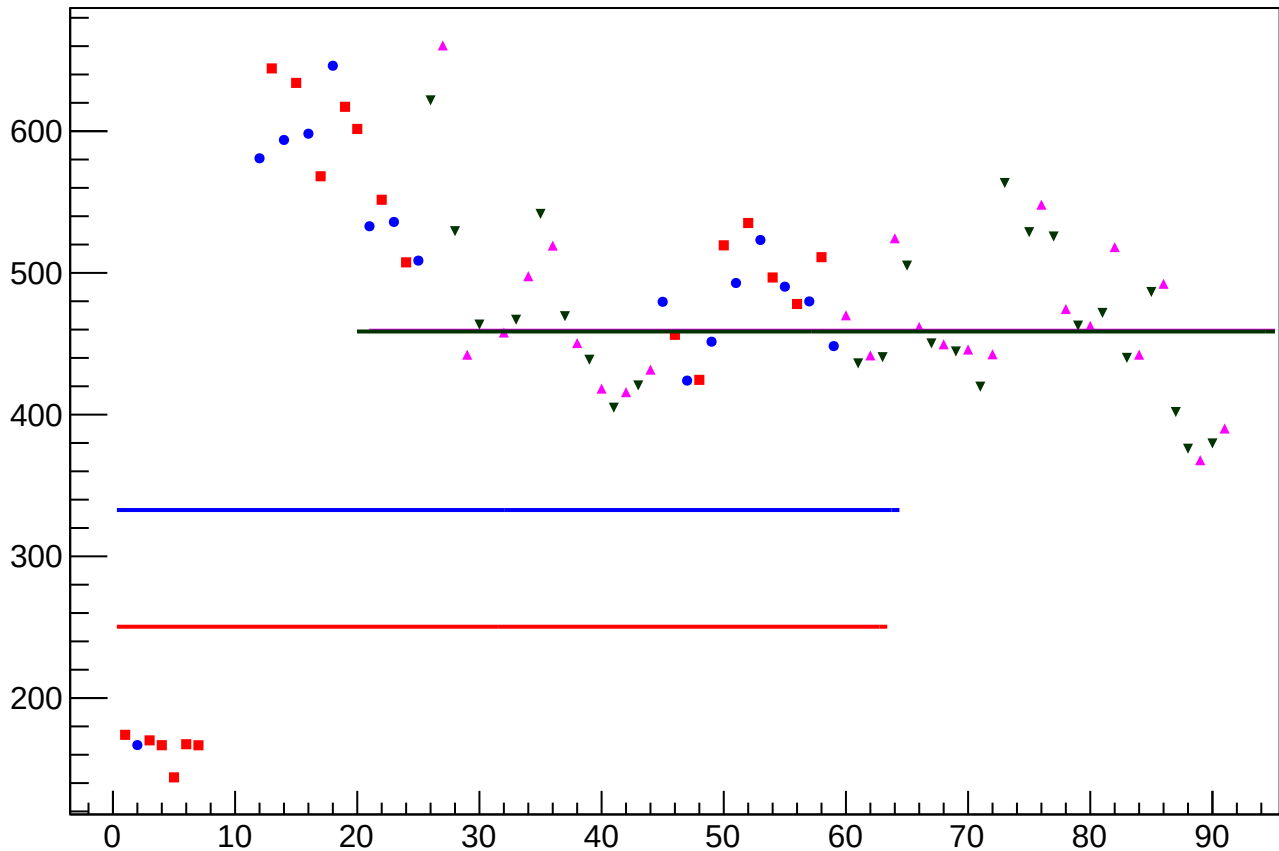
Right Out: -547.037 ± 97.421 χ^2/NDF : 17.6/19

Left In: -159.902 ± 126.882 χ^2/NDF : 29.6/23

230.614 ± 88.395 χ^2/NDF : 47.0/40

-403.455 ± 77.271 χ^2/NDF : 53.1/43

cor_dsr_rms vs slug



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

Left Out: 458.666+/-0.093 χ^2/NDF :331621.6/24

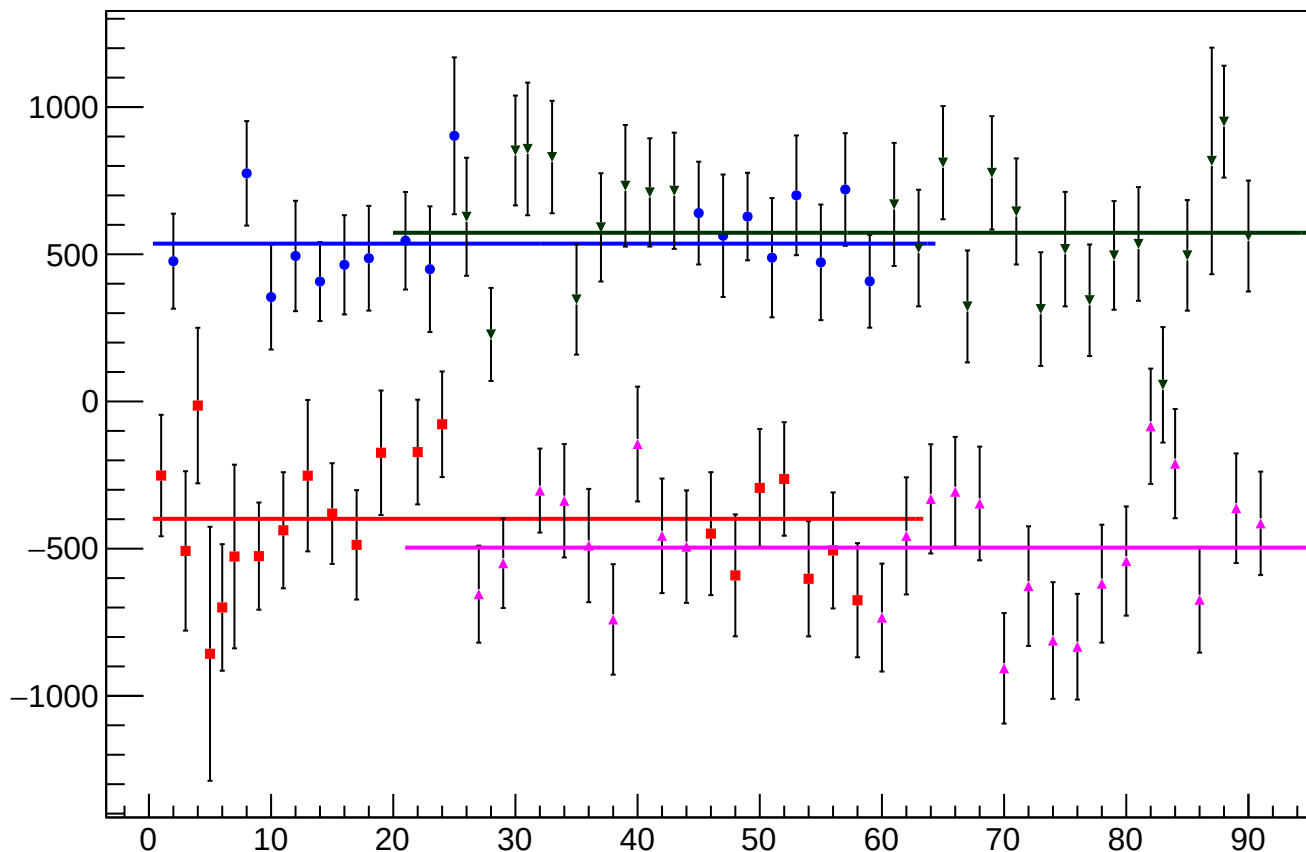
Right Out: 250.345+/-0.069 χ^2/NDF : 4916114.6/19

Left In: 459.227+/-0.090 χ^2/NDF :360853.4/23

390.040+/-0.063 χ^2/NDF : 5578340.2/40

327.816+/-0.055 χ^2/NDF : 8687037.7/43

reg_asym_usl_mean vs slug



Right In: 536.125 ± 41.956 $\chi^2/\text{NDF}: 9.4/17$

Left Out: 573.055 ± 37.998 $\chi^2/\text{NDF}: 33.5/25$

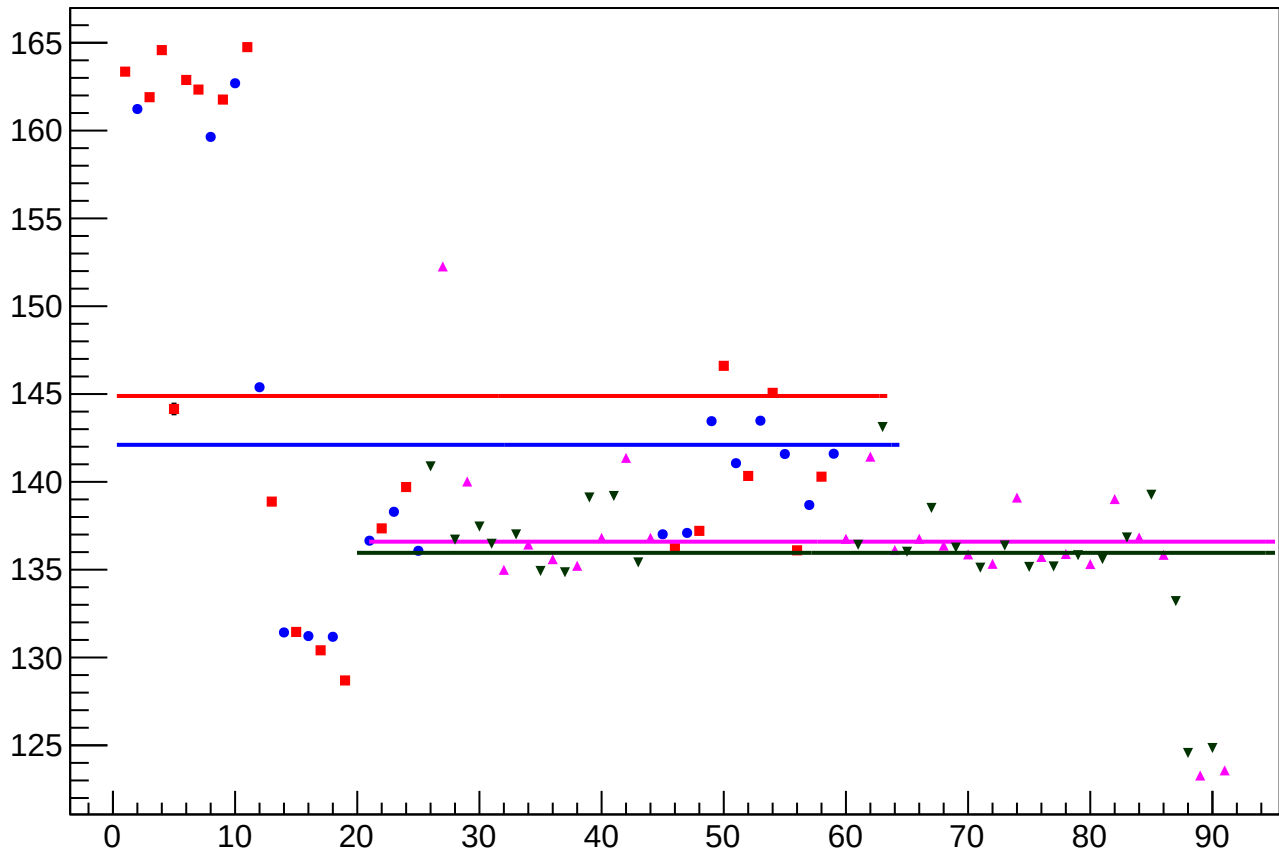
Right Out: -398.677 ± 45.427 $\chi^2/\text{NDF}: 18.2/20$

Left In: -496.388 ± 36.715 $\chi^2/\text{NDF}: 32.9/24$

556.414 ± 28.164 $\chi^2/\text{NDF}: 43.3/43$

-457.781 ± 28.554 $\chi^2/\text{NDF}: 53.9/45$

reg_asym_usl_rms vs slug



Right In: 142.108 $\pm$ 0.030 χ^2 /NDF: 111103.0/17

Left Out: 135.959 $\pm$ 0.027 χ^2 /NDF:20713.6/25

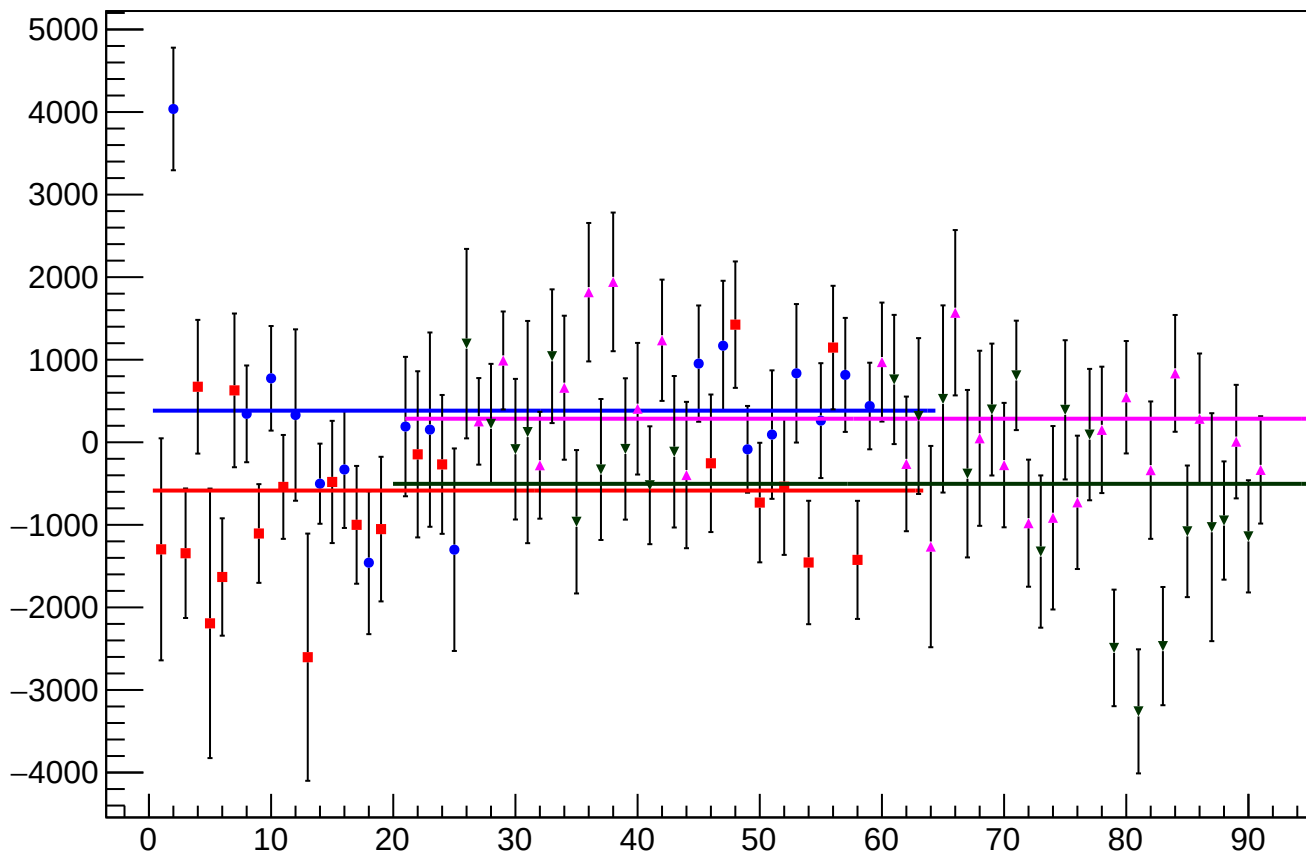
138.730 $\pm$ 0.020 χ^2 /NDF: 155416.7/43

Right Out: 144.890 $\pm$ 0.032 χ^2 /NDF: 147923.6/20

139.872 $\pm$ 0.020 χ^2 /NDF: 232343.7/45

Left In: 136.595 $\pm$ 0.026 χ^2 /NDF:44076.5/24

asym_usl_correction_mean vs slug



Right In: 383.067 ± 165.196 χ^2/NDF : 38.8/17

Left Out: -503.307 ± 162.698 χ^2/NDF : 50.8/25

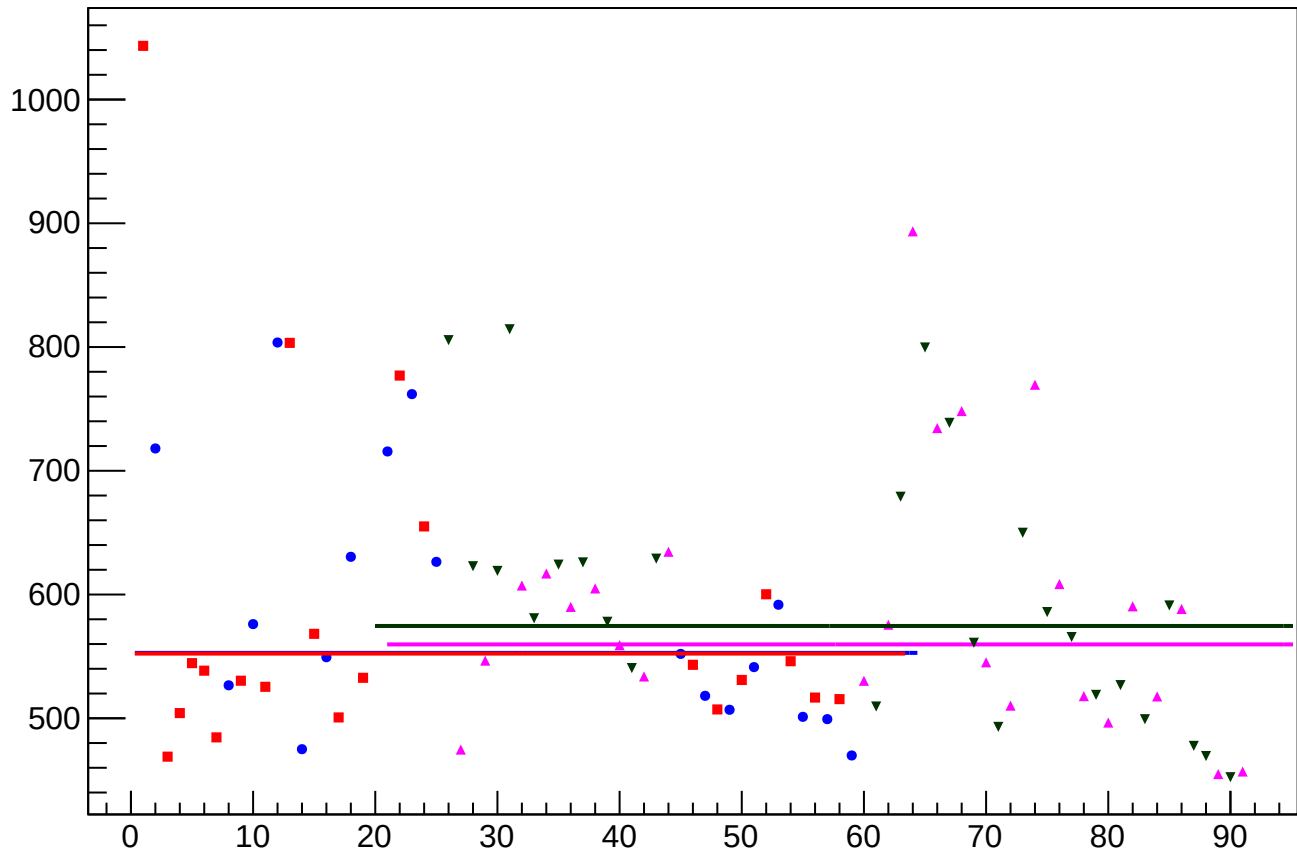
Right Out: -584.658 ± 175.332 χ^2/NDF : 27.2/20

Left In: 285.344 ± 152.689 χ^2/NDF : 25.0/24

-66.871 ± 115.918 χ^2/NDF : 104.1/43

-89.888 ± 115.146 χ^2/NDF : 66.2/45

asym_usl_correction_rms vs slug



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

Left Out: 574.599+/-0.115 χ^2/NDF : 559842.2/25

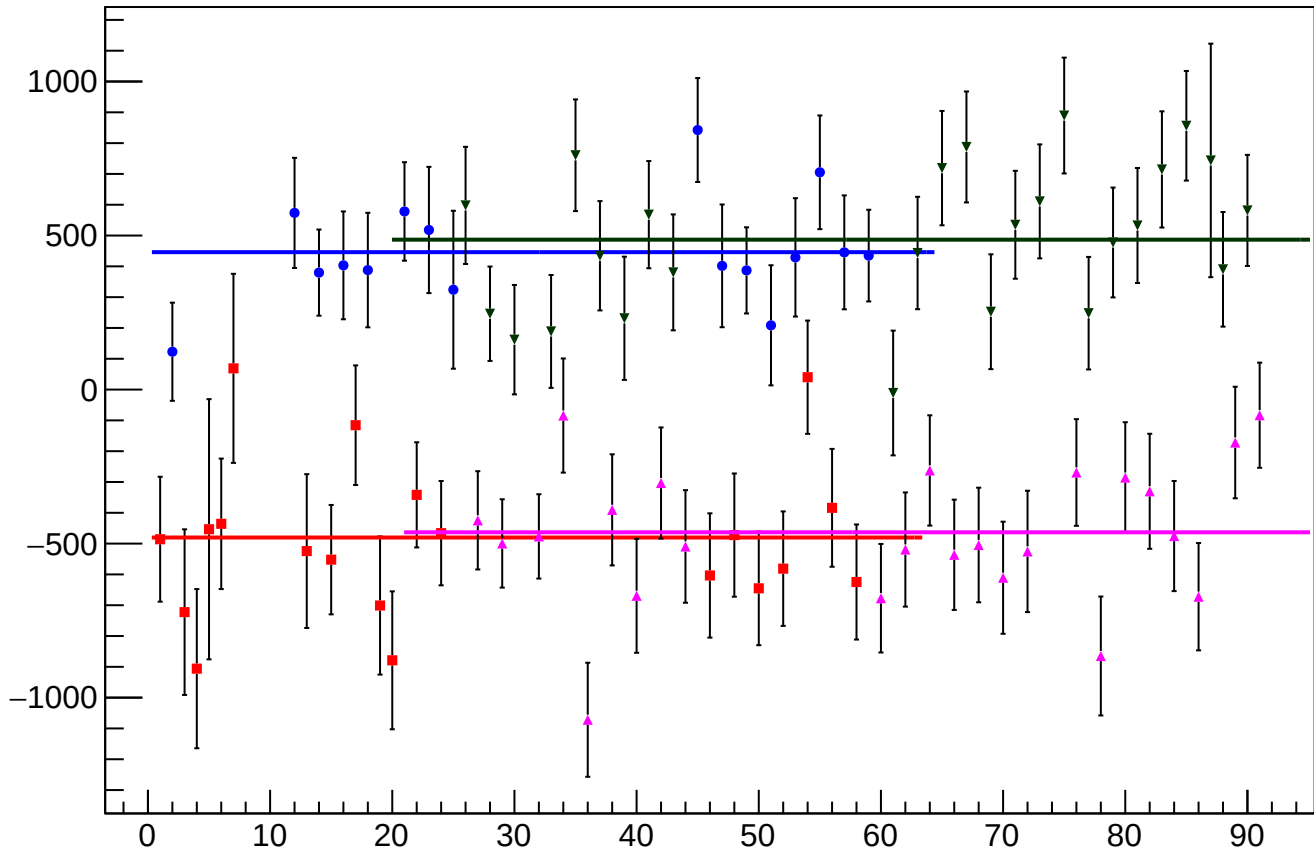
Right Out: 552.278+/-0.124 χ^2/NDF : 537857.7/20

Left In: 559.691+/-0.108 χ^2/NDF : 595998.6/24

563.892+/-0.082 χ^2/NDF : 1109172.7/43

556.494+/-0.081 χ^2/NDF : 1135889.2/45

reg_asym_usr_mean vs slug



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

Left Out: 486.597 $\pm$ 37.014 χ^2 /NDF:39.0/24

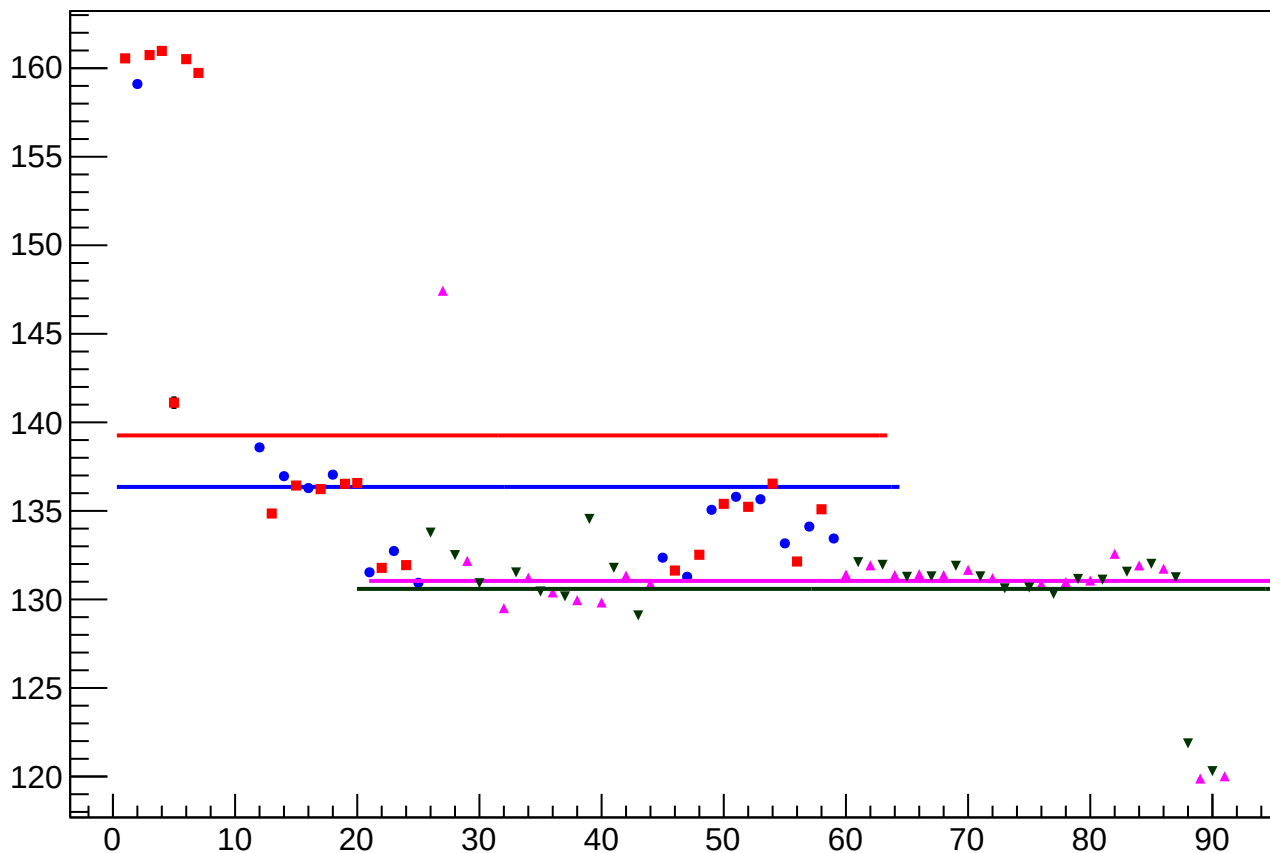
469.527 $\pm$ 28.169 χ^2 /NDF: 54.8/40

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

-469.668 $\pm$ 28.325 χ^2 /NDF: 63.0/43

Left In: -463.301 $\pm$ 35.854 χ^2 /NDF:37.2/23

reg_asym_usr_rms vs slug



Right In: 136.354 $\pm$ 0.031 χ^2 /NDF: 48813.7/15

Left Out: 130.595 $\pm$ 0.026 χ^2 /NDF: 13494.5/24

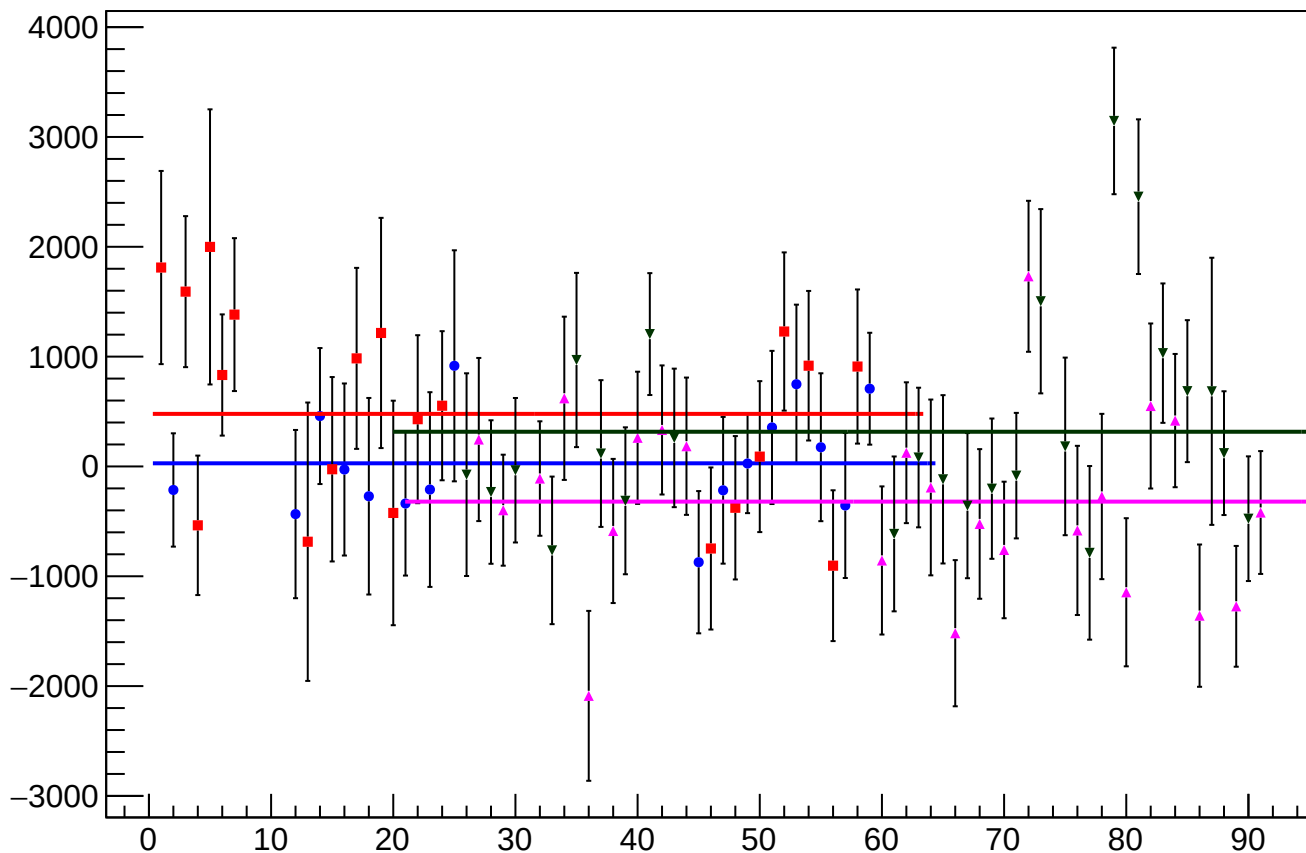
Right Out: 139.262 $\pm$ 0.033 χ^2 /NDF: 98982.0/19

Left In: 131.046 $\pm$ 0.025 χ^2 /NDF: 37949.0/23

133.018 $\pm$ 0.020 χ^2 /NDF: 82681.6/40

134.134 $\pm$ 0.020 χ^2 /NDF: 176409.3/43

asym_usr_correction_mean vs slug



Right In: 28.539 ± 163.771 $\chi^2/\text{NDF}: 7.7/15$

Left Out: 315.847 ± 135.482 $\chi^2/\text{NDF}: 47.3/24$

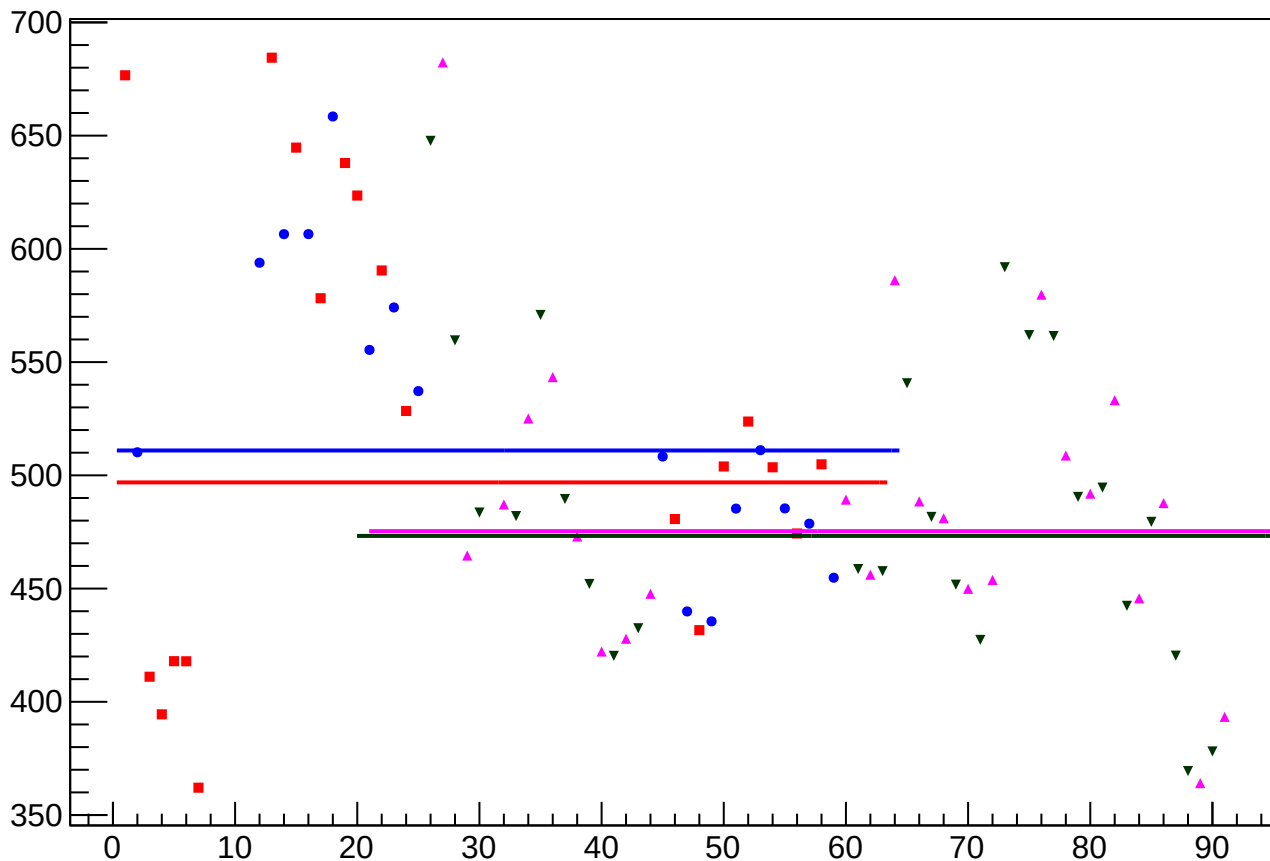
Right Out: 478.567 ± 167.438 $\chi^2/\text{NDF}: 24.6/19$

Left In: -320.351 ± 131.575 $\chi^2/\text{NDF}: 34.5/23$

199.112 ± 104.391 $\chi^2/\text{NDF}: 56.9/40$

-15.353 ± 103.455 $\chi^2/\text{NDF}: 73.2/43$

asym_usr_correction_rms vs slug



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

Left Out: 473.252+/-0.096 χ^2/NDF : 425237.0/24

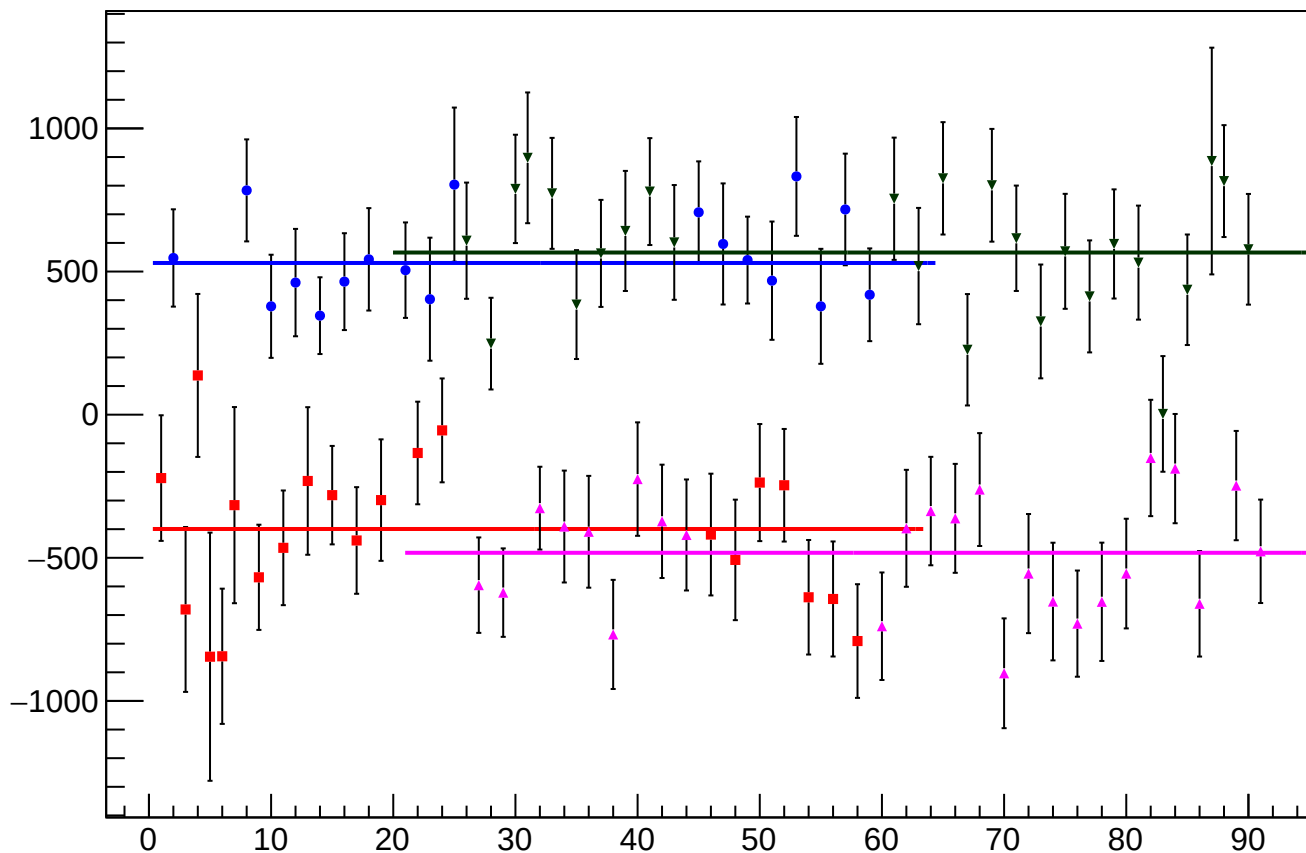
Right Out: 496.880+/-0.118 χ^2/NDF : 543623.5/19

Left In: 475.352+/-0.093 χ^2/NDF : 445614.6/23

488.580+/-0.074 χ^2/NDF : 777038.6/40

483.571+/-0.073 χ^2/NDF : 1009678.8/43

reg_asym_dsl_mean vs slug



Right In: 529.958 ± 42.570 χ^2/NDF : 11.6/17

Left Out: 566.446 ± 38.841 χ^2/NDF : 30.8/25

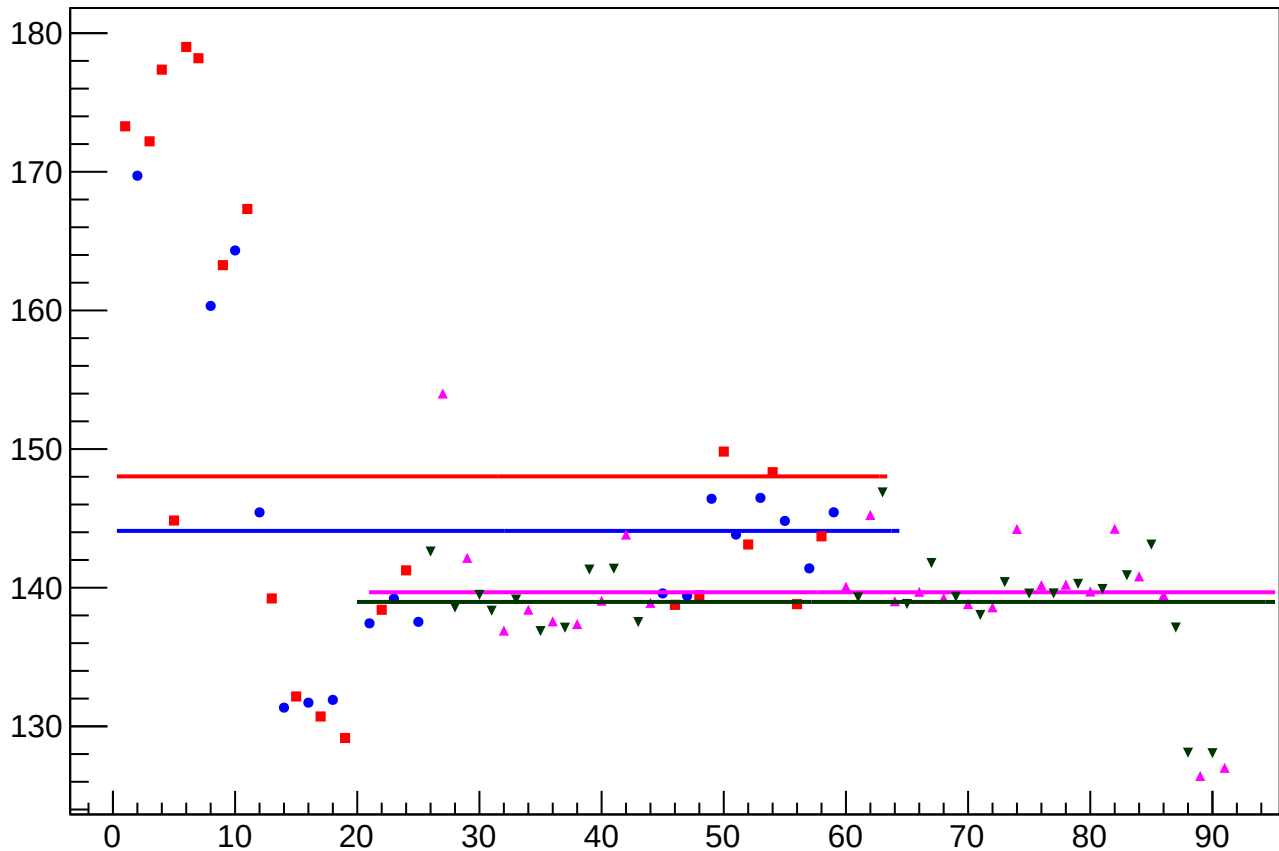
Right Out: -399.349 ± 46.502 χ^2/NDF : 26.0/20

Left In: -482.479 ± 37.542 χ^2/NDF : 27.1/24

549.870 ± 28.692 χ^2/NDF : 42.7/43

-449.677 ± 29.211 χ^2/NDF : 55.1/45

reg_asym_dsl_rms vs slug



Right In: 144.097 $\pm$ 0.030 χ^2 /NDF: 134419.2/17

Left Out: 138.973 $\pm$ 0.027 χ^2 /NDF: 19293.8/25

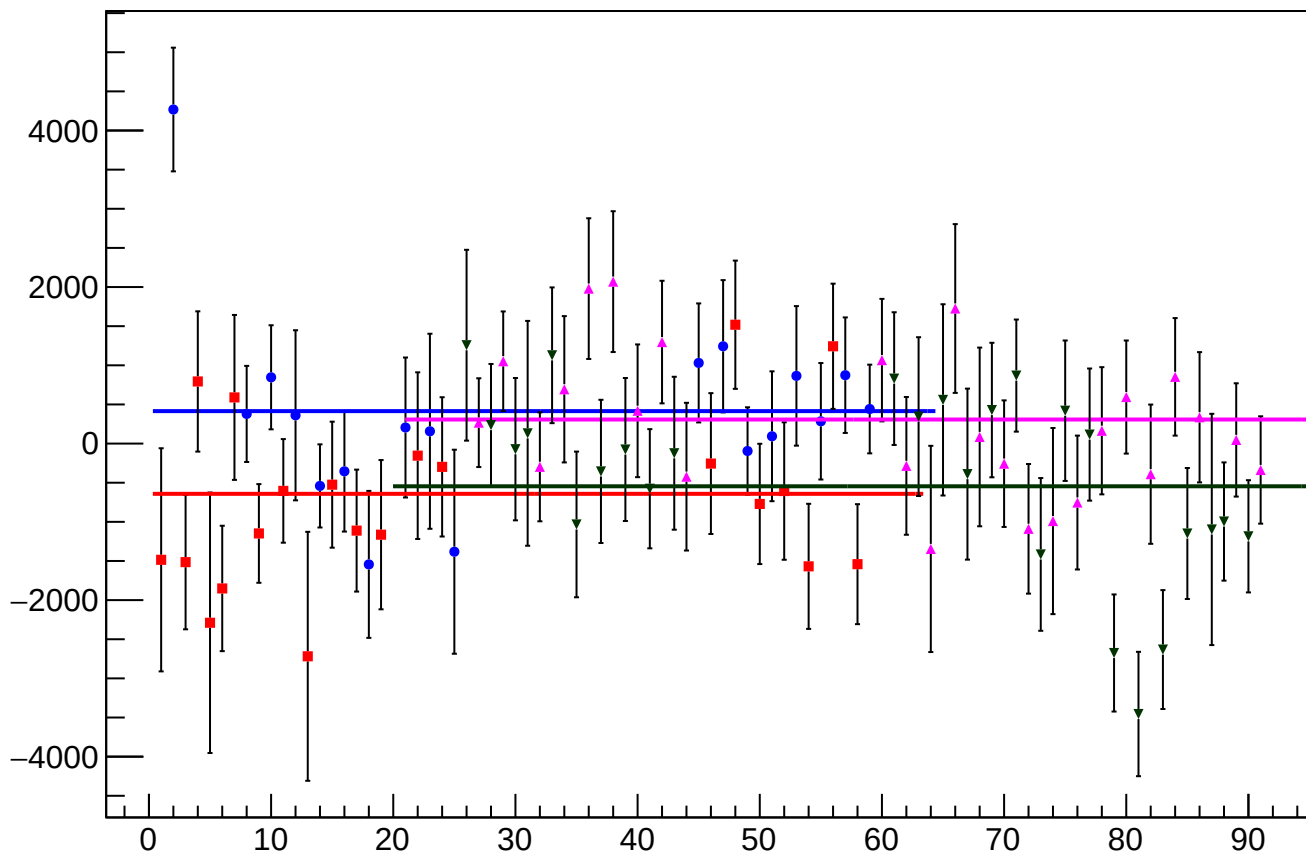
141.301 $\pm$ 0.020 χ^2 /NDF: 169525.3/43

Right Out: 148.027 $\pm$ 0.033 χ^2 /NDF: 218836.9/20

142.968 $\pm$ 0.021 χ^2 /NDF: 298716.8/45

Left In: 139.670 $\pm$ 0.027 χ^2 /NDF: 40771.6/24

asym_dsl_correction_mean vs slug



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

Left Out: -545.655 ± 173.509 χ^2/NDF : 51.0/25

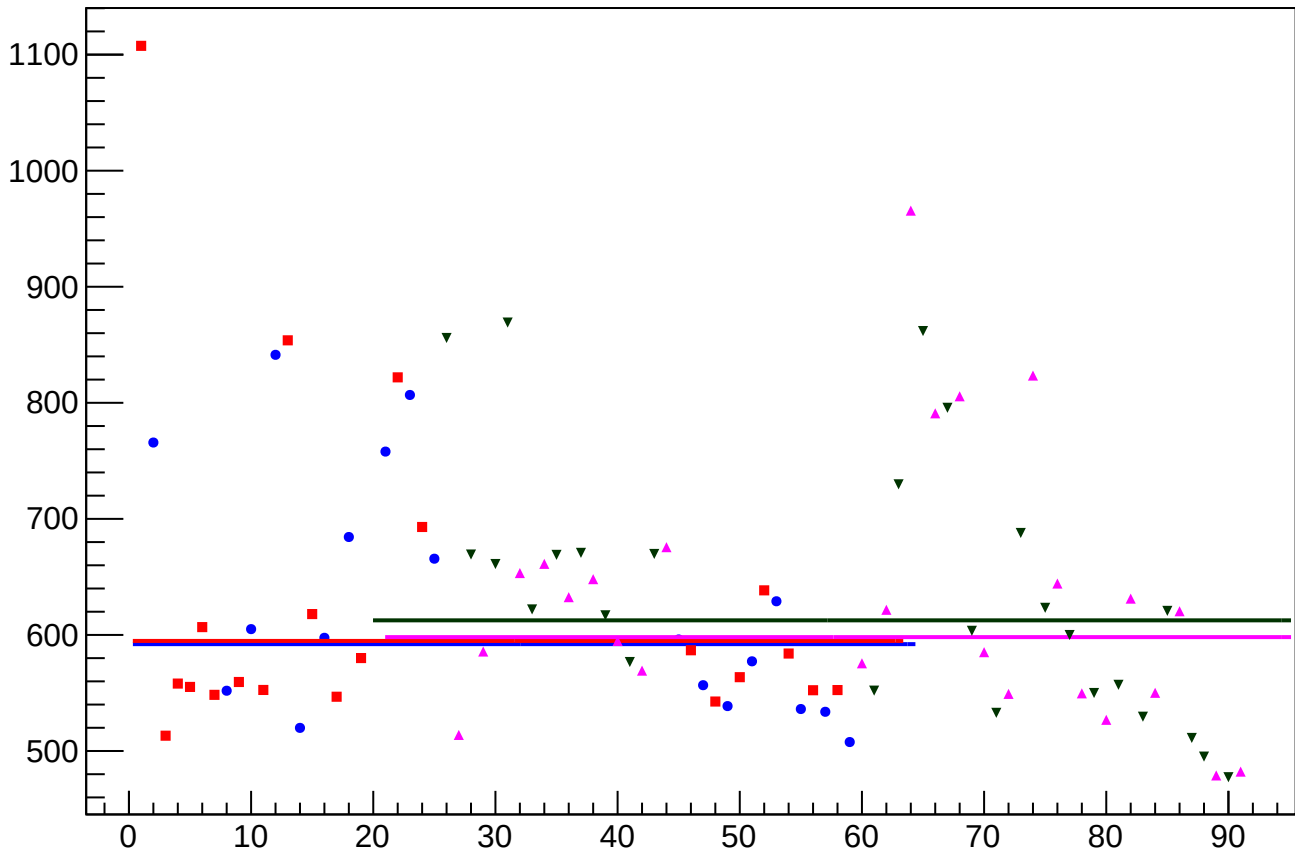
Right Out: -642.016 ± 188.672 χ^2/NDF : 27.4/20

Left In: 307.472 ± 163.205 χ^2/NDF : 25.0/24

-74.271 ± 123.810 χ^2/NDF : 104.1/43

-98.912 ± 123.433 χ^2/NDF : 66.9/45

asym_dsl_correction_rms vs slug



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

Left Out: 612.570 ± 0.123 χ^2/NDF : 577399.1/25

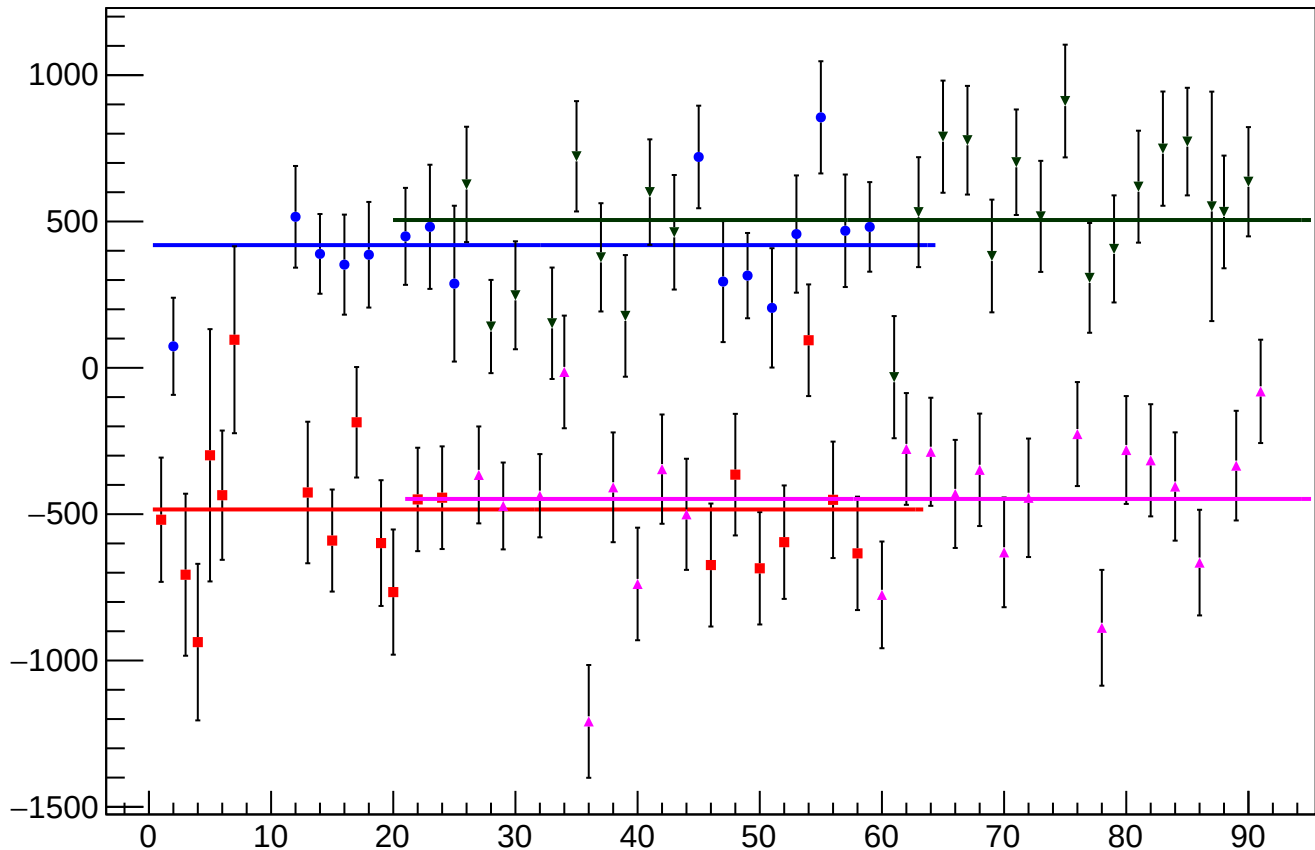
Right Out: 594.839 ± 0.133 χ^2/NDF : 506898.2/20

Left In: 598.119 ± 0.115 χ^2/NDF : 616127.2/24

602.505 ± 0.088 χ^2/NDF : 1087313.2/43

596.715 ± 0.087 χ^2/NDF : 1123371.2/45

reg_asym_dsr_mean vs slug



Right In: 419.270 $\pm$ 44.278 χ^2 /NDF: 15.6/15

Left Out: 505.020 $\pm$ 38.255 χ^2 /NDF:38.6/24

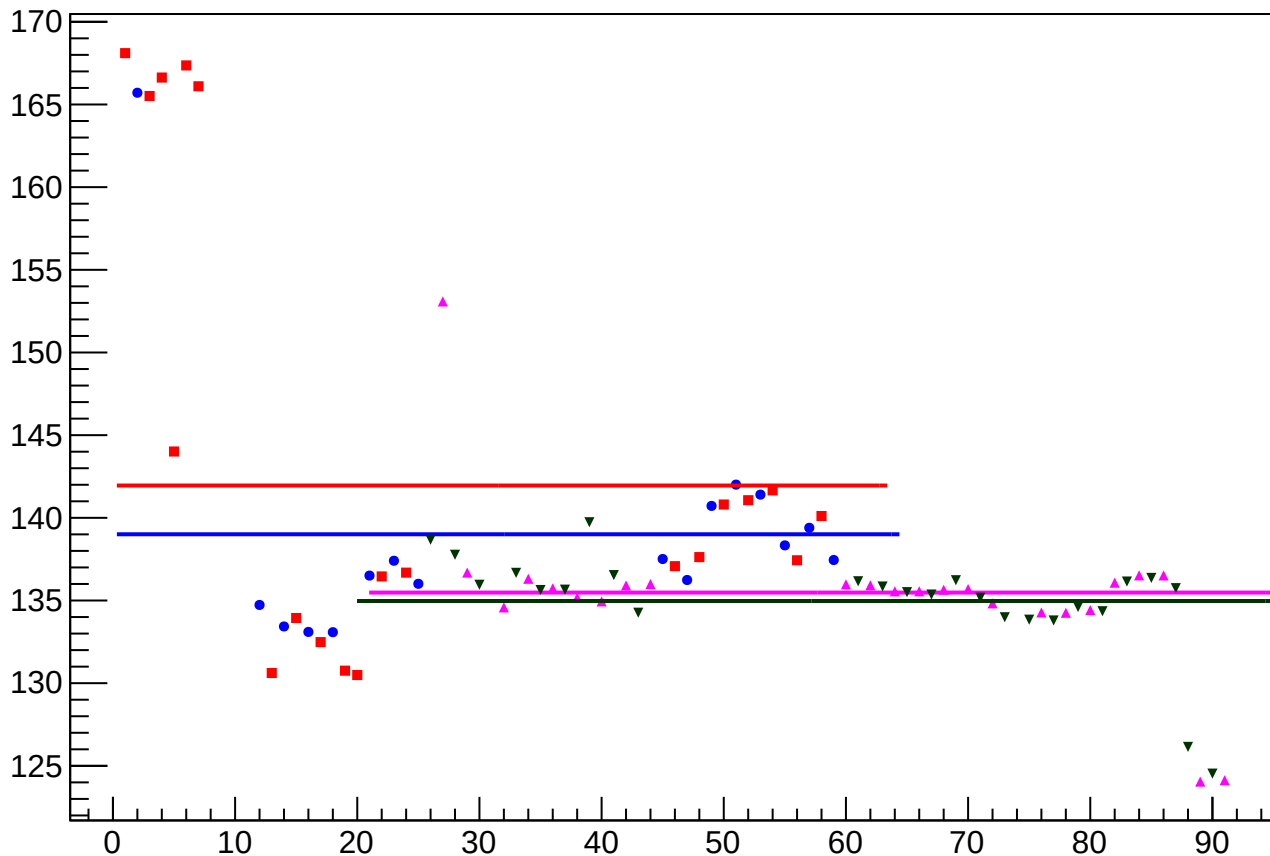
468.370 $\pm$ 28.947 χ^2 /NDF: 56.4/40

Right Out: -483.893 $\pm$ 47.138 χ^2 /NDF: 24.5/19

-461.702 $\pm$ 29.138 χ^2 /NDF: 68.5/43

Left In: -447.979 $\pm$ 37.069 χ^2 /NDF:43.7/23

reg_asym_dsr_rms vs slug



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

Left Out: 134.969 ± 0.027 χ^2/NDF : 13928.8/24

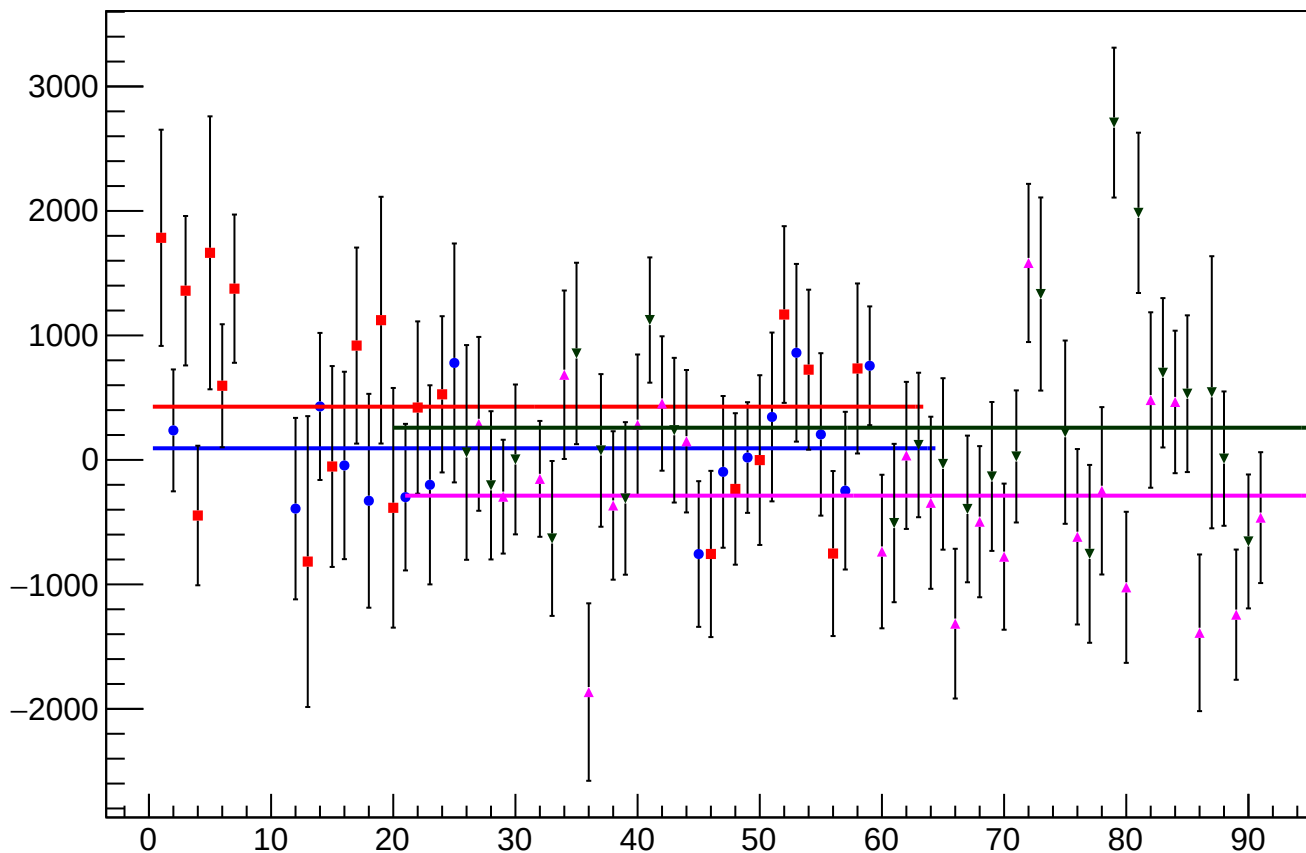
136.695 ± 0.020 χ^2/NDF : 86905.1/40

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

137.954 ± 0.021 χ^2/NDF : 194025.0/43

Left In: 135.481 ± 0.026 χ^2/NDF : 39065.6/23

asym_dsr_correction_mean vs slug



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

Left Out: 258.615 ± 124.935 χ^2/NDF : 42.6/24

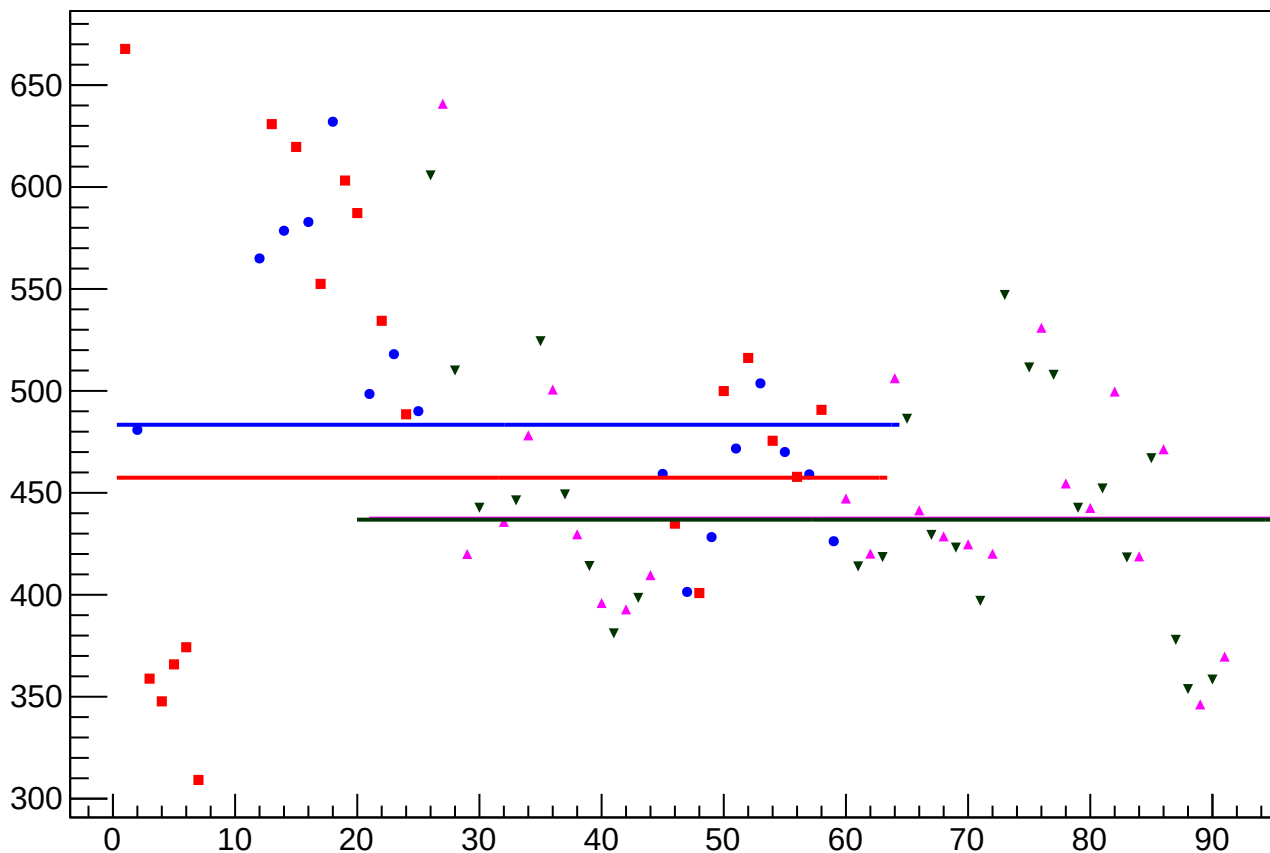
Right Out: 427.640 ± 155.122 χ^2/NDF : 23.7/19

Left In: -287.140 ± 121.008 χ^2/NDF : 35.6/23

193.552 ± 97.273 χ^2/NDF : 51.2/40

-16.729 ± 95.411 χ^2/NDF : 72.5/43

asym_dsr_correction_rms vs slug



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

Left Out: 436.855+/-0.088 χ^2/NDF :385030.2/24

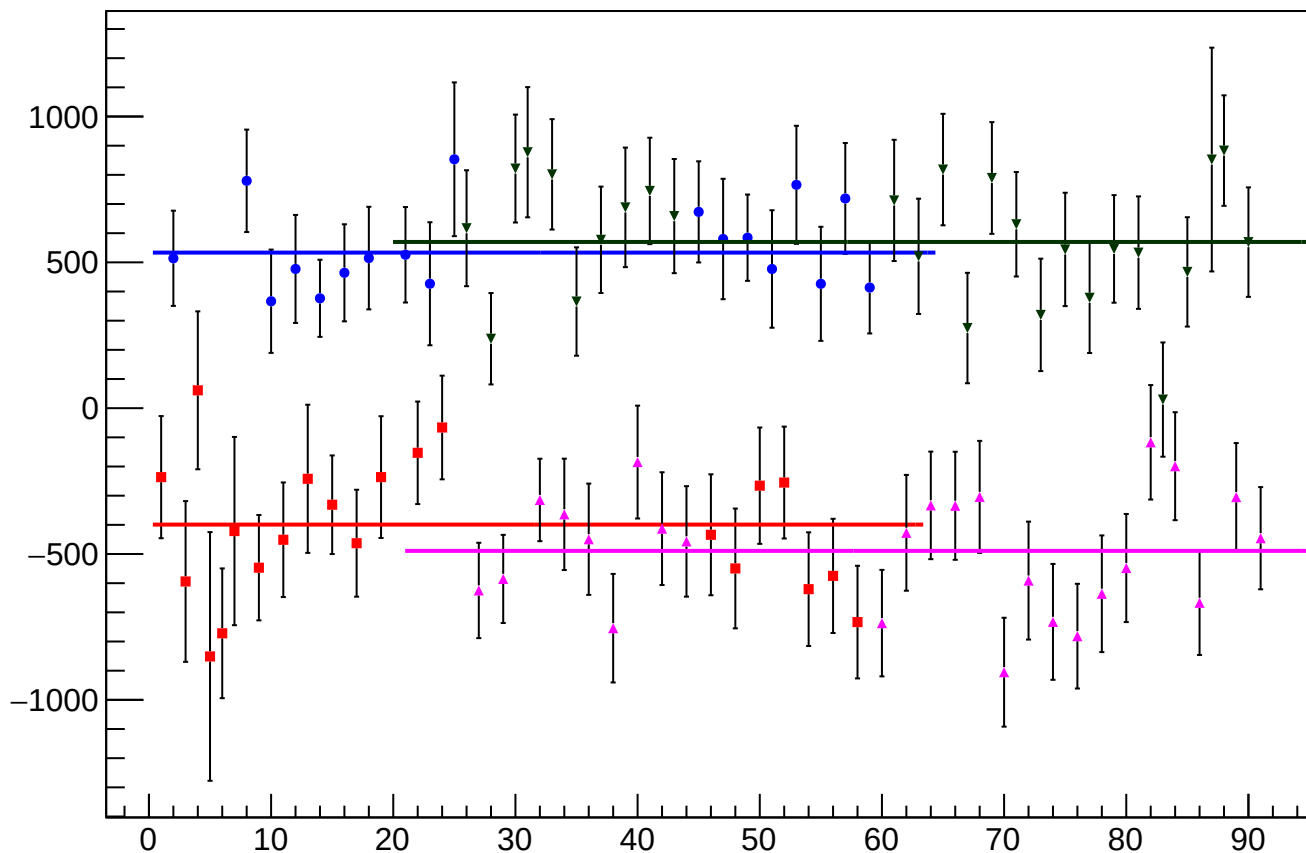
Right Out: 457.426+/-0.110 χ^2/NDF : 753011.5/19

Left In: 437.345+/-0.086 χ^2/NDF :404269.2/23

455.177+/-0.069 χ^2/NDF : 776220.7/40

444.942+/-0.067 χ^2/NDF : 1178117.0/43

reg_asym_left_avg_mean vs slug



Right In: 533.428 ± 41.644 $\chi^2/\text{NDF}: 10.3/17$

Left Out: 569.946 ± 37.799 $\chi^2/\text{NDF}: 32.5/25$

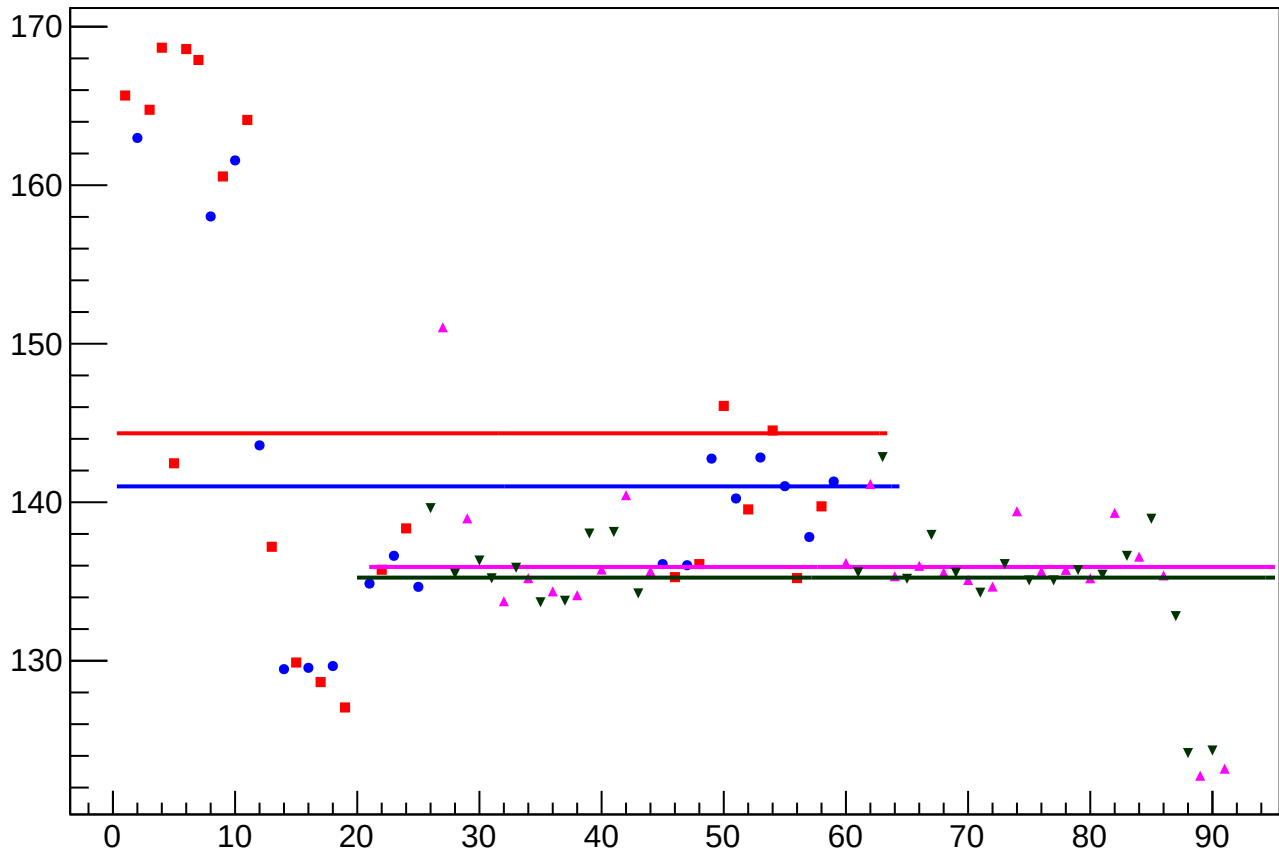
Right Out: -399.142 ± 45.302 $\chi^2/\text{NDF}: 22.1/20$

Left In: -489.281 ± 36.534 $\chi^2/\text{NDF}: 30.2/24$

553.450 ± 27.989 $\chi^2/\text{NDF}: 43.3/43$

-453.759 ± 28.439 $\chi^2/\text{NDF}: 54.7/45$

reg_asym_left_avg_rms vs slug



Right In: 141.001 $\pm$ 0.029 χ^2 /NDF: 124052.1/17

Left Out: 135.246 $\pm$ 0.027 χ^2 /NDF: 20280.5/25

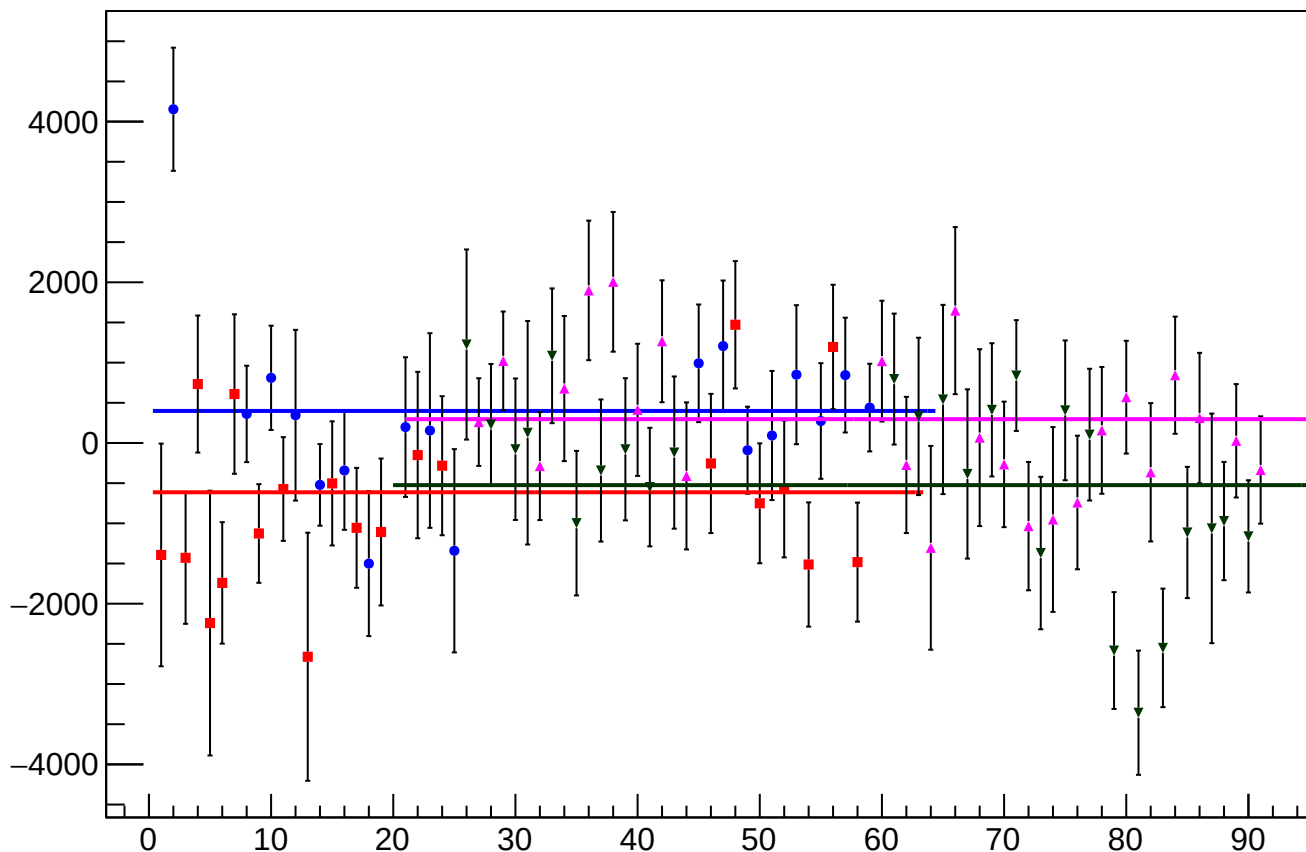
Right Out: 144.350 $\pm$ 0.032 χ^2 /NDF: 184232.8/20

Left In: 135.917 $\pm$ 0.026 χ^2 /NDF: 43332.8/24

137.846 $\pm$ 0.020 χ^2 /NDF: 165274.6/43

139.240 $\pm$ 0.020 χ^2 /NDF: 269551.8/45

asym_left_avg_correction_mean vs slug



Right In: 398.983 ± 170.957 χ^2/NDF : 38.4/17

Left Out: -524.515 ± 168.100 χ^2/NDF : 50.9/25

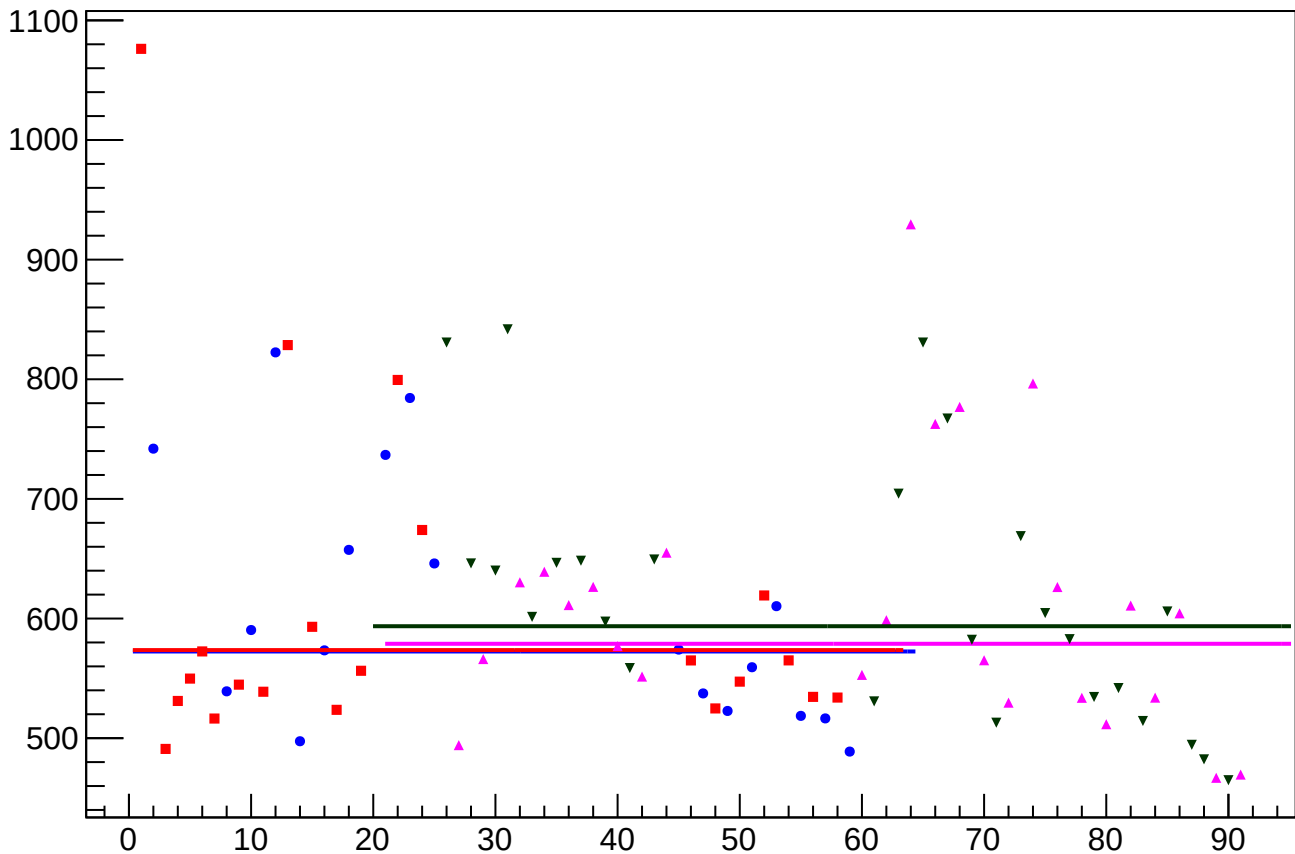
Right Out: -613.546 ± 182.013 χ^2/NDF : 27.3/20

Left In: 296.382 ± 157.943 χ^2/NDF : 25.0/24

-70.545 ± 119.862 χ^2/NDF : 104.2/43

-94.479 ± 119.292 χ^2/NDF : 66.5/45

asym_left_avg_correction_rms vs slug



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

Left Out: 593.578+/-0.119 χ^2/NDF : 568509.8/25

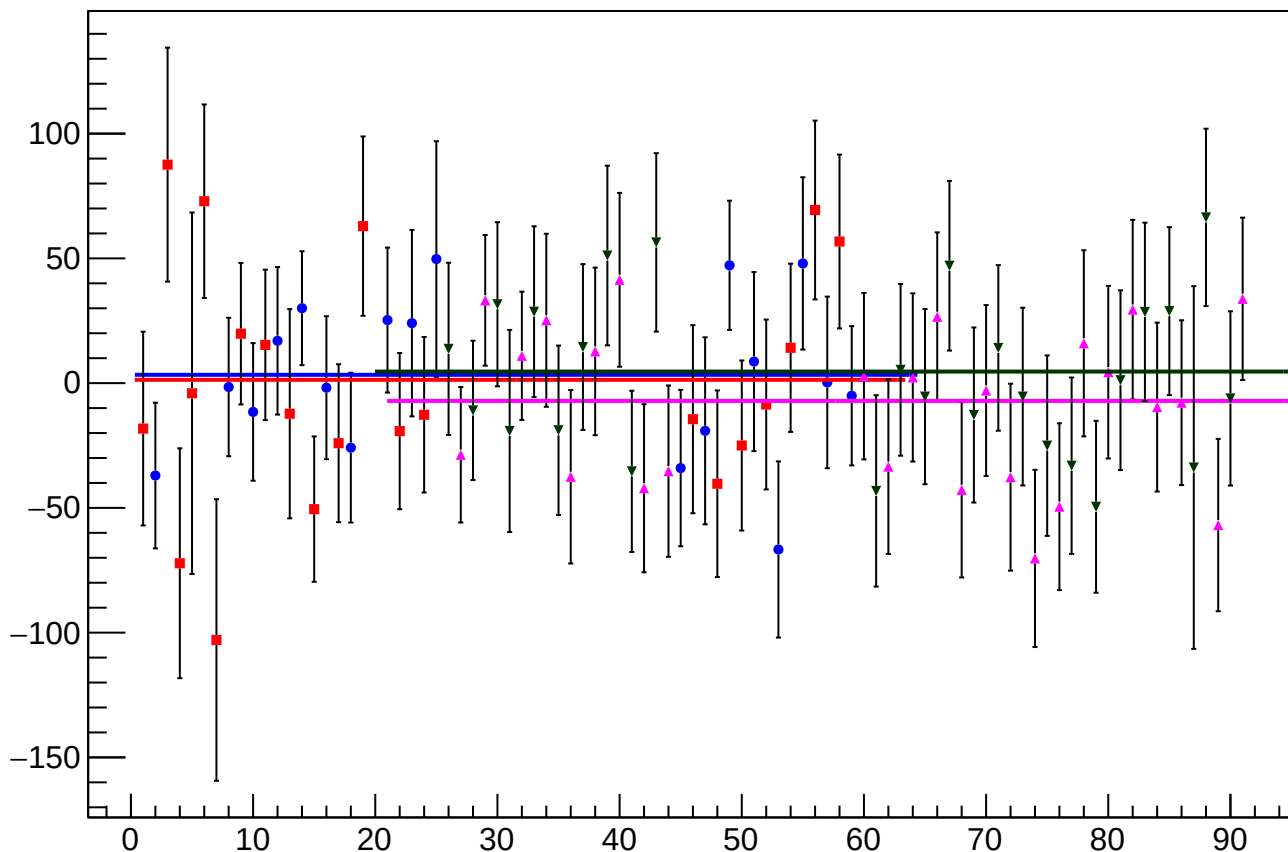
Right Out: 573.624+/-0.129 χ^2/NDF : 520225.0/20

Left In: 578.895+/-0.112 χ^2/NDF : 606002.1/24

583.200+/-0.085 χ^2/NDF : 1096568.4/43

576.631+/-0.084 χ^2/NDF : 1127183.8/45

reg_asym_left_dd_mean vs slug



Right In: 3.336 ± 7.199 χ^2/NDF : 17.0/17

Left Out: 4.635 ± 6.876 χ^2/NDF : 20.0/25

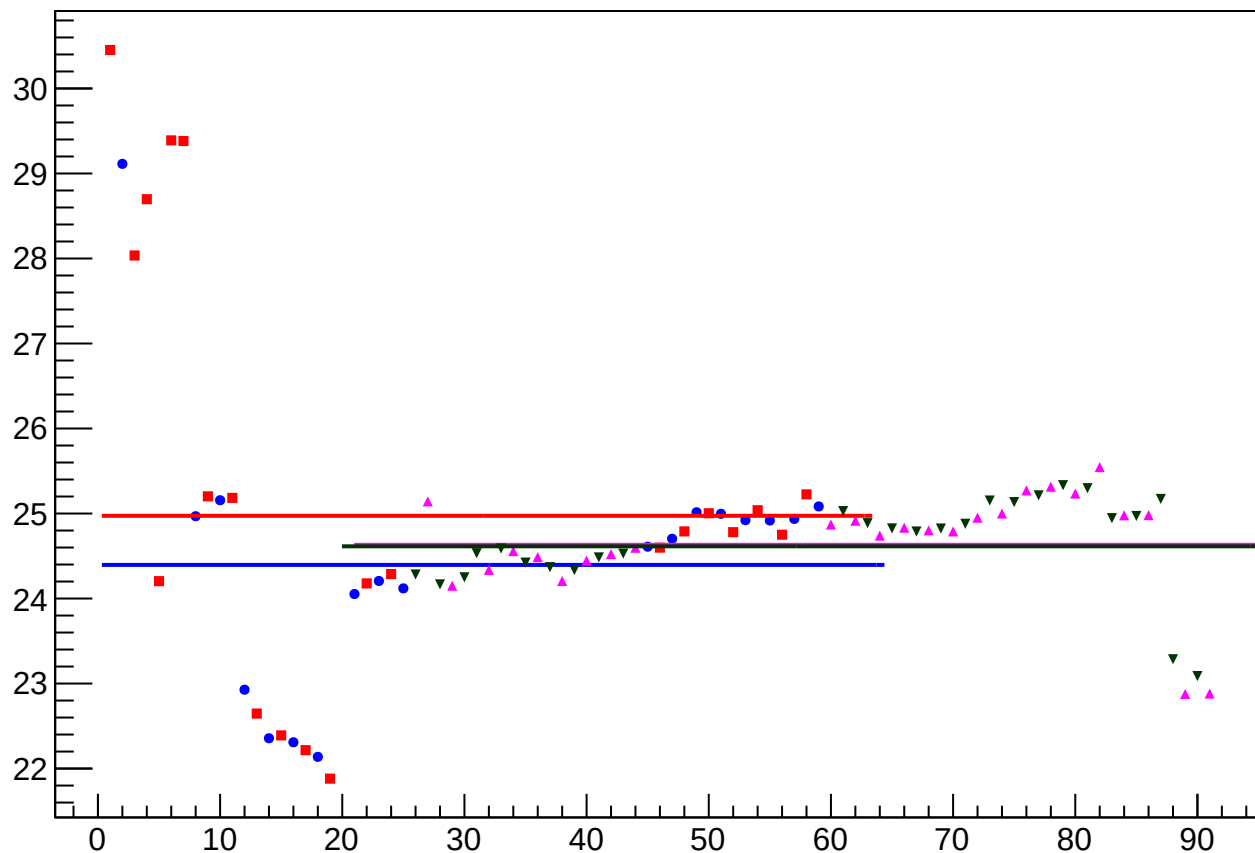
Right Out: 1.325 ± 7.834 χ^2/NDF : 29.5/20

Left In: -7.124 ± 6.614 χ^2/NDF : 22.6/24

4.015 ± 4.972 χ^2/NDF : 37.1/43

-3.608 ± 5.054 χ^2/NDF : 52.8/45

reg_asym_left_dd_rms vs slug



Right In: 24.396 ± 0.005 $\chi^2/\text{NDF}: 102378.3/17$

Left Out: 24.614 ± 0.005 $\chi^2/\text{NDF}: 12143.4/25$

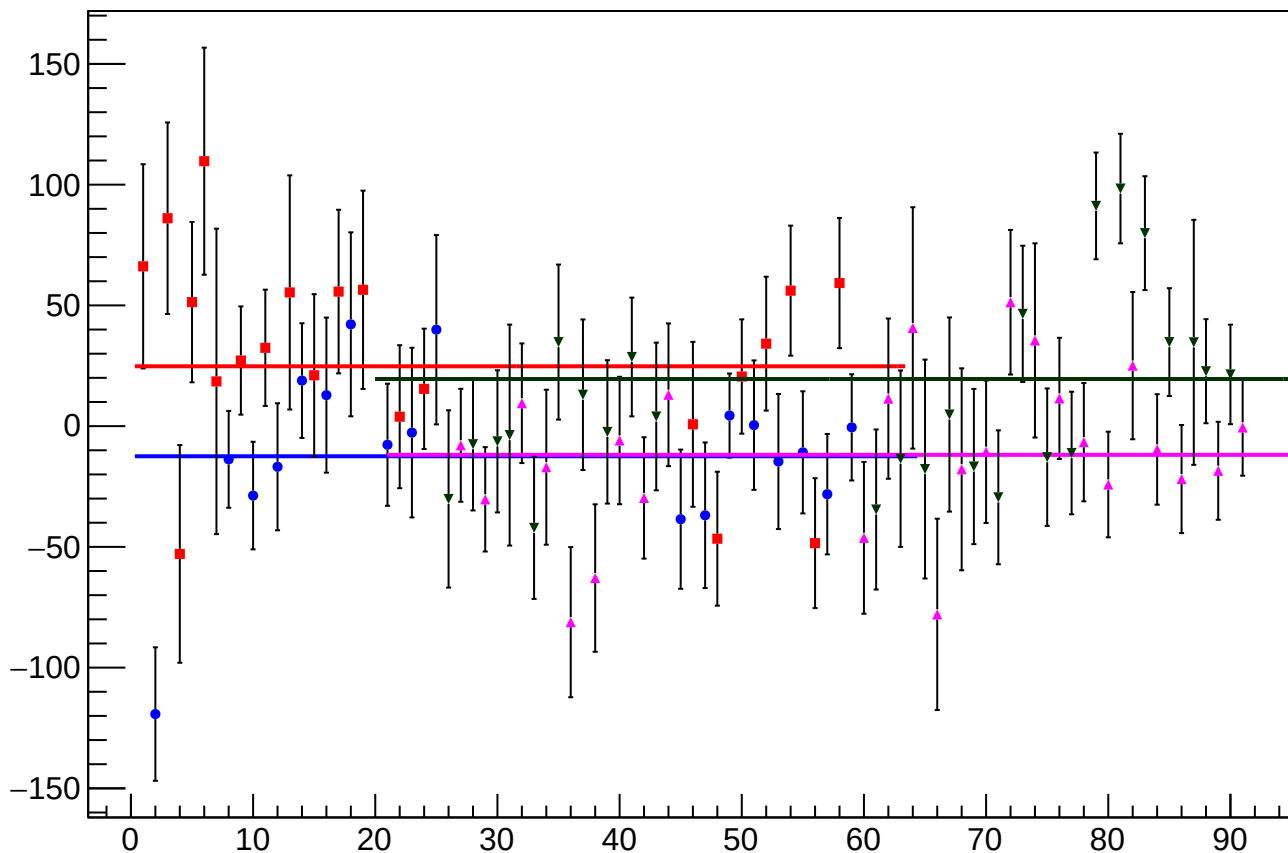
Right Out: 24.973 ± 0.006 $\chi^2/\text{NDF}: 154619.8/20$

Left In: 24.632 ± 0.005 $\chi^2/\text{NDF}: 17546.0/24$

24.510 ± 0.004 $\chi^2/\text{NDF}: 115486.7/43$

24.774 ± 0.004 $\chi^2/\text{NDF}: 174385.7/45$

asym_left_dd_correction_mean vs slug



Right In: -12.477 $\pm$ 6.060 χ^2 /NDF: 25.2/17

Left Out: 19.517 $\pm$ 5.548 χ^2 /NDF: 51.5/25

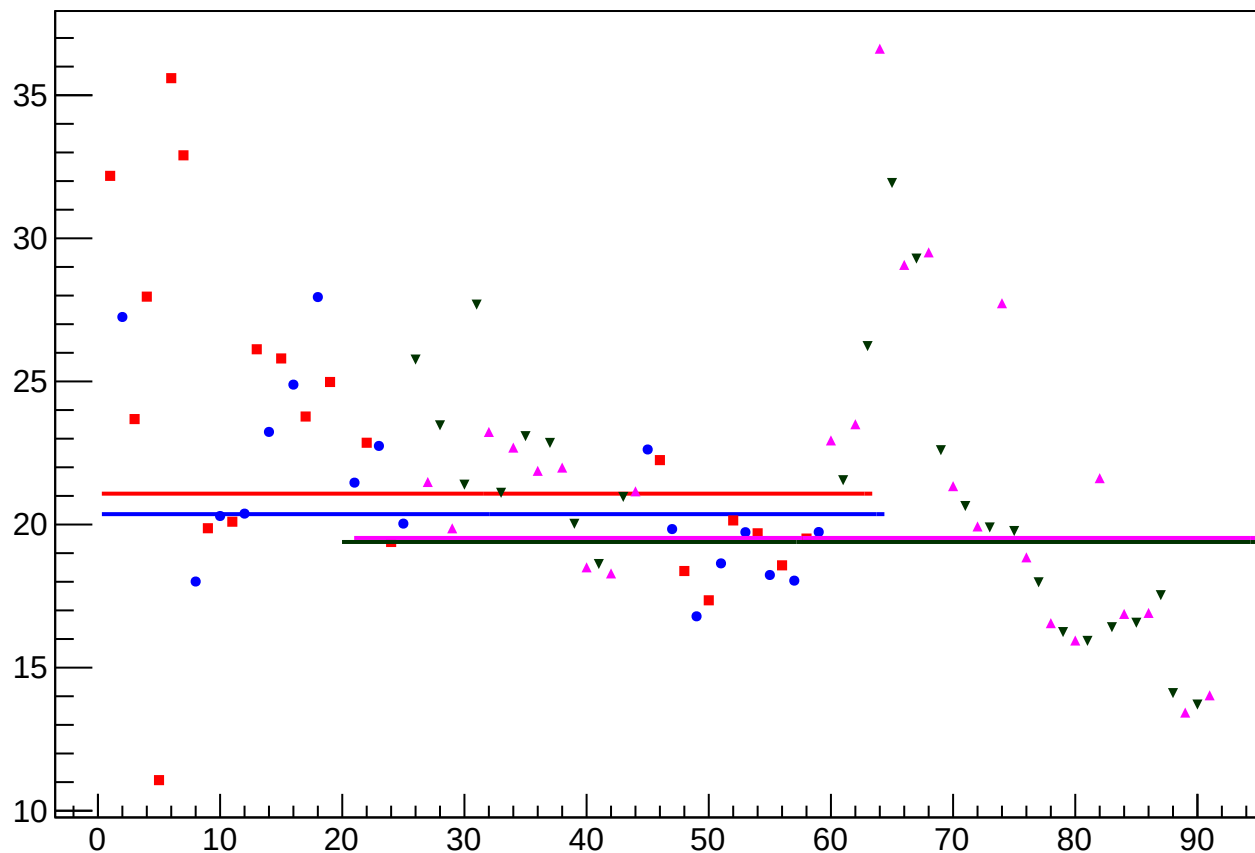
Right Out: 24.782 $\pm$ 6.754 χ^2 /NDF: 30.5/20

Left In: -11.893 $\pm$ 5.383 χ^2 /NDF: 25.3/24

4.929 $\pm$ 4.092 χ^2 /NDF: 91.9/43

2.353 $\pm$ 4.209 χ^2 /NDF: 73.9/45

asym_left_dd_correction_rms vs slug



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

Left Out: 19.390+/-0.004 χ^2/NDF :1055660.5/25

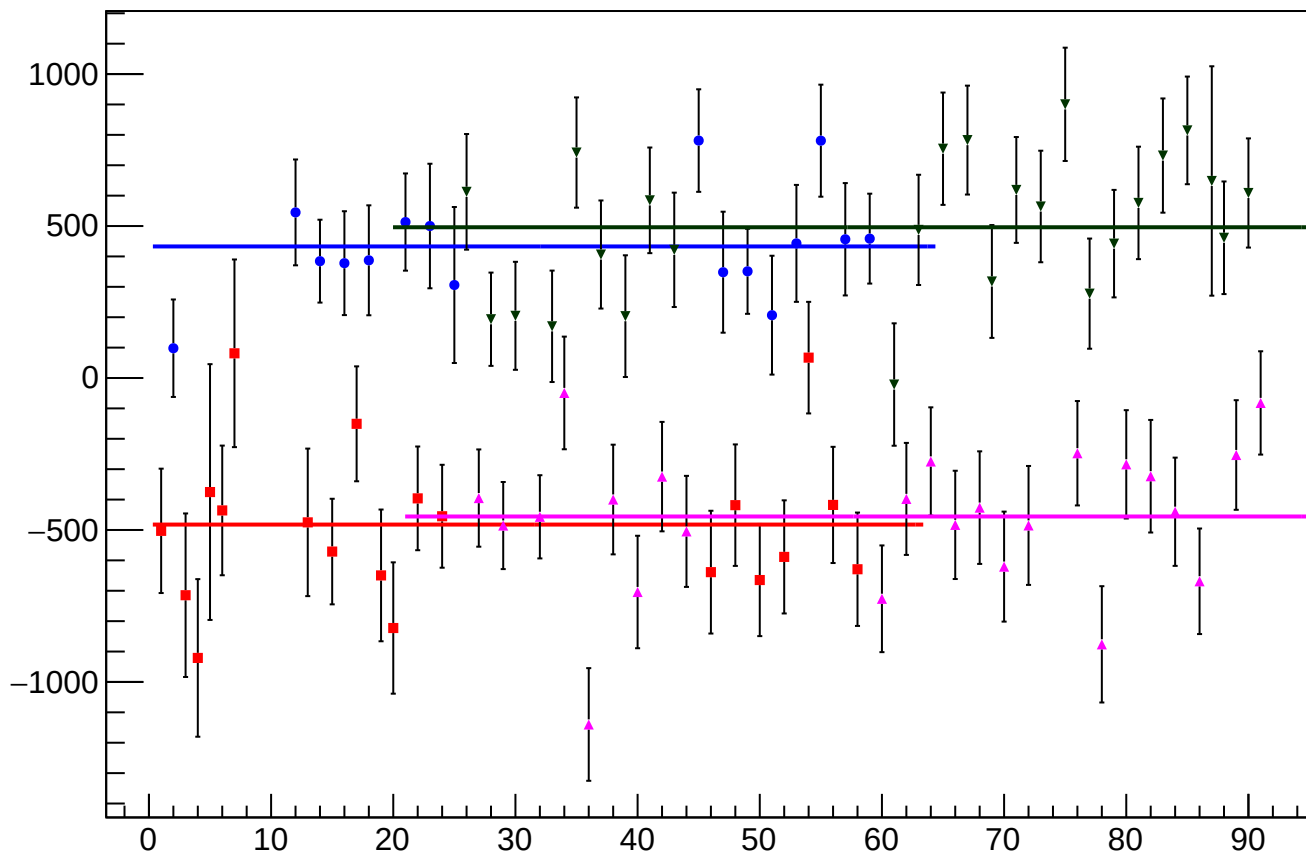
Right Out: 21.079+/-0.005 χ^2/NDF : 855557.2/20

Left In: 19.531+/-0.004 χ^2/NDF :1204740.0/24

19.834+/-0.003 χ^2/NDF : 1536394.7/43

20.132+/-0.003 χ^2/NDF : 2124512.4/45

reg_asym_right_avg_mean vs slug



Right In: 432.872 $\pm$ 43.127 χ^2 /NDF: 15.4/15

Left Out: 495.999 $\pm$ 36.890 χ^2 /NDF:39.3/24

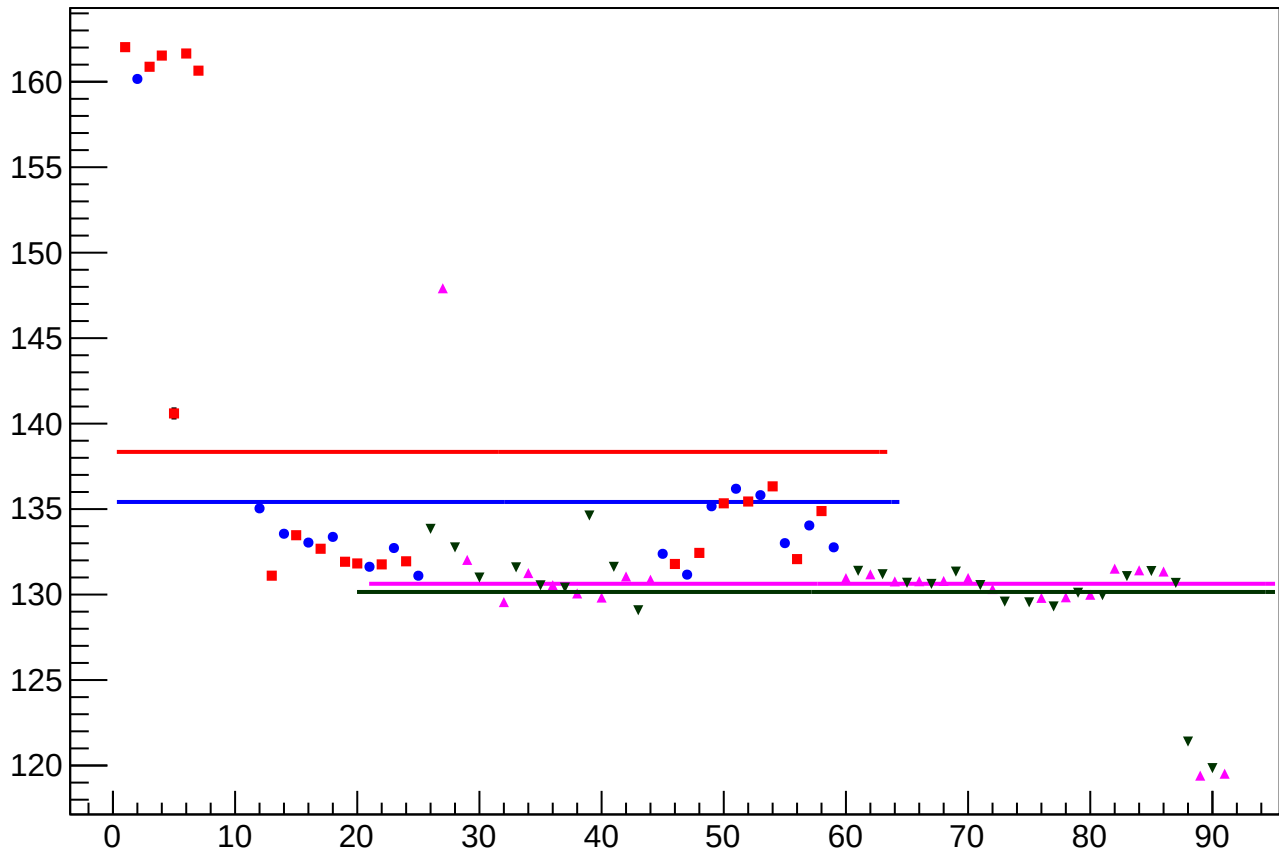
Right Out: -482.228 $\pm$ 45.916 χ^2 /NDF: 25.5/19

Left In: -455.619 $\pm$ 35.743 χ^2 /NDF:40.9/23

469.327 $\pm$ 28.033 χ^2 /NDF: 55.9/40

-465.659 $\pm$ 28.205 χ^2 /NDF: 66.6/43

reg_asym_right_avg_rms vs slug



Right In: 135.417 $\pm$ 0.030 χ^2 /NDF: 53385.7/15

Left Out: 130.152 $\pm$ 0.026 χ^2 /NDF: 14262.3/24

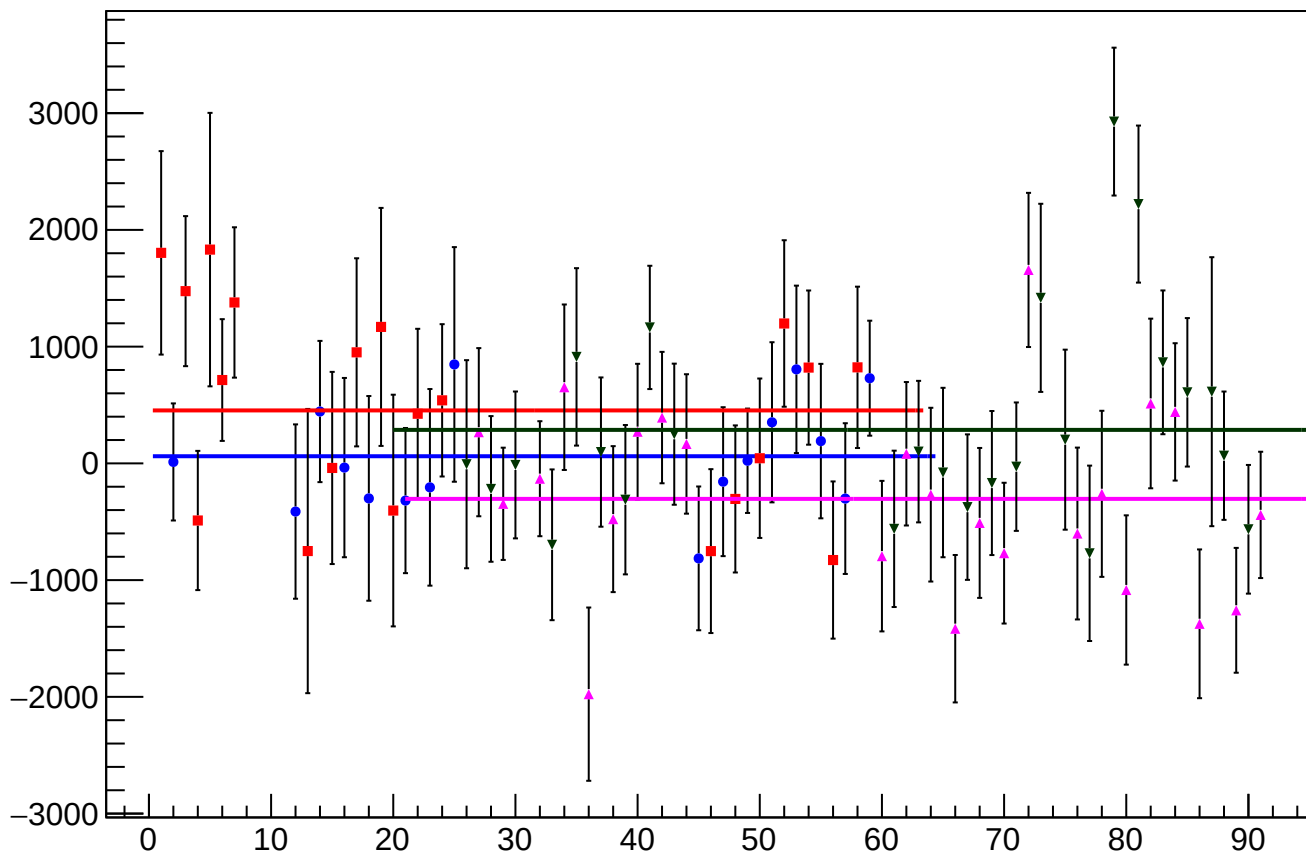
132.376 $\pm$ 0.020 χ^2 /NDF: 84860.4/40

Right Out: 138.346 $\pm$ 0.032 χ^2 /NDF: 113694.2/19

133.542 $\pm$ 0.020 χ^2 /NDF: 189155.3/43

Left In: 130.631 $\pm$ 0.025 χ^2 /NDF: 40305.9/23

asym_right_avg_correction_mean vs slug



Right In: 61.140+/-159.188 χ^2/NDF : 7.7/15

Left Out: 286.875+/-129.945 χ^2/NDF : 45.1/24

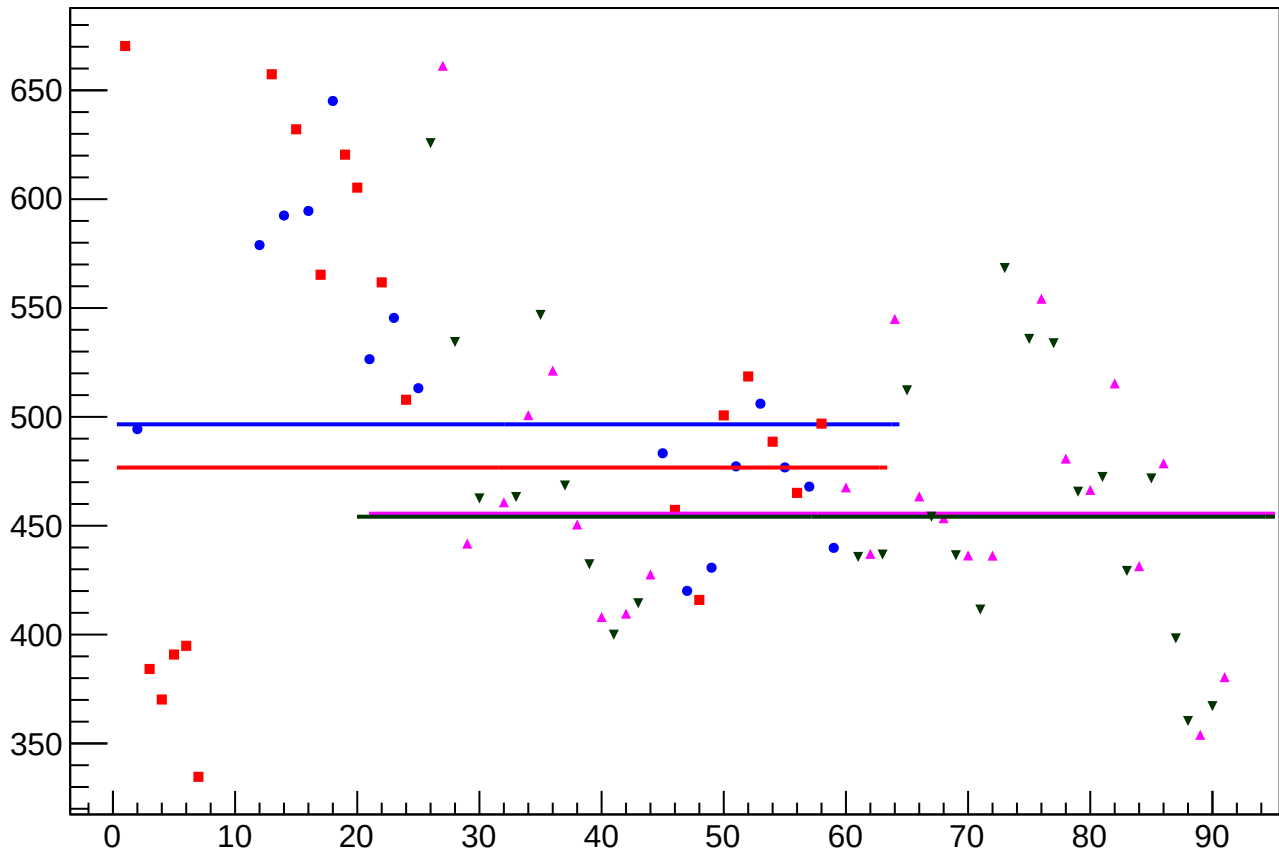
Right Out: 453.577+/-161.104 χ^2/NDF : 24.2/19

Left In: -304.168+/-126.064 χ^2/NDF : 35.1/23

196.608+/-100.665 χ^2/NDF : 53.9/40

-16.397+/-99.281 χ^2/NDF : 72.9/43

asym_right_avg_correction_rms vs slug



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

Left Out: 454.147+/-0.092 χ^2/NDF : 405282.1/24

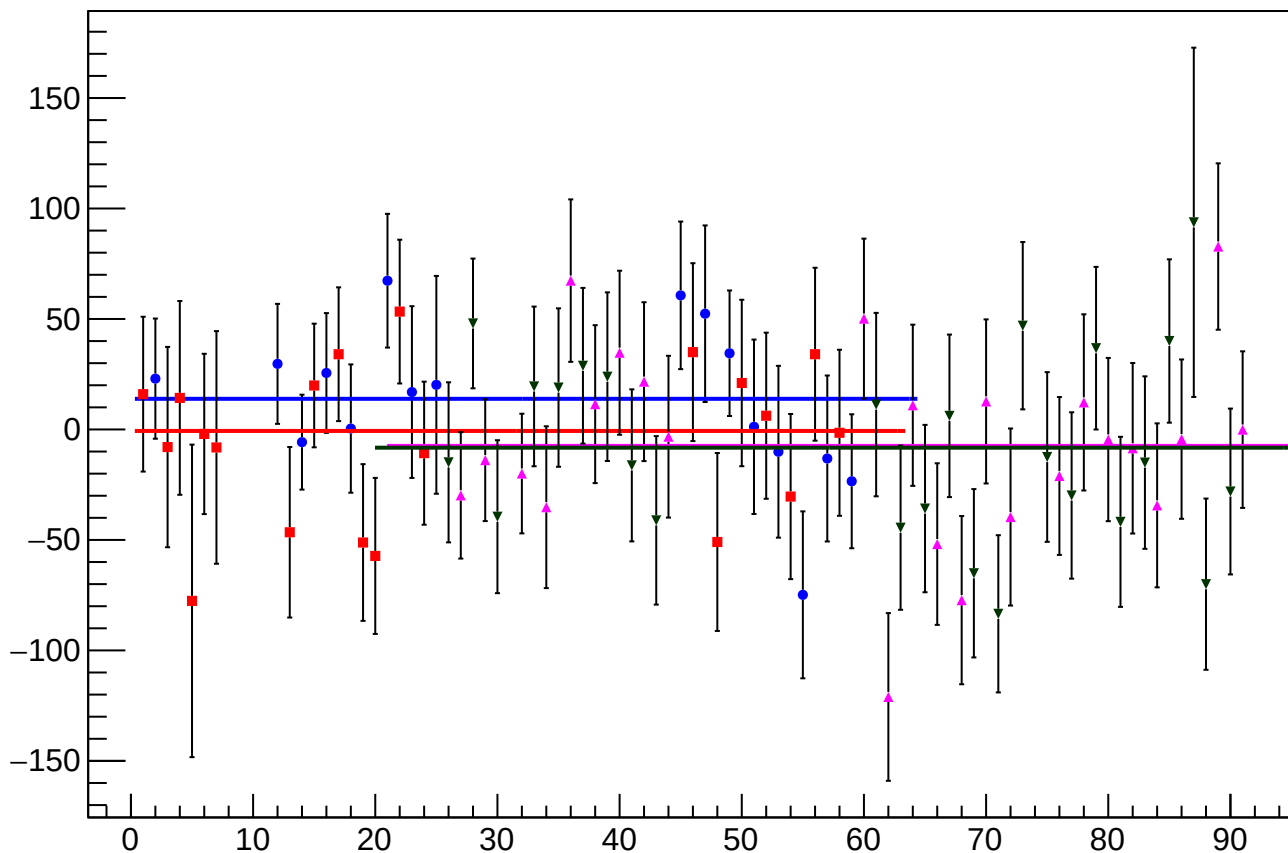
Right Out: 476.725+/-0.114 χ^2/NDF : 638546.9/19

Left In: 455.547+/-0.089 χ^2/NDF : 424843.0/23

471.116+/-0.071 χ^2/NDF : 774412.0/40

463.590+/-0.070 χ^2/NDF : 1084825.9/43

reg_asym_right_dd_mean vs slug



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

Left Out: -8.252 $\pm$ 7.461 χ^2 /NDF: 27.8/24

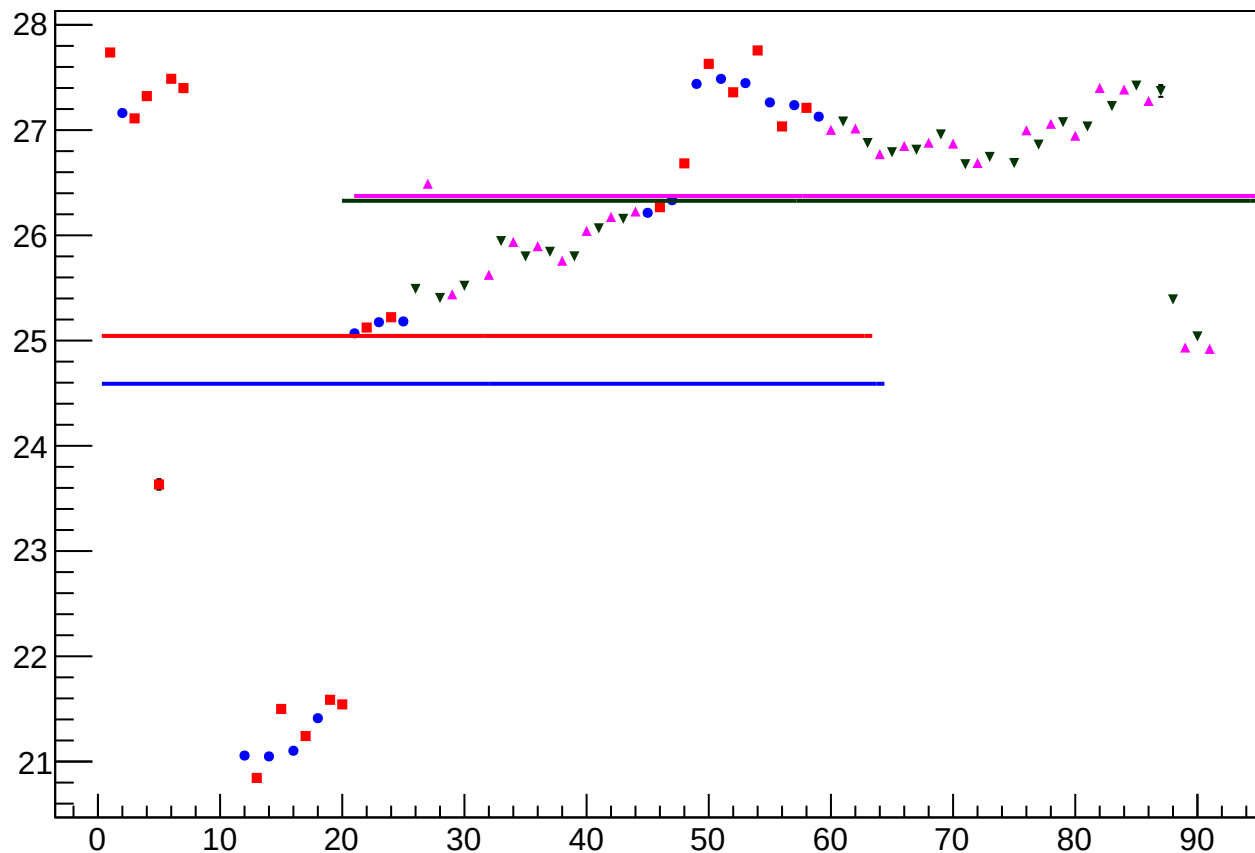
Right Out: -0.675 $\pm$ 8.333 χ^2 /NDF: 16.4/19

Left In: -7.433 $\pm$ 7.212 χ^2 /NDF: 32.1/23

2.221 $\pm$ 5.414 χ^2 /NDF: 48.2/40

-4.539 $\pm$ 5.453 χ^2 /NDF: 48.9/43

reg_asym_right_dd_rms vs slug



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

Left Out: 26.328+/-0.005 χ^2/NDF :17200.5/24

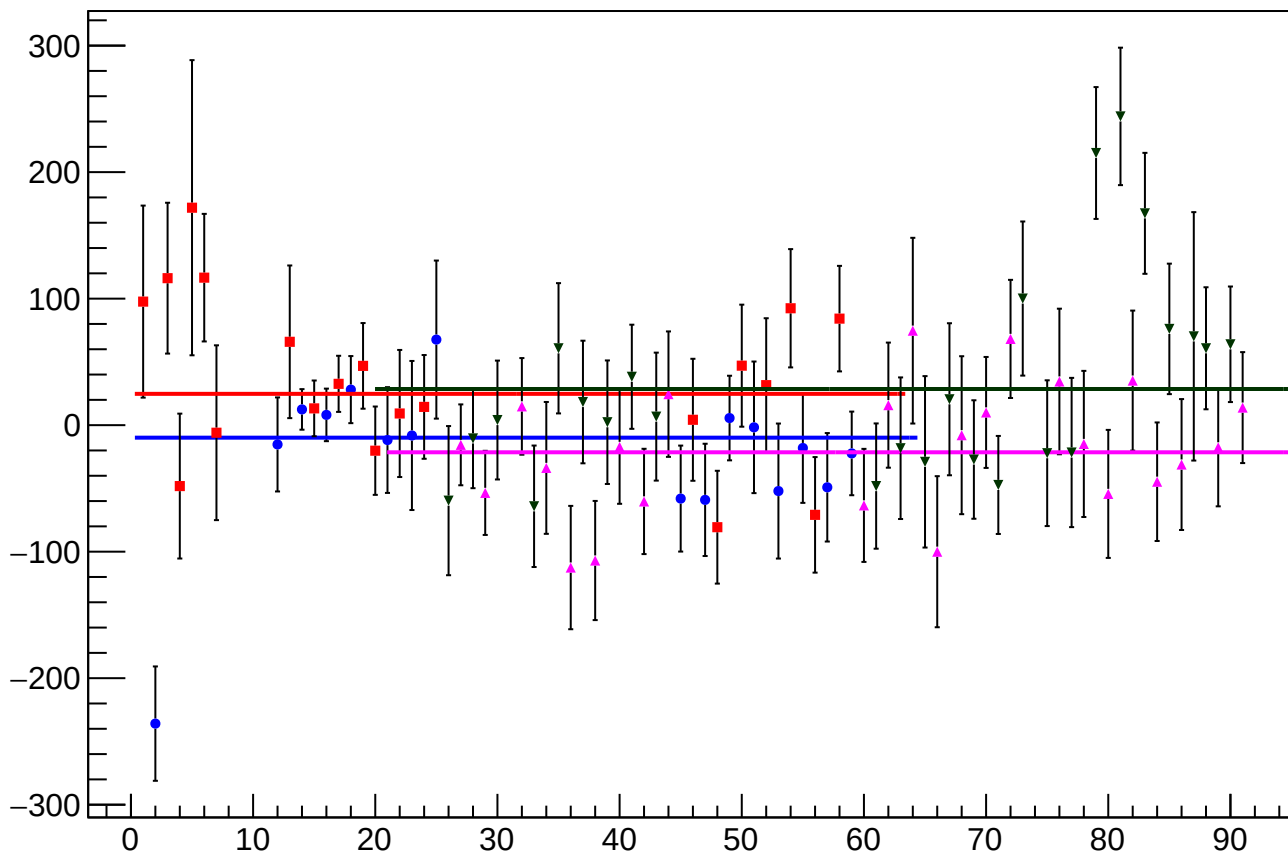
Right Out: 25.044+/-0.006 χ^2/NDF : 205862.1/19

Left In: 26.374+/-0.005 χ^2/NDF :20031.6/23

25.505+/-0.004 χ^2/NDF : 317240.1/40

25.805+/-0.004 χ^2/NDF : 255006.4/43

asym_right_dd_correction_mean vs slug



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

Left Out: 28.583+/-10.122 χ^2/NDF : 59.2/24

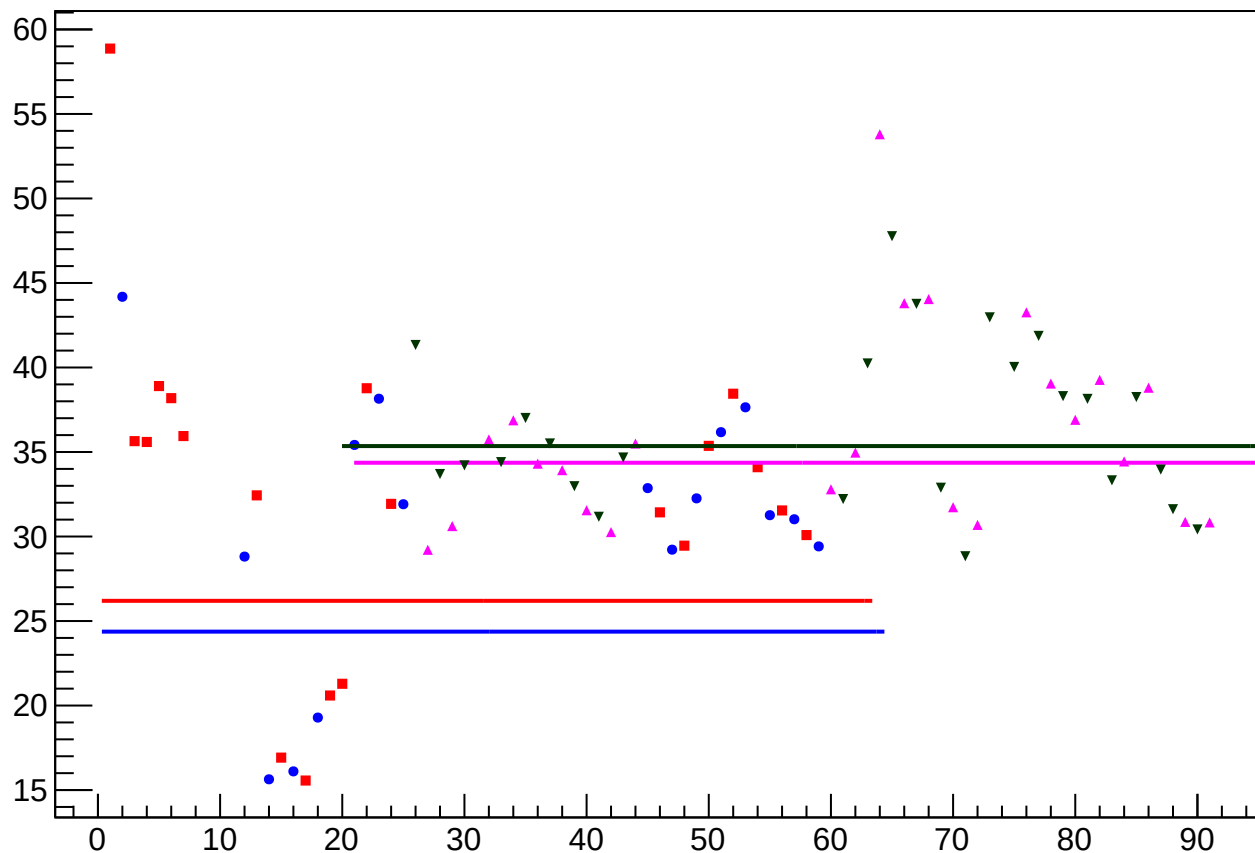
Right Out: 24.747+/-9.237 χ^2/NDF : 27.6/19

Left In: -21.444+/-9.523 χ^2/NDF : 23.0/23

5.499+/-6.401 χ^2/NDF : 103.6/40

2.356+/-6.630 χ^2/NDF : 62.7/43

asym_right_dd_correction_rms vs slug



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

Left Out: 35.351 ± 0.007 χ^2/NDF : 372015.9/24

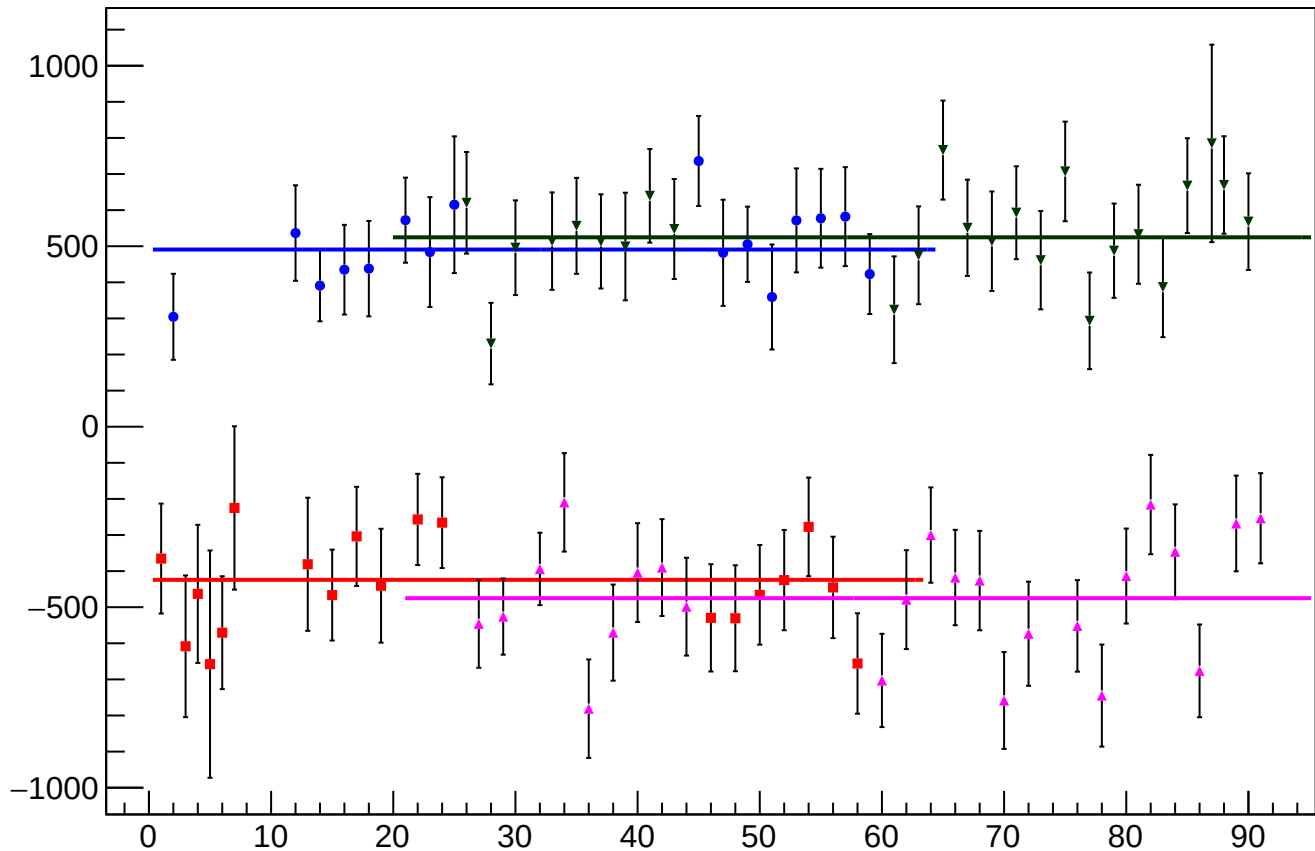
Right Out: 26.195 ± 0.007 χ^2/NDF : 2061851.1/19

Left In: 34.365 ± 0.007 χ^2/NDF : 494446.9/23

28.763 ± 0.005 χ^2/NDF : 4048686.7/40

30.155 ± 0.005 χ^2/NDF : 3314808.9/43

reg_asym_us_avg_mean vs slug



Right In: 490.833 ± 31.930 $\chi^2/\text{NDF}: 11.1/15$

Left Out: 524.702 ± 27.274 $\chi^2/\text{NDF}: 23.0/24$

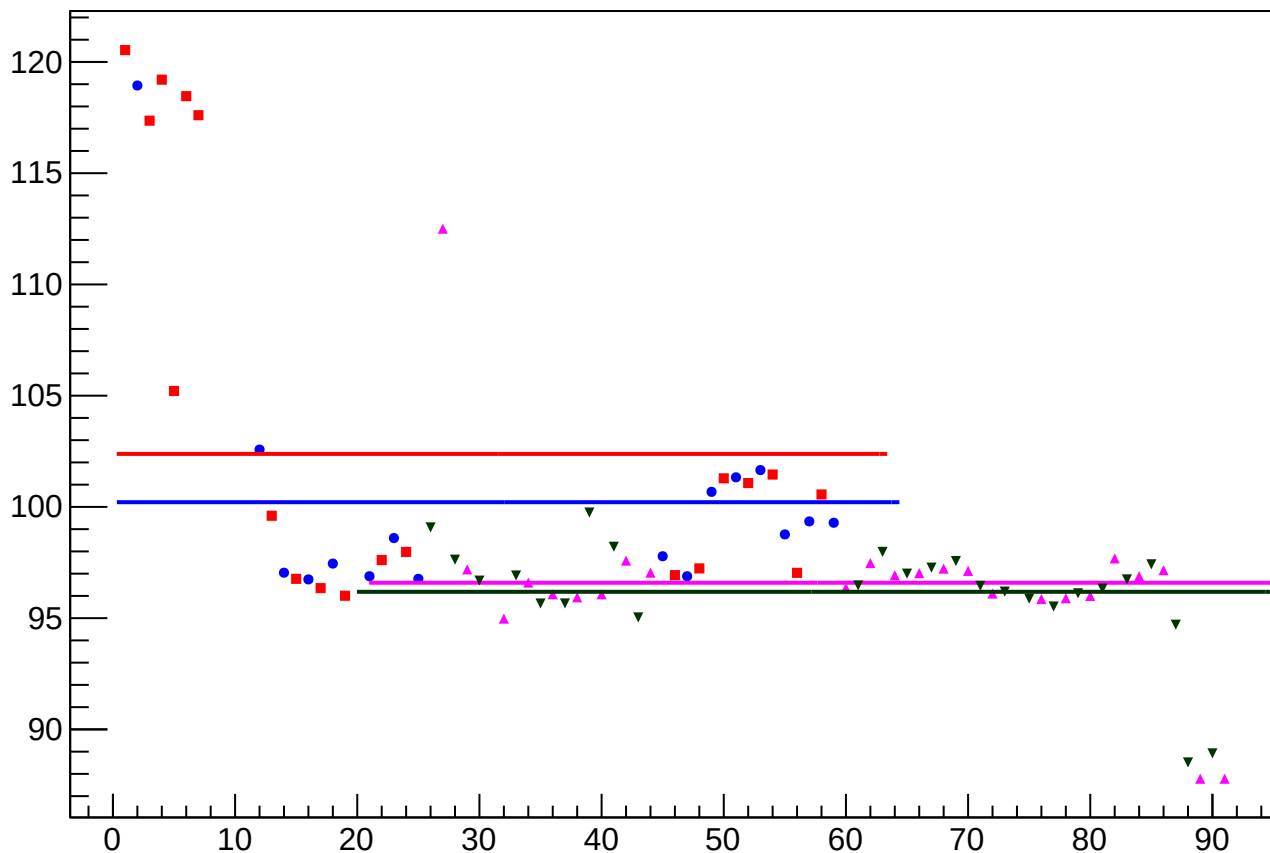
Right Out: -424.203 ± 34.702 $\chi^2/\text{NDF}: 12.6/18$

Left In: -474.958 ± 26.441 $\chi^2/\text{NDF}: 38.1/23$

510.415 ± 20.738 $\chi^2/\text{NDF}: 34.8/40$

-456.315 ± 21.031 $\chi^2/\text{NDF}: 52.1/42$

reg_asym_us_avg_rms vs slug



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

Left Out: 96.185 $\pm$ 0.019 χ^2 /NDF:16530.4/24

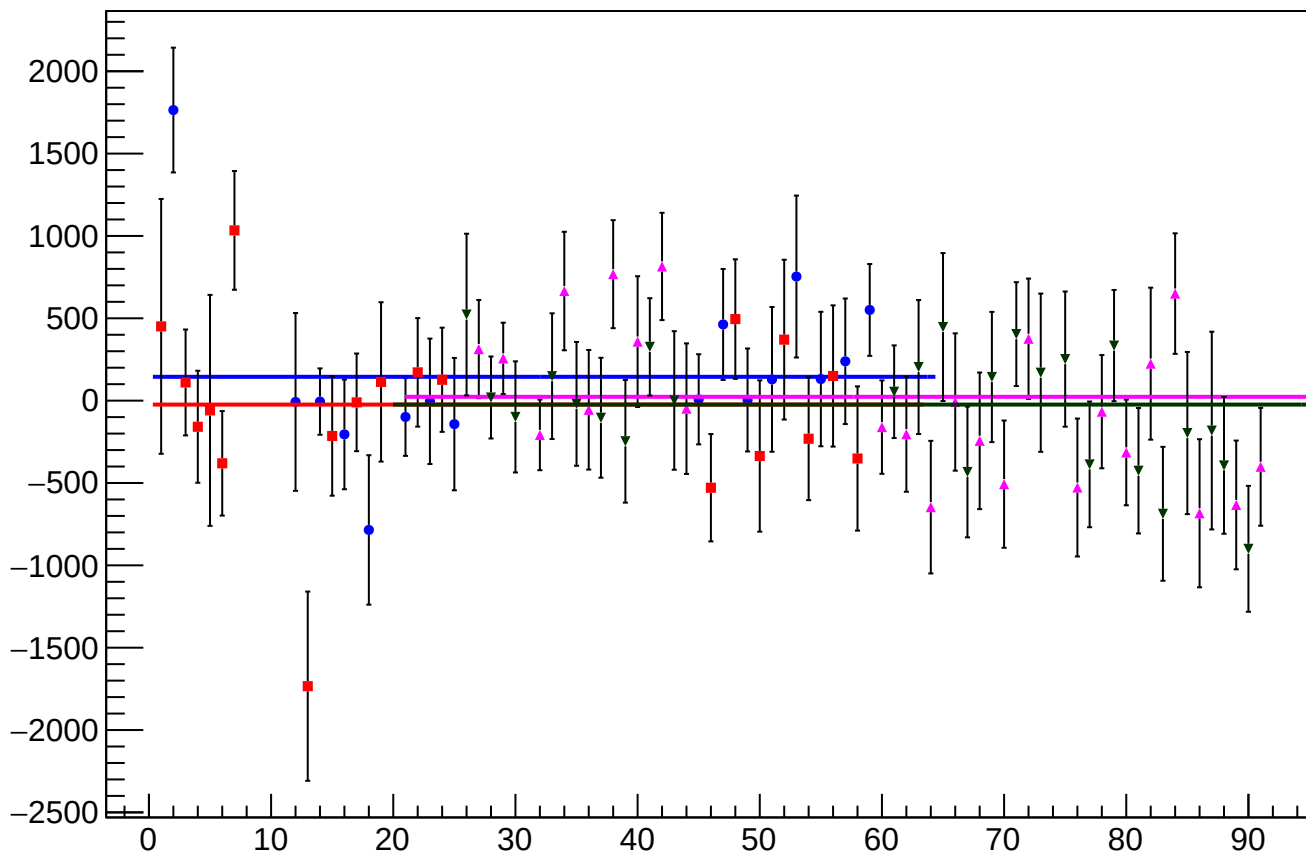
Right Out: 102.383 $\pm$ 0.025 χ^2 /NDF: 111573.0/18

Left In: 96.591 $\pm$ 0.019 χ^2 /NDF:54265.6/23

97.884 $\pm$ 0.015 χ^2 /NDF: 94525.5/40

98.719 $\pm$ 0.015 χ^2 /NDF: 201082.6/42

asym_us_avg_correction_mean vs slug



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

Left Out: -23.908 $\pm$ 74.601 χ^2 /NDF:20.6/24

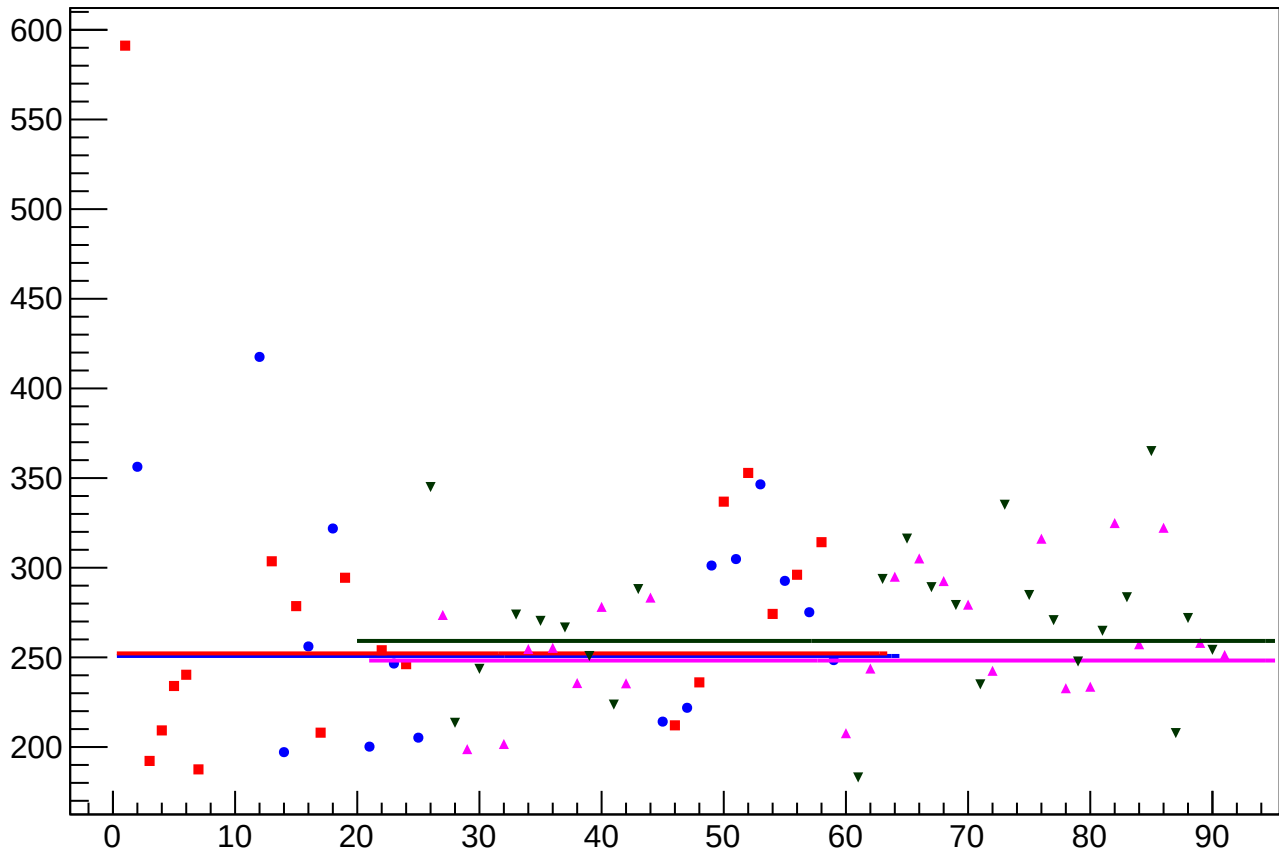
Right Out: -23.902 $\pm$ 88.046 χ^2 /NDF: 27.0/18

Left In: 23.307 $\pm$ 69.177 χ^2 /NDF:37.9/23

52.048 $\pm$ 55.297 χ^2 /NDF: 53.9/40

5.288 $\pm$ 54.396 χ^2 /NDF: 65.1/42

asym_us_avg_correction_rms vs slug



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

Left Out: 259.169+/-0.053 χ^2/NDF : 578098.9/24

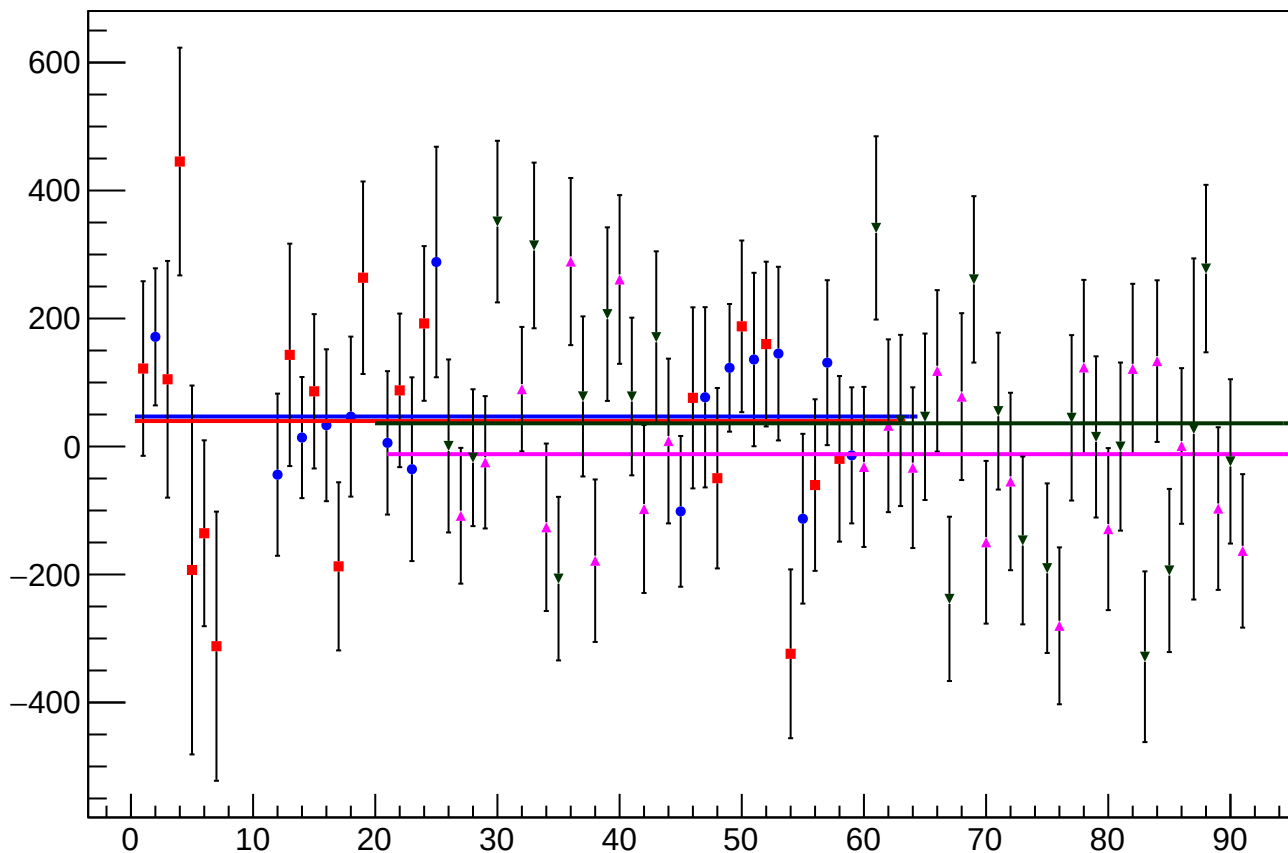
255.394+/-0.039 χ^2/NDF : 1482563.7/40

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

249.755+/-0.038 χ^2/NDF : 1461835.0/42

Left In: 248.238+/-0.049 χ^2/NDF : 562033.6/23

reg_asym_us_dd_mean vs slug



Right In: 46.860 $\pm$ 30.257 χ^2 /NDF: 9.6/15

Left Out: 36.253 $\pm$ 26.147 χ^2 /NDF:49.1/24

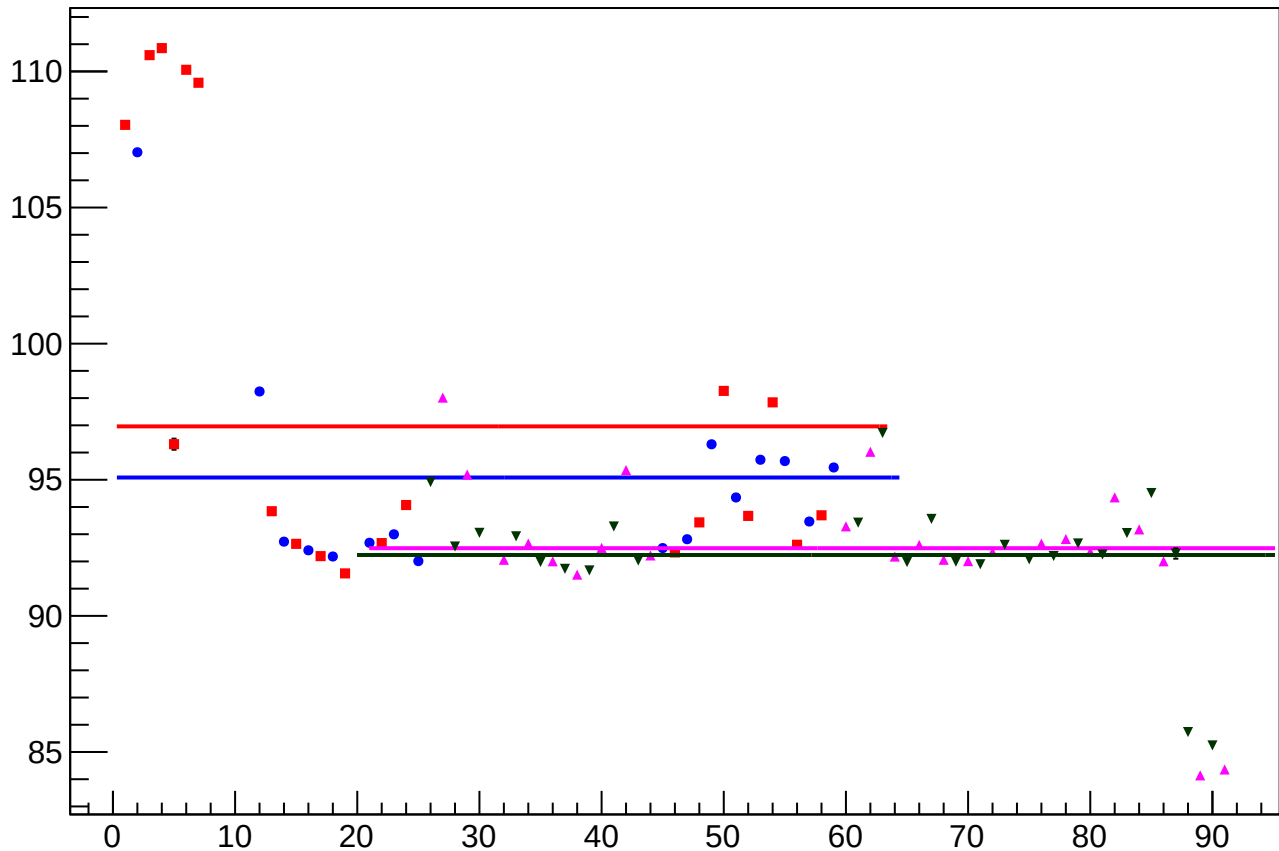
Right Out: 39.782 $\pm$ 32.832 χ^2 /NDF: 29.0/18

Left In: -11.963 $\pm$ 25.304 χ^2 /NDF:28.4/23

40.788 $\pm$ 19.784 χ^2 /NDF: 58.8/40

7.320 $\pm$ 20.043 χ^2 /NDF: 59.0/42

reg_asym_us_dd_rms vs slug



Right In: 95.083 $\pm$ 0.021 χ^2 /NDF: 33645.3/15

Left Out: 92.237 $\pm$ 0.018 χ^2 /NDF:15429.6/24

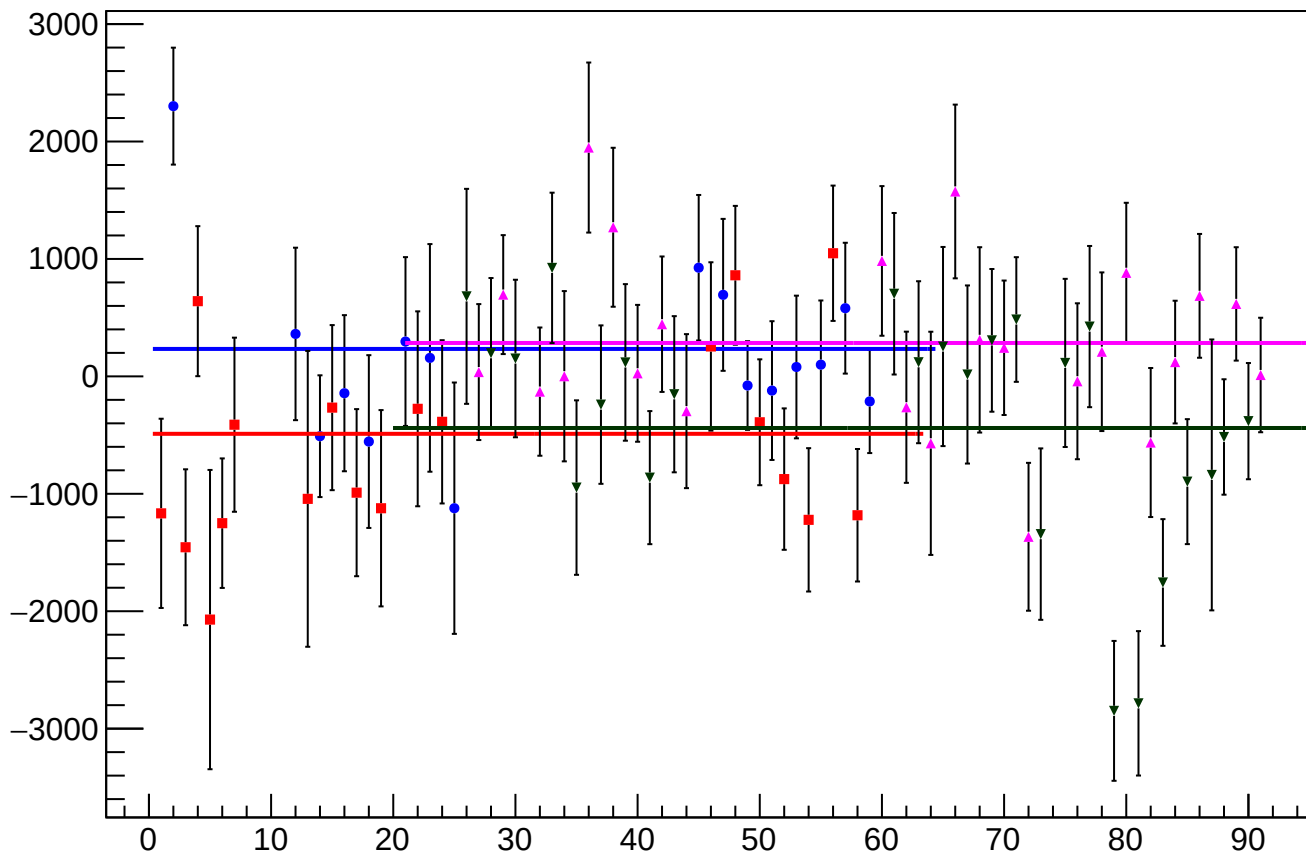
Right Out: 96.961 $\pm$ 0.023 χ^2 /NDF: 80211.1/18

Left In: 92.486 $\pm$ 0.018 χ^2 /NDF:27800.4/23

93.454 $\pm$ 0.014 χ^2 /NDF: 59201.4/40

94.154 $\pm$ 0.014 χ^2 /NDF: 131314.6/42

asym_us_dd_correction_mean vs slug



Right In: 233.668 $\pm$ 146.003 χ^2 /NDF: 26.8/15

Left Out: -439.639 $\pm$ 128.154 χ^2 /NDF:60.2/24

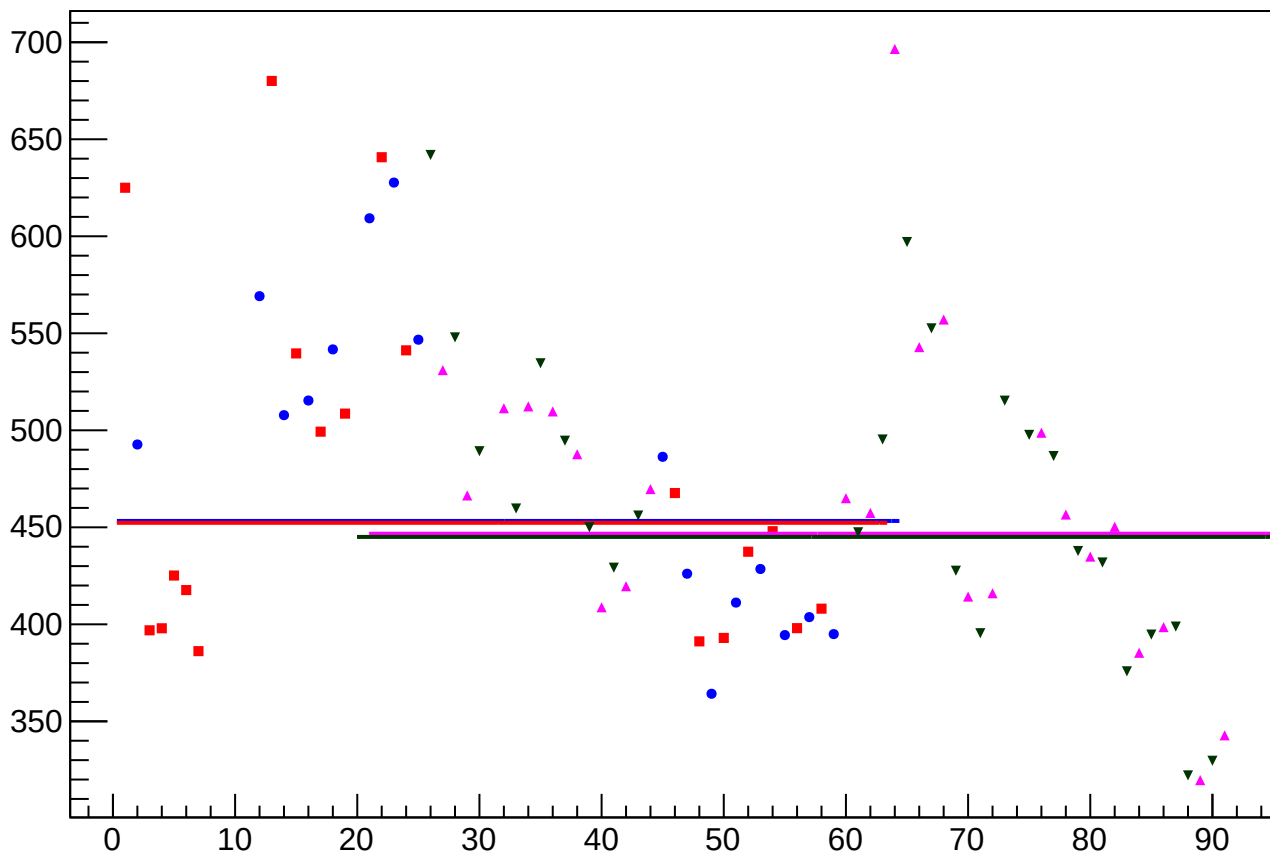
Right Out: -489.208 $\pm$ 155.326 χ^2 /NDF: 27.7/18

Left In: 284.397 $\pm$ 124.024 χ^2 /NDF:27.2/23

-146.637 $\pm$ 96.315 χ^2 /NDF: 99.0/40

-16.794 $\pm$ 96.918 χ^2 /NDF: 70.0/42

asym_us_dd_correction_rms vs slug



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

Left Out: 445.048+/-0.091 χ^2/NDF : 655831.2/24

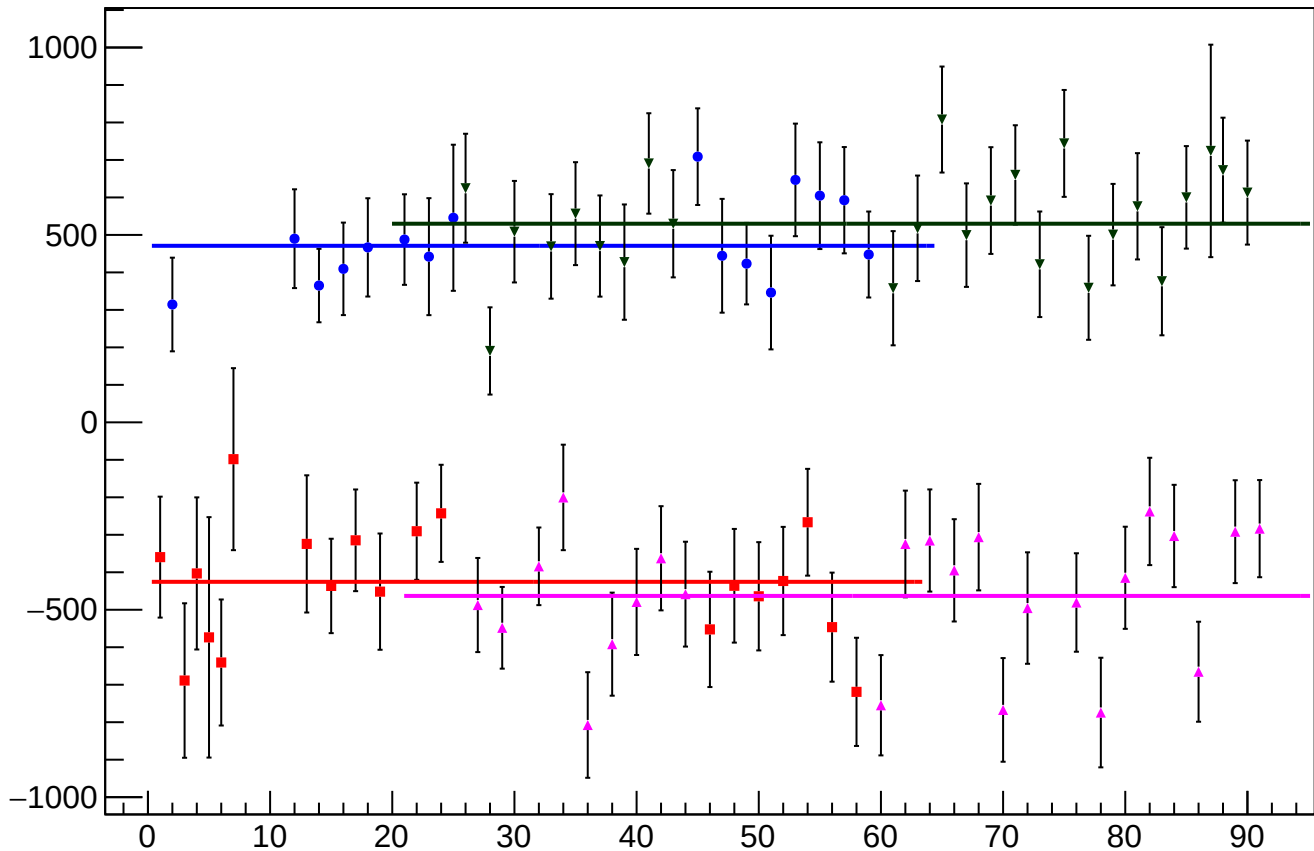
Right Out: 452.322+/-0.110 χ^2/NDF : 472971.4/18

Left In: 446.703+/-0.088 χ^2/NDF : 639326.5/23

448.632+/-0.068 χ^2/NDF : 1172531.4/40

448.891+/-0.069 χ^2/NDF : 1113896.3/42

reg_asym_ds_avg_mean vs slug



Right In: 470.980 ± 32.674 χ^2/NDF : 10.5/15

Left Out: 529.899 ± 28.204 χ^2/NDF : 25.4/24

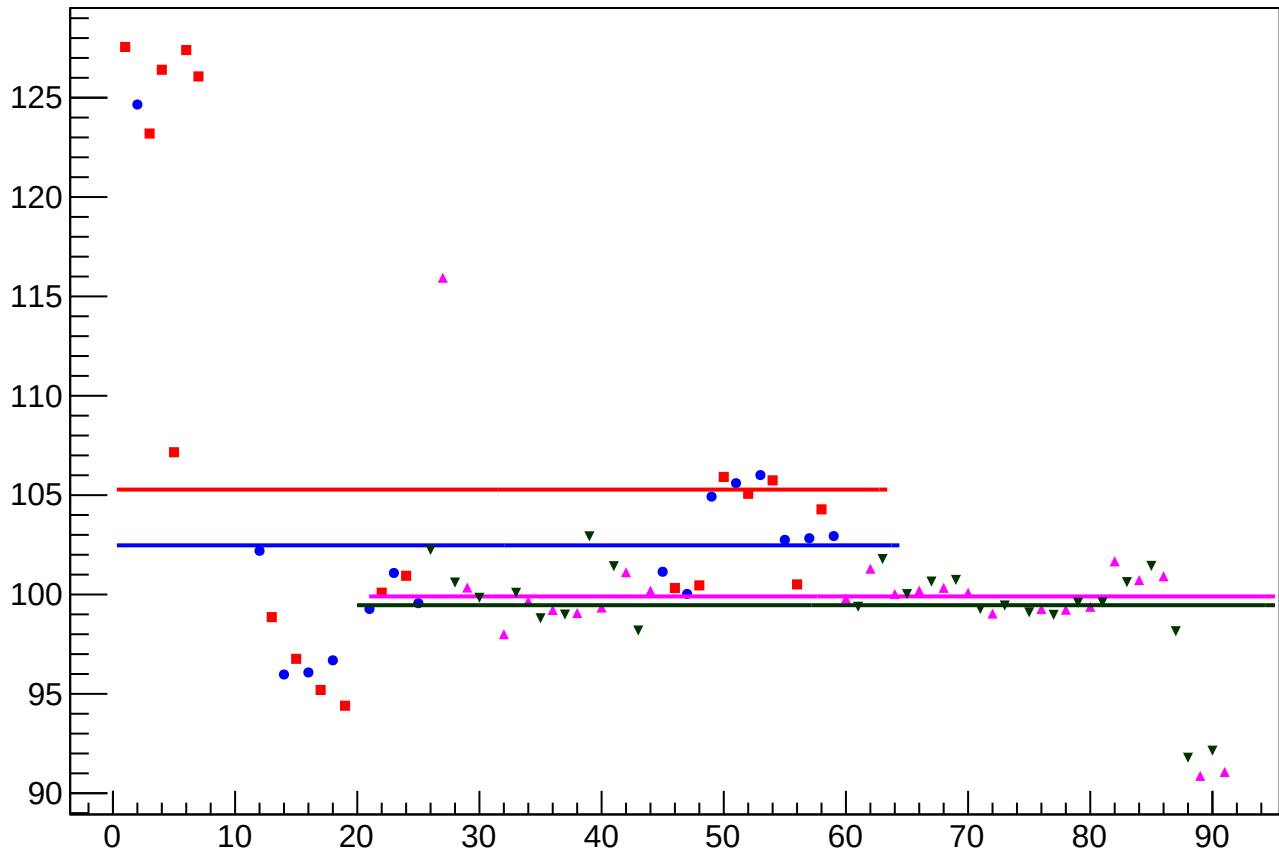
Right Out: -425.468 ± 35.749 χ^2/NDF : 16.4/18

Left In: -463.067 ± 27.348 χ^2/NDF : 39.6/23

504.743 ± 21.350 χ^2/NDF : 37.8/40

-449.186 ± 21.721 χ^2/NDF : 56.7/42

reg_asym_ds_avg_rms vs slug



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

Left Out: 99.461+/-0.020 χ^2/NDF :15743.9/24

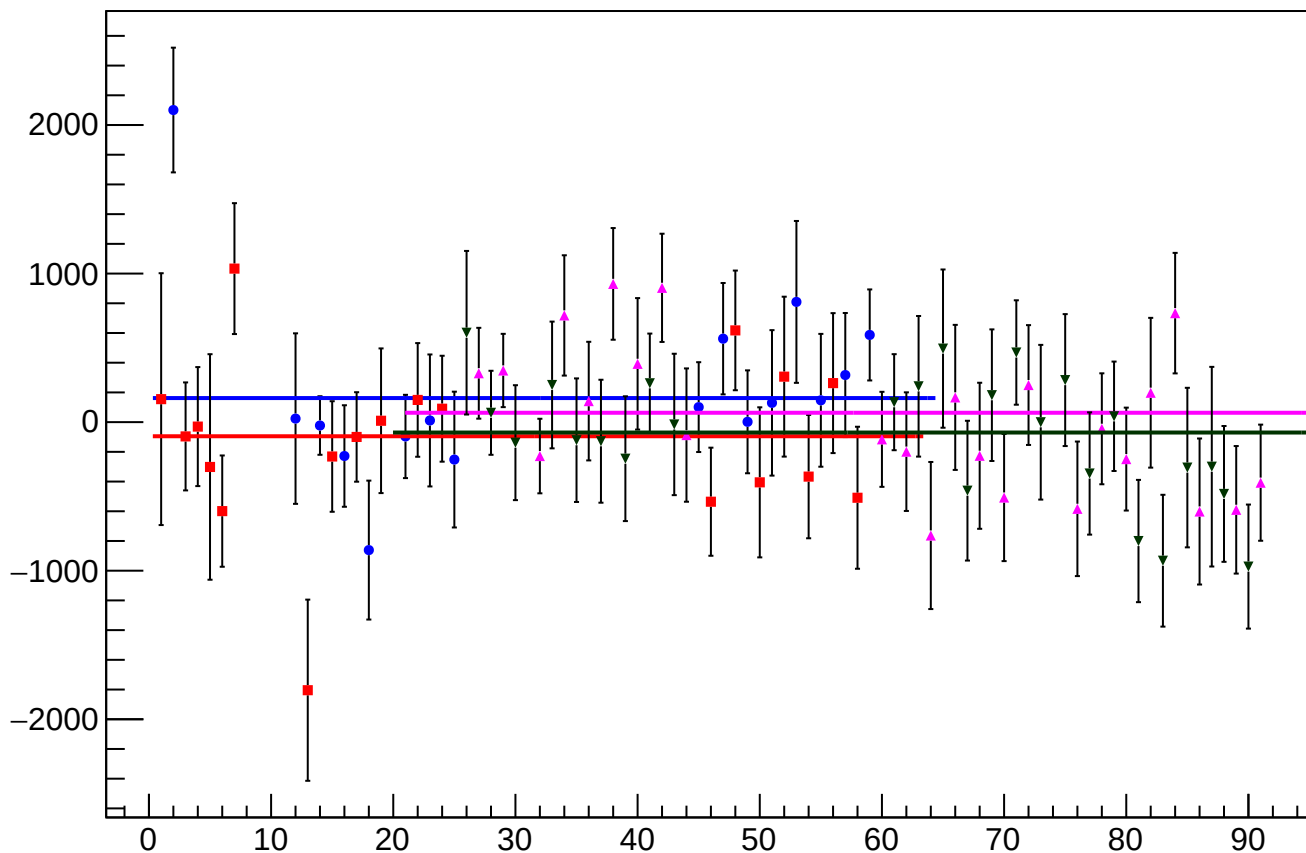
100.747+/-0.015 χ^2/NDF : 112383.8/40

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

101.888+/-0.015 χ^2/NDF : 249633.7/42

Left In: 99.904+/-0.019 χ^2/NDF :52492.9/23

asym_ds_avg_correction_mean vs slug



Right In: 162.016 ± 89.261 χ^2/NDF : 35.0/15

Left Out: -69.955 ± 83.585 χ^2/NDF : 22.7/24

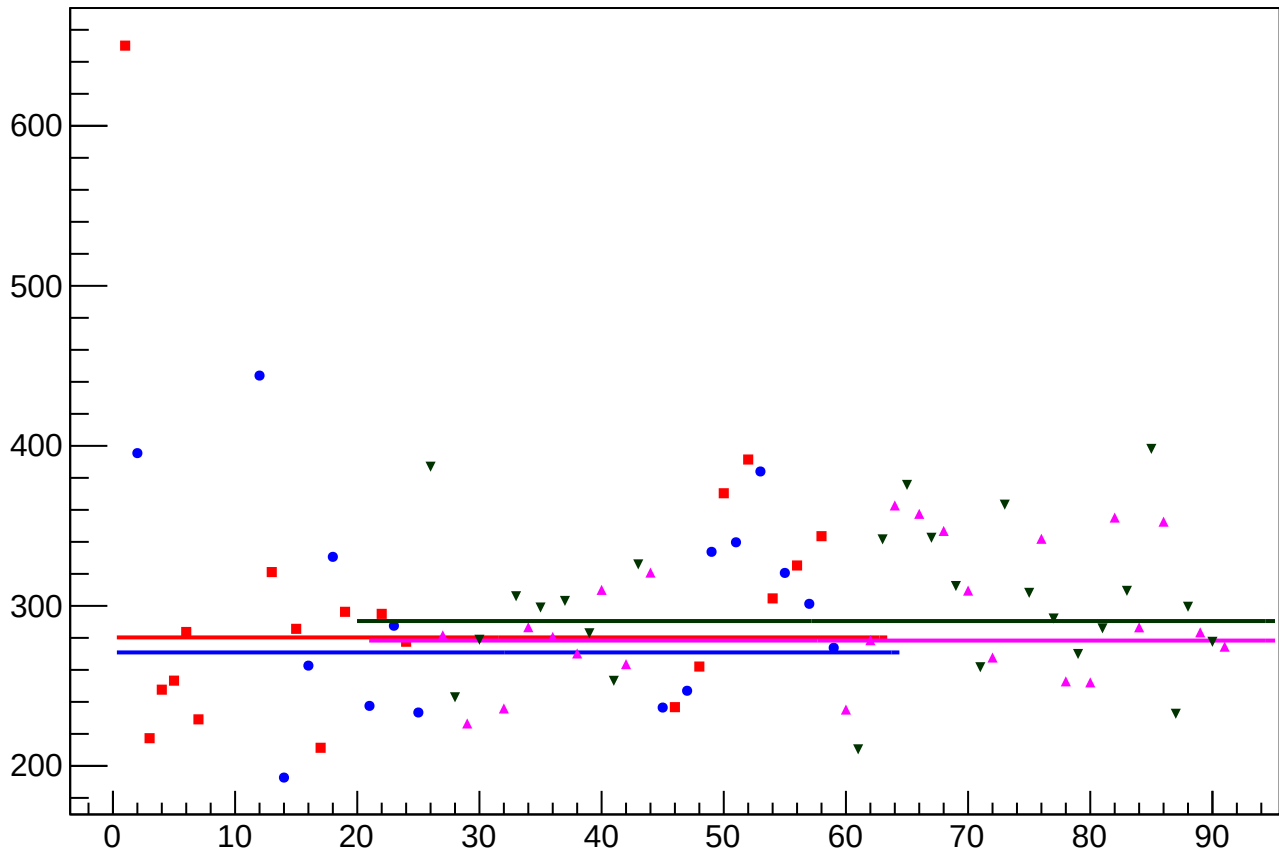
Right Out: -95.063 ± 97.659 χ^2/NDF : 24.6/18

Left In: 63.089 ± 77.459 χ^2/NDF : 34.7/23

38.422 ± 61.012 χ^2/NDF : 61.4/40

2.016 ± 60.687 χ^2/NDF : 60.8/42

asym_ds_avg_correction_rms vs slug



Right In: 270.910 $\pm$ 0.063 χ^2 /NDF: 1012526.2/15

Left Out: 290.526 $\pm$ 0.059 χ^2 /NDF: 552370.4/24

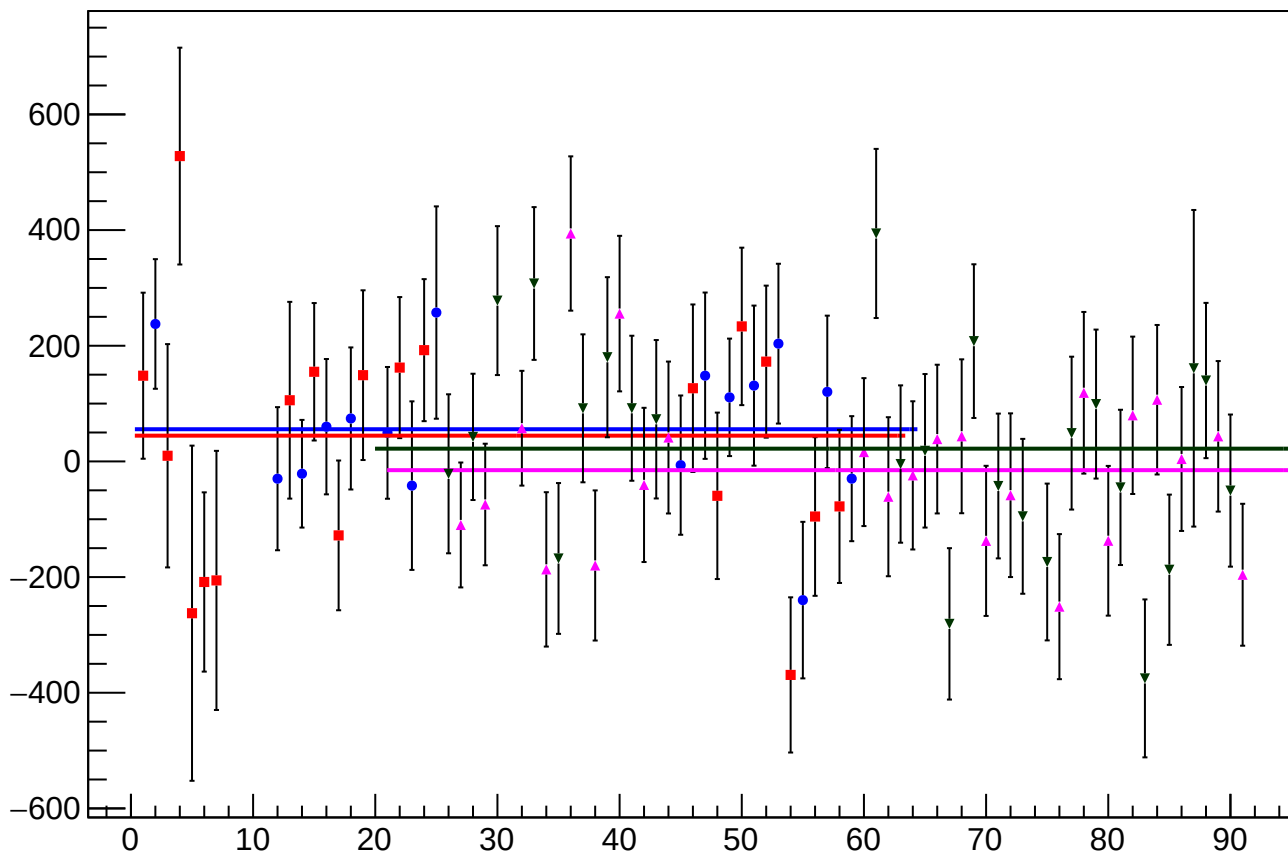
281.361 $\pm$ 0.043 χ^2 /NDF: 1616360.0/40

Right Out: 280.287 $\pm$ 0.069 χ^2 /NDF: 845252.8/18

279.080 $\pm$ 0.043 χ^2 /NDF: 1376443.9/42

Left In: 278.321 $\pm$ 0.055 χ^2 /NDF: 530693.6/23

reg_asym_ds_dd_mean vs slug



Right In: 55.642 $\pm$ 30.569 χ^2 /NDF: 13.5/15

Left Out: 22.043 $\pm$ 26.701 χ^2 /NDF: 42.9/24

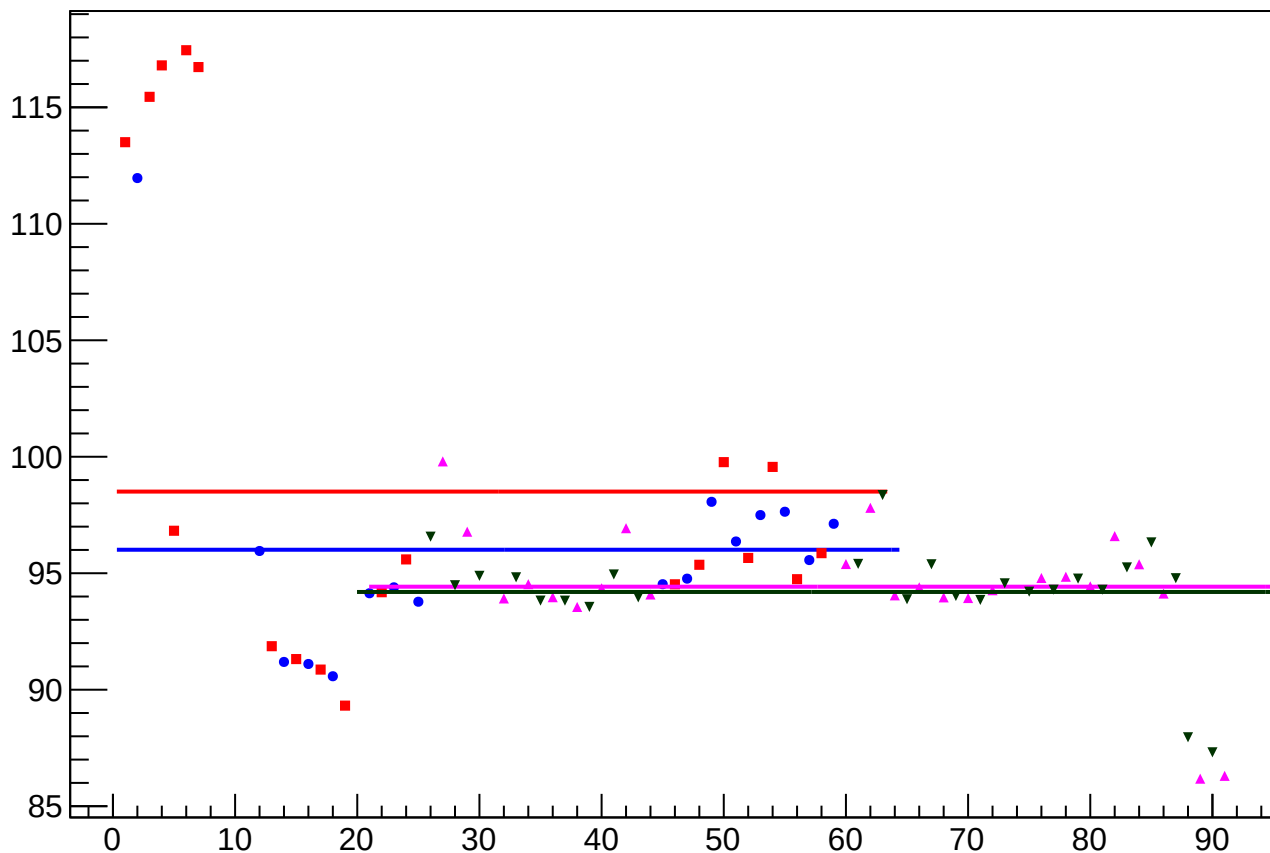
Right Out: 44.533 $\pm$ 33.410 χ^2 /NDF: 33.0/18

Left In: -15.138 $\pm$ 25.832 χ^2 /NDF: 29.2/23

36.583 $\pm$ 20.110 χ^2 /NDF: 57.1/40

7.188 $\pm$ 20.436 χ^2 /NDF: 64.2/42

reg_asym_ds_dd_rms vs slug



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

Left Out: 94.196 $\pm$ 0.019 χ^2 /NDF:13588.1/24

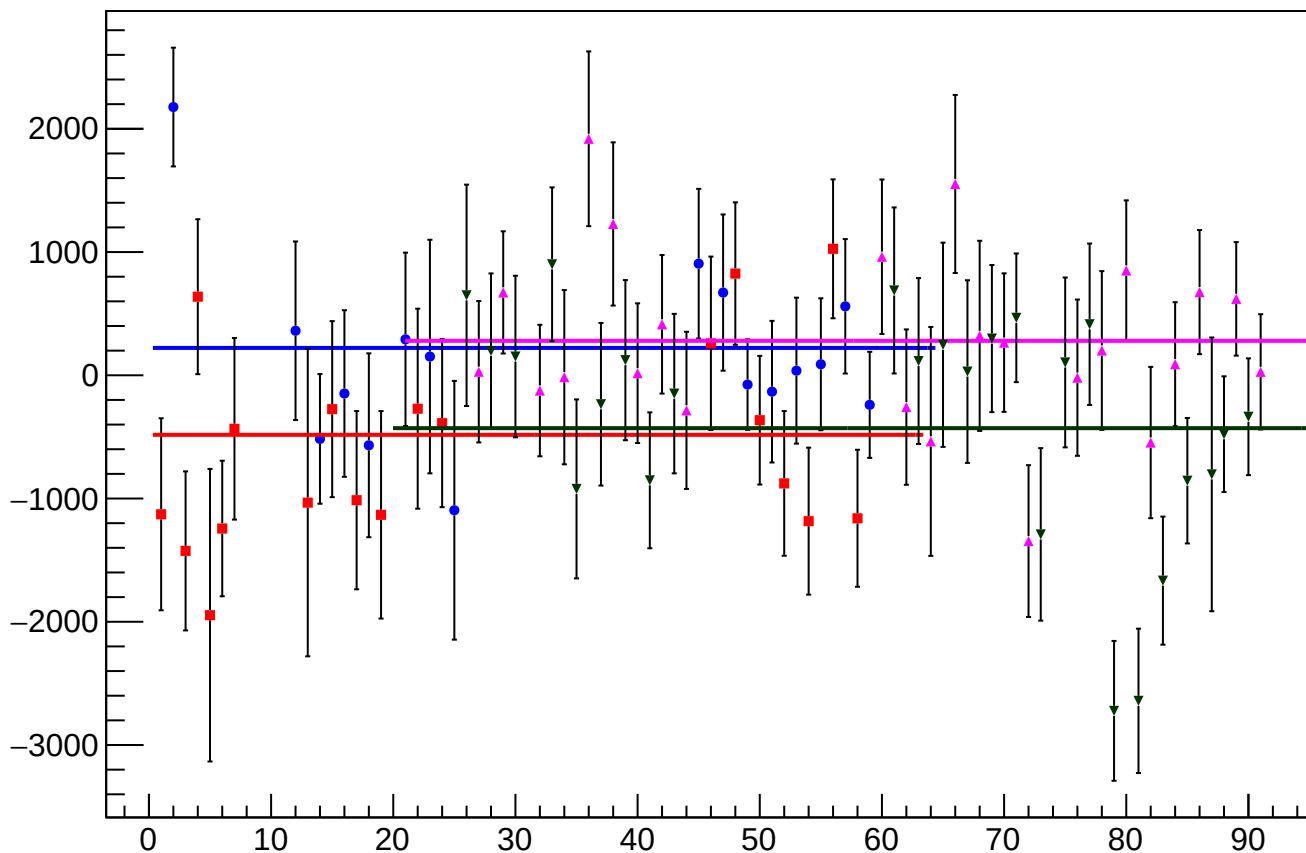
Right Out: 98.505 $\pm$ 0.024 χ^2 /NDF: 134278.6/18

Left In: 94.422 $\pm$ 0.018 χ^2 /NDF:25706.8/23

94.980 $\pm$ 0.014 χ^2 /NDF: 74007.6/40

95.950 $\pm$ 0.014 χ^2 /NDF: 178676.6/42

asym_ds_dd_correction_mean vs slug



Right In: 222.128 ± 143.449 χ^2/NDF : 26.0/15

Left Out: -429.069 ± 124.105 χ^2/NDF : 59.6/24

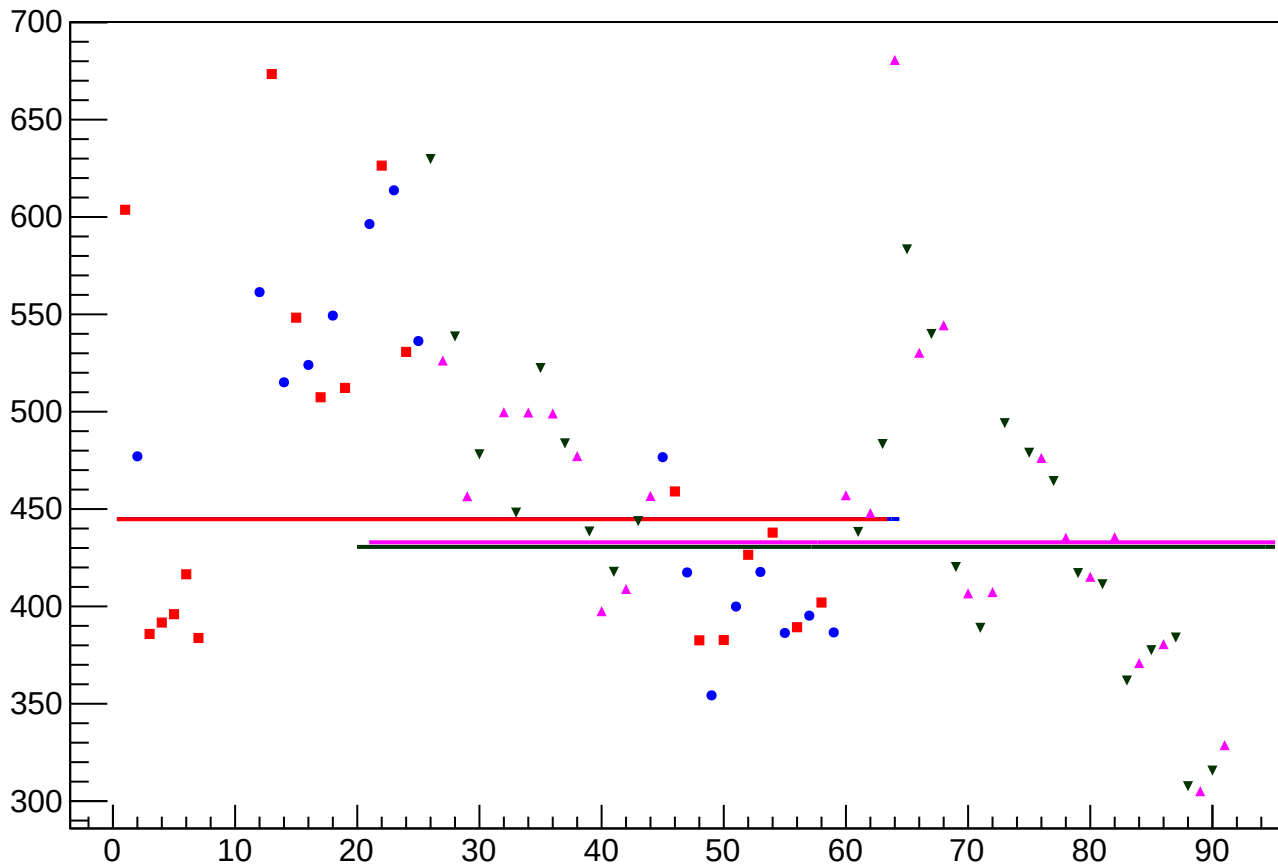
Right Out: -483.146 ± 152.833 χ^2/NDF : 27.7/18

Left In: 279.438 ± 120.321 χ^2/NDF : 27.4/23

-150.306 ± 93.855 χ^2/NDF : 97.4/40

-12.354 ± 94.539 χ^2/NDF : 70.5/42

asym_ds_dd_correction_rms vs slug



Right In: 444.882 $\pm$ 0.101 χ^2 /NDF: 558786.5/15

Left Out: 430.556 $\pm$ 0.088 χ^2 /NDF: 704053.9/24

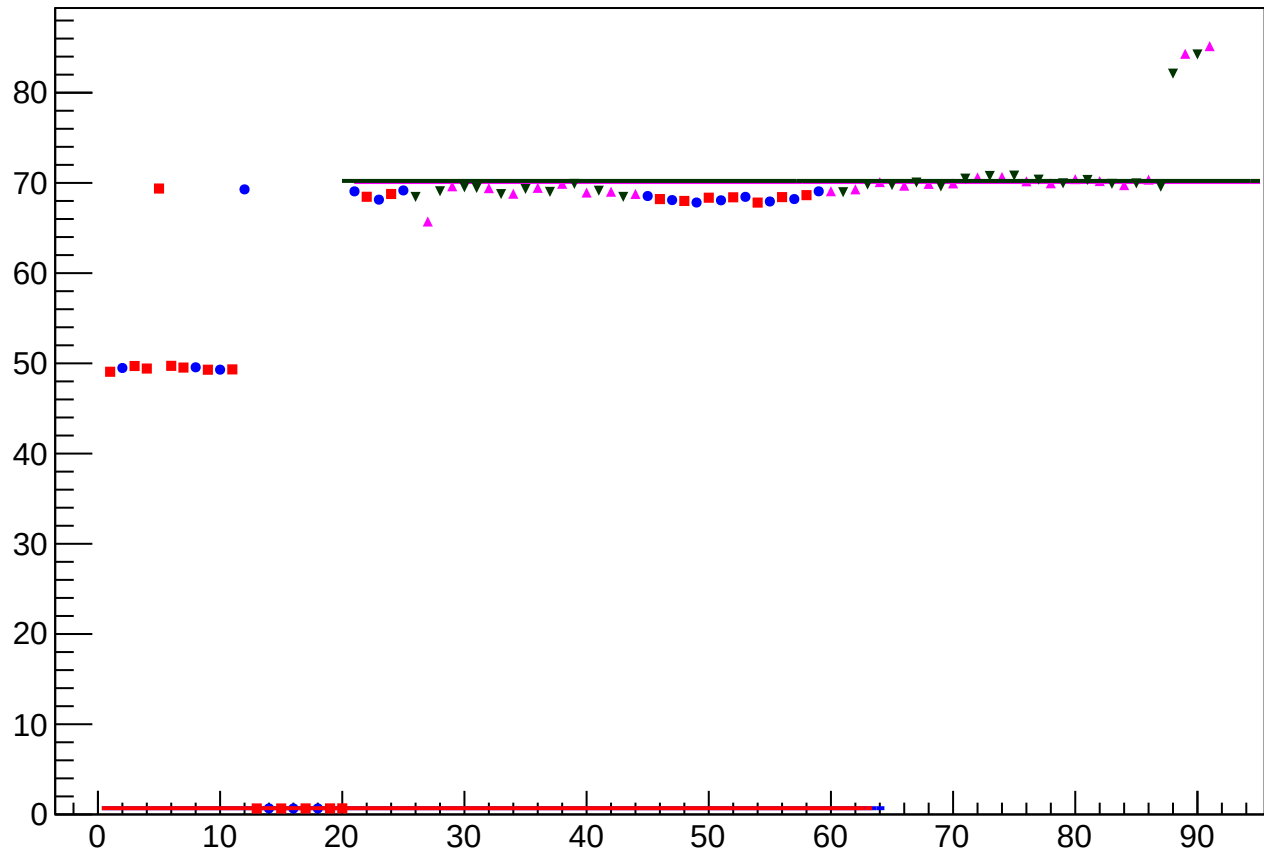
Right Out: 444.796 $\pm$ 0.108 χ^2 /NDF: 491246.0/18

Left In: 432.916 $\pm$ 0.085 χ^2 /NDF: 696169.9/23

436.688 $\pm$ 0.066 χ^2 /NDF: 1274248.5/40

437.461 $\pm$ 0.067 χ^2 /NDF: 1194876.5/42

yield_bcm_an_ds_mean vs slug



Right In: 0.692 $\pm$ 0.000 χ^2 /NDF: 1116102624090.5/17

Left Out: 70.222 $\pm$ 0.000 χ^2 /NDF: 2705788805.0/25

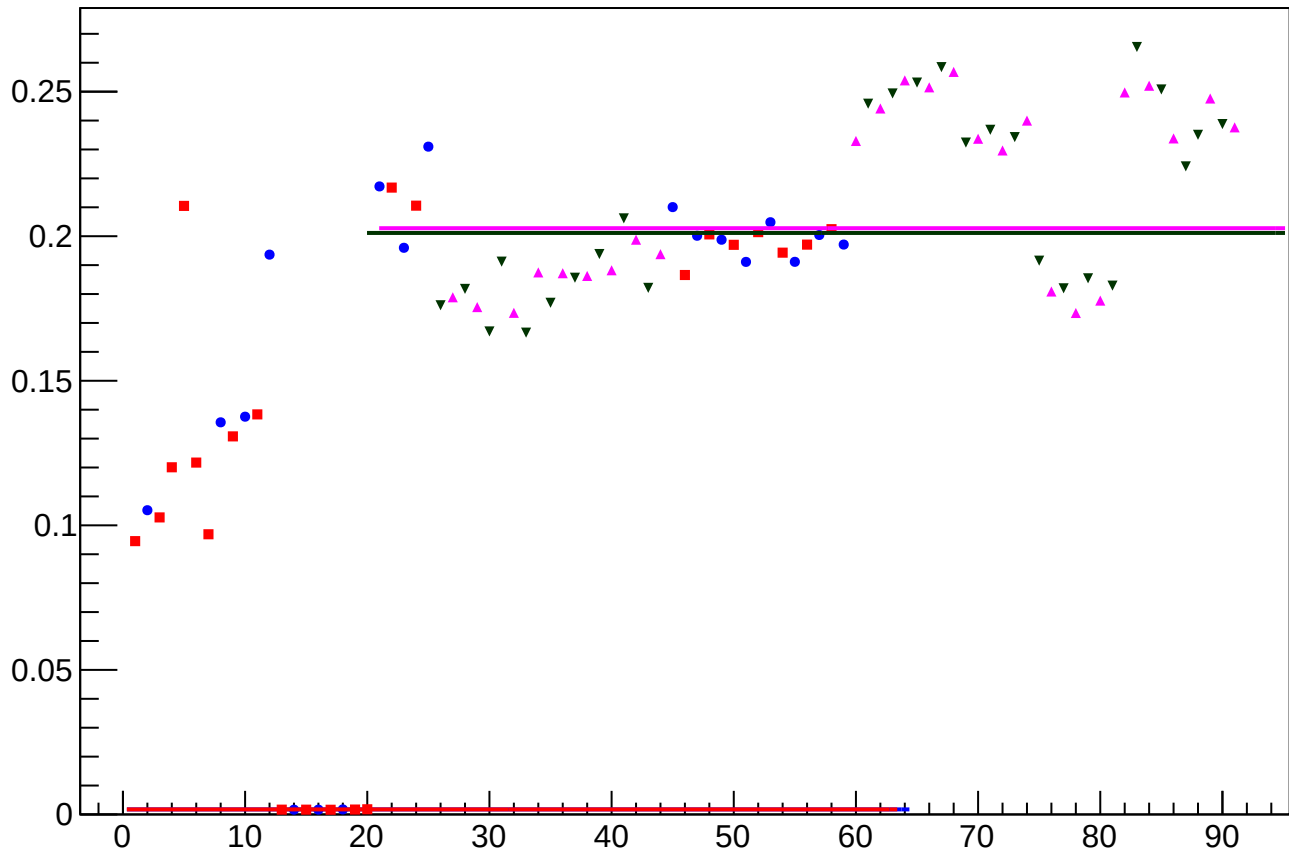
0.721 $\pm$ 0.000 χ^2 /NDF: 2573465580921.9/43

Right Out: 0.695 $\pm$ 0.000 χ^2 /NDF: 1103133463835.6/21

0.725 $\pm$ 0.000 χ^2 /NDF: 2656184629616.4/46

Left In: 70.096 $\pm$ 0.000 χ^2 /NDF: 3974000070.4/24

yield_bcm_an_ds_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 17479625.2/17

Left Out: 0.201 $\pm$ 0.000 χ^2 /NDF:550240.4/25

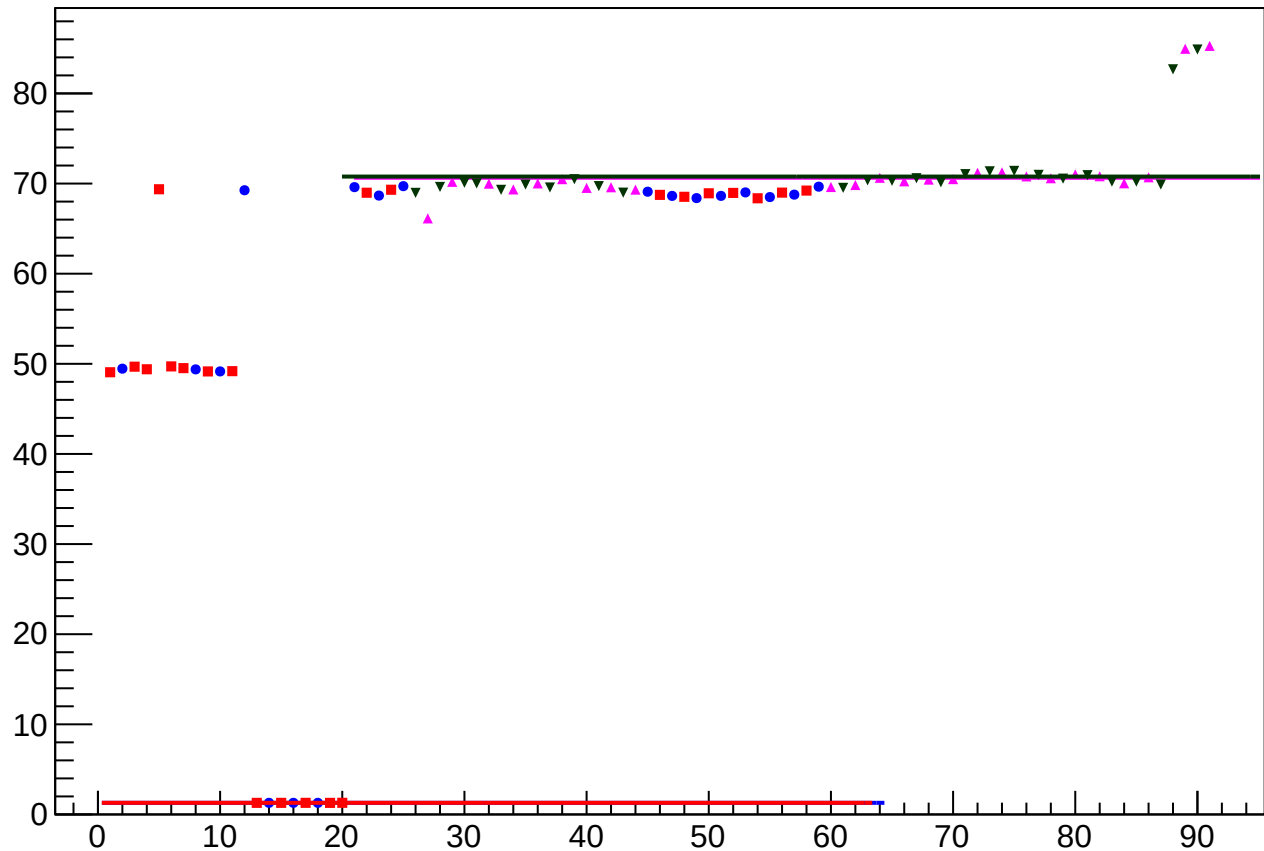
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 15463909.5/21

Left In: 0.203 $\pm$ 0.000 χ^2 /NDF:581257.9/24

0.002 $\pm$ 0.000 χ^2 /NDF: 41953109.7/43

0.002 $\pm$ 0.000 χ^2 /NDF: 42039383.3/46

yield_bcm_an_ds3_mean vs slug



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

Left Out: 70.776+/-0.000 χ^2/NDF : 2604642457.4/25

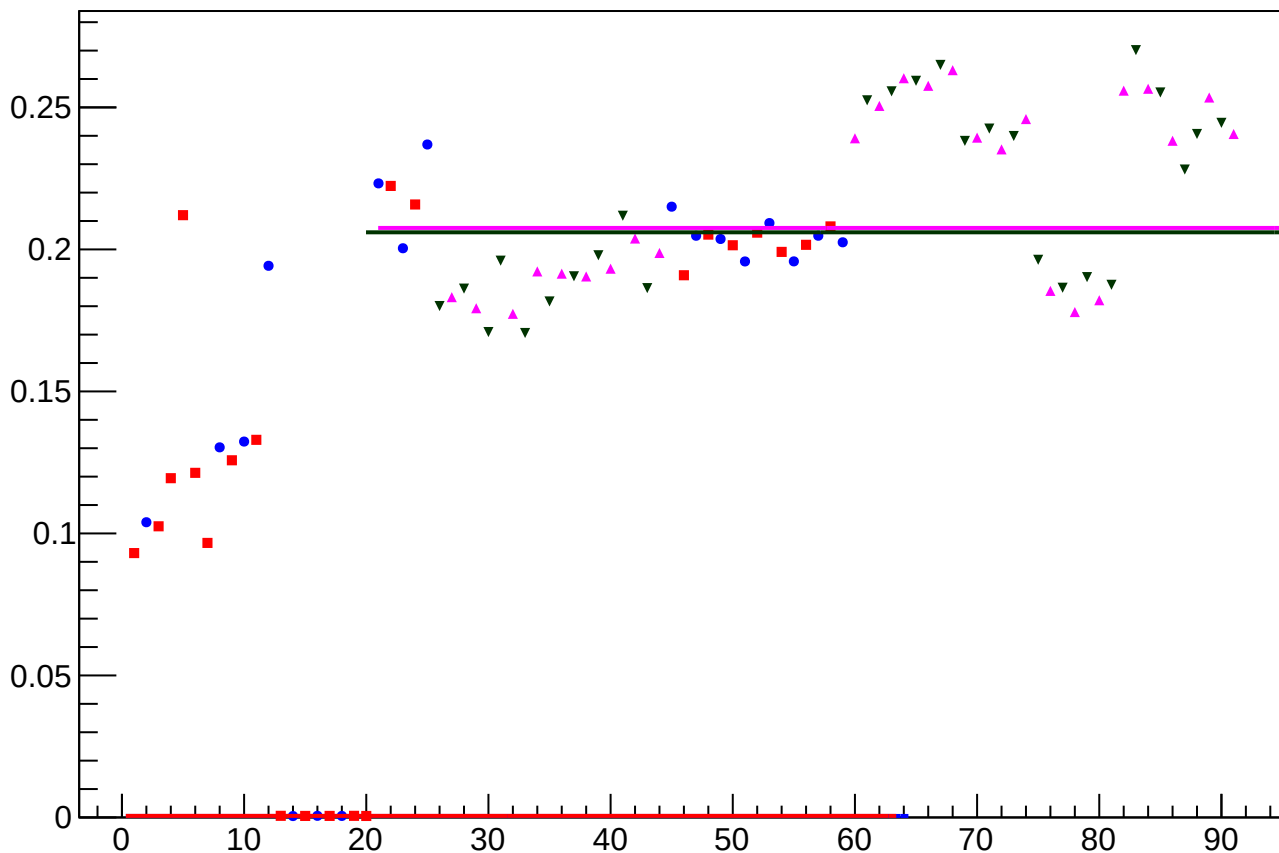
1.294+/-0.000 χ^2/NDF : 2478244459485.8/43

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

1.295+/-0.000 χ^2/NDF : 2562567887441.5/46

Left In: 70.640+/-0.000 χ^2/NDF : 3773613341.9/24

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.206+/-0.000 χ^2/NDF : 547165.3/25

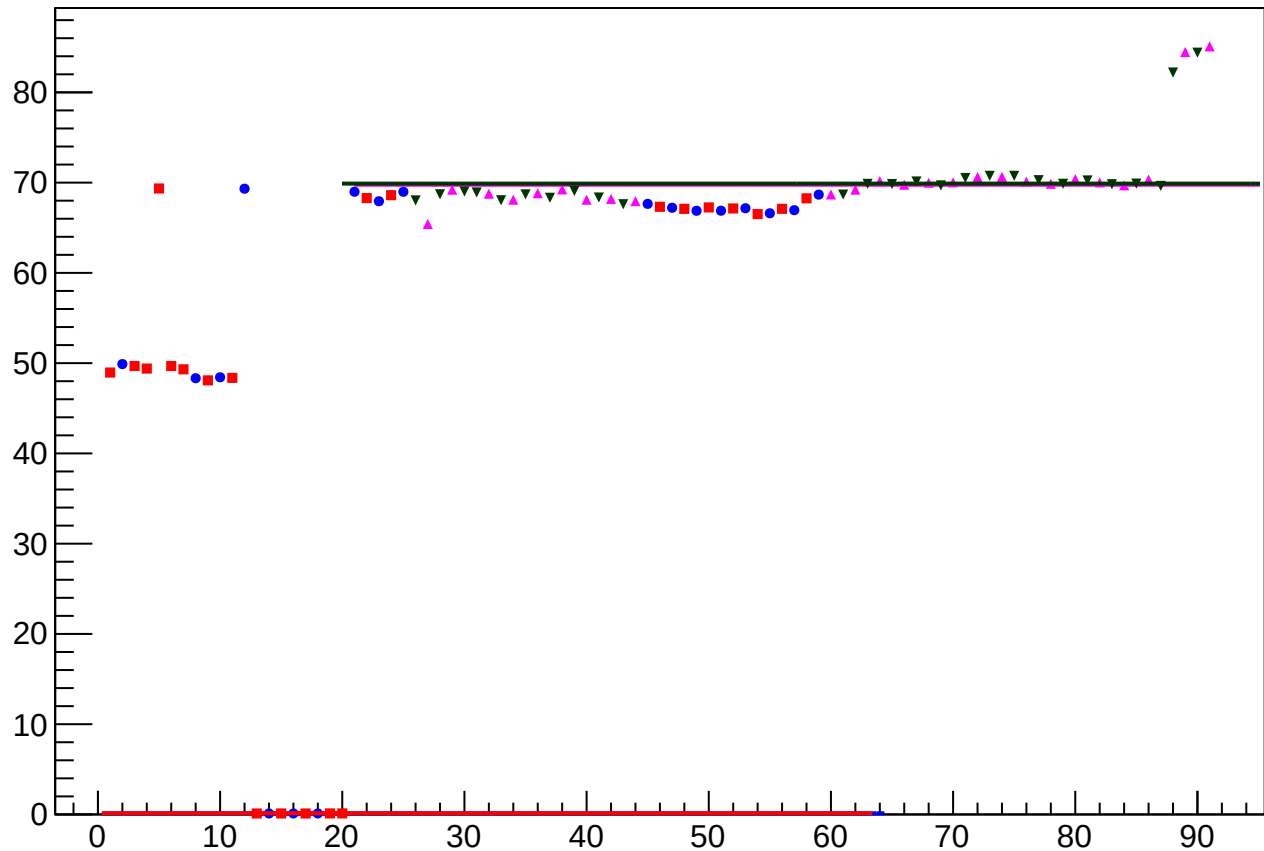
0.001+/-0.000 χ^2/NDF : 42517005.6/43

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

0.001+/-0.000 χ^2/NDF : 42590791.9/46

Left In: 0.208+/-0.000 χ^2/NDF : 578554.7/24

yield_bcm_an_us_mean vs slug



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

Left Out: 69.892+/-0.000 χ^2/NDF : 2981781075.1/25

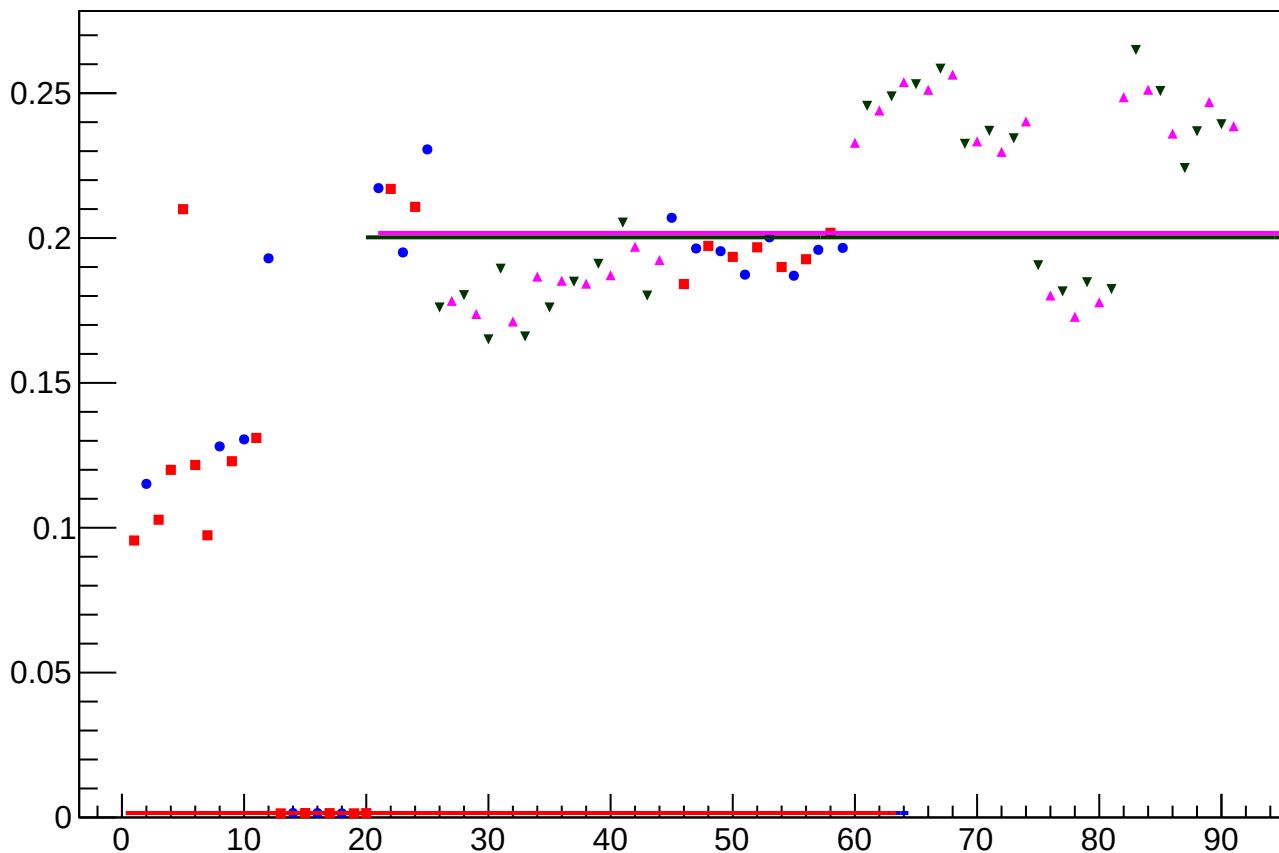
0.152+/-0.000 χ^2/NDF : 2604241164416.6/43

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

0.155+/-0.000 χ^2/NDF : 2712898772497.8/46

Left In: 69.762+/-0.000 χ^2/NDF : 4246496034.3/24

yield_bcm_an_us_rms vs slug



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

Left Out: 0.200+/-0.000 χ^2/NDF : 570656.6/25

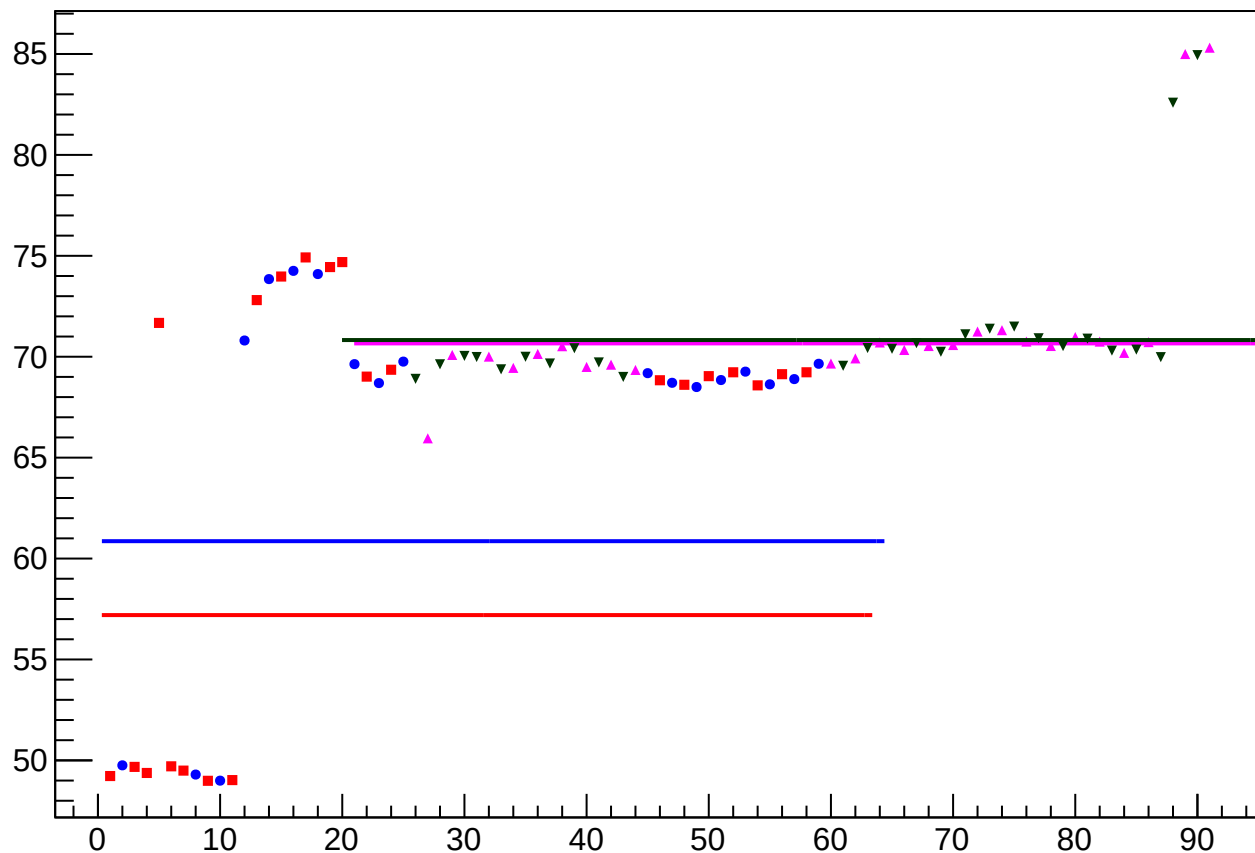
Right Out: 0.002+/-0.000 χ^2/NDF : 15500285.5/21

Left In: 0.202+/-0.000 χ^2/NDF : 605988.3/24

0.002+/-0.000 χ^2/NDF : 42014229.1/43

0.002+/-0.000 χ^2/NDF : 42130960.9/46

yield_bcm_dg_us_mean vs slug



Right In: 60.861 $\pm$ 0.000 χ^2 /NDF: 37857627032.4/17

Left Out: 70.826 $\pm$ 0.000 χ^2 /NDF: 2538628516.9/25

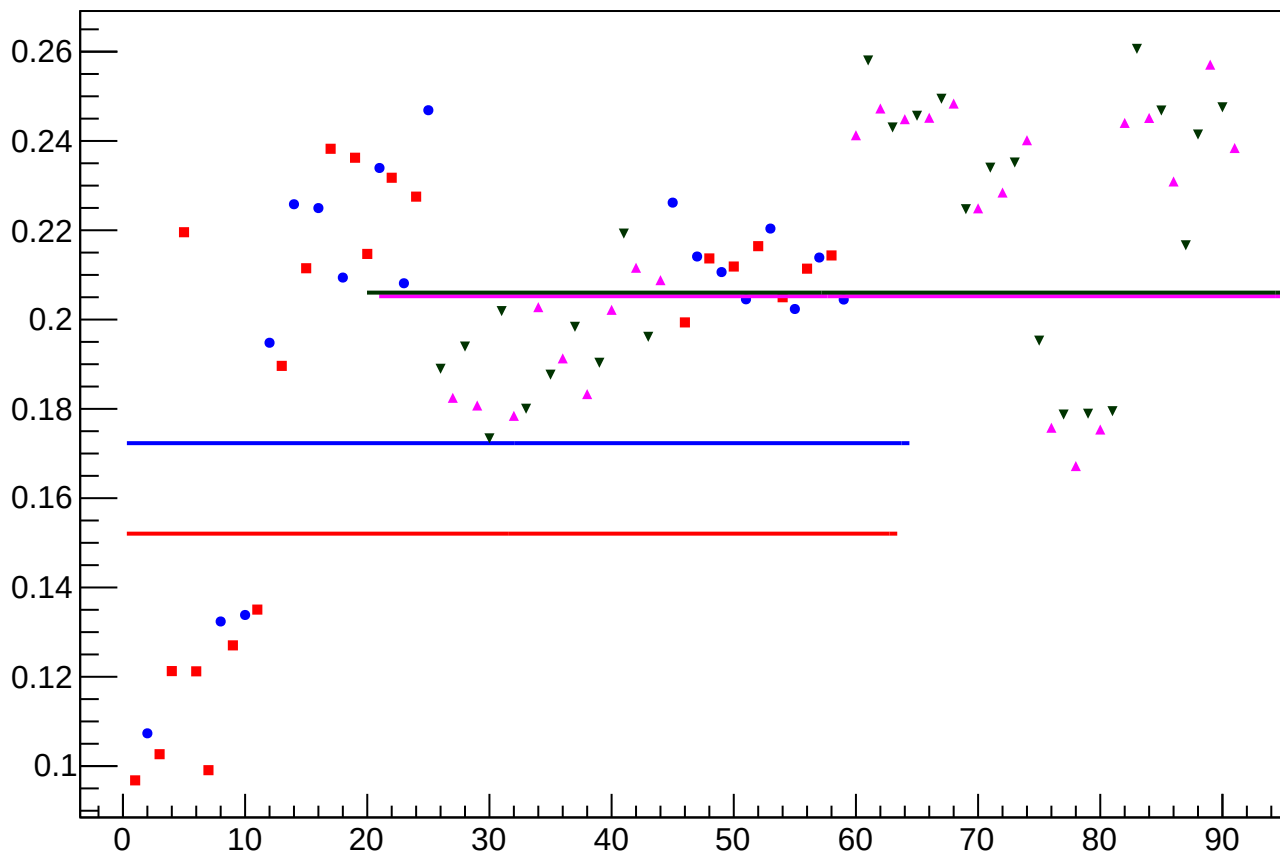
Right Out: 57.199 $\pm$ 0.000 χ^2 /NDF: 41867899323.3/21

Left In: 70.660 $\pm$ 0.000 χ^2 /NDF: 3811622055.9/24

65.412 $\pm$ 0.000 χ^2 /NDF: 55954634050.8/43

63.219 $\pm$ 0.000 χ^2 /NDF: 77138328026.7/46

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.206 $\pm$ 0.000 χ^2 /NDF:431572.7/25

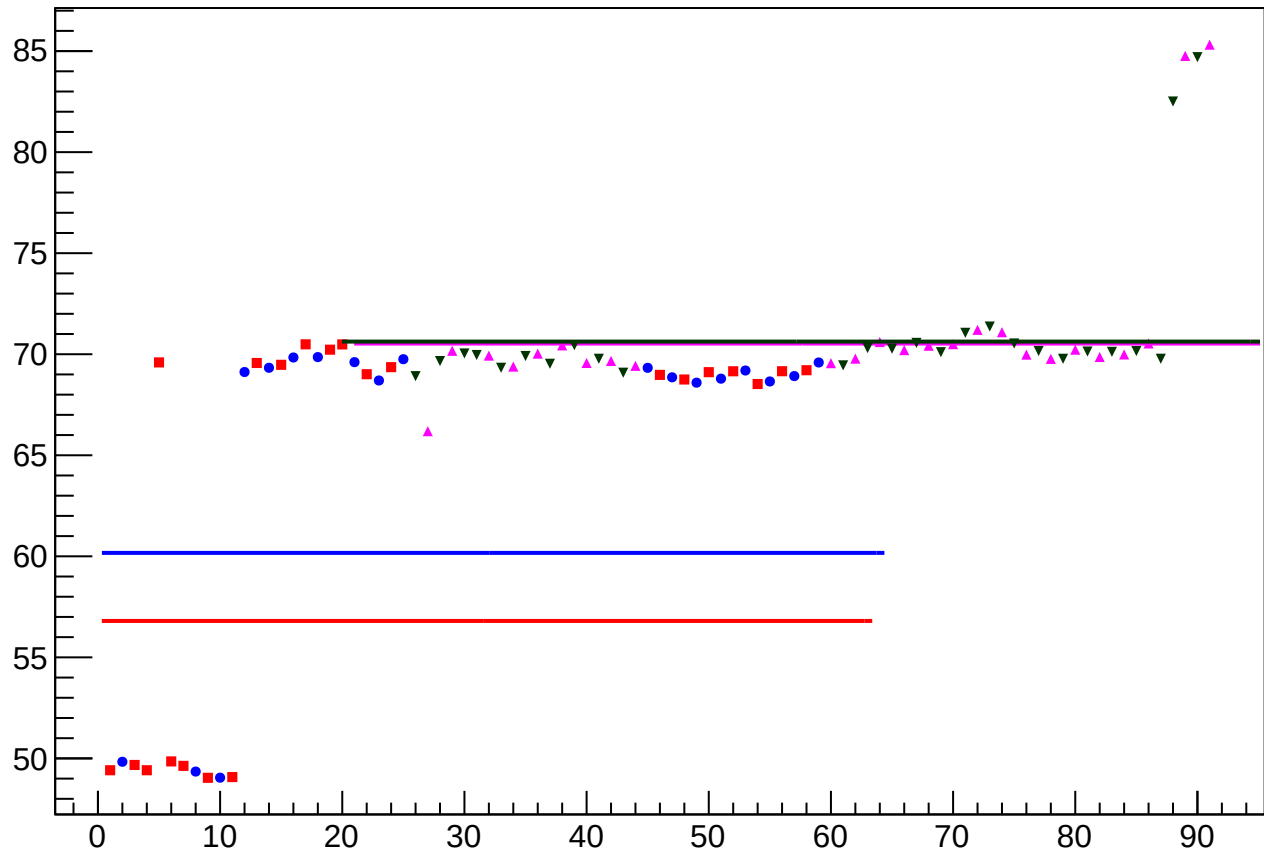
Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 1981394.9/21

Left In: 0.205 $\pm$ 0.000 χ^2 /NDF:519941.1/24

0.188 $\pm$ 0.000 χ^2 /NDF: 2343663.2/43

0.176 $\pm$ 0.000 χ^2 /NDF: 3483141.6/46

yield_bcm_dg_ds_mean vs slug



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

Left Out: 70.625+/-0.000 χ^2/NDF : 2669149722.4/25

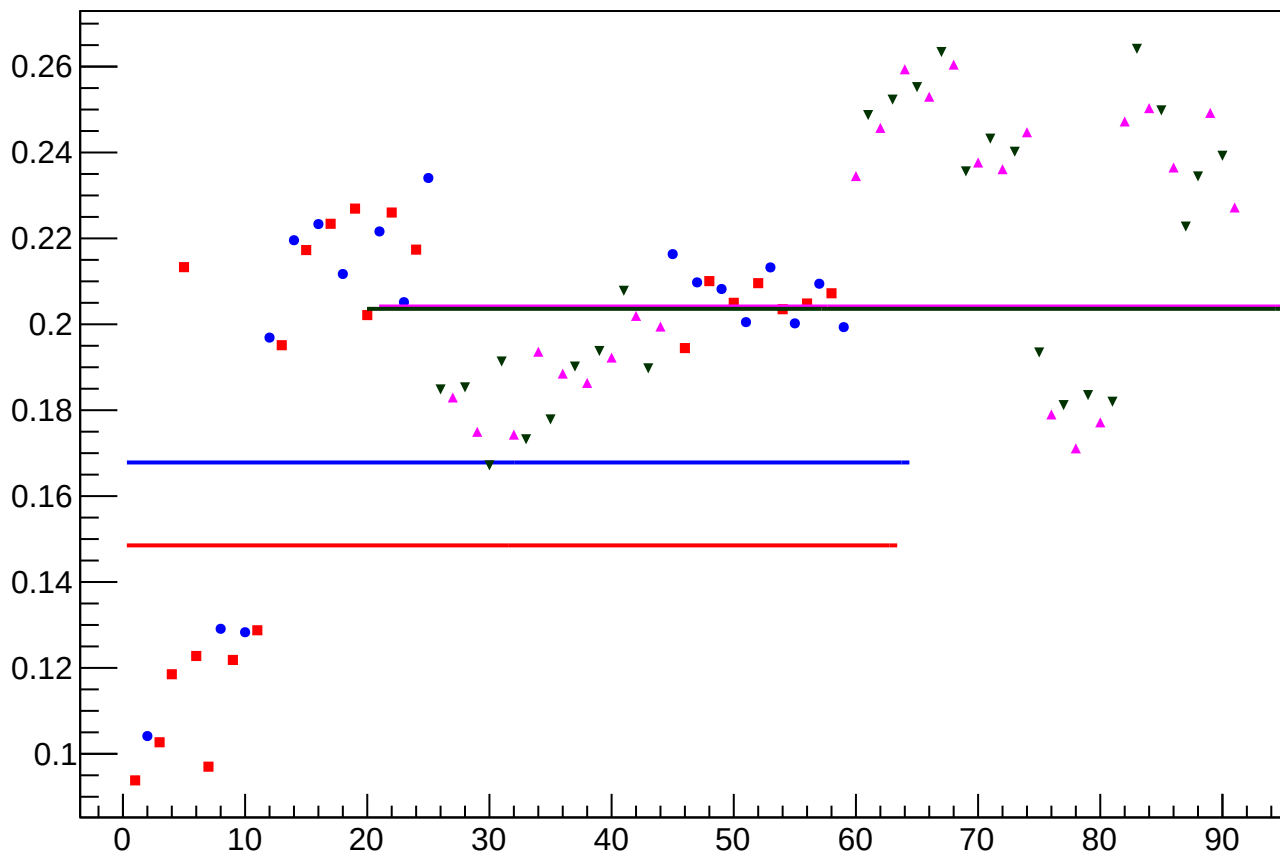
64.864+/-0.000 χ^2/NDF : 55231925976.8/43

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

62.813+/-0.000 χ^2/NDF : 75463868406.2/46

Left In: 70.527+/-0.000 χ^2/NDF : 4014340413.3/24

yield_bcm_dg_ds_rms vs slug



Right In: 0.168 $\pm$ 0.000 χ^2 /NDF: 1605444.7/17

Left Out: 0.204 $\pm$ 0.000 χ^2 /NDF: 535410.4/25

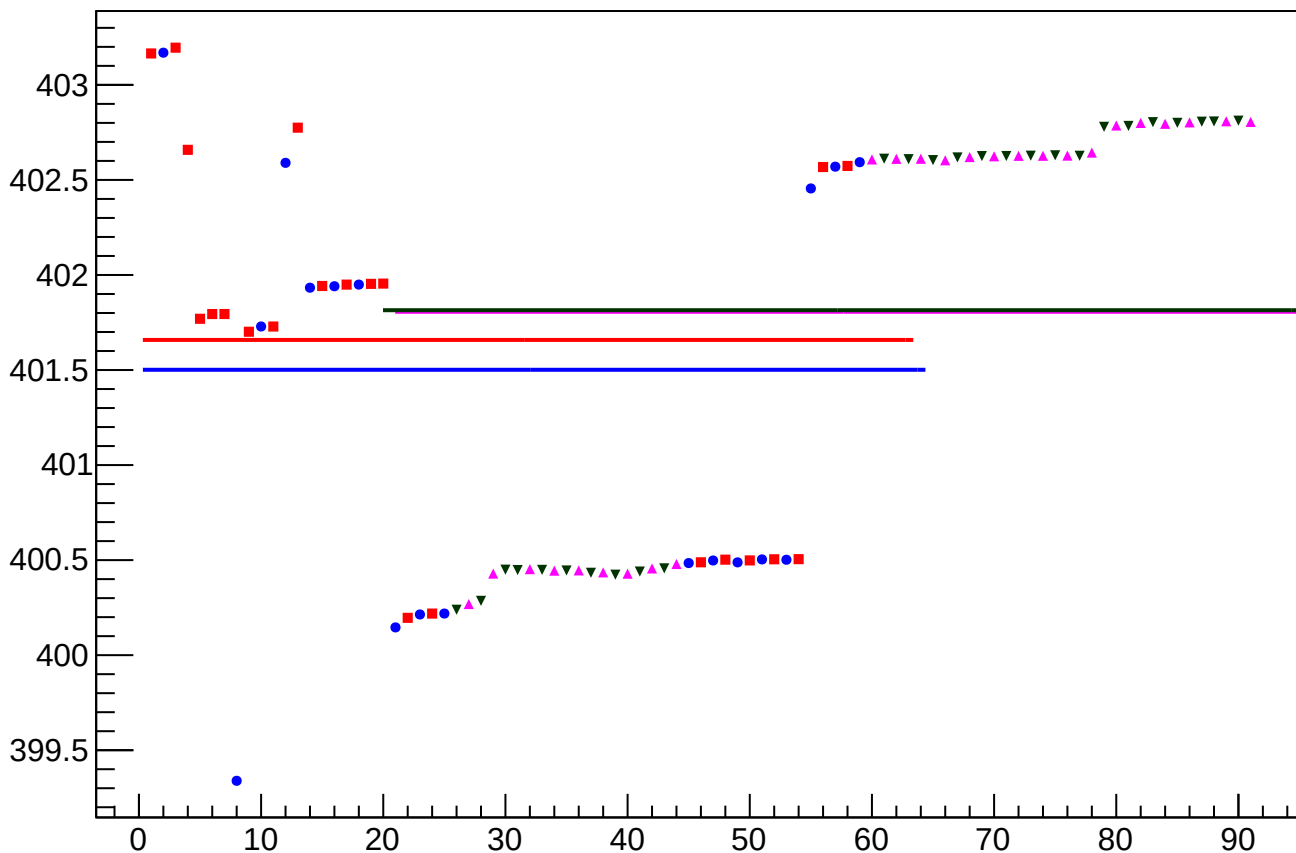
Right Out: 0.149 $\pm$ 0.000 χ^2 /NDF: 1954916.7/21

Left In: 0.204 $\pm$ 0.000 χ^2 /NDF: 589991.6/24

0.184 $\pm$ 0.000 χ^2 /NDF: 2555451.5/43

0.173 $\pm$ 0.000 χ^2 /NDF: 3648316.7/46

yield_cav4bQ_mean vs slug



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

Left Out: 401.815+/-0.000 χ^2/NDF : 365323655780.4/25

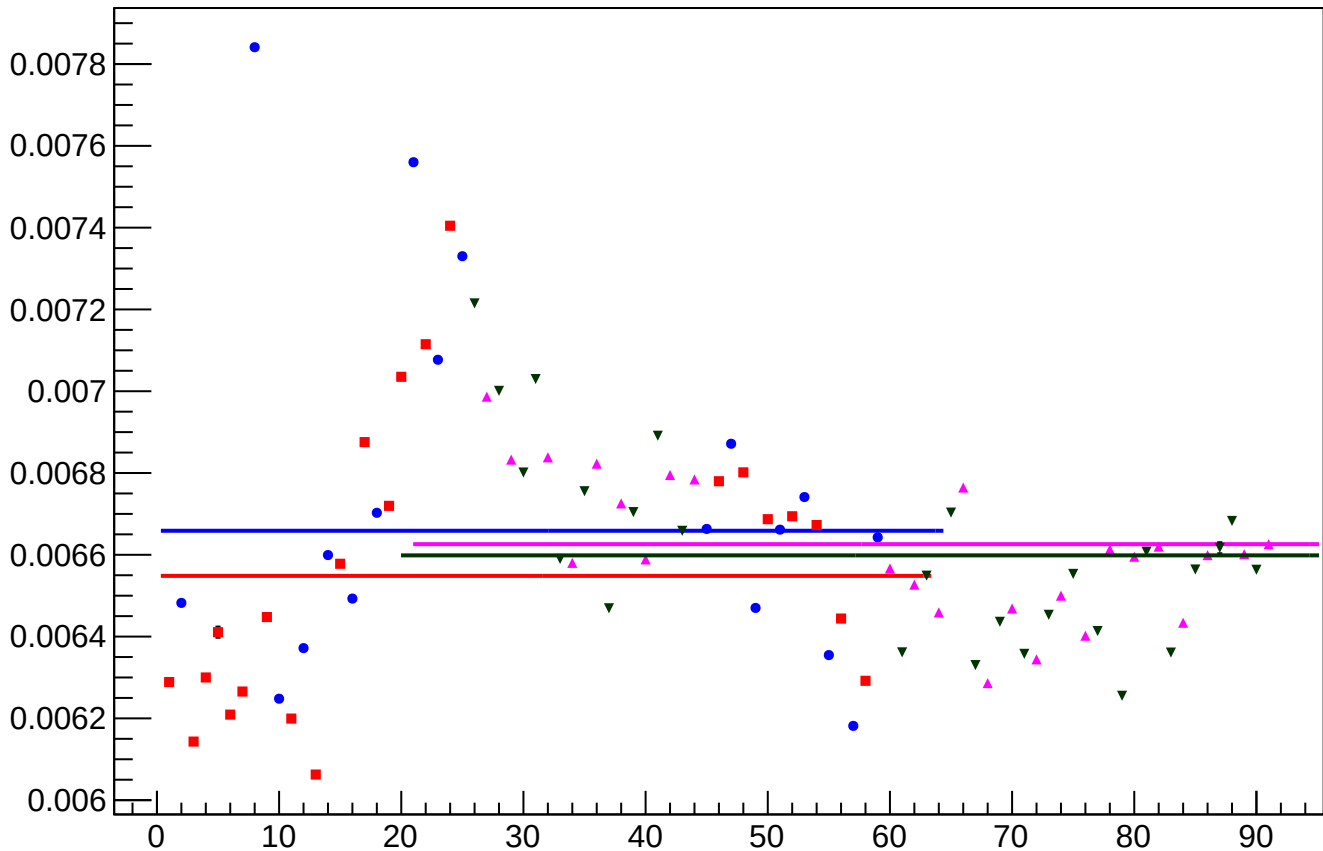
Right Out: 401.658+/-0.000 χ^2/NDF : 224137189148.2/21

Left In: 401.806+/-0.000 χ^2/NDF : 386523343228.2/24

401.668+/-0.000 χ^2/NDF : 691935450642.8/43

401.741+/-0.000 χ^2/NDF : 613684101466.1/46

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 : 31058.1/25

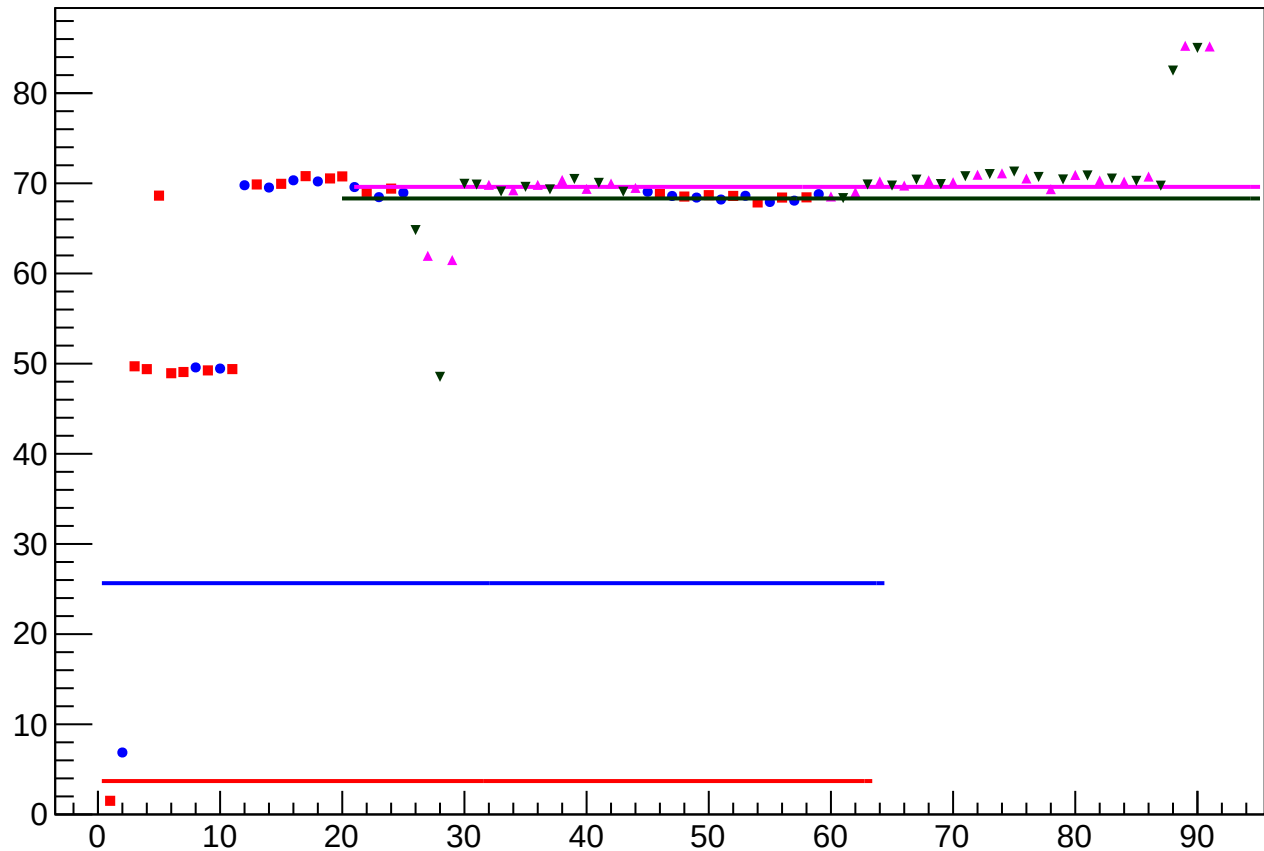
Right Out: 0.007+/-0.000 χ^2/NDF : 55163.7/21

Left In: 0.007+/-0.000 χ^2/NDF : 19762.7/24

0.007+/-0.000 χ^2/NDF : 116945.4/43

0.007+/-0.000 χ^2/NDF : 76590.8/46

yield_cav4cQ_mean vs slug



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

Left Out: 68.321+/-0.000 χ^2/NDF : 14094334528.6/25

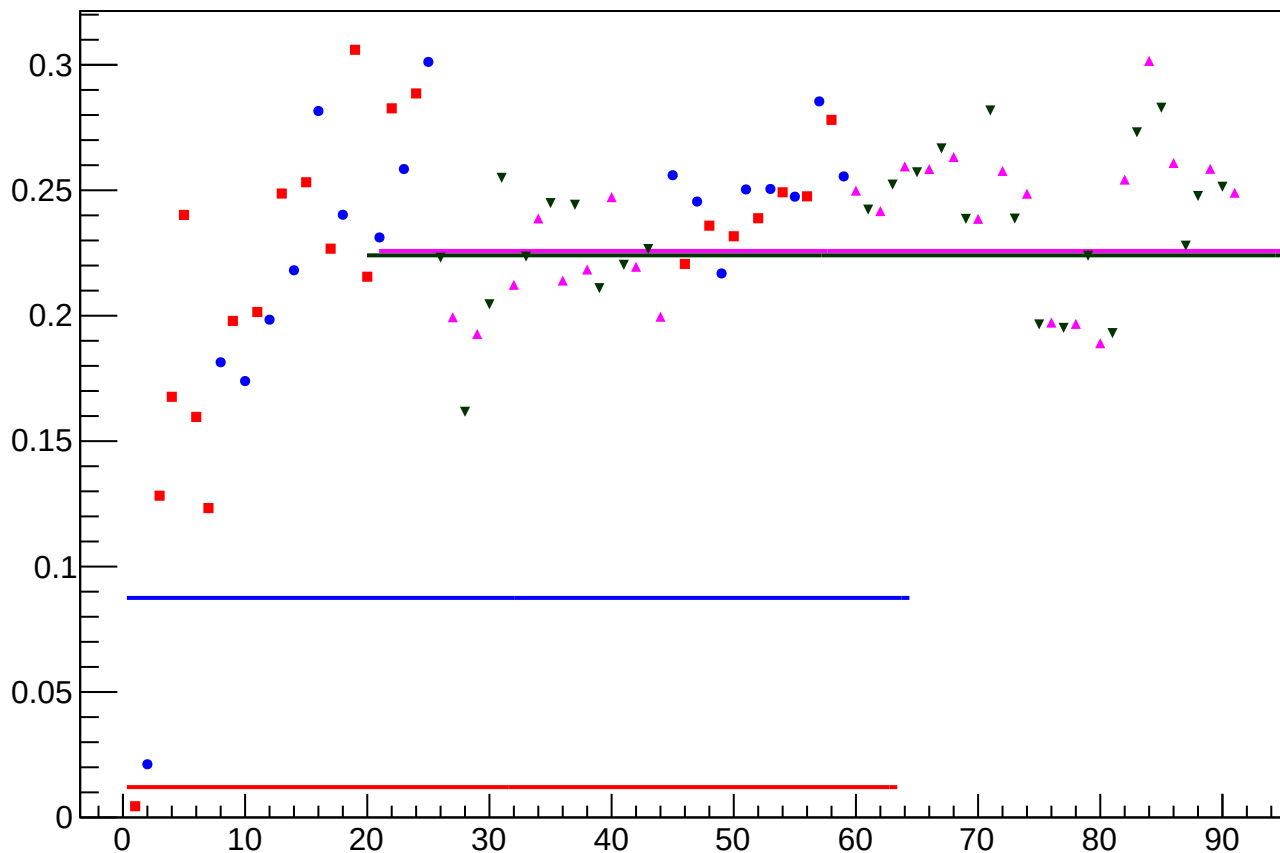
38.034+/-0.000 χ^2/NDF : 752246321929.7/43

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

6.728+/-0.000 χ^2/NDF : 1712539590780.0/46

Left In: 69.605+/-0.000 χ^2/NDF : 5946620889.5/24

yield_cav4cQ_rms vs slug



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

Left Out: 0.224+/-0.000 χ^2/NDF : 509156.8/25

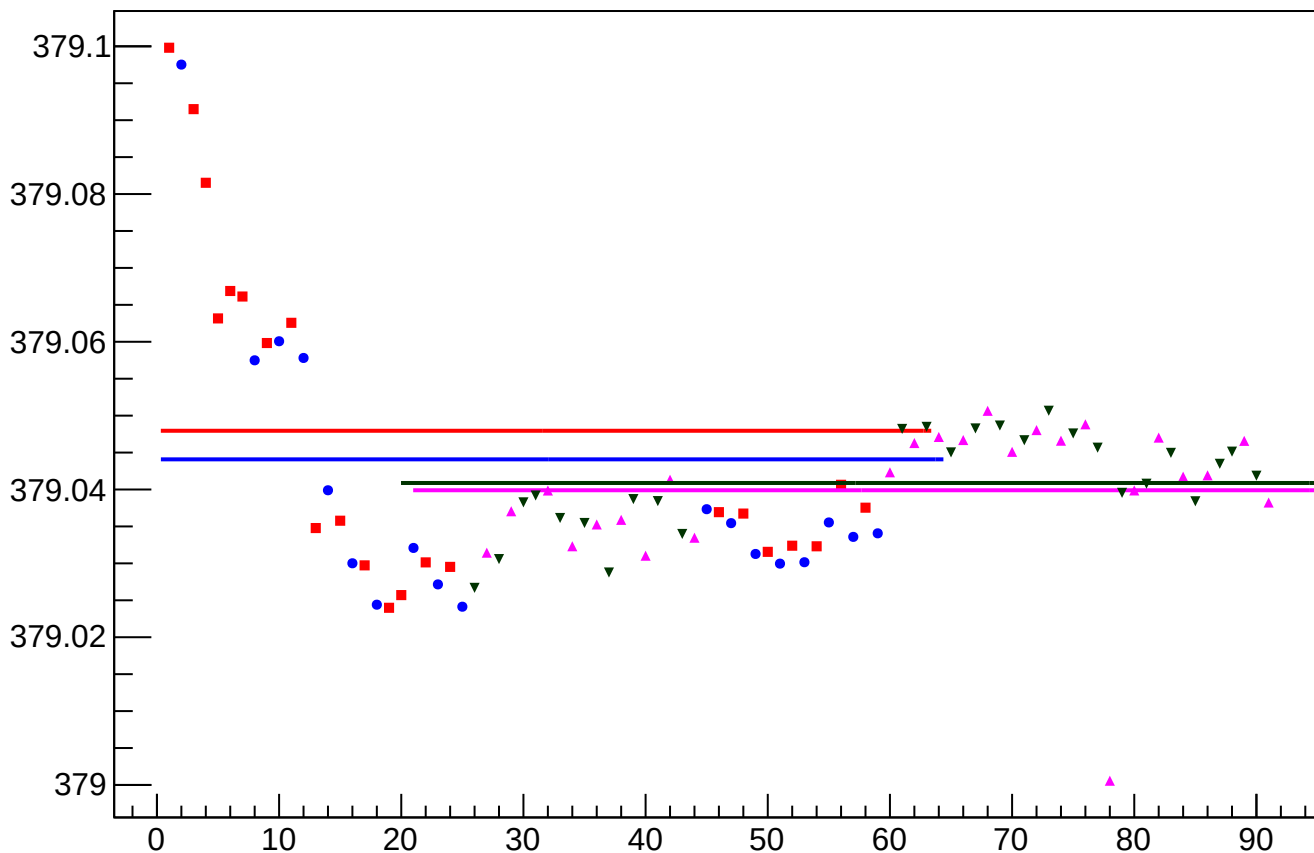
Right Out: 0.012+/-0.000 χ^2/NDF : 16595957.2/21

Left In: 0.226+/-0.000 χ^2/NDF : 400169.3/24

0.127+/-0.000 χ^2/NDF : 17671473.6/43

0.022+/-0.000 χ^2/NDF : 38972257.5/46

yield_cav4dQ_mean vs slug



Right In: 379.044 ± 0.000 χ^2/NDF : 105276493.4/17

Left Out: 379.041 ± 0.000 χ^2/NDF : 11897630.9/25

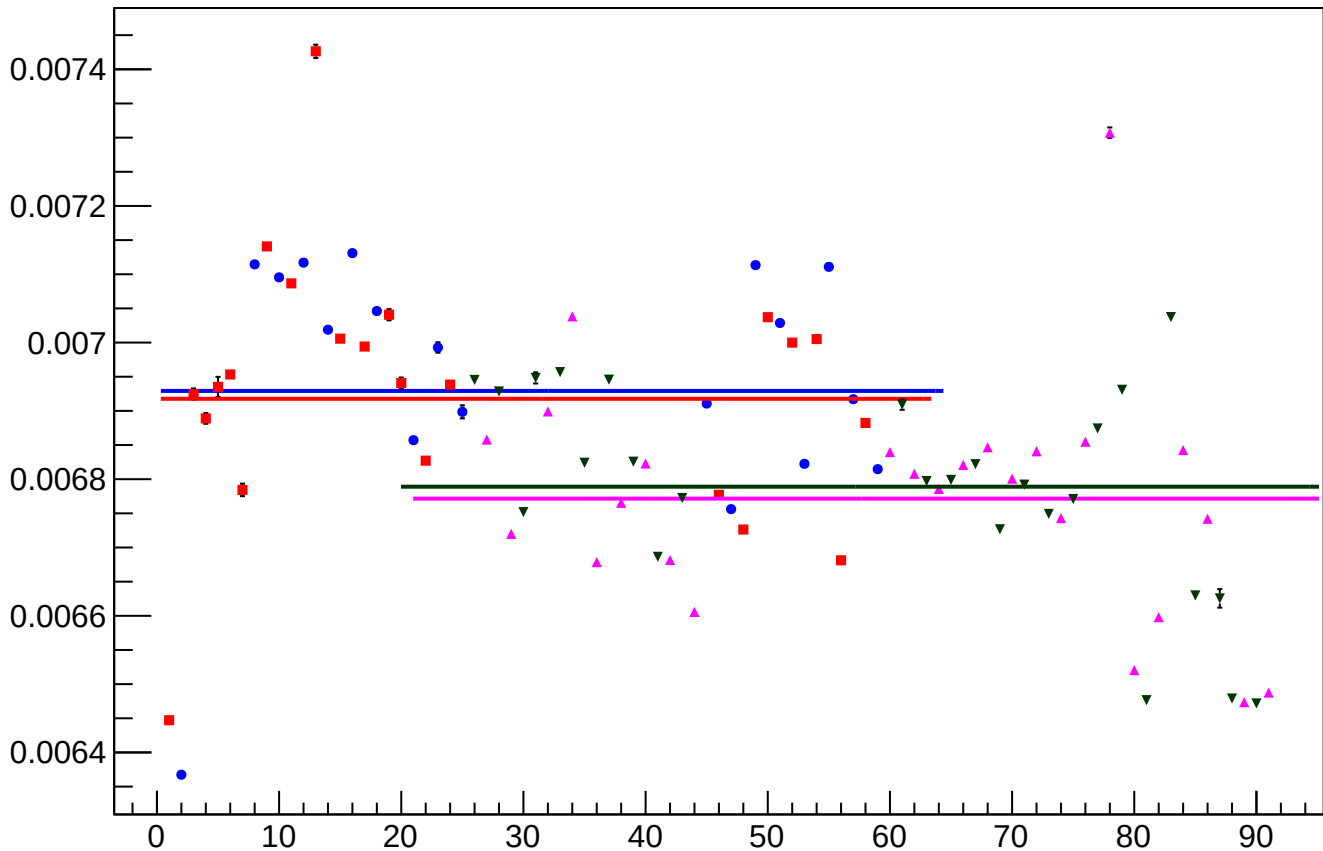
Right Out: 379.048 ± 0.000 χ^2/NDF : 110752305.6/21

Left In: 379.040 ± 0.000 χ^2/NDF : 23515578.0/24

379.042 ± 0.000 χ^2/NDF : 118490527.0/43

379.043 ± 0.000 χ^2/NDF : 142563234.0/46

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 :12418.9/25

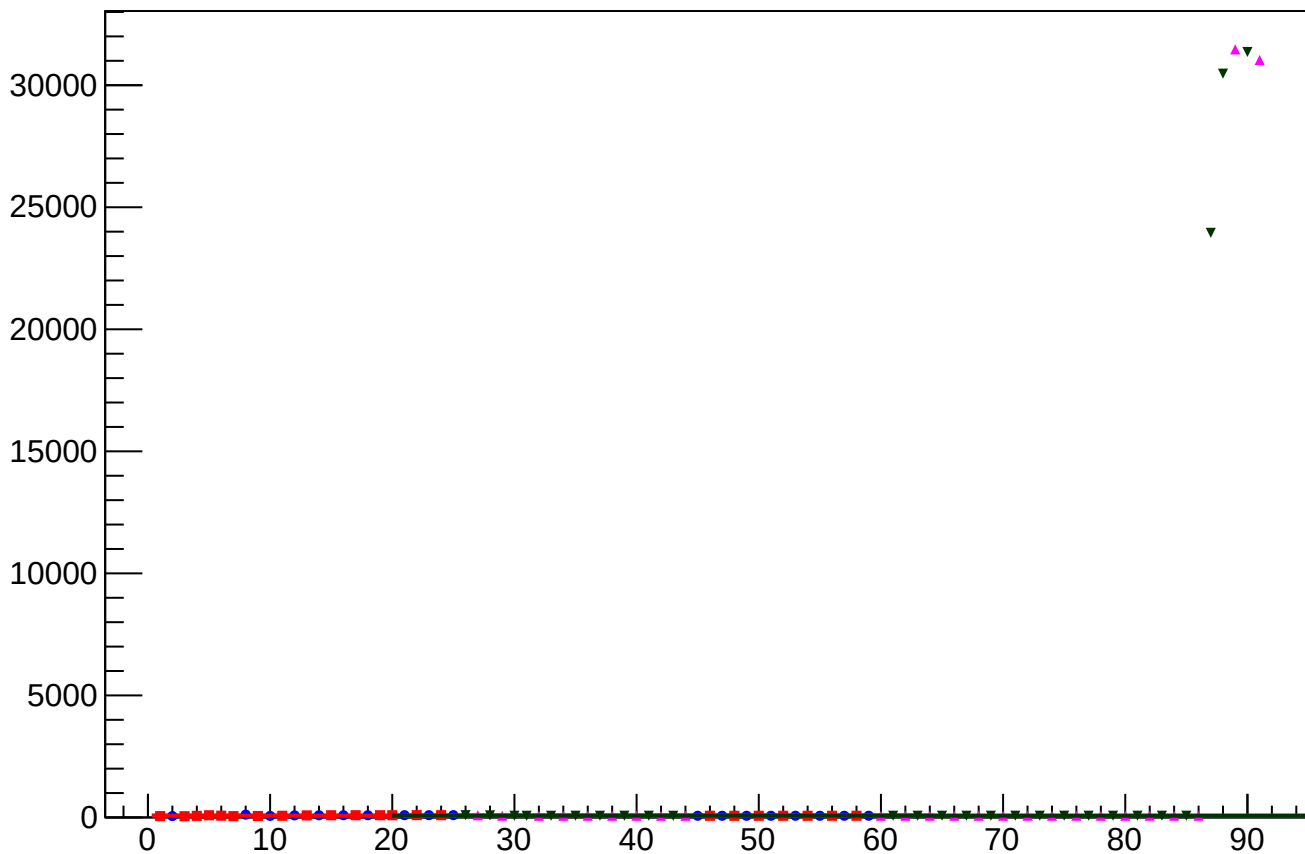
Right Out: 0.007+/-0.000 χ^2/NDF : 15701.6/21

Left In: 0.007+/-0.000 χ^2/NDF :15217.6/24

0.007+/-0.000 χ^2/NDF : 41075.8/43

0.007+/-0.000 χ^2/NDF : 36380.5/46

yield_bcm0l02_mean vs slug



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

Left Out: 72.486+/-0.000 χ^2/NDF : 36903913693.1/25

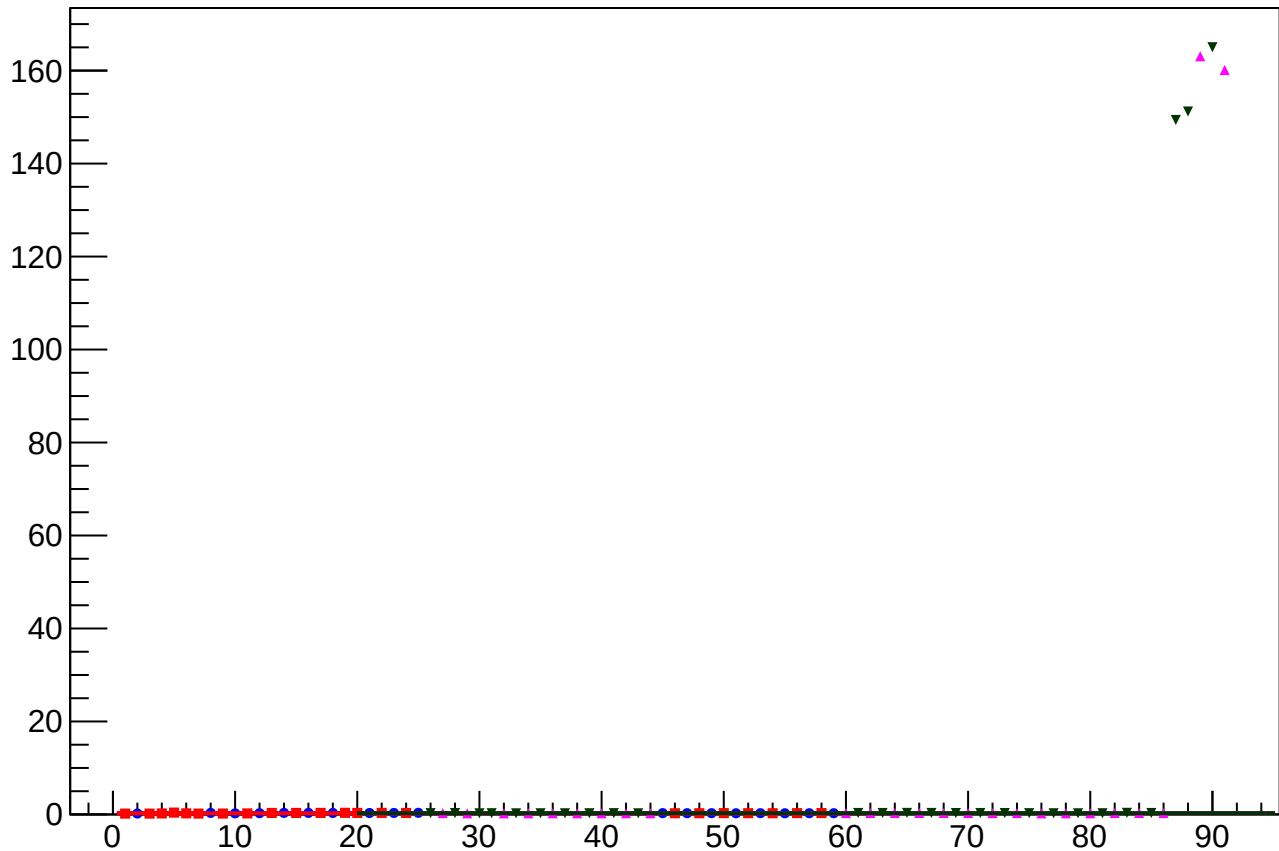
Right Out: 69.452+/-0.000 χ^2/NDF : 24410975447.9/21

Left In: 72.077+/-0.000 χ^2/NDF : 36157079214.5/24

73.469+/-0.000 χ^2/NDF : 64273244710.3/43

70.814+/-0.000 χ^2/NDF : 61091113527.1/46

yield_bcm0l02_rms vs slug



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

Left Out: 0.276+/-0.000 χ^2/NDF :2086343.4/25

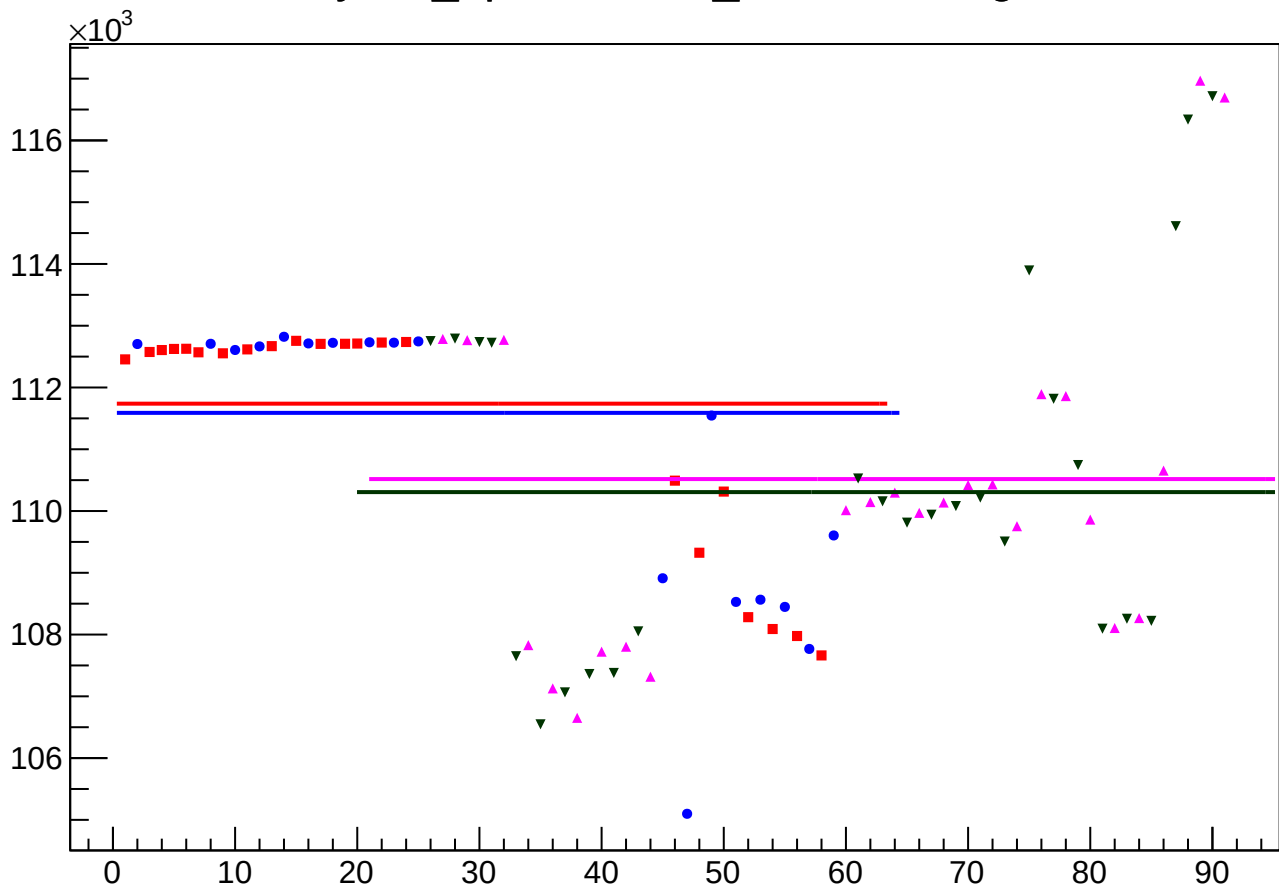
Right Out: 0.249+/-0.000 χ^2/NDF : 818611.5/21

Left In: 0.275+/-0.000 χ^2/NDF :2054556.1/24

0.275+/-0.000 χ^2/NDF : 2559853.0/43

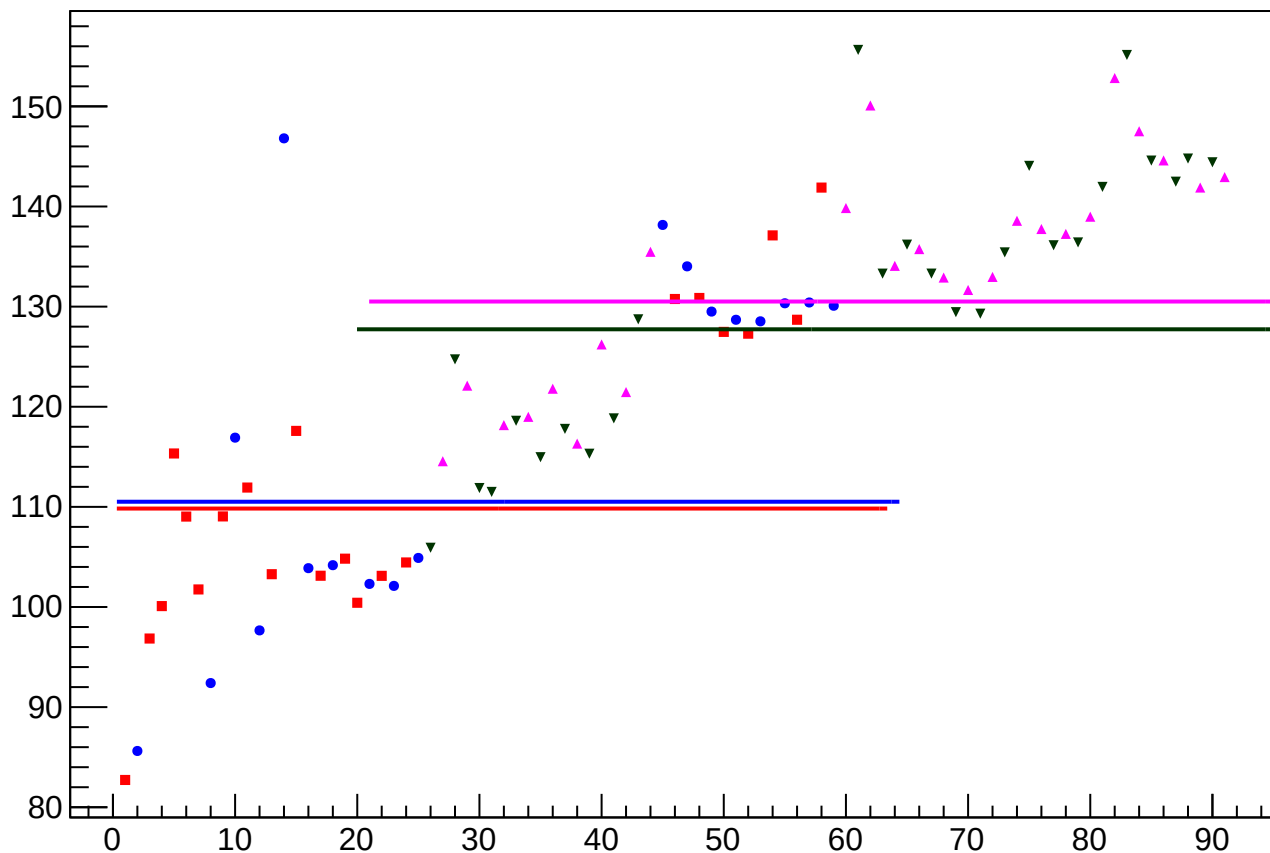
0.262+/-0.000 χ^2/NDF : 2981036.3/46

yield_bpm2i01WS_mean vs slug



Right In: 111589.261+/-0.034	χ^2/NDF : 3232719770.6/17	111012.010+/-0.025	χ^2/NDF : 8815252348.5/43
Left Out: 110306.324+/-0.037	χ^2/NDF : 4937708872.4/25		
Right Out: 111738.183+/-0.035	χ^2/NDF : 2316939394.3/21	111145.130+/-0.025	χ^2/NDF : 7735937631.4/46
Left In: 110517.366+/-0.036	χ^2/NDF : 4841853500.5/24		

yield_bpm2i01WS_rms vs slug



Right In: 110.513 $\pm$ 0.024 χ^2 /NDF: 596401.6/17

Left Out: 127.735 $\pm$ 0.026 χ^2 /NDF:238793.3/25

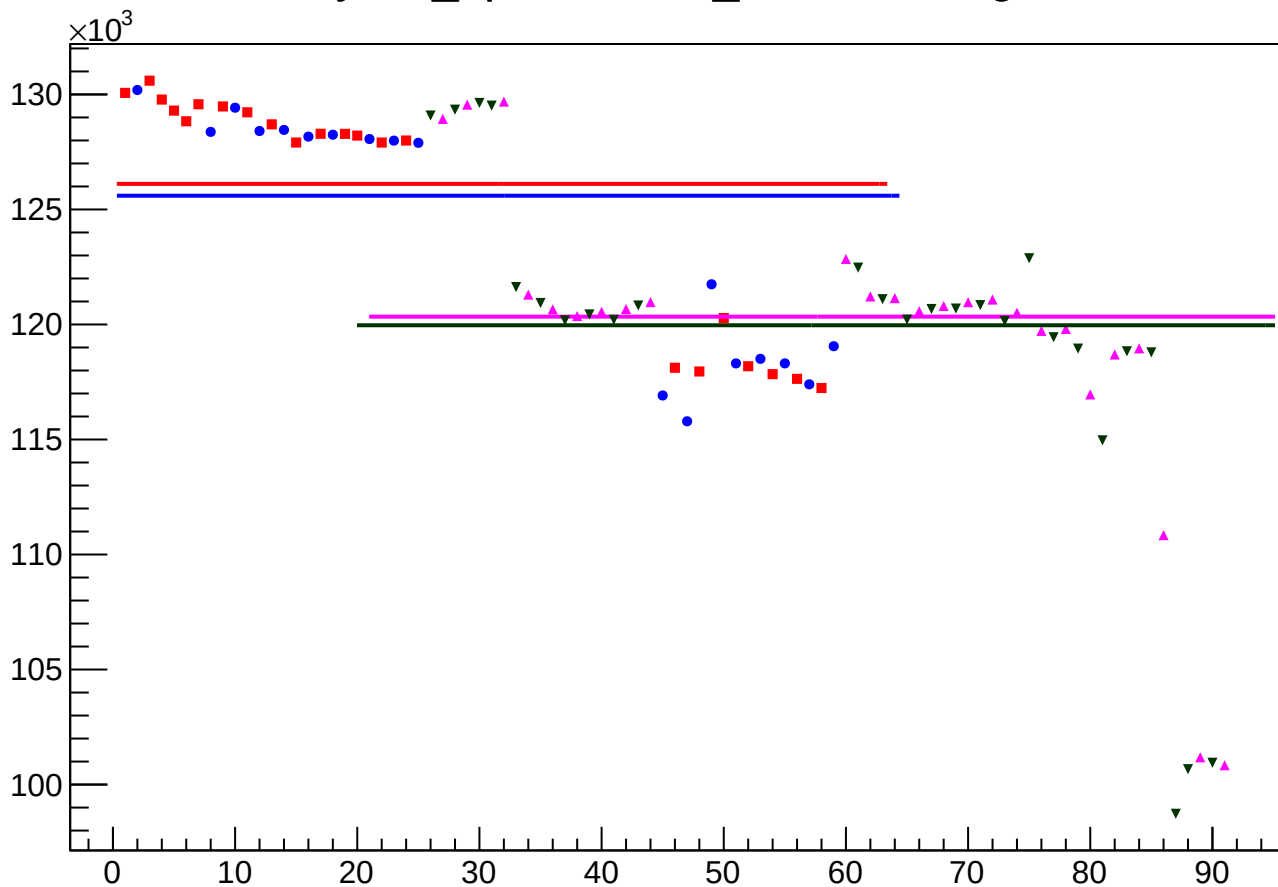
Right Out: 109.832 $\pm$ 0.025 χ^2 /NDF: 342302.6/21

Left In: 130.509 $\pm$ 0.026 χ^2 /NDF:180318.3/24

118.262 $\pm$ 0.018 χ^2 /NDF: 1067597.4/43

119.876 $\pm$ 0.018 χ^2 /NDF: 853750.4/46

yield_bpm0i07WS_mean vs slug



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

Left Out: 119966.485 $\pm$ 0.061 χ^2 /NDF:13752008175.6/25

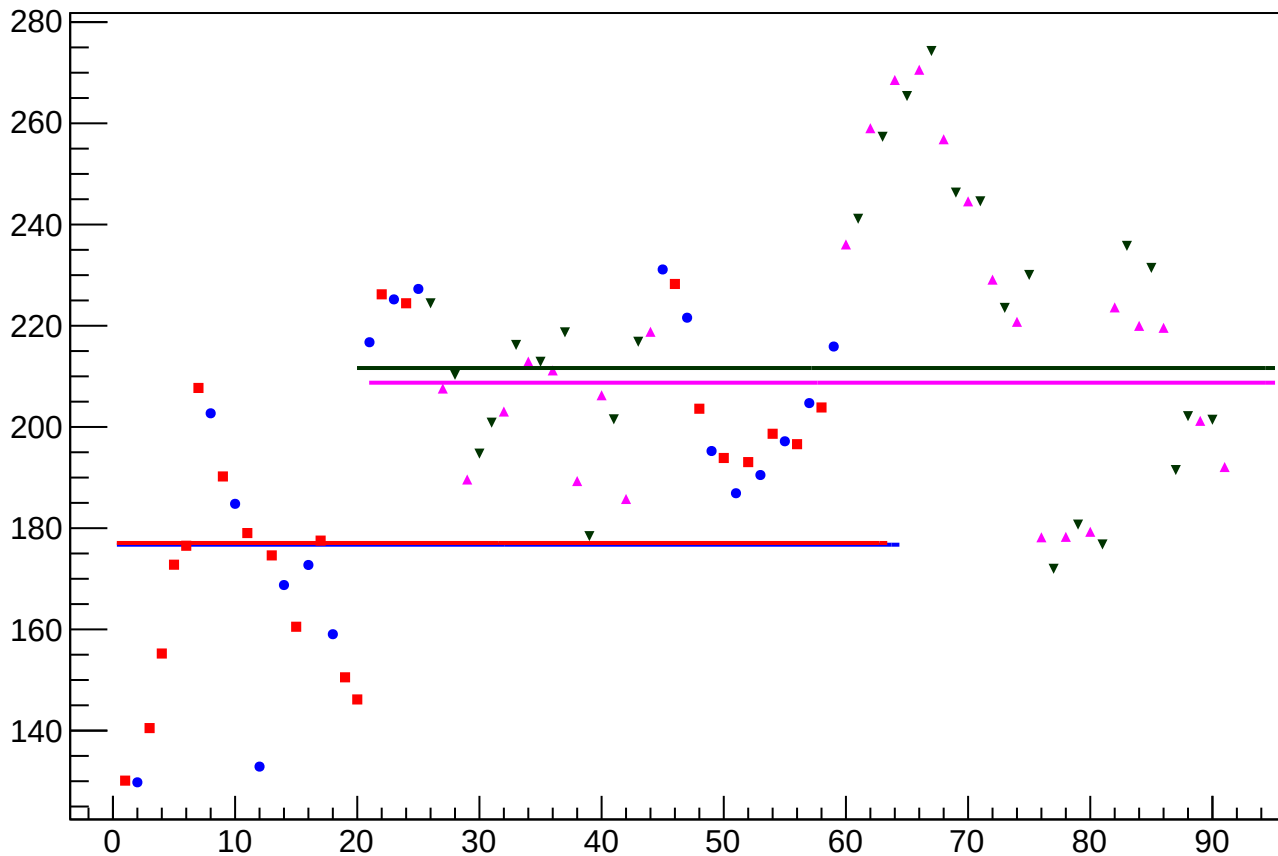
Right Out: 126113.588 $\pm$ 0.057 χ^2 /NDF: 7205471156.4/21

Left In: 120340.429 $\pm$ 0.057 χ^2 /NDF:15588584624.2/24

123108.353 $\pm$ 0.040 χ^2 /NDF: 26743185547.1/4

123238.812 $\pm$ 0.040 χ^2 /NDF: 27952288267.4/4

yield_bpm0i07WS_rms vs slug



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

Left Out: 211.648 $\pm$ 0.043 χ^2 /NDF: 382201.1/25

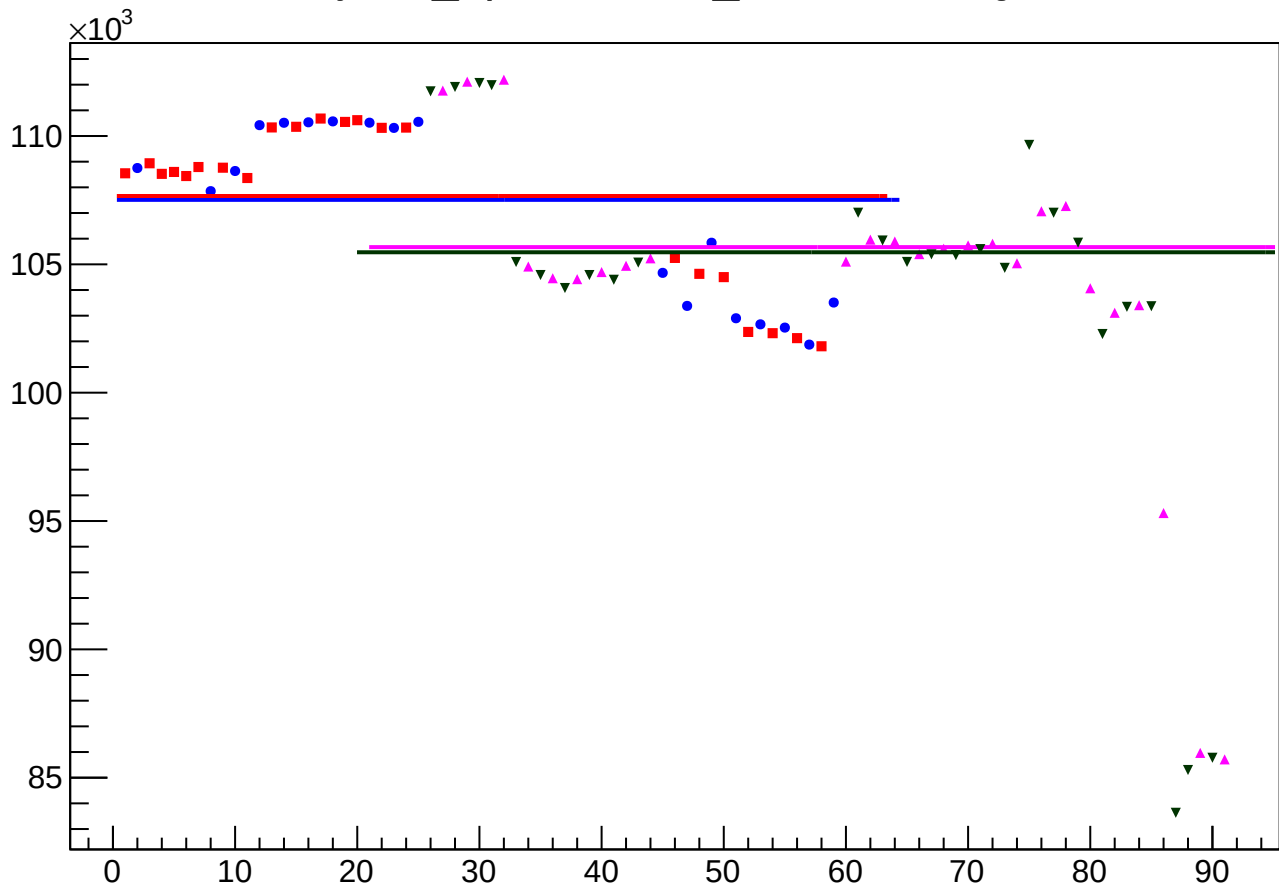
Right Out: 177.077 $\pm$ 0.040 χ^2 /NDF: 471932.4/21

Left In: 208.747 $\pm$ 0.040 χ^2 /NDF: 376565.2/24

192.171 $\pm$ 0.028 χ^2 /NDF: 1478451.1/43

192.848 $\pm$ 0.028 χ^2 /NDF: 1158950.3/46

yield_bpm0l01WS_mean vs slug



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

Left Out: 105470.377 $\pm$ 0.037 χ^2 /NDF: 25419484255.5/25

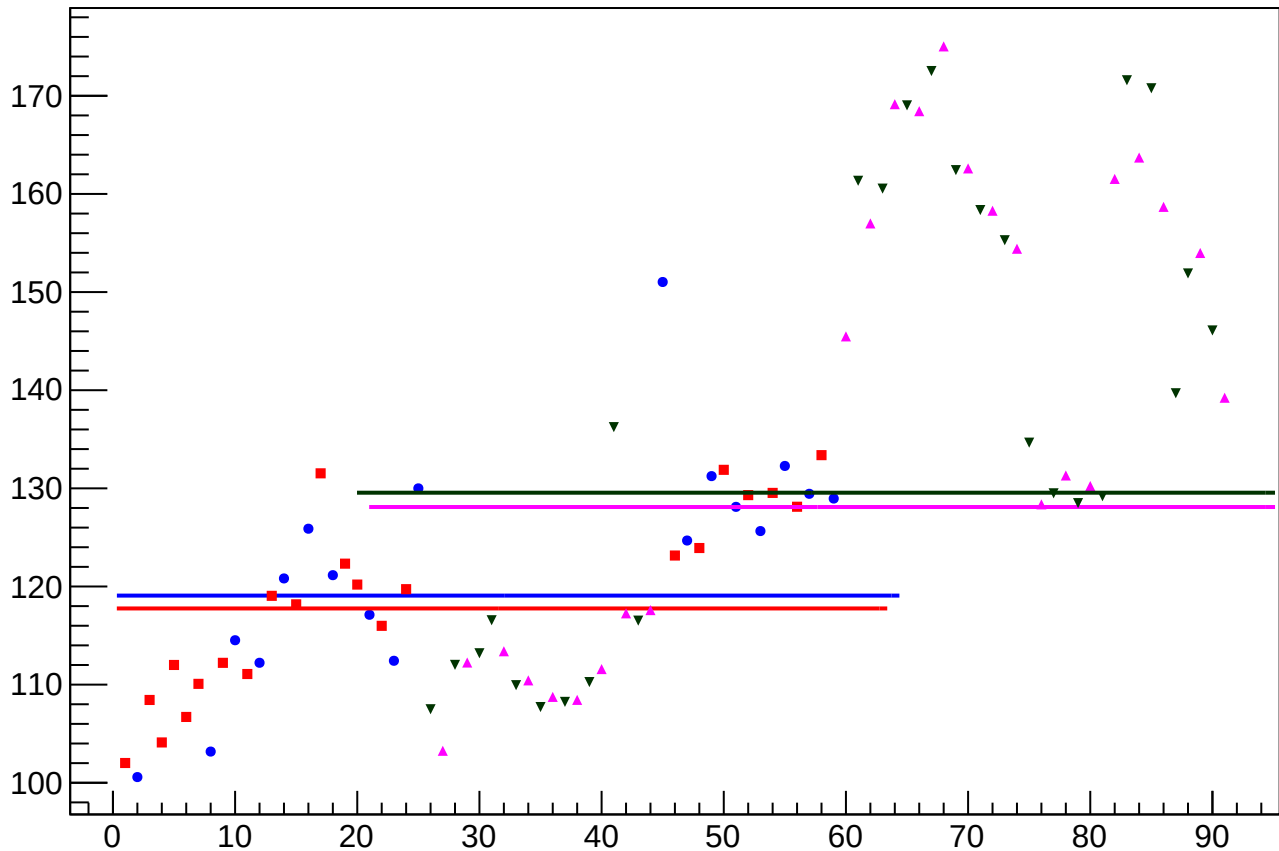
Right Out: 107662.315 $\pm$ 0.037 χ^2 /NDF: 6330968754.0/21

Left In: 105670.932 $\pm$ 0.035 χ^2 /NDF: 28611217118.7/24

106532.989 $\pm$ 0.026 χ^2 /NDF: 34264723196.7/4

106607.348 $\pm$ 0.026 χ^2 /NDF: 36440434329.9/4

yield_bpm0l01WS_rms vs slug



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

Left Out: 129.557 ± 0.026 χ^2/NDF : 700055.2/25

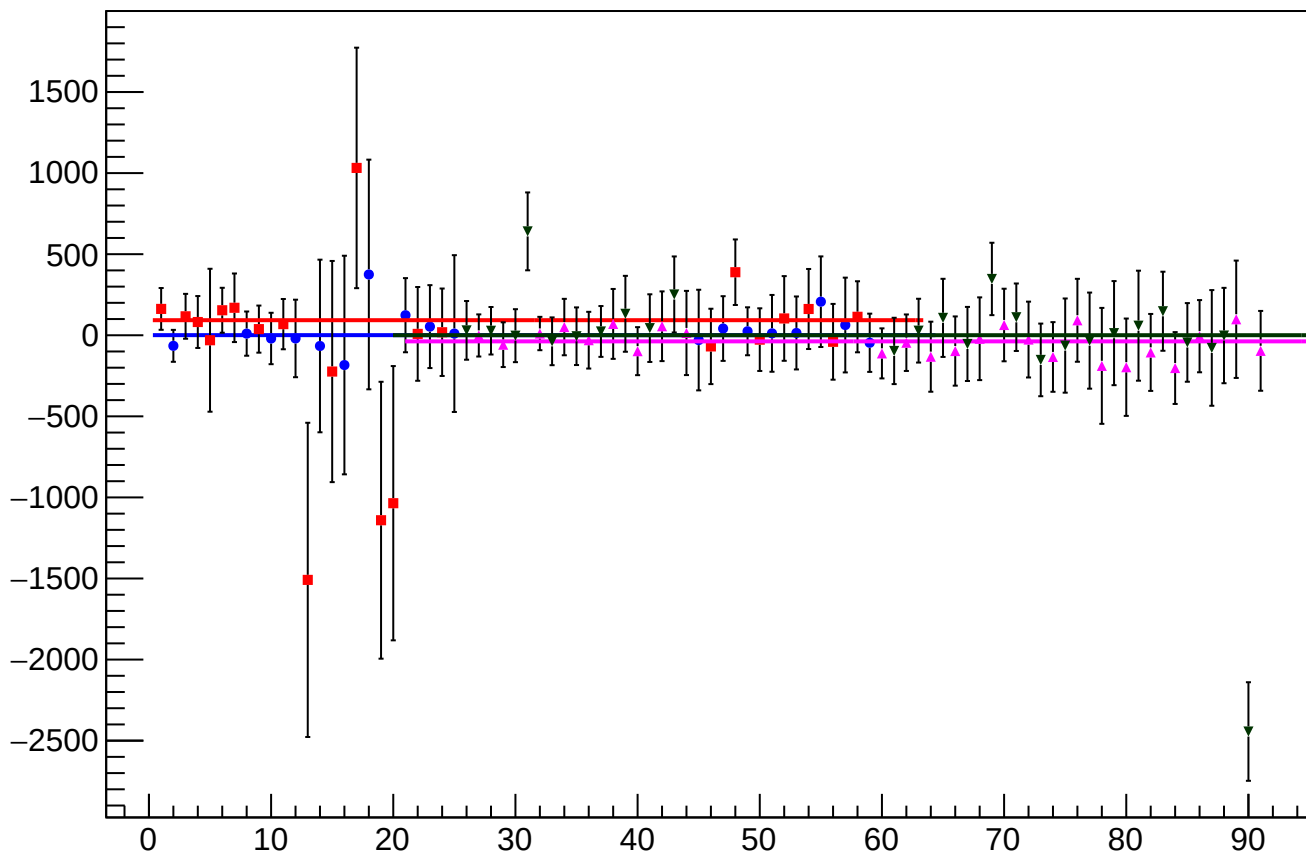
Right Out: 117.762 ± 0.026 χ^2/NDF : 127389.0/21

Left In: 128.098 ± 0.025 χ^2/NDF : 800293.3/24

124.101 ± 0.018 χ^2/NDF : 998380.3/43

123.238 ± 0.018 χ^2/NDF : 1008413.8/46

asym_bcm_an_ds_mean vs slug



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

Left Out: 0.363 ± 42.077 χ^2/NDF : 77.6/25

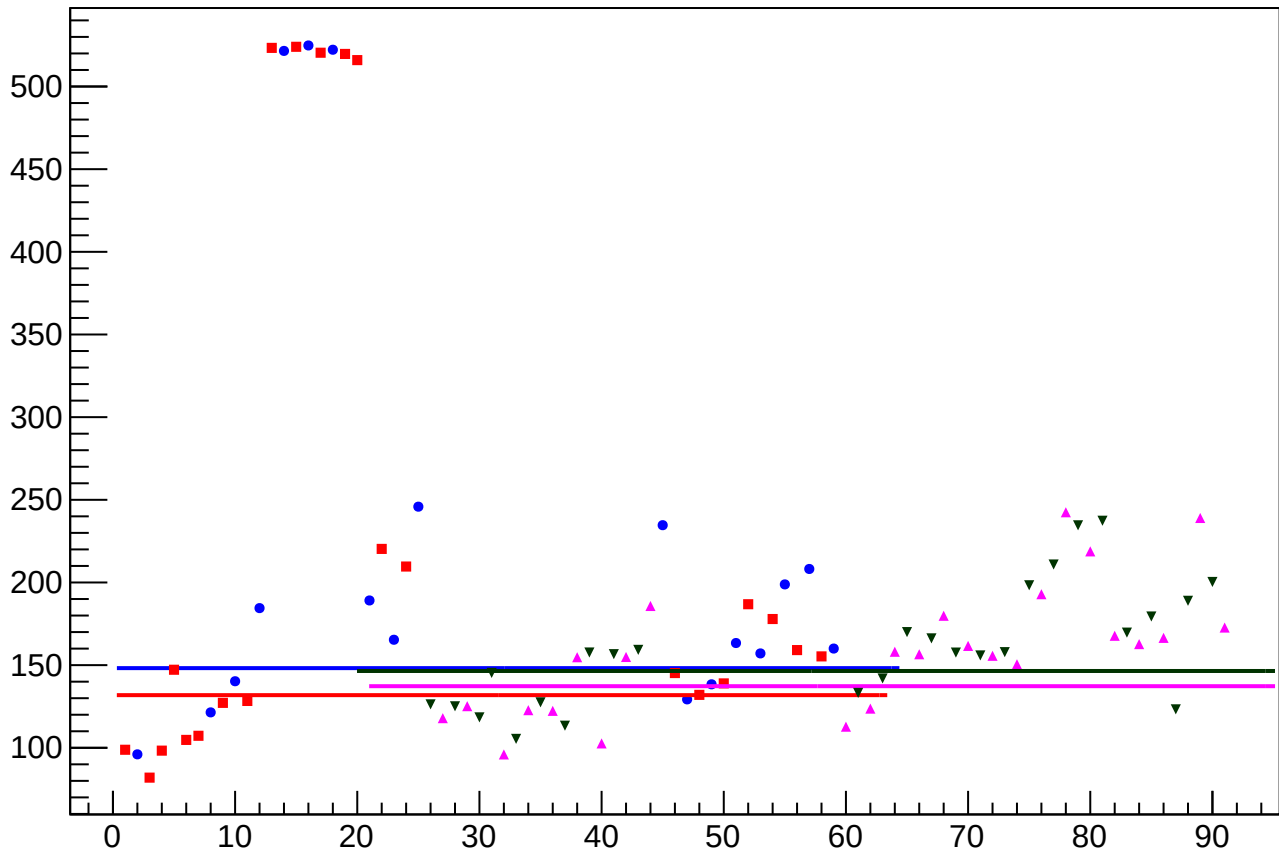
Right Out: 92.924 ± 45.003 χ^2/NDF : 12.9/21

Left In: -37.629 ± 38.178 χ^2/NDF : 3.7/24

0.526 ± 31.626 χ^2/NDF : 79.6/43

17.008 ± 29.113 χ^2/NDF : 21.5/46

asym_bcm_an_ds_rms vs slug



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

Left Out: 146.465 +/- 0.030 χ^2/NDF : 1087320.4/25

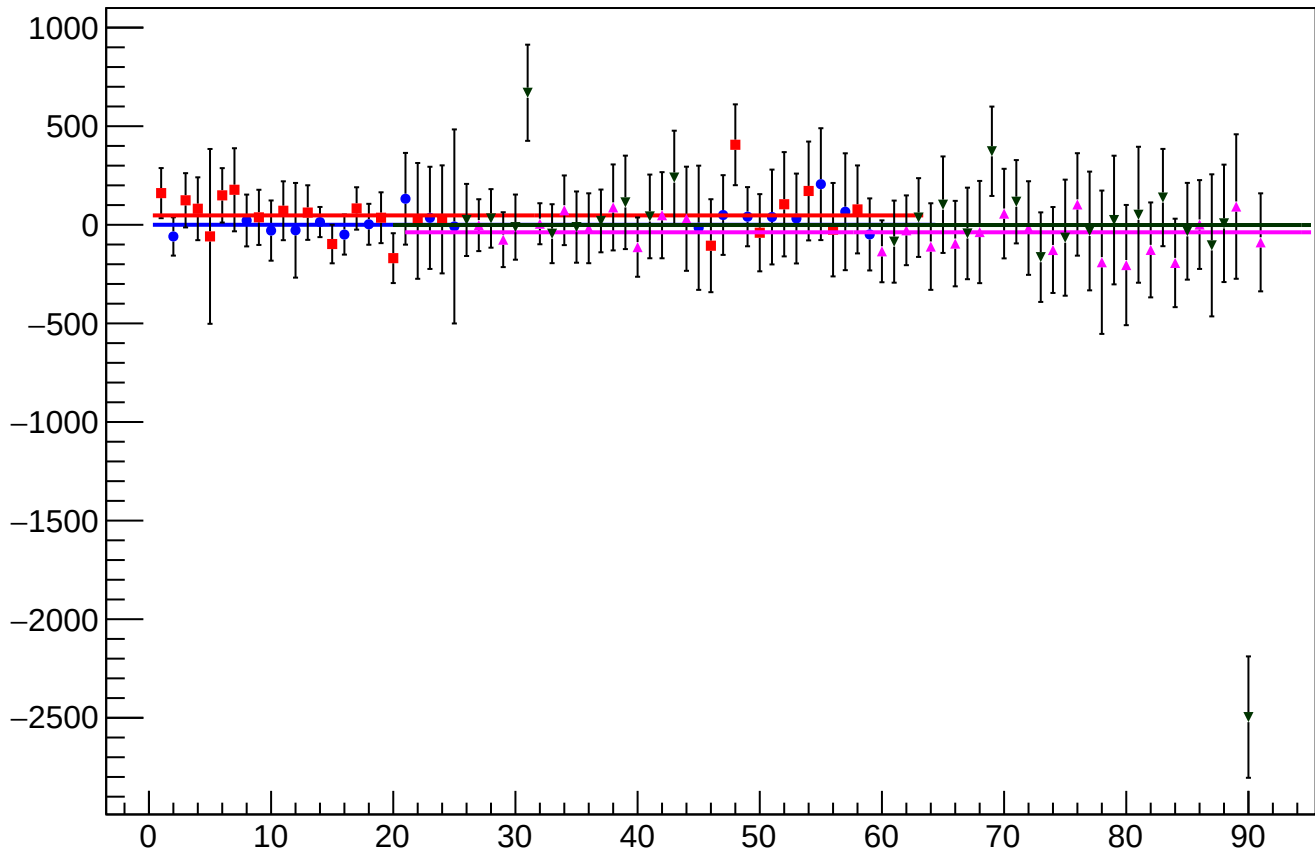
Right Out: 131.849 +/- 0.032 χ^2/NDF : 3522600.1/21

Left In: 137.267 +/- 0.027 χ^2/NDF : 1522473.6/24

147.217 +/- 0.022 χ^2/NDF : 4450910.6/43

135.000 +/- 0.021 χ^2/NDF : 5061931.9/46

asym_bcm_an_ds3_mean vs slug



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

Left Out: -1.061 ± 42.676 $\chi^2/\text{NDF}: 79.2/25$

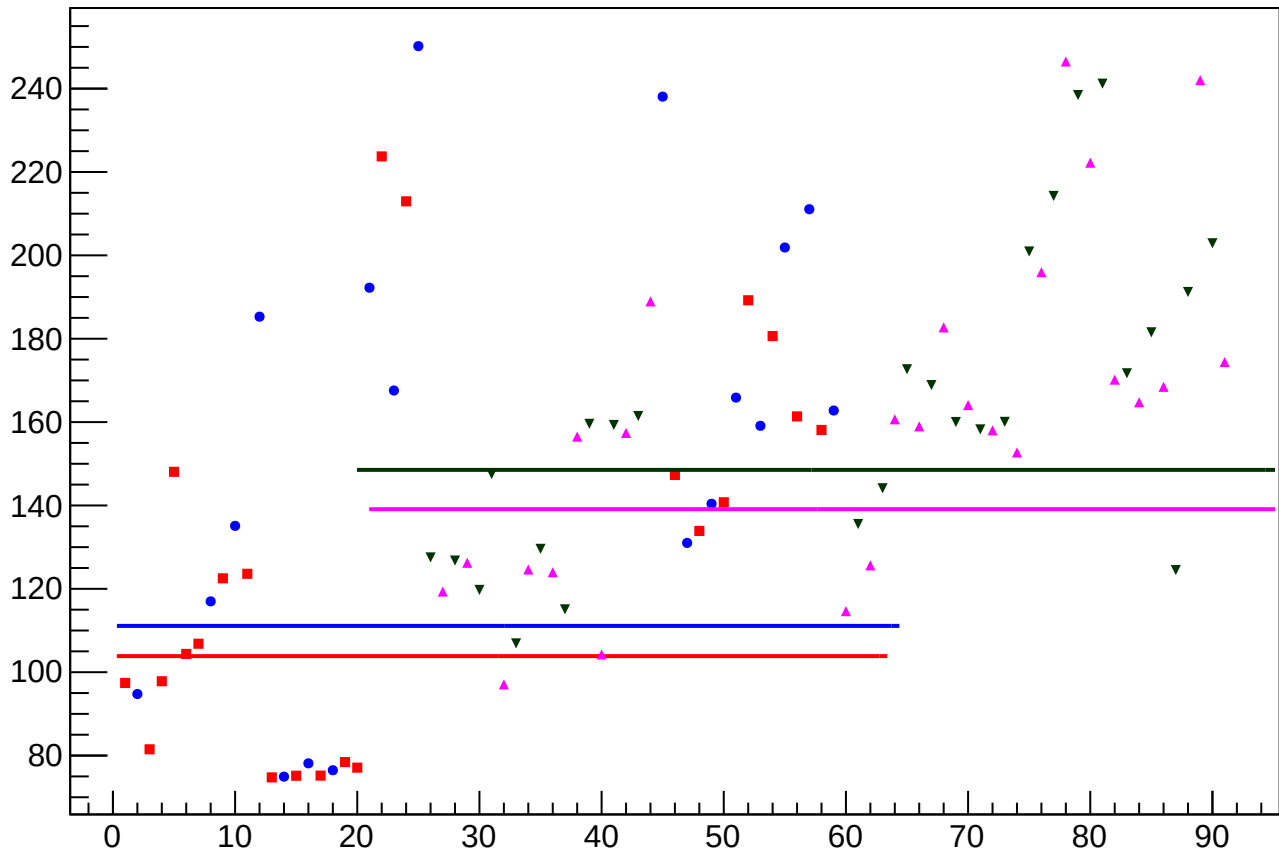
Right Out: 47.654 ± 34.153 $\chi^2/\text{NDF}: 11.5/21$

Left In: -37.968 ± 38.698 $\chi^2/\text{NDF}: 4.0/24$

-0.385 ± 27.310 $\chi^2/\text{NDF}: 81.1/43$

10.165 ± 25.607 $\chi^2/\text{NDF}: 18.3/46$

asym_bcm_an_ds3_rms vs slug



Right In: 111.110 $\pm$ 0.025 χ^2 /NDF: 2885601.1/17

Left Out: 148.535 $\pm$ 0.030 χ^2 /NDF:1090512.9/25

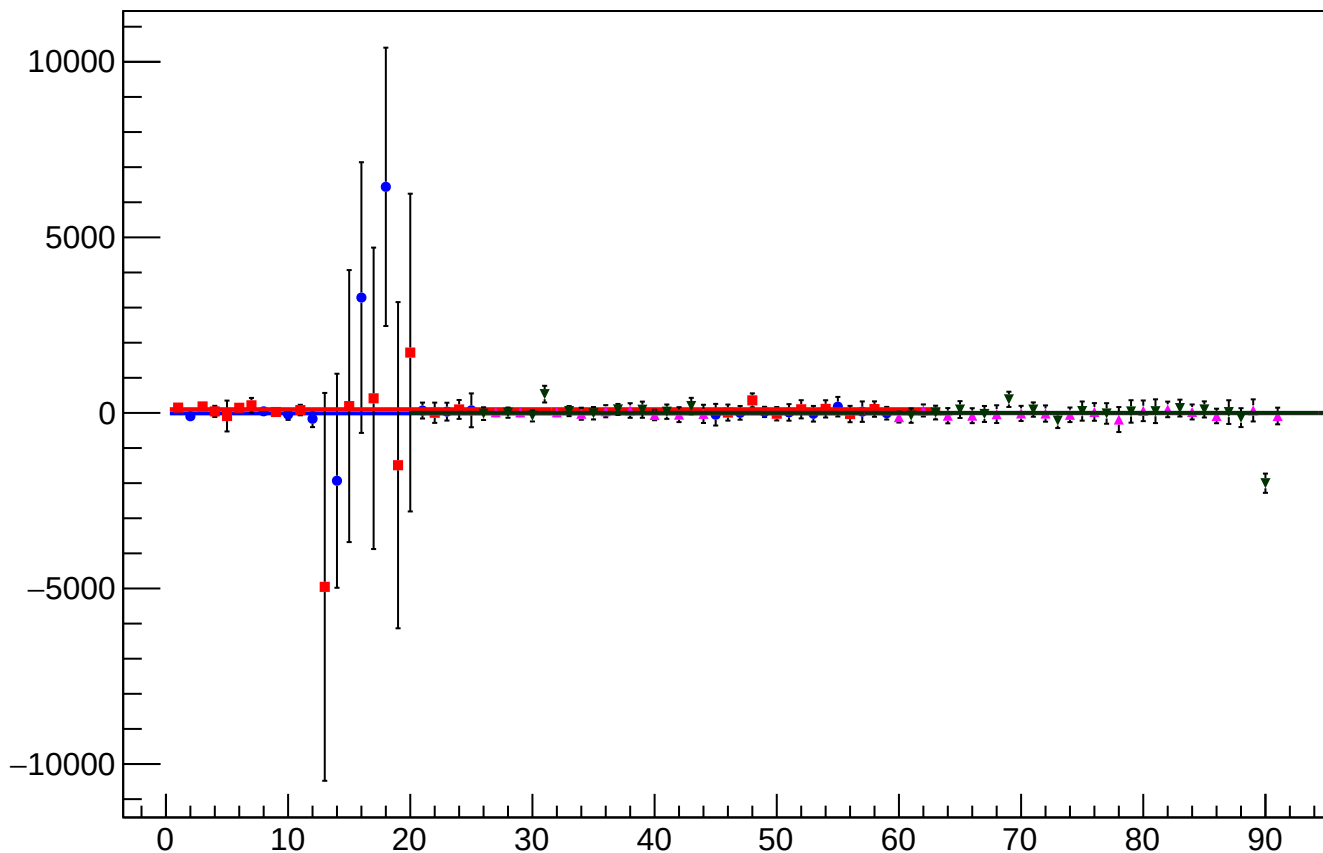
Right Out: 103.857 $\pm$ 0.024 χ^2 /NDF: 2186987.3/21

Left In: 139.108 $\pm$ 0.027 χ^2 /NDF:1531059.8/24

126.436 $\pm$ 0.019 χ^2 /NDF: 4884376.4/43

119.292 $\pm$ 0.018 χ^2 /NDF: 4650939.1/46

asym_bcm_an_us_mean vs slug



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

Left Out: 2.092 ± 41.355 χ^2/NDF : 65.7/25

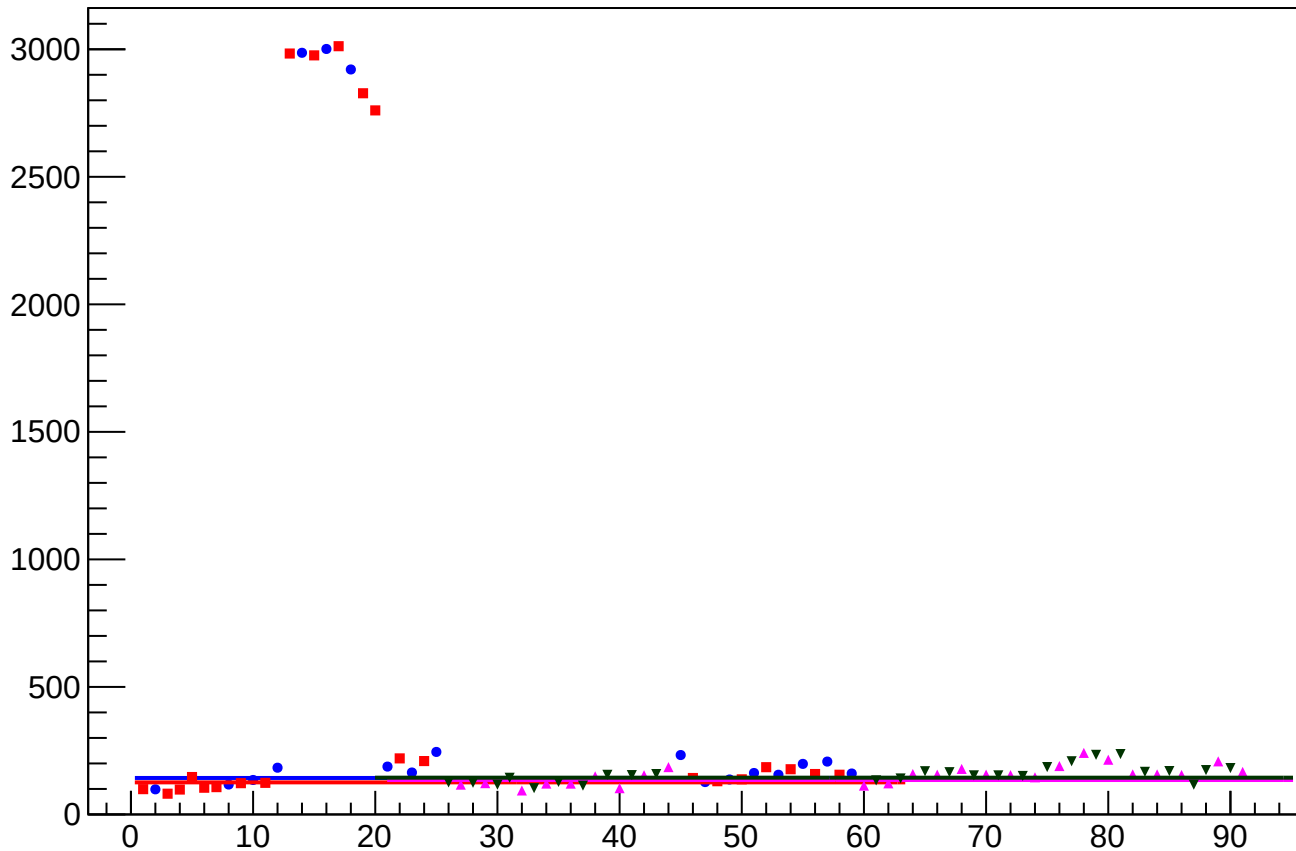
Right Out: 106.263 ± 44.908 χ^2/NDF : 5.3/21

Left In: -10.351 ± 37.473 χ^2/NDF : 2.4/24

-4.071 ± 31.460 χ^2/NDF : 71.6/43

37.517 ± 28.772 χ^2/NDF : 11.7/46

asym_bcm_an_us_rms vs slug



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

Left Out: 144.156+/-0.029 χ^2/NDF :1018297.0/25

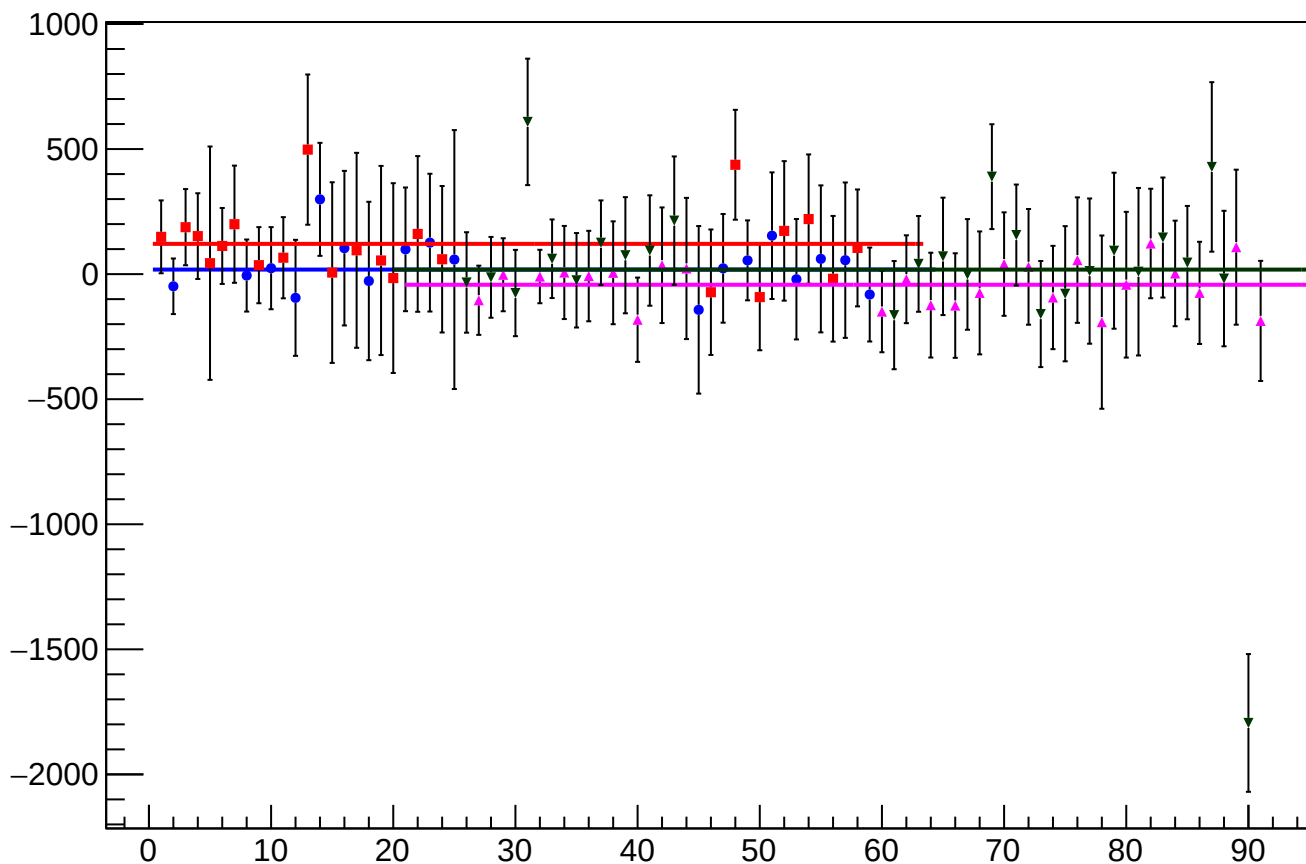
143.697+/-0.022 χ^2/NDF : 5925609.0/43

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

131.230+/-0.020 χ^2/NDF : 6467588.8/46

Left In: 135.015+/-0.026 χ^2/NDF :1422252.1/24

asym_bcm_dg_us_mean vs slug



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

Left Out: 18.111+/-42.873 χ^2/NDF : 57.6/25

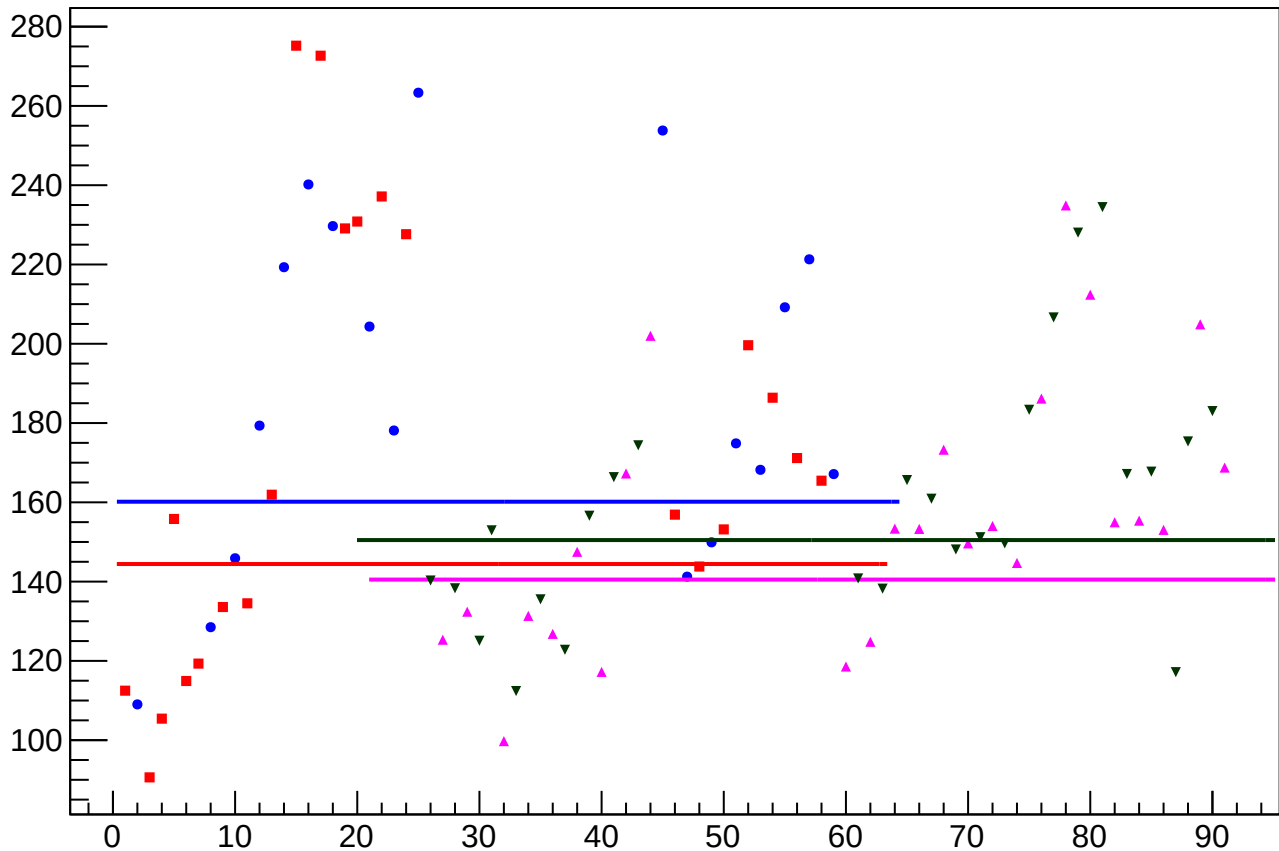
Right Out: 120.979+/-46.946 χ^2/NDF : 6.9/21

Left In: -42.516+/-38.762 χ^2/NDF : 4.1/24

18.149+/-32.365 χ^2/NDF : 61.0/43

23.760+/-29.890 χ^2/NDF : 18.2/46

asym_bcm_dg_us_rms vs slug



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

Left Out: 150.479+/-0.030 χ^2/NDF : 737280.4/25

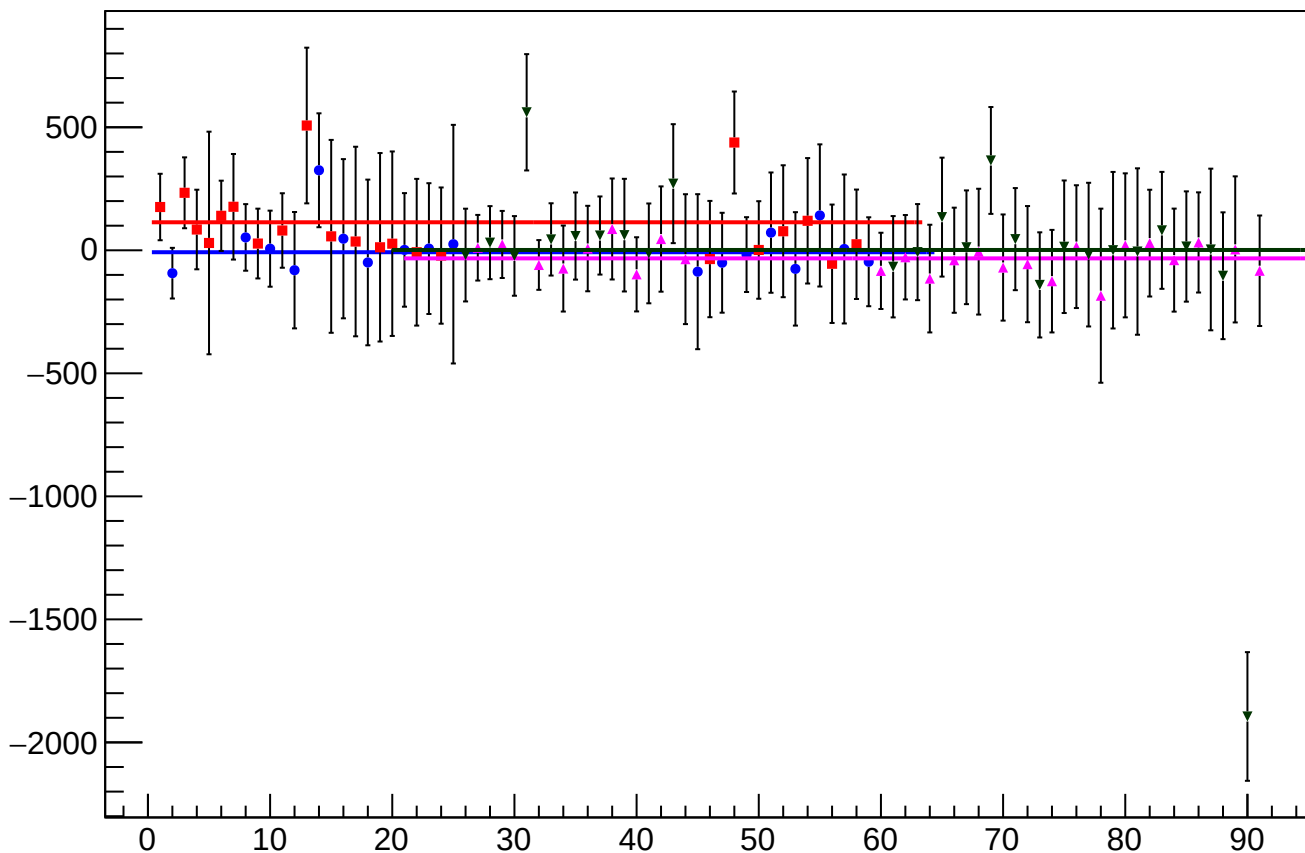
154.641+/-0.023 χ^2/NDF : 2174115.9/43

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

142.103+/-0.021 χ^2/NDF : 2873718.3/46

Left In: 140.512+/-0.027 χ^2/NDF : 1091519.5/24

asym_bcm_dg_ds_mean vs slug



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

Left Out: 1.299 ± 41.498 χ^2/NDF : 63.9/25

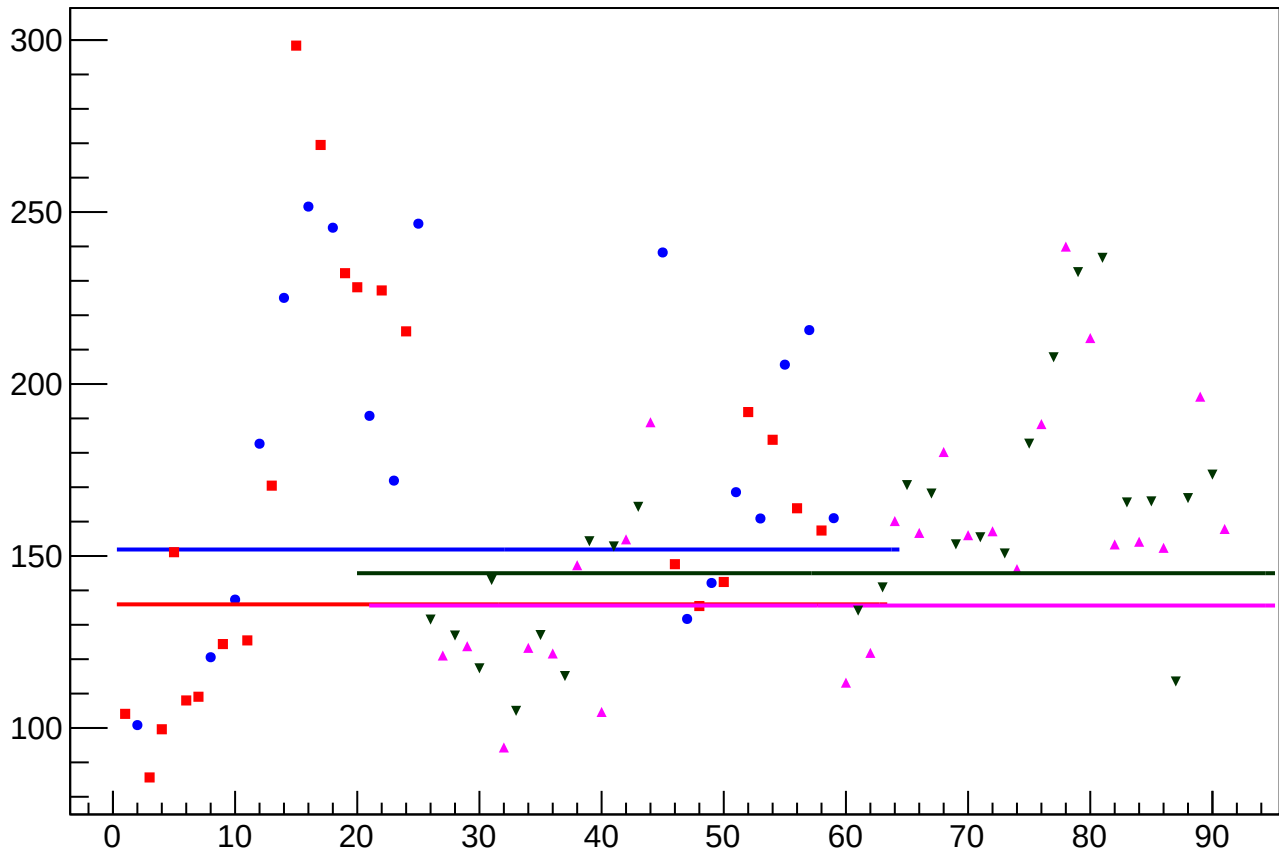
Right Out: 113.884 ± 44.490 χ^2/NDF : 7.5/21

Left In: -32.818 ± 37.557 χ^2/NDF : 2.1/24

-2.681 ± 31.155 χ^2/NDF : 67.7/43

28.224 ± 28.699 χ^2/NDF : 16.0/46

asym_bcm_dg_ds_rms vs slug



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

Left Out: 144.998 $\pm$ 0.029 χ^2 /NDF: 935181.6/25

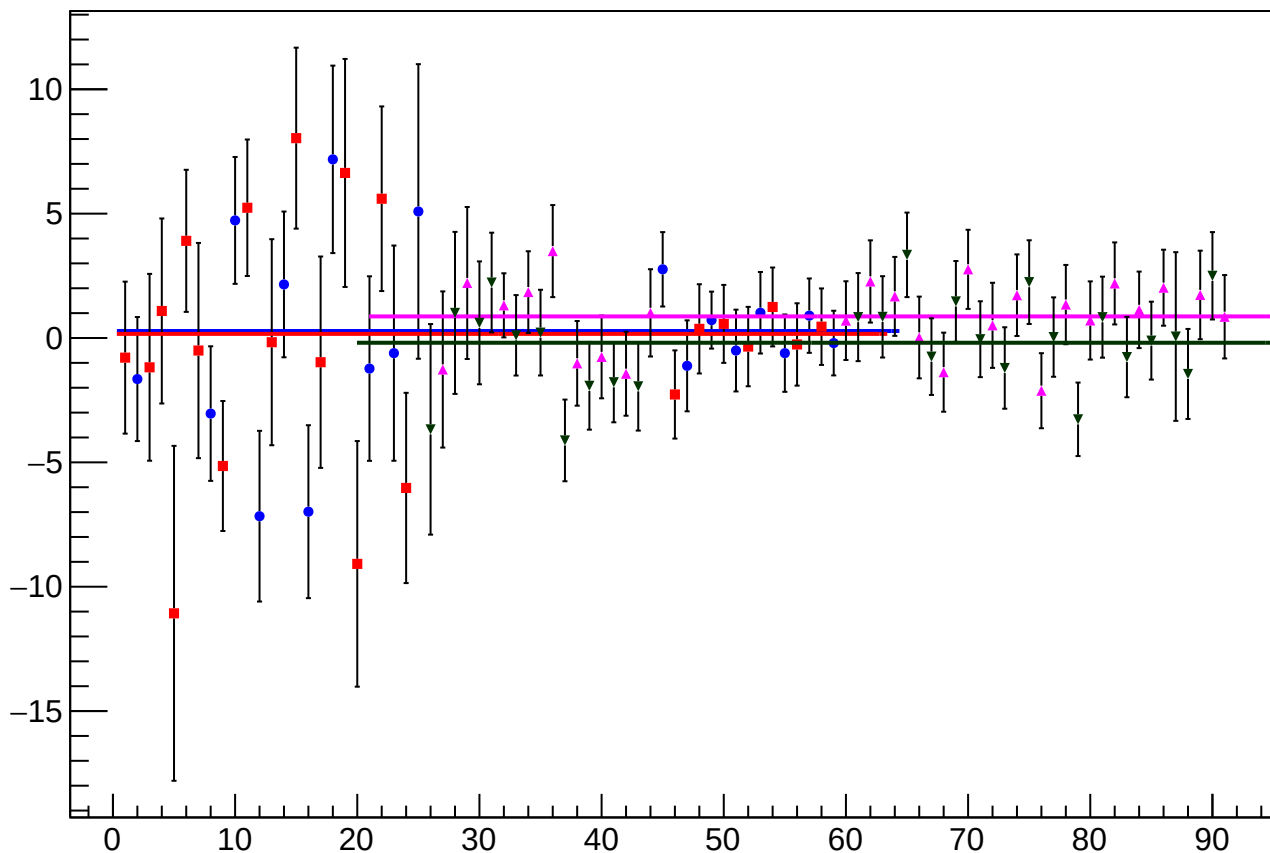
Right Out: 135.941 $\pm$ 0.031 χ^2 /NDF: 2006029.2/21

Left In: 135.603 $\pm$ 0.027 χ^2 /NDF: 1334125.1/24

148.004 $\pm$ 0.022 χ^2 /NDF: 2651998.0/43

135.744 $\pm$ 0.020 χ^2 /NDF: 3340221.7/46

asym_cav4bQ_mean vs slug



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

Left Out: -0.191 ± 0.345 χ^2/NDF : 27.6/25

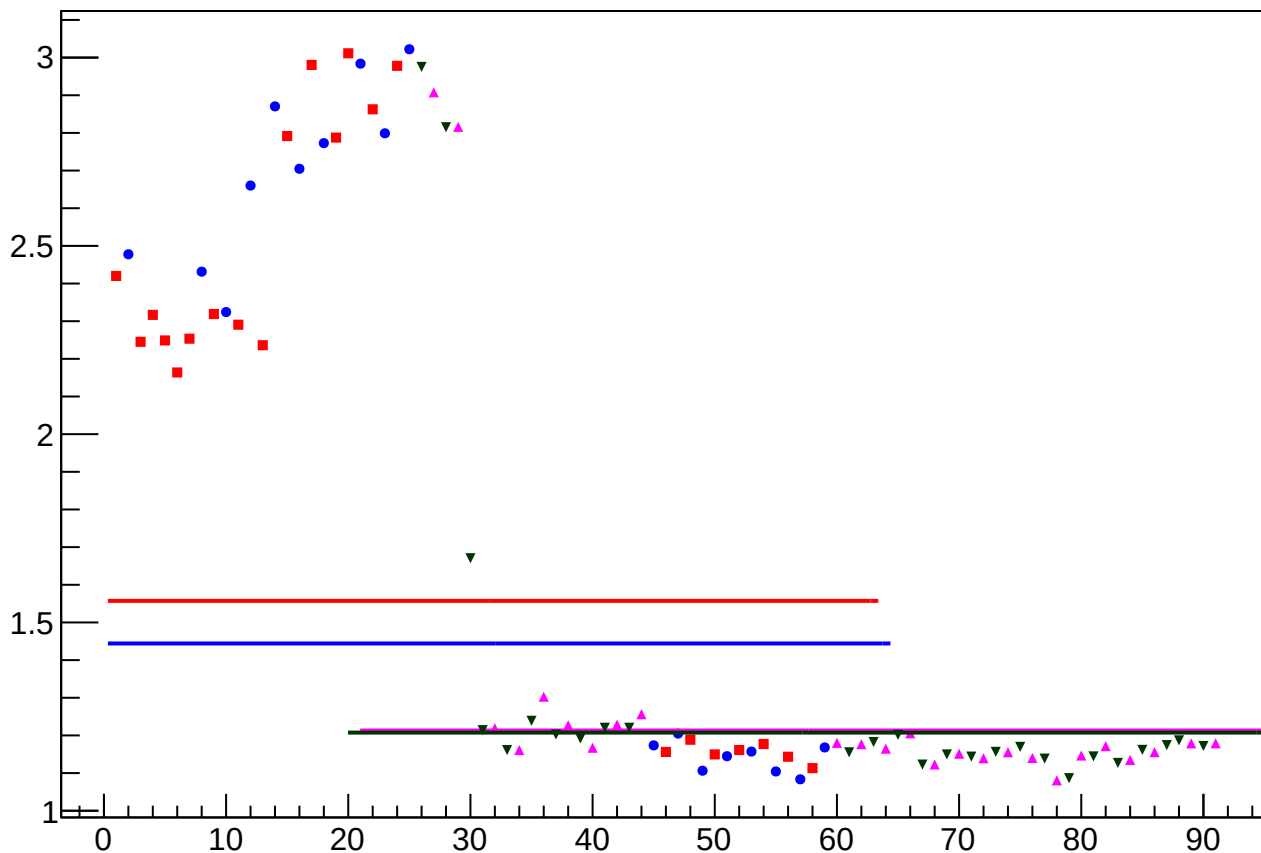
Right Out: 0.165 ± 0.516 χ^2/NDF : 30.0/21

Left In: 0.868 ± 0.333 χ^2/NDF : 17.7/24

-0.023 ± 0.277 χ^2/NDF : 51.6/43

0.661 ± 0.280 χ^2/NDF : 49.0/46

asym_cav4bQ_rms vs slug



Right In: 1.444 $\pm$ 0.000 χ^2 /NDF: 3470861.0/17

Left Out: 1.208 $\pm$ 0.000 χ^2 /NDF: 954430.4/25

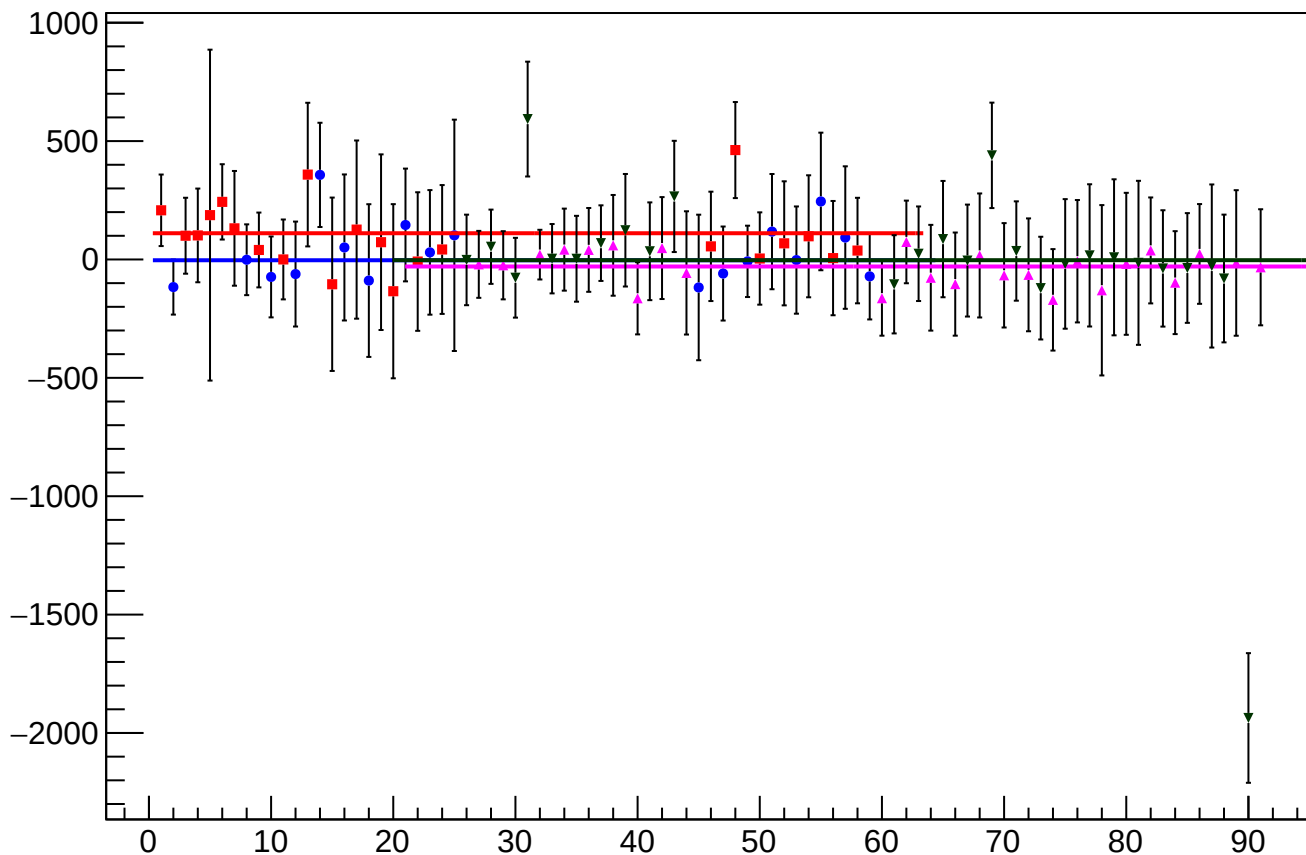
Right Out: 1.557 $\pm$ 0.000 χ^2 /NDF: 2987074.5/21

Left In: 1.213 $\pm$ 0.000 χ^2 /NDF: 1194830.3/24

1.292 $\pm$ 0.000 χ^2 /NDF: 4761300.1/43

1.314 $\pm$ 0.000 χ^2 /NDF: 4810912.6/46

asym_cav4cQ_mean vs slug



Right In: -3.303 ± 48.809 χ^2/NDF : 5.9/17

Left Out: -3.019 ± 42.434 χ^2/NDF : 62.9/25

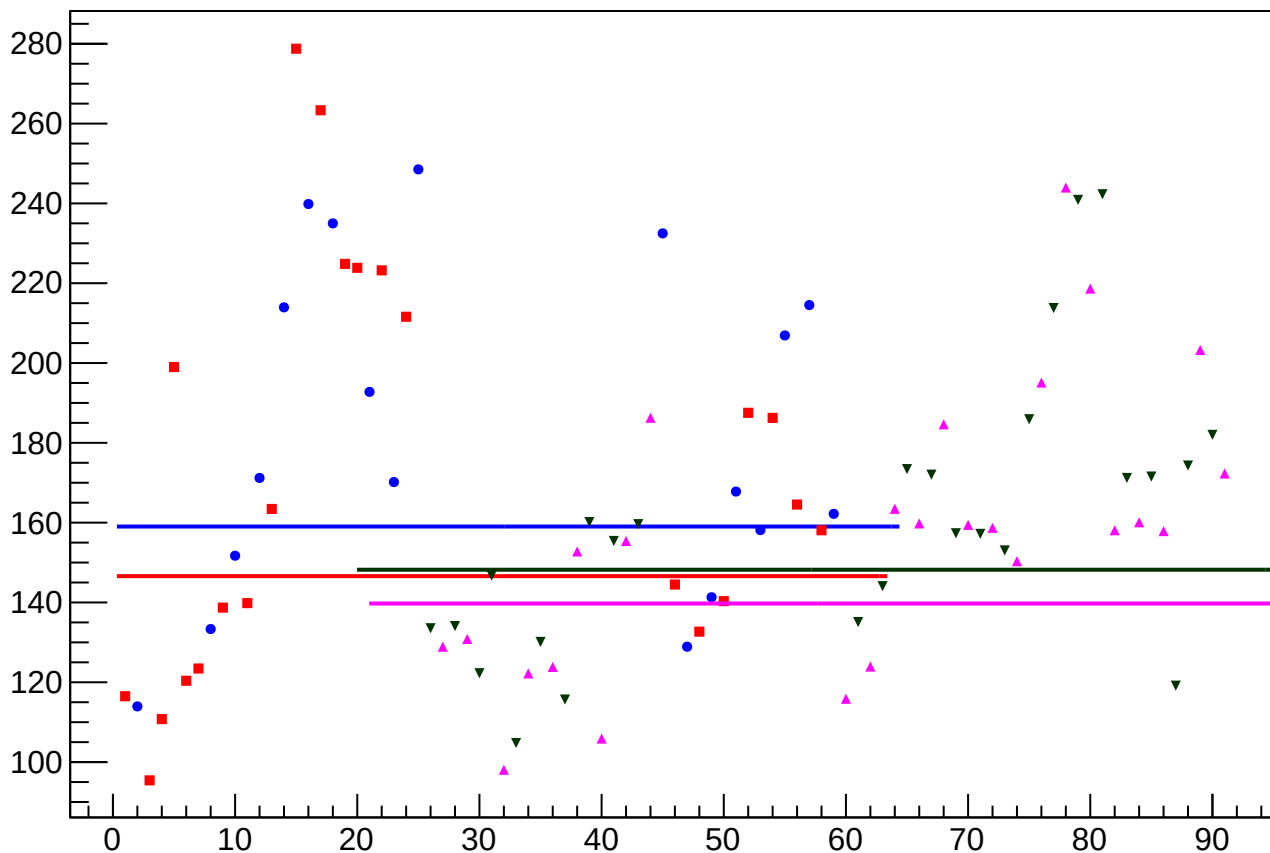
Right Out: 110.795 ± 47.483 χ^2/NDF : 7.1/21

Left In: -29.679 ± 38.666 χ^2/NDF : 3.7/24

-3.142 ± 32.024 χ^2/NDF : 68.7/43

26.330 ± 29.983 χ^2/NDF : 16.1/46

asym_cav4cQ_rms vs slug



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

Left Out: 148.203+/-0.030 χ^2/NDF : 964981.0/25

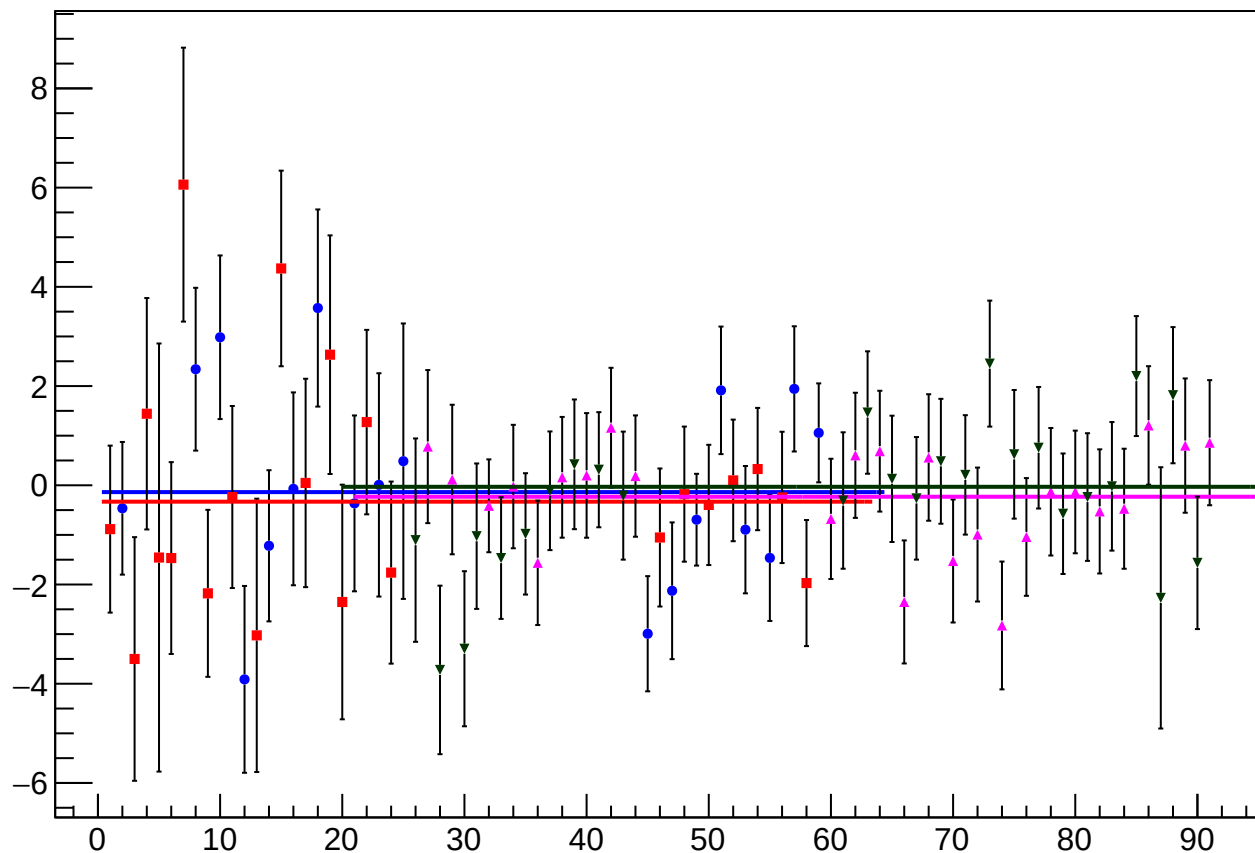
Right Out: 146.591+/-0.034 χ^2/NDF : 1452425.9/21

Left In: 139.739+/-0.027 χ^2/NDF : 1310307.0/24

152.861+/-0.023 χ^2/NDF : 2187306.8/43

142.471+/-0.021 χ^2/NDF : 2787774.2/46

asym_cav4dQ_mean vs slug



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

Left Out: -0.031 ± 0.259 χ^2/NDF : 25.8/25

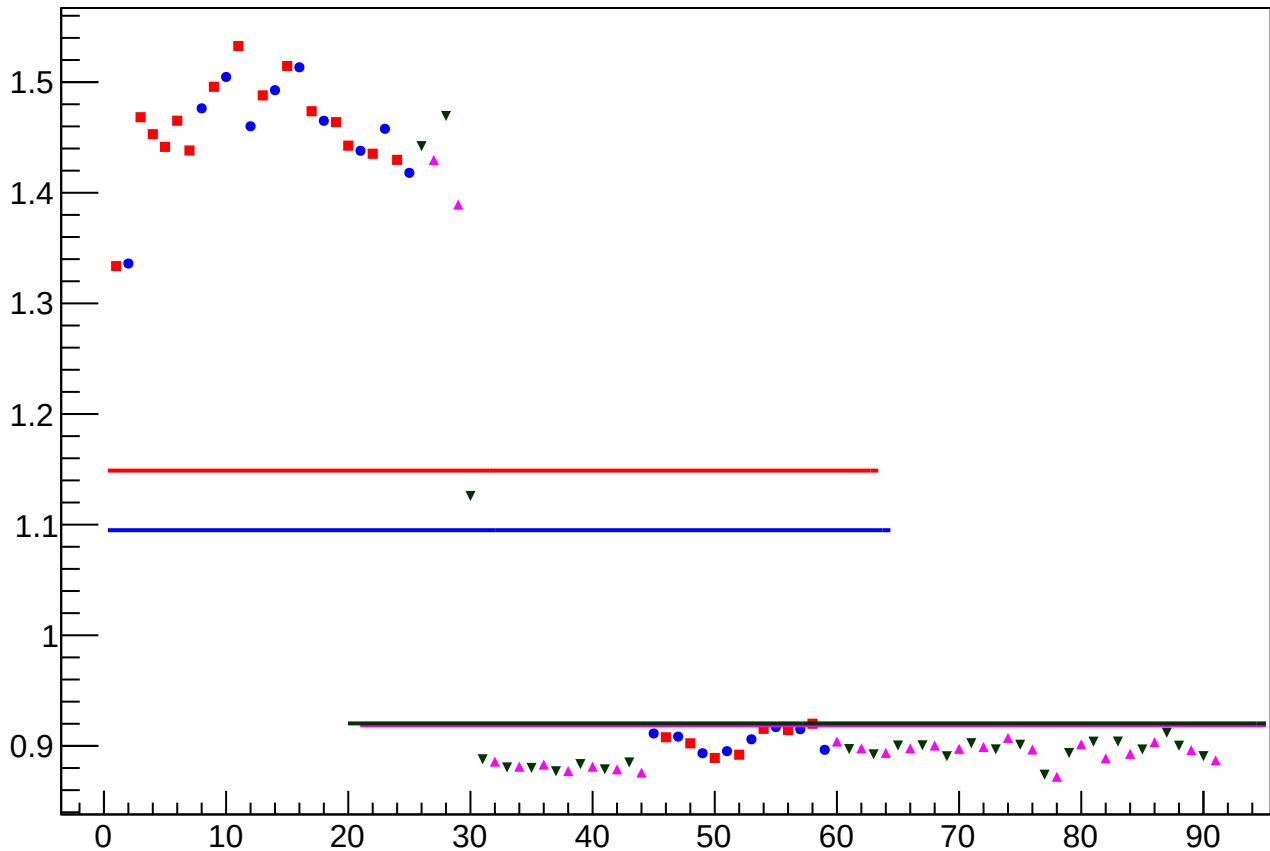
Right Out: -0.330 ± 0.362 χ^2/NDF : 22.0/21

Left In: -0.231 ± 0.249 χ^2/NDF : 16.6/24

-0.071 ± 0.204 χ^2/NDF : 56.5/43

-0.263 ± 0.205 χ^2/NDF : 38.6/46

asym_cav4dQ_rms vs slug



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

Left Out: 0.920+/-0.000 χ^2/NDF : 398760.3/25

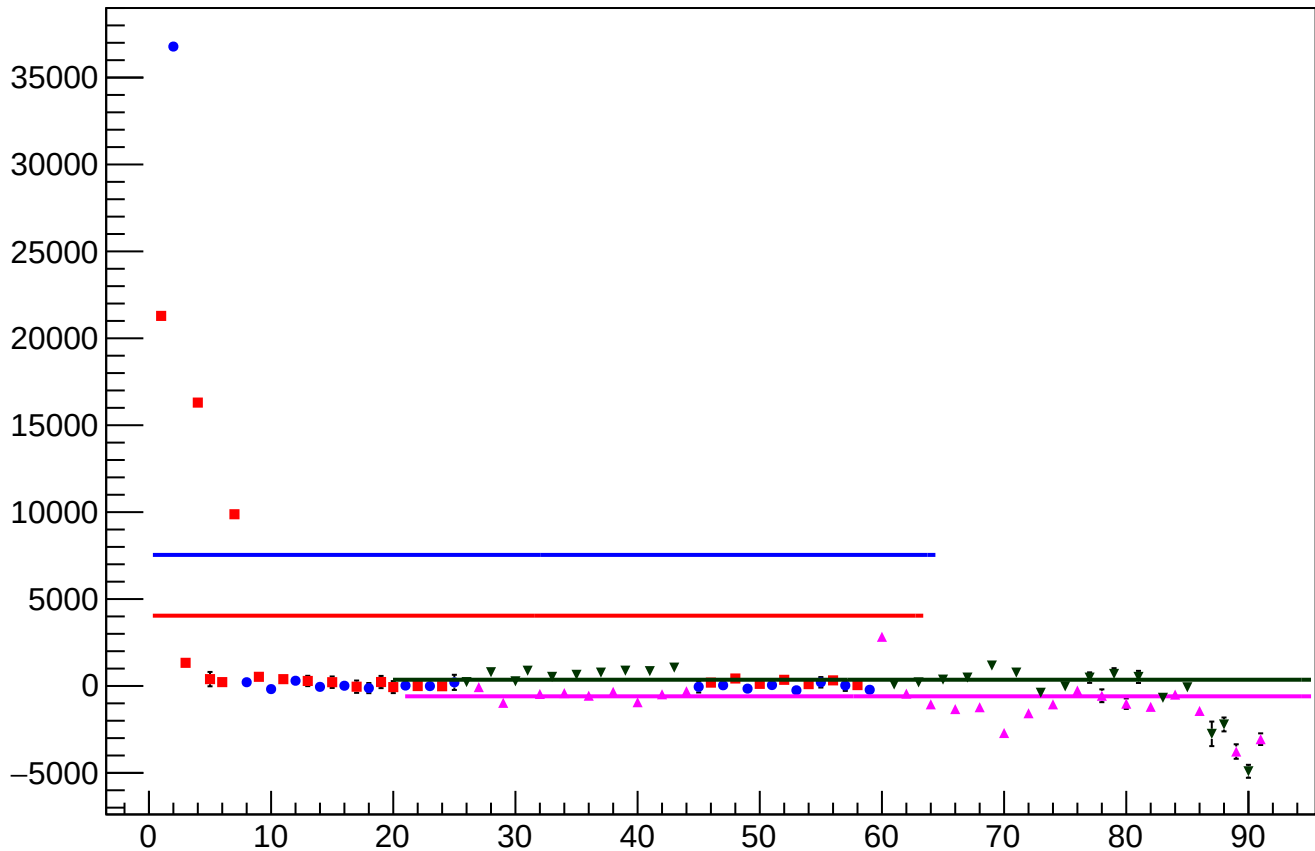
0.986+/-0.000 χ^2/NDF : 1999318.0/43

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

0.992+/-0.000 χ^2/NDF : 2149865.7/46

Left In: 0.919+/-0.000 χ^2/NDF : 440785.0/24

asym_bcm0l02_mean vs slug



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

Left Out: 358.931+/-43.902 χ^2/NDF : 352.8/25

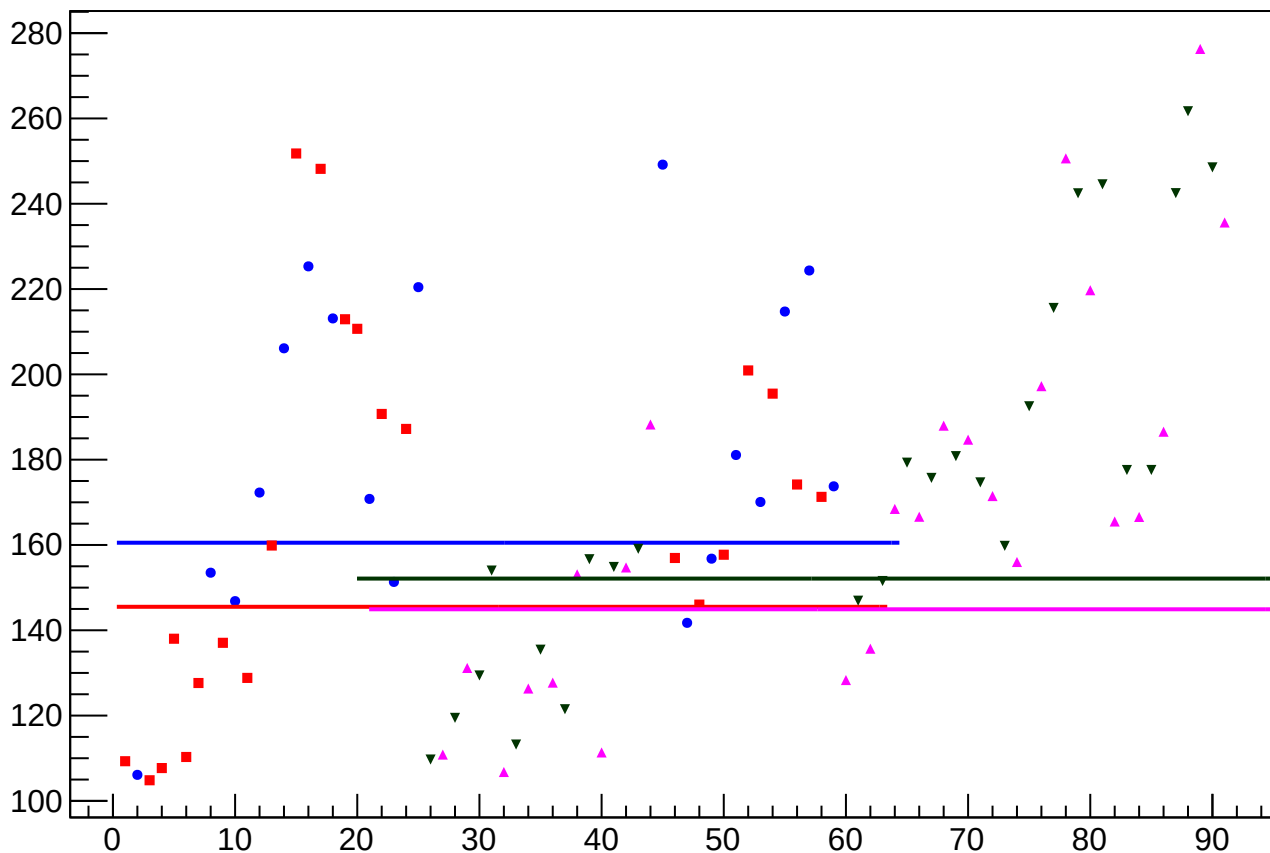
3540.509+/-32.763 χ^2/NDF : 103438.2/43

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

1374.496+/-30.535 χ^2/NDF : 31058.1/46

Left In: -595.385+/-40.255 χ^2/NDF : 660.4/24

asym_bcm0l02_rms vs slug



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

Left Out: 152.120+/-0.031 χ^2/NDF : 1357305.2/25

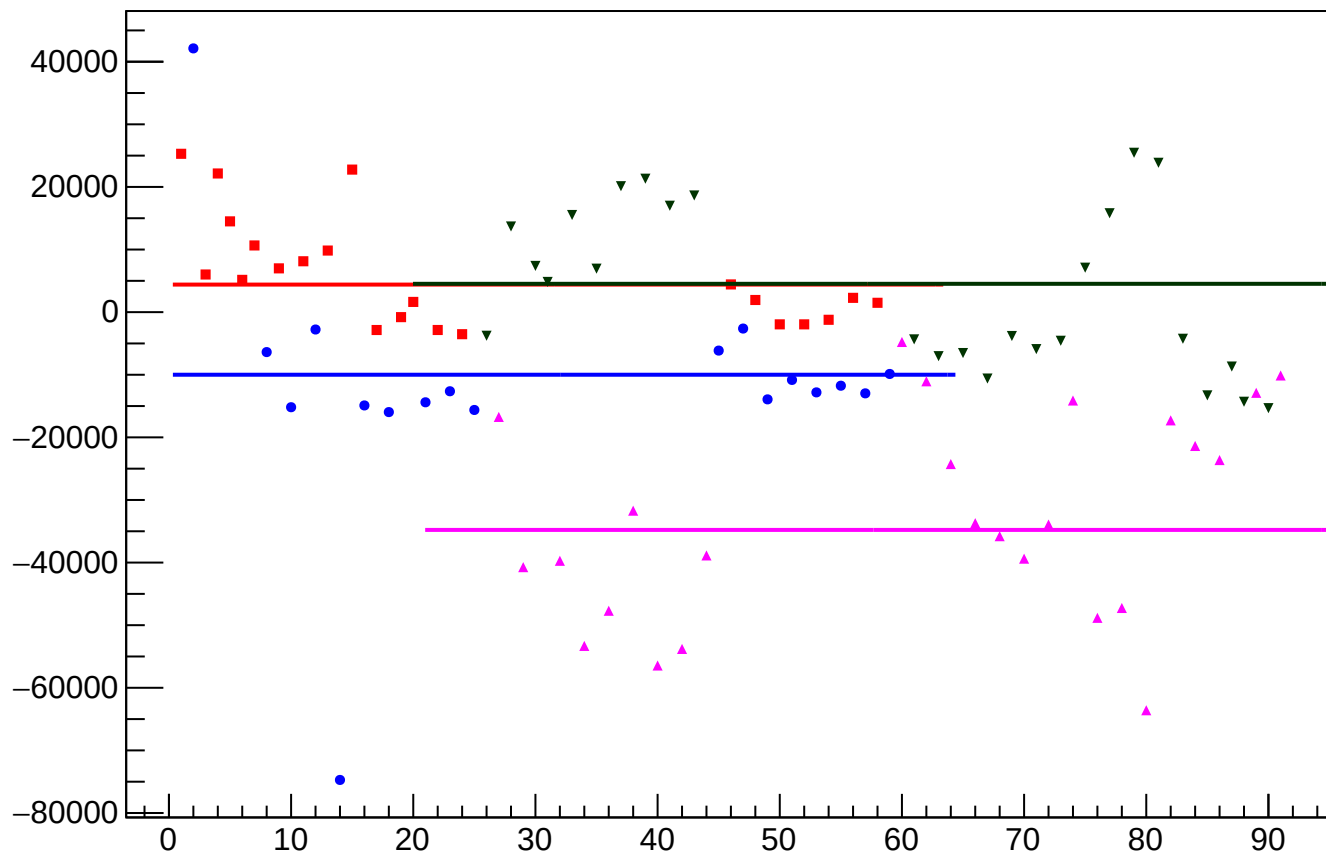
Right Out: 145.506+/-0.033 χ^2/NDF : 1330660.7/21

Left In: 144.920+/-0.028 χ^2/NDF : 1580247.5/24

155.845+/-0.023 χ^2/NDF : 2550895.4/43

145.169+/-0.022 χ^2/NDF : 2911088.2/46

asym_bpm2i01WS_mean vs slug



Right In: -9996.544+/-31.550 χ^2/NDF : 443939.4/17

Left Out: 4525.164+/-27.023 χ^2/NDF : 221358.3/25

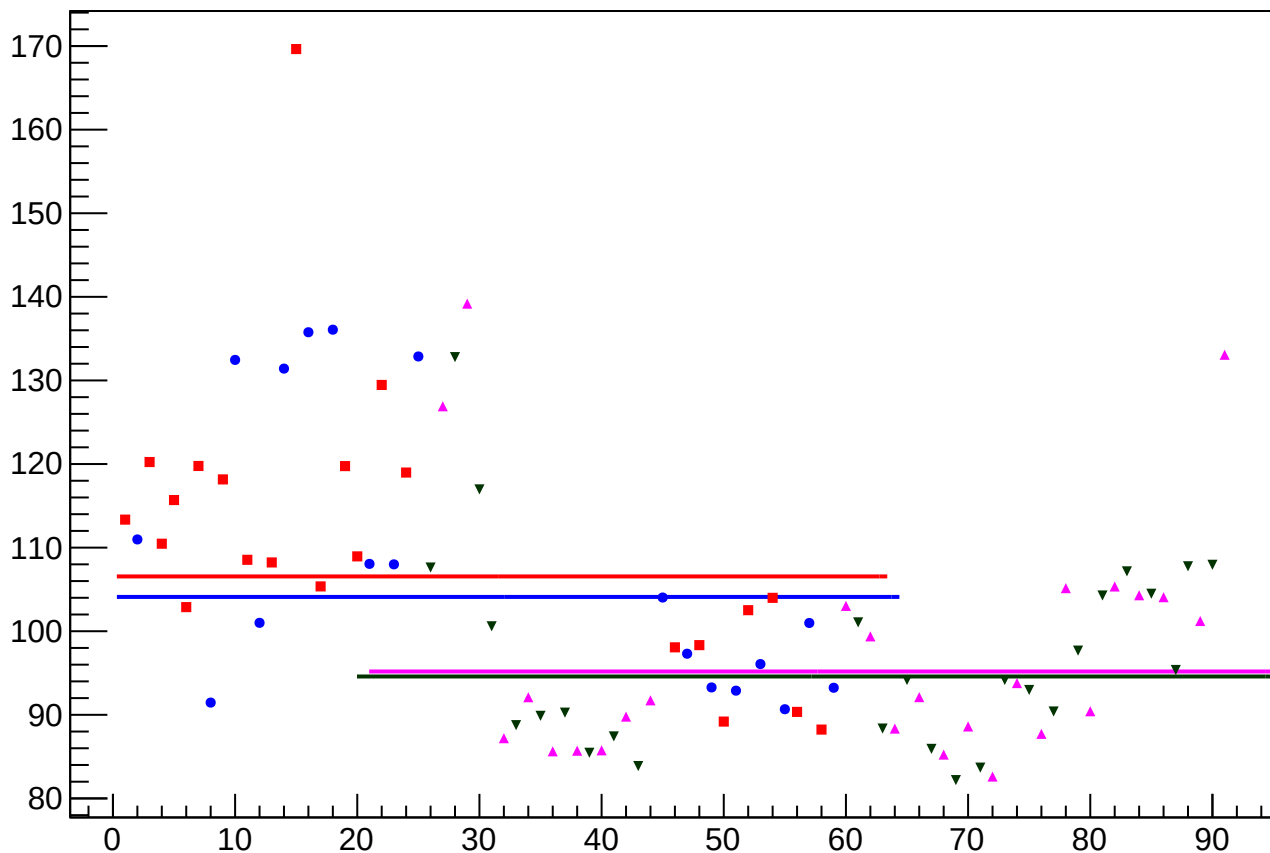
Right Out: 4401.928+/-33.869 χ^2/NDF : 53307.9/21

Left In: -34783.529+/-26.175 χ^2/NDF : 351114.4/24

-1620.027+/-20.524 χ^2/NDF : 787503.9/43

-20130.553+/-20.711 χ^2/NDF : 1242472.6/46

asym_bpm2i01WS_rms vs slug



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

Left Out: 94.585+/-0.019 χ^2/NDF : 327955.7/25

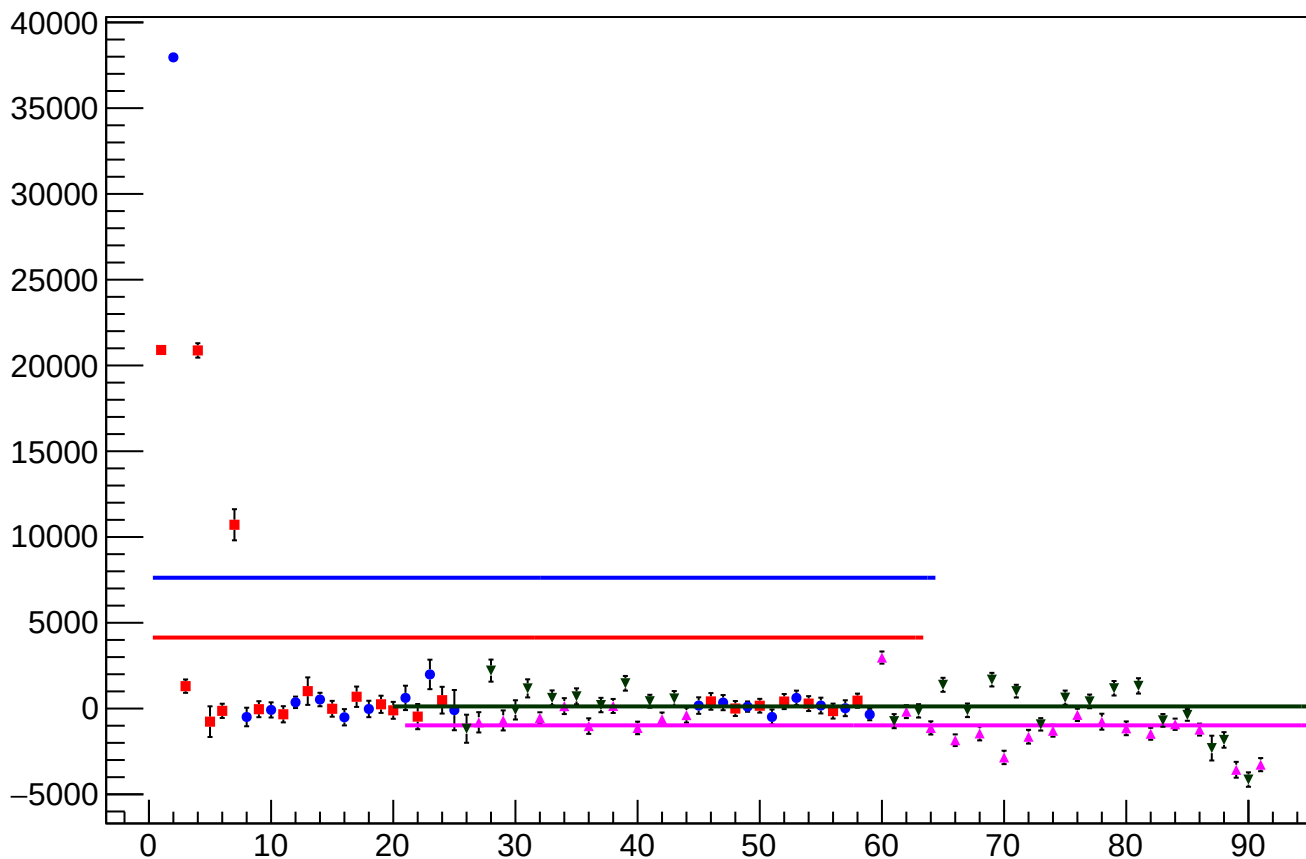
Right Out: 106.556+/-0.024 χ^2/NDF : 369374.2/21

Left In: 95.184+/-0.019 χ^2/NDF : 496488.8/24

98.613+/-0.015 χ^2/NDF : 859771.1/43

99.436+/-0.015 χ^2/NDF : 1007029.0/46

asym_bpm0i07WS_mean vs slug



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

Left Out: 124.146+/-84.277 χ^2/NDF :230.1/25

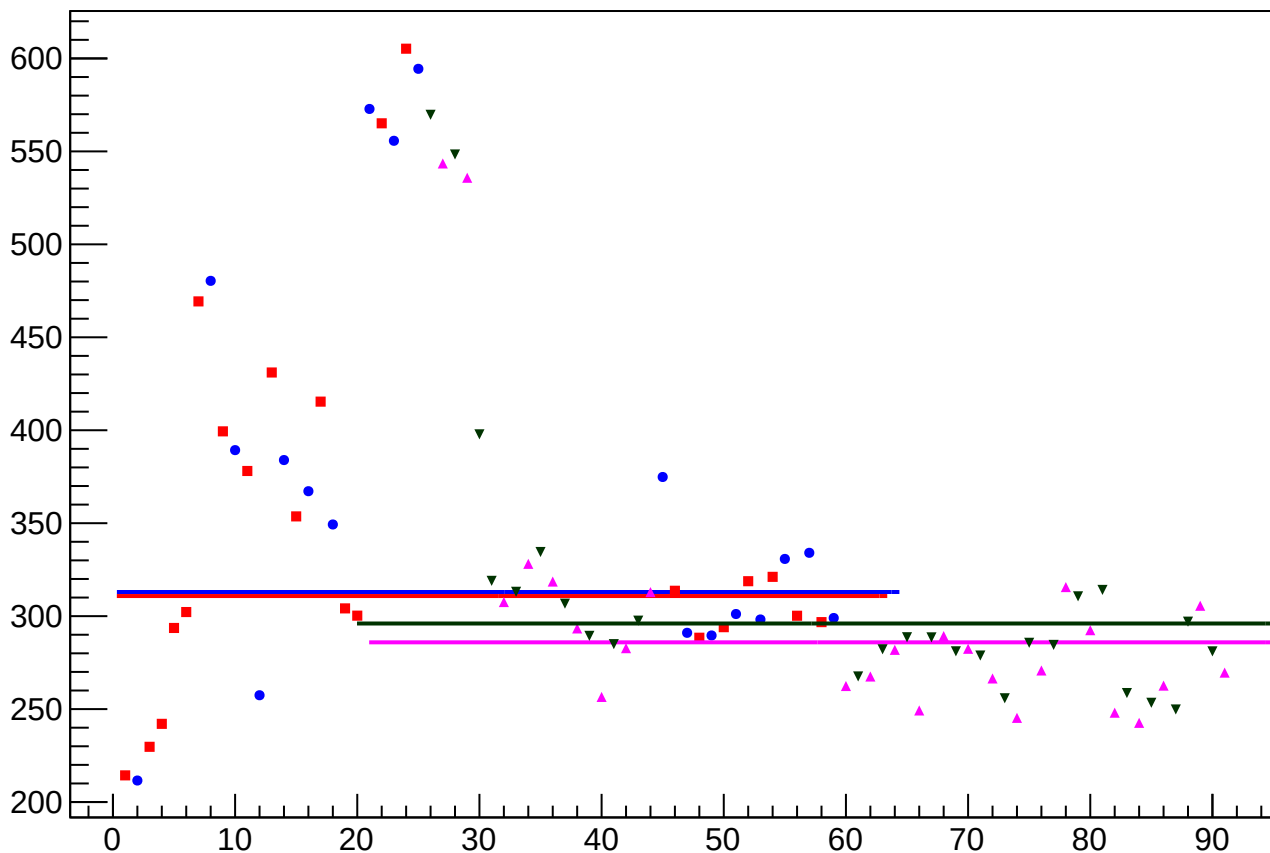
Right Out: 4138.164+/-99.861 χ^2/NDF : 6475.4/21

Left In: -979.641+/-78.318 χ^2/NDF :254.5/24

3379.558+/-63.407 χ^2/NDF : 28332.0/43

969.417+/-61.626 χ^2/NDF : 8356.2/46

asym_bpm0i07WS_rms vs slug



Right In: 312.989 $\pm$ 0.068 χ^2 /NDF: 1456343.7/17

Left Out: 296.046 $\pm$ 0.060 χ^2 /NDF: 736097.9/25

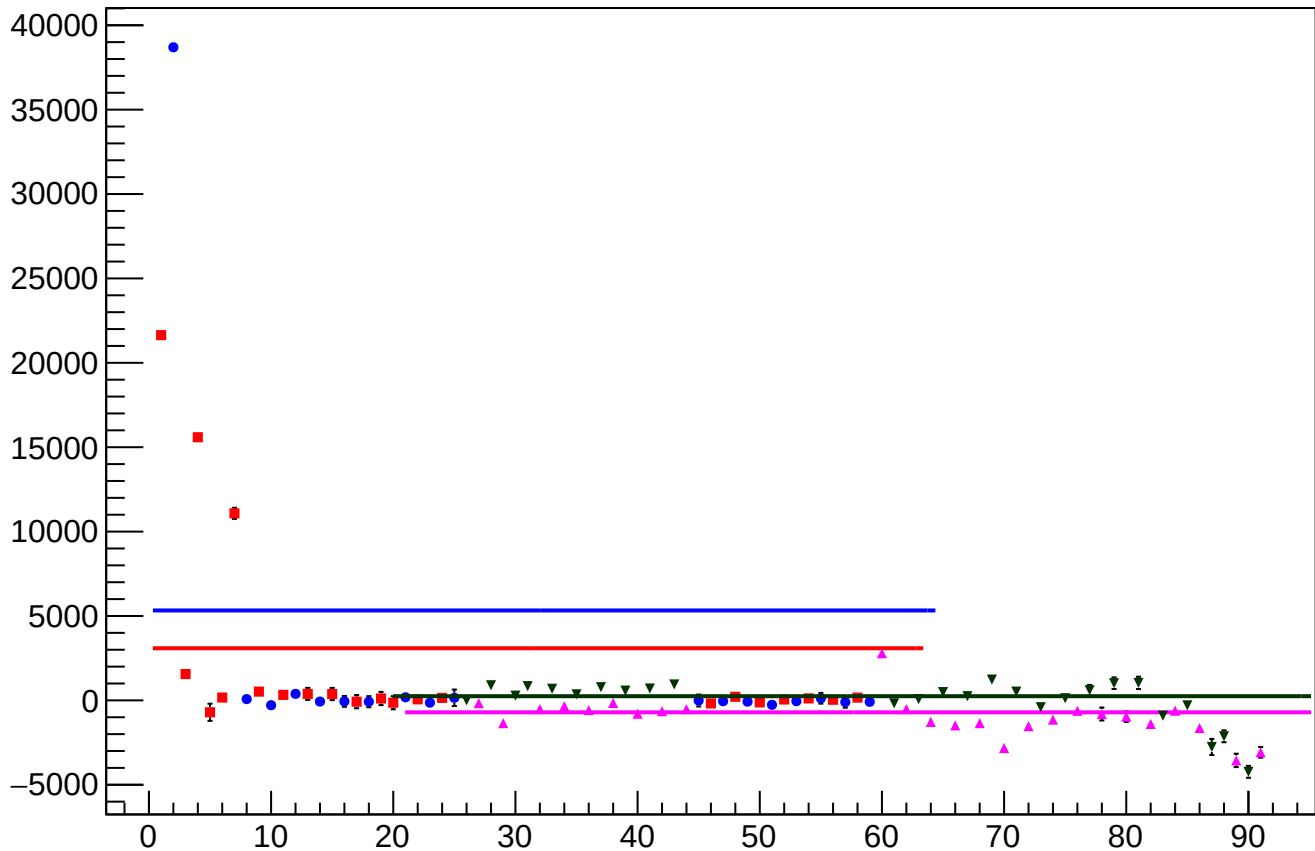
Right Out: 310.816 $\pm$ 0.071 χ^2 /NDF: 1217552.1/21

Left In: 285.911 $\pm$ 0.055 χ^2 /NDF: 958881.2/24

303.398 $\pm$ 0.045 χ^2 /NDF: 2227518.8/43

295.396 $\pm$ 0.044 χ^2 /NDF: 2253456.0/46

asym_bpm0l01WS_mean vs slug



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

Left Out: 247.111+/-48.428 χ^2/NDF : 352.7/25

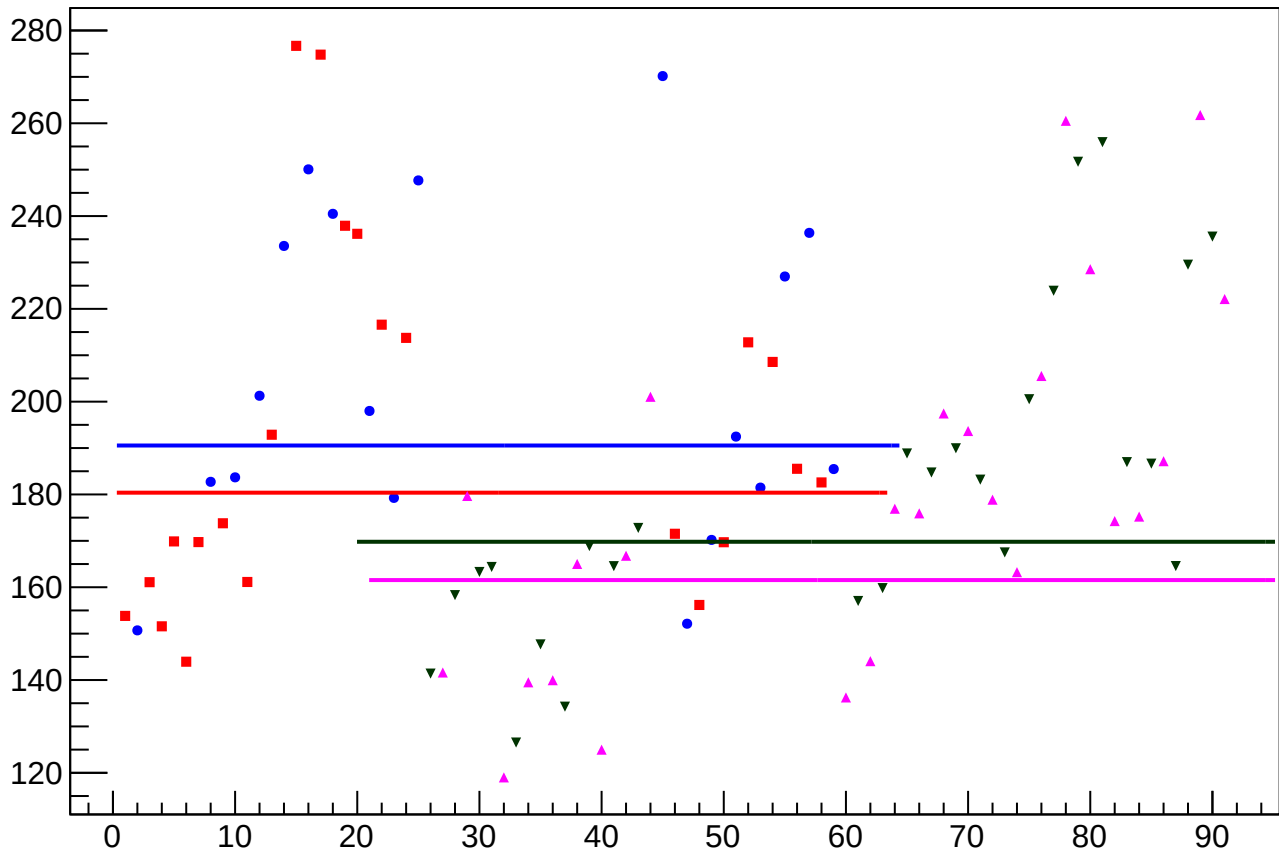
2350.364+/-37.070 χ^2/NDF : 58815.2/43

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

726.157+/-35.040 χ^2/NDF : 17220.2/46

Left In: -708.023+/-44.422 χ^2/NDF : 620.0/24

asym_bpm0l01WS_rms vs slug



Right In: 190.548 ± 0.041 $\chi^2/\text{NDF}: 601797.4/17$

Left Out: 169.800 ± 0.034 $\chi^2/\text{NDF}: 761378.1/25$

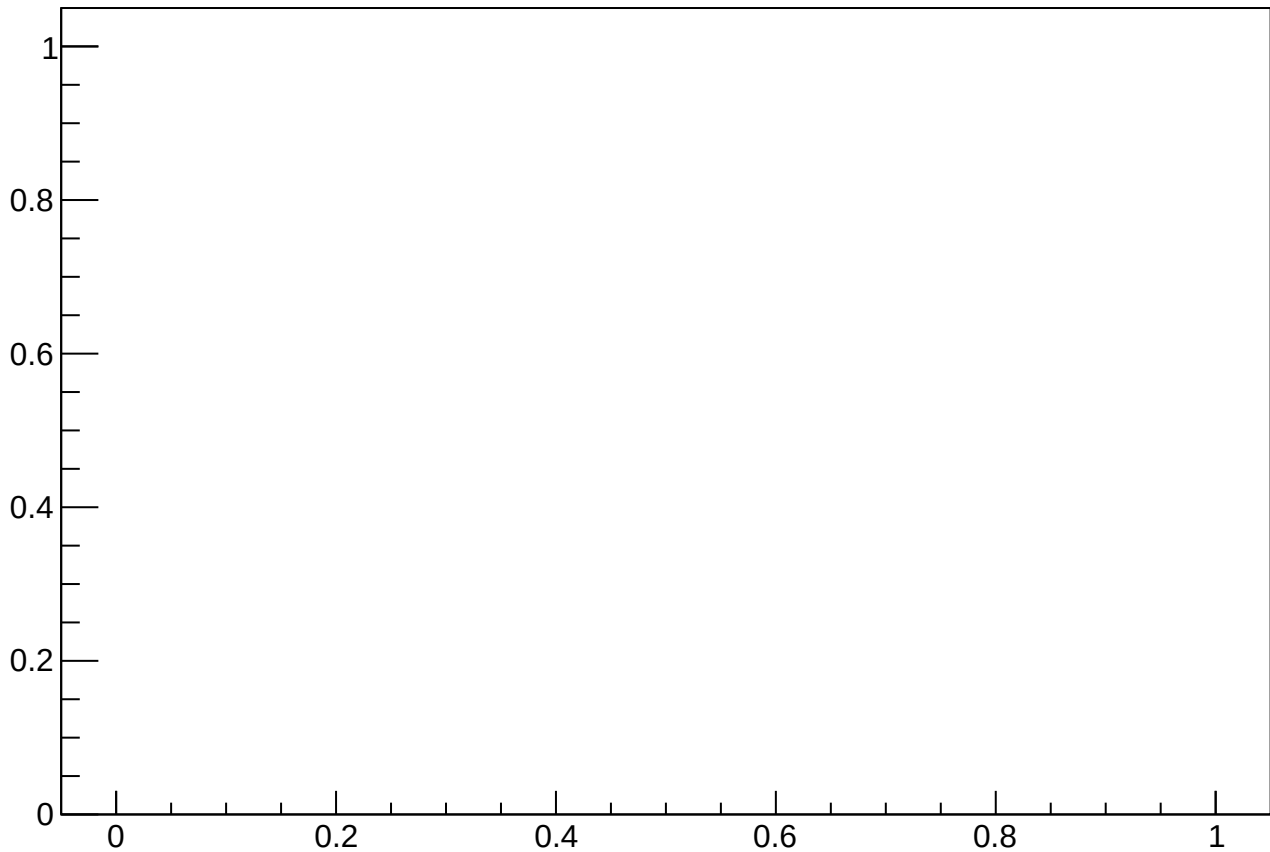
Right Out: 180.382 ± 0.040 $\chi^2/\text{NDF}: 643486.3/21$

Left In: 161.543 ± 0.031 $\chi^2/\text{NDF}: 1097444.8/24$

178.391 ± 0.026 $\chi^2/\text{NDF}: 1515173.1/43$

168.660 ± 0.025 $\chi^2/\text{NDF}: 1876813.3/46$

bcm_an_us_ds_avg_mean vs slug



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

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

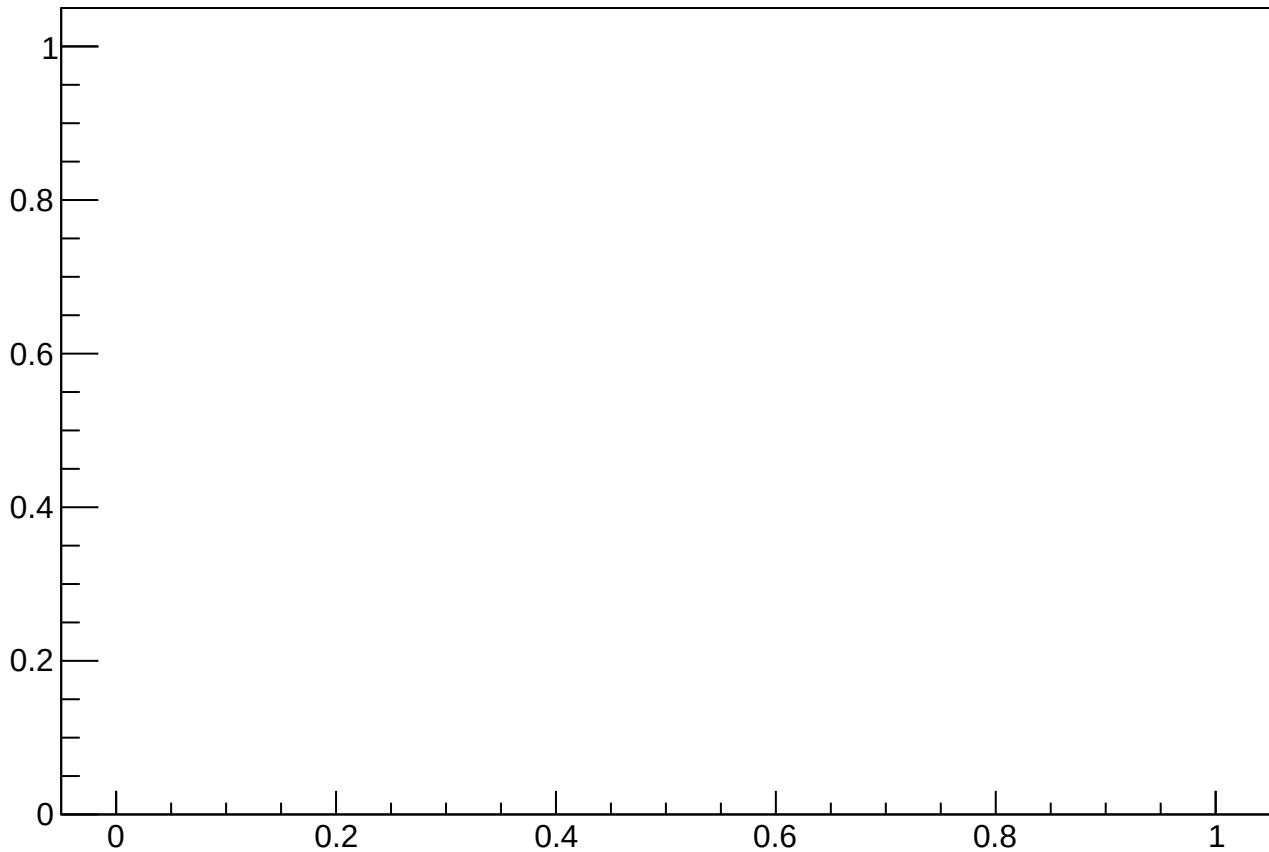
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

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

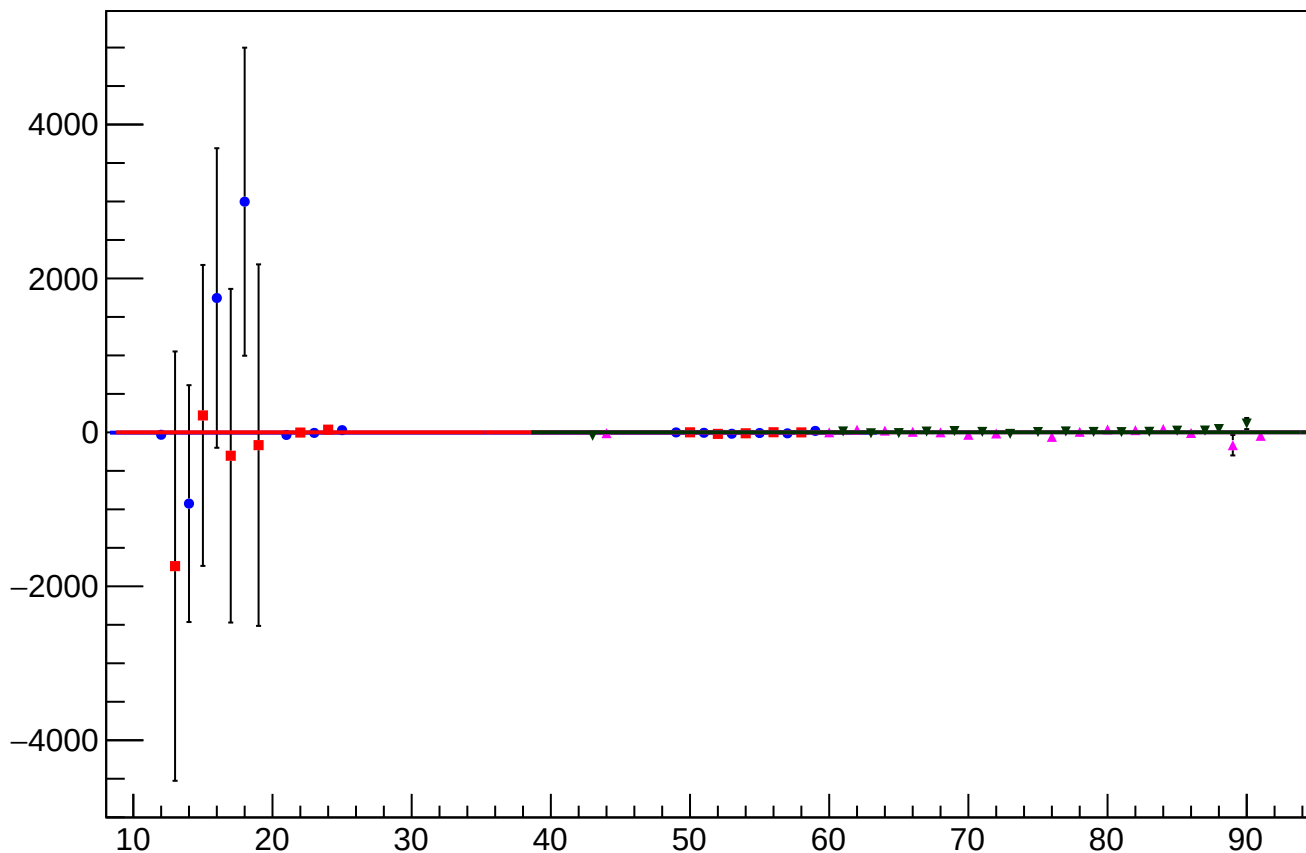
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



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

Left Out: 1.399+/-6.505 χ^2 /NDF: 9.6/16

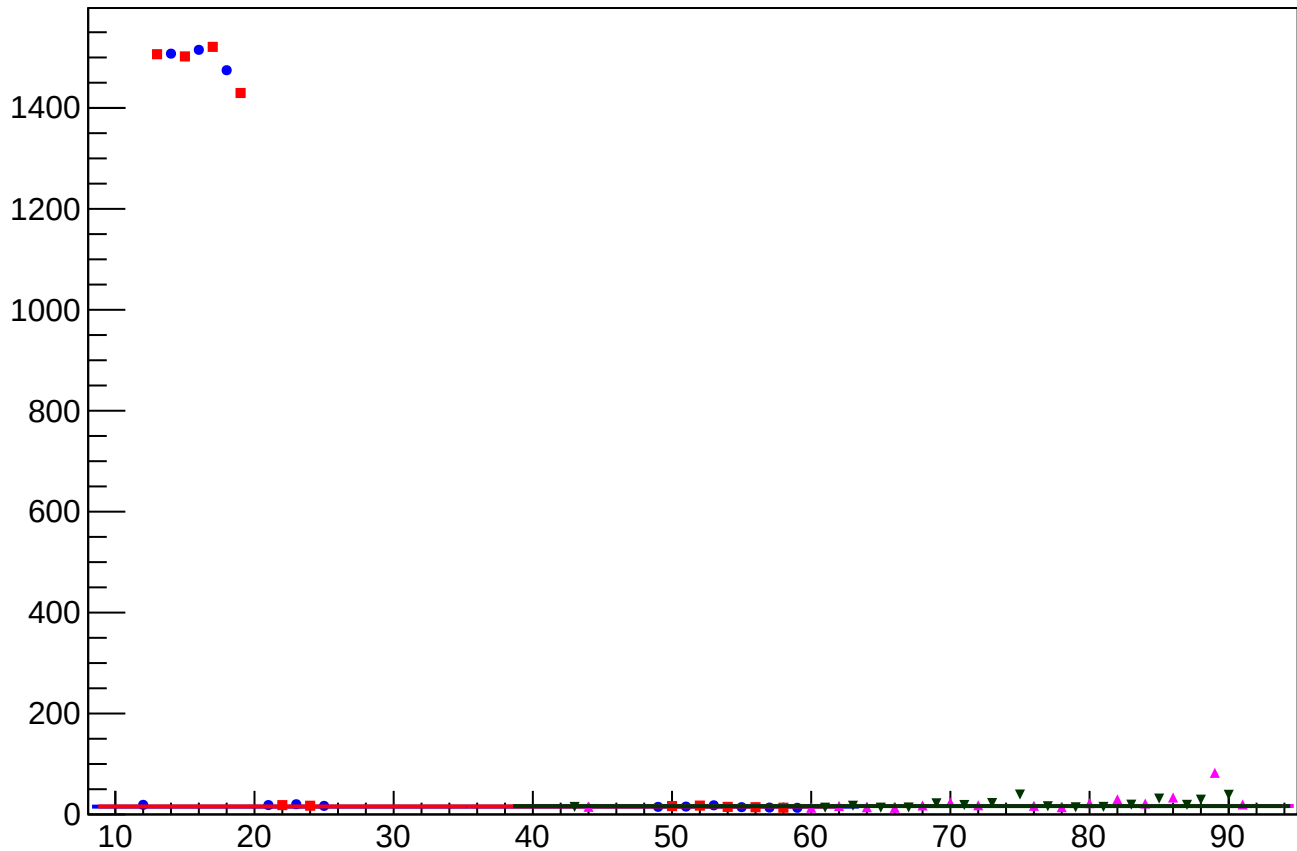
Right Out: 0.699+/-8.203 χ^2 /NDF: 3.9/10

Left In: 1.688+/-6.548 χ^2 /NDF: 17.1/15

-1.000+/-4.678 χ^2 /NDF: 19.6/29

1.303+/-5.118 χ^2 /NDF: 21.0/26

bcm_an_us_ds_dd_rms vs slug



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

Left Out: 16.562+/-0.005 χ^2/NDF :1082181.0/16

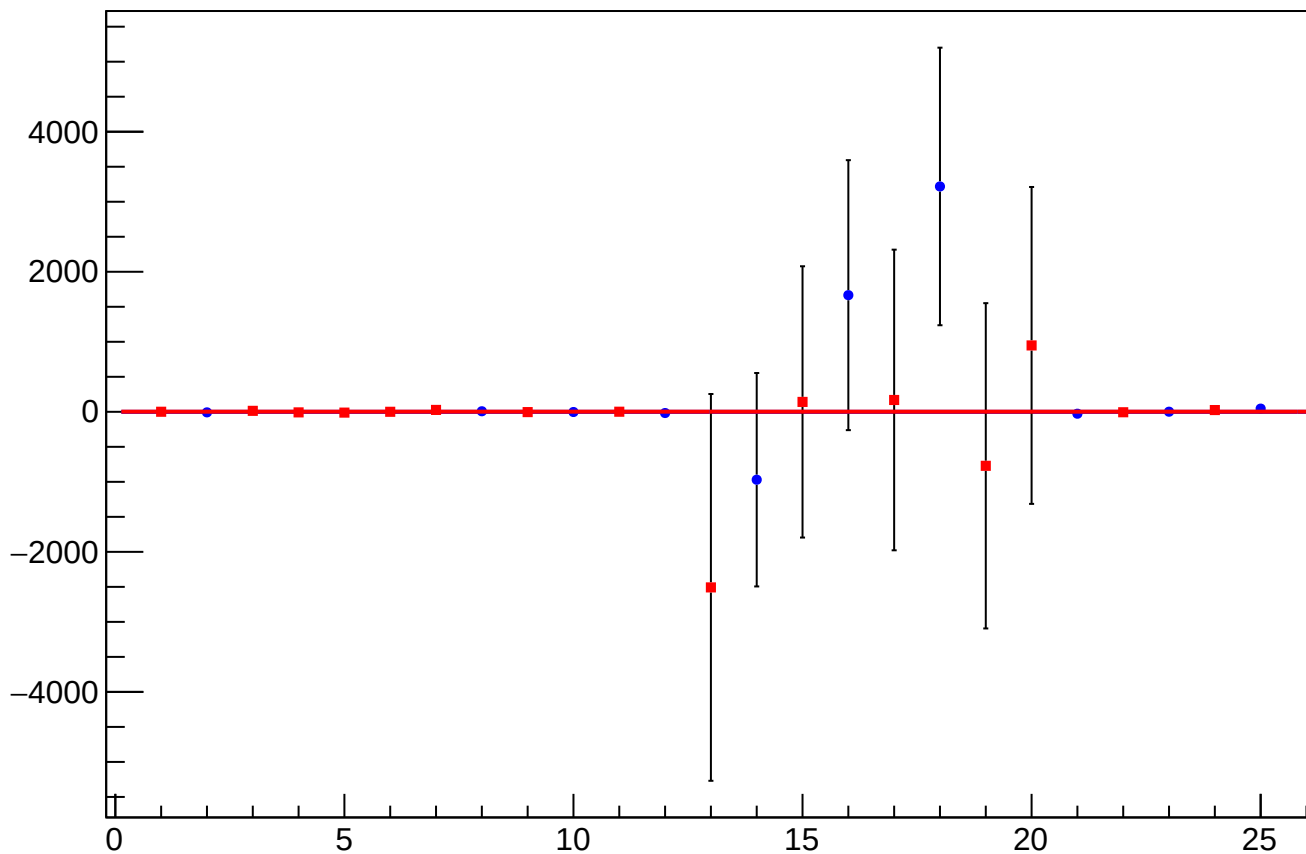
Right Out: 15.843+/-0.006 χ^2/NDF : 3509978.8/10

Left In: 16.825+/-0.005 χ^2/NDF :1263215.9/15

16.059+/-0.003 χ^2/NDF : 5444746.3/29

16.443+/-0.004 χ^2/NDF : 4790695.3/26

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

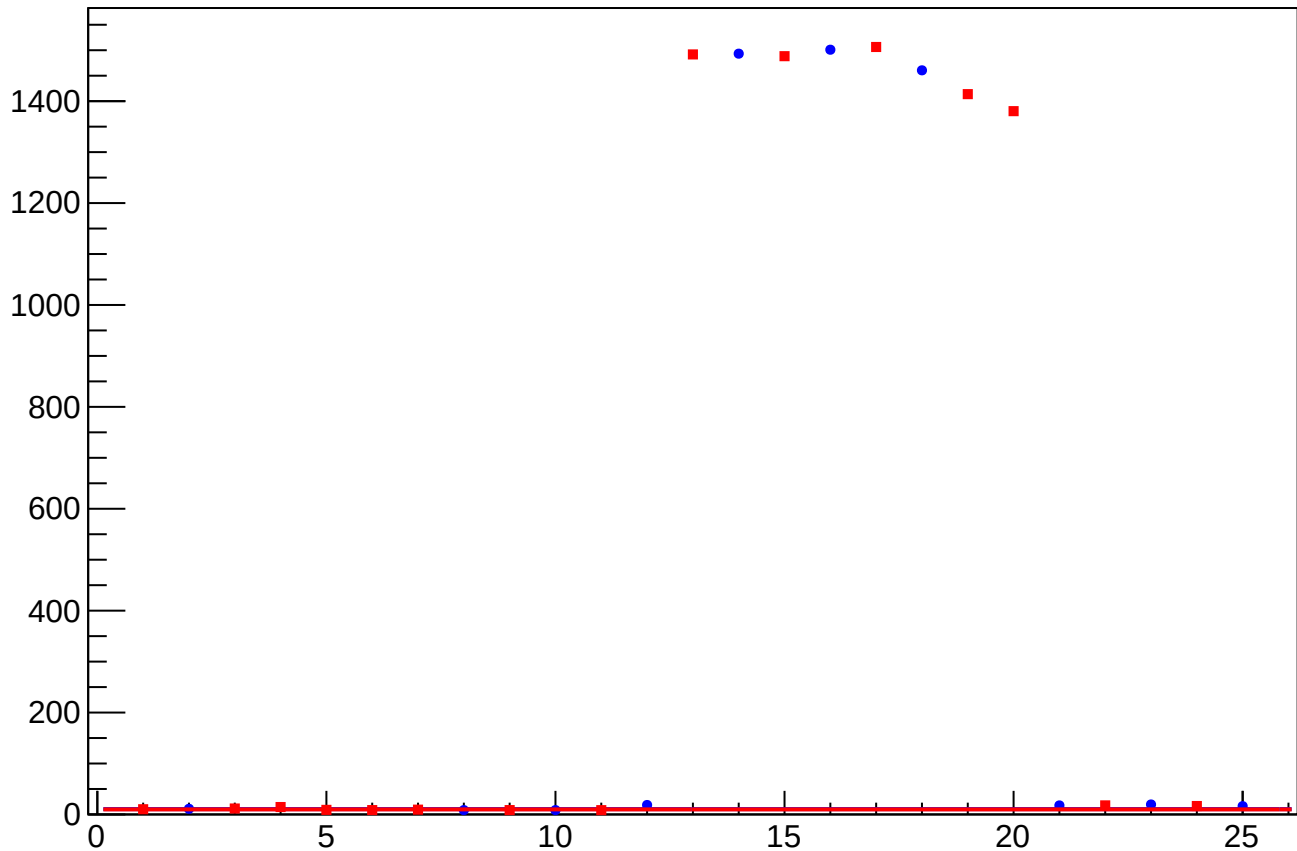
Right Out: 2.112+/-4.660 χ^2 /NDF: 5.3/14

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

-0.708+/-5.405 χ^2 /NDF: 8.6/9

2.112+/-4.660 χ^2 /NDF: 5.3/14

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

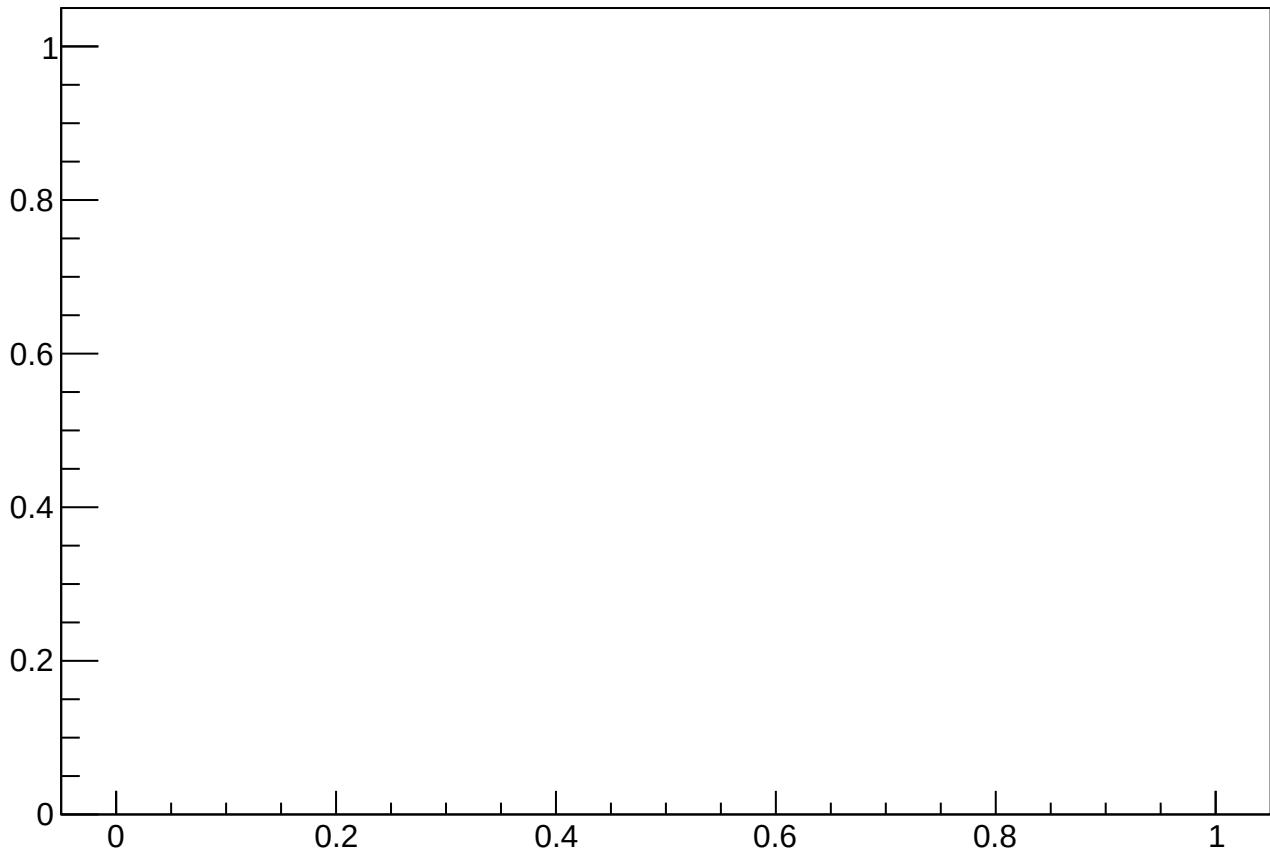
Right Out: 9.922+/-0.003 χ^2/NDF : 4786628.8/14

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

10.460+/-0.004 χ^2/NDF : 4924662.9/9

9.922+/-0.003 χ^2/NDF : 4786628.8/14

bcm_an_ds_ds3_dd_mean vs slug



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

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

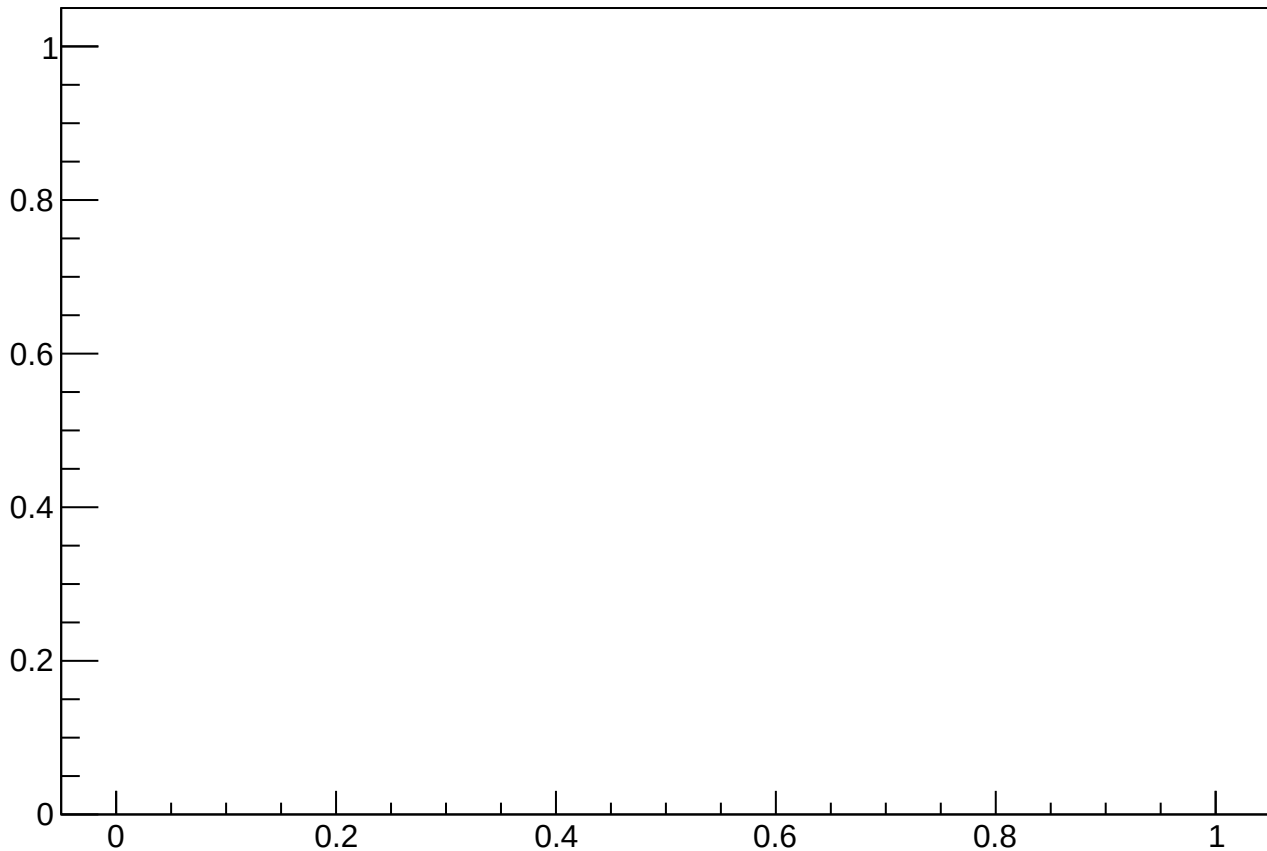
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_dd_rms vs slug



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

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

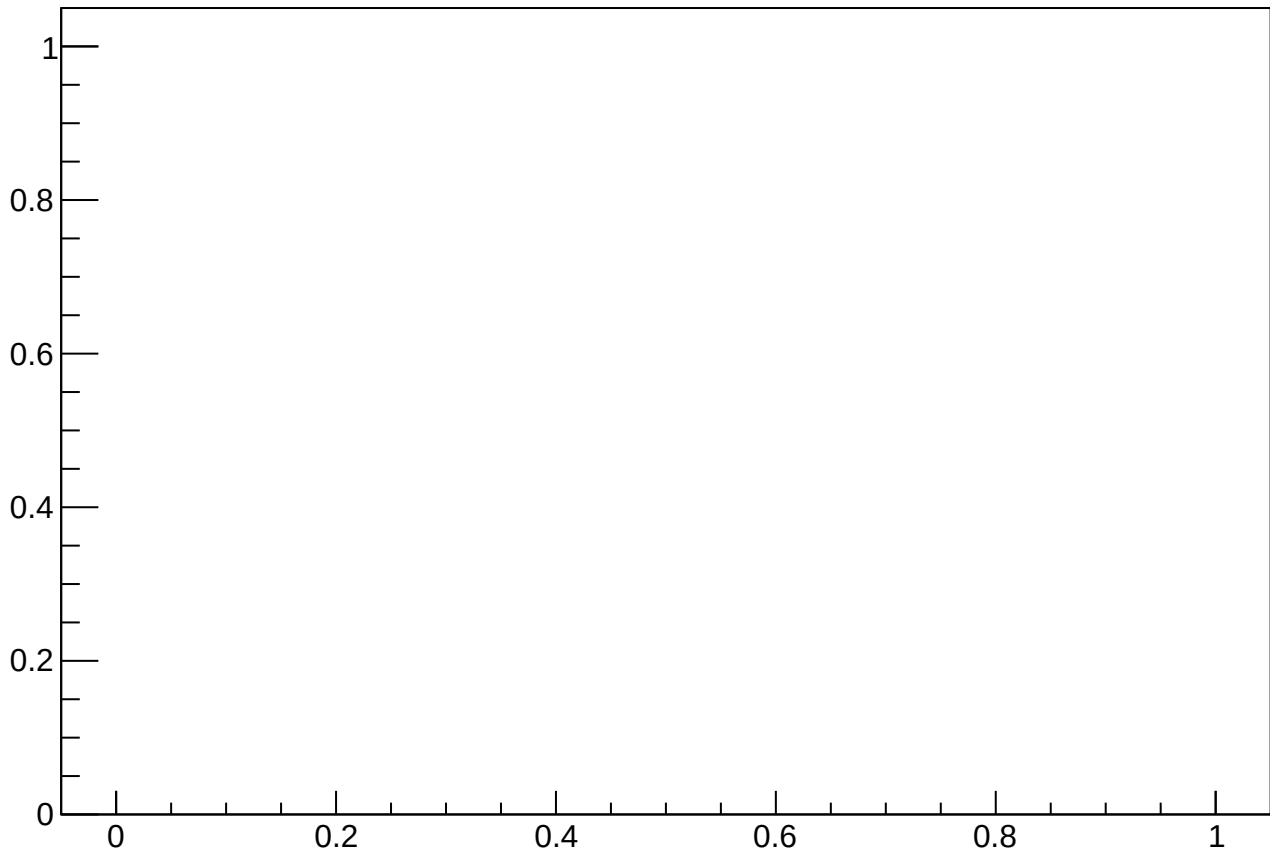
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_mean vs slug



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

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

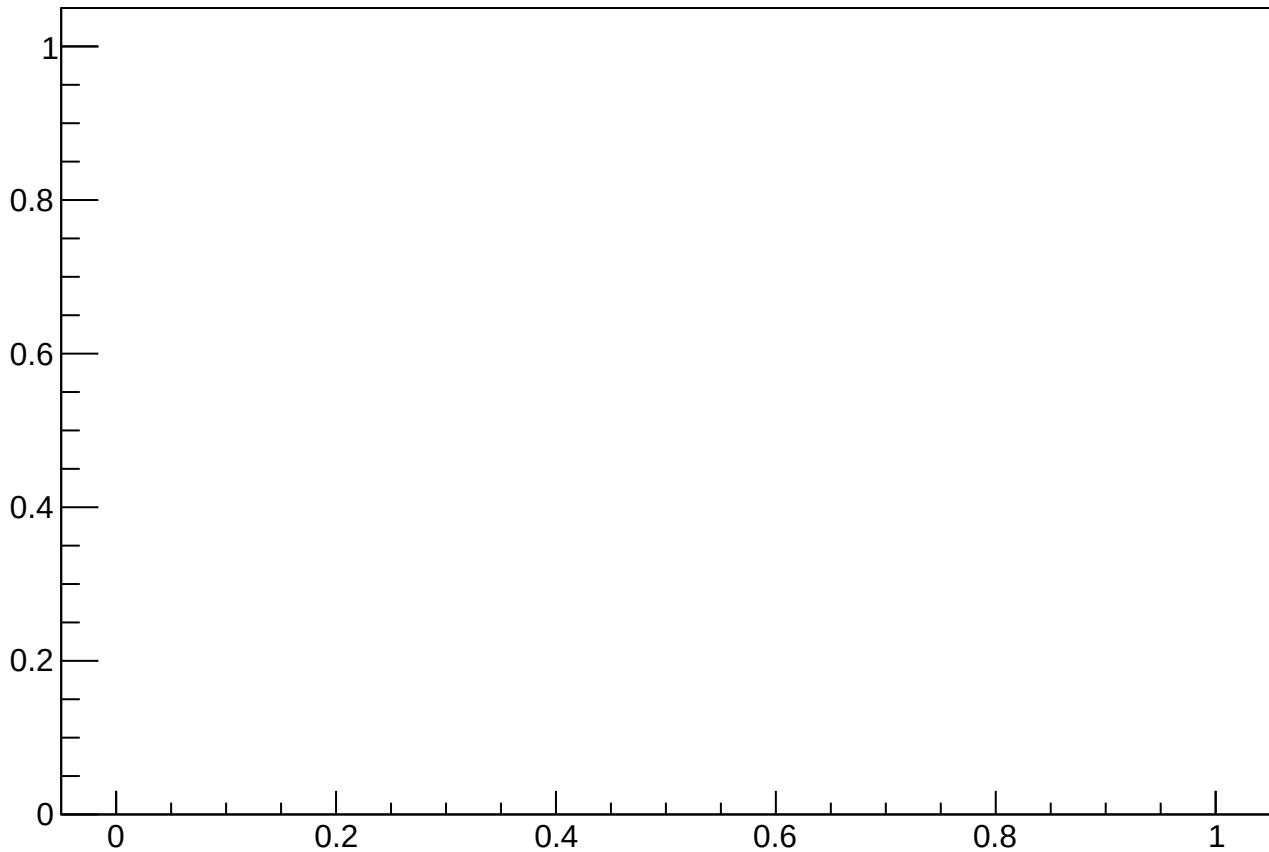
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



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

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

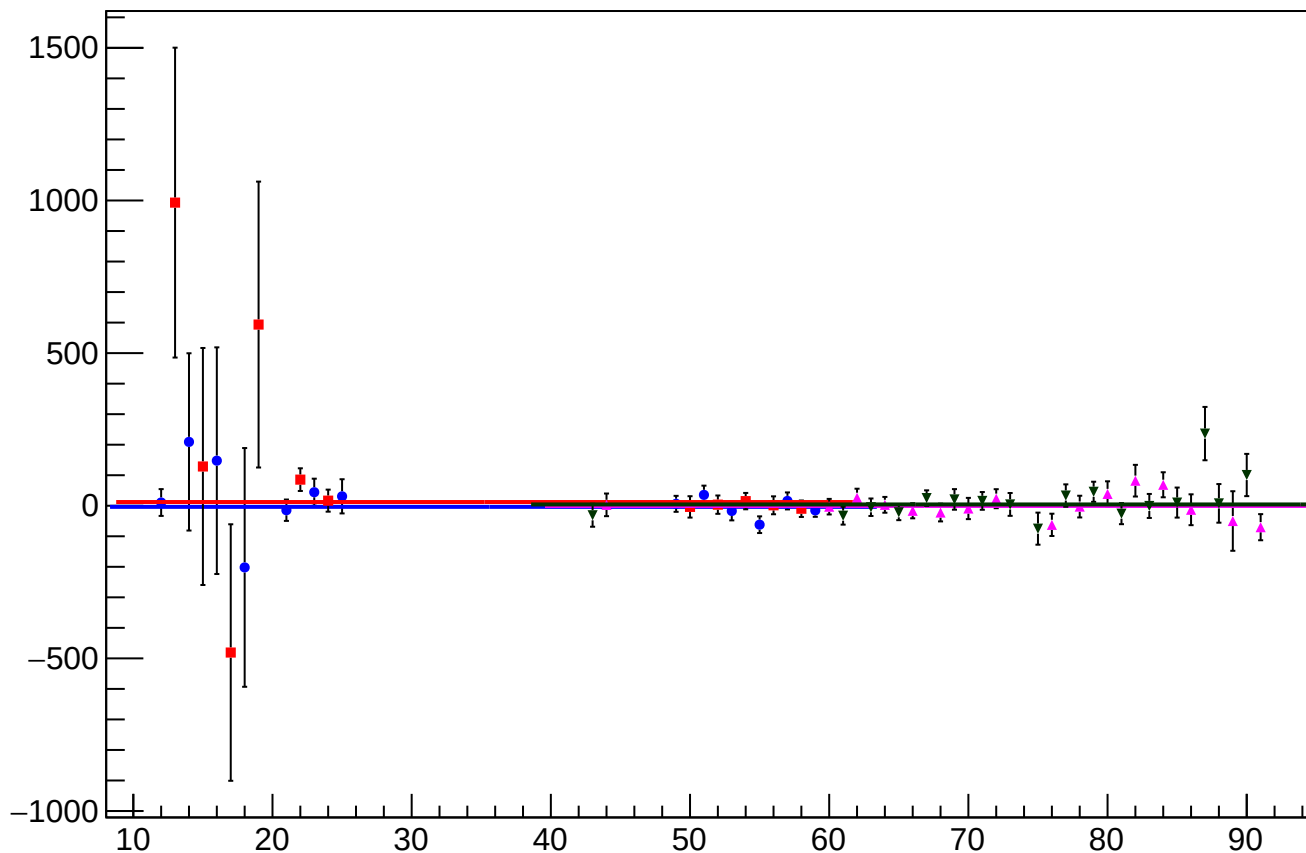
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs slug



Right In: -3.602 ± 9.680 $\chi^2/\text{NDF}: 10.1/12$

Left Out: 4.268 ± 8.624 $\chi^2/\text{NDF}: 18.9/16$

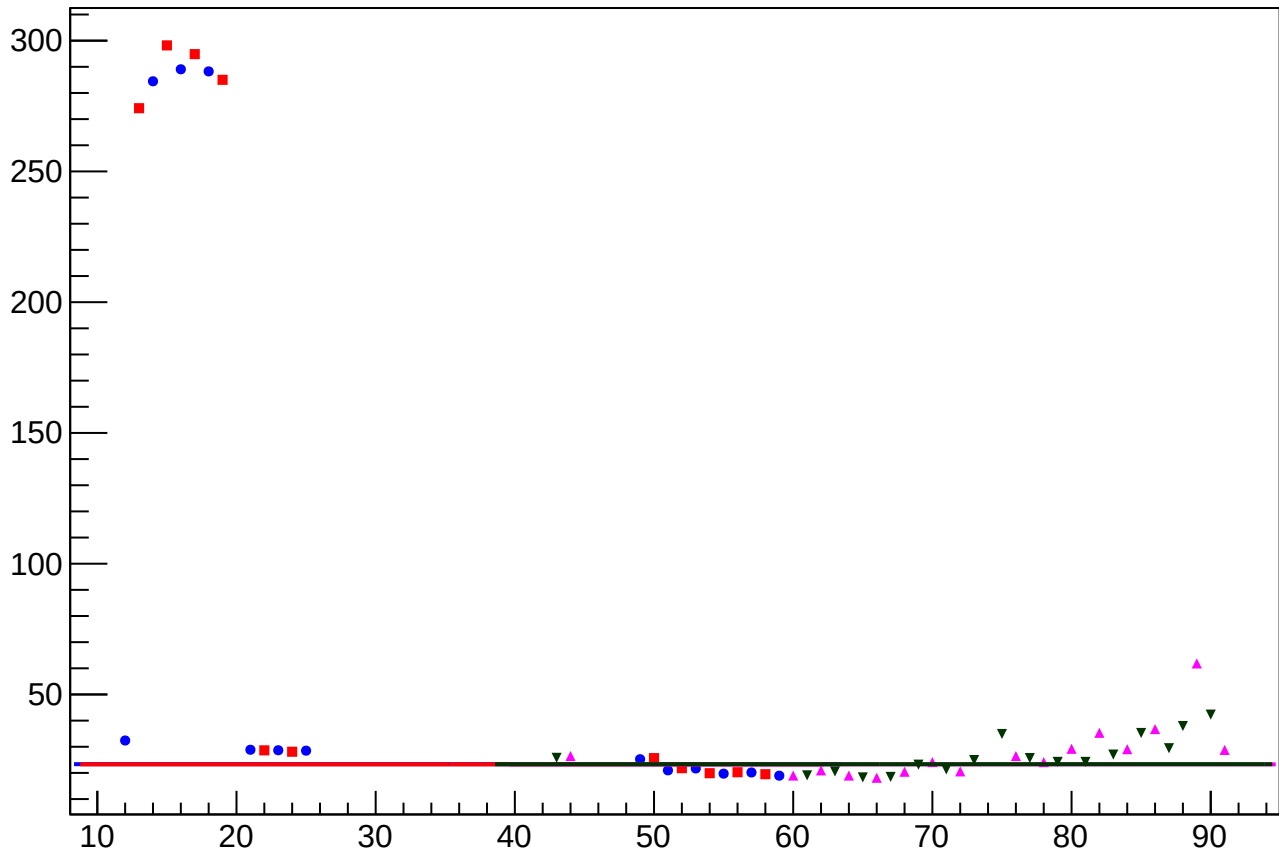
Right Out: 12.198 ± 11.650 $\chi^2/\text{NDF}: 11.8/10$

Left In: -0.656 ± 8.544 $\chi^2/\text{NDF}: 14.6/15$

0.786 ± 6.439 $\chi^2/\text{NDF}: 29.4/29$

3.839 ± 6.890 $\chi^2/\text{NDF}: 27.2/26$

bcm_dg_us_ds_dd _rms vs slug



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

Left Out: 23.337+/-0.006 χ^2/NDF : 741899.7/16

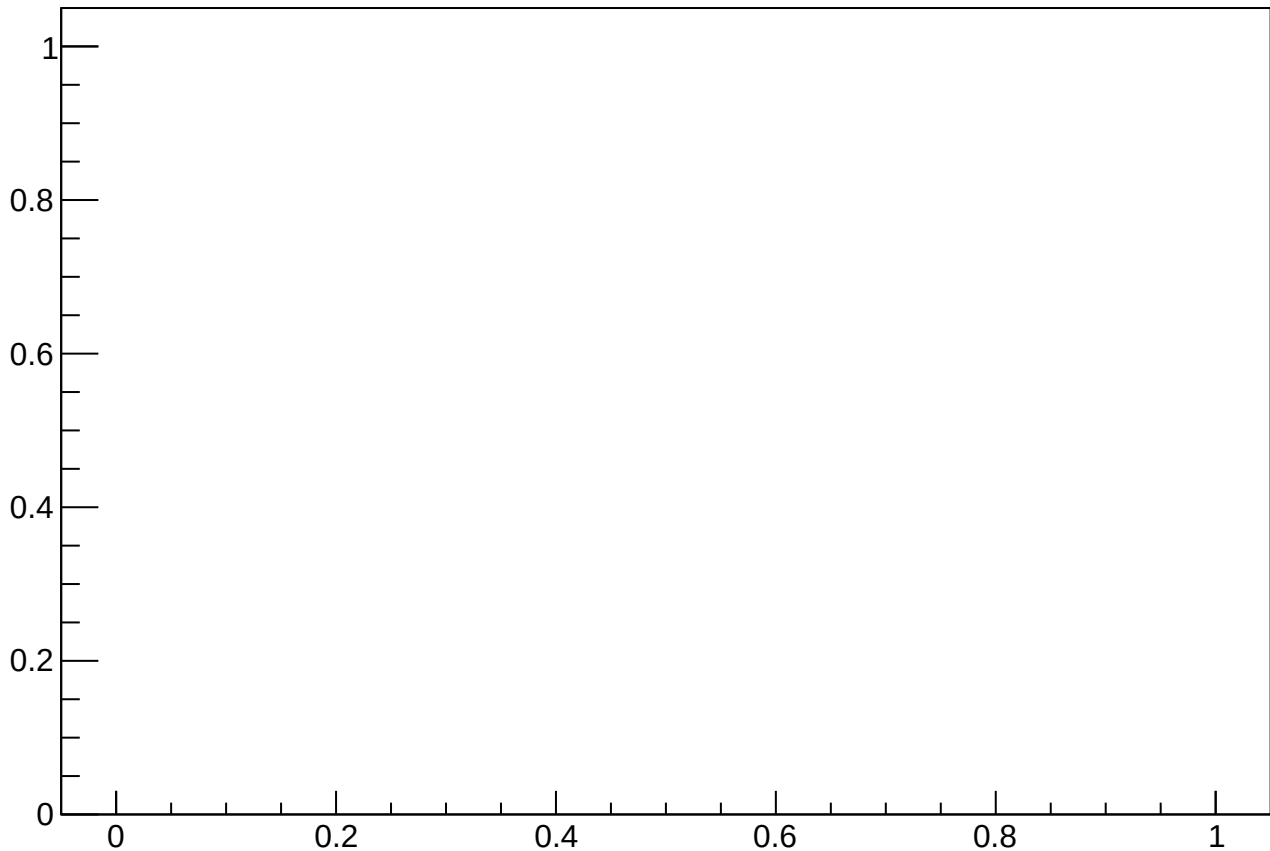
Right Out: 23.282+/-0.008 χ^2/NDF : 3135491.8/10

Left In: 23.265+/-0.006 χ^2/NDF : 953795.6/15

23.339+/-0.005 χ^2/NDF : 4658743.4/29

23.271+/-0.005 χ^2/NDF : 4089290.1/26

bcm_dg_us_ds3_dd_mean vs slug



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

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

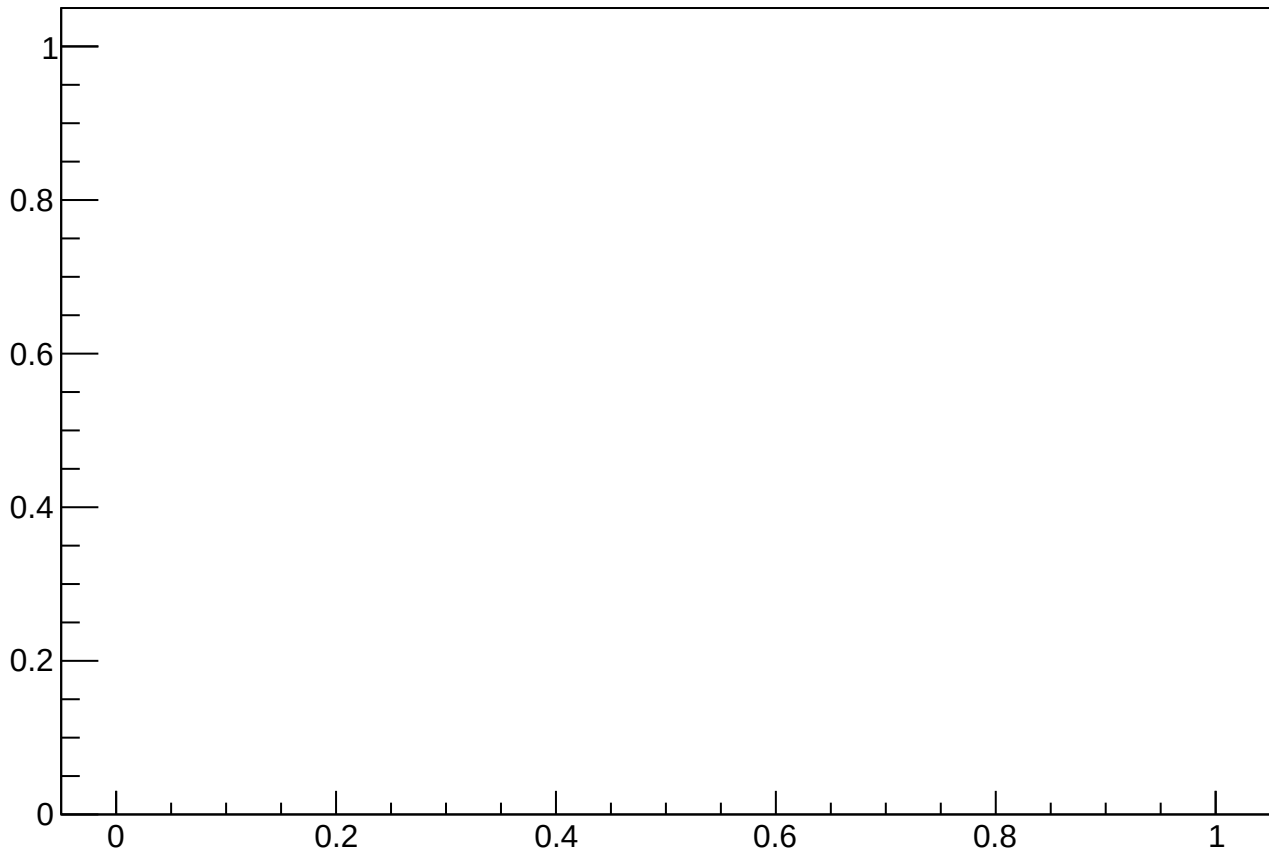
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

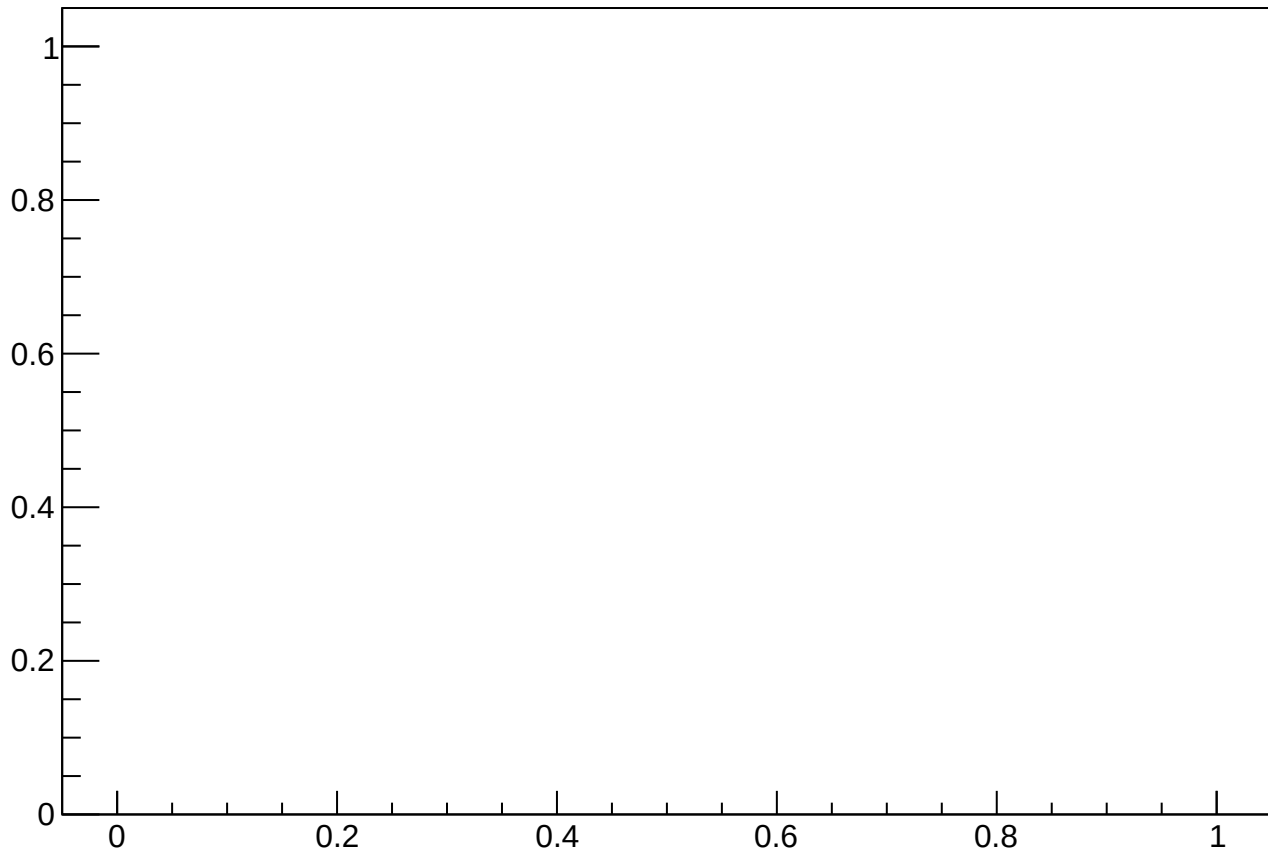
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

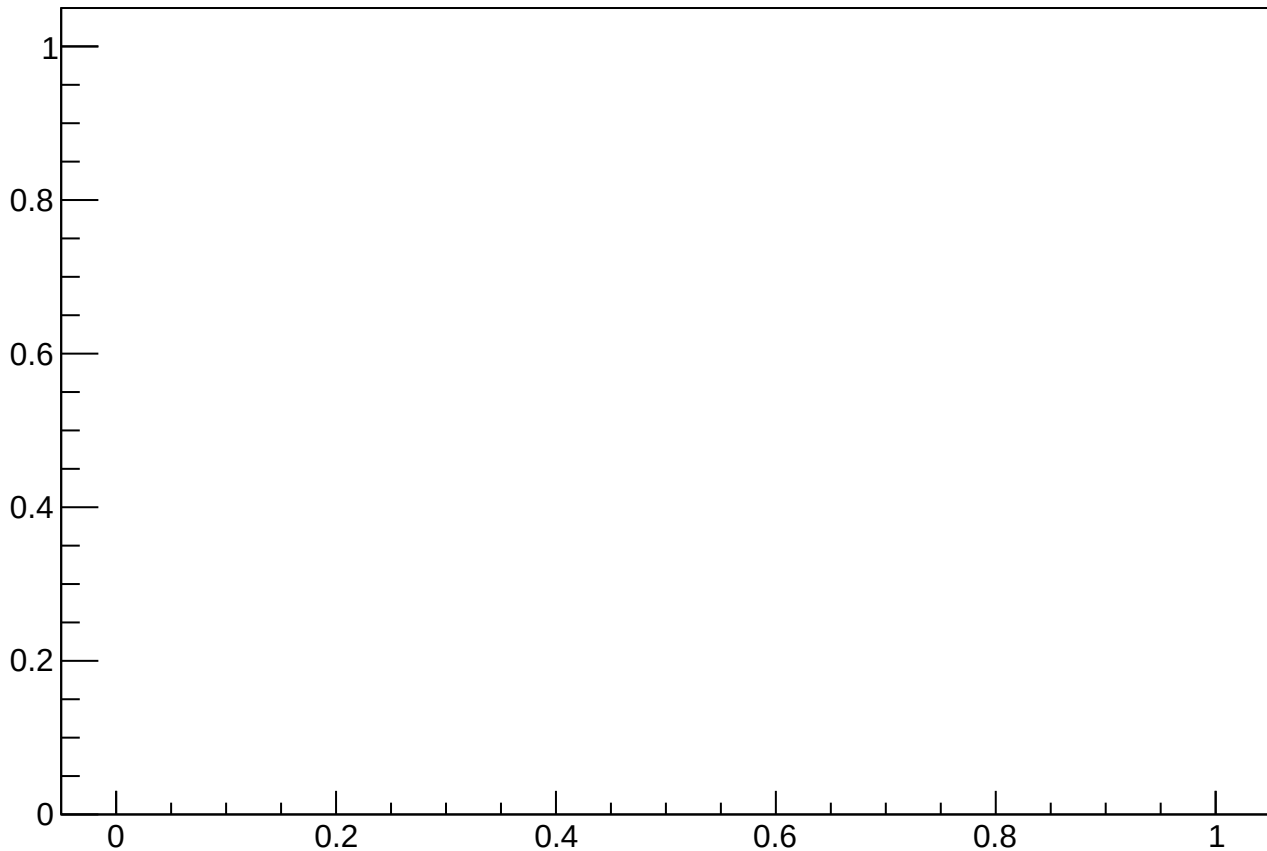
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds_avg_rms vs slug



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

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

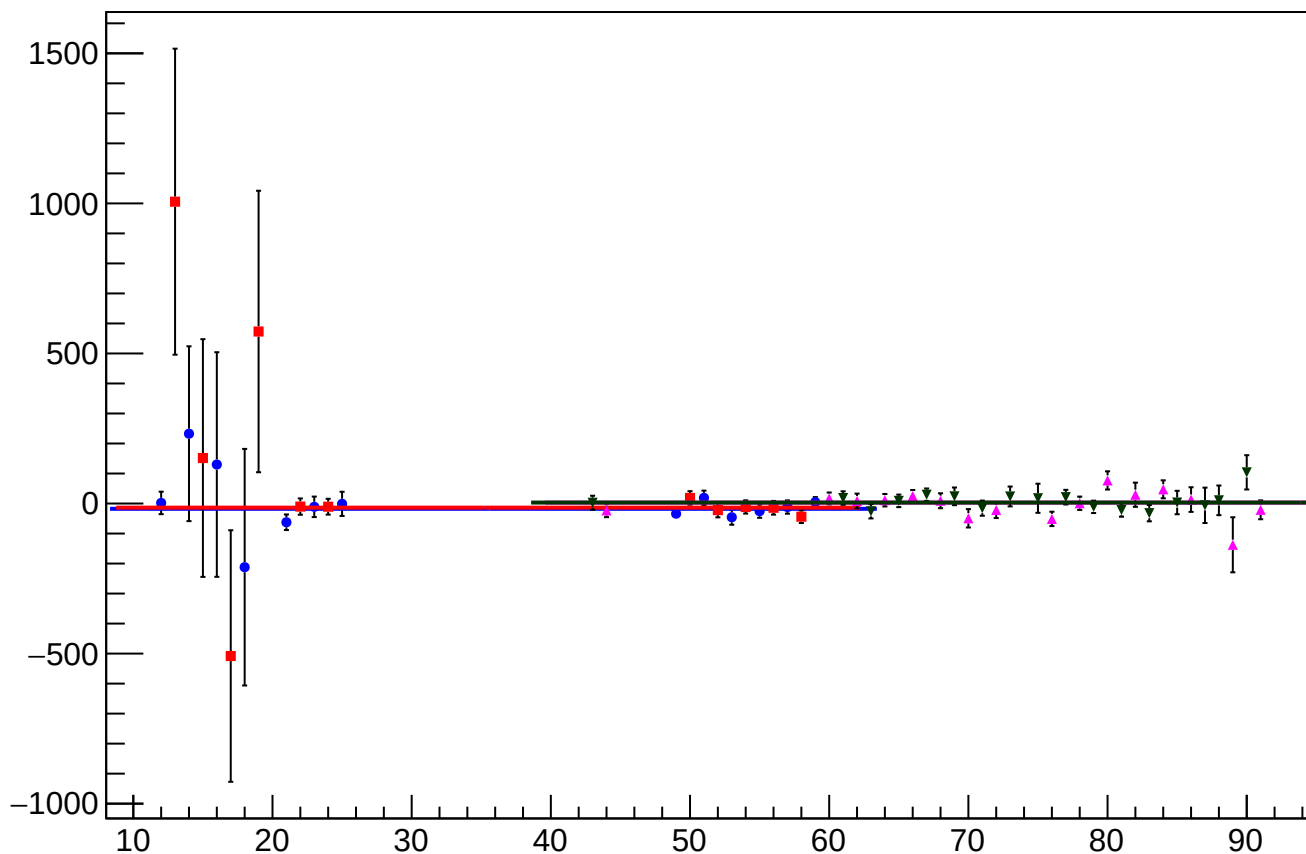
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



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

Left Out: 3.209 ± 6.556 χ^2/NDF : 12.2/16

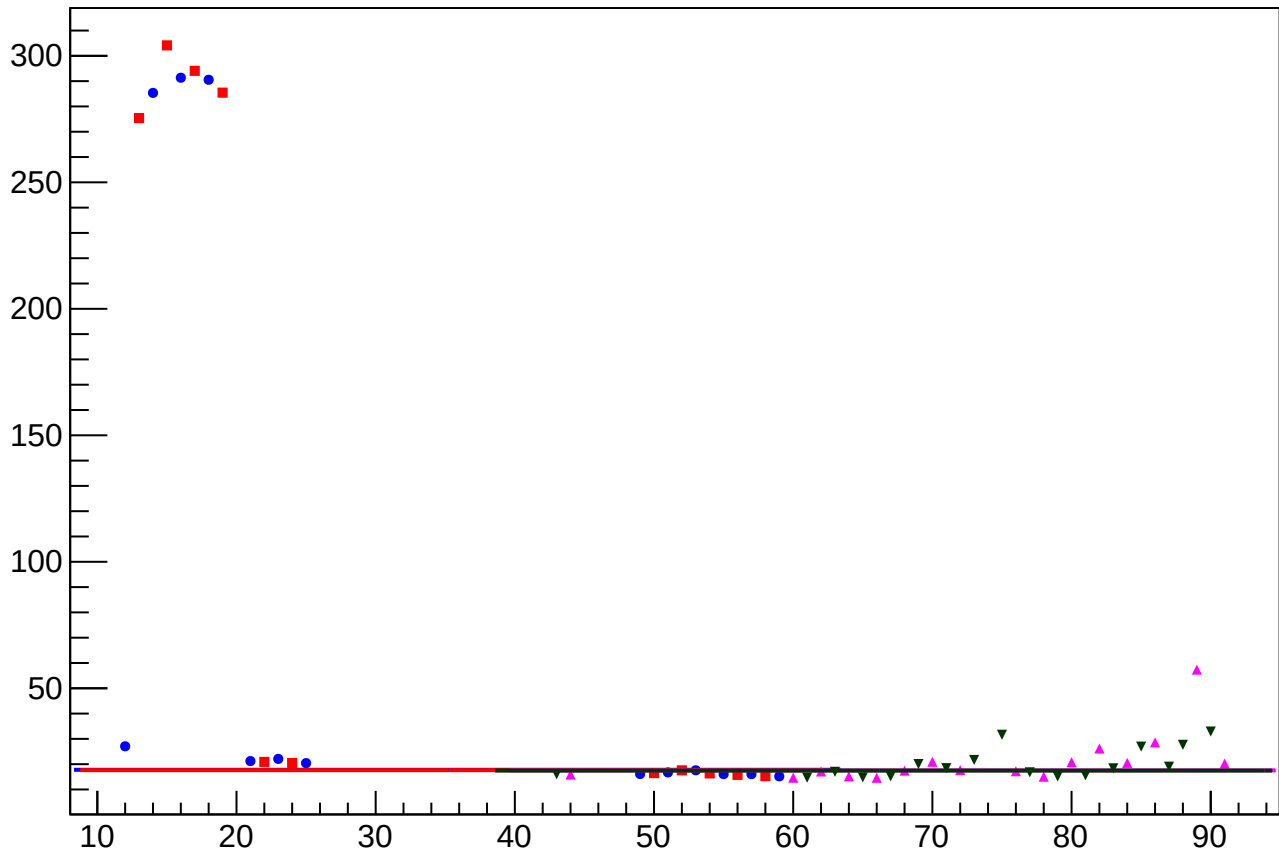
Right Out: -13.700 ± 8.866 χ^2/NDF : 11.4/10

Left In: 3.039 ± 6.531 χ^2/NDF : 23.8/15

-5.898 ± 4.916 χ^2/NDF : 27.6/29

-2.848 ± 5.258 χ^2/NDF : 37.5/26

bcm_dg_ds_ds_dd _rms vs slug



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

Left Out: 17.471+/-0.005 χ^2/NDF : 712116.8/16

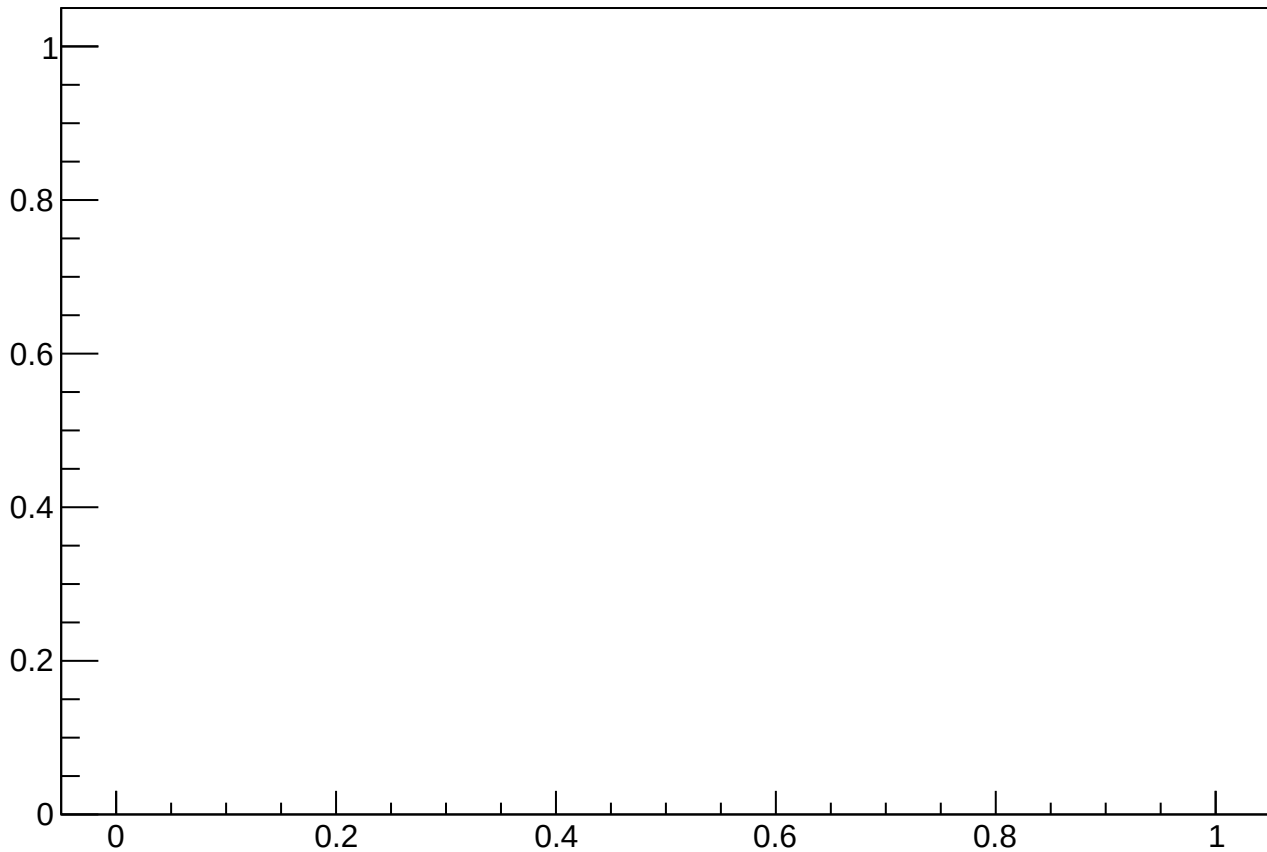
Right Out: 17.645+/-0.006 χ^2/NDF : 3183254.5/10

Left In: 17.560+/-0.005 χ^2/NDF : 844401.8/15

17.605+/-0.003 χ^2/NDF : 4721086.4/29

17.590+/-0.004 χ^2/NDF : 4027775.8/26

bcm_dg_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

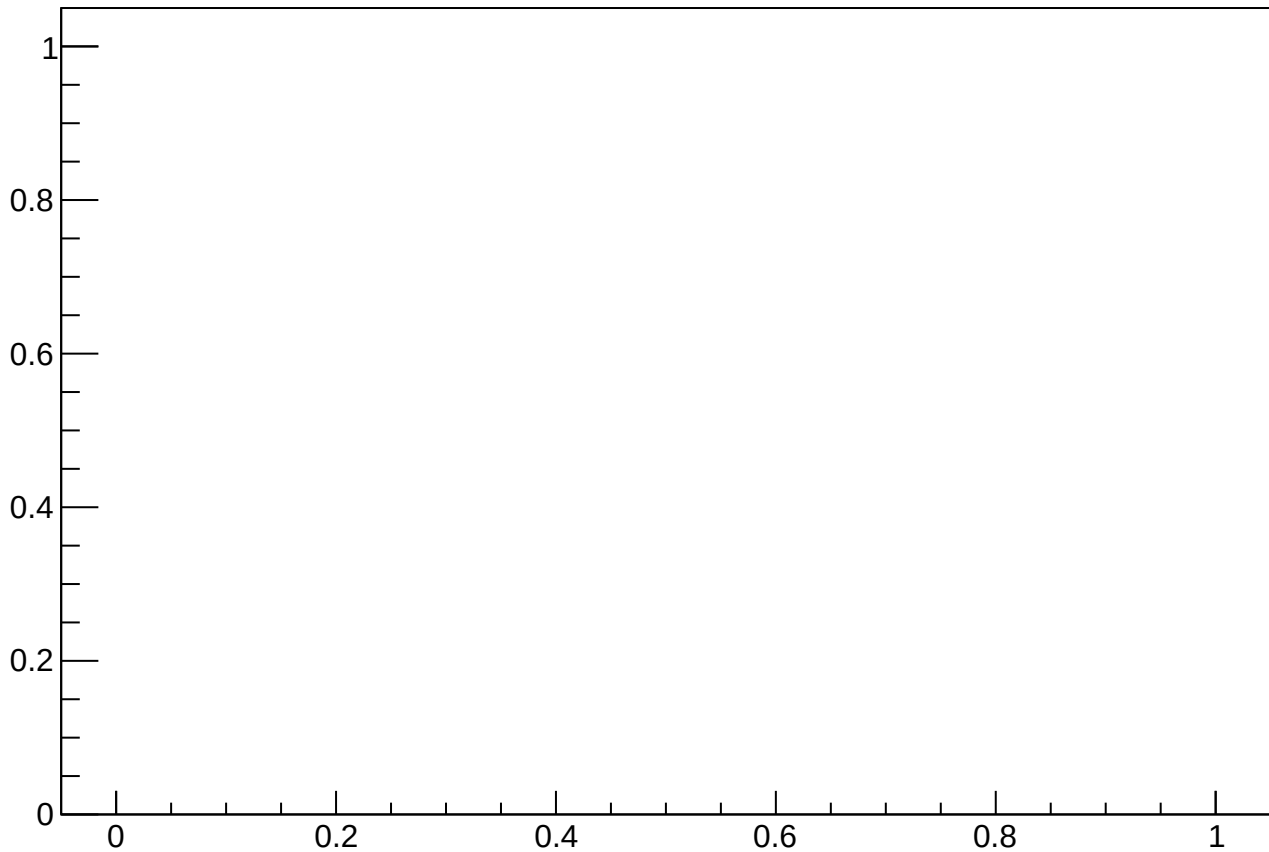
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

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

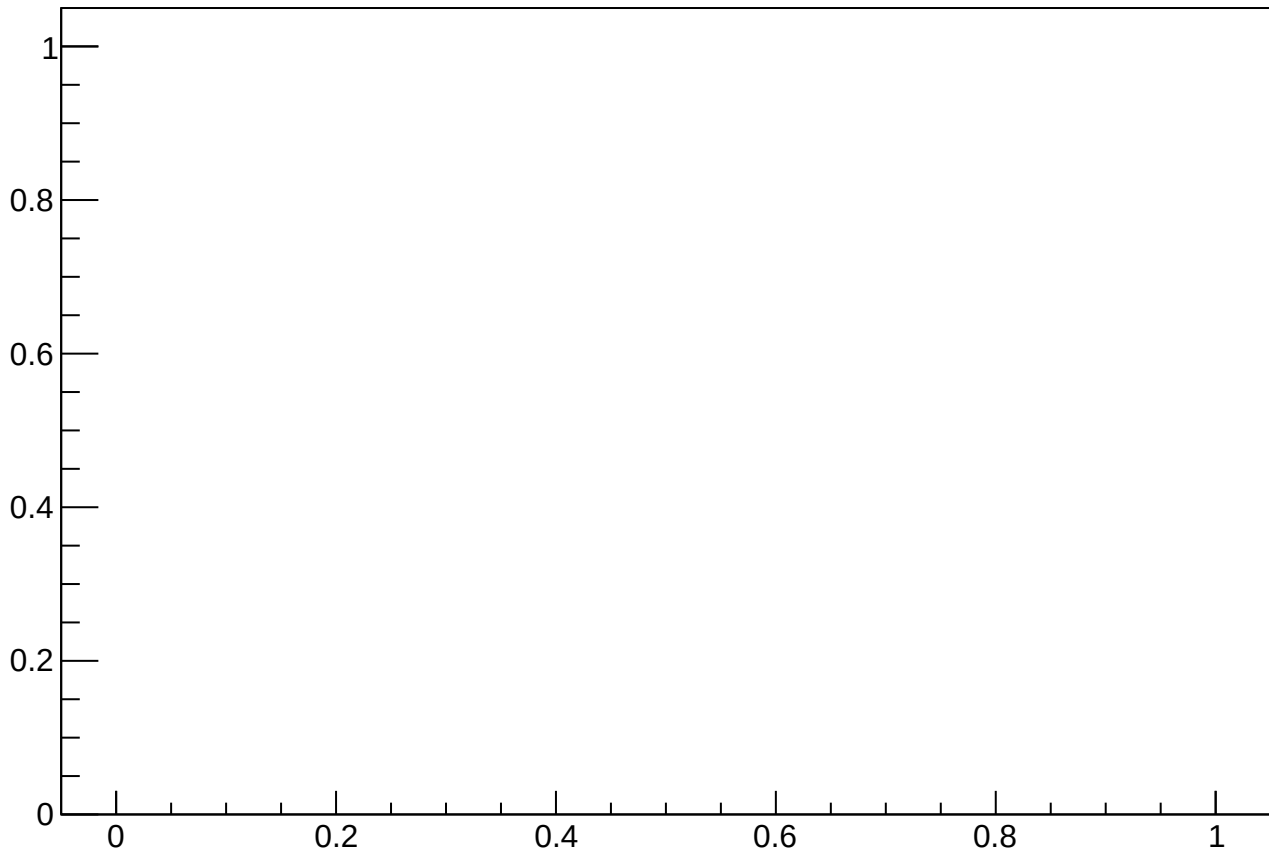
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

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

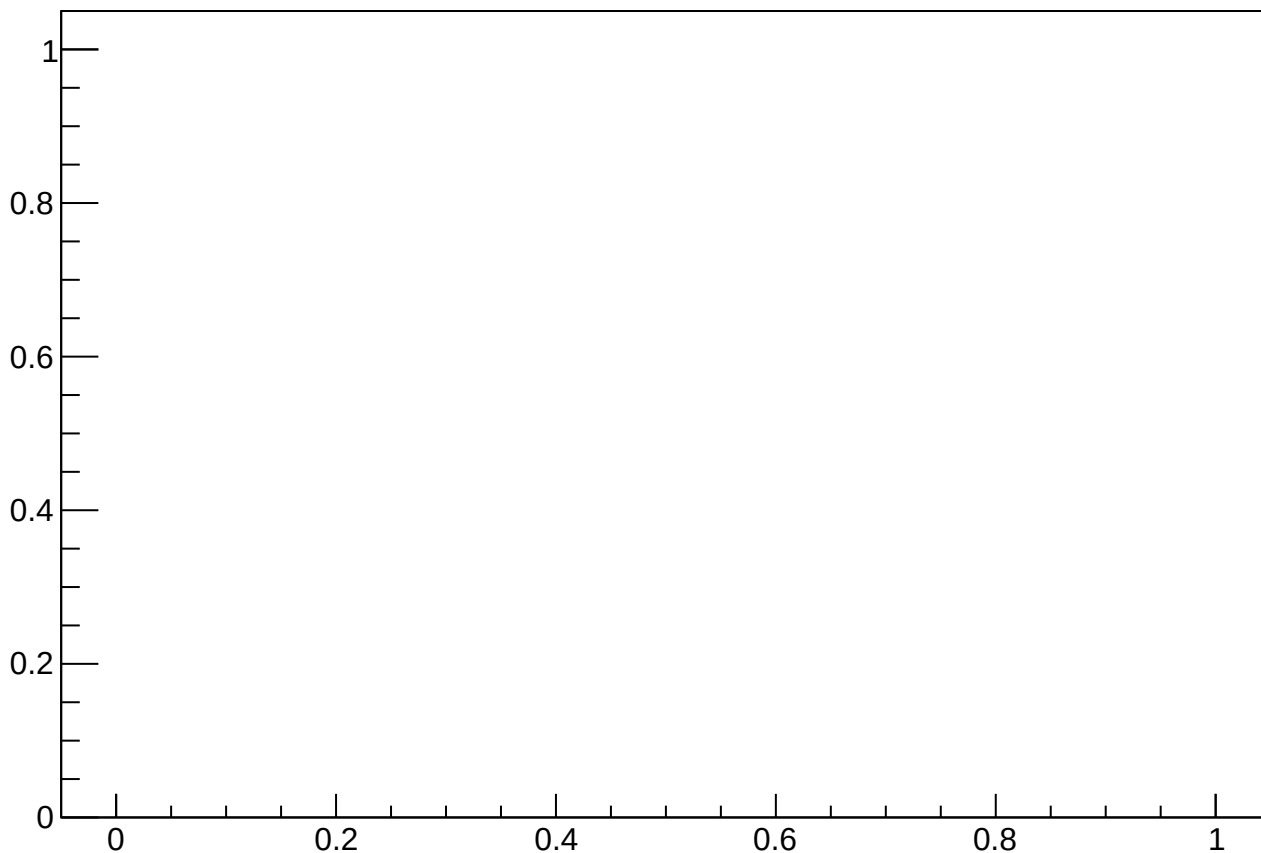
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

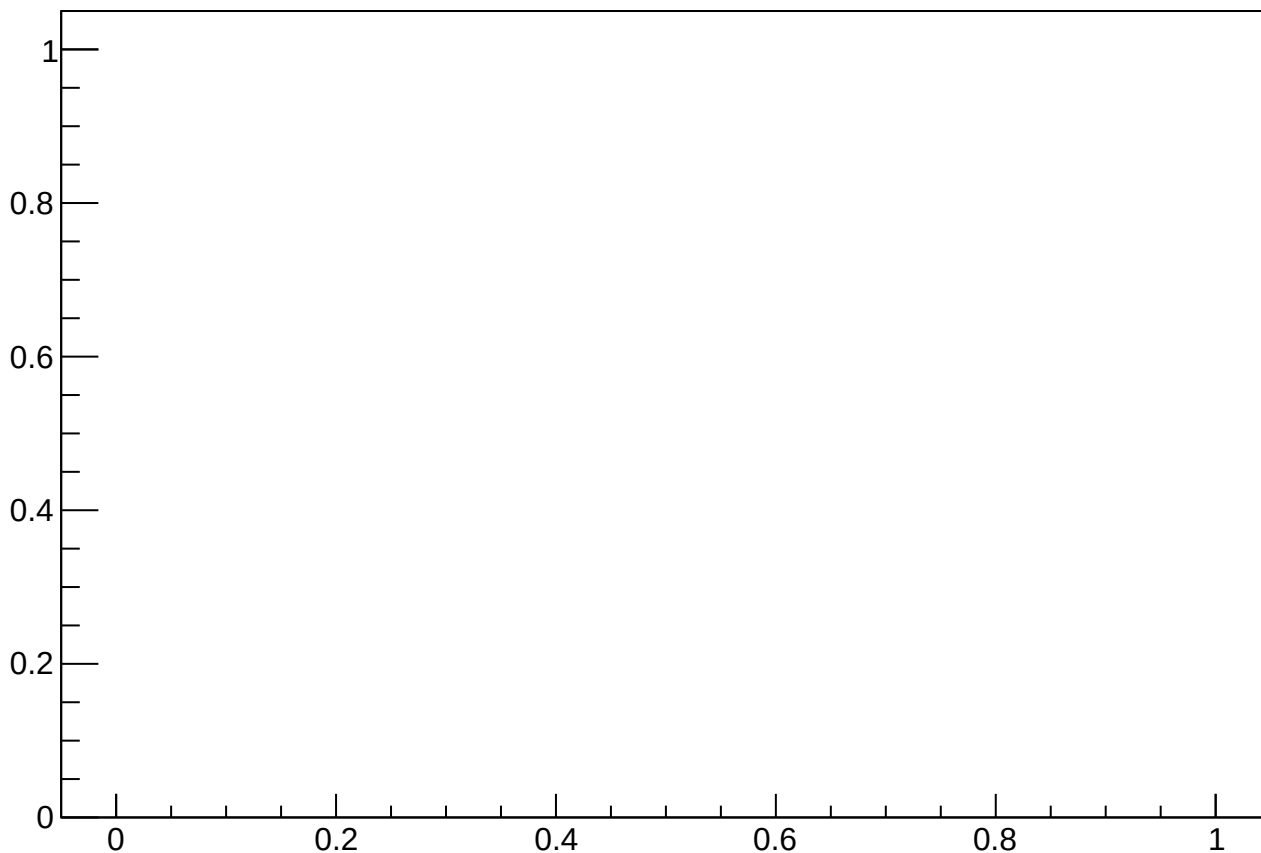
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

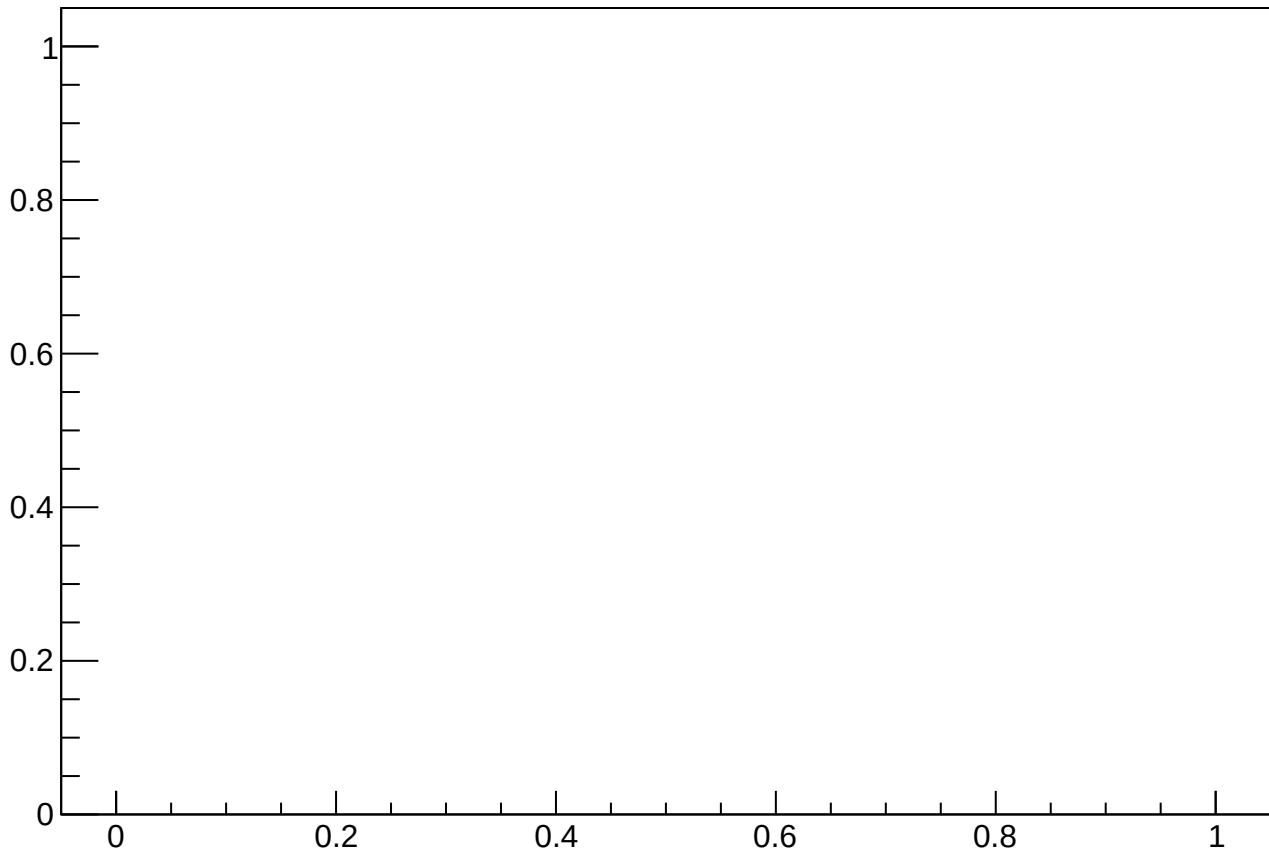
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

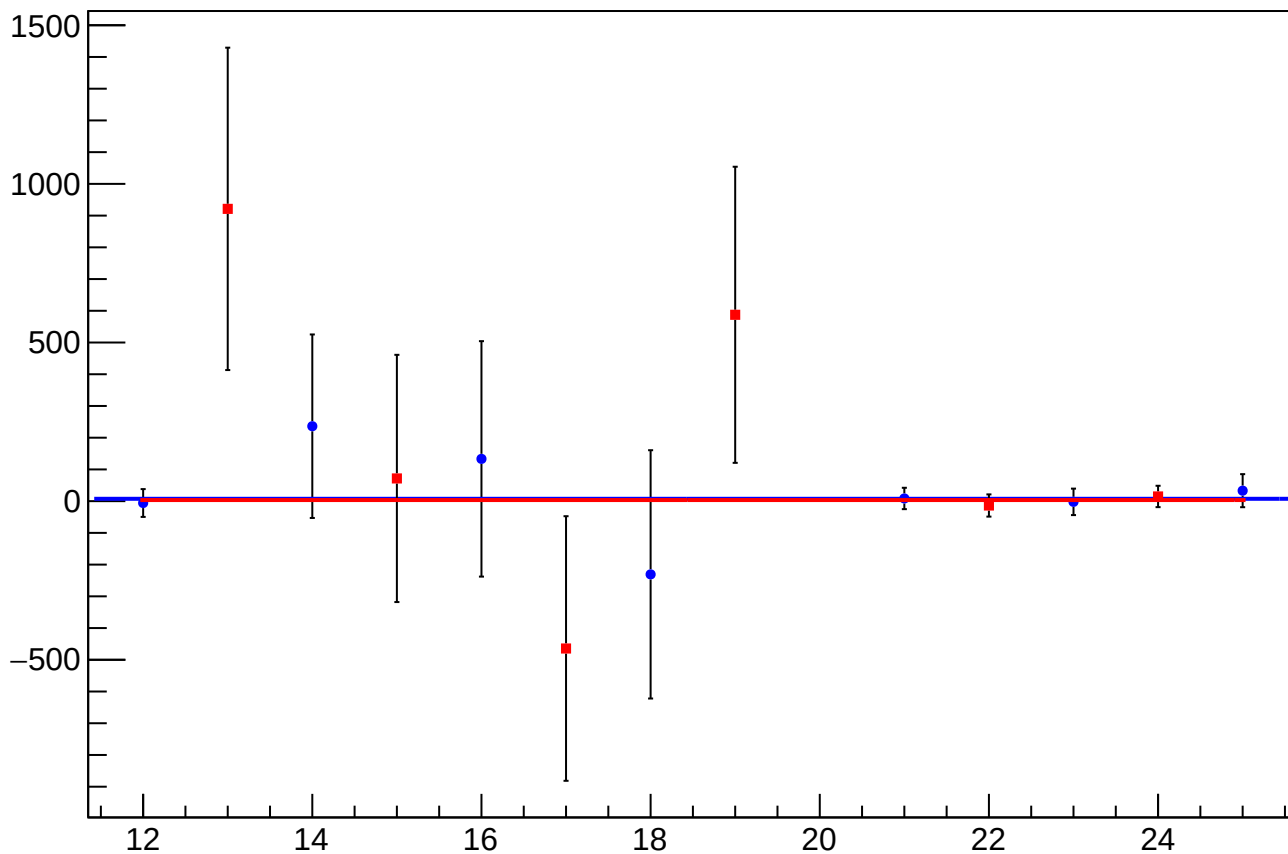
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



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

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

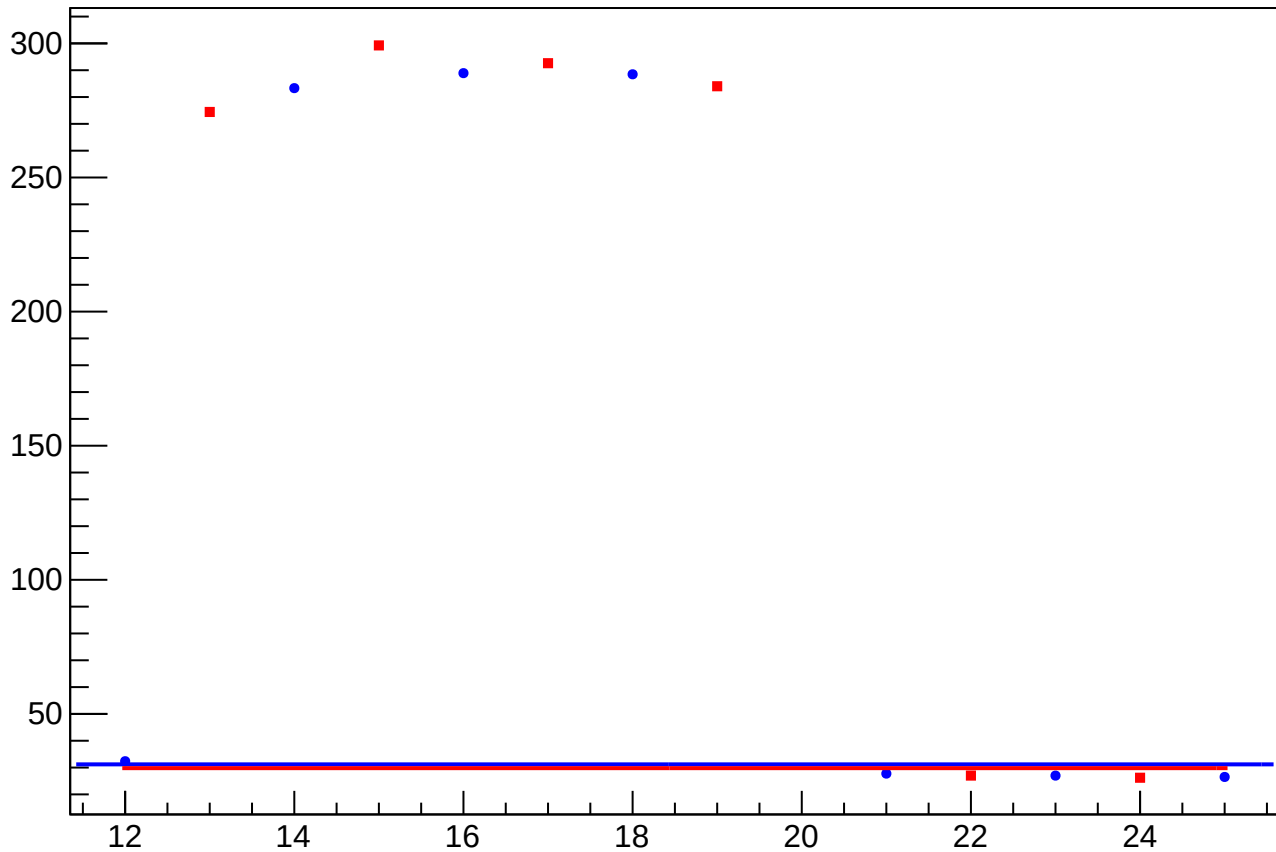
Right Out: 3.455+/-24.131 χ^2 /NDF: 6.5/5

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

7.425+/-20.533 χ^2 /NDF: 1.5/6

3.455+/-24.131 χ^2 /NDF: 6.5/5

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

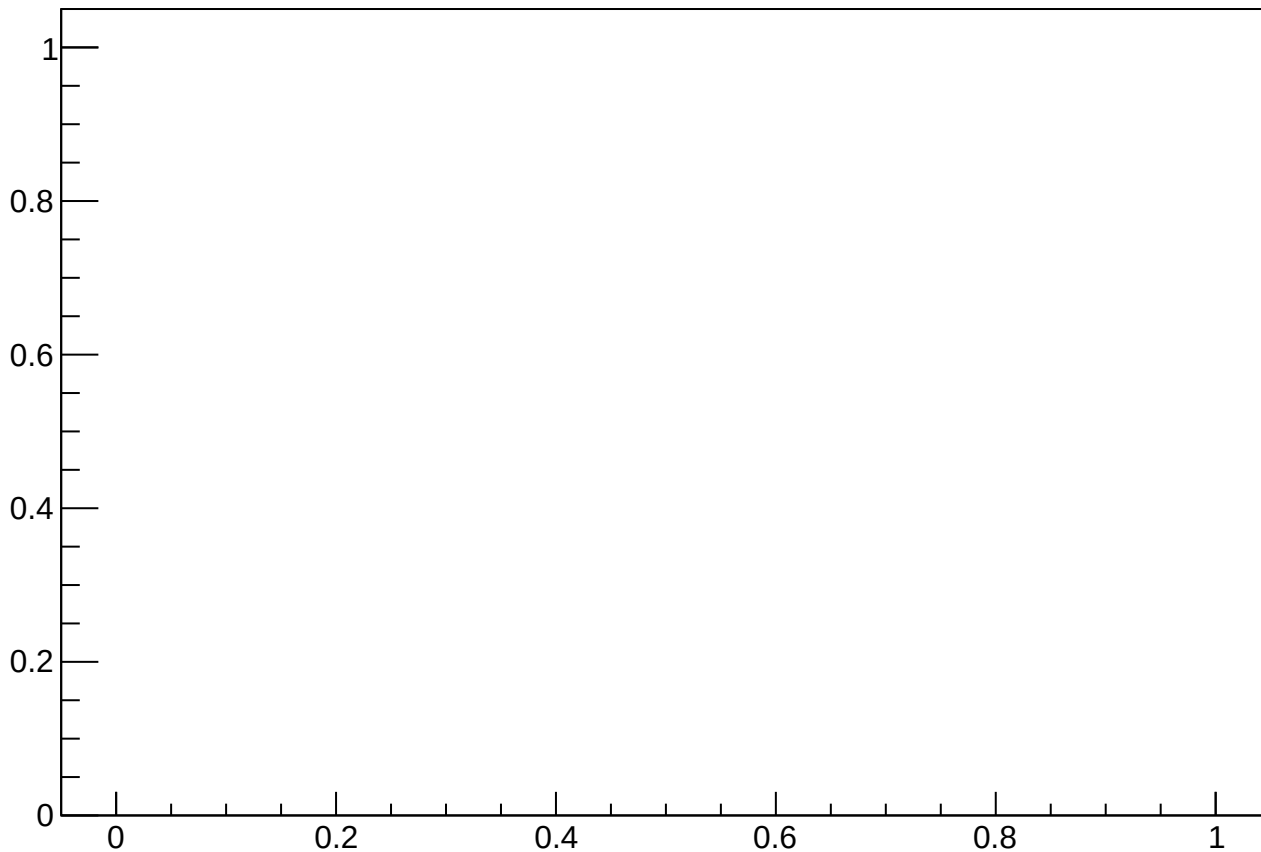
31.193+/-0.015 χ^2/NDF : 3408382.3/6

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

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

29.778+/-0.017 χ^2/NDF : 2843835.9/5

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

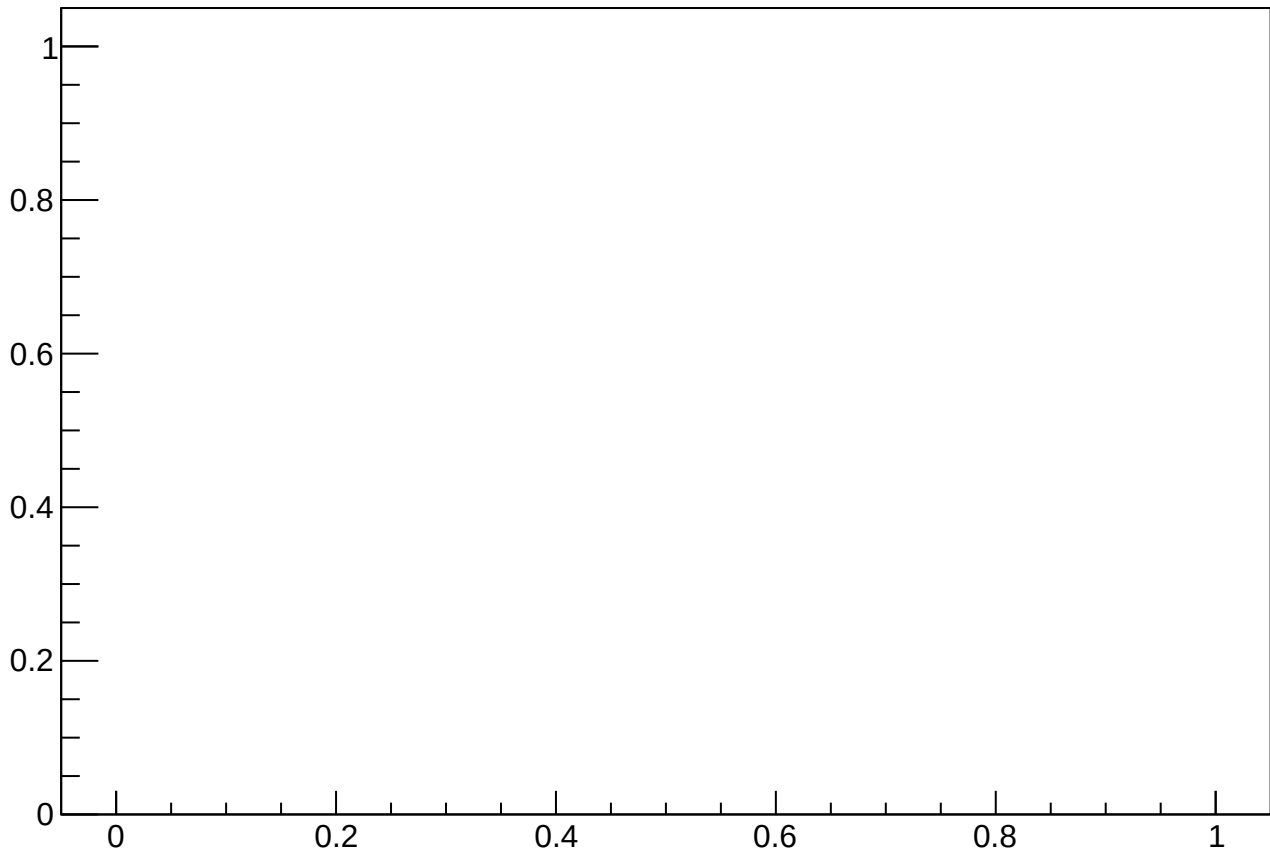
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

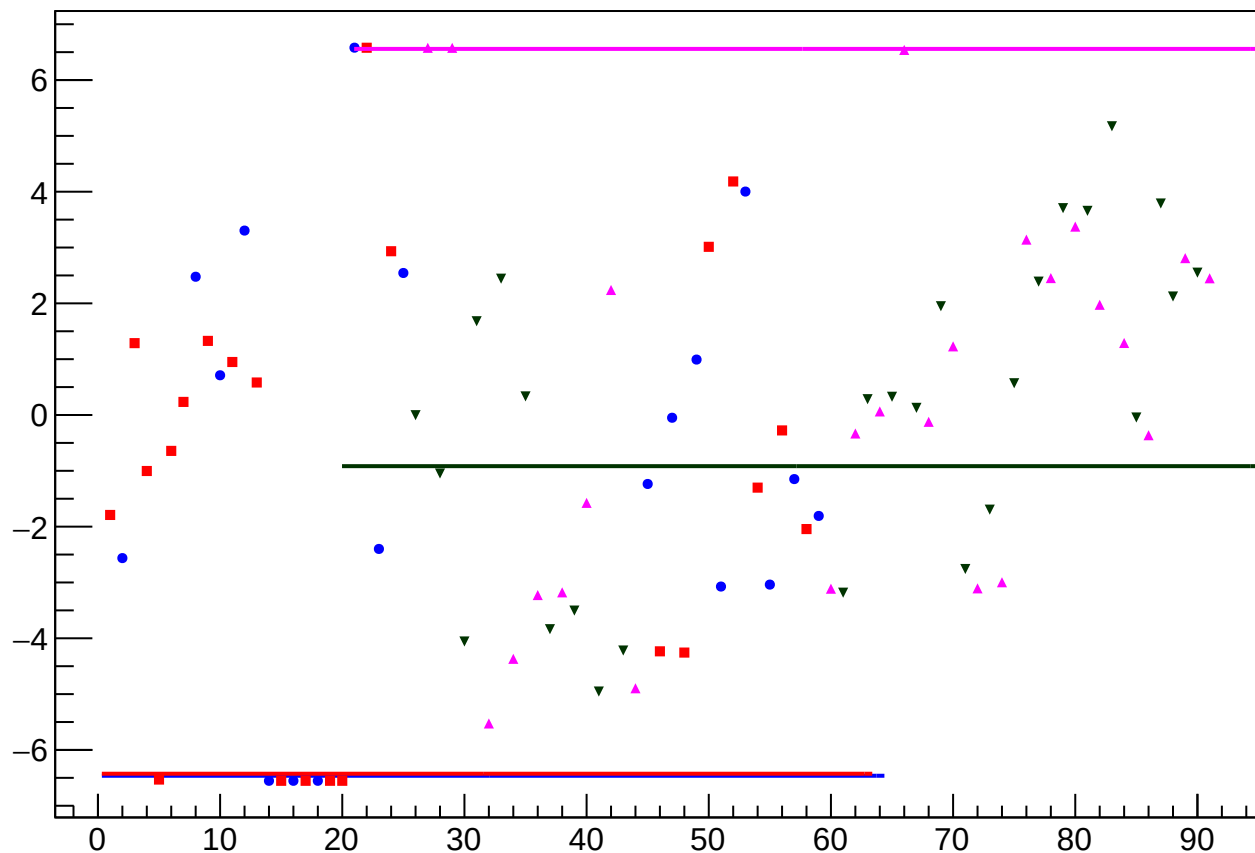
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



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

Left Out: -0.917+/-0.000 χ^2/NDF : 71683977.3/25

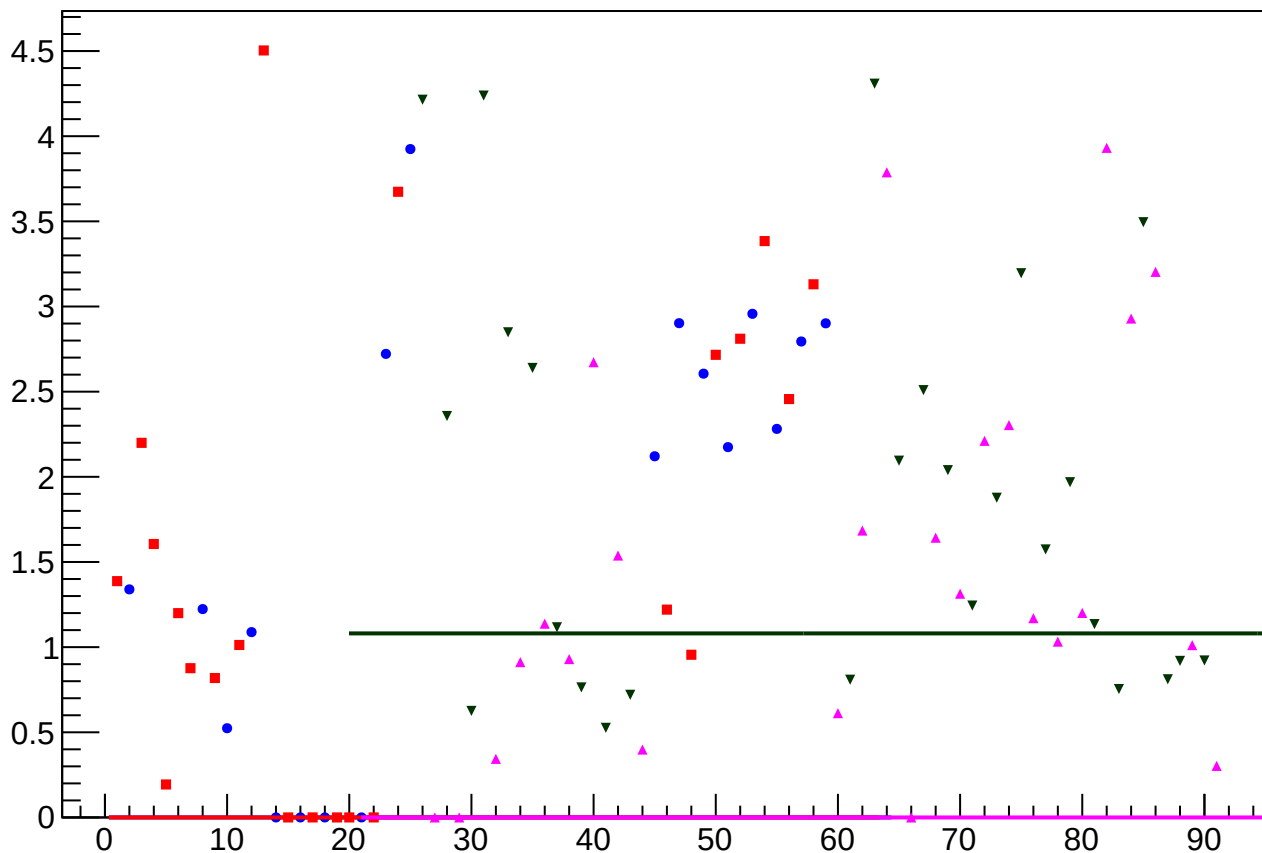
Right Out: -6.426+/-0.000 χ^2/NDF : 150783944020592.5/21

Left In: 6.558+/-0.000 χ^2/NDF : 1668383241.8/24

-6.463+/-0.000 χ^2/NDF : 127750272992659.4/4

-6.178+/-0.000 χ^2/NDF : 445819074726437.7/4

yield_cav4bX_rms vs slug



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

Left Out: 1.081+/-0.000 χ^2/NDF : 5468136.4/25

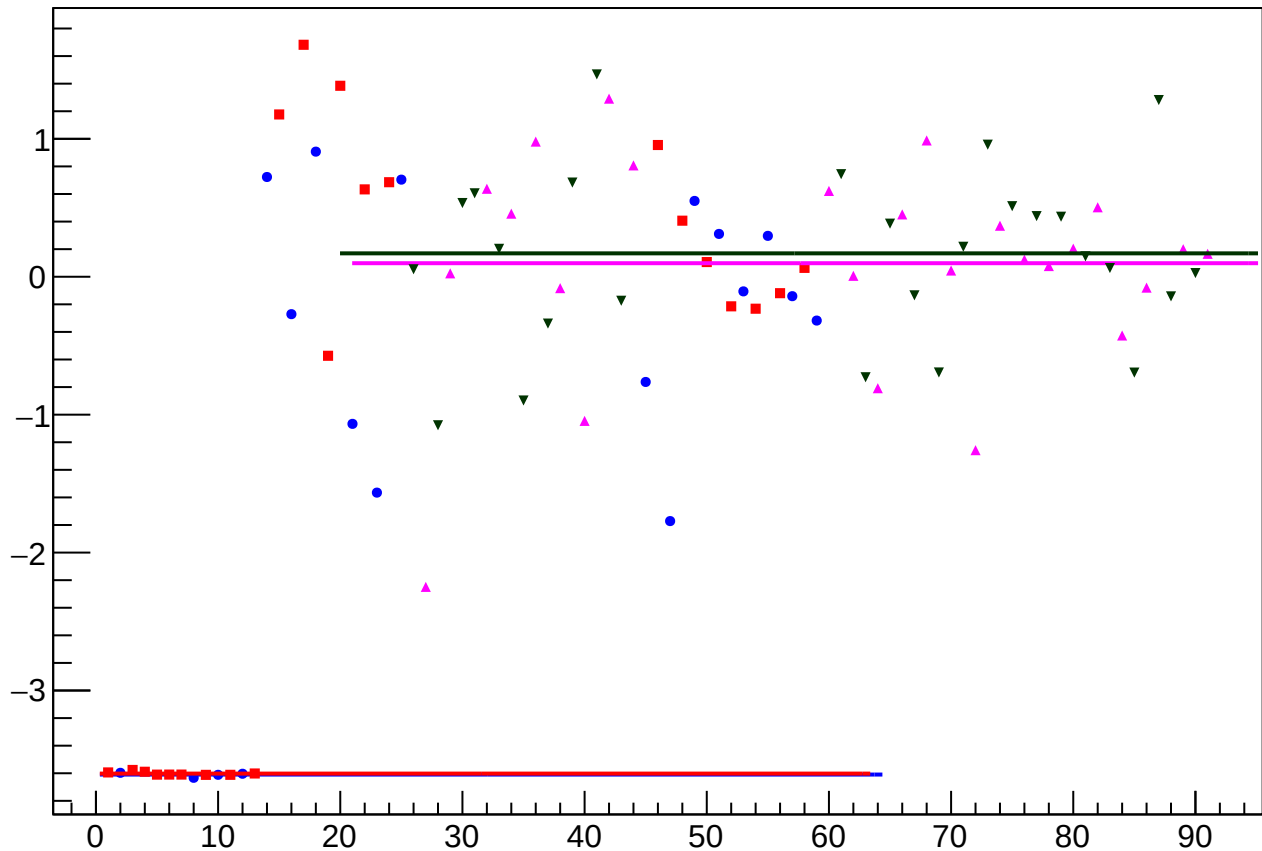
Right Out: 0.000+/-0.000 χ^2/NDF : 11564045.7/21

Left In: 0.000+/-0.000 χ^2/NDF : 16609661.1/24

0.000+/-0.000 χ^2/NDF : 30937097.9/43

0.000+/-0.000 χ^2/NDF : 28173808.5/46

yield_cav4bY_mean vs slug



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

Left Out: 0.170+/-0.000 χ^2/NDF :10602865.0/25

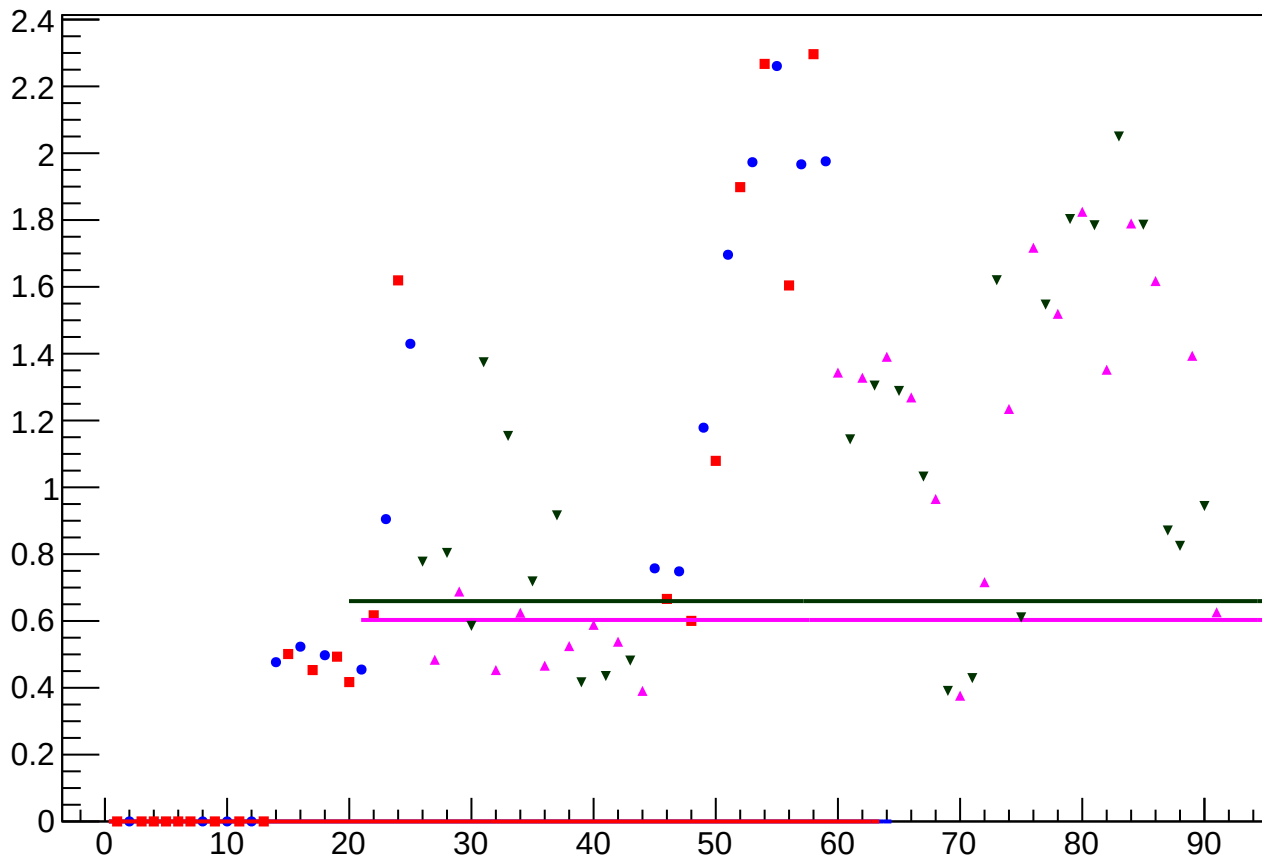
-3.609+/-0.000 χ^2/NDF : 105370691508.8/43

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

-3.602+/-0.000 χ^2/NDF : 114394014426.2/46

Left In: 0.098+/-0.000 χ^2/NDF :21941932.3/24

yield_cav4bY_rms vs slug



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

Left Out: 0.659+/-0.000 χ^2/NDF :4681541.8/25

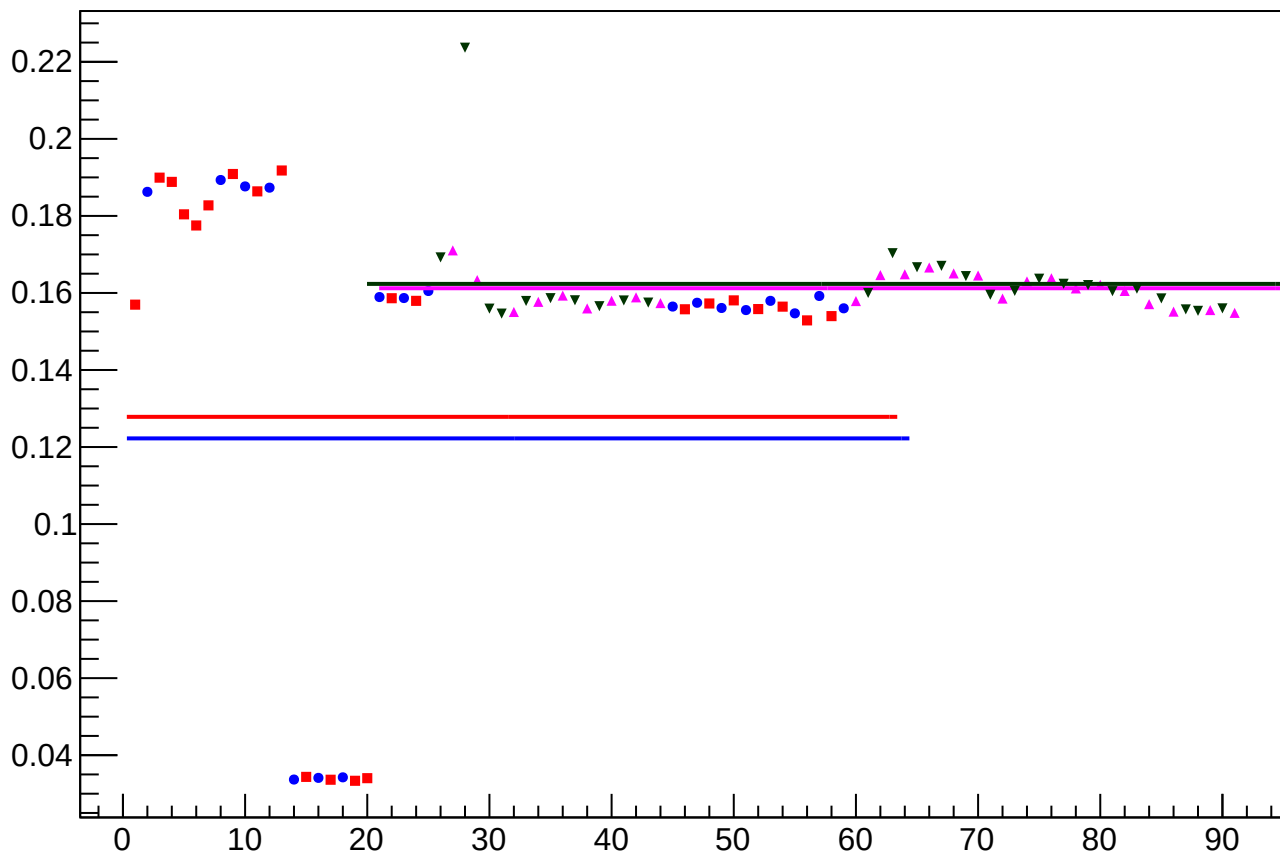
Right Out: 0.000+/-0.000 χ^2/NDF : 10460399.4/21

Left In: 0.603+/-0.000 χ^2/NDF :5145672.2/24

0.000+/-0.000 χ^2/NDF : 34475578.3/43

0.000+/-0.000 χ^2/NDF : 33209109.5/46

yield_cav4cX_mean vs slug



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

Left Out: 0.162+/-0.000 χ^2/NDF :105015039.0/25

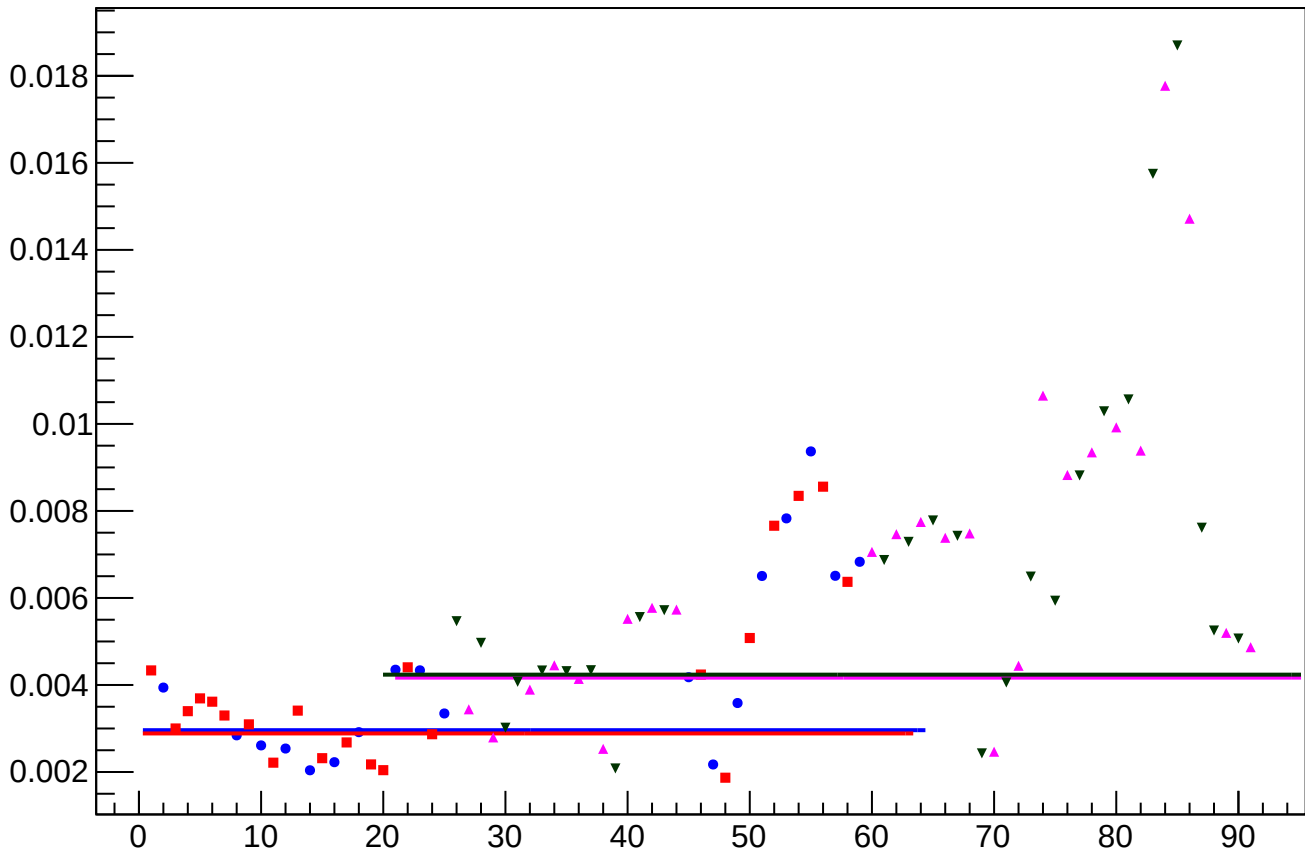
Right Out: 0.128+/-0.000 χ^2/NDF : 4476733197.5/21

Left In: 0.161+/-0.000 χ^2/NDF :14925384.1/24

0.136+/-0.000 χ^2/NDF : 5635804365.0/43

0.140+/-0.000 χ^2/NDF : 4912164646.5/46

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 : 4835870.2/25

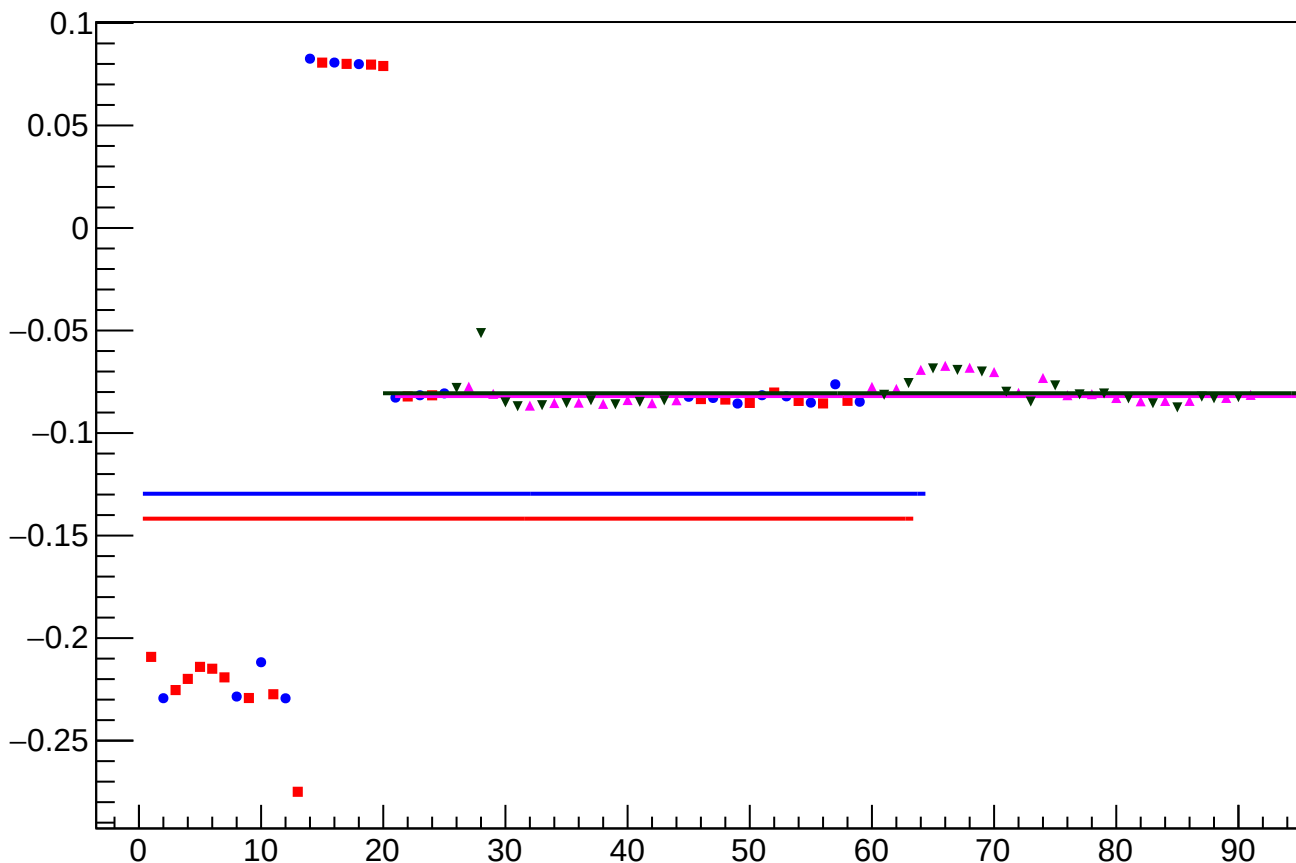
Right Out: 0.003+/-0.000 χ^2/NDF : 2803879.6/21

Left In: 0.004+/-0.000 χ^2/NDF : 5227274.1/24

0.003+/-0.000 χ^2/NDF : 9034602.3/43

0.003+/-0.000 χ^2/NDF : 9272910.4/46

yield_cav4cY_mean vs slug



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

Left Out: -0.081 ± 0.000 χ^2/NDF : 42620420.4/25

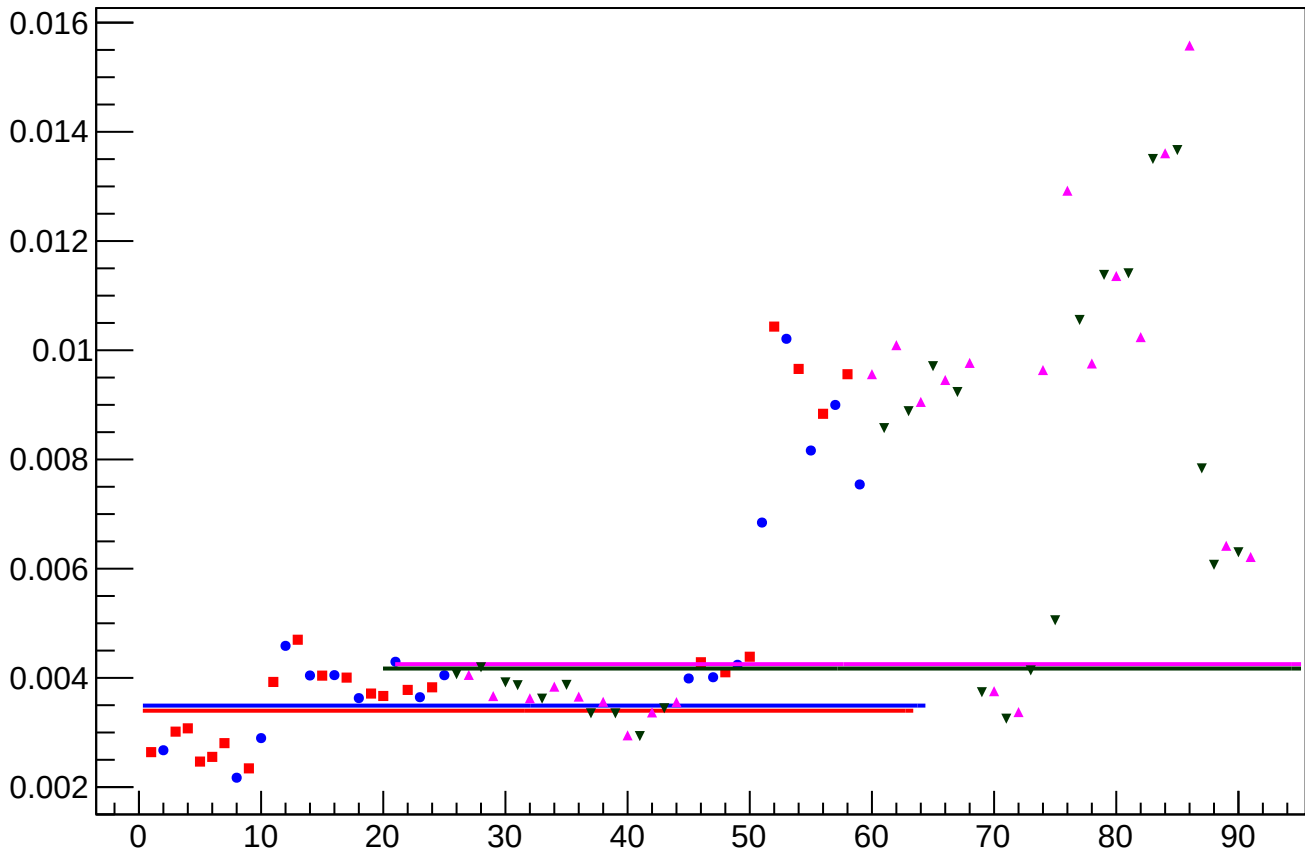
Right Out: -0.142 ± 0.000 χ^2/NDF : 9436819931.9/21

Left In: -0.082 ± 0.000 χ^2/NDF : 13445500.9/24

-0.109 ± 0.000 χ^2/NDF : 10937811925.5/43

-0.116 ± 0.000 χ^2/NDF : 10604581383.7/46

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 : 3750950.6/25

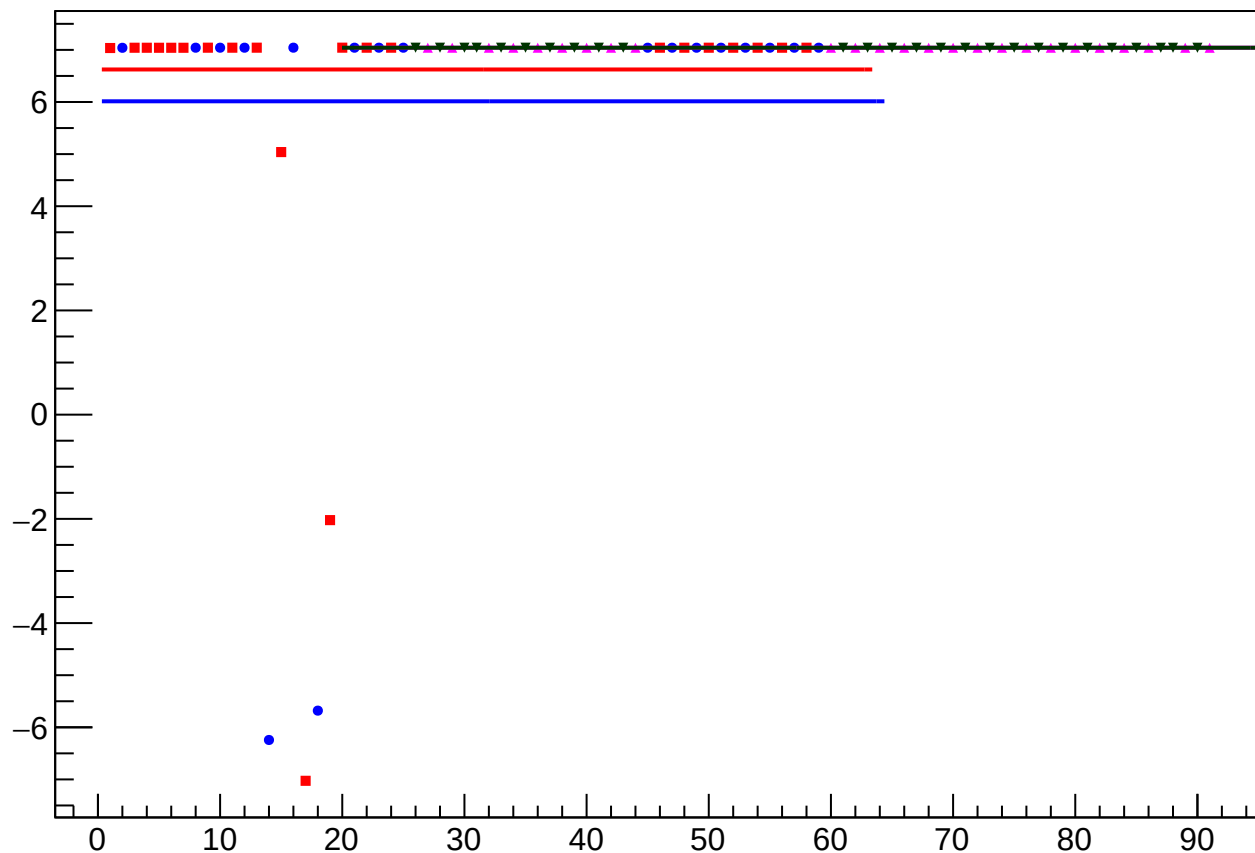
Right Out: 0.003+/-0.000 χ^2/NDF : 2328455.1/21

Left In: 0.004+/-0.000 χ^2/NDF : 4664614.9/24

0.004+/-0.000 χ^2/NDF : 6784180.8/43

0.004+/-0.000 χ^2/NDF : 7462250.2/46

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 : 53010453.3/25

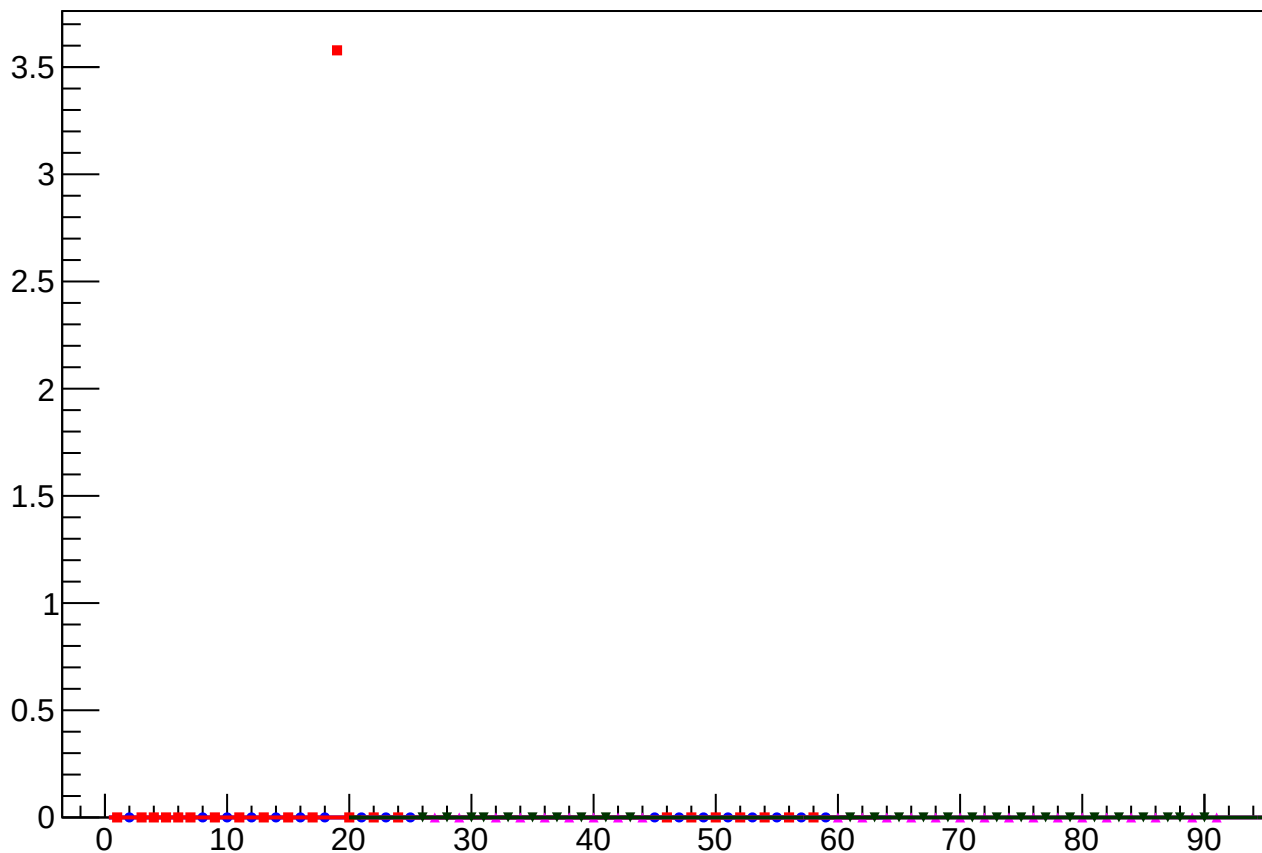
Right Out: 6.624+/-0.000 χ^2/NDF : 1862697532352357.5/21

Left In: 7.042+/-0.000 χ^2/NDF : 50122773.8/24

6.570+/-0.000 χ^2/NDF : 4902012067893329.0/4

6.866+/-0.000 χ^2/NDF : 1896703291036808.0/4

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 : 7990.2/25

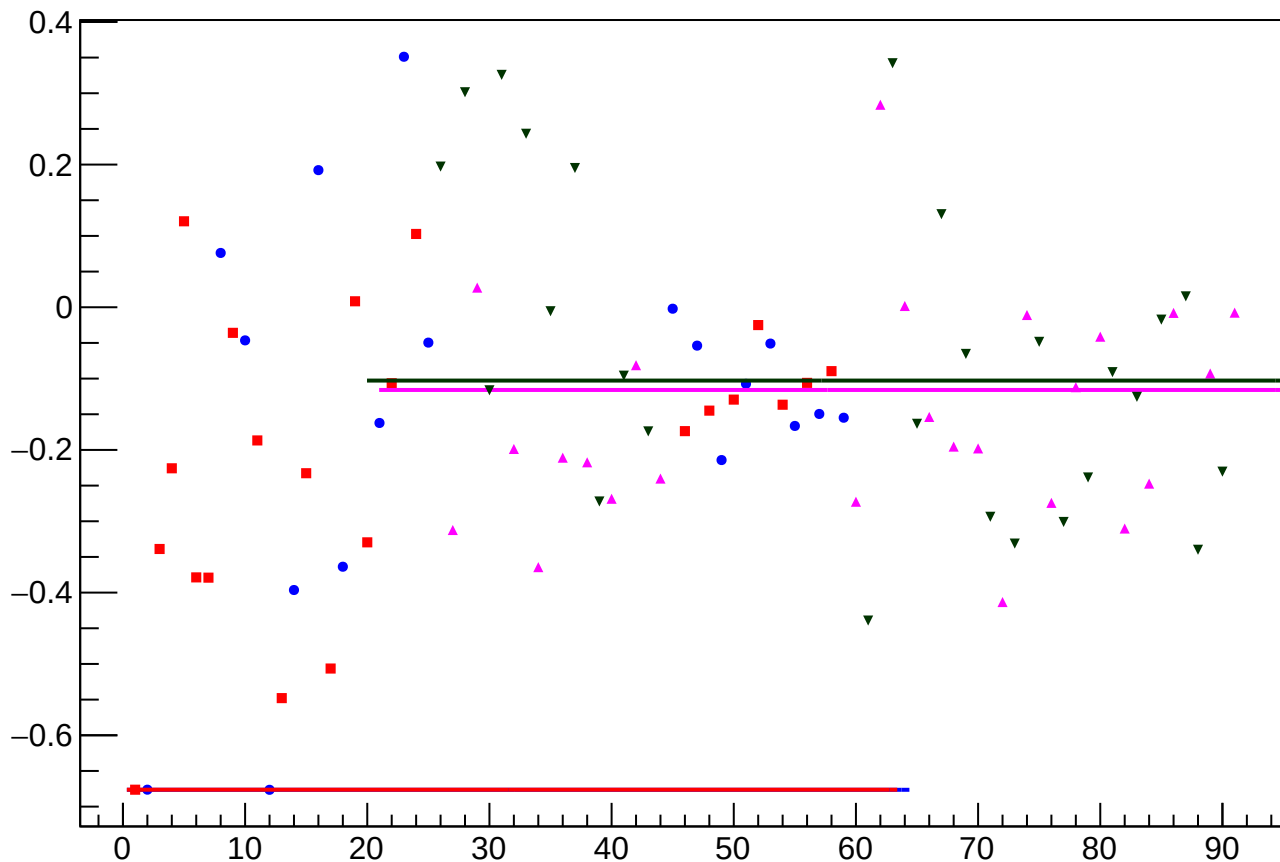
Right Out: 0.000+/-0.000 χ^2/NDF : 696505.5/21

Left In: 0.000+/-0.000 χ^2/NDF : 7292.7/24

0.000+/-0.000 χ^2/NDF : 16987.1/43

0.000+/-0.000 χ^2/NDF : 706173.1/46

yield_cav4dY_mean vs slug



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

Left Out: -0.103+/-0.000 χ^2/NDF : 39891021.0/25

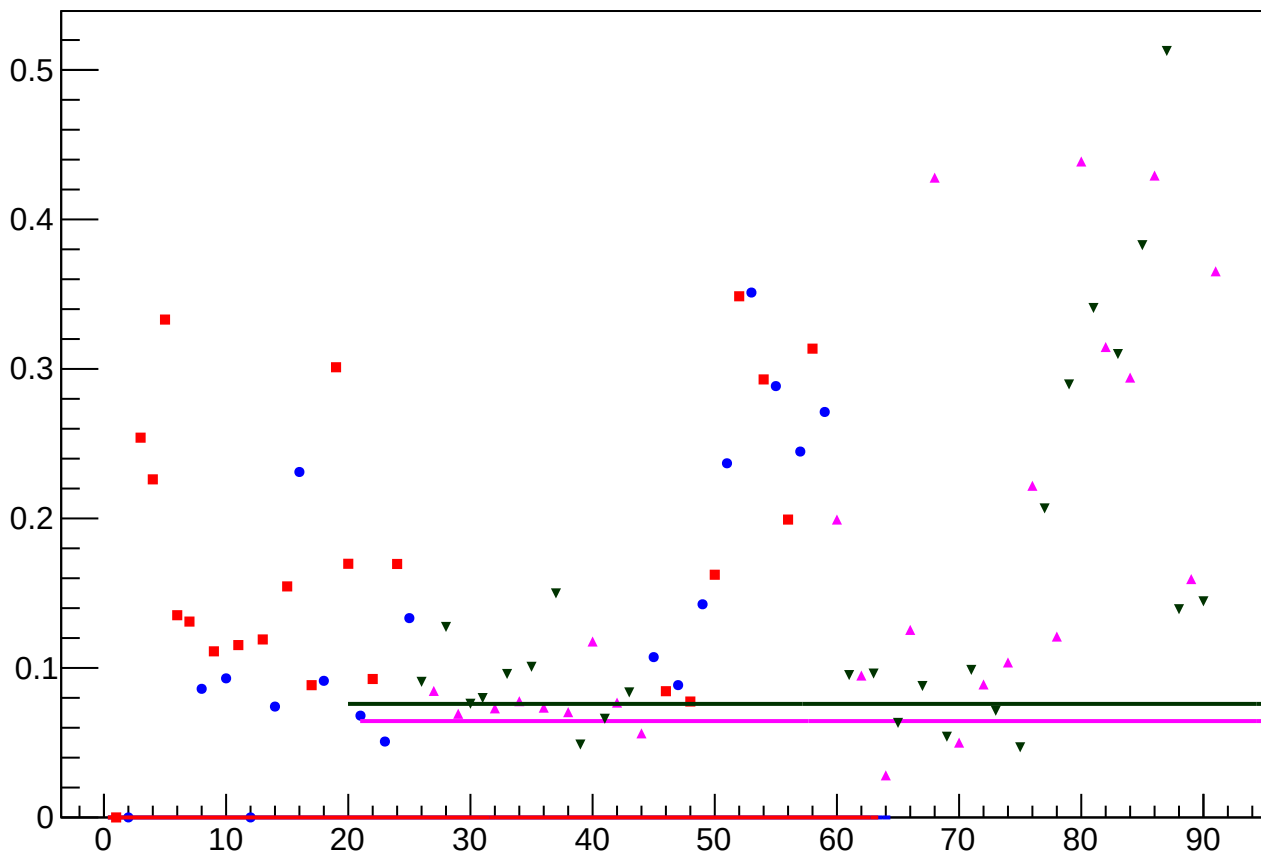
Right Out: -0.676+/-0.000 χ^2/NDF : 102777211.9/21

Left In: -0.116+/-0.000 χ^2/NDF : 30124115.2/24

-0.676+/-0.000 χ^2/NDF : 680926955.0/43

-0.676+/-0.000 χ^2/NDF : 630451952.2/46

yield_cav4dY_rms vs slug



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

Left Out: 0.076+/-0.000 χ^2/NDF : 4173328.6/25

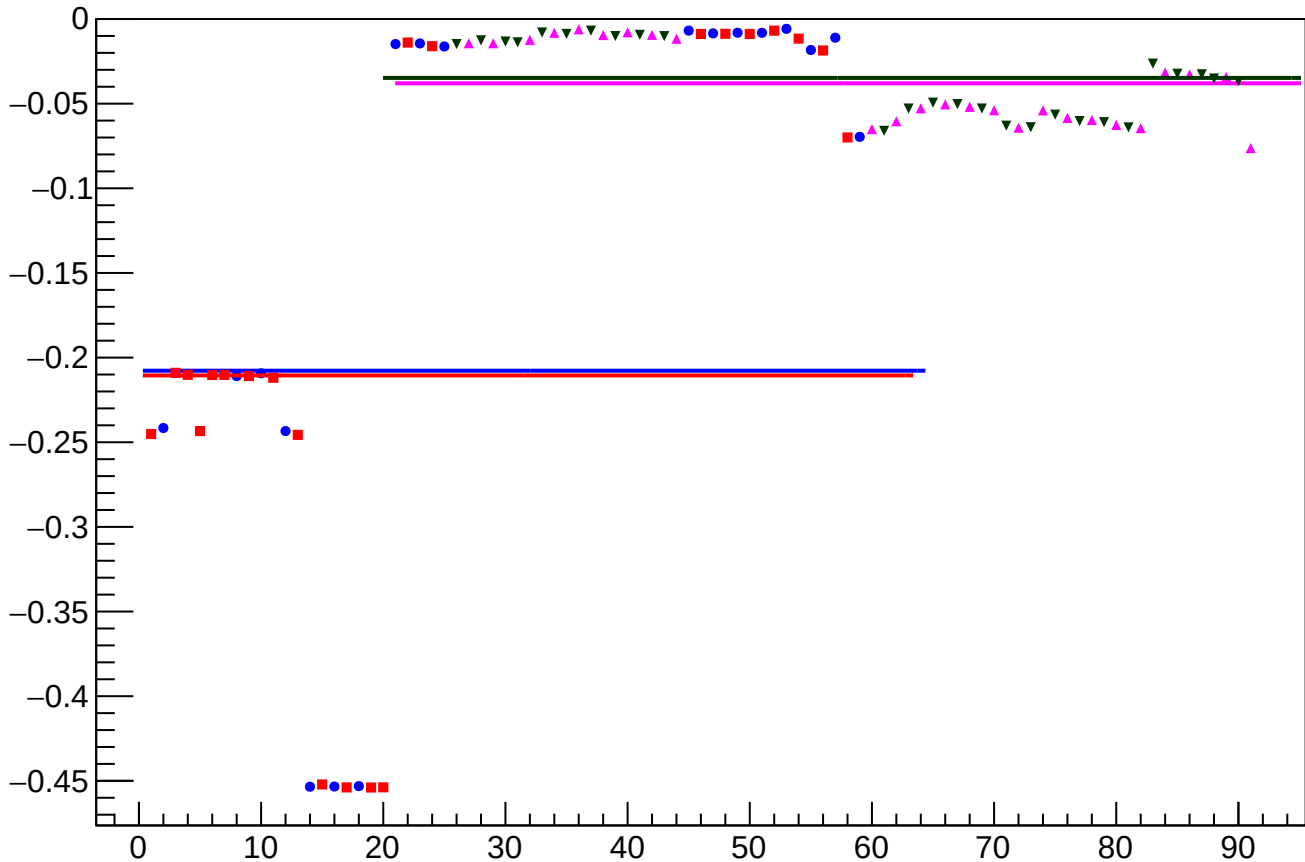
Right Out: 0.000+/-0.000 χ^2/NDF : 15026552.9/21

Left In: 0.064+/-0.000 χ^2/NDF : 7196139.0/24

0.000+/-0.000 χ^2/NDF : 32861388.9/43

0.000+/-0.000 χ^2/NDF : 35385343.3/46

yield_bpm4aX_mean vs slug



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

Left Out: -0.035+/-0.000 χ^2/NDF : 67642883.8/25

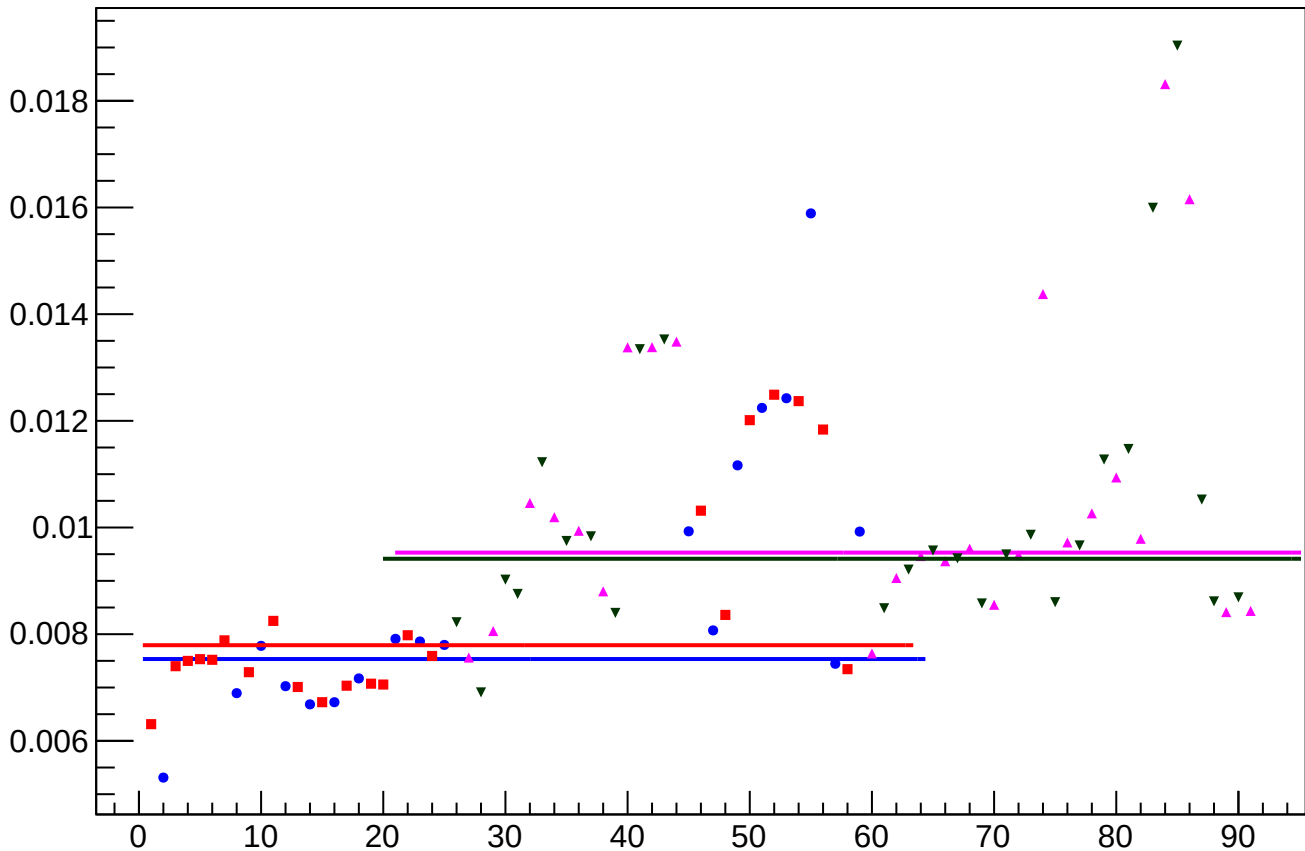
-0.134+/-0.000 χ^2/NDF : 7596185224.5/43

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

-0.130+/-0.000 χ^2/NDF : 6502130225.2/46

Left In: -0.038+/-0.000 χ^2/NDF : 81316561.8/24

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 : 969110.3/25

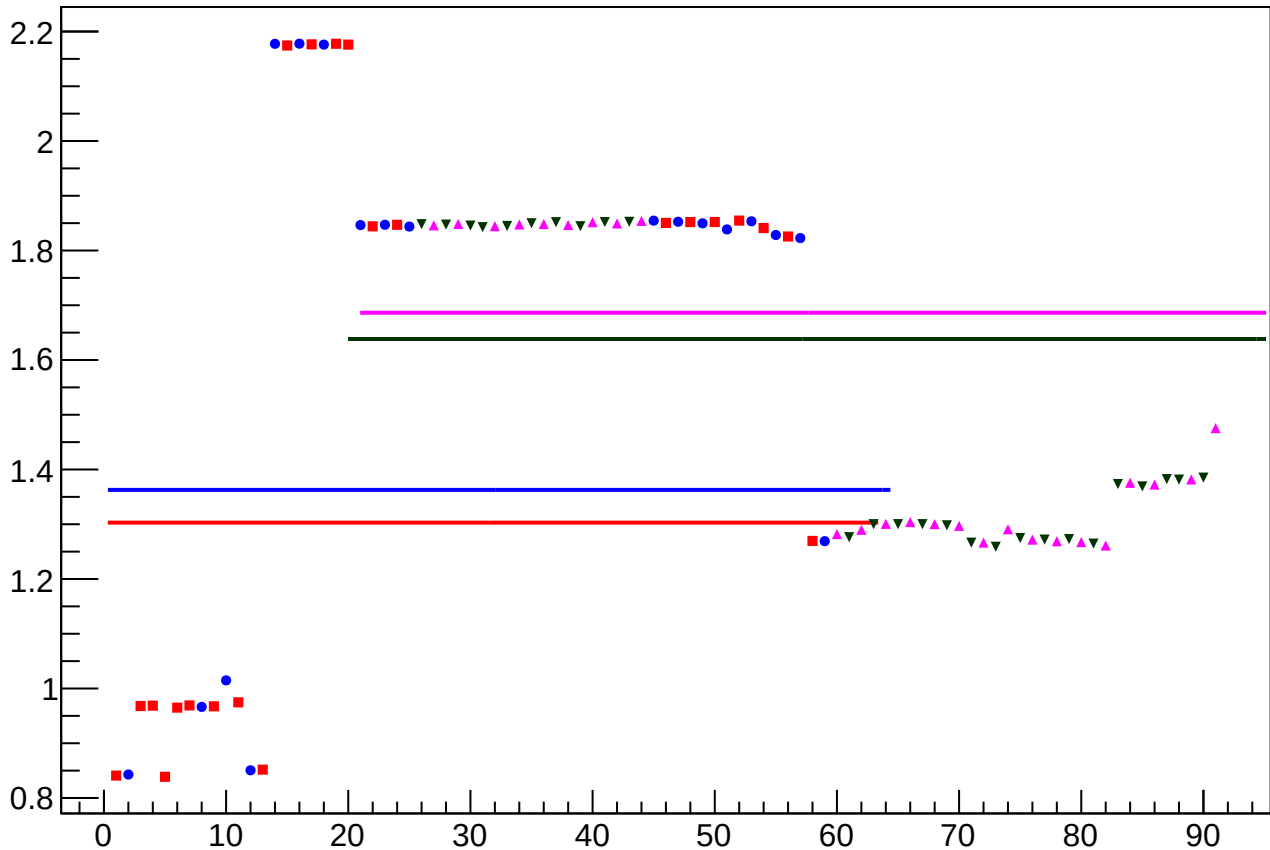
Right Out: 0.008+/-0.000 χ^2/NDF : 722523.2/21

Left In: 0.010+/-0.000 χ^2/NDF : 1109554.1/24

0.008+/-0.000 χ^2/NDF : 2843321.2/43

0.009+/-0.000 χ^2/NDF : 2293583.0/46

yield_bpm4aY_mean vs slug



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

Left Out: 1.638+/-0.000 χ^2/NDF : 3155652198.8/25

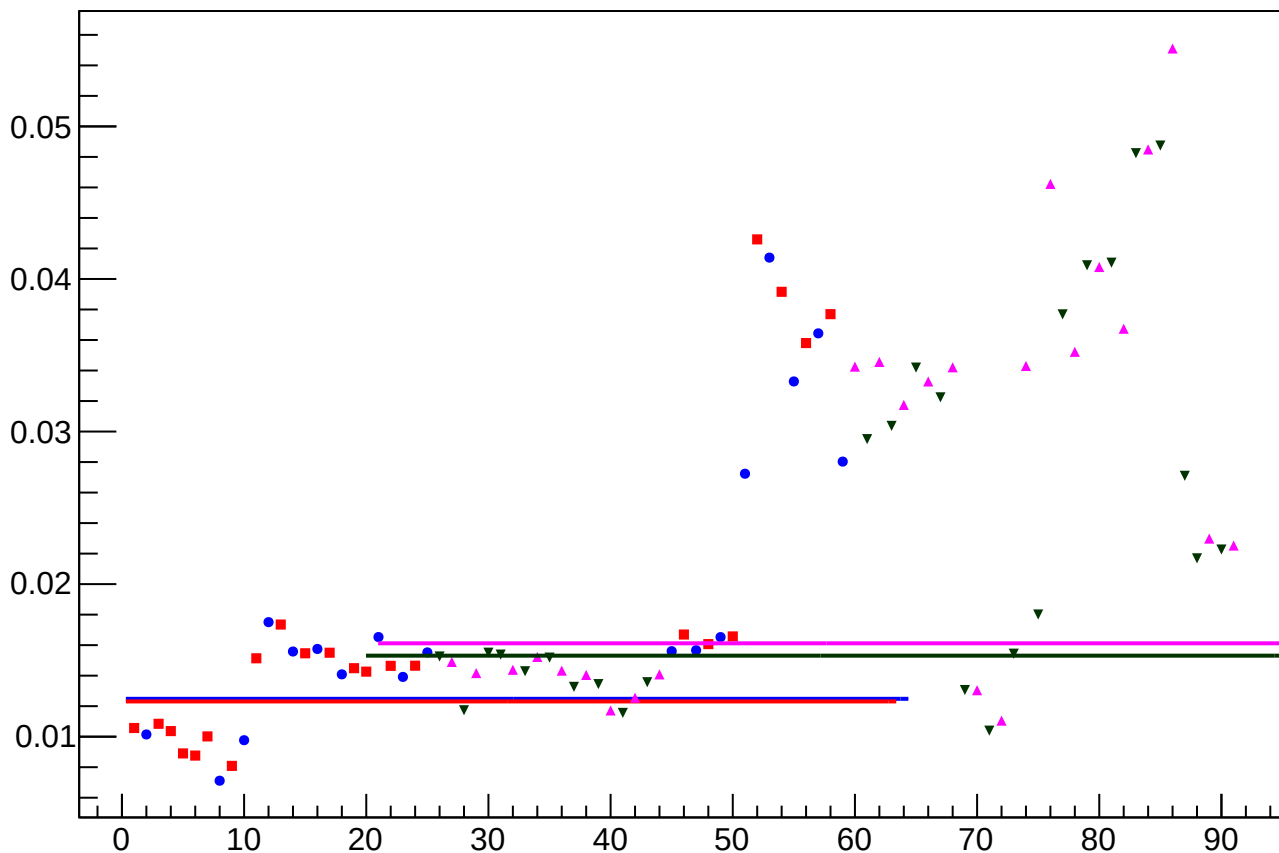
Right Out: 1.303+/-0.000 χ^2/NDF : 14207816249.2/21

Left In: 1.686+/-0.000 χ^2/NDF : 2530988116.3/24

1.481+/-0.000 χ^2/NDF : 20433084855.1/43

1.464+/-0.000 χ^2/NDF : 20186602430.1/46

yield_bpm4aY_rms vs slug



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

Left Out: 0.015+/-0.000 χ^2/NDF : 3640429.6/25

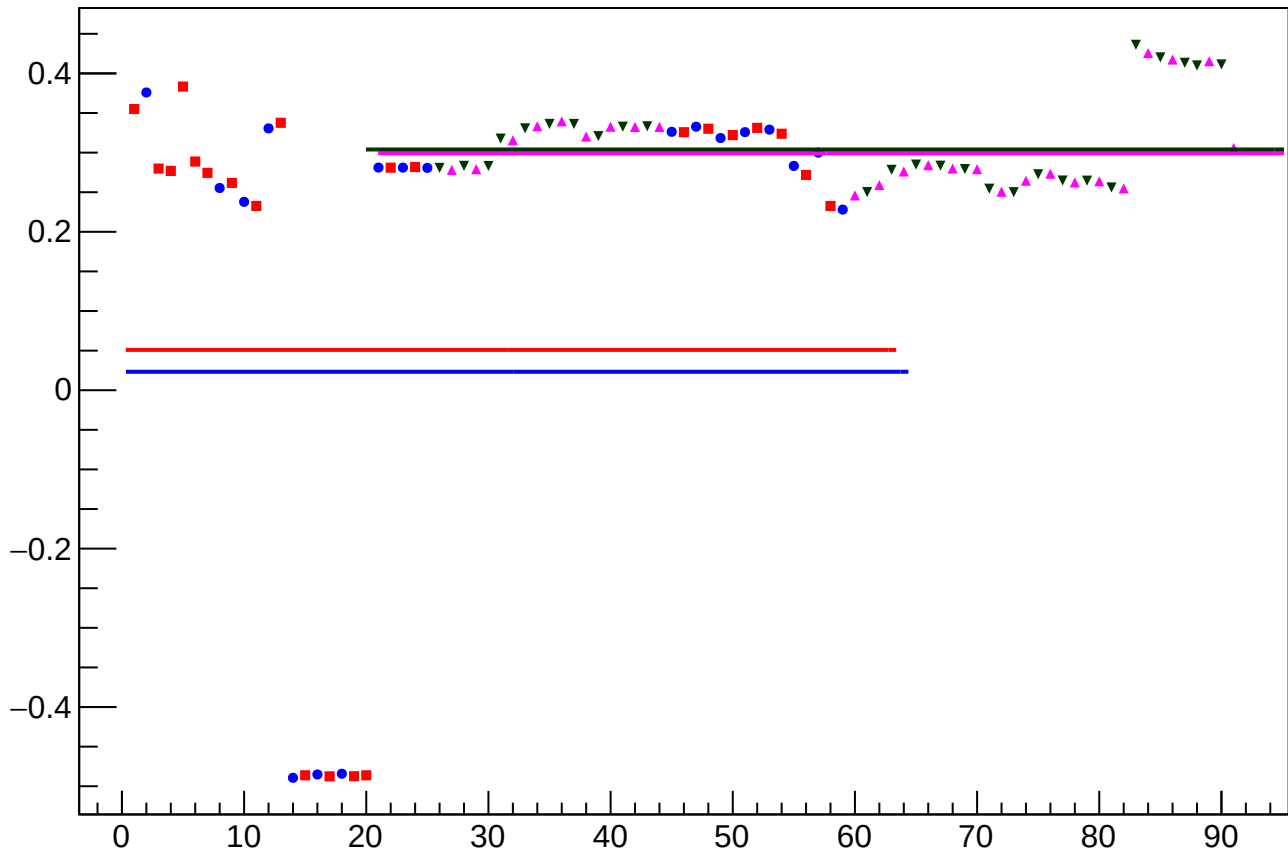
Right Out: 0.012+/-0.000 χ^2/NDF : 2822884.3/21

Left In: 0.016+/-0.000 χ^2/NDF : 4332414.3/24

0.014+/-0.000 χ^2/NDF : 7541696.7/43

0.014+/-0.000 χ^2/NDF : 7836153.4/46

yield_bpm4eX_mean vs slug



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

Left Out: 0.304+/-0.000 χ^2/NDF : 26985077.5/25

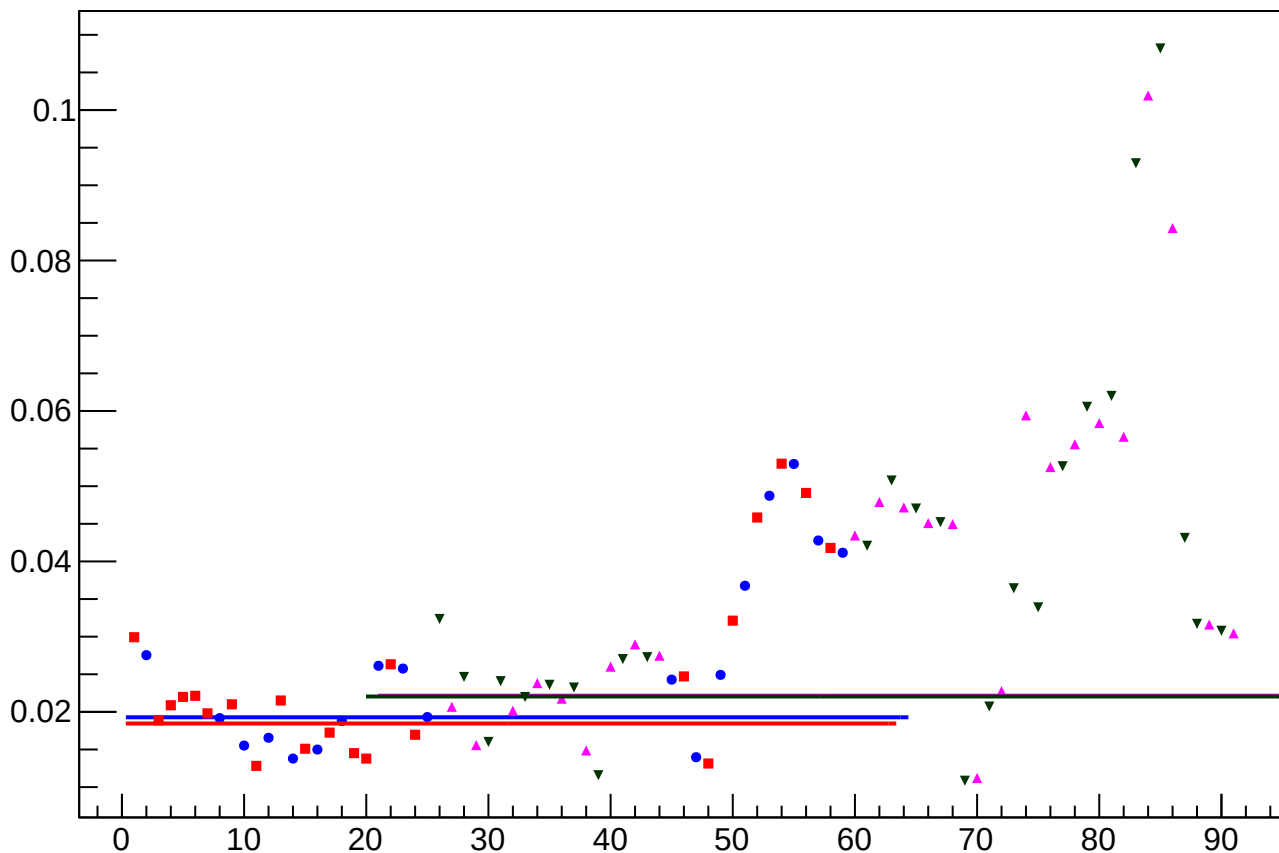
0.144+/-0.000 χ^2/NDF : 4434322820.7/43

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

0.161+/-0.000 χ^2/NDF : 3925776307.3/46

Left In: 0.299+/-0.000 χ^2/NDF : 21729002.8/24

yield_bpm4eX_rms vs slug



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

Left Out: 0.022+/-0.000 χ^2/NDF : 5763168.1/25

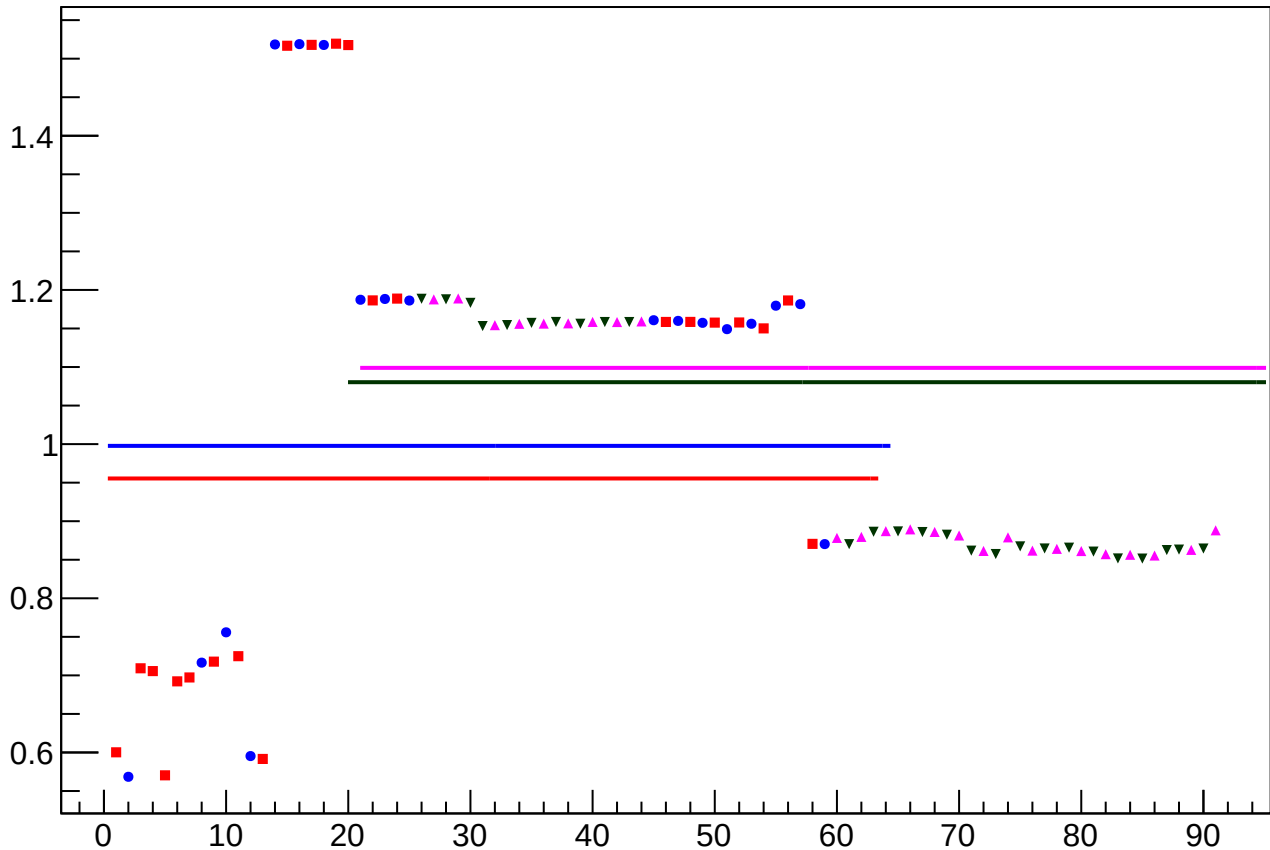
Right Out: 0.018+/-0.000 χ^2/NDF : 2653028.6/21

Left In: 0.022+/-0.000 χ^2/NDF : 5994918.4/24

0.020+/-0.000 χ^2/NDF : 8664445.1/43

0.020+/-0.000 χ^2/NDF : 8957977.5/46

yield_bpm4eY_mean vs slug



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

Left Out: 1.080+/-0.000 χ^2/NDF : 1661284842.5/25

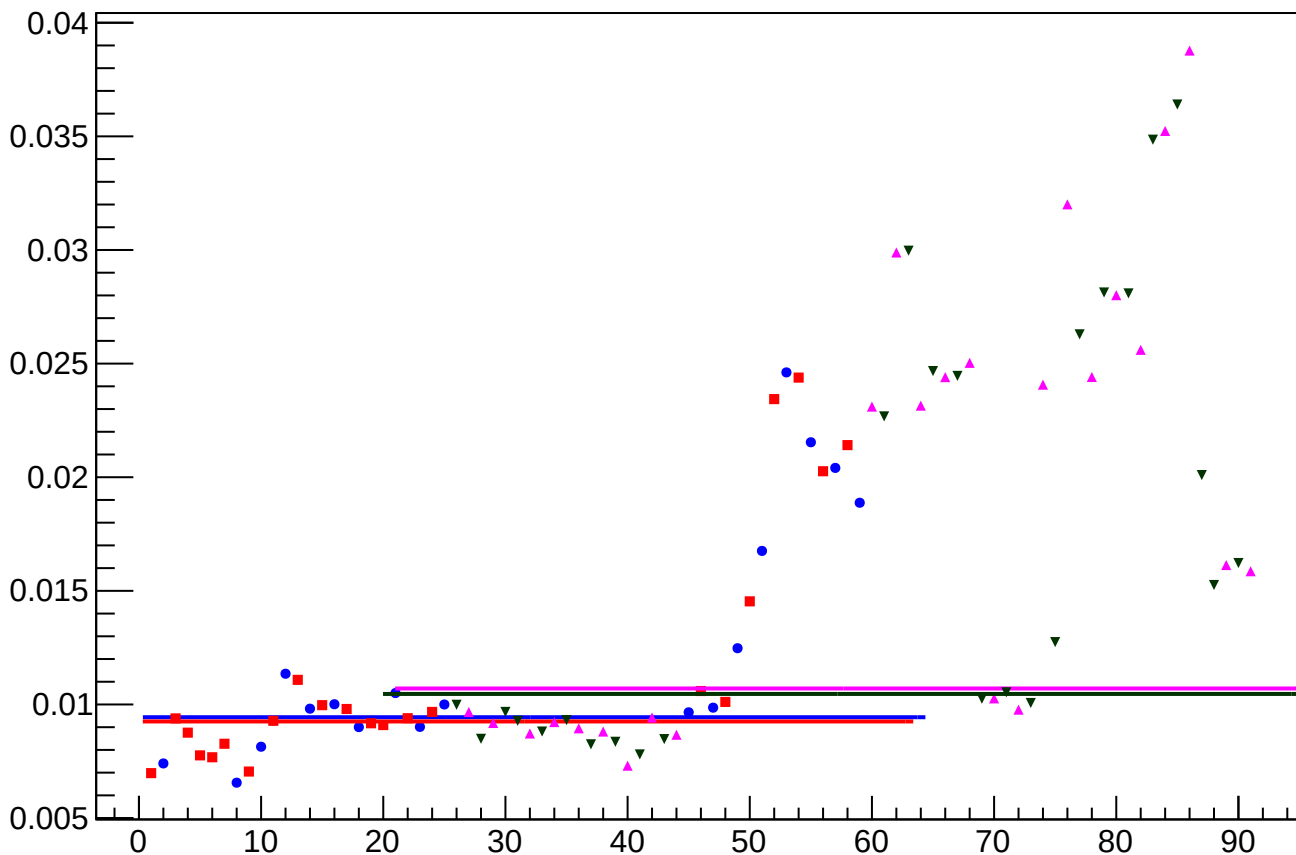
1.035+/-0.000 χ^2/NDF : 14990144301.3/43

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

1.021+/-0.000 χ^2/NDF : 14396485524.4/46

Left In: 1.099+/-0.000 χ^2/NDF : 1349834473.2/24

yield_bpm4eY_rms vs slug



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

Left Out: 0.010+/-0.000 χ^2/NDF :3920200.7/25

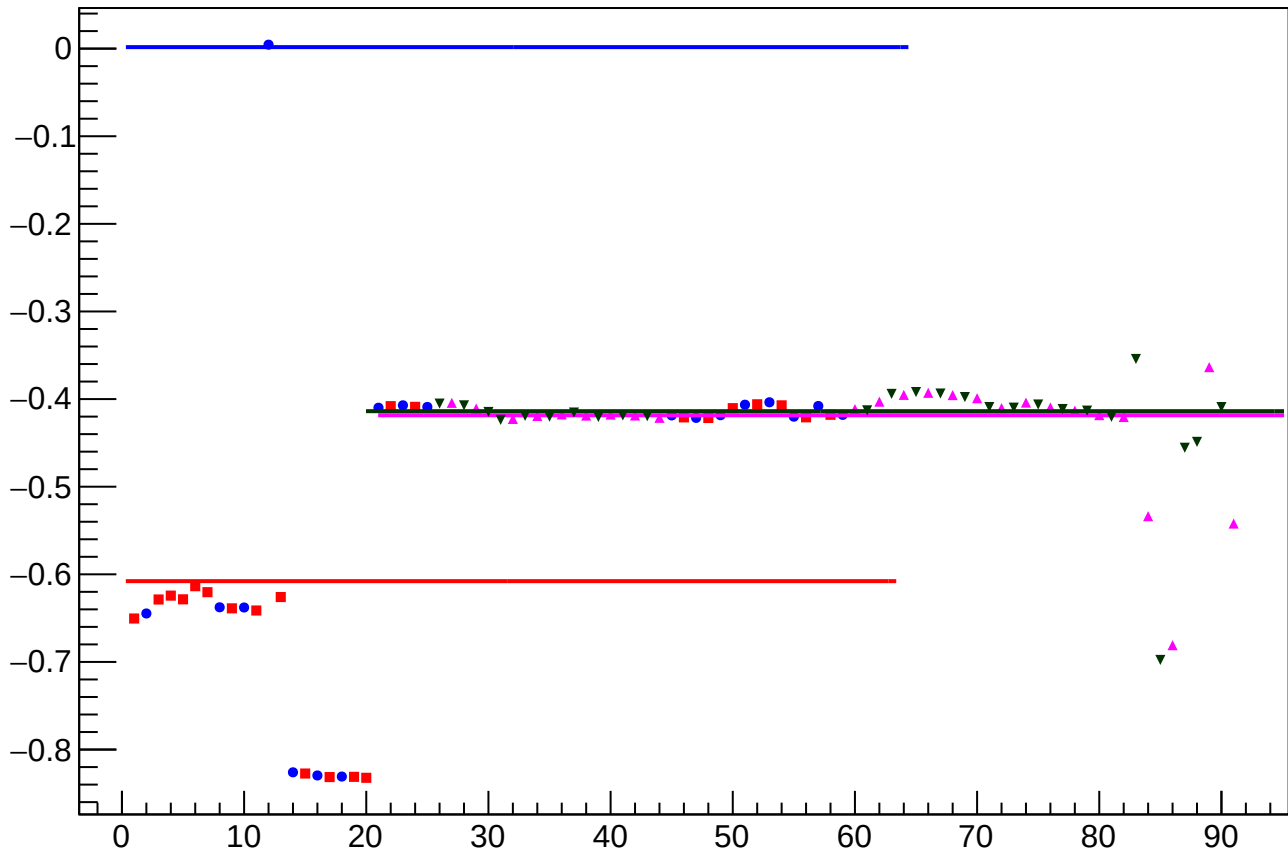
Right Out: 0.009+/-0.000 χ^2/NDF : 1724964.5/21

Left In: 0.011+/-0.000 χ^2/NDF :4741946.5/24

0.010+/-0.000 χ^2/NDF : 6062094.5/43

0.010+/-0.000 χ^2/NDF : 6670419.5/46

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 67407565569.4/17

Left Out: -0.414 $\pm$ 0.000 χ^2 /NDF: 149186099.2/25

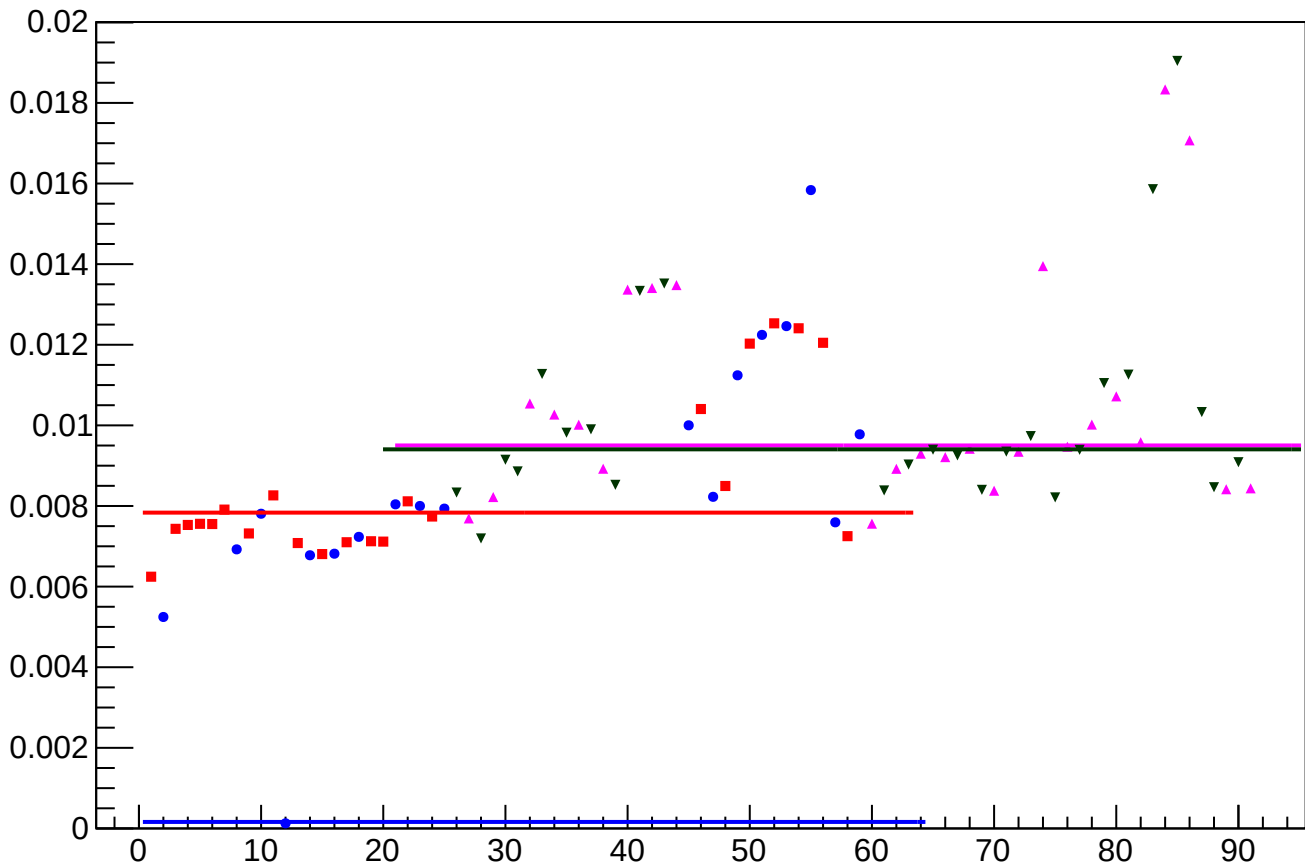
0.000 $\pm$ 0.000 χ^2 /NDF: 91061409776.4/43

Right Out: -0.608 $\pm$ 0.000 χ^2 /NDF: 3865347311.2/21

-0.519 $\pm$ 0.000 χ^2 /NDF: 6886130566.5/46

Left In: -0.418 $\pm$ 0.000 χ^2 /NDF: 284200769.1/24

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 : 915941.0/25

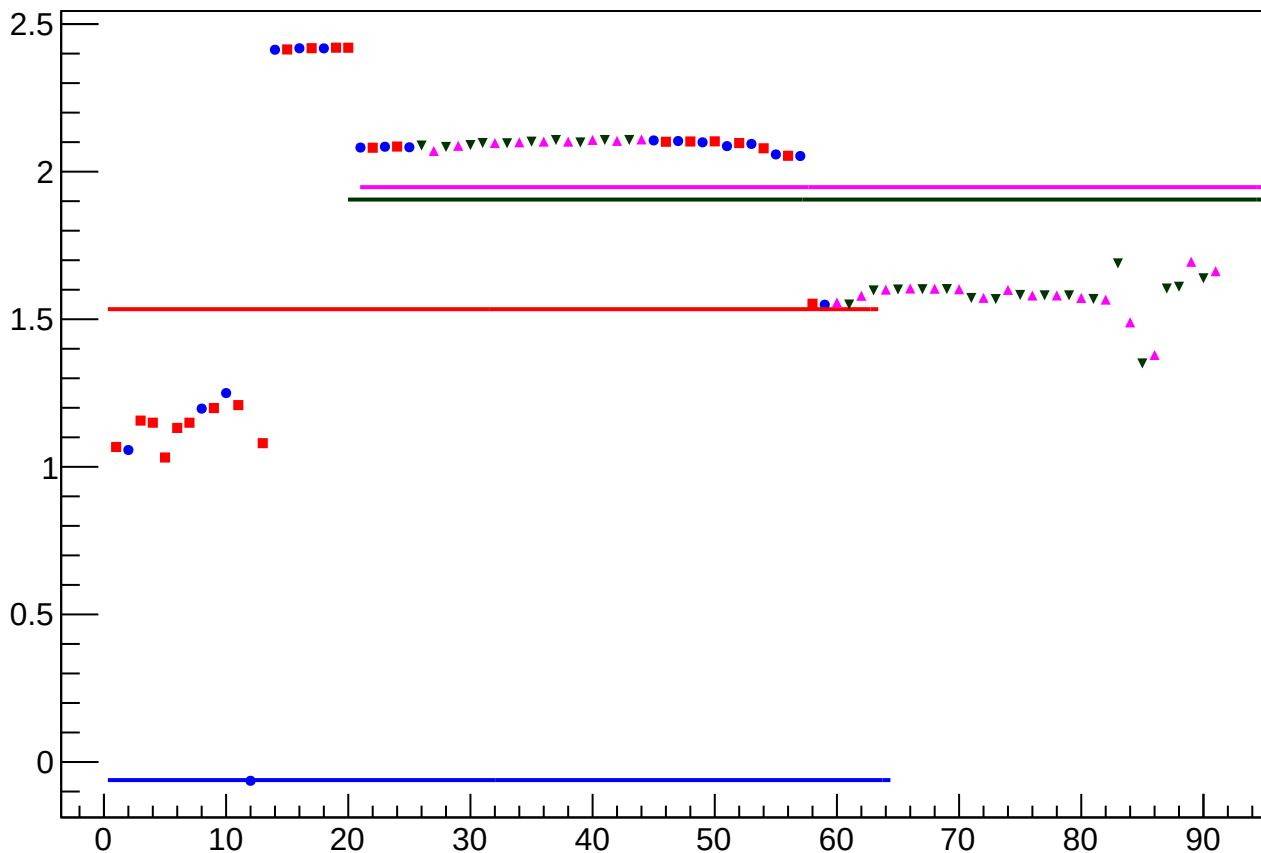
Right Out: 0.008+/-0.000 χ^2/NDF : 734915.0/21

Left In: 0.010+/-0.000 χ^2/NDF : 1105269.0/24

0.000+/-0.000 χ^2/NDF : 44582013.9/43

0.009+/-0.000 χ^2/NDF : 2264192.2/46

yield_bpm4acY_mean vs slug



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

Left Out: 1.906+/-0.000 χ^2/NDF : 2588072359.0/25

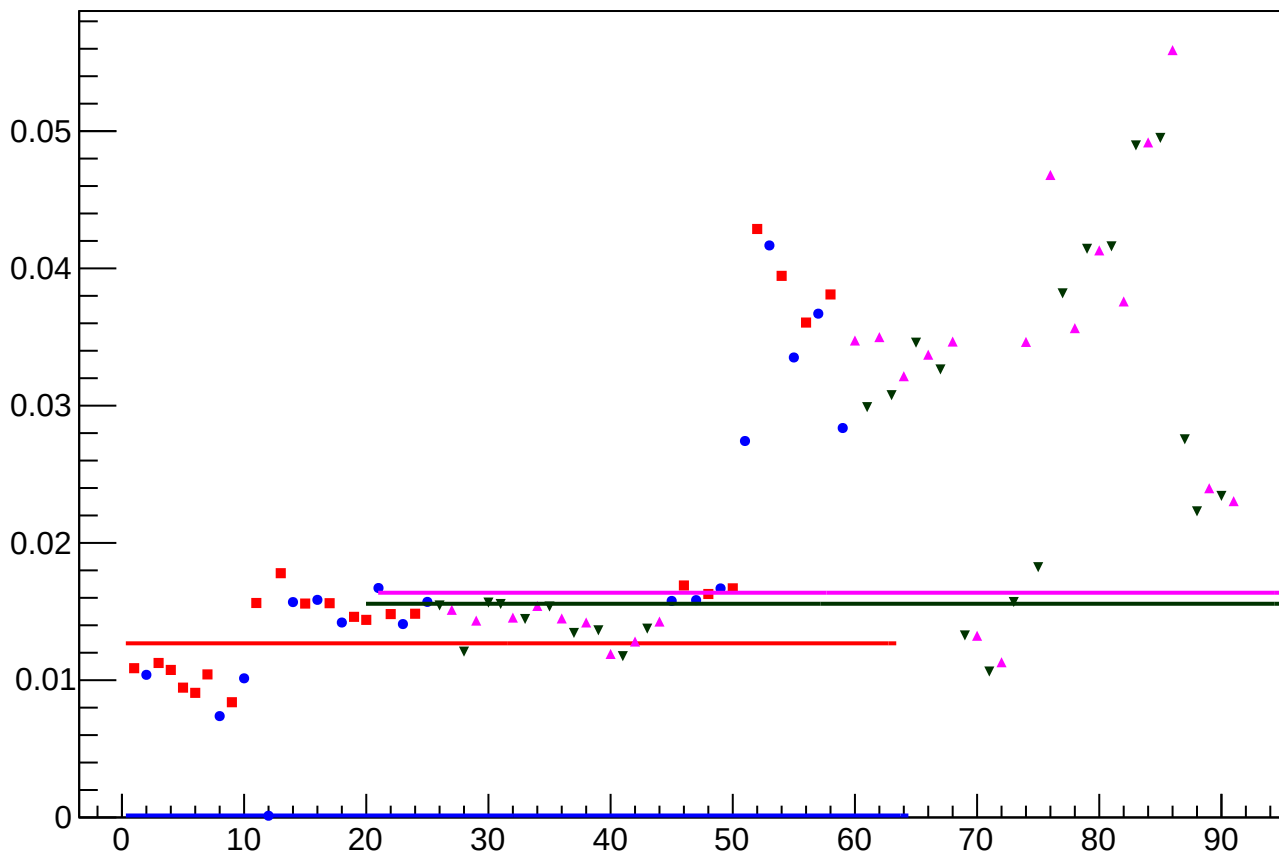
Right Out: 1.534+/-0.000 χ^2/NDF : 14648017640.0/21

Left In: 1.948+/-0.000 χ^2/NDF : 2087367384.5/24

-0.059+/-0.000 χ^2/NDF : 328606678284.3/43

1.709+/-0.000 χ^2/NDF : 20583784247.7/46

yield_bpm4acY_rms vs slug



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

Left Out: 0.016+/-0.000 χ^2/NDF : 3623131.1/25

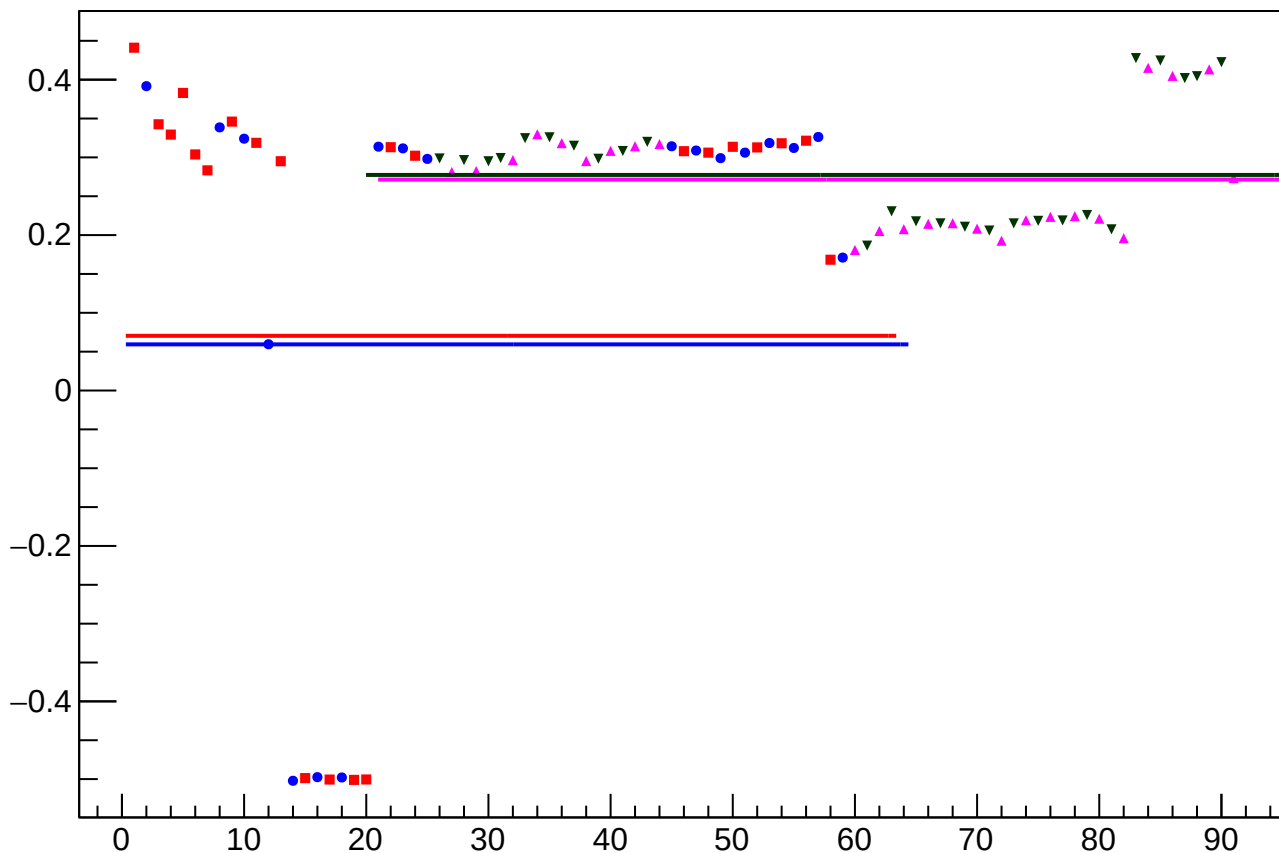
0.000+/-0.000 χ^2/NDF : 43149090.1/43

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

0.014+/-0.000 χ^2/NDF : 7637579.1/46

Left In: 0.016+/-0.000 χ^2/NDF : 4325172.4/24

yield_bpm4ecX_mean vs slug



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

Left Out: 0.277+/-0.000 χ^2/NDF : 60390499.6/25

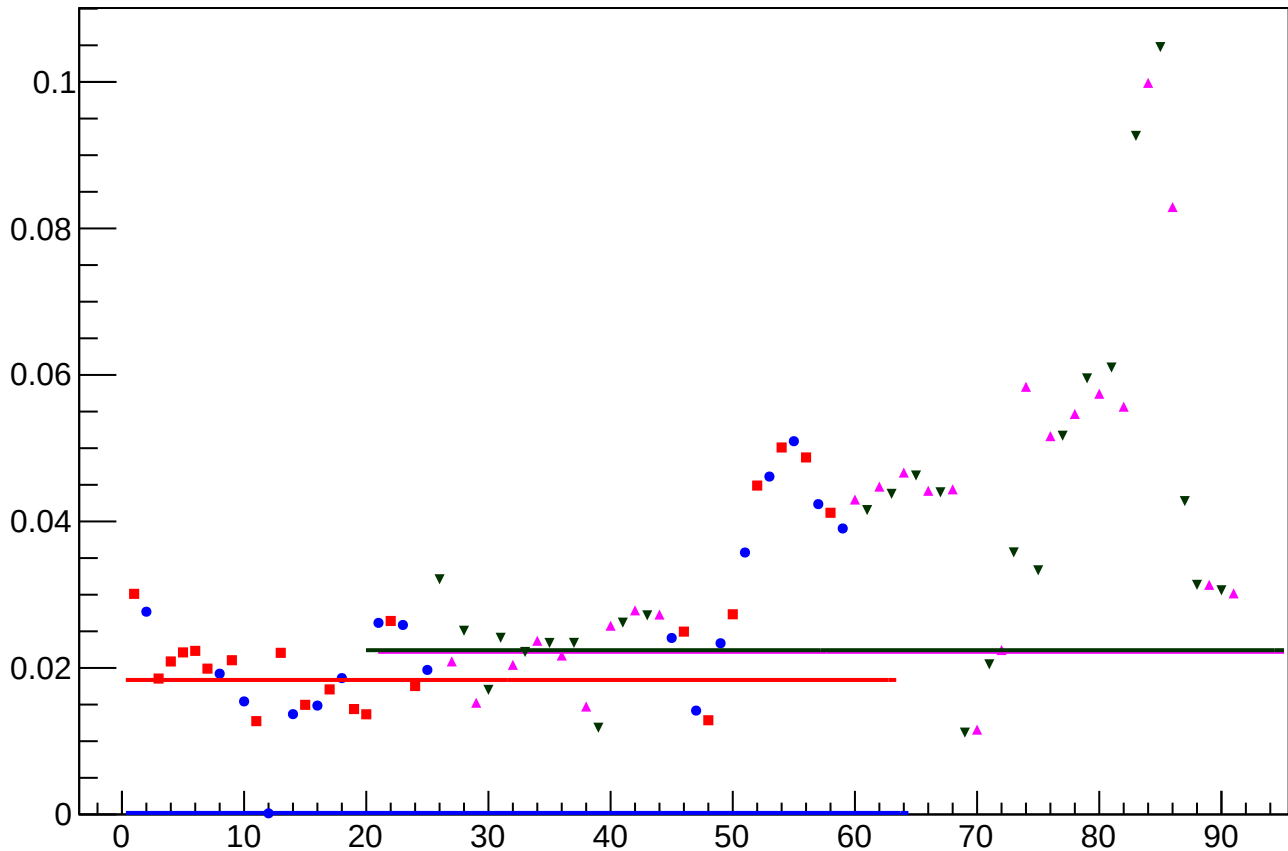
Right Out: 0.070+/-0.000 χ^2/NDF : 3672286717.3/21

Left In: 0.271+/-0.000 χ^2/NDF : 50521736.9/24

0.060+/-0.000 χ^2/NDF : 4767607491.2/43

0.159+/-0.000 χ^2/NDF : 4184966238.8/46

yield_bpm4ecX_rms vs slug



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

Left Out: 0.022+/-0.000 χ^2/NDF : 5392122.2/25

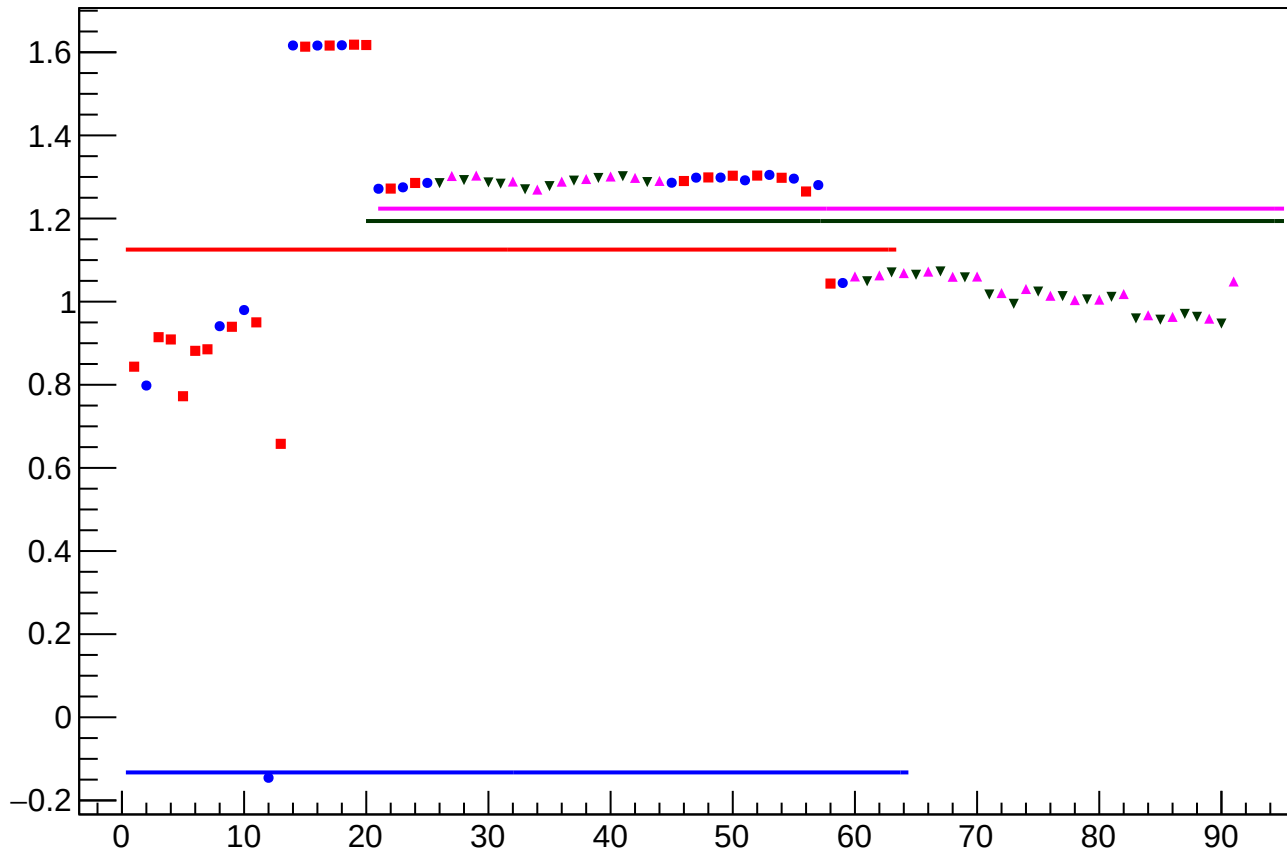
Right Out: 0.018+/-0.000 χ^2/NDF : 2586433.2/21

Left In: 0.022+/-0.000 χ^2/NDF : 5806931.2/24

0.000+/-0.000 χ^2/NDF : 44160651.5/43

0.020+/-0.000 χ^2/NDF : 8729872.4/46

yield_bpm4ecY_mean vs slug



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

Left Out: 1.194+/-0.000 χ^2/NDF :1269366558.6/25

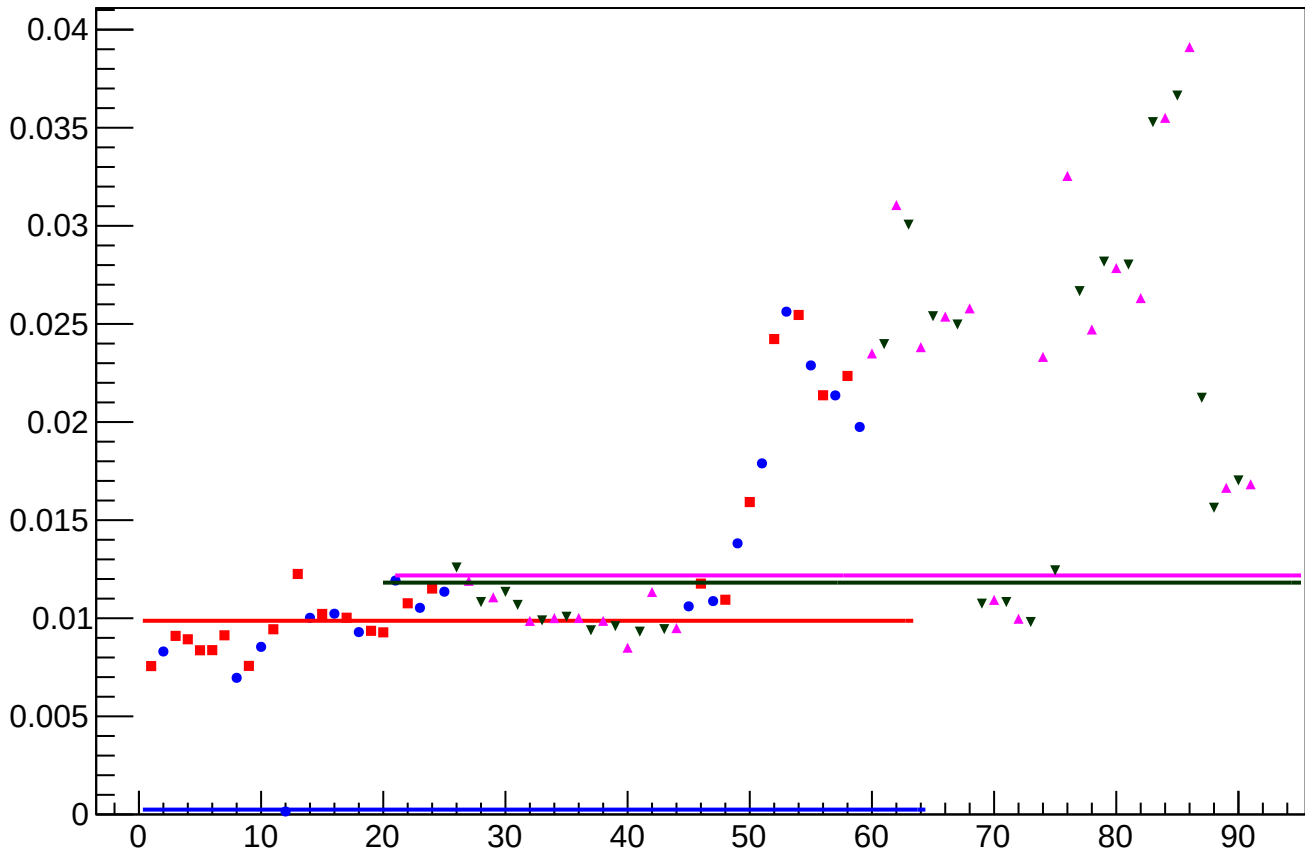
-0.122+/-0.000 χ^2/NDF : 294798840540.9/43

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

1.168+/-0.000 χ^2/NDF : 9457408116.9/46

Left In: 1.224+/-0.000 χ^2/NDF :972715125.7/24

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 19479405.1/17

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:3365307.0/25

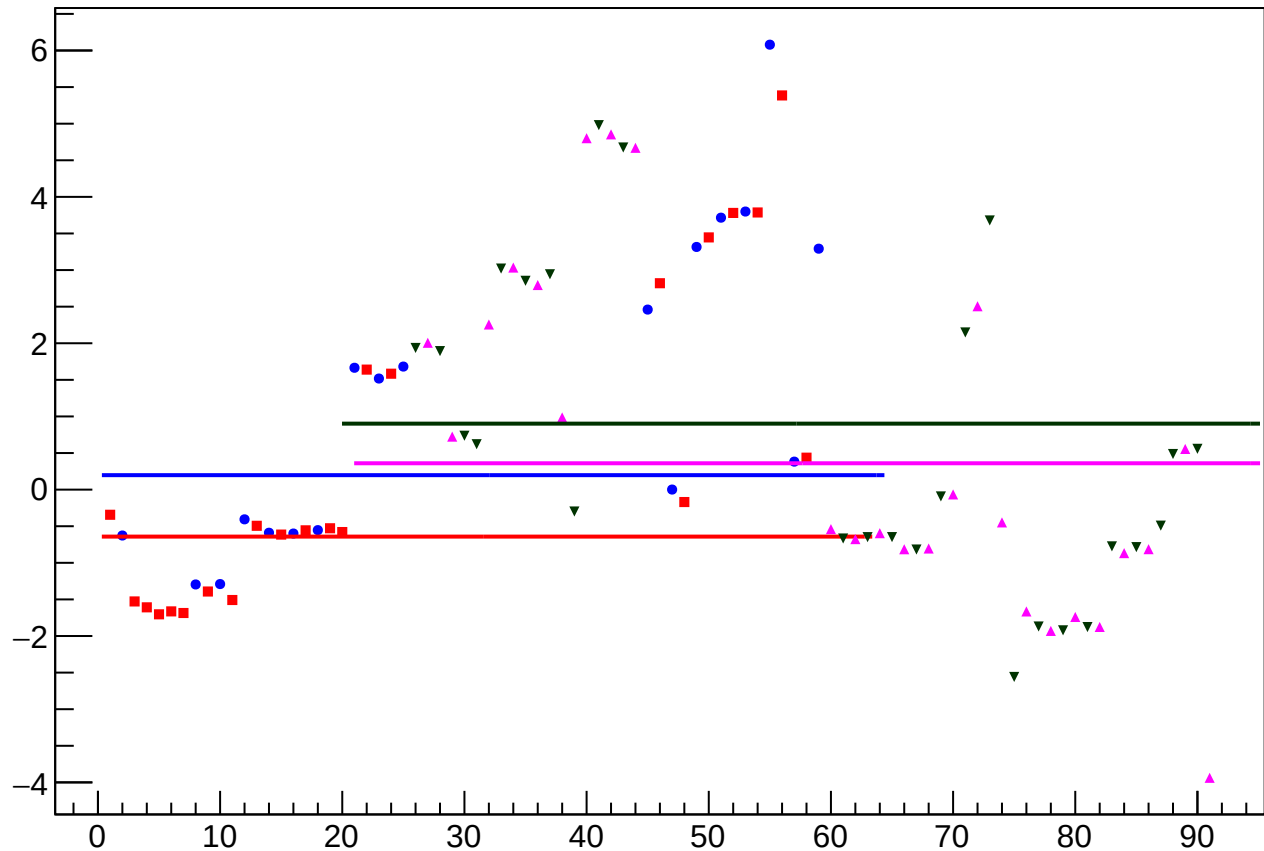
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1716442.3/21

Left In: 0.012 $\pm$ 0.000 χ^2 /NDF:4140954.7/24

0.000 $\pm$ 0.000 χ^2 /NDF: 42305841.5/43

0.011 $\pm$ 0.000 χ^2 /NDF: 6286389.2/46

yield_bpm1X_mean vs slug



Right In: 0.198 $\pm$ 0.000 χ^2 /NDF: 16198564947.3/17

Left Out: 0.902 $\pm$ 0.000 χ^2 /NDF: 3758046882.8/25

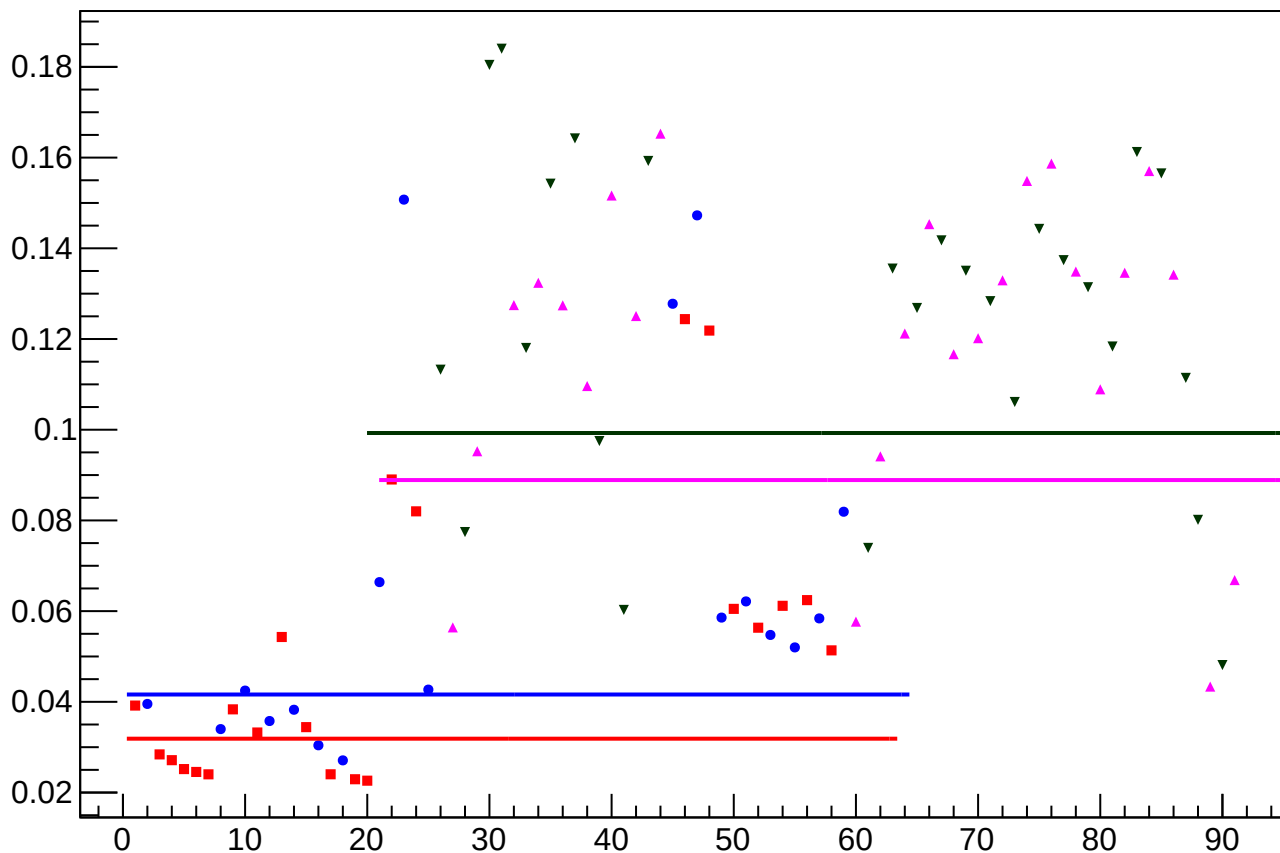
Right Out: -0.642 $\pm$ 0.000 χ^2 /NDF: 15440243999.0/21

Left In: 0.360 $\pm$ 0.000 χ^2 /NDF: 4589883584.9/24

0.318 $\pm$ 0.000 χ^2 /NDF: 20337993699.7/43

-0.496 $\pm$ 0.000 χ^2 /NDF: 21069139566.9/46

yield_bpm1X_rms vs slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 2574328.5/17

Left Out: 0.099 $\pm$ 0.000 χ^2 /NDF:2944704.7/25

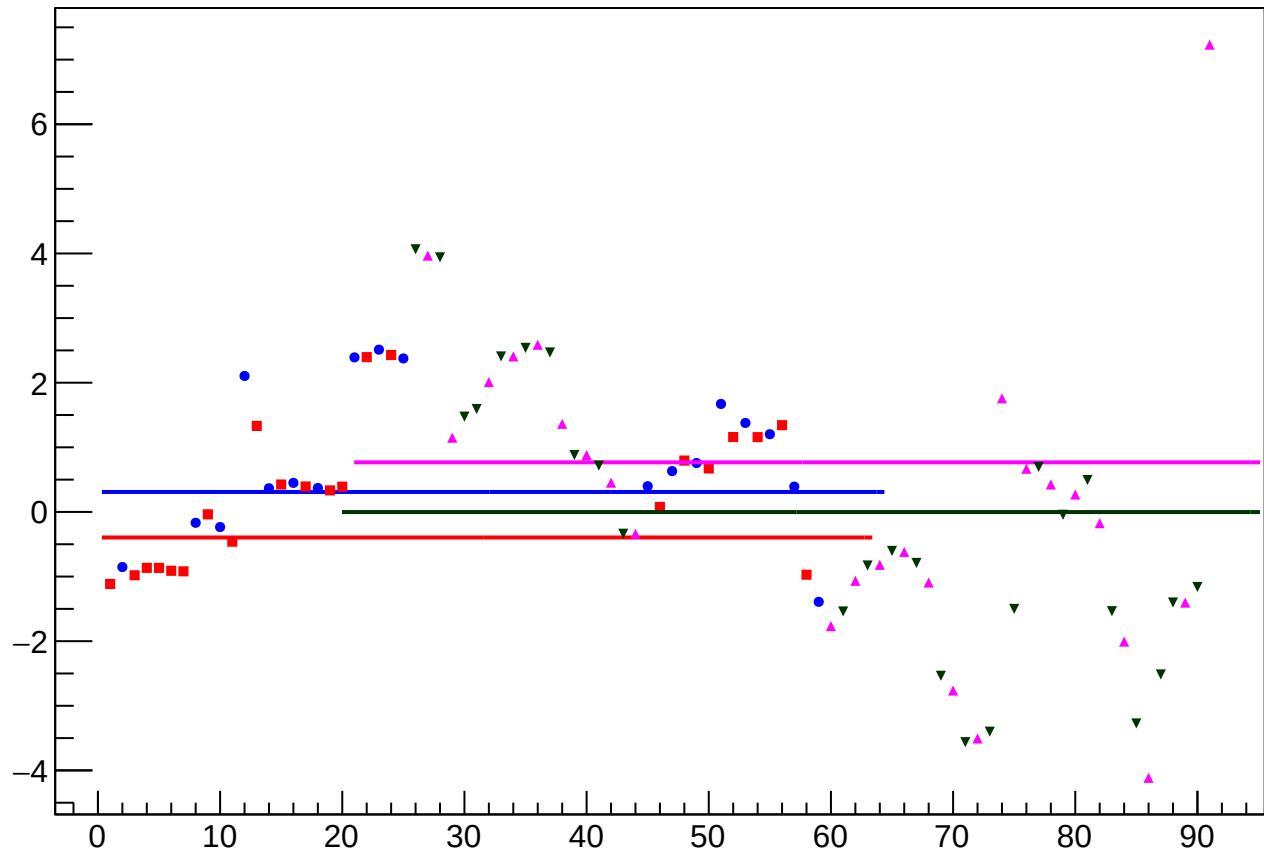
Right Out: 0.032 $\pm$ 0.000 χ^2 /NDF: 2864748.2/21

Left In: 0.089 $\pm$ 0.000 χ^2 /NDF:3712443.6/24

0.051 $\pm$ 0.000 χ^2 /NDF: 10637365.0/43

0.040 $\pm$ 0.000 χ^2 /NDF: 13308500.9/46

yield_bpm1Y_mean vs slug



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

Left Out: -0.002+/-0.000 χ^2/NDF : 8133751243.1/25

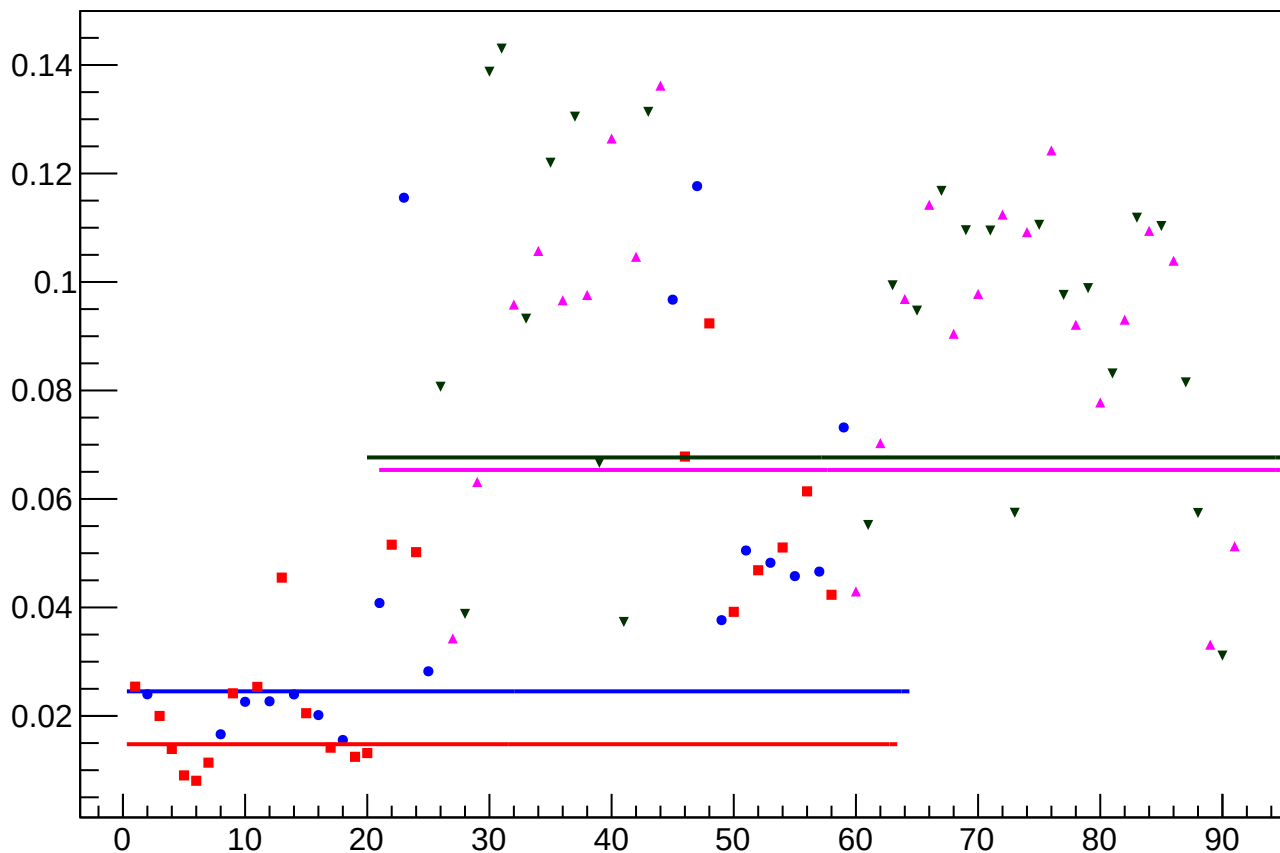
0.265+/-0.000 χ^2/NDF : 16045588768.7/43

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

-0.305+/-0.000 χ^2/NDF : 30700723920.1/46

Left In: 0.768+/-0.000 χ^2/NDF : 16003714553.8/24

yield_bpm1Y_rms vs slug



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

Left Out: 0.068+/-0.000 χ^2/NDF : 3960689.9/25

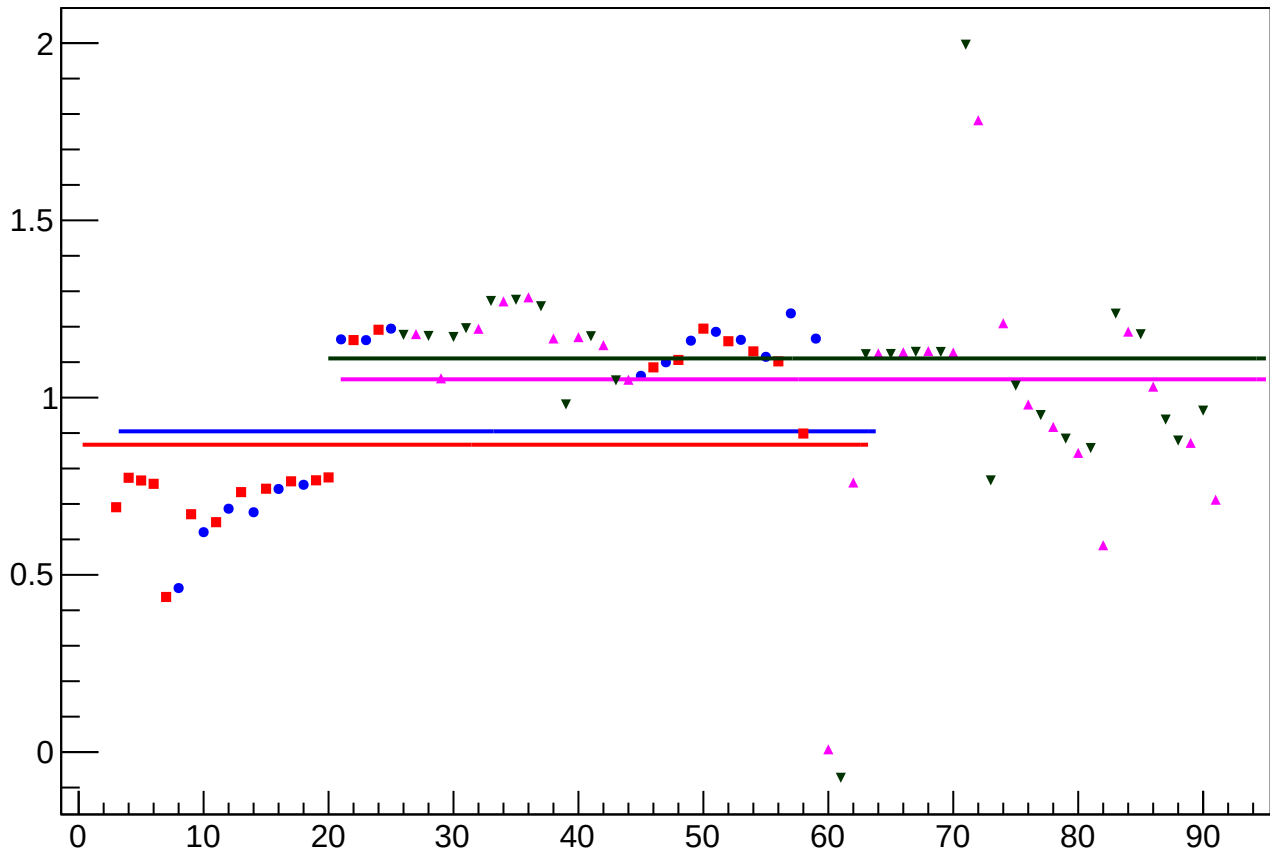
Right Out: 0.015+/-0.000 χ^2/NDF : 5029147.1/21

Left In: 0.065+/-0.000 χ^2/NDF : 4194520.8/24

0.031+/-0.000 χ^2/NDF : 13371575.1/43

0.019+/-0.000 χ^2/NDF : 19127020.1/46

yield_bpm11X_mean vs slug



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

Left Out: 1.111 $\pm$ 0.000 χ^2/NDF : 2210607431.5/25

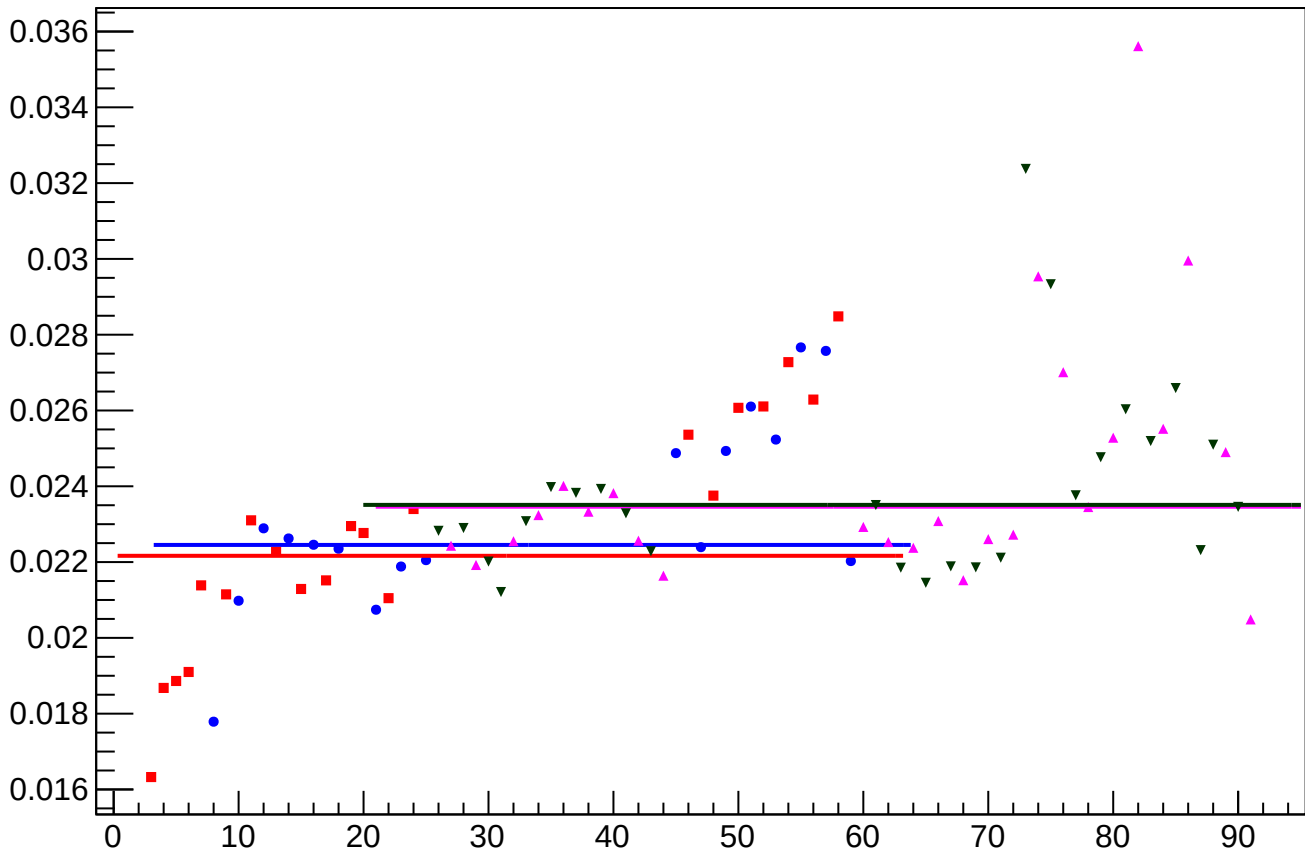
Right Out: 0.867 $\pm$ 0.000 χ^2/NDF : 872598250.7/20

Left In: 1.052 $\pm$ 0.000 χ^2/NDF : 2067102371.8/24

1.014 $\pm$ 0.000 χ^2/NDF : 4150209874.3/42

0.969 $\pm$ 0.000 χ^2/NDF : 3300531687.4/45

yield_bpm11X_rms vs slug



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

Left Out: 0.024+/-0.000 χ^2/NDF :191800.0/25

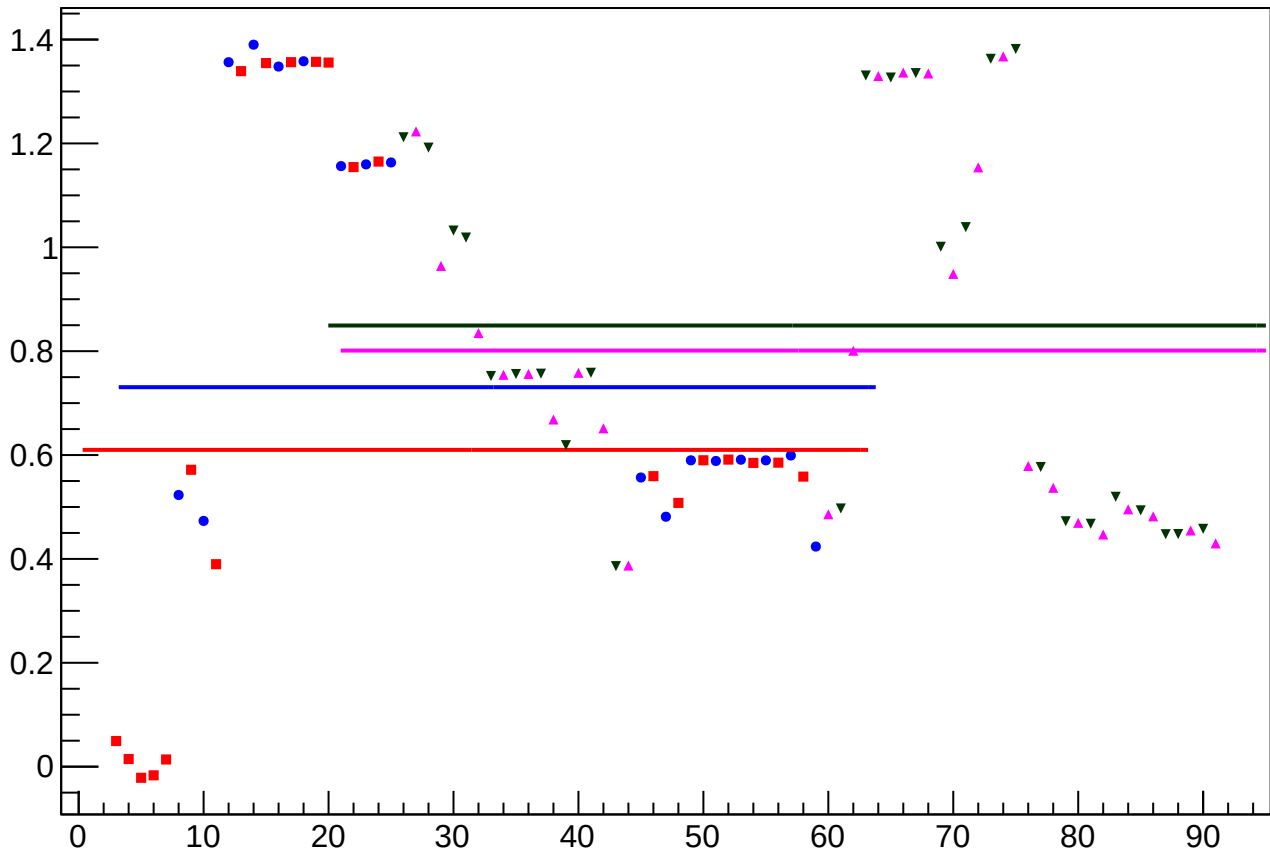
Right Out: 0.022+/-0.000 χ^2/NDF : 335650.2/20

Left In: 0.023+/-0.000 χ^2/NDF :277706.5/24

0.023+/-0.000 χ^2/NDF : 471030.2/42

0.023+/-0.000 χ^2/NDF : 648955.9/45

yield_bpm11Y_mean vs slug



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

Left Out: 0.849+/-0.000 χ^2/NDF : 130215811541.4/25

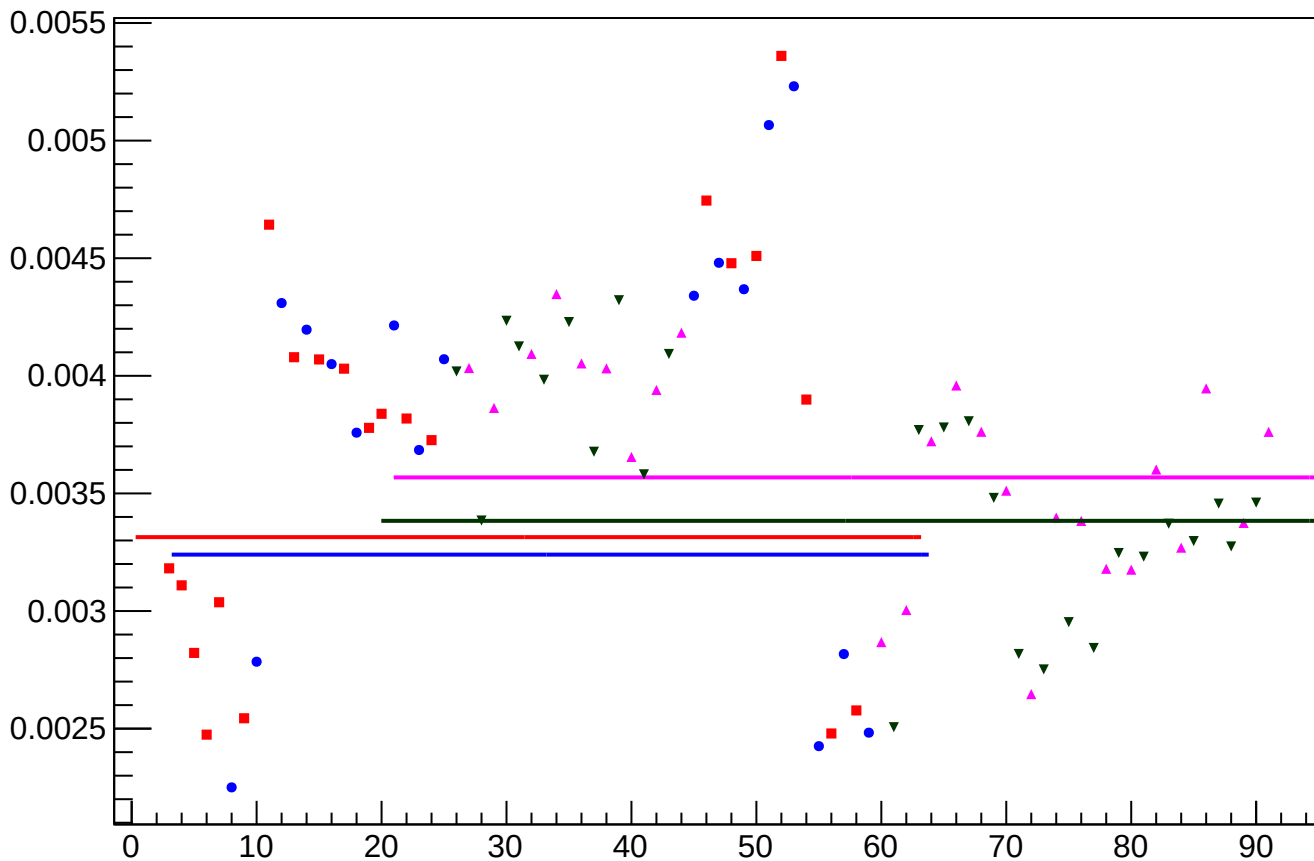
0.795+/-0.000 χ^2/NDF : 246805926317.8/42

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

0.716+/-0.000 χ^2/NDF : 295517029636.6/45

Left In: 0.801+/-0.000 χ^2/NDF : 105467468702.0/24

yield_bpm11Y_rms vs slug



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

Left Out: 0.003+/-0.000 χ^2/NDF : 504212.6/25

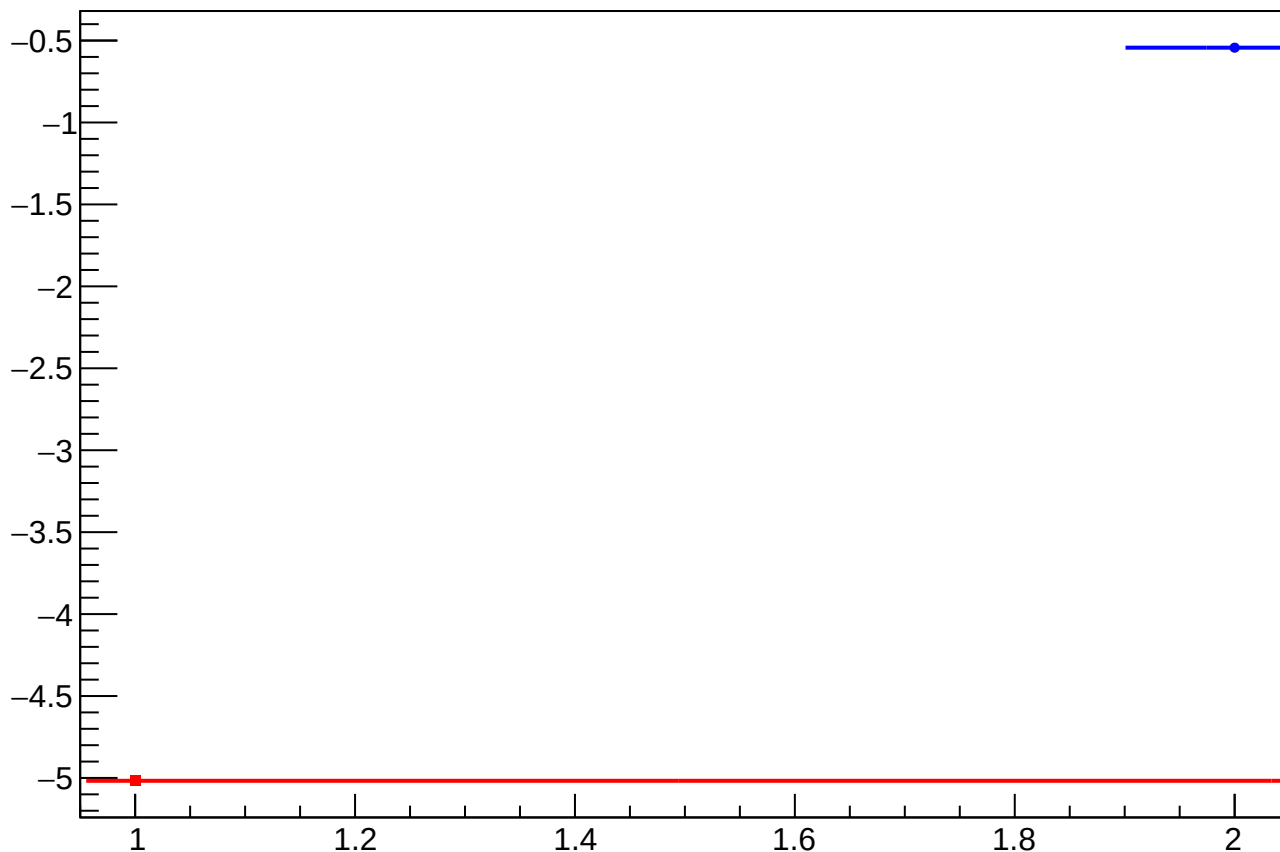
Right Out: 0.003+/-0.000 χ^2/NDF : 1100159.0/20

Left In: 0.004+/-0.000 χ^2/NDF : 405605.3/24

0.003+/-0.000 χ^2/NDF : 2004445.5/42

0.003+/-0.000 χ^2/NDF : 1564001.9/45

yield_bpm14X_mean vs slug



Right In: -0.544+/-0.000 χ^2/NDF : 0.0/0

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

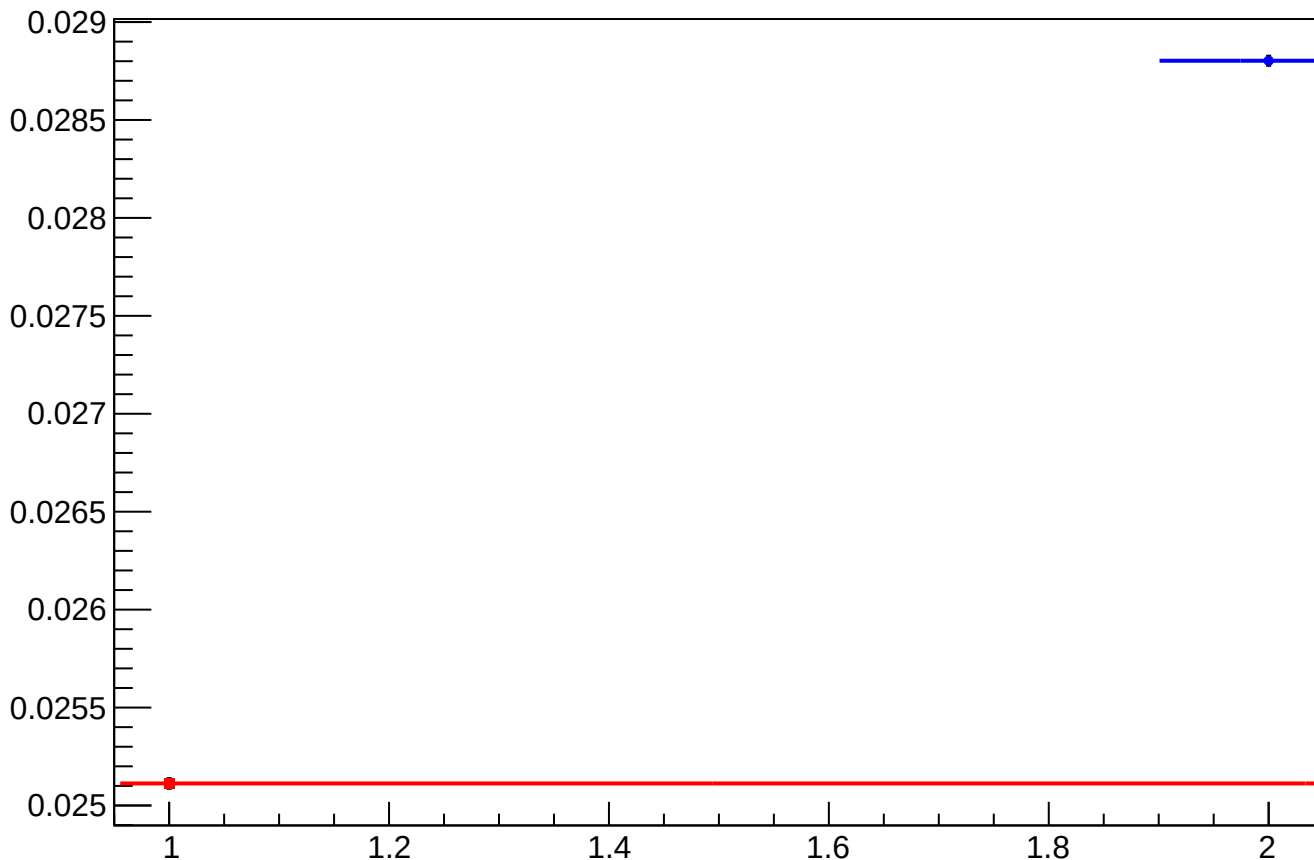
Right Out: -5.017+/-0.000 χ^2/NDF : 0.0/0

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

-0.544+/-0.000 χ^2/NDF : 0.0/0

-5.017+/-0.000 χ^2/NDF : 0.0/0

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

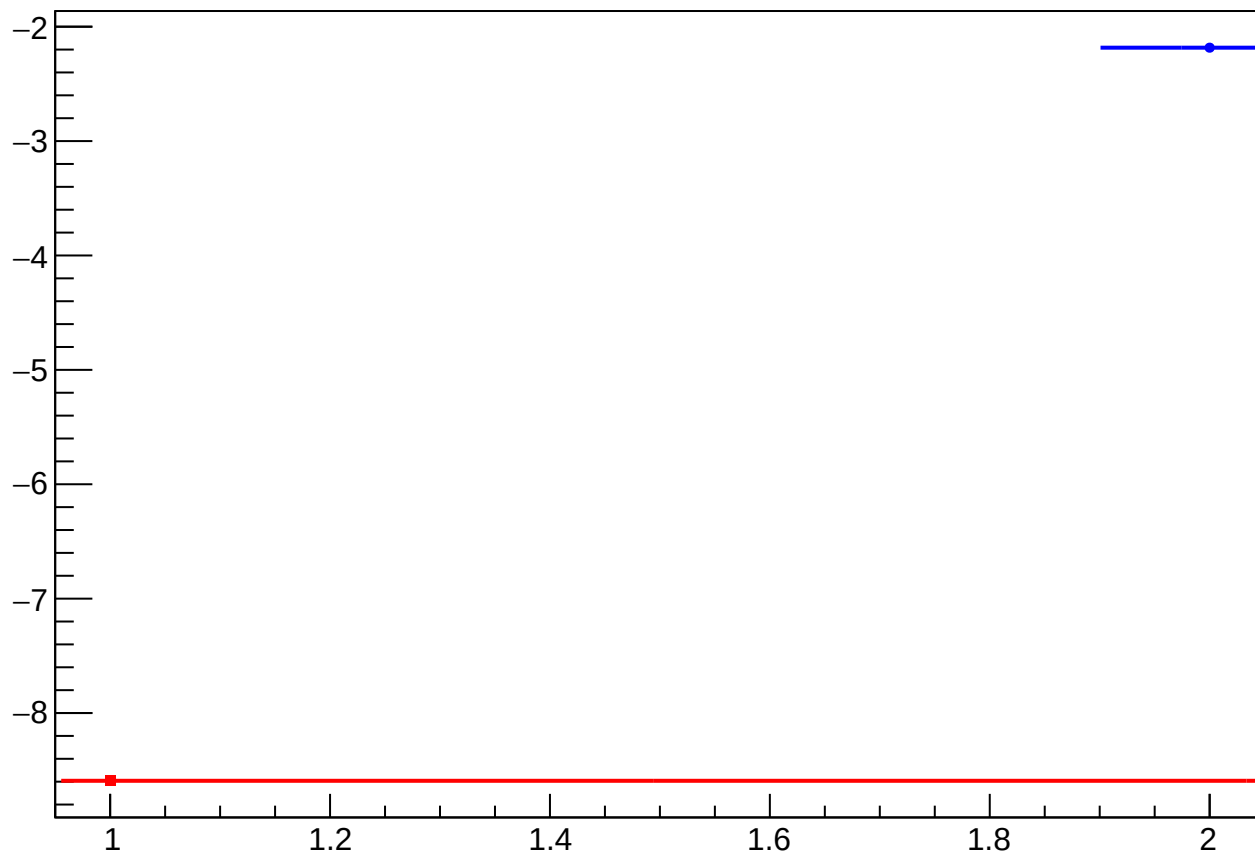
Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.029+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 0.0/0

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

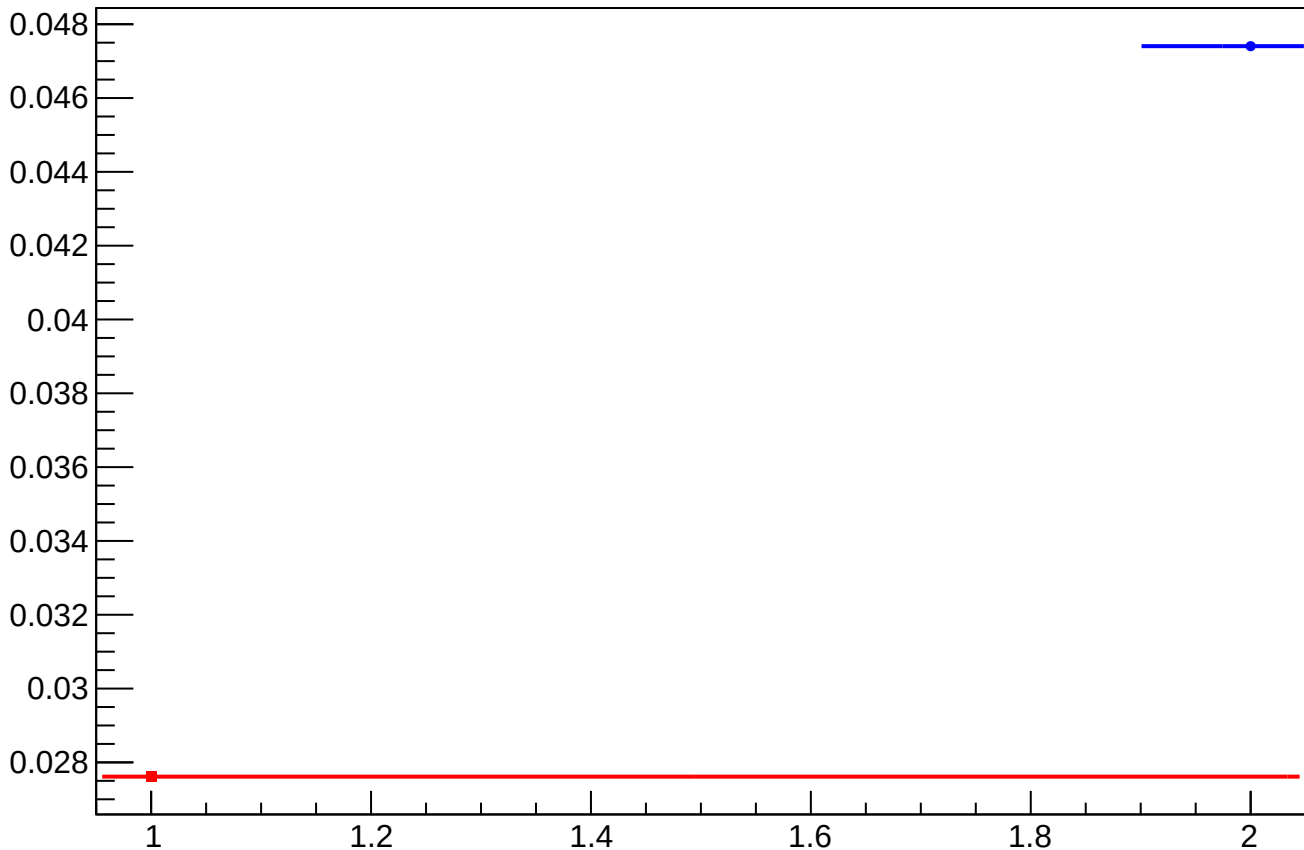
Right Out: -8.592+/-0.000 χ^2/NDF : 0.0/0

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

-2.183+/-0.000 χ^2/NDF : 0.0/0

-8.592+/-0.000 χ^2/NDF : 0.0/0

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

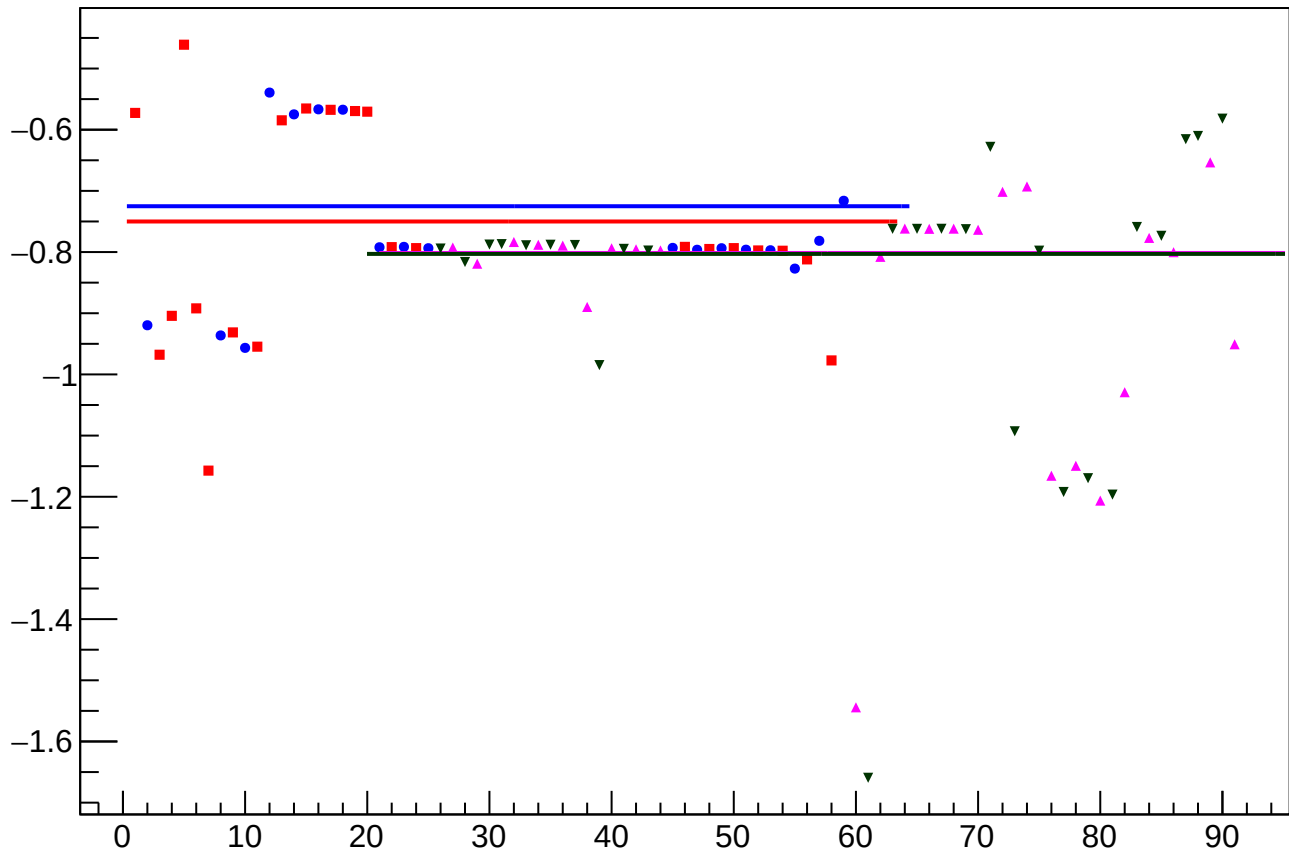
Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.047+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs slug



Right In: -0.725 ± 0.000 χ^2/NDF : 2135875986.8/17

Left Out: -0.803 ± 0.000 χ^2/NDF : 1206339244.2/25

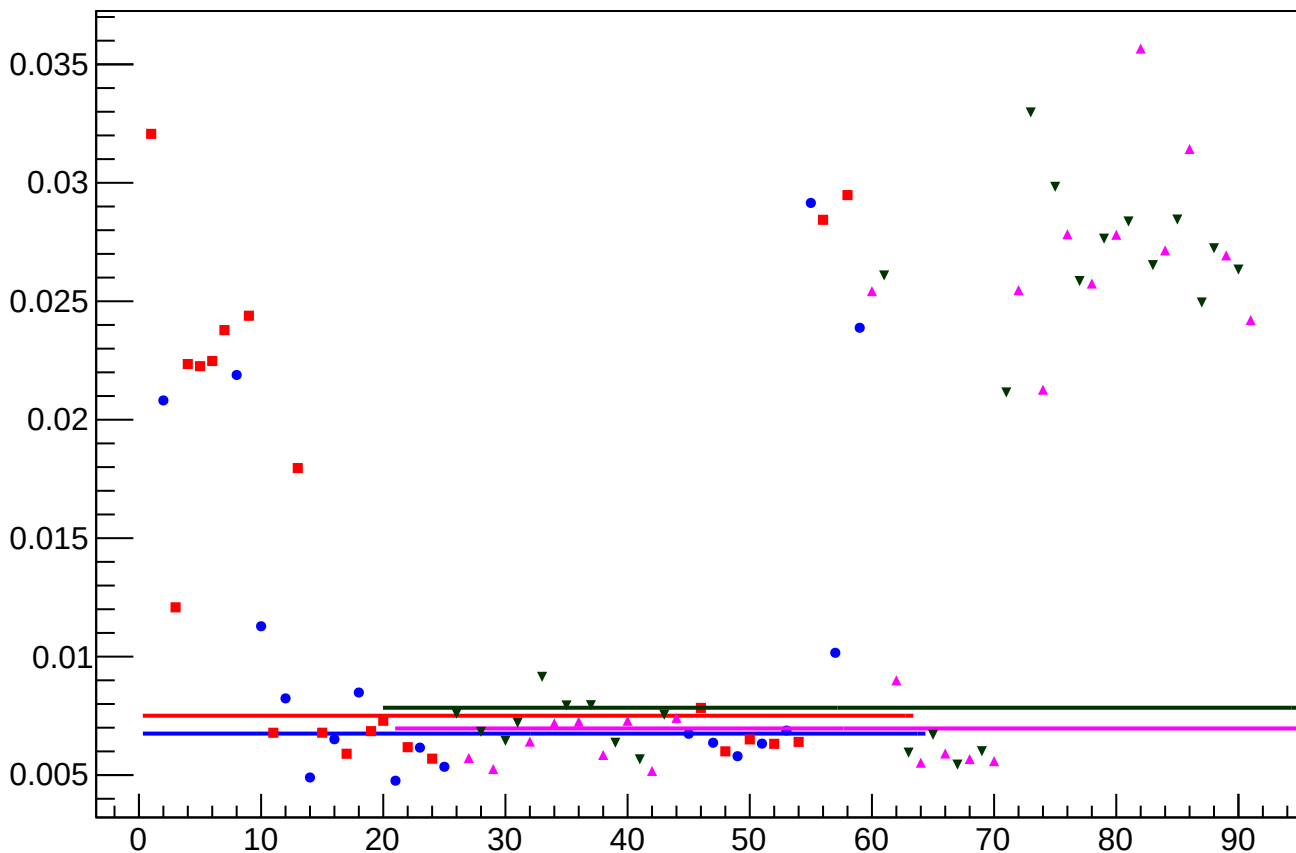
Right Out: -0.750 ± 0.000 χ^2/NDF : 2018513601.9/21

Left In: -0.802 ± 0.000 χ^2/NDF : 982121849.0/24

-0.760 ± 0.000 χ^2/NDF : 3764372676.7/43

-0.780 ± 0.000 χ^2/NDF : 3179982519.3/46

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 3666855.7/17

Left Out: 0.008+/-0.000 χ^2/NDF :5975171.5/25

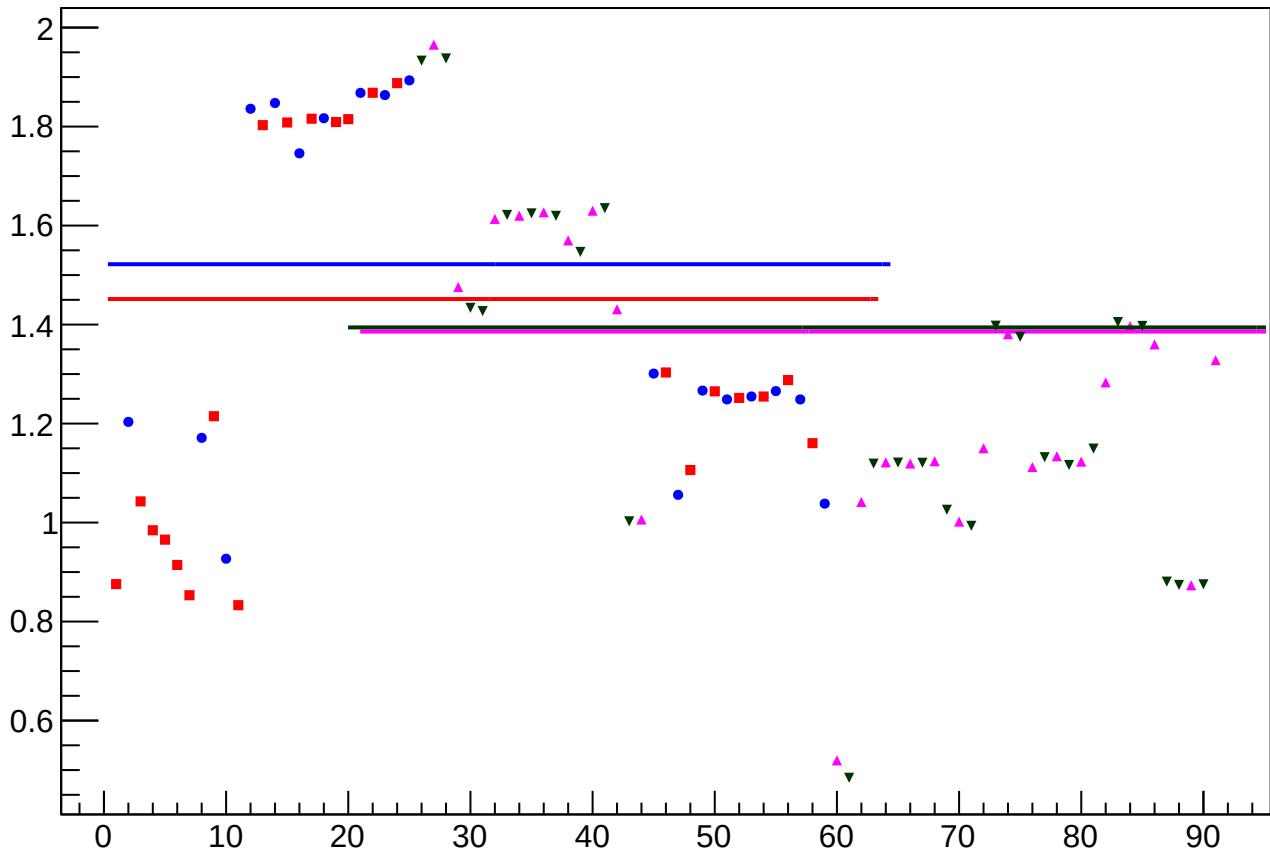
Right Out: 0.008+/-0.000 χ^2/NDF : 4196276.3/21

Left In: 0.007+/-0.000 χ^2/NDF :6343492.7/24

0.007+/-0.000 χ^2/NDF : 9807502.5/43

0.007+/-0.000 χ^2/NDF : 10578777.2/46

yield_bpm12Y_mean vs slug



Right In: 1.522 $\pm$ 0.000 χ^2 /NDF: 20796999957.5/17

Left Out: 1.394 $\pm$ 0.000 χ^2 /NDF:19664321048.3/25

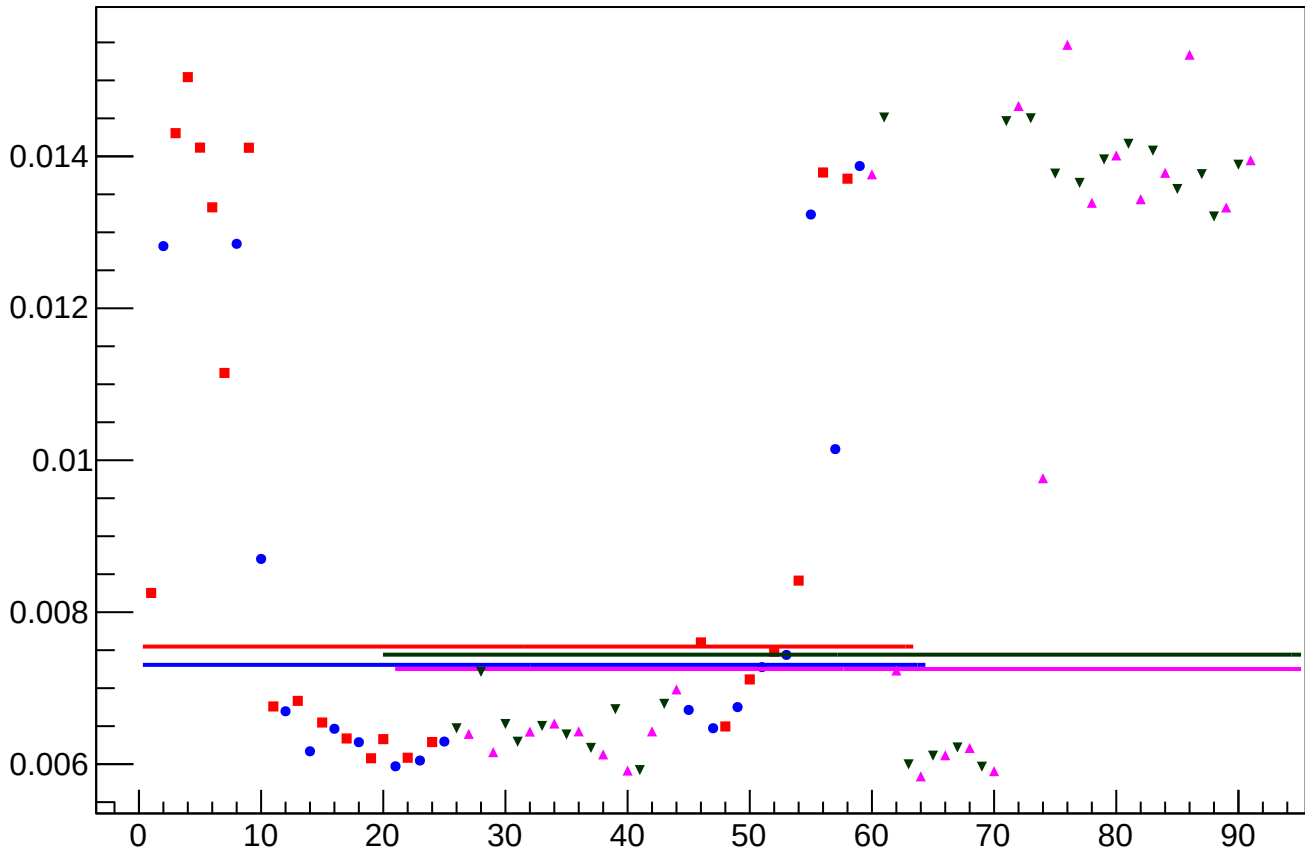
1.457 $\pm$ 0.000 χ^2 /NDF: 41990328199.9/43

Right Out: 1.452 $\pm$ 0.000 χ^2 /NDF: 24114686590.9/21

1.413 $\pm$ 0.000 χ^2 /NDF: 45176532394.5/46

Left In: 1.386 $\pm$ 0.000 χ^2 /NDF:20667717160.8/24

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1523008.8/17

Left Out: 0.007+/-0.000 χ^2/NDF : 2746110.8/25

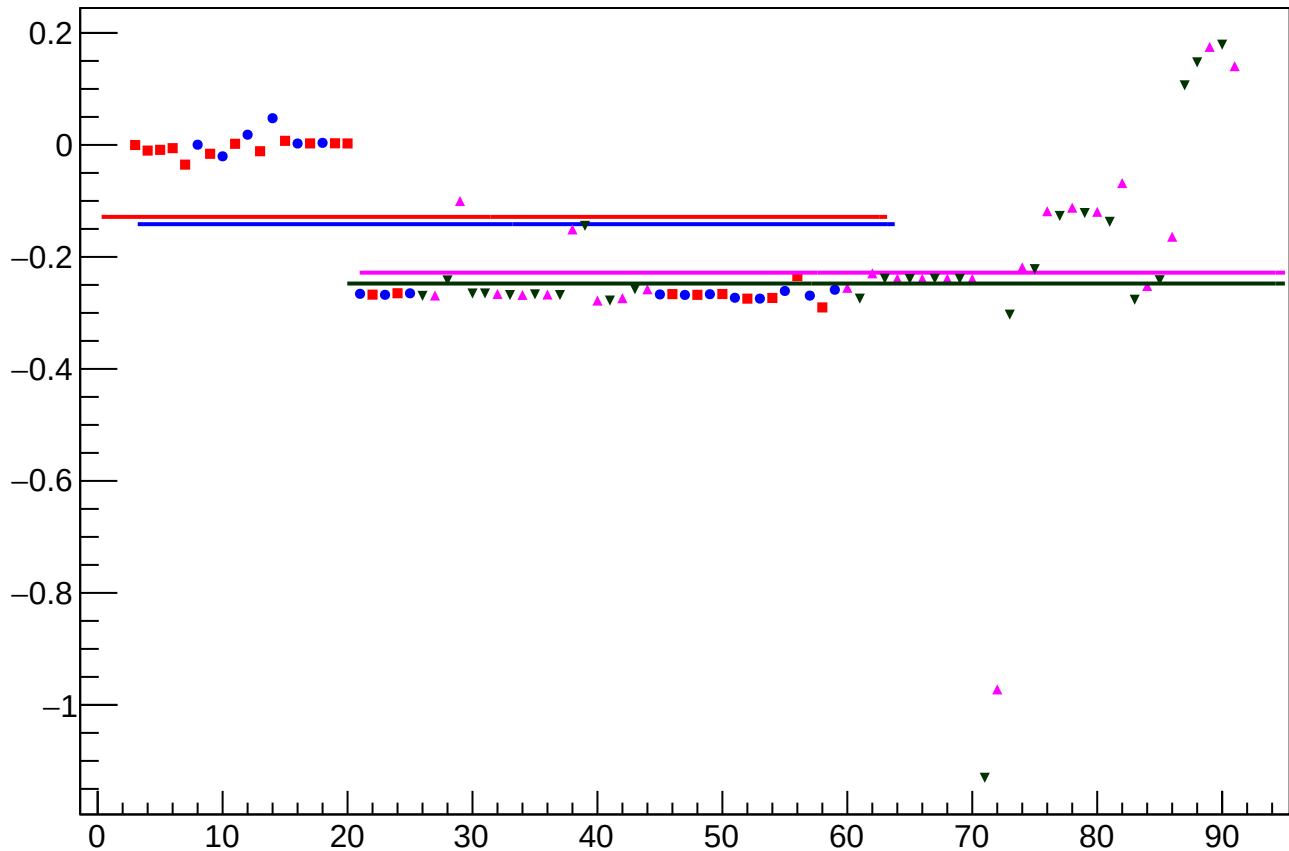
Right Out: 0.008+/-0.000 χ^2/NDF : 1647671.1/21

Left In: 0.007+/-0.000 χ^2/NDF : 2772193.0/24

0.007+/-0.000 χ^2/NDF : 4272490.0/43

0.007+/-0.000 χ^2/NDF : 4435751.3/46

yield_bpm16X_mean vs slug



Right In: -0.142 $\pm$ 0.000 χ^2/NDF : 7084984076.1/16

Left Out: -0.248 $\pm$ 0.000 χ^2/NDF : 8240614126.3/25

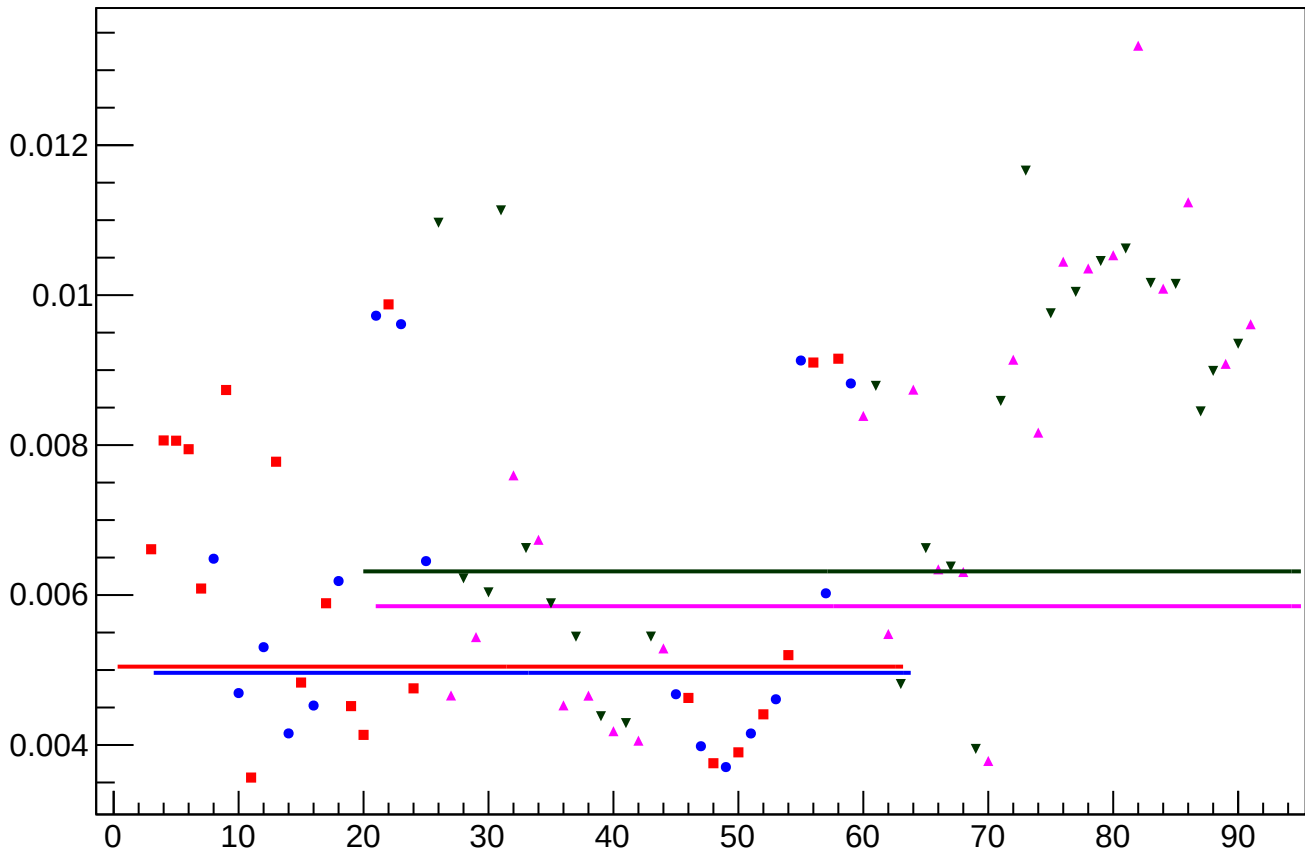
Right Out: -0.128 $\pm$ 0.000 χ^2/NDF : 5738299455.5/20

Left In: -0.228 $\pm$ 0.000 χ^2/NDF : 5406602959.2/24

-0.187 $\pm$ 0.000 χ^2/NDF : 17041700988.7/42

-0.179 $\pm$ 0.000 χ^2/NDF : 12755346581.3/45

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 : 2565780.8/25

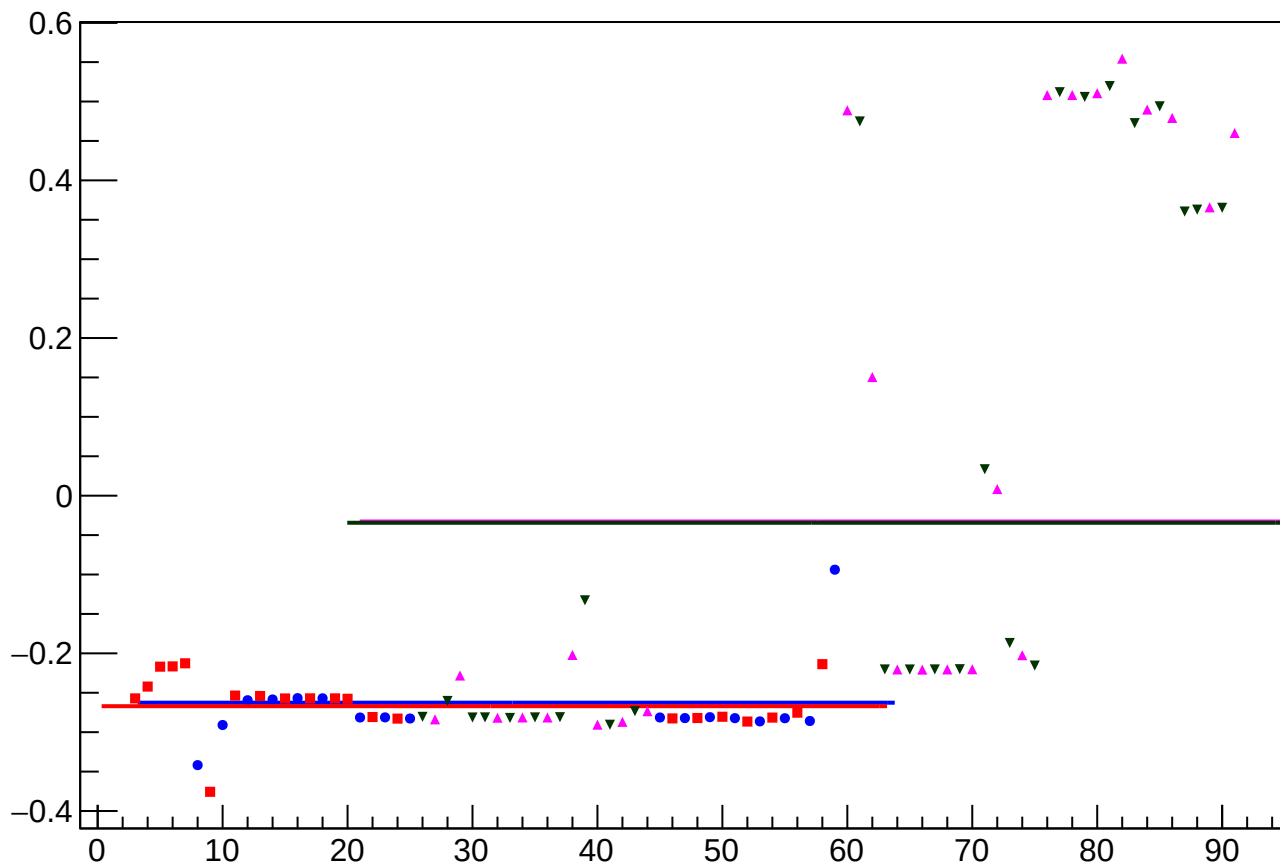
Right Out: 0.005+/-0.000 χ^2/NDF : 1811282.8/20

Left In: 0.006+/-0.000 χ^2/NDF : 2906947.1/24

0.006+/-0.000 χ^2/NDF : 4663028.5/42

0.005+/-0.000 χ^2/NDF : 4929071.5/45

yield_bpm16Y_mean vs slug



Right In: -0.263 ± 0.000 χ^2/NDF : 6965076435.7/16

Left Out: -0.034 ± 0.000 χ^2/NDF : 154622251301.5/25

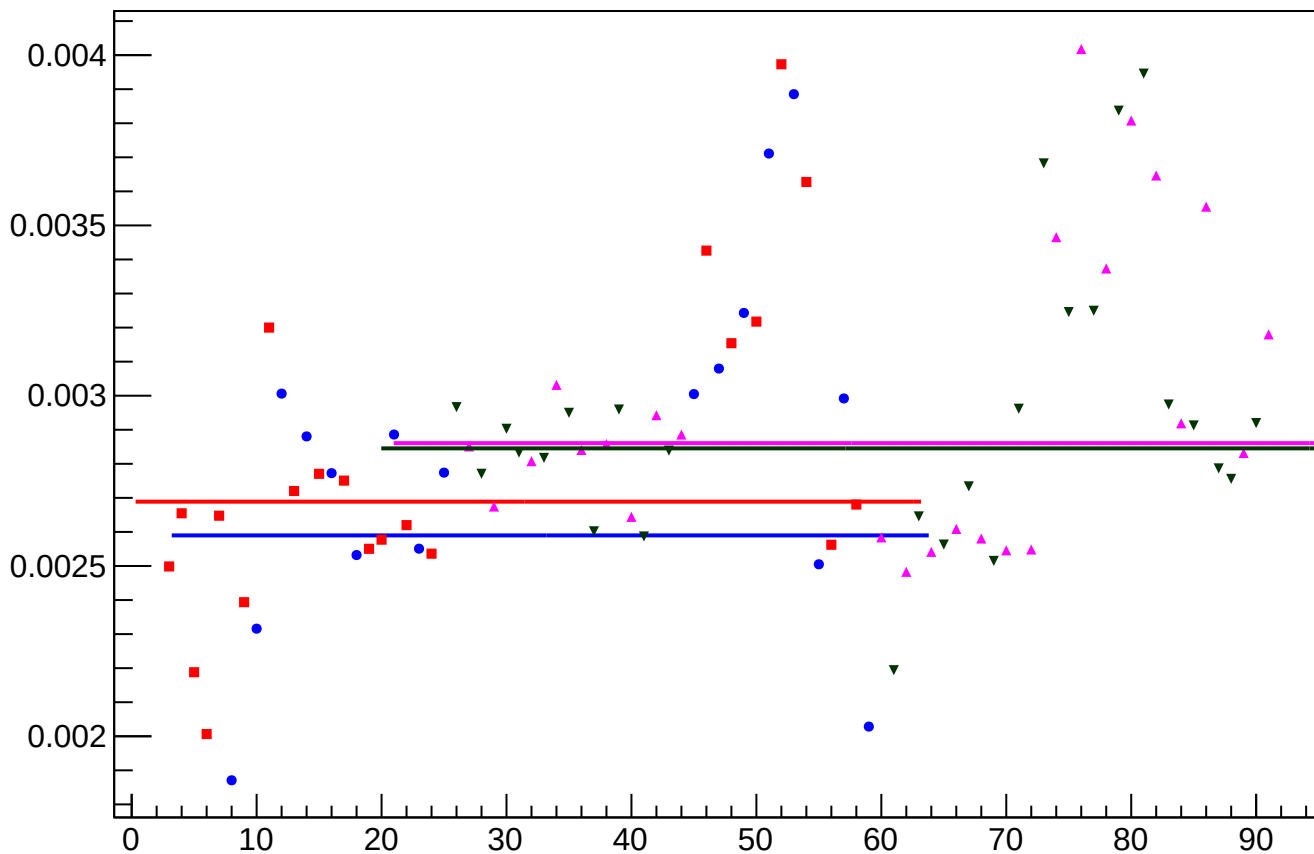
Right Out: -0.267 ± 0.000 χ^2/NDF : 2301420018.6/20

Left In: -0.033 ± 0.000 χ^2/NDF : 161240791094.5/24

-0.147 ± 0.000 χ^2/NDF : 200105083237.0/42

-0.138 ± 0.000 χ^2/NDF : 202611589583.0/45

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 : 365754.9/25

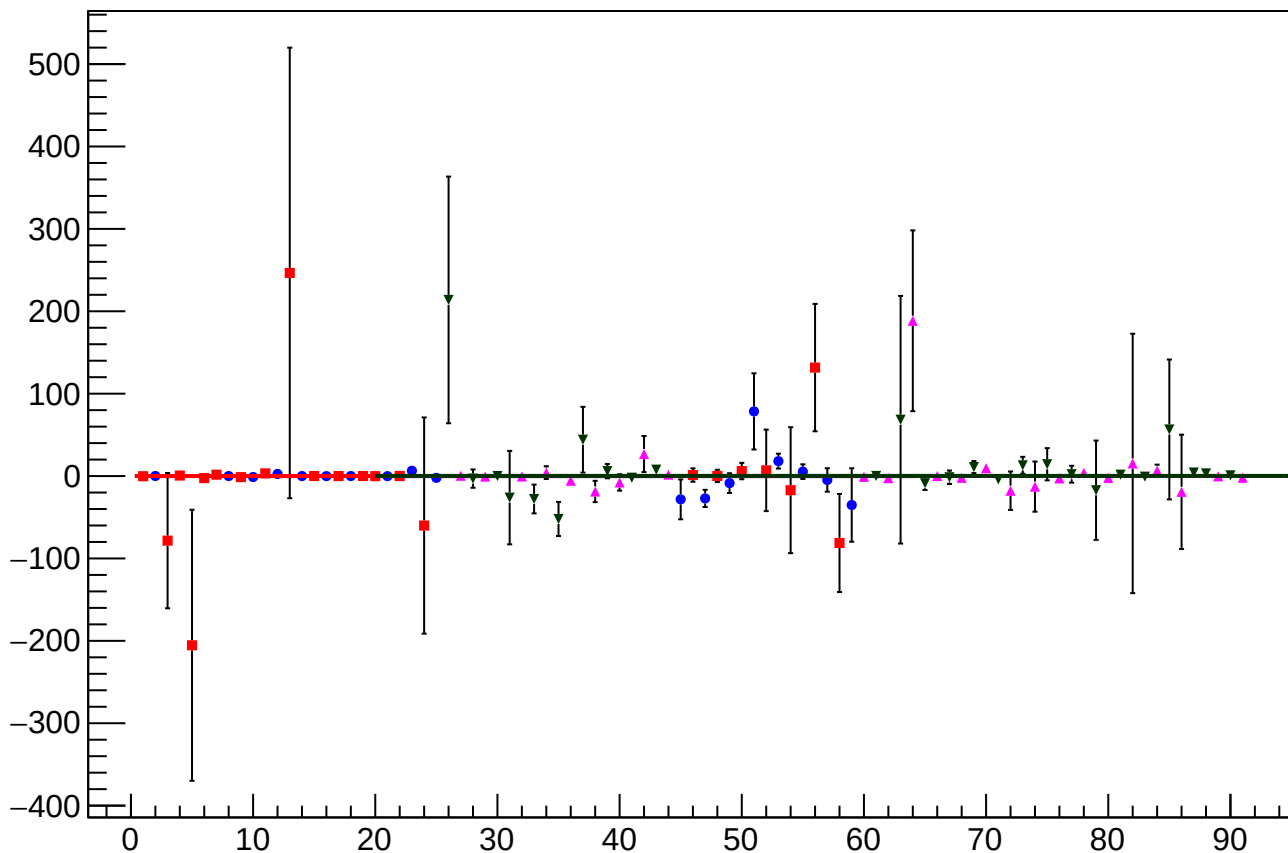
Right Out: 0.003+/-0.000 χ^2/NDF : 472887.9/20

Left In: 0.003+/-0.000 χ^2/NDF : 409081.0/24

0.003+/-0.000 χ^2/NDF : 1224267.1/42

0.003+/-0.000 χ^2/NDF : 924001.7/45

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 34.5/17

Left Out: 0.194 ± 0.844 χ^2/NDF : 26.1/25

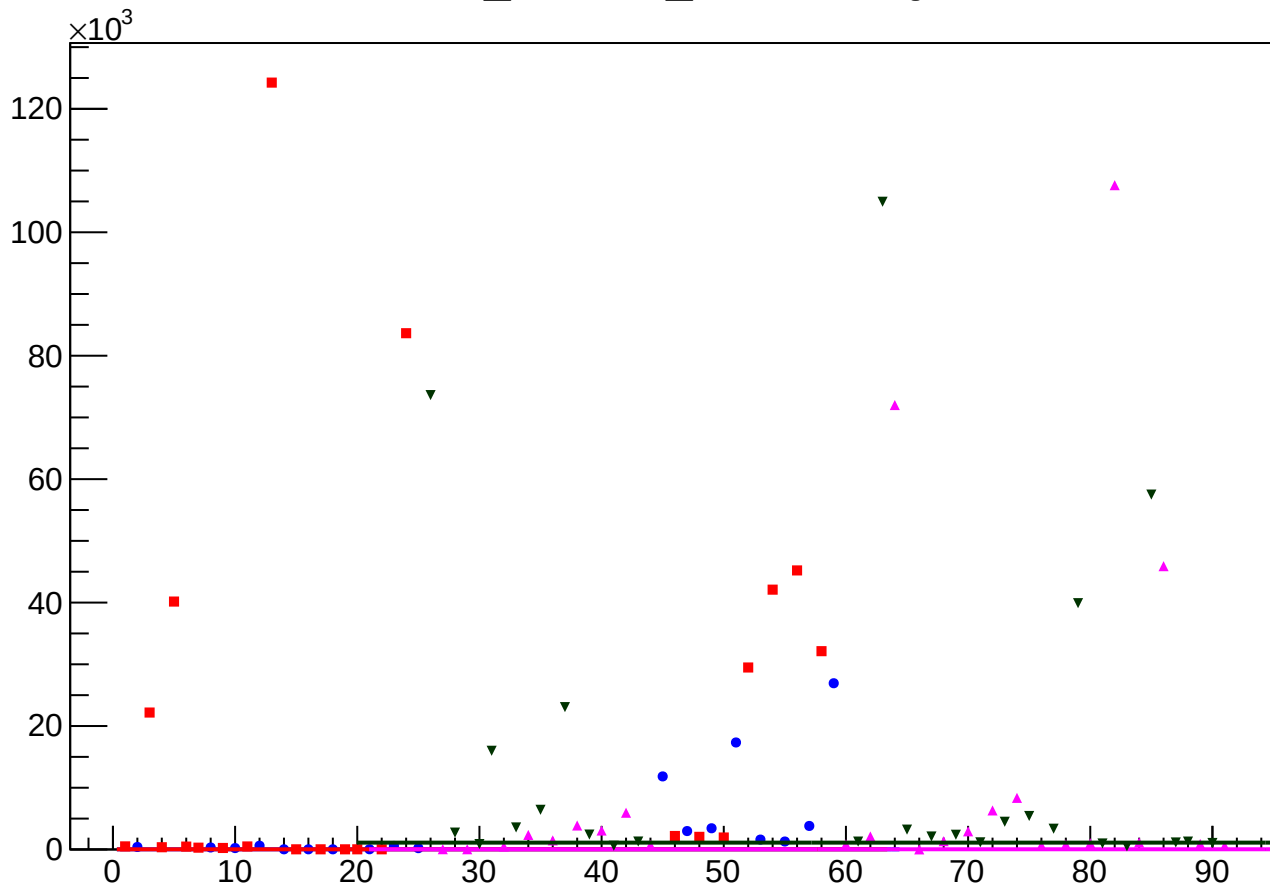
Right Out: 0.019 ± 0.017 χ^2/NDF : 27.2/21

Left In: 0.059 ± 0.073 χ^2/NDF : 35.1/24

-0.008 ± 0.015 χ^2/NDF : 60.7/43

0.021 ± 0.016 χ^2/NDF : 62.6/46

diff_cav4bX_rms vs slug



Right In: 22.489+/-0.011 χ^2/NDF : 2816257.0/17

Left Out: 1106.643+/-0.597 χ^2/NDF : 5077062.9/25

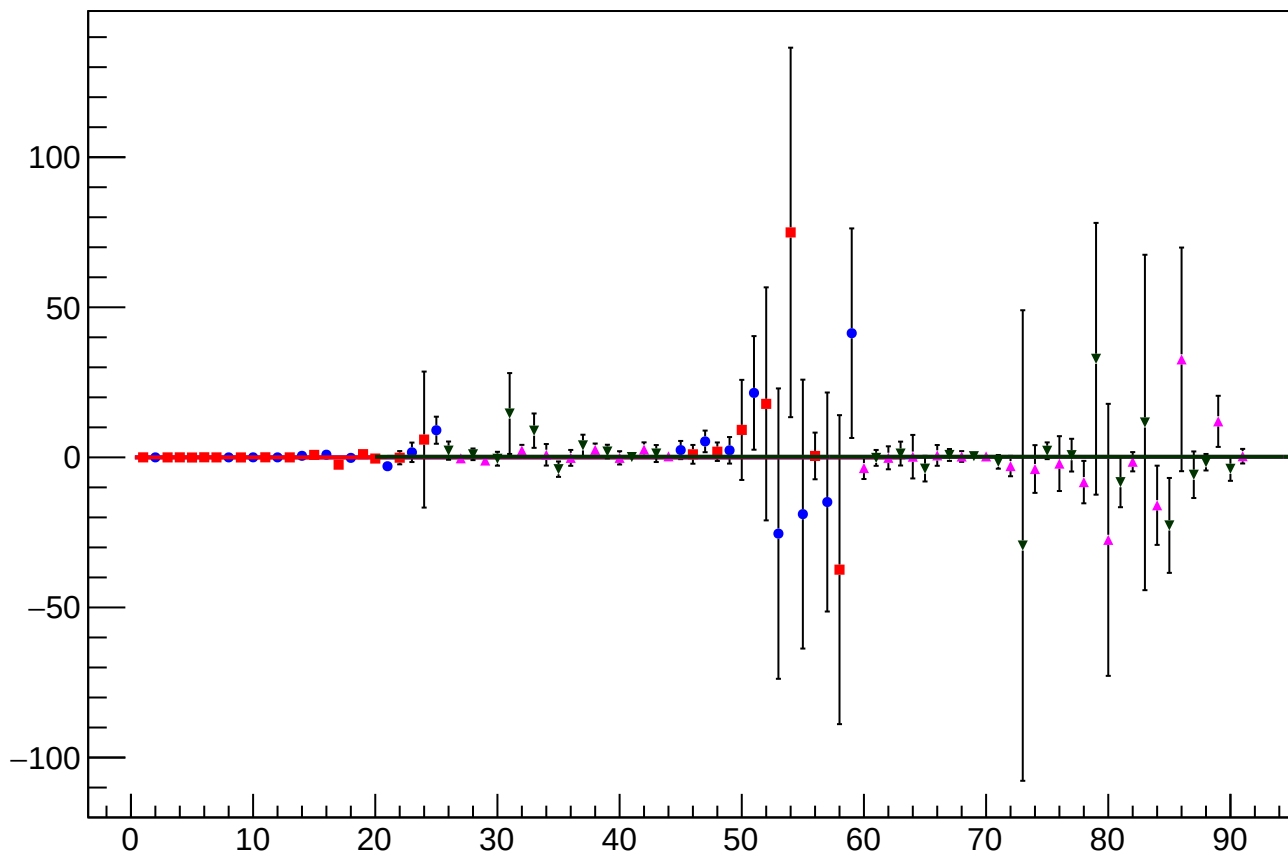
Right Out: 22.899+/-0.012 χ^2/NDF : 5034220.9/21

Left In: 30.481+/-0.051 χ^2/NDF : 8326182.8/24

22.840+/-0.011 χ^2/NDF : 11190252.1/43

23.279+/-0.011 χ^2/NDF : 13381139.0/46

diff_cav4bY_mean vs slug



Right In: 0.000 $\pm$ 0.006 χ^2 /NDF: 22.7/17

Left Out: 0.197 $\pm$ 0.564 χ^2 /NDF:16.6/25

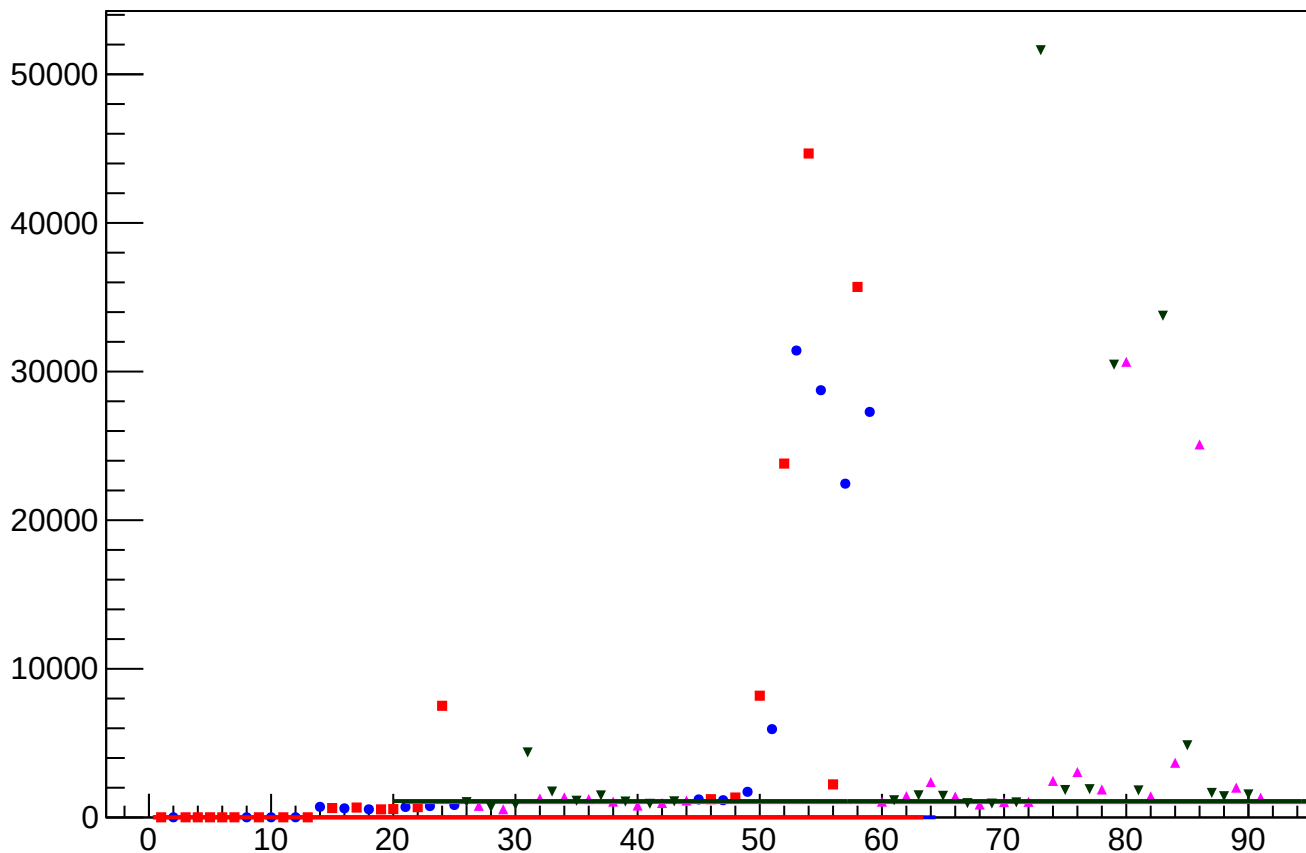
Right Out: 0.002 $\pm$ 0.005 χ^2 /NDF: 20.4/21

Left In: 0.175 $\pm$ 0.507 χ^2 /NDF:13.1/24

0.000 $\pm$ 0.006 χ^2 /NDF: 39.4/43

0.002 $\pm$ 0.005 χ^2 /NDF: 33.6/46

diff_cav4bY_rms vs slug



Right In: 10.611+/-0.004 χ^2/NDF : 8500570.8/17

Left Out: 1101.448+/-0.399 χ^2/NDF :3117866.7/25

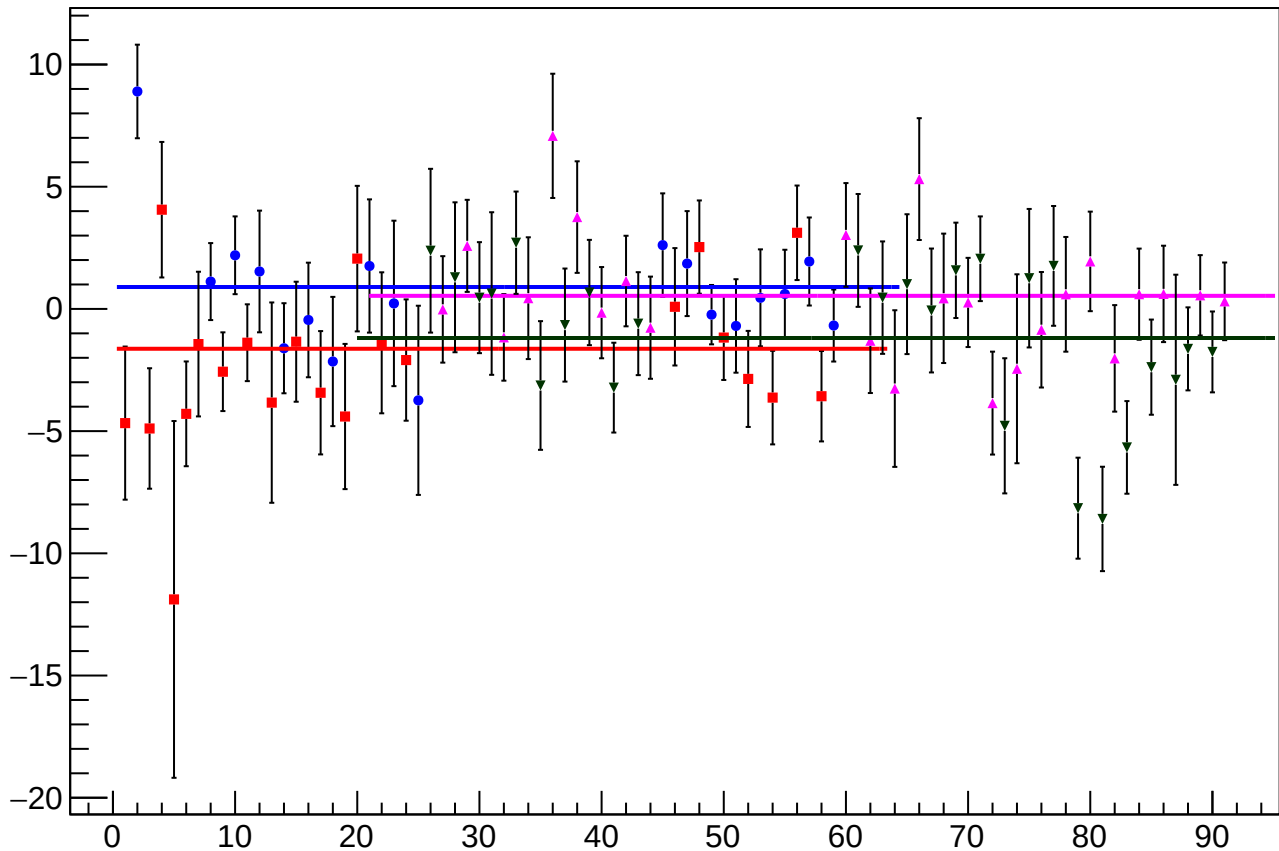
Right Out: 9.972+/-0.003 χ^2/NDF : 6677883.5/21

Left In: 1032.970+/-0.358 χ^2/NDF :2579273.5/24

10.730+/-0.004 χ^2/NDF : 19091701.0/43

10.068+/-0.003 χ^2/NDF : 17407221.8/46

diff_cav4cX_mean vs slug



Right In: 0.896 ± 0.454 $\chi^2/\text{NDF}: 27.3/17$

Left Out: -1.190 ± 0.438 $\chi^2/\text{NDF}: 51.5/25$

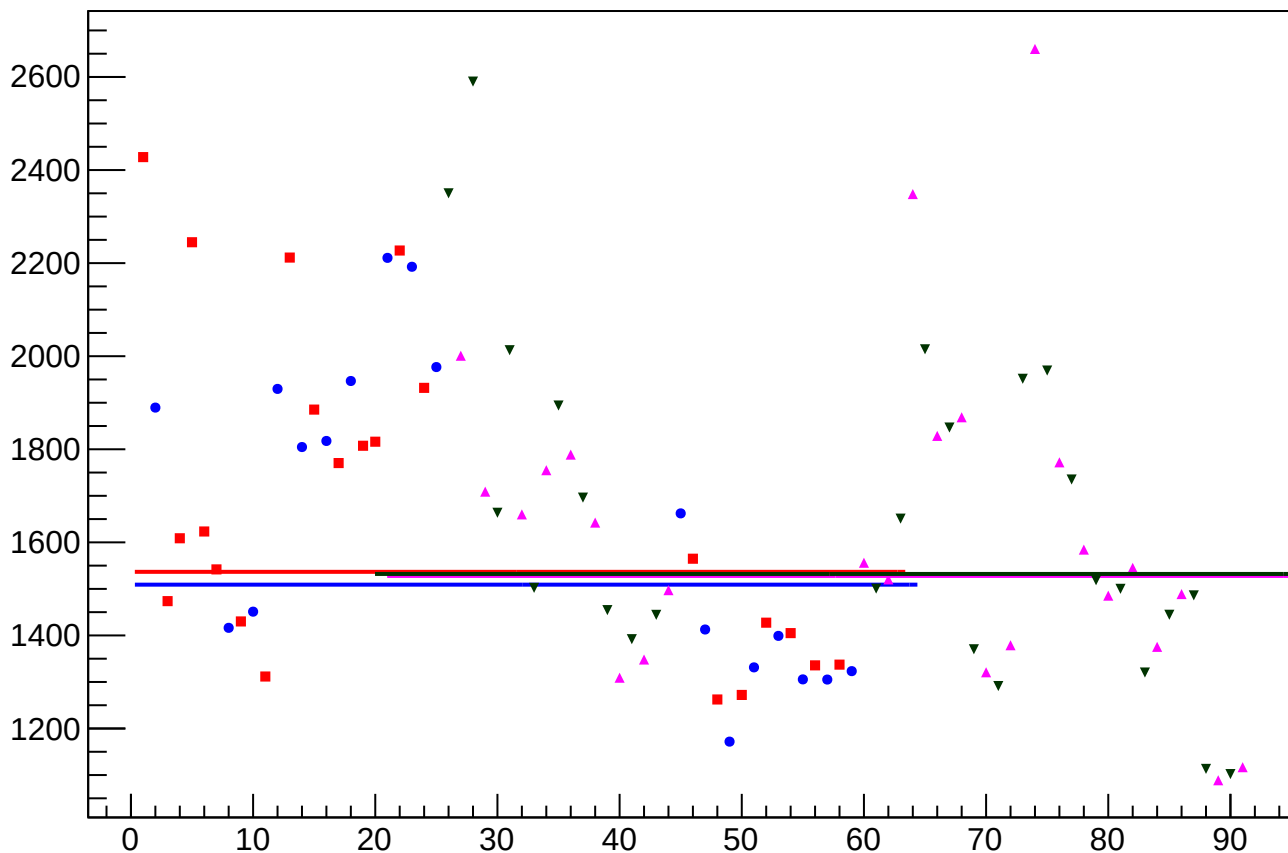
Right Out: -1.630 ± 0.482 $\chi^2/\text{NDF}: 28.0/21$

Left In: 0.536 ± 0.419 $\chi^2/\text{NDF}: 25.8/24$

-0.183 ± 0.315 $\chi^2/\text{NDF}: 89.7/43$

-0.397 ± 0.316 $\chi^2/\text{NDF}: 65.3/46$

diff_cav4cX_rms vs slug



Right In: 1509.099+/-0.321 χ^2/NDF : 804920.0/17

Left Out: 1532.113+/-0.310 χ^2/NDF : 1011396.3/25

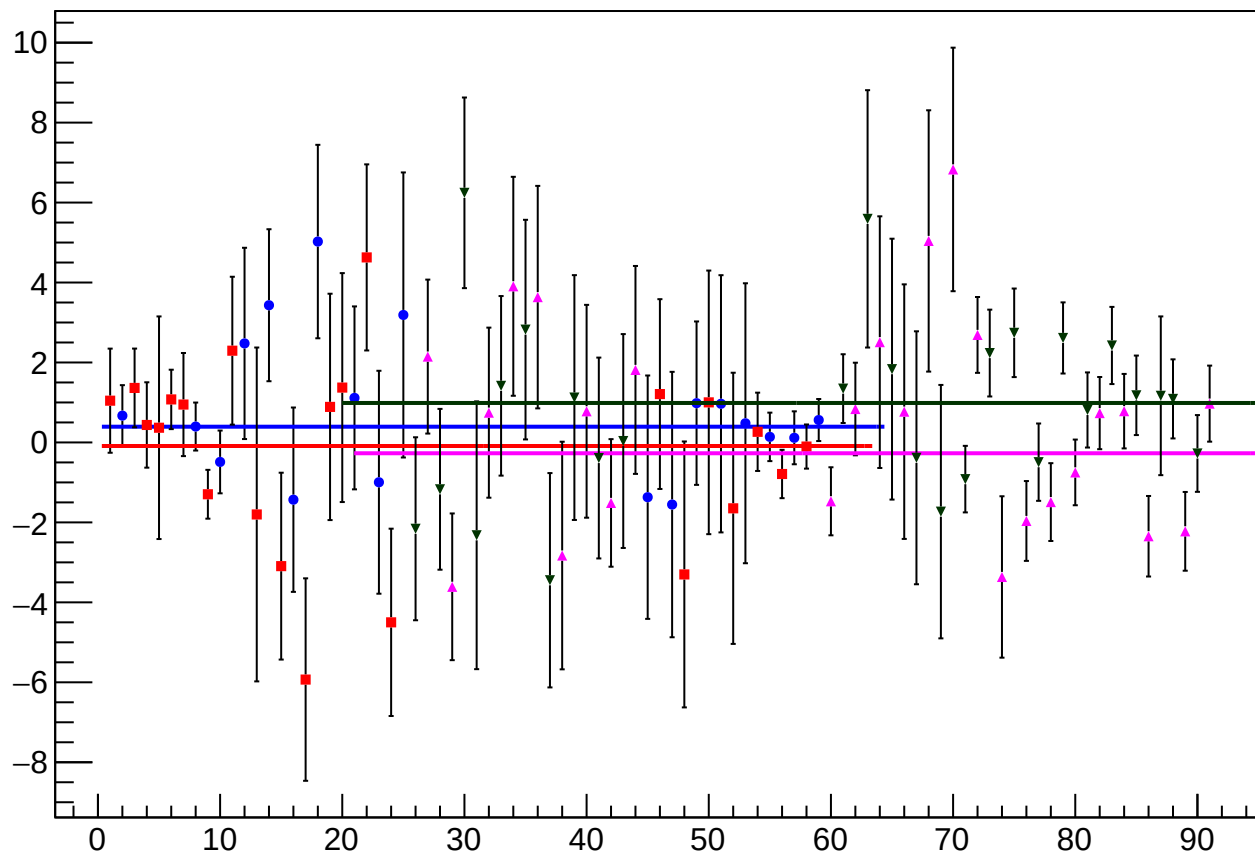
Right Out: 1536.659+/-0.341 χ^2/NDF : 696394.8/21

Left In: 1527.852+/-0.297 χ^2/NDF : 928722.7/24

1521.006+/-0.223 χ^2/NDF : 1818979.9/43

1531.646+/-0.224 χ^2/NDF : 1625497.3/46

diff_cav4cY_mean vs slug



Right In: 0.394 ± 0.246 χ^2/NDF : 11.2/17

Left Out: 0.987 ± 0.264 χ^2/NDF : 34.5/25

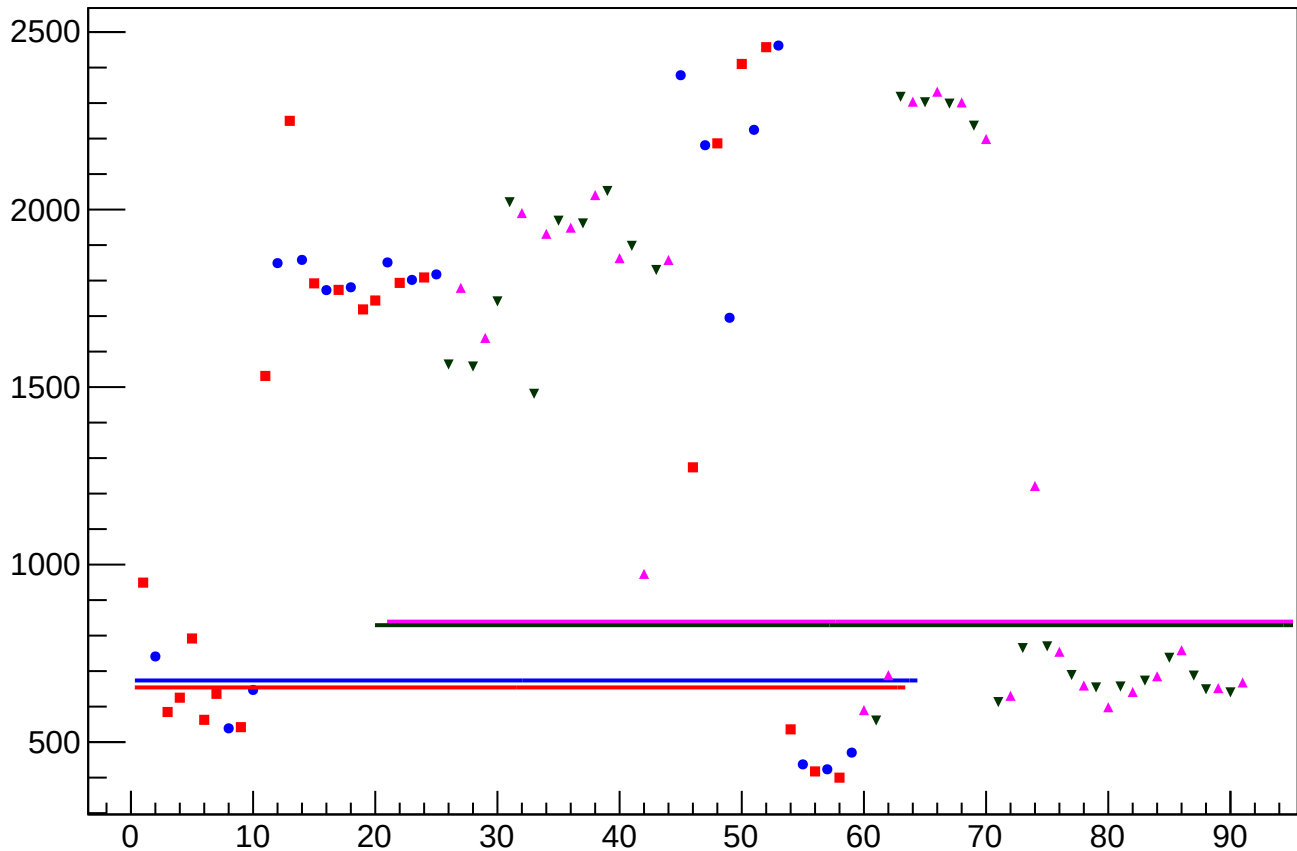
Right Out: -0.089 ± 0.246 χ^2/NDF : 30.1/21

Left In: -0.271 ± 0.260 χ^2/NDF : 52.8/24

0.669 ± 0.180 χ^2/NDF : 48.4/43

-0.175 ± 0.179 χ^2/NDF : 83.1/46

diff_cav4cY_rms vs slug



Right In: 673.639 $\pm$ 0.174 χ^2 /NDF: 6730155.3/17

Left Out: 829.371 $\pm$ 0.187 χ^2 /NDF: 5259400.7/25

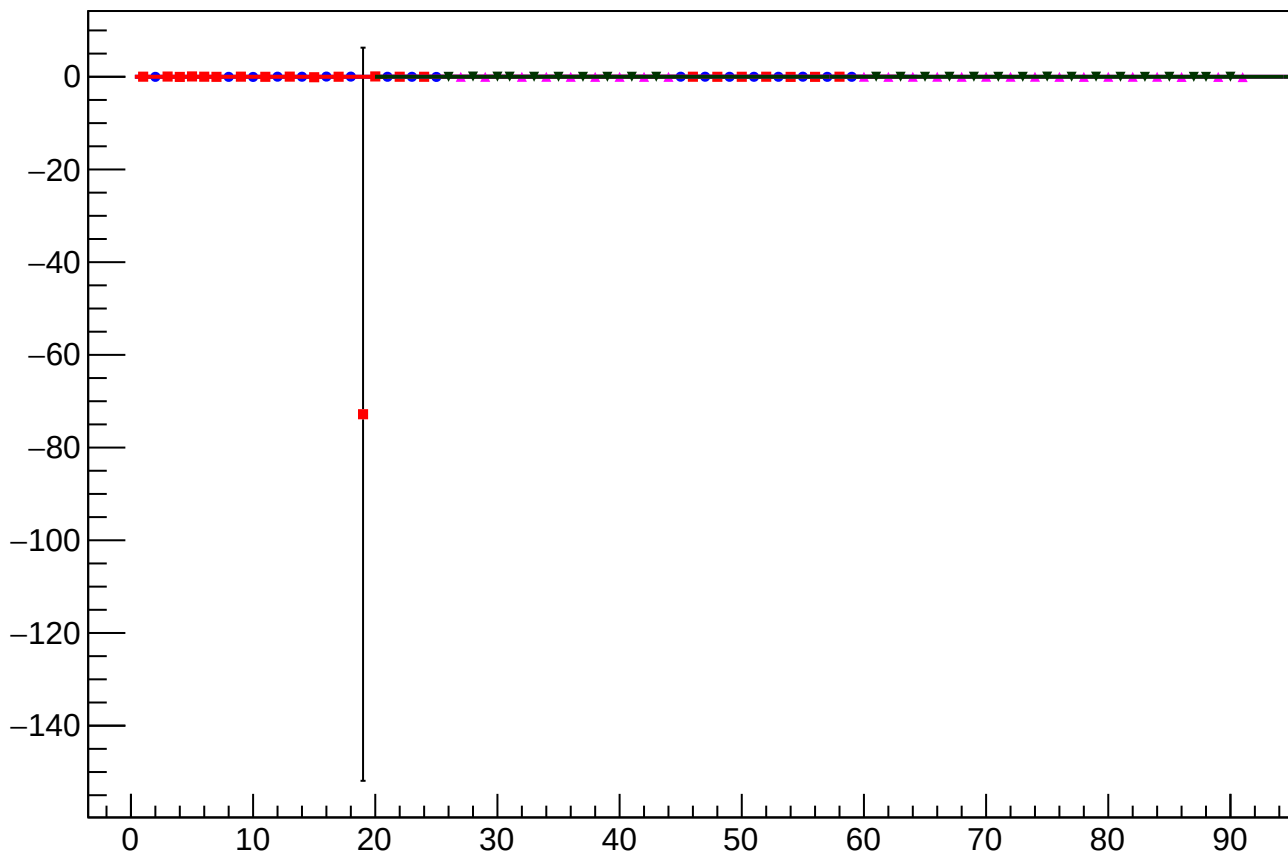
Right Out: 653.997 $\pm$ 0.174 χ^2 /NDF: 5815428.8/21

Left In: 839.365 $\pm$ 0.184 χ^2 /NDF: 5652796.2/24

745.902 $\pm$ 0.127 χ^2 /NDF: 12362305.1/43

741.506 $\pm$ 0.126 χ^2 /NDF: 12004457.5/46

diff_cav4dX_mean vs slug



Right In: -0.001 $\pm$ 0.004 χ^2 /NDF: 13.2/17

Left Out: 0.001 $\pm$ 0.003 χ^2 /NDF:22.2/25

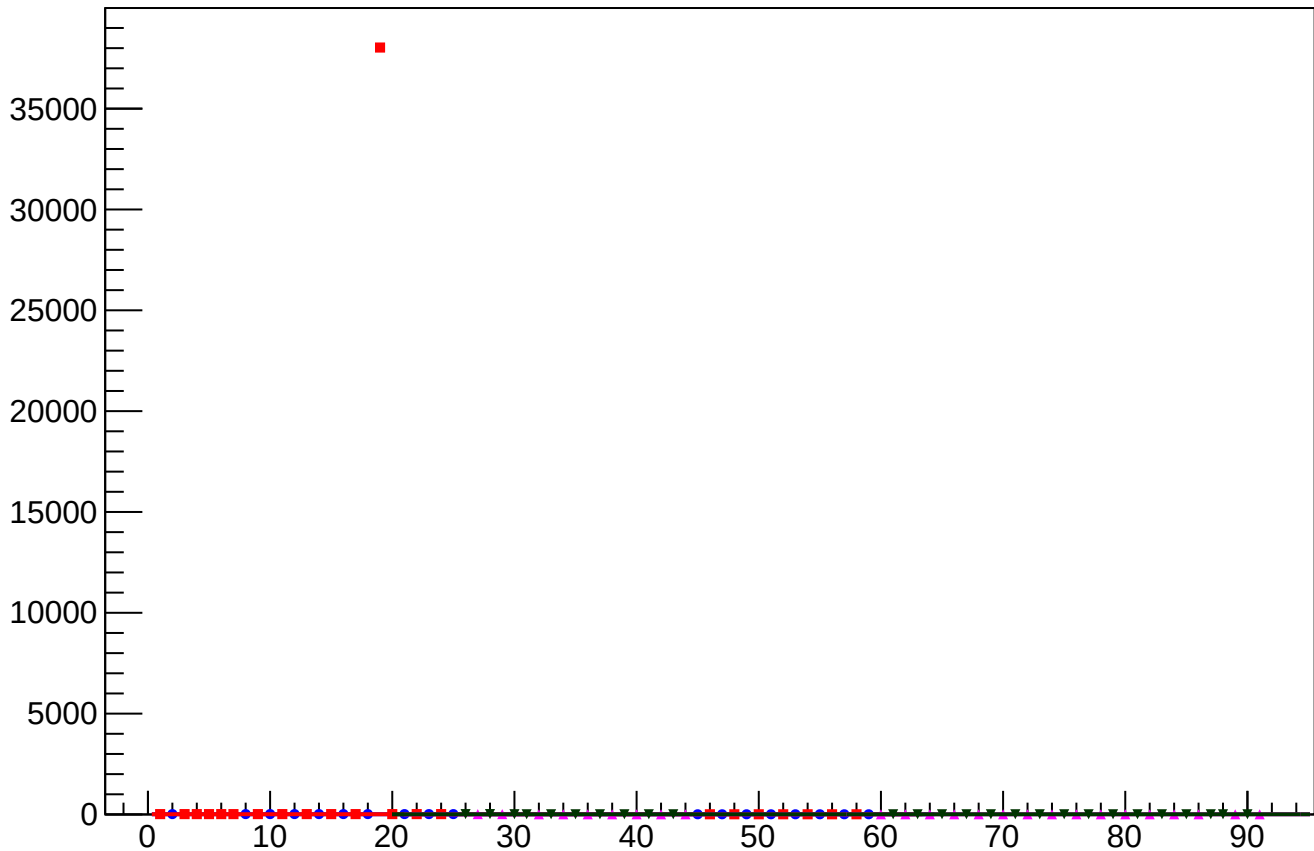
Right Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 19.1/21

Left In: 0.001 $\pm$ 0.003 χ^2 /NDF:16.4/24

0.000 $\pm$ 0.002 χ^2 /NDF: 35.6/43

0.001 $\pm$ 0.002 χ^2 /NDF: 35.6/46

diff_cav4dX_rms vs slug



Right In: 10.725+/-0.003 χ^2/NDF : 2086629.1/17

Left Out: 8.906+/-0.002 χ^2/NDF : 629761.3/25

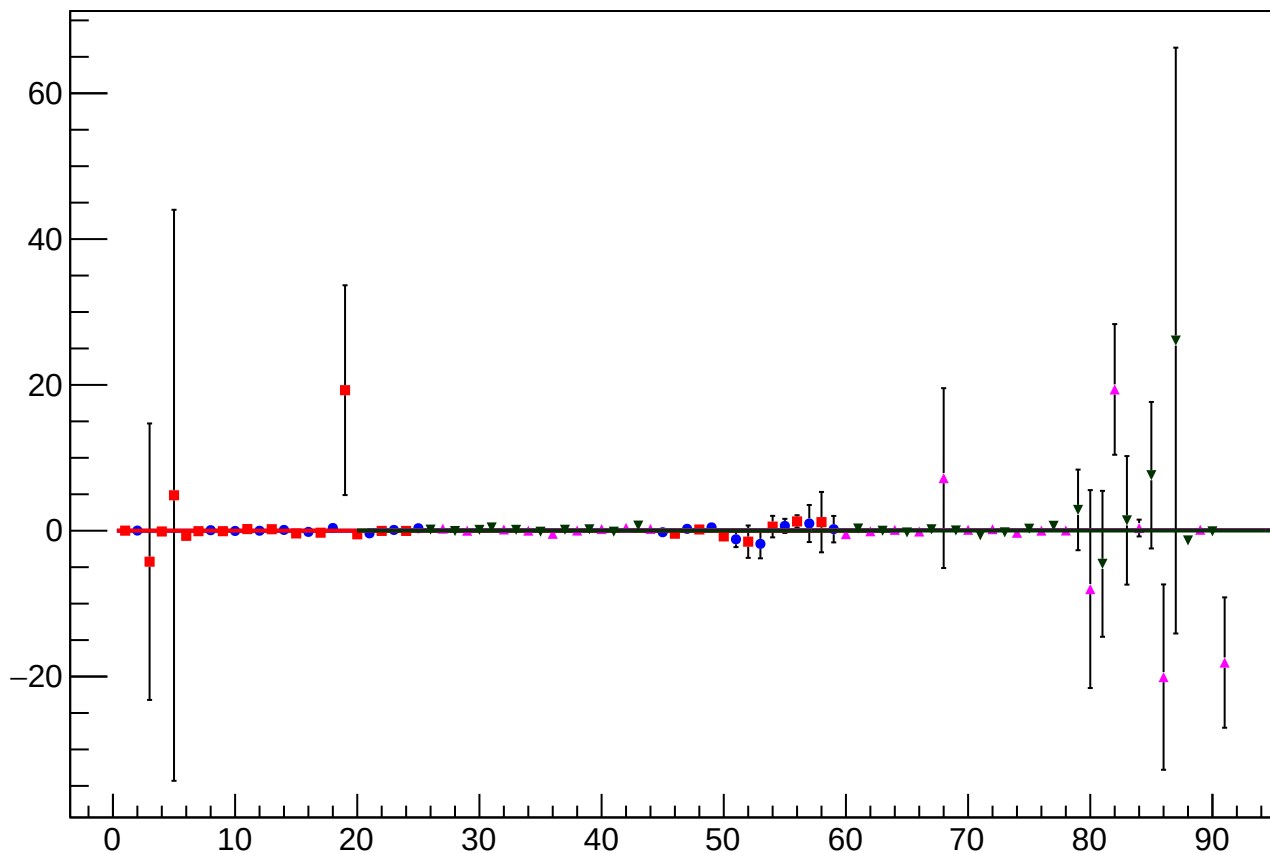
9.559+/-0.002 χ^2/NDF : 3045822.2/43

Right Out: 11.395+/-0.003 χ^2/NDF : 2412226.5/21

9.655+/-0.002 χ^2/NDF : 3733313.1/46

Left In: 8.918+/-0.002 χ^2/NDF : 797111.4/24

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 21.9/17

Left Out: 0.029 ± 0.044 χ^2/NDF : 32.2/25

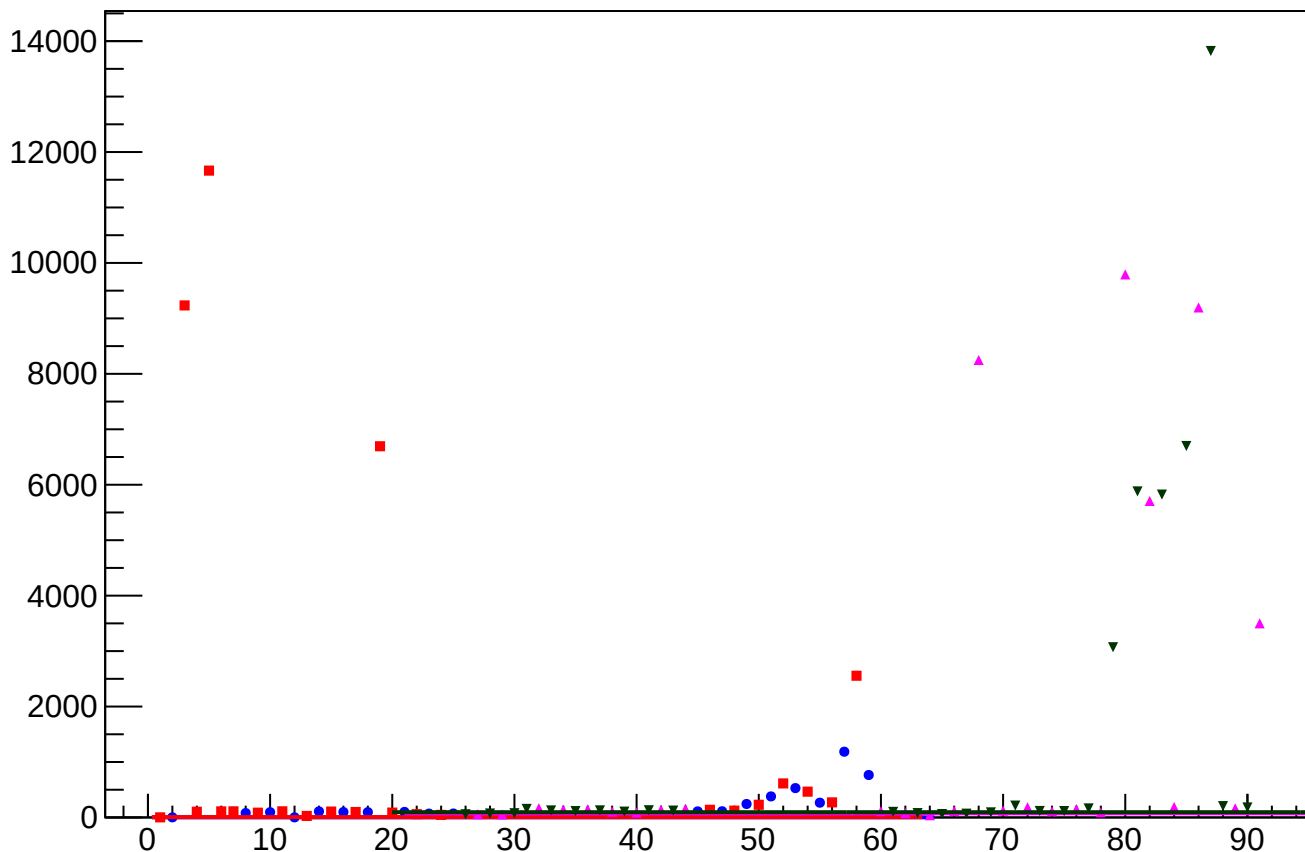
Right Out: 0.008 ± 0.012 χ^2/NDF : 18.5/21

Left In: 0.098 ± 0.037 χ^2/NDF : 26.9/24

-0.002 ± 0.003 χ^2/NDF : 54.6/43

0.017 ± 0.011 χ^2/NDF : 50.8/46

diff_cav4dY_rms vs slug



Right In: 2.175+/-0.002 χ^2/NDF : 8645588.2/17

Left Out: 94.853+/-0.031 χ^2/NDF : 4092695.6/25

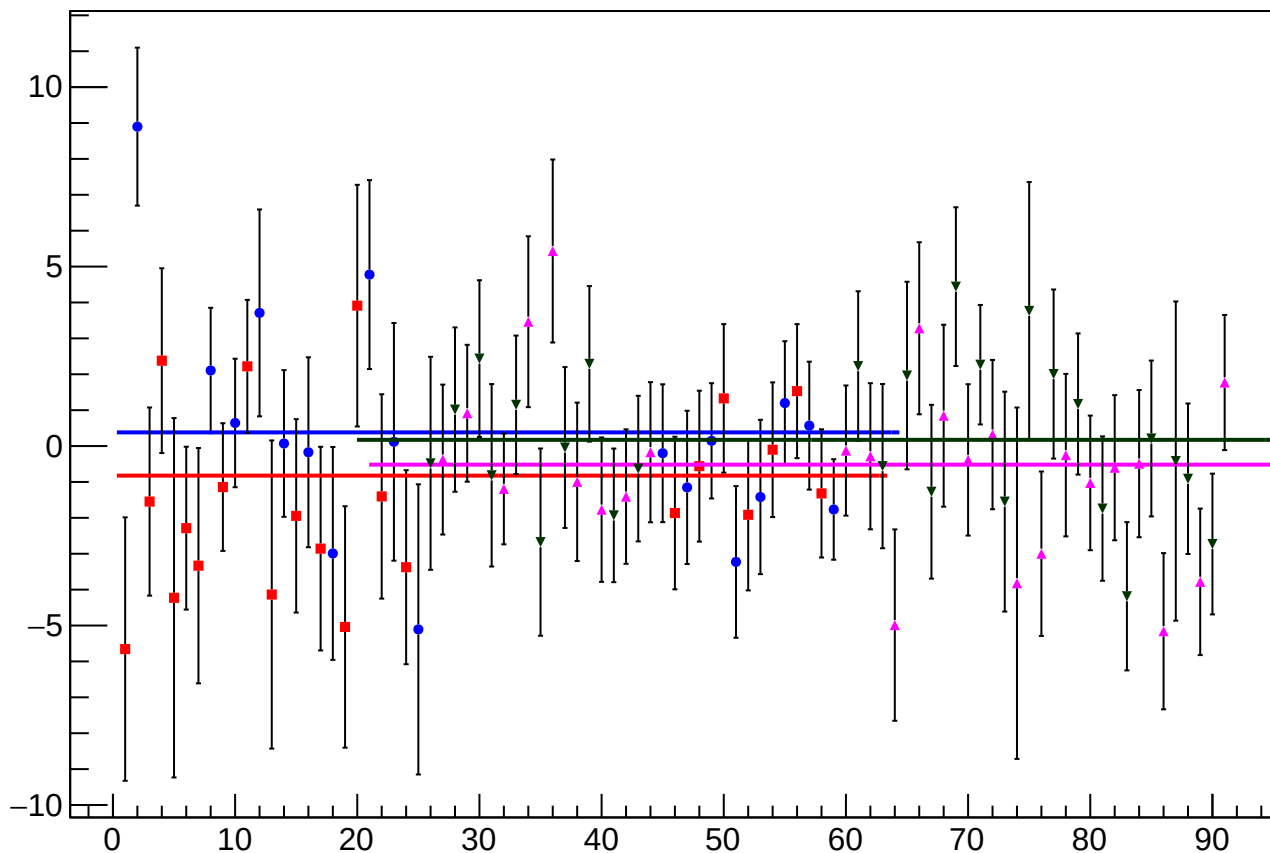
Right Out: 6.211+/-0.009 χ^2/NDF : 7134967.8/21

Left In: 73.222+/-0.026 χ^2/NDF : 6277638.6/24

2.605+/-0.002 χ^2/NDF : 21505469.1/43

12.694+/-0.008 χ^2/NDF : 19365781.3/46

diff_bpm4aX_mean vs slug



Right In: 0.381 ± 0.486 χ^2/NDF : 30.1/17

Left Out: 0.173 ± 0.439 χ^2/NDF : 22.5/25

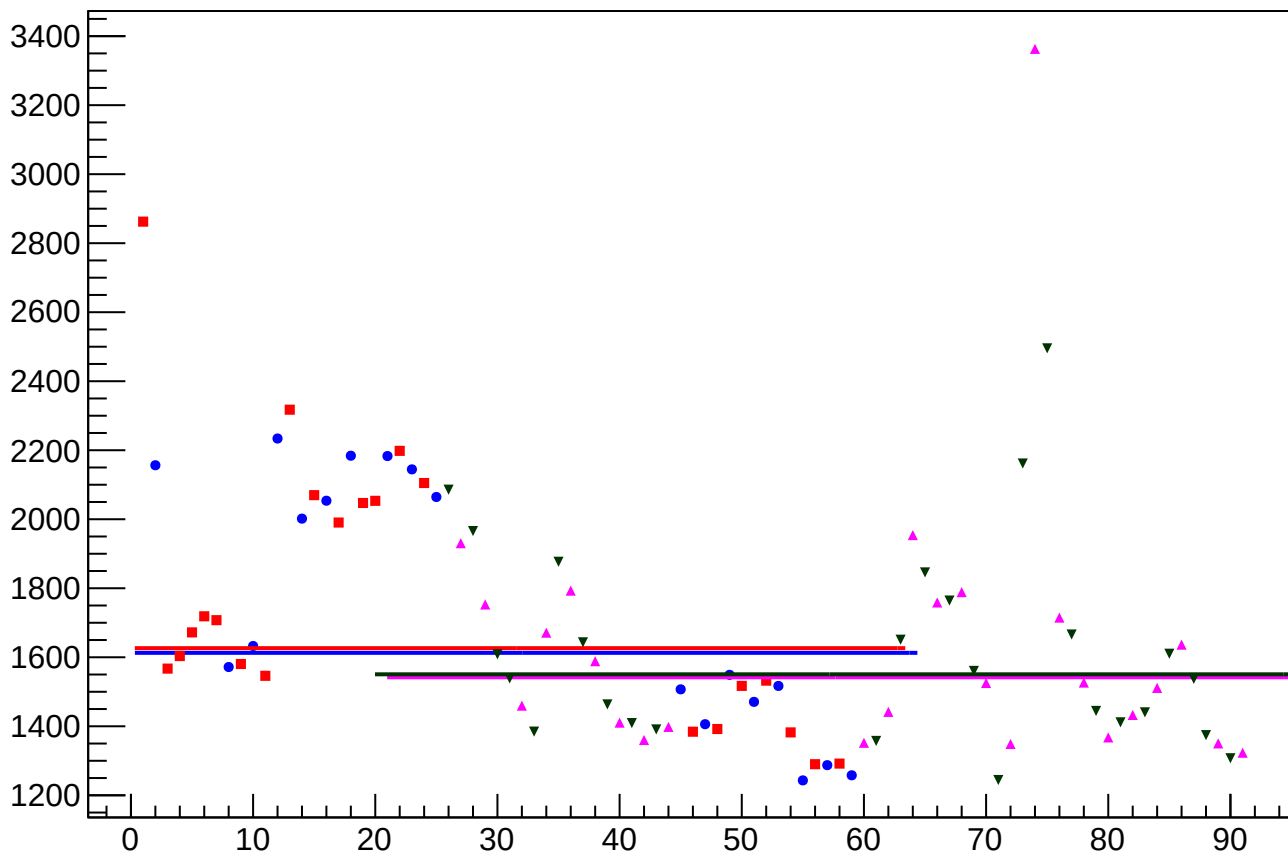
Right Out: -0.823 ± 0.510 χ^2/NDF : 16.7/21

Left In: -0.518 ± 0.421 χ^2/NDF : 25.8/24

0.267 ± 0.326 χ^2/NDF : 52.7/43

-0.642 ± 0.324 χ^2/NDF : 42.8/46

diff_bpm4aX_rms vs slug



Right In: 1612.843+/-0.343 χ^2/NDF : 917187.2/17

Left Out: 1550.604+/-0.310 χ^2/NDF : 629206.8/25

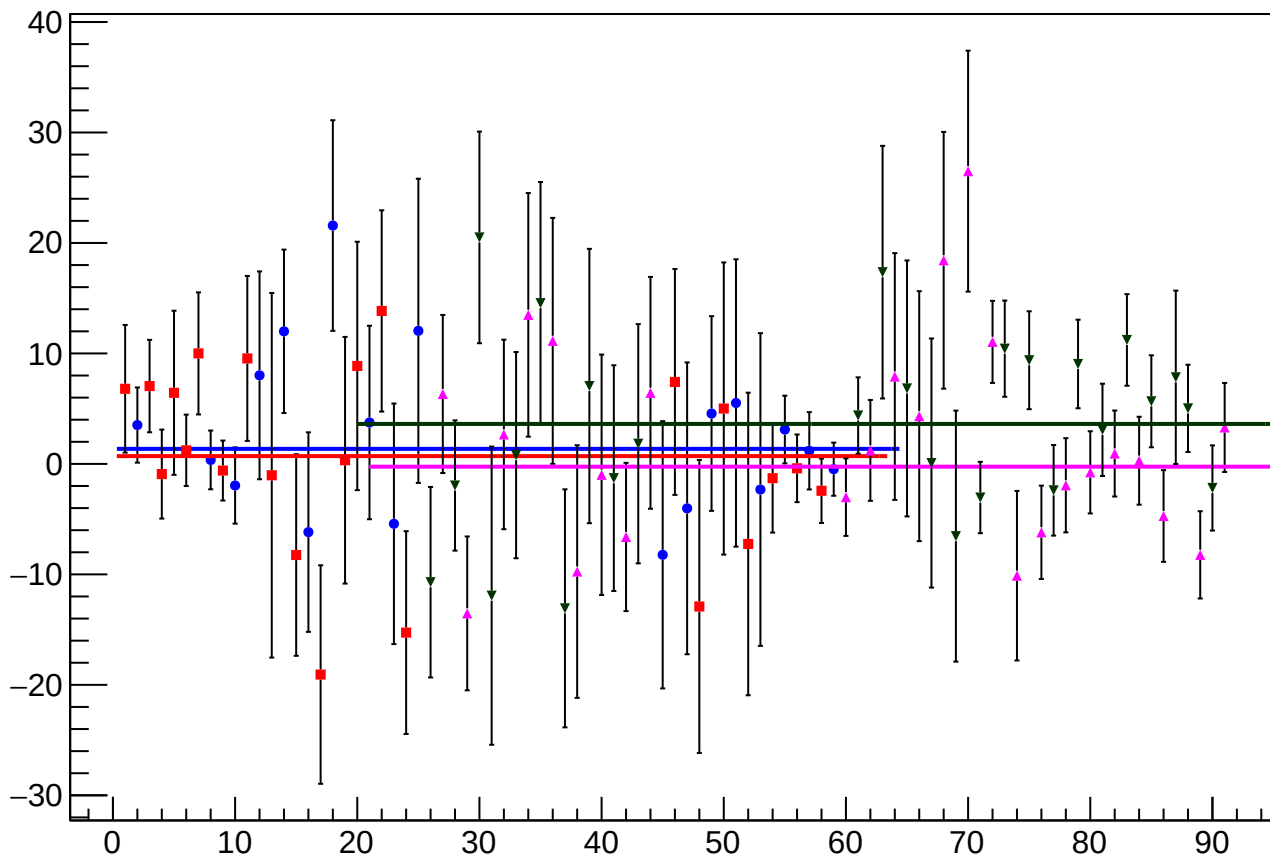
Right Out: 1626.390+/-0.360 χ^2/NDF : 812899.2/21

Left In: 1542.040+/-0.297 χ^2/NDF : 651384.8/24

1578.595+/-0.230 χ^2/NDF : 1564467.9/43

1576.205+/-0.229 χ^2/NDF : 1496877.0/46

diff_bpm4aY_mean vs slug



Right In: 1.362 ± 1.126 χ^2/NDF : 12.3/17

Left Out: 3.618 ± 1.073 χ^2/NDF : 33.0/25

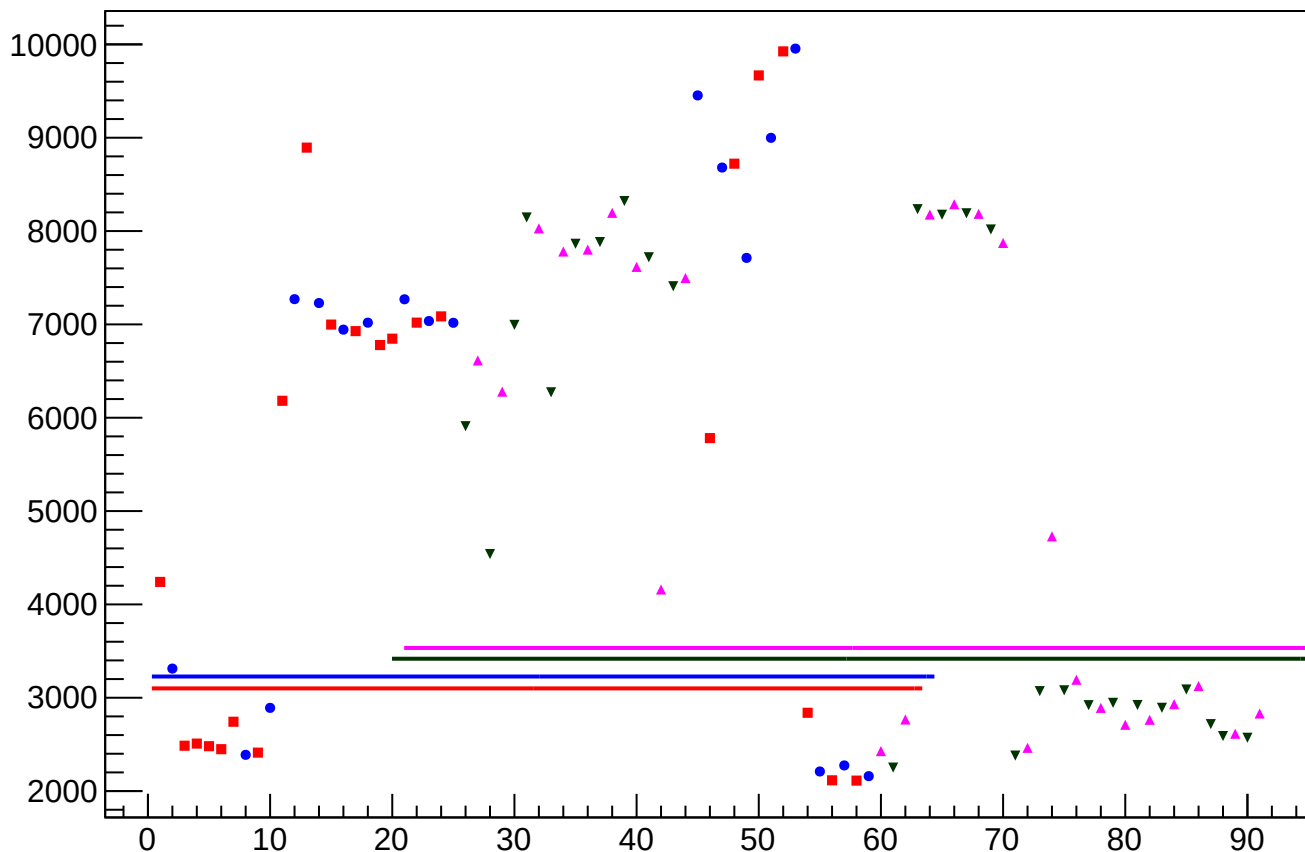
Right Out: 0.704 ± 1.114 χ^2/NDF : 22.7/21

Left In: -0.252 ± 1.076 χ^2/NDF : 38.4/24

2.544 ± 0.777 χ^2/NDF : 47.5/43

0.209 ± 0.774 χ^2/NDF : 61.4/46

diff_bpm4aY_rms vs slug



Right In: 3227.406+/-0.796 χ^2/NDF : 5649281.7/17

Left Out: 3417.943+/-0.759 χ^2/NDF : 4728661.2/25

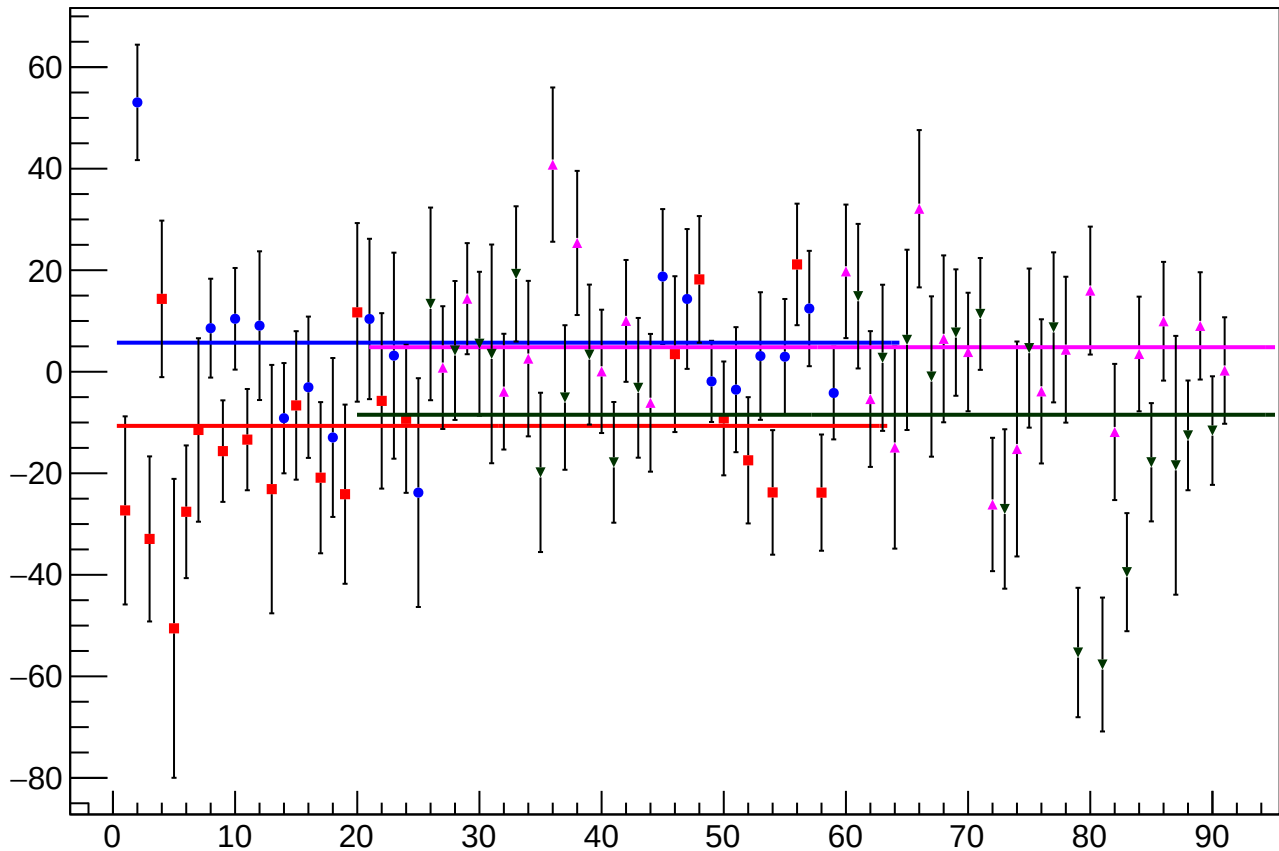
Right Out: 3100.183+/-0.787 χ^2/NDF : 4763460.8/21

Left In: 3533.466+/-0.761 χ^2/NDF : 5012674.6/24

3327.245+/-0.549 χ^2/NDF : 10407953.6/43

3324.319+/-0.547 χ^2/NDF : 9932750.7/46

diff_bpm4eX_mean vs slug



Right In: 5.725 ± 2.817 $\chi^2/\text{NDF}: 27.7/17$

Left Out: -8.474 ± 2.698 $\chi^2/\text{NDF}: 58.1/25$

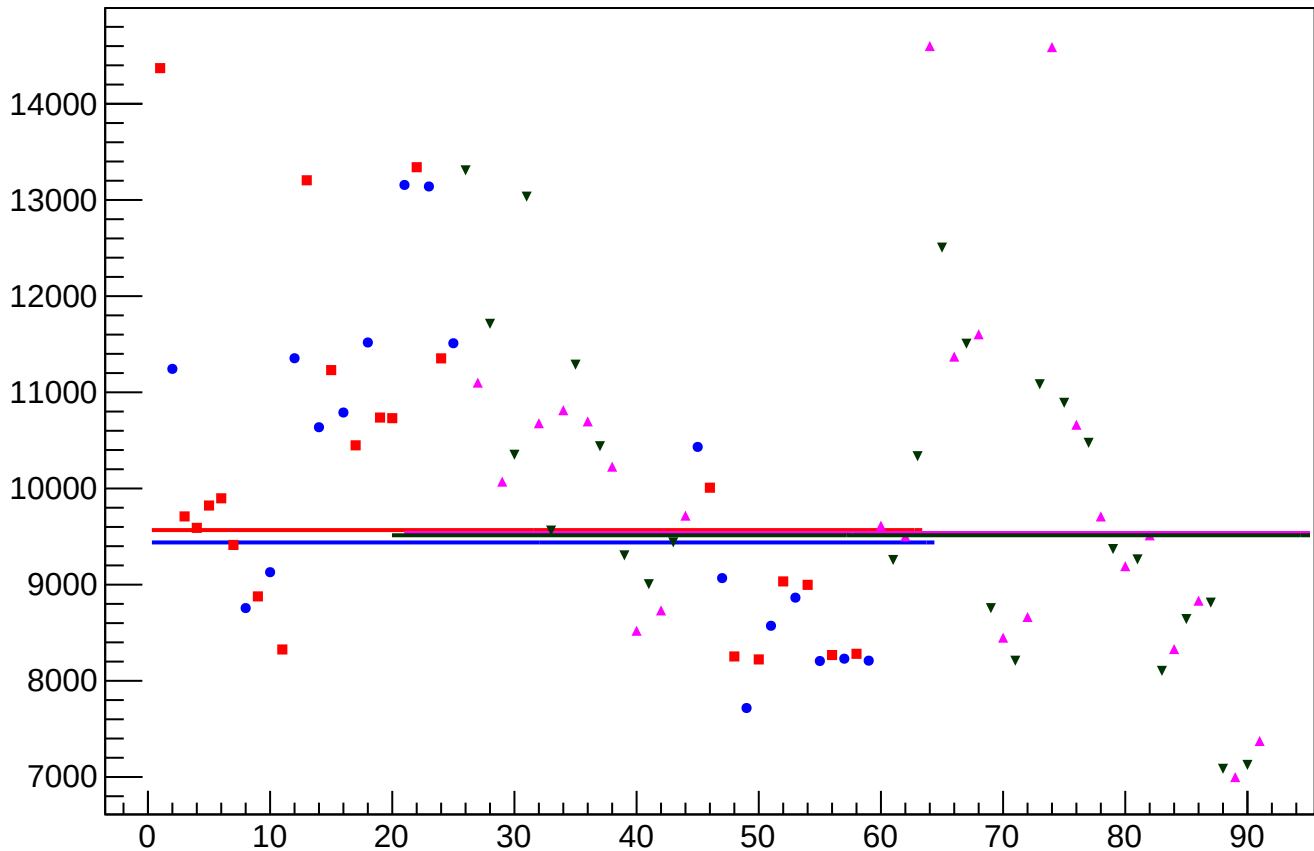
Right Out: -10.663 ± 2.978 $\chi^2/\text{NDF}: 28.3/21$

Left In: 4.834 ± 2.603 $\chi^2/\text{NDF}: 25.9/24$

-1.680 ± 1.949 $\chi^2/\text{NDF}: 99.0/43$

-1.877 ± 1.960 $\chi^2/\text{NDF}: 69.5/46$

diff_bpm4eX_rms vs slug



Right In: 9438.821 $\pm$ 1.992 χ^2 /NDF: 570730.1/17

Left Out: 9513.587 $\pm$ 1.908 χ^2 /NDF: 649112.9/25

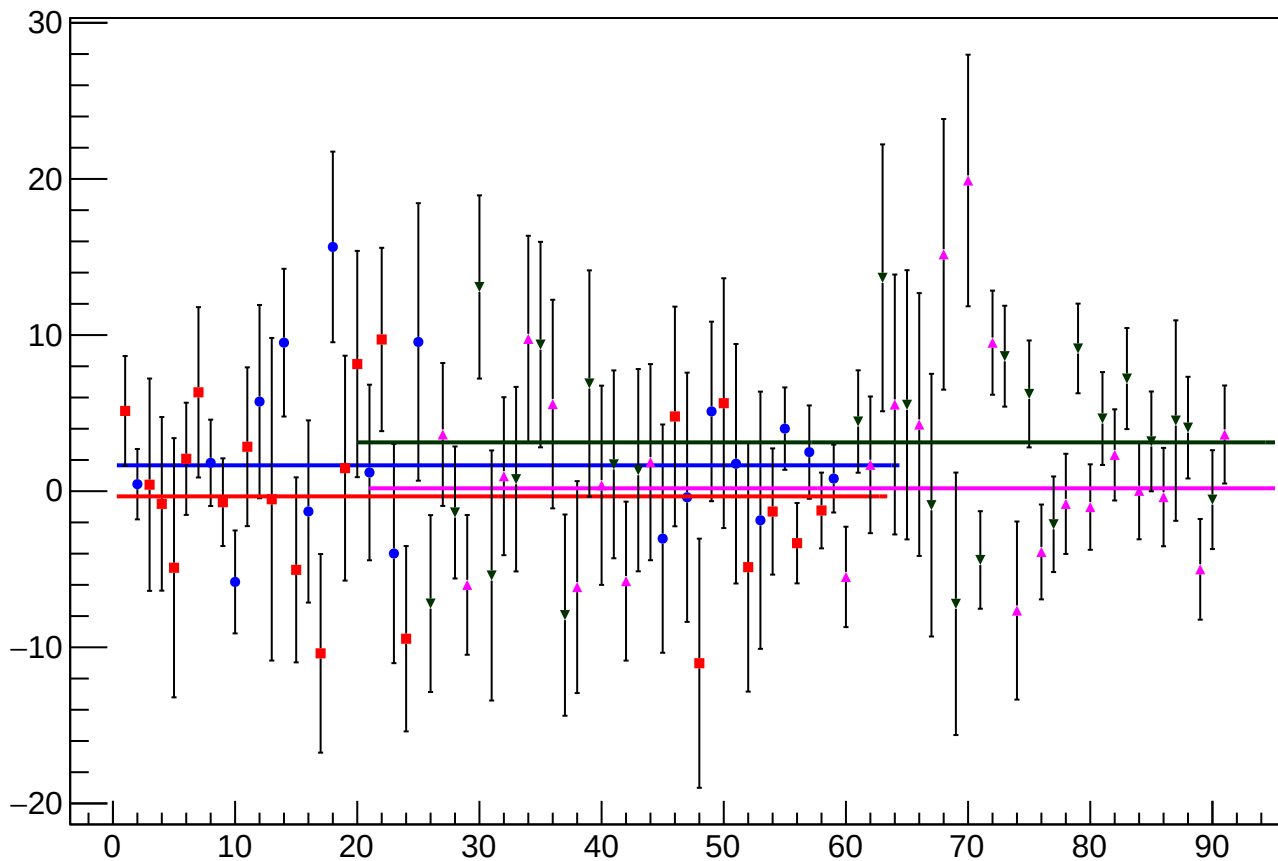
Right Out: 9567.428 $\pm$ 2.106 χ^2 /NDF: 506061.6/21

Left In: 9537.075 $\pm$ 1.841 χ^2 /NDF: 685753.3/24

9477.816 $\pm$ 1.378 χ^2 /NDF: 1220577.7/43

9550.220 $\pm$ 1.386 χ^2 /NDF: 1191932.6/46

diff_bpm4eY_mean vs slug



Right In: 1.657 ± 0.923 χ^2/NDF : 17.6/17

Left Out: 3.127 ± 0.827 χ^2/NDF : 36.6/25

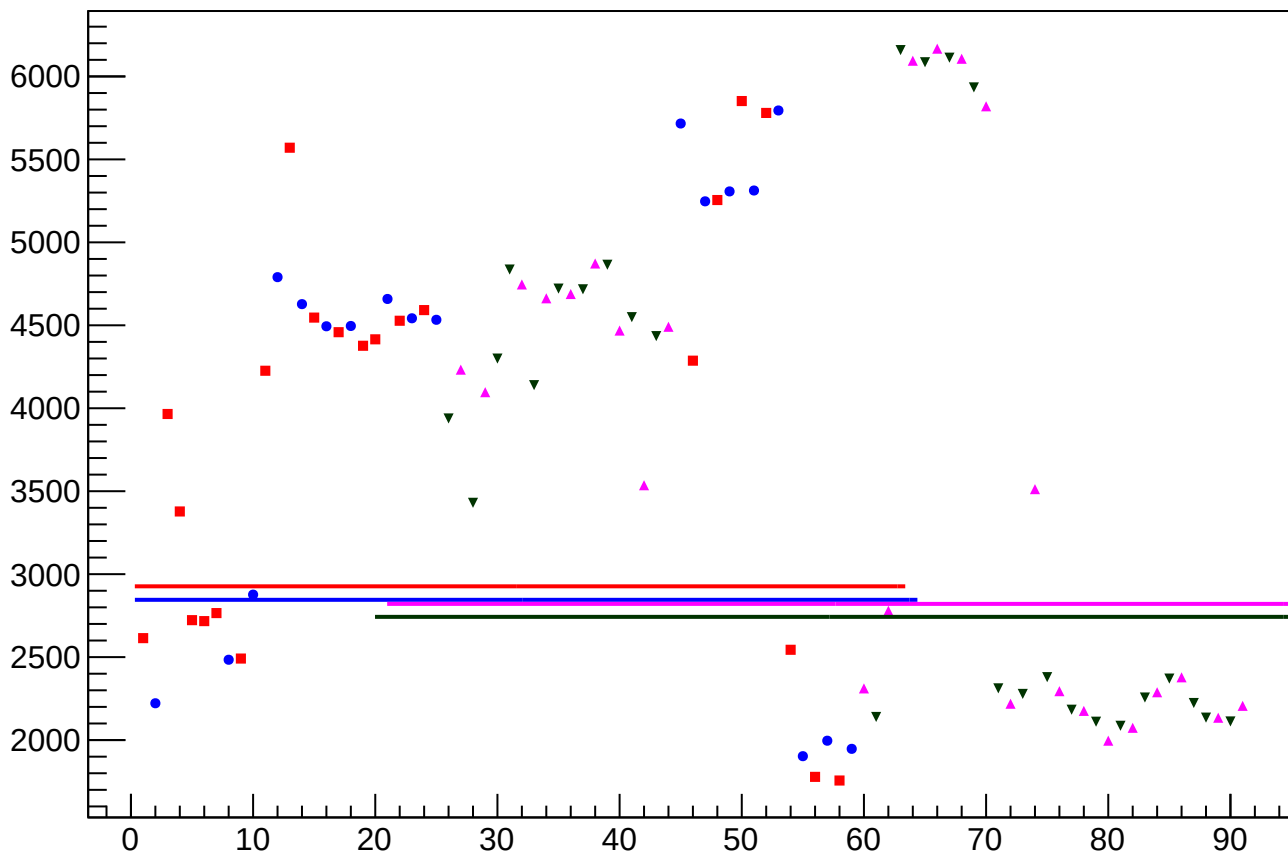
Right Out: -0.332 ± 0.984 χ^2/NDF : 19.7/21

Left In: 0.186 ± 0.823 χ^2/NDF : 36.6/24

2.472 ± 0.616 χ^2/NDF : 55.6/43

-0.027 ± 0.631 χ^2/NDF : 56.4/46

diff_bpm4eY_rms vs slug



Right In: 2845.375+/-0.652 χ^2/NDF : 3448867.1/17

Left Out: 2742.674+/-0.585 χ^2/NDF : 3282439.9/25

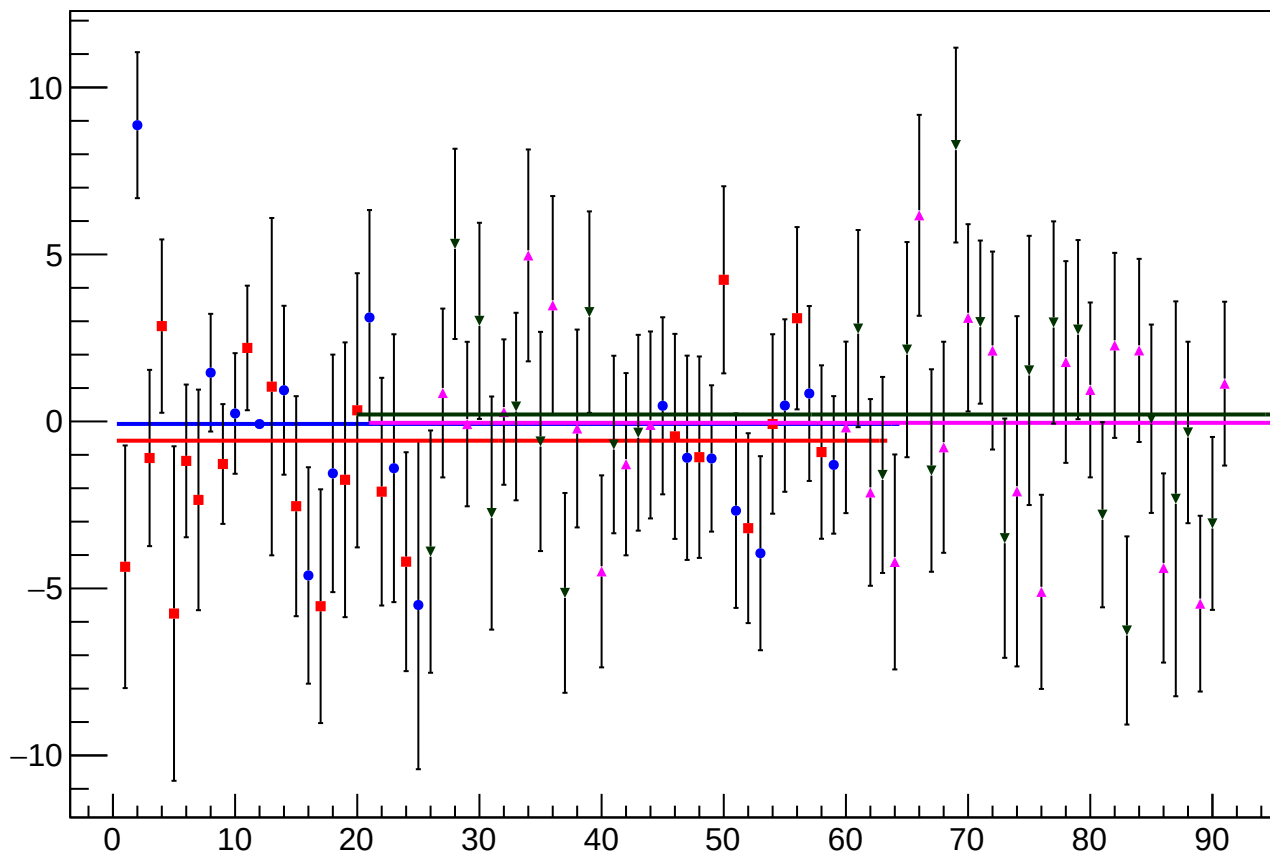
2788.416+/-0.435 χ^2/NDF : 6745050.6/43

Right Out: 2926.706+/-0.696 χ^2/NDF : 2781833.9/21

2864.395+/-0.446 χ^2/NDF : 6300043.5/46

Left In: 2820.814+/-0.582 χ^2/NDF : 3504572.3/24

diff_bpm4acX_mean vs slug



Right In: -0.075 ± 0.060 χ^2/NDF : 25.6/17

Left Out: 0.208 ± 0.587 χ^2/NDF : 32.5/25

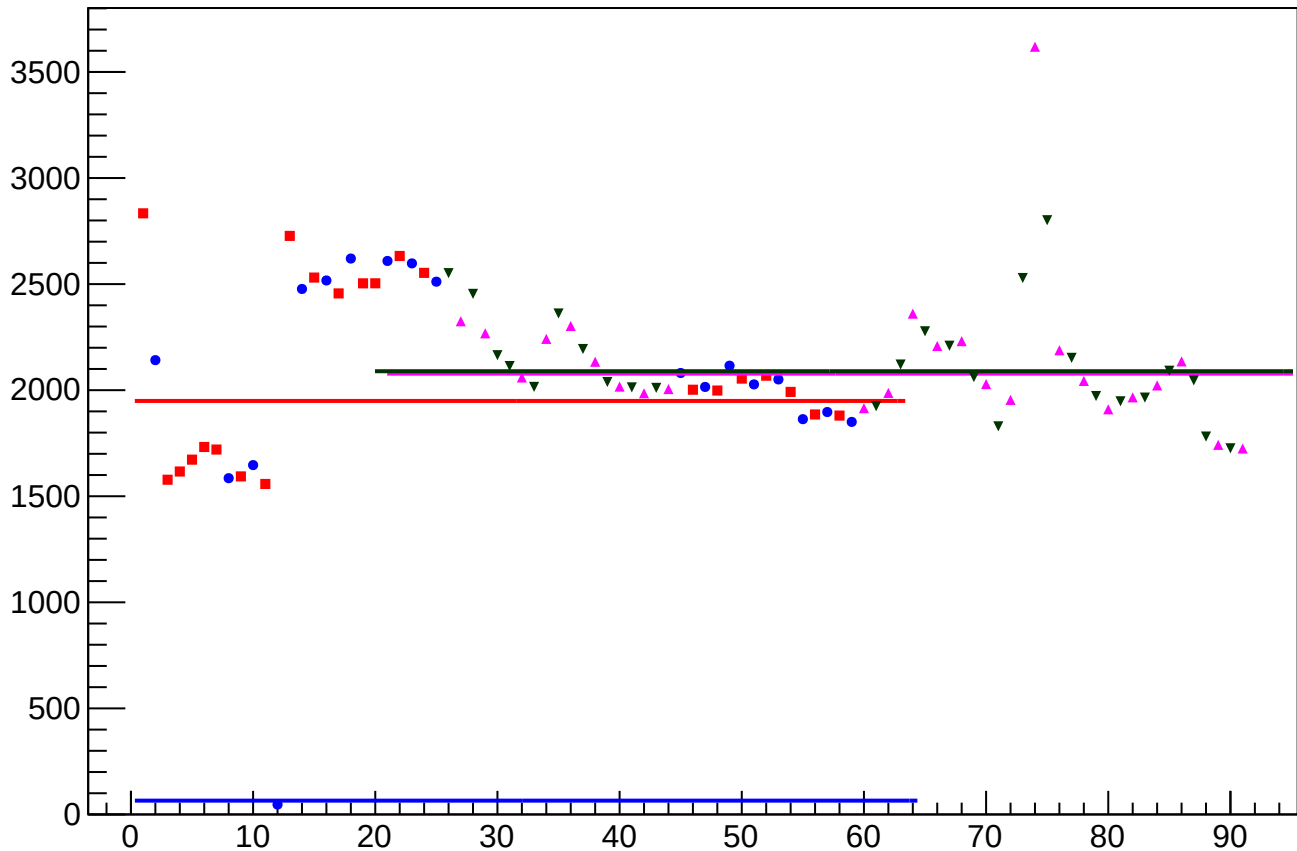
Right Out: -0.576 ± 0.610 χ^2/NDF : 16.4/21

Left In: -0.042 ± 0.563 χ^2/NDF : 26.6/24

-0.072 ± 0.060 χ^2/NDF : 58.3/43

-0.287 ± 0.414 χ^2/NDF : 43.4/46

diff_bpm4acX_rms vs slug



Right In: 65.169+/-0.042 χ^2/NDF : 20574675.5/17

Left Out: 2089.300+/-0.415 χ^2/NDF : 298643.4/25

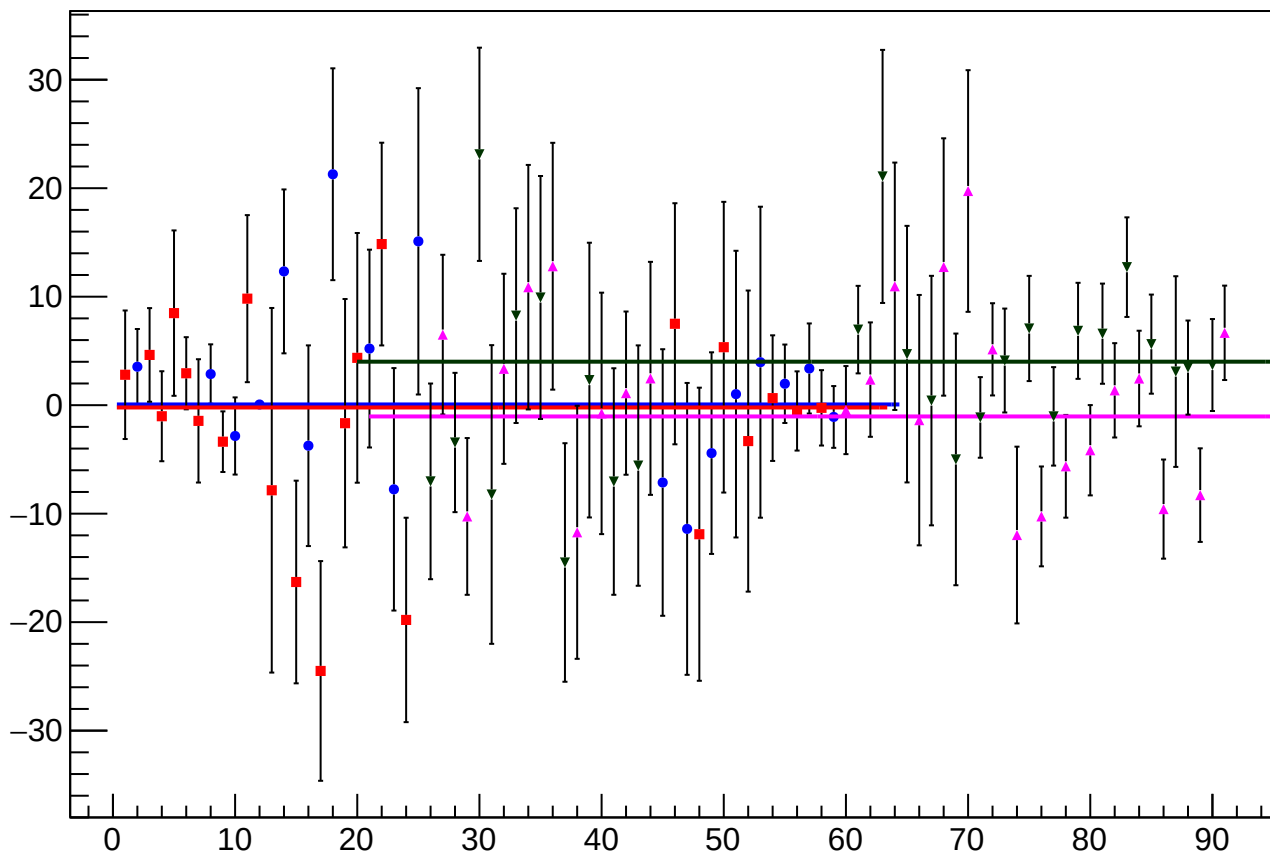
Right Out: 1949.284+/-0.431 χ^2/NDF : 774847.1/21

Left In: 2077.982+/-0.398 χ^2/NDF : 352366.3/24

86.110+/-0.042 χ^2/NDF : 44394668.5/43

2018.817+/-0.292 χ^2/NDF : 1175324.8/46

diff_bpm4acY_mean vs slug



Right In: 0.067 ± 0.052 χ^2/NDF : 14.7/17

Left Out: 4.009 ± 1.182 χ^2/NDF : 24.0/25

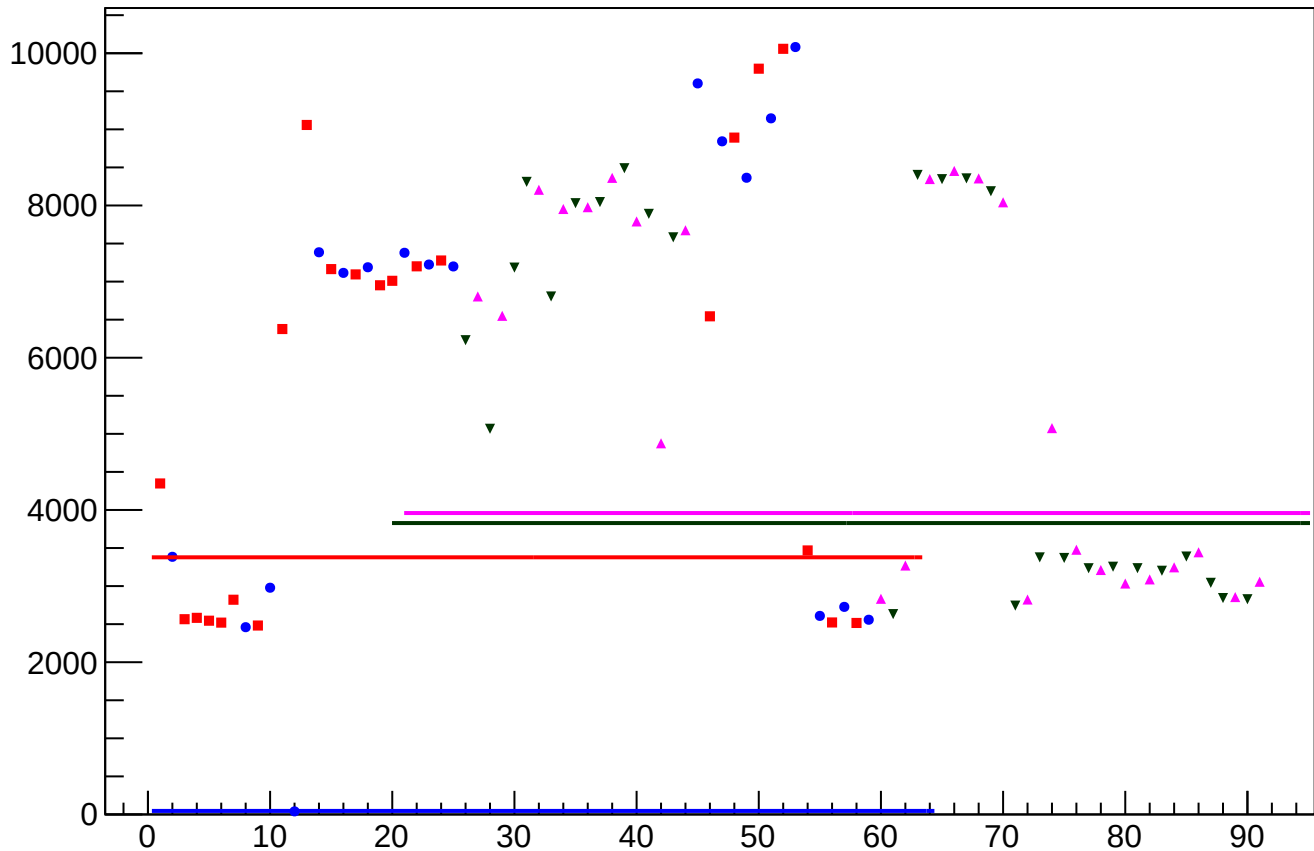
0.074 ± 0.052 χ^2/NDF : 49.8/43

Right Out: -0.212 ± 1.197 χ^2/NDF : 24.3/21

-0.630 ± 0.841 χ^2/NDF : 57.3/46

Left In: -1.039 ± 1.184 χ^2/NDF : 32.8/24

diff_bpm4acY_rms vs slug



Right In: 46.508 $\pm$ 0.037 χ^2 /NDF: 20531728.1/17

Left Out: 3828.049 $\pm$ 0.836 χ^2 /NDF: 4182613.0/25

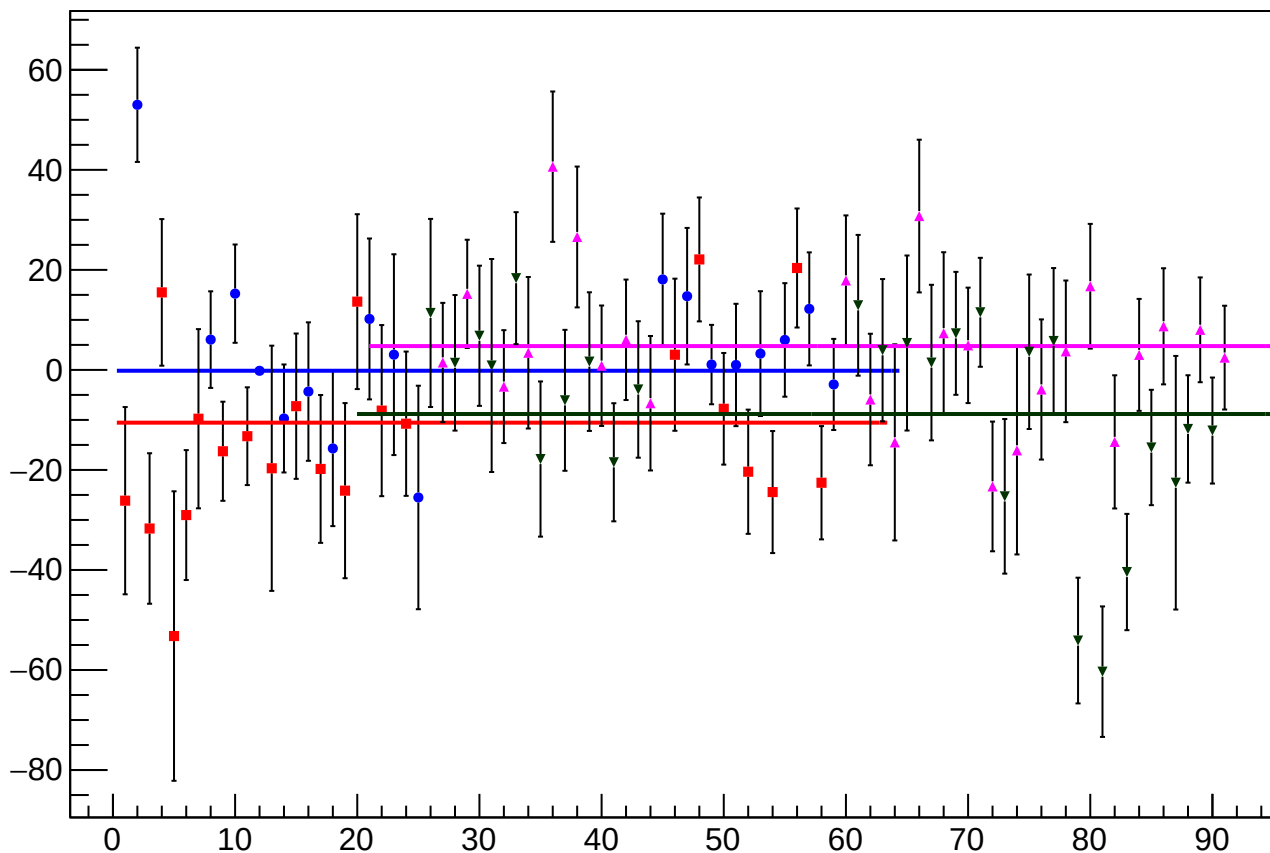
Right Out: 3378.042 $\pm$ 0.846 χ^2 /NDF: 4432935.1/21

Left In: 3959.661 $\pm$ 0.837 χ^2 /NDF: 4375530.9/24

53.831 $\pm$ 0.037 χ^2 /NDF: 45135887.1/43

3672.022 $\pm$ 0.595 χ^2 /NDF: 9047330.1/46

diff_bpm4ecX_mean vs slug



Right In: -0.168 ± 0.106 χ^2/NDF : 33.0/17

Left Out: -8.819 ± 2.672 χ^2/NDF : 58.2/25

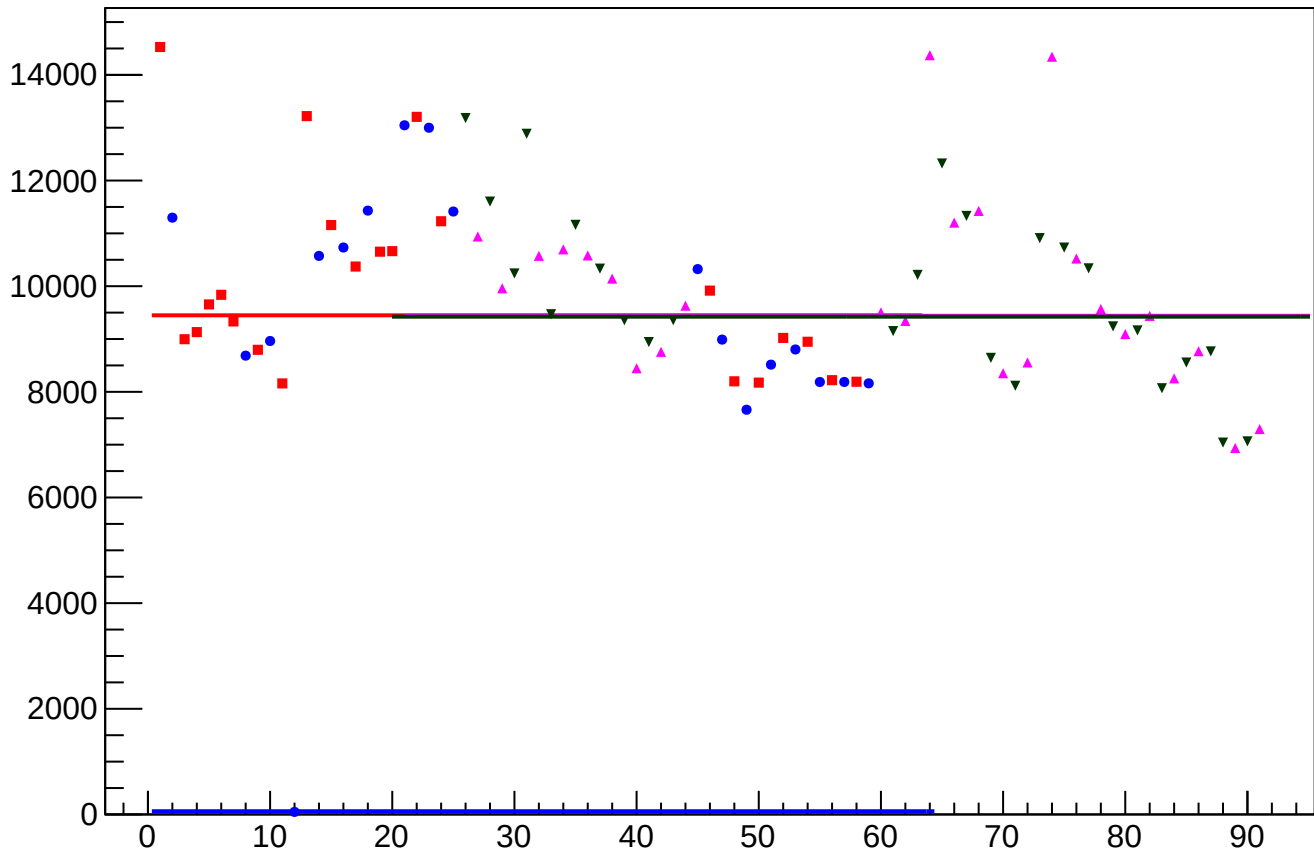
Right Out: -10.545 ± 2.943 χ^2/NDF : 31.2/21

Left In: 4.764 ± 2.576 χ^2/NDF : 25.4/24

-0.182 ± 0.106 χ^2/NDF : 101.6/43

-1.877 ± 1.938 χ^2/NDF : 71.9/46

diff_bpm4ecX_rms vs slug



Right In: 60.895+/-0.075 χ^2/NDF : 21491426.8/17

Left Out: 9422.985+/-1.890 χ^2/NDF : 636567.1/25

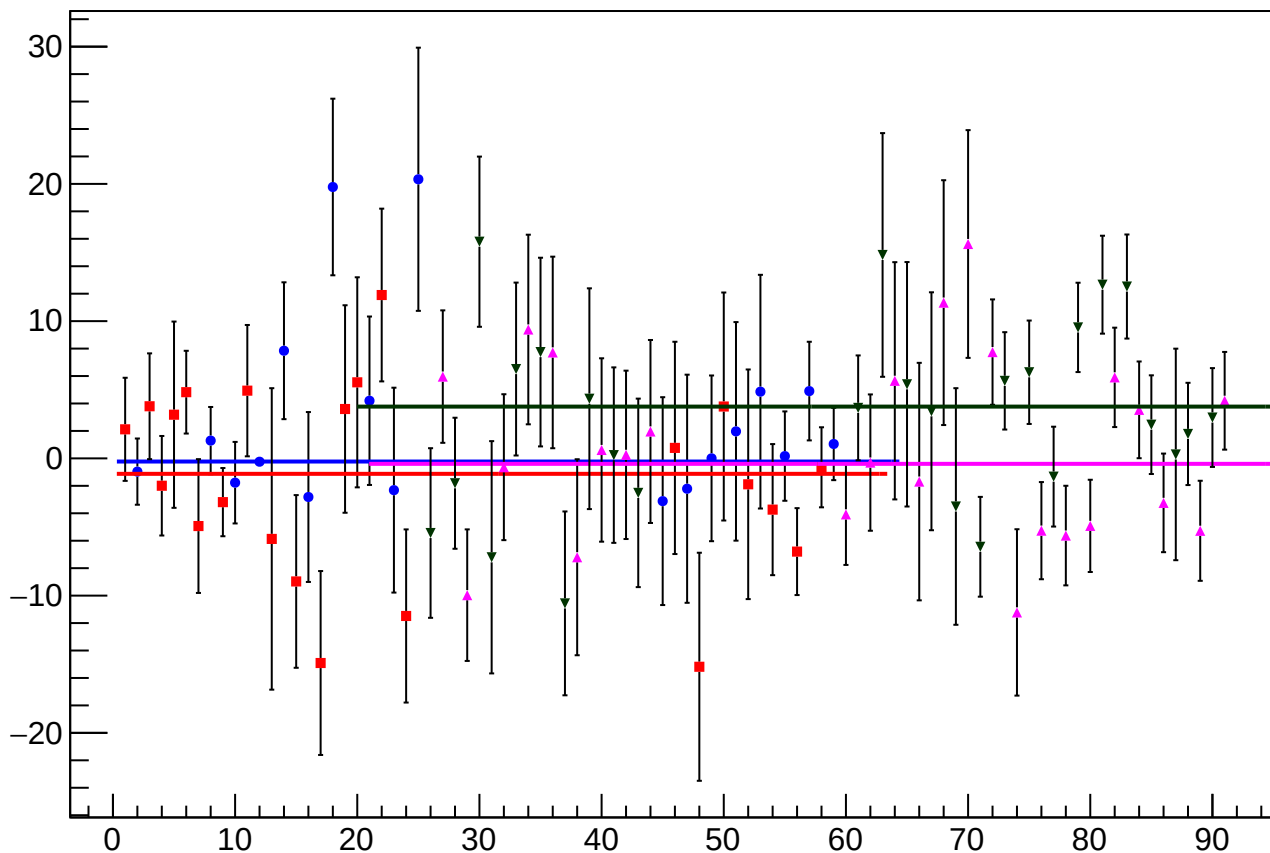
Right Out: 9448.725+/-2.081 χ^2/NDF : 524290.1/21

Left In: 9439.883+/-1.821 χ^2/NDF : 671191.1/24

75.735+/-0.075 χ^2/NDF : 46637300.0/43

9443.719+/-1.371 χ^2/NDF : 1195491.4/46

diff_bpm4ecY_mean vs slug



Right In: -0.229 ± 0.090 χ^2/NDF : 21.4/17

Left Out: 3.773 ± 0.934 χ^2/NDF : 43.5/25

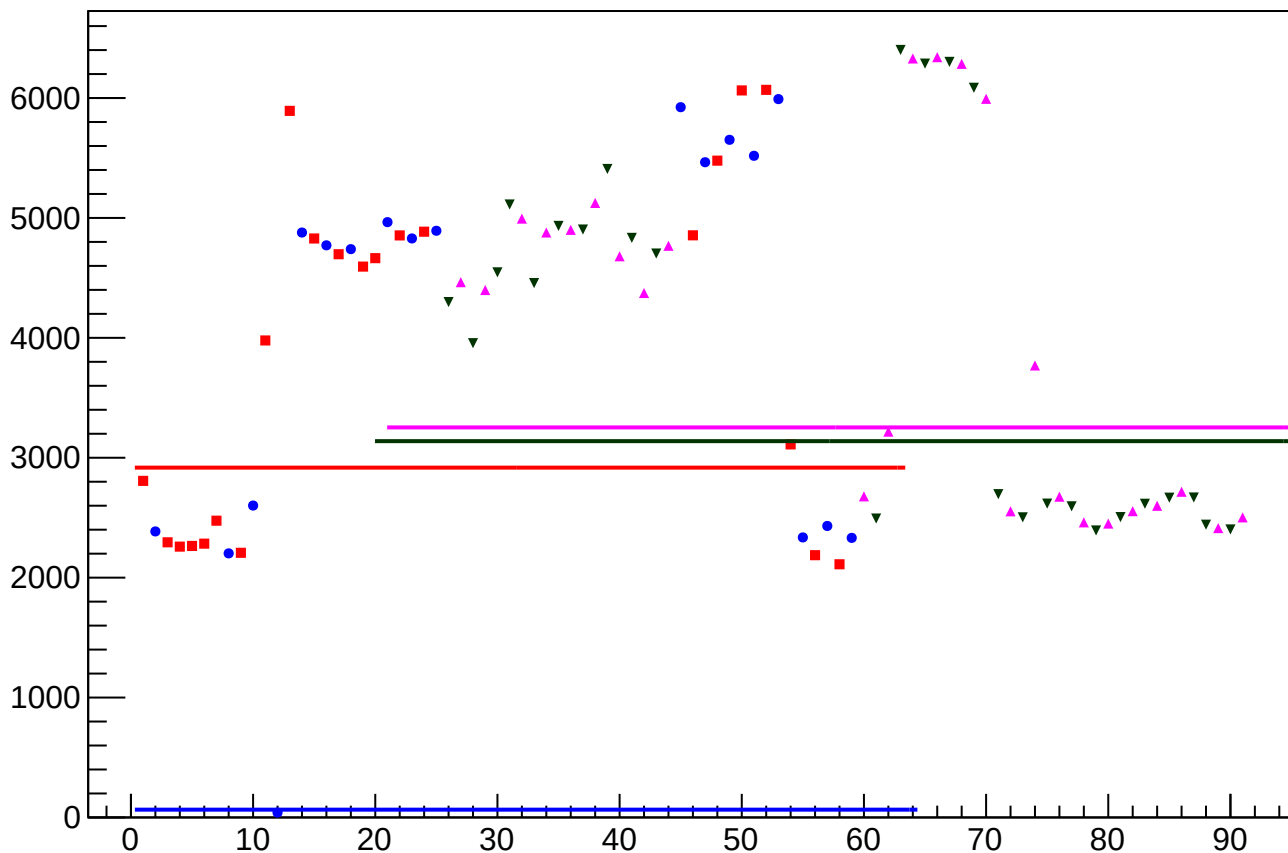
Right Out: -1.126 ± 0.973 χ^2/NDF : 30.5/21

Left In: -0.398 ± 0.932 χ^2/NDF : 38.9/24

-0.193 ± 0.089 χ^2/NDF : 83.1/43

-0.747 ± 0.673 χ^2/NDF : 69.8/46

diff_bpm4ecY_rms vs slug



Right In: 65.054+/-0.064 χ^2/NDF : 20626525.3/17

Left Out: 3138.356+/-0.660 χ^2/NDF : 2762555.2/25

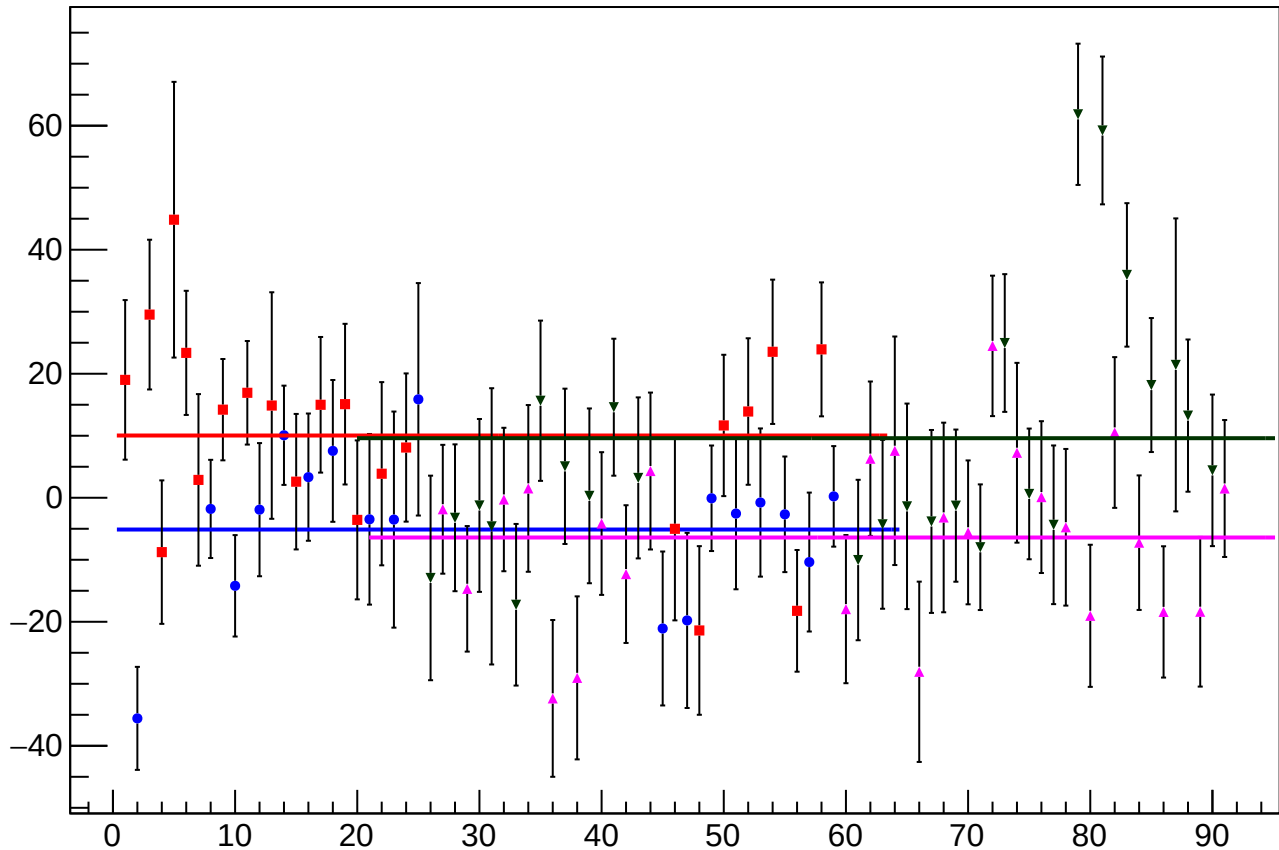
Right Out: 2917.550+/-0.688 χ^2/NDF : 2712363.0/21

Left In: 3252.972+/-0.659 χ^2/NDF : 2808516.6/24

93.231+/-0.063 χ^2/NDF : 44864209.2/43

3092.466+/-0.476 χ^2/NDF : 5644739.3/46

diff_bpm1X_mean vs slug



Right In: -5.123 ± 2.411 χ^2/NDF : 25.7/17

Left Out: 9.606 ± 2.496 χ^2/NDF : 66.5/25

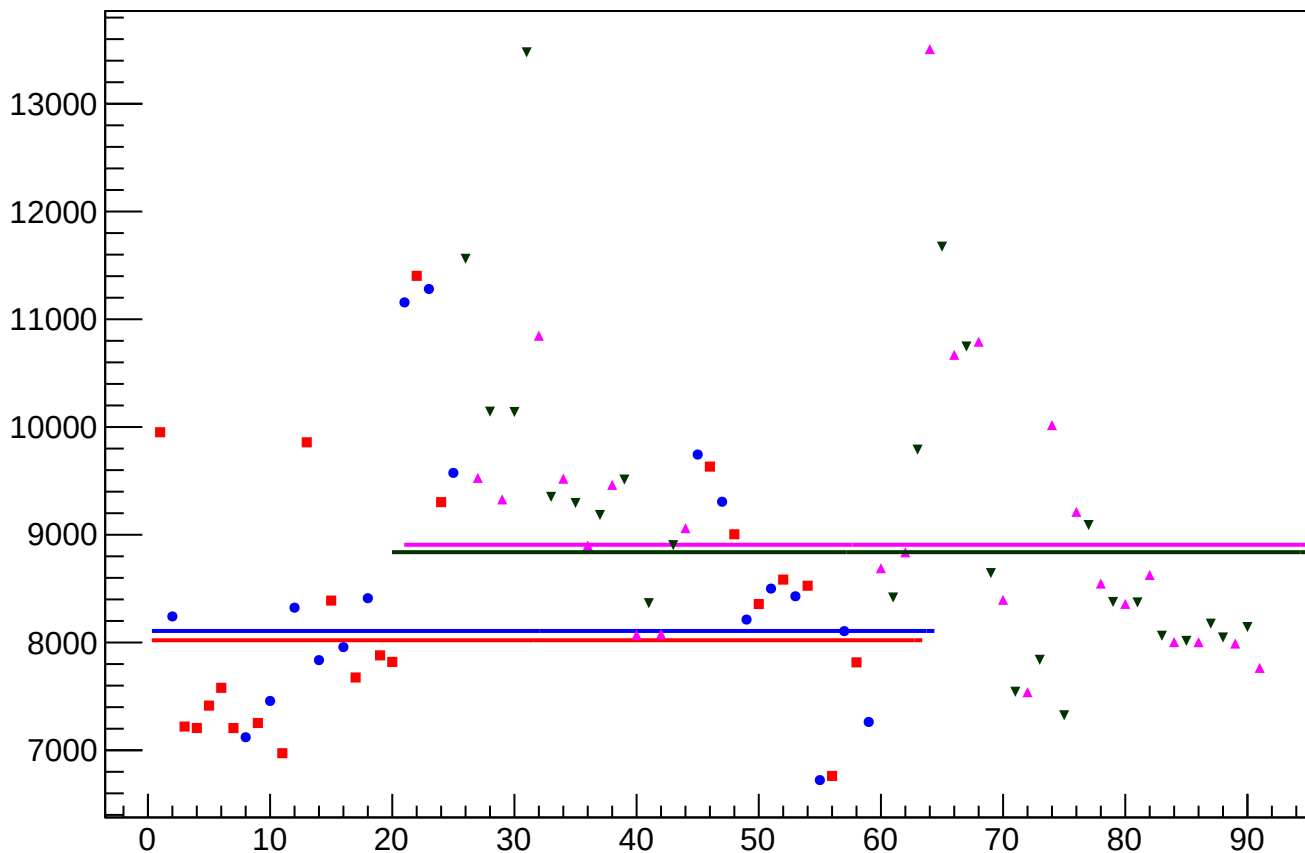
Right Out: 10.038 ± 2.488 χ^2/NDF : 31.2/21

Left In: -6.409 ± 2.417 χ^2/NDF : 29.1/24

1.987 ± 1.734 χ^2/NDF : 110.2/43

1.575 ± 1.734 χ^2/NDF : 82.8/46

diff_bpm1X_rms vs slug



Right In: 8107.224+/-1.705 χ^2/NDF : 344830.4/17

Left Out: 8838.523+/-1.765 χ^2/NDF : 436985.1/25

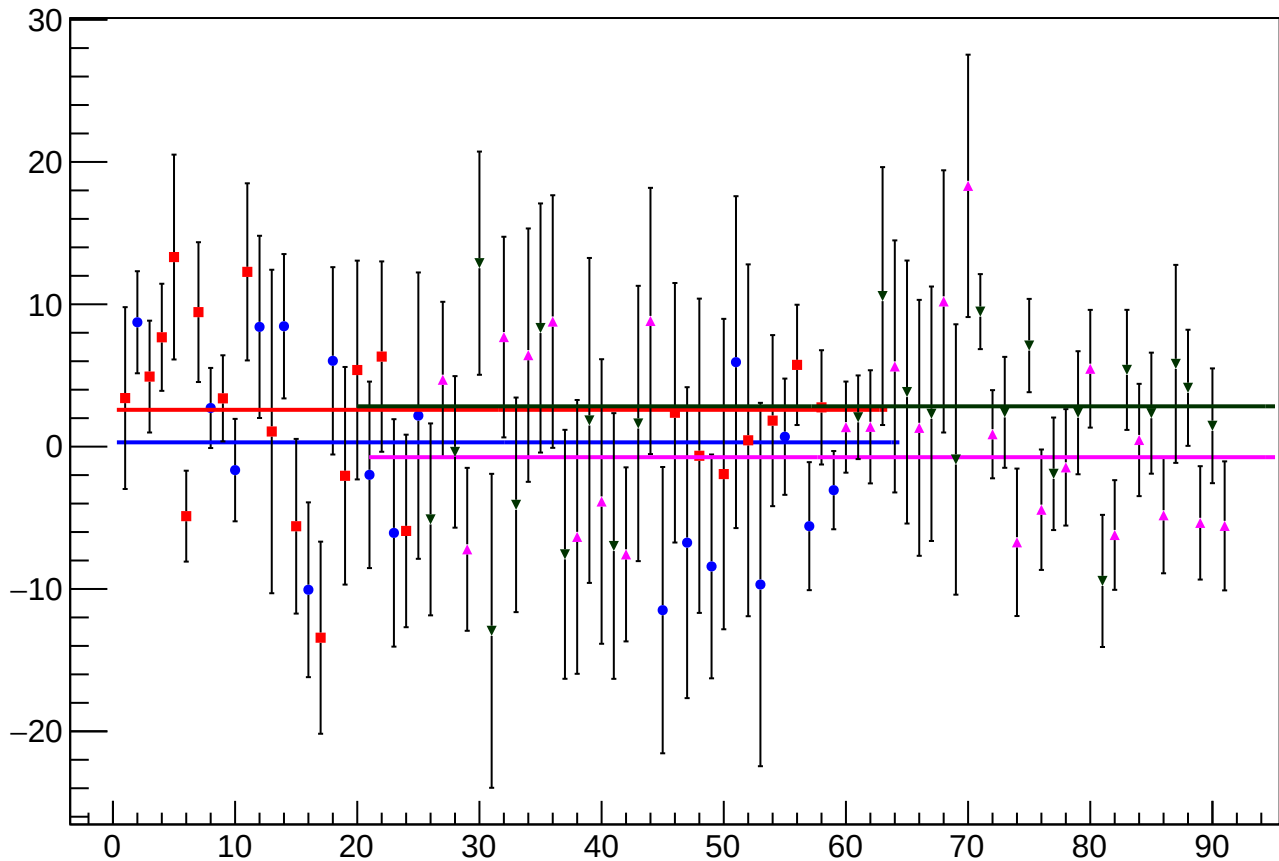
Right Out: 8021.051+/-1.760 χ^2/NDF : 356333.3/21

Left In: 8907.198+/-1.709 χ^2/NDF : 396439.4/24

8460.264+/-1.226 χ^2/NDF : 870614.9/43

8477.048+/-1.226 χ^2/NDF : 883279.6/46

diff_bpm1Y_mean vs slug



Right In: 0.301 ± 1.168 $\chi^2/\text{NDF}: 22.2/17$

Left Out: 2.832 ± 0.981 $\chi^2/\text{NDF}: 27.5/25$

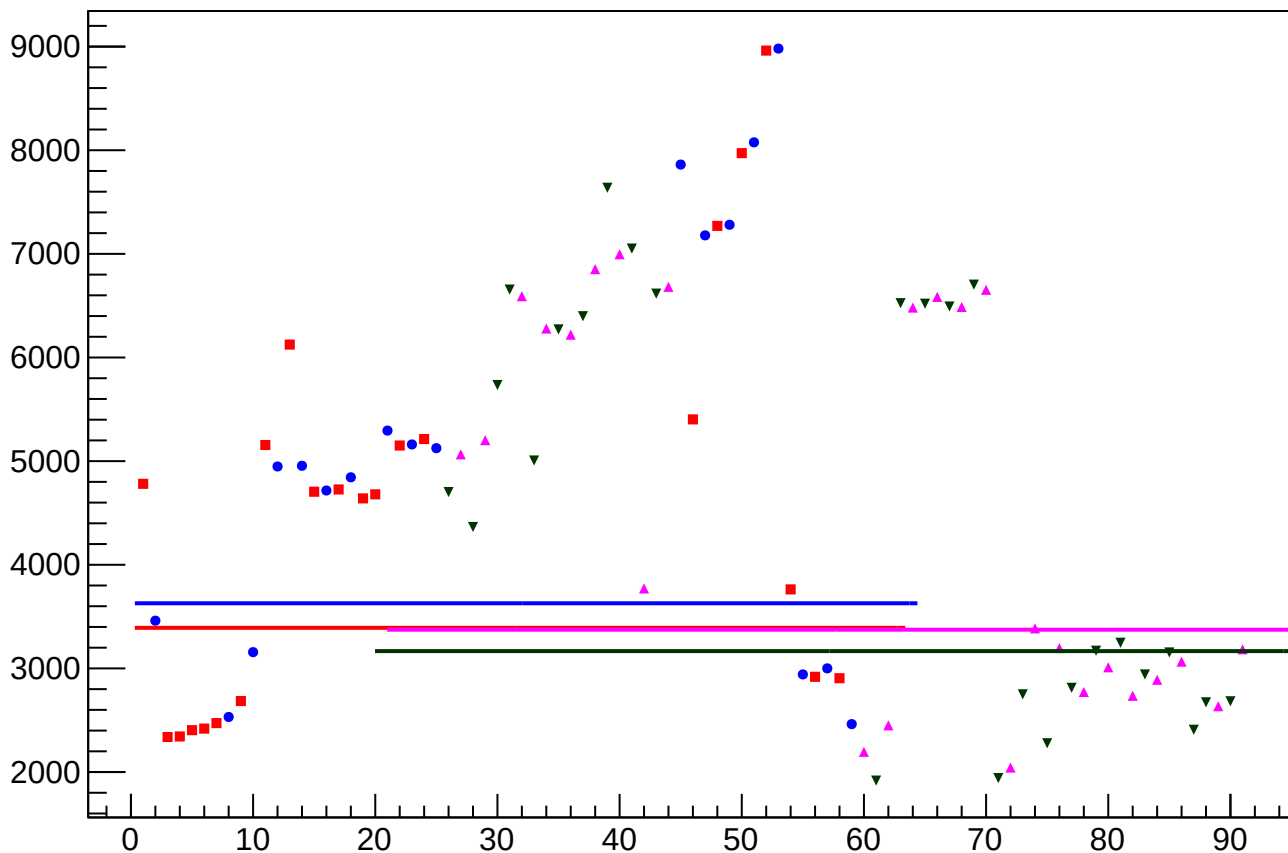
Right Out: 2.586 ± 1.140 $\chi^2/\text{NDF}: 25.0/21$

Left In: -0.742 ± 1.001 $\chi^2/\text{NDF}: 25.5/24$

1.785 ± 0.751 $\chi^2/\text{NDF}: 52.5/43$

0.707 ± 0.752 $\chi^2/\text{NDF}: 55.3/46$

diff_bpm1Y_rms vs slug



Right In: 3628.463 $\pm$ 0.826 χ^2 /NDF: 3038635.0/17

Left Out: 3166.914 $\pm$ 0.694 χ^2 /NDF:4331220.7/25

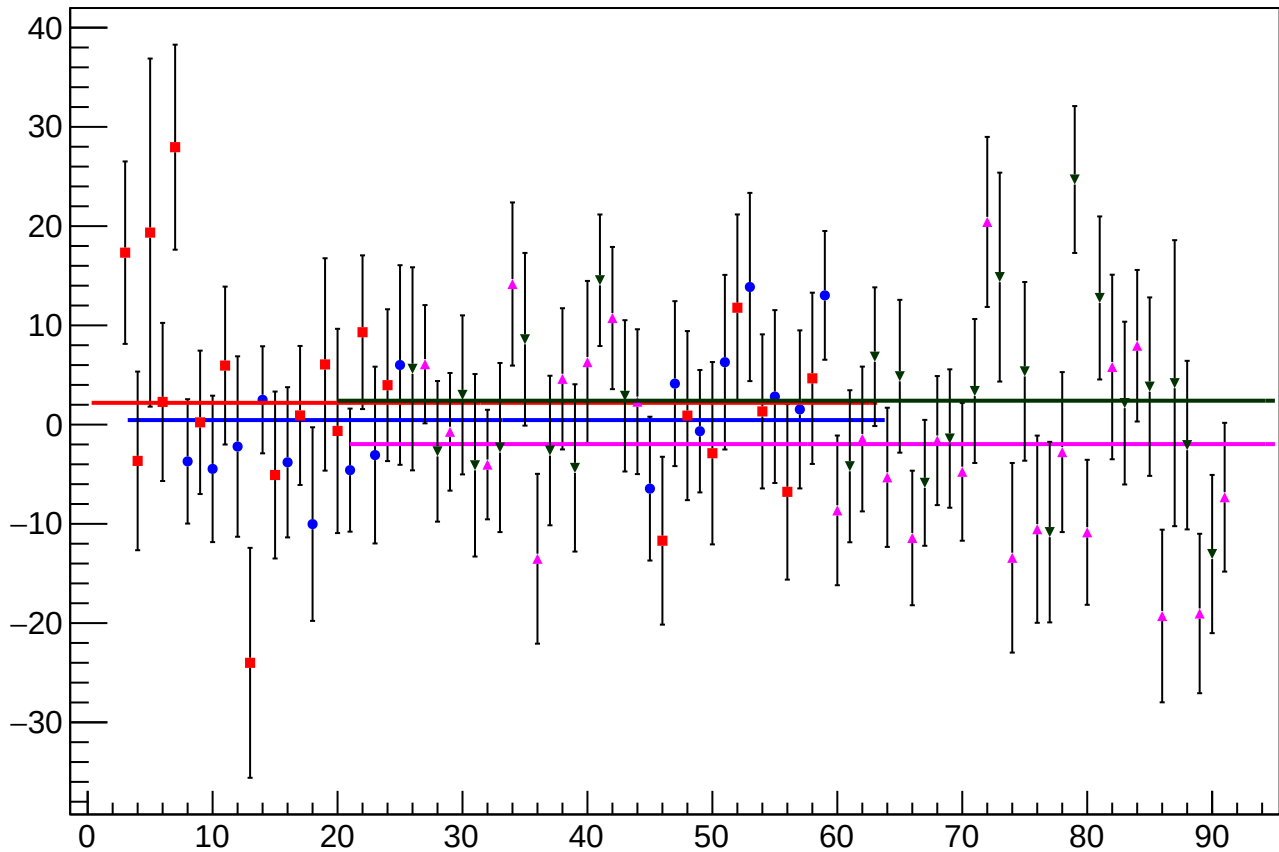
Right Out: 3391.569 $\pm$ 0.806 χ^2 /NDF: 2800831.6/21

Left In: 3373.528 $\pm$ 0.708 χ^2 /NDF:3976242.8/24

3357.796 $\pm$ 0.531 χ^2 /NDF: 7552978.4/43

3381.385 $\pm$ 0.532 χ^2 /NDF: 6777357.1/46

diff_bpm11X_mean vs slug



Right In: 0.456 ± 1.816 χ^2/NDF : 11.1/16

Left Out: 2.409 ± 1.576 χ^2/NDF : 28.0/25

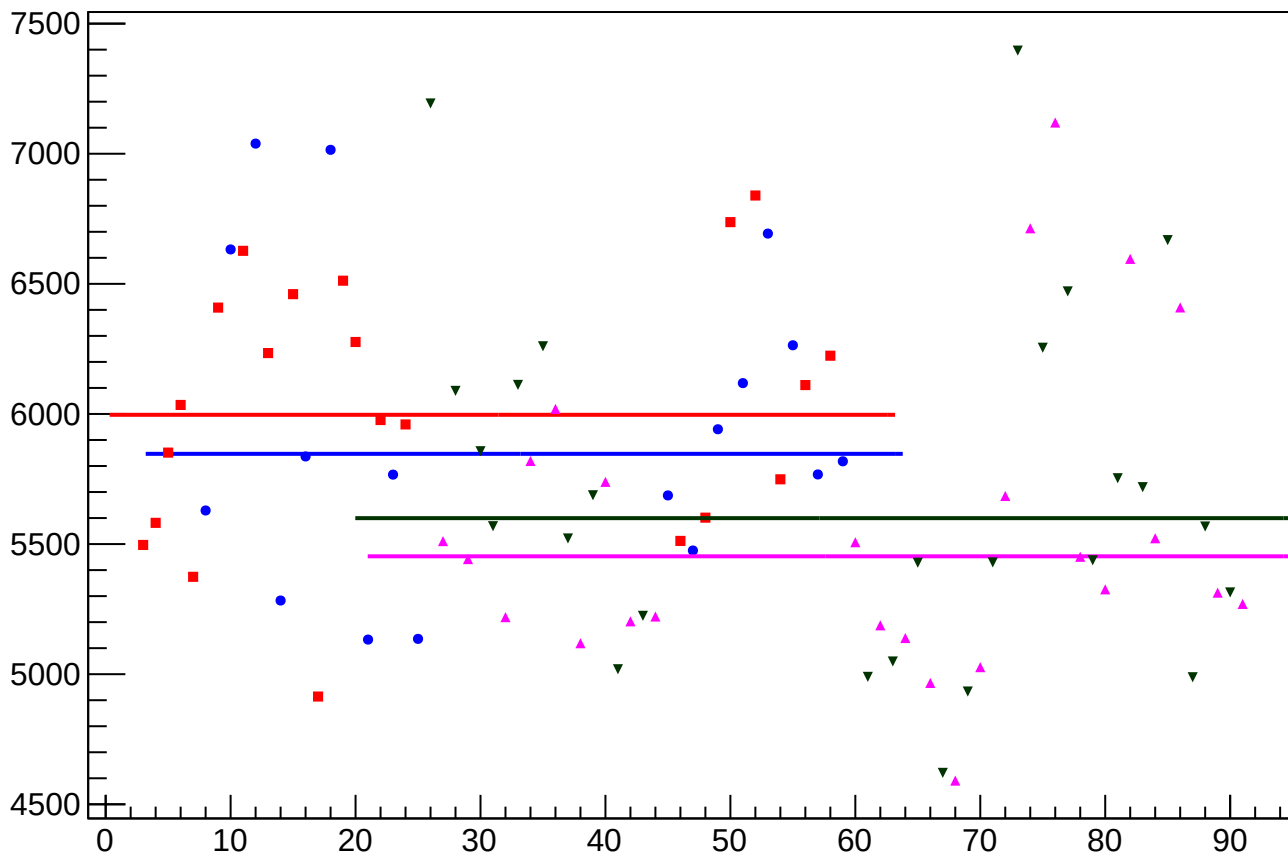
Right Out: 2.194 ± 1.906 χ^2/NDF : 22.8/20

Left In: -1.963 ± 1.476 χ^2/NDF : 38.1/24

1.570 ± 1.190 χ^2/NDF : 39.8/42

-0.405 ± 1.167 χ^2/NDF : 63.9/45

diff_bpm11X_rms vs slug



Right In: 5846.756 $\pm$ 1.284 χ^2 /NDF: 174773.9/16

Left Out: 5599.608 $\pm$ 1.114 χ^2 /NDF: 316330.6/25

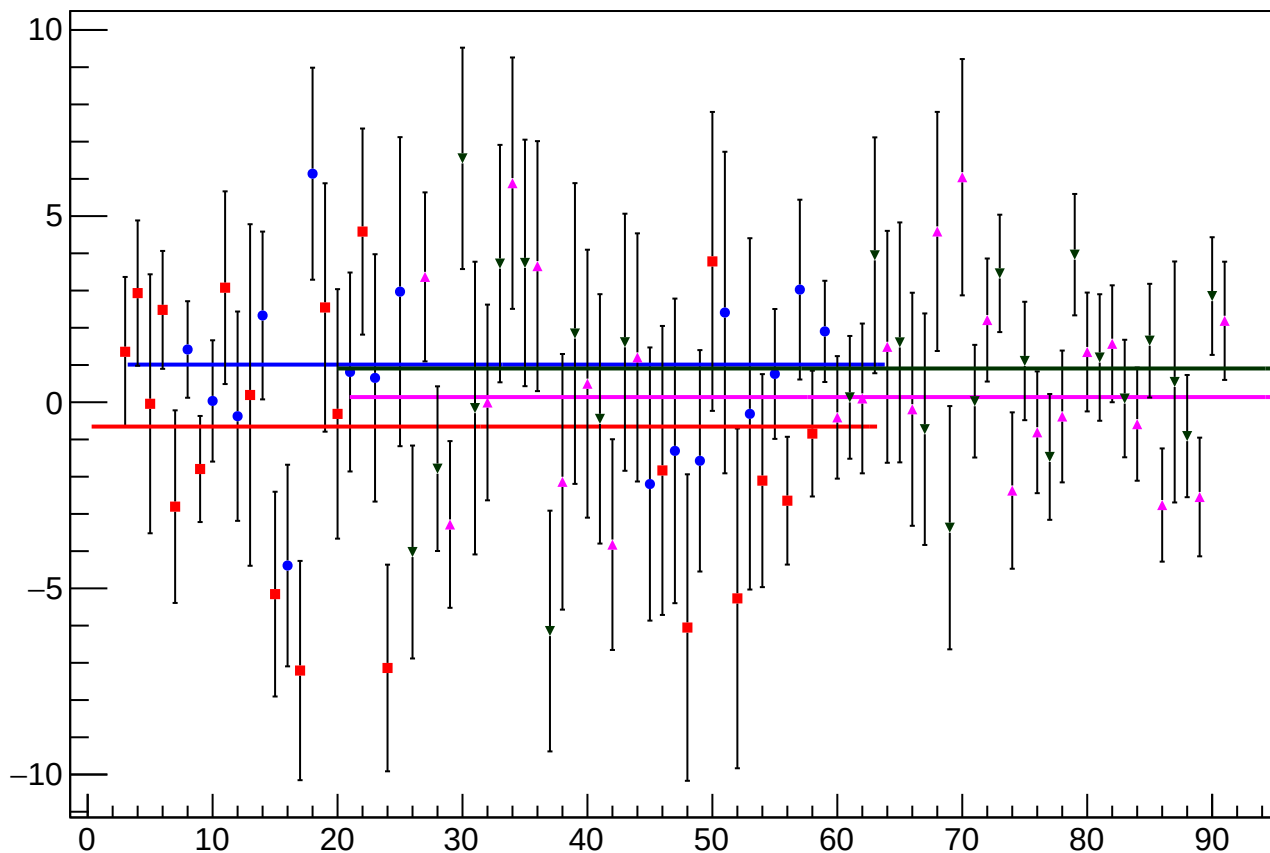
Right Out: 5996.775 $\pm$ 1.348 χ^2 /NDF: 141262.4/20

Left In: 5452.991 $\pm$ 1.044 χ^2 /NDF: 243246.3/24

5705.814 $\pm$ 0.842 χ^2 /NDF: 512237.5/42

5656.830 $\pm$ 0.825 χ^2 /NDF: 486235.8/45

diff_bpm11Y_mean vs slug



Right In: 1.011 ± 0.556 χ^2/NDF : 11.7/16

Left Out: 0.907 ± 0.416 χ^2/NDF : 29.6/25

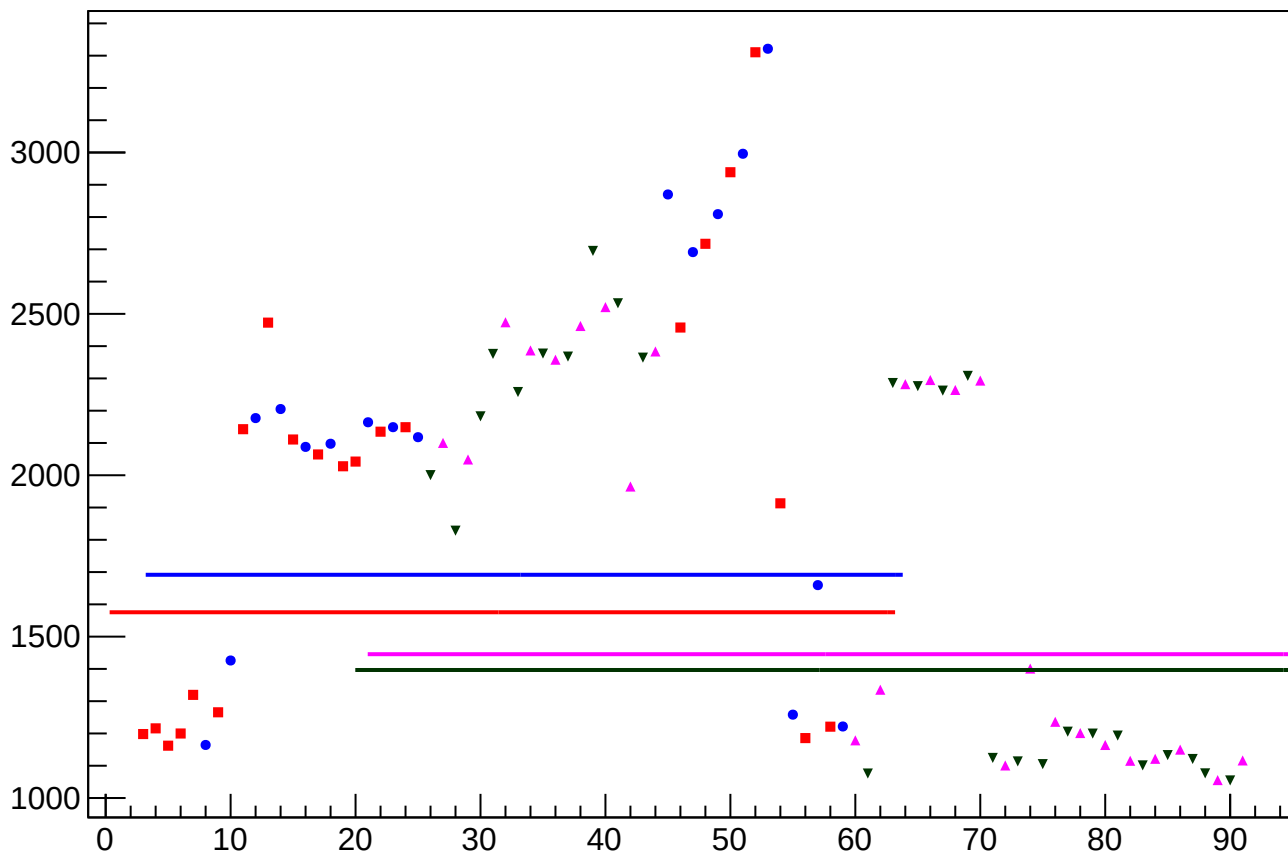
Right Out: -0.654 ± 0.530 χ^2/NDF : 35.0/20

Left In: 0.139 ± 0.414 χ^2/NDF : 29.7/24

0.944 ± 0.333 χ^2/NDF : 41.3/42

-0.161 ± 0.326 χ^2/NDF : 66.2/45

diff_bpm11Y_rms vs slug



Right In: 1691.620+/-0.393 χ^2/NDF : 2144050.6/16

Left Out: 1396.630+/-0.294 χ^2/NDF : 2811377.5/25

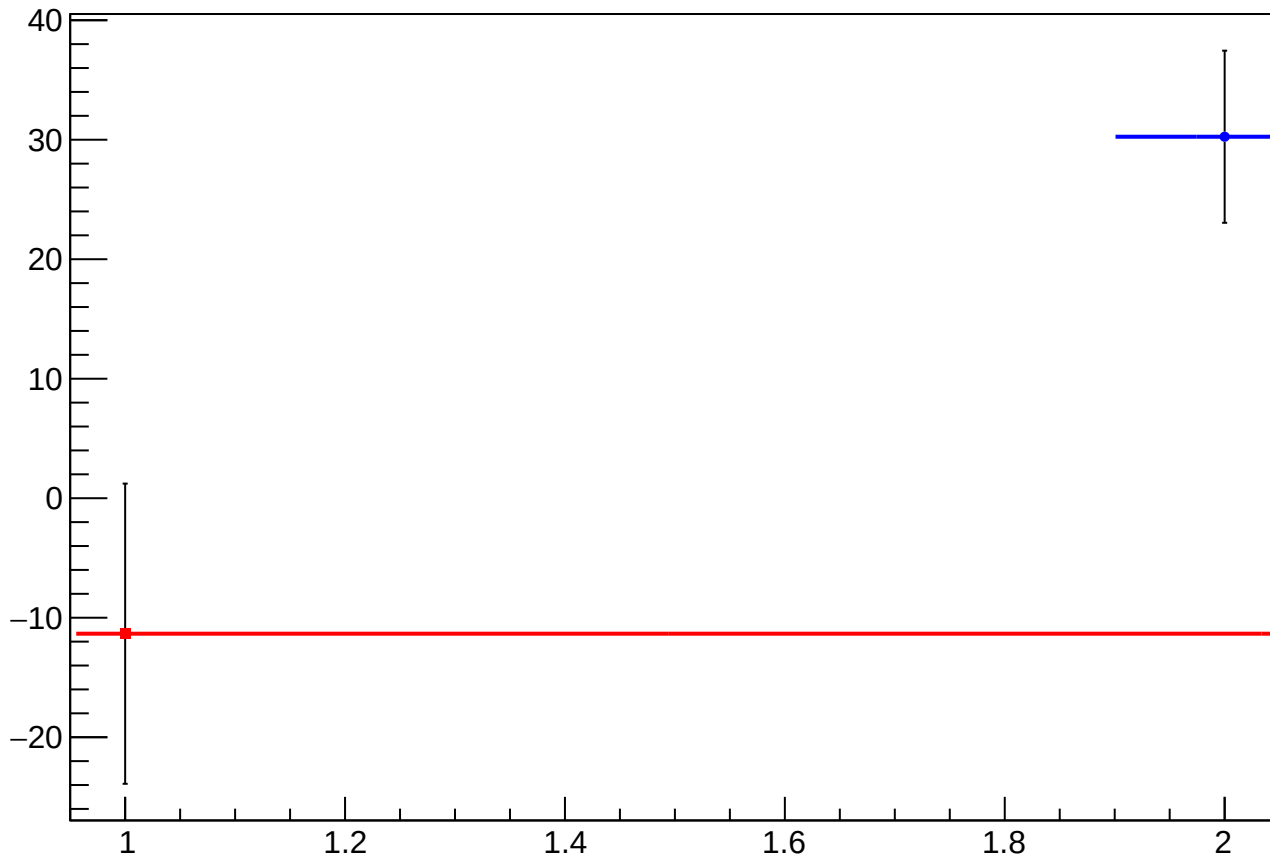
Right Out: 1575.487+/-0.375 χ^2/NDF : 1935250.1/20

Left In: 1445.580+/-0.292 χ^2/NDF : 2804718.4/24

1502.275+/-0.235 χ^2/NDF : 5316219.9/42

1494.772+/-0.230 χ^2/NDF : 4814712.5/45

diff_bpm14X_mean vs slug



Right In: 30.250+/-7.202 χ^2/NDF : 0.0/0

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

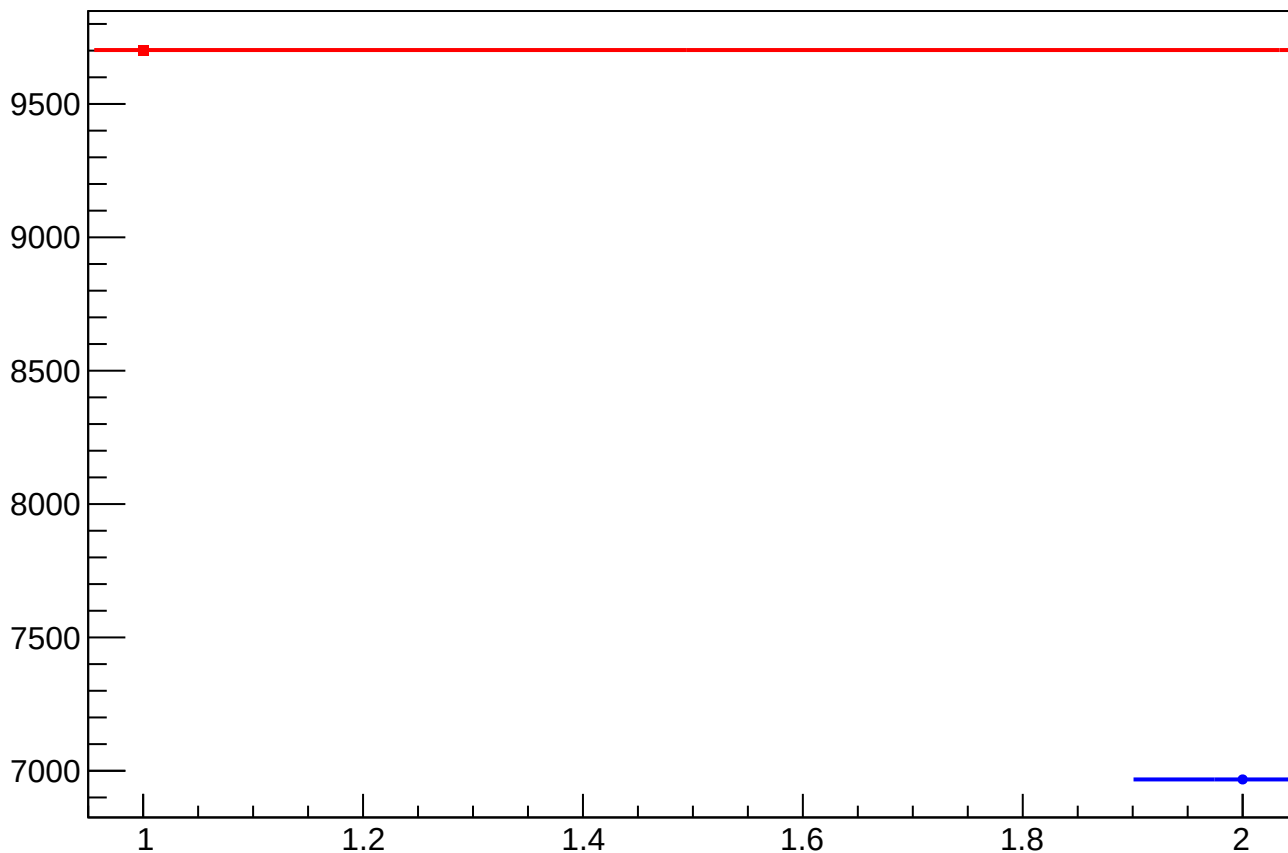
Right Out: -11.337+/-12.561 χ^2/NDF : 0.0/0

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

30.250+/-7.202 χ^2/NDF : 0.0/0

-11.337+/-12.561 χ^2/NDF : 0.0/0

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

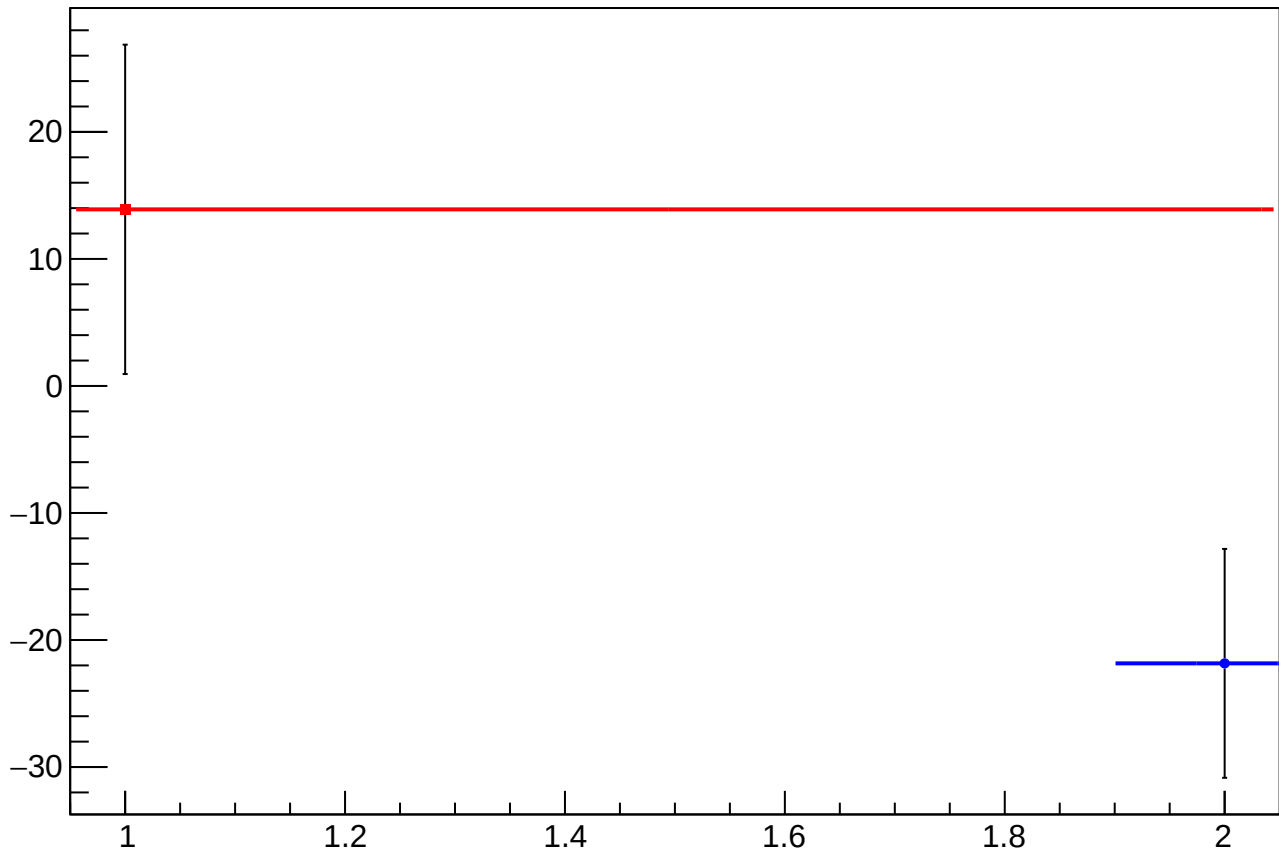
Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

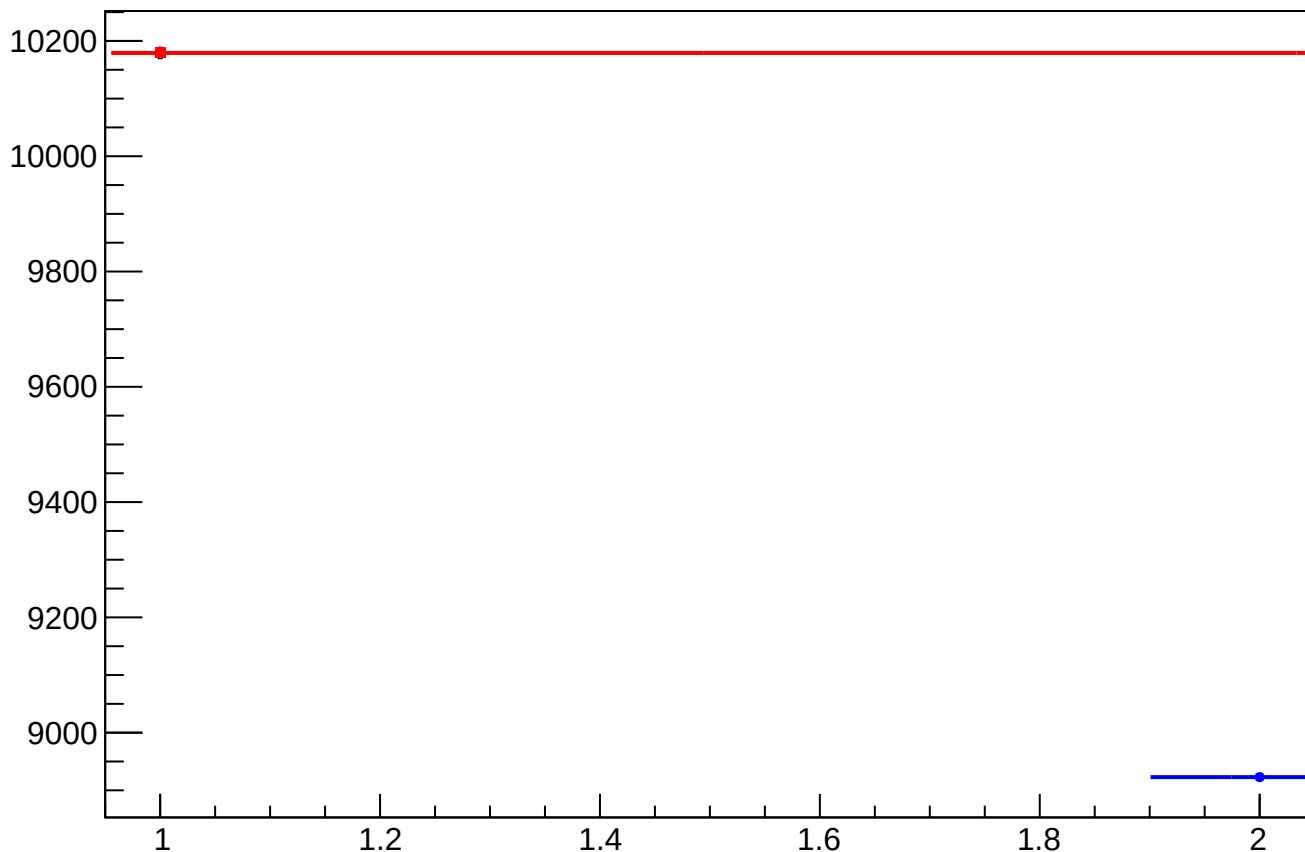
Right Out: 13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

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

-21.839 $\pm$ 9.009 χ^2 /NDF: 0.0/0

13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

diff_bpm14Y_rms vs slug



Right In: 8922.874+/-6.370 χ^2/NDF : 0.0/0

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

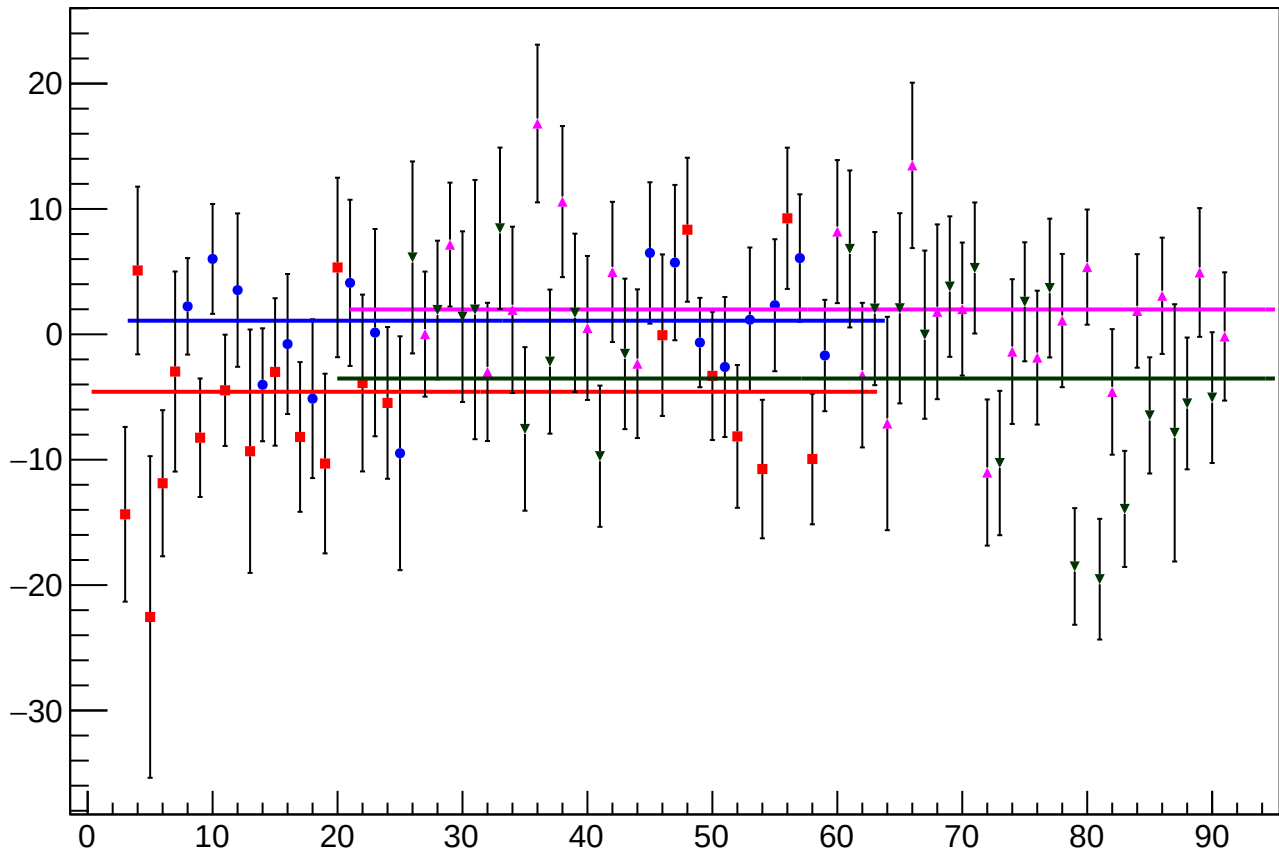
Right Out: 10179.165+/-9.168 χ^2/NDF : 0.0/0

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

8922.874+/-6.370 χ^2/NDF : 0.0/0

10179.165+/-9.168 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 1.088 ± 1.265 χ^2/NDF : 8.9/16

Left Out: -3.524 ± 1.136 χ^2/NDF : 50.2/25

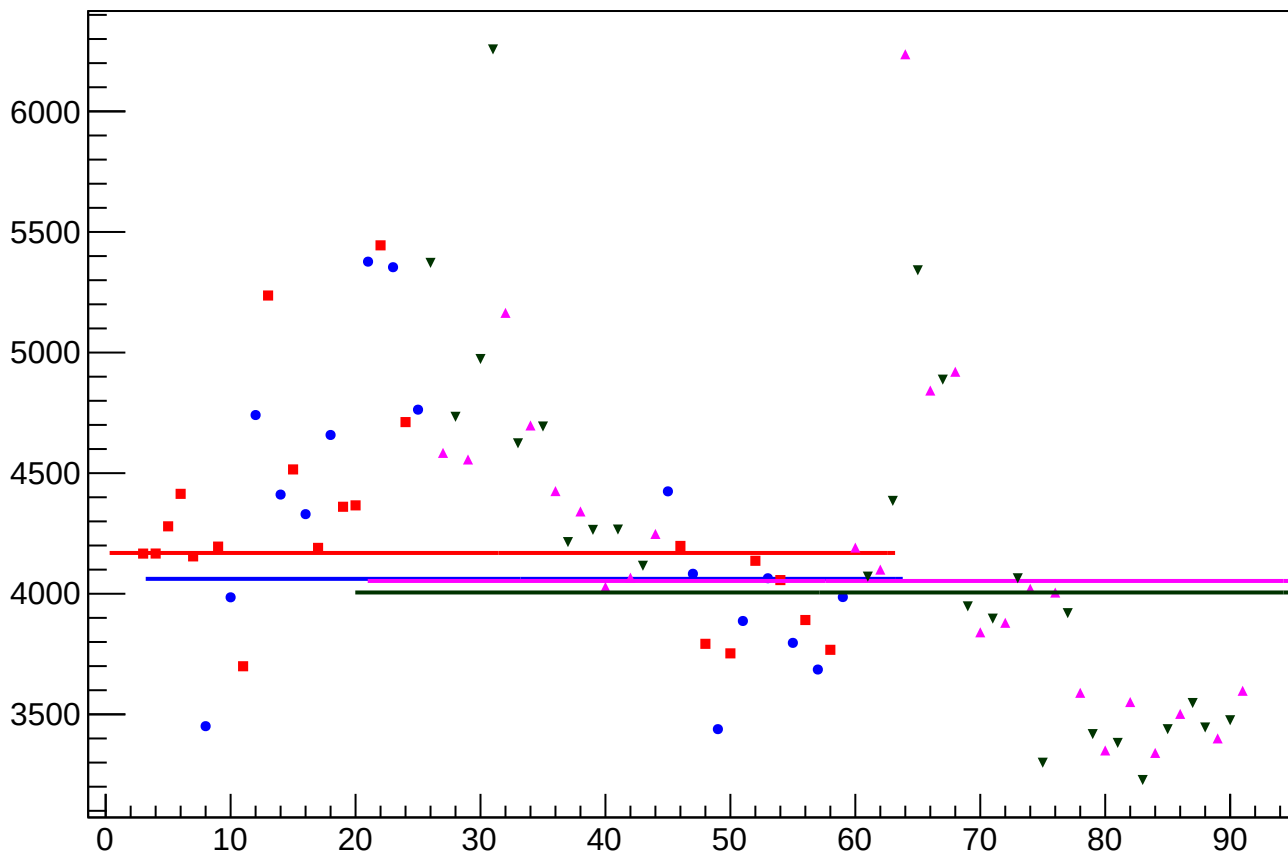
Right Out: -4.581 ± 1.327 χ^2/NDF : 25.8/20

Left In: 1.983 ± 1.103 χ^2/NDF : 25.4/24

-1.465 ± 0.845 χ^2/NDF : 66.5/42

-0.699 ± 0.848 χ^2/NDF : 65.7/45

diff_bpm16X_rms vs slug



Right In: 4061.774 $\pm$ 0.894 χ^2 /NDF: 336930.3/16

Left Out: 4005.280 $\pm$ 0.803 χ^2 /NDF: 635023.6/25

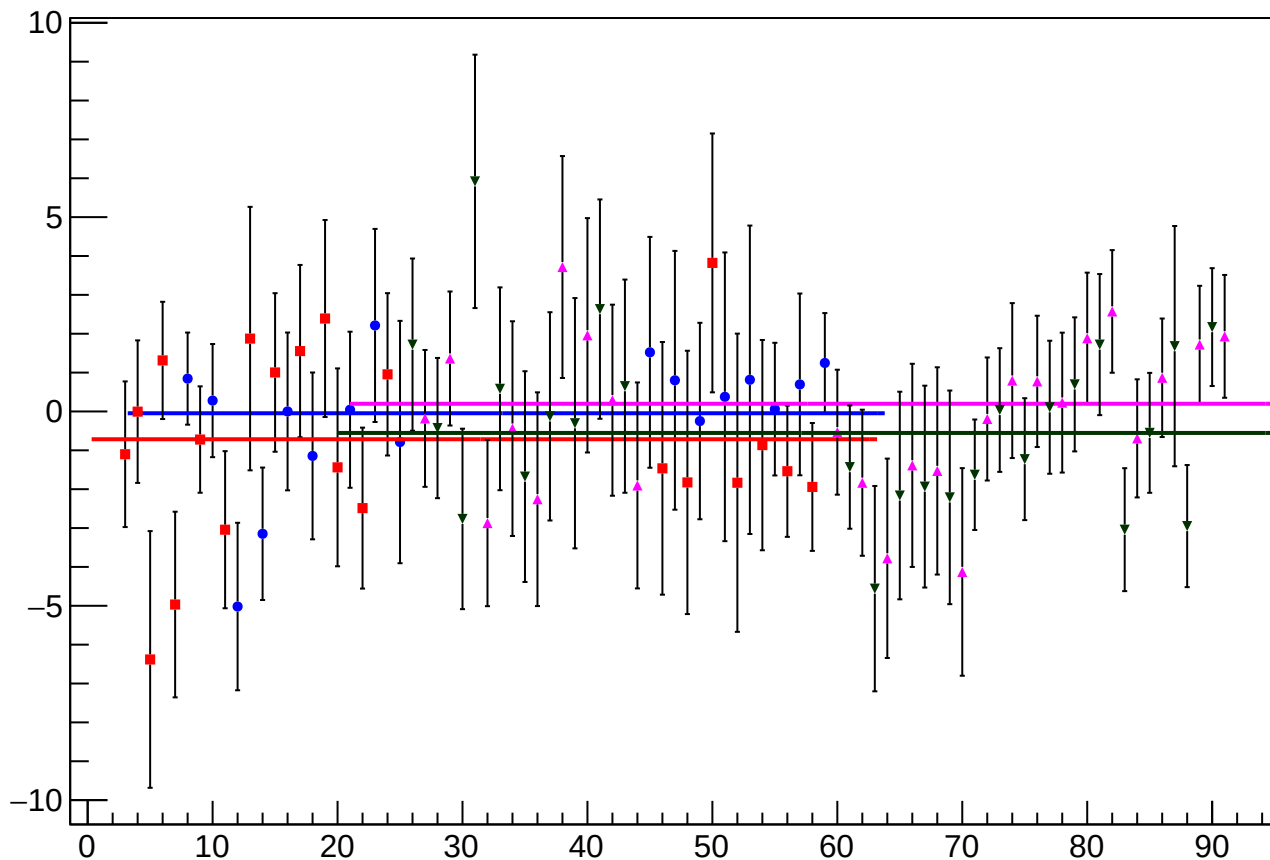
Right Out: 4169.133 $\pm$ 0.938 χ^2 /NDF: 181284.7/20

Left In: 4053.047 $\pm$ 0.780 χ^2 /NDF: 563407.8/24

4030.499 $\pm$ 0.597 χ^2 /NDF: 974163.8/42

4100.477 $\pm$ 0.600 χ^2 /NDF: 753751.0/45

diff_bpm16Y_mean vs slug



Right In: -0.046 ± 0.480 χ^2/NDF : 11.9/16

Left Out: -0.553 ± 0.390 χ^2/NDF : 23.1/25

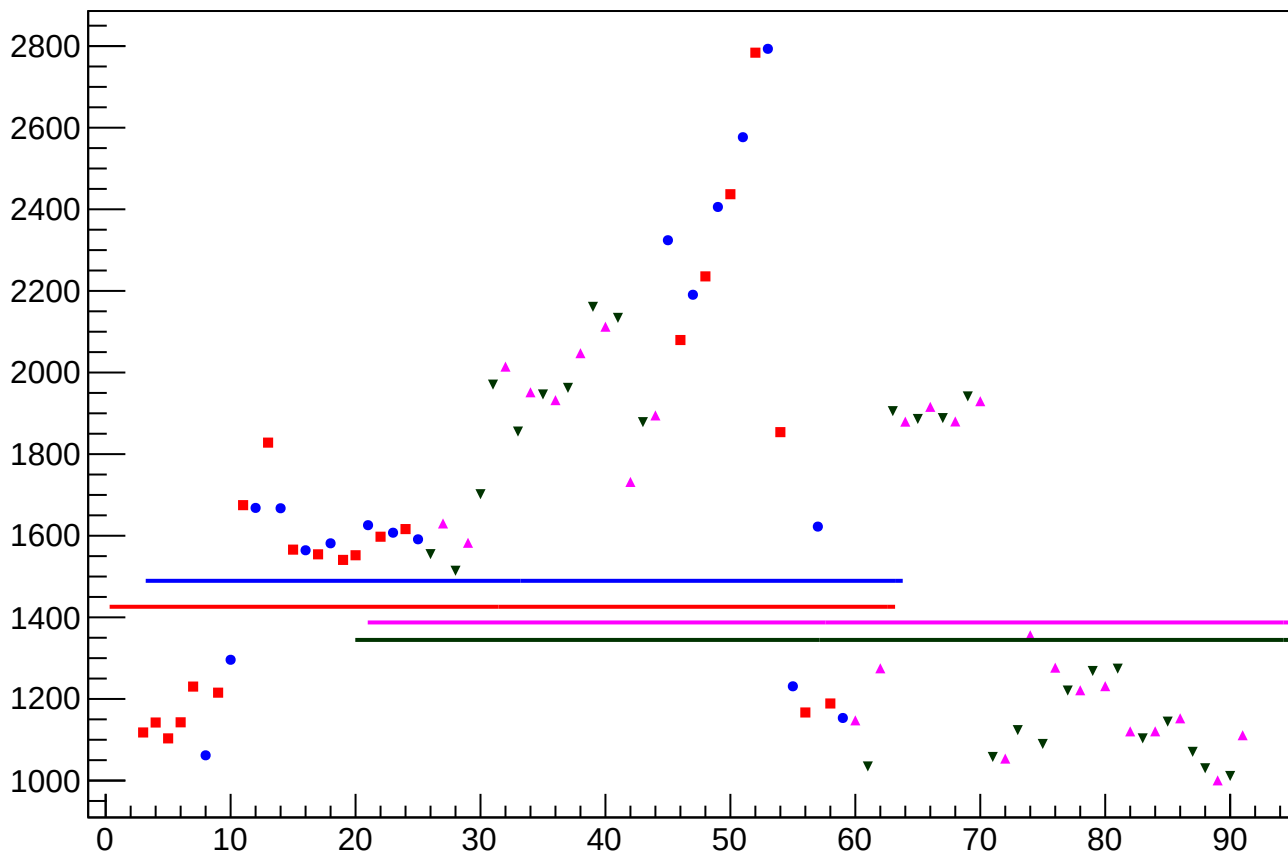
Right Out: -0.715 ± 0.468 χ^2/NDF : 17.6/20

Left In: 0.198 ± 0.386 χ^2/NDF : 19.4/24

-0.351 ± 0.303 χ^2/NDF : 35.7/42

-0.172 ± 0.298 χ^2/NDF : 39.3/45

diff_bpm16Y_rms vs slug



Right In: 1489.522+/-0.339 χ^2/NDF : 1439802.2/16

Left Out: 1344.679+/-0.276 χ^2/NDF :1692687.0/25

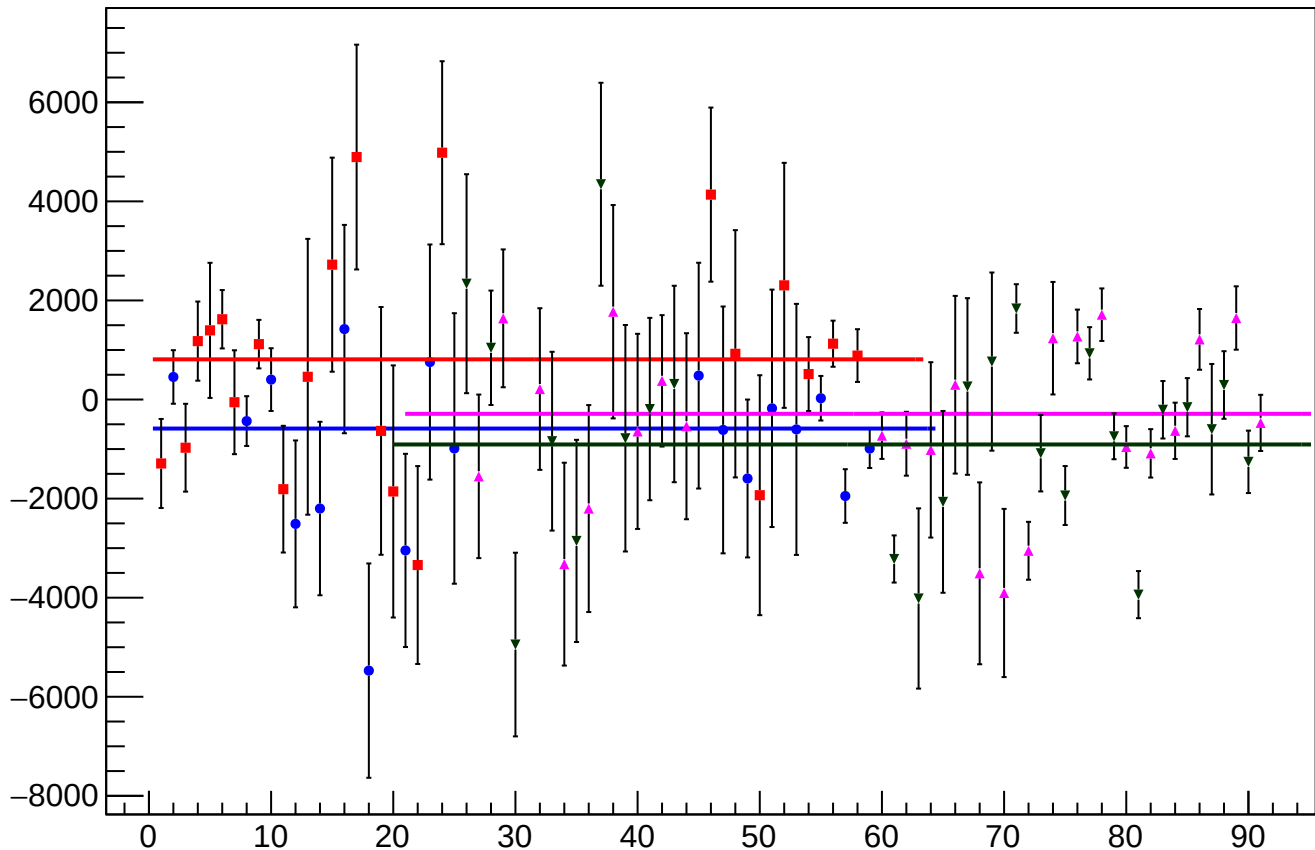
Right Out: 1425.925+/-0.331 χ^2/NDF : 1134958.5/20

Left In: 1387.478+/-0.273 χ^2/NDF :1581223.7/24

1402.331+/-0.214 χ^2/NDF : 3242253.8/42

1403.070+/-0.211 χ^2/NDF : 2724208.8/45

asym_sam1_mean vs slug



Right In: -585.884+/-190.719 χ^2/NDF : 26.2/17

Left Out: -907.189+/-156.402 χ^2/NDF :139.8/24

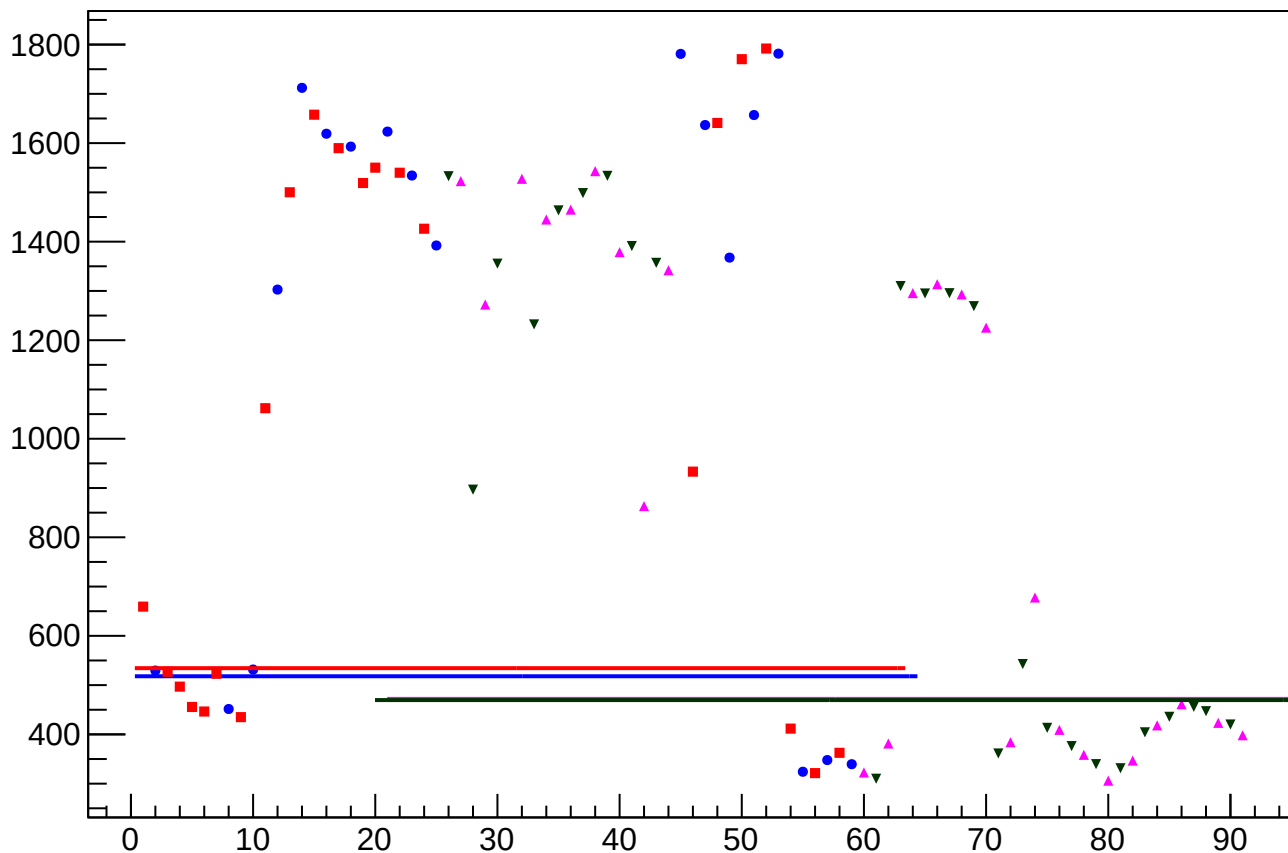
Right Out: 811.072+/-198.649 χ^2/NDF : 37.8/21

Left In: -288.536+/-152.314 χ^2/NDF :84.1/24

-777.994+/-120.937 χ^2/NDF : 167.8/42

118.581+/-120.872 χ^2/NDF : 141.2/46

asym_sam1_rms vs slug



Right In: 517.969+/-0.135 χ^2/NDF : 7175753.0/17

Left Out: 469.635+/-0.111 χ^2/NDF : 6315272.4/24

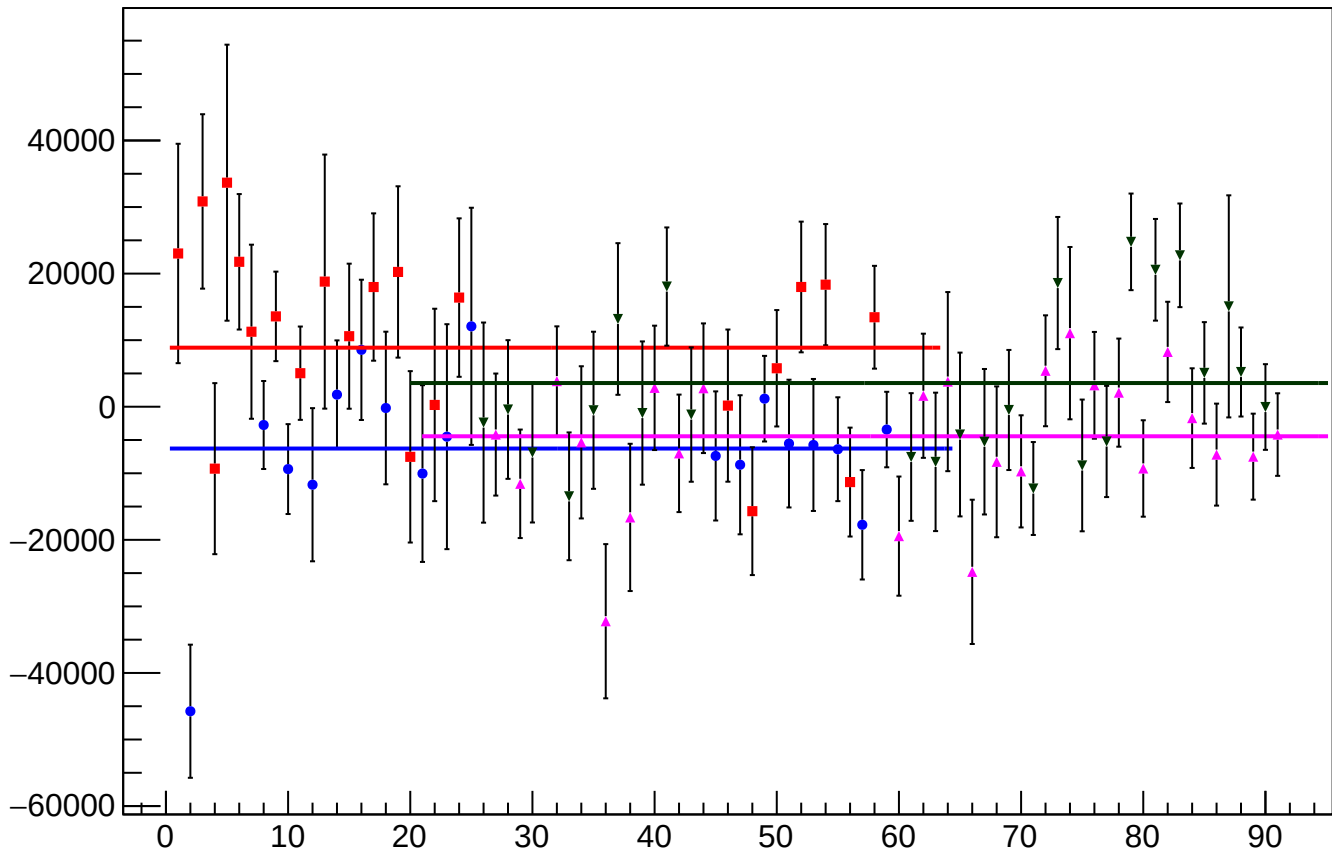
Right Out: 534.394+/-0.140 χ^2/NDF : 5549513.5/21

Left In: 472.039+/-0.108 χ^2/NDF : 7380471.4/24

489.070+/-0.086 χ^2/NDF : 13567826.3/42

495.125+/-0.085 χ^2/NDF : 13054088.4/46

asym_sam2_mean vs slug



Right In: -6282.756 $\pm$ 2068.735 χ^2 /NDF: 24.3/17

Left Out: 3558.894 $\pm$ 1819.561 χ^2 /NDF:42.8/24

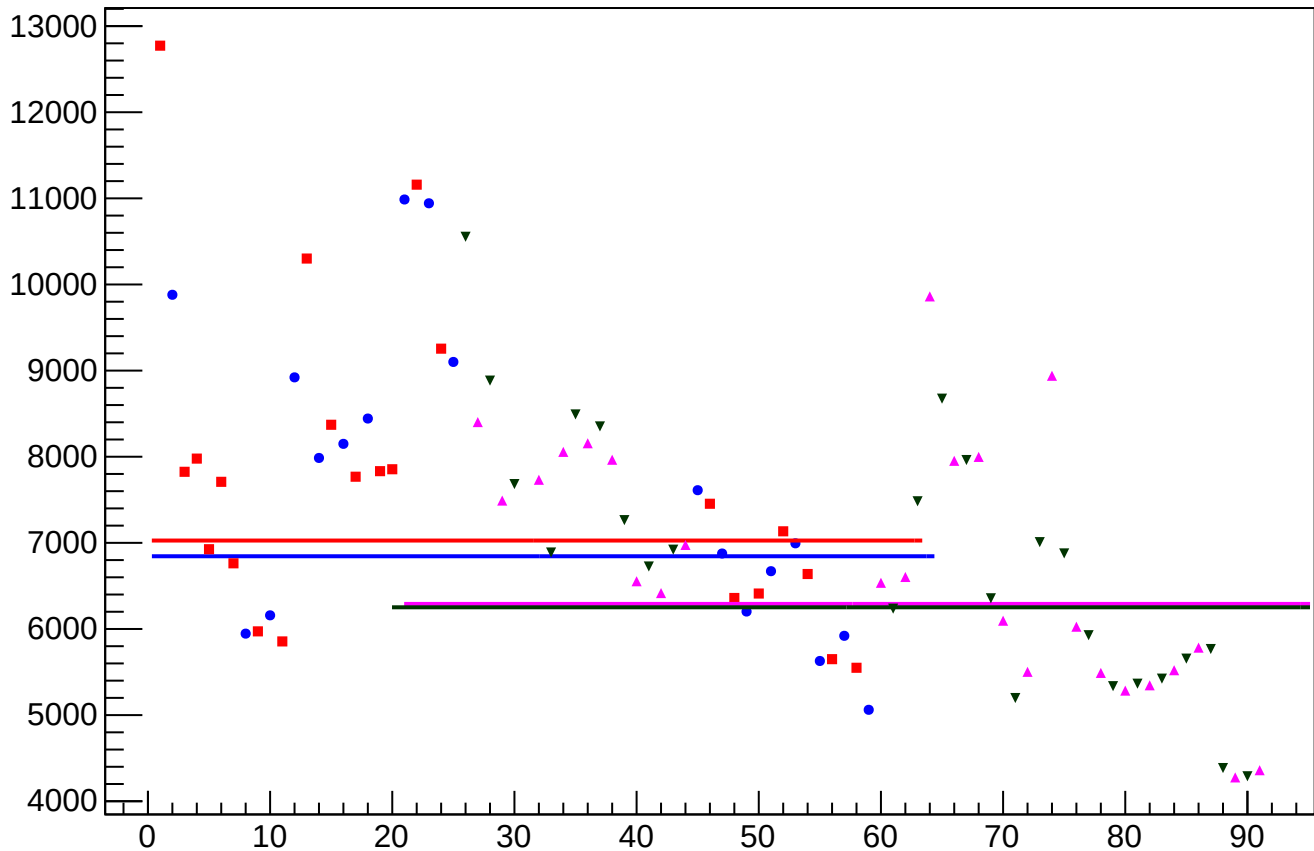
Right Out: 8871.618 $\pm$ 2209.696 χ^2 /NDF: 29.2/21

Left In: -4440.315 $\pm$ 1734.751 χ^2 /NDF:25.8/24

-733.829 $\pm$ 1366.272 χ^2 /NDF: 79.9/42

635.687 $\pm$ 1364.498 χ^2 /NDF: 77.4/46

asym_sam2_rms vs slug



Right In: 6844.392+/-1.463 χ^2/NDF : 1065224.5/17

Left Out: 6251.743+/-1.287 χ^2/NDF : 1169303.7/24

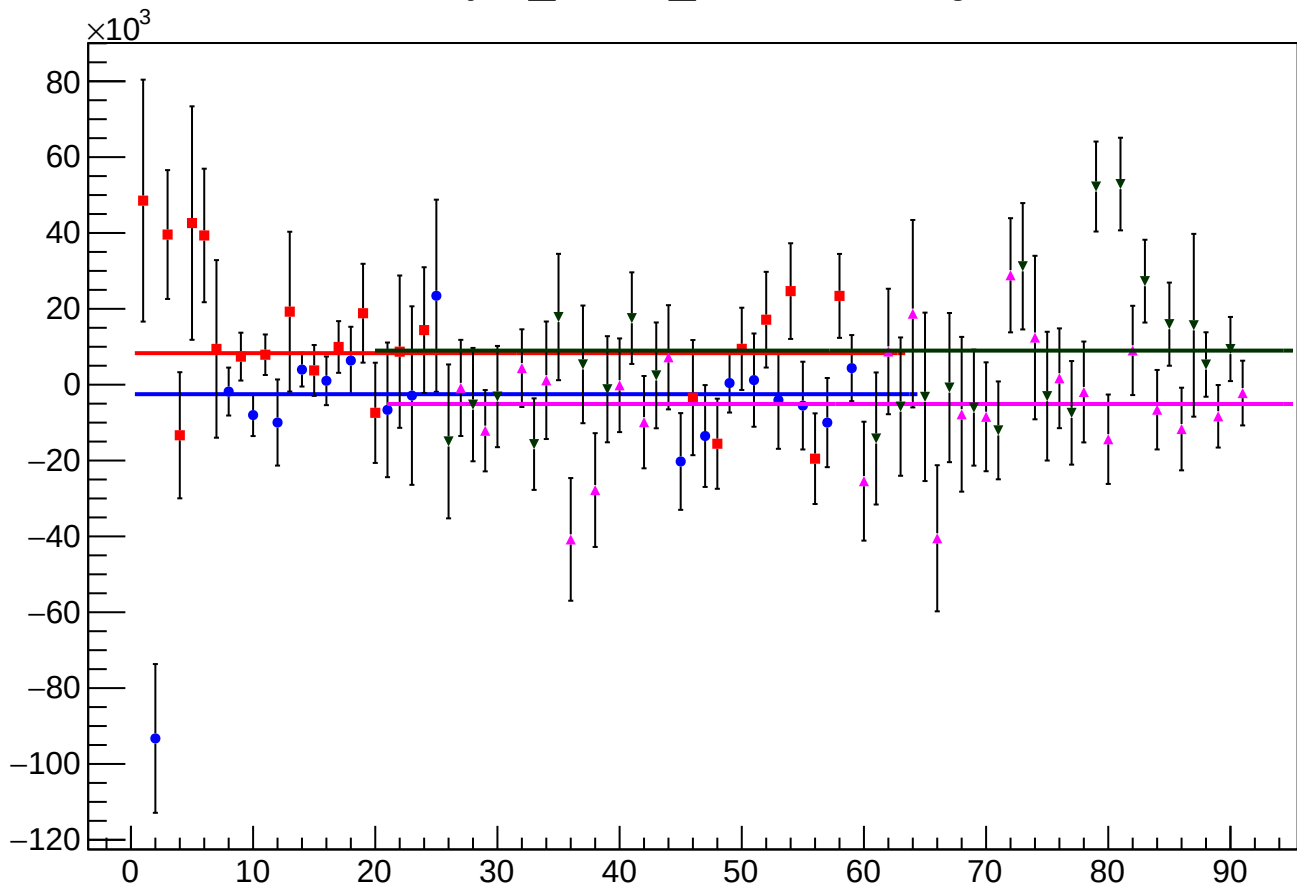
Right Out: 7026.855+/-1.562 χ^2/NDF : 880304.4/21

Left In: 6290.987+/-1.227 χ^2/NDF : 1217712.1/24

6510.244+/-0.966 χ^2/NDF : 2327073.9/42

6571.582+/-0.965 χ^2/NDF : 2235242.5/46

asym_sam3_mean vs slug



Right In: -2503.062 $\pm$ 2082.838 χ^2 /NDF: 31.3/17

Left Out: 8986.162 $\pm$ 2692.279 χ^2 /NDF: 48.9/24

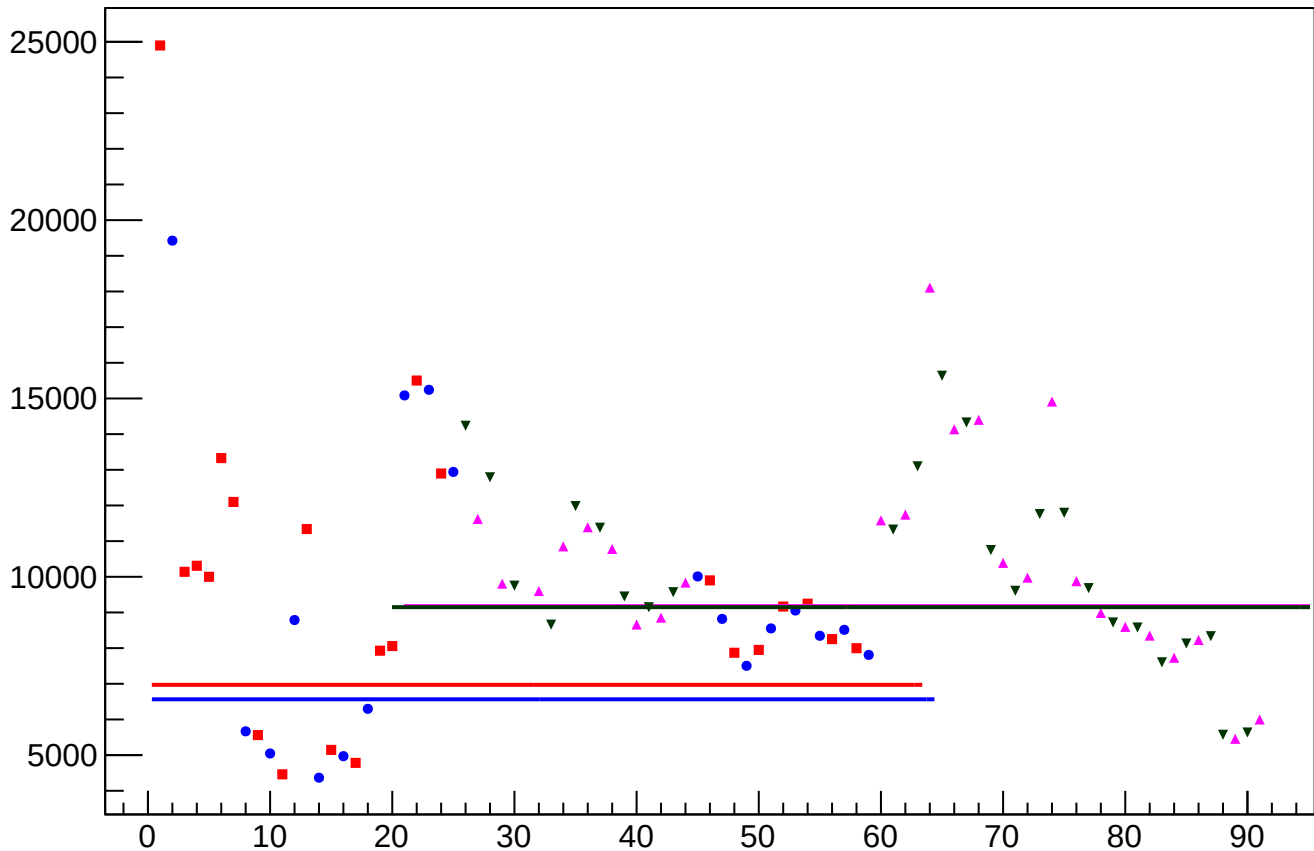
Right Out: 8313.951 $\pm$ 2320.179 χ^2 /NDF: 28.1/21

Left In: -5090.107 $\pm$ 2554.673 χ^2 /NDF: 25.4/24

1798.699 $\pm$ 1647.396 χ^2 /NDF: 91.6/42

2255.207 $\pm$ 1717.546 χ^2 /NDF: 68.6/46

asym_sam3_rms vs slug



Right In: 6565.265+/-1.473 χ^2/NDF : 3099662.5/17

Left Out: 9149.037+/-1.904 χ^2/NDF :1679795.1/24

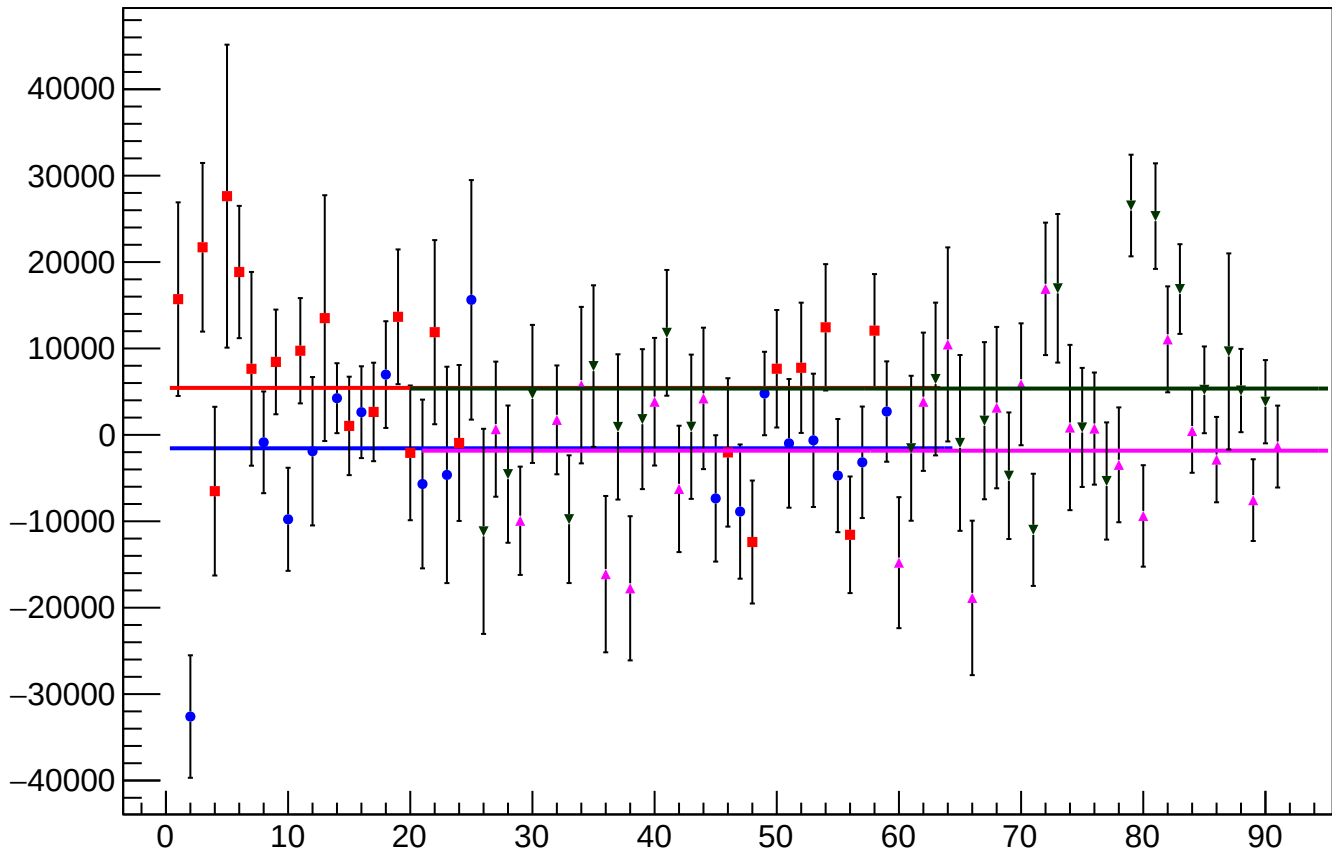
Right Out: 6971.174+/-1.641 χ^2/NDF : 3048541.7/21

Left In: 9177.616+/-1.806 χ^2/NDF :1718380.9/24

7532.673+/-1.165 χ^2/NDF : 5931804.7/42

7968.504+/-1.214 χ^2/NDF : 5584480.5/46

asym_sam4_mean vs slug



Right In: -1552.067 $\pm$ 1533.551 χ^2/NDF : 31.5/17

Left Out: 5361.523 $\pm$ 1407.384 χ^2/NDF : 52.3/24

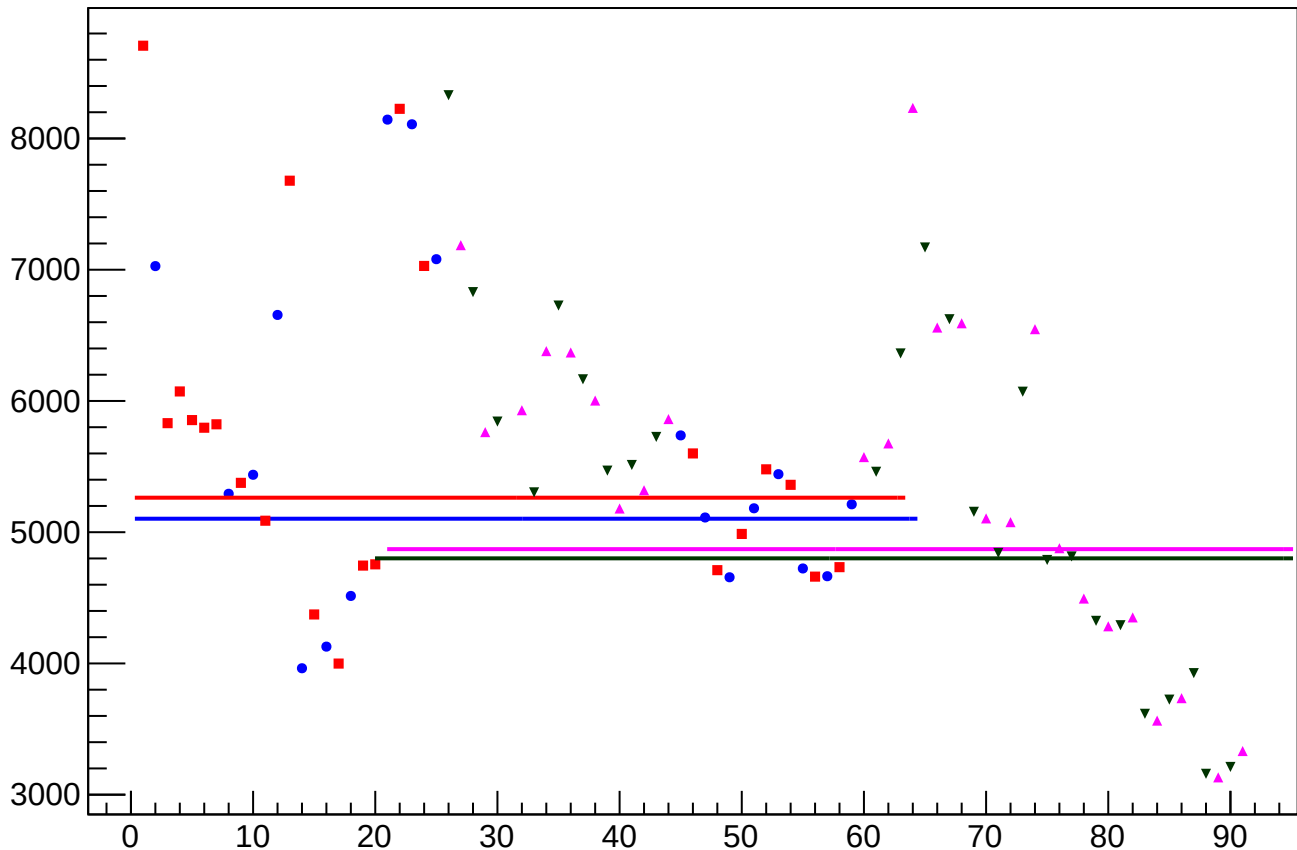
2200.777 $\pm$ 1036.910 χ^2/NDF : 94.9/42

Right Out: 5437.234 $\pm$ 1647.336 χ^2/NDF : 30.2/21

1098.988 $\pm$ 1045.841 χ^2/NDF : 76.0/46

Left In: -1830.203 $\pm$ 1353.627 χ^2/NDF : 34.2/24

asym_sam4_rms vs slug



Right In: 5102.758+/-1.084 χ^2/NDF : 868083.9/17

Left Out: 4800.768+/-0.995 χ^2/NDF :1542154.3/24

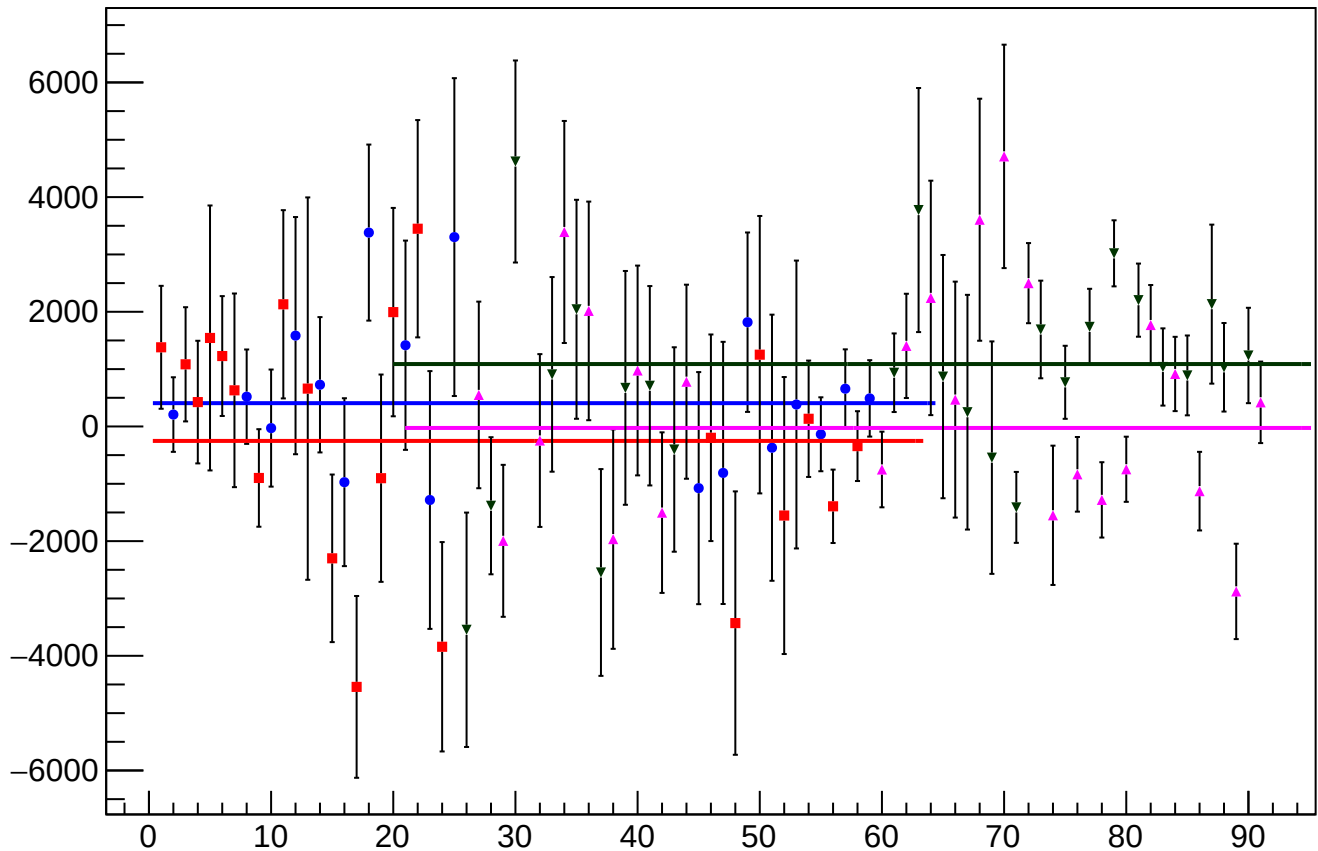
Right Out: 5262.948+/-1.165 χ^2/NDF : 731586.3/21

Left In: 4870.940+/-0.957 χ^2/NDF :1654901.6/24

4938.831+/-0.733 χ^2/NDF : 2452337.5/42

5028.941+/-0.740 χ^2/NDF : 2454094.4/46

asym_sam5_mean vs slug



Right In: 406.427 ± 256.189 χ^2/NDF : 9.9/17

Left Out: 1088.451 ± 188.197 χ^2/NDF : 54.0/24

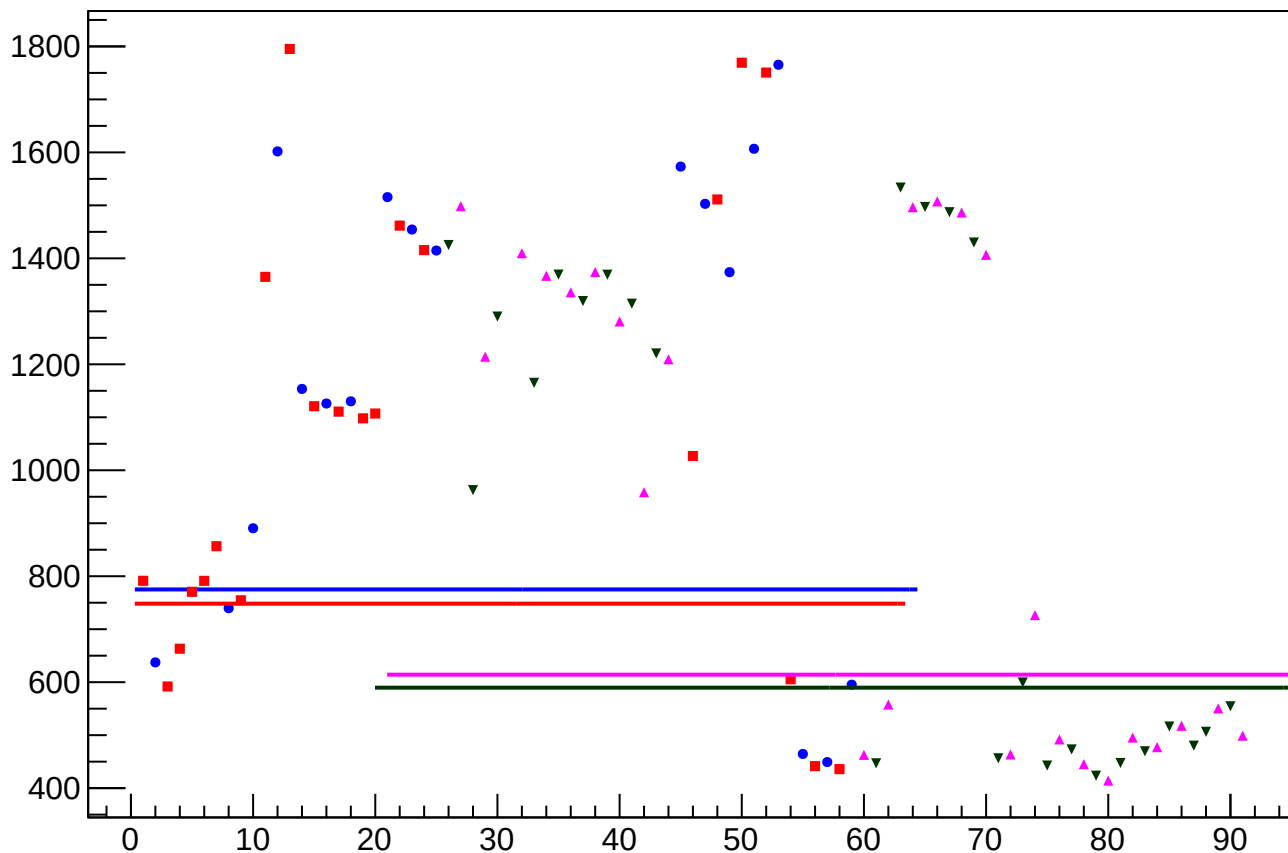
Right Out: -252.230 ± 257.763 χ^2/NDF : 34.7/21

Left In: -26.002 ± 187.912 χ^2/NDF : 68.0/24

849.403 ± 151.671 χ^2/NDF : 68.5/42

-104.509 ± 151.845 χ^2/NDF : 103.2/46

asym_sam5_rms vs slug



Right In: 775.057 $\pm$ 0.181 χ^2 /NDF: 3919287.9/17

Left Out: 589.664 $\pm$ 0.133 χ^2 /NDF:4851795.2/24

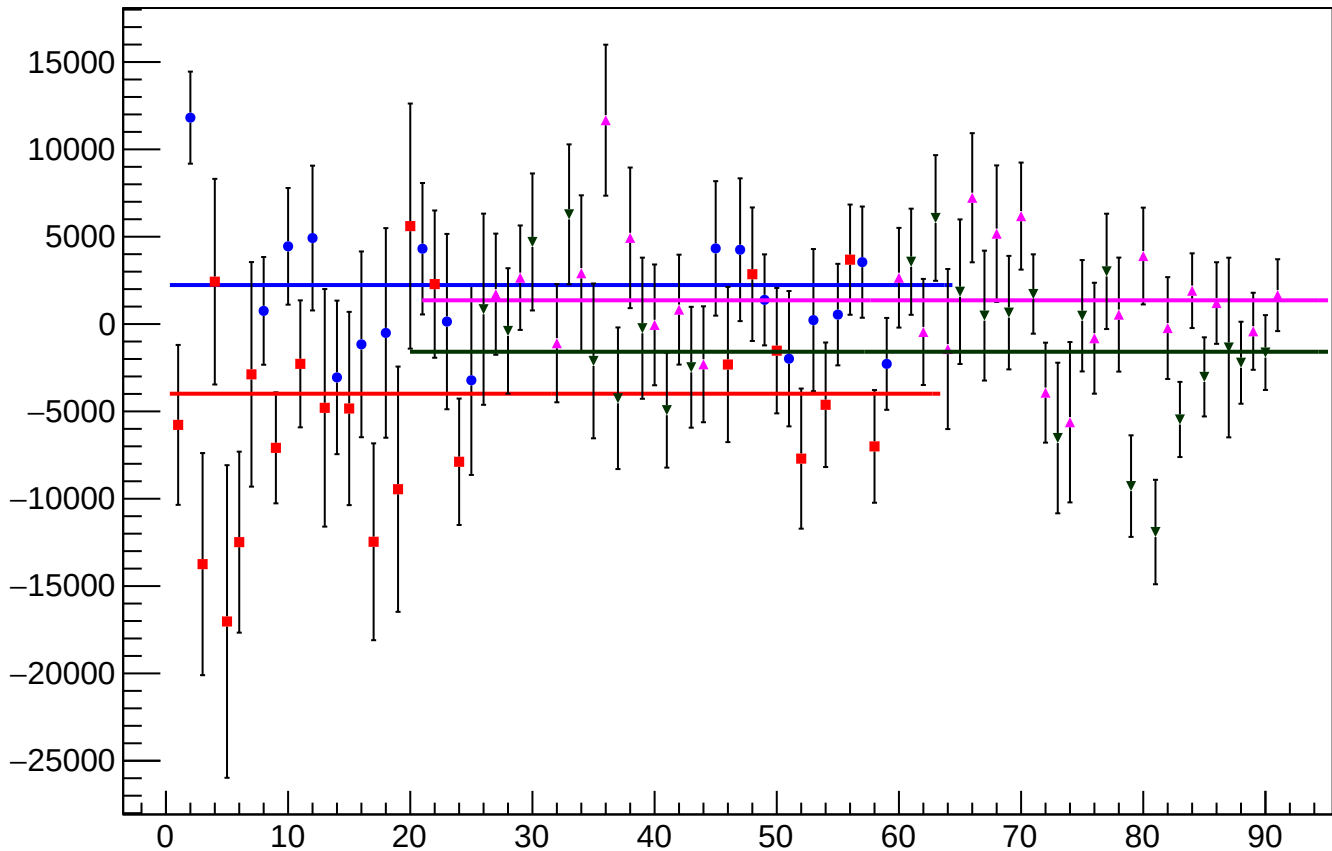
Right Out: 748.222 $\pm$ 0.182 χ^2 /NDF: 3488524.4/21

Left In: 614.183 $\pm$ 0.133 χ^2 /NDF:5442899.9/24

654.644 $\pm$ 0.107 χ^2 /NDF: 9451340.6/42

660.698 $\pm$ 0.107 χ^2 /NDF: 9284565.5/46

asym_sam6_mean vs slug



Right In: 2232.786 $\pm$ 839.285 χ^2 /NDF: 23.4/17

Left Out: -1585.970 $\pm$ 630.620 χ^2 /NDF:45.7/24

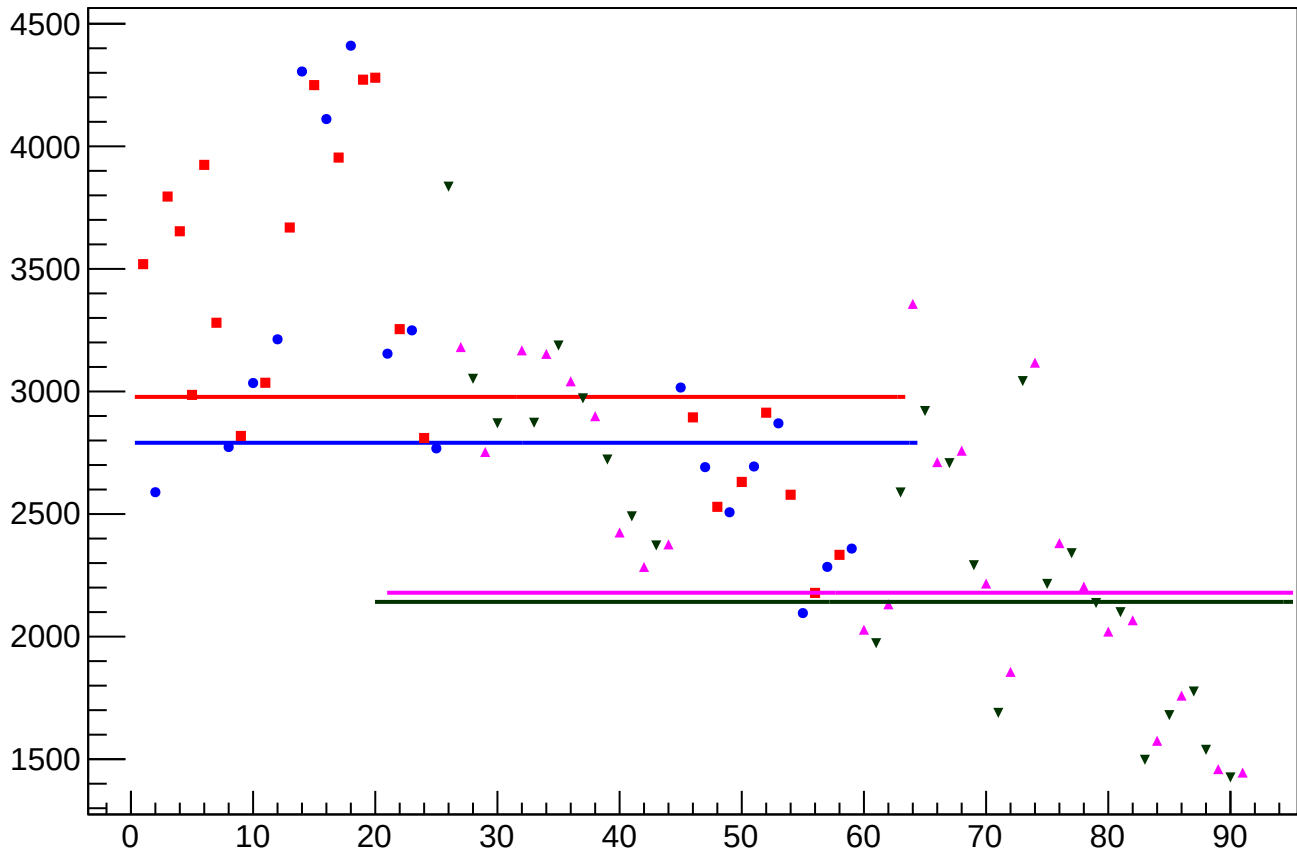
Right Out: -3987.707 $\pm$ 935.216 χ^2 /NDF: 29.4/21

Left In: 1358.711 $\pm$ 608.392 χ^2 /NDF:23.7/24

-207.987 $\pm$ 504.162 χ^2 /NDF: 82.3/42

-231.083 $\pm$ 509.978 χ^2 /NDF: 76.1/46

asym_sam6_rms vs slug



Right In: 2790.717+/-0.593 χ^2/NDF : 837615.7/17

Left Out: 2141.679+/-0.446 χ^2/NDF : 1685555.3/24

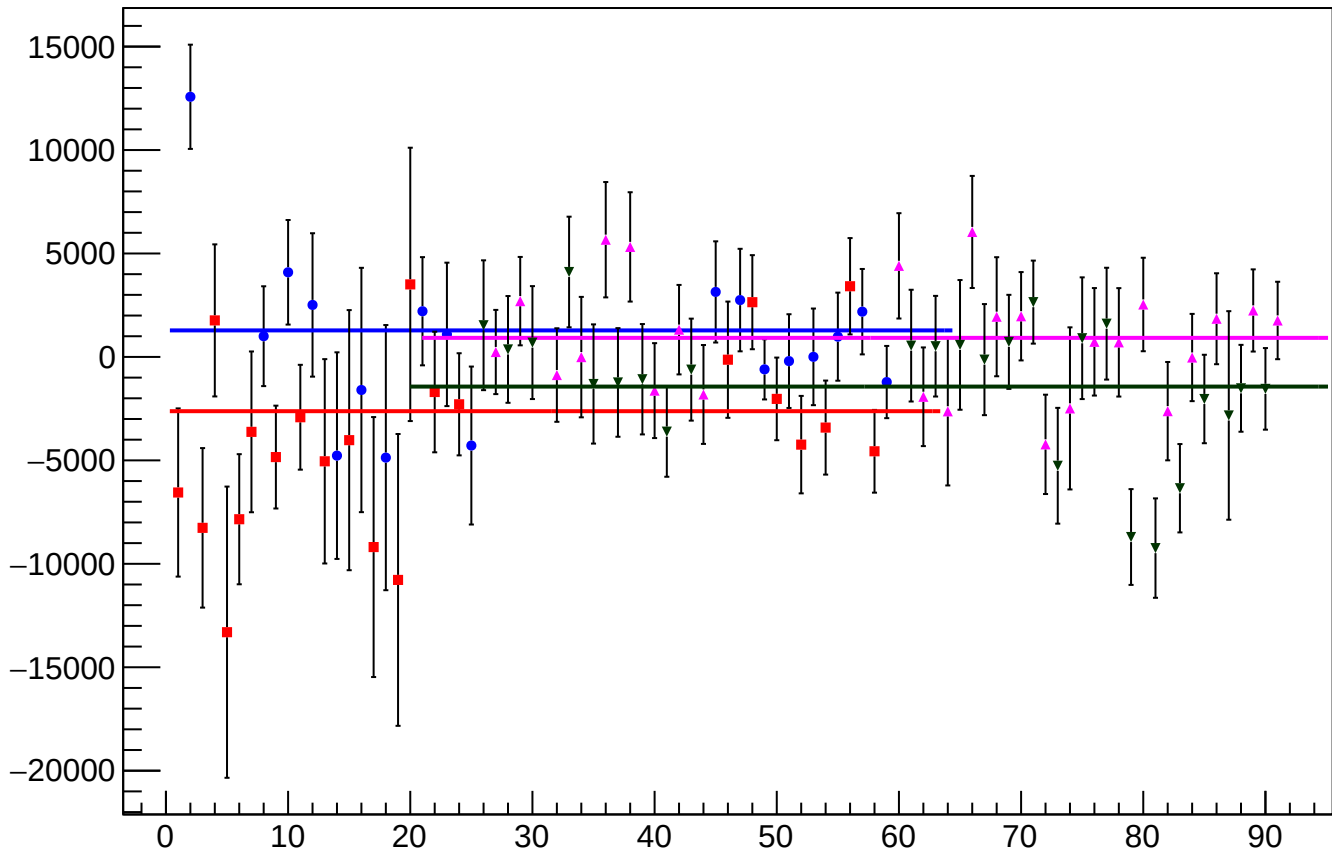
Right Out: 2977.862+/-0.661 χ^2/NDF : 781059.9/21

Left In: 2178.963+/-0.430 χ^2/NDF : 1712266.2/24

2375.882+/-0.356 χ^2/NDF : 3287634.6/42

2416.521+/-0.361 χ^2/NDF : 3518801.1/46

asym_sam7_mean vs slug



Right In: 1282.011+/-584.766 χ^2/NDF : 31.9/17

Left Out: -1433.488+/-500.199 χ^2/NDF : 43.9/24

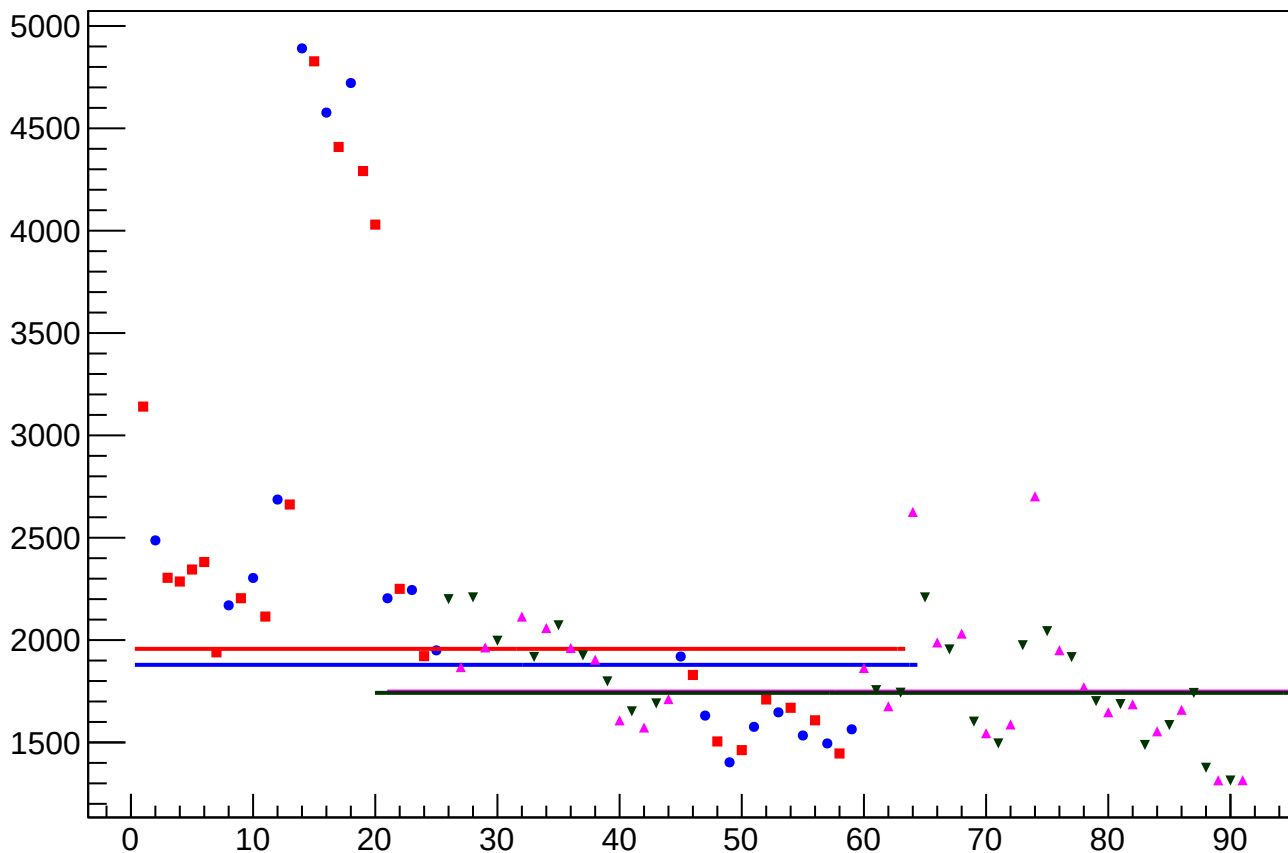
Right Out: -2622.537+/-632.093 χ^2/NDF : 28.6/21

Left In: 921.685+/-477.506 χ^2/NDF : 27.1/24

-286.119+/-380.110 χ^2/NDF : 88.3/42

-366.054+/-381.009 χ^2/NDF : 75.8/46

asym_sam7_rms vs slug



Right In: 1879.027+/-0.413 χ^2/NDF : 2380039.8/17

Left Out: 1742.218+/-0.354 χ^2/NDF : 508992.0/24

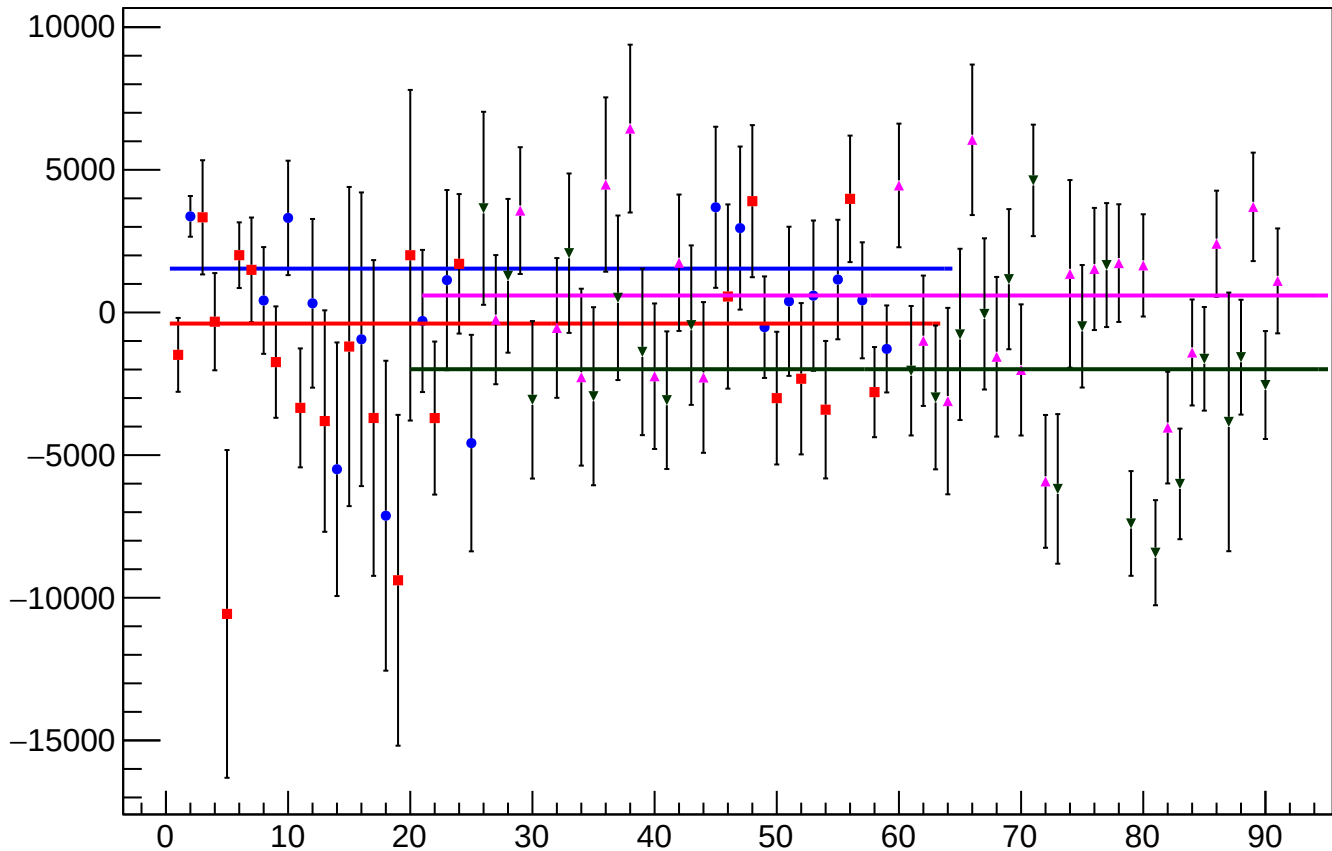
Right Out: 1957.140+/-0.447 χ^2/NDF : 1906457.3/21

Left In: 1748.568+/-0.338 χ^2/NDF : 689112.5/24

1800.023+/-0.269 χ^2/NDF : 2952248.1/42

1824.349+/-0.269 χ^2/NDF : 2734210.0/46

asym_sam8_mean vs slug



Right In: 1536.909 $\pm$ 455.576 χ^2 /NDF: 22.6/17

Left Out: -1988.876 $\pm$ 473.116 χ^2 /NDF: 53.3/24

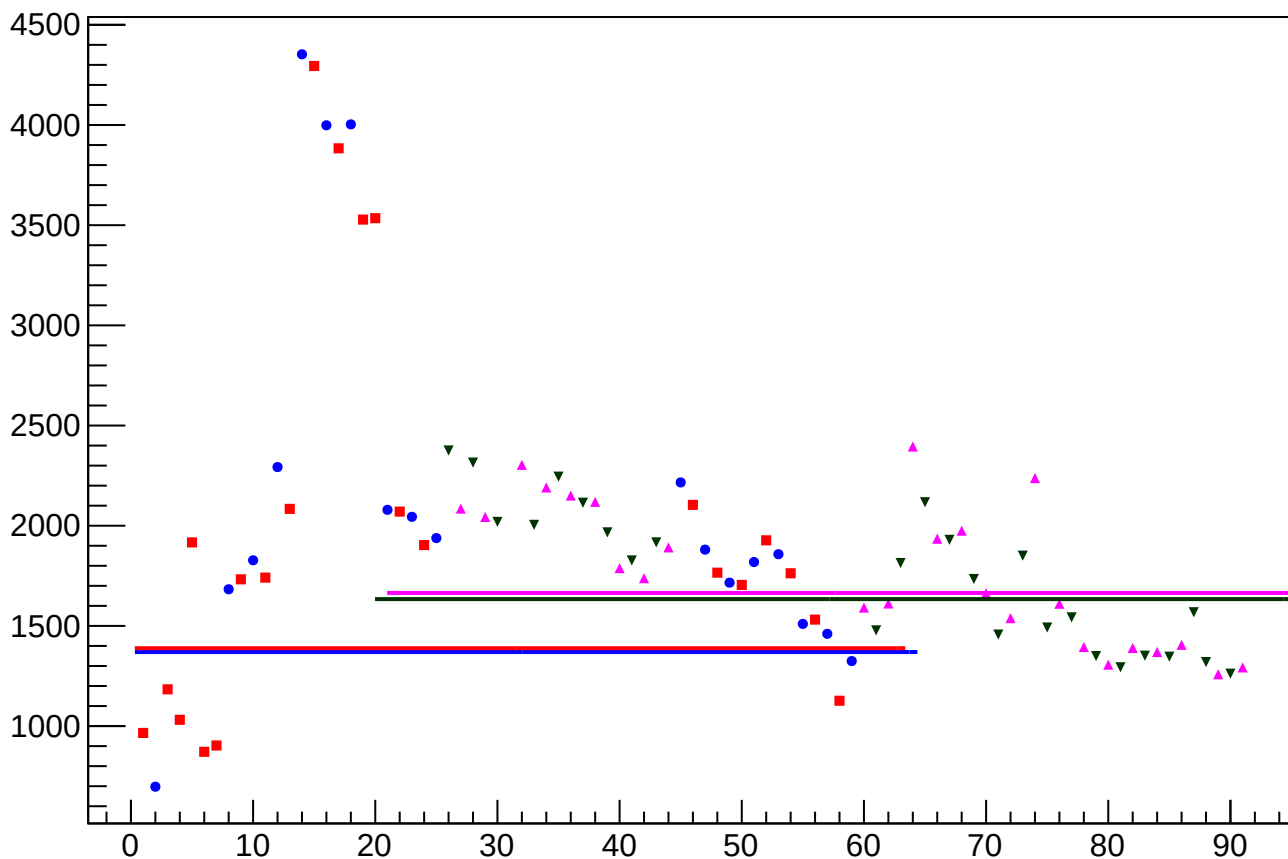
Right Out: -389.046 $\pm$ 466.146 χ^2 /NDF: 33.4/21

Left In: 595.182 $\pm$ 457.556 χ^2 /NDF: 41.5/24

-159.418 $\pm$ 328.167 χ^2 /NDF: 104.7/42

112.220 $\pm$ 326.536 χ^2 /NDF: 77.2/46

asym_sam8_rms vs slug



Right In: 1369.583 $\pm$ 0.322 χ^2 /NDF: 4781826.3/17

Left Out: 1633.723 $\pm$ 0.335 χ^2 /NDF:967379.1/24

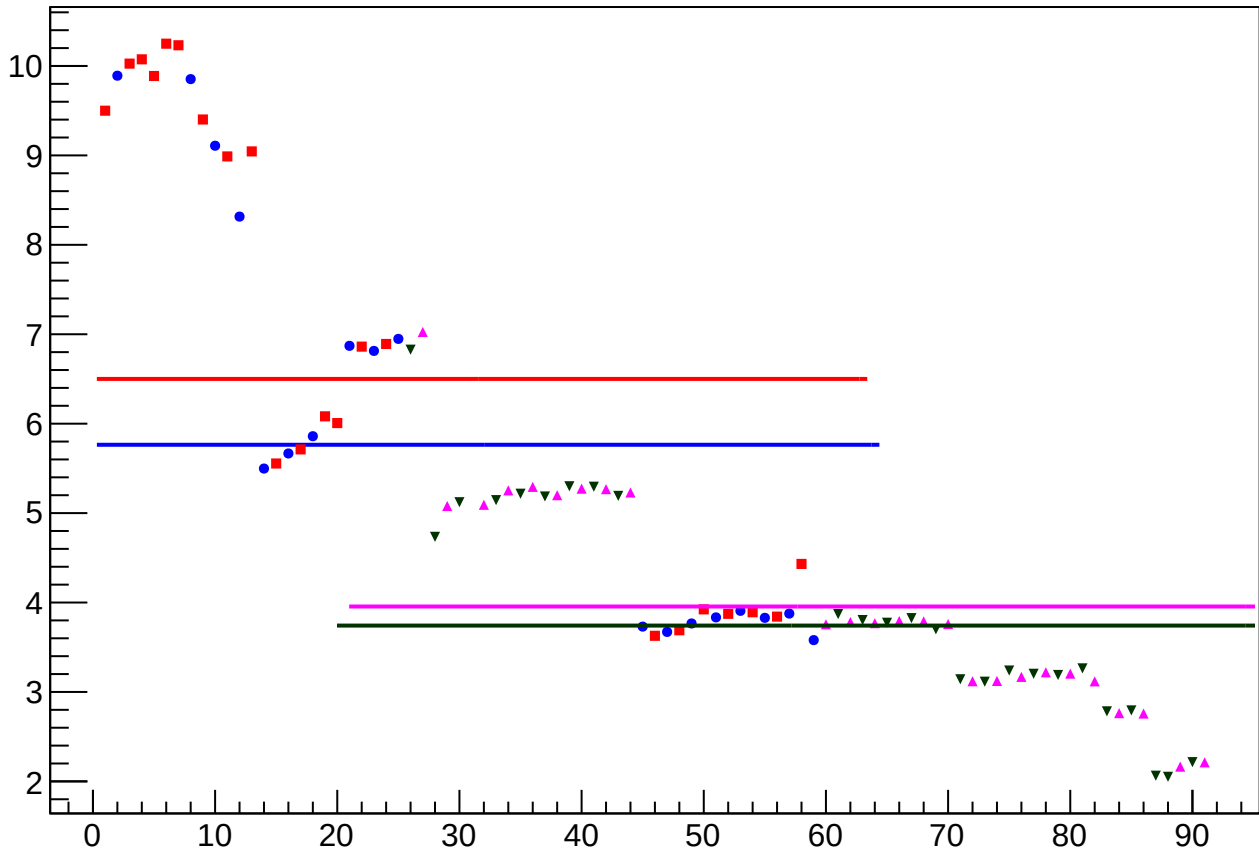
Right Out: 1388.727 $\pm$ 0.330 χ^2 /NDF: 3146016.3/21

Left In: 1664.480 $\pm$ 0.324 χ^2 /NDF:1073363.0/24

1496.666 $\pm$ 0.232 χ^2 /NDF: 6072671.9/42

1529.168 $\pm$ 0.231 χ^2 /NDF: 4575827.5/46

yield_sam1_mean vs slug



Right In: 5.764 $\pm$ 0.000 χ^2/NDF : 157944729561.0/17

Left Out: 3.742 $\pm$ 0.000 χ^2/NDF : 67968837969.1/24

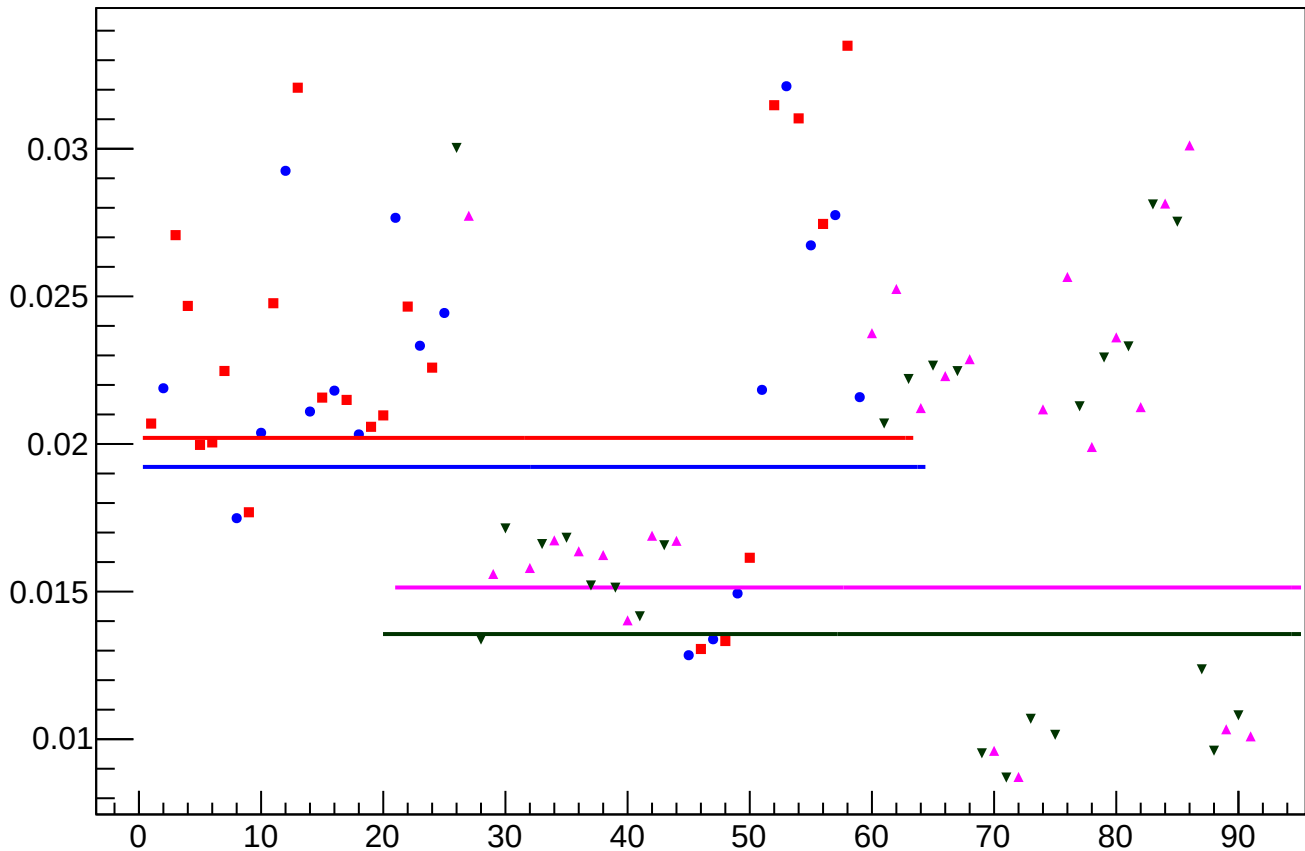
Right Out: 6.501 $\pm$ 0.000 χ^2/NDF : 145427649120.5/21

Left In: 3.955 $\pm$ 0.000 χ^2/NDF : 70390898969.9/24

4.411 $\pm$ 0.000 χ^2/NDF : 300130184319.7/42

4.766 $\pm$ 0.000 χ^2/NDF : 315061759884.5/46

yield_sam1_rms vs slug



Right In: 0.019 $\pm$ 0.000 χ^2 /NDF: 1310550.9/17

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2785542.8/24

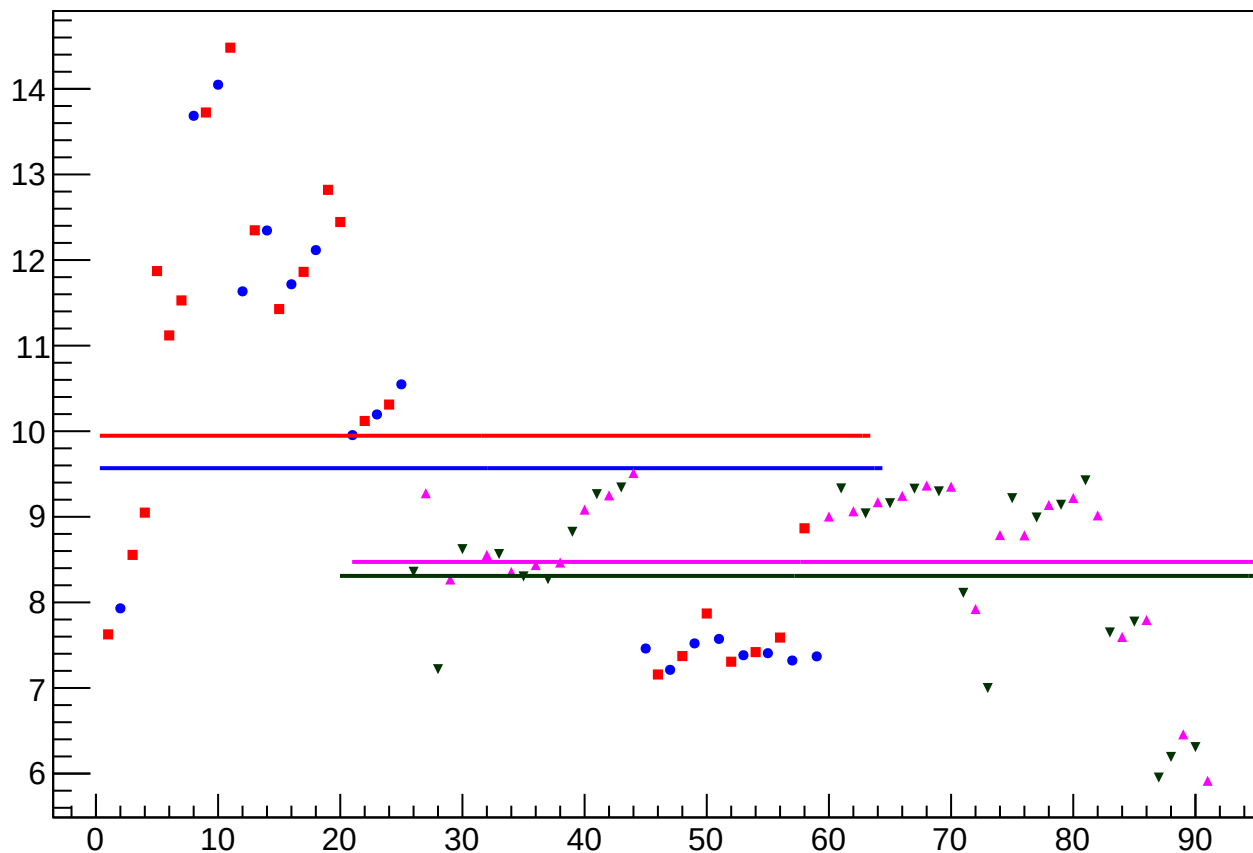
Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1238799.1/21

Left In: 0.015 $\pm$ 0.000 χ^2 /NDF: 2991887.1/24

0.015 $\pm$ 0.000 χ^2 /NDF: 5259873.0/42

0.017 $\pm$ 0.000 χ^2 /NDF: 5017458.9/46

yield_sam2_mean vs slug



Right In: 9.568 $\pm$ 0.000 χ^2 /NDF: 2557451832.8/17

Left Out: 8.309 $\pm$ 0.000 χ^2 /NDF:452771571.3/24

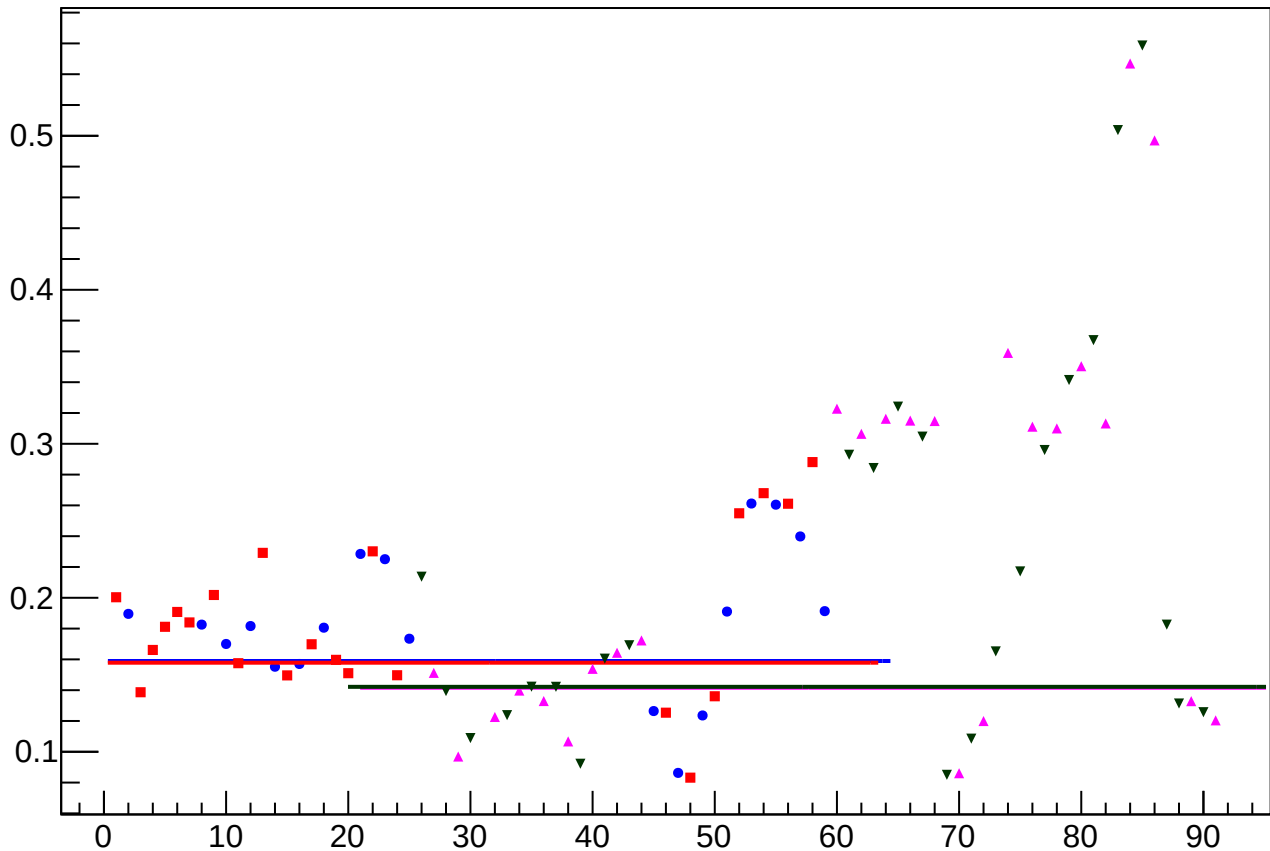
Right Out: 9.947 $\pm$ 0.000 χ^2 /NDF: 2202093123.4/21

Left In: 8.473 $\pm$ 0.000 χ^2 /NDF:431267500.1/24

8.882 $\pm$ 0.000 χ^2 /NDF: 3355551666.0/42

9.084 $\pm$ 0.000 χ^2 /NDF: 3101952585.1/46

yield_sam2_rms vs slug



Right In: 0.159+/-0.000 χ^2/NDF : 1564072.0/17

Left Out: 0.142+/-0.000 χ^2/NDF : 4259480.2/24

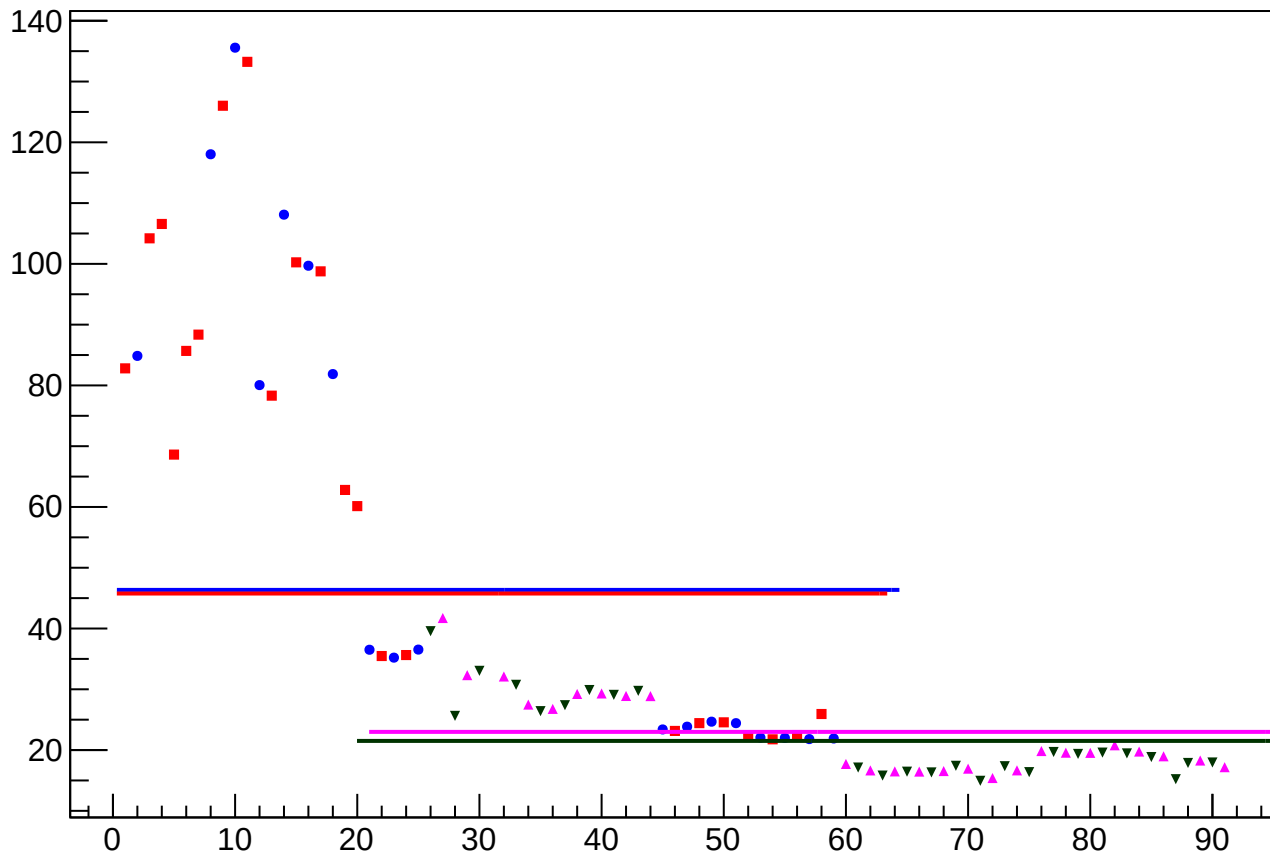
Right Out: 0.158+/-0.000 χ^2/NDF : 1767352.3/21

Left In: 0.142+/-0.000 χ^2/NDF : 5181506.0/24

0.150+/-0.000 χ^2/NDF : 5946241.4/42

0.148+/-0.000 χ^2/NDF : 7063048.0/46

yield_sam3_mean vs slug



Right In: 46.355+/-0.000 χ^2/NDF : 22521012973.2/17

Left Out: 21.506+/-0.000 χ^2/NDF : 1420060952.8/24

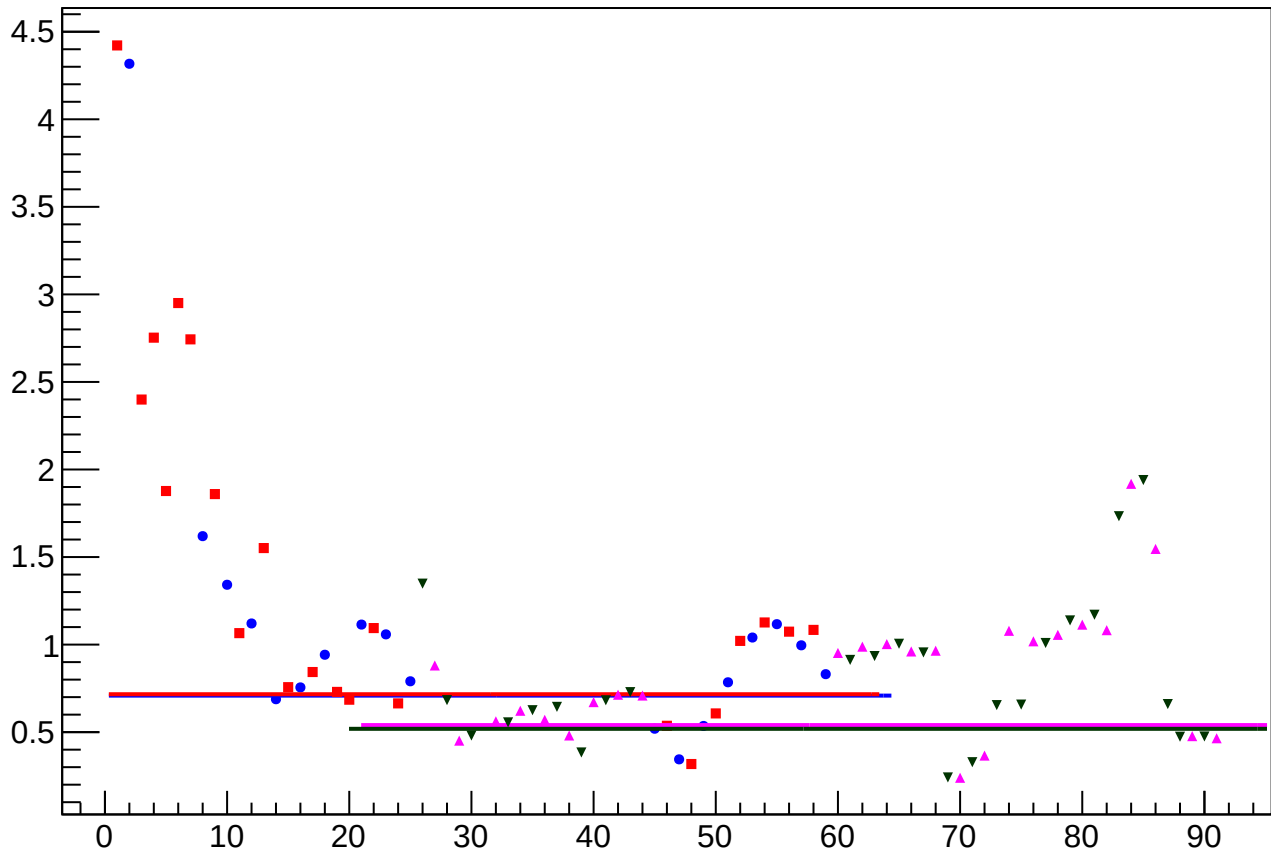
Right Out: 45.757+/-0.000 χ^2/NDF : 16042493522.9/21

Left In: 22.992+/-0.000 χ^2/NDF : 1835659182.5/24

29.791+/-0.000 χ^2/NDF : 31084572222.0/42

29.572+/-0.000 χ^2/NDF : 23163647409.0/46

yield_sam3_rms vs slug



Right In: 0.709+/-0.000 χ^2/NDF : 4191766.1/17

Left Out: 0.519+/-0.000 χ^2/NDF : 4986897.9/24

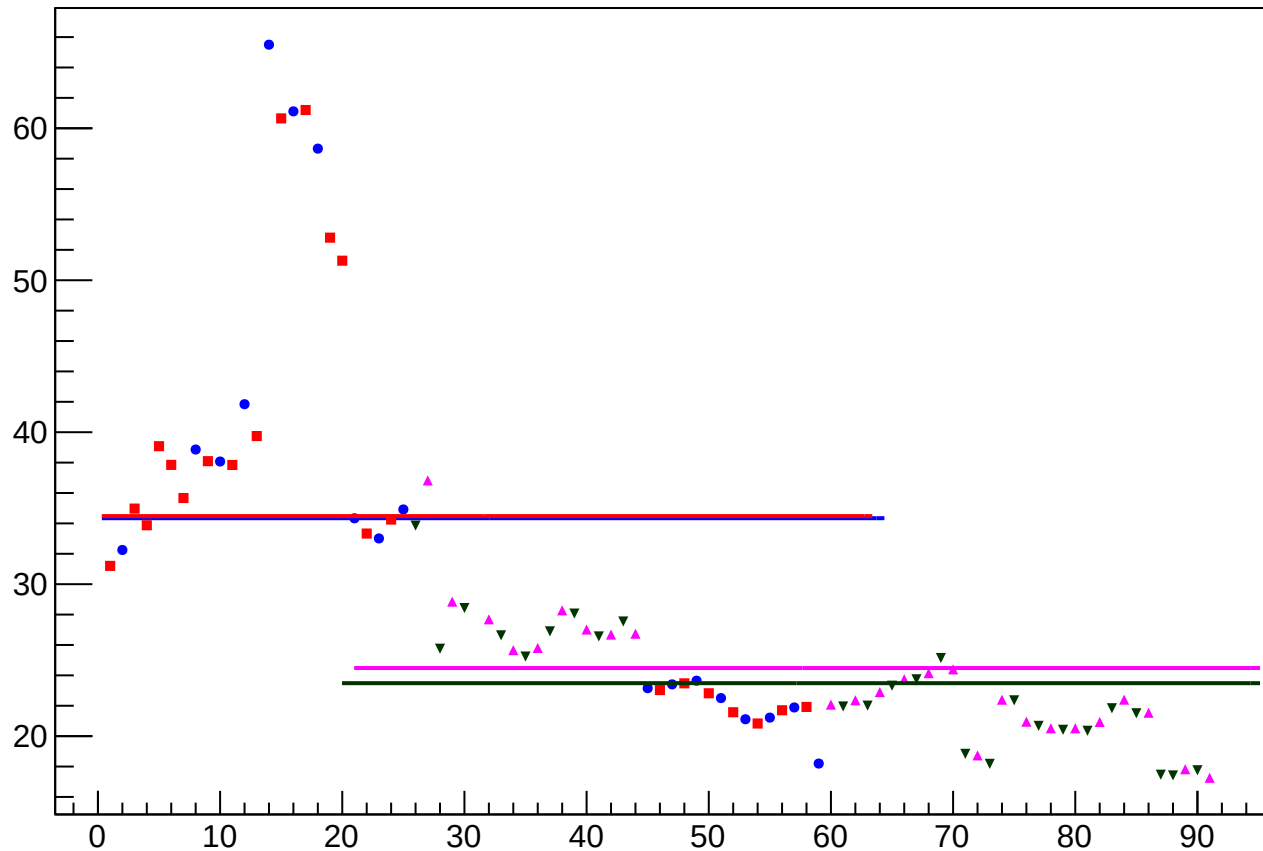
Right Out: 0.717+/-0.000 χ^2/NDF : 5280822.3/21

Left In: 0.540+/-0.000 χ^2/NDF : 5337088.0/24

0.582+/-0.000 χ^2/NDF : 10010765.9/42

0.591+/-0.000 χ^2/NDF : 11251083.8/46

yield_sam4_mean vs slug



Right In: 34.341+/-0.000 χ^2/NDF : 15897481293.1/17

Left Out: 23.486+/-0.000 χ^2/NDF : 1666920204.0/24

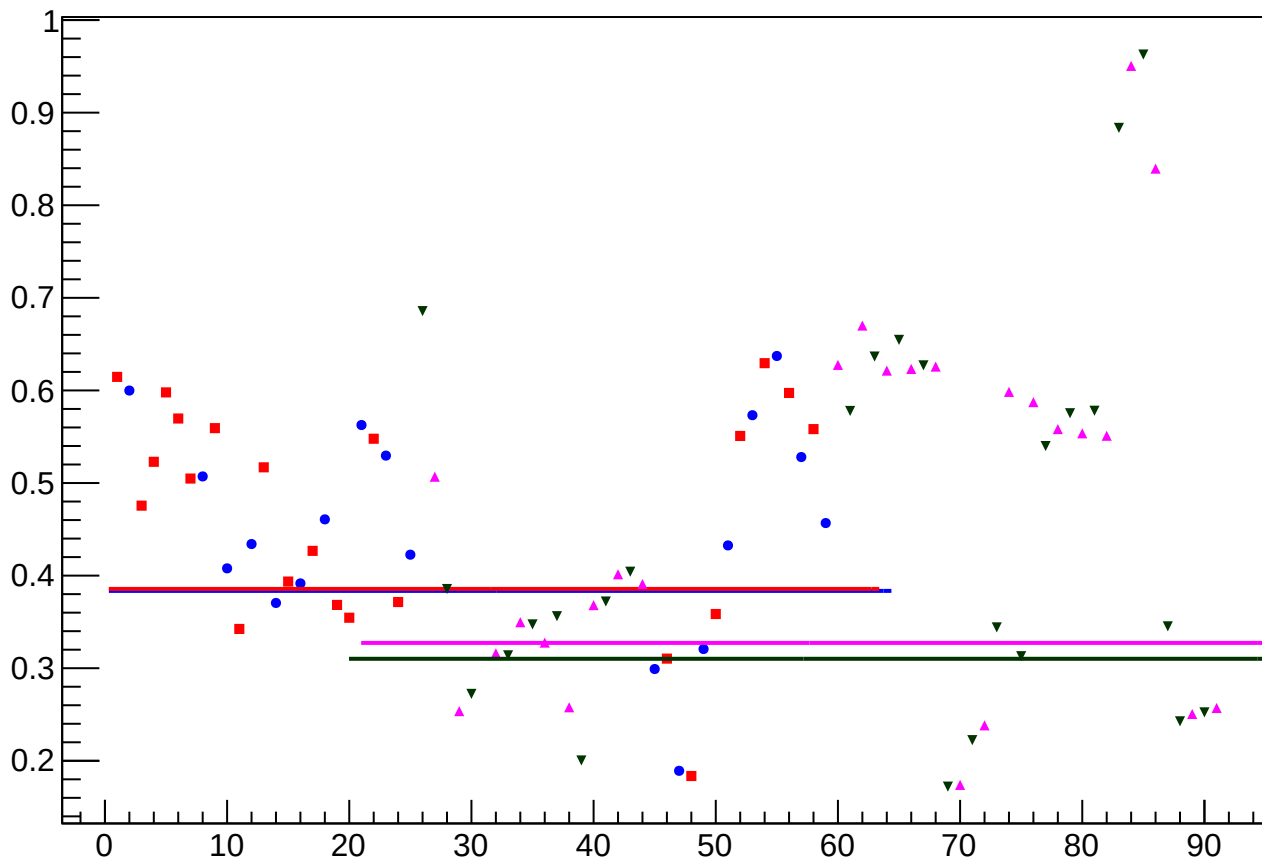
Right Out: 34.479+/-0.000 χ^2/NDF : 9741808820.6/21

Left In: 24.483+/-0.000 χ^2/NDF : 1938891945.2/24

27.758+/-0.000 χ^2/NDF : 22315339876.4/42

28.208+/-0.000 χ^2/NDF : 15421183604.5/46

yield_sam4_rms vs slug



Right In: 0.384 $\pm$ 0.000 χ^2 /NDF: 1956373.5/17

Left Out: 0.310 $\pm$ 0.000 χ^2 /NDF: 3997392.7/24

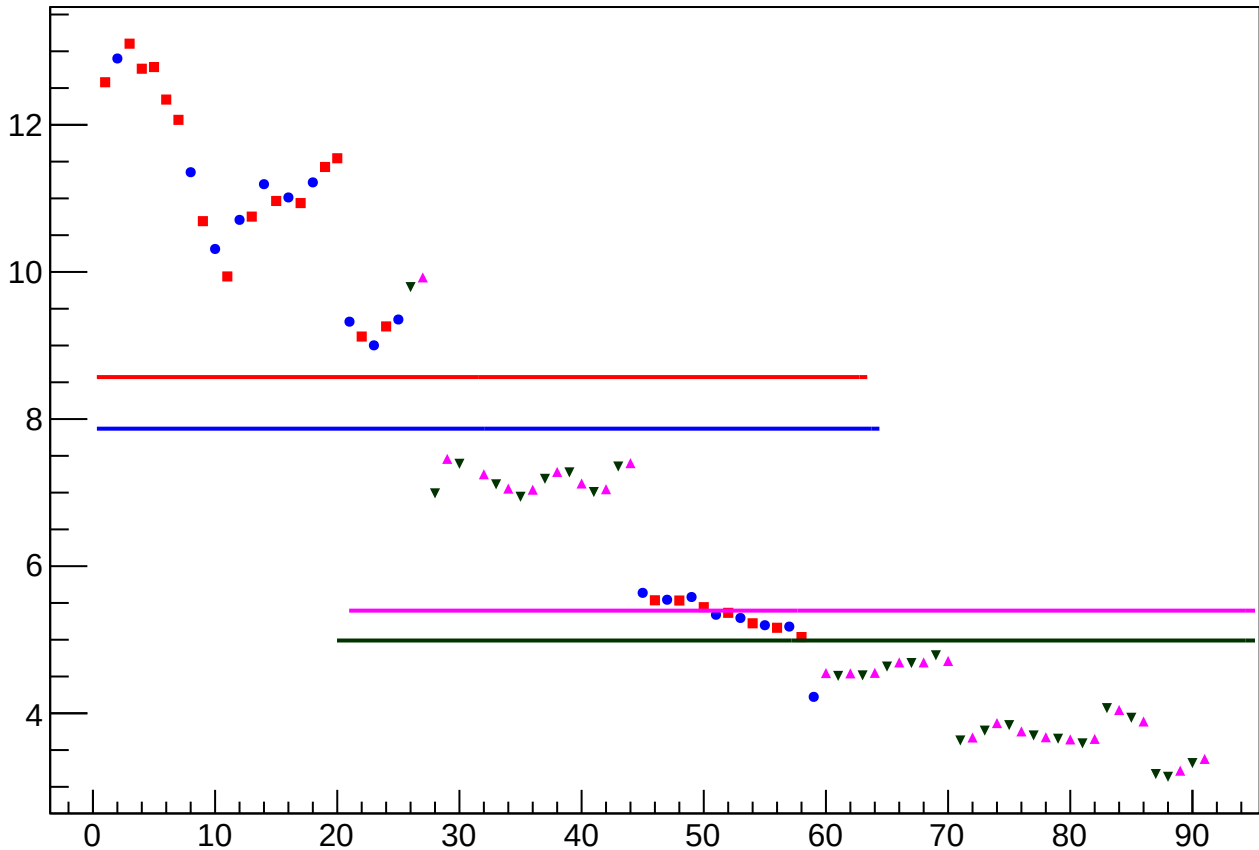
Right Out: 0.386 $\pm$ 0.000 χ^2 /NDF: 2201106.0/21

Left In: 0.327 $\pm$ 0.000 χ^2 /NDF: 4343896.6/24

0.339 $\pm$ 0.000 χ^2 /NDF: 6387420.2/42

0.349 $\pm$ 0.000 χ^2 /NDF: 6799477.9/46

yield_sam5_mean vs slug



Right In: 7.869+/-0.000 χ^2/NDF : 120405585429.0/17

Left Out: 4.989+/-0.000 χ^2/NDF : 93172908867.5/24

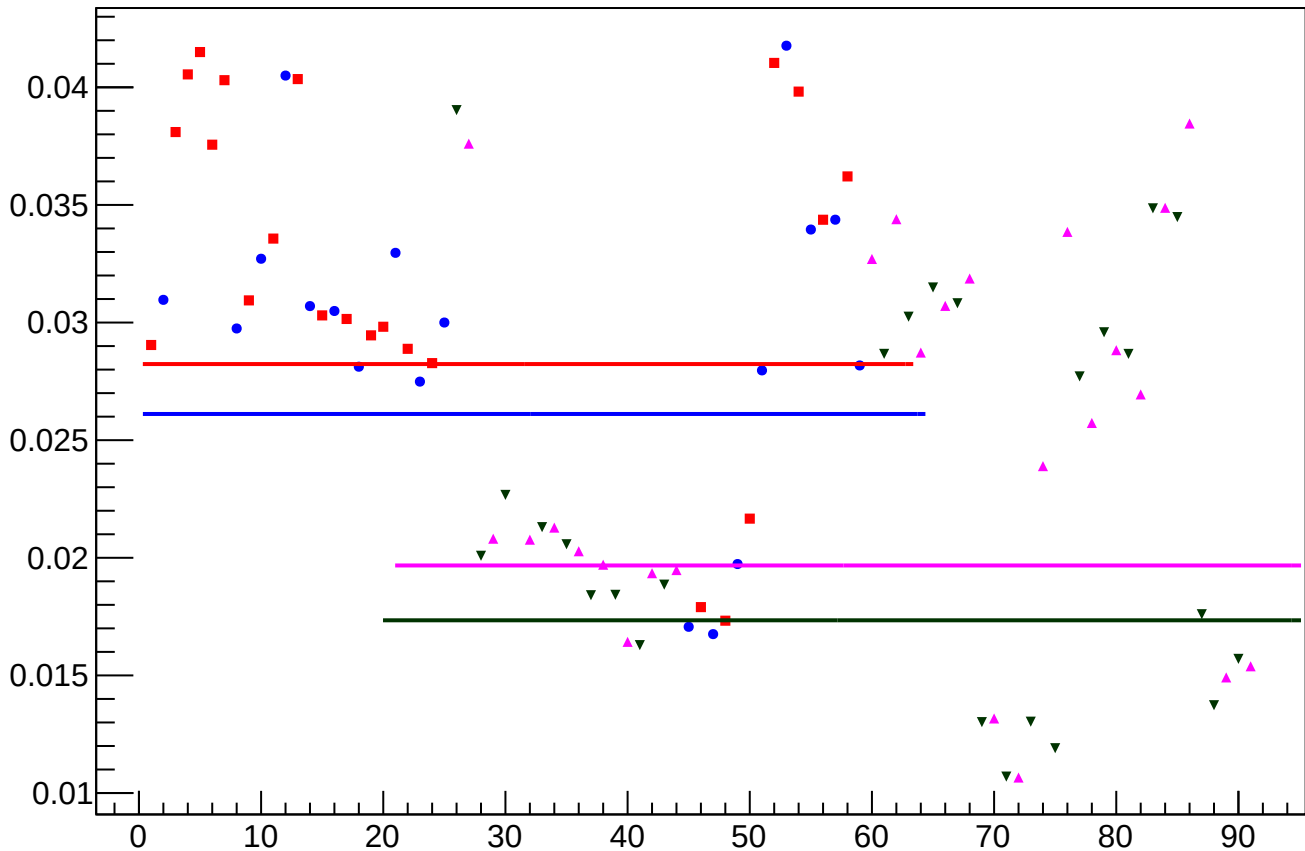
5.865+/-0.000 χ^2/NDF : 297871116463.1/42

Right Out: 8.571+/-0.000 χ^2/NDF : 95303373388.7/21

6.305+/-0.000 χ^2/NDF : 268349294998.6/46

Left In: 5.396+/-0.000 χ^2/NDF : 90372516123.2/24

yield_sam5_rms vs slug



Right In: 0.026 $\pm$ 0.000 χ^2 /NDF: 1415408.4/17

Left Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 2877811.6/24

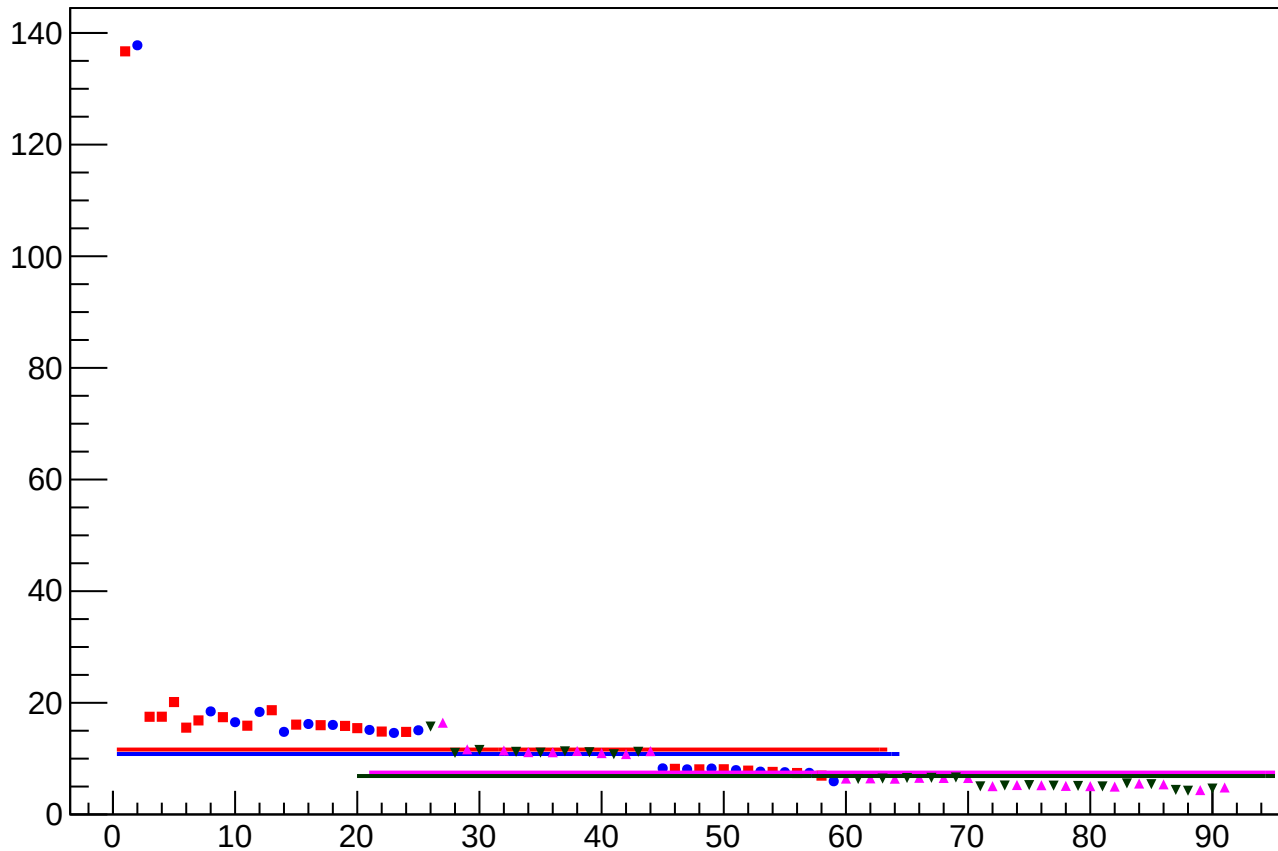
Right Out: 0.028 $\pm$ 0.000 χ^2 /NDF: 1284837.9/21

Left In: 0.020 $\pm$ 0.000 χ^2 /NDF: 2868735.6/24

0.020 $\pm$ 0.000 χ^2 /NDF: 5856917.1/42

0.022 $\pm$ 0.000 χ^2 /NDF: 5355772.4/46

yield_sam6_mean vs slug



Right In: 10.828+/-0.000 χ^2/NDF : 43212894200.4/17

Left Out: 6.885+/-0.000 χ^2/NDF : 25531817974.5/24

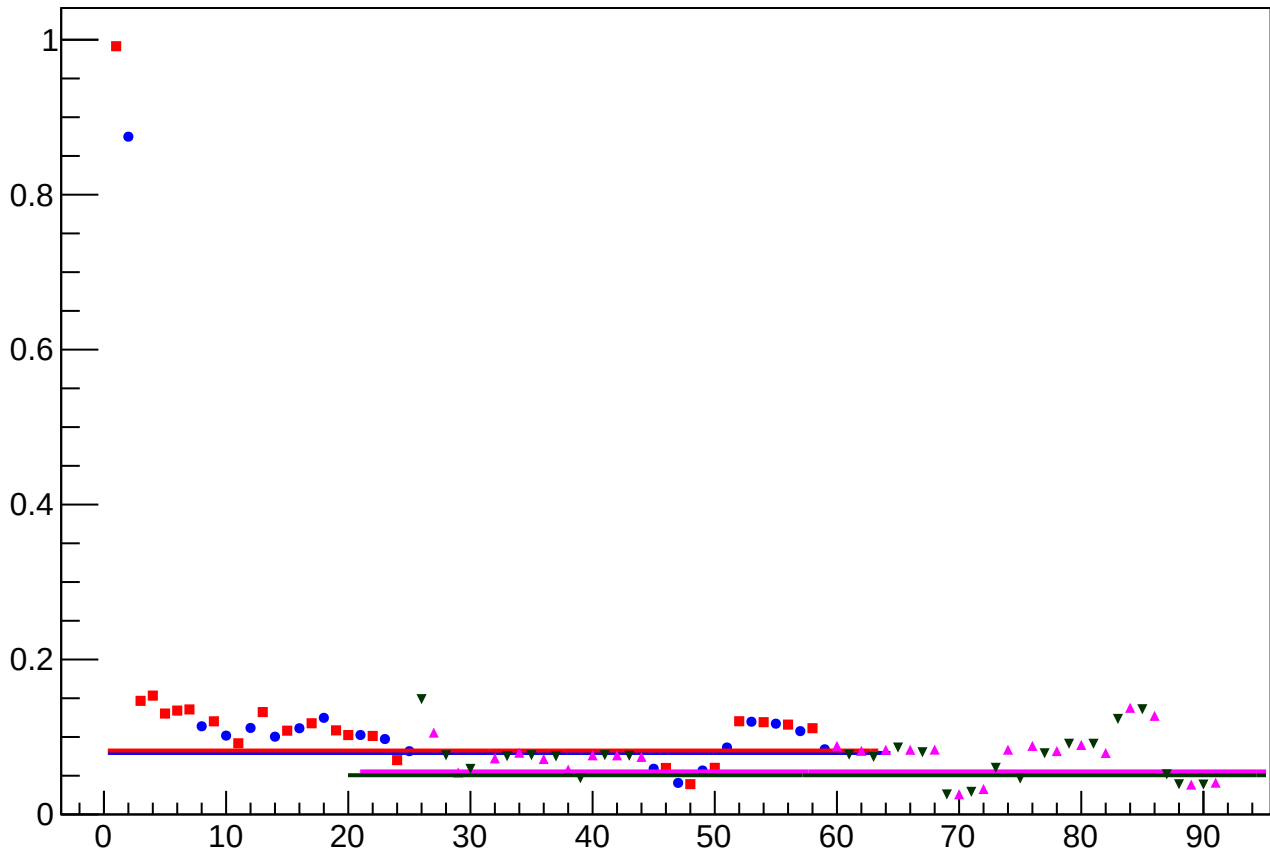
Right Out: 11.626+/-0.000 χ^2/NDF : 27777129416.7/21

Left In: 7.500+/-0.000 χ^2/NDF : 30212211124.7/24

7.985+/-0.000 χ^2/NDF : 84836874123.9/42

8.579+/-0.000 χ^2/NDF : 73250218329.4/46

yield_sam6_rms vs slug



Right In: 0.079+/-0.000 χ^2/NDF : 3664956.4/17

Left Out: 0.051+/-0.000 χ^2/NDF : 4487683.9/24

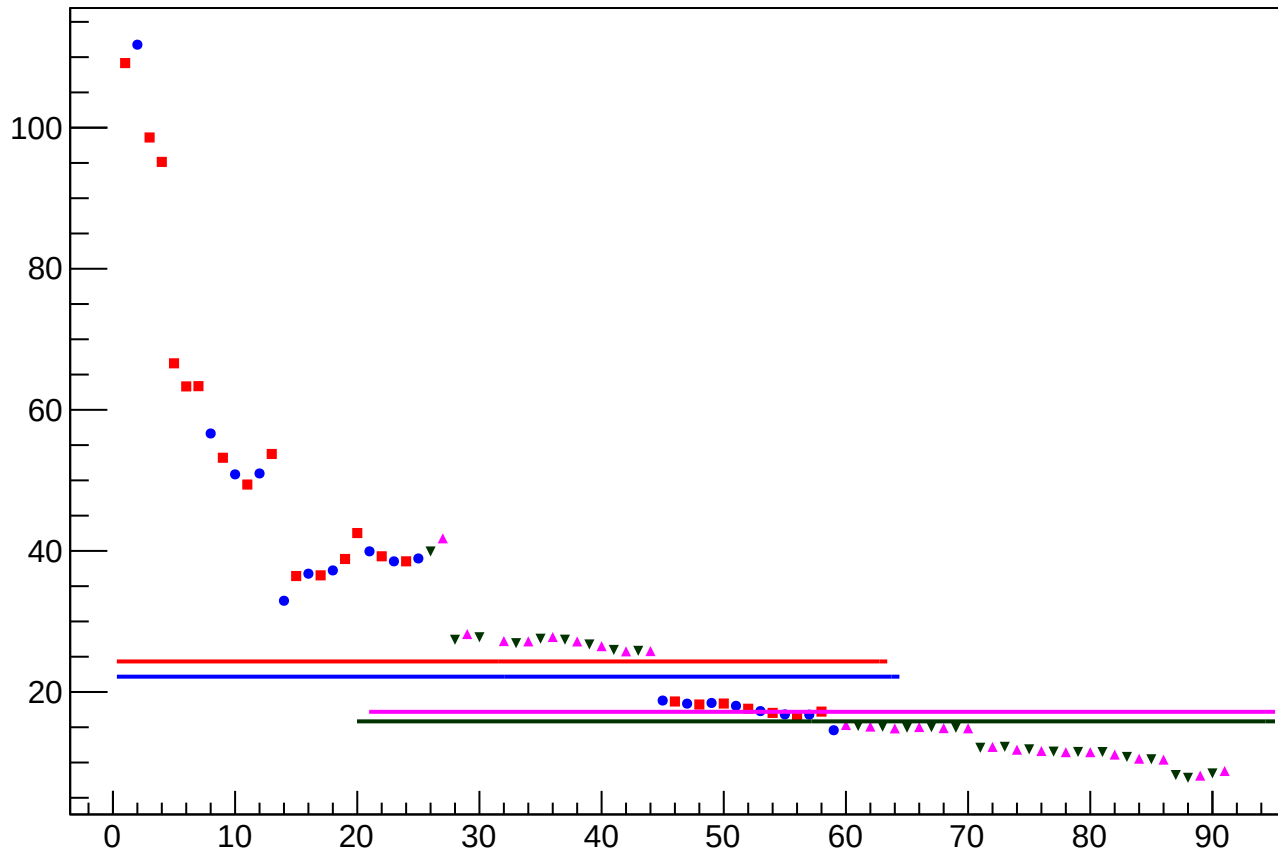
Right Out: 0.082+/-0.000 χ^2/NDF : 3527193.5/21

Left In: 0.056+/-0.000 χ^2/NDF : 4537493.6/24

0.059+/-0.000 χ^2/NDF : 9861529.7/42

0.063+/-0.000 χ^2/NDF : 9365534.5/46

yield_sam7_mean vs slug



Right In: 22.173+/-0.000 χ^2/NDF : 77757024823.4/17

Left Out: 15.836+/-0.000 χ^2/NDF : 83449074915.7/24

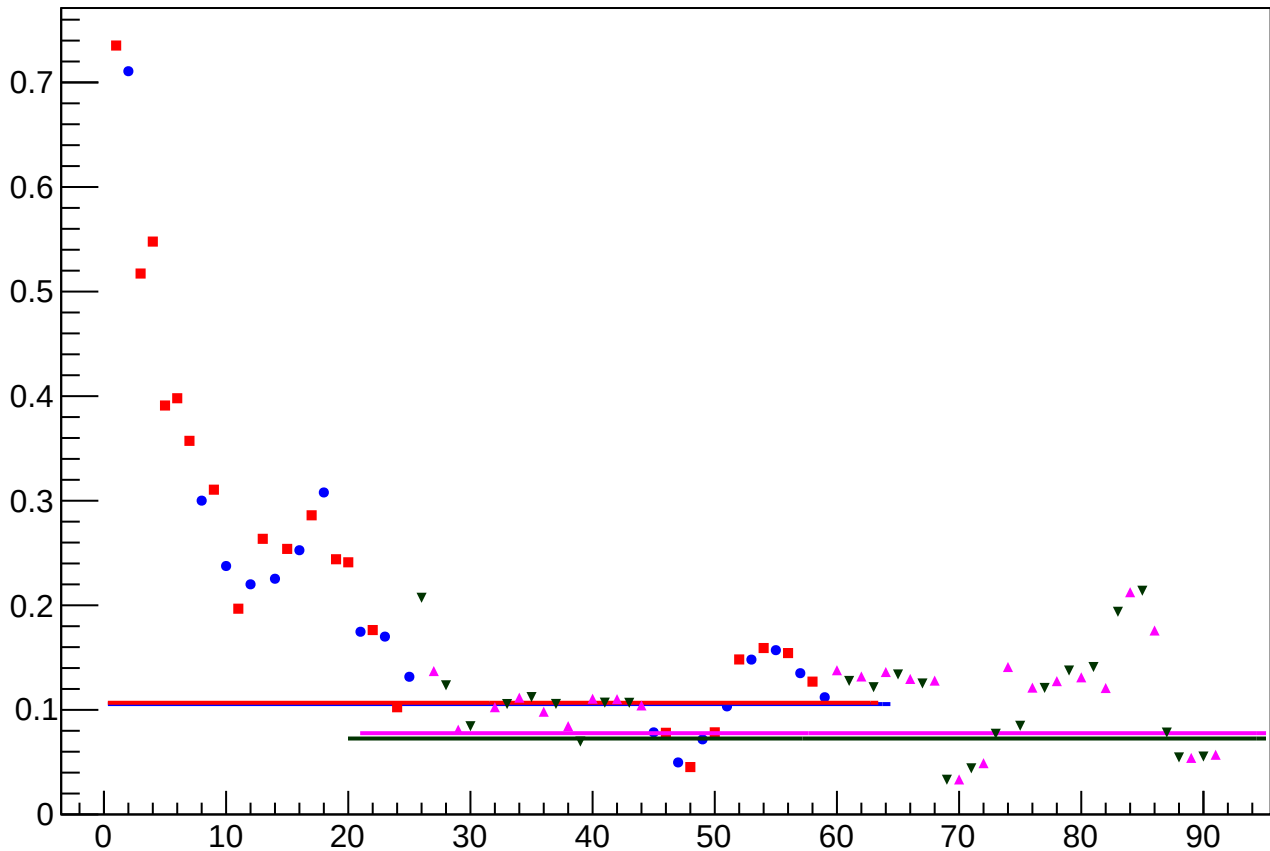
Right Out: 24.330+/-0.000 χ^2/NDF : 86857417985.1/21

Left In: 17.189+/-0.000 χ^2/NDF : 106368729034.7/24

17.629+/-0.000 χ^2/NDF : 181090256416.3/42

18.962+/-0.000 χ^2/NDF : 214818424920.6/46

yield_sam7_rms vs slug



Right In: 0.106+/-0.000 χ^2/NDF : 6207815.8/17

Left Out: 0.073+/-0.000 χ^2/NDF : 5128103.0/24

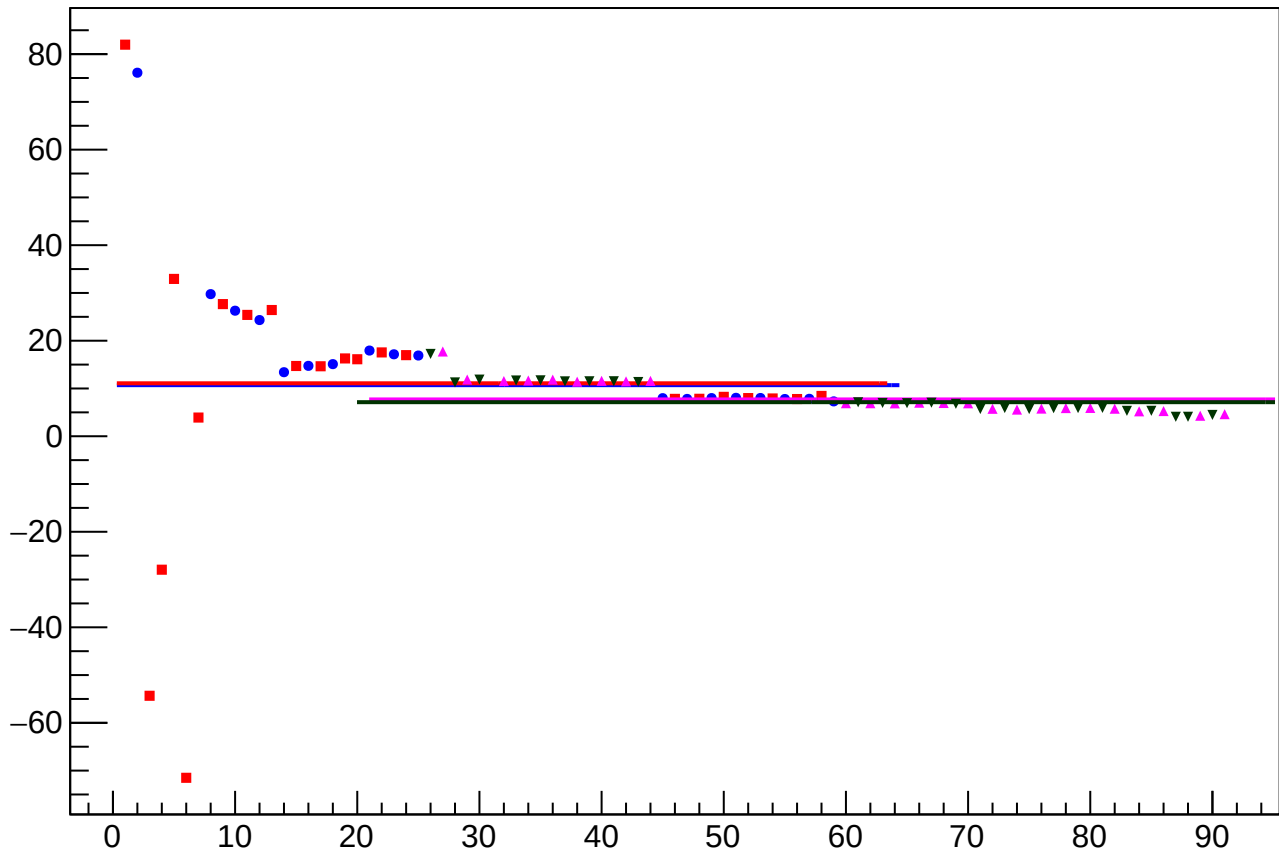
0.082+/-0.000 χ^2/NDF : 12409689.9/42

Right Out: 0.107+/-0.000 χ^2/NDF : 7065144.7/21

0.085+/-0.000 χ^2/NDF : 13085632.4/46

Left In: 0.078+/-0.000 χ^2/NDF : 5303915.8/24

yield_sam8_mean vs slug



Right In: 10.694 ± 0.000 χ^2/NDF : 169485007271.0/17

Left Out: 7.132 ± 0.000 χ^2/NDF : 60068191012.7/24

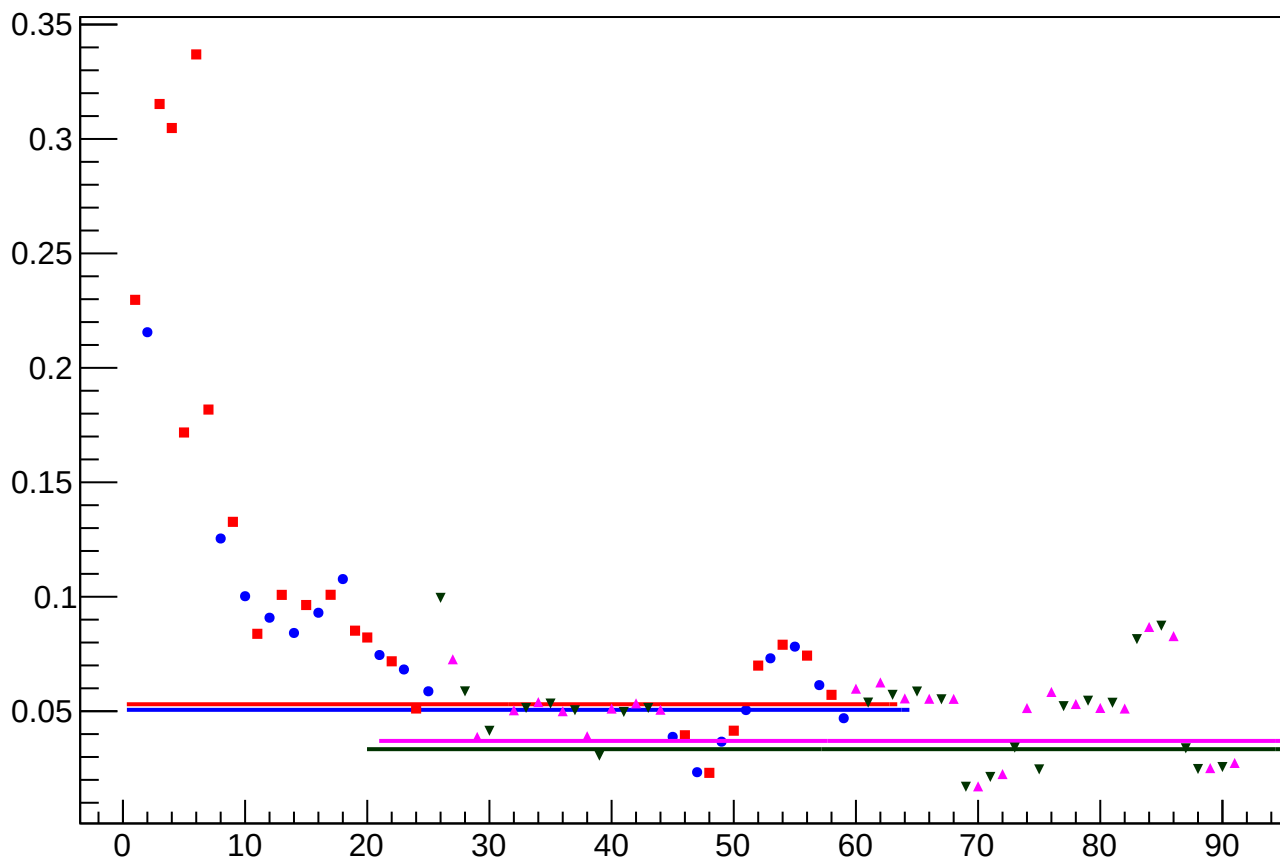
8.105 ± 0.000 χ^2/NDF : 259150732241.8/42

Right Out: 11.086 ± 0.000 χ^2/NDF : 170498539346.7/21

8.518 ± 0.000 χ^2/NDF : 260191501312.6/46

Left In: 7.706 ± 0.000 χ^2/NDF : 68595747125.8/24

yield_sam8_rms vs slug



Right In: 0.051+/-0.000 χ^2/NDF : 4928244.2/17

Left Out: 0.033+/-0.000 χ^2/NDF : 4563861.0/24

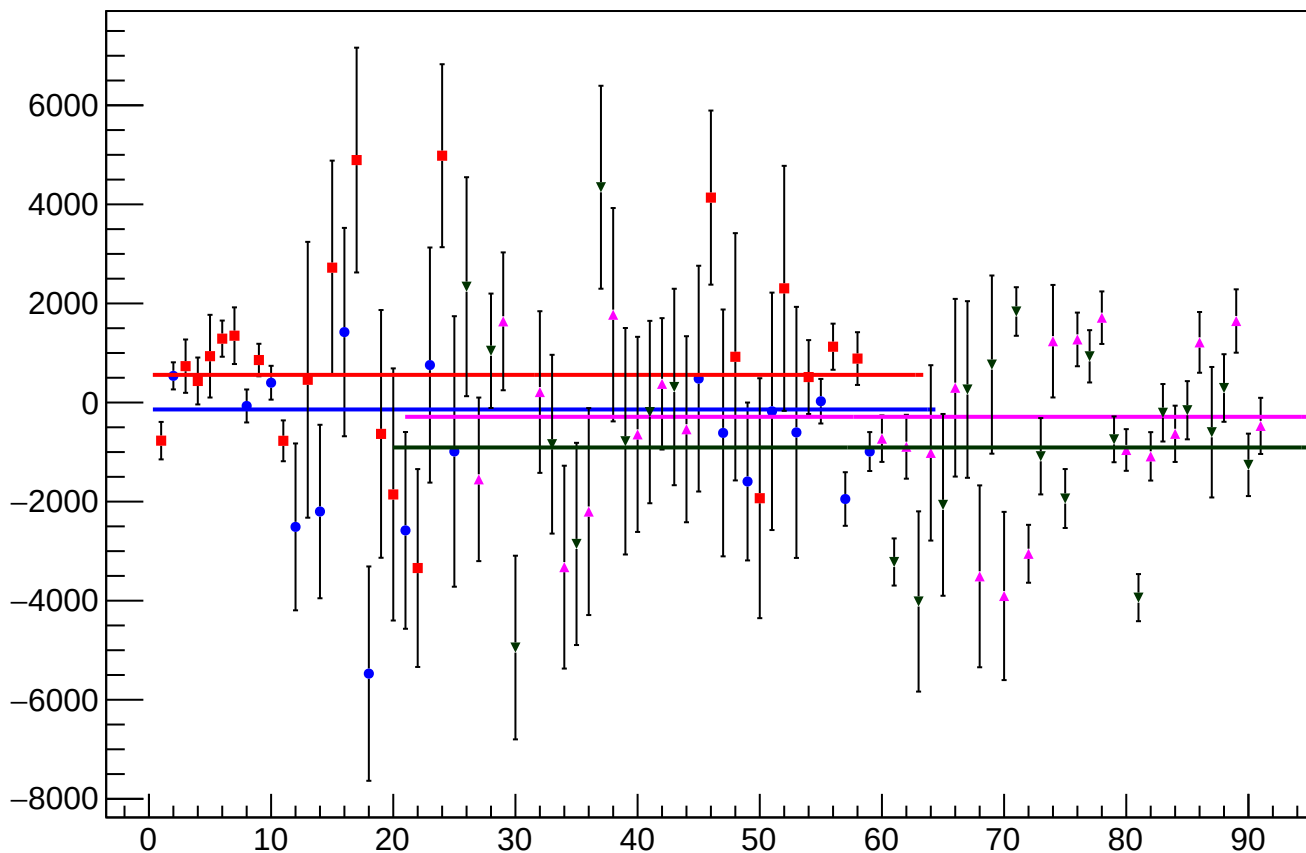
Right Out: 0.053+/-0.000 χ^2/NDF : 5921530.1/21

Left In: 0.037+/-0.000 χ^2/NDF : 4594456.9/24

0.038+/-0.000 χ^2/NDF : 10870022.9/42

0.041+/-0.000 χ^2/NDF : 11464252.9/46

cor_sam1_mean vs slug



Right In: -140.065+/-143.473 χ^2/NDF : 37.4/17

Left Out: -907.189+/-156.402 χ^2/NDF :139.8/24

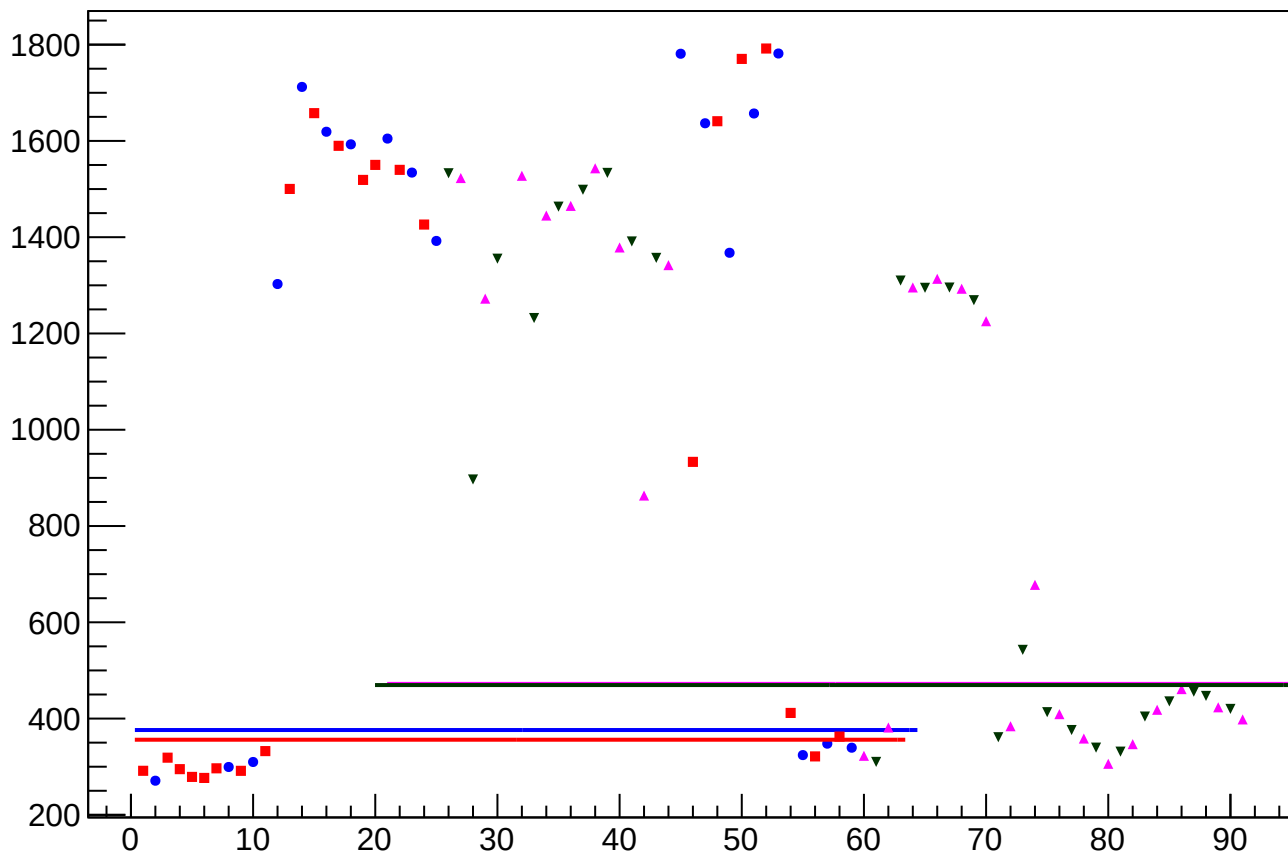
Right Out: 558.324+/-135.799 χ^2/NDF : 52.8/21

Left In: -288.536+/-152.314 χ^2/NDF :84.1/24

-490.613+/-105.727 χ^2/NDF : 190.3/42

183.278+/-101.362 χ^2/NDF : 154.1/46

cor_sam1_rms vs slug



Right In: 376.219+/-0.101 χ^2/NDF : 8380170.3/17

Left Out: 469.635+/-0.111 χ^2/NDF : 6315272.4/24

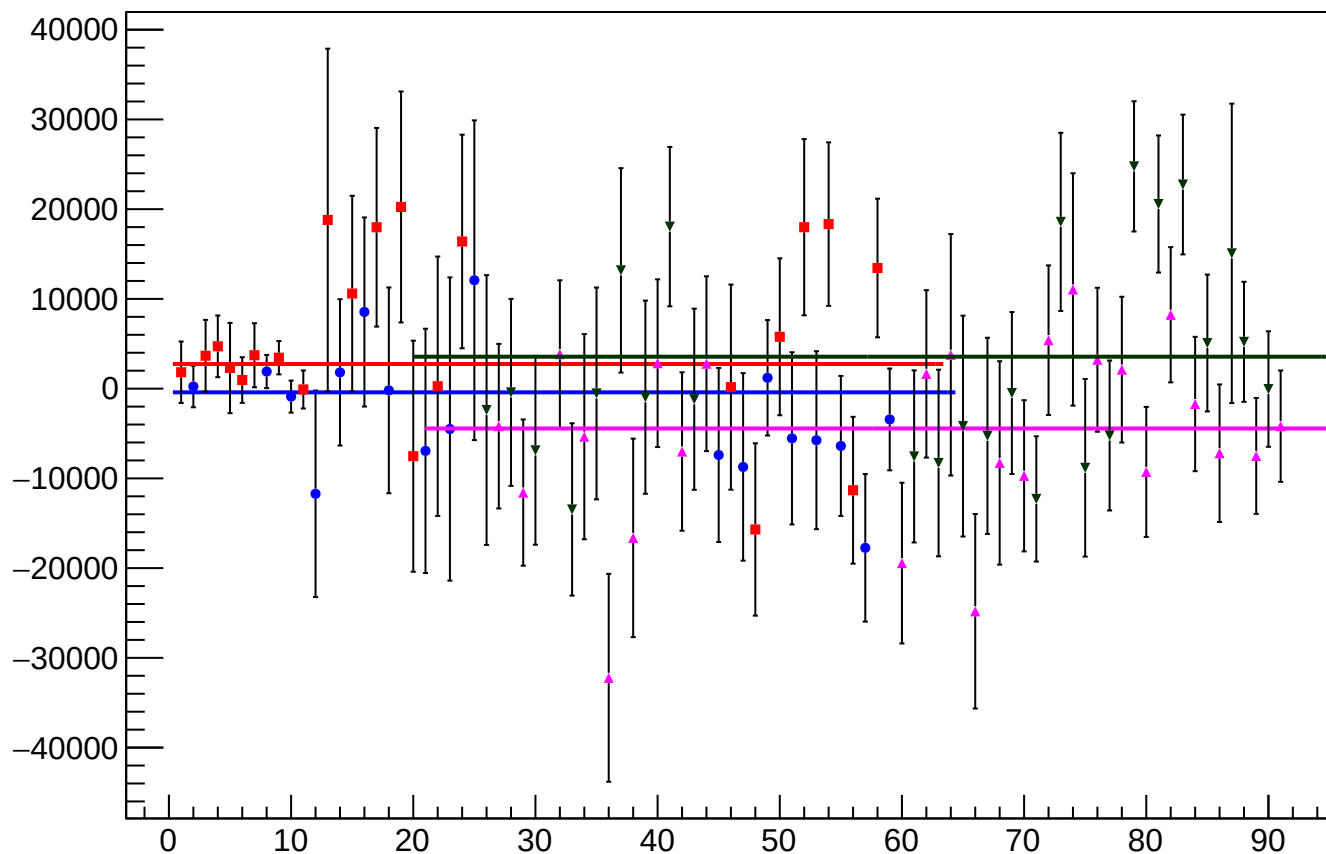
Right Out: 356.056+/-0.096 χ^2/NDF : 6346000.8/21

Left In: 472.039+/-0.108 χ^2/NDF : 7380471.4/24

418.907+/-0.075 χ^2/NDF : 15082890.5/42

407.421+/-0.072 χ^2/NDF : 14372562.2/46

cor_sam2_mean vs slug



Right In: -411.111 $\pm$ 1015.494 χ^2 /NDF: 11.4/17

Left Out: 3558.894 $\pm$ 1819.561 χ^2 /NDF: 42.8/24

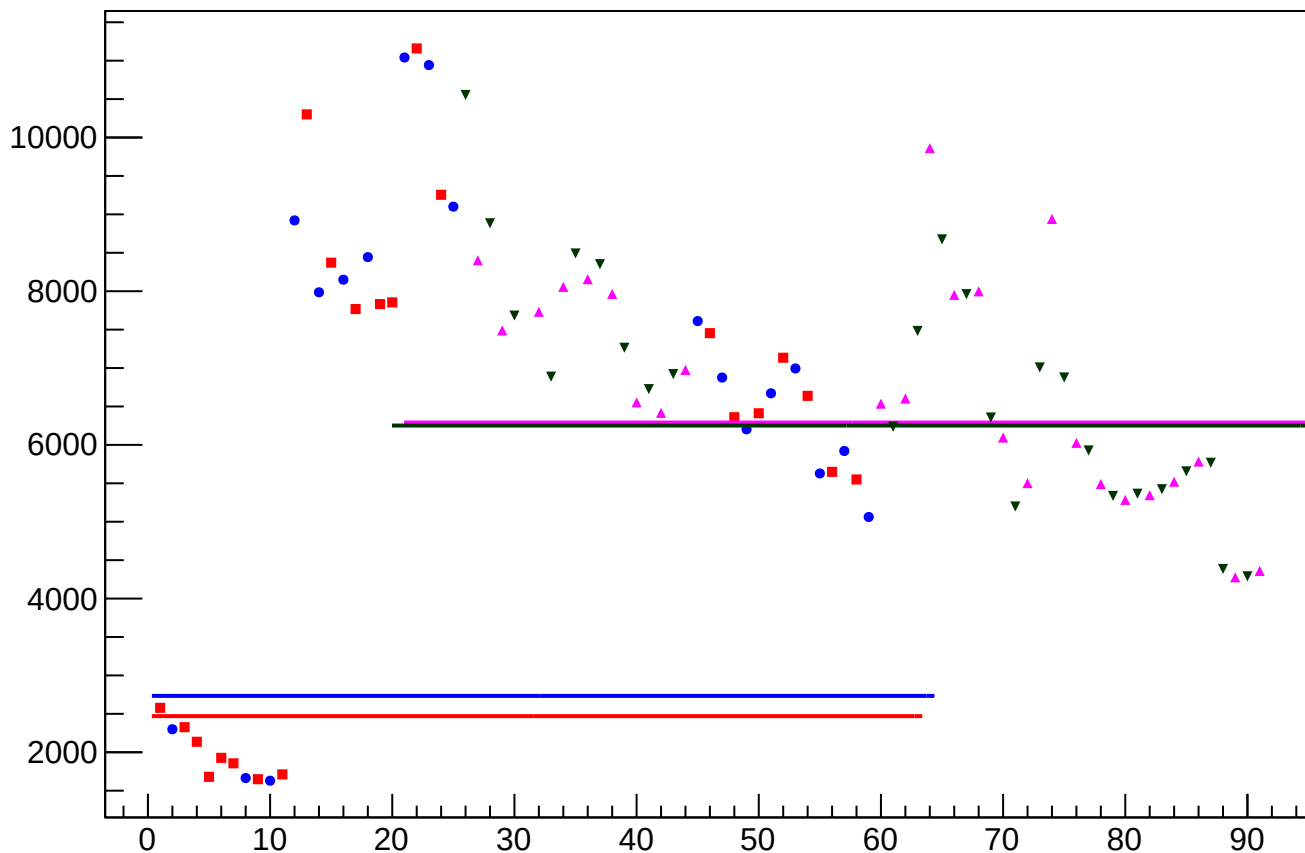
Right Out: 2744.247 $\pm$ 933.760 χ^2 /NDF: 24.0/21

Left In: -4440.315 $\pm$ 1734.751 χ^2 /NDF: 25.8/24

531.762 $\pm$ 886.743 χ^2 /NDF: 57.8/42

1130.269 $\pm$ 822.216 χ^2 /NDF: 63.1/46

cor_sam2_rms vs slug



Right In: 2733.475+/-0.718 χ^2/NDF : 8427251.1/17

Left Out: 6251.743+/-1.287 χ^2/NDF : 1169303.7/24

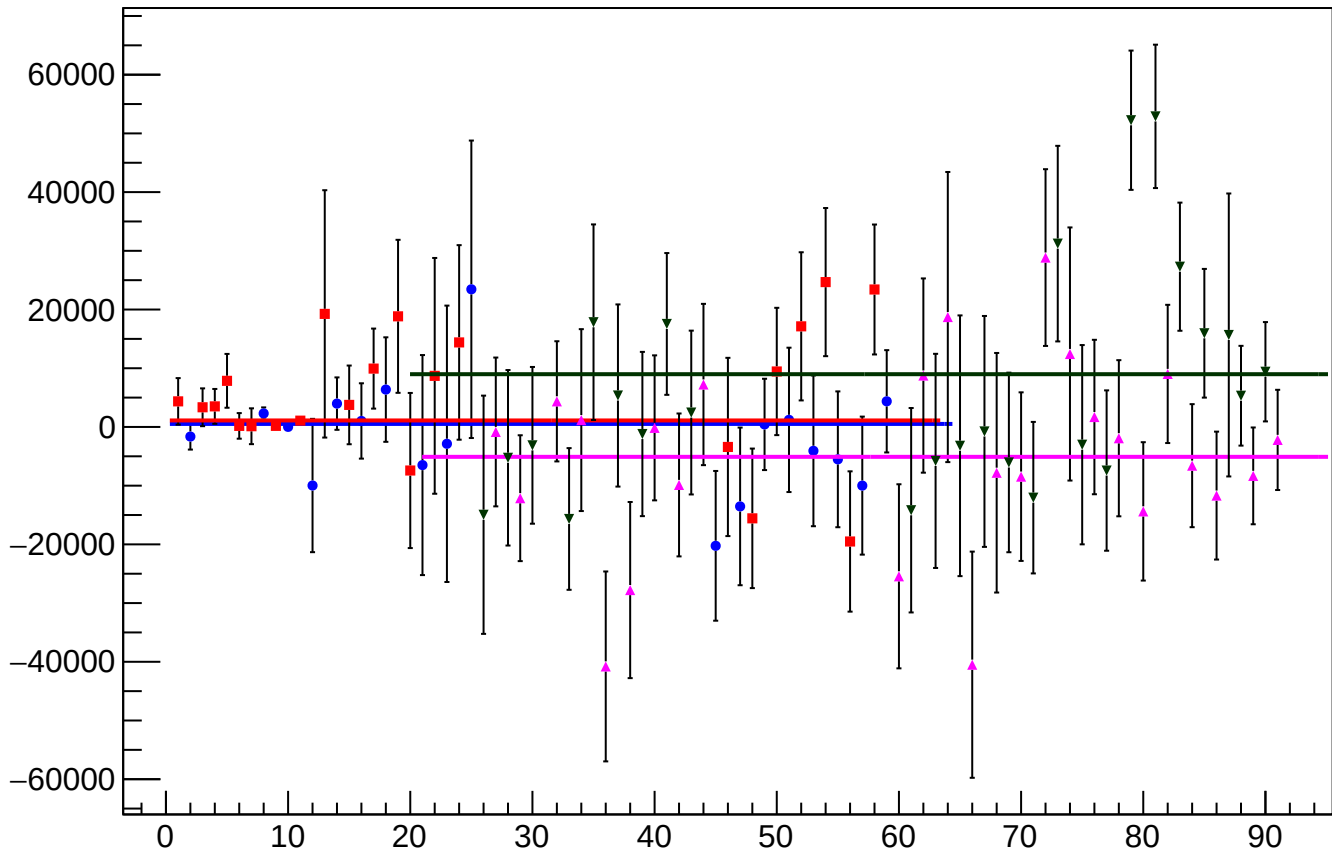
Right Out: 2470.233+/-0.660 χ^2/NDF : 6925525.7/21

Left In: 6290.987+/-1.227 χ^2/NDF : 1217712.1/24

3569.060+/-0.627 χ^2/NDF : 15298129.5/42

3328.547+/-0.581 χ^2/NDF : 15665600.9/46

cor_sam3_mean vs slug



Right In: 515.373 $\pm$ 529.015 χ^2 /NDF: 12.5/17

Left Out: 8986.162 $\pm$ 2692.279 χ^2 /NDF: 48.9/24

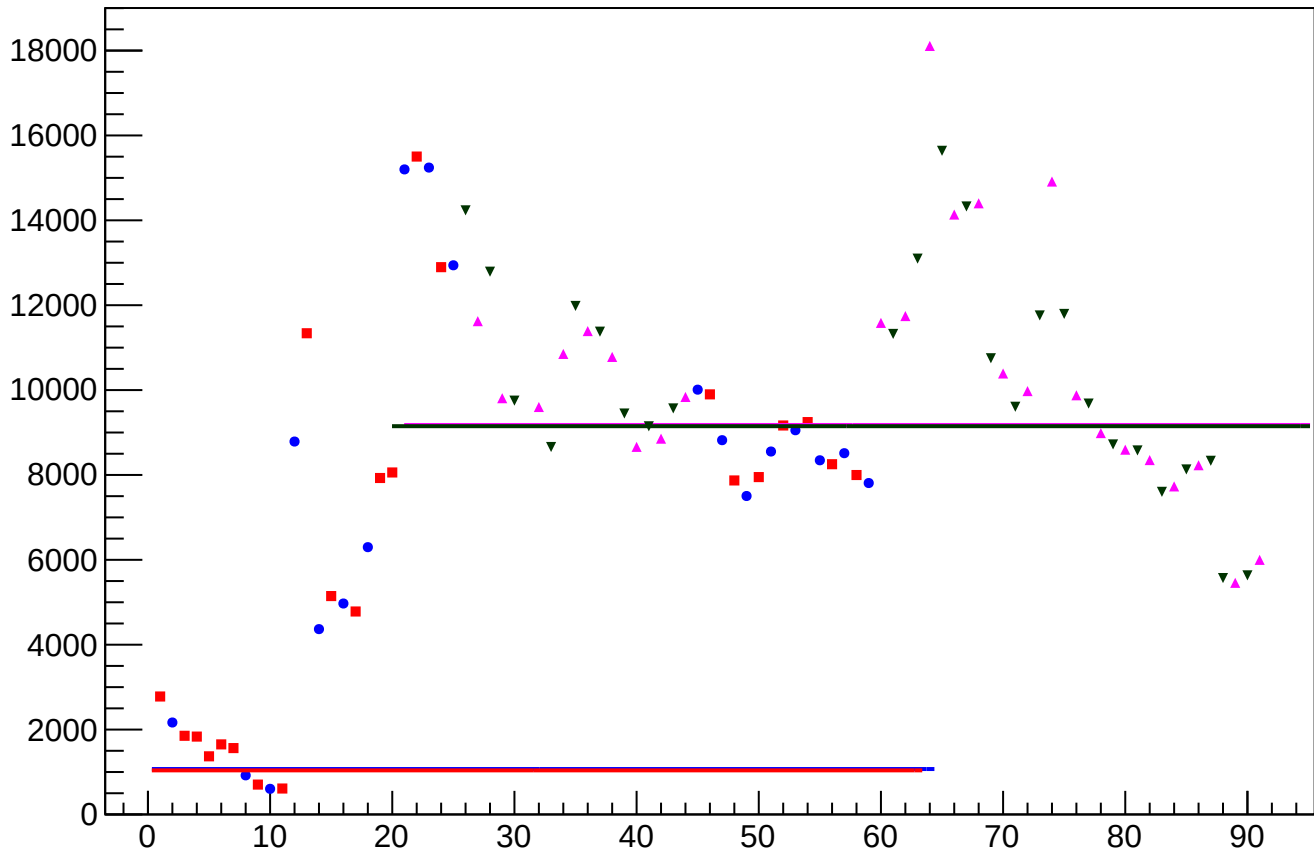
Right Out: 1106.833 $\pm$ 510.424 χ^2 /NDF: 25.9/21

Left In: -5090.107 $\pm$ 2554.673 χ^2 /NDF: 25.4/24

830.269 $\pm$ 519.089 χ^2 /NDF: 71.0/42

868.947 $\pm$ 500.532 χ^2 /NDF: 56.9/46

cor_sam3_rms vs slug



Right In: 1070.277 $\pm$ 0.374 χ^2 /NDF: 14578704.6/17

Left Out: 9149.037 $\pm$ 1.904 χ^2 /NDF:1679795.1/24

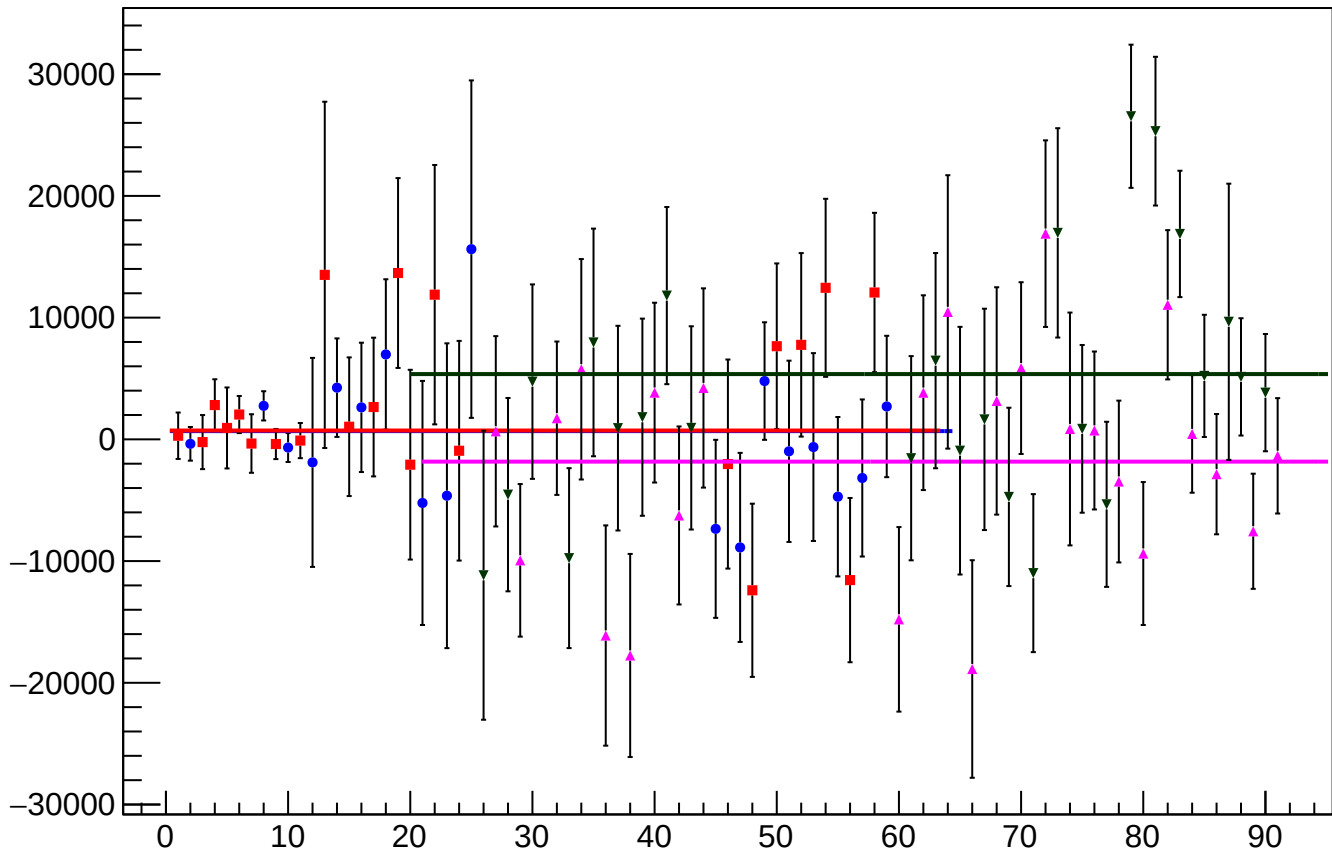
Right Out: 1039.110 $\pm$ 0.361 χ^2 /NDF: 12185287.6/21

Left In: 9177.616 $\pm$ 1.806 χ^2 /NDF:1718380.9/24

1370.599 $\pm$ 0.367 χ^2 /NDF: 33597613.4/42

1351.529 $\pm$ 0.354 χ^2 /NDF: 33422273.1/46

cor_sam4_mean vs slug



Right In: 675.539 ± 663.355 χ^2/NDF : 13.3/17

Left Out: 5361.523 ± 1407.384 χ^2/NDF : 52.3/24

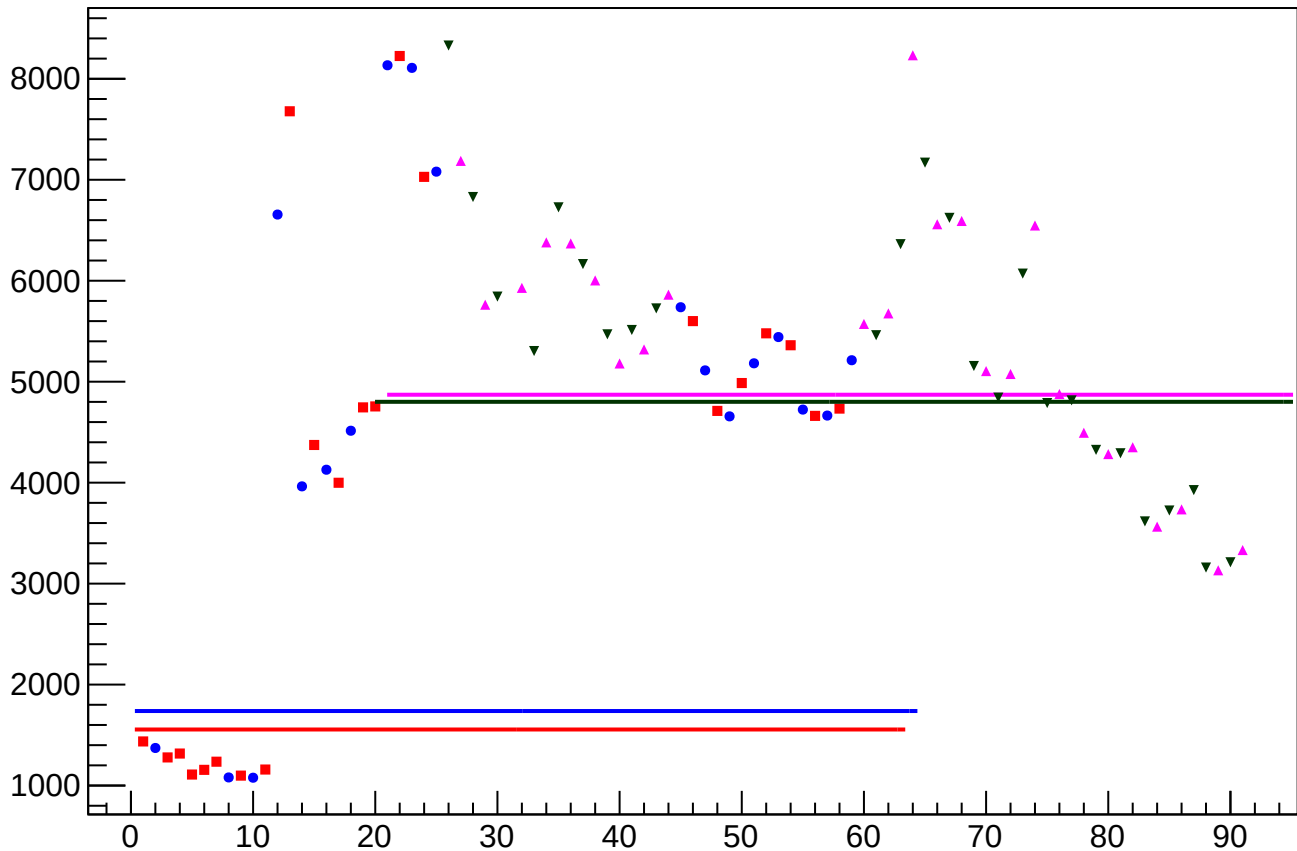
1527.341 ± 600.042 χ^2/NDF : 74.7/42

Right Out: 725.717 ± 599.388 χ^2/NDF : 22.5/21

306.723 ± 548.061 χ^2/NDF : 59.7/46

Left In: -1830.203 ± 1353.627 χ^2/NDF : 34.2/24

cor_sam4_rms vs slug



Right In: 1738.145 $\pm$ 0.469 χ^2 /NDF: 9194216.7/17

Left Out: 4800.768 $\pm$ 0.995 χ^2 /NDF:1542154.3/24

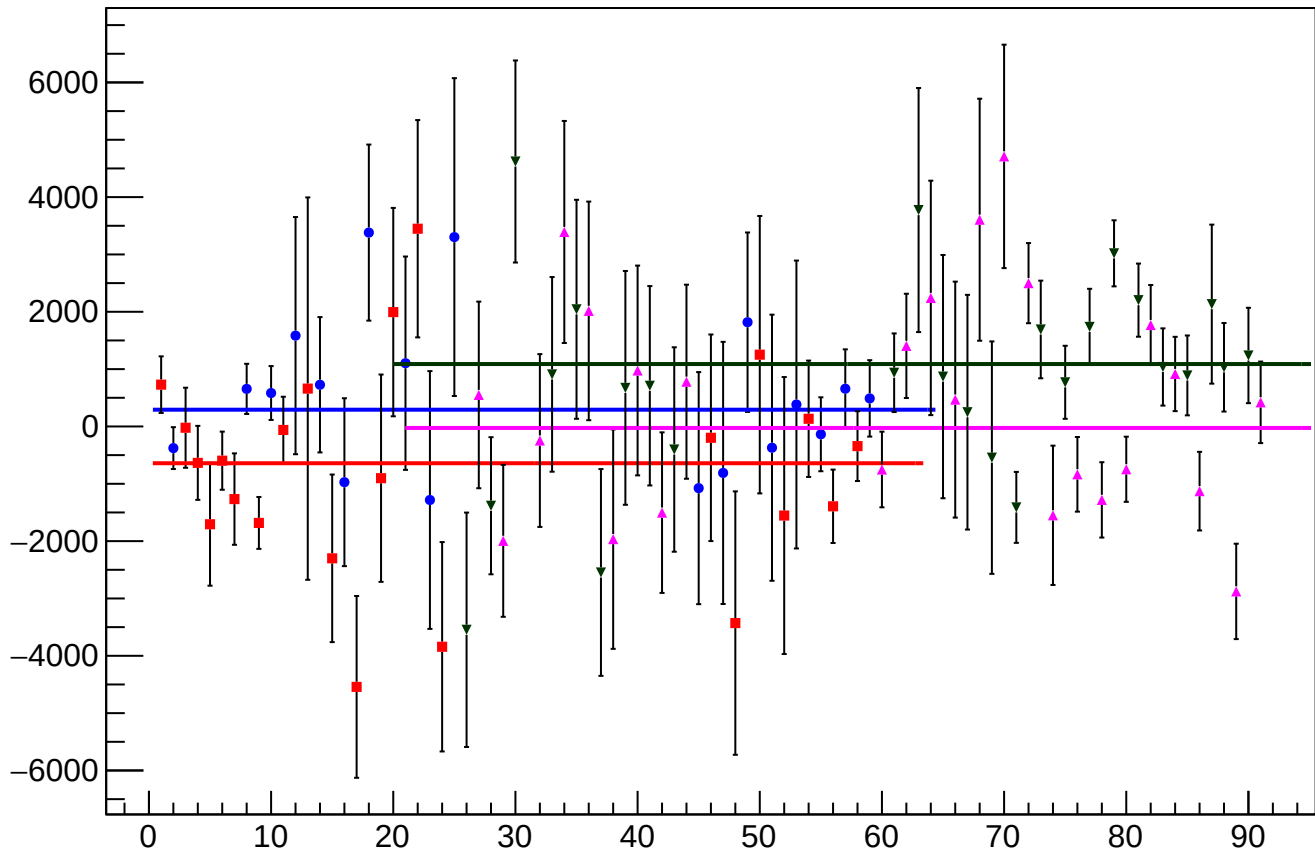
2294.858 $\pm$ 0.424 χ^2 /NDF: 18485690.9/42

Right Out: 1555.208 $\pm$ 0.424 χ^2 /NDF: 7440592.2/21

2098.758 $\pm$ 0.388 χ^2 /NDF: 19128546.9/46

Left In: 4870.940 $\pm$ 0.957 χ^2 /NDF:1654901.6/24

cor_sam5_mean vs slug



Right In: 292.259 ± 190.029 $\chi^2/\text{NDF}: 14.2/17$

Left Out: 1088.451 ± 188.197 $\chi^2/\text{NDF}: 54.0/24$

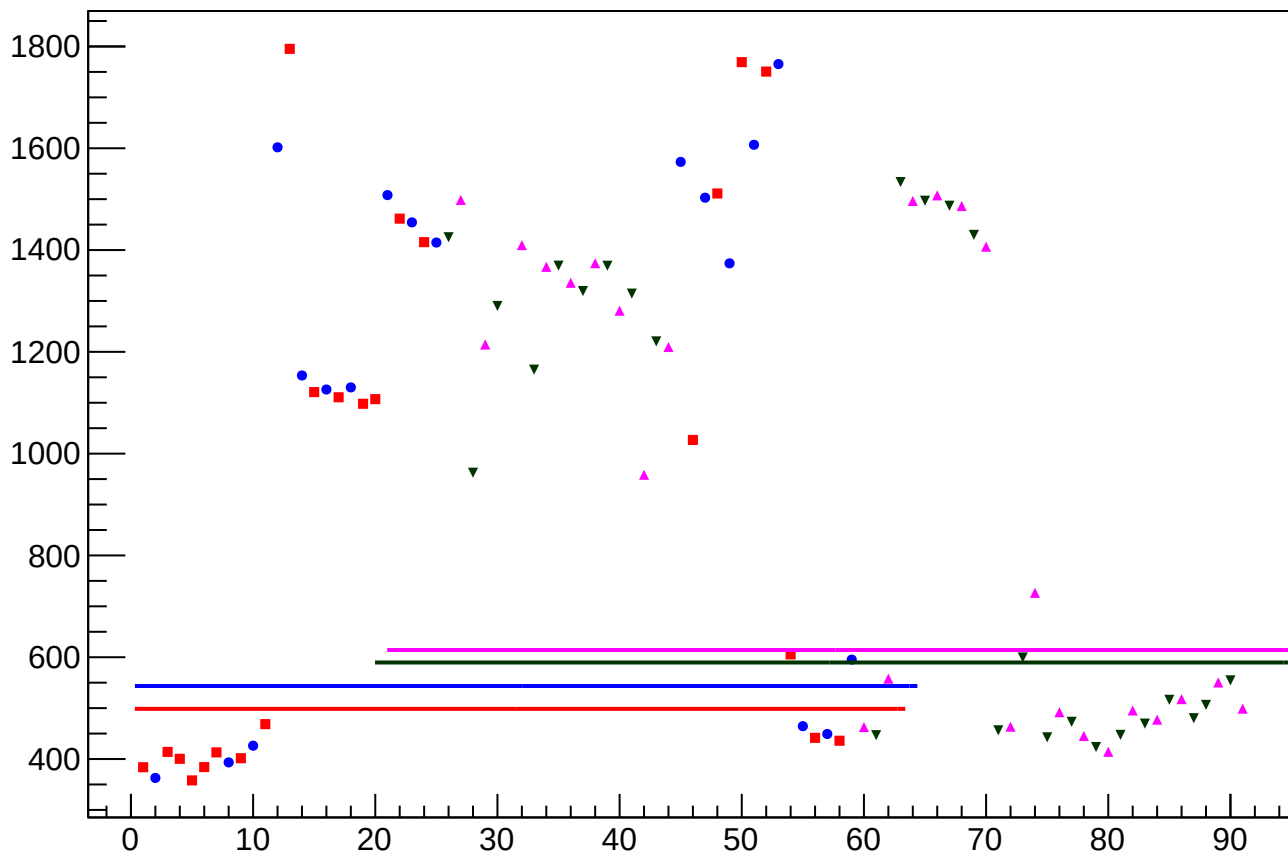
Right Out: -641.189 ± 177.189 $\chi^2/\text{NDF}: 38.2/21$

Left In: -26.002 ± 187.912 $\chi^2/\text{NDF}: 68.0/24$

694.211 ± 133.718 $\chi^2/\text{NDF}: 77.0/42$

-351.647 ± 128.916 $\chi^2/\text{NDF}: 111.9/46$

cor_sam5_rms vs slug



Right In: 543.431+/-0.134 χ^2/NDF : 5987396.2/17

Left Out: 589.664+/-0.133 χ^2/NDF : 4851795.2/24

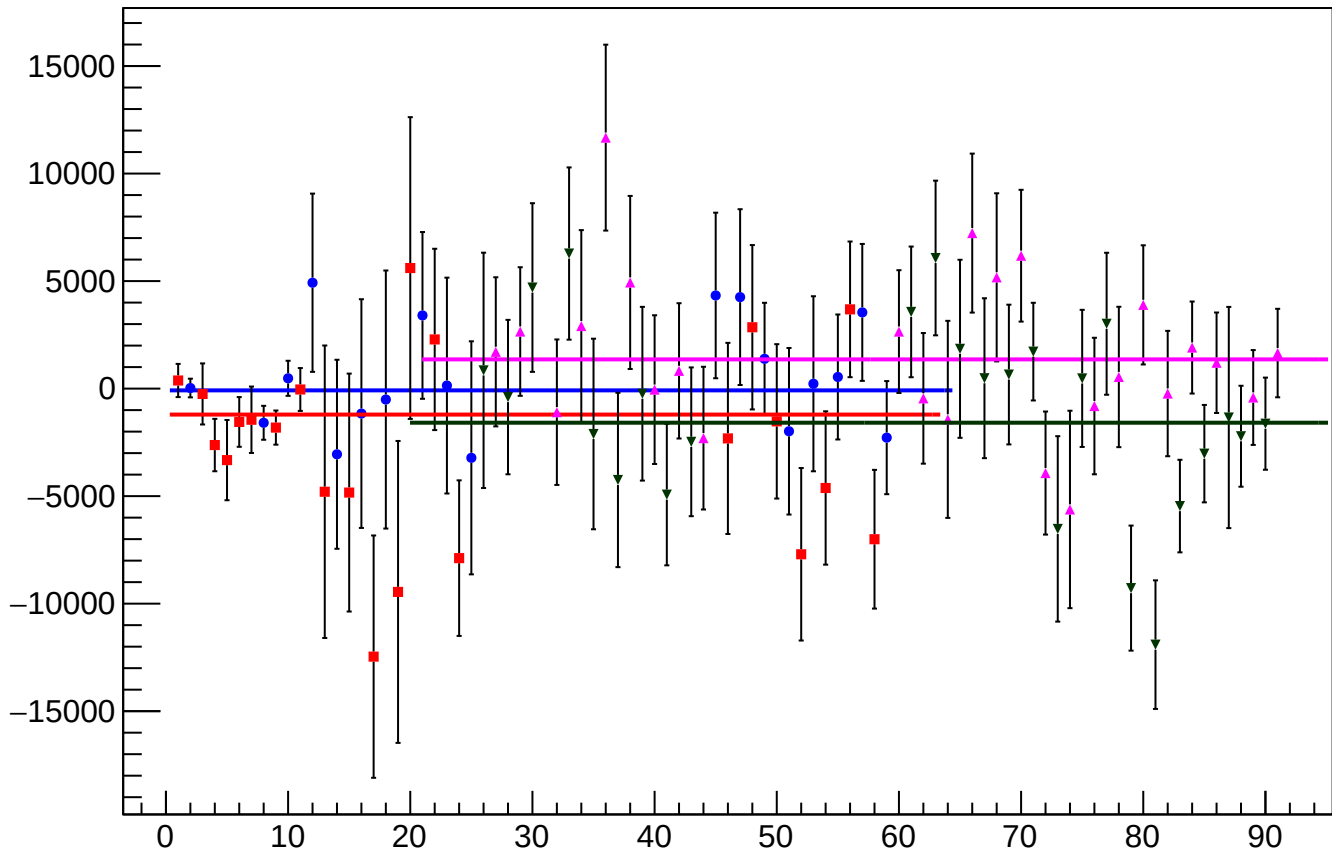
Right Out: 498.546+/-0.125 χ^2/NDF : 4577913.1/21

Left In: 614.183+/-0.133 χ^2/NDF : 5442899.9/24

566.771+/-0.095 χ^2/NDF : 10898958.2/42

552.971+/-0.091 χ^2/NDF : 10421730.3/46

cor_sam6_mean vs slug



Right In: -82.068 ± 324.551 $\chi^2/\text{NDF}: 12.3/17$

Left Out: -1585.970 ± 630.620 $\chi^2/\text{NDF}: 45.7/24$

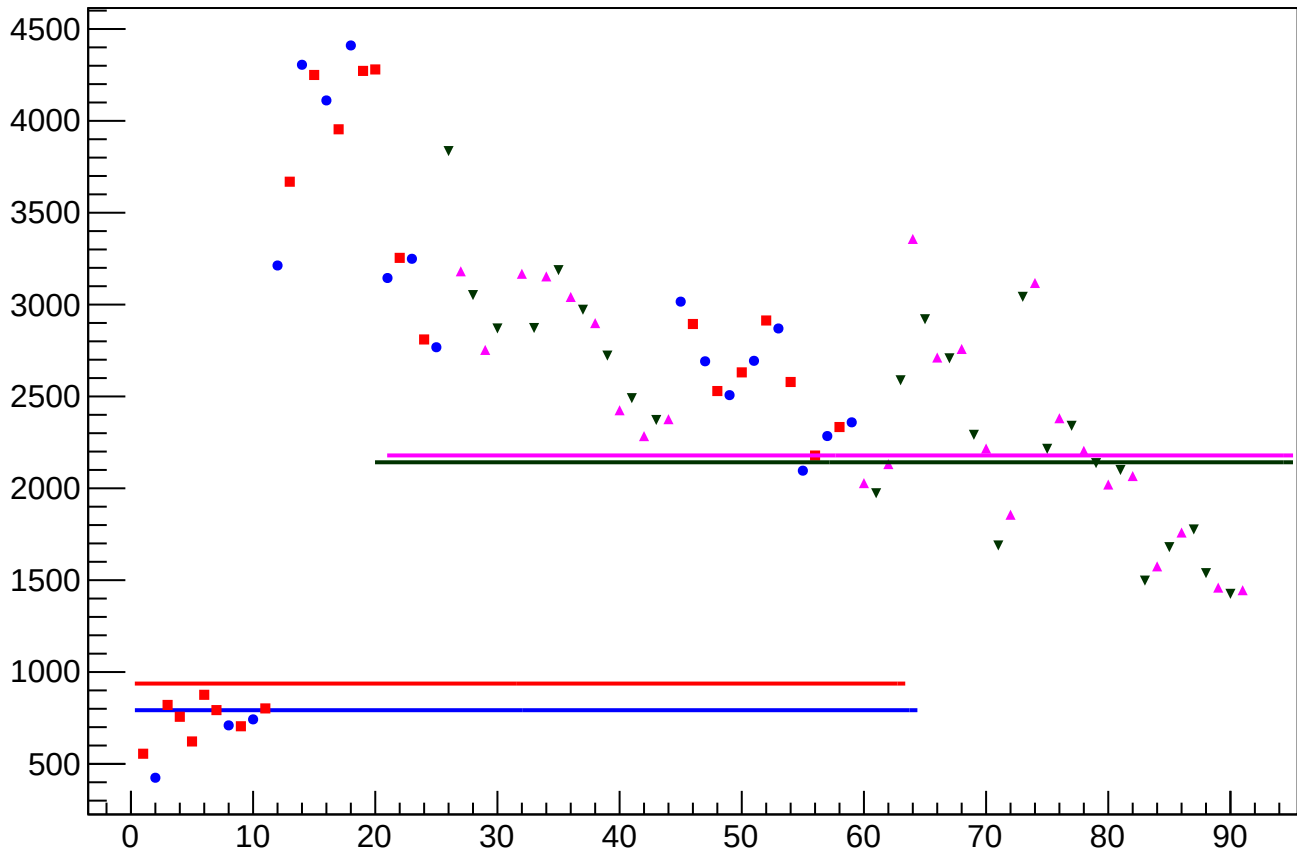
Right Out: -1207.767 ± 360.630 $\chi^2/\text{NDF}: 30.9/21$

Left In: 1358.711 ± 608.392 $\chi^2/\text{NDF}: 23.7/24$

-396.990 ± 288.576 $\chi^2/\text{NDF}: 62.5/42$

-540.466 ± 310.224 $\chi^2/\text{NDF}: 67.8/46$

cor_sam6_rms vs slug



Right In: 792.279 $\pm$ 0.229 χ^2 /NDF: 10932541.6/17

Left Out: 2141.679 $\pm$ 0.446 χ^2 /NDF:1685555.3/24

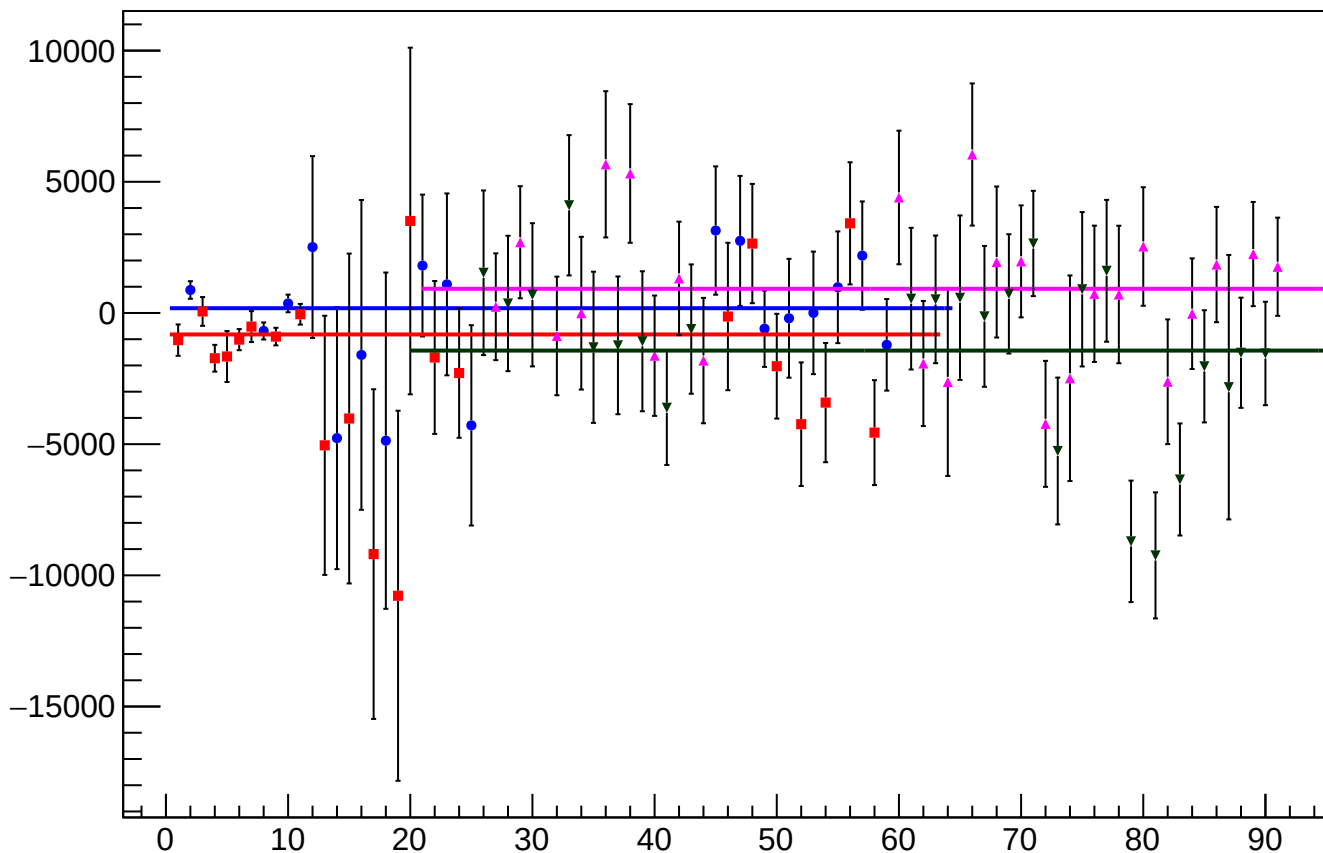
Right Out: 937.210 $\pm$ 0.255 χ^2 /NDF: 7268305.3/21

Left In: 2178.963 $\pm$ 0.430 χ^2 /NDF:1712266.2/24

1074.849 $\pm$ 0.204 χ^2 /NDF: 19857966.7/42

1260.074 $\pm$ 0.219 χ^2 /NDF: 15145961.8/46

cor_sam7_mean vs slug



Right In: 181.505+/-183.669 χ^2/NDF : 20.2/17

Left Out: -1433.488+/-500.199 χ^2/NDF : 43.9/24

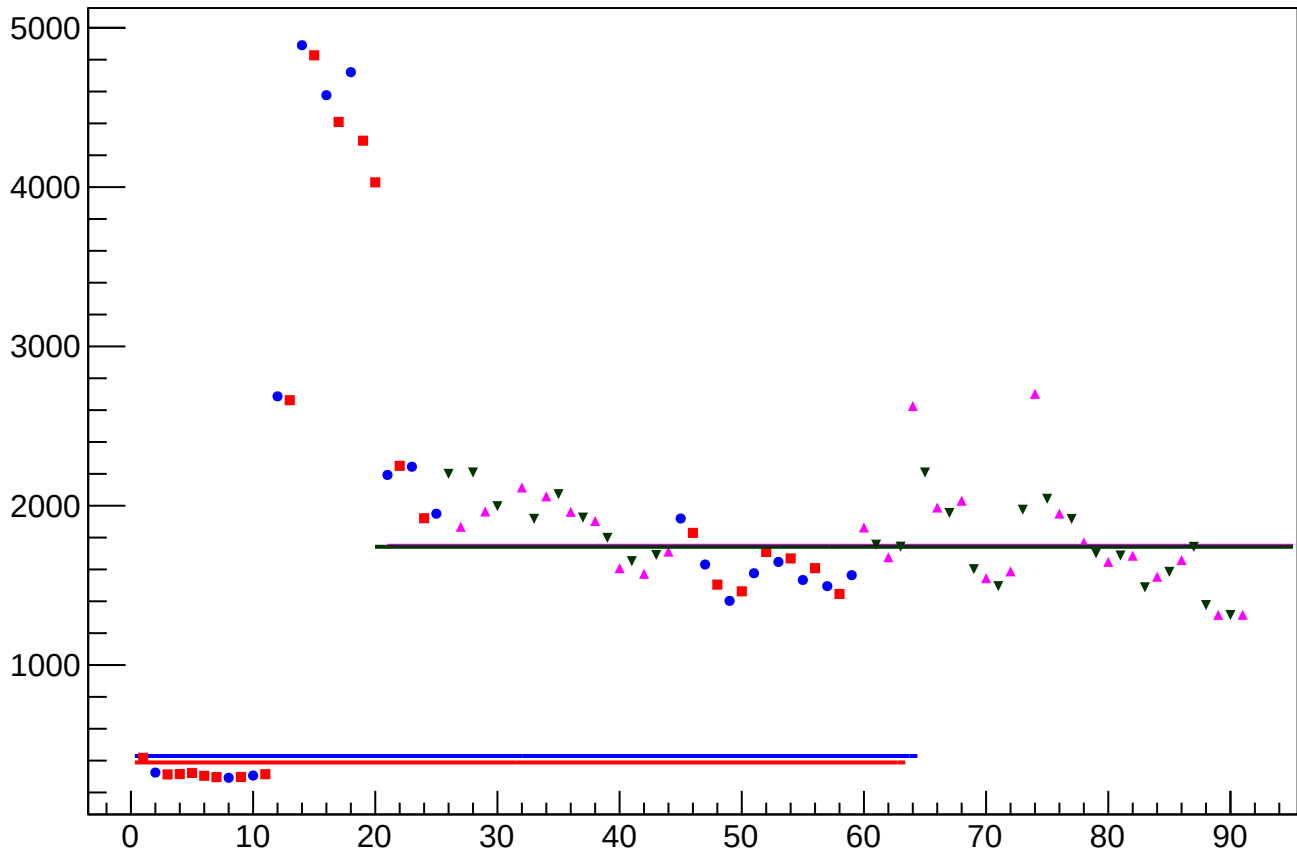
Right Out: -817.819+/-164.024 χ^2/NDF : 29.5/21

Left In: 921.685+/-477.506 χ^2/NDF : 27.1/24

-10.374+/-172.413 χ^2/NDF : 73.4/42

-634.232+/-155.127 χ^2/NDF : 68.5/46

cor_sam7_rms vs slug



Right In: 428.973 $\pm$ 0.130 χ^2 /NDF: 11944321.5/17

Left Out: 1742.218 $\pm$ 0.354 χ^2 /NDF: 508992.0/24

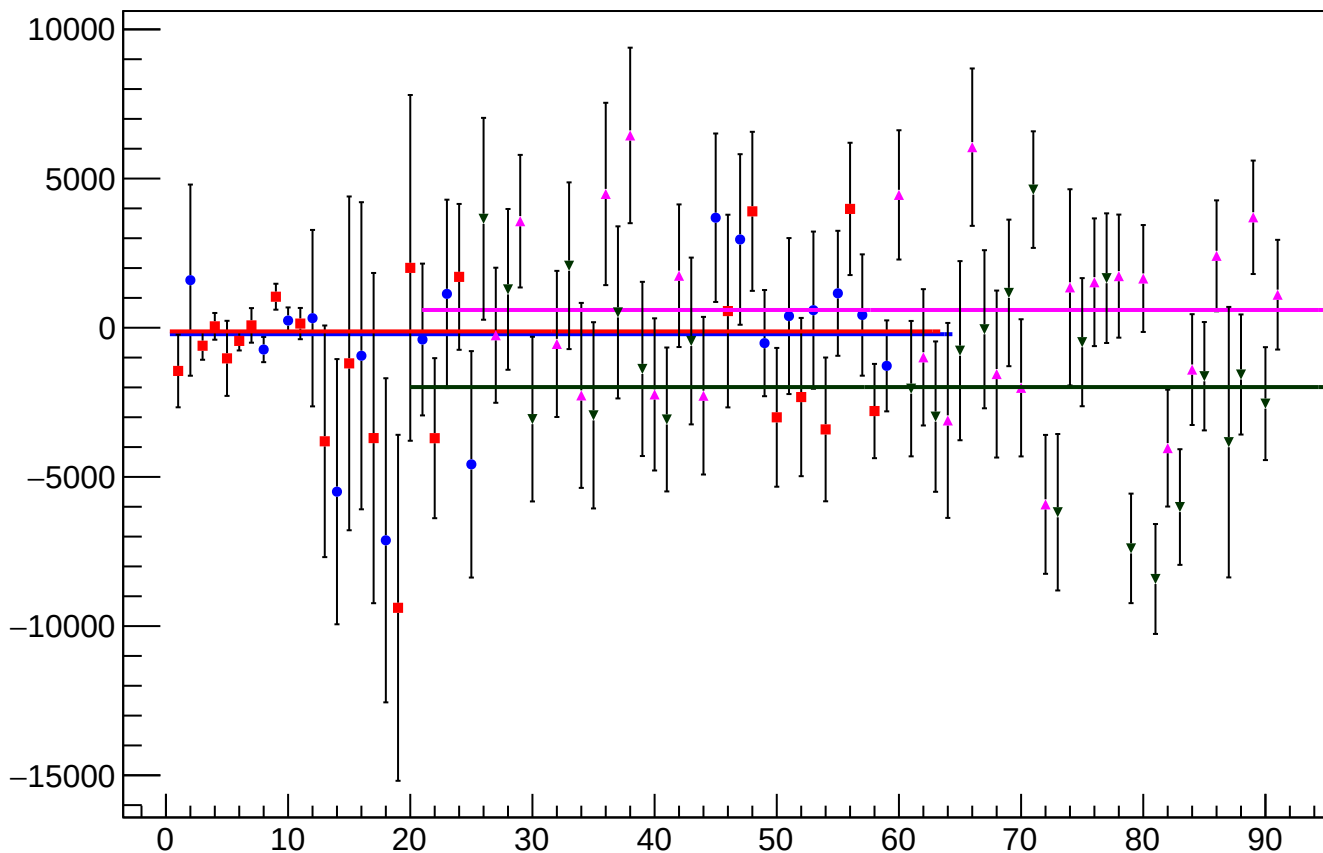
585.000 $\pm$ 0.122 χ^2 /NDF: 24601331.9/42

Right Out: 388.345 $\pm$ 0.116 χ^2 /NDF: 9453876.1/21

531.902 $\pm$ 0.110 χ^2 /NDF: 24659195.5/46

Left In: 1748.568 $\pm$ 0.338 χ^2 /NDF: 689112.5/24

cor_sam8_mean vs slug



Right In: -216.603 $\pm$ 275.501 χ^2 /NDF: 11.8/17

Left Out: -1988.876 $\pm$ 473.116 χ^2 /NDF: 53.3/24

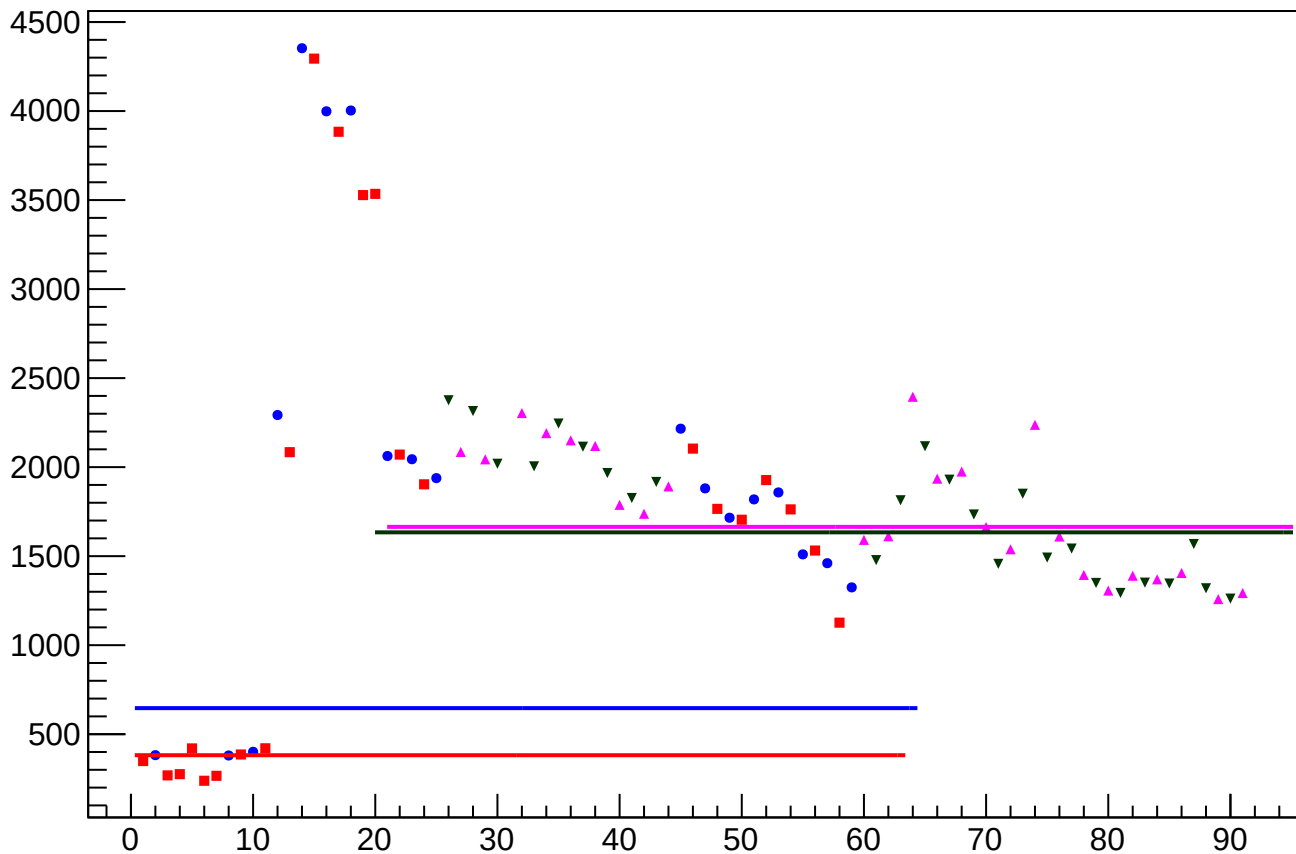
Right Out: -123.021 $\pm$ 170.674 χ^2 /NDF: 30.5/21

Left In: 595.182 $\pm$ 457.556 χ^2 /NDF: 41.5/24

-665.382 $\pm$ 238.077 χ^2 /NDF: 75.6/42

-35.297 $\pm$ 159.912 χ^2 /NDF: 74.1/46

cor_sam8_rms vs slug



Right In: 646.402+/-0.195 χ^2/NDF : 9890162.1/17

Left Out: 1633.723+/-0.335 χ^2/NDF : 967379.1/24

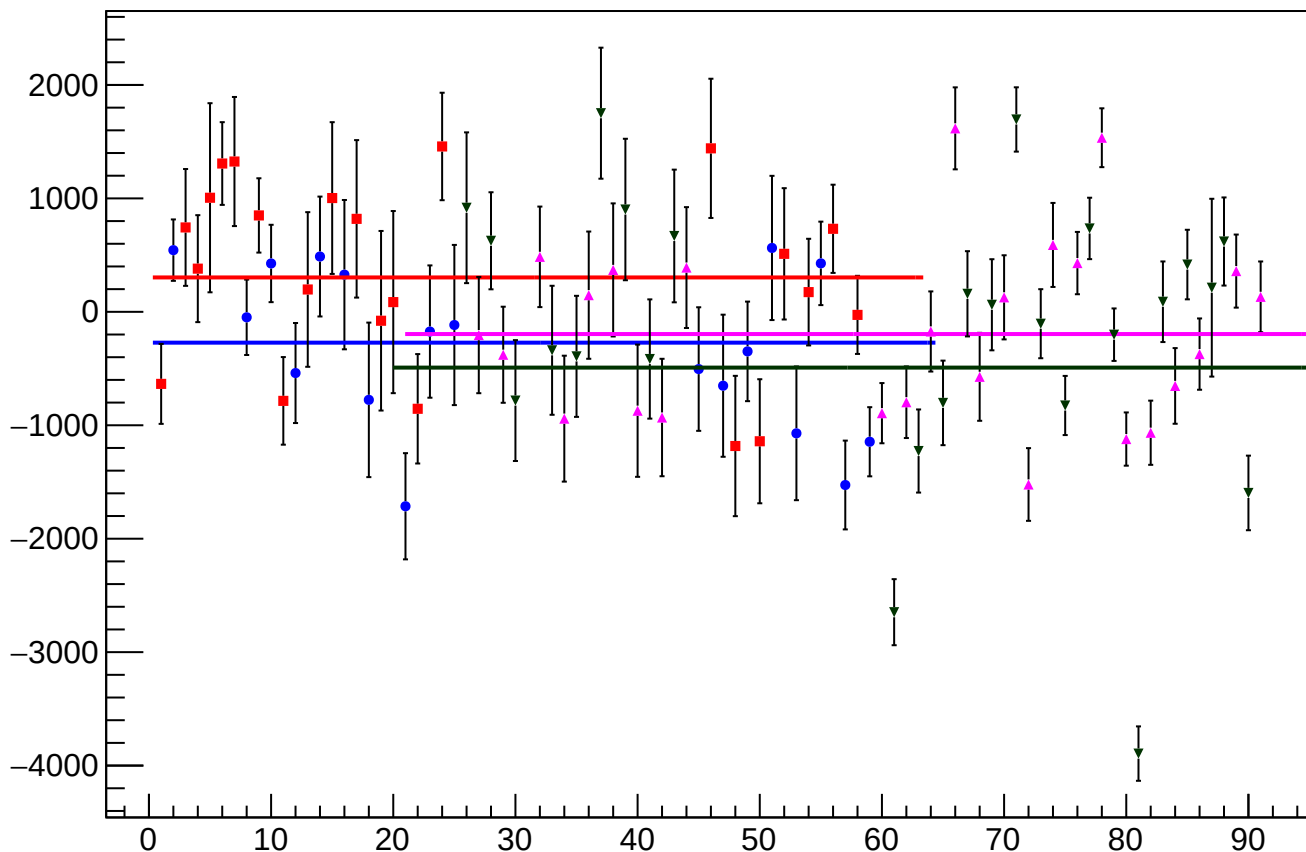
Right Out: 381.958+/-0.121 χ^2/NDF : 9709504.8/21

Left In: 1664.480+/-0.324 χ^2/NDF : 1073363.0/24

896.414+/-0.168 χ^2/NDF : 17361876.4/42

538.610+/-0.113 χ^2/NDF : 24576989.9/46

reg_asym_sam1_mean vs slug



Right In: -271.728+/-102.518 χ^2 /NDF: 53.4/17

Left Out: -491.623+/-71.900 χ^2 /NDF: 418.2/24

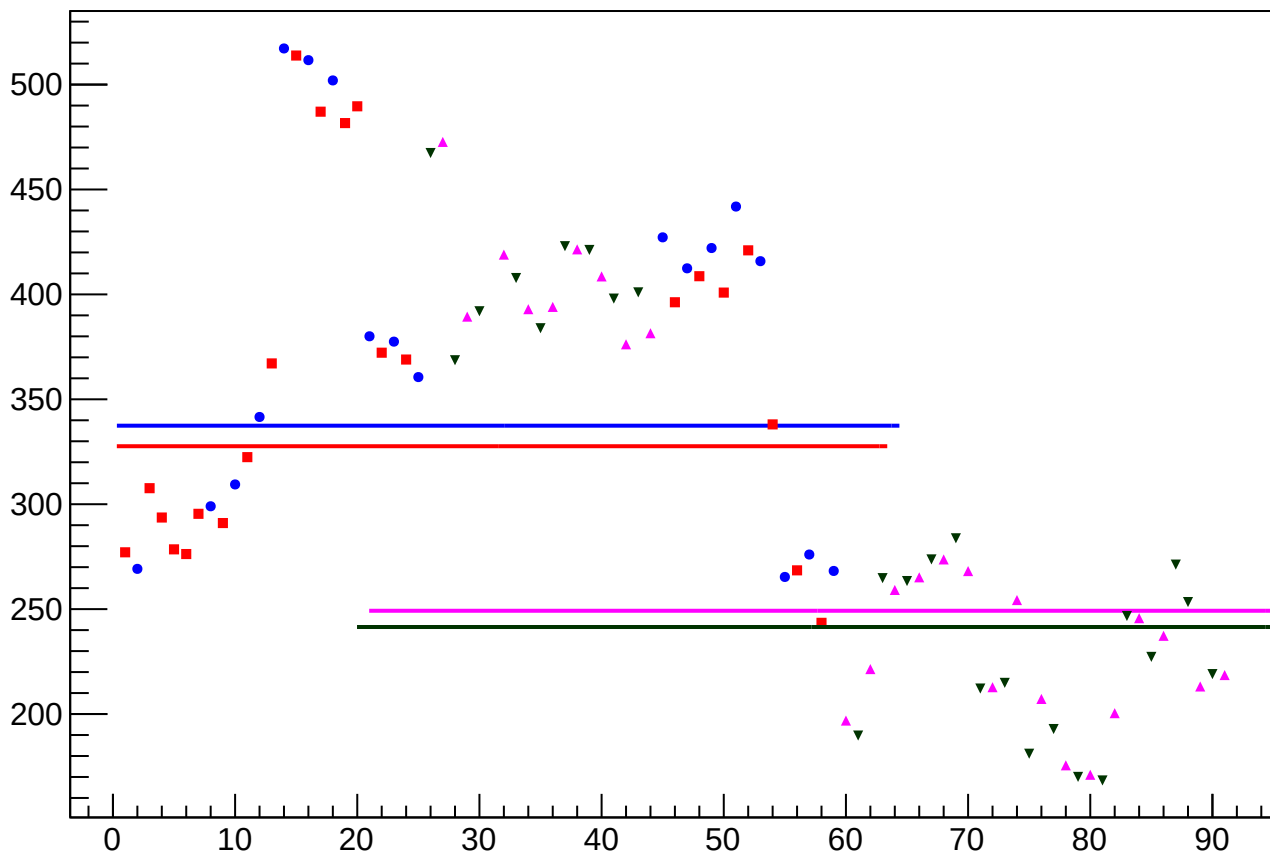
Right Out: 303.216+/-103.176 χ^2 /NDF: 62.3/21

Left In: -195.814+/-70.240 χ^2 /NDF: 150.3/24

-419.123+/-58.866 χ^2 /NDF: 474.6/42

-37.777+/-58.063 χ^2 /NDF: 228.6/46

reg_asym_sam1_rms vs slug



Right In: 337.427+/-0.072 χ^2/NDF : 1160127.1/17

Left Out: 241.478+/-0.051 χ^2/NDF : 2289691.1/24

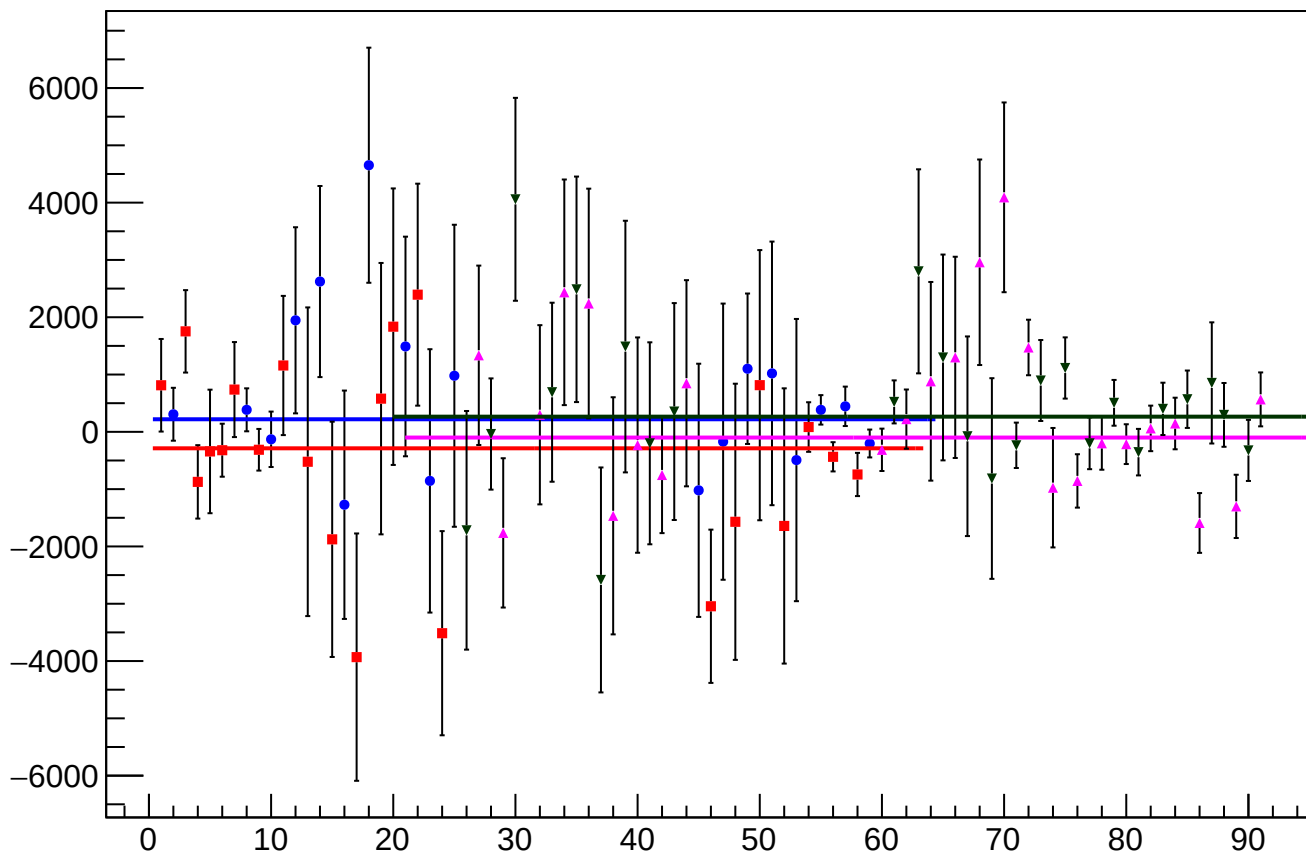
Right Out: 327.640+/-0.073 χ^2/NDF : 903733.8/21

Left In: 249.220+/-0.050 χ^2/NDF : 2401391.1/24

273.113+/-0.042 χ^2/NDF : 4624100.3/42

274.055+/-0.041 χ^2/NDF : 4094608.6/46

asym_sam1_correction_mean vs slug



Right In: 219.417 ± 129.391 χ^2/NDF : 14.8/17

Left Out: 264.934 ± 132.132 χ^2/NDF : 23.3/24

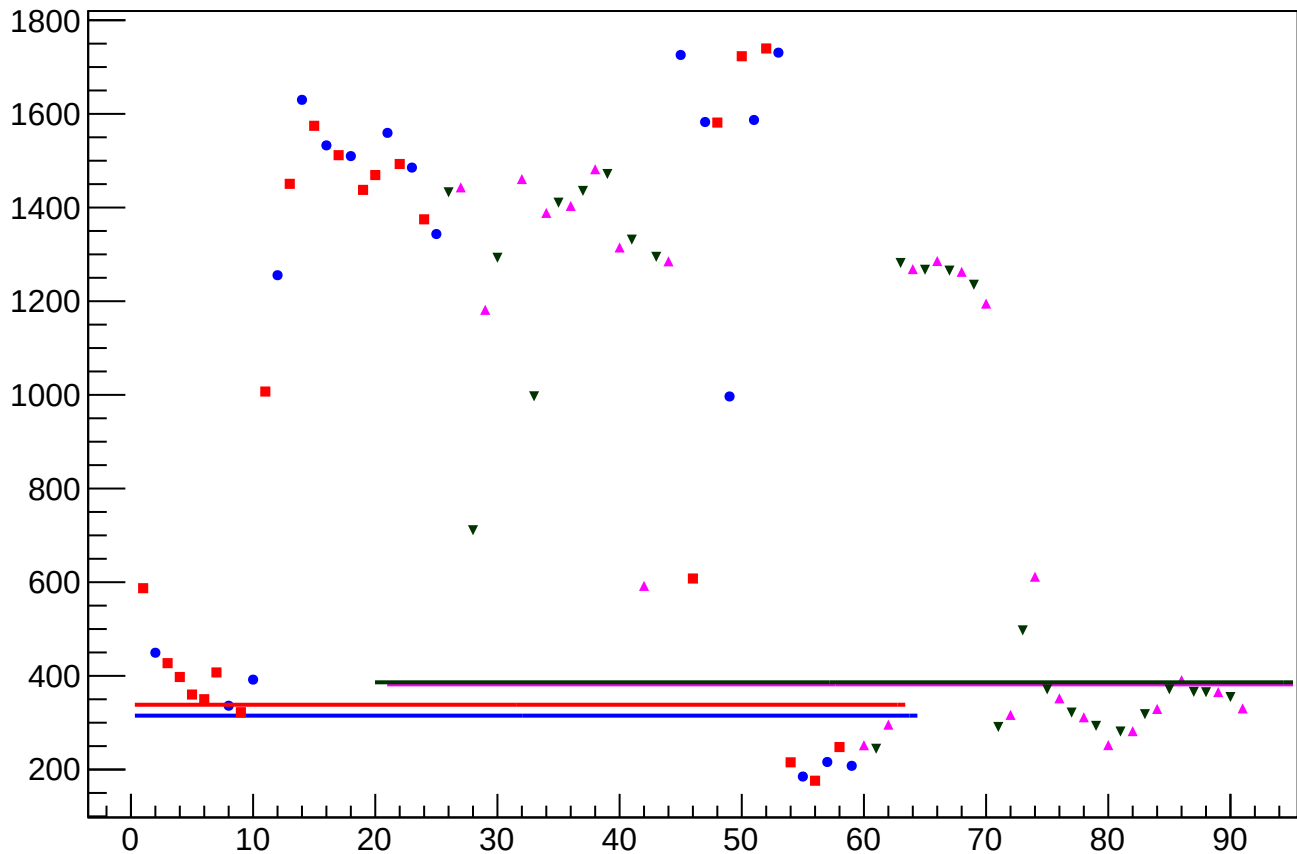
Right Out: -287.476 ± 139.363 χ^2/NDF : 30.9/21

Left In: -99.717 ± 127.377 χ^2/NDF : 47.1/24

241.698 ± 92.447 χ^2/NDF : 38.2/42

-185.177 ± 94.022 χ^2/NDF : 78.9/46

asym_sam1_correction_rms vs slug



Right In: 315.049+/-0.091 χ^2/NDF : 9478565.0/17

Left Out: 386.243+/-0.093 χ^2/NDF : 6956092.5/24

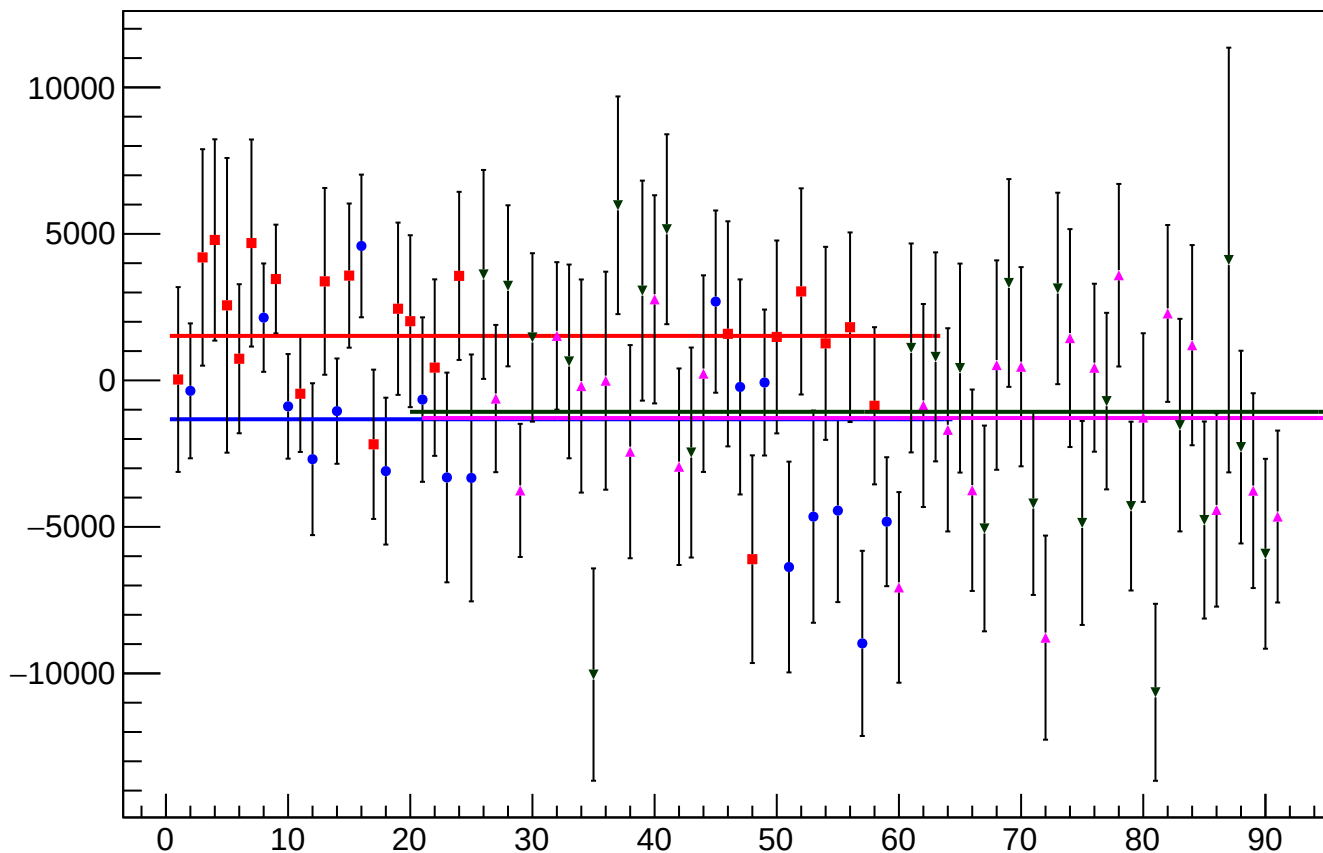
Right Out: 338.337+/-0.099 χ^2/NDF : 7848644.3/21

Left In: 381.820+/-0.090 χ^2/NDF : 8283605.8/24

349.899+/-0.065 χ^2/NDF : 16731057.9/42

362.029+/-0.066 χ^2/NDF : 16238334.6/46

reg_asym_sam2_mean vs slug



Right In: -1326.680 ± 603.652 χ^2/NDF : 25.2/17

Left Out: -1072.371 ± 673.701 χ^2/NDF : 42.9/24

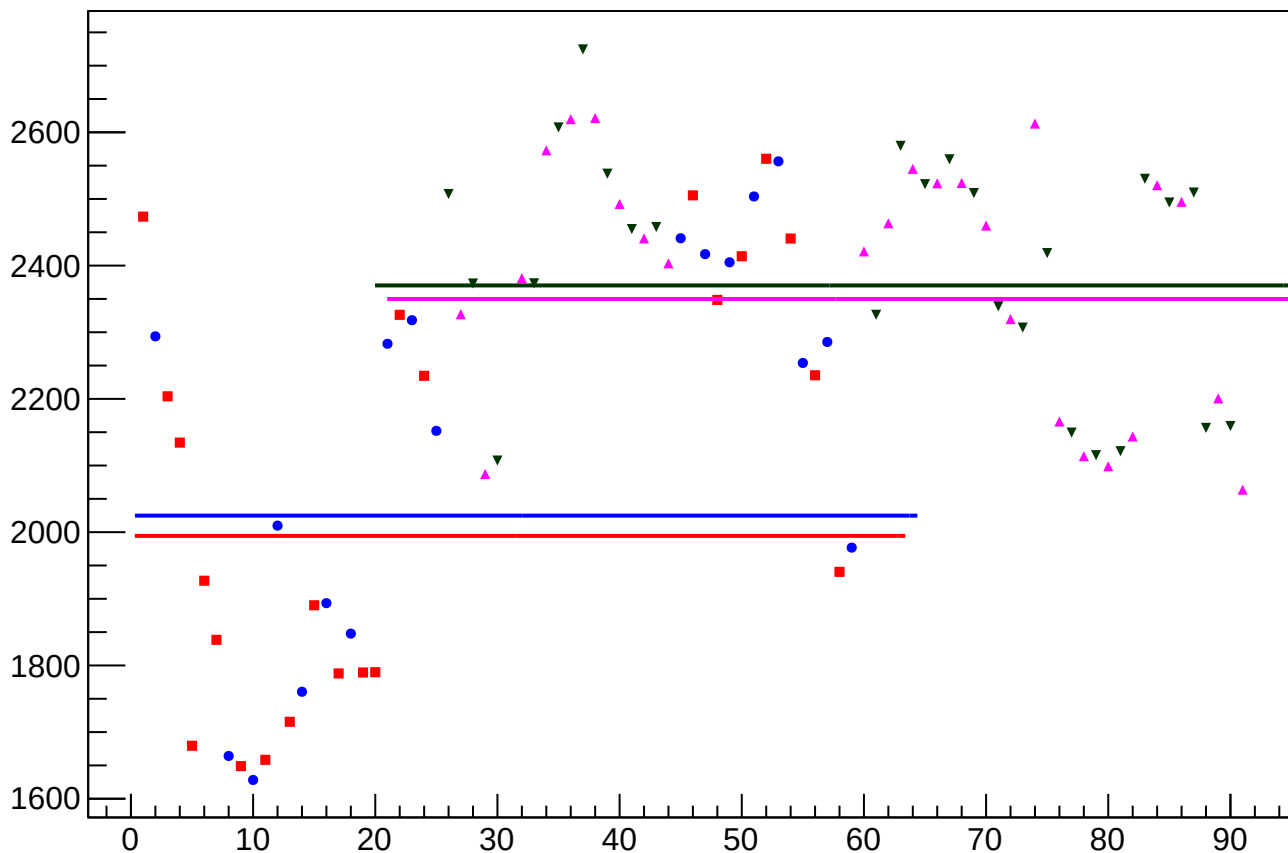
Right Out: 1518.785 ± 619.527 χ^2/NDF : 14.2/21

Left In: -1284.711 ± 633.078 χ^2/NDF : 21.5/24

-1213.430 ± 449.579 χ^2/NDF : 68.3/42

147.363 ± 442.785 χ^2/NDF : 45.7/46

reg_asym_sam2_rms vs slug



Right In: 2024.814 $\pm$ 0.427 χ^2 /NDF: 502543.8/17

Left Out: 2370.254 $\pm$ 0.476 χ^2 /NDF:138267.5/24

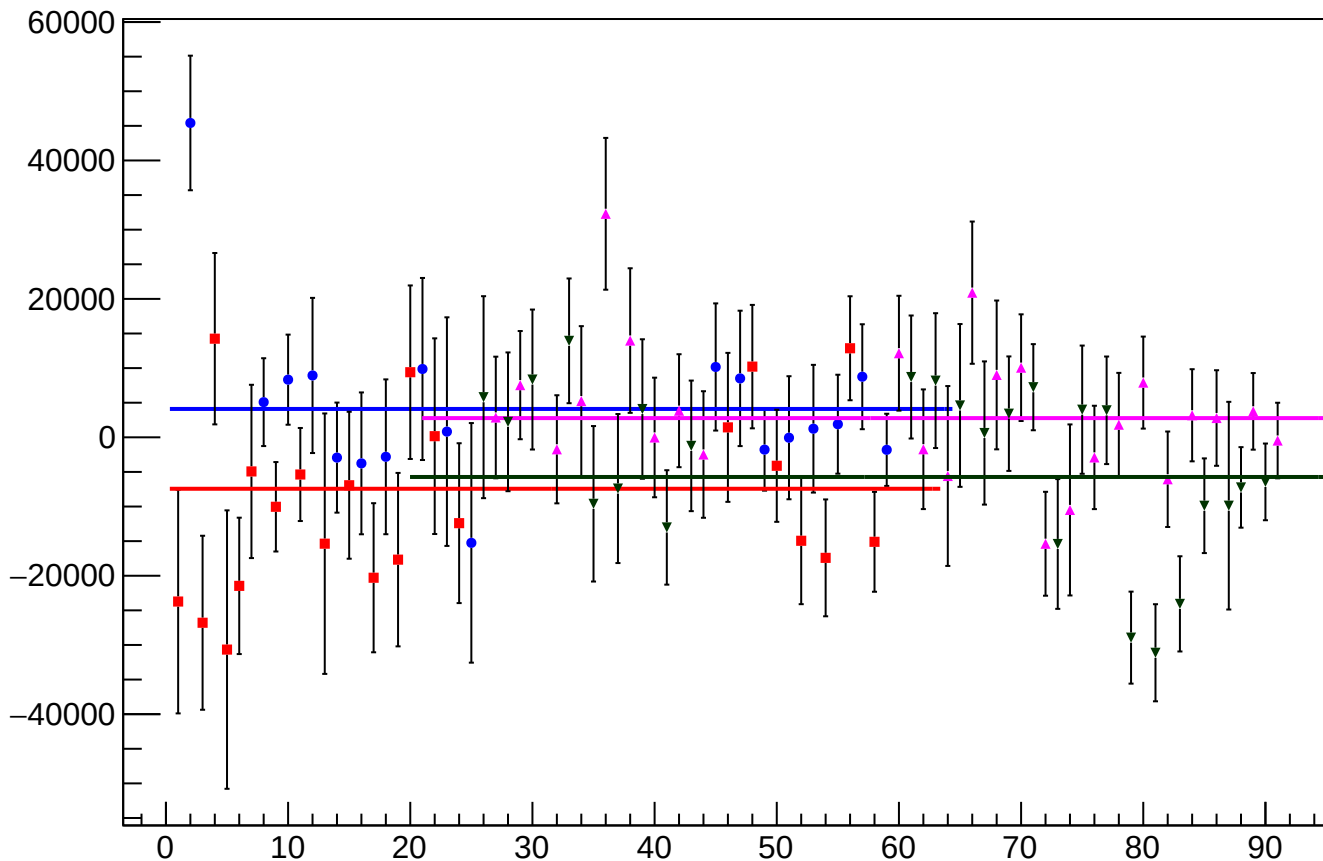
Right Out: 1994.484 $\pm$ 0.438 χ^2 /NDF: 473616.0/21

Left In: 2349.917 $\pm$ 0.448 χ^2 /NDF:169360.1/24

2178.647 $\pm$ 0.318 χ^2 /NDF: 932472.5/42

2168.356 $\pm$ 0.313 χ^2 /NDF: 965005.9/46

asym_sam2_correction_mean vs slug



Right In: 4099.339+/-1953.385 χ^2/NDF : 25.6/17

Left Out: -5729.690+/-1664.693 χ^2/NDF : 58.1/24

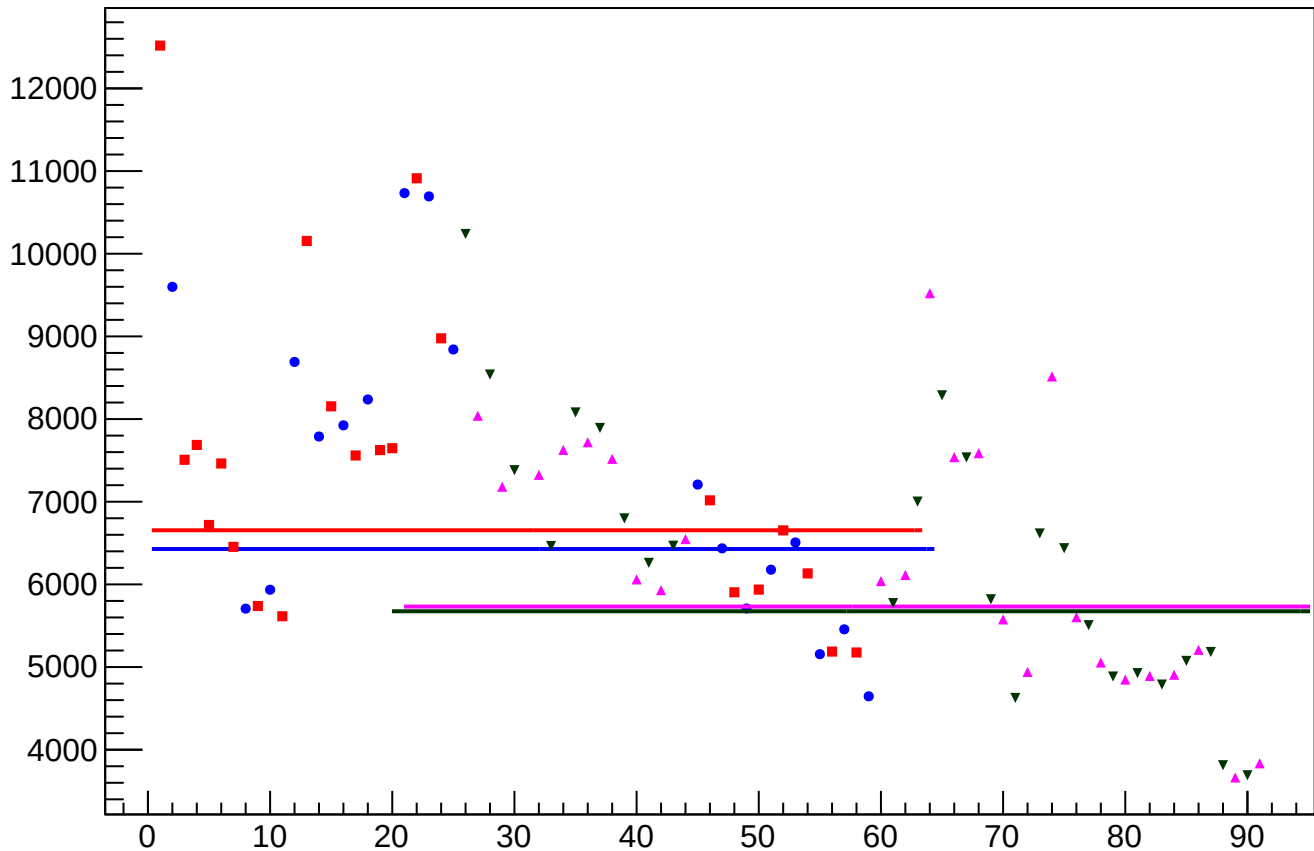
-1594.488+/-1267.012 χ^2/NDF : 98.4/42

Right Out: -7432.799+/-2099.797 χ^2/NDF : 29.9/21

-951.606+/-1268.809 χ^2/NDF : 71.1/46

Left In: 2775.768+/-1592.397 χ^2/NDF : 26.1/24

asym_sam2_correction_rms vs slug



Right In: 6428.206+/-1.381 χ^2/NDF : 1247245.0/17

Left Out: 5674.882+/-1.177 χ^2/NDF : 1512856.2/24

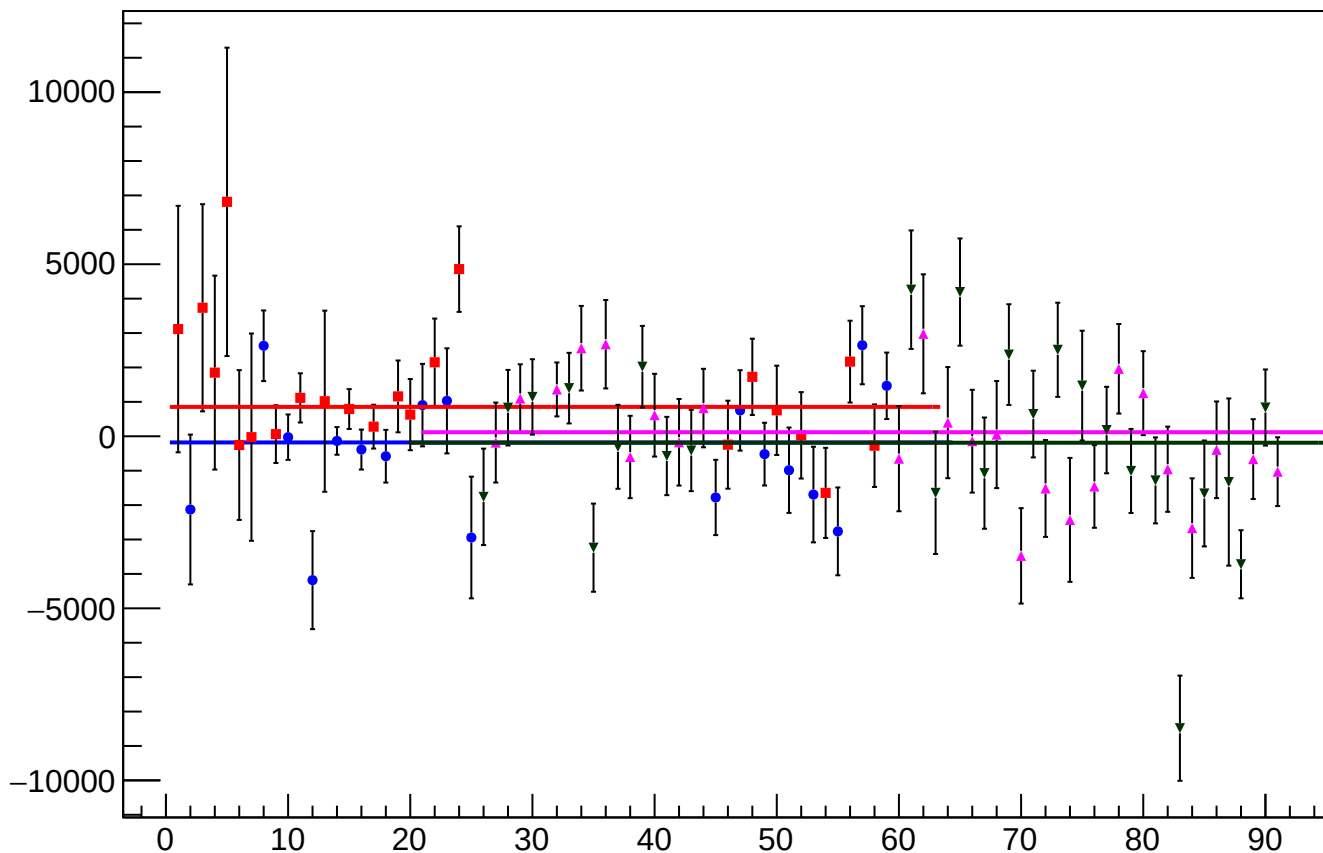
Right Out: 6654.777+/-1.485 χ^2/NDF : 998523.8/21

Left In: 5731.966+/-1.126 χ^2/NDF : 1562901.3/24

5991.815+/-0.896 χ^2/NDF : 2932411.8/42

6068.905+/-0.897 χ^2/NDF : 2806665.2/46

reg_asym_sam3_mean vs slug



Right In: -179.238+/-210.097 χ^2/NDF : 38.3/17

Left Out: -187.596+/-259.233 χ^2/NDF : 84.8/24

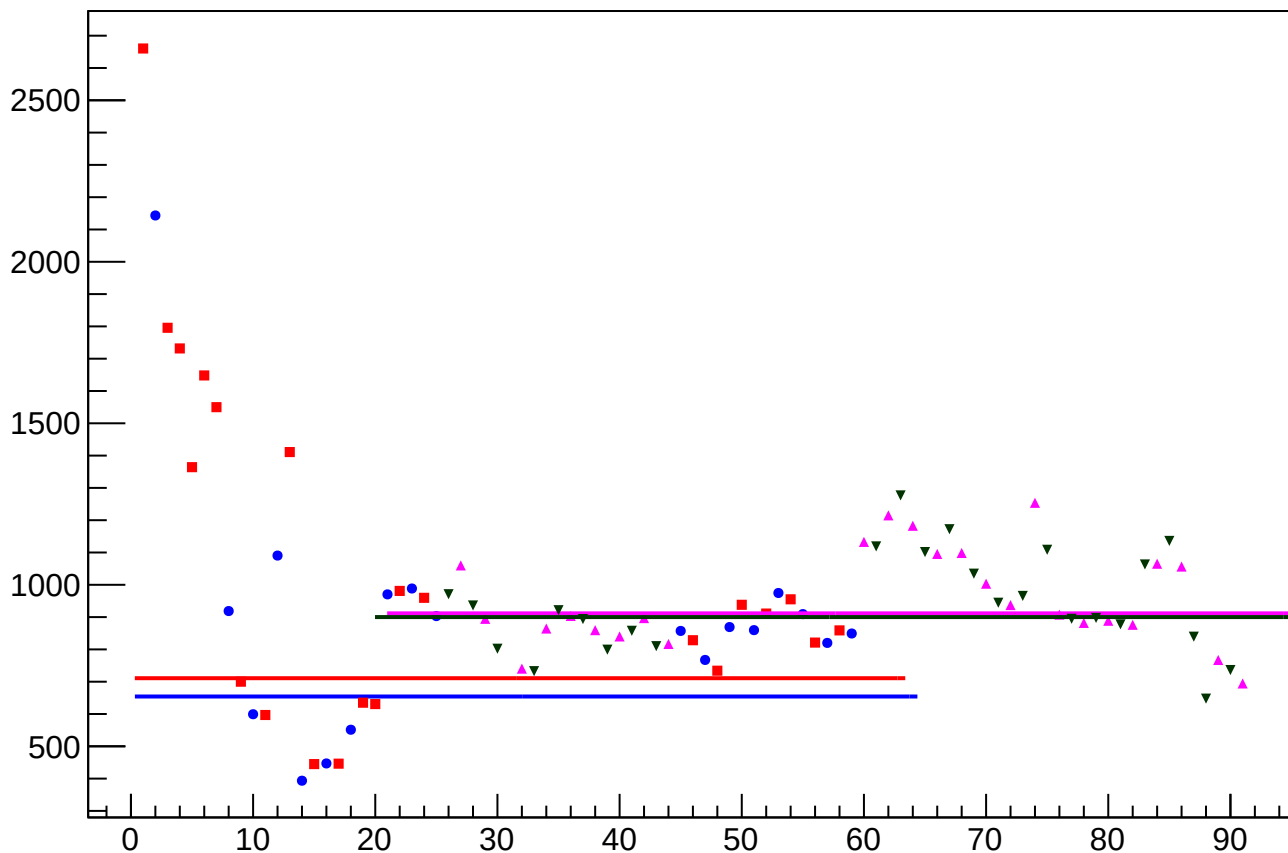
Right Out: 853.893+/-239.632 χ^2/NDF : 24.5/21

Left In: 117.964+/-249.096 χ^2/NDF : 36.5/24

-182.552+/-163.222 χ^2/NDF : 123.1/42

500.174+/-172.694 χ^2/NDF : 65.5/46

reg_asym_sam3_rms vs slug



Right In: 654.176 ± 0.149 $\chi^2/\text{NDF}: 3241564.1/17$

Left Out: 900.090 ± 0.183 $\chi^2/\text{NDF}: 622010.0/24$

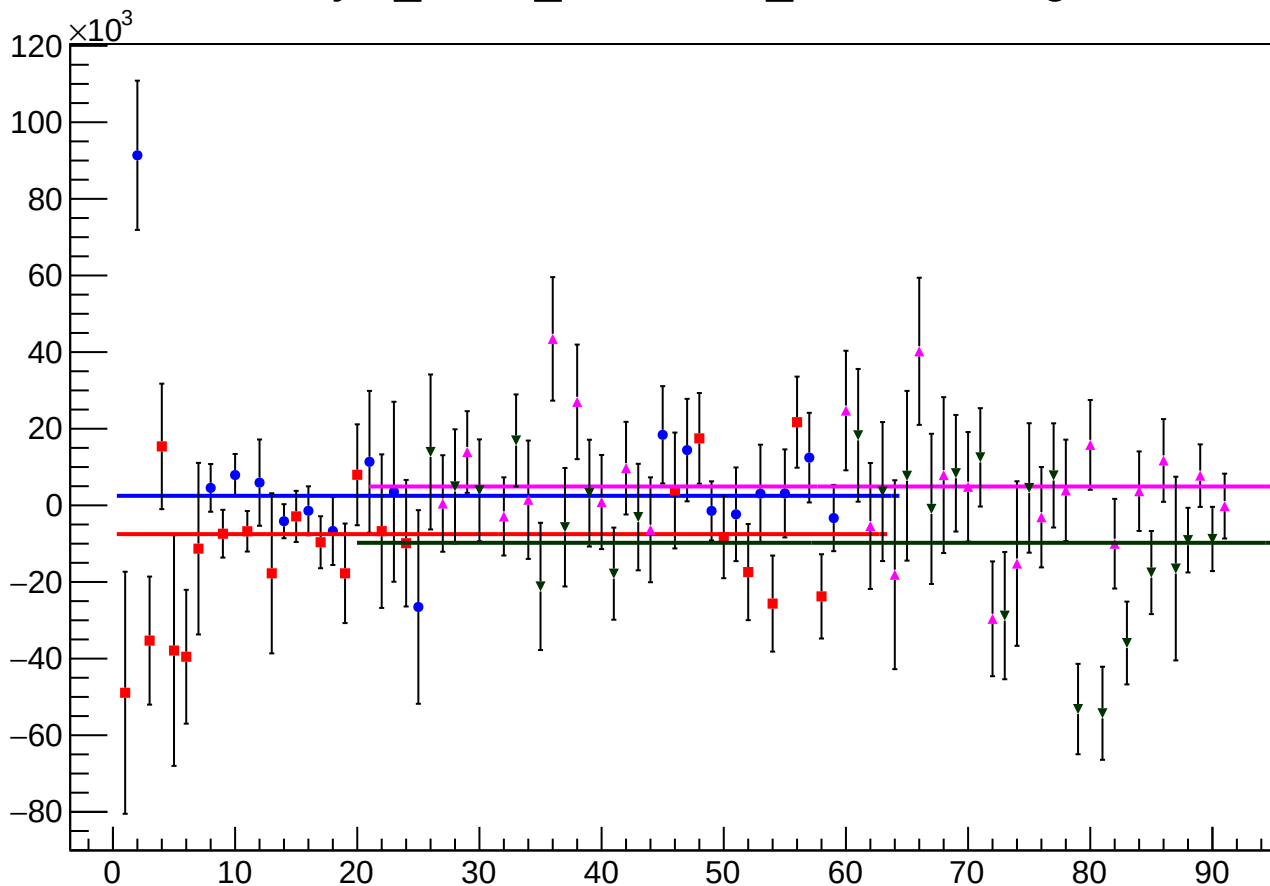
Right Out: 710.836 ± 0.169 $\chi^2/\text{NDF}: 3083540.8/21$

Left In: 911.598 ± 0.176 $\chi^2/\text{NDF}: 629866.7/24$

751.667 ± 0.115 $\chi^2/\text{NDF}: 4949833.1/42$

807.331 ± 0.122 $\chi^2/\text{NDF}: 4388130.7/46$

asym_sam3_correction_mean vs slug



Right In: 2487.659 $\pm$ 2070.592 χ^2 /NDF: 31.2/17

Left Out: -9774.193 $\pm$ 2676.844 χ^2 /NDF: 56.0/24

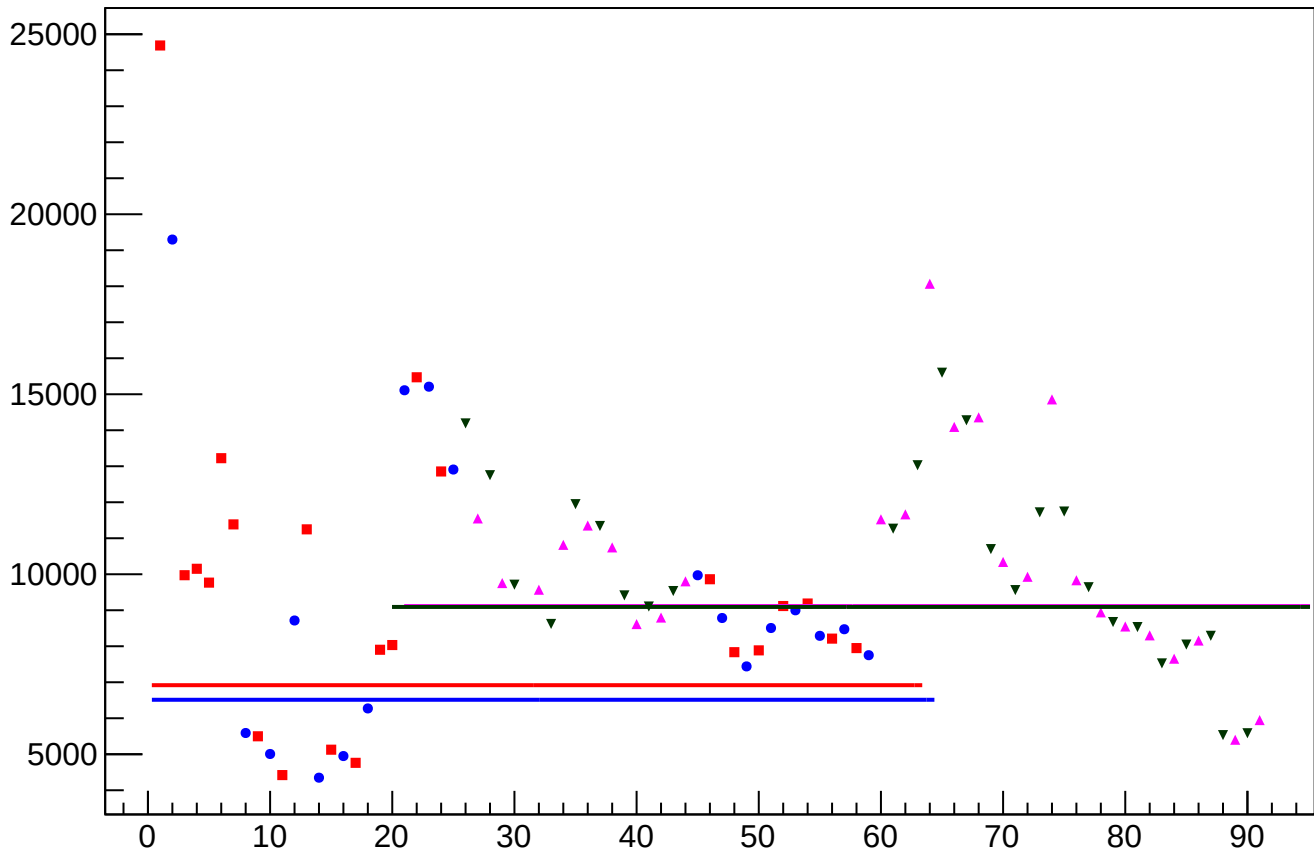
Right Out: -7509.970 $\pm$ 2302.694 χ^2 /NDF: 29.7/21

Left In: 4925.780 $\pm$ 2539.198 χ^2 /NDF: 26.5/24

-2102.542 $\pm$ 1637.800 χ^2 /NDF: 100.3/42

-1898.076 $\pm$ 1705.750 χ^2 /NDF: 69.4/46

asym_sam3_correction_rms vs slug



Right In: 6513.247+/-1.464 χ^2/NDF : 3070346.5/17

Left Out: 9092.015+/-1.893 χ^2/NDF :1701303.2/24

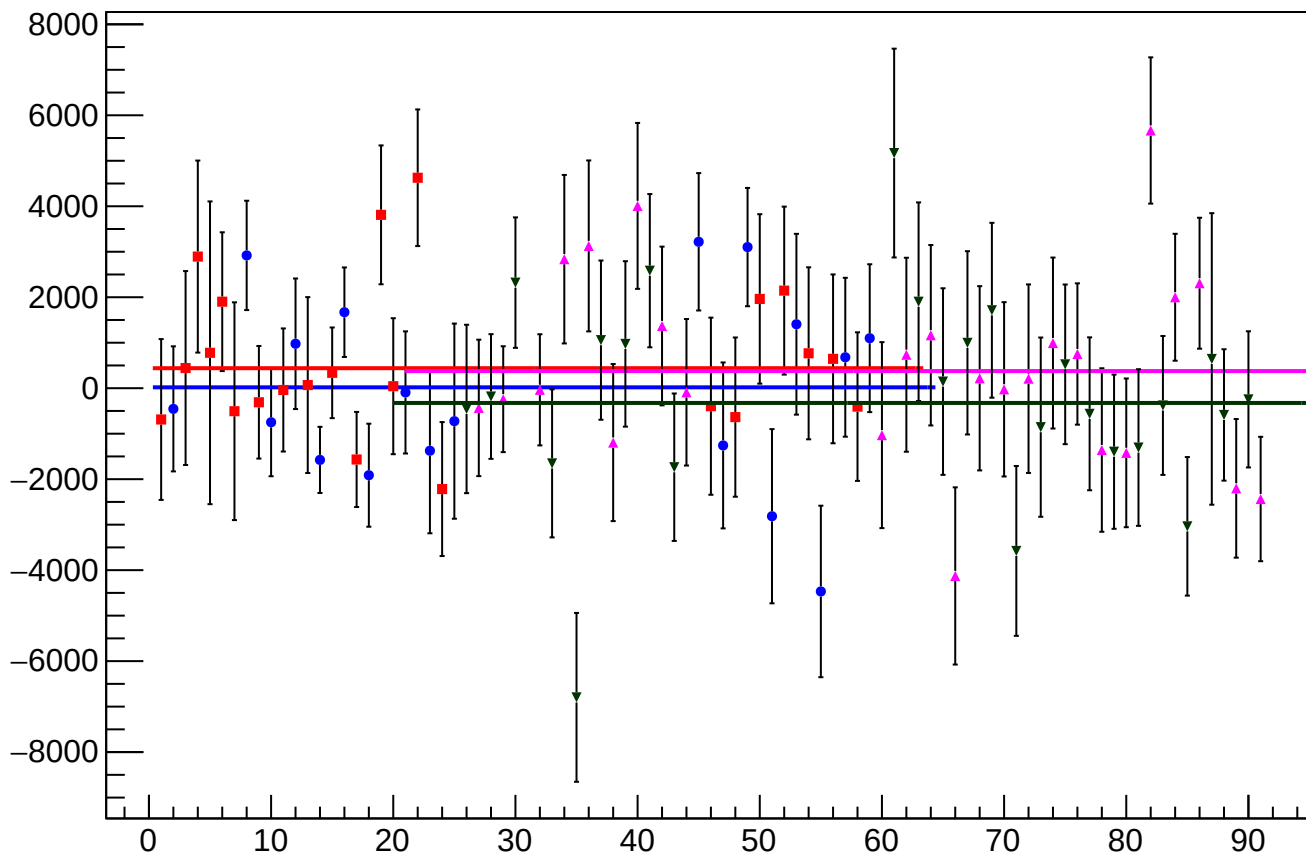
Right Out: 6918.373+/-1.628 χ^2/NDF : 3036847.0/21

Left In: 9117.398+/-1.795 χ^2/NDF :1742709.9/24

7478.604+/-1.158 χ^2/NDF : 5932940.9/42

7910.729+/-1.206 χ^2/NDF : 5602661.0/46

reg_asym_sam4_mean vs slug



Right In: 19.064+/-315.624 χ^2/NDF : 37.6/17

Left Out: -324.121+/-347.393 χ^2/NDF : 36.9/24

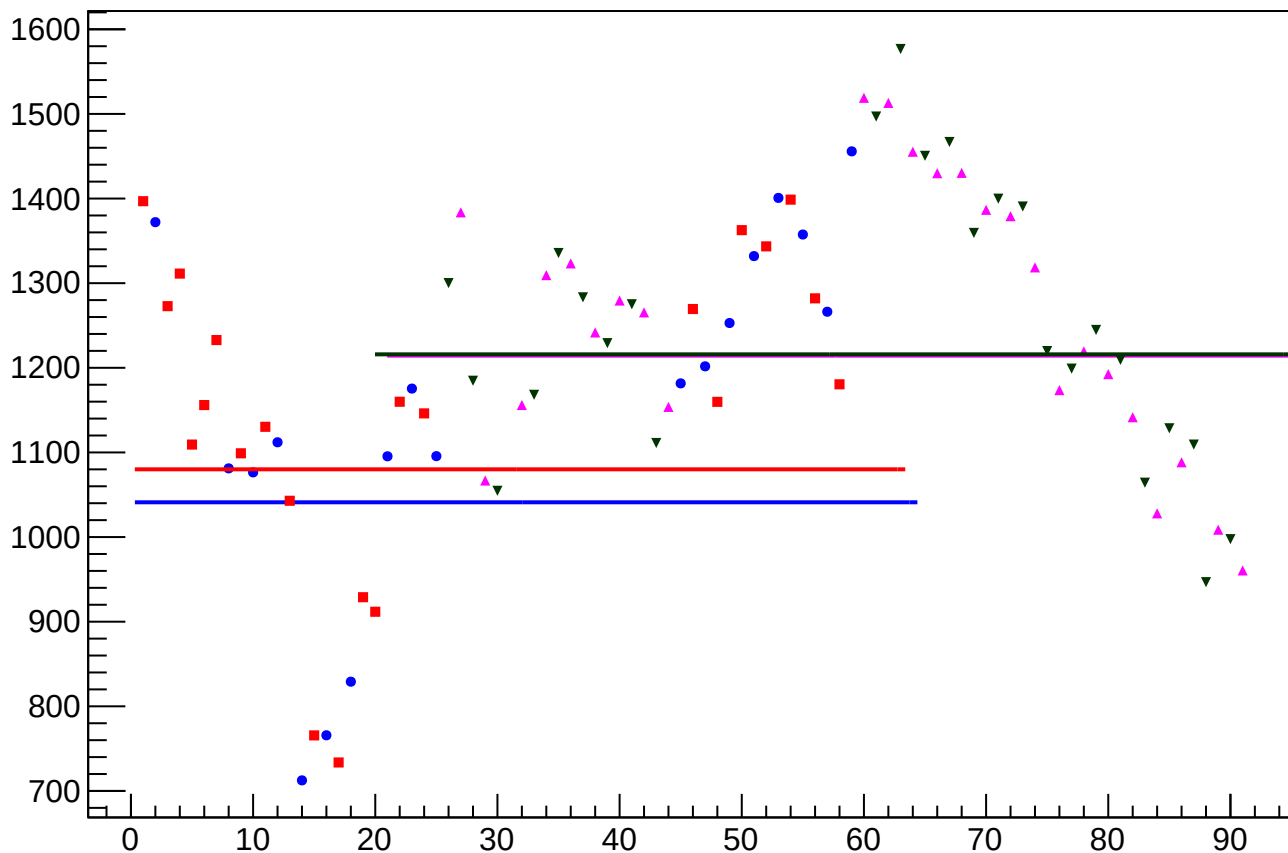
Right Out: 439.846+/-338.164 χ^2/NDF : 25.4/21

Left In: 376.706+/-329.086 χ^2/NDF : 39.2/24

-136.122+/-233.606 χ^2/NDF : 75.0/42

407.417+/-235.843 χ^2/NDF : 64.7/46

reg_asym_sam4_rms vs slug



Right In: 1041.081 $\pm$ 0.223 χ^2 /NDF: 1192471.3/17

Left Out: 1215.899 $\pm$ 0.246 χ^2 /NDF: 383922.0/24

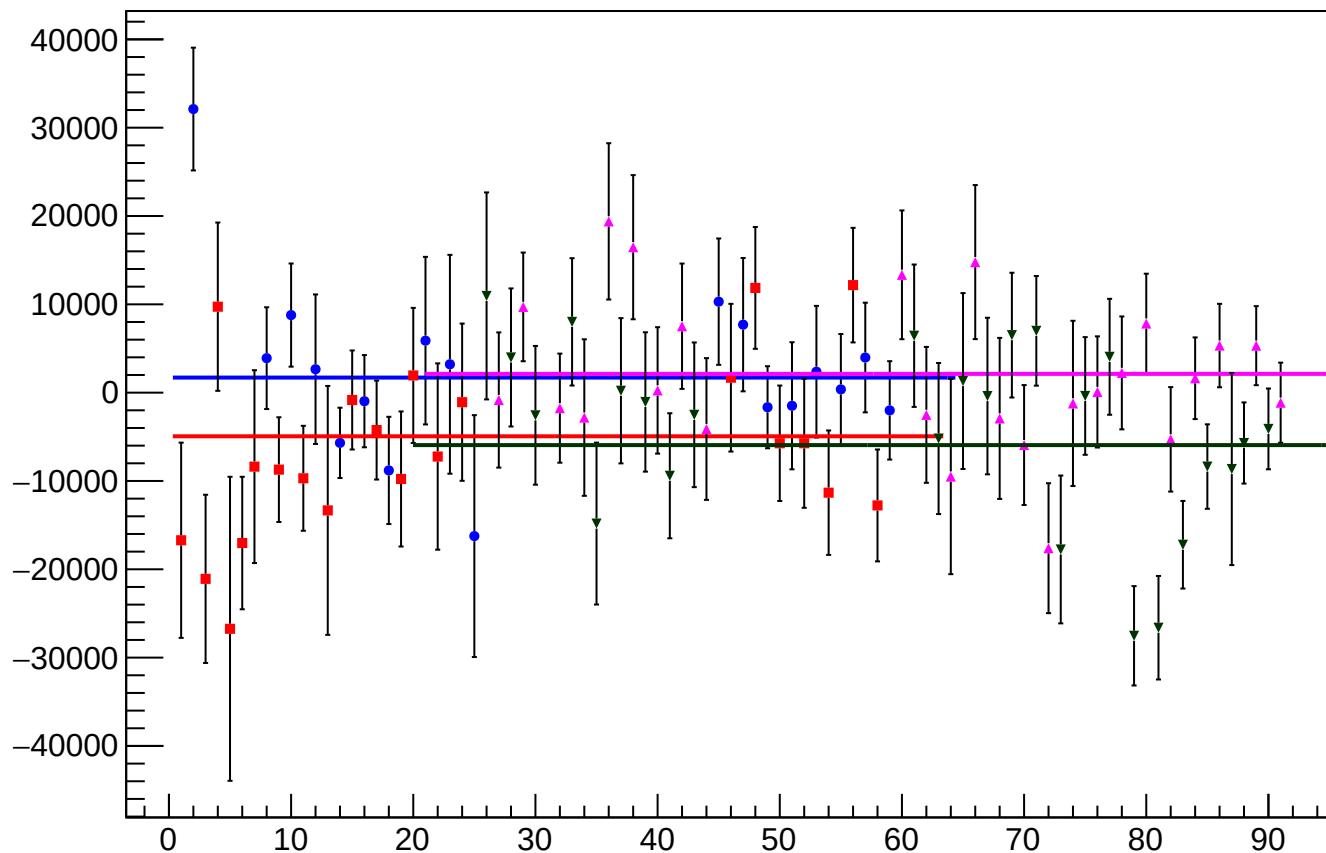
Right Out: 1080.043 $\pm$ 0.239 χ^2 /NDF: 792961.7/21

Left In: 1214.344 $\pm$ 0.233 χ^2 /NDF: 439405.4/24

1120.133 $\pm$ 0.165 χ^2 /NDF: 1853847.0/42

1149.020 $\pm$ 0.167 χ^2 /NDF: 1394383.9/46

asym_sam4_correction_mean vs slug



Right In: 1706.149 ± 1493.344 χ^2/NDF : 32.8/17

Left Out: -5939.152 ± 1356.623 χ^2/NDF : 58.5/24

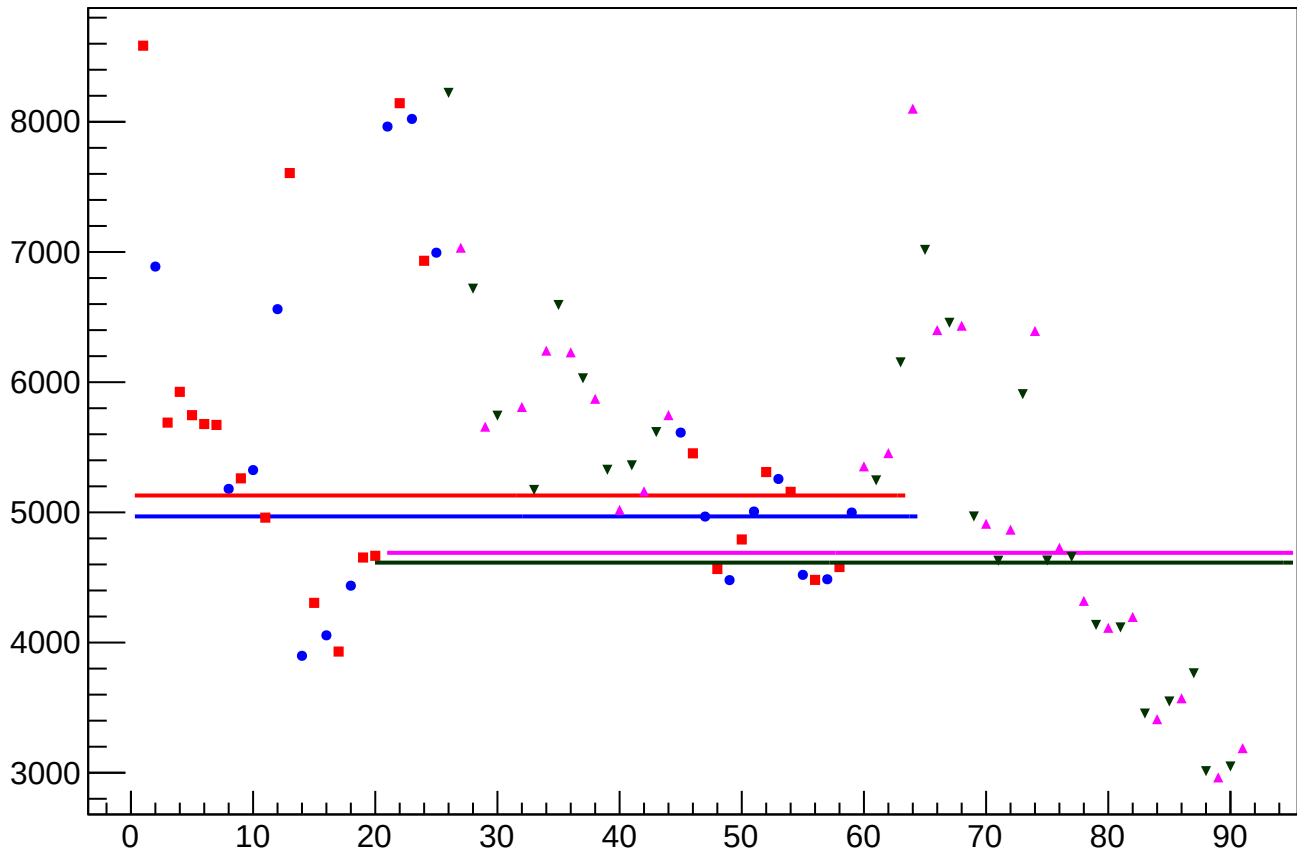
Right Out: -4941.778 ± 1606.667 χ^2/NDF : 30.0/21

Left In: 2125.266 ± 1306.734 χ^2/NDF : 29.7/24

-2482.425 ± 1004.142 χ^2/NDF : 105.7/42

-688.339 ± 1013.768 χ^2/NDF : 71.3/46

asym_sam4_correction_rms vs slug



Right In: 4968.976 $\pm$ 1.056 χ^2 /NDF: 883057.8/17

Left Out: 4614.055 $\pm$ 0.959 χ^2 /NDF:1669209.1/24

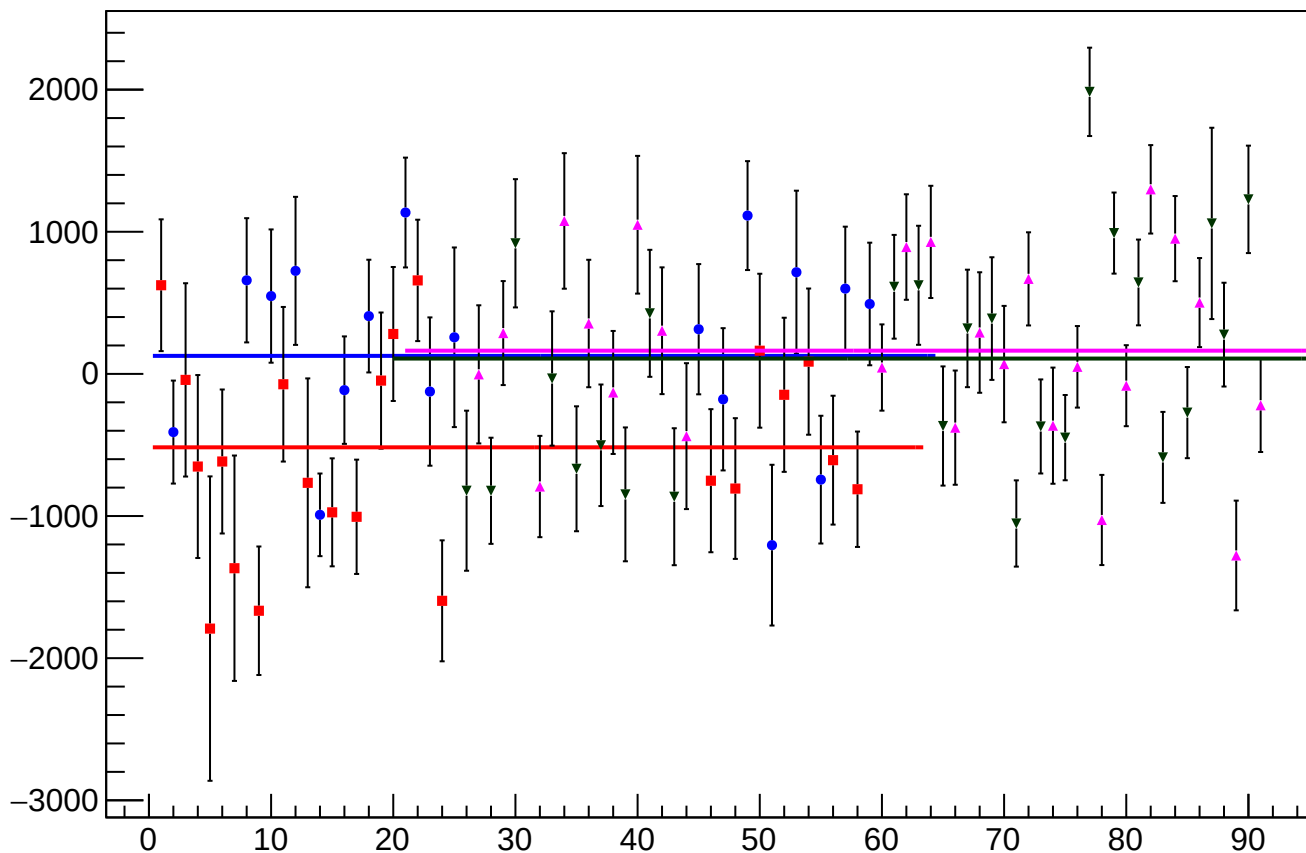
Right Out: 5129.773 $\pm$ 1.136 χ^2 /NDF: 752213.2/21

Left In: 4689.178 $\pm$ 0.924 χ^2 /NDF:1783625.1/24

4774.528 $\pm$ 0.710 χ^2 /NDF: 2614160.7/42

4864.592 $\pm$ 0.717 χ^2 /NDF: 2626361.7/46

reg_asym_sam5_mean vs slug



Right In: 126.832 ± 101.806 $\chi^2/\text{NDF}: 48.0/17$

Left Out: 107.921 ± 75.539 $\chi^2/\text{NDF}: 117.9/24$

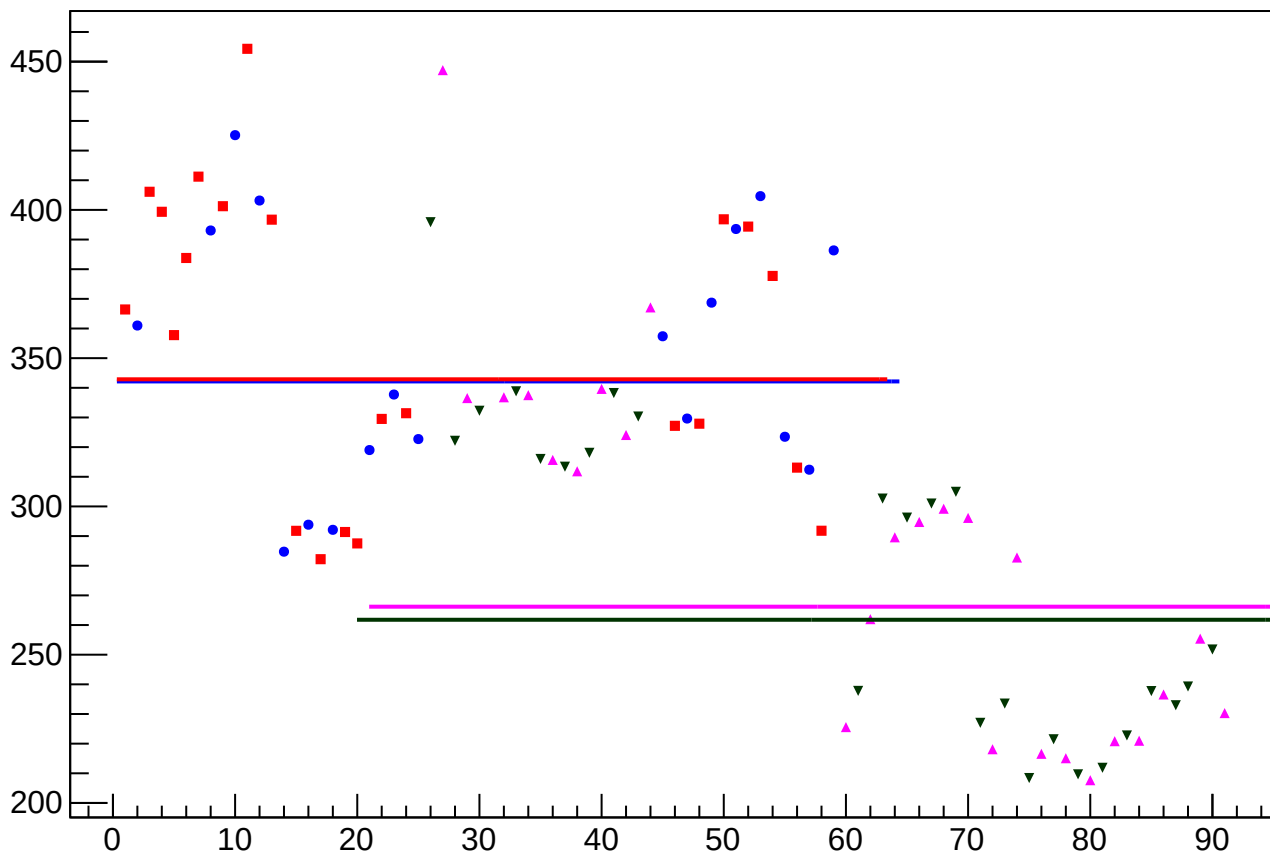
Right Out: -516.602 ± 106.451 $\chi^2/\text{NDF}: 41.7/21$

Left In: 163.481 ± 73.139 $\chi^2/\text{NDF}: 82.0/24$

114.636 ± 60.664 $\chi^2/\text{NDF}: 166.0/42$

-54.609 ± 60.282 $\chi^2/\text{NDF}: 151.5/46$

reg_asym_sam5_rms vs slug



Right In: 342.153 $\pm$ 0.072 χ^2 /NDF: 361612.2/17

Left Out: 261.779 $\pm$ 0.053 χ^2 /NDF: 847050.2/24

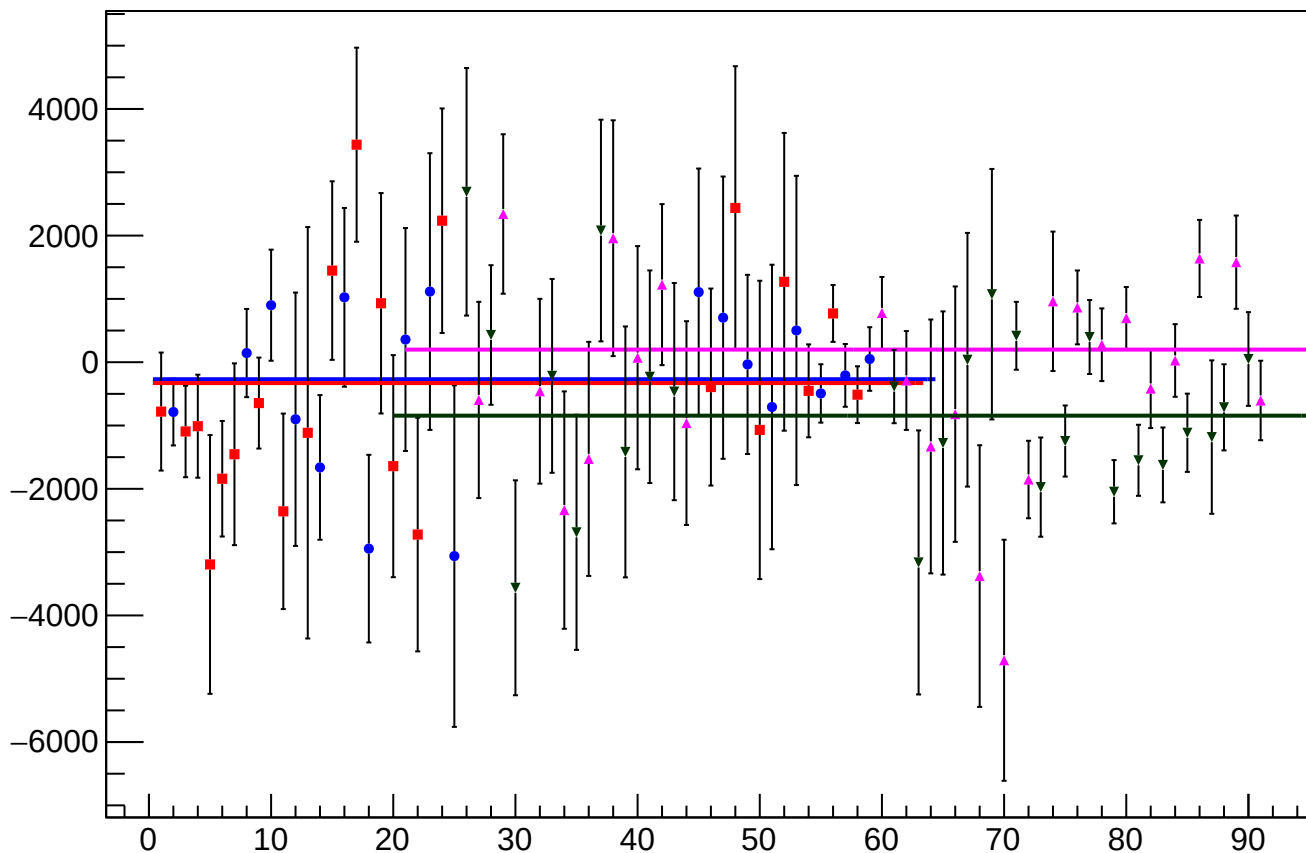
Right Out: 342.871 $\pm$ 0.075 χ^2 /NDF: 421151.7/21

Left In: 266.189 $\pm$ 0.052 χ^2 /NDF: 1127863.9/24

290.317 $\pm$ 0.043 χ^2 /NDF: 2012618.4/42

290.779 $\pm$ 0.043 χ^2 /NDF: 2254027.2/46

asym_sam5_correction_mean vs slug



Right In: -268.819 ± 205.614 $\chi^2/\text{NDF}: 11.9/17$

Left Out: -844.557 ± 166.887 $\chi^2/\text{NDF}: 37.9/24$

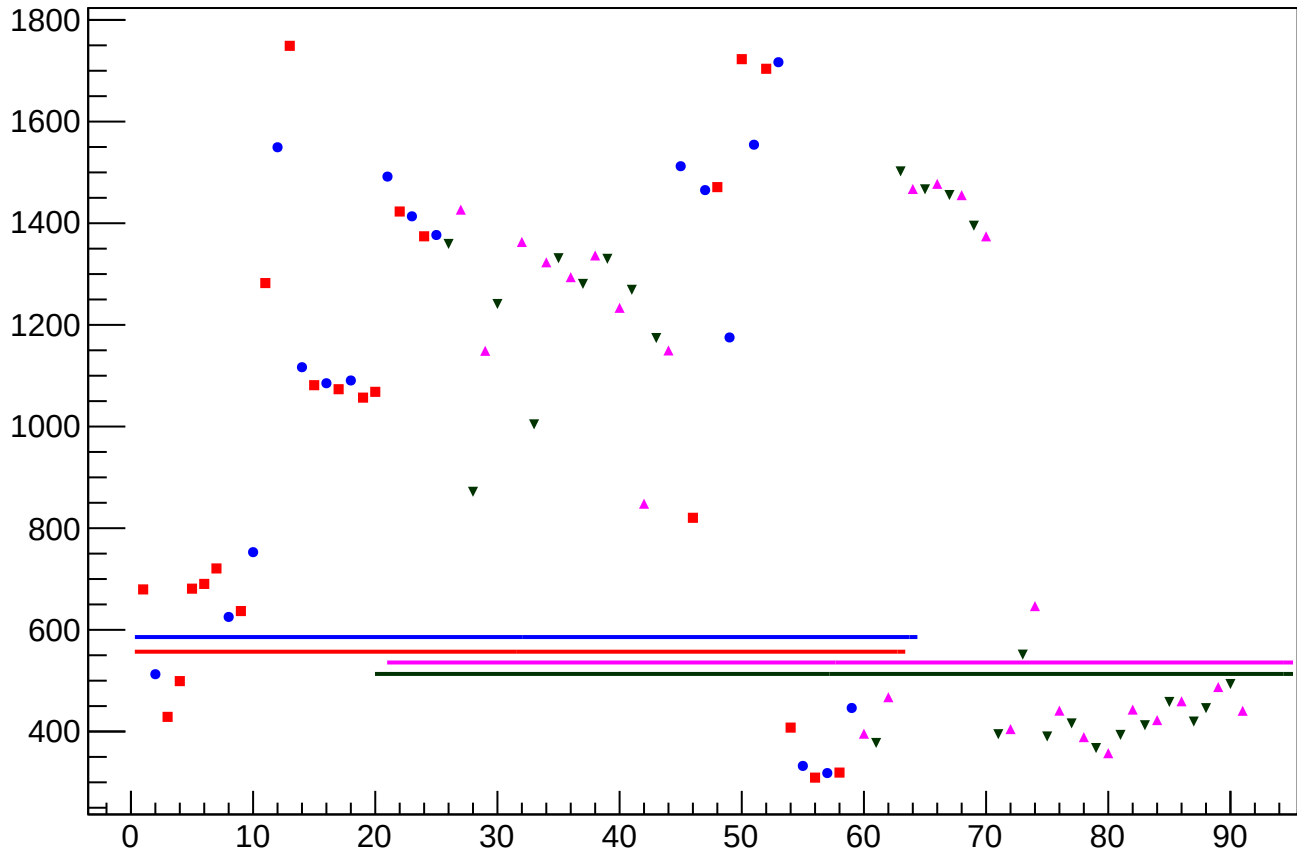
Right Out: -329.827 ± 204.549 $\chi^2/\text{NDF}: 30.1/21$

Left In: 199.194 ± 167.236 $\chi^2/\text{NDF}: 45.9/24$

-615.905 ± 129.577 $\chi^2/\text{NDF}: 54.5/42$

-12.751 ± 129.471 $\chi^2/\text{NDF}: 80.0/46$

asym_sam5_correction_rms vs slug



Right In: 585.833+/-0.145 χ^2/NDF : 5734381.6/17

Left Out: 513.262+/-0.118 χ^2/NDF : 5415740.7/24

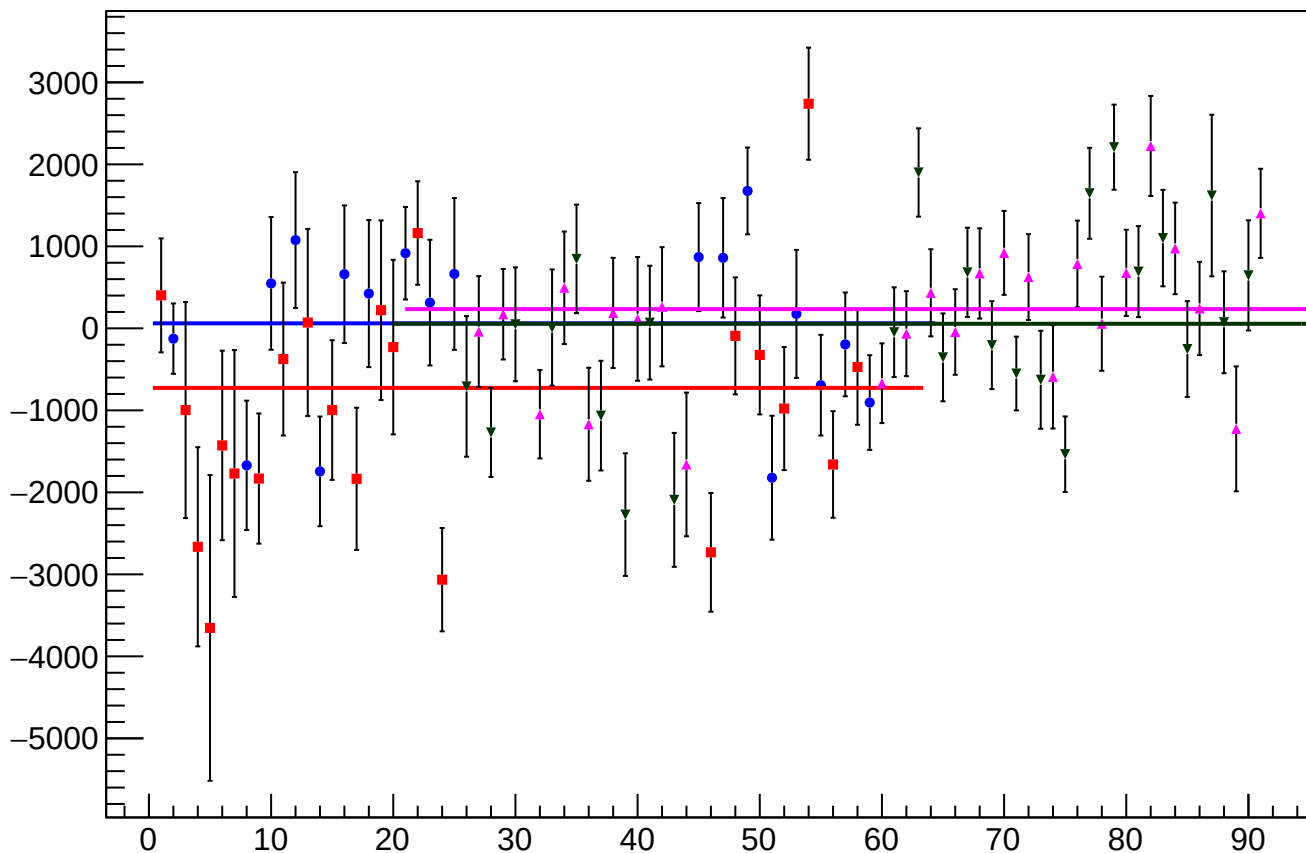
Right Out: 557.007+/-0.145 χ^2/NDF : 5231824.4/21

Left In: 535.767+/-0.118 χ^2/NDF : 6118113.8/24

542.083+/-0.092 χ^2/NDF : 11300317.7/42

544.277+/-0.092 χ^2/NDF : 11362862.8/46

reg_asym_sam6_mean vs slug



Right In: 61.228 $\pm$ 157.659 χ^2 /NDF: 40.4/17

Left Out: 55.827 $\pm$ 119.400 χ^2 /NDF: 90.0/24

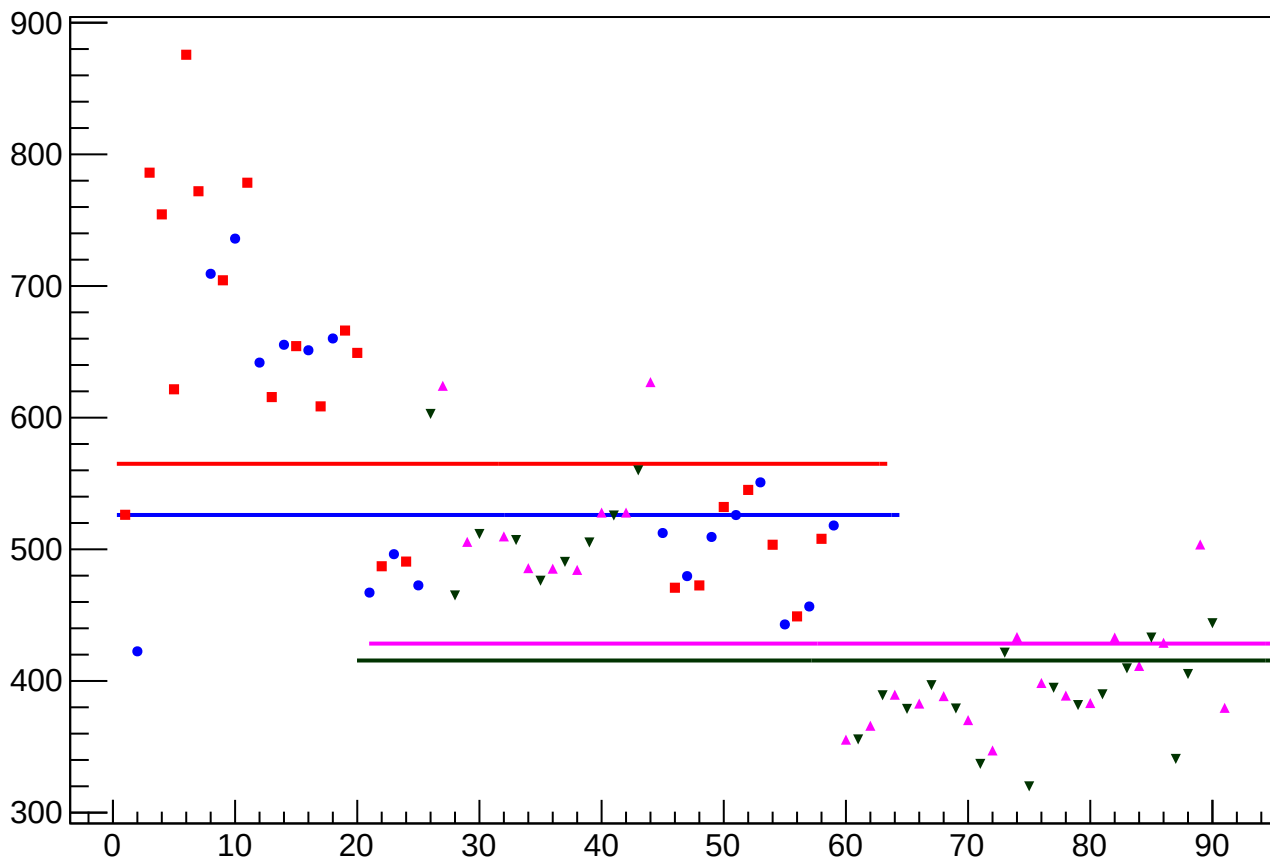
Right Out: -725.933 $\pm$ 177.235 χ^2 /NDF: 73.3/21

Left In: 234.827 $\pm$ 116.960 χ^2 /NDF: 46.3/24

57.795 $\pm$ 95.184 χ^2 /NDF: 130.4/42

-56.642 $\pm$ 97.620 χ^2 /NDF: 140.1/46

reg_asym_sam6_rms vs slug



Right In: 526.088 ± 0.111 $\chi^2/\text{NDF}: 667573.7/17$

Left Out: 415.548 ± 0.084 $\chi^2/\text{NDF}: 597464.6/24$

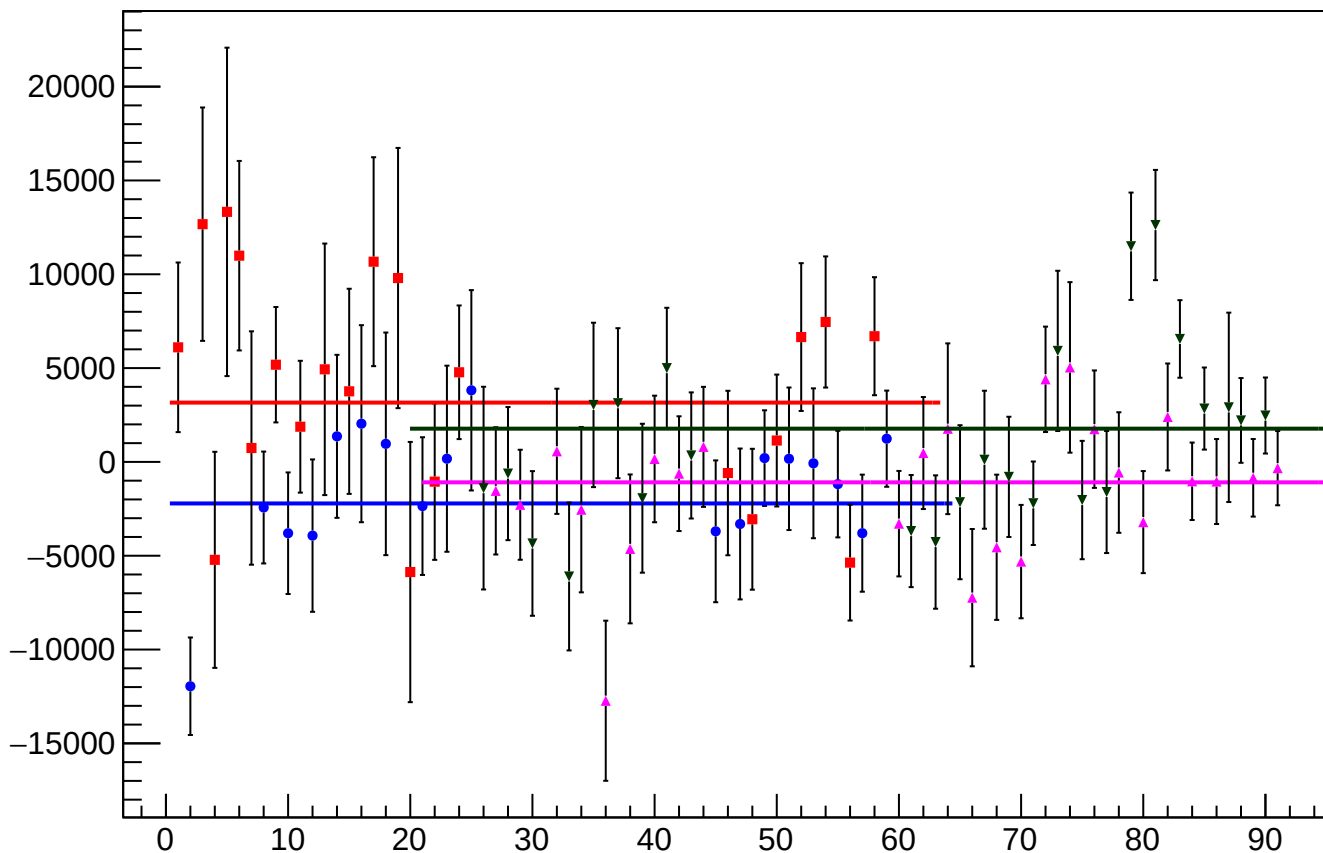
Right Out: 564.956 ± 0.125 $\chi^2/\text{NDF}: 746638.9/21$

Left In: 428.392 ± 0.083 $\chi^2/\text{NDF}: 721801.0/24$

455.840 ± 0.067 $\chi^2/\text{NDF}: 1889852.0/42$

469.822 ± 0.069 $\chi^2/\text{NDF}: 2295625.4/46$

asym_sam6_correction_mean vs slug



Right In: -2213.445 $\pm$ 821.686 χ^2 /NDF: 21.6/17

Left Out: 1772.003 $\pm$ 615.103 χ^2 /NDF: 55.2/24

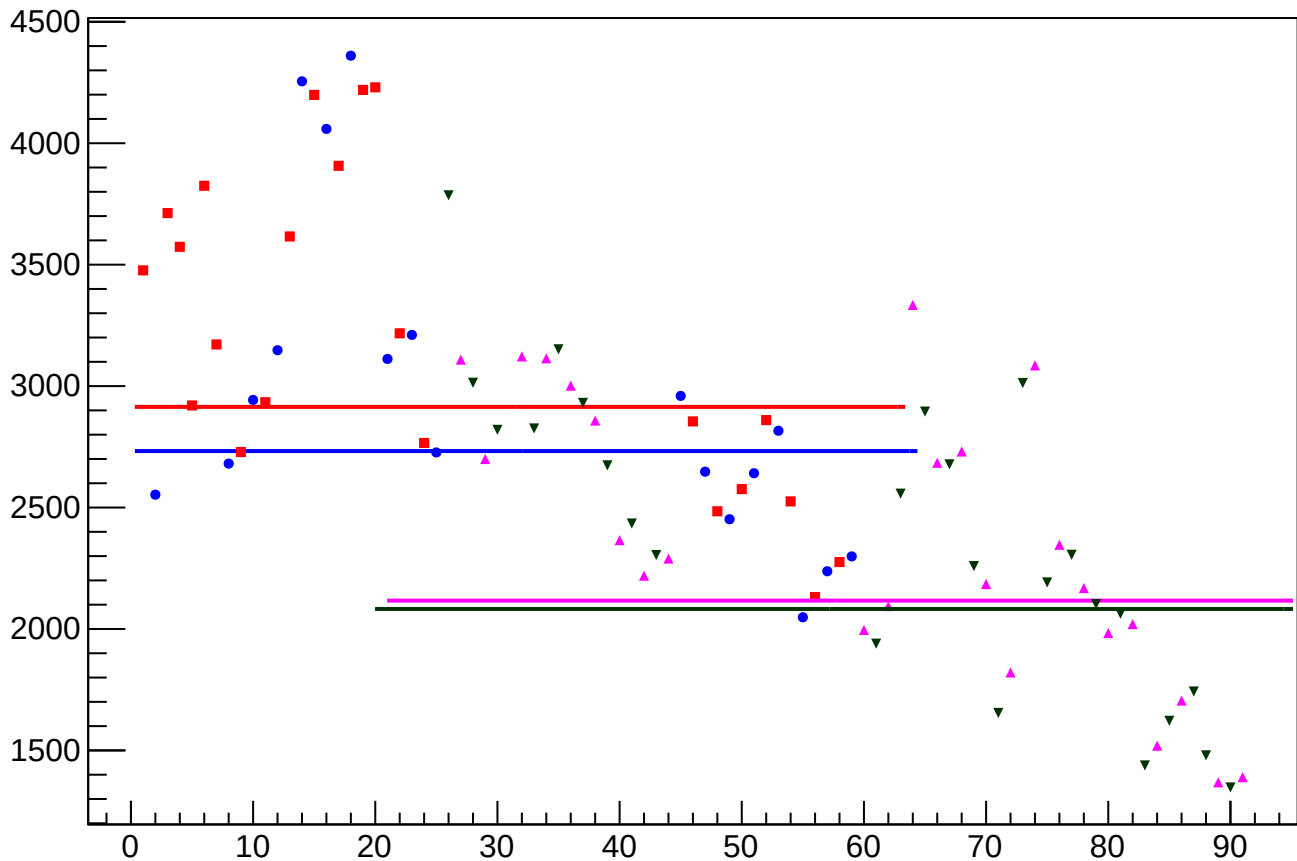
Right Out: 3161.319 $\pm$ 915.820 χ^2 /NDF: 30.1/21

Left In: -1088.198 $\pm$ 592.811 χ^2 /NDF: 24.9/24

340.705 $\pm$ 492.416 χ^2 /NDF: 91.9/42

166.588 $\pm$ 497.651 χ^2 /NDF: 70.2/46

asym_sam6_correction_rms vs slug



Right In: 2732.496 $\pm$ 0.581 χ^2 /NDF: 861515.7/17

Left Out: 2082.448 $\pm$ 0.435 χ^2 /NDF: 1823338.8/24

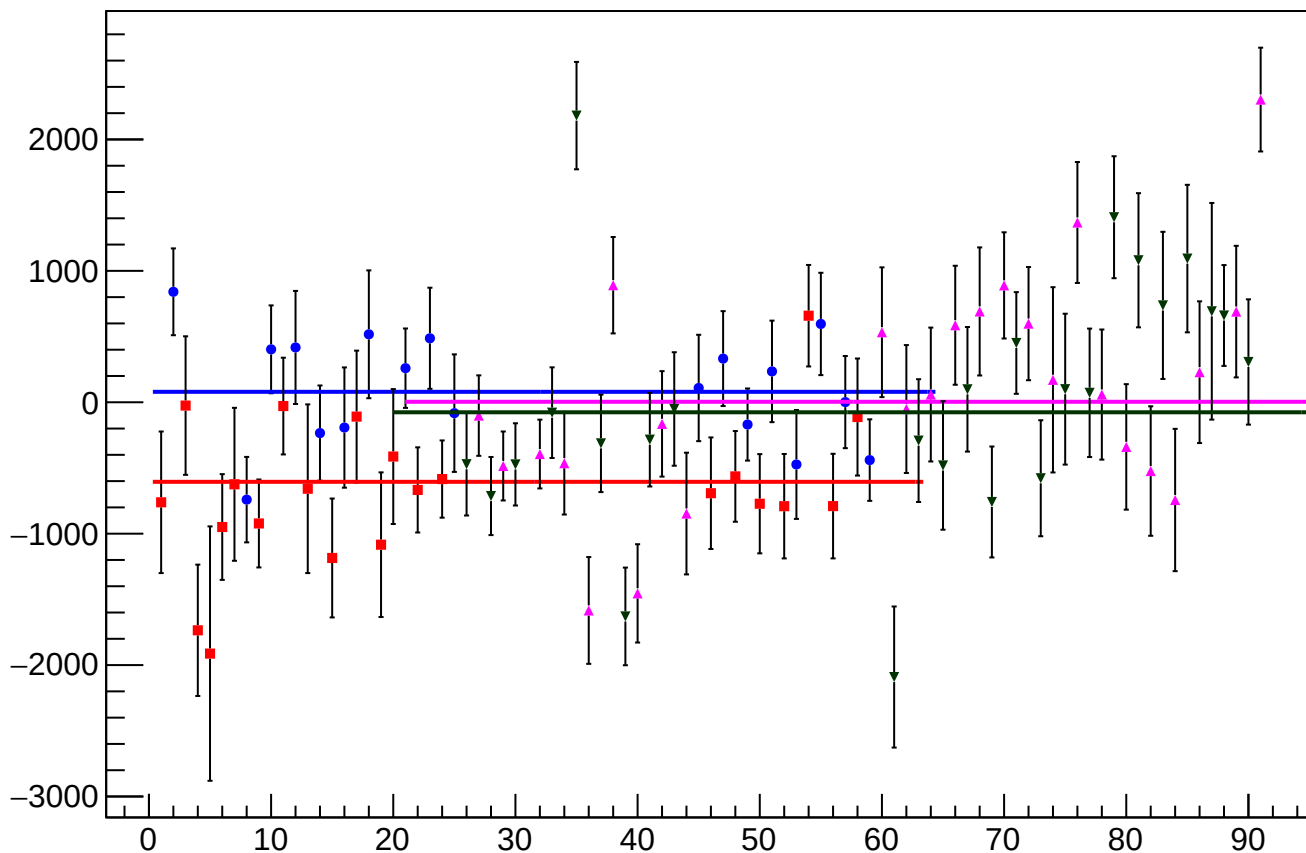
Right Out: 2914.479 $\pm$ 0.648 χ^2 /NDF: 800237.4/21

Left In: 2116.836 $\pm$ 0.419 χ^2 /NDF: 1852743.8/24

2315.900 $\pm$ 0.348 χ^2 /NDF: 3487047.3/42

2352.358 $\pm$ 0.352 χ^2 /NDF: 3722156.3/46

reg_asym_sam7_mean vs slug



Right In: 79.514 $\pm$ 85.428 χ^2 /NDF: 24.6/17

Left Out: -76.213 $\pm$ 84.795 χ^2 /NDF:104.1/24

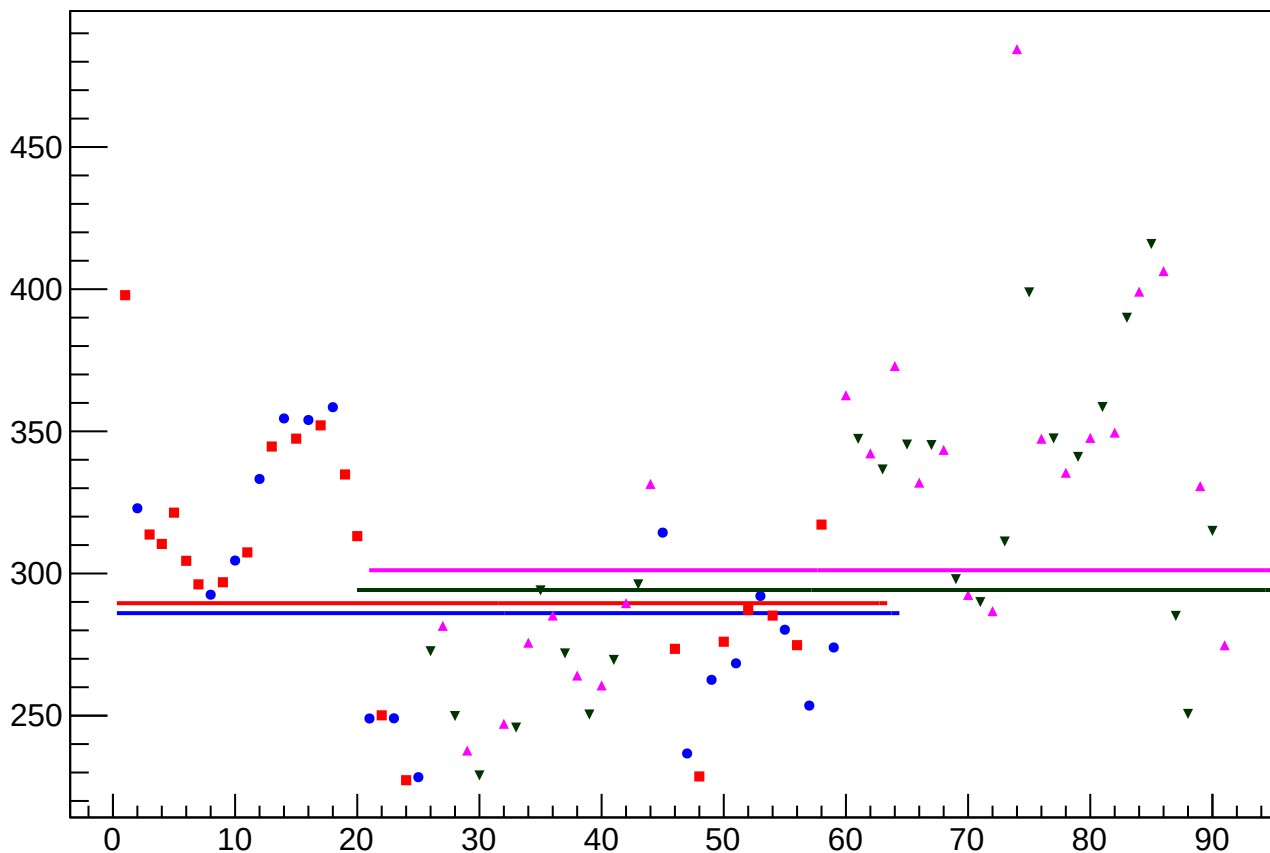
Right Out: -605.312 $\pm$ 90.390 χ^2 /NDF: 28.5/21

Left In: 3.680 $\pm$ 82.416 χ^2 /NDF:107.1/24

1.071 $\pm$ 60.182 χ^2 /NDF: 130.4/42

-272.774 $\pm$ 60.901 χ^2 /NDF: 160.4/46

reg_asym_sam7_rms vs slug



Right In: 286.054+/-0.060 χ^2/NDF : 384781.8/17

Left Out: 294.189+/-0.060 χ^2/NDF : 630684.0/24

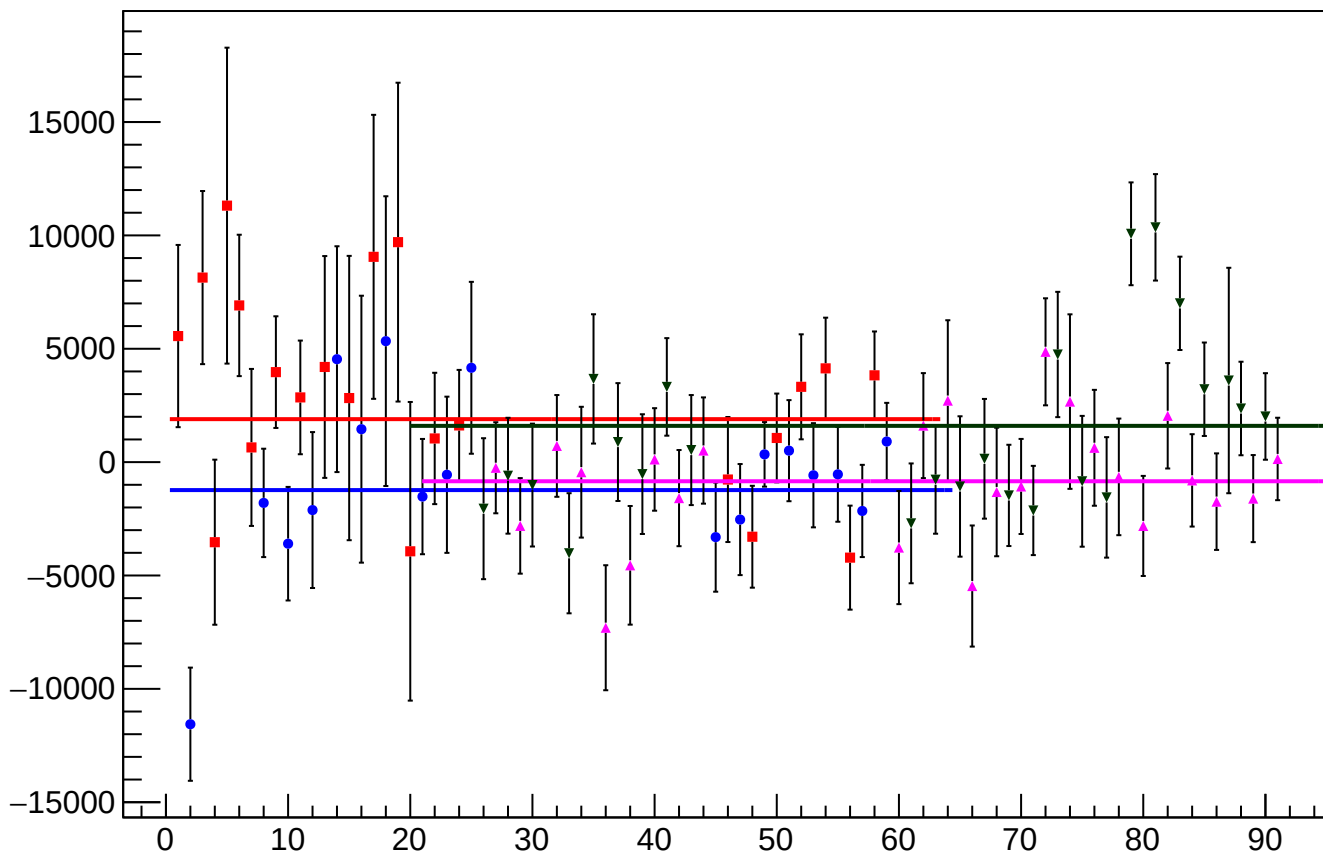
Right Out: 289.558+/-0.064 χ^2/NDF : 393659.4/21

Left In: 301.145+/-0.058 χ^2/NDF : 749449.2/24

290.152+/-0.043 χ^2/NDF : 1024602.7/42

295.885+/-0.043 χ^2/NDF : 1161054.3/46

asym_sam7_correction_mean vs slug



Right In: -1233.276 ± 575.539 χ^2/NDF : 27.6/17

Left Out: 1599.777 ± 490.780 χ^2/NDF : 59.0/24

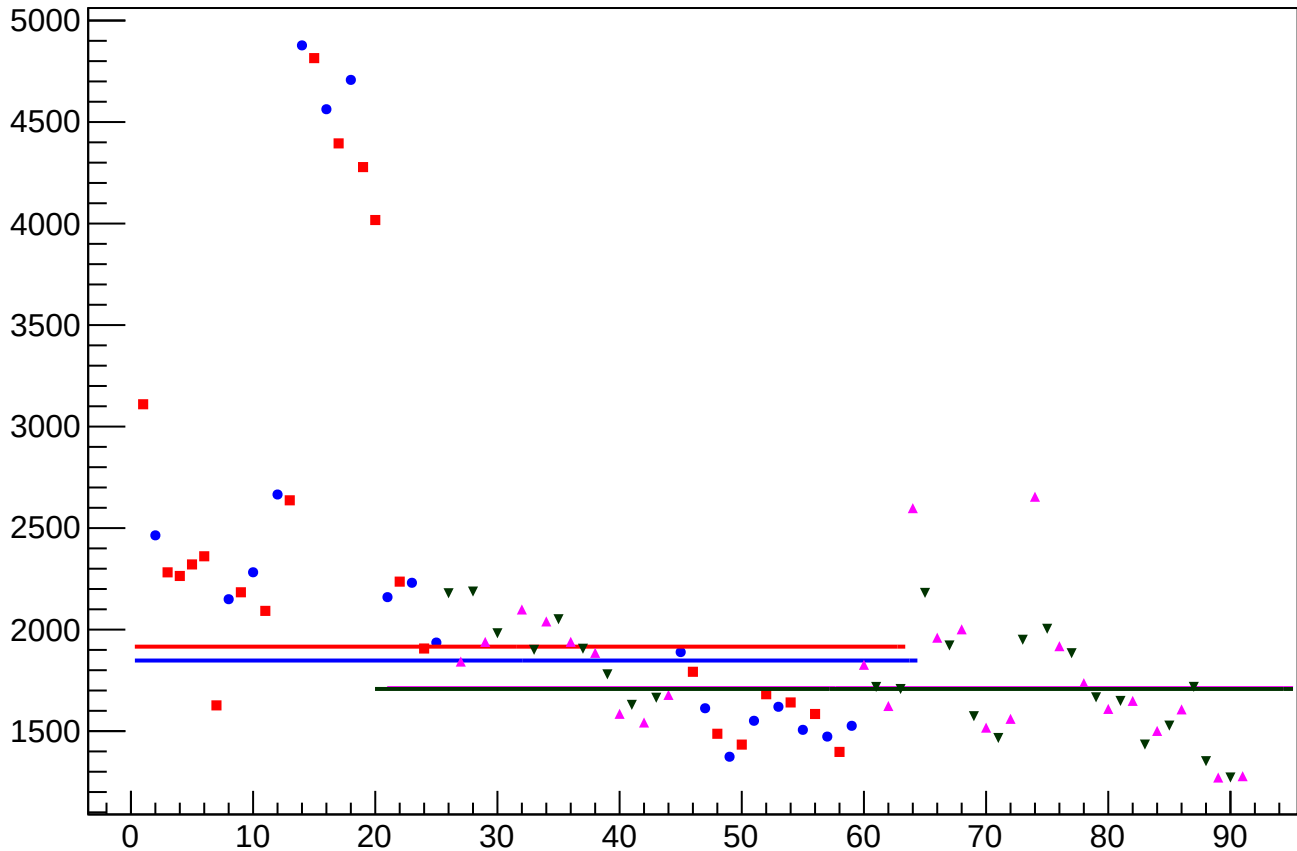
Right Out: 1895.525 ± 621.004 χ^2/NDF : 30.7/21

Left In: -843.774 ± 468.005 χ^2/NDF : 26.1/24

407.029 ± 373.441 χ^2/NDF : 100.6/42

148.470 ± 373.753 χ^2/NDF : 69.2/46

asym_sam7_correction_rms vs slug



Right In: 1847.698 $\pm$ 0.407 χ^2 /NDF: 2437532.3/17

Left Out: 1707.740 $\pm$ 0.347 χ^2 /NDF: 552019.2/24

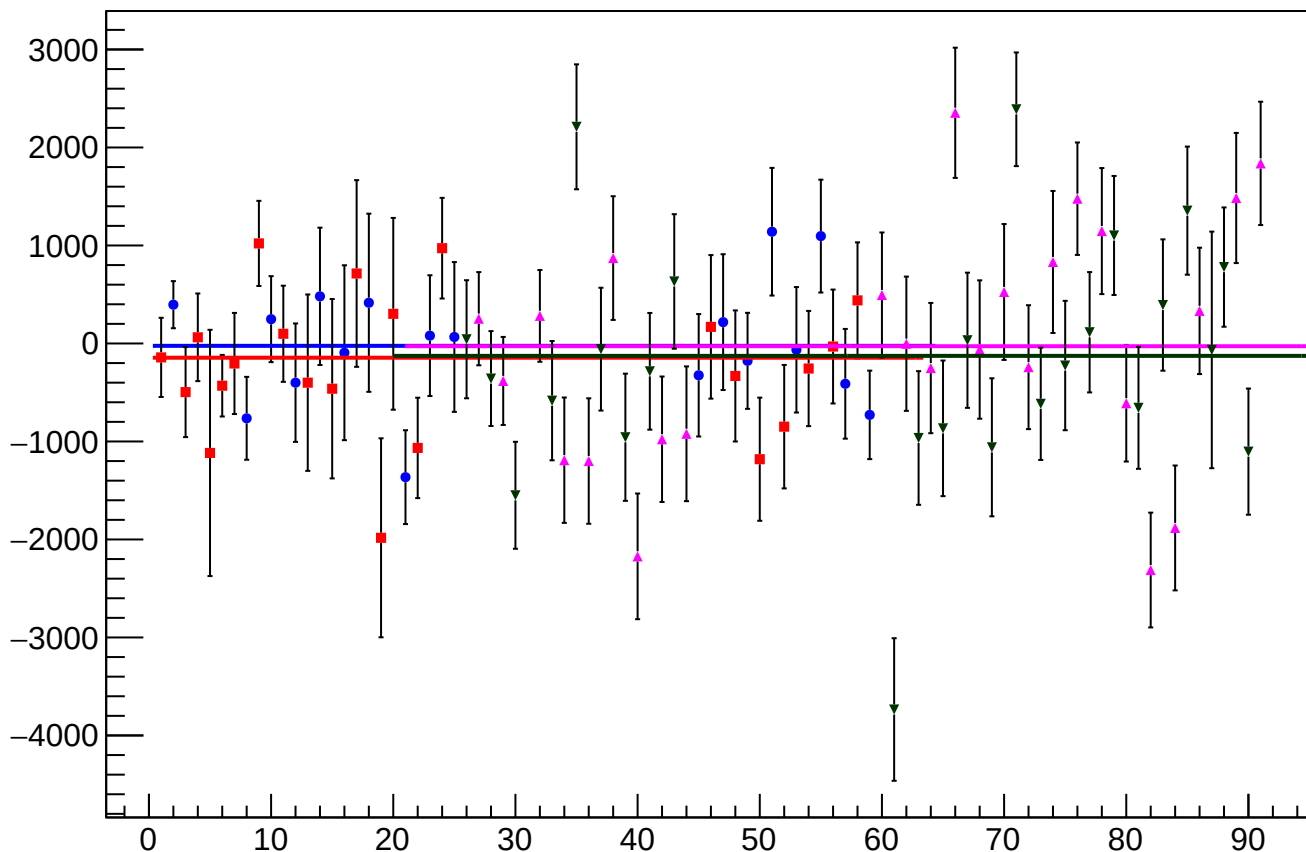
1766.664 $\pm$ 0.264 χ^2 /NDF: 3058028.7/42

Right Out: 1916.083 $\pm$ 0.439 χ^2 /NDF: 1980674.2/21

1785.924 $\pm$ 0.264 χ^2 /NDF: 2857748.9/46

Left In: 1712.000 $\pm$ 0.331 χ^2 /NDF: 739314.6/24

reg_asym_sam8_mean vs slug



Right In: -24.162 ± 120.593 $\chi^2/\text{NDF}: 25.9/17$

Left Out: -126.509 ± 126.718 $\chi^2/\text{NDF}: 87.9/24$

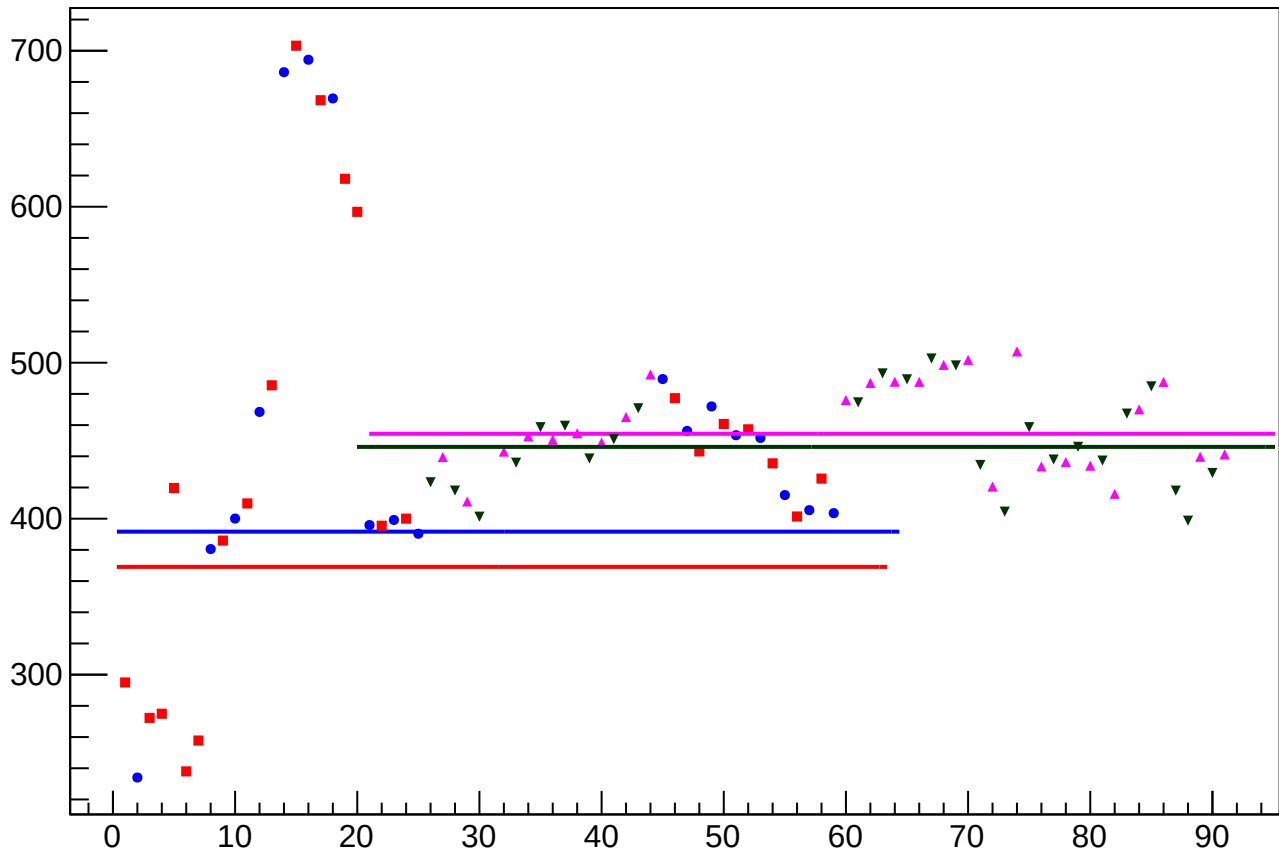
Right Out: -145.423 ± 118.809 $\chi^2/\text{NDF}: 27.4/21$

Left In: -28.101 ± 122.367 $\chi^2/\text{NDF}: 90.1/24$

-72.802 ± 87.357 $\chi^2/\text{NDF}: 114.1/42$

-88.492 ± 85.240 $\chi^2/\text{NDF}: 118.0/46$

reg_asym_sam8_rms vs slug



Right In: 391.692 ± 0.085 χ^2/NDF : 1826781.5/17

Left Out: 446.033 ± 0.090 χ^2/NDF : 109596.3/24

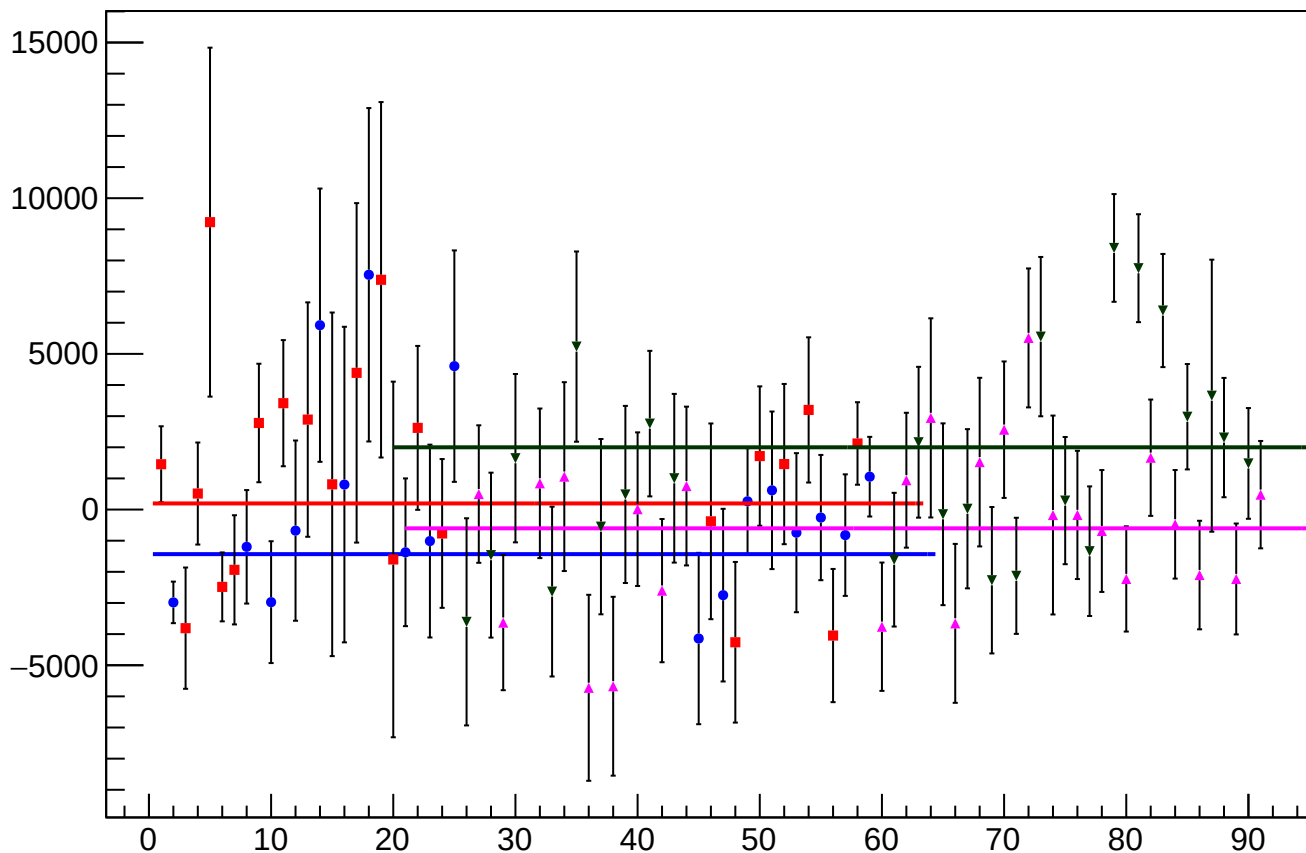
Right Out: 369.105 ± 0.084 χ^2/NDF : 1644066.4/21

Left In: 454.429 ± 0.087 χ^2/NDF : 102772.7/24

417.517 ± 0.062 χ^2/NDF : 2129376.1/42

410.509 ± 0.060 χ^2/NDF : 2247382.1/46

asym_sam8_correction_mean vs slug



Right In: -1431.801 ± 428.621 χ^2/NDF : 21.7/17

Left Out: 1999.444 ± 452.222 χ^2/NDF : 58.4/24

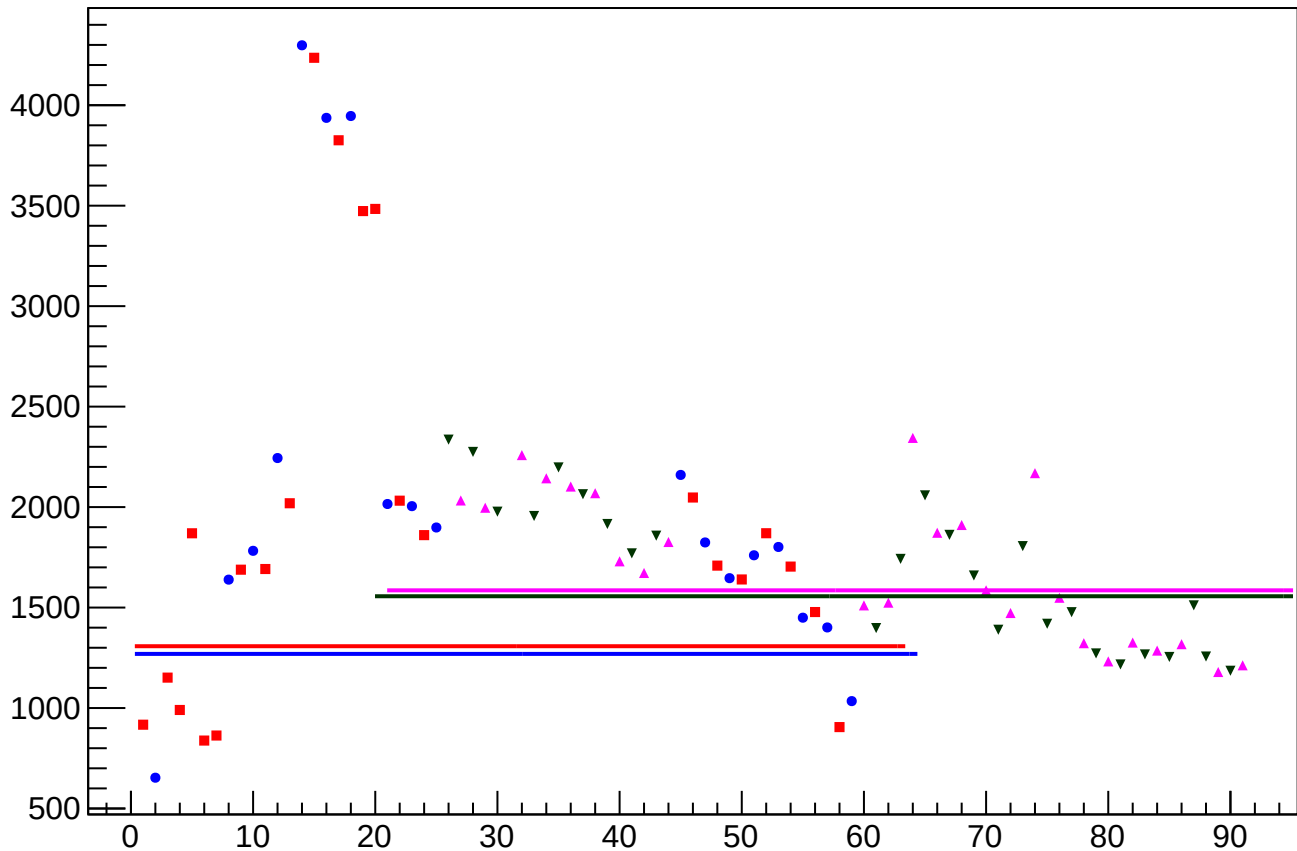
Right Out: 196.497 ± 443.106 χ^2/NDF : 34.9/21

Left In: -602.948 ± 437.422 χ^2/NDF : 30.2/24

191.952 ± 311.090 χ^2/NDF : 110.5/42

-208.385 ± 311.294 χ^2/NDF : 66.7/46

asym_sam8_correction_rms vs slug



Right In: 1269.386 $\pm$ 0.303 χ^2 /NDF: 5167845.8/17

Left Out: 1556.288 $\pm$ 0.320 χ^2 /NDF:1117361.7/24

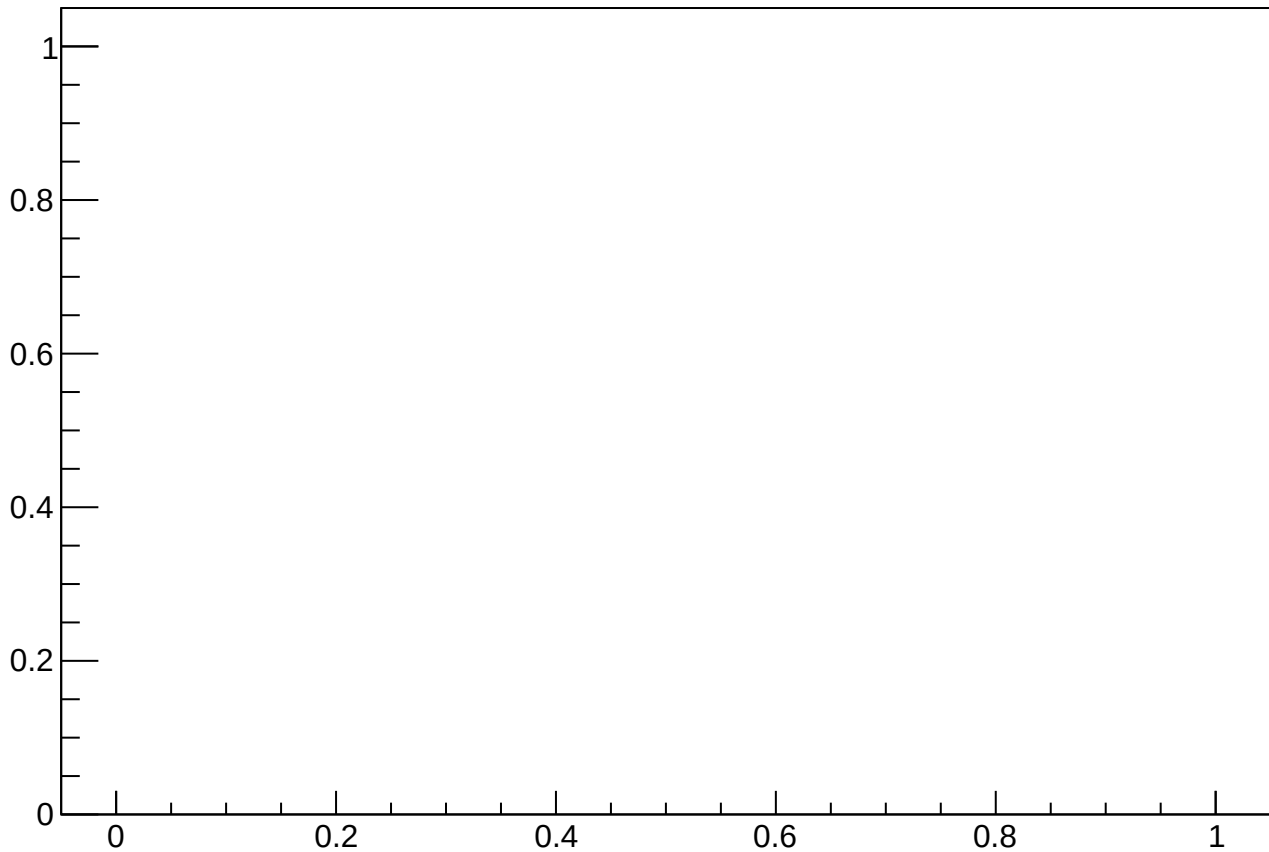
Right Out: 1307.617 $\pm$ 0.313 χ^2 /NDF: 3405198.3/21

Left In: 1585.751 $\pm$ 0.309 χ^2 /NDF:1232183.0/24

1405.155 $\pm$ 0.220 χ^2 /NDF: 6709260.0/42

1448.479 $\pm$ 0.220 χ^2 /NDF: 5036466.7/46

bcm_an_us_ds3_avg_mean vs slug



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

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

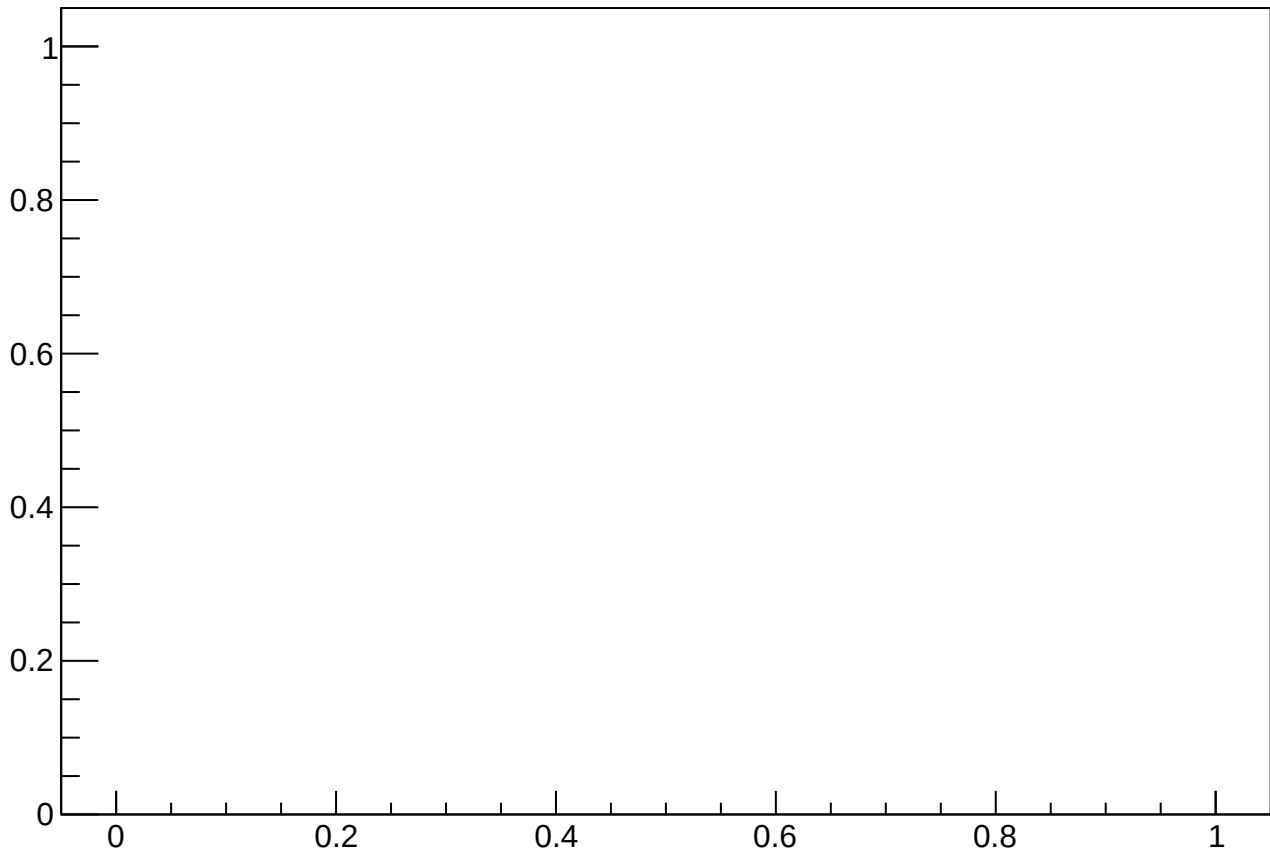
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_avg_rms vs slug



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

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

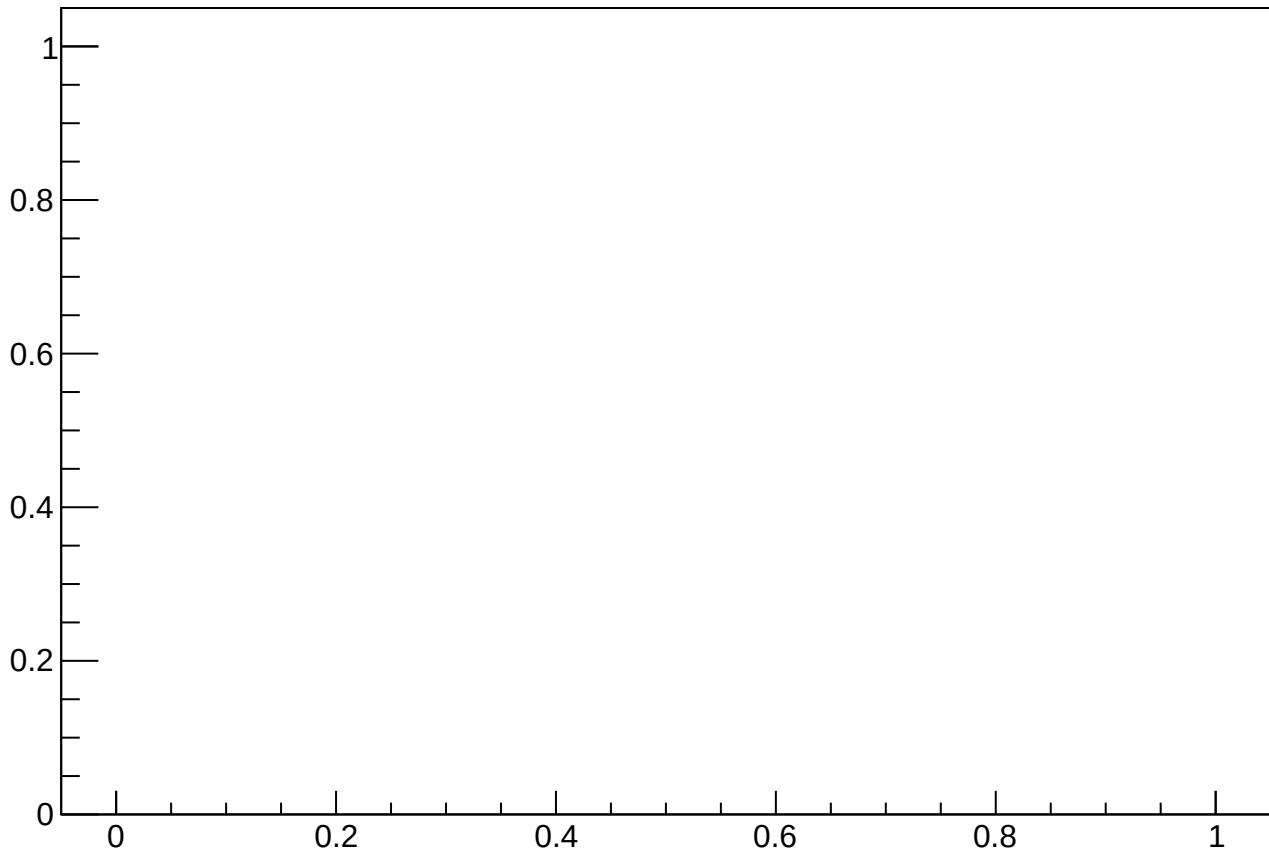
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

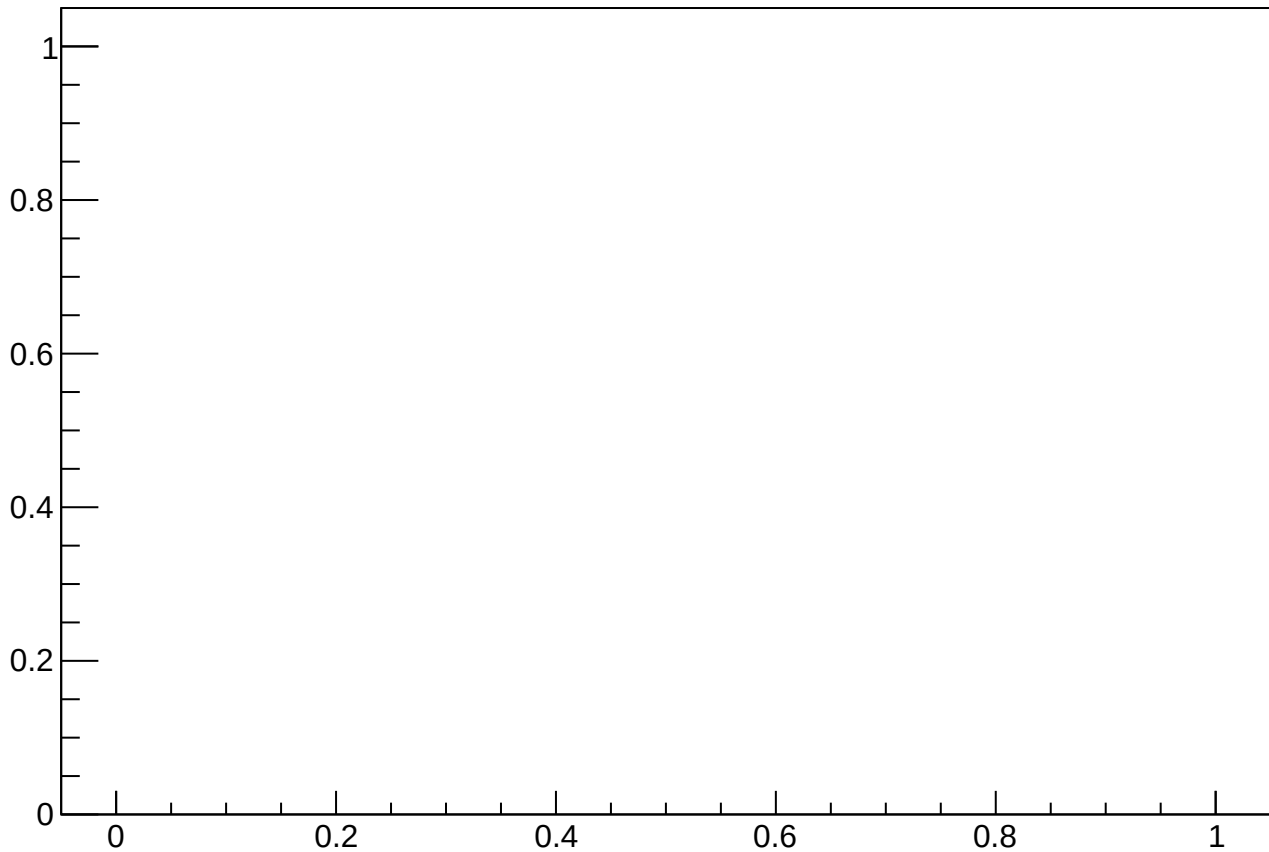
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_an_ds_ds3_avg_rms vs slug



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

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

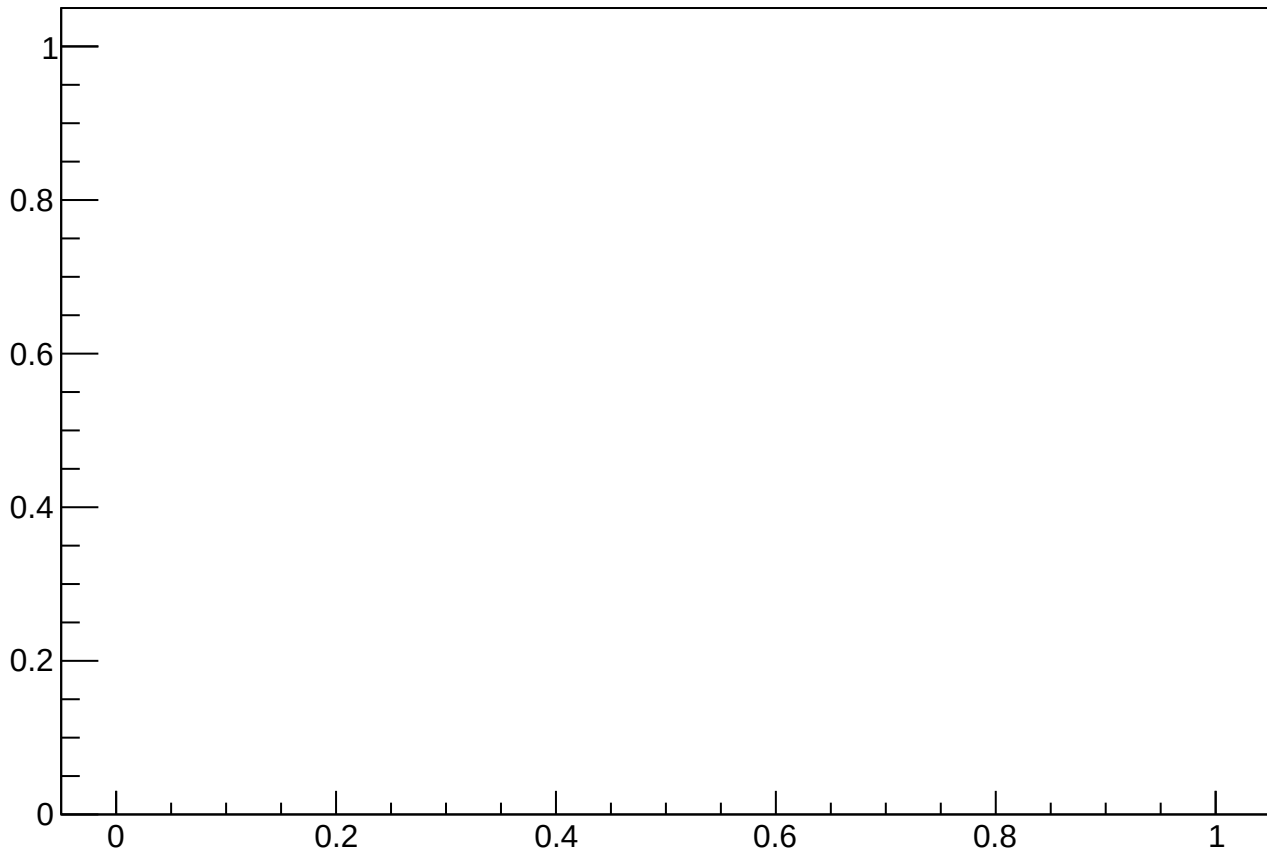
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

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

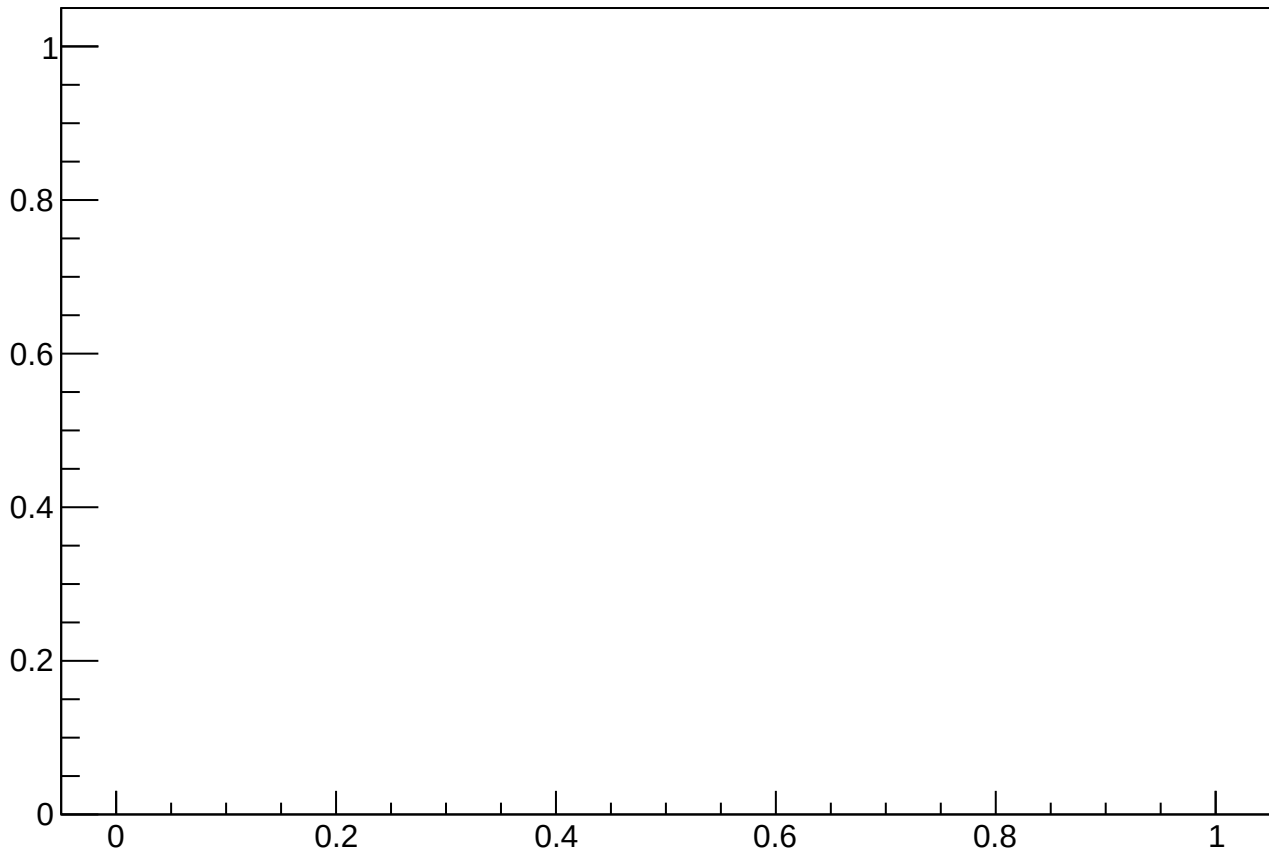
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_rms vs slug



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

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

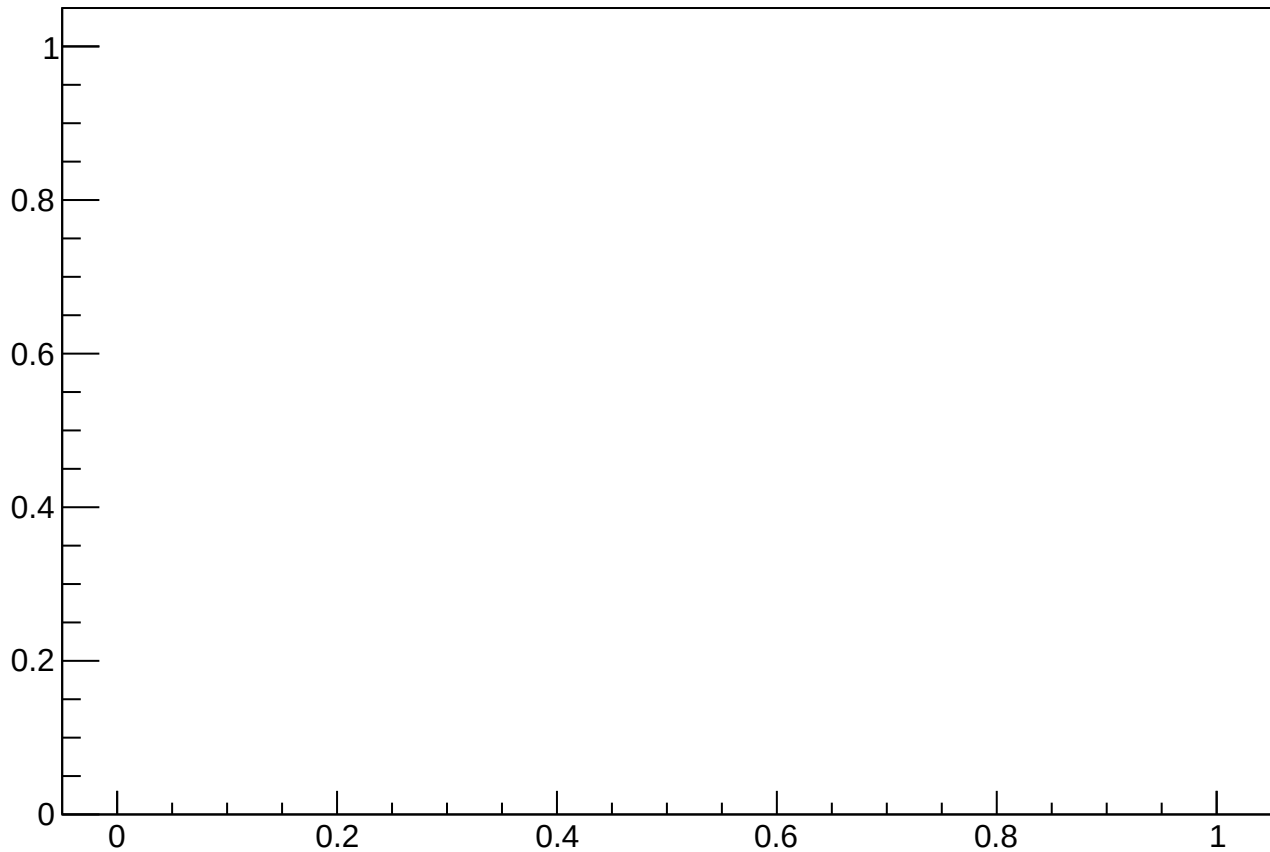
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



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

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

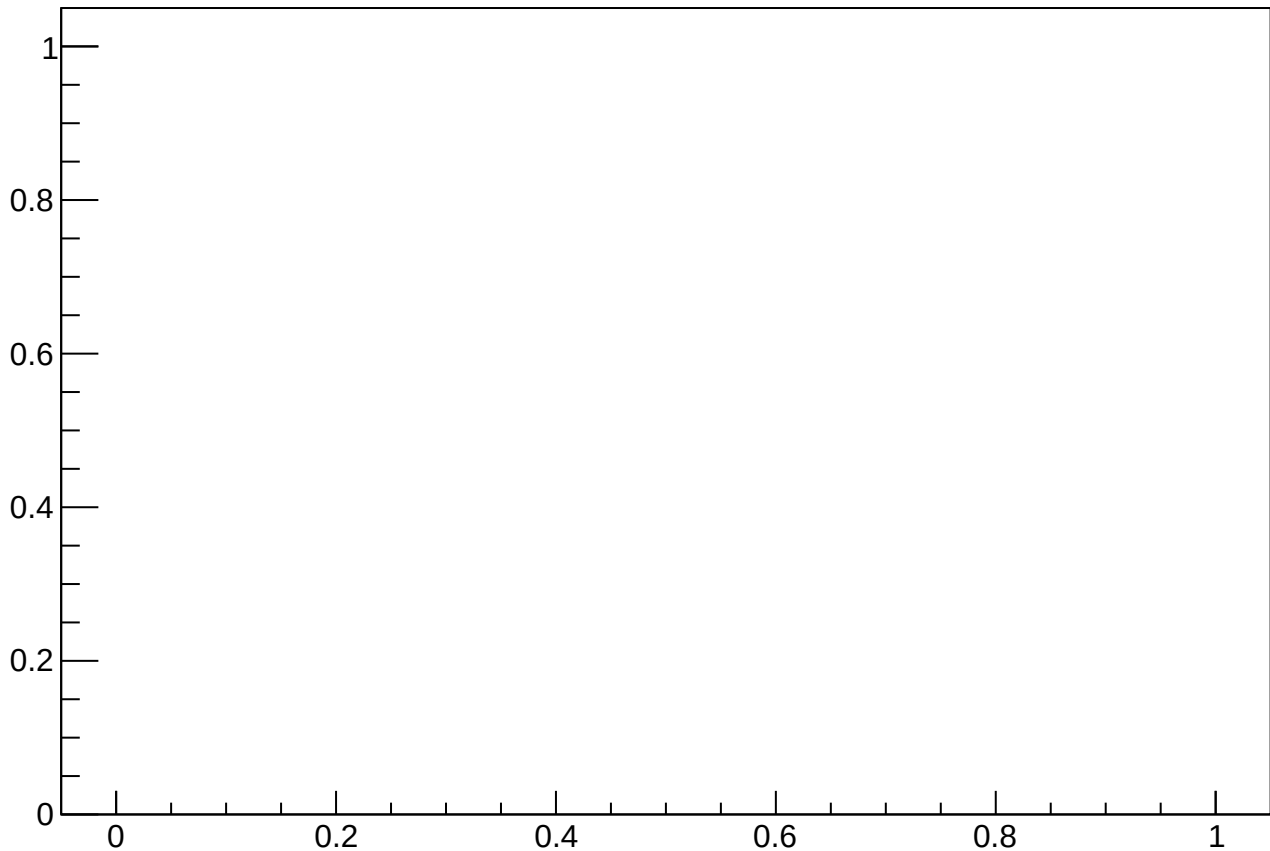
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_rms vs slug



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

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

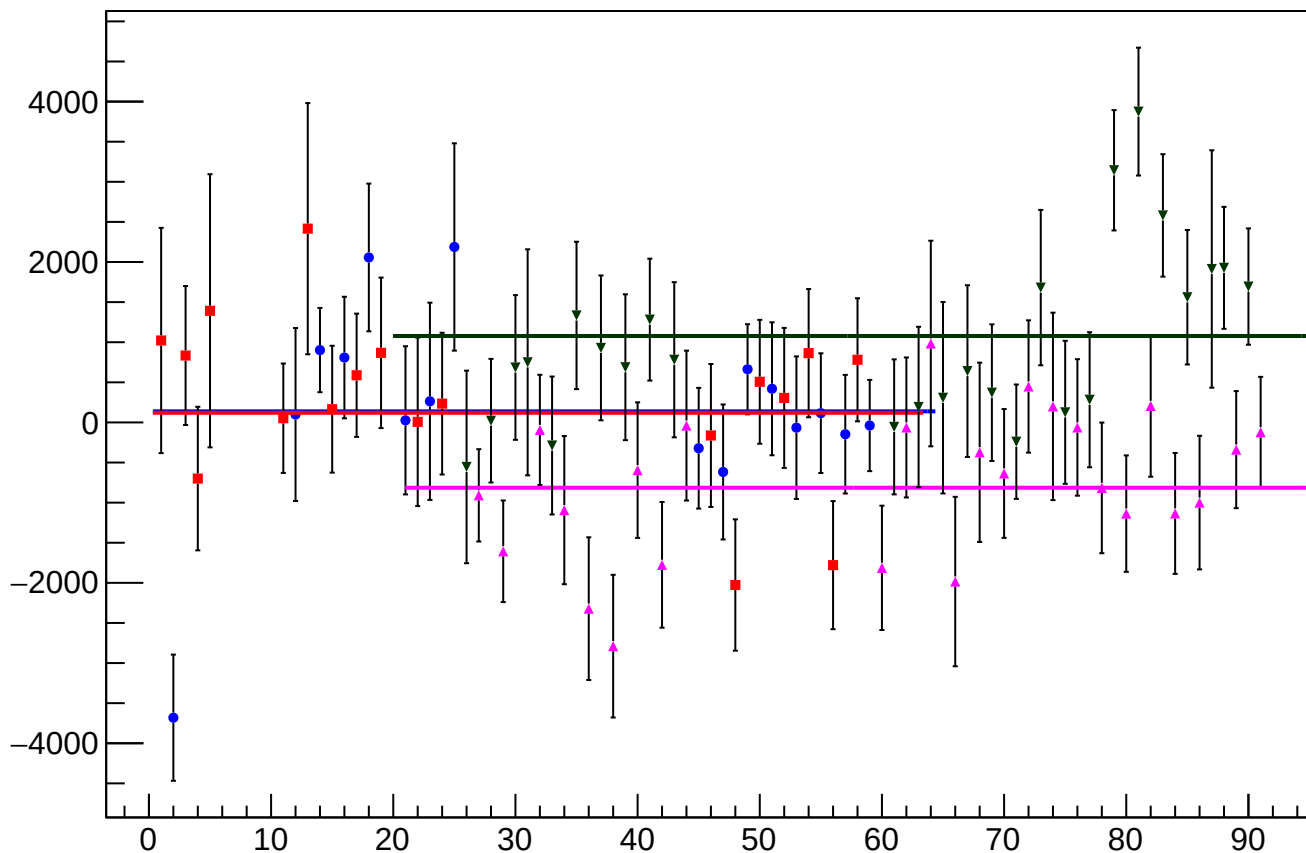
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: 138.245 ± 191.615 χ^2/NDF : 35.8/15

Left Out: 1077.701 ± 172.695 χ^2/NDF : 43.1/25

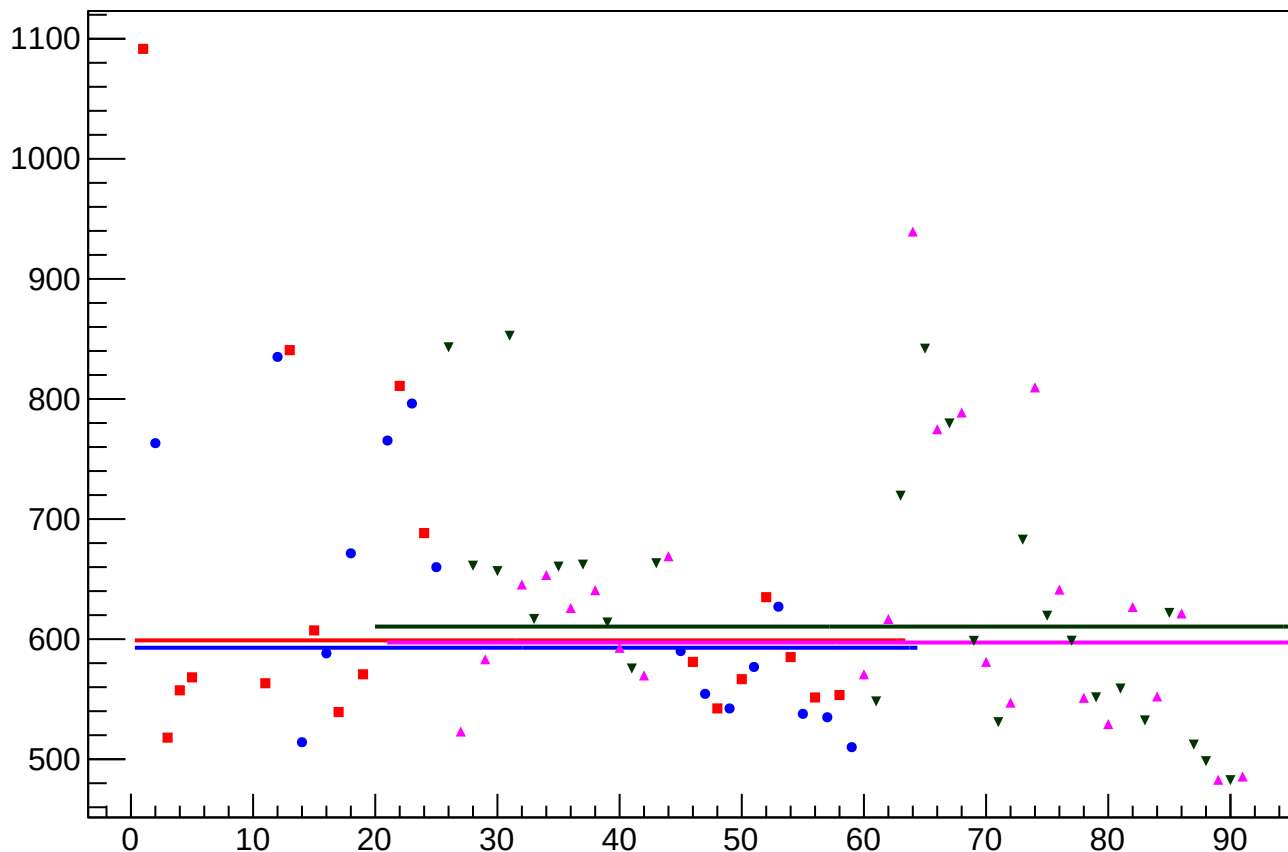
Right Out: 120.497 ± 207.716 χ^2/NDF : 20.2/17

Left In: -814.083 ± 162.677 χ^2/NDF : 25.7/24

656.633 ± 128.283 χ^2/NDF : 92.1/41

-458.780 ± 128.074 χ^2/NDF : 58.5/42

asym_left_avg_rms vs slug



Right In: 592.845+/-0.135 χ^2/NDF : 473779.4/15

Left Out: 610.469+/-0.122 χ^2/NDF : 524479.2/25

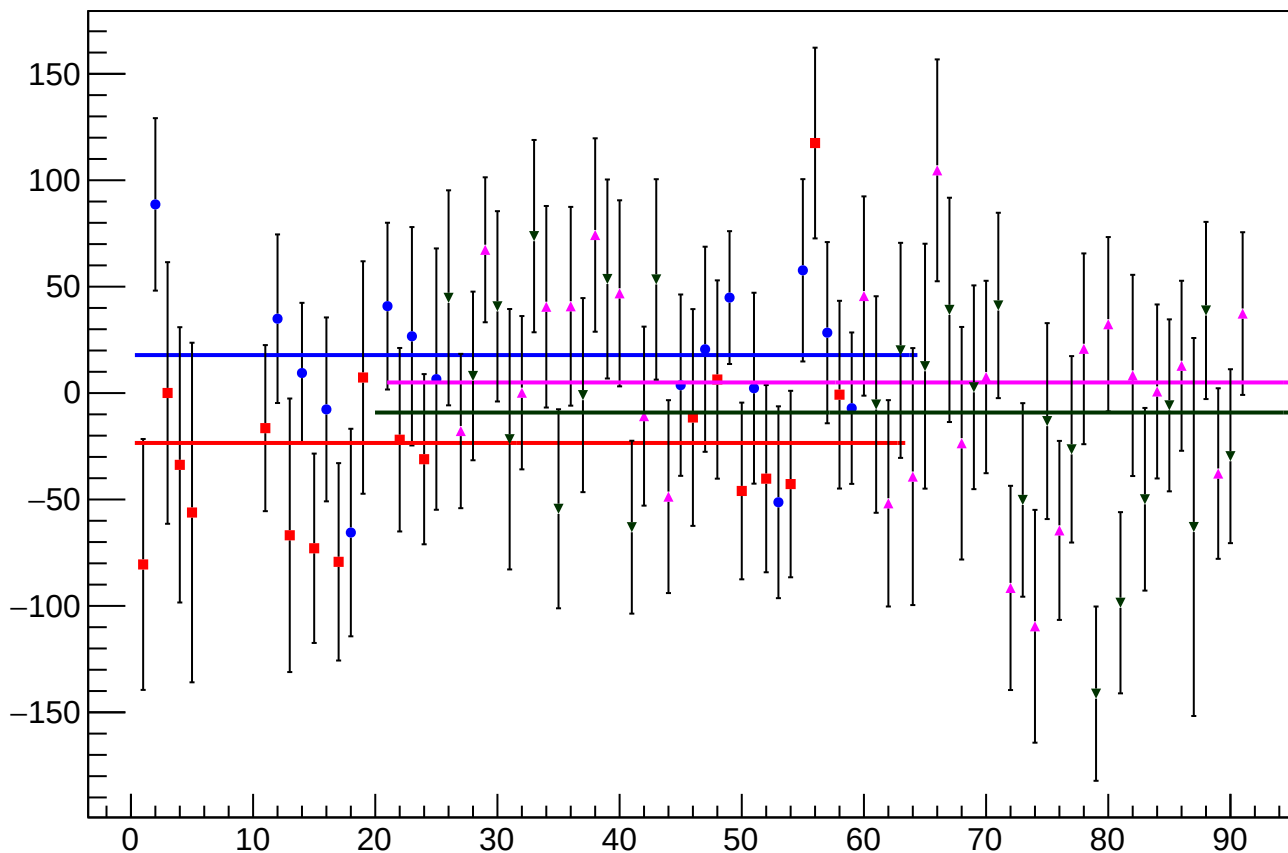
Right Out: 598.974+/-0.147 χ^2/NDF : 469739.8/17

Left In: 597.195+/-0.115 χ^2/NDF : 549878.4/24

602.570+/-0.091 χ^2/NDF : 1007594.0/41

597.871+/-0.091 χ^2/NDF : 1019709.1/42

asym_left_dd_mean vs slug



Right In: 17.858 ± 10.367 χ^2/NDF : 11.7/15

Left Out: -9.139 ± 9.044 χ^2/NDF : 33.6/25

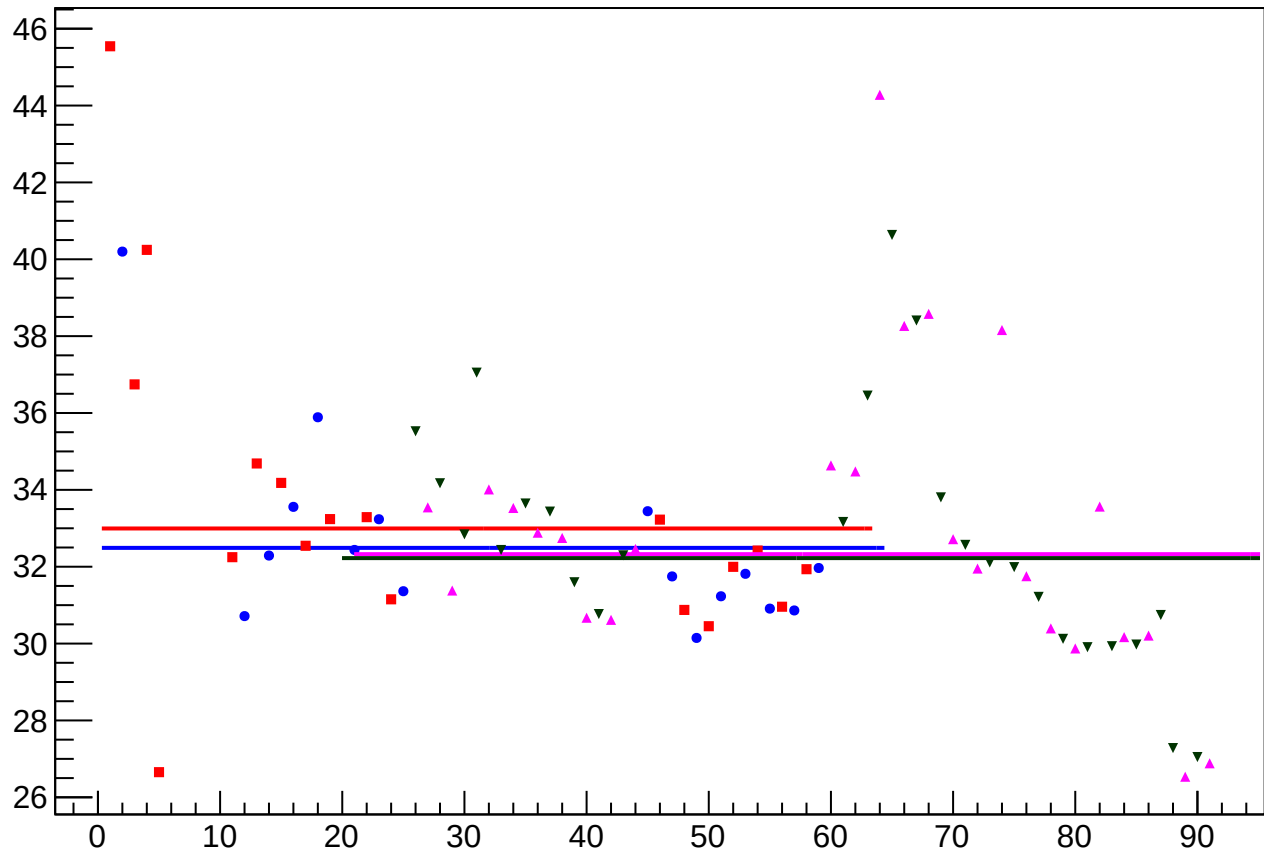
Right Out: -23.436 ± 11.328 χ^2/NDF : 16.1/17

Left In: 4.988 ± 8.732 χ^2/NDF : 29.9/24

2.527 ± 6.815 χ^2/NDF : 49.2/41

-5.606 ± 6.916 χ^2/NDF : 50.0/42

asym_left_dd_rms vs slug



Right In: 32.490 $\pm$ 0.007 χ^2 /NDF: 109398.3/15

Left Out: 32.224 $\pm$ 0.006 χ^2 /NDF: 204754.2/25

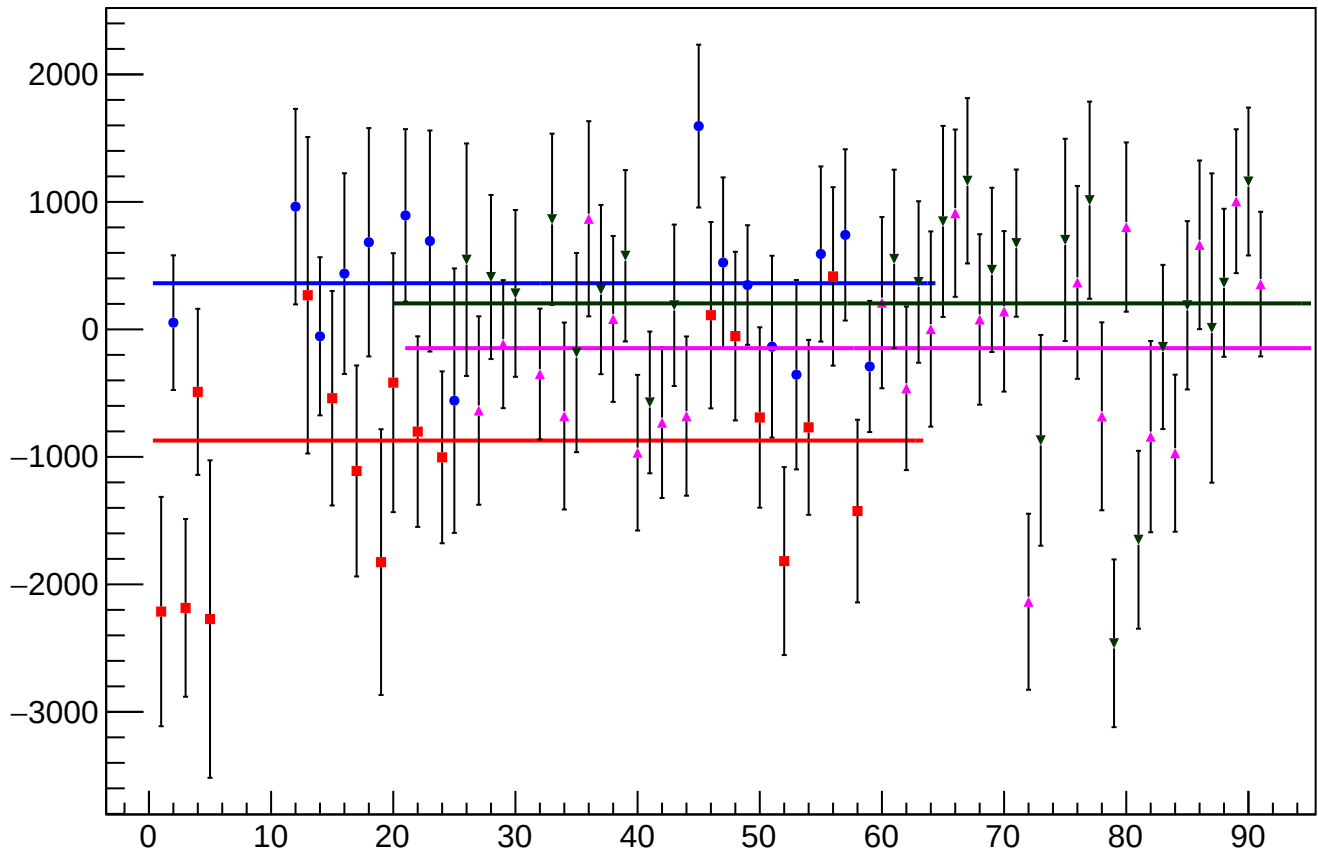
Right Out: 32.995 $\pm$ 0.008 χ^2 /NDF: 162276.8/17

Left In: 32.327 $\pm$ 0.006 χ^2 /NDF: 284635.8/24

32.339 $\pm$ 0.005 χ^2 /NDF: 314901.3/41

32.576 $\pm$ 0.005 χ^2 /NDF: 451274.2/42

asym_right_avg_mean vs slug



Right In: 362.077 ± 165.929 χ^2/NDF : 10.3/15

Left Out: 203.864 ± 135.400 χ^2/NDF : 37.6/24

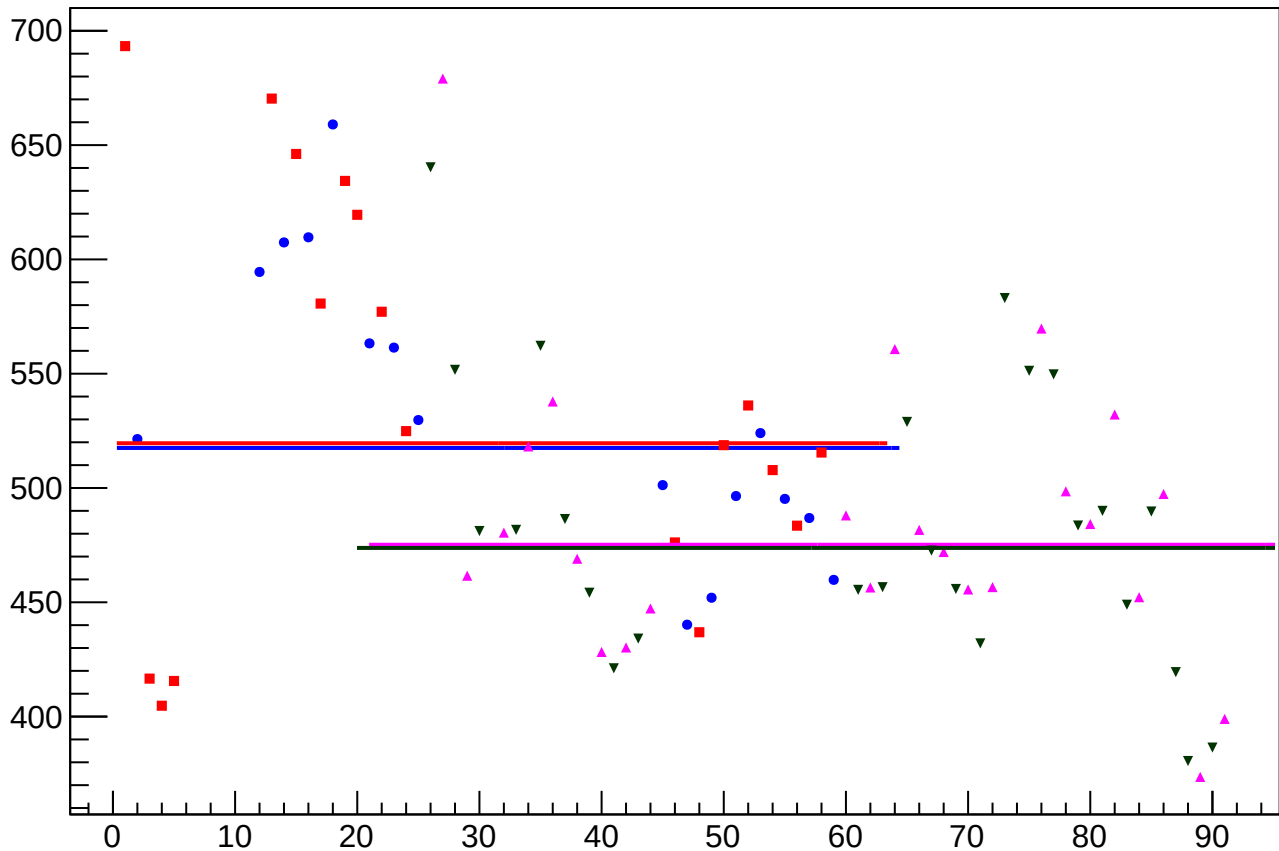
Right Out: -871.866 ± 183.155 χ^2/NDF : 18.6/17

Left In: -147.145 ± 131.331 χ^2/NDF : 30.4/23

267.104 ± 104.905 χ^2/NDF : 48.5/40

-393.235 ± 106.729 χ^2/NDF : 59.4/41

asym_right_avg_rms vs slug



Right In: 517.516+/-0.117 χ^2/NDF : 254639.1/15

Left Out: 473.784+/-0.096 χ^2/NDF : 356034.9/24

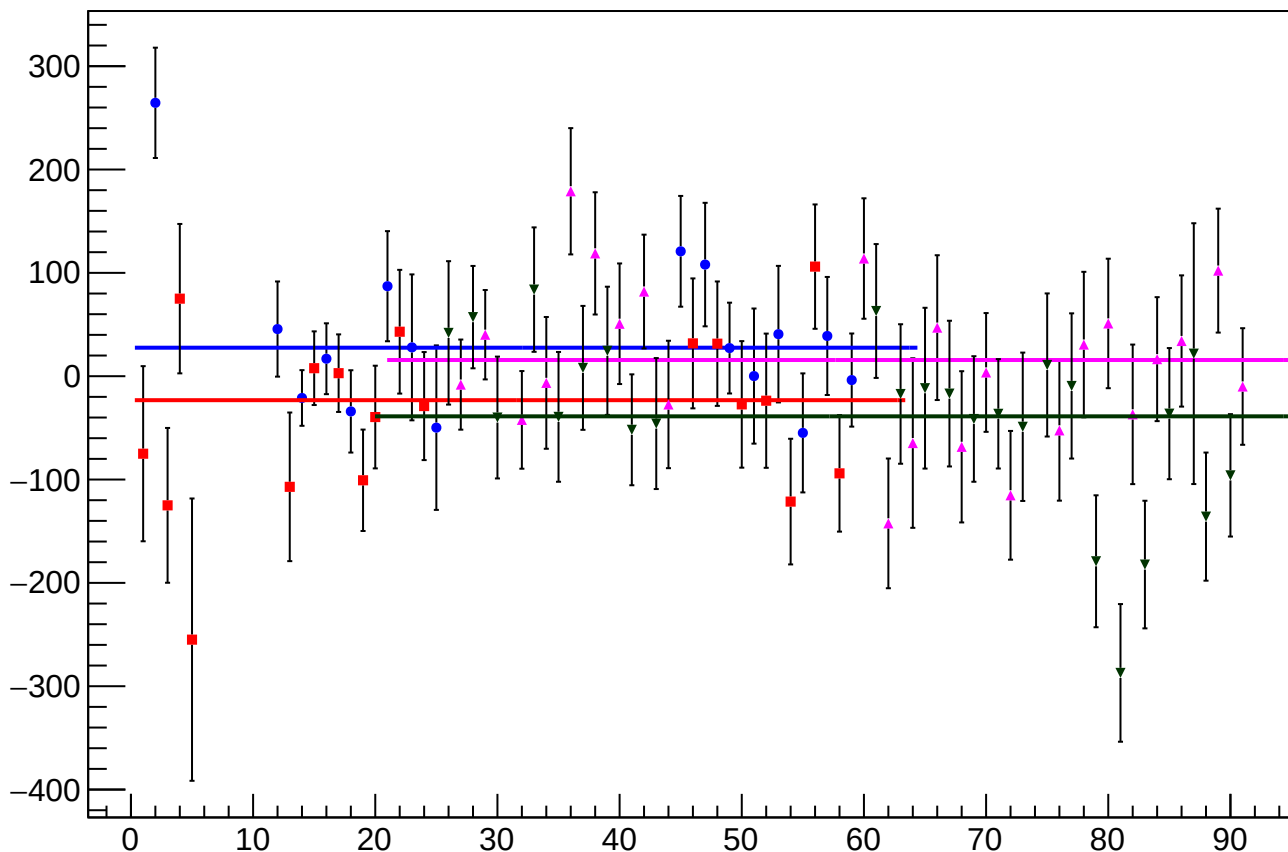
Right Out: 519.572+/-0.130 χ^2/NDF : 380922.7/17

Left In: 475.175+/-0.093 χ^2/NDF : 383930.1/23

491.264+/-0.074 χ^2/NDF : 694069.8/40

490.250+/-0.075 χ^2/NDF : 842464.8/41

asym_right_dd_mean vs slug



Right In: 27.584 ± 11.865 χ^2/NDF : 35.4/15

Left Out: -38.840 ± 12.686 χ^2/NDF : 42.2/24

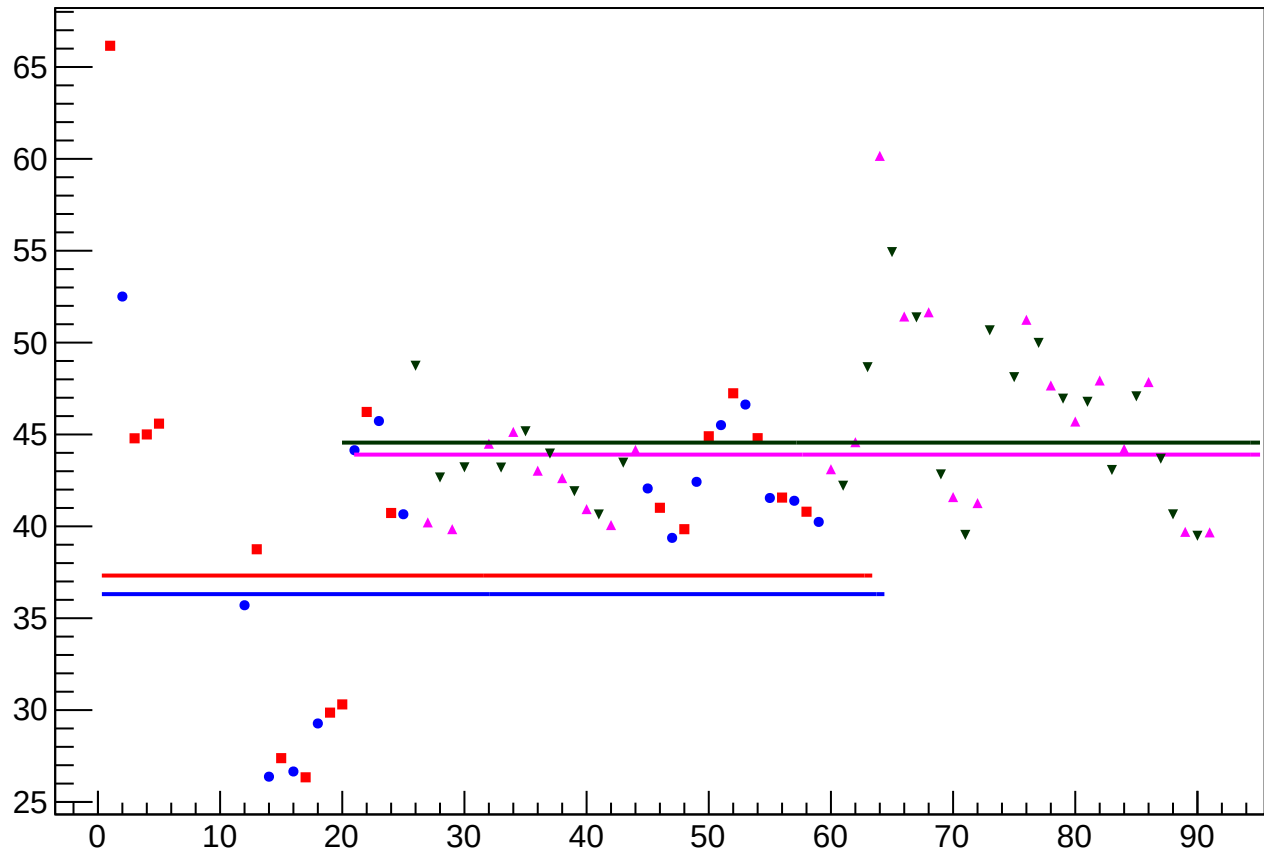
Right Out: -23.206 ± 13.348 χ^2/NDF : 23.8/17

Left In: 15.665 ± 12.080 χ^2/NDF : 35.2/23

-3.410 ± 8.666 χ^2/NDF : 92.3/40

-1.836 ± 8.957 χ^2/NDF : 63.6/41

asym_right_dd_rms vs slug



Right In: 36.311+/-0.008 χ^2/NDF : 965349.2/15

Left Out: 44.558+/-0.009 χ^2/NDF : 175116.7/24

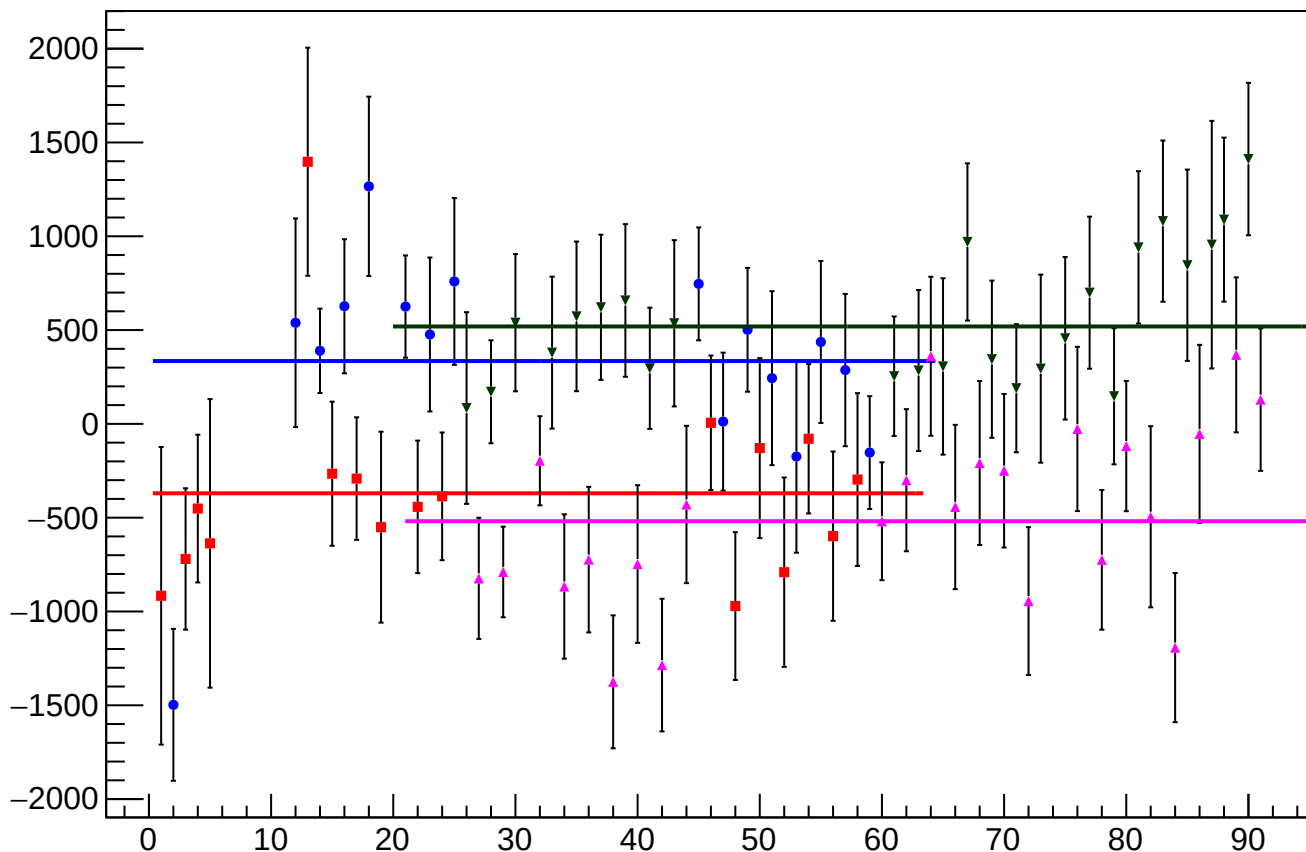
Right Out: 37.322+/-0.009 χ^2/NDF : 883097.5/17

Left In: 43.904+/-0.009 χ^2/NDF : 247298.0/23

40.159+/-0.006 χ^2/NDF : 1591304.7/40

40.941+/-0.006 χ^2/NDF : 1397743.4/41

asym_us_avg_mean vs slug



Right In: 334.850 ± 89.660 χ^2/NDF : 33.9/15

Left Out: 519.202 ± 80.050 χ^2/NDF : 18.2/24

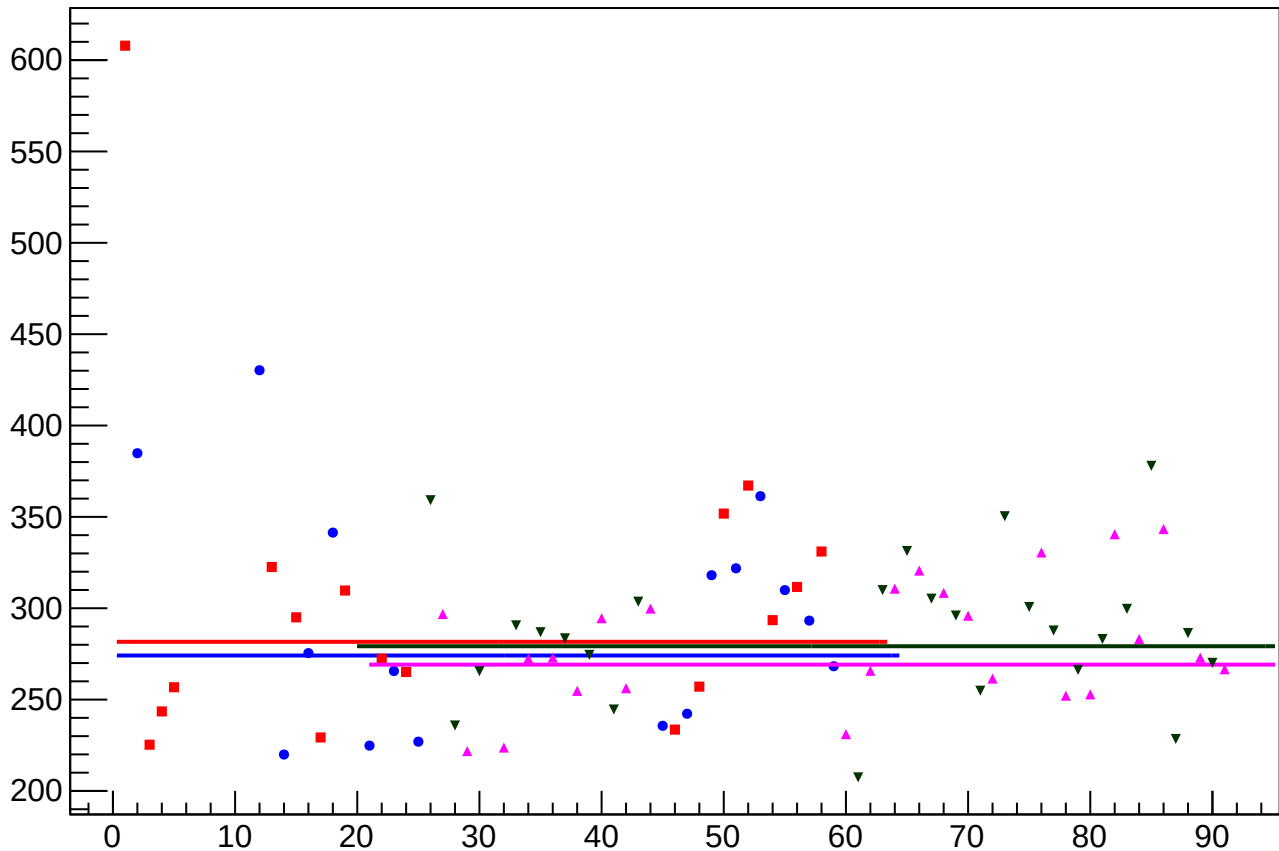
Right Out: -370.041 ± 102.838 χ^2/NDF : 15.4/16

Left In: -518.819 ± 74.675 χ^2/NDF : 37.0/23

437.431 ± 59.714 χ^2/NDF : 54.5/40

-467.455 ± 60.425 χ^2/NDF : 53.8/40

asym_us_avg_rms vs slug



Right In: 274.129+/-0.063 χ^2/NDF : 733269.3/15

Left Out: 279.208+/-0.057 χ^2/NDF : 432939.0/24

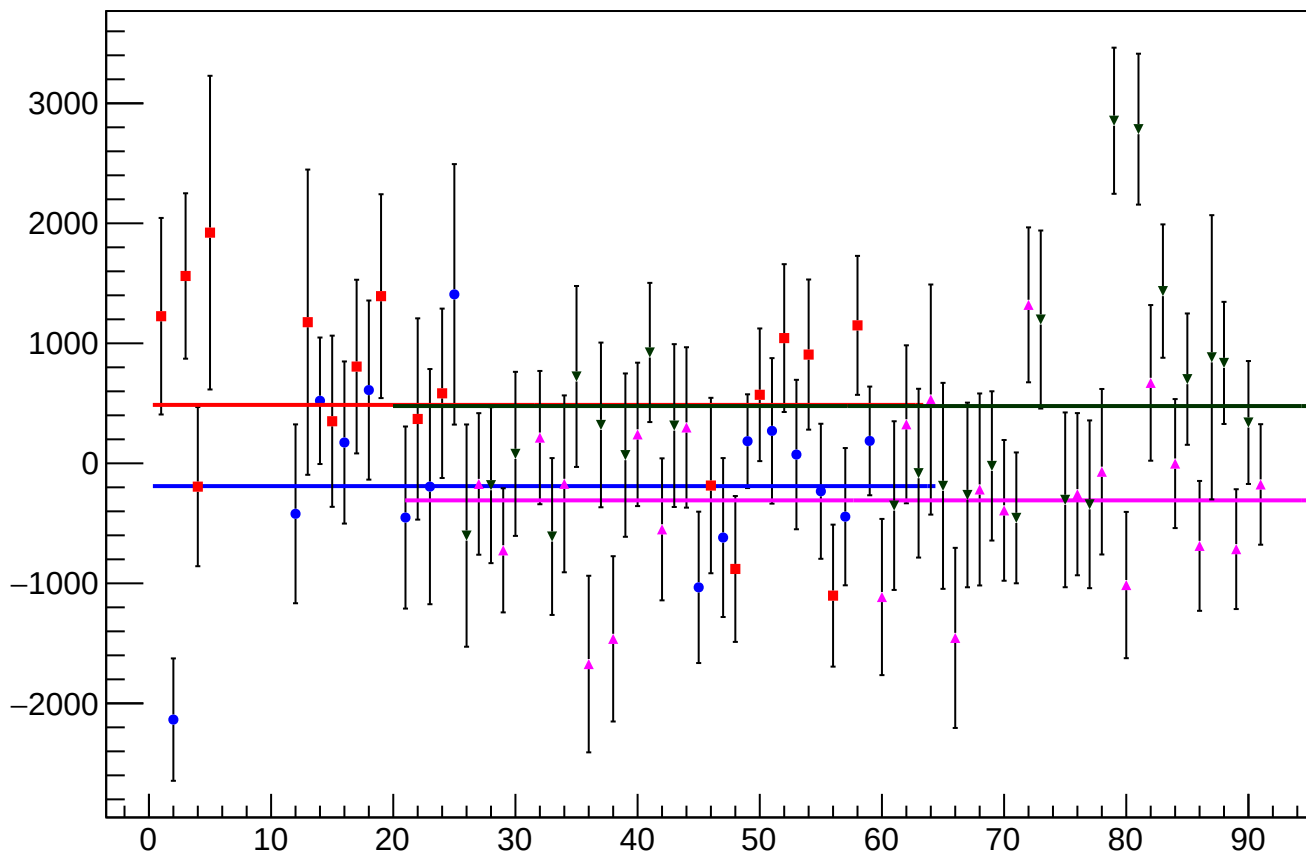
Right Out: 281.634+/-0.073 χ^2/NDF : 656375.7/16

Left In: 269.135+/-0.053 χ^2/NDF : 433961.0/23

276.956+/-0.042 χ^2/NDF : 1169779.9/40

273.450+/-0.043 χ^2/NDF : 1109682.4/40

asym_us_dd_mean vs slug



Right In: -189.797 ± 149.735 χ^2/NDF : 25.0/15

Left Out: 477.353 ± 131.092 χ^2/NDF : 49.8/24

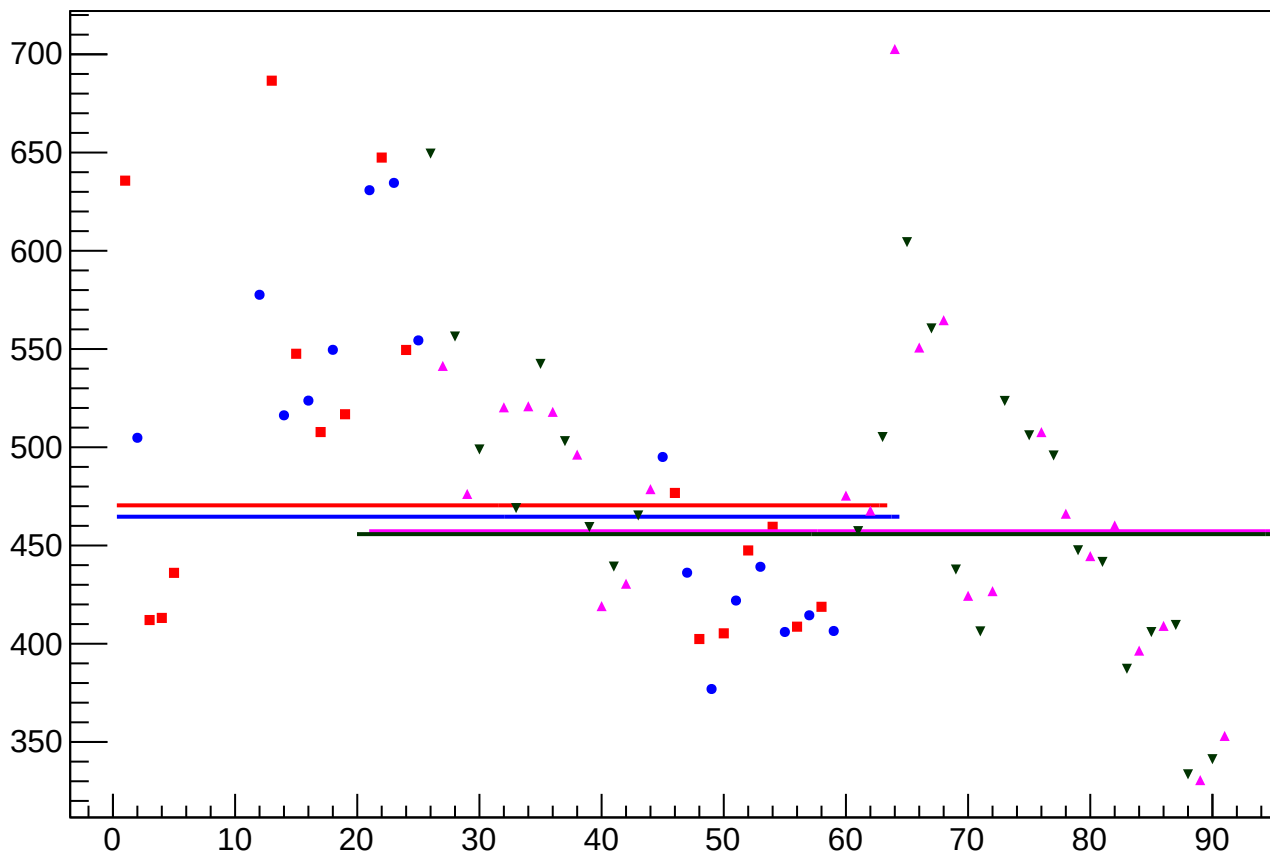
Right Out: 486.921 ± 169.886 χ^2/NDF : 22.9/16

Left In: -308.601 ± 126.825 χ^2/NDF : 27.0/23

187.873 ± 98.632 χ^2/NDF : 86.0/40

-23.910 ± 101.629 χ^2/NDF : 64.0/40

asym_us_dd_rms vs slug



Right In: 464.654+/-0.106 χ^2/NDF : 481064.6/15

Left Out: 455.785+/-0.093 χ^2/NDF : 606960.7/24

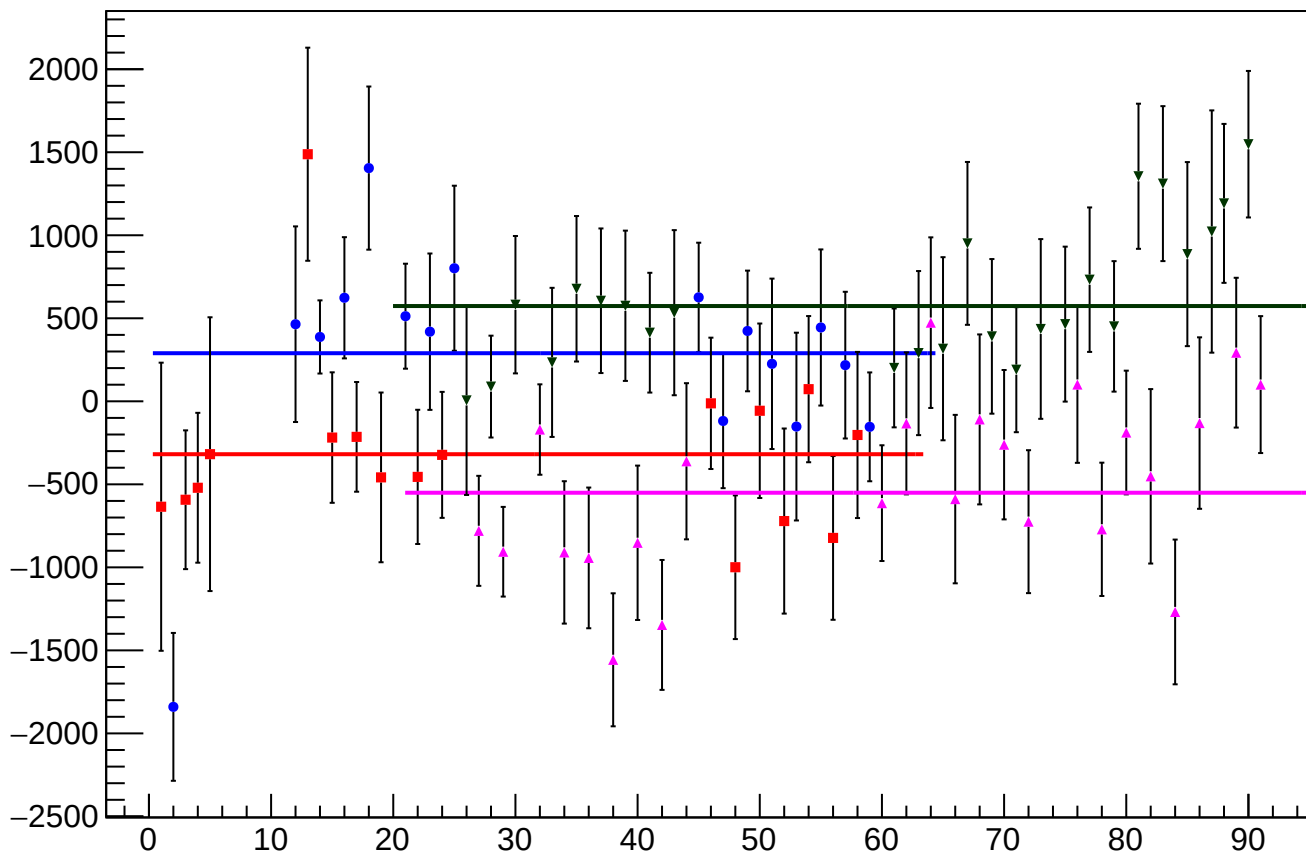
Right Out: 470.435+/-0.120 χ^2/NDF : 412842.1/16

Left In: 457.250+/-0.090 χ^2/NDF : 598056.9/23

459.633+/-0.070 χ^2/NDF : 1091996.8/40

461.969+/-0.072 χ^2/NDF : 1018635.0/40

asym_ds_avg_mean vs slug



Right In: 289.652 ± 96.428 χ^2/NDF : 35.6/15

Left Out: 573.757 ± 88.784 χ^2/NDF : 21.0/24

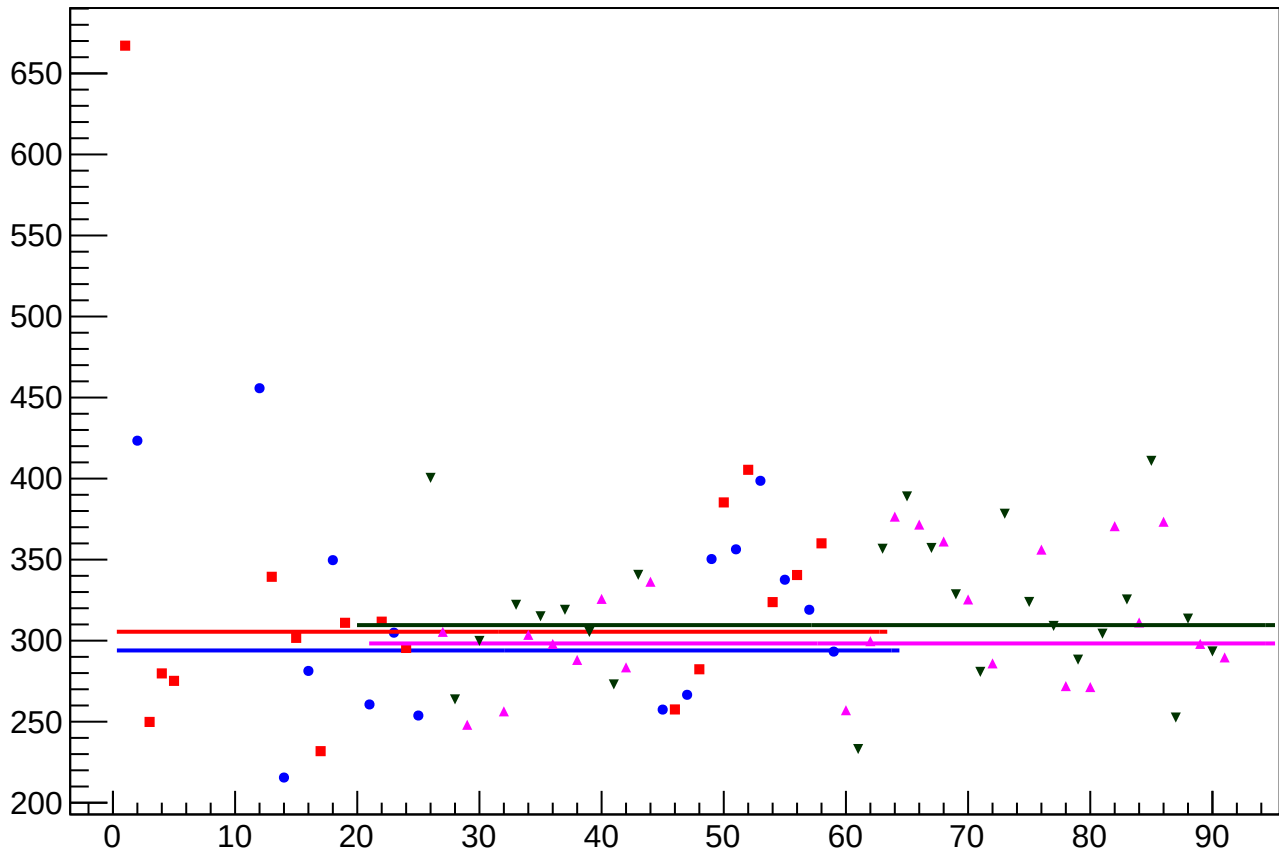
Right Out: -318.632 ± 111.630 χ^2/NDF : 14.8/16

Left In: -550.642 ± 82.725 χ^2/NDF : 35.6/23

443.410 ± 65.315 χ^2/NDF : 61.3/40

-468.396 ± 66.464 χ^2/NDF : 53.2/40

asym_ds_avg_rms vs slug



Right In: 293.953 ± 0.068 χ^2/NDF : 841546.9/15

Left Out: 309.592 ± 0.063 χ^2/NDF : 437428.9/24

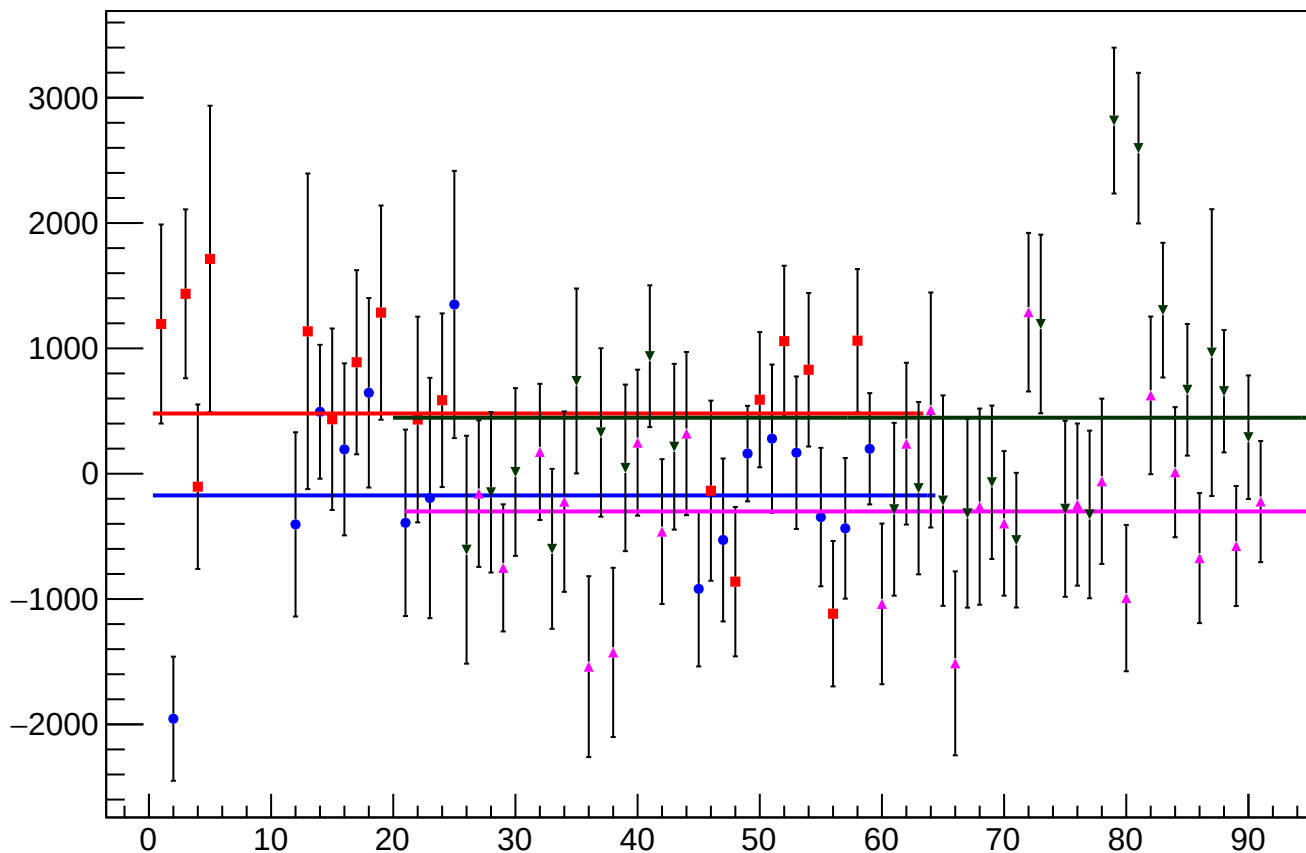
302.417 ± 0.046 χ^2/NDF : 1307445.7/40

Right Out: 305.502 ± 0.079 χ^2/NDF : 682306.3/16

300.840 ± 0.047 χ^2/NDF : 1116989.3/40

Left In: 298.280 ± 0.058 χ^2/NDF : 429278.8/23

asym_ds_dd_mean vs slug



Right In: -173.303 ± 147.397 χ^2/NDF : 22.6/15

Left Out: 446.683 ± 127.290 χ^2/NDF : 50.3/24

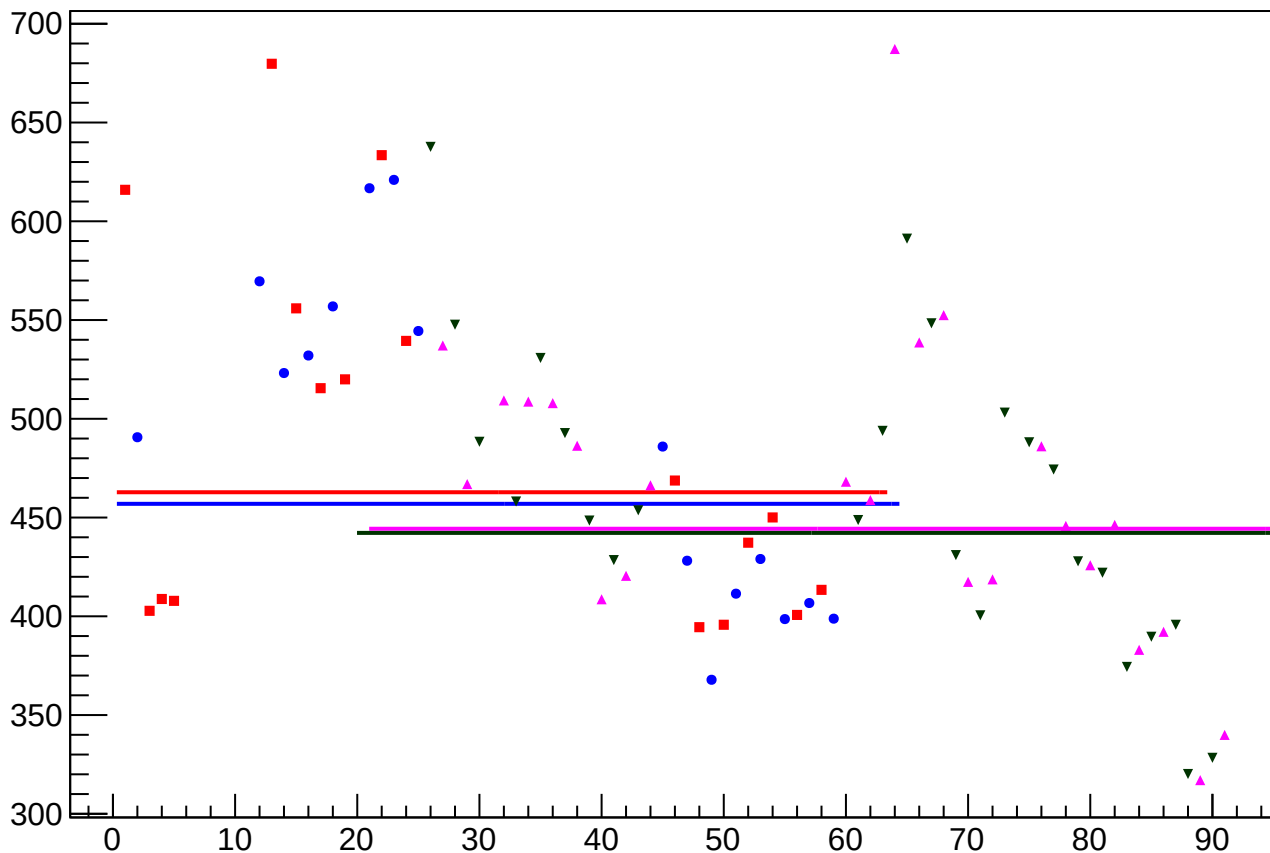
Right Out: 480.466 ± 167.234 χ^2/NDF : 21.8/16

Left In: -300.966 ± 123.345 χ^2/NDF : 26.0/23

181.831 ± 96.338 χ^2/NDF : 83.1/40

-25.647 ± 99.266 χ^2/NDF : 62.0/40

asym_ds_dd_rms vs slug



Right In: 456.944 ± 0.104 χ^2/NDF : 516432.3/15

Left Out: 442.227 ± 0.090 χ^2/NDF : 644695.5/24

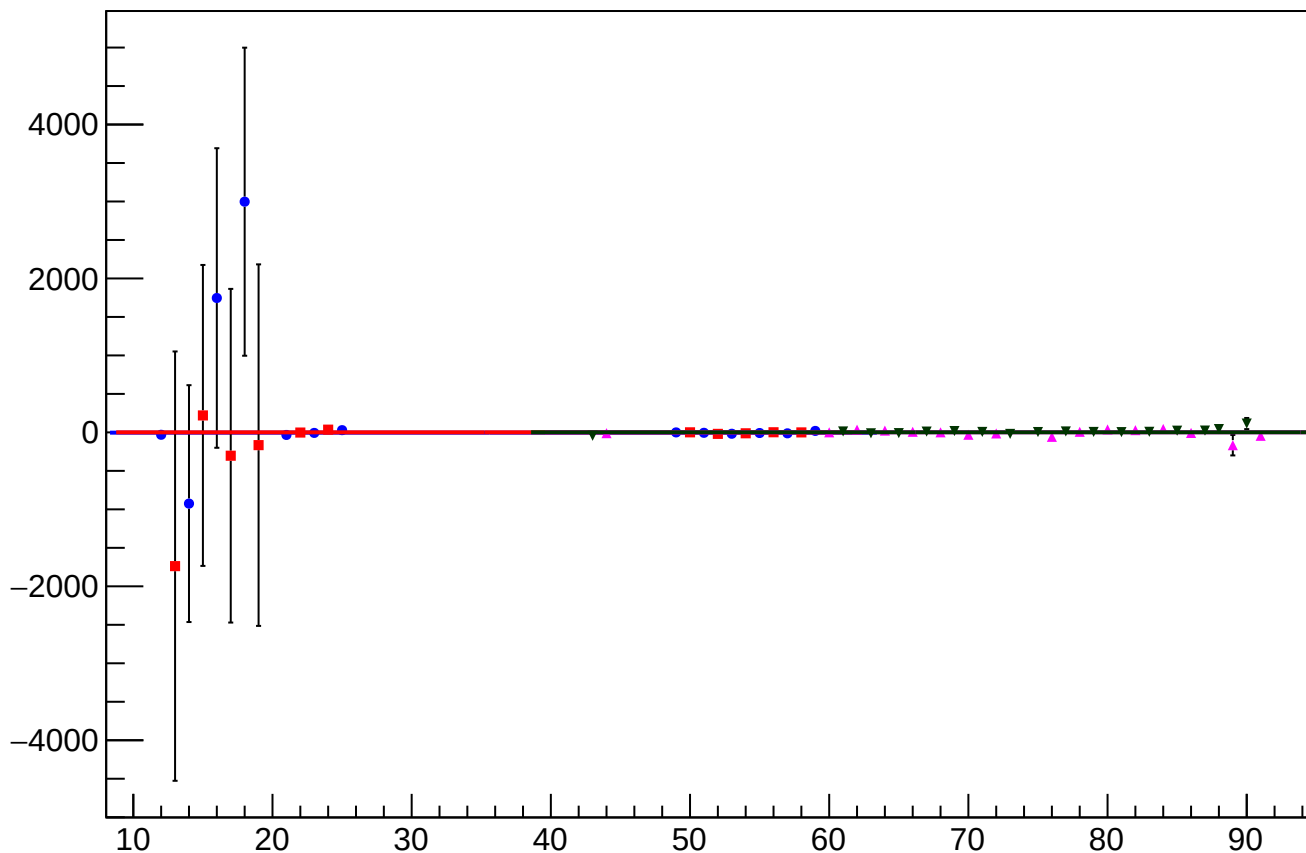
Right Out: 462.808 ± 0.118 χ^2/NDF : 430219.9/16

Left In: 444.329 ± 0.087 χ^2/NDF : 645257.2/23

448.514 ± 0.068 χ^2/NDF : 1172549.0/40

450.840 ± 0.070 χ^2/NDF : 1091292.9/40

bcm_an_us_ds_dd_mean vs slug



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

Left Out: 1.399 ± 6.505 χ^2/NDF : 9.6/16

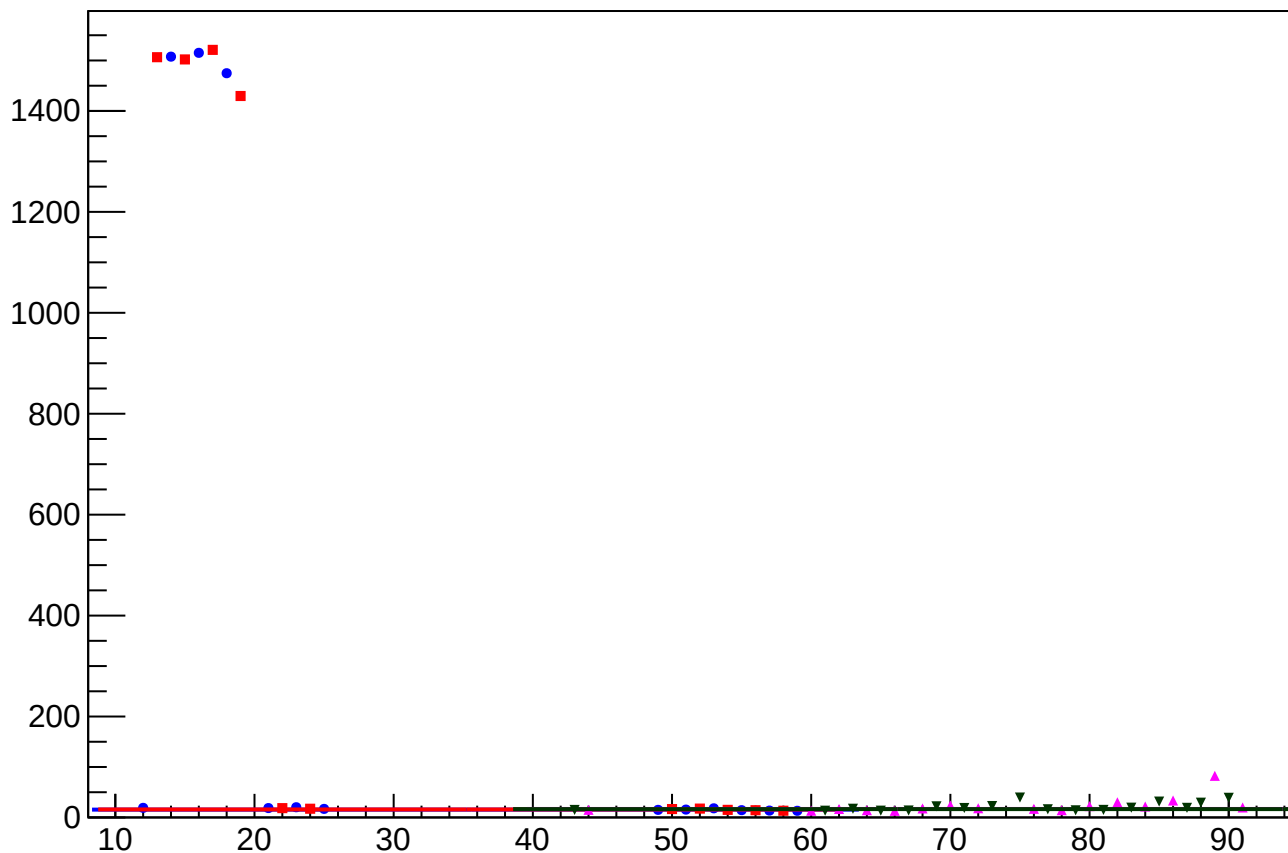
Right Out: 0.699 ± 8.203 χ^2/NDF : 3.9/10

Left In: 1.688 ± 6.548 χ^2/NDF : 17.1/15

-1.000 ± 4.678 χ^2/NDF : 19.6/29

1.303 ± 5.118 χ^2/NDF : 21.0/26

bcm_an_us_ds_dd_rms vs slug



Right In: 15.520 $\pm$ 0.005 χ^2 /NDF: 4337775.3/12

Left Out: 16.562 $\pm$ 0.005 χ^2 /NDF:1082181.0/16

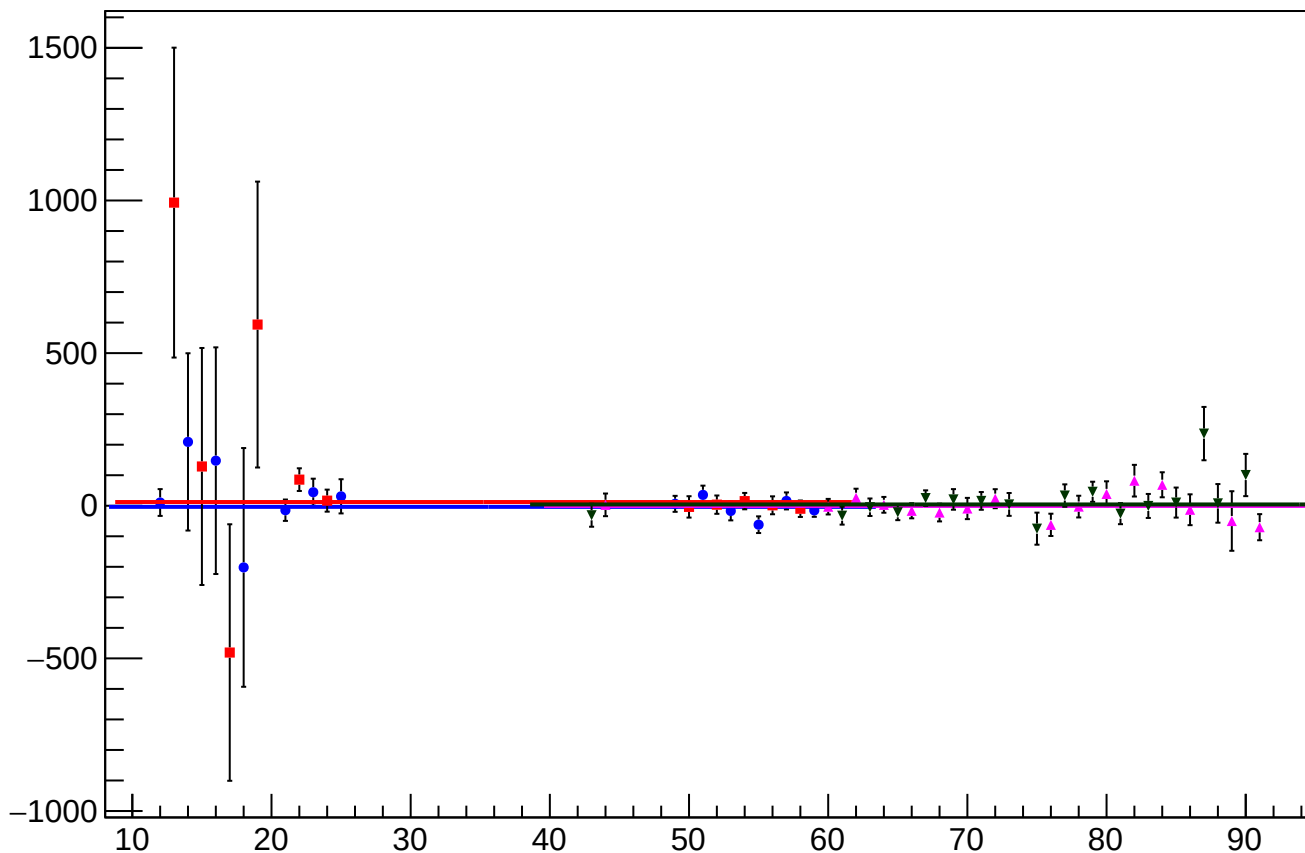
Right Out: 15.843 $\pm$ 0.006 χ^2 /NDF: 3509978.8/10

Left In: 16.825 $\pm$ 0.005 χ^2 /NDF:1263215.9/15

16.059 $\pm$ 0.003 χ^2 /NDF: 5444746.3/29

16.443 $\pm$ 0.004 χ^2 /NDF: 4790695.3/26

bcm_dg_us_ds_dd_mean vs slug



Right In: -3.602 ± 9.680 $\chi^2/\text{NDF}: 10.1/12$

Left Out: 4.268 ± 8.624 $\chi^2/\text{NDF}: 18.9/16$

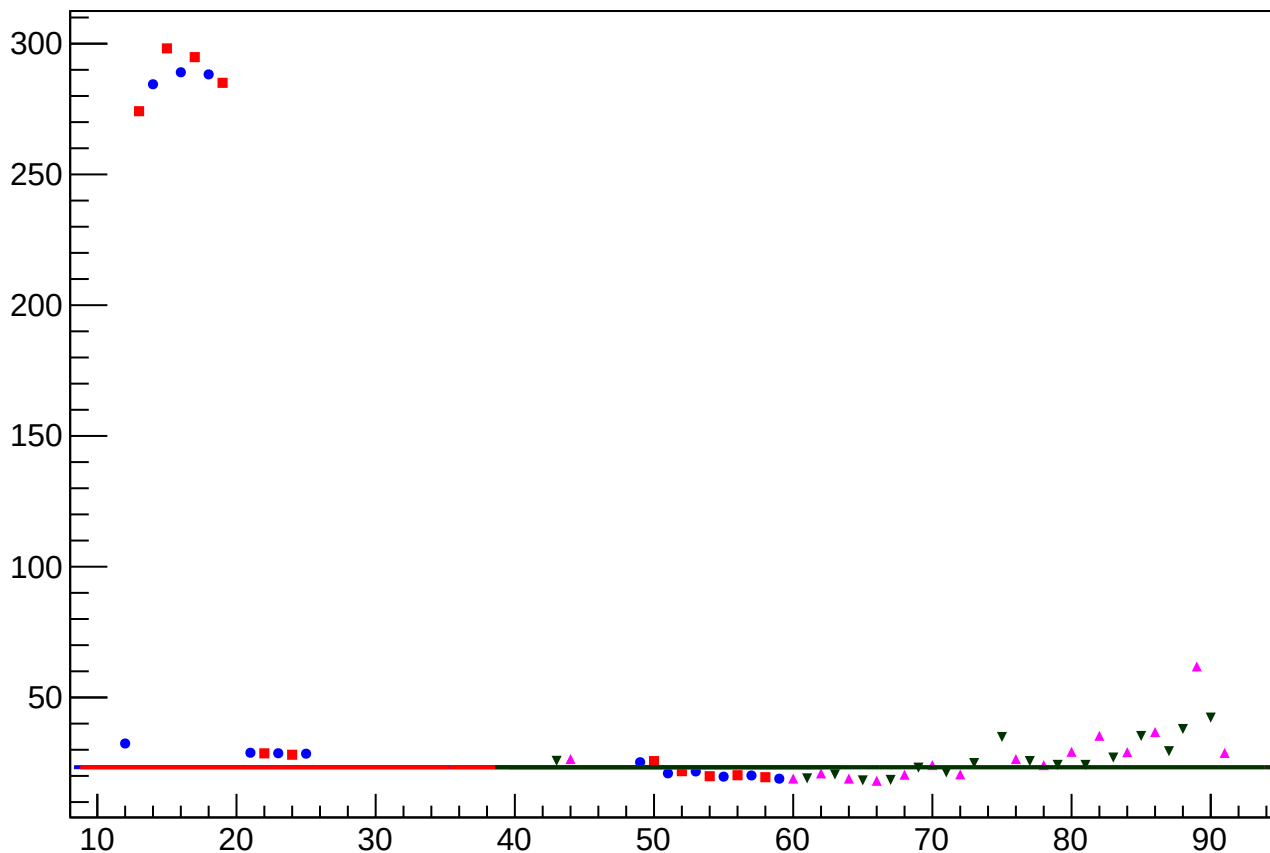
Right Out: 12.198 ± 11.650 $\chi^2/\text{NDF}: 11.8/10$

Left In: -0.656 ± 8.544 $\chi^2/\text{NDF}: 14.6/15$

0.786 ± 6.439 $\chi^2/\text{NDF}: 29.4/29$

3.839 ± 6.890 $\chi^2/\text{NDF}: 27.2/26$

bcm_dg_us_ds_dd_rms vs slug



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

Left Out: 23.337+/-0.006 χ^2/NDF : 741899.7/16

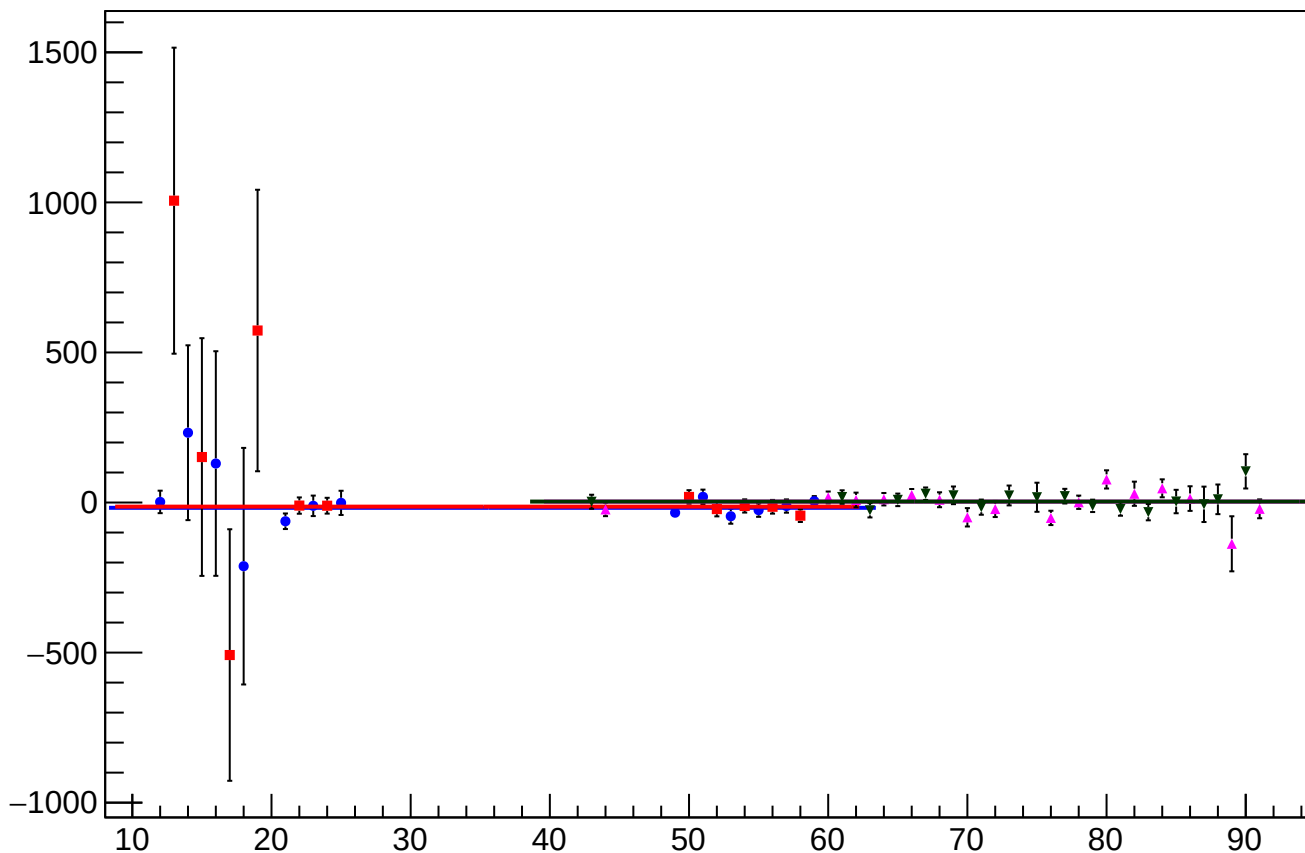
Right Out: 23.282+/-0.008 χ^2/NDF : 3135491.8/10

Left In: 23.265+/-0.006 χ^2/NDF : 953795.6/15

23.339+/-0.005 χ^2/NDF : 4658743.4/29

23.271+/-0.005 χ^2/NDF : 4089290.1/26

bcm_dg_ds_ds_dd_mean vs slug



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

Left Out: 3.209 ± 6.556 χ^2/NDF : 12.2/16

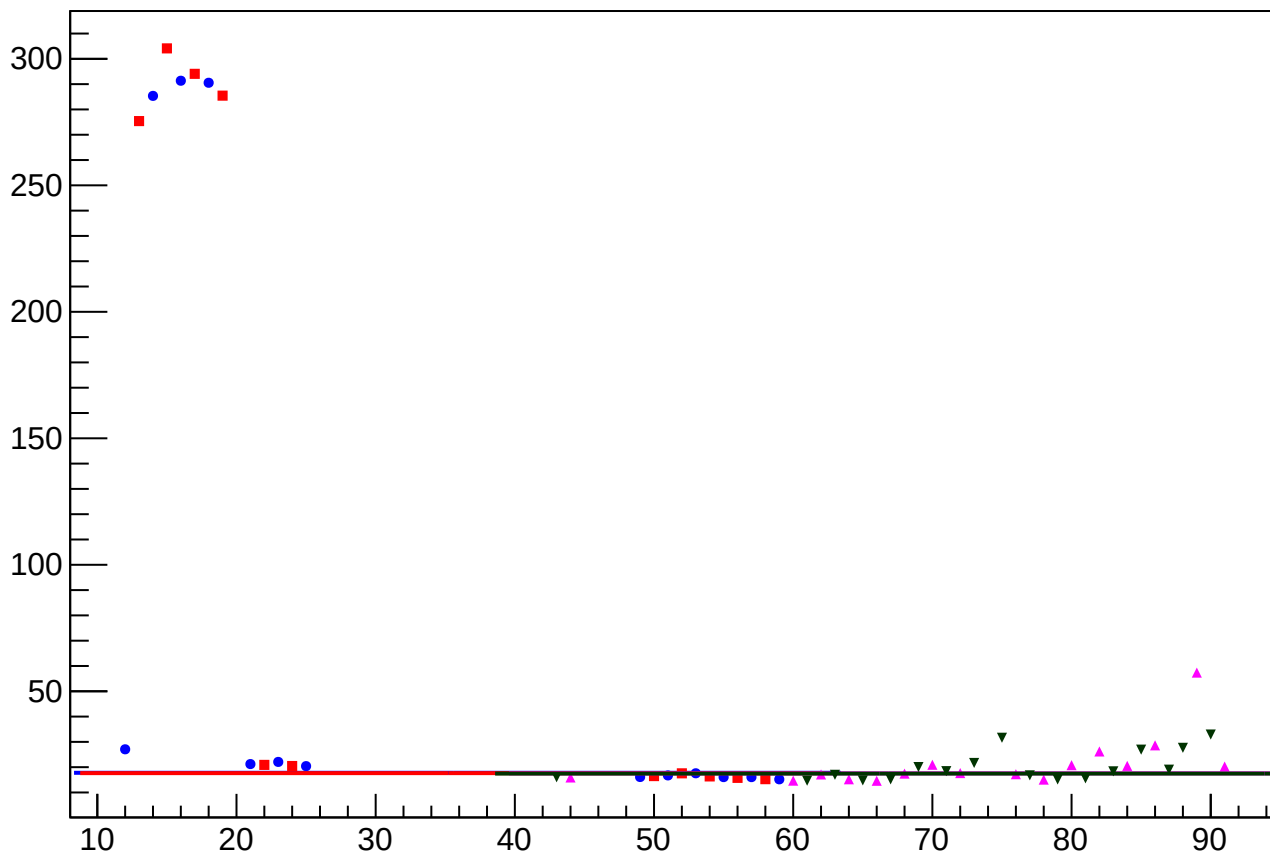
Right Out: -13.700 ± 8.866 χ^2/NDF : 11.4/10

Left In: 3.039 ± 6.531 χ^2/NDF : 23.8/15

-5.898 ± 4.916 χ^2/NDF : 27.6/29

-2.848 ± 5.258 χ^2/NDF : 37.5/26

bcm_dg_ds_ds_dd_rms vs slug



Right In: 17.778 $\pm$ 0.005 χ^2 /NDF: 4007051.1/12

Left Out: 17.471 $\pm$ 0.005 χ^2 /NDF: 712116.8/16

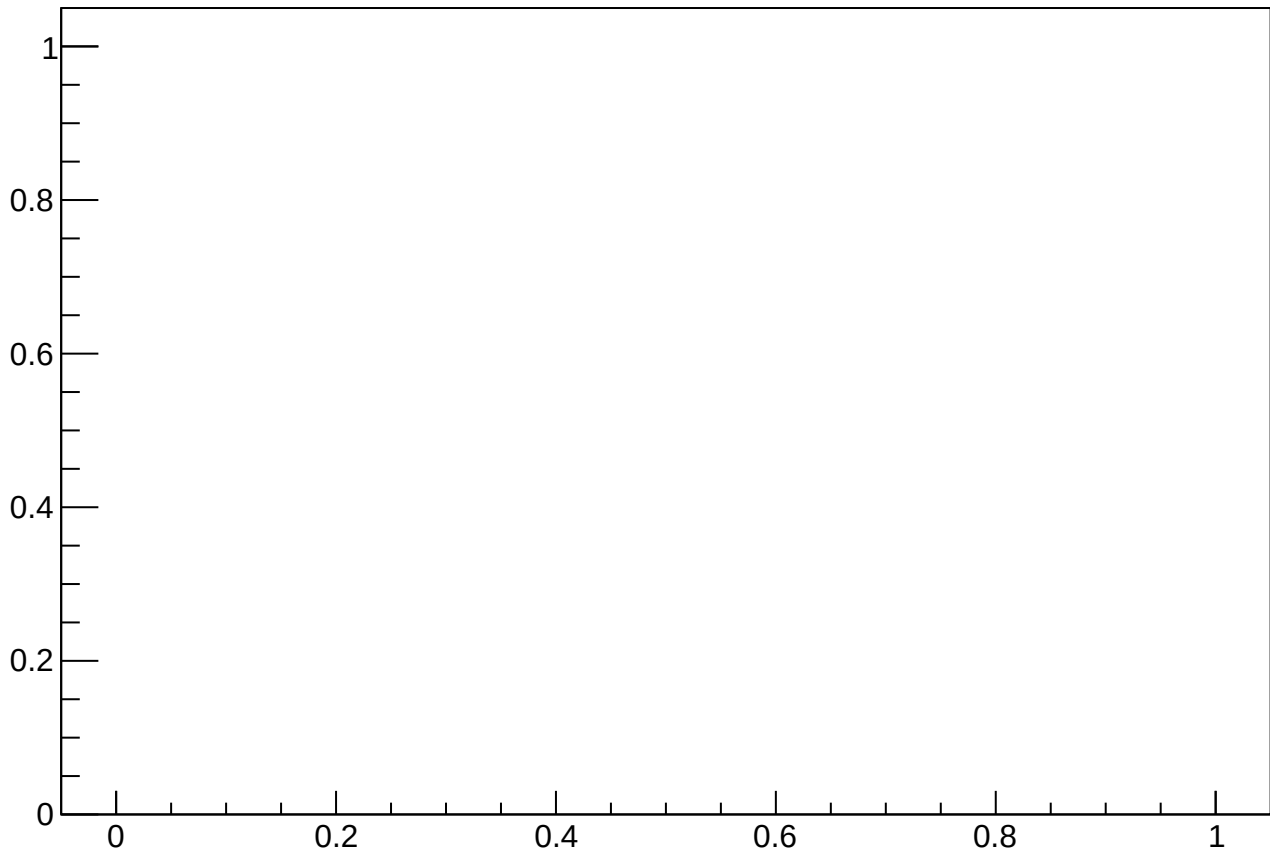
Right Out: 17.645 $\pm$ 0.006 χ^2 /NDF: 3183254.5/10

Left In: 17.560 $\pm$ 0.005 χ^2 /NDF: 844401.8/15

17.605 $\pm$ 0.003 χ^2 /NDF: 4721086.4/29

17.590 $\pm$ 0.004 χ^2 /NDF: 4027775.8/26

bcm_dg_ds_ds3_dd_mean vs slug



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

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

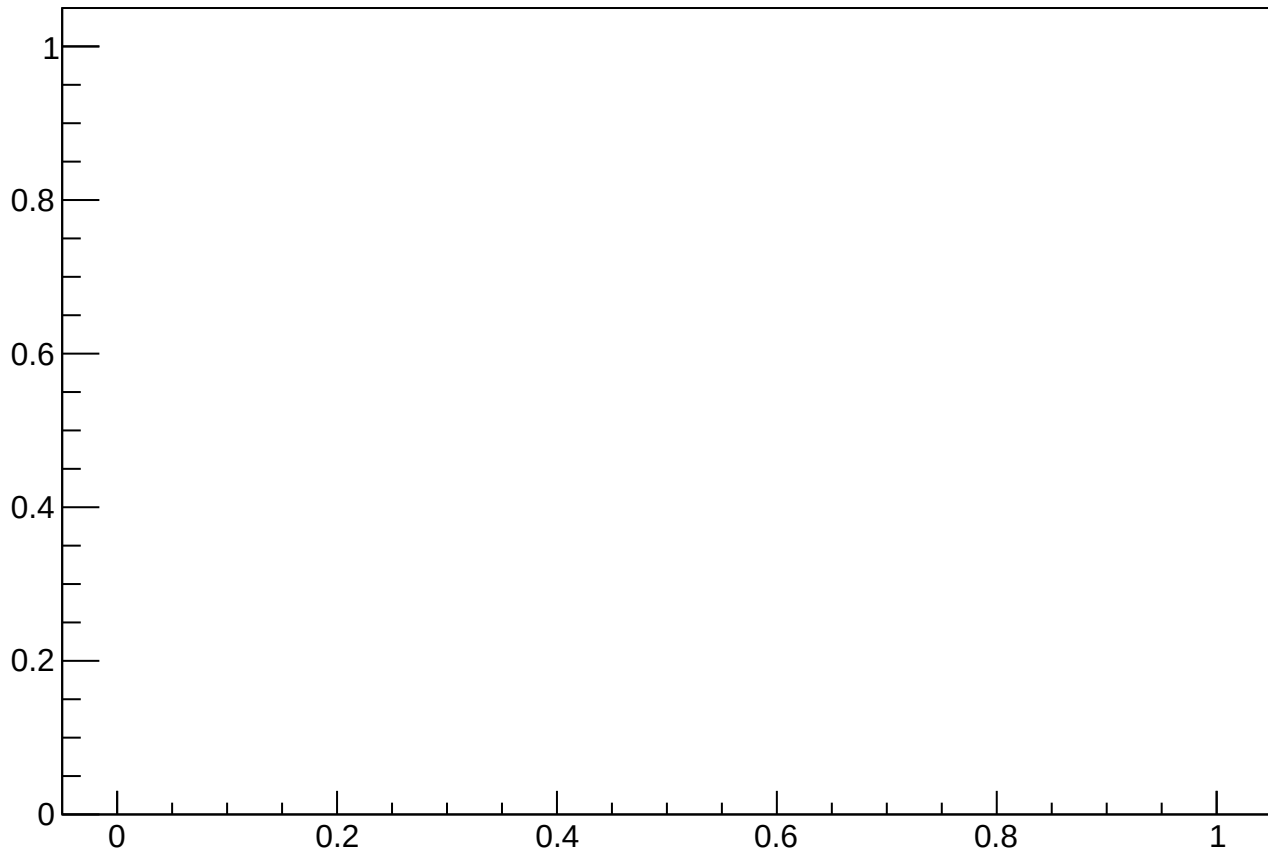
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

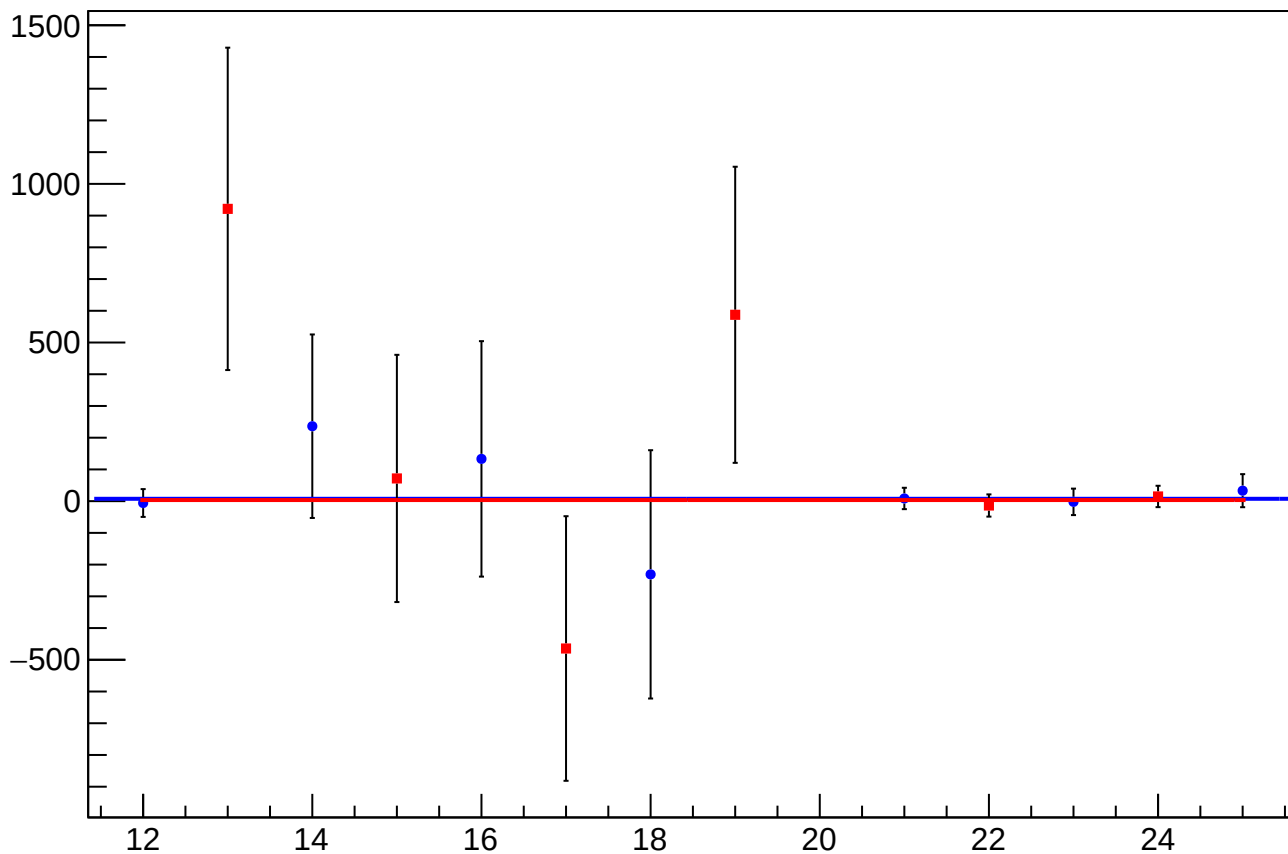
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

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

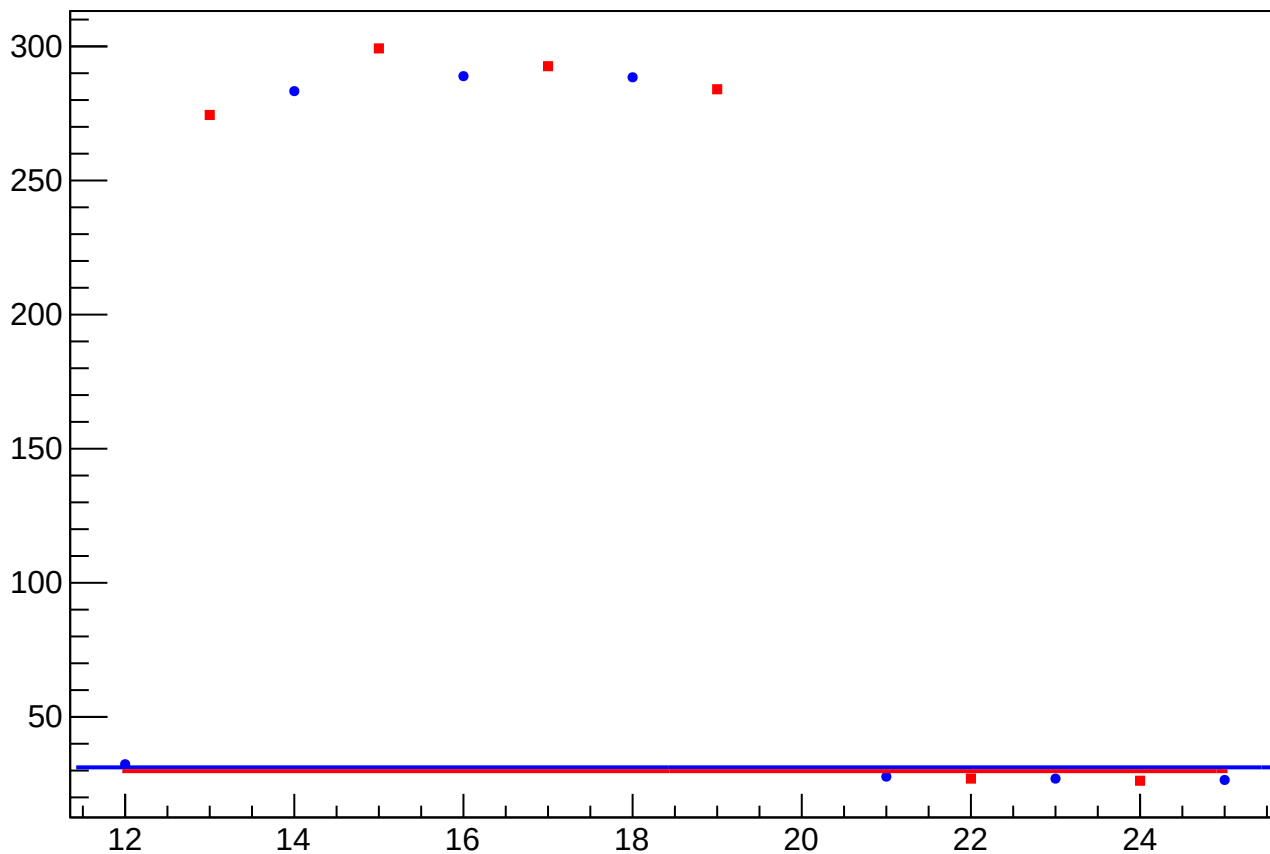
Right Out: 3.455+/-24.131 χ^2 /NDF: 6.5/5

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

7.425+/-20.533 χ^2 /NDF: 1.5/6

3.455+/-24.131 χ^2 /NDF: 6.5/5

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

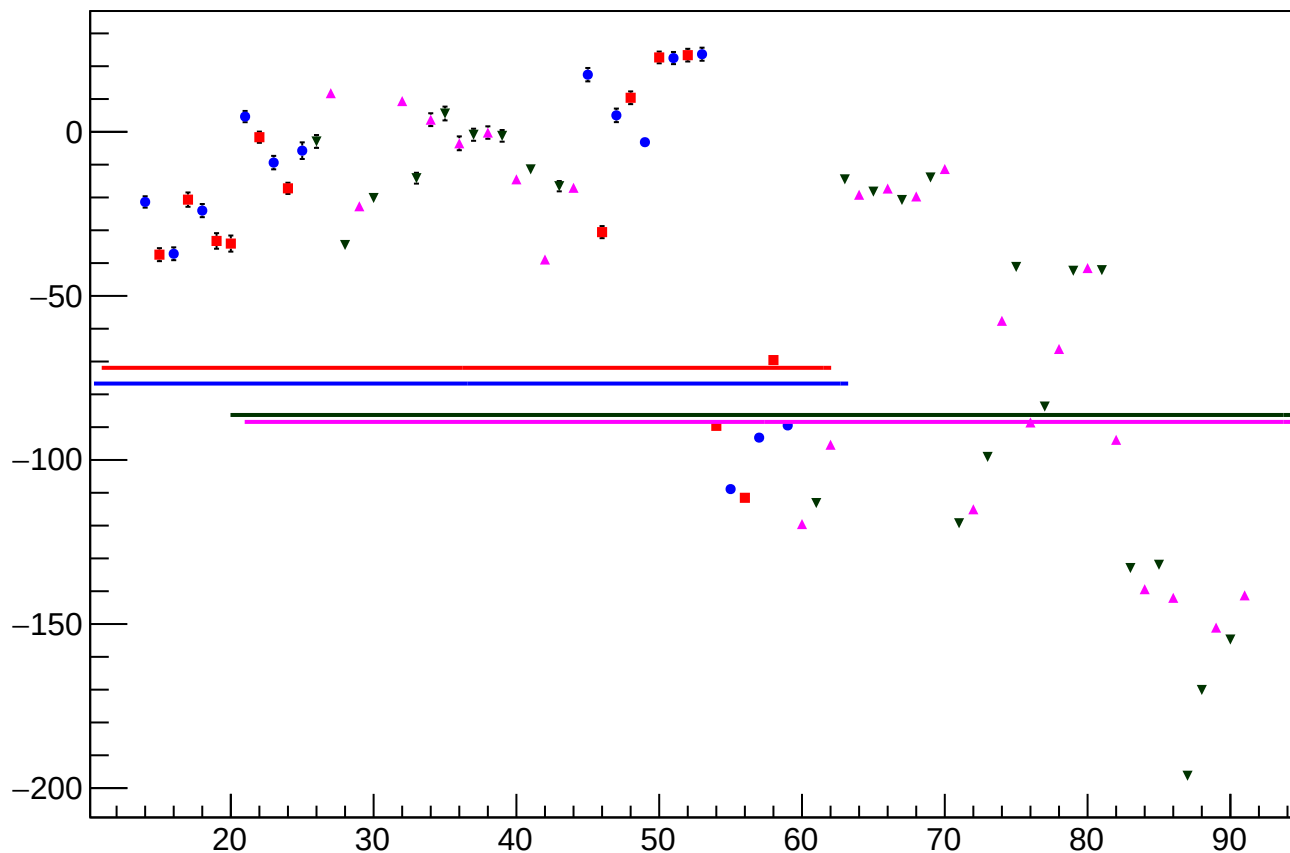
31.193+/-0.015 χ^2/NDF : 3408382.3/6

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

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

29.778+/-0.017 χ^2/NDF : 2843835.9/5

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -76.713 ± 0.256 $\chi^2/\text{NDF}: 24808.8/13$

Left Out: -86.285 ± 0.164 $\chi^2/\text{NDF}: 98909.0/24$

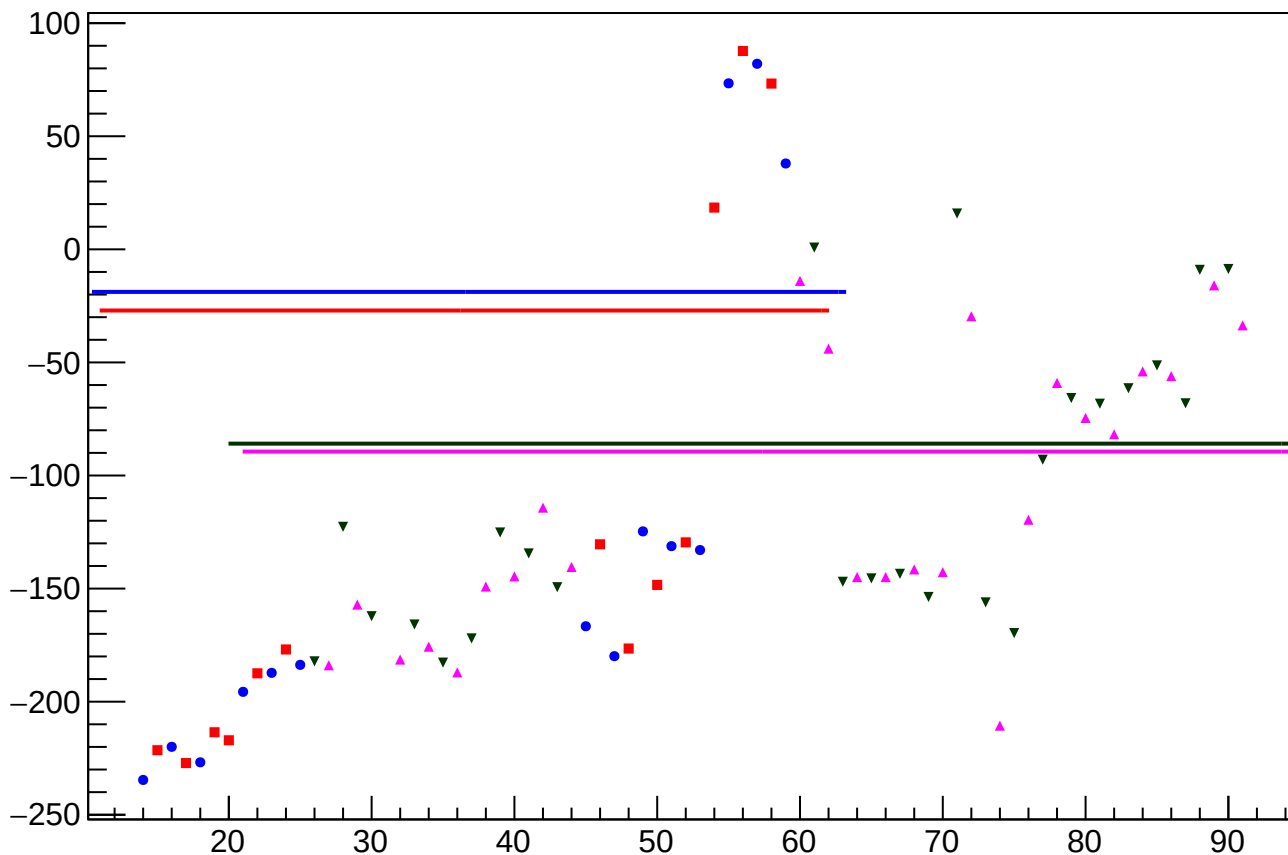
Right Out: -71.917 ± 0.306 $\chi^2/\text{NDF}: 17788.9/12$

Left In: -88.404 ± 0.159 $\chi^2/\text{NDF}: 88826.7/24$

-83.493 ± 0.138 $\chi^2/\text{NDF}: 124707.3/38$

-84.899 ± 0.141 $\chi^2/\text{NDF}: 108907.4/37$

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -18.819 ± 0.250 $\chi^2/\text{NDF}: 217493.9/13$

Left Out: -85.909 ± 0.186 $\chi^2/\text{NDF}: 100122.6/24$

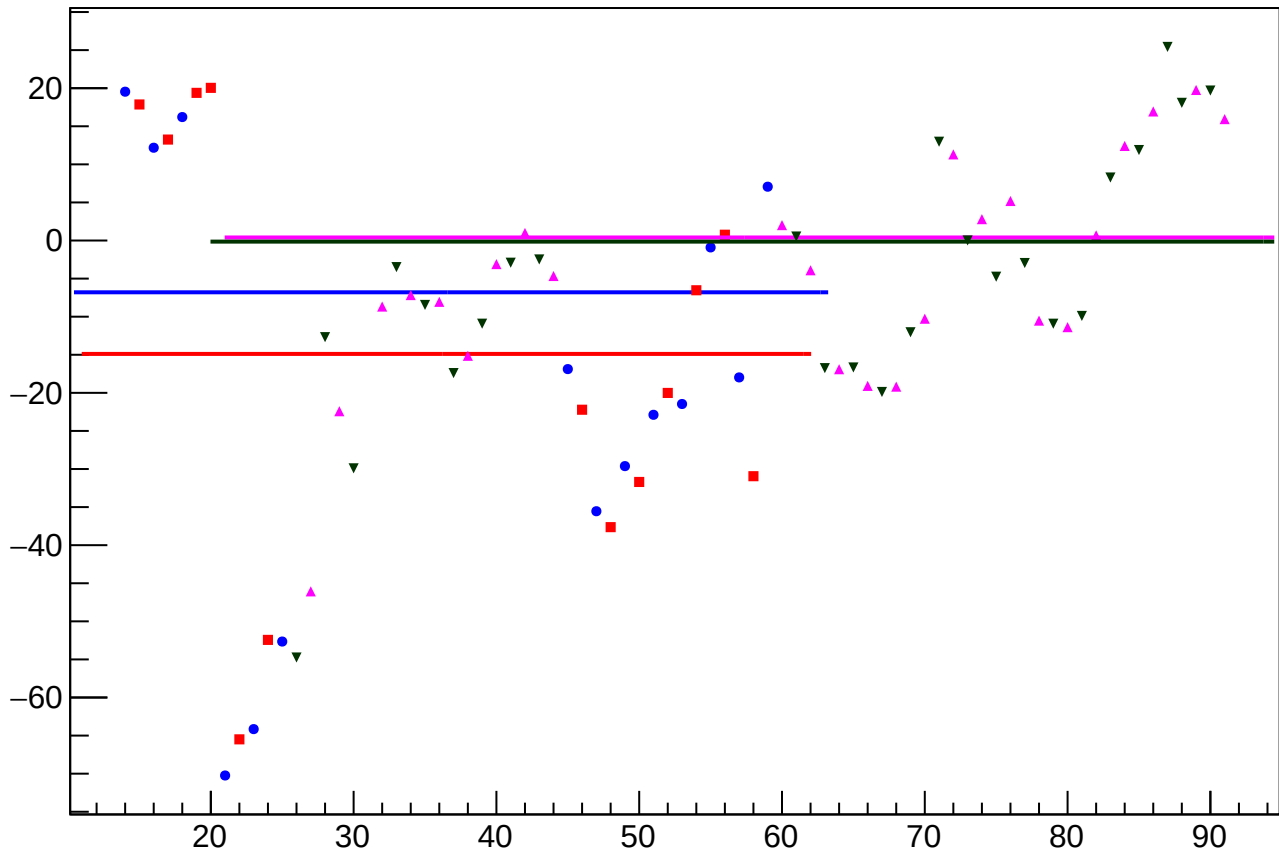
Right Out: -27.056 ± 0.292 $\chi^2/\text{NDF}: 176739.6/12$

Left In: -89.426 ± 0.173 $\chi^2/\text{NDF}: 89952.3/24$

-61.946 ± 0.149 $\chi^2/\text{NDF}: 364076.1/38$

-73.116 ± 0.149 $\chi^2/\text{NDF}: 300493.6/37$

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -6.798 ± 0.045 $\chi^2/\text{NDF}: 160597.3/13$

Left Out: -0.144 ± 0.031 $\chi^2/\text{NDF}: 186827.6/24$

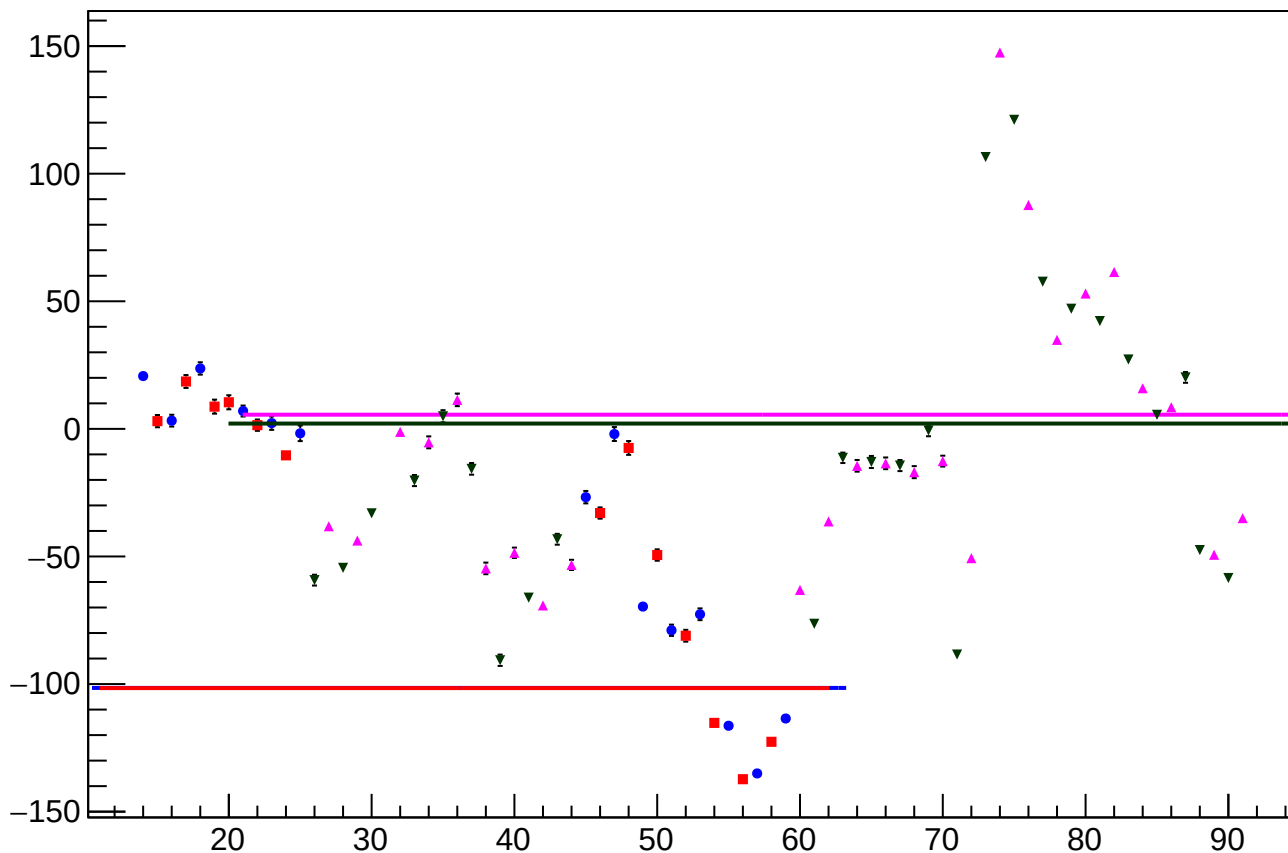
Right Out: -14.888 ± 0.053 $\chi^2/\text{NDF}: 130954.0/12$

Left In: 0.401 ± 0.029 $\chi^2/\text{NDF}: 186435.6/24$

-2.278 ± 0.026 $\chi^2/\text{NDF}: 362250.7/38$

-3.150 ± 0.026 $\chi^2/\text{NDF}: 380740.8/37$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -101.512 $\pm$ 0.296 χ^2 /NDF: 20402.2/13

Left Out: 2.081 $\pm$ 0.229 χ^2 /NDF: 70986.5/24

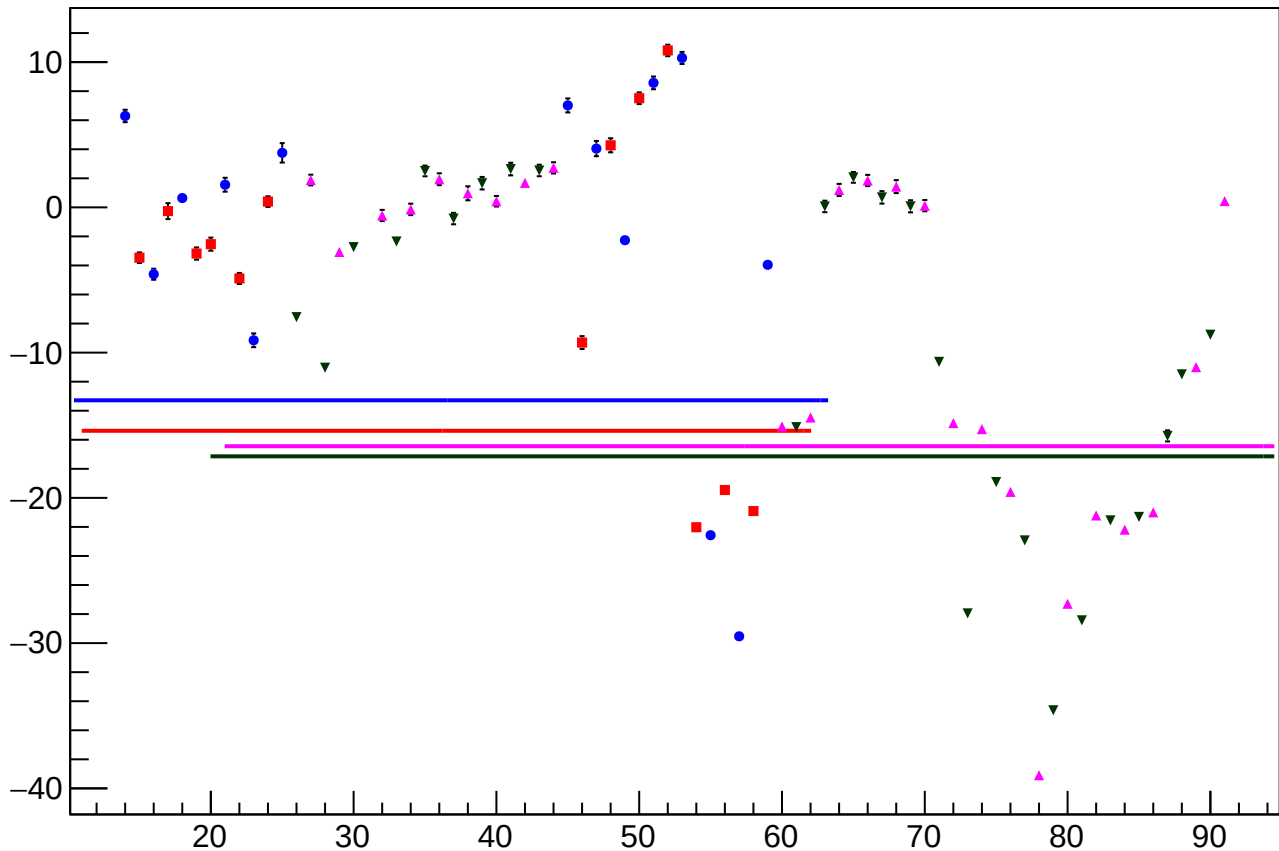
Right Out: -101.583 $\pm$ 0.360 χ^2 /NDF: 19061.1/12

Left In: 5.557 $\pm$ 0.215 χ^2 /NDF: 60399.9/24

-36.702 $\pm$ 0.181 χ^2 /NDF: 167919.6/38

-22.577 $\pm$ 0.185 χ^2 /NDF: 144712.4/37

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -13.284 $\pm$ 0.055 χ^2 /NDF: 50385.7/13

Left Out: -17.140 $\pm$ 0.040 χ^2 /NDF: 57133.6/24

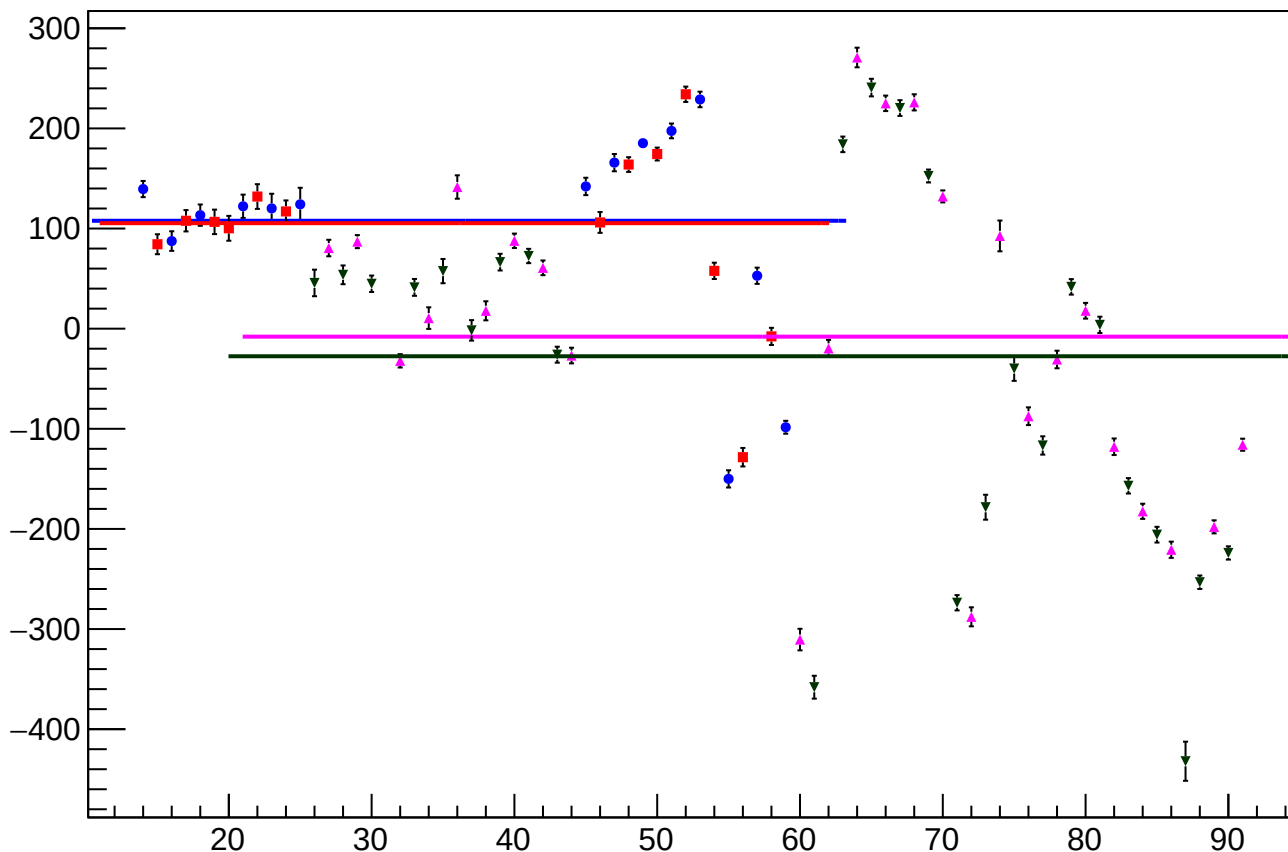
Right Out: -15.381 $\pm$ 0.066 χ^2 /NDF: 20048.6/12

Left In: -16.444 $\pm$ 0.039 χ^2 /NDF: 65871.0/24

-15.835 $\pm$ 0.032 χ^2 /NDF: 110730.1/38

-16.169 $\pm$ 0.033 χ^2 /NDF: 86113.7/37

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 107.769 $\pm$ 2.159 χ^2 /NDF: 2743.7/13

Left Out: -27.552 $\pm$ 1.705 χ^2 /NDF: 9519.0/24

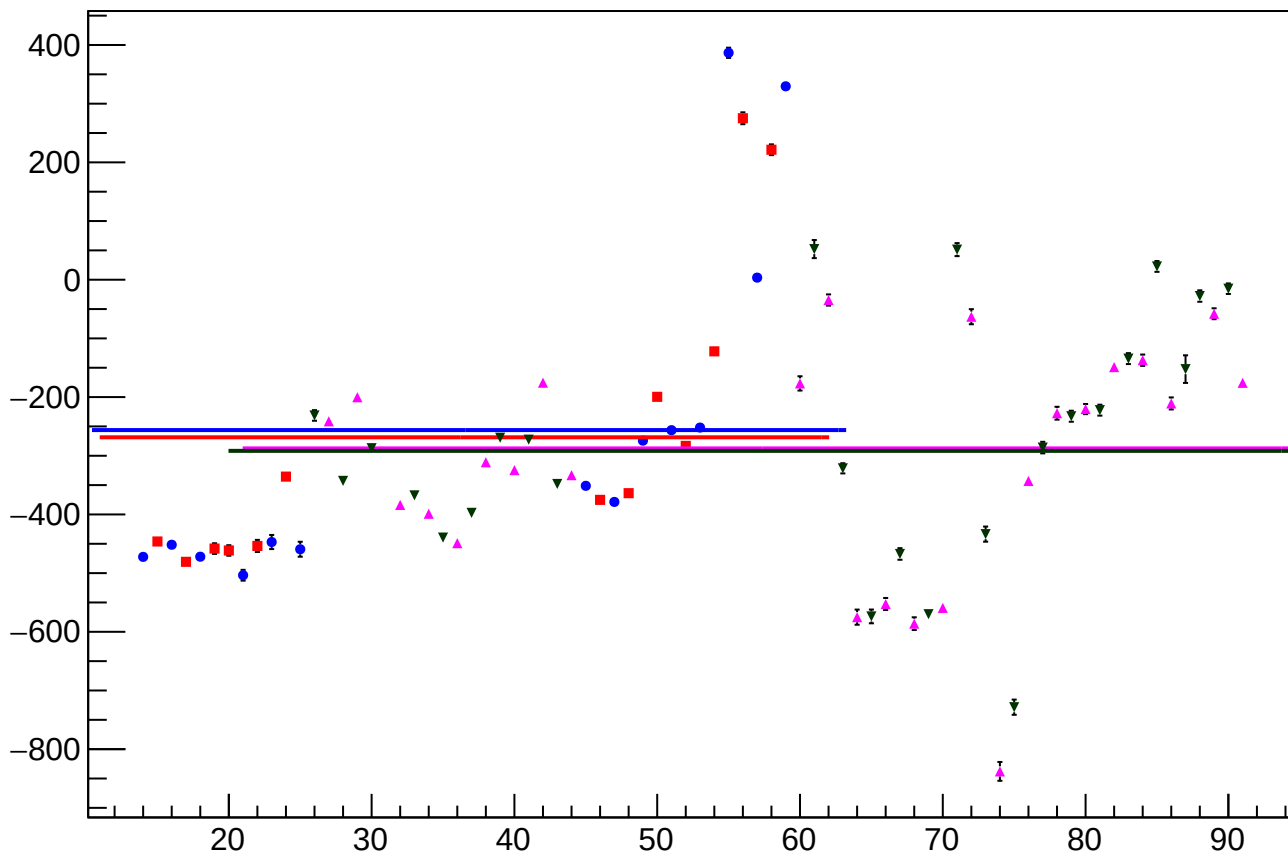
Right Out: 105.366 $\pm$ 2.531 χ^2 /NDF: 1318.7/12

Left In: -7.968 $\pm$ 1.601 χ^2 /NDF: 8250.3/24

24.437 $\pm$ 1.338 χ^2 /NDF: 14682.1/38

24.437 $\pm$ 1.353 χ^2 /NDF: 11001.0/37

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -256.224+/-1.743 χ^2/NDF : 17720.0/13

Left Out: -291.630+/-1.684 χ^2/NDF : 8852.4/24

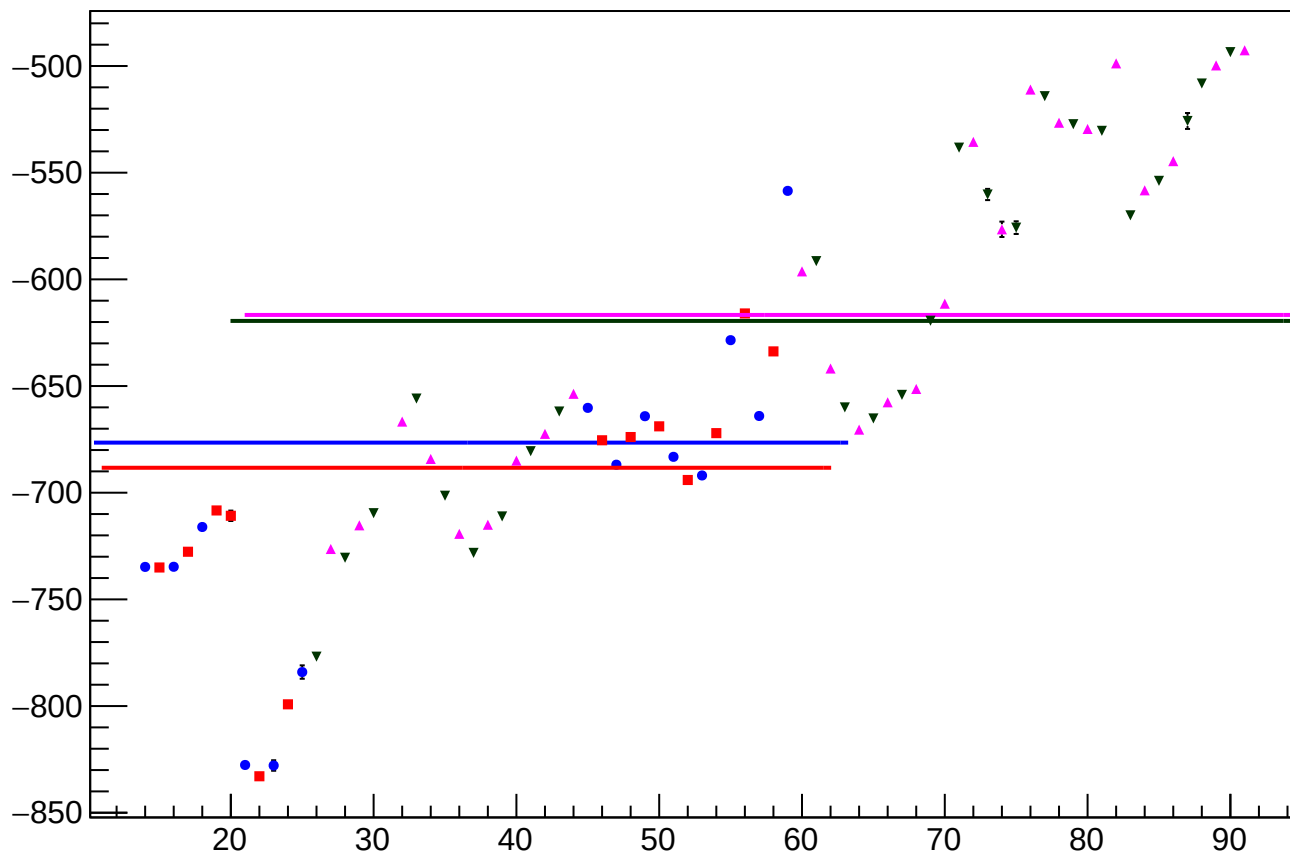
Right Out: -268.536+/-1.978 χ^2/NDF : 9588.6/12

Left In: -287.416+/-1.524 χ^2/NDF : 8824.5/24

-274.530+/-1.211 χ^2/NDF : 26785.8/38

-280.388+/-1.207 χ^2/NDF : 18470.2/37

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -676.523+/-0.395 χ^2/NDF : 24863.0/13

Left Out: -619.481+/-0.305 χ^2/NDF : 67734.7/24

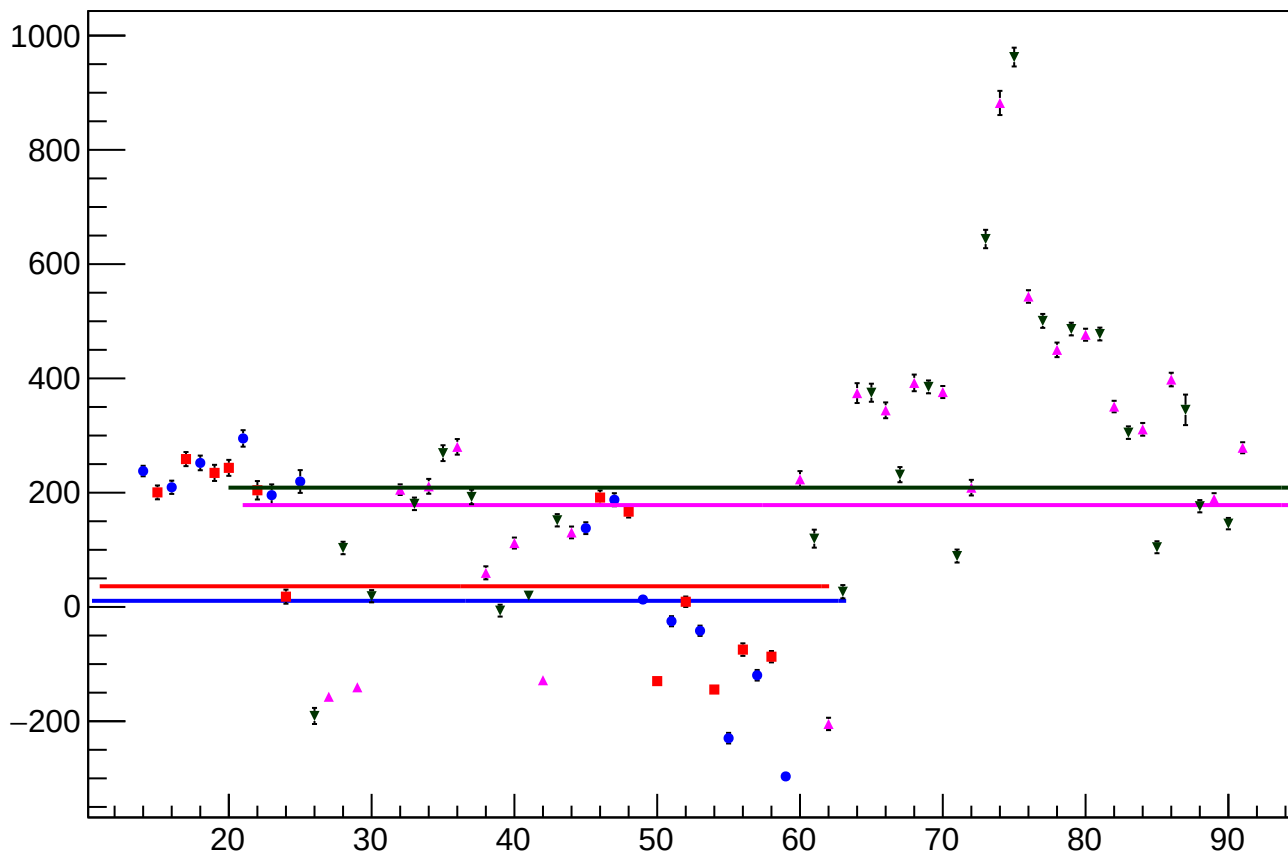
Right Out: -688.309+/-0.452 χ^2/NDF : 12420.8/12

Left In: -616.677+/-0.287 χ^2/NDF : 74269.3/24

-640.799+/-0.241 χ^2/NDF : 105663.8/38

-637.181+/-0.242 χ^2/NDF : 104580.1/37

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 10.723+/-2.637 χ^2 /NDF: 4764.1/13

Left Out: 208.823+/-2.378 χ^2 /NDF: 7749.6/24

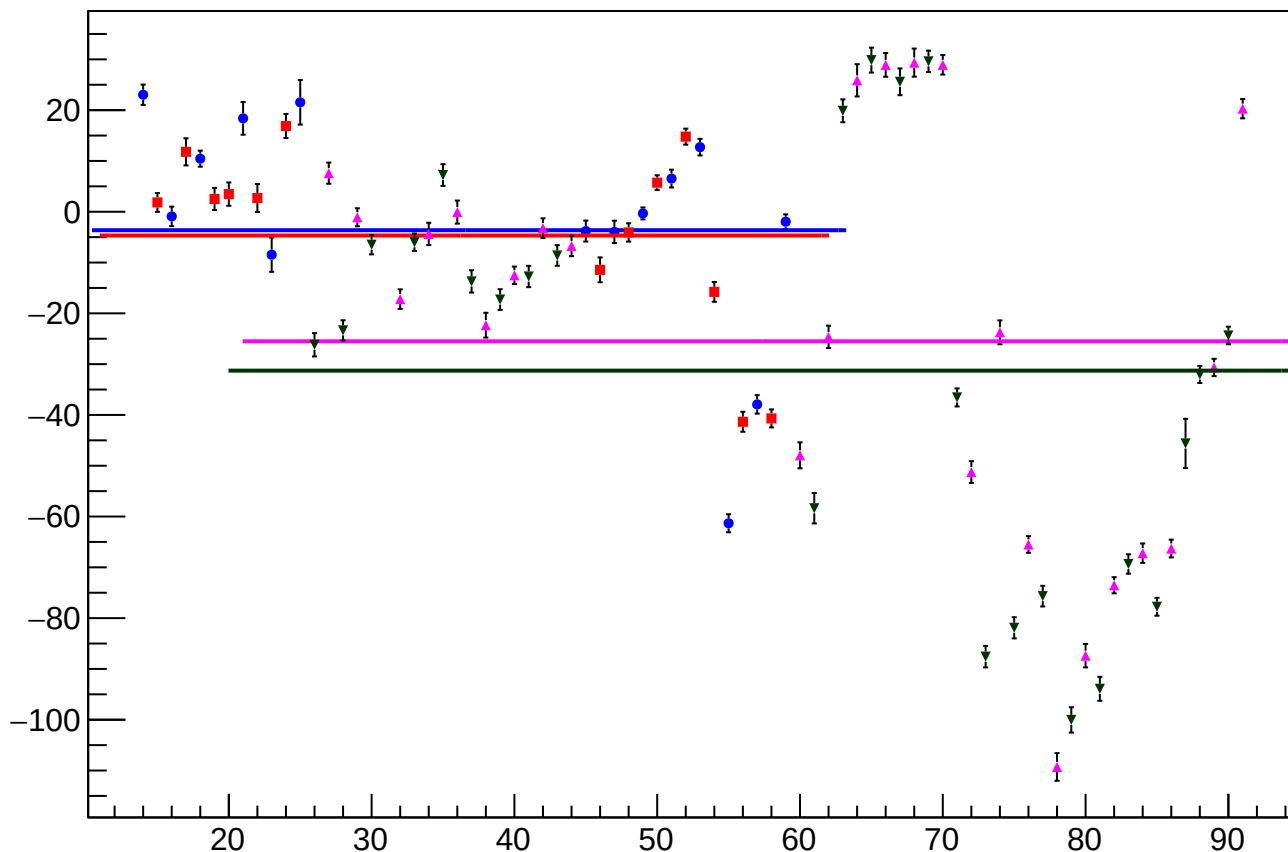
Right Out: 36.204+/-3.038 χ^2 /NDF: 2463.2/12

Left In: 178.284+/-2.190 χ^2 /NDF: 11453.5/24

119.963+/-1.766 χ^2 /NDF: 15625.8/38

129.687+/-1.777 χ^2 /NDF: 15355.8/37

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.637 ± 0.493 $\chi^2/\text{NDF}: 1892.4/13$

Left Out: -31.278 ± 0.418 $\chi^2/\text{NDF}: 7934.7/24$

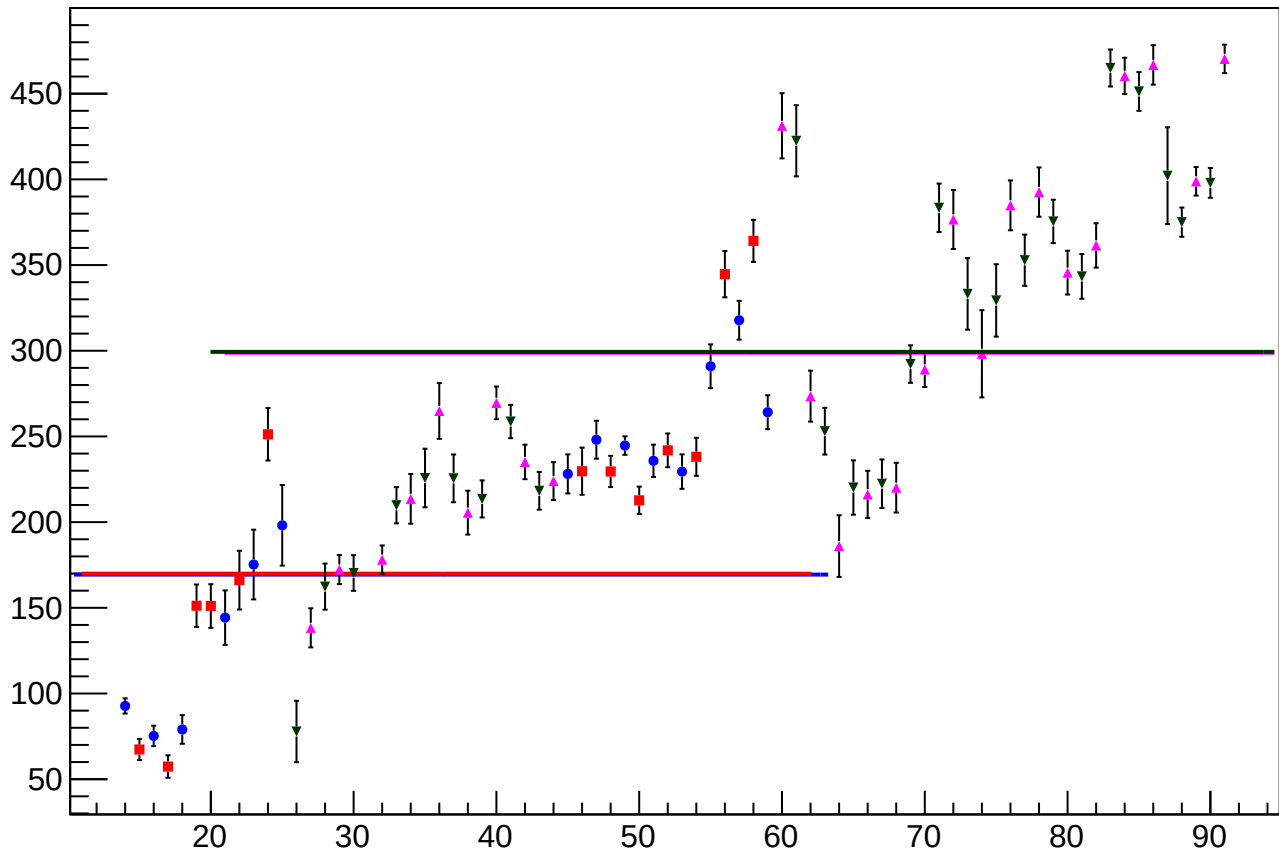
Right Out: -4.679 ± 0.548 $\chi^2/\text{NDF}: 1167.7/12$

Left In: -25.503 ± 0.408 $\chi^2/\text{NDF}: 7972.0/24$

-19.707 ± 0.319 $\chi^2/\text{NDF}: 11657.3/38$

-18.072 ± 0.327 $\chi^2/\text{NDF}: 10068.5/37$

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 169.392 $\pm$ 2.253 χ^2 /NDF: 1380.4/13

Left Out: 299.347 $\pm$ 2.512 χ^2 /NDF:1501.8/24

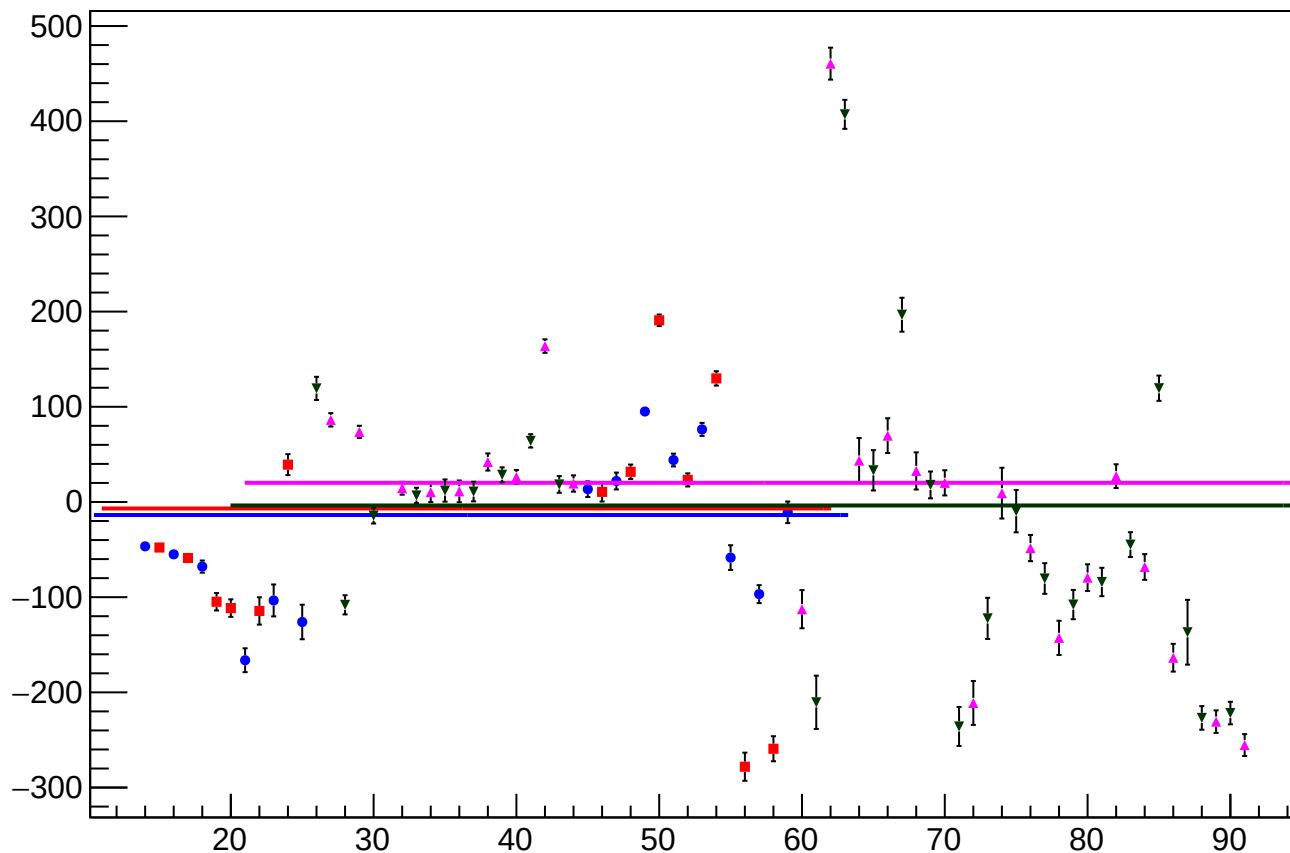
Right Out: 169.925 $\pm$ 2.734 χ^2 /NDF: 1206.2/12

Left In: 298.835 $\pm$ 2.346 χ^2 /NDF:2126.3/24

227.317 $\pm$ 1.677 χ^2 /NDF: 4365.7/38

244.172 $\pm$ 1.780 χ^2 /NDF: 4613.4/37

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -13.693 ± 1.746 $\chi^2/\text{NDF}: 1413.5/13$

Left Out: -3.669 ± 2.397 $\chi^2/\text{NDF}: 2278.4/24$

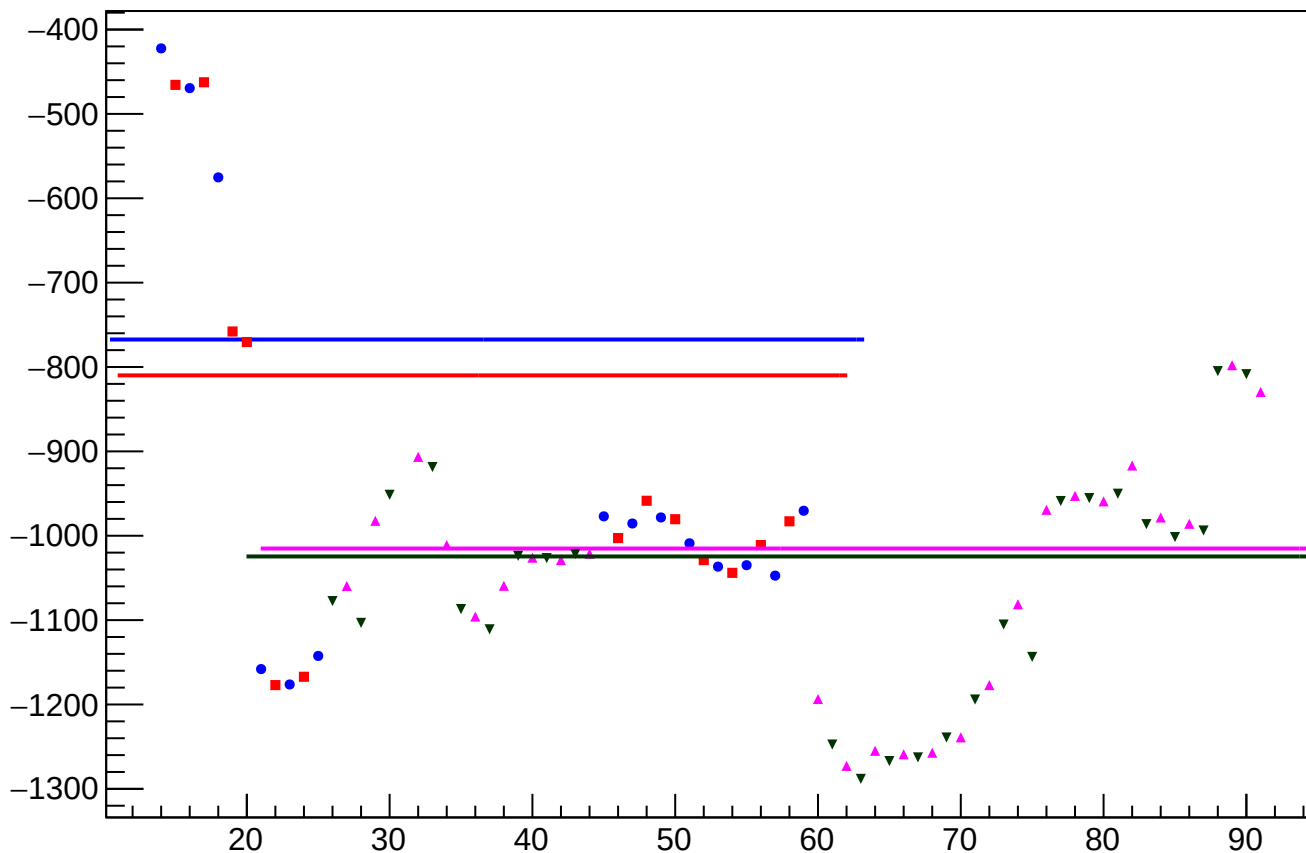
Right Out: -6.836 ± 2.107 $\chi^2/\text{NDF}: 2641.4/12$

Left In: 20.127 ± 2.161 $\chi^2/\text{NDF}: 2799.1/24$

-10.220 ± 1.411 $\chi^2/\text{NDF}: 3703.4/38$

6.300 ± 1.509 $\chi^2/\text{NDF}: 5520.3/37$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -767.408+/-0.423 χ^2/NDF : 437193.0/13

Left Out: -1024.531+/-0.447 χ^2/NDF : 99887.6/24

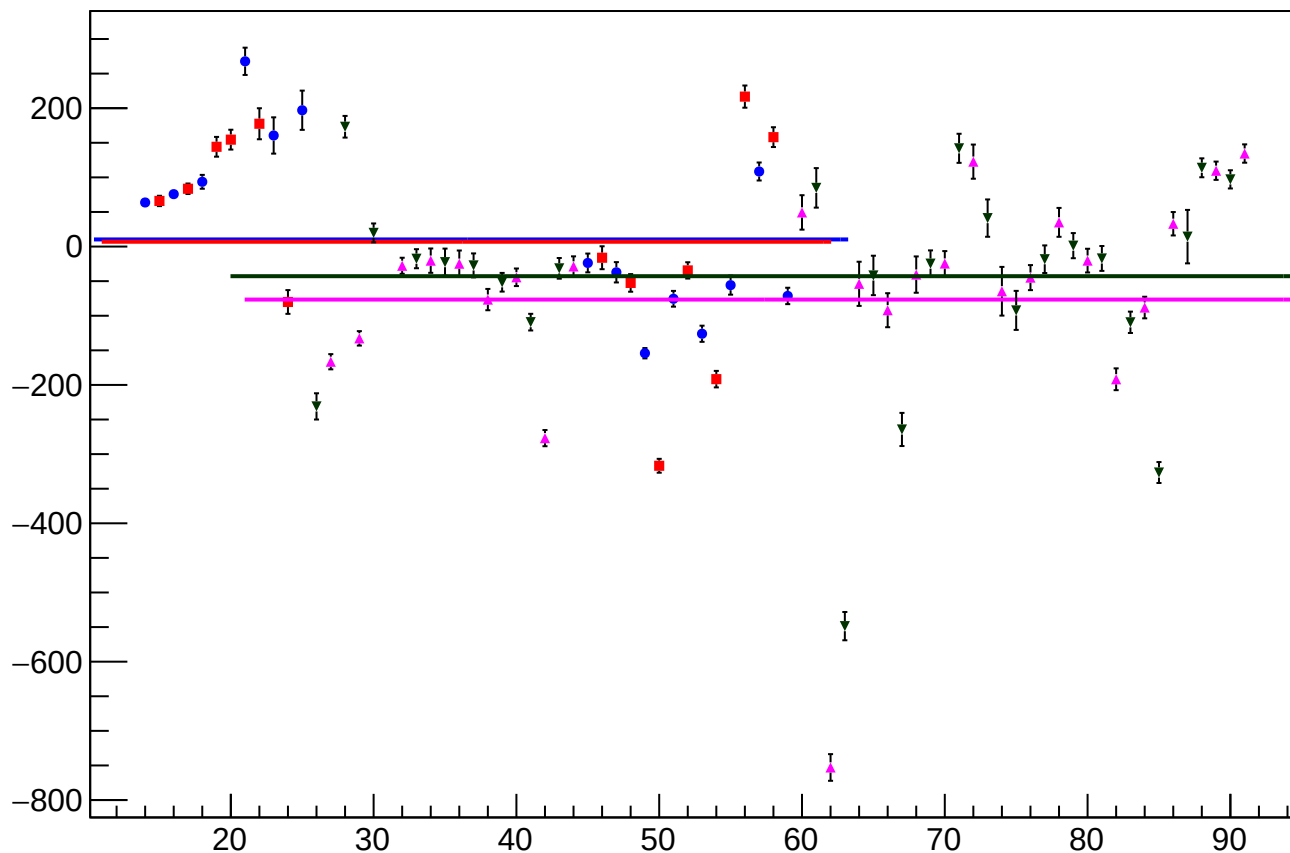
Right Out: -809.909+/-0.502 χ^2/NDF : 265522.2/12

Left In: -1015.162+/-0.419 χ^2/NDF : 101709.7/24

-888.836+/-0.307 χ^2/NDF : 711569.2/38

-930.835+/-0.322 χ^2/NDF : 465639.8/37

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 10.288 $\pm$ 2.713 χ^2 /NDF: 1335.0/13

Left Out: -42.827 $\pm$ 3.459 χ^2 /NDF:1780.9/24

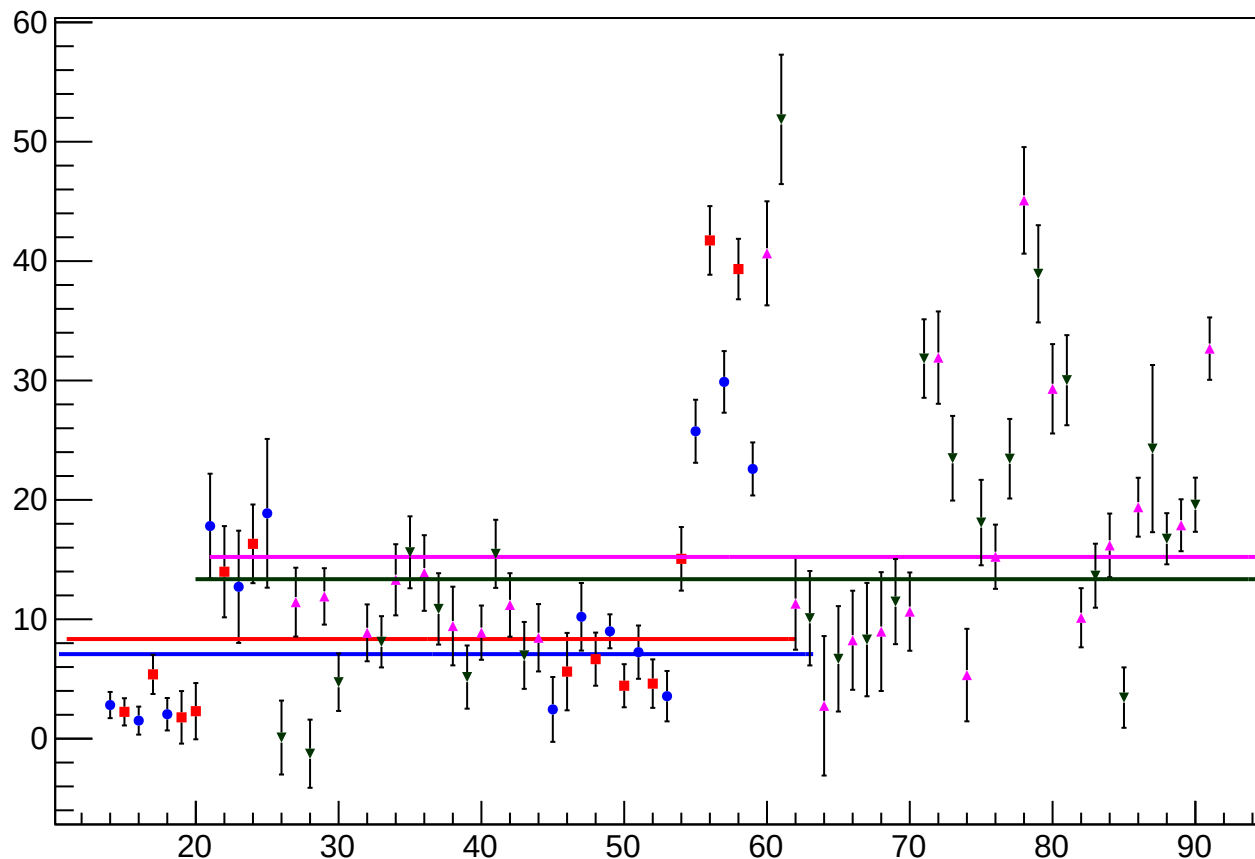
Right Out: 6.970 $\pm$ 3.277 χ^2 /NDF: 2084.9/12

Left In: -76.608 $\pm$ 3.177 χ^2 /NDF:2365.9/24

-9.941 $\pm$ 2.135 χ^2 /NDF: 3261.9/38

-36.107 $\pm$ 2.281 χ^2 /NDF: 4786.1/37

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 7.081 ± 0.506 χ^2/NDF : 247.9/13

Left Out: 13.359 ± 0.608 χ^2/NDF : 272.4/24

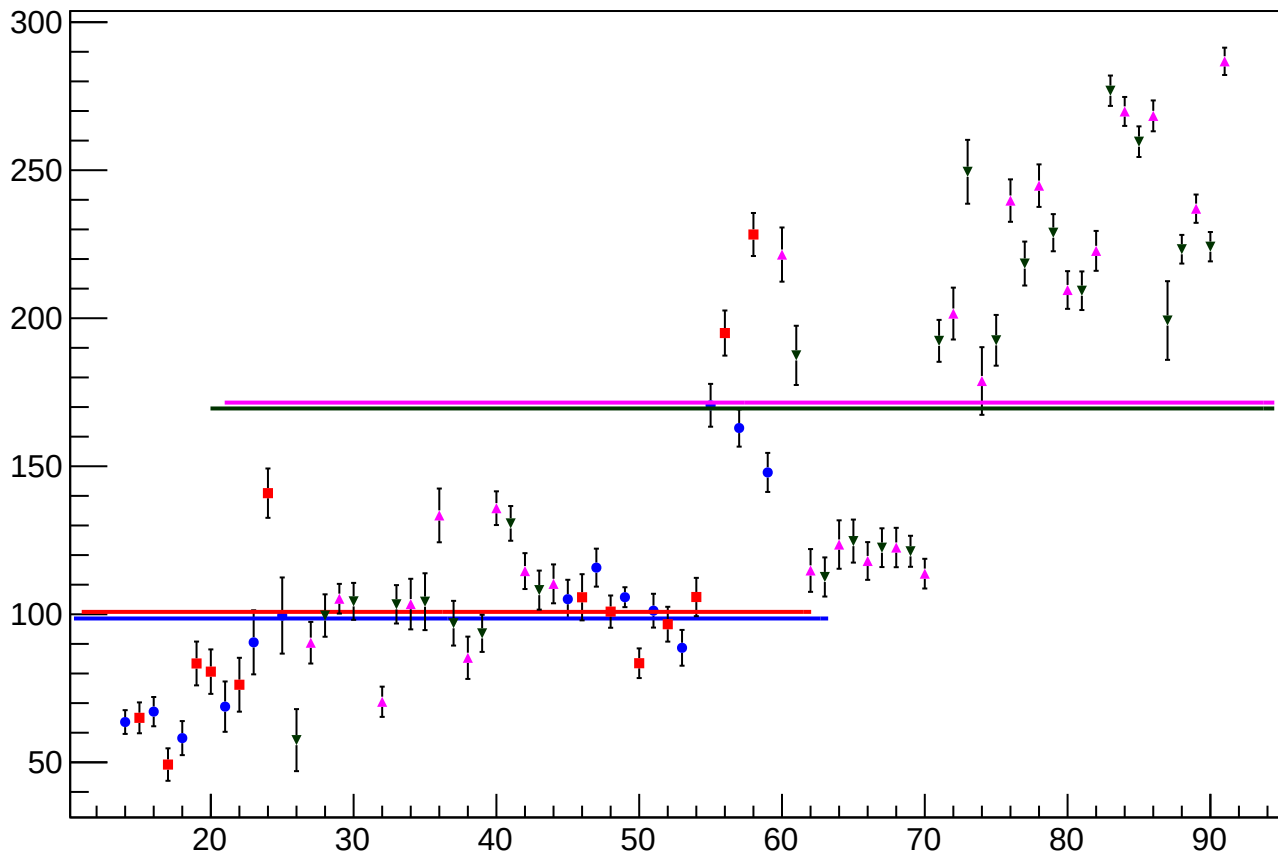
Right Out: 8.345 ± 0.582 χ^2/NDF : 355.8/12

Left In: 15.222 ± 0.598 χ^2/NDF : 213.7/24

9.651 ± 0.389 χ^2/NDF : 583.2/38

11.693 ± 0.417 χ^2/NDF : 637.4/37

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 98.582 $\pm$ 1.537 χ^2 /NDF: 453.9/13

Left Out: 169.522 $\pm$ 1.325 χ^2 /NDF: 2324.2/24

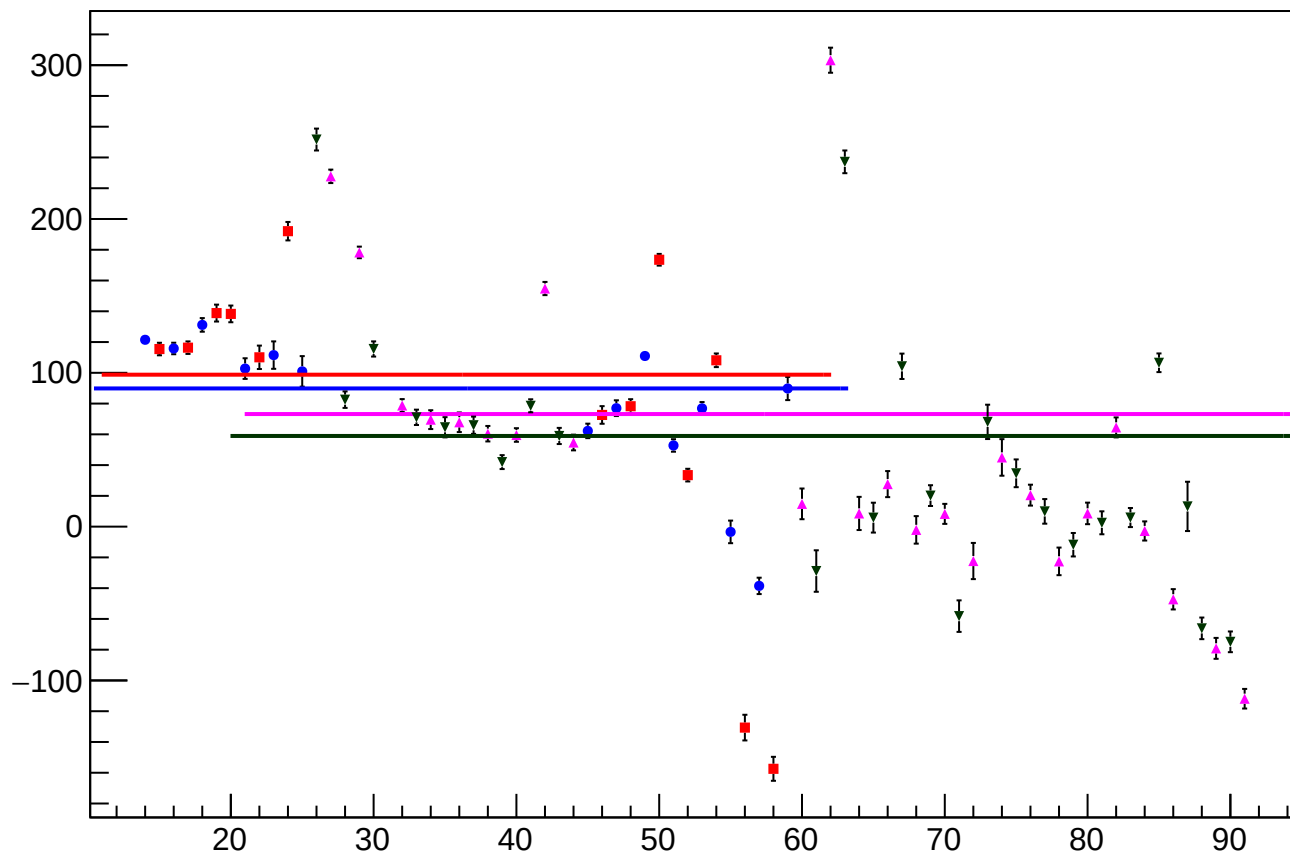
Right Out: 100.815 $\pm$ 1.792 χ^2 /NDF: 652.6/12

Left In: 171.506 $\pm$ 1.256 χ^2 /NDF: 3385.5/24

139.271 $\pm$ 1.004 χ^2 /NDF: 3999.7/38

148.209 $\pm$ 1.029 χ^2 /NDF: 5081.6/37

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 89.841 ± 1.208 $\chi^2/\text{NDF}: 1196.9/13$

Left Out: 58.949 ± 1.310 $\chi^2/\text{NDF}: 2817.3/24$

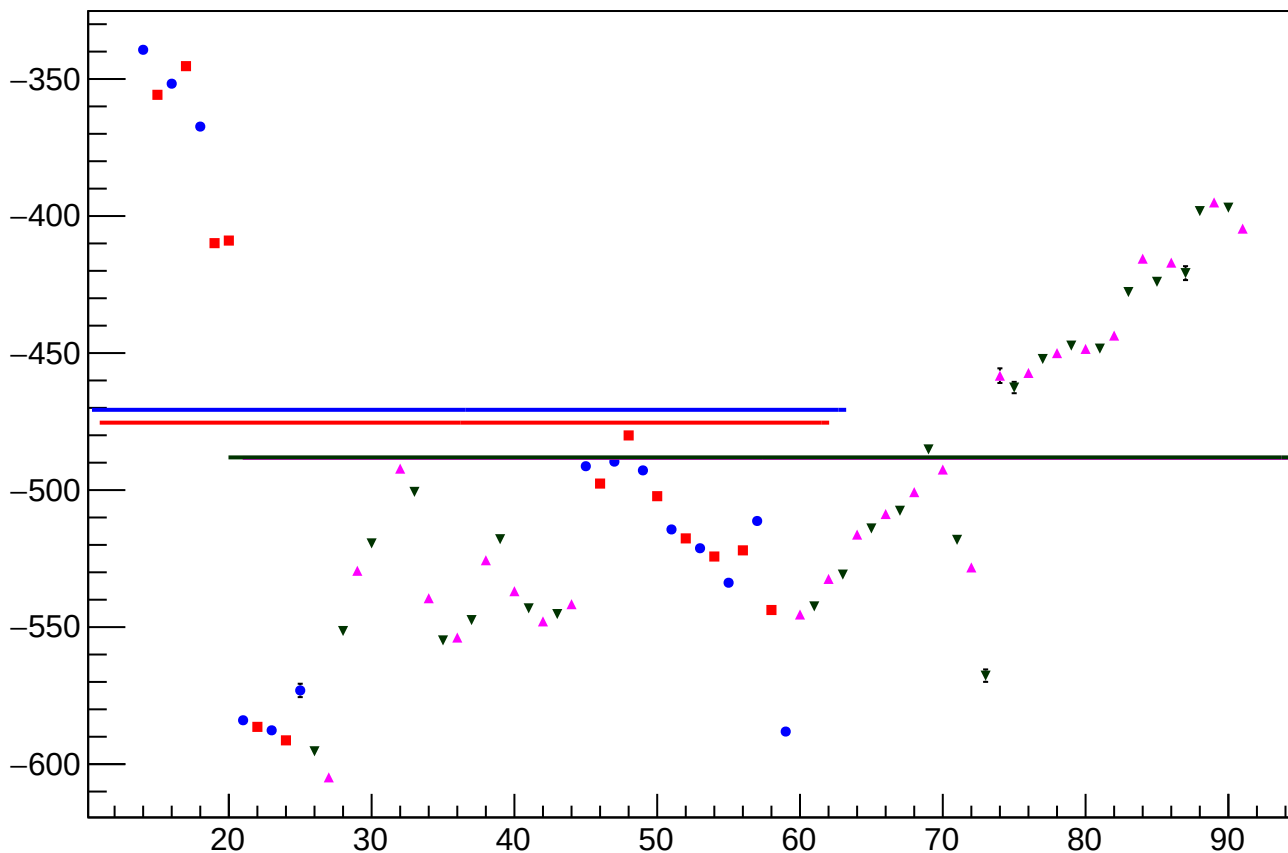
Right Out: 98.780 ± 1.386 $\chi^2/\text{NDF}: 2904.5/12$

Left In: 73.191 ± 1.207 $\chi^2/\text{NDF}: 5645.6/24$

75.645 ± 0.888 $\chi^2/\text{NDF}: 4314.9/38$

84.229 ± 0.910 $\chi^2/\text{NDF}: 8743.9/37$

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -470.711+/-0.284 χ^2/NDF : 83390.7/13

Left Out: -488.074+/-0.238 χ^2/NDF : 53913.6/24

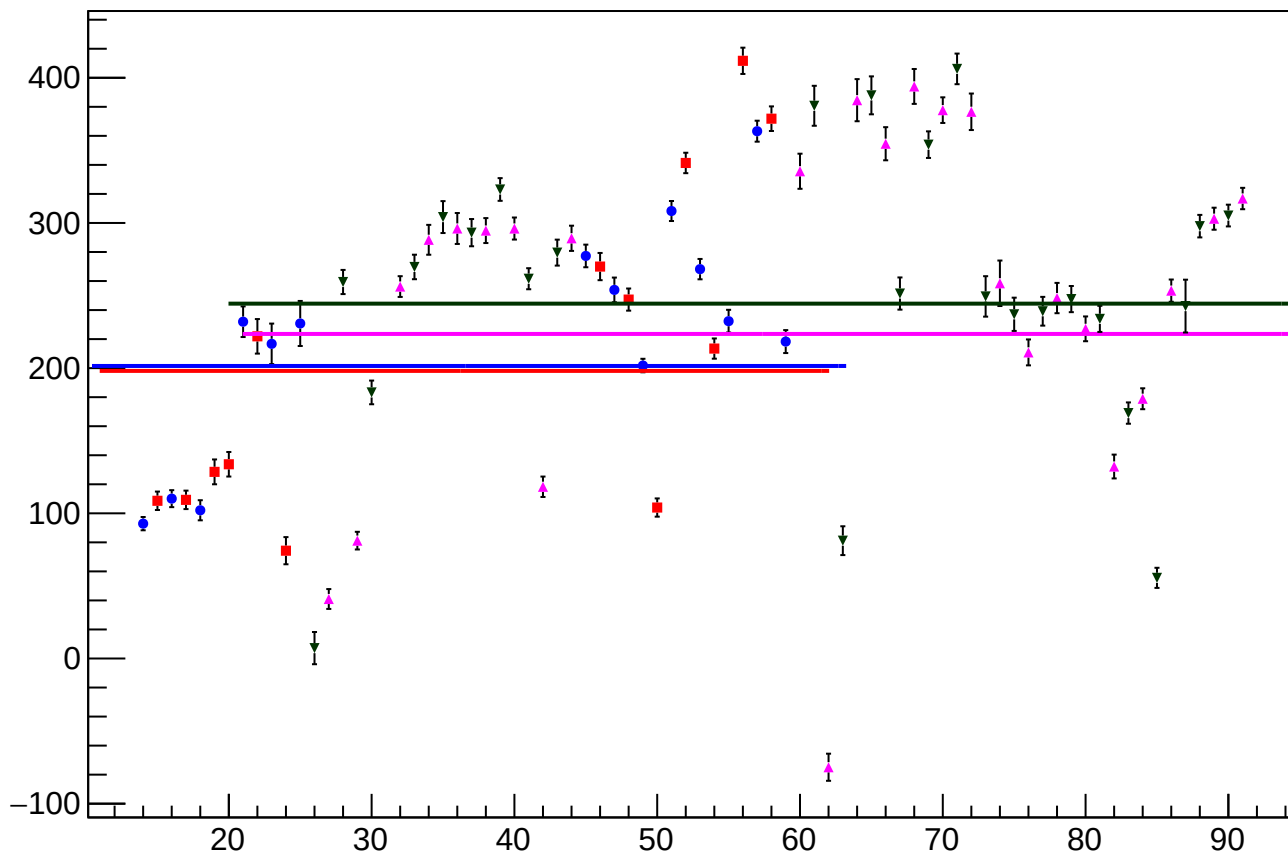
Right Out: -475.395+/-0.325 χ^2/NDF : 52517.8/12

Left In: -488.257+/-0.225 χ^2/NDF : 60449.6/24

-480.931+/-0.182 χ^2/NDF : 139498.1/38

-484.071+/-0.185 χ^2/NDF : 114026.7/37

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 201.498 ± 1.871 χ^2/NDF : 2011.5/13

Left Out: 244.427 ± 1.844 χ^2/NDF : 2535.7/24

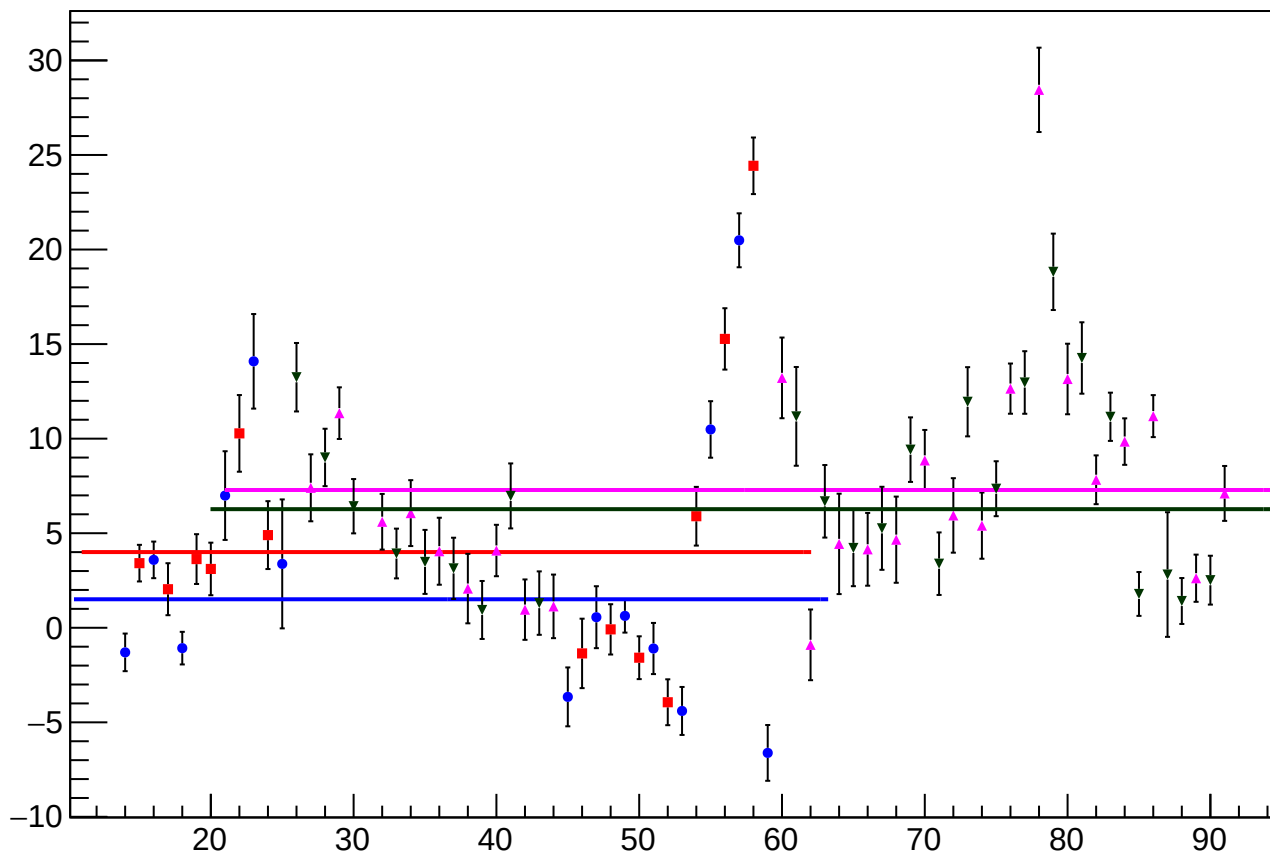
Right Out: 198.103 ± 2.149 χ^2/NDF : 2417.6/12

Left In: 223.558 ± 1.730 χ^2/NDF : 4285.9/24

223.272 ± 1.313 χ^2/NDF : 4814.2/38

213.546 ± 1.348 χ^2/NDF : 6788.6/37

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 1.507 ± 0.343 χ^2/NDF : 333.9/13

Left Out: 6.272 ± 0.322 χ^2/NDF : 198.3/24

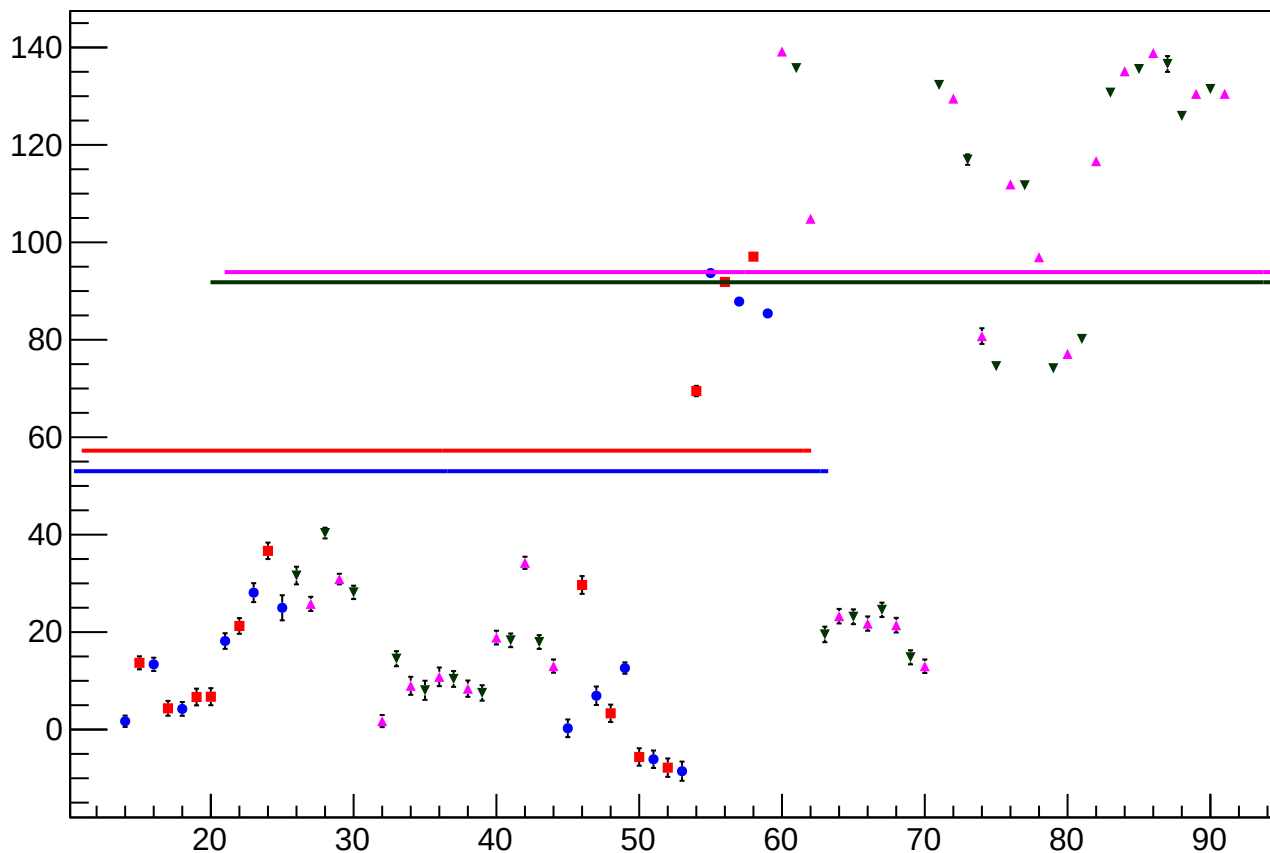
Right Out: 4.003 ± 0.383 χ^2/NDF : 334.1/12

Left In: 7.285 ± 0.318 χ^2/NDF : 238.4/24

4.039 ± 0.235 χ^2/NDF : 634.6/38

5.946 ± 0.245 χ^2/NDF : 615.9/37

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 53.027 ± 0.317 $\chi^2/\text{NDF}: 16662.9/13$

Left Out: 91.809 ± 0.195 $\chi^2/\text{NDF}: 50760.3/24$

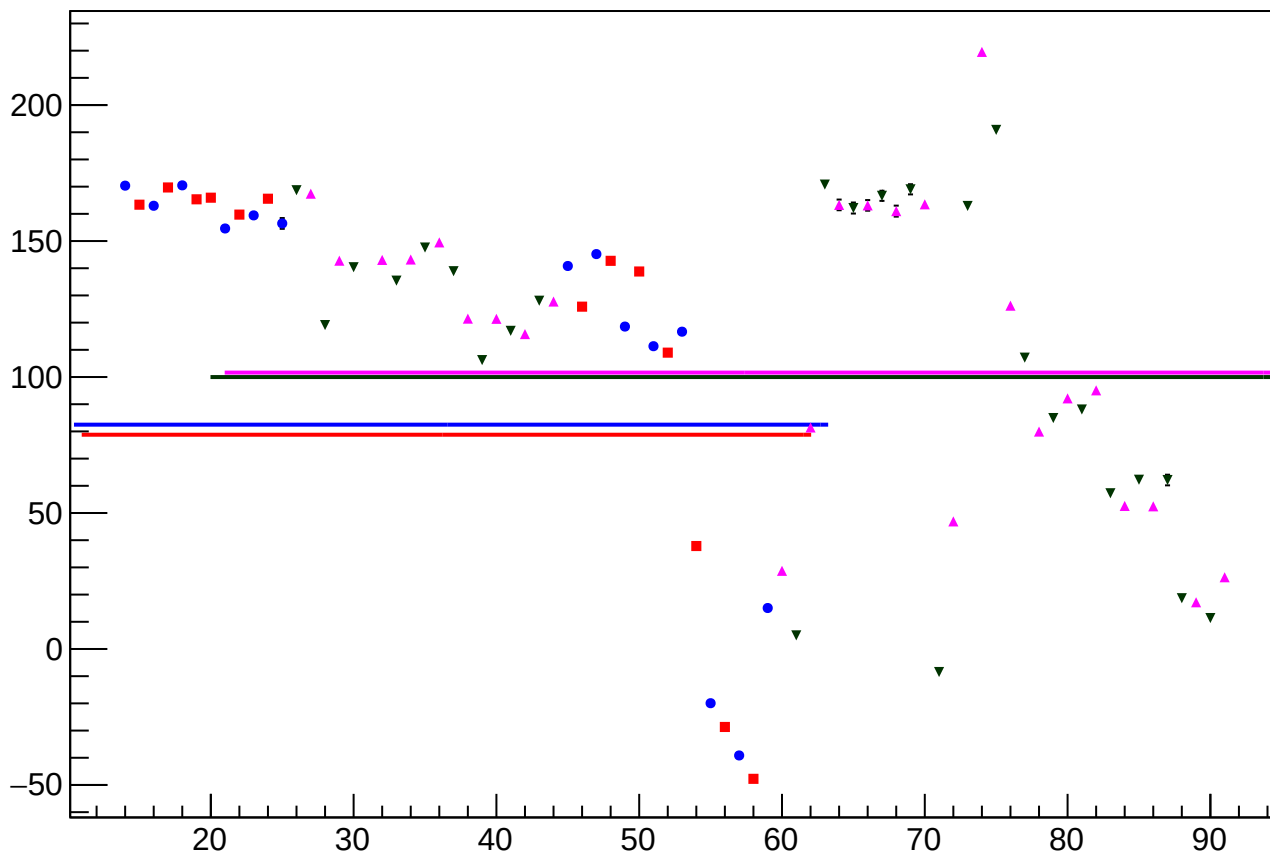
Right Out: 57.243 ± 0.341 $\chi^2/\text{NDF}: 14068.5/12$

Left In: 93.891 ± 0.192 $\chi^2/\text{NDF}: 56911.5/24$

81.143 ± 0.166 $\chi^2/\text{NDF}: 78291.0/38$

85.061 ± 0.167 $\chi^2/\text{NDF}: 79737.0/37$

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 82.484 $\pm$ 0.282 χ^2 /NDF: 88002.2/13

Left Out: 99.987 $\pm$ 0.212 χ^2 /NDF:65400.0/24

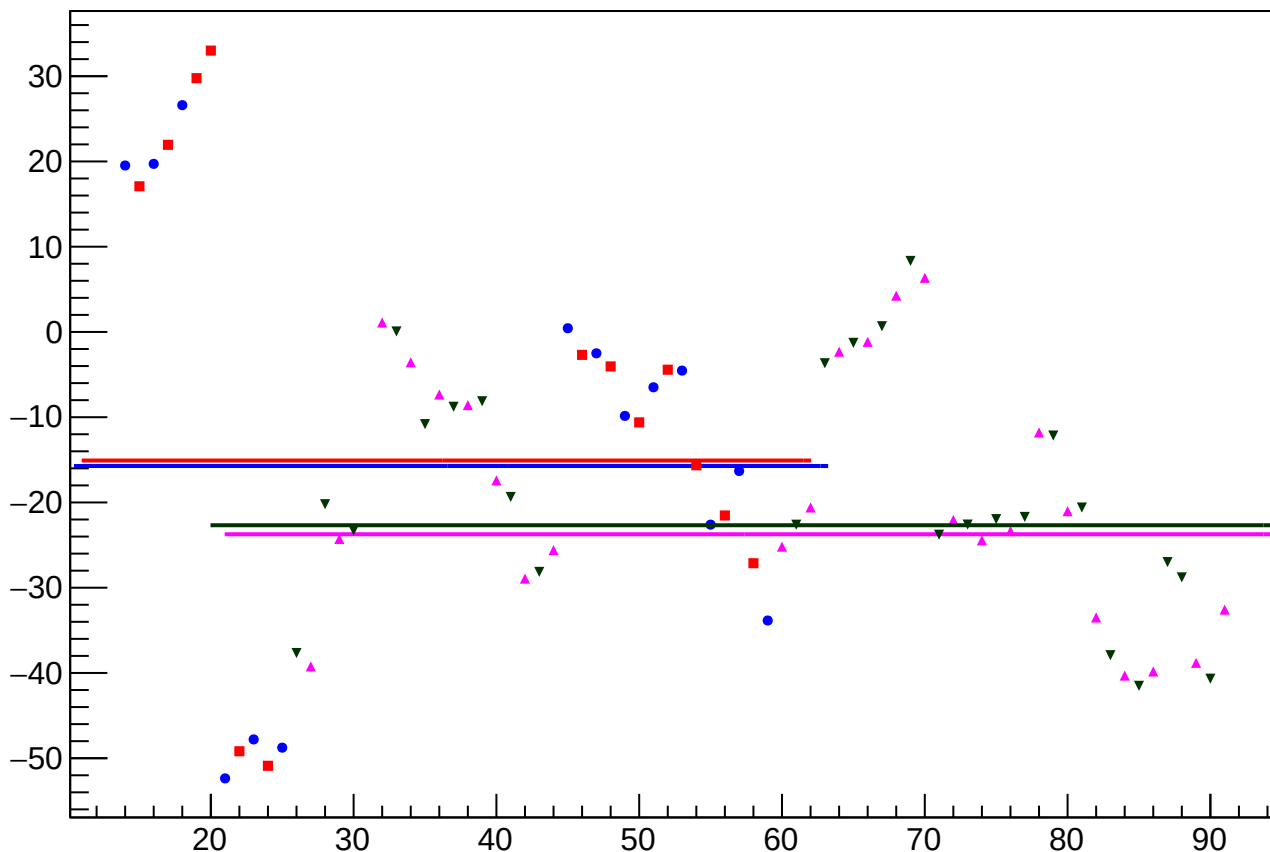
Right Out: 78.783 $\pm$ 0.304 χ^2 /NDF: 87289.3/12

Left In: 101.632 $\pm$ 0.202 χ^2 /NDF:50685.9/24

93.681 $\pm$ 0.169 χ^2 /NDF: 155860.6/38

94.627 $\pm$ 0.168 χ^2 /NDF: 141888.6/37

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -15.726 ± 0.056 $\chi^2/\text{NDF}: 124690.1/13$

Left Out: -22.671 ± 0.037 $\chi^2/\text{NDF}: 109372.0/24$

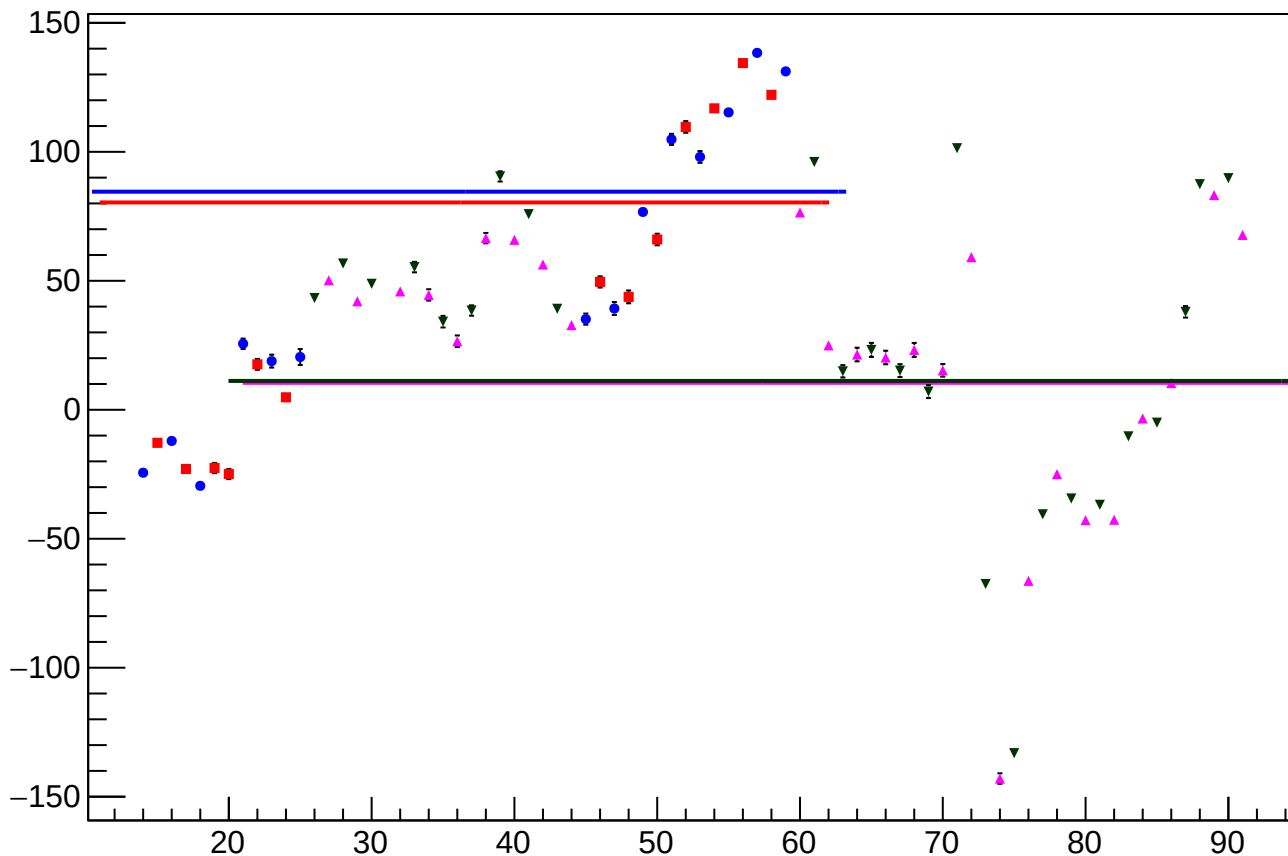
Right Out: -15.079 ± 0.060 $\chi^2/\text{NDF}: 113366.6/12$

Left In: -23.728 ± 0.035 $\chi^2/\text{NDF}: 131726.8/24$

-20.616 ± 0.031 $\chi^2/\text{NDF}: 244751.9/38$

-21.510 ± 0.030 $\chi^2/\text{NDF}: 260475.2/37$

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 84.551 $\pm$ 0.371 χ^2 /NDF: 25933.1/13

Left Out: 11.185 $\pm$ 0.270 χ^2 /NDF: 58024.1/24

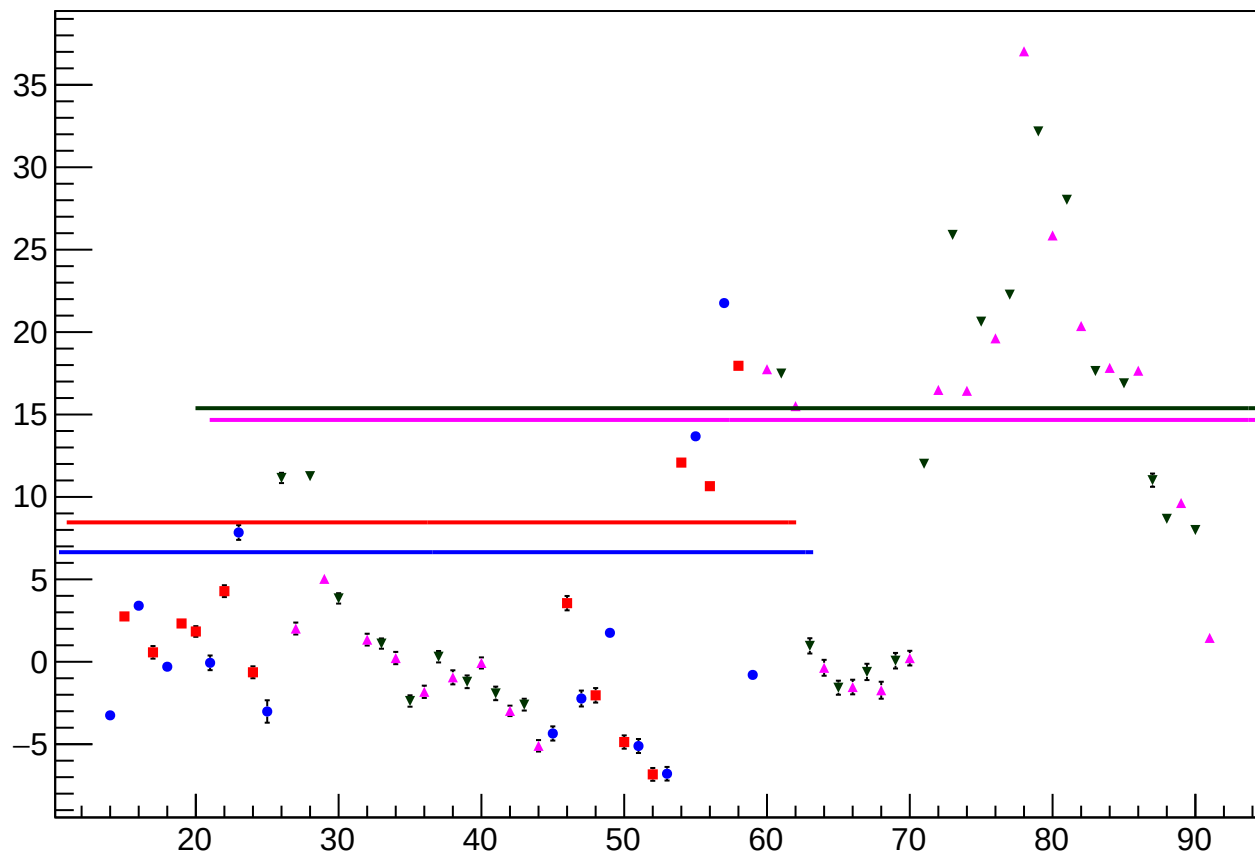
Right Out: 80.374 $\pm$ 0.403 χ^2 /NDF: 23056.1/12

Left In: 10.444 $\pm$ 0.261 χ^2 /NDF: 38347.0/24

36.607 $\pm$ 0.219 χ^2 /NDF: 109457.3/38

31.104 $\pm$ 0.219 χ^2 /NDF: 82593.9/37

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 6.649 ± 0.068 $\chi^2/\text{NDF}: 19360.7/13$

Left Out: 15.384 ± 0.046 $\chi^2/\text{NDF}: 40359.9/24$

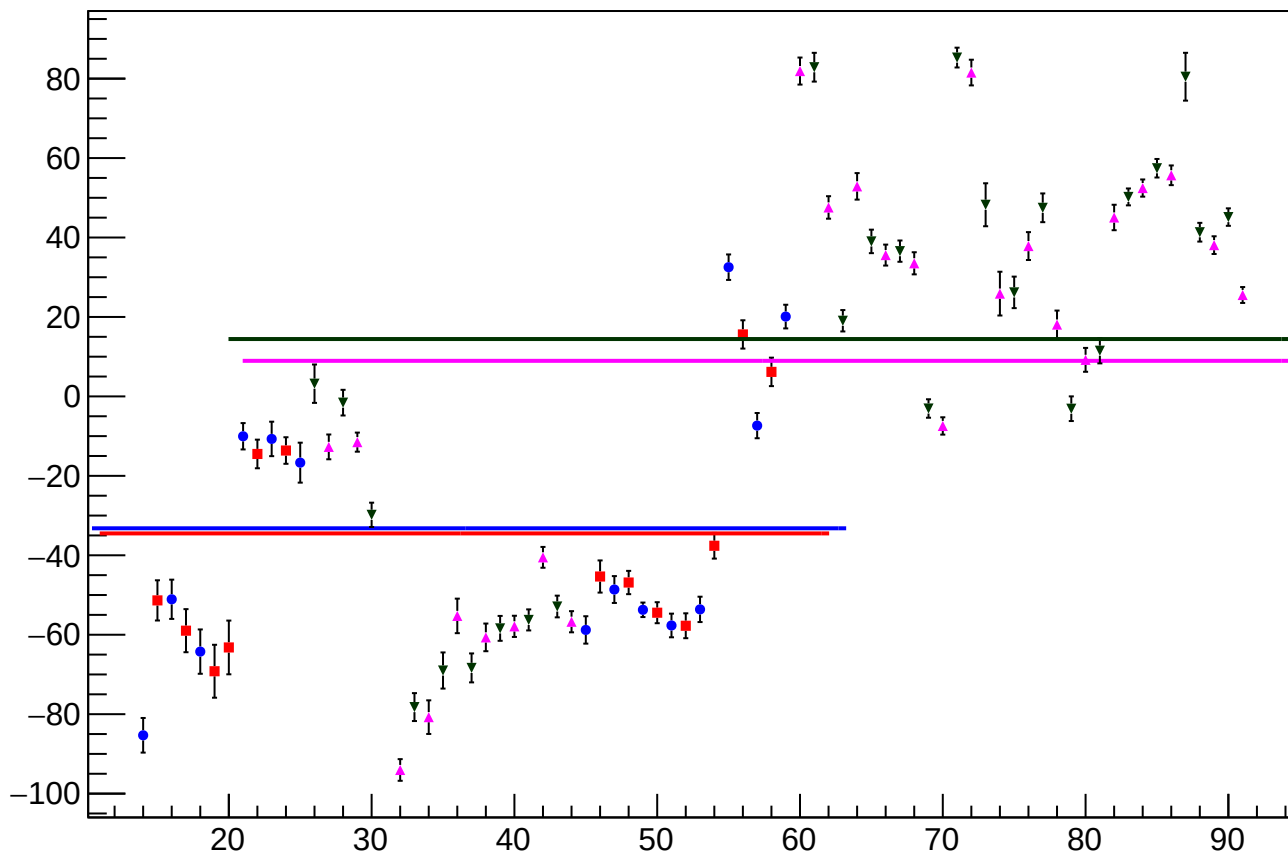
Right Out: 8.456 ± 0.072 $\chi^2/\text{NDF}: 10922.9/12$

Left In: 14.672 ± 0.047 $\chi^2/\text{NDF}: 43564.7/24$

12.644 ± 0.038 $\chi^2/\text{NDF}: 70970.7/38$

12.834 ± 0.039 $\chi^2/\text{NDF}: 59703.0/37$

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -33.204 $\pm$ 0.877 χ^2 /NDF: 1390.3/13

Left Out: 14.442 $\pm$ 0.594 χ^2 /NDF: 6239.8/24

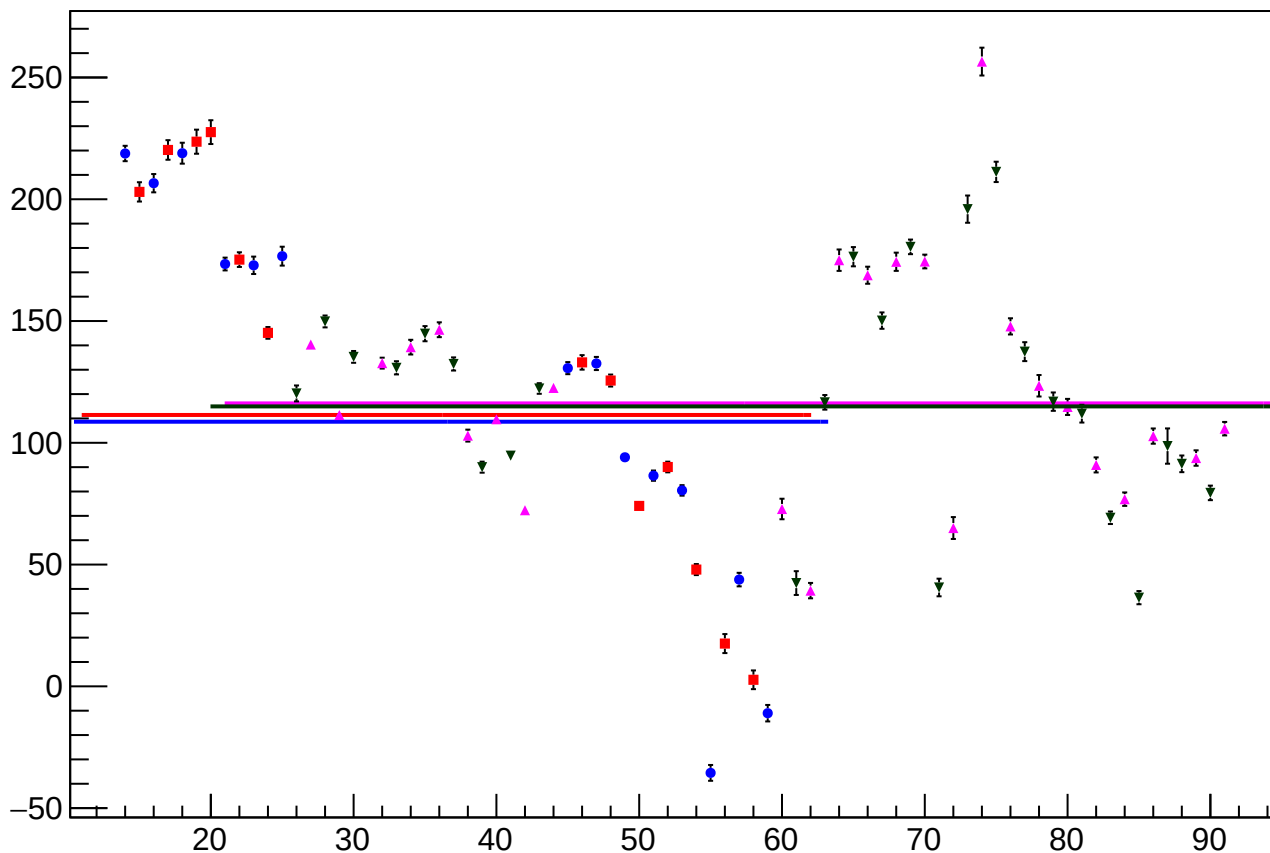
Right Out: -34.492 $\pm$ 1.021 χ^2 /NDF: 610.7/12

Left In: 8.954 $\pm$ 0.565 χ^2 /NDF: 6973.3/24

-0.541 $\pm$ 0.492 χ^2 /NDF: 9655.3/38

-1.213 $\pm$ 0.494 χ^2 /NDF: 8969.7/37

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 108.657 ± 0.709 $\chi^2/\text{NDF}: 8081.9/13$

Left Out: 114.944 ± 0.599 $\chi^2/\text{NDF}: 4287.9/24$

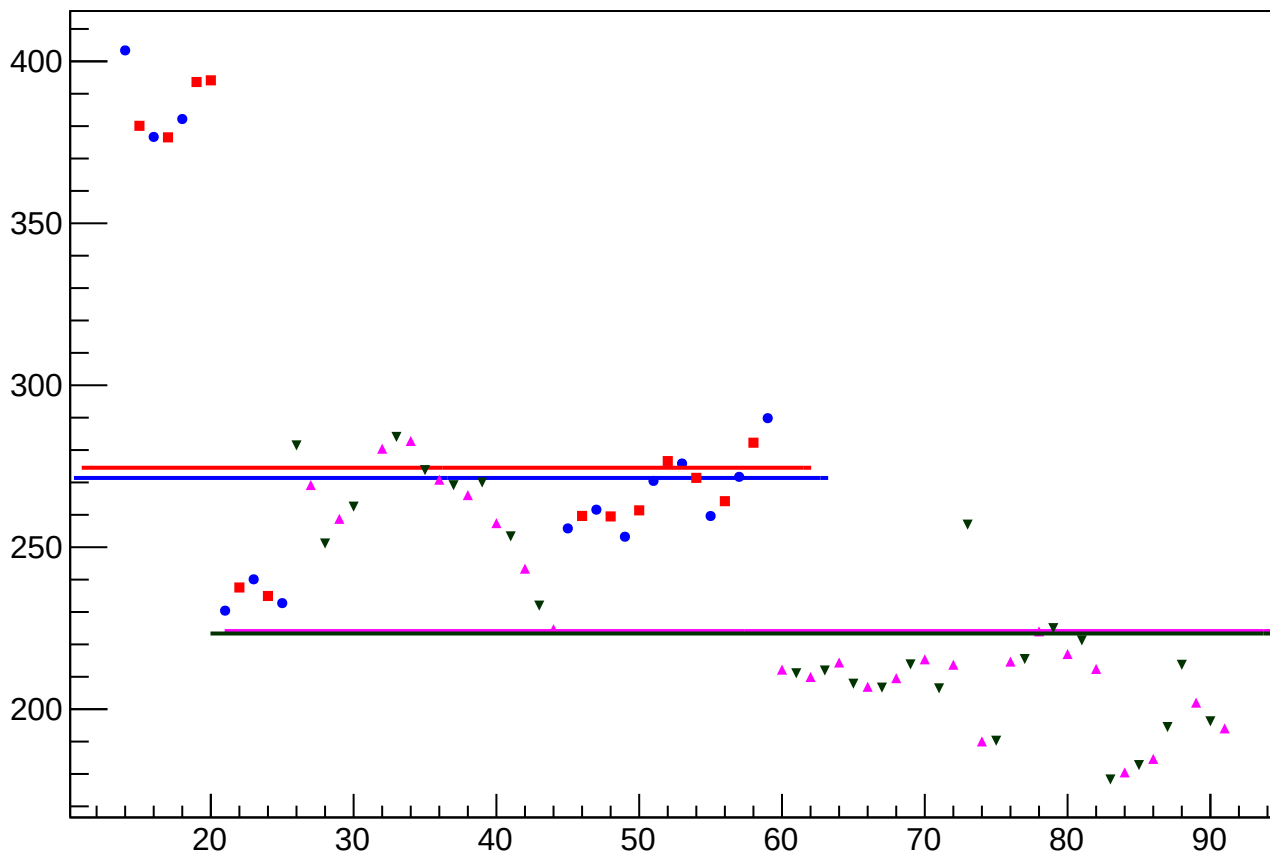
Right Out: 111.428 ± 0.802 $\chi^2/\text{NDF}: 5680.8/12$

Left In: 116.178 ± 0.551 $\chi^2/\text{NDF}: 3928.6/24$

112.323 ± 0.458 $\chi^2/\text{NDF}: 12415.8/38$

114.654 ± 0.454 $\chi^2/\text{NDF}: 9633.2/37$

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 271.385 $\pm$ 0.159 χ^2 /NDF: 60442.4/13

Left Out: 223.363 $\pm$ 0.107 χ^2 /NDF:82406.7/24

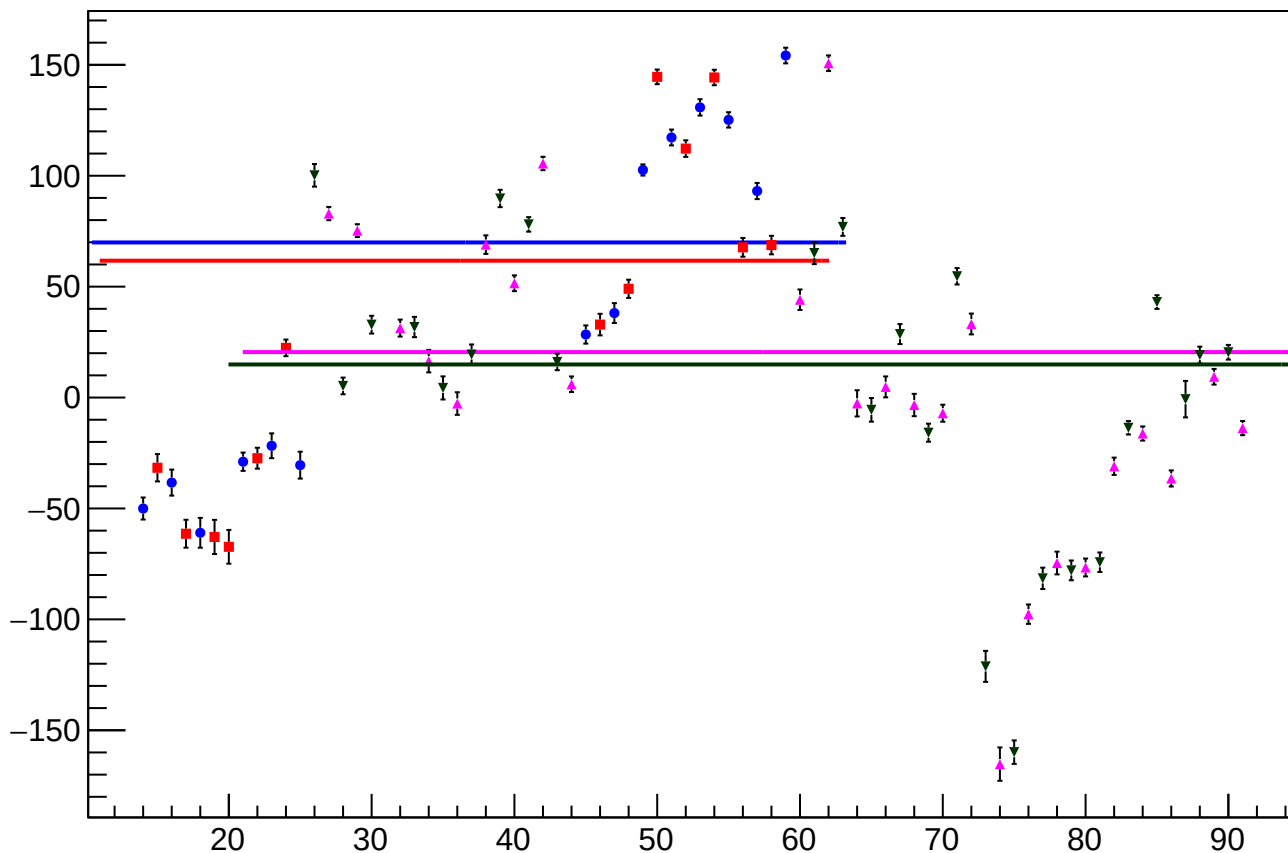
Right Out: 274.539 $\pm$ 0.182 χ^2 /NDF: 47432.4/12

Left In: 224.124 $\pm$ 0.102 χ^2 /NDF:85664.0/24

238.247 $\pm$ 0.089 χ^2 /NDF: 205756.7/38

236.134 $\pm$ 0.089 χ^2 /NDF: 191774.0/37

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 69.926 $\pm$ 1.073 χ^2 /NDF: 4053.7/13

Left Out: 14.918 $\pm$ 0.832 χ^2 /NDF:4491.1/24

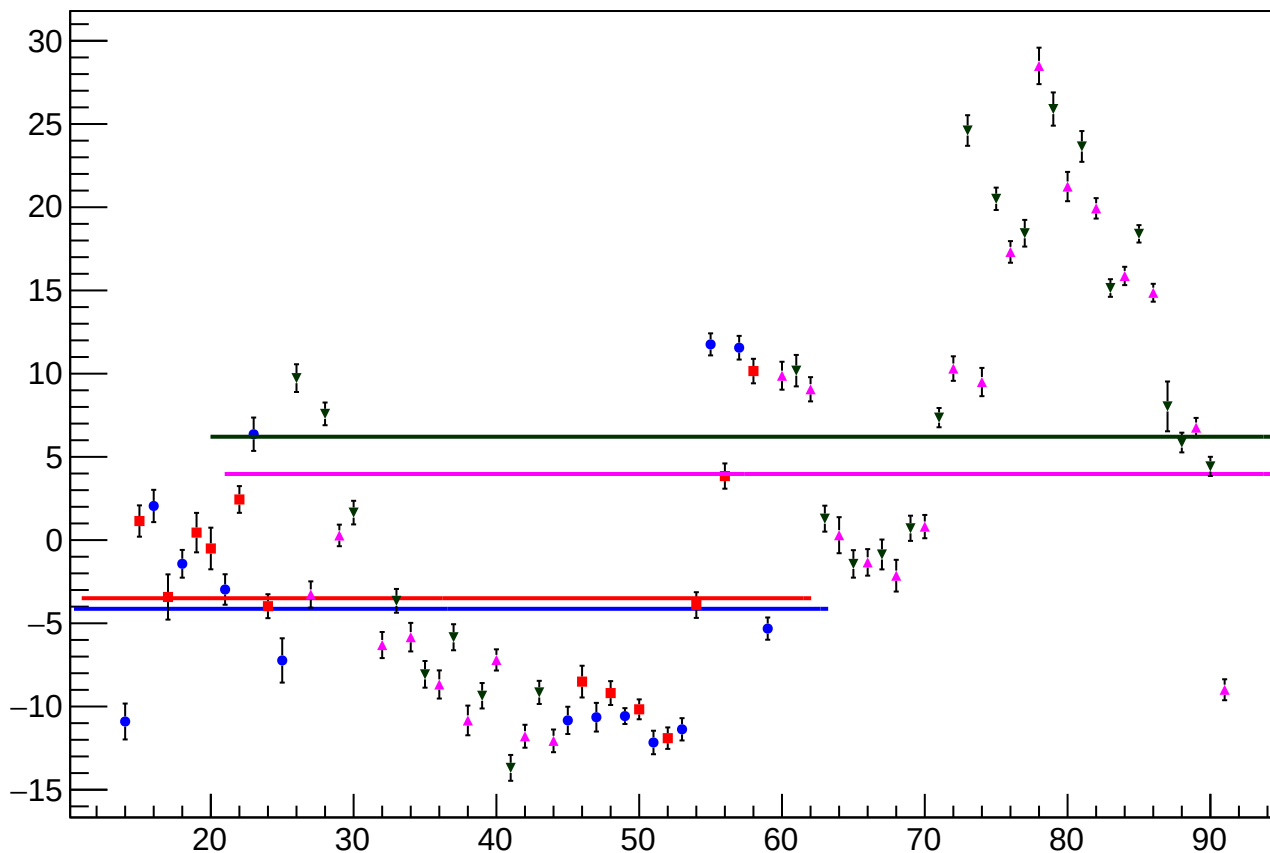
Right Out: 61.703 $\pm$ 1.230 χ^2 /NDF: 3049.0/12

Left In: 20.498 $\pm$ 0.780 χ^2 /NDF:6288.9/24

35.552 $\pm$ 0.657 χ^2 /NDF: 10186.0/38

32.319 $\pm$ 0.659 χ^2 /NDF: 10138.7/37

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -4.130 ± 0.204 $\chi^2/\text{NDF}: 1824.8/13$

Left Out: 6.210 ± 0.146 $\chi^2/\text{NDF}: 5300.0/24$

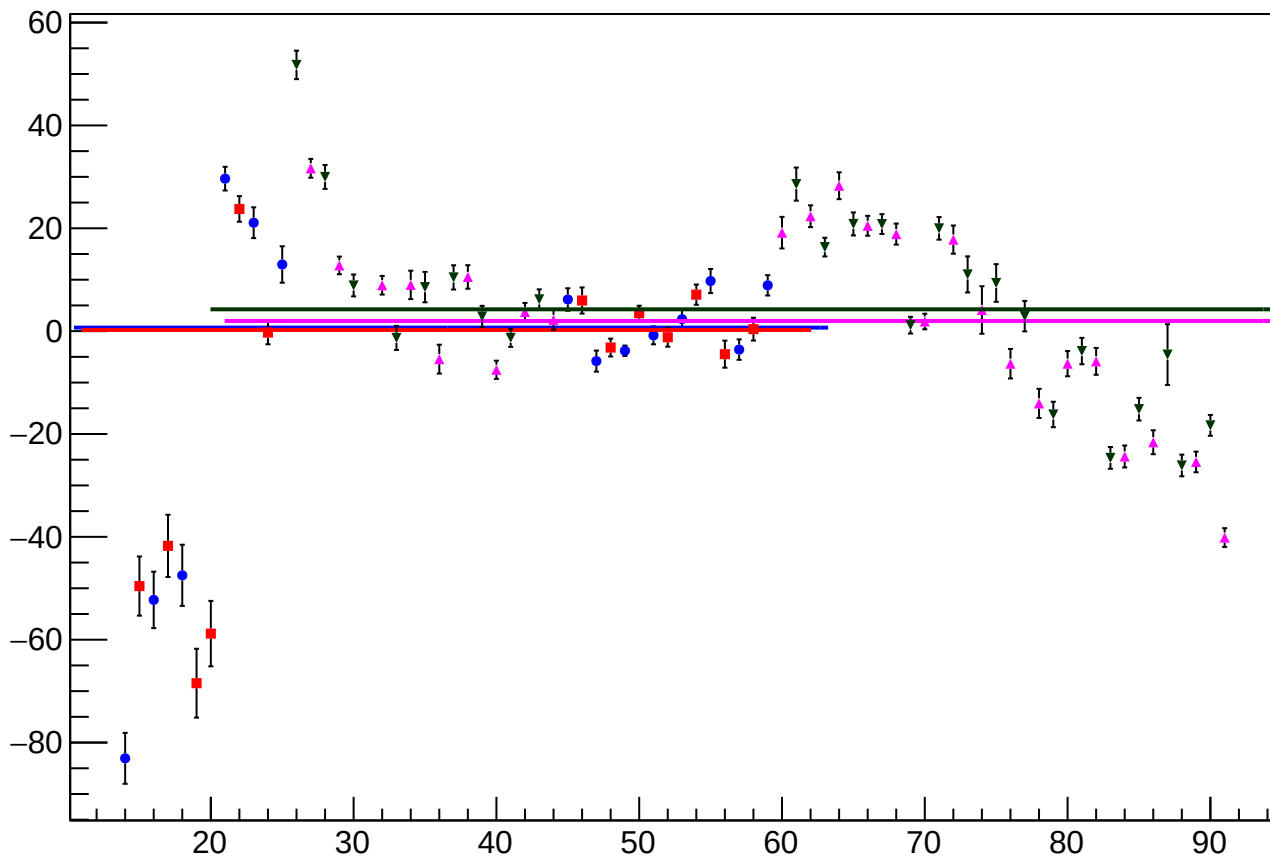
Right Out: -3.493 ± 0.224 $\chi^2/\text{NDF}: 918.3/12$

Left In: 3.972 ± 0.145 $\chi^2/\text{NDF}: 5942.1/24$

2.711 ± 0.119 $\chi^2/\text{NDF}: 8826.9/38$

1.771 ± 0.121 $\chi^2/\text{NDF}: 7646.6/37$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 0.685 ± 0.557 χ^2/NDF : 735.0/13

Left Out: 4.244 ± 0.456 χ^2/NDF : 1416.1/24

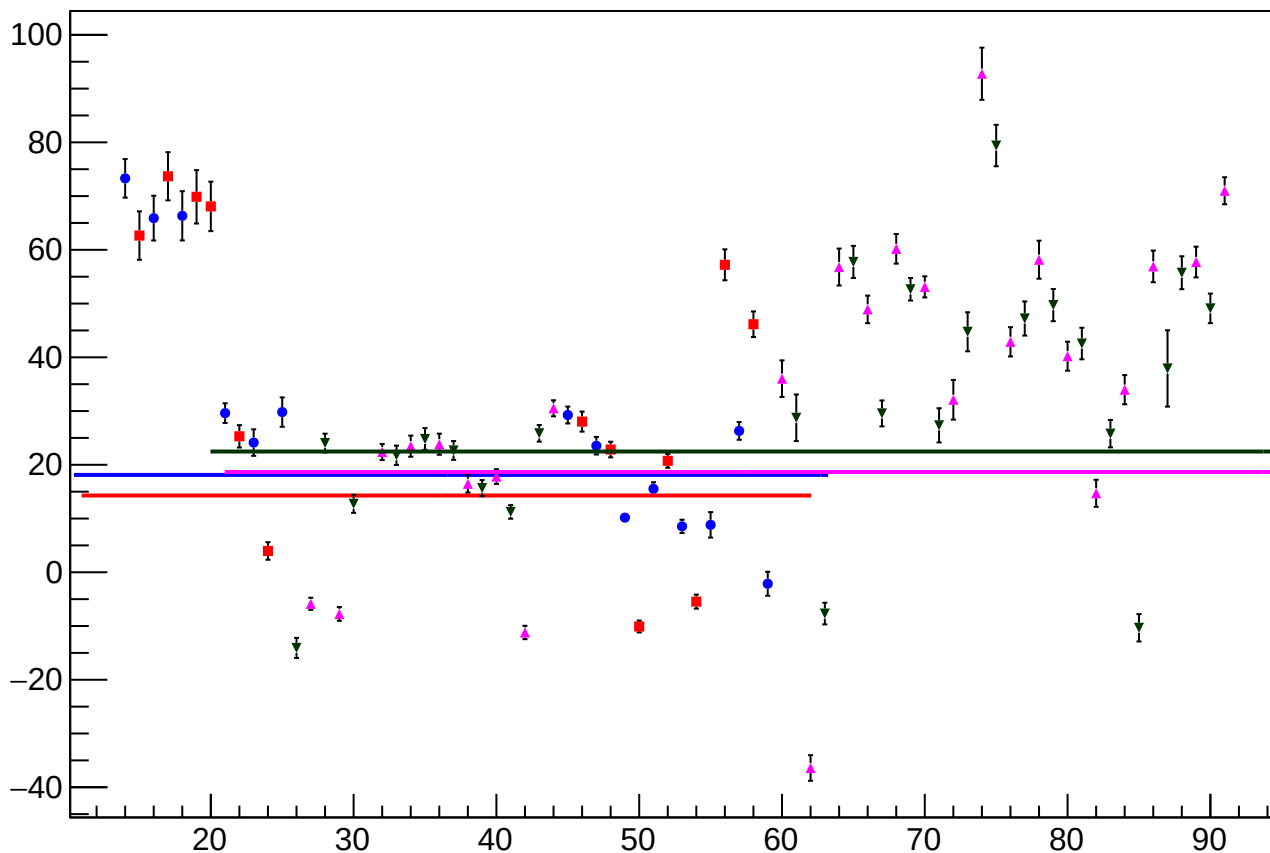
Right Out: 0.236 ± 0.658 χ^2/NDF : 433.8/12

Left In: 1.974 ± 0.430 χ^2/NDF : 1830.5/24

2.813 ± 0.353 χ^2/NDF : 2175.6/38

1.453 ± 0.360 χ^2/NDF : 2269.2/37

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 18.120 $\pm$ 0.446 χ^2 /NDF: 879.1/13

Left Out: 22.469 $\pm$ 0.435 χ^2 /NDF:1936.0/24

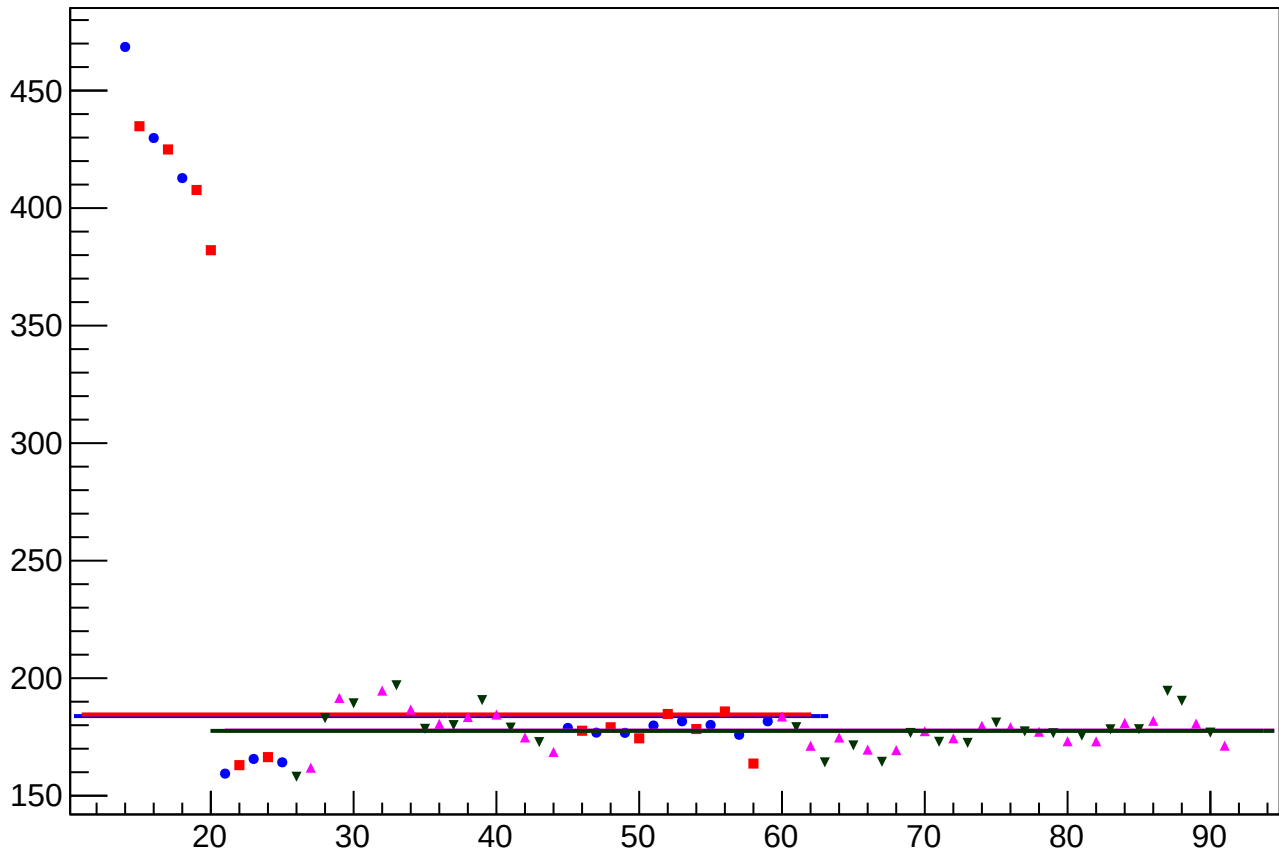
Right Out: 14.282 $\pm$ 0.509 χ^2 /NDF: 1849.2/12

Left In: 18.664 $\pm$ 0.395 χ^2 /NDF:4253.2/24

20.349 $\pm$ 0.312 χ^2 /NDF: 2863.8/38

17.021 $\pm$ 0.312 χ^2 /NDF: 6148.6/37

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 183.878+/-0.101 χ^2/NDF : 189250.2/13

Left Out: 177.590+/-0.081 χ^2/NDF :13210.4/24

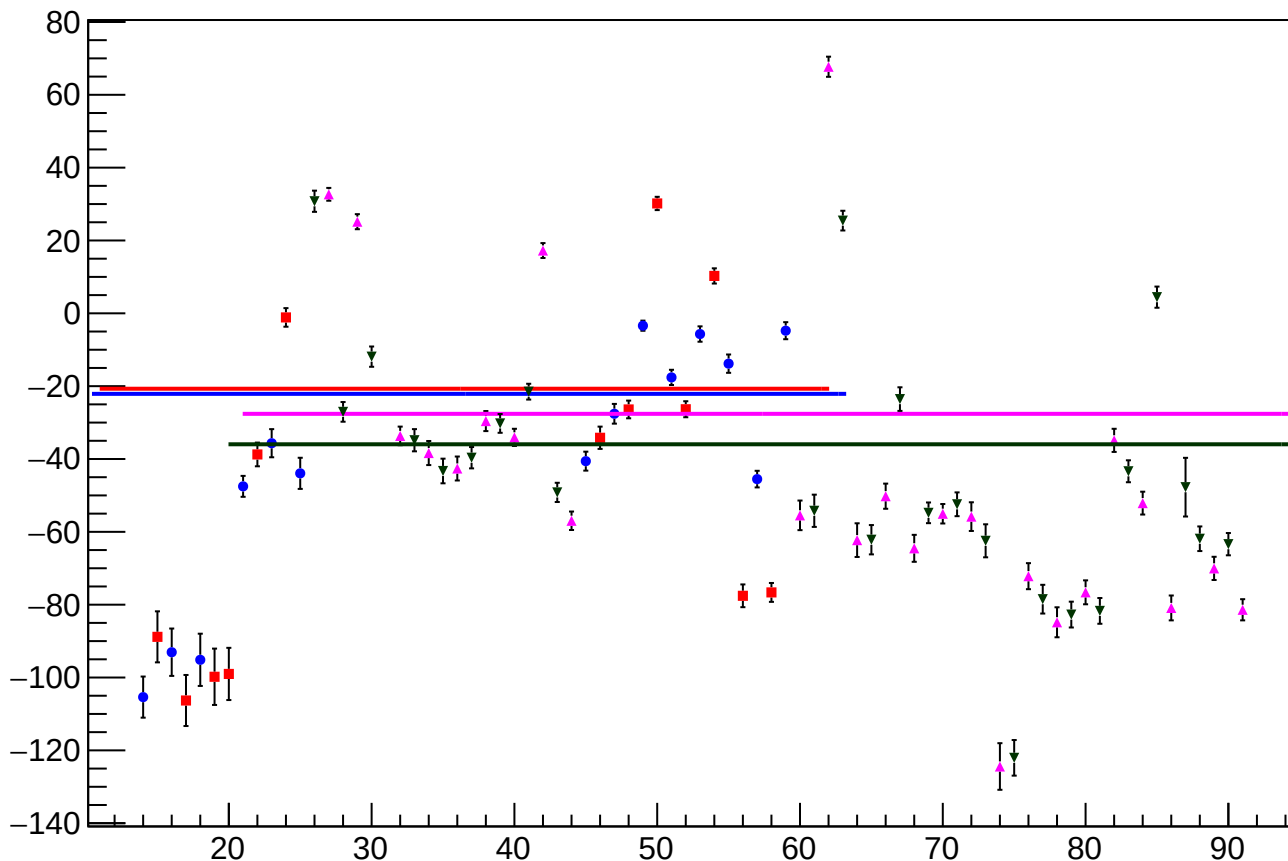
Right Out: 184.573+/-0.116 χ^2/NDF : 156846.2/12

Left In: 177.728+/-0.076 χ^2/NDF :12241.2/24

180.027+/-0.063 χ^2/NDF : 204815.0/38

179.790+/-0.064 χ^2/NDF : 171502.6/37

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -22.112 ± 0.689 $\chi^2/\text{NDF}: 1028.5/13$

Left Out: -35.960 ± 0.630 $\chi^2/\text{NDF}: 2492.2/24$

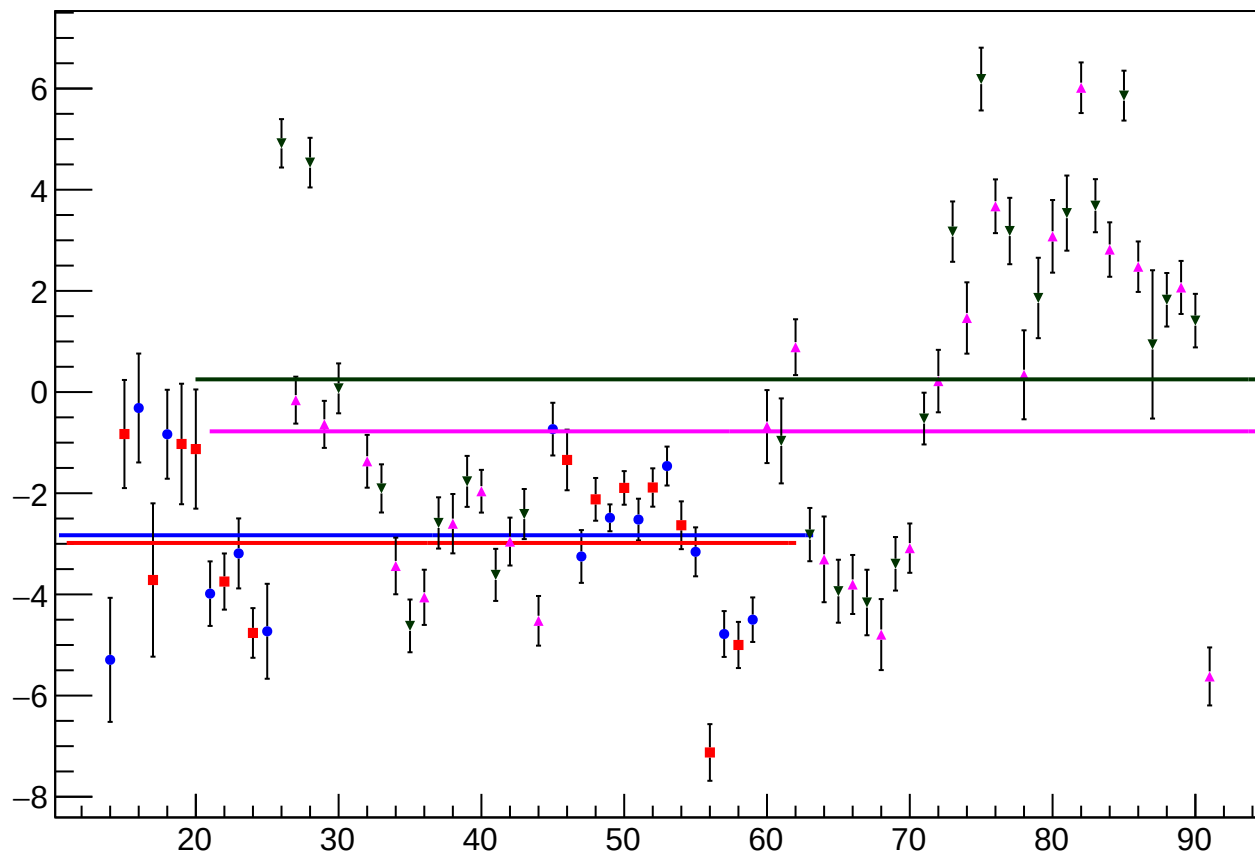
Right Out: -20.705 ± 0.793 $\chi^2/\text{NDF}: 2382.9/12$

Left In: -27.598 ± 0.581 $\chi^2/\text{NDF}: 5702.5/24$

-29.654 ± 0.465 $\chi^2/\text{NDF}: 3740.5/38$

-25.189 ± 0.469 $\chi^2/\text{NDF}: 8134.6/37$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.830 ± 0.132 $\chi^2/\text{NDF}: 87.4/13$

Left Out: 0.251 ± 0.112 $\chi^2/\text{NDF}: 934.7/24$

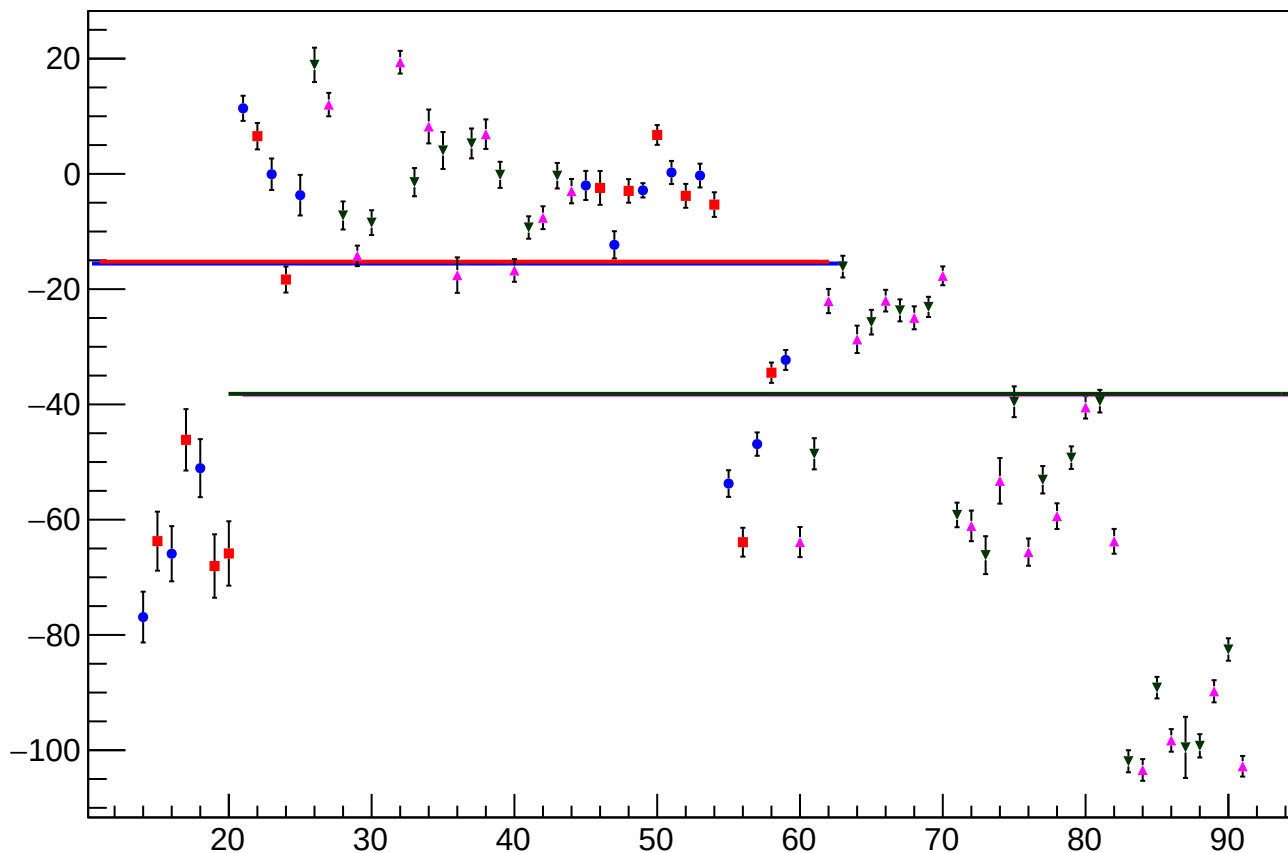
Right Out: -2.983 ± 0.146 $\chi^2/\text{NDF}: 130.0/12$

Left In: -0.777 ± 0.110 $\chi^2/\text{NDF}: 744.5/24$

-1.028 ± 0.085 $\chi^2/\text{NDF}: 1338.6/38$

-1.581 ± 0.088 $\chi^2/\text{NDF}: 1019.9/37$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -15.552 ± 0.598 $\chi^2/\text{NDF}: 1408.5/13$

Left Out: -38.170 ± 0.445 $\chi^2/\text{NDF}: 6167.0/24$

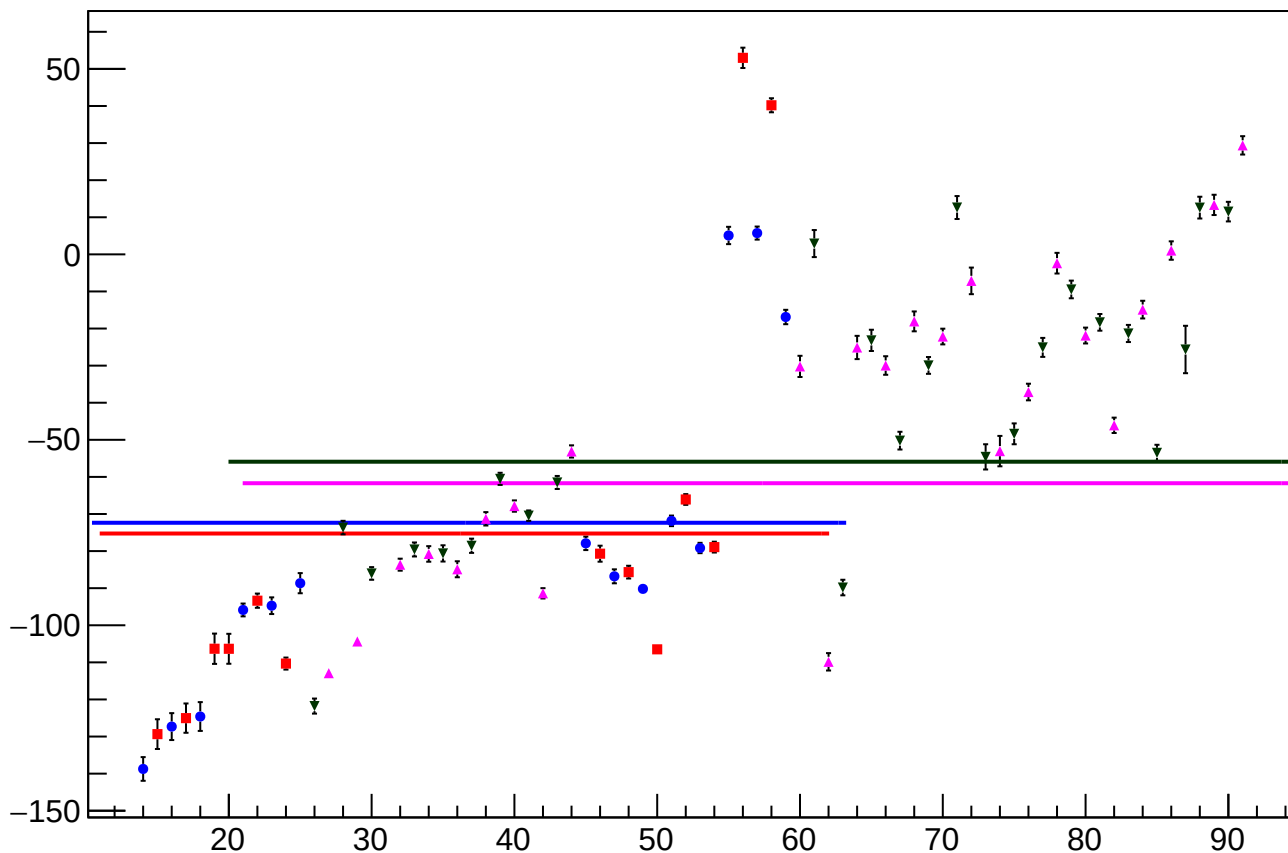
Right Out: -15.235 ± 0.681 $\chi^2/\text{NDF}: 1159.4/12$

Left In: -38.305 ± 0.424 $\chi^2/\text{NDF}: 7952.6/24$

-30.122 ± 0.357 $\chi^2/\text{NDF}: 8496.5/38$

-31.873 ± 0.360 $\chi^2/\text{NDF}: 9939.1/37$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -72.364 ± 0.488 $\chi^2/\text{NDF}: 5431.3/13$

Left Out: -55.904 ± 0.439 $\chi^2/\text{NDF}: 5548.8/24$

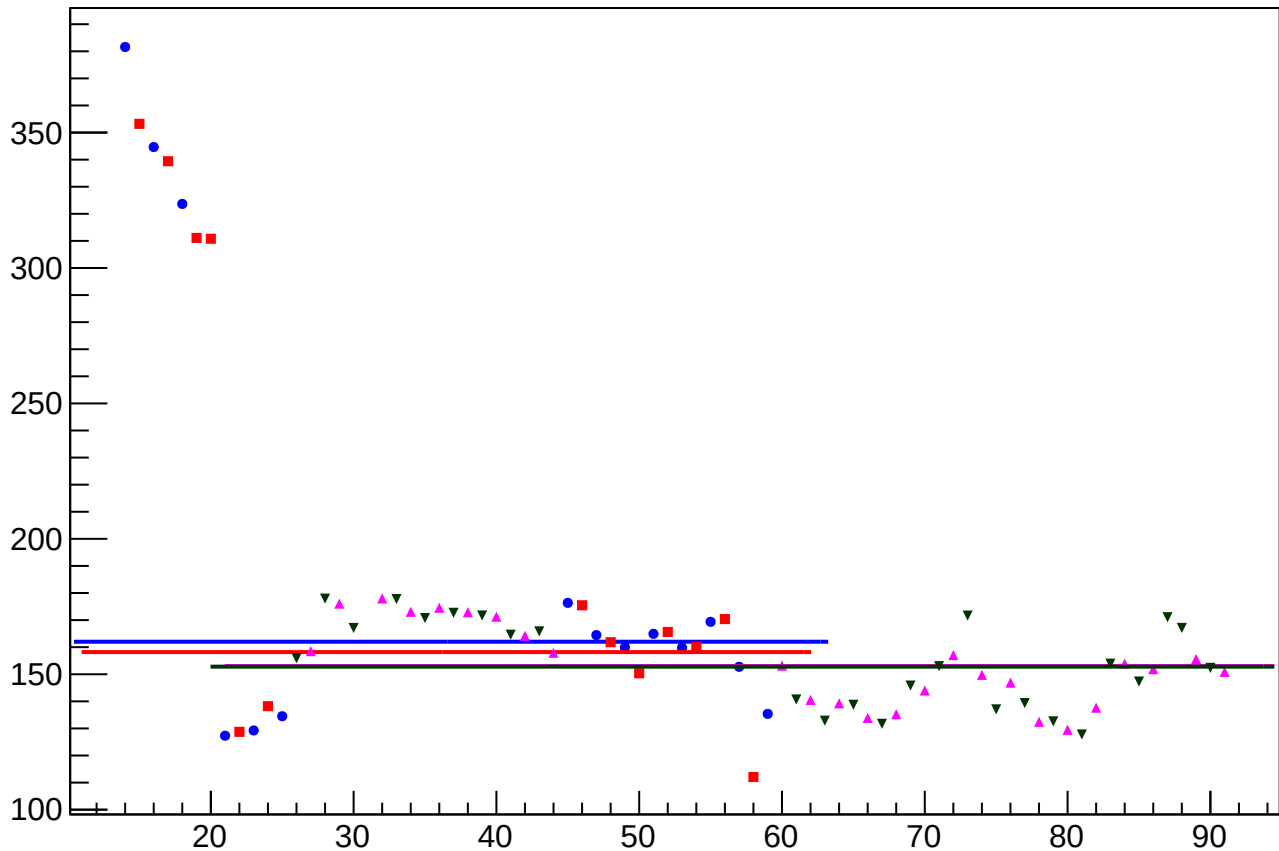
Right Out: -75.263 ± 0.542 $\chi^2/\text{NDF}: 7593.0/12$

Left In: -61.702 ± 0.404 $\chi^2/\text{NDF}: 9388.3/24$

-63.272 ± 0.327 $\chi^2/\text{NDF}: 11608.1/38$

-66.552 ± 0.324 $\chi^2/\text{NDF}: 17383.8/37$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 162.011 $\pm$ 0.108 χ^2 /NDF: 157175.7/13

Left Out: 152.809 $\pm$ 0.080 χ^2 /NDF: 40190.2/24

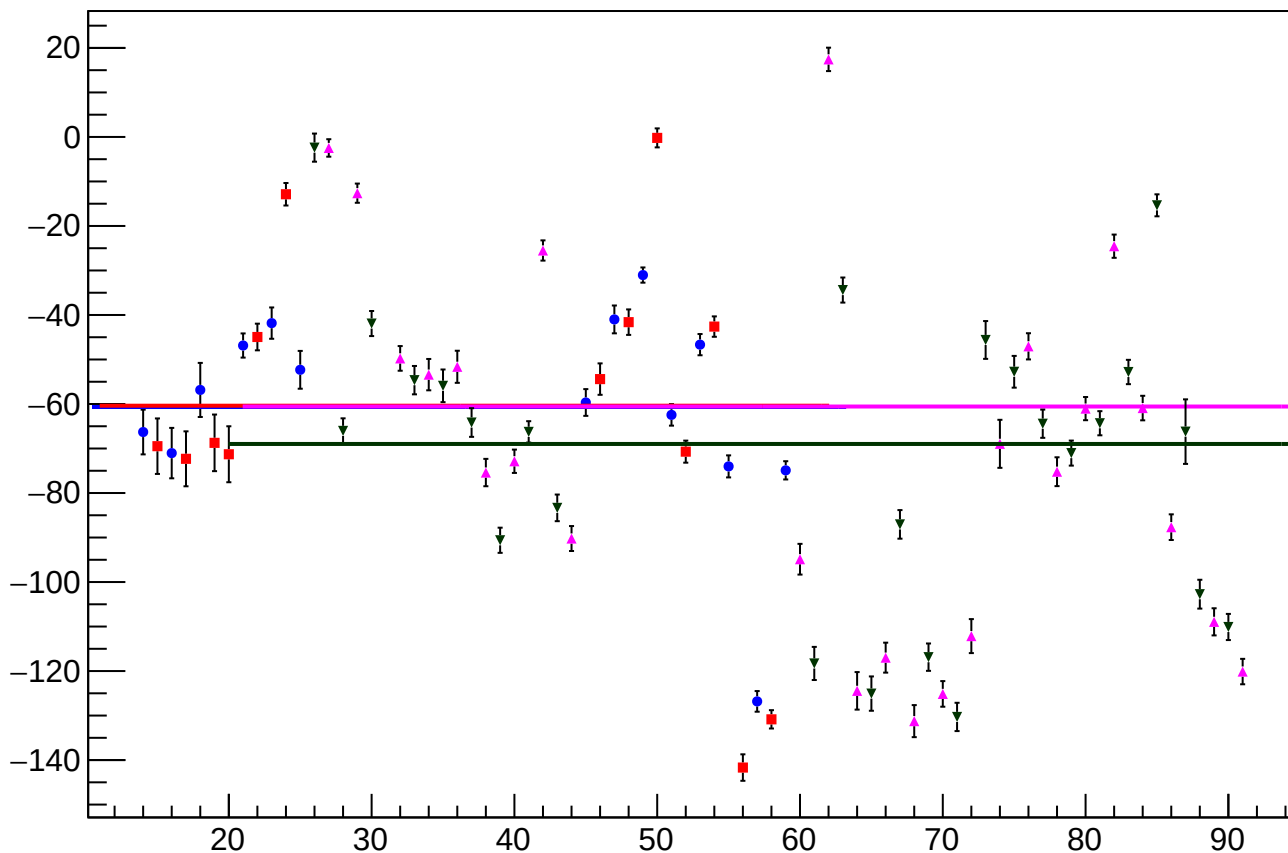
Right Out: 158.192 $\pm$ 0.120 χ^2 /NDF: 144521.4/12

Left In: 153.041 $\pm$ 0.076 χ^2 /NDF: 39544.2/24

156.044 $\pm$ 0.064 χ^2 /NDF: 202072.7/38

154.500 $\pm$ 0.064 χ^2 /NDF: 185380.6/37

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -60.675 ± 0.734 $\chi^2/\text{NDF}: 1329.1/13$

Left Out: -68.979 ± 0.618 $\chi^2/\text{NDF}: 2707.2/24$

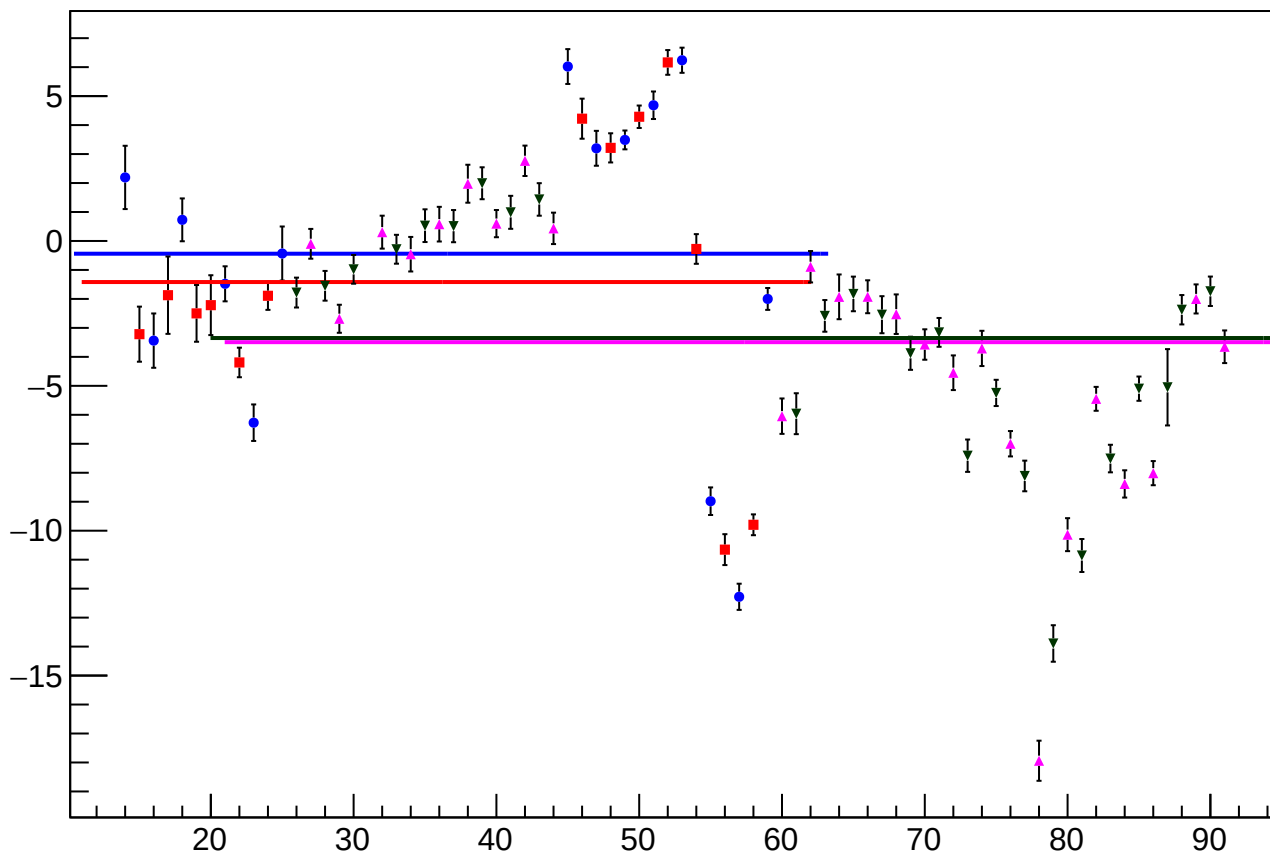
Right Out: -60.382 ± 0.818 $\chi^2/\text{NDF}: 3227.2/12$

Left In: -60.566 ± 0.578 $\chi^2/\text{NDF}: 5357.3/24$

-65.535 ± 0.472 $\chi^2/\text{NDF}: 4111.2/38$

-60.505 ± 0.472 $\chi^2/\text{NDF}: 8584.6/37$

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: -0.440 ± 0.140 $\chi^2/\text{NDF}: 1784.3/13$

Left Out: -3.350 ± 0.108 $\chi^2/\text{NDF}: 1141.8/24$

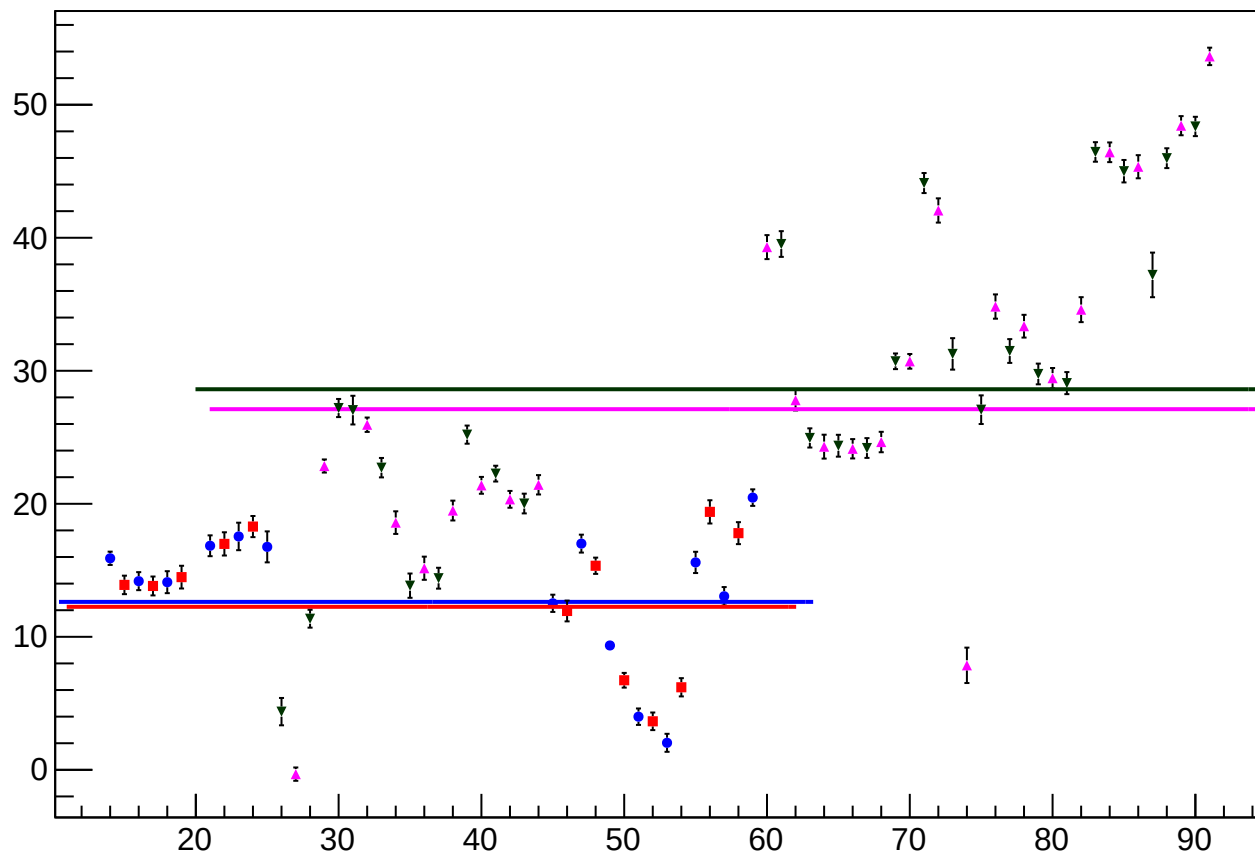
Right Out: -1.417 ± 0.149 $\chi^2/\text{NDF}: 1568.0/12$

Left In: -3.493 ± 0.108 $\chi^2/\text{NDF}: 1454.4/24$

-2.255 ± 0.086 $\chi^2/\text{NDF}: 3197.0/38$

-2.782 ± 0.087 $\chi^2/\text{NDF}: 3149.8/37$

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.627 $\pm$ 0.173 χ^2 /NDF: 845.5/13

Left Out: 28.612 $\pm$ 0.155 χ^2 /NDF: 5097.0/25

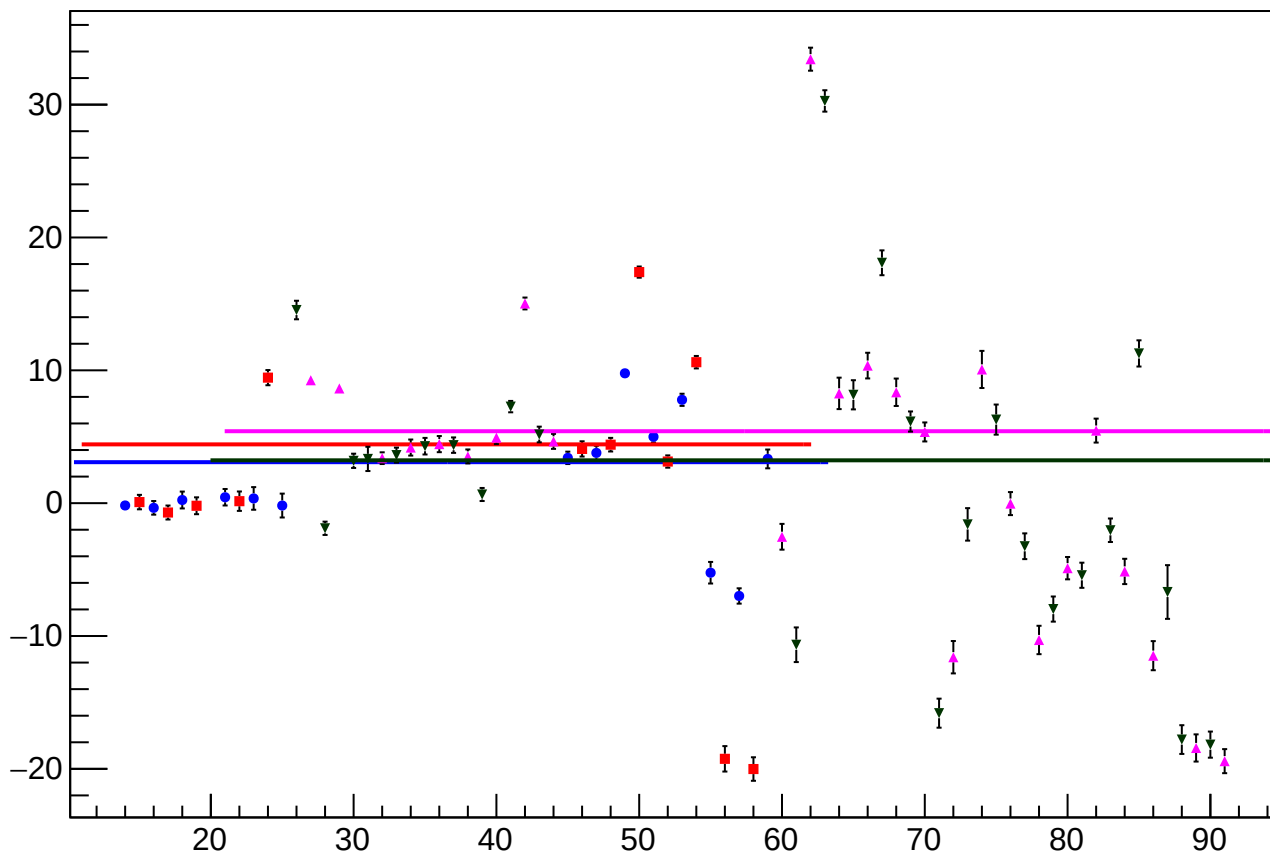
Right Out: 12.256 $\pm$ 0.208 χ^2 /NDF: 588.2/11

Left In: 27.113 $\pm$ 0.144 χ^2 /NDF: 8300.0/24

21.504 $\pm$ 0.115 χ^2 /NDF: 10696.1/39

22.321 $\pm$ 0.118 χ^2 /NDF: 12340.4/36

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.086 $\pm$ 0.137 χ^2/NDF : 1163.2/13

Left Out: 3.226 $\pm$ 0.145 χ^2/NDF : 3601.5/25

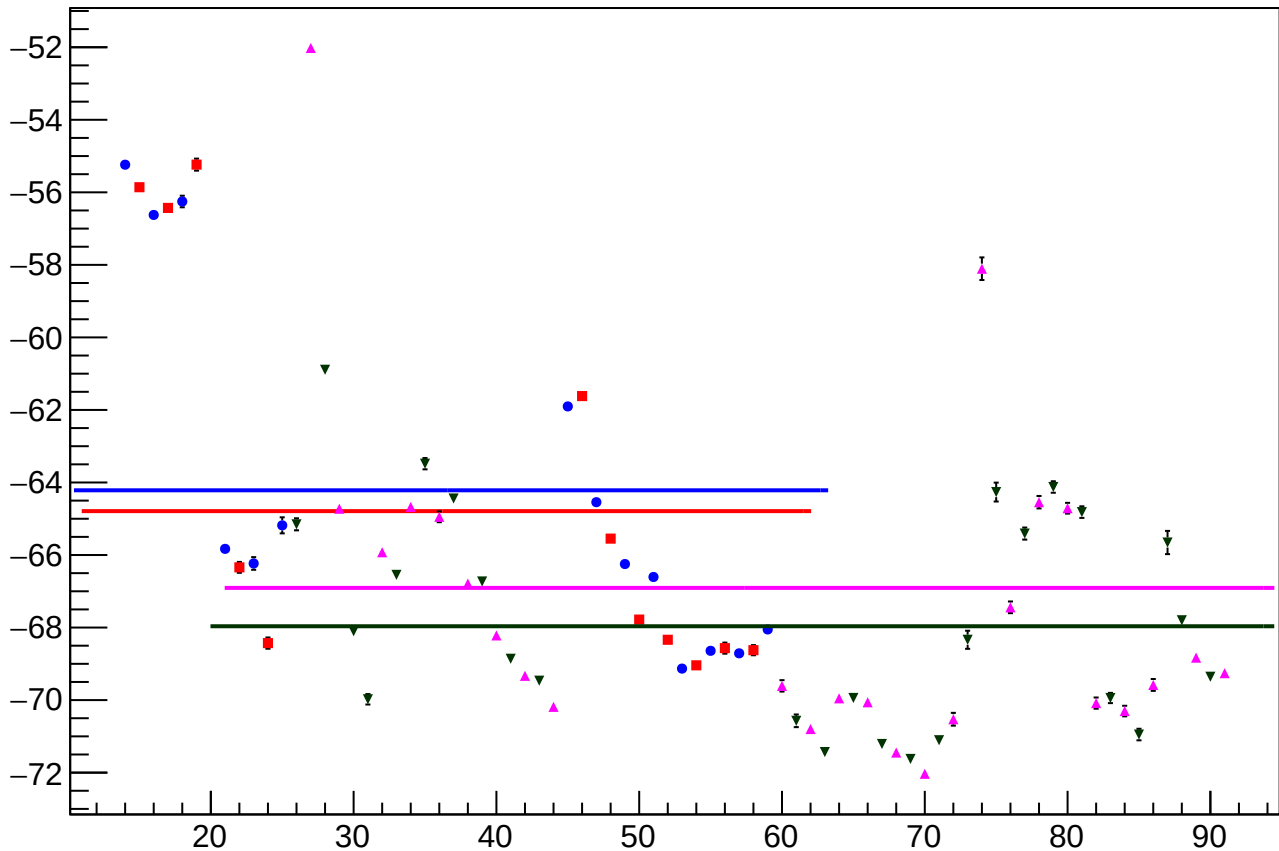
Right Out: 4.425 $\pm$ 0.161 χ^2/NDF : 2829.8/11

Left In: 5.415 $\pm$ 0.127 χ^2/NDF : 4157.0/24

3.152 $\pm$ 0.099 χ^2/NDF : 4765.2/39

5.035 $\pm$ 0.100 χ^2/NDF : 7010.0/36

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.216 ± 0.032 $\chi^2/\text{NDF}: 21670.3/13$

Left Out: -67.964 ± 0.027 $\chi^2/\text{NDF}: 11793.3/25$

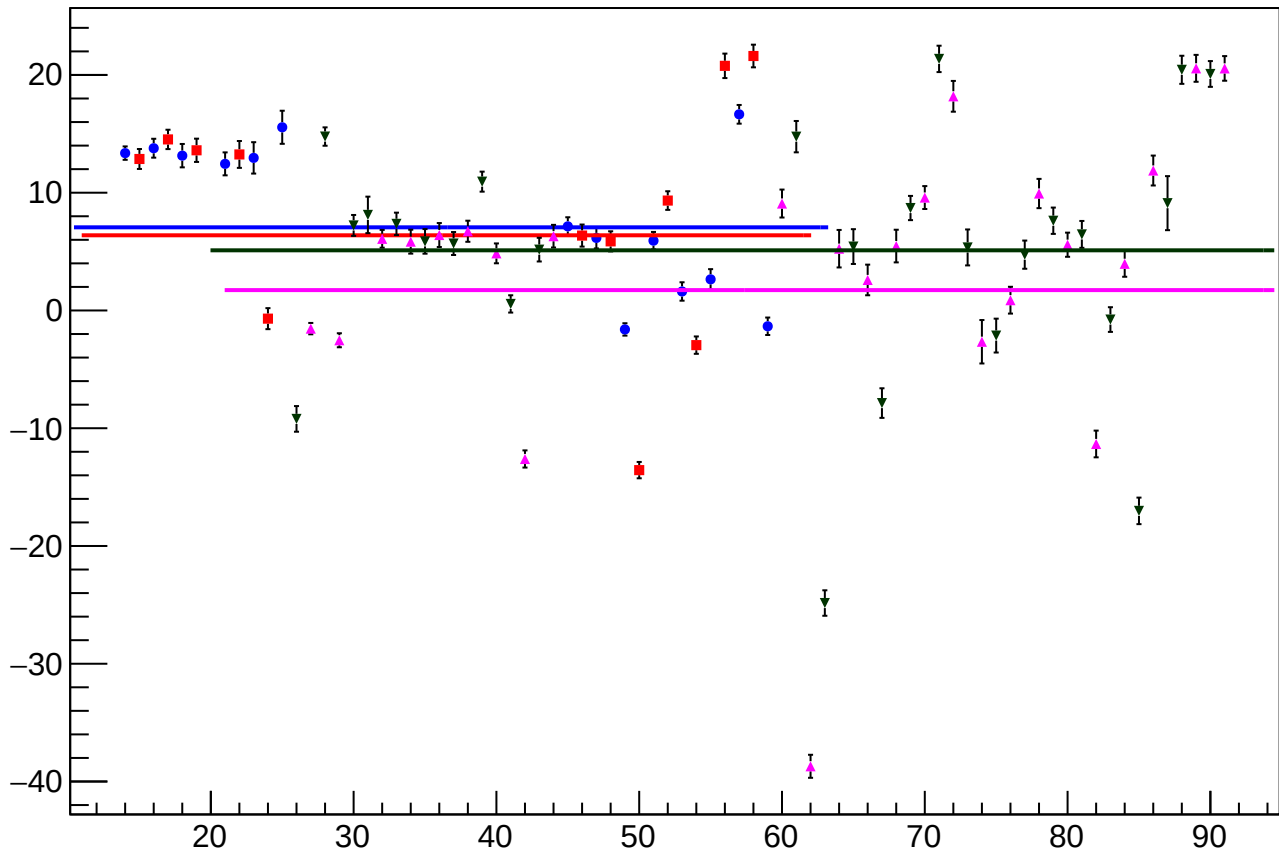
Right Out: -64.790 ± 0.037 $\chi^2/\text{NDF}: 17380.1/11$

Left In: -66.906 ± 0.026 $\chi^2/\text{NDF}: 38925.5/24$

-66.371 ± 0.021 $\chi^2/\text{NDF}: 41527.1/39$

-66.229 ± 0.021 $\chi^2/\text{NDF}: 58499.8/36$

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.060 ± 0.211 χ^2/NDF : 942.0/13

Left Out: 5.108 ± 0.212 χ^2/NDF : 2381.3/25

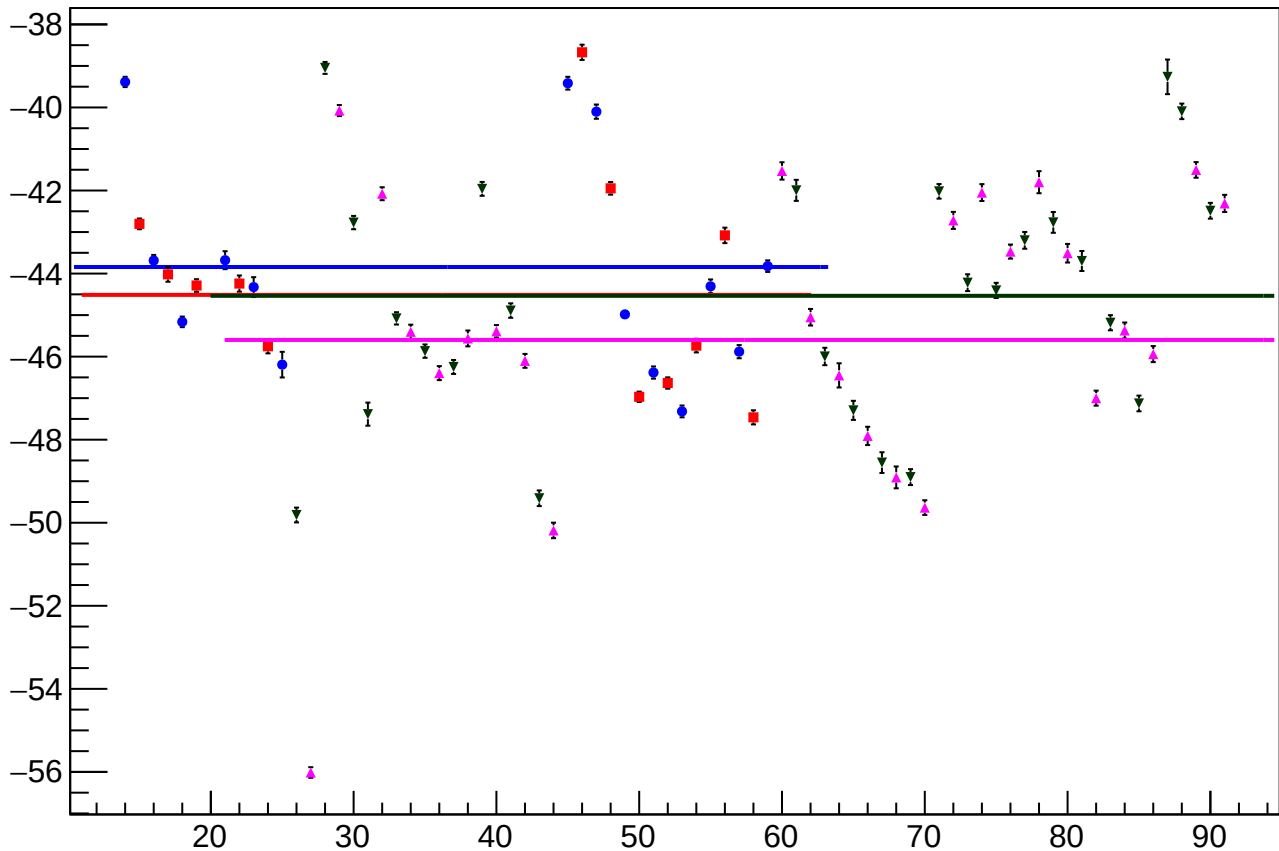
Right Out: 6.383 ± 0.250 χ^2/NDF : 1752.4/11

Left In: 1.729 ± 0.189 χ^2/NDF : 3470.0/24

6.089 ± 0.149 χ^2/NDF : 3366.1/39

3.423 ± 0.151 χ^2/NDF : 5442.3/36

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.842 $\pm$ 0.040 χ^2 /NDF: 3957.7/13

Left Out: -44.536 $\pm$ 0.037 χ^2 /NDF:6084.3/25

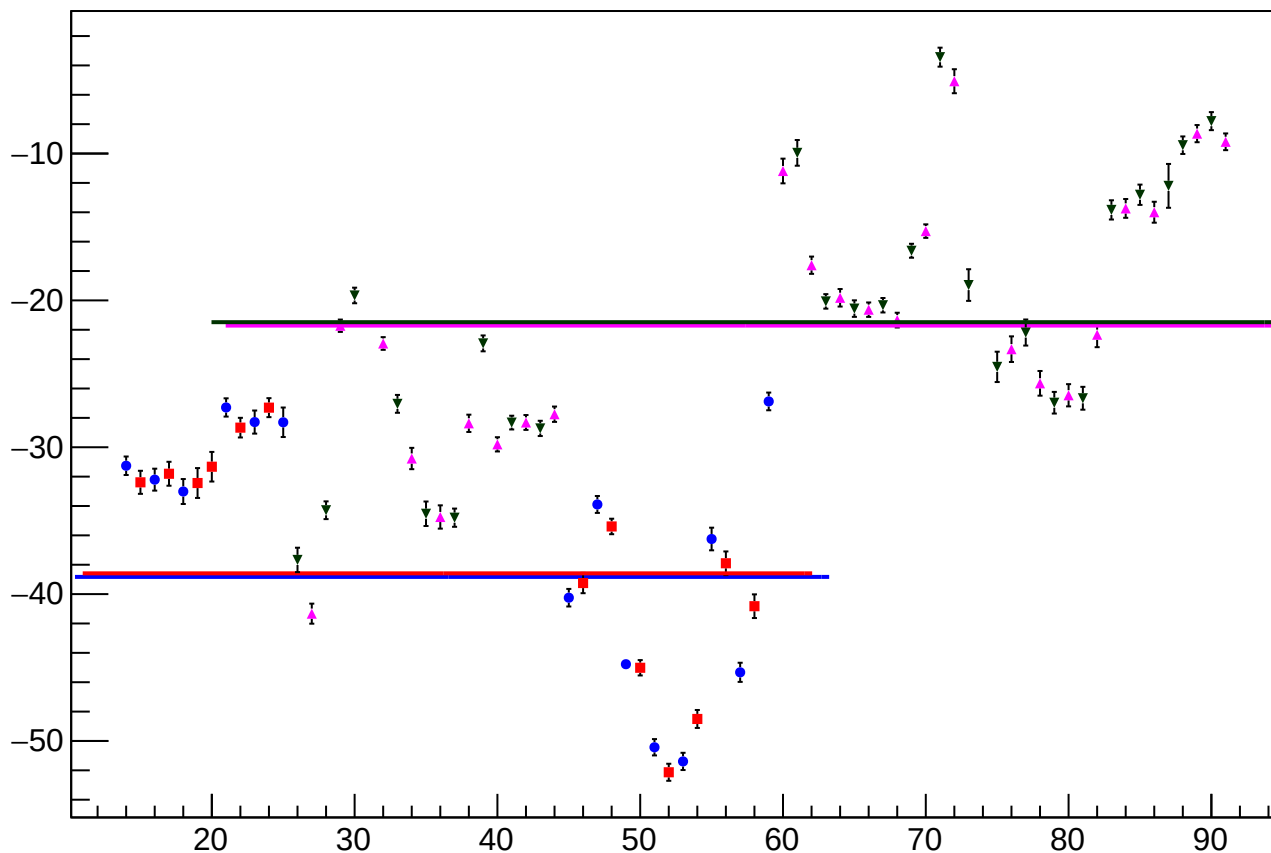
Right Out: -44.513 $\pm$ 0.045 χ^2 /NDF: 2574.8/11

Left In: -45.598 $\pm$ 0.037 χ^2 /NDF:12459.9/24

-44.210 $\pm$ 0.027 χ^2 /NDF: 10203.1/39

-45.169 $\pm$ 0.029 χ^2 /NDF: 15380.7/36

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.829 ± 0.160 χ^2/NDF : 2708.3/13

Left Out: -21.484 ± 0.126 χ^2/NDF : 4469.8/24

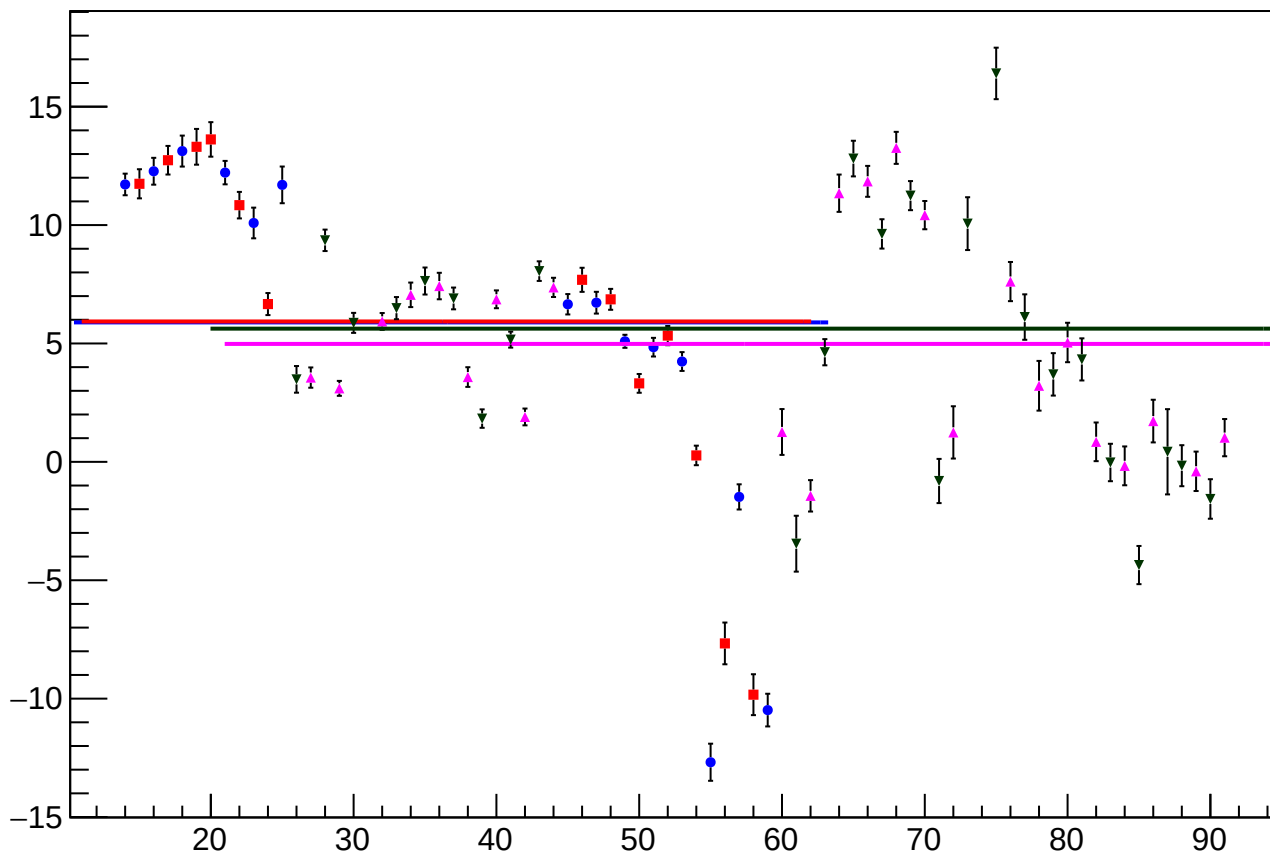
Right Out: -38.586 ± 0.190 χ^2/NDF : 1749.8/12

Left In: -21.715 ± 0.120 χ^2/NDF : 4118.9/23

-28.134 ± 0.099 χ^2/NDF : 14395.9/38

-26.554 ± 0.102 χ^2/NDF : 11505.8/36

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.889 $\pm$ 0.127 χ^2 /NDF: 2029.4/13

Left Out: 5.626 $\pm$ 0.119 χ^2 /NDF: 1016.8/24

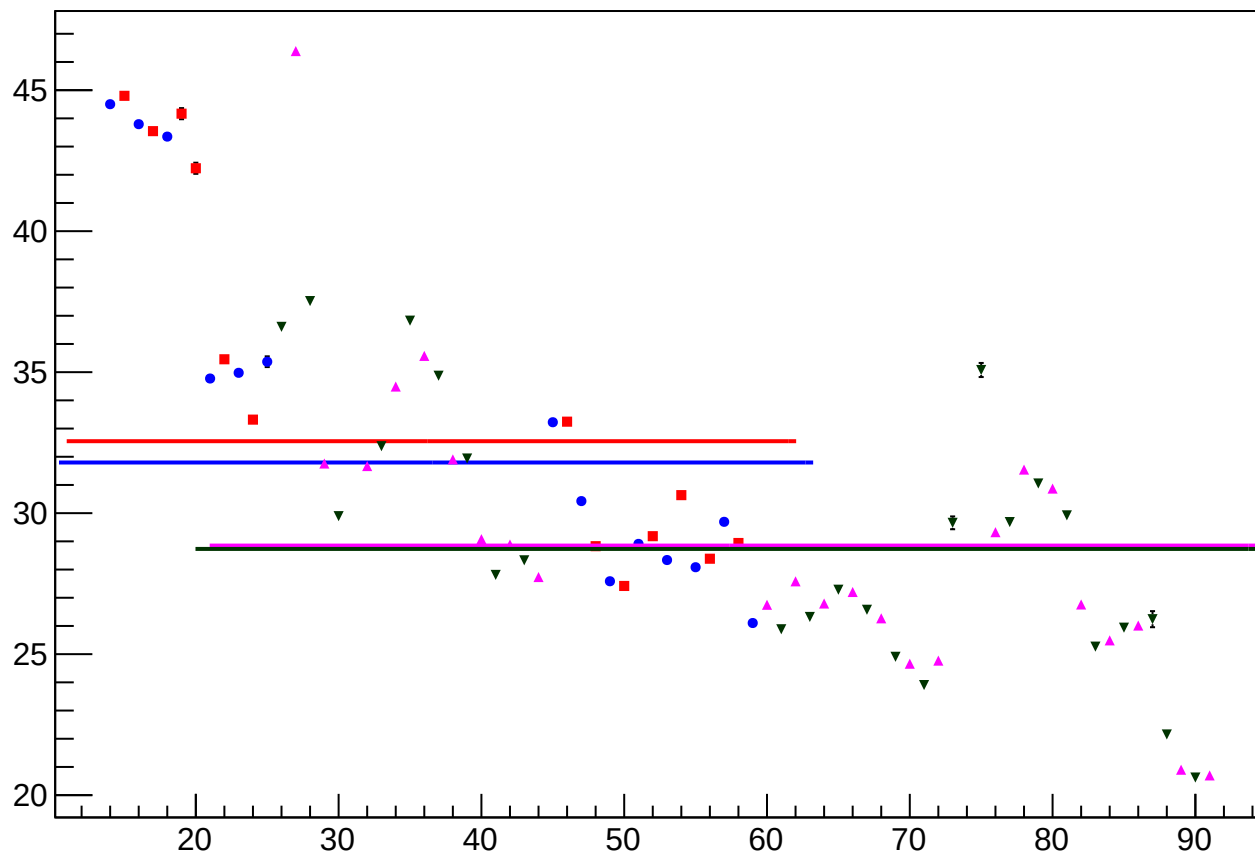
Right Out: 5.929 $\pm$ 0.146 χ^2 /NDF: 1323.4/12

Left In: 4.981 $\pm$ 0.111 χ^2 /NDF: 922.2/23

5.748 $\pm$ 0.087 χ^2 /NDF: 3048.5/38

5.327 $\pm$ 0.088 χ^2 /NDF: 2272.3/36

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 31.796 ± 0.029 χ^2/NDF : 34400.6/13

Left Out: 28.732 ± 0.022 χ^2/NDF : 36769.8/24

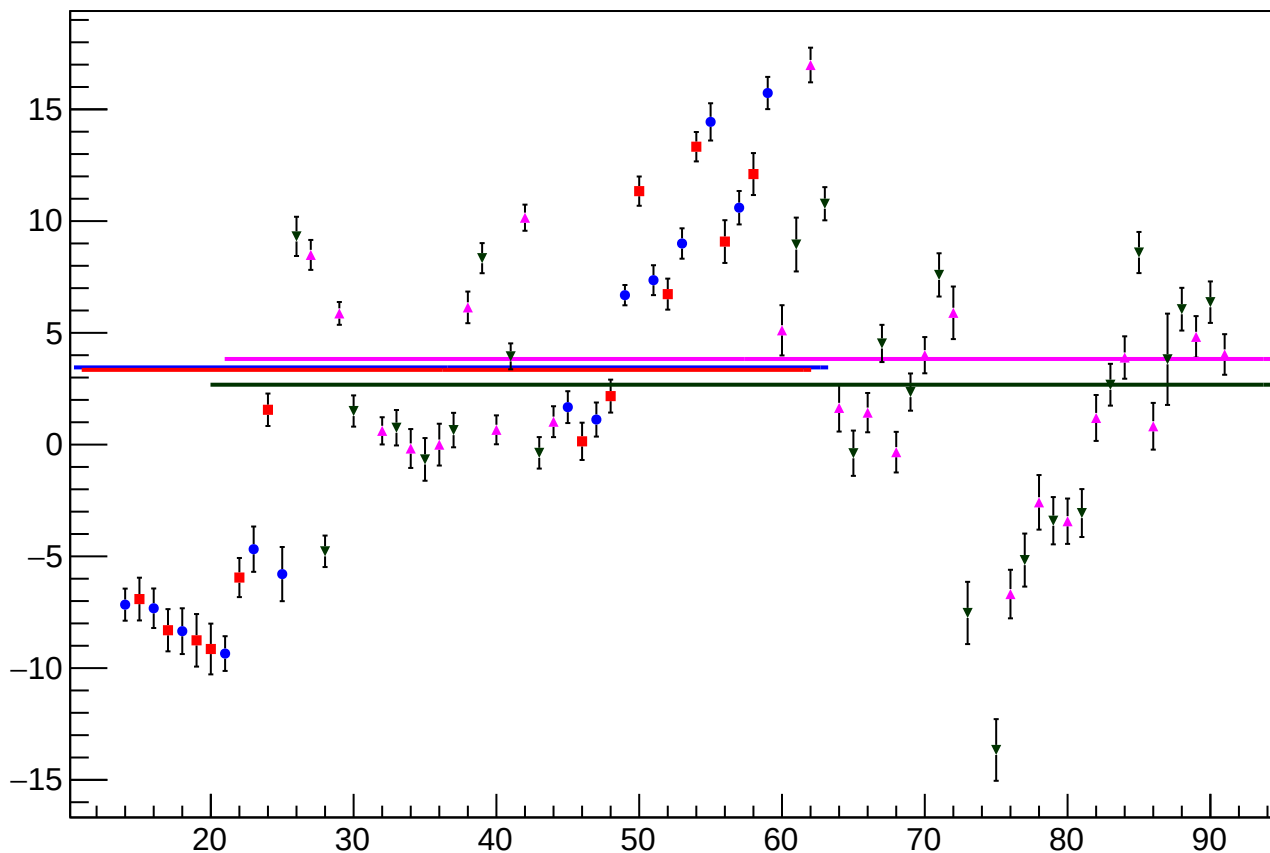
Right Out: 32.552 ± 0.034 χ^2/NDF : 25164.5/12

Left In: 28.850 ± 0.021 χ^2/NDF : 47094.7/23

29.846 ± 0.018 χ^2/NDF : 78159.2/38

29.893 ± 0.018 χ^2/NDF : 80923.7/36

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 3.454 $\pm$ 0.198 χ^2 /NDF: 1616.0/13

Left Out: 2.680 $\pm$ 0.175 χ^2 /NDF:846.8/24

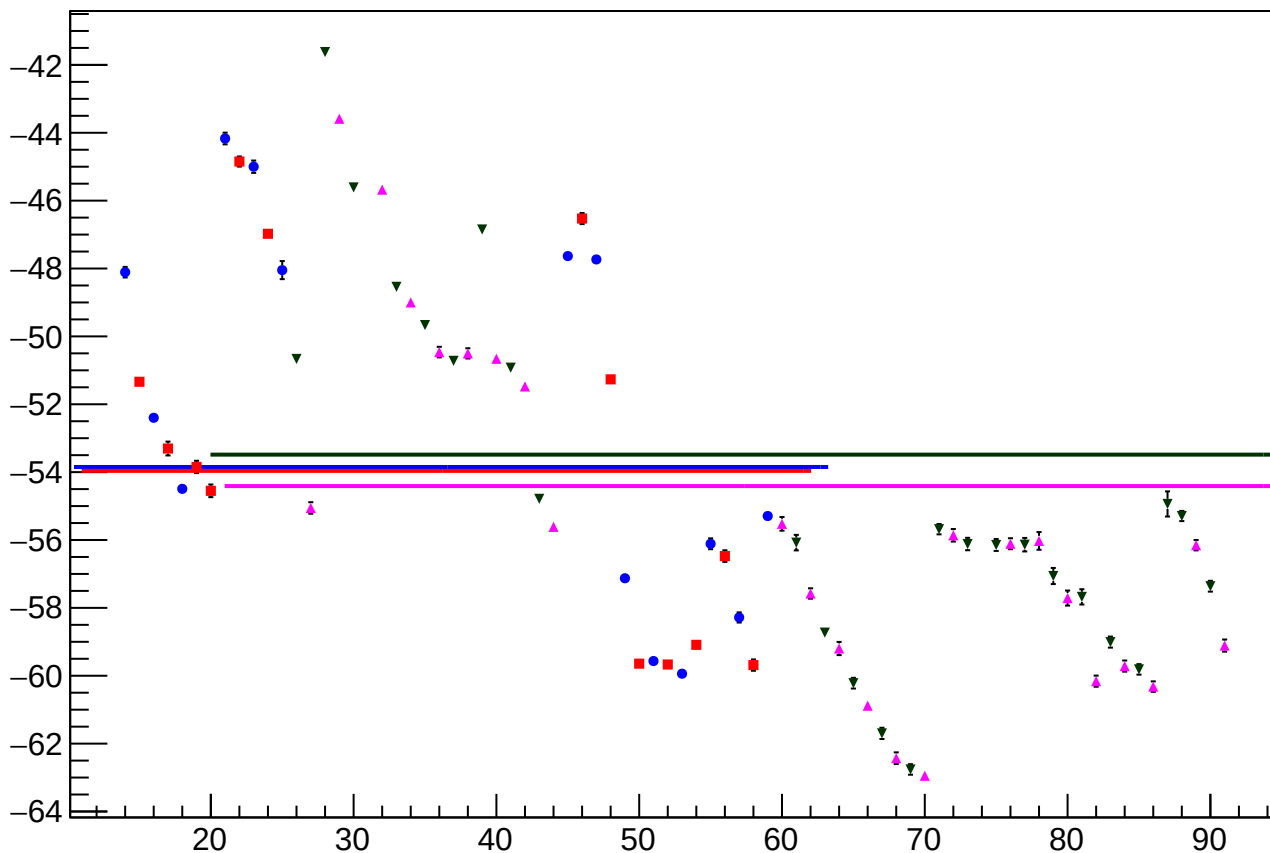
Right Out: 3.344 $\pm$ 0.229 χ^2 /NDF: 1156.6/12

Left In: 3.831 $\pm$ 0.165 χ^2 /NDF:811.6/23

3.020 $\pm$ 0.131 χ^2 /NDF: 2471.4/38

3.664 $\pm$ 0.134 χ^2 /NDF: 1971.1/36

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -53.848 ± 0.037 $\chi^2/\text{NDF}: 18030.1/13$

Left Out: -53.484 ± 0.031 $\chi^2/\text{NDF}: 32783.5/24$

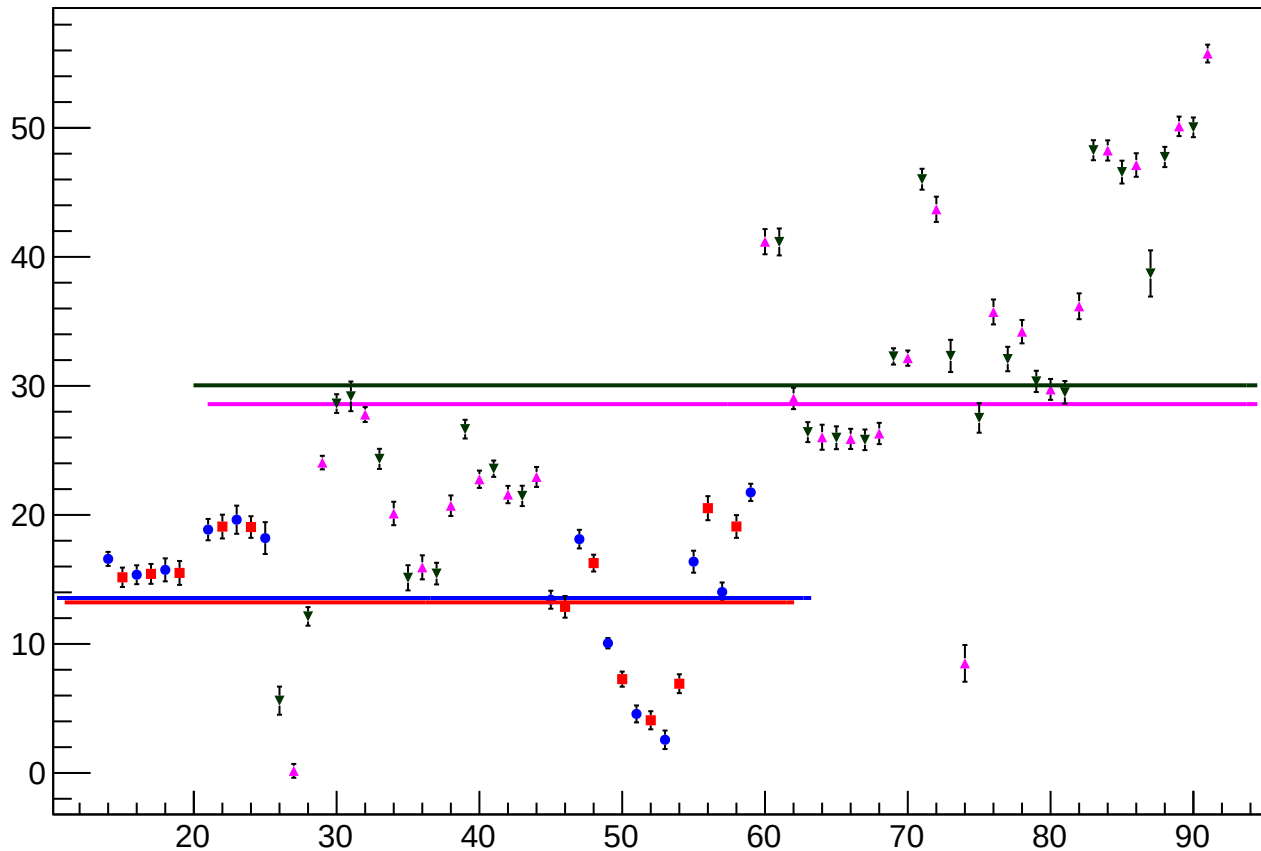
Right Out: -53.963 ± 0.042 $\chi^2/\text{NDF}: 16248.4/12$

Left In: -54.411 ± 0.032 $\chi^2/\text{NDF}: 31543.6/23$

-53.633 ± 0.024 $\chi^2/\text{NDF}: 50869.6/38$

-54.247 ± 0.025 $\chi^2/\text{NDF}: 47865.4/36$

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.561 ± 0.185 χ^2/NDF : 827.1/13

Left Out: 30.046 ± 0.165 χ^2/NDF : 4670.9/25

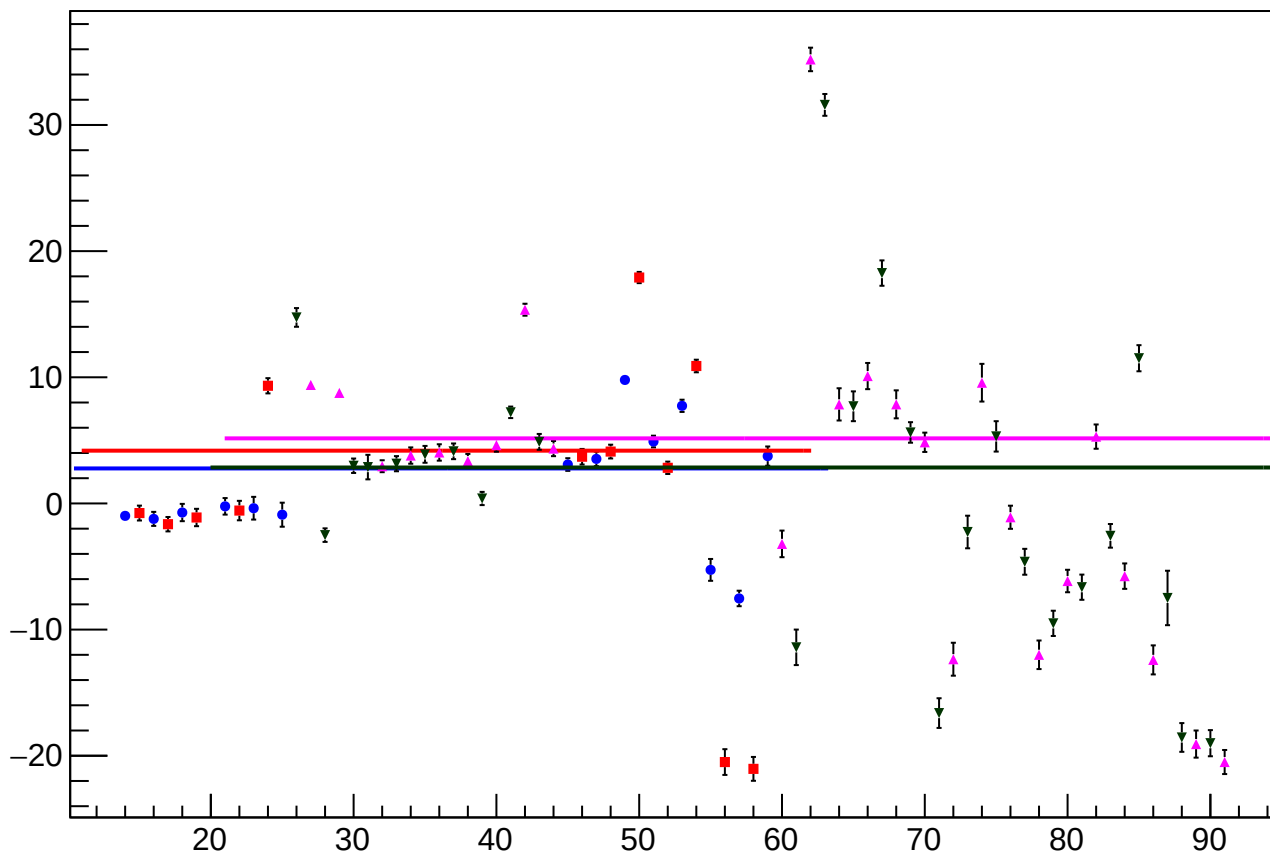
Right Out: 13.222 ± 0.222 χ^2/NDF : 584.7/11

Left In: 28.588 ± 0.153 χ^2/NDF : 7691.0/24

22.747 ± 0.123 χ^2/NDF : 9934.6/39

23.643 ± 0.126 χ^2/NDF : 11513.9/36

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 2.775 ± 0.146 χ^2/NDF : 1143.9/13

Left Out: 2.849 ± 0.154 χ^2/NDF : 3474.2/25

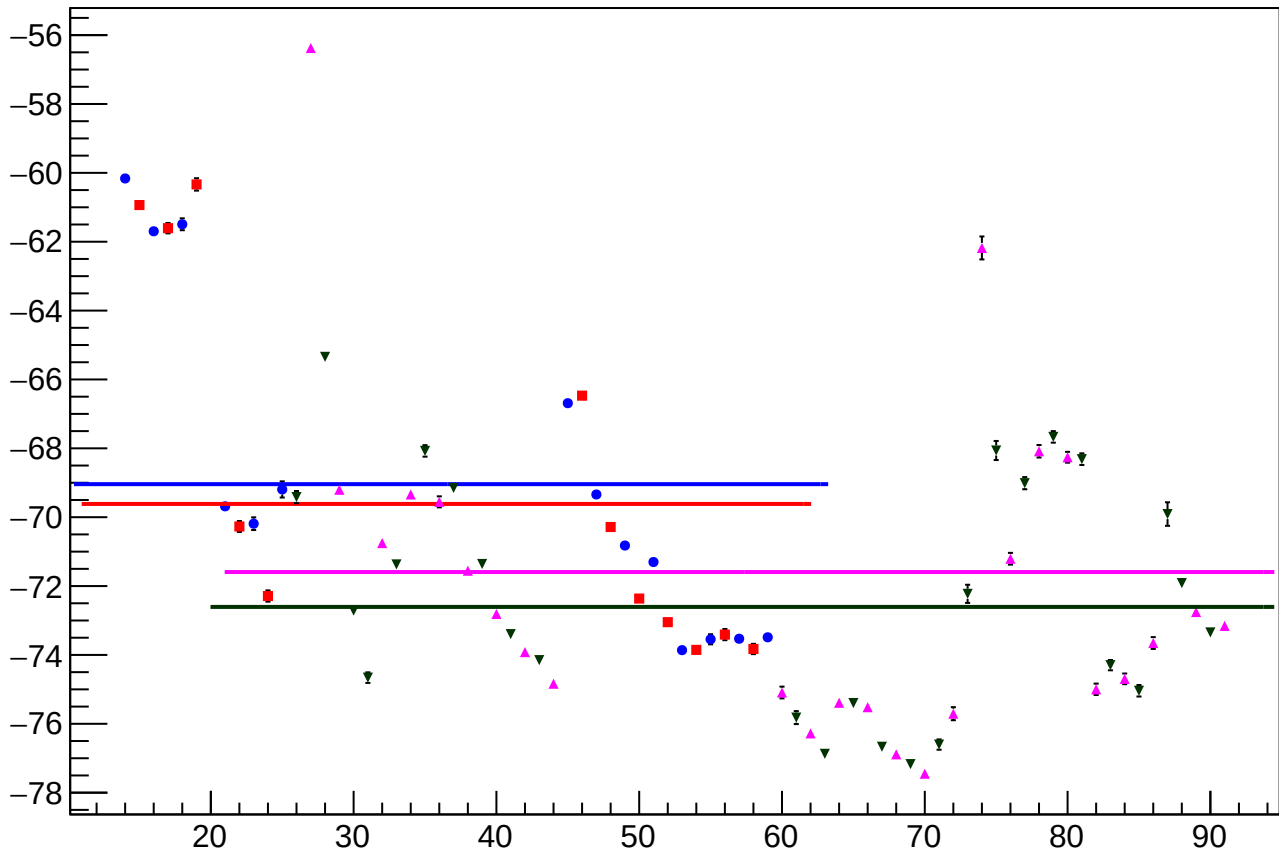
Right Out: 4.183 ± 0.172 χ^2/NDF : 2779.6/11

Left In: 5.158 ± 0.136 χ^2/NDF : 4093.0/24

2.810 ± 0.106 χ^2/NDF : 4618.3/39

4.783 ± 0.107 χ^2/NDF : 6892.3/36

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.040 ± 0.034 $\chi^2/\text{NDF}: 18008.4/13$

Left Out: -72.606 ± 0.029 $\chi^2/\text{NDF}: 13051.0/25$

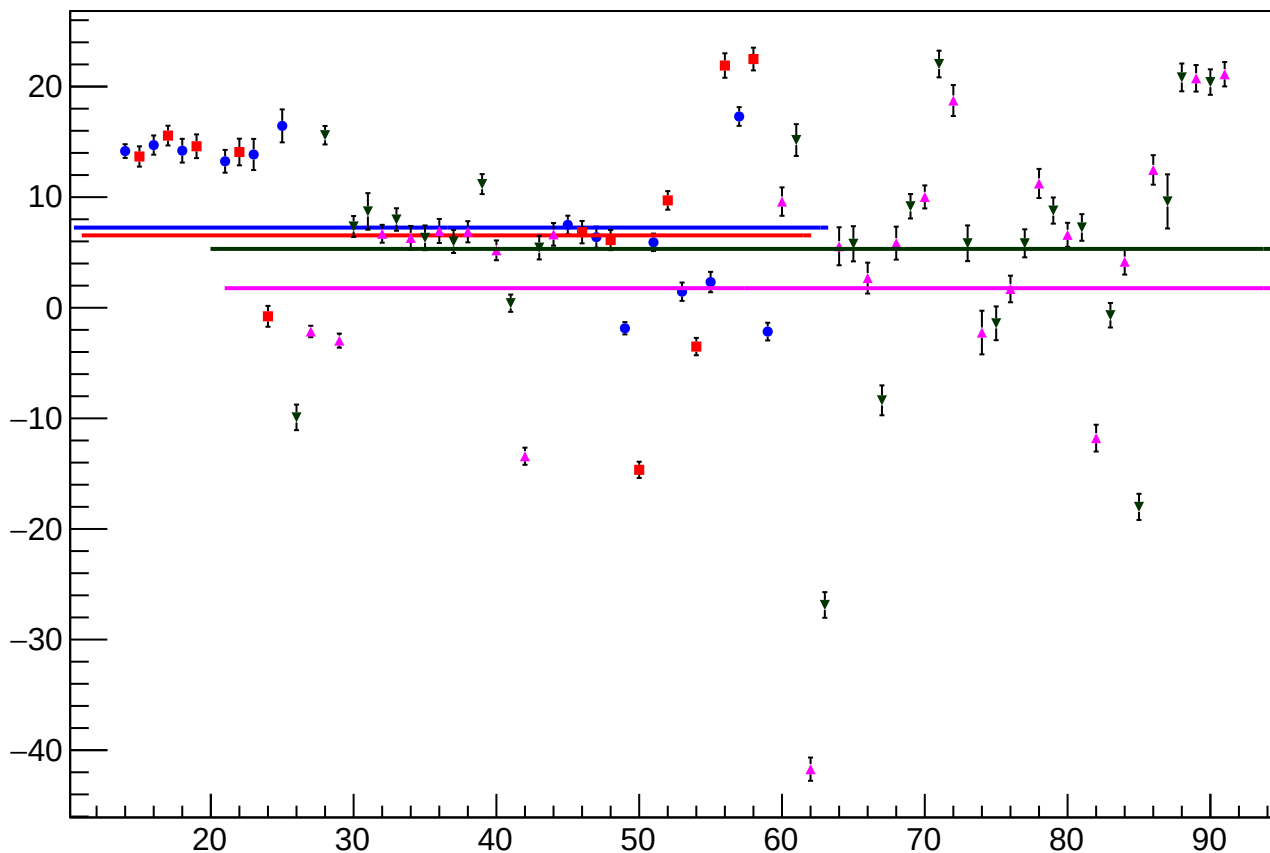
Right Out: -69.615 ± 0.040 $\chi^2/\text{NDF}: 13986.8/11$

Left In: -71.592 ± 0.027 $\chi^2/\text{NDF}: 37241.3/24$

-71.096 ± 0.022 $\chi^2/\text{NDF}: 37458.1/39$

-70.960 ± 0.023 $\chi^2/\text{NDF}: 52907.4/36$

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.248 ± 0.225 χ^2/NDF : 963.1/13

Left Out: 5.321 ± 0.225 χ^2/NDF : 2323.3/25

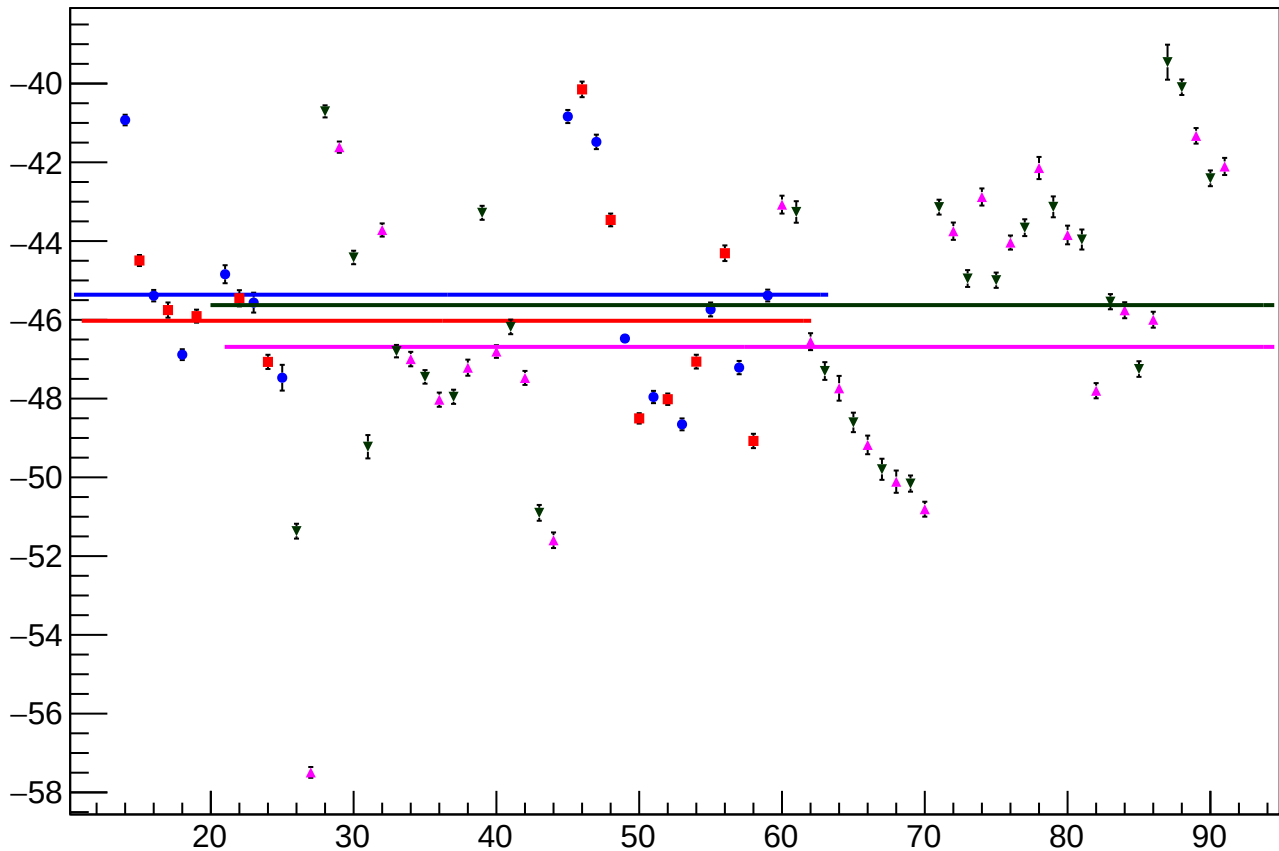
Right Out: 6.545 ± 0.268 χ^2/NDF : 1763.1/11

Left In: 1.770 ± 0.202 χ^2/NDF : 3436.2/24

6.284 ± 0.159 χ^2/NDF : 3323.0/39

3.505 ± 0.161 χ^2/NDF : 5402.2/36

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.362 ± 0.043 $\chi^2/\text{NDF}: 3424.0/13$

Left Out: -45.626 ± 0.040 $\chi^2/\text{NDF}: 6072.2/25$

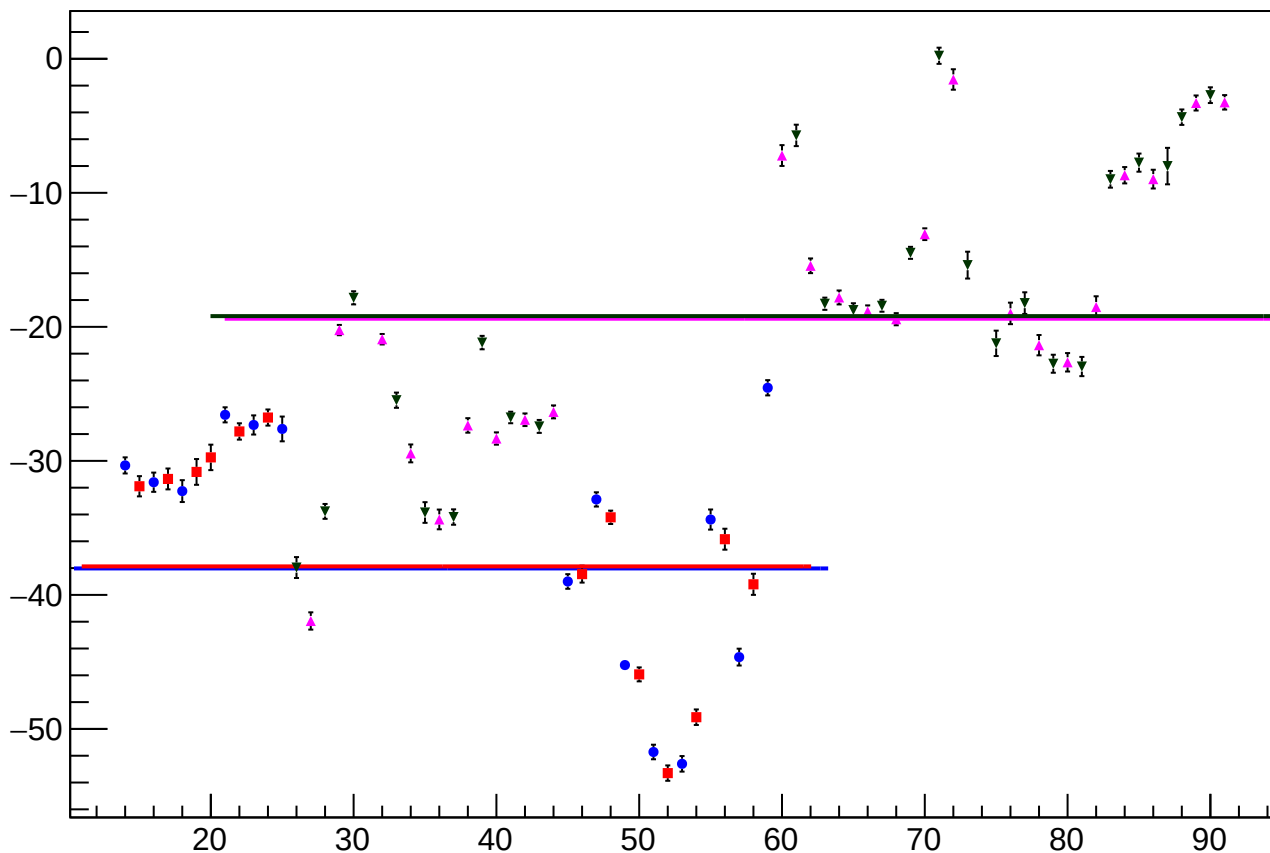
Right Out: -46.024 ± 0.048 $\chi^2/\text{NDF}: 2225.5/11$

Left In: -46.687 ± 0.039 $\chi^2/\text{NDF}: 11852.2/24$

-45.503 ± 0.029 $\chi^2/\text{NDF}: 9516.8/39$

-46.426 ± 0.030 $\chi^2/\text{NDF}: 14190.8/36$

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -38.026 ± 0.153 $\chi^2/\text{NDF}: 3608.1/13$

Left Out: -19.199 ± 0.117 $\chi^2/\text{NDF}: 6643.1/24$

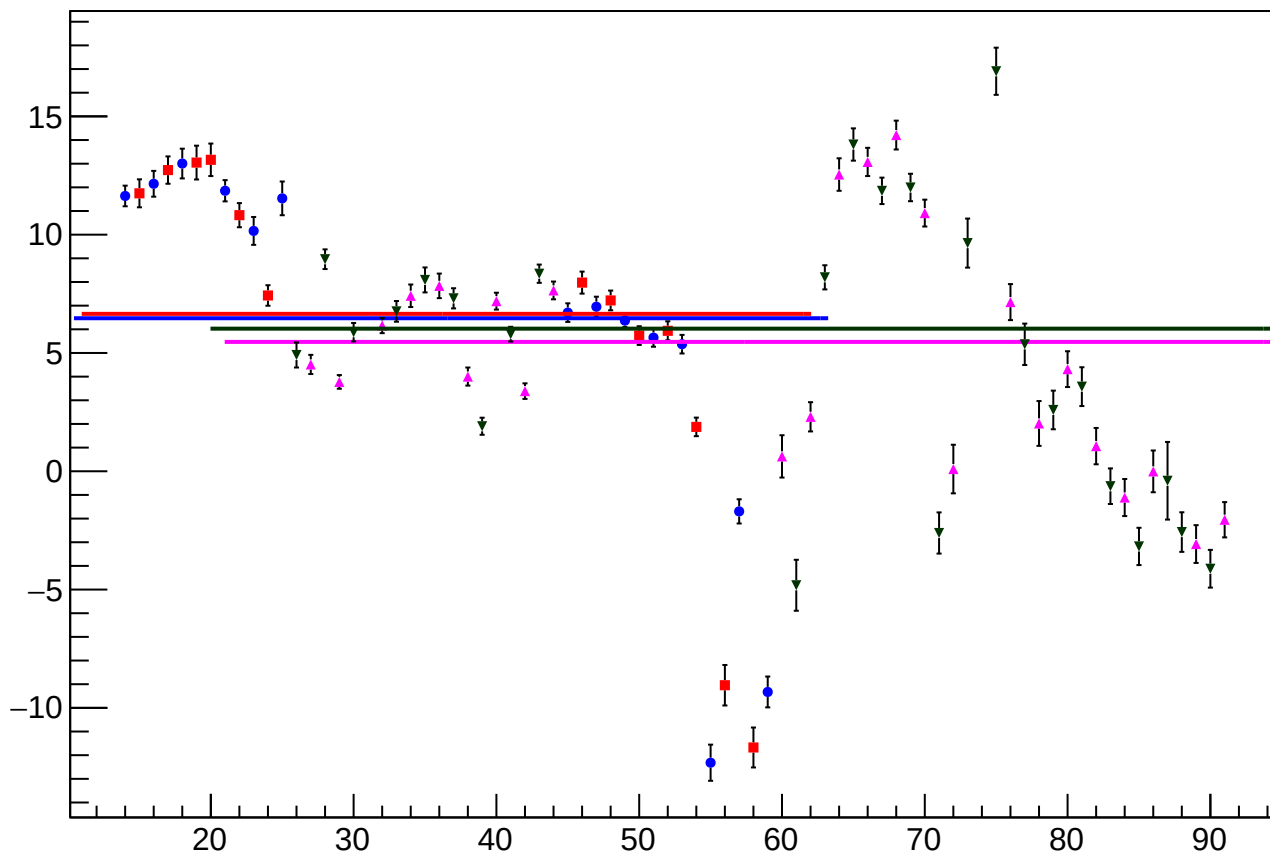
Right Out: -37.873 ± 0.181 $\chi^2/\text{NDF}: 2275.6/12$

Left In: -19.394 ± 0.111 $\chi^2/\text{NDF}: 6280.8/23$

-26.164 ± 0.093 $\chi^2/\text{NDF}: 19762.9/38$

-24.470 ± 0.095 $\chi^2/\text{NDF}: 16108.9/36$

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.468 $\pm$ 0.122 χ^2 /NDF: 2051.7/13

Left Out: 6.028 $\pm$ 0.110 χ^2 /NDF:1467.4/24

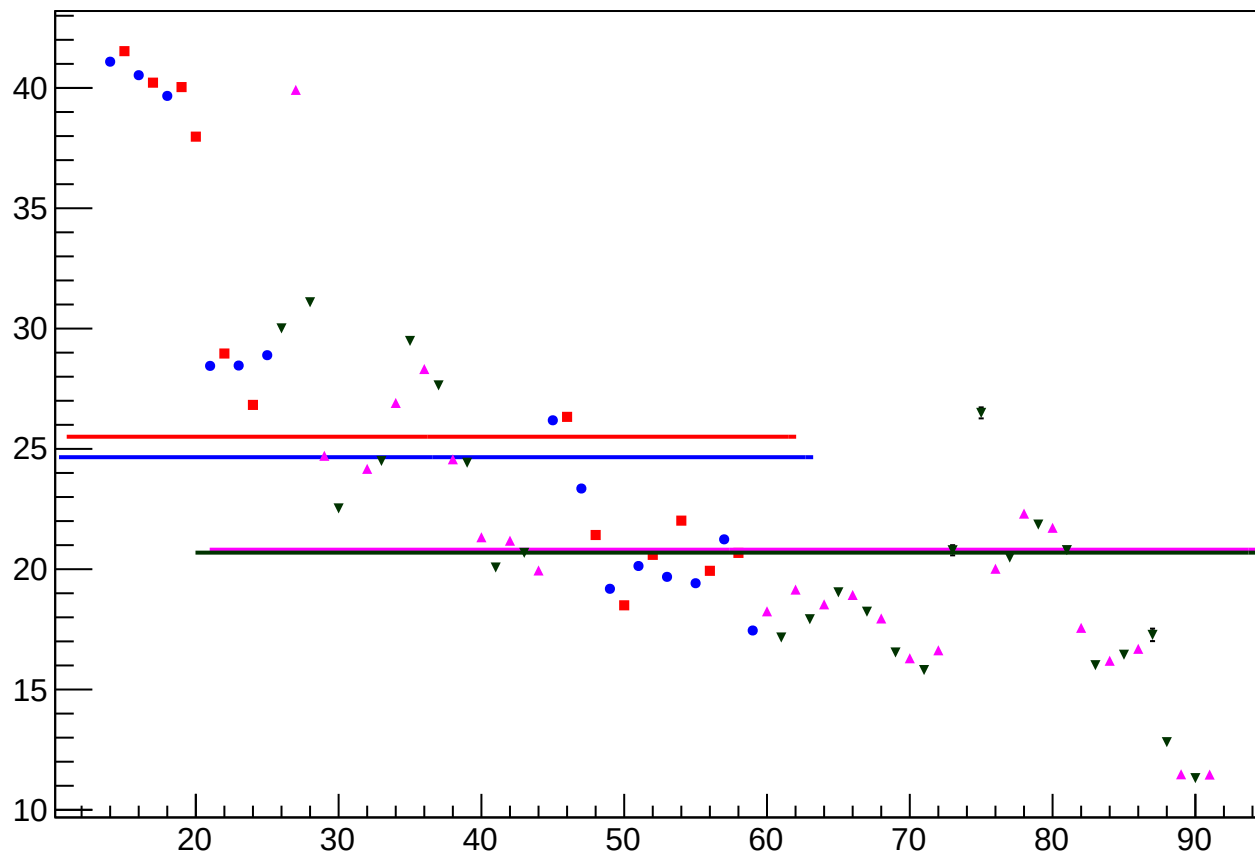
Right Out: 6.653 $\pm$ 0.140 χ^2 /NDF: 1399.3/12

Left In: 5.467 $\pm$ 0.103 χ^2 /NDF:1221.1/23

6.226 $\pm$ 0.082 χ^2 /NDF: 3526.2/38

5.883 $\pm$ 0.083 χ^2 /NDF: 2667.3/36

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 24.655 ± 0.028 $\chi^2/\text{NDF}: 64174.3/13$

Left Out: 20.689 ± 0.020 $\chi^2/\text{NDF}: 55482.8/24$

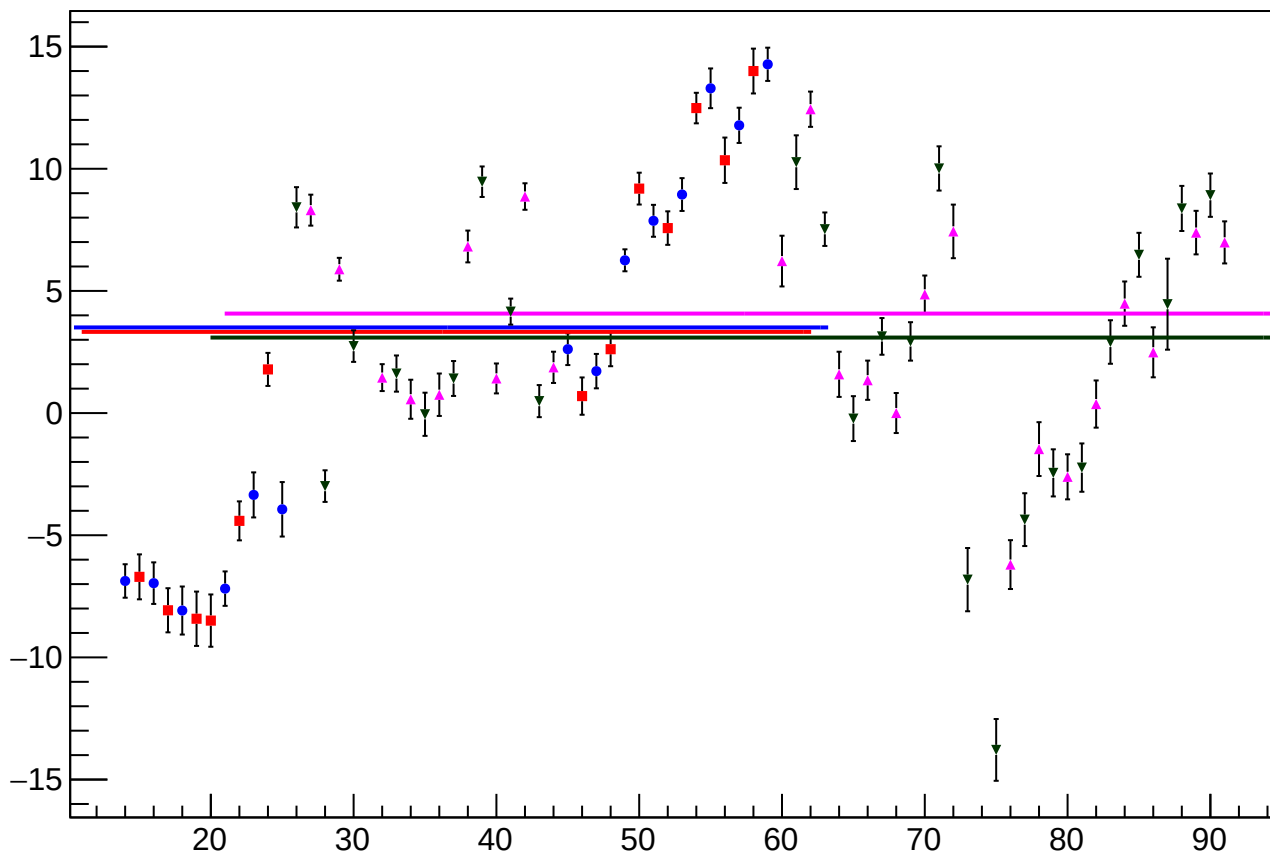
Right Out: 25.506 ± 0.032 $\chi^2/\text{NDF}: 47177.7/12$

Left In: 20.811 ± 0.019 $\chi^2/\text{NDF}: 68057.2/23$

22.081 ± 0.017 $\chi^2/\text{NDF}: 132817.2/38$

22.077 ± 0.017 $\chi^2/\text{NDF}: 130878.1/36$

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 3.505 ± 0.189 $\chi^2/\text{NDF}: 1532.5/13$

Left Out: 3.091 ± 0.162 $\chi^2/\text{NDF}: 869.6/24$

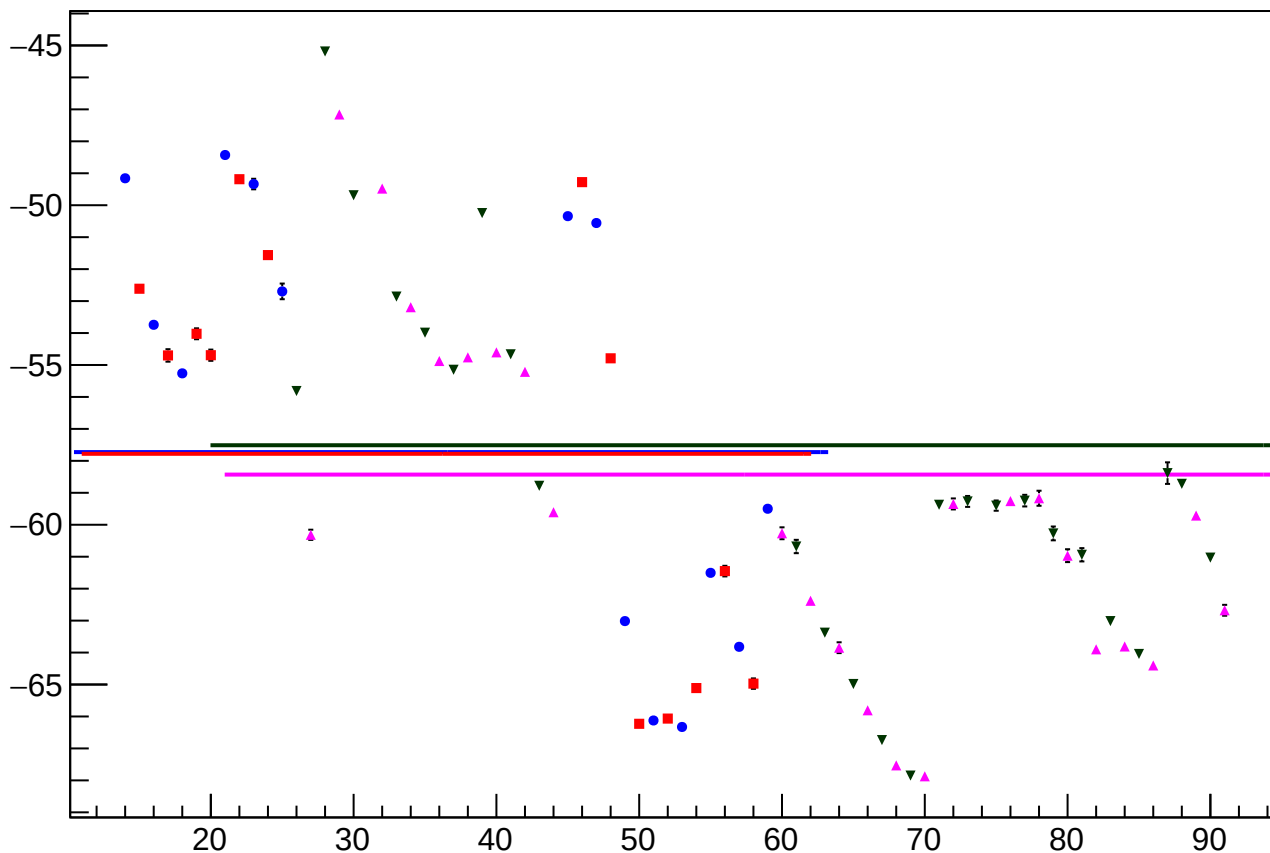
Right Out: 3.324 ± 0.218 $\chi^2/\text{NDF}: 1150.1/12$

Left In: 4.073 ± 0.153 $\chi^2/\text{NDF}: 661.3/23$

3.267 ± 0.123 $\chi^2/\text{NDF}: 2404.9/38$

3.825 ± 0.125 $\chi^2/\text{NDF}: 1819.3/36$

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.726 $\pm$ 0.036 χ^2 /NDF: 32565.1/13

Left Out: -57.511 $\pm$ 0.029 χ^2 /NDF: 40537.1/24

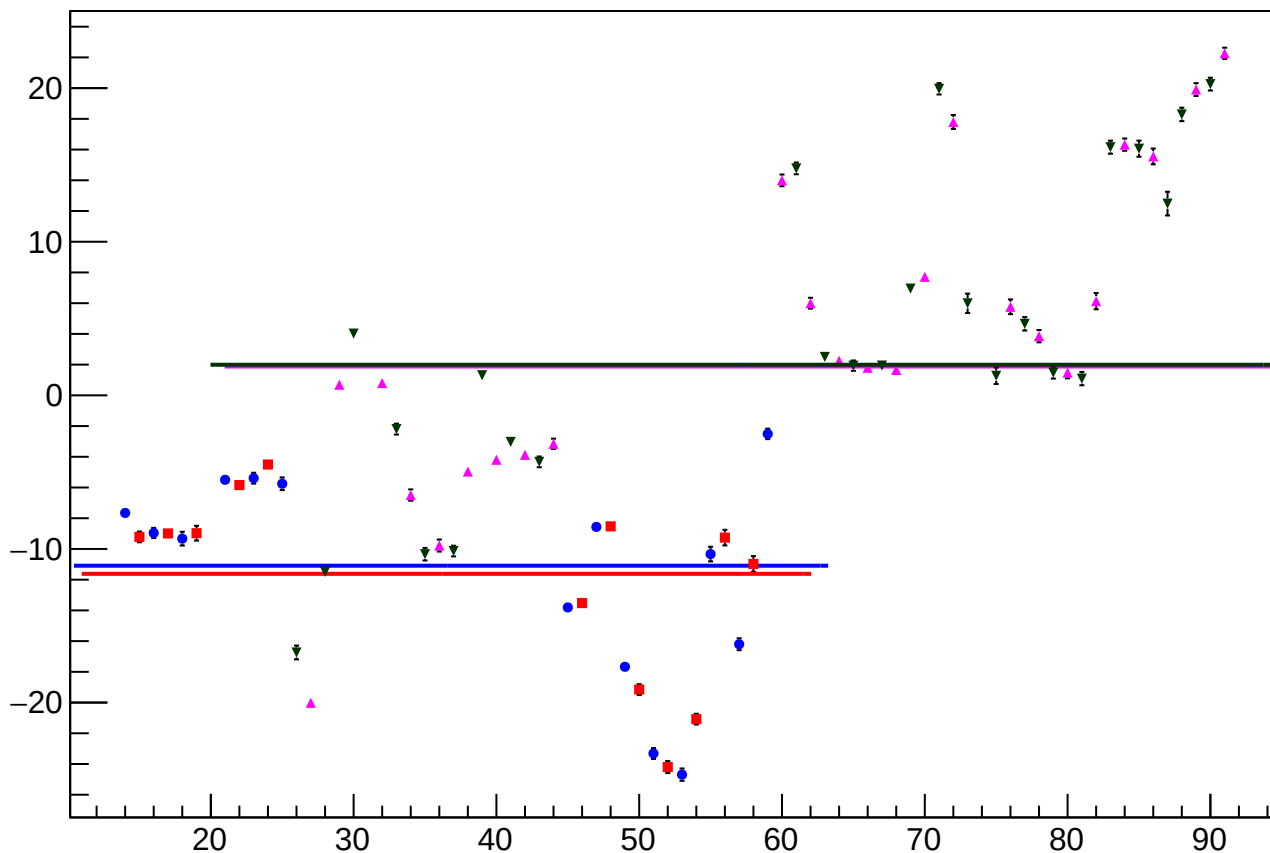
Right Out: -57.780 $\pm$ 0.040 χ^2 /NDF: 27647.2/12

Left In: -58.430 $\pm$ 0.029 χ^2 /NDF: 40260.2/23

-57.597 $\pm$ 0.023 χ^2 /NDF: 73124.0/38

-58.201 $\pm$ 0.024 χ^2 /NDF: 68080.2/36

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -11.090 $\pm$ 0.084 χ^2 /NDF: 5391.6/13

Left Out: 1.992 $\pm$ 0.073 χ^2 /NDF: 16901.3/24

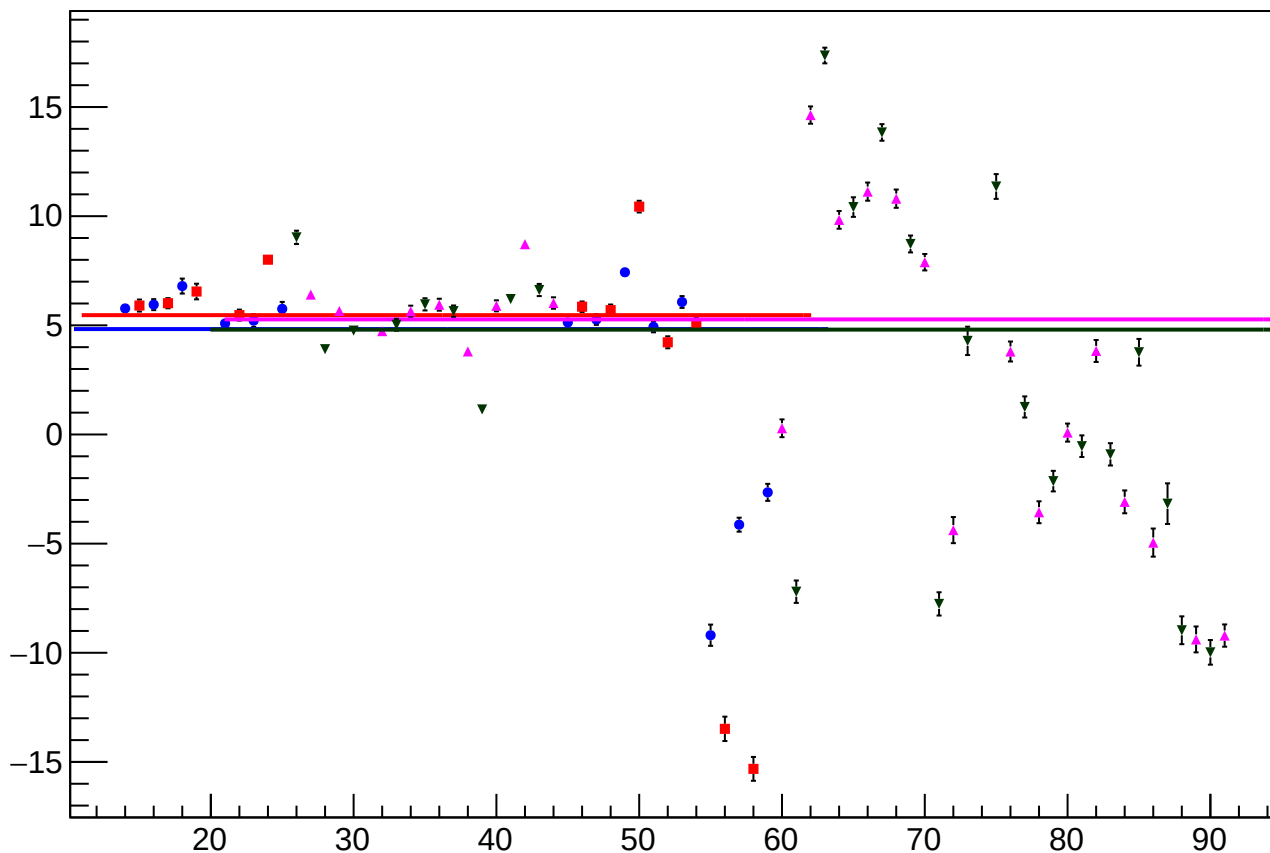
Right Out: -11.619 $\pm$ 0.103 χ^2 /NDF: 3394.6/11

Left In: 1.878 $\pm$ 0.066 χ^2 /NDF: 18531.4/23

-3.645 $\pm$ 0.055 χ^2 /NDF: 36211.4/38

-2.078 $\pm$ 0.056 χ^2 /NDF: 34014.0/35

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 4.828+/-0.066 χ^2/NDF : 2285.5/13

Left Out: 4.804+/-0.066 χ^2/NDF : 5629.0/24

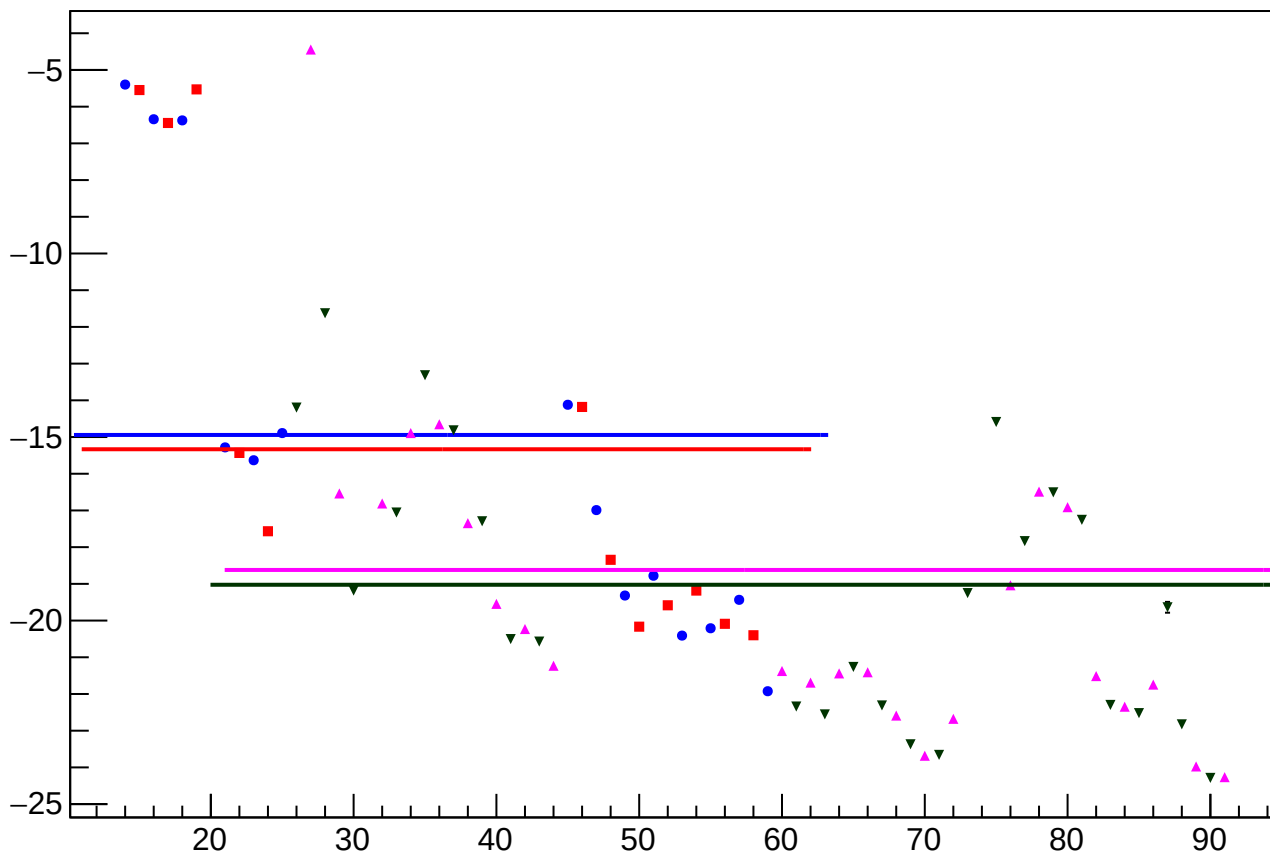
Right Out: 5.466+/-0.080 χ^2/NDF : 3109.8/11

Left In: 5.271+/-0.059 χ^2/NDF : 4327.7/23

4.816+/-0.047 χ^2/NDF : 7914.6/38

5.340+/-0.047 χ^2/NDF : 7441.3/35

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -14.943 ± 0.015 $\chi^2/\text{NDF}: 117866.9/13$

Left Out: -19.025 ± 0.013 $\chi^2/\text{NDF}: 86515.1/24$

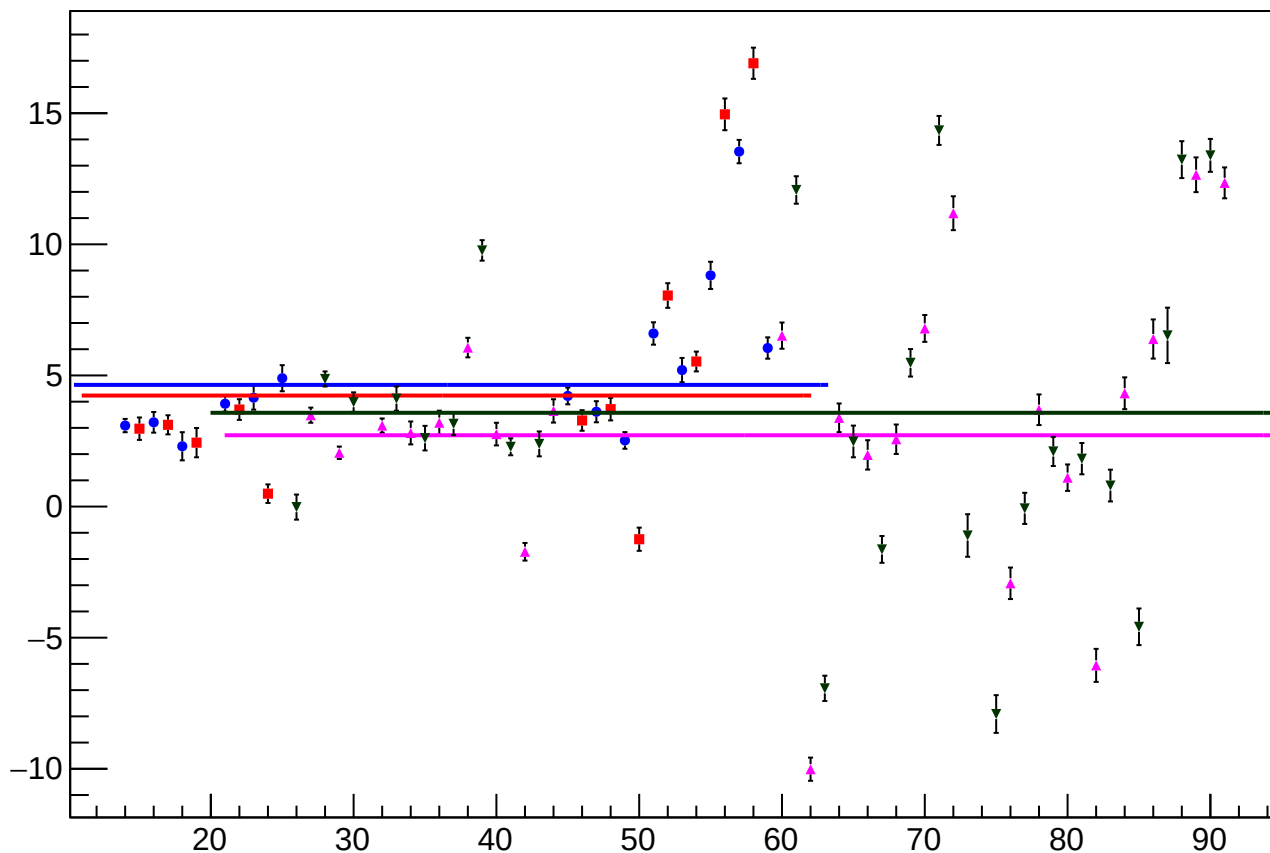
Right Out: -15.333 ± 0.018 $\chi^2/\text{NDF}: 77725.9/11$

Left In: -18.621 ± 0.012 $\chi^2/\text{NDF}: 139389.3/23$

-17.337 ± 0.010 $\chi^2/\text{NDF}: 247044.1/38$

-17.684 ± 0.010 $\chi^2/\text{NDF}: 240172.7/35$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.640 ± 0.102 χ^2/NDF : 626.9/13

Left Out: 3.576 ± 0.099 χ^2/NDF : 2536.4/24

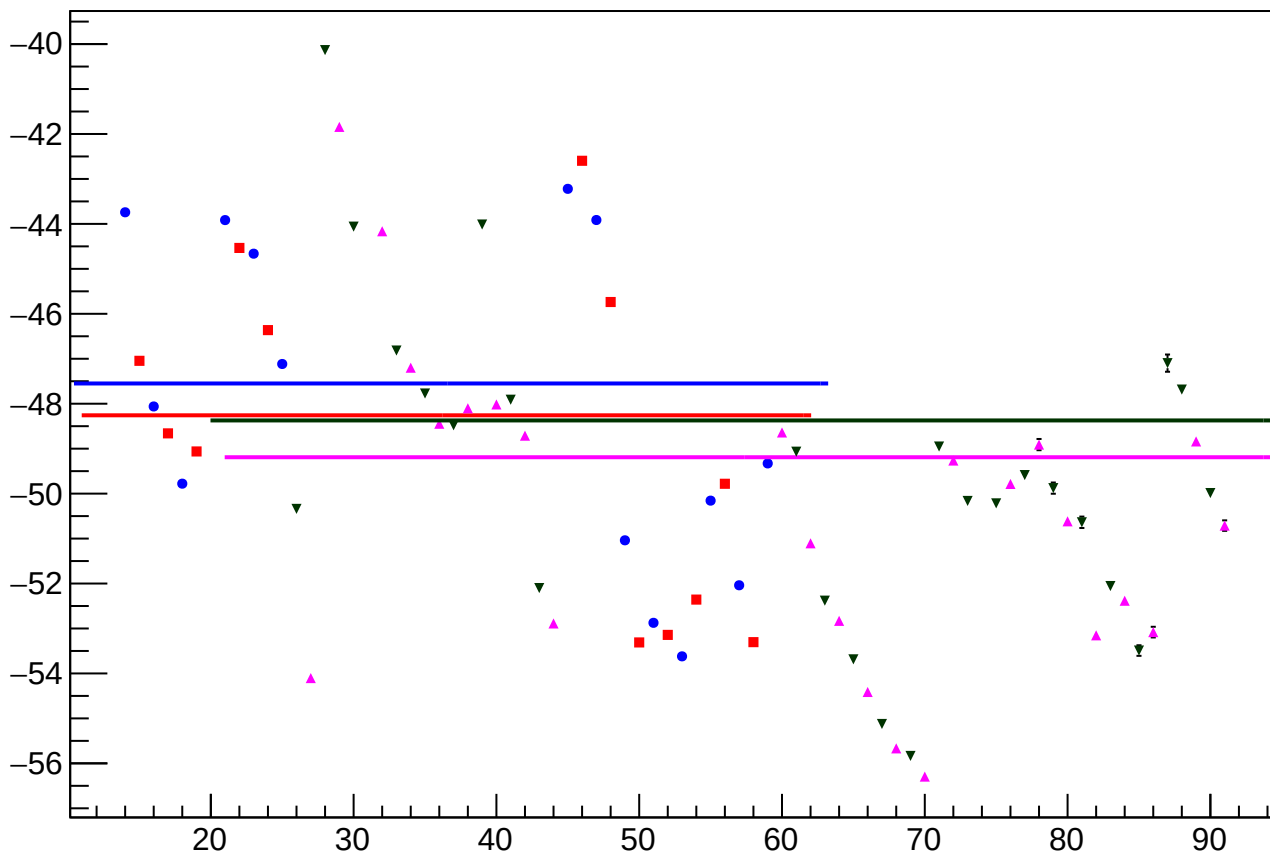
Right Out: 4.234 ± 0.124 χ^2/NDF : 1148.5/11

Left In: 2.719 ± 0.089 χ^2/NDF : 2220.9/23

4.090 ± 0.071 χ^2/NDF : 3219.7/38

3.231 ± 0.072 χ^2/NDF : 3467.8/35

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.550 $\pm$ 0.020 χ^2 /NDF: 32751.9/13

Left Out: -48.372 $\pm$ 0.018 χ^2 /NDF: 52871.2/24

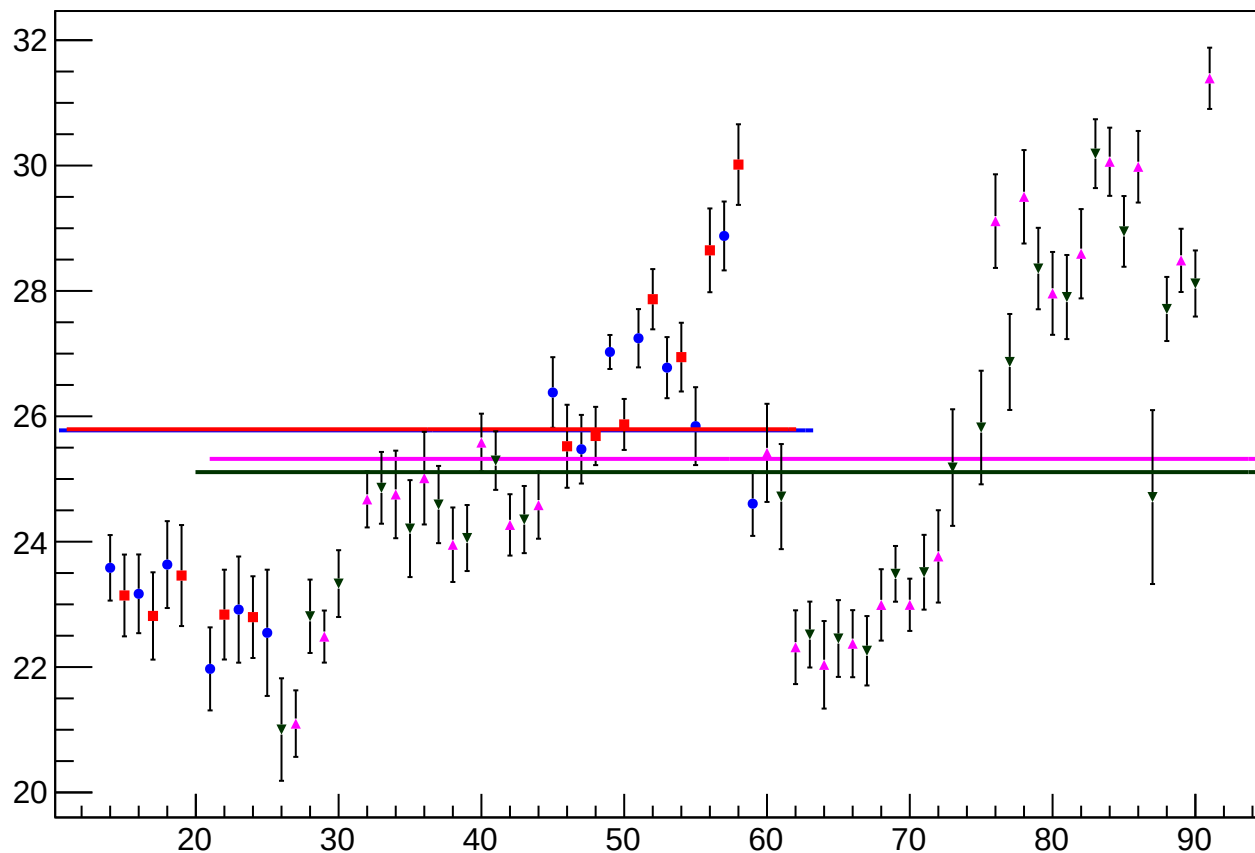
Right Out: -48.258 $\pm$ 0.023 χ^2 /NDF: 23049.5/11

Left In: -49.191 $\pm$ 0.018 χ^2 /NDF: 52725.0/23

-48.005 $\pm$ 0.013 χ^2 /NDF: 86575.7/38

-48.846 $\pm$ 0.014 χ^2 /NDF: 76822.0/35

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.776 $\pm$ 0.139 χ^2 /NDF: 173.0/13

Left Out: 25.110 $\pm$ 0.120 χ^2 /NDF: 389.1/24

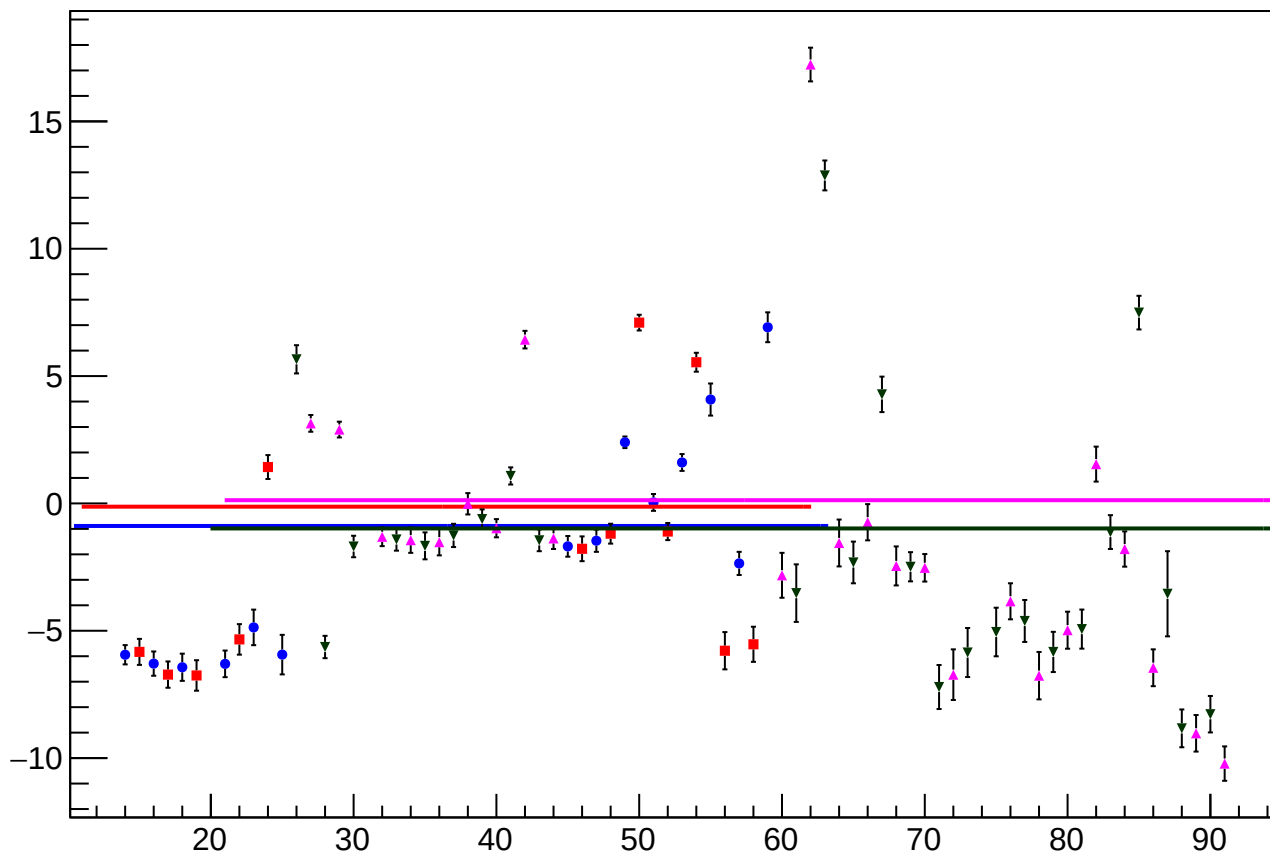
Right Out: 25.793 $\pm$ 0.168 χ^2 /NDF: 166.0/11

Left In: 25.321 $\pm$ 0.114 χ^2 /NDF: 686.4/23

25.395 $\pm$ 0.091 χ^2 /NDF: 575.2/38

25.470 $\pm$ 0.094 χ^2 /NDF: 857.8/35

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -0.885 ± 0.111 χ^2/NDF : 1125.4/13

Left Out: -0.983 ± 0.115 χ^2/NDF : 1493.3/24

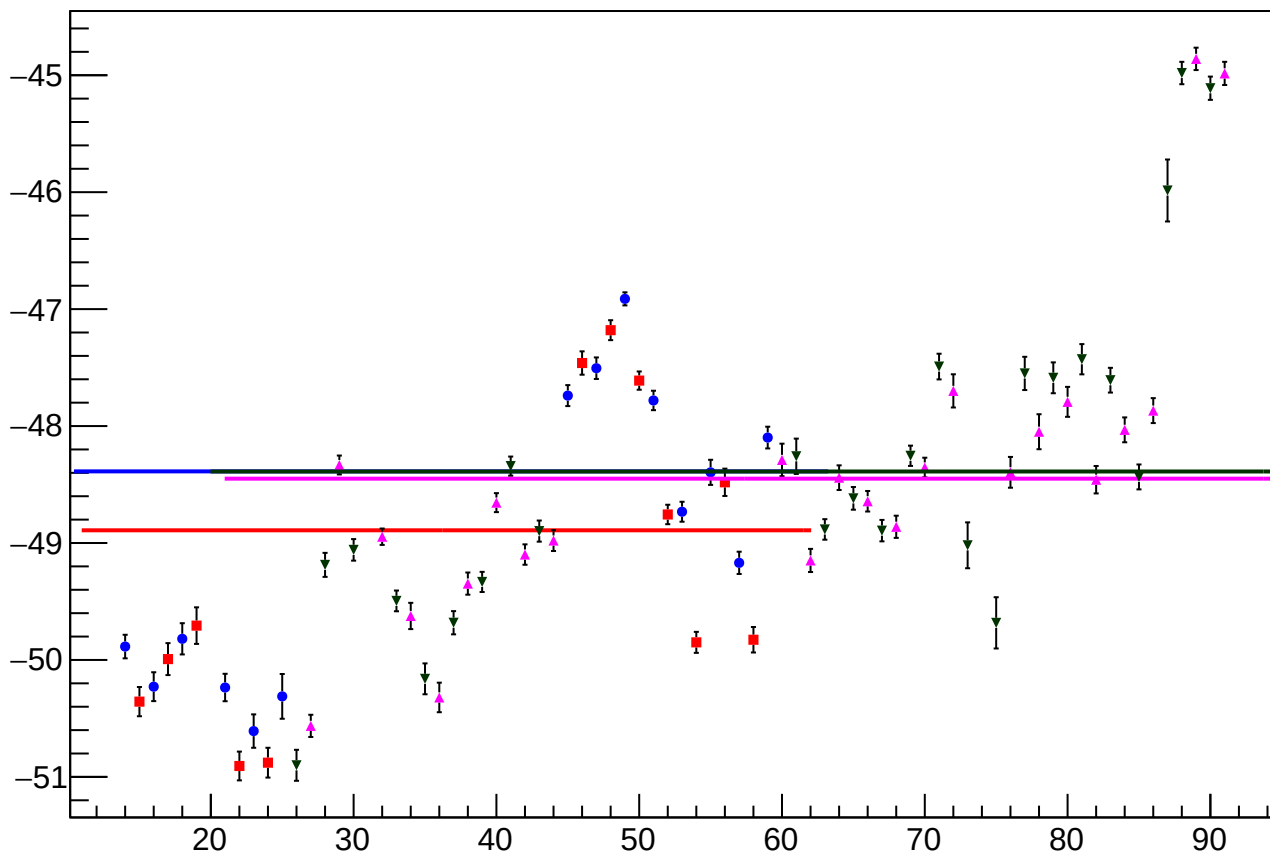
Right Out: -0.128 ± 0.130 χ^2/NDF : 1427.0/11

Left In: 0.126 ± 0.105 χ^2/NDF : 1949.2/23

-0.933 ± 0.080 χ^2/NDF : 2619.1/38

0.026 ± 0.082 χ^2/NDF : 3378.5/35

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.387 $\pm$ 0.026 χ^2 /NDF: 2138.1/13

Left Out: -48.388 $\pm$ 0.021 χ^2 /NDF: 3931.4/24

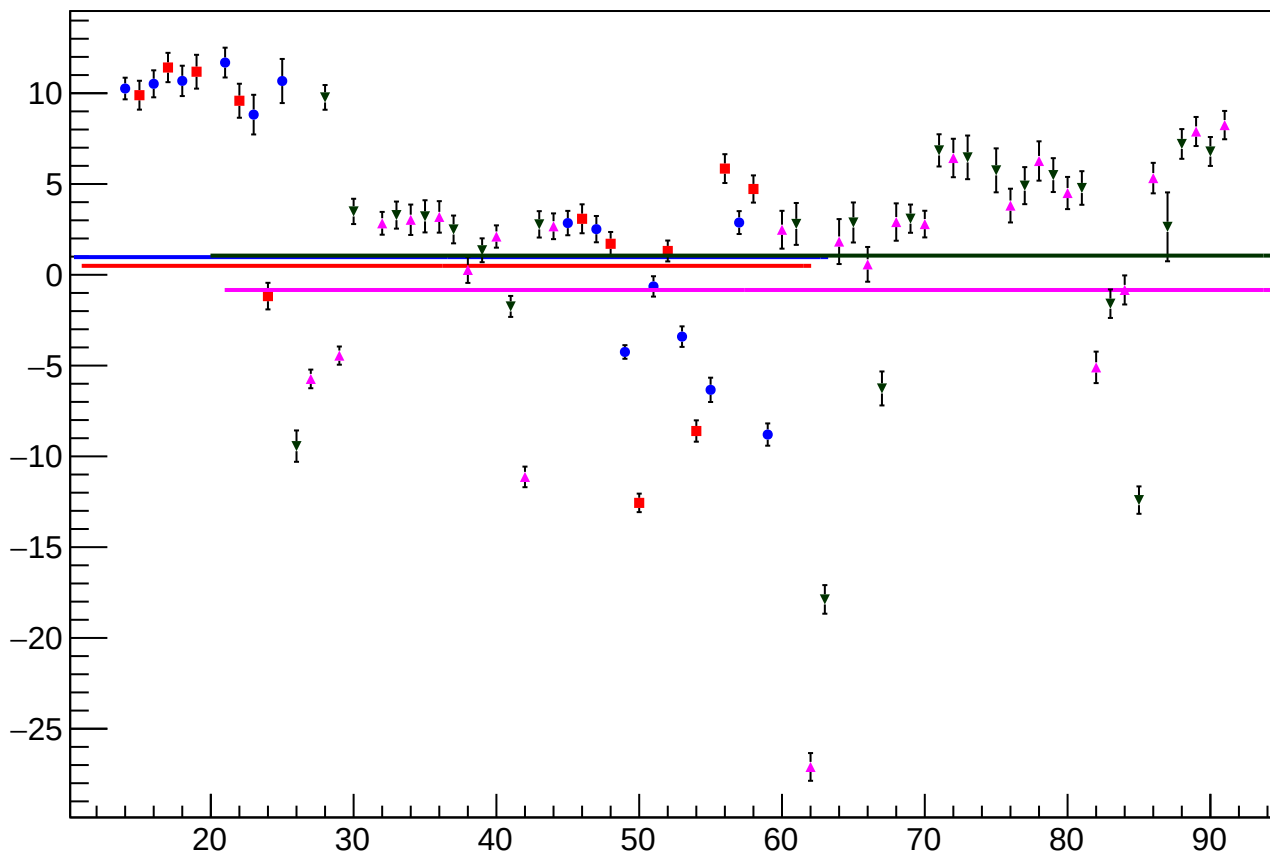
Right Out: -48.891 $\pm$ 0.030 χ^2 /NDF: 1821.3/11

Left In: -48.450 $\pm$ 0.020 χ^2 /NDF: 3876.5/23

-48.388 $\pm$ 0.016 χ^2 /NDF: 6069.5/38

-48.589 $\pm$ 0.017 χ^2 /NDF: 5846.8/35

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 0.973 ± 0.171 χ^2/NDF : 1484.9/13

Left Out: 1.057 ± 0.166 χ^2/NDF : 1592.0/24

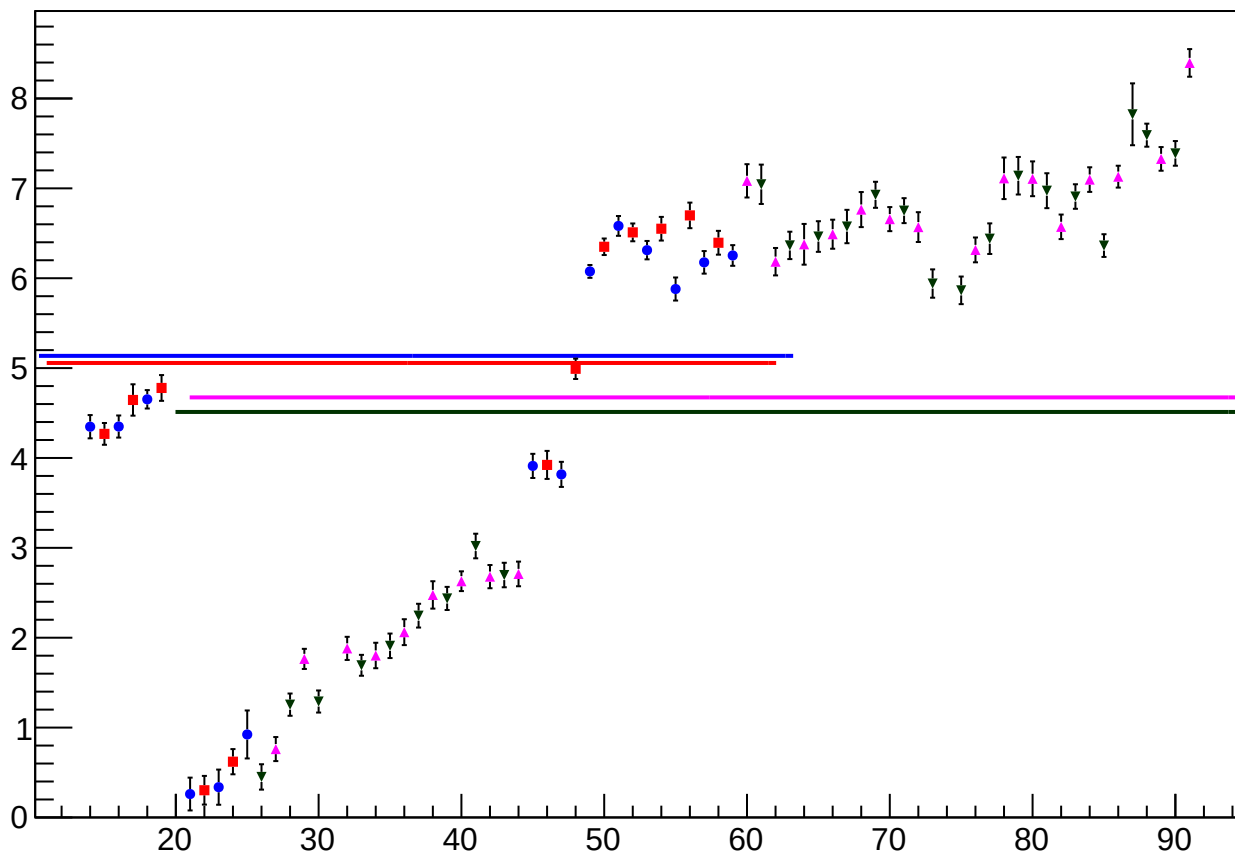
Right Out: 0.493 ± 0.203 χ^2/NDF : 1544.5/11

Left In: -0.837 ± 0.155 χ^2/NDF : 2321.4/23

1.016 ± 0.119 χ^2/NDF : 3077.0/38

-0.346 ± 0.123 χ^2/NDF : 3893.0/35

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.136 $\pm$ 0.032 χ^2 /NDF: 2510.5/13

Left Out: 4.512 $\pm$ 0.029 χ^2 /NDF: 7321.4/24

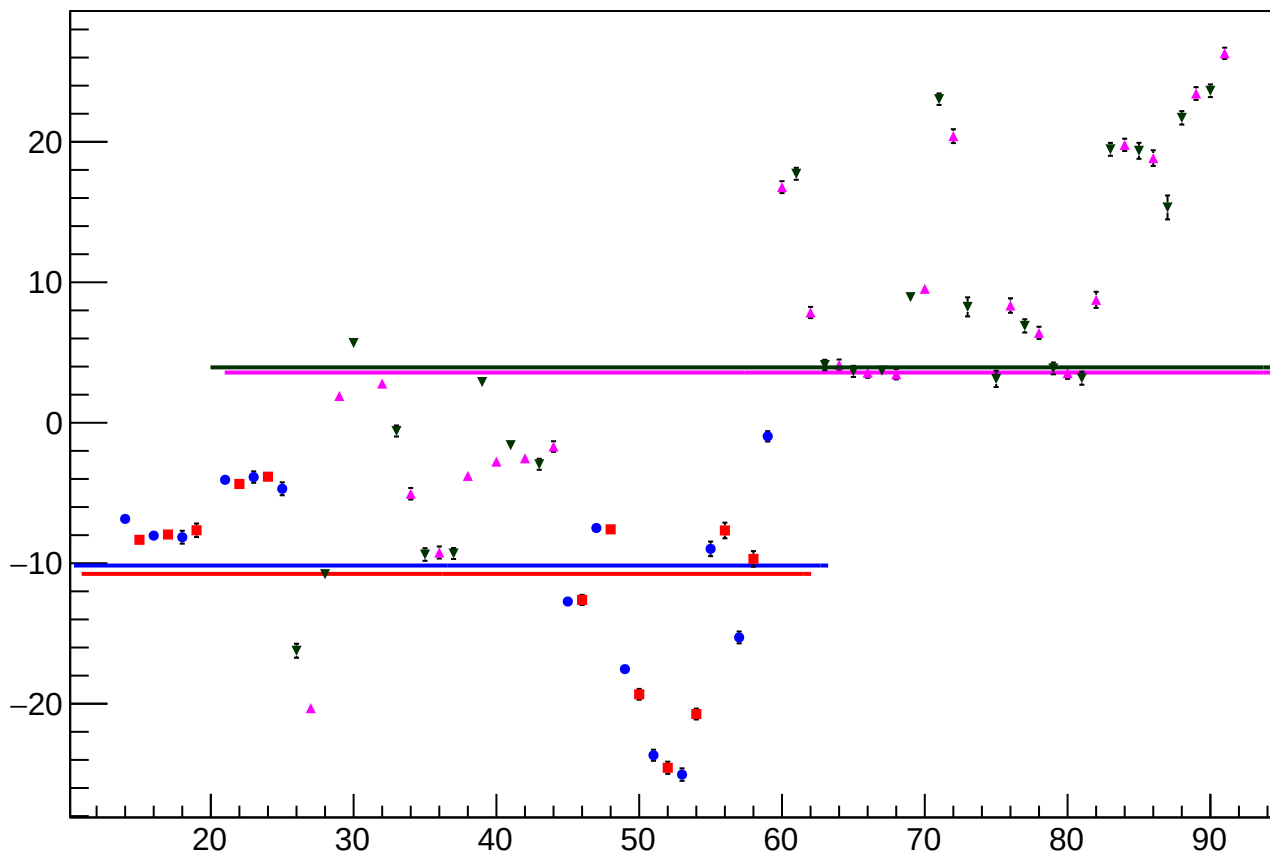
Right Out: 5.057 $\pm$ 0.037 χ^2 /NDF: 2769.7/11

Left In: 4.674 $\pm$ 0.029 χ^2 /NDF: 6968.4/23

4.796 $\pm$ 0.022 χ^2 /NDF: 10038.4/38

4.824 $\pm$ 0.023 χ^2 /NDF: 9804.4/35

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -10.163 ± 0.090 $\chi^2/\text{NDF}: 5205.6/13$

Left Out: 3.943 ± 0.081 $\chi^2/\text{NDF}: 16139.7/24$

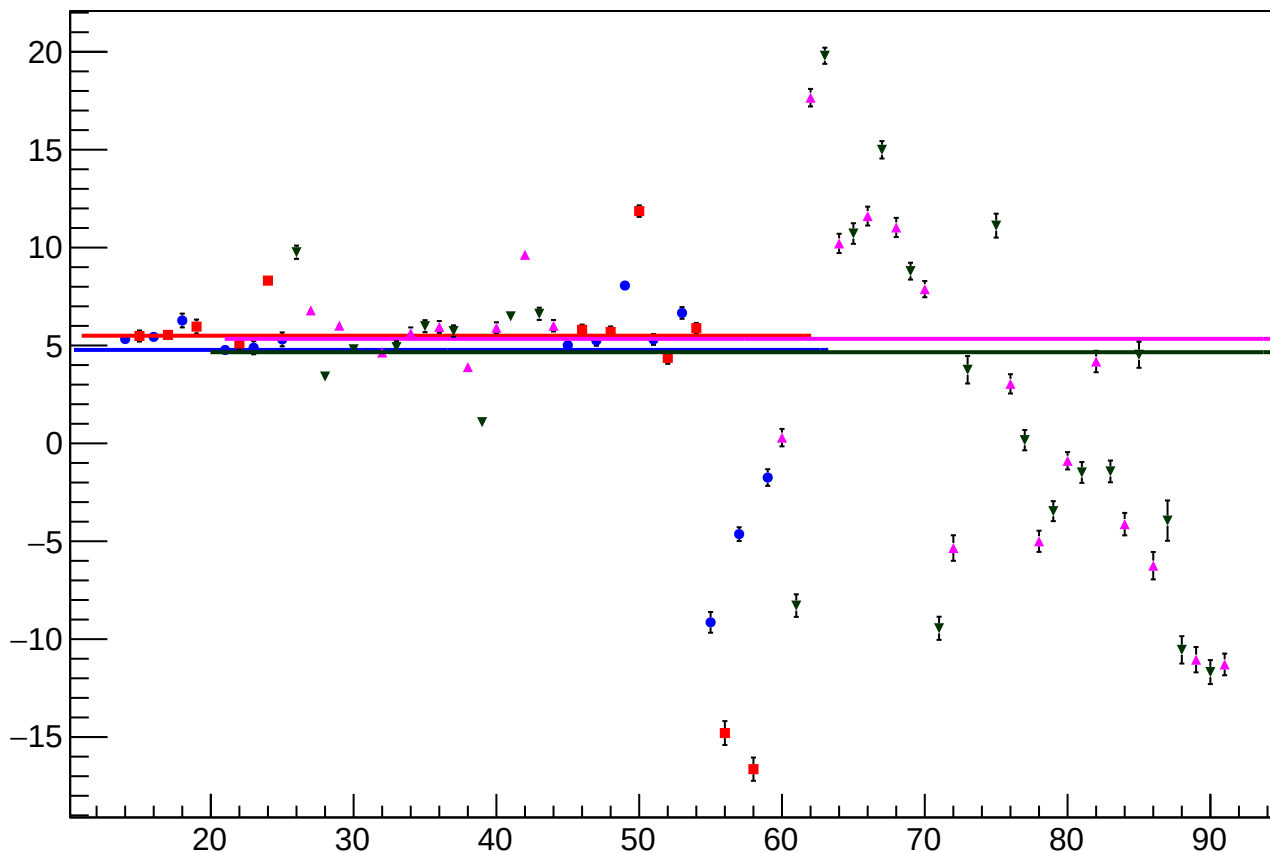
Right Out: -10.757 ± 0.112 $\chi^2/\text{NDF}: 3207.4/11$

Left In: 3.577 ± 0.074 $\chi^2/\text{NDF}: 19223.0/23$

-2.357 ± 0.060 $\chi^2/\text{NDF}: 34814.0/38$

-0.794 ± 0.062 $\chi^2/\text{NDF}: 33843.9/35$

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 4.774 ± 0.071 χ^2/NDF : 1972.0/13

Left Out: 4.656 ± 0.074 χ^2/NDF : 5743.4/24

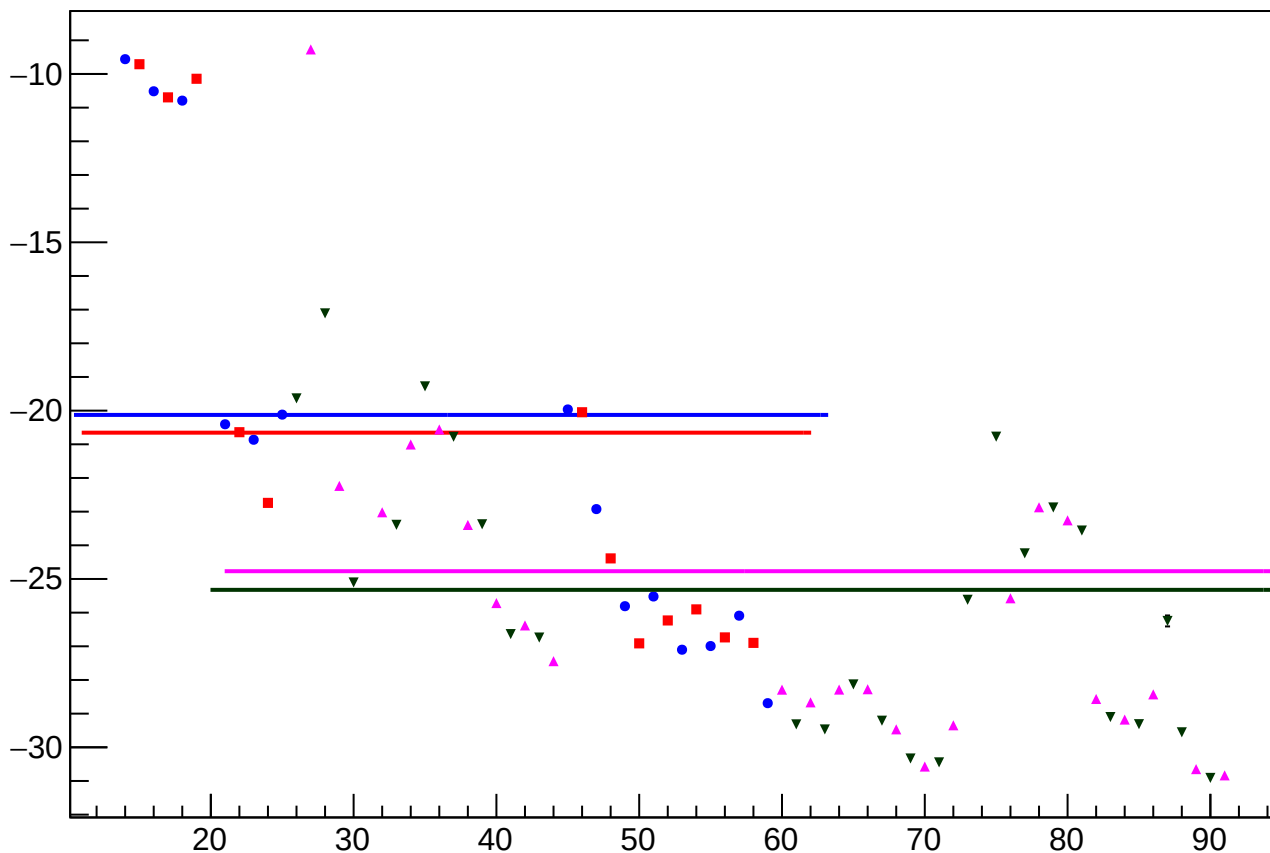
Right Out: 5.498 ± 0.086 χ^2/NDF : 3109.7/11

Left In: 5.339 ± 0.065 χ^2/NDF : 4757.6/23

4.718 ± 0.051 χ^2/NDF : 7716.7/38

5.397 ± 0.052 χ^2/NDF : 7869.5/35

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -20.127 ± 0.016 $\chi^2/\text{NDF}: 151308.5/13$

Left Out: -25.323 ± 0.014 $\chi^2/\text{NDF}: 85480.7/24$

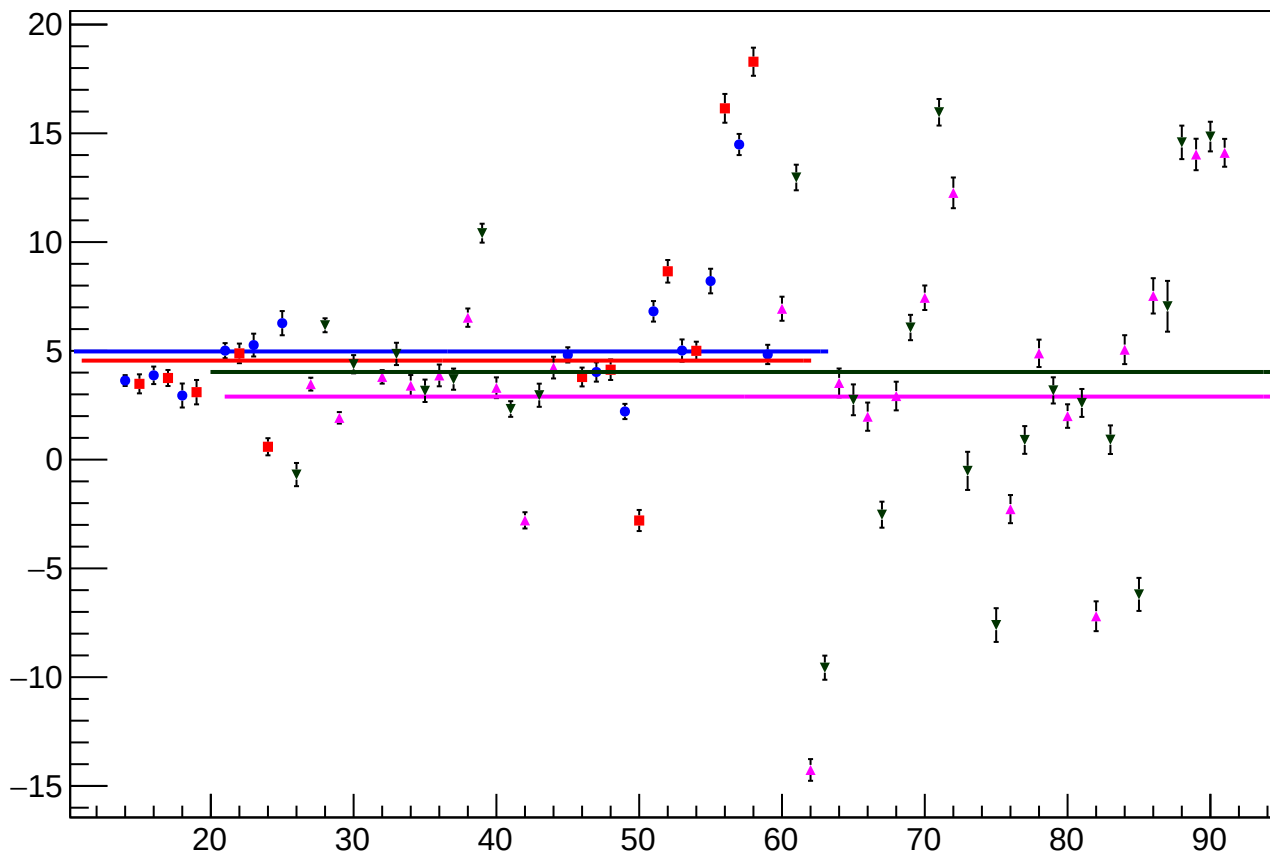
Right Out: -20.654 ± 0.020 $\chi^2/\text{NDF}: 96075.2/11$

Left In: -24.769 ± 0.013 $\chi^2/\text{NDF}: 150984.8/23$

-23.092 ± 0.011 $\chi^2/\text{NDF}: 293965.8/38$

-23.549 ± 0.011 $\chi^2/\text{NDF}: 277037.2/35$

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.973 $\pm$ 0.110 χ^2 /NDF: 553.9/13

Left Out: 4.029 $\pm$ 0.110 χ^2 /NDF: 2654.1/24

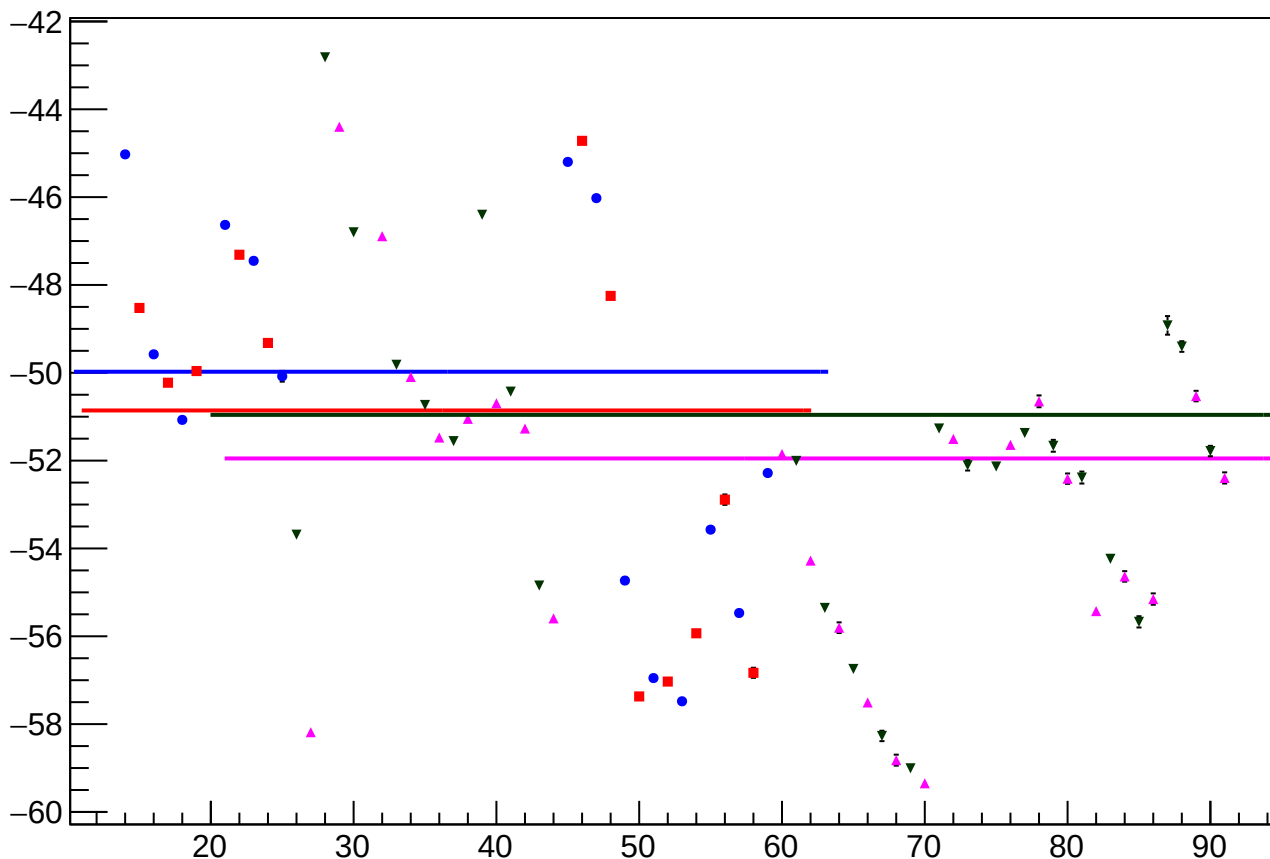
Right Out: 4.552 $\pm$ 0.134 χ^2 /NDF: 1175.8/11

Left In: 2.897 $\pm$ 0.098 χ^2 /NDF: 2705.5/23

4.501 $\pm$ 0.078 χ^2 /NDF: 3245.0/38

3.473 $\pm$ 0.079 χ^2 /NDF: 3980.0/35

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.976 ± 0.021 $\chi^2/\text{NDF}: 39888.6/13$

Left Out: -50.958 ± 0.020 $\chi^2/\text{NDF}: 42983.9/24$

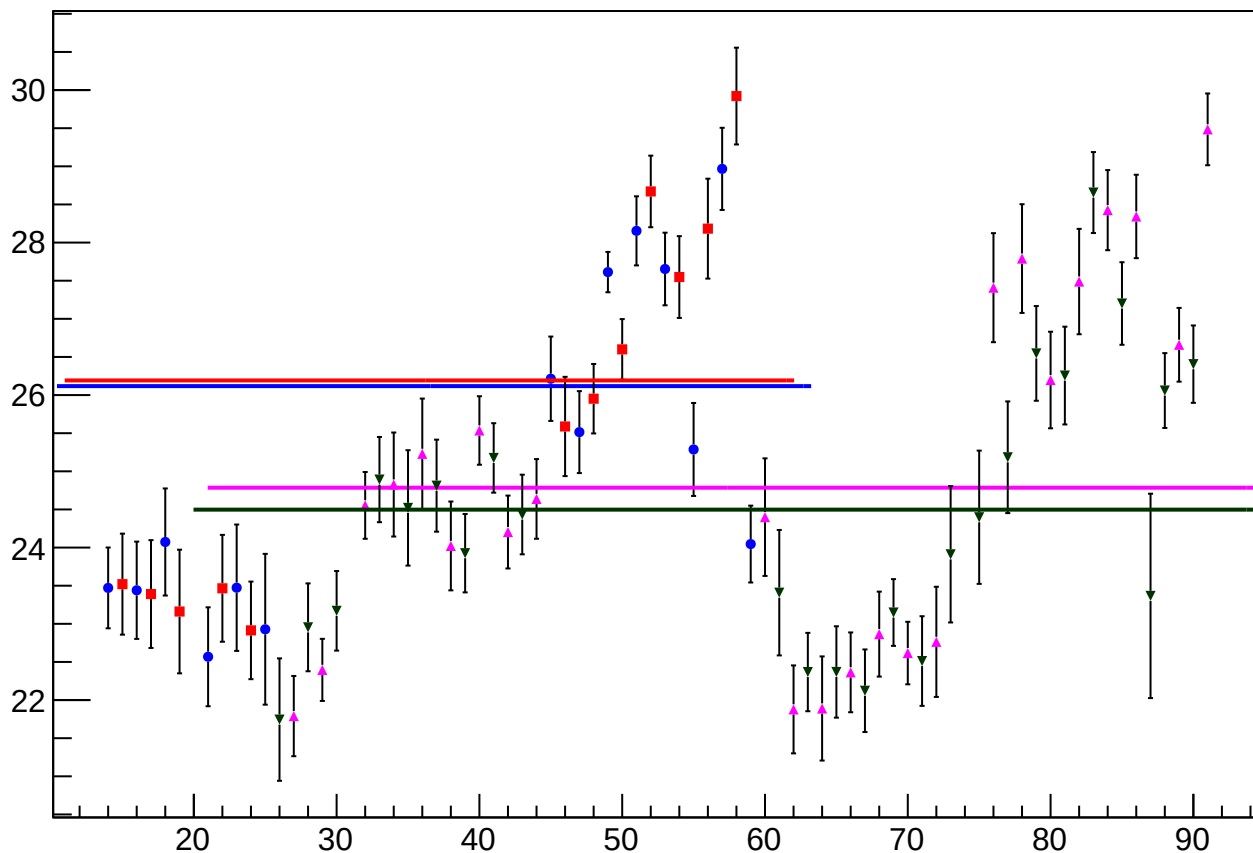
Right Out: -50.858 ± 0.025 $\chi^2/\text{NDF}: 26148.8/11$

Left In: -51.951 ± 0.019 $\chi^2/\text{NDF}: 46194.9/23$

-50.505 ± 0.015 $\chi^2/\text{NDF}: 84011.7/38$

-51.533 ± 0.015 $\chi^2/\text{NDF}: 73552.4/35$

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 26.117 $\pm$ 0.137 χ^2 /NDF: 212.1/13

Left Out: 24.497 $\pm$ 0.117 χ^2 /NDF: 232.4/24

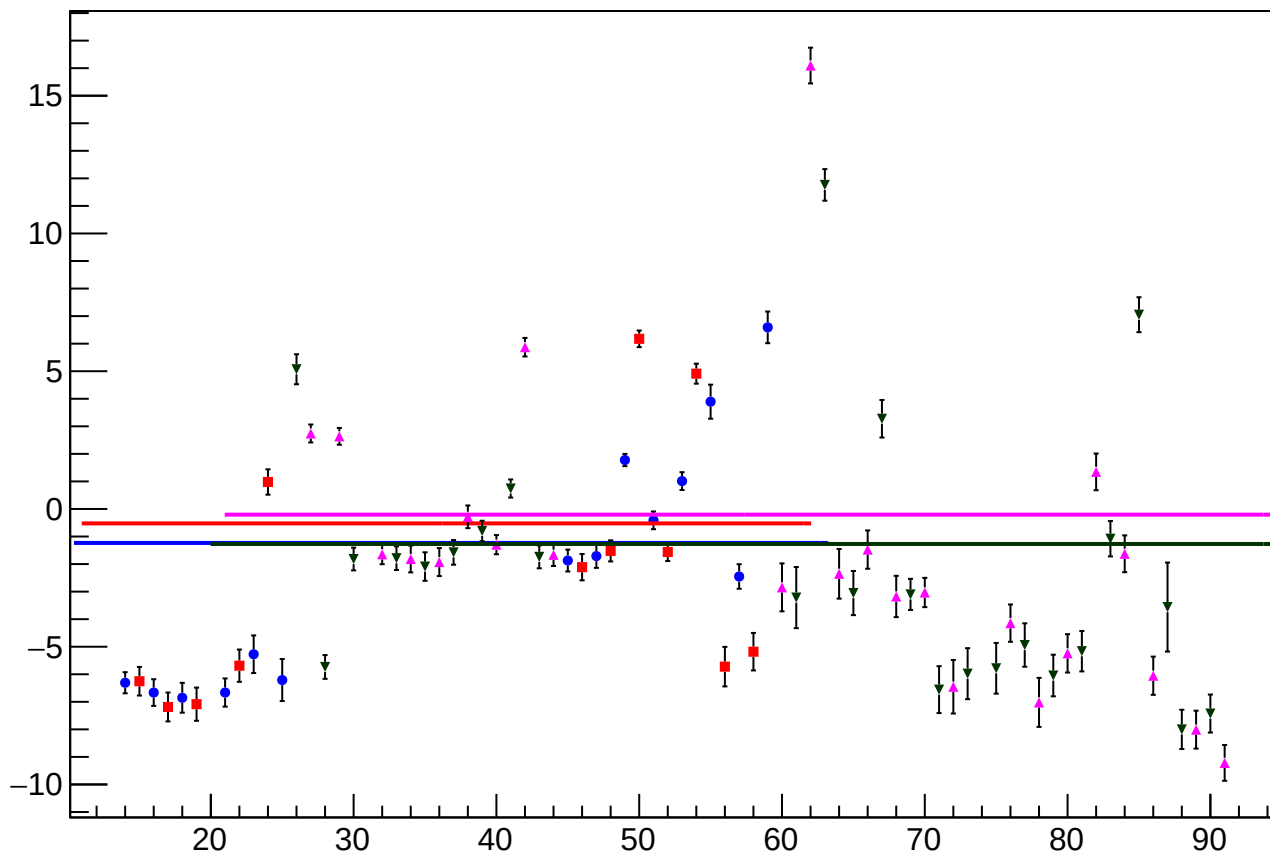
Right Out: 26.192 $\pm$ 0.165 χ^2 /NDF: 167.5/11

Left In: 24.785 $\pm$ 0.111 χ^2 /NDF: 442.8/23

25.182 $\pm$ 0.089 χ^2 /NDF: 525.1/38

25.224 $\pm$ 0.092 χ^2 /NDF: 660.2/35

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.233 ± 0.109 $\chi^2/\text{NDF}: 1102.3/13$

Left Out: -1.270 ± 0.112 $\chi^2/\text{NDF}: 1390.2/24$

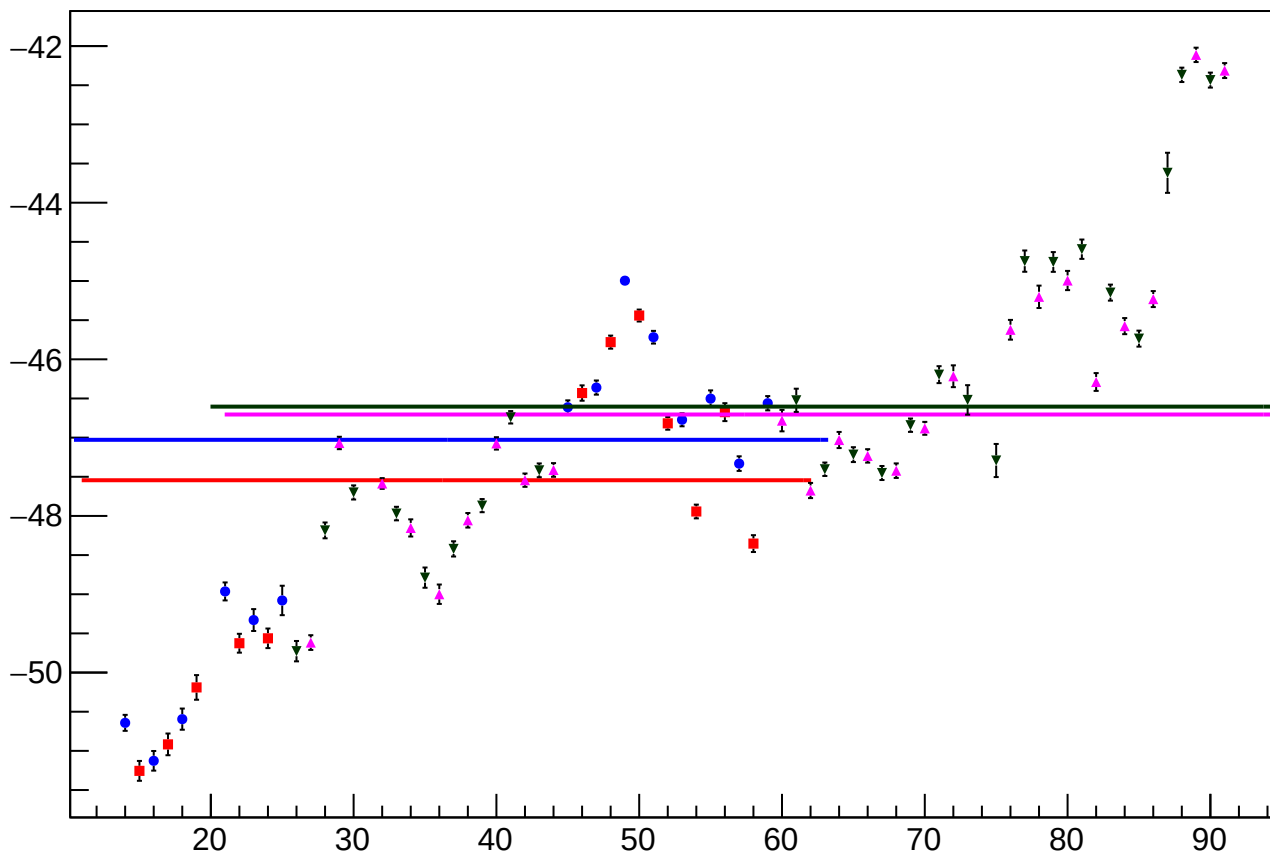
Right Out: -0.524 ± 0.128 $\chi^2/\text{NDF}: 1336.6/11$

Left In: -0.207 ± 0.103 $\chi^2/\text{NDF}: 1836.5/23$

-1.251 ± 0.078 $\chi^2/\text{NDF}: 2492.6/38$

-0.331 ± 0.080 $\chi^2/\text{NDF}: 3176.8/35$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.028 ± 0.025 $\chi^2/\text{NDF}: 5490.8/13$

Left Out: -46.604 ± 0.021 $\chi^2/\text{NDF}: 7520.0/24$

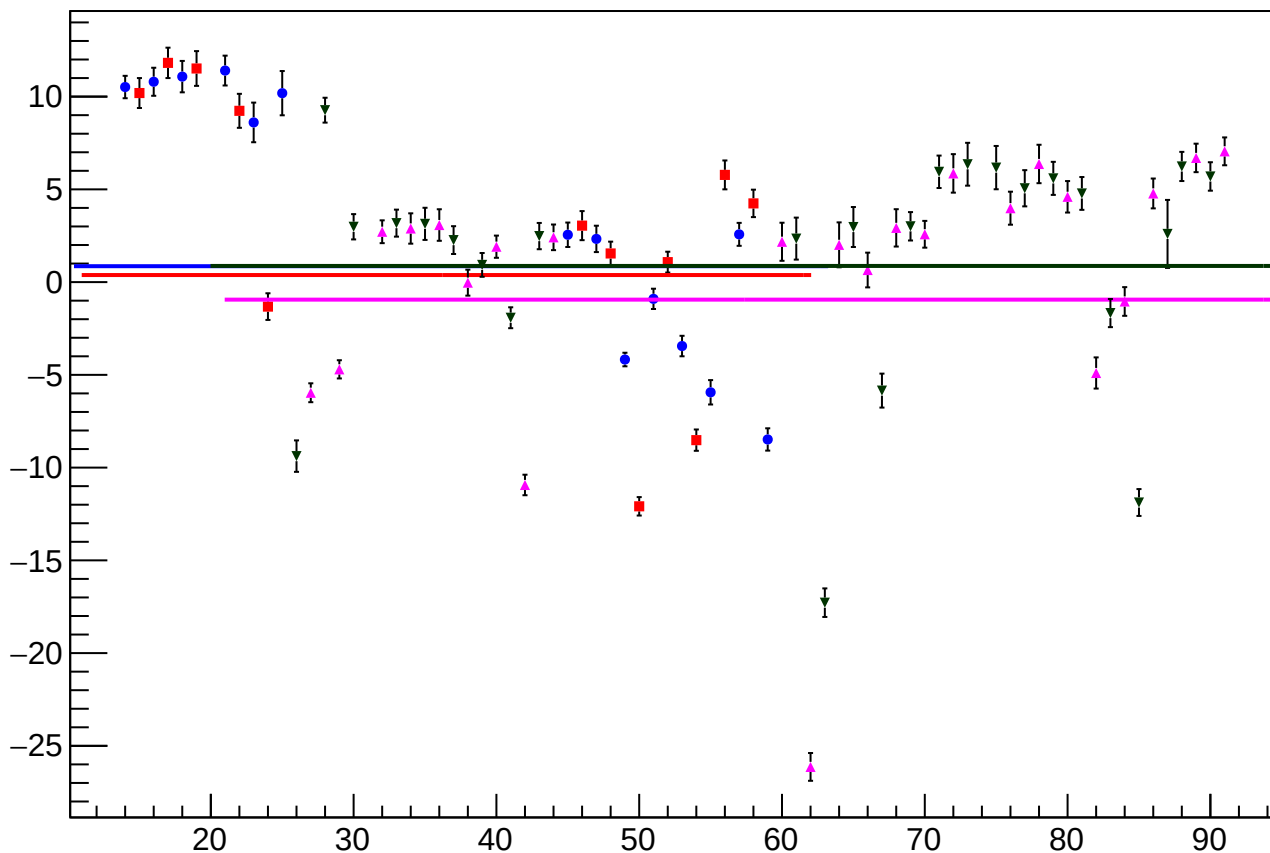
Right Out: -47.544 ± 0.029 $\chi^2/\text{NDF}: 3840.2/11$

Left In: -46.705 ± 0.020 $\chi^2/\text{NDF}: 7627.7/23$

-46.776 ± 0.016 $\chi^2/\text{NDF}: 13179.4/38$

-46.965 ± 0.016 $\chi^2/\text{NDF}: 12027.1/35$

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.858 ± 0.169 χ^2/NDF : 1487.3/13

Left Out: 0.872 ± 0.162 χ^2/NDF : 1536.9/24

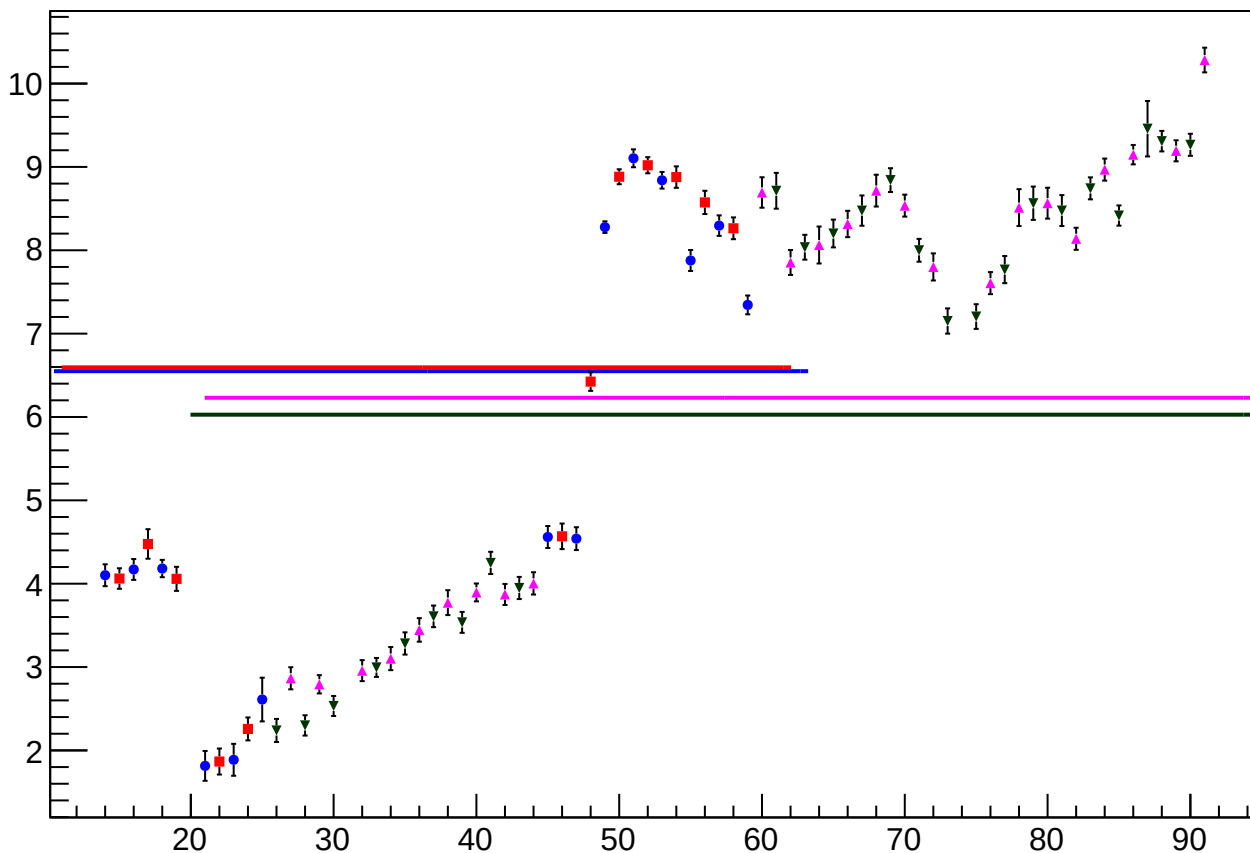
Right Out: 0.381 ± 0.200 χ^2/NDF : 1543.6/11

Left In: -0.945 ± 0.151 χ^2/NDF : 2249.2/23

0.865 ± 0.117 χ^2/NDF : 3024.2/38

-0.462 ± 0.120 χ^2/NDF : 3820.8/35

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.549+/-0.032 χ^2/NDF : 5260.3/13

Left Out: 6.028+/-0.028 χ^2/NDF : 8912.5/24

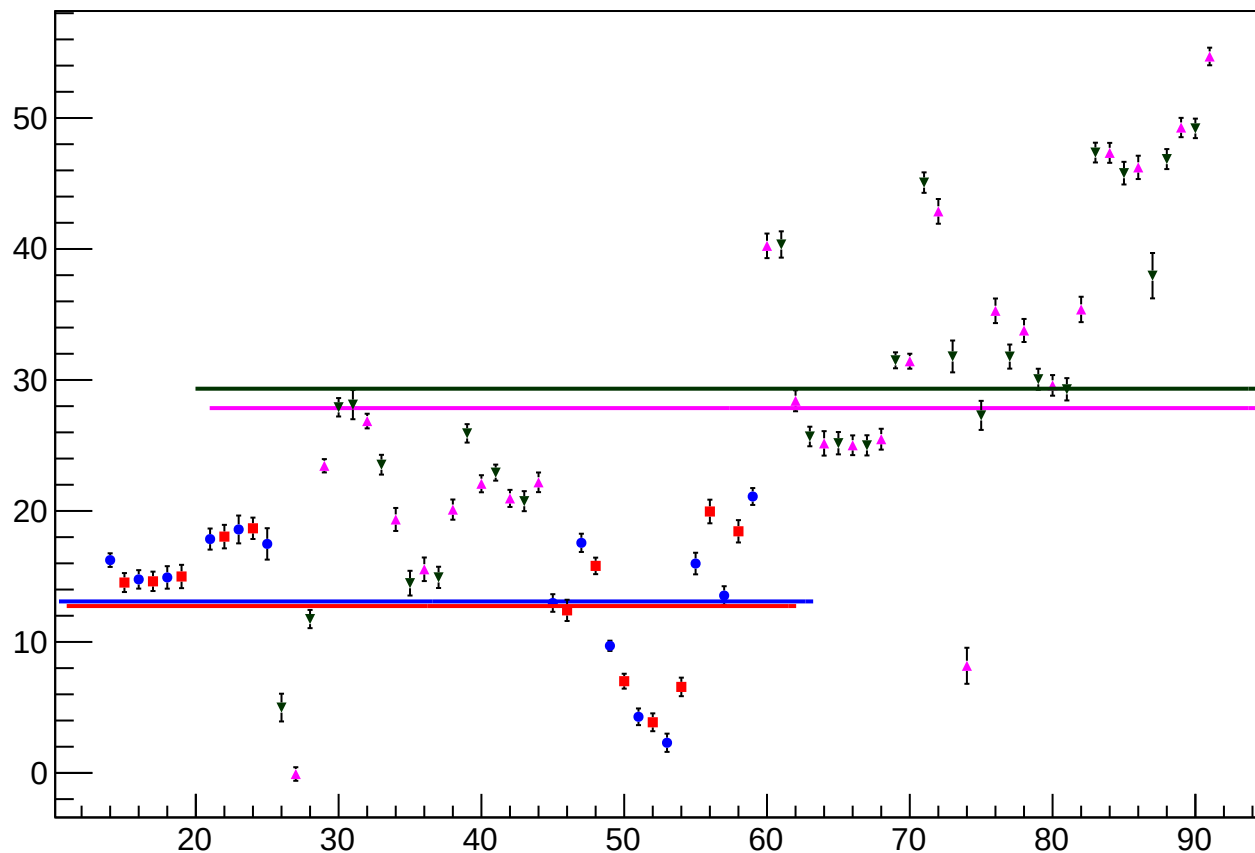
Right Out: 6.595+/-0.036 χ^2/NDF : 4917.4/11

Left In: 6.231+/-0.029 χ^2/NDF : 8619.2/23

6.261+/-0.021 χ^2/NDF : 14322.9/38

6.371+/-0.022 χ^2/NDF : 13599.0/35

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 13.093+/-0.179 χ^2/NDF : 836.6/13

Left Out: 29.334+/-0.160 χ^2/NDF : 4883.3/25

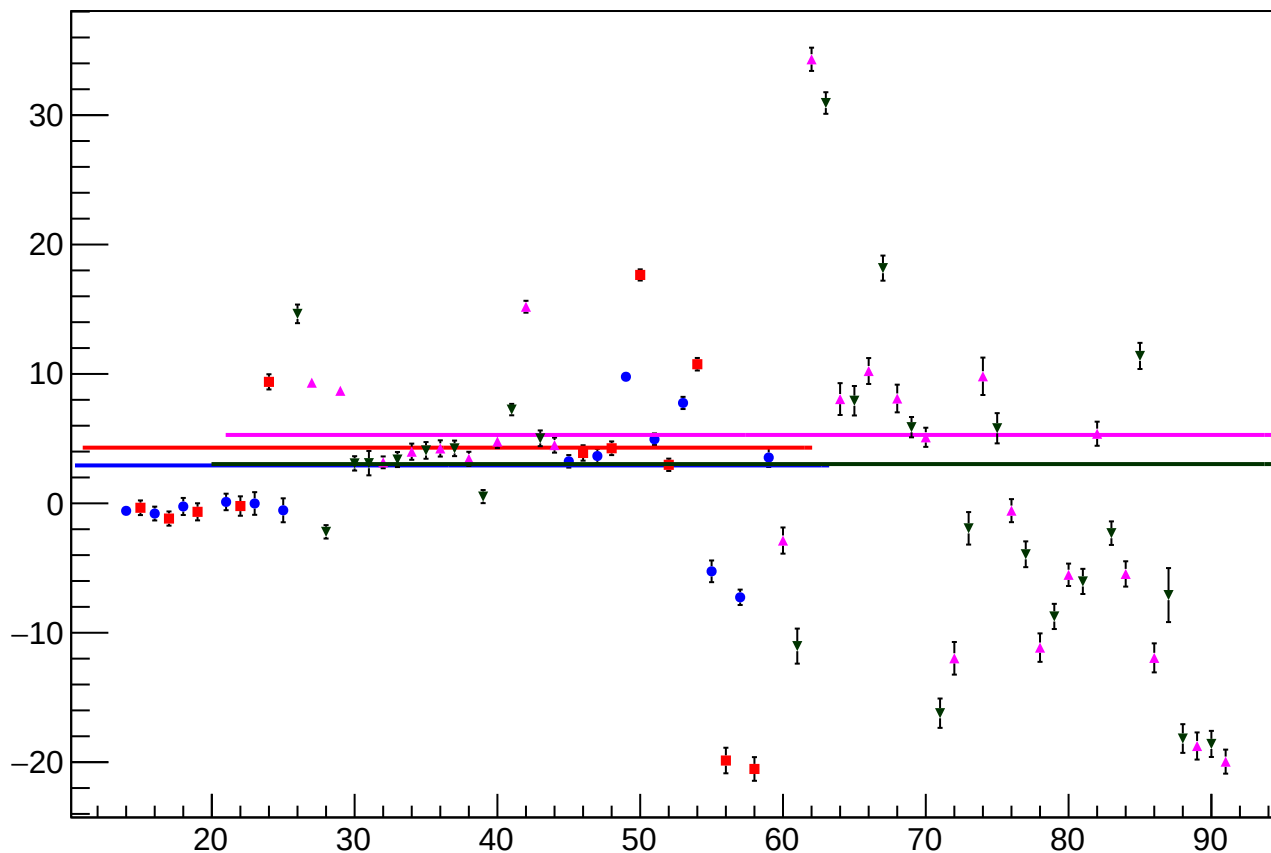
Right Out: 12.739+/-0.215 χ^2/NDF : 586.8/11

Left In: 27.852+/-0.148 χ^2/NDF : 8001.8/24

22.127+/-0.119 χ^2/NDF : 10320.2/39

22.983+/-0.122 χ^2/NDF : 11935.7/36

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 2.930 ± 0.141 χ^2/NDF : 1155.0/13

Left Out: 3.035 ± 0.149 χ^2/NDF : 3541.1/25

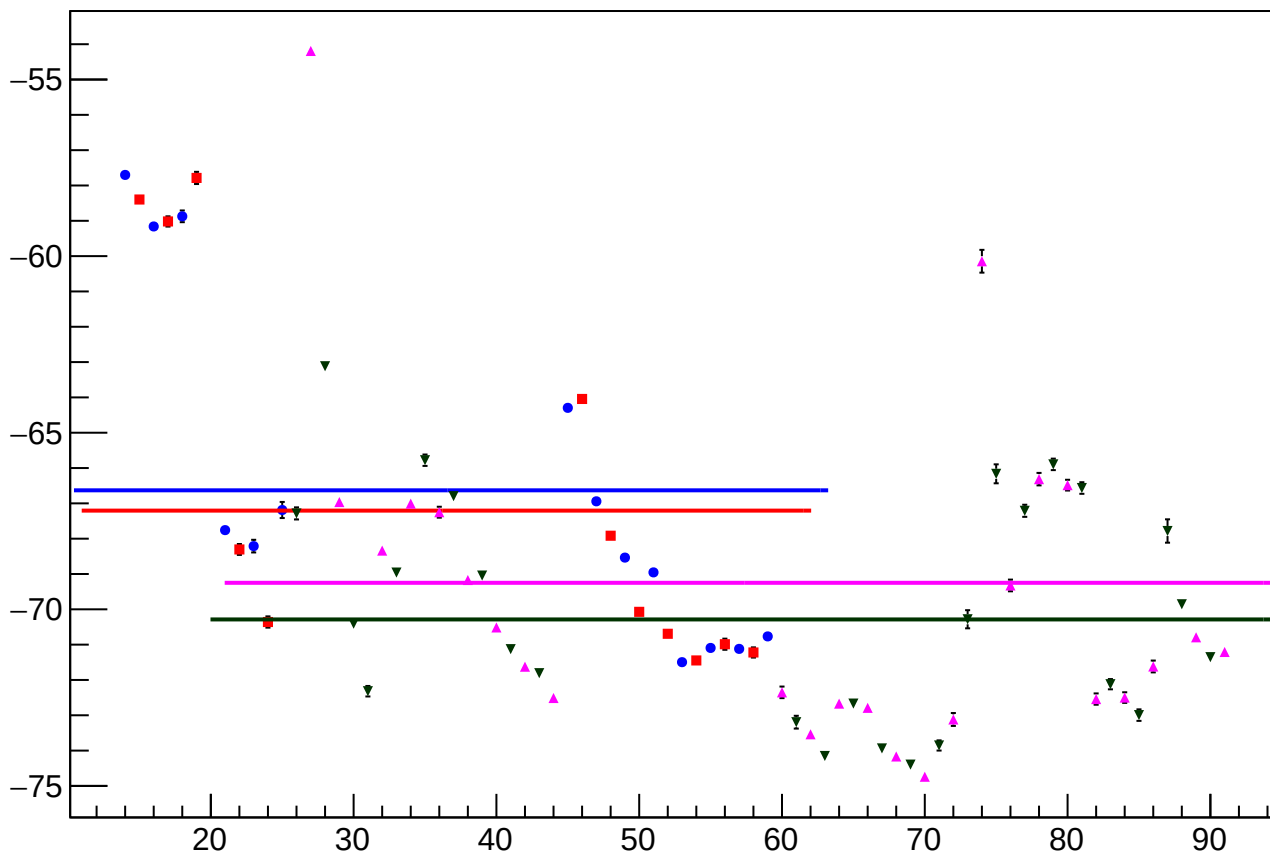
Right Out: 4.304 ± 0.167 χ^2/NDF : 2809.0/11

Left In: 5.287 ± 0.132 χ^2/NDF : 4132.5/24

2.980 ± 0.103 χ^2/NDF : 4696.3/39

4.909 ± 0.103 χ^2/NDF : 6963.0/36

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.631 $\pm$ 0.033 χ^2 /NDF: 19733.9/13

Left Out: -70.287 $\pm$ 0.028 χ^2 /NDF:12390.8/25

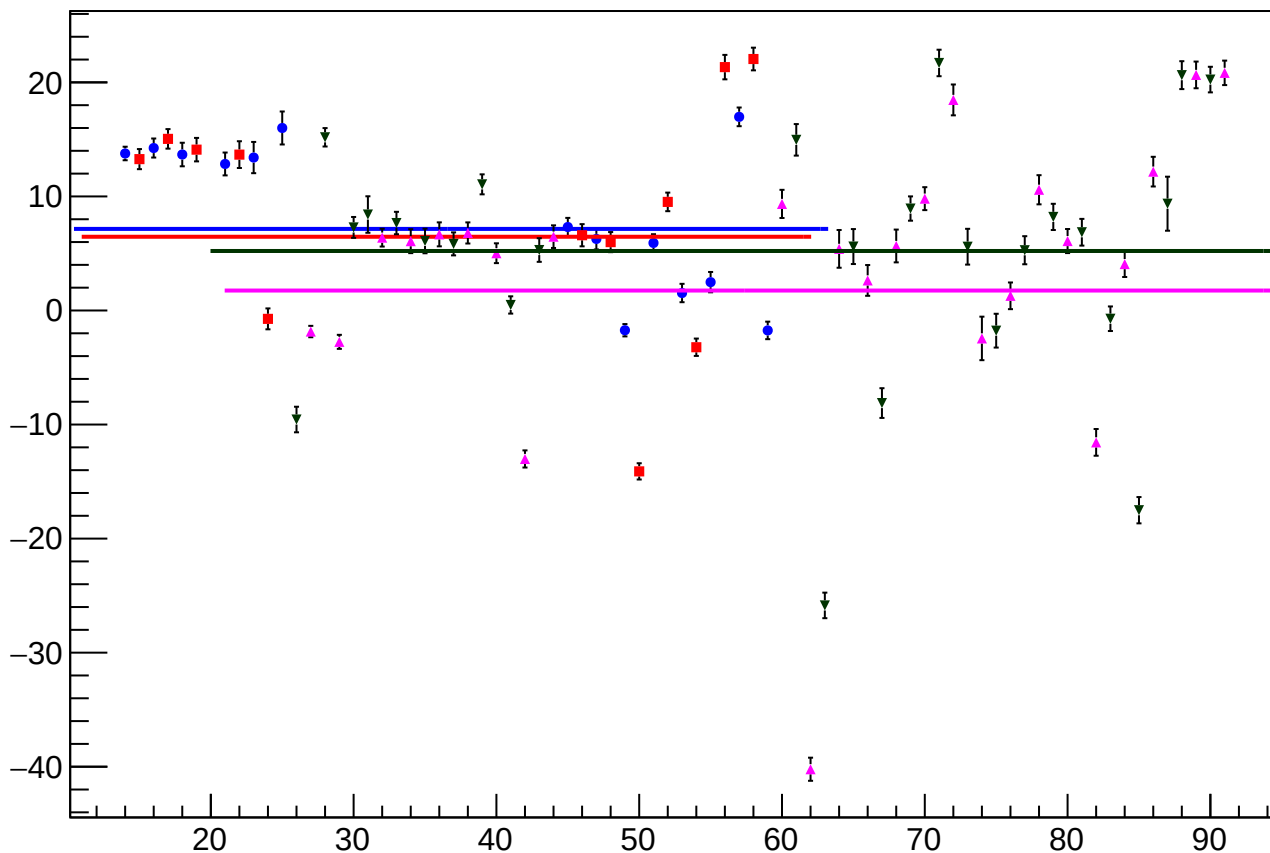
Right Out: -67.205 $\pm$ 0.038 χ^2 /NDF: 15582.0/11

Left In: -69.249 $\pm$ 0.026 χ^2 /NDF:38079.1/24

-68.735 $\pm$ 0.021 χ^2 /NDF: 39313.3/39

-68.596 $\pm$ 0.022 χ^2 /NDF: 55578.9/36

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.153 ± 0.218 χ^2/NDF : 954.7/13

Left Out: 5.217 ± 0.218 χ^2/NDF : 2354.6/25

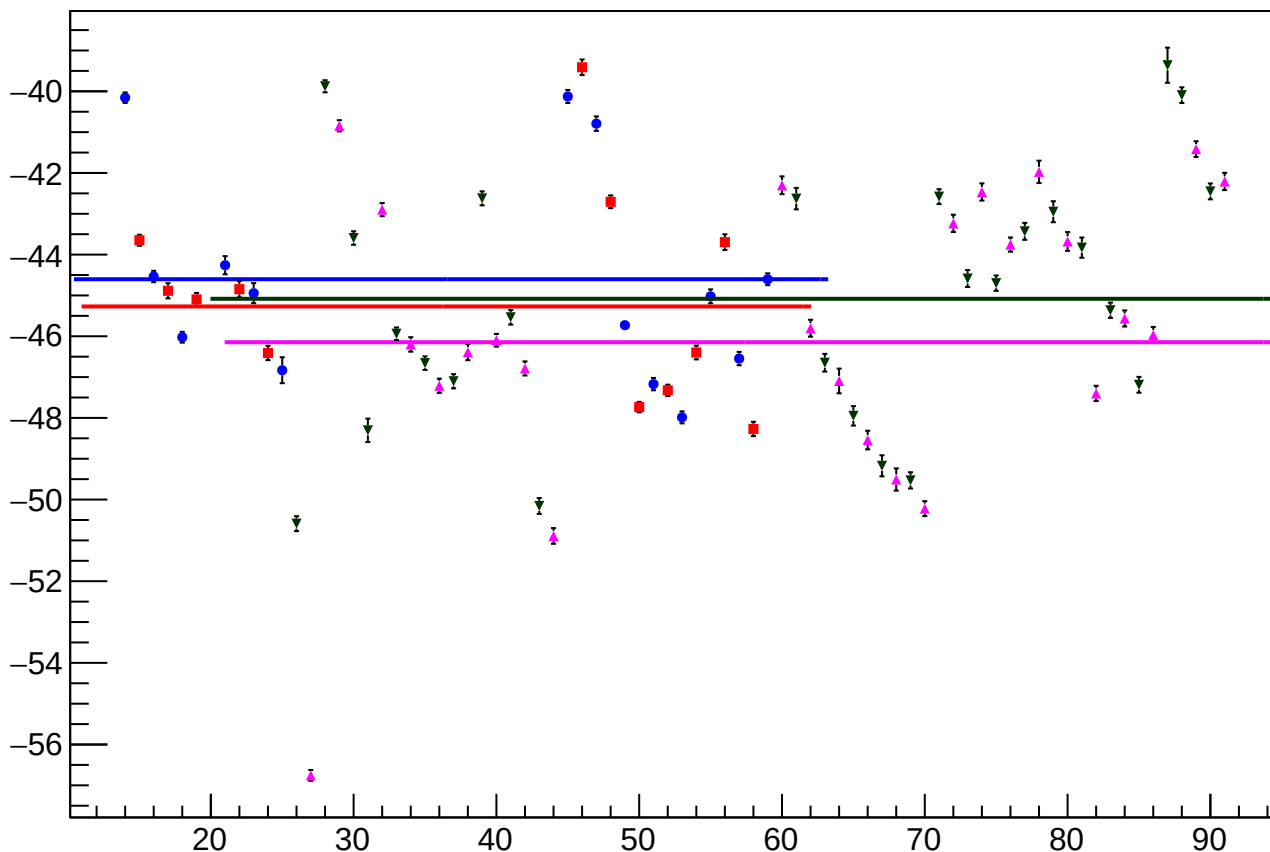
Right Out: 6.465 ± 0.259 χ^2/NDF : 1761.2/11

Left In: 1.749 ± 0.196 χ^2/NDF : 3459.4/24

6.187 ± 0.154 χ^2/NDF : 3348.8/39

3.463 ± 0.156 χ^2/NDF : 5432.0/36

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.603+/-0.041 χ^2/NDF : 3680.8/13

Left Out: -45.082+/-0.039 χ^2/NDF : 6030.5/25

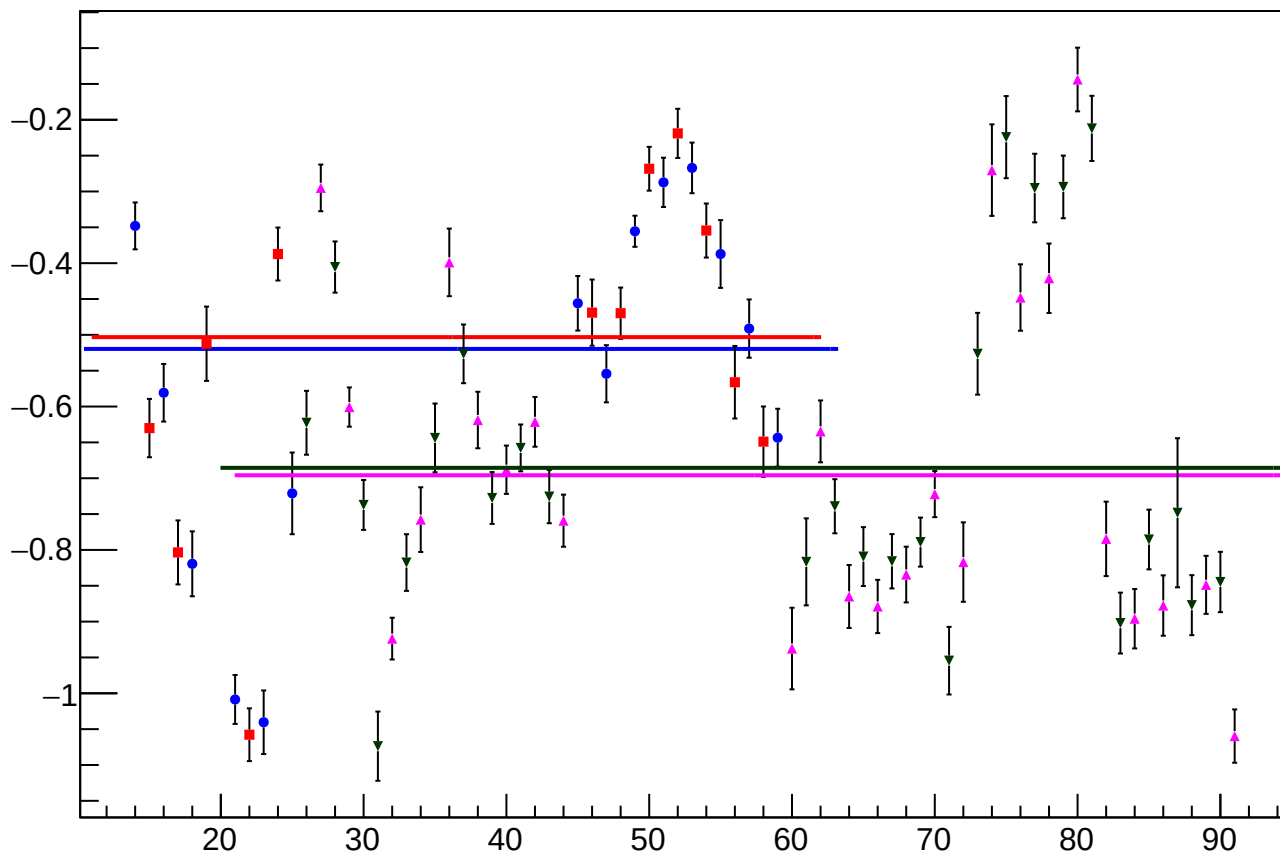
Right Out: -45.270+/-0.047 χ^2/NDF : 2392.7/11

Left In: -46.145+/-0.038 χ^2/NDF : 12119.1/24

-44.858+/-0.028 χ^2/NDF : 9783.3/39

-45.800+/-0.029 χ^2/NDF : 14722.8/36

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.520 ± 0.010 χ^2/NDF : 604.8/13

Left Out: -0.685 ± 0.008 χ^2/NDF : 625.6/25

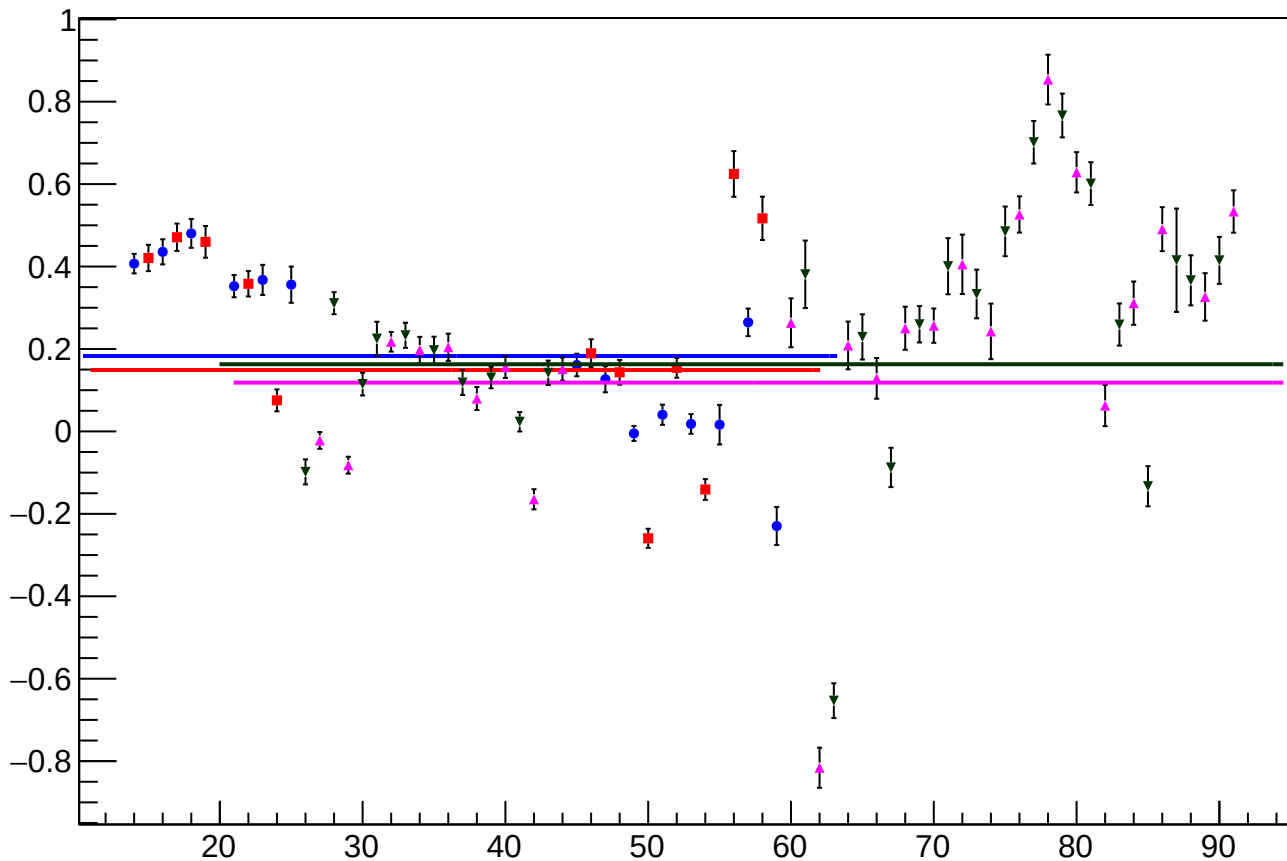
Right Out: -0.503 ± 0.011 χ^2/NDF : 446.9/11

Left In: -0.696 ± 0.008 χ^2/NDF : 770.0/24

-0.616 ± 0.006 χ^2/NDF : 1398.3/39

-0.634 ± 0.006 χ^2/NDF : 1409.0/36

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.183 $\pm$ 0.008 χ^2 /NDF: 602.0/13

Left Out: 0.163 $\pm$ 0.008 χ^2 /NDF:1004.6/25

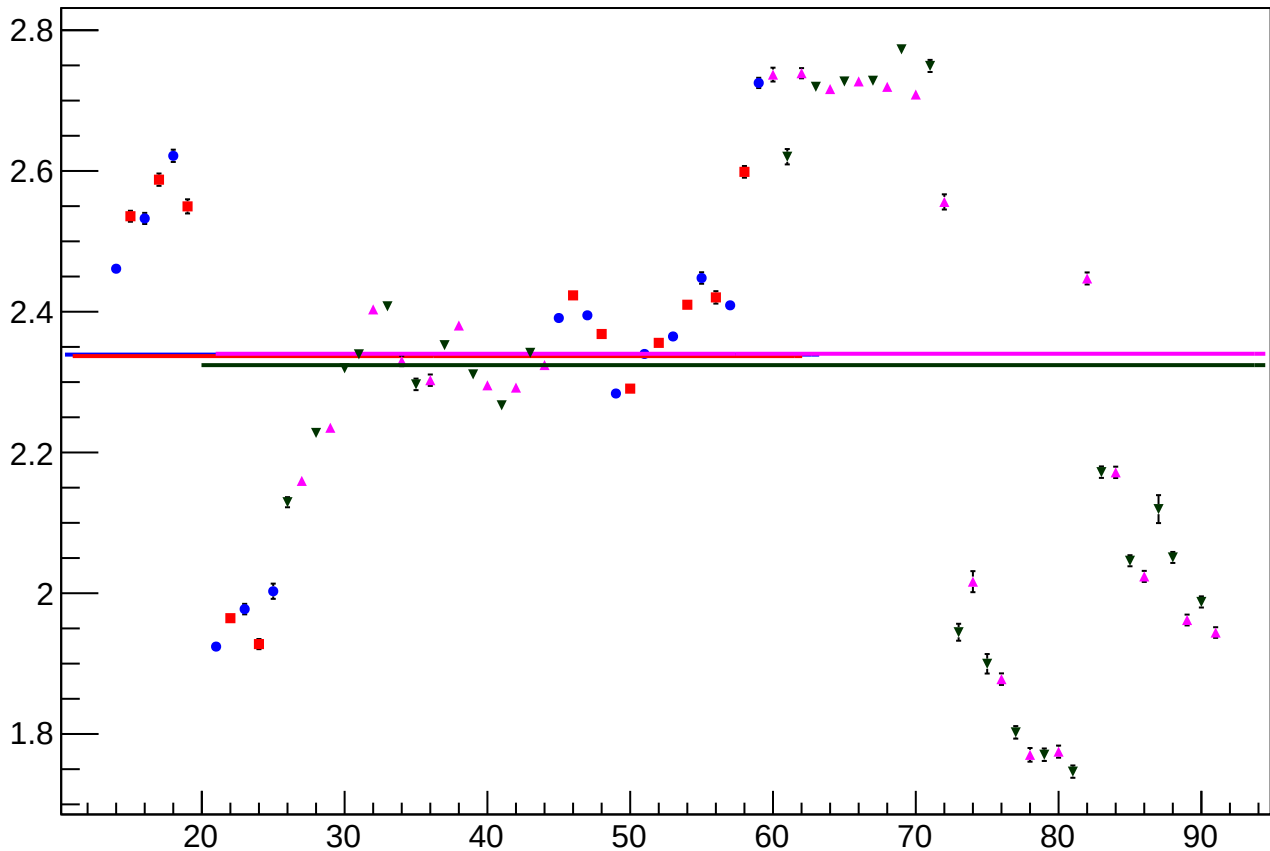
Right Out: 0.149 $\pm$ 0.009 χ^2 /NDF: 852.8/11

Left In: 0.118 $\pm$ 0.007 χ^2 /NDF:1211.5/24

0.173 $\pm$ 0.005 χ^2 /NDF: 1610.0/39

0.130 $\pm$ 0.006 χ^2 /NDF: 2071.6/36

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.339 $\pm$ 0.002 χ^2 /NDF: 13453.5/13

Left Out: 2.324 $\pm$ 0.001 χ^2 /NDF: 39365.8/25

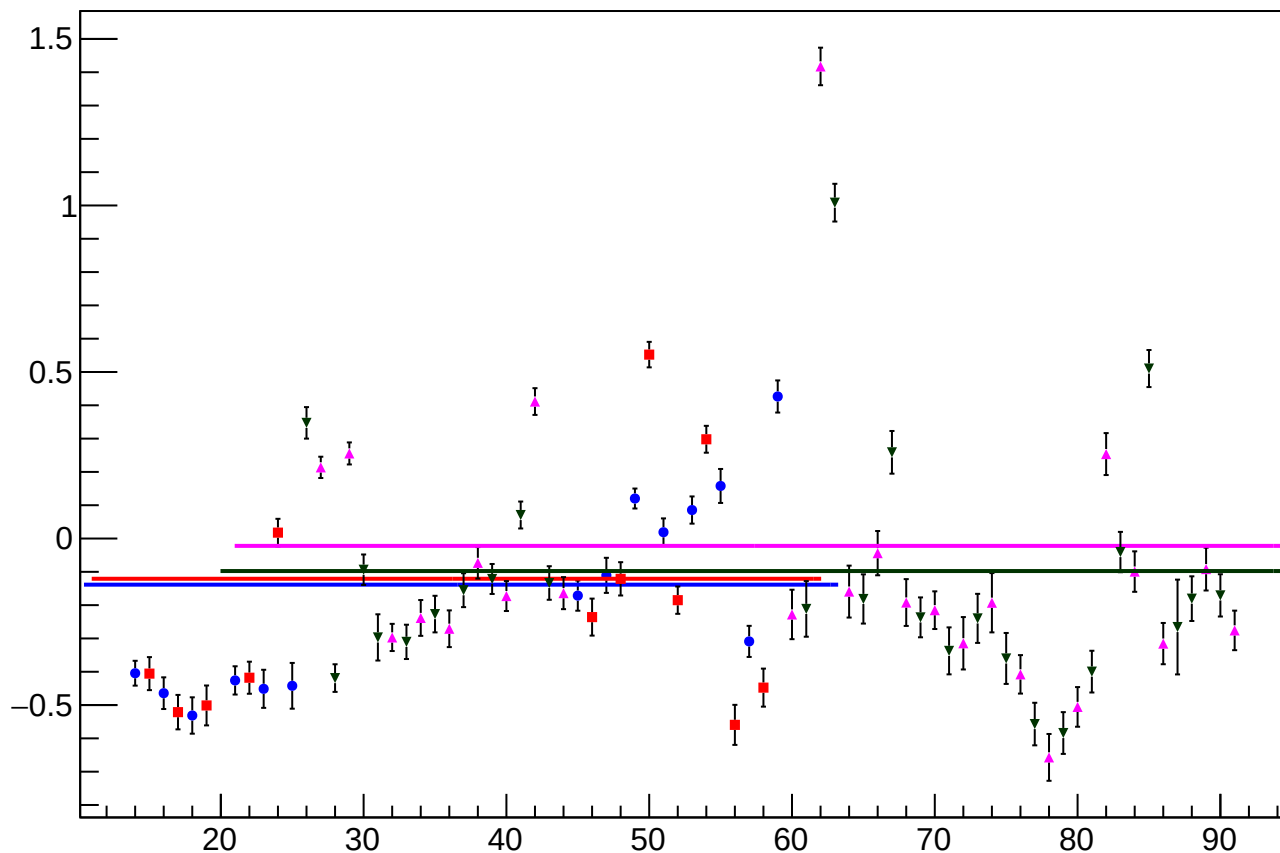
Right Out: 2.337 $\pm$ 0.002 χ^2 /NDF: 10076.9/11

Left In: 2.340 $\pm$ 0.001 χ^2 /NDF: 39547.0/24

2.330 $\pm$ 0.001 χ^2 /NDF: 52862.0/39

2.339 $\pm$ 0.001 χ^2 /NDF: 49625.7/36

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.138 ± 0.012 χ^2/NDF : 549.1/13

Left Out: -0.098 ± 0.011 χ^2/NDF : 906.0/25

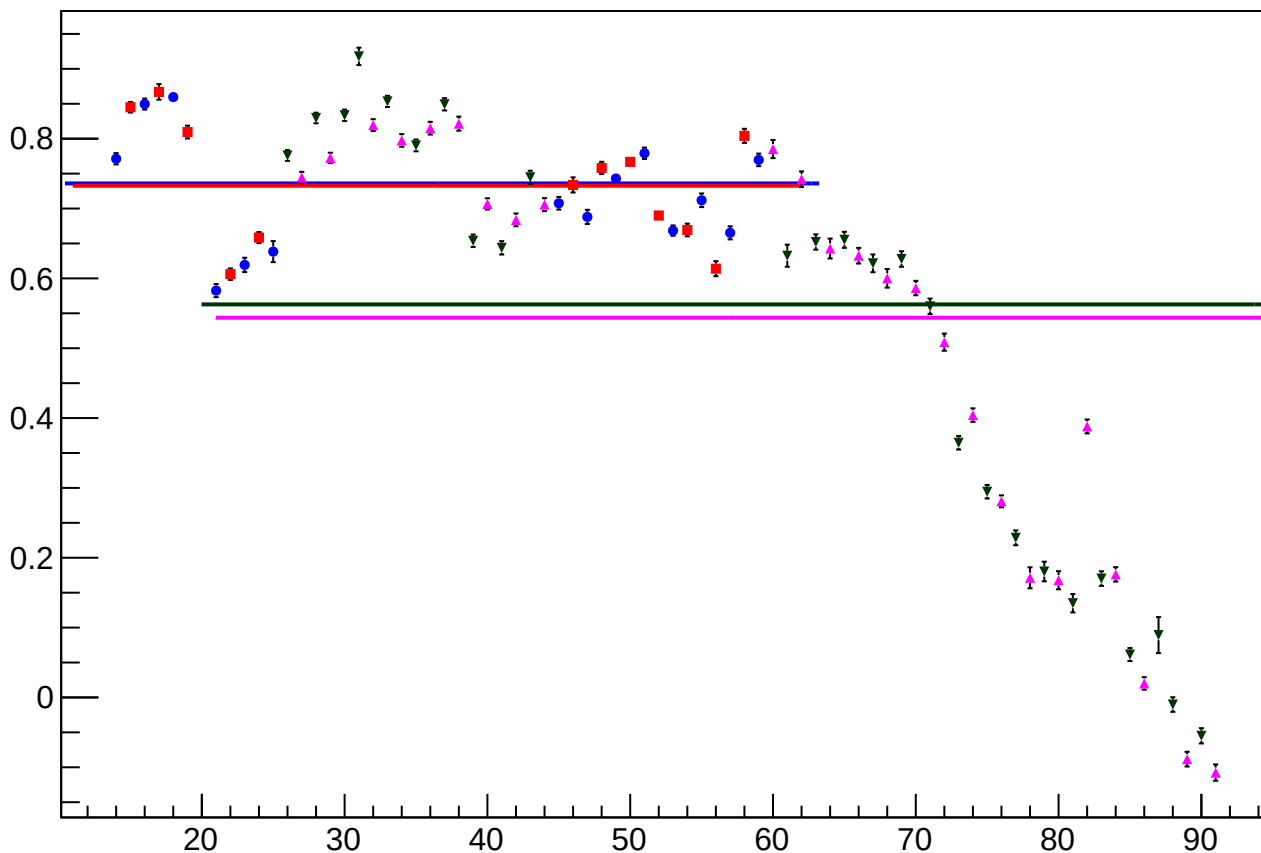
Right Out: -0.121 ± 0.014 χ^2/NDF : 692.1/11

Left In: -0.022 ± 0.011 χ^2/NDF : 1297.4/24

-0.117 ± 0.008 χ^2/NDF : 1461.3/39

-0.059 ± 0.008 χ^2/NDF : 2021.9/36

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.736 $\pm$ 0.002 χ^2 /NDF: 1220.7/13

Left Out: 0.563 $\pm$ 0.002 χ^2 /NDF:22514.7/25

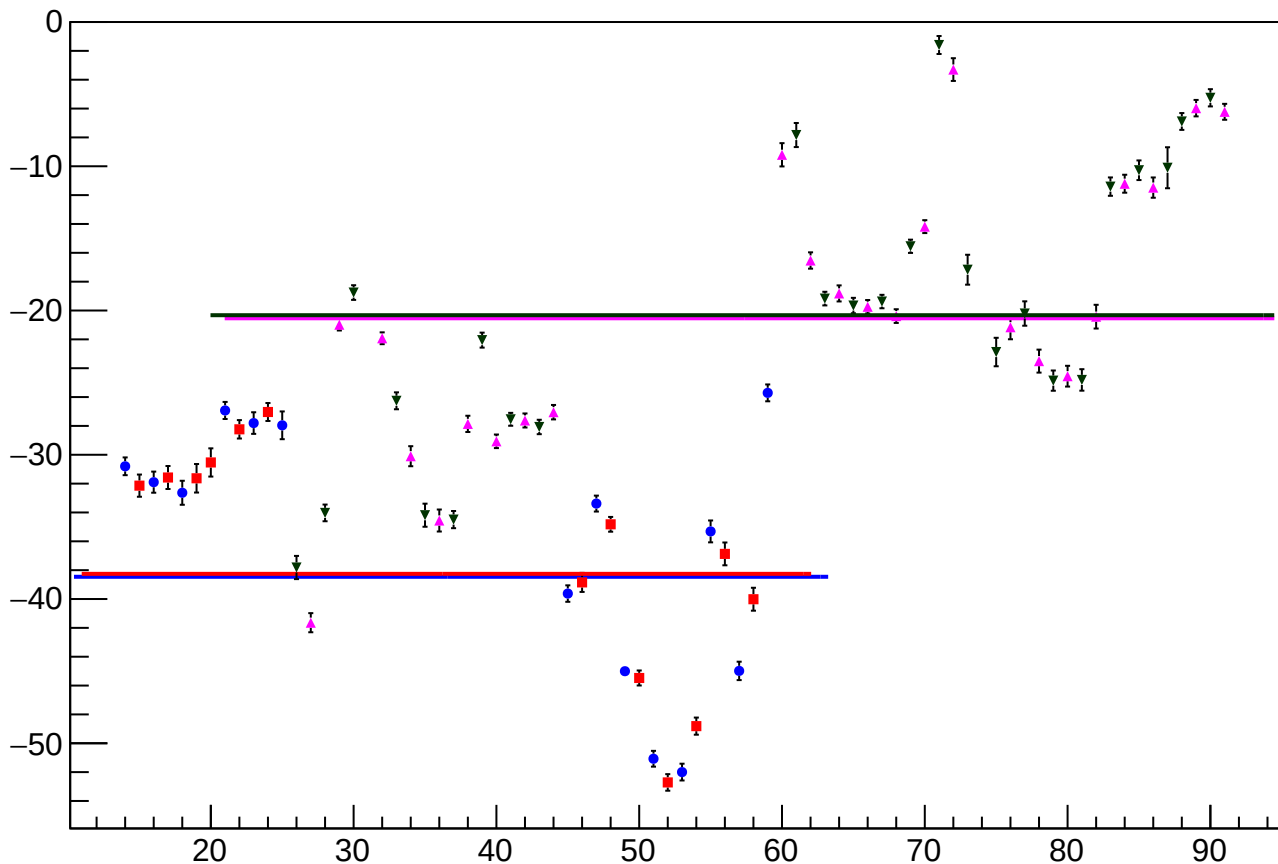
Right Out: 0.733 $\pm$ 0.002 χ^2 /NDF: 1048.4/11

Left In: 0.544 $\pm$ 0.002 χ^2 /NDF:20992.4/24

0.639 $\pm$ 0.001 χ^2 /NDF: 27089.7/39

0.617 $\pm$ 0.002 χ^2 /NDF: 25539.7/36

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -38.459 ± 0.156 χ^2/NDF : 3150.9/13

Left Out: -20.325 ± 0.121 χ^2/NDF : 5499.4/24

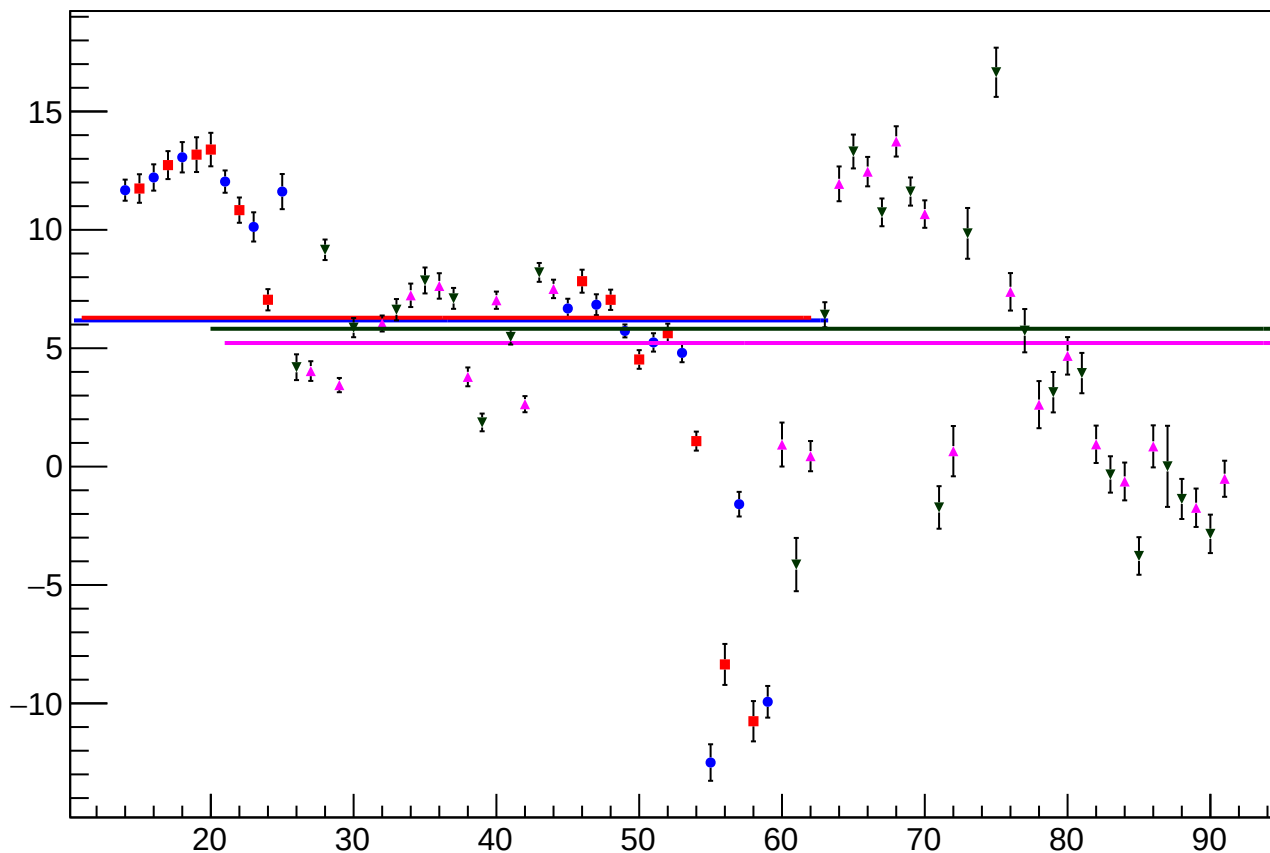
Right Out: -38.255 ± 0.185 χ^2/NDF : 2007.6/12

Left In: -20.539 ± 0.115 χ^2/NDF : 5133.9/23

-27.151 ± 0.096 χ^2/NDF : 17038.4/38

-25.508 ± 0.098 χ^2/NDF : 13740.6/36

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.175 $\pm$ 0.124 χ^2 /NDF: 2048.9/13

Left Out: 5.822 $\pm$ 0.114 χ^2 /NDF:1212.6/24

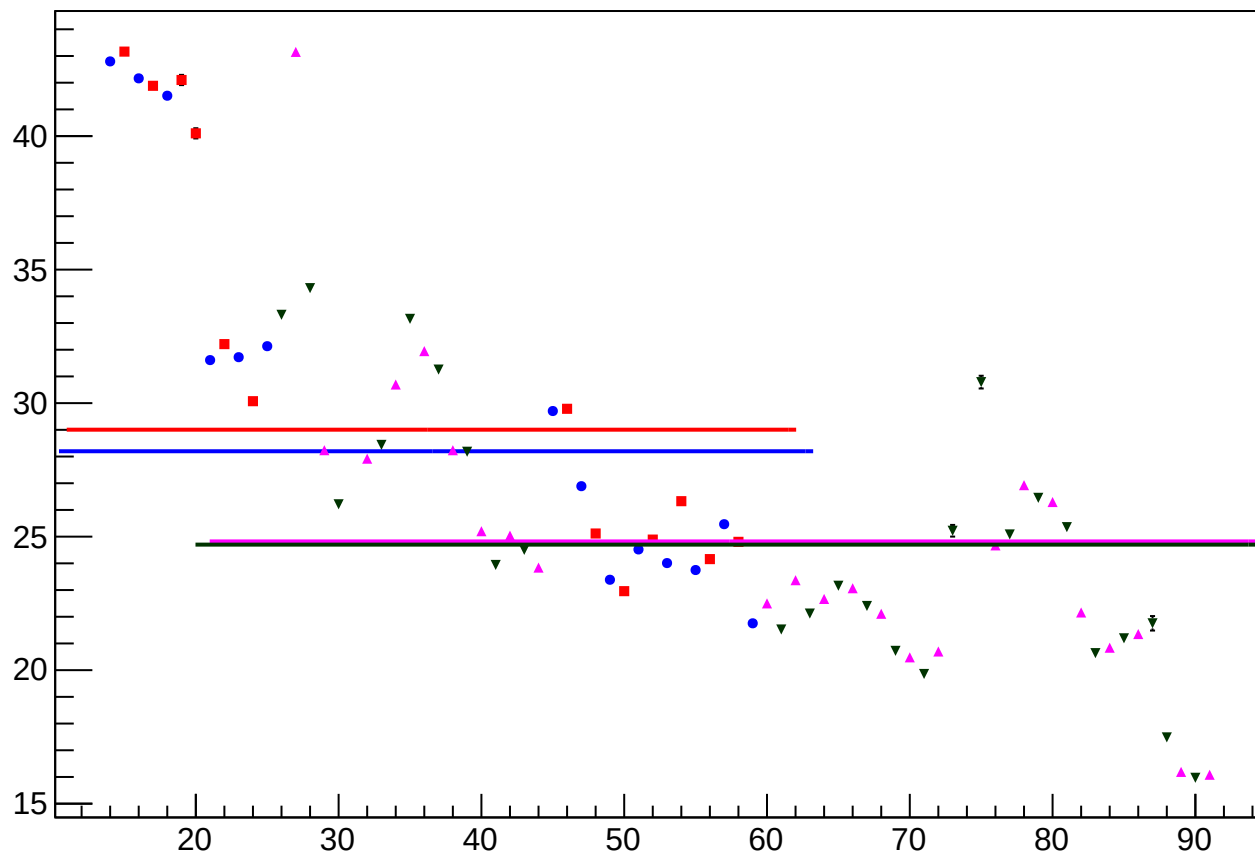
Right Out: 6.288 $\pm$ 0.143 χ^2 /NDF: 1356.9/12

Left In: 5.220 $\pm$ 0.106 χ^2 /NDF:1047.3/23

5.983 $\pm$ 0.084 χ^2 /NDF: 3265.9/38

5.602 $\pm$ 0.085 χ^2 /NDF: 2440.3/36

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 28.198+/-0.028 χ^2/NDF : 47999.3/13

Left Out: 24.701+/-0.021 χ^2/NDF : 45519.3/24

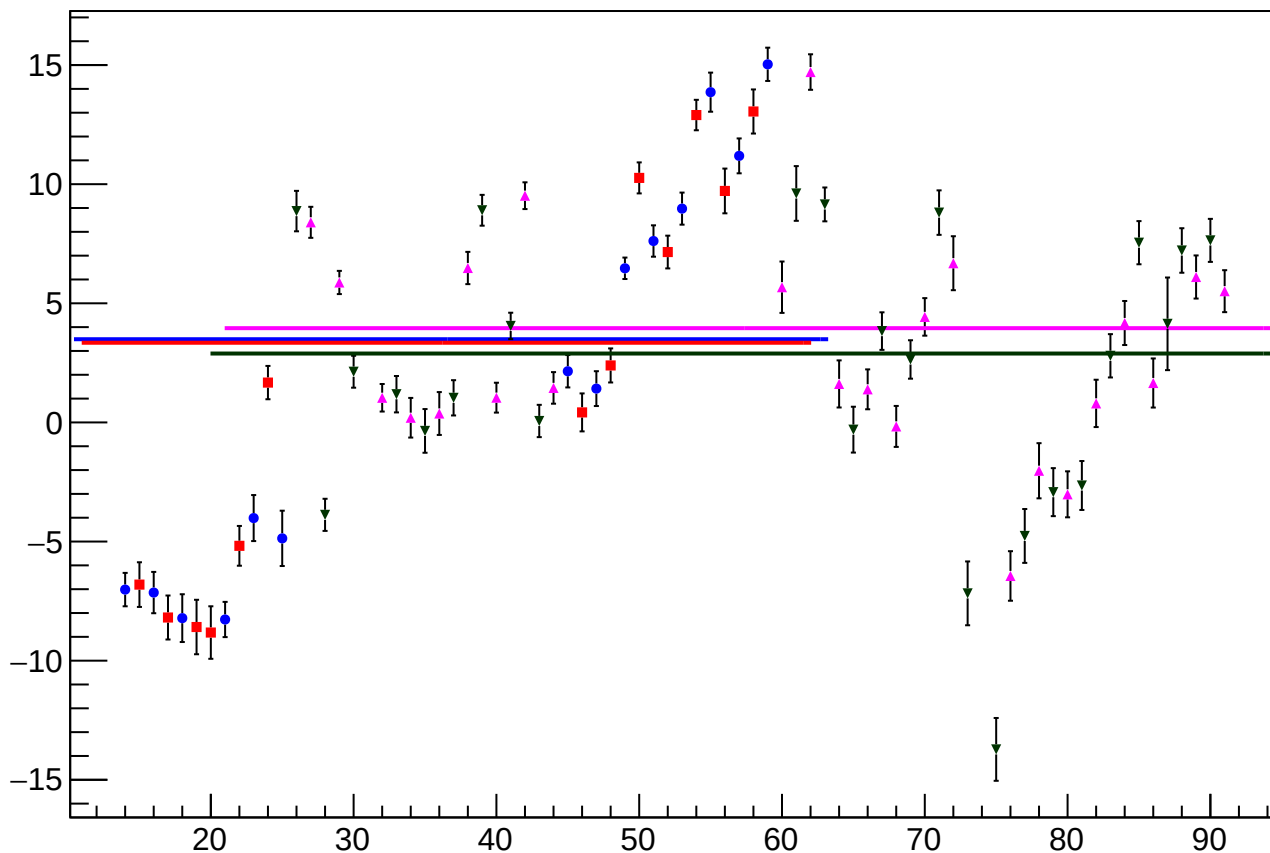
Right Out: 29.006+/-0.033 χ^2/NDF : 35171.2/12

Left In: 24.821+/-0.020 χ^2/NDF : 56943.7/23

25.949+/-0.017 χ^2/NDF : 103214.5/38

25.974+/-0.017 χ^2/NDF : 103899.0/36

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 3.492 ± 0.193 $\chi^2/\text{NDF}: 1581.3/13$

Left Out: 2.892 ± 0.168 $\chi^2/\text{NDF}: 848.0/24$

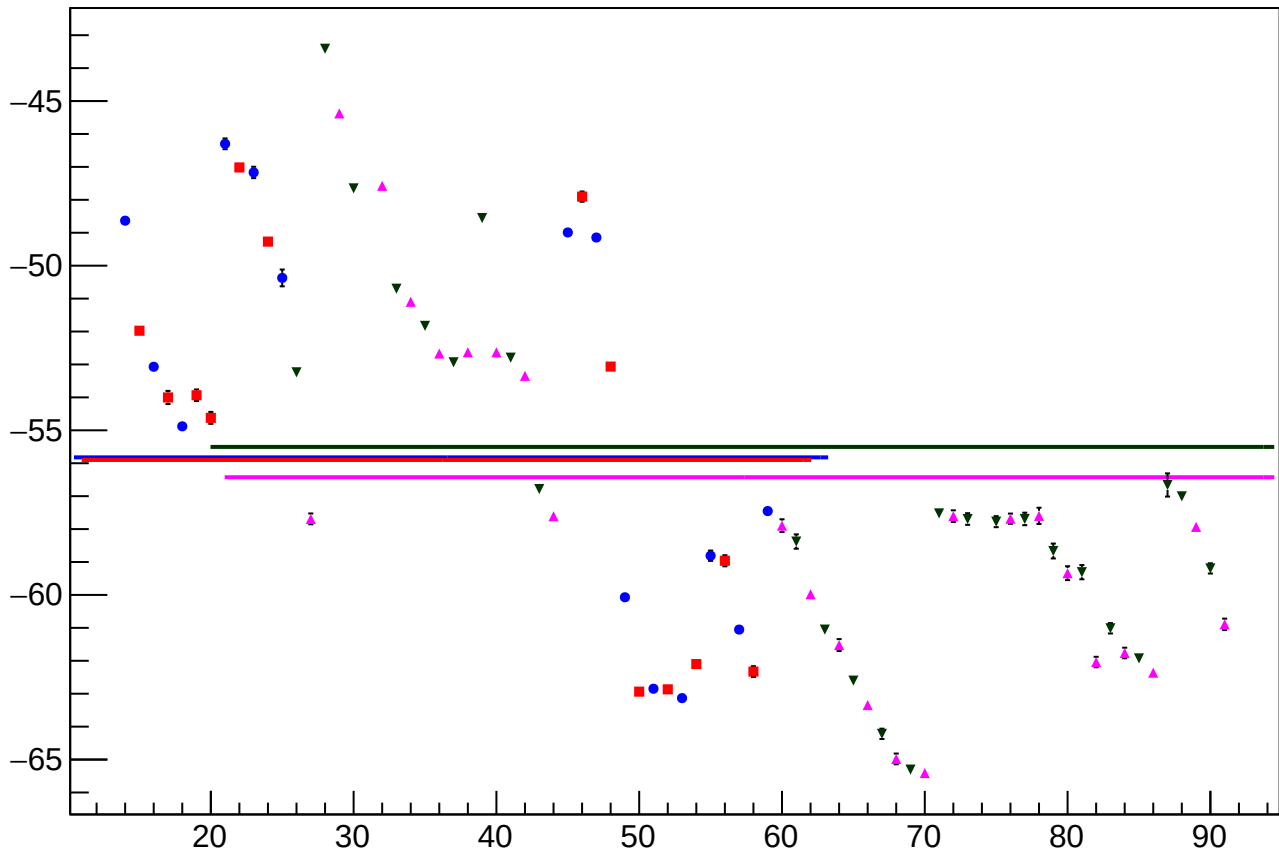
Right Out: 3.345 ± 0.223 $\chi^2/\text{NDF}: 1152.8/12$

Left In: 3.956 ± 0.159 $\chi^2/\text{NDF}: 729.4/23$

3.151 ± 0.127 $\chi^2/\text{NDF}: 2434.7/38$

3.750 ± 0.129 $\chi^2/\text{NDF}: 1887.1/36$

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.822 ± 0.036 χ^2/NDF : 24446.4/13

Left Out: -55.505 ± 0.030 χ^2/NDF : 36528.4/24

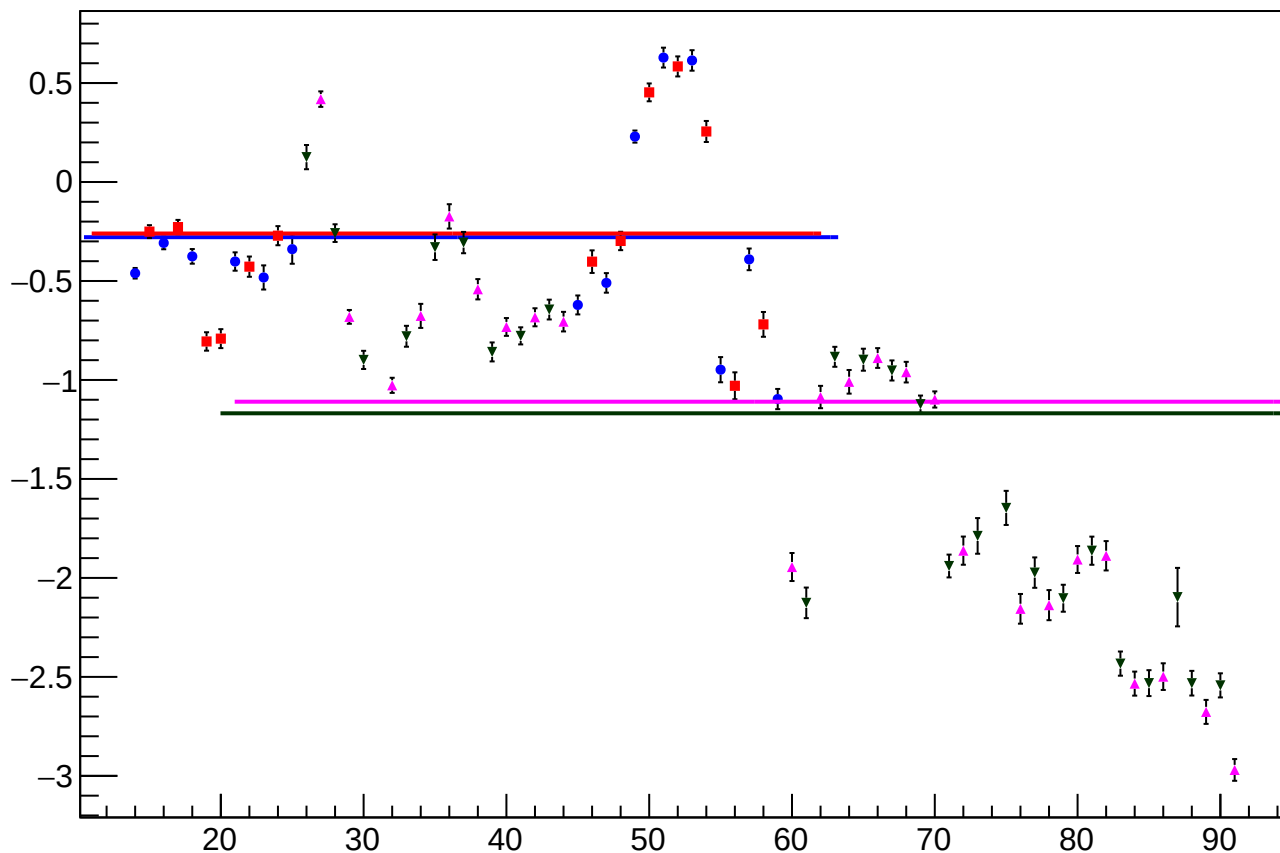
Right Out: -55.901 ± 0.041 χ^2/NDF : 21207.8/12

Left In: -56.425 ± 0.030 χ^2/NDF : 35749.8/23

-55.633 ± 0.023 χ^2/NDF : 61020.0/38

-56.237 ± 0.024 χ^2/NDF : 57064.3/36

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.279 ± 0.011 χ^2/NDF : 1417.4/13

Left Out: -1.168 ± 0.011 χ^2/NDF : 4379.6/24

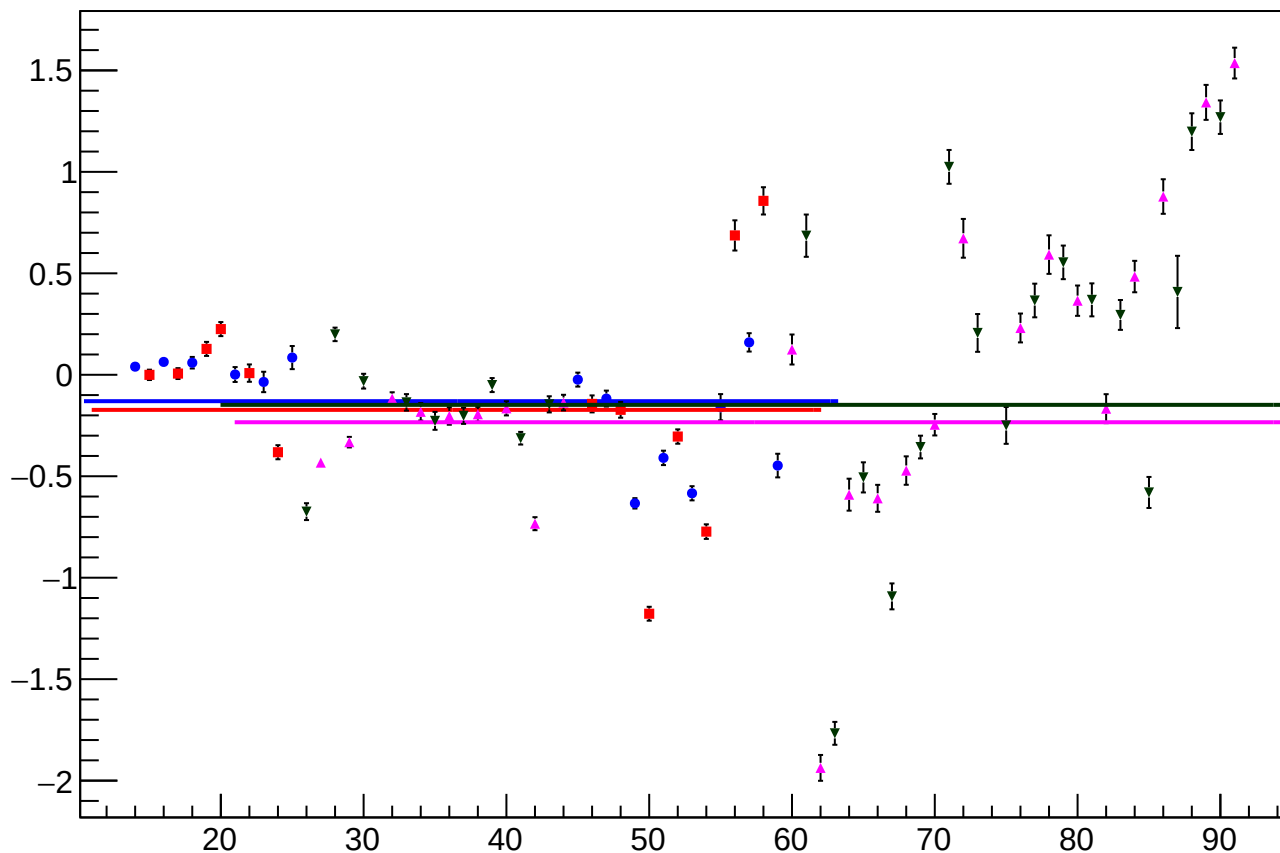
Right Out: -0.260 ± 0.013 χ^2/NDF : 1083.0/12

Left In: -1.110 ± 0.011 χ^2/NDF : 6006.4/23

-0.721 ± 0.008 χ^2/NDF : 8815.3/38

-0.766 ± 0.008 χ^2/NDF : 9622.0/36

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.130 ± 0.009 χ^2/NDF : 912.7/13

Left Out: -0.148 ± 0.010 χ^2/NDF : 2422.4/24

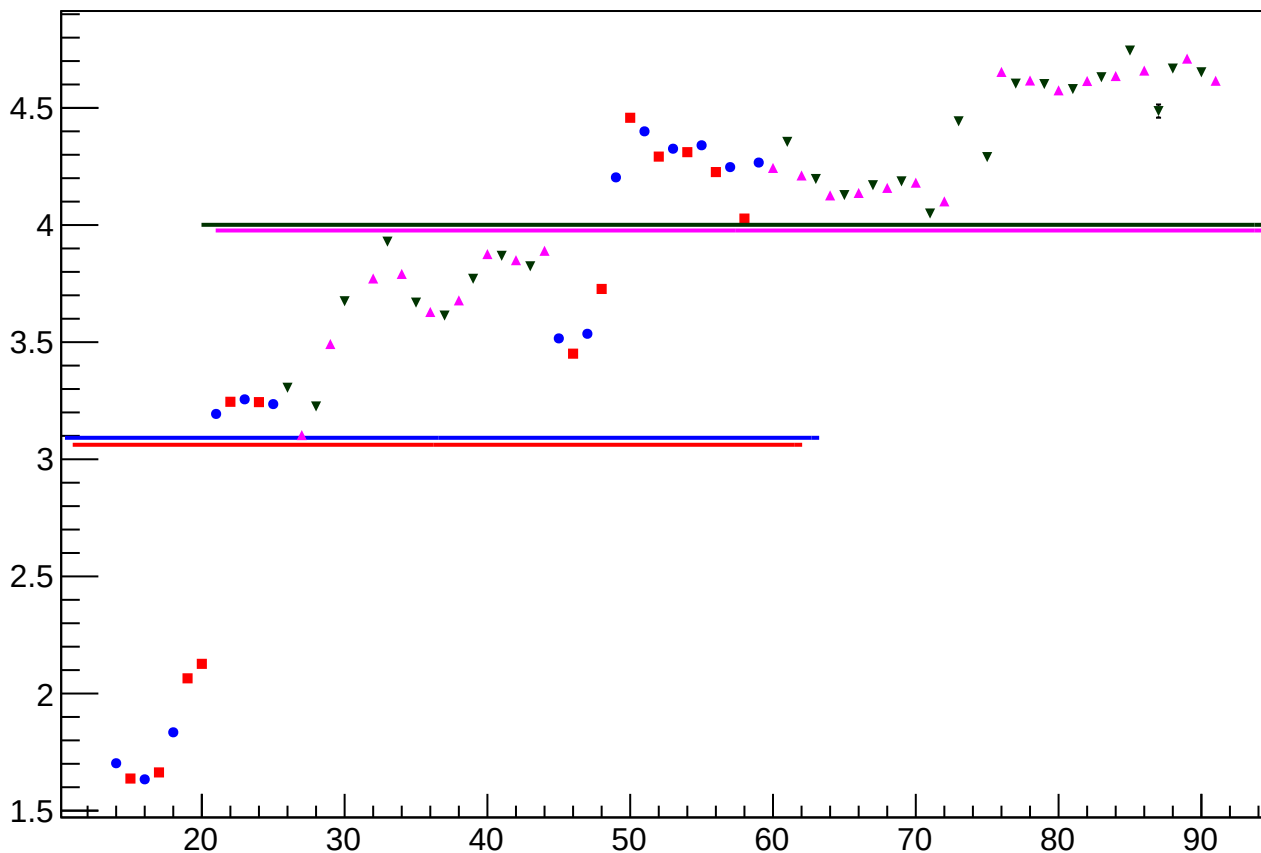
Right Out: -0.173 ± 0.010 χ^2/NDF : 1872.6/12

Left In: -0.234 ± 0.009 χ^2/NDF : 2561.4/23

-0.138 ± 0.007 χ^2/NDF : 3336.9/38

-0.205 ± 0.007 χ^2/NDF : 4453.6/36

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.092 ± 0.002 χ^2/NDF : 279333.5/13

Left Out: 4.001 ± 0.002 χ^2/NDF : 42853.5/24

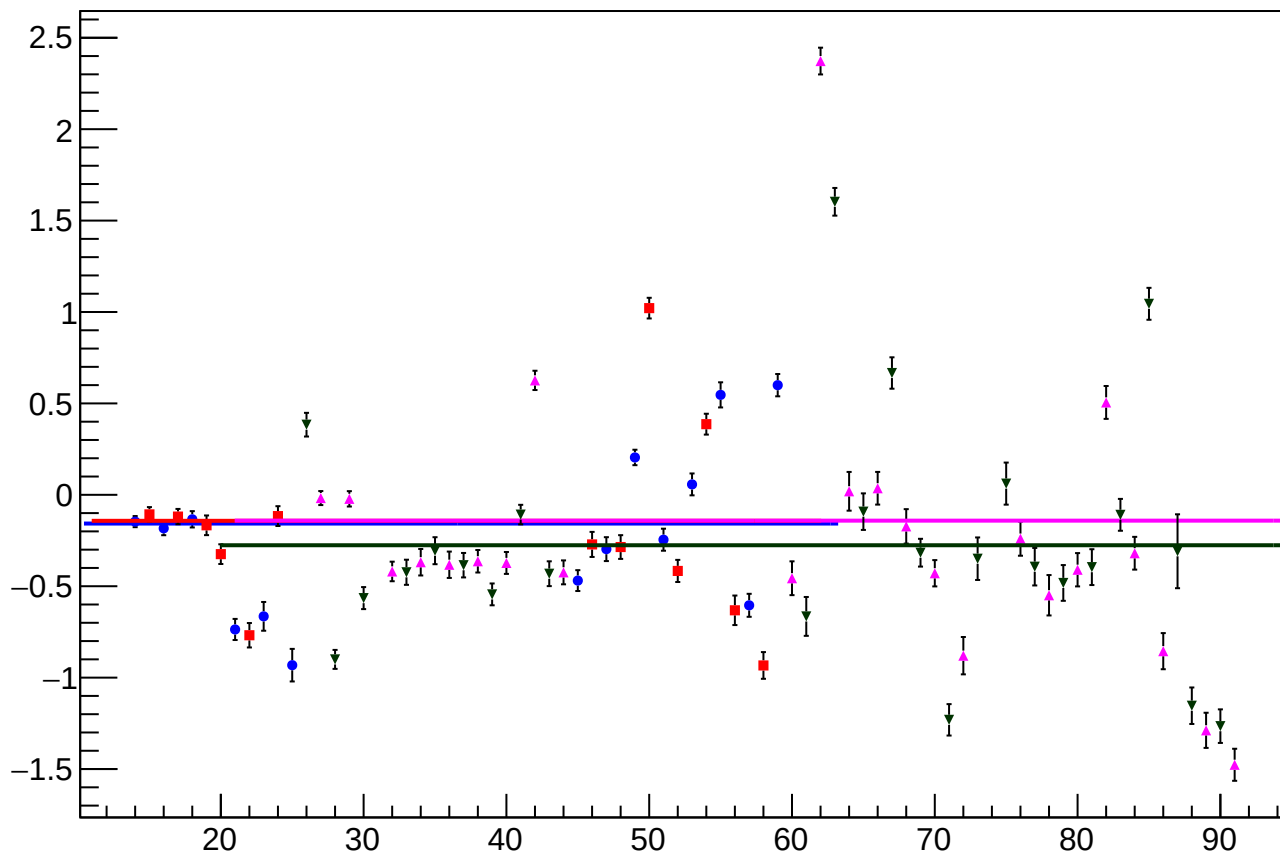
Right Out: 3.062 ± 0.002 χ^2/NDF : 206814.0/12

Left In: 3.977 ± 0.002 χ^2/NDF : 50745.6/23

3.568 ± 0.001 χ^2/NDF : 419521.5/38

3.623 ± 0.001 χ^2/NDF : 348288.1/36

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.157 ± 0.014 χ^2/NDF : 651.1/13

Left Out: -0.276 ± 0.016 χ^2/NDF : 1633.2/24

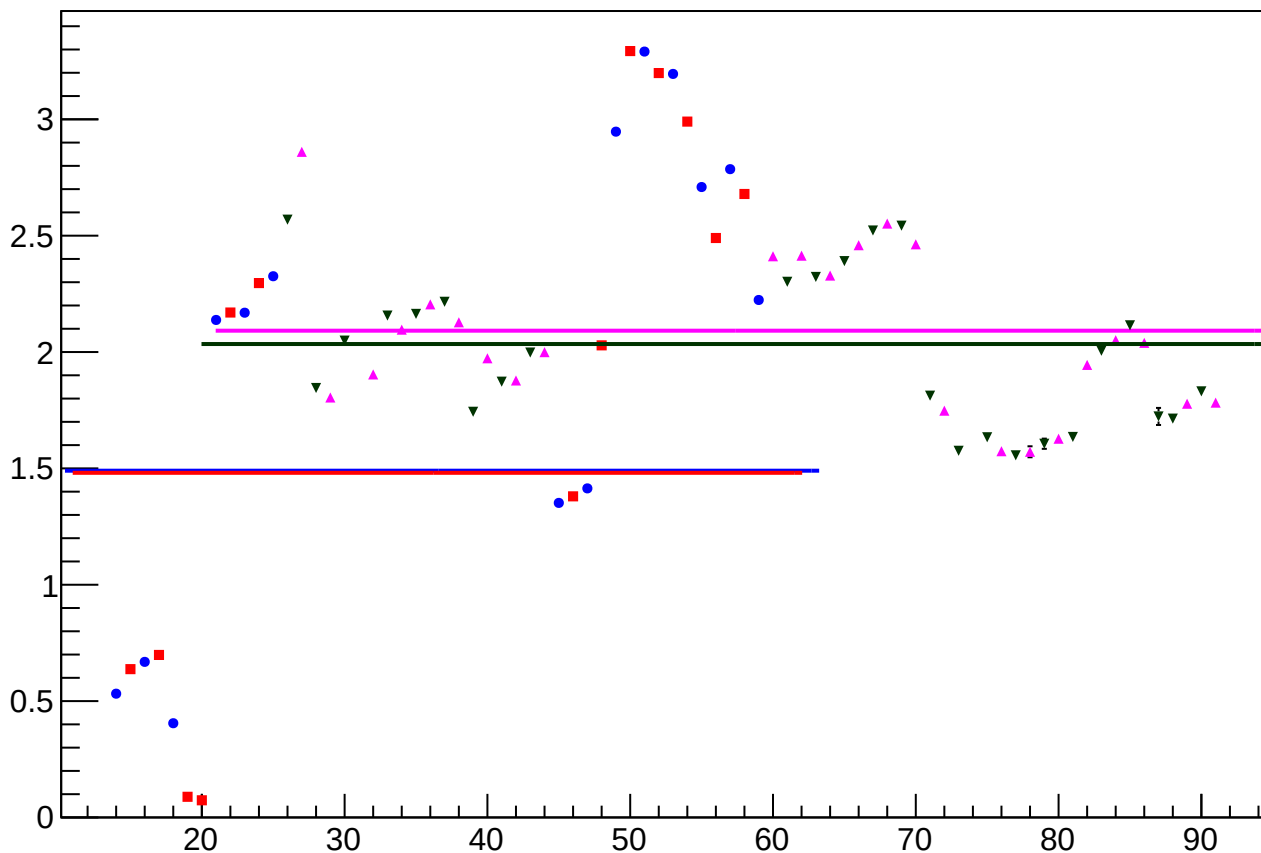
Right Out: -0.142 ± 0.016 χ^2/NDF : 793.1/12

Left In: -0.141 ± 0.014 χ^2/NDF : 2095.9/23

-0.209 ± 0.010 χ^2/NDF : 2316.8/38

-0.142 ± 0.010 χ^2/NDF : 2889.1/36

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.490 $\pm$ 0.003 χ^2 /NDF: 187408.7/13

Left Out: 2.034 $\pm$ 0.003 χ^2 /NDF:11571.4/24

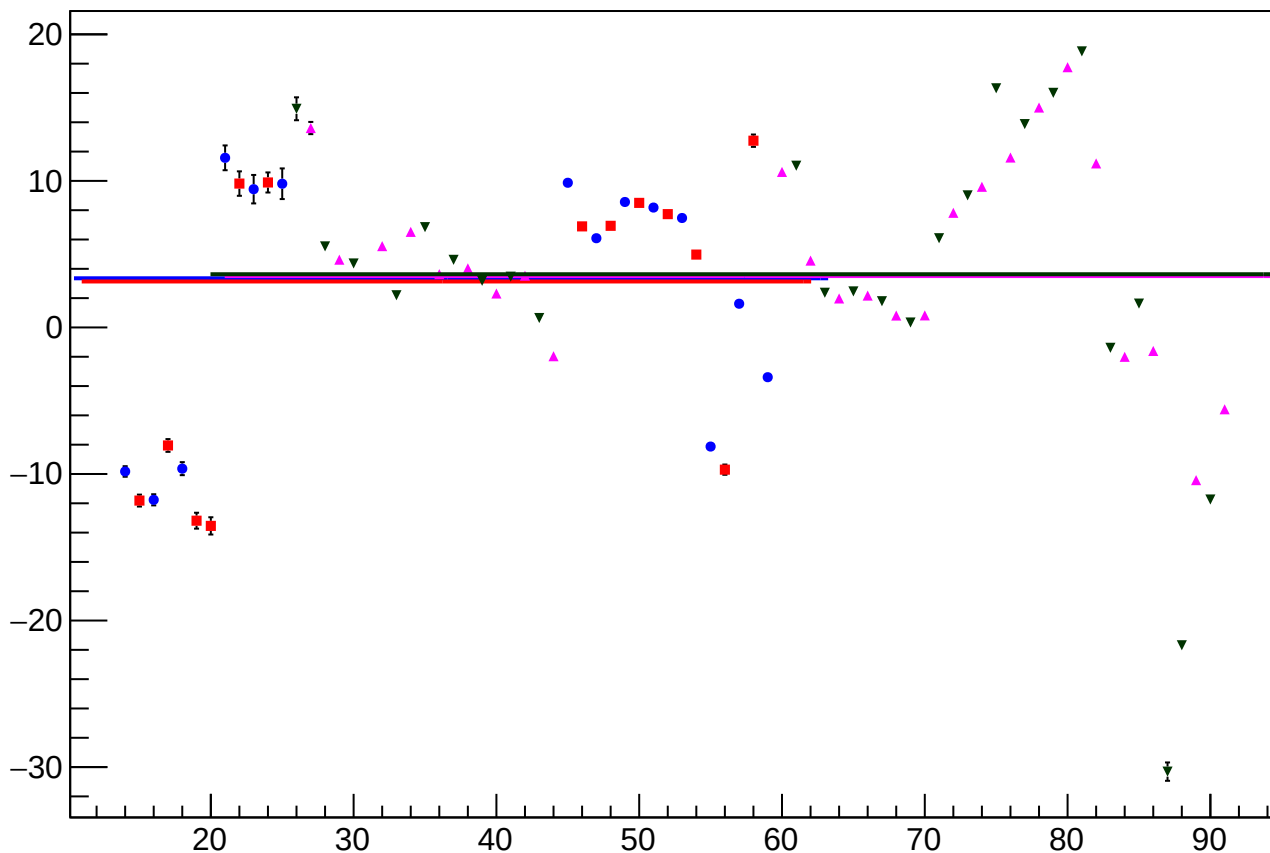
Right Out: 1.481 $\pm$ 0.003 χ^2 /NDF: 178485.6/12

Left In: 2.092 $\pm$ 0.003 χ^2 /NDF:14653.1/23

1.736 $\pm$ 0.002 χ^2 /NDF: 220371.9/38

1.784 $\pm$ 0.002 χ^2 /NDF: 217601.2/36

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 3.354+/-0.083 χ^2/NDF : 7931.8/13

Left Out: 3.630+/-0.042 χ^2/NDF : 30856.0/24

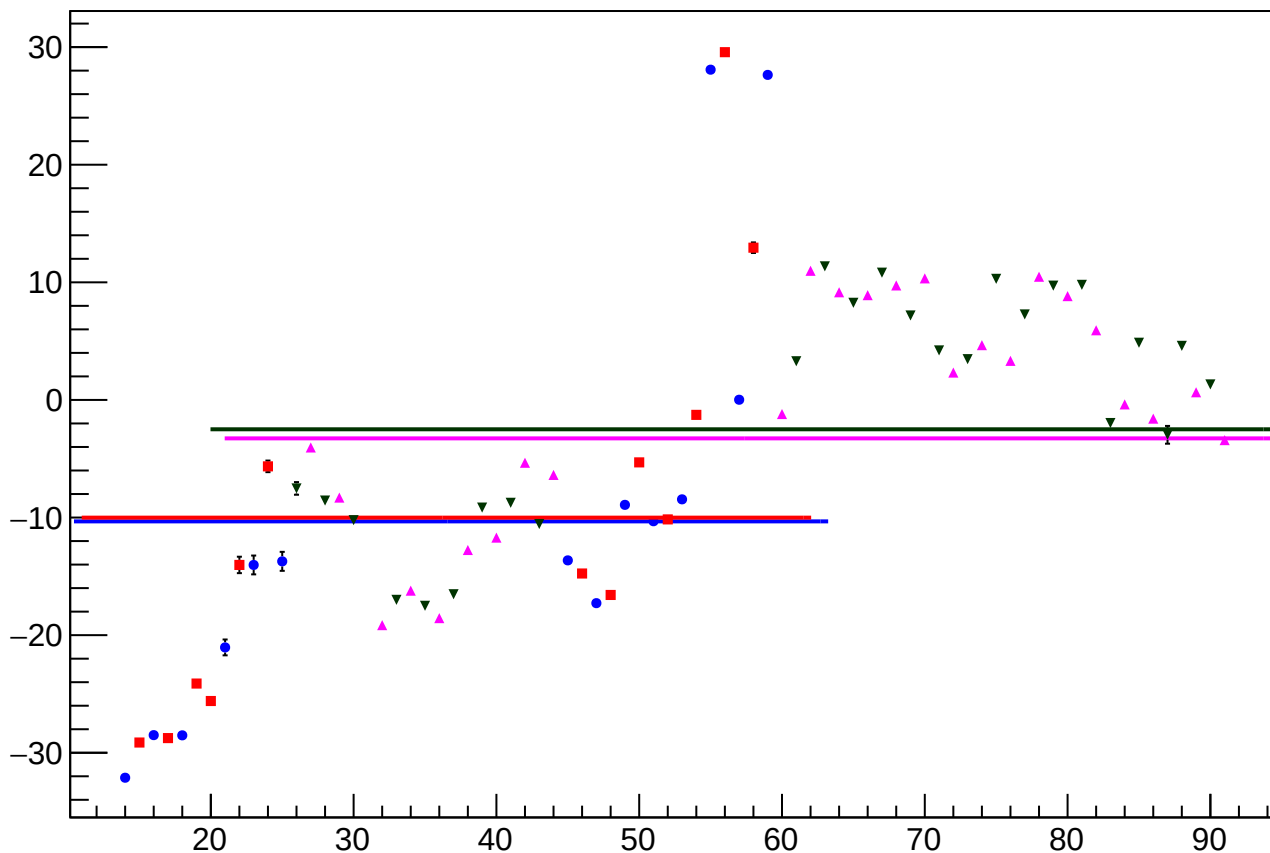
Right Out: 3.137+/-0.098 χ^2/NDF : 6964.7/12

Left In: 3.506+/-0.041 χ^2/NDF : 18873.4/24

3.574+/-0.037 χ^2/NDF : 38796.5/38

3.452+/-0.037 χ^2/NDF : 25850.3/37

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -10.326+/-0.066 χ^2/NDF : 41543.5/13

Left Out: -2.496+/-0.043 χ^2/NDF : 54447.6/24

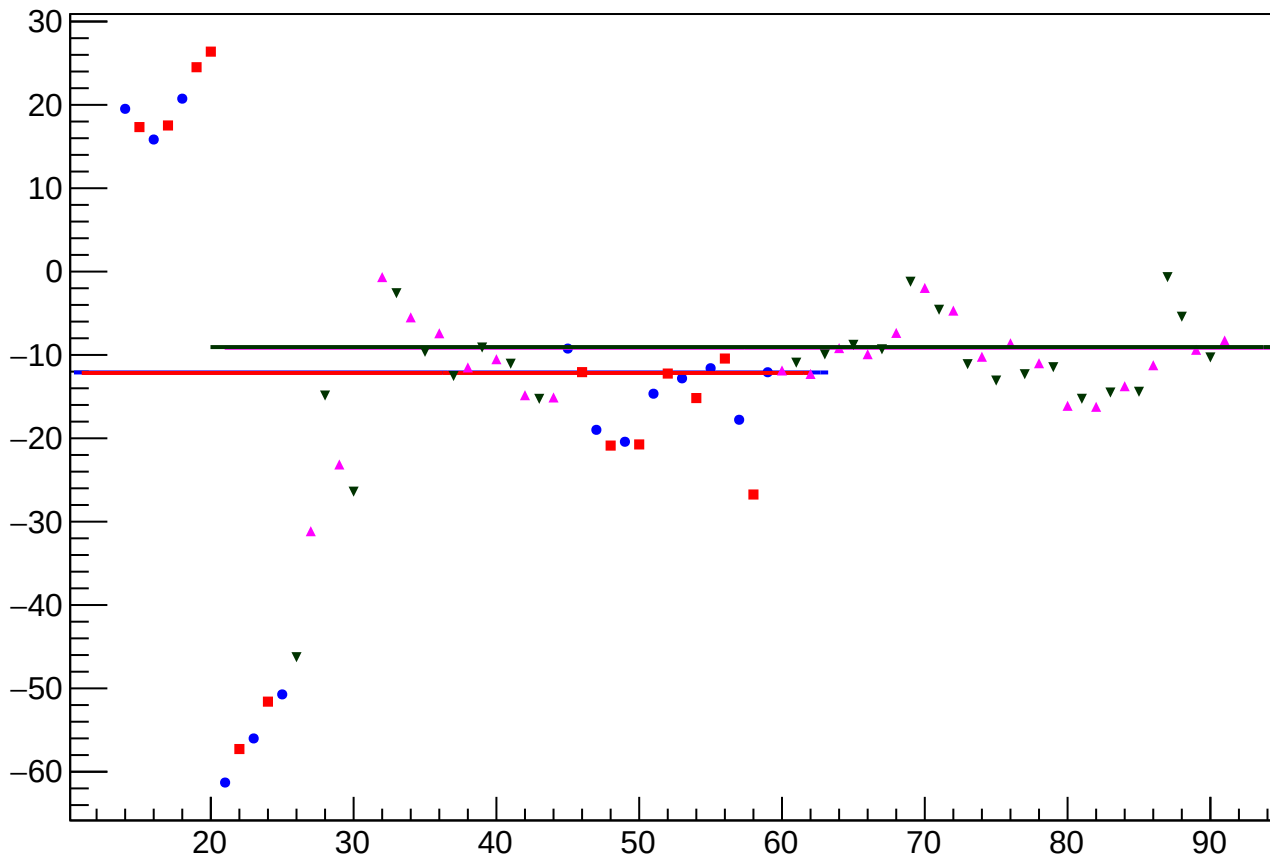
Right Out: -10.009+/-0.075 χ^2/NDF : 26793.4/12

Left In: -3.269+/-0.041 χ^2/NDF : 60873.0/24

-4.837+/-0.036 χ^2/NDF : 105930.5/38

-4.829+/-0.036 χ^2/NDF : 93892.7/37

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: -9.057 $\pm$ 0.008 χ^2 /NDF: 529064.3/24

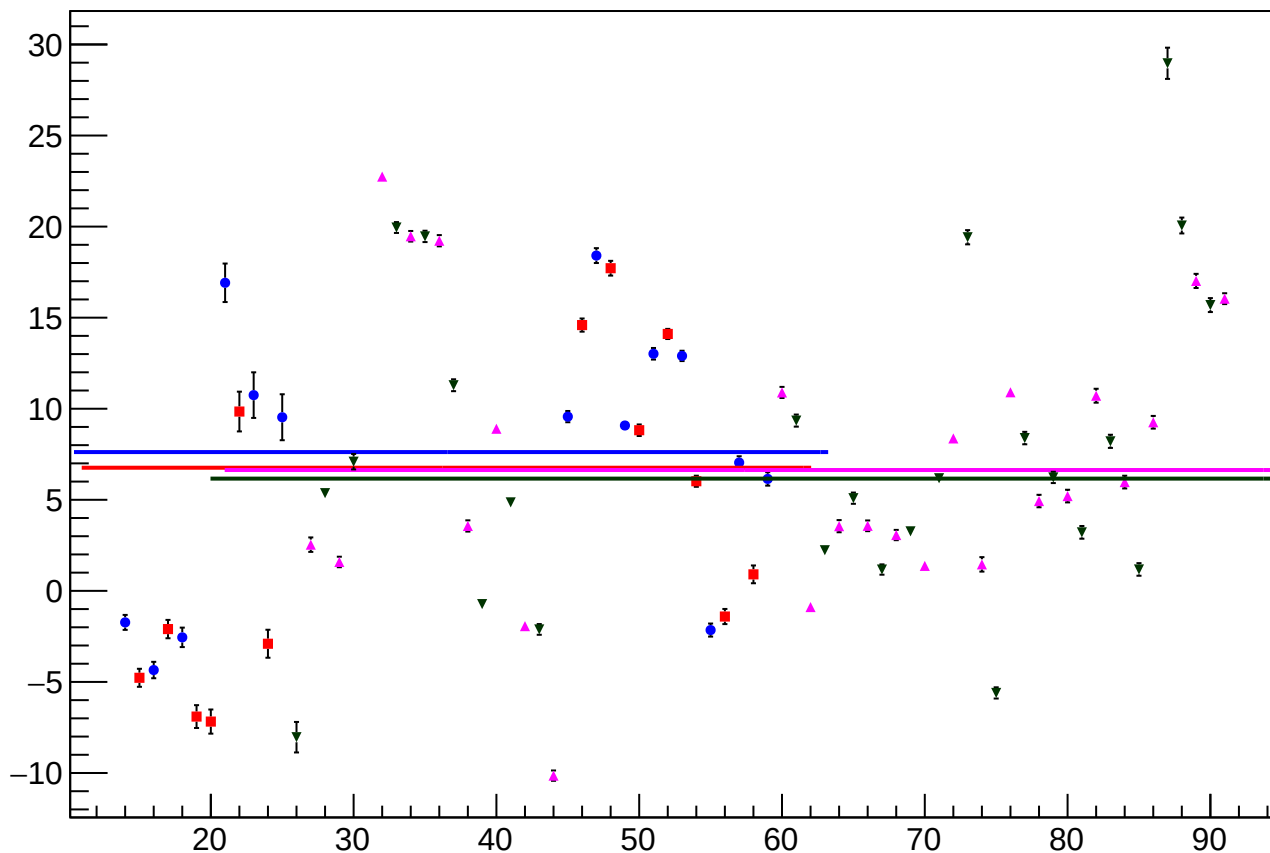
Right Out: -12.160 $\pm$ 0.017 χ^2 /NDF: 788564.4/12

Left In: -9.137 $\pm$ 0.007 χ^2 /NDF: 538572.3/24

-9.662 $\pm$ 0.007 χ^2 /NDF: 1366377.2/38

-9.594 $\pm$ 0.007 χ^2 /NDF: 1353570.0/37

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 7.620 $\pm$ 0.102 χ^2 /NDF: 3844.4/13

Left Out: 6.163 $\pm$ 0.060 χ^2 /NDF:12259.0/24

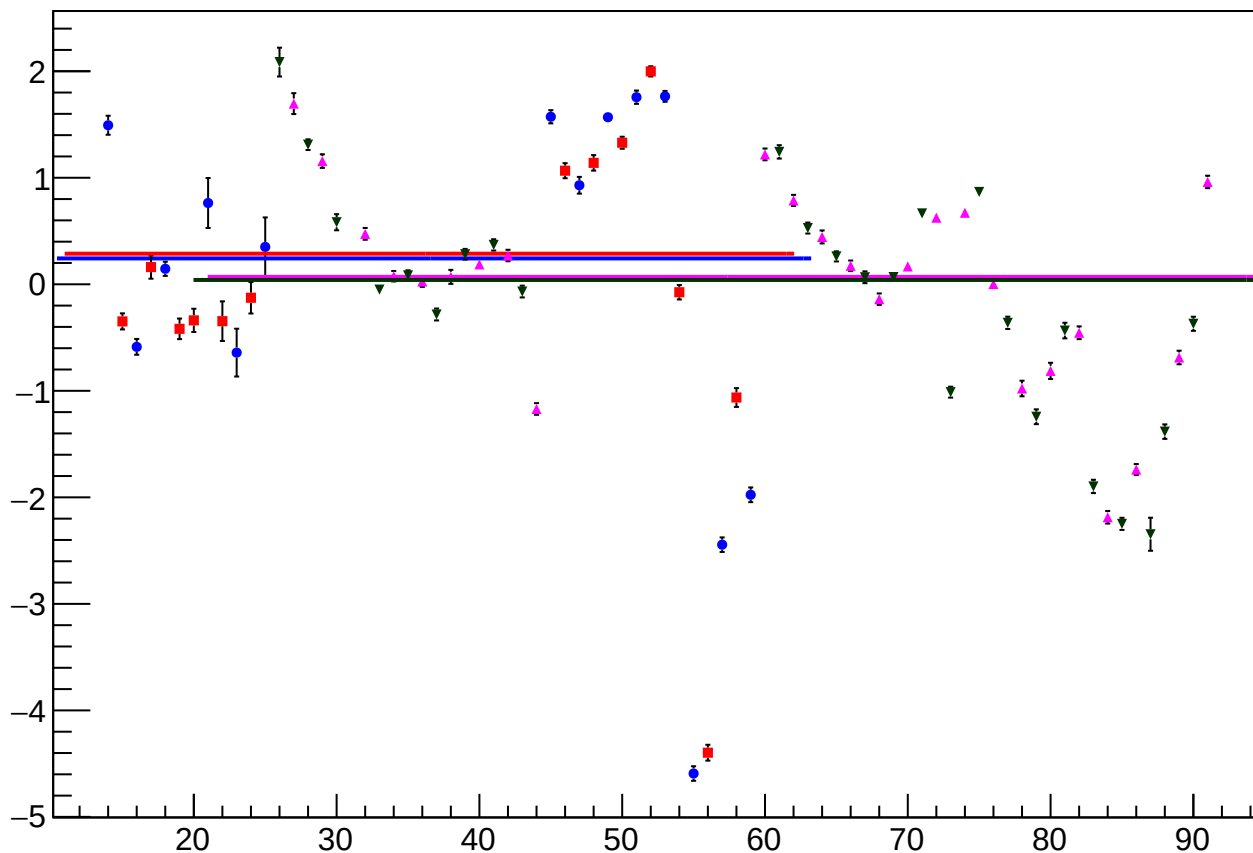
Right Out: 6.761 $\pm$ 0.117 χ^2 /NDF: 4410.1/12

Left In: 6.635 $\pm$ 0.058 χ^2 /NDF:17255.9/24

6.542 $\pm$ 0.052 χ^2 /NDF: 16255.1/38

6.660 $\pm$ 0.052 χ^2 /NDF: 21666.9/37

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.243 $\pm$ 0.019 χ^2 /NDF: 10832.2/13

Left Out: 0.041 $\pm$ 0.011 χ^2 /NDF: 6496.4/24

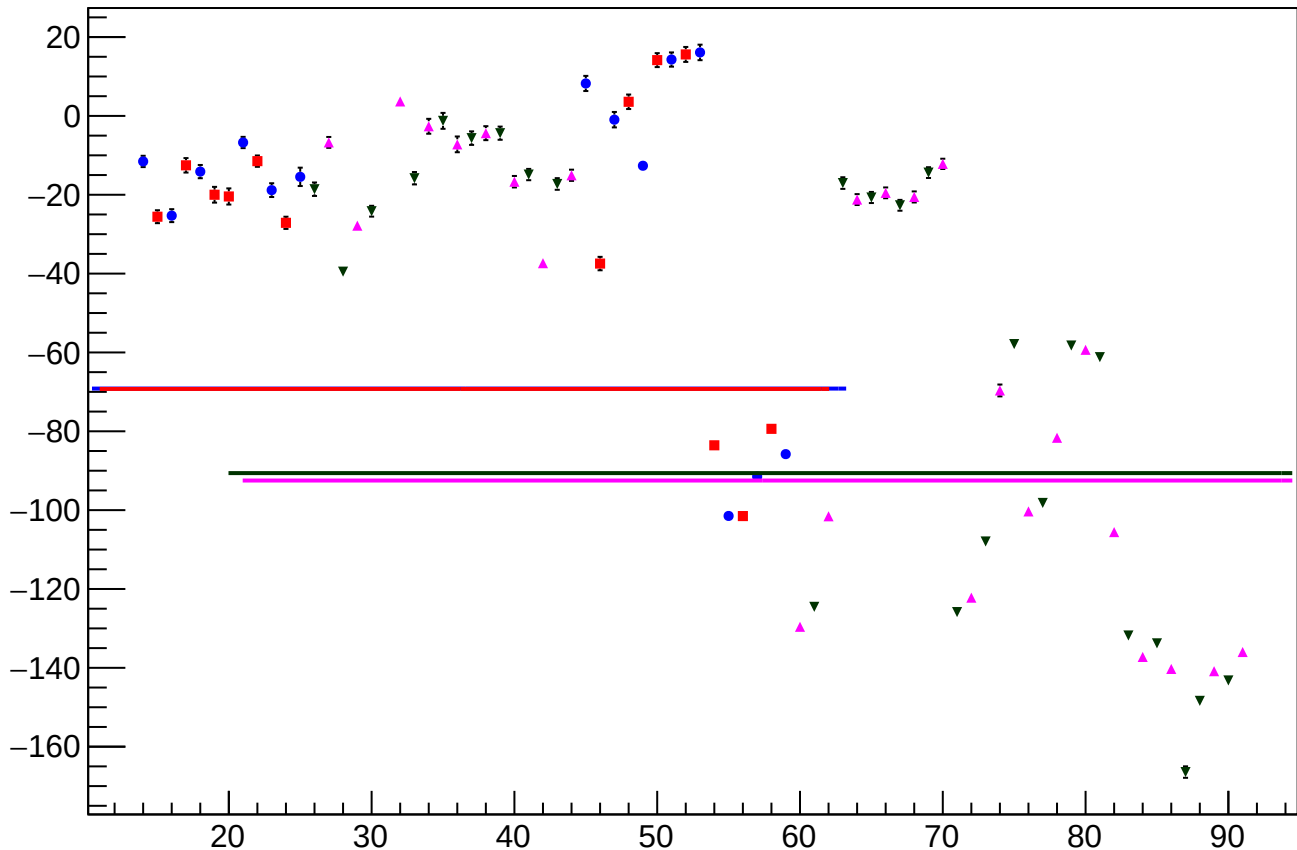
Right Out: 0.287 $\pm$ 0.021 χ^2 /NDF: 6267.2/12

Left In: 0.069 $\pm$ 0.010 χ^2 /NDF: 5739.8/24

0.088 $\pm$ 0.009 χ^2 /NDF: 17415.6/38

0.111 $\pm$ 0.009 χ^2 /NDF: 12090.8/37

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -69.165 ± 0.263 $\chi^2/\text{NDF}: 22409.1/13$

Left Out: -90.606 ± 0.171 $\chi^2/\text{NDF}: 72668.8/24$

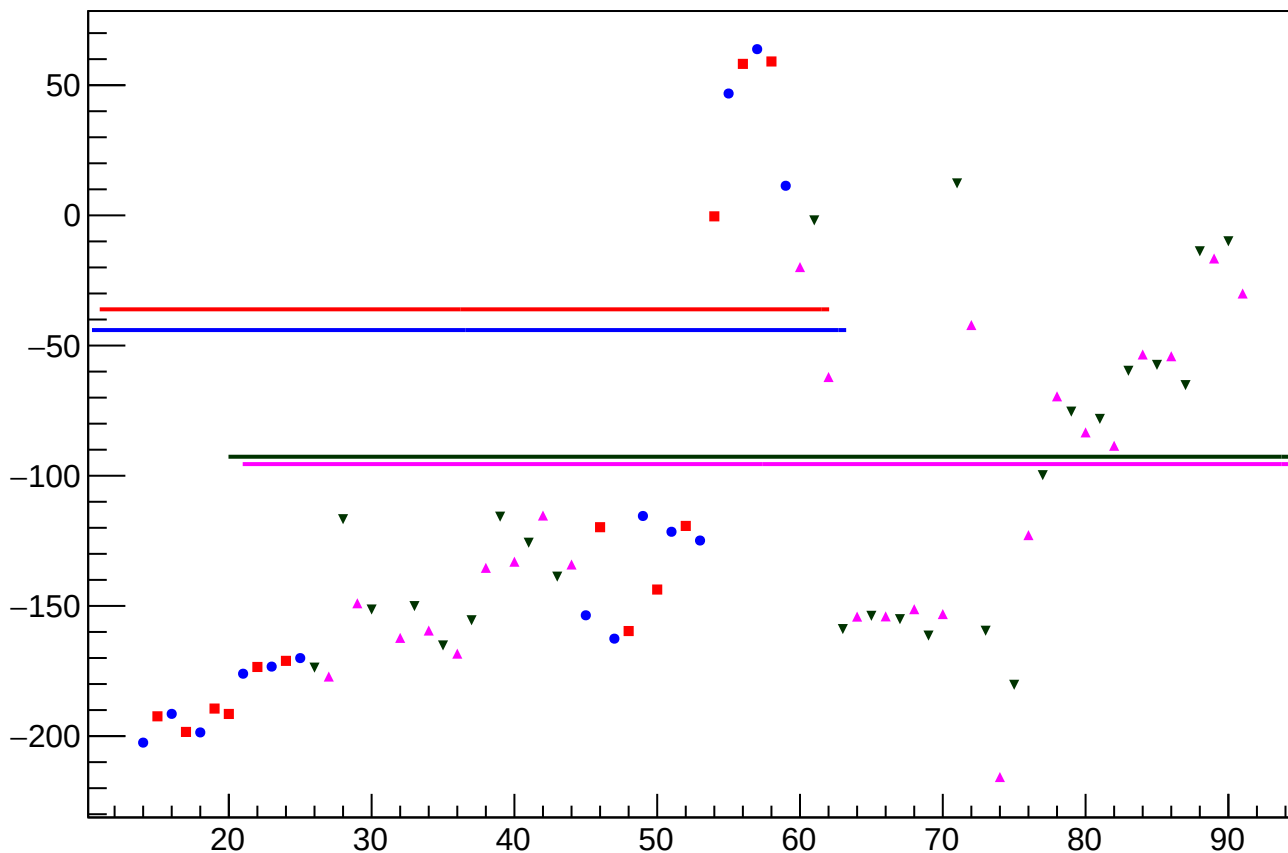
Right Out: -69.257 ± 0.277 $\chi^2/\text{NDF}: 15877.6/12$

Left In: -92.489 ± 0.167 $\chi^2/\text{NDF}: 72332.1/24$

-84.257 ± 0.143 $\chi^2/\text{NDF}: 99759.9/38$

-86.314 ± 0.143 $\chi^2/\text{NDF}: 93383.5/37$

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: -92.700 $\pm$ 0.190 χ^2 /NDF: 86289.5/24

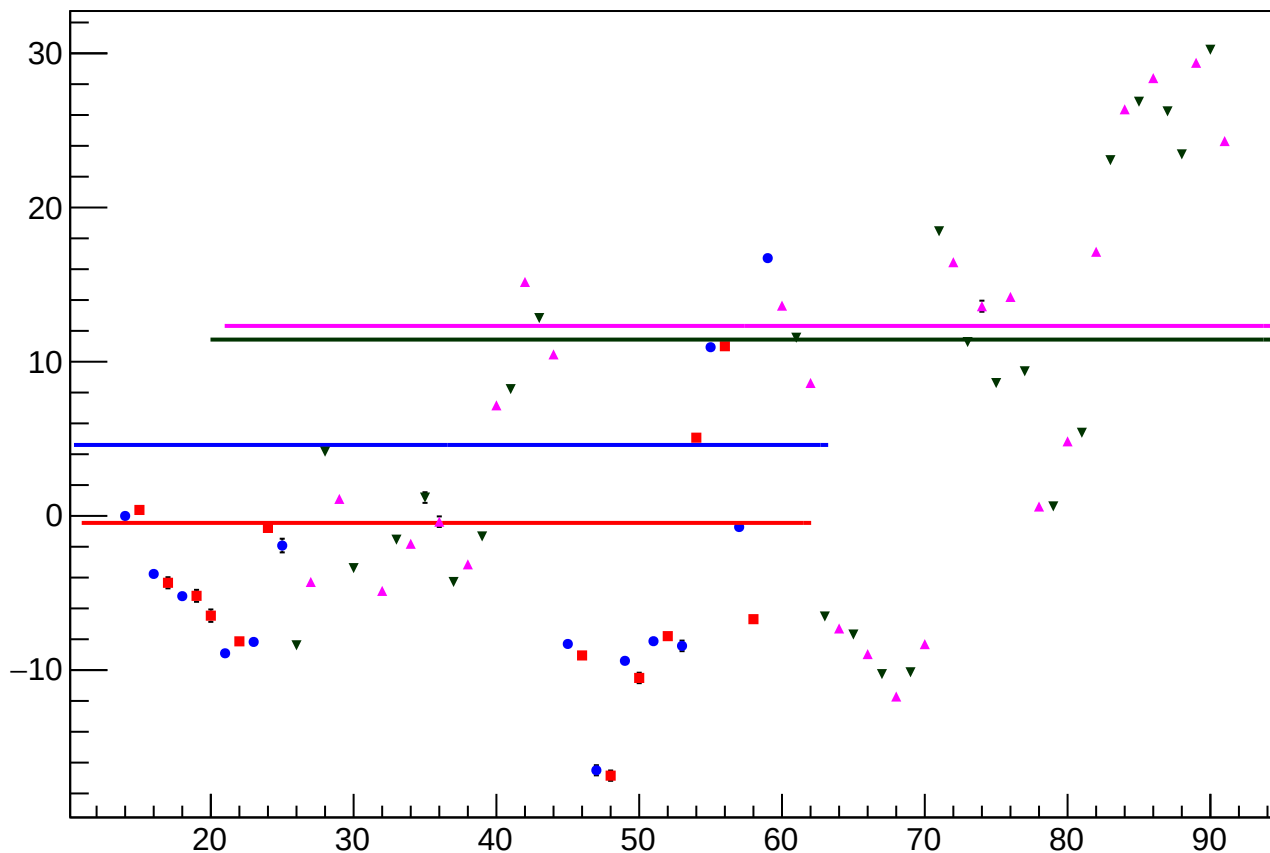
Right Out: -36.090 $\pm$ 0.264 χ^2 /NDF: 164109.7/12

Left In: -95.529 $\pm$ 0.179 χ^2 /NDF: 72269.9/24

-74.847 $\pm$ 0.151 χ^2 /NDF: 286116.0/38

-76.815 $\pm$ 0.148 χ^2 /NDF: 271044.8/37

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: 11.435 $\pm$ 0.032 χ^2 /NDF:127442.7/24

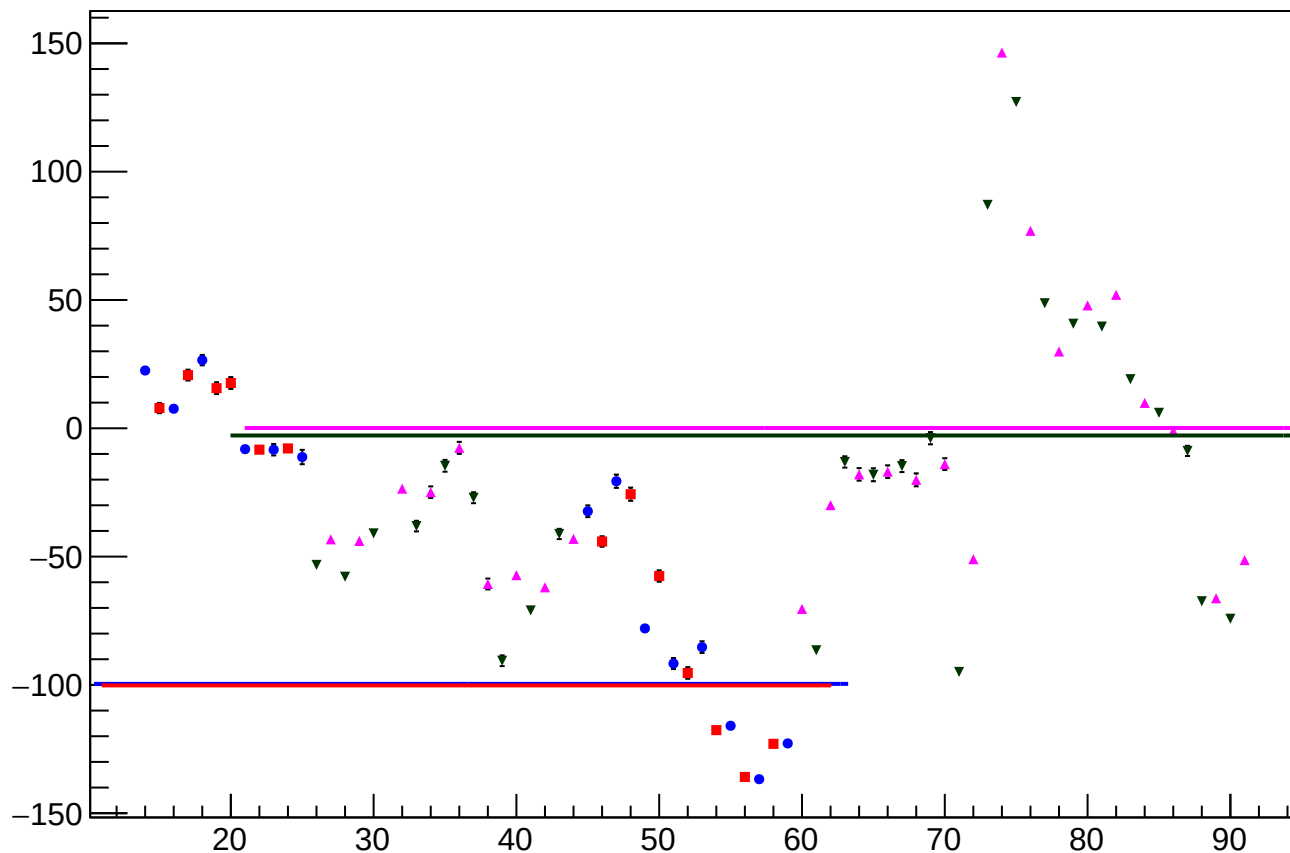
Right Out: -0.454 $\pm$ 0.048 χ^2 /NDF: 29795.4/12

Left In: 12.322 $\pm$ 0.031 χ^2 /NDF:137045.1/24

9.211 $\pm$ 0.026 χ^2 /NDF: 185448.3/38

8.630 $\pm$ 0.026 χ^2 /NDF: 216886.8/37

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -99.592 ± 0.305 $\chi^2/\text{NDF}: 25419.1/13$

Left Out: -2.803 ± 0.237 $\chi^2/\text{NDF}: 69238.5/24$

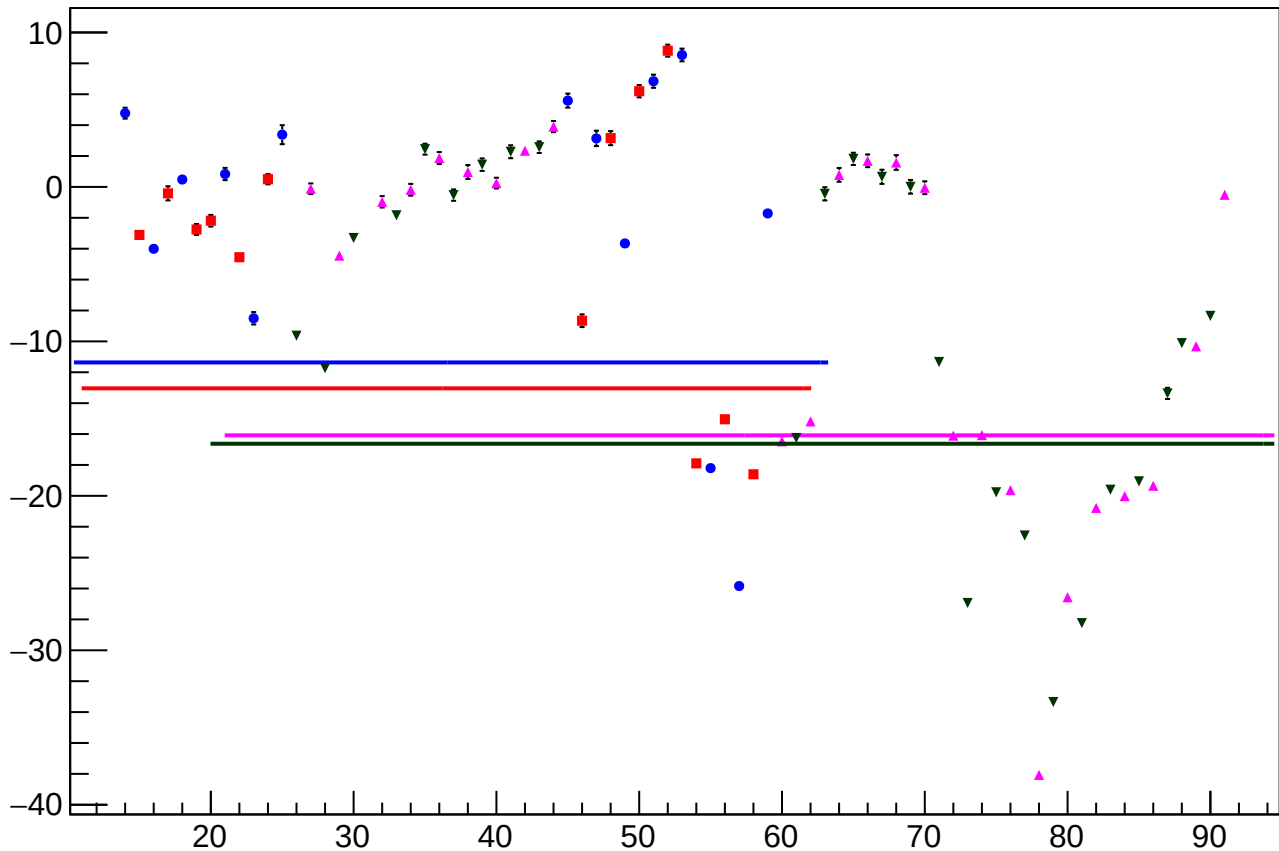
Right Out: -100.196 ± 0.326 $\chi^2/\text{NDF}: 23911.0/12$

Left In: 0.124 ± 0.225 $\chi^2/\text{NDF}: 51872.5/24$

-39.219 ± 0.187 $\chi^2/\text{NDF}: 157500.8/38$

-32.292 ± 0.185 $\chi^2/\text{NDF}: 139761.7/37$

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -11.363 ± 0.057 $\chi^2/\text{NDF}: 39360.2/13$

Left Out: -16.628 ± 0.041 $\chi^2/\text{NDF}: 50689.0/24$

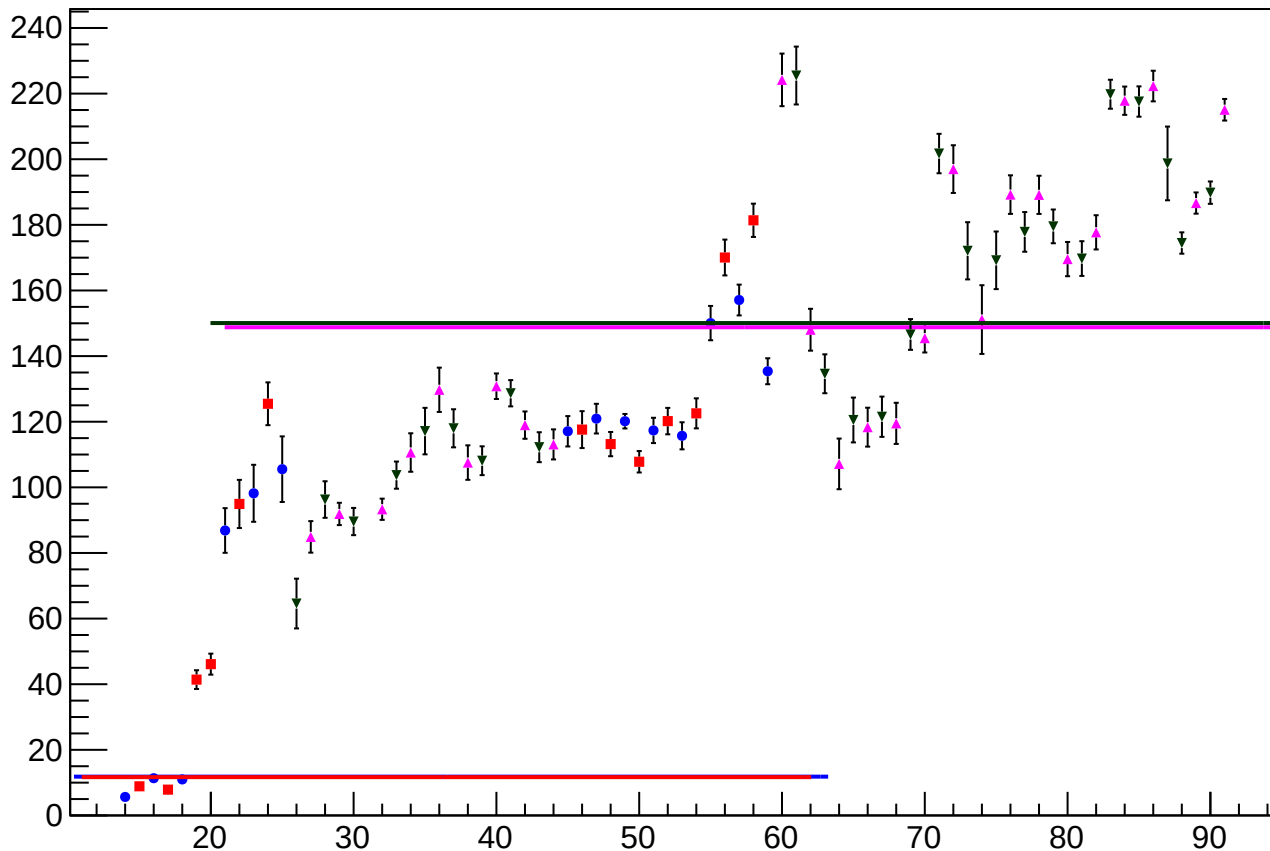
Right Out: -13.039 ± 0.059 $\chi^2/\text{NDF}: 17000.8/12$

Left In: -16.084 ± 0.041 $\chi^2/\text{NDF}: 57380.8/24$

-14.840 ± 0.033 $\chi^2/\text{NDF}: 95730.3/38$

-15.103 ± 0.033 $\chi^2/\text{NDF}: 76195.6/37$

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 11.828+/-0.214 χ^2/NDF : 8206.3/13

Left Out: 150.074+/-1.024 χ^2/NDF :1746.7/24

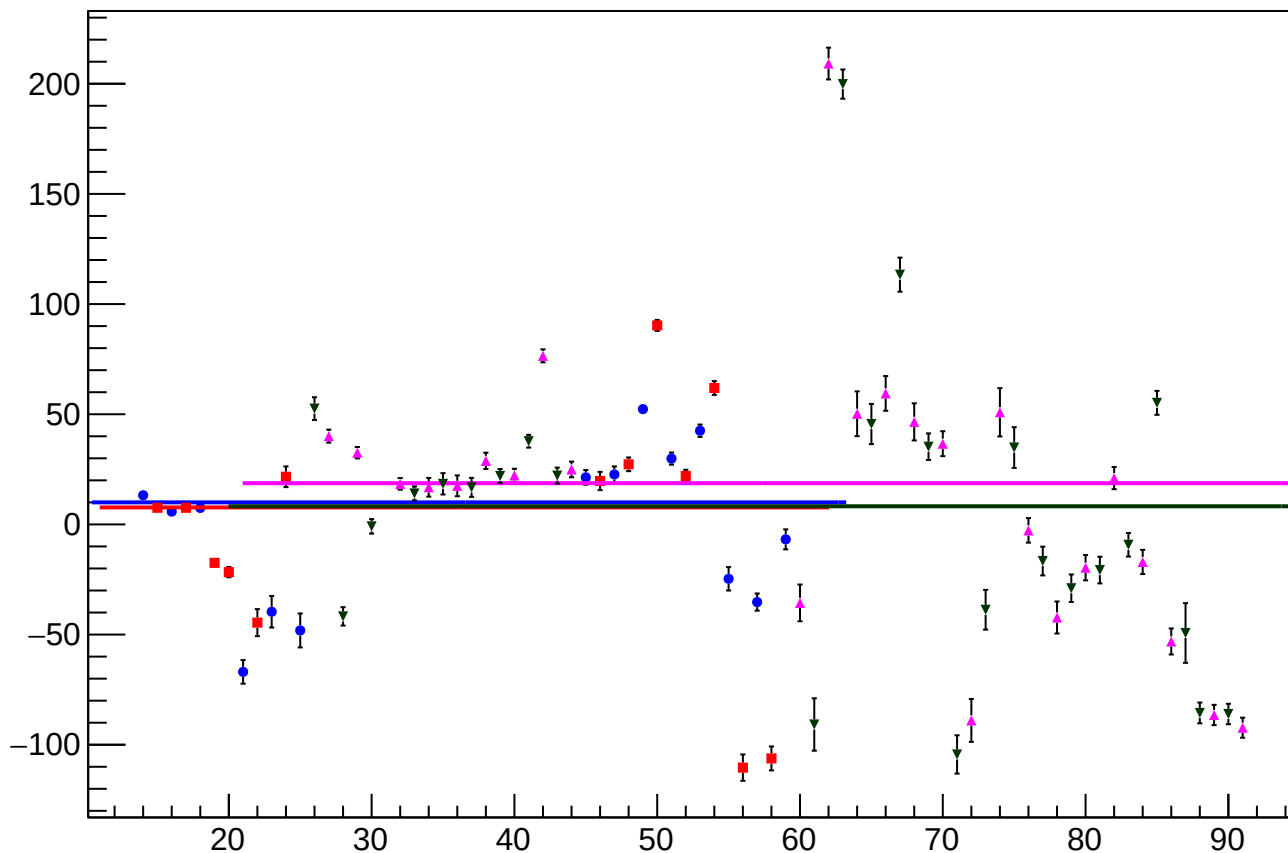
Right Out: 11.674+/-0.237 χ^2/NDF : 6084.6/12

Left In: 148.787+/-0.956 χ^2/NDF :2396.2/24

17.613+/-0.209 χ^2/NDF : 27427.8/38

19.622+/-0.230 χ^2/NDF : 27866.5/37

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: 8.224 $\pm$ 0.979 χ^2 /NDF: 2687.2/24

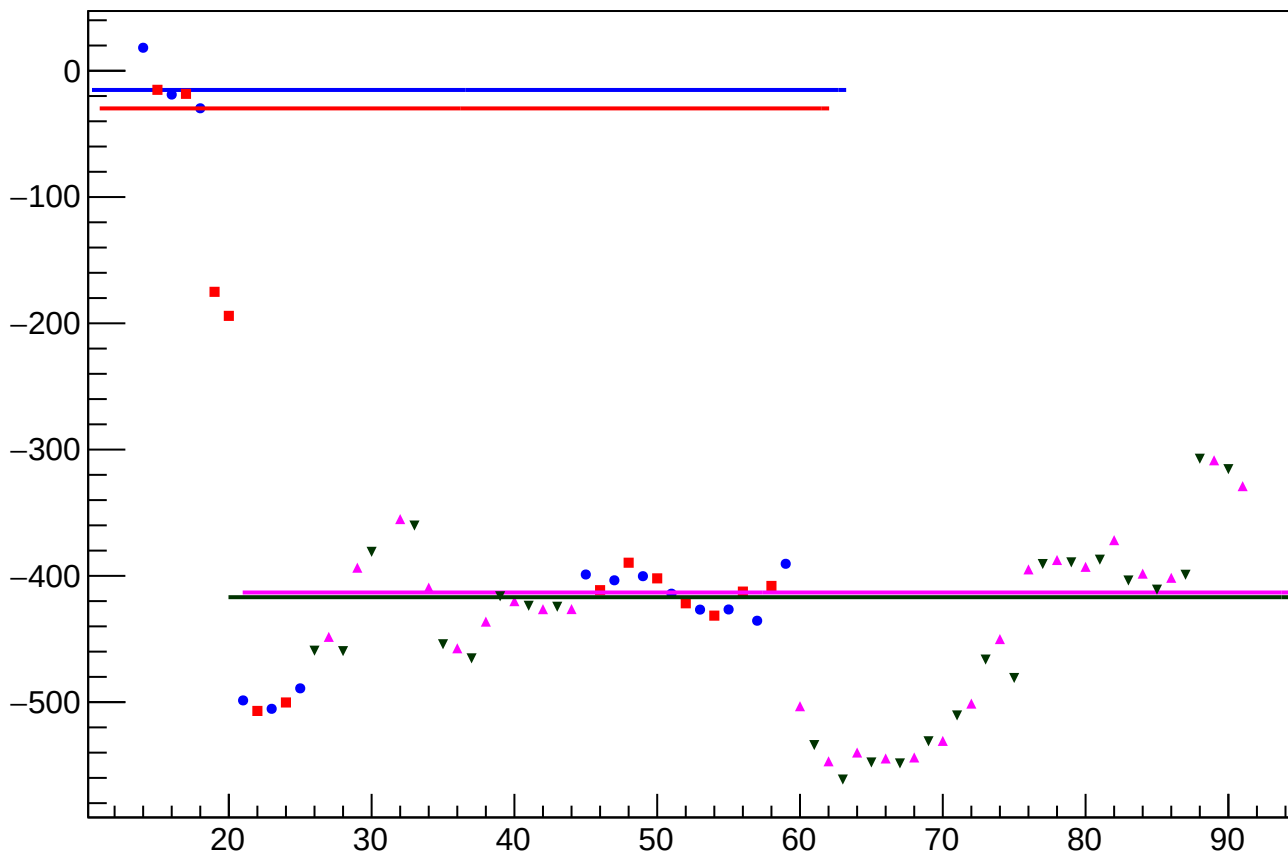
Right Out: 7.703 $\pm$ 0.182 χ^2 /NDF: 2685.1/12

Left In: 18.714 $\pm$ 0.882 χ^2 /NDF: 2842.4/24

9.959 $\pm$ 0.157 χ^2 /NDF: 4410.0/38

8.151 $\pm$ 0.178 χ^2 /NDF: 5677.0/37

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: -416.892 $\pm$ 0.182 χ^2 /NDF: 159499.0/24

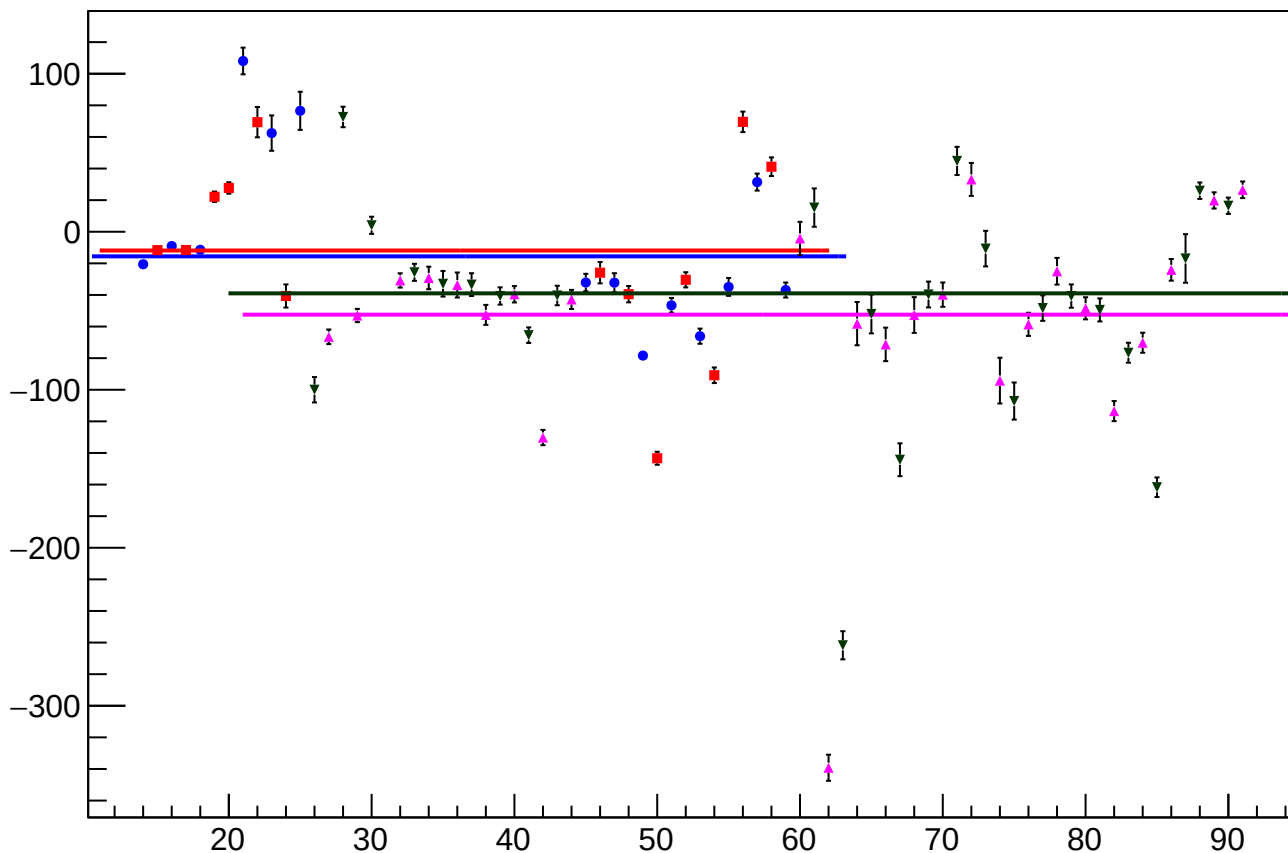
Right Out: -29.807 $\pm$ 0.046 χ^2 /NDF: 2294437.1/12

Left In: -413.171 $\pm$ 0.171 χ^2 /NDF: 155238.0/24

-35.042 $\pm$ 0.041 χ^2 /NDF: 8079546.0/38

-55.366 $\pm$ 0.044 χ^2 /NDF: 7140922.7/37

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: -38.987 ± 1.411 $\chi^2/\text{NDF}: 2032.7/24$

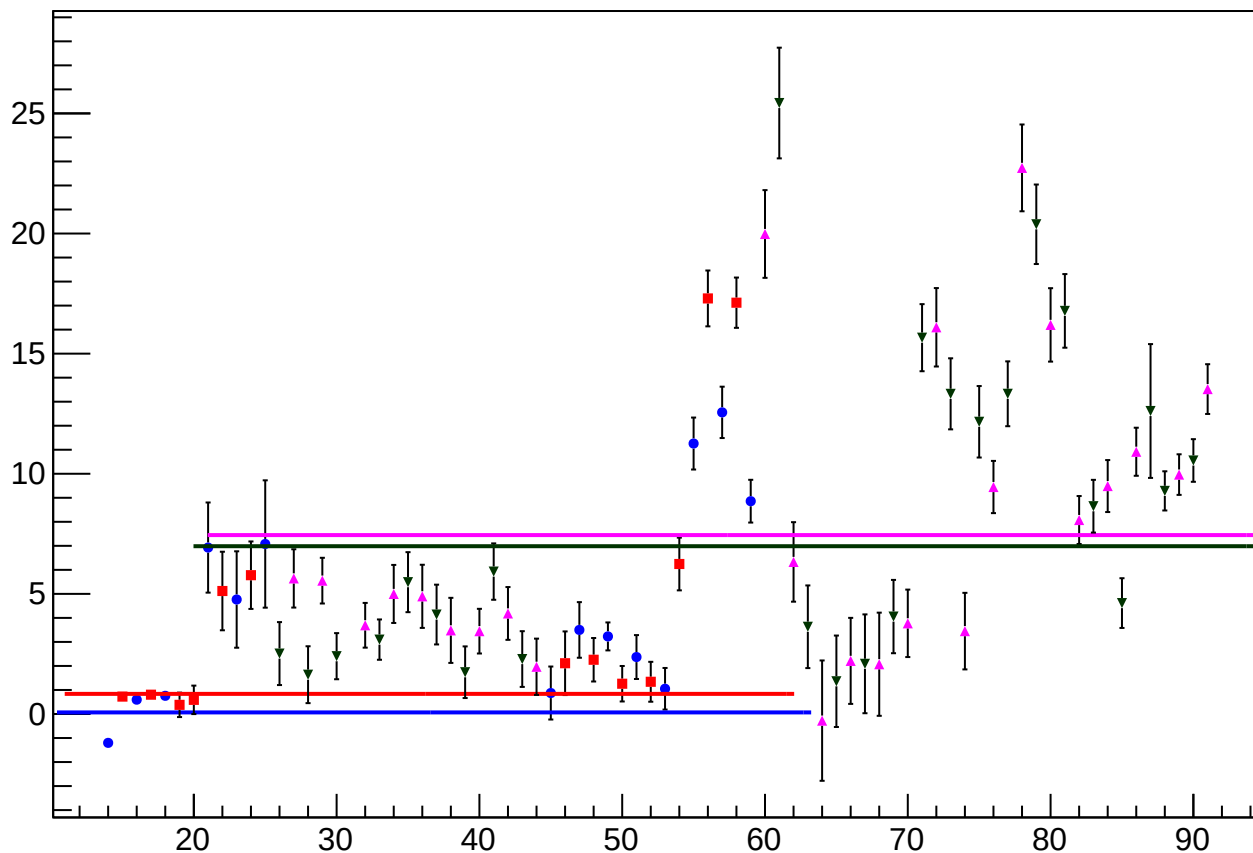
Right Out: -11.865 ± 0.283 $\chi^2/\text{NDF}: 1878.7/12$

Left In: -52.471 ± 1.297 $\chi^2/\text{NDF}: 2175.3/24$

-16.279 ± 0.246 $\chi^2/\text{NDF}: 3806.9/38$

-13.710 ± 0.276 $\chi^2/\text{NDF}: 4990.3/37$

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.066 ± 0.046 $\chi^2/\text{NDF}: 776.7/13$

Left Out: 6.984 ± 0.248 $\chi^2/\text{NDF}: 443.4/24$

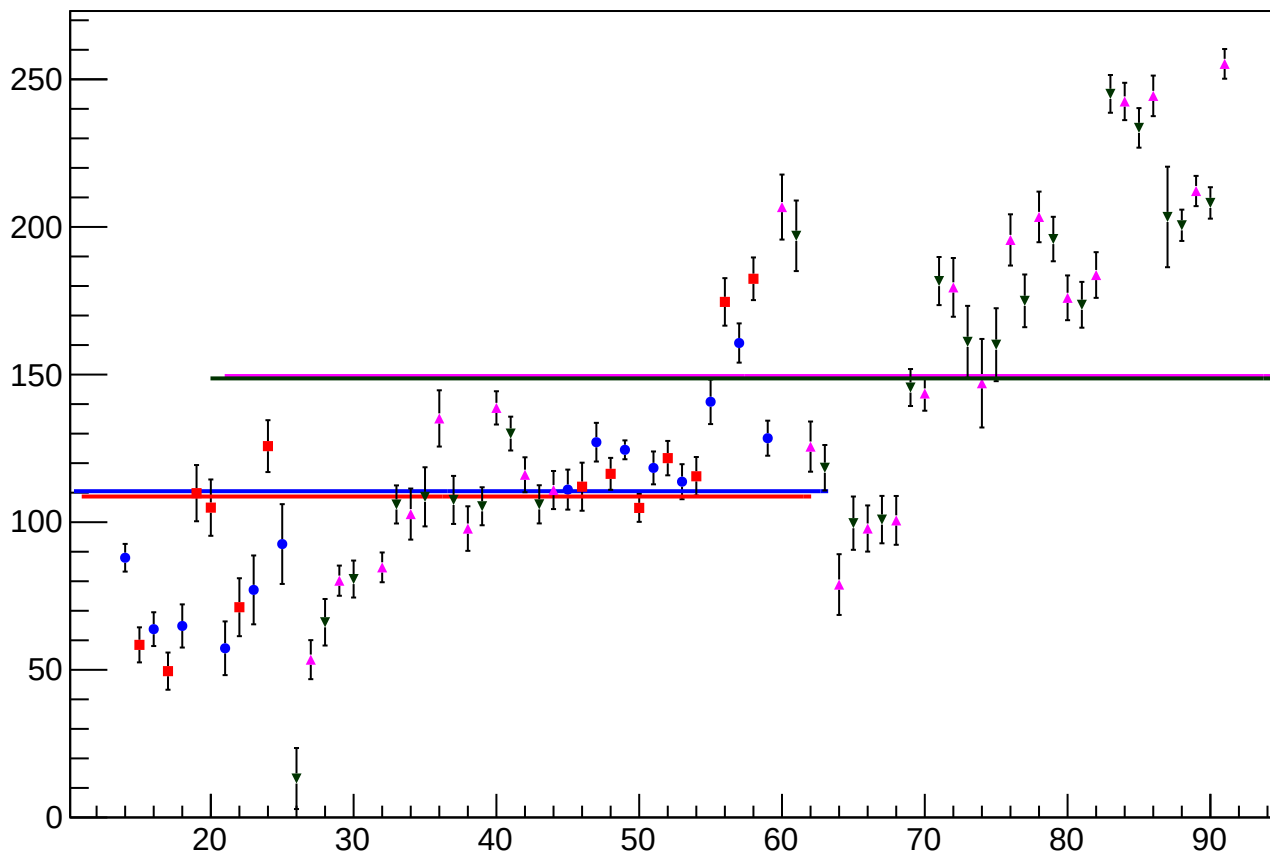
Right Out: 0.837 ± 0.049 $\chi^2/\text{NDF}: 495.1/12$

Left In: 7.447 ± 0.244 $\chi^2/\text{NDF}: 368.3/24$

0.301 ± 0.046 $\chi^2/\text{NDF}: 1974.6/38$

1.092 ± 0.048 $\chi^2/\text{NDF}: 1571.6/37$

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: 148.703 $\pm$ 1.487 χ^2 /NDF:1376.2/24

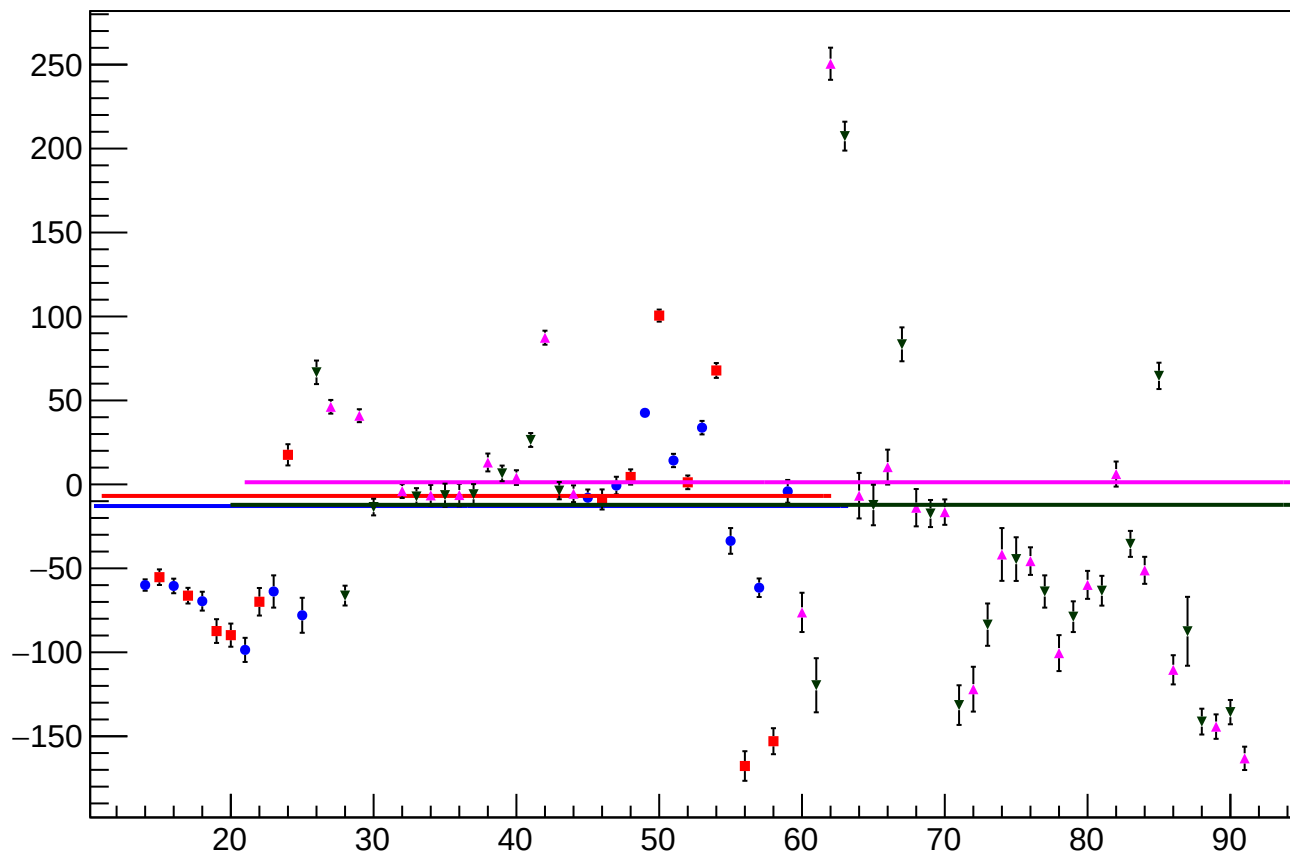
Right Out: 108.699 $\pm$ 1.887 χ^2 /NDF: 358.6/12

Left In: 149.512 $\pm$ 1.390 χ^2 /NDF:1979.4/24

130.962 $\pm$ 1.089 χ^2 /NDF: 1965.7/38

135.166 $\pm$ 1.119 χ^2 /NDF: 2641.2/37

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -12.887 ± 1.265 χ^2/NDF : 1325.7/13

Left Out: -12.175 ± 1.418 χ^2/NDF : 2051.3/24

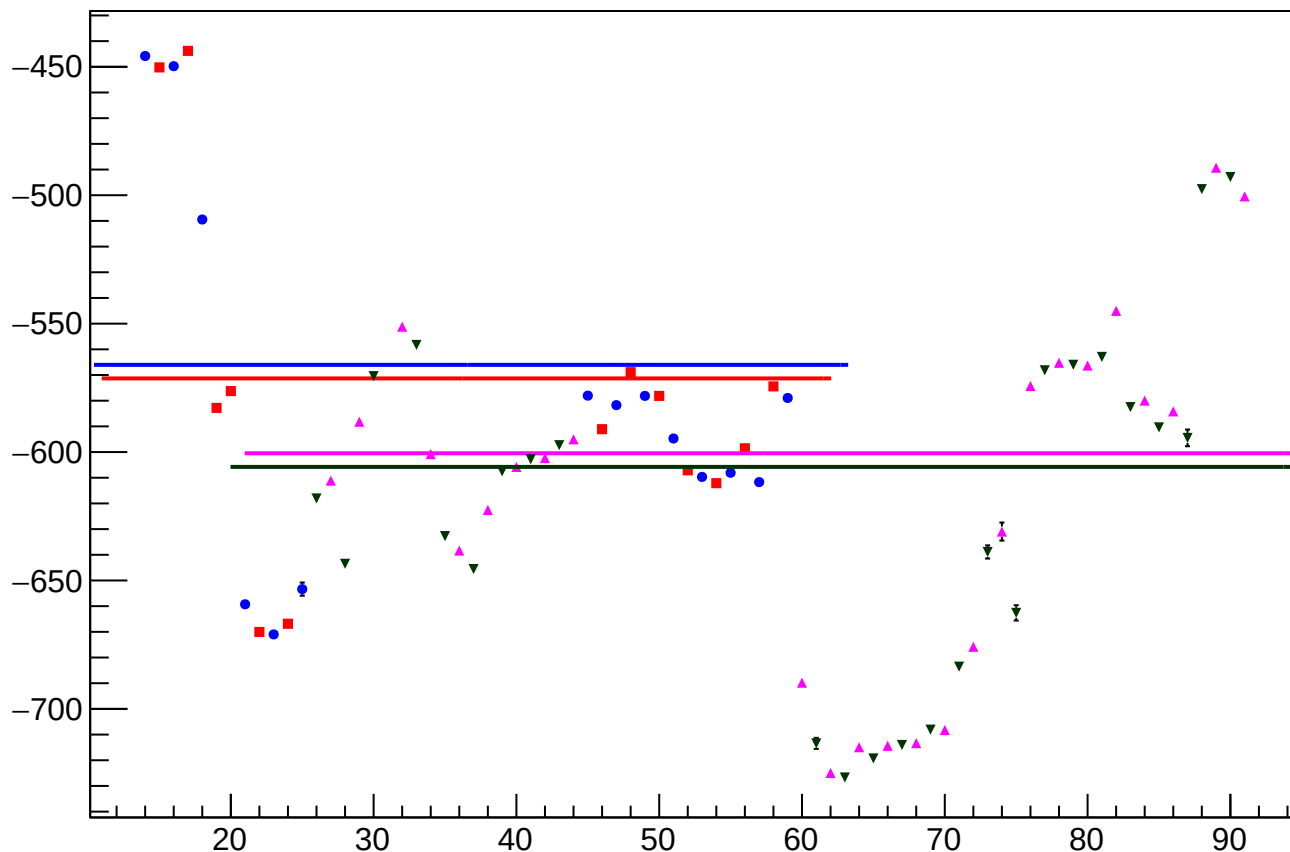
Right Out: -6.870 ± 1.462 χ^2/NDF : 2499.3/12

Left In: 1.278 ± 1.279 χ^2/NDF : 2830.8/24

-12.572 ± 0.944 χ^2/NDF : 3377.1/38

-2.255 ± 0.963 χ^2/NDF : 5347.7/37

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -566.044 $\pm$ 0.296 χ^2 /NDF: 43350.2/13

Left Out: -605.777 $\pm$ 0.265 χ^2 /NDF: 66881.0/24

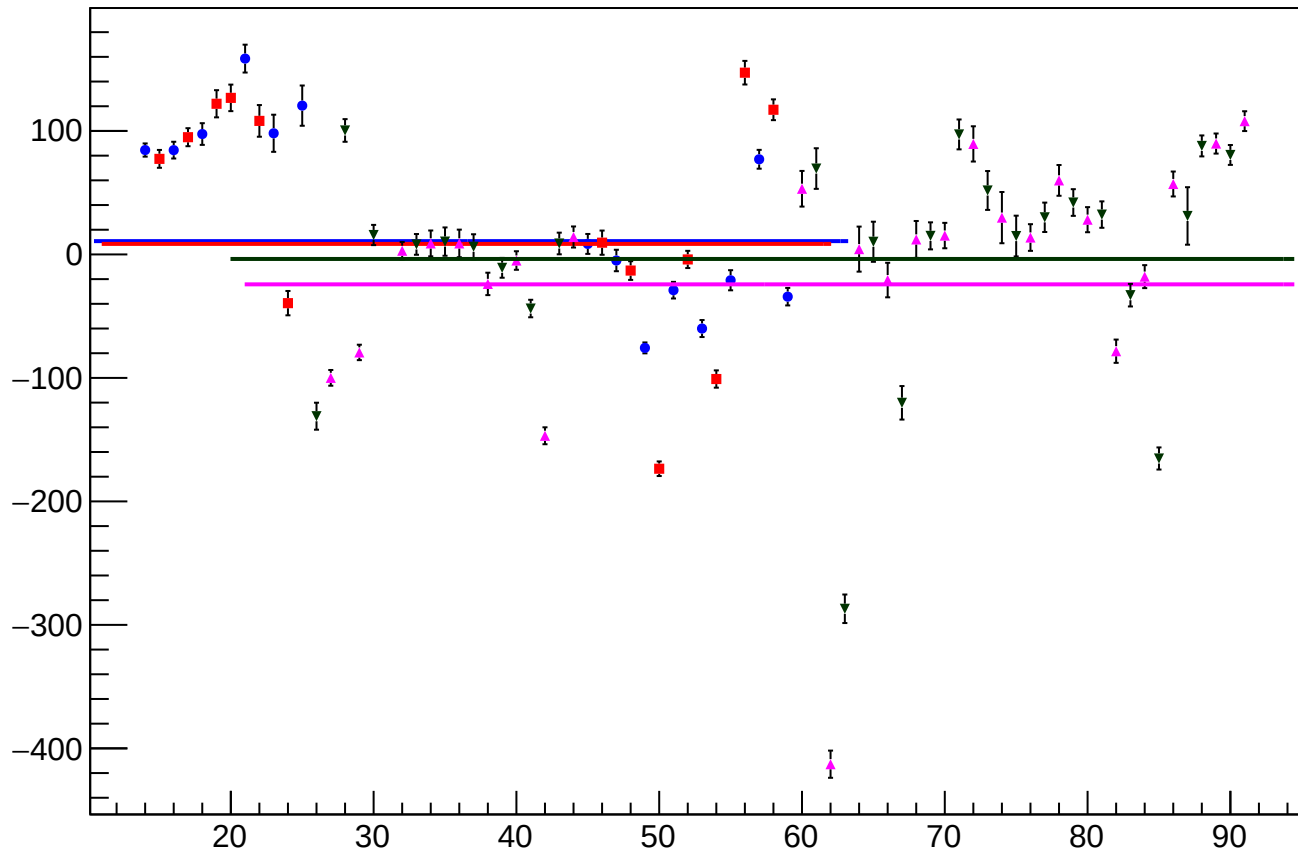
Right Out: -571.326 $\pm$ 0.340 χ^2 /NDF: 31983.2/12

Left In: -600.466 $\pm$ 0.248 χ^2 /NDF: 71186.8/24

-588.102 $\pm$ 0.197 χ^2 /NDF: 120261.2/38

-590.347 $\pm$ 0.201 χ^2 /NDF: 107951.7/37

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 10.777 $\pm$ 1.958 χ^2 /NDF: 1314.5/13

Left Out: -3.668 $\pm$ 2.048 χ^2 /NDF:1692.0/24

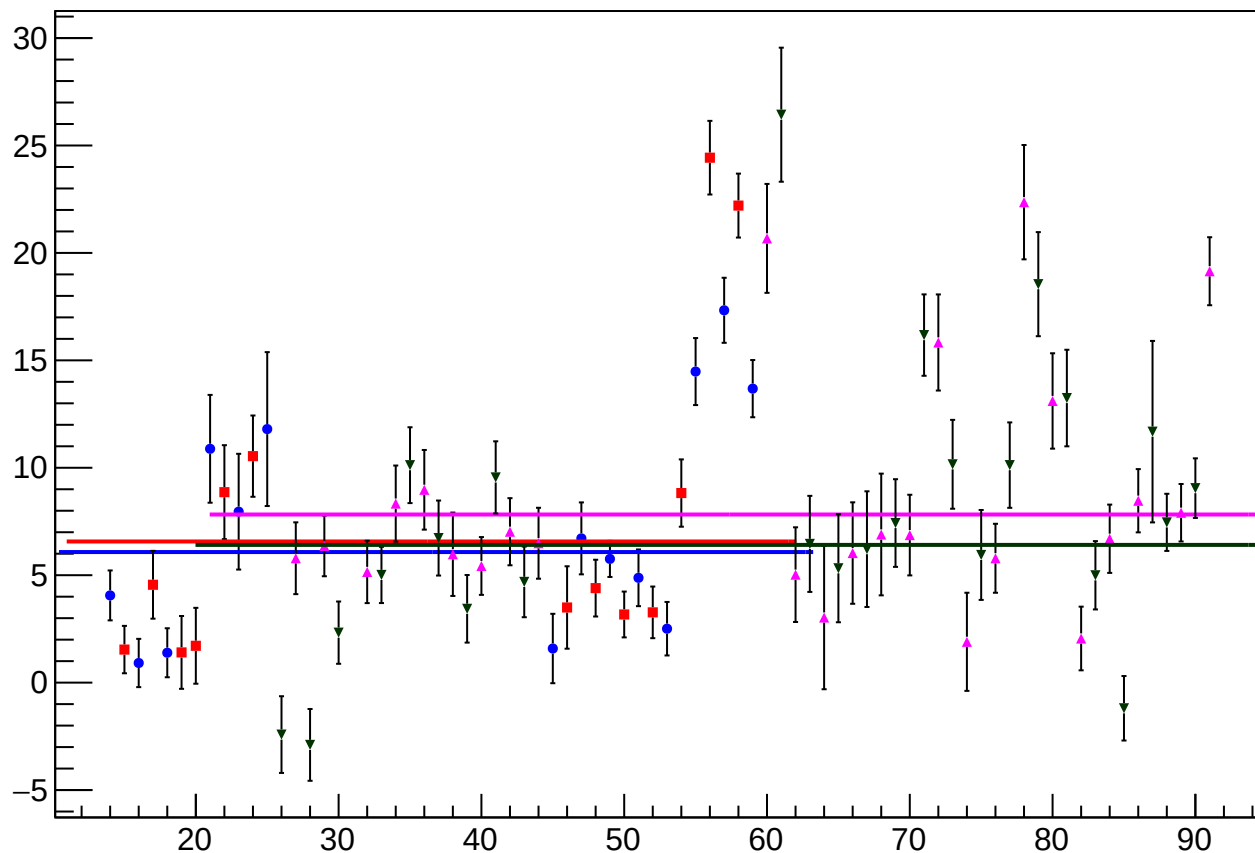
Right Out: 8.527 $\pm$ 2.272 χ^2 /NDF: 2122.0/12

Left In: -24.230 $\pm$ 1.881 χ^2 /NDF:2618.3/24

3.880 $\pm$ 1.415 χ^2 /NDF: 3032.4/38

-10.913 $\pm$ 1.449 χ^2 /NDF: 4863.6/37

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.077 ± 0.366 χ^2/NDF : 181.7/13

Left Out: 6.410 ± 0.361 χ^2/NDF : 218.8/24

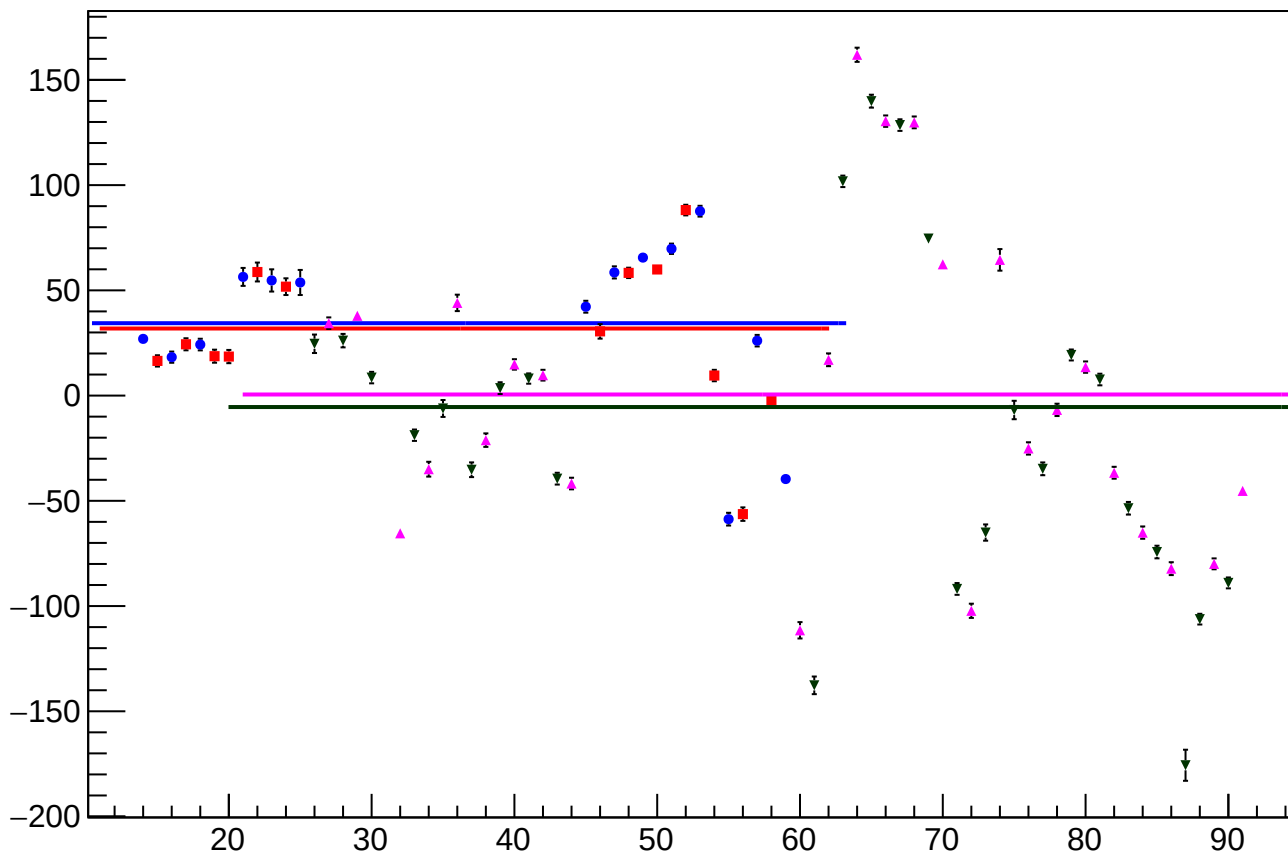
Right Out: 6.570 ± 0.408 χ^2/NDF : 288.8/12

Left In: 7.825 ± 0.354 χ^2/NDF : 165.5/24

6.246 ± 0.257 χ^2/NDF : 401.0/38

7.286 ± 0.268 χ^2/NDF : 459.7/37

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 34.399 ± 0.688 $\chi^2/\text{NDF}: 3514.3/13$

Left Out: -5.439 ± 0.599 $\chi^2/\text{NDF}: 14162.5/24$

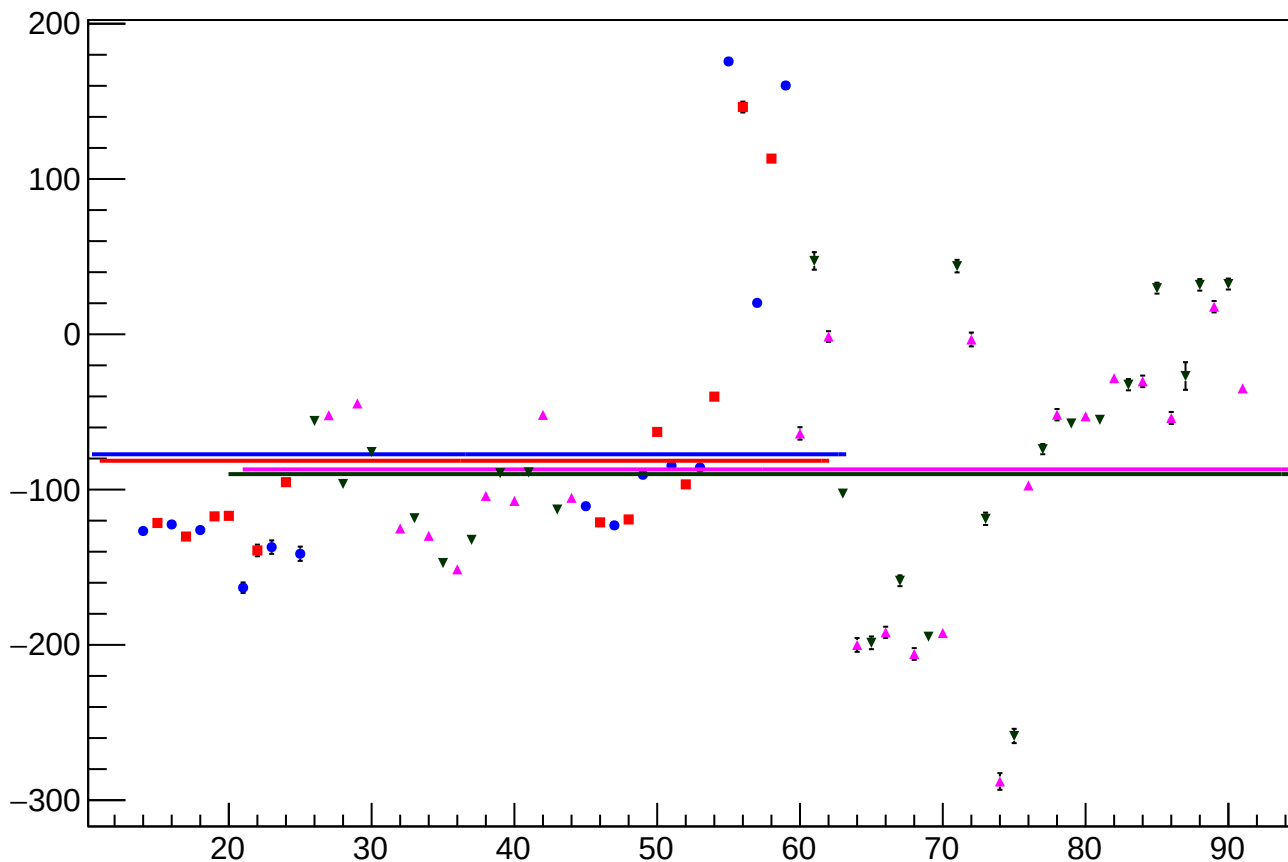
Right Out: 31.869 ± 0.800 $\chi^2/\text{NDF}: 1891.8/12$

Left In: 0.521 ± 0.559 $\chi^2/\text{NDF}: 14369.3/24$

11.737 ± 0.452 $\chi^2/\text{NDF}: 19583.4/38$

10.813 ± 0.458 $\chi^2/\text{NDF}: 17292.1/37$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -77.265 $\pm$ 0.551 χ^2 /NDF: 22725.0/13

Left Out: -90.040 $\pm$ 0.581 χ^2 /NDF:10655.4/24

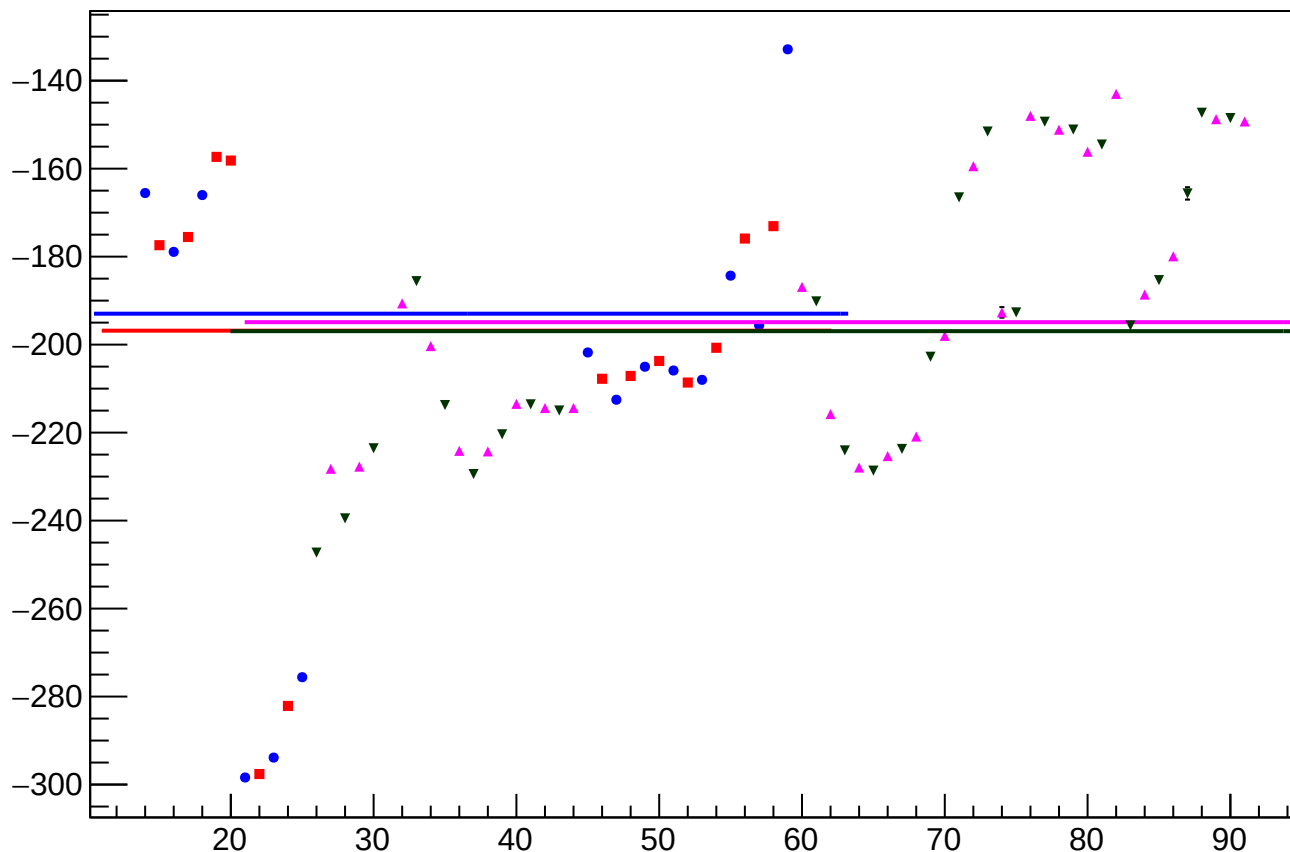
Right Out: -81.418 $\pm$ 0.621 χ^2 /NDF: 11349.2/12

Left In: -86.995 $\pm$ 0.522 χ^2 /NDF:11544.3/24

-83.314 $\pm$ 0.400 χ^2 /NDF: 33635.0/38

-84.686 $\pm$ 0.400 χ^2 /NDF: 22940.8/37

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -192.968+/-0.127 χ^2/NDF : 77525.1/13

Left Out: -196.939+/-0.107 χ^2/NDF : 84782.3/24

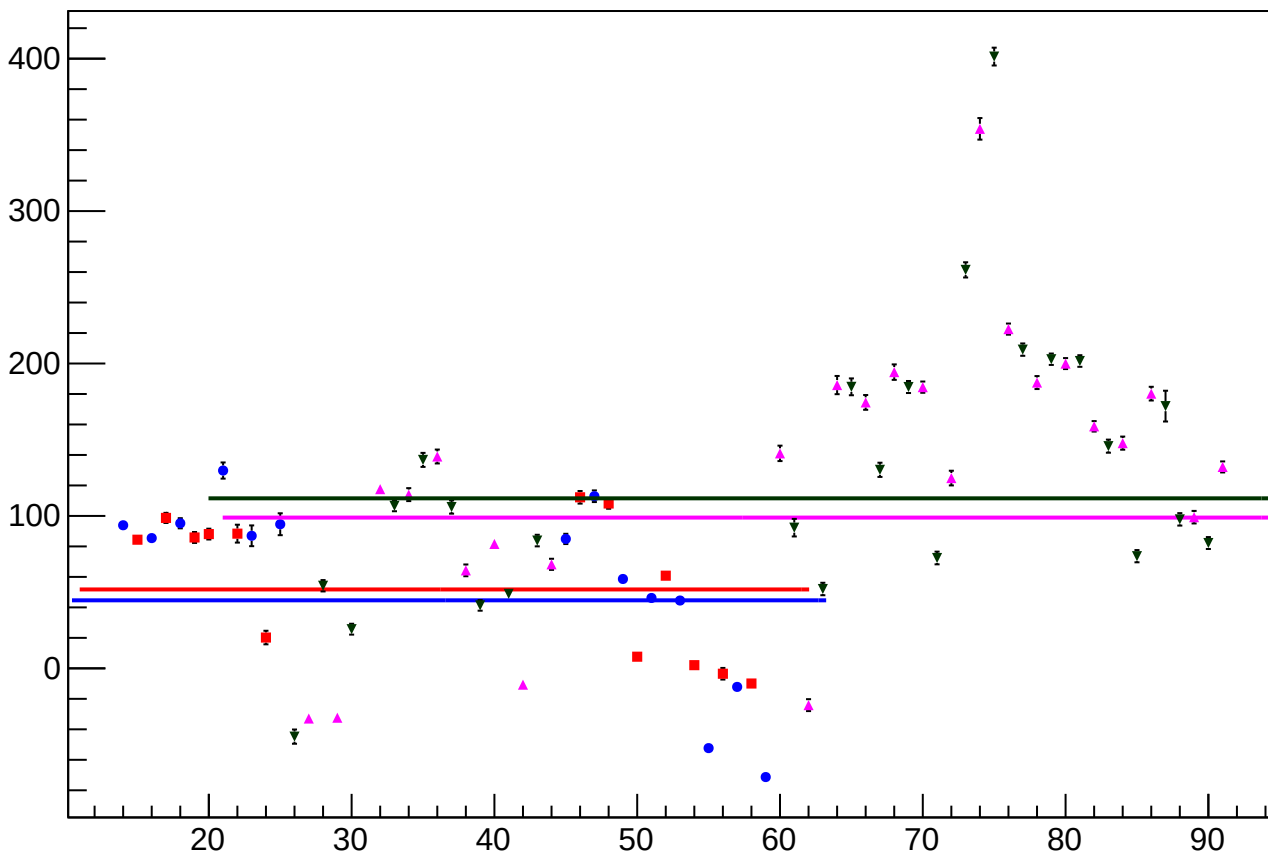
Right Out: -196.829+/-0.144 χ^2/NDF : 46202.2/12

Left In: -194.894+/-0.100 χ^2/NDF : 89483.8/24

-195.287+/-0.082 χ^2/NDF : 162882.8/38

-195.519+/-0.082 χ^2/NDF : 135808.1/37

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: 111.545 ± 0.831 $\chi^2/\text{NDF}: 9050.4/24$

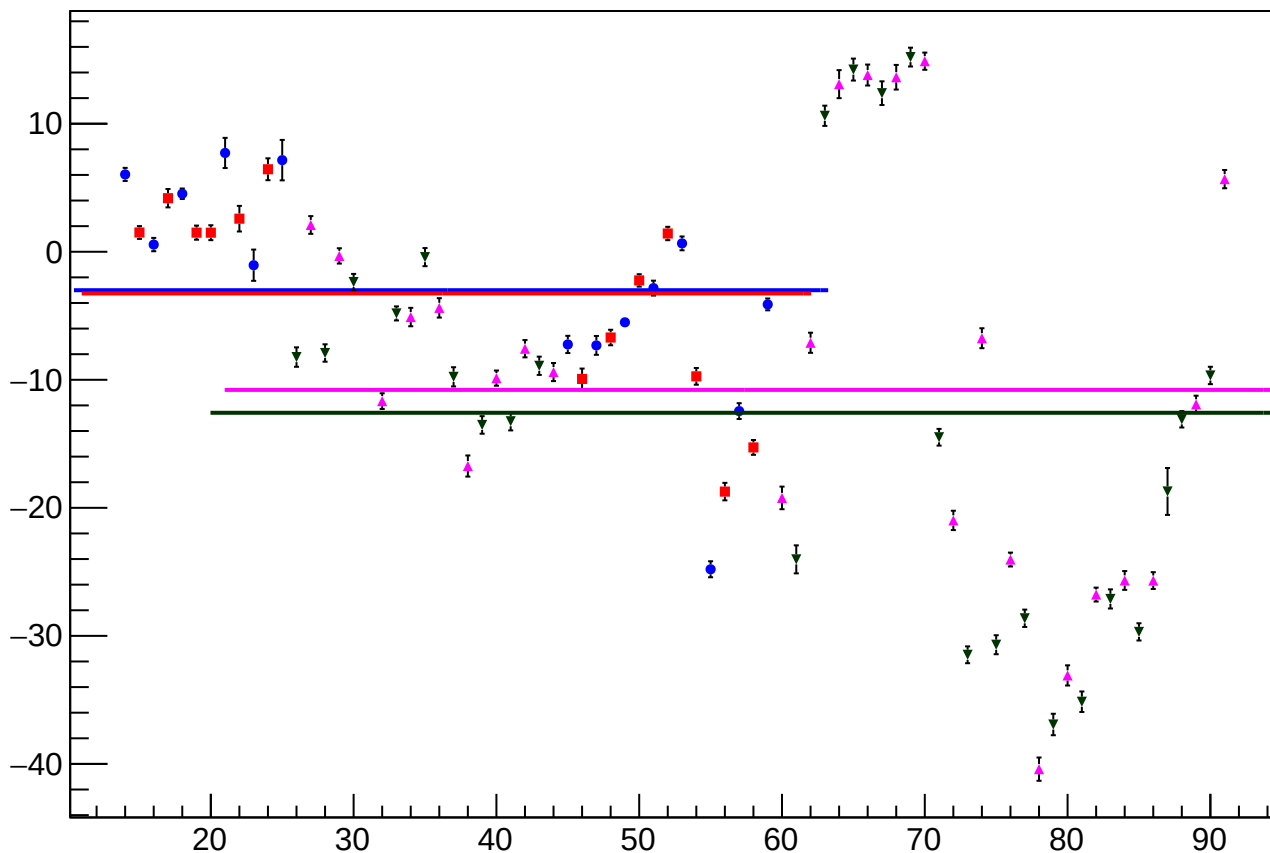
Right Out: 51.770 ± 0.957 $\chi^2/\text{NDF}: 2204.0/12$

Left In: 98.915 ± 0.760 $\chi^2/\text{NDF}: 13603.5/24$

78.358 ± 0.590 $\chi^2/\text{NDF}: 17402.6/38$

80.693 ± 0.595 $\chi^2/\text{NDF}: 17296.6/37$

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -3.003+/-0.154 χ^2/NDF : 2442.5/13

Left Out: -12.576+/-0.146 χ^2/NDF : 9669.1/24

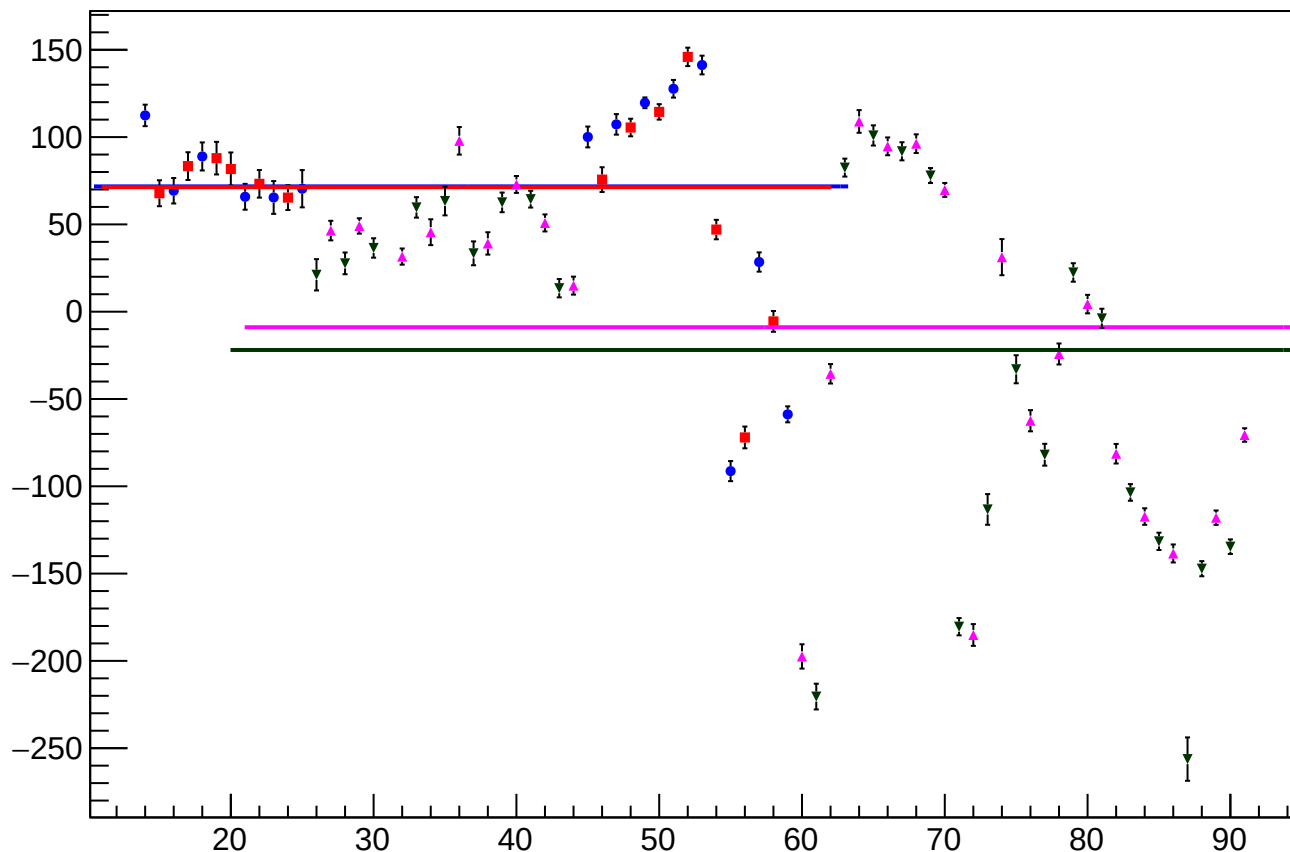
Right Out: -3.257+/-0.171 χ^2/NDF : 1730.7/12

Left In: -10.789+/-0.142 χ^2/NDF : 9463.0/24

-8.049+/-0.106 χ^2/NDF : 14143.8/38

-7.714+/-0.109 χ^2/NDF : 12342.7/37

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 71.757 $\pm$ 1.497 χ^2 /NDF: 2319.1/13

Left Out: -21.925 $\pm$ 1.126 χ^2 /NDF: 7769.0/24

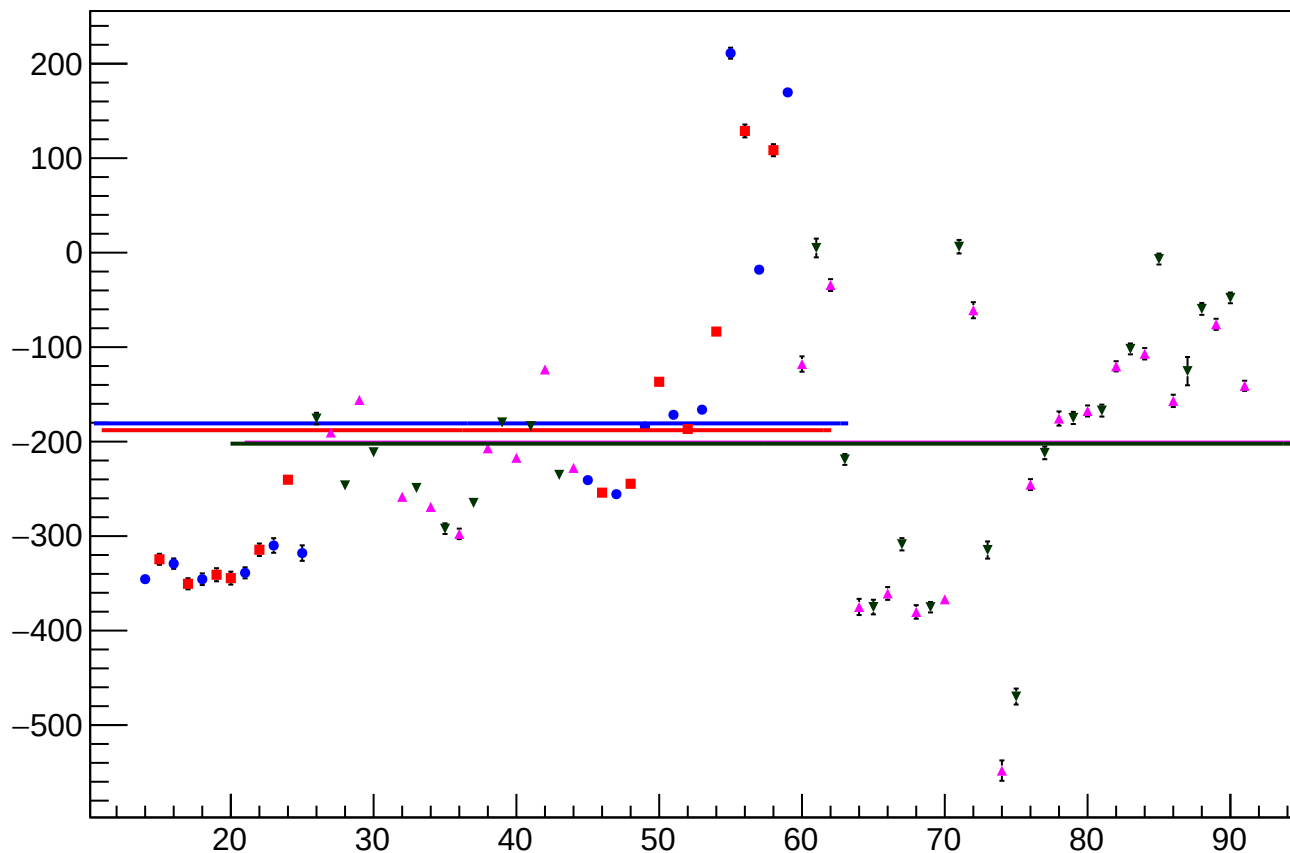
Right Out: 71.308 $\pm$ 1.755 χ^2 /NDF: 1064.3/12

Left In: -8.901 $\pm$ 1.061 χ^2 /NDF: 6546.3/24

11.934 $\pm$ 0.900 χ^2 /NDF: 12589.0/38

12.575 $\pm$ 0.908 χ^2 /NDF: 9140.4/37

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -180.716 $\pm$ 1.210 χ^2 /NDF: 14737.8/13

Left Out: -202.150 $\pm$ 1.122 χ^2 /NDF: 7701.6/24

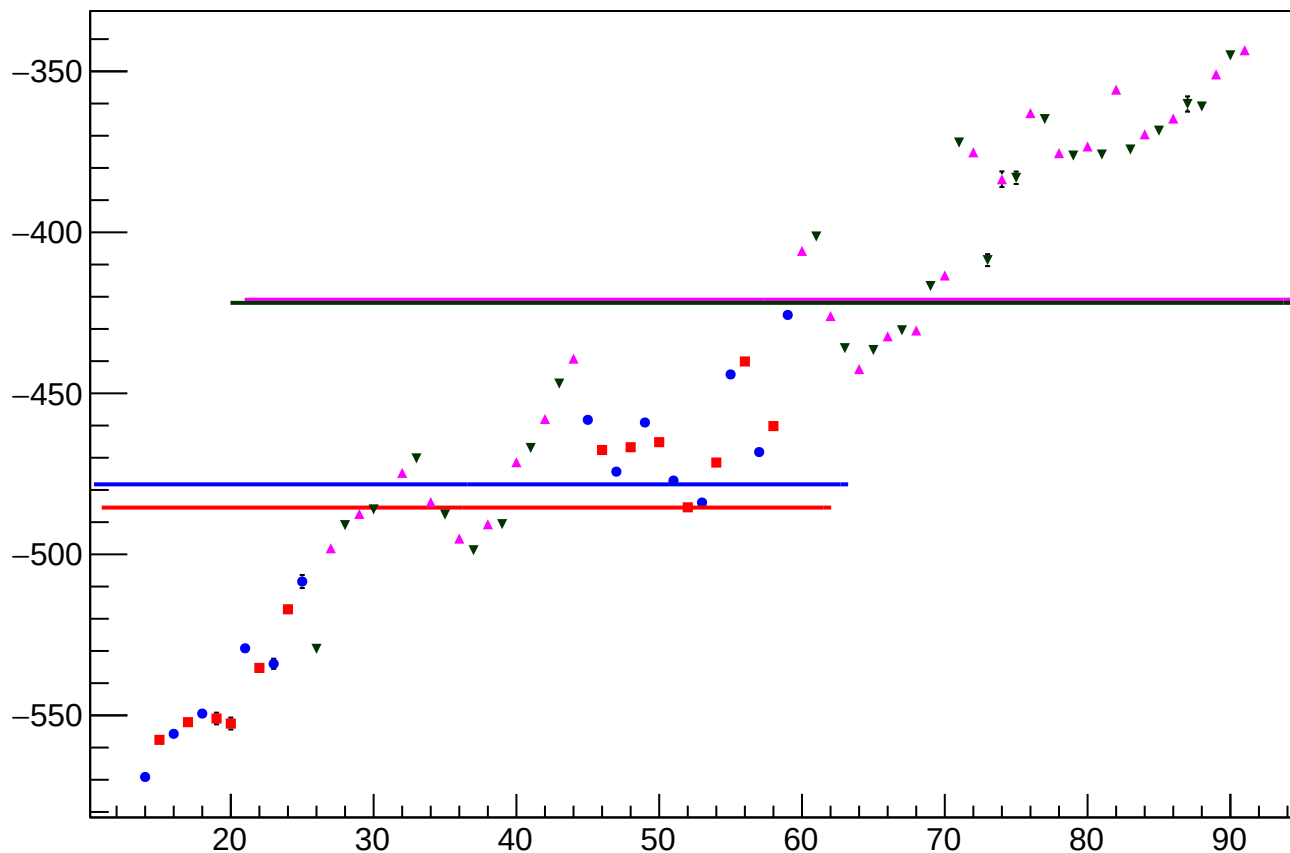
Right Out: -187.931 $\pm$ 1.375 χ^2 /NDF: 8410.8/12

Left In: -201.019 $\pm$ 1.019 χ^2 /NDF: 7402.2/24

-192.243 $\pm$ 0.823 χ^2 /NDF: 22608.1/38

-196.379 $\pm$ 0.819 χ^2 /NDF: 15871.5/37

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -478.261+/-0.273 χ^2/NDF : 20567.7/13

Left Out: -421.899+/-0.202 χ^2/NDF : 65107.8/24

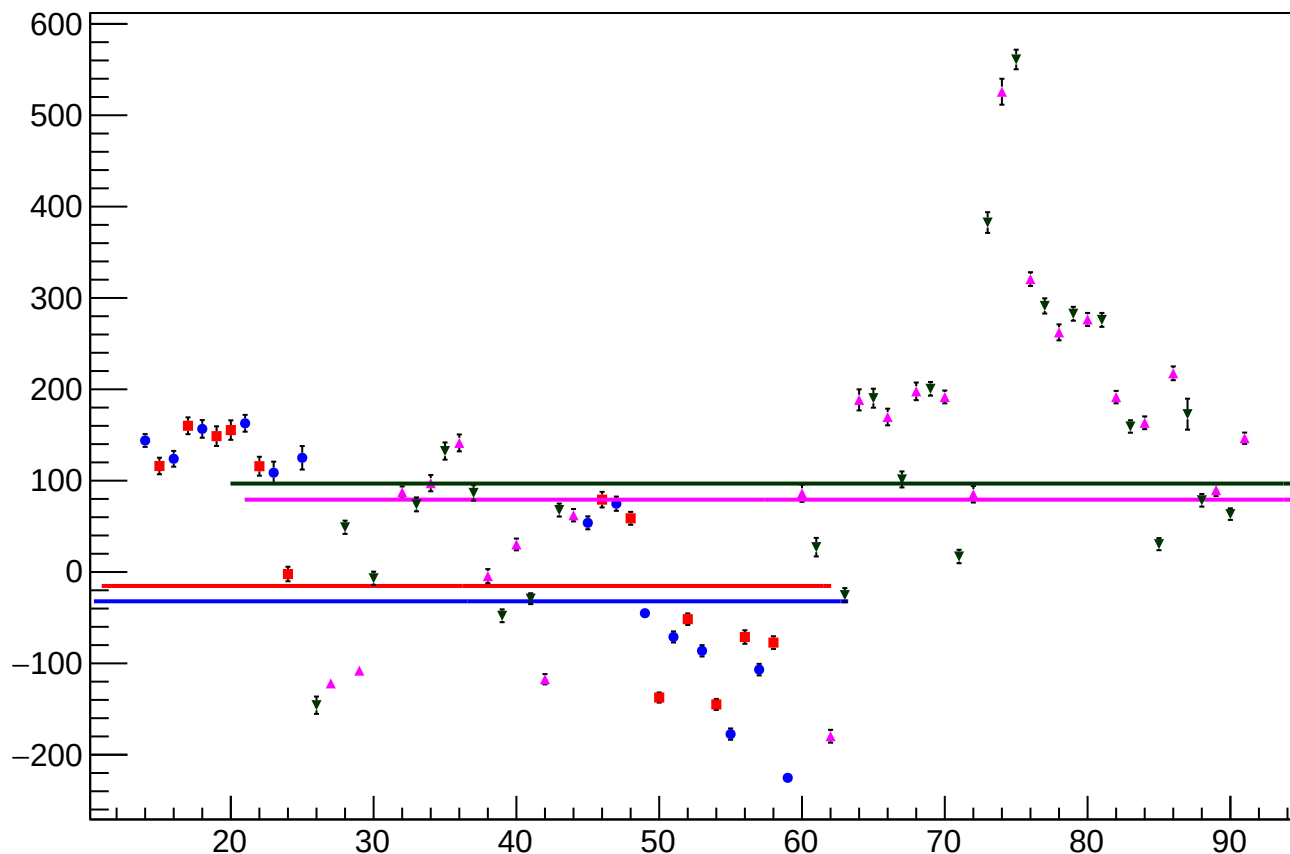
Right Out: -485.472+/-0.313 χ^2/NDF : 12721.7/12

Left In: -420.918+/-0.190 χ^2/NDF : 72109.7/24

-441.794+/-0.162 χ^2/NDF : 113211.4/38

-438.341+/-0.163 χ^2/NDF : 115886.0/37

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: 96.832 ± 1.575 $\chi^2/\text{NDF}: 6940.3/24$

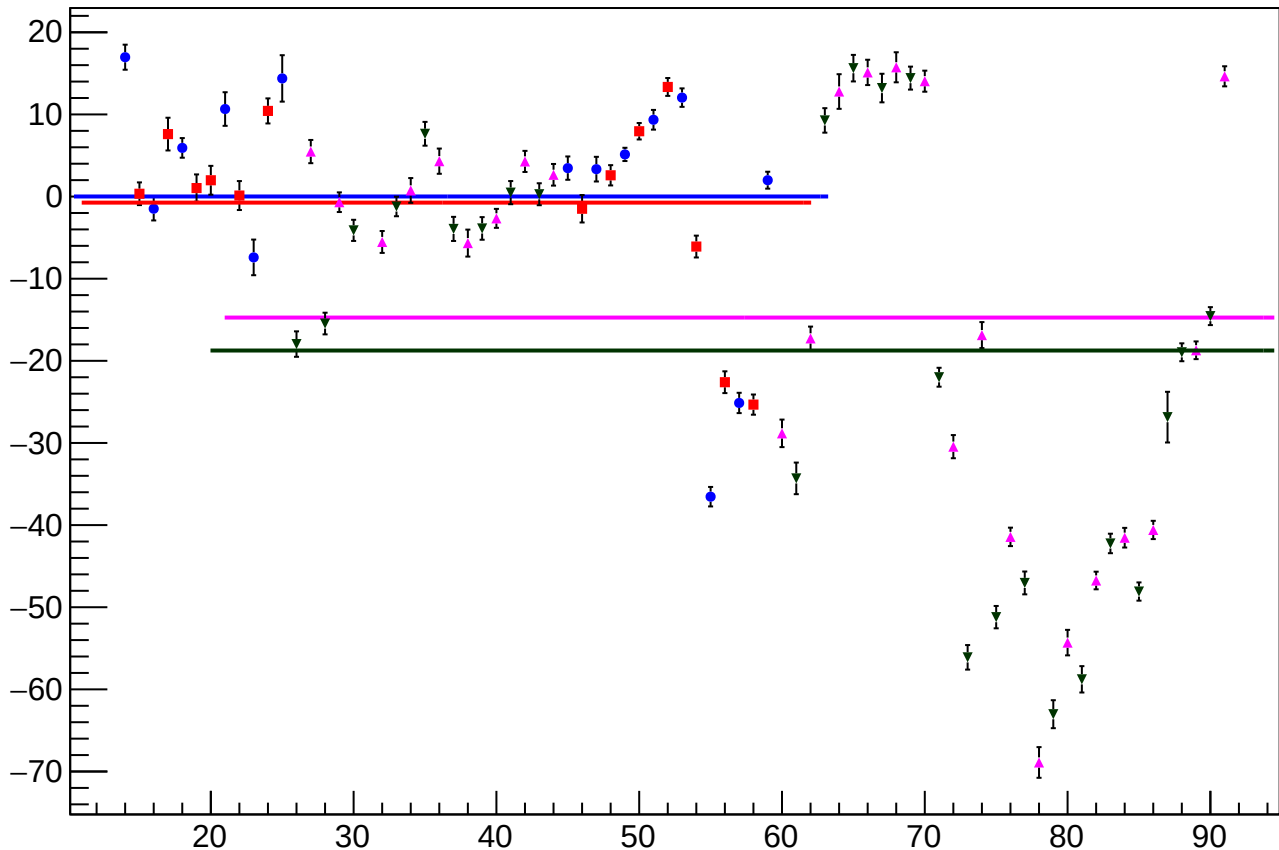
Right Out: -15.259 ± 2.109 $\chi^2/\text{NDF}: 2577.9/12$

Left In: 79.204 ± 1.457 $\chi^2/\text{NDF}: 10142.7/24$

42.017 ± 1.194 $\chi^2/\text{NDF}: 14265.2/38$

48.692 ± 1.199 $\chi^2/\text{NDF}: 14078.7/37$

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: -18.745 $\pm$ 0.277 χ^2 /NDF: 7088.3/24

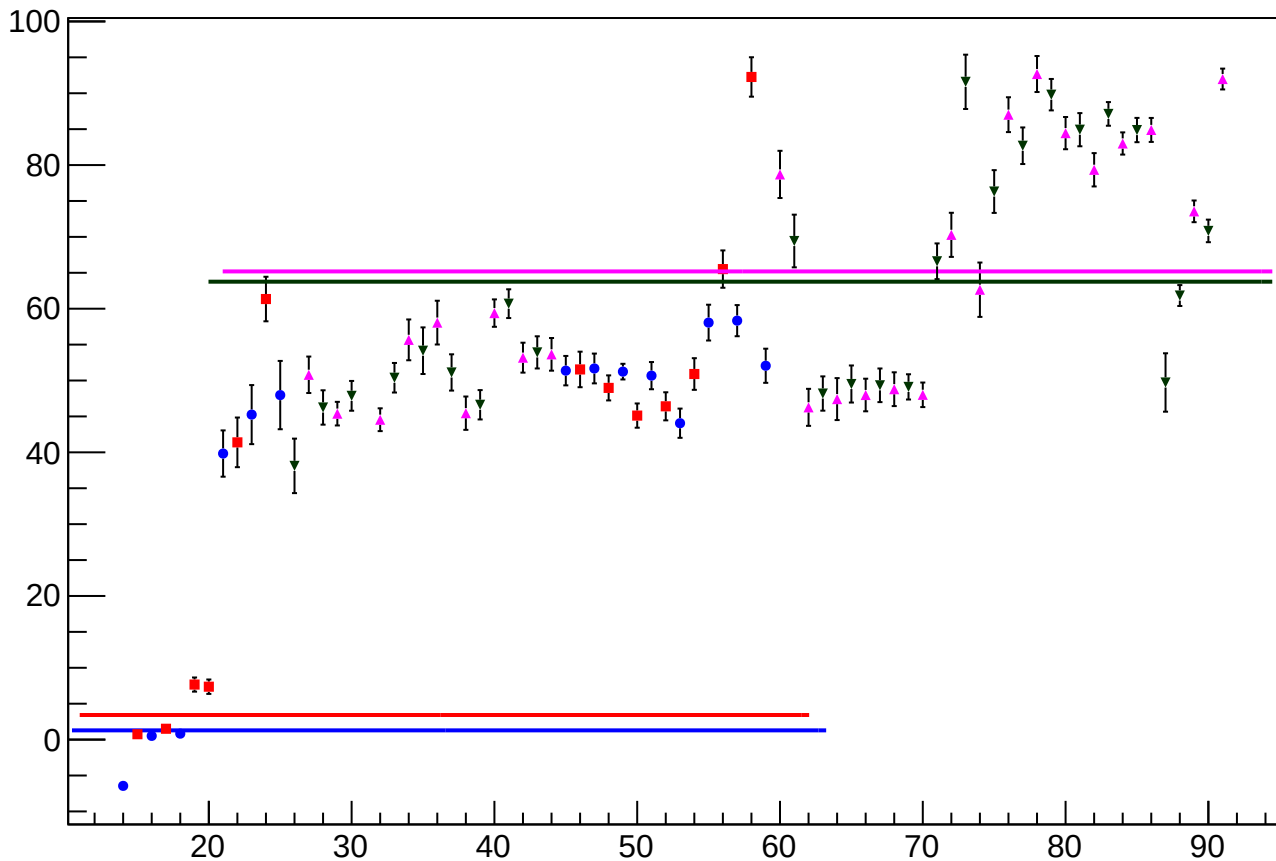
Right Out: -0.737 $\pm$ 0.382 χ^2 /NDF: 1014.1/12

Left In: -14.732 $\pm$ 0.271 χ^2 /NDF: 7286.3/24

-11.375 $\pm$ 0.215 χ^2 /NDF: 10701.8/38

-10.042 $\pm$ 0.221 χ^2 /NDF: 9194.4/37

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 1.286 $\pm$ 0.144 χ^2 /NDF: 7276.6/13

Left Out: 63.761 $\pm$ 0.442 χ^2 /NDF:1253.6/24

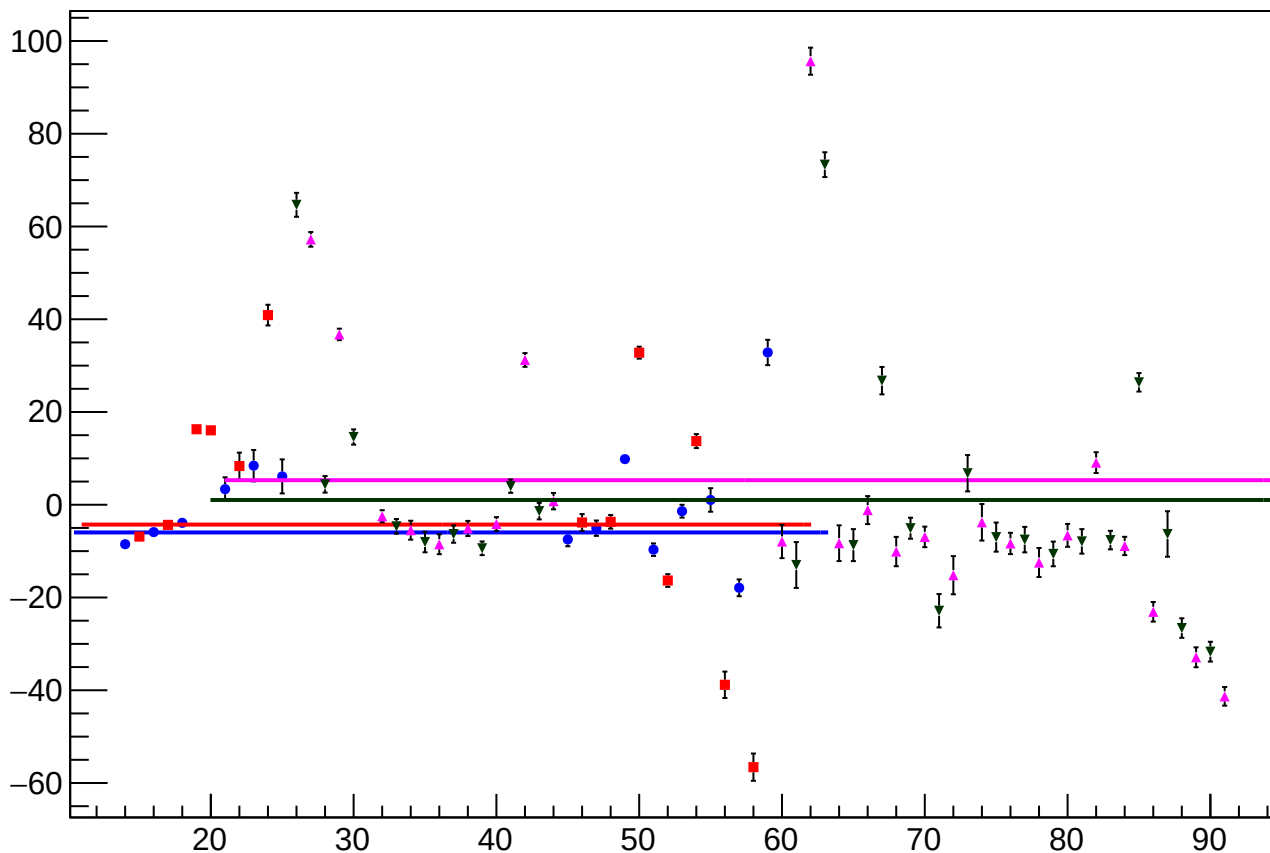
Right Out: 3.426 $\pm$ 0.149 χ^2 /NDF: 4972.0/12

Left In: 65.191 $\pm$ 0.419 χ^2 /NDF:1777.7/24

7.282 $\pm$ 0.137 χ^2 /NDF: 26553.2/38

10.351 $\pm$ 0.140 χ^2 /NDF: 26038.4/37

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -5.970 ± 0.108 χ^2/NDF : 863.8/13

Left Out: 1.030 ± 0.439 χ^2/NDF : 2292.8/24

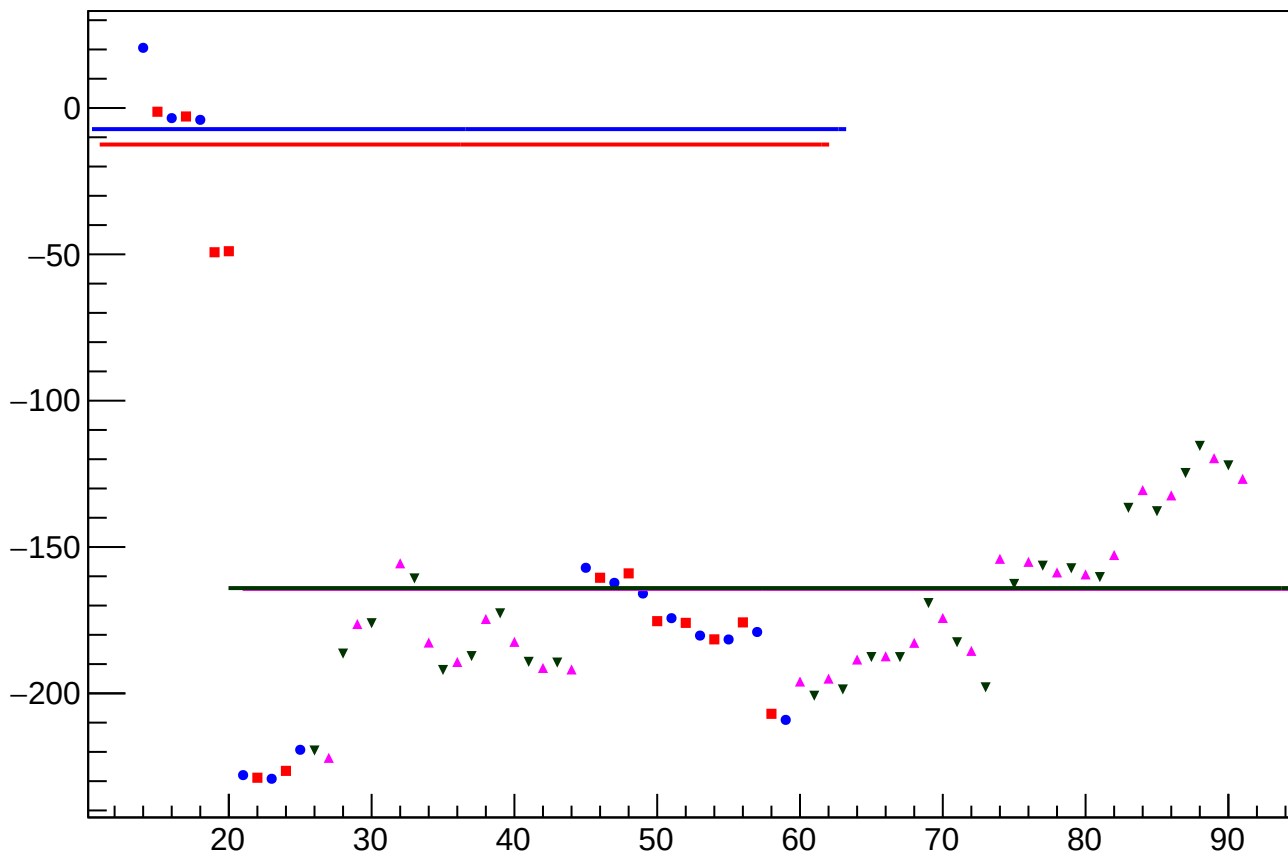
Right Out: -4.273 ± 0.114 χ^2/NDF : 3772.6/12

Left In: 5.295 ± 0.404 χ^2/NDF : 4477.4/24

-5.567 ± 0.105 χ^2/NDF : 3396.5/38

-3.573 ± 0.109 χ^2/NDF : 8768.8/37

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -7.215+/-0.028 χ^2/NDF : 2590449.1/13

Left Out: -164.032+/-0.079 χ^2/NDF : 119022.6/24

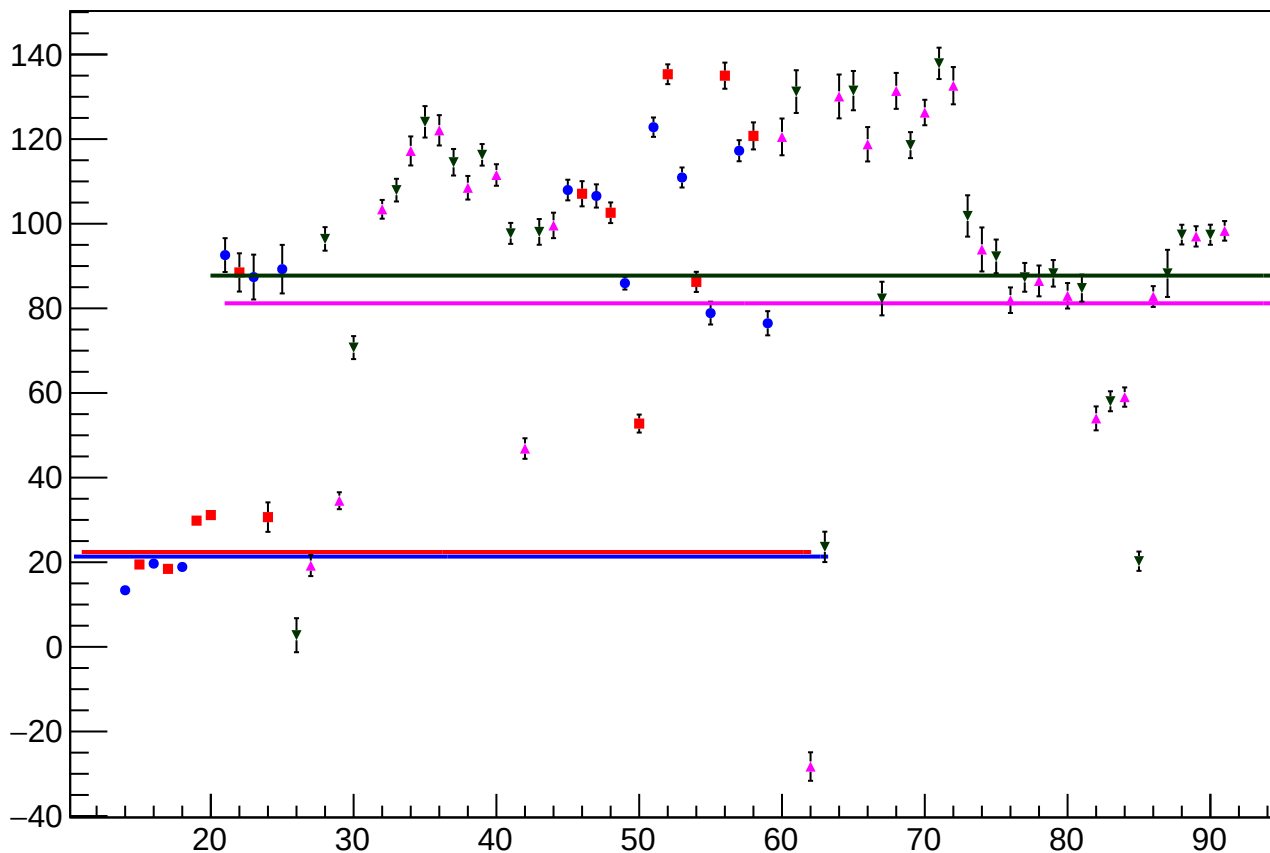
Right Out: -12.480+/-0.029 χ^2/NDF : 1830190.7/12

Left In: -164.323+/-0.075 χ^2/NDF : 121513.4/24

-24.628+/-0.026 χ^2/NDF : 6170813.6/38

-31.709+/-0.027 χ^2/NDF : 5499374.5/37

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: 87.742 $\pm$ 0.617 χ^2 /NDF: 2720.8/24

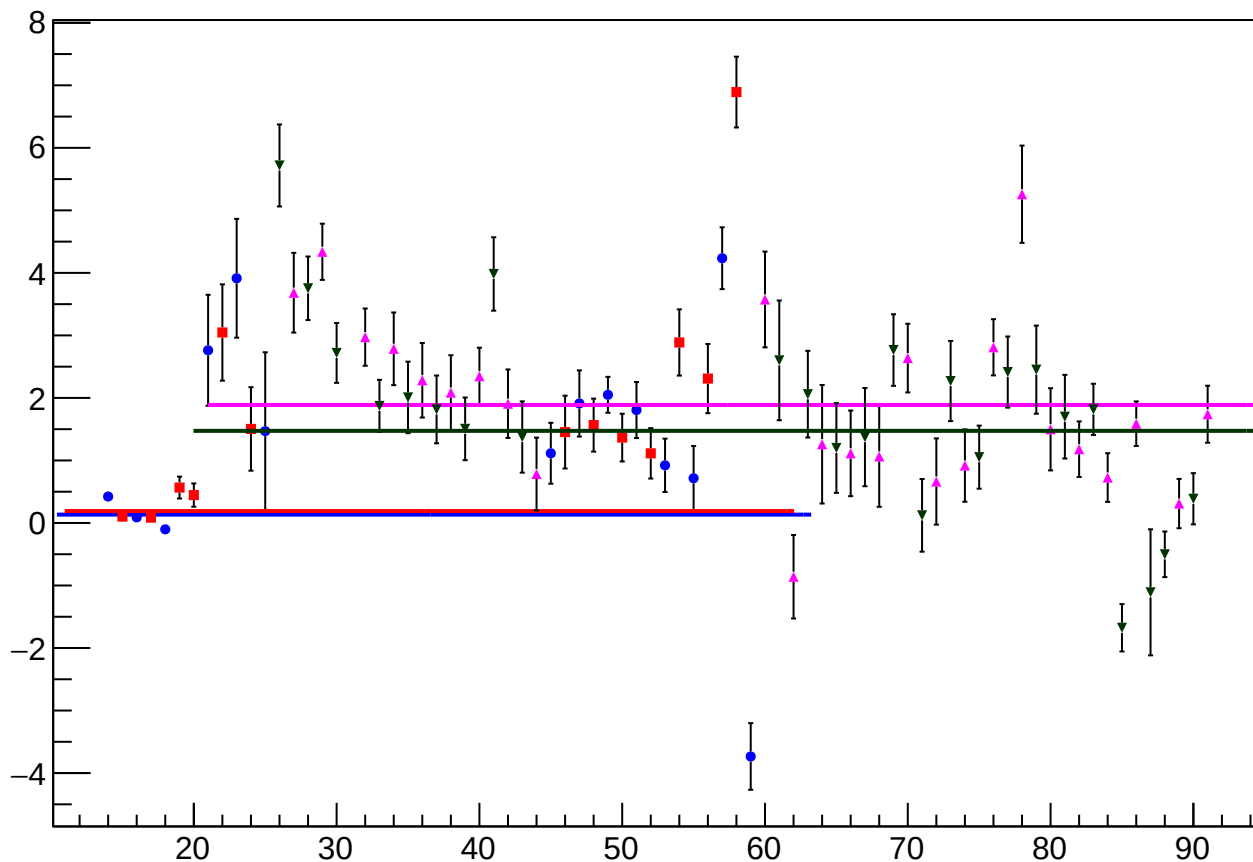
Right Out: 22.417 $\pm$ 0.177 χ^2 /NDF: 8087.9/12

Left In: 81.194 $\pm$ 0.580 χ^2 /NDF: 4095.3/24

26.008 $\pm$ 0.164 χ^2 /NDF: 24628.5/38

27.436 $\pm$ 0.169 χ^2 /NDF: 21583.5/37

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: 1.473 $\pm$ 0.107 χ^2 /NDF:221.8/24

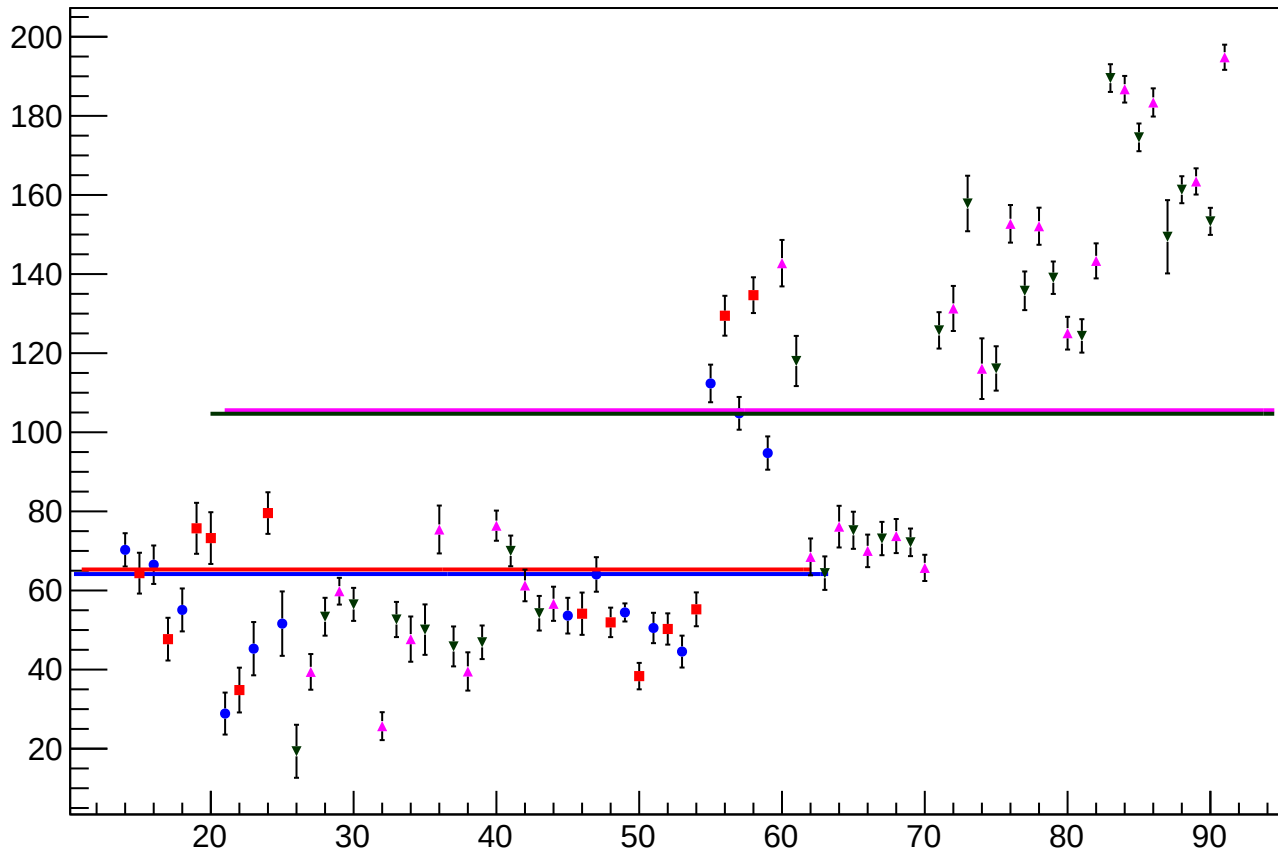
Right Out: 0.191 $\pm$ 0.031 χ^2 /NDF: 243.2/12

Left In: 1.887 $\pm$ 0.106 χ^2 /NDF:134.7/24

0.221 $\pm$ 0.027 χ^2 /NDF: 636.7/38

0.322 $\pm$ 0.030 χ^2 /NDF: 613.4/37

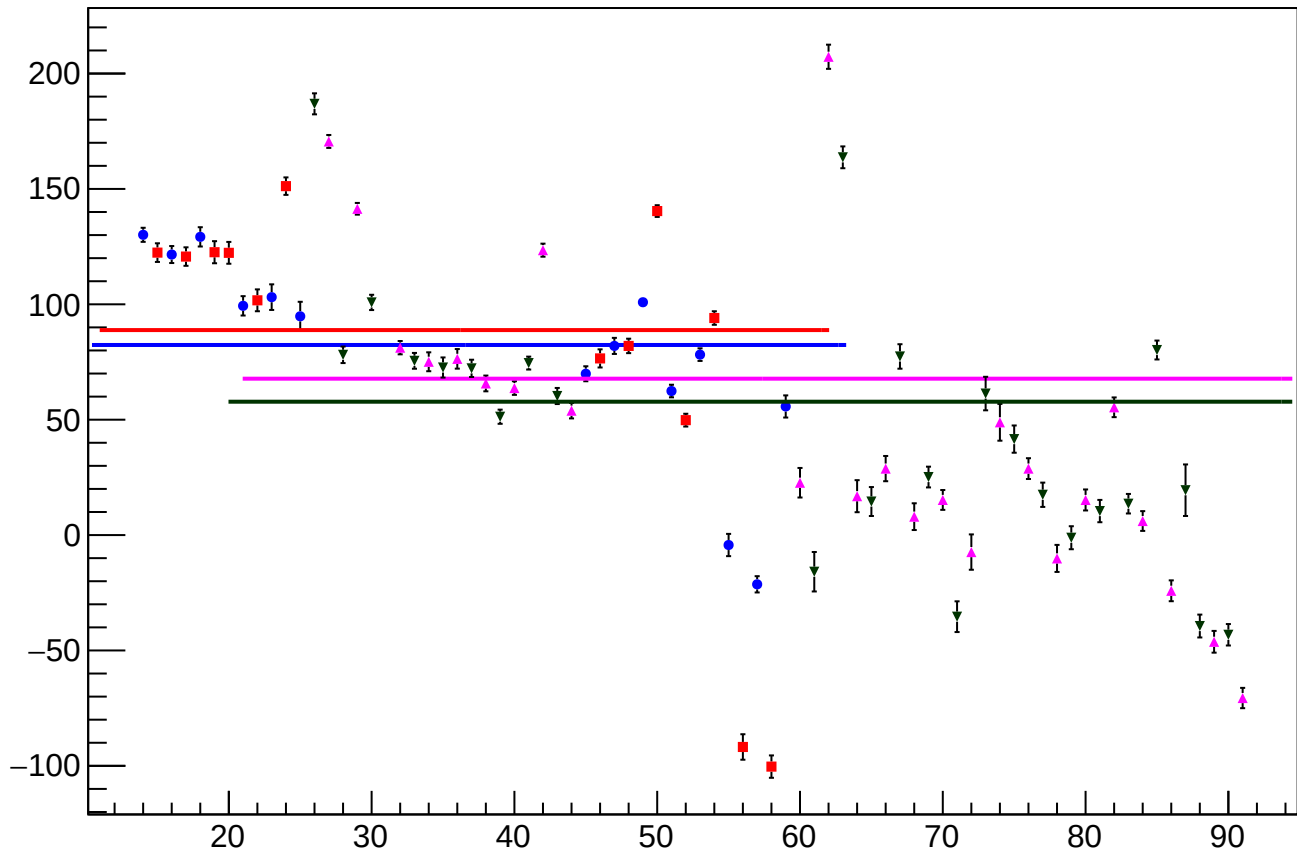
reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 64.151+/-1.128 χ^2/NDF : 371.1/13
 Left Out: 104.684+/-0.884 χ^2/NDF : 3131.4/24
 Right Out: 65.308+/-1.302 χ^2/NDF : 550.8/12
 Left In: 105.566+/-0.839 χ^2/NDF : 4403.5/24

89.248+/-0.696 χ^2/NDF : 4302.6/38
 93.755+/-0.705 χ^2/NDF : 5629.9/37

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 82.377+/-0.899 χ^2 /NDF: 1900.9/13

Left Out: 57.794+/-0.873 χ^2 /NDF:3294.0/24

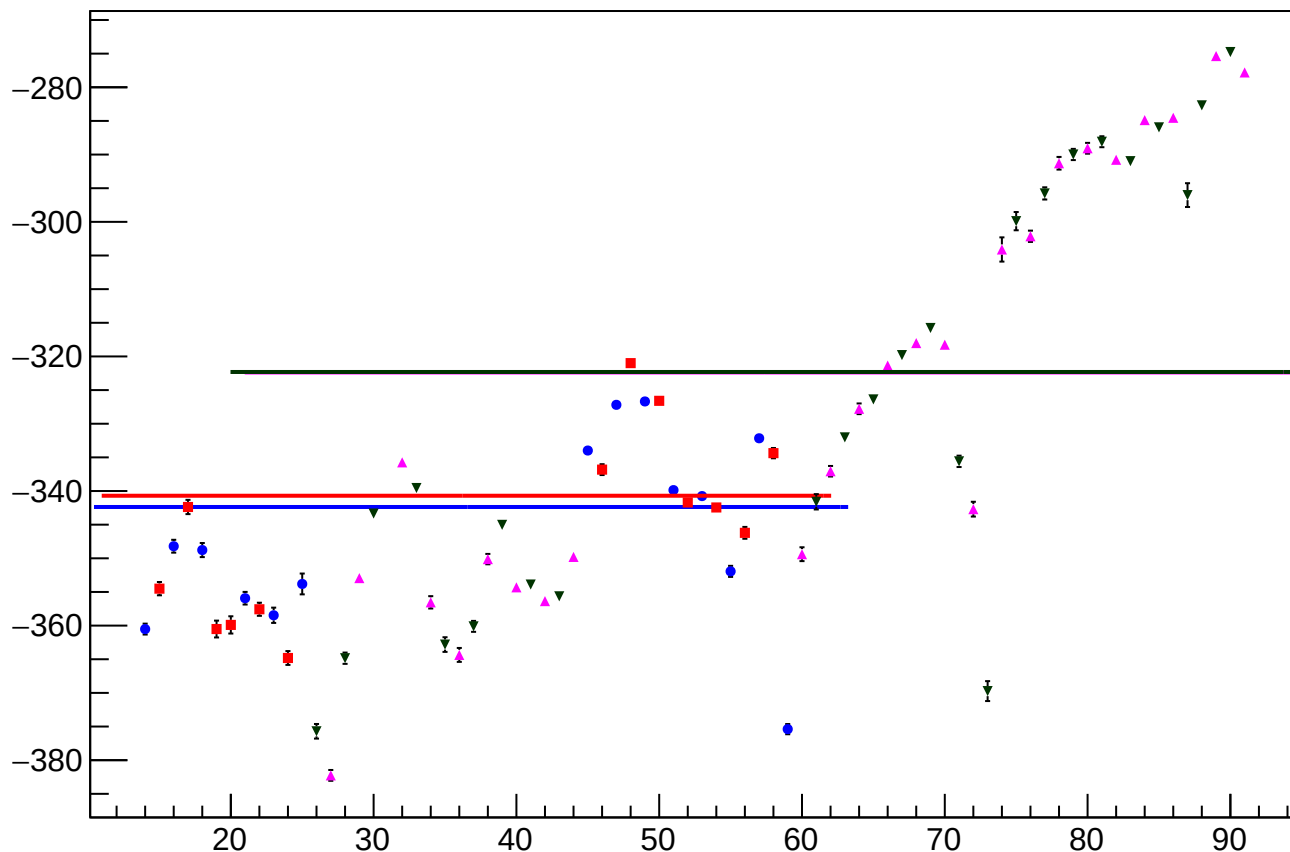
Right Out: 88.833+/-1.015 χ^2 /NDF: 3734.2/12

Left In: 67.773+/-0.805 χ^2 /NDF:6432.0/24

69.722+/-0.626 χ^2 /NDF: 5579.5/38

75.900+/-0.630 χ^2 /NDF: 10430.6/37

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -342.372+/-0.206 χ^2/NDF : 4963.2/13

Left Out: -322.310+/-0.159 χ^2/NDF : 36252.0/24

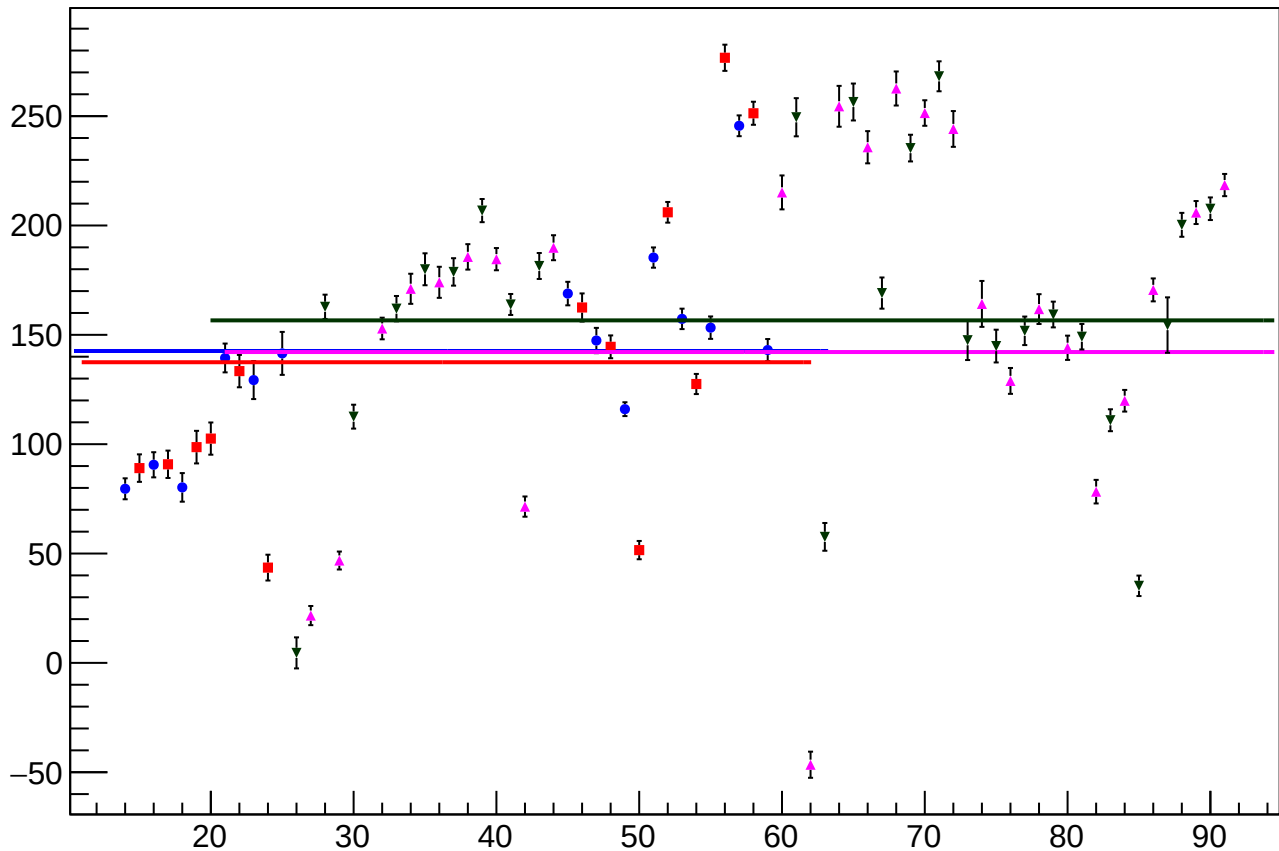
Right Out: -340.701+/-0.233 χ^2/NDF : 2981.0/12

Left In: -322.388+/-0.150 χ^2/NDF : 42311.6/24

-329.756+/-0.126 χ^2/NDF : 47157.8/38

-327.779+/-0.126 χ^2/NDF : 49659.1/37

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 142.611±/-1.383 χ^2/NDF : 1012.1/13

Left Out: 156.613±/-1.230 χ^2/NDF :2513.6/24

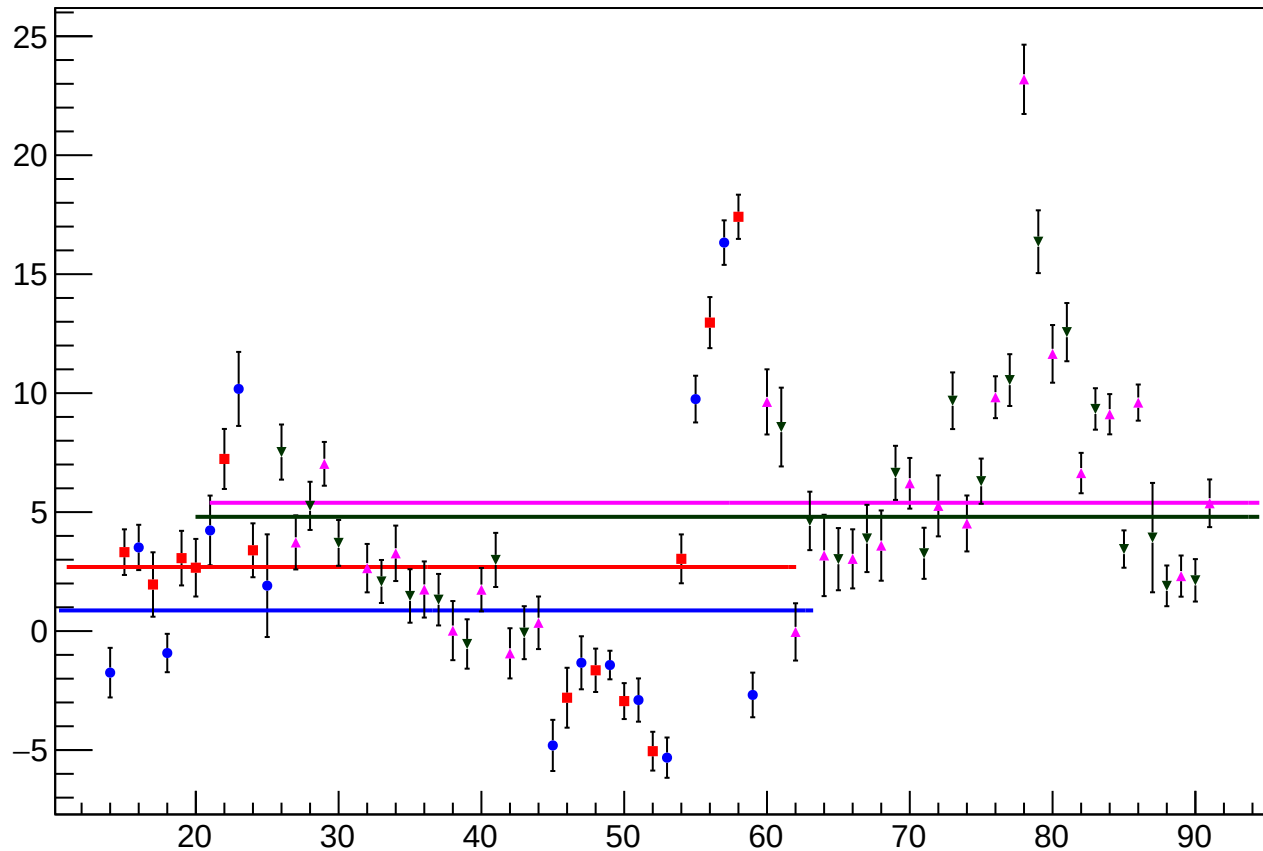
Right Out: 137.473±/-1.566 χ^2/NDF : 2077.9/12

Left In: 142.137±/-1.153 χ^2/NDF :4486.0/24

150.434±/-0.919 χ^2/NDF : 3582.9/38

140.497±/-0.928 χ^2/NDF : 6569.6/37

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.868 ± 0.258 χ^2/NDF : 546.3/13

Left Out: 4.802 ± 0.215 χ^2/NDF : 310.3/24

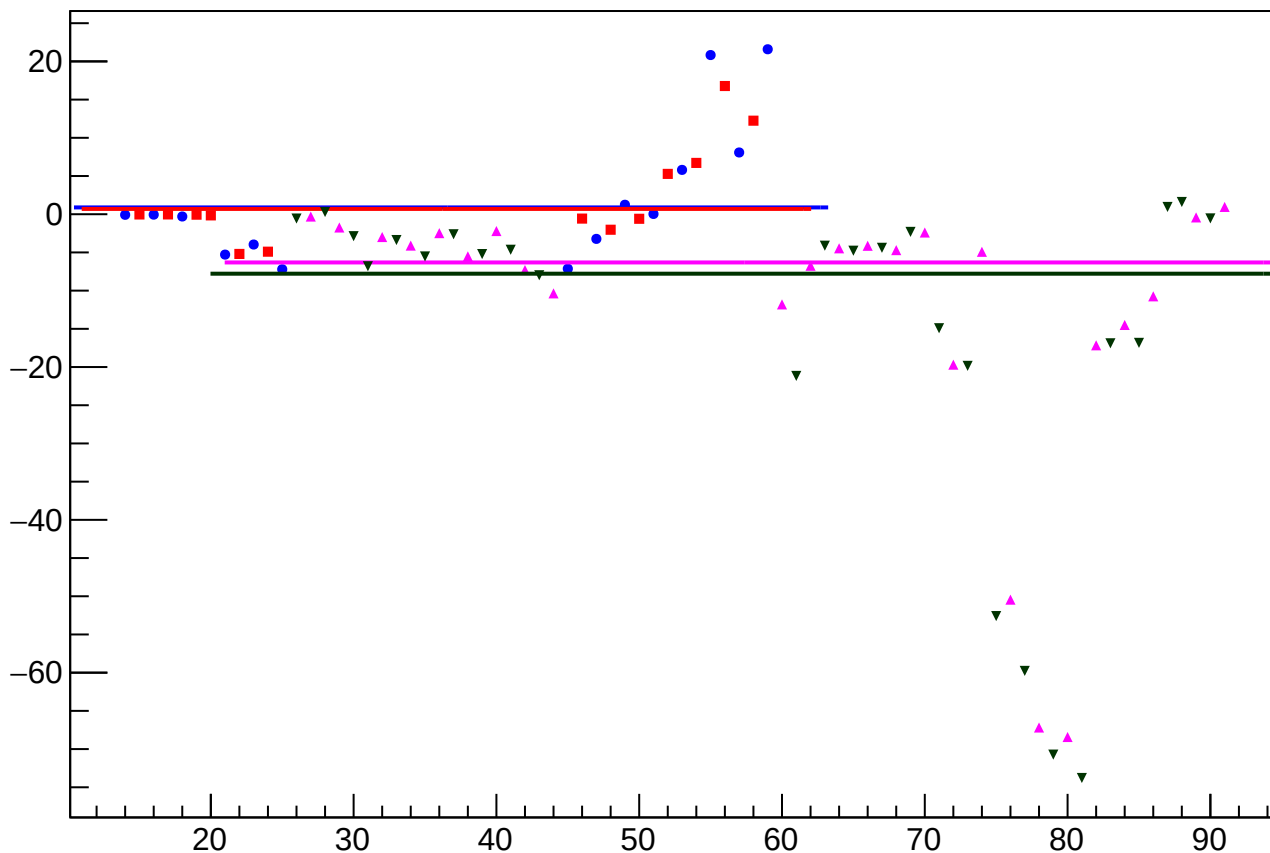
Right Out: 2.693 ± 0.282 χ^2/NDF : 544.4/12

Left In: 5.392 ± 0.213 χ^2/NDF : 421.3/24

3.188 ± 0.165 χ^2/NDF : 993.7/38

4.415 ± 0.170 χ^2/NDF : 1024.0/37

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 0.889 ± 0.038 χ^2/NDF : 19014.6/13

Left Out: -7.784 ± 0.038 χ^2/NDF : 127878.6/25

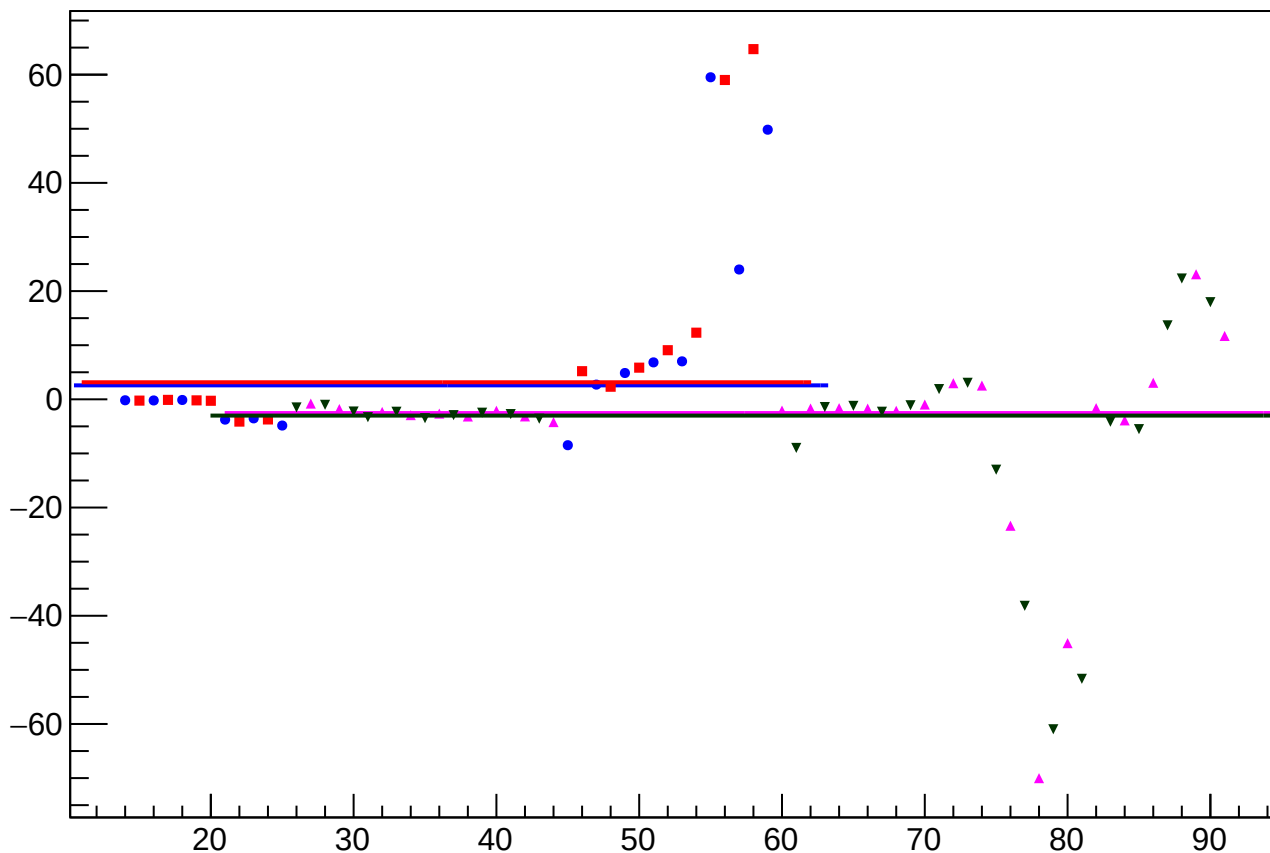
Right Out: 0.694 ± 0.042 χ^2/NDF : 8688.2/12

Left In: -6.313 ± 0.034 χ^2/NDF : 100135.8/24

-3.481 ± 0.027 χ^2/NDF : 173157.1/39

-3.530 ± 0.026 χ^2/NDF : 125666.0/37

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 2.580+/-0.029 χ^2/NDF : 96175.3/13

Left Out: -3.006+/-0.033 χ^2/NDF : 51737.4/25

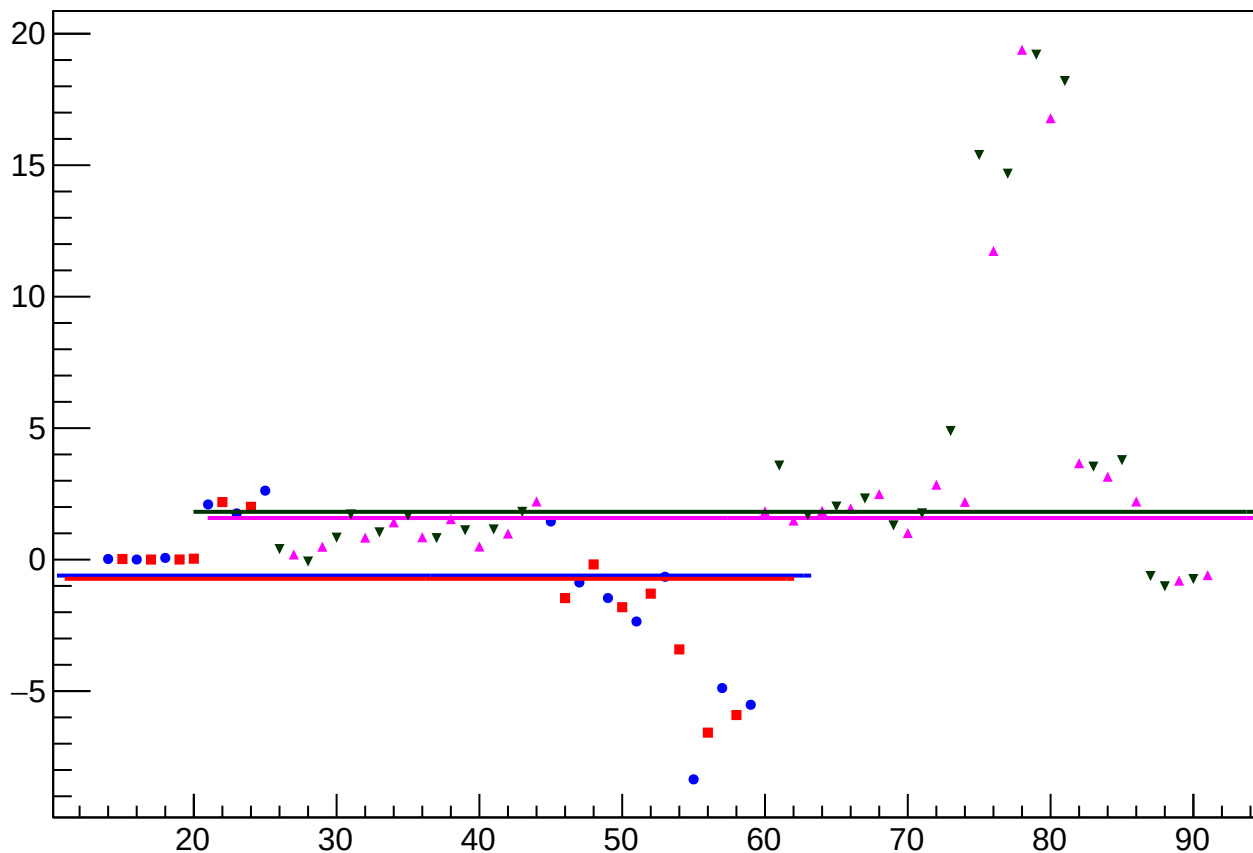
Right Out: 3.153+/-0.032 χ^2/NDF : 105034.3/12

Left In: -2.539+/-0.029 χ^2/NDF : 44690.8/24

0.108+/-0.022 χ^2/NDF : 164128.2/39

0.010+/-0.021 χ^2/NDF : 167163.1/37

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.607 ± 0.007 χ^2/NDF : 68086.2/13

Left Out: 1.818 ± 0.006 χ^2/NDF : 210760.7/25

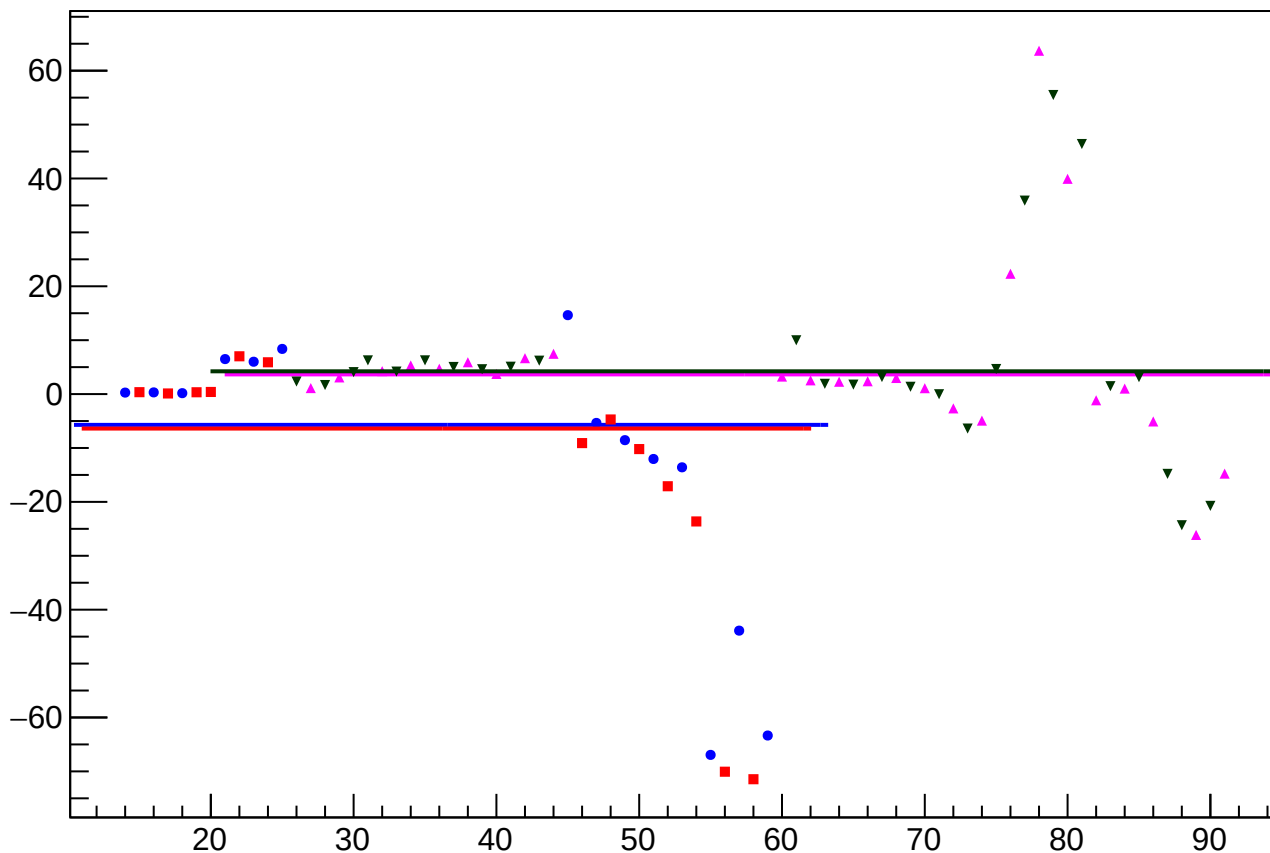
Right Out: -0.729 ± 0.008 χ^2/NDF : 52170.9/12

Left In: 1.582 ± 0.006 χ^2/NDF : 170931.7/24

0.752 ± 0.005 χ^2/NDF : 343181.8/39

0.753 ± 0.005 χ^2/NDF : 279392.9/37

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.712+/-0.046 χ^2/NDF : 122365.2/13

Left Out: 4.224+/-0.050 χ^2/NDF :32401.7/25

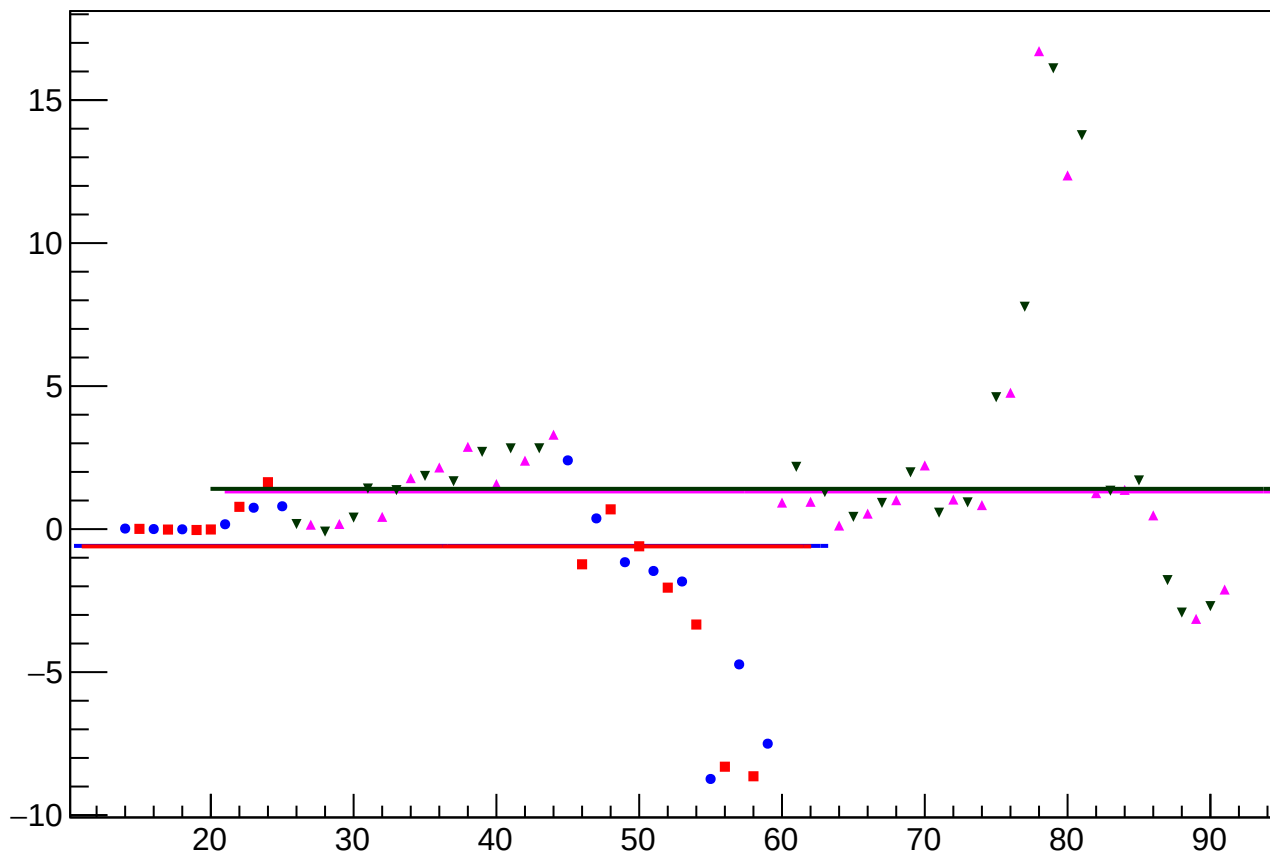
Right Out: -6.397+/-0.050 χ^2/NDF : 112551.5/12

Left In: 3.652+/-0.045 χ^2/NDF :28440.9/24

-1.200+/-0.034 χ^2/NDF : 176099.3/39

-0.807+/-0.033 χ^2/NDF : 163490.8/37

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.586 ± 0.008 χ^2/NDF : 52197.9/13

Left Out: 1.408 ± 0.009 χ^2/NDF : 57267.8/25

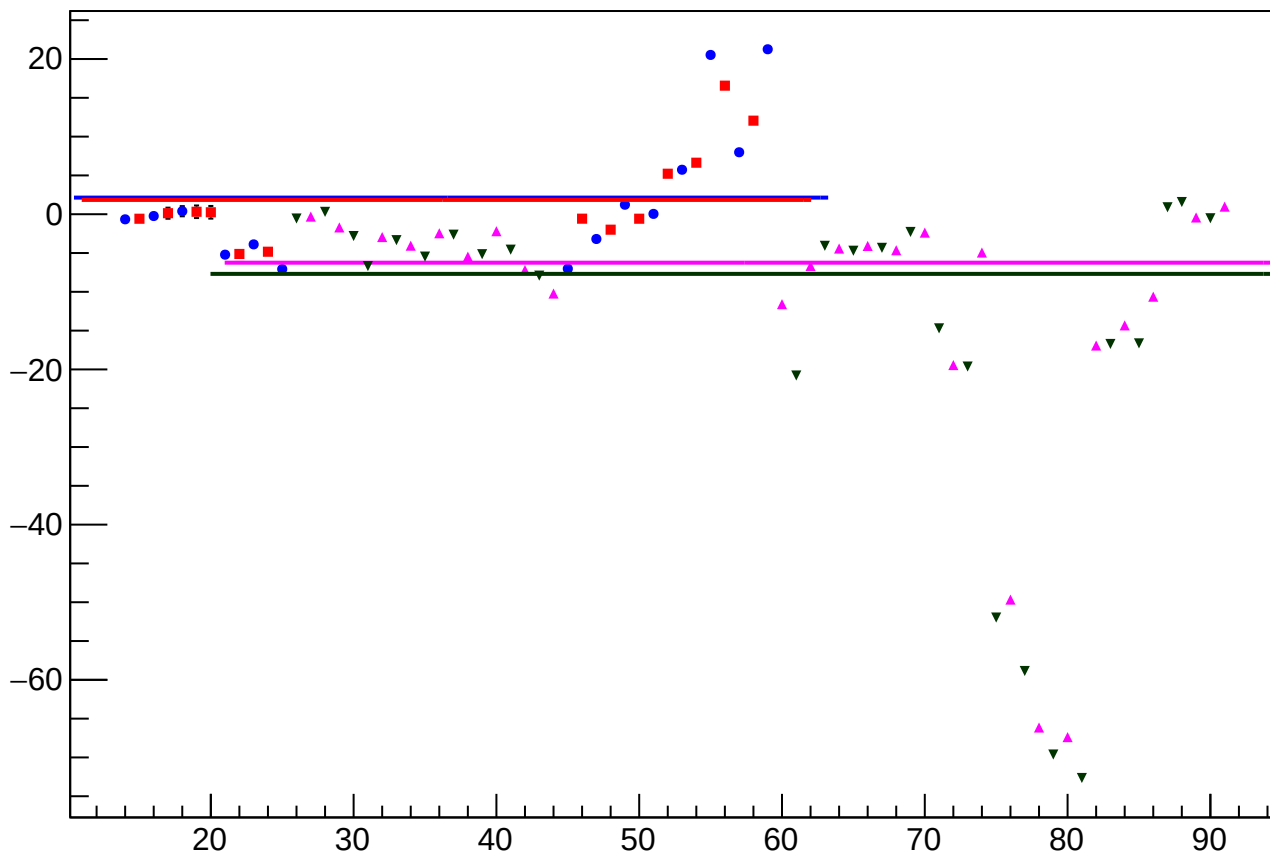
Right Out: -0.604 ± 0.009 χ^2/NDF : 53948.5/12

Left In: 1.317 ± 0.009 χ^2/NDF : 47067.0/24

0.311 ± 0.006 χ^2/NDF : 137896.7/39

0.361 ± 0.006 χ^2/NDF : 125896.7/37

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 2.141 $\pm$ 0.056 χ^2 /NDF: 18147.5/13

Left Out: -7.688 $\pm$ 0.037 χ^2 /NDF: 128006.0/25

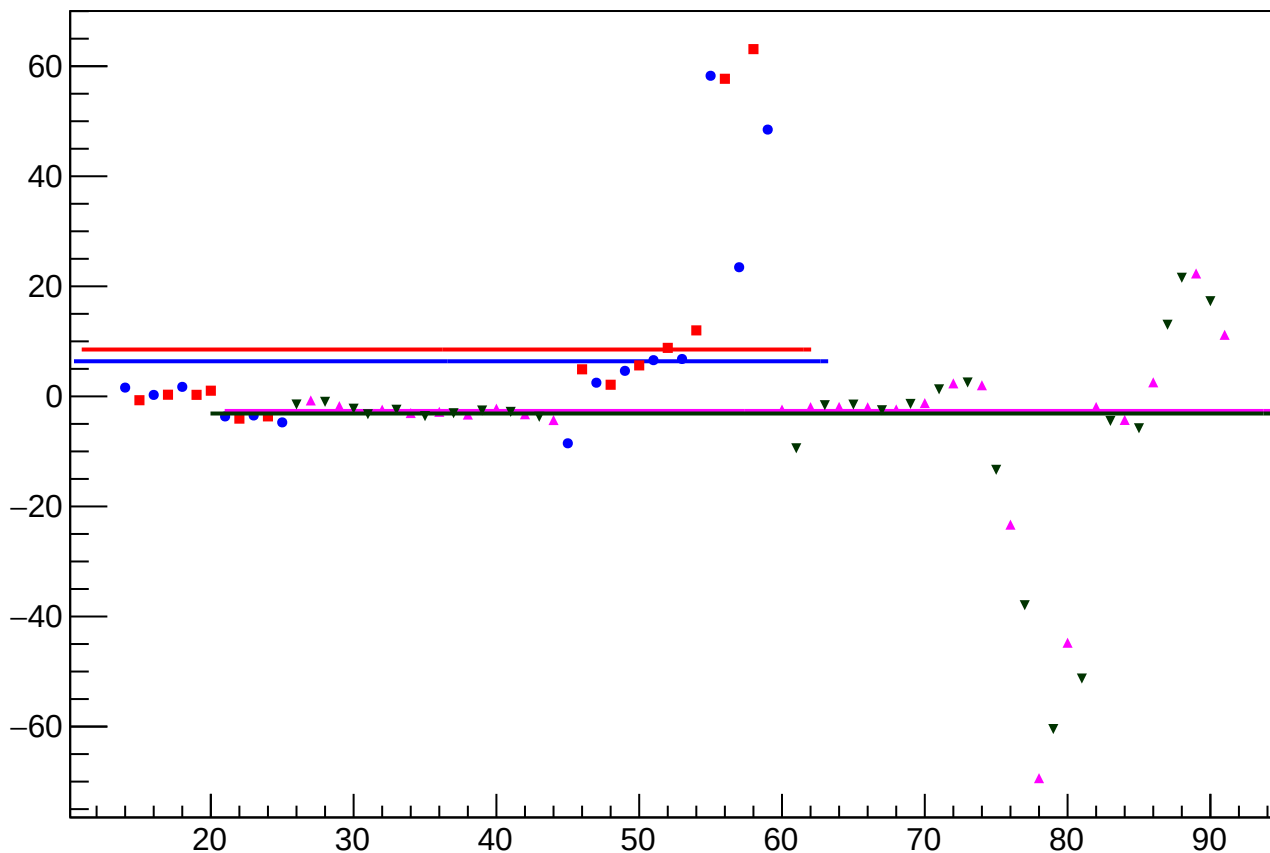
Right Out: 1.841 $\pm$ 0.066 χ^2 /NDF: 8211.7/12

Left In: -6.244 $\pm$ 0.034 χ^2 /NDF: 100140.4/24

-4.697 $\pm$ 0.031 χ^2 /NDF: 167437.6/39

-4.578 $\pm$ 0.030 χ^2 /NDF: 120306.3/37

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 6.381+/-0.045 χ^2/NDF : 81950.5/13

Left Out: -3.112+/-0.032 χ^2/NDF : 52161.1/25

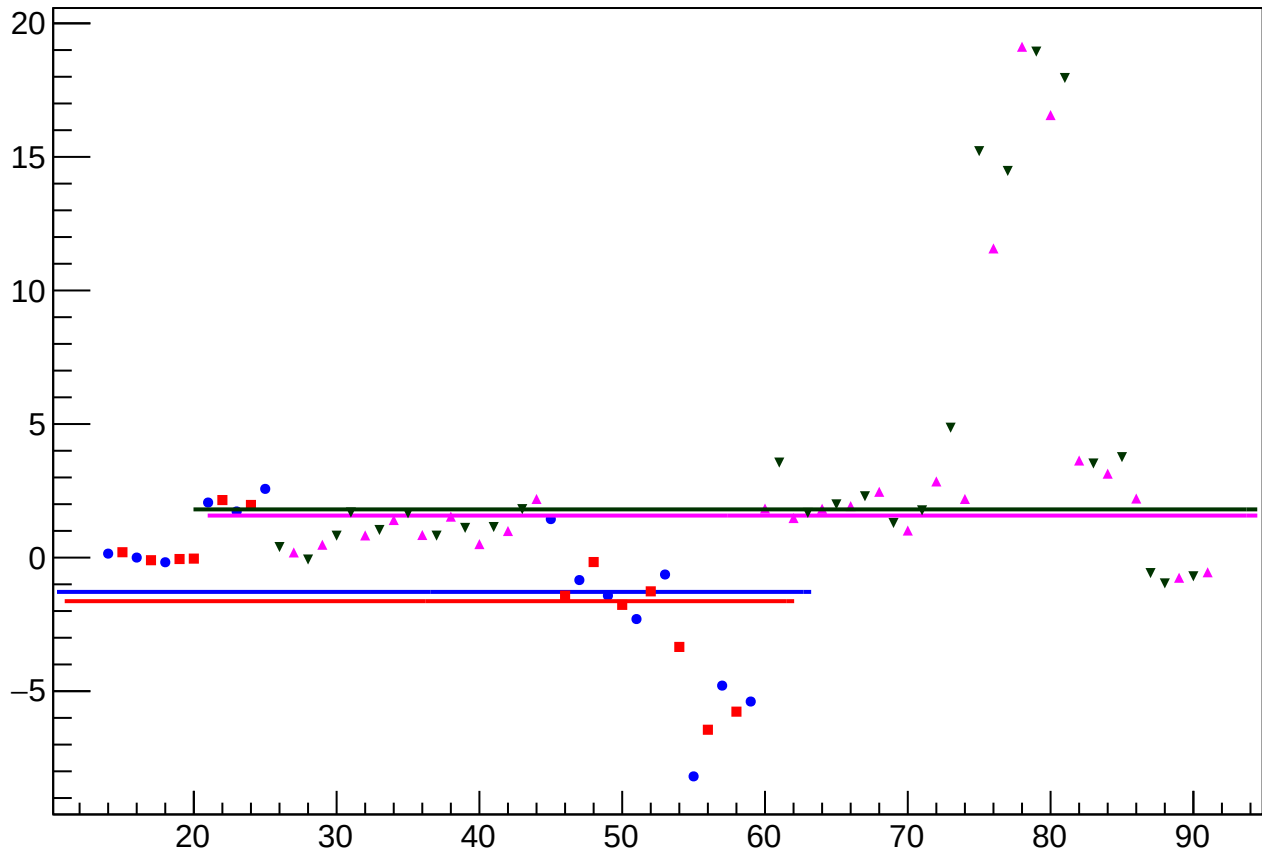
Right Out: 8.517+/-0.052 χ^2/NDF : 85449.7/12

Left In: -2.647+/-0.028 χ^2/NDF : 45029.8/24

0.115+/-0.026 χ^2/NDF : 163465.9/39

-0.046+/-0.025 χ^2/NDF : 166308.5/37

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.284 ± 0.010 χ^2/NDF : 58680.9/13

Left Out: 1.805 ± 0.006 χ^2/NDF : 211545.5/25

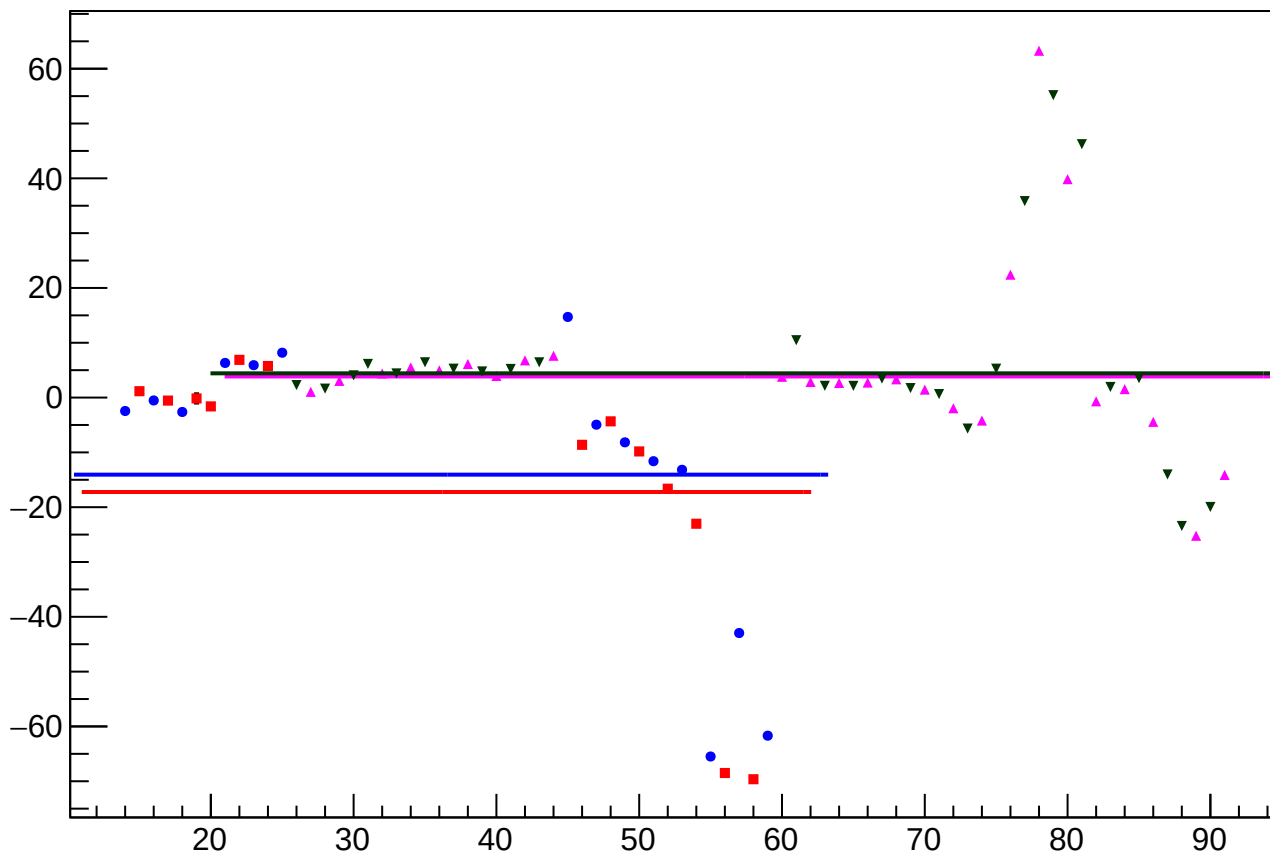
Right Out: -1.631 ± 0.012 χ^2/NDF : 40211.8/12

Left In: 1.574 ± 0.006 χ^2/NDF : 171457.9/24

0.968 ± 0.005 χ^2/NDF : 336384.9/39

0.938 ± 0.005 χ^2/NDF : 273146.9/37

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -14.062 ± 0.071 χ^2/NDF : 96028.9/13

Left Out: 4.424 ± 0.050 χ^2/NDF : 32543.1/25

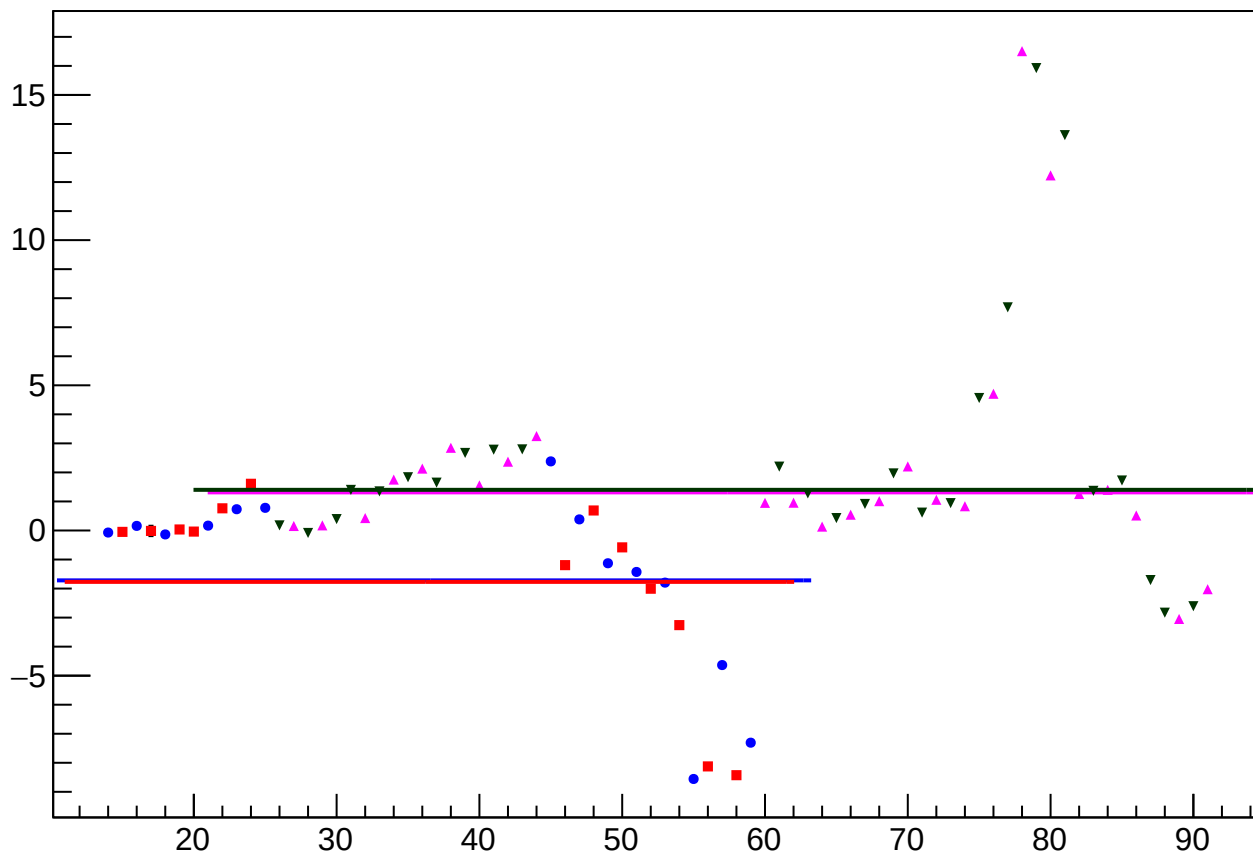
Right Out: -17.226 ± 0.081 χ^2/NDF : 81038.7/12

Left In: 3.849 ± 0.044 χ^2/NDF : 28560.2/24

-1.648 ± 0.041 χ^2/NDF : 174242.4/39

-0.978 ± 0.039 χ^2/NDF : 162049.5/37

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.718 $\pm$ 0.014 χ^2 /NDF: 40679.7/13

Left Out: 1.400 $\pm$ 0.009 χ^2 /NDF:57474.6/25

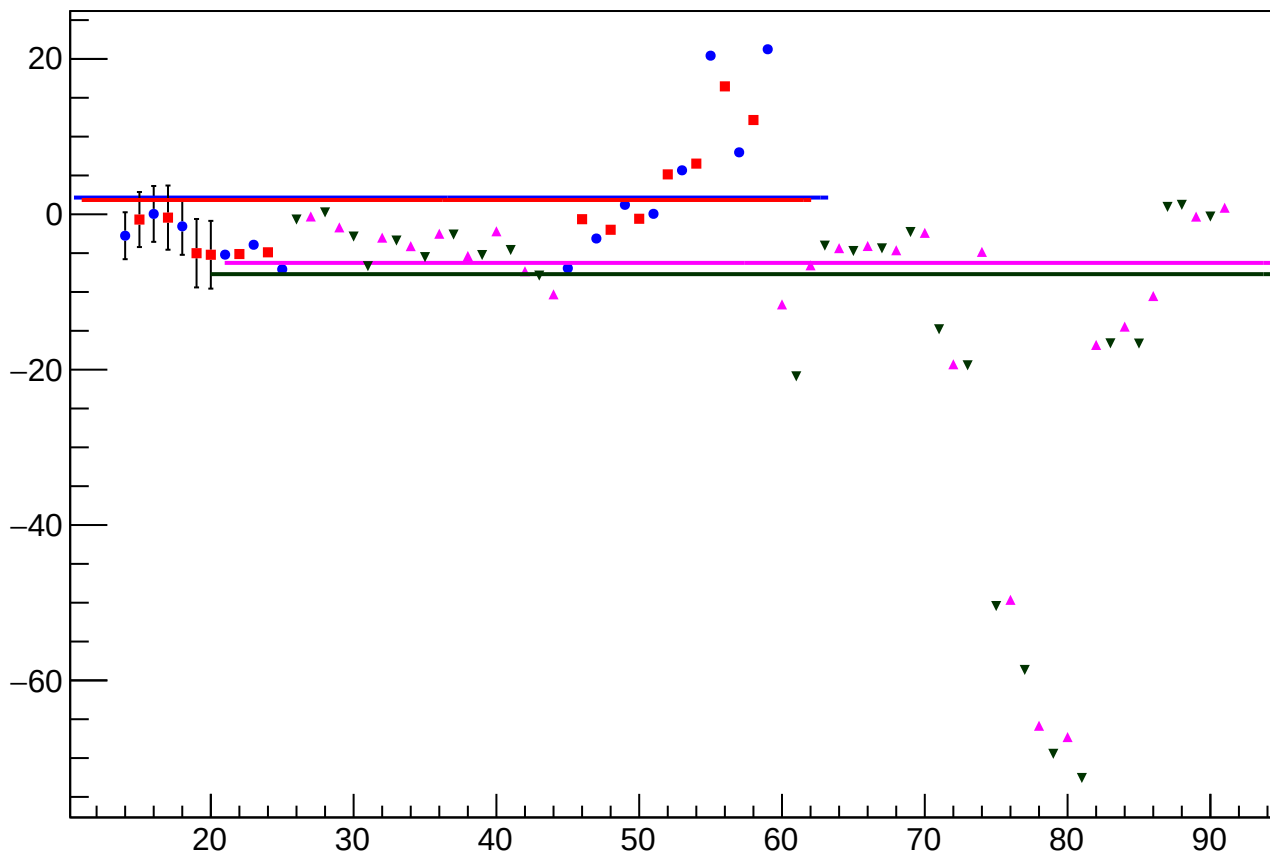
Right Out: -1.770 $\pm$ 0.015 χ^2 /NDF: 43693.9/12

Left In: 1.313 $\pm$ 0.008 χ^2 /NDF:47142.3/24

0.494 $\pm$ 0.007 χ^2 /NDF: 135912.9/39

0.552 $\pm$ 0.007 χ^2 /NDF: 123462.6/37

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 2.154 ± 0.056 χ^2/NDF : 18045.0/13

Left Out: -7.704 ± 0.037 χ^2/NDF : 129984.8/25

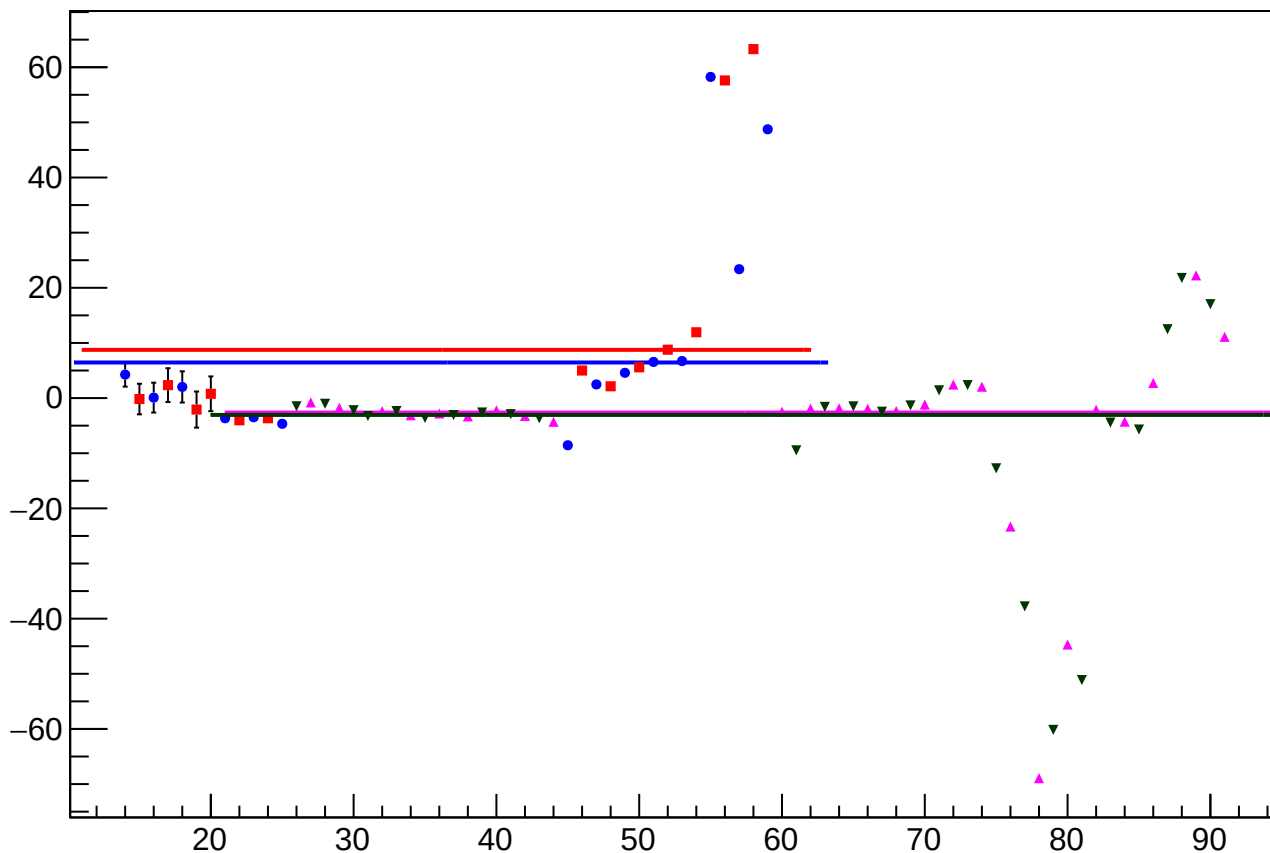
Right Out: 1.844 ± 0.066 χ^2/NDF : 8210.7/12

Left In: -6.255 ± 0.033 χ^2/NDF : 102880.8/24

-4.788 ± 0.031 χ^2/NDF : 169472.2/39

-4.653 ± 0.030 χ^2/NDF : 123004.0/37

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 6.454 ± 0.045 χ^2/NDF : 82131.8/13

Left Out: -3.053 ± 0.032 χ^2/NDF : 53505.5/25

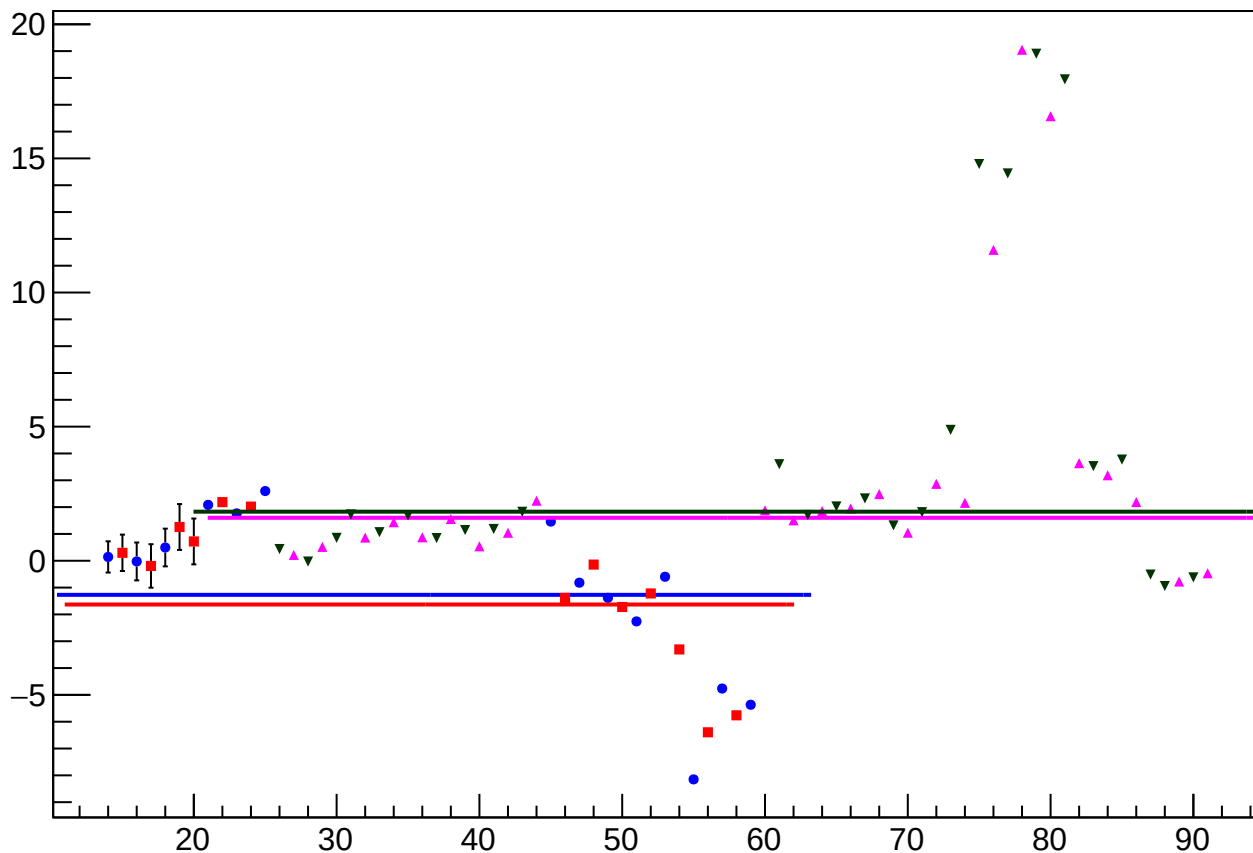
Right Out: 8.747 ± 0.052 χ^2/NDF : 84772.8/12

Left In: -2.621 ± 0.028 χ^2/NDF : 46572.1/24

0.100 ± 0.026 χ^2/NDF : 165024.5/39

-0.071 ± 0.025 χ^2/NDF : 168202.4/37

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.271 ± 0.010 χ^2/NDF : 58640.5/13

Left Out: 1.830 ± 0.006 χ^2/NDF : 214802.2/25

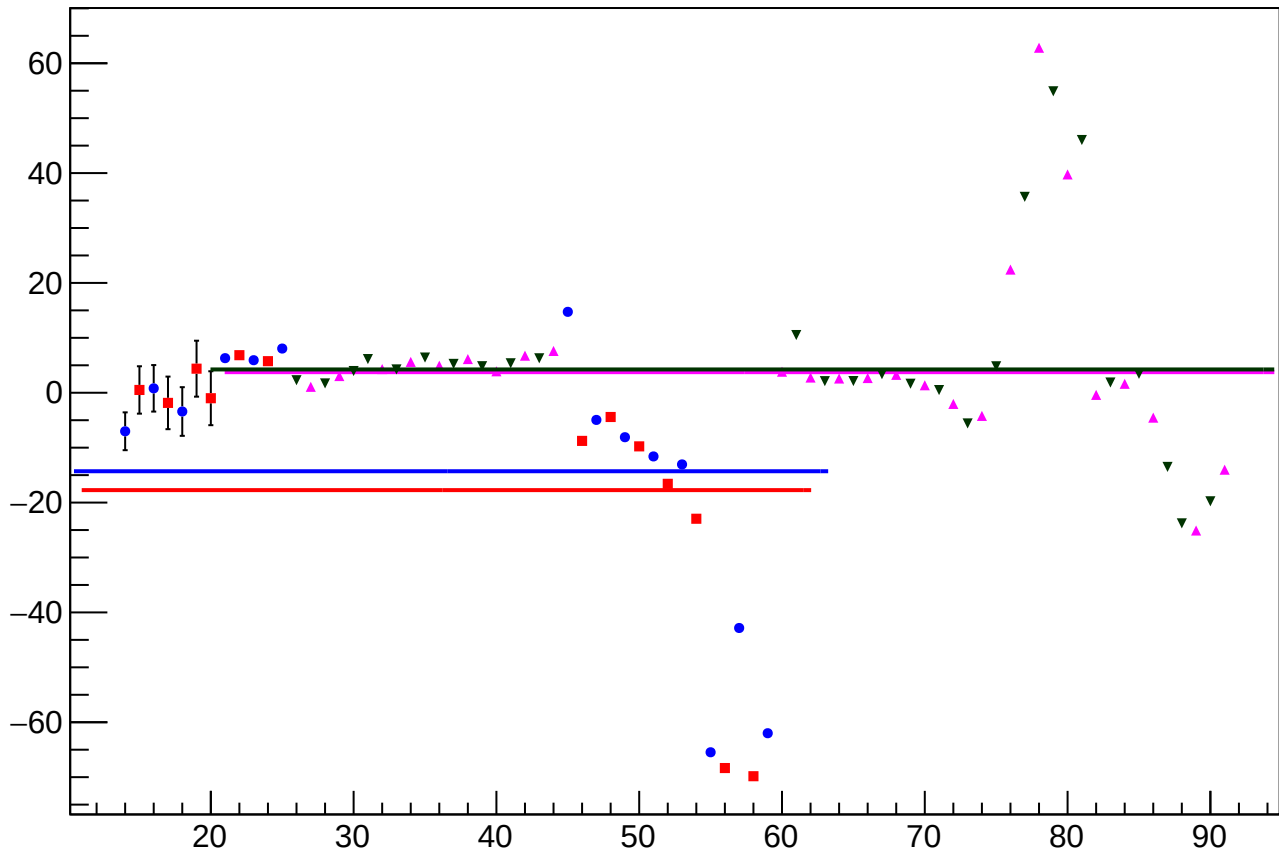
Right Out: -1.631 ± 0.012 χ^2/NDF : 39913.4/12

Left In: 1.602 ± 0.006 χ^2/NDF : 175693.8/24

1.011 ± 0.005 χ^2/NDF : 340190.8/39

0.983 ± 0.005 χ^2/NDF : 278019.4/37

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: 4.243 ± 0.049 $\chi^2/\text{NDF}: 34007.2/25$

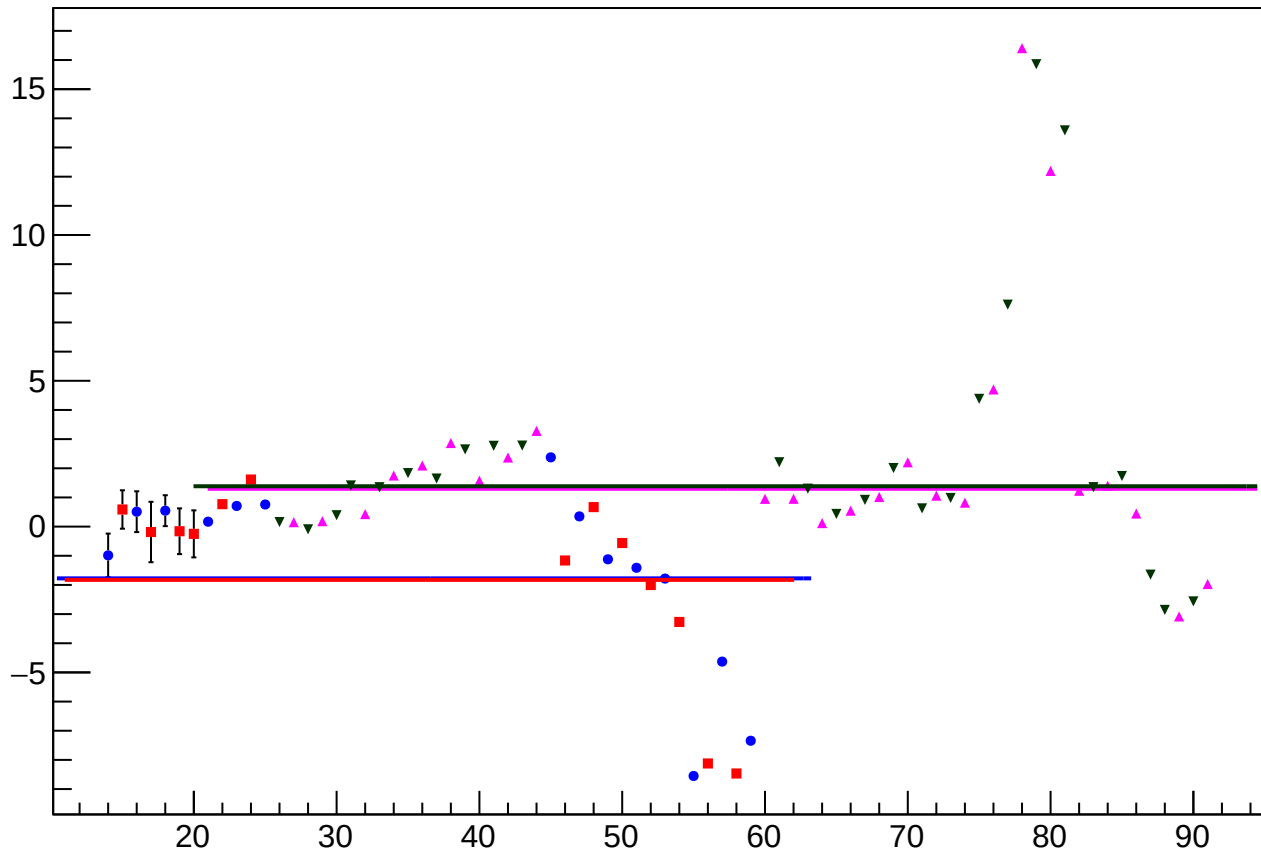
-1.670 ± 0.040 $\chi^2/\text{NDF}: 175700.2/39$

Right Out: -17.731 ± 0.082 $\chi^2/\text{NDF}: 79679.2/12$

-0.971 ± 0.038 $\chi^2/\text{NDF}: 163576.8/37$

Left In: 3.748 ± 0.043 $\chi^2/\text{NDF}: 29908.4/24$

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: 1.384 ± 0.009 $\chi^2/\text{NDF}: 58888.1/25$

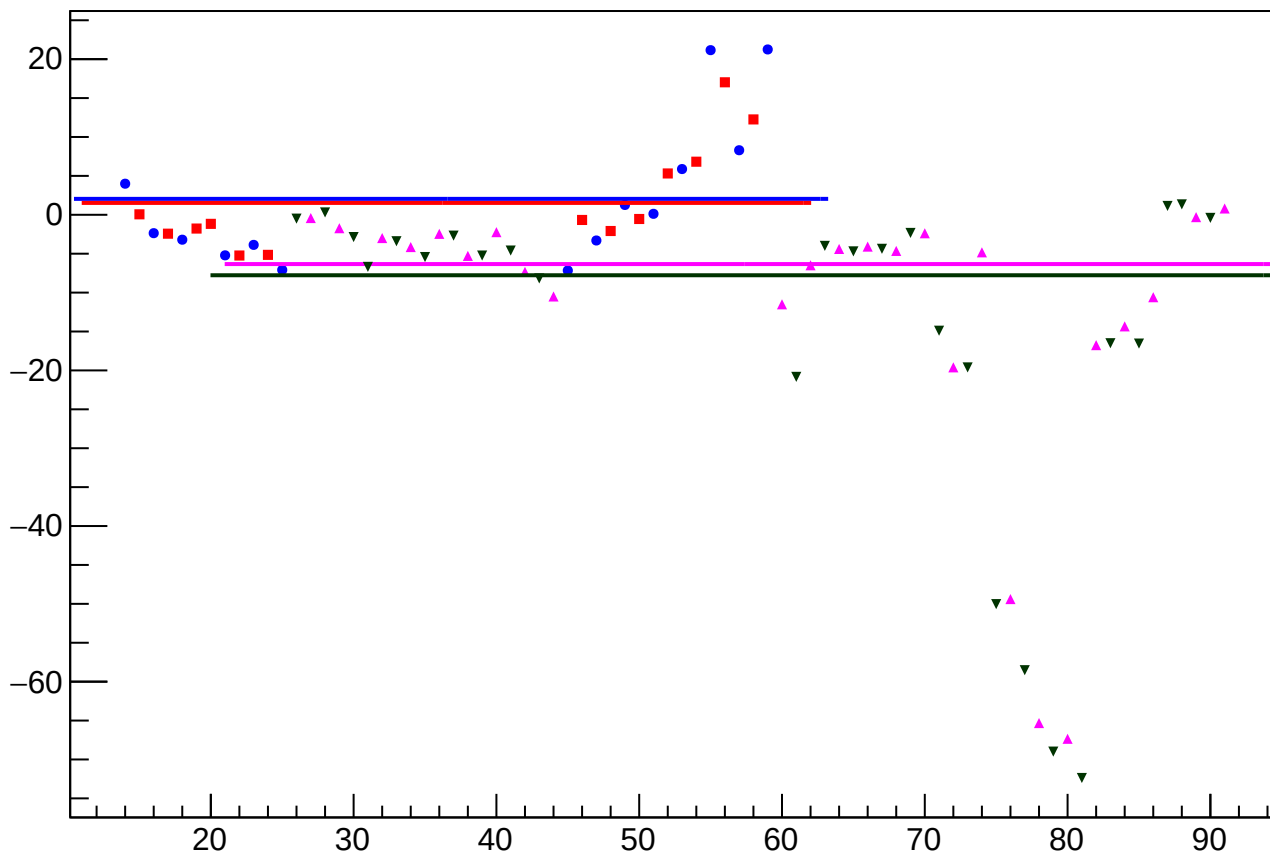
Right Out: -1.826 ± 0.015 $\chi^2/\text{NDF}: 43493.6/12$

Left In: 1.297 ± 0.008 $\chi^2/\text{NDF}: 48805.9/24$

0.502 ± 0.007 $\chi^2/\text{NDF}: 137438.2/39$

0.562 ± 0.007 $\chi^2/\text{NDF}: 125361.1/37$

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 2.047+/-0.055 χ^2/NDF : 18482.2/13

Left Out: -7.771+/-0.037 χ^2/NDF : 129911.3/25

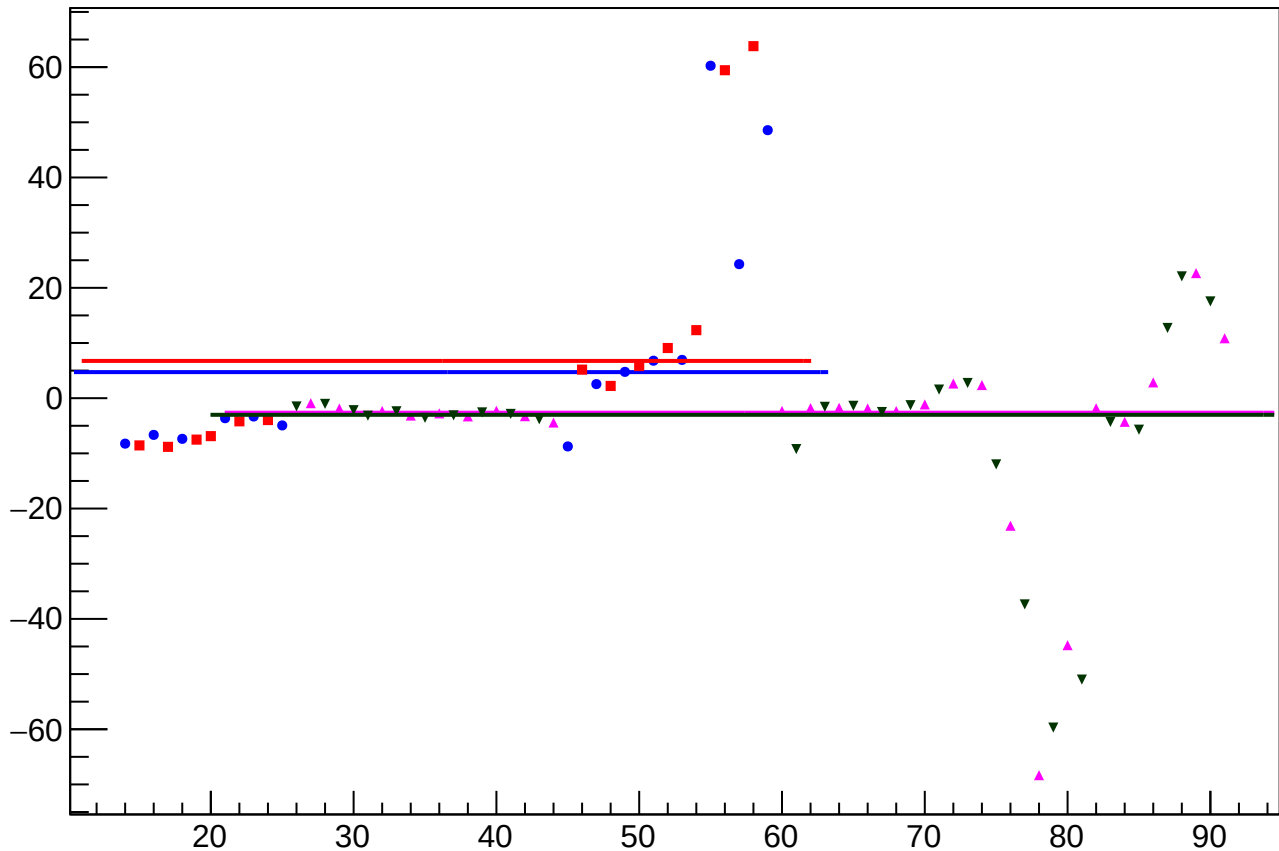
Right Out: 1.526+/-0.064 χ^2/NDF : 8501.8/12

Left In: -6.333+/-0.033 χ^2/NDF : 103189.8/24

-4.711+/-0.031 χ^2/NDF : 170579.1/39

-4.683+/-0.029 χ^2/NDF : 123509.3/37

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 4.725 ± 0.043 χ^2/NDF : 94009.6/13

Left Out: -3.011 ± 0.032 χ^2/NDF : 54104.6/25

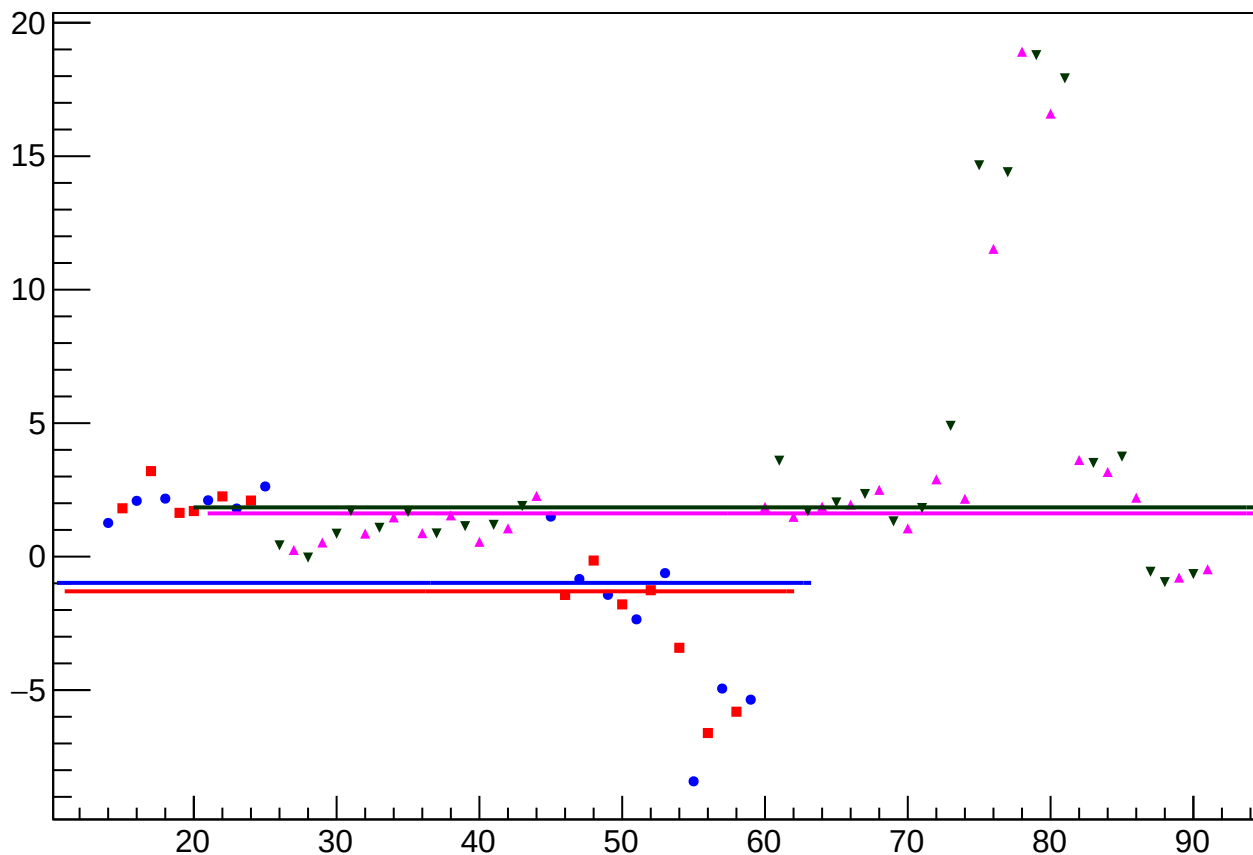
Right Out: 6.754 ± 0.050 χ^2/NDF : 97543.5/12

Left In: -2.627 ± 0.028 χ^2/NDF : 47271.6/24

-0.274 ± 0.026 χ^2/NDF : 168552.8/39

-0.362 ± 0.025 χ^2/NDF : 171393.0/37

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.983 ± 0.010 χ^2/NDF : 67088.7/13

Left Out: 1.845 ± 0.006 χ^2/NDF : 214853.4/25

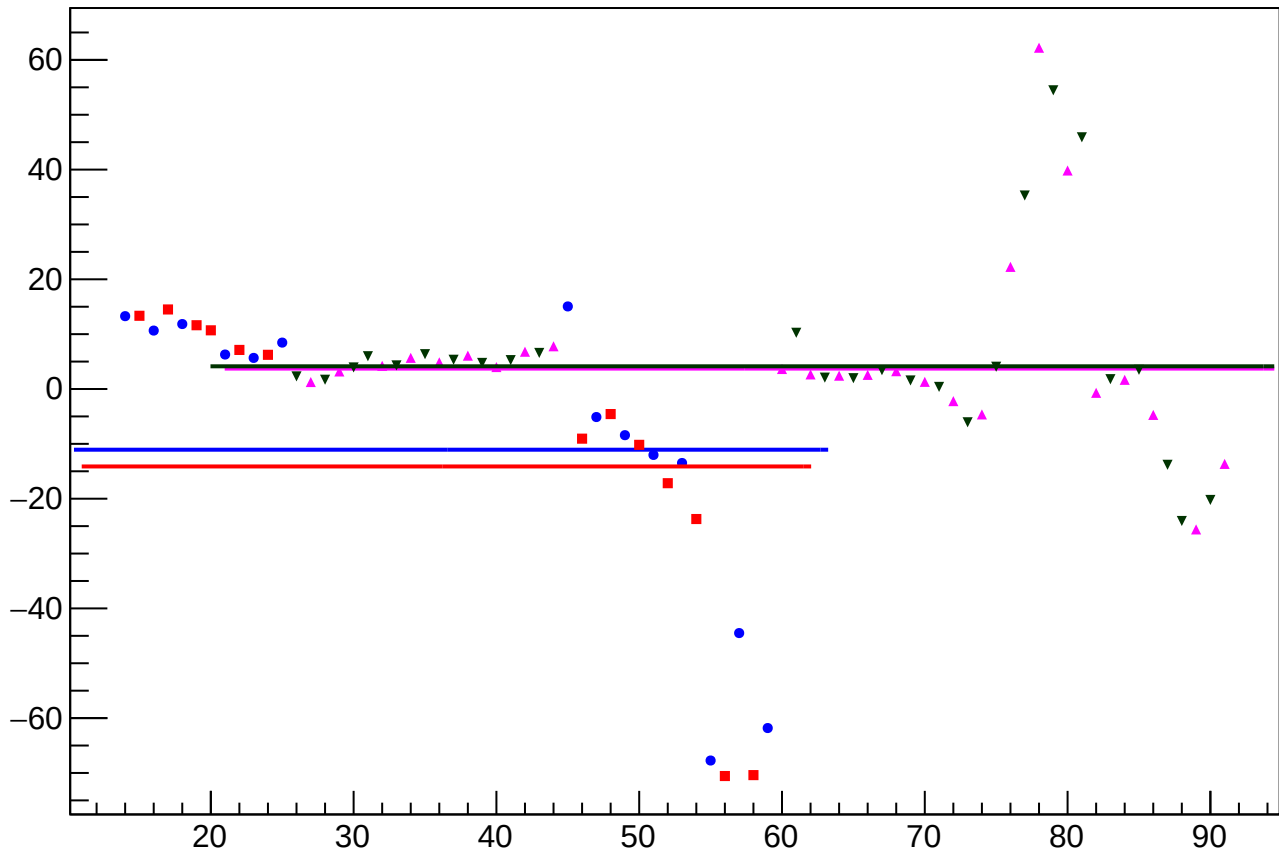
Right Out: -1.300 ± 0.011 χ^2/NDF : 50126.2/12

Left In: 1.619 ± 0.006 χ^2/NDF : 176388.5/24

1.062 ± 0.005 χ^2/NDF : 339448.0/39

1.036 ± 0.005 χ^2/NDF : 279146.7/37

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -11.067 ± 0.068 $\chi^2/\text{NDF}: 113132.7/13$

Left Out: 4.138 ± 0.049 $\chi^2/\text{NDF}: 34882.5/25$

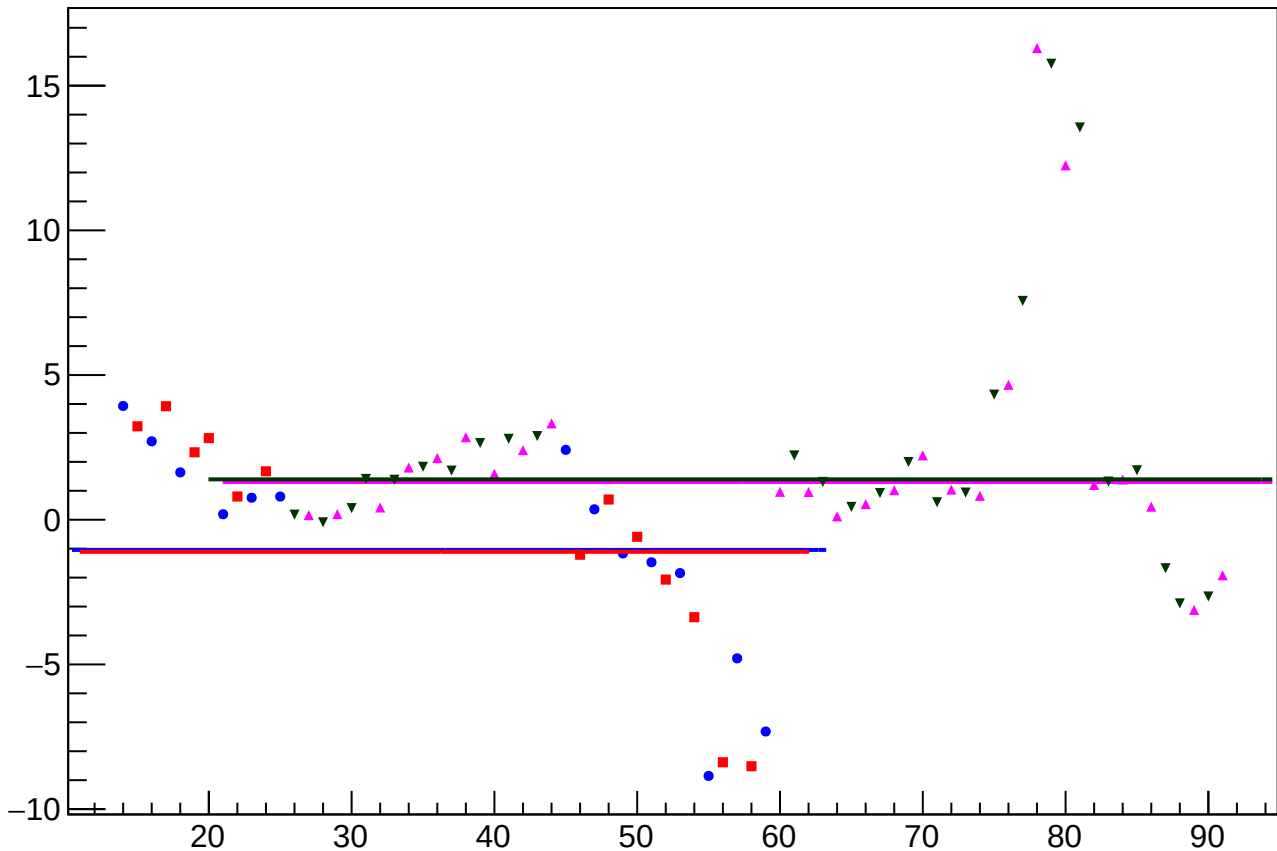
Right Out: -14.121 ± 0.078 $\chi^2/\text{NDF}: 97243.3/12$

Left In: 3.720 ± 0.044 $\chi^2/\text{NDF}: 30690.8/24$

-1.046 ± 0.040 $\chi^2/\text{NDF}: 180558.1/39$

-0.501 ± 0.038 $\chi^2/\text{NDF}: 167513.0/37$

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -1.043+/-0.013 χ^2/NDF : 58227.7/13

Left Out: 1.395+/-0.009 χ^2/NDF : 59437.1/25

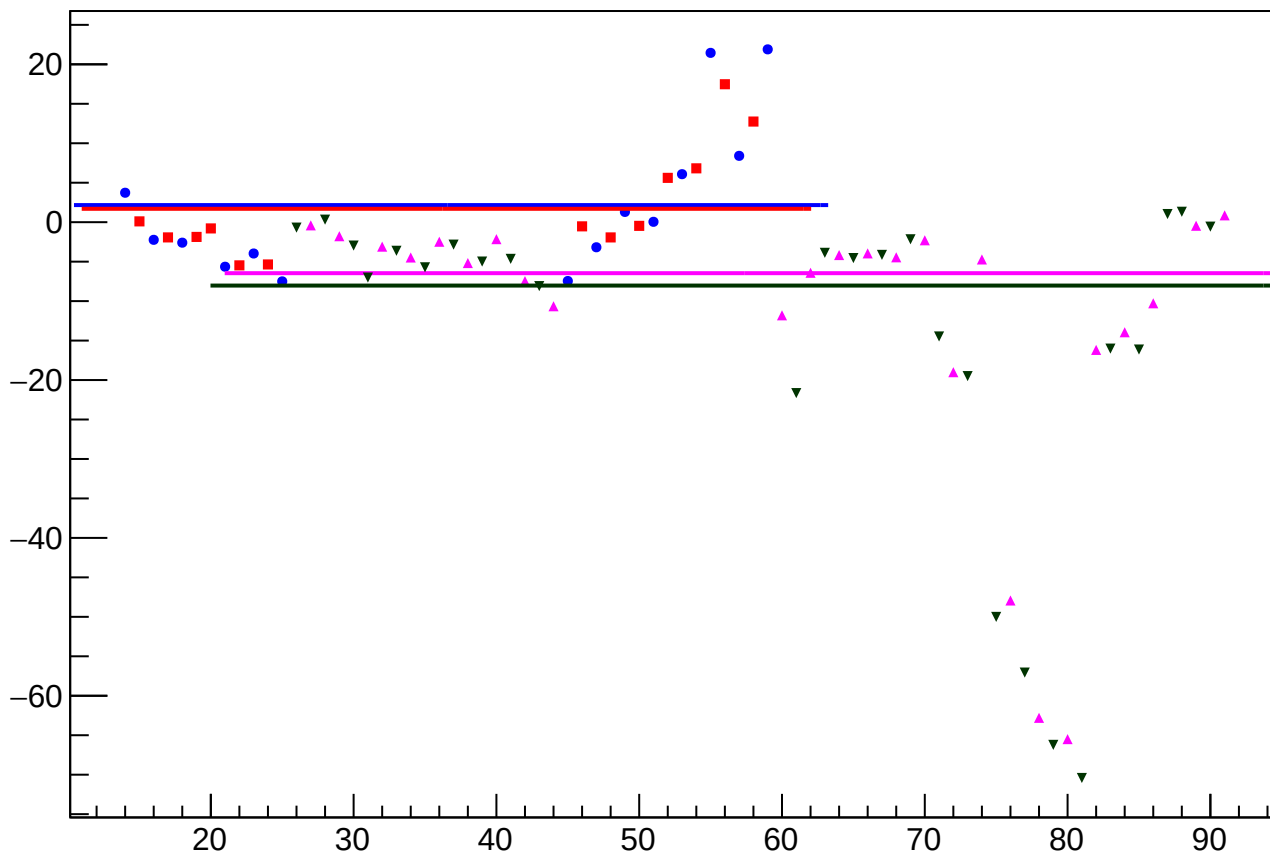
Right Out: -1.108+/-0.014 χ^2/NDF : 58996.3/12

Left In: 1.304+/-0.008 χ^2/NDF : 49583.9/24

0.639+/-0.007 χ^2/NDF : 142676.8/39

0.683+/-0.007 χ^2/NDF : 130001.5/37

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 2.167 ± 0.057 χ^2/NDF : 18021.7/13

Left Out: -8.031 ± 0.038 χ^2/NDF : 123697.7/25

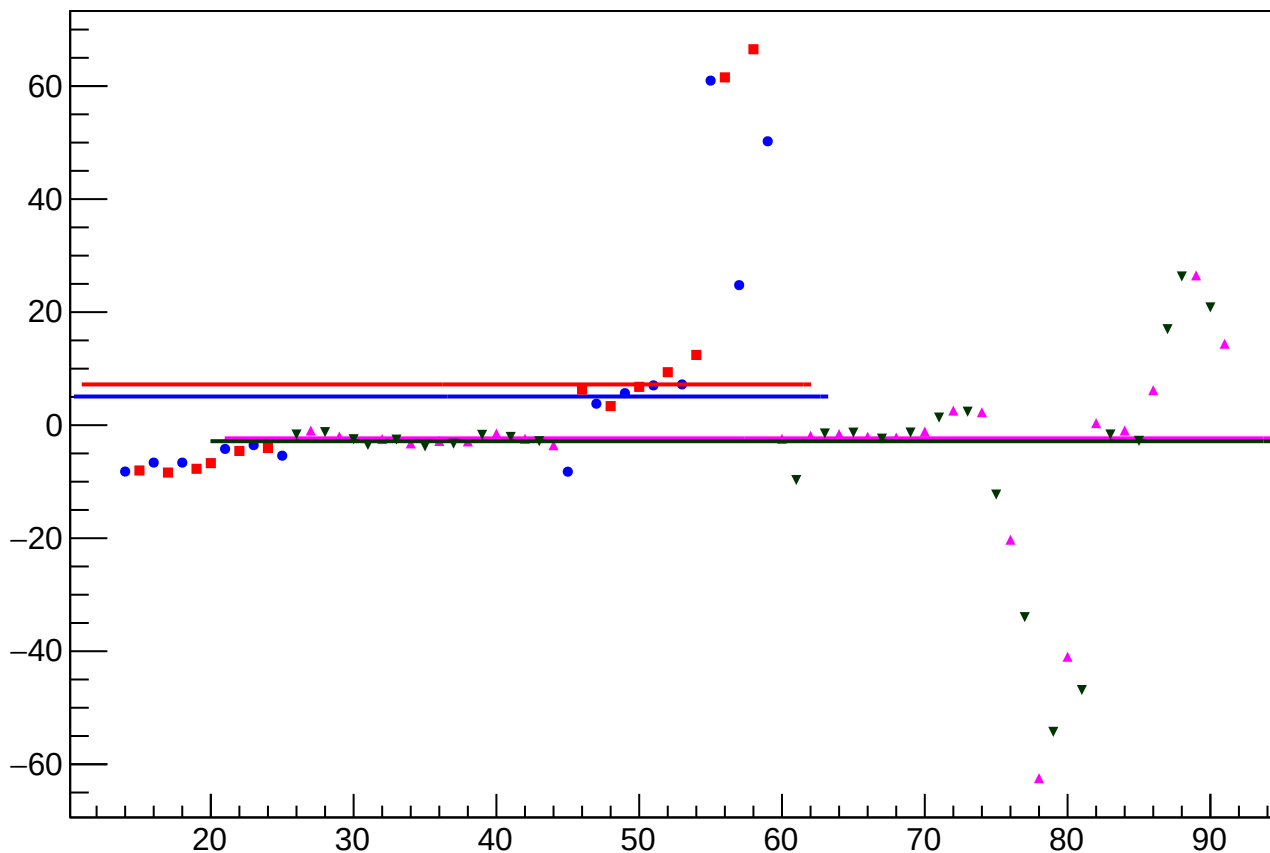
Right Out: 1.695 ± 0.067 χ^2/NDF : 8161.8/12

Left In: -6.460 ± 0.034 χ^2/NDF : 96796.7/24

-4.877 ± 0.032 χ^2/NDF : 164044.2/39

-4.774 ± 0.030 χ^2/NDF : 116716.8/37

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 5.071+/-0.045 χ^2/NDF : 93213.7/13

Left Out: -2.836+/-0.034 χ^2/NDF : 49578.2/25

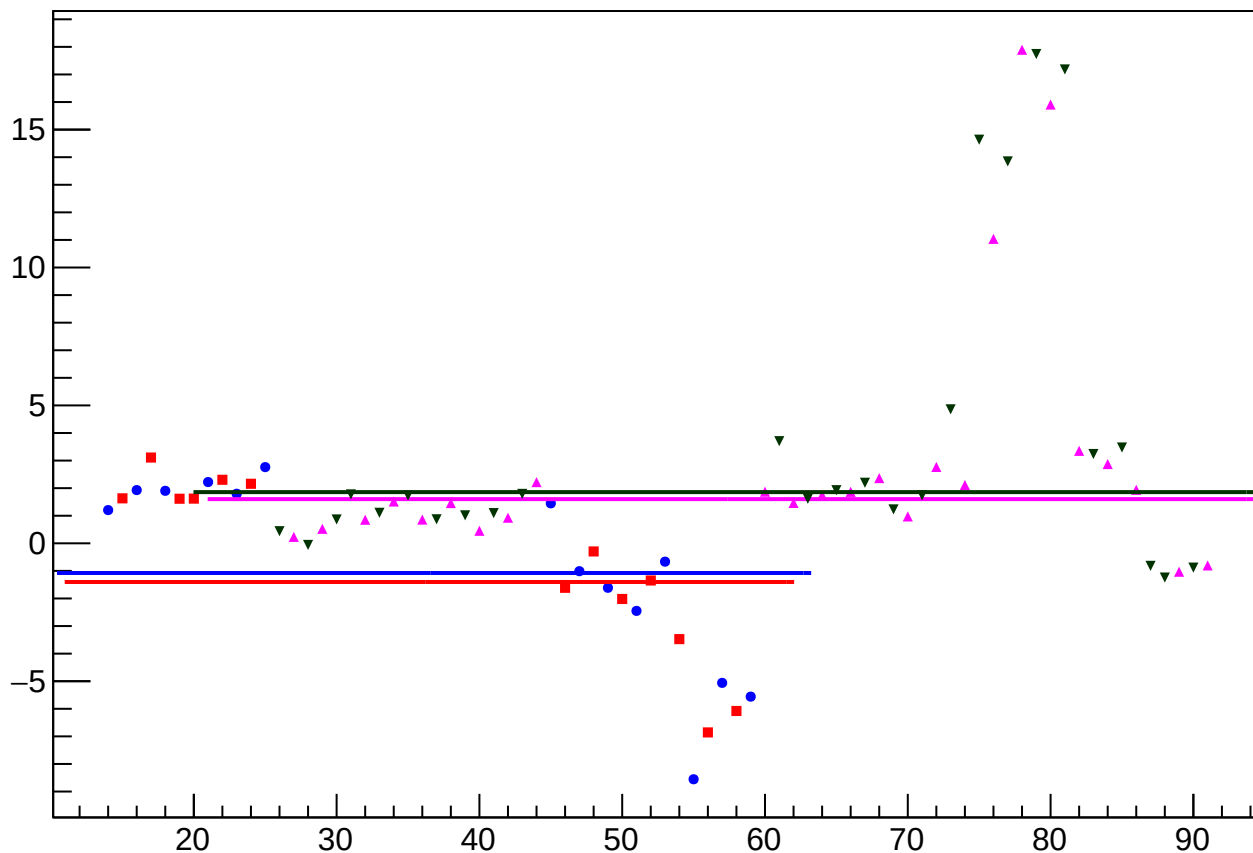
Right Out: 7.211+/-0.052 χ^2/NDF : 95981.1/12

Left In: -2.334+/-0.030 χ^2/NDF : 42805.4/24

0.006+/-0.027 χ^2/NDF : 162527.9/39

-0.022+/-0.026 χ^2/NDF : 164113.0/37

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.076 ± 0.010 $\chi^2/\text{NDF}: 66107.1/13$

Left Out: 1.856 ± 0.006 $\chi^2/\text{NDF}: 200233.8/25$

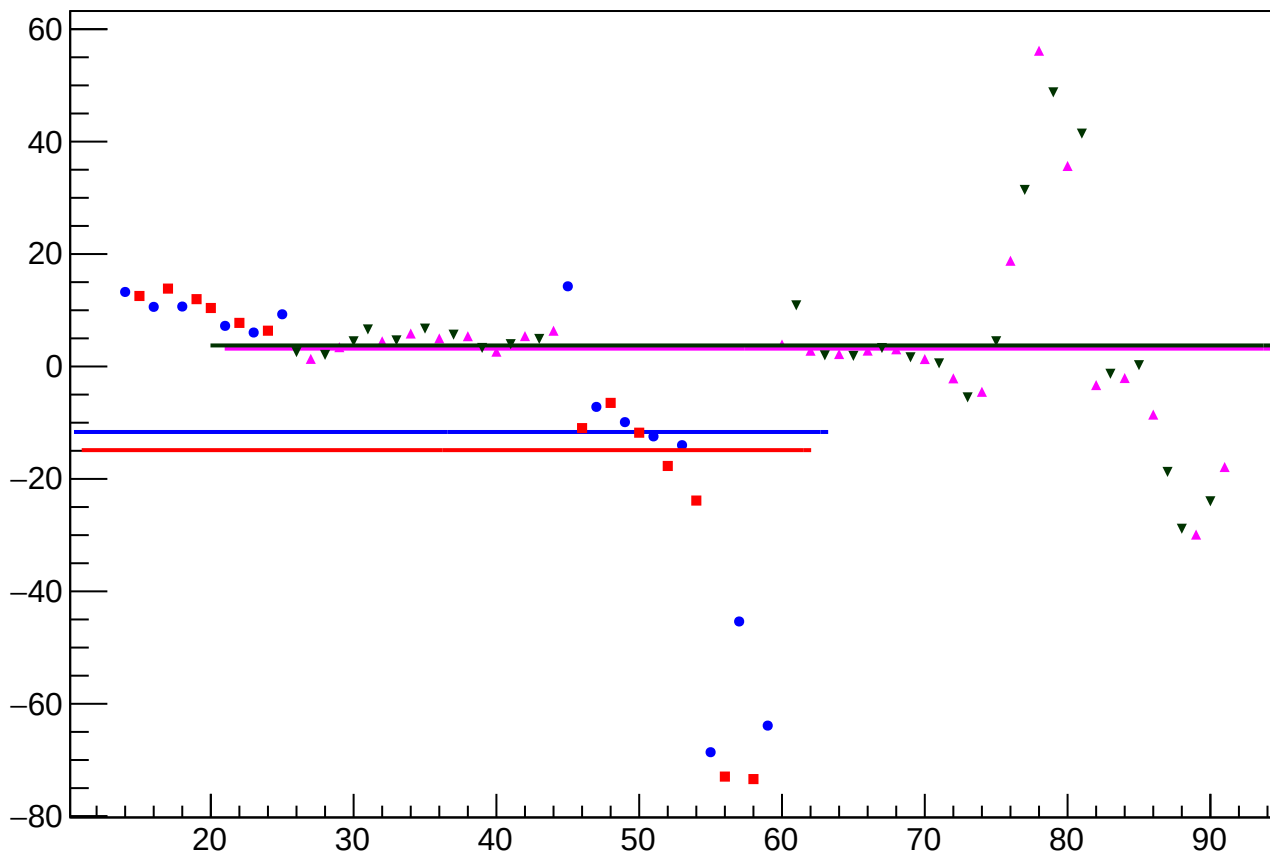
Right Out: -1.402 ± 0.012 $\chi^2/\text{NDF}: 49262.7/12$

Left In: 1.602 ± 0.006 $\chi^2/\text{NDF}: 161302.9/24$

1.049 ± 0.005 $\chi^2/\text{NDF}: 323810.2/39$

1.012 ± 0.005 $\chi^2/\text{NDF}: 262038.7/37$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -11.651 ± 0.071 χ^2/NDF : 111920.4/13

Left Out: 3.741 ± 0.051 χ^2/NDF : 32975.9/25

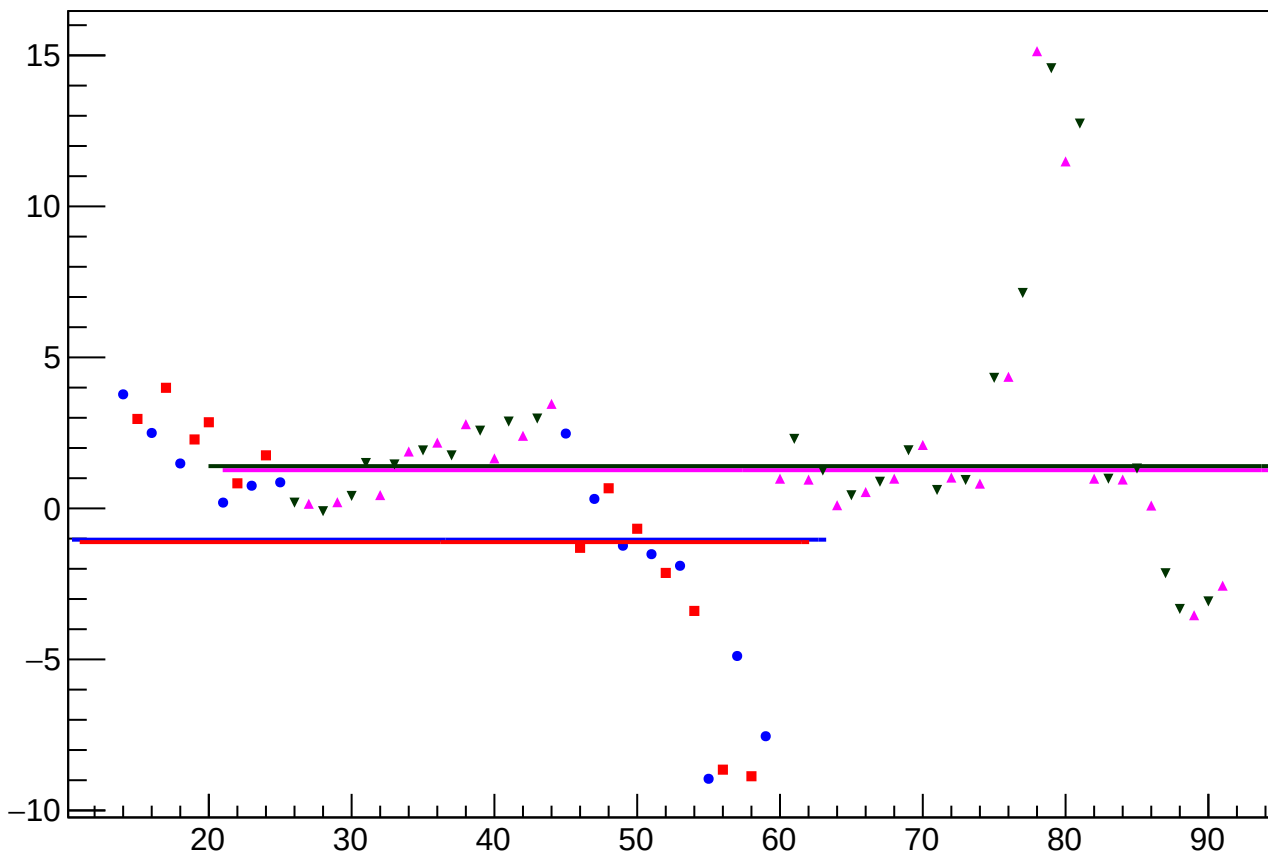
Right Out: -14.880 ± 0.082 χ^2/NDF : 95527.1/12

Left In: 3.173 ± 0.045 χ^2/NDF : 28946.3/24

-1.548 ± 0.041 χ^2/NDF : 175936.7/39

-1.080 ± 0.040 χ^2/NDF : 161911.9/37

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -1.035 ± 0.013 $\chi^2/\text{NDF}: 57545.9/13$

Left Out: 1.400 ± 0.009 $\chi^2/\text{NDF}: 54990.4/25$

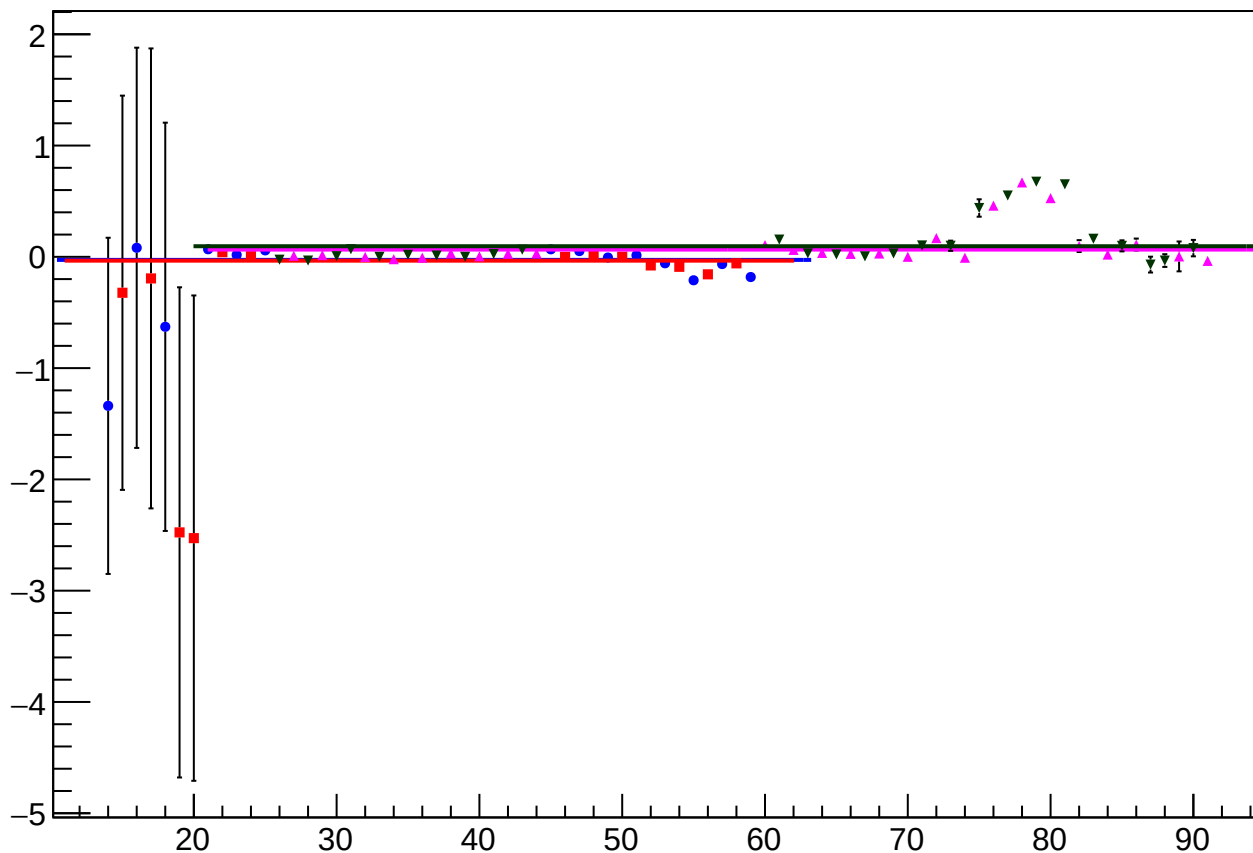
Right Out: -1.116 ± 0.015 $\chi^2/\text{NDF}: 58216.8/12$

Left In: 1.266 ± 0.009 $\chi^2/\text{NDF}: 45974.1/24$

0.630 ± 0.007 $\chi^2/\text{NDF}: 135998.0/39$

0.656 ± 0.007 $\chi^2/\text{NDF}: 123586.4/37$

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.027 $\pm$ 0.005 χ^2 /NDF: 252.1/13

Left Out: 0.095 $\pm$ 0.004 χ^2 /NDF:2019.7/25

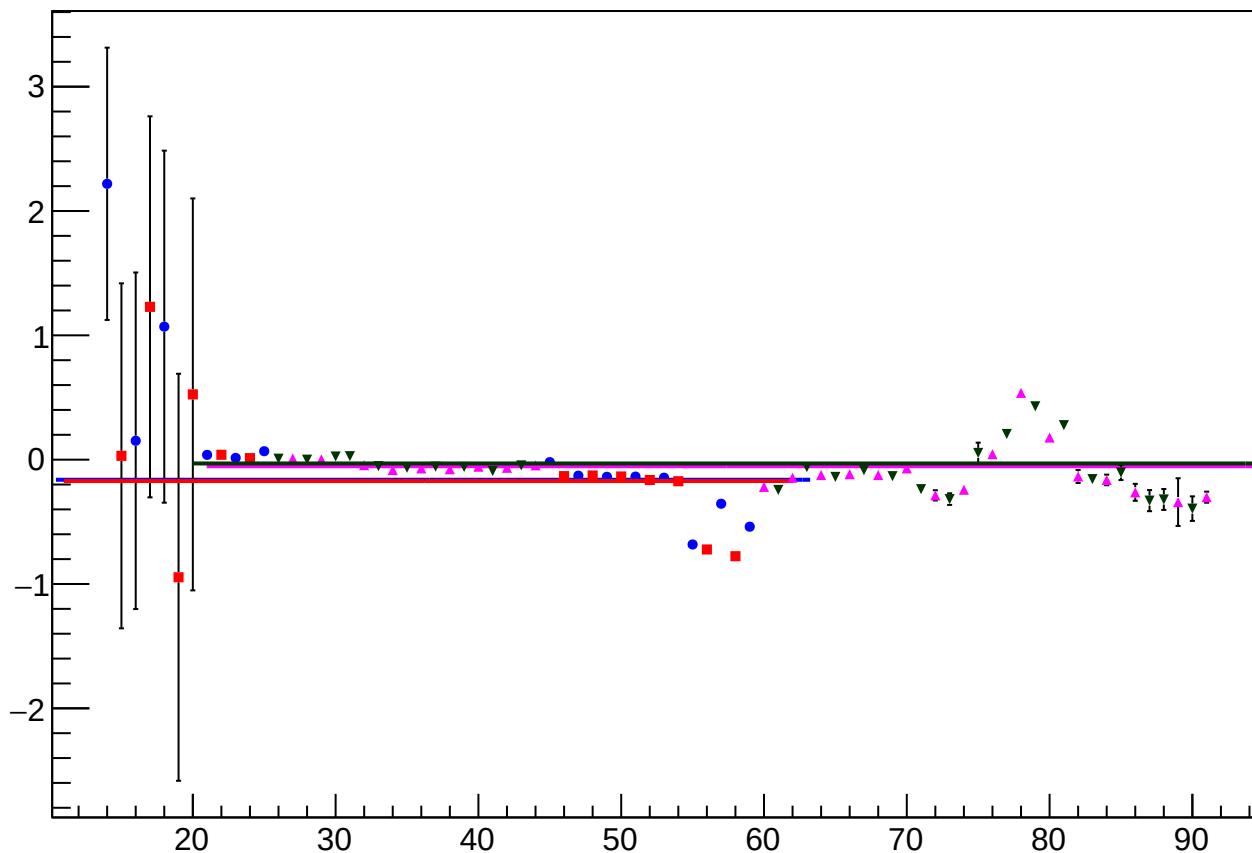
Right Out: -0.034 $\pm$ 0.006 χ^2 /NDF: 79.2/12

Left In: 0.065 $\pm$ 0.004 χ^2 /NDF:1216.9/24

0.048 $\pm$ 0.003 χ^2 /NDF: 2581.0/39

0.035 $\pm$ 0.004 χ^2 /NDF: 1461.7/37

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.162 ± 0.004 $\chi^2/\text{NDF}: 1609.2/13$

Left Out: -0.031 ± 0.004 $\chi^2/\text{NDF}: 829.6/25$

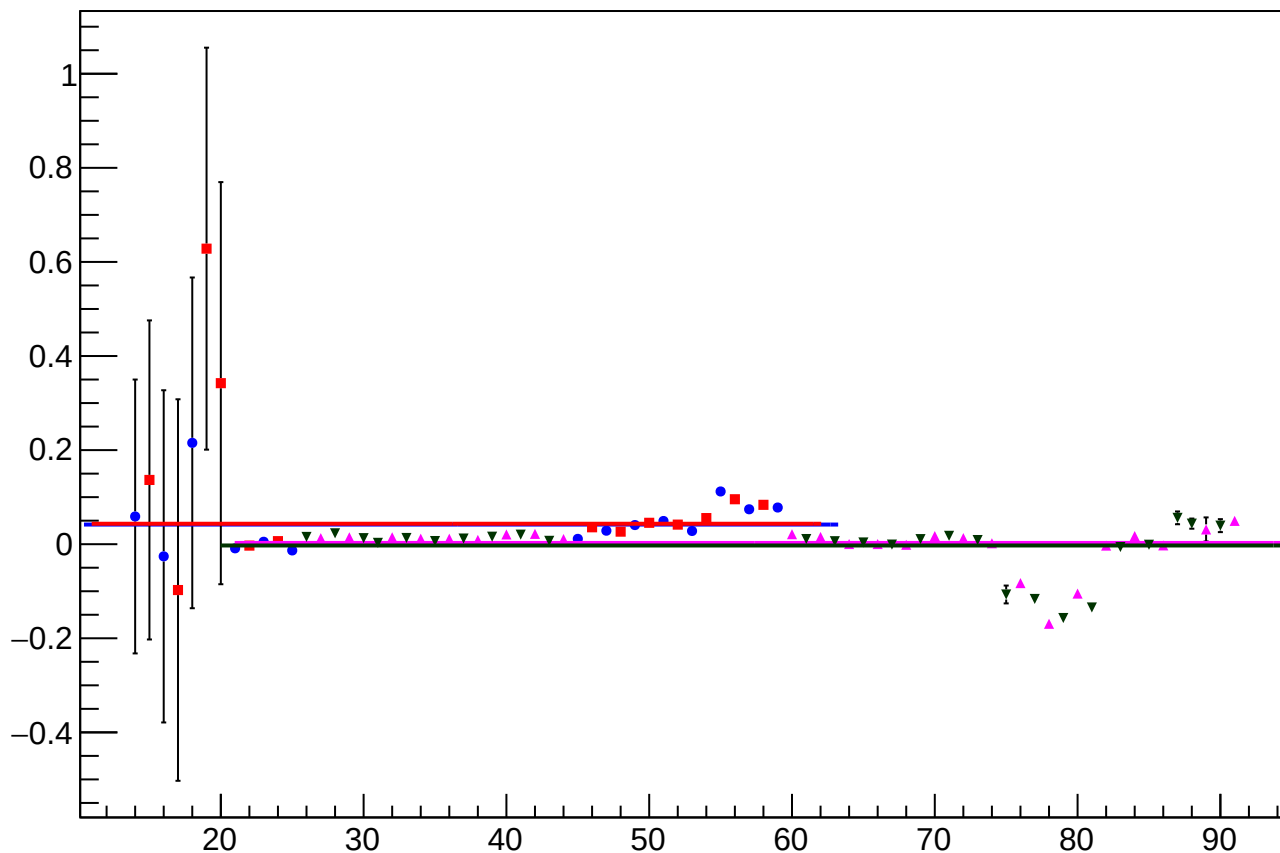
Right Out: -0.172 ± 0.005 $\chi^2/\text{NDF}: 1613.1/12$

Left In: -0.053 ± 0.004 $\chi^2/\text{NDF}: 767.9/24$

-0.089 ± 0.003 $\chi^2/\text{NDF}: 2923.2/39$

-0.096 ± 0.003 $\chi^2/\text{NDF}: 2733.7/37$

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: -0.003 $\pm$ 0.001 χ^2 /NDF: 3167.3/25

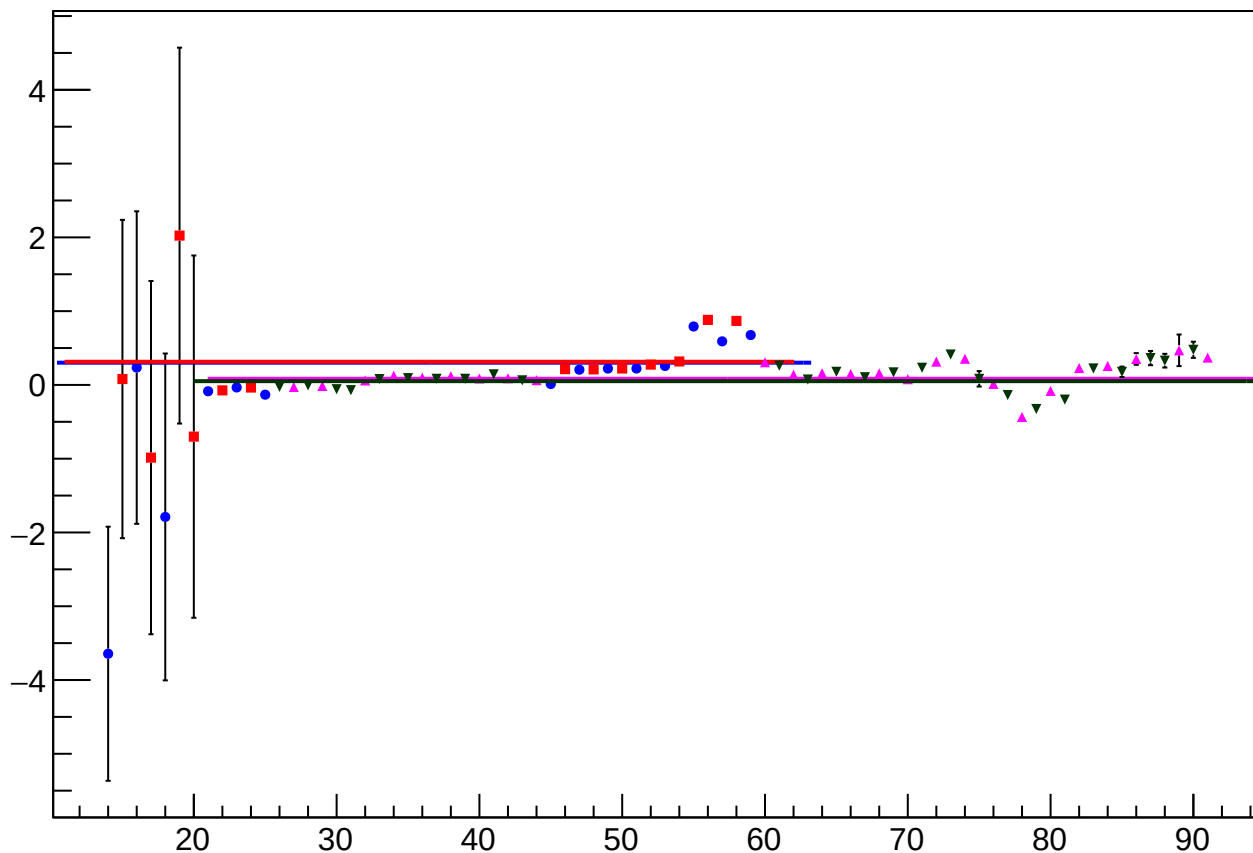
Right Out: 0.043 $\pm$ 0.001 χ^2 /NDF: 632.2/12

Left In: 0.003 $\pm$ 0.001 χ^2 /NDF: 2205.3/24

0.013 $\pm$ 0.001 χ^2 /NDF: 5613.8/39

0.015 $\pm$ 0.001 χ^2 /NDF: 3771.9/37

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.301 $\pm$ 0.007 χ^2 /NDF: 1735.3/13

Left Out: 0.051 $\pm$ 0.006 χ^2 /NDF: 521.2/25

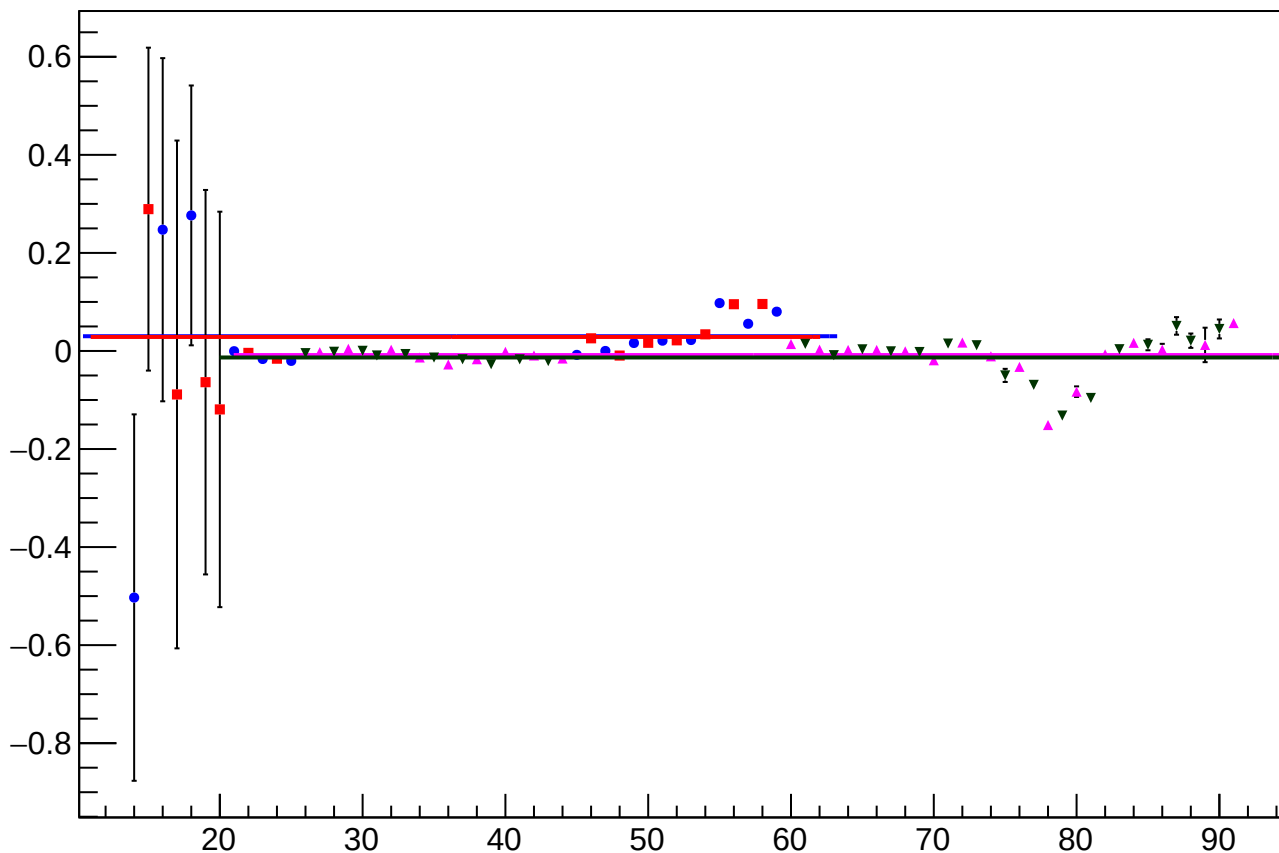
Right Out: 0.314 $\pm$ 0.008 χ^2 /NDF: 1500.1/12

Left In: 0.083 $\pm$ 0.006 χ^2 /NDF: 542.9/24

0.162 $\pm$ 0.004 χ^2 /NDF: 3027.7/39

0.166 $\pm$ 0.005 χ^2 /NDF: 2609.1/37

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.030 ± 0.001 $\chi^2/\text{NDF}: 723.4/13$

Left Out: -0.013 ± 0.001 $\chi^2/\text{NDF}: 717.2/25$

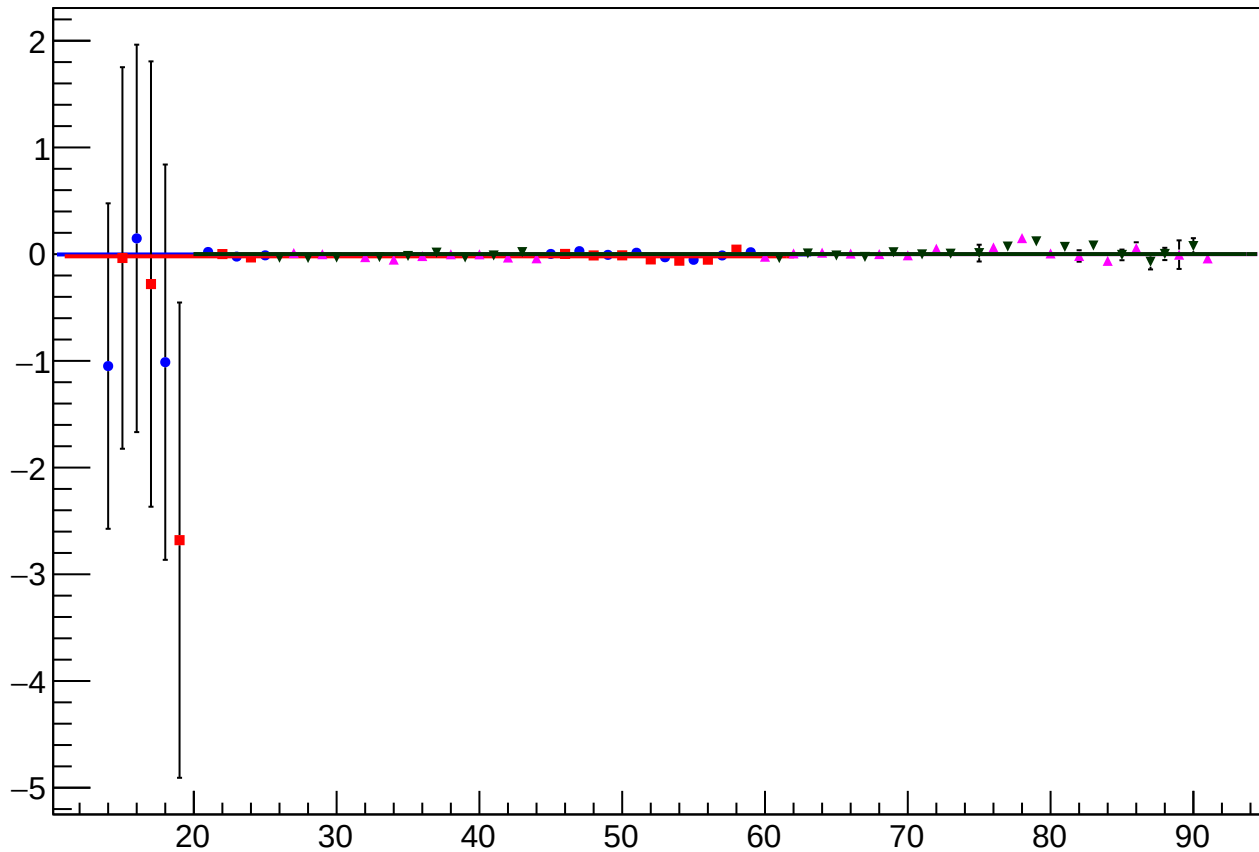
Right Out: 0.029 ± 0.001 $\chi^2/\text{NDF}: 692.2/12$

Left In: -0.008 ± 0.001 $\chi^2/\text{NDF}: 629.0/24$

0.004 ± 0.001 $\chi^2/\text{NDF}: 2102.6/39$

0.005 ± 0.001 $\chi^2/\text{NDF}: 1733.9/37$

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: 0.001 ± 0.005 χ^2/NDF : 81.4/24

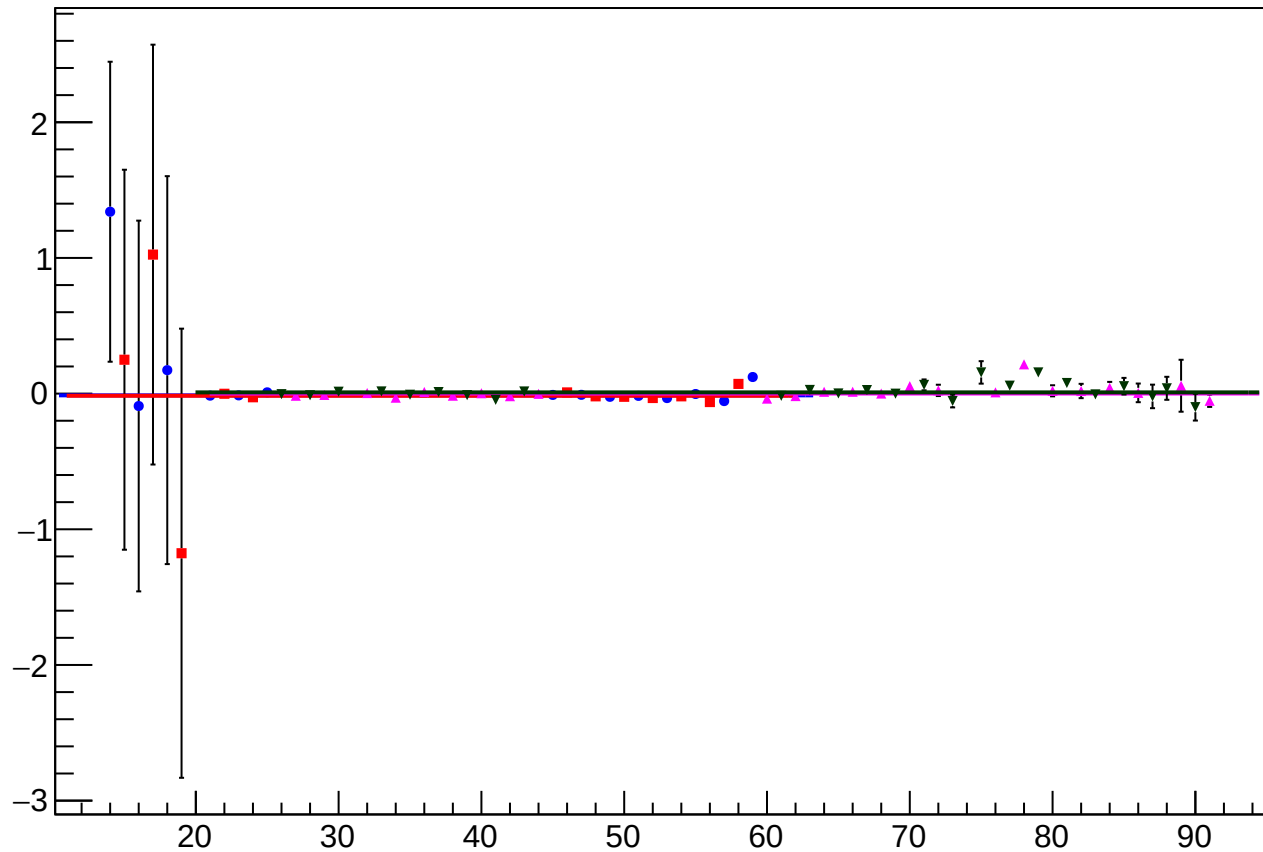
Right Out: -0.020 ± 0.007 χ^2/NDF : 23.0/11

Left In: 0.000 ± 0.004 χ^2/NDF : 74.3/23

-0.001 ± 0.004 χ^2/NDF : 95.8/38

-0.006 ± 0.004 χ^2/NDF : 104.0/35

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.005 χ^2/NDF : 64.9/13

Left Out: 0.009 ± 0.004 χ^2/NDF : 71.9/24

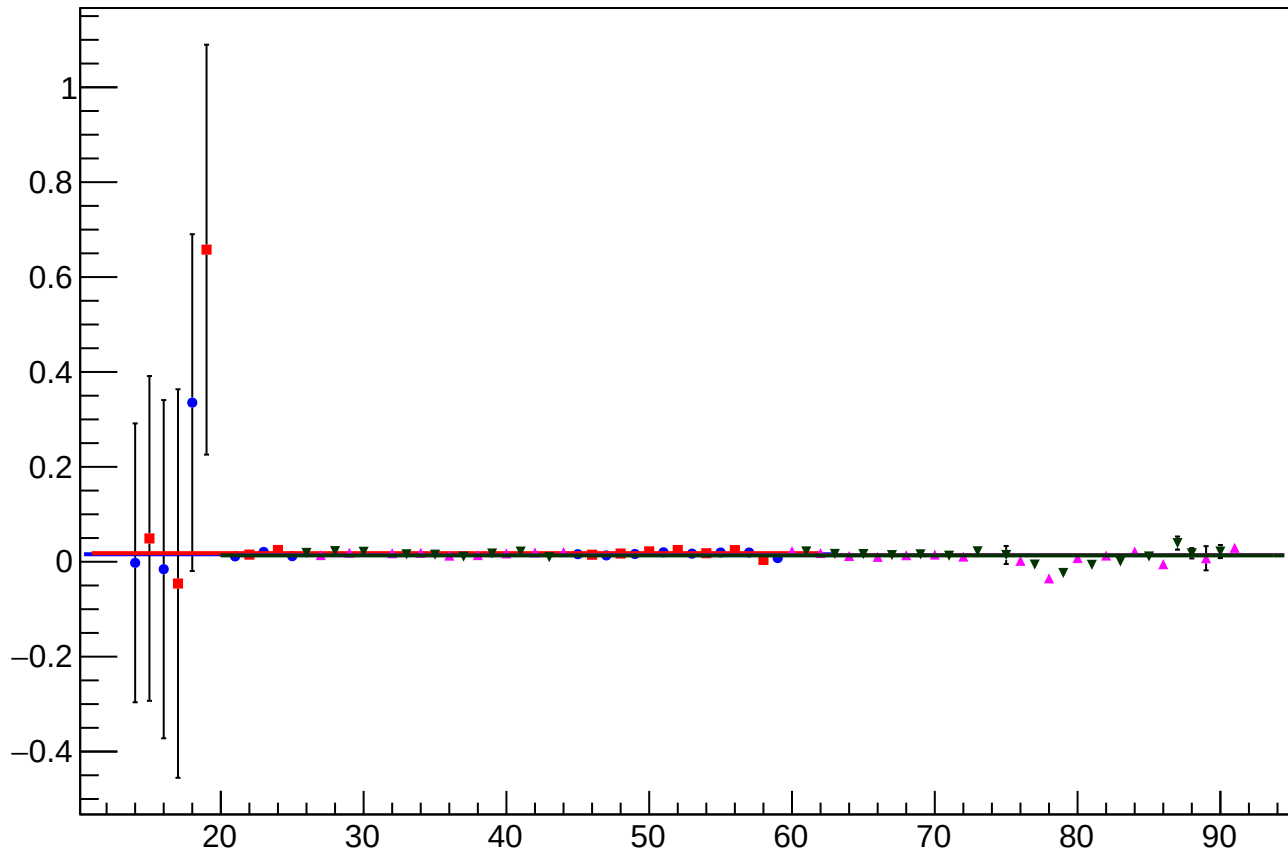
Right Out: -0.016 ± 0.005 χ^2/NDF : 25.4/11

Left In: 0.001 ± 0.004 χ^2/NDF : 75.2/23

-0.001 ± 0.003 χ^2/NDF : 149.4/38

-0.006 ± 0.003 χ^2/NDF : 107.0/35

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 $\pm$ 0.001 χ^2 /NDF: 15.9/13

Left Out: 0.013 $\pm$ 0.001 χ^2 /NDF:151.8/24

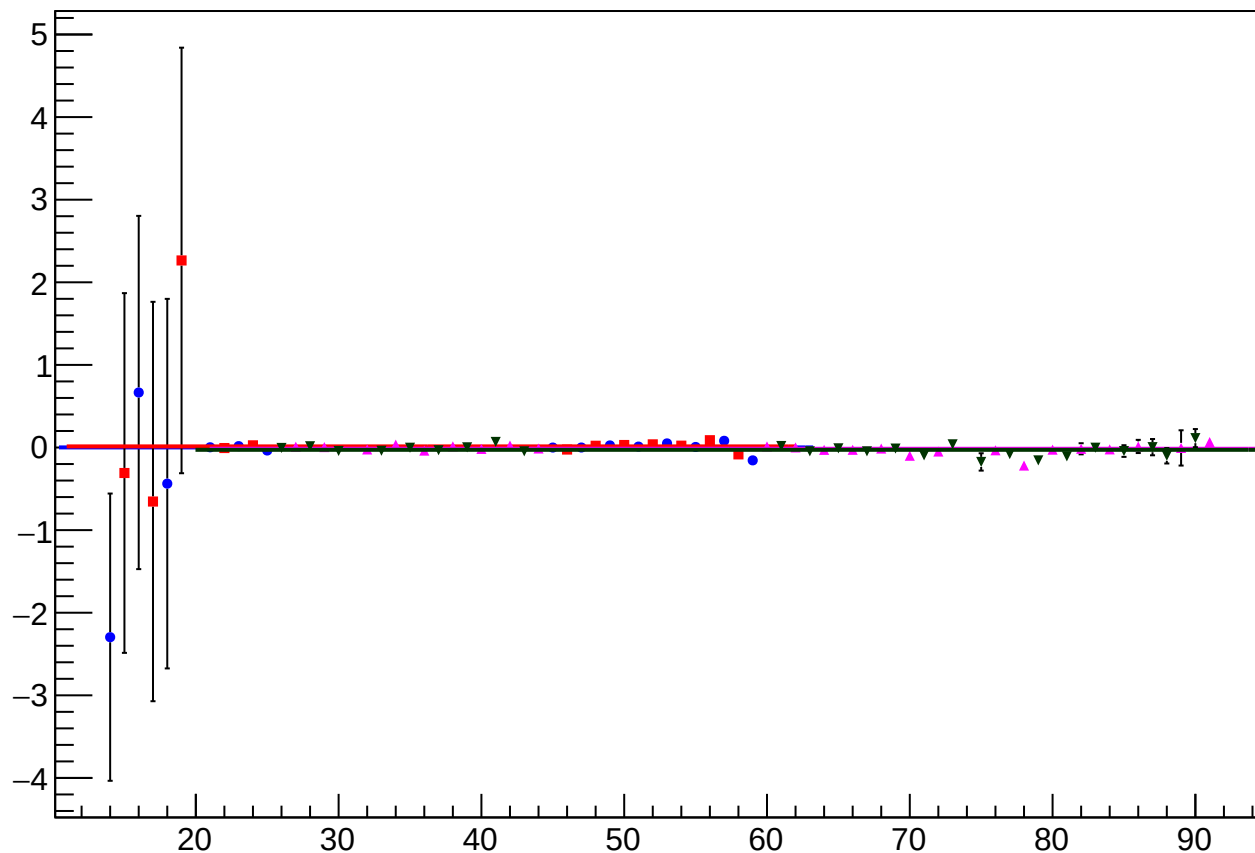
Right Out: 0.018 $\pm$ 0.001 χ^2 /NDF: 31.4/11

Left In: 0.014 $\pm$ 0.001 χ^2 /NDF:154.5/23

0.014 $\pm$ 0.001 χ^2 /NDF: 171.2/38

0.015 $\pm$ 0.001 χ^2 /NDF: 194.8/35

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: -0.028 ± 0.006 χ^2/NDF : 57.1/24

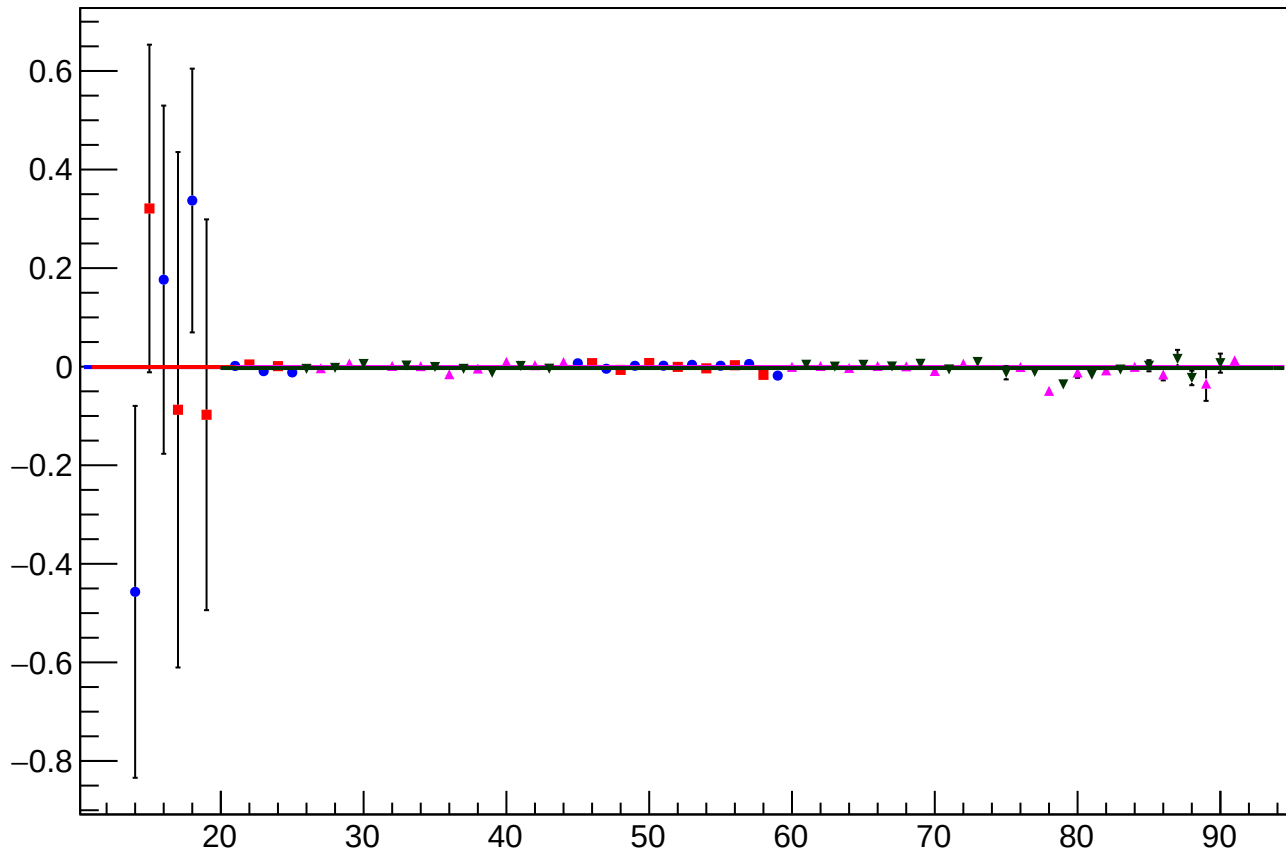
Right Out: 0.014 ± 0.008 χ^2/NDF : 29.2/11

Left In: -0.015 ± 0.006 χ^2/NDF : 55.3/23

-0.015 ± 0.005 χ^2/NDF : 153.9/38

-0.005 ± 0.005 χ^2/NDF : 92.7/35

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: -0.003+/-0.001 χ^2 /NDF:52.4/24

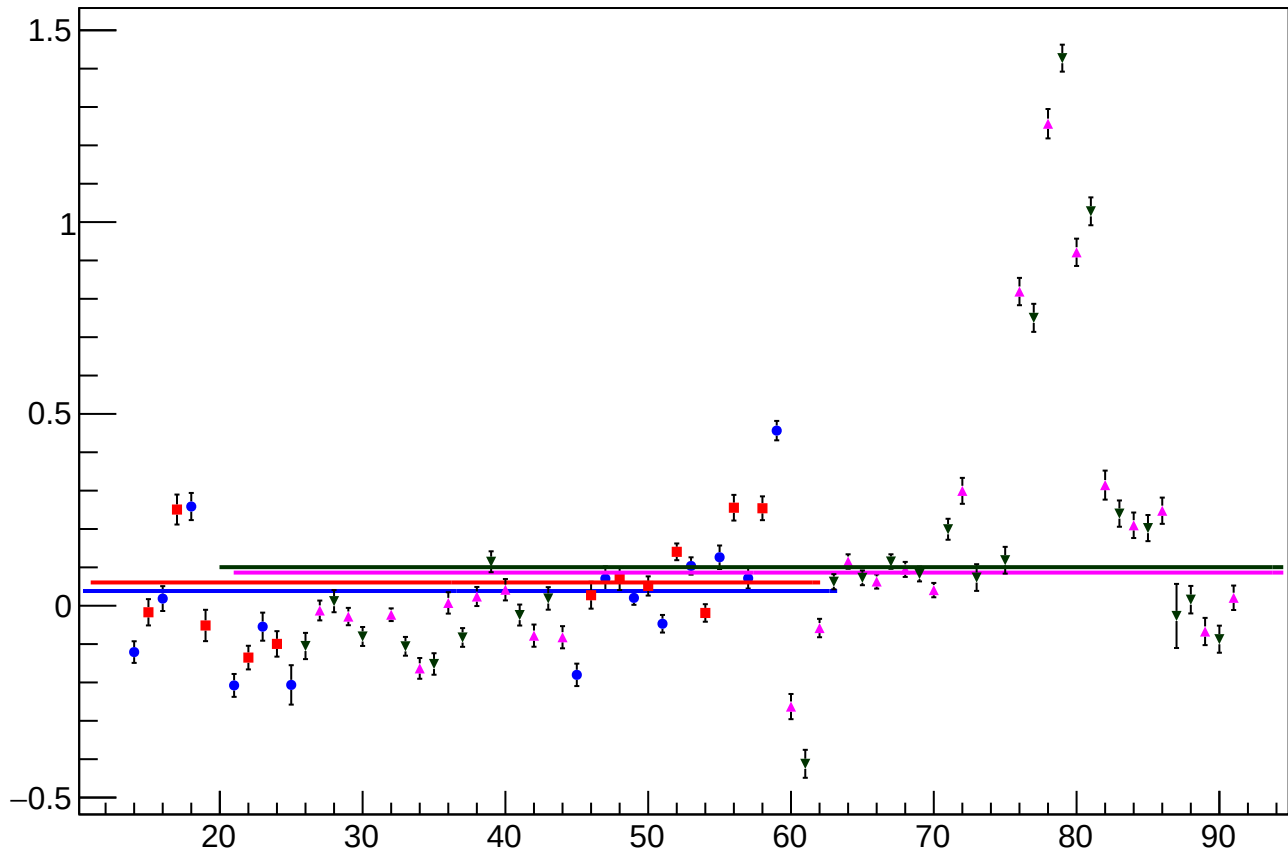
Right Out: -0.001+/-0.001 χ^2 /NDF: 25.5/11

Left In: -0.001+/-0.001 χ^2 /NDF:81.2/23

-0.002+/-0.001 χ^2 /NDF: 90.5/38

-0.001+/-0.001 χ^2 /NDF: 106.7/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.038 ± 0.007 χ^2/NDF : 531.2/13

Left Out: 0.101 ± 0.006 χ^2/NDF : 3008.6/24

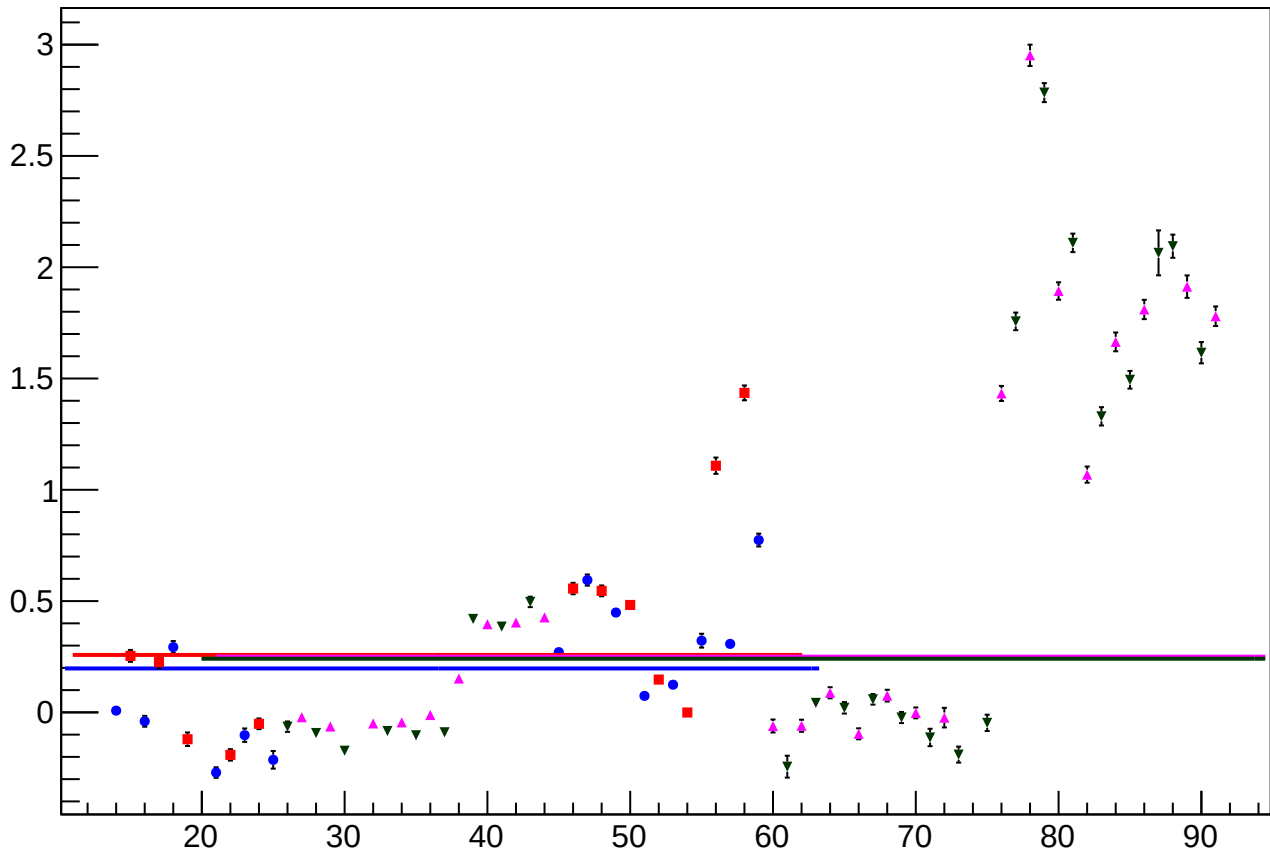
Right Out: 0.061 ± 0.009 χ^2/NDF : 199.4/11

Left In: 0.086 ± 0.005 χ^2/NDF : 2452.7/23

0.078 ± 0.004 χ^2/NDF : 3585.1/38

0.079 ± 0.004 χ^2/NDF : 2658.6/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.197 ± 0.006 $\chi^2/\text{NDF}: 1851.5/13$

Left Out: 0.241 ± 0.005 $\chi^2/\text{NDF}: 13899.3/24$

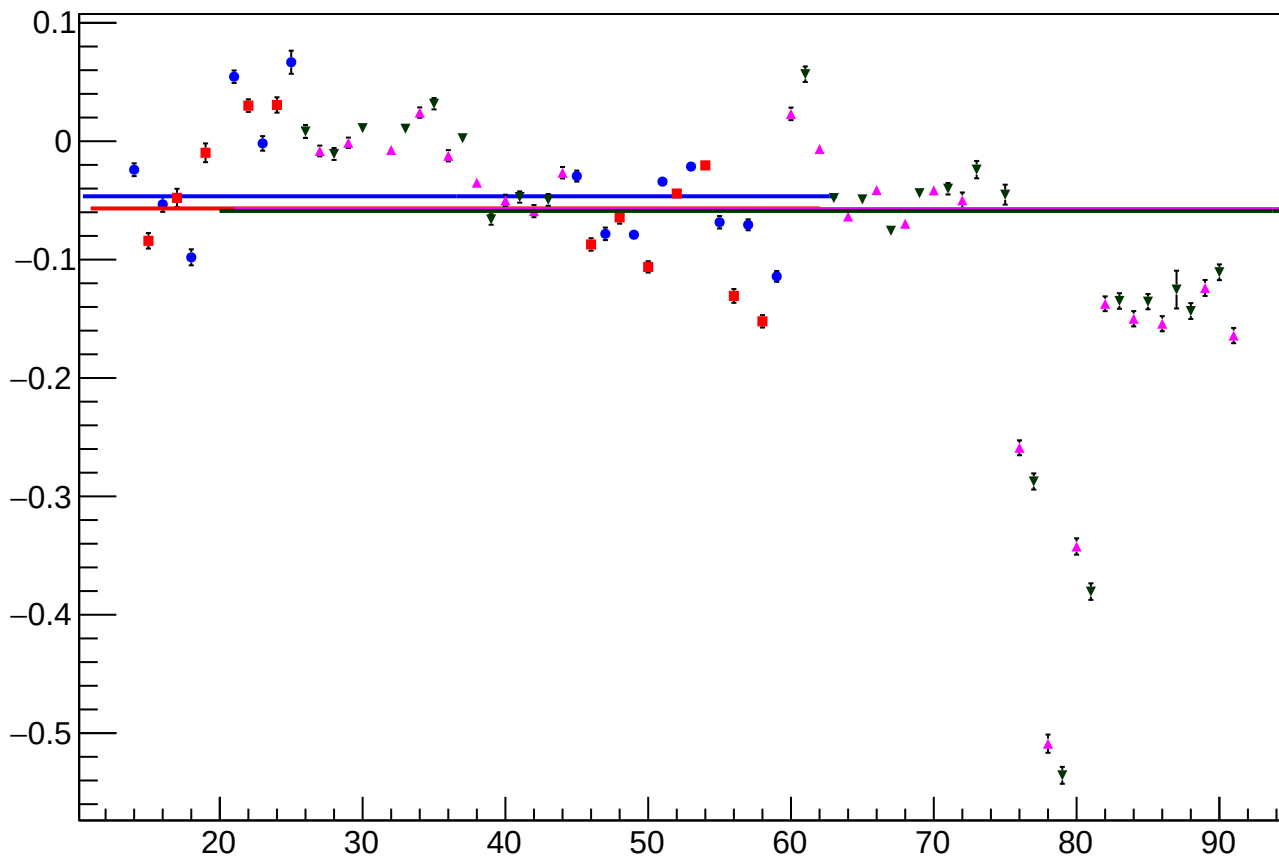
Right Out: 0.258 ± 0.007 $\chi^2/\text{NDF}: 3171.2/11$

Left In: 0.250 ± 0.005 $\chi^2/\text{NDF}: 13794.4/23$

0.221 ± 0.004 $\chi^2/\text{NDF}: 15782.0/38$

0.253 ± 0.004 $\chi^2/\text{NDF}: 16966.5/35$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.047 ± 0.001 χ^2/NDF : 1071.0/13

Left Out: -0.059 ± 0.001 χ^2/NDF : 10124.6/24

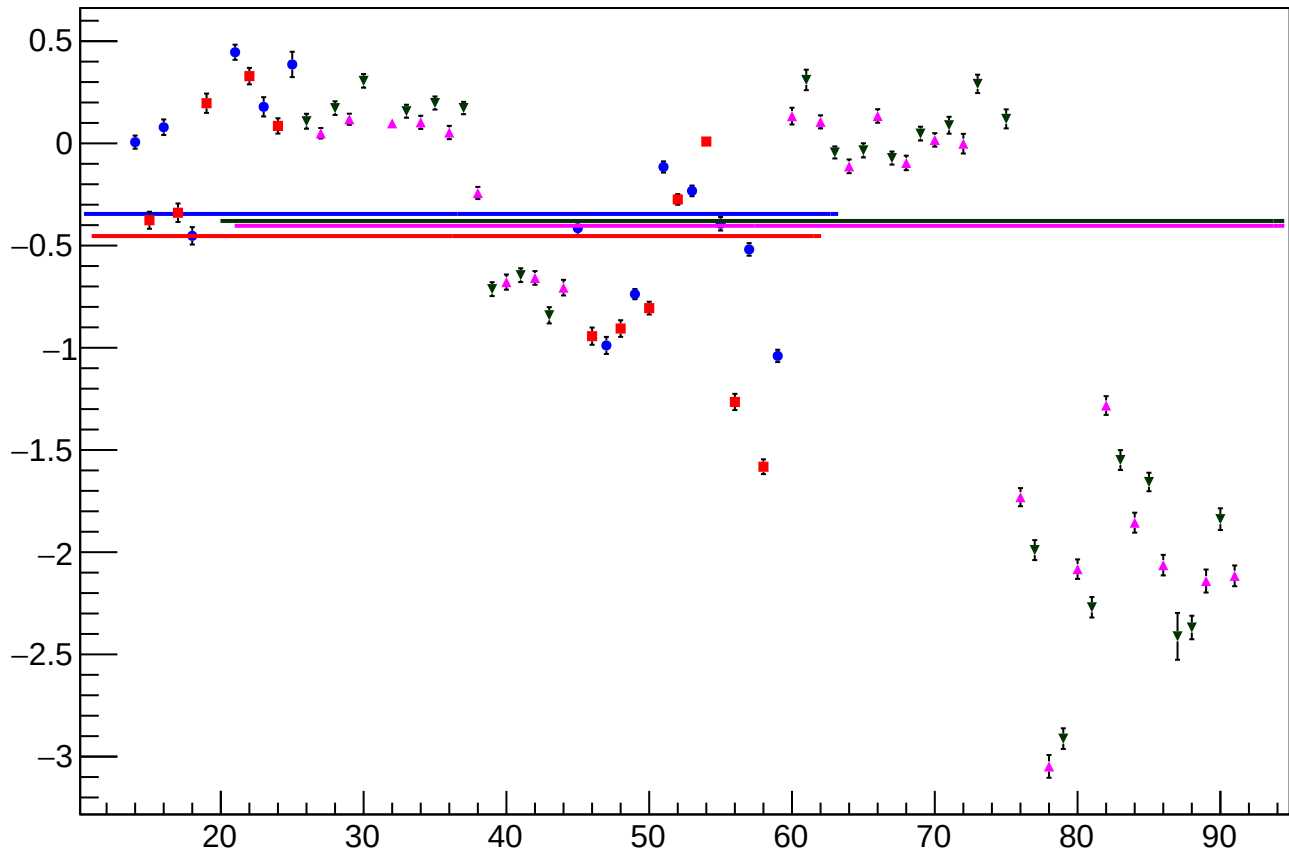
Right Out: -0.057 ± 0.002 χ^2/NDF : 1247.5/11

Left In: -0.057 ± 0.001 χ^2/NDF : 8770.6/23

-0.055 ± 0.001 χ^2/NDF : 11252.1/38

-0.057 ± 0.001 χ^2/NDF : 10018.1/35

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: -0.380 ± 0.008 χ^2/NDF : 11899.2/24

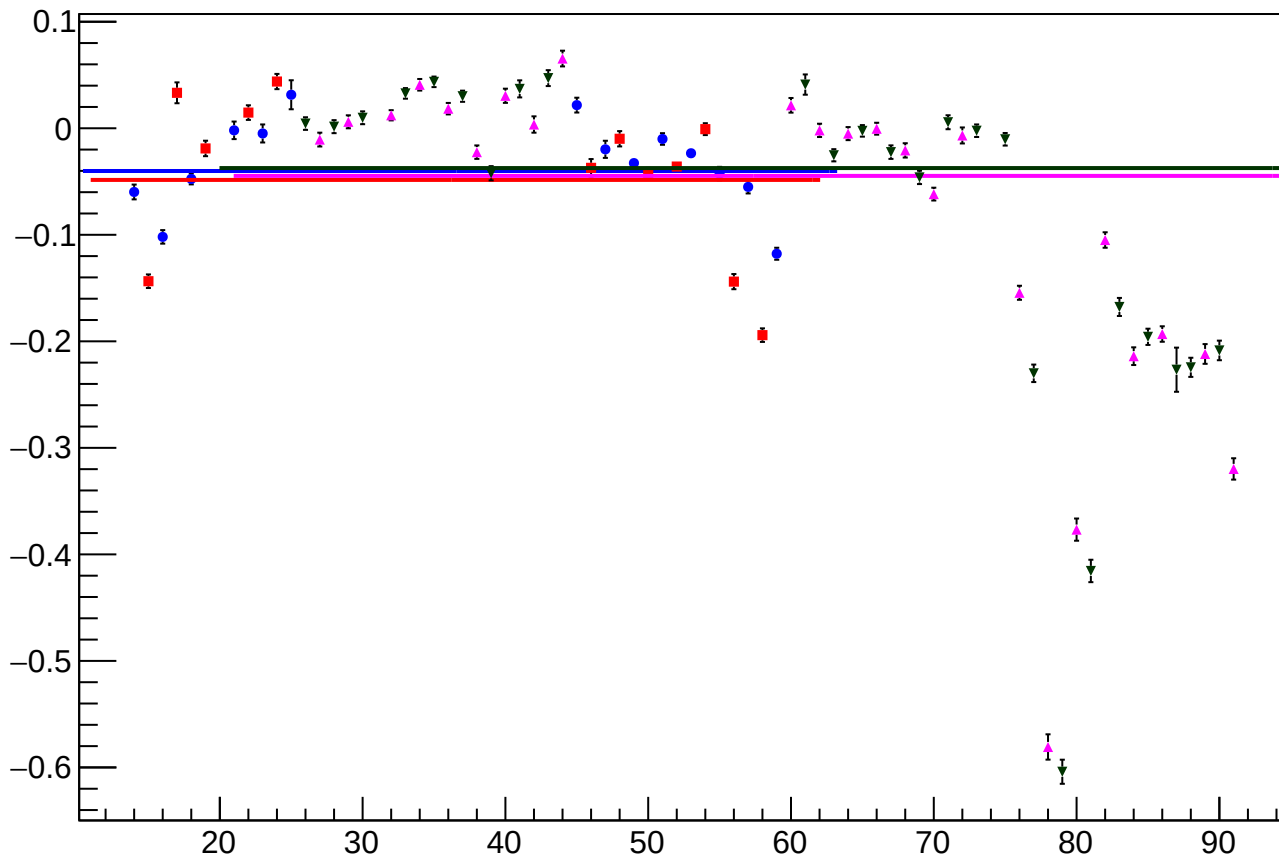
Right Out: -0.453 ± 0.010 χ^2/NDF : 2959.3/11

Left In: -0.403 ± 0.007 χ^2/NDF : 11686.7/23

-0.365 ± 0.006 χ^2/NDF : 14014.1/38

-0.420 ± 0.006 χ^2/NDF : 14662.0/35

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: -0.037 ± 0.001 $\chi^2/\text{NDF}: 7100.9/24$

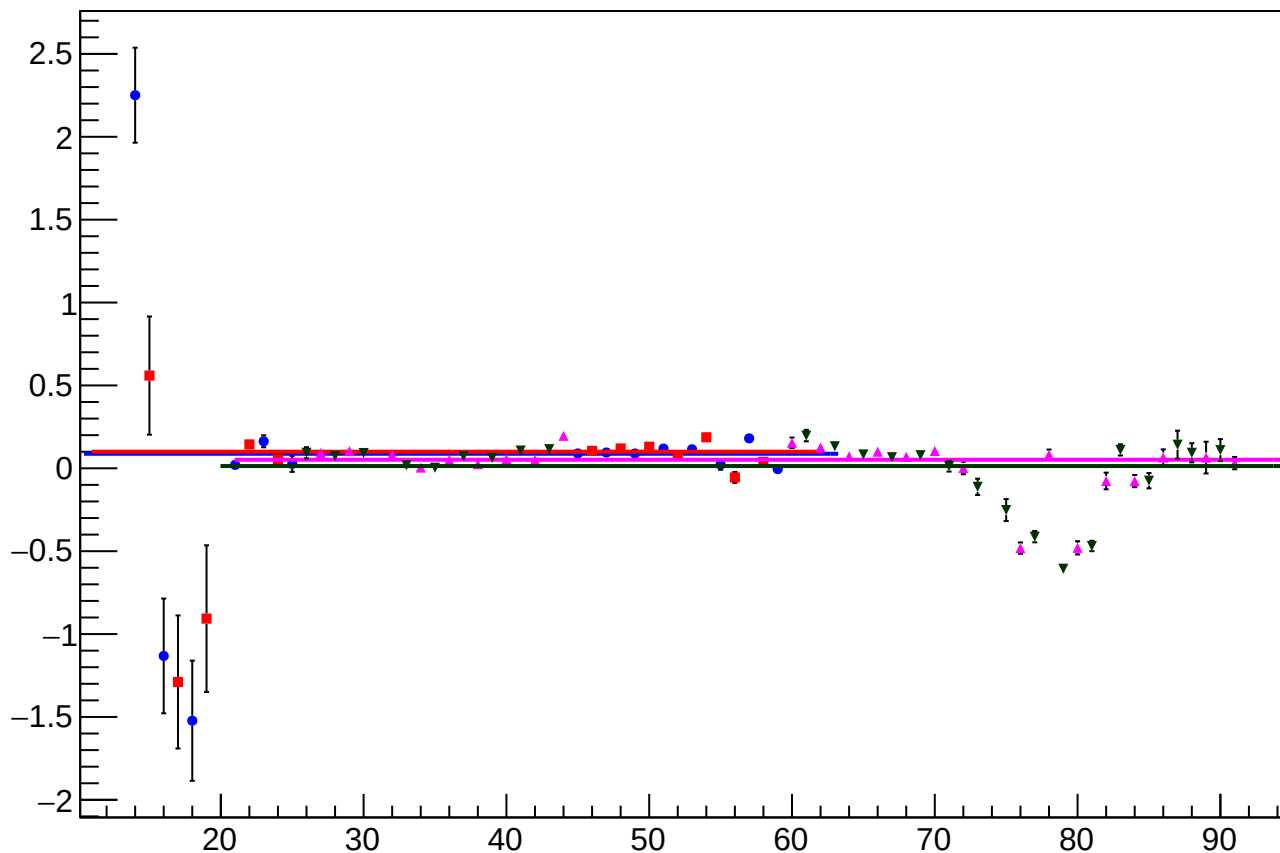
Right Out: -0.048 ± 0.002 $\chi^2/\text{NDF}: 1374.4/11$

Left In: -0.045 ± 0.001 $\chi^2/\text{NDF}: 6620.1/23$

-0.038 ± 0.001 $\chi^2/\text{NDF}: 7600.0/38$

-0.046 ± 0.001 $\chi^2/\text{NDF}: 7997.2/35$

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.088+/-0.007 χ^2/NDF : 134.9/13

Left Out: 0.014+/-0.006 χ^2/NDF : 1022.7/24

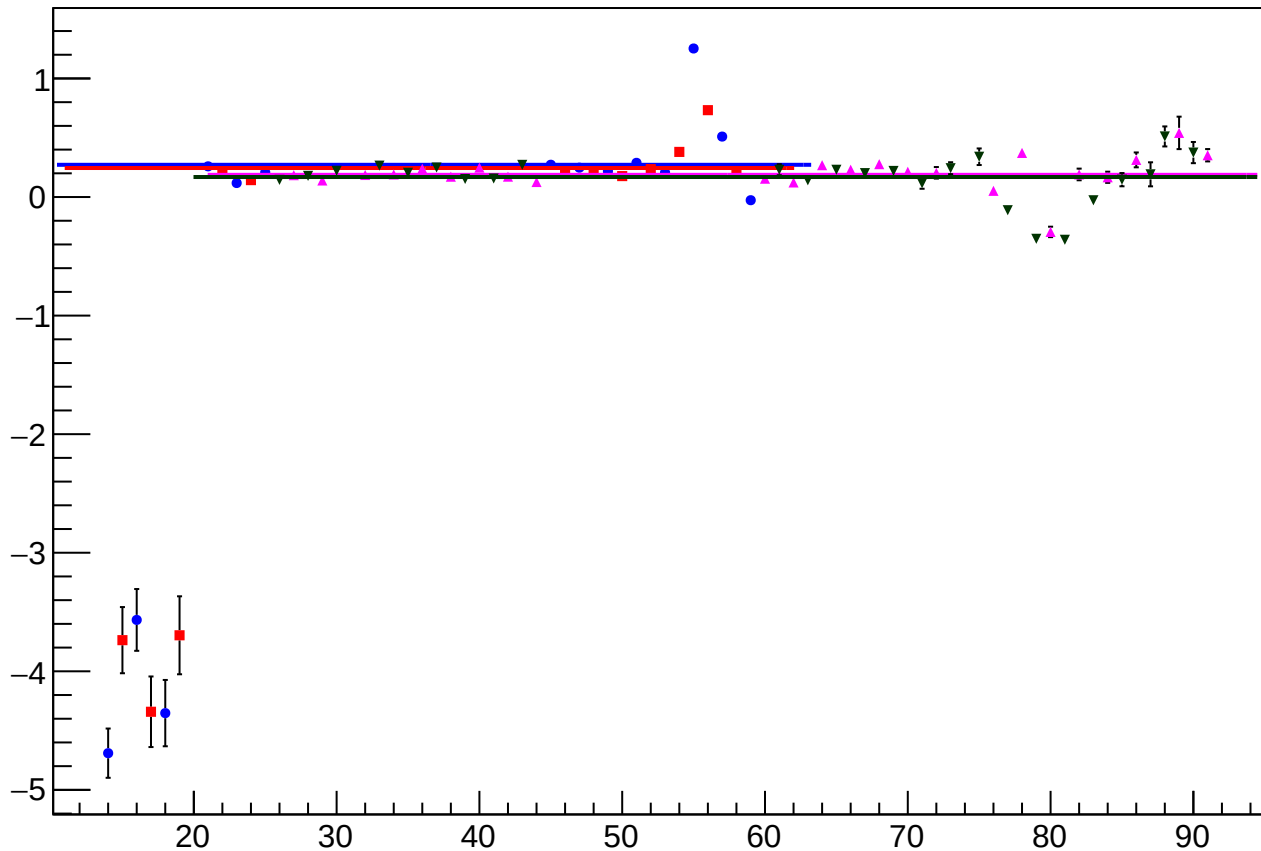
Right Out: 0.100+/-0.009 χ^2/NDF : 67.3/11

Left In: 0.052+/-0.006 χ^2/NDF : 527.2/23

0.042+/-0.005 χ^2/NDF : 1218.6/38

0.066+/-0.005 χ^2/NDF : 616.5/35

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272 $\pm$ 0.006 χ^2 /NDF: 2299.7/13

Left Out: 0.169 $\pm$ 0.005 χ^2 /NDF:635.7/24

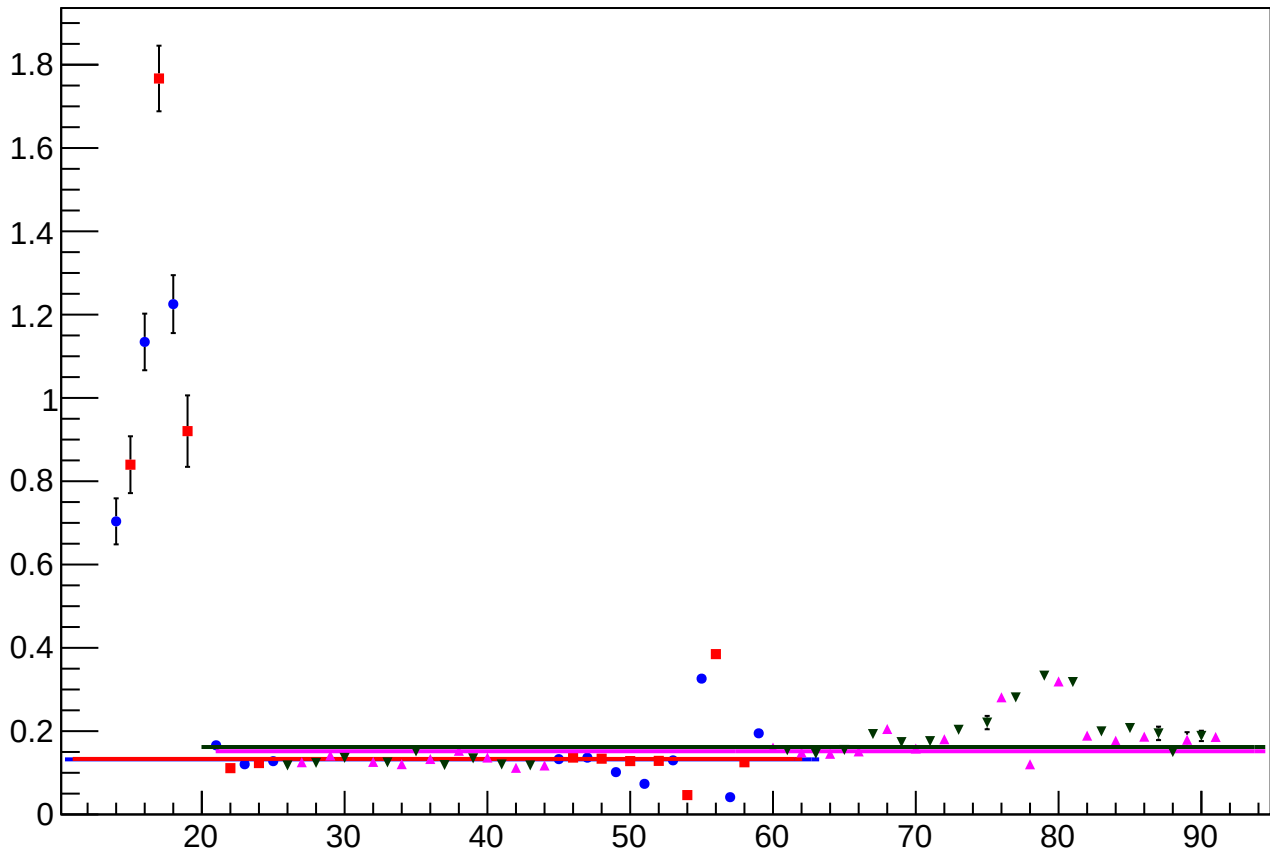
Right Out: 0.245 $\pm$ 0.007 χ^2 /NDF: 896.2/11

Left In: 0.187 $\pm$ 0.005 χ^2 /NDF:248.2/23

0.216 $\pm$ 0.004 χ^2 /NDF: 3097.3/38

0.208 $\pm$ 0.004 χ^2 /NDF: 1190.8/35

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.132 $\pm$ 0.001 χ^2 /NDF: 2783.1/13

Left Out: 0.162 $\pm$ 0.001 χ^2 /NDF:2672.8/24

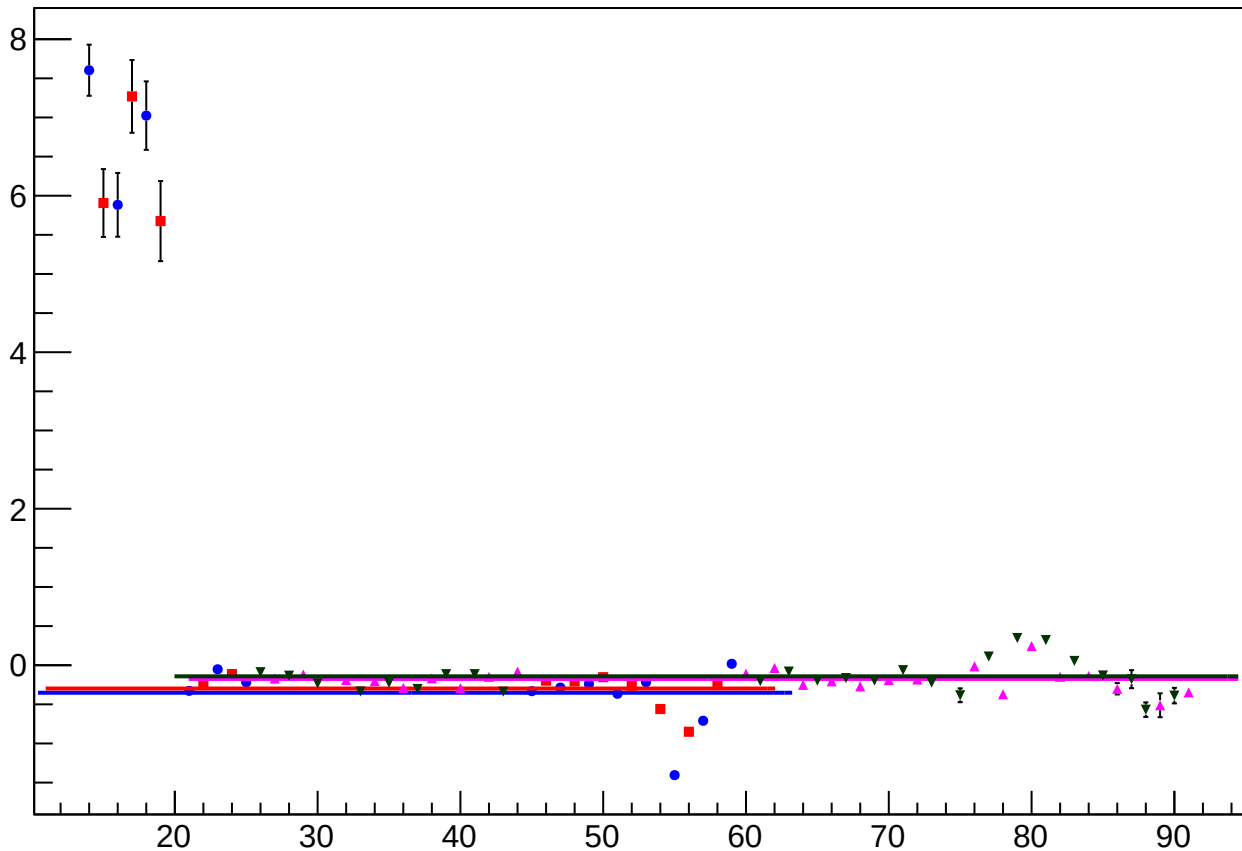
0.151 $\pm$ 0.001 χ^2 /NDF: 5769.9/38

Right Out: 0.133 $\pm$ 0.002 χ^2 /NDF: 3108.1/11

0.147 $\pm$ 0.001 χ^2 /NDF: 4818.9/35

Left In: 0.152 $\pm$ 0.001 χ^2 /NDF:1605.0/23

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.352 ± 0.009 χ^2/NDF : 2469.4/13

Left Out: -0.142 ± 0.008 χ^2/NDF : 456.4/24

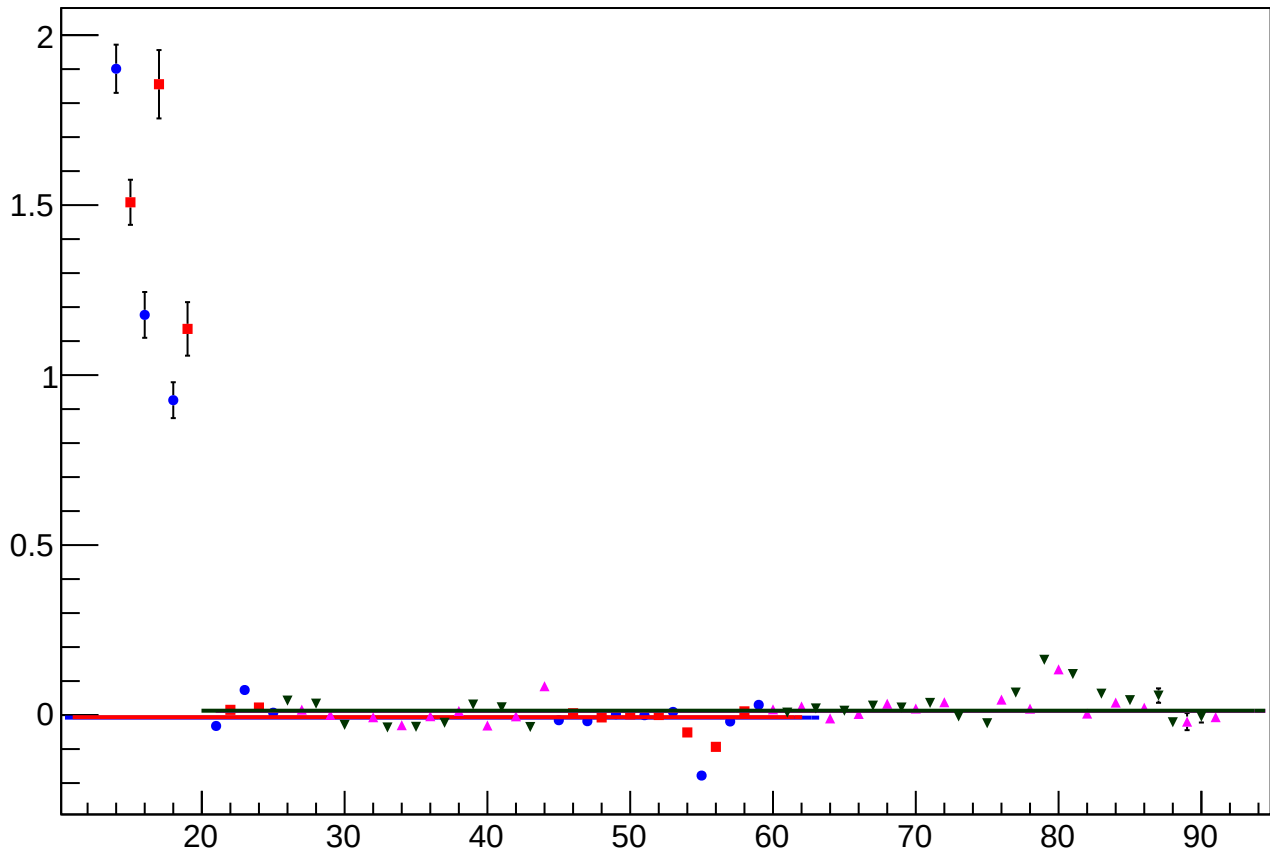
Right Out: -0.298 ± 0.011 χ^2/NDF : 999.4/11

Left In: -0.176 ± 0.008 χ^2/NDF : 184.3/23

-0.233 ± 0.006 χ^2/NDF : 3217.0/38

-0.218 ± 0.006 χ^2/NDF : 1271.7/35

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.007 ± 0.002 χ^2/NDF : 2206.0/13

Left Out: 0.013 ± 0.001 χ^2/NDF : 895.6/24

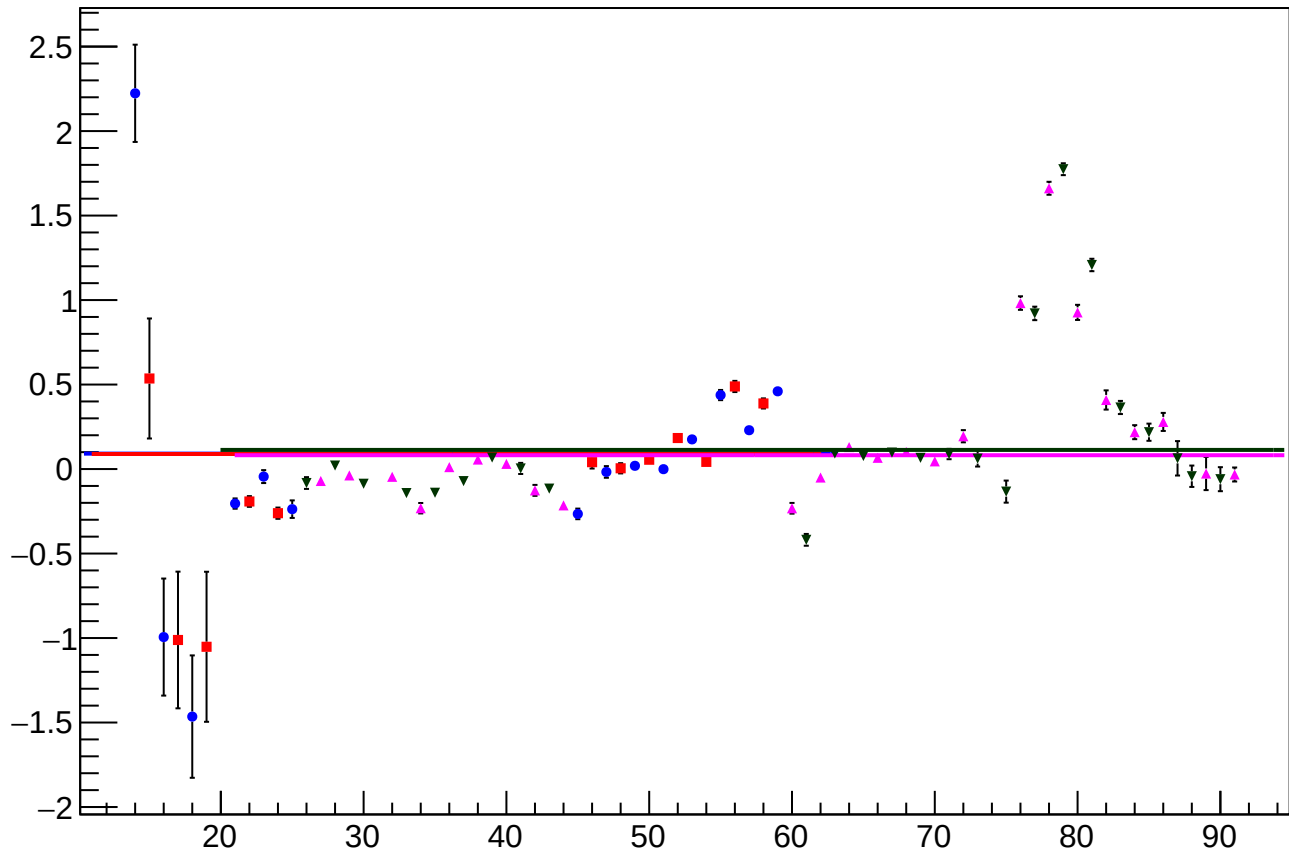
0.005 ± 0.001 χ^2/NDF : 3180.2/38

Right Out: -0.006 ± 0.002 χ^2/NDF : 1335.4/11

0.005 ± 0.001 χ^2/NDF : 1871.3/35

Left In: 0.012 ± 0.001 χ^2/NDF : 480.9/23

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: 0.113+/-0.006 χ^2/NDF : 4245.8/24

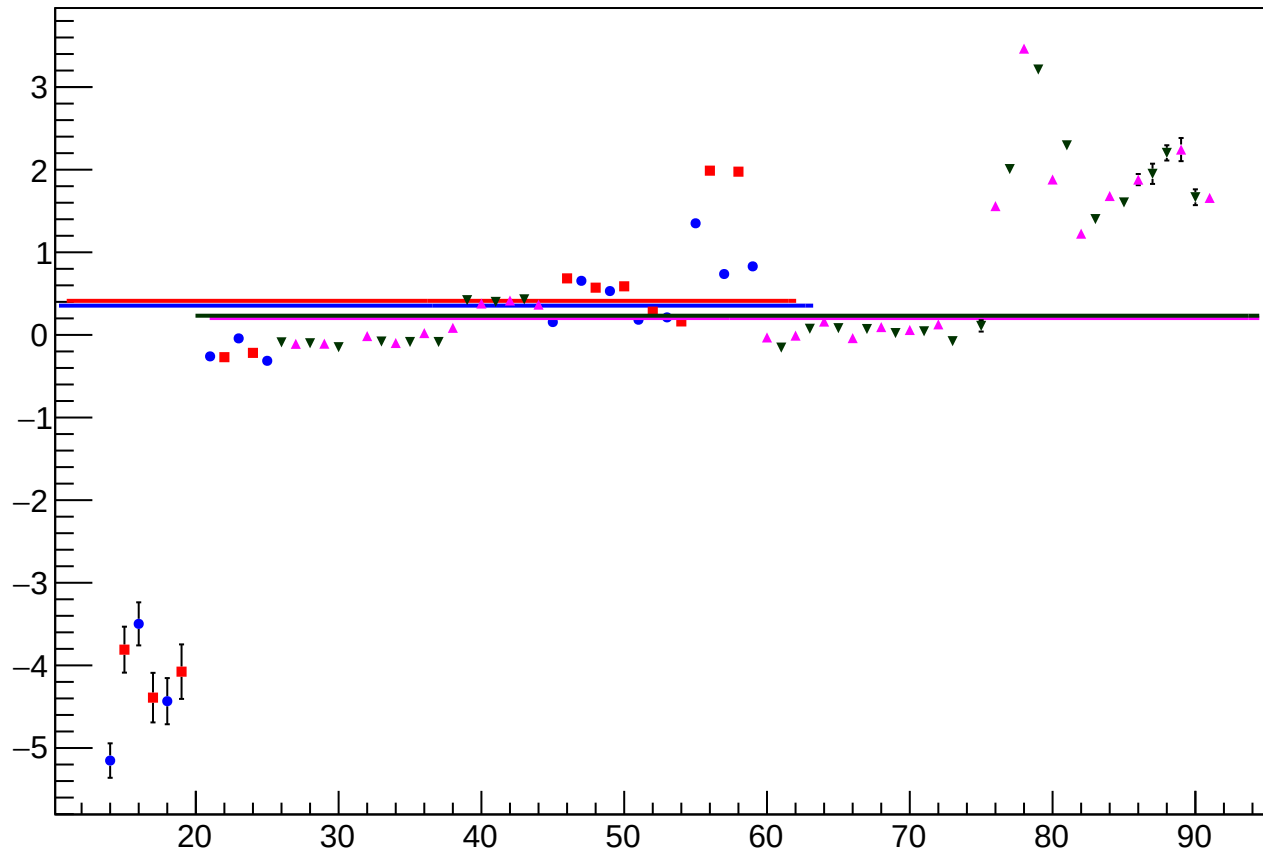
Right Out: 0.089+/-0.010 χ^2/NDF : 481.7/11

Left In: 0.082+/-0.006 χ^2/NDF : 3133.1/23

0.105+/-0.005 χ^2/NDF : 5059.1/38

0.084+/-0.005 χ^2/NDF : 3615.2/35

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.355 $\pm$ 0.007 χ^2 /NDF: 4489.7/13

Left Out: 0.232 $\pm$ 0.006 χ^2 /NDF:12978.3/24

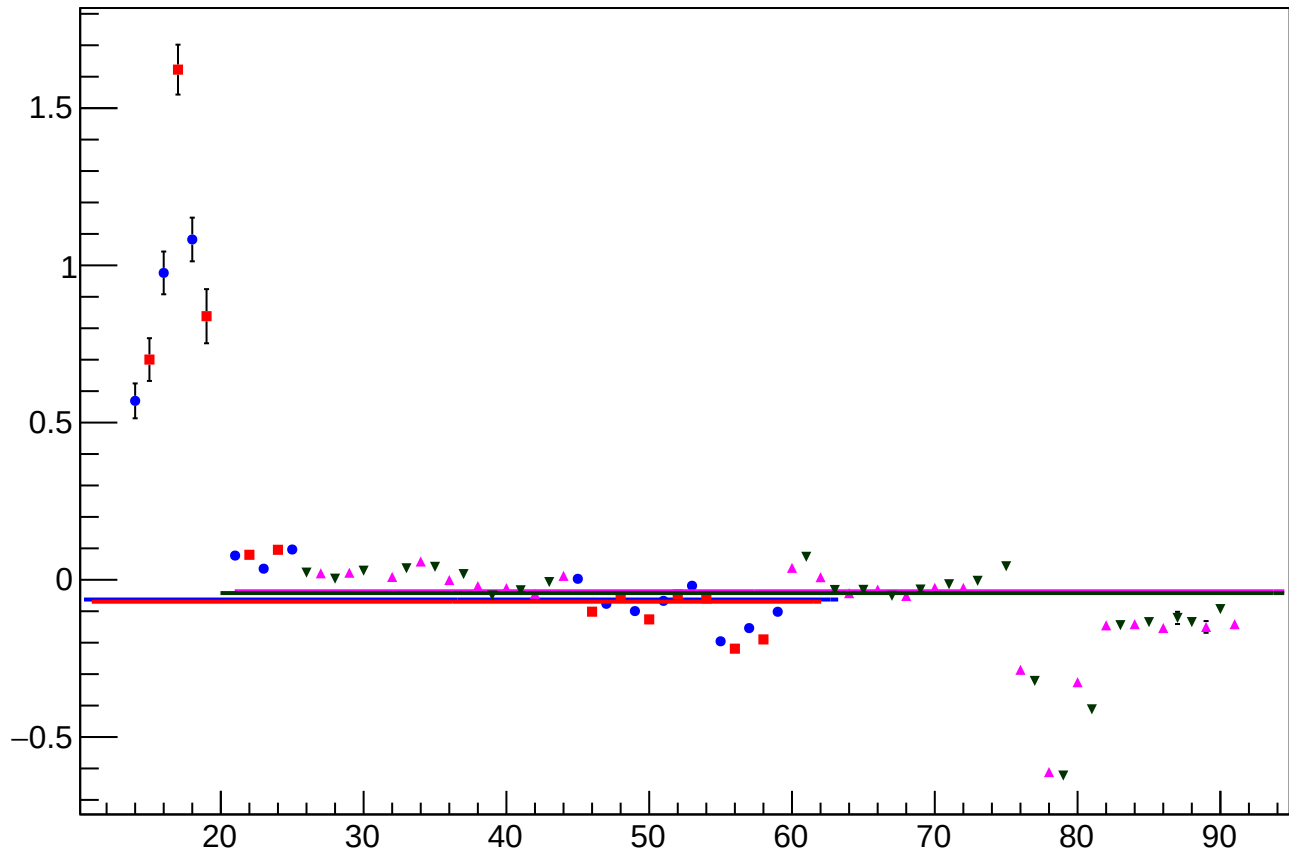
Right Out: 0.413 $\pm$ 0.007 χ^2 /NDF: 6818.0/11

Left In: 0.204 $\pm$ 0.005 χ^2 /NDF:11305.7/23

0.285 $\pm$ 0.004 χ^2 /NDF: 17664.3/38

0.275 $\pm$ 0.004 χ^2 /NDF: 18651.4/35

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: -0.042 ± 0.001 χ^2/NDF : 12985.8/24

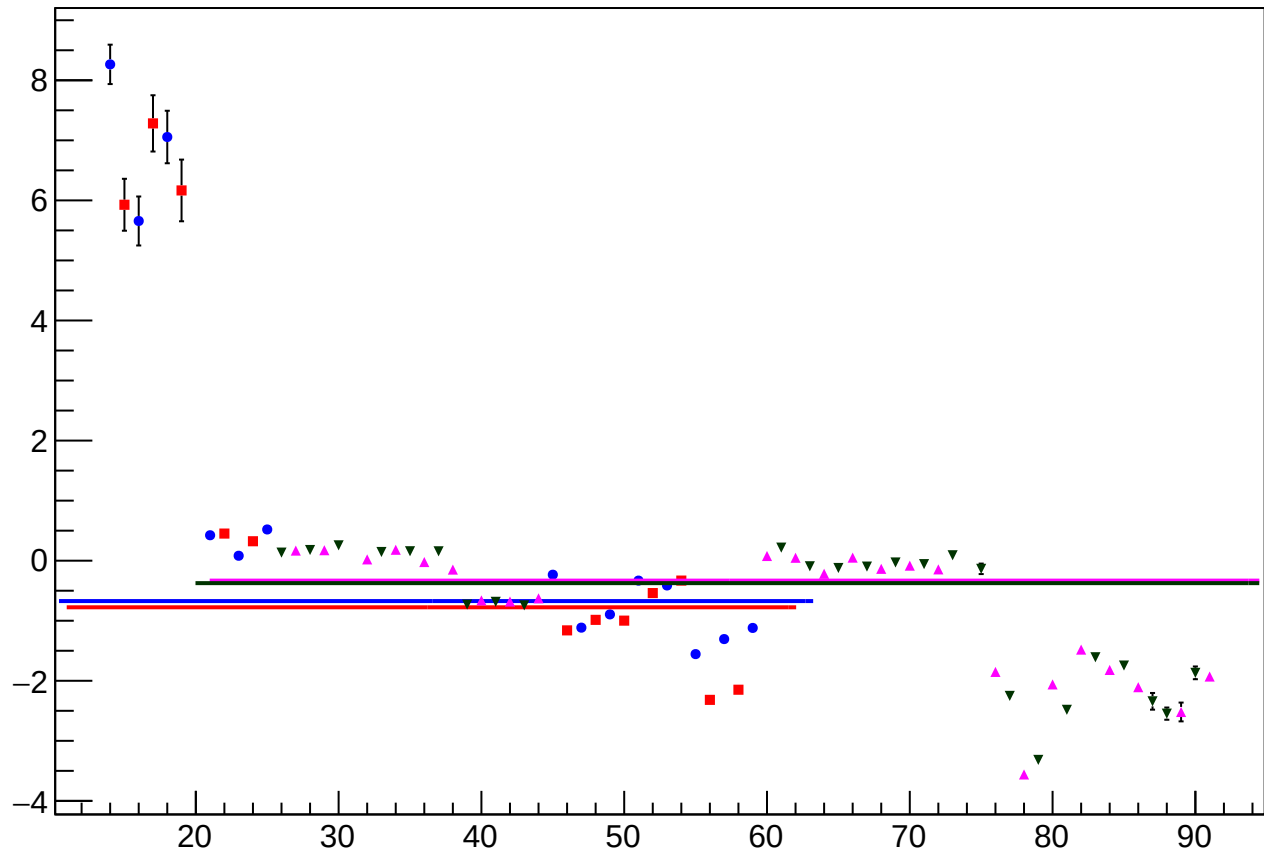
Right Out: -0.070 ± 0.002 χ^2/NDF : 3532.0/11

Left In: -0.036 ± 0.001 χ^2/NDF : 9998.5/23

-0.049 ± 0.001 χ^2/NDF : 16428.4/38

-0.045 ± 0.001 χ^2/NDF : 13833.8/35

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.672 ± 0.010 $\chi^2/\text{NDF}: 4692.3/13$

Left Out: -0.374 ± 0.008 $\chi^2/\text{NDF}: 10451.2/24$

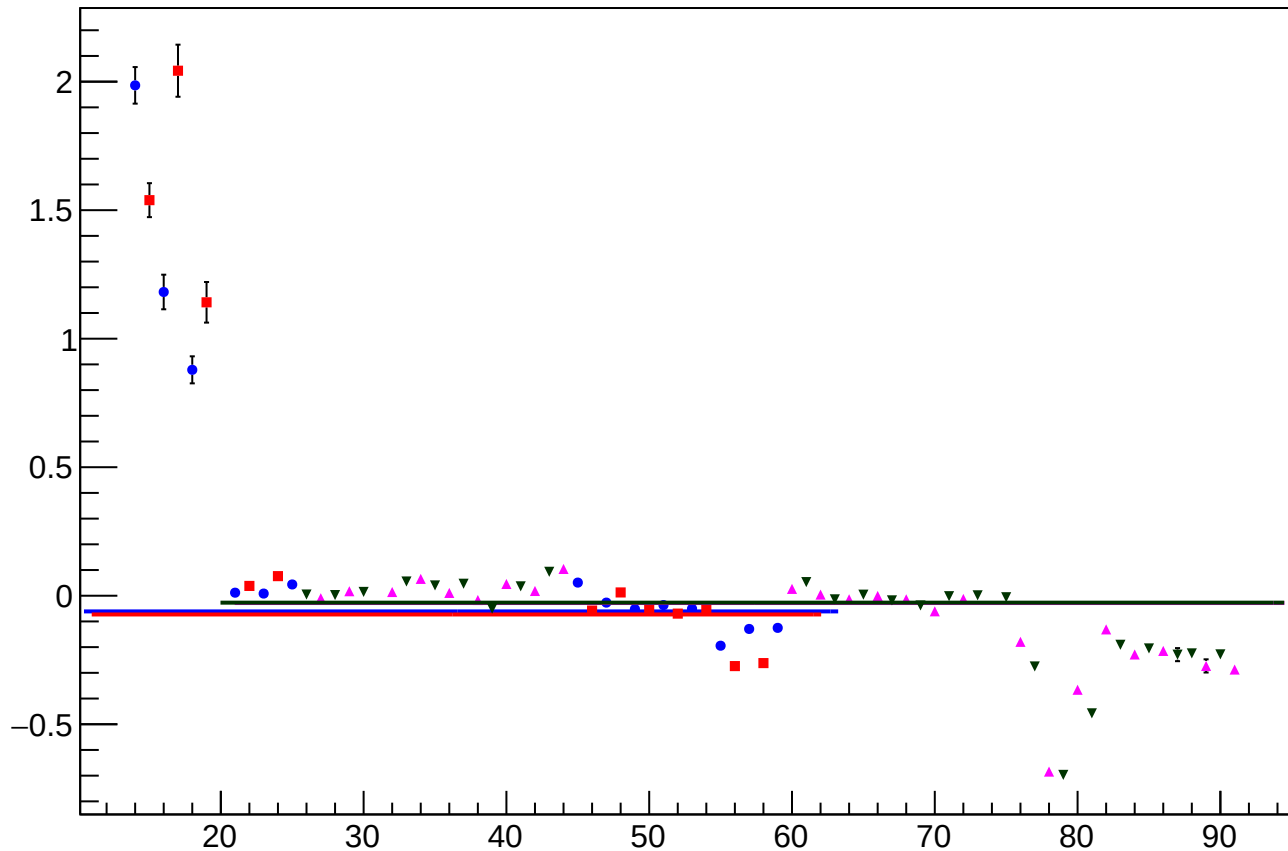
Right Out: -0.776 ± 0.011 $\chi^2/\text{NDF}: 6073.4/11$

Left In: -0.332 ± 0.008 $\chi^2/\text{NDF}: 9138.3/23$

-0.498 ± 0.006 $\chi^2/\text{NDF}: 15663.3/38$

-0.477 ± 0.007 $\chi^2/\text{NDF}: 16234.6/35$

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.061 ± 0.002 χ^2/NDF : 2677.1/13

Left Out: -0.027 ± 0.001 χ^2/NDF : 7866.8/24

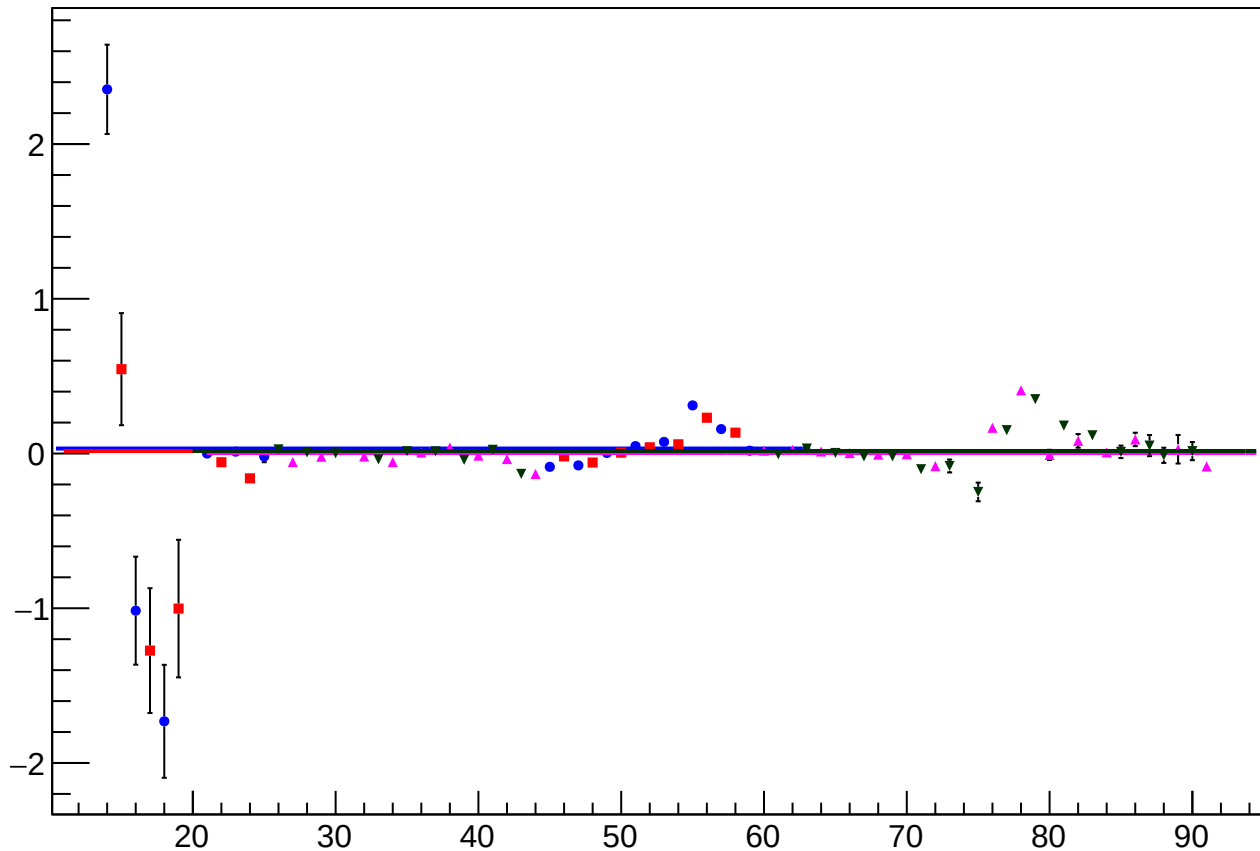
Right Out: -0.073 ± 0.002 χ^2/NDF : 3862.5/11

Left In: -0.028 ± 0.002 χ^2/NDF : 6309.3/23

-0.040 ± 0.001 χ^2/NDF : 10738.7/38

-0.043 ± 0.001 χ^2/NDF : 10462.5/35

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.032 $\pm$ 0.006 χ^2 /NDF: 339.4/13

Left Out: 0.016 $\pm$ 0.005 χ^2 /NDF: 454.3/24

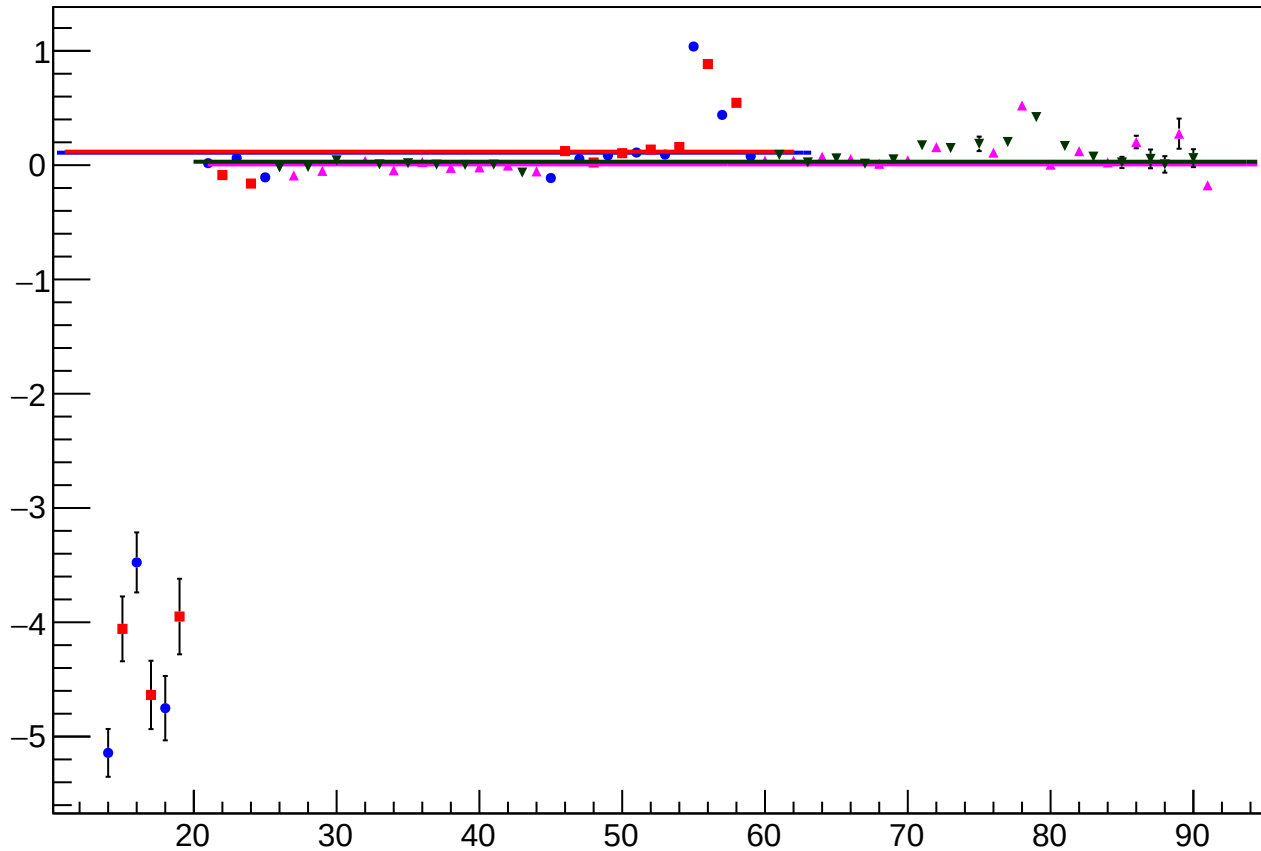
Right Out: 0.016 $\pm$ 0.007 χ^2 /NDF: 199.3/11

Left In: 0.003 $\pm$ 0.004 χ^2 /NDF: 430.0/23

0.022 $\pm$ 0.004 χ^2 /NDF: 798.0/38

0.007 $\pm$ 0.004 χ^2 /NDF: 631.7/35

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.109 $\pm$ 0.005 χ^2 /NDF: 3234.6/13

Left Out: 0.030 $\pm$ 0.004 χ^2 /NDF:380.3/24

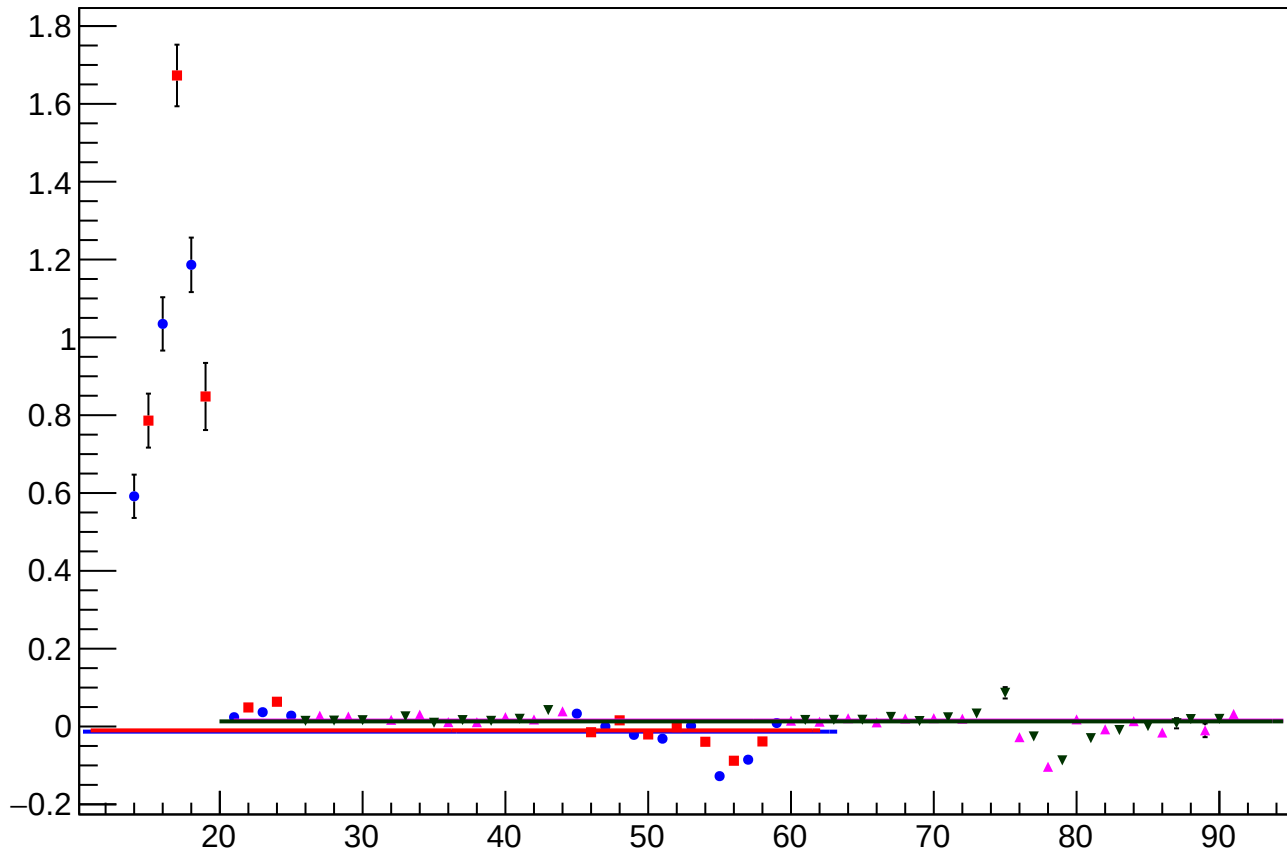
Right Out: 0.118 $\pm$ 0.005 χ^2 /NDF: 2057.5/11

Left In: 0.007 $\pm$ 0.004 χ^2 /NDF:511.5/23

0.065 $\pm$ 0.003 χ^2 /NDF: 3766.3/38

0.046 $\pm$ 0.003 χ^2 /NDF: 2843.0/35

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.013 ± 0.001 $\chi^2/\text{NDF}: 2323.5/13$

Left Out: 0.013 ± 0.001 $\chi^2/\text{NDF}: 839.8/24$

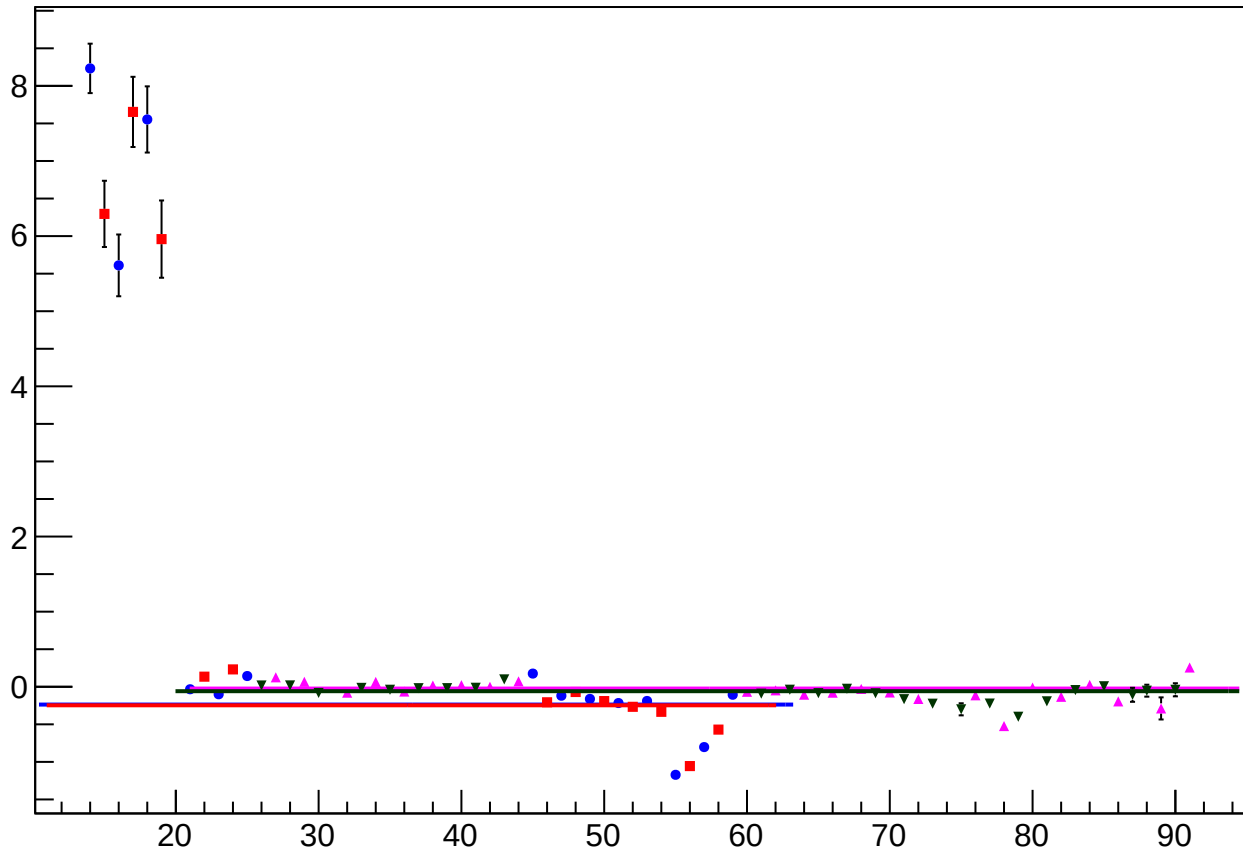
Right Out: -0.010 ± 0.001 $\chi^2/\text{NDF}: 1661.8/11$

Left In: 0.015 ± 0.001 $\chi^2/\text{NDF}: 848.6/23$

0.004 ± 0.001 $\chi^2/\text{NDF}: 3555.6/38$

0.008 ± 0.001 $\chi^2/\text{NDF}: 2823.8/35$

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: -0.059+/-0.006 χ^2/NDF : 254.1/24

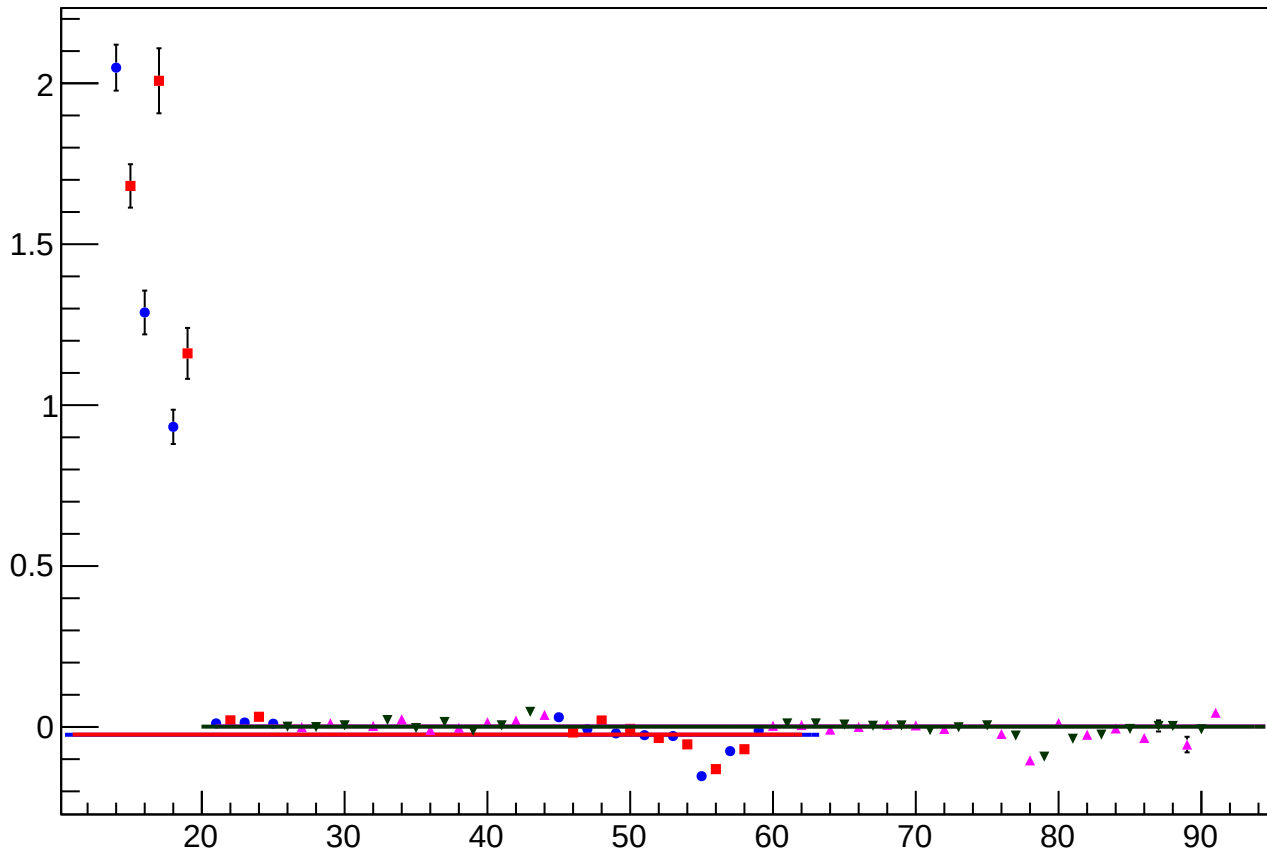
Right Out: -0.247+/-0.008 χ^2/NDF : 2019.7/11

Left In: -0.024+/-0.006 χ^2/NDF : 403.5/23

-0.135+/-0.005 χ^2/NDF : 4095.2/38

-0.100+/-0.005 χ^2/NDF : 2884.0/35

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: 0.001+/-0.001 χ^2/NDF : 385.8/24

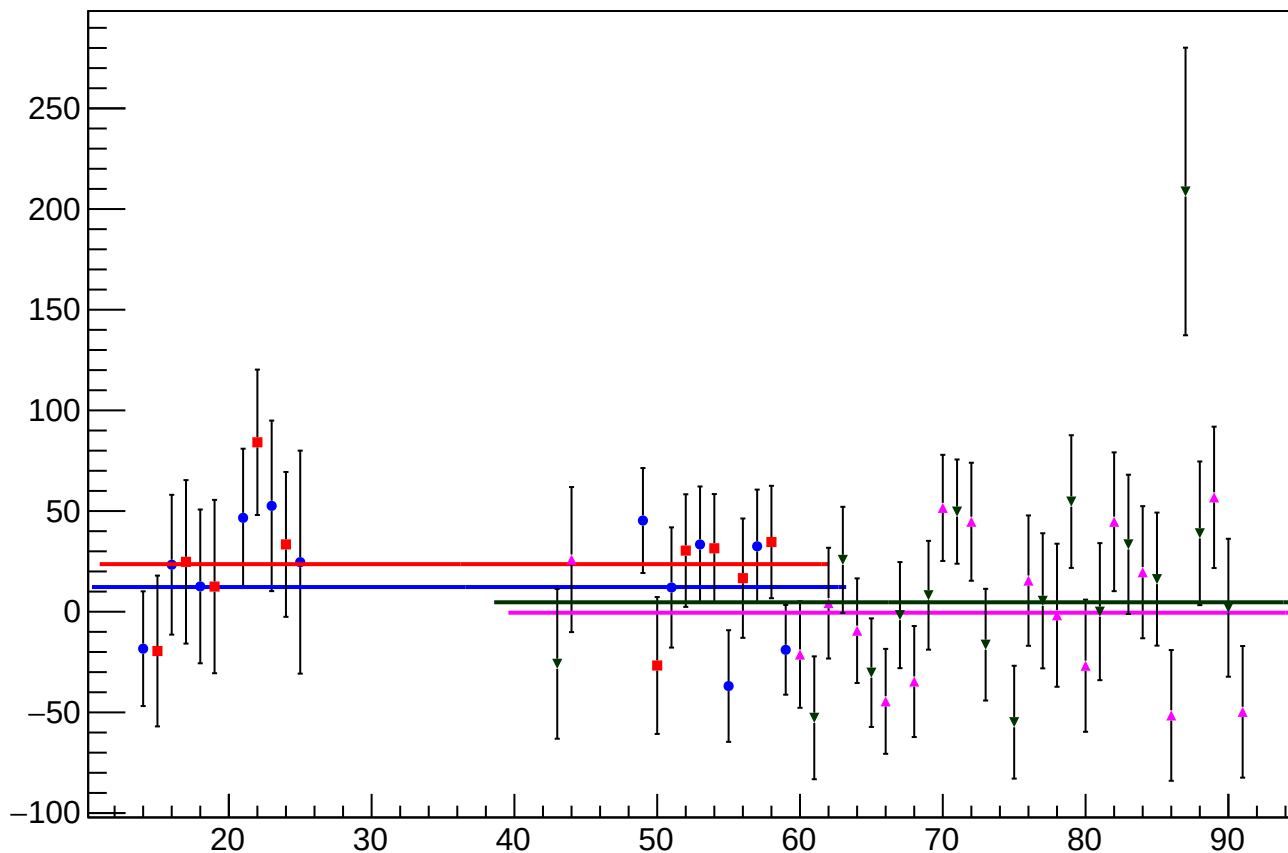
-0.009+/-0.001 χ^2/NDF : 3108.8/38

Right Out: -0.024+/-0.002 χ^2/NDF : 2078.5/11

-0.007+/-0.001 χ^2/NDF : 2645.5/35

Left In: 0.002+/-0.001 χ^2/NDF : 393.6/23

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 12.263 ± 8.820 χ^2/NDF : 11.0/11

Left Out: 4.690 ± 7.507 χ^2/NDF : 26.9/16

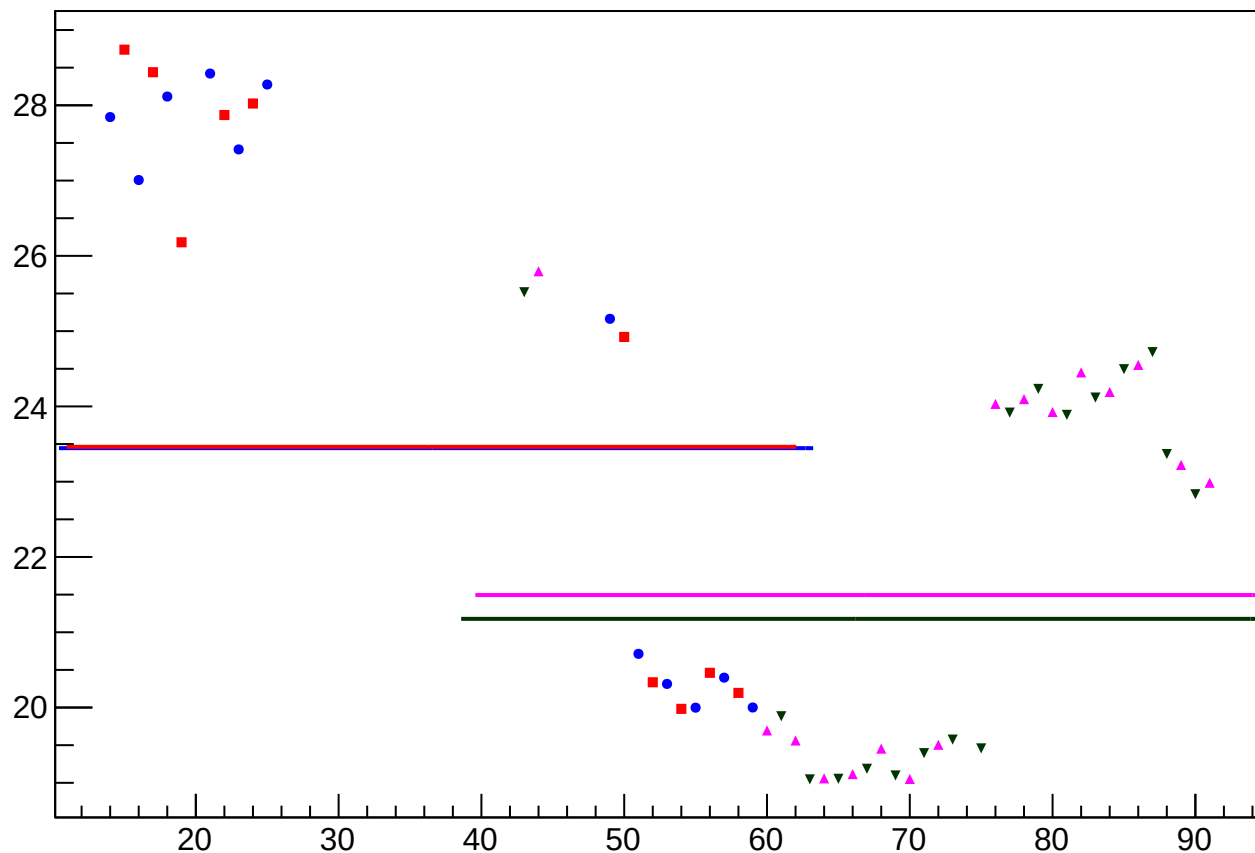
Right Out: 23.629 ± 10.346 χ^2/NDF : 6.8/9

Left In: -0.490 ± 7.551 χ^2/NDF : 22.4/15

7.872 ± 5.717 χ^2/NDF : 38.4/28

7.893 ± 6.100 χ^2/NDF : 32.7/25

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 23.446+/-0.006 χ^2 /NDF: 324652.2/11

Left Out: 21.178+/-0.005 χ^2 /NDF:198216.9/16

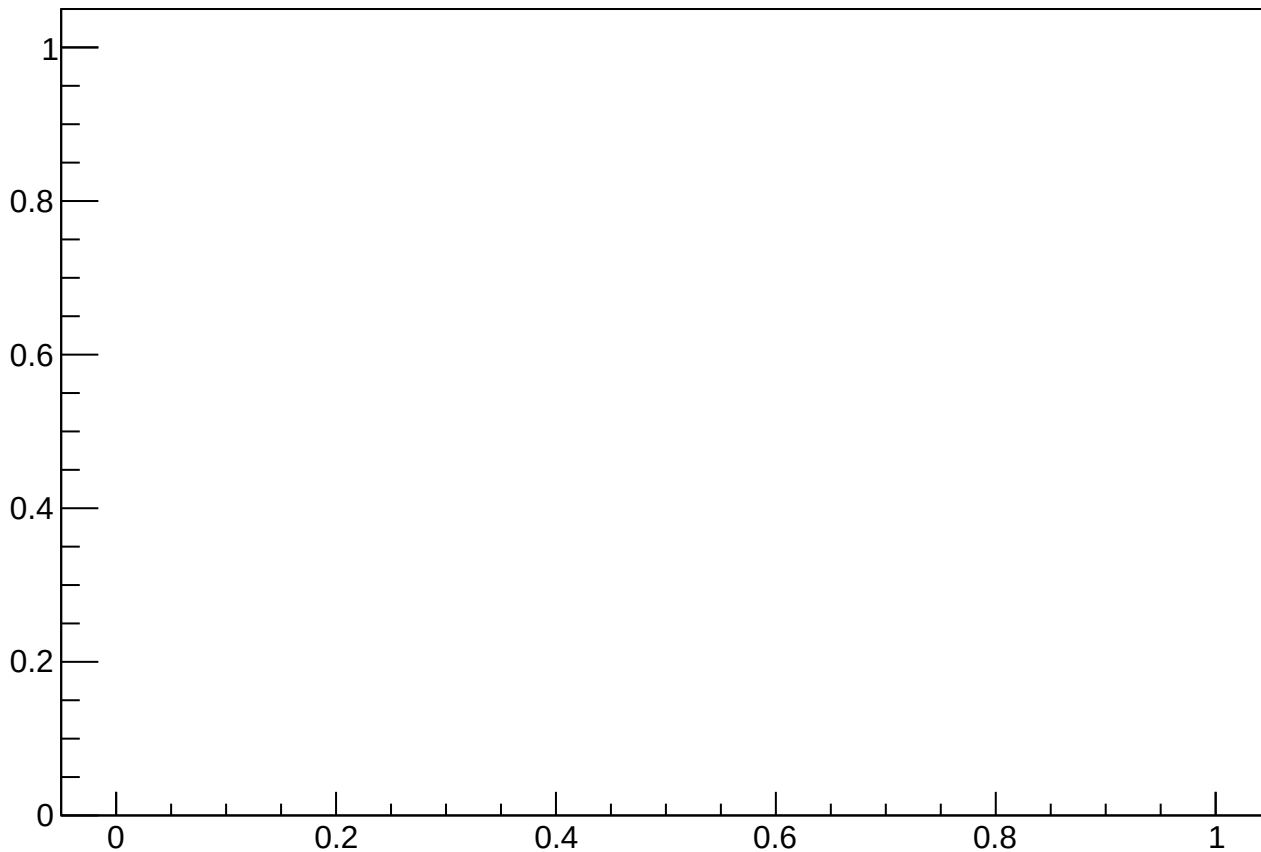
Right Out: 23.464+/-0.007 χ^2 /NDF: 249638.2/9

Left In: 21.495+/-0.005 χ^2 /NDF:208203.9/15

22.131+/-0.004 χ^2 /NDF: 599526.2/28

22.179+/-0.004 χ^2 /NDF: 505105.2/25

bcm_dg_us_dg_ds_avg_mean vs slug



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

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

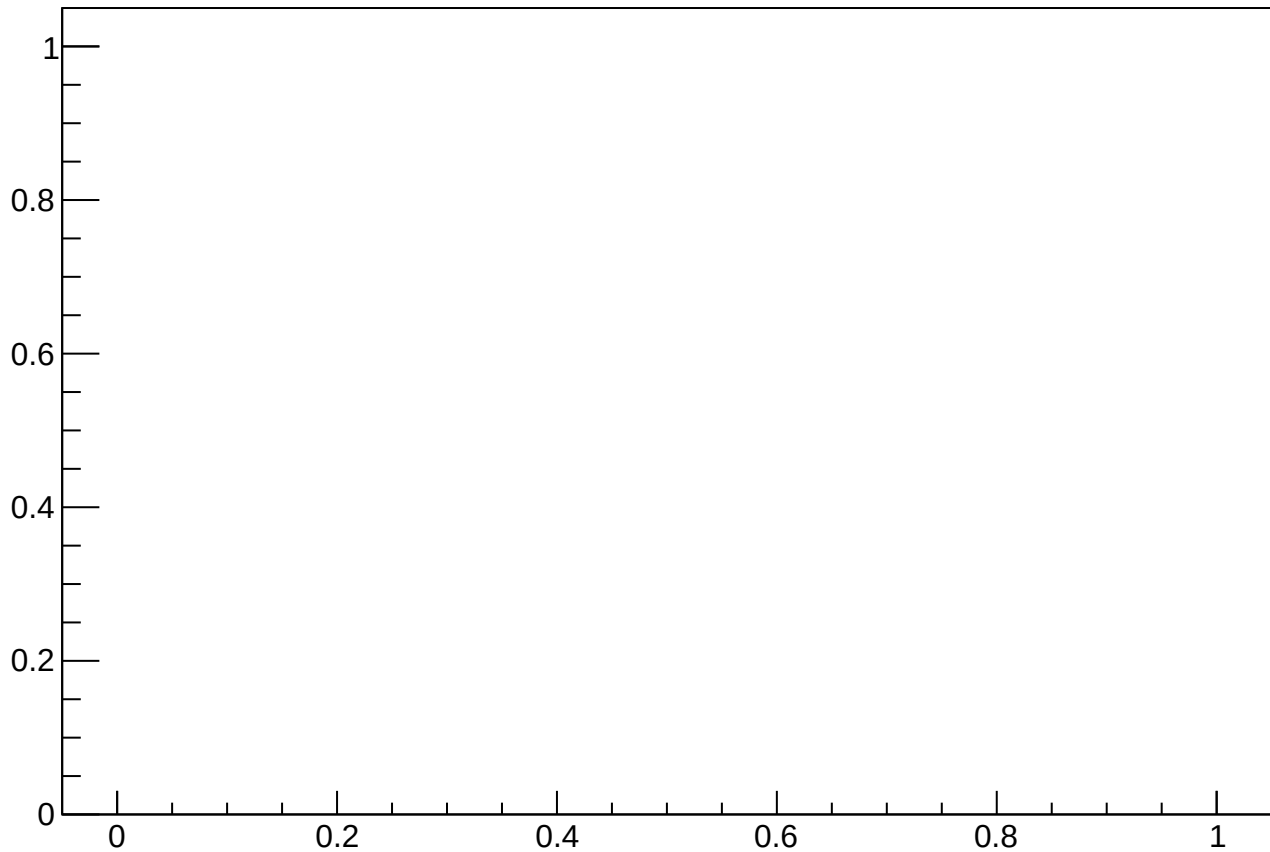
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

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

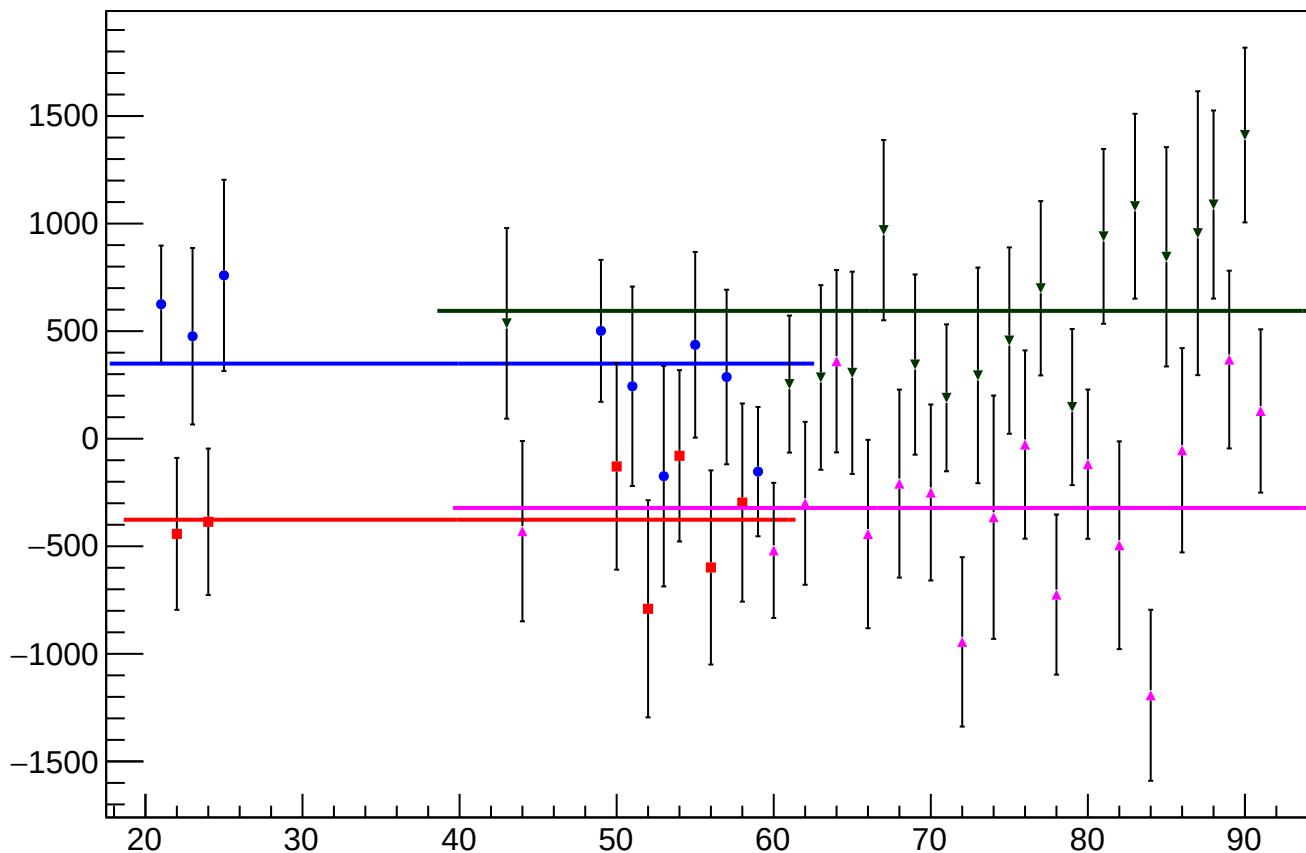
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 349.163 ± 124.407 $\chi^2/\text{NDF}: 6.1/8$

Left Out: 594.282 ± 101.649 $\chi^2/\text{NDF}: 14.5/16$

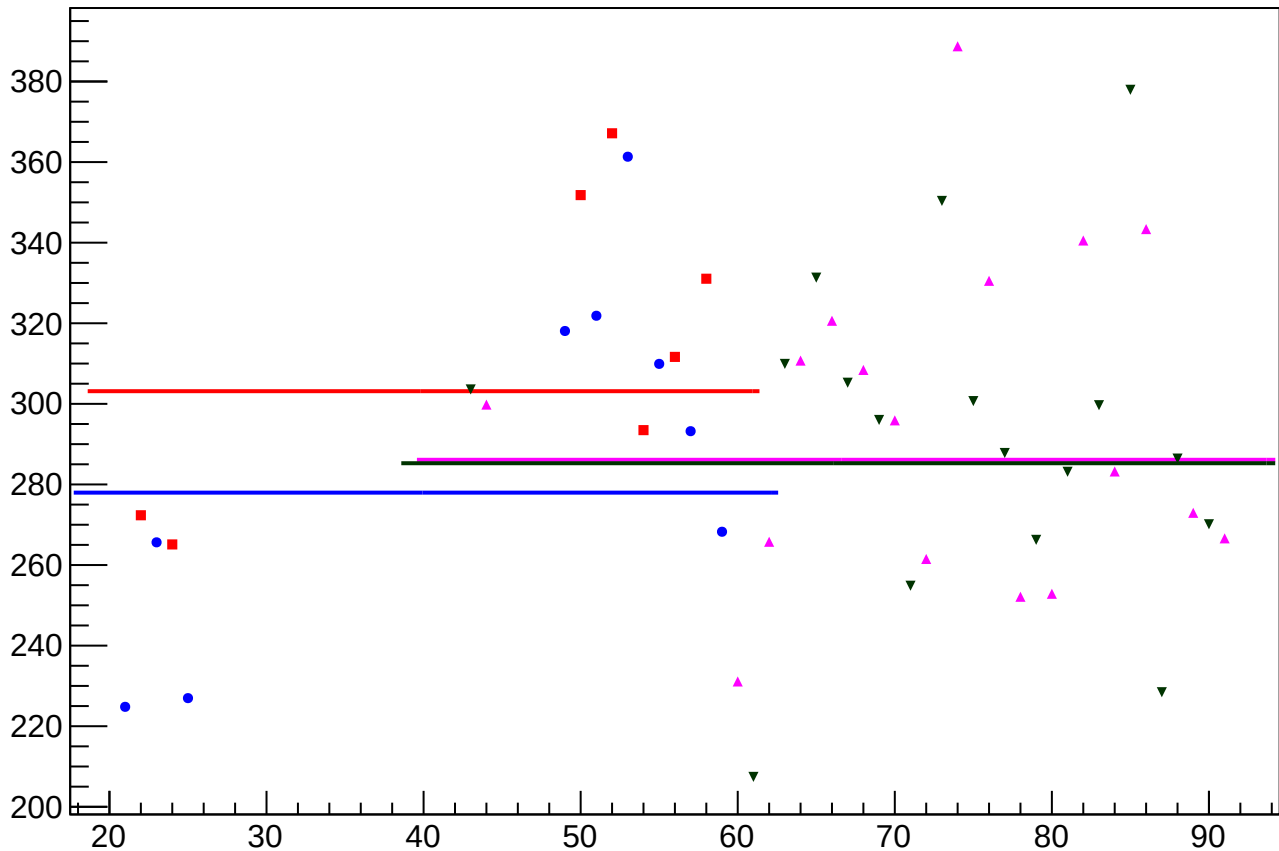
Right Out: -376.554 ± 156.457 $\chi^2/\text{NDF}: 1.8/6$

Left In: -321.833 ± 98.549 $\chi^2/\text{NDF}: 17.1/16$

496.151 ± 78.715 $\chi^2/\text{NDF}: 23.0/25$

-337.376 ± 83.386 $\chi^2/\text{NDF}: 19.0/23$

asym_us_agg_avg_rms vs slug



Right In: 277.968 $\pm$ 0.088 χ^2 /NDF: 220486.8/8

Left Out: 285.265 $\pm$ 0.072 χ^2 /NDF: 298276.1/16

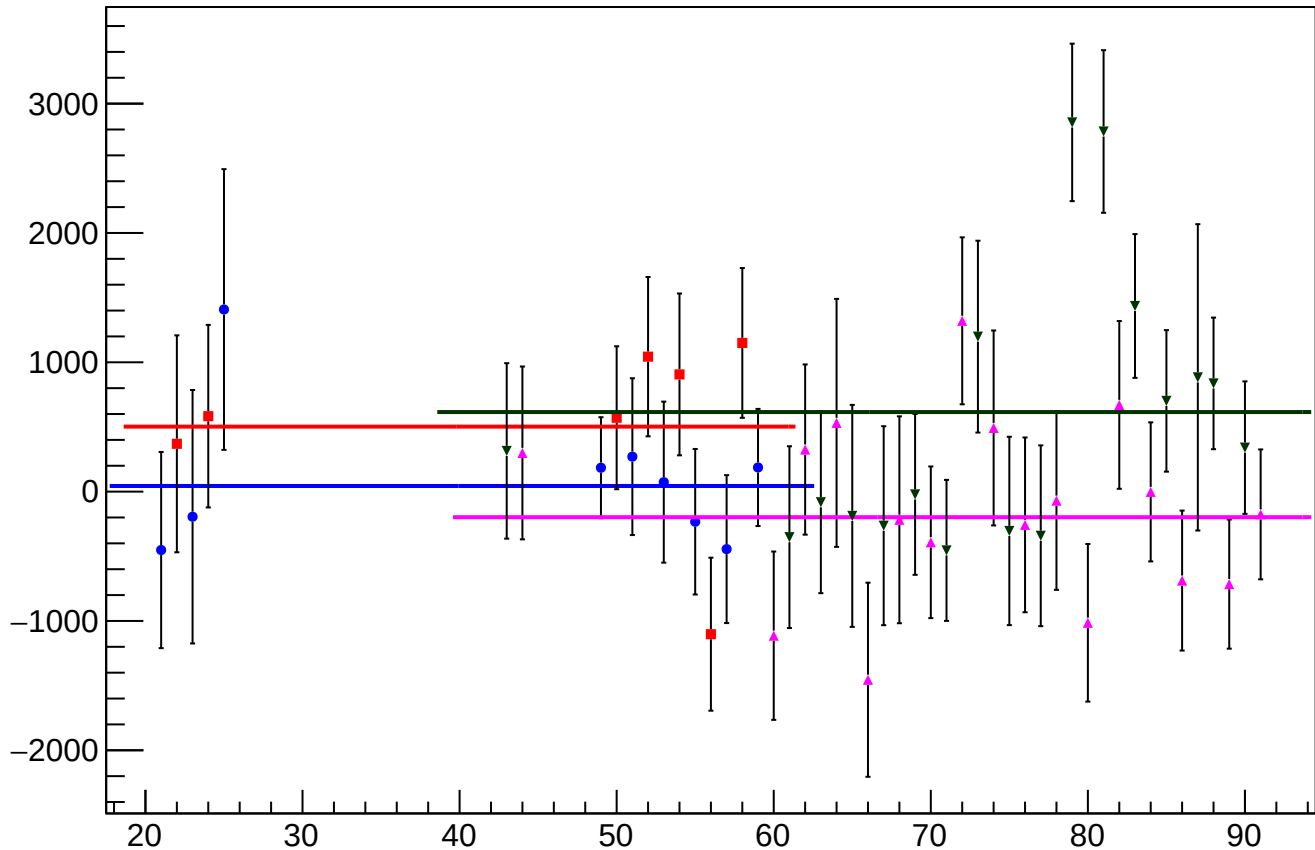
Right Out: 303.143 $\pm$ 0.111 χ^2 /NDF: 102147.6/6

Left In: 286.118 $\pm$ 0.070 χ^2 /NDF: 285954.8/16

282.344 $\pm$ 0.056 χ^2 /NDF: 522889.4/25

290.954 $\pm$ 0.059 χ^2 /NDF: 405058.4/23

asym_us_agg_dd_mean vs slug



Right In: 43.647 $\pm$ 193.983 χ^2 /NDF: 3.4/8

Left Out: 615.226 $\pm$ 155.873 χ^2 /NDF:42.4/16

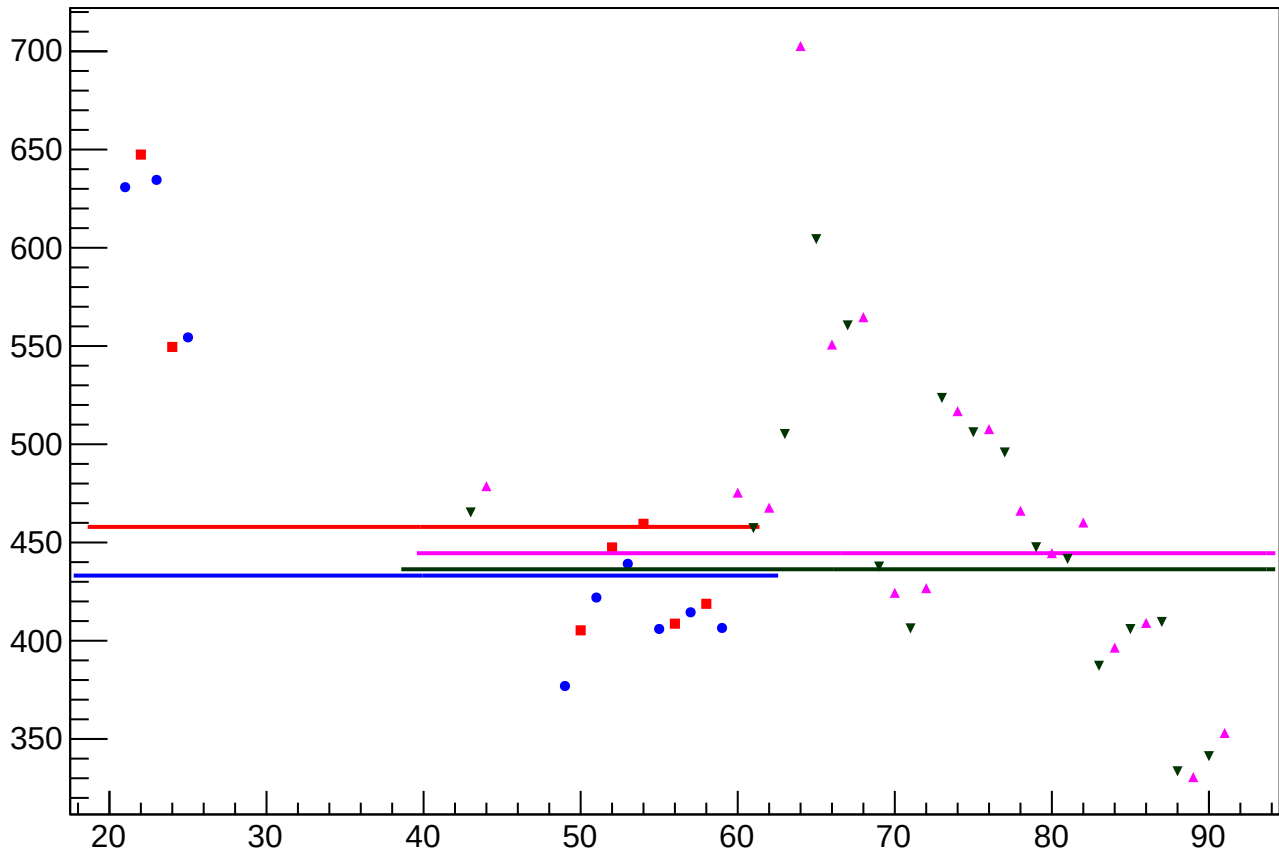
Right Out: 502.585 $\pm$ 237.466 χ^2 /NDF: 9.9/6

Left In: -197.726 $\pm$ 153.177 χ^2 /NDF:18.7/16

390.968 $\pm$ 121.506 χ^2 /NDF: 51.1/25

8.045 $\pm$ 128.721 χ^2 /NDF: 34.7/23

asym_us_agg_dd_rms vs slug



Right In: 433.157+/-0.137 χ^2/NDF : 301252.1/8

Left Out: 436.374+/-0.110 χ^2/NDF : 394171.8/16

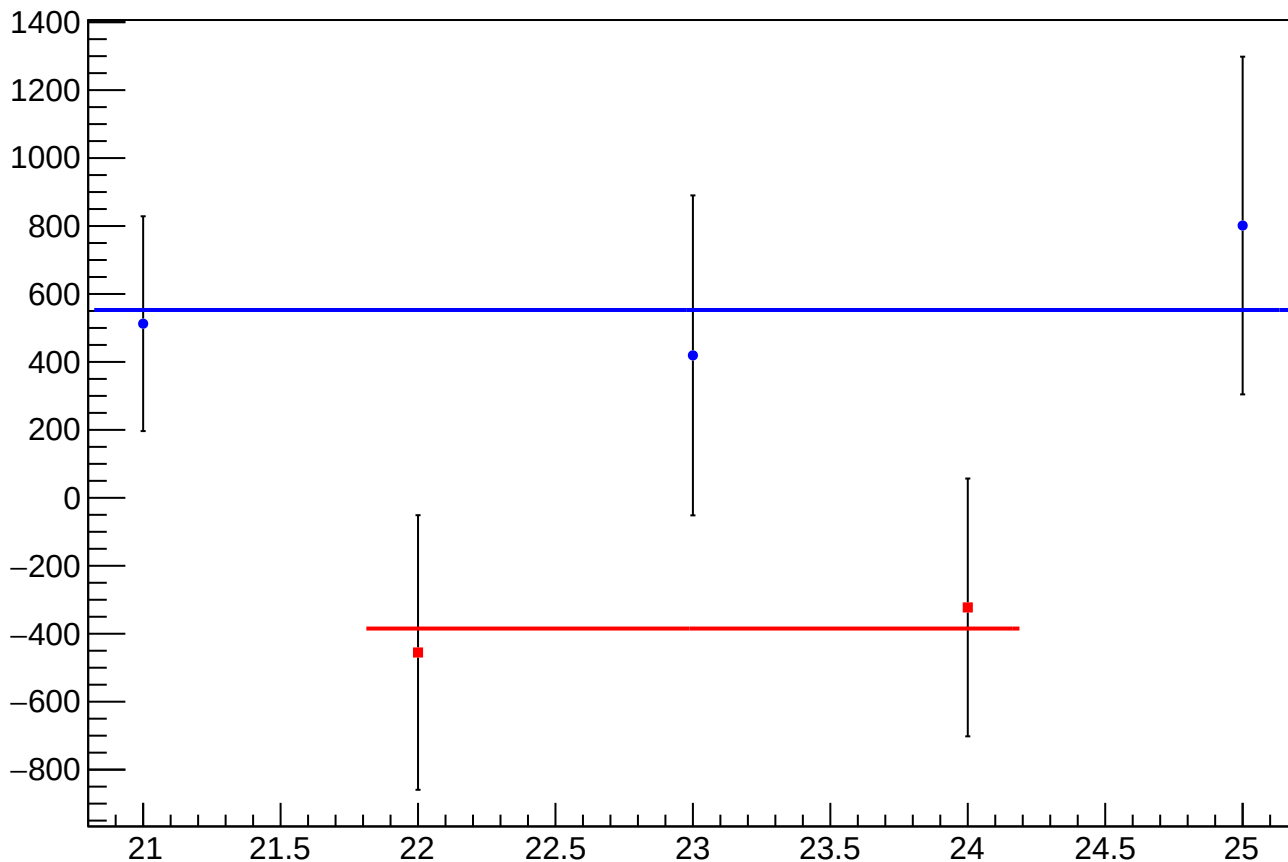
Right Out: 457.937+/-0.168 χ^2/NDF : 177531.8/6

Left In: 444.549+/-0.108 χ^2/NDF : 480411.6/16

435.112+/-0.086 χ^2/NDF : 695758.2/25

448.483+/-0.091 χ^2/NDF : 662432.6/23

asym_ds_agg_avg_mean vs slug



Right In: 552.891+/-232.087 χ^2/NDF : 0.3/2

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

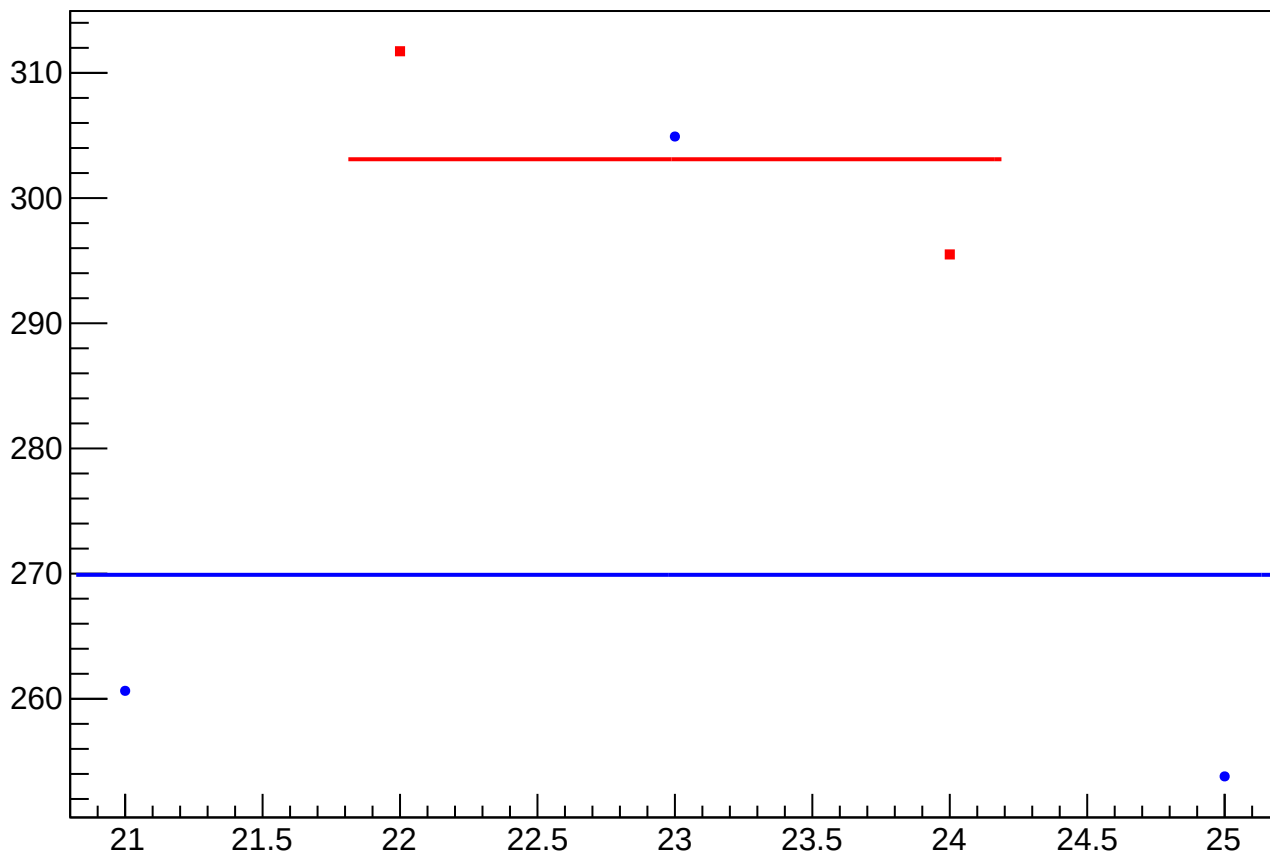
Right Out: -384.707+/-276.605 χ^2/NDF : 0.1/1

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

552.891+/-232.087 χ^2/NDF : 0.3/2

-384.707+/-276.605 χ^2/NDF : 0.1/1

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

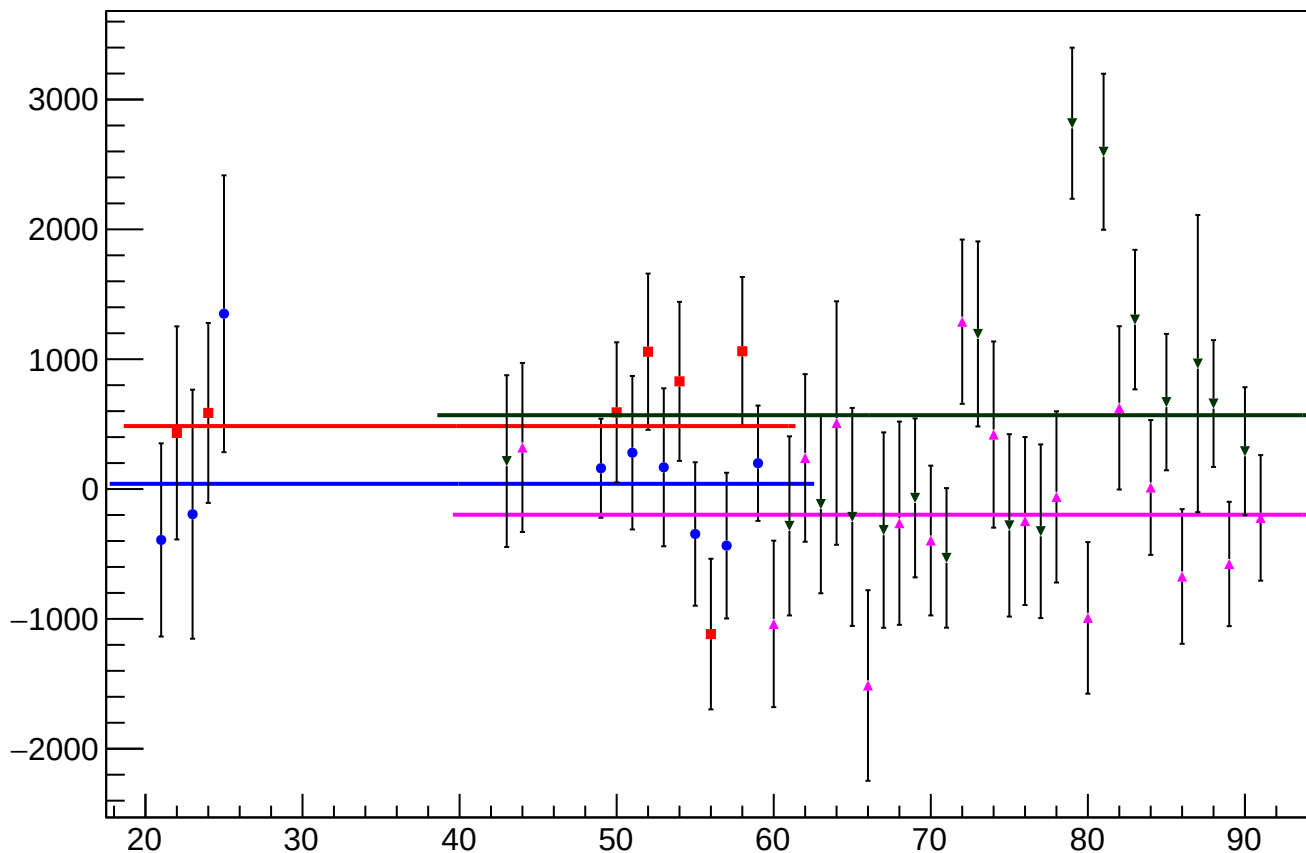
Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

asym_ds_agg_dd_mean vs slug



Right In: 40.318 $\pm$ 189.847 χ^2 /NDF: 3.6/8

Left Out: 568.682 $\pm$ 150.869 χ^2 /NDF: 43.1/16

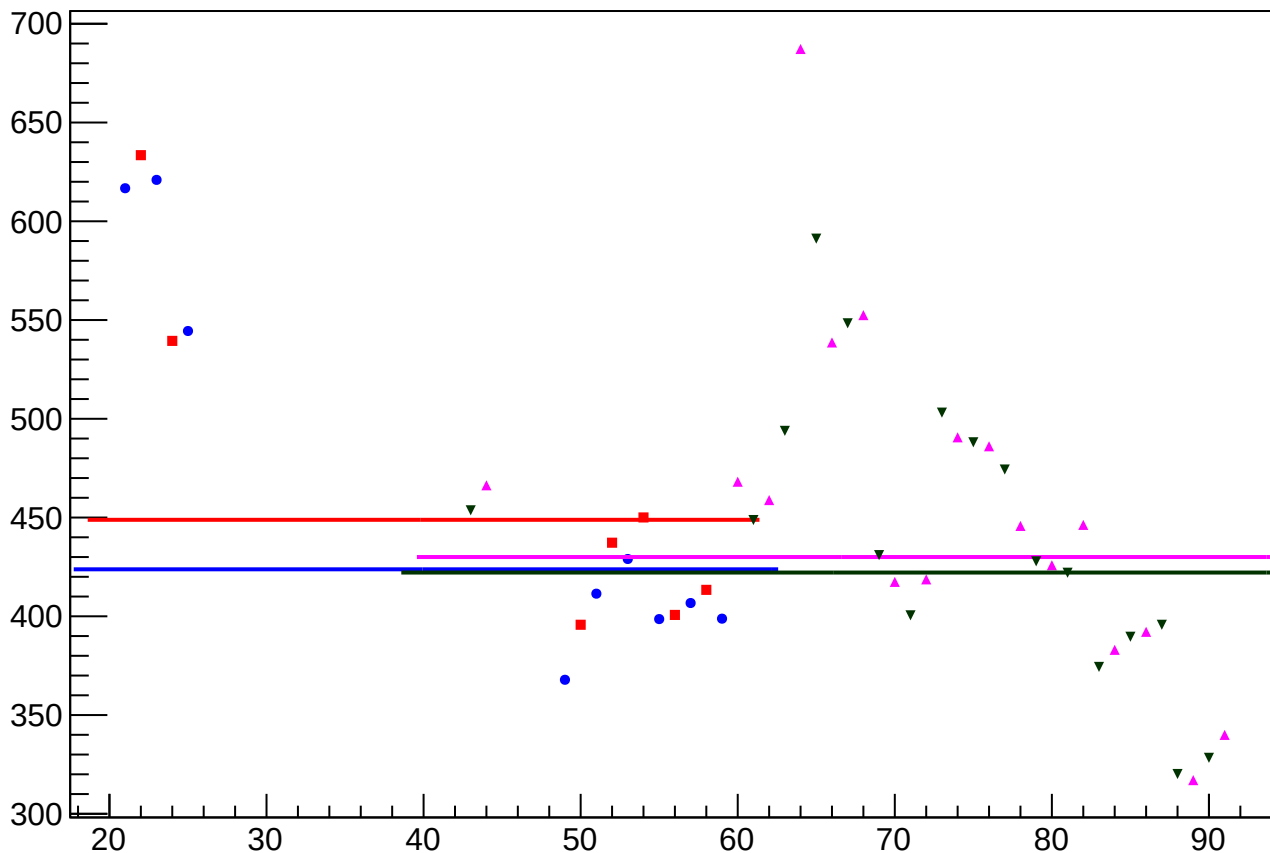
Right Out: 484.815 $\pm$ 232.740 χ^2 /NDF: 9.9/6

Left In: -197.812 $\pm$ 148.272 χ^2 /NDF: 18.2/16

364.164 $\pm$ 118.114 χ^2 /NDF: 51.4/25

-0.744 $\pm$ 125.051 χ^2 /NDF: 34.3/23

asym_ds_agg_dd_rms vs slug



Right In: 423.788 ± 0.134 χ^2/NDF : 301209.7/8

Left Out: 422.786 ± 0.107 χ^2/NDF : 410284.4/16

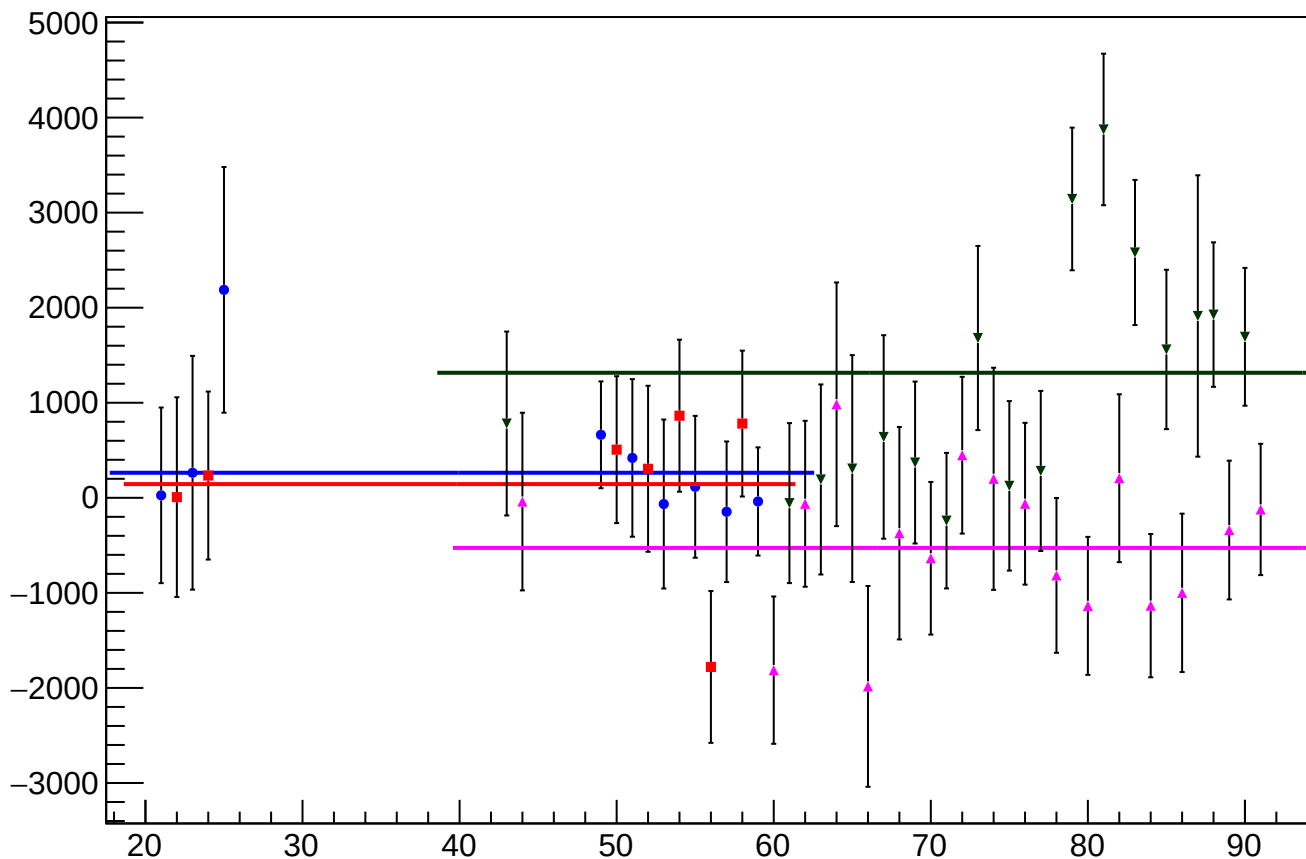
Right Out: 448.852 ± 0.165 χ^2/NDF : 177054.8/6

Left In: 430.011 ± 0.105 χ^2/NDF : 501826.5/16

422.786 ± 0.084 χ^2/NDF : 711585.0/25

435.450 ± 0.088 χ^2/NDF : 688204.4/23

asym_left_agg_avg_mean vs slug



Right In: 263.596+/-257.894 χ^2/NDF : 3.6/8

Left Out: 1315.439+/-209.816 χ^2/NDF : 34.9/16

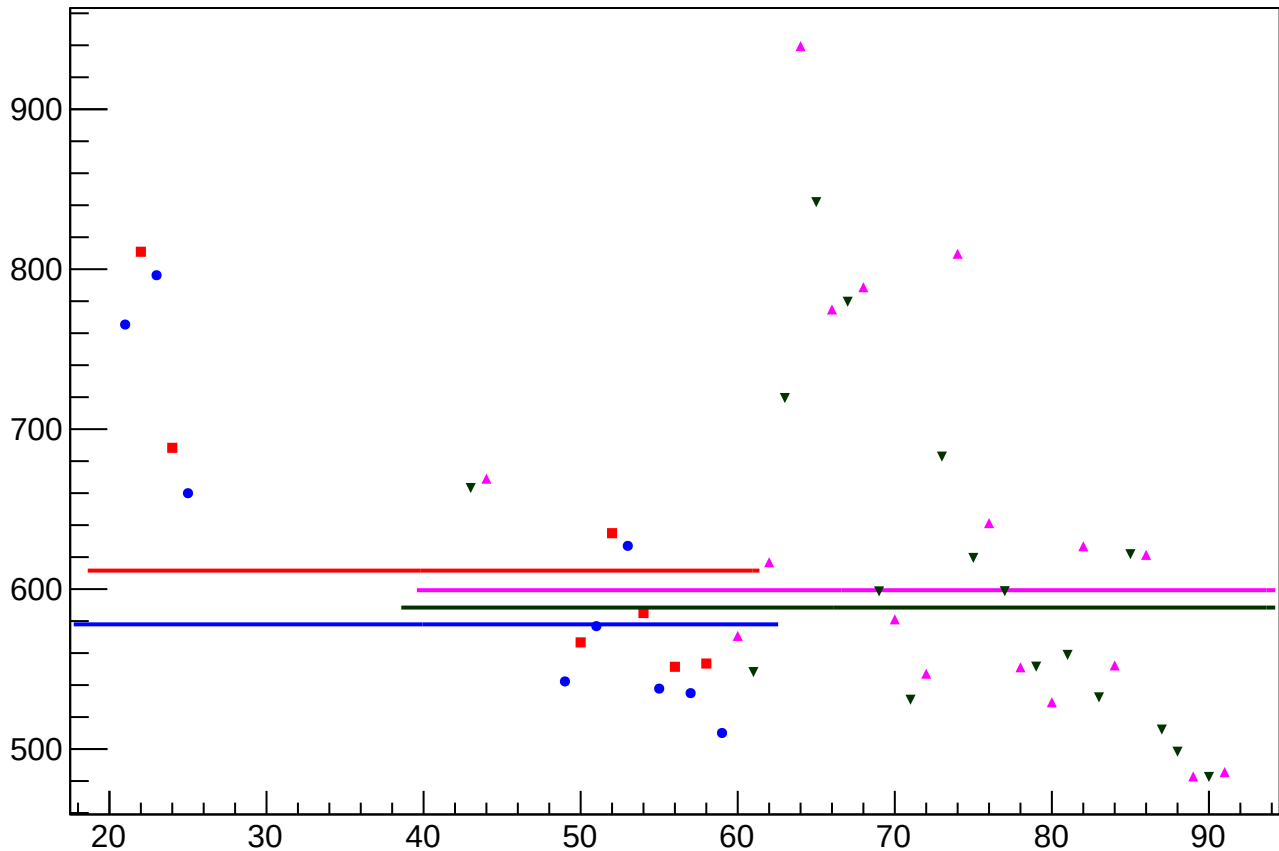
Right Out: 144.200+/-316.155 χ^2/NDF : 7.6/6

Left In: -526.995+/-206.597 χ^2/NDF : 11.6/16

896.511+/-162.755 χ^2/NDF : 48.5/25

-326.148+/-172.945 χ^2/NDF : 22.4/23

asym_left_agg_avg_rms vs slug



Right In: 577.960 ± 0.182 χ^2/NDF : 208660.7/8

Left Out: 588.460 ± 0.148 χ^2/NDF : 337658.1/16

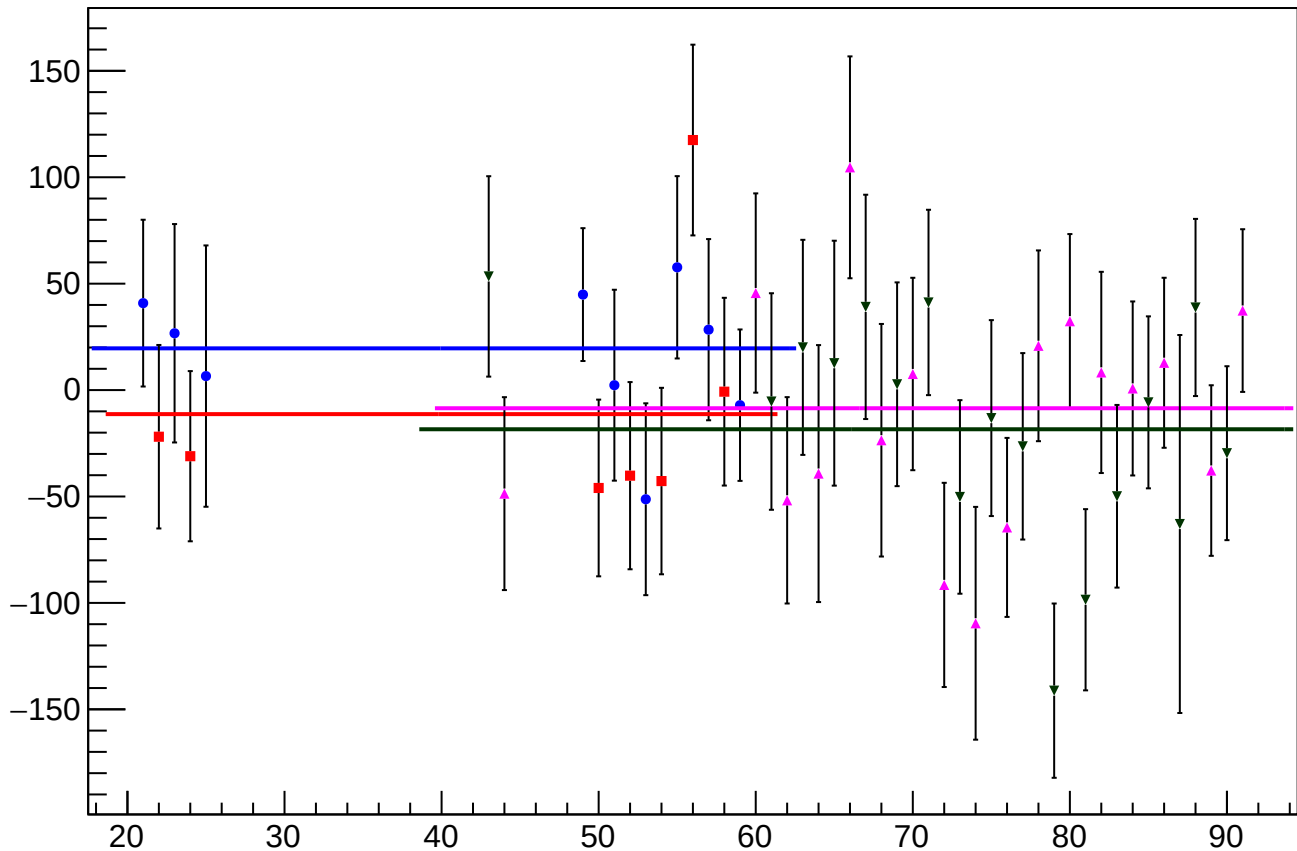
Right Out: 611.564 ± 0.224 χ^2/NDF : 120340.8/6

Left In: 599.316 ± 0.146 χ^2/NDF : 488810.3/16

584.278 ± 0.115 χ^2/NDF : 548313.5/25

602.981 ± 0.122 χ^2/NDF : 611254.4/23

asym_left_agg_dd_mean vs slug



Right In: 19.607 $\pm$ 13.868 χ^2 /NDF: 5.0/8

Left Out: -18.409 $\pm$ 11.224 χ^2 /NDF:22.4/16

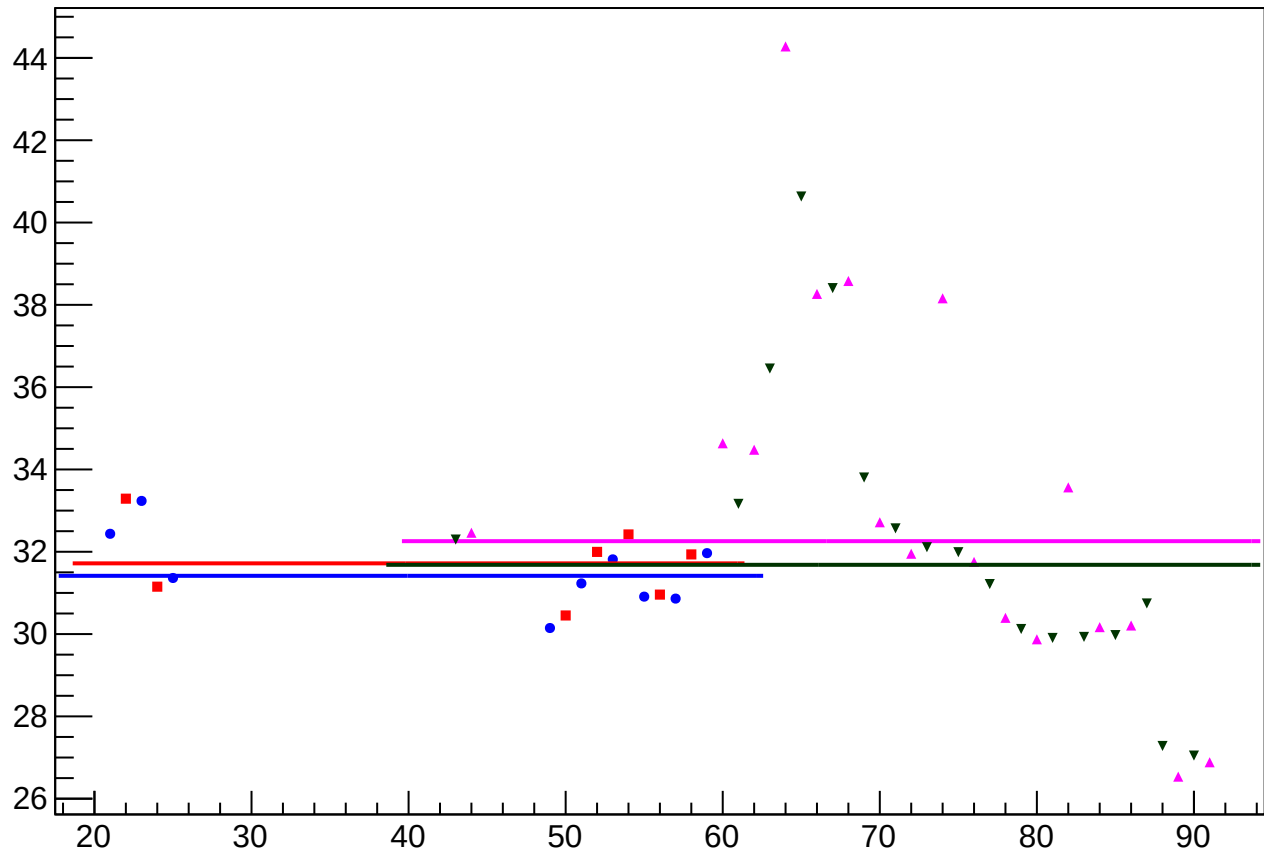
Right Out: -11.297 $\pm$ 16.235 χ^2 /NDF: 10.3/6

Left In: -8.535 $\pm$ 11.014 χ^2 /NDF:20.1/16

-3.363 $\pm$ 8.724 χ^2 /NDF: 32.0/25

-9.406 $\pm$ 9.114 χ^2 /NDF: 30.4/23

asym_left_agg_dd_rms vs slug



Right In: 31.416+/-0.010 χ^2/NDF : 8468.2/8

Left Out: 31.683+/-0.008 χ^2/NDF :167680.4/16

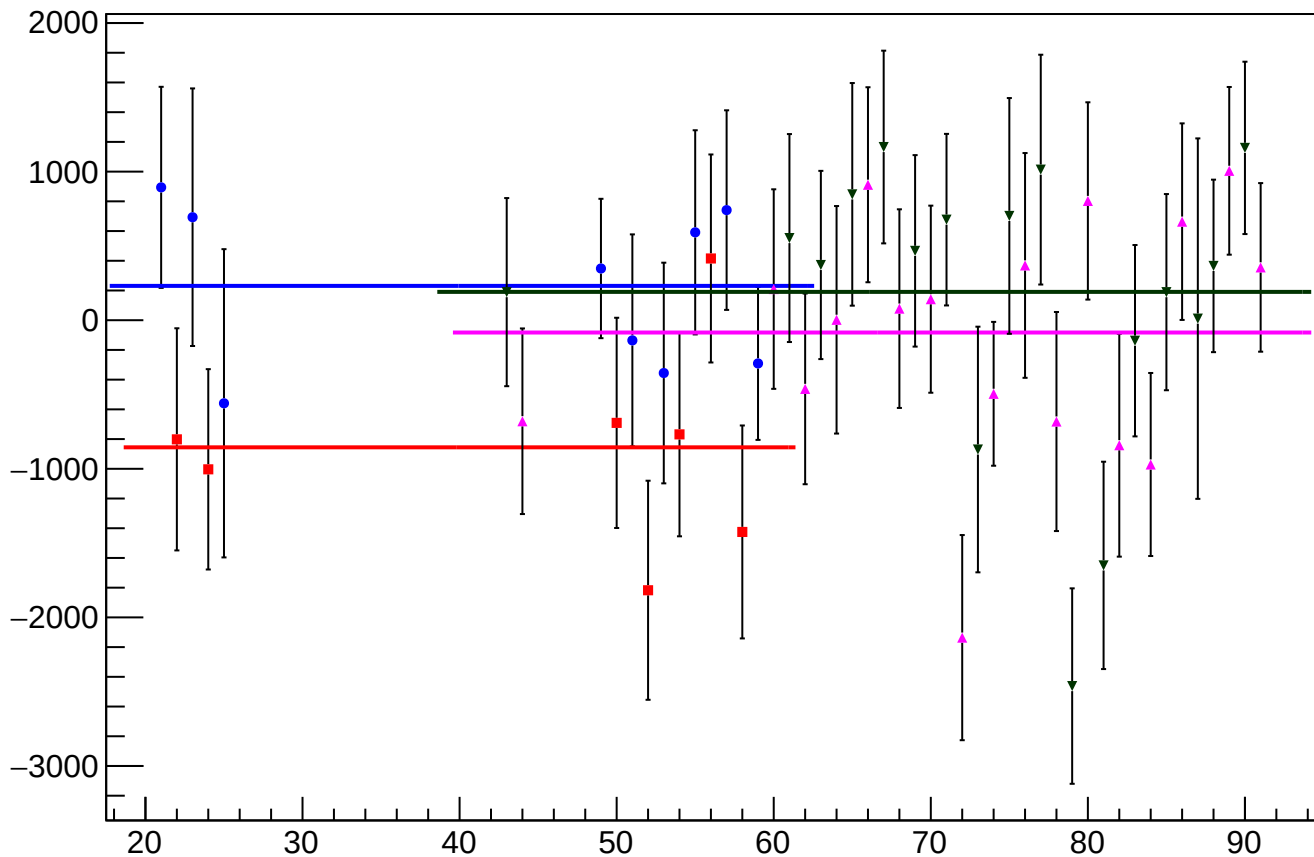
Right Out: 31.718+/-0.011 χ^2/NDF : 6138.8/6

Left In: 32.258+/-0.008 χ^2/NDF :268466.9/16

31.577+/-0.006 χ^2/NDF : 176597.1/25

32.088+/-0.006 χ^2/NDF : 276116.1/23

asym_right_agg_avg_mean vs slug



Right In: 231.029 ± 218.826 $\chi^2/\text{NDF}: 4.7/8$

Left Out: 190.640 ± 164.361 $\chi^2/\text{NDF}: 33.9/16$

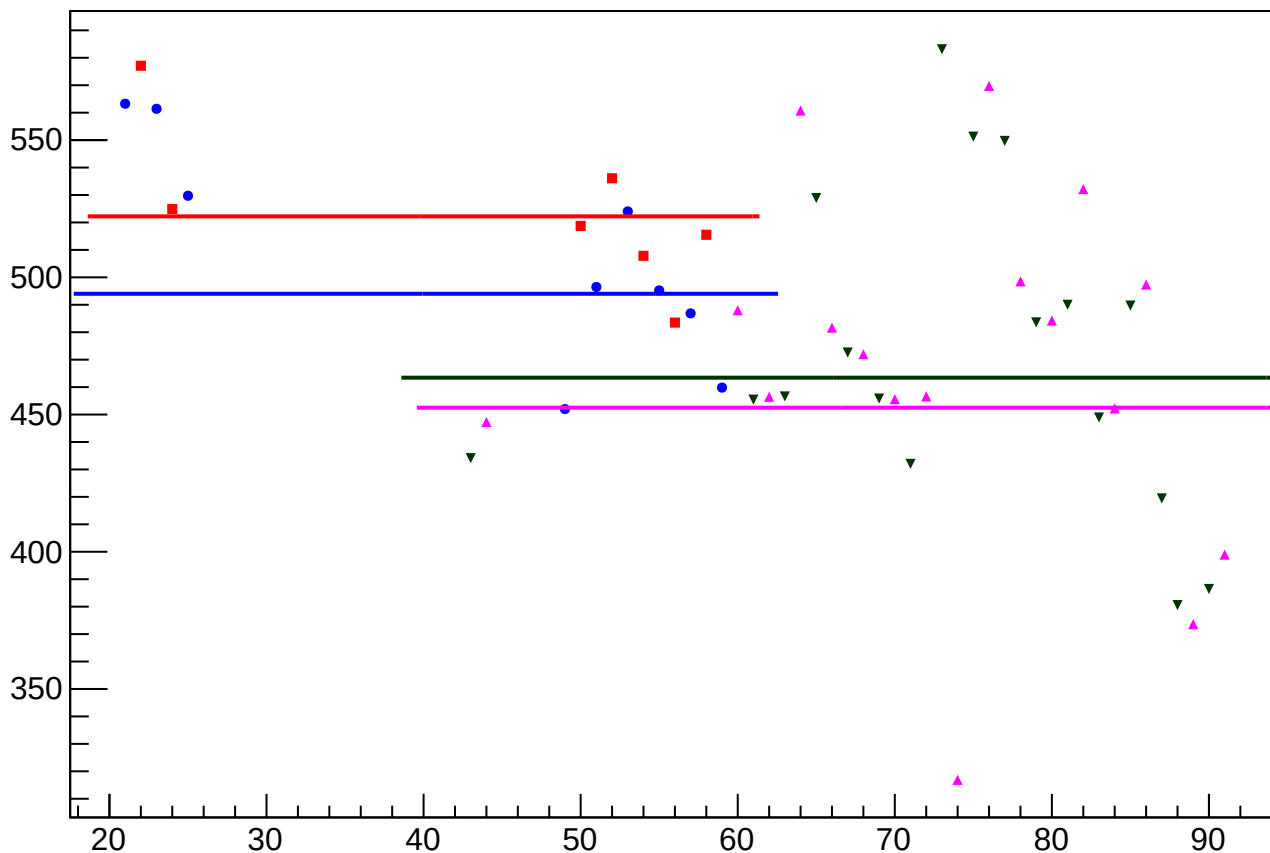
Right Out: -855.522 ± 267.821 $\chi^2/\text{NDF}: 5.8/6$

Left In: -82.845 ± 155.849 $\chi^2/\text{NDF}: 25.0/16$

205.207 ± 131.419 $\chi^2/\text{NDF}: 38.5/25$

-278.305 ± 134.702 $\chi^2/\text{NDF}: 37.0/23$

asym_right_agg_avg_rms vs slug



Right In: 494.010 ± 0.155 χ^2/NDF : 63830.4/8

Left Out: 463.437 ± 0.116 χ^2/NDF : 205593.8/16

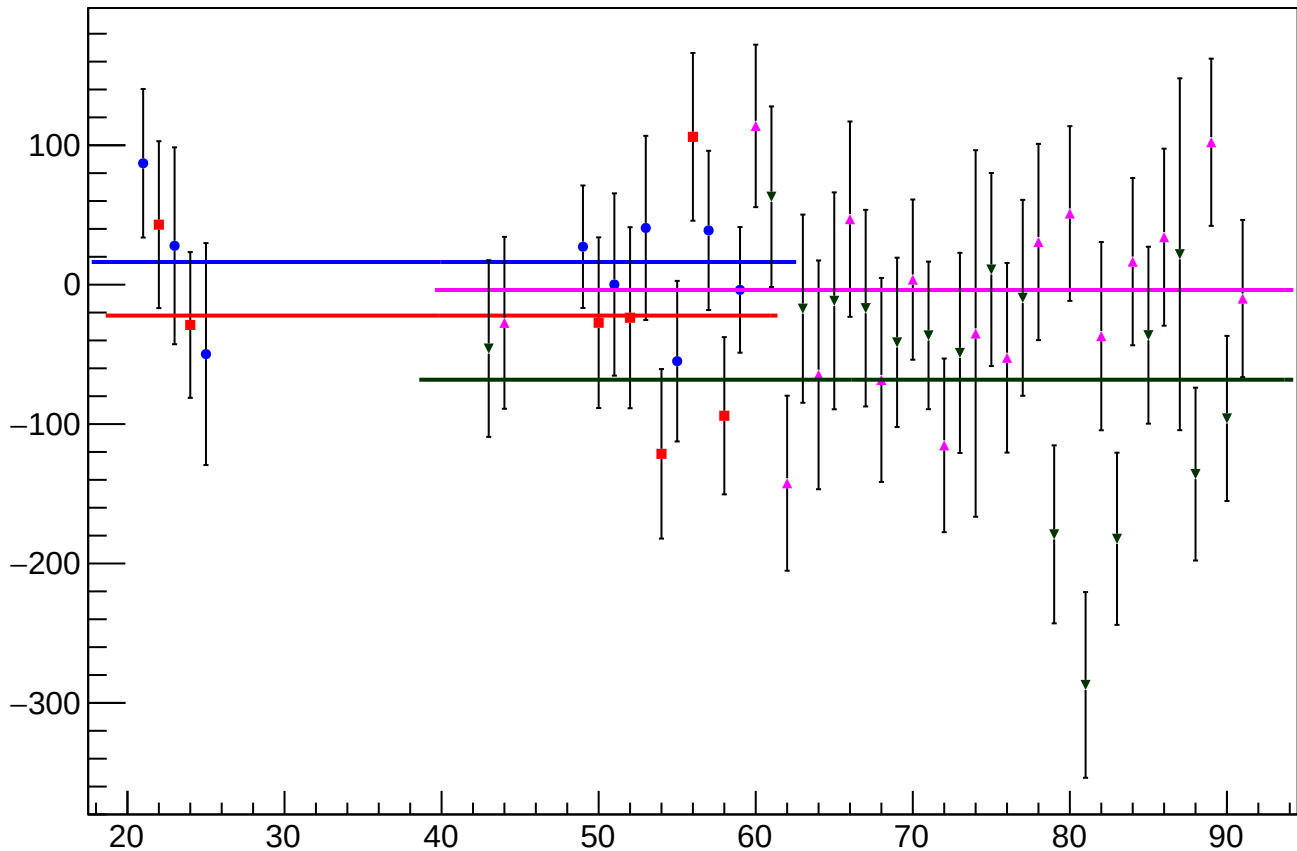
Right Out: 522.219 ± 0.189 χ^2/NDF : 18739.6/6

Left In: 452.501 ± 0.110 χ^2/NDF : 357681.4/16

474.464 ± 0.093 χ^2/NDF : 294384.0/25

470.137 ± 0.095 χ^2/NDF : 477666.3/23

asym_right_agg_dd_mean vs slug



Right In: 16.265 ± 18.924 χ^2/NDF : 4.6/8

Left Out: -68.177 ± 16.021 χ^2/NDF : 27.9/16

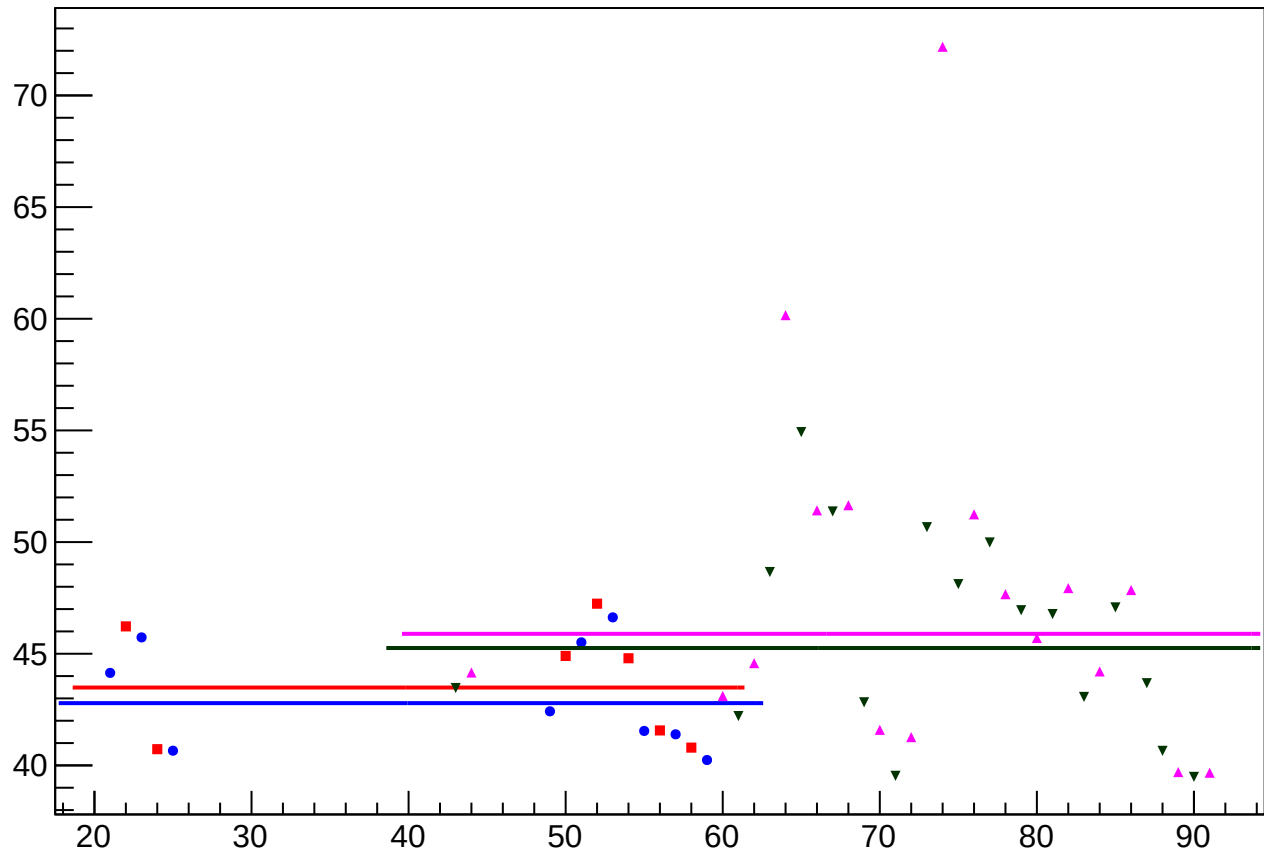
Right Out: -22.173 ± 22.304 χ^2/NDF : 10.0/6

Left In: -3.812 ± 15.853 χ^2/NDF : 19.6/16

-32.922 ± 12.228 χ^2/NDF : 44.1/25

-9.975 ± 12.921 χ^2/NDF : 30.1/23

asym_right_agg_dd_rms vs slug



Right In: 42.789+/-0.013 χ^2/NDF : 25084.4/8

Left Out: 45.257+/-0.011 χ^2/NDF :144381.2/16

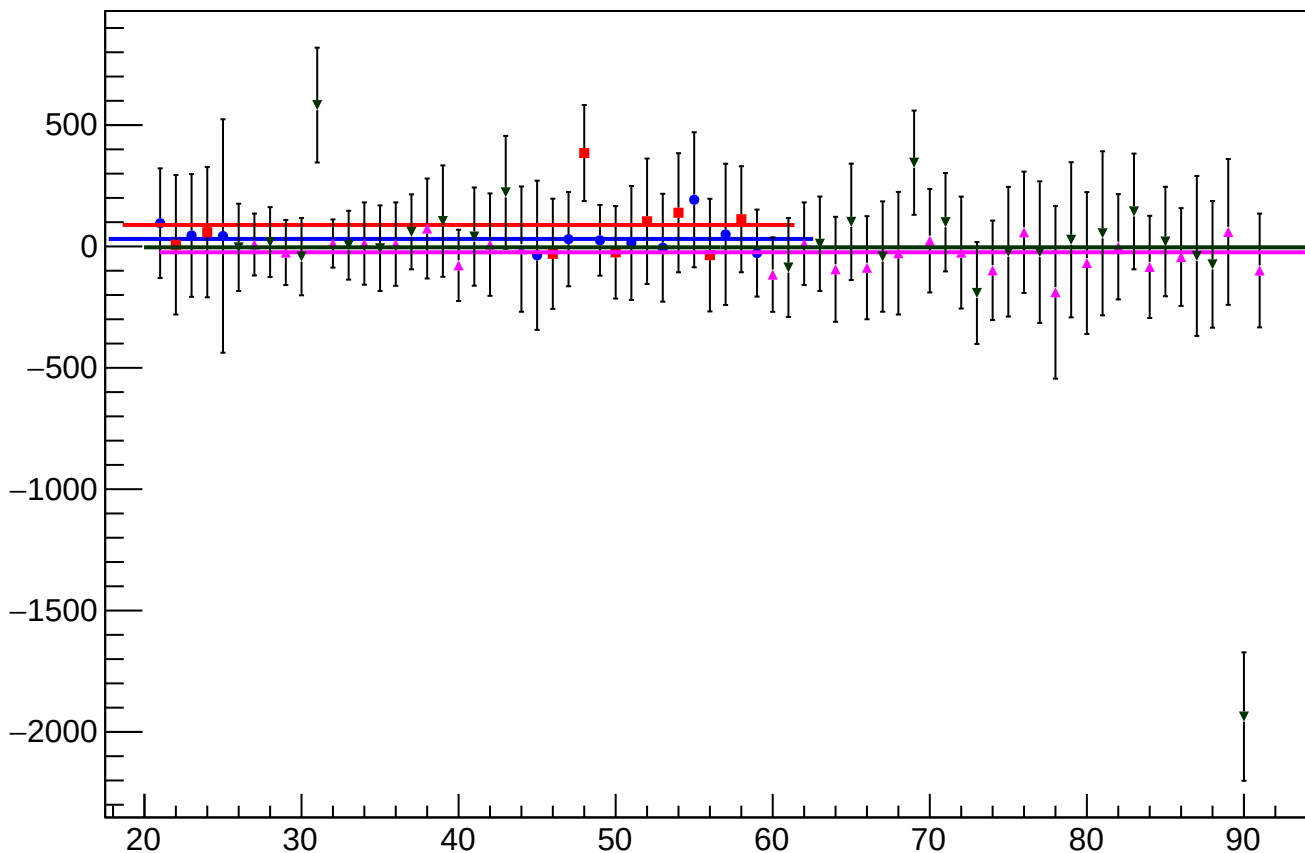
Right Out: 43.487+/-0.016 χ^2/NDF : 25038.9/6

Left In: 45.892+/-0.011 χ^2/NDF :259177.2/16

44.226+/-0.009 χ^2/NDF : 189282.0/25

45.085+/-0.009 χ^2/NDF : 299665.5/23

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: -3.539 $\pm$ 40.901 χ^2 /NDF: 65.6/25

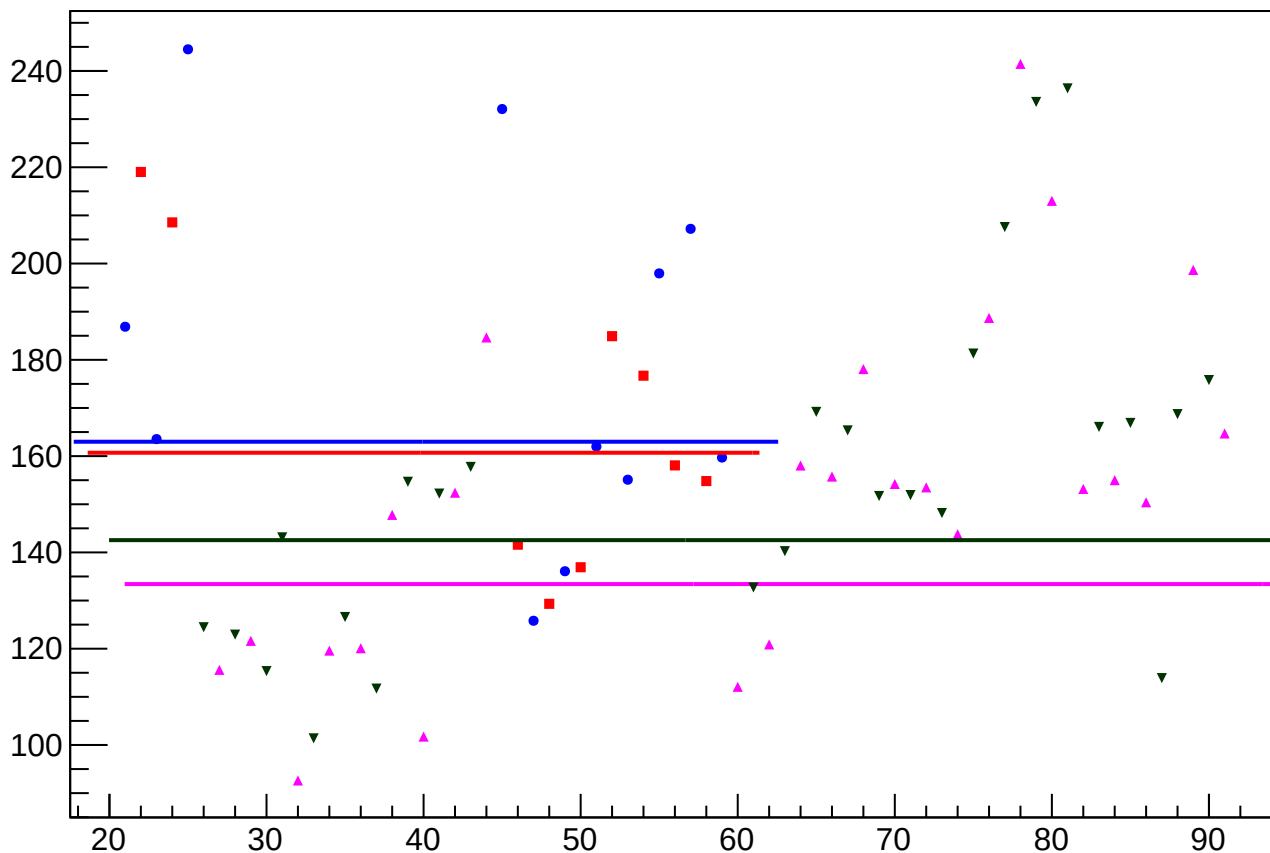
Right Out: 88.579 $\pm$ 76.797 χ^2 /NDF: 3.3/8

Left In: -24.026 $\pm$ 37.041 χ^2 /NDF: 2.1/24

5.693 $\pm$ 35.011 χ^2 /NDF: 66.4/36

-2.774 $\pm$ 33.363 χ^2 /NDF: 7.1/33

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: 142.548+/-0.029 χ^2/NDF : 1025722.2/25

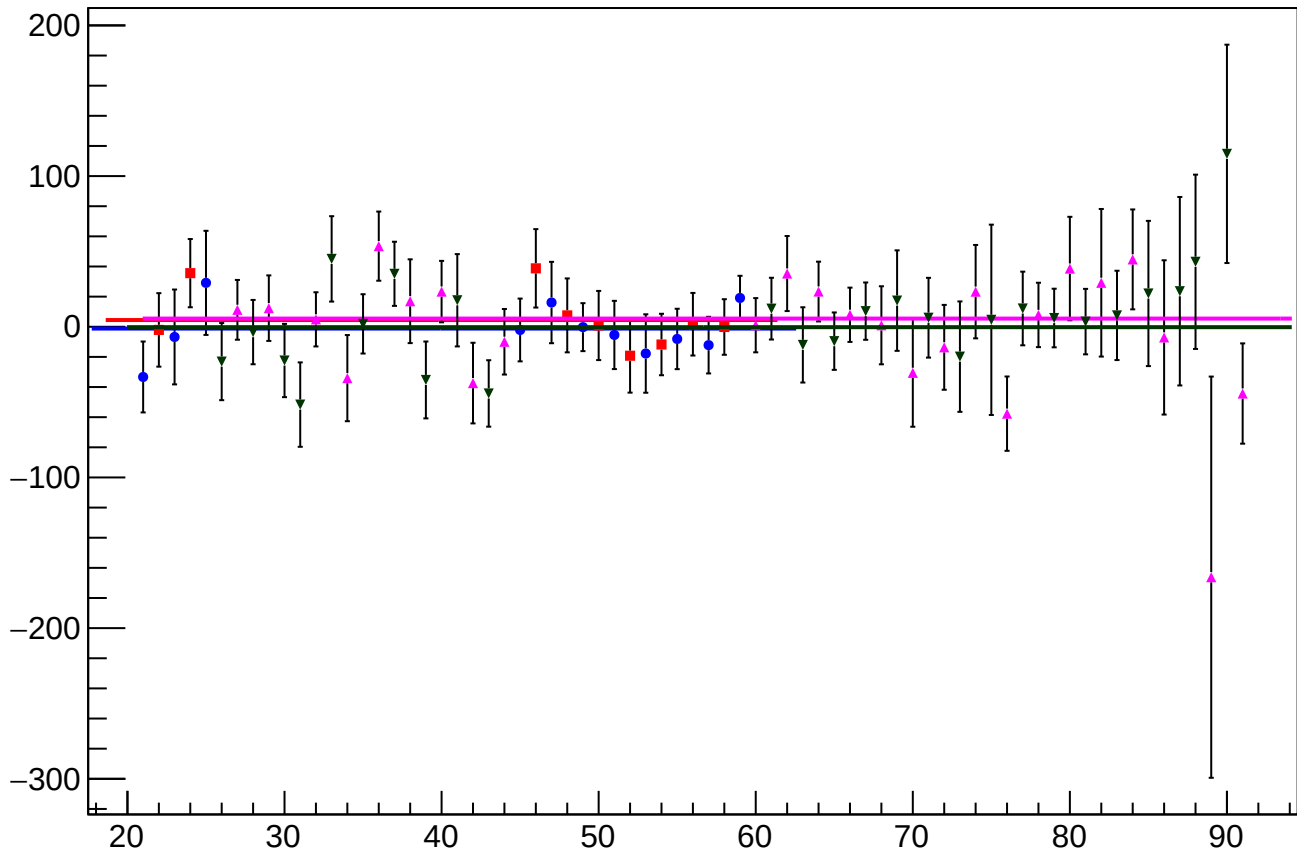
Right Out: 160.703+/-0.054 χ^2/NDF : 269273.2/8

Left In: 133.422+/-0.026 χ^2/NDF : 1426935.9/24

148.011+/-0.025 χ^2/NDF : 1562910.9/36

138.571+/-0.024 χ^2/NDF : 1900969.3/33

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.185 $\pm$ 6.368 χ^2/NDF : 5.9/10

Left Out: -0.269 $\pm$ 5.066 χ^2/NDF : 22.2/25

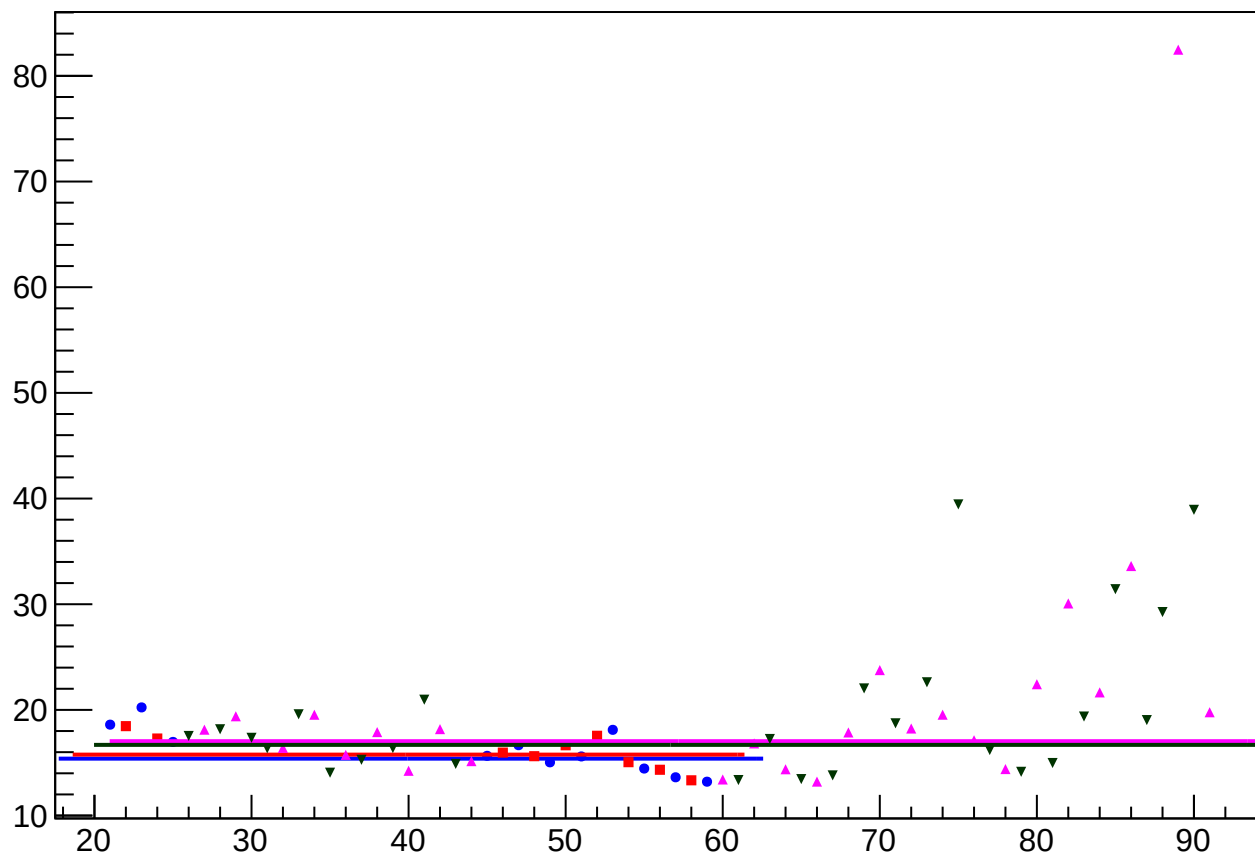
Right Out: 4.471 $\pm$ 7.454 χ^2/NDF : 5.4/8

Left In: 5.439 $\pm$ 4.979 χ^2/NDF : 27.8/24

-0.624 $\pm$ 3.965 χ^2/NDF : 28.1/36

5.140 $\pm$ 4.140 χ^2/NDF : 33.2/33

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.388 $\pm$ 0.005 χ^2 /NDF: 182906.8/10

Left Out: 16.690 $\pm$ 0.004 χ^2 /NDF: 1201248.7/25

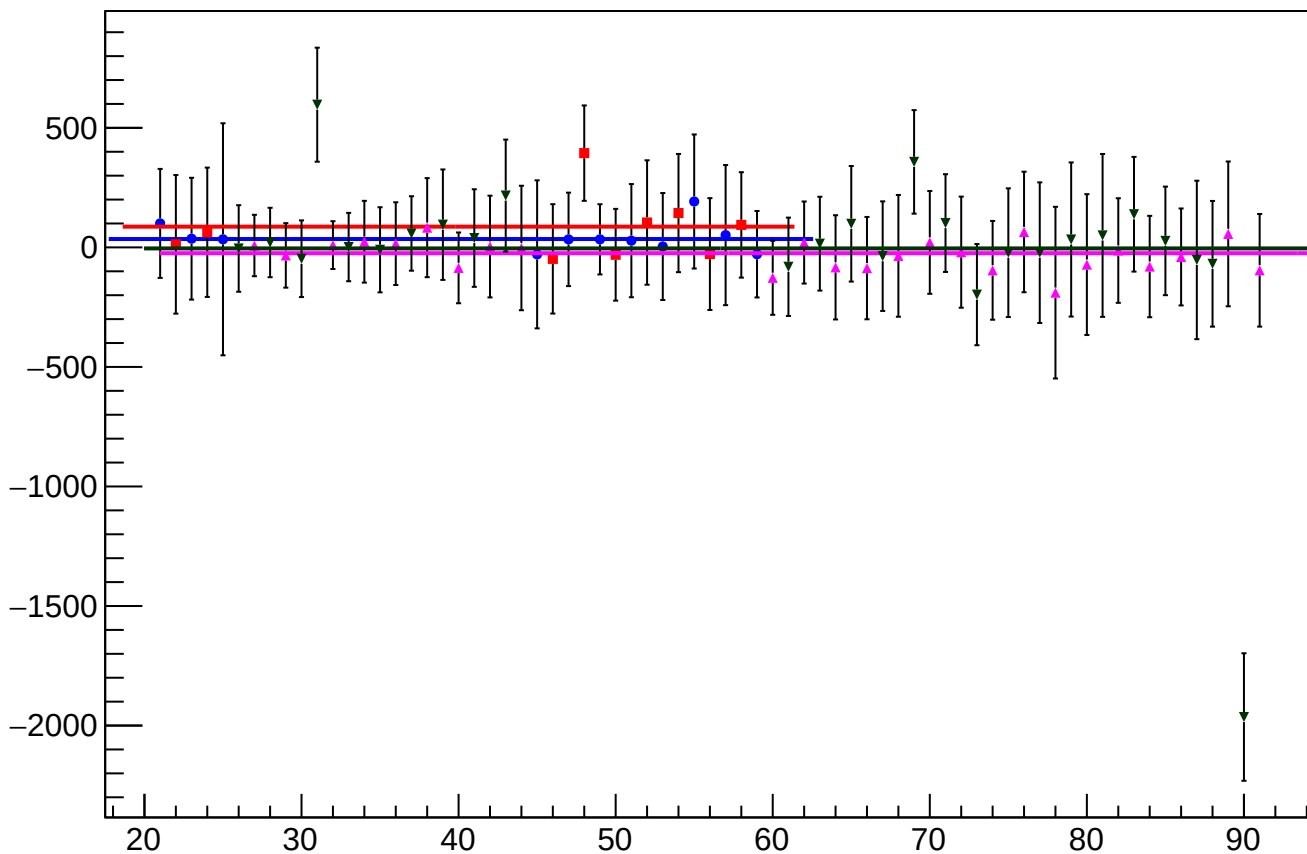
Right Out: 15.768 $\pm$ 0.005 χ^2 /NDF: 93954.2/8

Left In: 17.039 $\pm$ 0.004 χ^2 /NDF: 1375532.9/24

16.185 $\pm$ 0.003 χ^2 /NDF: 1435363.6/36

16.647 $\pm$ 0.003 χ^2 /NDF: 1509705.5/33

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 35.012 $\pm$ 68.254 χ^2 /NDF: 0.6/10

Left Out: -4.280 $\pm$ 41.220 χ^2 /NDF:66.5/25

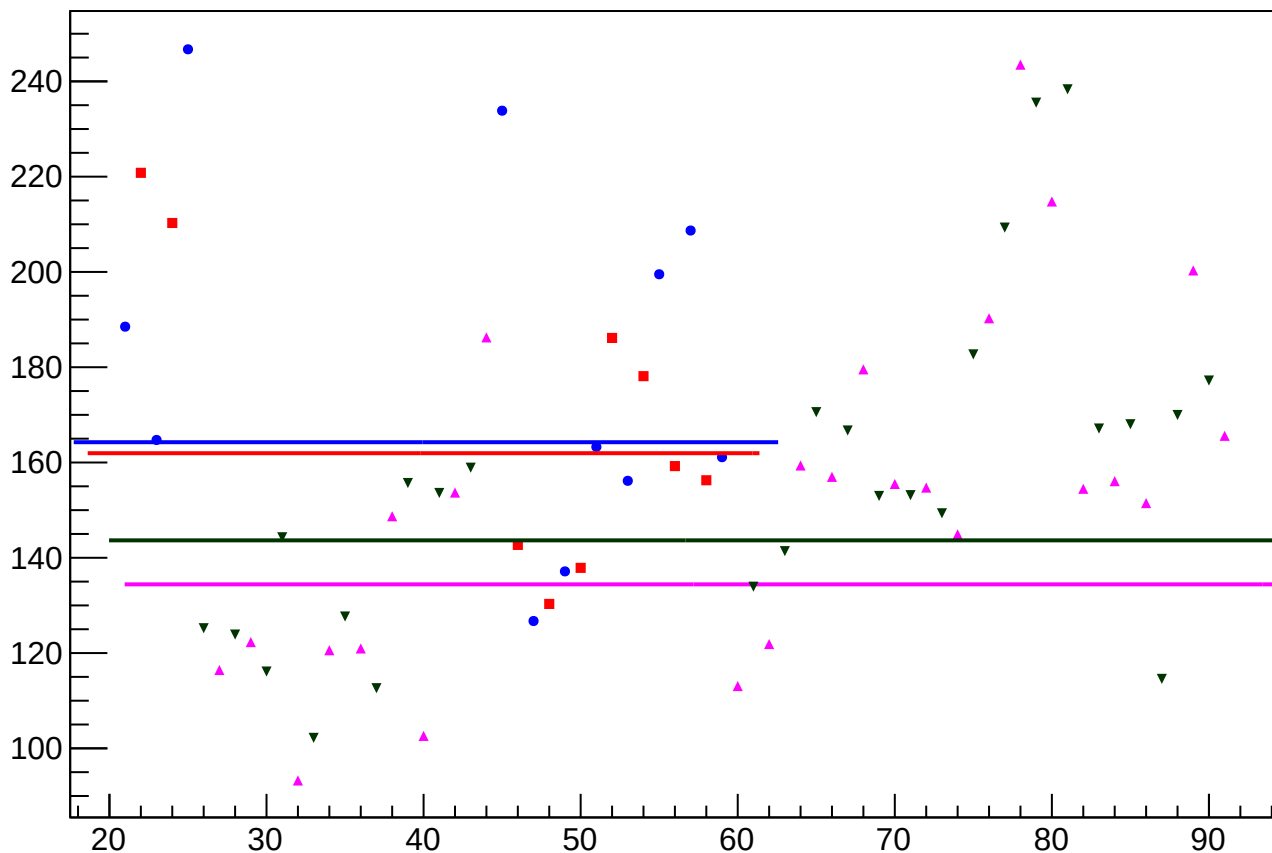
Right Out: 86.742 $\pm$ 77.395 χ^2 /NDF: 3.5/8

Left In: -24.257 $\pm$ 37.321 χ^2 /NDF:2.2/24

6.221 $\pm$ 35.285 χ^2 /NDF: 67.3/36

-3.315 $\pm$ 33.617 χ^2 /NDF: 7.4/33

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: 143.657+/-0.029 χ^2/NDF :1026460.3/25

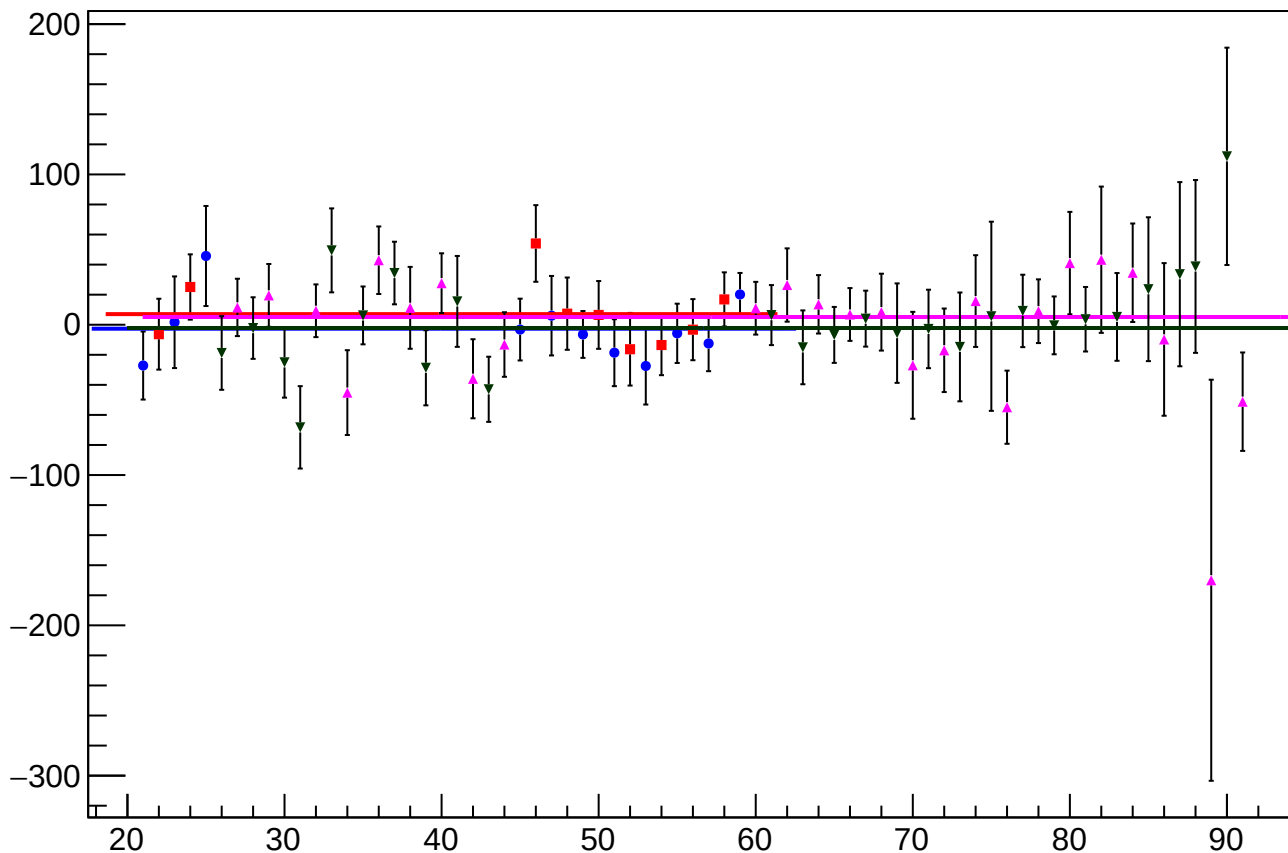
Right Out: 161.953+/-0.055 χ^2/NDF : 269679.4/8

Left In: 134.423+/-0.026 χ^2/NDF :1429888.9/24

149.163+/-0.025 χ^2/NDF : 1564244.6/36

139.617+/-0.024 χ^2/NDF : 1904874.5/33

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -2.638 $\pm$ 6.230 χ^2 /NDF: 7.8/10

Left Out: -2.173 $\pm$ 4.963 χ^2 /NDF:23.7/25

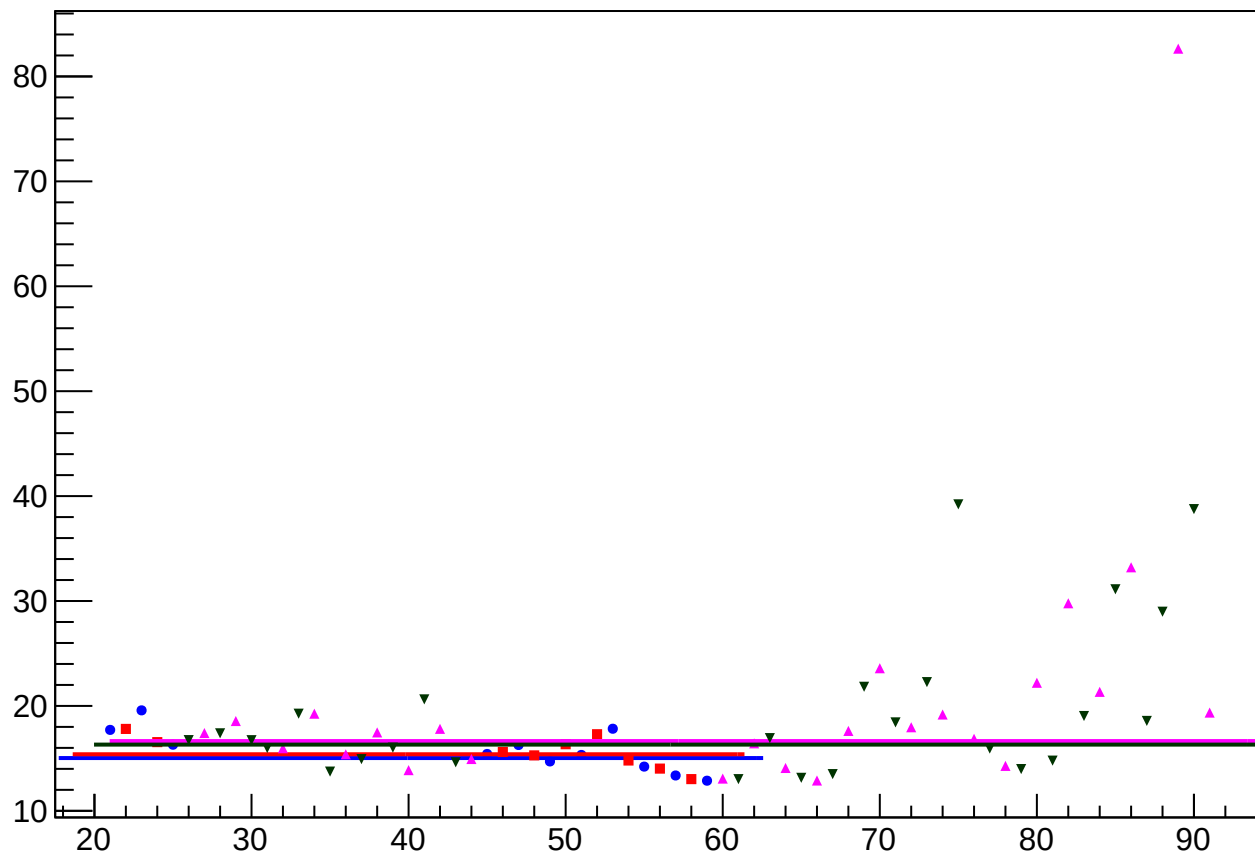
Right Out: 7.061 $\pm$ 7.282 χ^2 /NDF: 7.0/8

Left In: 5.141 $\pm$ 4.878 χ^2 /NDF:27.2/24

-2.353 $\pm$ 3.882 χ^2 /NDF: 31.5/36

5.736 $\pm$ 4.053 χ^2 /NDF: 34.2/33

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.031+/-0.004 $\chi^2/\text{NDF}: 170648.4/10$

Left Out: 16.313+/-0.004 $\chi^2/\text{NDF}: 1215303.8/25$

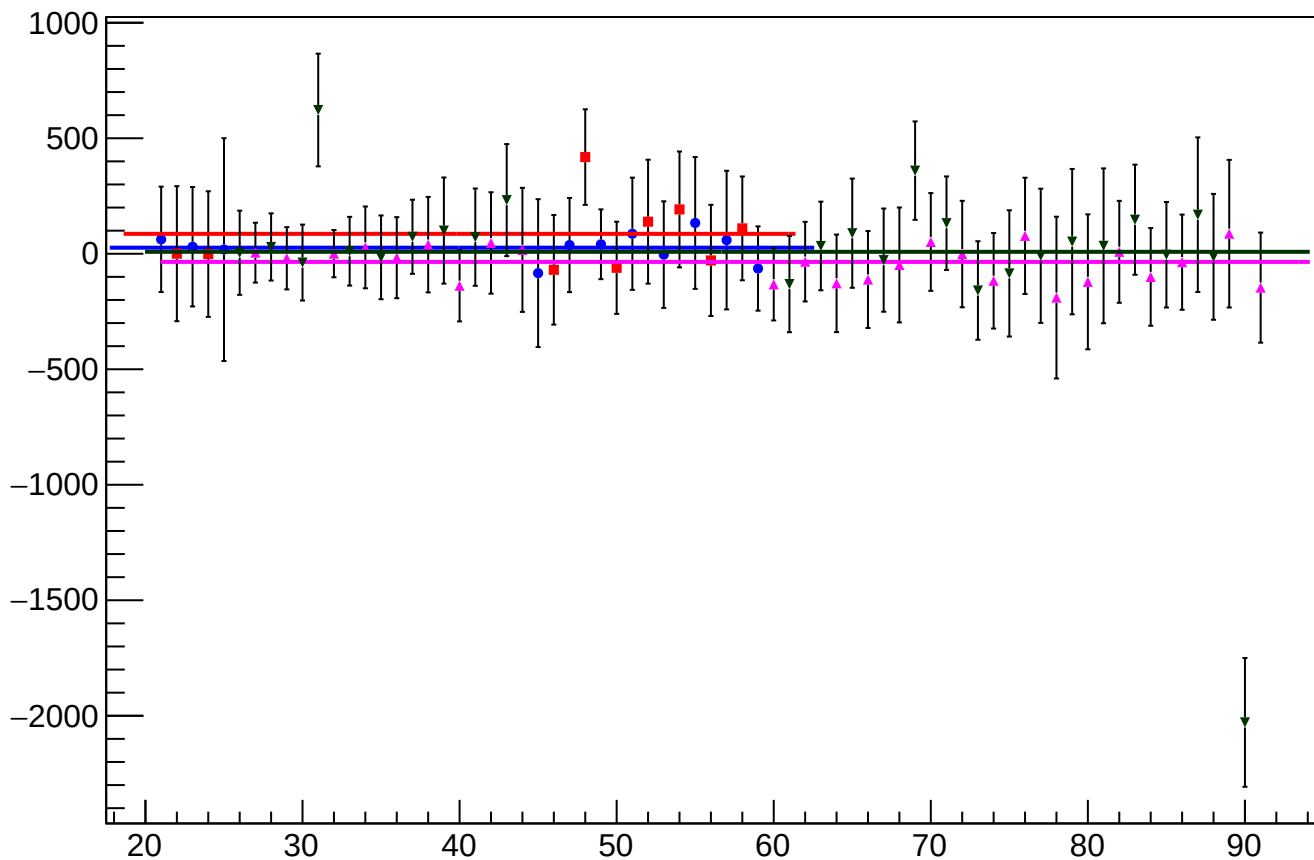
Right Out: 15.392+/-0.005 $\chi^2/\text{NDF}: 88337.5/8$

Left In: 16.651+/-0.003 $\chi^2/\text{NDF}: 1391641.5/24$

15.815+/-0.003 $\chi^2/\text{NDF}: 1437778.9/36$

16.261+/-0.003 $\chi^2/\text{NDF}: 1521210.2/33$

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 26.315+/-69.797 χ^2/NDF : 0.6/10

Left Out: 8.450+/-41.627 χ^2/NDF : 66.1/25

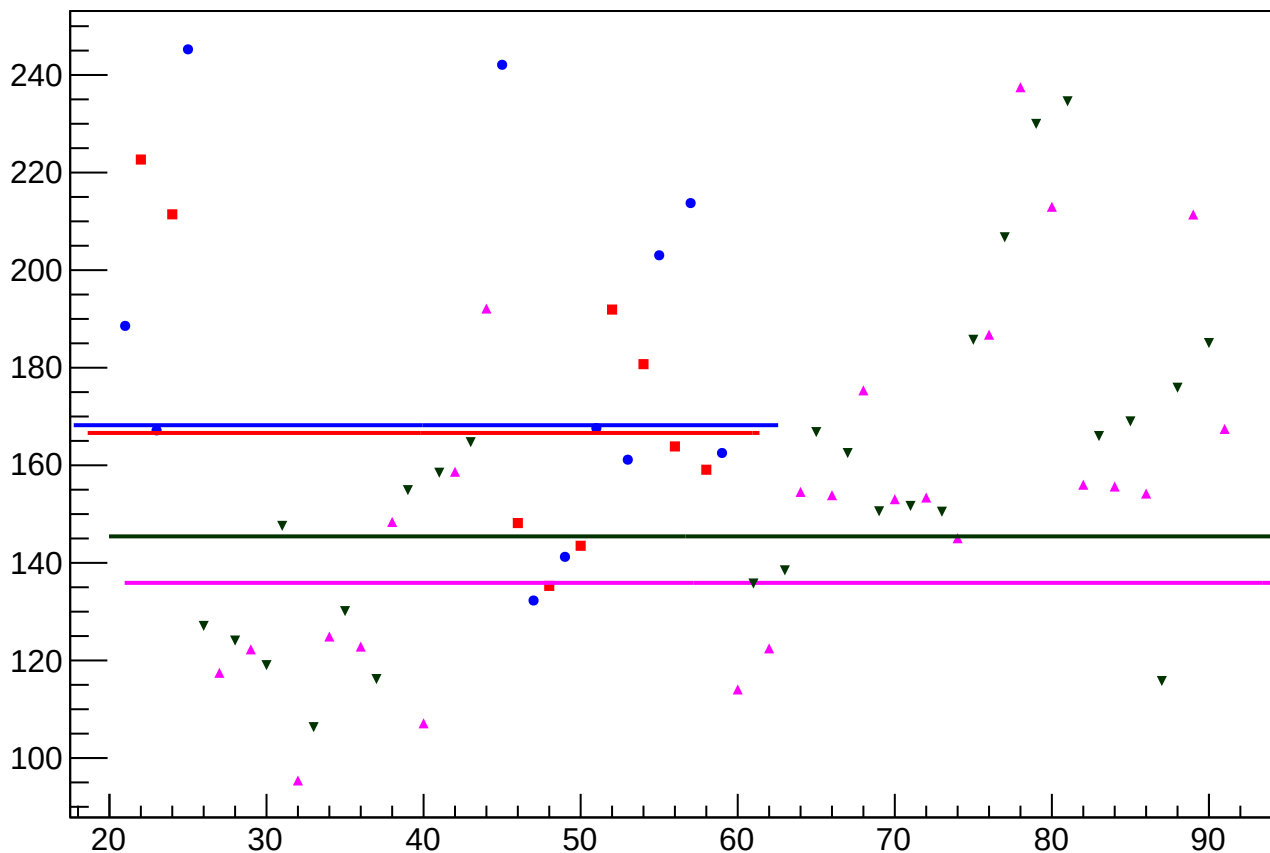
Right Out: 86.254+/-79.474 χ^2/NDF : 4.2/8

Left In: -35.291+/-37.671 χ^2/NDF : 3.2/24

13.137+/-35.751 χ^2/NDF : 66.8/36

-12.992+/-34.041 χ^2/NDF : 9.3/33

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: 145.430+/-0.029 χ^2/NDF : 932987.5/25

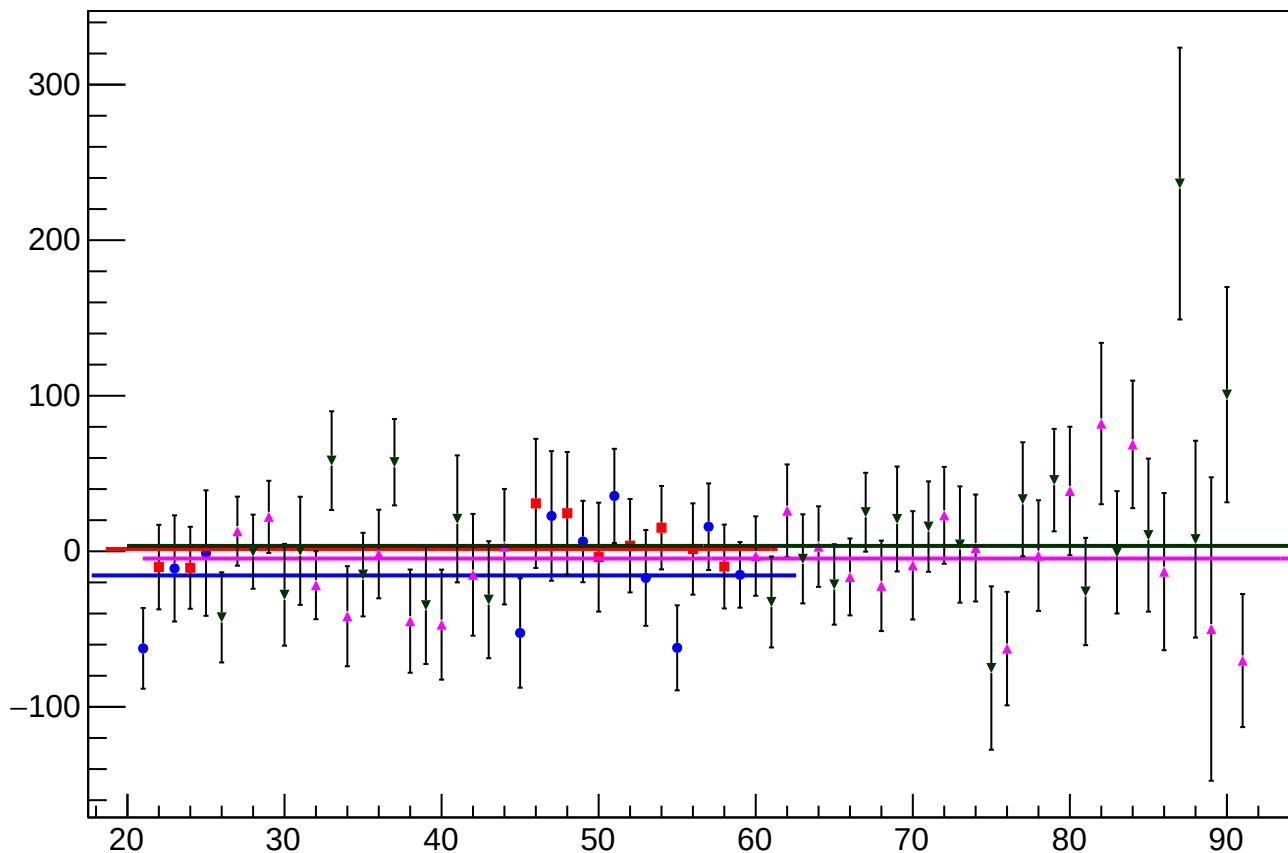
Right Out: 166.629+/-0.056 χ^2/NDF : 239326.6/8

Left In: 135.903+/-0.027 χ^2/NDF : 1325964.9/24

151.409+/-0.025 χ^2/NDF : 1469326.8/36

141.540+/-0.024 χ^2/NDF : 1809388.9/33

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: 3.461 ± 6.574 $\chi^2/\text{NDF}: 30.8/25$

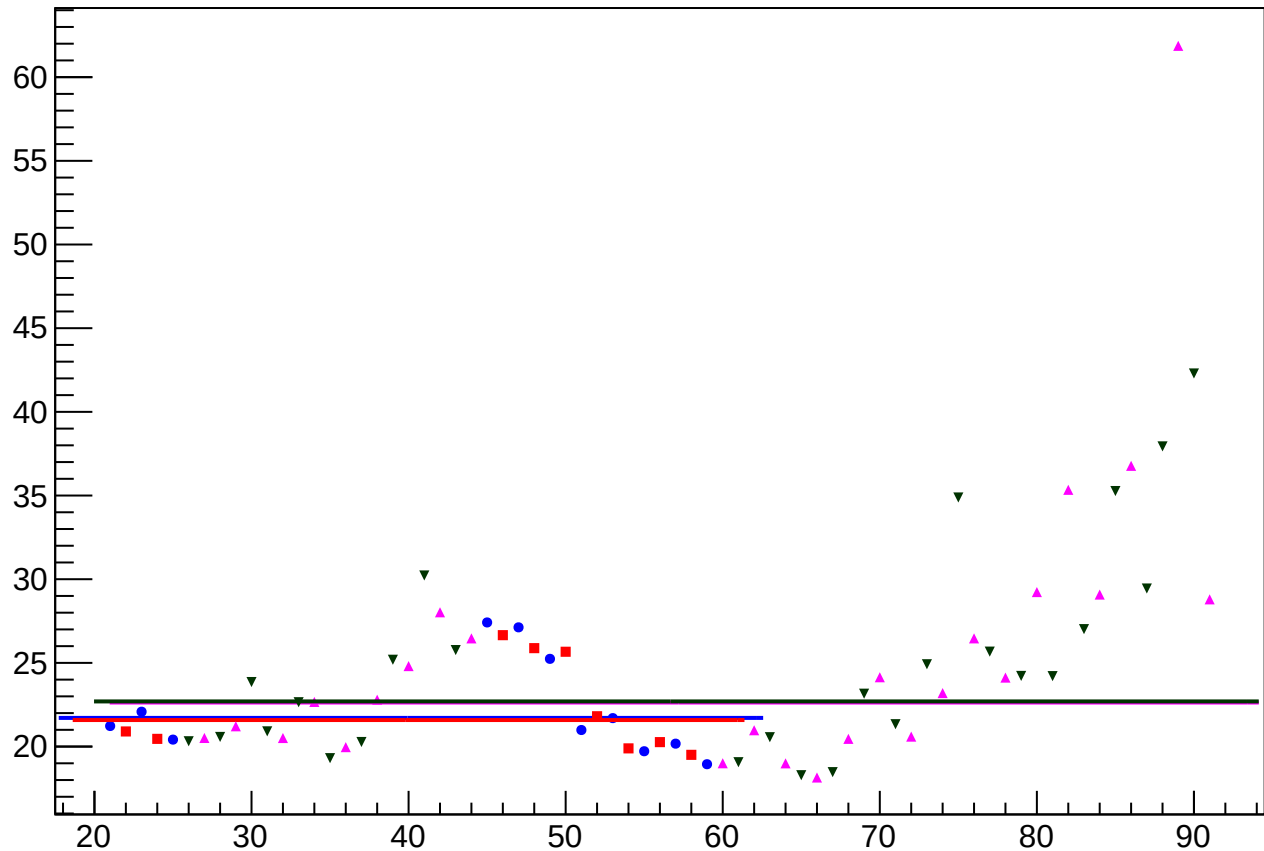
Right Out: 1.512 ± 10.064 $\chi^2/\text{NDF}: 1.7/8$

Left In: -4.633 ± 6.313 $\chi^2/\text{NDF}: 21.8/24$

-3.304 ± 5.273 $\chi^2/\text{NDF}: 46.9/36$

-2.897 ± 5.348 $\chi^2/\text{NDF}: 23.7/33$

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: 22.697 ± 0.005 χ^2/NDF : 913885.0/25

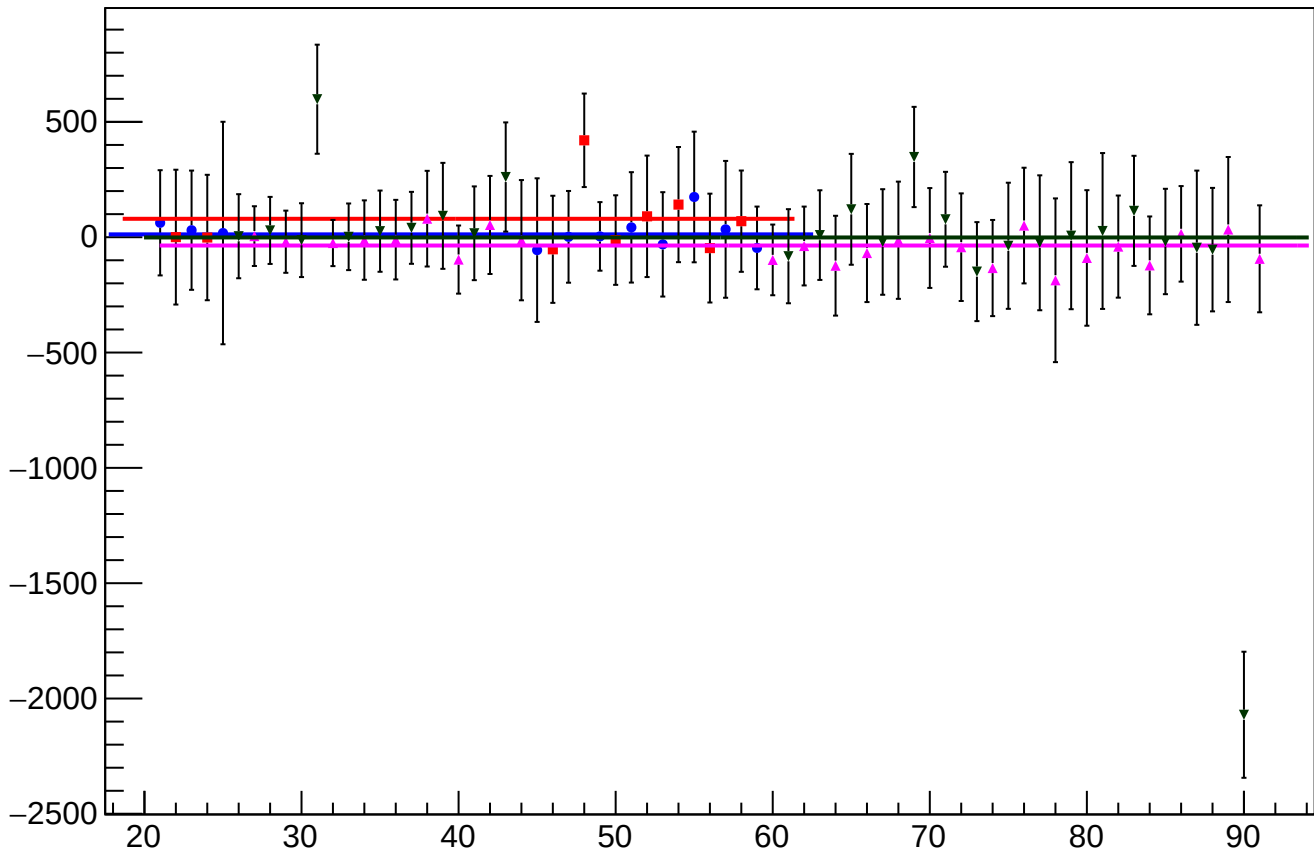
Right Out: 21.585 ± 0.007 χ^2/NDF : 109745.3/8

Left In: 22.629 ± 0.004 χ^2/NDF : 1072985.5/24

22.346 ± 0.004 χ^2/NDF : 1107801.5/36

22.334 ± 0.004 χ^2/NDF : 1198182.9/33

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 12.346 $\pm$ 68.799 χ^2 /NDF: 0.6/10

Left Out: -1.097 $\pm$ 41.284 χ^2 /NDF: 69.3/25

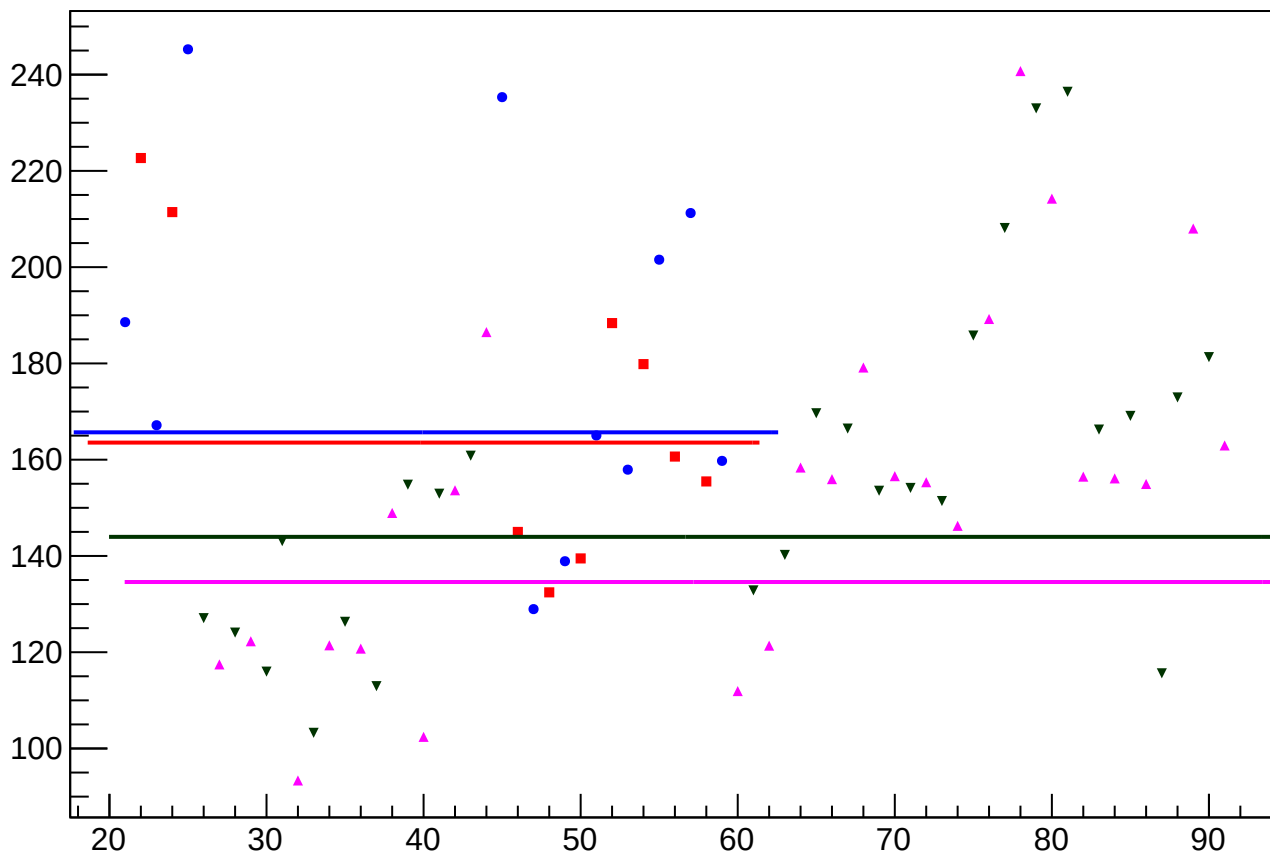
Right Out: 79.832 $\pm$ 78.129 χ^2 /NDF: 3.9/8

Left In: -36.031 $\pm$ 37.362 χ^2 /NDF: 2.1/24

2.462 $\pm$ 35.400 χ^2 /NDF: 69.9/36

-14.466 $\pm$ 33.707 χ^2 /NDF: 7.8/33

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 165.685 $\pm$ 0.049 χ^2 /NDF: 391637.8/10

Left Out: 143.968 $\pm$ 0.029 χ^2 /NDF:1017987.4/25

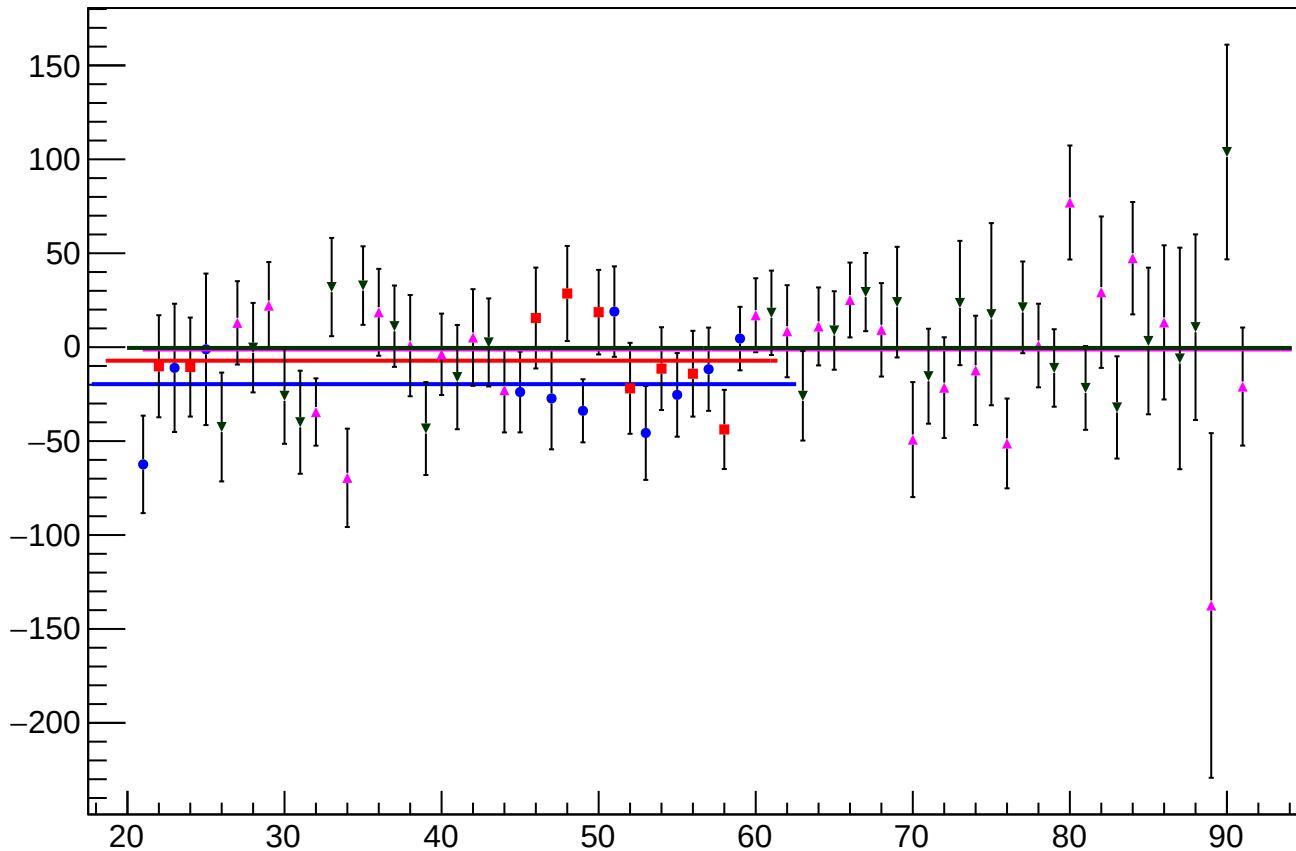
Right Out: 163.552 $\pm$ 0.055 χ^2 /NDF: 263817.8/8

Left In: 134.587 $\pm$ 0.026 χ^2 /NDF:1439126.5/24

149.717 $\pm$ 0.025 χ^2 /NDF: 1556143.9/36

139.978 $\pm$ 0.024 χ^2 /NDF: 1926662.6/33

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -19.678 ± 6.916 $\chi^2/\text{NDF}: 9.7/10$

Left Out: -0.398 ± 5.137 $\chi^2/\text{NDF}: 25.4/25$

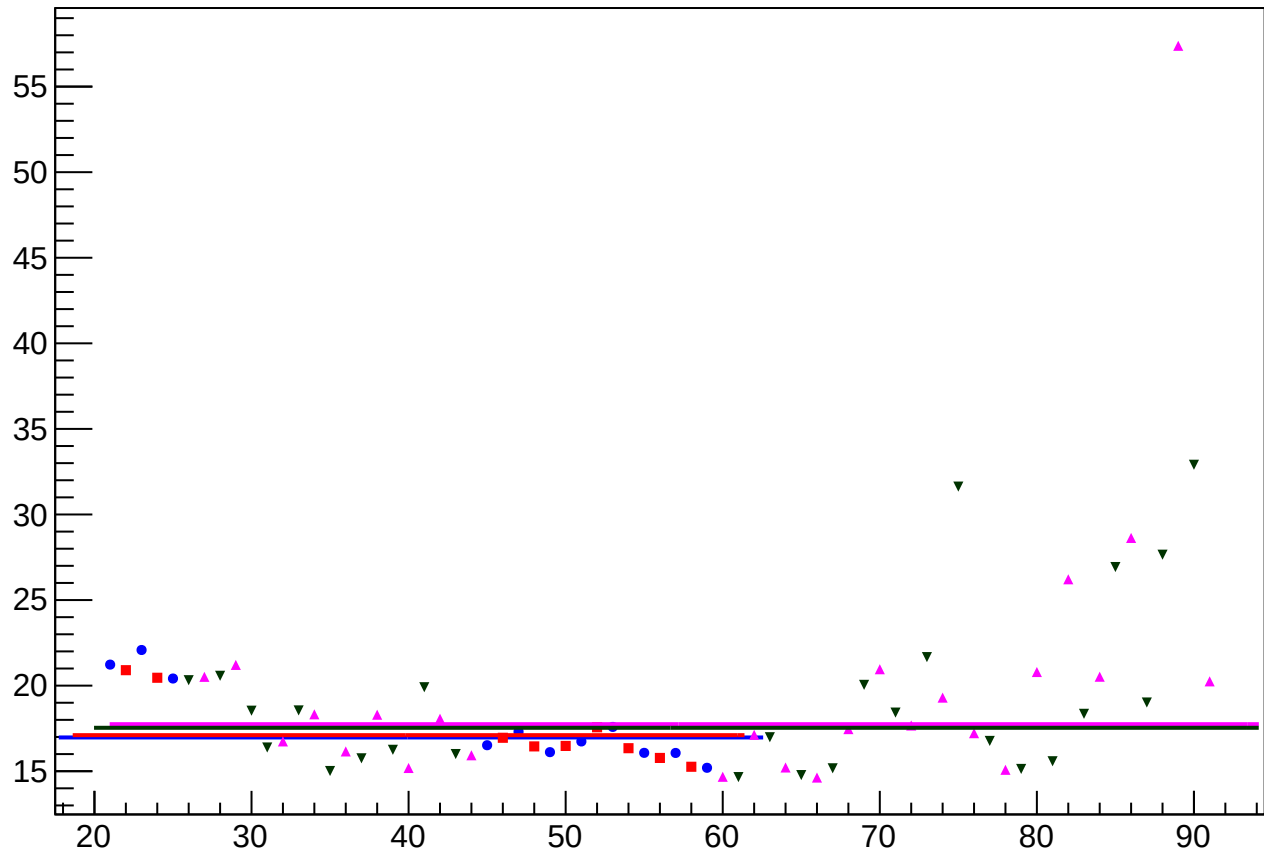
Right Out: -7.202 ± 7.994 $\chi^2/\text{NDF}: 7.6/8$

Left In: -1.232 ± 5.001 $\chi^2/\text{NDF}: 36.9/24$

-7.252 ± 4.124 $\chi^2/\text{NDF}: 40.1/36$

-2.912 ± 4.240 $\chi^2/\text{NDF}: 44.8/33$

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: 17.537+/-0.004 χ^2/NDF : 835583.3/25

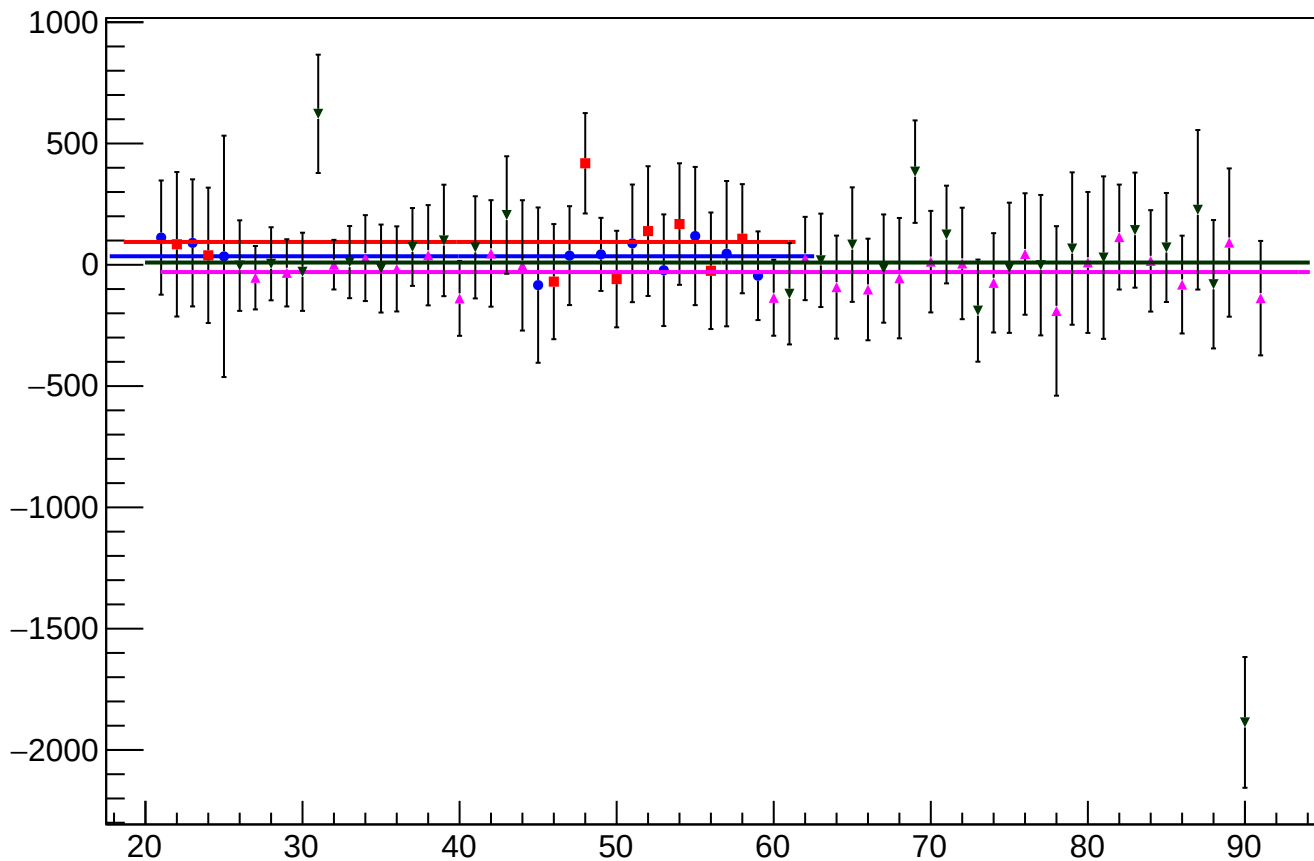
Right Out: 17.106+/-0.006 χ^2/NDF : 99682.5/8

Left In: 17.748+/-0.004 χ^2/NDF : 973277.5/24

17.336+/-0.003 χ^2/NDF : 993806.7/36

17.568+/-0.003 χ^2/NDF : 1082237.2/33

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: 9.321+/-41.579 χ^2/NDF : 62.8/25

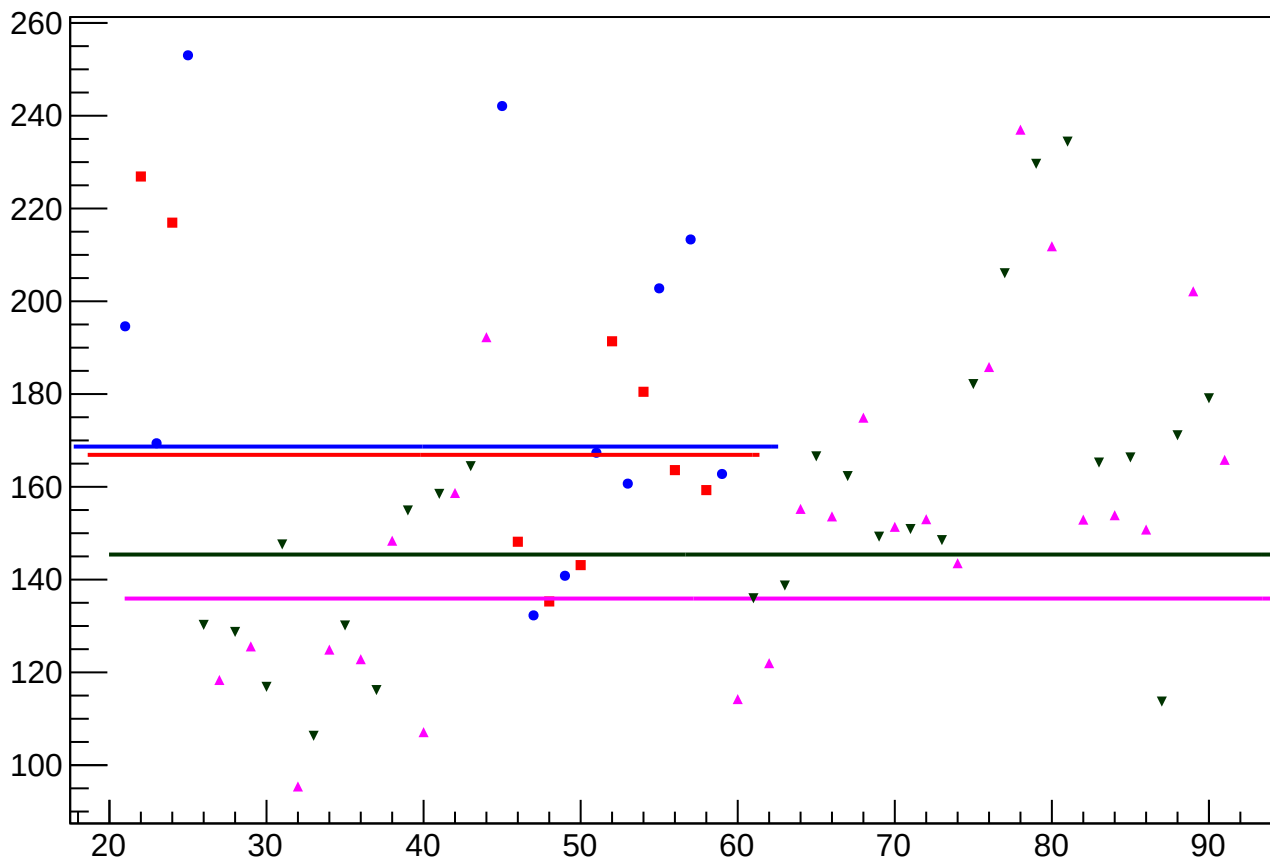
Right Out: 94.126+/-79.688 χ^2/NDF : 3.9/8

Left In: -29.940+/-37.642 χ^2/NDF : 3.1/24

16.055+/-35.754 χ^2/NDF : 63.6/36

-7.308+/-34.036 χ^2/NDF : 9.0/33

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: 145.404+/-0.029 χ^2/NDF : 889641.6/25

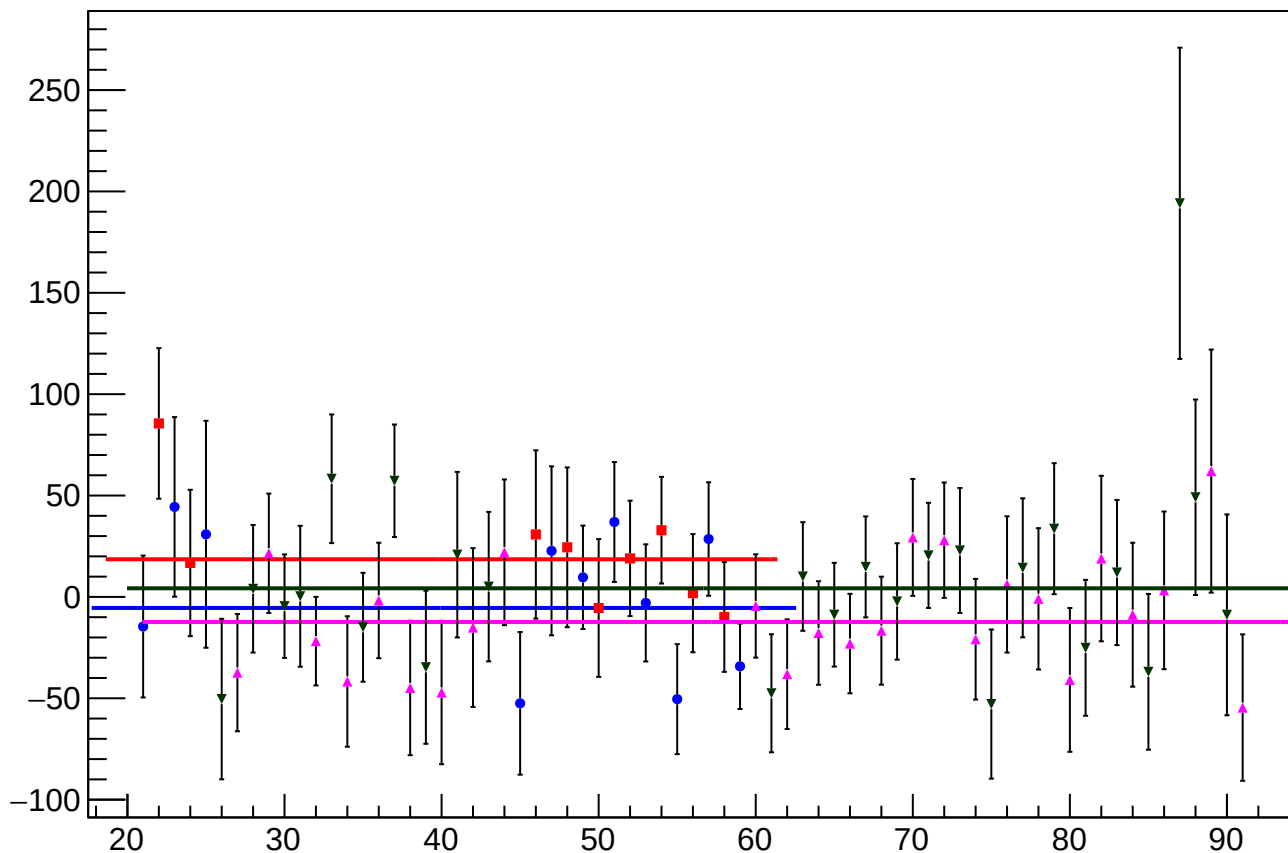
Right Out: 166.894+/-0.056 χ^2/NDF : 258482.5/8

Left In: 135.915+/-0.027 χ^2/NDF : 1270516.6/24

151.468+/-0.025 χ^2/NDF : 1449598.8/36

141.567+/-0.024 χ^2/NDF : 1776103.1/33

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: 4.250 ± 6.313 $\chi^2/\text{NDF}: 27.1/25$

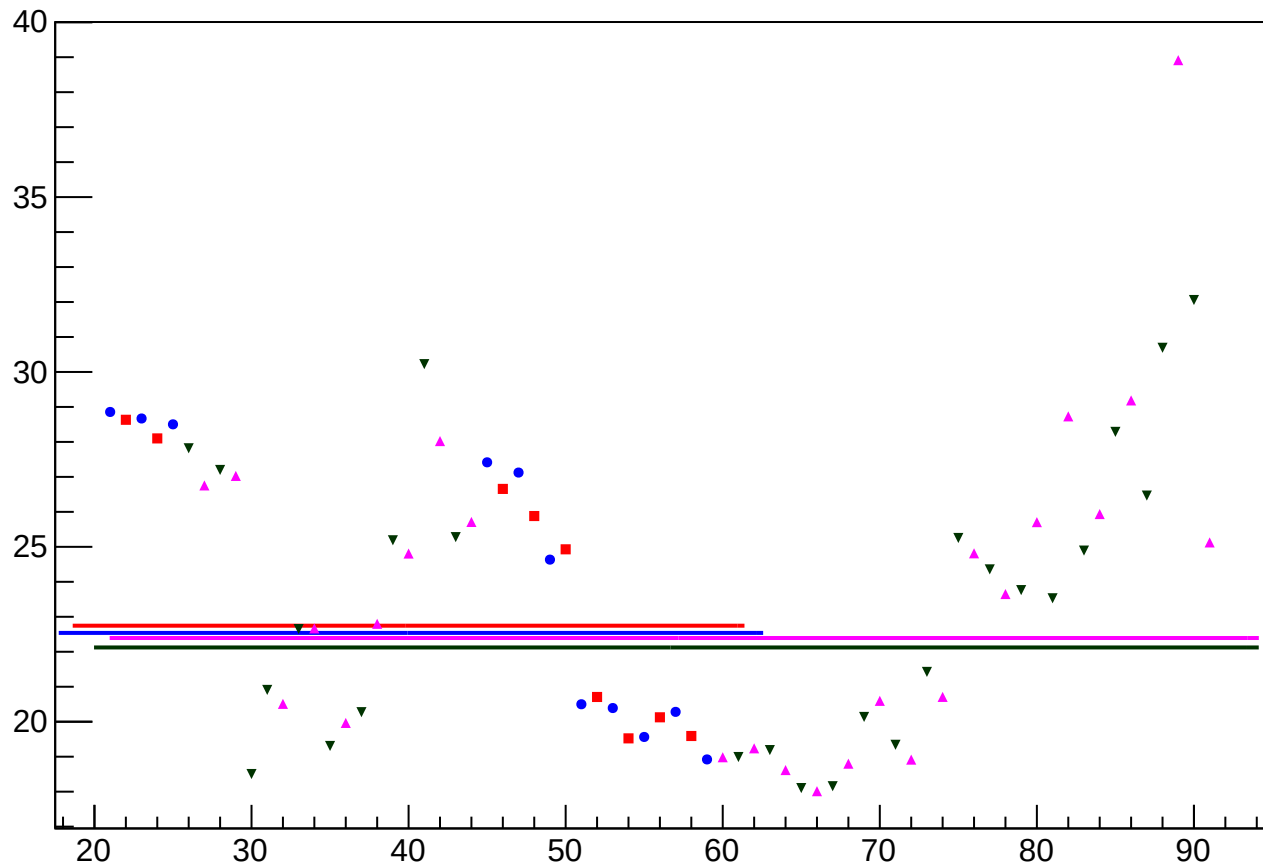
Right Out: 18.572 ± 10.658 $\chi^2/\text{NDF}: 5.6/8$

Left In: -12.352 ± 6.147 $\chi^2/\text{NDF}: 16.3/24$

1.149 ± 5.206 $\chi^2/\text{NDF}: 40.4/36$

-4.633 ± 5.325 $\chi^2/\text{NDF}: 28.2/33$

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: 22.123 $\pm$ 0.004 χ^2 /NDF: 700060.6/25

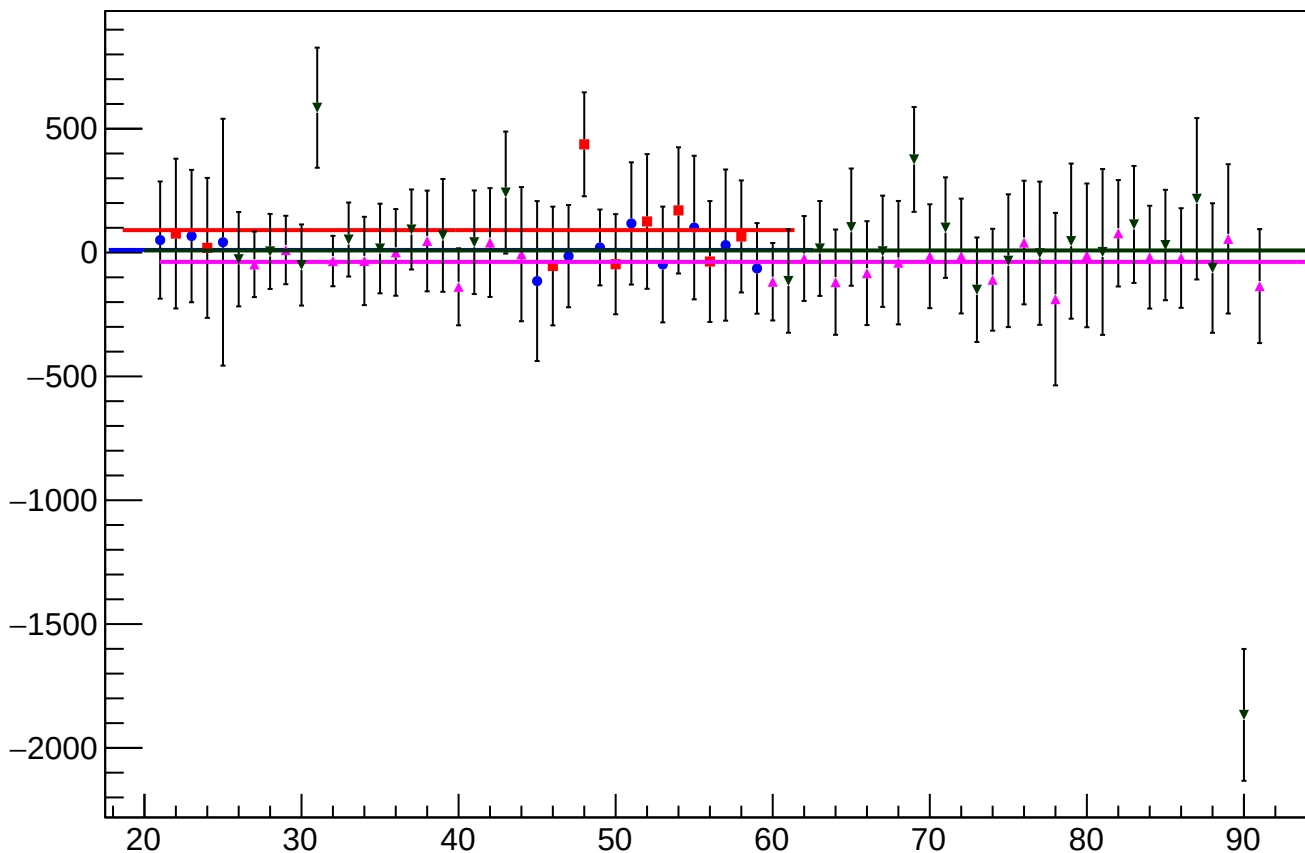
Right Out: 22.745 $\pm$ 0.008 χ^2 /NDF: 216478.4/8

Left In: 22.393 $\pm$ 0.004 χ^2 /NDF: 766456.7/24

22.256 $\pm$ 0.004 χ^2 /NDF: 1021831.2/36

22.481 $\pm$ 0.004 χ^2 /NDF: 984573.6/33

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: 8.565+/-41.676 χ^2/NDF : 61.8/25

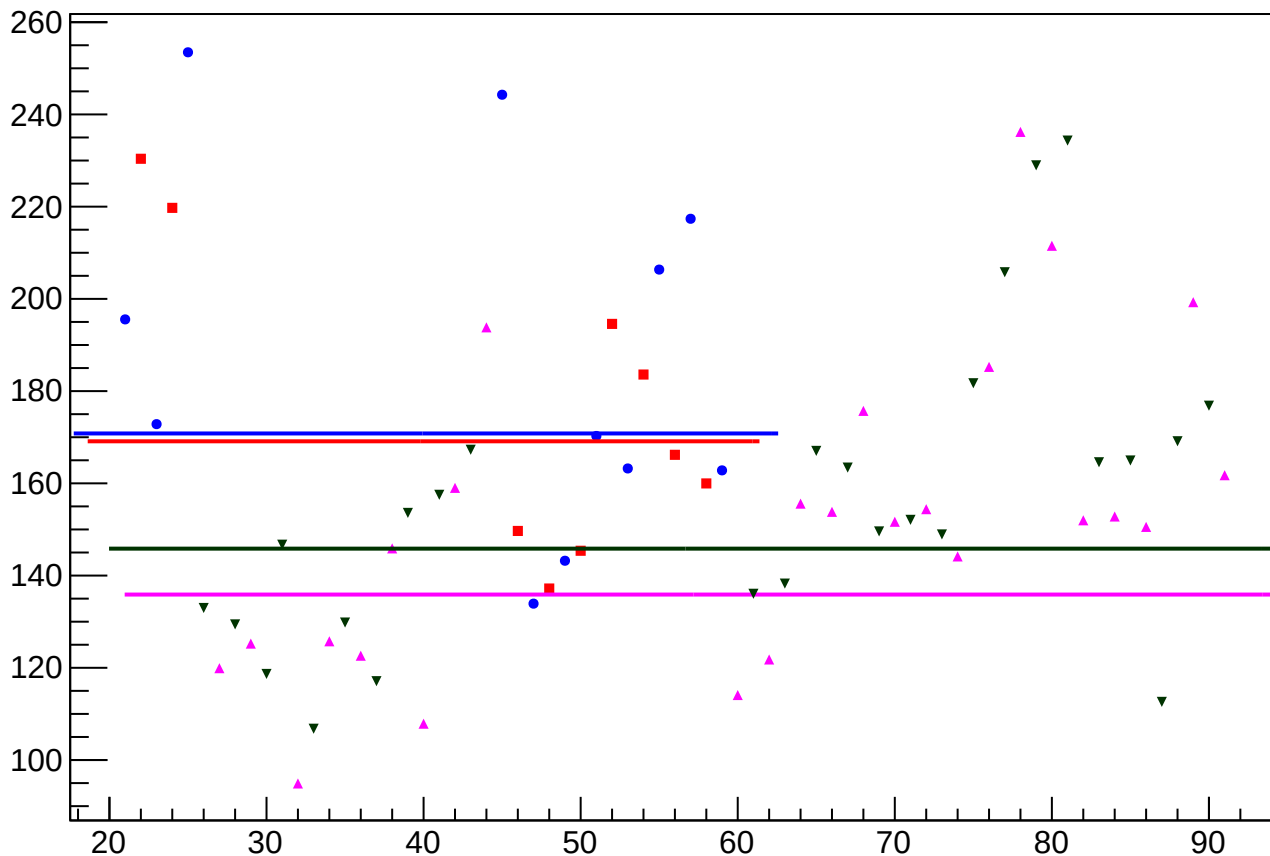
Right Out: 90.650+/-80.770 χ^2/NDF : 4.0/8

Left In: -37.692+/-37.619 χ^2/NDF : 2.4/24

9.085+/-35.931 χ^2/NDF : 62.6/36

-14.813+/-34.102 χ^2/NDF : 8.5/33

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: 145.840 ± 0.029 χ^2/NDF : 859227.1/25

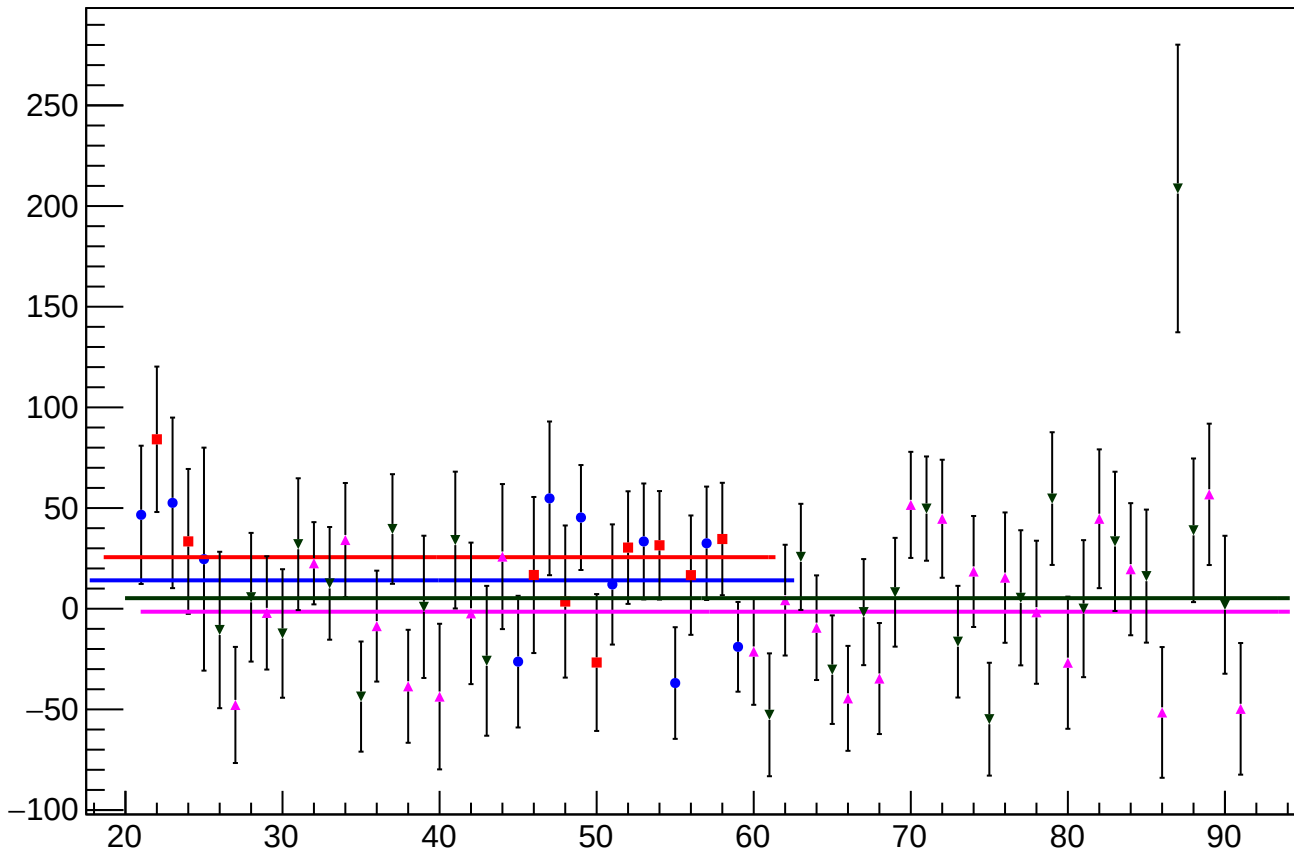
Right Out: 169.116 ± 0.057 χ^2/NDF : 260793.4/8

Left In: 135.883 ± 0.027 χ^2/NDF : 1258241.2/24

152.252 ± 0.025 χ^2/NDF : 1435467.9/36

141.808 ± 0.024 χ^2/NDF : 1797254.7/33

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.094 $\pm$ 9.233 χ^2 /NDF: 12.3/10

Left Out: 5.241 $\pm$ 6.094 χ^2 /NDF: 33.7/25

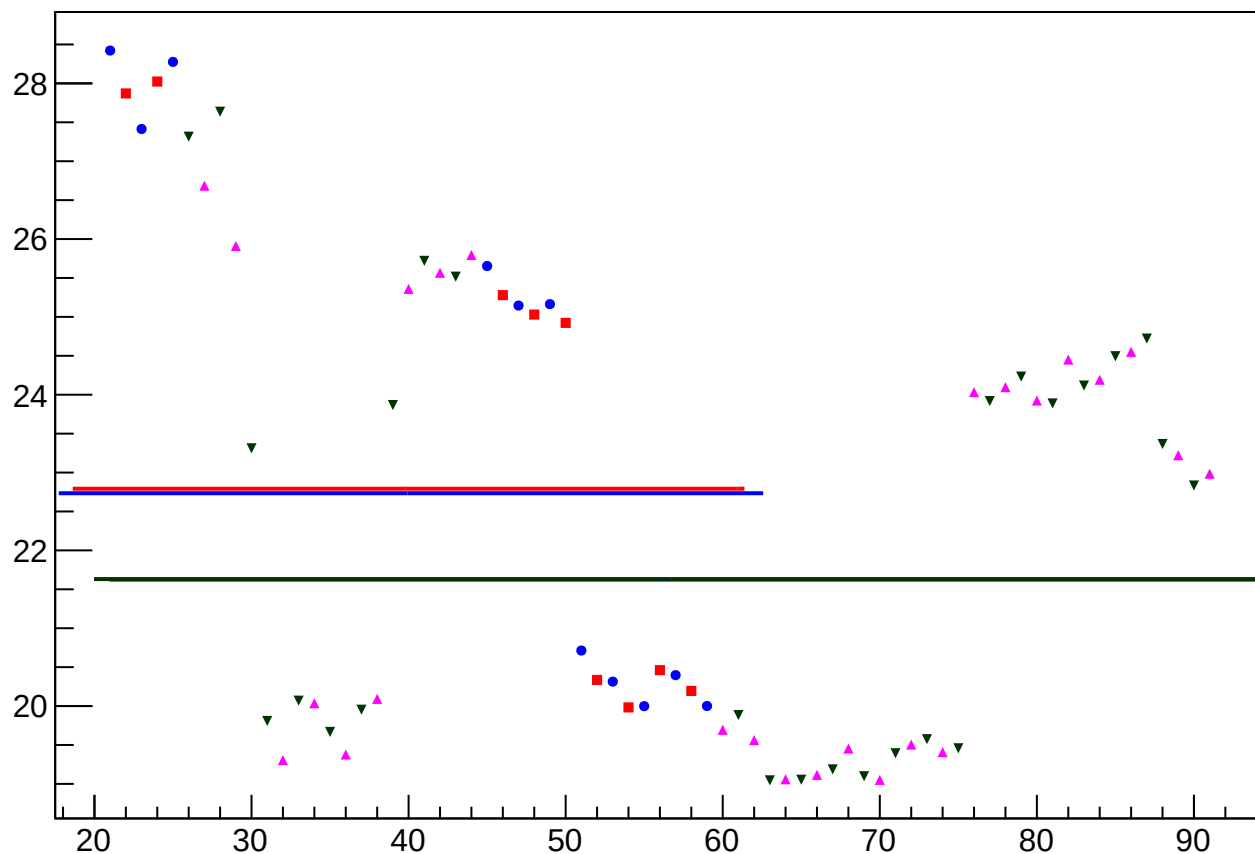
Right Out: 25.598 $\pm$ 10.631 χ^2 /NDF: 5.7/8

Left In: -1.482 $\pm$ 5.859 χ^2 /NDF: 31.6/24

7.927 $\pm$ 5.086 χ^2 /NDF: 46.6/36

4.828 $\pm$ 5.132 χ^2 /NDF: 42.3/33

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: 21.631+/-0.004 χ^2/NDF : 391793.3/25

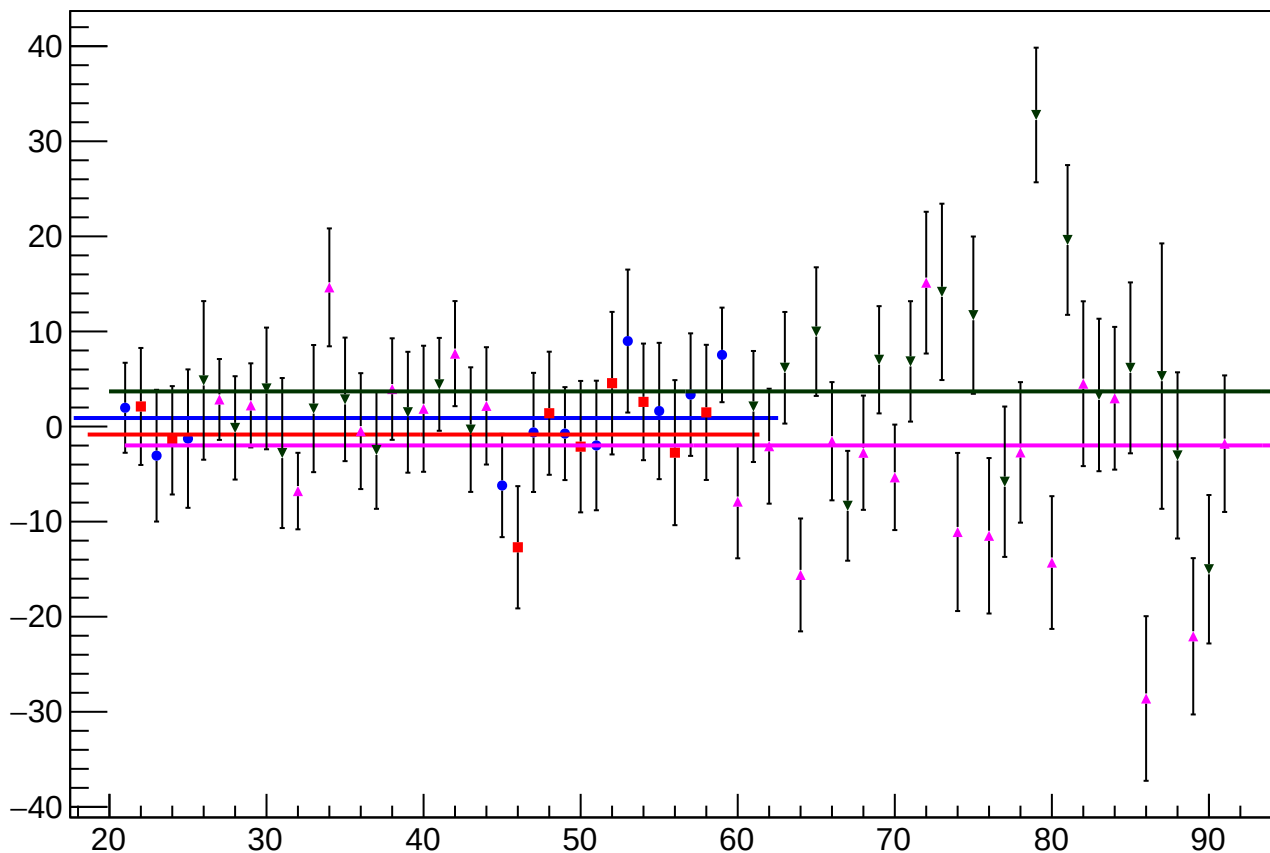
Right Out: 22.792+/-0.008 χ^2/NDF : 171809.2/8

Left In: 21.621+/-0.004 χ^2/NDF : 427633.8/24

21.966+/-0.004 χ^2/NDF : 638942.6/36

21.894+/-0.004 χ^2/NDF : 618056.7/33

diff_bpm12X_mean vs slug



Right In: 0.896 ± 1.800 χ^2/NDF : 5.6/10

Left Out: 3.695 ± 1.338 χ^2/NDF : 39.9/25

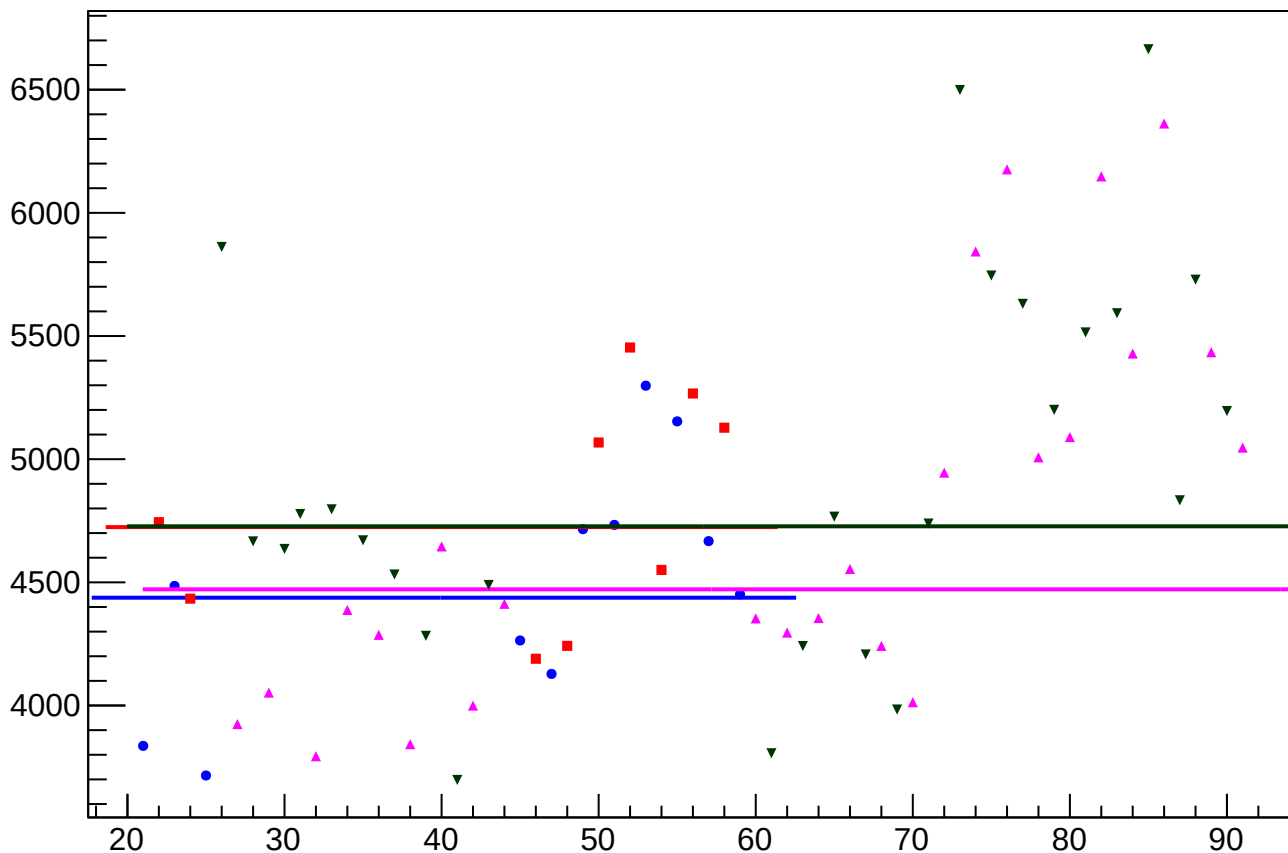
Right Out: -0.841 ± 2.195 χ^2/NDF : 4.8/8

Left In: -1.986 ± 1.219 χ^2/NDF : 49.9/24

2.698 ± 1.074 χ^2/NDF : 47.1/36

-1.716 ± 1.066 χ^2/NDF : 55.0/33

diff_bpm12X_rms vs slug



Right In: 4437.698+/-1.272 χ^2/NDF : 117960.0/10

Left Out: 4727.491+/-0.946 χ^2/NDF : 563968.9/25

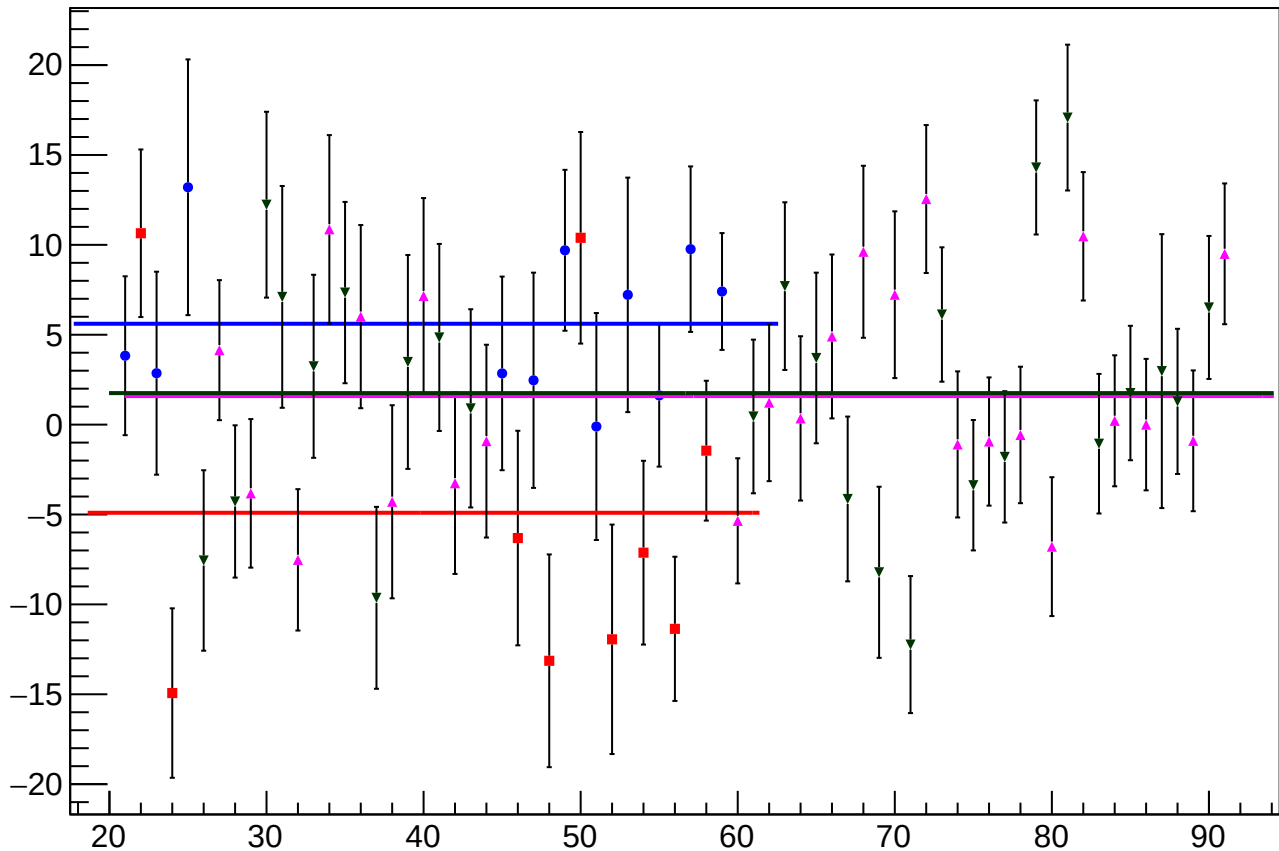
Right Out: 4724.306+/-1.552 χ^2/NDF : 72165.1/8

Left In: 4471.645+/-0.862 χ^2/NDF : 592817.6/24

4624.289+/-0.759 χ^2/NDF : 715323.8/36

4531.219+/-0.754 χ^2/NDF : 685237.7/33

diff_bpm12Y_mean vs slug



Right In: 5.611 ± 1.460 $\chi^2/\text{NDF}: 5.9/10$

Left Out: 1.753 ± 0.872 $\chi^2/\text{NDF}: 70.5/25$

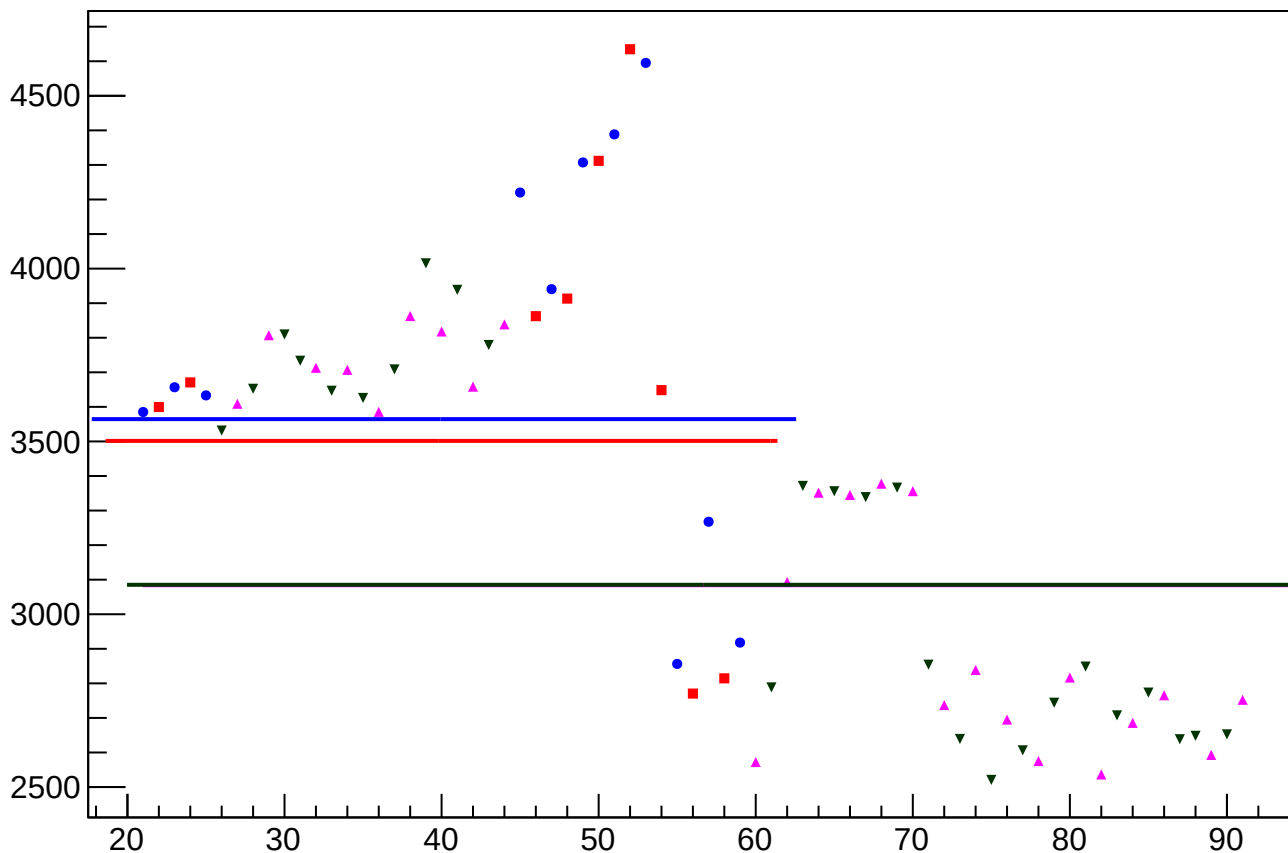
Right Out: -4.903 ± 1.649 $\chi^2/\text{NDF}: 29.2/8$

Left In: 1.589 ± 0.839 $\chi^2/\text{NDF}: 47.7/24$

2.767 ± 0.749 $\chi^2/\text{NDF}: 81.6/36$

0.255 ± 0.748 $\chi^2/\text{NDF}: 89.2/33$

diff_bpm12Y_rms vs slug



Right In: 3564.540 $\pm$ 1.033 χ^2 /NDF: 328793.1/10

Left Out: 3085.213 $\pm$ 0.617 χ^2 /NDF: 590844.1/25

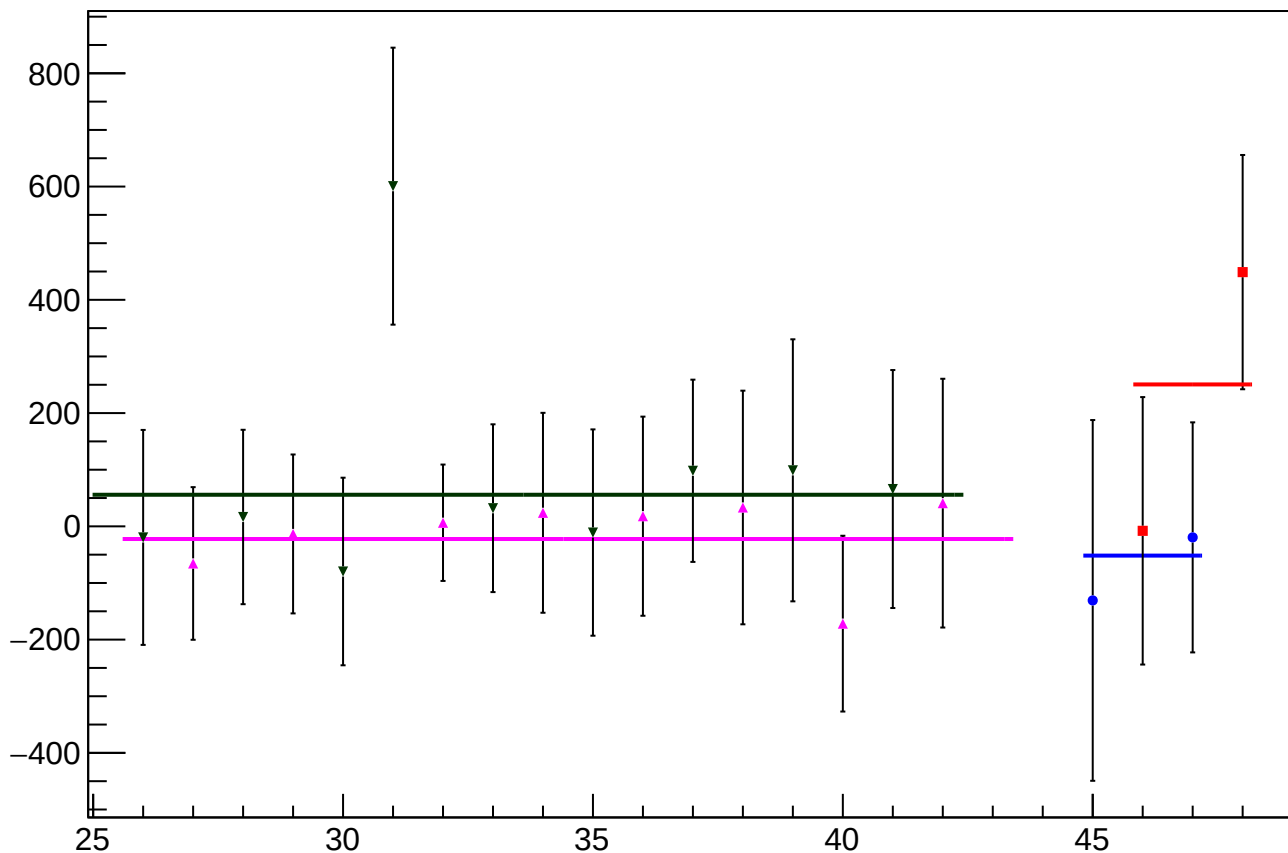
Right Out: 3501.546 $\pm$ 1.166 χ^2 /NDF: 251919.4/8

Left In: 3083.910 $\pm$ 0.593 χ^2 /NDF: 634090.7/24

3211.219 $\pm$ 0.529 χ^2 /NDF: 1078441.7/36

3169.736 $\pm$ 0.529 χ^2 /NDF: 987899.1/33

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 ± 171.258 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 55.788 ± 59.892 $\chi^2/\text{NDF}: 6.1/8$

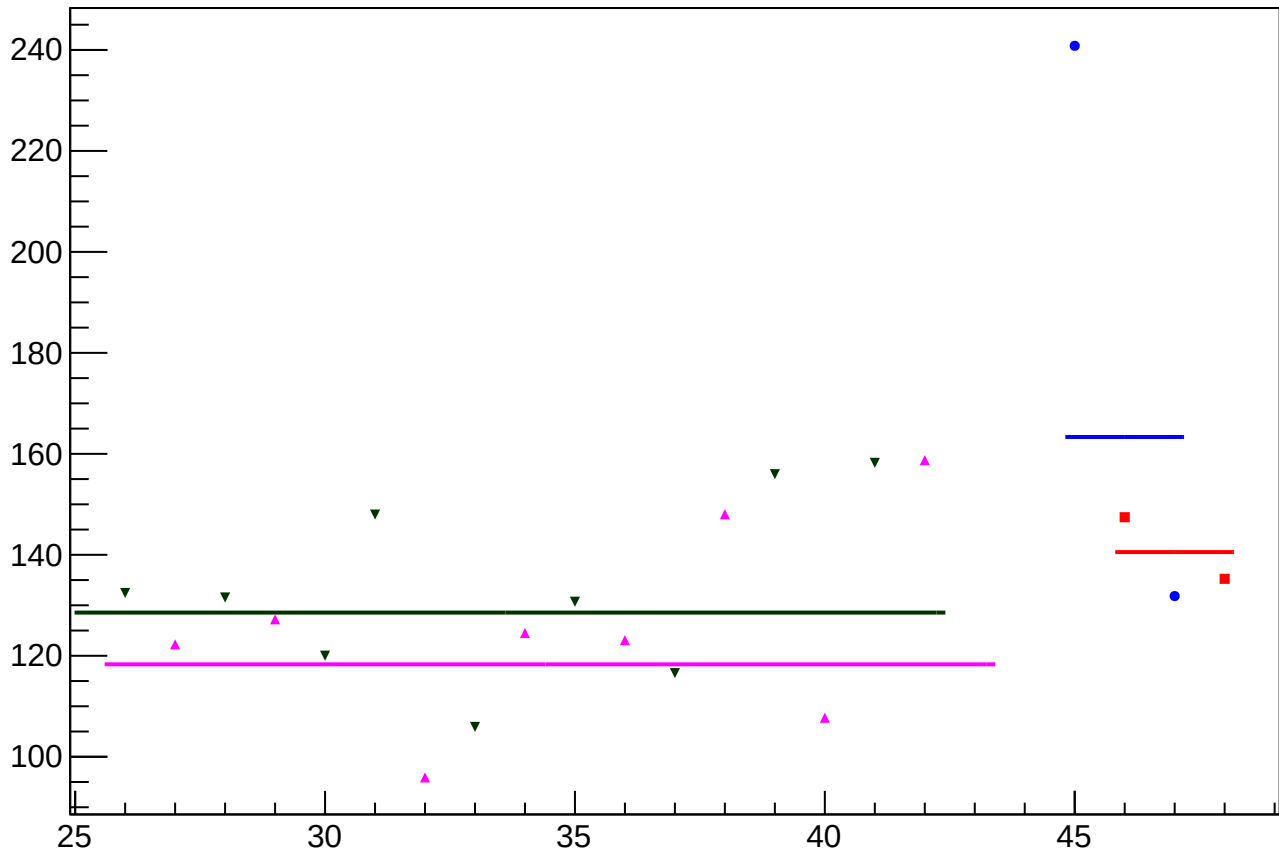
Right Out: 250.594 ± 155.594 $\chi^2/\text{NDF}: 2.1/1$

Left In: -22.351 ± 53.393 $\chi^2/\text{NDF}: 1.4/7$

44.079 ± 56.535 $\chi^2/\text{NDF}: 6.6/10$

6.403 ± 50.502 $\chi^2/\text{NDF}: 6.3/9$

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340 ± 0.121 χ^2/NDF : 166487.1/1

Left Out: 128.560 ± 0.042 χ^2/NDF : 145575.3/8

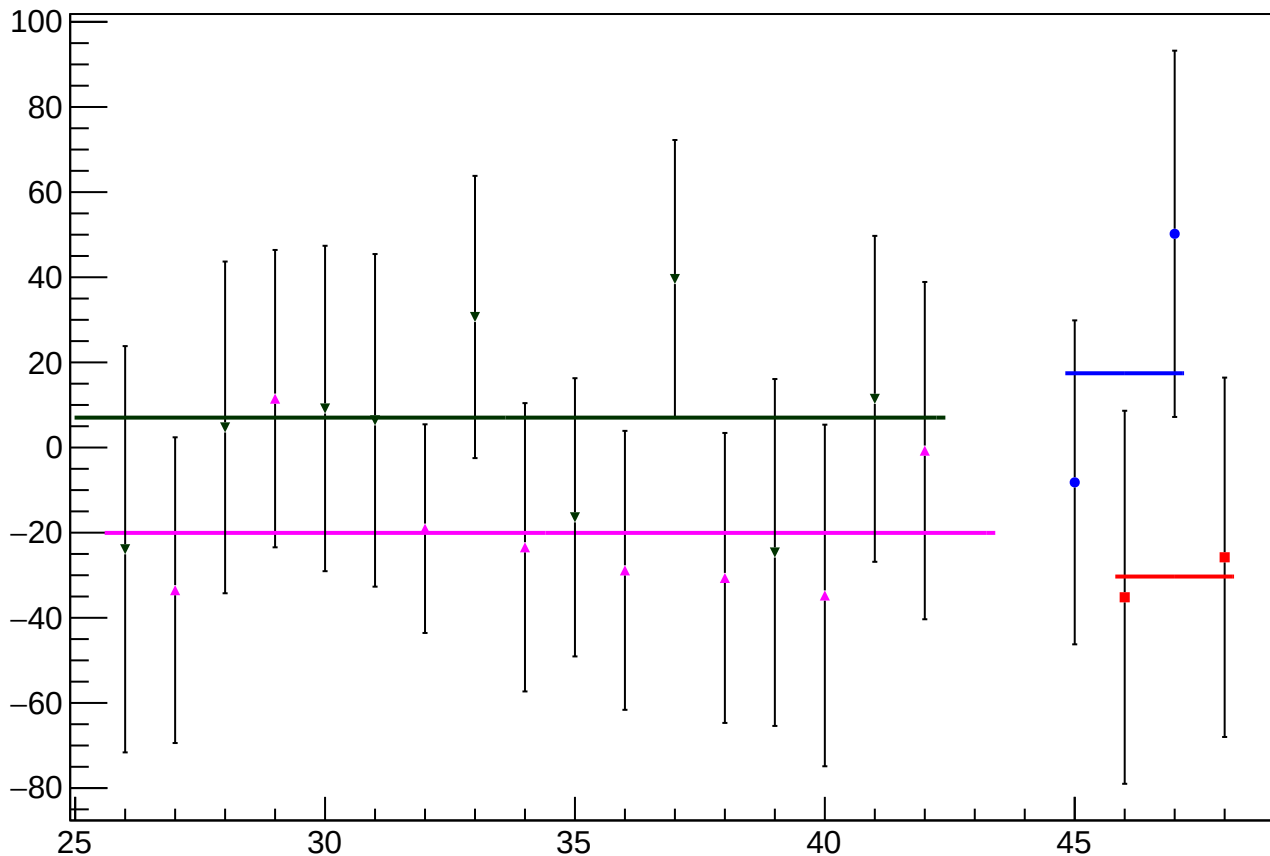
Right Out: 140.541 ± 0.110 χ^2/NDF : 3022.7/1

Left In: 118.311 ± 0.038 χ^2/NDF : 227483.3/7

132.350 ± 0.040 χ^2/NDF : 385559.7/10

120.652 ± 0.036 χ^2/NDF : 267030.1/9

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

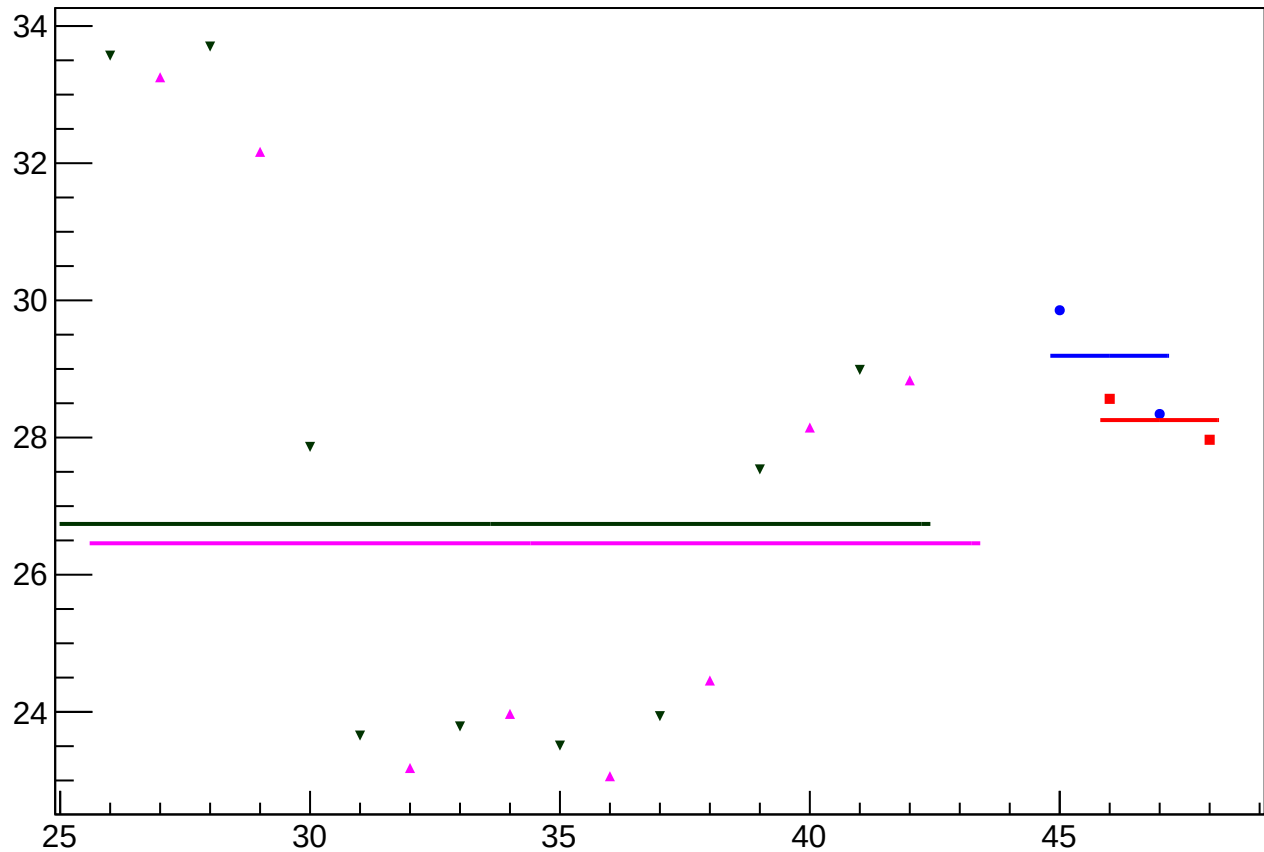
Right Out: -30.306 $\pm$ 30.400 χ^2/NDF : 0.0/1

Left In: -20.053 $\pm$ 11.799 χ^2/NDF : 1.5/7

8.686 $\pm$ 11.369 χ^2/NDF : 4.2/10

-21.395 $\pm$ 10.999 χ^2/NDF : 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2 /NDF: 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2 /NDF:176771.5/8

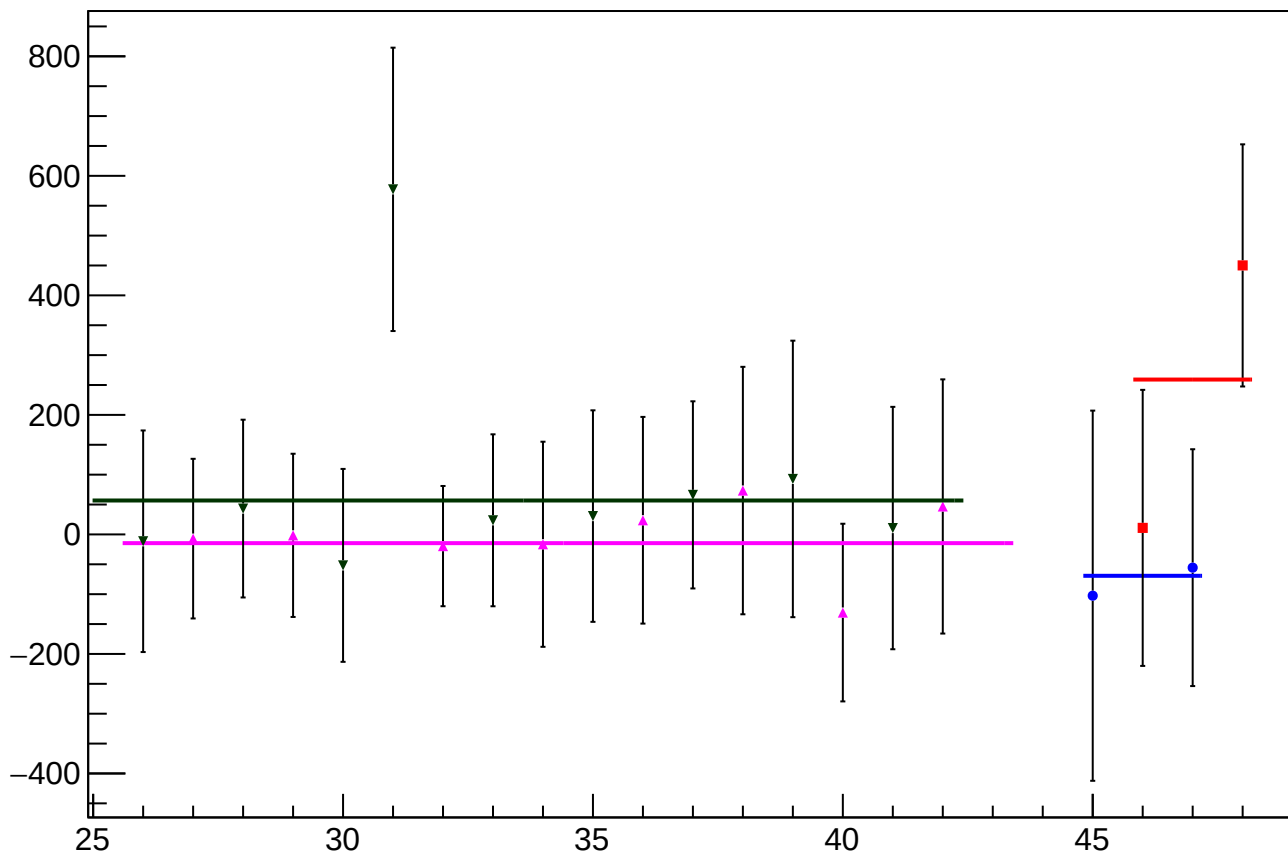
Right Out: 28.255 $\pm$ 0.021 χ^2 /NDF: 192.3/1

Left In: 26.458 $\pm$ 0.008 χ^2 /NDF:210657.2/7

27.130 $\pm$ 0.008 χ^2 /NDF: 190601.8/10

26.693 $\pm$ 0.008 χ^2 /NDF: 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2 /NDF: 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2 /NDF: 5.6/8

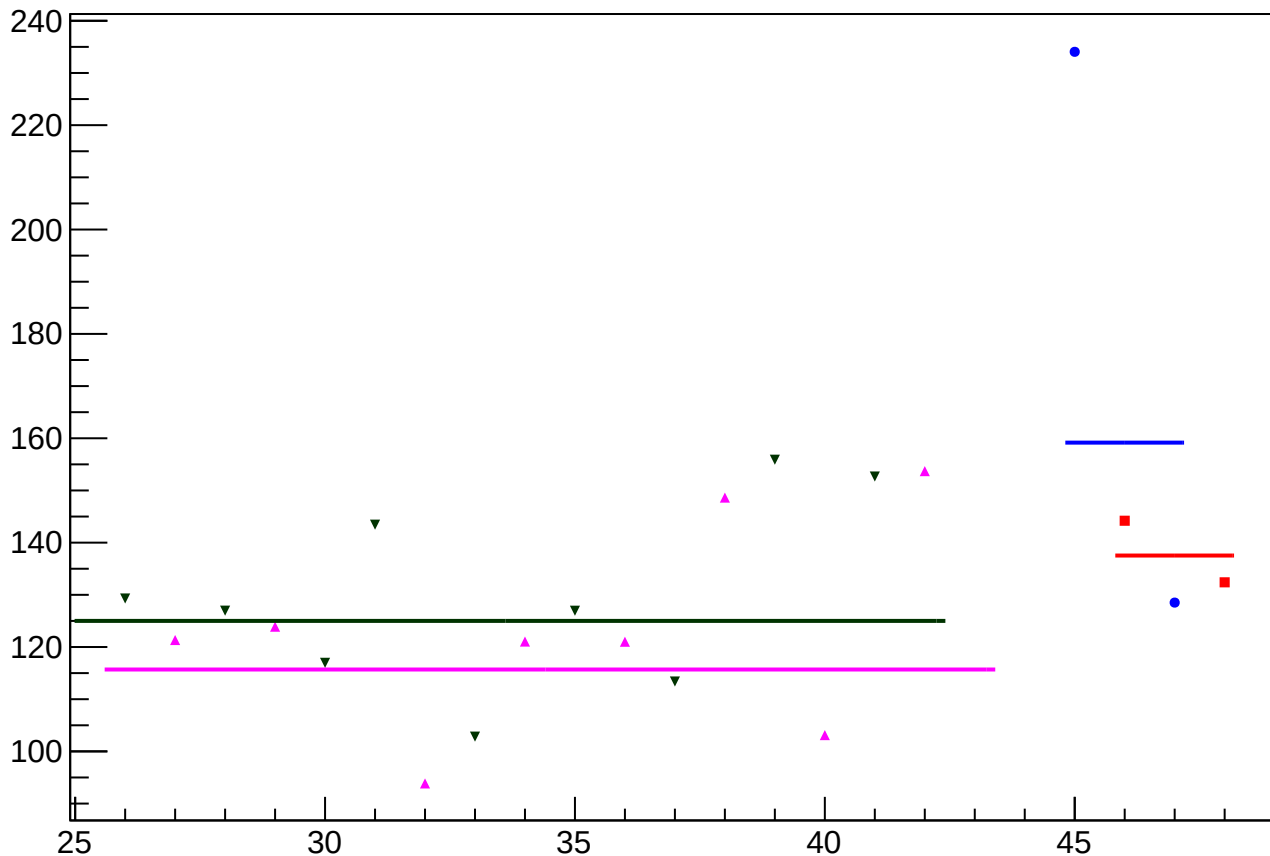
Right Out: 259.134 $\pm$ 152.302 χ^2 /NDF: 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2 /NDF: 0.9/7

43.074 $\pm$ 55.012 χ^2 /NDF: 6.1/10

14.199 $\pm$ 49.403 χ^2 /NDF: 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167 $\pm$ 0.118 χ^2 /NDF: 164807.4/1

Left Out: 125.005 $\pm$ 0.041 χ^2 /NDF: 150125.6/8

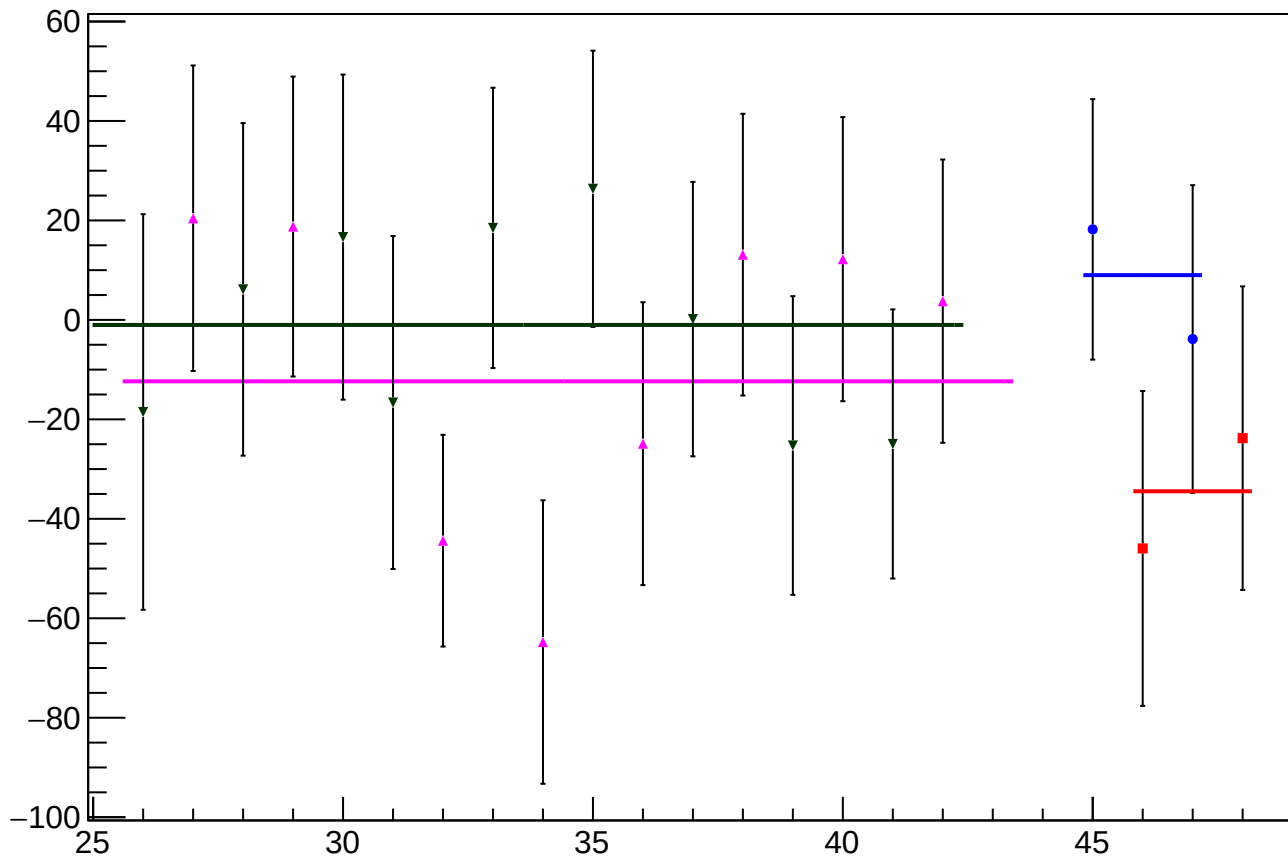
Right Out: 137.529 $\pm$ 0.108 χ^2 /NDF: 2951.2/1

Left In: 115.690 $\pm$ 0.037 χ^2 /NDF: 237670.3/7

128.716 $\pm$ 0.039 χ^2 /NDF: 389614.7/10

117.988 $\pm$ 0.035 χ^2 /NDF: 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

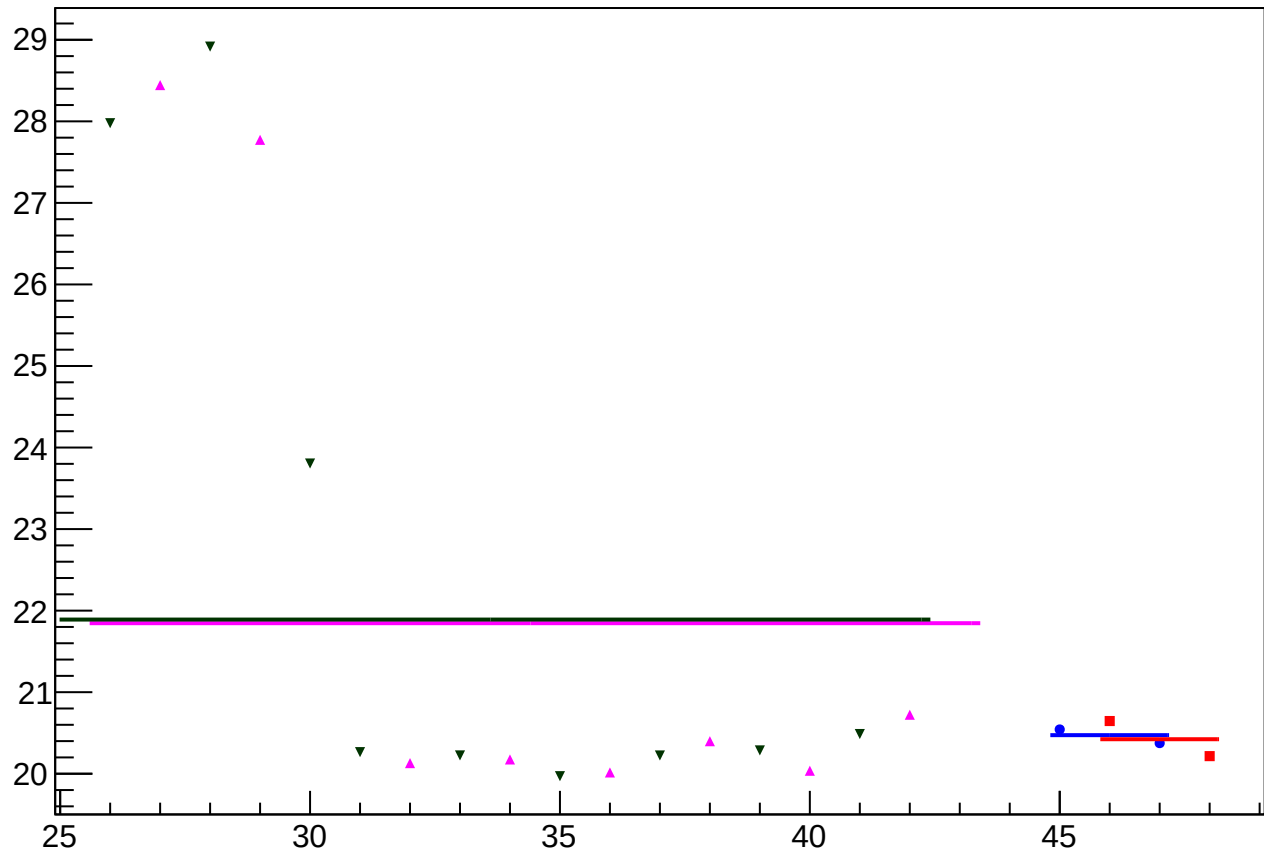
Right Out: -34.463 $\pm$ 21.974 χ^2 /NDF: 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2 /NDF: 9.9/7

1.038 $\pm$ 9.053 χ^2 /NDF: 4.1/10

-15.987 $\pm$ 8.906 χ^2 /NDF: 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

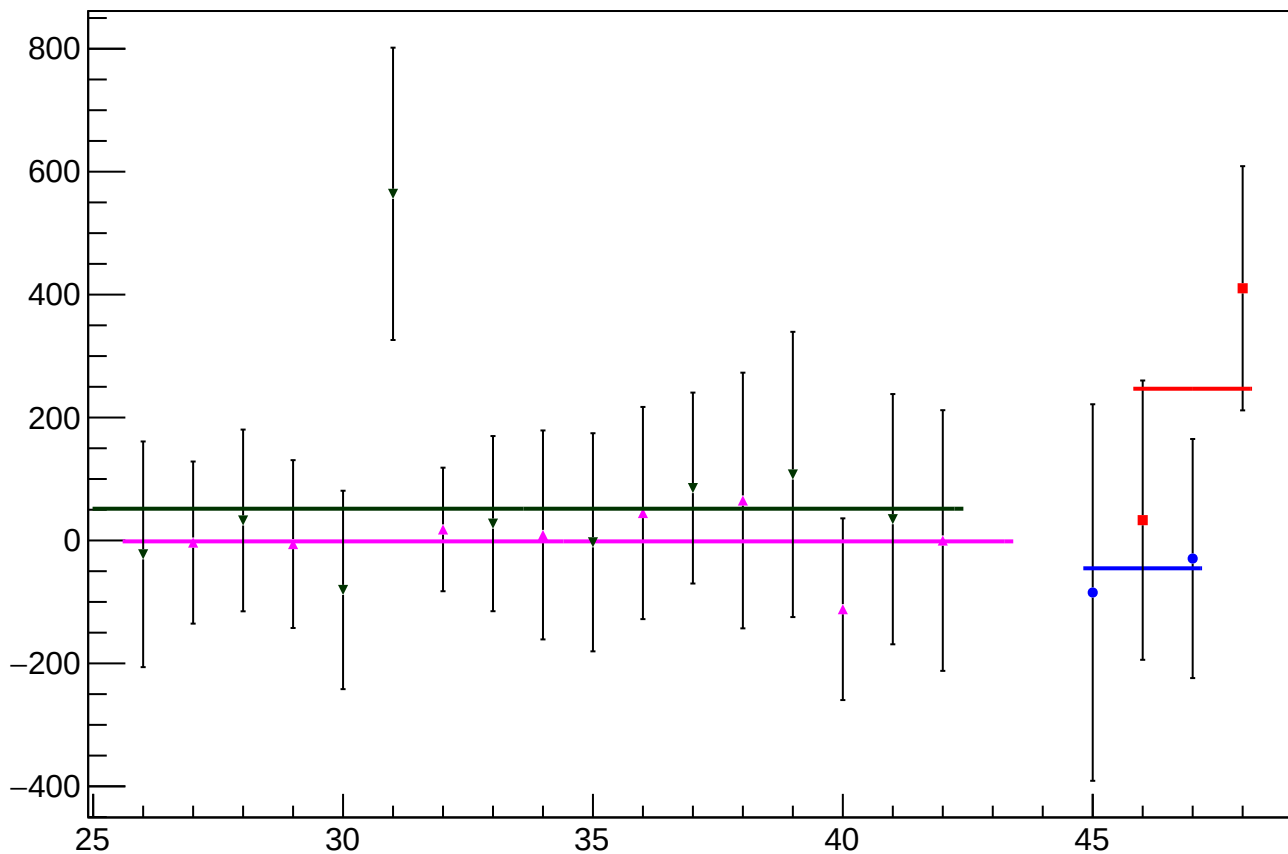
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

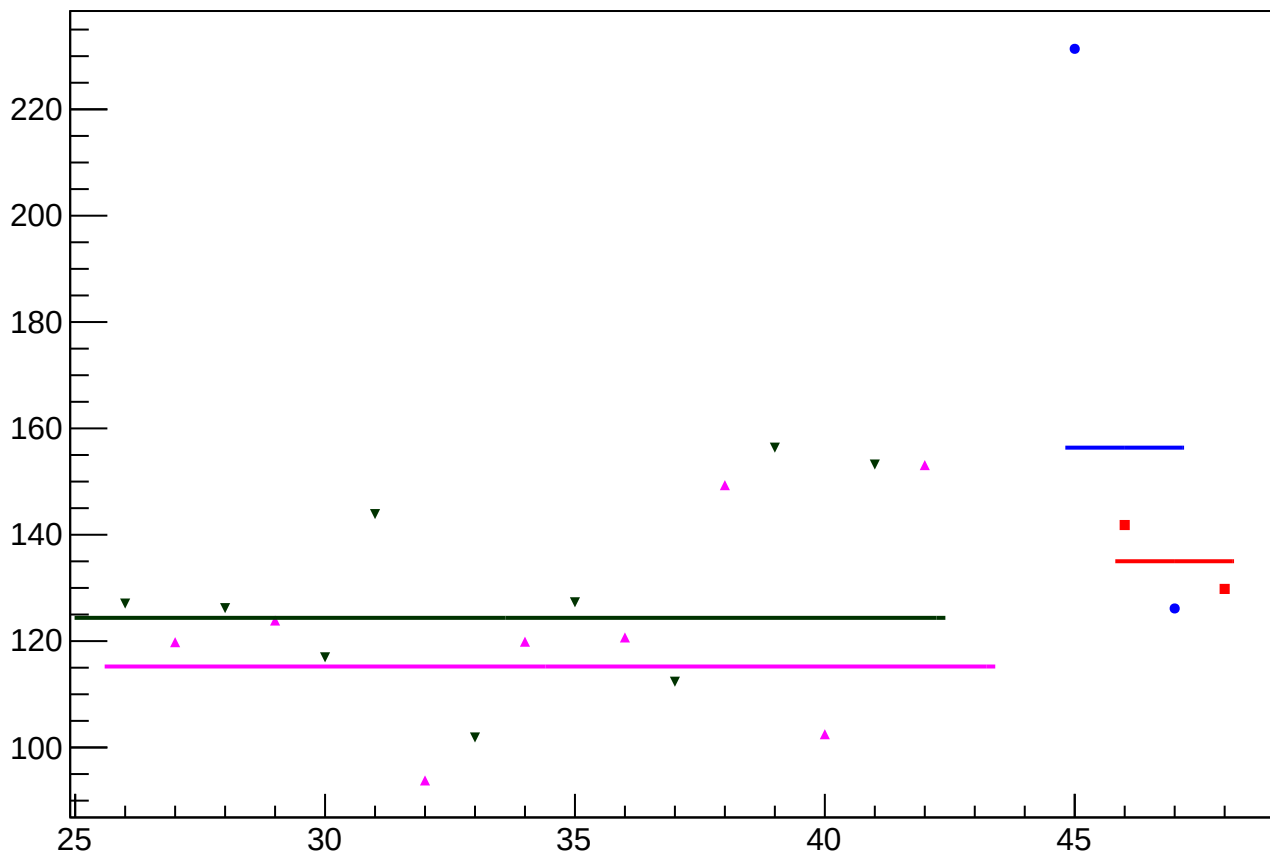
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF: 0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

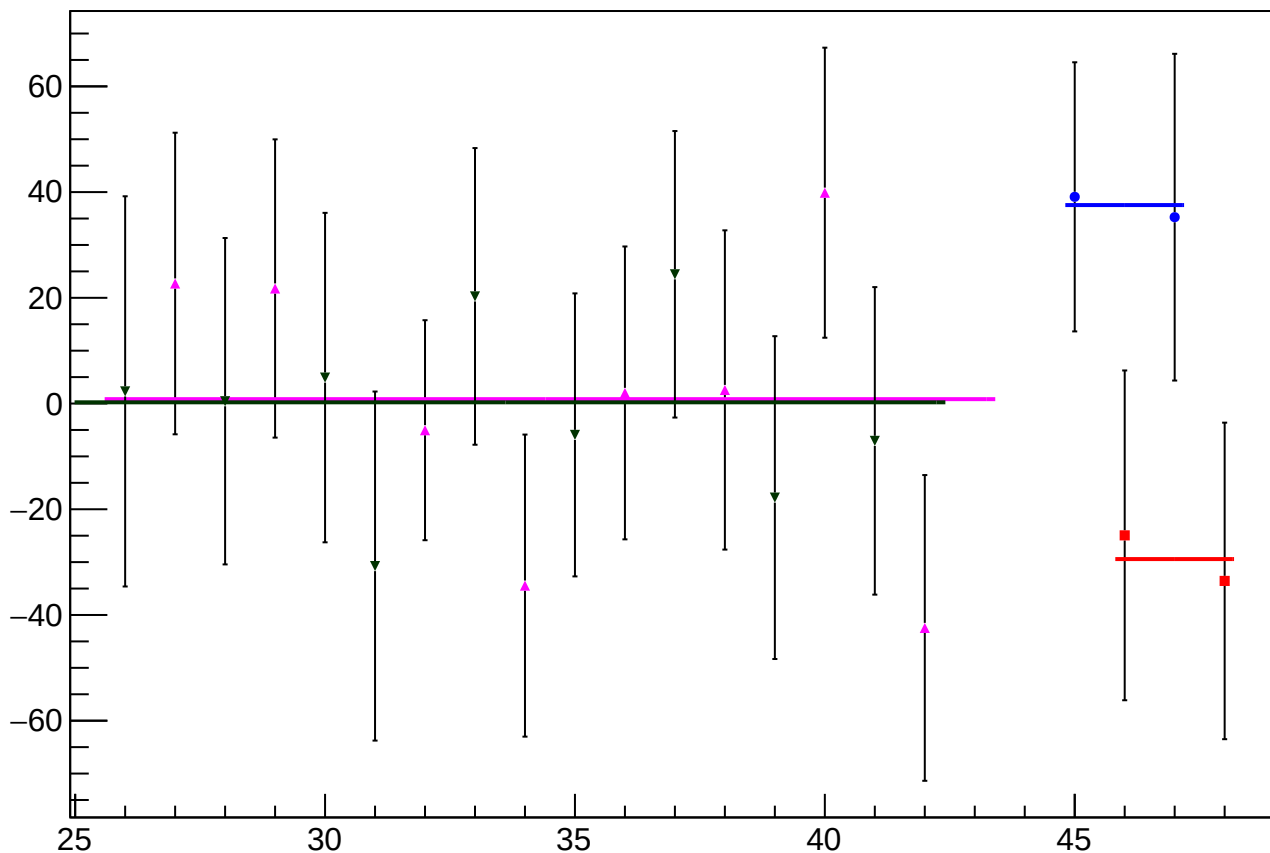
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

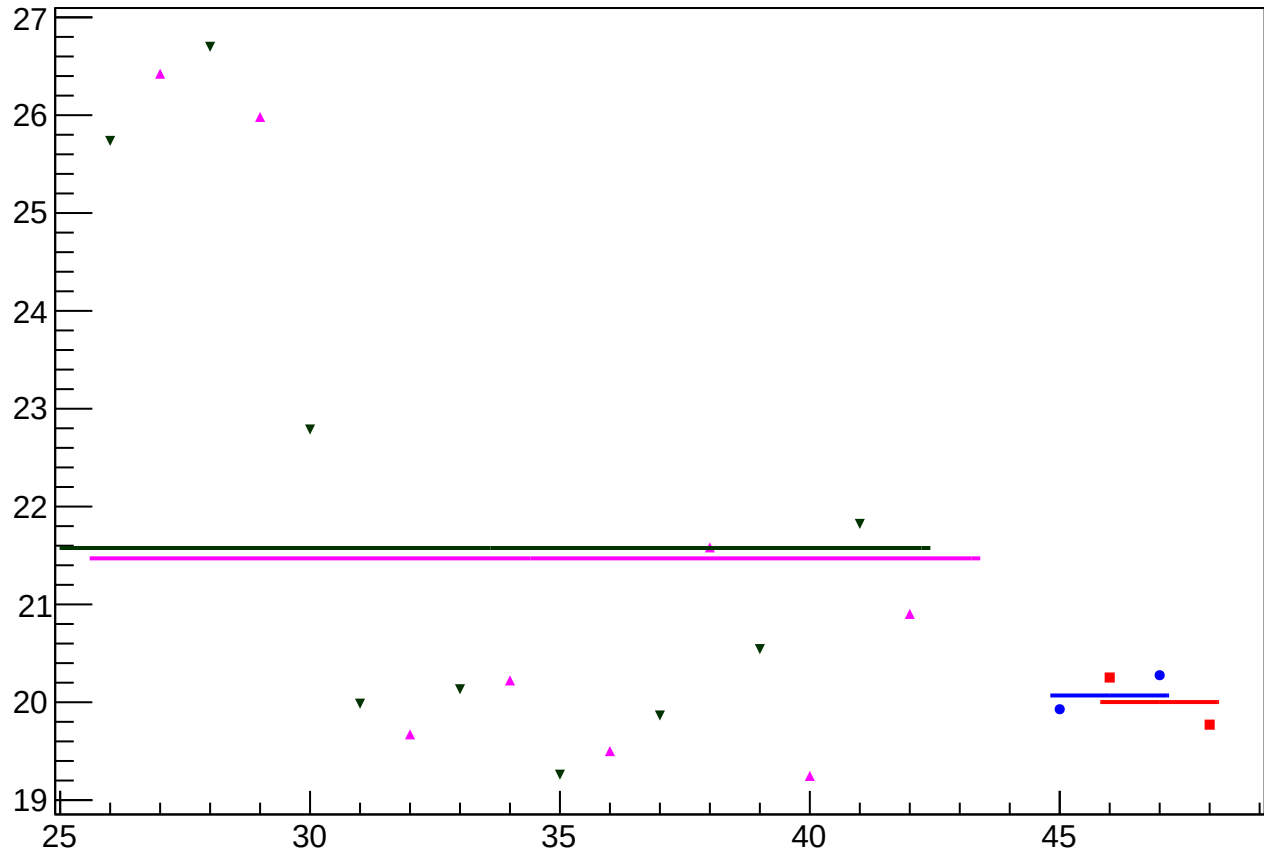
Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

7.902+/-8.908 χ^2/NDF : 5.6/10

-4.125+/-8.742 χ^2/NDF : 8.7/9

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 ± 0.014 χ^2/NDF : 150.7/1

Left Out: 21.577 ± 0.007 χ^2/NDF : 118812.1/8

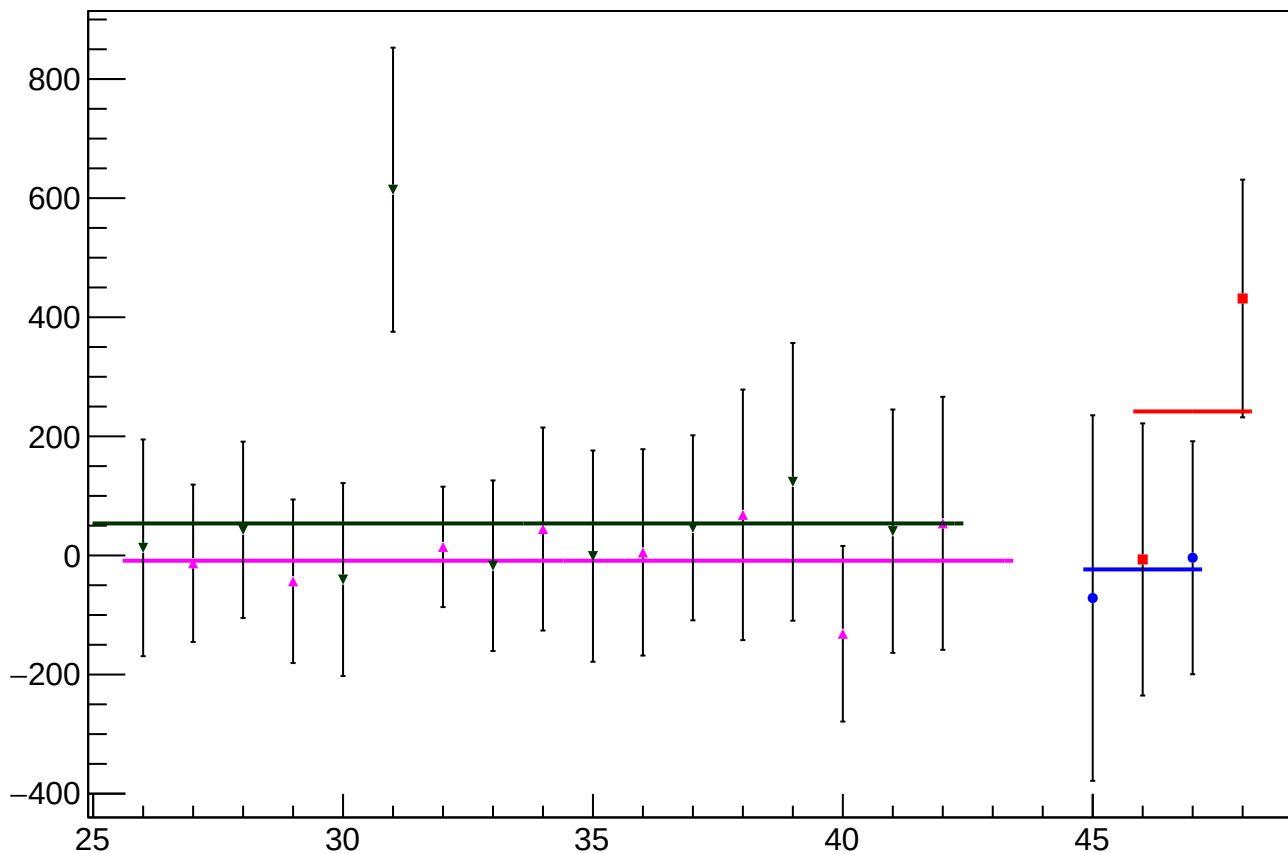
Right Out: 20.002 ± 0.015 χ^2/NDF : 248.4/1

Left In: 21.471 ± 0.007 χ^2/NDF : 154241.5/7

21.267 ± 0.006 χ^2/NDF : 128313.3/10

21.230 ± 0.006 χ^2/NDF : 162220.1/9

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2/NDF : 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2/NDF : 6.3/8

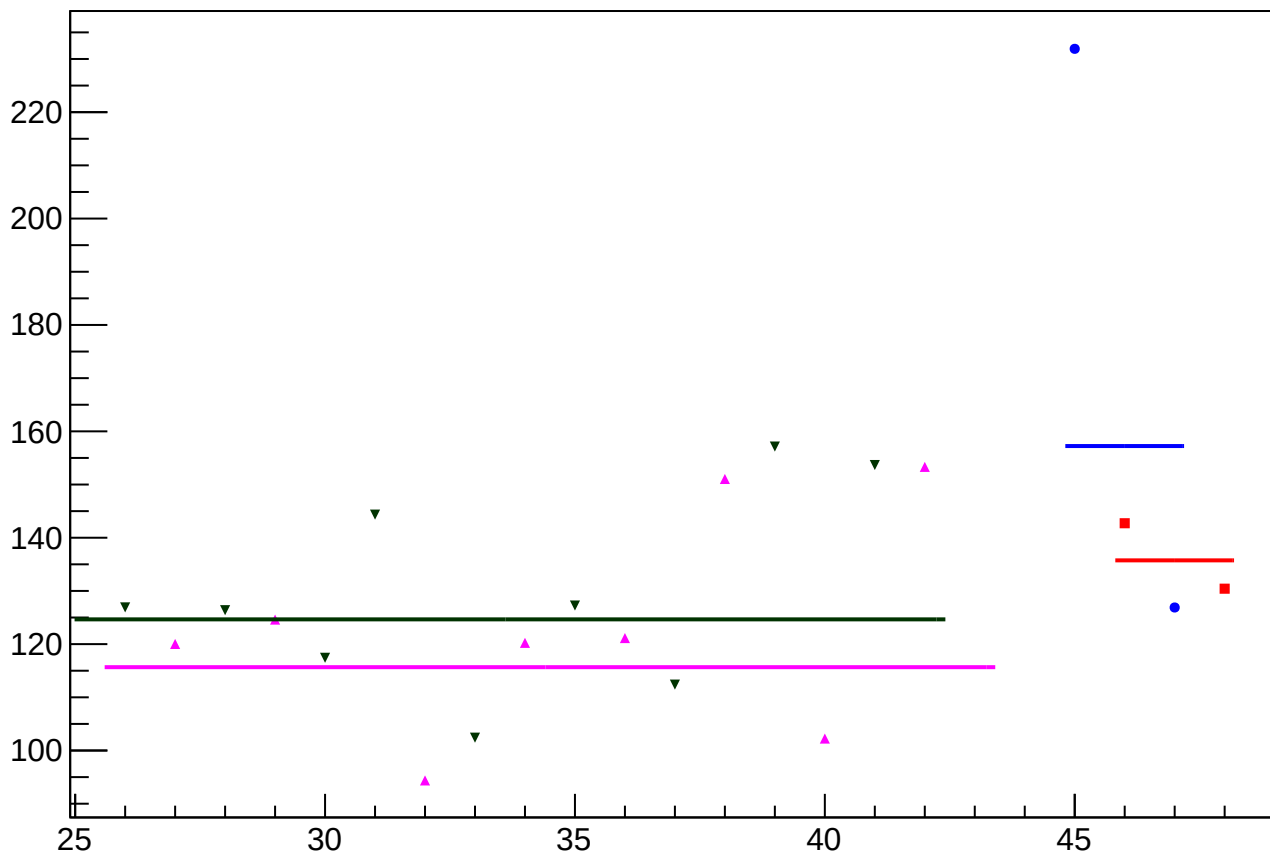
Right Out: 241.812 $\pm$ 150.311 χ^2/NDF : 2.1/1

Left In: -8.870 $\pm$ 52.228 χ^2/NDF : 1.1/7

45.213 $\pm$ 54.837 χ^2/NDF : 6.6/10

18.134 $\pm$ 49.334 χ^2/NDF : 5.7/9

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236+/-0.117 χ^2/NDF : 166522.0/1

Left Out: 124.654+/-0.041 χ^2/NDF : 158453.5/8

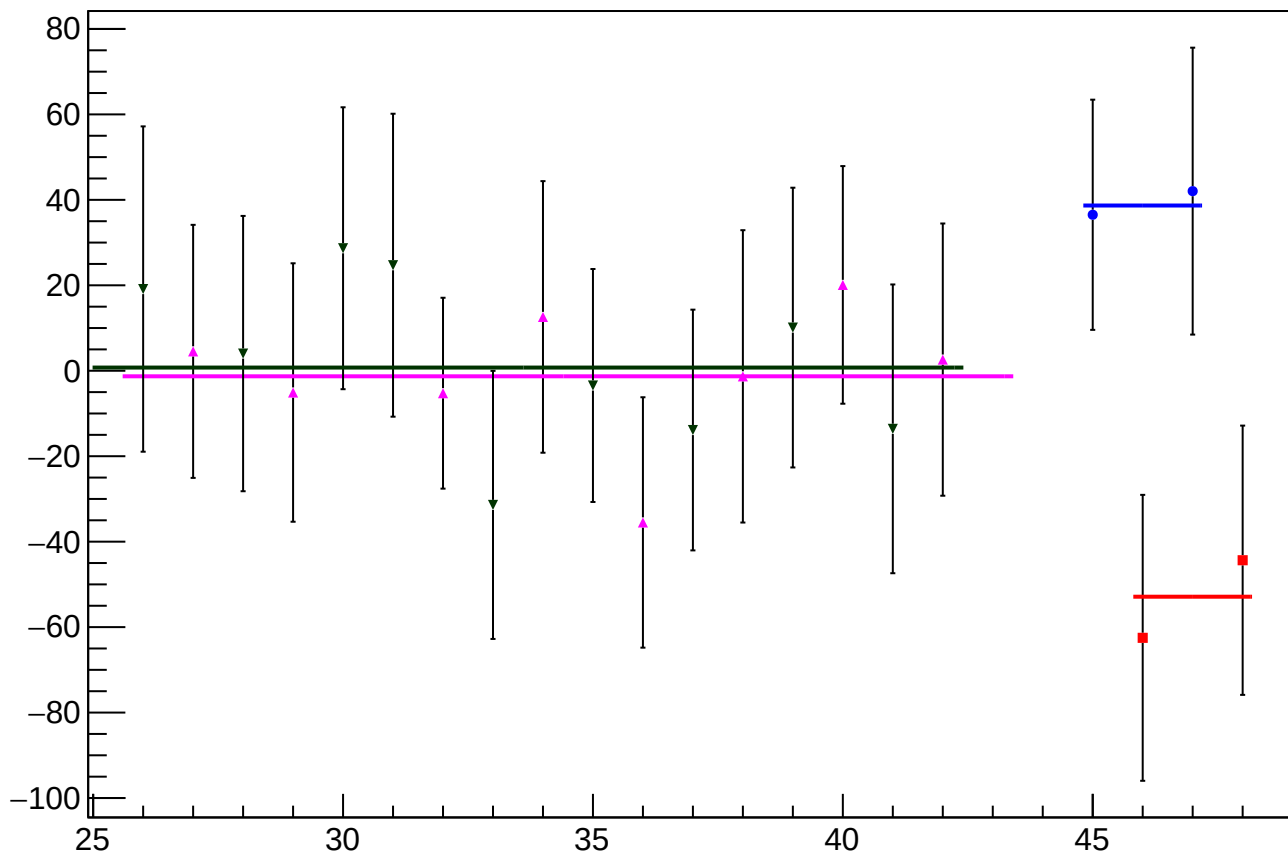
Right Out: 135.746+/-0.106 χ^2/NDF : 3289.9/1

Left In: 115.666+/-0.037 χ^2/NDF : 238759.2/7

128.254+/-0.039 χ^2/NDF : 394359.2/10

117.829+/-0.035 χ^2/NDF : 273895.5/9

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675+/-21.011 χ^2/NDF : 0.0/1

Left Out: 0.747+/-10.661 χ^2/NDF : 3.0/8

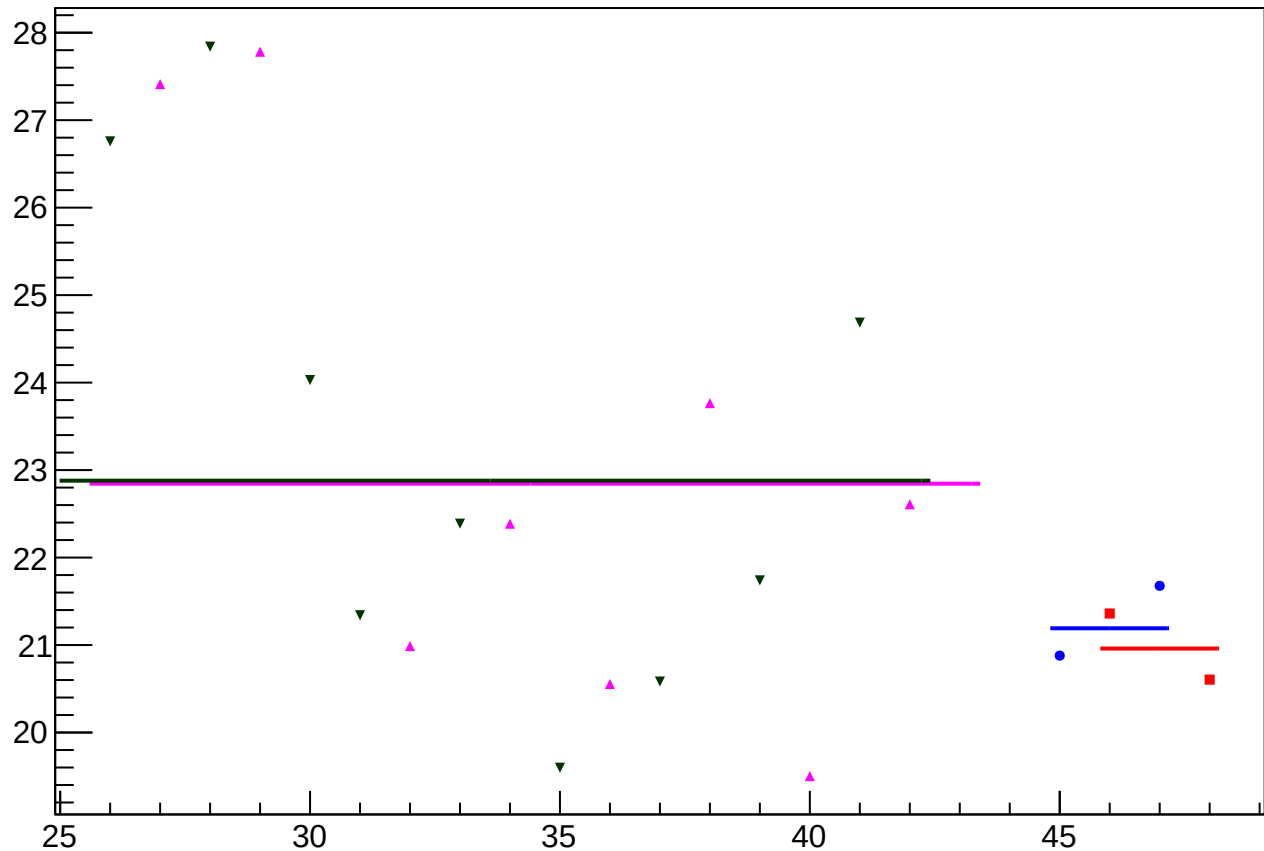
Right Out: -52.882+/-22.940 χ^2/NDF : 0.2/1

Left In: -1.298+/-10.246 χ^2/NDF : 2.2/7

8.513+/-9.507 χ^2/NDF : 5.6/10

-9.877+/-9.355 χ^2/NDF : 6.6/9

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 $\pm$ 0.015 χ^2 /NDF: 687.1/1

Left Out: 22.879 $\pm$ 0.008 χ^2 /NDF:125279.7/8

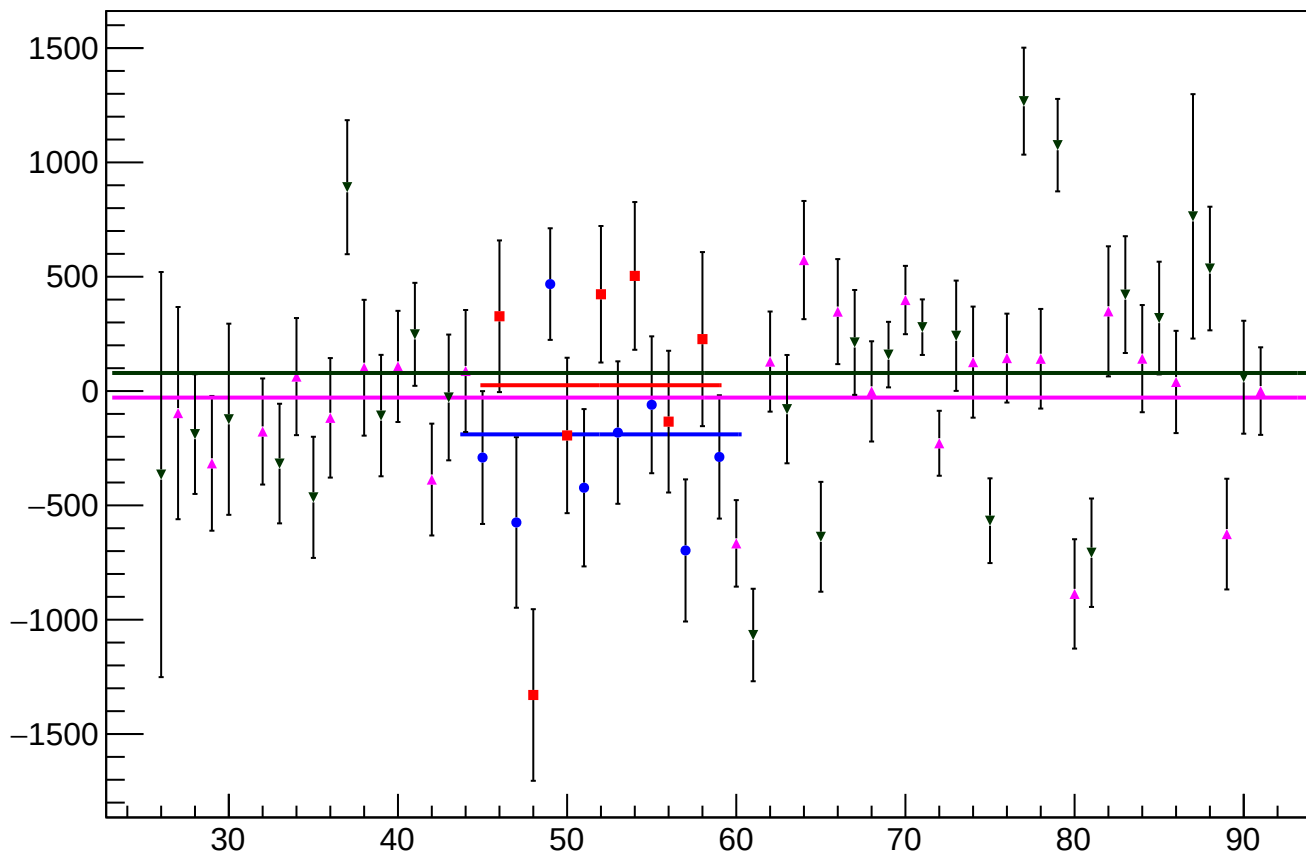
22.533 $\pm$ 0.007 χ^2 /NDF: 136226.3/10

Right Out: 20.960 $\pm$ 0.016 χ^2 /NDF: 540.7/1

22.531 $\pm$ 0.007 χ^2 /NDF: 169585.5/9

Left In: 22.845 $\pm$ 0.007 χ^2 /NDF:157790.8/7

asym_sam_15_avg_mean vs slug



Right In: -189.421 ± 105.505 χ^2/NDF : 11.9/7

Left Out: 79.022 ± 45.814 χ^2/NDF : 142.7/24

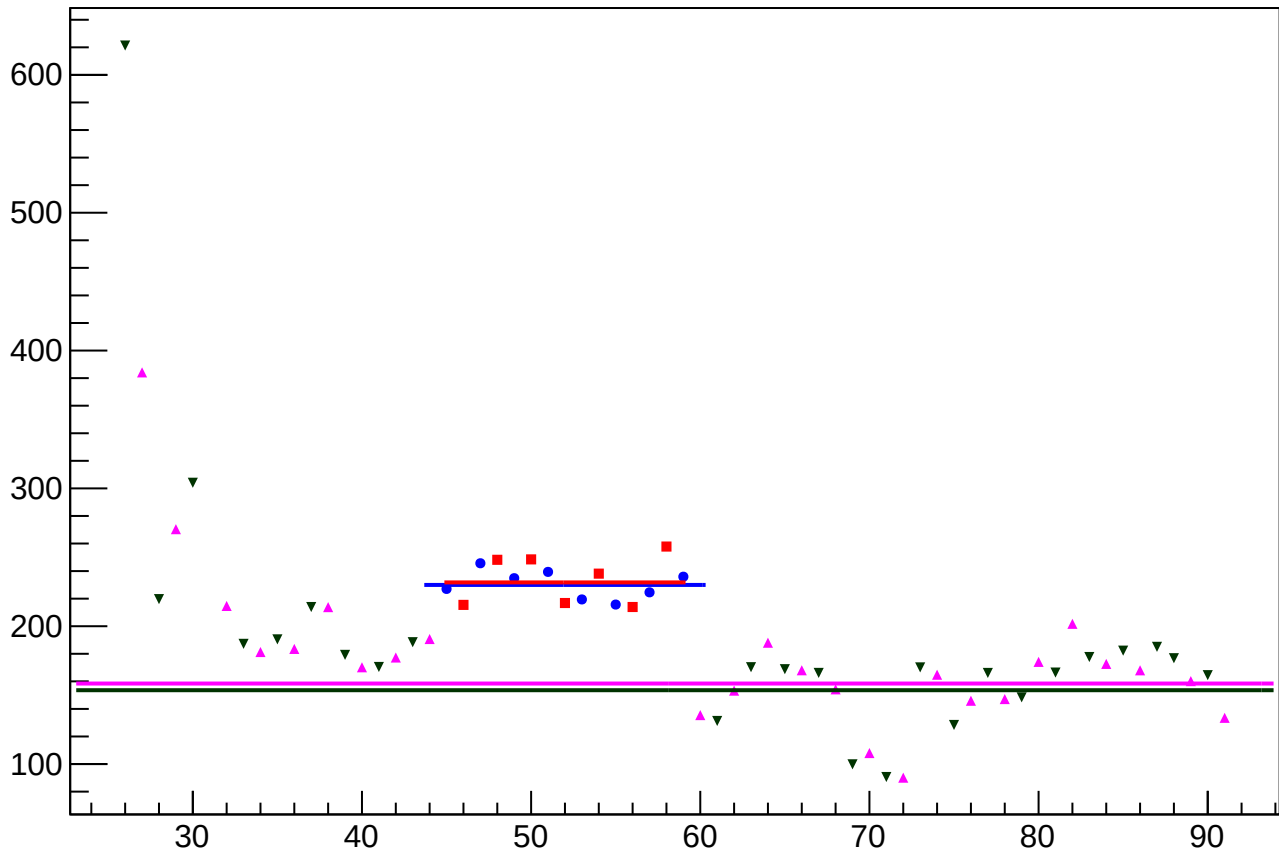
Right Out: 25.446 ± 126.033 χ^2/NDF : 18.8/6

Left In: -28.595 ± 44.795 χ^2/NDF : 57.8/24

36.434 ± 42.023 χ^2/NDF : 160.0/32

-22.534 ± 42.208 χ^2/NDF : 76.7/31

asym_sam_15_avg_rms vs slug



Right In: 229.960+/-0.075 χ^2/NDF : 14455.2/7

Left Out: 153.575+/-0.032 χ^2/NDF : 2159754.9/24

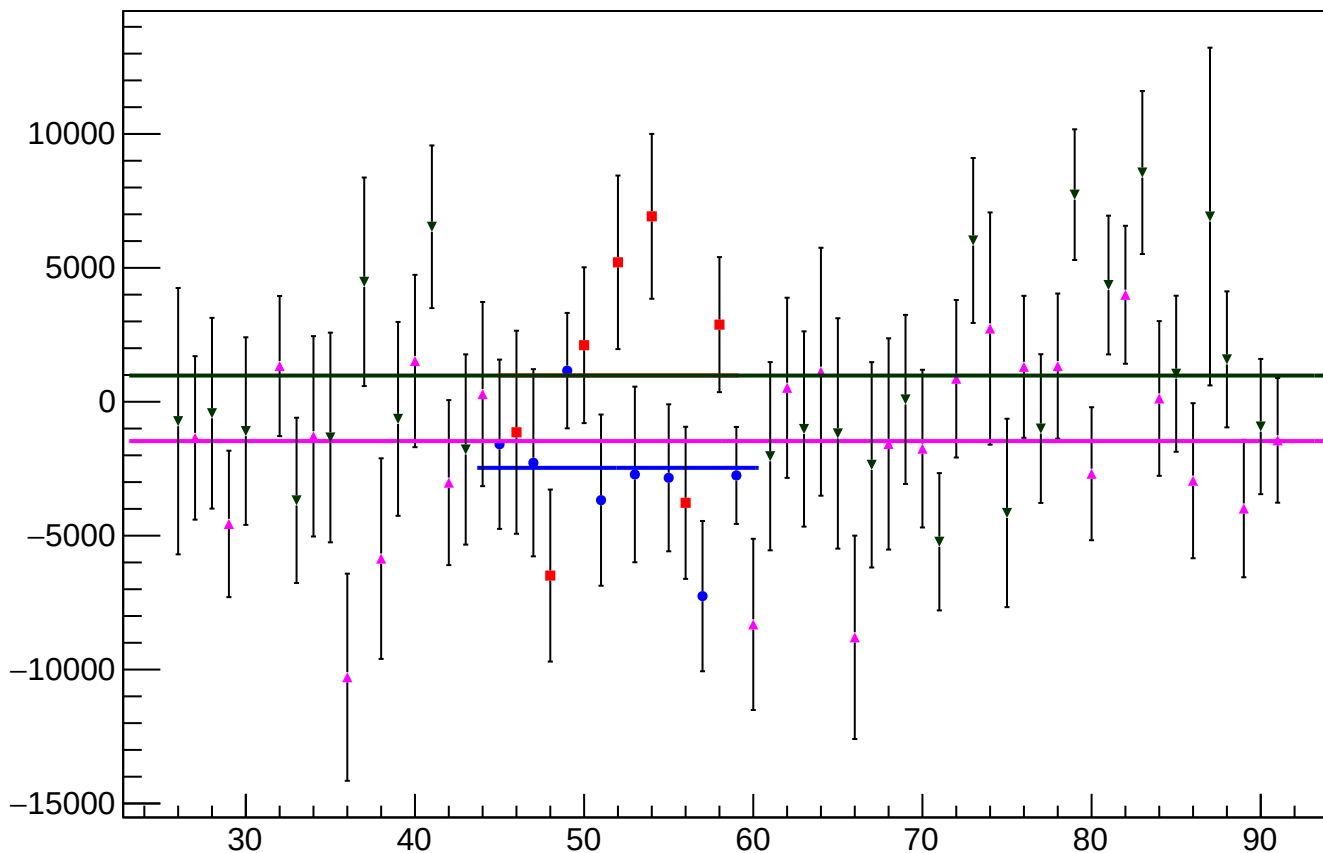
165.693+/-0.030 χ^2/NDF : 3056241.7/32

Right Out: 231.786+/-0.089 χ^2/NDF : 35244.6/6

166.646+/-0.030 χ^2/NDF : 2532966.1/31

Left In: 158.417+/-0.032 χ^2/NDF : 1895951.3/24

asym_sam_26_avg_mean vs slug



Right In: -2467.043 $\pm$ 931.211 χ^2 /NDF: 6.0/7

Left Out: 978.801 $\pm$ 641.820 χ^2 /NDF:38.6/24

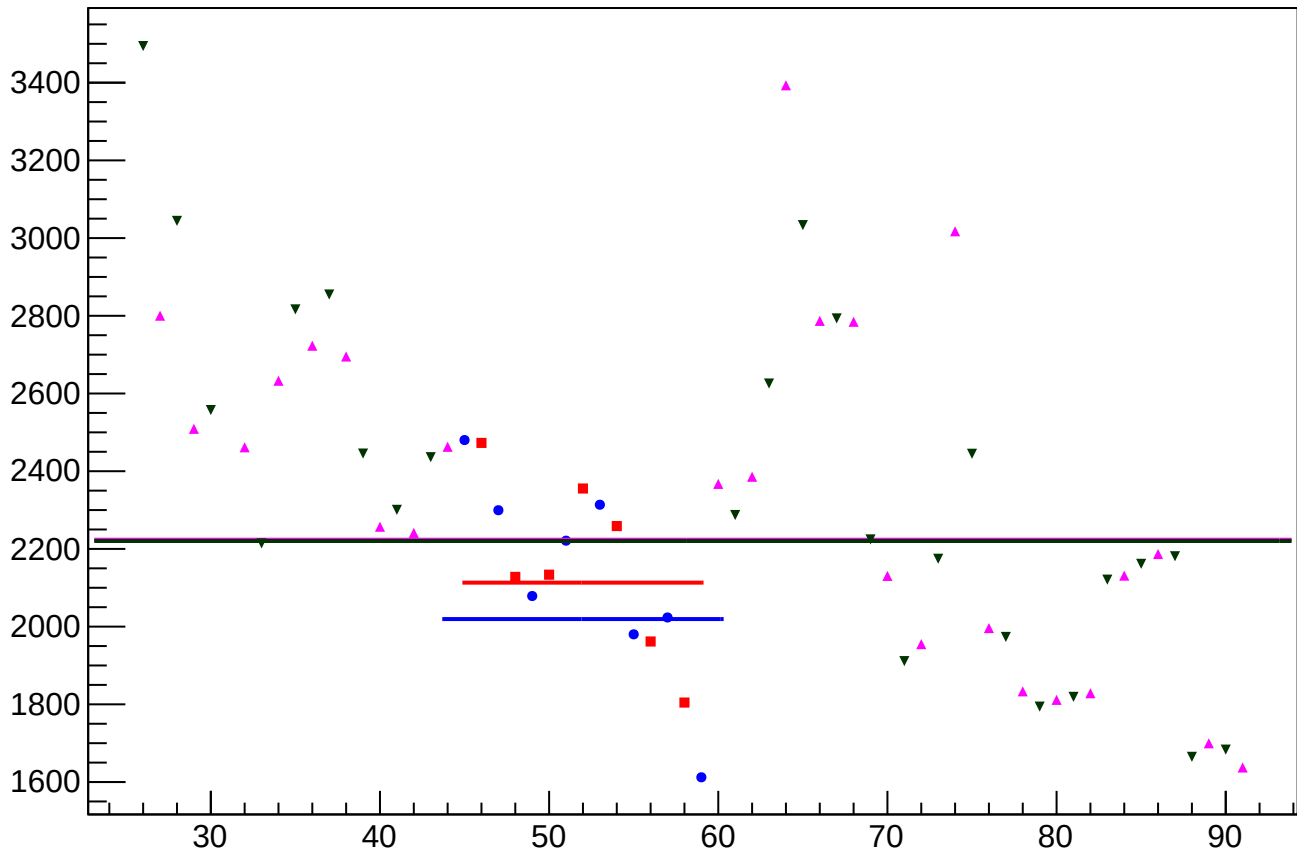
Right Out: 982.029 $\pm$ 1142.039 χ^2 /NDF: 14.7/6

Left In: -1467.068 $\pm$ 608.495 χ^2 /NDF:29.4/24

-130.942 $\pm$ 528.459 χ^2 /NDF: 53.9/32

-925.529 $\pm$ 537.023 χ^2 /NDF: 47.6/31

asym_sam_26_avg_rms vs slug



Right In: 2019.476+/-0.658 χ^2/NDF : 182583.1/7

Left Out: 2220.408+/-0.454 χ^2/NDF : 866006.5/24

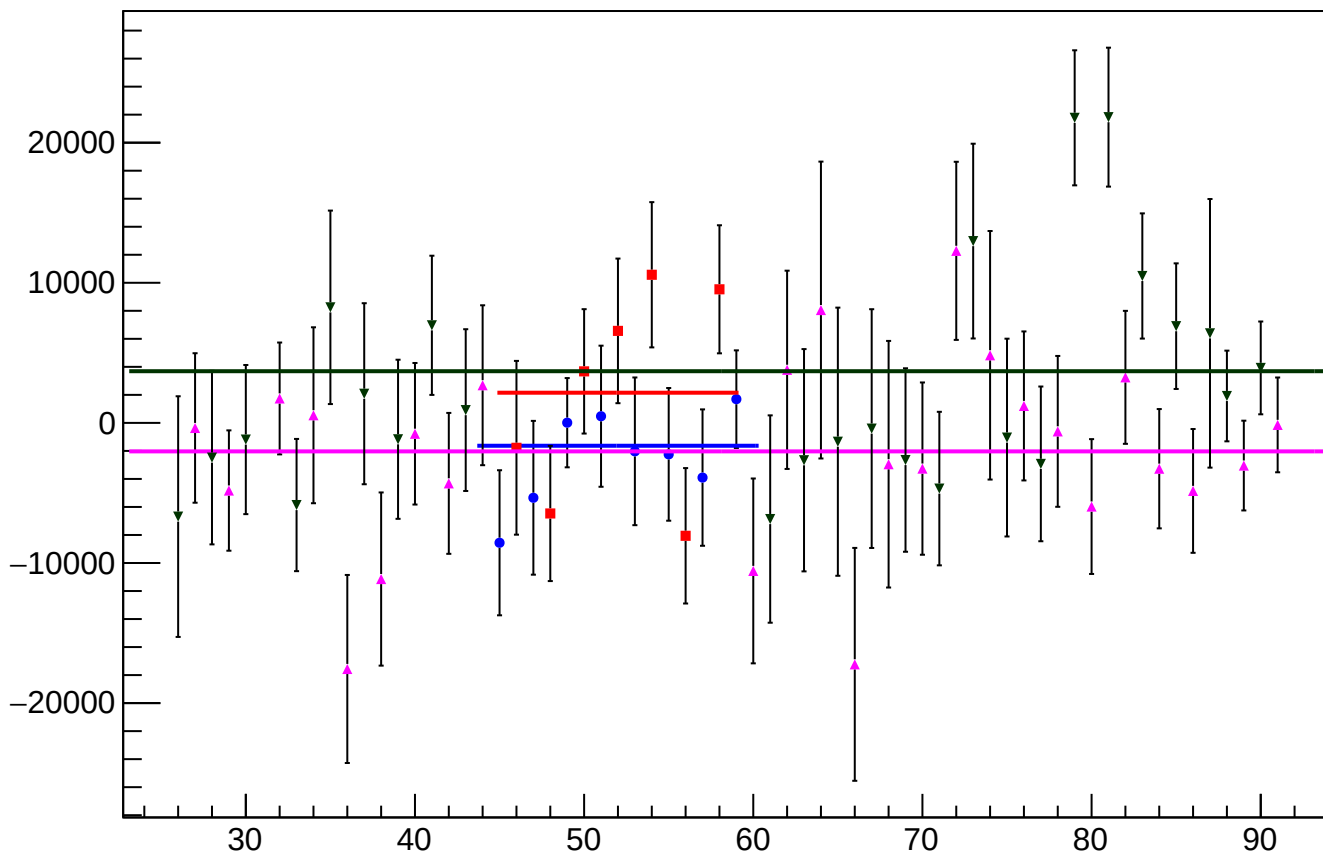
Right Out: 2113.197+/-0.808 χ^2/NDF : 69460.8/6

Left In: 2223.672+/-0.430 χ^2/NDF : 885988.6/24

2155.697+/-0.374 χ^2/NDF : 1111718.5/32

2199.244+/-0.380 χ^2/NDF : 970026.5/31

asym_sam_37_avg_mean vs slug



Right In: -1630.895 $\pm$ 1554.672 χ^2 /NDF: 3.8/7

Left Out: 3688.957 $\pm$ 1093.386 χ^2 /NDF:50.1/24

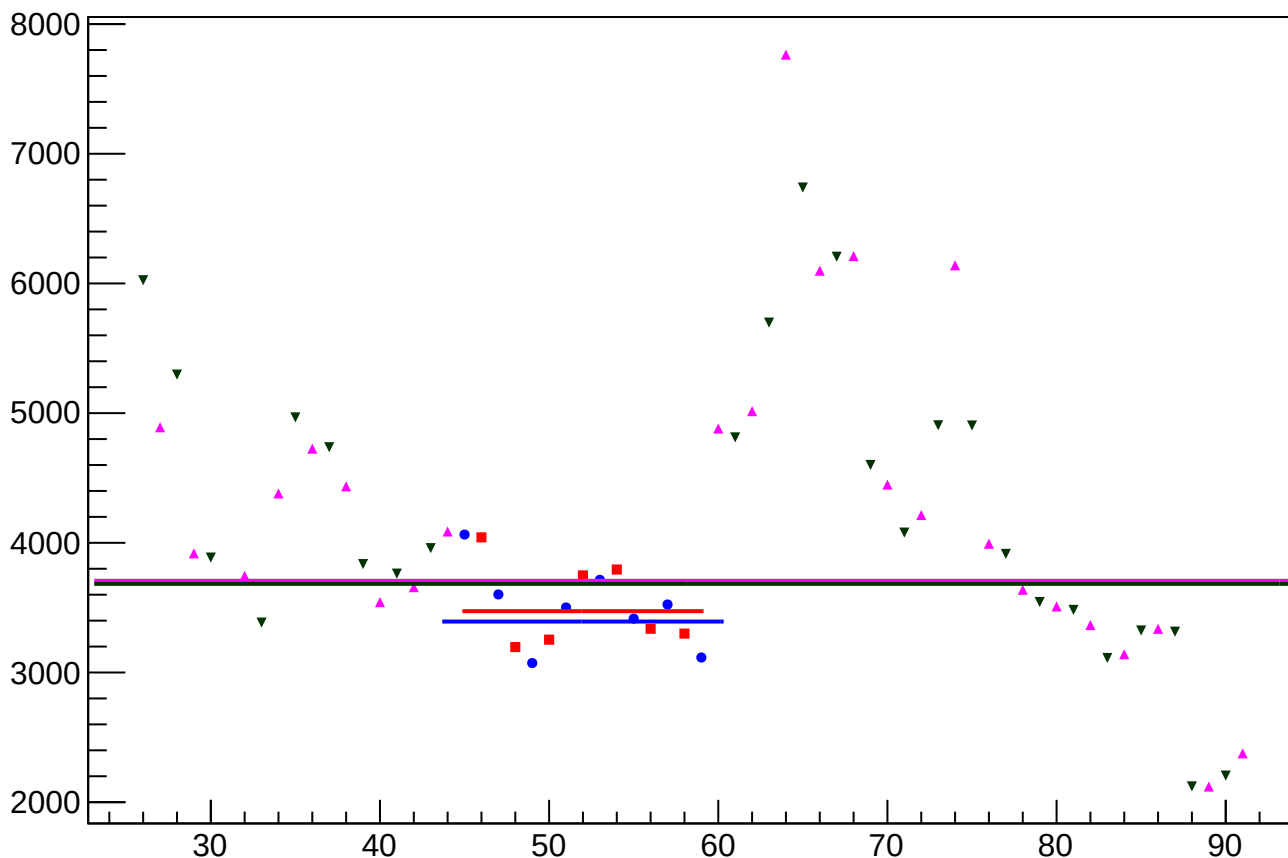
Right Out: 2154.093 $\pm$ 1872.607 χ^2 /NDF: 14.2/6

Left In: -2033.700 $\pm$ 1038.524 χ^2 /NDF:25.6/24

1928.445 $\pm$ 894.352 χ^2 /NDF: 61.8/32

-1048.644 $\pm$ 908.206 χ^2 /NDF: 43.6/31

asym_sam_37_avg_rms vs slug



Right In: 3392.990 ± 1.099 χ^2/NDF : 79185.5/7

Left Out: 3683.504 ± 0.773 χ^2/NDF : 2071586.3/24

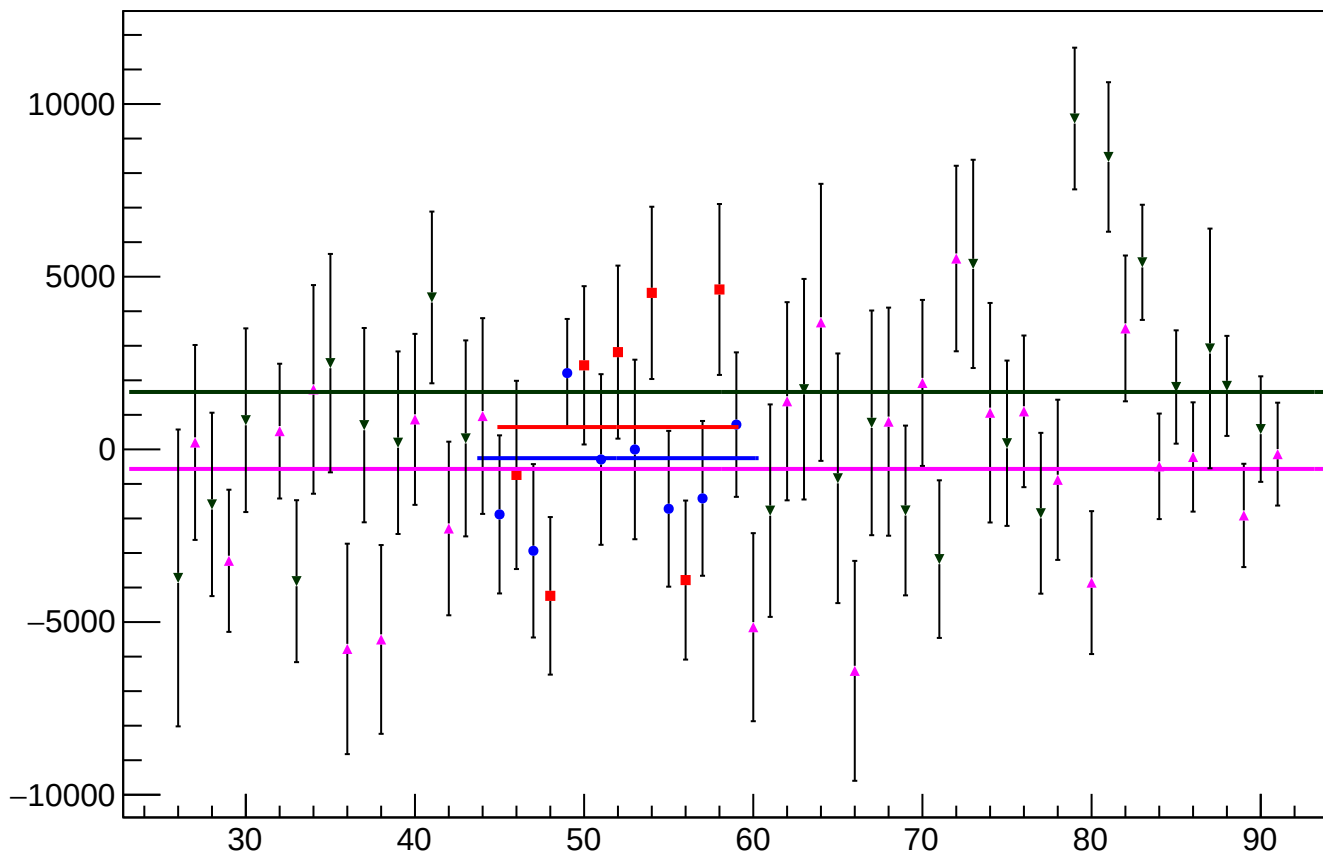
Right Out: 3472.775 ± 1.324 χ^2/NDF : 46158.9/6

Left In: 3707.018 ± 0.734 χ^2/NDF : 2025792.0/24

3587.364 ± 0.632 χ^2/NDF : 2197497.6/32

3651.919 ± 0.642 χ^2/NDF : 2095884.5/31

asym_sam_48_avg_mean vs slug



Right In: -254.003+/-768.555 χ^2/NDF : 5.0/7

Left Out: 1662.369+/-468.976 χ^2/NDF : 53.5/24

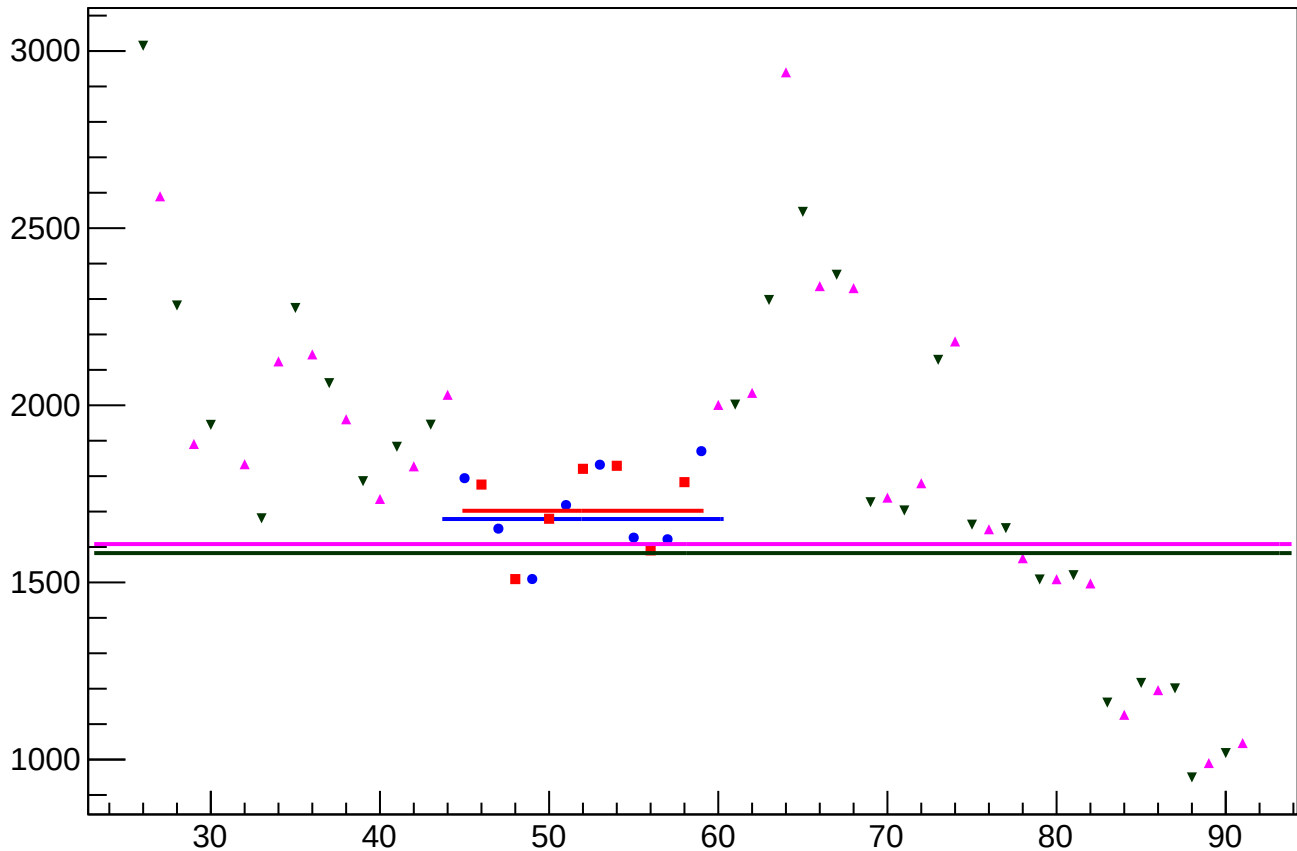
Right Out: 646.350+/-916.967 χ^2/NDF : 14.9/6

Left In: -565.832+/-450.912 χ^2/NDF : 32.2/24

1142.414+/-400.330 χ^2/NDF : 63.0/32

-329.790+/-404.636 χ^2/NDF : 48.5/31

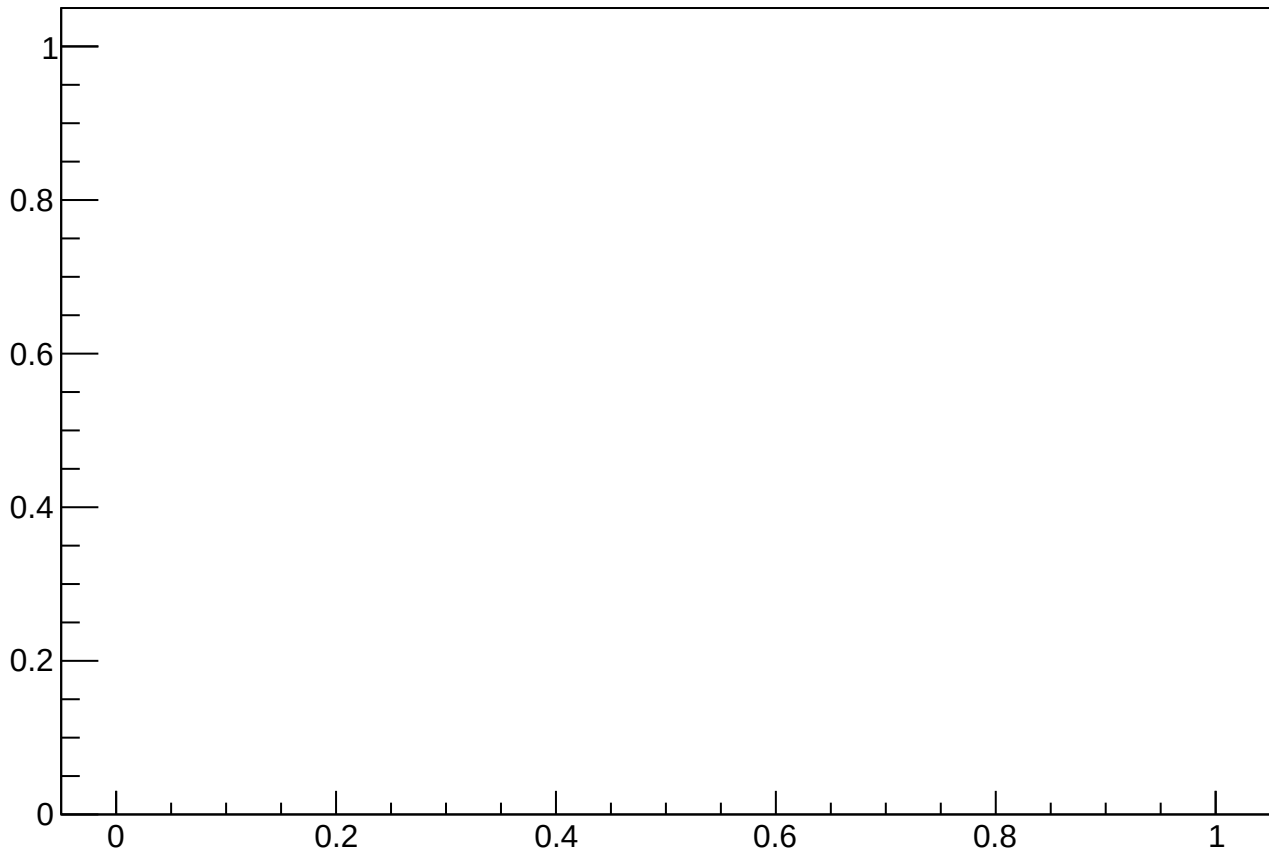
asym_sam_48_avg_rms vs slug



Right In: 1678.957 $\pm$ 0.543 χ^2/NDF : 55314.4/7
 Left Out: 1582.799 $\pm$ 0.332 χ^2/NDF : 2018544.8/24
 Right Out: 1702.261 $\pm$ 0.648 χ^2/NDF : 32471.7/6
 Left In: 1608.261 $\pm$ 0.319 χ^2/NDF : 2082400.0/24

1608.889 $\pm$ 0.283 χ^2/NDF : 2096672.4/32
 1626.565 $\pm$ 0.286 χ^2/NDF : 2131796.8/31

yield_sam_15_avg_mean vs slug



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

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

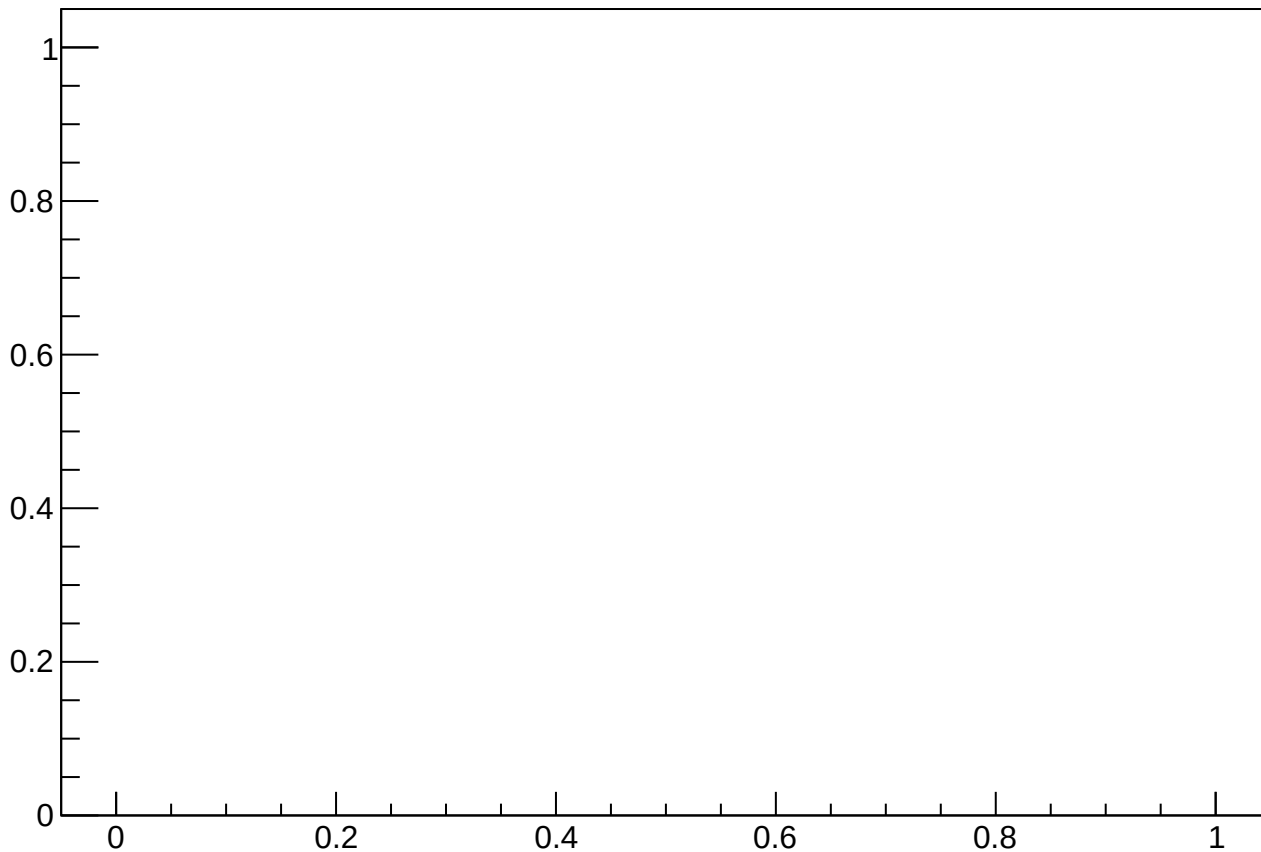
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_avg_rms vs slug



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

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

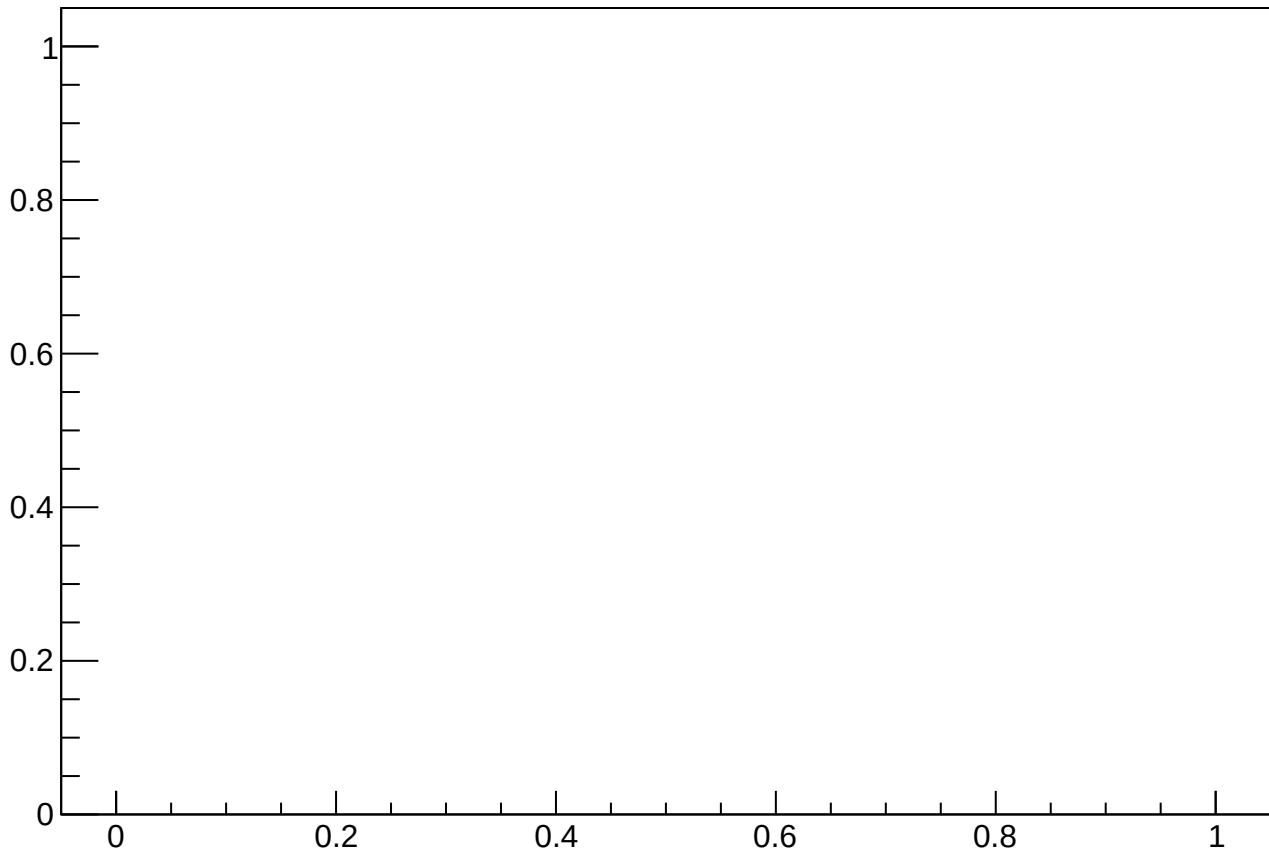
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

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

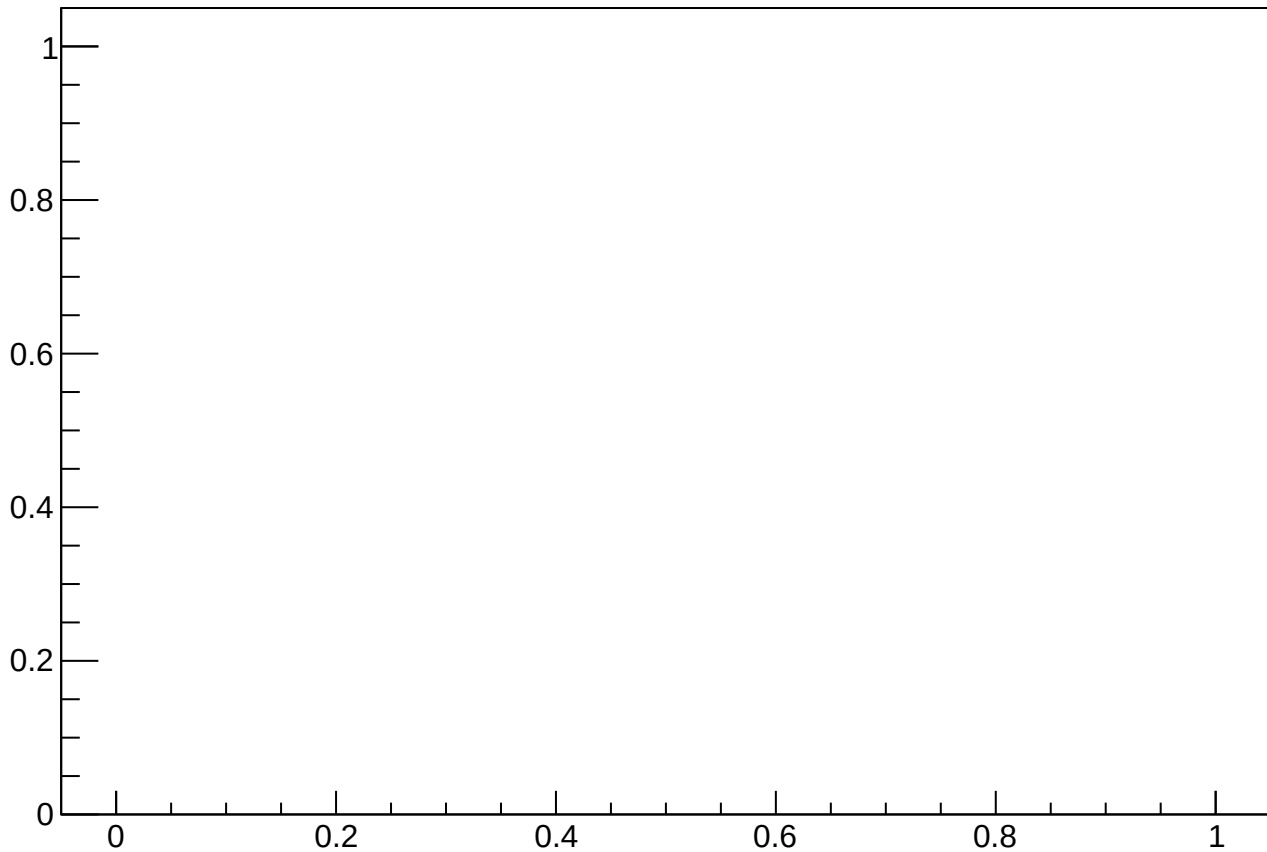
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

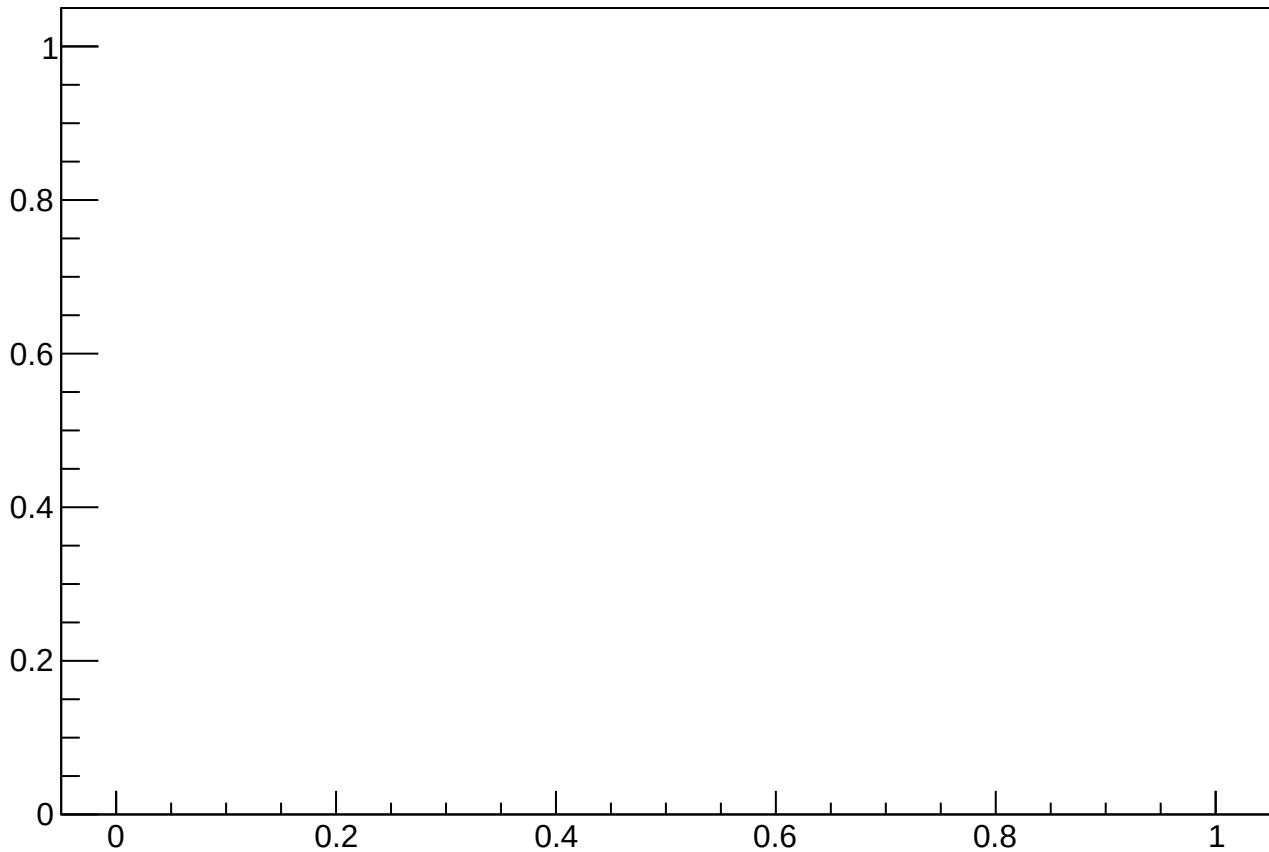
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

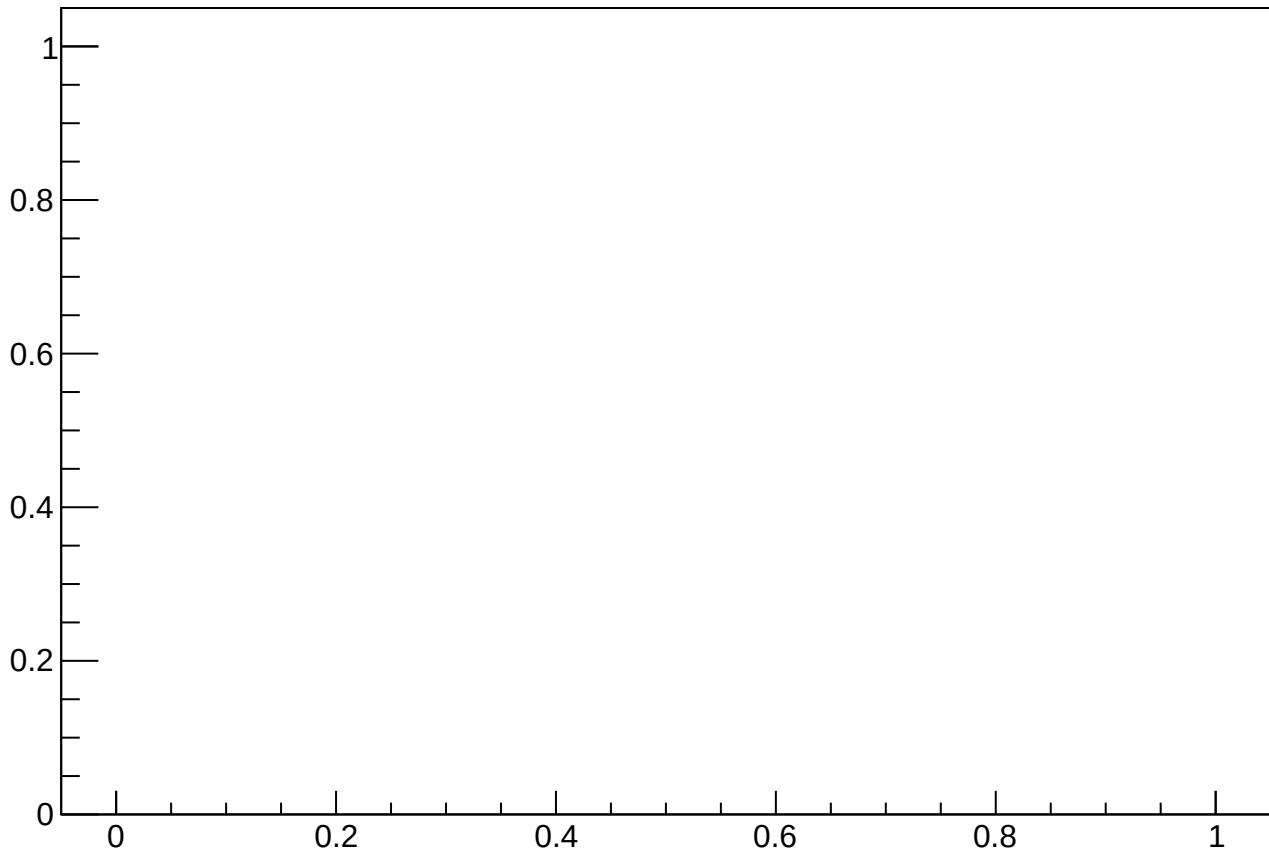
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

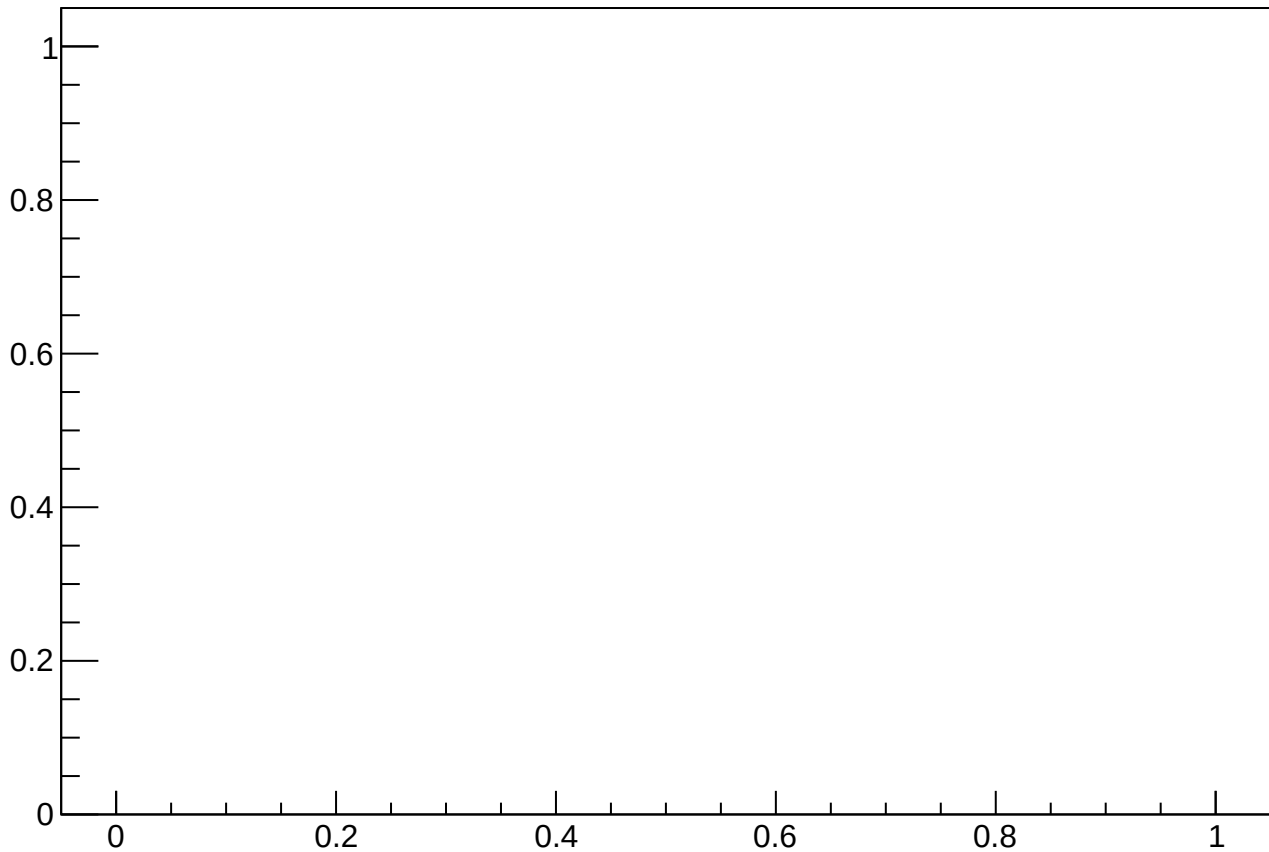
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

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

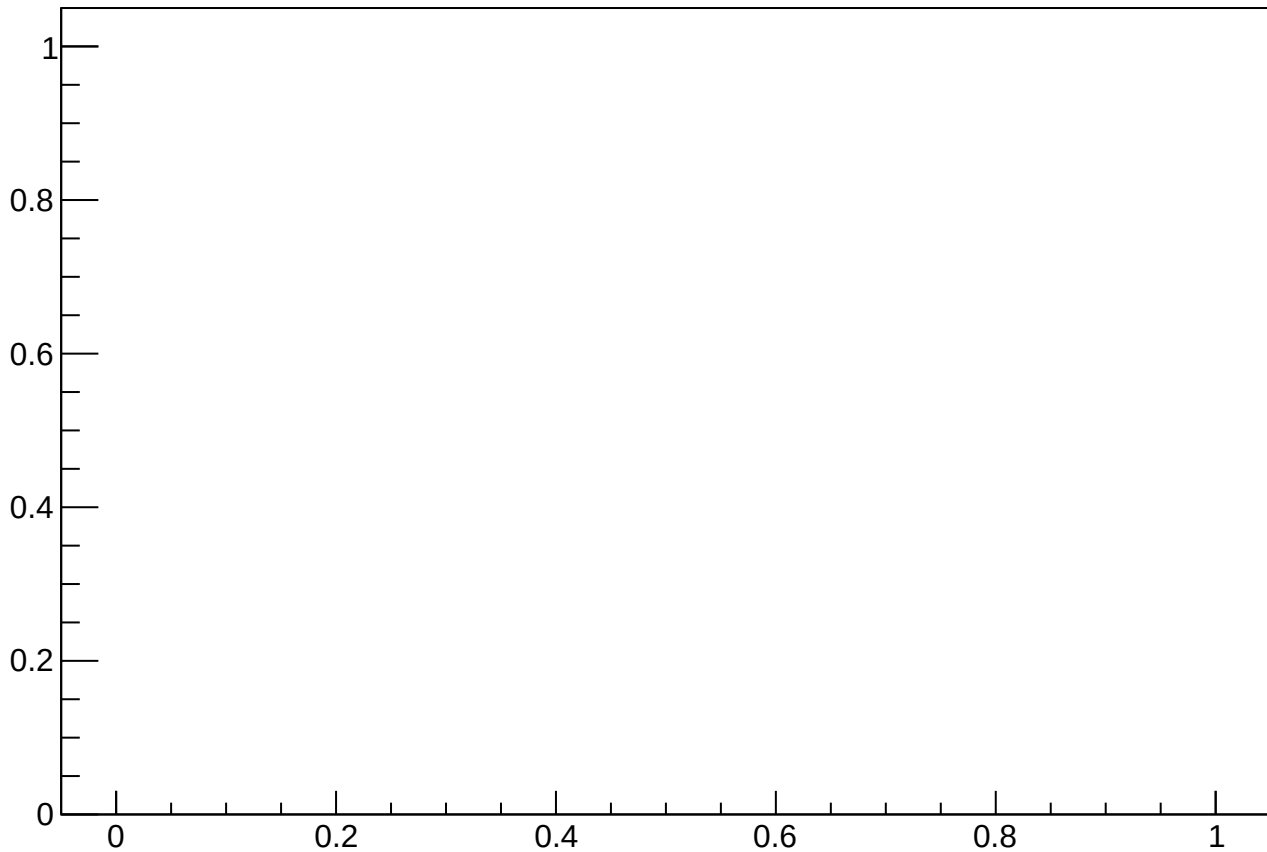
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

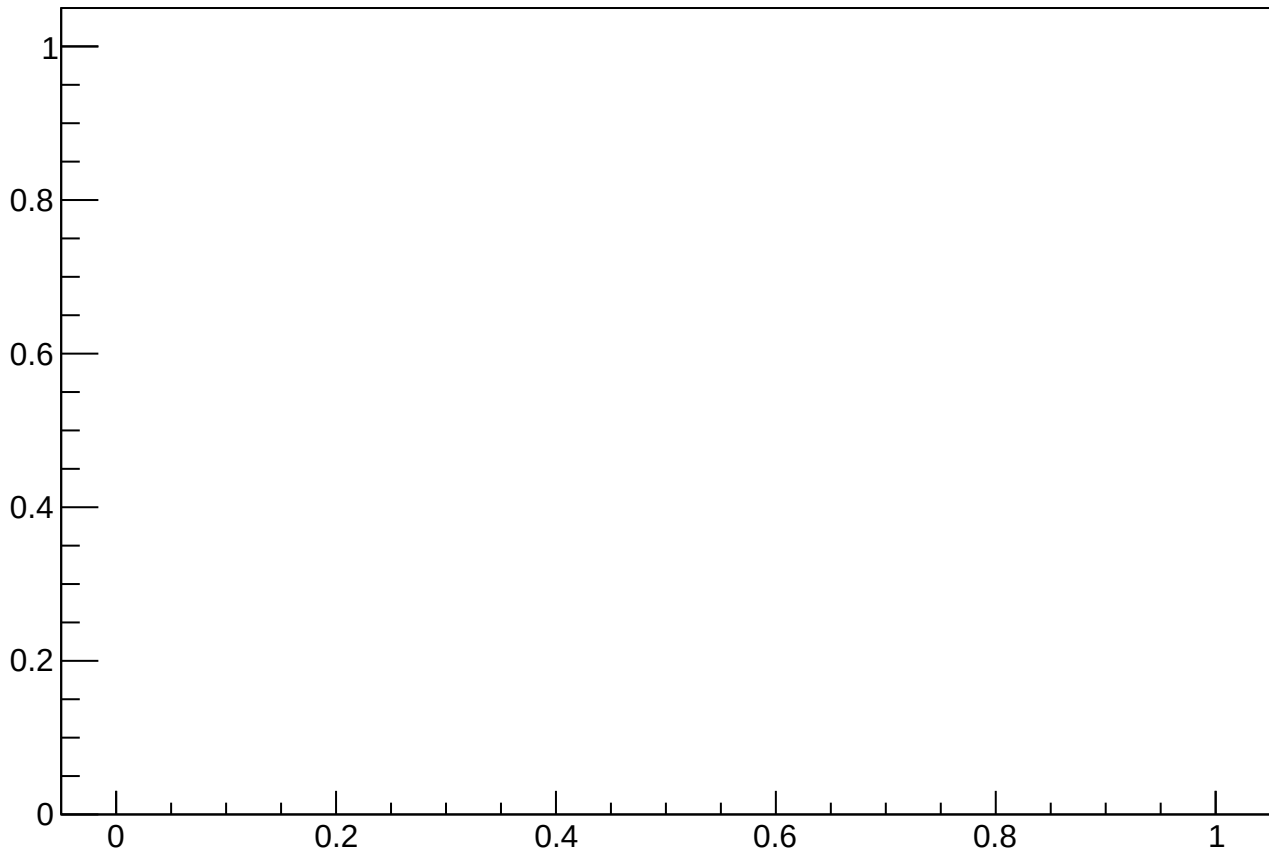
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

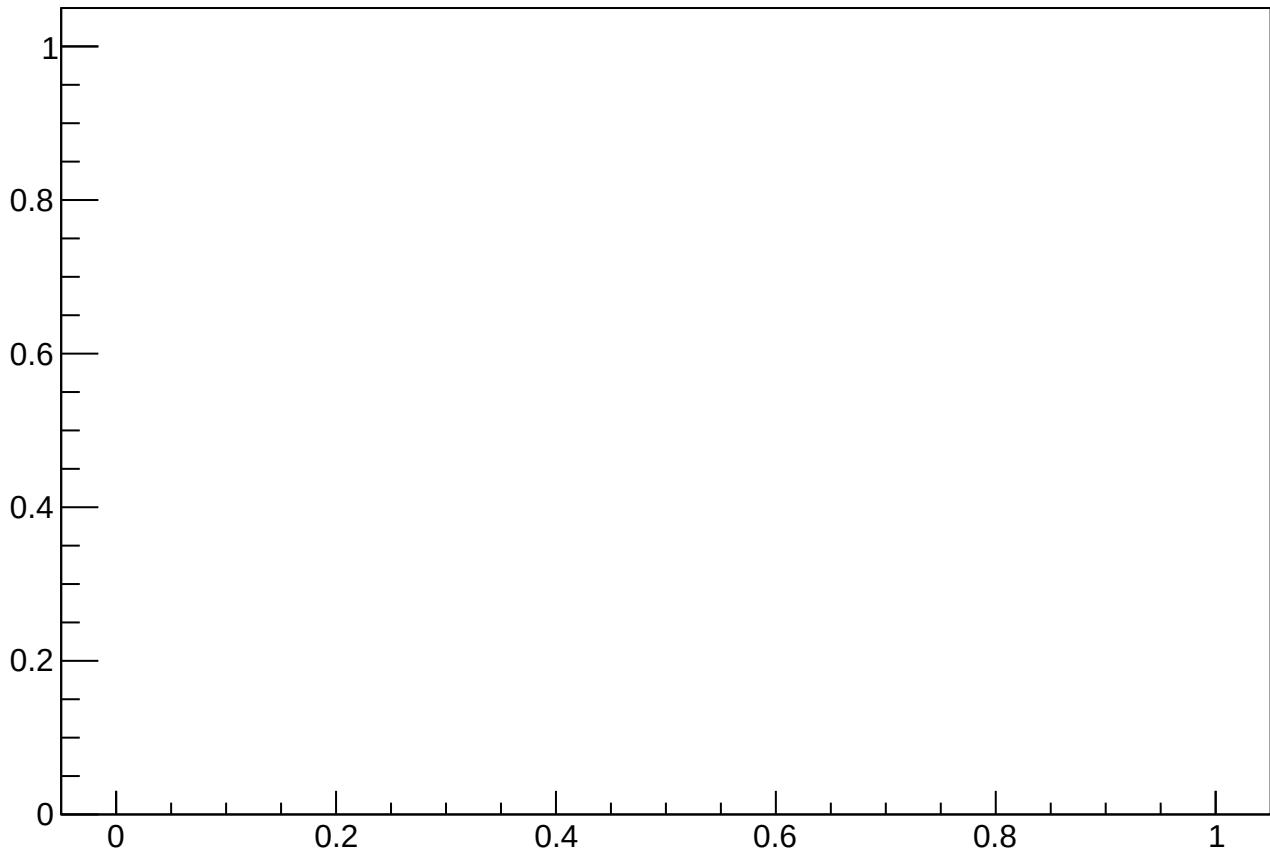
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

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

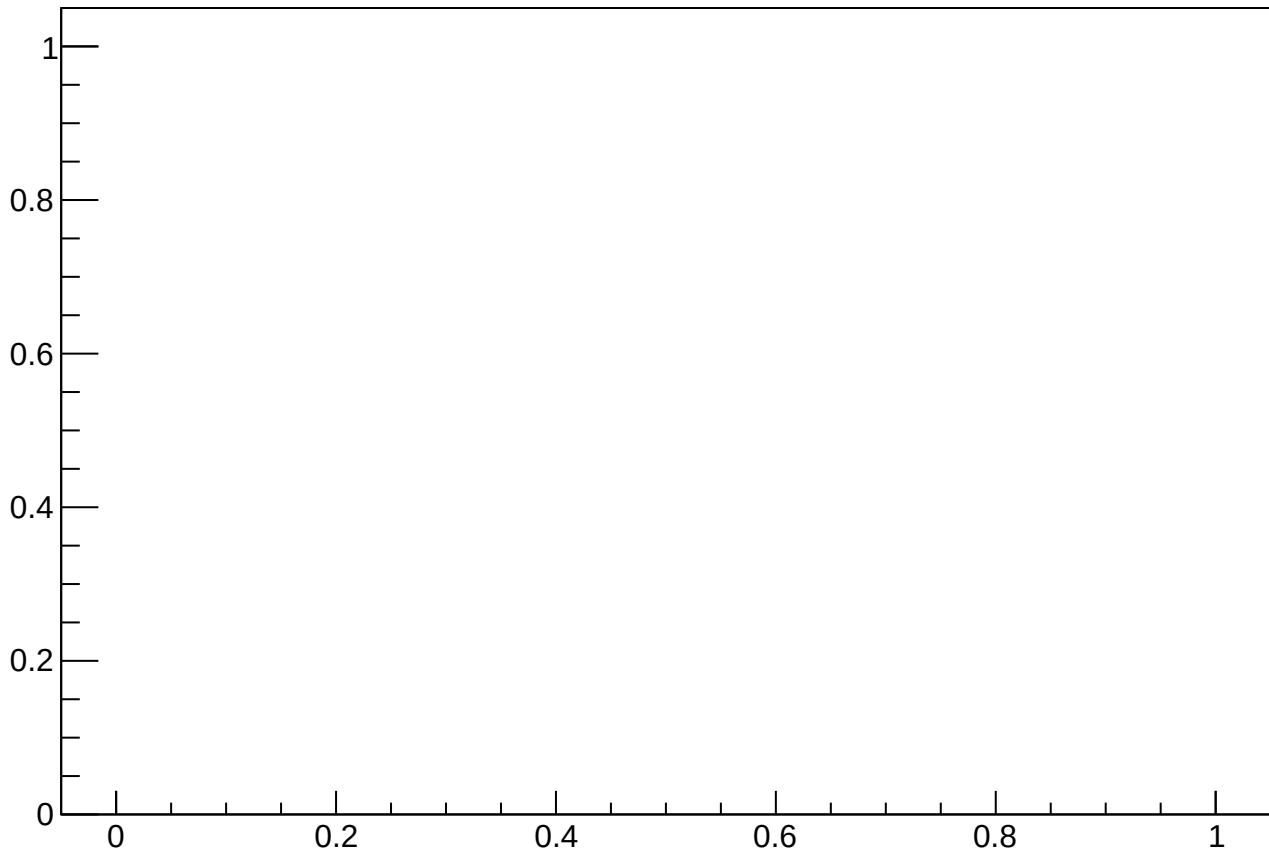
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

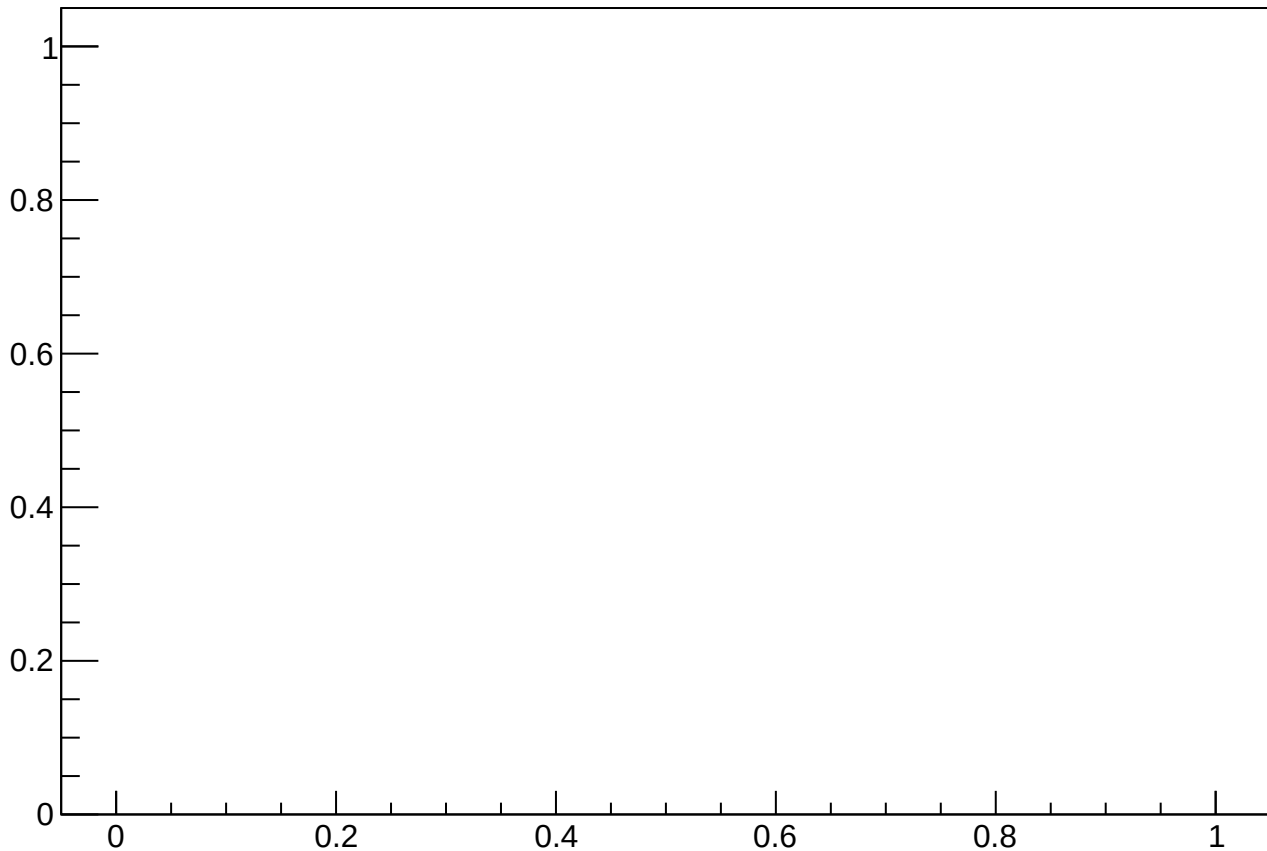
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



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

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

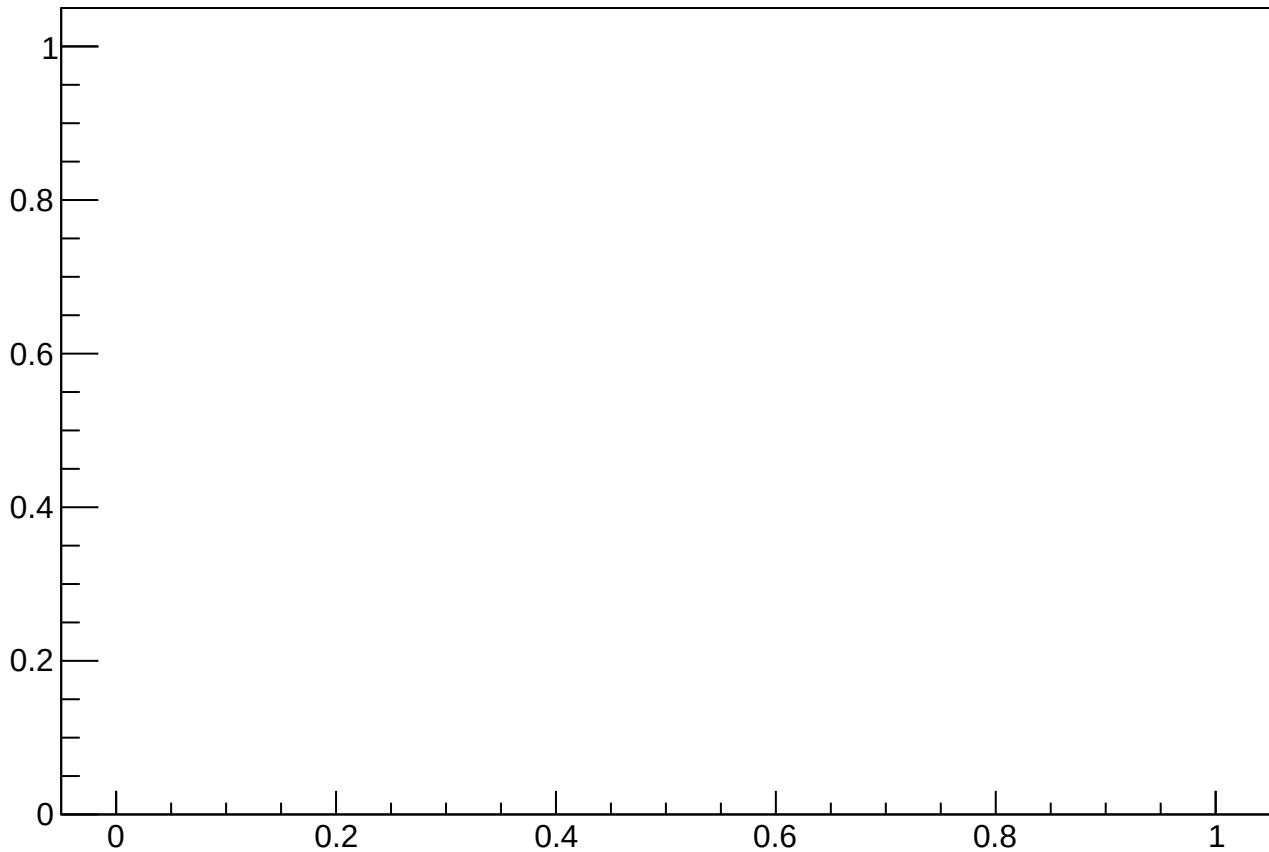
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

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

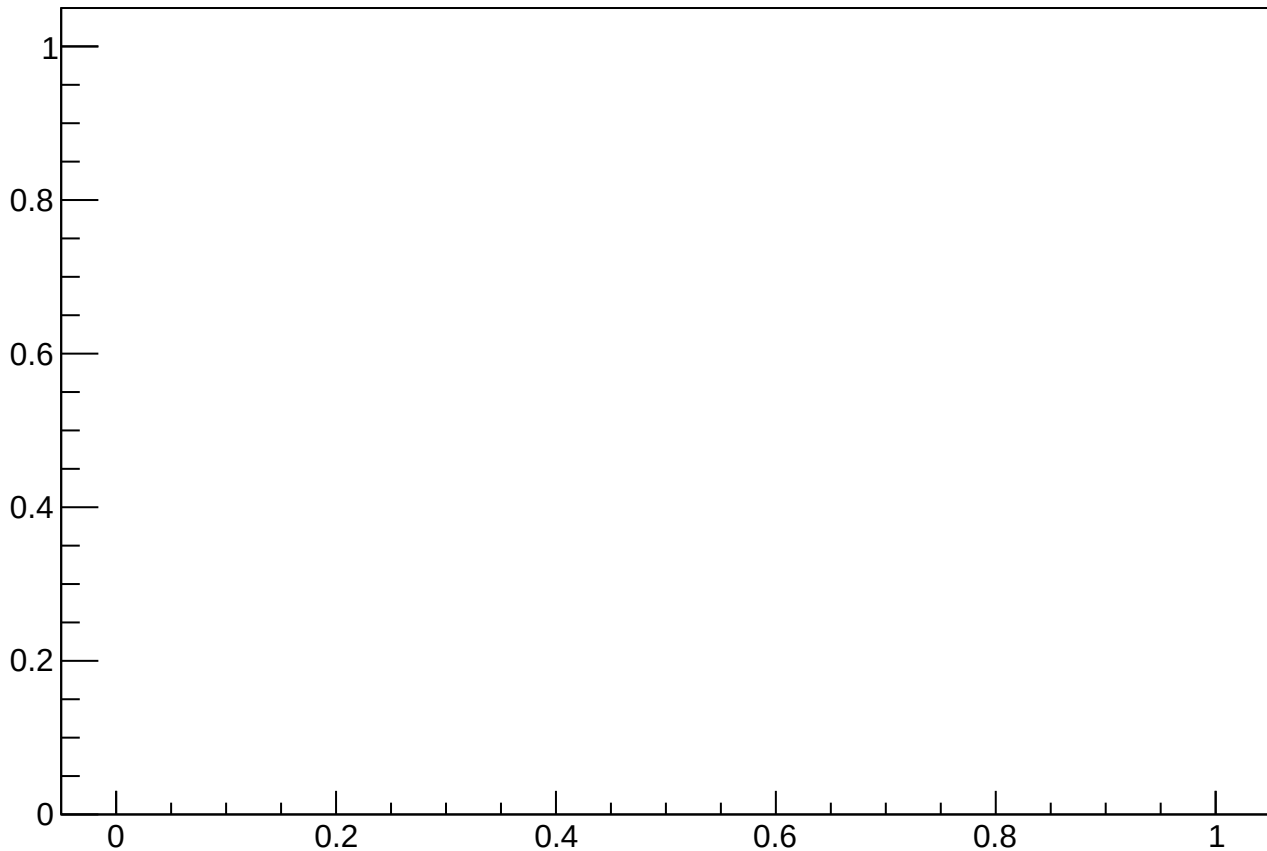
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

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

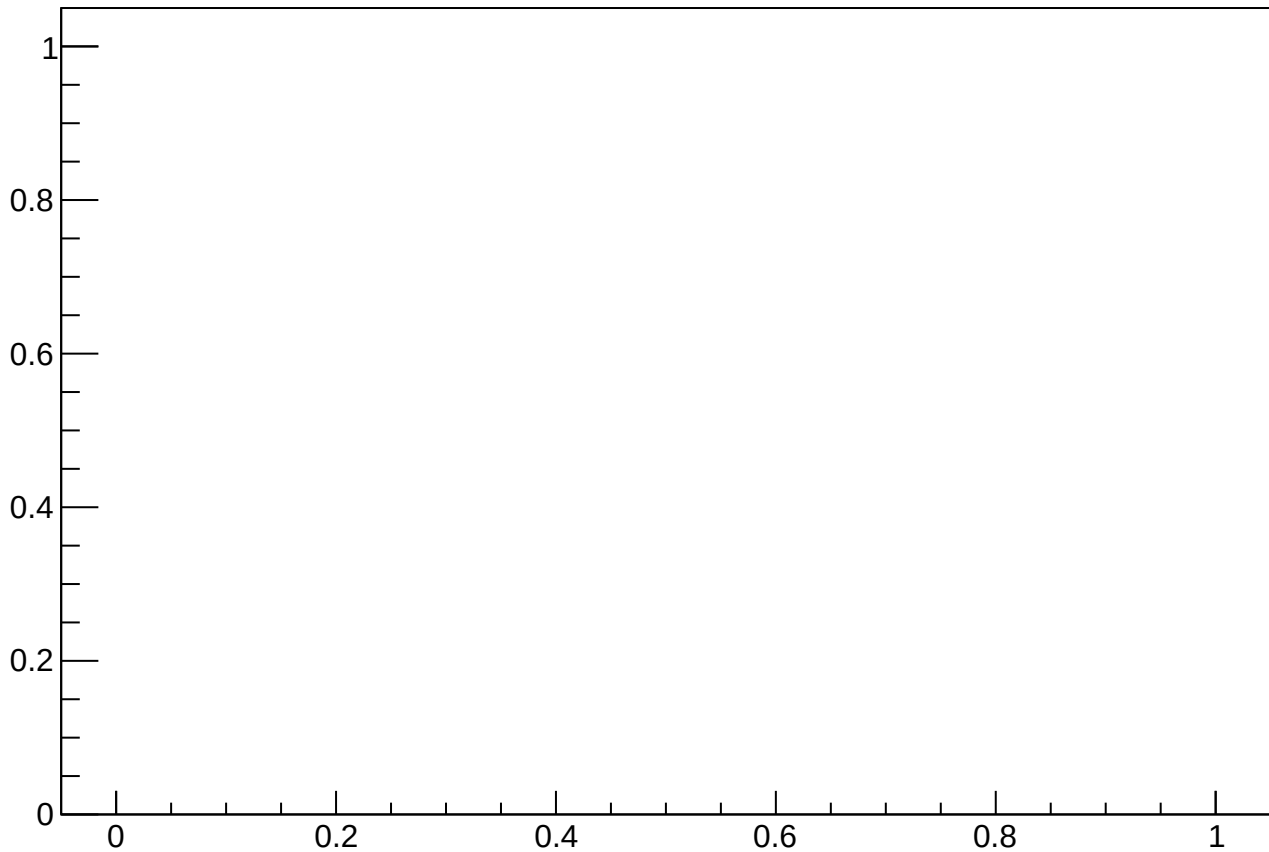
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

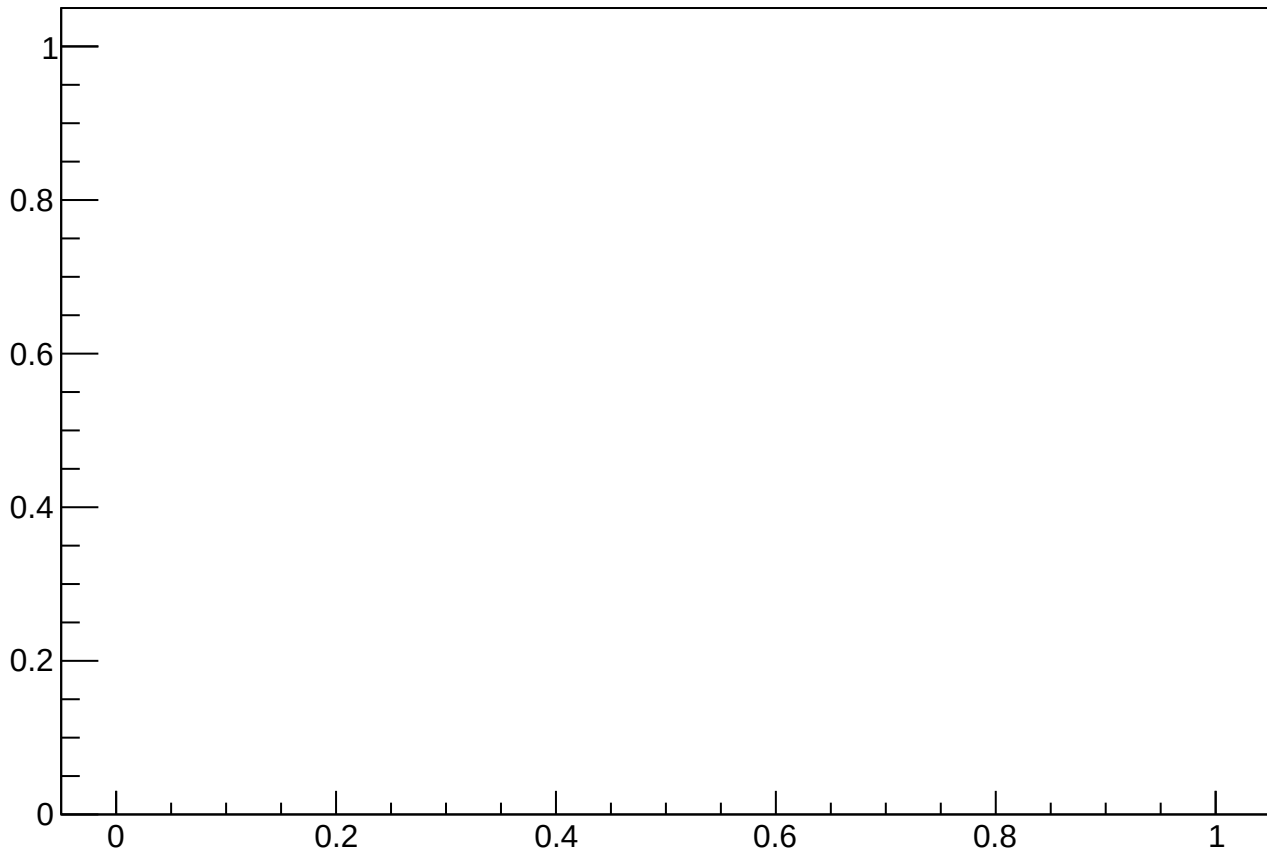
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

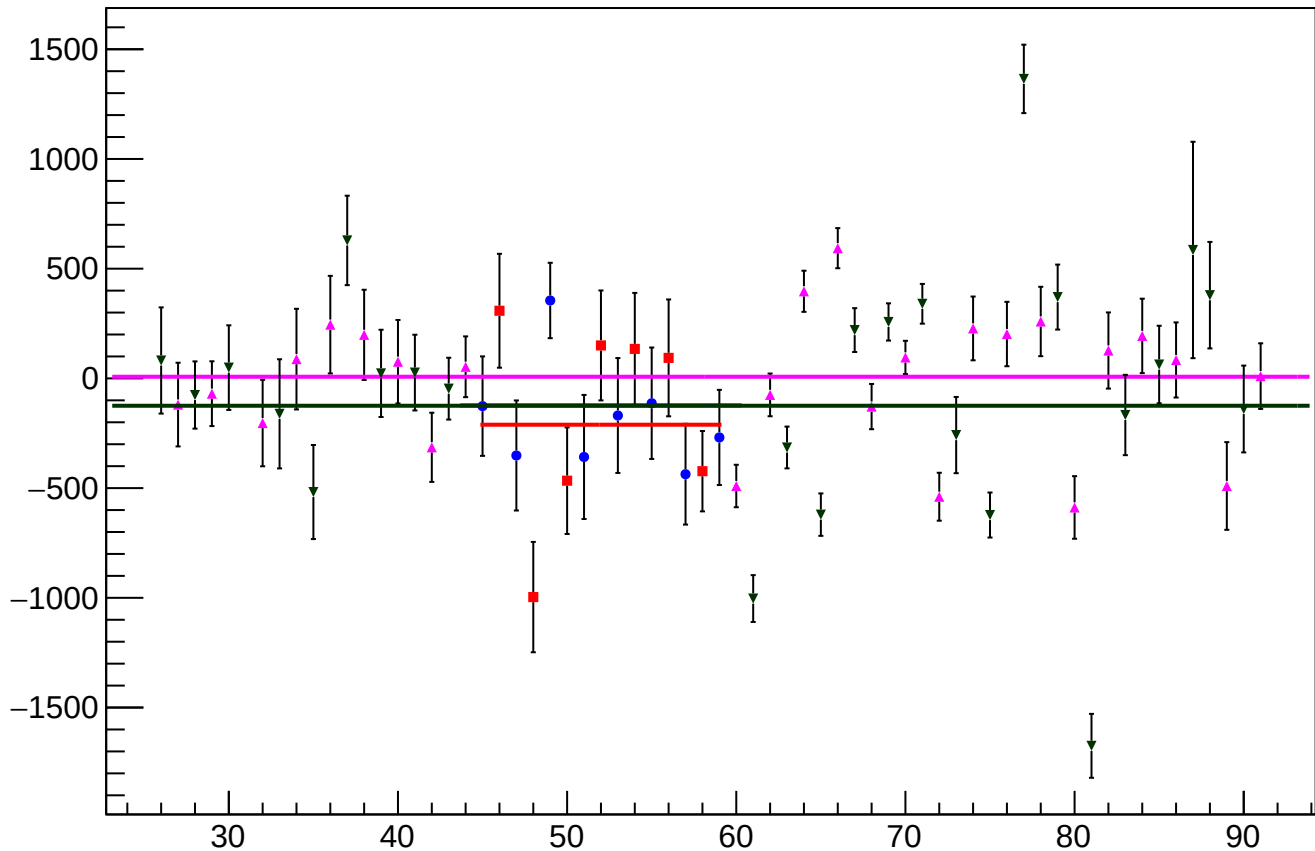
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -123.092 $\pm$ 81.084 χ^2 /NDF: 11.6/7

Left Out: -124.668 $\pm$ 27.797 χ^2 /NDF: 424.1/24

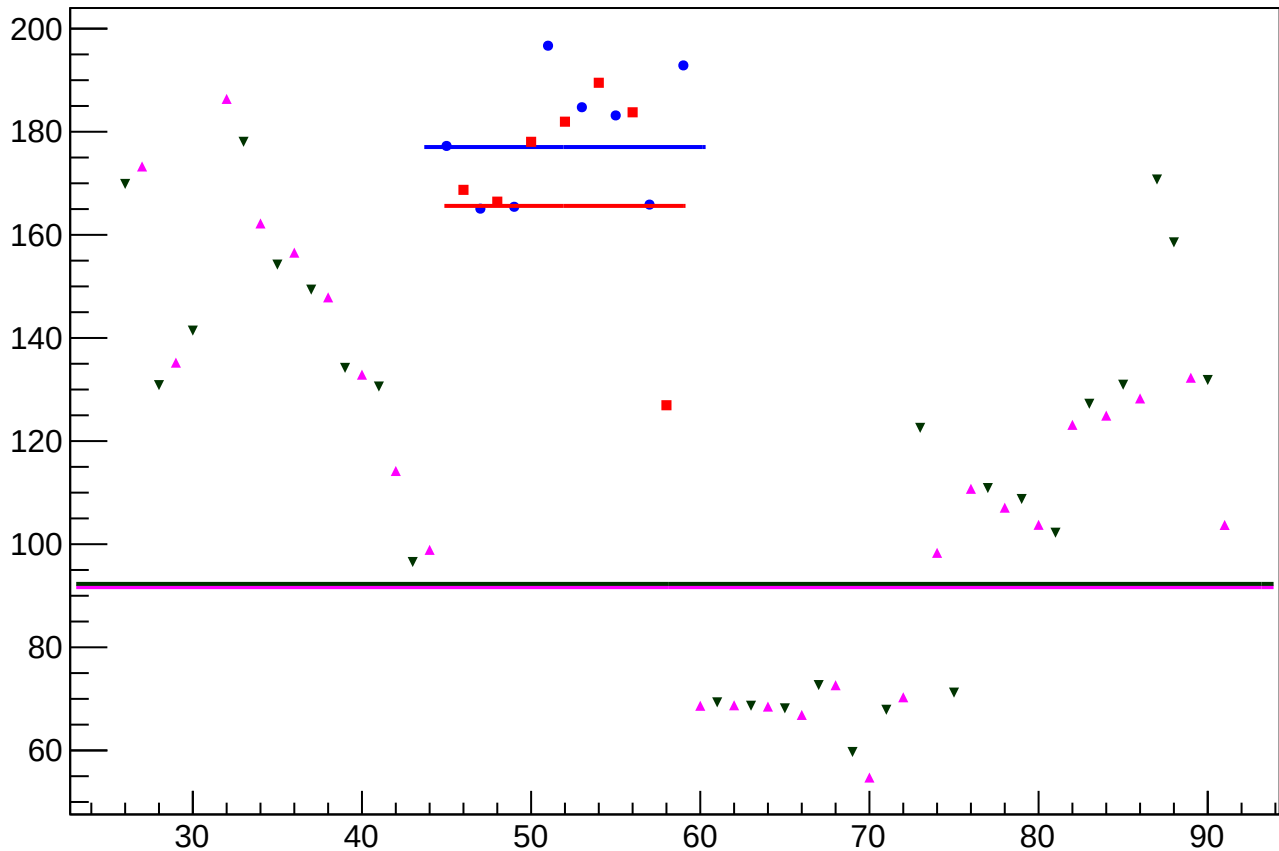
Right Out: -211.037 $\pm$ 90.229 χ^2 /NDF: 21.4/6

Left In: 7.546 $\pm$ 26.393 χ^2 /NDF: 154.3/24

-124.502 $\pm$ 26.295 χ^2 /NDF: 435.7/32

-9.682 $\pm$ 25.332 χ^2 /NDF: 181.1/31

reg_asym_sam_15_avg_rms vs slug



Right In: 177.034 $\pm$ 0.057 χ^2 /NDF: 41608.6/7

Left Out: 92.302 $\pm$ 0.020 χ^2 /NDF: 2726379.7/24

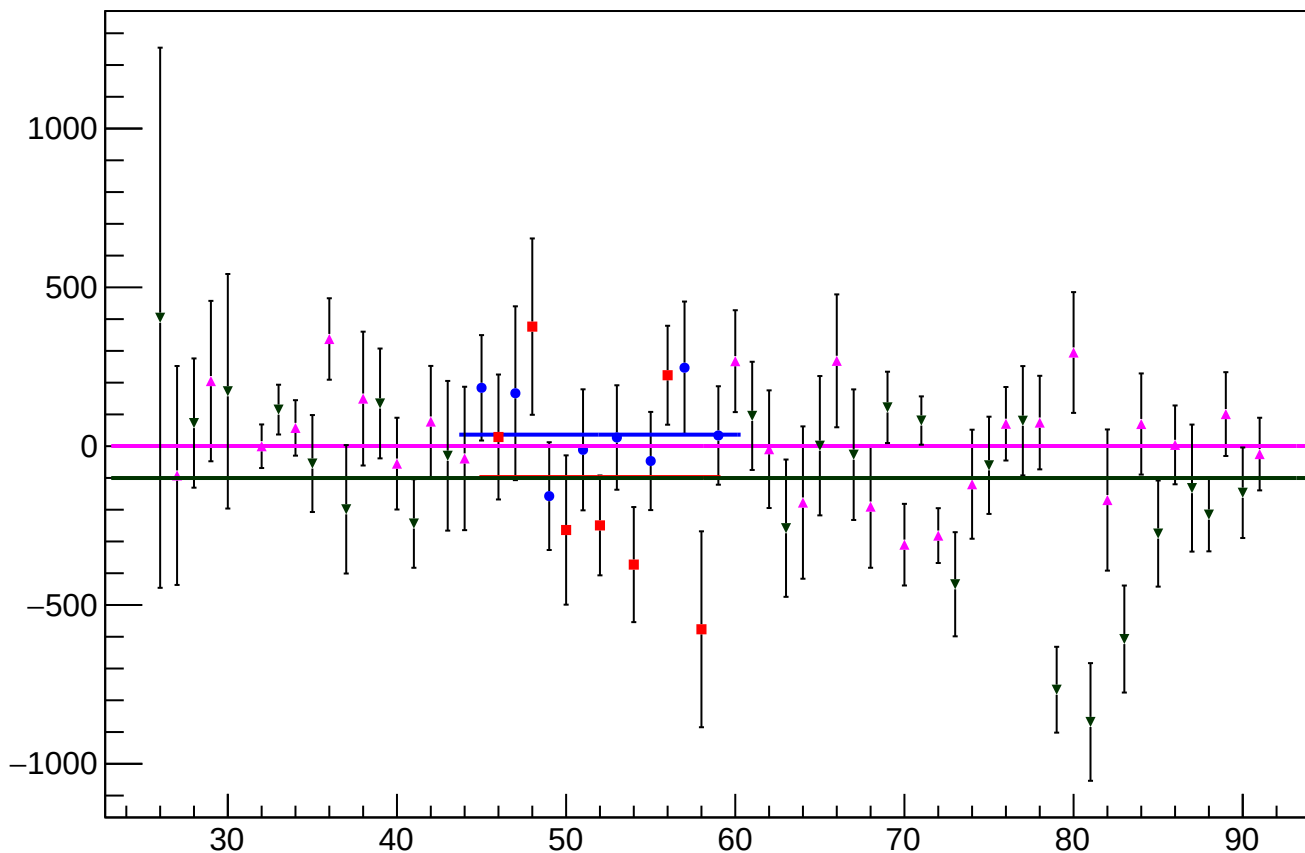
Right Out: 165.617 $\pm$ 0.064 χ^2 /NDF: 130022.5/6

Left In: 91.669 $\pm$ 0.019 χ^2 /NDF: 3166796.6/24

101.213 $\pm$ 0.019 χ^2 /NDF: 4722327.3/32

97.497 $\pm$ 0.018 χ^2 /NDF: 4534291.5/31

asym_sam_15_avg_correction_mean vs slug



Right In: 36.297 ± 62.561 χ^2/NDF : 3.7/7

Left Out: -100.243 ± 29.670 χ^2/NDF : 82.4/24

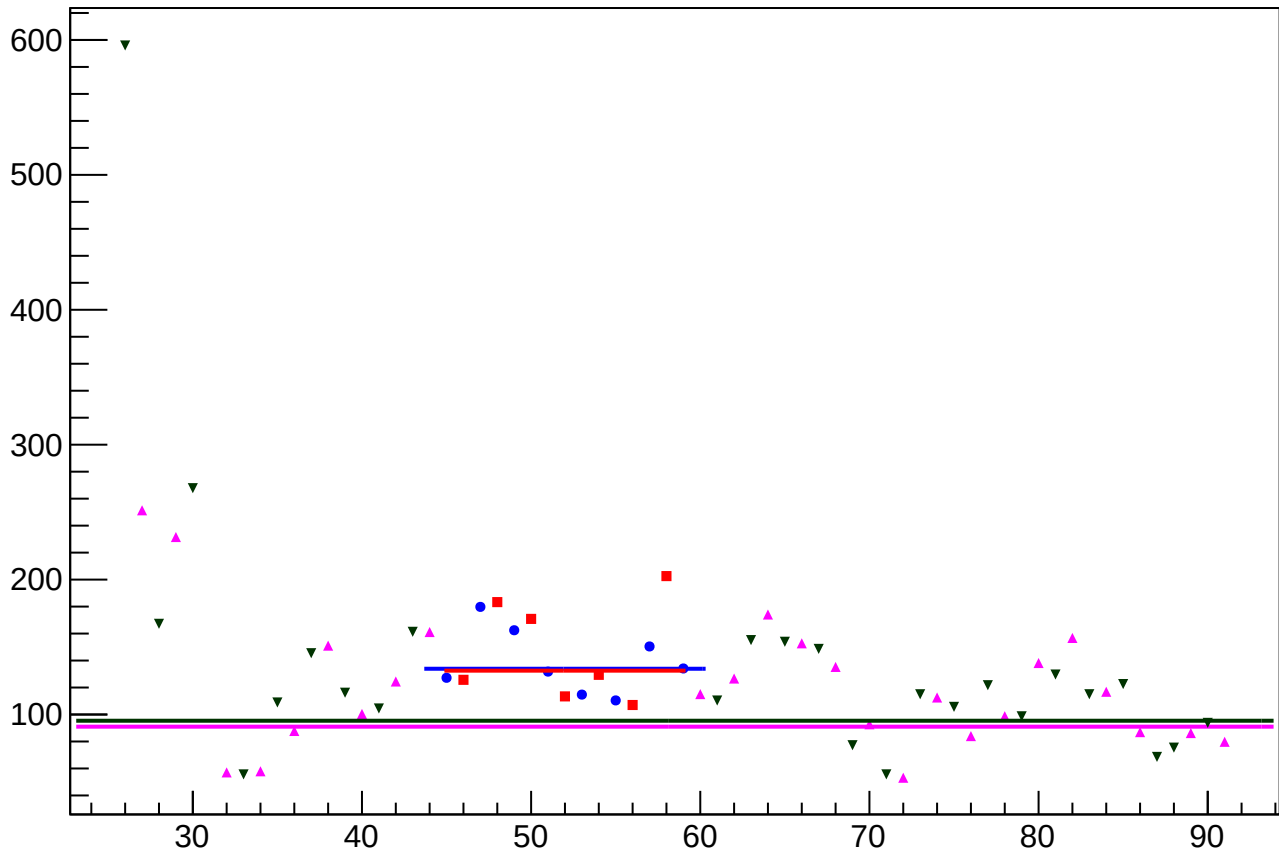
Right Out: -97.169 ± 74.622 χ^2/NDF : 13.7/6

Left In: 0.561 ± 27.501 χ^2/NDF : 36.3/24

-75.172 ± 26.808 χ^2/NDF : 90.0/32

-11.125 ± 25.804 χ^2/NDF : 51.6/31

asym_sam_15_avg_correction_rms vs slug



Right In: 133.920 $\pm$ 0.044 χ^2 /NDF: 202167.7/7

Left Out: 95.388 $\pm$ 0.021 χ^2 /NDF: 3598436.5/24

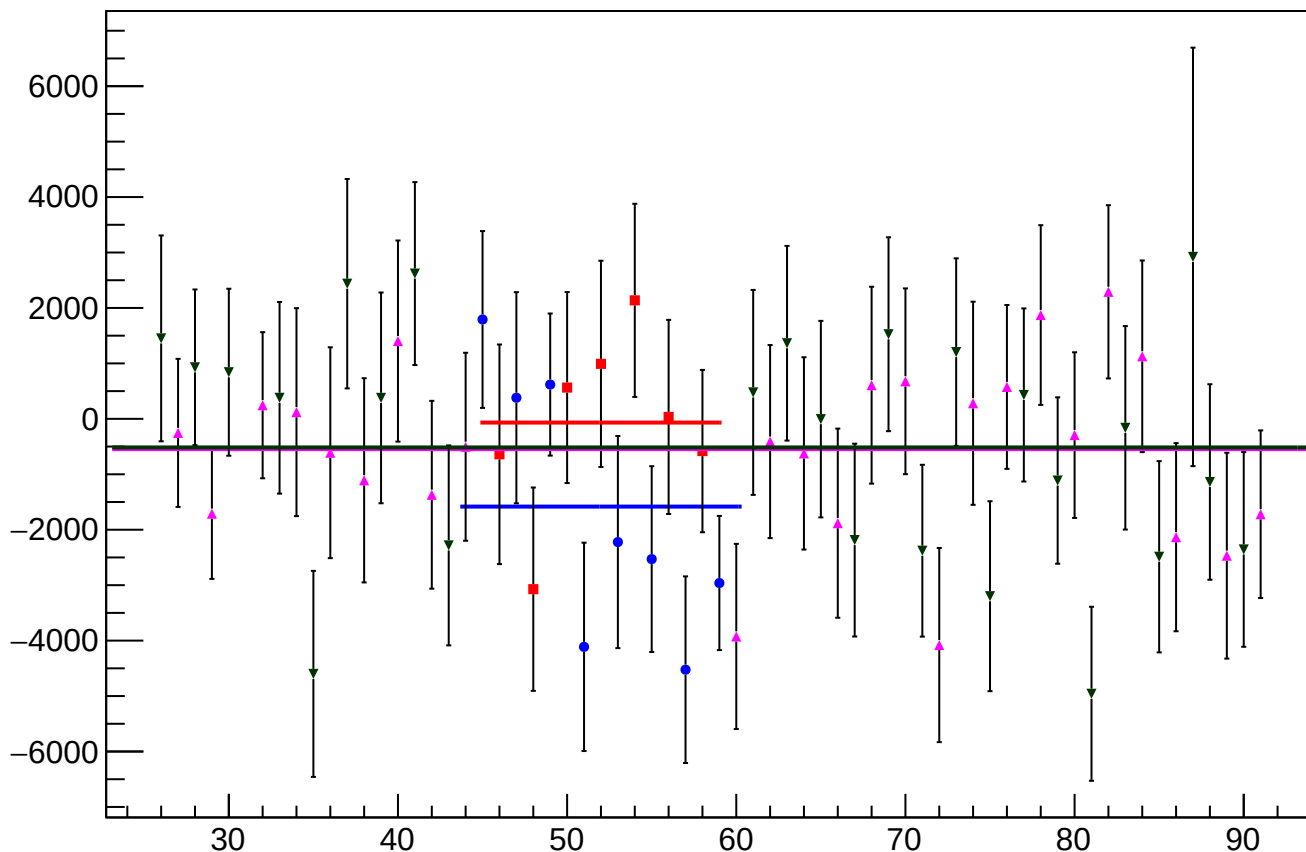
Right Out: 132.506 $\pm$ 0.053 χ^2 /NDF: 309444.1/6

Left In: 90.985 $\pm$ 0.019 χ^2 /NDF: 3711268.0/24

102.464 $\pm$ 0.019 χ^2 /NDF: 4419978.9/32

95.950 $\pm$ 0.018 χ^2 /NDF: 4565889.8/31

reg_asym_sam_26_avg_mean vs slug



Right In: -1582.654 ± 556.686 χ^2/NDF : 15.1/7

Left Out: -516.008 ± 344.922 χ^2/NDF : 36.0/24

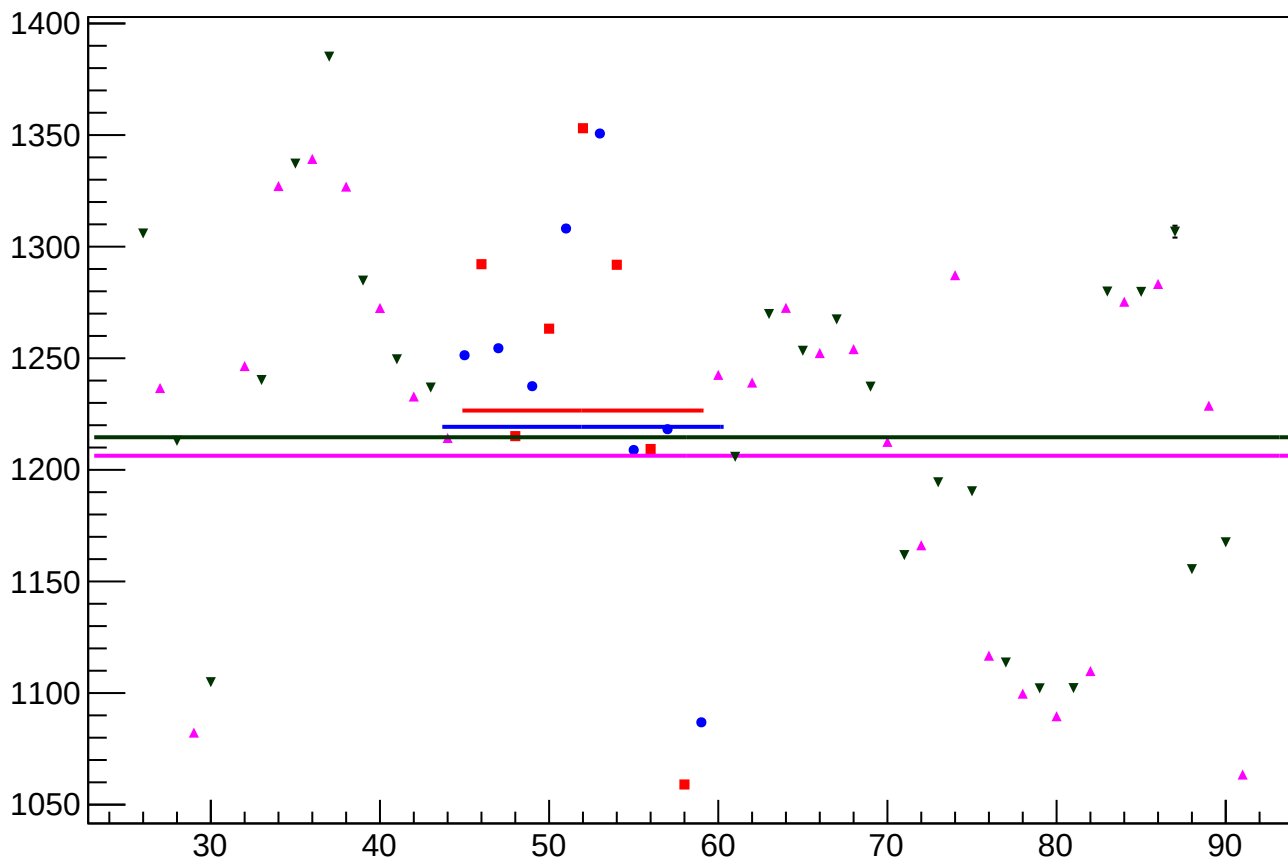
Right Out: -67.407 ± 659.178 χ^2/NDF : 5.0/6

Left In: -546.368 ± 324.726 χ^2/NDF : 22.6/24

-811.902 ± 293.202 χ^2/NDF : 53.7/32

-452.834 ± 291.298 χ^2/NDF : 27.9/31

reg_asym_sam_26_avg_rms vs slug



Right In: 1219.276 $\pm$ 0.394 χ^2 /NDF: 39823.5/7

Left Out: 1214.607 $\pm$ 0.244 χ^2 /NDF: 93127.3/24

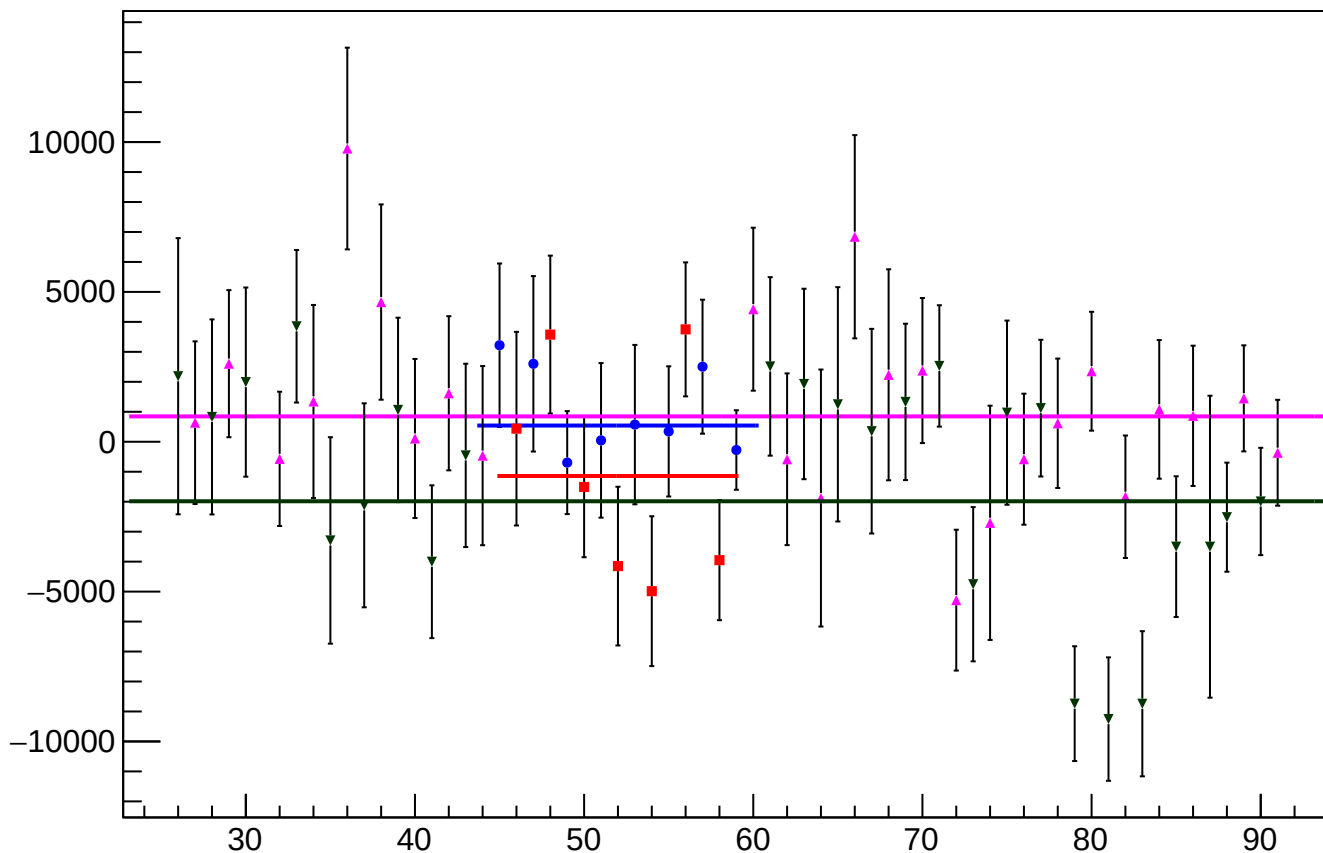
Right Out: 1226.575 $\pm$ 0.466 χ^2 /NDF: 41634.5/6

Left In: 1206.323 $\pm$ 0.230 χ^2 /NDF: 128705.4/24

1215.902 $\pm$ 0.207 χ^2 /NDF: 133052.4/32

1210.278 $\pm$ 0.206 χ^2 /NDF: 171859.1/31

asym_sam_26_avg_correction_mean vs slug



Right In: 541.036 $\pm$ 732.877 χ^2 /NDF: 3.2/7

Left Out: -1985.607 $\pm$ 523.466 χ^2 /NDF: 59.2/24

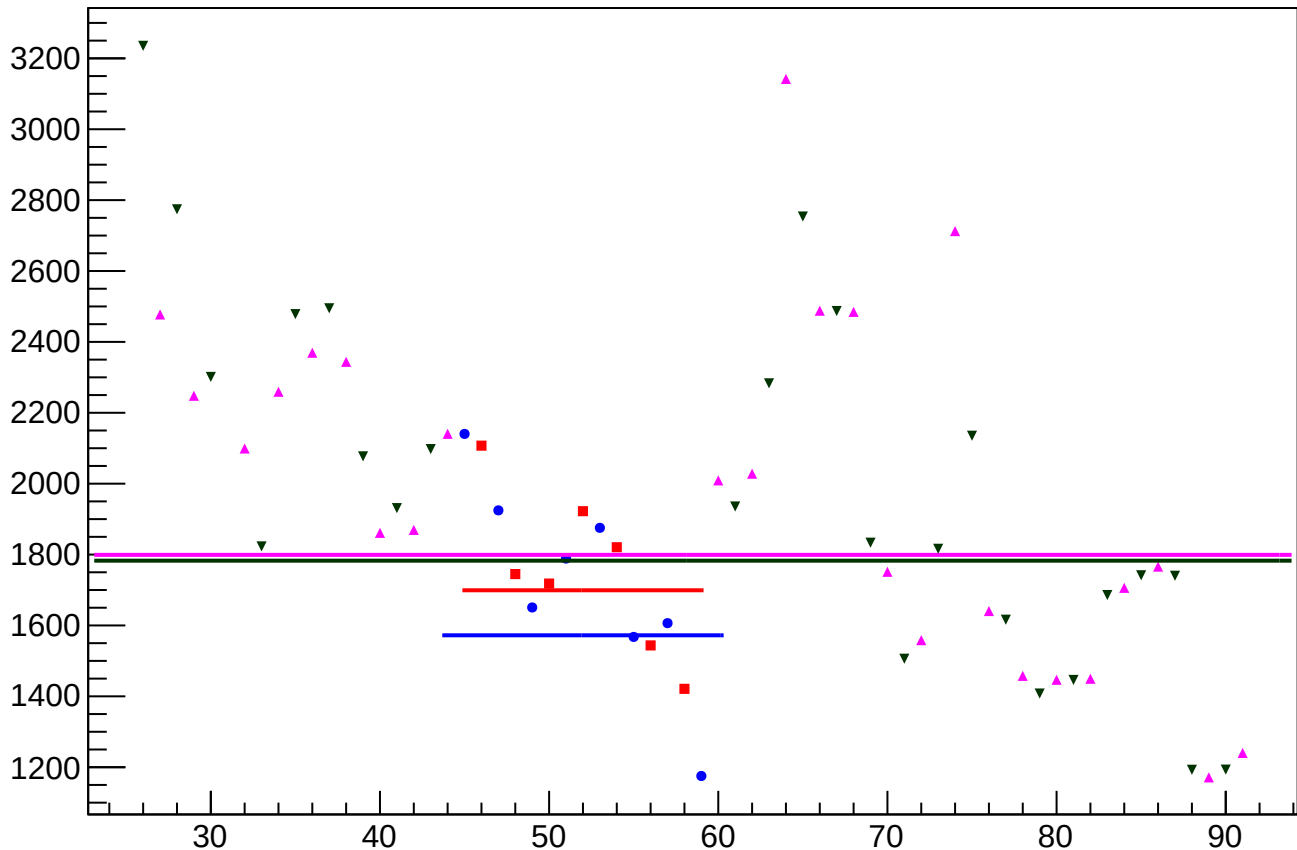
Right Out: -1142.612 $\pm$ 922.983 χ^2 /NDF: 13.9/6

Left In: 846.364 $\pm$ 499.482 χ^2 /NDF: 26.8/24

-1132.050 $\pm$ 425.967 χ^2 /NDF: 70.2/32

395.825 $\pm$ 439.284 χ^2 /NDF: 44.2/31

asym_sam_26_avg_correction_rms vs slug



Right In: 1572.188+/-0.518 χ^2 /NDF: 339602.0/7

Left Out: 1782.755+/-0.370 χ^2 /NDF:1553718.2/24

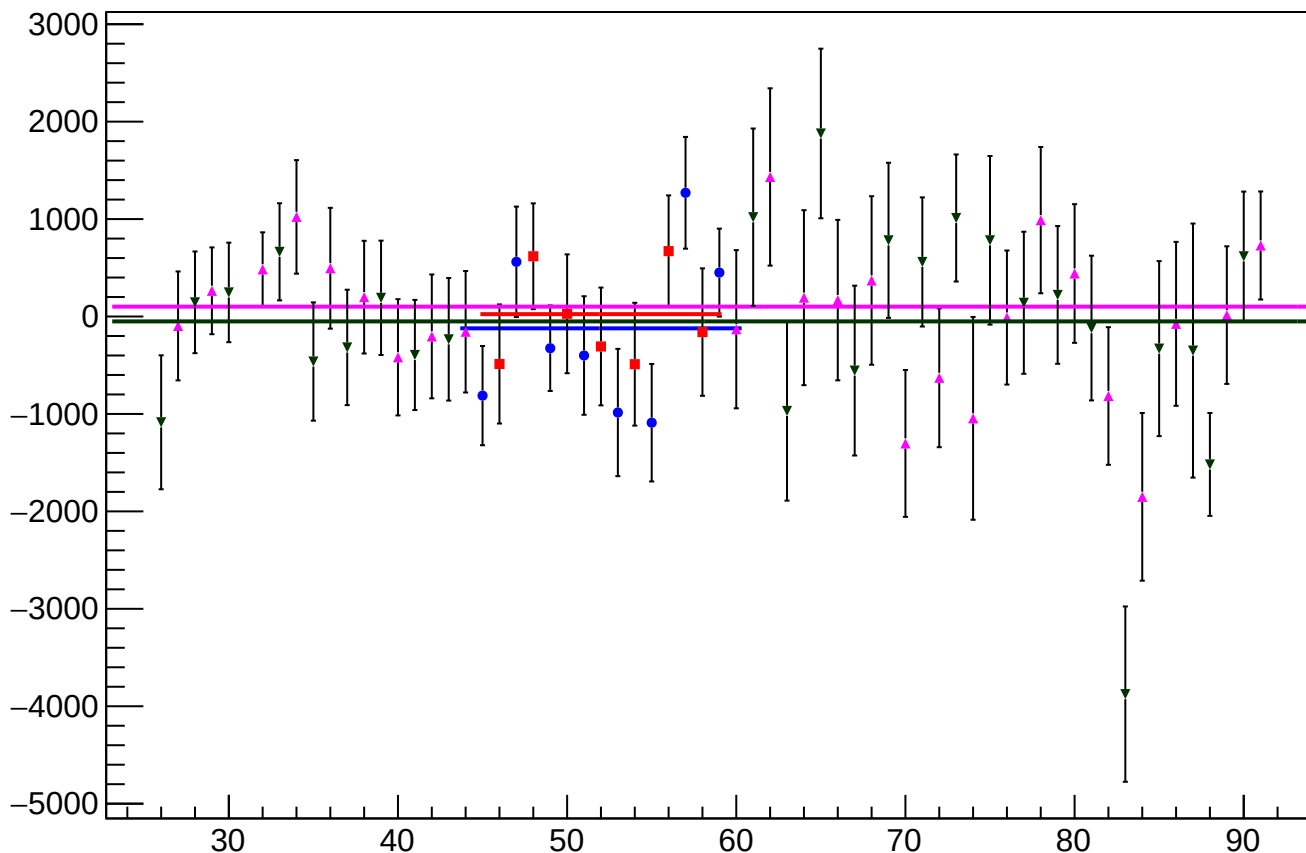
Right Out: 1699.216+/-0.653 χ^2 /NDF: 99764.4/6

Left In: 1799.151+/-0.353 χ^2 /NDF:1558624.4/24

1711.621+/-0.301 χ^2 /NDF: 2002646.3/32

1776.514+/-0.311 χ^2 /NDF: 1676524.2/31

reg_asym_sam_37_avg_mean vs slug



Right In: -121.406 $\pm$ 189.307 χ^2 /NDF: 15.5/7

Left Out: -50.181 $\pm$ 134.894 χ^2 /NDF: 46.4/24

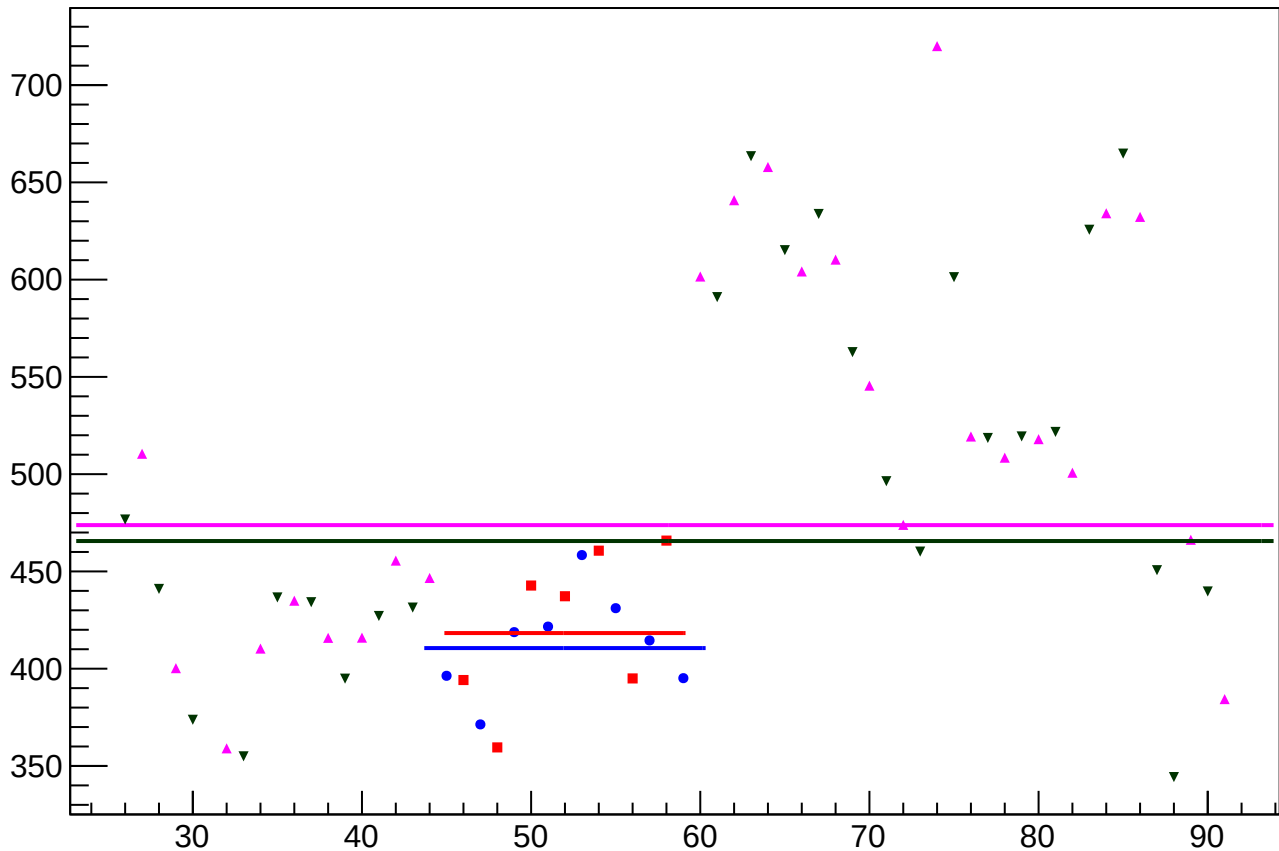
Right Out: 24.243 $\pm$ 227.017 χ^2 /NDF: 4.2/6

Left In: 101.284 $\pm$ 130.333 χ^2 /NDF: 23.3/24

-74.167 $\pm$ 109.857 χ^2 /NDF: 62.1/32

82.186 $\pm$ 113.030 χ^2 /NDF: 27.6/31

reg_asym_sam_37_avg_rms vs slug



Right In: 410.592 $\pm$ 0.134 χ^2 /NDF: 27976.6/7

Left Out: 465.620 $\pm$ 0.095 χ^2 /NDF:874048.7/24

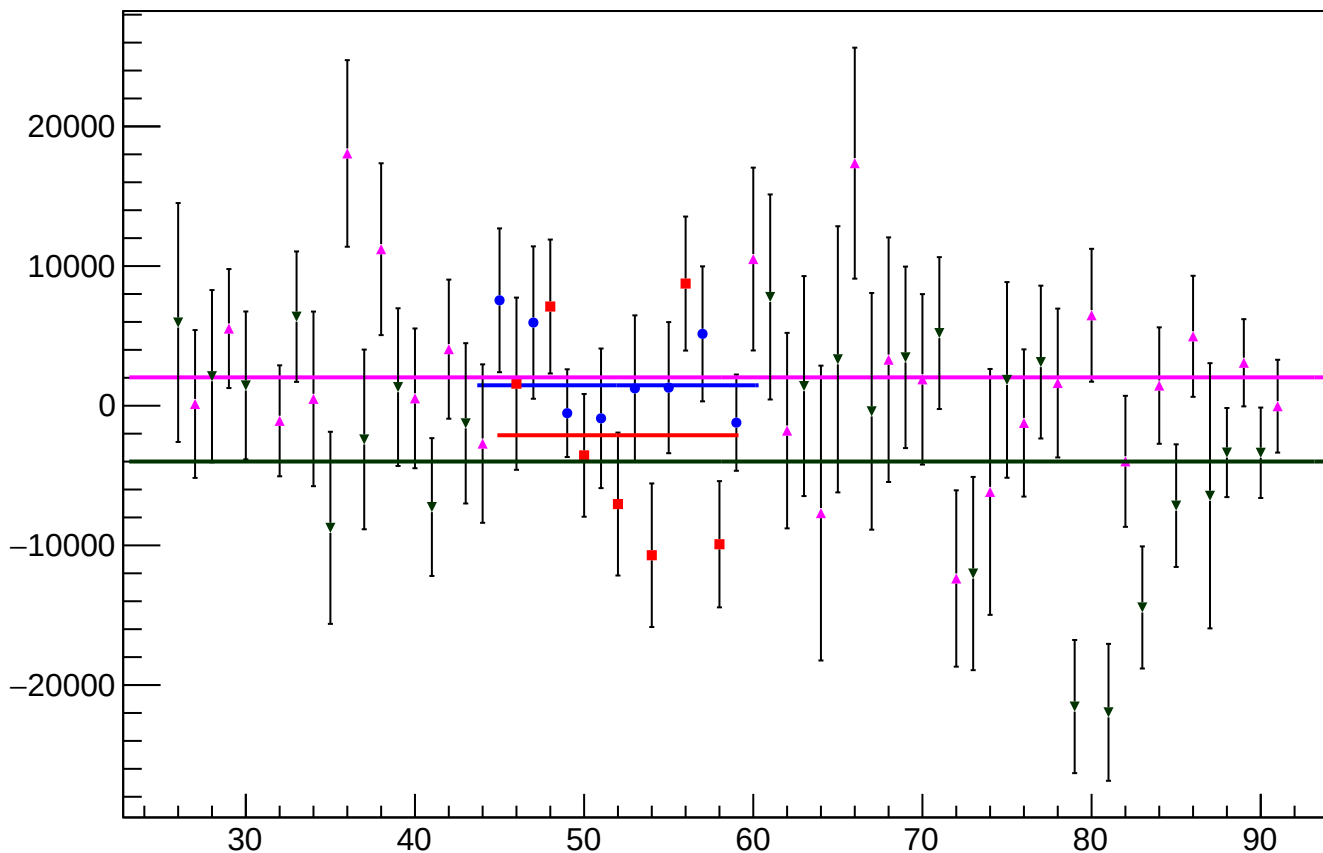
Right Out: 418.314 $\pm$ 0.161 χ^2 /NDF: 54634.6/6

Left In: 473.804 $\pm$ 0.092 χ^2 /NDF:968503.6/24

447.089 $\pm$ 0.078 χ^2 /NDF: 1014108.5/32

460.048 $\pm$ 0.080 χ^2 /NDF: 1113010.4/31

asym_sam_37_avg_correction_mean vs slug



Right In: 1463.003+/-1539.945 χ^2/NDF : 3.9/7

Left Out: -3995.291+/-1080.890 χ^2/NDF : 55.5/24

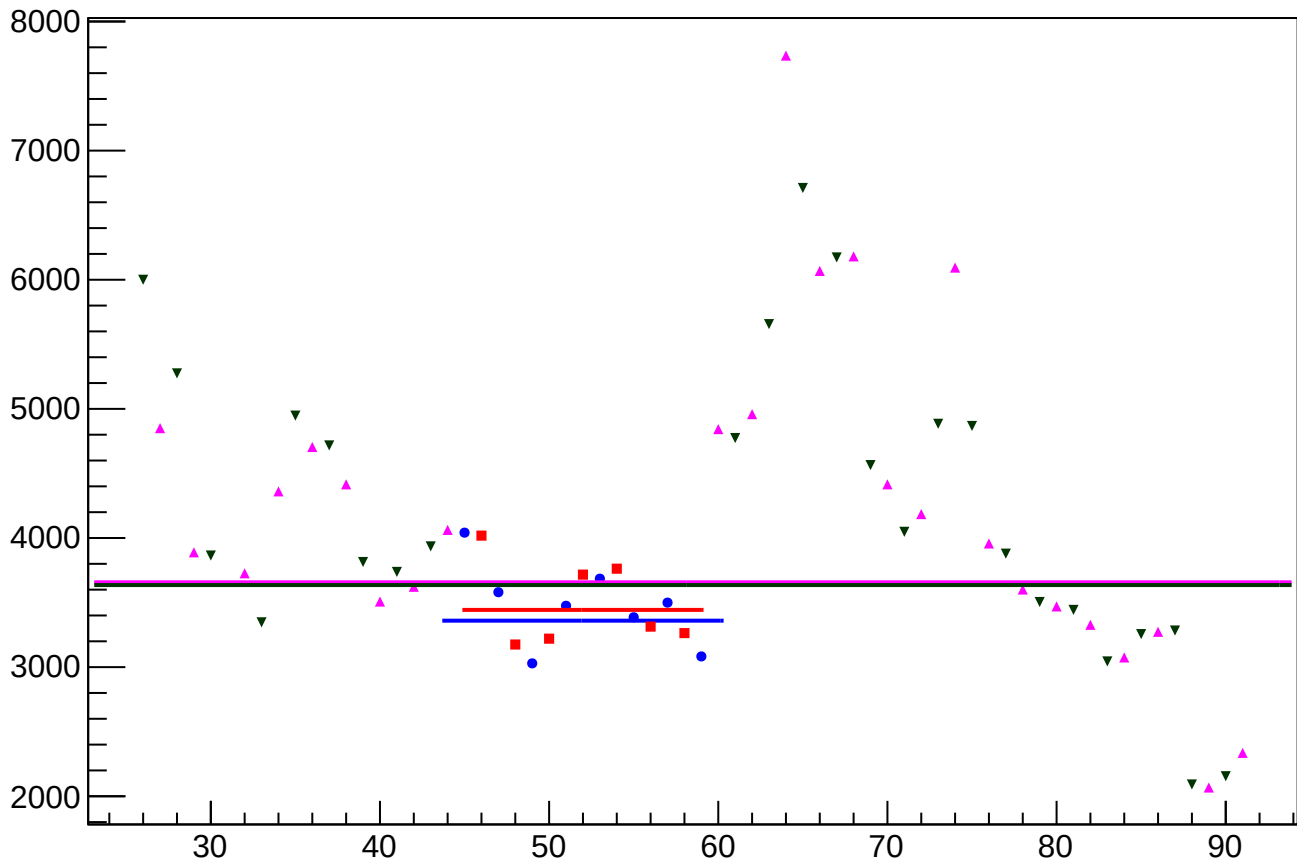
Right Out: -2114.067+/-1856.793 χ^2/NDF : 16.0/6

Left In: 2031.563+/-1026.052 χ^2/NDF : 26.7/24

-2193.739+/-884.708 χ^2/NDF : 67.8/32

1061.786+/-898.058 χ^2/NDF : 46.5/31

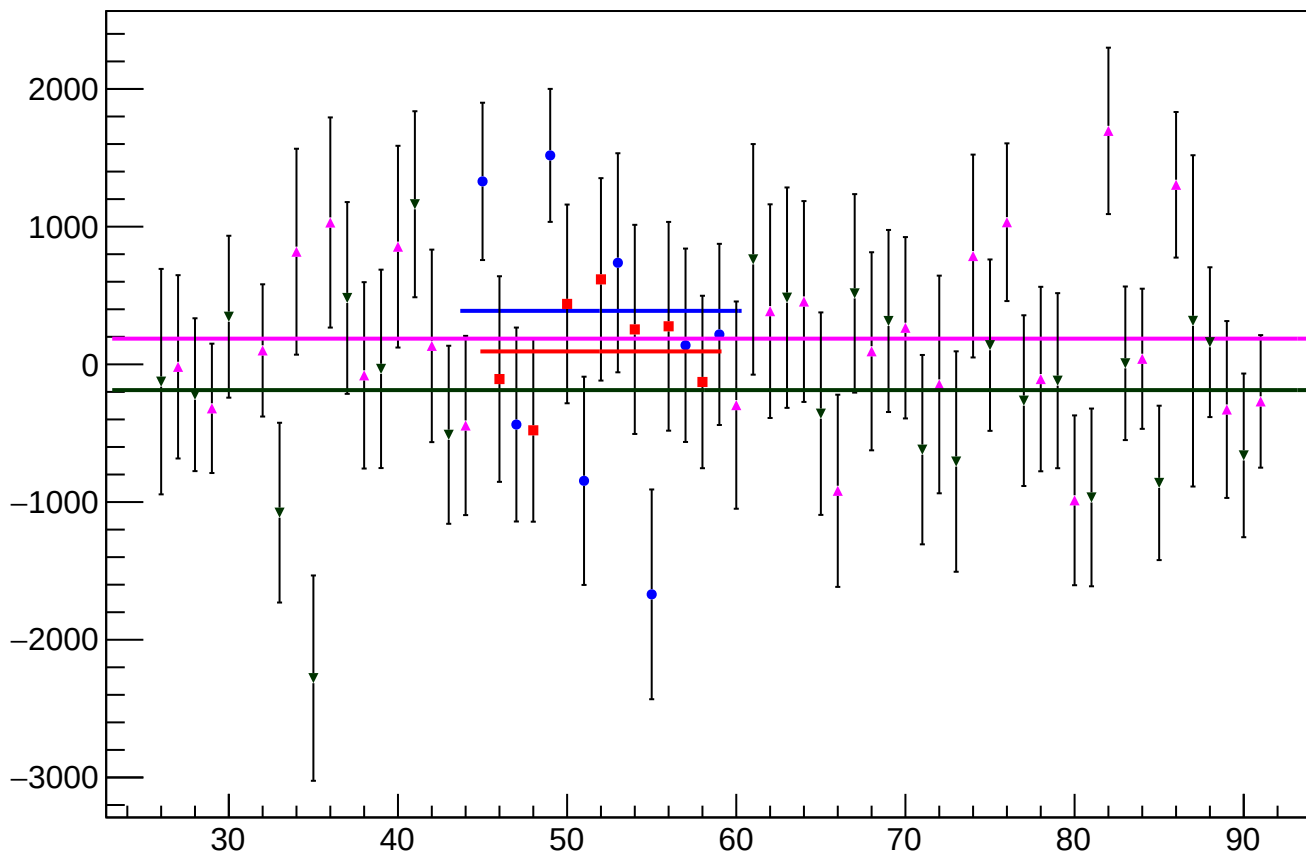
asym_sam_37_avg_correction_rms vs slug



Right In: 3359.789+/-1.089 χ^2/NDF : 83920.5/7
 Left Out: 3635.602+/-0.764 χ^2/NDF : 2139354.9/24
 Right Out: 3443.251+/-1.313 χ^2/NDF : 46832.0/6
 Left In: 3656.871+/-0.726 χ^2/NDF : 2101577.5/24

3544.568+/-0.626 χ^2/NDF : 2266257.3/32
 3606.899+/-0.635 χ^2/NDF : 2168689.0/31

reg_asym_sam_48_avg_mean vs slug



Right In: 388.560 $\pm$ 230.871 χ^2 /NDF: 19.9/7

Left Out: -186.940 $\pm$ 133.116 χ^2 /NDF:24.7/24

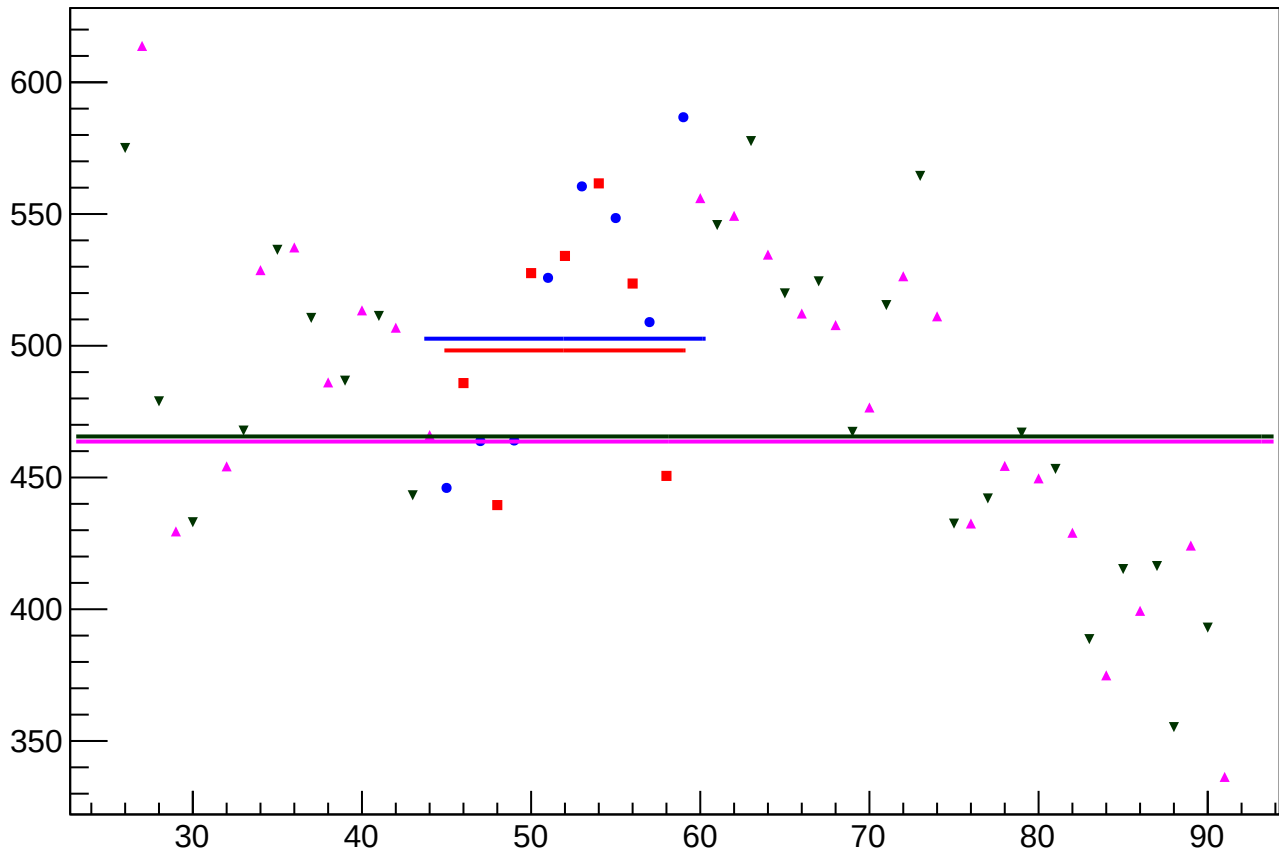
Right Out: 93.947 $\pm$ 268.610 χ^2 /NDF: 1.8/6

Left In: 186.734 $\pm$ 126.032 χ^2 /NDF:27.5/24

-43.353 $\pm$ 115.320 χ^2 /NDF: 49.3/32

169.993 $\pm$ 114.097 χ^2 /NDF: 29.3/31

reg_asym_sam_48_avg_rms vs slug



Right In: 502.686 $\pm$ 0.163 χ^2 /NDF: 91024.8/7

Left Out: 465.580 $\pm$ 0.094 χ^2 /NDF: 384512.6/24

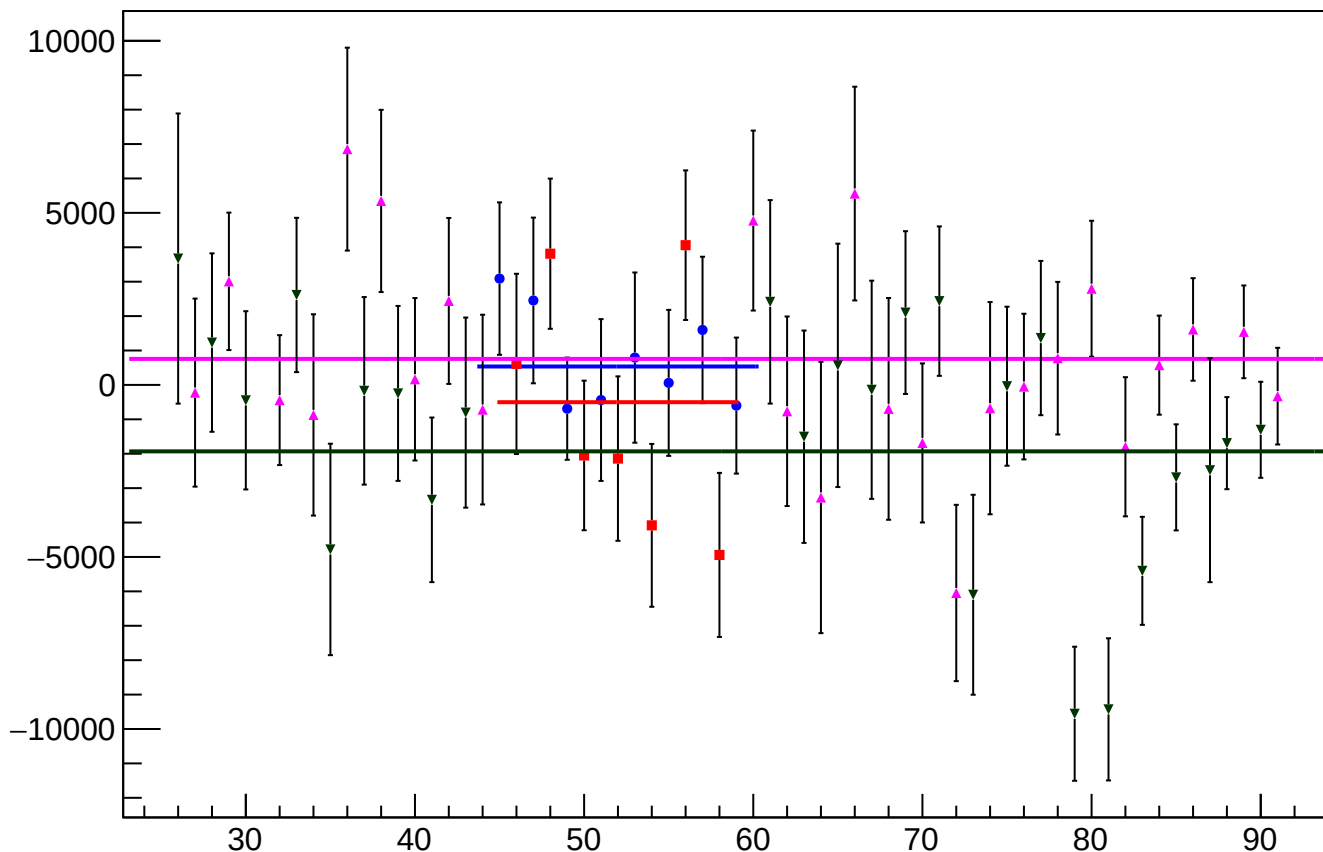
Right Out: 498.226 $\pm$ 0.190 χ^2 /NDF: 52012.1/6

Left In: 463.645 $\pm$ 0.089 χ^2 /NDF: 530017.8/24

474.838 $\pm$ 0.082 χ^2 /NDF: 514311.6/32

469.888 $\pm$ 0.081 χ^2 /NDF: 609193.4/31

asym_sam_48_avg_correction_mean vs slug



Right In: 535.503+/-730.782 χ^2/NDF : 3.5/7

Left Out: -1931.209+/-445.478 χ^2/NDF : 58.6/24

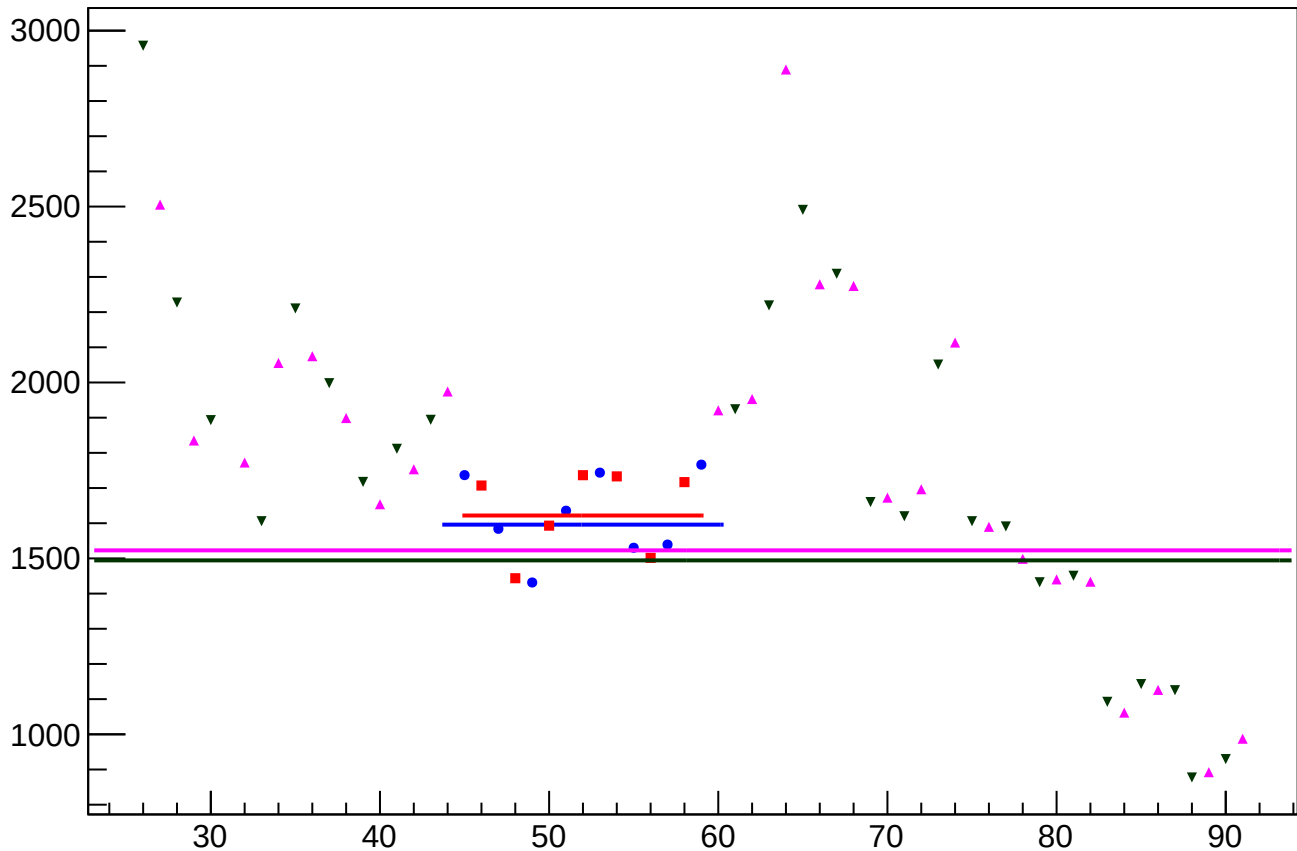
Right Out: -502.424+/-874.162 χ^2/NDF : 15.2/6

Left In: 756.090+/-429.249 χ^2/NDF : 29.0/24

-1262.915+/-380.376 χ^2/NDF : 70.4/32

511.590+/-385.303 χ^2/NDF : 45.9/31

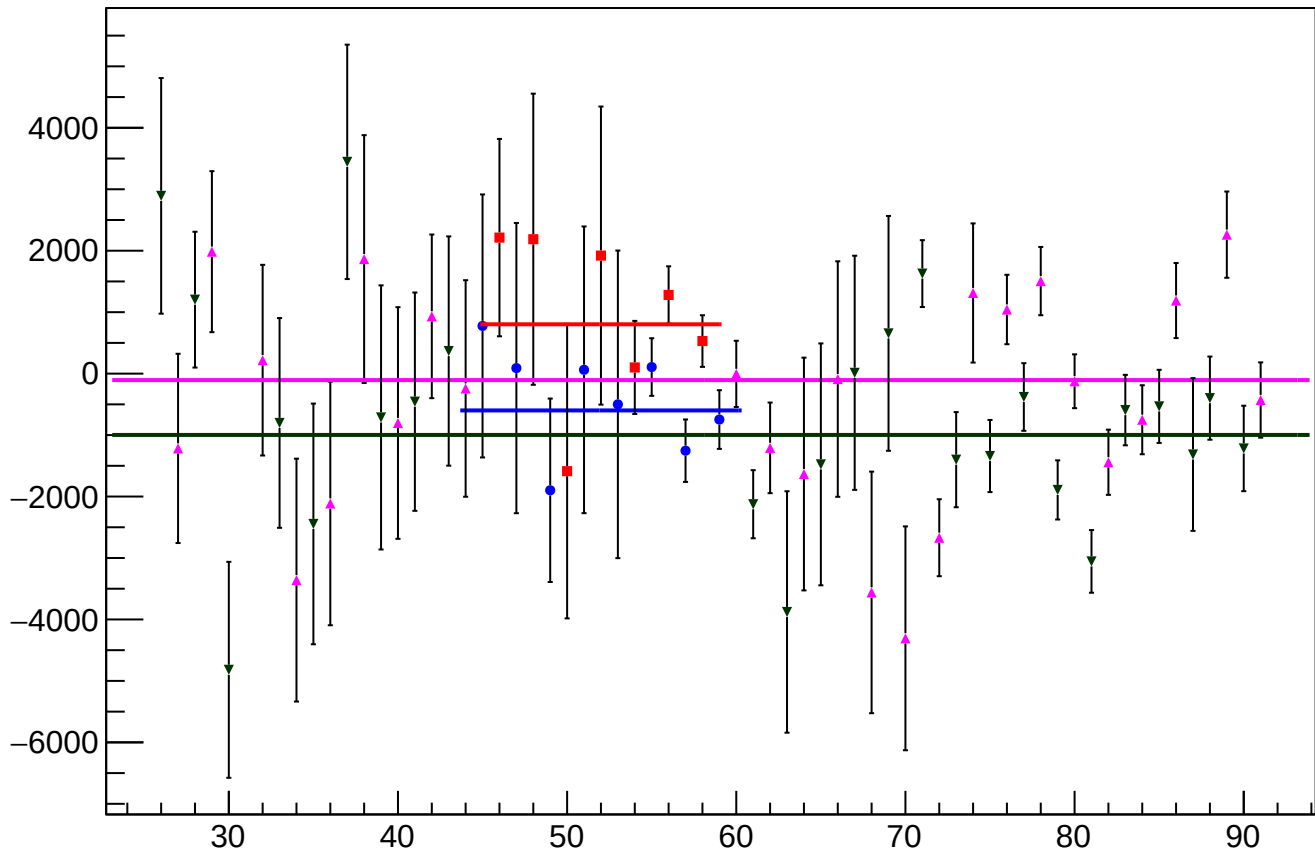
asym_sam_48_avg_correction_rms vs slug



Right In: 1595.974+/-0.517 χ^2/NDF : 58538.8/7
 Left Out: 1494.367+/-0.315 χ^2/NDF :2280033.3/24
 Right Out: 1621.926+/-0.618 χ^2/NDF : 34128.0/6
 Left In: 1522.852+/-0.304 χ^2/NDF :2335708.8/24

1521.895+/-0.269 χ^2/NDF : 2366760.5/32
 1542.100+/-0.272 χ^2/NDF : 2390535.8/31

asym_sam_15_dd_mean vs slug



Right In: -598.807+/-267.284 χ^2/NDF : 5.4/7

Left Out: -997.577+/-163.021 χ^2/NDF : 73.8/24

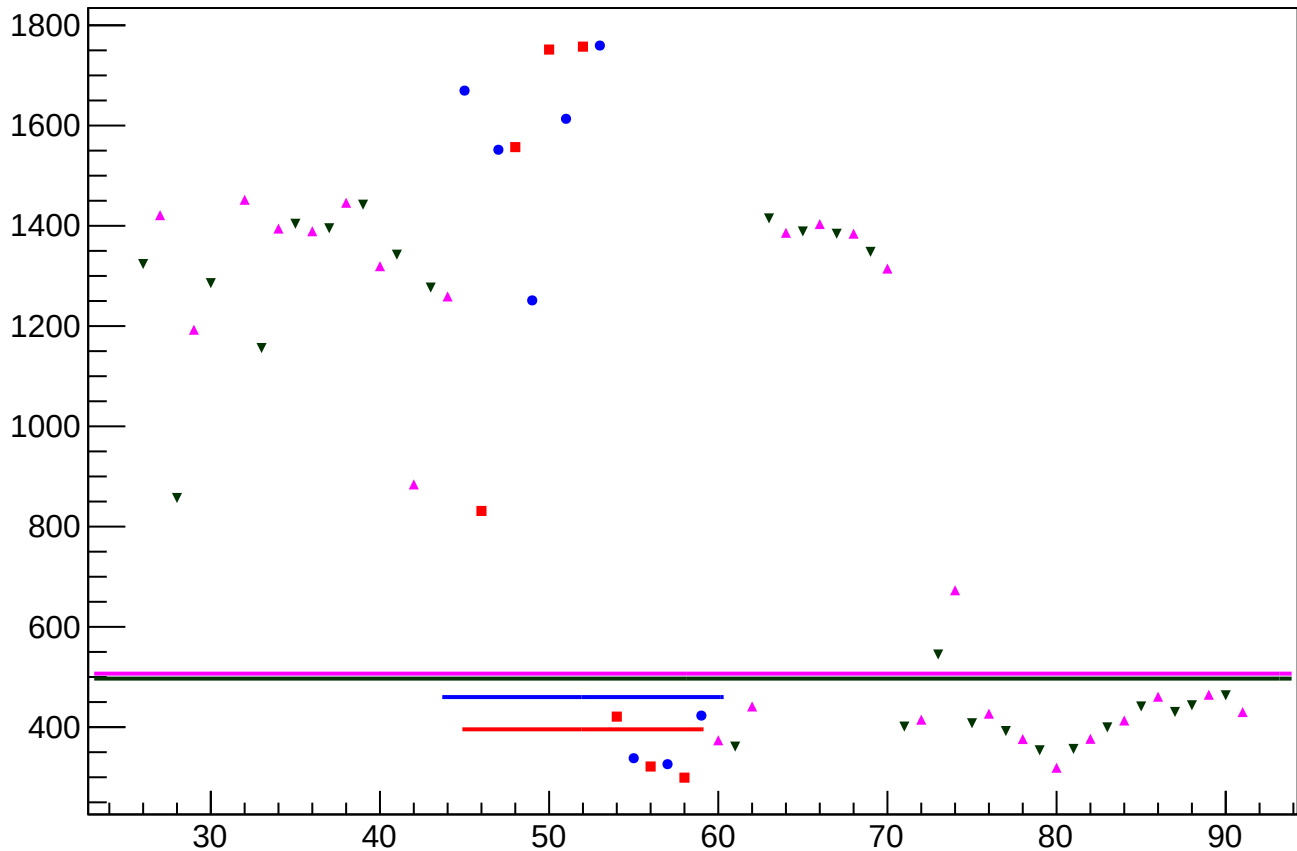
Right Out: 802.733+/-278.113 χ^2/NDF : 4.7/6

Left In: -105.099+/-160.611 χ^2/NDF : 74.6/24

-889.456+/-139.177 χ^2/NDF : 80.8/32

121.950+/-139.084 χ^2/NDF : 87.2/31

asym_sam_15_dd_rms vs slug



Right In: 459.953+/-0.189 χ^2/NDF : 2943099.1/7

Left Out: 496.819+/-0.115 χ^2/NDF : 5761749.1/24

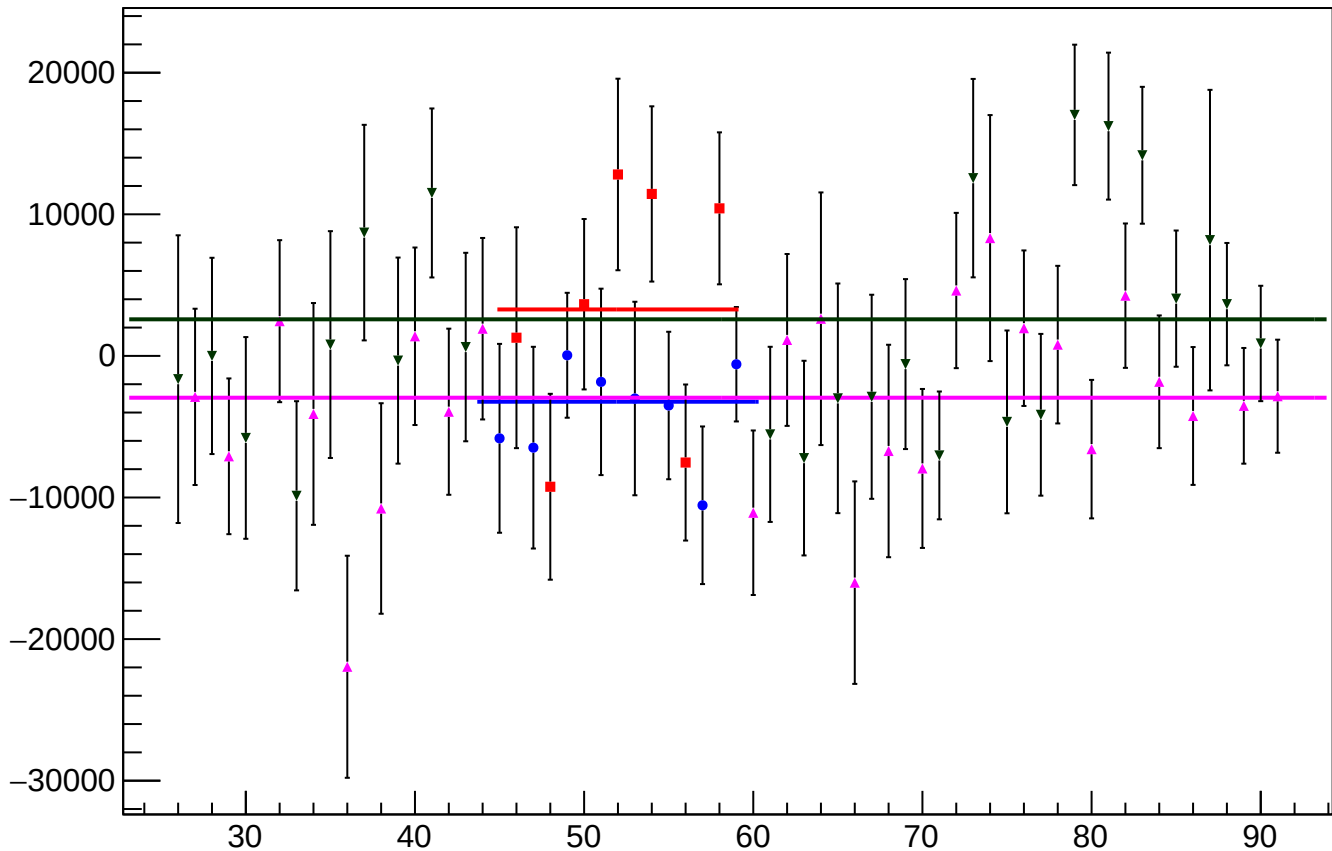
486.823+/-0.098 χ^2/NDF : 8732580.0/32

Right Out: 395.607+/-0.197 χ^2/NDF : 2057641.7/6

478.941+/-0.098 χ^2/NDF : 9053812.8/31

Left In: 506.734+/-0.114 χ^2/NDF : 6756711.8/24

asym_sam_26_dd_mean vs slug



Right In: -3235.932 $\pm$ 1929.895 χ^2 /NDF: 3.1/7

Left Out: 2583.418 $\pm$ 1199.387 χ^2 /NDF:44.4/24

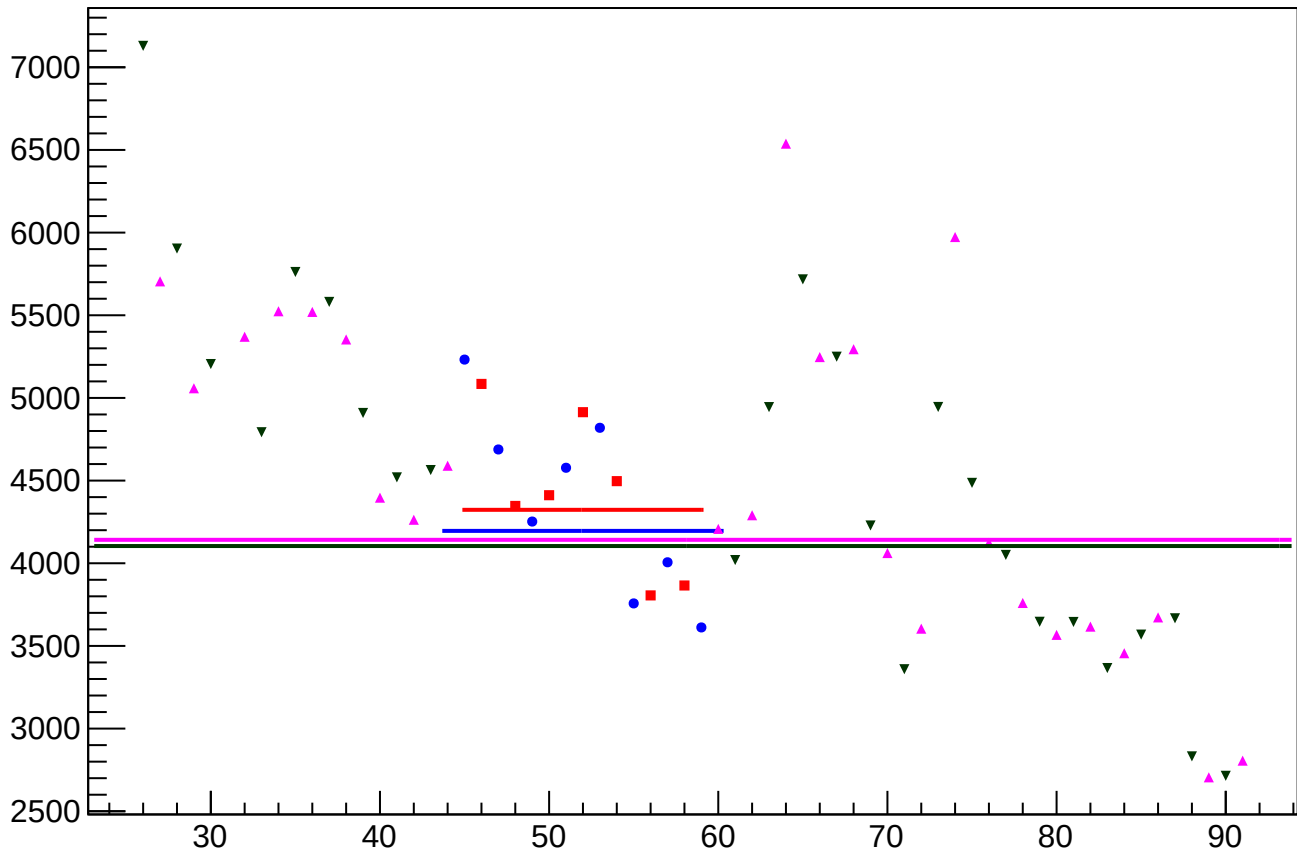
Right Out: 3281.003 $\pm$ 2338.290 χ^2 /NDF: 13.1/6

Left In: -2953.089 $\pm$ 1147.108 χ^2 /NDF:24.3/24

962.022 $\pm$ 1018.687 χ^2 /NDF: 54.1/32

-1743.798 $\pm$ 1029.858 χ^2 /NDF: 43.0/31

asym_sam_26_dd_rms vs slug



Right In: 4195.793+/-1.365 χ^2/NDF : 139845.4/7

Left Out: 4104.153+/-0.848 χ^2/NDF :1350713.1/24

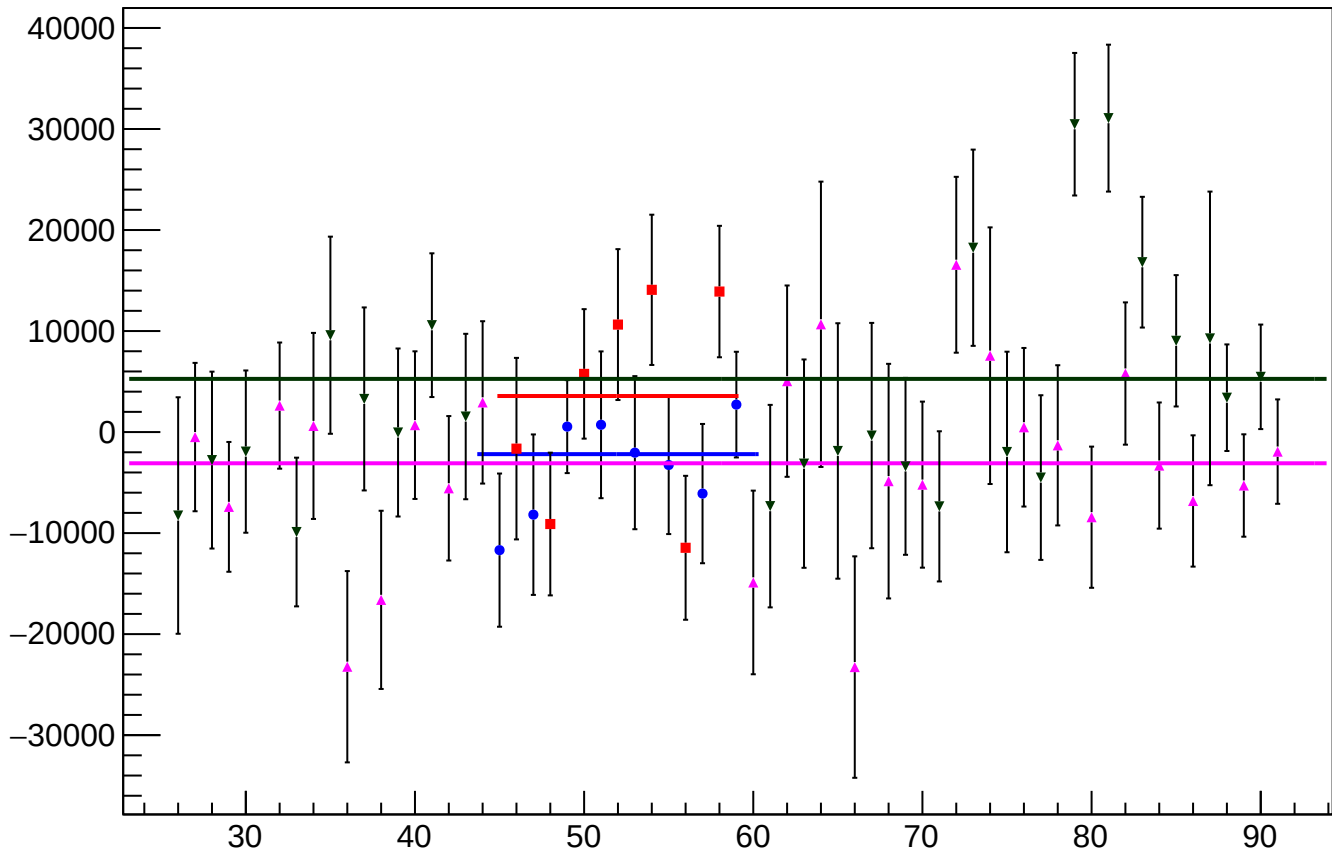
Right Out: 4323.206+/-1.653 χ^2/NDF : 68542.8/6

Left In: 4141.800+/-0.811 χ^2/NDF :1405200.8/24

4129.686+/-0.720 χ^2/NDF : 1493811.6/32

4176.989+/-0.728 χ^2/NDF : 1483446.0/31

asym_sam_37_dd_mean vs slug



Right In: -2184.583 $\pm$ 2259.716 χ^2 /NDF: 3.9/7

Left Out: 5264.246 $\pm$ 1598.626 χ^2 /NDF:48.2/24

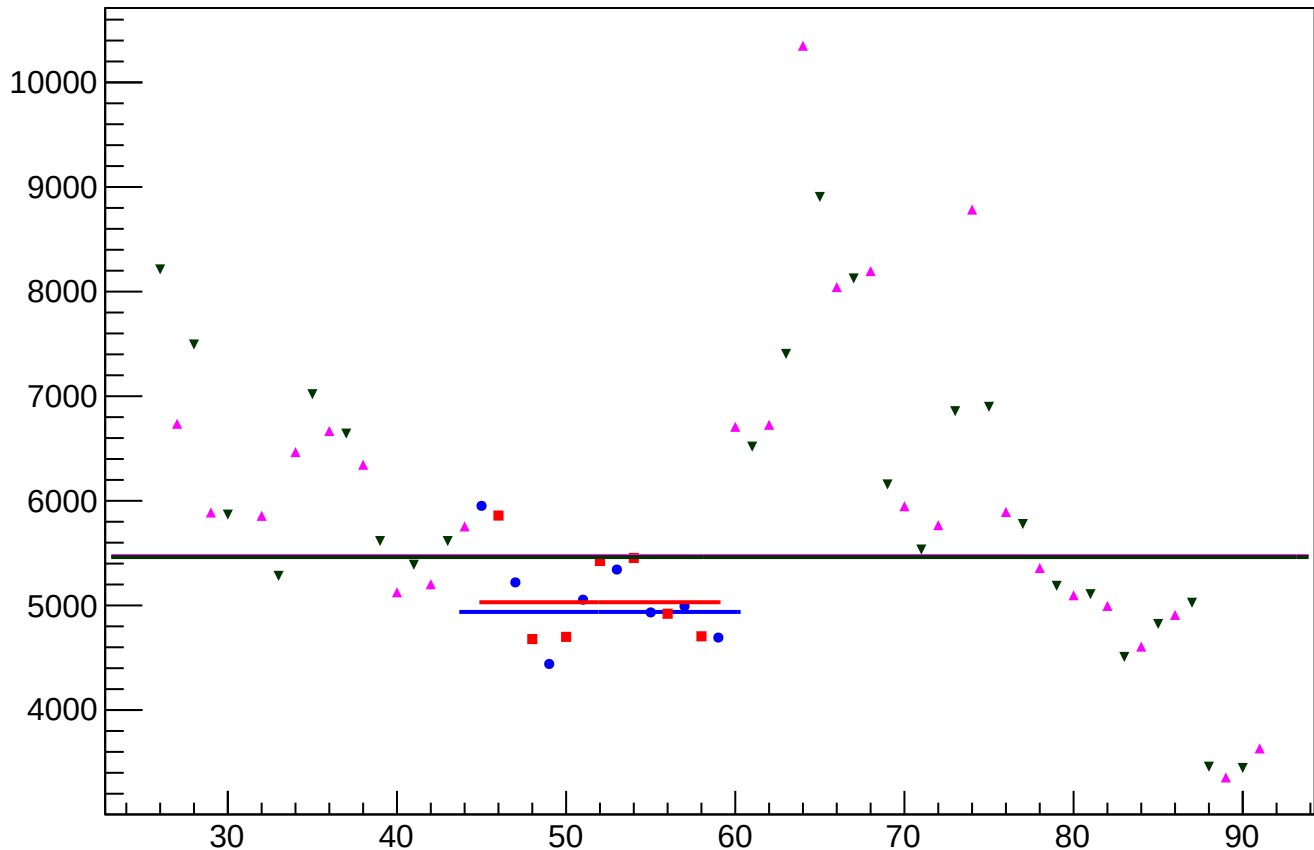
2779.718 $\pm$ 1305.064 χ^2 /NDF: 59.3/32

Right Out: 3568.901 $\pm$ 2710.555 χ^2 /NDF: 13.5/6

-1501.589 $\pm$ 1323.612 χ^2 /NDF: 43.2/31

Left In: -3089.254 $\pm$ 1516.745 χ^2 /NDF:25.0/24

asym_sam_37_dd_rms vs slug



Right In: 4937.882 ± 1.598 χ^2/NDF : 72418.9/7

Left Out: 5462.185 ± 1.130 χ^2/NDF : 1429934.4/24

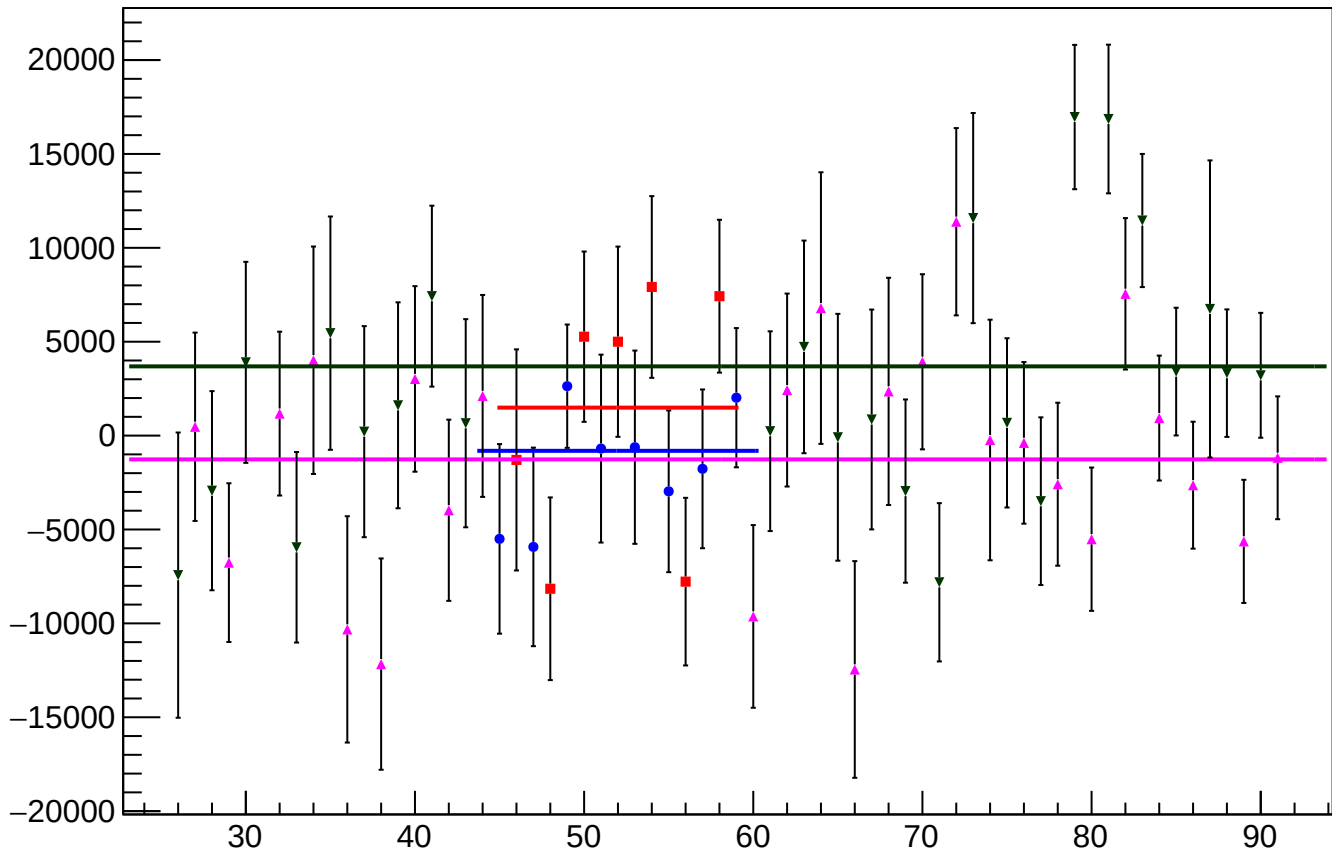
Right Out: 5030.705 ± 1.917 χ^2/NDF : 44856.0/6

Left In: 5471.616 ± 1.073 χ^2/NDF : 1512301.5/24

5287.305 ± 0.923 χ^2/NDF : 1574109.0/32

5366.479 ± 0.936 χ^2/NDF : 1597458.2/31

asym_sam_48_dd_mean vs slug



Right In: -810.794 ± 1528.407 χ^2/NDF : 3.8/7

Left Out: 3686.956 ± 939.793 χ^2/NDF : 52.1/24

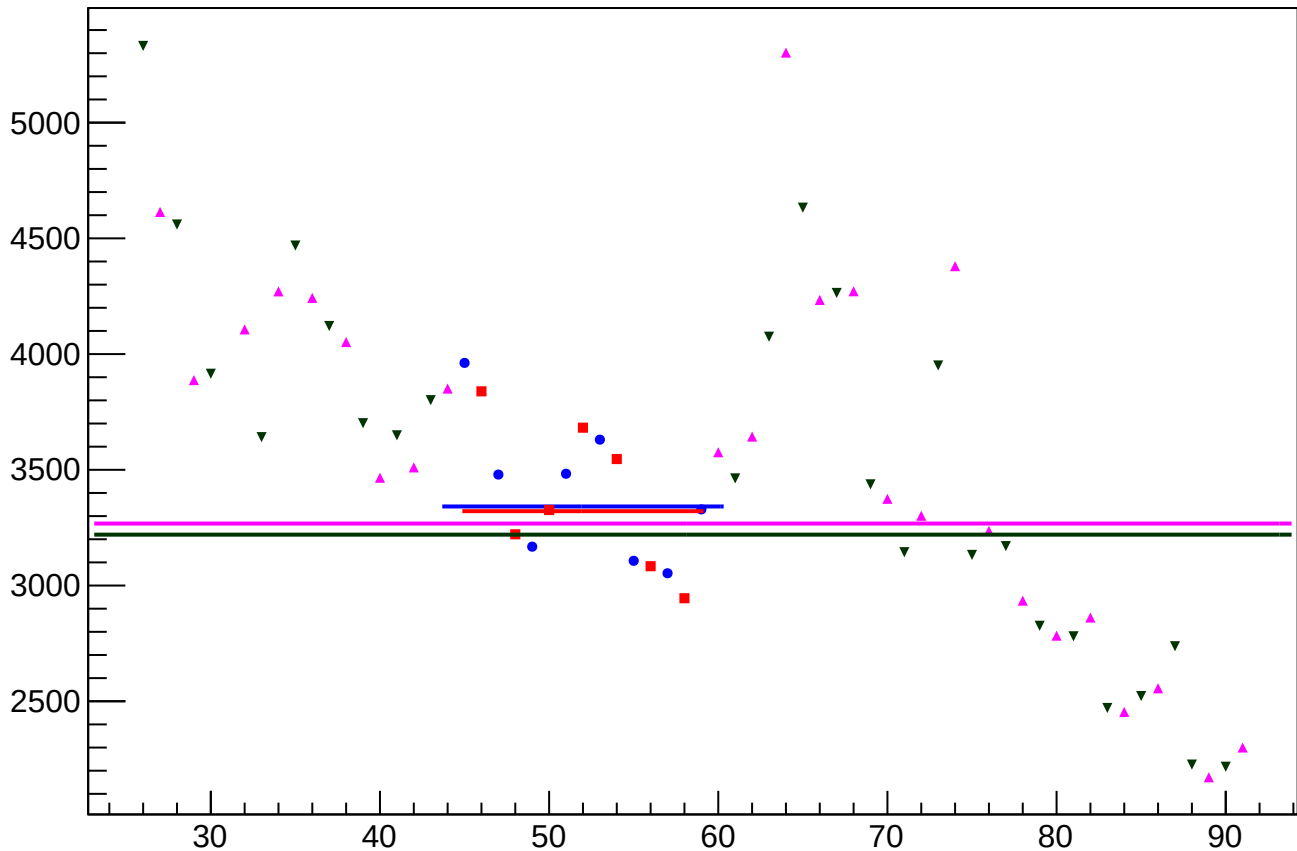
Right Out: 1489.969 ± 1790.394 χ^2/NDF : 13.5/6

Left In: -1266.400 ± 904.649 χ^2/NDF : 35.4/24

2452.981 ± 800.561 χ^2/NDF : 62.2/32

-705.805 ± 807.430 χ^2/NDF : 50.9/31

asym_sam_48_dd_rms vs slug



Right In: 3341.590 ± 1.081 χ^2/NDF : 60327.0/7

Left Out: 3219.888 ± 0.665 χ^2/NDF : 1340364.2/24

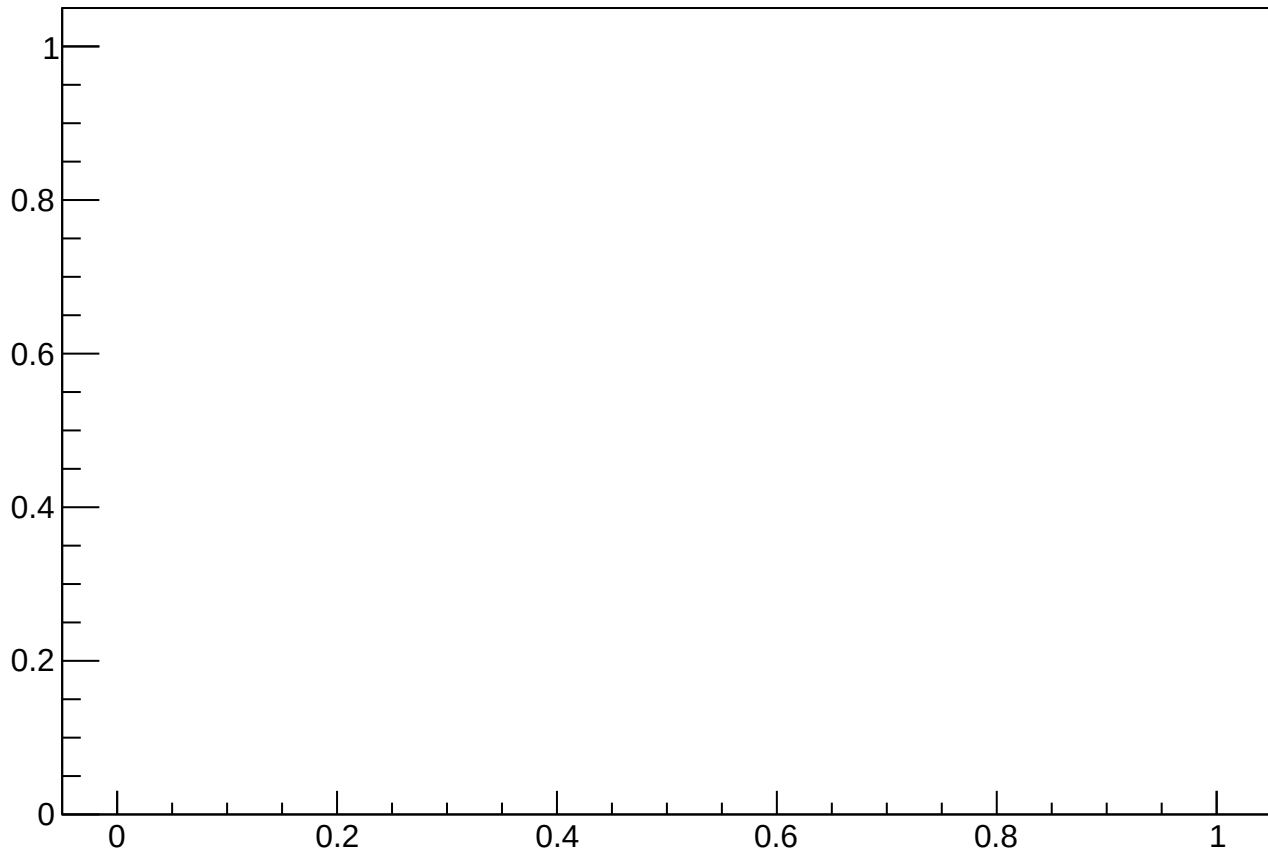
Right Out: 3321.269 ± 1.266 χ^2/NDF : 53555.3/6

Left In: 3267.916 ± 0.640 χ^2/NDF : 1459602.2/24

3253.278 ± 0.566 χ^2/NDF : 1409893.0/32

3278.767 ± 0.571 χ^2/NDF : 1514572.3/31

yield_sam_15_dd_mean vs slug



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

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

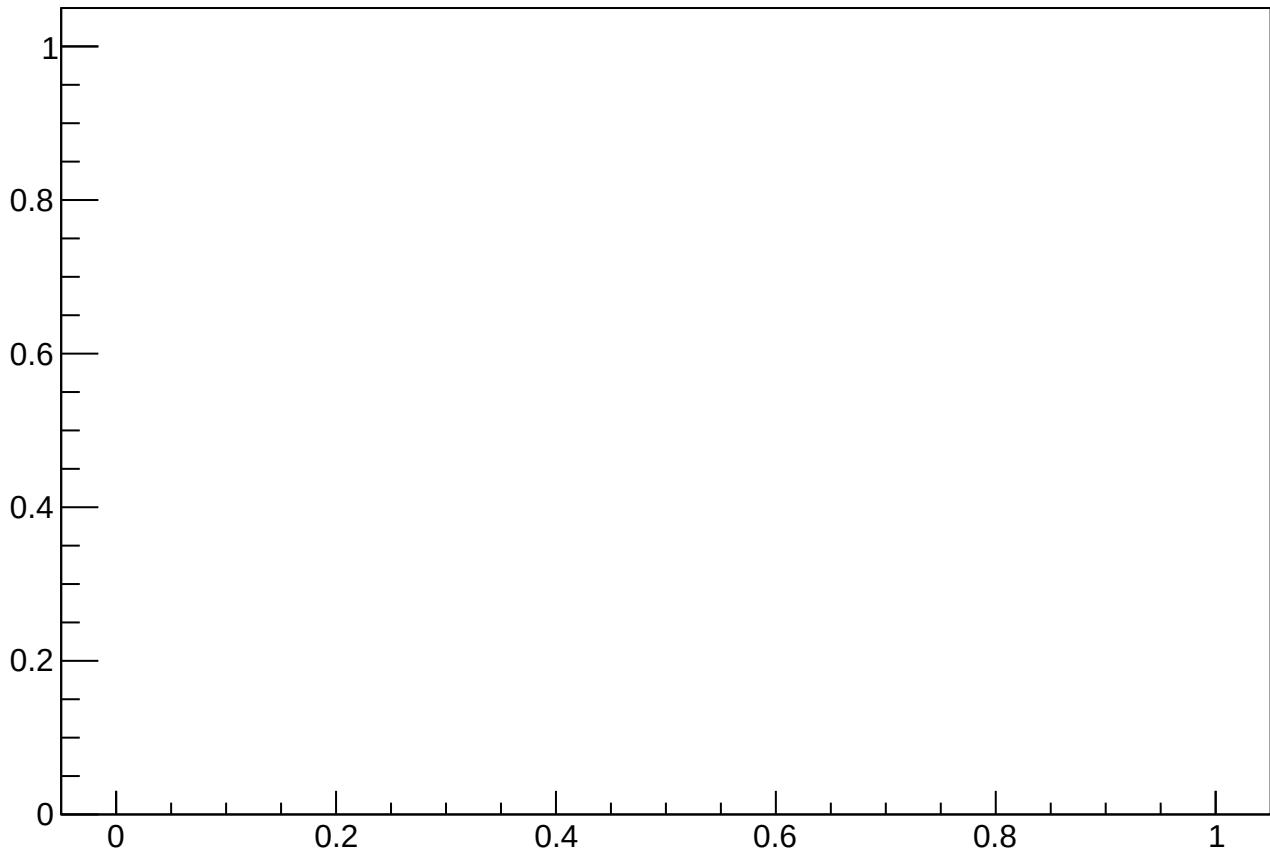
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_15_dd_rms vs slug



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

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

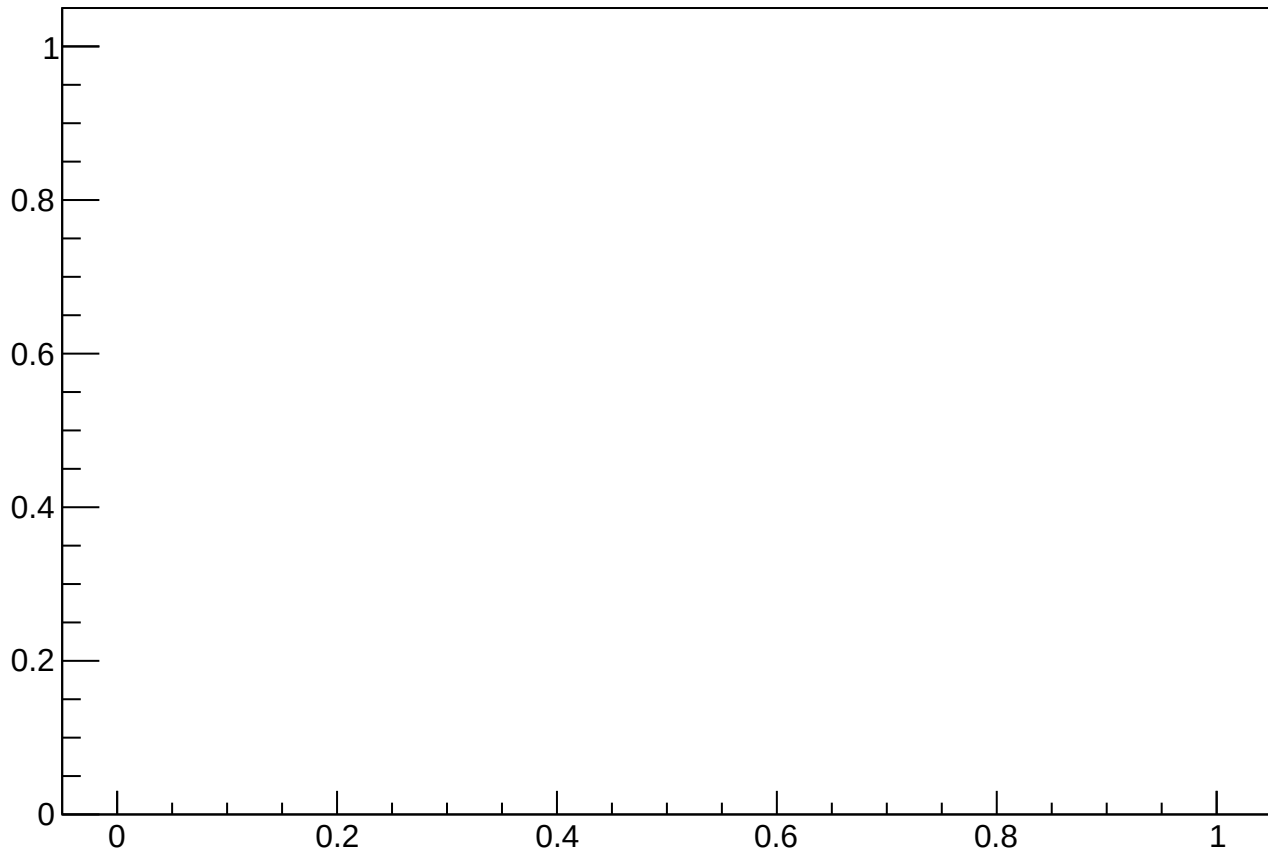
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

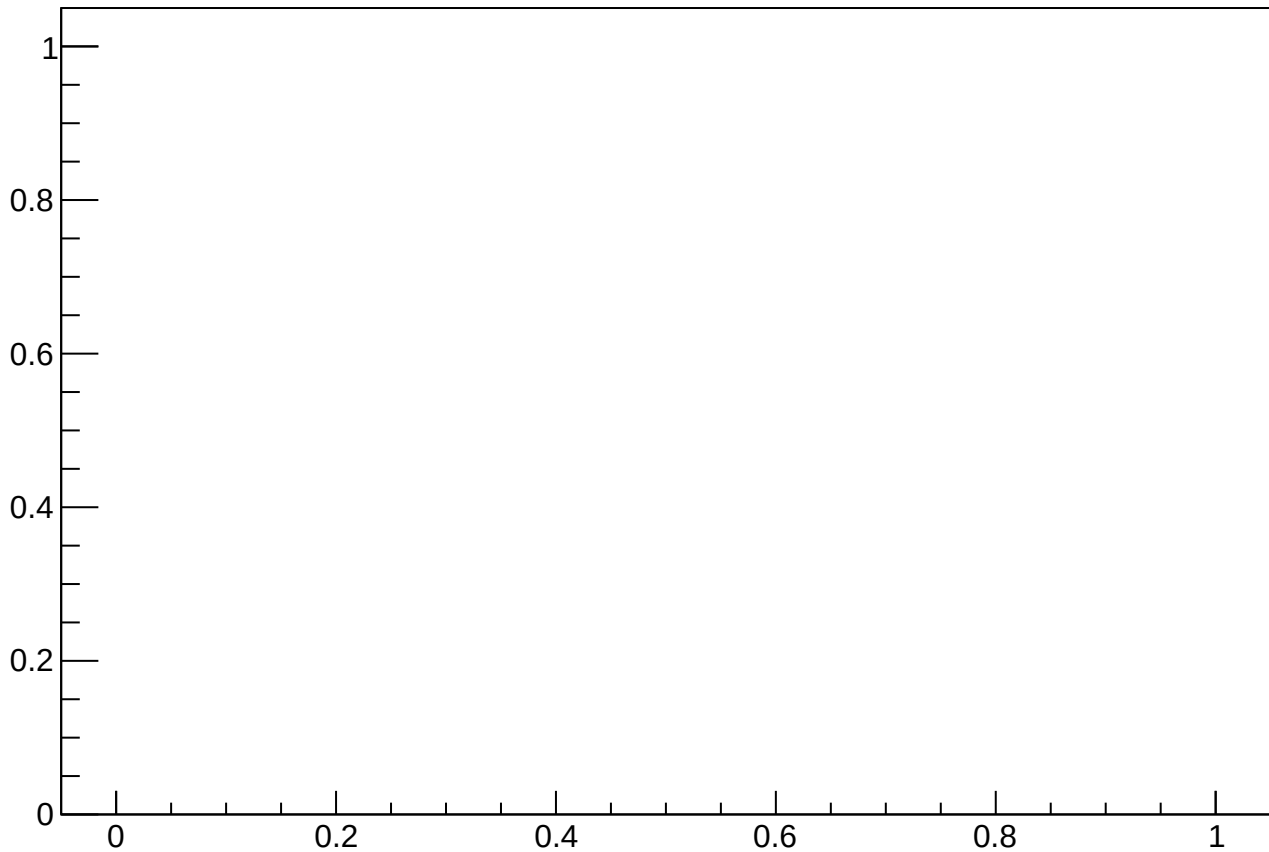
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_rms vs slug



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

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

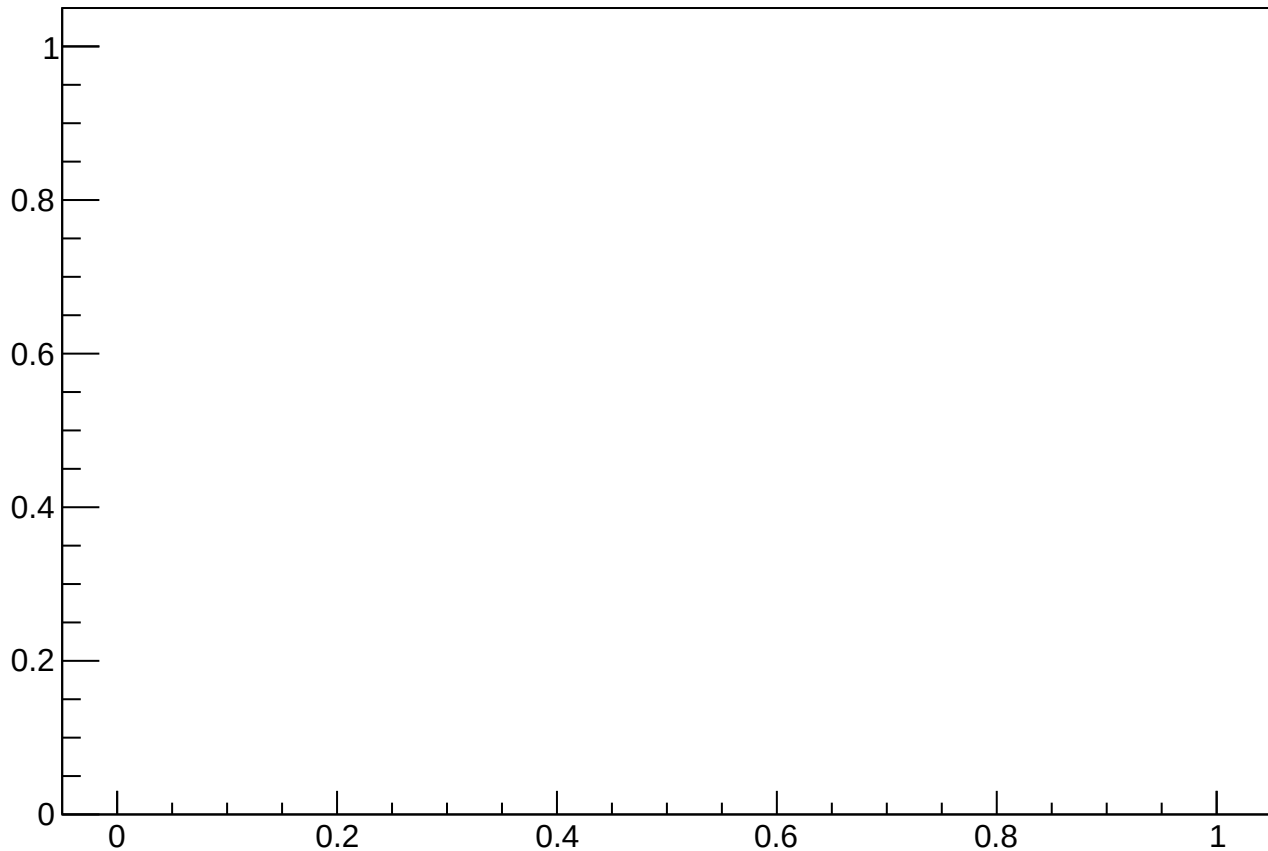
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

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

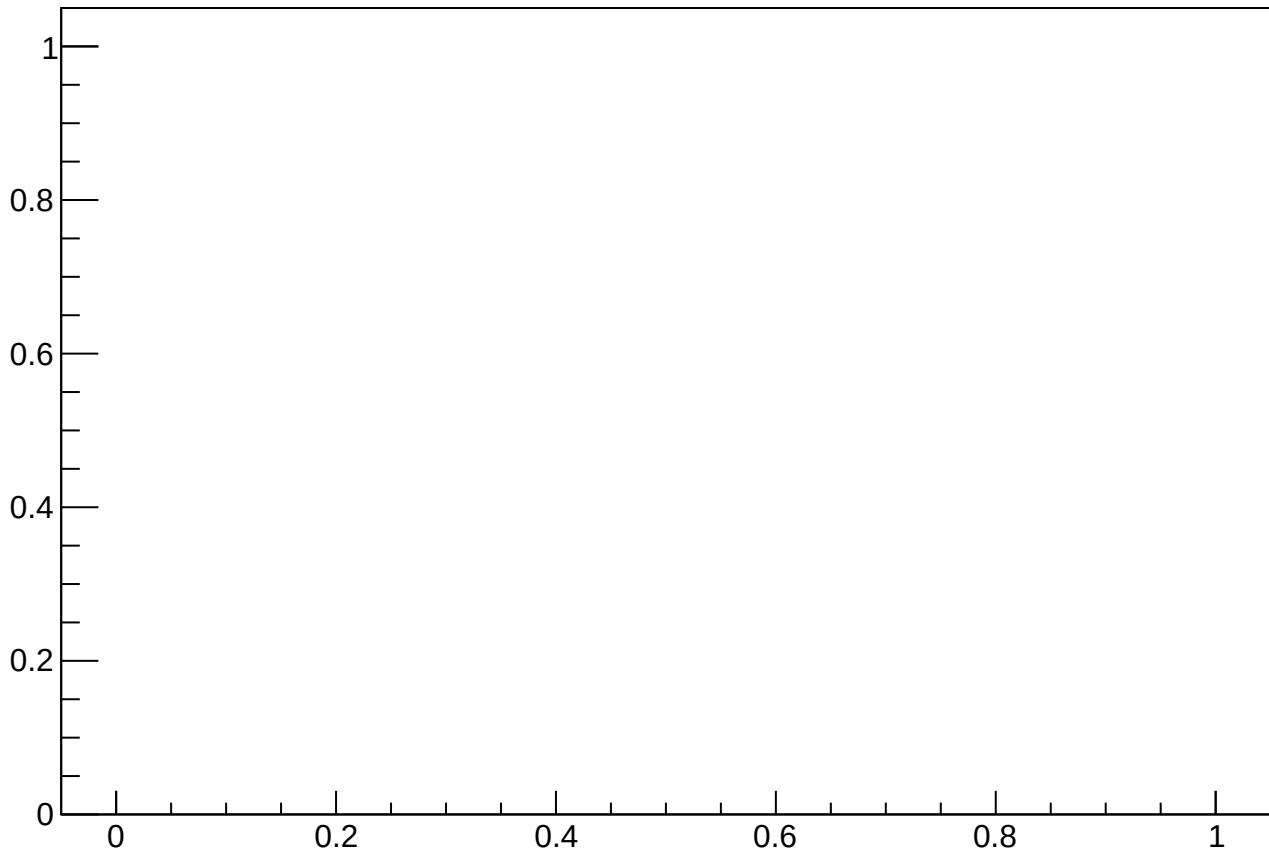
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

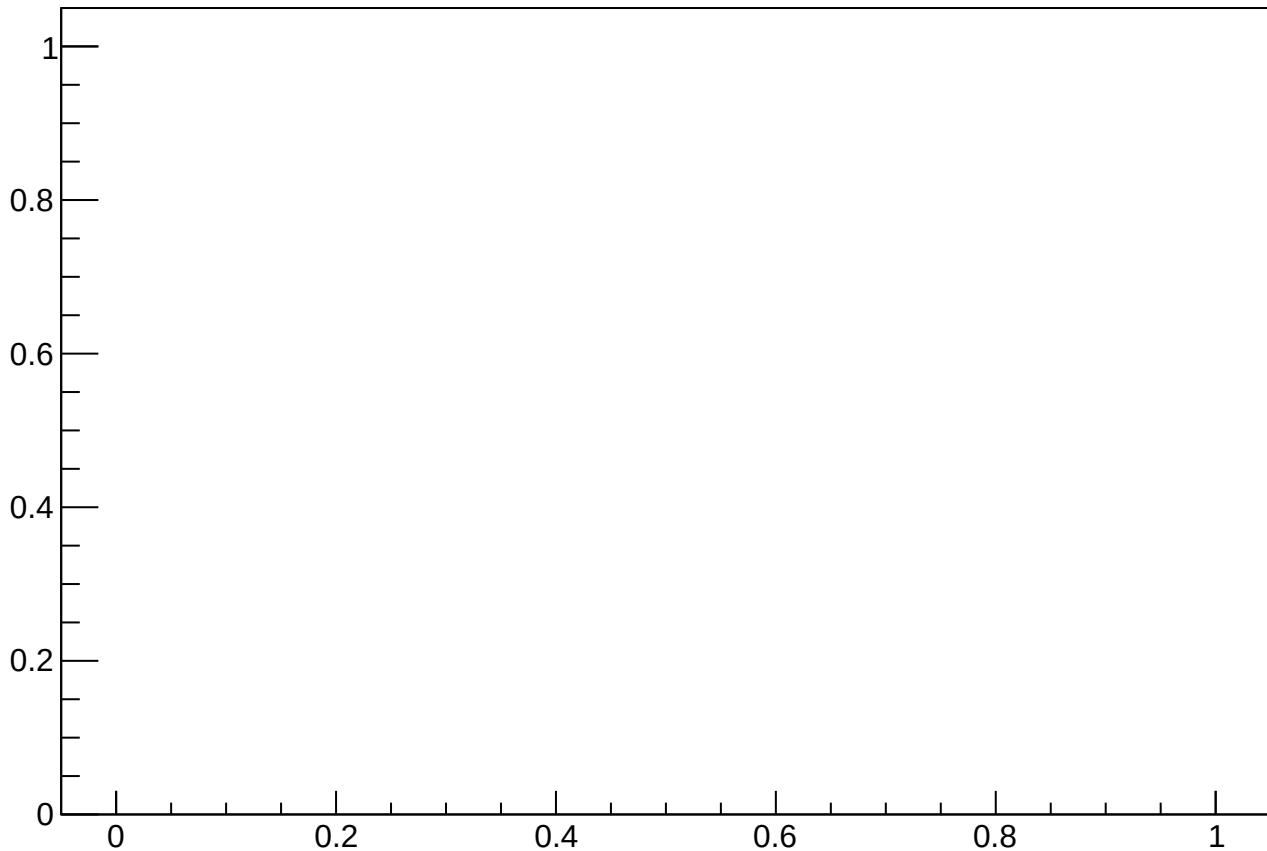
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

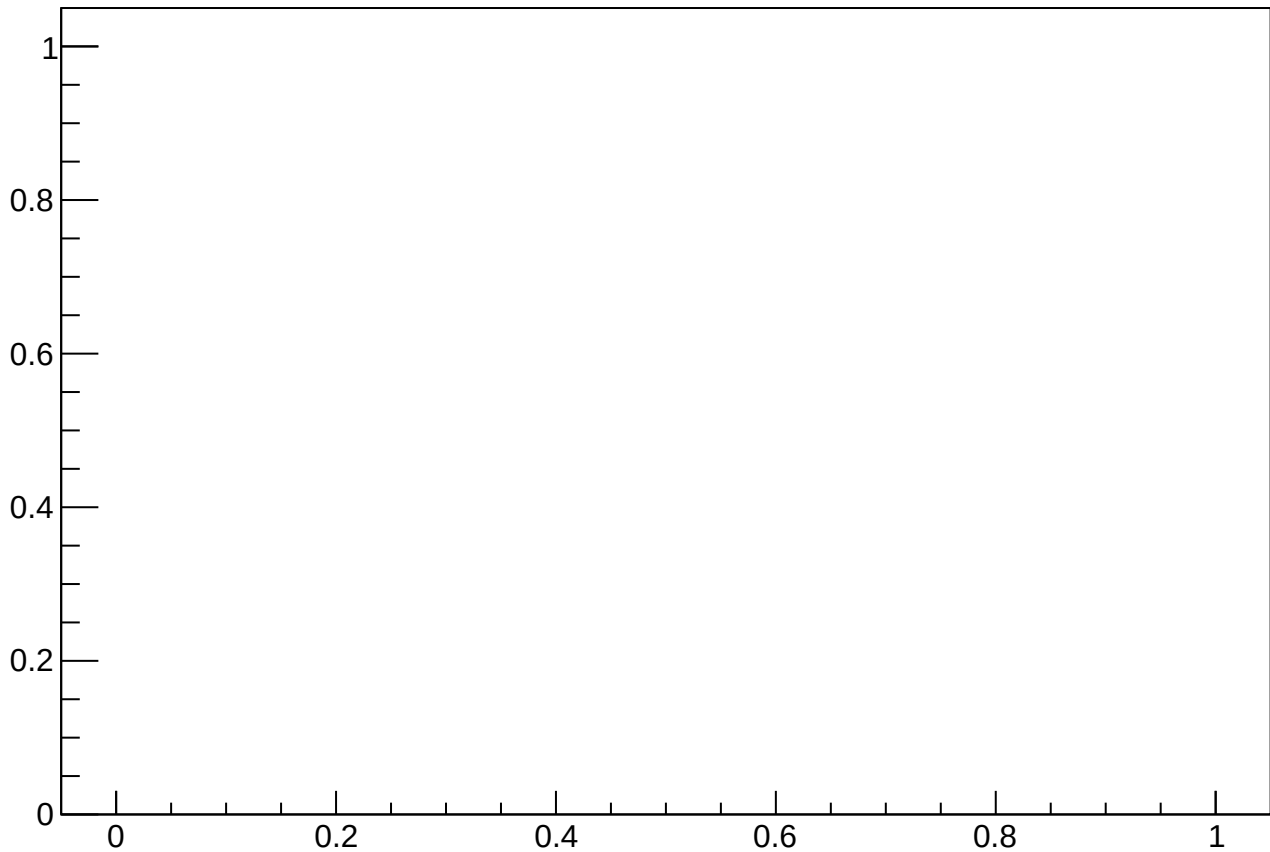
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

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

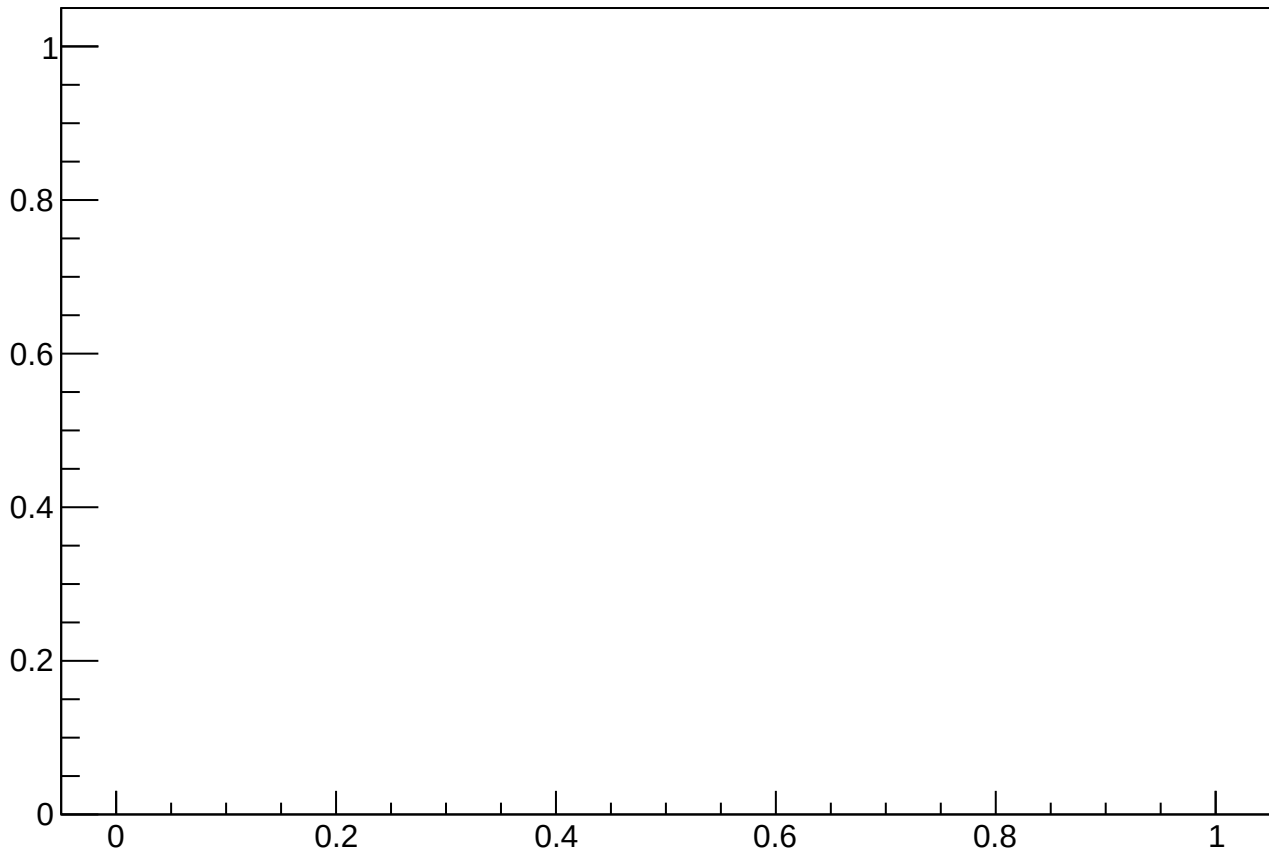
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



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

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

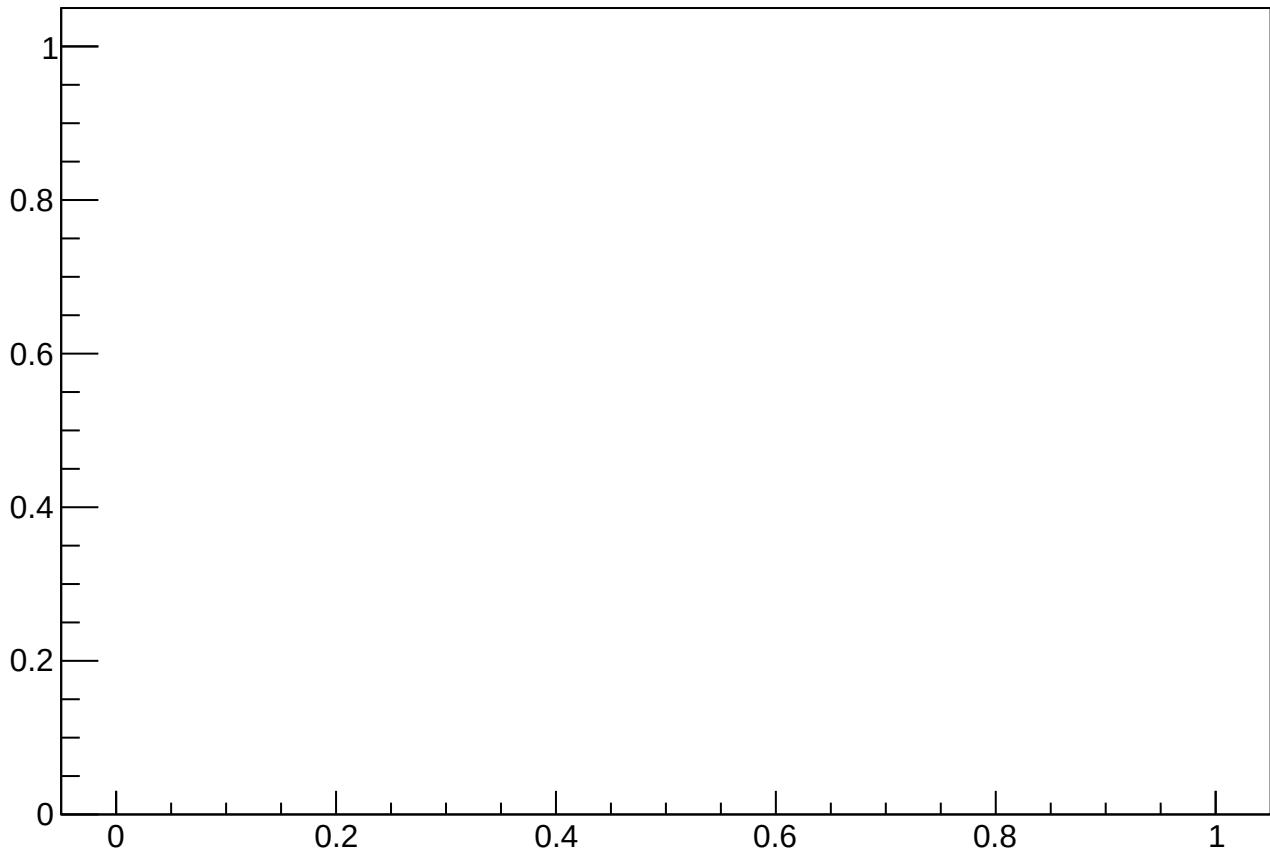
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_rms vs slug



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

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

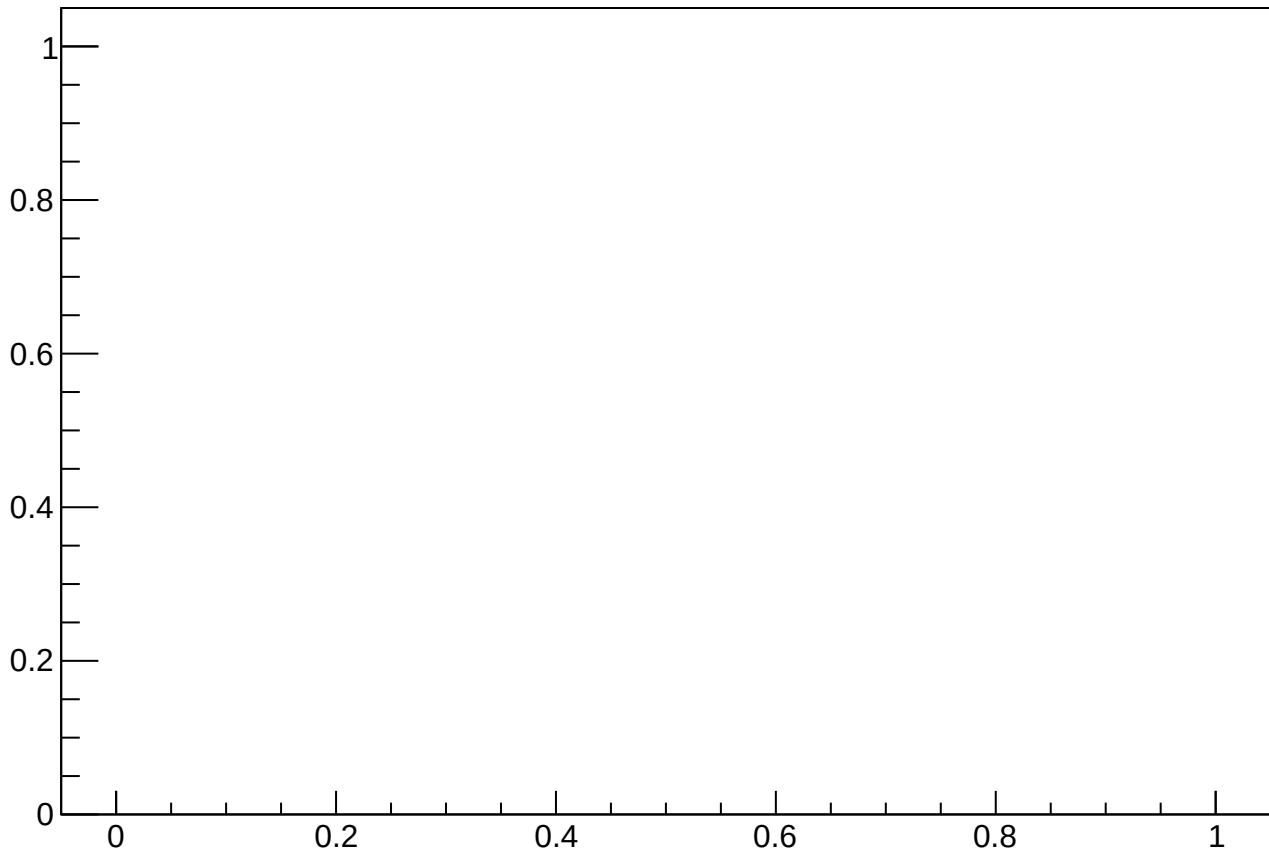
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

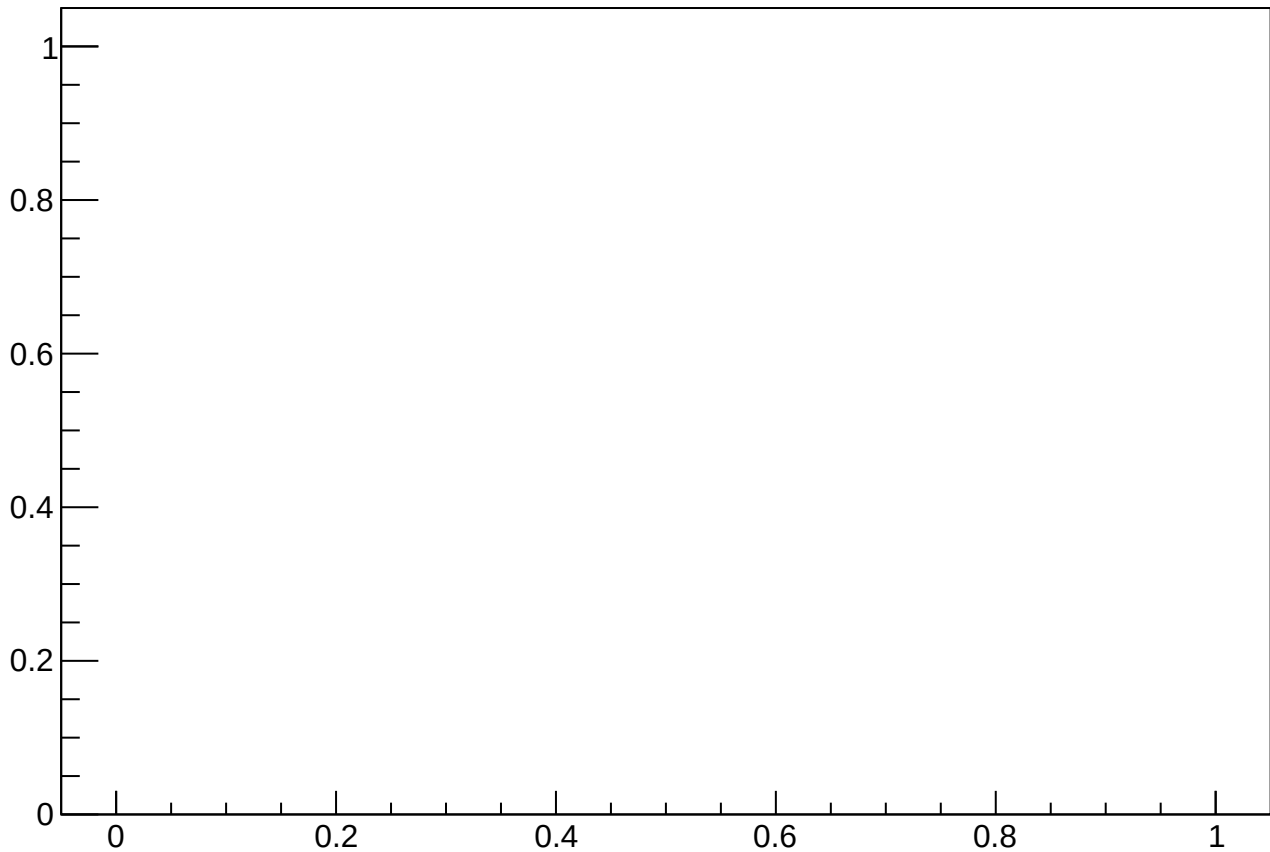
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_dd_rms vs slug



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

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

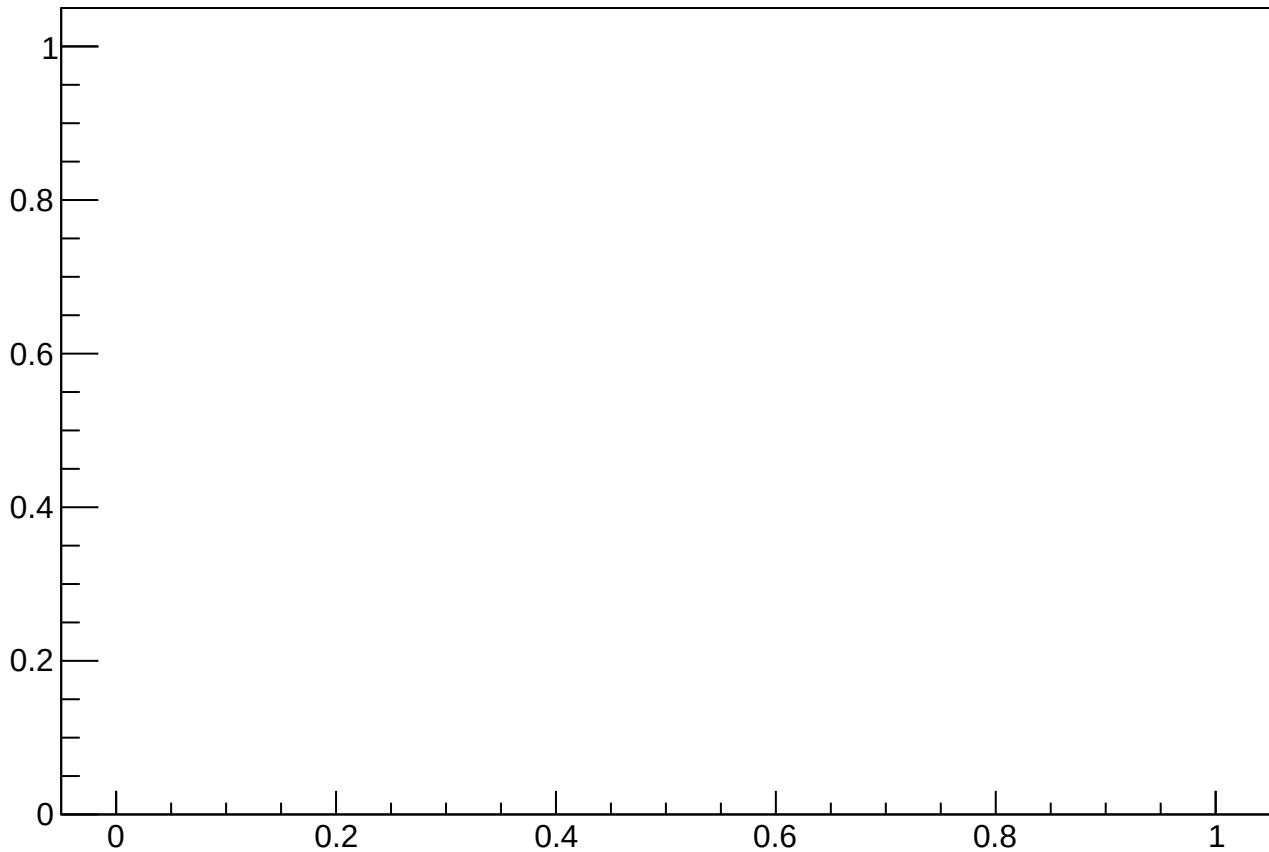
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

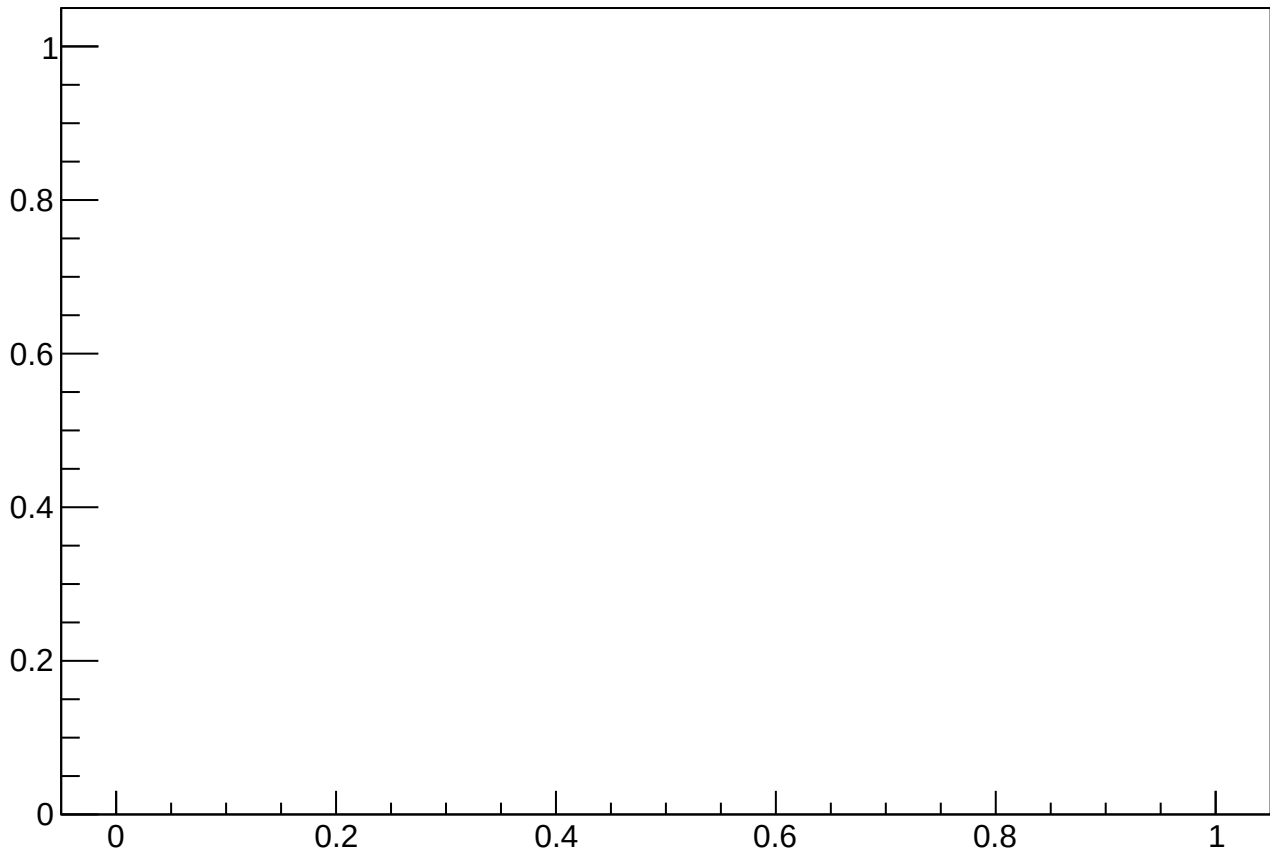
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_37_dd_rms vs slug



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

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

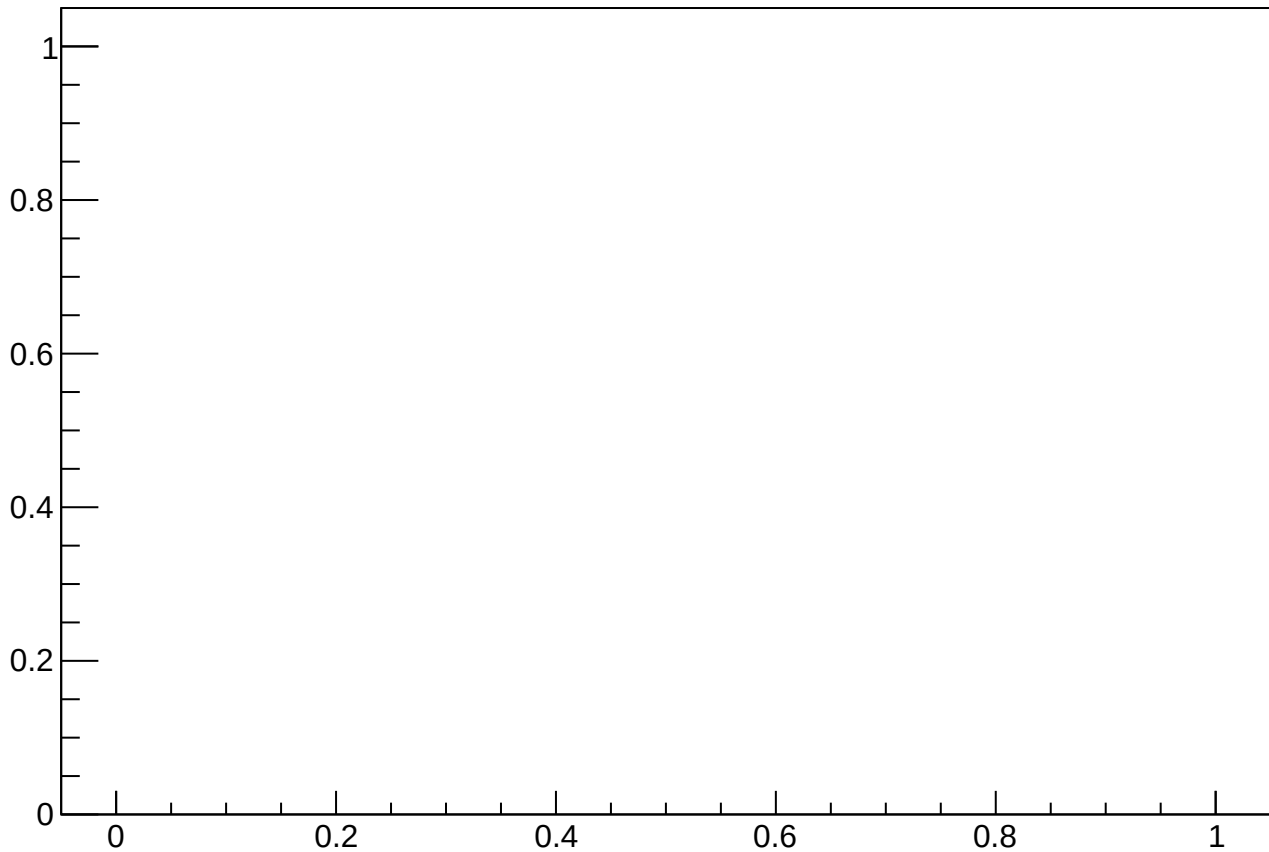
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

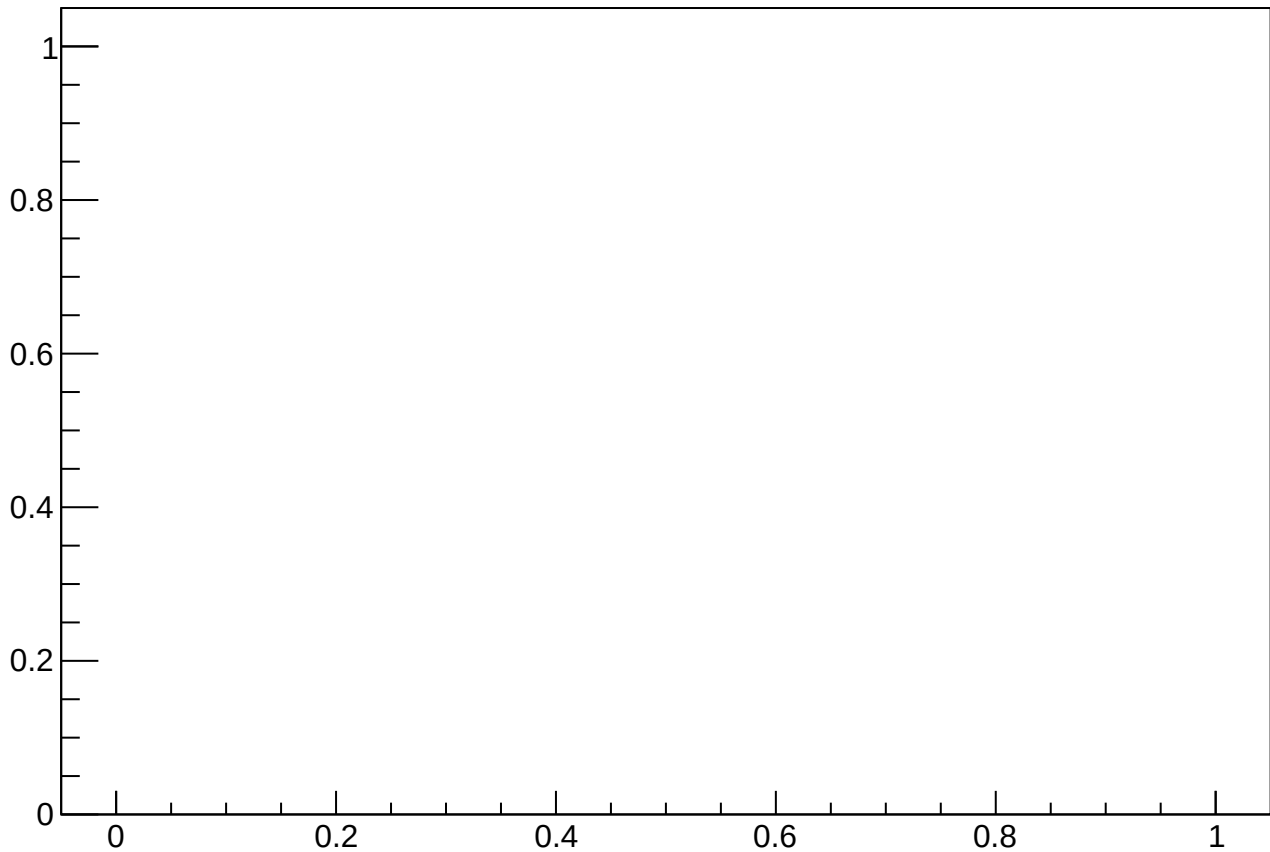
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_48_dd_rms vs slug



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

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

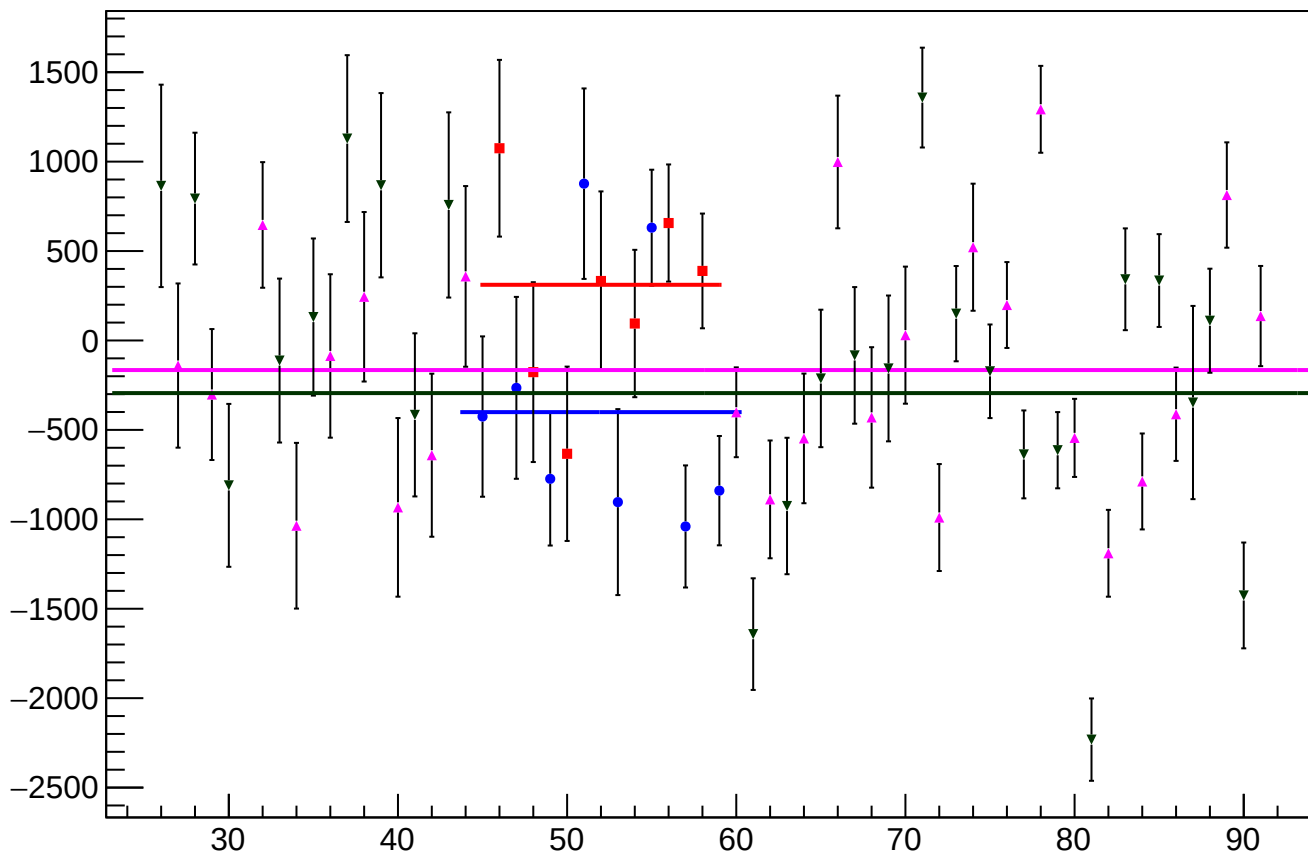
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -400.652 ± 138.583 $\chi^2/\text{NDF}: 23.5/7$

Left Out: -294.236 ± 65.681 $\chi^2/\text{NDF}: 196.3/24$

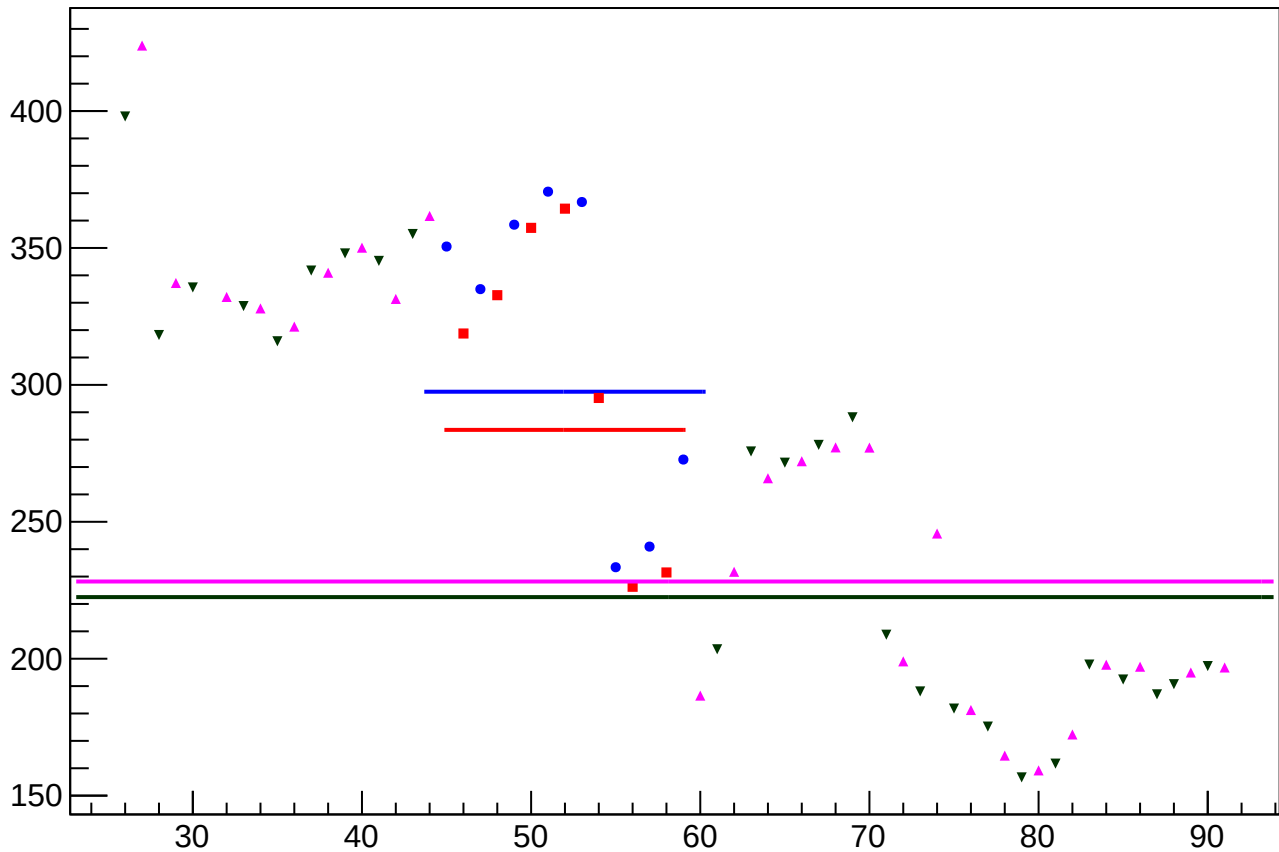
Right Out: 311.290 ± 155.835 $\chi^2/\text{NDF}: 8.5/6$

Left In: -165.441 ± 63.965 $\chi^2/\text{NDF}: 120.7/24$

-313.756 ± 59.353 $\chi^2/\text{NDF}: 220.2/32$

-96.702 ± 59.174 $\chi^2/\text{NDF}: 137.2/31$

reg_asym_sam_15_dd_rms vs slug



Right In: 297.503 ± 0.098 χ^2/NDF : 311772.0/7

Left Out: 222.502 ± 0.046 χ^2/NDF : 1927624.8/24

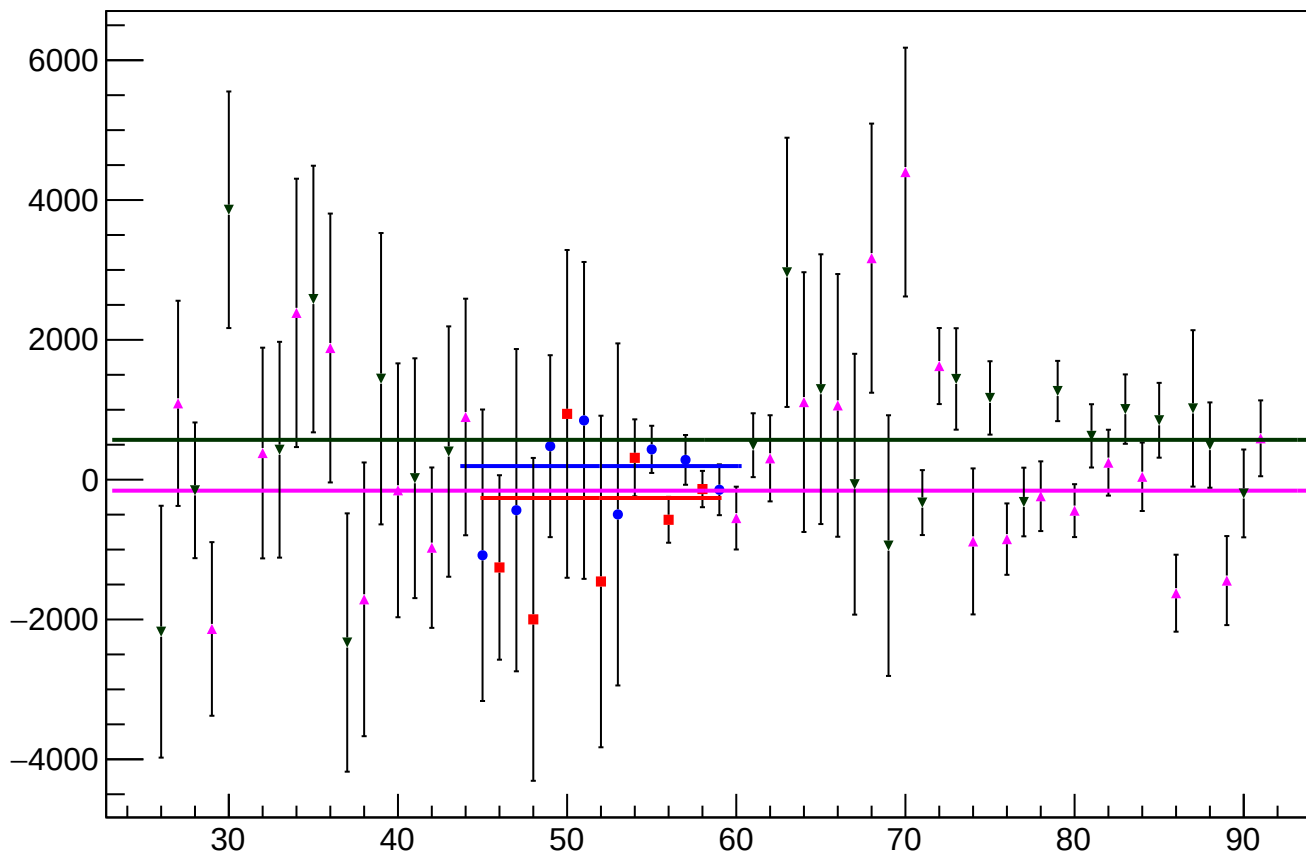
Right Out: 283.567 ± 0.110 χ^2/NDF : 242621.9/6

Left In: 228.199 ± 0.045 χ^2/NDF : 2182429.6/24

236.259 ± 0.042 χ^2/NDF : 2717750.2/32

236.182 ± 0.042 χ^2/NDF : 2641127.6/31

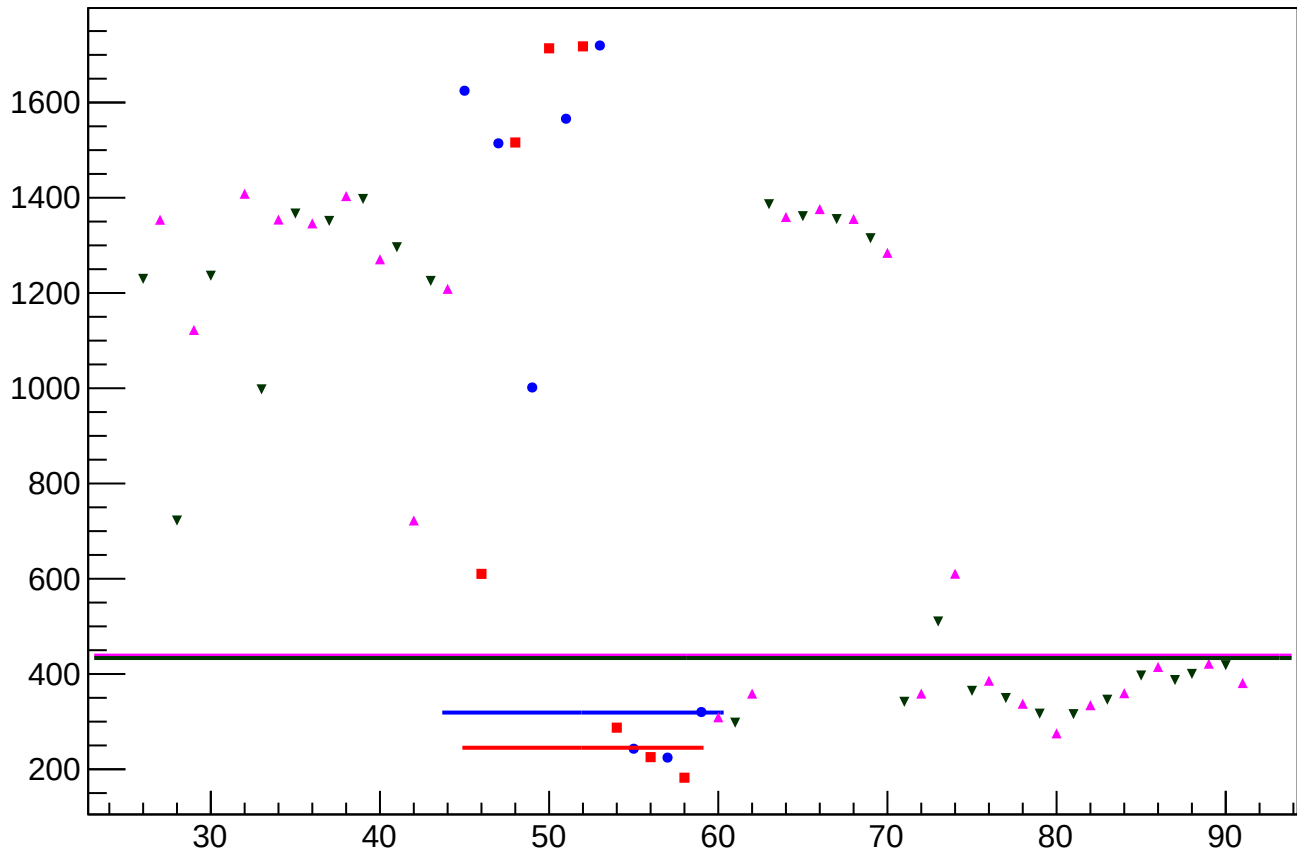
asym_sam_15_dd_correction_mean vs slug



Right In: 194.435 ± 197.550 χ^2/NDF : 2.1/7
Left Out: 569.669 ± 144.882 χ^2/NDF : 28.1/24
Right Out: -262.133 ± 187.176 χ^2/NDF : 3.9/6
Left In: -157.319 ± 142.156 χ^2/NDF : 47.2/24

438.432 ± 116.830 χ^2/NDF : 32.6/32
 -195.661 ± 113.208 χ^2/NDF : 51.3/31

asym_sam_15_dd_correction_rms vs slug



Right In: 319.045 ± 0.140 χ^2/NDF : 3375854.6/7

Left Out: 433.537 ± 0.102 χ^2/NDF : 6203979.3/24

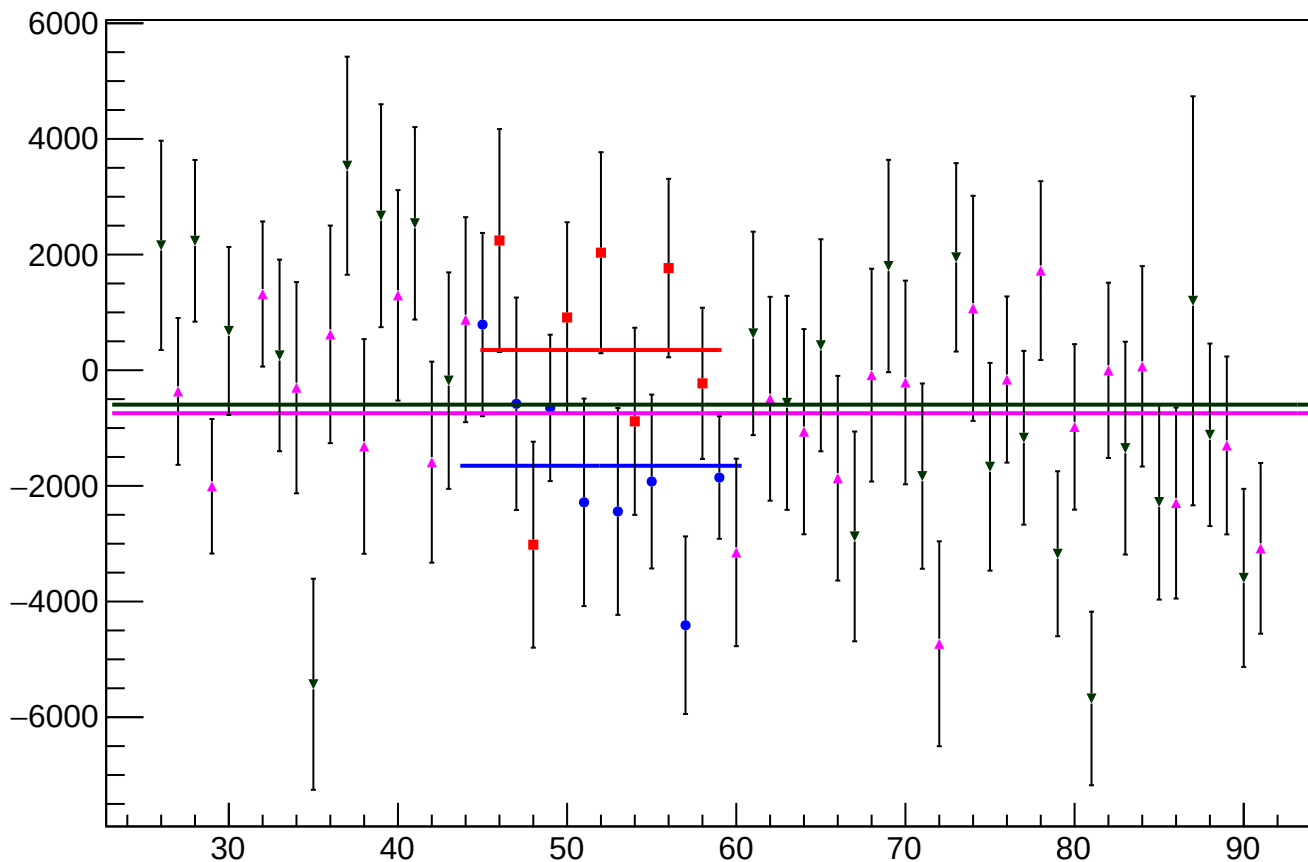
Right Out: 245.169 ± 0.132 χ^2/NDF : 2451346.6/6

Left In: 438.631 ± 0.101 χ^2/NDF : 7400114.3/24

393.494 ± 0.083 χ^2/NDF : 10016652.2/32

367.861 ± 0.080 χ^2/NDF : 11206454.6/31

reg_asym_sam_26_dd_mean vs slug



Right In: -1652.205+/-519.944 χ^2/NDF : 7.0/7

Left Out: -595.208+/-339.617 χ^2/NDF :53.4/24

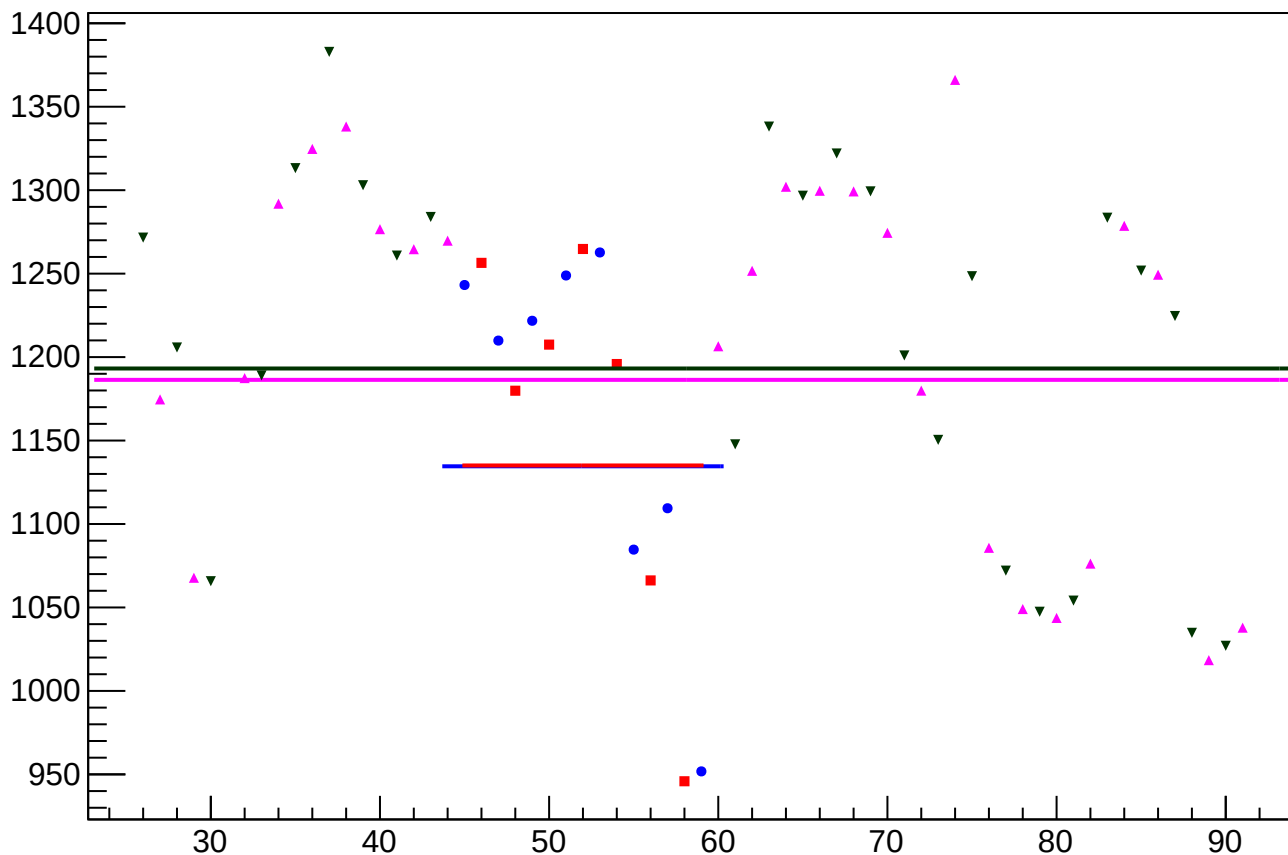
Right Out: 349.314+/-611.819 χ^2/NDF : 7.2/6

Left In: -743.103+/-320.003 χ^2/NDF :22.5/24

-911.308+/-284.336 χ^2/NDF : 63.3/32

-508.448+/-283.559 χ^2/NDF : 32.2/31

reg_asym_sam_26_dd_rms vs slug



Right In: 1134.573+/-0.368 χ^2 /NDF: 102874.4/7

Left Out: 1193.173+/-0.240 χ^2 /NDF:204637.0/24

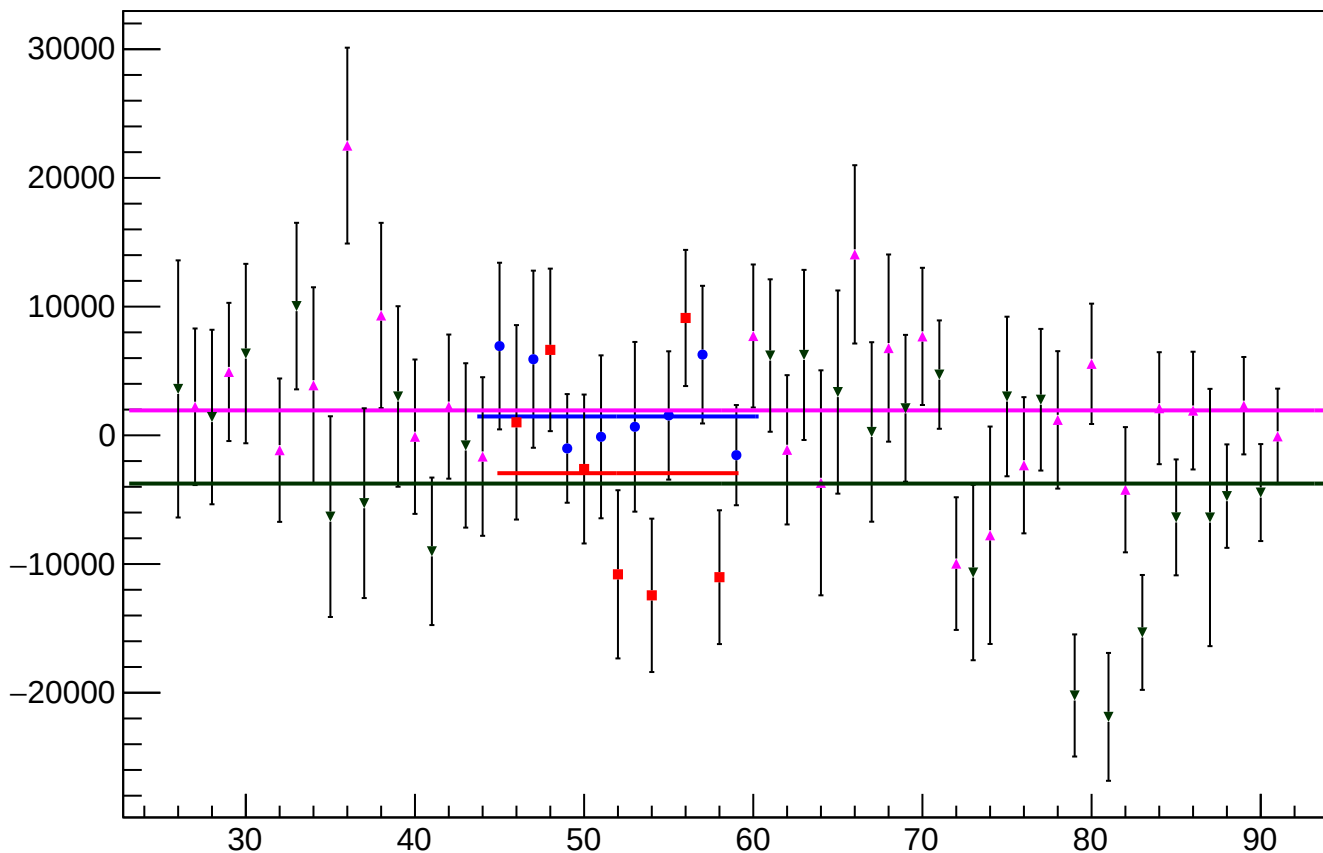
Right Out: 1135.075+/-0.433 χ^2 /NDF: 72905.5/6

Left In: 1186.365+/-0.226 χ^2 /NDF:223239.0/24

1175.648+/-0.201 χ^2 /NDF: 325318.6/32

1175.348+/-0.201 χ^2 /NDF: 307181.2/31

asym_sam_26_dd_correction_mean vs slug



Right In: 1465.609 $\pm$ 1856.185 χ^2 /NDF: 3.0/7

Left Out: -3748.621 $\pm$ 1140.408 χ^2 /NDF: 57.4/24

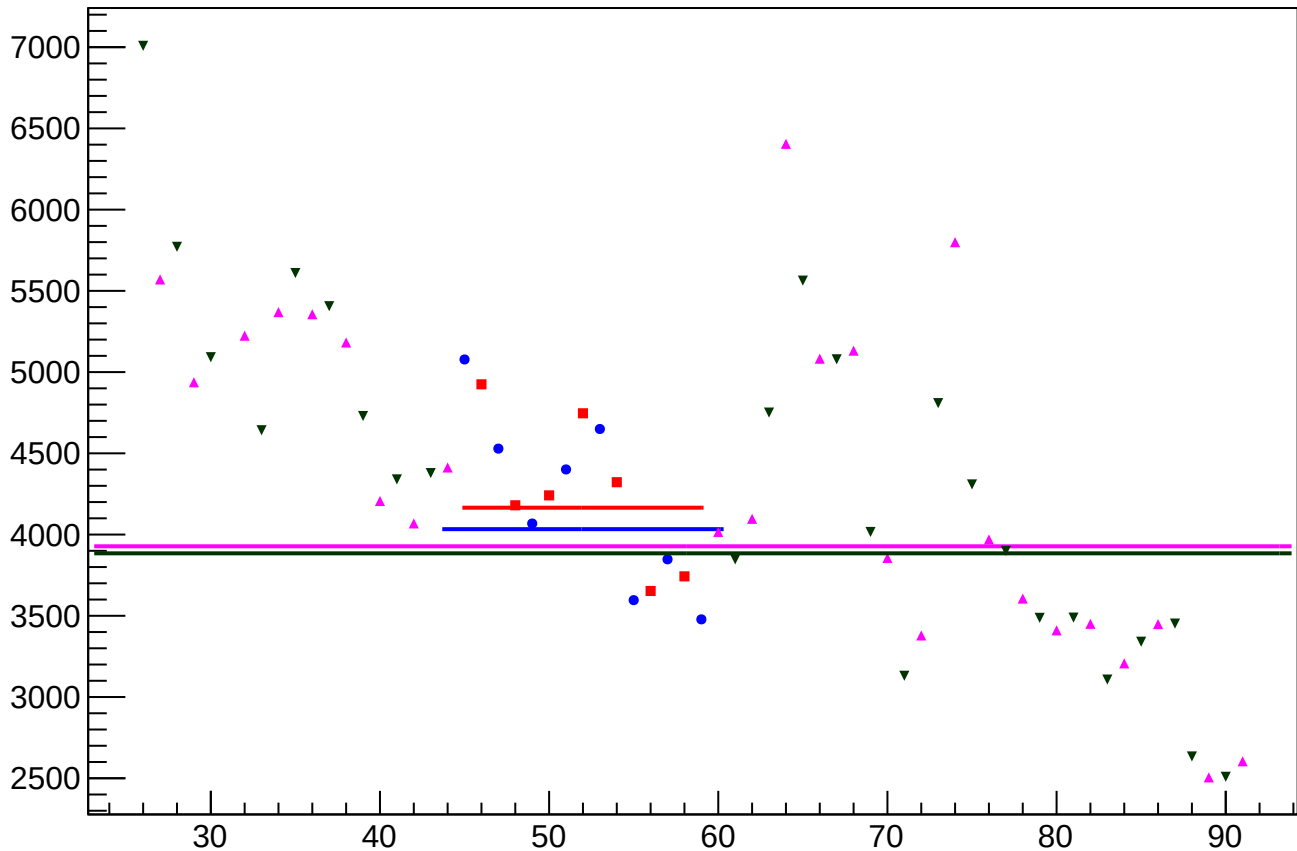
Right Out: -2942.270 $\pm$ 2254.065 χ^2 /NDF: 14.2/6

Left In: 1937.511 $\pm$ 1092.629 χ^2 /NDF: 25.8/24

-2319.768 $\pm$ 971.672 χ^2 /NDF: 66.1/32

1009.066 $\pm$ 983.206 χ^2 /NDF: 43.8/31

asym_sam_26_dd_correction_rms vs slug



Right In: 4033.220 $\pm$ 1.313 χ^2 /NDF: 145258.5/7

Left Out: 3884.495 $\pm$ 0.806 χ^2 /NDF:1549647.8/24

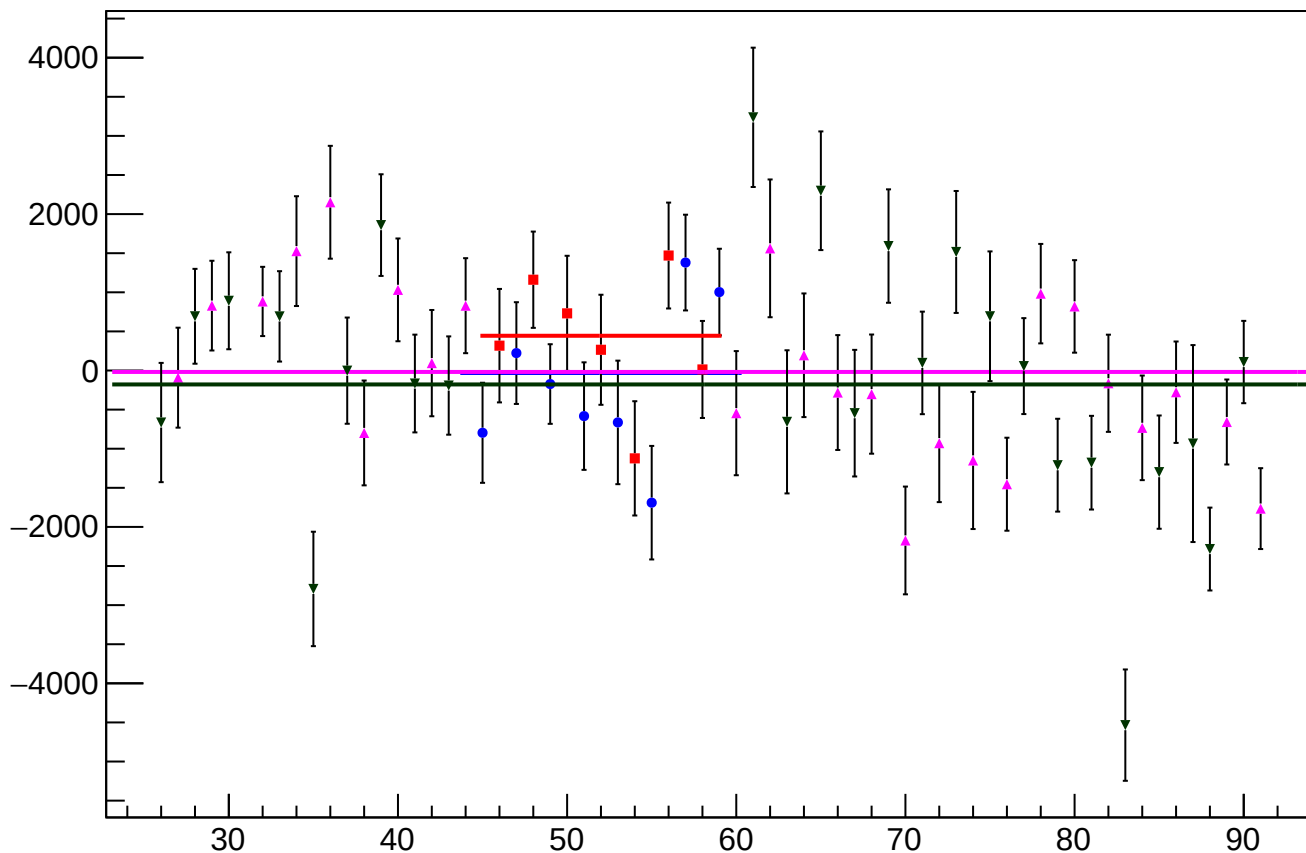
Right Out: 4165.371 $\pm$ 1.594 χ^2 /NDF: 69768.9/6

Left In: 3927.812 $\pm$ 0.773 χ^2 /NDF:1605694.8/24

3925.250 $\pm$ 0.687 χ^2 /NDF: 1704227.5/32

3973.011 $\pm$ 0.695 χ^2 /NDF: 1693451.9/31

reg_asym_sam_37_dd_mean vs slug



Right In: -31.653 ± 222.456 $\chi^2/\text{NDF}: 17.0/7$

Left Out: -178.156 ± 135.404 $\chi^2/\text{NDF}: 130.4/24$

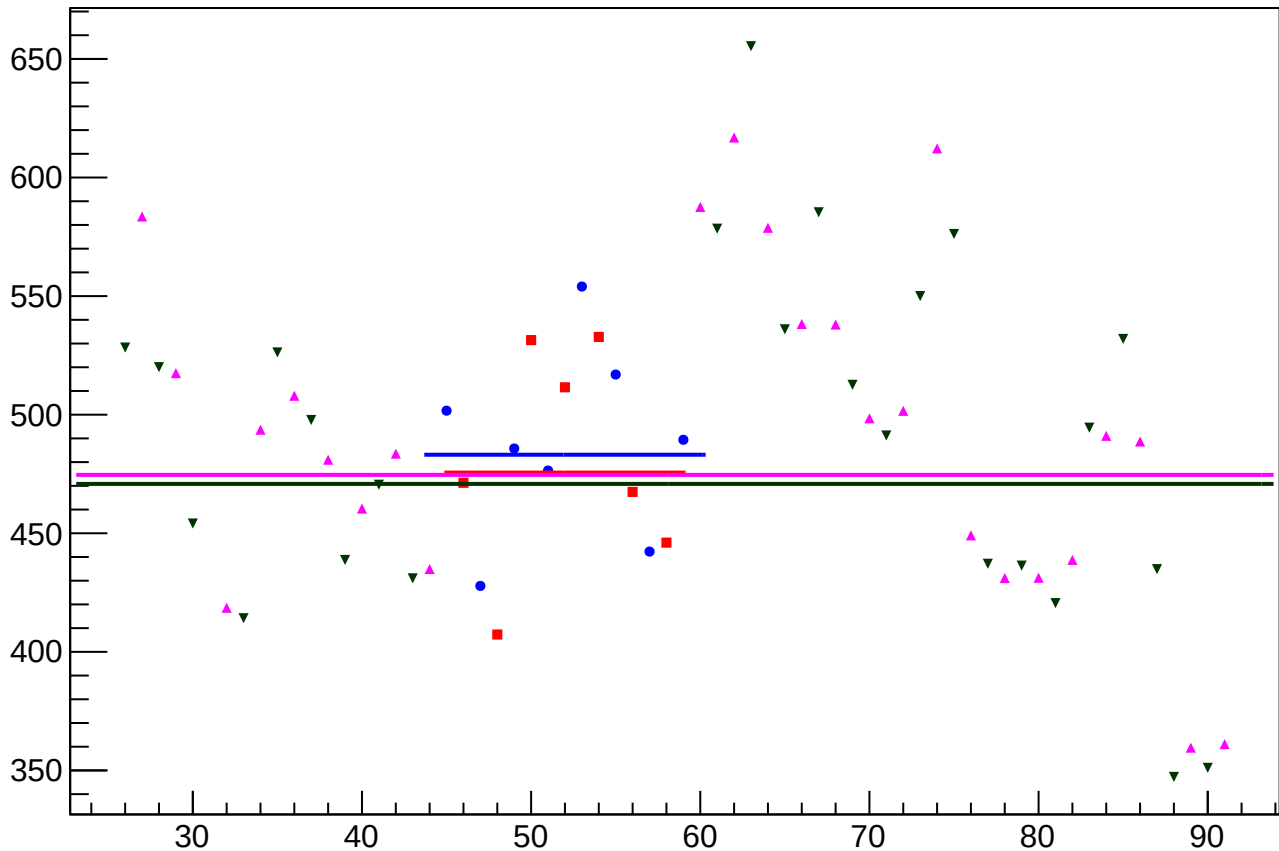
Right Out: 444.288 ± 257.707 $\chi^2/\text{NDF}: 9.0/6$

Left In: -18.343 ± 129.454 $\chi^2/\text{NDF}: 67.5/24$

-138.551 ± 115.663 $\chi^2/\text{NDF}: 147.7/32$

74.874 ± 115.679 $\chi^2/\text{NDF}: 79.1/31$

reg_asym_sam_37_dd_rms vs slug



Right In: 483.118 $\pm$ 0.157 χ^2 /NDF: 46017.7/7

Left Out: 470.811 $\pm$ 0.096 χ^2 /NDF: 556725.8/24

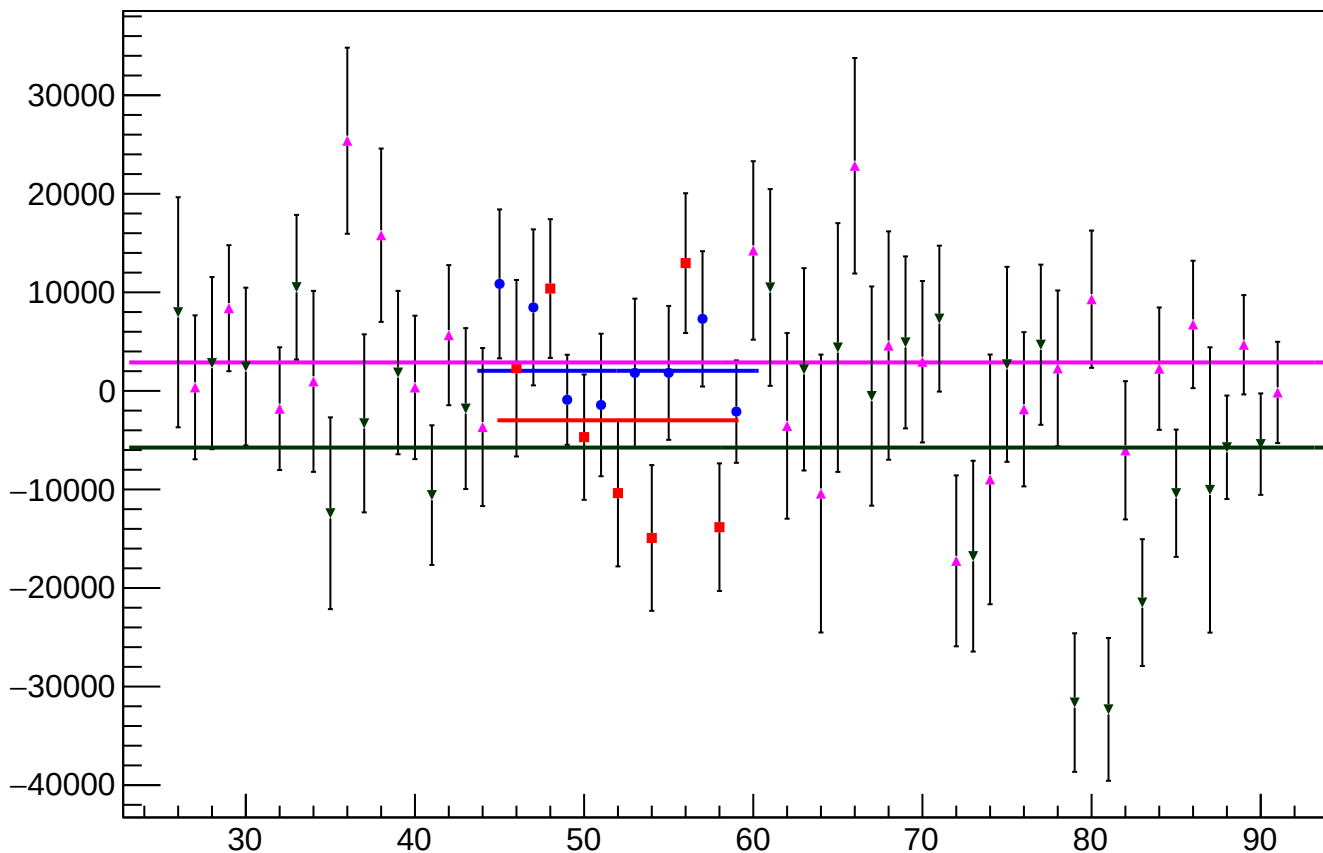
Right Out: 475.589 $\pm$ 0.182 χ^2 /NDF: 58505.6/6

Left In: 474.625 $\pm$ 0.092 χ^2 /NDF: 546247.0/24

474.138 $\pm$ 0.082 χ^2 /NDF: 607210.2/32

474.819 $\pm$ 0.082 χ^2 /NDF: 604775.0/31

asym_sam_37_dd_correction_mean vs slug



Right In: 2039.659 $\pm$ 2247.068 χ^2 /NDF: 3.9/7

Left Out: -5749.225 $\pm$ 1592.088 χ^2 /NDF: 56.4/24

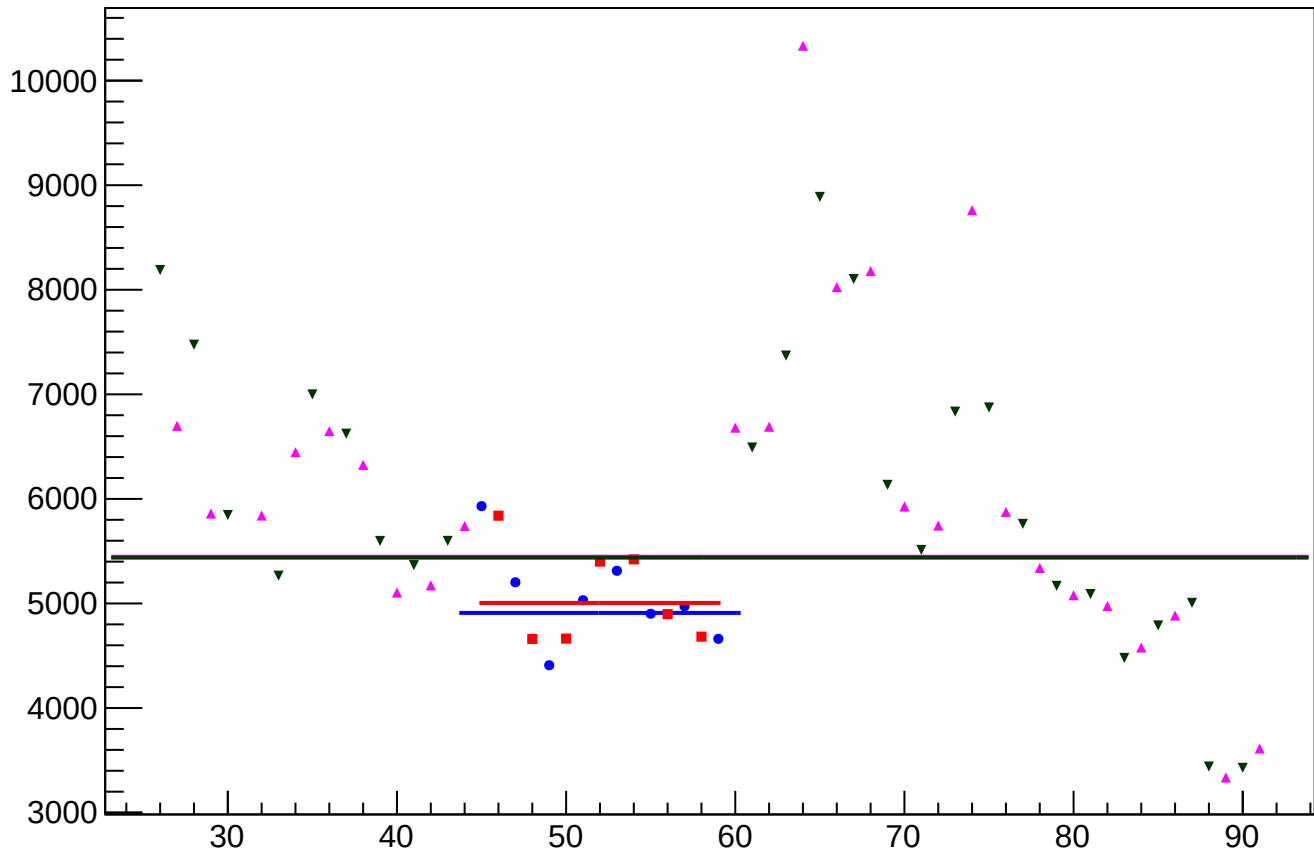
Right Out: -2983.865 $\pm$ 2696.760 χ^2 /NDF: 15.5/6

Left In: 2889.796 $\pm$ 1510.288 χ^2 /NDF: 26.5/24

-3146.025 $\pm$ 1299.069 χ^2 /NDF: 68.3/32

1487.414 $\pm$ 1317.714 χ^2 /NDF: 45.6/31

asym_sam_37_dd_correction_rms vs slug



Right In: 4909.731+/-1.589 χ^2/NDF : 74237.1/7

Left Out: 5438.550+/-1.126 χ^2/NDF : 1439838.7/24

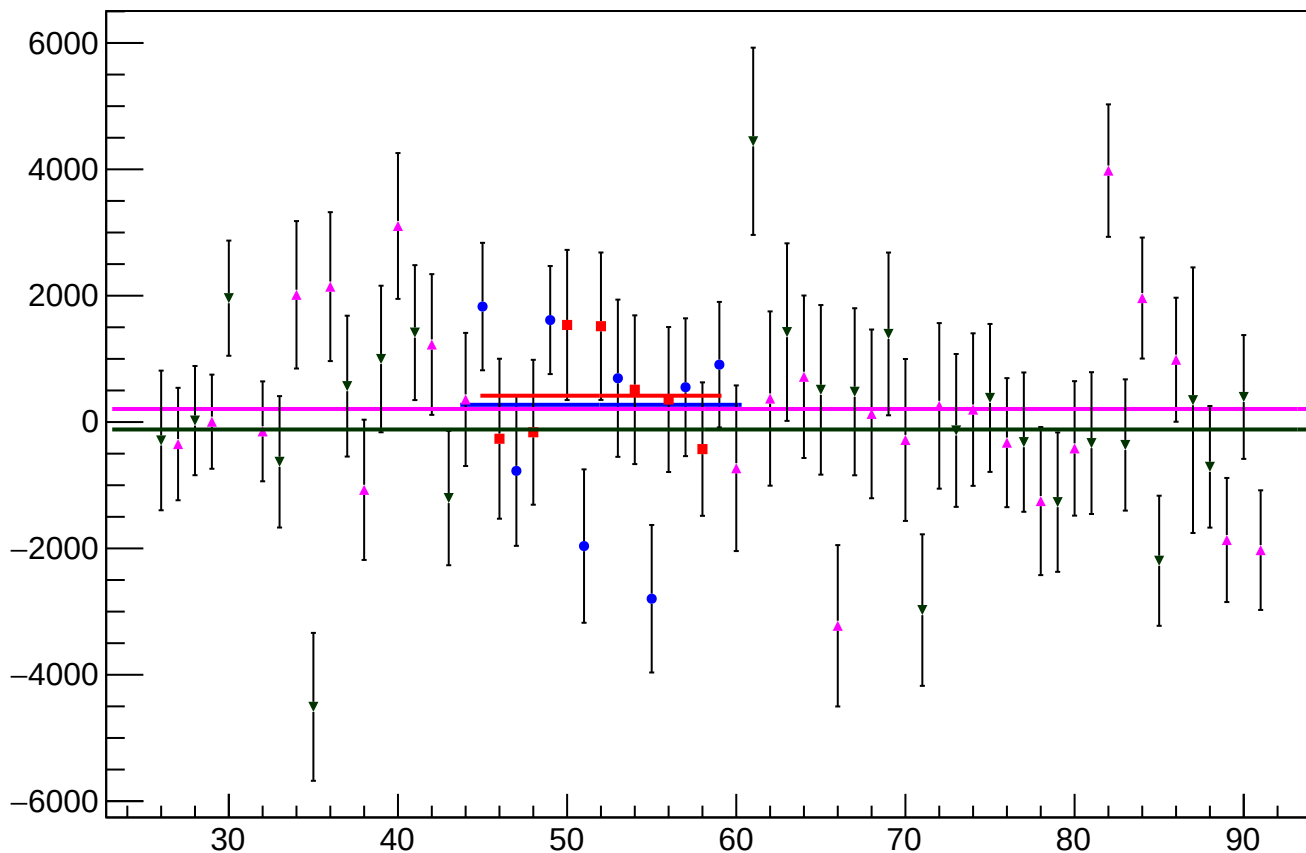
Right Out: 5004.879+/-1.907 χ^2/NDF : 45341.7/6

Left In: 5447.046+/-1.068 χ^2/NDF : 1522763.6/24

5261.808+/-0.919 χ^2/NDF : 1587822.5/32

5341.475+/-0.932 χ^2/NDF : 1609035.2/31

reg_asym_sam_48_dd_mean vs slug



Right In: 273.138+/-378.698 χ^2/NDF : 16.5/7

Left Out: -117.547+/-224.841 χ^2/NDF : 48.3/24

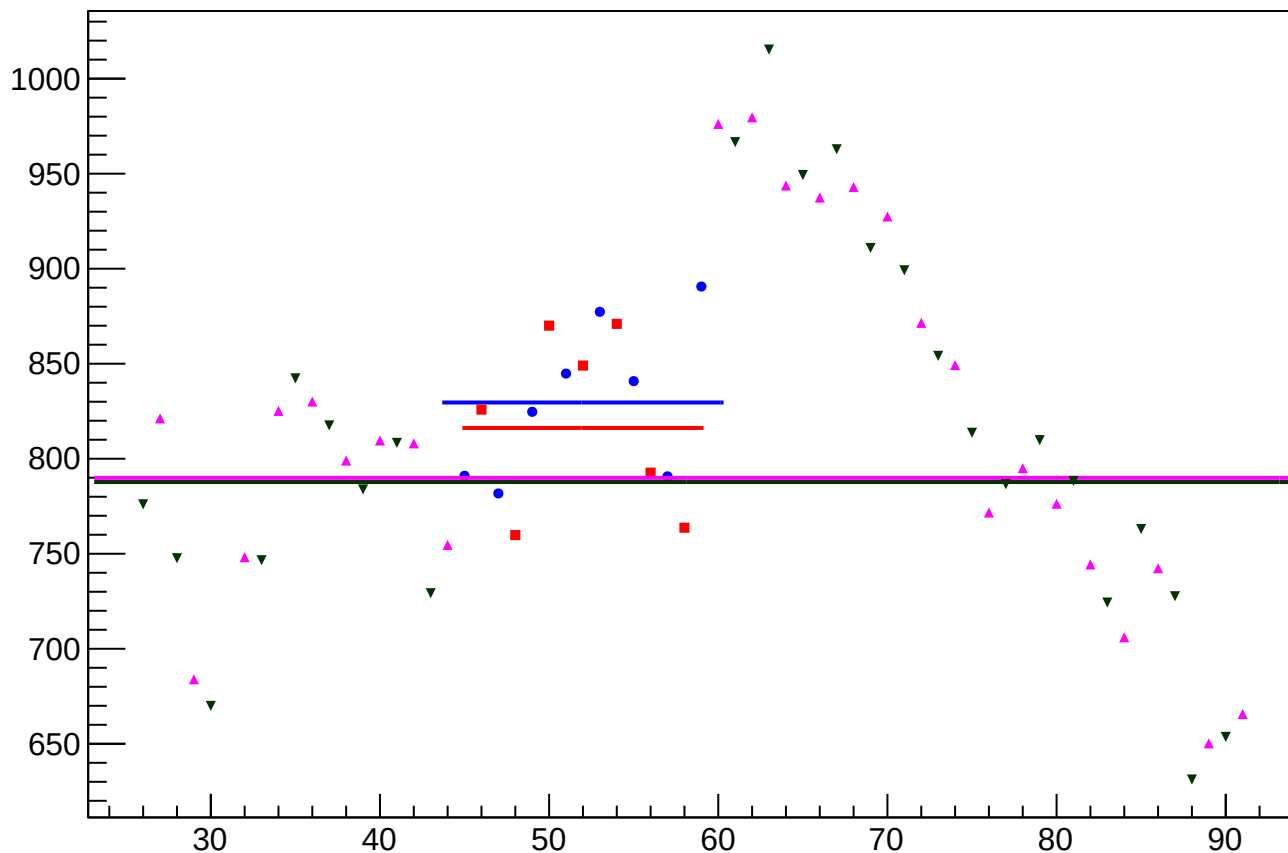
Right Out: 417.224+/-438.318 χ^2/NDF : 3.0/6

Left In: 207.084+/-213.625 χ^2/NDF : 51.4/24

-15.722+/-193.333 χ^2/NDF : 65.6/32

247.419+/-192.032 χ^2/NDF : 54.6/31

reg_asym_sam_48_dd_rms vs slug



Right In: 829.588+/-0.268 χ^2/NDF : 19767.3/7

Left Out: 787.736+/-0.159 χ^2/NDF : 343286.0/24

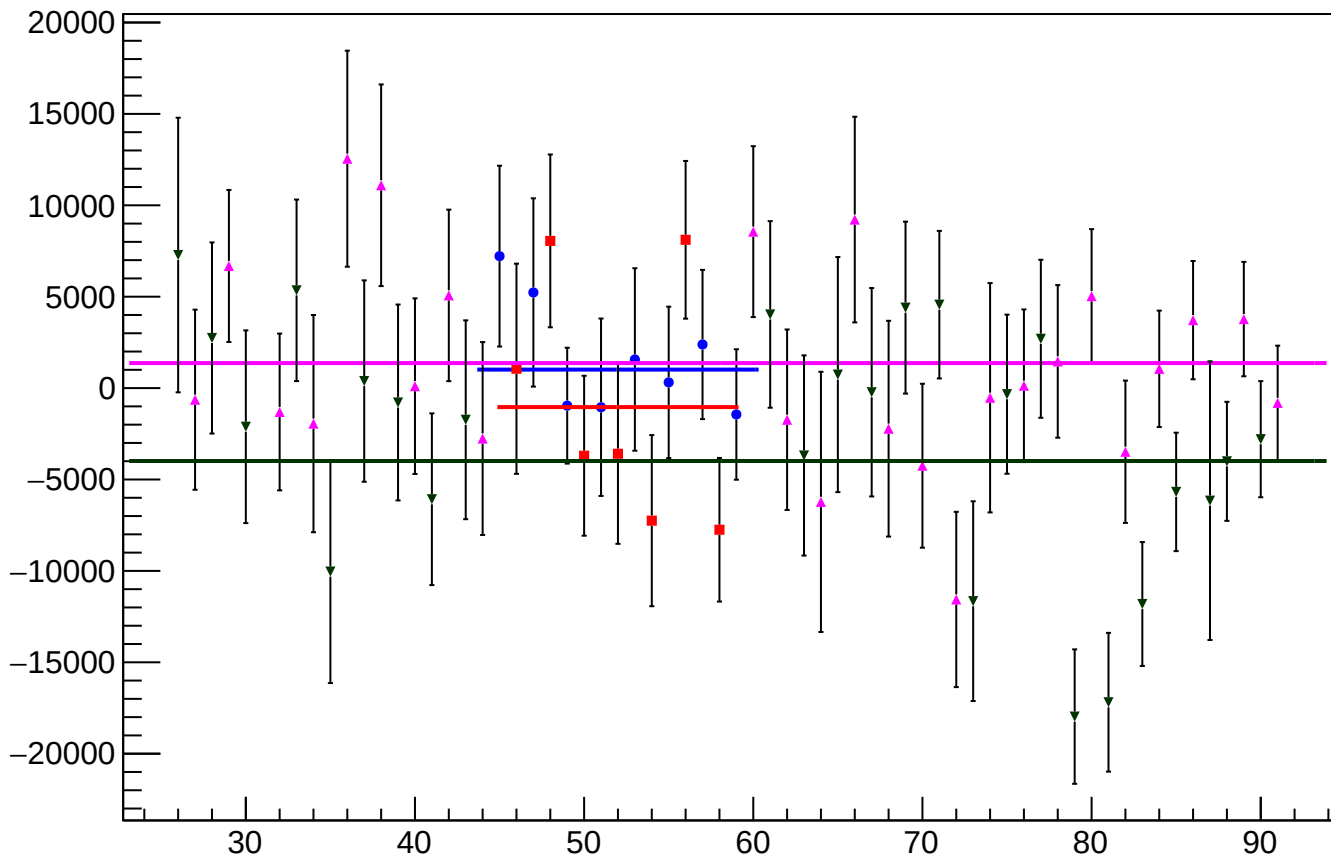
Right Out: 816.201+/-0.310 χ^2/NDF : 20749.6/6

Left In: 789.926+/-0.151 χ^2/NDF : 351305.9/24

798.644+/-0.137 χ^2/NDF : 381114.6/32

794.969+/-0.136 χ^2/NDF : 377863.0/31

asym_sam_48_dd_correction_mean vs slug



Right In: 1012.537 $\pm$ 1478.292 χ^2 /NDF: 3.4/7

Left Out: -3988.028 $\pm$ 907.535 χ^2 /NDF: 58.5/24

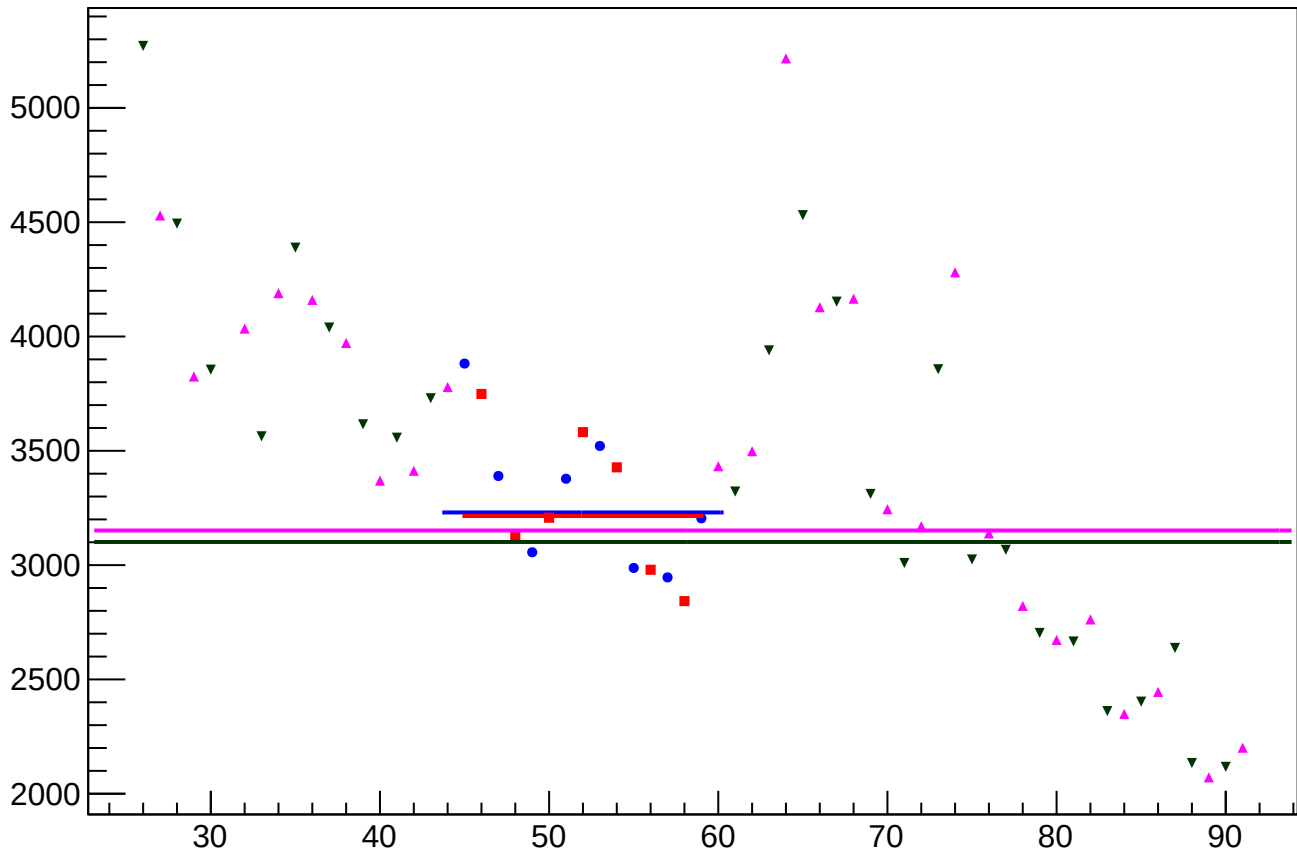
Right Out: -1039.458 $\pm$ 1733.867 χ^2 /NDF: 13.7/6

Left In: 1369.575 $\pm$ 874.677 χ^2 /NDF: 29.9/24

-2619.265 $\pm$ 773.419 χ^2 /NDF: 70.2/32

880.877 $\pm$ 780.935 χ^2 /NDF: 45.1/31

asym_sam_48_dd_correction_rms vs slug



Right In: 3230.387+/-1.045 χ^2/NDF : 67949.5/7

Left Out: 3101.303+/-0.642 χ^2/NDF : 1453235.1/24

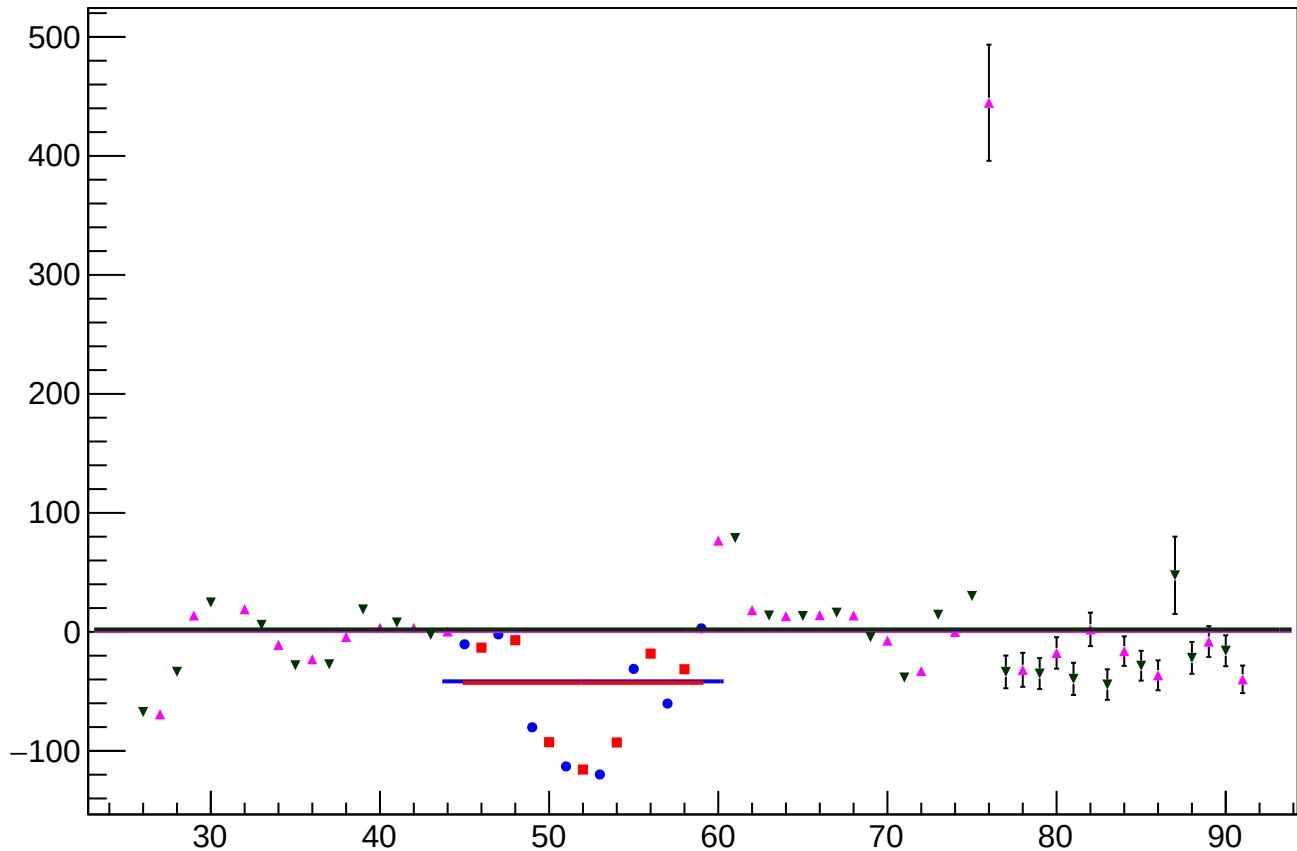
Right Out: 3214.914+/-1.226 χ^2/NDF : 57024.1/6

Left In: 3151.536+/-0.618 χ^2/NDF : 1577981.5/24

3136.636+/-0.547 χ^2/NDF : 1532260.0/32

3164.393+/-0.552 χ^2/NDF : 1637135.7/31

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -41.572 ± 0.723 χ^2/NDF : 3564.0/7

Left Out: 2.060 ± 0.411 χ^2/NDF : 3461.8/24

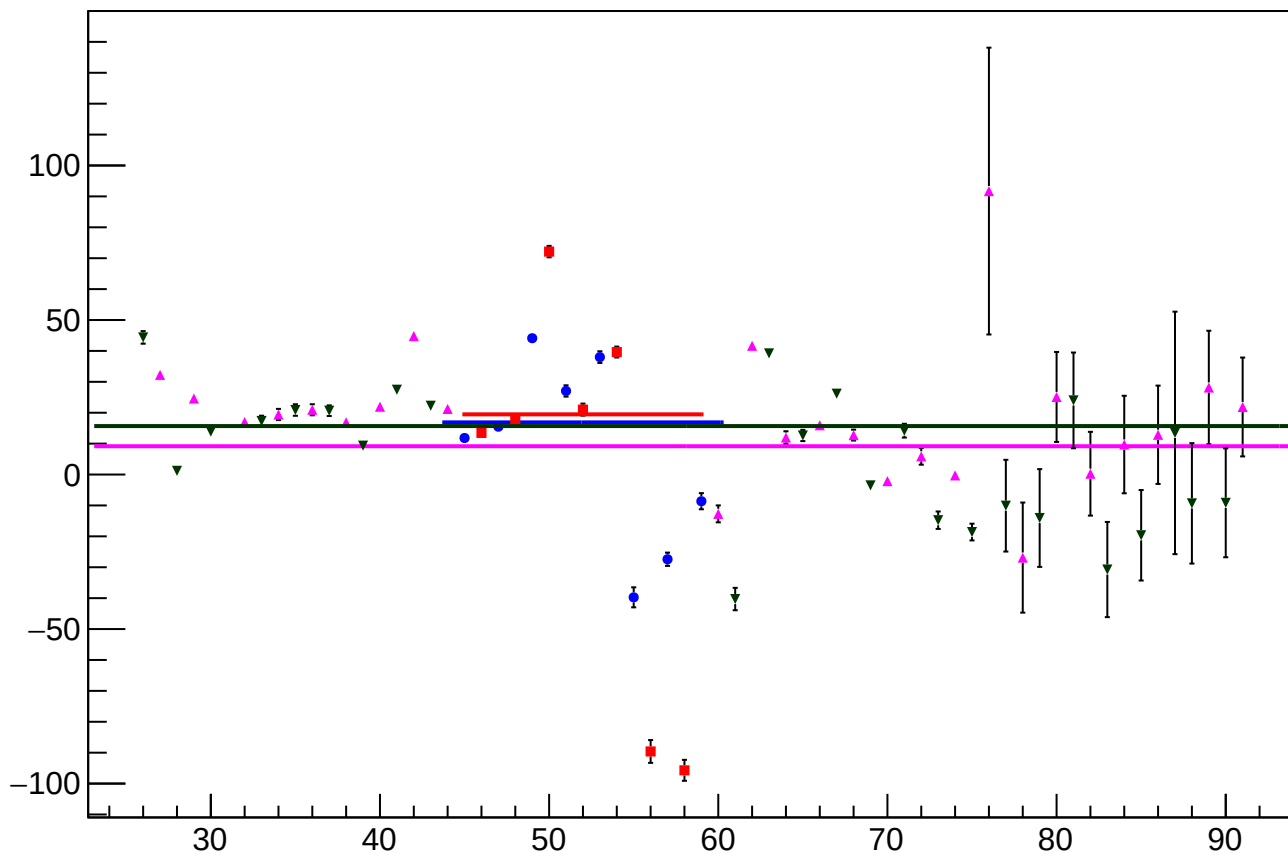
Right Out: -42.817 ± 0.873 χ^2/NDF : 2294.6/6

Left In: 0.792 ± 0.226 χ^2/NDF : 3957.7/24

-8.587 ± 0.357 χ^2/NDF : 9778.0/32

-1.948 ± 0.219 χ^2/NDF : 8592.2/31

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 16.876 $\pm$ 0.575 χ^2 /NDF: 1405.1/7

Left Out: 15.682 $\pm$ 0.397 χ^2 /NDF:1601.7/24

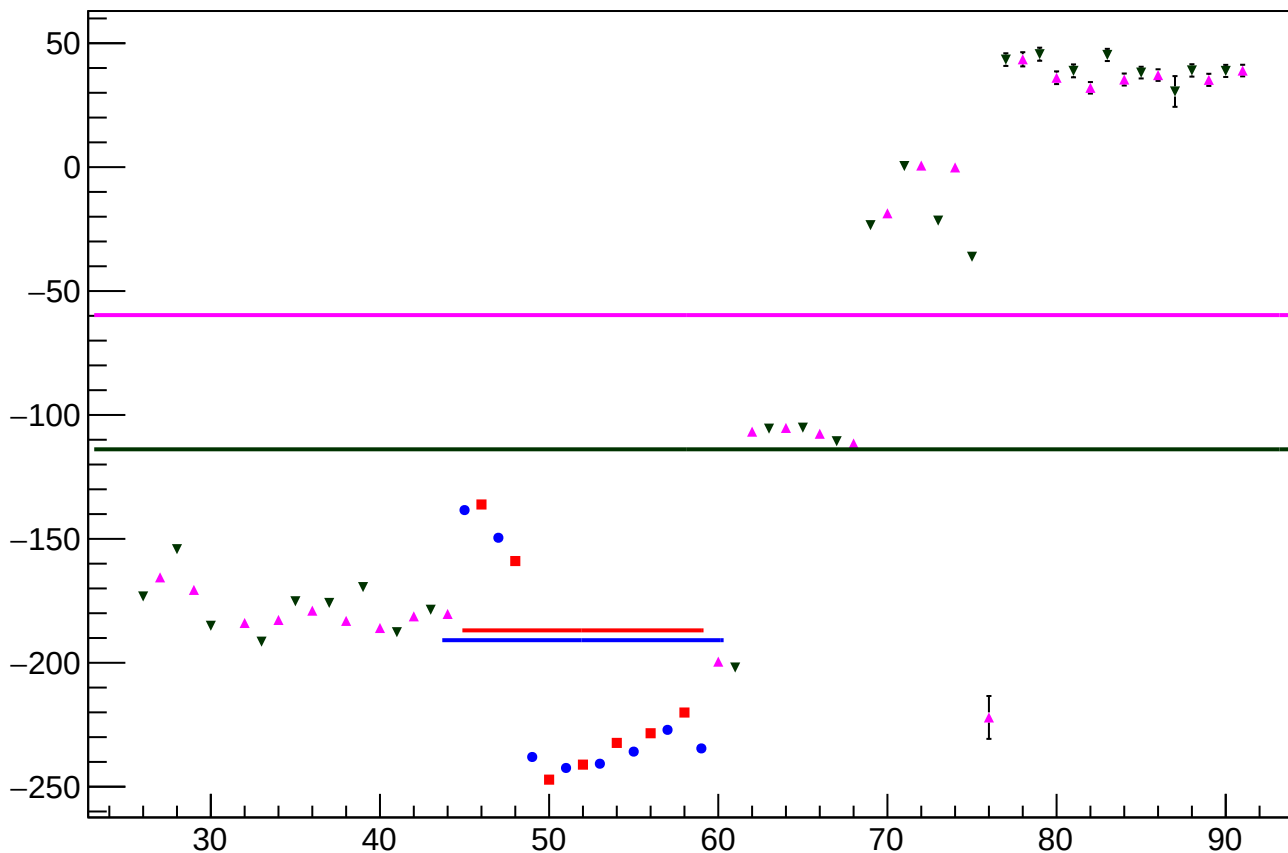
Right Out: 19.473 $\pm$ 0.684 χ^2 /NDF: 2996.7/6

Left In: 9.159 $\pm$ 0.237 χ^2 /NDF:3469.2/24

16.067 $\pm$ 0.327 χ^2 /NDF: 3009.7/32

10.262 $\pm$ 0.224 χ^2 /NDF: 6669.1/31

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -190.883 ± 0.127 $\chi^2/\text{NDF}: 137045.6/7$

Left Out: -113.860 ± 0.071 $\chi^2/\text{NDF}: 813450.6/24$

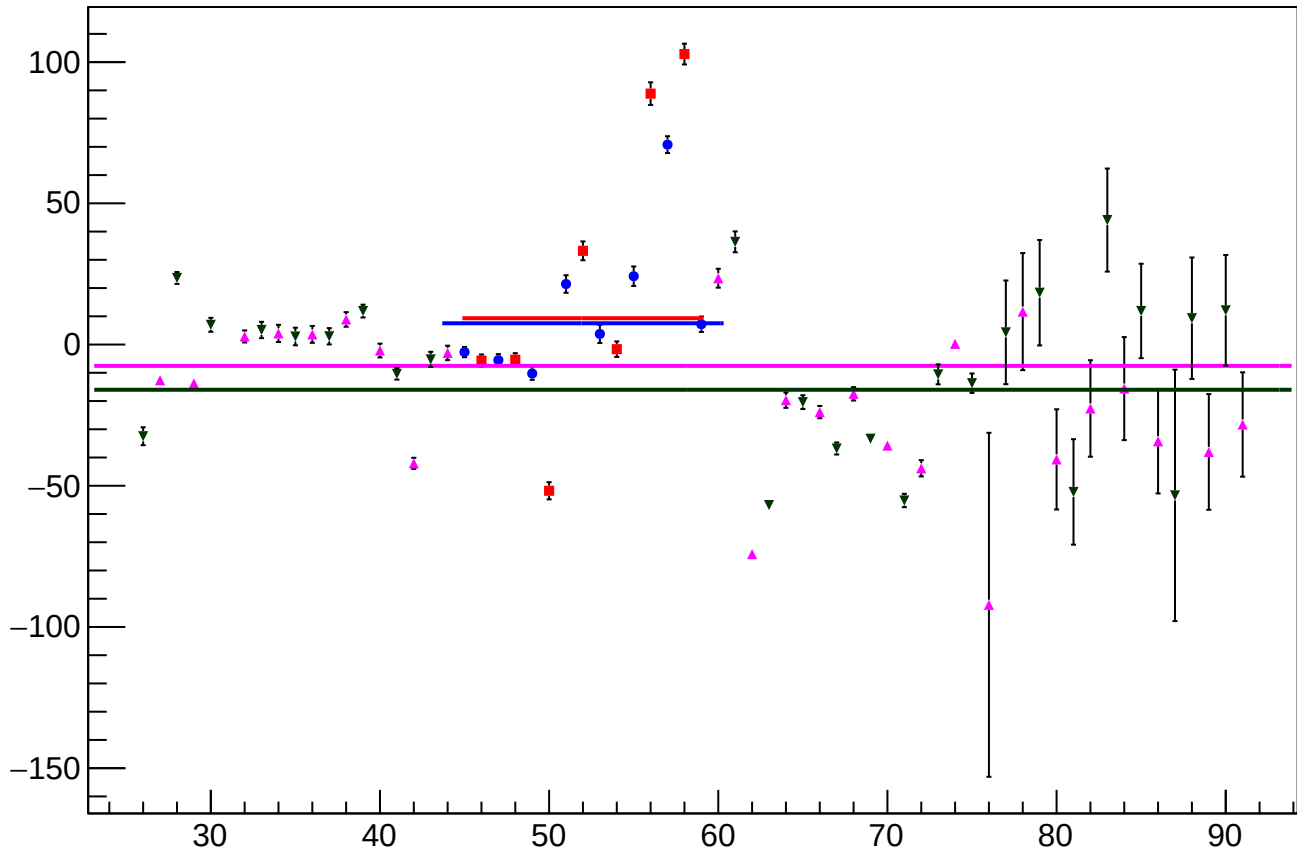
Right Out: -186.920 ± 0.148 $\chi^2/\text{NDF}: 93707.1/6$

Left In: -59.704 ± 0.047 $\chi^2/\text{NDF}: 2549577.5/24$

-132.357 ± 0.062 $\chi^2/\text{NDF}: 1231855.2/32$

-71.317 ± 0.045 $\chi^2/\text{NDF}: 3318936.8/31$

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 7.534 ± 0.893 χ^2/NDF : 628.1/7

Left Out: -16.012 ± 0.589 χ^2/NDF : 2005.0/24

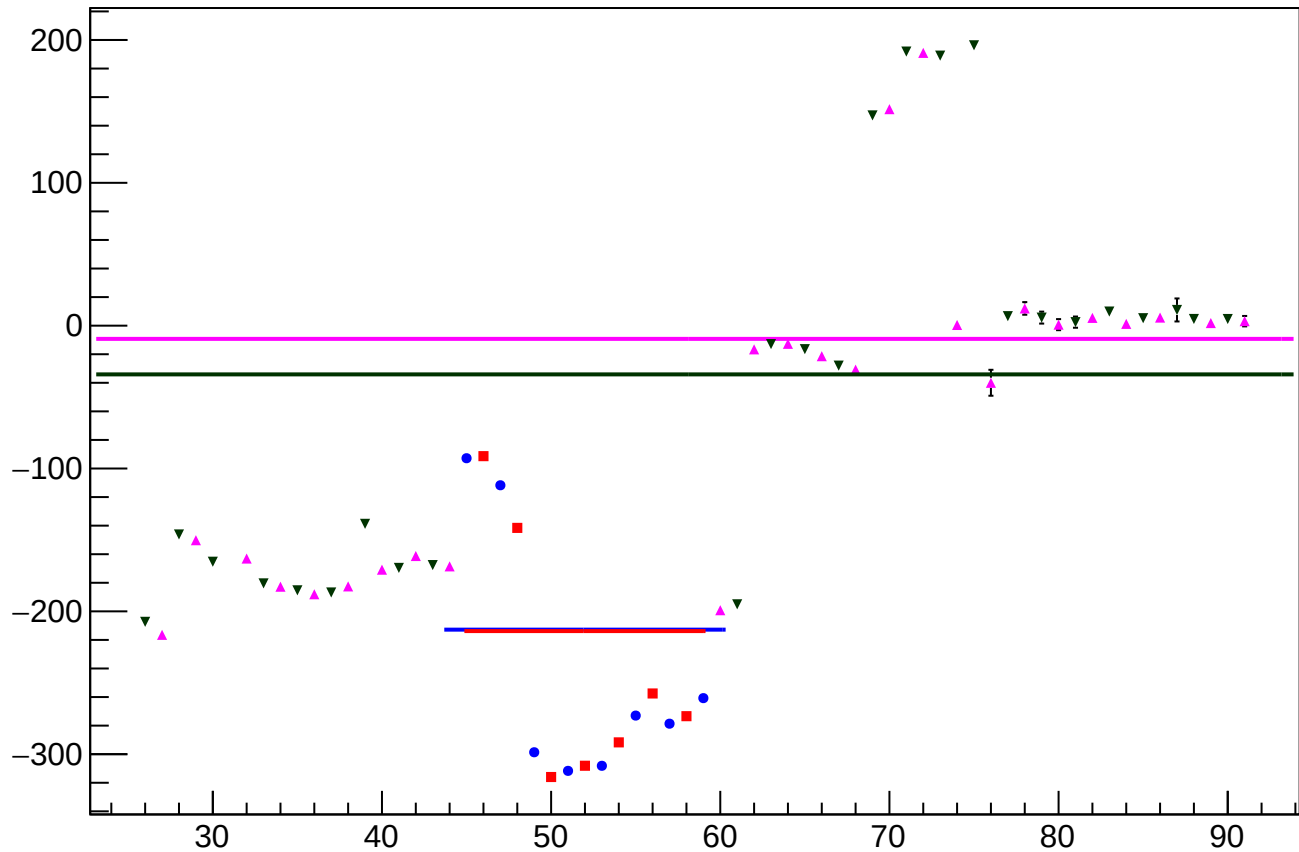
Right Out: 9.328 ± 1.074 χ^2/NDF : 1597.6/6

Left In: -7.541 ± 0.329 χ^2/NDF : 2924.7/24

-8.864 ± 0.492 χ^2/NDF : 3117.8/32

-6.091 ± 0.315 χ^2/NDF : 4747.9/31

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -212.810 $\pm$ 0.173 χ^2 /NDF: 290900.2/7

Left Out: -34.108 $\pm$ 0.104 χ^2 /NDF: 2018489.9/24

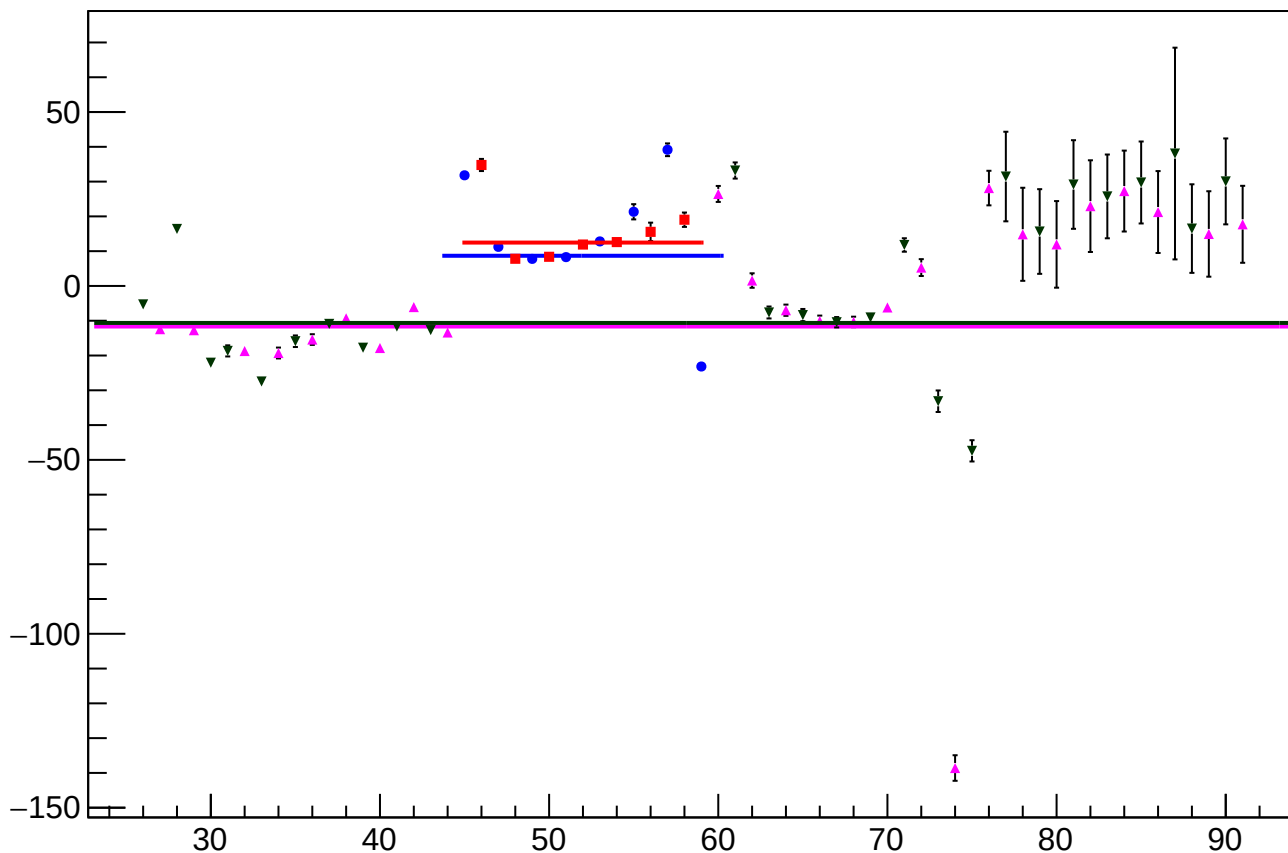
Right Out: -213.817 $\pm$ 0.204 χ^2 /NDF: 199750.8/6

Left In: -9.247 $\pm$ 0.040 χ^2 /NDF: 1831728.5/24

-81.761 $\pm$ 0.089 χ^2 /NDF: 3089620.9/32

-16.713 $\pm$ 0.039 χ^2 /NDF: 2999705.7/31

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 8.677 ± 0.380 χ^2/NDF : 1432.5/7

Left Out: -10.634 ± 0.345 χ^2/NDF : 1521.8/25

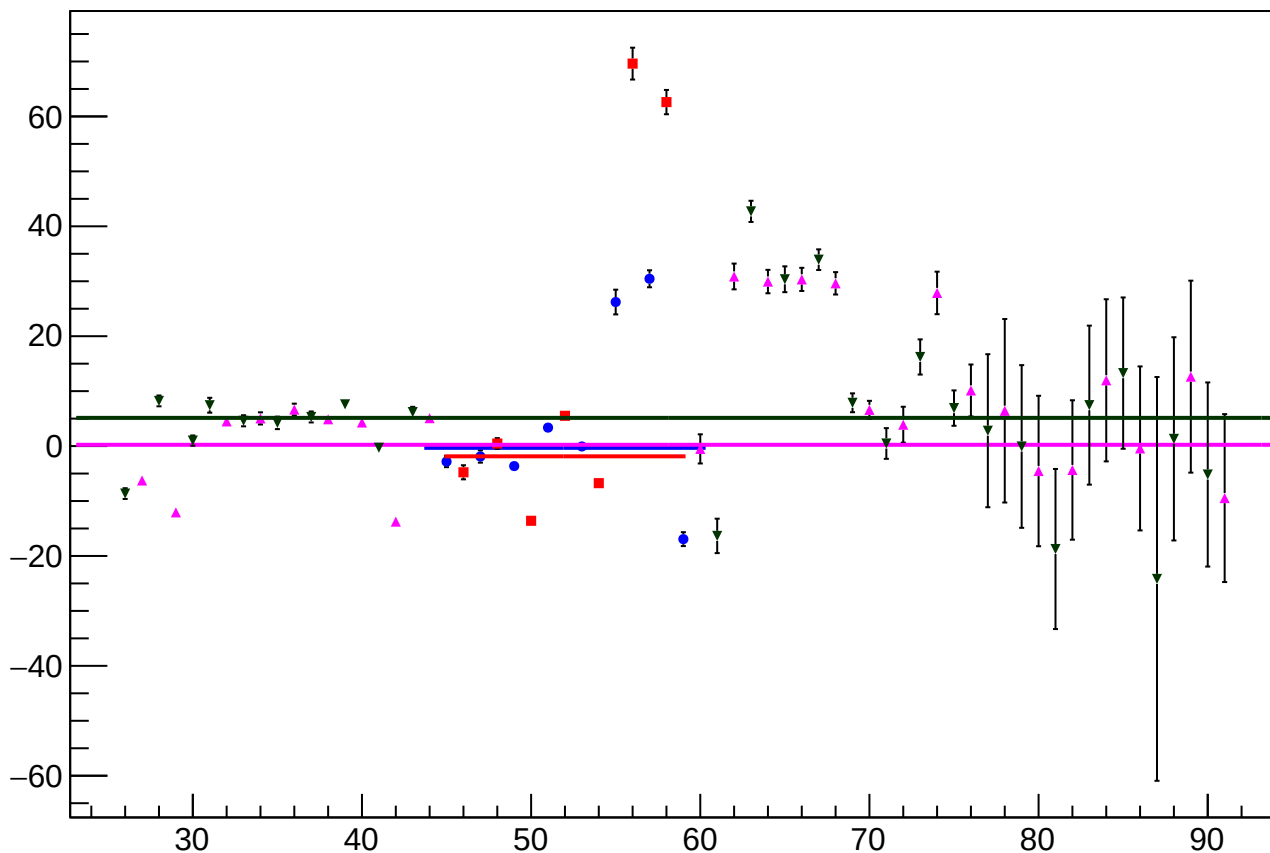
Right Out: 12.470 ± 0.466 χ^2/NDF : 213.6/6

Left In: -11.663 ± 0.326 χ^2/NDF : 1839.7/24

-1.896 ± 0.256 χ^2/NDF : 4368.7/33

-3.726 ± 0.267 χ^2/NDF : 3852.8/31

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.320 ± 0.303 χ^2/NDF : 783.3/7

Left Out: 5.135 ± 0.285 χ^2/NDF : 1095.4/25

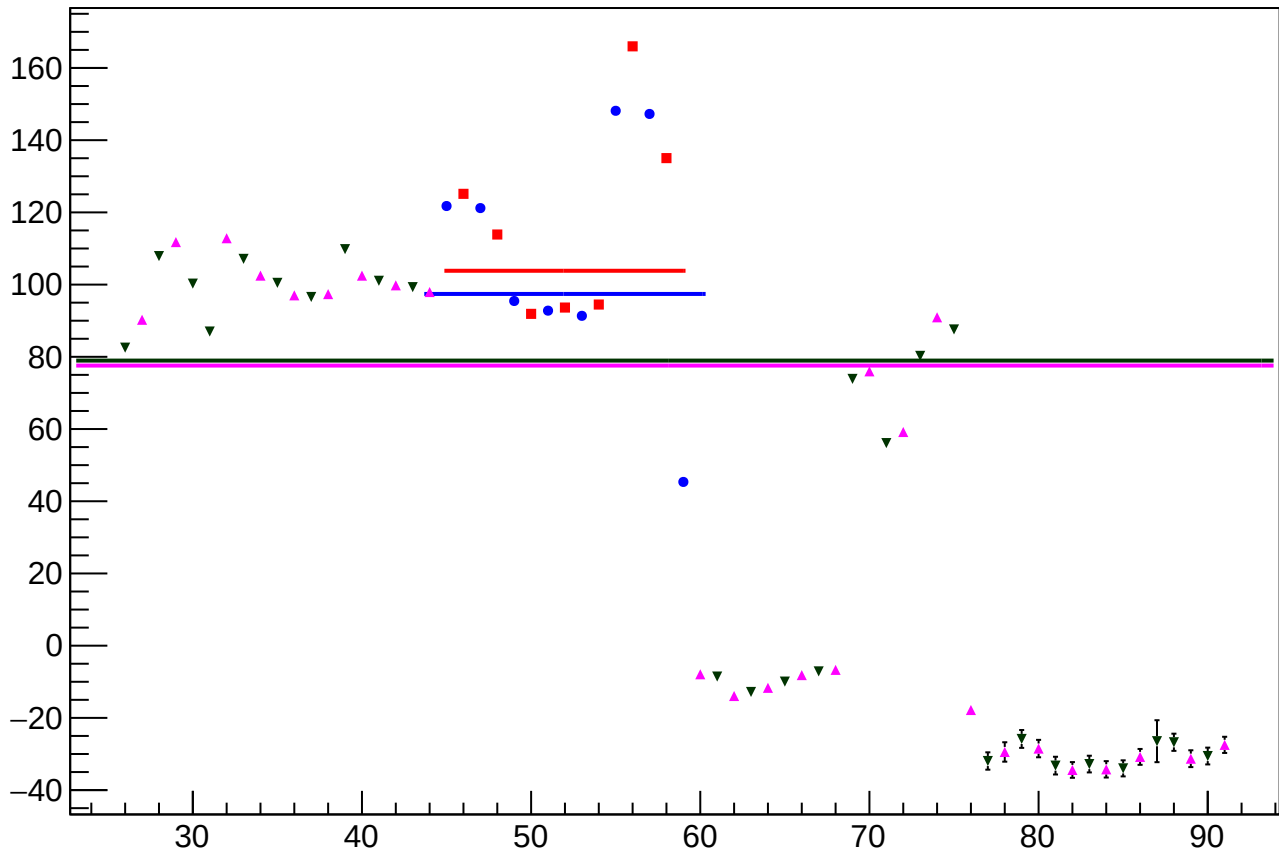
Right Out: -1.864 ± 0.349 χ^2/NDF : 1944.7/6

Left In: 0.233 ± 0.263 χ^2/NDF : 1761.3/24

2.573 ± 0.208 χ^2/NDF : 2050.4/33

-0.527 ± 0.210 χ^2/NDF : 3729.1/31

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 97.412+/-0.070 χ^2/NDF : 134160.8/7

Left Out: 78.956+/-0.058 χ^2/NDF :501993.8/25

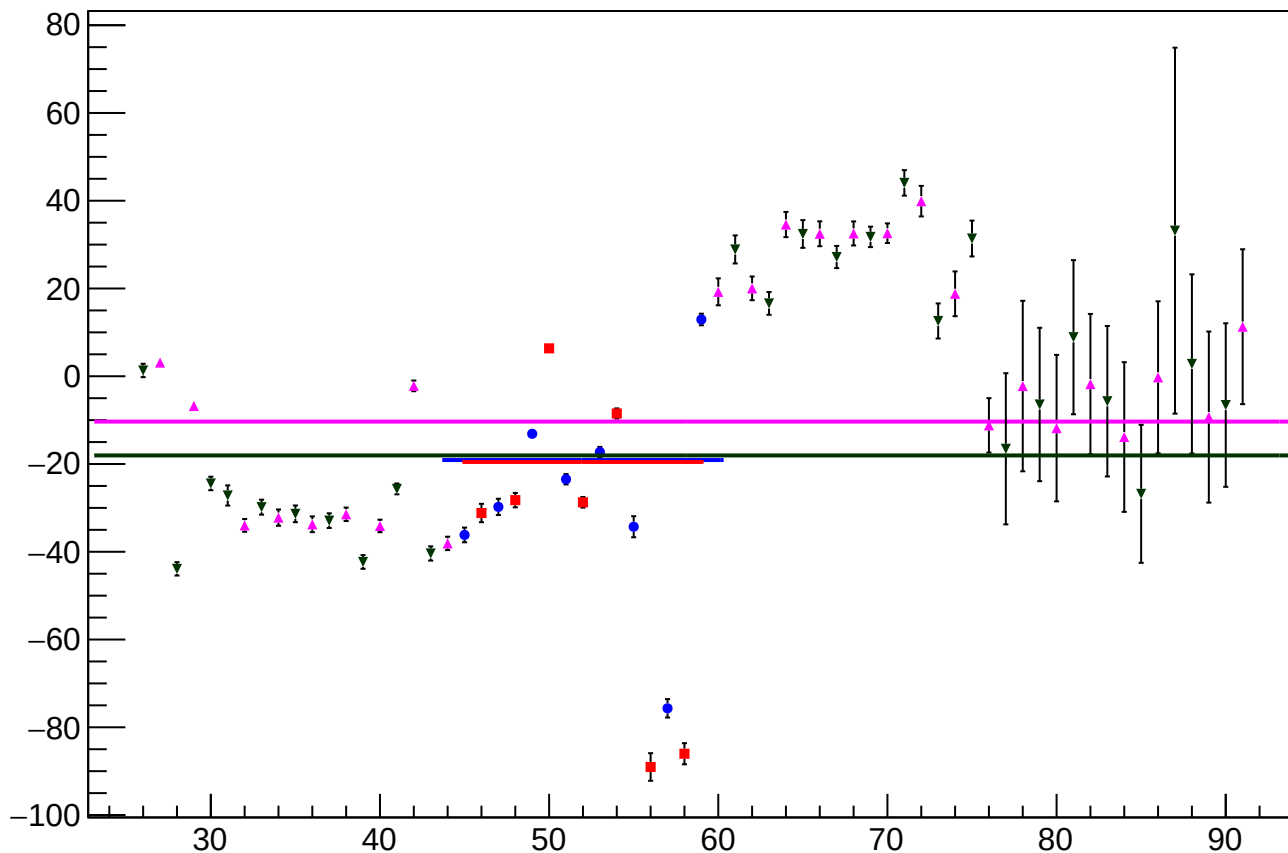
Right Out: 103.831+/-0.082 χ^2/NDF : 46067.9/6

Left In: 77.576+/-0.056 χ^2/NDF :649913.0/24

86.470+/-0.045 χ^2/NDF : 677627.1/33

86.021+/-0.046 χ^2/NDF : 765979.6/31

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.097 ± 0.476 χ^2/NDF : 1552.8/7

Left Out: -18.045 ± 0.455 χ^2/NDF : 3219.8/25

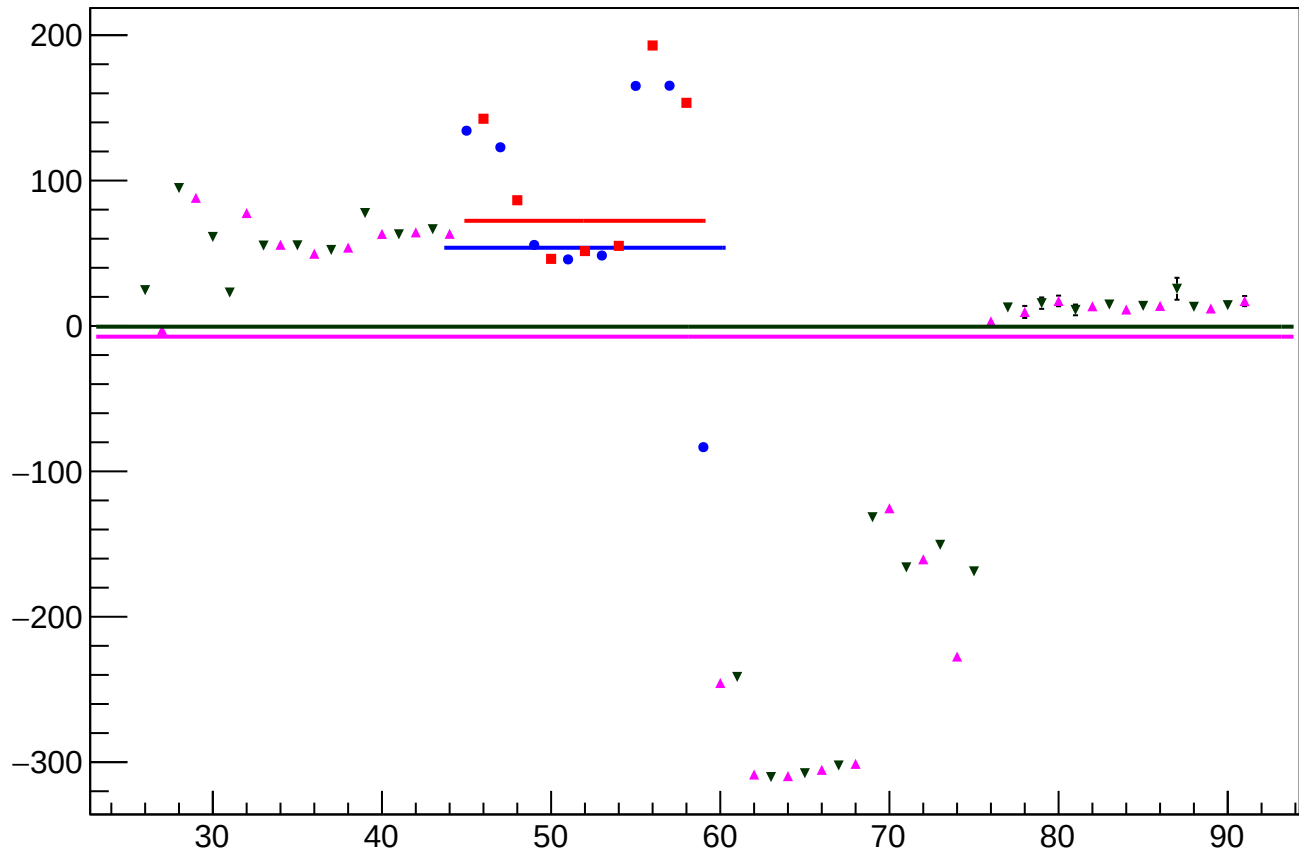
Right Out: -19.533 ± 0.562 χ^2/NDF : 2039.9/6

Left In: -10.333 ± 0.419 χ^2/NDF : 3120.2/24

-18.547 ± 0.329 χ^2/NDF : 4775.1/33

-13.620 ± 0.336 χ^2/NDF : 5332.2/31

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 53.793 $\pm$ 0.091 χ^2 /NDF: 530546.0/7

Left Out: -0.499 $\pm$ 0.081 χ^2 /NDF: 2130492.5/25

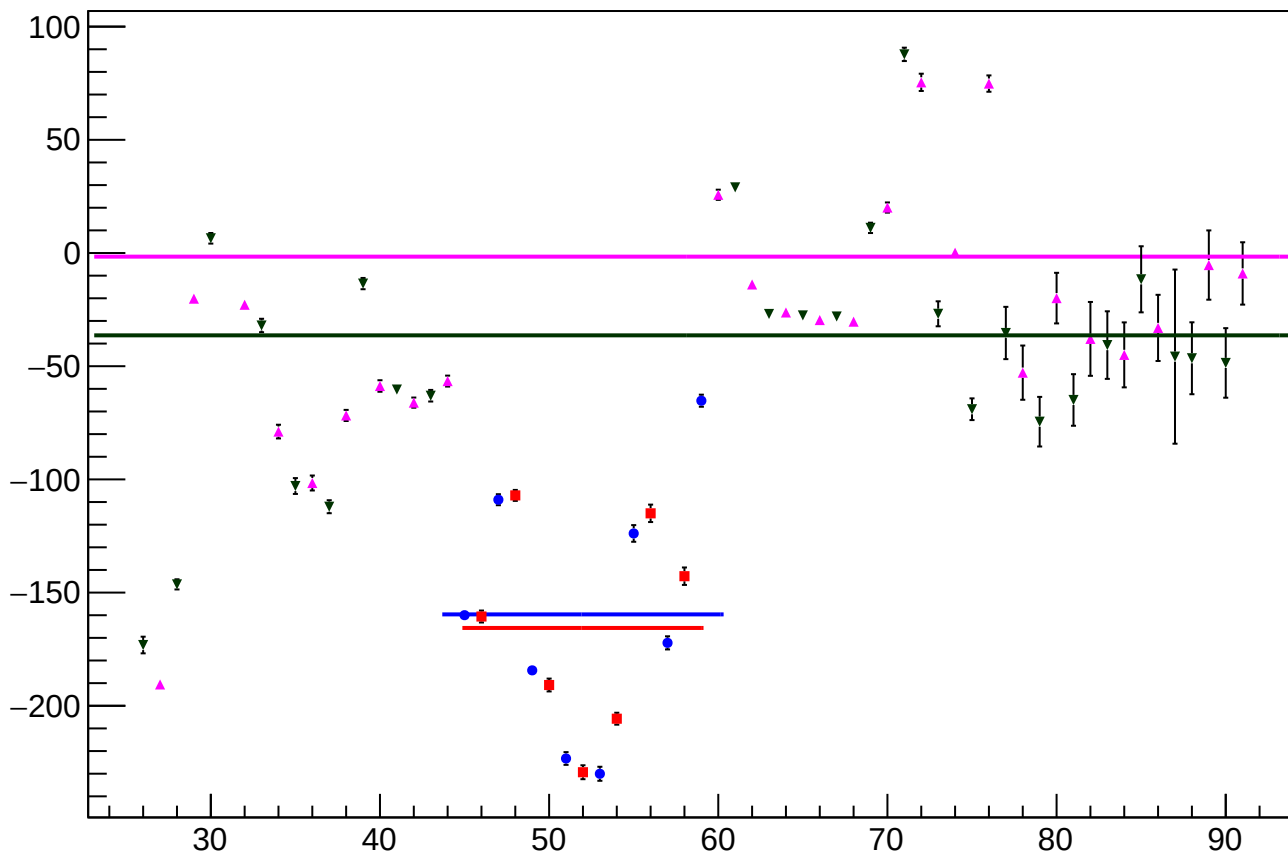
Right Out: 72.322 $\pm$ 0.105 χ^2 /NDF: 145889.4/6

Left In: -7.366 $\pm$ 0.084 χ^2 /NDF: 2373940.5/24

23.677 $\pm$ 0.061 χ^2 /NDF: 2859463.3/33

23.816 $\pm$ 0.066 χ^2 /NDF: 2871748.2/31

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -159.630 ± 0.896 χ^2/NDF : 3013.4/7

Left Out: -36.368 ± 0.575 χ^2/NDF : 8743.1/24

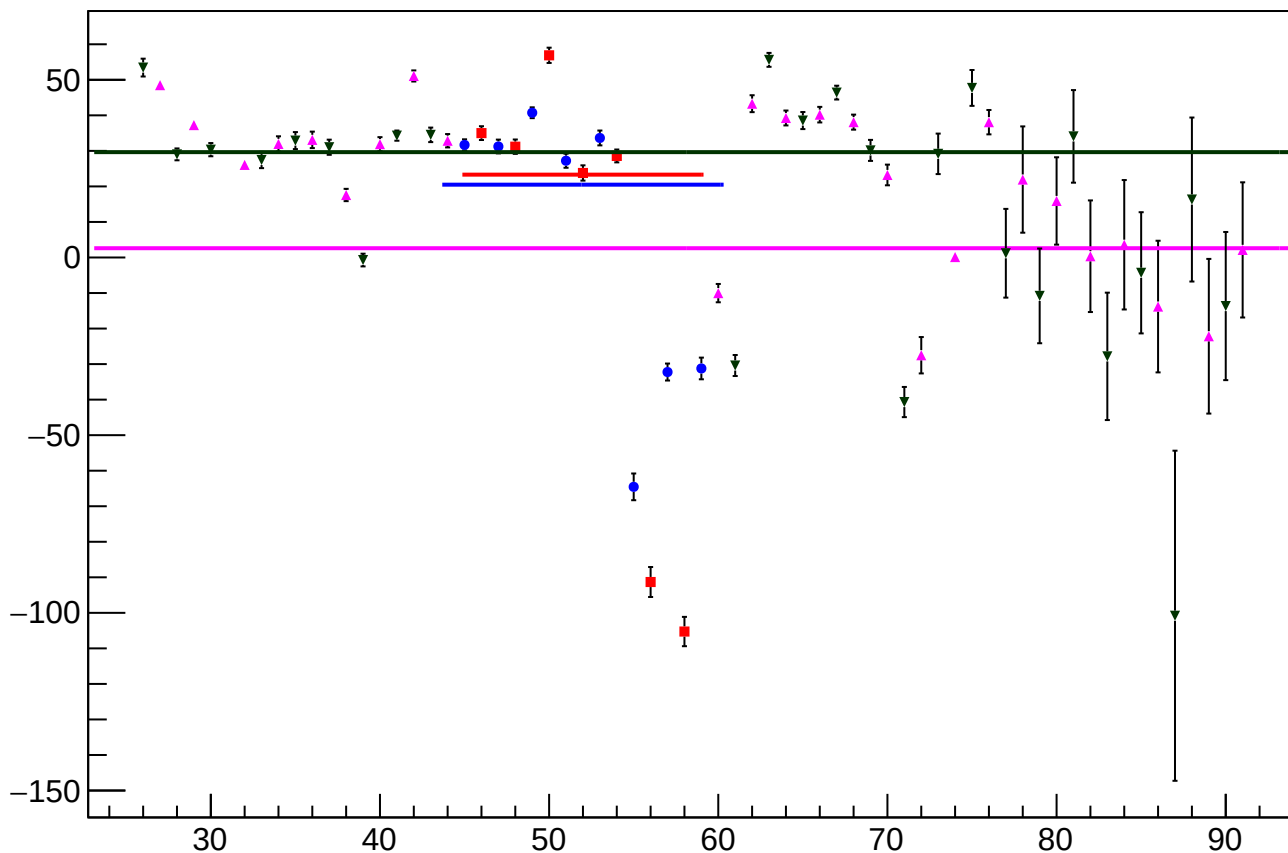
Right Out: -165.621 ± 1.103 χ^2/NDF : 1534.0/6

Left In: -1.603 ± 0.113 χ^2/NDF : 14336.8/24

-72.299 ± 0.484 χ^2/NDF : 25163.9/32

-3.302 ± 0.112 χ^2/NDF : 37757.3/31

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 20.492 $\pm$ 0.718 χ^2 /NDF: 1595.2/7

Left Out: 29.648 $\pm$ 0.534 χ^2 /NDF:1402.4/24

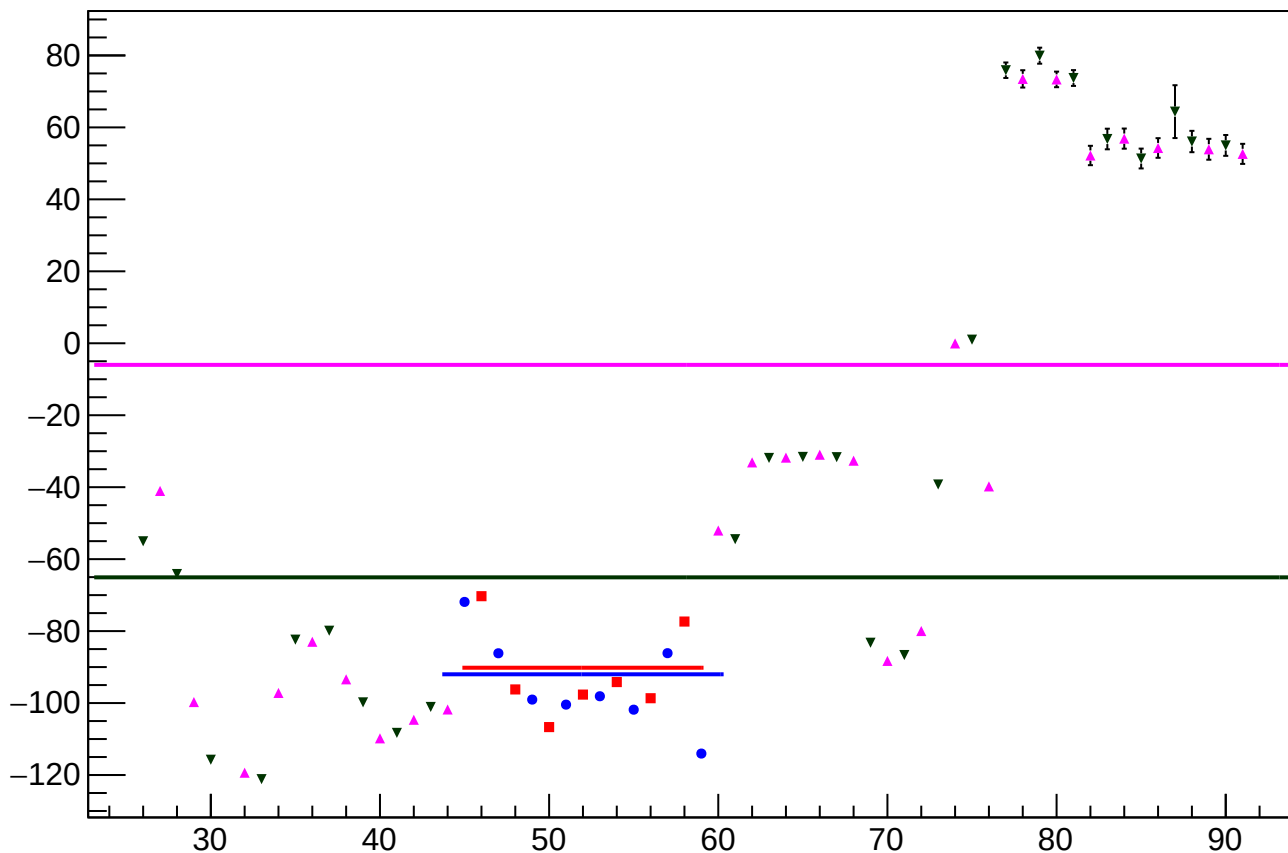
Right Out: 23.313 $\pm$ 0.857 χ^2 /NDF: 2013.1/6

Left In: 2.609 $\pm$ 0.125 χ^2 /NDF:5832.7/24

26.393 $\pm$ 0.428 χ^2 /NDF: 3102.3/32

3.044 $\pm$ 0.124 χ^2 /NDF: 8417.7/31

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -92.006 $\pm$ 0.159 χ^2 /NDF: 6734.4/7

Left Out: -65.061 $\pm$ 0.097 χ^2 /NDF:135920.8/24

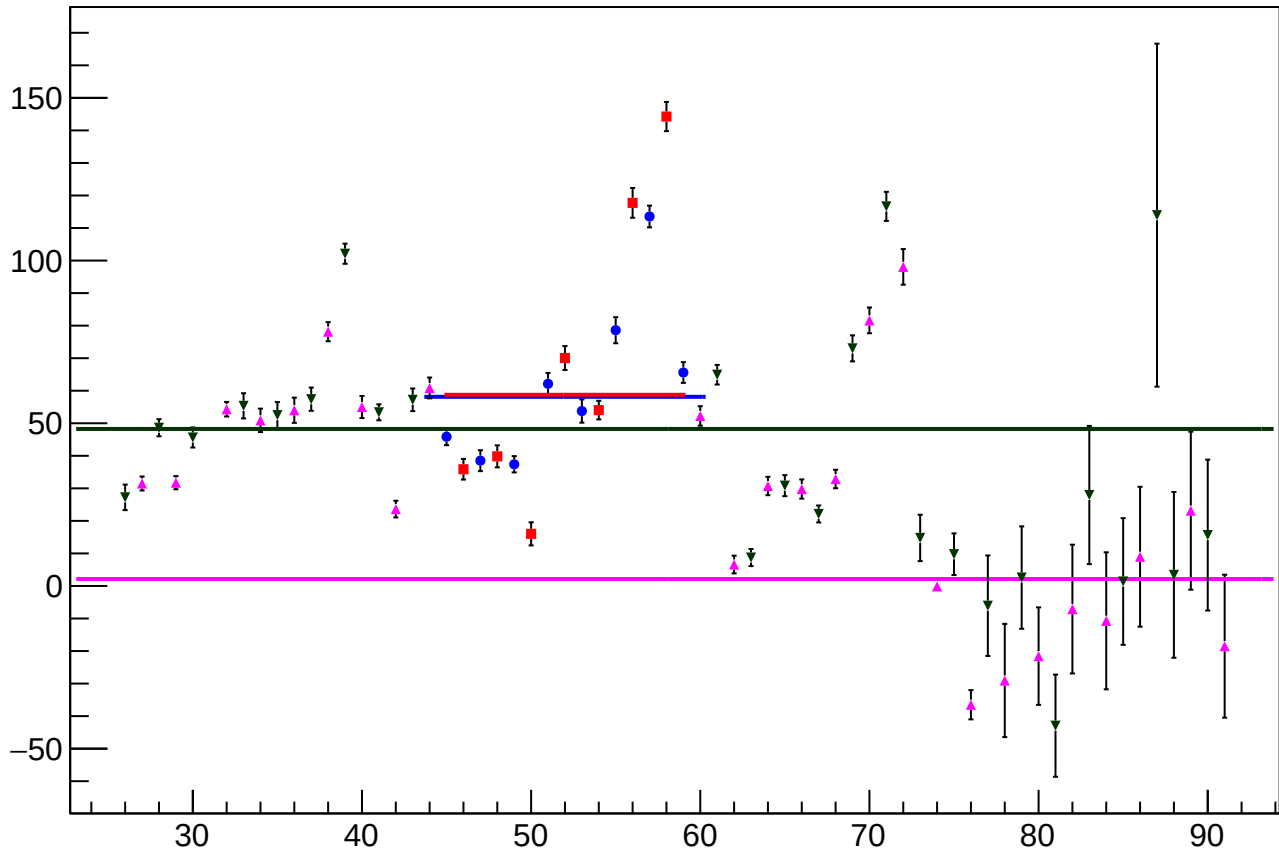
Right Out: -90.180 $\pm$ 0.187 χ^2 /NDF: 4433.6/6

Left In: -6.004 $\pm$ 0.026 χ^2 /NDF:731463.6/24

-72.375 $\pm$ 0.083 χ^2 /NDF: 163497.7/32

-7.575 $\pm$ 0.026 χ^2 /NDF: 935434.6/31

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 58.135 $\pm$ 1.104 χ^2 /NDF: 438.4/7

Left Out: 48.254 $\pm$ 0.803 χ^2 /NDF:1137.9/24

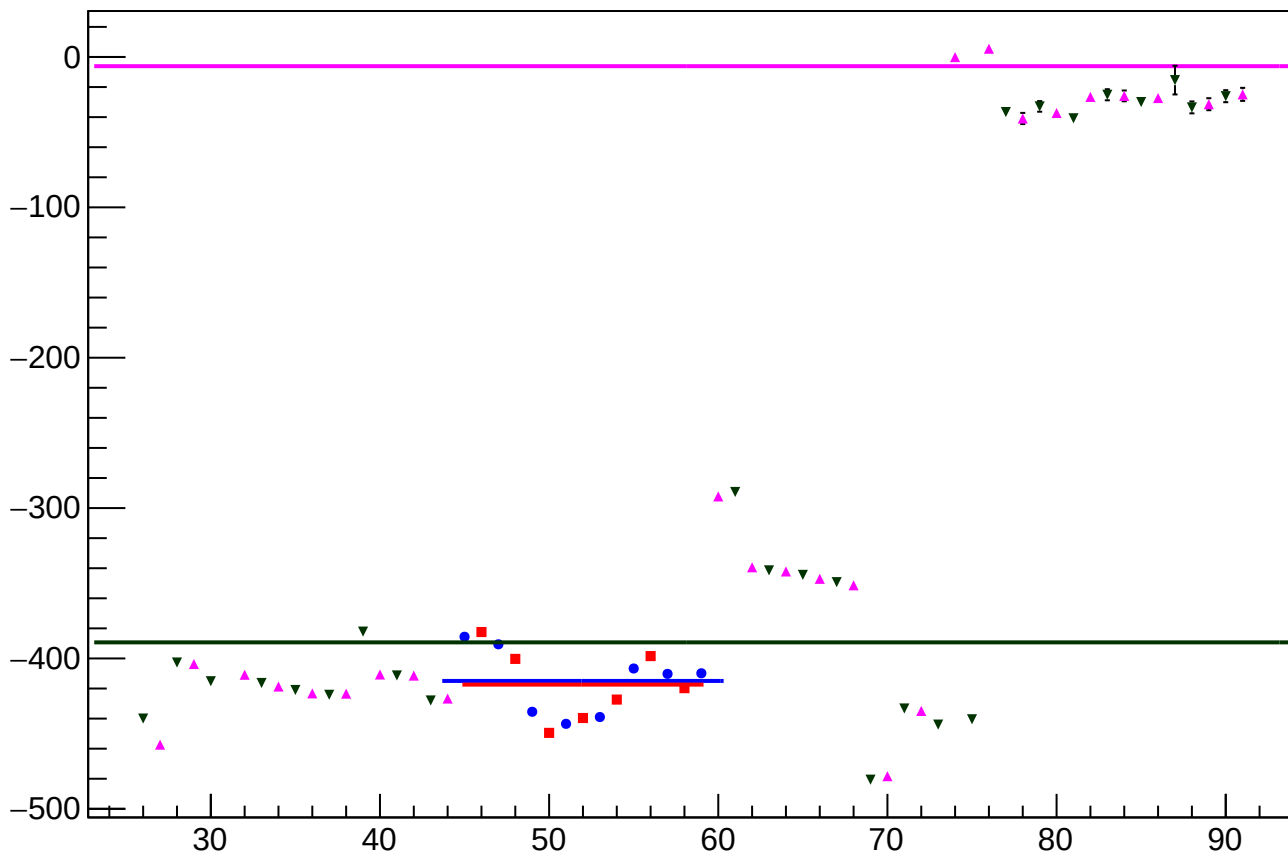
Right Out: 58.758 $\pm$ 1.336 χ^2 /NDF: 769.8/6

Left In: 2.141 $\pm$ 0.168 χ^2 /NDF:4177.1/24

51.675 $\pm$ 0.650 χ^2 /NDF: 1628.6/32

3.017 $\pm$ 0.166 χ^2 /NDF: 6714.2/31

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -414.950+/-0.214 χ^2/NDF : 9928.5/7

Left Out: -389.307+/-0.147 χ^2/NDF :179680.7/24

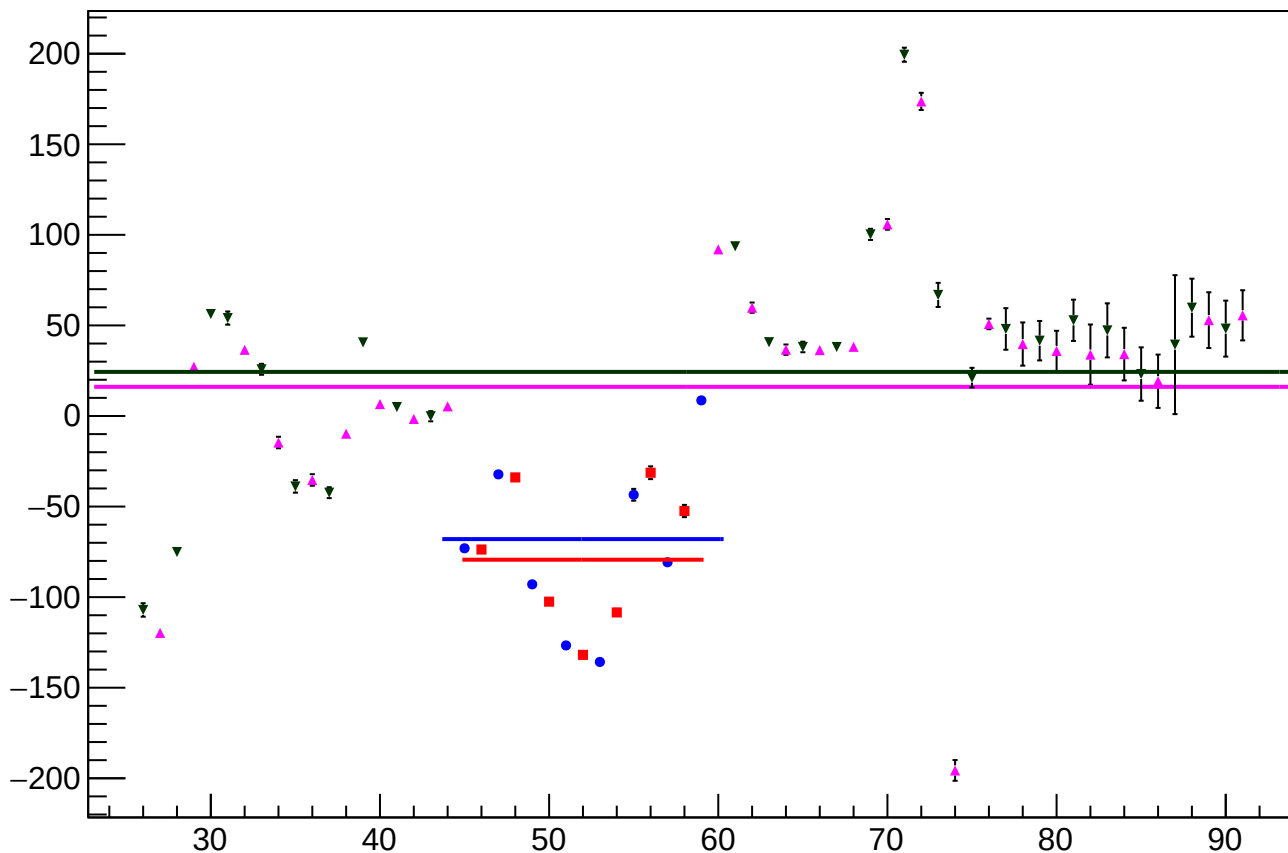
Right Out: -417.402+/-0.254 χ^2/NDF : 8383.5/6

Left In: -6.118+/-0.018 χ^2/NDF :7551041.7/24

-397.491+/-0.121 χ^2/NDF : 199371.8/32

-8.095+/-0.018 χ^2/NDF : 10158679.1/31

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -67.963 ± 0.796 χ^2/NDF : 3318.7/7

Left Out: 24.349 ± 0.679 χ^2/NDF : 8016.1/25

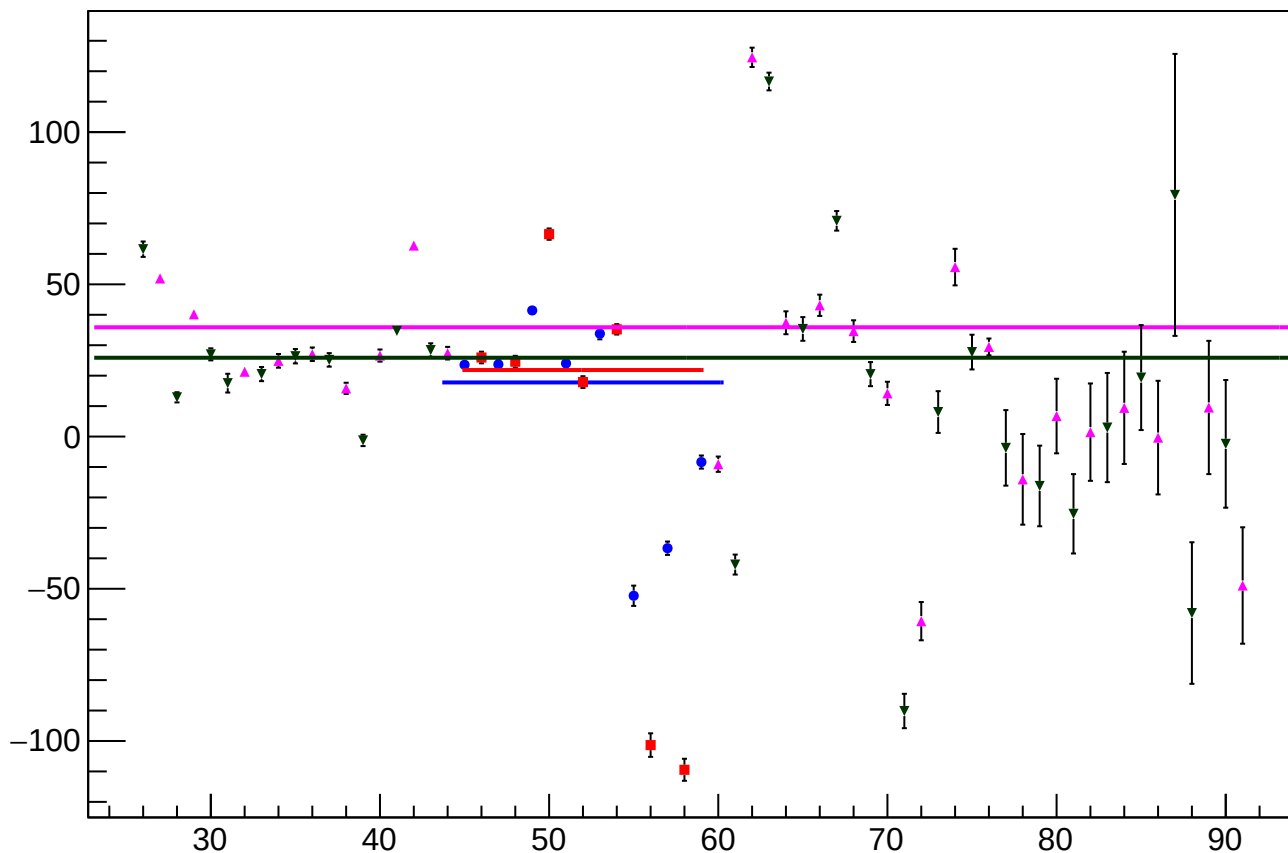
Right Out: -79.334 ± 1.019 χ^2/NDF : 1229.1/6

Left In: 16.091 ± 0.601 χ^2/NDF : 10447.4/24

-14.566 ± 0.517 χ^2/NDF : 19117.9/33

-8.562 ± 0.518 χ^2/NDF : 18183.7/31

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 17.772 ± 0.651 $\chi^2/\text{NDF}: 1609.6/7$

Left Out: 25.888 ± 0.585 $\chi^2/\text{NDF}: 2603.3/25$

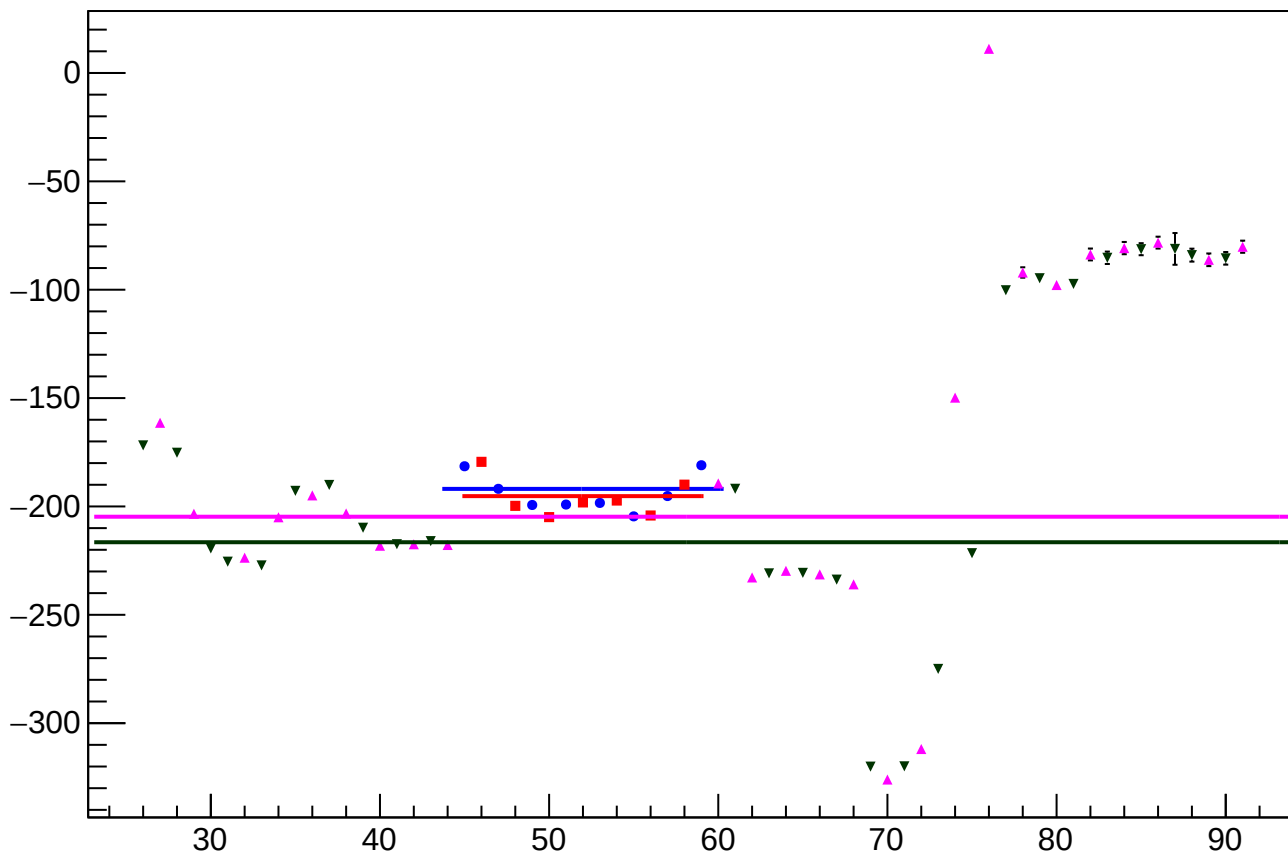
Right Out: 21.852 ± 0.794 $\chi^2/\text{NDF}: 2981.0/6$

Left In: 35.899 ± 0.499 $\chi^2/\text{NDF}: 2180.3/24$

22.264 ± 0.435 $\chi^2/\text{NDF}: 4298.8/33$

31.921 ± 0.422 $\chi^2/\text{NDF}: 5385.7/31$

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -191.898 ± 0.142 χ^2/NDF : 3438.9/7

Left Out: -216.512 ± 0.115 χ^2/NDF : 99471.5/25

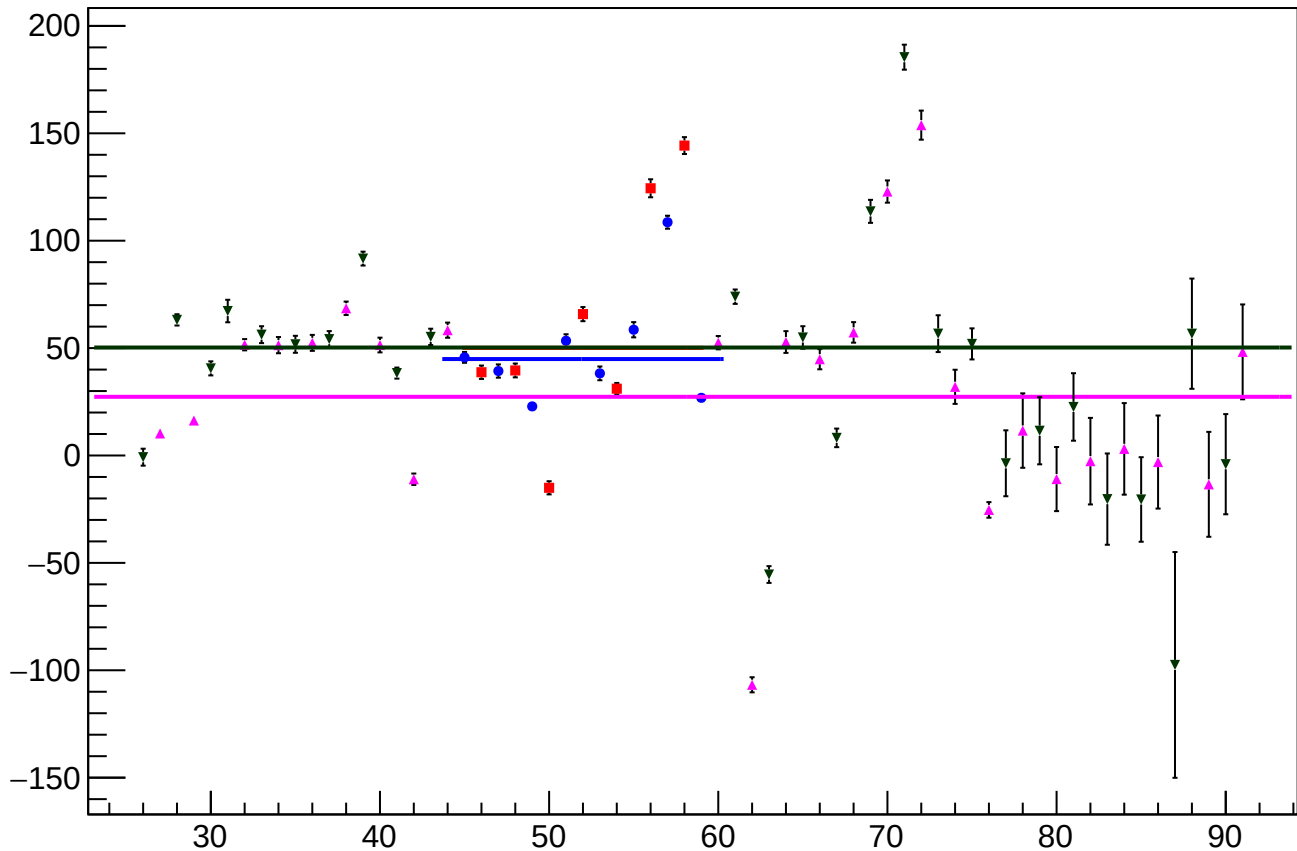
Right Out: -195.242 ± 0.174 χ^2/NDF : 2515.0/6

Left In: -204.739 ± 0.104 χ^2/NDF : 286718.3/24

-206.791 ± 0.089 χ^2/NDF : 121054.8/33

-202.257 ± 0.089 χ^2/NDF : 291431.6/31

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 44.902 ± 0.977 χ^2/NDF : 632.1/7

Left Out: 50.269 ± 0.906 χ^2/NDF : 2019.3/25

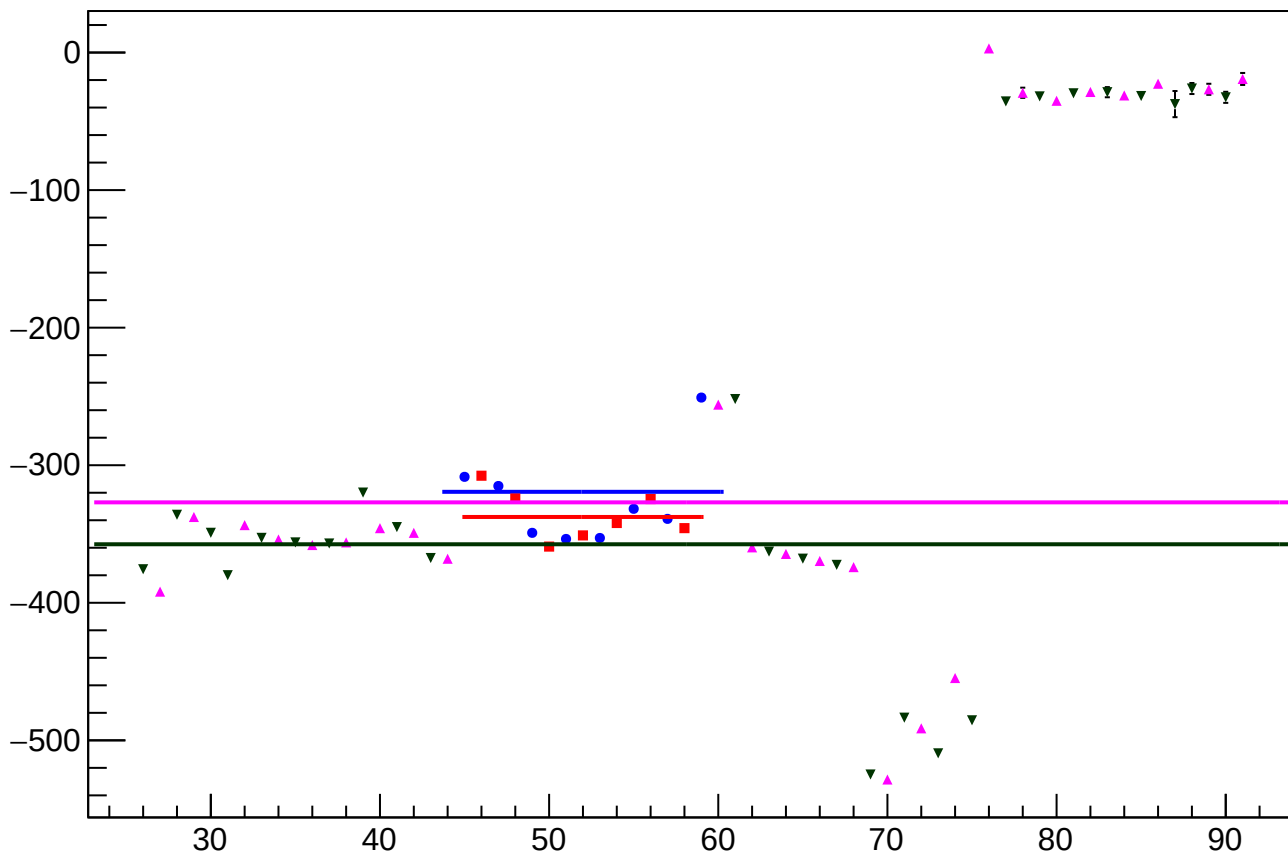
Right Out: 50.112 ± 1.232 χ^2/NDF : 1435.1/6

Left In: 27.321 ± 0.771 χ^2/NDF : 3300.4/24

47.787 ± 0.664 χ^2/NDF : 2667.6/33

33.740 ± 0.654 χ^2/NDF : 4981.4/31

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -319.335 $\pm$ 0.189 χ^2 /NDF: 38956.7/7

Left Out: -357.461 $\pm$ 0.165 χ^2 /NDF: 184888.7/25

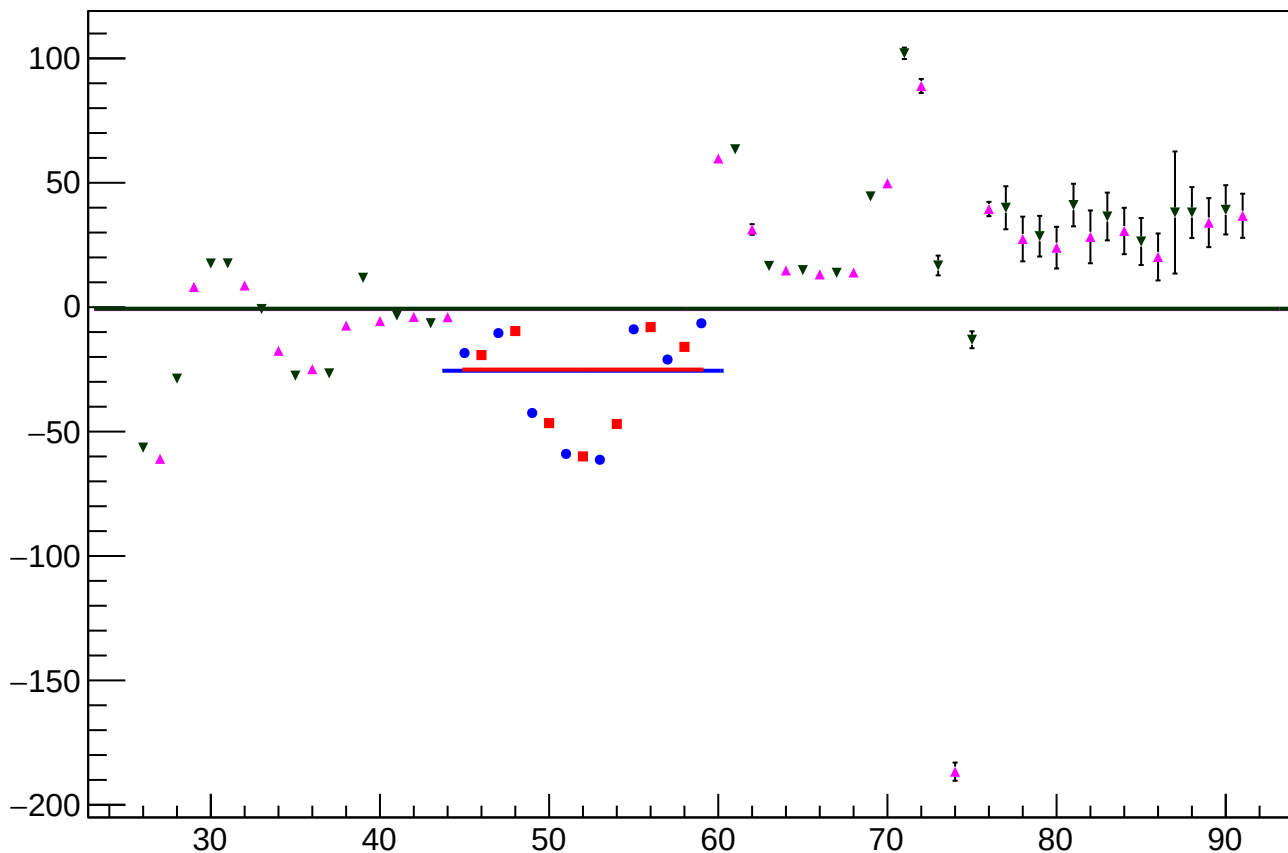
Right Out: -337.613 $\pm$ 0.233 χ^2 /NDF: 5447.7/6

Left In: -326.997 $\pm$ 0.153 χ^2 /NDF: 569720.7/24

-340.953 $\pm$ 0.124 χ^2 /NDF: 246972.4/33

-330.181 $\pm$ 0.128 χ^2 /NDF: 576621.0/31

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -25.541 ± 0.274 χ^2/NDF : 4079.4/7

Left Out: -0.603 ± 0.284 χ^2/NDF : 9096.1/25

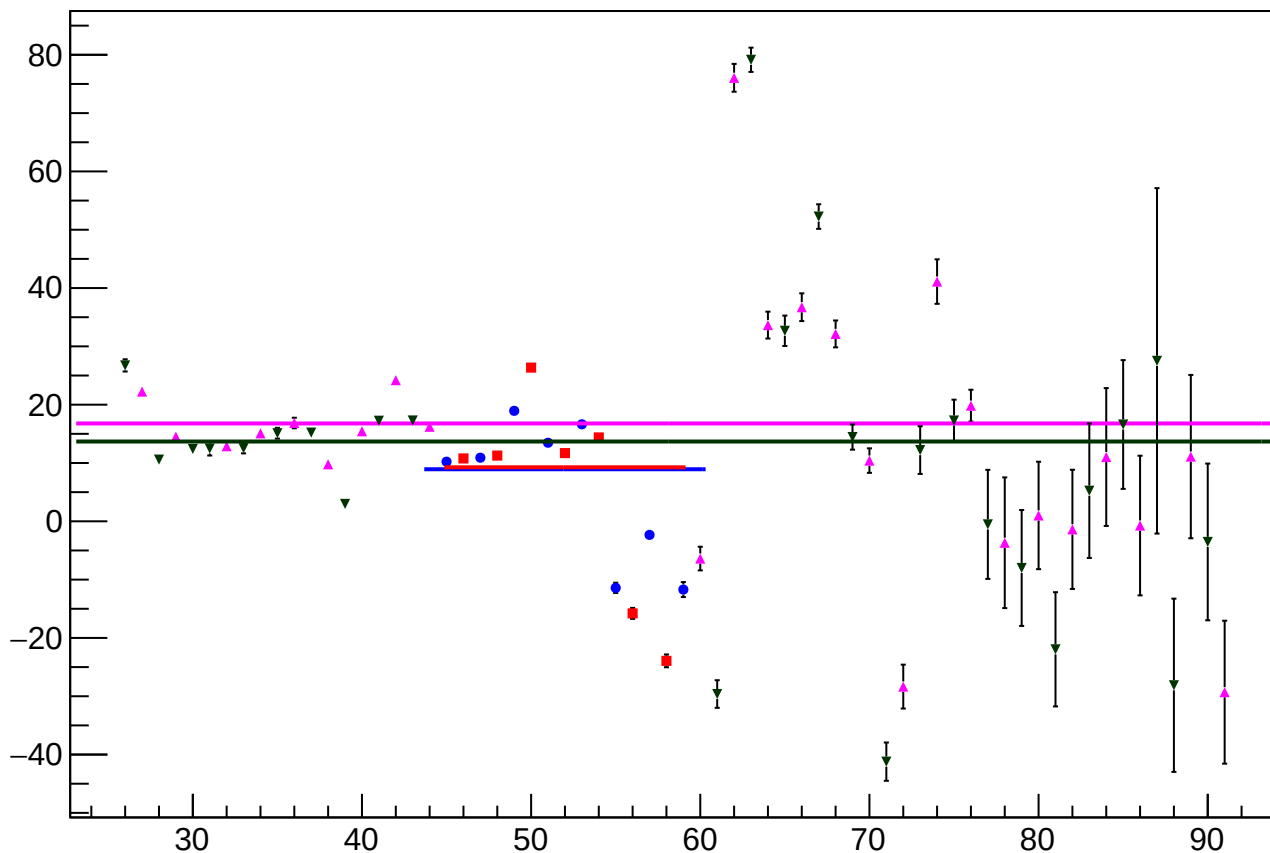
Right Out: -25.080 ± 0.328 χ^2/NDF : 3004.0/6

Left In: -0.756 ± 0.257 χ^2/NDF : 11774.9/24

-13.503 ± 0.197 χ^2/NDF : 17175.2/33

-10.018 ± 0.203 χ^2/NDF : 18178.8/31

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 8.927 ± 0.217 $\chi^2/\text{NDF}: 1646.1/7$

Left Out: 13.683 ± 0.223 $\chi^2/\text{NDF}: 2609.7/25$

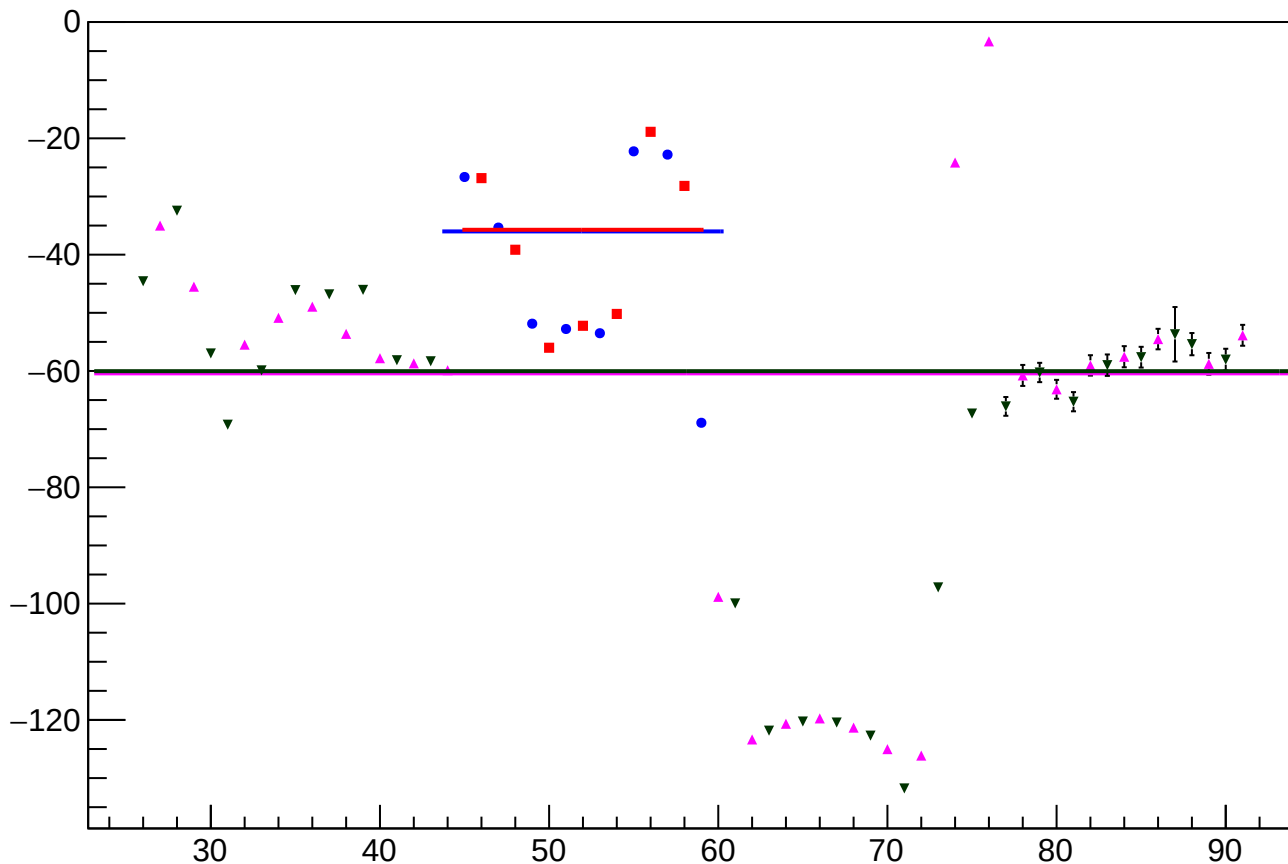
Right Out: 9.262 ± 0.264 $\chi^2/\text{NDF}: 2202.5/6$

Left In: 16.779 ± 0.200 $\chi^2/\text{NDF}: 1571.6/24$

11.245 ± 0.156 $\chi^2/\text{NDF}: 4489.3/33$

14.029 ± 0.160 $\chi^2/\text{NDF}: 4289.0/31$

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.004 ± 0.048 χ^2/NDF : 86271.9/7

Left Out: -60.037 ± 0.047 χ^2/NDF : 289819.1/25

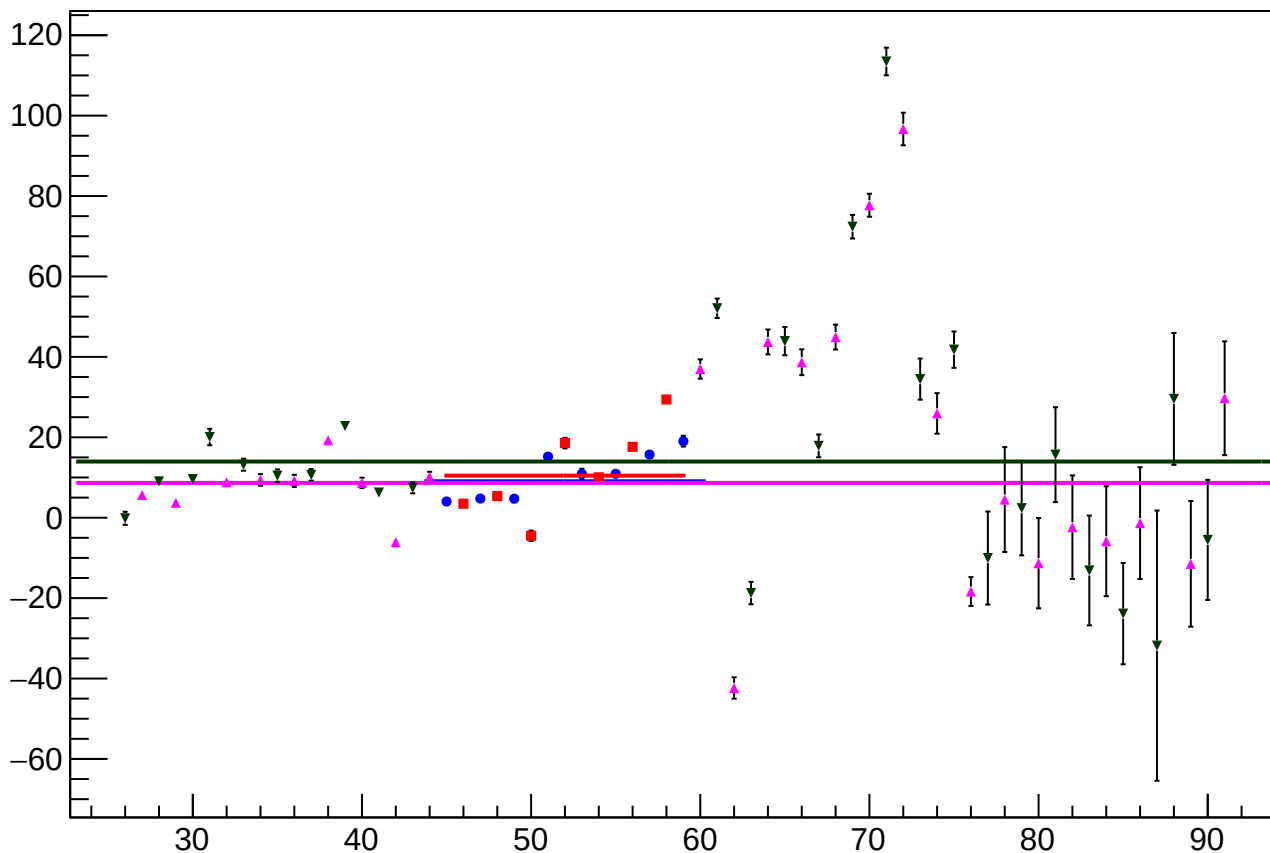
Right Out: -35.724 ± 0.055 χ^2/NDF : 49927.4/6

Left In: -60.412 ± 0.044 χ^2/NDF : 304426.1/24

-48.101 ± 0.034 χ^2/NDF : 503720.3/33

-50.774 ± 0.034 χ^2/NDF : 476312.5/31

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 9.058 ± 0.333 $\chi^2/\text{NDF}: 248.9/7$

Left Out: 13.971 ± 0.362 $\chi^2/\text{NDF}: 2080.7/25$

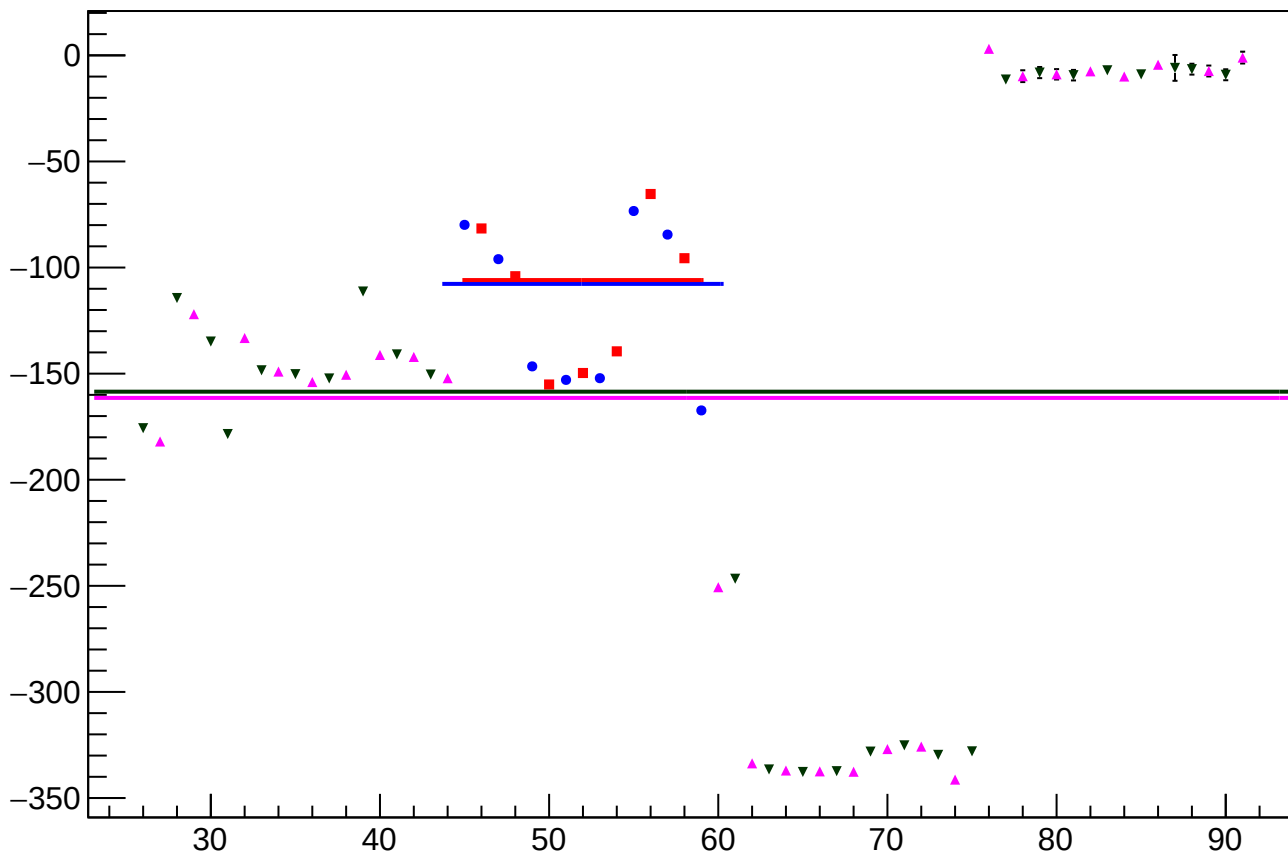
Right Out: 10.467 ± 0.399 $\chi^2/\text{NDF}: 573.5/6$

Left In: 8.659 ± 0.325 $\chi^2/\text{NDF}: 2360.5/24$

11.310 ± 0.245 $\chi^2/\text{NDF}: 2429.4/33$

9.379 ± 0.252 $\chi^2/\text{NDF}: 2946.3/31$

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -107.705 ± 0.065 $\chi^2/\text{NDF}: 278180.4/7$

Left Out: -158.497 ± 0.067 $\chi^2/\text{NDF}: 875439.5/25$

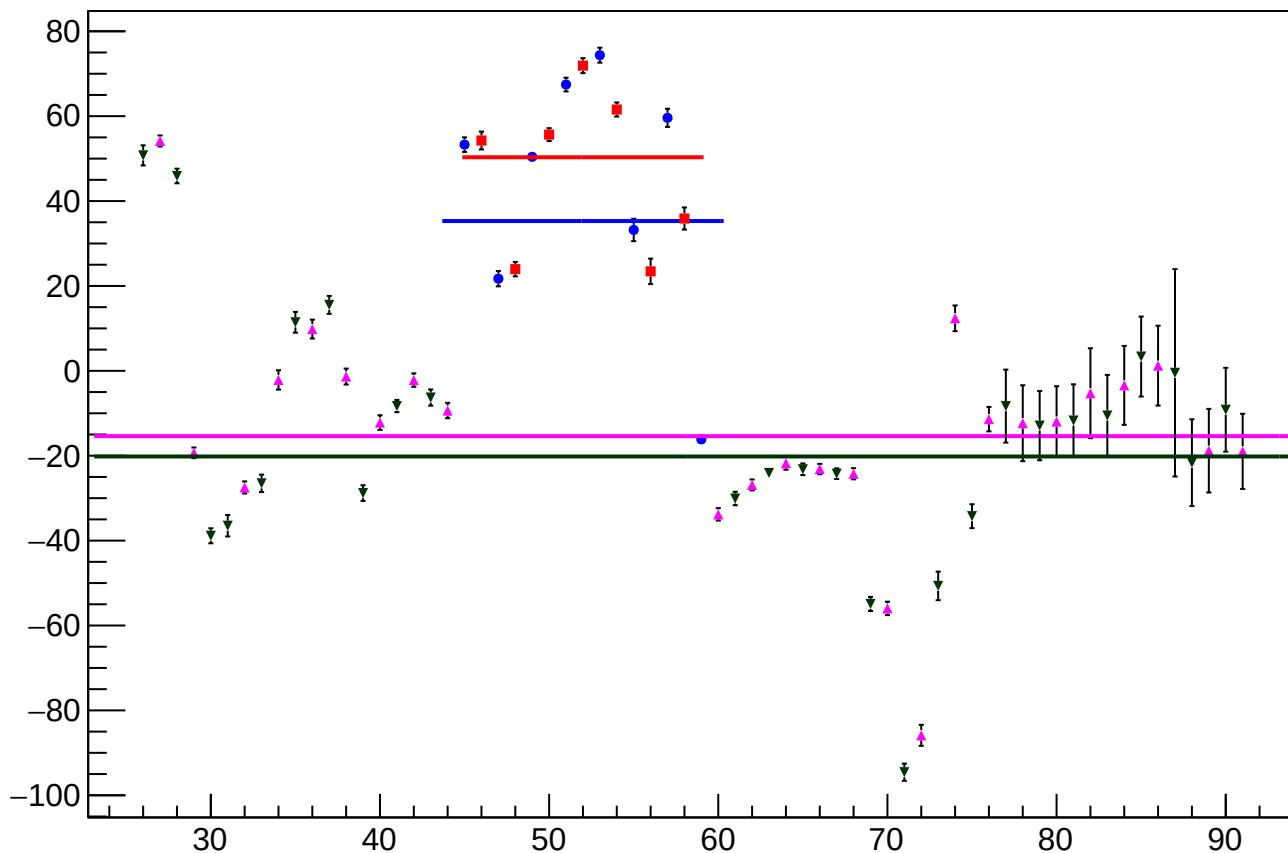
Right Out: -105.894 ± 0.076 $\chi^2/\text{NDF}: 178618.3/6$

Left In: -161.433 ± 0.067 $\chi^2/\text{NDF}: 940570.2/24$

-132.305 ± 0.047 $\chi^2/\text{NDF}: 1448729.7/33$

-137.137 ± 0.050 $\chi^2/\text{NDF}: 1423068.8/31$

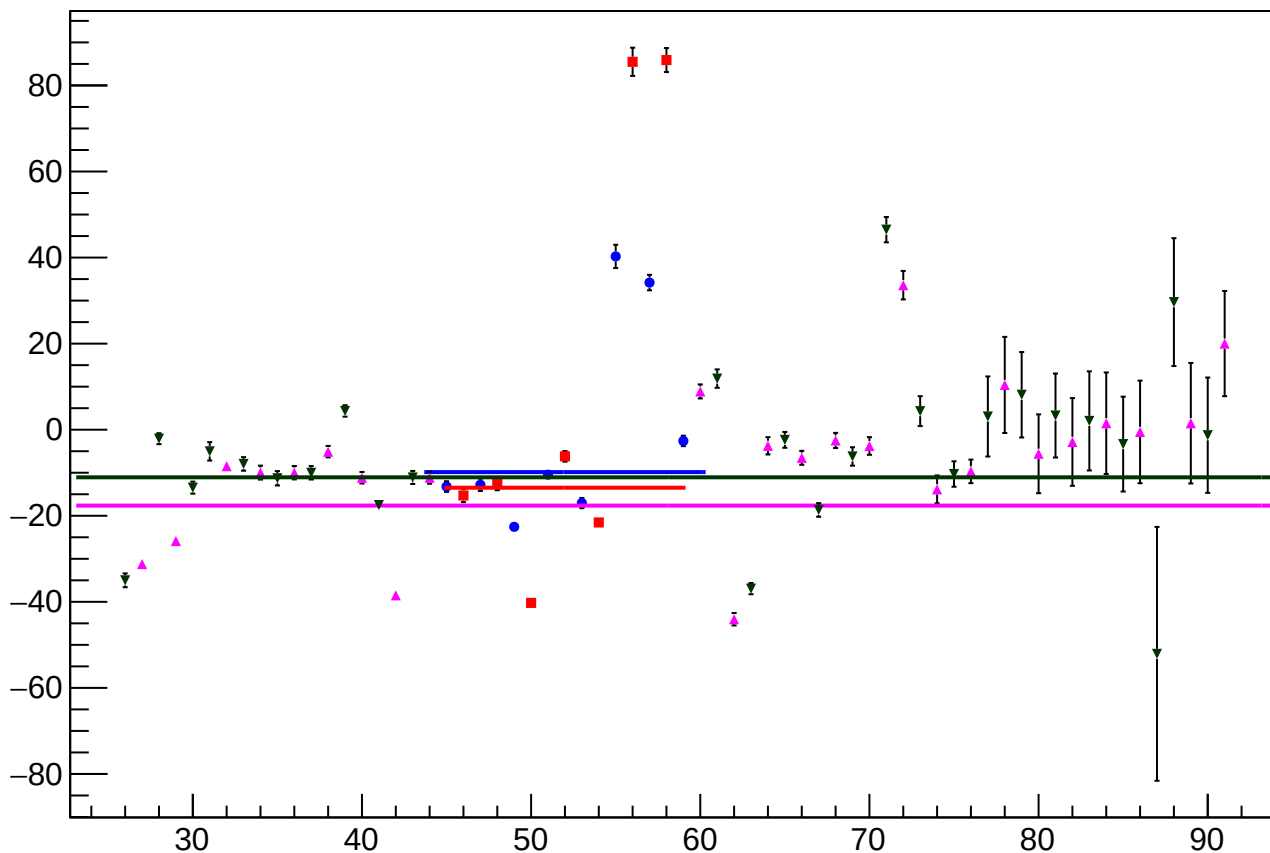
reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 35.293 ± 0.535 $\chi^2/\text{NDF}: 3715.6/7$
 Left Out: -20.176 ± 0.413 $\chi^2/\text{NDF}: 5099.7/25$
 Right Out: 50.317 ± 0.717 $\chi^2/\text{NDF}: 562.7/6$
 Left In: -15.390 ± 0.376 $\chi^2/\text{NDF}: 5138.2/24$

0.528 ± 0.327 $\chi^2/\text{NDF}: 15544.8/33$
 -1.197 ± 0.333 $\chi^2/\text{NDF}: 12285.2/31$

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -9.856 ± 0.447 $\chi^2/\text{NDF}: 1234.4/7$

Left Out: -11.063 ± 0.380 $\chi^2/\text{NDF}: 1439.5/25$

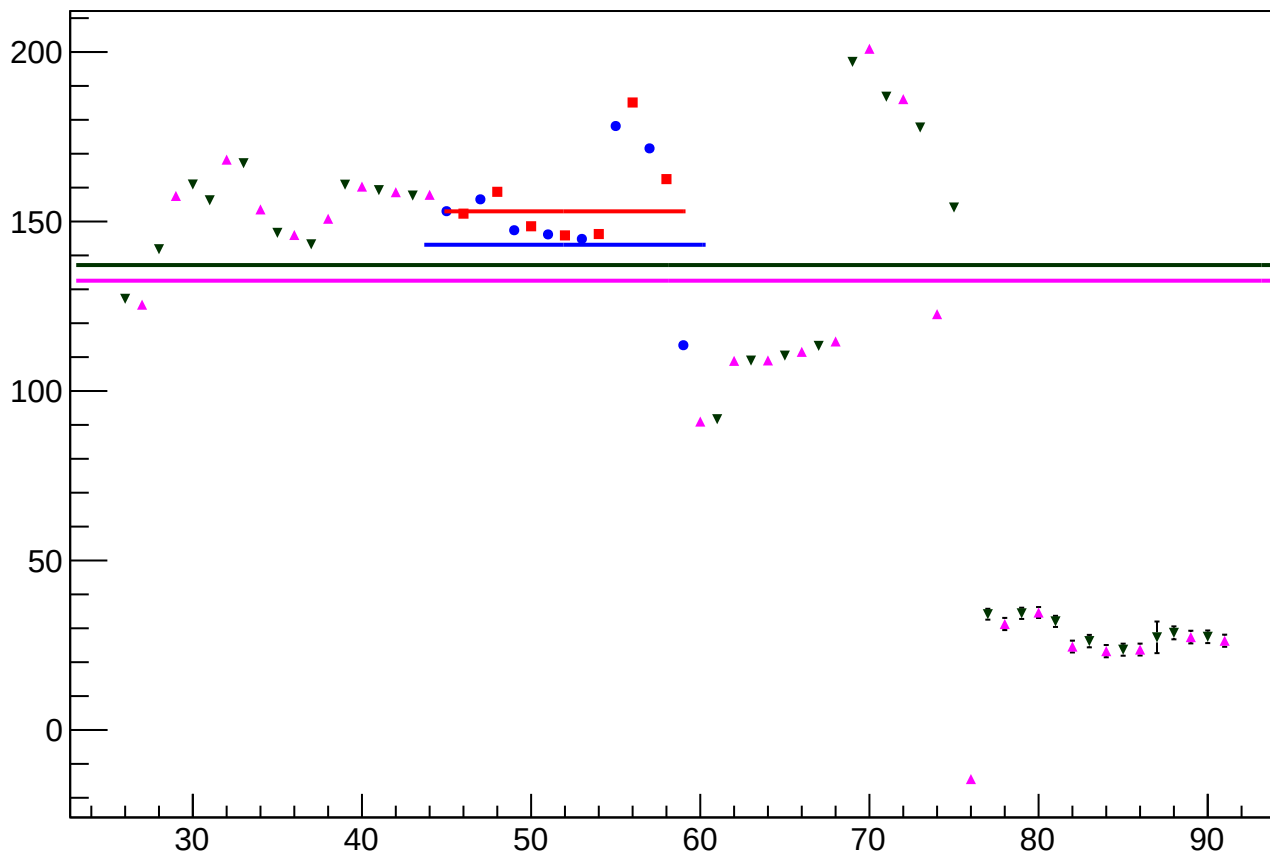
Right Out: -13.482 ± 0.549 $\chi^2/\text{NDF}: 2798.9/6$

Left In: -17.636 ± 0.332 $\chi^2/\text{NDF}: 2045.7/24$

-10.555 ± 0.290 $\chi^2/\text{NDF}: 2678.1/33$

-16.523 ± 0.284 $\chi^2/\text{NDF}: 4886.6/31$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 143.145 $\pm$ 0.097 χ^2 /NDF: 39107.6/7

Left Out: 137.157 $\pm$ 0.070 χ^2 /NDF:195075.0/25

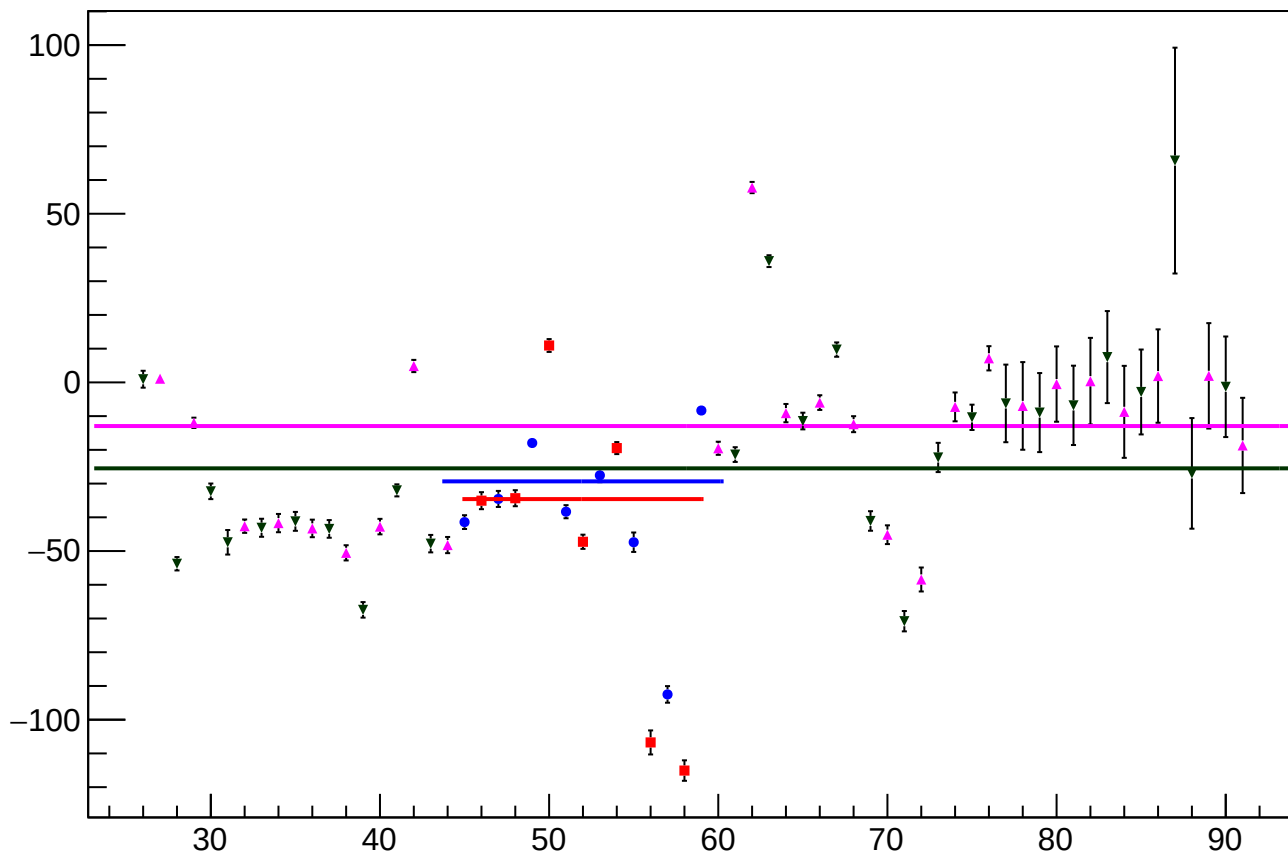
Right Out: 153.001 $\pm$ 0.124 χ^2 /NDF: 5949.9/6

Left In: 132.543 $\pm$ 0.065 χ^2 /NDF:302191.1/24

139.217 $\pm$ 0.057 χ^2 /NDF: 236697.8/33

136.936 $\pm$ 0.057 χ^2 /NDF: 329597.6/31

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.344 ± 0.660 χ^2/NDF : 1094.8/7

Left Out: -25.483 ± 0.572 χ^2/NDF : 2736.9/25

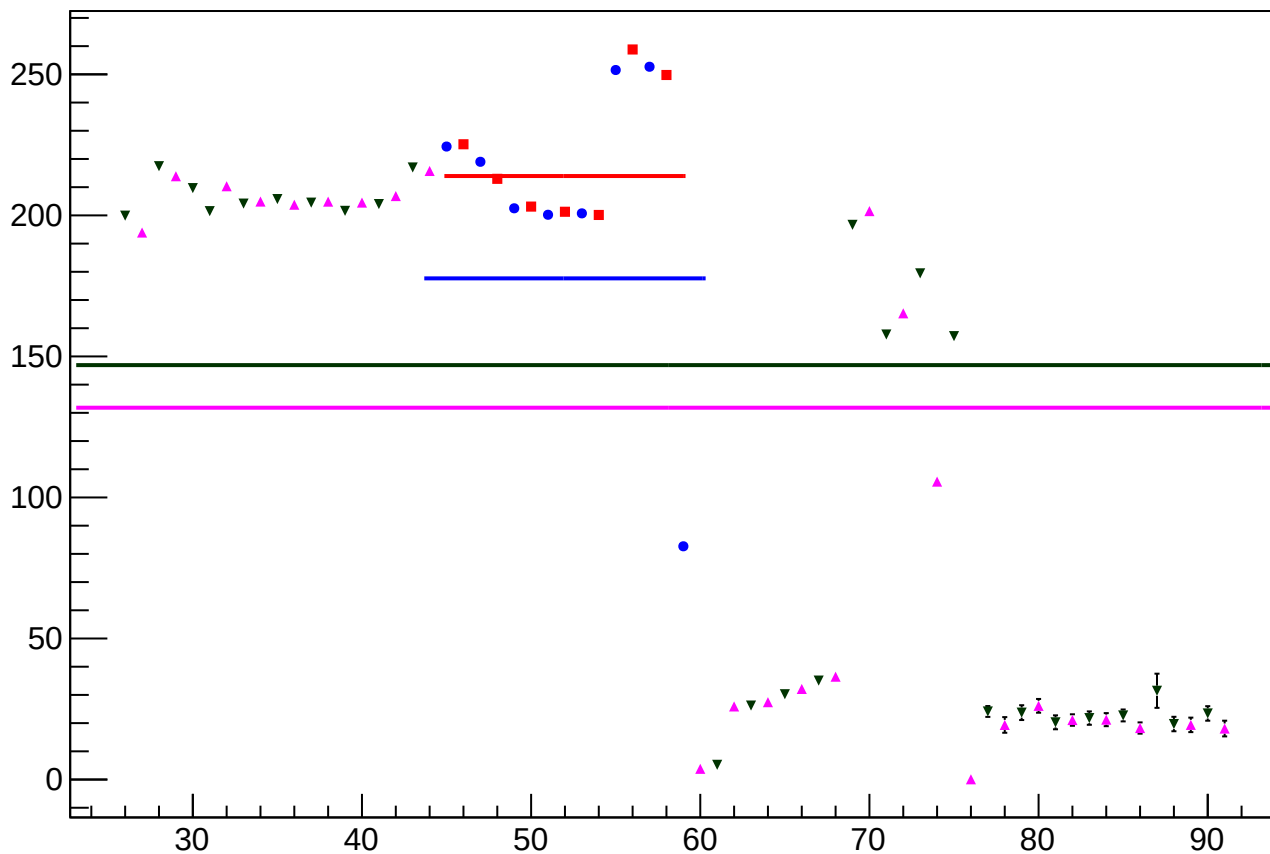
Right Out: -34.597 ± 0.865 χ^2/NDF : 1791.8/6

Left In: -12.941 ± 0.500 χ^2/NDF : 3518.7/24

-27.141 ± 0.432 χ^2/NDF : 3851.3/33

-18.364 ± 0.433 χ^2/NDF : 5780.5/31

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 177.671 $\pm$ 0.126 χ^2 /NDF: 235481.9/7

Left Out: 146.919 $\pm$ 0.103 χ^2 /NDF: 626962.5/25

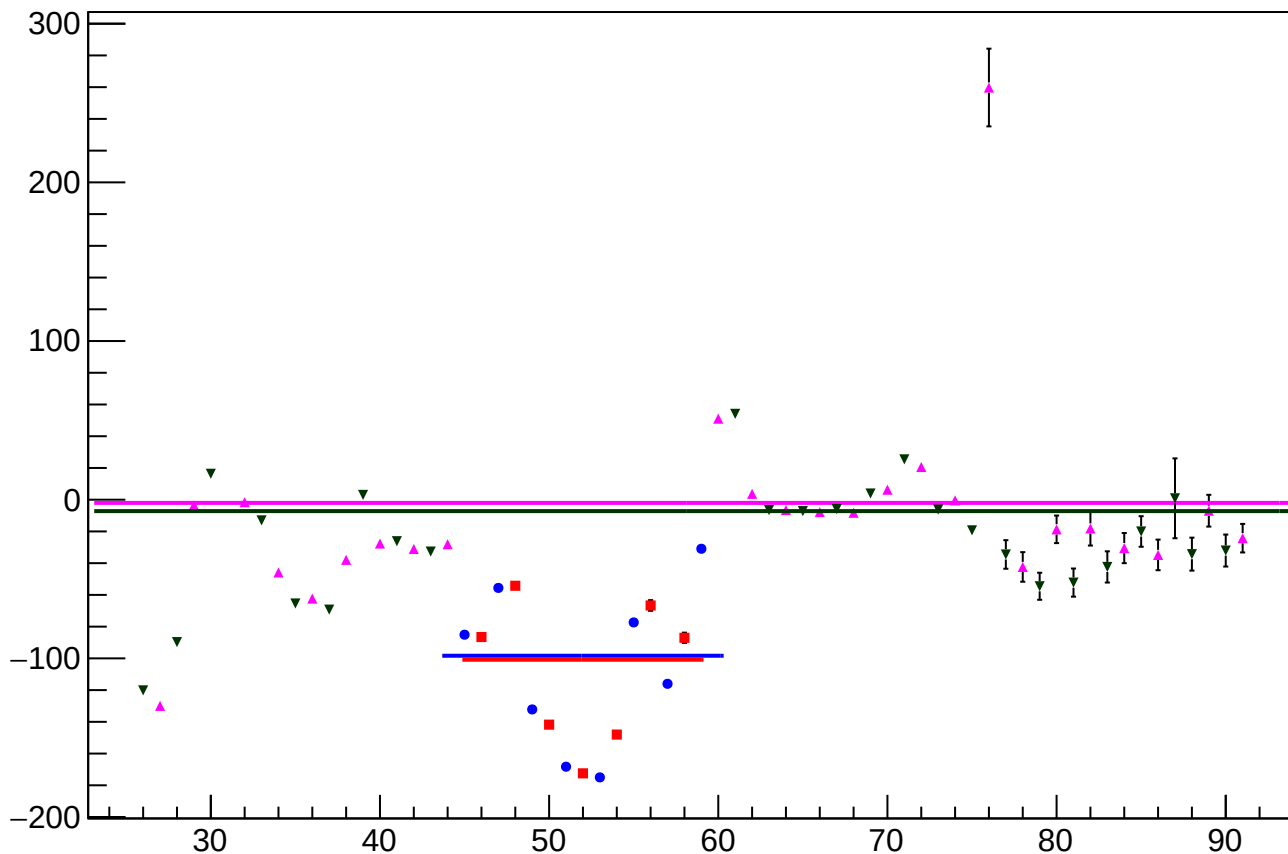
Right Out: 213.951 $\pm$ 0.163 χ^2 /NDF: 13246.1/6

Left In: 131.820 $\pm$ 0.098 χ^2 /NDF: 802385.6/24

159.128 $\pm$ 0.080 χ^2 /NDF: 898109.0/33

153.600 $\pm$ 0.084 χ^2 /NDF: 1002057.6/31

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -98.348 ± 0.717 $\chi^2/\text{NDF}: 3675.8/7$

Left Out: -7.193 ± 0.333 $\chi^2/\text{NDF}: 8238.3/24$

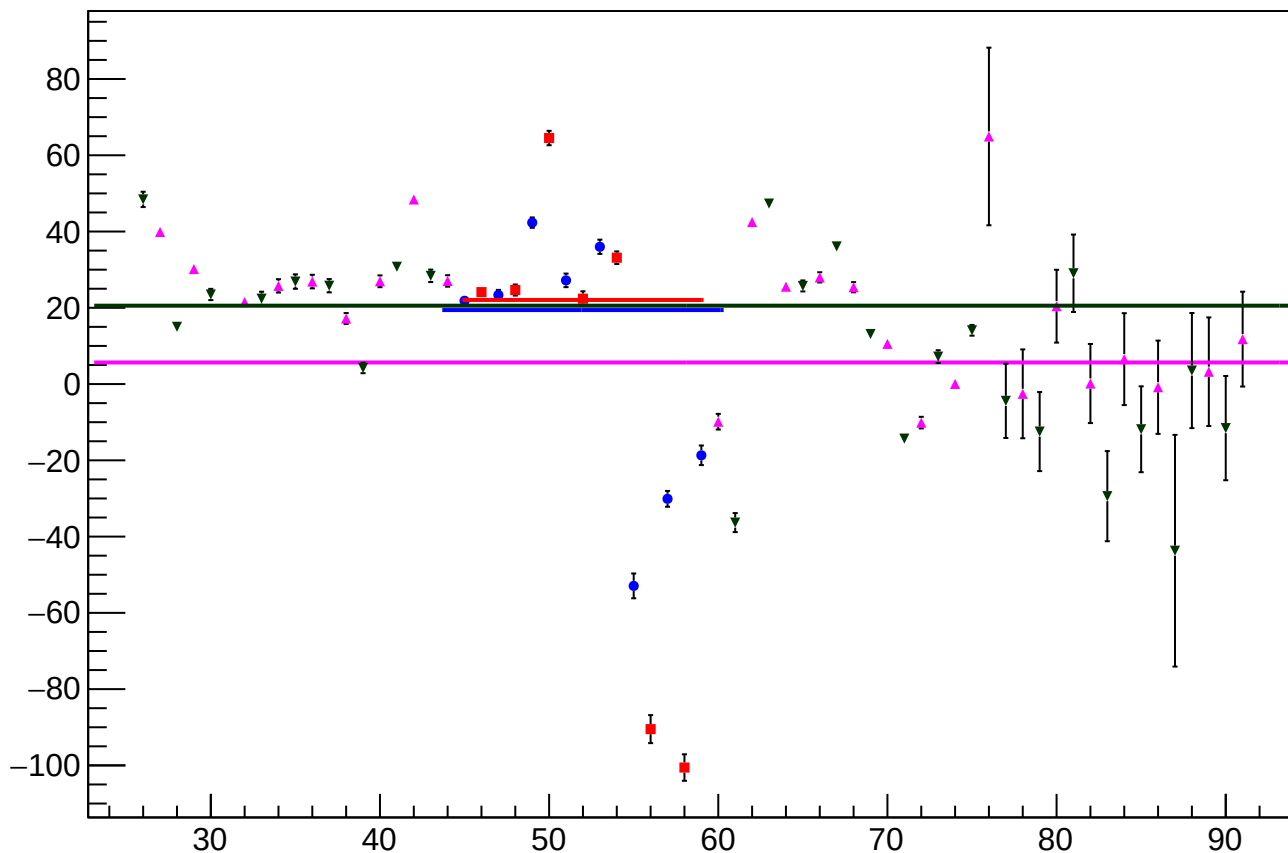
Right Out: -100.855 ± 0.878 $\chi^2/\text{NDF}: 2234.6/6$

Left In: -2.008 ± 0.138 $\chi^2/\text{NDF}: 10009.4/24$

-23.337 ± 0.302 $\chi^2/\text{NDF}: 25217.4/32$

-4.388 ± 0.136 $\chi^2/\text{NDF}: 24604.6/31$

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 19.406 ± 0.569 $\chi^2/\text{NDF}: 1677.1/7$

Left Out: 20.555 ± 0.345 $\chi^2/\text{NDF}: 2635.1/24$

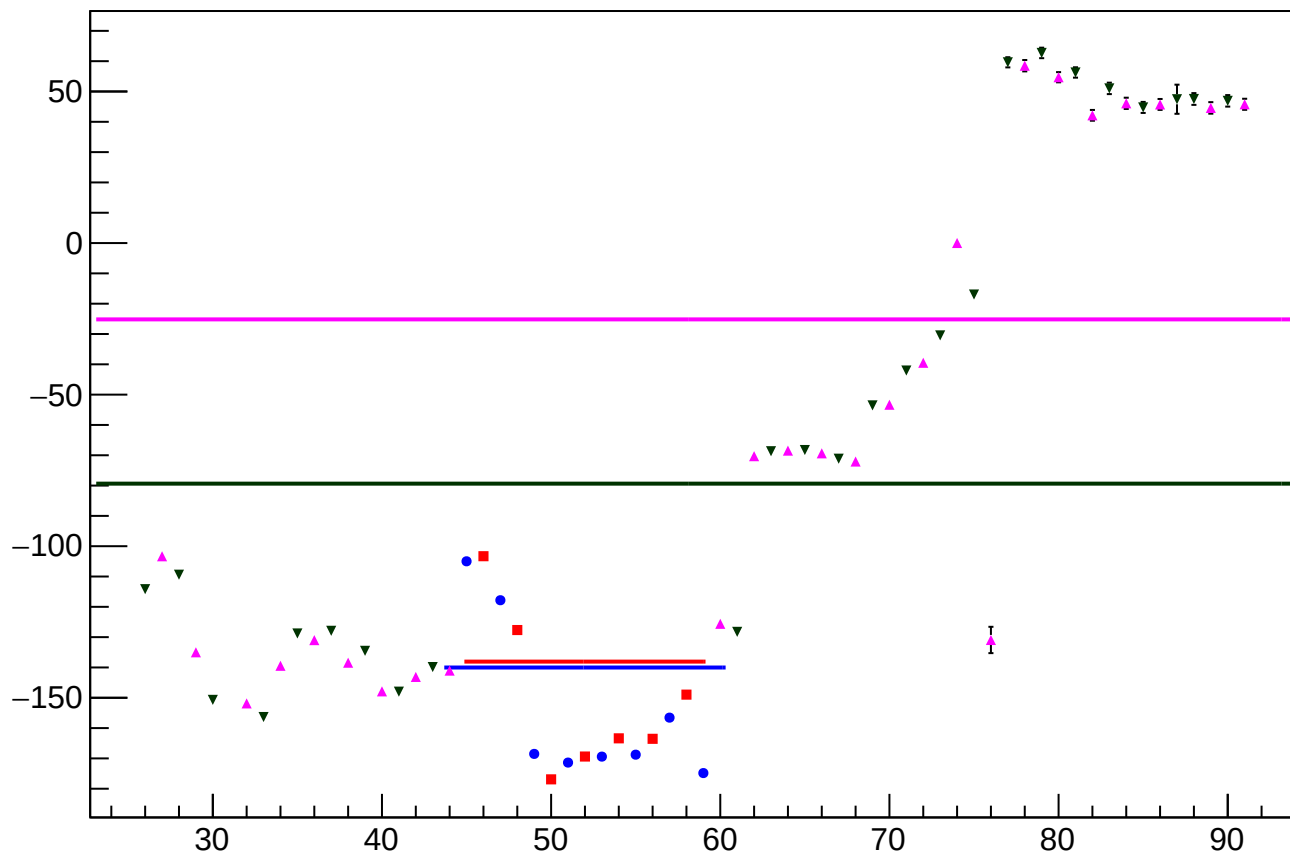
Right Out: 22.055 ± 0.685 $\chi^2/\text{NDF}: 2737.9/6$

Left In: 5.664 ± 0.152 $\chi^2/\text{NDF}: 6812.1/24$

20.247 ± 0.295 $\chi^2/\text{NDF}: 4315.2/32$

6.429 ± 0.148 $\chi^2/\text{NDF}: 10096.3/31$

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -140.020 ± 0.125 $\chi^2/\text{NDF}: 56142.0/7$

Left Out: -79.363 ± 0.059 $\chi^2/\text{NDF}: 465557.0/24$

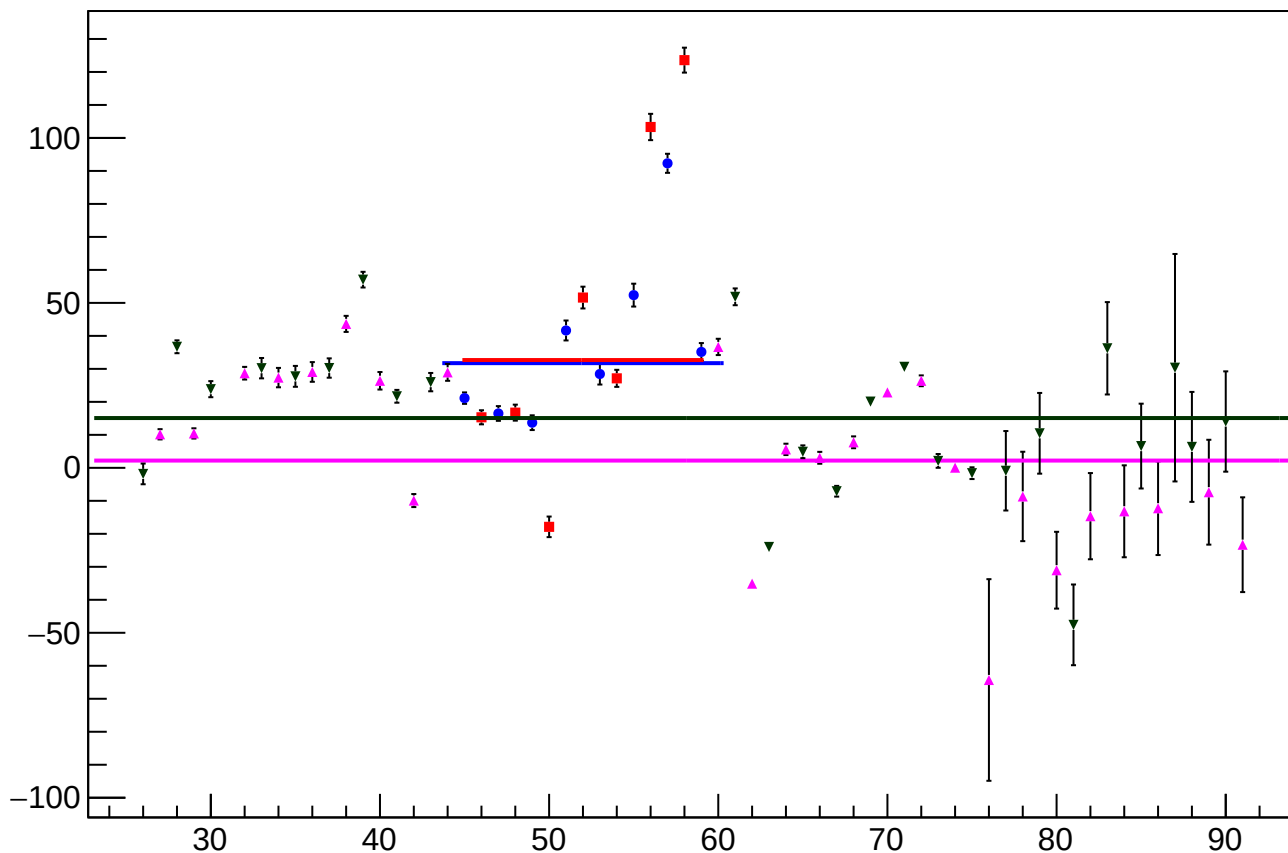
Right Out: -138.069 ± 0.148 $\chi^2/\text{NDF}: 35290.6/6$

Left In: -25.178 ± 0.030 $\chi^2/\text{NDF}: 2228261.3/24$

-90.252 ± 0.053 $\chi^2/\text{NDF}: 713787.9/32$

-29.656 ± 0.029 $\chi^2/\text{NDF}: 2823989.1/31$

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 31.733 $\pm$ 0.883 χ^2 /NDF: 637.7/7

Left Out: 15.093 $\pm$ 0.485 χ^2 /NDF:1958.2/24

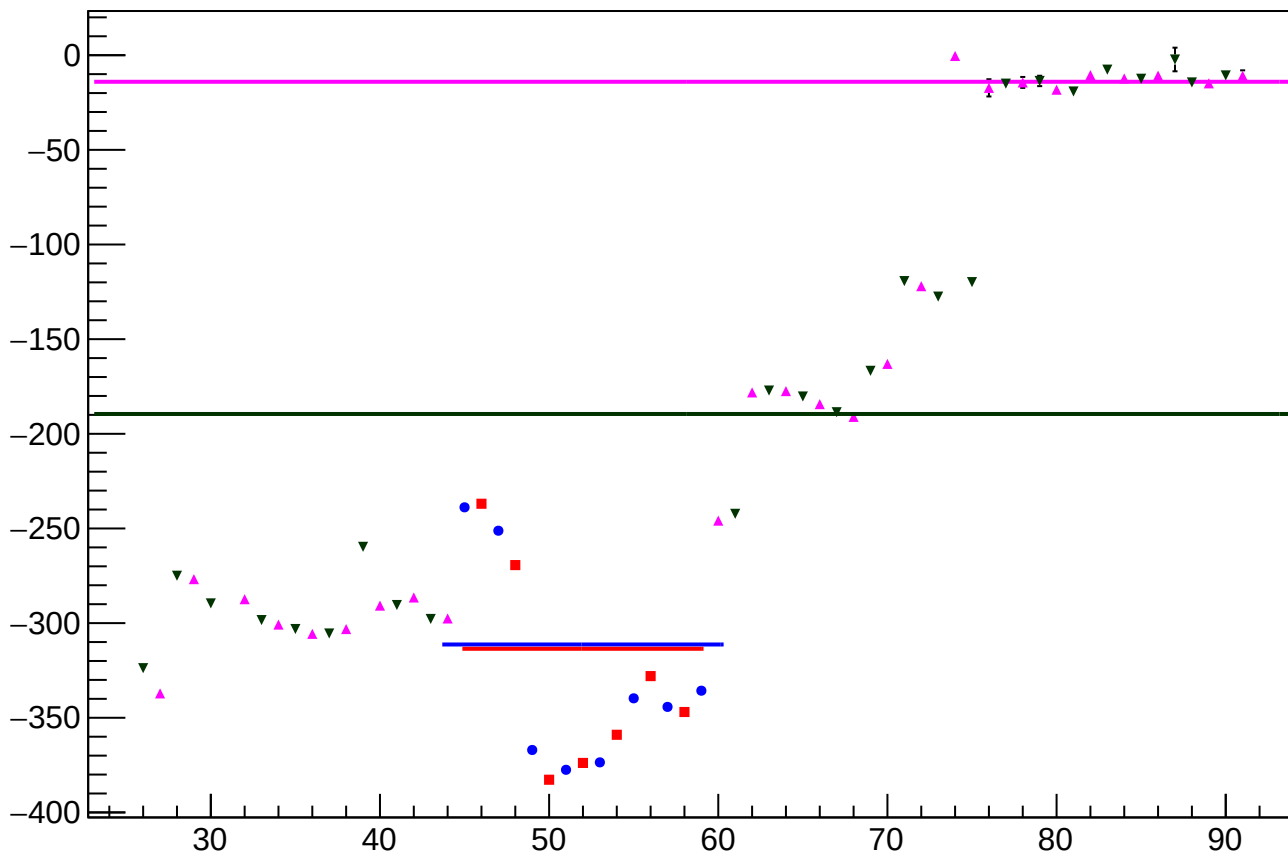
Right Out: 32.675 $\pm$ 1.074 χ^2 /NDF: 1302.3/6

Left In: 2.204 $\pm$ 0.204 χ^2 /NDF:2299.2/24

18.954 $\pm$ 0.425 χ^2 /NDF: 2868.8/32

3.269 $\pm$ 0.201 χ^2 /NDF: 4377.9/31

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -311.287 $\pm$ 0.172 χ^2 /NDF: 110669.2/7

Left Out: -189.523 $\pm$ 0.083 χ^2 /NDF: 745569.0/24

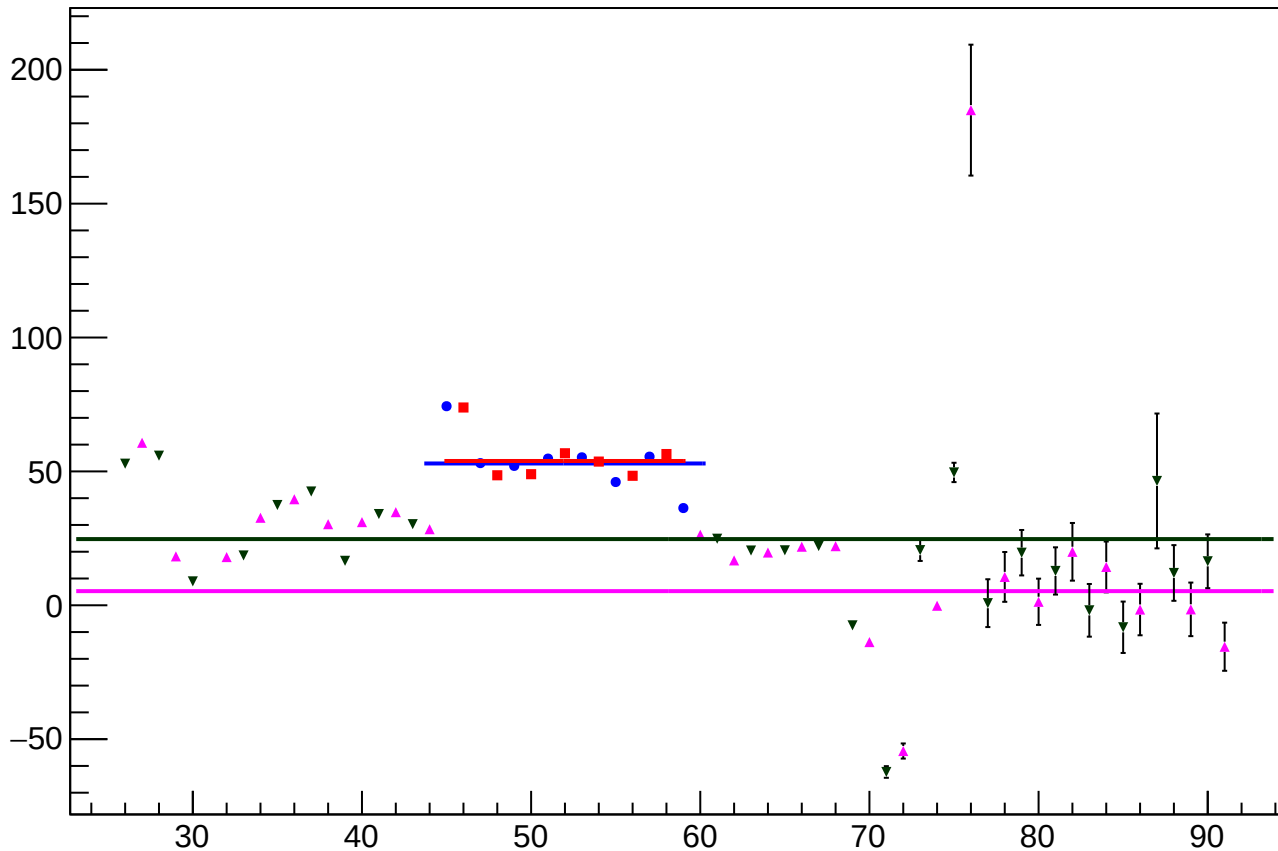
Right Out: -313.561 $\pm$ 0.205 χ^2 /NDF: 77716.1/6

Left In: -14.037 $\pm$ 0.023 χ^2 /NDF: 5923602.4/24

-212.616 $\pm$ 0.075 χ^2 /NDF: 1263243.0/32

-17.671 $\pm$ 0.023 χ^2 /NDF: 8103791.7/31

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 52.961 ± 0.337 $\chi^2/\text{NDF}: 610.6/7$

Left Out: 24.724 ± 0.307 $\chi^2/\text{NDF}: 3882.8/24$

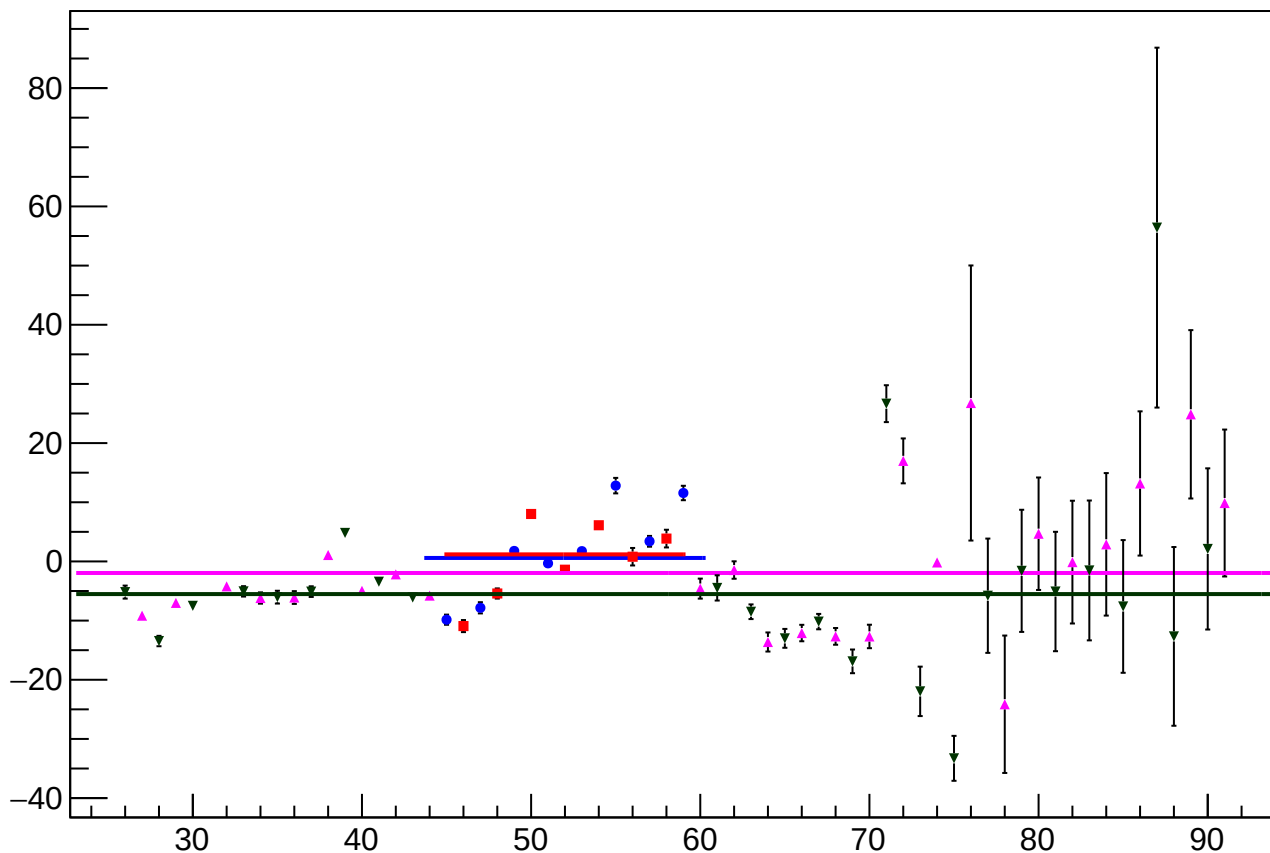
Right Out: 53.889 ± 0.416 $\chi^2/\text{NDF}: 294.6/6$

Left In: 5.283 ± 0.131 $\chi^2/\text{NDF}: 9261.0/24$

37.542 ± 0.227 $\chi^2/\text{NDF}: 8323.1/32$

9.663 ± 0.125 $\chi^2/\text{NDF}: 21961.1/31$

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: 0.588 ± 0.272 $\chi^2/\text{NDF}: 415.3/7$

Left Out: -5.518 ± 0.260 $\chi^2/\text{NDF}: 538.0/24$

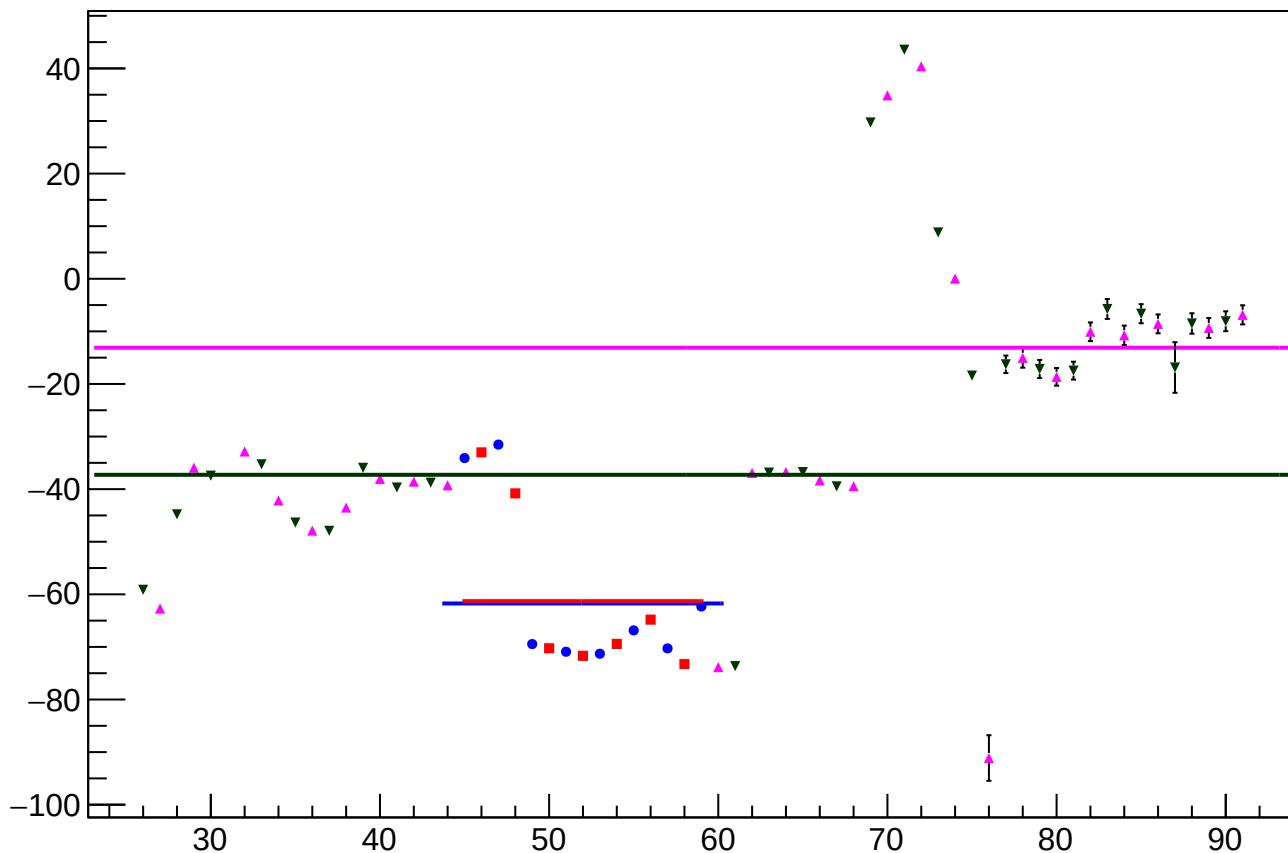
Right Out: 1.193 ± 0.323 $\chi^2/\text{NDF}: 370.5/6$

Left In: -1.951 ± 0.136 $\chi^2/\text{NDF}: 609.3/24$

-2.598 ± 0.188 $\chi^2/\text{NDF}: 1216.9/32$

-1.479 ± 0.125 $\chi^2/\text{NDF}: 1060.2/31$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -61.740 ± 0.061 χ^2/NDF : 56666.7/7

Left Out: -37.274 ± 0.052 χ^2/NDF : 128834.8/24

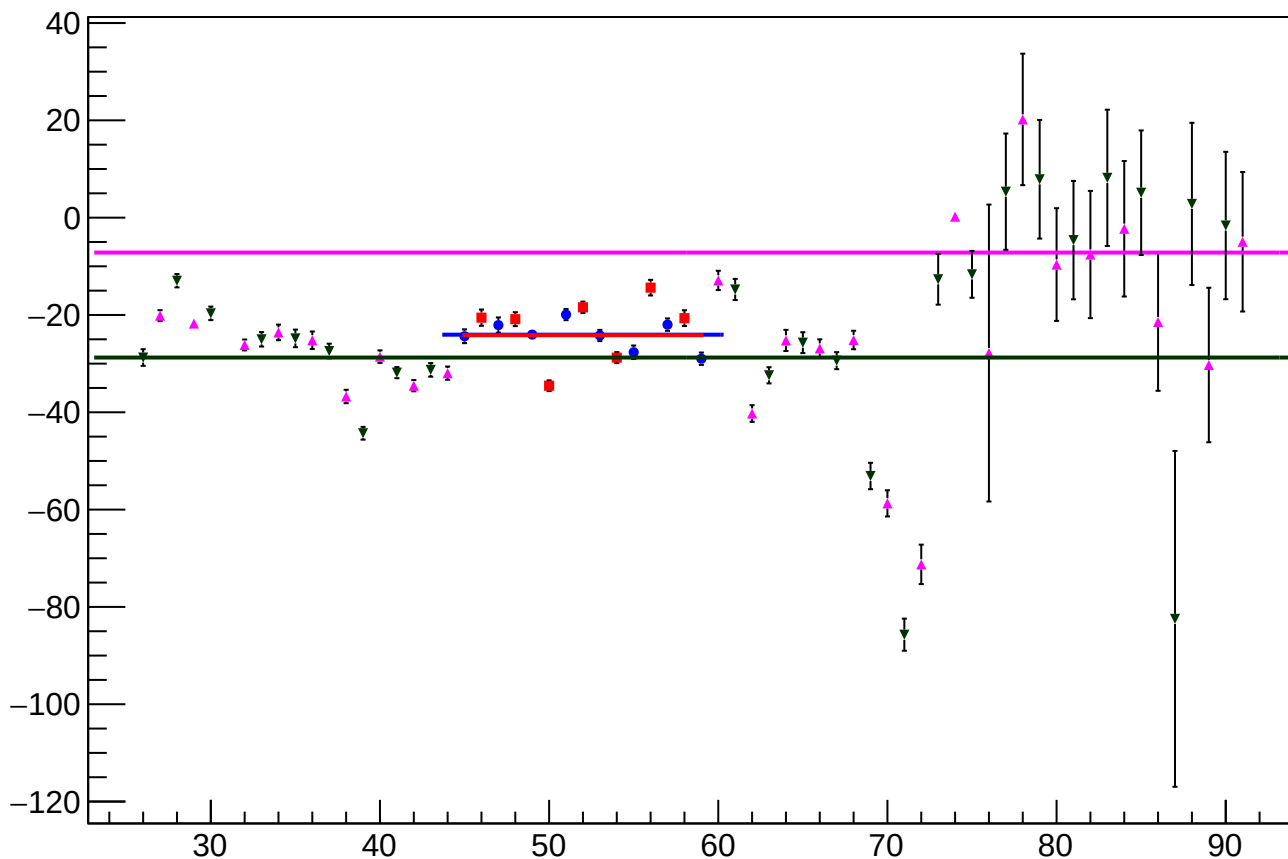
-47.374 ± 0.040 χ^2/NDF : 278466.4/32

Right Out: -61.301 ± 0.072 χ^2/NDF : 41878.5/6

-19.371 ± 0.026 χ^2/NDF : 965583.8/31

Left In: -13.105 ± 0.028 χ^2/NDF : 537391.8/24

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.050 ± 0.418 χ^2/NDF : 38.9/7

Left Out: -28.749 ± 0.411 χ^2/NDF : 832.5/24

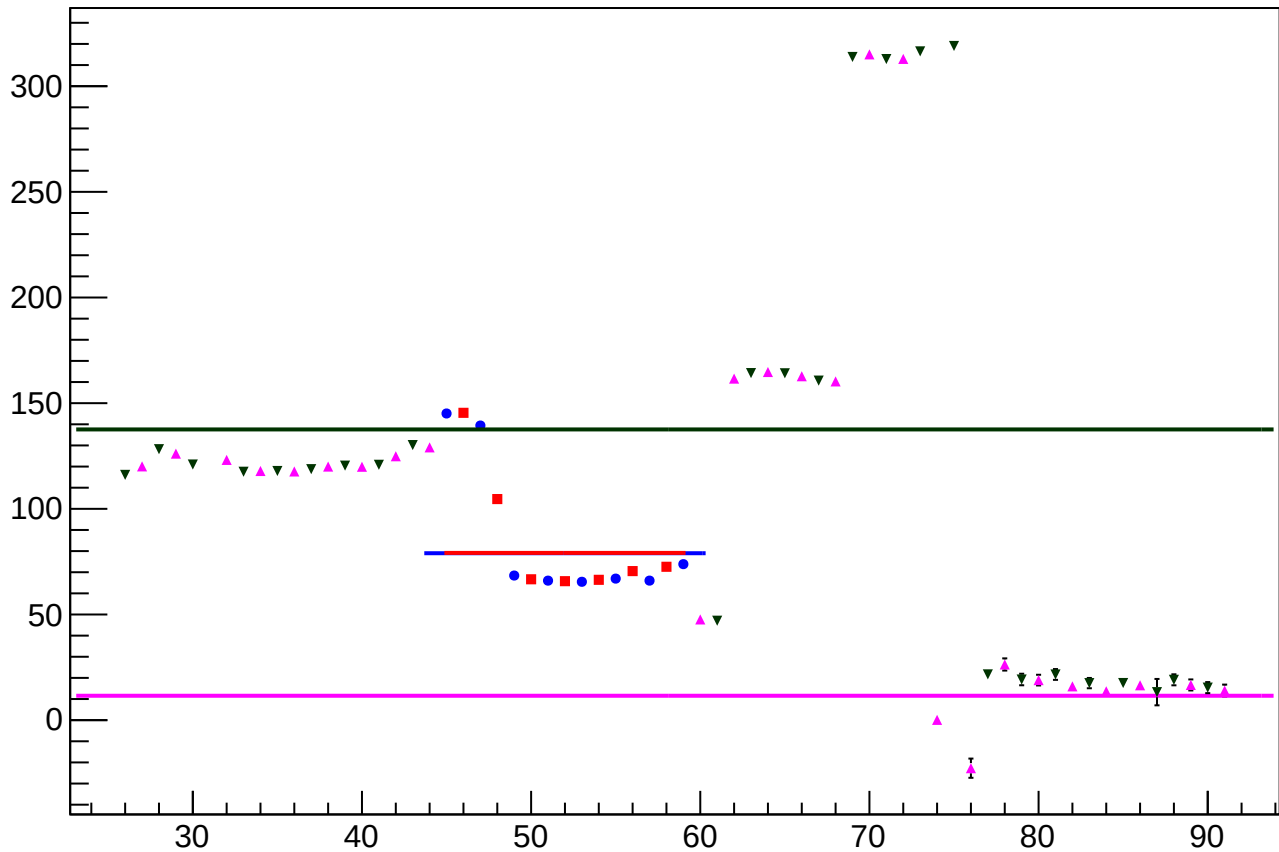
Right Out: -24.159 ± 0.503 χ^2/NDF : 181.1/6

Left In: -7.174 ± 0.190 χ^2/NDF : 4841.1/24

-26.439 ± 0.293 χ^2/NDF : 935.5/32

-9.290 ± 0.178 χ^2/NDF : 6019.3/31

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 78.993 $\pm$ 0.080 χ^2/NDF : 111070.2/7

Left Out: 137.573 $\pm$ 0.075 χ^2/NDF : 507116.7/24

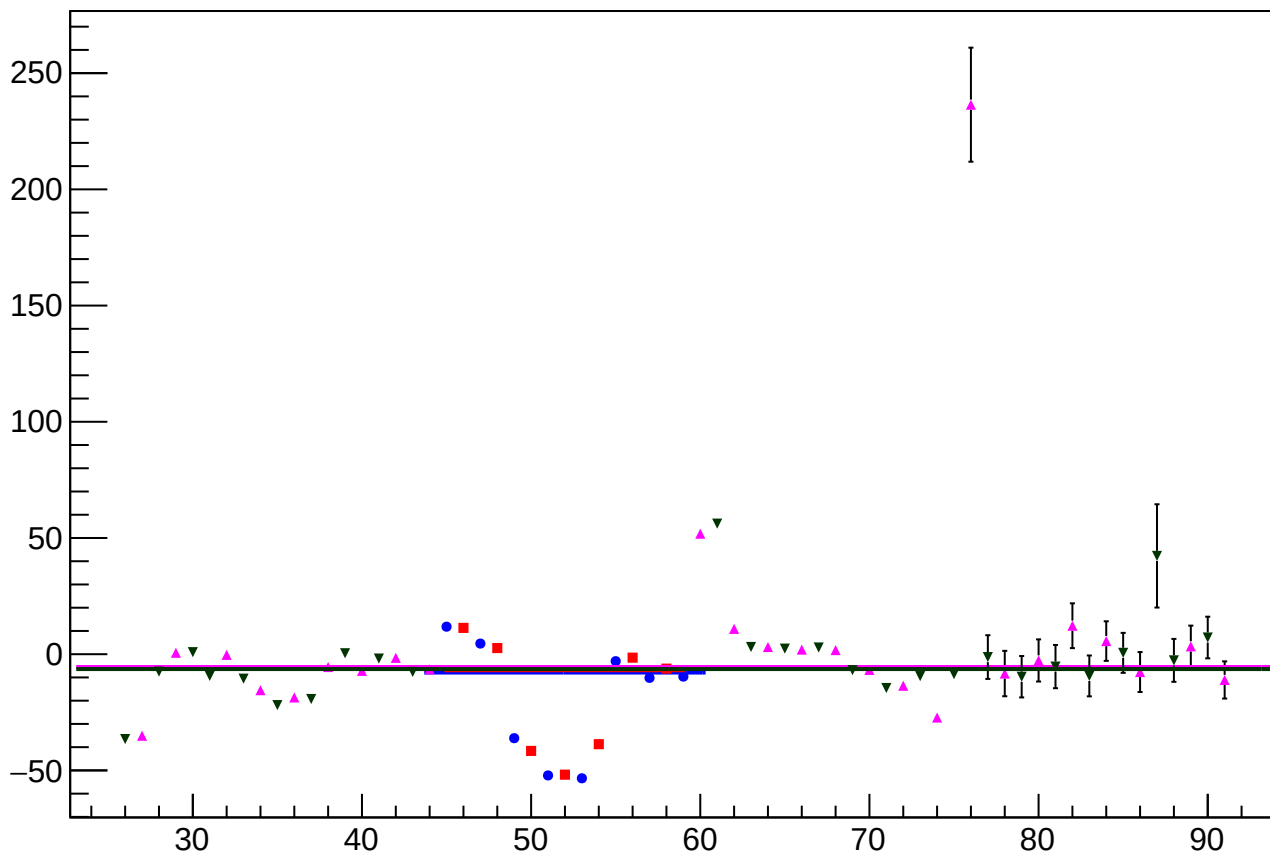
Right Out: 79.144 $\pm$ 0.093 χ^2/NDF : 63498.9/6

Left In: 11.549 $\pm$ 0.022 χ^2/NDF : 3231525.9/24

110.378 $\pm$ 0.055 χ^2/NDF : 904045.4/32

15.052 $\pm$ 0.021 χ^2/NDF : 3791625.7/31

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -7.893+/-0.231 χ^2/NDF : 8622.2/7

Left Out: -6.398+/-0.157 χ^2/NDF : 3904.3/25

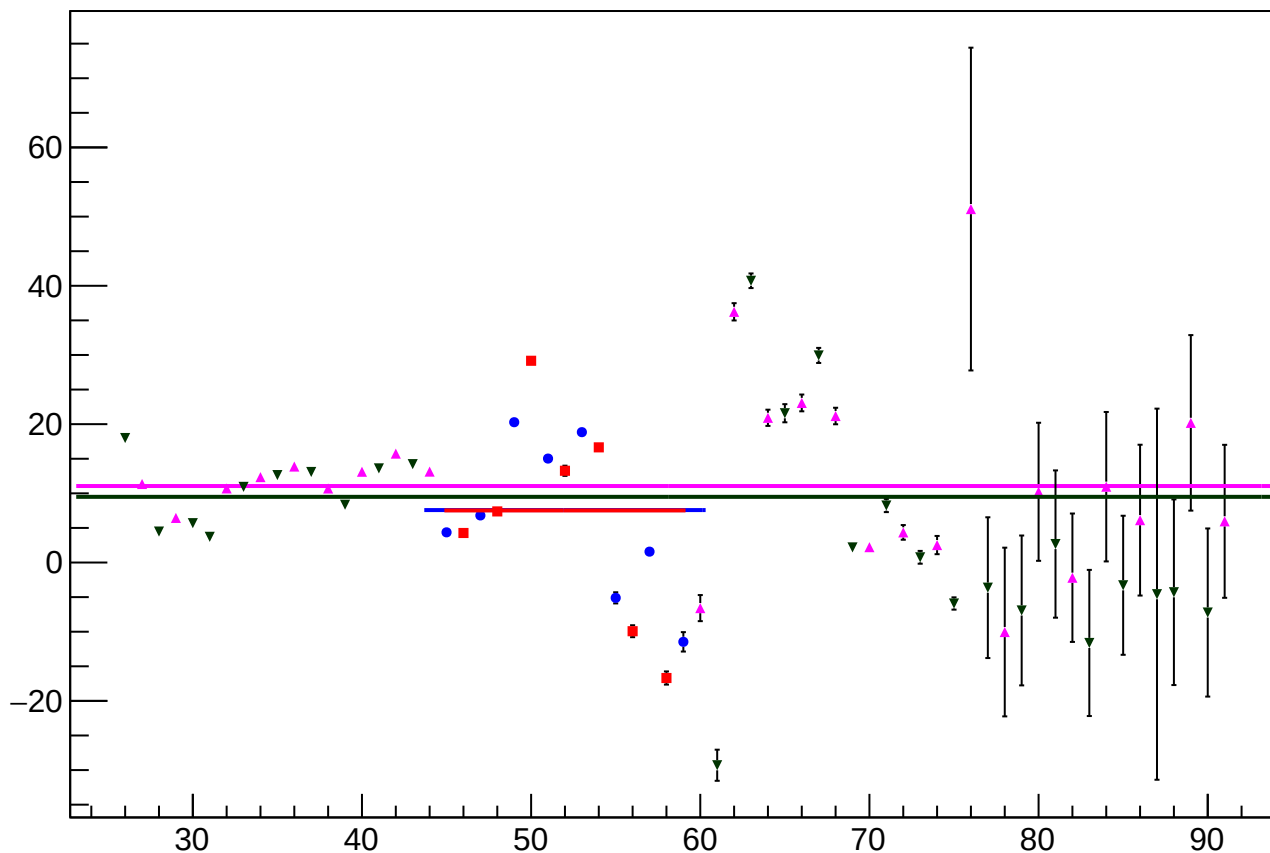
Right Out: -6.894+/-0.268 χ^2/NDF : 5972.9/6

Left In: -5.511+/-0.152 χ^2/NDF : 5379.7/24

-6.867+/-0.130 χ^2/NDF : 12555.2/33

-5.847+/-0.132 χ^2/NDF : 11372.7/31

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 7.581 ± 0.182 $\chi^2/\text{NDF}: 1618.5/7$

Left Out: 9.495 ± 0.132 $\chi^2/\text{NDF}: 3022.1/25$

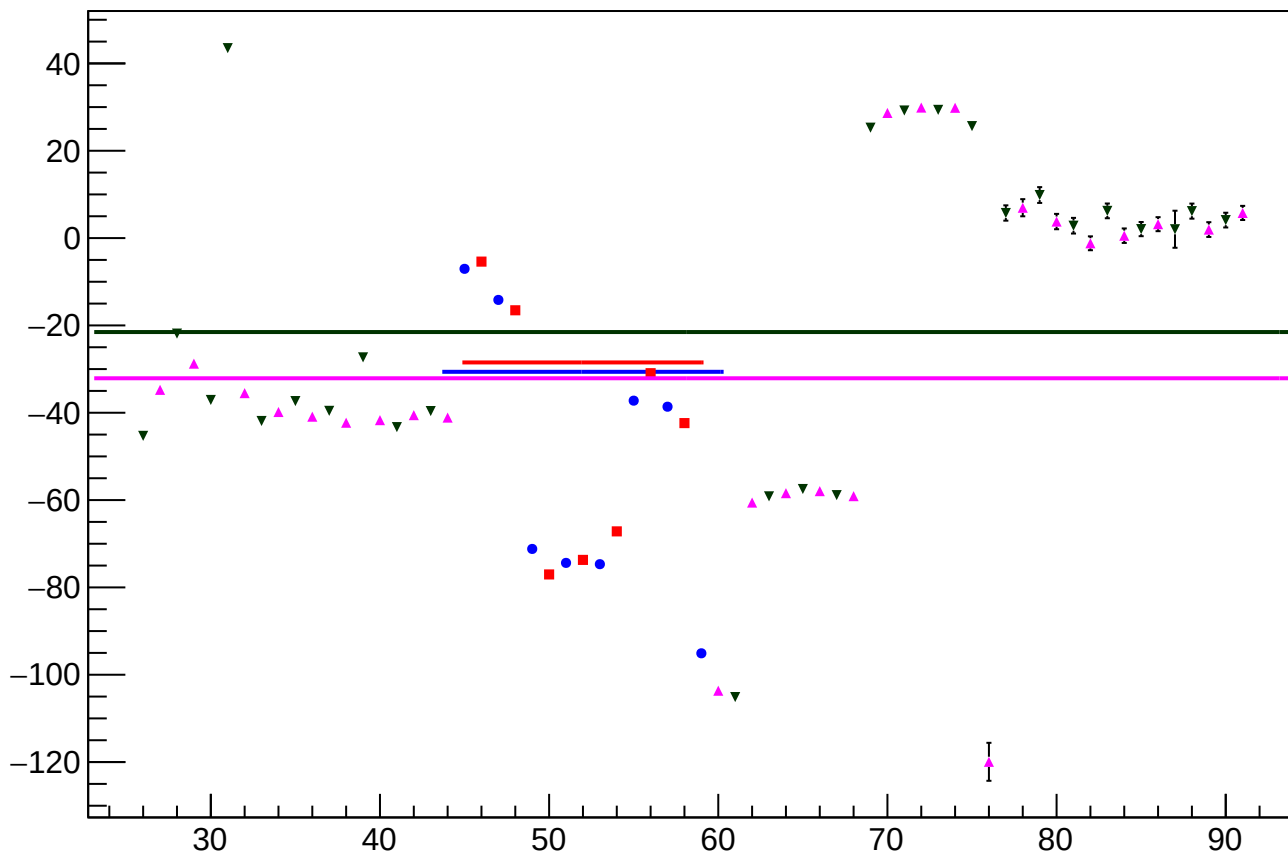
Right Out: 7.531 ± 0.216 $\chi^2/\text{NDF}: 2267.8/6$

Left In: 11.058 ± 0.124 $\chi^2/\text{NDF}: 1571.6/24$

8.837 ± 0.107 $\chi^2/\text{NDF}: 4713.3/33$

10.180 ± 0.108 $\chi^2/\text{NDF}: 4039.6/31$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -30.625 $\pm$ 0.040 χ^2 /NDF: 464703.9/7

Left Out: -21.517 $\pm$ 0.027 χ^2 /NDF:1432590.4/25

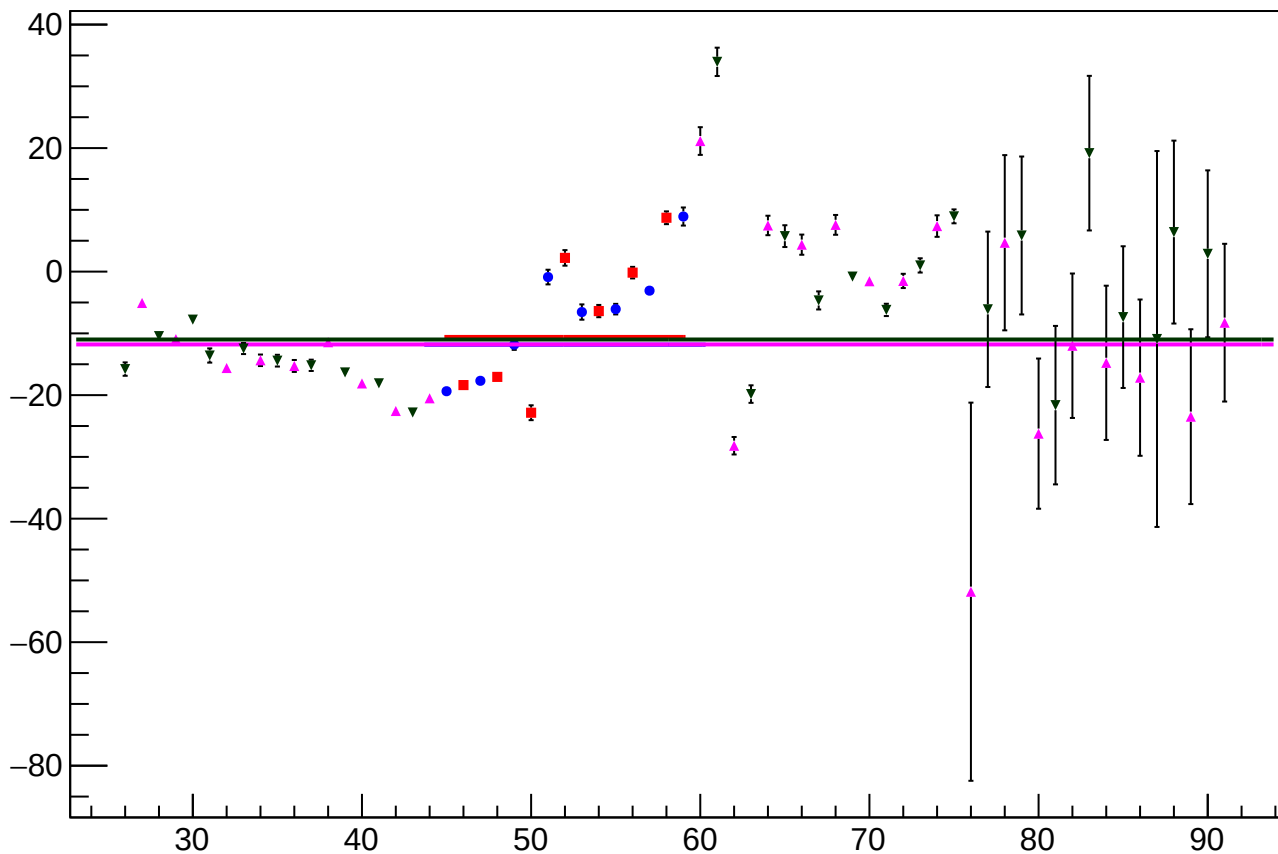
Right Out: -28.479 $\pm$ 0.045 χ^2 /NDF: 311422.7/6

Left In: -32.105 $\pm$ 0.027 χ^2 /NDF:873886.6/24

-24.369 $\pm$ 0.022 χ^2 /NDF: 1933298.4/33

-31.167 $\pm$ 0.023 χ^2 /NDF: 1190123.4/31

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -11.827 ± 0.284 $\chi^2/\text{NDF}: 761.7/7$

Left Out: -10.992 ± 0.207 $\chi^2/\text{NDF}: 1653.4/25$

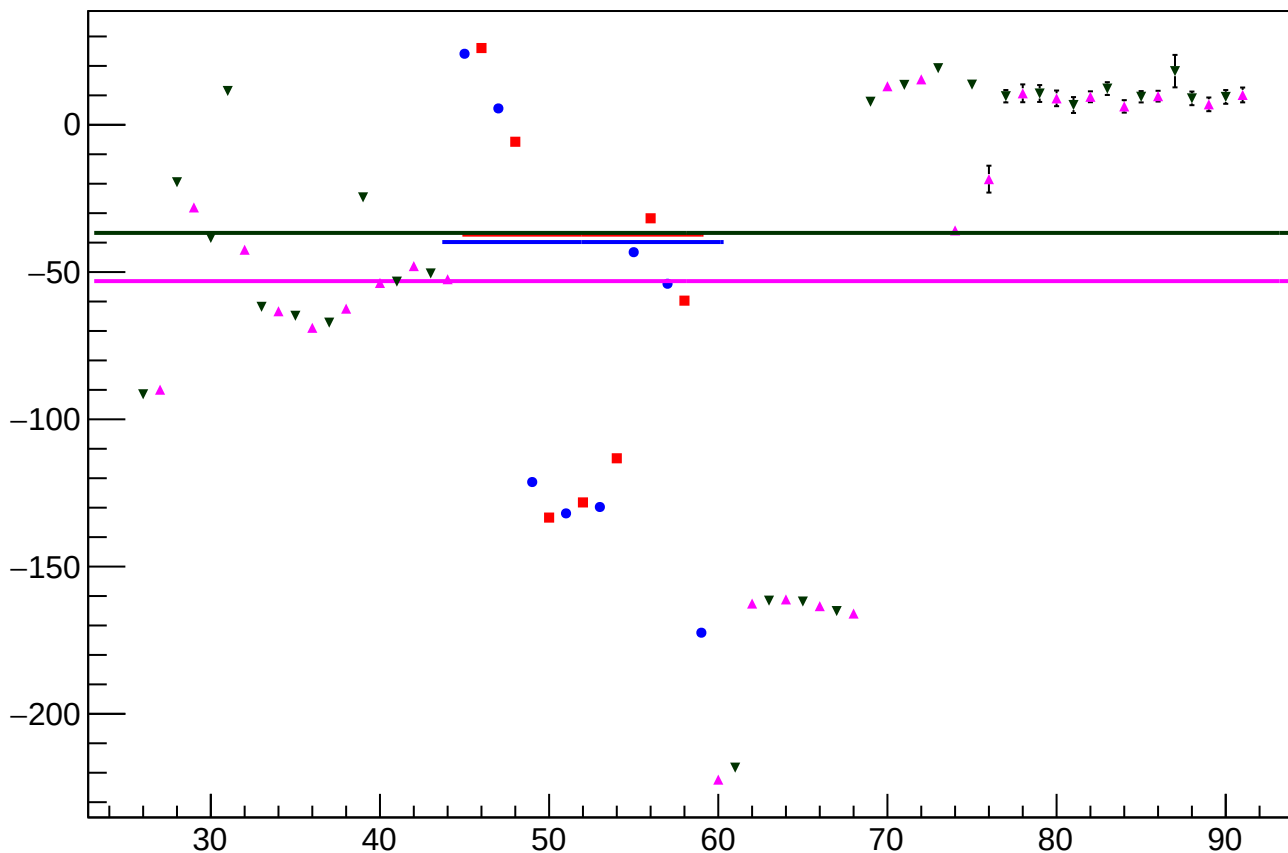
Right Out: -10.576 ± 0.331 $\chi^2/\text{NDF}: 940.1/6$

Left In: -11.793 ± 0.199 $\chi^2/\text{NDF}: 1822.9/24$

-11.283 ± 0.167 $\chi^2/\text{NDF}: 2420.7/33$

-11.471 ± 0.170 $\chi^2/\text{NDF}: 2772.9/31$

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -39.806 ± 0.055 $\chi^2/\text{NDF}: 1308354.8/7$

Left Out: -36.702 ± 0.037 $\chi^2/\text{NDF}: 1538362.7/25$

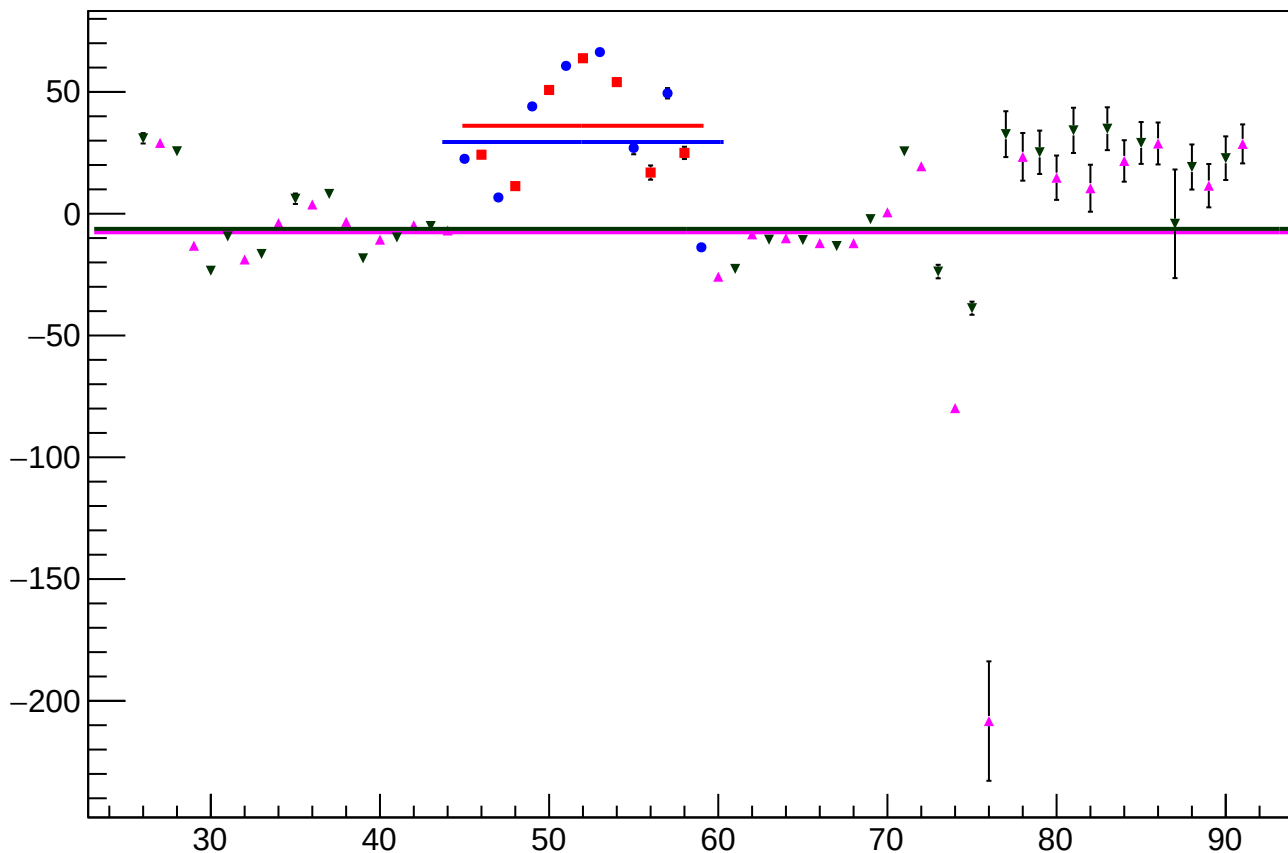
Right Out: -37.295 ± 0.063 $\chi^2/\text{NDF}: 825660.5/6$

Left In: -53.073 ± 0.040 $\chi^2/\text{NDF}: 1270258.4/24$

-37.653 ± 0.031 $\chi^2/\text{NDF}: 2848896.3/33$

-48.599 ± 0.034 $\chi^2/\text{NDF}: 2140837.3/31$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 29.445+/-0.538 χ^2/NDF : 2379.1/7

Left Out: -6.215+/-0.330 χ^2/NDF : 1924.2/25

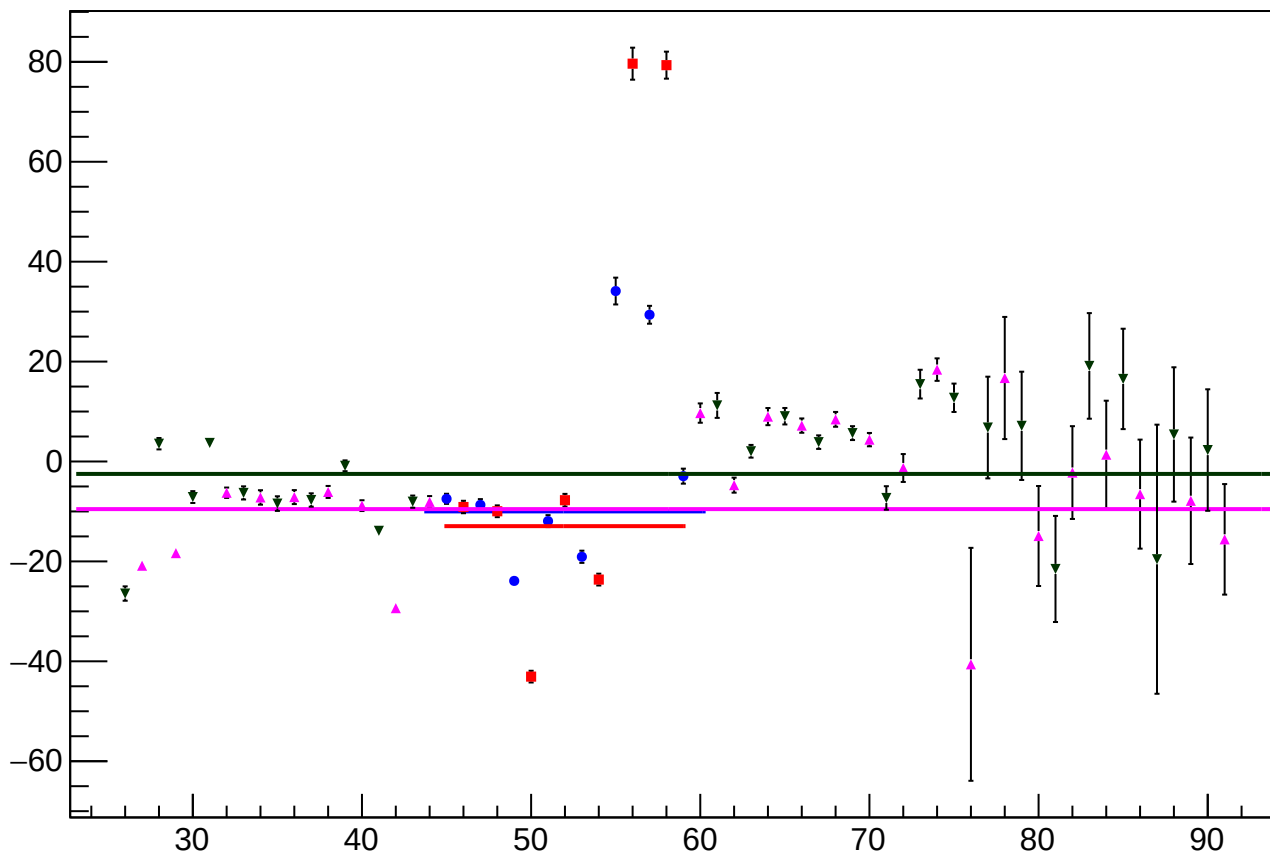
Right Out: 36.106+/-0.678 χ^2/NDF : 849.8/6

Left In: -7.623+/-0.331 χ^2/NDF : 2719.0/24

3.542+/-0.281 χ^2/NDF : 7499.8/33

0.813+/-0.298 χ^2/NDF : 6927.0/31

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -9.990 ± 0.436 χ^2/NDF : 1085.7/7

Left Out: -2.489 ± 0.299 χ^2/NDF : 856.6/25

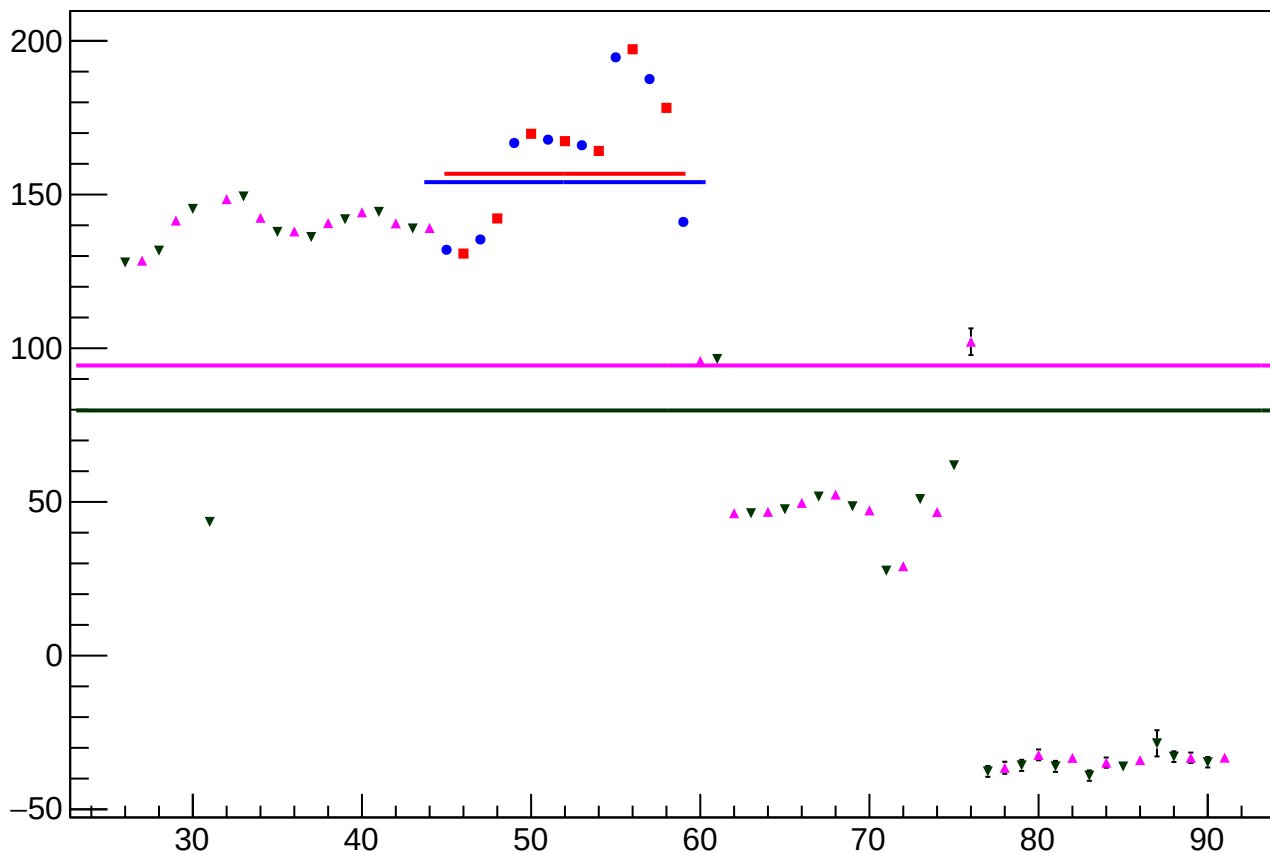
Right Out: -12.945 ± 0.523 χ^2/NDF : 2772.1/6

Left In: -9.533 ± 0.297 χ^2/NDF : 1586.3/24

-4.889 ± 0.247 χ^2/NDF : 2143.2/33

-10.364 ± 0.258 χ^2/NDF : 4390.7/31

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 154.038 ± 0.096 χ^2/NDF : 41485.2/7

Left Out: 79.763 ± 0.054 χ^2/NDF : 744152.5/25

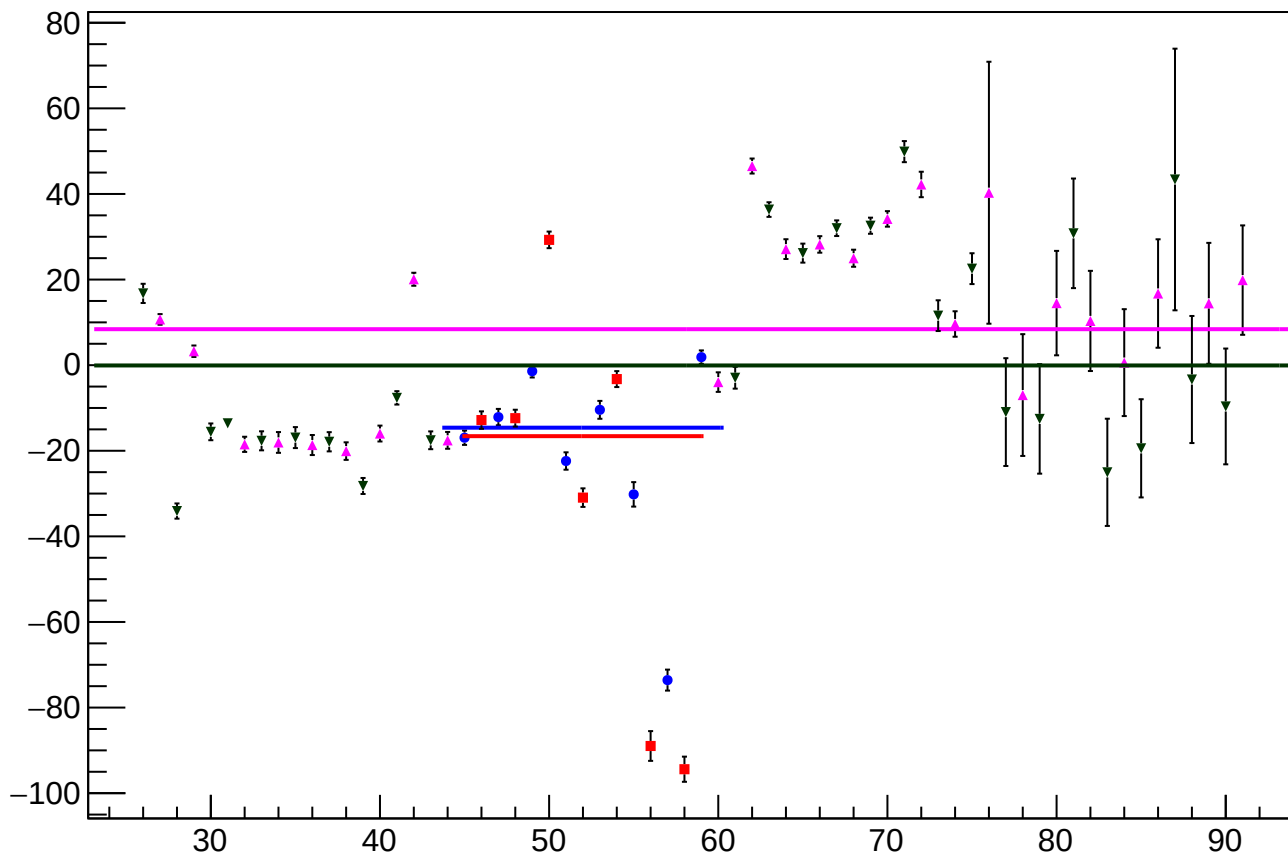
Right Out: 156.762 ± 0.116 χ^2/NDF : 26073.7/6

Left In: 94.392 ± 0.057 χ^2/NDF : 674038.9/24

97.417 ± 0.047 χ^2/NDF : 1241083.7/33

106.612 ± 0.052 χ^2/NDF : 931124.8/31

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.605 $\pm$ 0.665 χ^2 /NDF: 821.3/7

Left Out: -0.068 $\pm$ 0.463 χ^2 /NDF: 2798.4/25

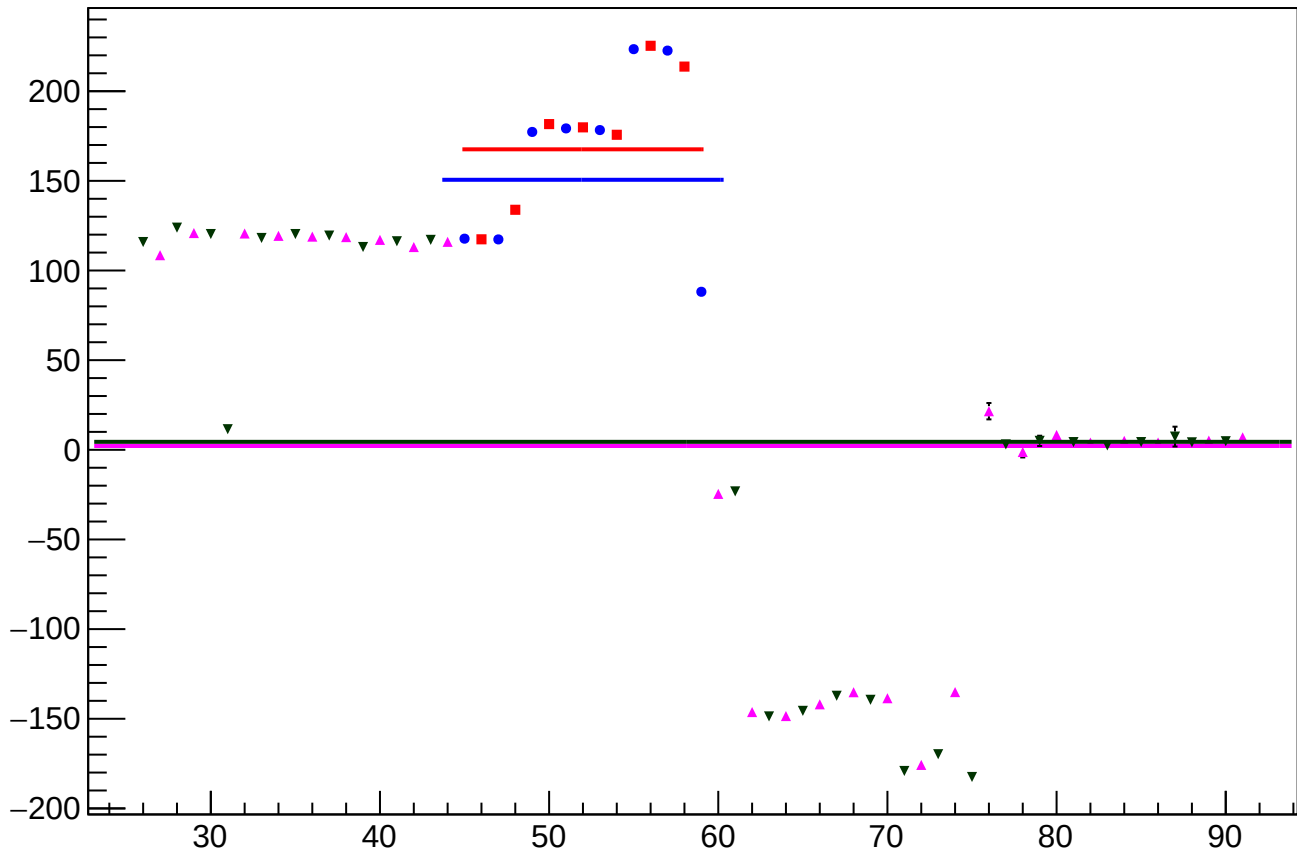
Right Out: -16.588 $\pm$ 0.826 χ^2 /NDF: 1798.3/6

Left In: 8.406 $\pm$ 0.452 χ^2 /NDF: 2177.9/24

-4.809 $\pm$ 0.380 χ^2 /NDF: 3941.3/33

2.653 $\pm$ 0.396 χ^2 /NDF: 4680.5/31

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 150.596 $\pm$ 0.128 χ^2 /NDF: 120836.0/7

Left Out: 4.447 $\pm$ 0.083 χ^2 /NDF: 2129104.8/25

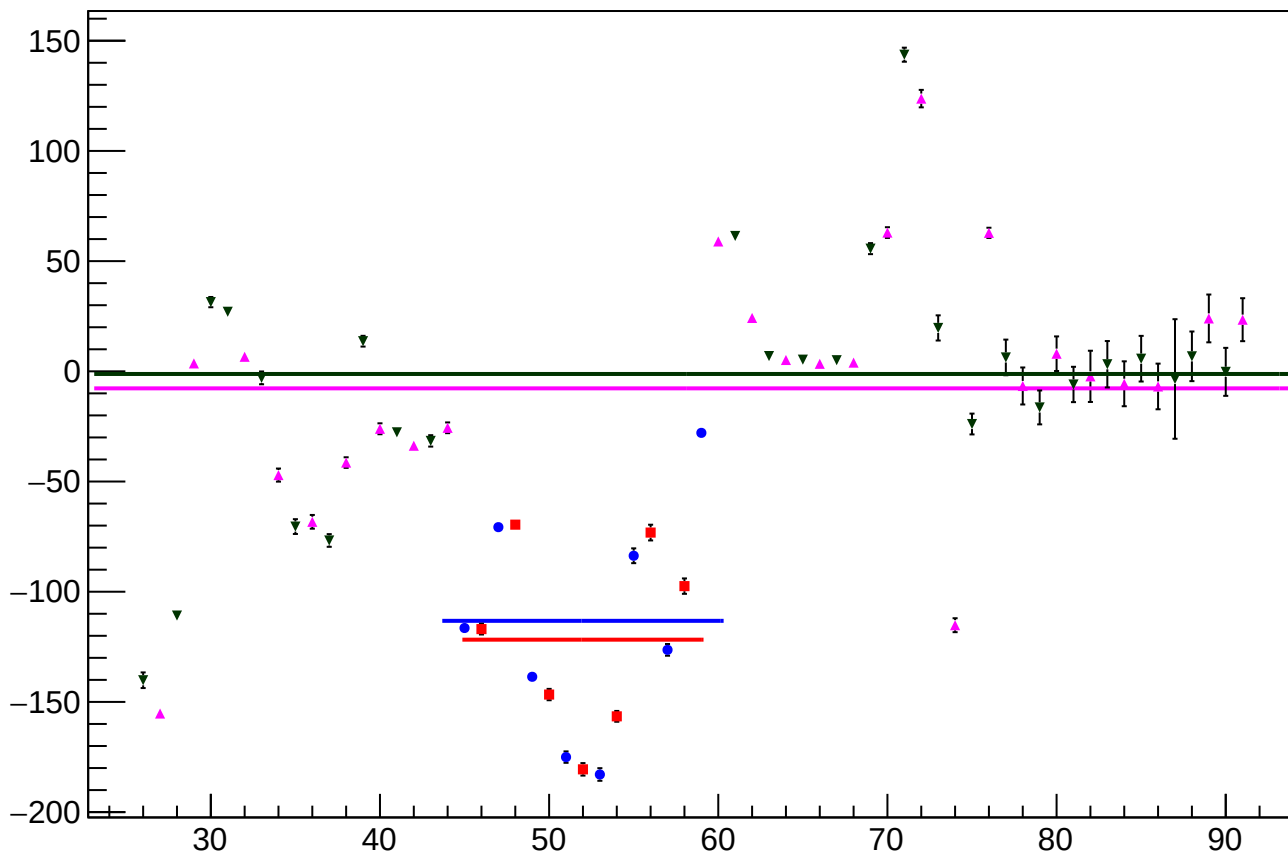
Right Out: 167.583 $\pm$ 0.156 χ^2 /NDF: 43788.3/6

Left In: 2.129 $\pm$ 0.087 χ^2 /NDF: 2070418.3/24

47.564 $\pm$ 0.070 χ^2 /NDF: 3168056.5/33

41.619 $\pm$ 0.076 χ^2 /NDF: 2970613.3/31

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -113.209 ± 0.812 χ^2/NDF : 3422.6/7

Left Out: -1.201 ± 0.559 χ^2/NDF : 9860.9/25

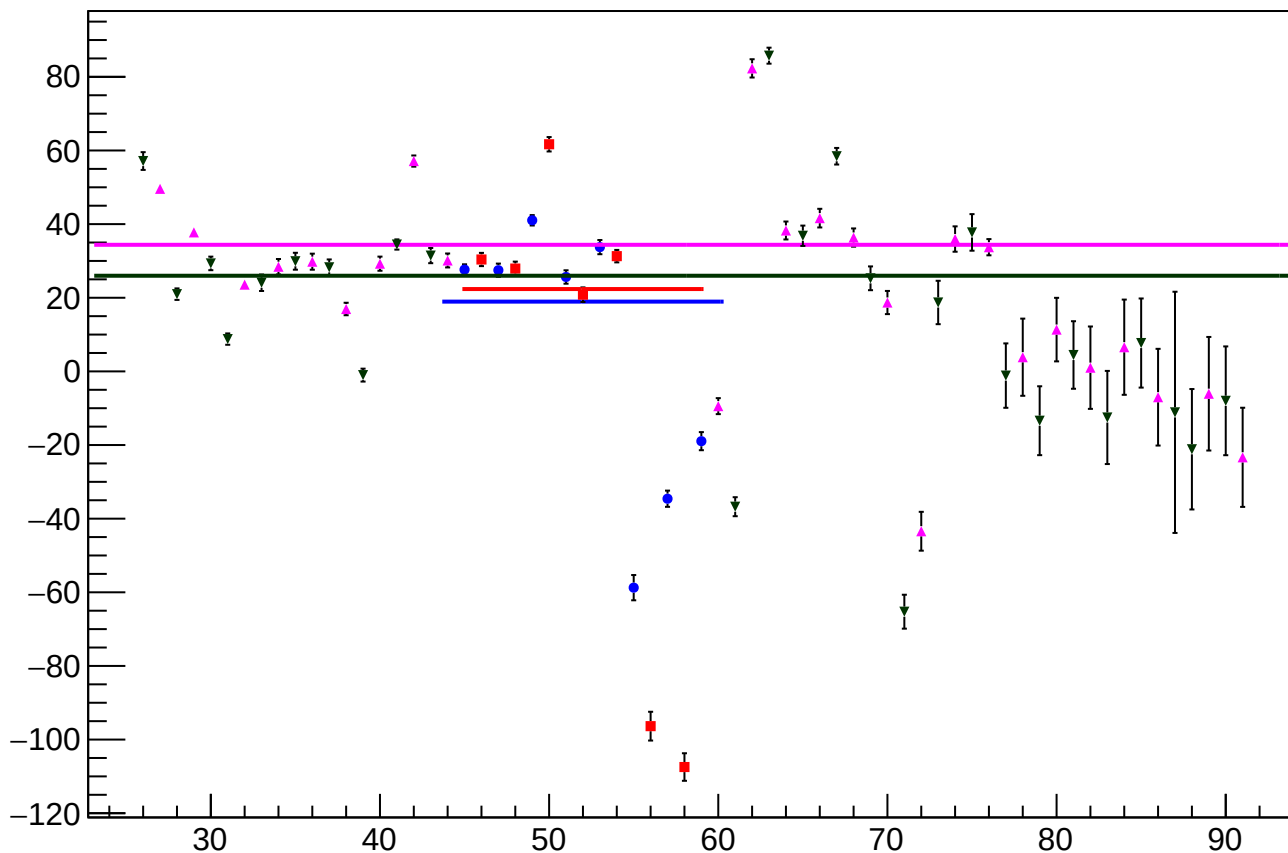
Right Out: -121.756 ± 1.019 χ^2/NDF : 1494.2/6

Left In: -7.730 ± 0.508 χ^2/NDF : 12434.1/24

-37.193 ± 0.460 χ^2/NDF : 26200.1/33

-30.412 ± 0.454 χ^2/NDF : 23962.3/31

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 18.950 ± 0.657 $\chi^2/\text{NDF}: 1716.6/7$

Left Out: 25.979 ± 0.503 $\chi^2/\text{NDF}: 2620.8/25$

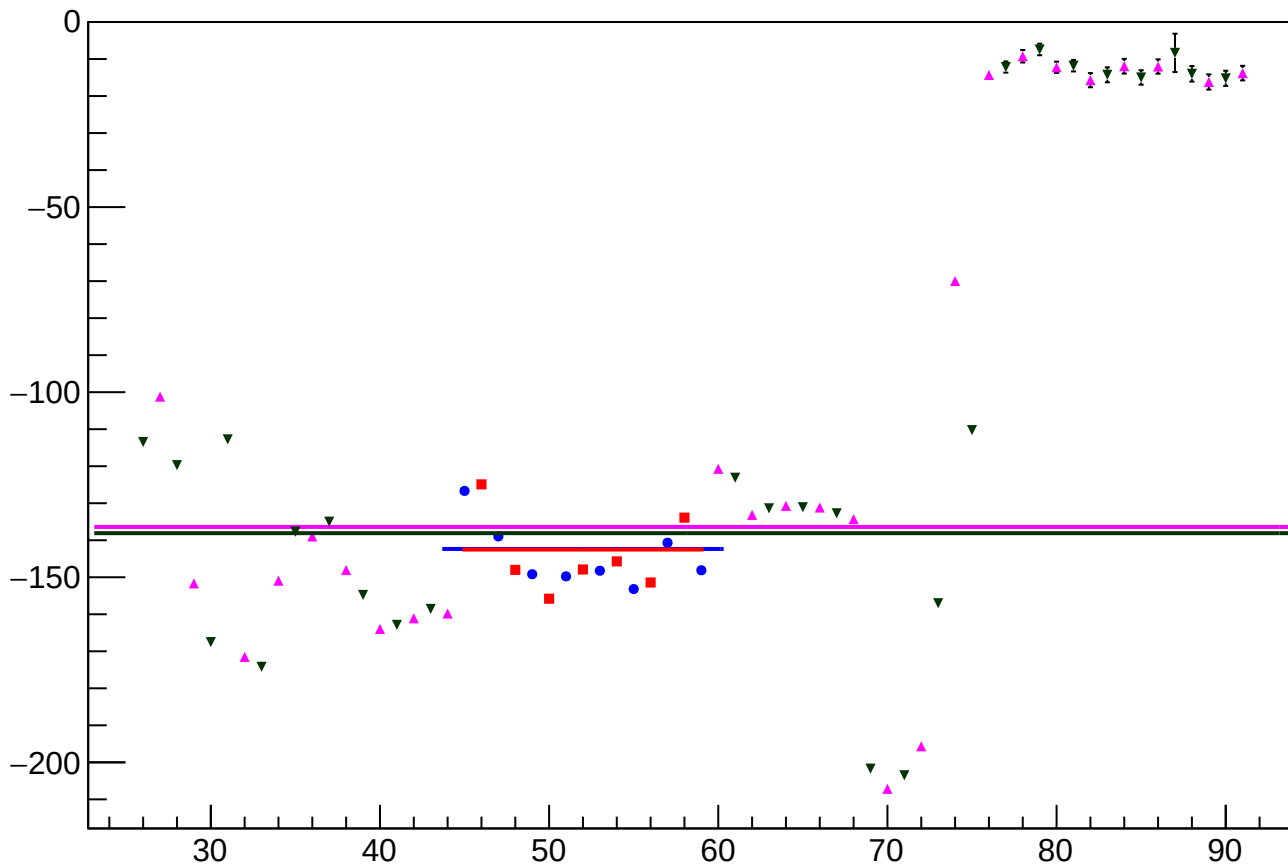
Right Out: 22.364 ± 0.793 $\chi^2/\text{NDF}: 2587.9/6$

Left In: 34.382 ± 0.446 $\chi^2/\text{NDF}: 1681.1/24$

23.377 ± 0.400 $\chi^2/\text{NDF}: 4409.6/33$

31.487 ± 0.389 $\chi^2/\text{NDF}: 4443.6/31$

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -142.354 ± 0.144 χ^2/NDF : 3859.2/7

Left Out: -138.087 ± 0.093 χ^2/NDF : 106653.4/25

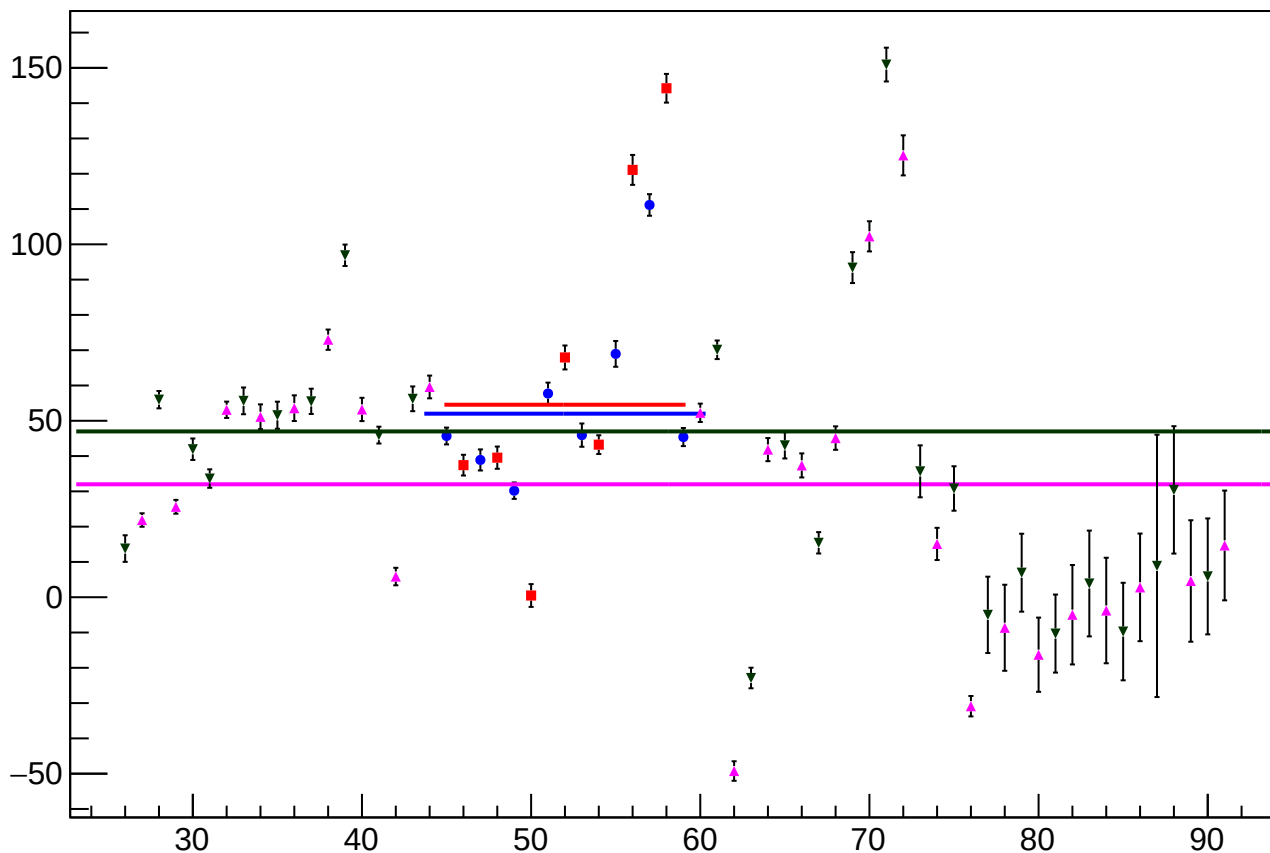
Right Out: -142.520 ± 0.173 χ^2/NDF : 3770.0/6

Left In: -136.401 ± 0.087 χ^2/NDF : 203205.8/24

-139.330 ± 0.078 χ^2/NDF : 111131.8/33

-137.638 ± 0.078 χ^2/NDF : 207974.6/31

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 52.011+/-0.998 χ^2/NDF : 523.9/7

Left Out: 46.981+/-0.768 χ^2/NDF : 1859.8/25

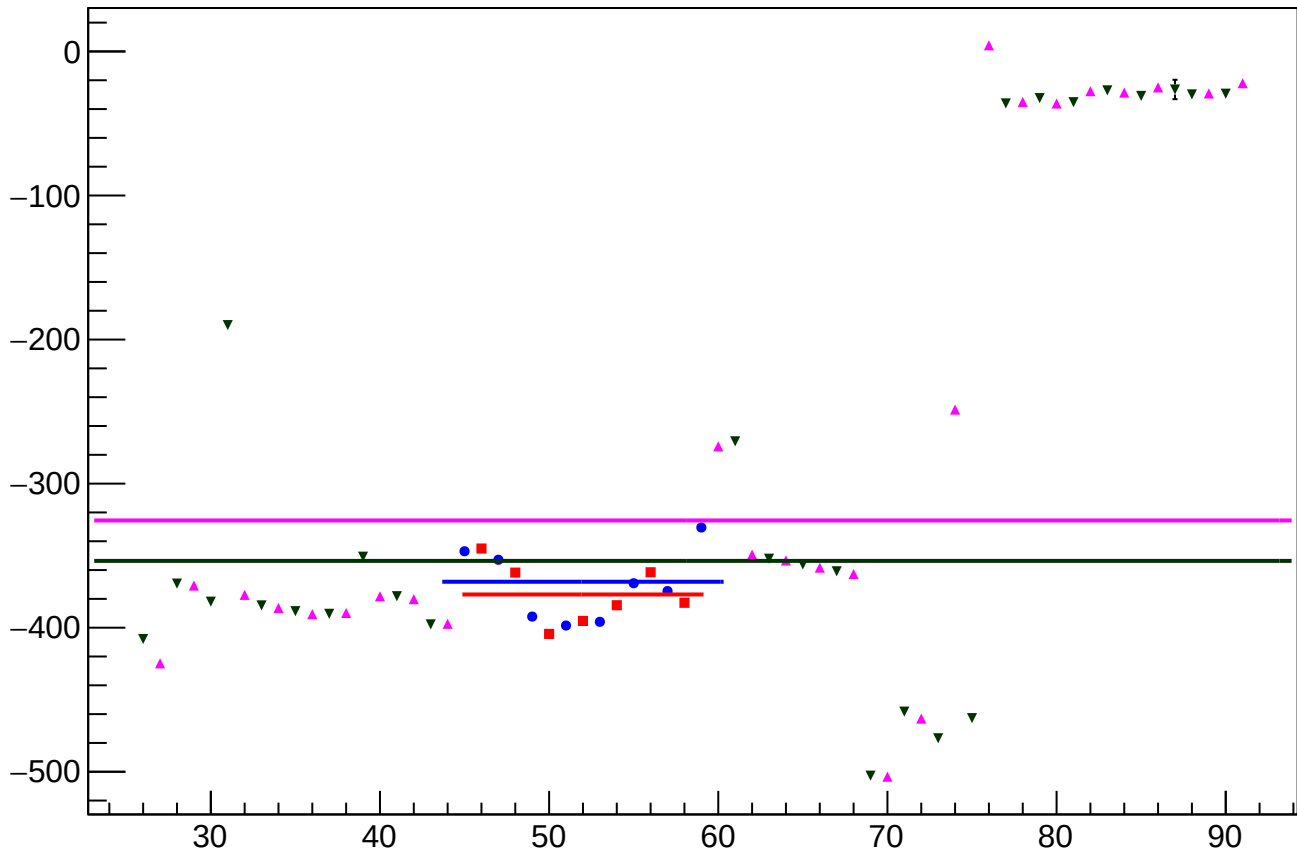
Right Out: 54.548+/-1.233 χ^2/NDF : 1103.1/6

Left In: 31.999+/-0.676 χ^2/NDF : 2643.3/24

48.851+/-0.609 χ^2/NDF : 2399.6/33

37.208+/-0.593 χ^2/NDF : 4003.4/31

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -368.110 $\pm$ 0.193 χ^2 /NDF: 16285.2/7

Left Out: -353.639 $\pm$ 0.140 χ^2 /NDF: 391874.6/25

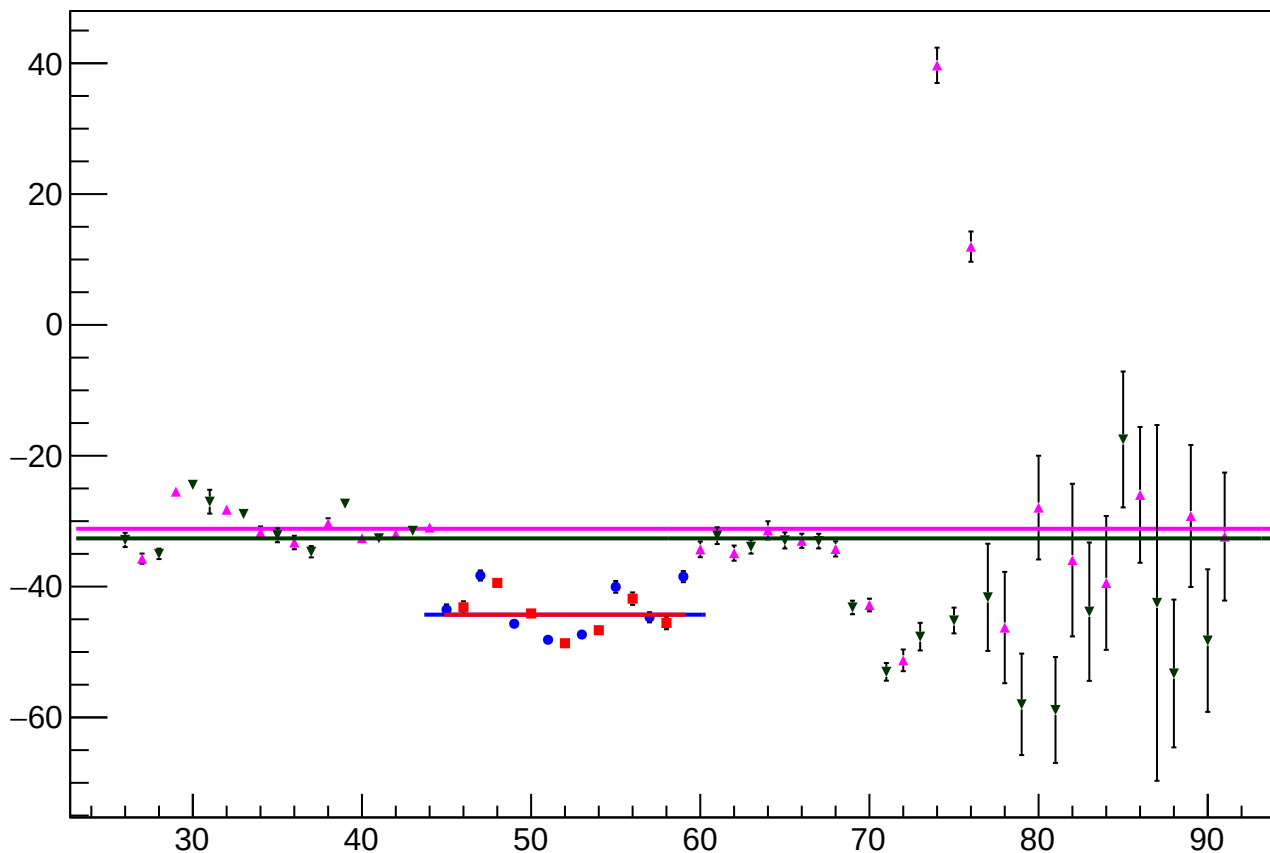
Right Out: -376.945 $\pm$ 0.235 χ^2 /NDF: 7526.7/6

Left In: -325.563 $\pm$ 0.130 χ^2 /NDF: 933966.2/24

-358.622 $\pm$ 0.114 χ^2 /NDF: 411827.6/33

-337.581 $\pm$ 0.113 χ^2 /NDF: 978257.8/31

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.293 ± 0.235 $\chi^2/\text{NDF}: 194.9/7$

Left Out: -32.634 ± 0.225 $\chi^2/\text{NDF}: 690.9/25$

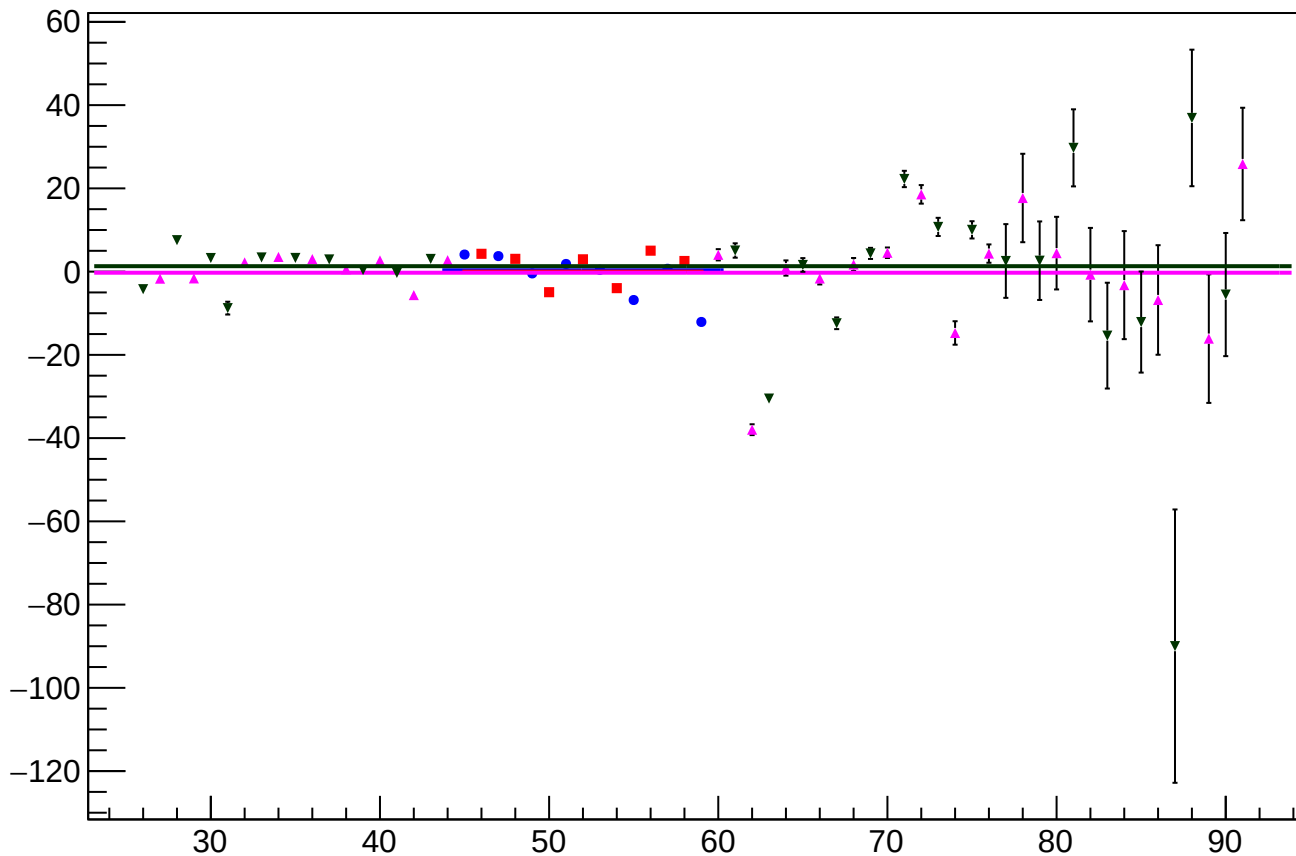
Right Out: -44.295 ± 0.287 $\chi^2/\text{NDF}: 112.7/6$

Left In: -31.162 ± 0.209 $\chi^2/\text{NDF}: 1522.4/24$

-38.211 ± 0.162 $\chi^2/\text{NDF}: 2172.0/33$

-35.712 ± 0.169 $\chi^2/\text{NDF}: 3005.9/31$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.323 ± 0.188 χ^2/NDF : 313.4/7

Left Out: 1.306 ± 0.183 χ^2/NDF : 1288.4/25

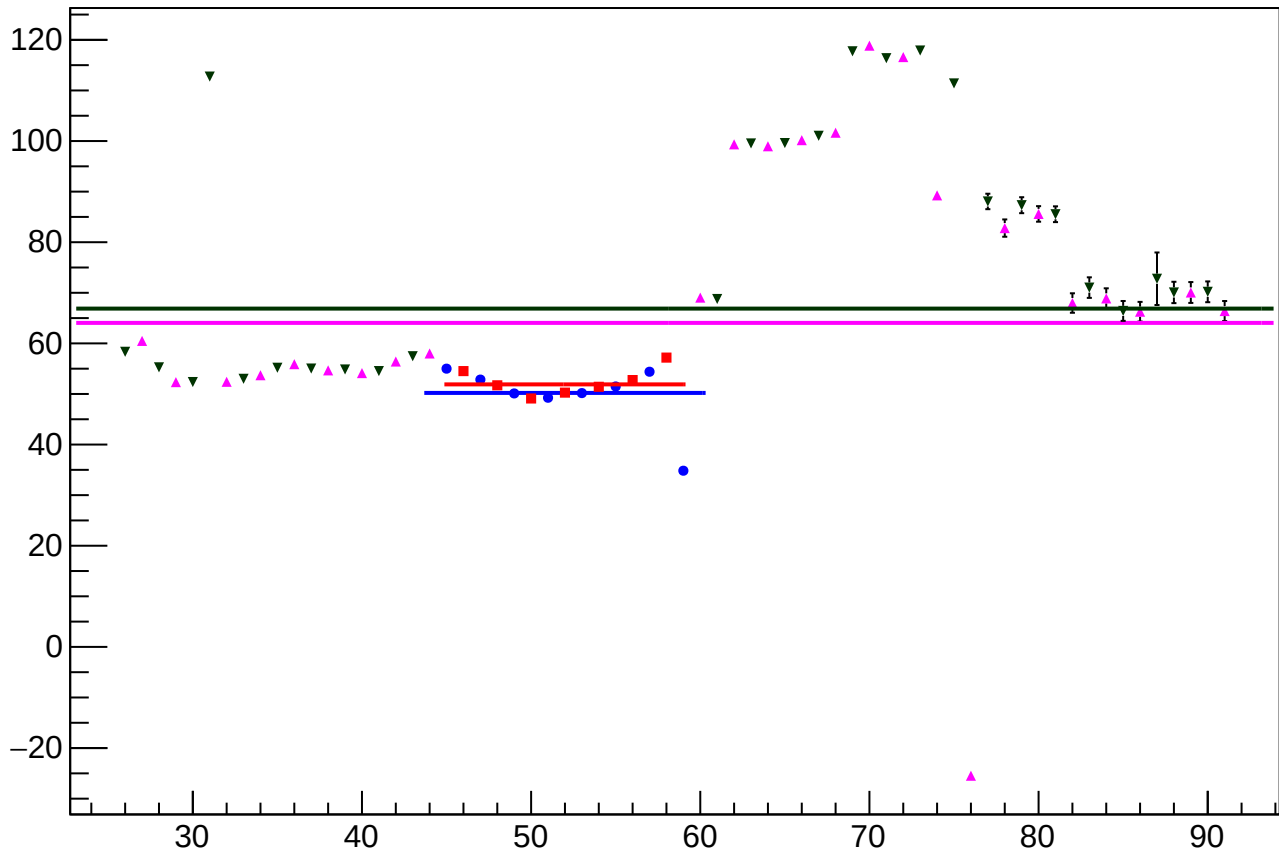
Right Out: -0.002 ± 0.223 χ^2/NDF : 313.0/6

Left In: -0.265 ± 0.167 χ^2/NDF : 1263.9/24

0.827 ± 0.131 χ^2/NDF : 1615.8/33

-0.171 ± 0.133 χ^2/NDF : 1577.8/31

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 50.208 $\pm$ 0.043 χ^2 /NDF: 12862.7/7

Left Out: 66.877 $\pm$ 0.038 χ^2 /NDF: 334126.0/25

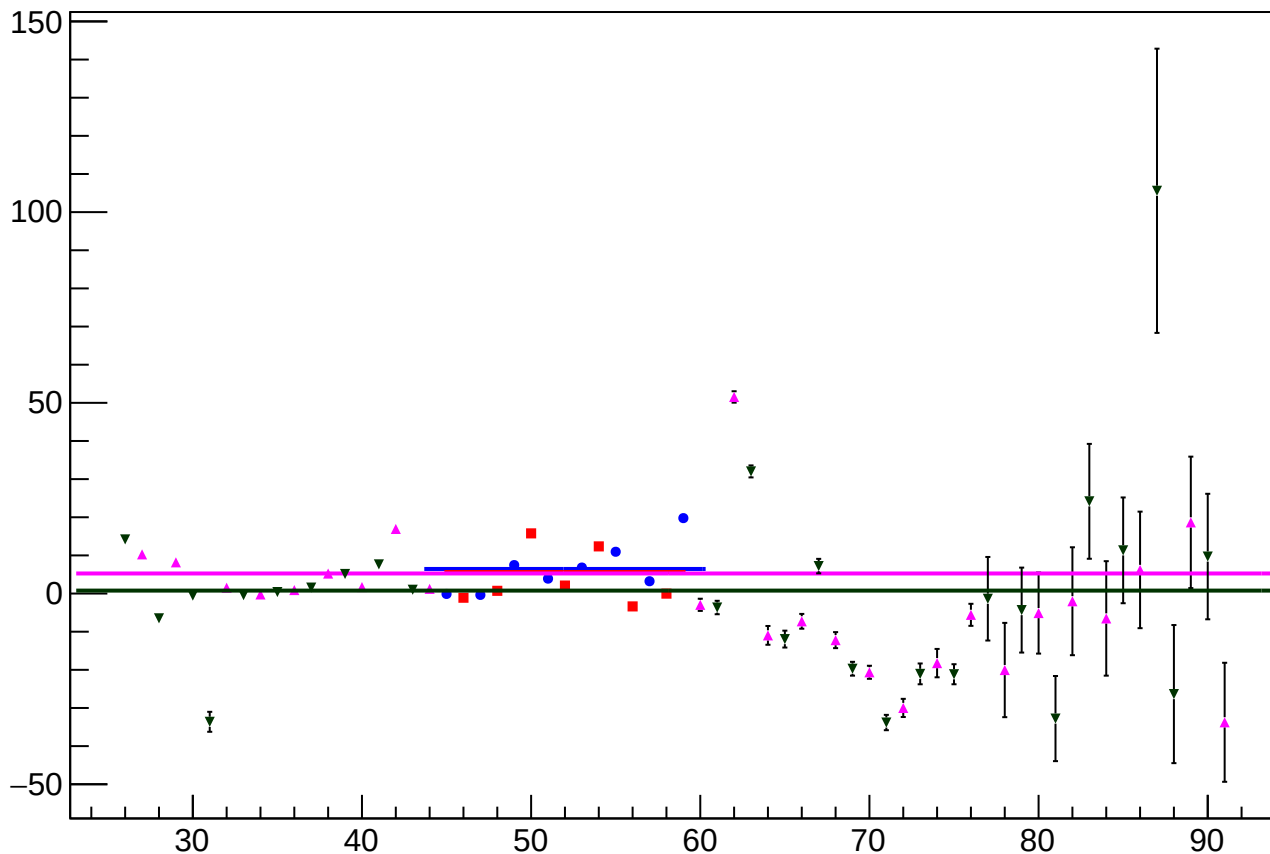
Right Out: 51.895 $\pm$ 0.050 χ^2 /NDF: 2209.9/6

Left In: 64.052 $\pm$ 0.036 χ^2 /NDF: 348729.2/24

59.544 $\pm$ 0.028 χ^2 /NDF: 432020.8/33

59.892 $\pm$ 0.029 χ^2 /NDF: 390137.2/31

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 6.447 $\pm$ 0.292 χ^2 /NDF: 310.9/7

Left Out: 0.774 $\pm$ 0.293 χ^2 /NDF:1496.4/25

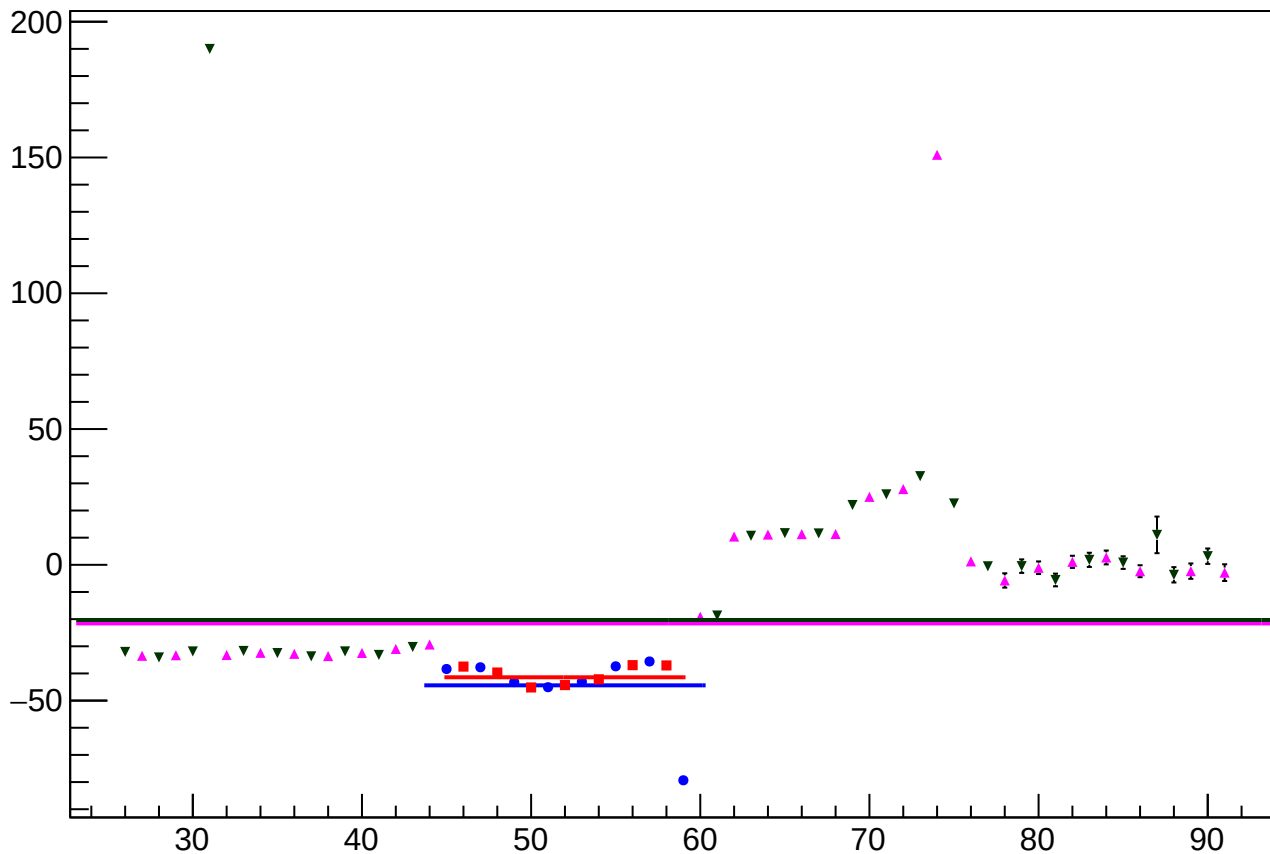
Right Out: 5.654 $\pm$ 0.348 χ^2 /NDF: 417.8/6

Left In: 5.263 $\pm$ 0.267 χ^2 /NDF:2021.3/24

3.623 $\pm$ 0.207 χ^2 /NDF: 1995.3/33

5.408 $\pm$ 0.212 χ^2 /NDF: 2439.9/31

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -44.380 ± 0.056 χ^2/NDF : 39630.2/7

Left Out: -20.312 ± 0.052 χ^2/NDF : 344503.2/25

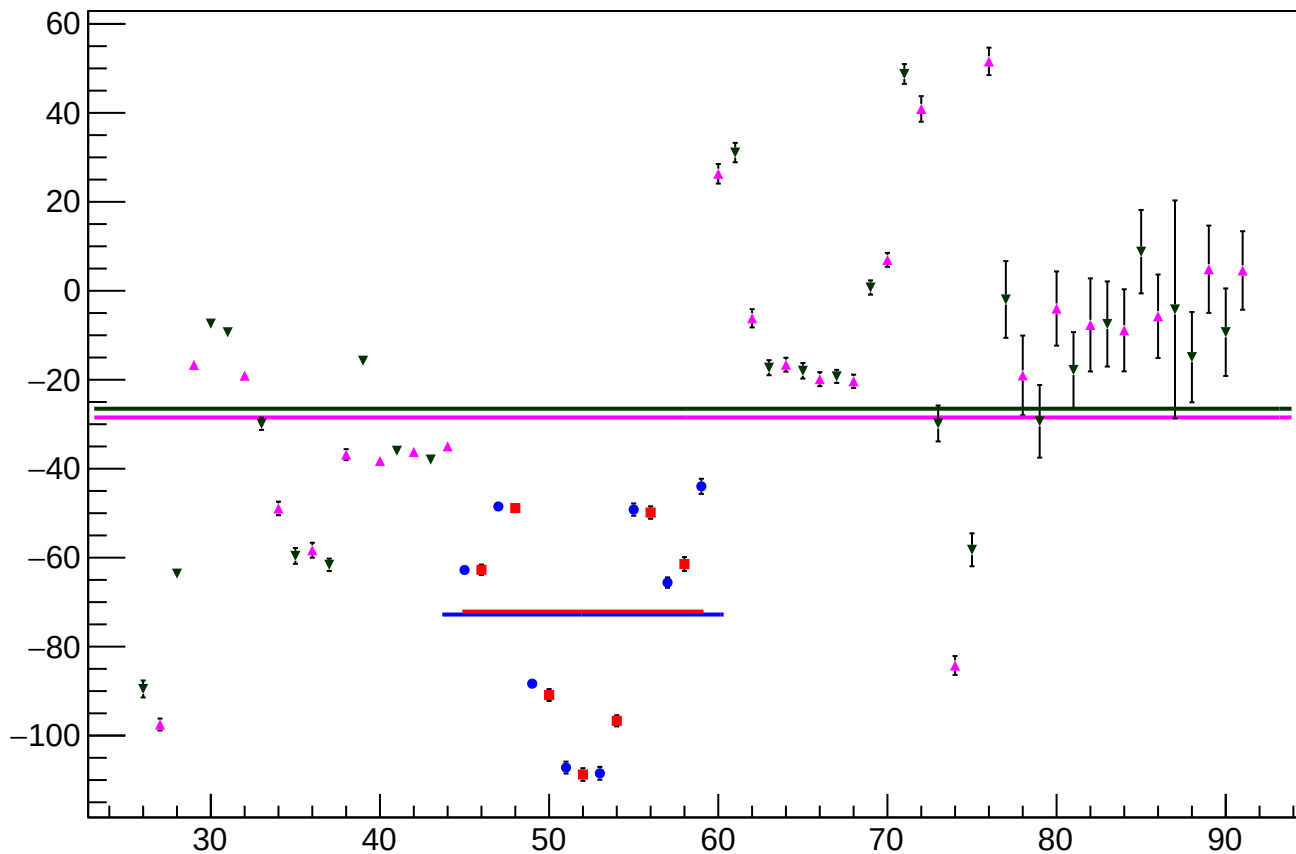
Right Out: -41.414 ± 0.064 χ^2/NDF : 2576.1/6

Left In: -21.572 ± 0.053 χ^2/NDF : 281464.5/24

-31.554 ± 0.038 χ^2/NDF : 482556.2/33

-29.606 ± 0.041 χ^2/NDF : 340413.8/31

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -72.786 $\pm$ 0.409 χ^2 /NDF: 2867.8/7

Left Out: -26.511 $\pm$ 0.320 χ^2 /NDF: 6611.3/25

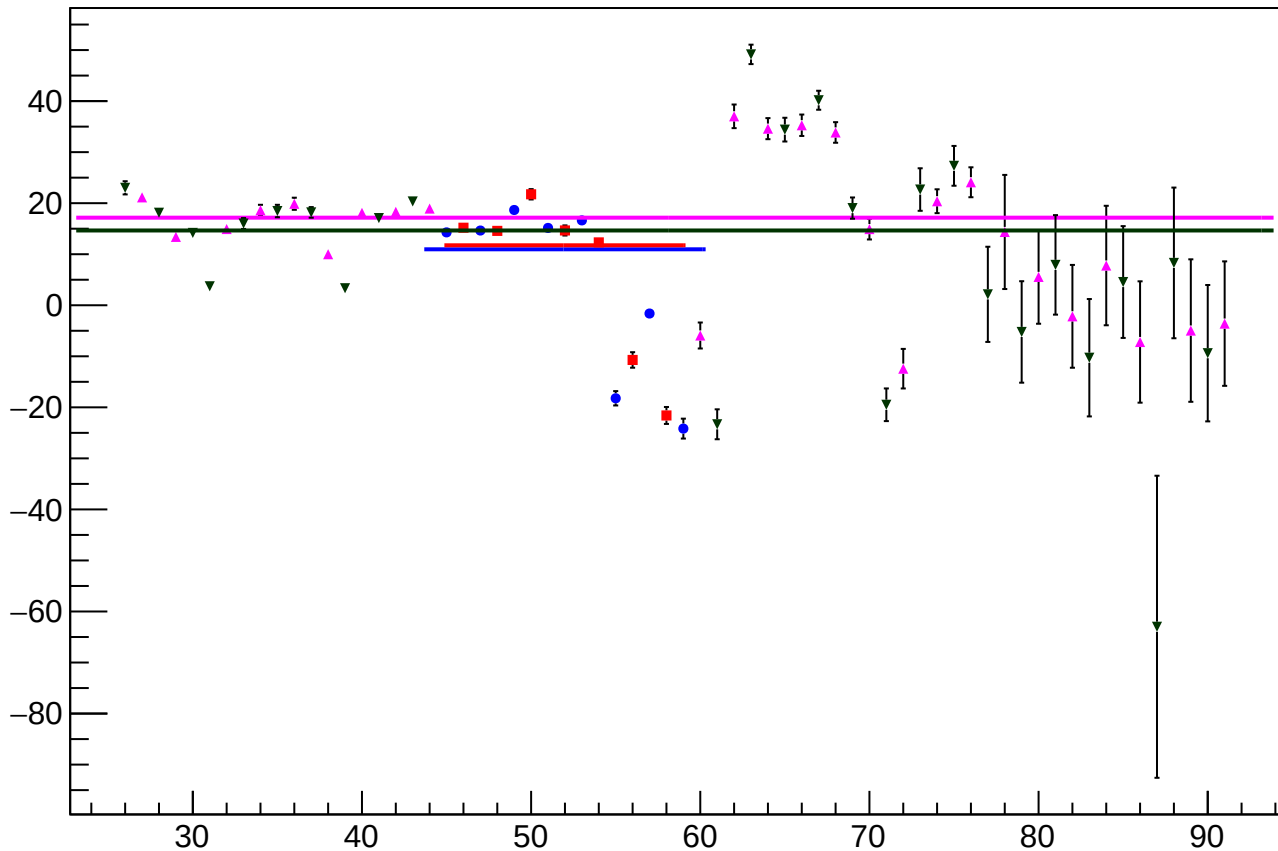
Right Out: -72.120 $\pm$ 0.484 χ^2 /NDF: 2108.2/6

Left In: -28.477 $\pm$ 0.311 χ^2 /NDF: 7067.0/24

-44.086 $\pm$ 0.252 χ^2 /NDF: 17426.3/33

-41.235 $\pm$ 0.262 χ^2 /NDF: 14932.8/31

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 10.963+/-0.325 χ^2/NDF : 1149.7/7

Left Out: 14.653+/-0.263 χ^2/NDF :1524.8/25

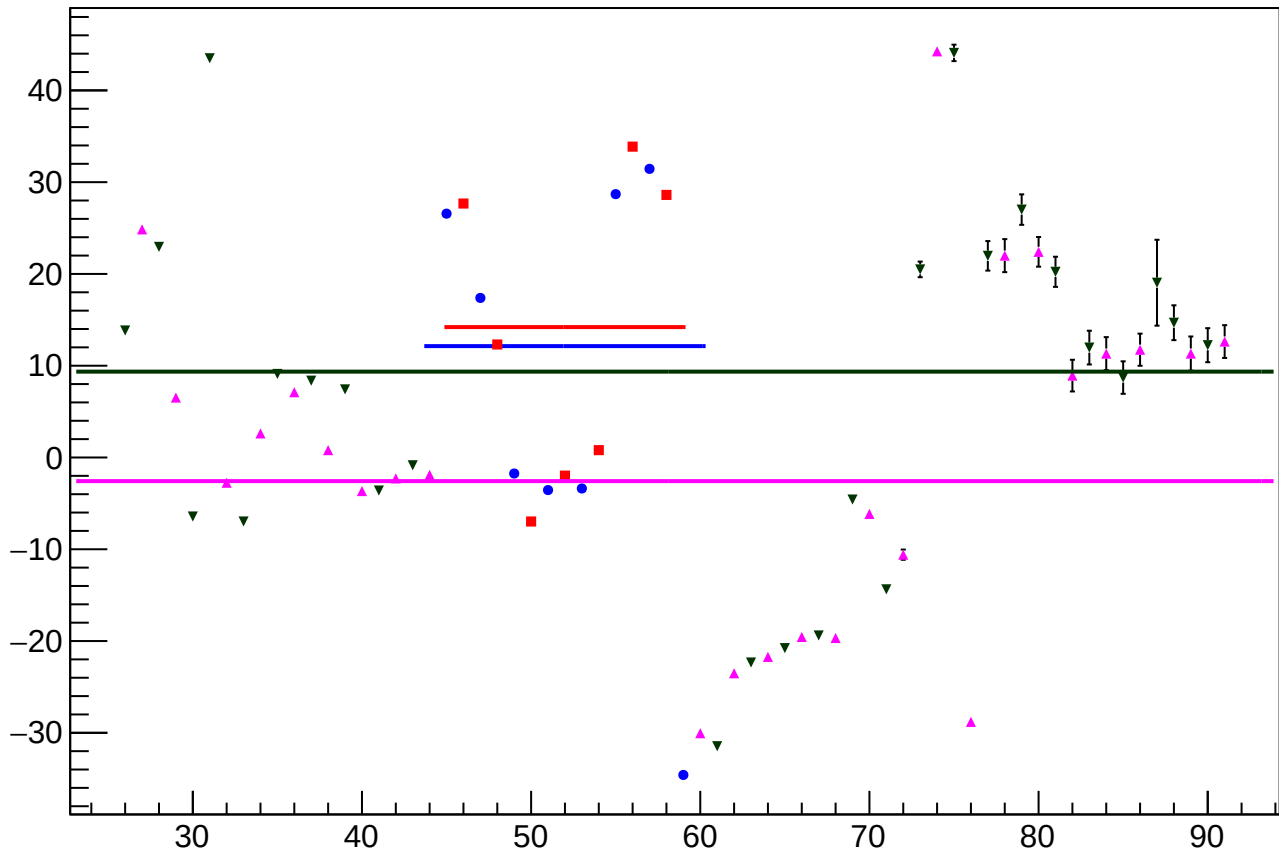
Right Out: 11.749+/-0.384 χ^2/NDF : 753.8/6

Left In: 17.160+/-0.253 χ^2/NDF :607.4/24

13.196+/-0.204 χ^2/NDF : 2752.5/33

15.522+/-0.211 χ^2/NDF : 1500.0/31

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.134 $\pm$ 0.072 χ^2/NDF : 60398.2/7

Left Out: 9.355 $\pm$ 0.052 χ^2/NDF : 187109.2/25

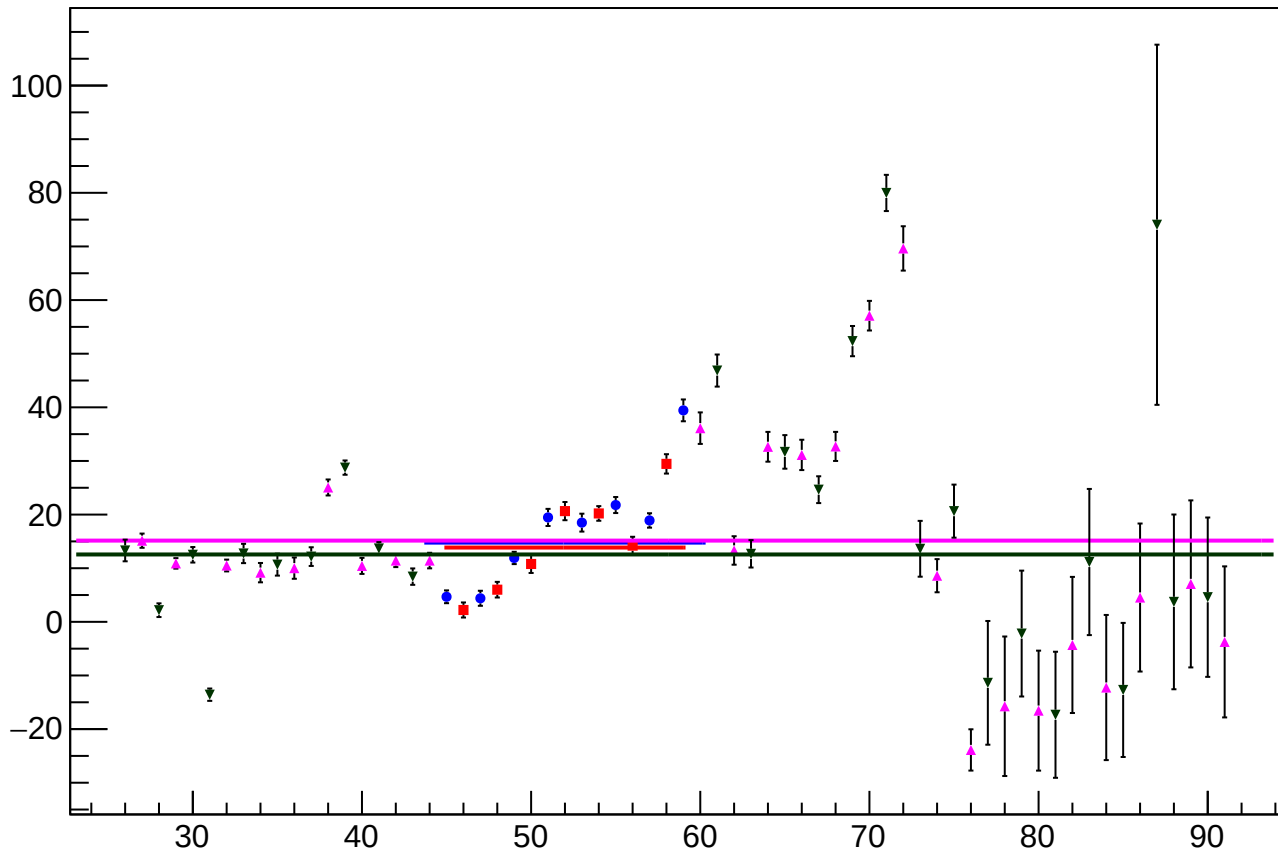
Right Out: 14.208 $\pm$ 0.082 χ^2/NDF : 31219.0/6

Left In: -2.574 $\pm$ 0.053 χ^2/NDF : 55211.3/24

10.289 $\pm$ 0.042 χ^2/NDF : 248485.0/33

2.412 $\pm$ 0.045 χ^2/NDF : 115955.1/31

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 14.775 $\pm$ 0.502 χ^2 /NDF: 324.6/7

Left Out: 12.563 $\pm$ 0.425 χ^2 /NDF:1552.8/25

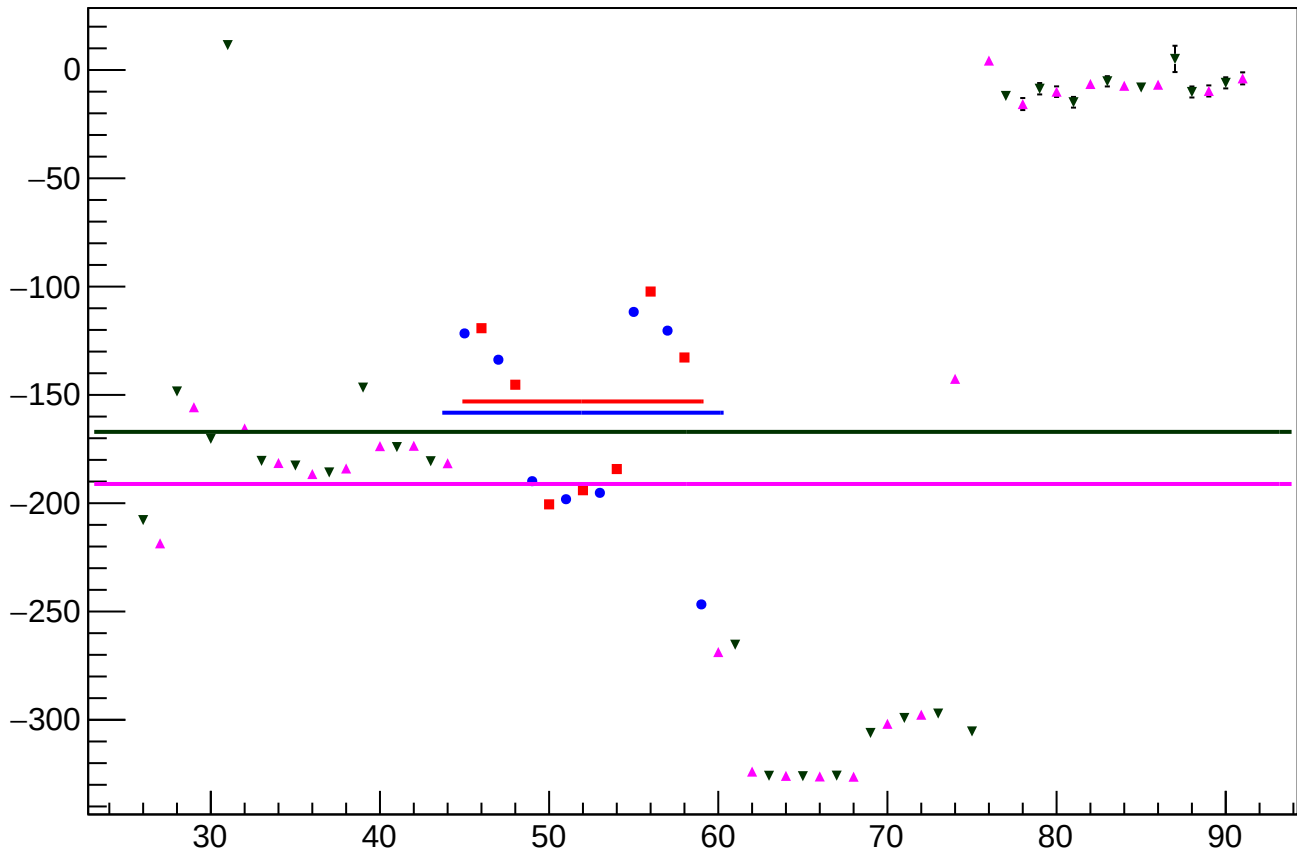
Right Out: 13.854 $\pm$ 0.588 χ^2 /NDF: 213.5/6

Left In: 15.149 $\pm$ 0.405 χ^2 /NDF:823.3/24

13.486 $\pm$ 0.324 χ^2 /NDF: 1888.6/33

14.732 $\pm$ 0.334 χ^2 /NDF: 1040.1/31

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -158.216+/-0.098 χ^2/NDF : 181452.4/7

Left Out: -167.065+/-0.078 χ^2/NDF : 1366555.8/25

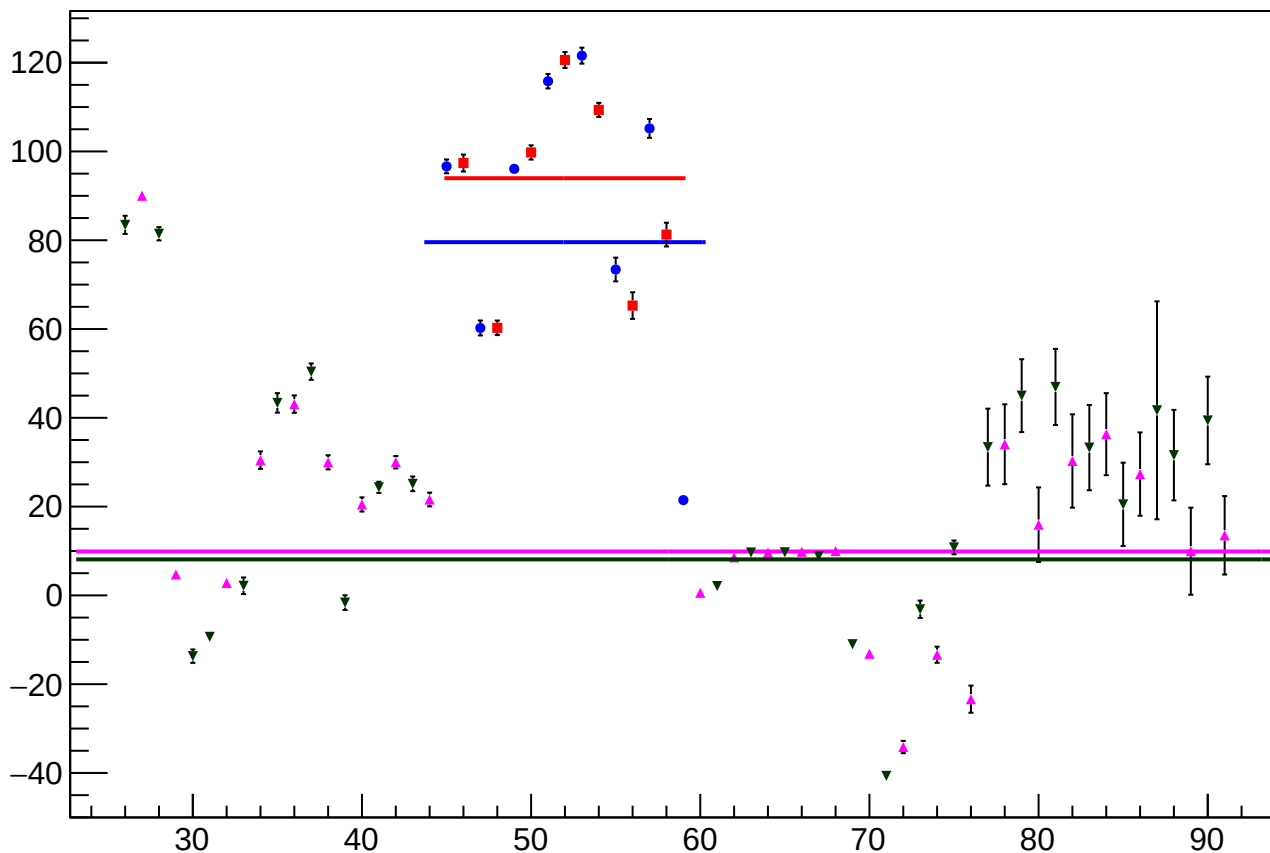
Right Out: -153.027+/-0.111 χ^2/NDF : 103869.9/6

Left In: -191.121+/-0.080 χ^2/NDF : 612089.1/24

-163.620+/-0.061 χ^2/NDF : 1553033.7/33

-178.102+/-0.065 χ^2/NDF : 793134.6/31

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.565+/-0.536 χ^2/NDF : 4358.2/7

Left Out: 8.109+/-0.172 χ^2/NDF : 8085.6/25

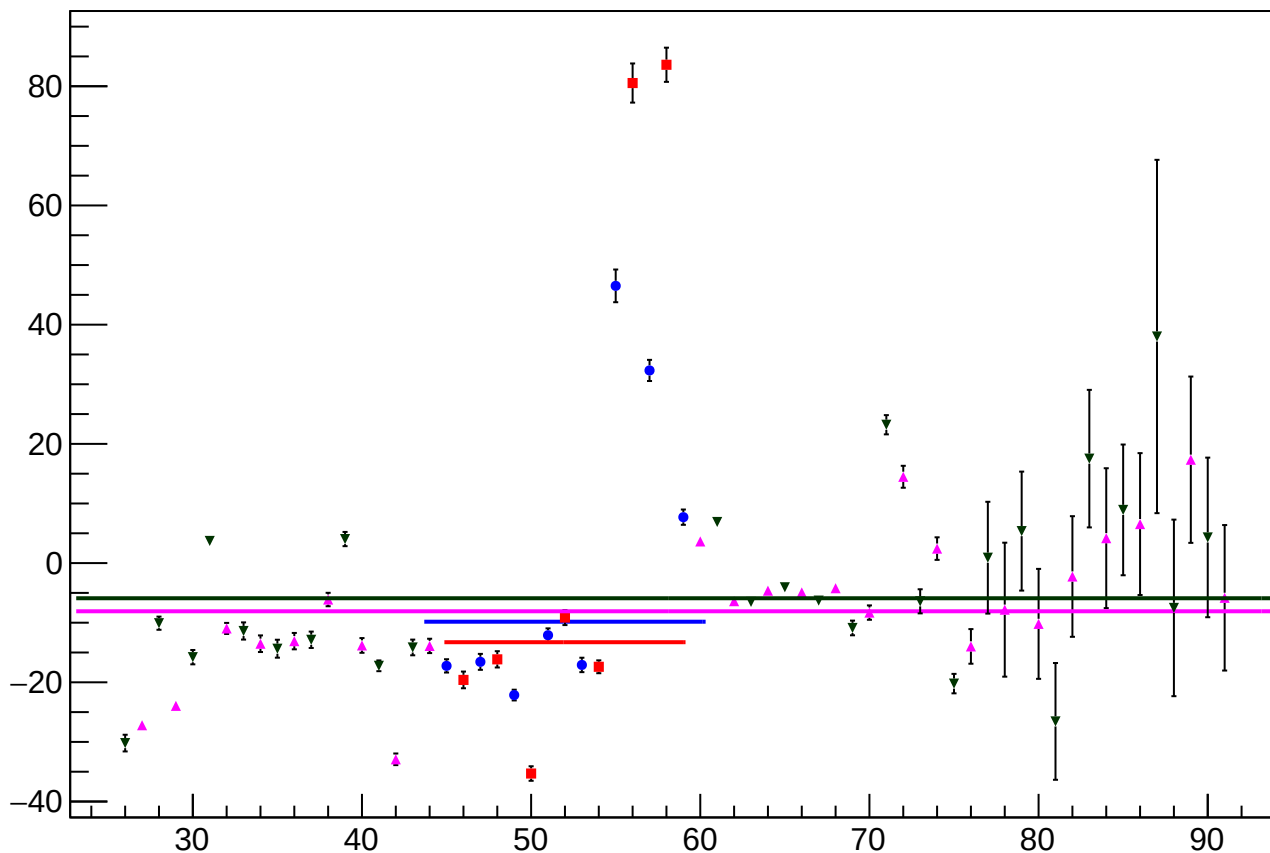
Right Out: 93.971+/-0.708 χ^2/NDF : 868.6/6

Left In: 9.893+/-0.158 χ^2/NDF : 8510.3/24

14.741+/-0.163 χ^2/NDF : 28551.6/33

13.888+/-0.154 χ^2/NDF : 22804.4/31

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -9.834+/-0.443 χ^2/NDF : 1468.3/7

Left Out: -5.899+/-0.192 χ^2/NDF : 1612.7/25

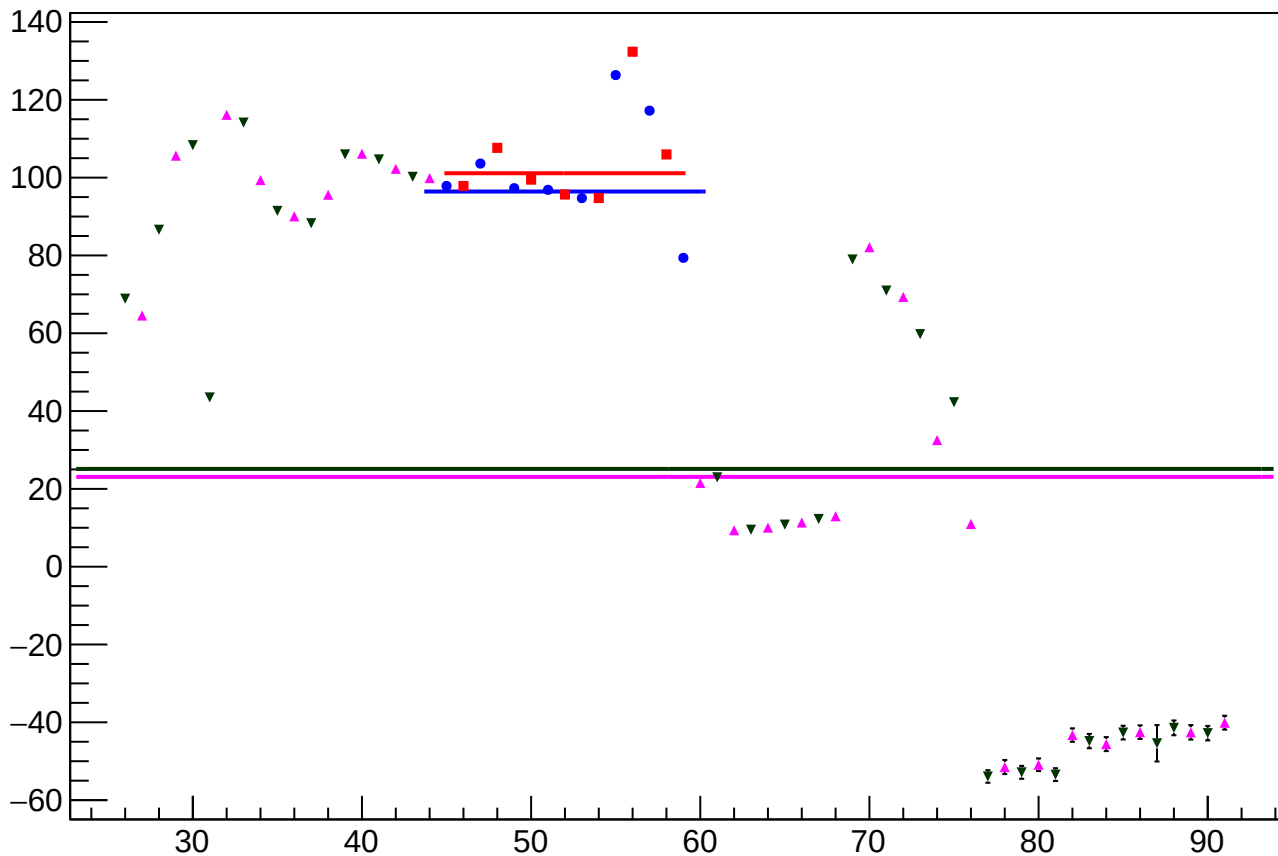
Right Out: -13.273+/-0.540 χ^2/NDF : 2333.7/6

Left In: -8.084+/-0.176 χ^2/NDF : 2762.0/24

-6.520+/-0.176 χ^2/NDF : 3147.3/33

-8.584+/-0.168 χ^2/NDF : 5178.9/31

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 96.429 $\pm$ 0.096 χ^2 /NDF: 15042.6/7

Left Out: 25.129 $\pm$ 0.028 χ^2 /NDF:1017448.4/25

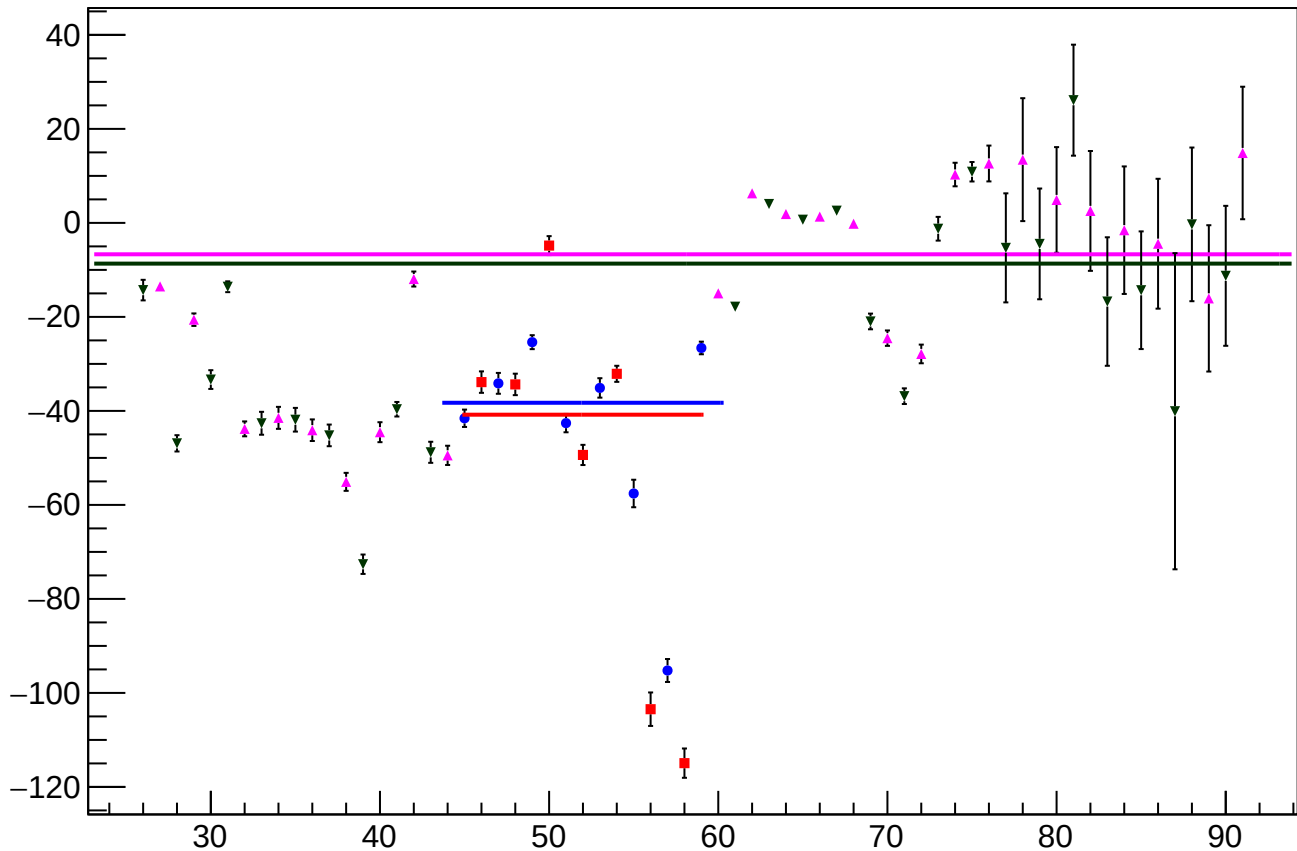
Right Out: 101.128 $\pm$ 0.121 χ^2 /NDF: 5249.9/6

Left In: 23.088 $\pm$ 0.026 χ^2 /NDF:1250585.1/24

30.753 $\pm$ 0.027 χ^2 /NDF: 1535969.7/33

26.530 $\pm$ 0.025 χ^2 /NDF: 1653536.9/31

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.270 ± 0.661 $\chi^2/\text{NDF}: 752.4/7$

Left Out: -8.665 ± 0.265 $\chi^2/\text{NDF}: 4669.2/25$

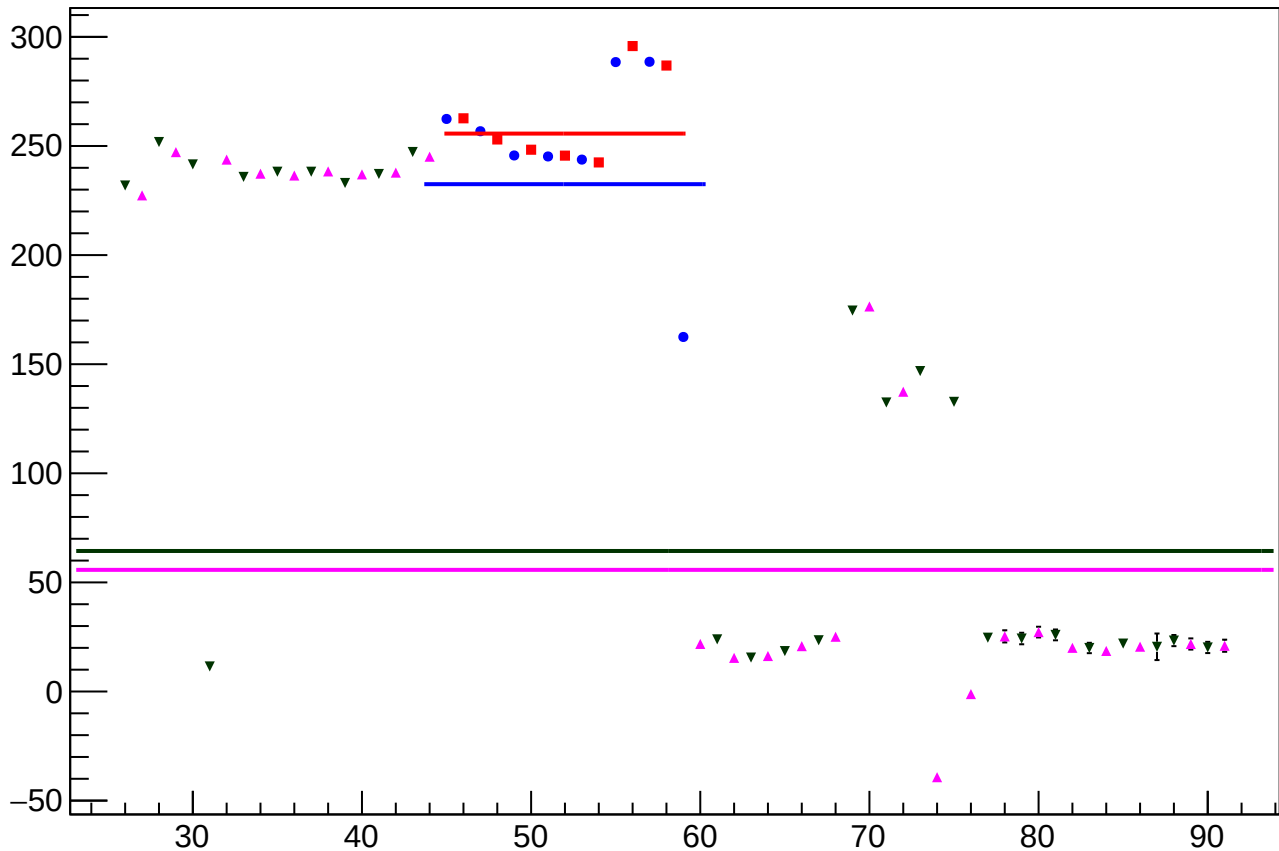
Right Out: -40.807 ± 0.854 $\chi^2/\text{NDF}: 1253.3/6$

Left In: -6.682 ± 0.243 $\chi^2/\text{NDF}: 4040.6/24$

-12.767 ± 0.246 $\chi^2/\text{NDF}: 7148.3/33$

-9.229 ± 0.233 $\chi^2/\text{NDF}: 6771.4/31$

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 232.502 $\pm$ 0.127 χ^2 /NDF: 112791.4/7

Left Out: 64.400 $\pm$ 0.048 χ^2 /NDF:2939006.6/25

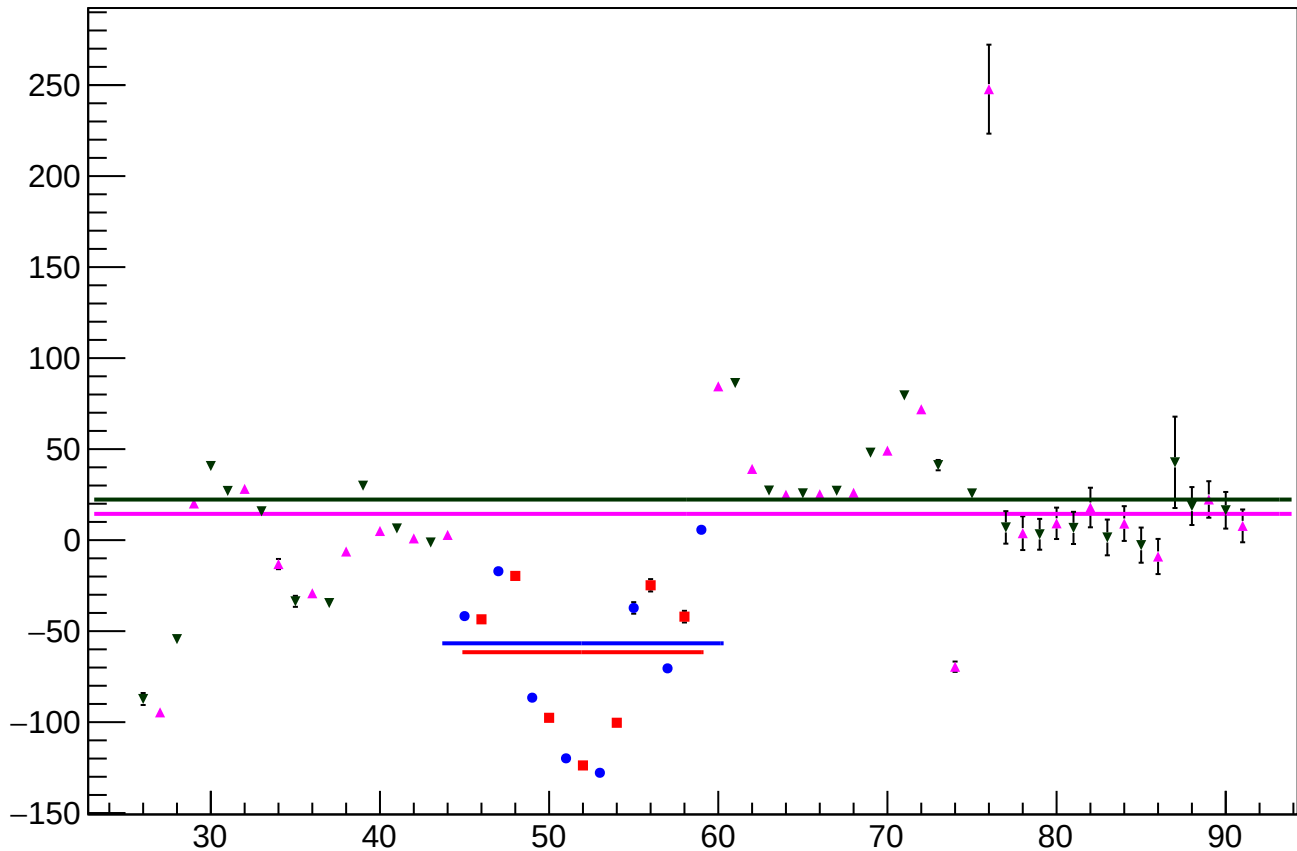
Right Out: 255.683 $\pm$ 0.162 χ^2 /NDF: 9707.1/6

Left In: 55.750 $\pm$ 0.045 χ^2 /NDF:3291526.5/24

85.166 $\pm$ 0.045 χ^2 /NDF: 4578176.3/33

69.906 $\pm$ 0.043 χ^2 /NDF: 4709014.5/31

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -56.688 ± 0.747 $\chi^2/\text{NDF}: 3141.9/7$

Left Out: 22.296 ± 0.487 $\chi^2/\text{NDF}: 5880.2/25$

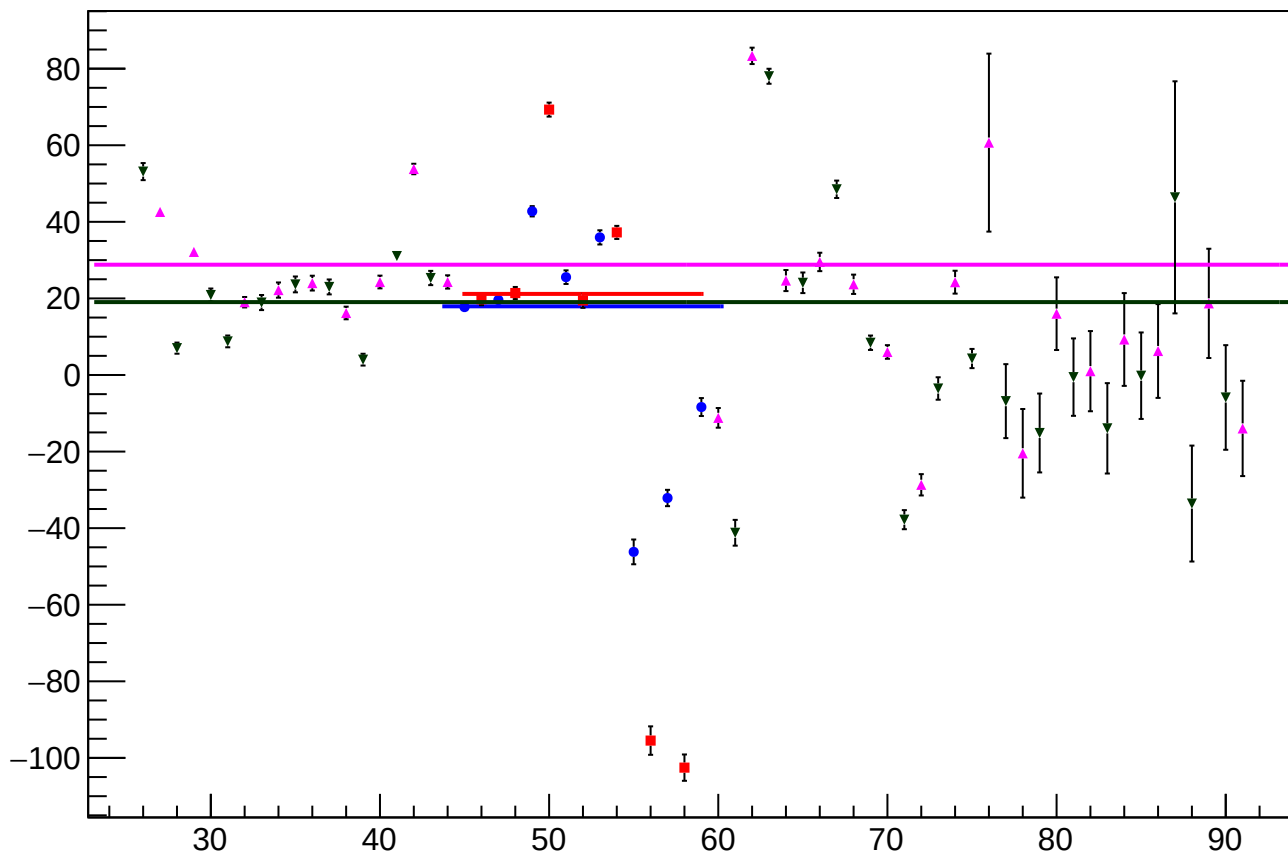
Right Out: -61.572 ± 0.928 $\chi^2/\text{NDF}: 1701.4/6$

Left In: 14.430 ± 0.472 $\chi^2/\text{NDF}: 7987.7/24$

-1.276 ± 0.408 $\chi^2/\text{NDF}: 16857.3/33$

-1.168 ± 0.420 $\chi^2/\text{NDF}: 15020.6/31$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.934 $\pm$ 0.602 χ^2 /NDF: 1524.5/7

Left Out: 19.038 $\pm$ 0.449 χ^2 /NDF: 2640.3/25

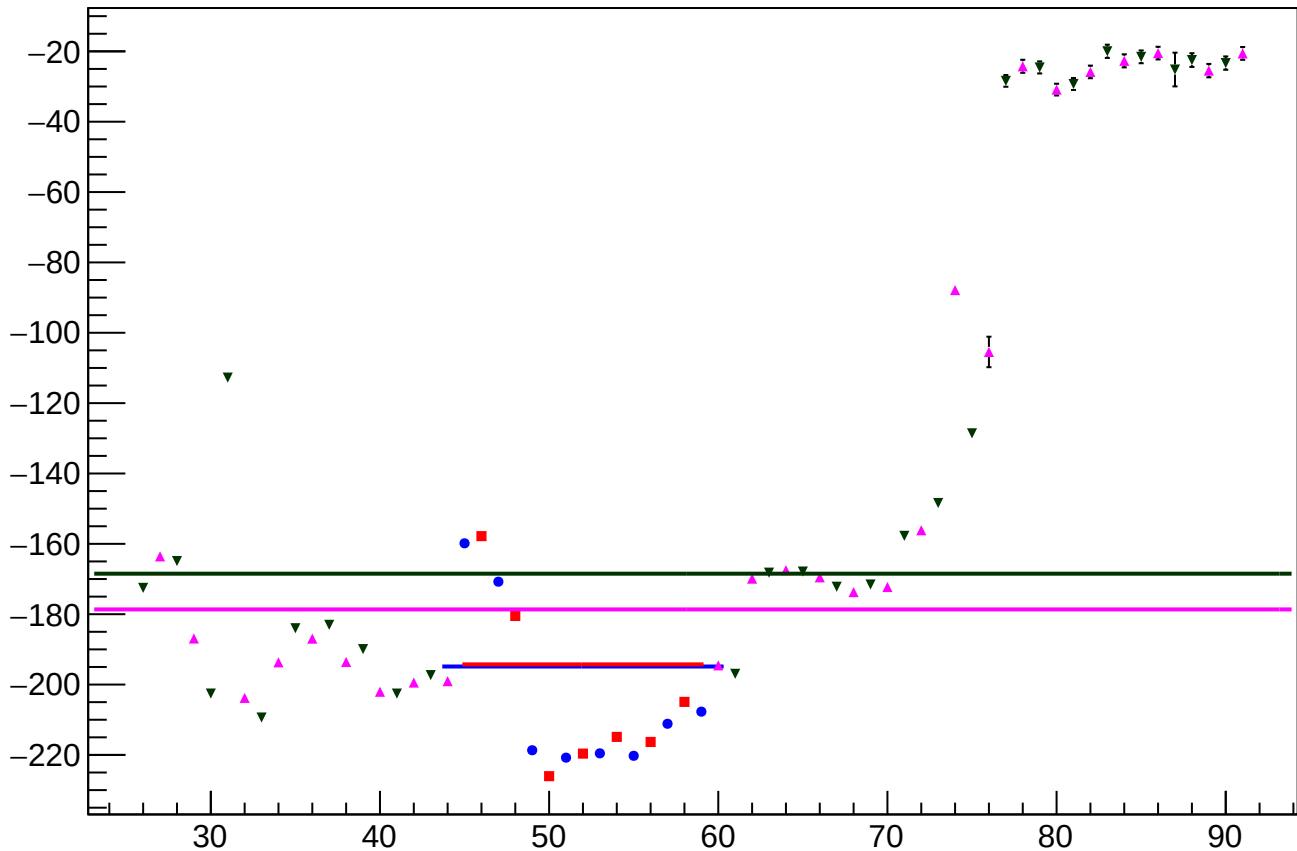
Right Out: 21.176 $\pm$ 0.726 χ^2 /NDF: 3063.5/6

Left In: 28.803 $\pm$ 0.417 χ^2 /NDF: 2183.5/24

18.643 $\pm$ 0.360 χ^2 /NDF: 4167.0/33

26.910 $\pm$ 0.361 χ^2 /NDF: 5330.1/31

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -194.868+/-0.132 χ^2/NDF : 38095.2/7

Left Out: -168.481+/-0.083 χ^2/NDF : 151618.3/25

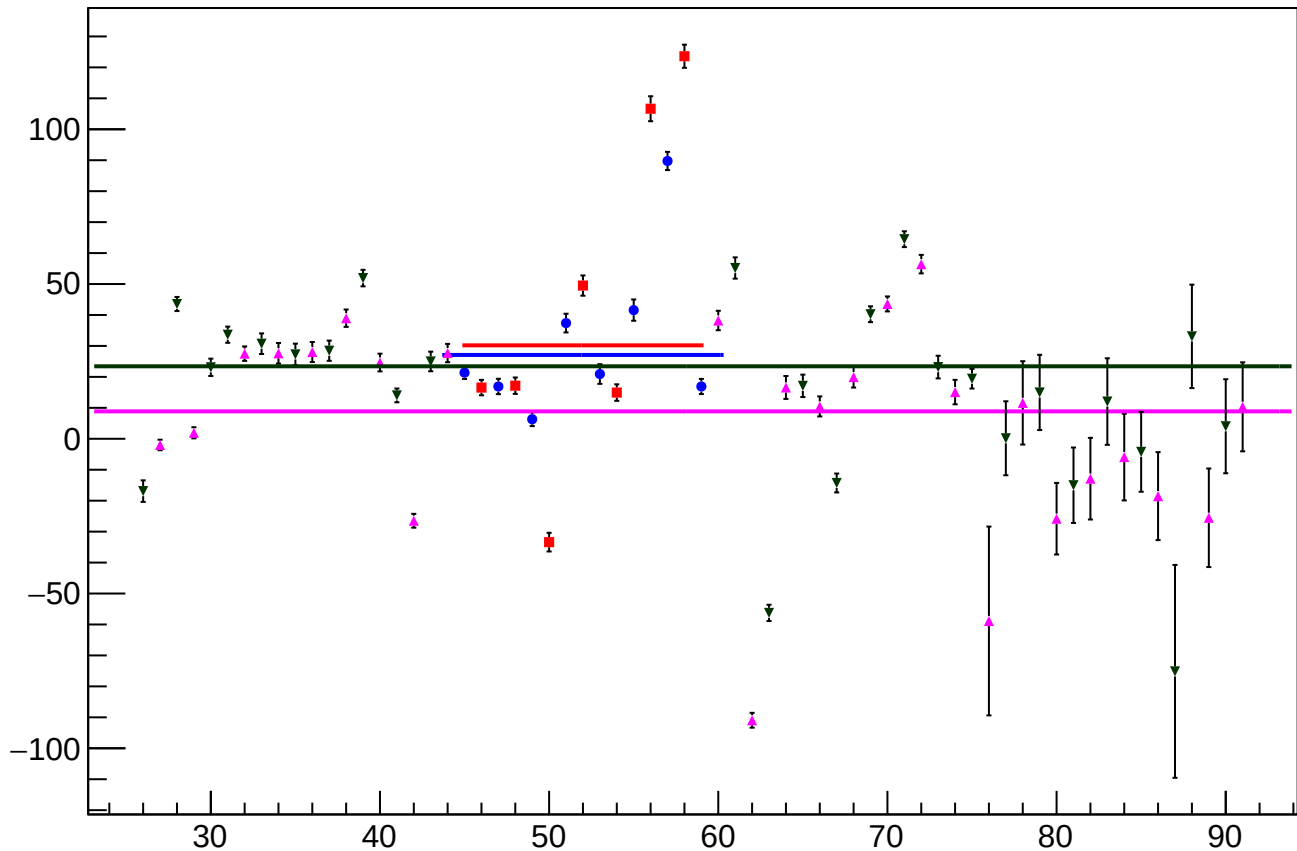
Right Out: -194.262+/-0.158 χ^2/NDF : 27076.8/6

Left In: -178.636+/-0.083 χ^2/NDF : 103680.3/24

-175.990+/-0.070 χ^2/NDF : 218303.0/33

-181.998+/-0.073 χ^2/NDF : 138469.2/31

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 27.091 $\pm$ 0.920 χ^2 /NDF: 616.3/7

Left Out: 23.416 $\pm$ 0.676 χ^2 /NDF: 1859.4/25

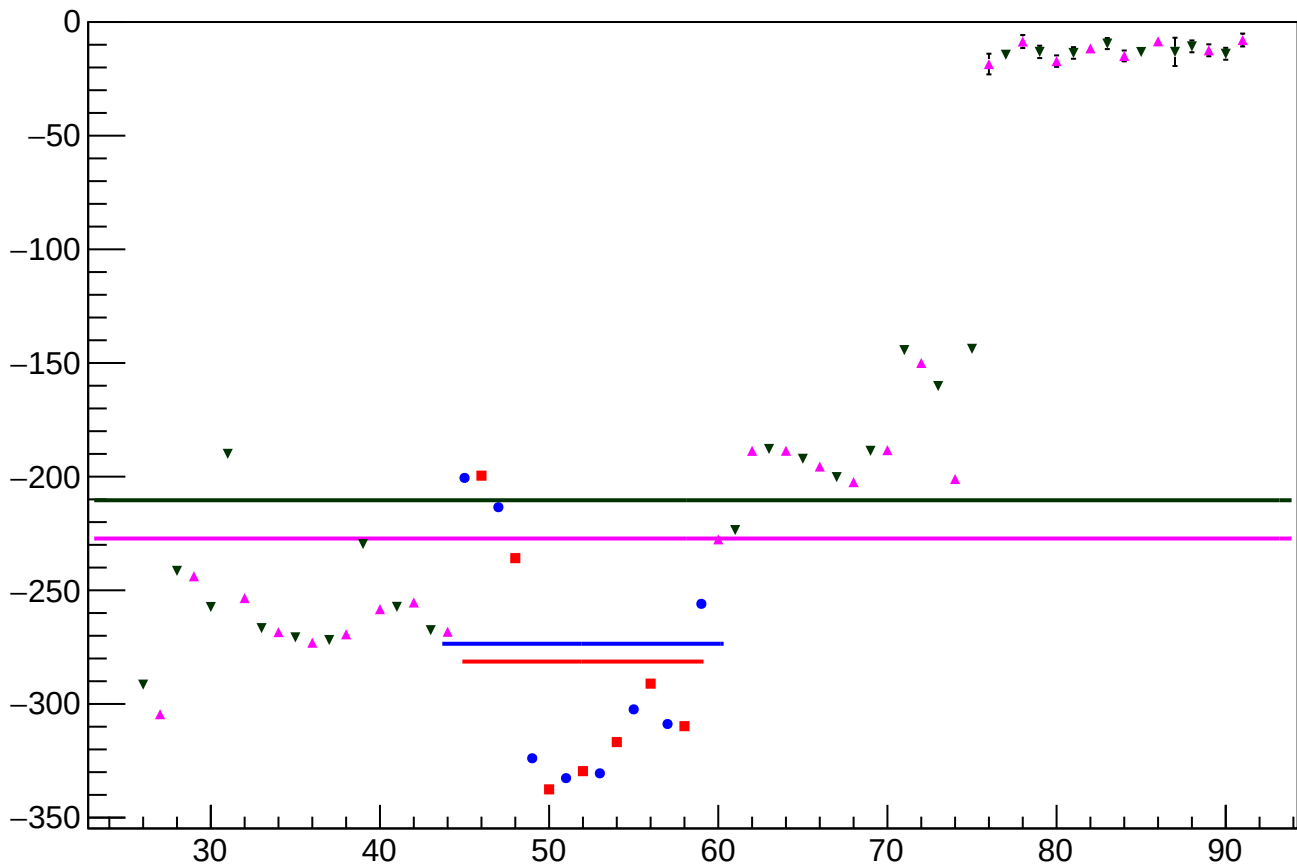
Right Out: 30.192 $\pm$ 1.132 χ^2 /NDF: 1550.4/6

Left In: 8.857 $\pm$ 0.632 χ^2 /NDF: 2945.7/24

24.704 $\pm$ 0.545 χ^2 /NDF: 2486.1/33

13.924 $\pm$ 0.552 χ^2 /NDF: 4767.0/31

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -273.515 $\pm$ 0.178 χ^2 /NDF: 88041.0/7

Left Out: -210.384 $\pm$ 0.119 χ^2 /NDF:208722.3/25

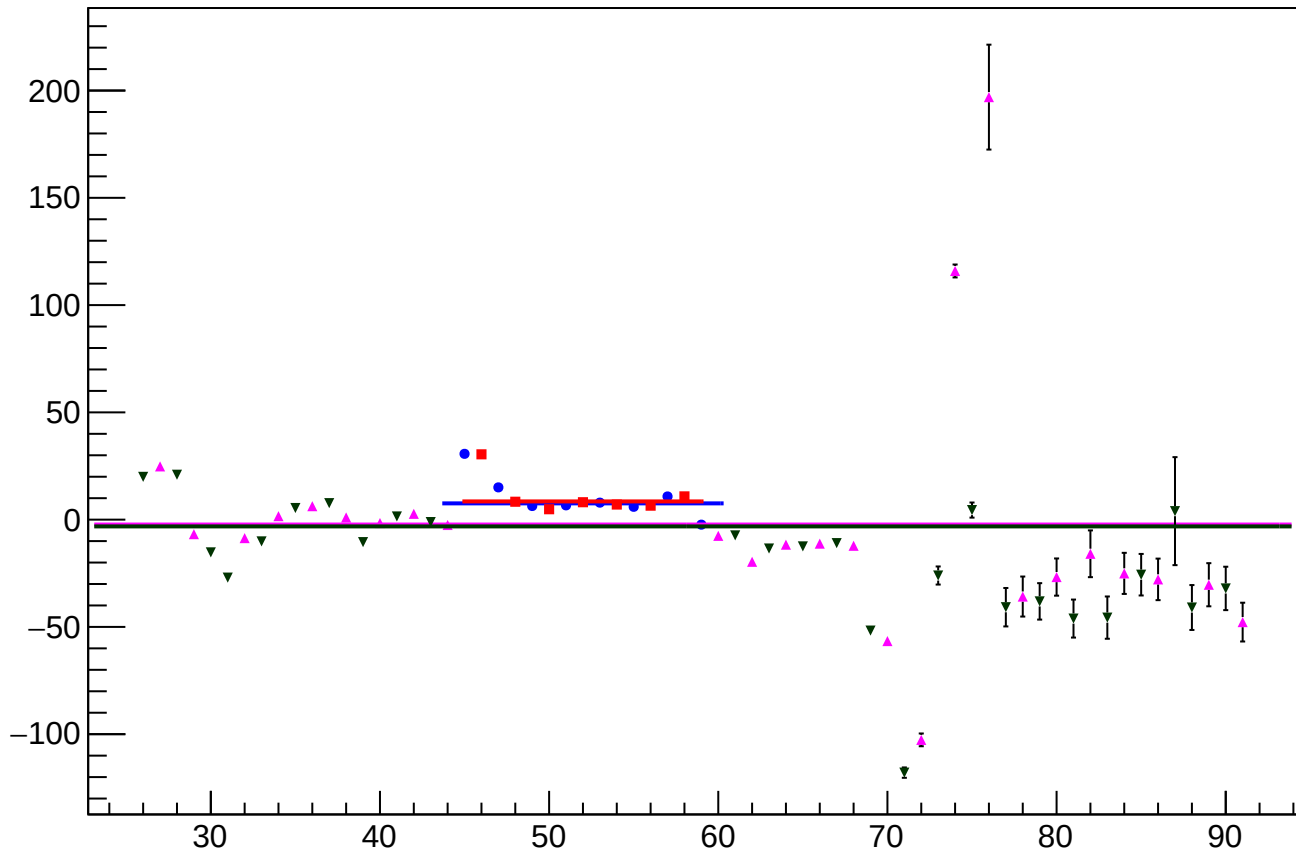
Right Out: -281.352 $\pm$ 0.215 χ^2 /NDF: 59692.9/6

Left In: -227.222 $\pm$ 0.122 χ^2 /NDF:174336.1/24

-229.750 $\pm$ 0.099 χ^2 /NDF: 383736.3/33

-240.489 $\pm$ 0.106 χ^2 /NDF: 281991.6/31

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 7.583+/-0.160 χ^2/NDF : 1834.1/7

Left Out: -3.154+/-0.190 χ^2/NDF : 7045.6/25

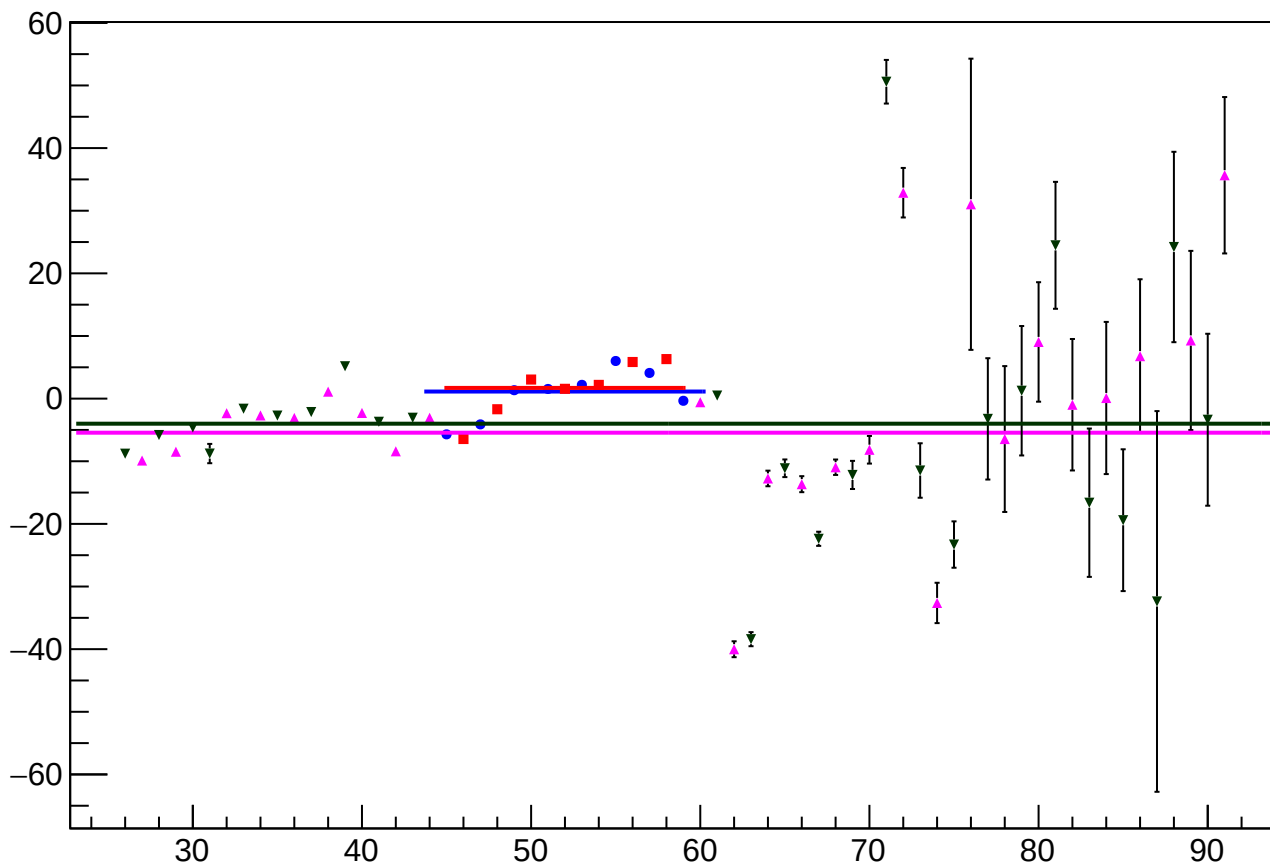
Right Out: 8.495+/-0.197 χ^2/NDF : 806.7/6

Left In: -2.281+/-0.169 χ^2/NDF : 7489.6/24

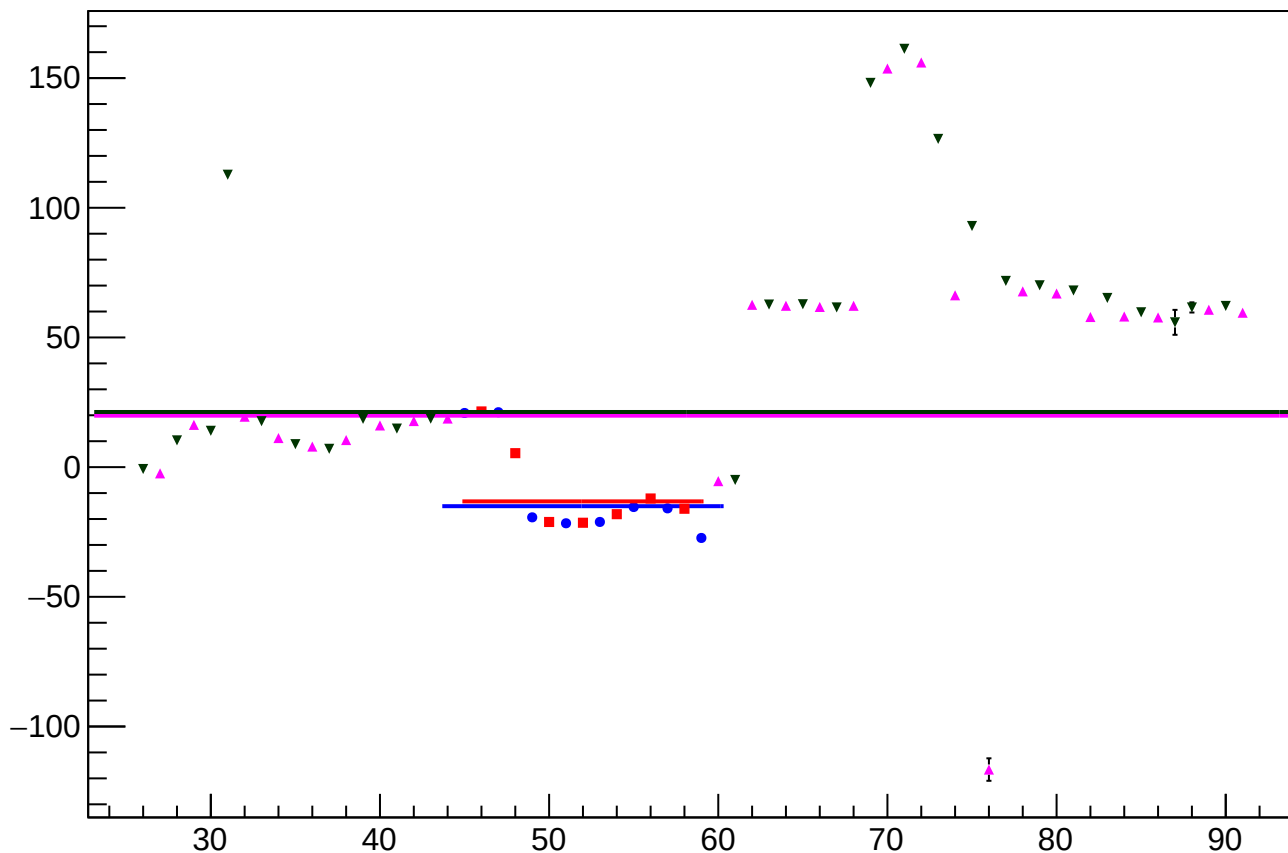
3.134+/-0.123 χ^2/NDF : 10743.4/33

2.296+/-0.129 χ^2/NDF : 10014.3/31

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -15.055 ± 0.029 $\chi^2/\text{NDF}: 241120.3/7$

Left Out: 21.263 ± 0.032 $\chi^2/\text{NDF}: 744539.5/25$

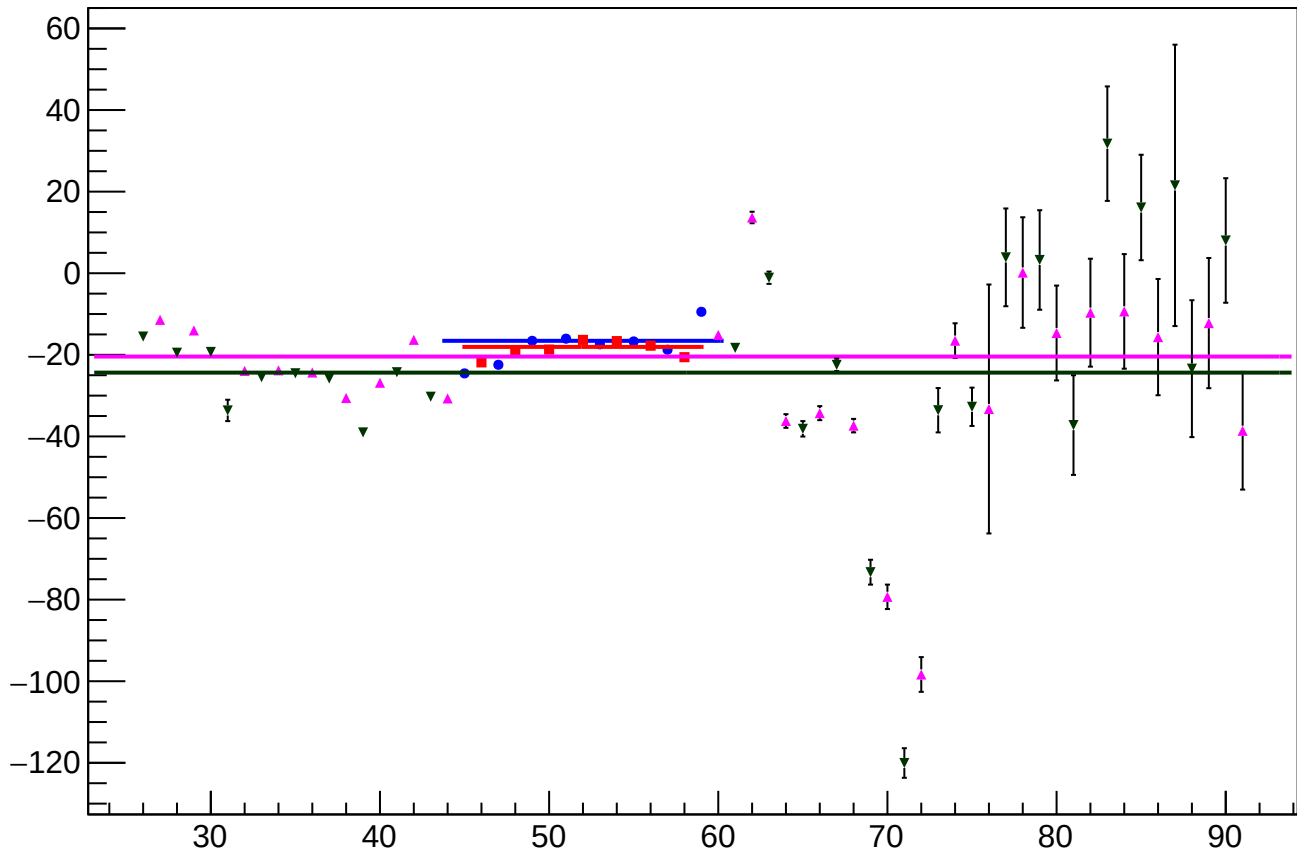
Right Out: -13.205 ± 0.034 $\chi^2/\text{NDF}: 134303.5/6$

Left In: 19.847 ± 0.029 $\chi^2/\text{NDF}: 652078.5/24$

1.642 ± 0.022 $\chi^2/\text{NDF}: 1693035.1/33$

6.282 ± 0.022 $\chi^2/\text{NDF}: 1332982.8/31$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -16.565 $\pm$ 0.197 χ^2 /NDF: 339.0/7

Left Out: -24.362 $\pm$ 0.245 χ^2 /NDF:1917.2/25

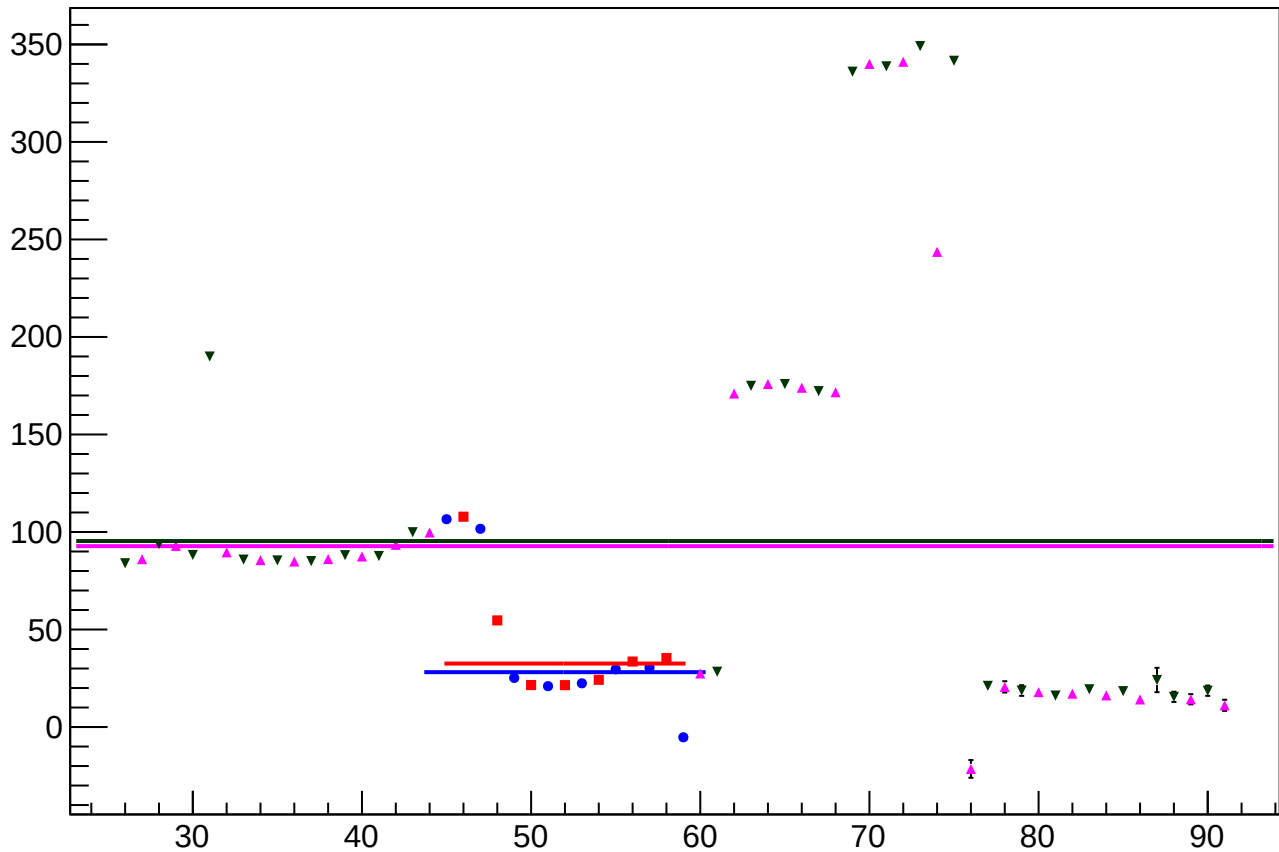
Right Out: -18.057 $\pm$ 0.236 χ^2 /NDF: 48.9/6

Left In: -20.424 $\pm$ 0.213 χ^2 /NDF:2507.0/24

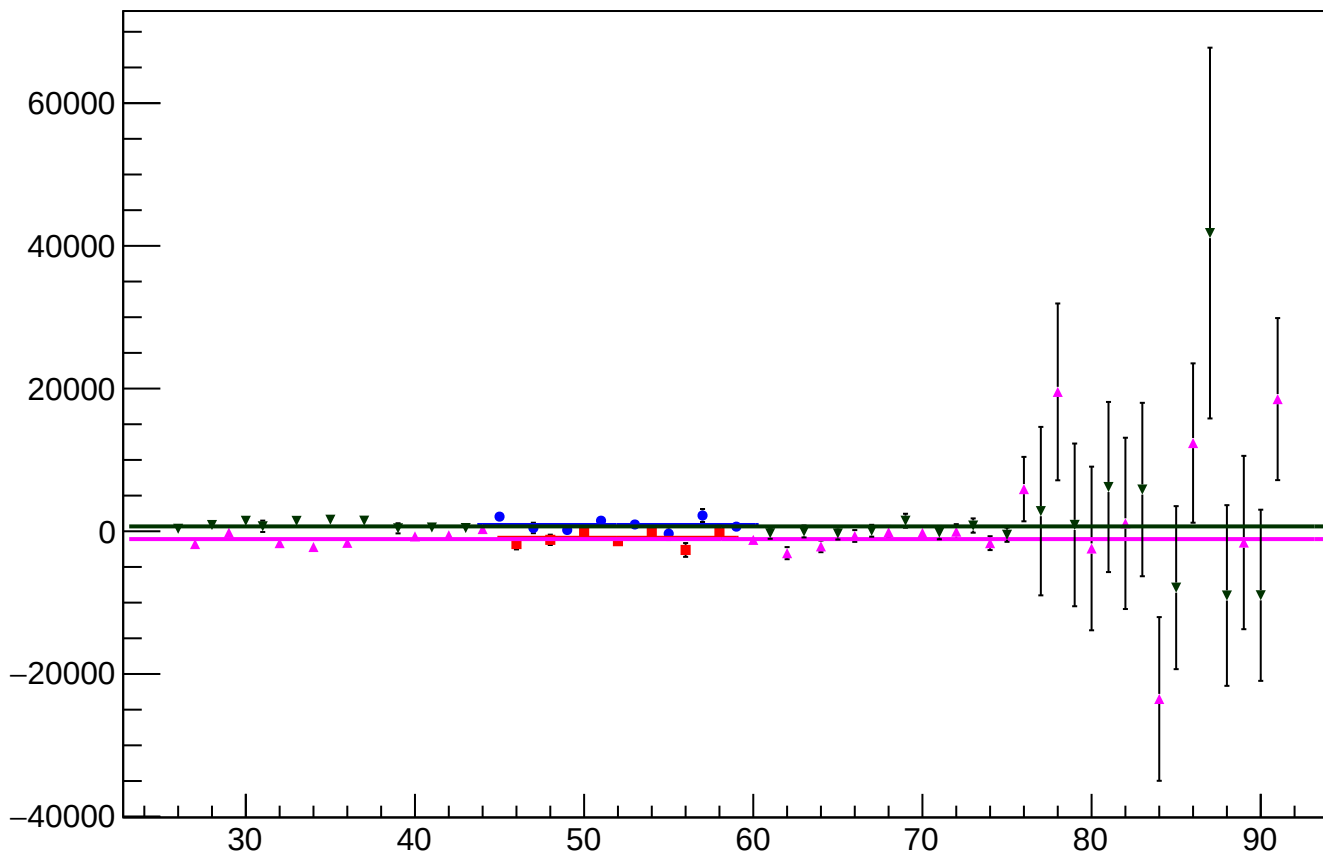
-19.626 $\pm$ 0.154 χ^2 /NDF: 2869.6/33

-19.361 $\pm$ 0.158 χ^2 /NDF: 2611.2/31

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



reg_asym_atl1_mean vs slug



Right In: 881.432 ± 225.216 χ^2/NDF : 11.0/7

Left Out: 682.107 ± 173.126 χ^2/NDF : 18.8/25

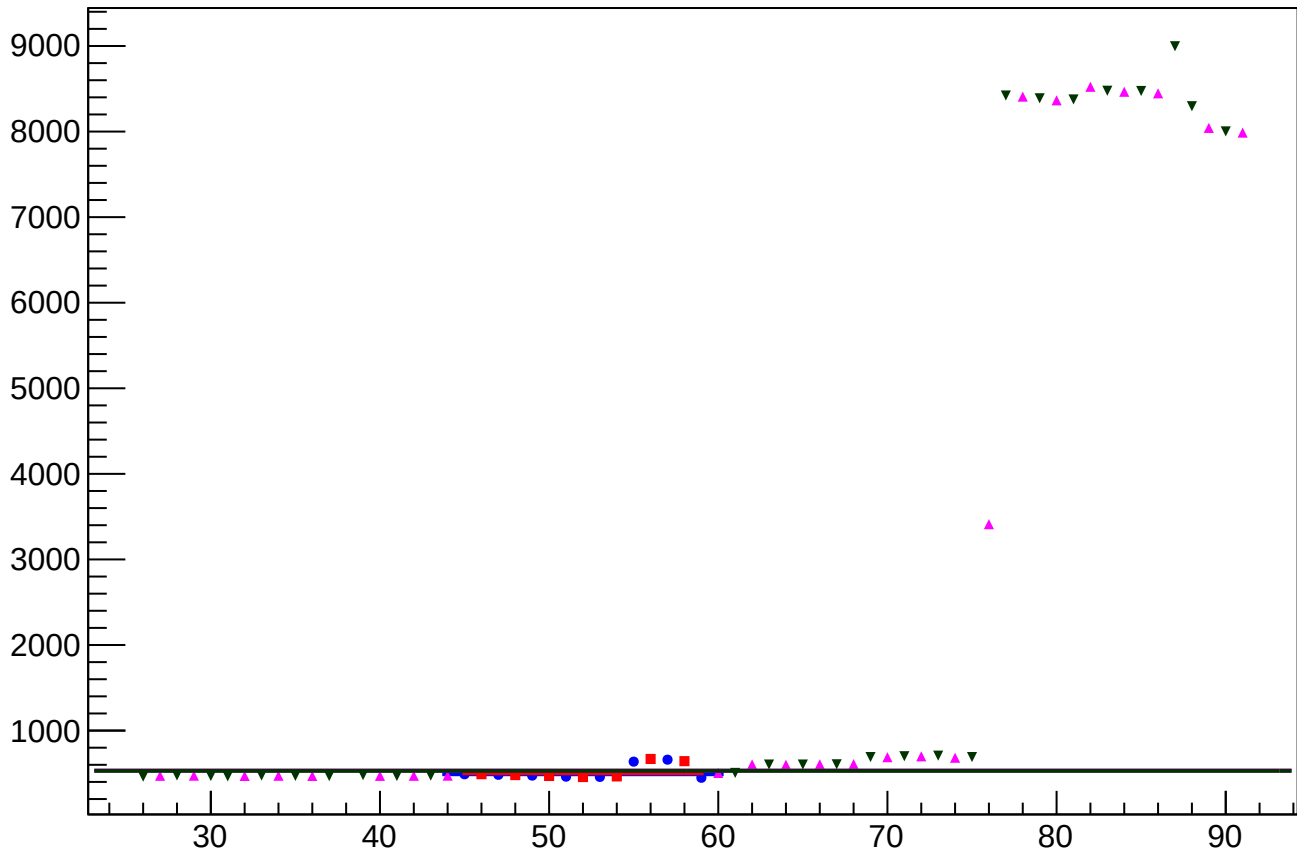
Right Out: -912.209 ± 271.696 χ^2/NDF : 9.4/6

Left In: -1095.774 ± 172.708 χ^2/NDF : 39.1/23

756.143 ± 137.258 χ^2/NDF : 30.3/33

-1042.947 ± 145.753 χ^2/NDF : 48.9/30

reg_asym_atl1_rms vs slug



Right In: 490.243+/-0.159 χ^2/NDF : 148723.0/7

Left Out: 529.960+/-0.122 χ^2/NDF : 6722906.3/25

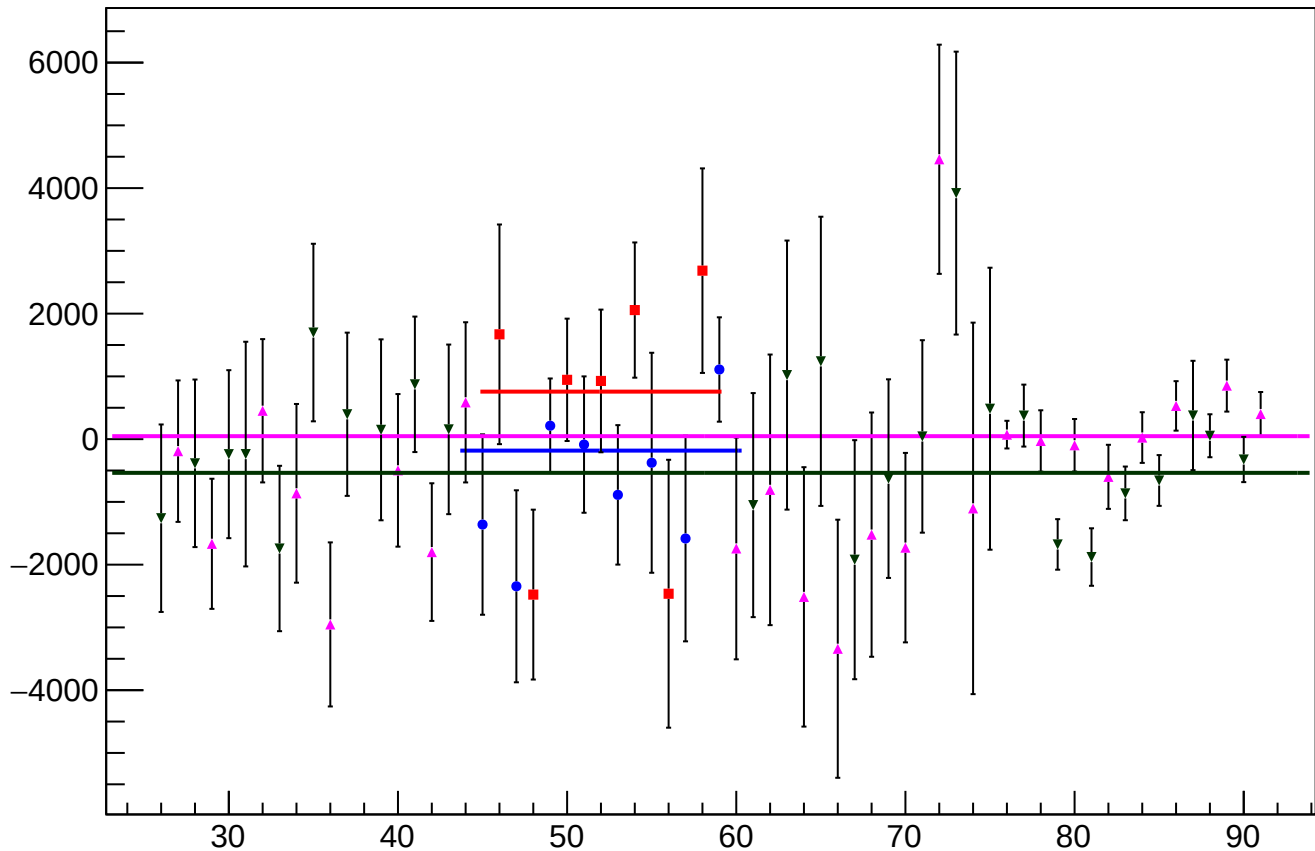
Right Out: 502.358+/-0.192 χ^2/NDF : 134302.1/6

Left In: 532.832+/-0.122 χ^2/NDF : 7410899.4/23

515.208+/-0.097 χ^2/NDF : 6910726.0/33

524.062+/-0.103 χ^2/NDF : 7563120.7/30

asym_atl1_correction_mean vs slug



Right In: -182.724 ± 392.950 χ^2/NDF : 6.5/7

Left Out: -537.005 ± 138.922 χ^2/NDF : 37.5/25

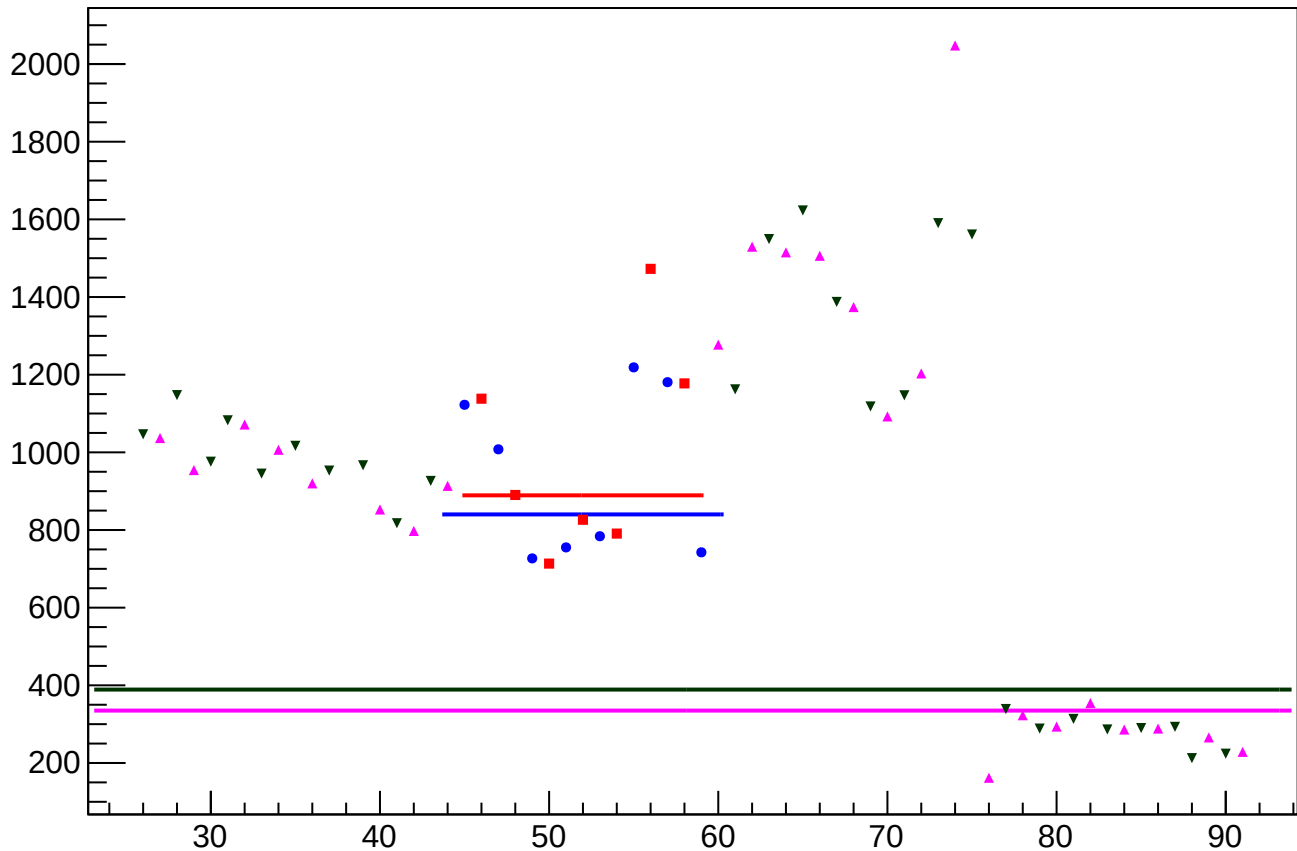
Right Out: 757.174 ± 490.532 χ^2/NDF : 11.2/6

Left In: 47.328 ± 120.675 χ^2/NDF : 33.3/23

-497.644 ± 130.978 χ^2/NDF : 44.7/33

87.836 ± 117.181 χ^2/NDF : 46.5/30

asym_atl1_correction_rms vs slug



Right In: 840.143+/-0.278 χ^2/NDF : 371064.7/7

Left Out: 389.055+/-0.098 χ^2/NDF : 9316929.6/25

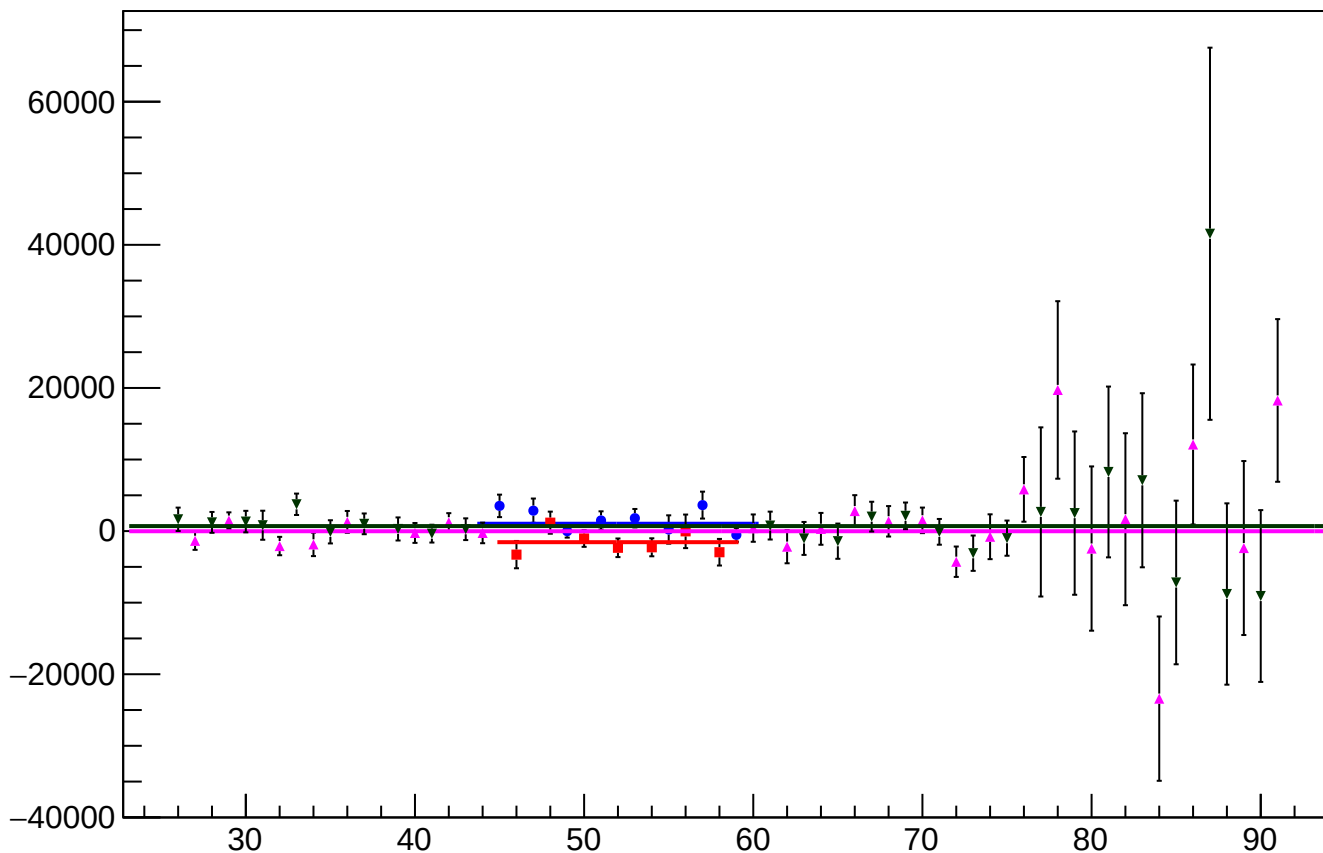
439.172+/-0.093 χ^2/NDF : 12030764.3/33

Right Out: 889.252+/-0.347 χ^2/NDF : 340280.2/6

366.556+/-0.083 χ^2/NDF : 13278239.3/30

Left In: 334.922+/-0.085 χ^2/NDF : 10529646.6/23

asym_atl1_mean vs slug



Right In: 1027.911+/-456.452 χ^2/NDF : 10.1/7

Left Out: 699.130+/-404.036 χ^2/NDF : 16.2/25

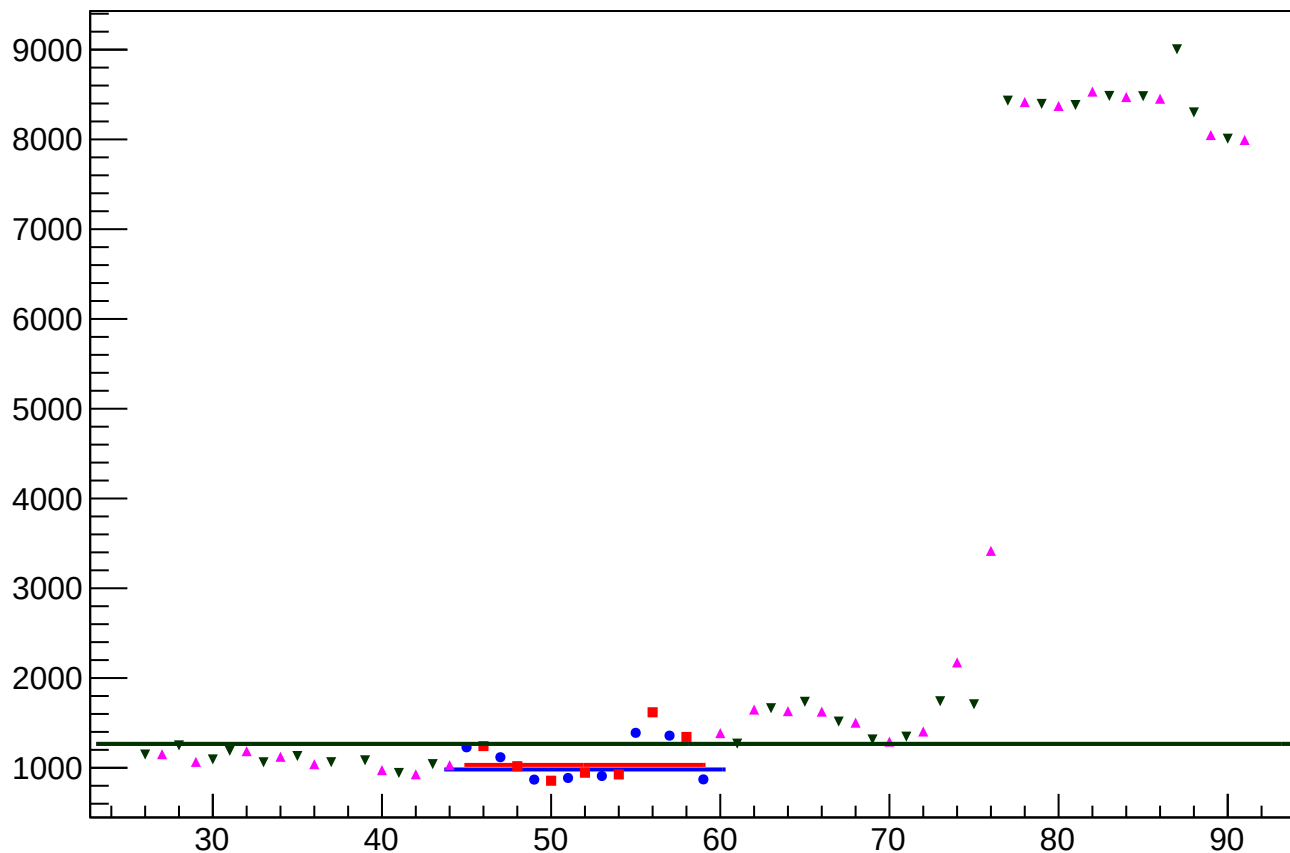
Right Out: -1548.684+/-565.779 χ^2/NDF : 5.8/6

Left In: -20.074+/-400.919 χ^2/NDF : 28.4/23

843.568+/-302.539 χ^2/NDF : 26.6/33

-531.059+/-327.116 χ^2/NDF : 39.1/30

asym_atl1_rms vs slug



Right In: 981.524+/-0.323 χ^2/NDF : 302215.8/7

Left Out: 1265.950+/-0.286 χ^2/NDF :5793999.3/25

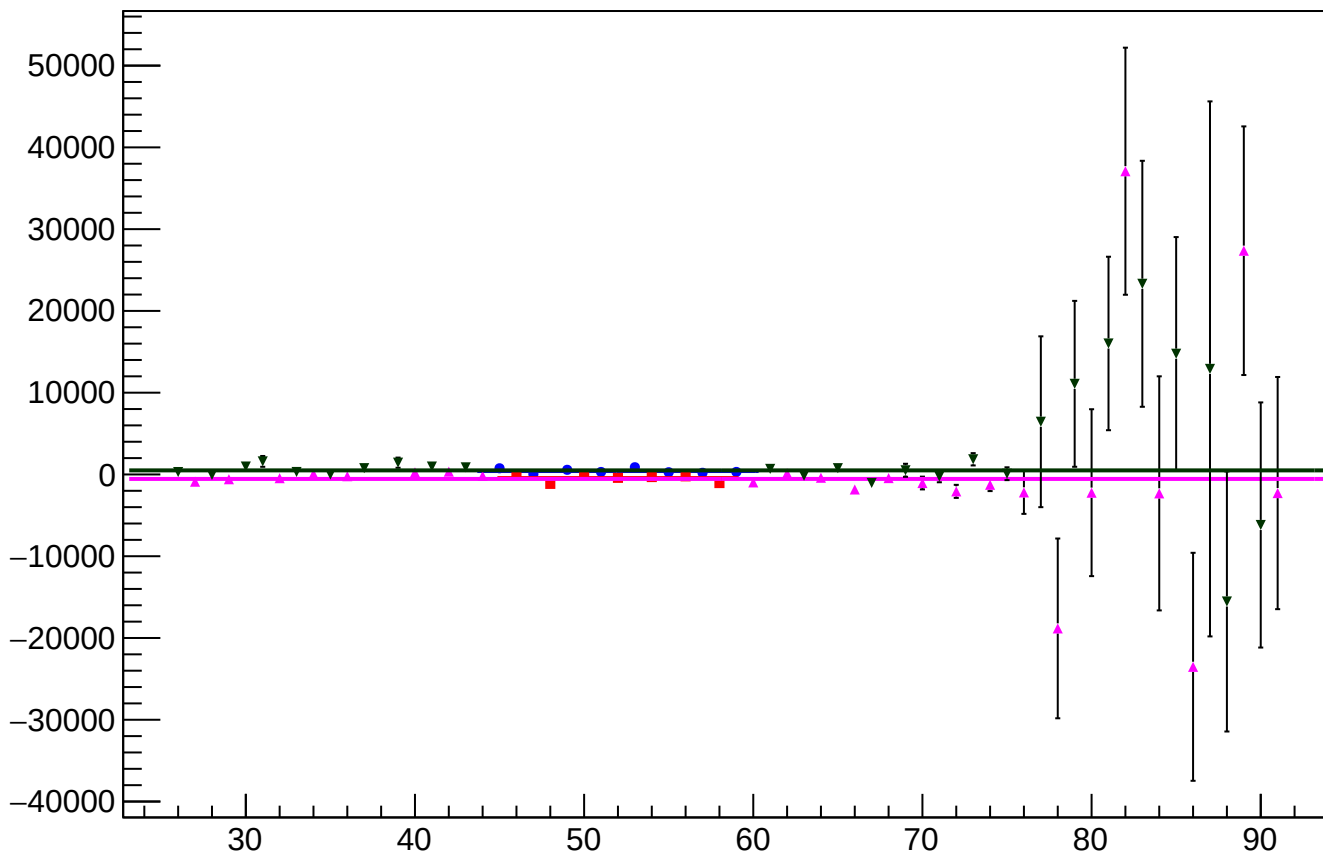
Right Out: 1032.562+/-0.400 χ^2/NDF : 274302.9/6

Left In: 1267.348+/-0.283 χ^2/NDF :6350721.4/23

1140.998+/-0.214 χ^2/NDF : 6531624.3/33

1188.864+/-0.231 χ^2/NDF : 6854309.3/30

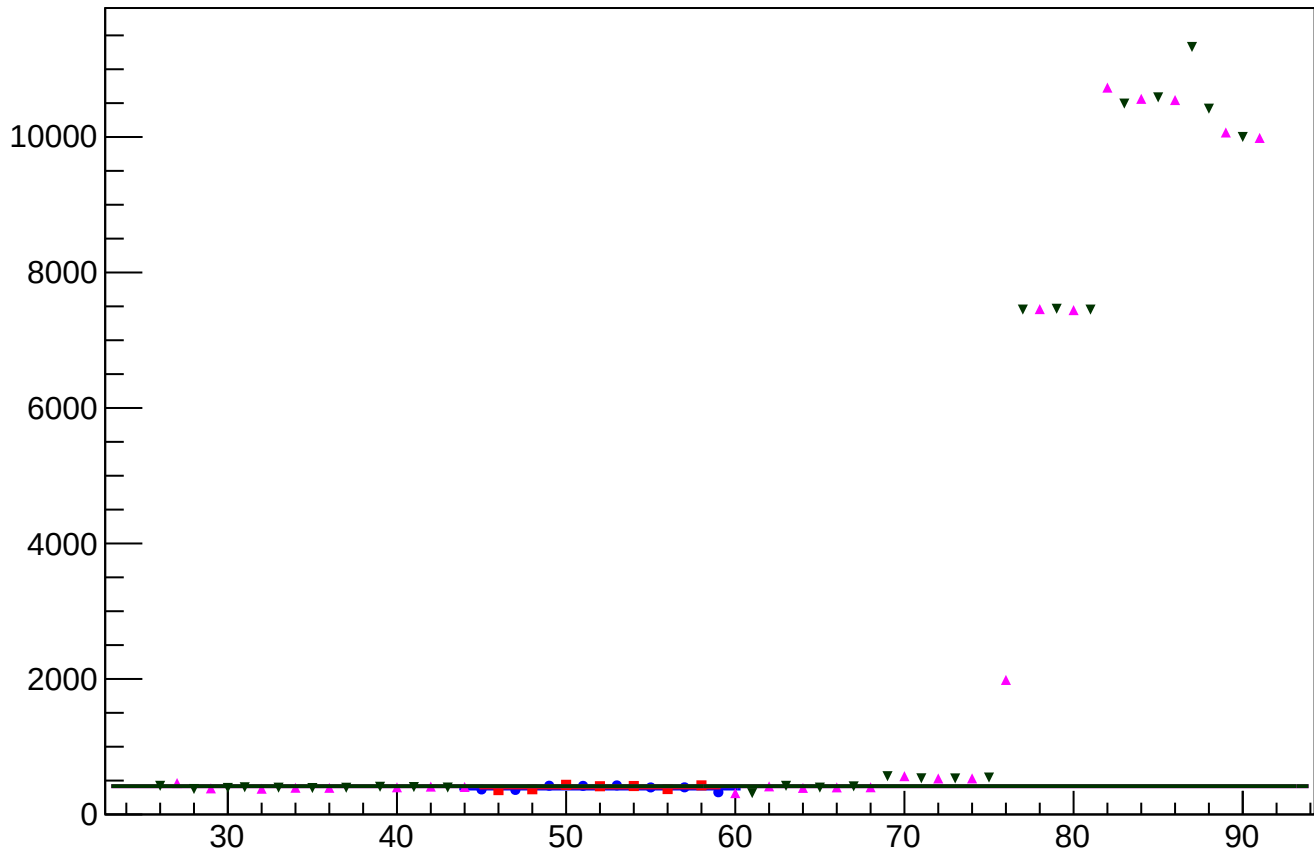
reg_asym_atl2_mean vs slug



Right In: 418.770+/-175.564 χ^2/NDF : 2.0/7
Left Out: 498.172+/-136.728 χ^2/NDF : 31.8/25
Right Out: -442.509+/-214.927 χ^2/NDF : 4.1/6
Left In: -547.599+/-135.210 χ^2/NDF : 35.5/23

468.195+/-107.874 χ^2/NDF : 33.9/33
-517.801+/-114.447 χ^2/NDF : 39.8/30

reg_asym_atl2_rms vs slug



Right In: 383.159+/-0.124 χ^2/NDF : 90886.8/7

Left Out: 417.889+/-0.097 χ^2/NDF : 6850764.7/25

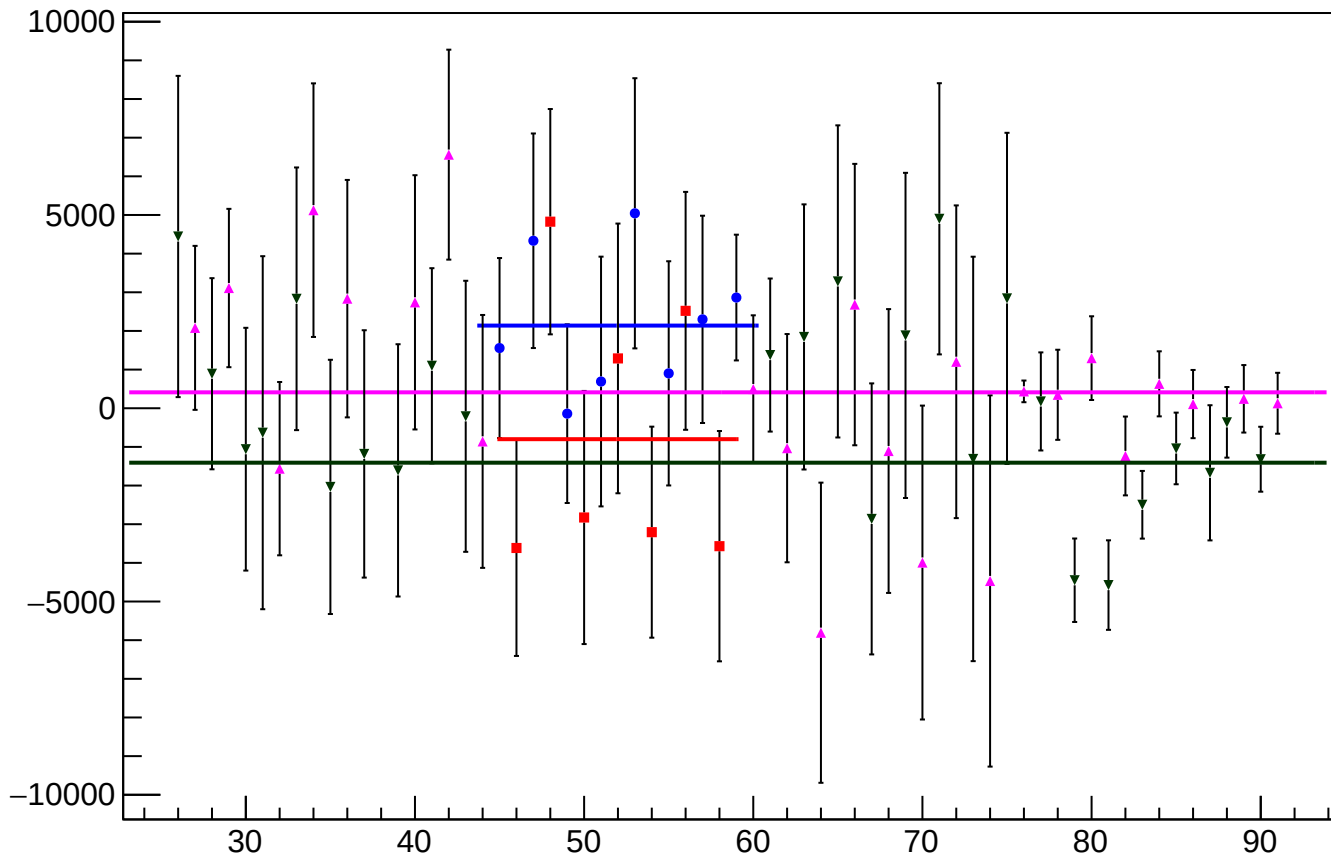
Right Out: 399.573+/-0.152 χ^2/NDF : 36647.1/6

Left In: 416.735+/-0.096 χ^2/NDF : 7523500.6/23

404.777+/-0.076 χ^2/NDF : 6990366.5/33

411.869+/-0.081 χ^2/NDF : 7569284.1/30

asym_atl2_correction_mean vs slug



Right In: 2138.483 $\pm$ 872.008 χ^2/NDF : 2.9/7

Left Out: -1408.552 $\pm$ 327.425 χ^2/NDF : 34.8/25

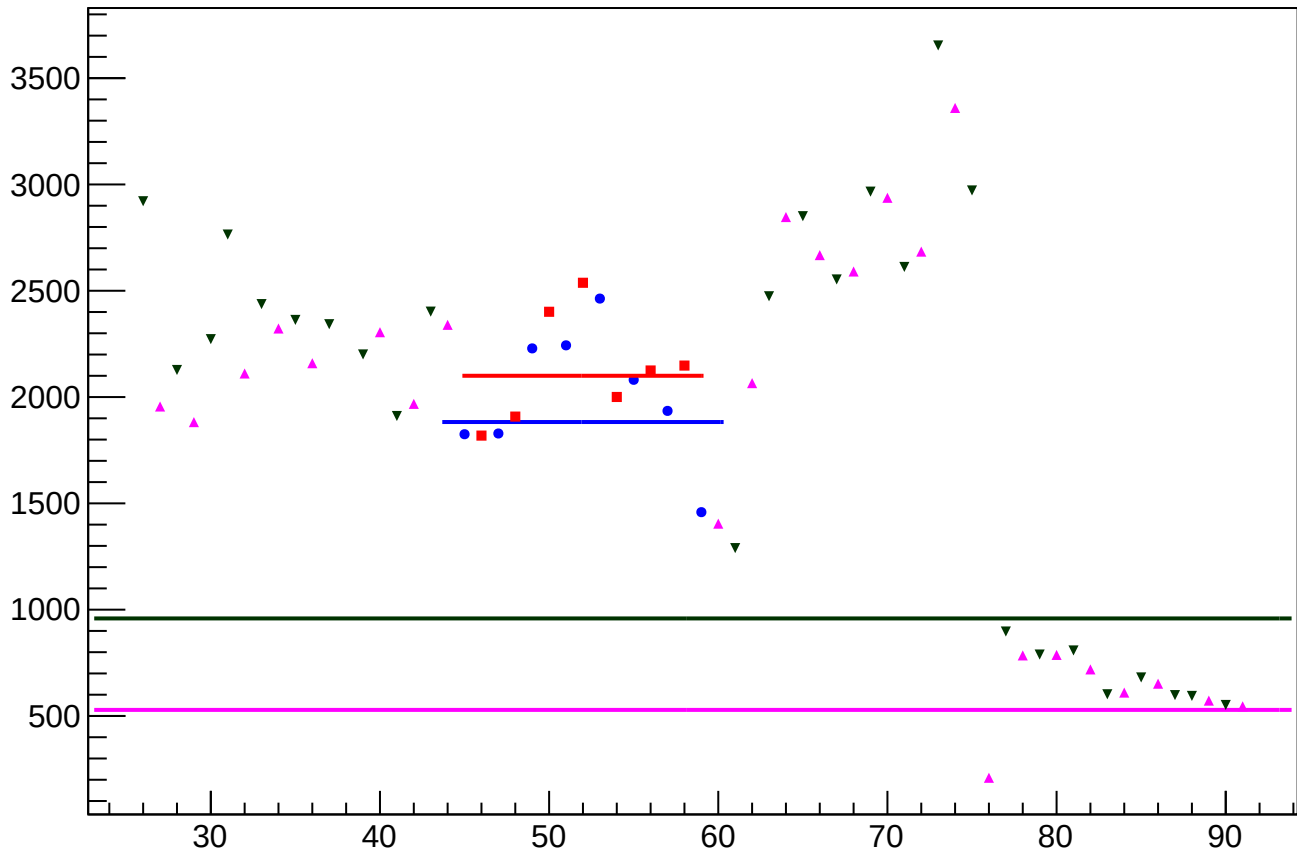
Right Out: -800.202 $\pm$ 1136.817 χ^2/NDF : 8.3/6

Left In: 411.826 $\pm$ 209.246 χ^2/NDF : 20.8/23

-970.256 $\pm$ 306.529 χ^2/NDF : 52.3/33

372.109 $\pm$ 205.789 χ^2/NDF : 30.2/30

asym_atl2_correction_rms vs slug



Right In: 1882.595+/-0.617 χ^2/NDF : 273003.5/7

Left Out: 958.759+/-0.232 χ^2/NDF : 8229580.1/25

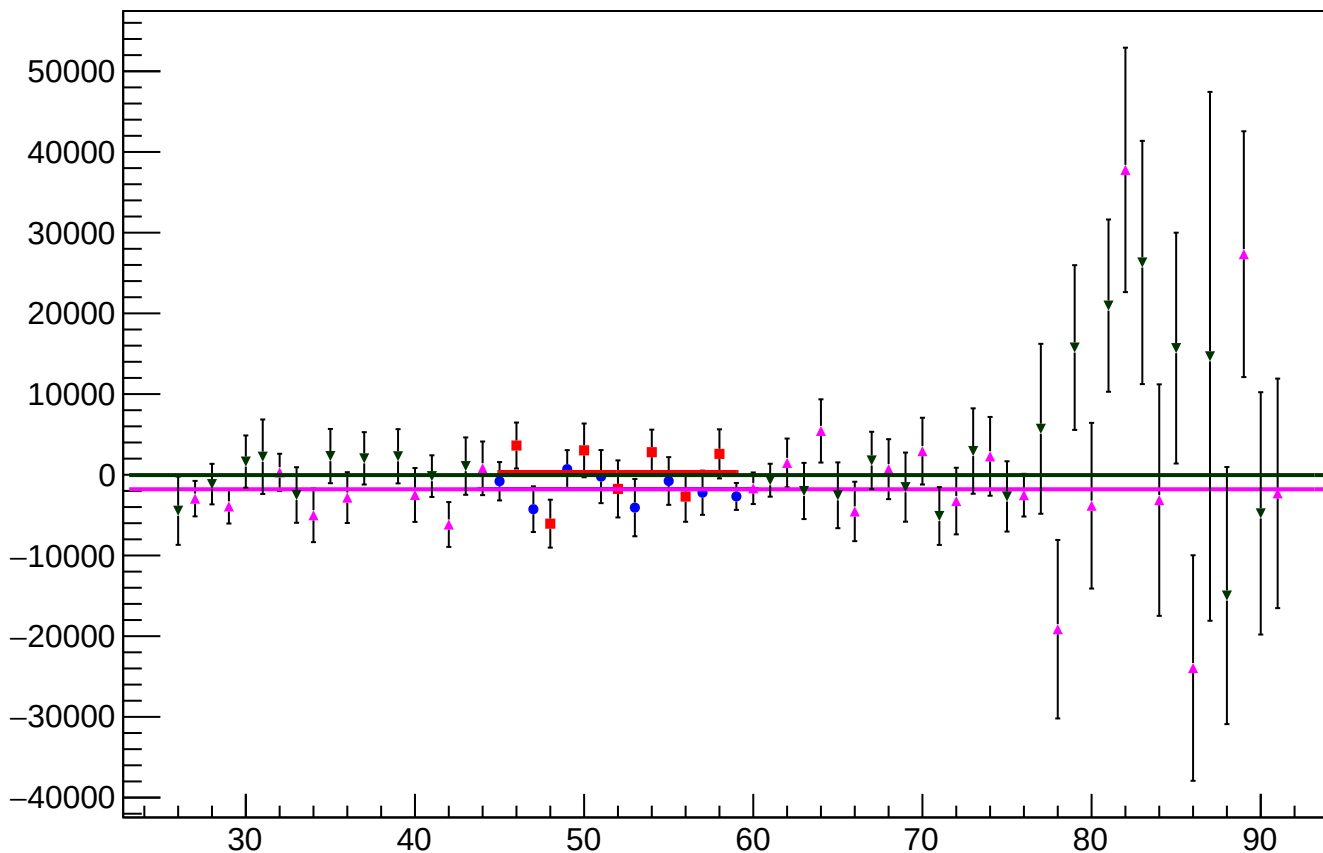
Right Out: 2100.135+/-0.804 χ^2/NDF : 80645.8/6

Left In: 528.559+/-0.148 χ^2/NDF : 13596631.8/23

1072.914+/-0.217 χ^2/NDF : 10470005.0/33

580.058+/-0.146 χ^2/NDF : 17374281.0/30

asym_atl2_mean vs slug



Right In: -1775.997 ± 890.503 χ^2/NDF : 3.1/7

Left Out: -39.774 ± 773.295 χ^2/NDF : 19.7/25

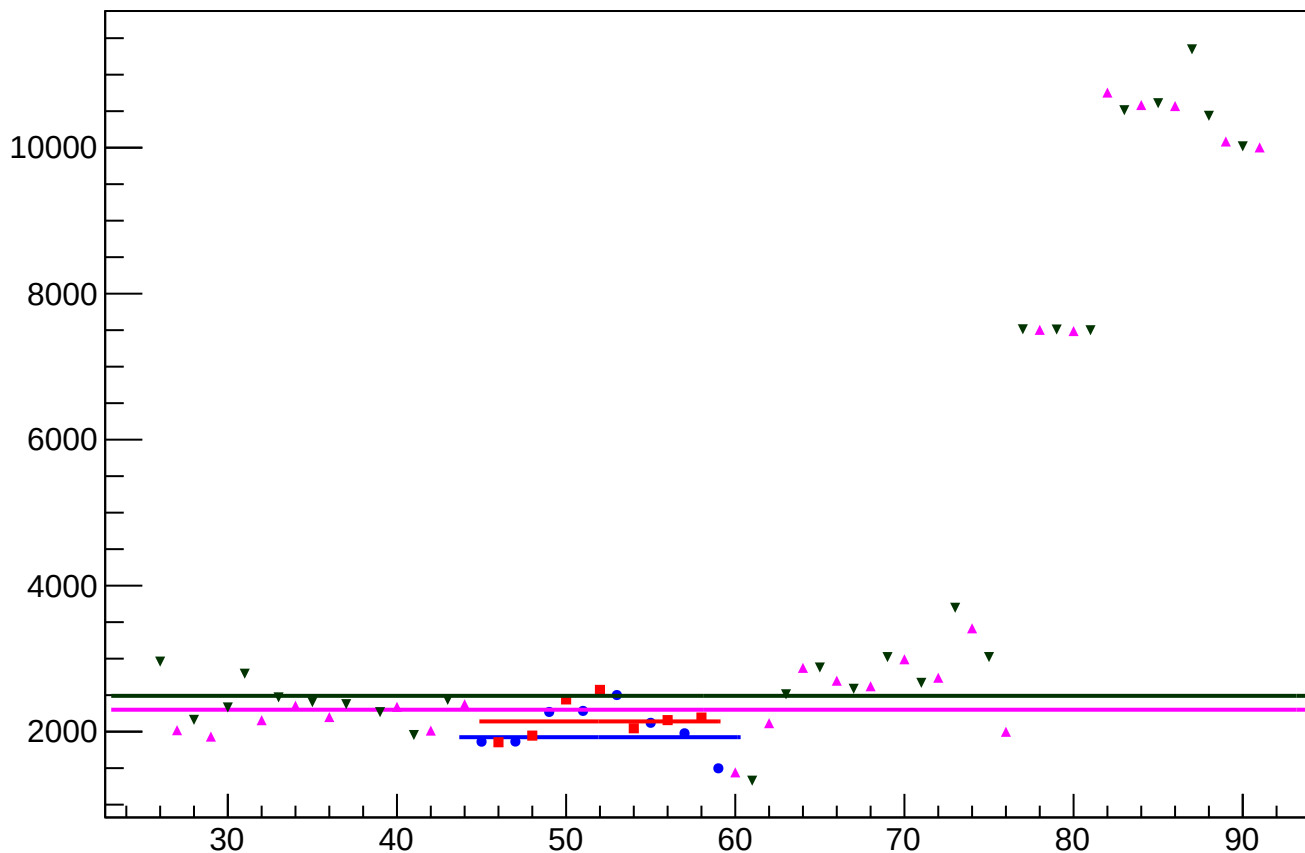
Right Out: 343.245 ± 1157.968 χ^2/NDF : 9.2/6

Left In: -1793.548 ± 699.450 χ^2/NDF : 29.6/23

-786.180 ± 583.876 χ^2/NDF : 25.0/33

-1222.338 ± 598.705 χ^2/NDF : 41.3/30

asym_atl2_rms vs slug



Right In: 1923.971+/-0.630 χ^2/NDF : 262484.1/7

Left Out: 2490.609+/-0.547 χ^2/NDF : 4747720.1/25

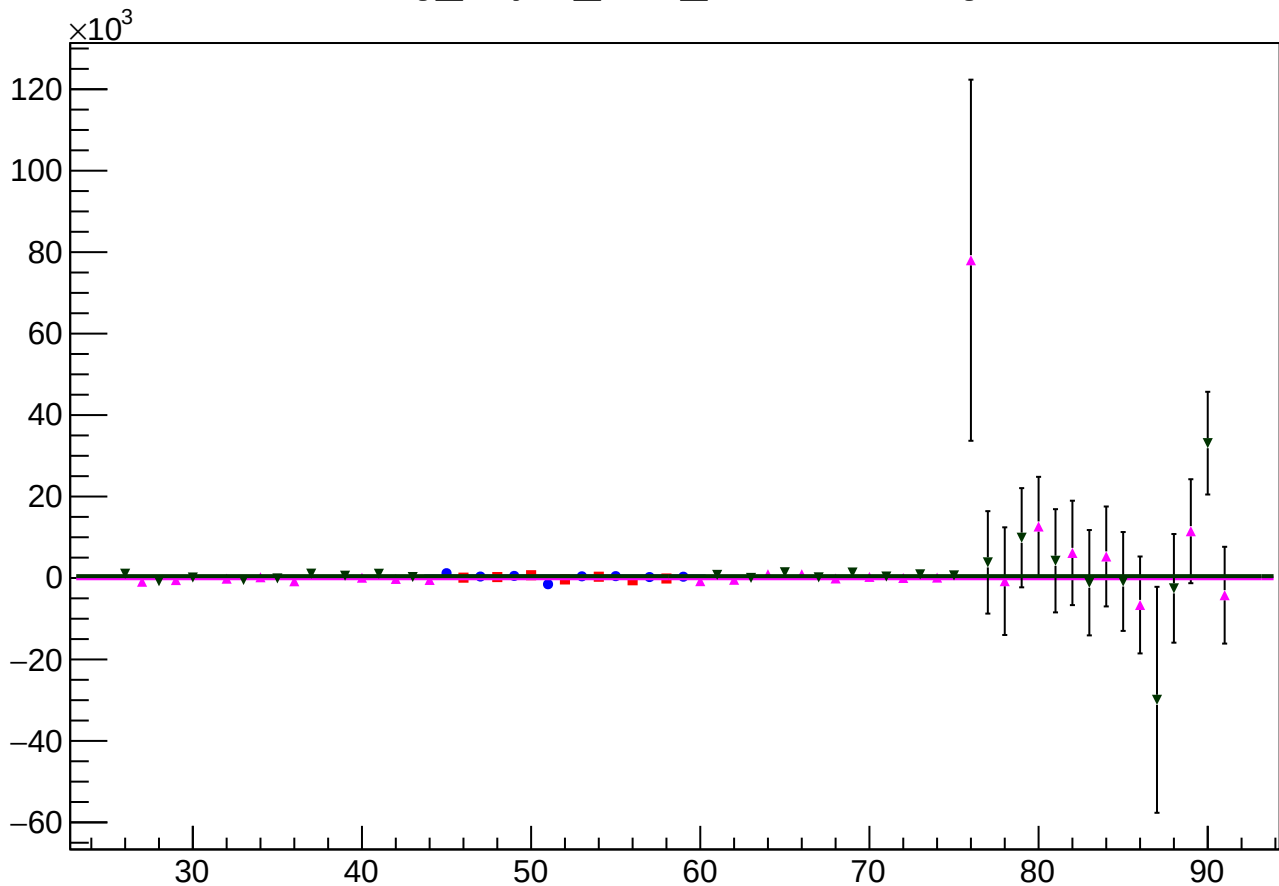
Right Out: 2140.141+/-0.819 χ^2/NDF : 77791.2/6

Left In: 2300.330+/-0.495 χ^2/NDF : 4861678.8/23

2247.010+/-0.413 χ^2/NDF : 5471862.4/33

2257.508+/-0.423 χ^2/NDF : 4967512.4/30

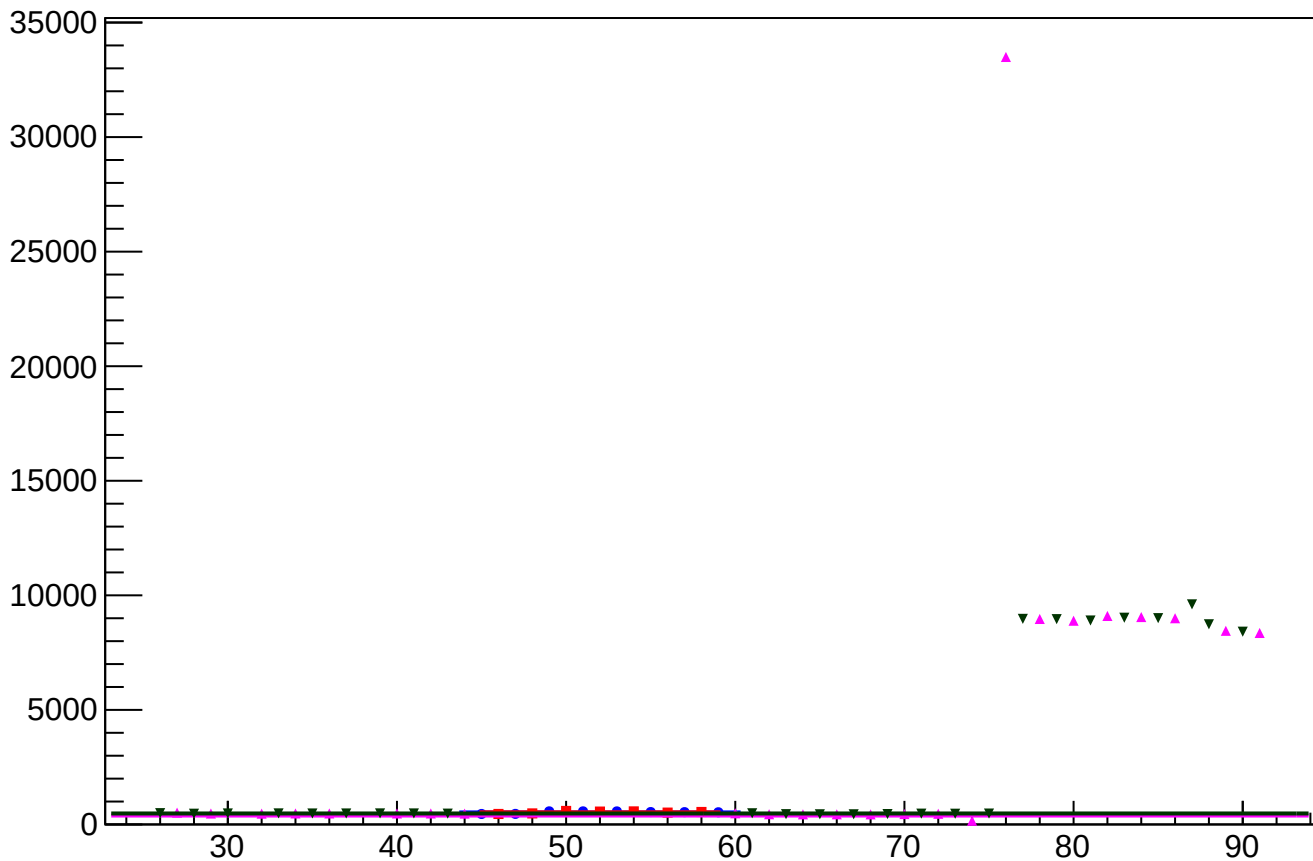
reg_asym_atr1_mean vs slug



Right In: 355.264 $\pm$ 240.556 χ^2 /NDF: 7.4/7
 Left Out: 454.027 $\pm$ 157.943 χ^2 /NDF:25.2/24
 Right Out: 29.387 $\pm$ 284.327 χ^2 /NDF: 1.8/6
 Left In: -67.587 $\pm$ 134.946 χ^2 /NDF:18.3/23

424.277 $\pm$ 132.028 χ^2 /NDF: 32.7/32
 -49.758 $\pm$ 121.912 χ^2 /NDF: 20.1/30

reg_asym_atr1_rms vs slug



Right In: 526.110+/-0.170 χ^2/NDF : 70118.8/7

Left Out: 479.640+/-0.112 χ^2/NDF : 6423479.2/24

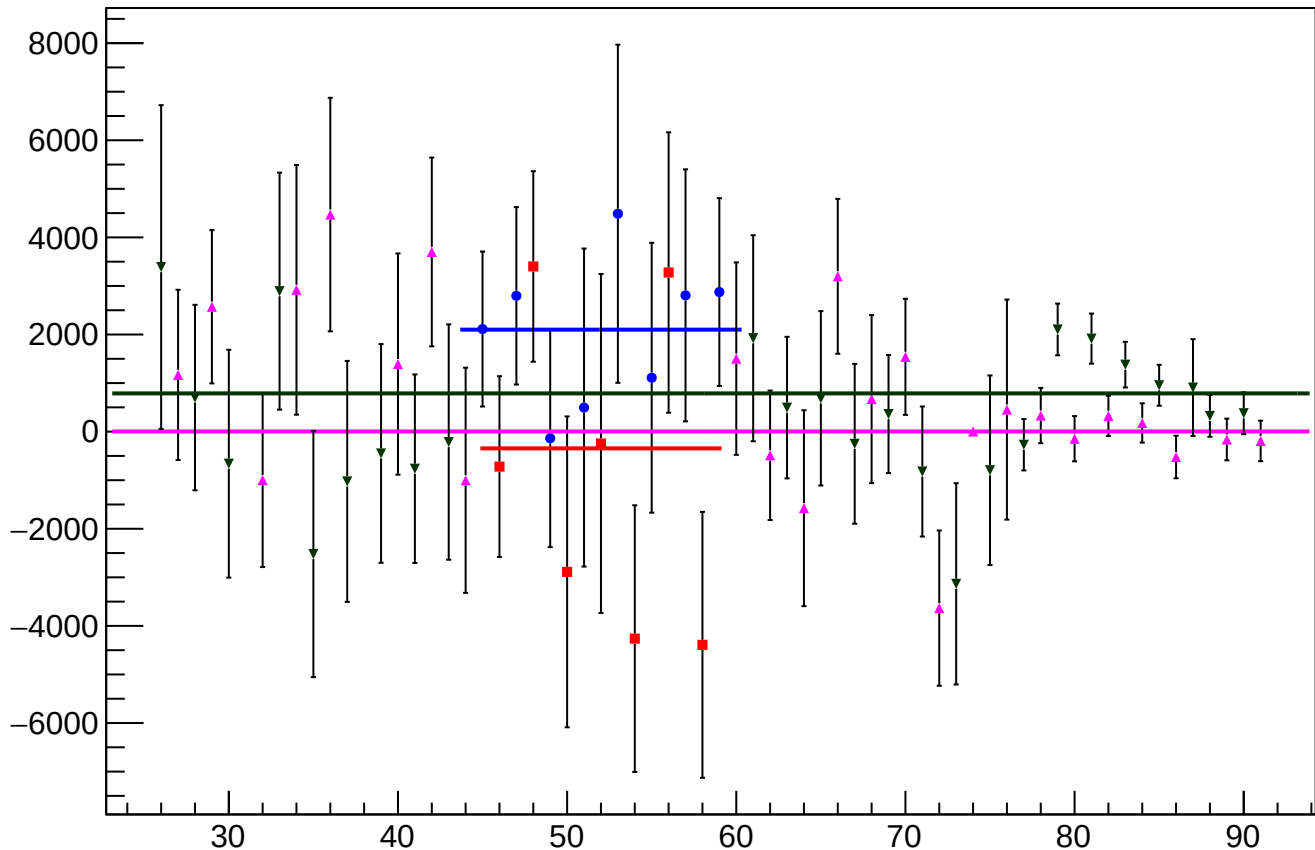
Right Out: 528.436+/-0.201 χ^2/NDF : 50764.8/6

Left In: 389.292+/-0.095 χ^2/NDF : 9777778.2/23

493.638+/-0.093 χ^2/NDF : 6545751.0/32

414.873+/-0.086 χ^2/NDF : 10219471.9/30

asym_atr1_correction_mean vs slug



Right In: 2100.386 $\pm$ 787.456 χ^2 /NDF: 2.2/7

Left Out: 787.566 $\pm$ 163.057 χ^2 /NDF:30.3/24

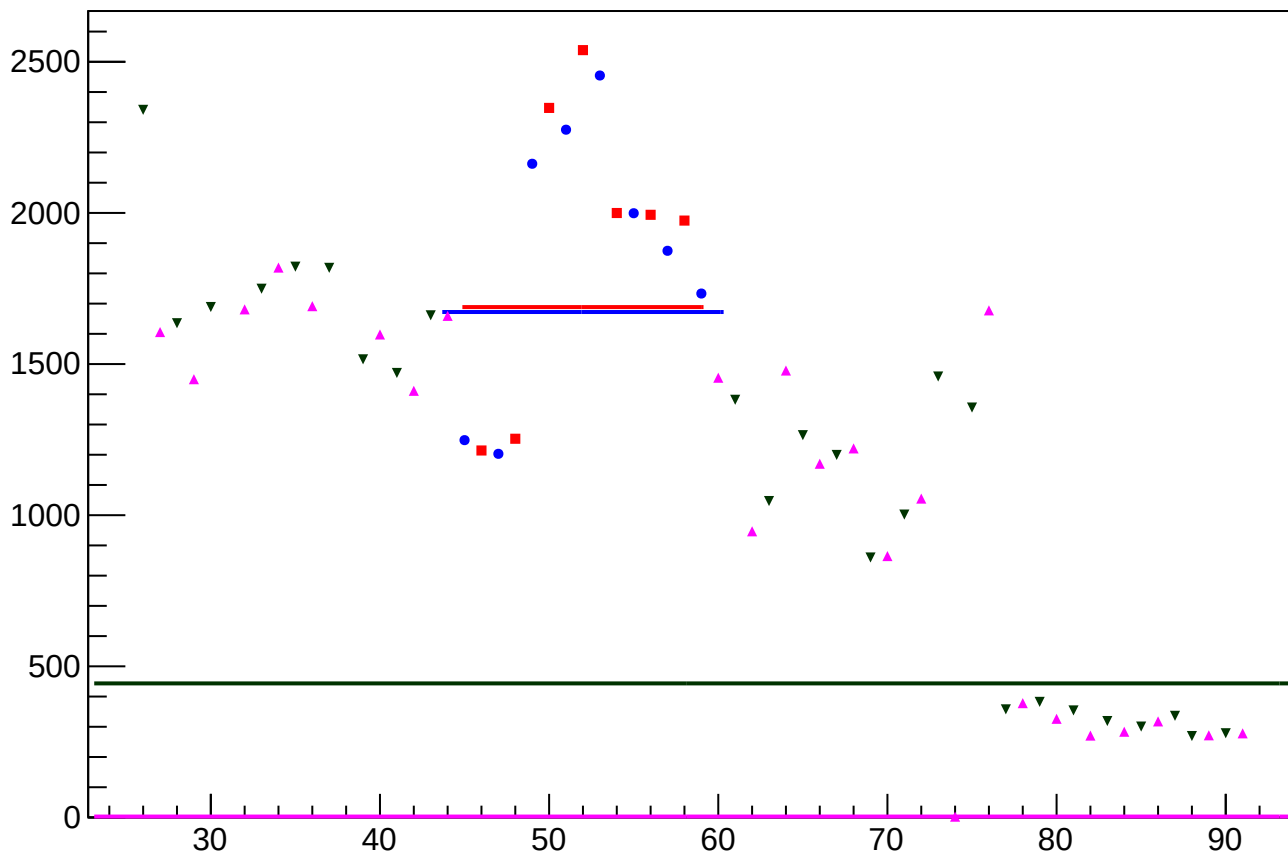
Right Out: -344.121 $\pm$ 947.331 χ^2 /NDF: 10.1/6

Left In: 3.216 $\pm$ 4.895 χ^2 /NDF:27.7/23

841.542 $\pm$ 159.670 χ^2 /NDF: 35.2/32

3.206 $\pm$ 4.895 χ^2 /NDF: 37.9/30

asym_atr1_correction_rms vs slug



Right In: 1672.206 $\pm$ 0.557 χ^2 /NDF: 579551.0/7

Left Out: 443.497 $\pm$ 0.115 χ^2 /NDF: 9515073.4/24

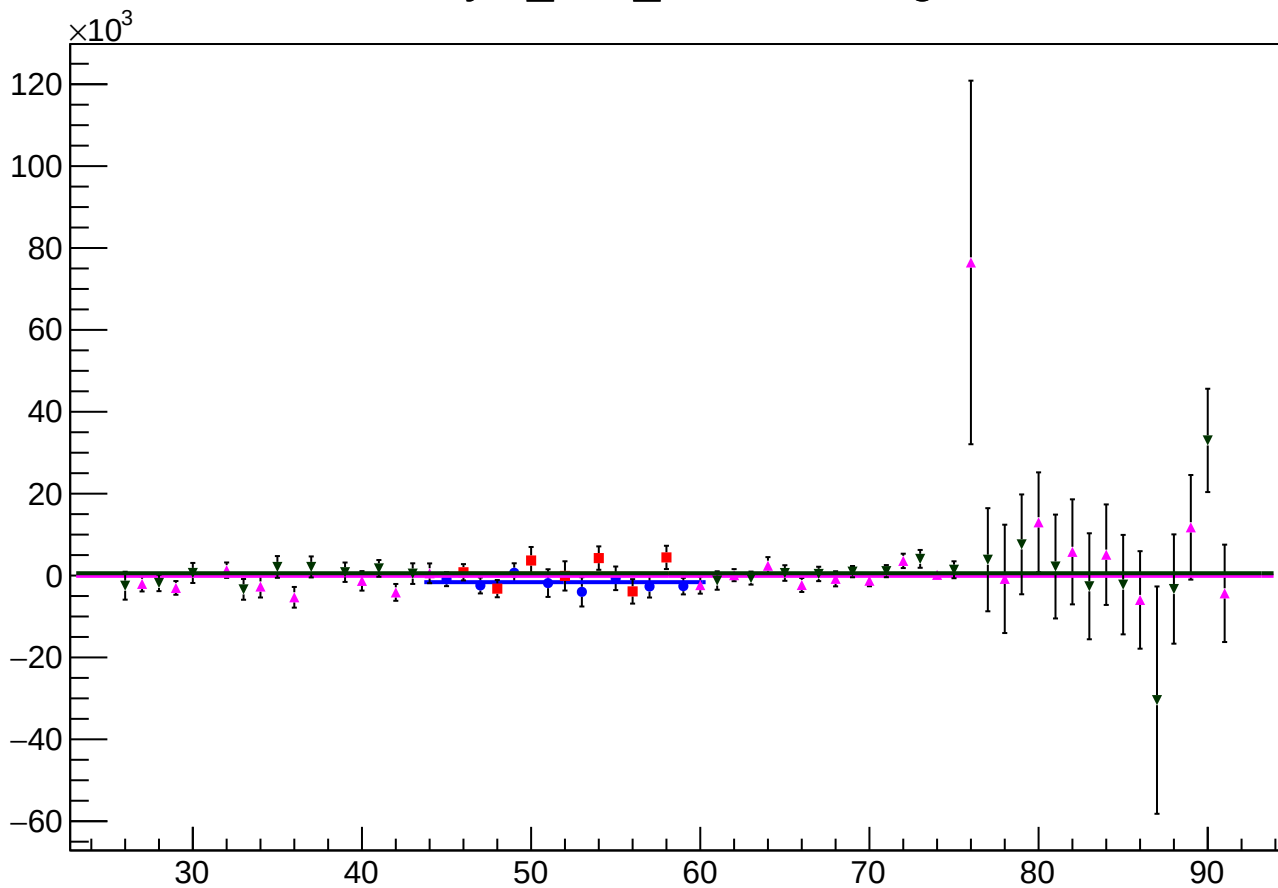
Right Out: 1688.525 $\pm$ 0.670 χ^2 /NDF: 501899.3/6

Left In: 2.993 $\pm$ 0.003 χ^2 /NDF: 24686105.7/23

494.015 $\pm$ 0.113 χ^2 /NDF: 14763817.0/32

3.038 $\pm$ 0.003 χ^2 /NDF: 31519247.0/30

asym_atr1_mean vs slug



Right In: -1616.109 $\pm$ 827.613 χ^2 /NDF: 2.3/7

Left Out: 566.275 $\pm$ 488.266 χ^2 /NDF: 18.3/24

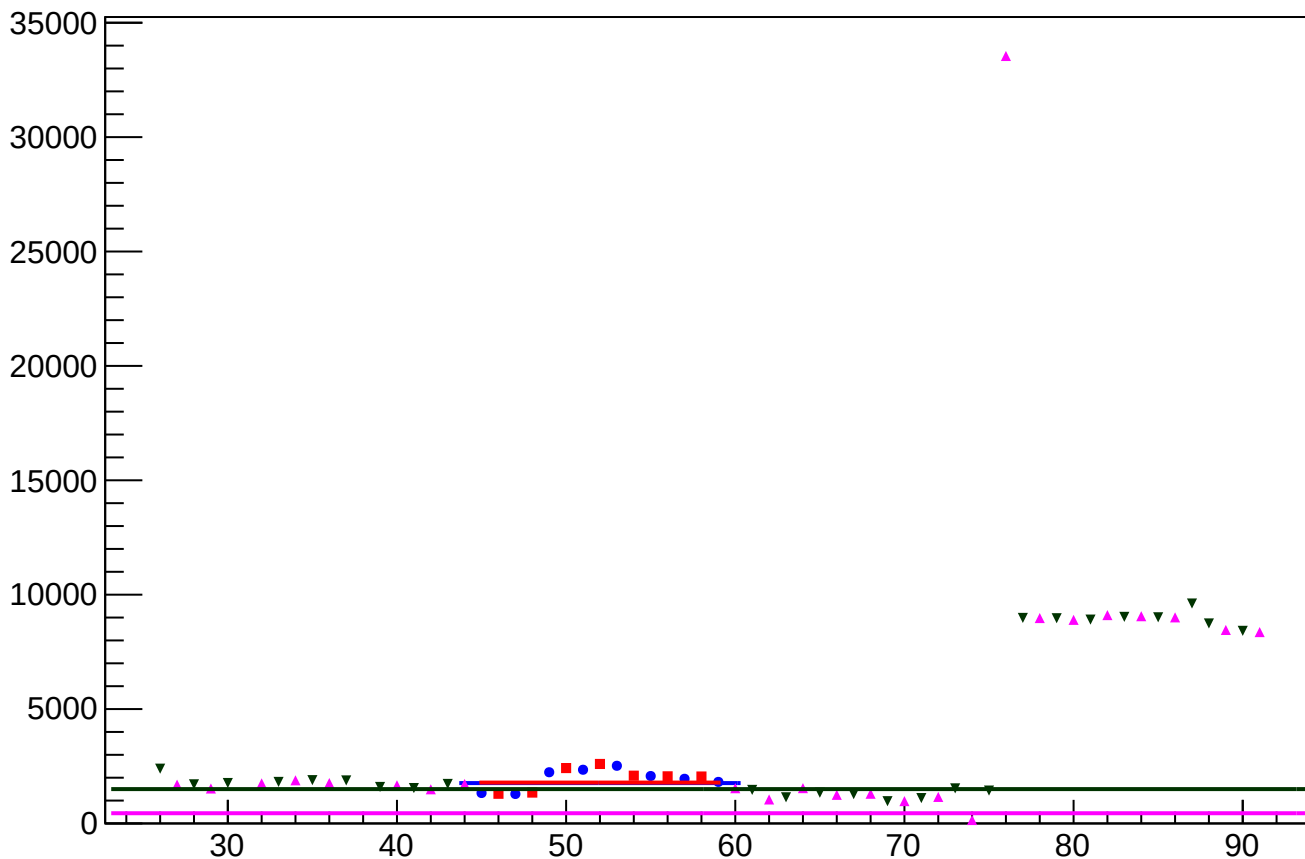
Right Out: 442.800 $\pm$ 996.745 χ^2 /NDF: 9.8/6

Left In: -73.485 $\pm$ 228.018 χ^2 /NDF: 30.3/23

2.794 $\pm$ 420.534 χ^2 /NDF: 25.7/32

-47.811 $\pm$ 222.276 χ^2 /NDF: 40.4/30

asym_atr1_rms vs slug



Right In: 1764.422+/-0.585 χ^2/NDF : 514893.7/7

Left Out: 1501.869+/-0.345 χ^2/NDF : 5847581.2/24

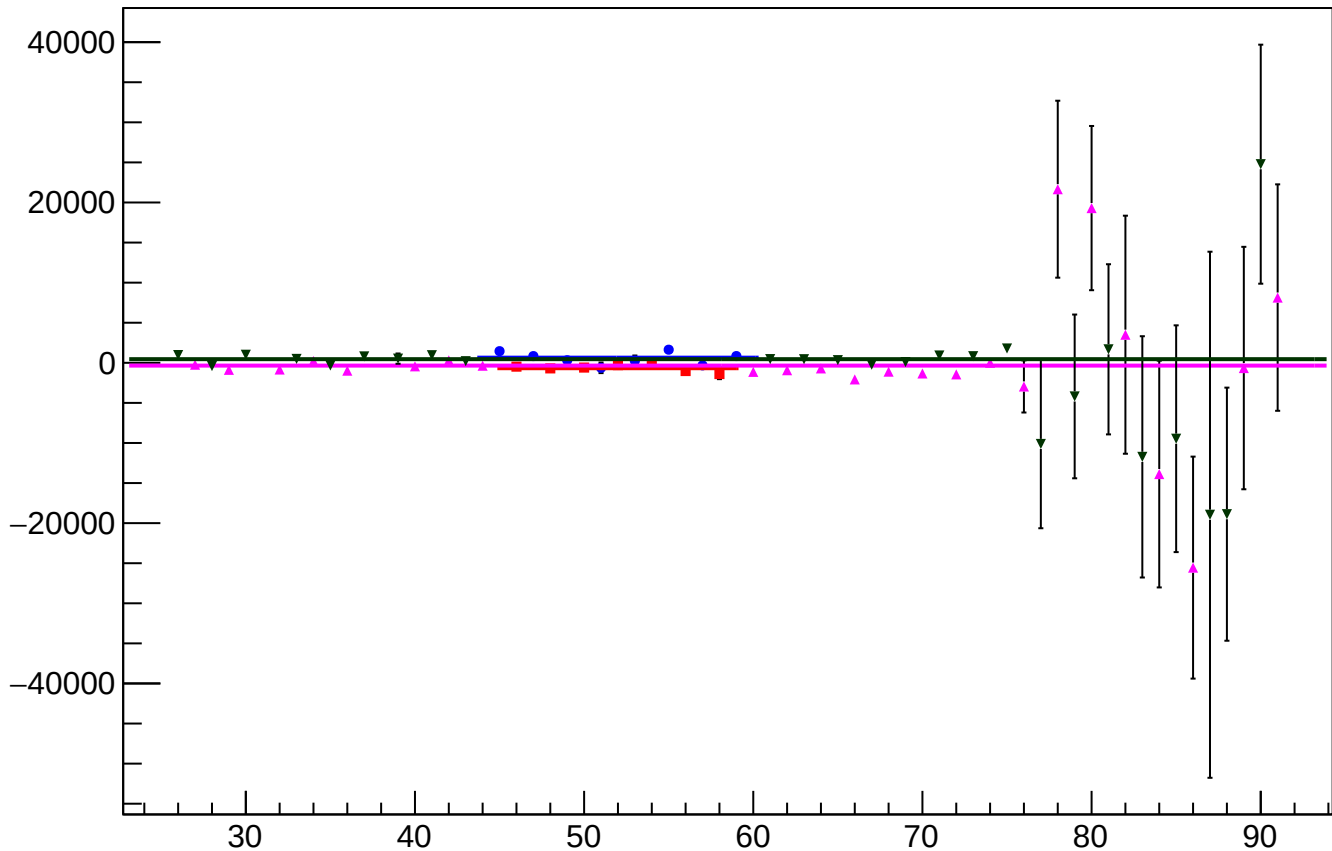
Right Out: 1786.775+/-0.705 χ^2/NDF : 440872.1/6

Left In: 446.900+/-0.161 χ^2/NDF : 18516355.3/23

1569.658+/-0.297 χ^2/NDF : 6511788.5/32

513.532+/-0.157 χ^2/NDF : 22391527.1/30

reg_asym_atr2_mean vs slug



Right In: 642.461+/-190.698 χ^2/NDF : 13.3/7

Left Out: 455.561+/-129.008 χ^2/NDF : 24.3/24

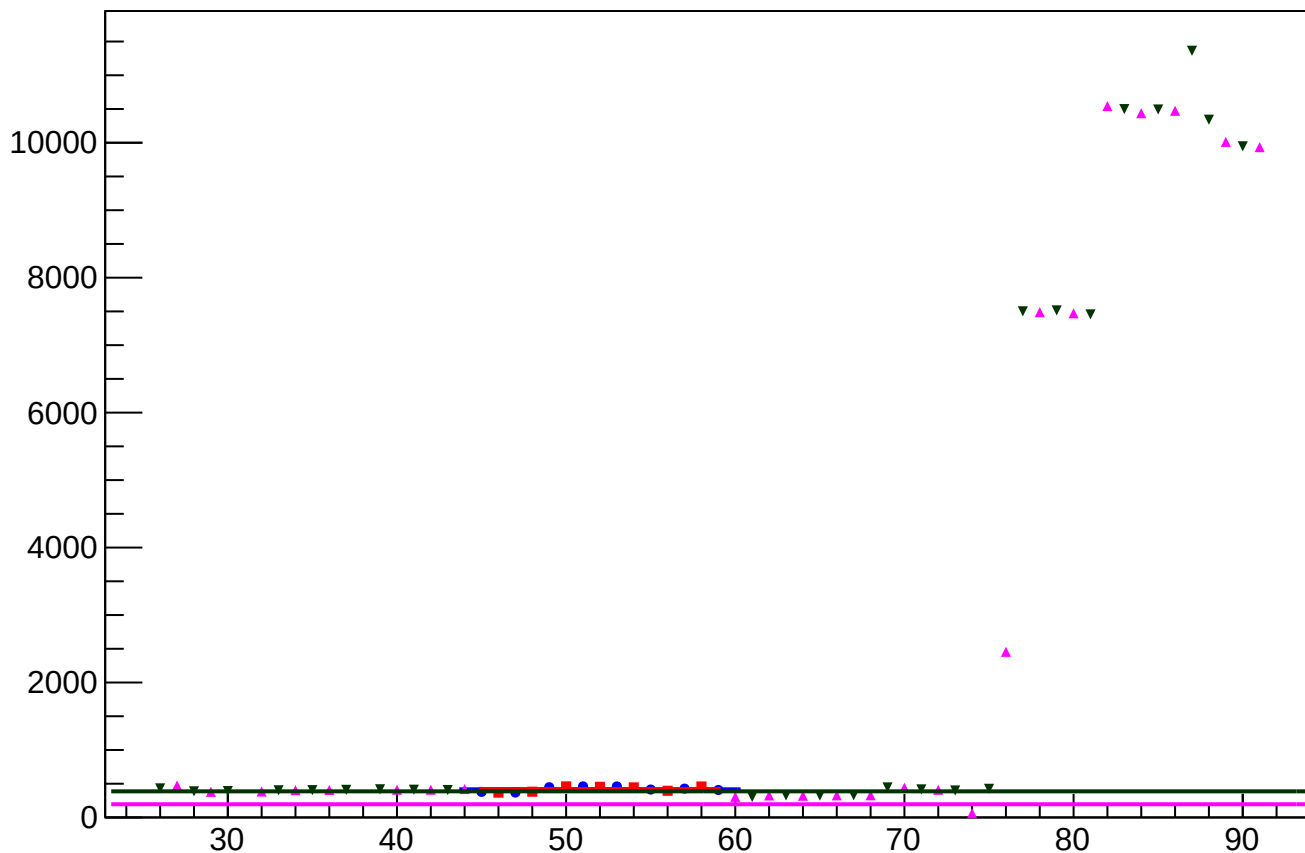
Right Out: -674.240+/-226.277 χ^2/NDF : 2.7/6

Left In: -347.011+/-82.271 χ^2/NDF : 59.5/23

514.241+/-106.854 χ^2/NDF : 38.2/32

-385.218+/-77.319 χ^2/NDF : 64.0/30

reg_asym_atr2_rms vs slug



Right In: 417.143+/-0.135 χ^2/NDF : 54194.1/7

Left Out: 387.092+/-0.091 χ^2/NDF : 6773715.0/24

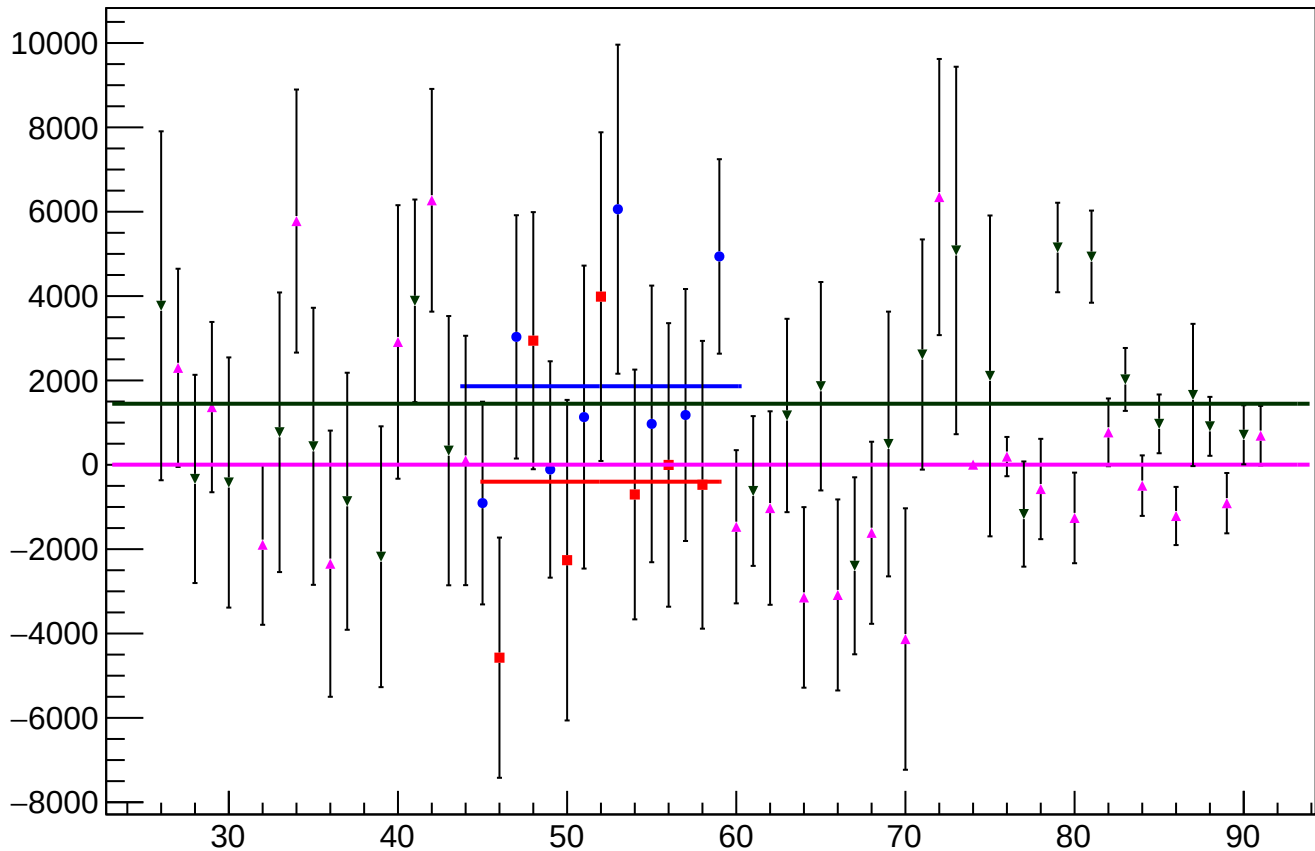
Right Out: 420.291+/-0.160 χ^2/NDF : 54323.1/6

Left In: 195.710+/-0.058 χ^2/NDF : 14935107.5/23

396.527+/-0.076 χ^2/NDF : 6861980.2/32

221.932+/-0.055 χ^2/NDF : 16729522.9/30

asym_atr2_correction_mean vs slug



Right In: 1862.452 $\pm$ 1009.193 χ^2/NDF : 5.2/7

Left Out: 1476.877 $\pm$ 268.108 χ^2/NDF : 45.1/32

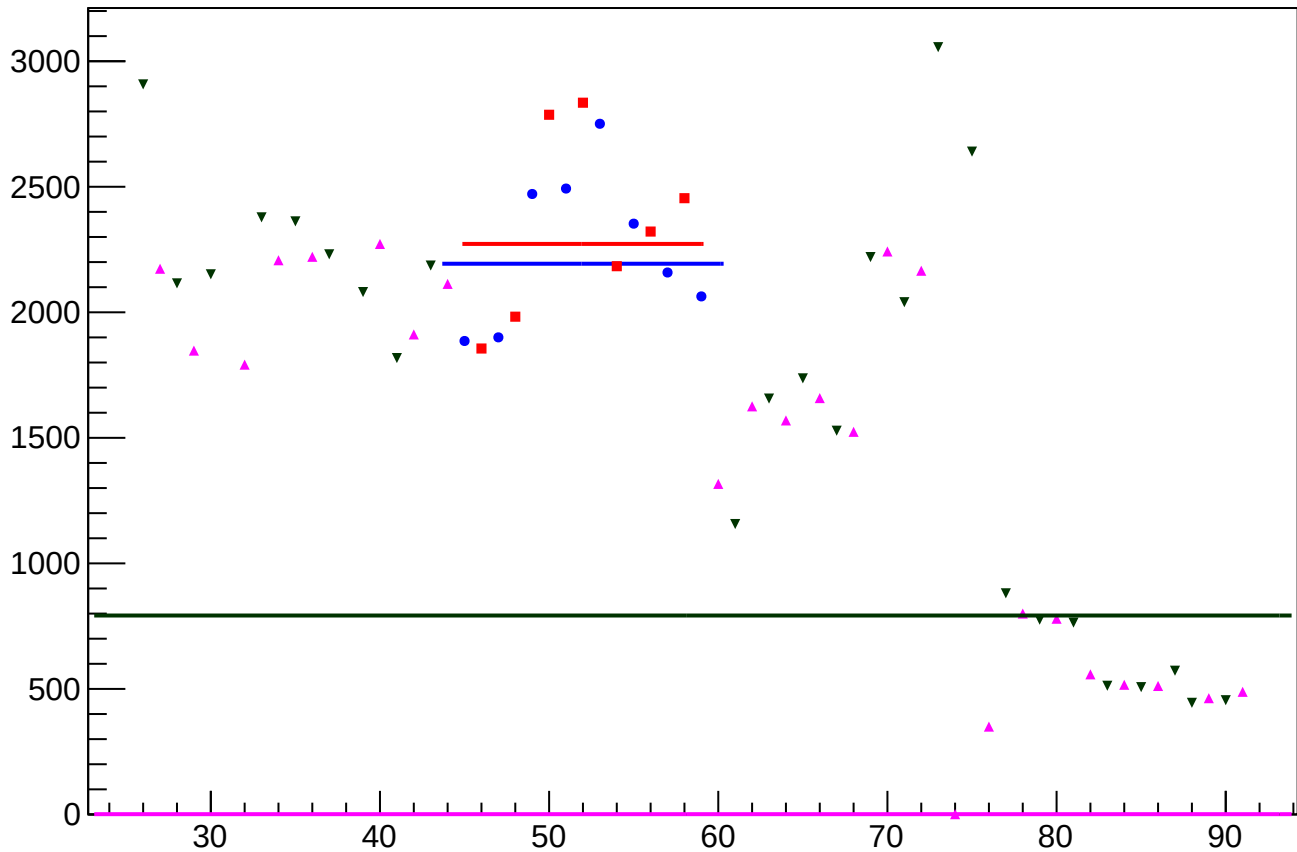
1476.877 $\pm$ 268.108 χ^2/NDF : 45.1/32

Right Out: -400.577 $\pm$ 1235.994 χ^2/NDF : 4.9/6

3.252 $\pm$ 2.048 χ^2/NDF : 37.7/30

Left In: 3.253 $\pm$ 2.048 χ^2/NDF : 32.7/23

asym_atr2_correction_rms vs slug



Right In: 2193.441+/-0.714 χ^2/NDF : 143053.4/7

Left Out: 792.366+/-0.197 χ^2/NDF : 8345138.3/24

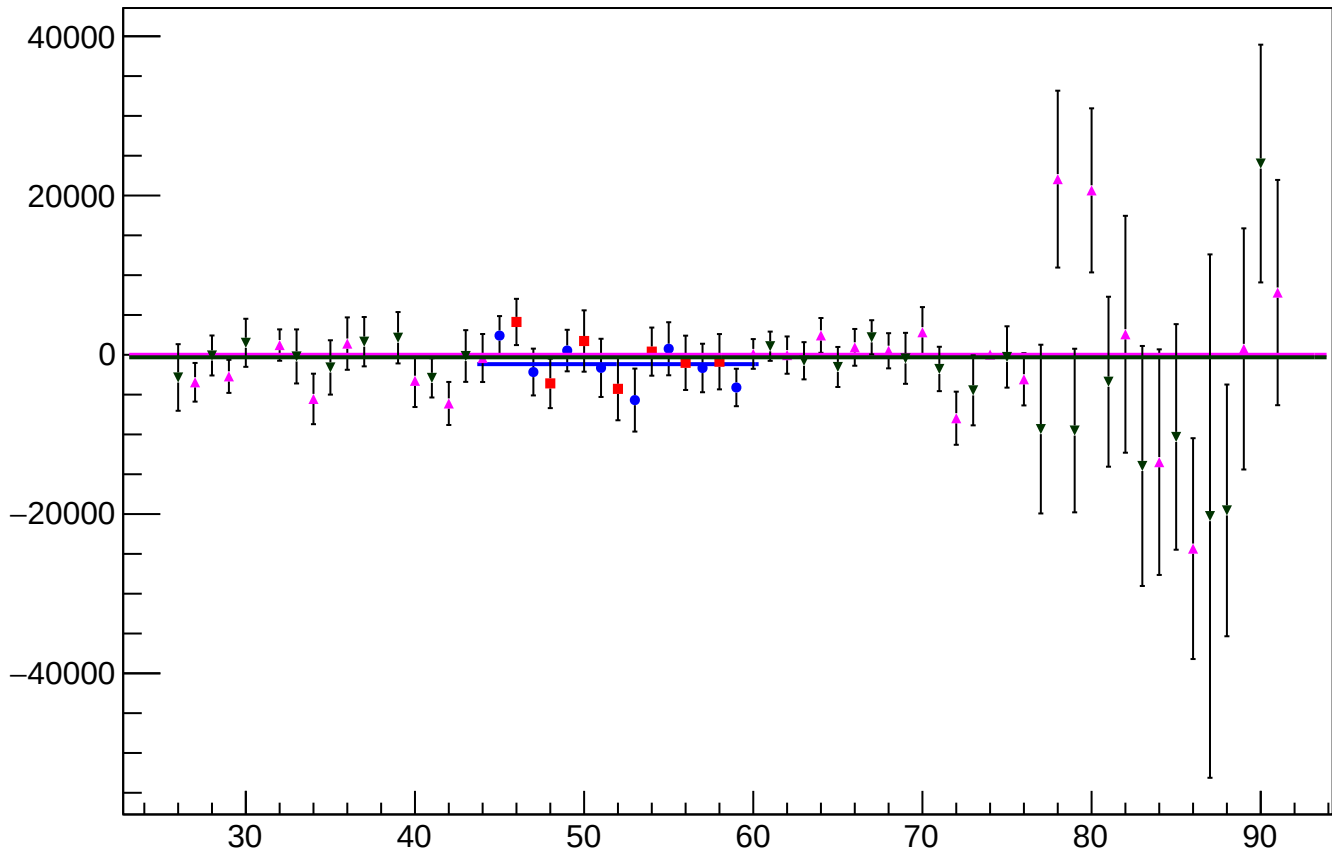
Right Out: 2272.353+/-0.874 χ^2/NDF : 147137.1/6

Left In: 1.128+/-0.001 χ^2/NDF : 25269597.0/23

891.251+/-0.190 χ^2/NDF : 12070947.2/32

1.134+/-0.001 χ^2/NDF : 32170045.2/30

asym_atr2_mean vs slug



Right In: -1173.893 ± 1027.718 χ^2/NDF : 5.9/7

Left Out: -313.028 ± 673.451 χ^2/NDF : 13.8/24

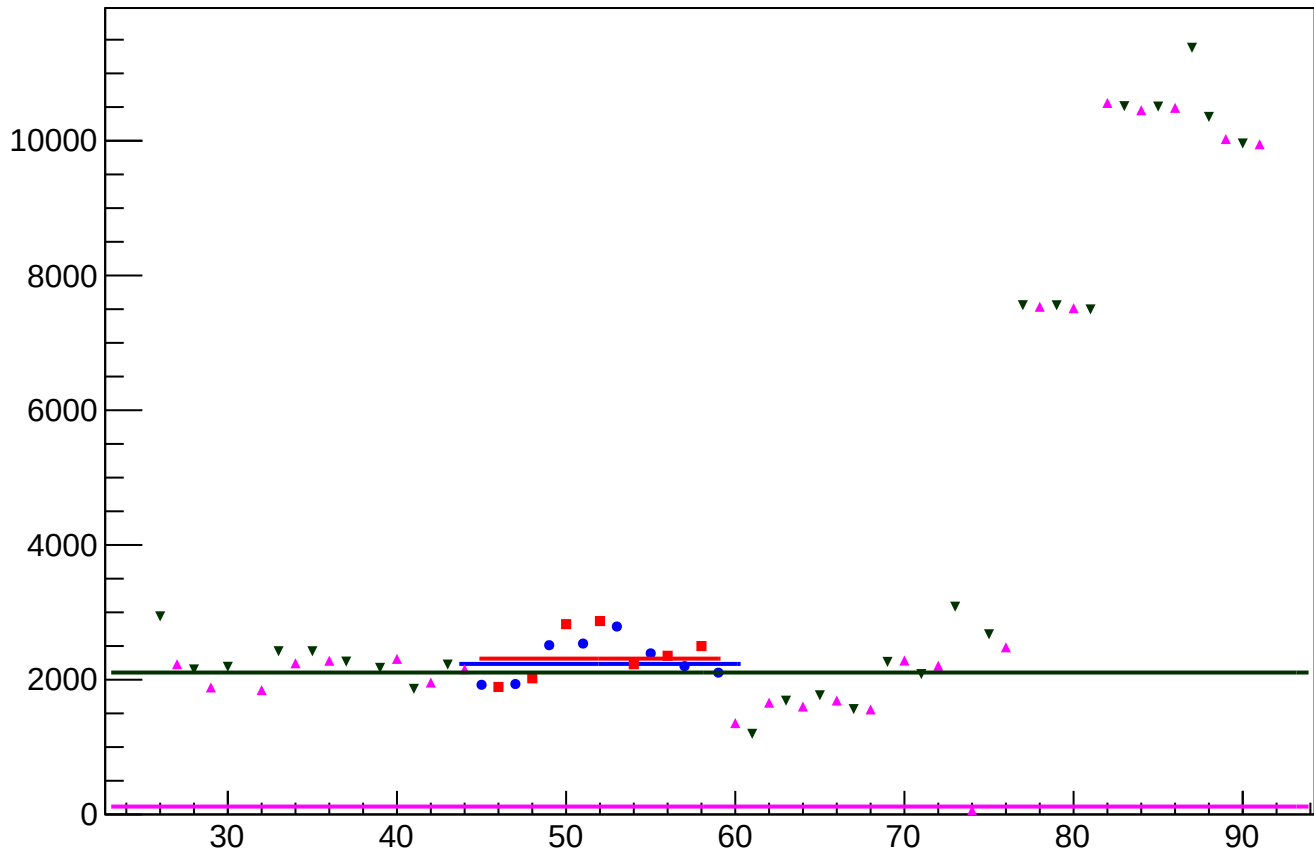
Right Out: -247.686 ± 1257.515 χ^2/NDF : 4.9/6

Left In: 2.139 ± 106.405 χ^2/NDF : 34.6/23

-571.638 ± 563.286 χ^2/NDF : 20.2/32

0.364 ± 106.026 χ^2/NDF : 39.5/30

asym_atr2_rms vs slug



Right In: 2234.526+/-0.727 χ^2/NDF : 139137.5/7

Left Out: 2106.630+/-0.476 χ^2/NDF : 5197447.3/24

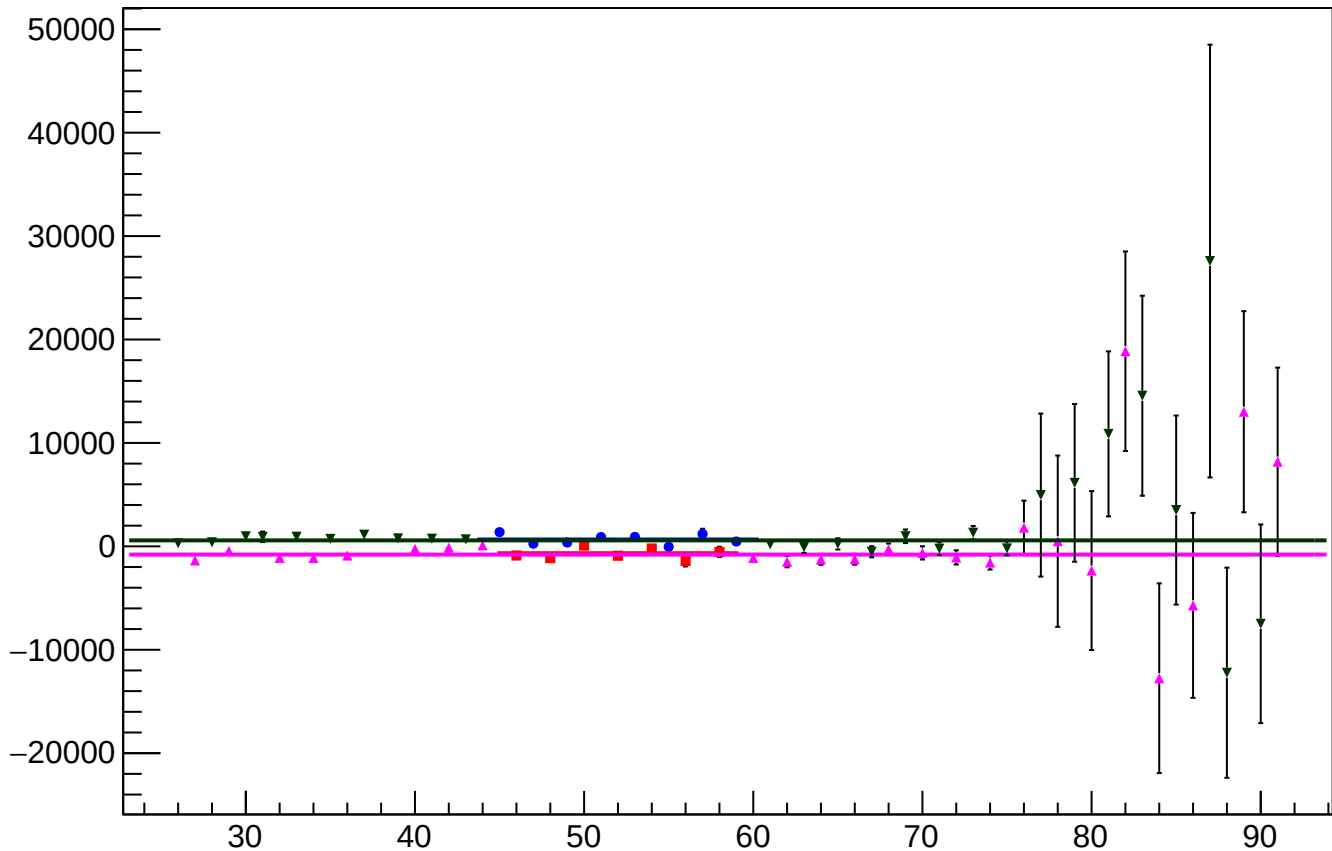
Right Out: 2313.141+/-0.889 χ^2/NDF : 142579.6/6

Left In: 117.106+/-0.075 χ^2/NDF : 23684332.8/23

2145.050+/-0.398 χ^2/NDF : 5358254.0/32

132.717+/-0.075 χ^2/NDF : 29882879.2/30

reg_asym_atl_avg_mean vs slug



Right In: 663.247+/-136.193 χ^2/NDF : 10.1/7

Left Out: 576.999+/-108.787 χ^2/NDF : 25.4/25

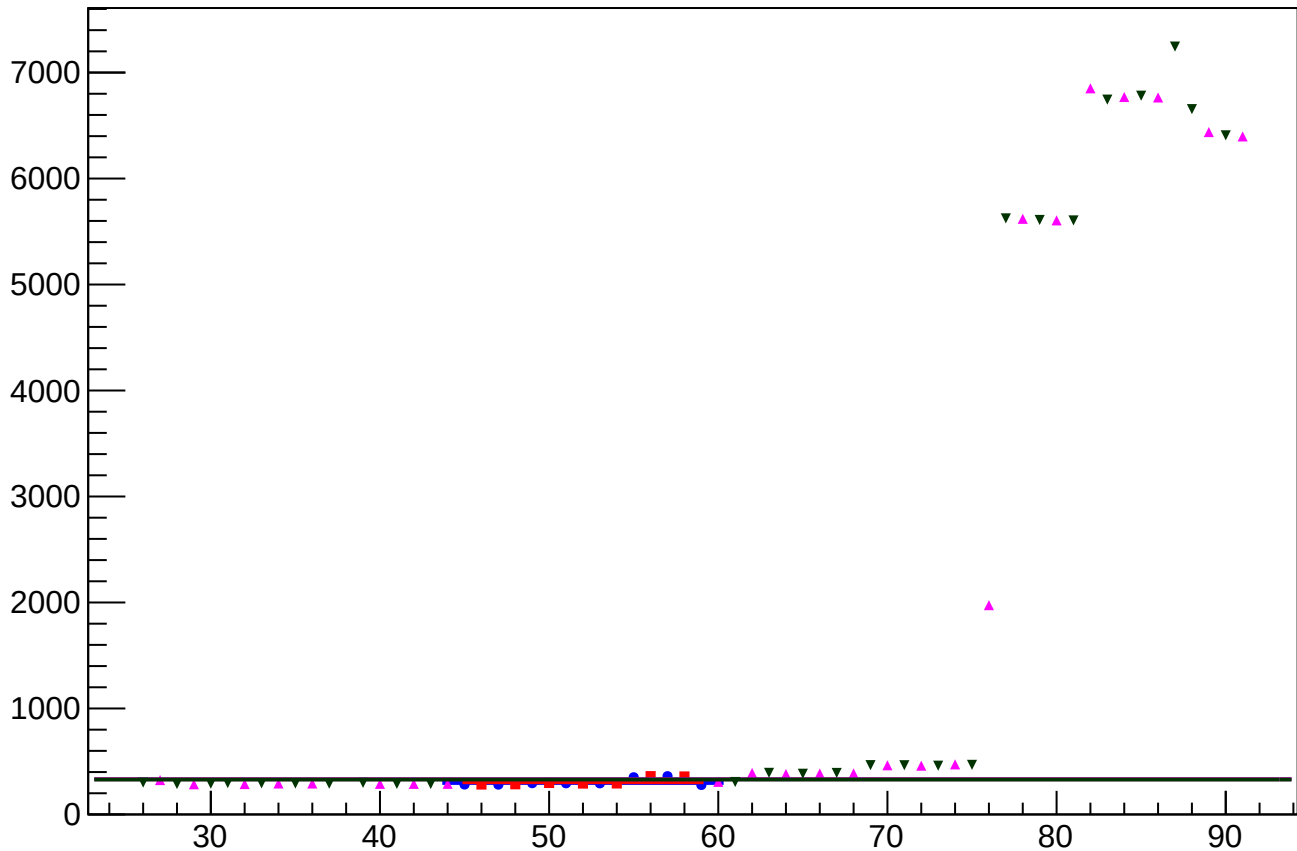
Right Out: -665.450+/-163.827 χ^2/NDF : 8.7/6

Left In: -797.590+/-109.026 χ^2/NDF : 31.4/23

610.594+/-84.999 χ^2/NDF : 35.8/33

-757.031+/-90.764 χ^2/NDF : 40.5/30

reg_asym_atl_avg_rms vs slug



Right In: 297.806 $\pm$ 0.096 χ^2 /NDF: 70707.4/7

Left Out: 329.953 $\pm$ 0.077 χ^2 /NDF: 7009075.6/25

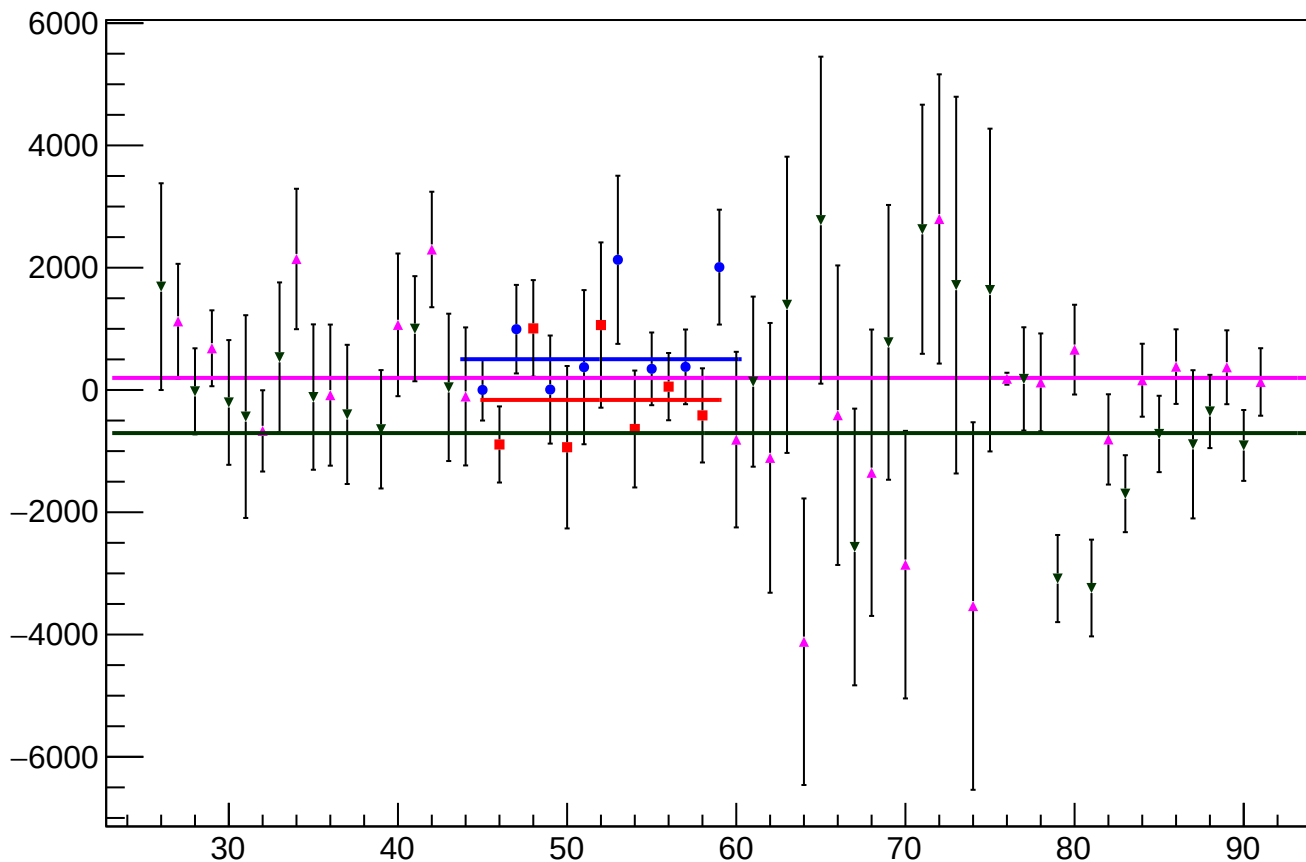
Right Out: 304.468 $\pm$ 0.116 χ^2 /NDF: 61564.8/6

Left In: 332.796 $\pm$ 0.077 χ^2 /NDF: 7679344.8/23

317.431 $\pm$ 0.060 χ^2 /NDF: 7147808.4/33

324.101 $\pm$ 0.064 χ^2 /NDF: 7782353.7/30

asym_atl_avg_correction_mean vs slug



Right In: 503.269 ± 258.394 χ^2/NDF : 5.9/7

Left Out: -705.100 ± 191.881 χ^2/NDF : 42.4/25

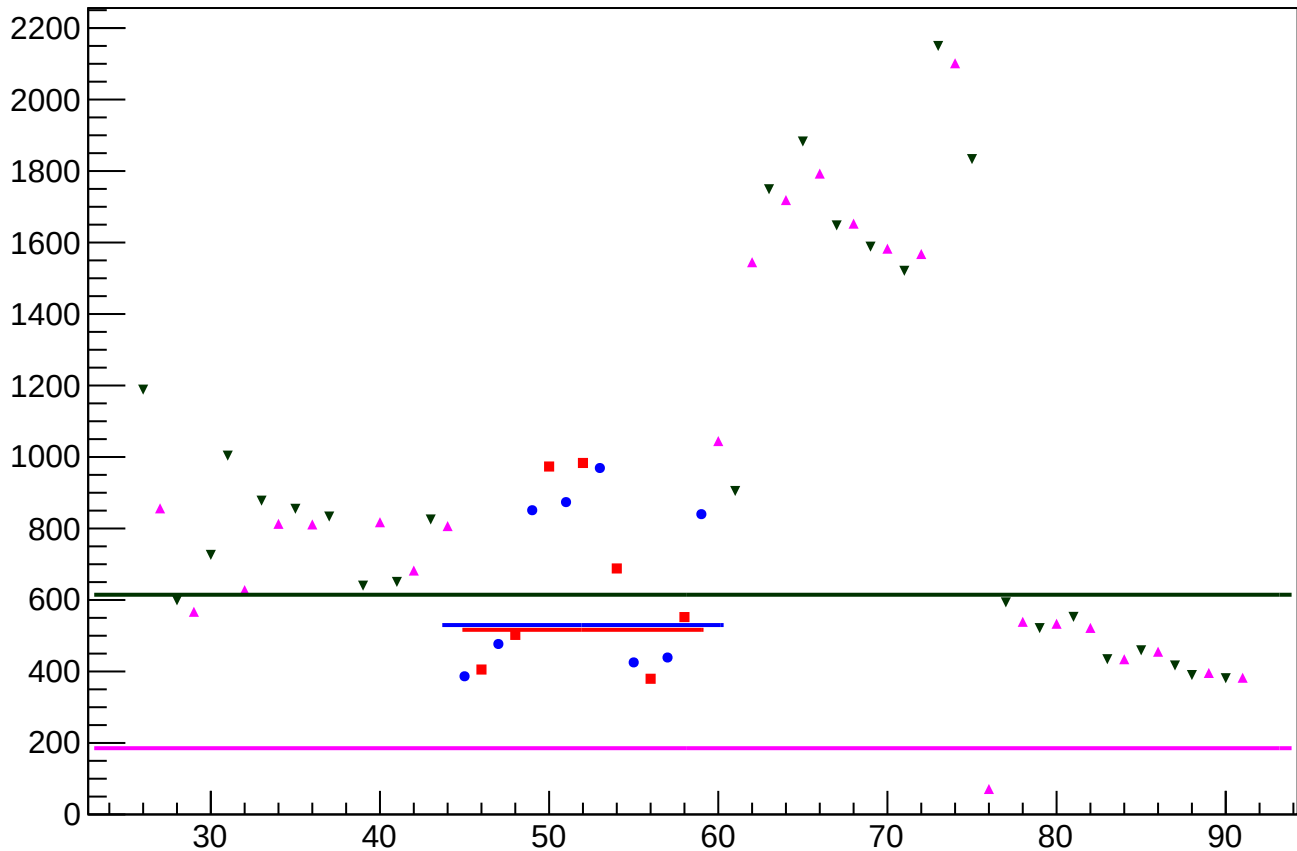
Right Out: -162.703 ± 296.411 χ^2/NDF : 5.2/6

Left In: 197.349 ± 86.638 χ^2/NDF : 23.7/23

-275.600 ± 154.051 χ^2/NDF : 62.4/33

169.010 ± 83.159 χ^2/NDF : 30.3/30

asym_atl_avg_correction_rms vs slug



Right In: 529.860+/-0.183 χ^2/NDF : 1116017.9/7

Left Out: 614.660+/-0.136 χ^2/NDF : 4761293.3/25

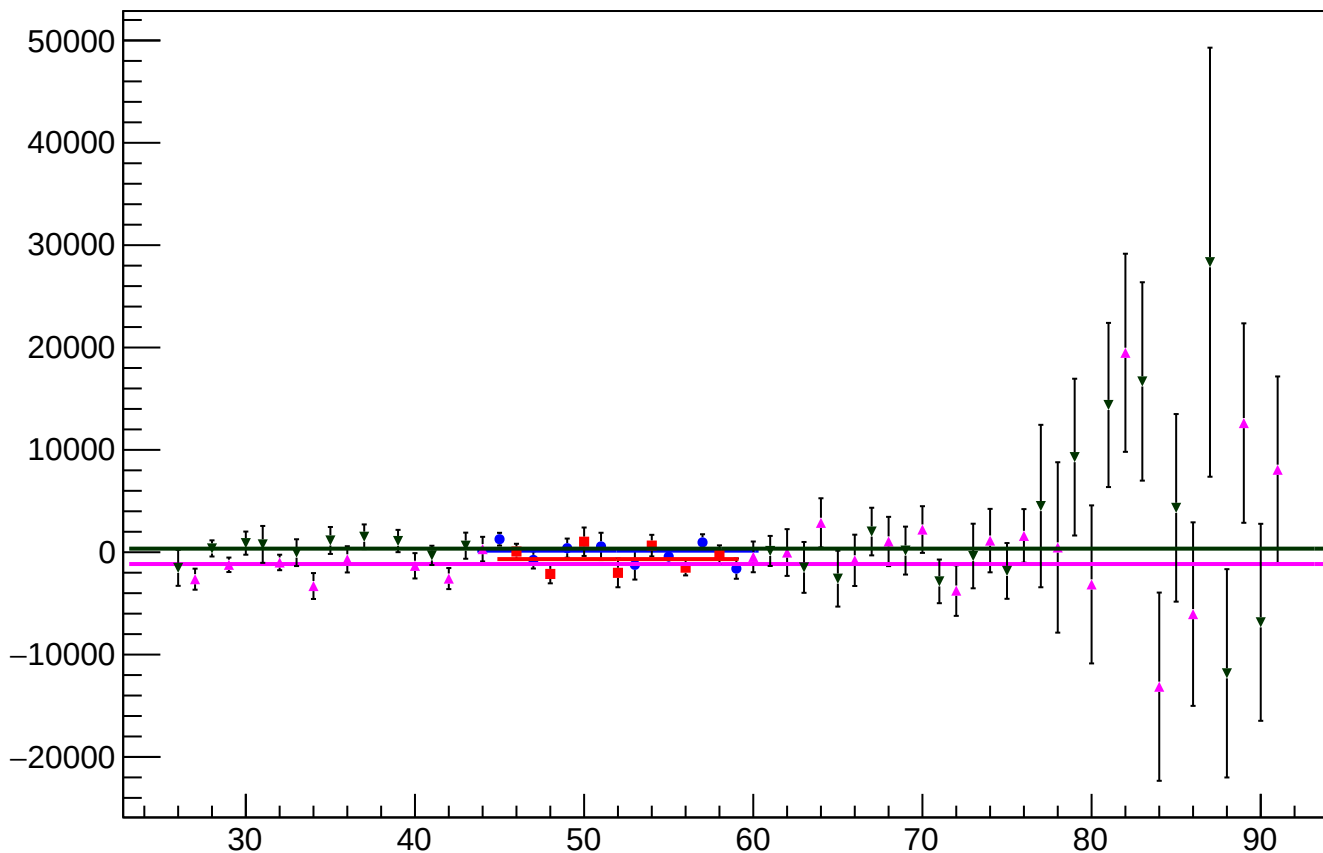
Right Out: 516.555+/-0.210 χ^2/NDF : 731948.7/6

Left In: 185.351+/-0.061 χ^2/NDF : 17098277.0/23

584.519+/-0.109 χ^2/NDF : 6016154.3/33

211.420+/-0.059 χ^2/NDF : 20130749.0/30

asym_atl_avg_mean vs slug



Right In: 153.709+/-309.891 χ^2/NDF : 10.2/7

Left Out: 351.291+/-330.920 χ^2/NDF : 20.5/25

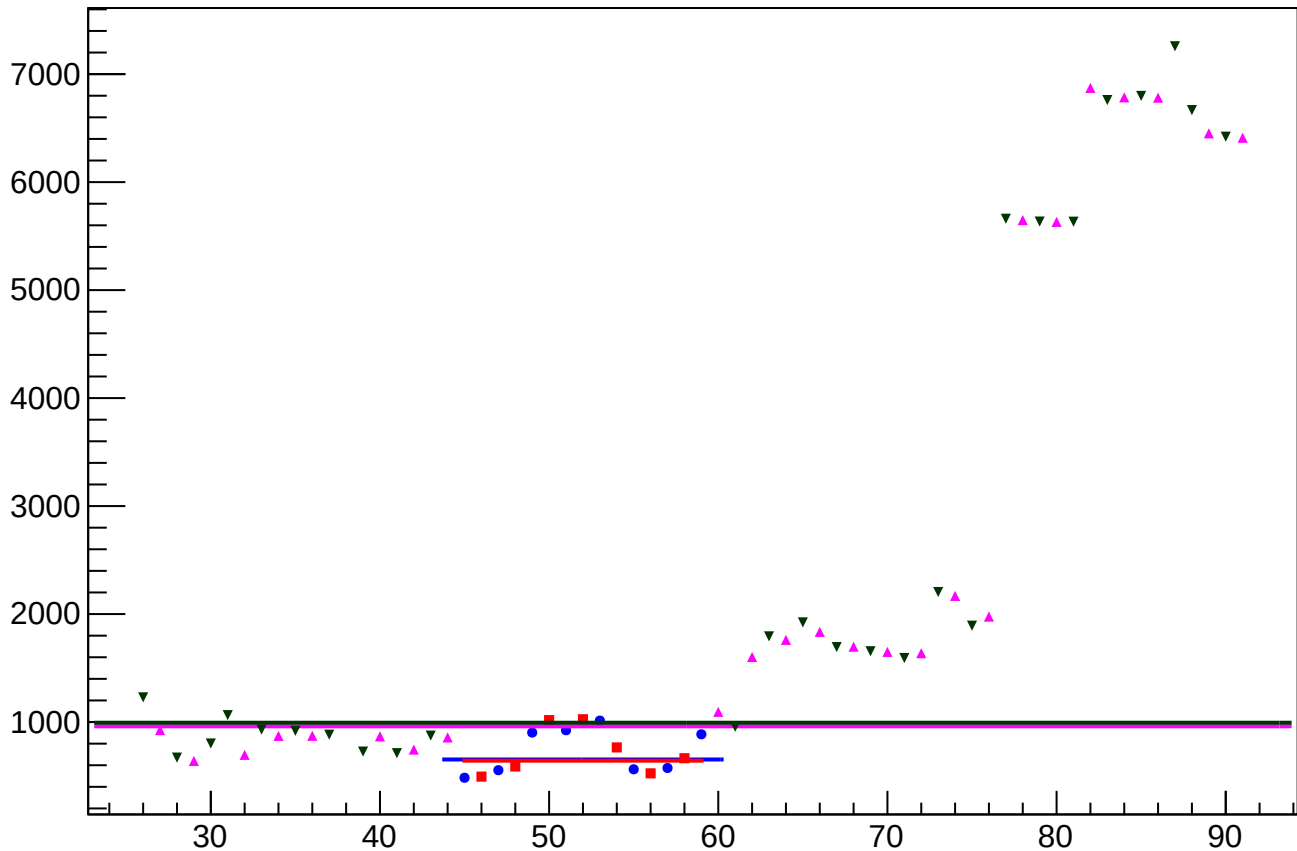
Right Out: -670.736+/-359.017 χ^2/NDF : 8.8/6

Left In: -1152.493+/-315.310 χ^2/NDF : 27.3/23

246.023+/-226.195 χ^2/NDF : 30.9/33

-942.709+/-236.912 χ^2/NDF : 37.1/30

asym_atl_avg_rms vs slug



Right In: 653.317+/-0.219 χ^2/NDF : 682377.0/7

Left Out: 993.735+/-0.234 χ^2/NDF : 7271187.4/25

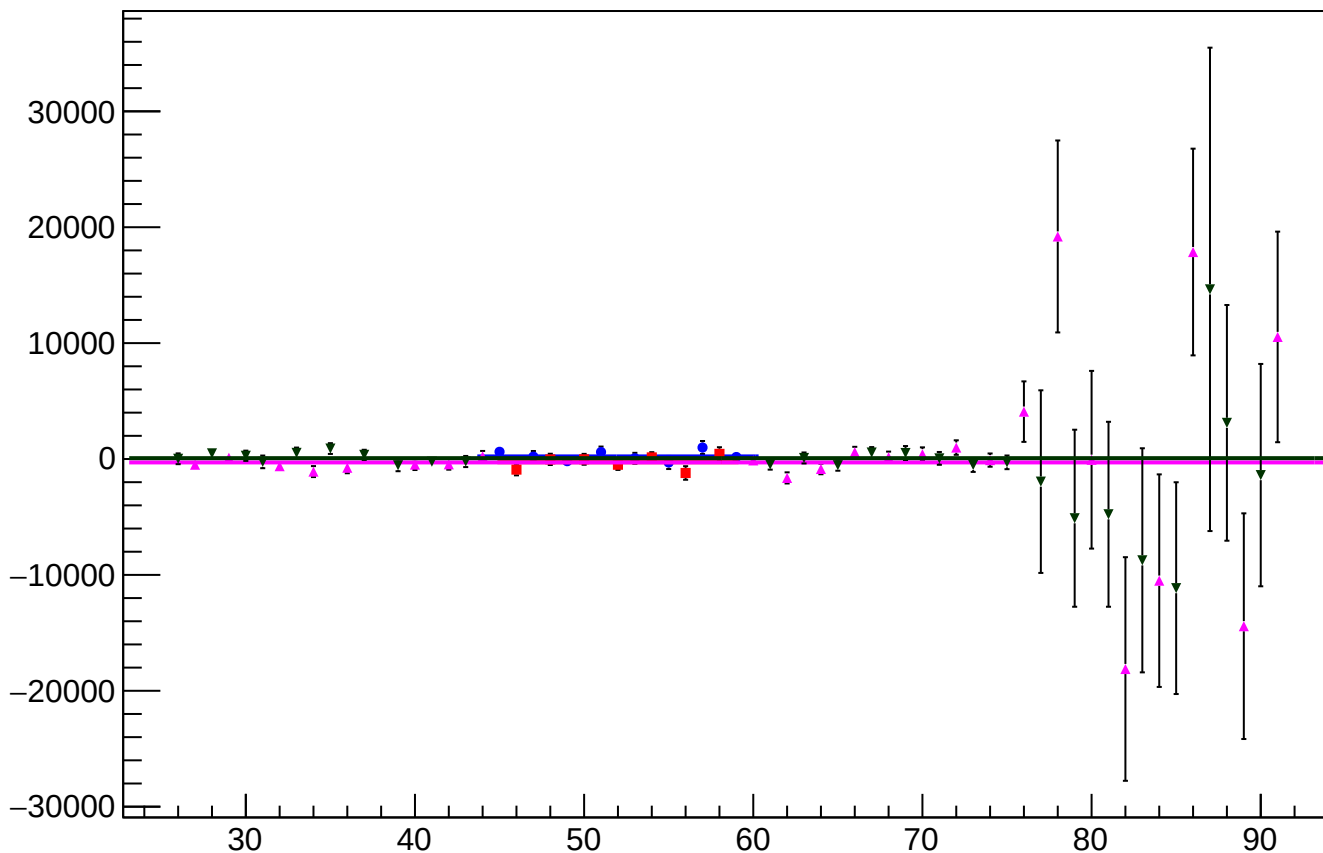
Right Out: 642.469+/-0.254 χ^2/NDF : 453016.2/6

Left In: 960.504+/-0.223 χ^2/NDF : 7666519.3/23

812.367+/-0.160 χ^2/NDF : 9081168.4/33

822.013+/-0.168 χ^2/NDF : 9005562.0/30

reg_asym_atl_dd_mean vs slug



Right In: 224.138+/-151.526 χ^2/NDF : 5.8/7

Left Out: 73.239+/-112.695 χ^2/NDF :18.7/25

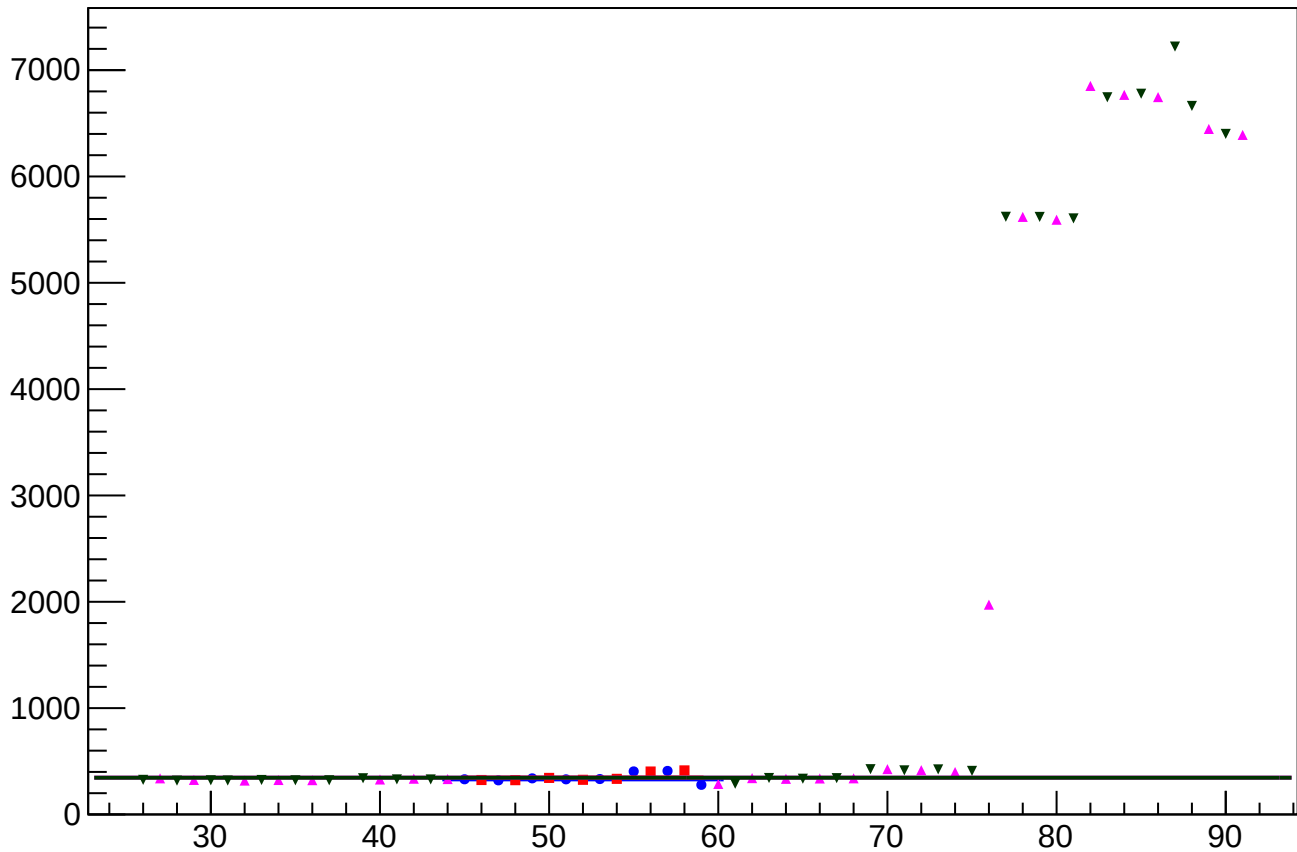
Right Out: -276.214+/-186.686 χ^2/NDF : 7.4/6

Left In: -295.403+/-112.112 χ^2/NDF :48.2/23

126.981+/-90.428 χ^2/NDF : 25.1/33

-290.317+/-96.113 χ^2/NDF : 55.6/30

reg_asym_atl_dd_rms vs slug



Right In: 330.127 $\pm$ 0.107 χ^2 /NDF: 132401.6/7

Left Out: 345.644 $\pm$ 0.080 χ^2 /NDF: 6577862.9/25

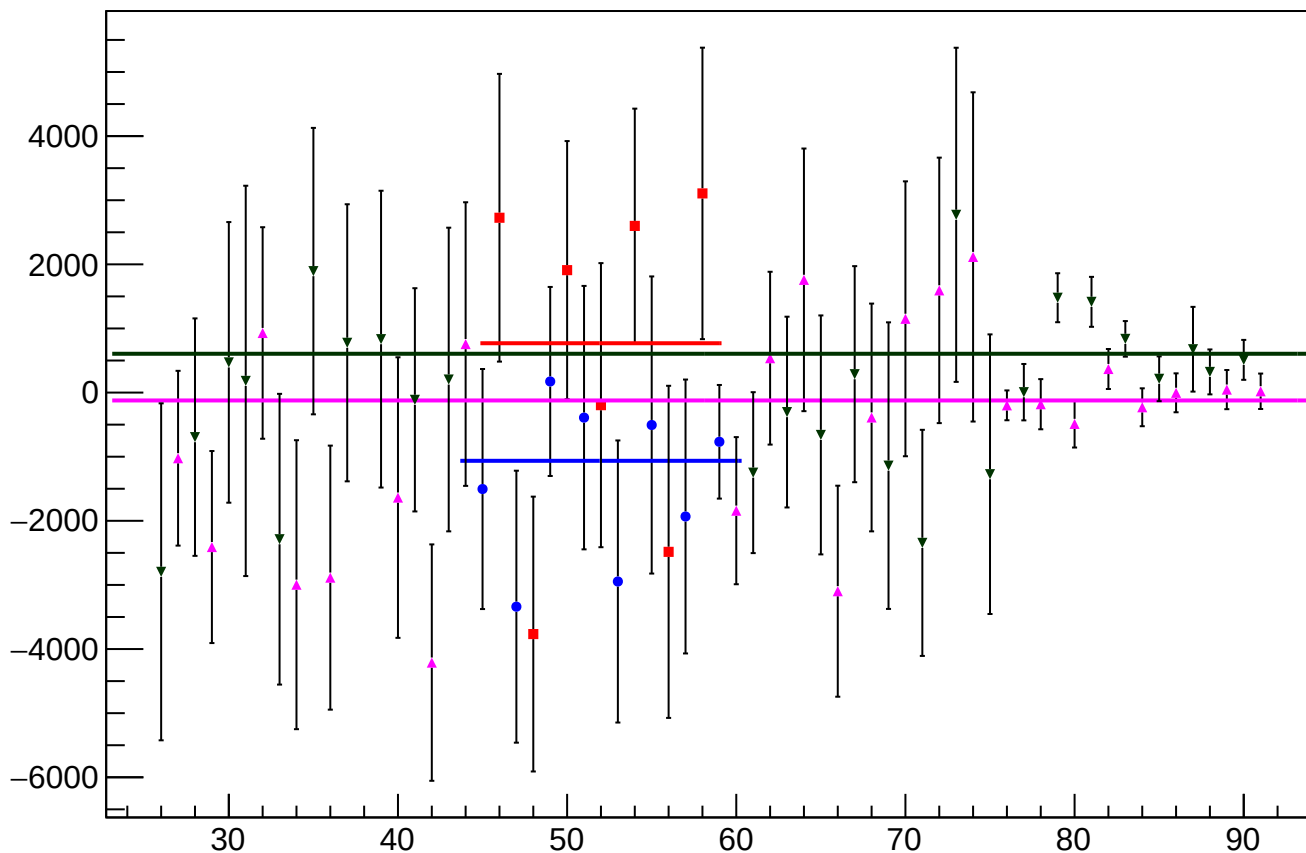
Right Out: 346.818 $\pm$ 0.132 χ^2 /NDF: 61919.1/6

Left In: 345.968 $\pm$ 0.079 χ^2 /NDF: 7278101.5/23

340.117 $\pm$ 0.064 χ^2 /NDF: 6723768.5/33

346.193 $\pm$ 0.068 χ^2 /NDF: 7340051.1/30

asym_atl_dd_correction_mean vs slug



Right In: -1064.154 ± 568.857 χ^2/NDF : 3.1/7

Left Out: 605.392 ± 123.837 χ^2/NDF : 26.4/25

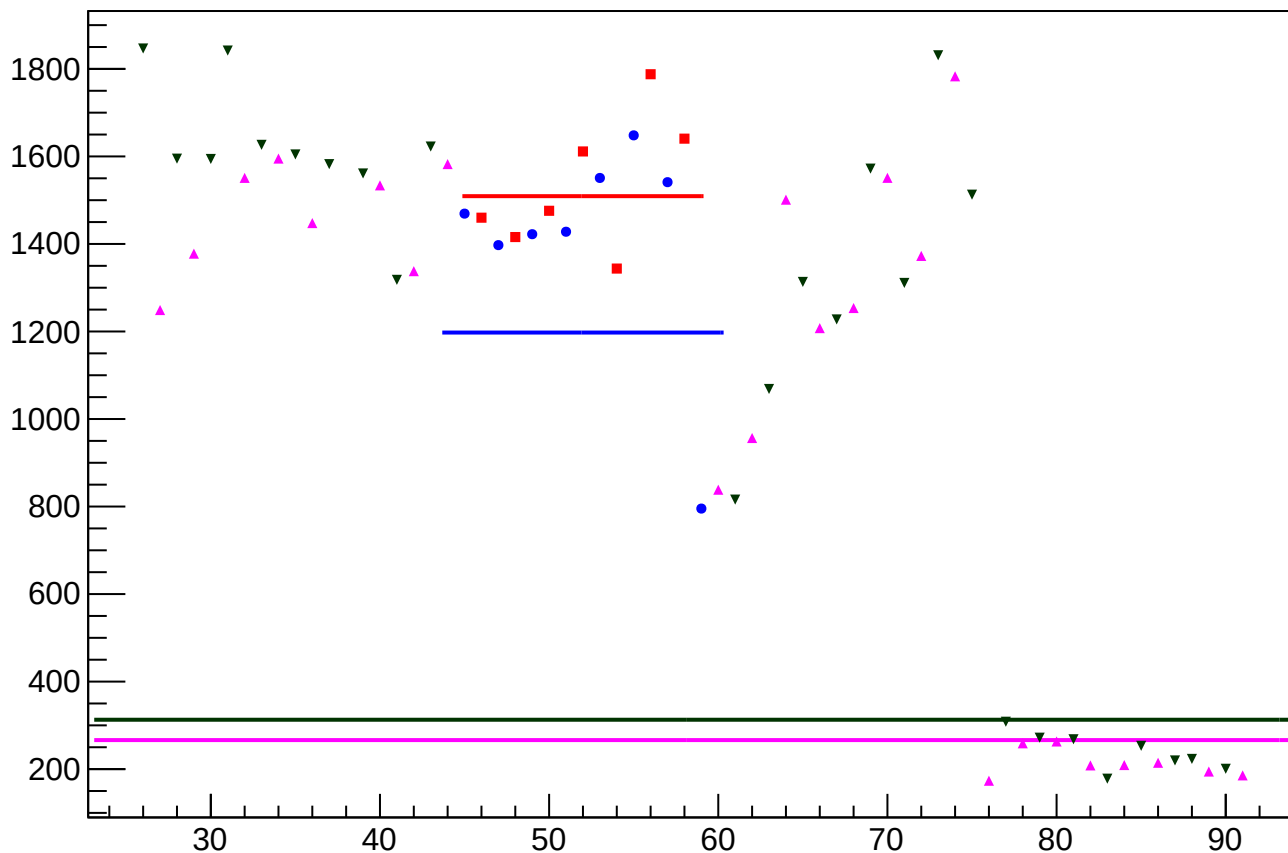
Right Out: 769.573 ± 814.233 χ^2/NDF : 9.4/6

Left In: -122.889 ± 103.086 χ^2/NDF : 25.0/23

529.851 ± 121.003 χ^2/NDF : 37.7/33

-108.810 ± 102.270 χ^2/NDF : 35.6/30

asym_atl_dd_correction_rms vs slug



Right In: 1197.567 $\pm$ 0.402 χ^2/NDF : 722516.7/7

Left Out: 312.847 $\pm$ 0.088 χ^2/NDF : 12292752.6/25

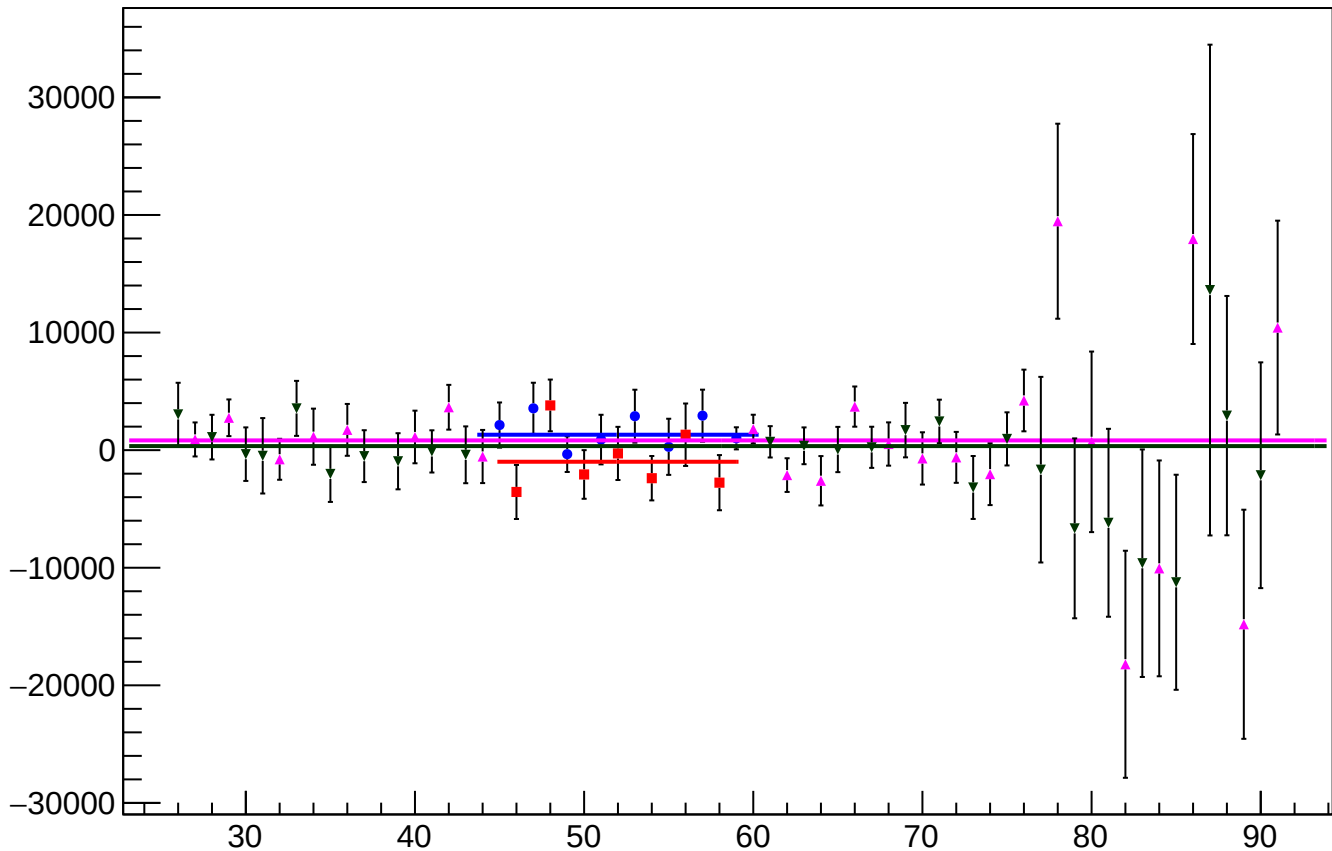
Right Out: 1509.195 $\pm$ 0.576 χ^2/NDF : 55759.1/6

Left In: 266.349 $\pm$ 0.073 χ^2/NDF : 12574085.0/23

352.877 $\pm$ 0.086 χ^2/NDF : 17634041.5/33

285.956 $\pm$ 0.072 χ^2/NDF : 17216138.1/30

asym_atl_dd_mean vs slug



Right In: 1312.132 ± 592.170 χ^2/NDF : 3.8/7

Left Out: 344.696 ± 476.508 χ^2/NDF : 13.1/25

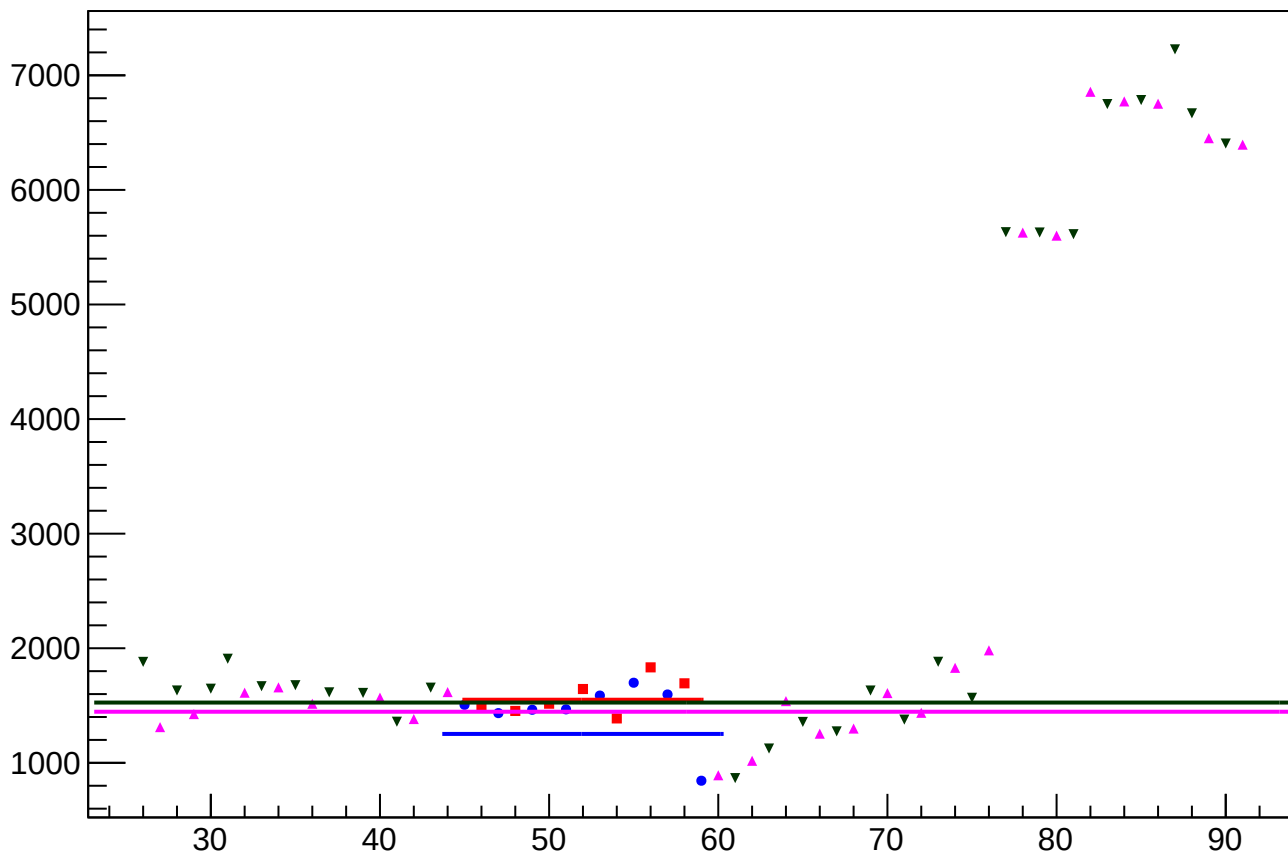
Right Out: -986.060 ± 836.288 χ^2/NDF : 8.2/6

Left In: 829.457 ± 443.164 χ^2/NDF : 37.0/23

724.921 ± 371.241 χ^2/NDF : 18.5/33

431.412 ± 391.581 χ^2/NDF : 49.0/30

asym_atl_dd_rms vs slug



Right In: 1252.200 ± 0.419 $\chi^2/NDF: 648692.1/7$

Left Out: 1526.090 ± 0.337 $\chi^2/NDF: 4910331.4/25$

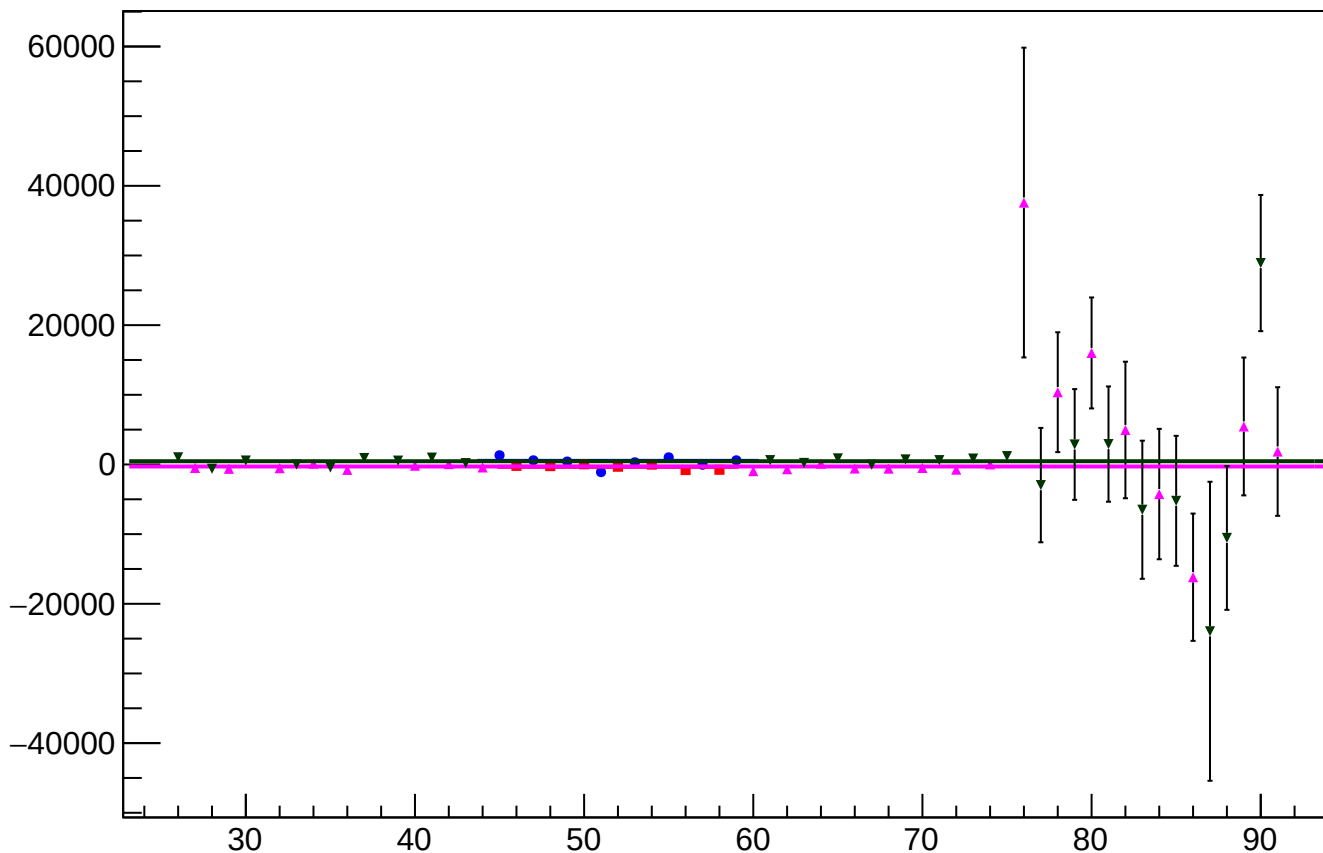
Right Out: 1550.708 ± 0.591 $\chi^2/NDF: 54078.6/6$

Left In: 1445.921 ± 0.313 $\chi^2/NDF: 5068918.9/23$

1418.445 ± 0.263 $\chi^2/NDF: 5818716.8/33$

1468.895 ± 0.277 $\chi^2/NDF: 5147513.5/30$

reg_asym_atr_avg_mean vs slug



Right In: 516.521 ± 168.382 χ^2/NDF : 13.7/7

Left Out: 465.640 ± 104.245 χ^2/NDF : 36.9/24

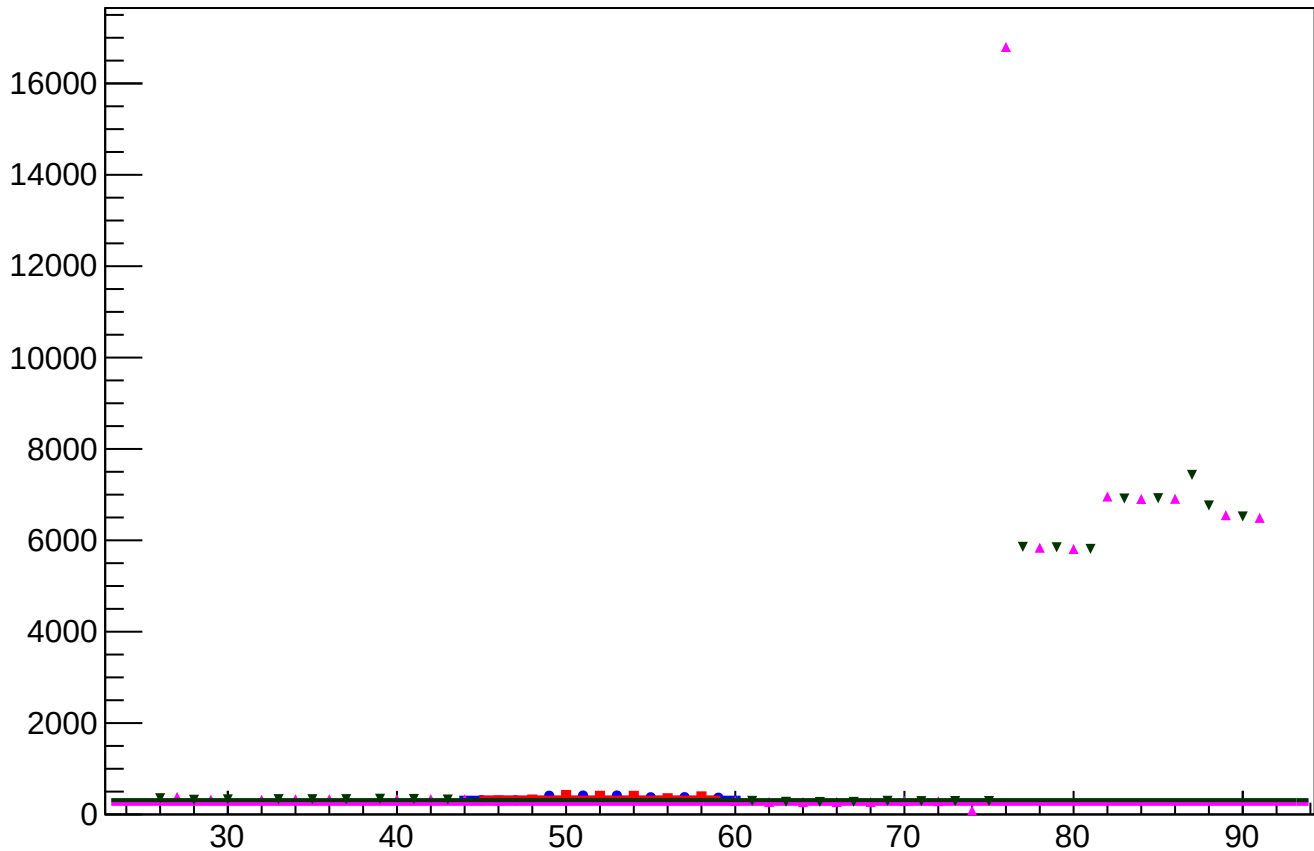
Right Out: -333.892 ± 199.218 χ^2/NDF : 2.3/6

Left In: -289.470 ± 84.466 χ^2/NDF : 28.9/23

479.738 ± 88.634 χ^2/NDF : 50.6/32

-296.239 ± 77.765 χ^2/NDF : 31.1/30

reg_asym_atr_avg_rms vs slug



Right In: 367.159+/-0.119 χ^2/NDF : 115527.9/7

Left Out: 314.209+/-0.074 χ^2/NDF : 6588965.5/24

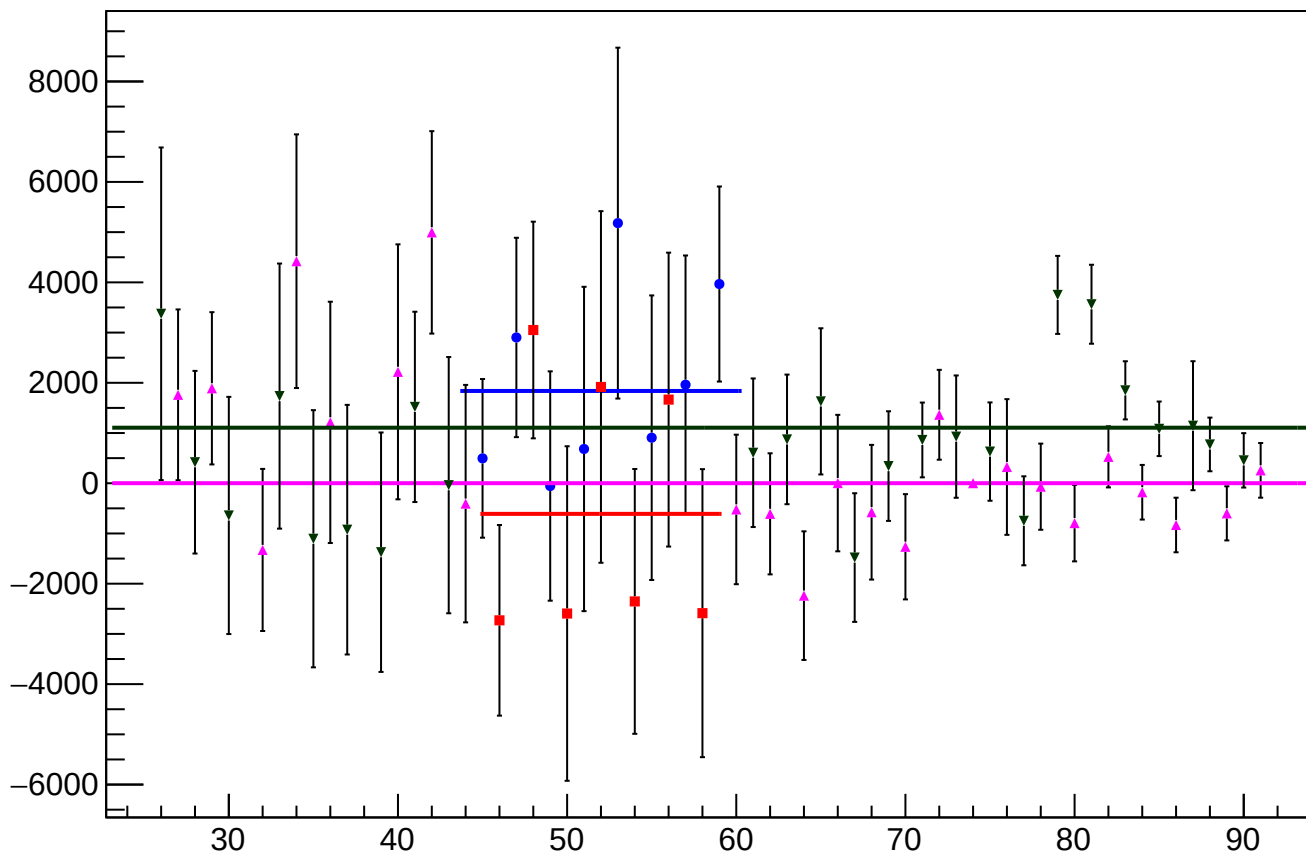
Right Out: 368.754+/-0.141 χ^2/NDF : 93700.6/6

Left In: 232.565+/-0.060 χ^2/NDF : 11086951.6/23

328.880+/-0.063 χ^2/NDF : 6847470.1/32

253.317+/-0.055 χ^2/NDF : 11972892.0/30

asym_atr_avg_correction_mean vs slug



Right In: 1837.645 $\pm$ 799.382 χ^2/NDF : 4.1/7

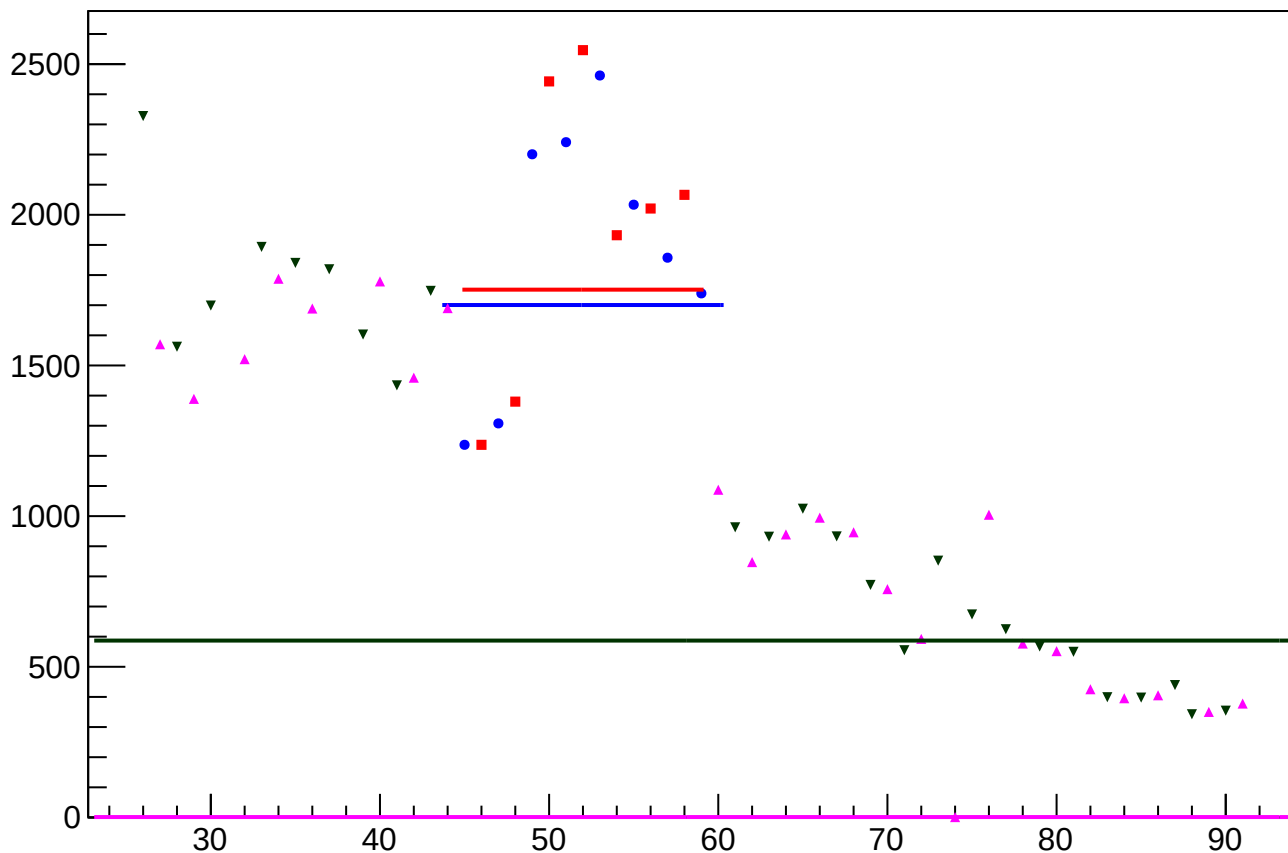
Left Out: 1146.715 $\pm$ 188.497 χ^2/NDF : 43.2/32

Right Out: -609.570 $\pm$ 977.508 χ^2/NDF : 6.5/6

Left In: 1.180 $\pm$ 2.418 χ^2/NDF : 26.8/23

1.176 $\pm$ 2.418 χ^2/NDF : 33.7/30

asym_atr_avg_correction_rms vs slug



Right In: 1700.604+/-0.565 χ^2/NDF : 533801.9/7

Left Out: 586.998+/-0.137 χ^2/NDF : 6255690.6/24

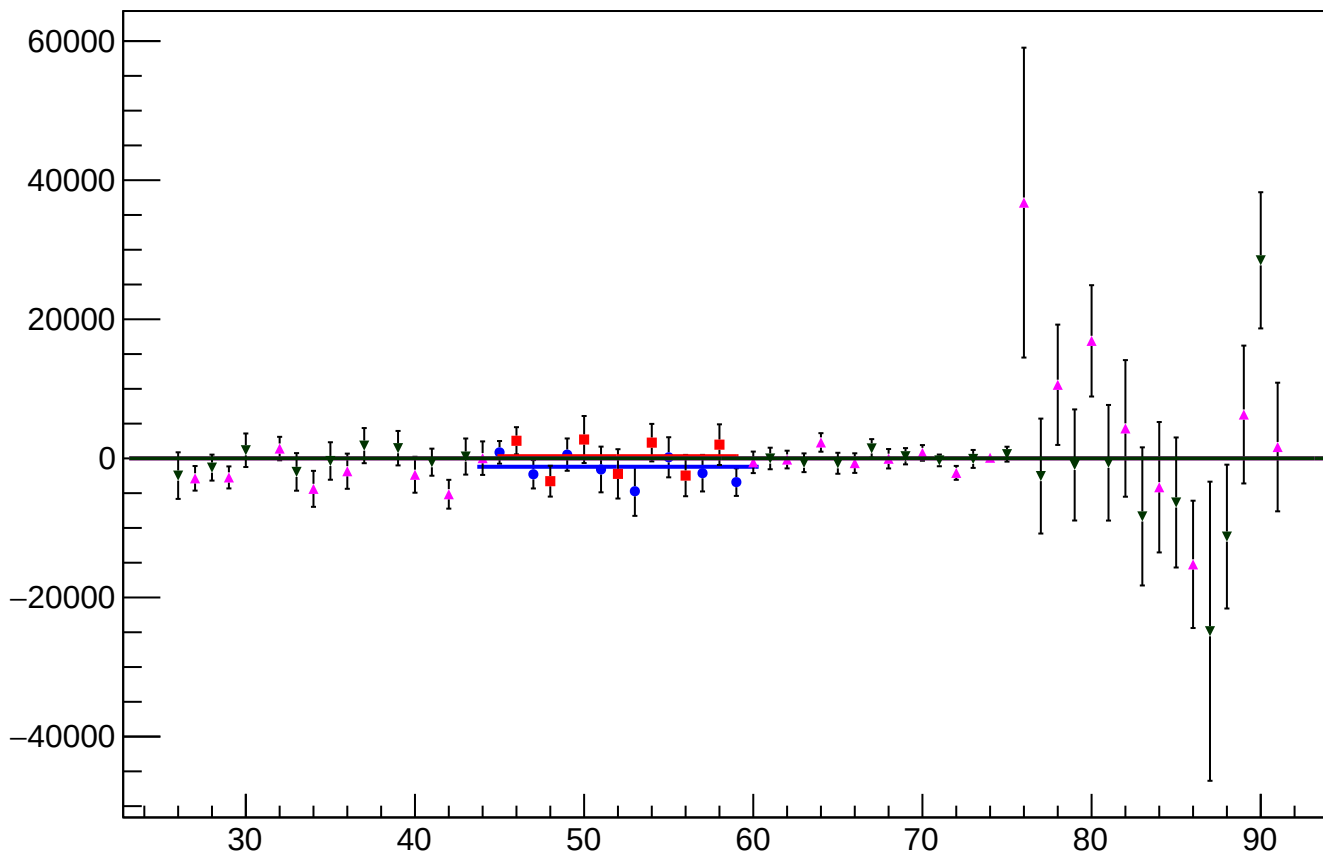
Right Out: 1751.598+/-0.691 χ^2/NDF : 446208.6/6

Left In: 1.322+/-0.002 χ^2/NDF : 25268762.1/23

648.919+/-0.133 χ^2/NDF : 10455037.0/32

1.333+/-0.002 χ^2/NDF : 32127059.5/30

asym_atr_avg_mean vs slug



Right In: -1204.438 ± 818.468 χ^2/NDF : 5.0/7

Left Out: 9.159 ± 372.226 χ^2/NDF : 17.1/24

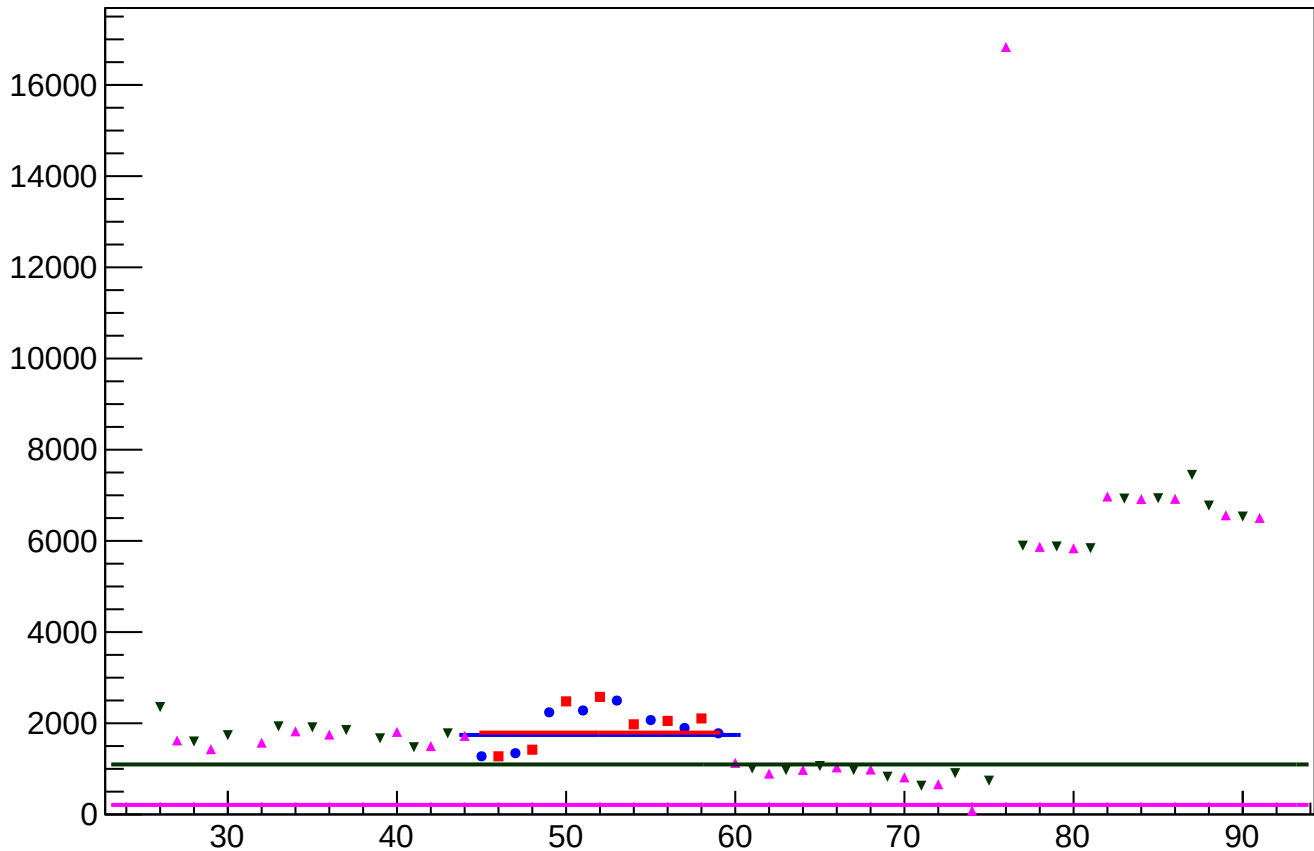
Right Out: 318.744 ± 1000.092 χ^2/NDF : 6.7/6

Left In: 2.224 ± 133.709 χ^2/NDF : 37.6/23

-198.829 ± 338.832 χ^2/NDF : 24.0/32

7.782 ± 132.530 χ^2/NDF : 44.4/30

asym_atr_avg_rms vs slug



Right In: 1743.868+/-0.579 χ^2/NDF : 510010.0/7

Left Out: 1096.720+/-0.263 χ^2/NDF : 7369902.9/24

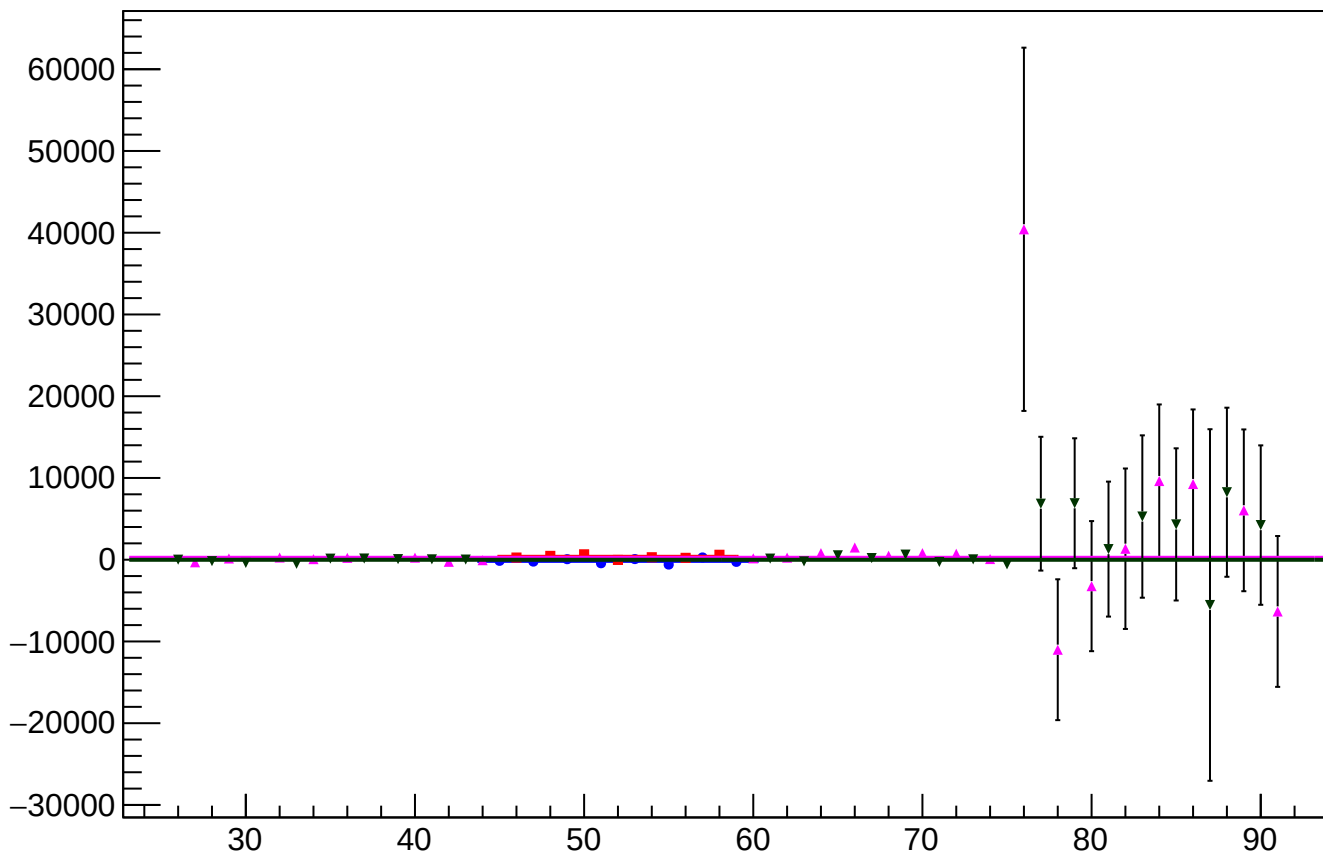
1207.629+/-0.240 χ^2/NDF : 8915983.6/32

Right Out: 1795.649+/-0.707 χ^2/NDF : 425127.2/6

237.148+/-0.094 χ^2/NDF : 26602276.5/30

Left In: 209.290+/-0.095 χ^2/NDF : 21233374.9/23

reg_asym_atr_dd_mean vs slug



Right In: -142.536+/-136.247 χ^2/NDF : 3.4/7

Left Out: -9.295+/-99.957 χ^2/NDF :11.9/24

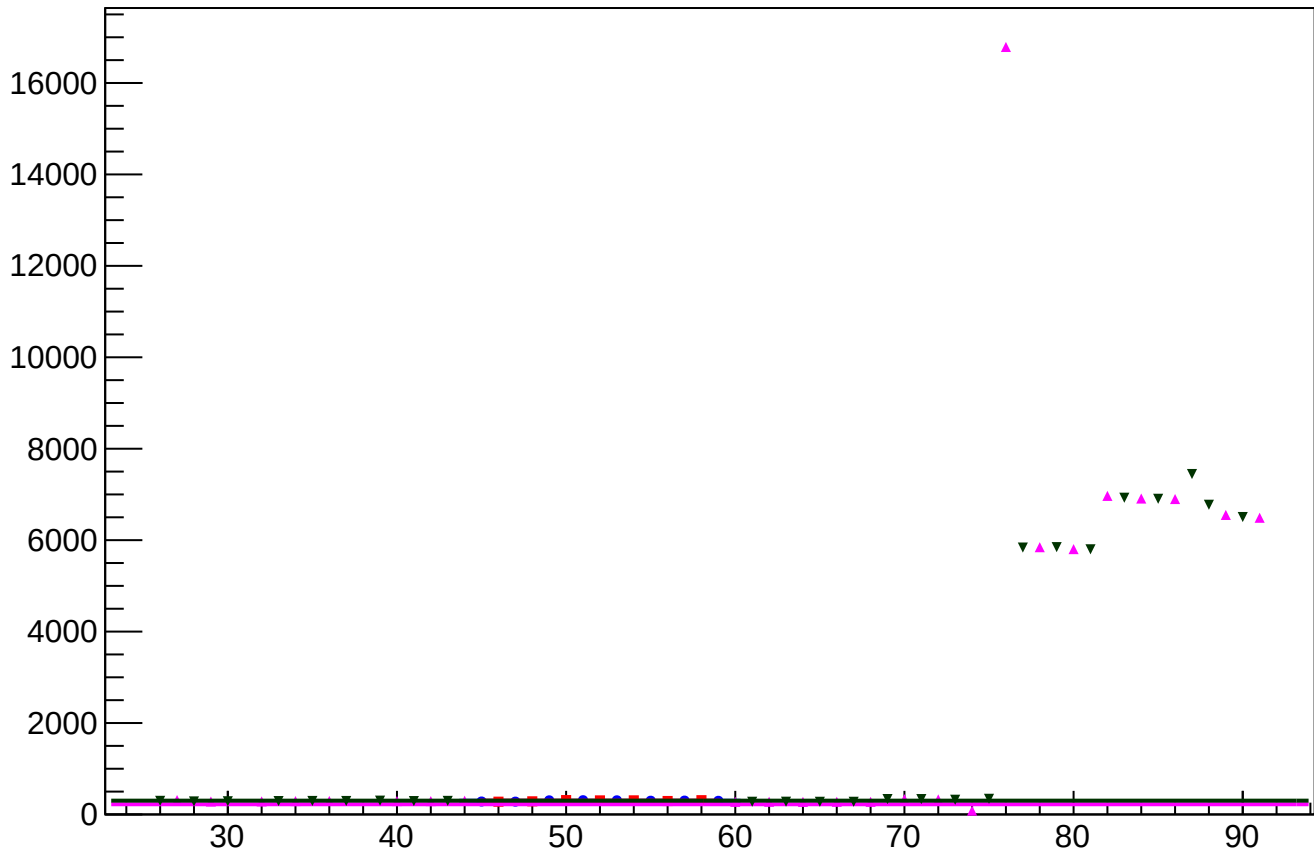
Right Out: 354.033+/-161.070 χ^2/NDF : 1.9/6

Left In: 235.499+/-80.400 χ^2/NDF :30.4/23

-55.917+/-80.594 χ^2/NDF : 16.0/32

259.142+/-71.936 χ^2/NDF : 32.7/30

reg_asym_atr_dd_rms vs slug



Right In: 298.937+/-0.096 χ^2/NDF : 12289.3/7

Left Out: 301.830+/-0.071 χ^2/NDF : 6568245.0/24

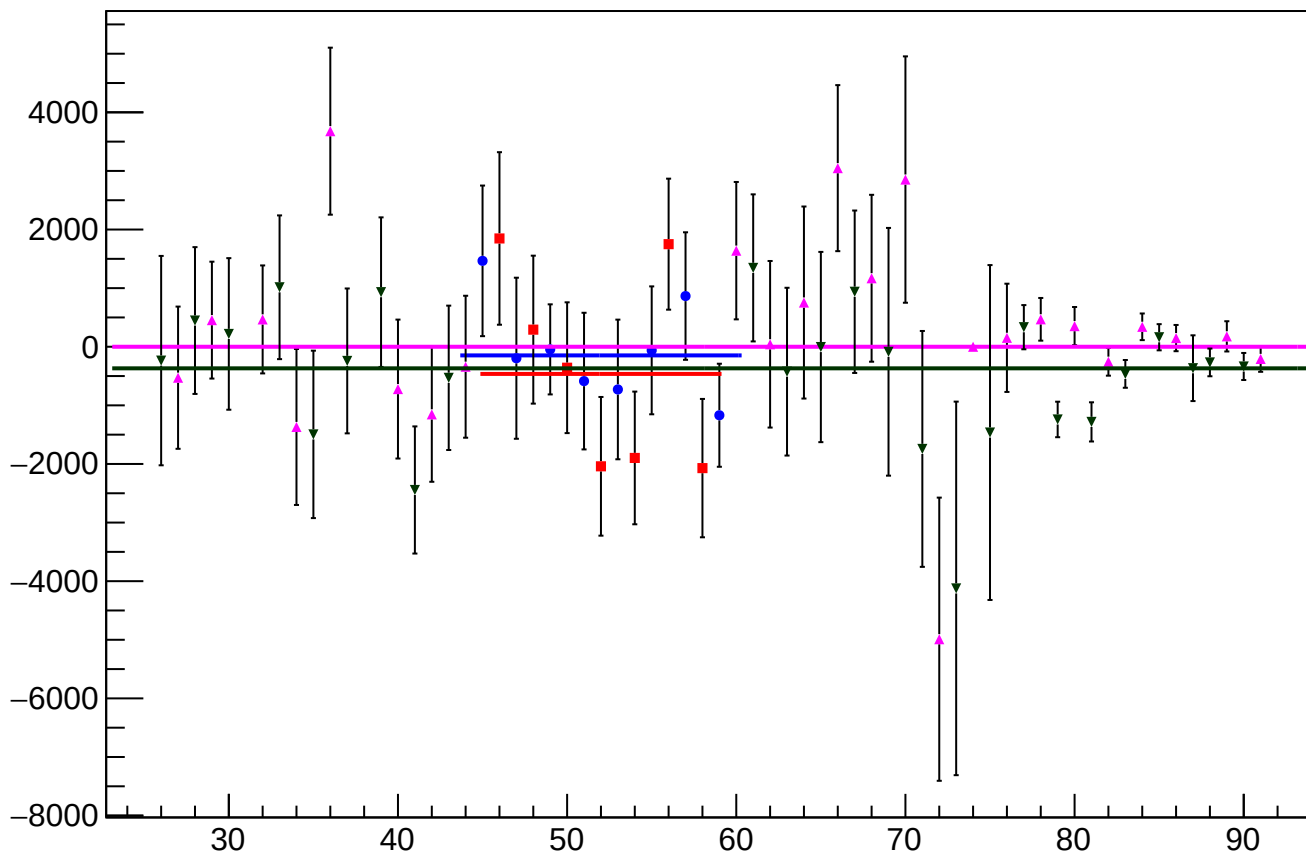
Right Out: 300.423+/-0.114 χ^2/NDF : 11969.0/6

Left In: 223.168+/-0.057 χ^2/NDF : 10814650.4/23

300.818+/-0.057 χ^2/NDF : 6581120.7/32

238.577+/-0.051 χ^2/NDF : 11194949.0/30

asym_atr_dd_correction_mean vs slug



Right In: -147.634 ± 371.467 $\chi^2/\text{NDF}: 4.2/7$

Left Out: -368.311 ± 94.153 $\chi^2/\text{NDF}: 37.3/24$

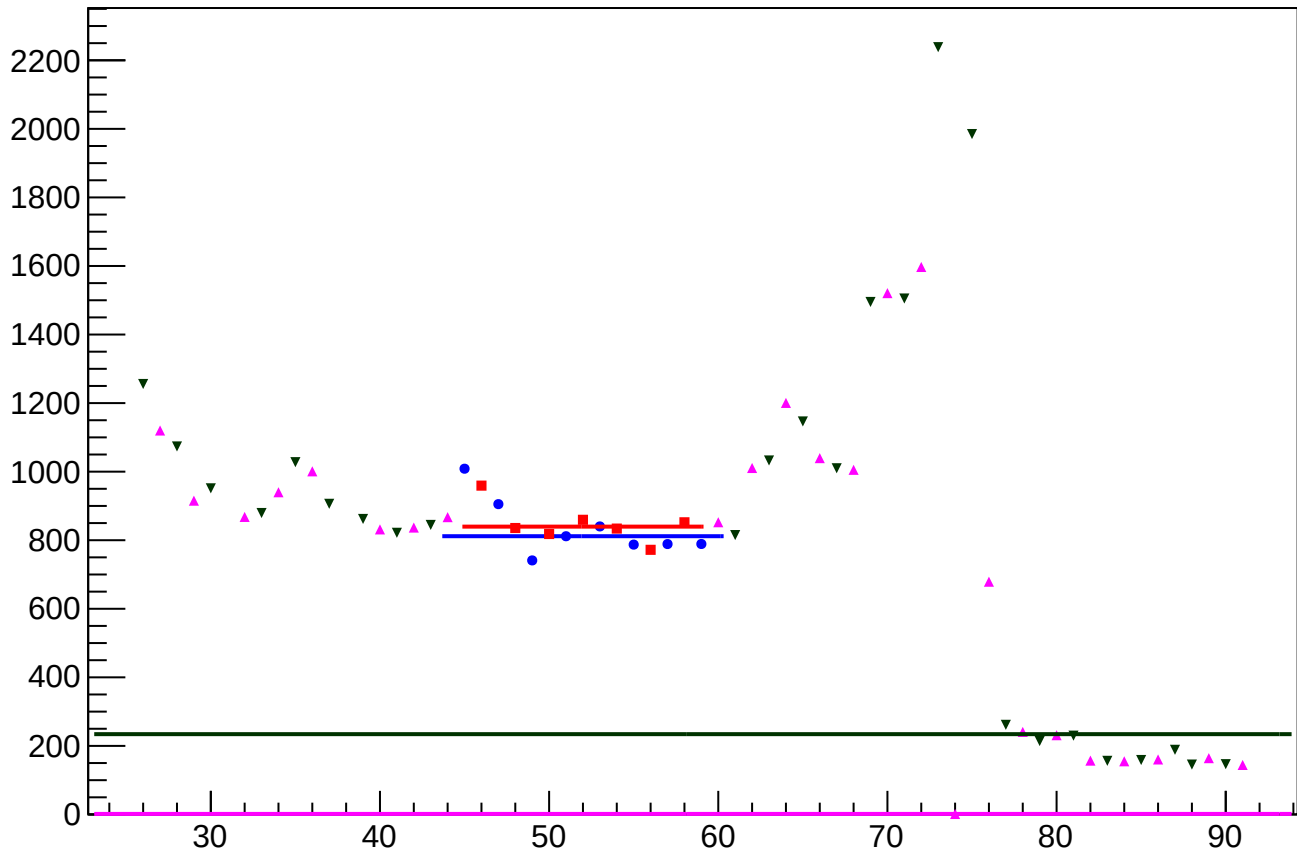
Right Out: -463.580 ± 451.527 $\chi^2/\text{NDF}: 12.0/6$

Left In: -0.041 ± 2.637 $\chi^2/\text{NDF}: 31.5/23$

-354.990 ± 91.267 $\chi^2/\text{NDF}: 41.8/32$

-0.057 ± 2.637 $\chi^2/\text{NDF}: 44.5/30$

asym_atr_dd_correction_rms vs slug



Right In: 811.704+/-0.263 χ^2/NDF : 77489.3/7

Left Out: 234.254+/-0.067 χ^2/NDF :11897305.7/24

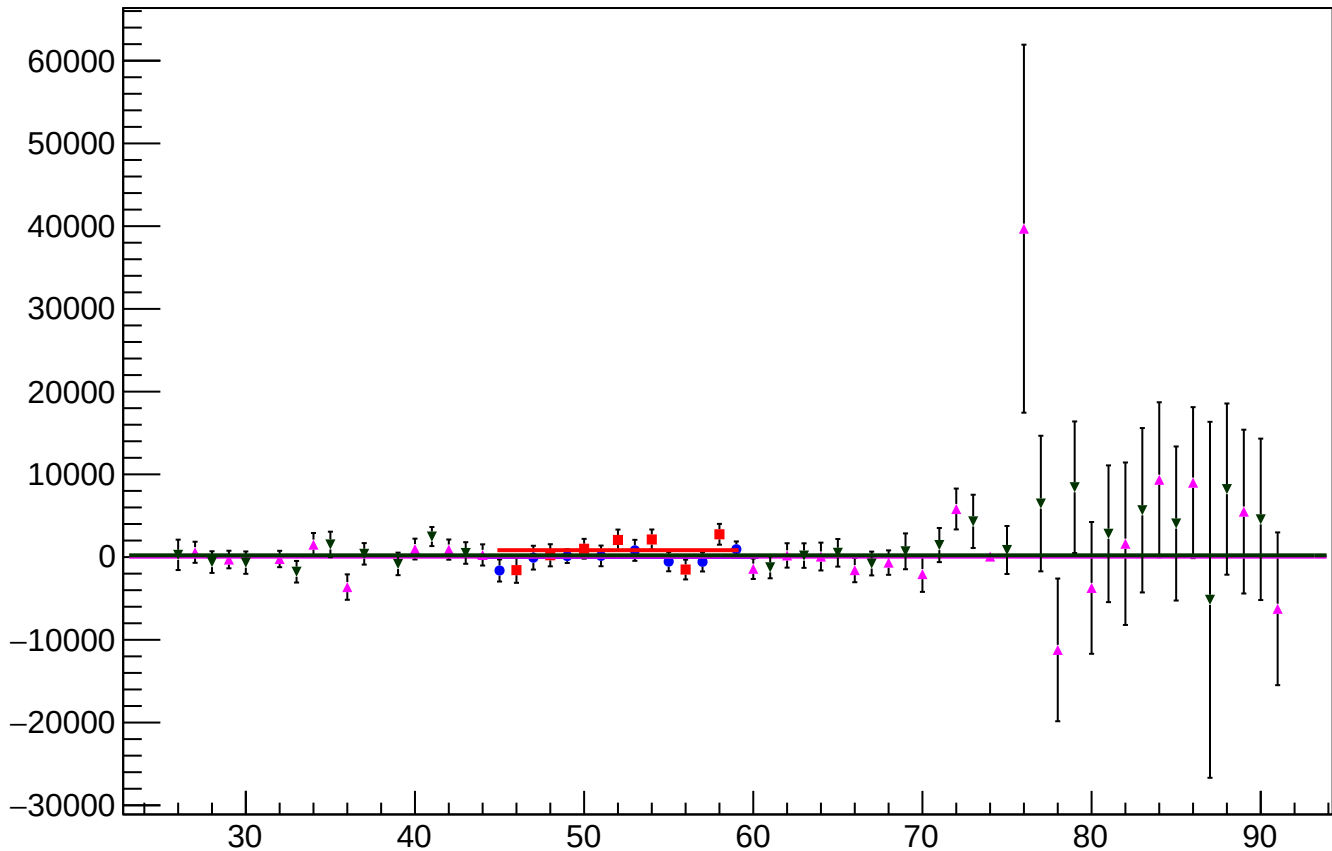
Right Out: 839.660+/-0.319 χ^2/NDF : 22144.5/6

Left In: 1.573+/-0.002 χ^2/NDF :24660483.5/23

269.112+/-0.065 χ^2/NDF : 16516062.1/32

1.601+/-0.002 χ^2/NDF : 31572728.3/30

asym_atr_dd_mean vs slug



Right In: 13.341+/-396.920 χ^2/NDF : 3.4/7

Left Out: 213.037+/-364.506 χ^2/NDF :15.3/24

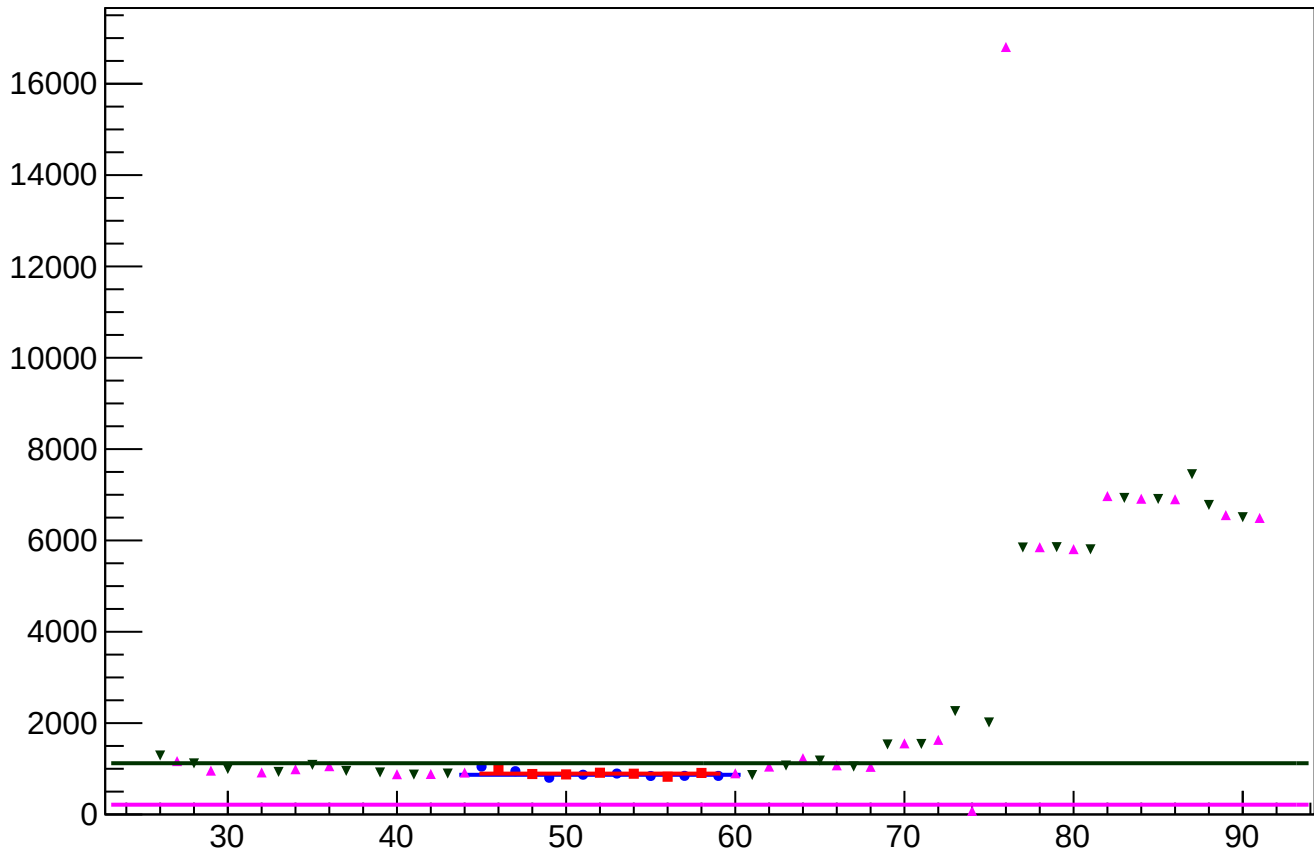
Right Out: 833.682+/-480.473 χ^2/NDF : 11.0/6

Left In: 47.734+/-128.515 χ^2/NDF :25.3/23

121.675+/-268.474 χ^2/NDF : 18.8/32

100.209+/-124.151 χ^2/NDF : 38.8/30

asym_atr_dd_rms vs slug



Right In: 868.358+/-0.281 χ^2/NDF : 58451.7/7

Left Out: 1121.743+/-0.258 χ^2/NDF : 5843799.6/24

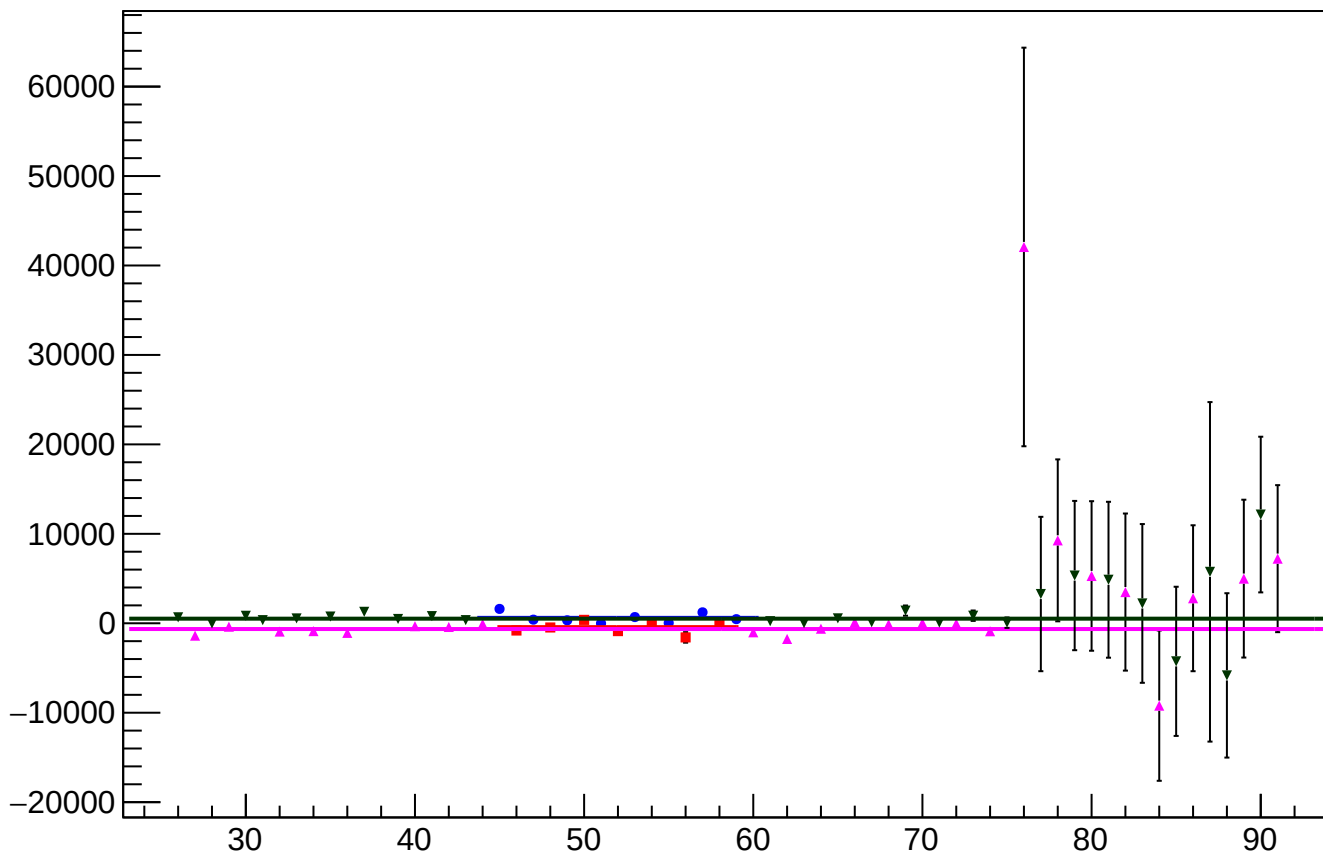
1005.818+/-0.190 χ^2/NDF : 6344410.8/32

Right Out: 894.243+/-0.340 χ^2/NDF : 17166.2/6

259.058+/-0.088 χ^2/NDF : 24309885.4/30

Left In: 213.614+/-0.091 χ^2/NDF : 20547278.5/23

reg_asym_at1_avg_mean vs slug



Right In: 605.253+/-162.253 χ^2/NDF : 10.3/7

Left Out: 514.917+/-114.389 χ^2/NDF :15.6/25

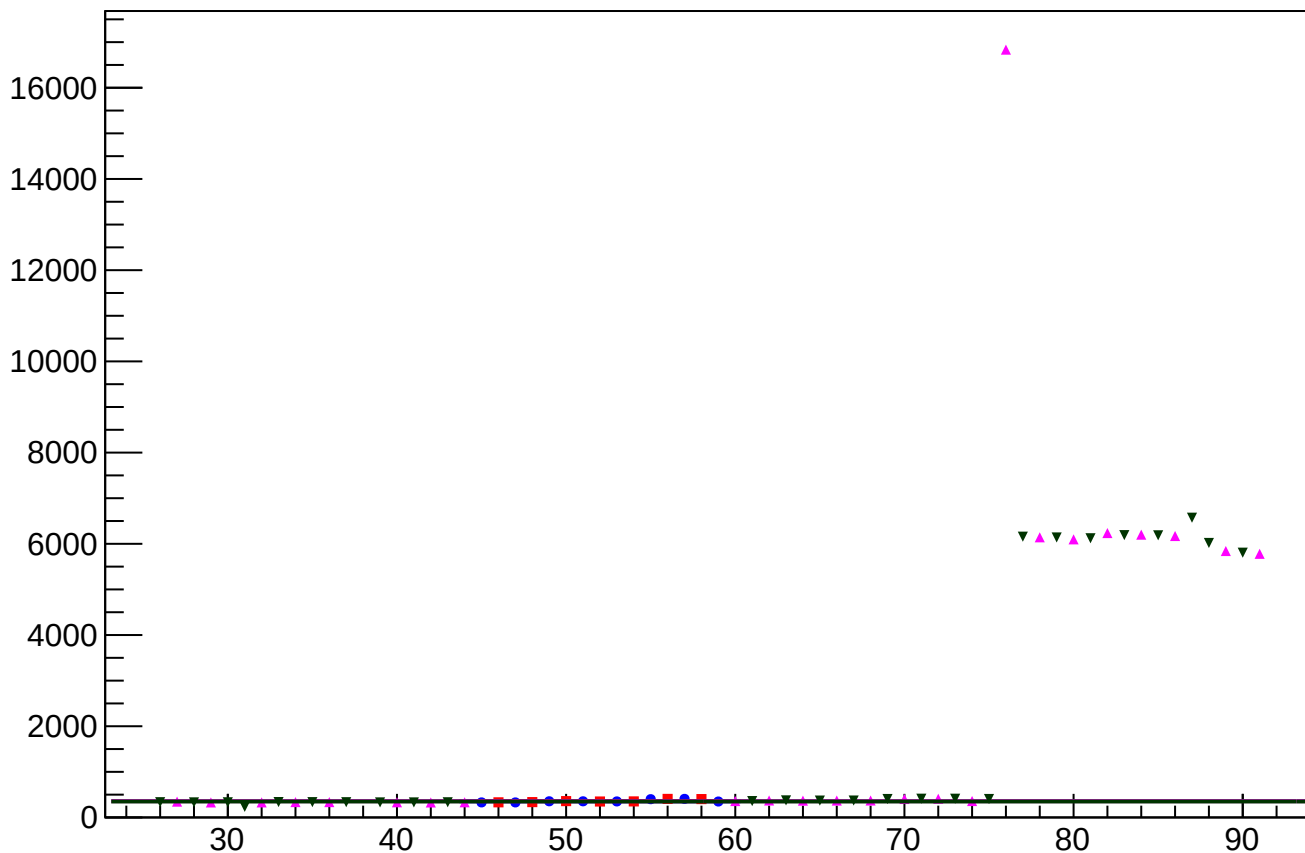
Right Out: -430.483+/-193.079 χ^2/NDF : 9.7/6

Left In: -643.512+/-116.647 χ^2/NDF :27.3/23

544.909+/-93.491 χ^2/NDF : 26.1/33

-586.550+/-99.841 χ^2/NDF : 37.9/30

reg_asym_at1_avg_rms vs slug



Right In: 355.391+/-0.115 χ^2/NDF : 43645.6/7

Left Out: 350.733+/-0.081 χ^2/NDF : 6648875.0/25

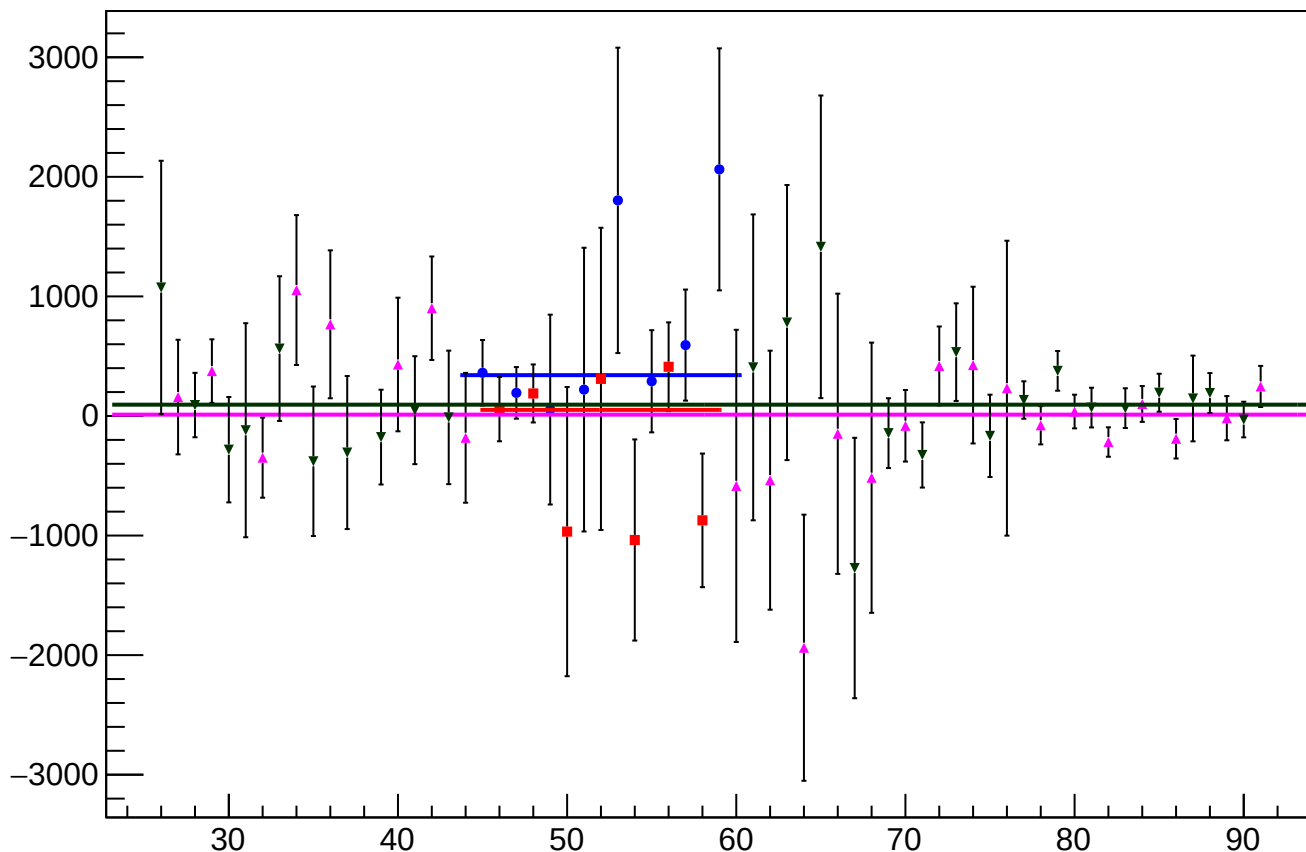
Right Out: 359.482+/-0.137 χ^2/NDF : 36341.4/6

Left In: 358.513+/-0.082 χ^2/NDF : 7462473.4/23

352.279+/-0.066 χ^2/NDF : 6693621.6/33

358.772+/-0.071 χ^2/NDF : 7498851.7/30

asym_at1_avg_correction_mean vs slug



Right In: 341.508 ± 143.110 χ^2/NDF : 5.1/7

Left Out: 94.553 ± 52.430 χ^2/NDF : 16.0/25

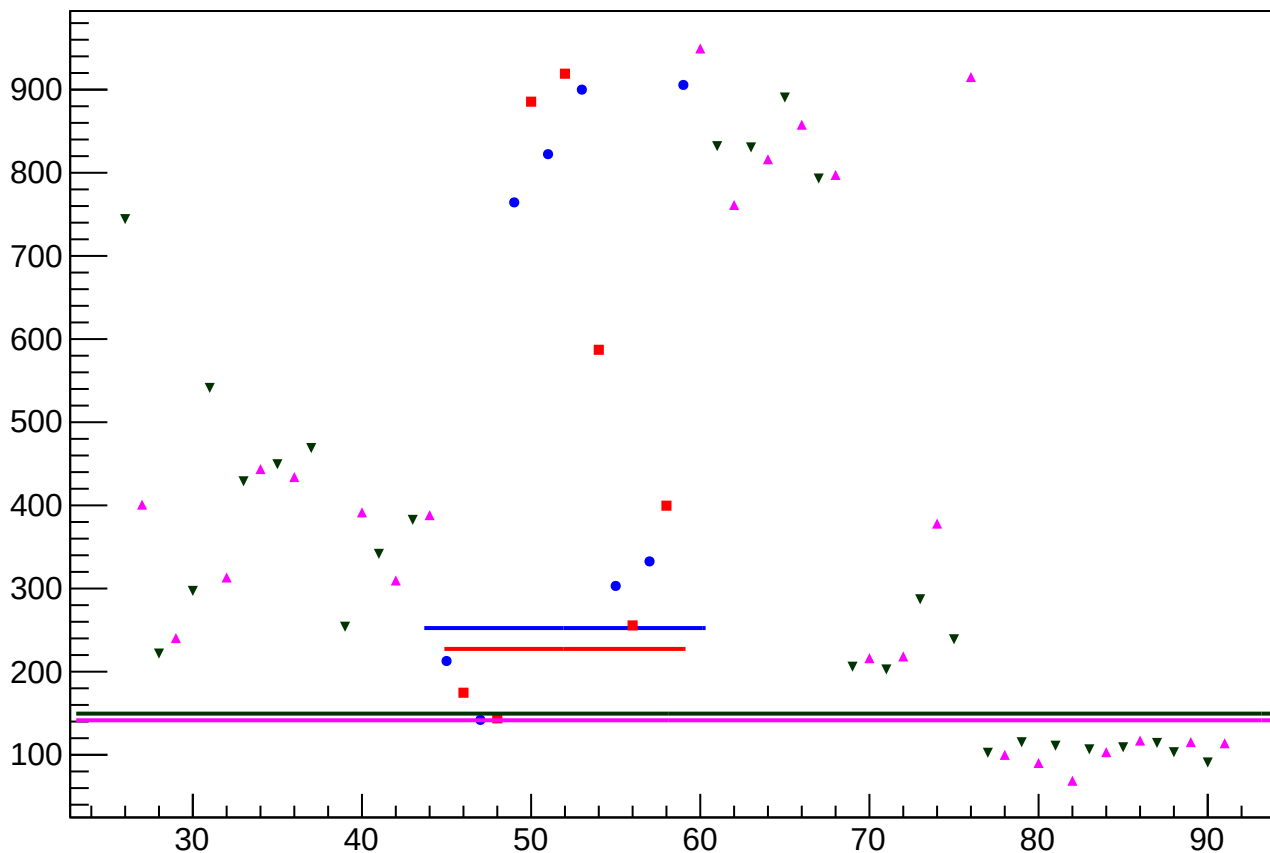
Right Out: 51.200 ± 150.726 χ^2/NDF : 6.4/6

Left In: 11.173 ± 51.895 χ^2/NDF : 25.7/23

123.777 ± 49.230 χ^2/NDF : 23.8/33

15.415 ± 49.068 χ^2/NDF : 32.2/30

asym_at1_avg_correction_rms vs slug



Right In: 252.451 ± 0.101 χ^2/NDF : 3294534.4/7

Left Out: 149.563 ± 0.037 χ^2/NDF : 7906434.6/25

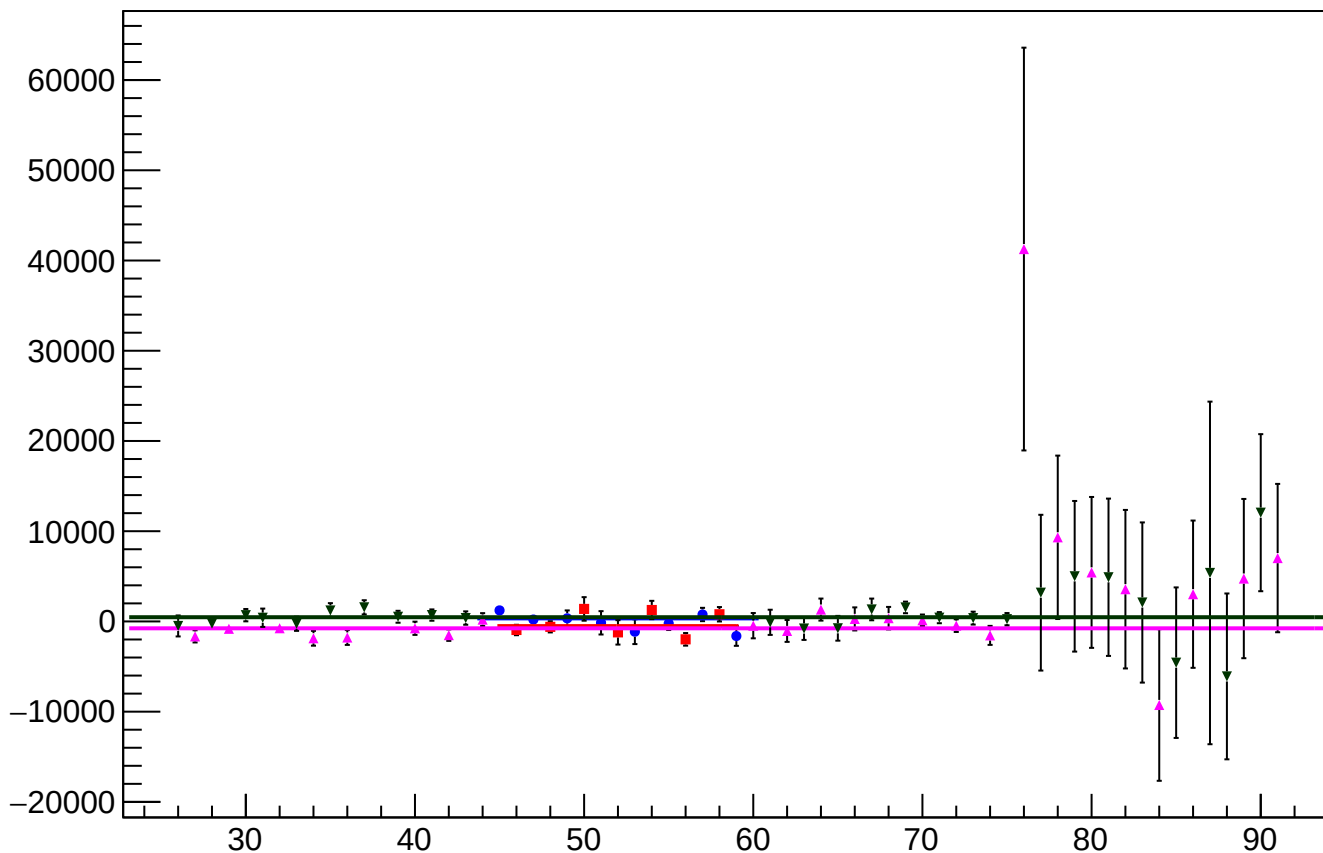
Right Out: 227.379 ± 0.107 χ^2/NDF : 2072824.8/6

Left In: 141.541 ± 0.037 χ^2/NDF : 9637322.8/23

161.739 ± 0.035 χ^2/NDF : 12112388.4/33

150.638 ± 0.035 χ^2/NDF : 12290048.2/30

asym_at1_avg_mean vs slug



Right In: 337.832+/-264.323 χ^2/NDF : 8.6/7

Left Out: 467.156+/-179.679 χ^2/NDF :15.5/25

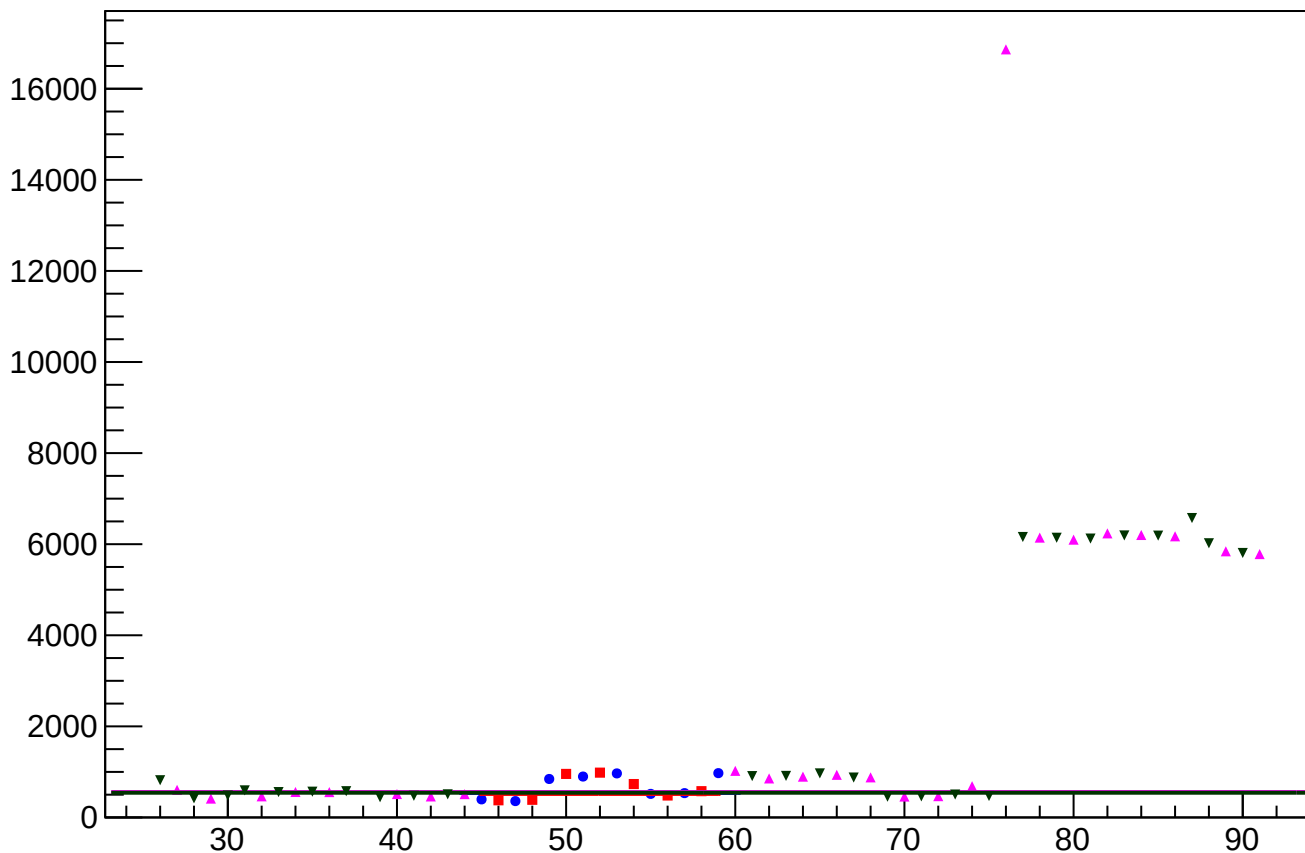
Right Out: -516.753+/-297.014 χ^2/NDF : 13.2/6

Left In: -763.296+/-186.434 χ^2/NDF :23.6/23

426.283+/-148.597 χ^2/NDF : 24.3/33

-693.613+/-157.904 χ^2/NDF : 37.3/30

asym_at1_avg_rms vs slug



Right In: 538.857 $\pm$ 0.187 χ^2/NDF : 1289070.7/7

Left Out: 543.448 $\pm$ 0.127 χ^2/NDF : 7024523.6/25

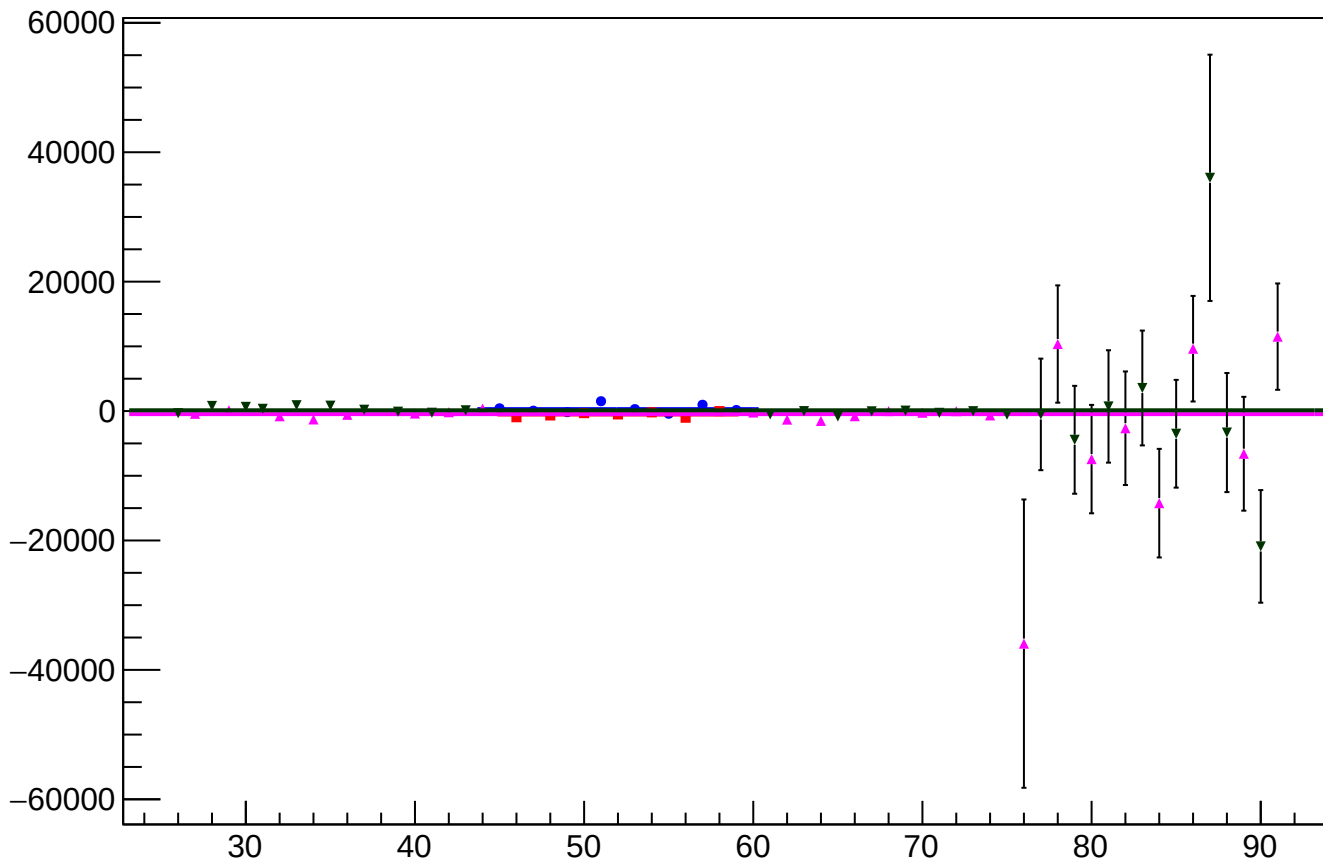
Right Out: 515.954 $\pm$ 0.210 χ^2/NDF : 777057.5/6

Left In: 557.941 $\pm$ 0.132 χ^2/NDF : 8171616.3/23

541.997 $\pm$ 0.105 χ^2/NDF : 8314006.9/33

546.074 $\pm$ 0.112 χ^2/NDF : 8977345.5/30

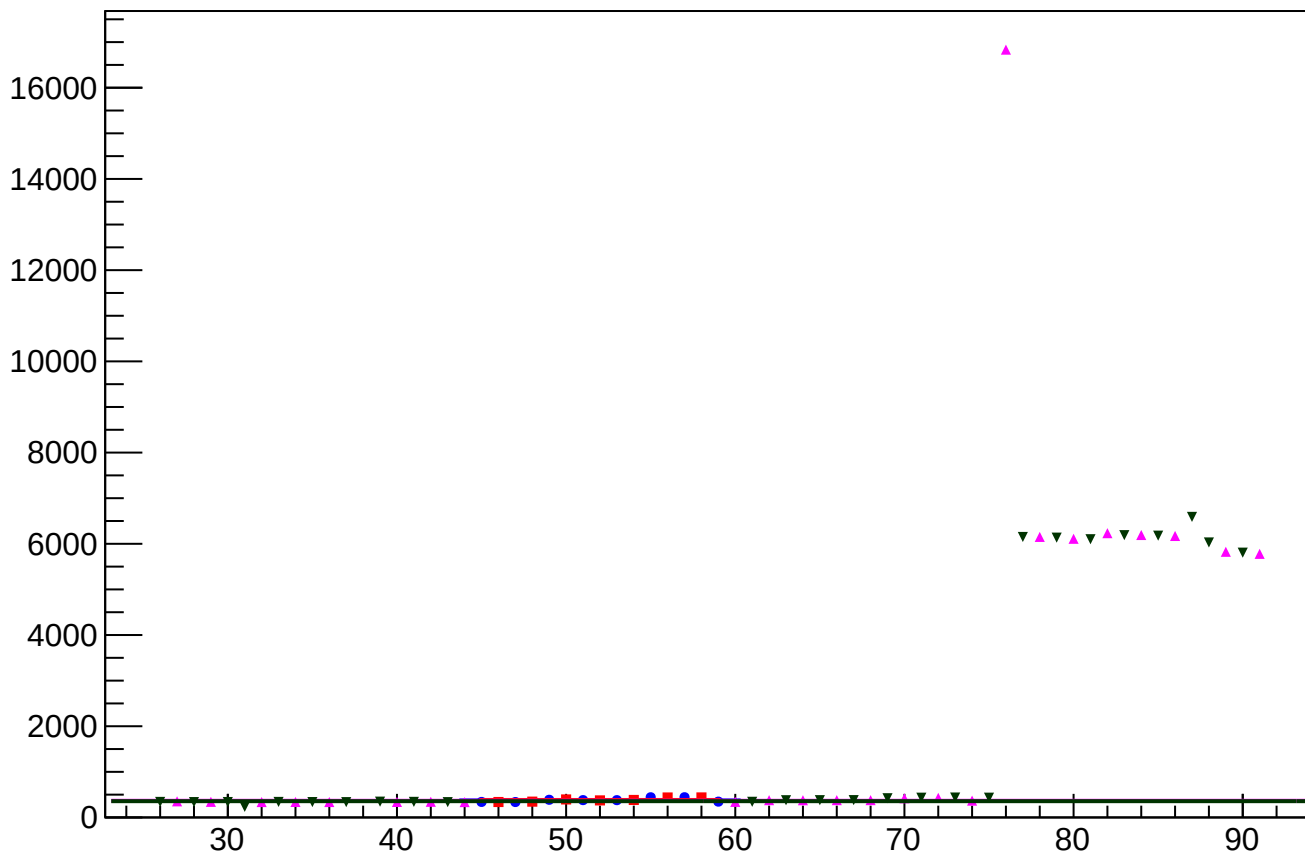
reg_asym_at1_dd_mean vs slug



Right In: 298.023+/-171.106 χ^2/NDF : 9.3/7
Left Out: 119.481+/-116.626 χ^2/NDF : 27.9/25
Right Out: -525.119+/-206.132 χ^2/NDF : 2.7/6
Left In: -473.202+/-119.023 χ^2/NDF : 30.4/23

176.116+/-96.369 χ^2/NDF : 38.0/33
-486.183+/-103.074 χ^2/NDF : 33.1/30

reg_asym_at1_dd_rms vs slug



Right In: 373.838+/-0.121 χ^2/NDF : 84906.2/7

Left Out: 357.138+/-0.082 χ^2/NDF : 6695496.8/25

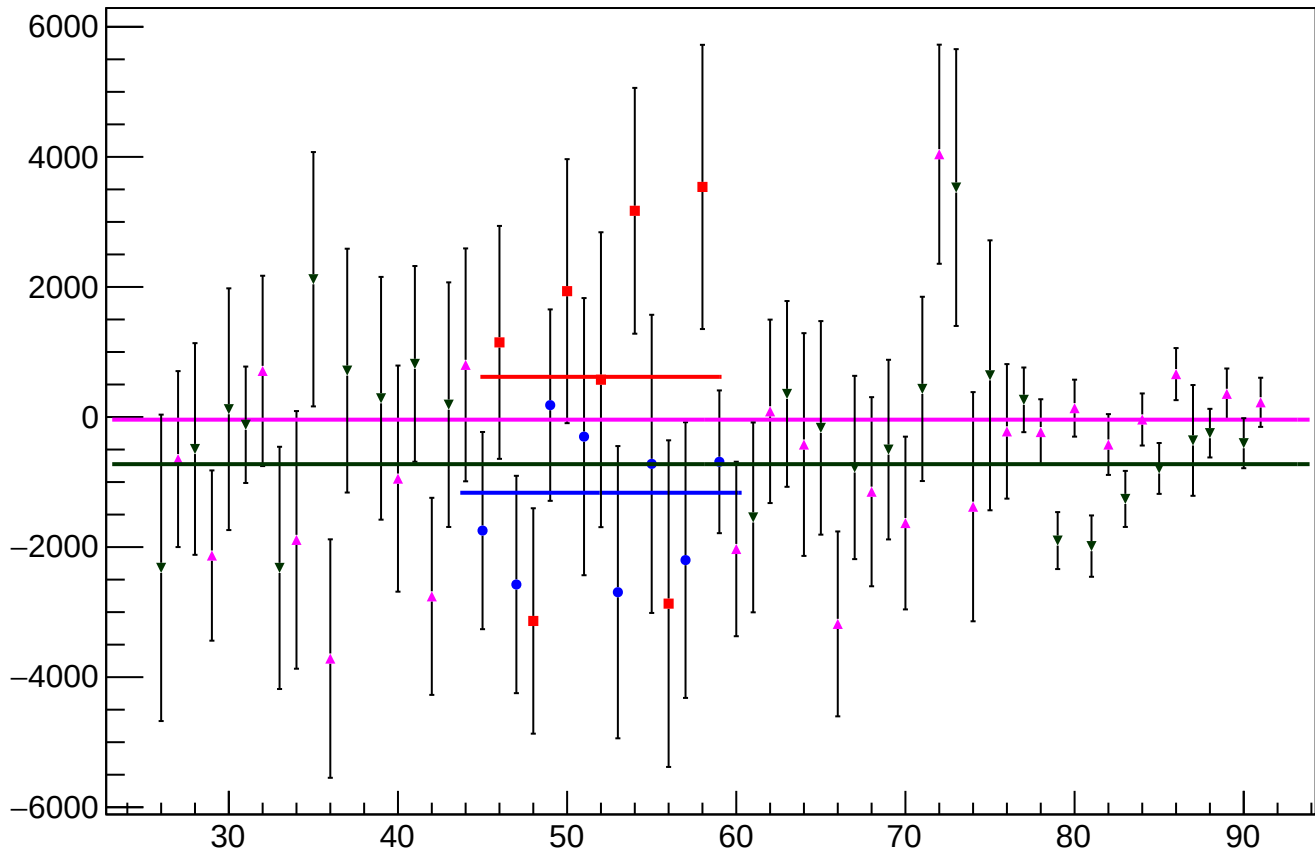
Right Out: 383.069+/-0.146 χ^2/NDF : 57787.6/6

Left In: 365.676+/-0.084 χ^2/NDF : 7455411.0/23

362.435+/-0.068 χ^2/NDF : 6793411.3/33

370.025+/-0.073 χ^2/NDF : 7523878.2/30

asym_at1_dd_correction_mean vs slug



Right In: -1164.363 $\pm$ 585.599 χ^2 /NDF: 2.8/7

Left Out: -724.742 $\pm$ 143.999 χ^2 /NDF:34.7/25

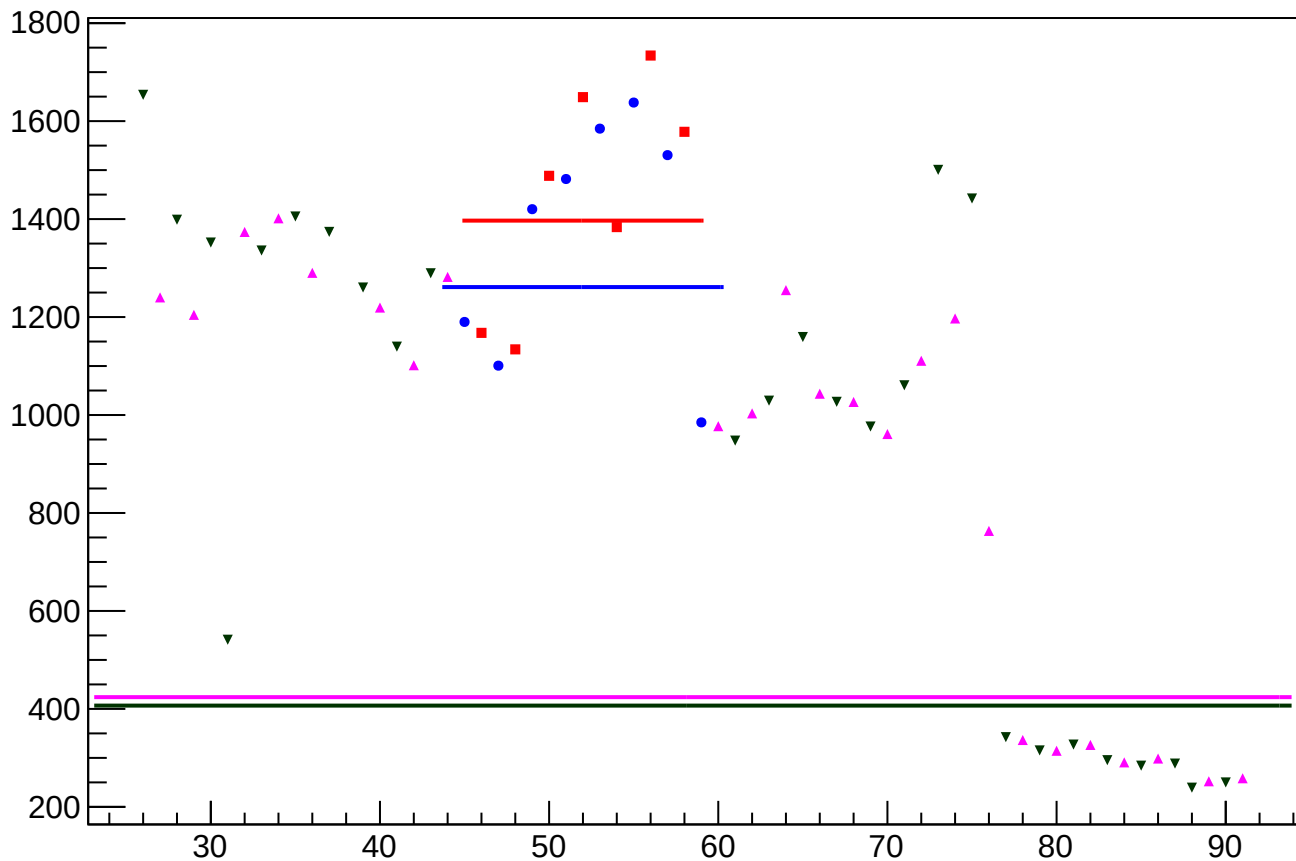
Right Out: 618.026 $\pm$ 760.294 χ^2 /NDF: 10.7/6

Left In: -40.525 $\pm$ 145.007 χ^2 /NDF:32.8/23

-749.809 $\pm$ 139.833 χ^2 /NDF: 38.0/33

-17.411 $\pm$ 142.439 χ^2 /NDF: 44.3/30

asym_at1_dd_correction_rms vs slug



Right In: 1261.199+/-0.414 χ^2/NDF : 322081.5/7

Left Out: 406.760+/-0.102 χ^2/NDF : 9286487.6/25

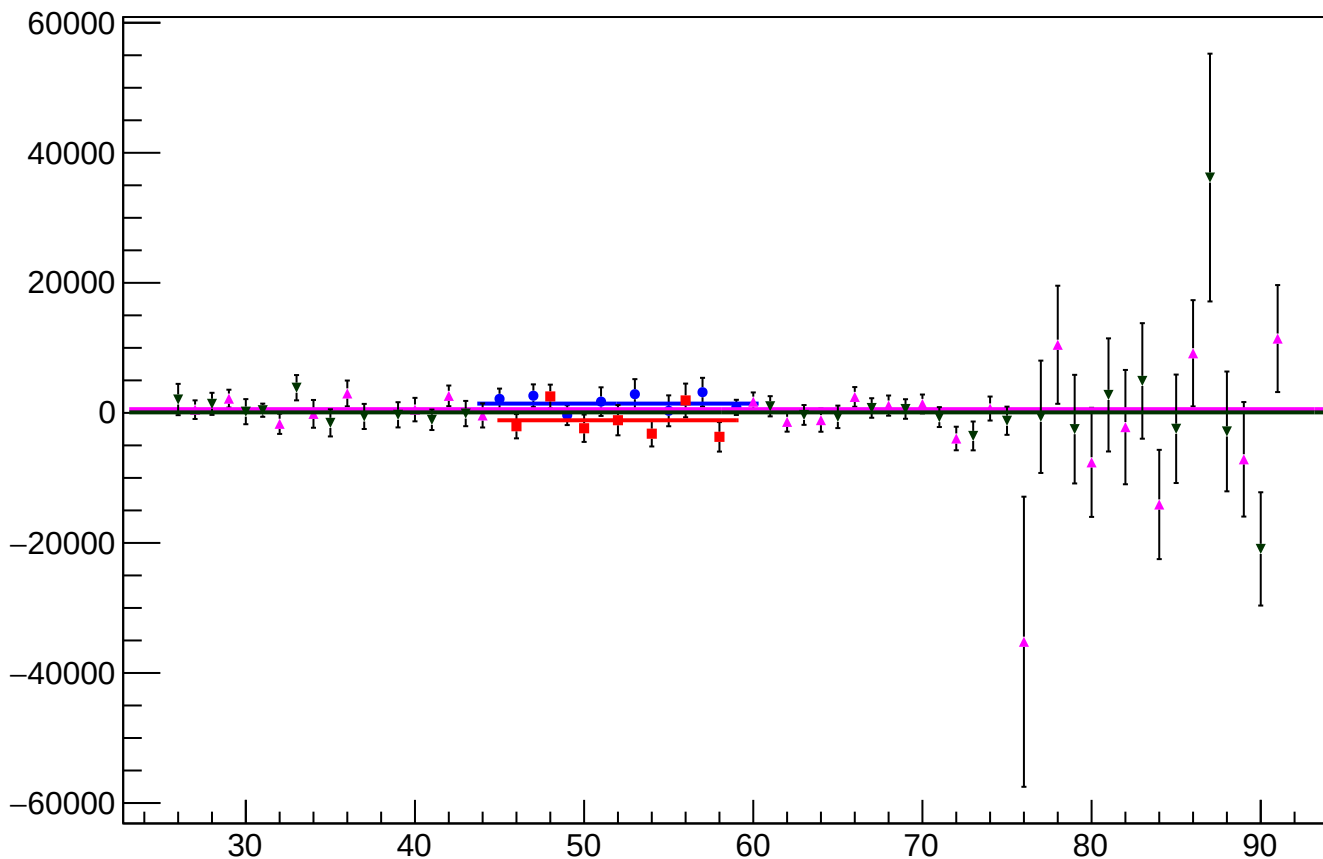
Right Out: 1396.866+/-0.538 χ^2/NDF : 157415.9/6

Left In: 424.023+/-0.103 χ^2/NDF : 9085968.5/23

455.479+/-0.099 χ^2/NDF : 13623659.8/33

458.169+/-0.101 χ^2/NDF : 12403007.0/30

asym_at1_dd_mean vs slug



Right In: 1427.046 ± 611.810 χ^2/NDF : 3.6/7

Left Out: 78.202 ± 393.414 χ^2/NDF : 20.7/25

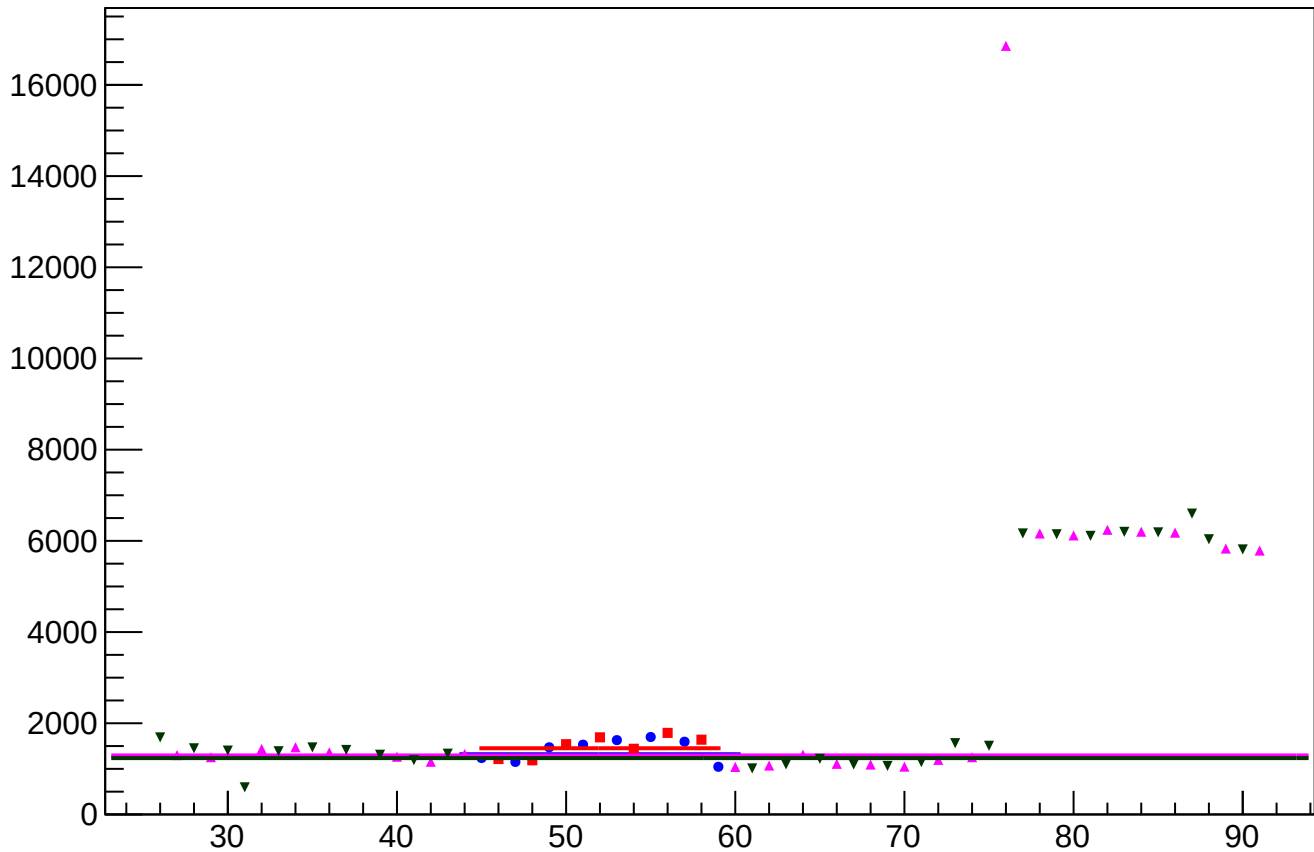
Right Out: -1136.042 ± 789.262 χ^2/NDF : 8.4/6

Left In: 573.031 ± 402.697 χ^2/NDF : 29.9/23

472.782 ± 330.905 χ^2/NDF : 27.7/33

220.017 ± 358.705 χ^2/NDF : 42.0/30

asym_at1_dd_rms vs slug



Right In: 1320.206+/-0.433 χ^2/NDF : 291255.6/7

Left Out: 1235.654+/-0.278 χ^2/NDF : 5715794.8/25

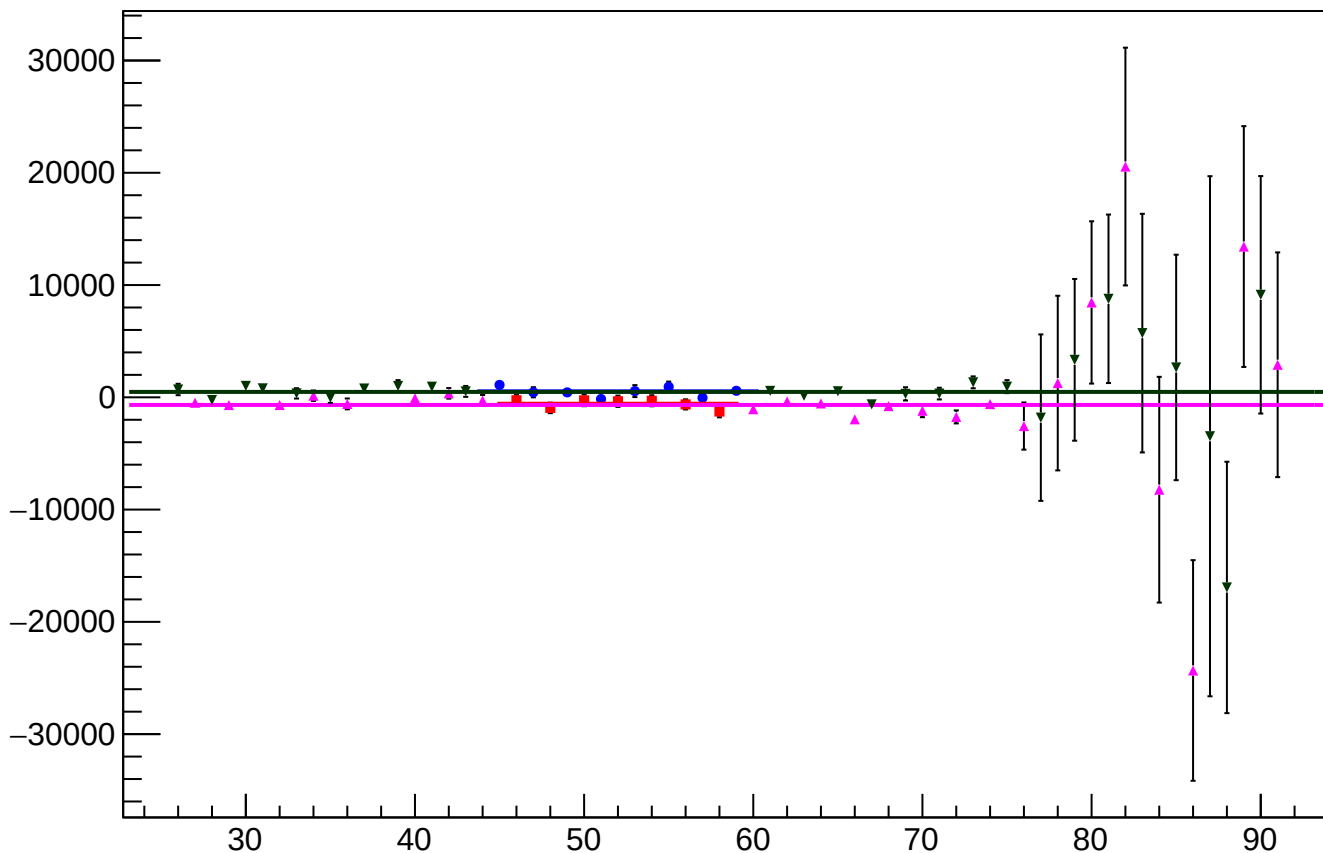
1260.388+/-0.234 χ^2/NDF : 6034074.8/33

Right Out: 1451.930+/-0.558 χ^2/NDF : 146601.3/6

1326.717+/-0.254 χ^2/NDF : 5861584.3/30

Left In: 1294.120+/-0.285 χ^2/NDF : 5651541.3/23

reg_asym_at2_avg_mean vs slug



Right In: 531.682 ± 152.091 χ^2/NDF : 6.1/7

Left Out: 481.447 ± 104.681 χ^2/NDF : 26.7/25

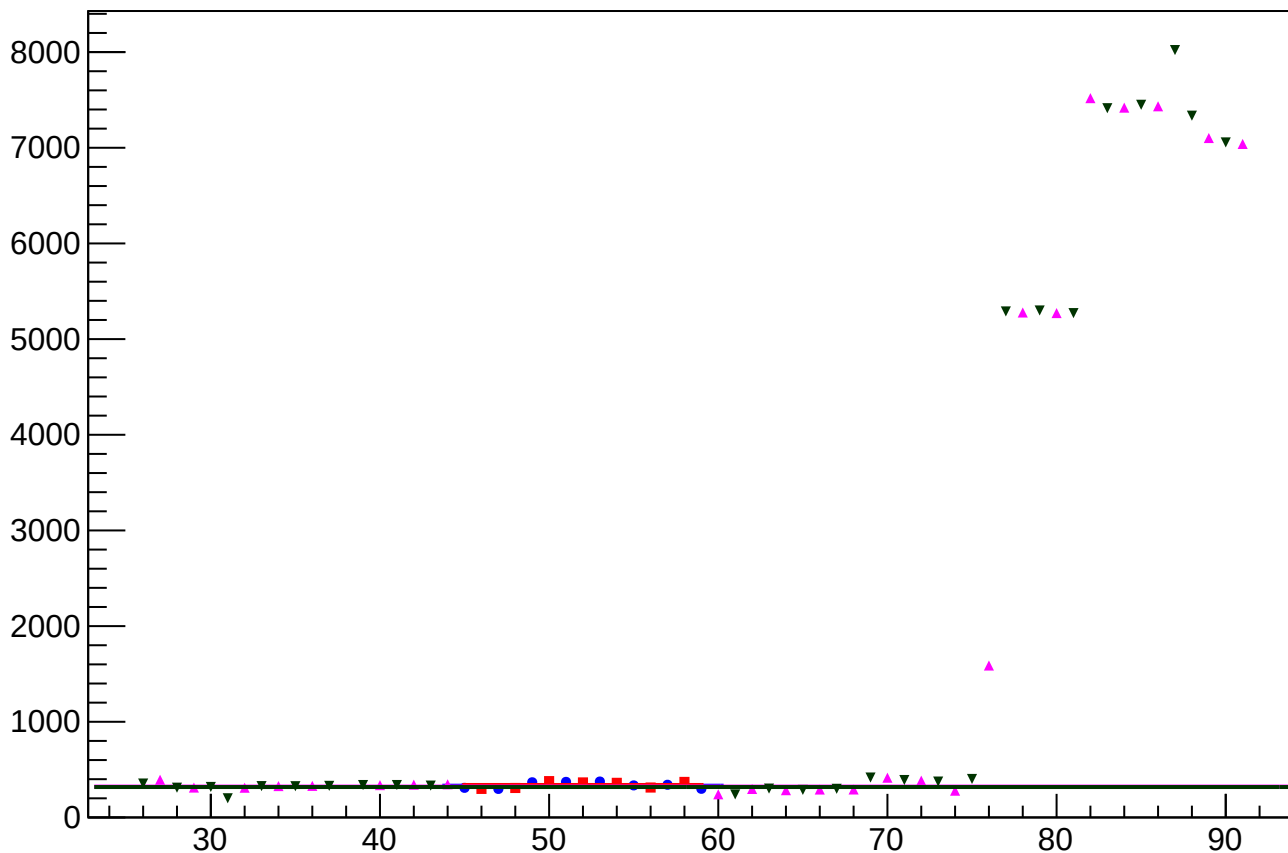
Right Out: -572.877 ± 183.023 χ^2/NDF : 3.7/6

Left In: -679.414 ± 105.169 χ^2/NDF : 41.8/23

497.595 ± 86.230 χ^2/NDF : 32.9/33

-652.969 ± 91.187 χ^2/NDF : 45.8/30

reg_asym_at2_avg_rms vs slug



Right In: 331.980 $\pm$ 0.108 χ^2 /NDF: 79423.9/7

Left Out: 318.044 $\pm$ 0.074 χ^2 /NDF: 6988623.5/25

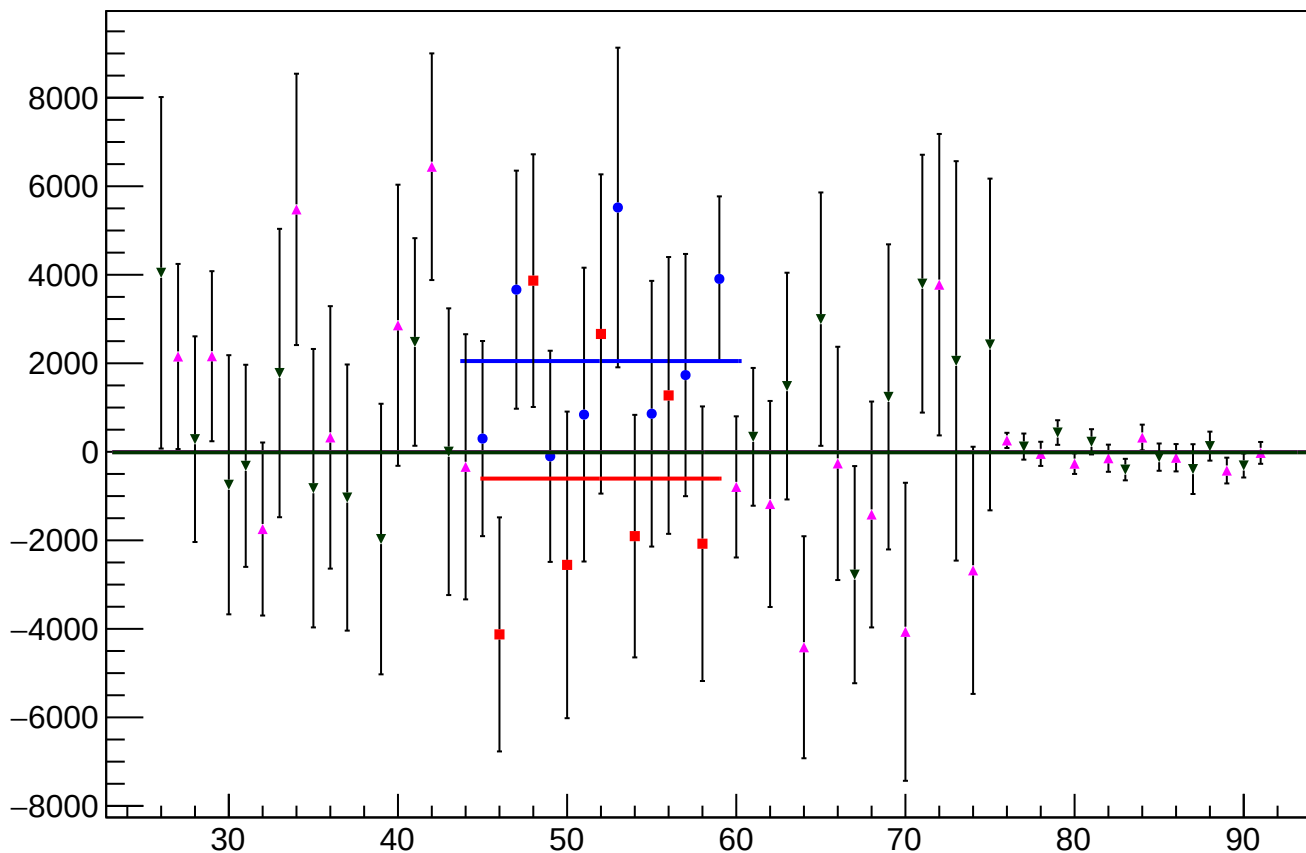
Right Out: 339.436 $\pm$ 0.129 χ^2 /NDF: 61615.5/6

Left In: 322.812 $\pm$ 0.074 χ^2 /NDF: 7479521.0/23

322.523 $\pm$ 0.061 χ^2 /NDF: 7079441.3/33

326.938 $\pm$ 0.064 χ^2 /NDF: 7553540.8/30

asym_at2_avg_correction_mean vs slug



Right In: 2050.497 $\pm$ 905.627 χ^2 /NDF: 4.0/7

Left Out: -11.160 $\pm$ 103.890 χ^2 /NDF:16.4/25

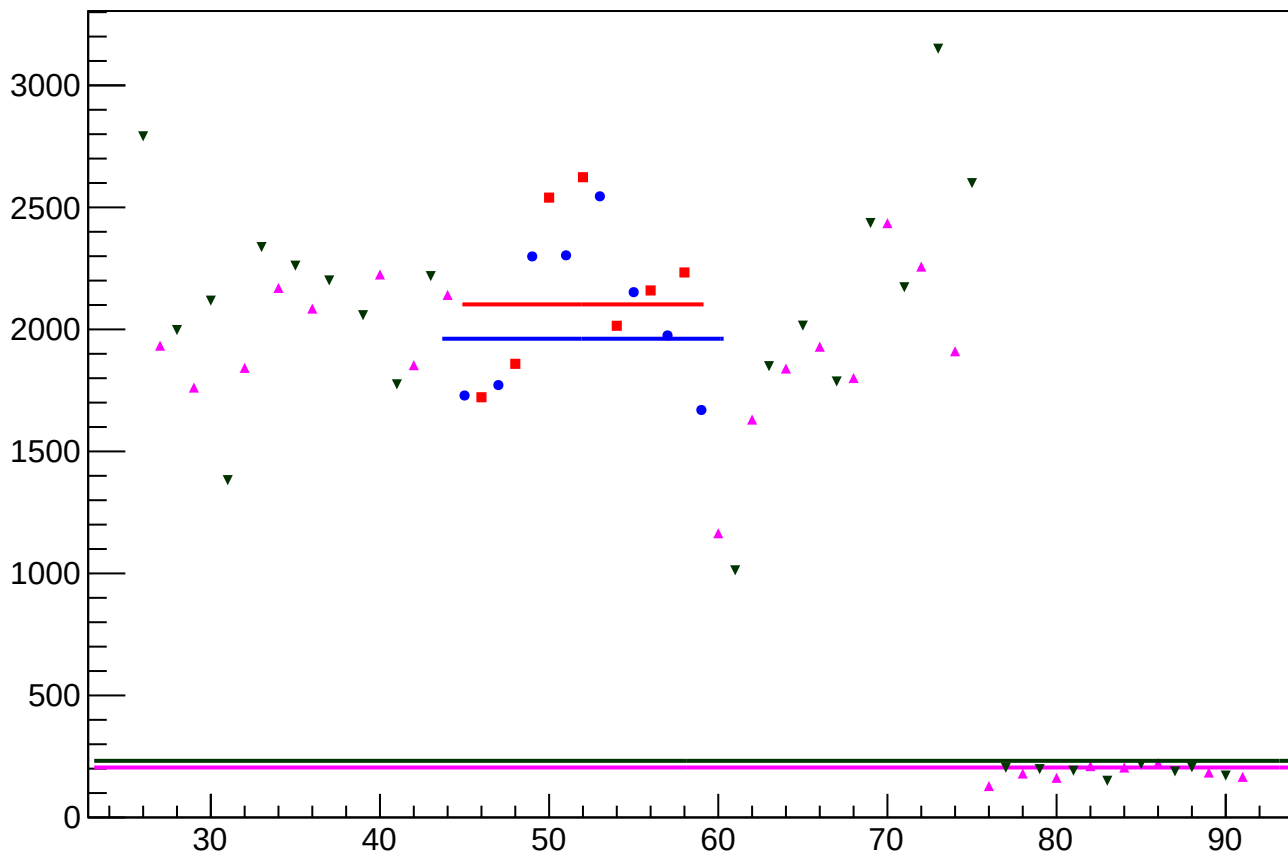
Right Out: -604.729 $\pm$ 1143.066 χ^2 /NDF: 6.2/6

Left In: -5.074 $\pm$ 87.794 χ^2 /NDF:28.4/23

15.619 $\pm$ 103.213 χ^2 /NDF: 25.6/33

-8.591 $\pm$ 87.536 χ^2 /NDF: 34.8/30

asym_at2_avg_correction_rms vs slug



Right In: 1961.744 ± 0.640 χ^2/NDF : 202877.1/7

Left Out: 232.028 ± 0.073 χ^2/NDF : 14841557.5/25

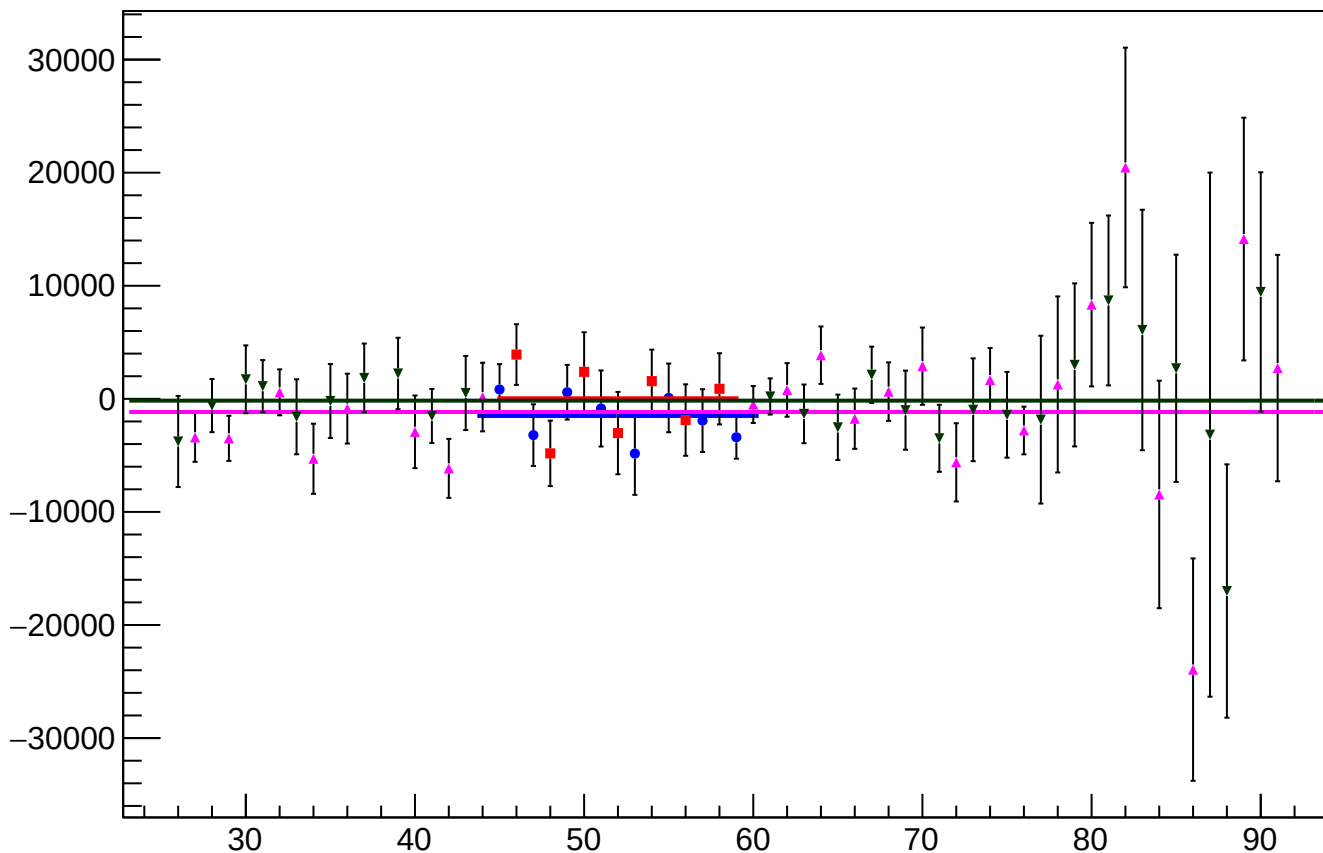
Right Out: 2102.471 ± 0.808 χ^2/NDF : 135930.8/6

Left In: 204.728 ± 0.062 χ^2/NDF : 15040897.1/23

254.495 ± 0.073 χ^2/NDF : 22245602.2/33

215.857 ± 0.062 χ^2/NDF : 20657170.0/30

asym_at2_avg_mean vs slug



Right In: -1511.803+/-918.938 χ^2/NDF : 4.4/7

Left Out: -159.653+/-641.633 χ^2/NDF : 11.5/25

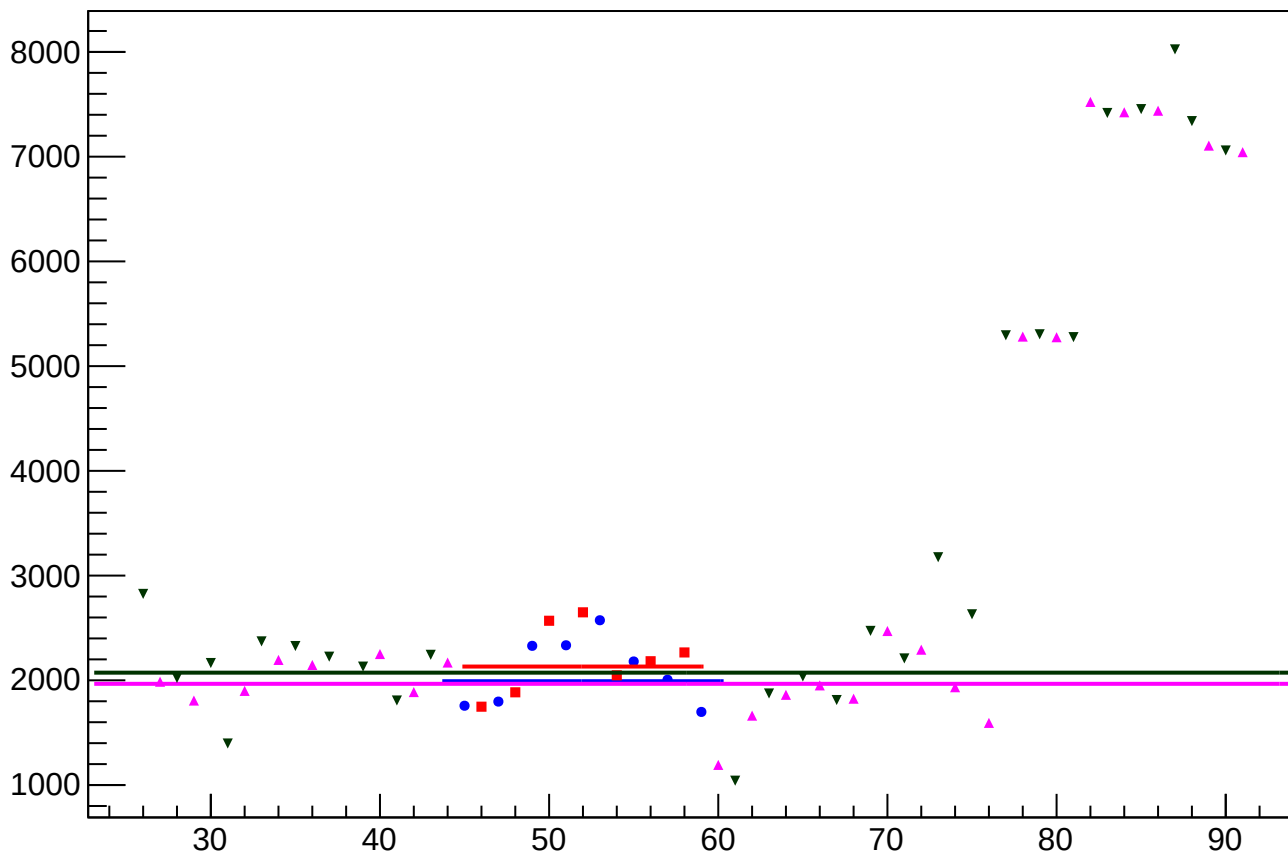
Right Out: 49.747+/-1158.412 χ^2/NDF : 6.8/6

Left In: -1163.854+/-590.251 χ^2/NDF : 33.1/23

-602.813+/-526.083 χ^2/NDF : 17.3/33

-913.715+/-525.916 χ^2/NDF : 40.8/30

asym_at2_avg_rms vs slug



Right In: 1991.326+/-0.650 χ^2/NDF : 198337.4/7

Left Out: 2073.149+/-0.454 χ^2/NDF : 4603140.2/25

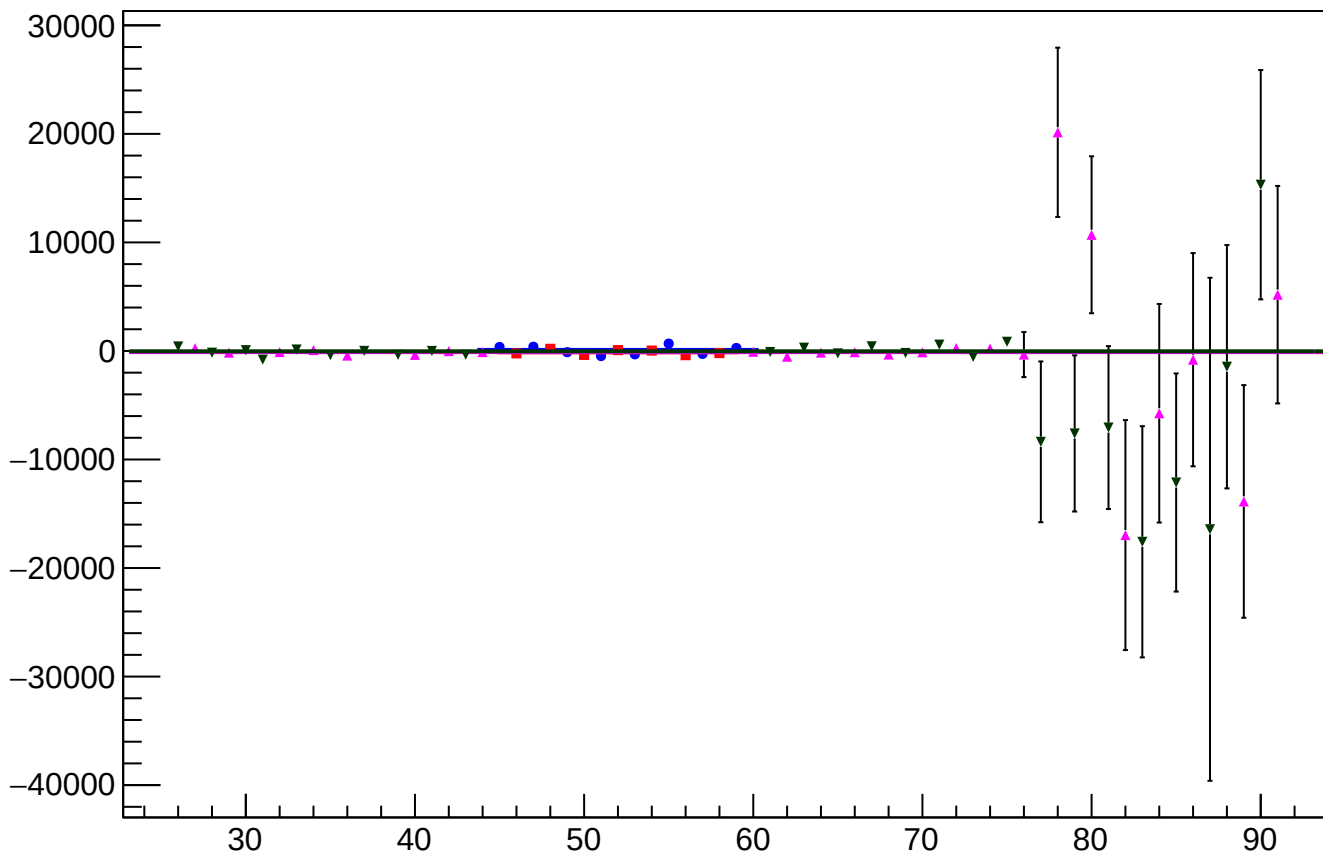
Right Out: 2131.491+/-0.819 χ^2/NDF : 132817.5/6

Left In: 1966.521+/-0.417 χ^2/NDF : 4188807.1/23

2046.332+/-0.372 χ^2/NDF : 4812137.2/33

2000.523+/-0.372 χ^2/NDF : 4353825.7/30

reg_asym_at2_dd_mean vs slug



Right In: 95.430+/-102.513 χ^2/NDF : 12.1/7

Left Out: -32.710+/-76.394 χ^2/NDF : 34.1/25

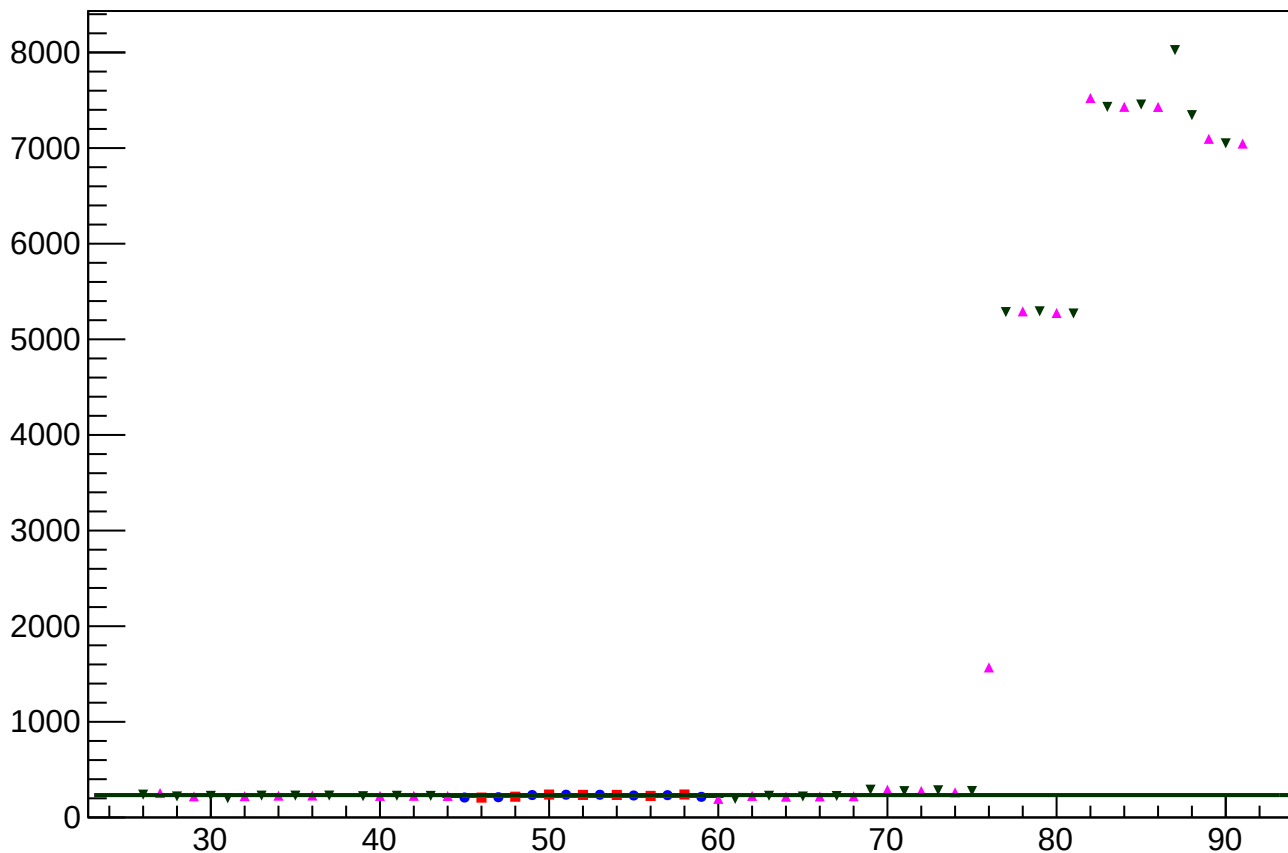
Right Out: -122.533+/-122.608 χ^2/NDF : 3.0/6

Left In: -109.845+/-76.323 χ^2/NDF : 21.2/23

13.043+/-61.256 χ^2/NDF : 47.2/33

-113.389+/-64.795 χ^2/NDF : 24.1/30

reg_asym_at2_dd_rms vs slug



Right In: 224.791+/-0.072 χ^2/NDF : 24221.9/7

Left Out: 233.677+/-0.054 χ^2/NDF : 6824906.9/25

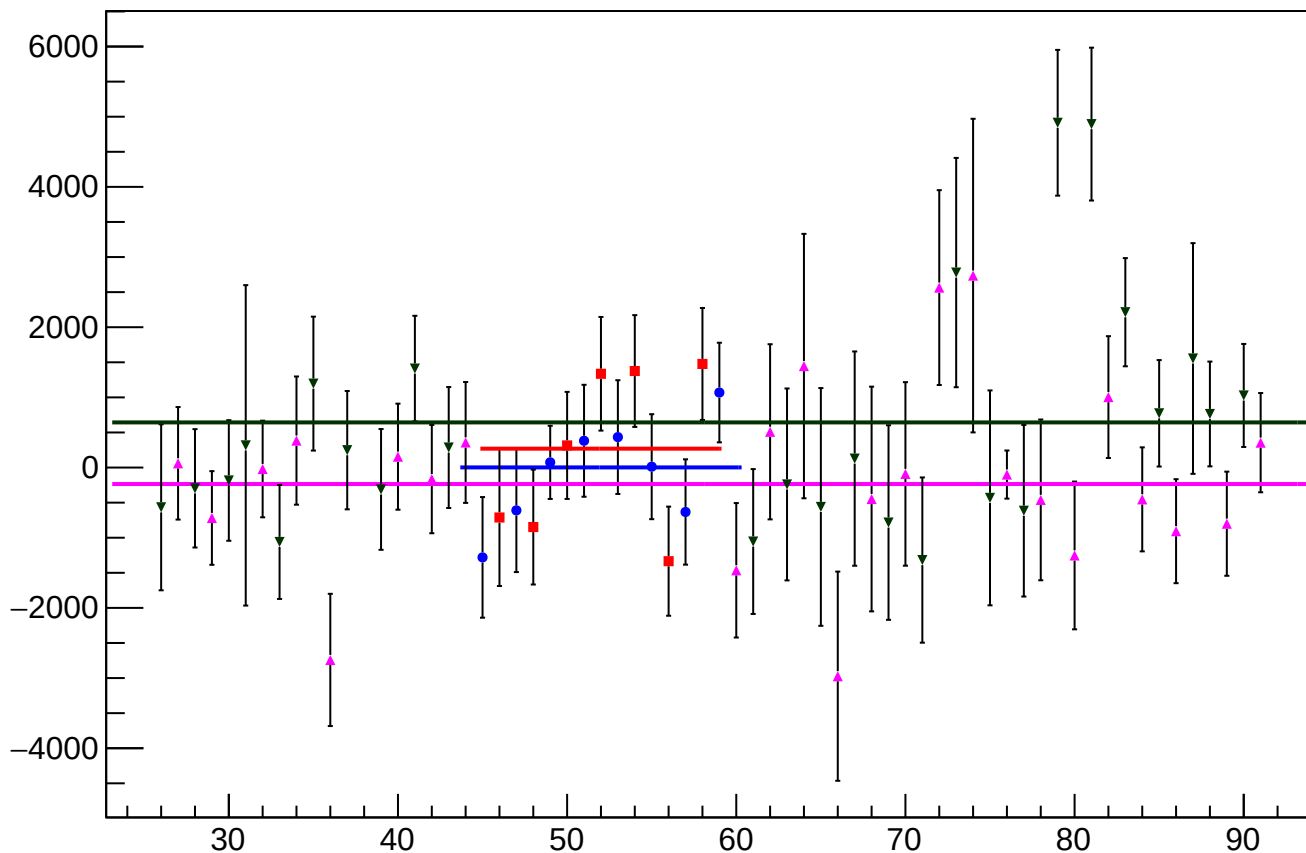
Right Out: 228.580+/-0.087 χ^2/NDF : 17773.3/6

Left In: 234.316+/-0.054 χ^2/NDF : 7587024.7/23

230.504+/-0.043 χ^2/NDF : 6858789.0/33

232.714+/-0.046 χ^2/NDF : 7607952.9/30

asym_at2_dd_correction_mean vs slug



Right In: 2.064 $\pm$ 258.508 χ^2/NDF : 6.2/7

Left Out: 643.258 $\pm$ 194.916 χ^2/NDF : 58.4/25

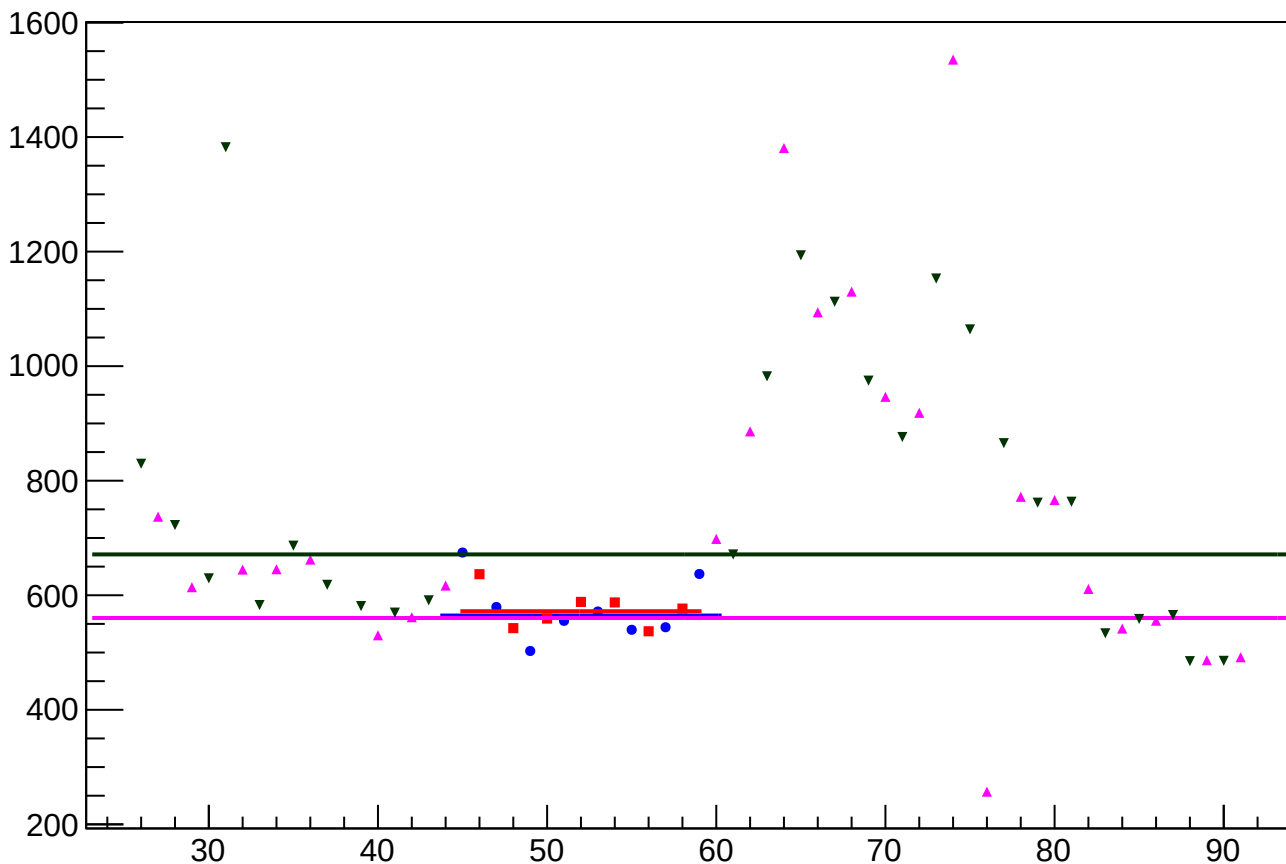
Right Out: 269.250 $\pm$ 307.391 χ^2/NDF : 13.1/6

Left In: -234.797 $\pm$ 166.395 χ^2/NDF : 26.4/23

410.853 $\pm$ 155.633 χ^2/NDF : 68.5/33

-120.571 $\pm$ 146.332 χ^2/NDF : 41.6/30

asym_at2_dd_correction_rms vs slug



Right In: 564.591+/-0.183 χ^2/NDF : 86488.0/7

Left Out: 671.316+/-0.138 χ^2/NDF :1720719.6/25

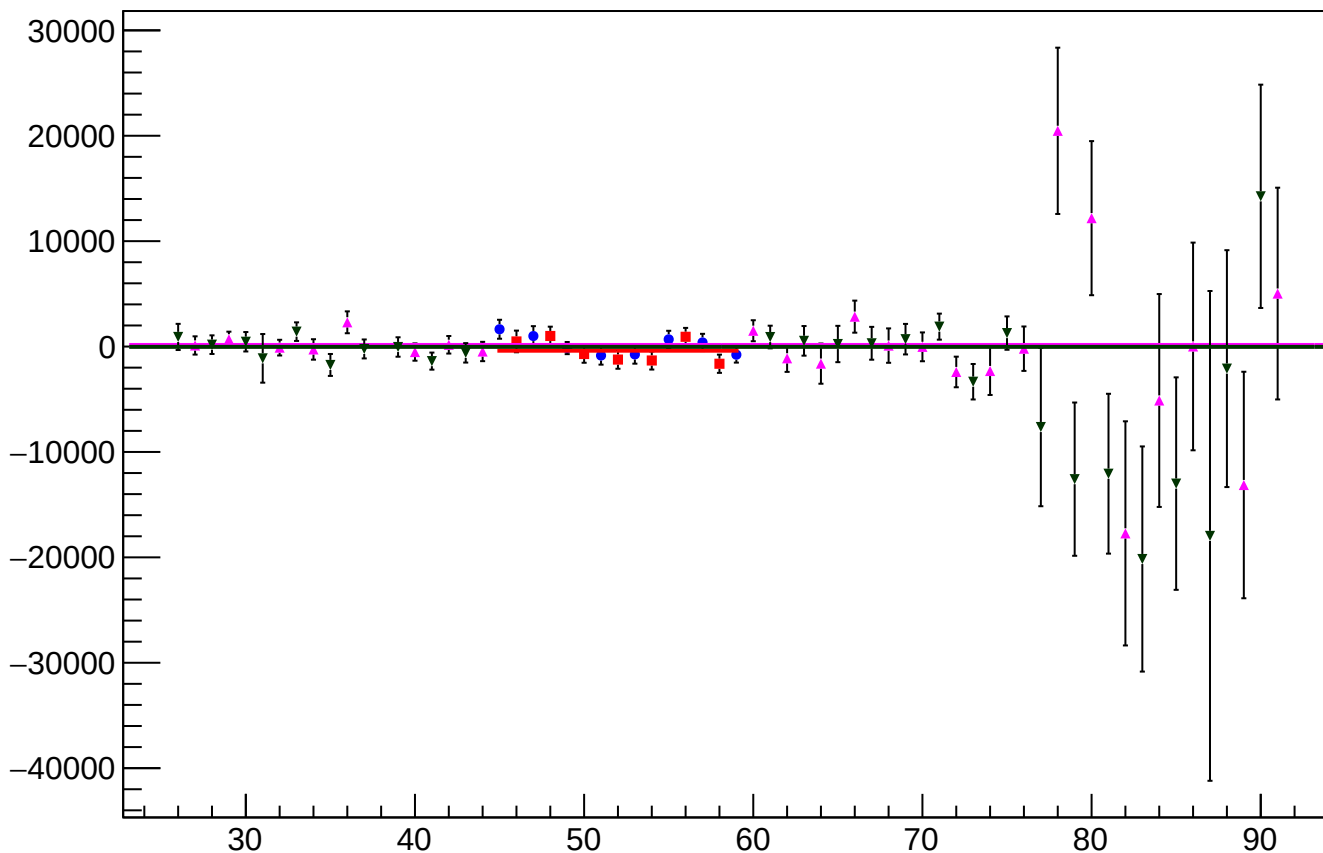
Right Out: 572.114+/-0.217 χ^2/NDF : 17601.5/6

Left In: 560.320+/-0.118 χ^2/NDF :3703155.4/23

632.633+/-0.110 χ^2/NDF : 2024539.6/33

562.993+/-0.103 χ^2/NDF : 3723033.7/30

asym_at2_dd_mean vs slug



Right In: 68.709+/-279.434 χ^2/NDF : 8.1/7

Left Out: -28.402+/-260.661 χ^2/NDF : 32.1/25

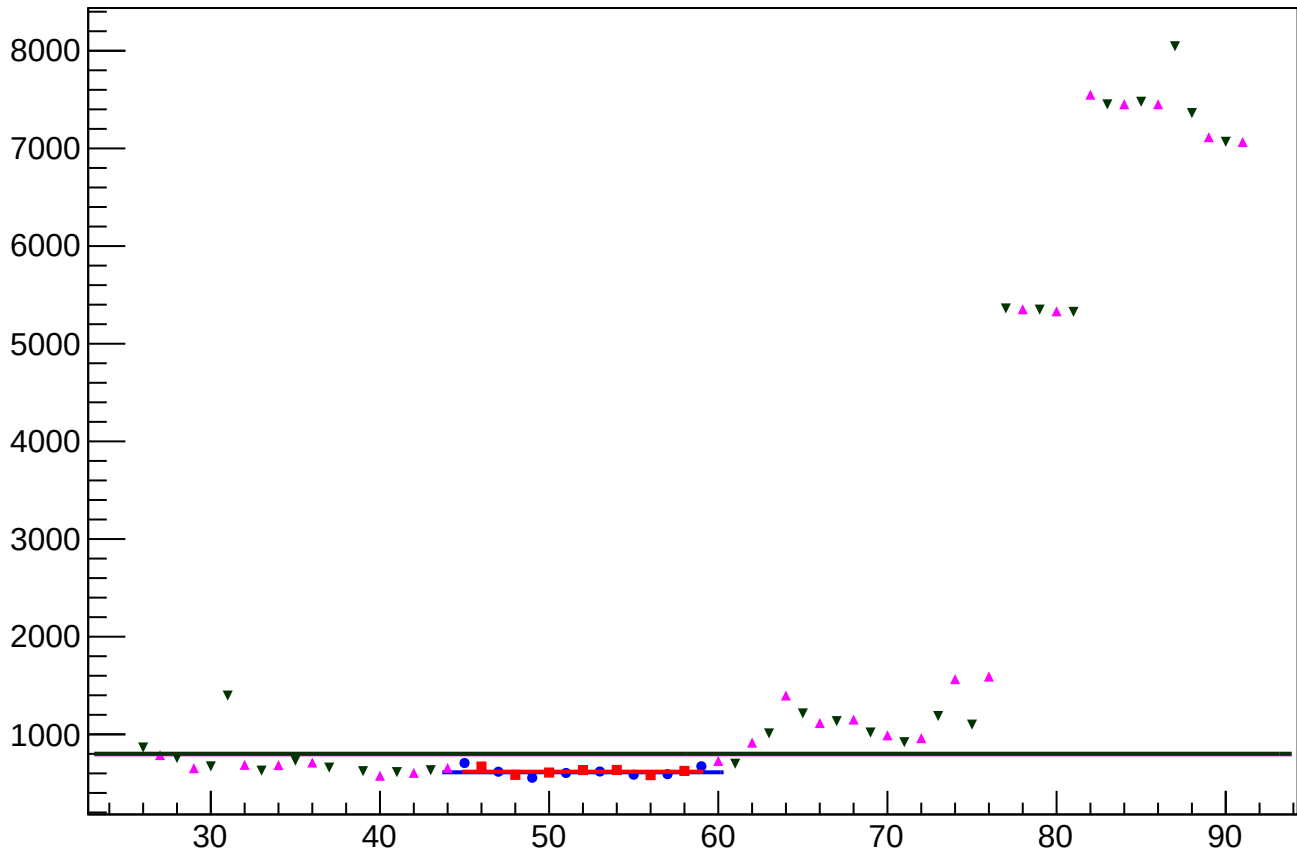
Right Out: -392.161+/-331.707 χ^2/NDF : 10.0/6

Left In: 150.687+/-255.265 χ^2/NDF : 31.6/23

16.782+/-190.607 χ^2/NDF : 40.3/33

-51.221+/-202.298 χ^2/NDF : 43.2/30

asym_at2_dd_rms vs slug



Right In: 611.347+/-0.198 χ^2/NDF : 57941.6/7

Left Out: 801.830+/-0.184 χ^2/NDF : 6537019.1/25

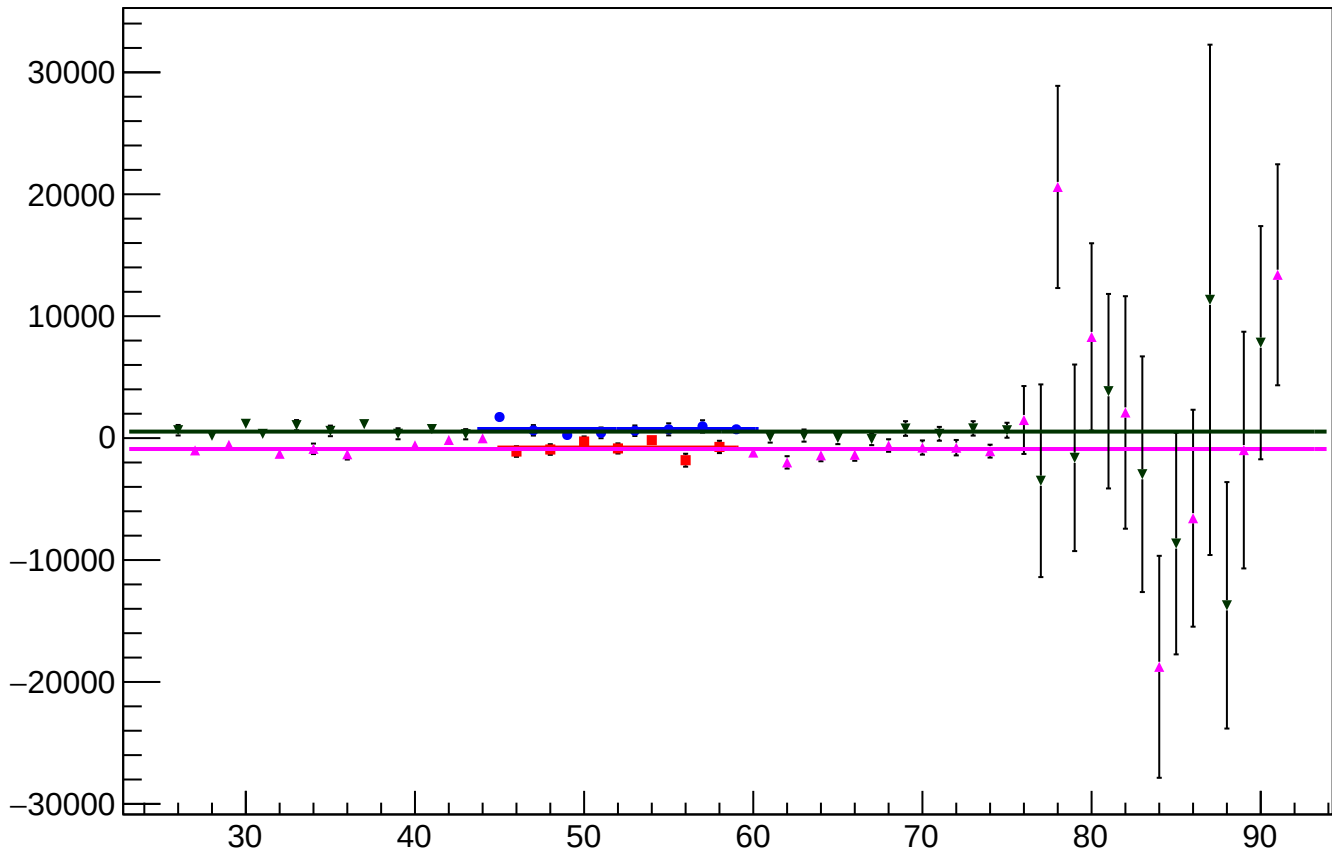
713.201+/-0.135 χ^2/NDF : 7091905.4/33

Right Out: 617.831+/-0.235 χ^2/NDF : 13348.0/6

729.009+/-0.143 χ^2/NDF : 7310951.6/30

Left In: 794.849+/-0.180 χ^2/NDF : 6939871.9/23

reg_asym_atl1r2_avg_mean vs slug



Right In: 747.042+/-140.966 χ^2/NDF : 10.6/7

Left Out: 534.827+/-105.646 χ^2/NDF : 17.5/25

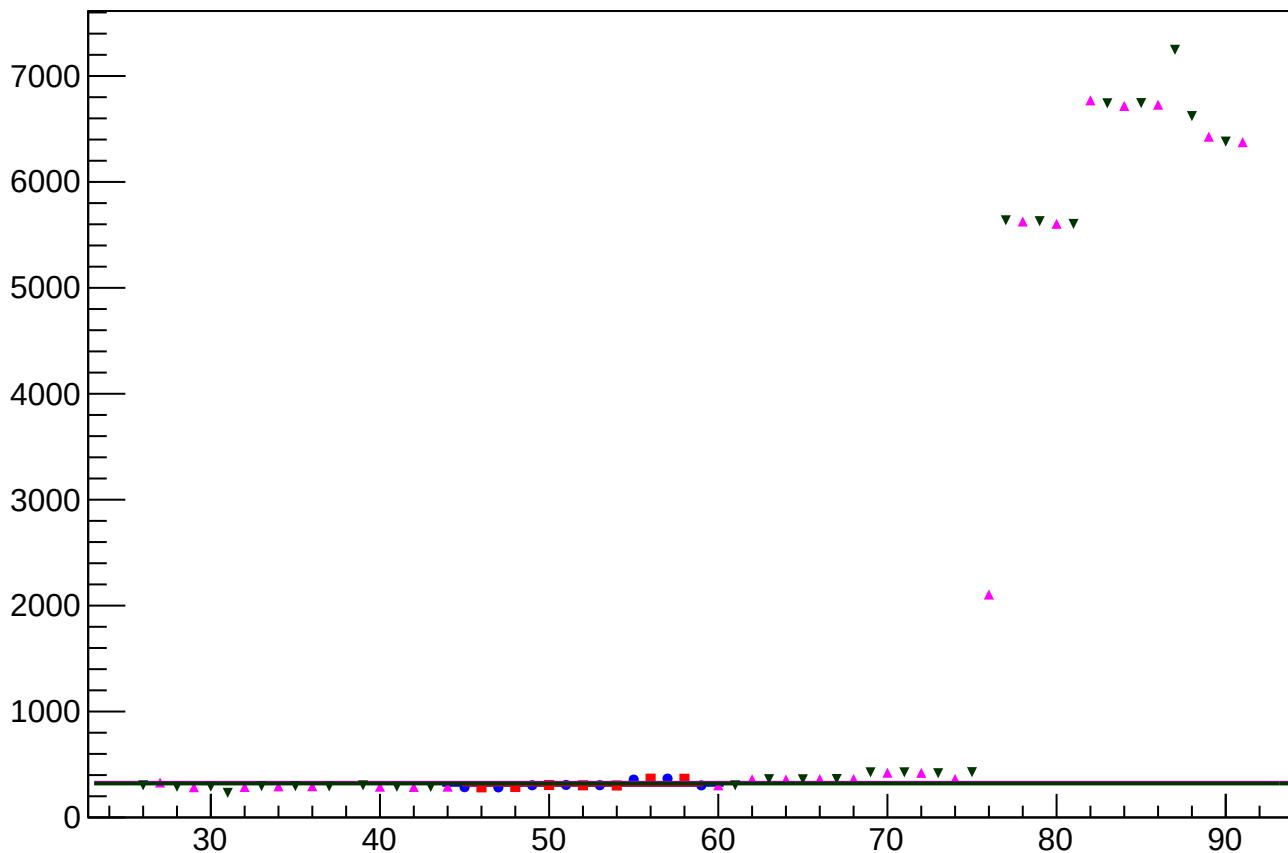
Right Out: -774.167+/-167.630 χ^2/NDF : 8.2/6

Left In: -893.317+/-106.629 χ^2/NDF : 36.0/23

611.153+/-84.540 χ^2/NDF : 29.5/33

-858.994+/-89.970 χ^2/NDF : 44.6/30

reg_asym_atl1r2_avg_rms vs slug



Right In: 308.387+/-0.100 χ^2/NDF : 61388.0/7

Left Out: 321.215+/-0.075 χ^2/NDF : 6896771.2/25

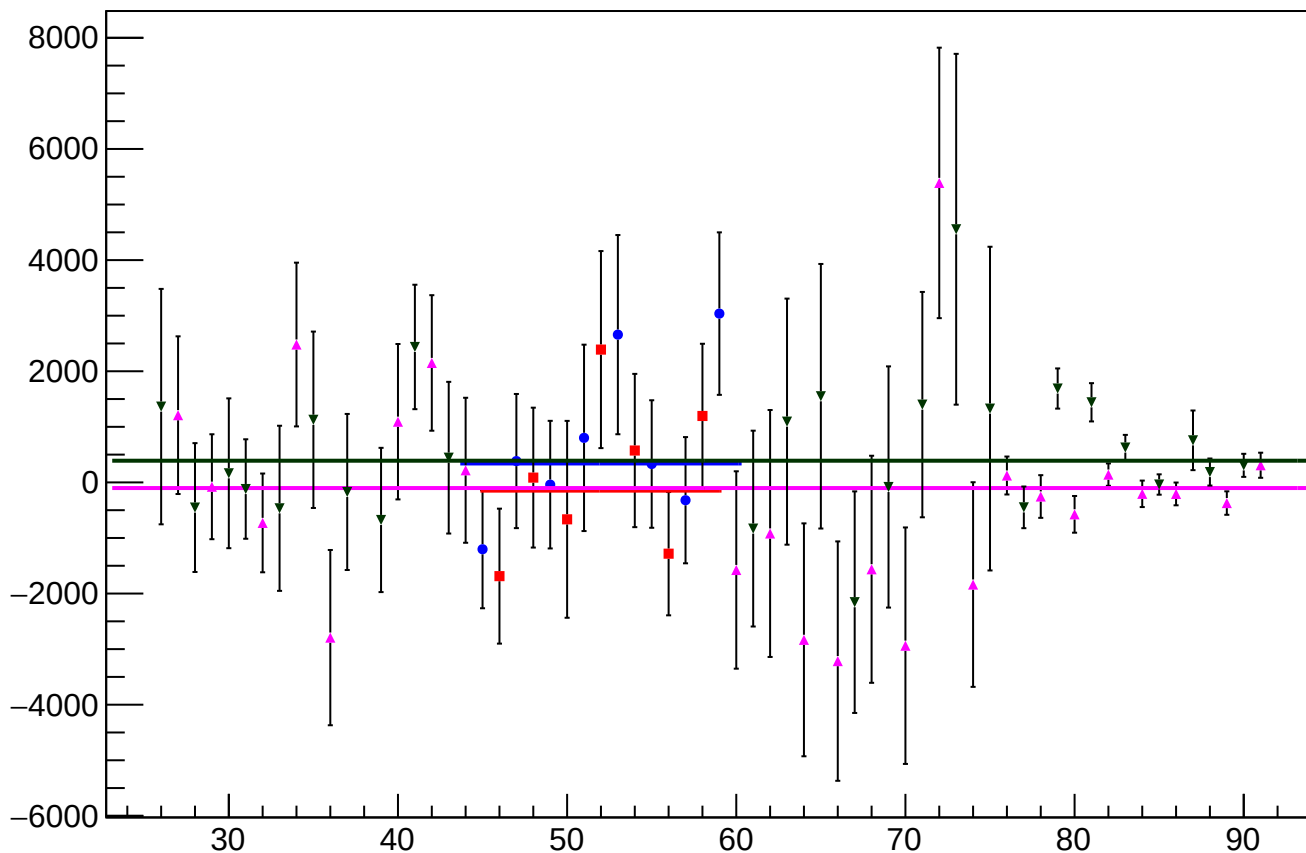
Right Out: 311.553+/-0.119 χ^2/NDF : 59945.8/6

Left In: 327.080+/-0.075 χ^2/NDF : 7483324.4/23

316.601+/-0.060 χ^2/NDF : 6968765.0/33

322.607+/-0.064 χ^2/NDF : 7555486.4/30

asym_atl1r2_avg_correction_mean vs slug



Right In: 340.782 $\pm$ 447.168 χ^2 /NDF: 7.7/7

Left Out: 390.241 $\pm$ 89.956 χ^2 /NDF:45.5/25

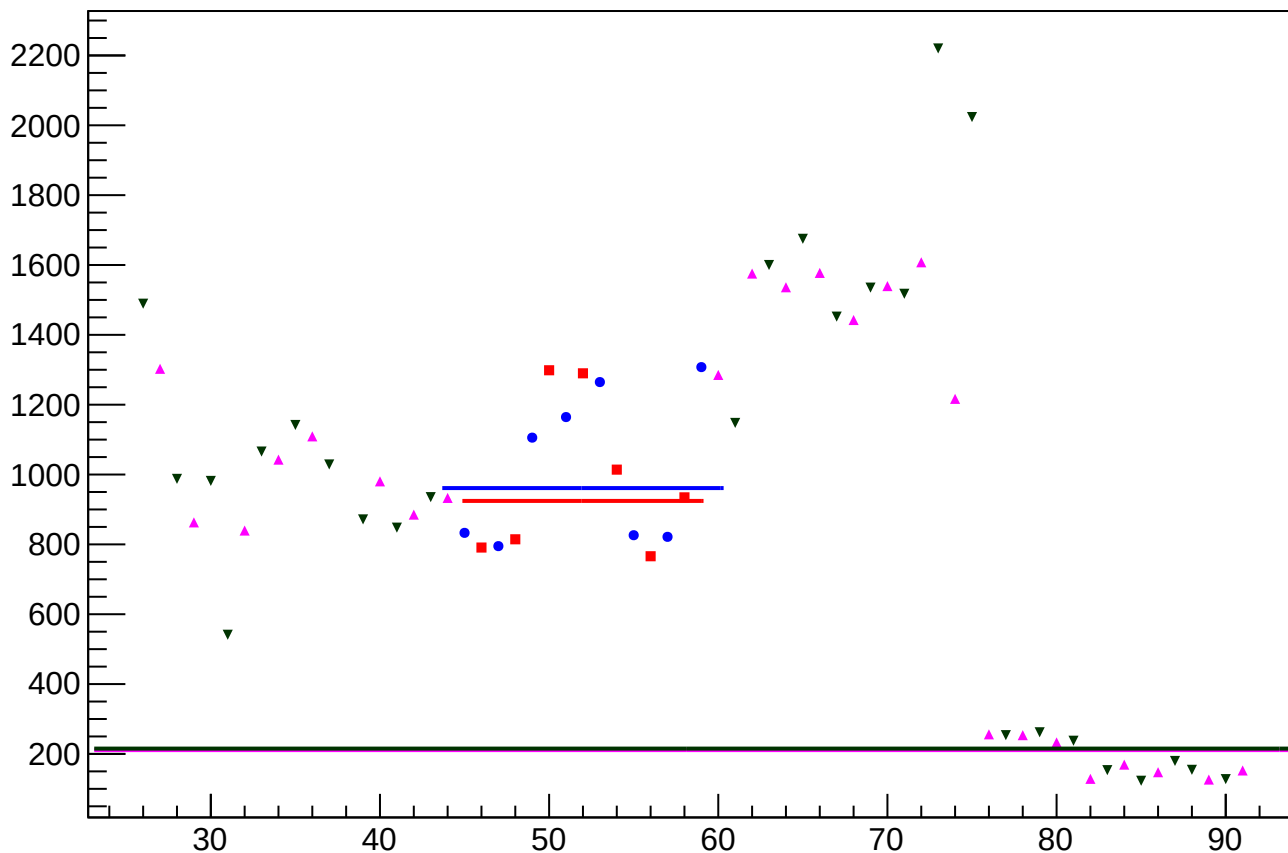
Right Out: -147.984 $\pm$ 507.854 χ^2 /NDF: 6.2/6

Left In: -101.670 $\pm$ 84.487 χ^2 /NDF:33.9/23

388.317 $\pm$ 88.189 χ^2 /NDF: 53.2/33

-102.917 $\pm$ 83.342 χ^2 /NDF: 40.1/30

asym_atl1r2_avg_correction_rms vs slug



Right In: 961.211+/-0.316 χ^2/NDF : 355658.6/7

Left Out: 215.248+/-0.064 χ^2/NDF :13451277.4/25

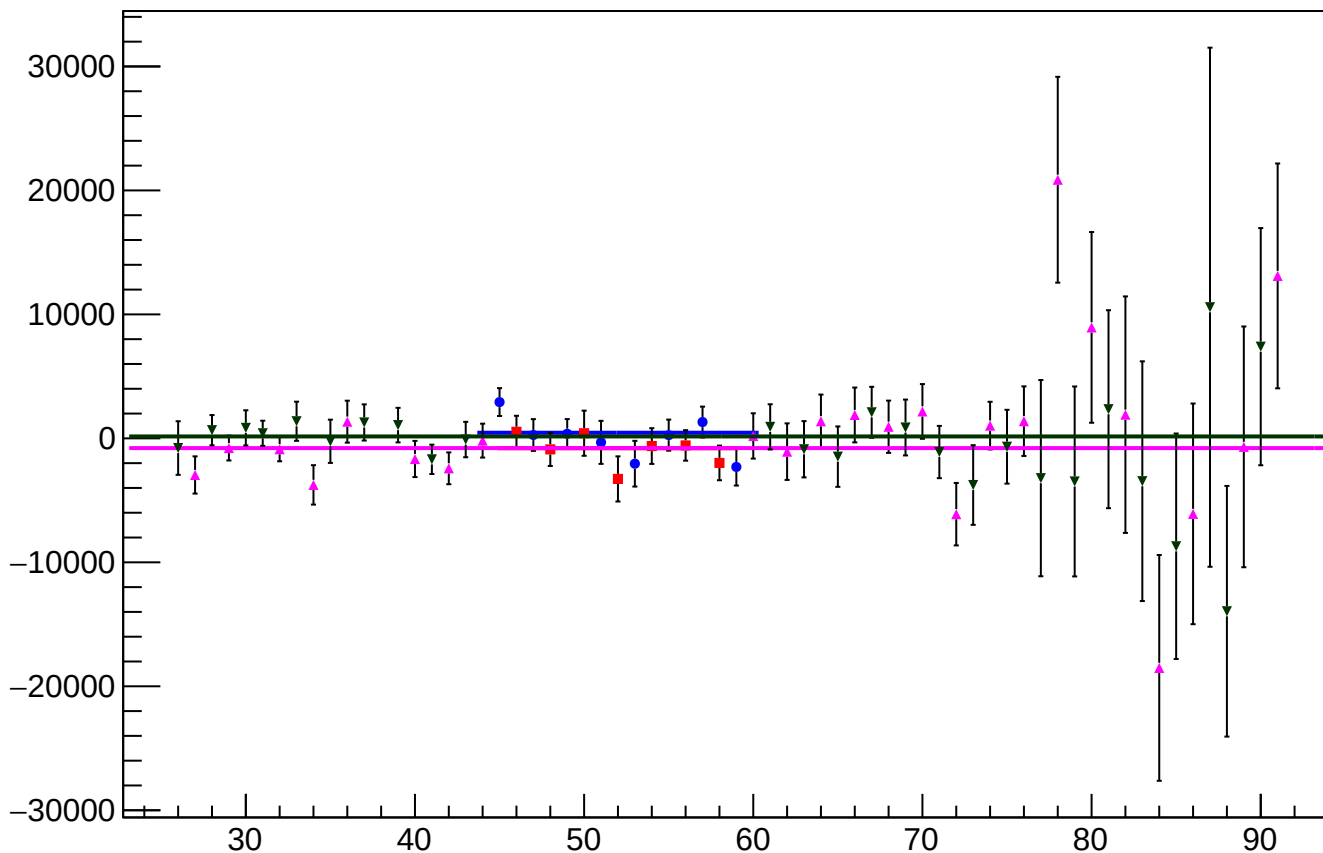
Right Out: 924.451+/-0.359 χ^2/NDF : 262960.3/6

Left In: 210.903+/-0.060 χ^2/NDF :13217435.4/23

244.263+/-0.062 χ^2/NDF : 19156195.5/33

230.119+/-0.059 χ^2/NDF : 17322264.1/30

asym_atl1r2_avg_mean vs slug



Right In: 453.829+/-473.652 χ^2/NDF : 10.8/7

Left Out: 154.147+/-380.641 χ^2/NDF :12.9/25

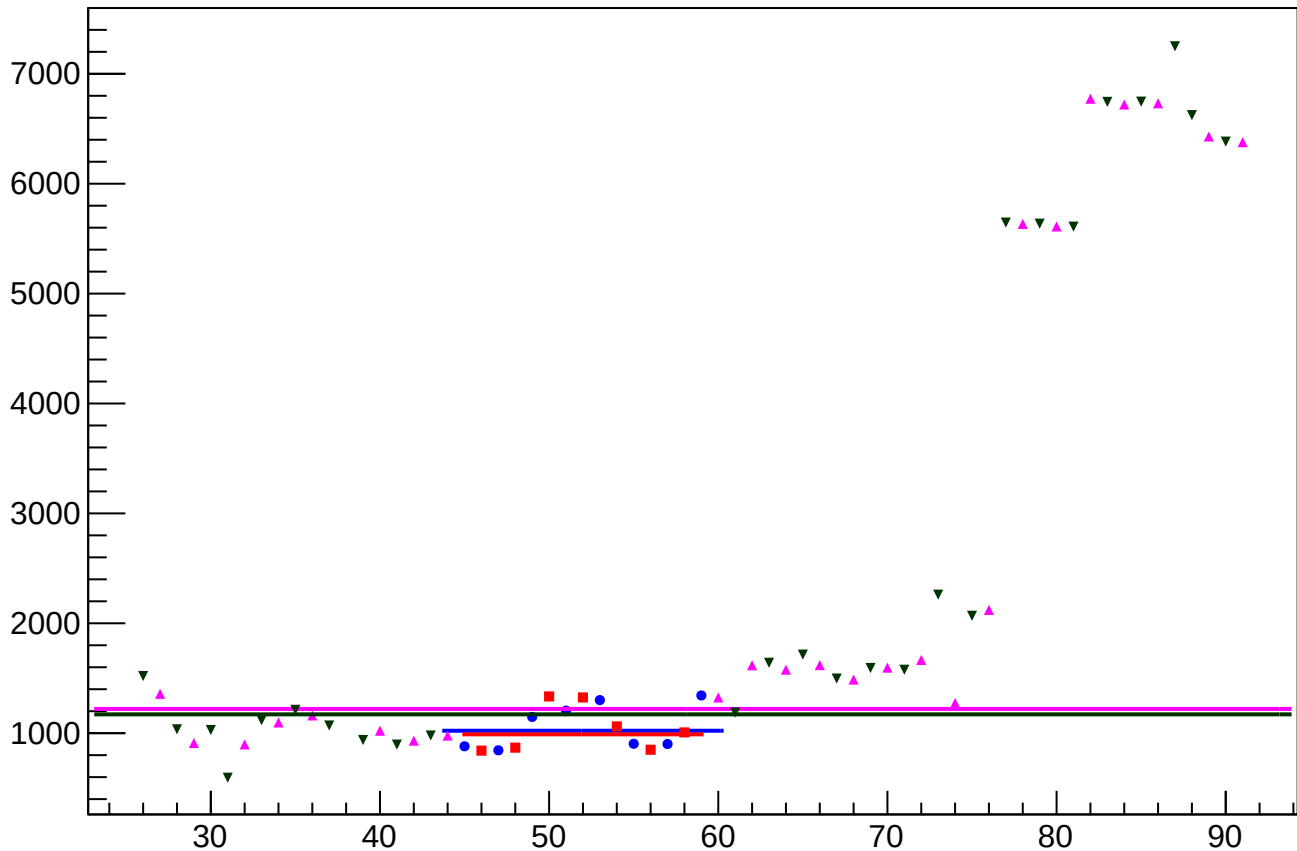
Right Out: -798.954+/-541.014 χ^2/NDF : 4.1/6

Left In: -784.735+/-382.398 χ^2/NDF :35.5/23

271.743+/-296.704 χ^2/NDF : 23.9/33

-789.472+/-312.269 χ^2/NDF : 39.6/30

asym_atl1r2_avg_rms vs slug



Right In: 1022.192 ± 0.335 χ^2/NDF : 288751.1/7

Left Out: 1171.259 ± 0.269 χ^2/NDF : 6445083.7/25

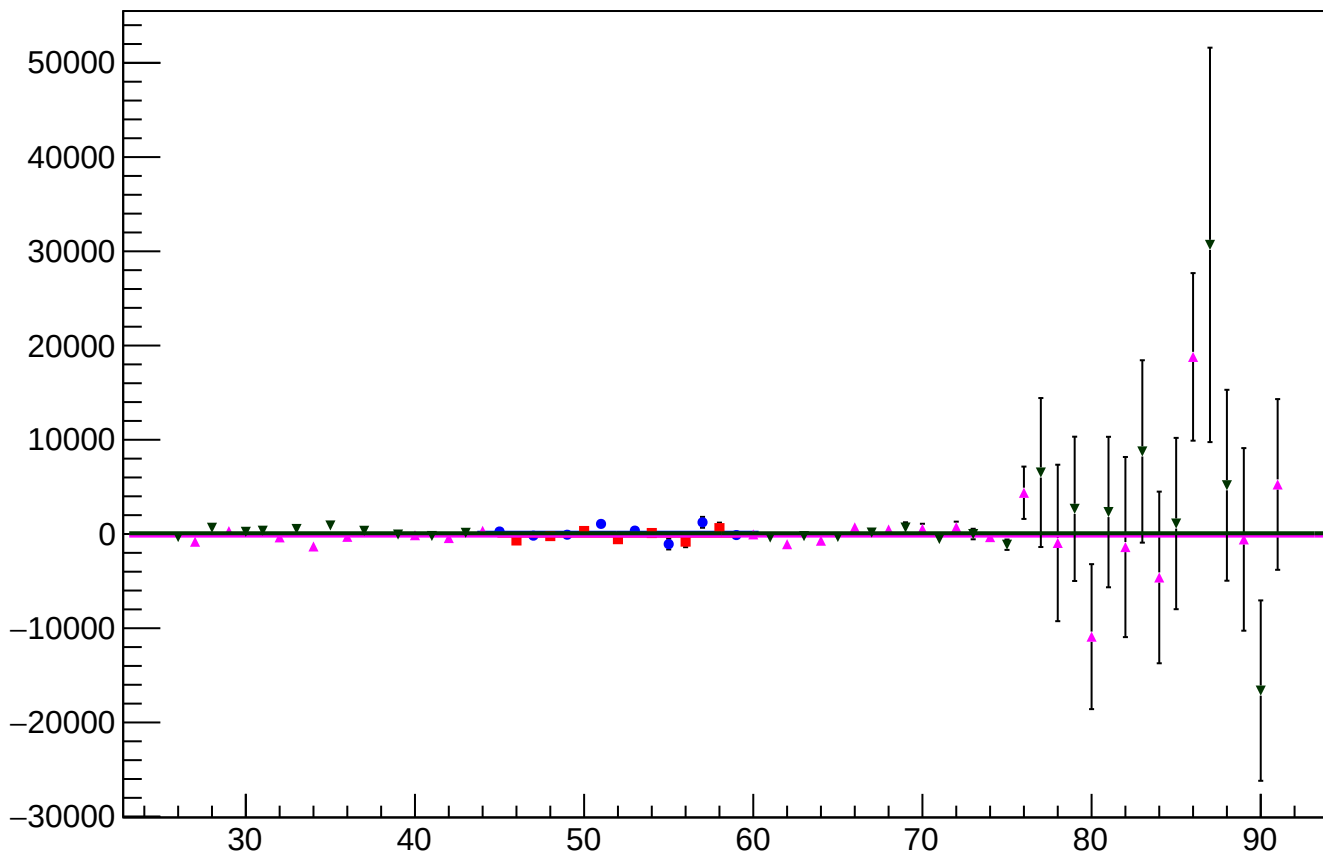
Right Out: 989.365 ± 0.383 χ^2/NDF : 213815.6/6

Left In: 1220.785 ± 0.270 χ^2/NDF : 5805134.3/23

1112.765 ± 0.210 χ^2/NDF : 6854198.4/33

1143.687 ± 0.221 χ^2/NDF : 6262978.6/30

reg_asym_atl1r2_dd_mean vs slug



Right In: 134.791+/-156.984 χ^2/NDF : 13.4/7

Left Out: 79.185+/-109.316 χ^2/NDF : 25.4/25

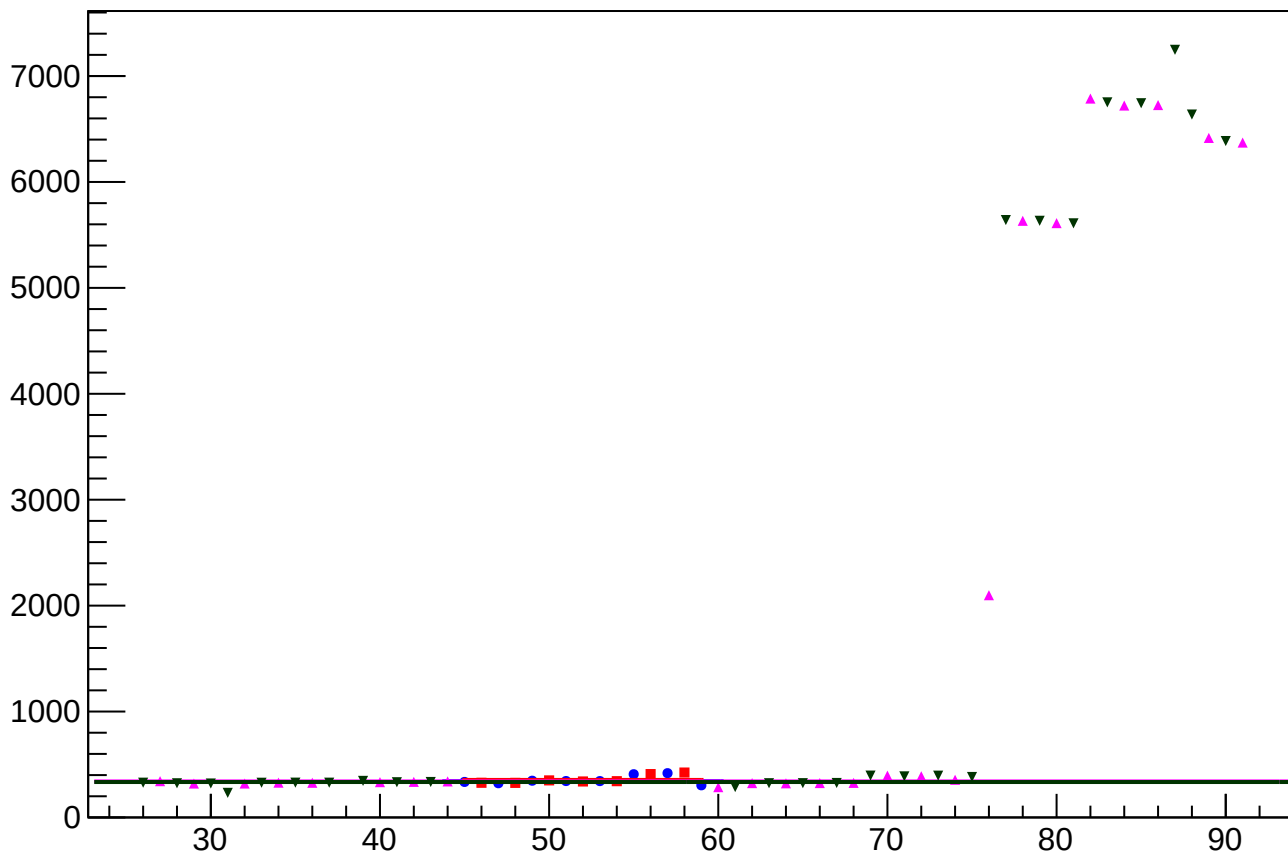
Right Out: -172.221+/-190.608 χ^2/NDF : 6.1/6

Left In: -171.541+/-110.173 χ^2/NDF : 37.9/23

97.344+/-89.709 χ^2/NDF : 38.9/33

-171.711+/-95.385 χ^2/NDF : 44.0/30

reg_asym_atl1r2_dd_rms vs slug



Right In: 342.830+/-0.111 χ^2/NDF : 91824.6/7

Left Out: 334.516+/-0.077 χ^2/NDF : 6644786.3/25

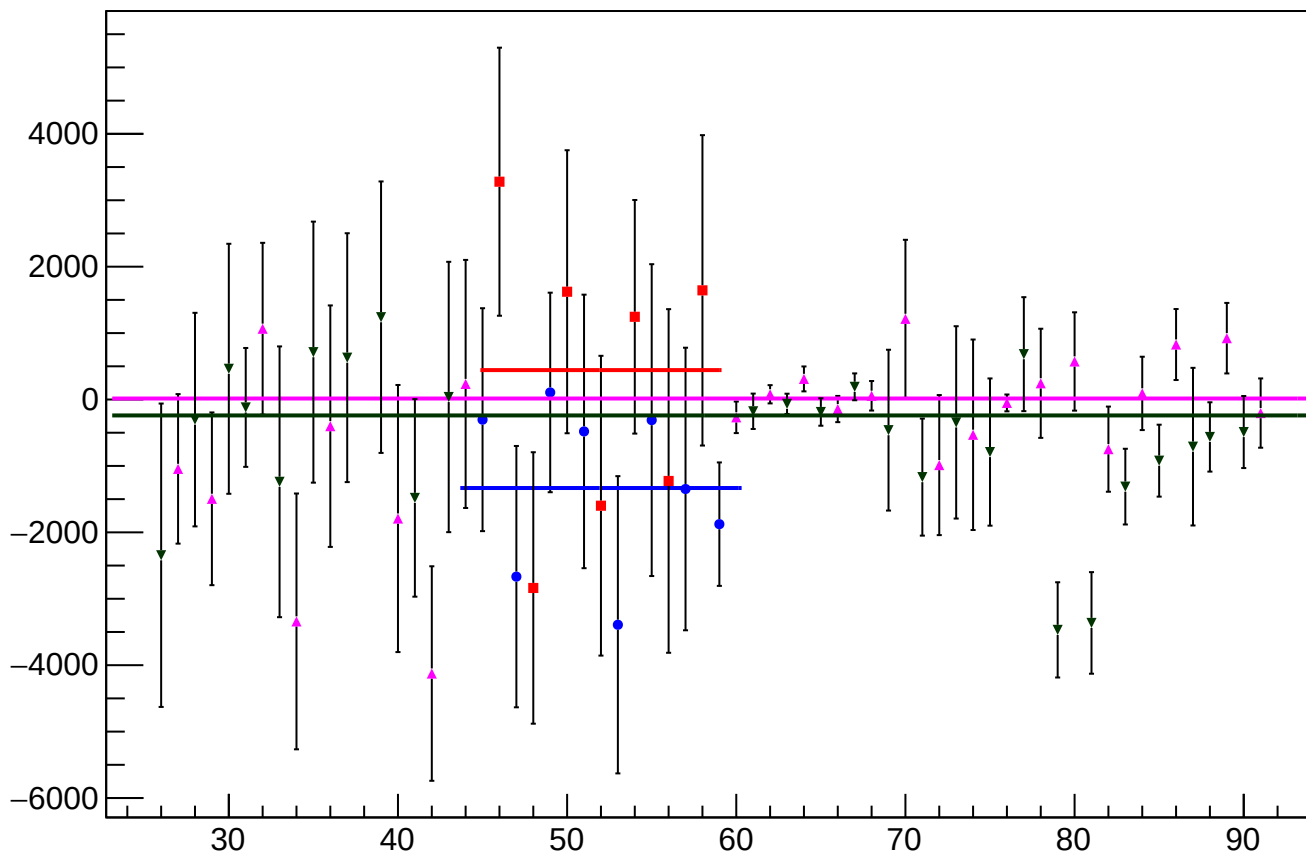
Right Out: 354.210+/-0.135 χ^2/NDF : 61236.6/6

Left In: 340.348+/-0.078 χ^2/NDF : 7252143.3/23

337.231+/-0.063 χ^2/NDF : 6740388.2/33

343.819+/-0.067 χ^2/NDF : 7321308.3/30

asym_atl1r2_dd_correction_mean vs slug



Right In: -1332.473 $\pm$ 572.379 χ^2 /NDF: 3.3/7

Left Out: -239.748 $\pm$ 87.242 χ^2 /NDF: 54.3/25

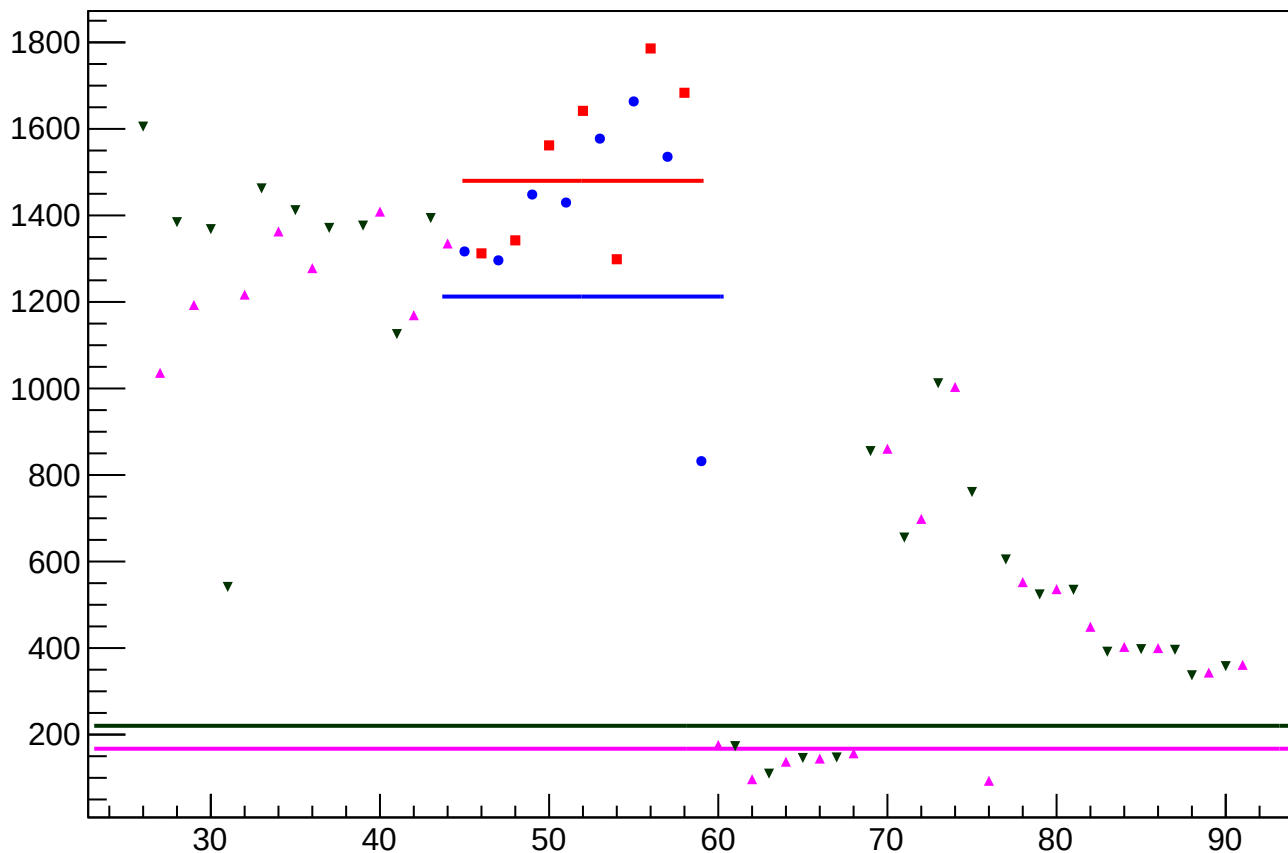
Right Out: 442.923 $\pm$ 801.243 χ^2 /NDF: 6.6/6

Left In: 15.044 $\pm$ 65.554 χ^2 /NDF: 28.0/23

-264.557 $\pm$ 86.246 χ^2 /NDF: 61.2/33

17.889 $\pm$ 65.335 χ^2 /NDF: 34.9/30

asym_atl1r2_dd_correction_rms vs slug



Right In: 1212.478 ± 0.405 χ^2/NDF : 591225.3/7

Left Out: 220.302 ± 0.062 χ^2/NDF : 12580038.4/25

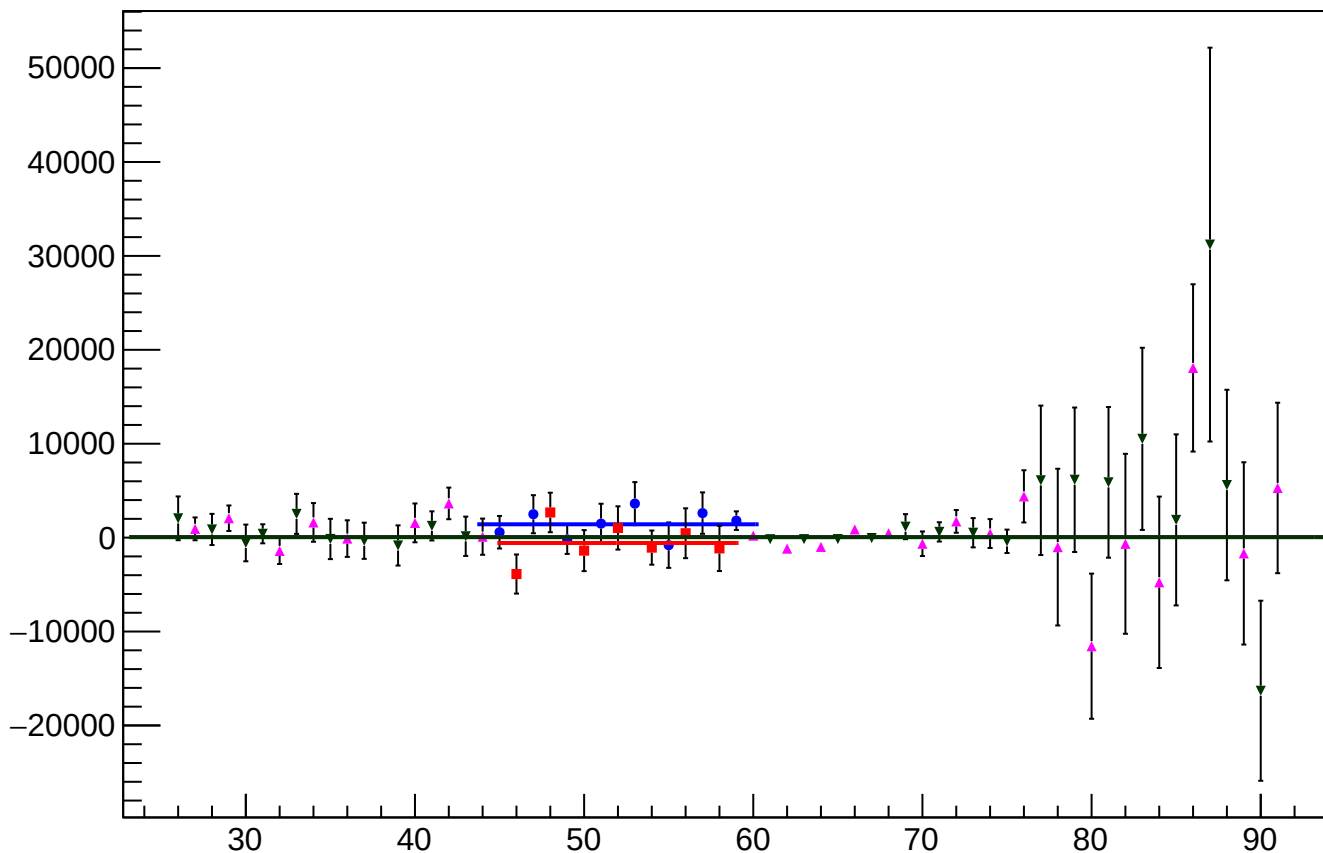
Right Out: 1480.001 ± 0.567 χ^2/NDF : 100503.2/6

Left In: 167.300 ± 0.046 χ^2/NDF : 13308976.9/23

242.828 ± 0.061 χ^2/NDF : 19044343.5/33

176.028 ± 0.046 χ^2/NDF : 18742039.6/30

asym_atl1r2_dd_mean vs slug



Right In: 1420.455+/-597.253 χ^2/NDF : 3.8/7

Left Out: 51.544+/-211.525 χ^2/NDF :13.5/25

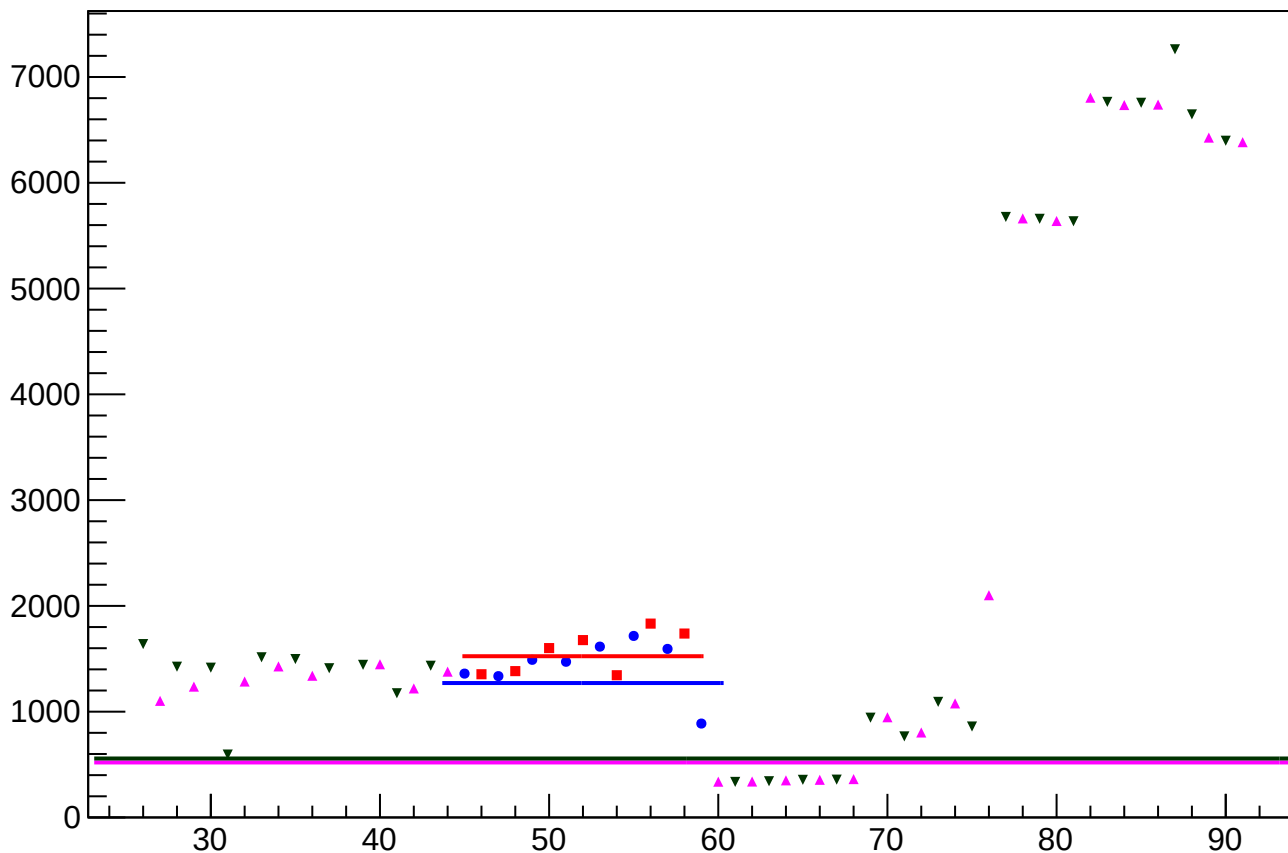
Right Out: -569.877+/-824.629 χ^2/NDF : 5.8/6

Left In: 63.622+/-193.661 χ^2/NDF :36.2/23

204.112+/-199.389 χ^2/NDF : 22.0/33

30.509+/-188.532 χ^2/NDF : 42.5/30

asym_atl1r2_dd_rms vs slug



Right In: 1270.764+/-0.422 χ^2/NDF : 520489.6/7

Left Out: 557.419+/-0.150 χ^2/NDF : 11514965.6/25

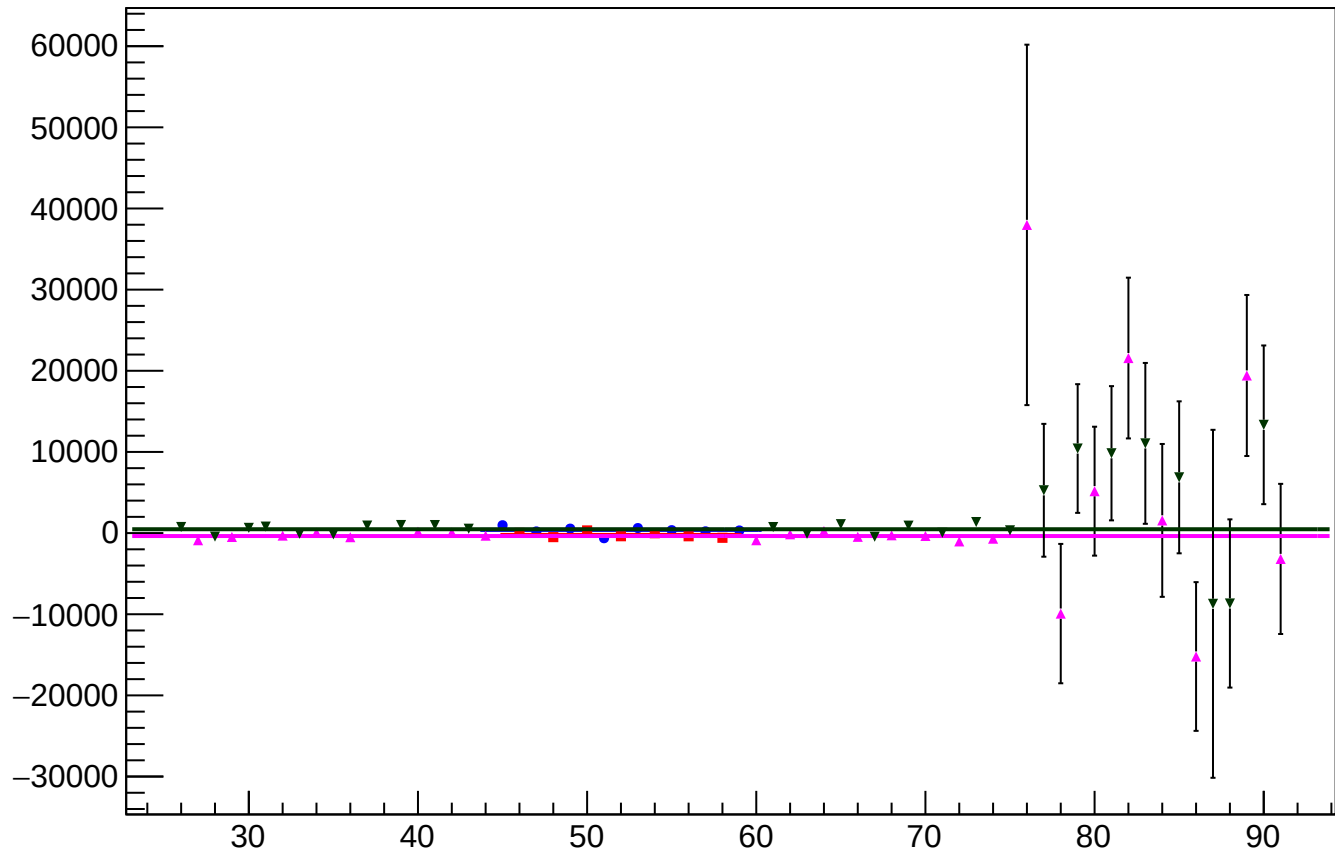
Right Out: 1524.234+/-0.583 χ^2/NDF : 95894.7/6

Left In: 519.796+/-0.137 χ^2/NDF : 11990360.7/23

636.922+/-0.141 χ^2/NDF : 14570546.6/33

572.297+/-0.133 χ^2/NDF : 14898441.2/30

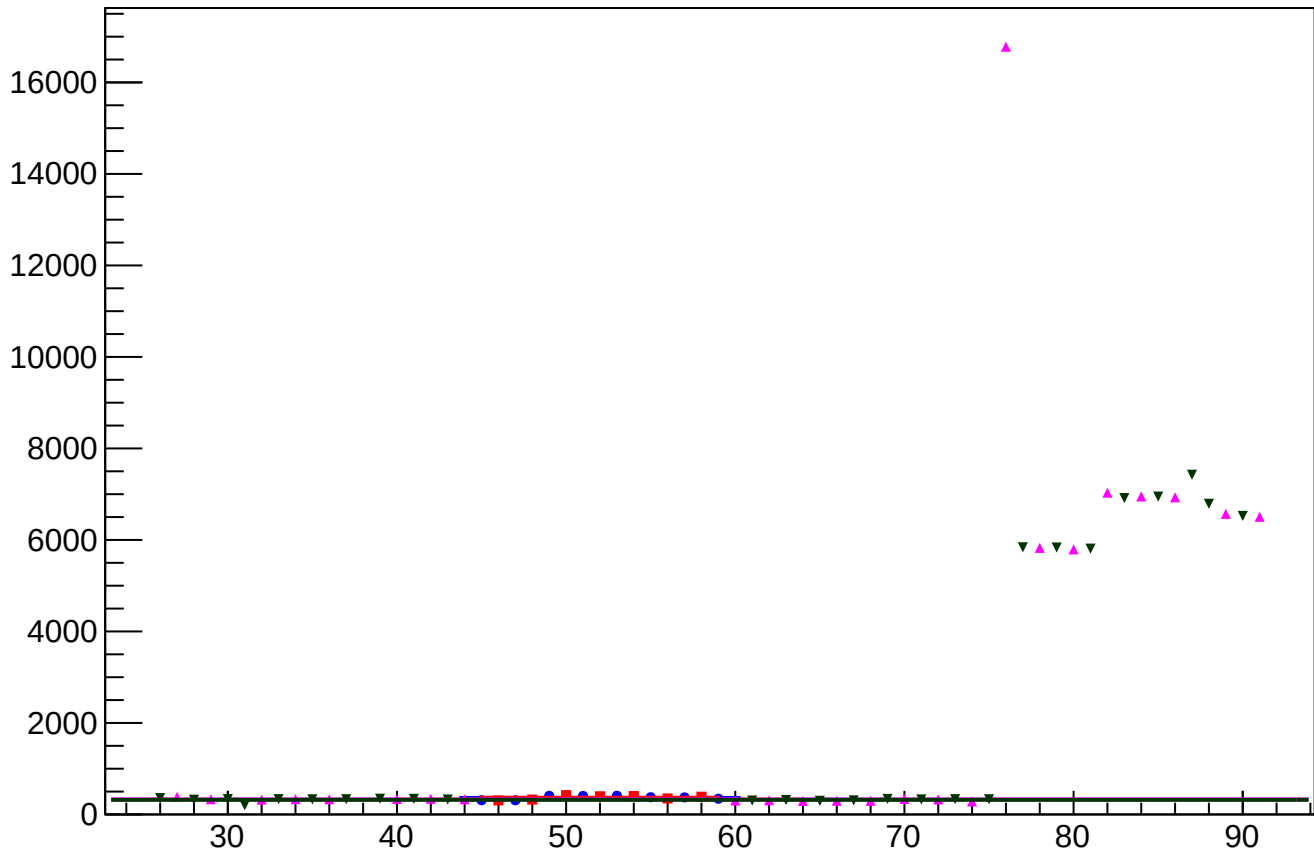
reg_asym_atr1l2_avg_mean vs slug



Right In: 393.127+/-165.089 χ^2/NDF : 5.8/7
 Left Out: 474.677+/-104.569 χ^2/NDF :35.8/25
 Right Out: -228.986+/-196.983 χ^2/NDF : 2.3/6
 Left In: -363.920+/-107.370 χ^2/NDF :27.6/23

451.327+/-88.339 χ^2/NDF : 41.8/33
 -333.014+/-94.275 χ^2/NDF : 30.3/30

reg_asym_atr1l2_avg_rms vs slug



Right In: 360.010+/-0.117 χ^2/NDF : 107419.0/7

Left Out: 320.221+/-0.074 χ^2/NDF : 6752968.9/25

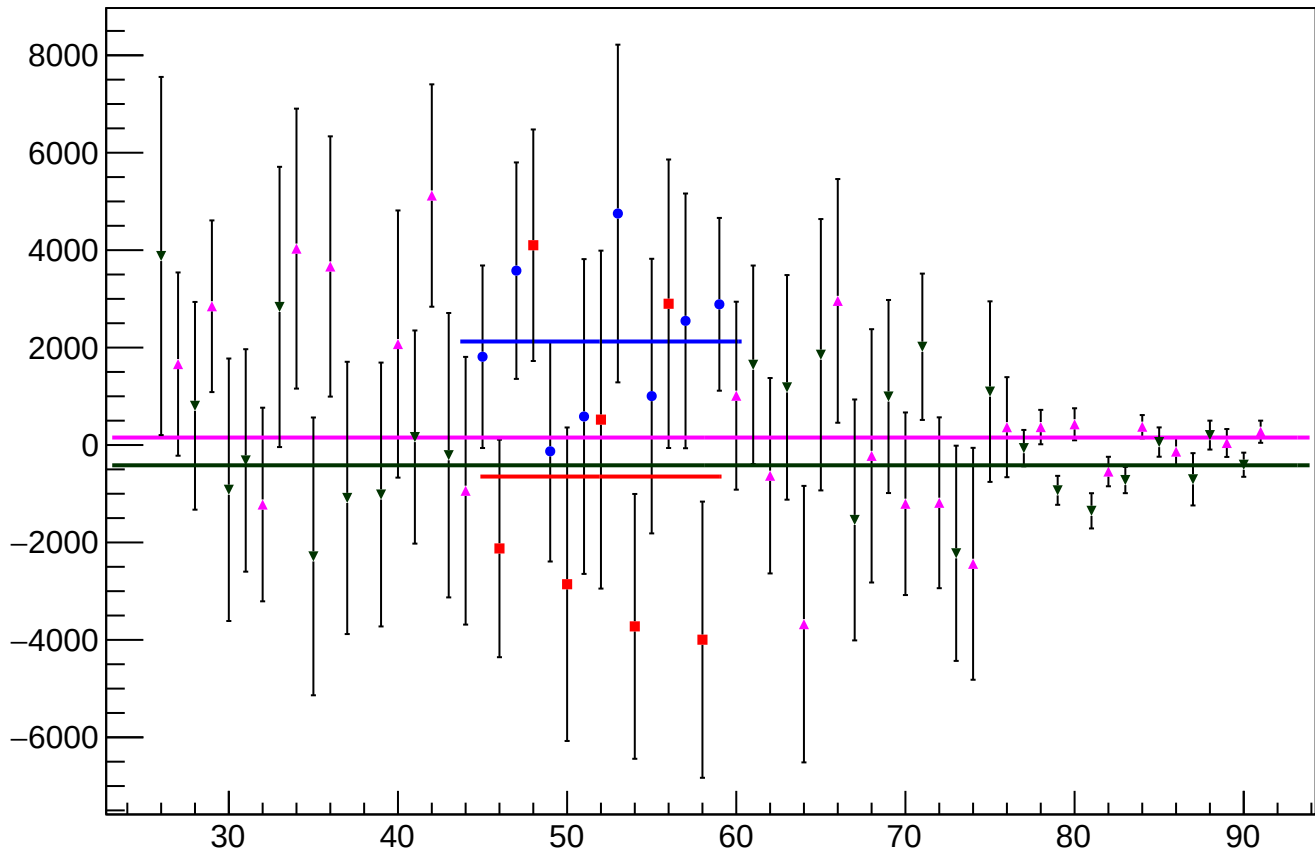
Right Out: 364.759+/-0.139 χ^2/NDF : 84430.7/6

Left In: 329.698+/-0.076 χ^2/NDF : 7598513.3/23

331.614+/-0.062 χ^2/NDF : 6943299.9/33

337.729+/-0.067 χ^2/NDF : 7731793.2/30

asym_atr1l2_avg_correction_mean vs slug



Right In: 2125.005 $\pm$ 829.868 χ^2 /NDF: 2.6/7

Left Out: -416.140 $\pm$ 108.222 χ^2 /NDF: 29.4/25

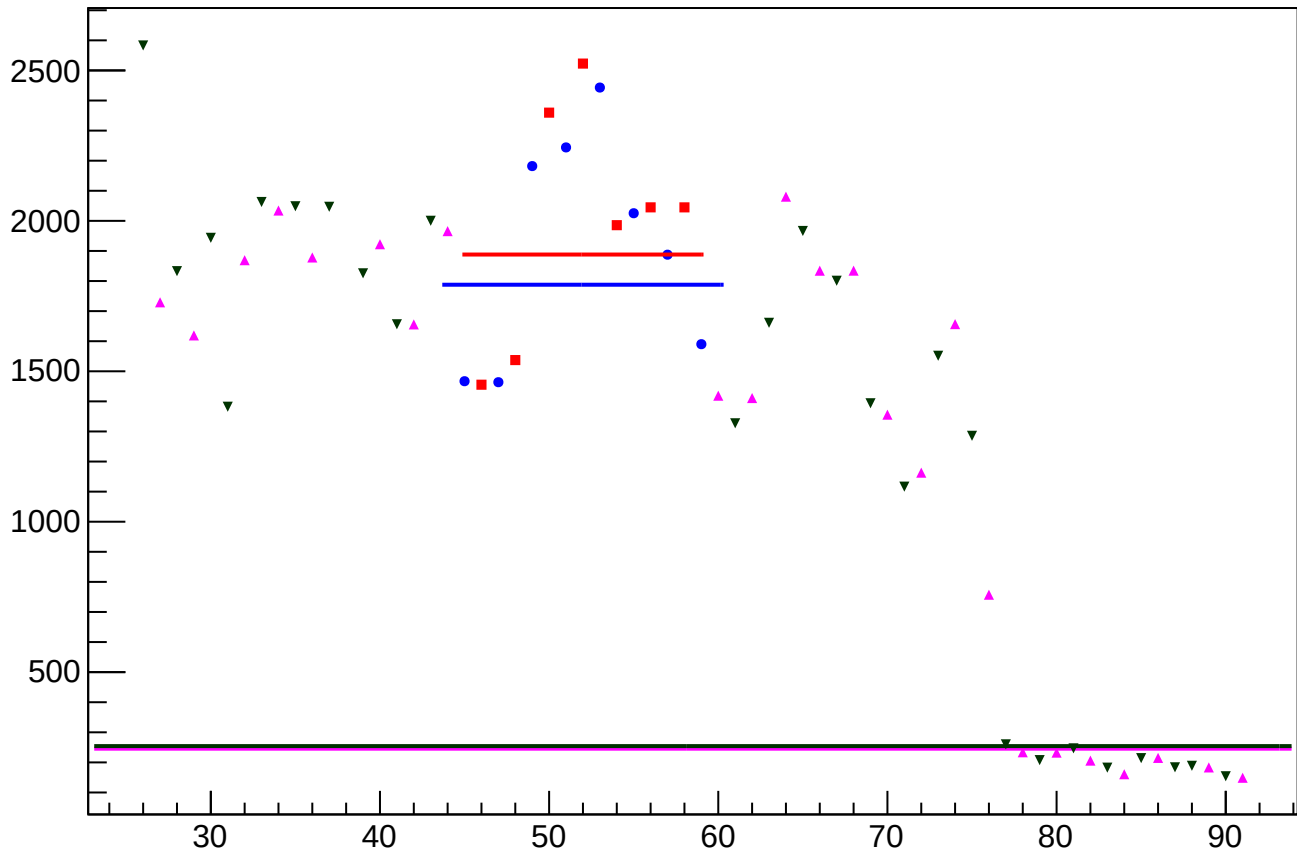
Right Out: -647.233 $\pm$ 1036.244 χ^2 /NDF: 9.1/6

Left In: 153.590 $\pm$ 103.713 χ^2 /NDF: 26.8/23

-373.646 $\pm$ 107.314 χ^2 /NDF: 41.3/33

145.648 $\pm$ 103.197 χ^2 /NDF: 36.5/30

asym_atr1l2_avg_correction_rms vs slug



Right In: 1787.726+/-0.587 χ^2/NDF : 315278.0/7

Left Out: 254.148+/-0.077 χ^2/NDF :13945101.6/25

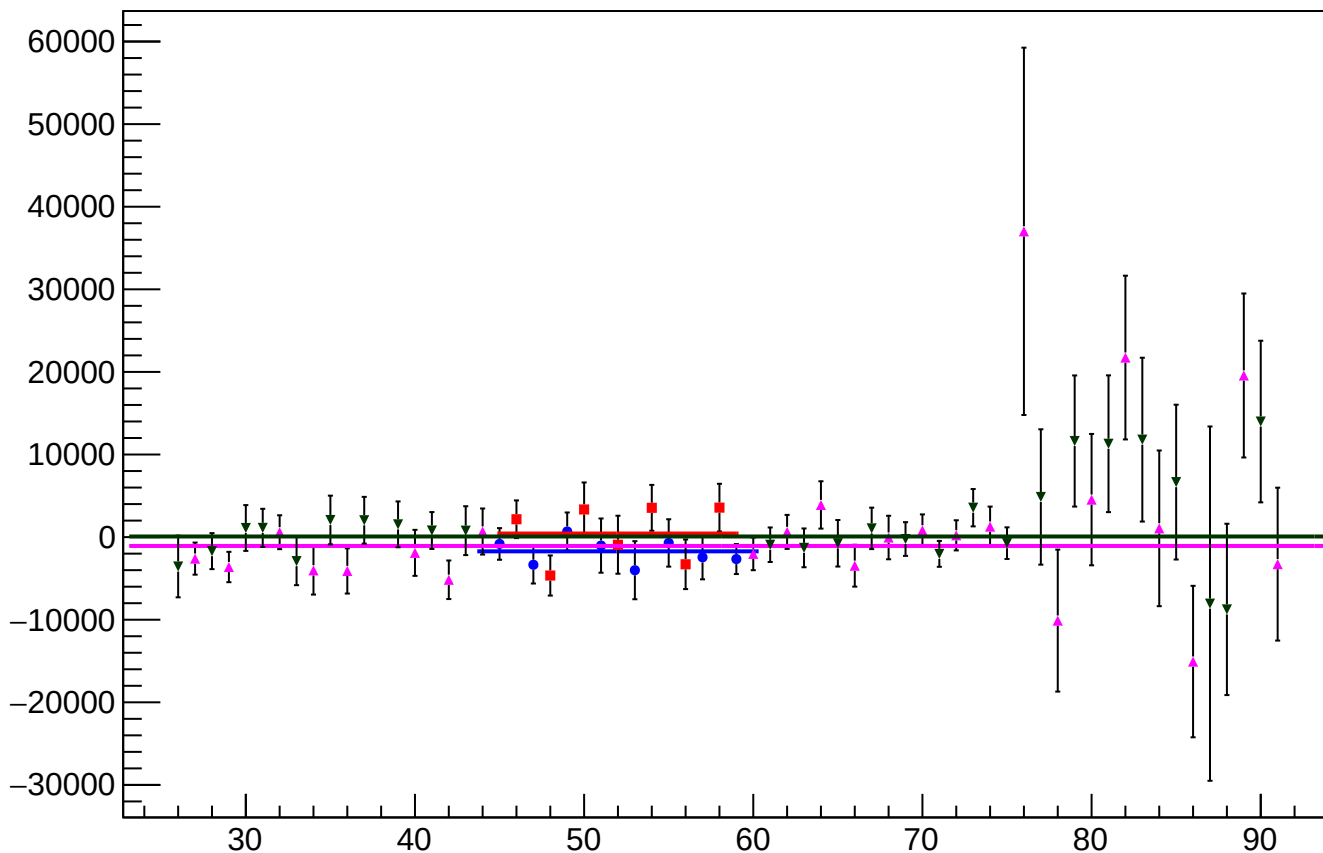
279.792+/-0.076 χ^2/NDF : 20976215.4/33

Right Out: 1888.070+/-0.733 χ^2/NDF : 242948.0/6

261.854+/-0.073 χ^2/NDF : 19854613.0/30

Left In: 245.564+/-0.073 χ^2/NDF :14636693.2/23

asym_atr1l2_avg_mean vs slug



Right In: -1720.791+/-846.985 χ^2/NDF : 2.7/7

Left Out: 76.052+/-550.308 χ^2/NDF :18.6/25

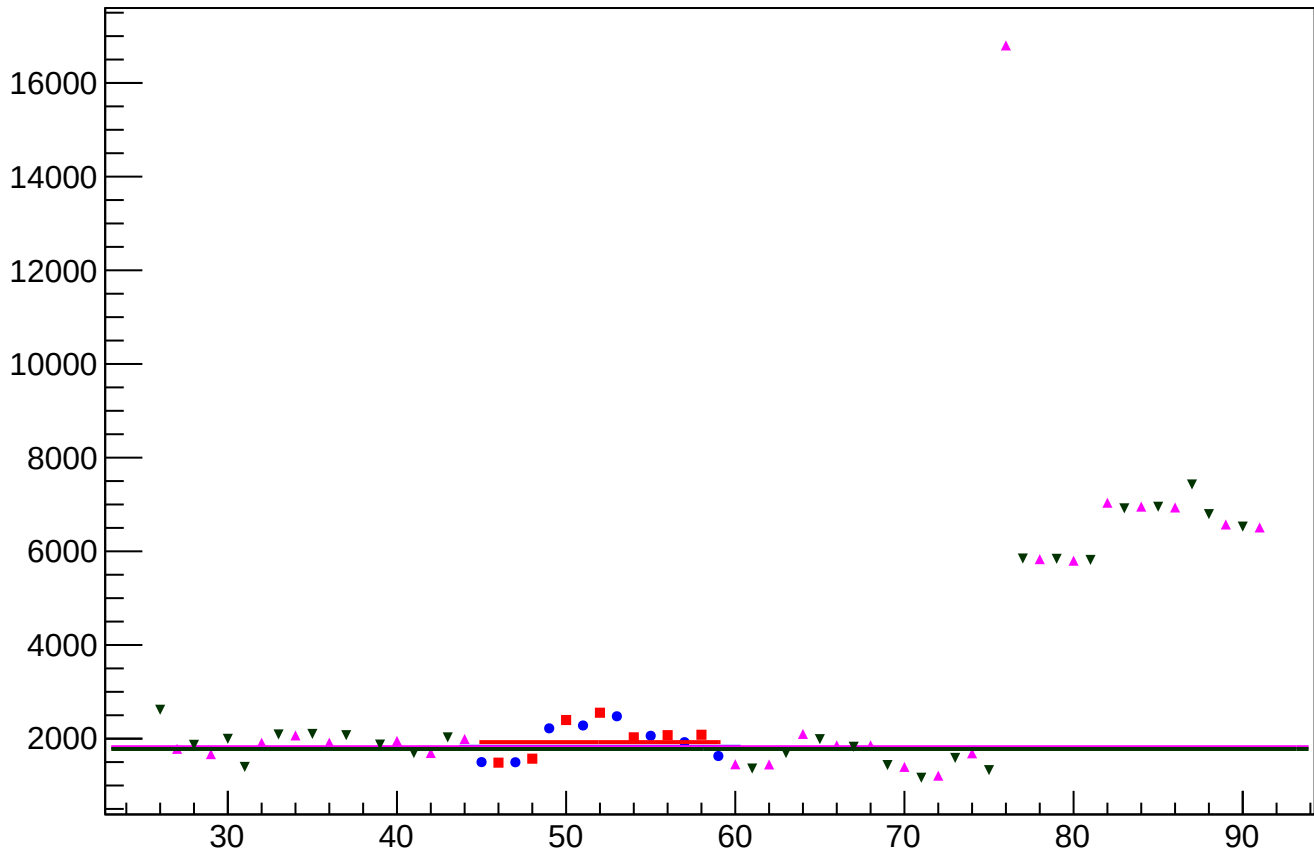
Right Out: 435.391+/-1056.077 χ^2/NDF : 9.9/6

Left In: -1070.276+/-556.578 χ^2/NDF :32.9/23

-457.317+/-461.460 χ^2/NDF : 24.6/33

-742.979+/-492.382 χ^2/NDF : 44.4/30

asym_atr1l2_avg_rms vs slug



Right In: 1825.860+/-0.599 χ^2/NDF : 305729.8/7

Left Out: 1780.008+/-0.389 χ^2/NDF : 4556986.1/25

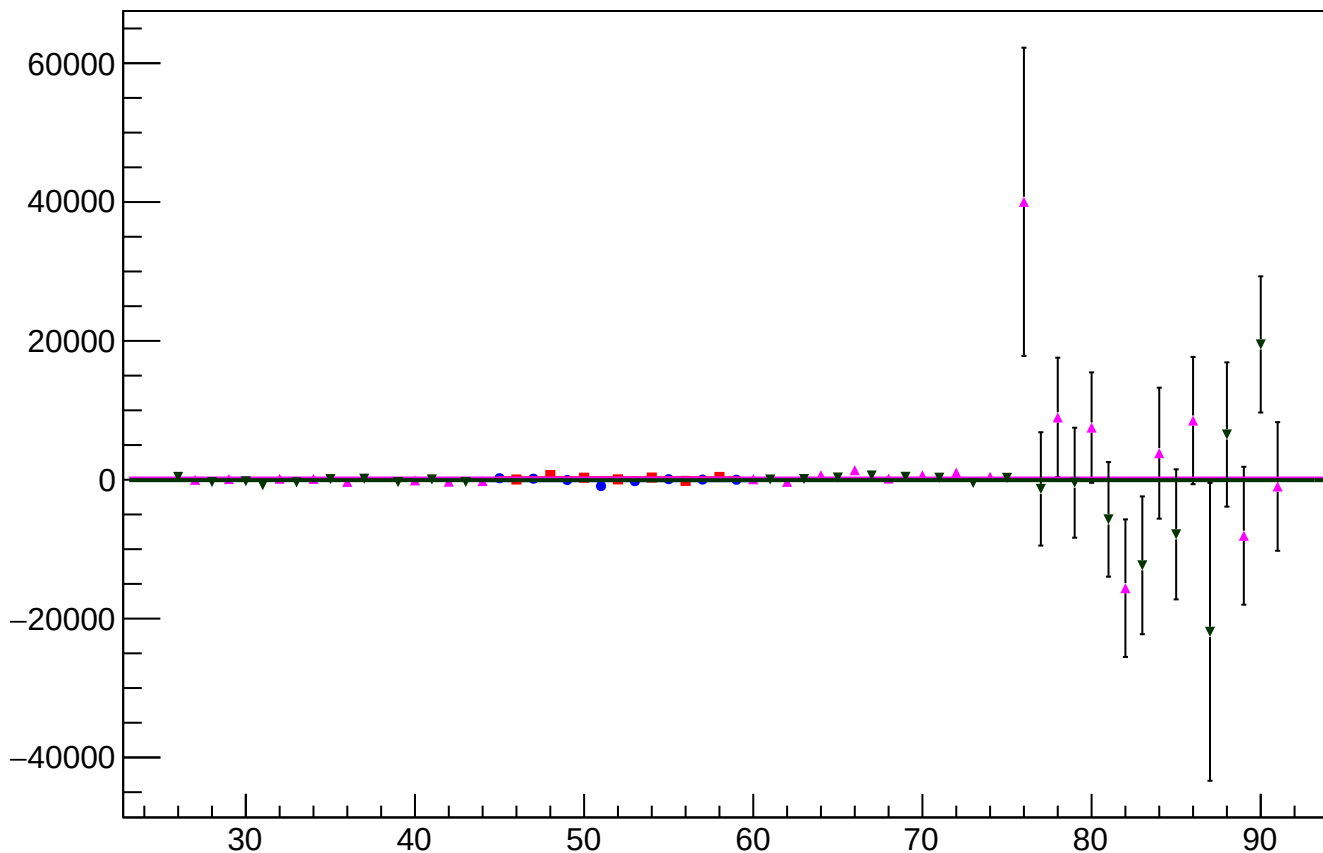
Right Out: 1925.851+/-0.747 χ^2/NDF : 235248.1/6

Left In: 1818.419+/-0.394 χ^2/NDF : 5119435.5/23

1793.619+/-0.326 χ^2/NDF : 4866837.3/33

1841.772+/-0.348 χ^2/NDF : 5370881.4/30

reg_asym_atr1l2_dd_mean vs slug



Right In: -53.211+/-130.811 χ^2/NDF : 5.1/7

Left Out: -59.077+/-97.355 χ^2/NDF : 23.3/25

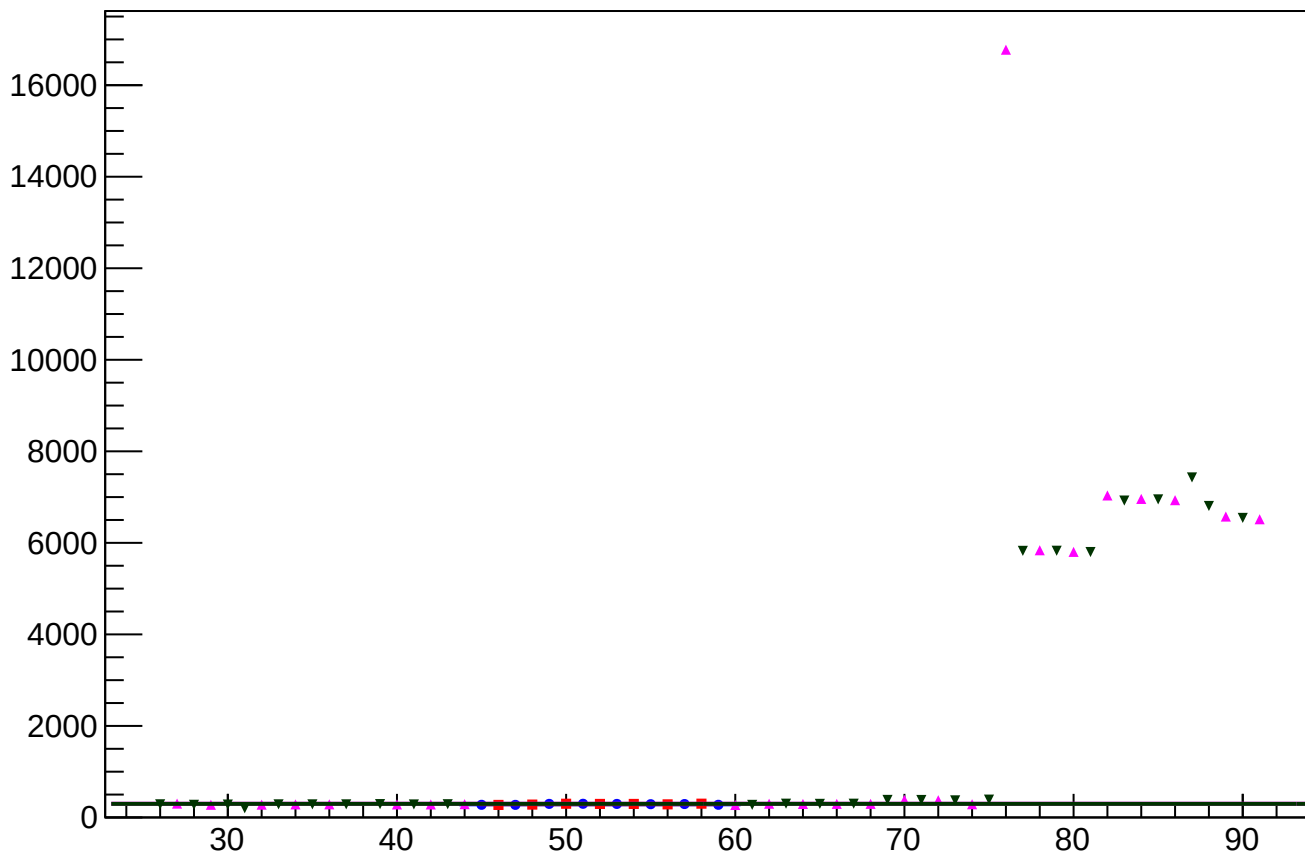
Right Out: 228.590+/-155.798 χ^2/NDF : 2.7/6

Left In: 181.098+/-97.725 χ^2/NDF : 28.8/23

-56.986+/-78.099 χ^2/NDF : 28.4/33

194.508+/-82.786 χ^2/NDF : 31.5/30

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.057+/-0.092 χ^2/NDF : 10574.0/7

Left Out: 297.377+/-0.069 χ^2/NDF : 6896249.3/25

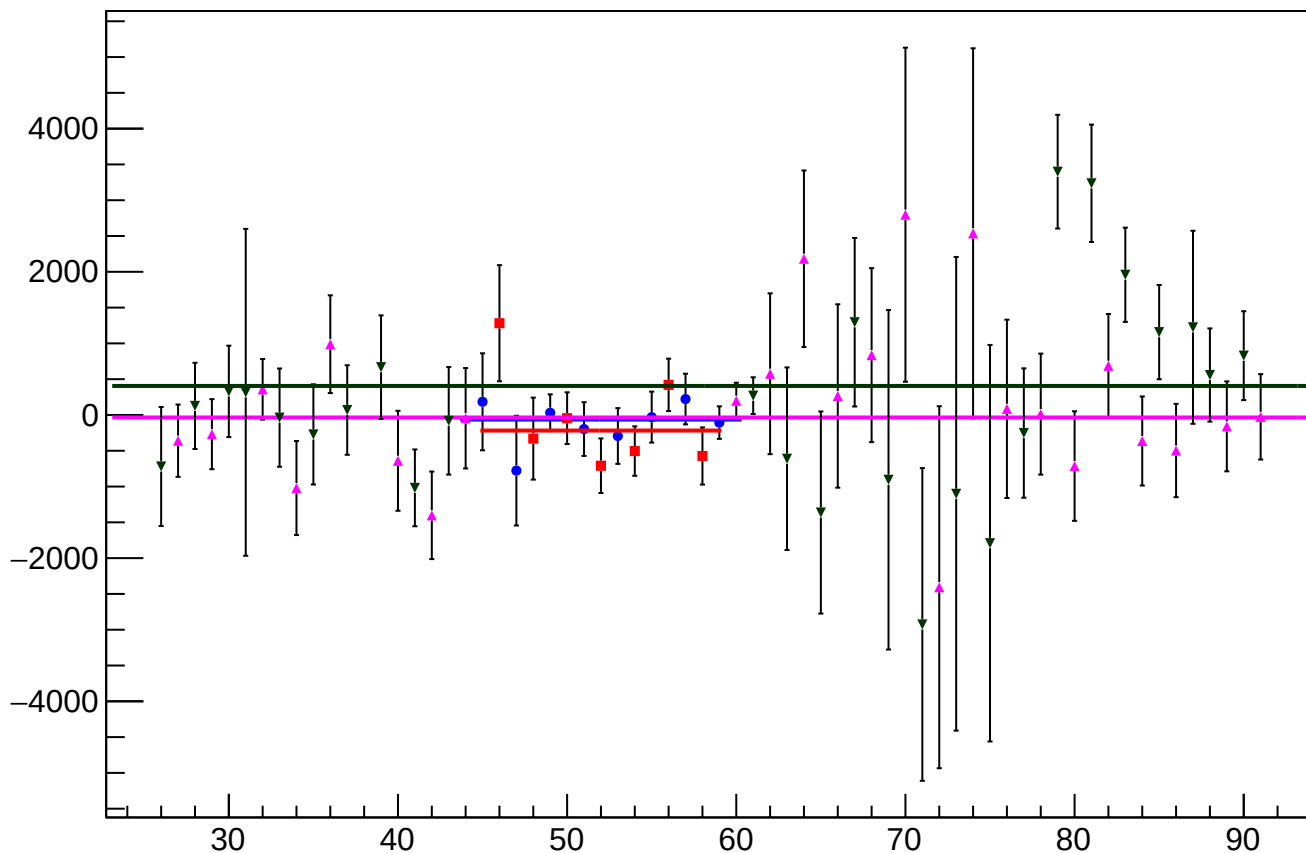
Right Out: 290.711+/-0.110 χ^2/NDF : 7134.9/6

Left In: 299.265+/-0.069 χ^2/NDF : 7686257.8/23

293.698+/-0.055 χ^2/NDF : 6914833.7/33

296.850+/-0.059 χ^2/NDF : 7697719.6/30

asym_atr1l2_dd_correction_mean vs slug



Right In: -63.687 ± 121.276 $\chi^2/\text{NDF}: 2.3/7$

Left Out: 405.538 ± 137.654 $\chi^2/\text{NDF}: 52.2/25$

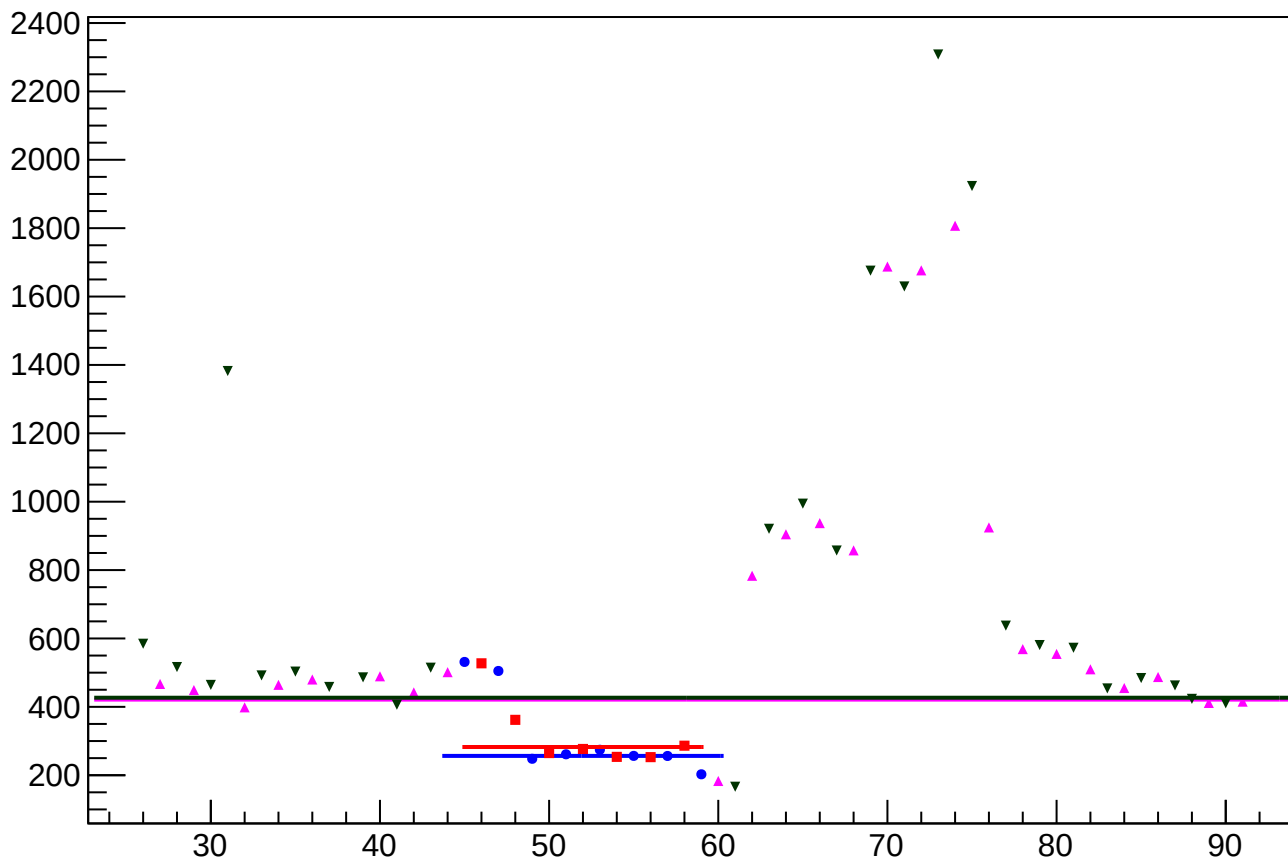
Right Out: -217.611 ± 155.724 $\chi^2/\text{NDF}: 9.9/6$

Left In: -35.101 ± 129.337 $\chi^2/\text{NDF}: 22.7/23$

141.364 ± 90.998 $\chi^2/\text{NDF}: 61.1/33$

-109.605 ± 99.495 $\chi^2/\text{NDF}: 33.3/30$

asym_atr1l2_dd_correction_rms vs slug



Right In: 256.531+/-0.086 χ^2/NDF : 658260.2/7

Left Out: 426.671+/-0.097 χ^2/NDF : 6173957.9/25

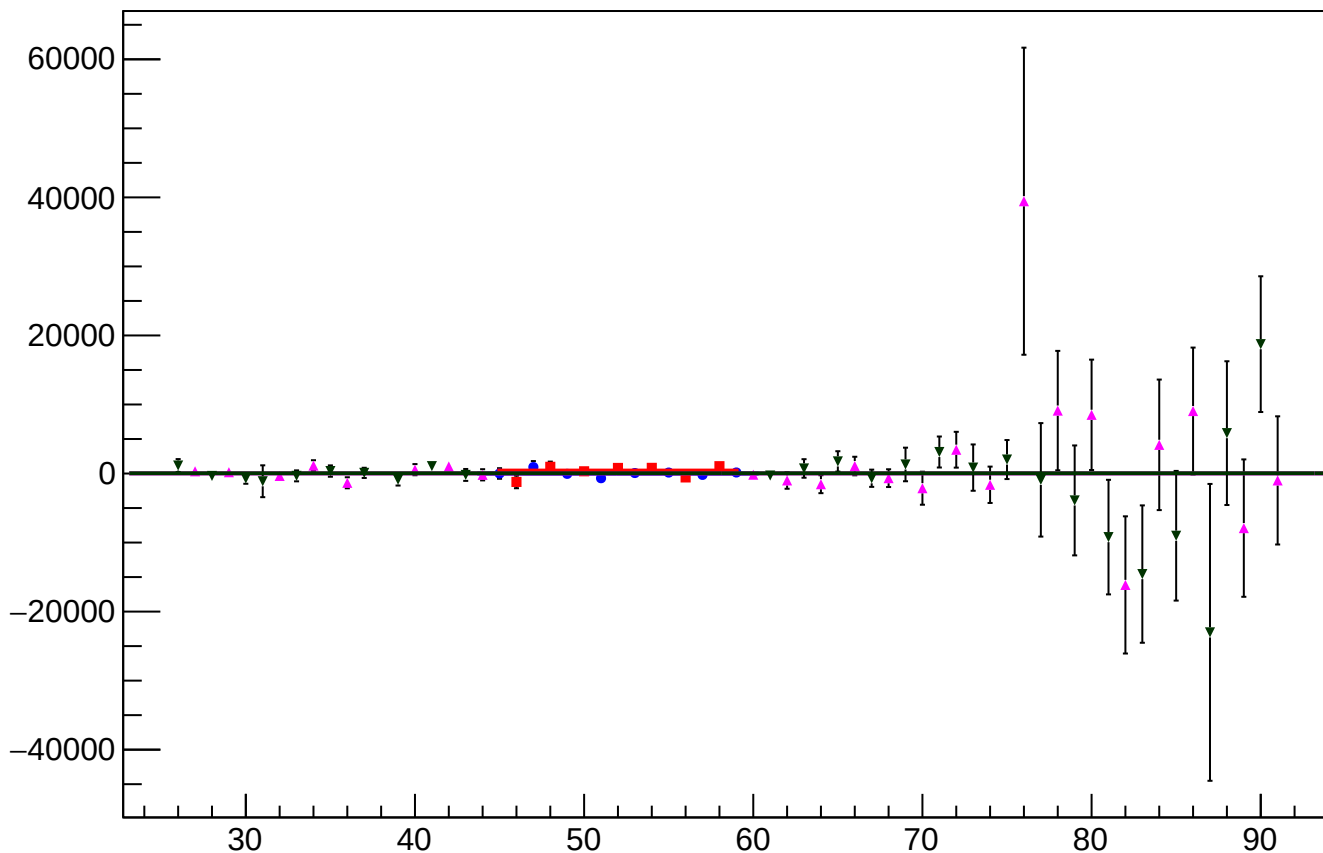
Right Out: 282.557+/-0.110 χ^2/NDF : 253192.8/6

Left In: 421.173+/-0.091 χ^2/NDF : 5140369.9/23

330.882+/-0.064 χ^2/NDF : 8552391.9/33

364.588+/-0.070 χ^2/NDF : 6331351.0/30

asym_atr1l2_dd_mean vs slug



Right In: -4.086+/-185.506 χ^2/NDF : 2.9/7

Left Out: 36.403+/-215.579 χ^2/NDF :21.9/25

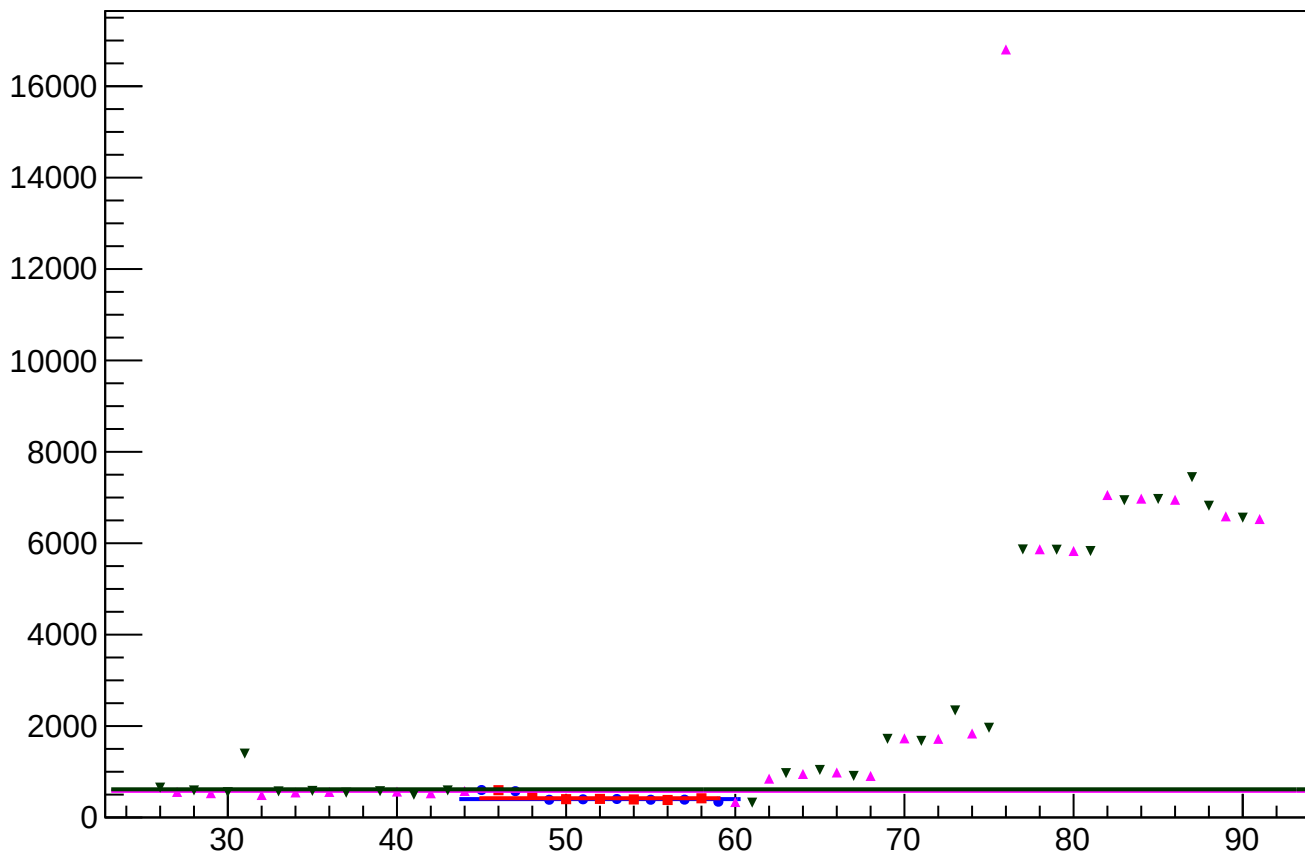
Right Out: 422.138+/-227.729 χ^2/NDF : 9.2/6

Left In: 15.076+/-199.688 χ^2/NDF :24.2/23

13.139+/-140.613 χ^2/NDF : 24.9/33

192.016+/-150.142 χ^2/NDF : 35.2/30

asym_atr1l2_dd_rms vs slug



Right In: 401.581+/-0.131 χ^2/NDF : 263068.6/7

Left Out: 616.142+/-0.152 χ^2/NDF : 9140972.2/25

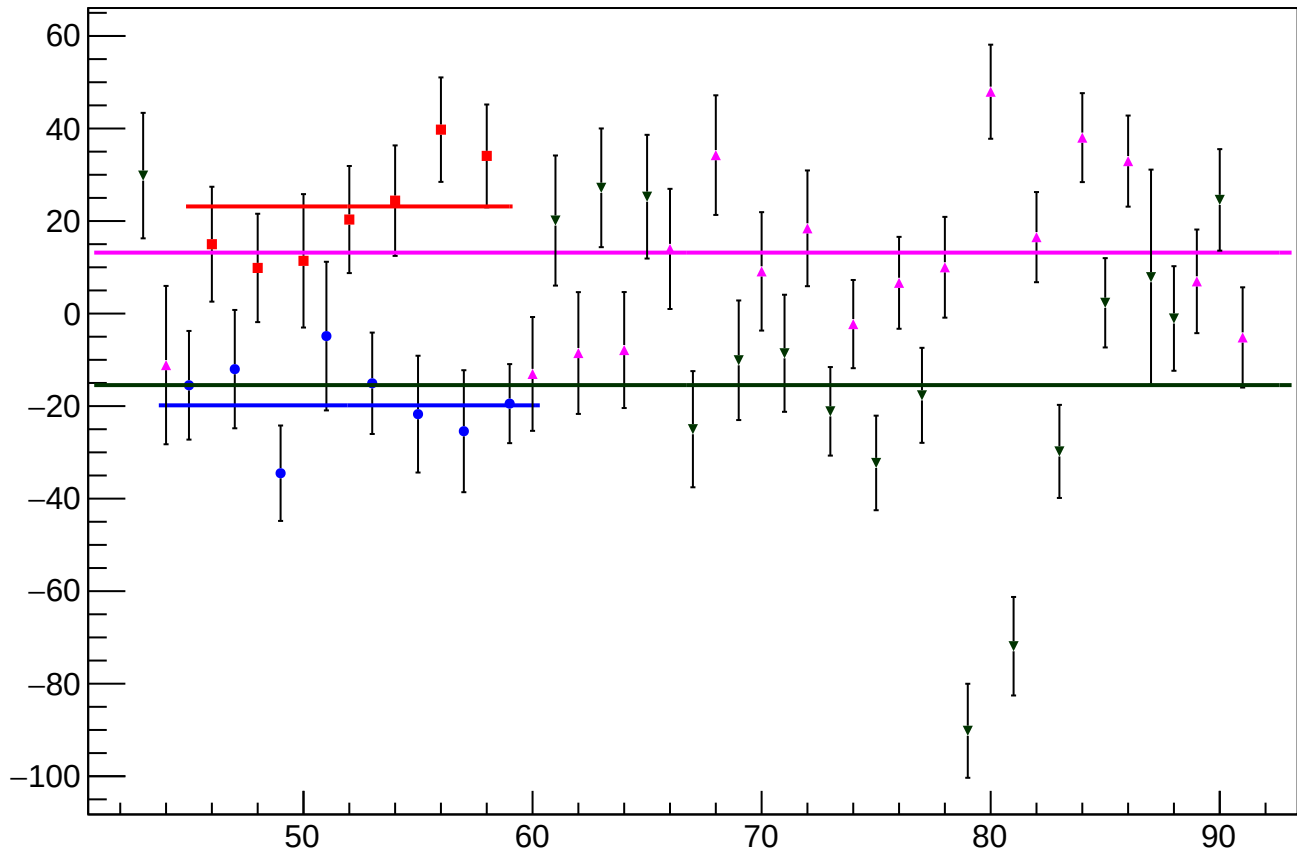
Right Out: 420.555+/-0.161 χ^2/NDF : 110693.3/6

Left In: 581.392+/-0.141 χ^2/NDF : 9480856.0/23

492.864+/-0.099 χ^2/NDF : 10542330.7/33

511.480+/-0.106 χ^2/NDF : 10155531.4/30

diff_bpm0l01X_mean vs slug



Right In: -19.836 ± 4.059 $\chi^2/\text{NDF}: 3.8/7$

Left Out: -15.461 ± 2.797 $\chi^2/\text{NDF}: 145.6/16$

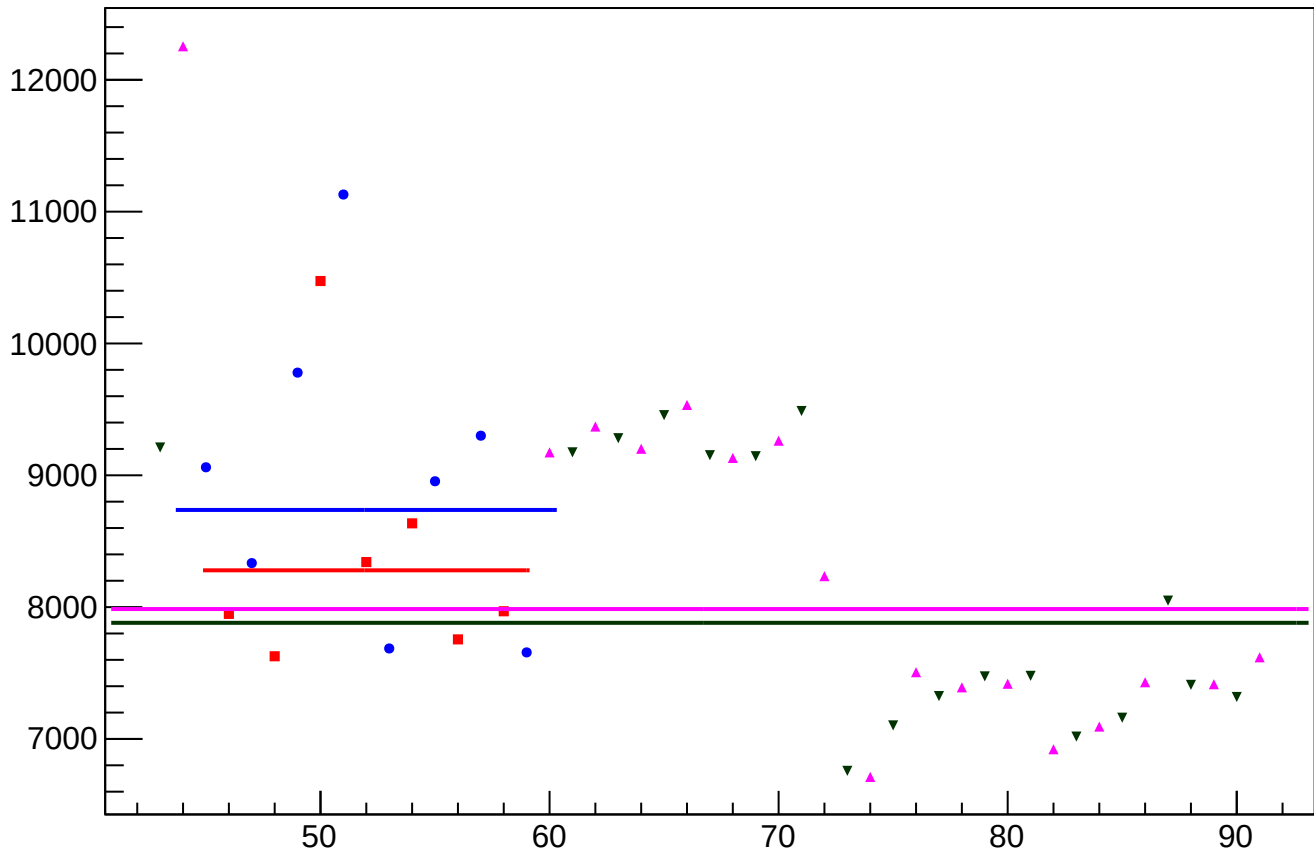
Right Out: 23.154 ± 4.517 $\chi^2/\text{NDF}: 5.6/6$

Left In: 13.174 ± 2.732 $\chi^2/\text{NDF}: 43.9/16$

-16.870 ± 2.303 $\chi^2/\text{NDF}: 150.1/24$

15.847 ± 2.338 $\chi^2/\text{NDF}: 53.0/23$

diff_bpm0l01X_rms vs slug



Right In: 8737.182+/-2.870 χ^2/NDF : 122932.9/7

Left Out: 7880.922+/-1.978 χ^2/NDF : 245358.9/16

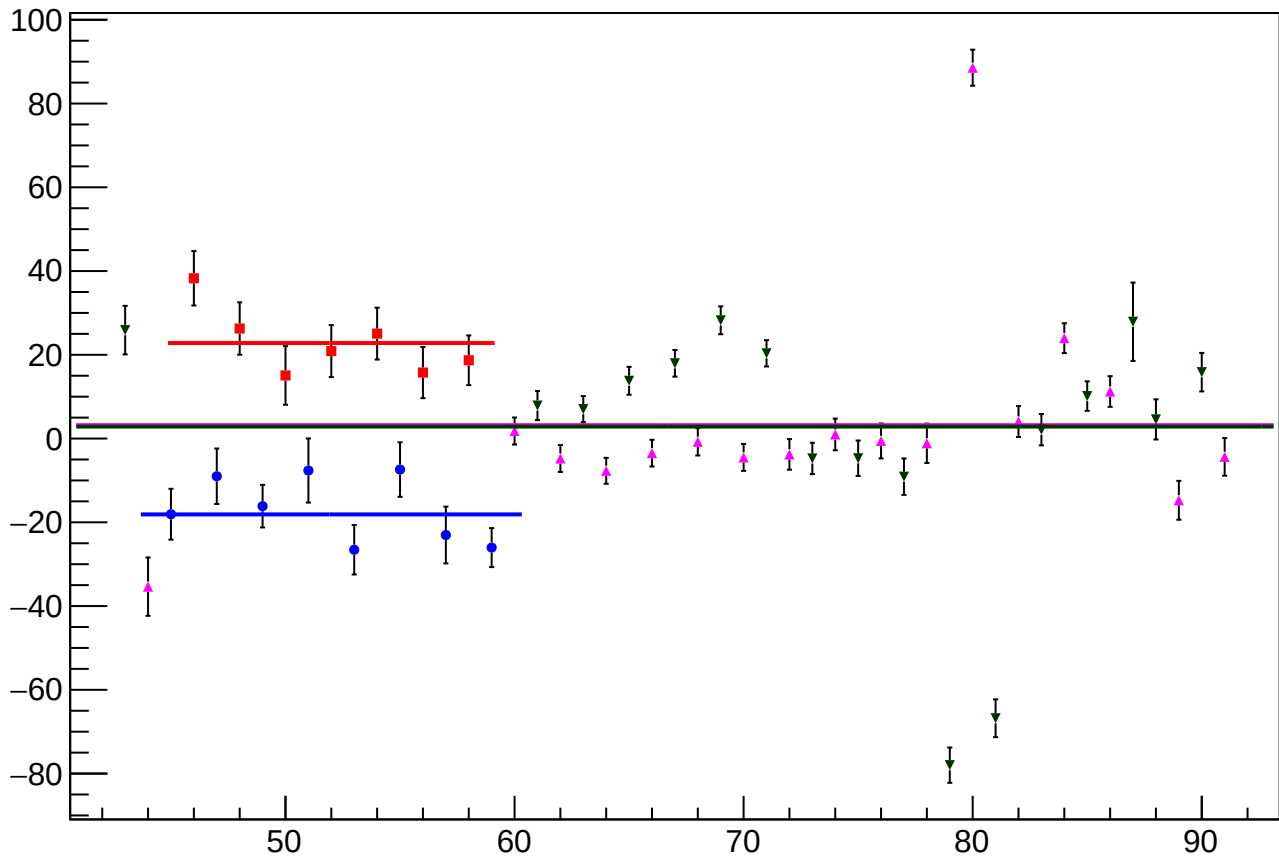
Right Out: 8279.164+/-3.194 χ^2/NDF : 61666.6/6

Left In: 7985.416+/-1.932 χ^2/NDF : 356321.2/16

8156.635+/-1.629 χ^2/NDF : 428644.7/24

8064.100+/-1.653 χ^2/NDF : 424180.6/23

diff_bpm0l01Y_mean vs slug



Right In: -18.112 ± 2.104 χ^2/NDF : 12.1/7

Left Out: 2.866 ± 0.938 χ^2/NDF : 783.8/16

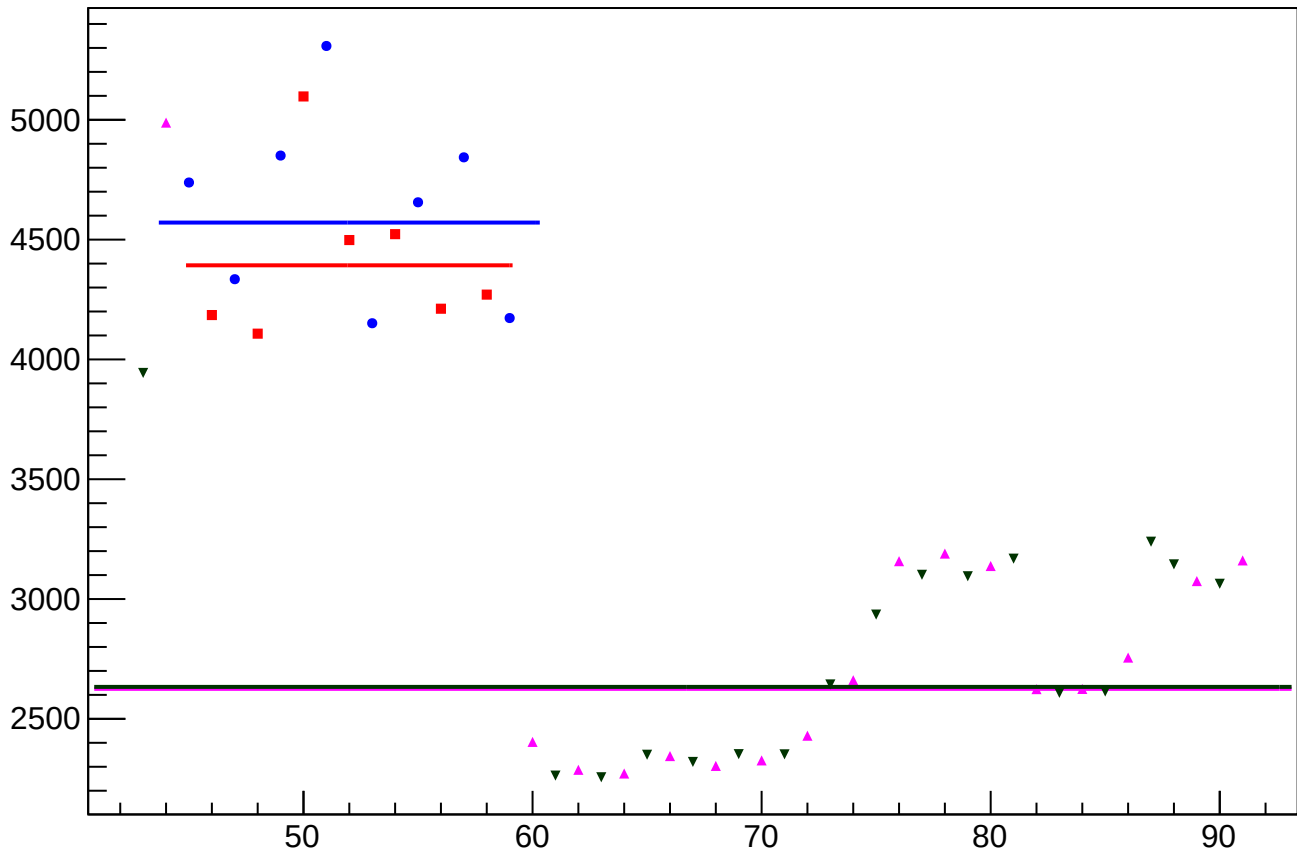
Right Out: 22.812 ± 2.378 χ^2/NDF : 9.2/6

Left In: 3.207 ± 0.901 χ^2/NDF : 517.0/16

-0.613 ± 0.857 χ^2/NDF : 878.8/24

5.671 ± 0.843 χ^2/NDF : 585.7/23

diff_bpm0l01Y_rms vs slug



Right In: 4571.162+/-1.488 χ^2/NDF : 57029.7/7

Left Out: 2633.337+/-0.663 χ^2/NDF : 352739.9/16

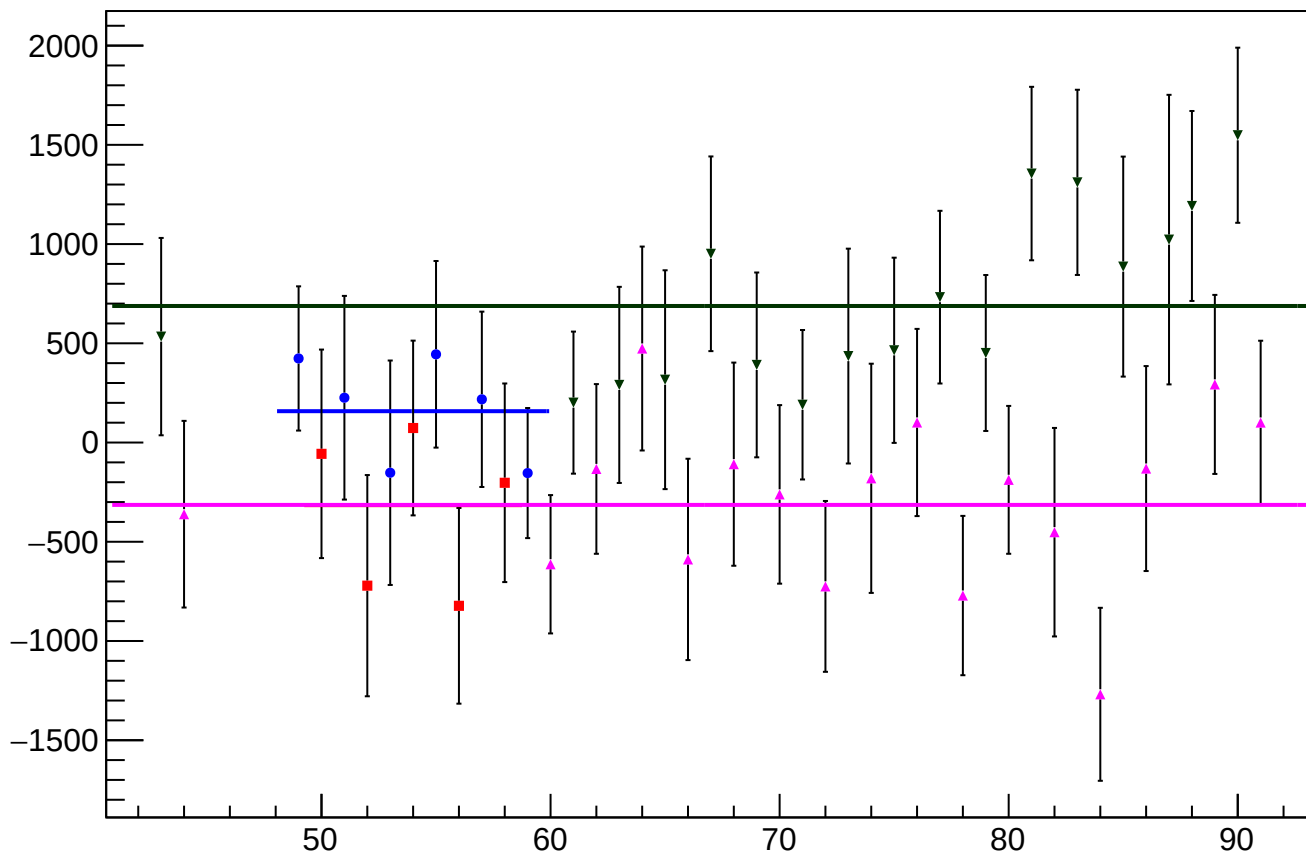
Right Out: 4392.756+/-1.681 χ^2/NDF : 30562.9/6

Left In: 2625.125+/-0.637 χ^2/NDF : 485184.3/16

2954.686+/-0.606 χ^2/NDF : 1825219.9/24

2847.301+/-0.596 χ^2/NDF : 1482285.4/23

asym_ds_agg_av_mean vs slug



Right In: 157.963+/-172.889 χ^2/NDF : 2.1/5

Left Out: 688.047+/-112.302 χ^2/NDF :15.7/16

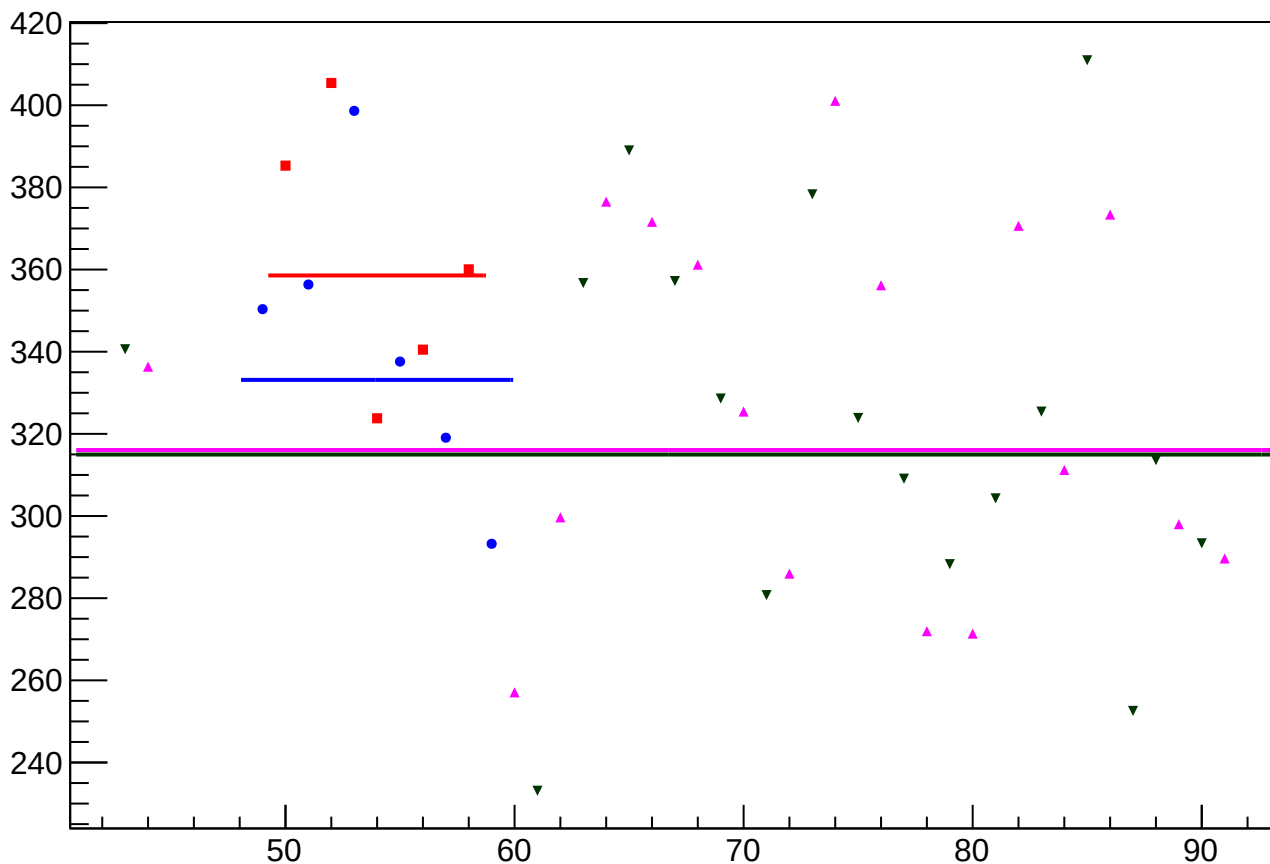
Right Out: -315.489+/-223.000 χ^2/NDF : 2.7/4

Left In: -314.283+/-108.850 χ^2/NDF :14.7/16

530.755+/-94.178 χ^2/NDF : 24.4/22

-314.515+/-97.819 χ^2/NDF : 17.4/21

asym_ds_agg_av_rms vs slug



Right In: 333.141+/-0.122 χ^2/NDF : 67259.9/5

Left Out: 314.966+/-0.079 χ^2/NDF : 312610.6/16

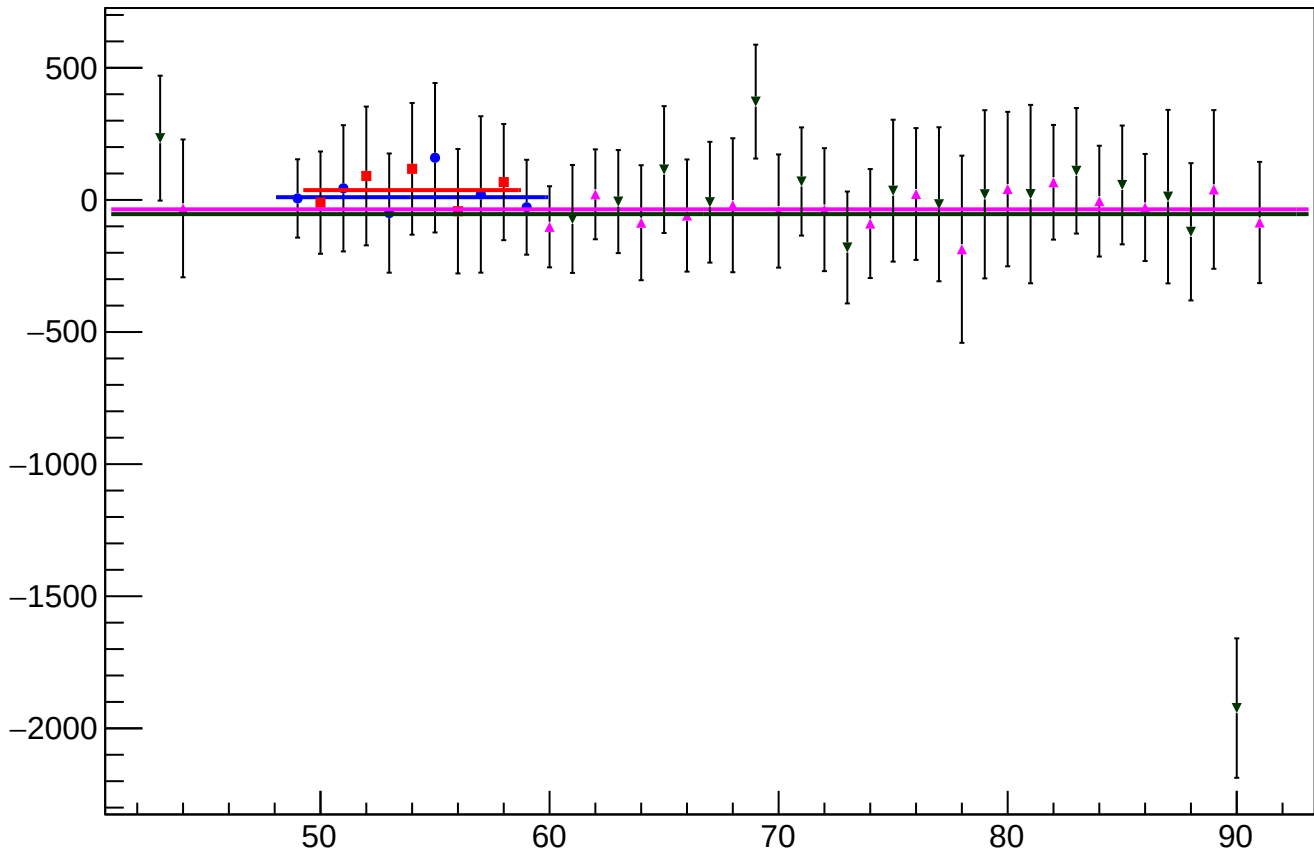
Right Out: 358.560+/-0.158 χ^2/NDF : 34493.6/4

Left In: 316.072+/-0.077 χ^2/NDF : 310437.4/16

320.359+/-0.067 χ^2/NDF : 395413.7/22

324.247+/-0.069 χ^2/NDF : 403563.5/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 10.312 $\pm$ 85.252 χ^2 /NDF: 0.4/5

Left Out: -53.799 $\pm$ 58.463 χ^2 /NDF:58.0/16

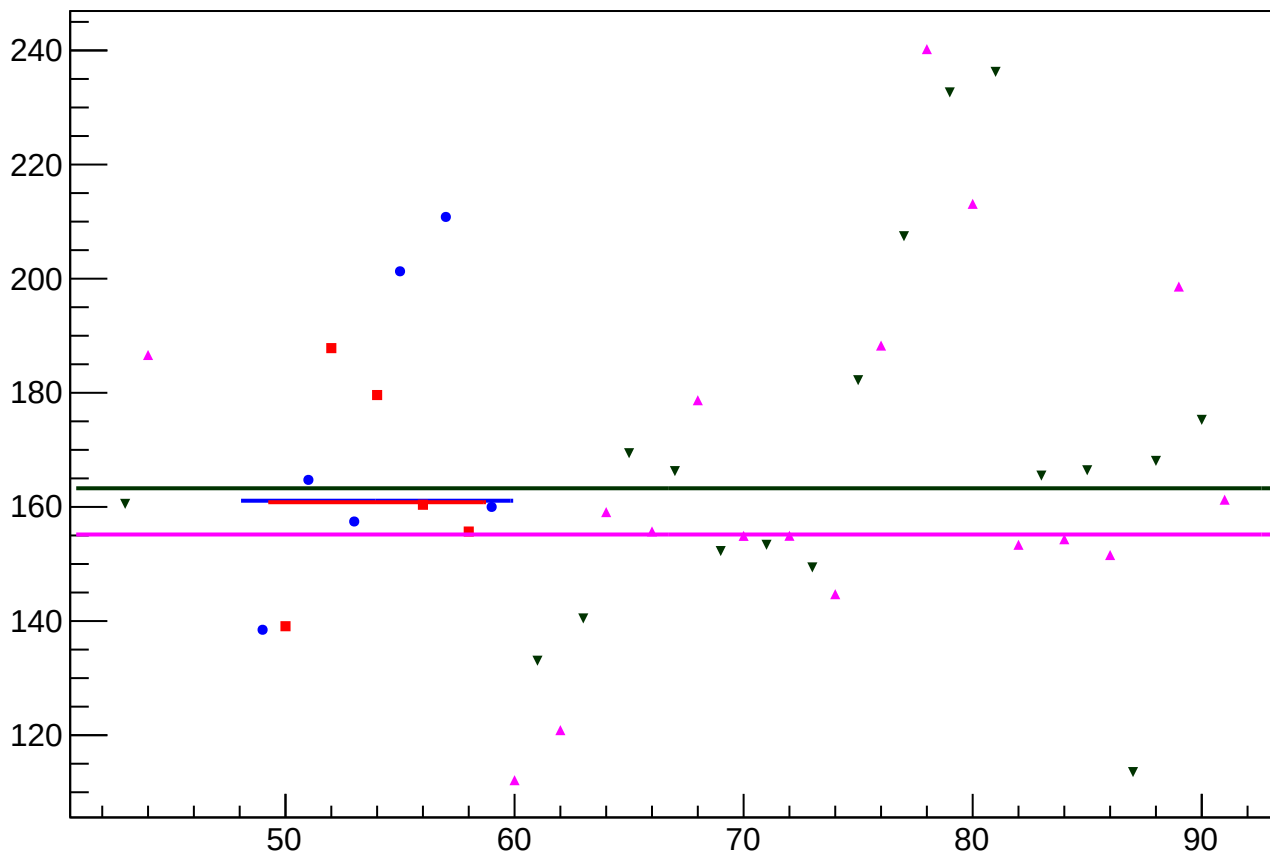
Right Out: 37.113 $\pm$ 102.068 χ^2 /NDF: 0.3/4

Left In: -35.645 $\pm$ 53.571 χ^2 /NDF:1.1/16

-33.293 $\pm$ 48.215 χ^2 /NDF: 58.8/22

-19.931 $\pm$ 47.434 χ^2 /NDF: 1.8/21

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: 163.269+/-0.041 χ^2/NDF : 387062.3/16

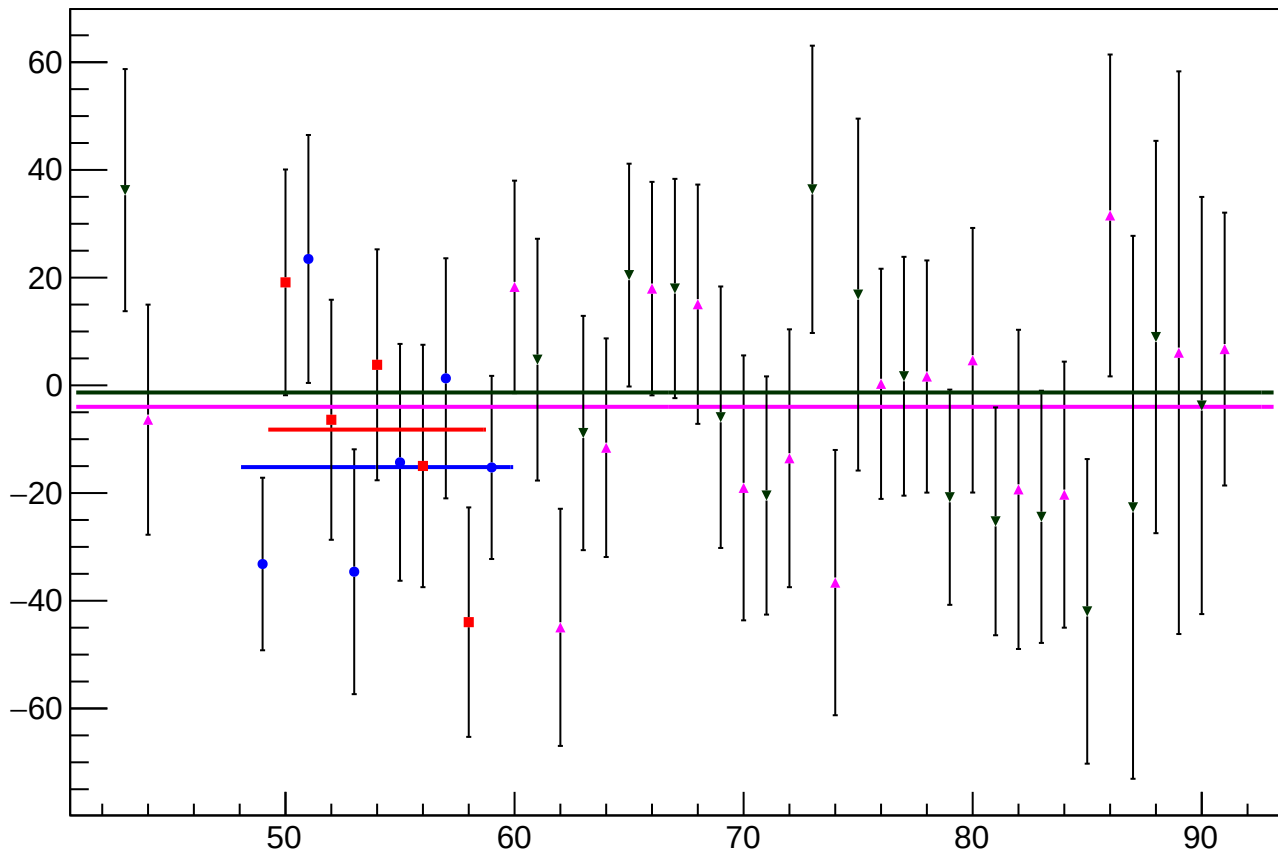
Right Out: 160.825+/-0.072 χ^2/NDF : 58807.1/4

Left In: 155.169+/-0.038 χ^2/NDF : 563894.1/16

162.571+/-0.034 χ^2/NDF : 532421.8/22

156.391+/-0.034 χ^2/NDF : 627516.6/21

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: -1.326 $\pm$ 5.916 χ^2 /NDF:13.6/16

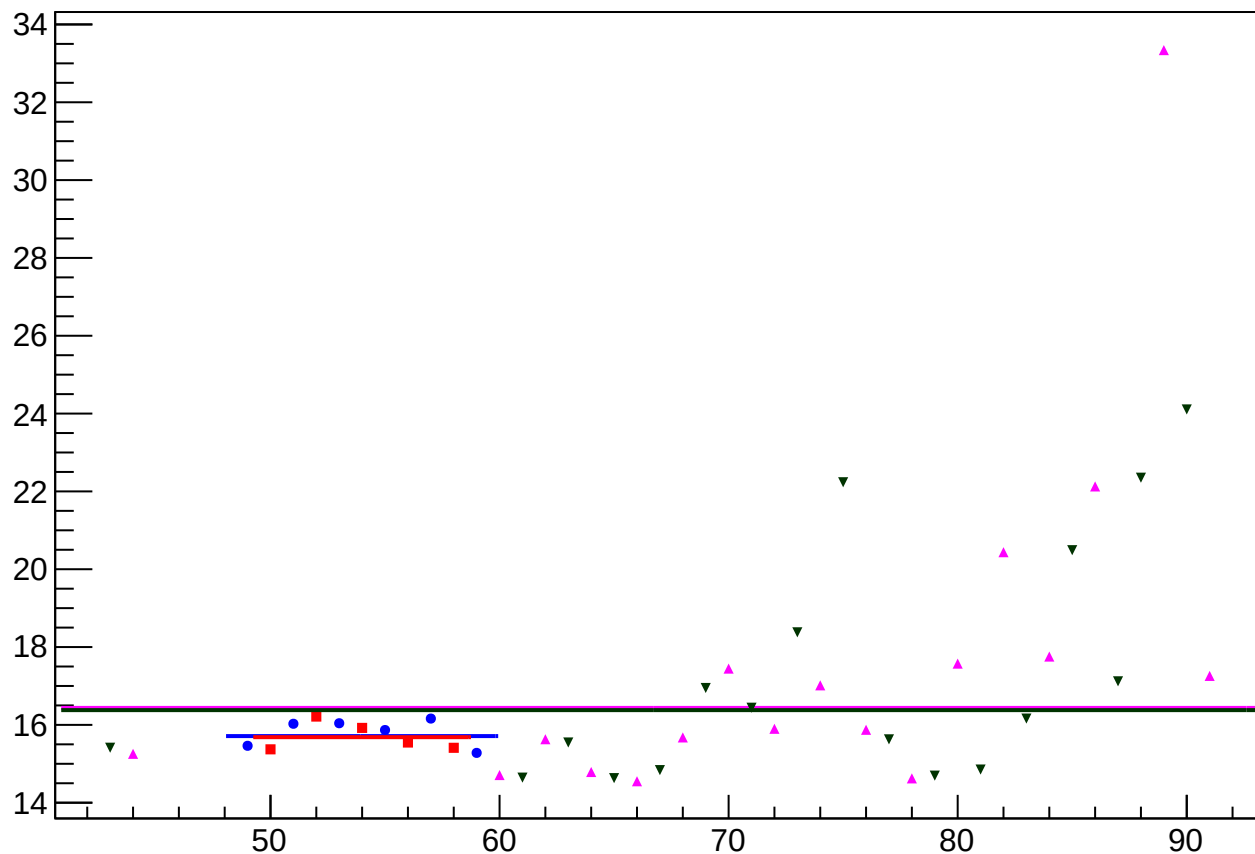
Right Out: -8.220 $\pm$ 9.694 χ^2 /NDF: 4.9/4

Left In: -3.988 $\pm$ 5.708 χ^2 /NDF:11.7/16

-6.150 $\pm$ 4.777 χ^2 /NDF: 20.9/22

-5.078 $\pm$ 4.919 χ^2 /NDF: 16.8/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.712+/-0.006 χ^2/NDF : 3489.1/5

Left Out: 16.379+/-0.004 χ^2/NDF :324025.0/16

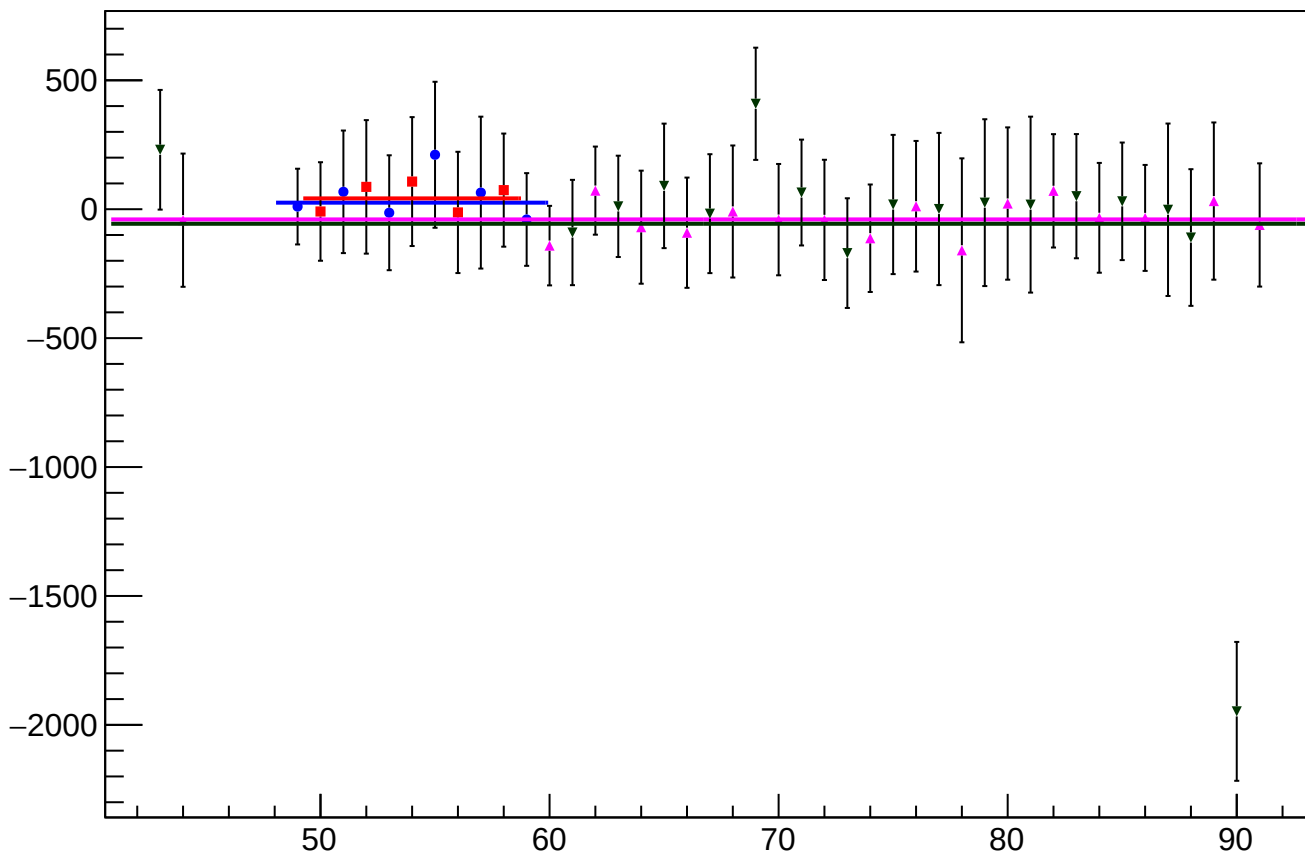
Right Out: 15.684+/-0.007 χ^2/NDF : 2223.7/4

Left In: 16.436+/-0.004 χ^2/NDF :409179.5/16

16.147+/-0.003 χ^2/NDF : 336369.8/22

16.243+/-0.003 χ^2/NDF : 420348.2/21

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: -56.504 $\pm$ 58.913 χ^2 /NDF: 57.2/16

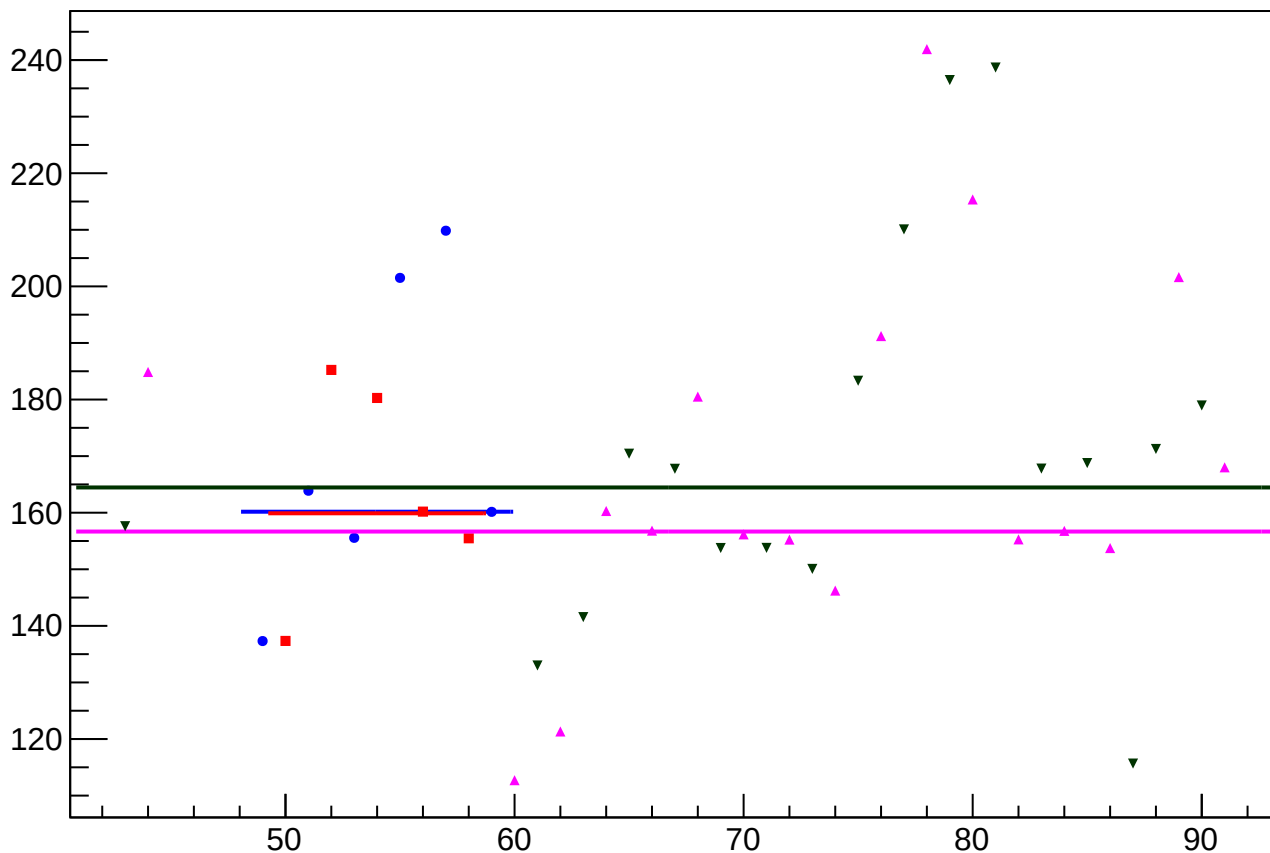
Right Out: 41.982 $\pm$ 101.444 χ^2 /NDF: 0.2/4

Left In: -39.553 $\pm$ 54.101 χ^2 /NDF: 1.6/16

-29.829 $\pm$ 48.378 χ^2 /NDF: 58.5/22

-21.498 $\pm$ 47.736 χ^2 /NDF: 2.3/21

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: 164.462+/-0.042 χ^2/NDF : 399455.3/16

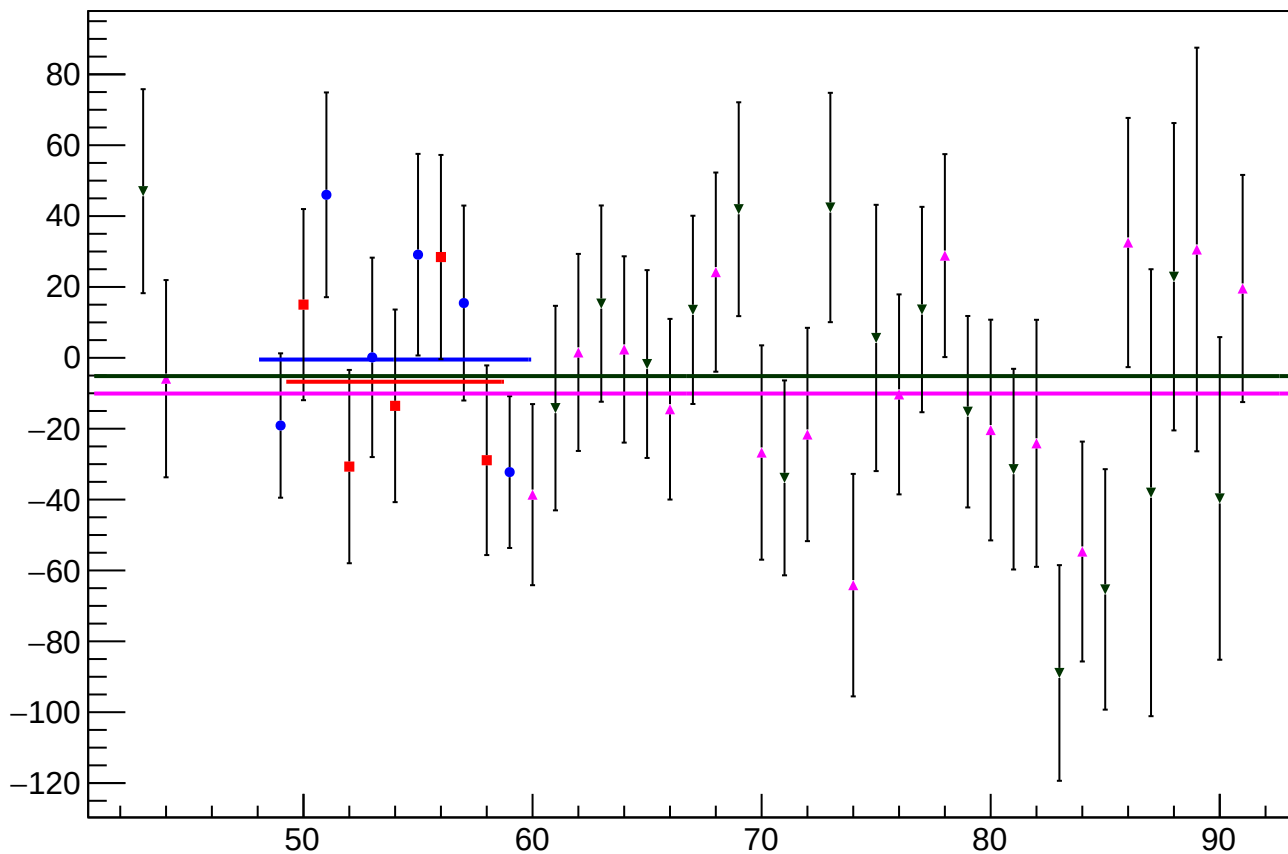
Right Out: 159.894+/-0.072 χ^2/NDF : 61148.7/4

Left In: 156.669+/-0.038 χ^2/NDF : 573688.9/16

163.066+/-0.034 χ^2/NDF : 552182.0/22

157.383+/-0.034 χ^2/NDF : 636410.9/21

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: -5.153 ± 7.525 χ^2/NDF : 23.6/16

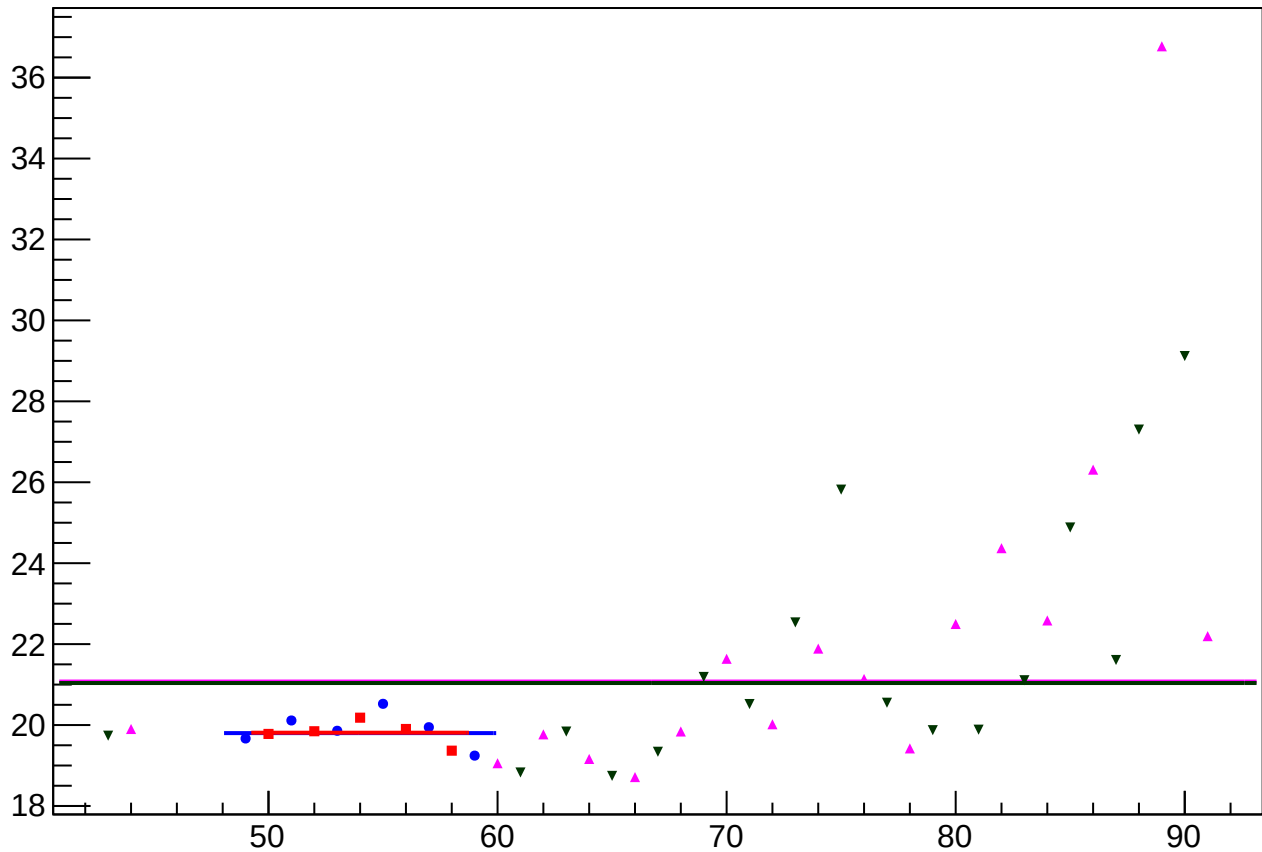
Right Out: -6.749 ± 12.241 χ^2/NDF : 3.7/4

Left In: -10.077 ± 7.247 χ^2/NDF : 13.6/16

-3.506 ± 6.056 χ^2/NDF : 30.8/22

-9.213 ± 6.236 χ^2/NDF : 17.3/21

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: 21.039+/-0.005 χ^2/NDF : 218349.9/16

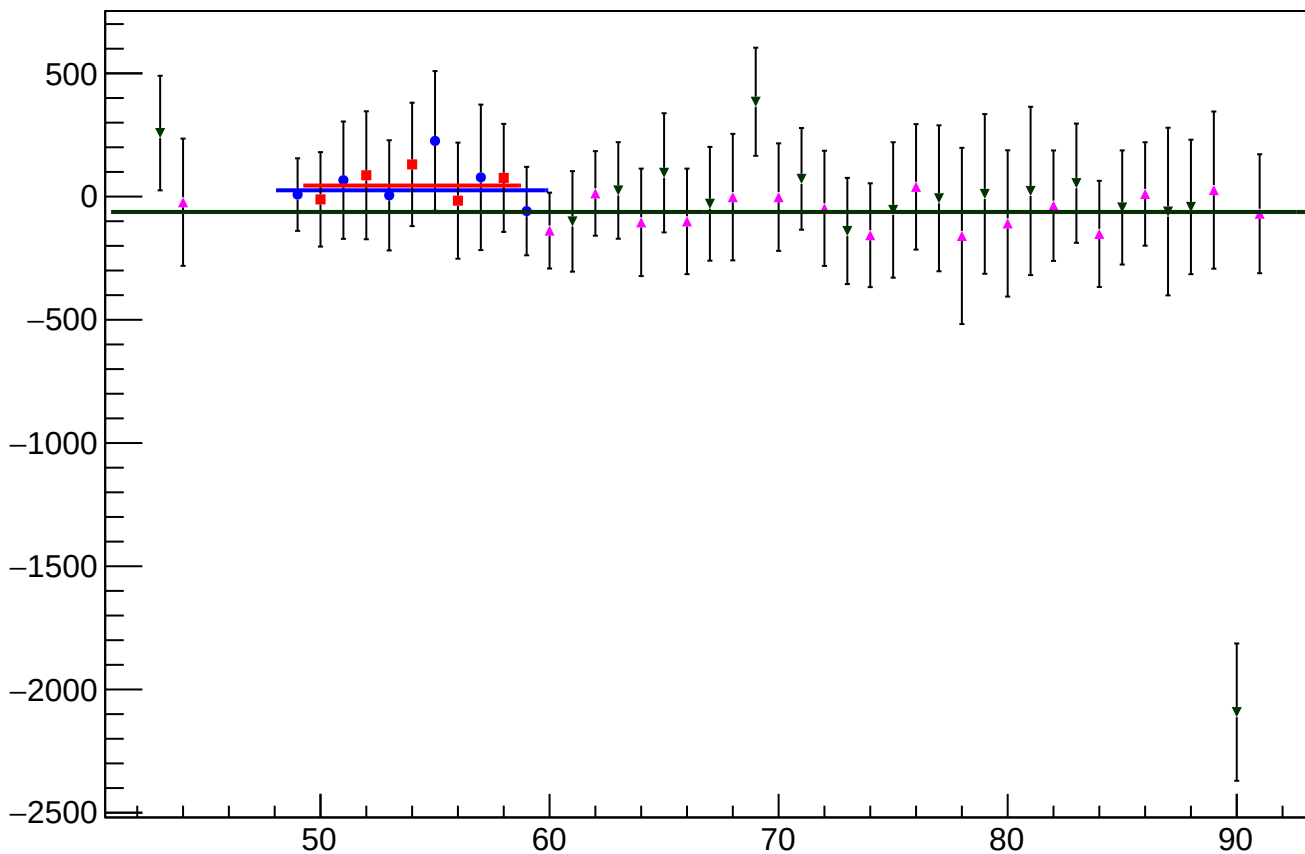
20.603+/-0.004 χ^2/NDF : 240442.2/22

Right Out: 19.811+/-0.009 χ^2/NDF : 949.5/4

20.747+/-0.004 χ^2/NDF : 305500.4/21

Left In: 21.075+/-0.005 χ^2/NDF : 288749.7/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 25.446+/-84.899 χ^2/NDF : 0.8/5

Left Out: -62.260+/-59.367 χ^2/NDF : 60.8/16

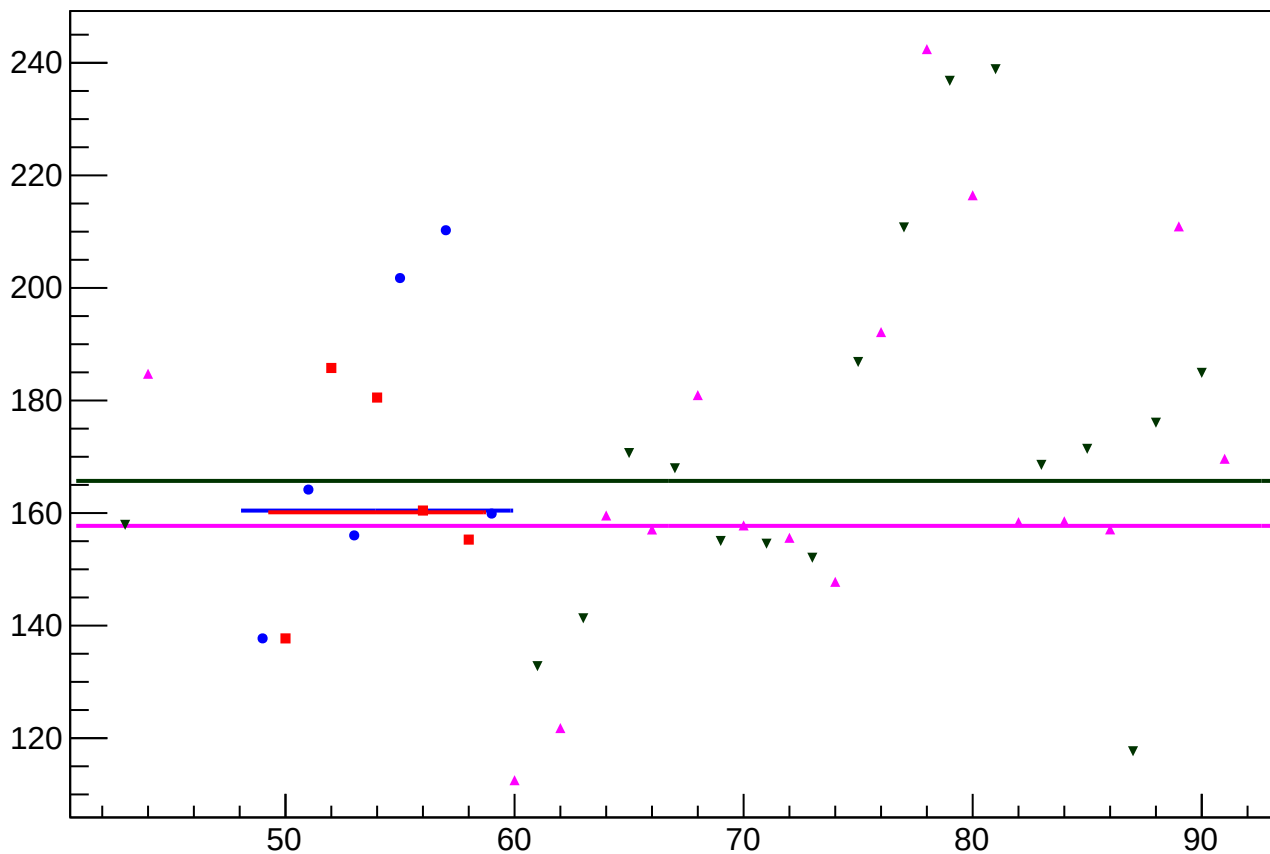
Right Out: 44.786+/-101.598 χ^2/NDF : 0.3/4

Left In: -62.886+/-54.488 χ^2/NDF : 1.5/16

-33.458+/-48.652 χ^2/NDF : 62.3/22

-38.834+/-48.018 χ^2/NDF : 2.7/21

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: 165.712+/-0.042 χ^2/NDF : 405031.1/16

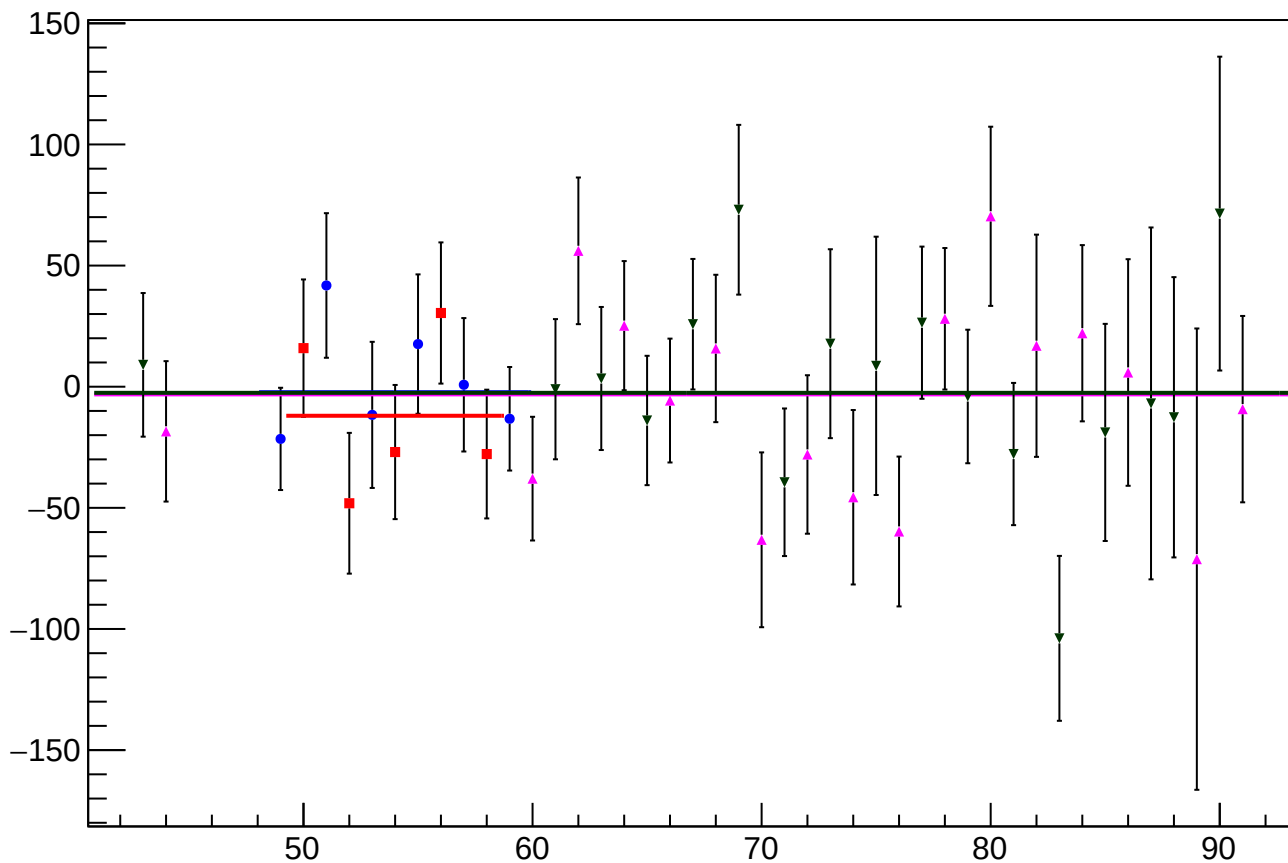
Right Out: 160.132+/-0.072 χ^2/NDF : 61111.2/4

Left In: 157.725+/-0.039 χ^2/NDF : 591049.7/16

163.980+/-0.034 χ^2/NDF : 558527.4/22

158.263+/-0.034 χ^2/NDF : 653033.3/21

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: -2.527+/-8.236 χ^2/NDF : 19.9/16

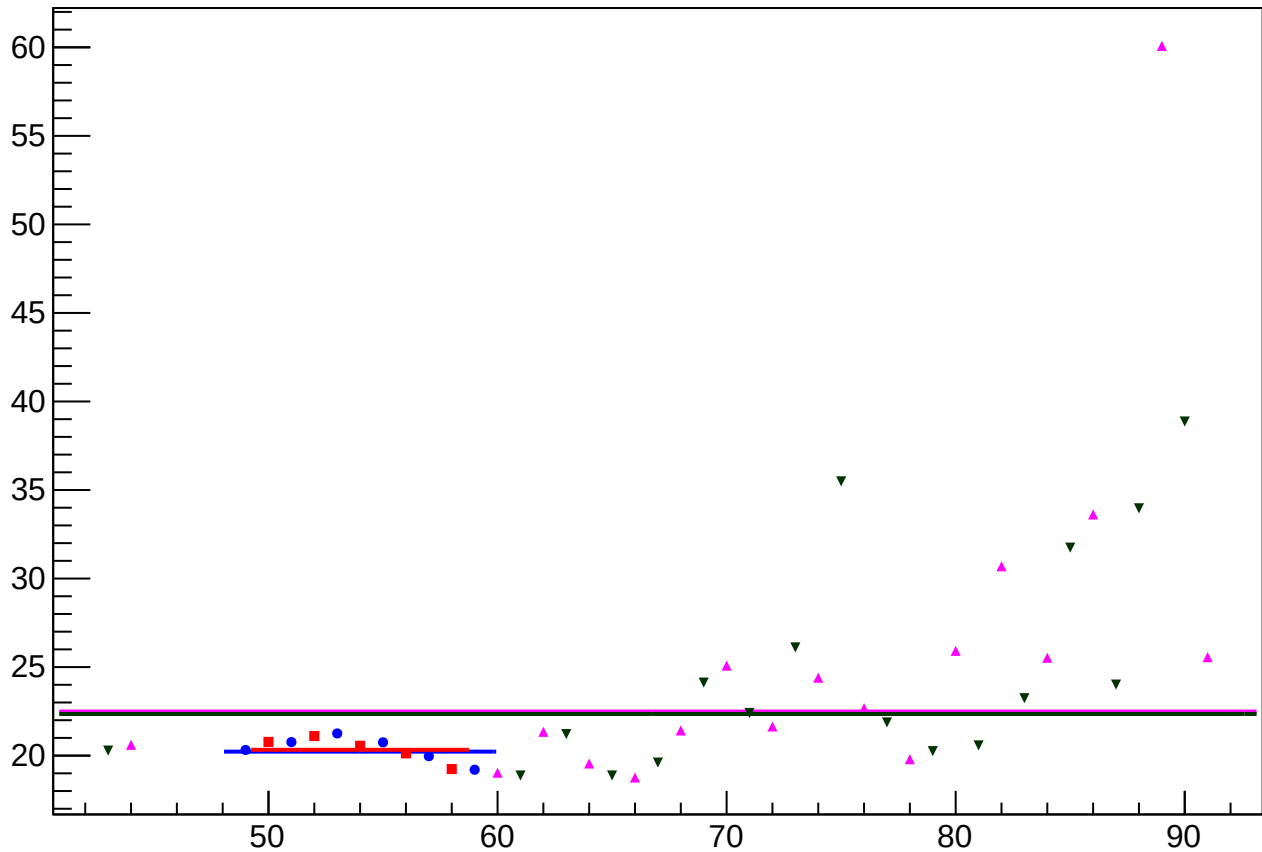
Right Out: -11.994+/-12.572 χ^2/NDF : 5.3/4

Left In: -3.175+/-7.973 χ^2/NDF : 21.9/16

-2.431+/-6.465 χ^2/NDF : 23.7/22

-5.705+/-6.733 χ^2/NDF : 27.5/21

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: 22.352 $\pm$ 0.006 χ^2 /NDF: 561643.0/16

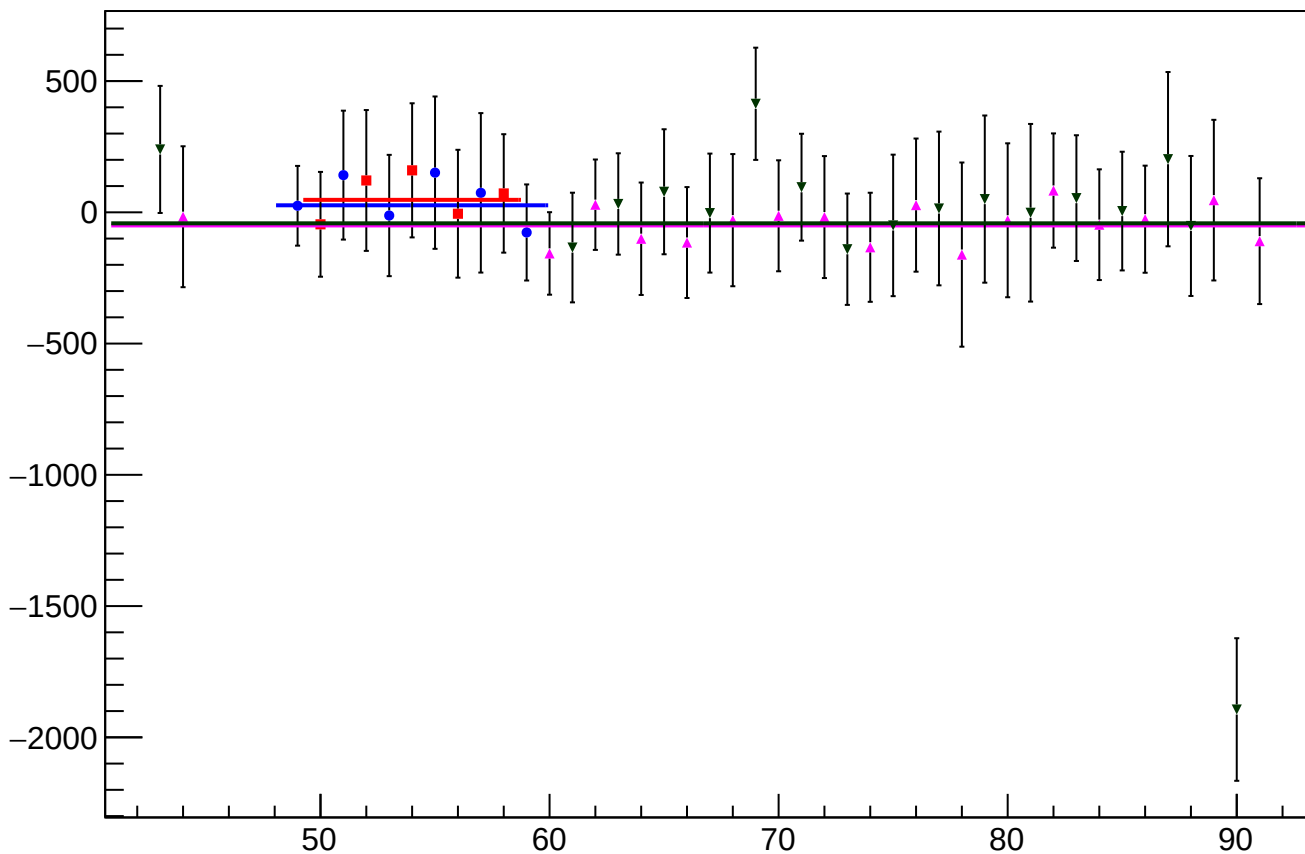
Right Out: 20.328 $\pm$ 0.009 χ^2 /NDF: 5505.6/4

Left In: 22.488 $\pm$ 0.006 χ^2 /NDF: 684335.3/16

21.535 $\pm$ 0.005 χ^2 /NDF: 621270.9/22

21.868 $\pm$ 0.005 χ^2 /NDF: 731936.0/21

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: -41.911 $\pm$ 58.734 χ^2 /NDF:54.6/16

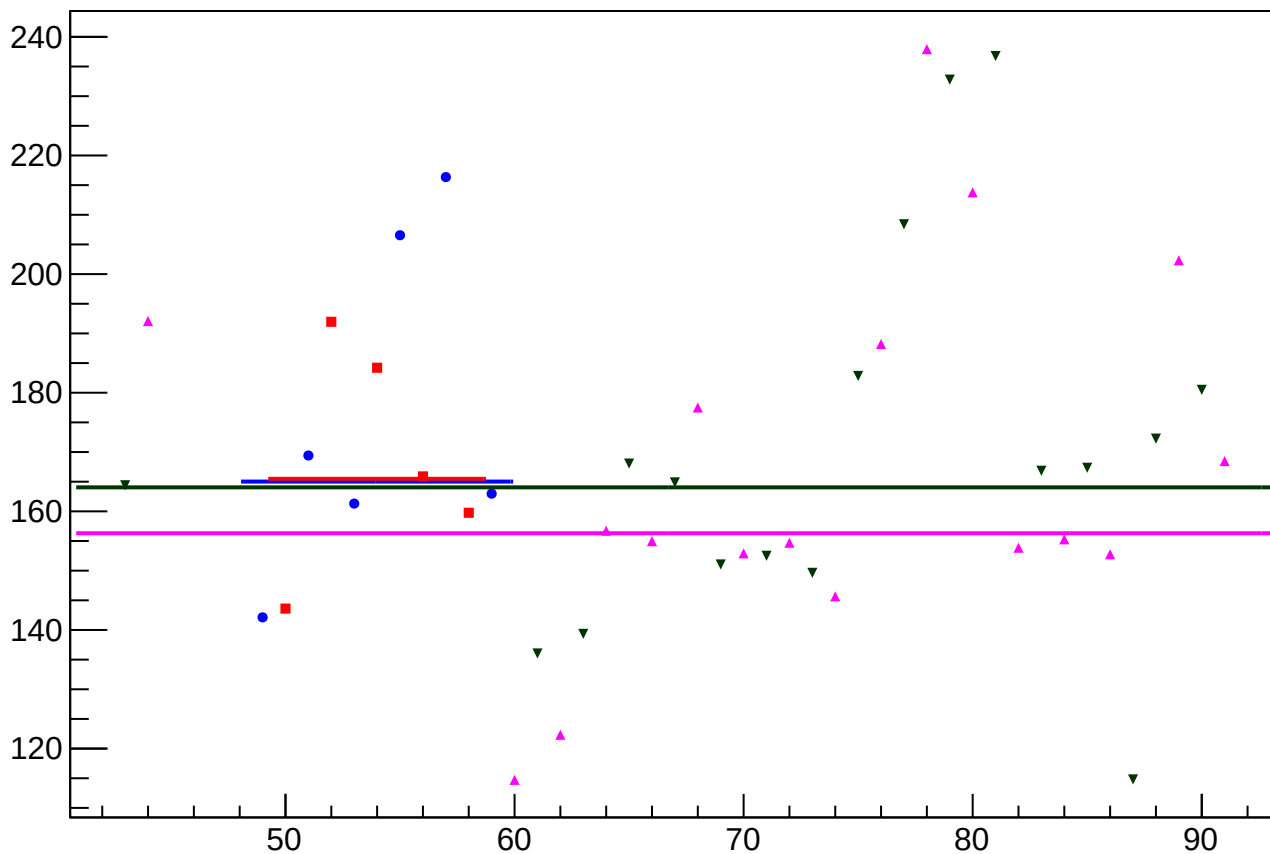
Right Out: 47.504 $\pm$ 104.933 χ^2 /NDF: 0.5/4

Left In: -49.976 $\pm$ 53.980 χ^2 /NDF:1.8/16

-20.514 $\pm$ 48.731 χ^2 /NDF: 55.8/22

-29.578 $\pm$ 48.001 χ^2 /NDF: 3.0/21

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: 164.045 $\pm$ 0.042 χ^2 /NDF: 387498.5/16

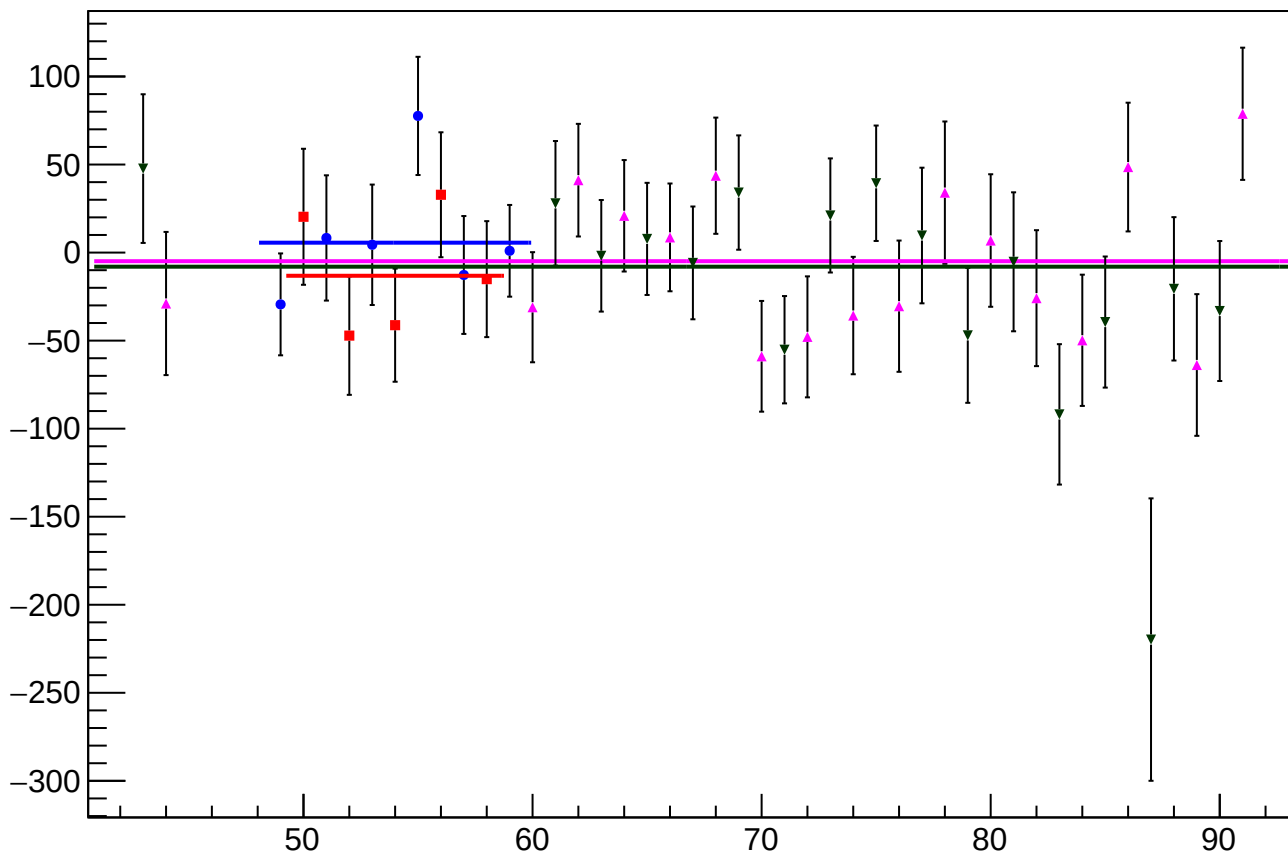
Right Out: 165.487 $\pm$ 0.074 χ^2 /NDF: 55541.0/4

Left In: 156.310 $\pm$ 0.038 χ^2 /NDF: 541615.4/16

164.348 $\pm$ 0.034 χ^2 /NDF: 532619.3/22

158.230 $\pm$ 0.034 χ^2 /NDF: 609253.2/21

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: -8.008+/-8.782 χ^2 /NDF:23.9/16

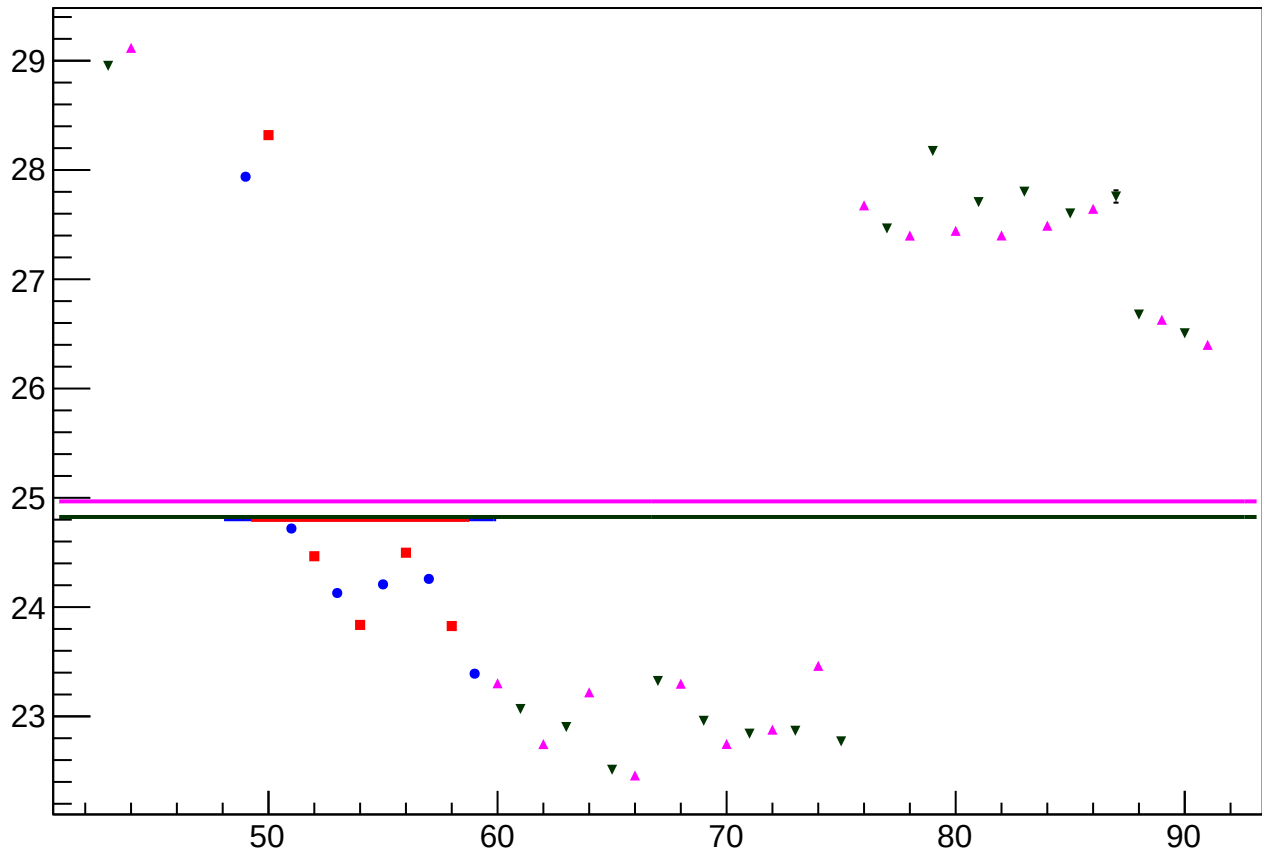
Right Out: -13.168+/-15.357 χ^2 /NDF: 4.2/4

Left In: -4.894+/-8.496 χ^2 /NDF:24.0/16

-3.651+/-7.243 χ^2 /NDF: 31.1/22

-6.832+/-7.434 χ^2 /NDF: 28.5/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 24.804+/-0.009 χ^2/NDF : 31310.4/5

Left Out: 24.825+/-0.006 χ^2/NDF :144612.2/16

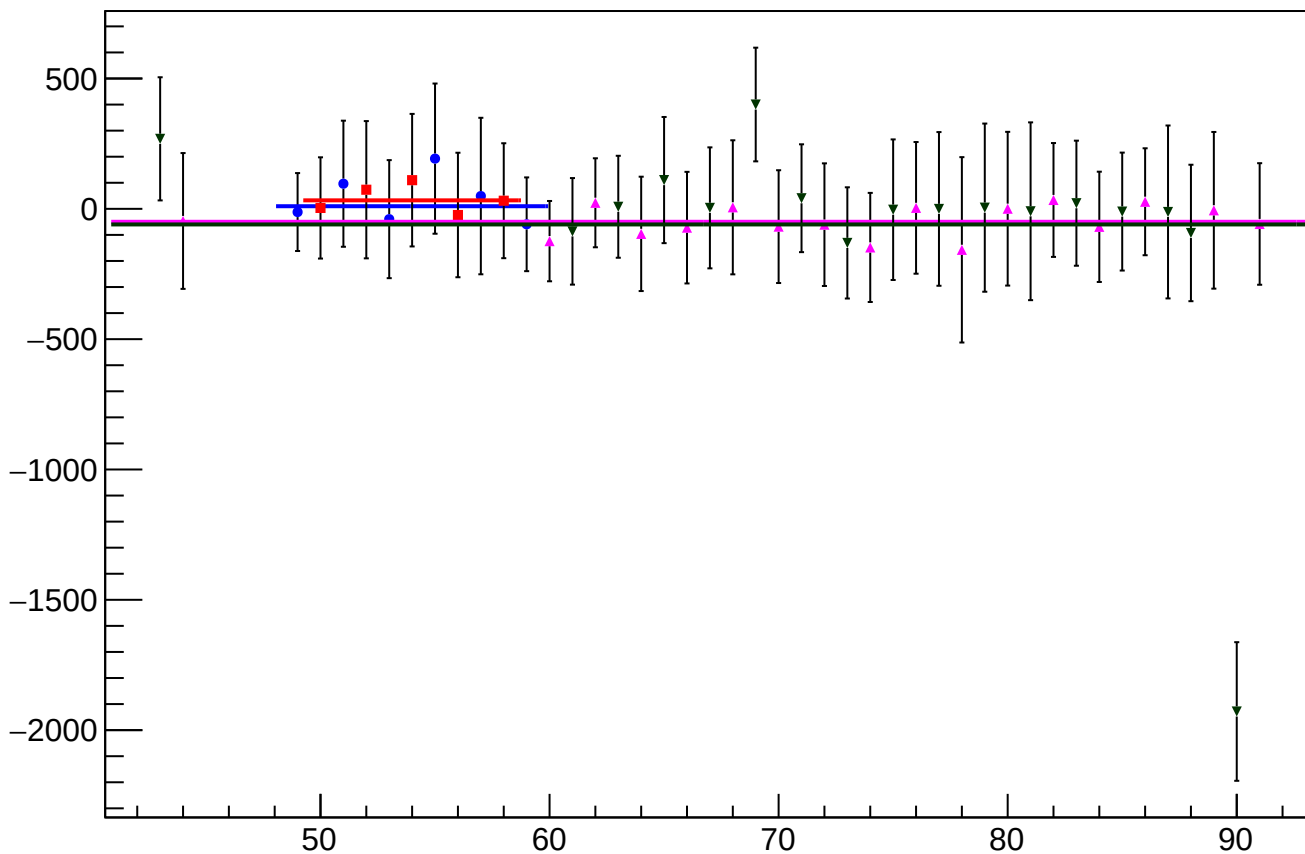
Right Out: 24.798+/-0.011 χ^2/NDF : 20493.0/4

Left In: 24.967+/-0.006 χ^2/NDF :142880.6/16

24.818+/-0.005 χ^2/NDF : 175926.2/22

24.928+/-0.005 χ^2/NDF : 163559.6/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 10.031+/-85.939 χ^2/NDF : 0.8/5

Left Out: -59.845+/-58.907 χ^2/NDF : 57.2/16

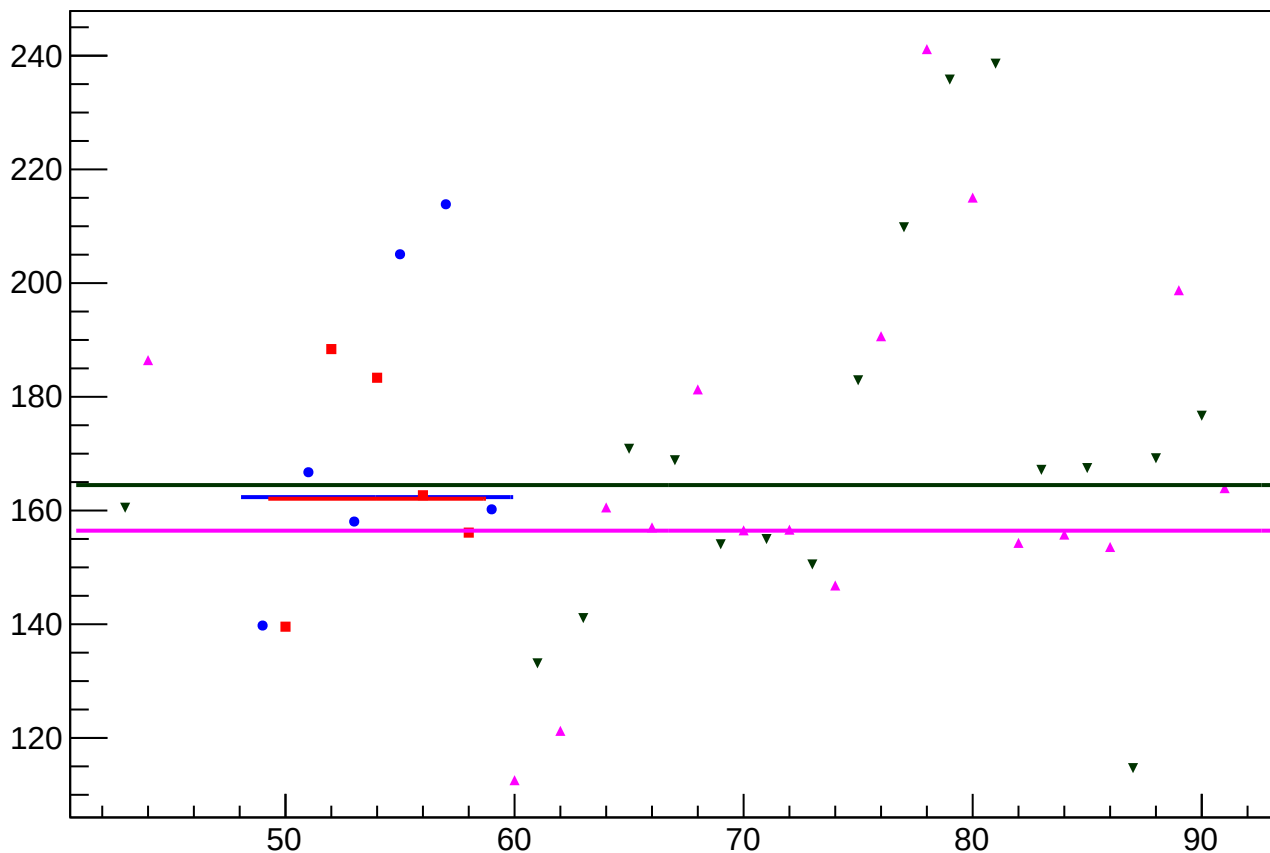
Right Out: 32.562+/-102.867 χ^2/NDF : 0.2/4

Left In: -49.668+/-54.015 χ^2/NDF : 1.2/16

-37.509+/-48.588 χ^2/NDF : 58.4/22

-31.896+/-47.823 χ^2/NDF : 1.9/21

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: 164.477 ± 0.042 χ^2/NDF : 395056.7/16

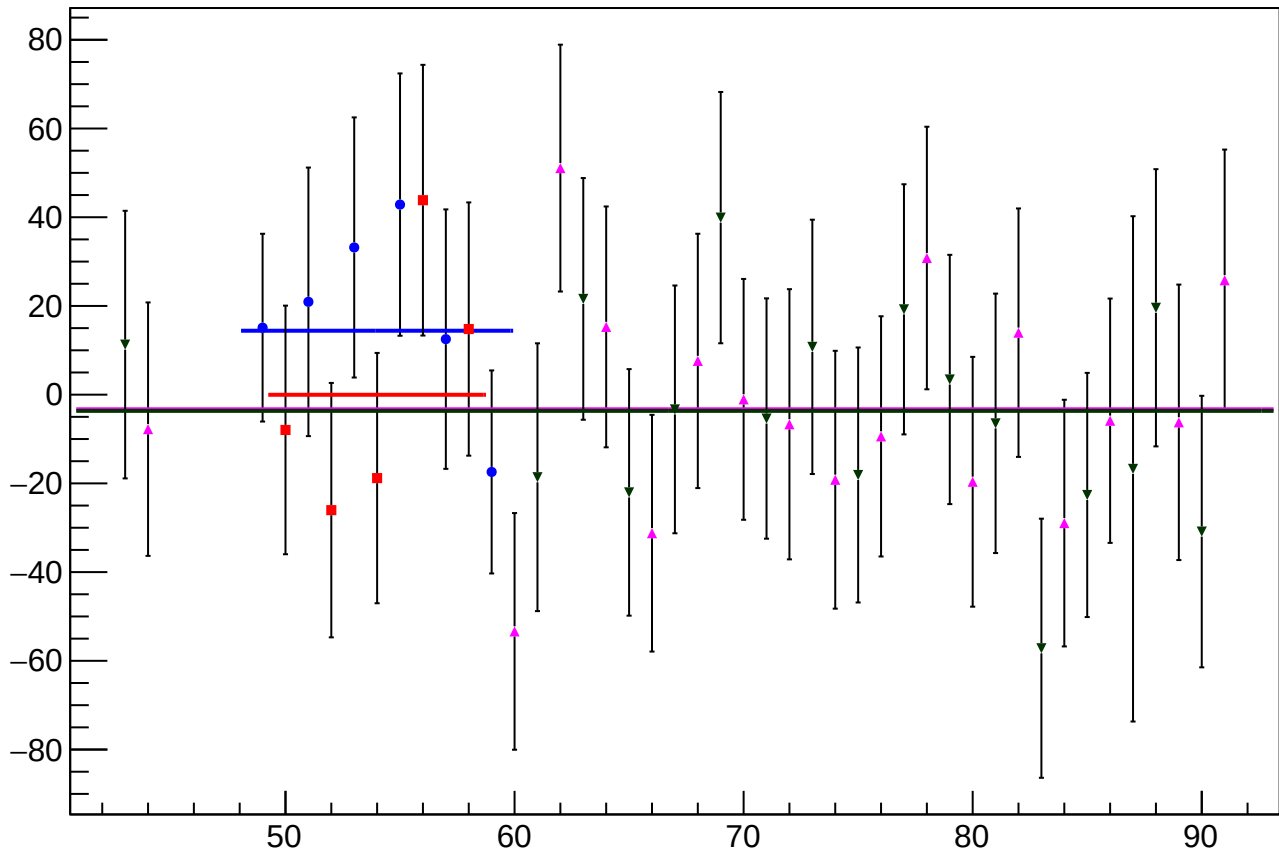
Right Out: 162.078 ± 0.073 χ^2/NDF : 62318.9/4

Left In: 156.458 ± 0.038 χ^2/NDF : 568813.2/16

163.801 ± 0.034 χ^2/NDF : 546042.0/22

157.673 ± 0.034 χ^2/NDF : 635812.4/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.414 $\pm$ 10.715 χ^2 /NDF: 3.3/5

Left Out: -3.648 $\pm$ 7.117 χ^2 /NDF:10.6/16

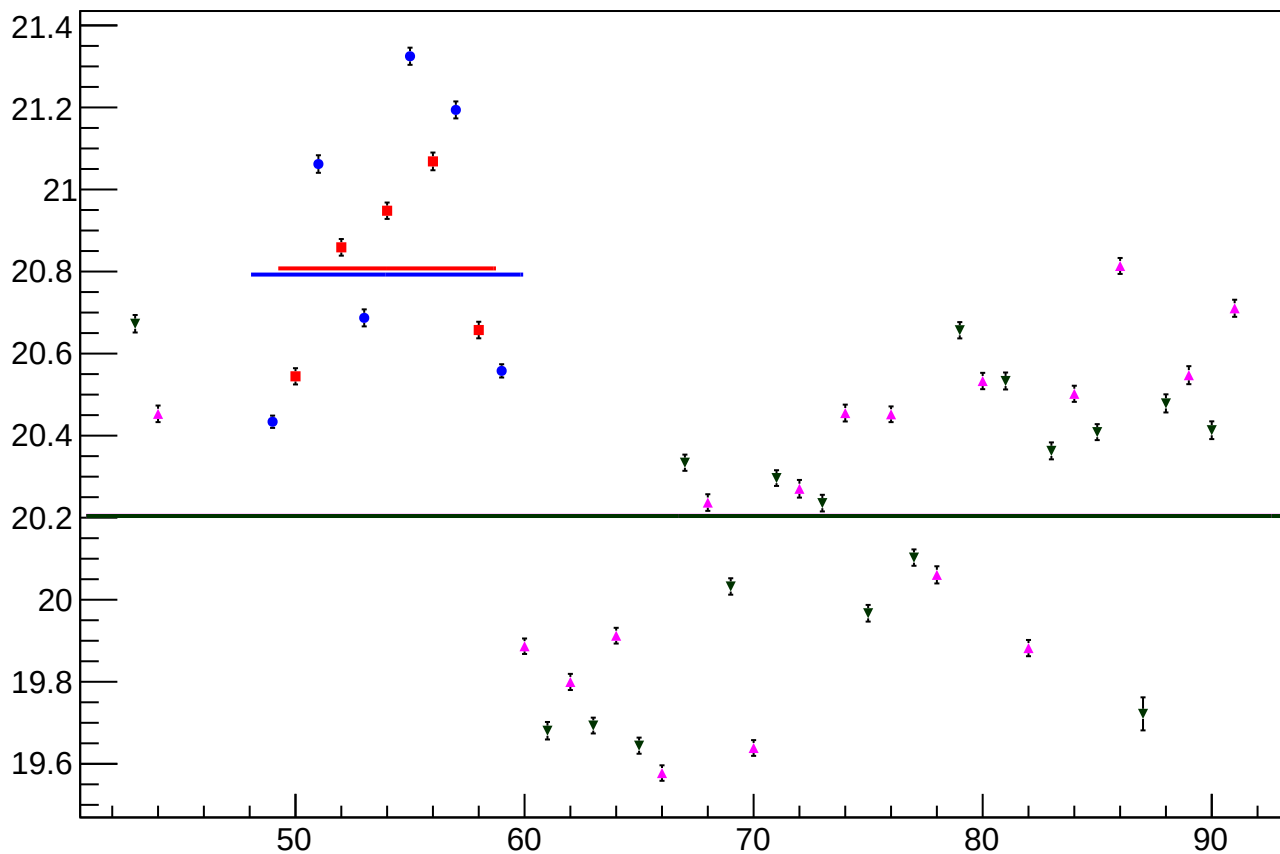
Right Out: -0.026 $\pm$ 12.860 χ^2 /NDF: 3.7/4

Left In: -3.291 $\pm$ 6.842 χ^2 /NDF:13.3/16

1.881 $\pm$ 5.928 χ^2 /NDF: 15.9/22

-2.571 $\pm$ 6.040 χ^2 /NDF: 17.1/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.793 $\pm$ 0.008 χ^2 /NDF: 1994.1/5

Left Out: 20.204 $\pm$ 0.005 χ^2 /NDF: 4236.5/16

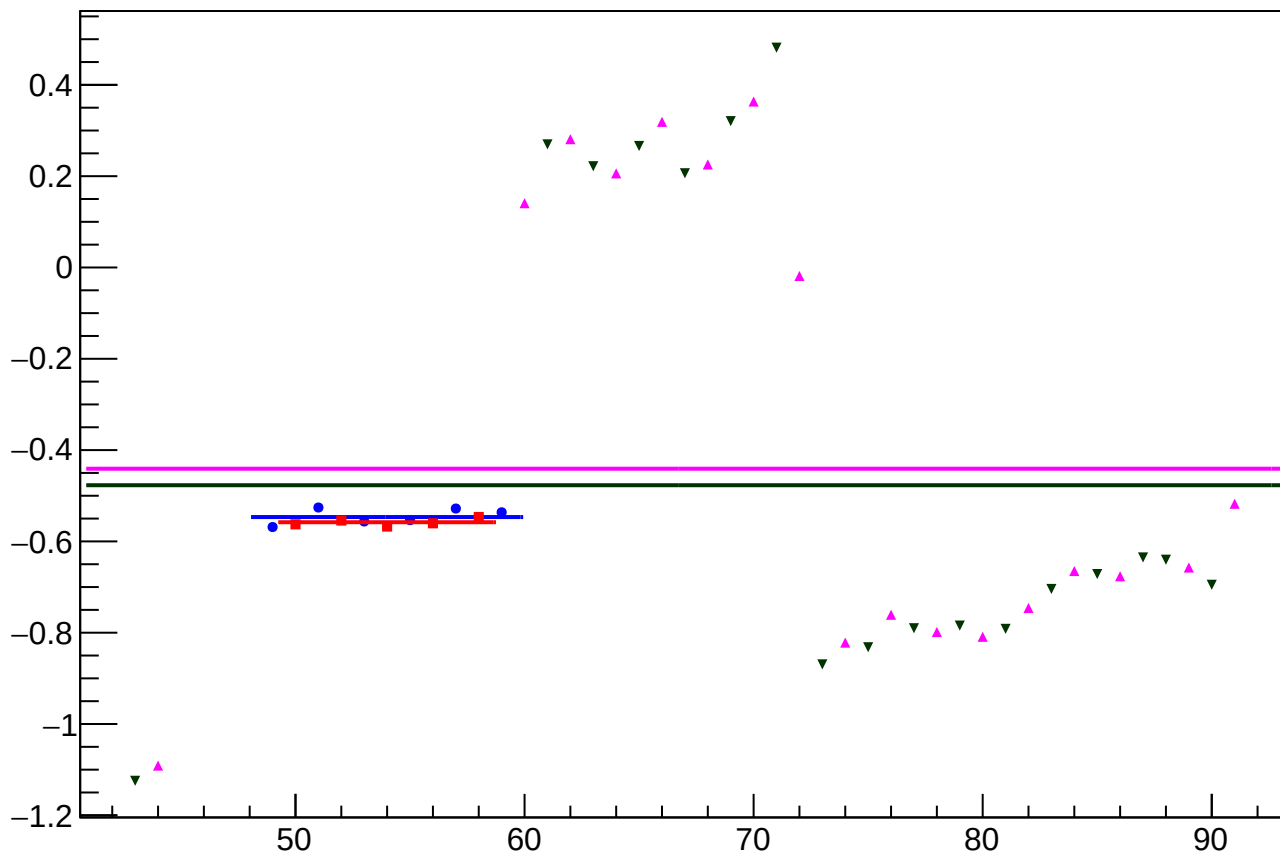
Right Out: 20.808 $\pm$ 0.009 χ^2 /NDF: 433.9/4

Left In: 20.205 $\pm$ 0.005 χ^2 /NDF: 6017.7/16

20.384 $\pm$ 0.004 χ^2 /NDF: 10417.1/22

20.338 $\pm$ 0.004 χ^2 /NDF: 9879.5/21

yield_bpm0l01X_mean vs slug



Right In: -0.547+/-0.000 χ^2/NDF : 8594428.6/5

Left Out: -0.477+/-0.000 χ^2/NDF : 30567480948.6/16

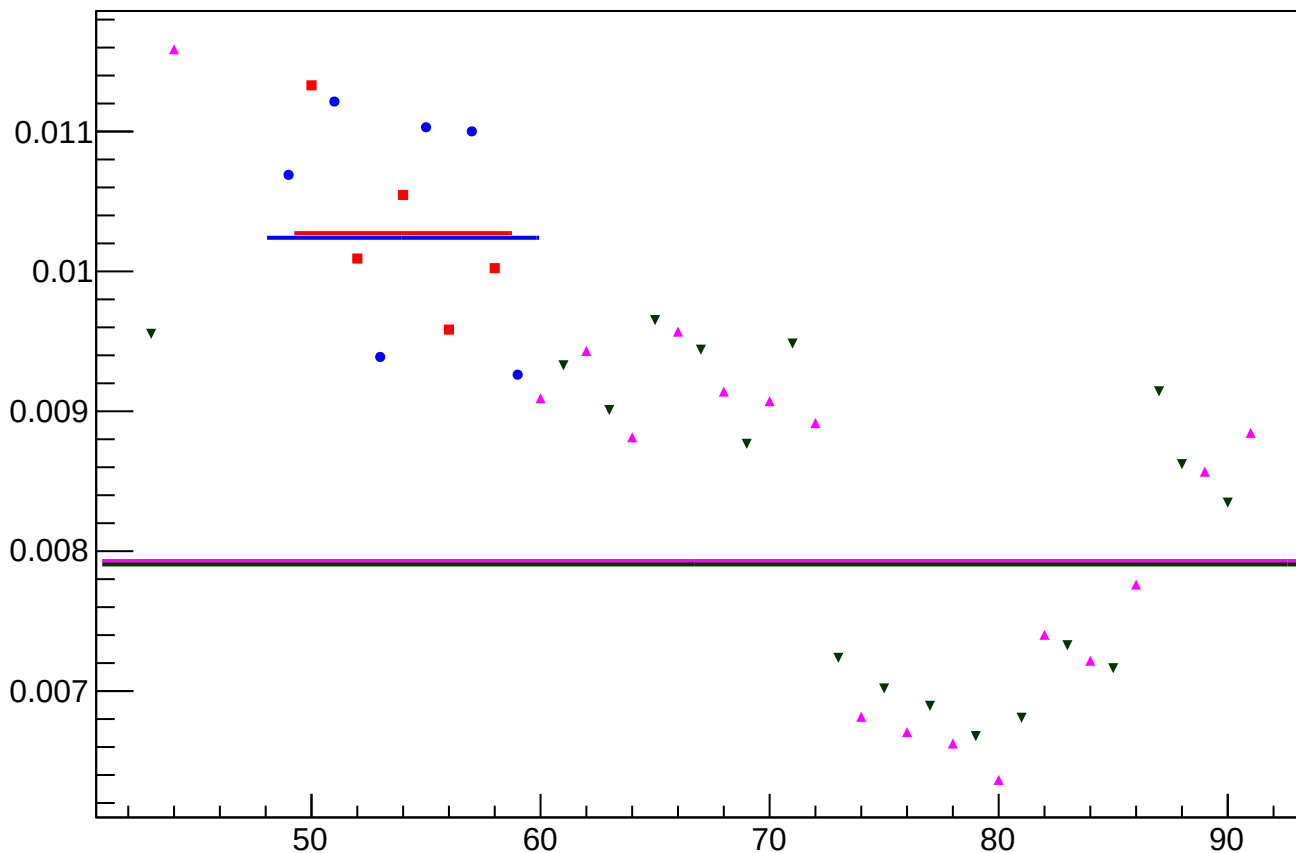
Right Out: -0.558+/-0.000 χ^2/NDF : 1290719.8/4

Left In: -0.441+/-0.000 χ^2/NDF : 28665757988.7/16

-0.492+/-0.000 χ^2/NDF : 30708475018.9/22

-0.459+/-0.000 χ^2/NDF : 28947955213.9/21

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 46181.6/5

Left Out: 0.008+/-0.000 χ^2/NDF : 299172.5/16

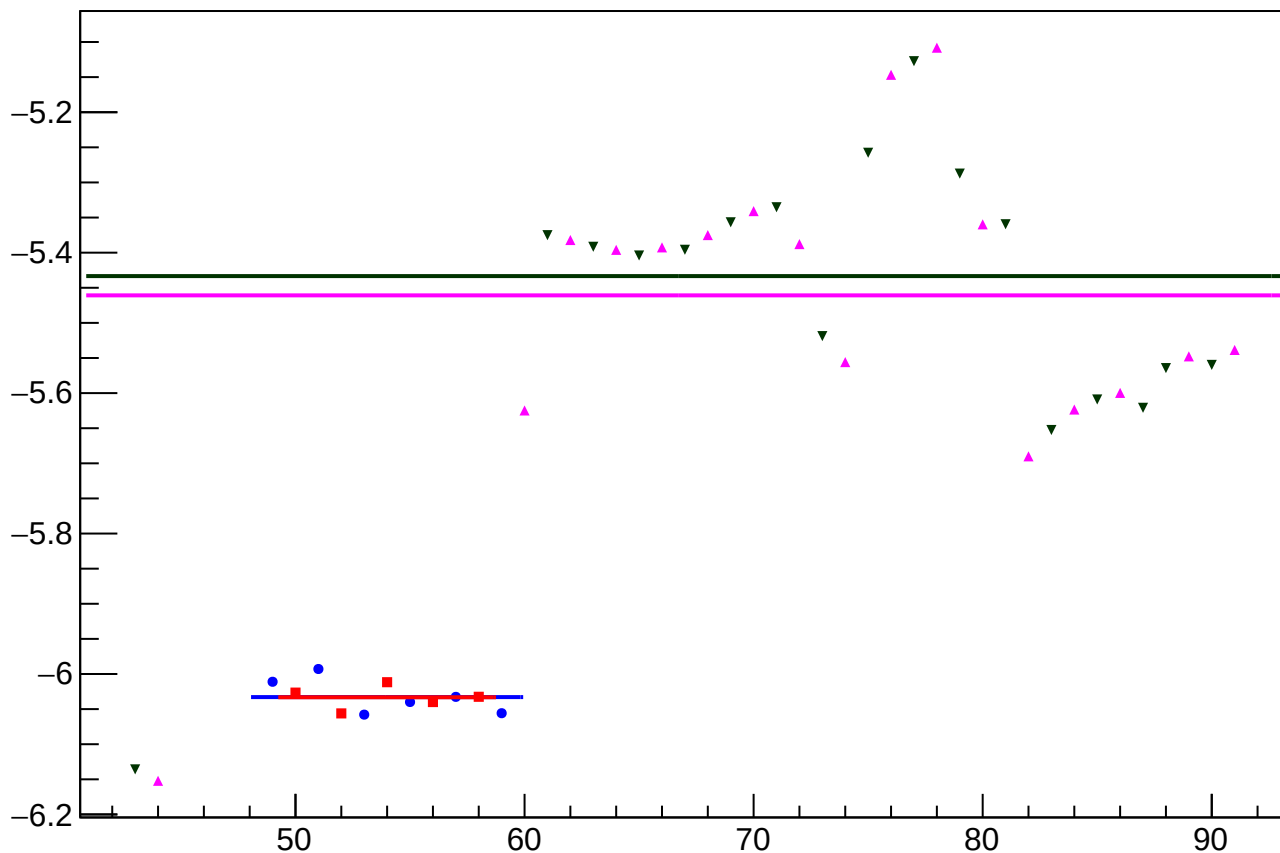
Right Out: 0.010+/-0.000 χ^2/NDF : 15663.7/4

Left In: 0.008+/-0.000 χ^2/NDF : 424095.9/16

0.008+/-0.000 χ^2/NDF : 642374.6/22

0.008+/-0.000 χ^2/NDF : 664380.6/21

yield_bpm0l01Y_mean vs slug



Right In: -6.033+/-0.000 χ^2/NDF : 20111639.5/5

Left Out: -5.433+/-0.000 χ^2/NDF : 5577733413.9/16

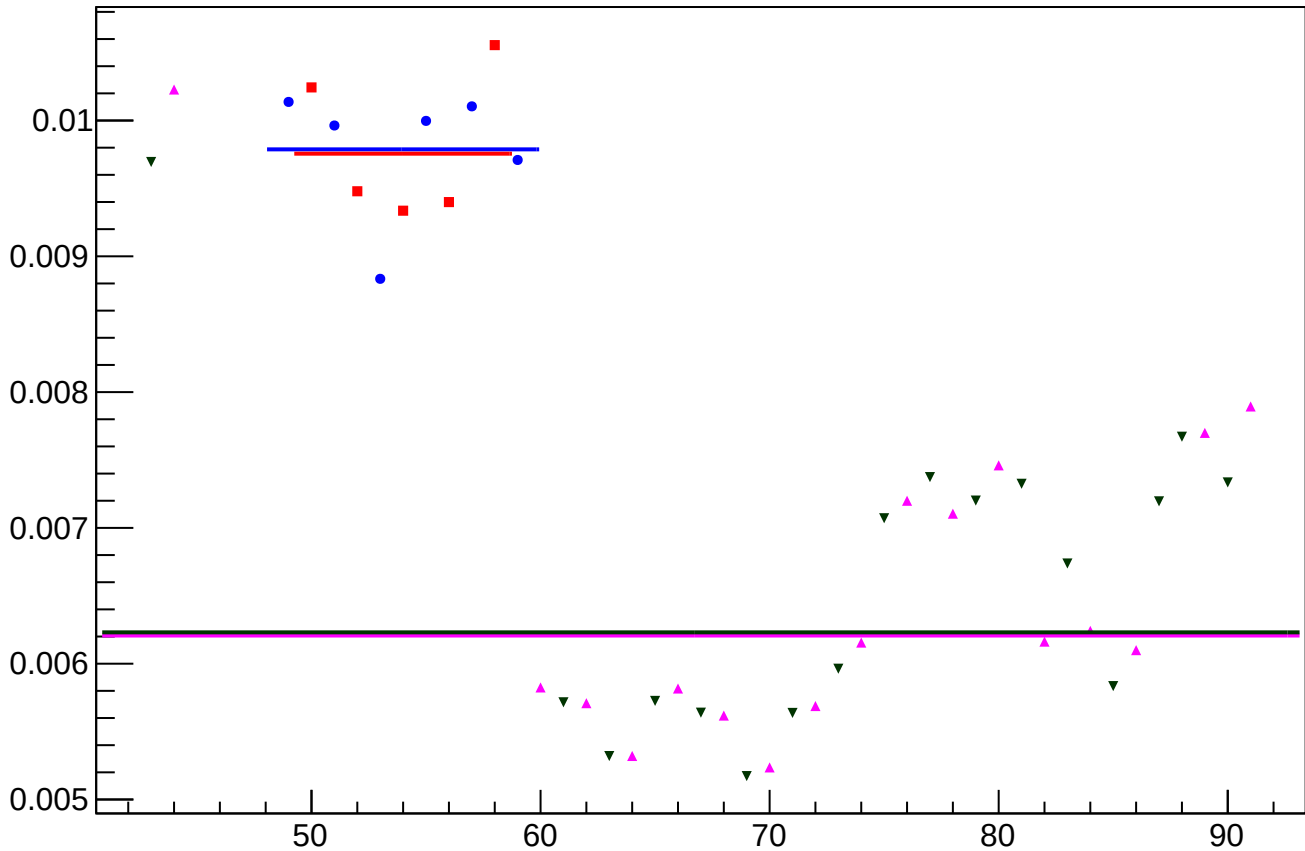
Right Out: -6.033+/-0.000 χ^2/NDF : 6219759.8/4

Left In: -5.461+/-0.000 χ^2/NDF : 7188453534.7/16

-5.530+/-0.000 χ^2/NDF : 17024569486.2/22

-5.523+/-0.000 χ^2/NDF : 14851366683.3/21

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 15165.3/5

Left Out: 0.006+/-0.000 χ^2/NDF : 366993.6/16

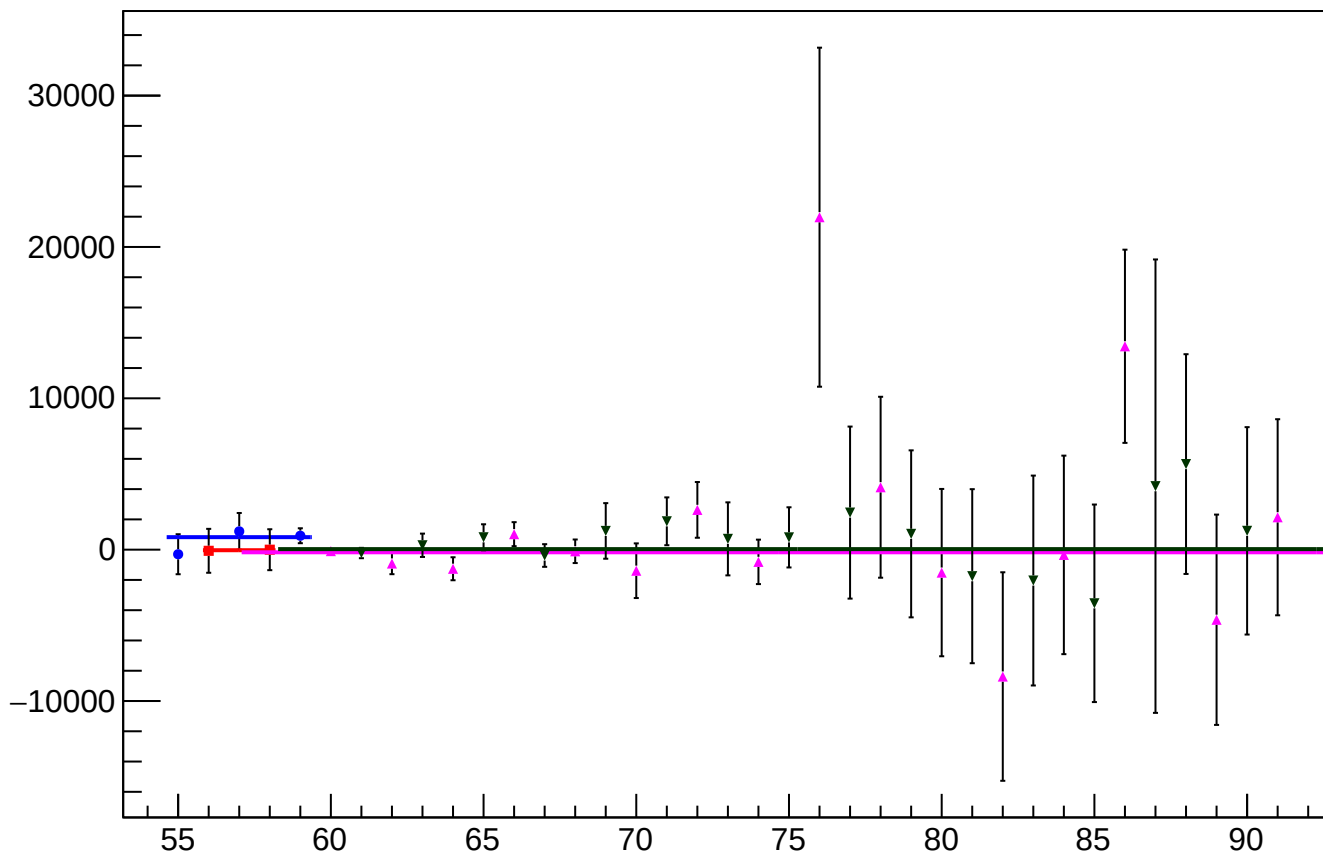
0.007+/-0.000 χ^2/NDF : 1186497.0/22

Right Out: 0.010+/-0.000 χ^2/NDF : 12330.7/4

0.007+/-0.000 χ^2/NDF : 994702.4/21

Left In: 0.006+/-0.000 χ^2/NDF : 393745.0/16

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364+/-432.037 χ^2/NDF : 0.9/2

Left Out: 36.466+/-261.070 χ^2/NDF : 5.2/15

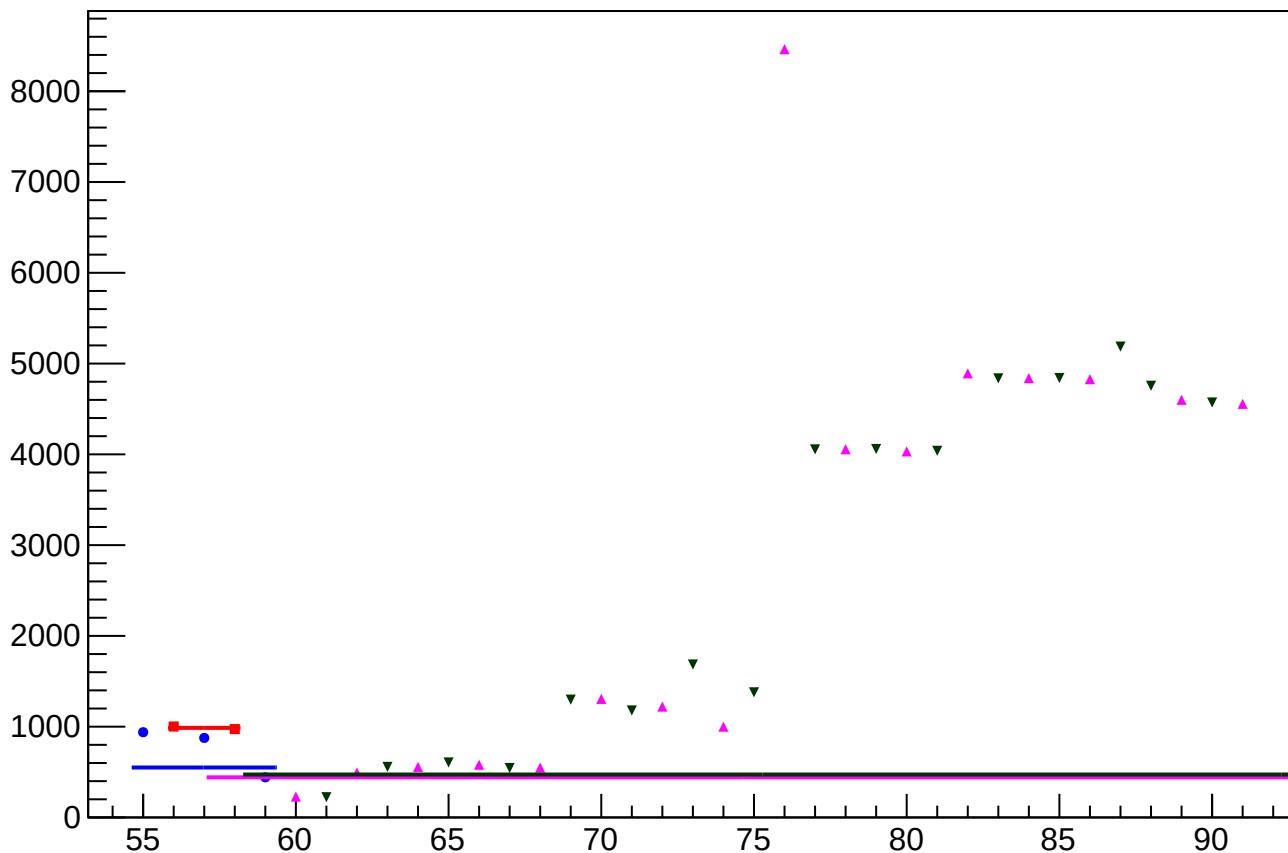
Right Out: -37.000+/-989.017 χ^2/NDF : 0.0/1

Left In: -174.055+/-230.845 χ^2/NDF : 19.5/15

247.749+/-223.443 χ^2/NDF : 8.6/18

-166.974+/-224.802 χ^2/NDF : 19.5/17

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: 472.968 $\pm$ 0.185 χ^2 /NDF:8585802.3/15

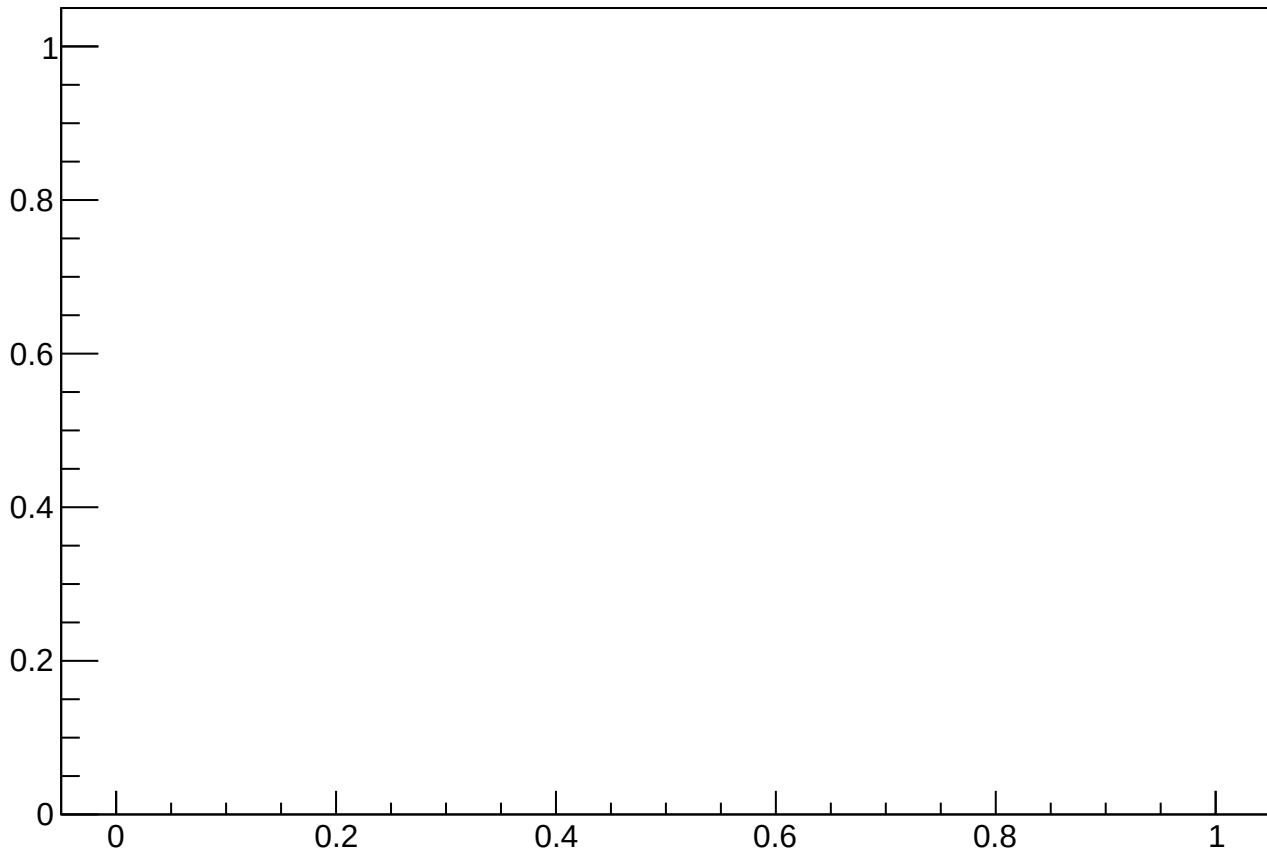
Right Out: 986.719 $\pm$ 0.699 χ^2 /NDF: 398.8/1

Left In: 441.796 $\pm$ 0.163 χ^2 /NDF:9014029.9/15

493.642 $\pm$ 0.158 χ^2 /NDF: 9046368.8/18

469.949 $\pm$ 0.159 χ^2 /NDF: 9590207.5/17

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

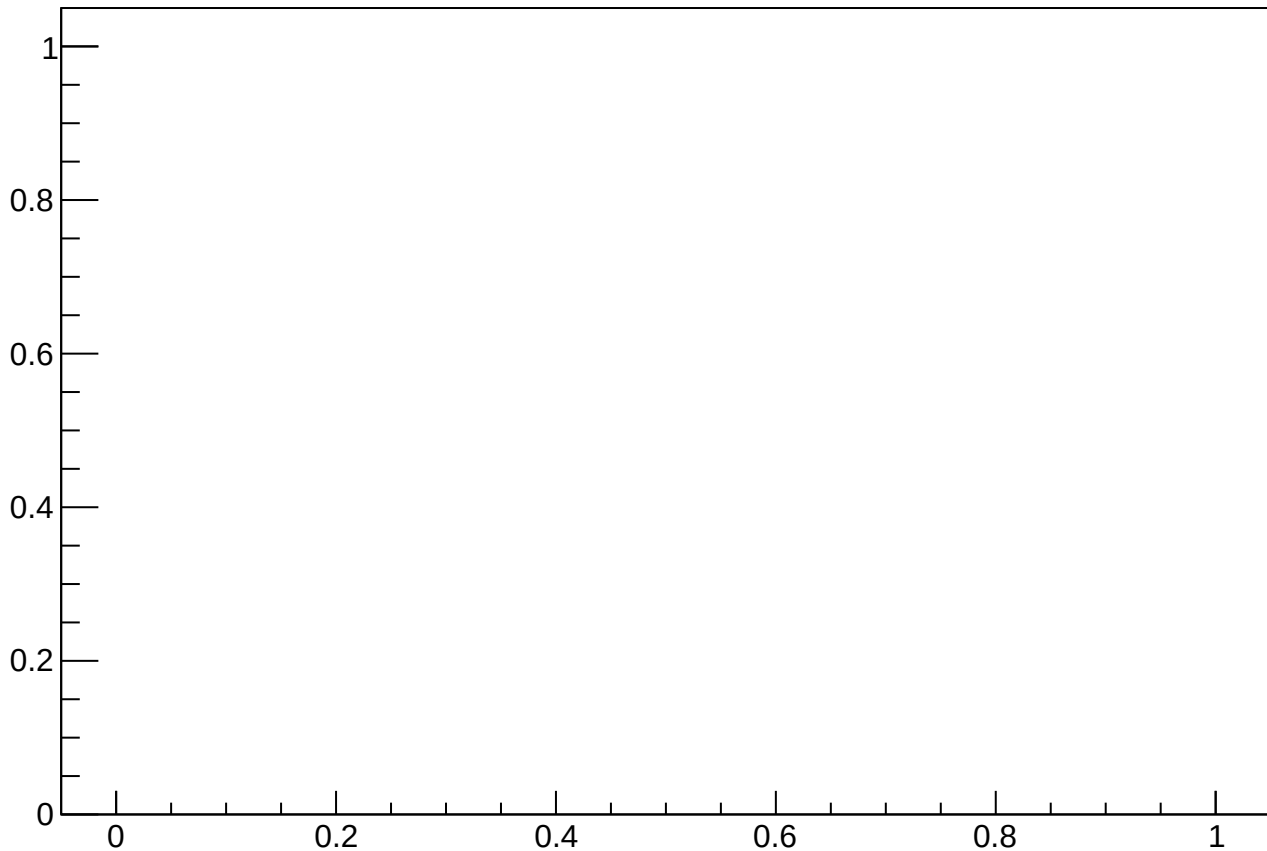
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

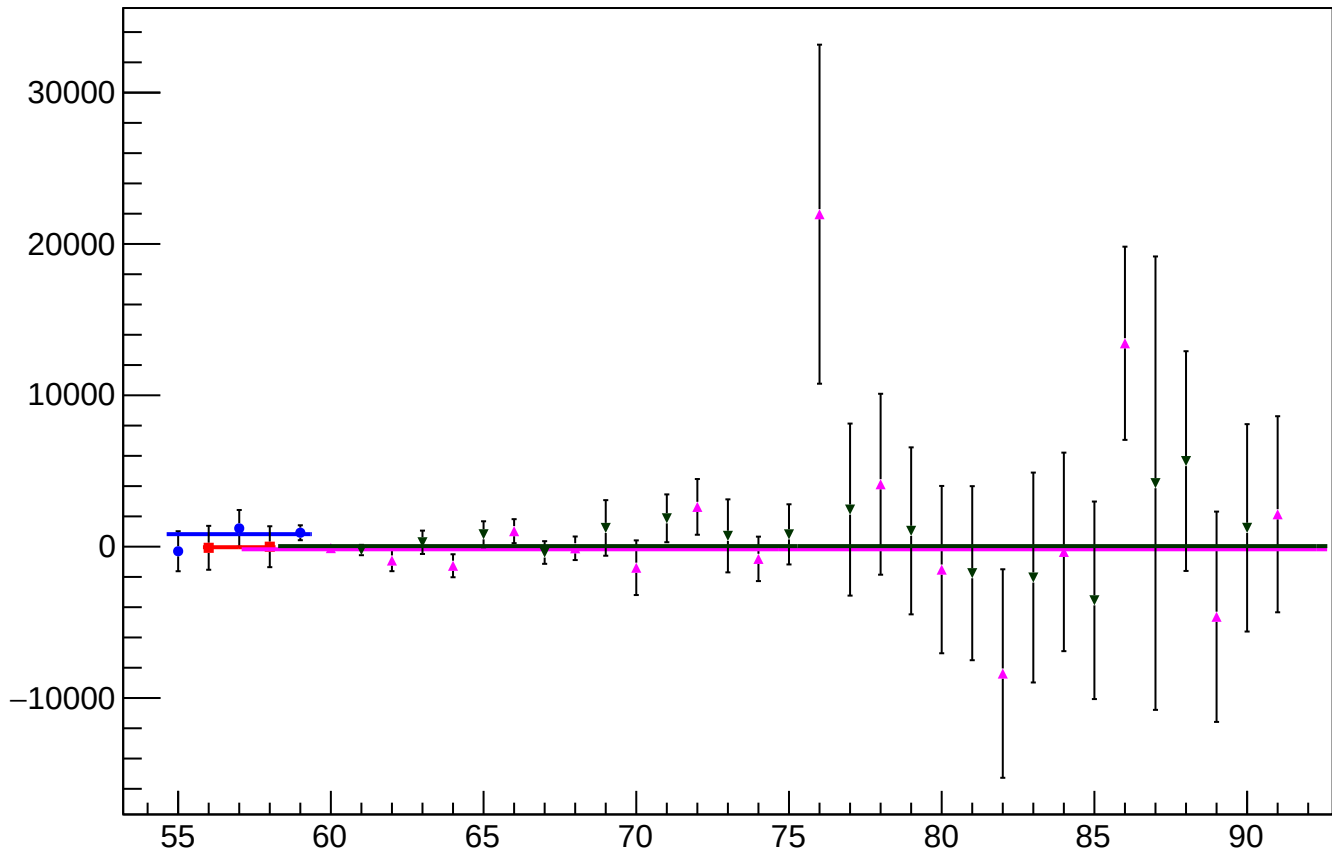
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364+/-432.037 χ^2/NDF : 0.9/2

Left Out: 36.466+/-261.070 χ^2/NDF : 5.2/15

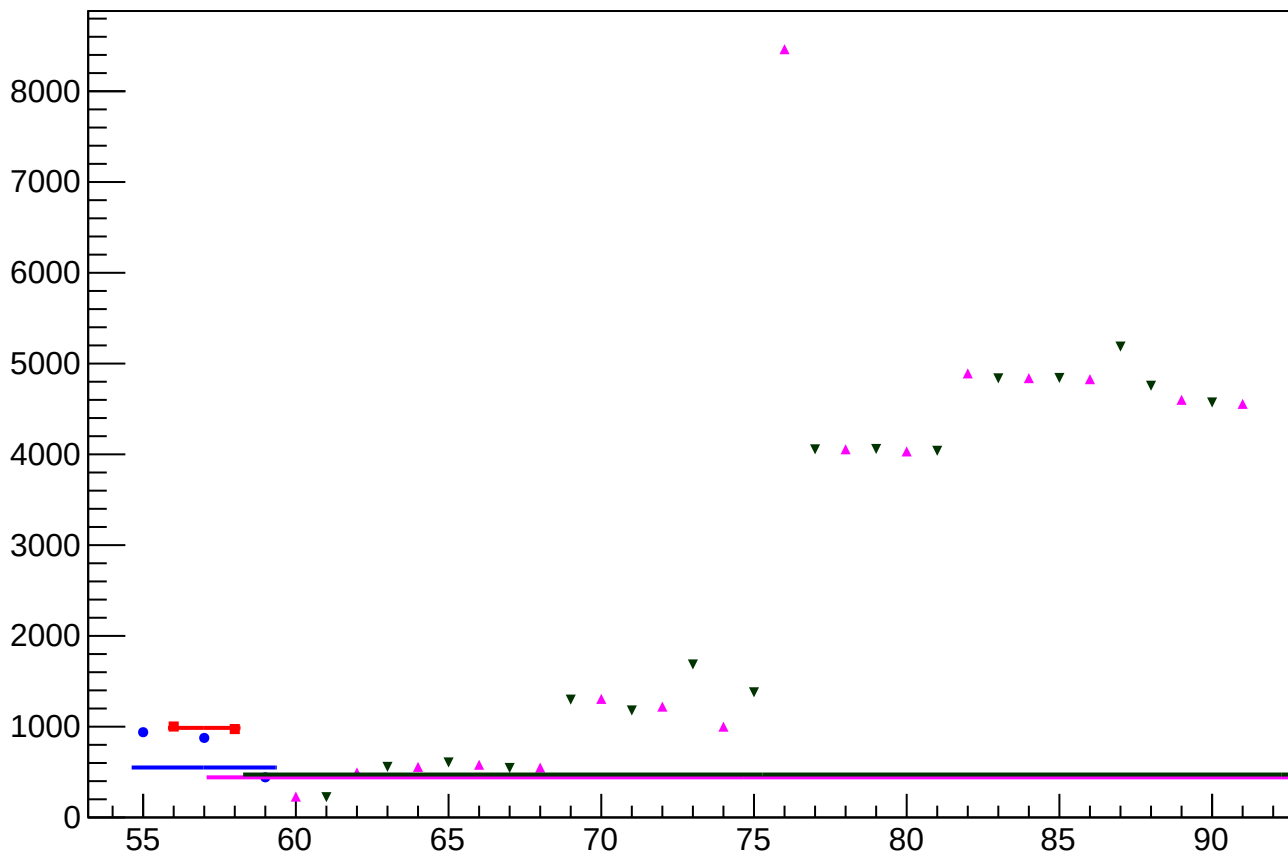
Right Out: -37.000+/-989.017 χ^2/NDF : 0.0/1

Left In: -174.055+/-230.845 χ^2/NDF : 19.5/15

247.749+/-223.443 χ^2/NDF : 8.6/18

-166.974+/-224.802 χ^2/NDF : 19.5/17

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.262+/-0.305 χ^2/NDF : 413673.8/2

Left Out: 472.968+/-0.185 χ^2/NDF :8585802.3/15

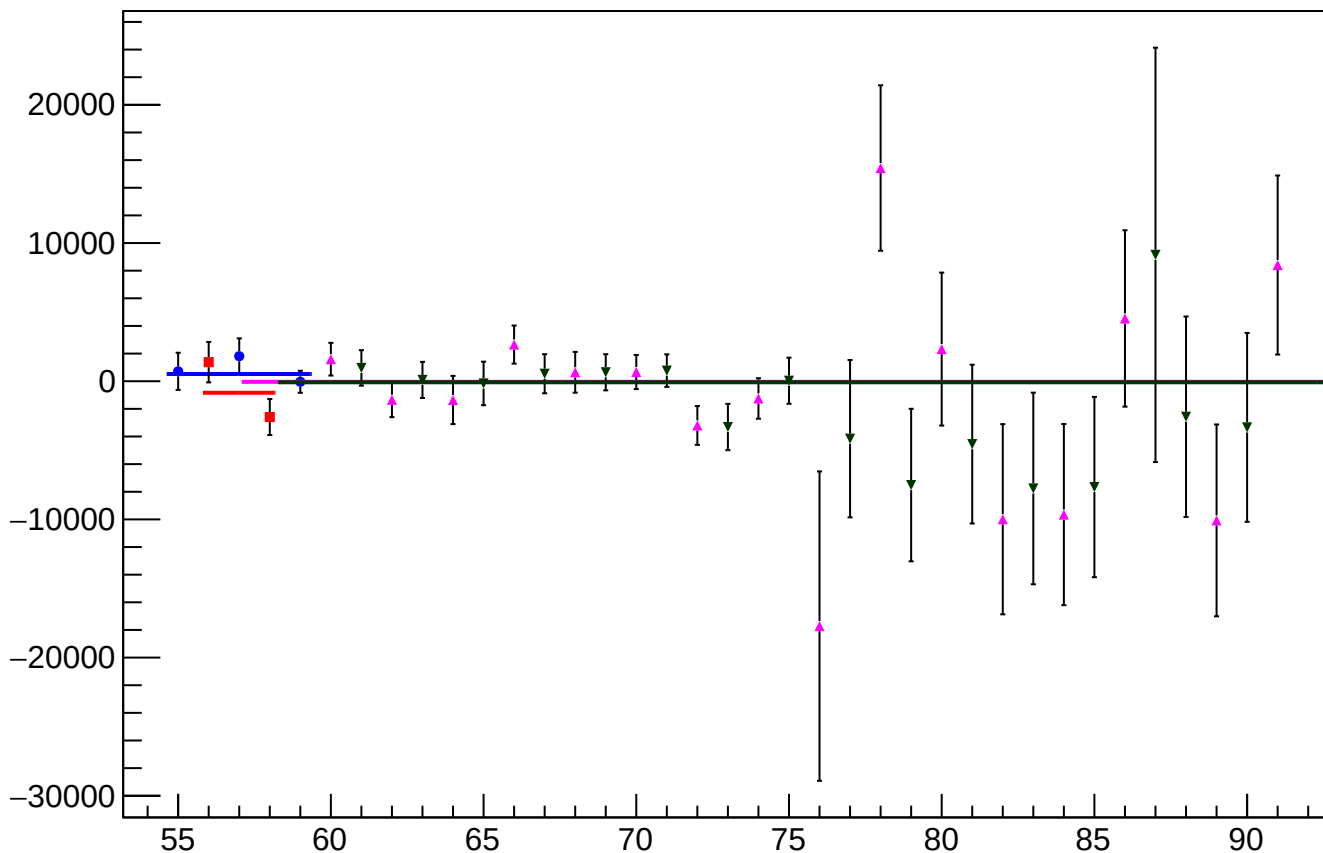
Right Out: 986.719+/-0.699 χ^2/NDF : 398.8/1

Left In: 441.796+/-0.163 χ^2/NDF :9014029.9/15

493.642+/-0.158 χ^2/NDF : 9046368.8/18

469.949+/-0.159 χ^2/NDF : 9590207.5/17

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 522.107+/-605.876 χ^2/NDF : 1.5/2

Left Out: -76.713+/-482.233 χ^2/NDF : 11.7/15

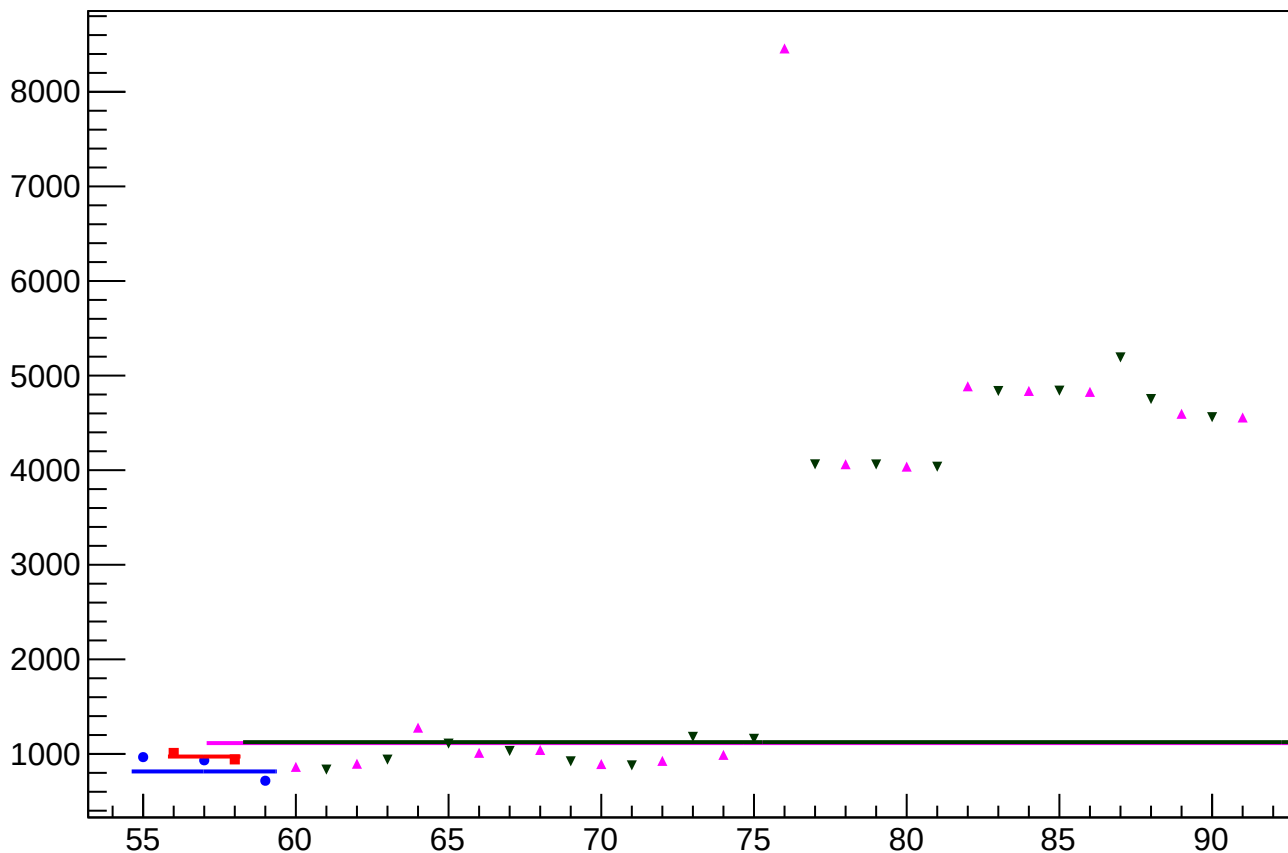
Right Out: -834.380+/-973.303 χ^2/NDF : 4.1/1

Left In: -44.156+/-473.140 χ^2/NDF : 31.5/15

155.520+/-377.309 χ^2/NDF : 13.8/18

-195.201+/-425.526 χ^2/NDF : 36.2/17

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.008+/-0.428 χ^2/NDF : 72355.1/2

Left Out: 1124.679+/-0.341 χ^2/NDF : 4275771.9/15

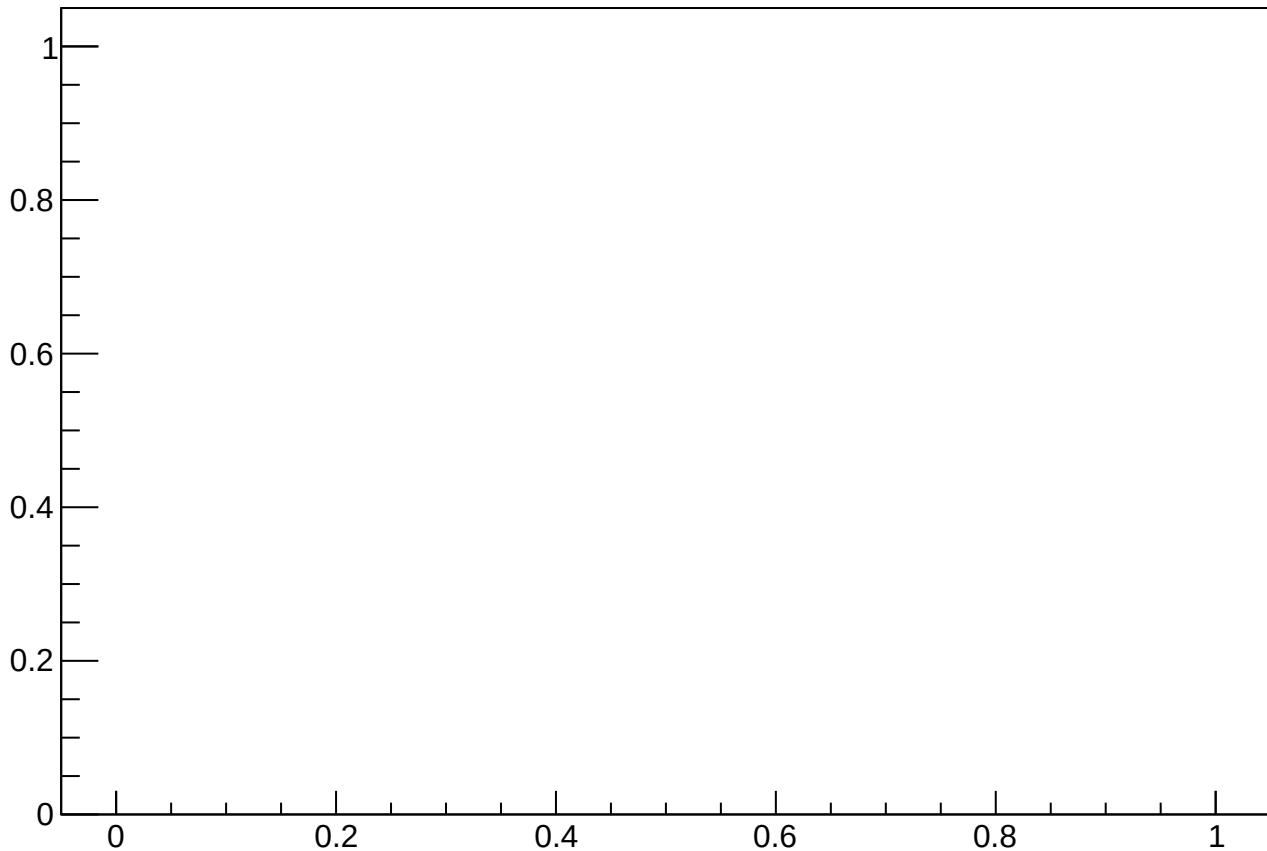
Right Out: 972.523+/-0.688 χ^2/NDF : 2404.8/1

Left In: 1114.743+/-0.335 χ^2/NDF : 5191942.9/15

1004.583+/-0.267 χ^2/NDF : 4667976.2/18

1087.559+/-0.301 χ^2/NDF : 5228888.2/17

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

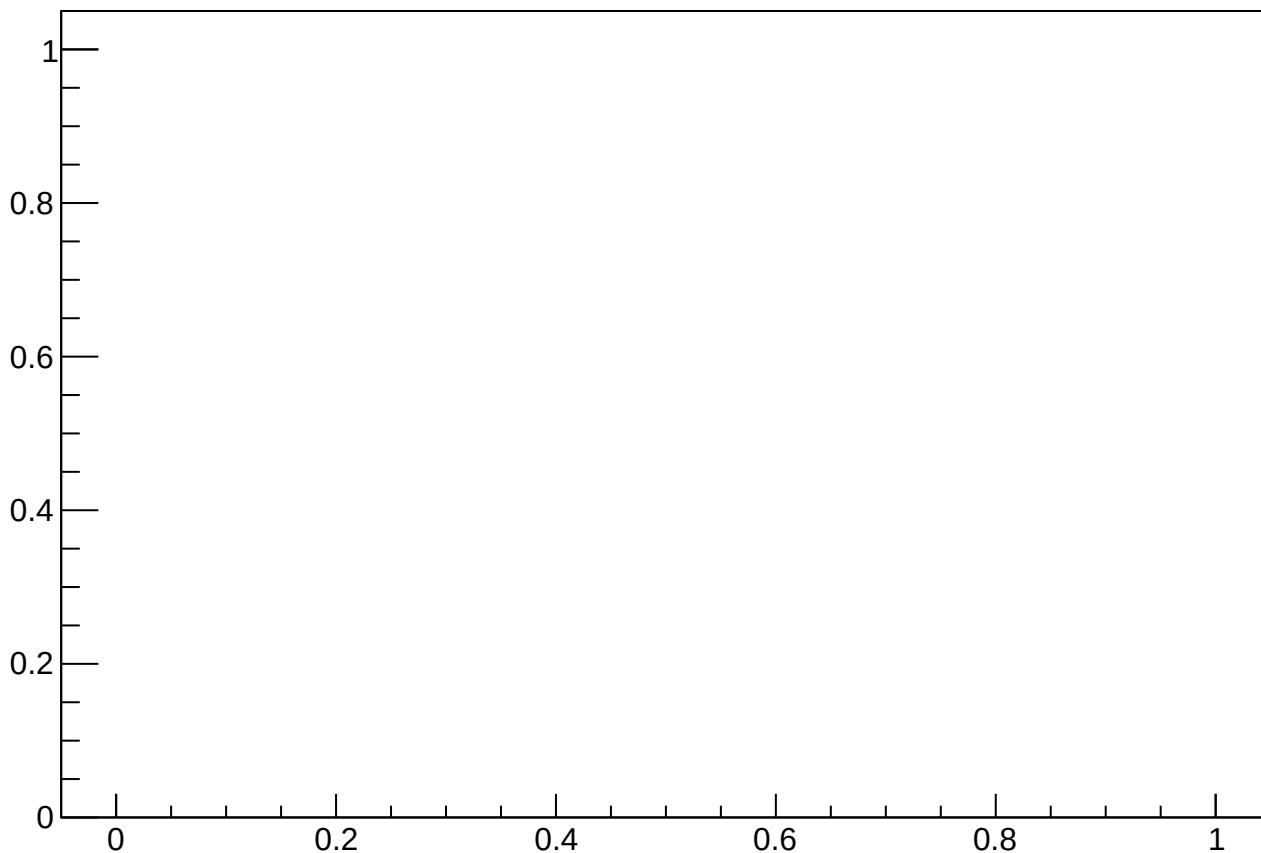
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

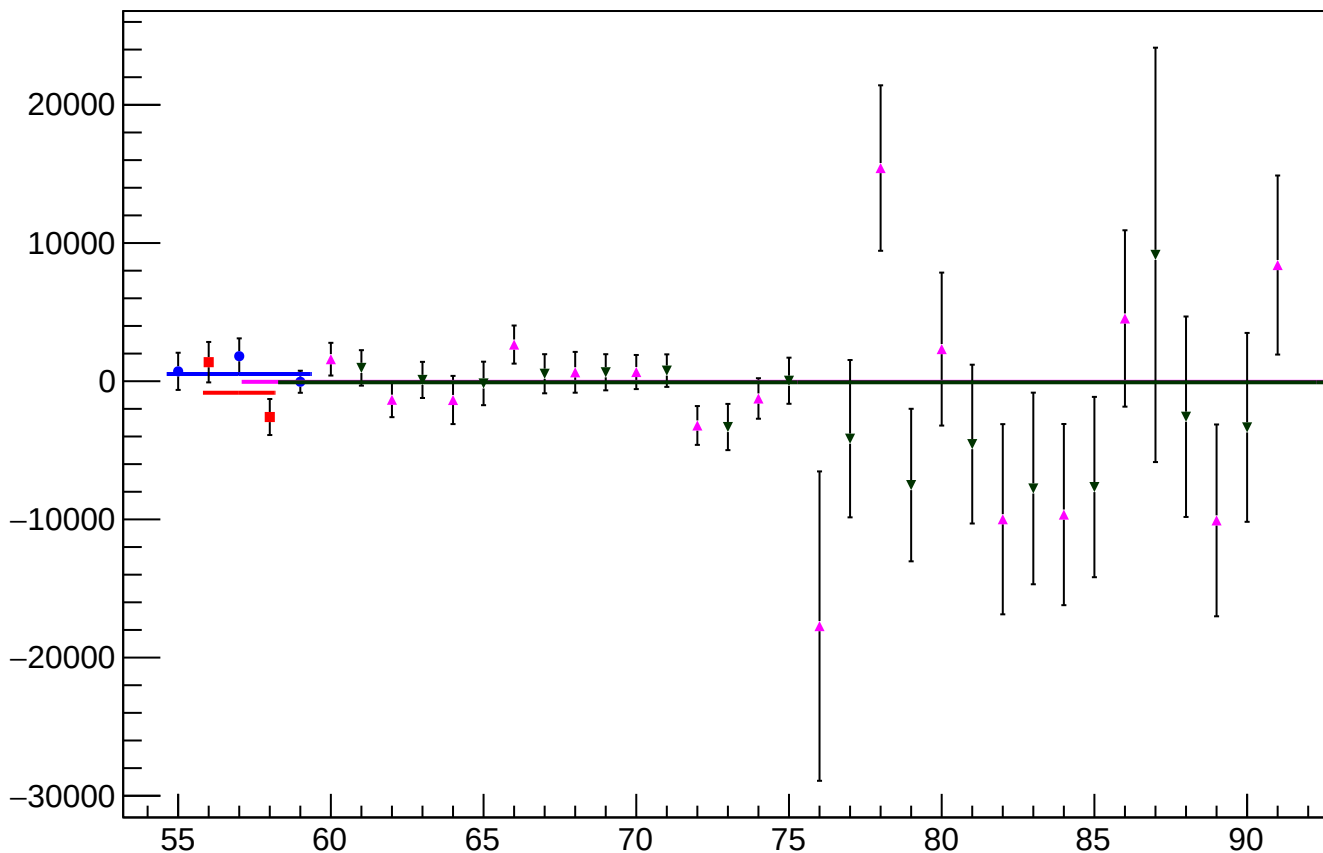
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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: -76.713 ± 482.233 χ^2/NDF : 11.7/15

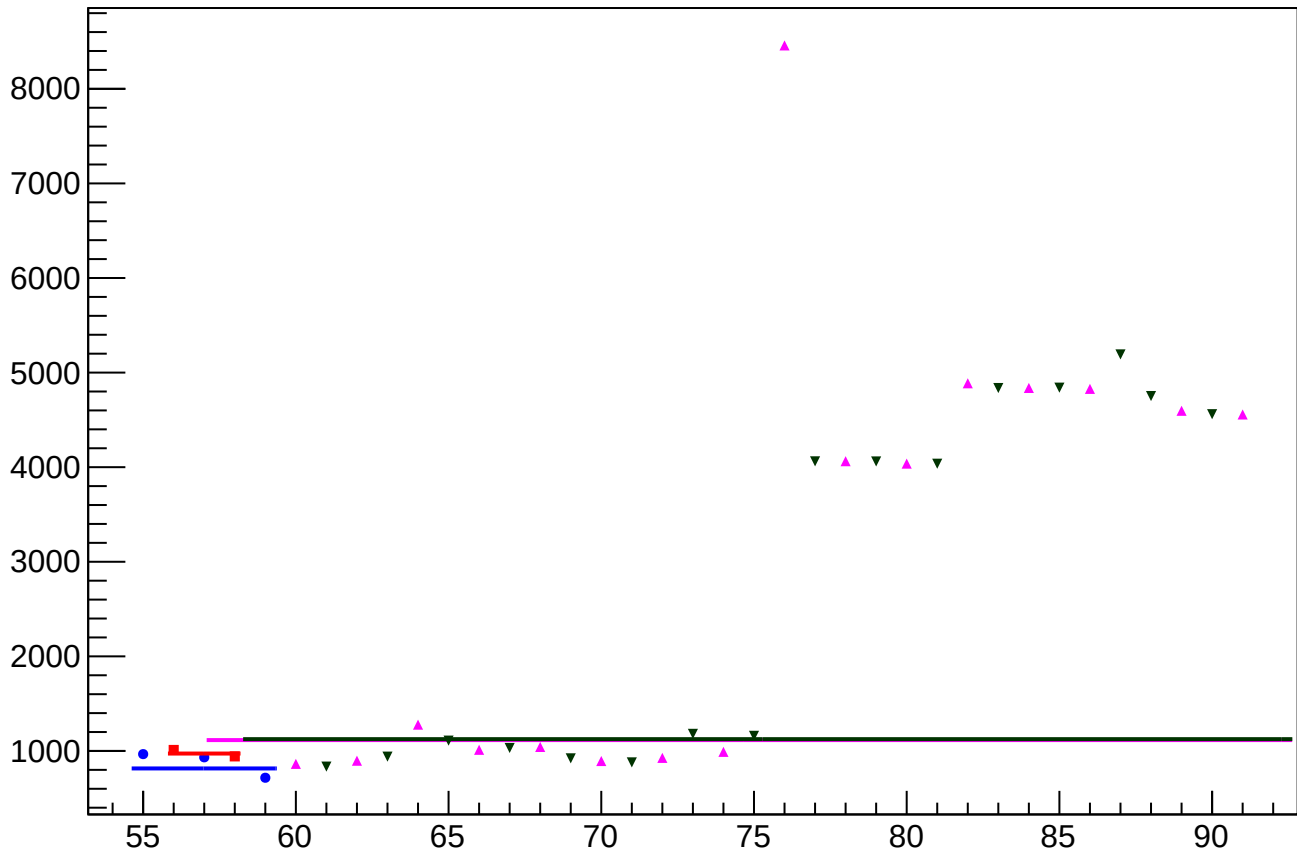
Right Out: -834.380 ± 973.303 χ^2/NDF : 4.1/1

Left In: -44.156 ± 473.140 χ^2/NDF : 31.5/15

155.520 ± 377.309 χ^2/NDF : 13.8/18

-195.201 ± 425.526 χ^2/NDF : 36.2/17

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.008+/-0.428 χ^2/NDF : 72355.1/2

Left Out: 1124.679+/-0.341 χ^2/NDF : 4275771.9/15

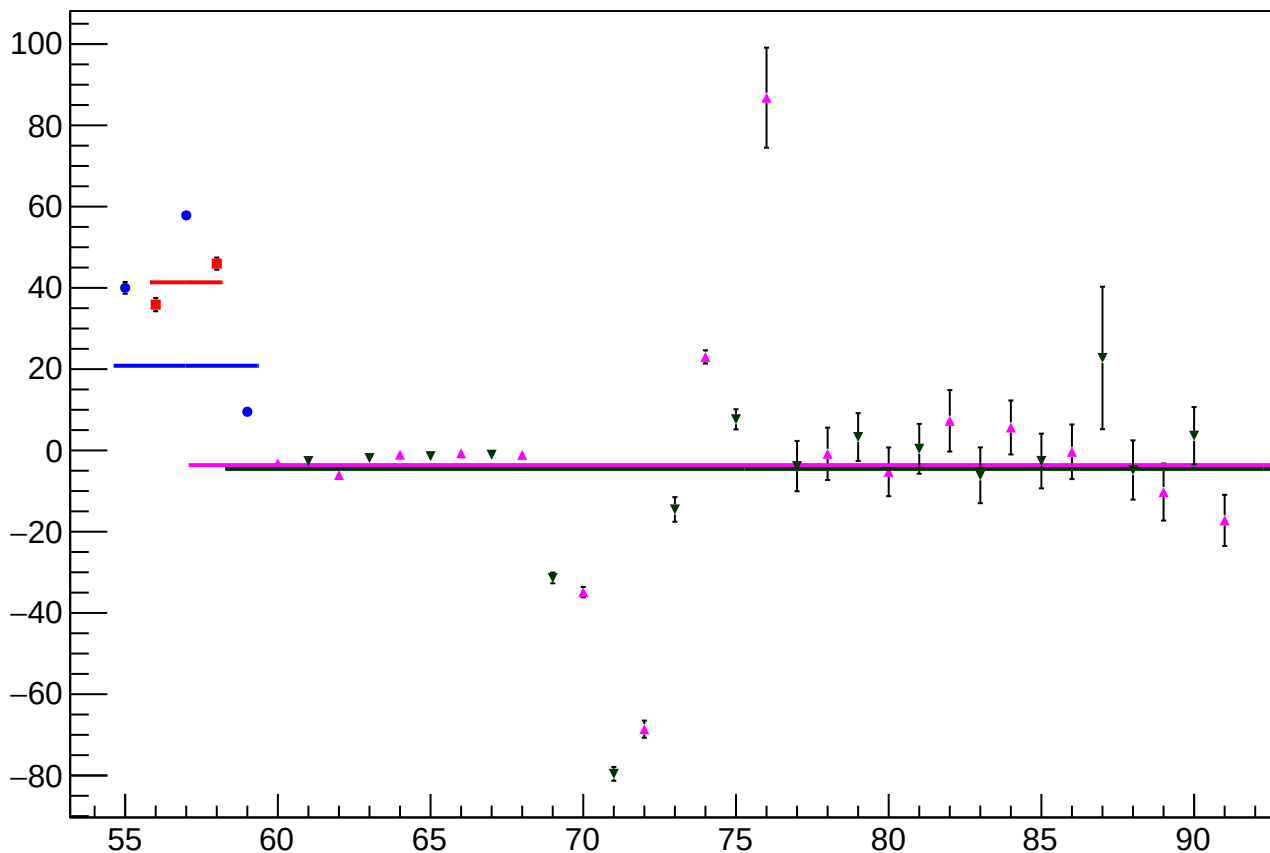
1004.583+/-0.267 χ^2/NDF : 4667976.2/18

Right Out: 972.523+/-0.688 χ^2/NDF : 2404.8/1

1087.559+/-0.301 χ^2/NDF : 5228888.2/17

Left In: 1114.743+/-0.335 χ^2/NDF : 5191942.9/15

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: -4.555+/-0.246 χ^2/NDF : 2504.5/15

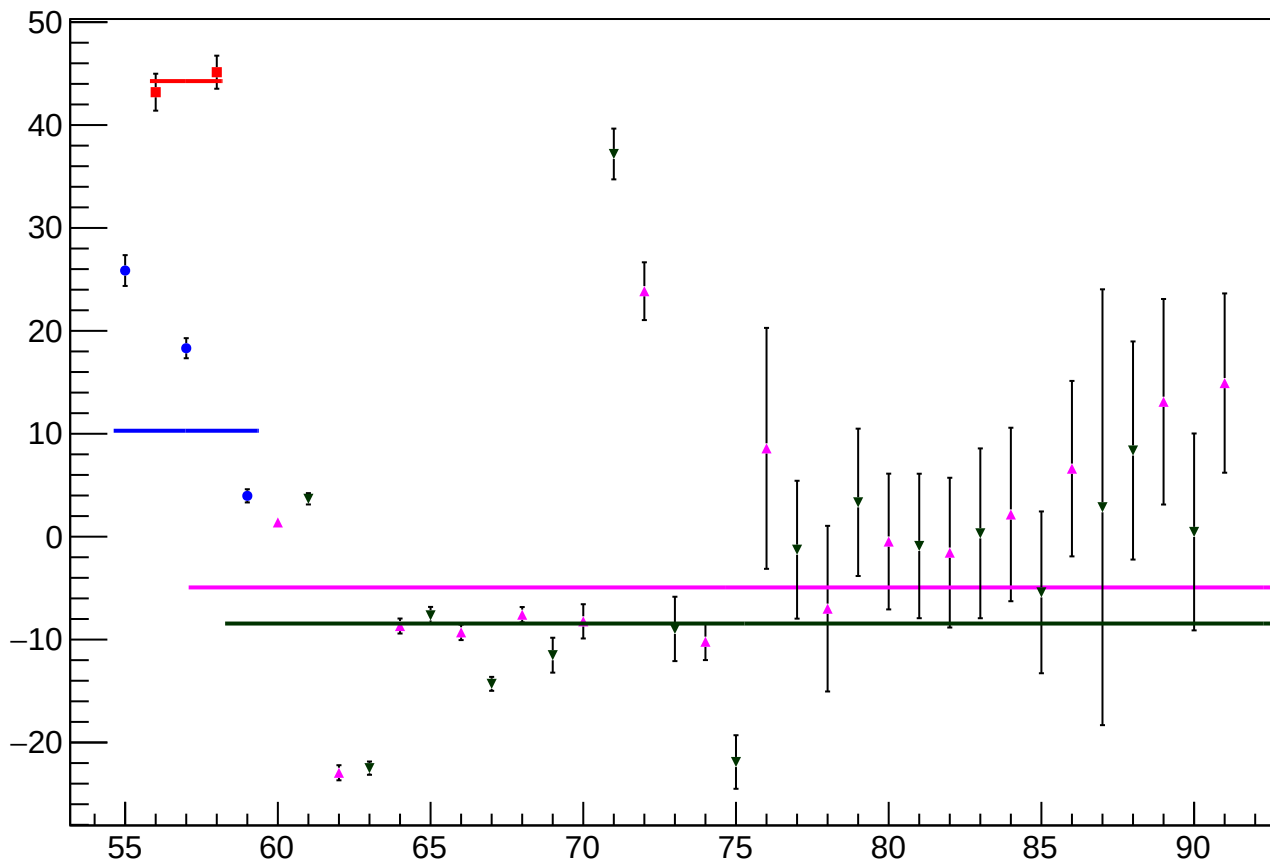
Right Out: 41.366+/-1.106 χ^2/NDF : 20.6/1

Left In: -3.614+/-0.222 χ^2/NDF : 1954.3/15

0.791+/-0.219 χ^2/NDF : 6324.4/18

-1.871+/-0.218 χ^2/NDF : 3563.7/17

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: -8.441+/-0.312 χ^2 /NDF:1417.1/15

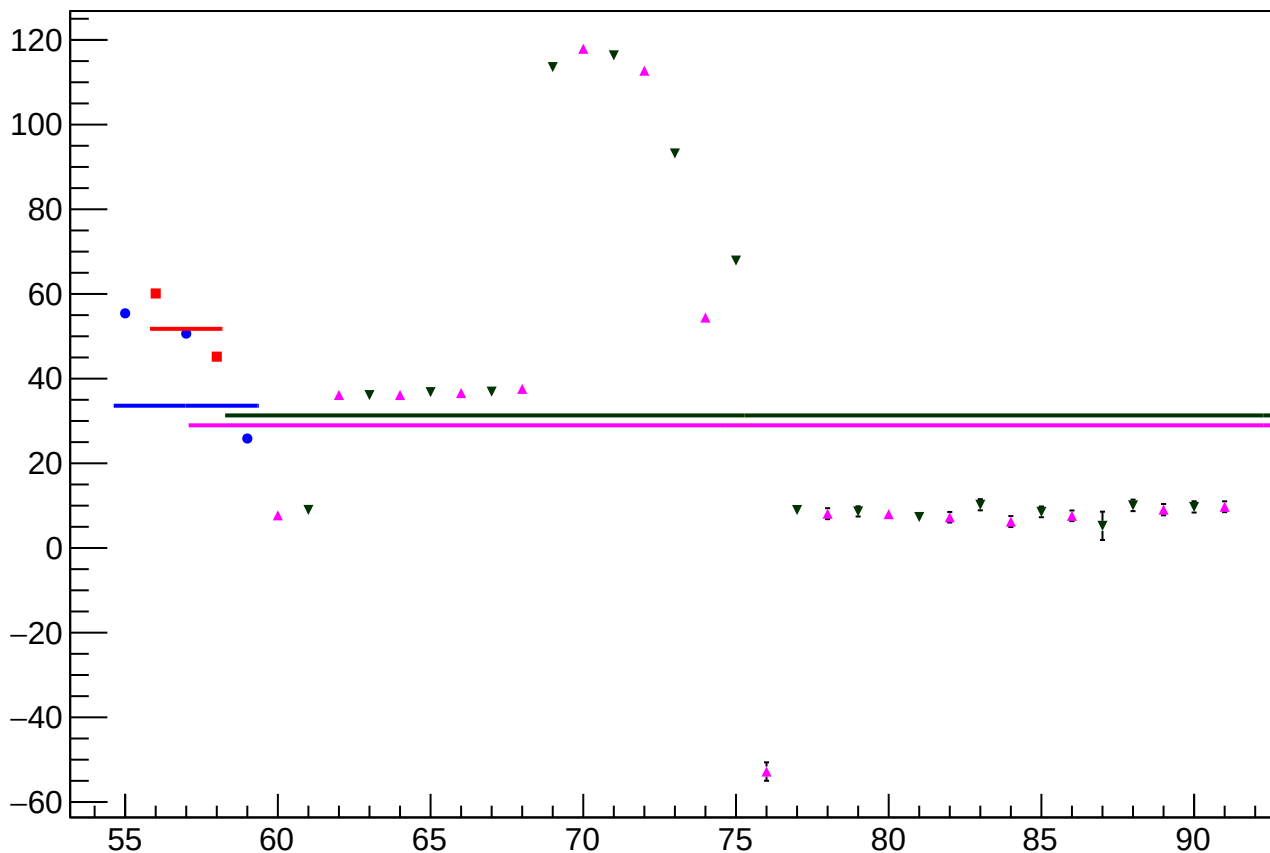
Right Out: 44.271+/-1.197 χ^2 /NDF: 0.7/1

Left In: -4.932+/-0.247 χ^2 /NDF:1129.1/15

-3.250+/-0.266 χ^2 /NDF: 2685.8/18

-2.915+/-0.242 χ^2 /NDF: 2750.2/17

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: 31.312 ± 0.042 χ^2/NDF : 296408.1/15

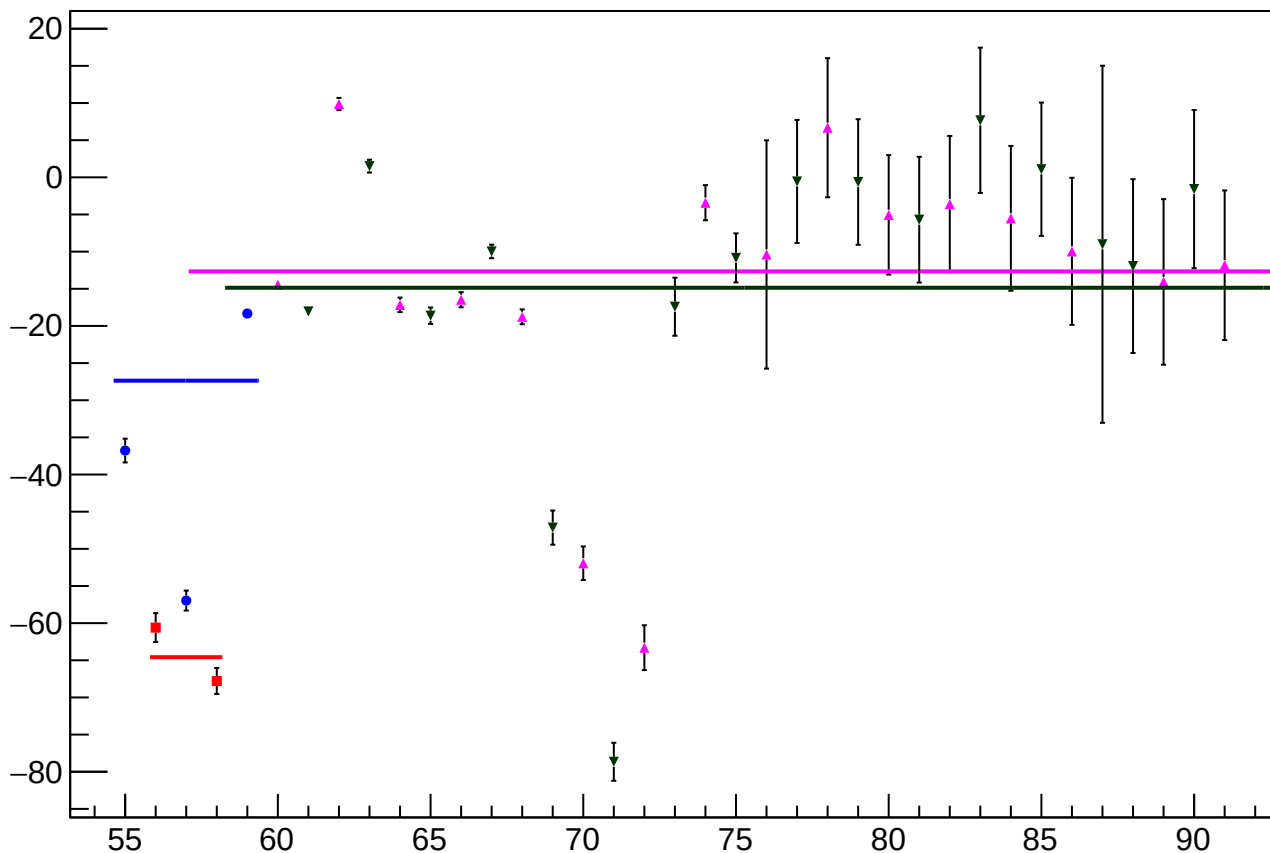
Right Out: 51.766 ± 0.190 χ^2/NDF : 1518.5/1

Left In: 28.974 ± 0.037 χ^2/NDF : 309981.6/15

31.760 ± 0.038 χ^2/NDF : 317233.2/18

29.789 ± 0.036 χ^2/NDF : 325361.2/17

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: -14.861 +/- 0.375 χ^2/NDF : 1267.7/15

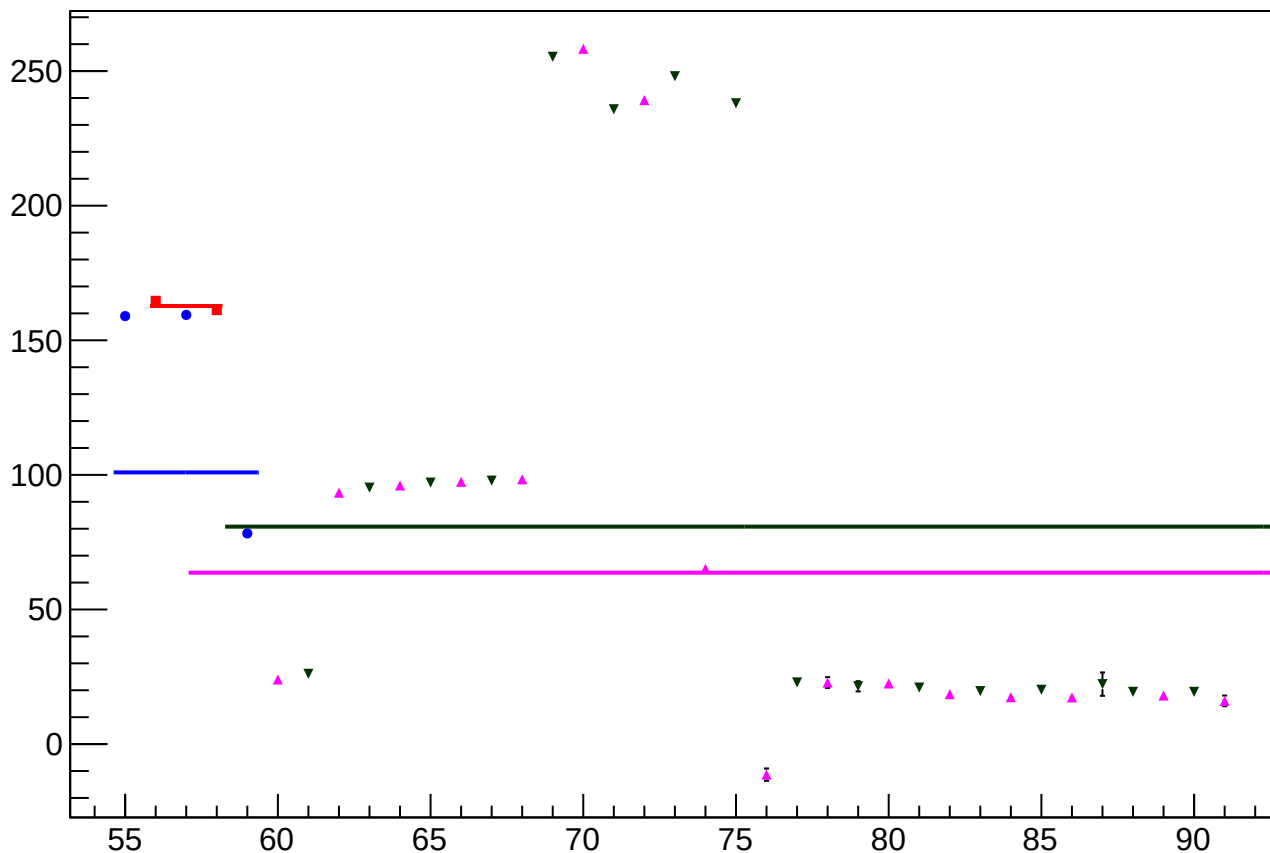
Right Out: -64.582 +/- 1.300 χ^2/NDF : 7.5/1

Left In: -12.658 +/- 0.326 χ^2/NDF : 1443.0/15

-18.718 +/- 0.312 χ^2/NDF : 2313.0/18

-15.728 +/- 0.316 χ^2/NDF : 2951.3/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



Right In: 100.928 $\pm$ 0.107 χ^2/NDF : 114519.7/2

Left Out: 80.780 $\pm$ 0.069 χ^2/NDF : 847386.7/15

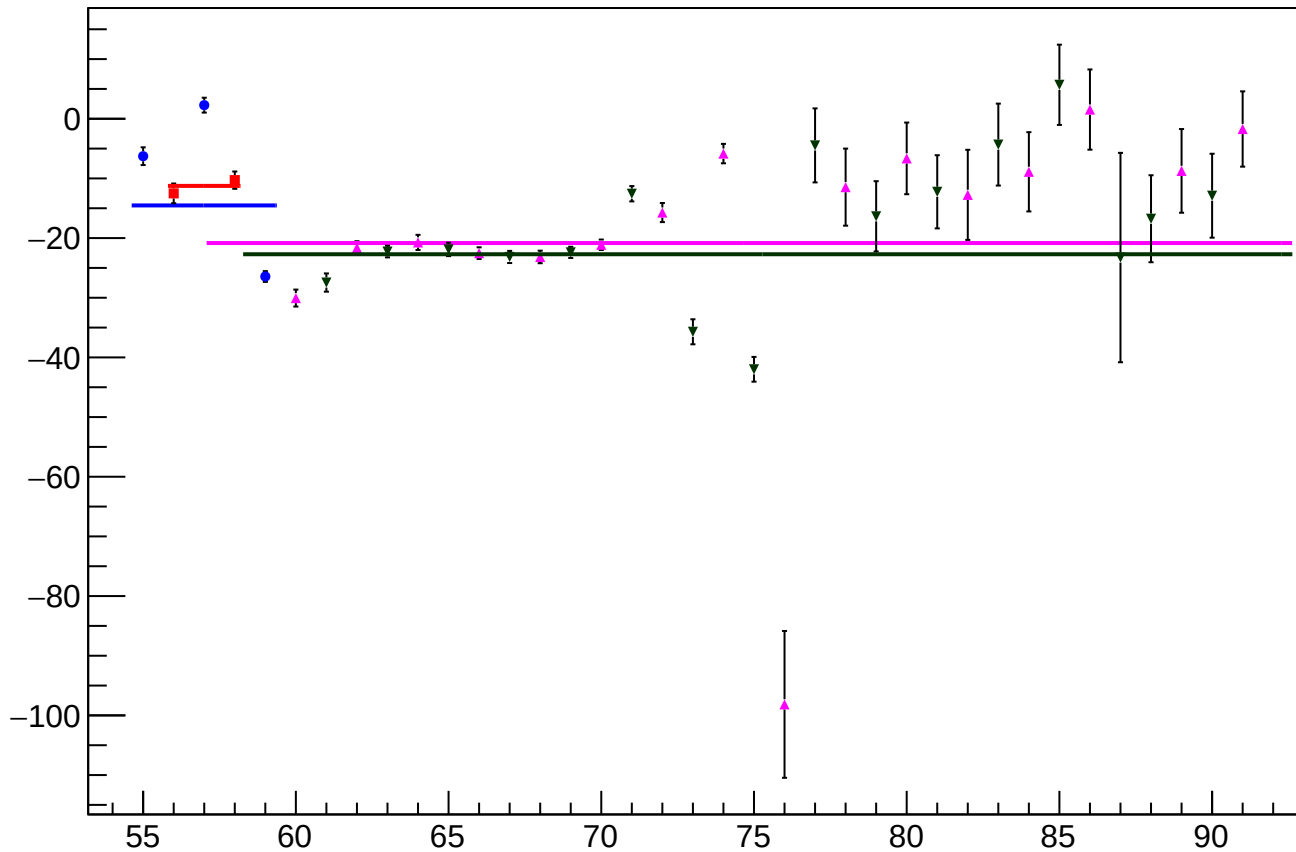
Right Out: 162.734 $\pm$ 0.233 χ^2/NDF : 53.9/1

Left In: 63.670 $\pm$ 0.057 χ^2/NDF : 735374.0/15

86.687 $\pm$ 0.058 χ^2/NDF : 986764.4/18

69.311 $\pm$ 0.055 χ^2/NDF : 906570.1/17

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: -22.708 $\pm$ 0.422 χ^2 /NDF:238.1/15

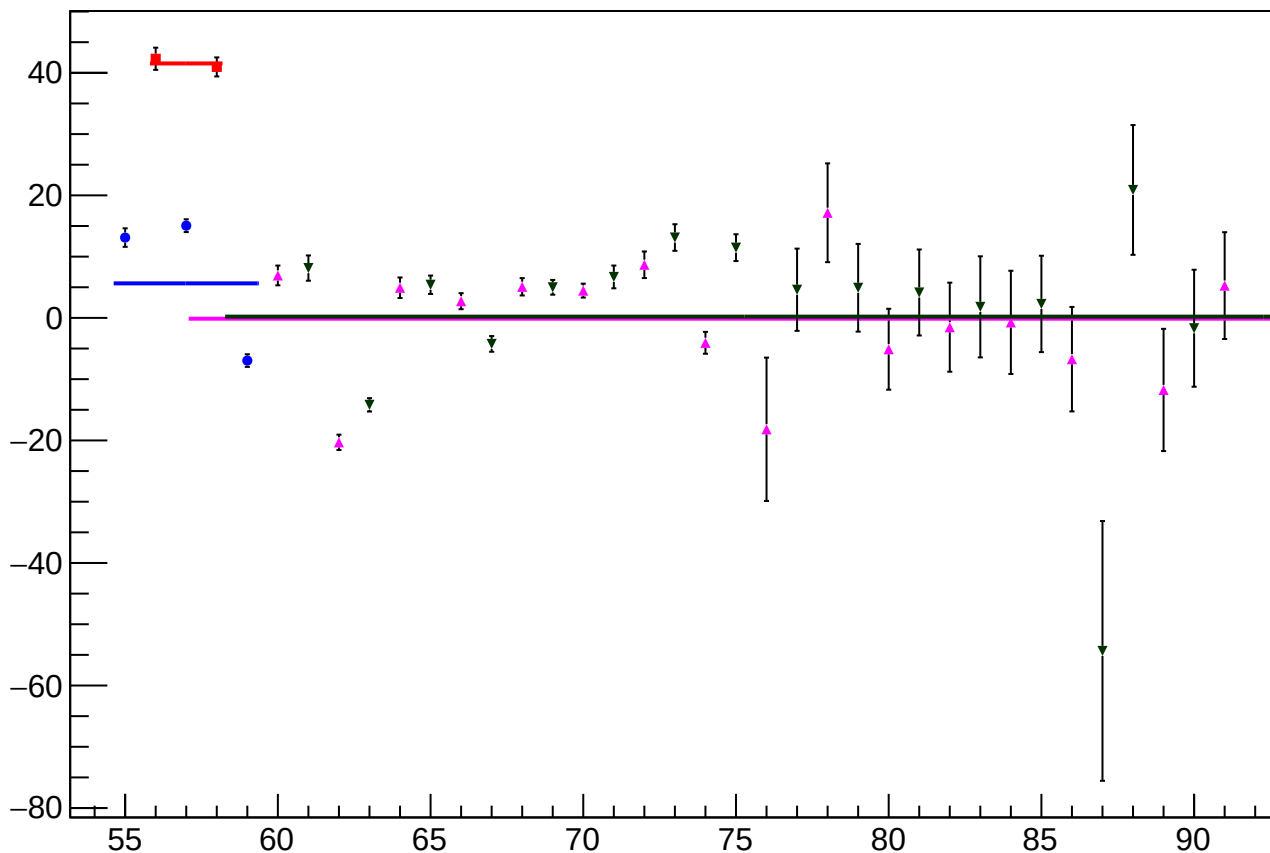
Right Out: -11.252 $\pm$ 1.089 χ^2 /NDF: 1.0/1

Left In: -20.829 $\pm$ 0.405 χ^2 /NDF:220.4/15

-20.318 $\pm$ 0.355 χ^2 /NDF: 733.5/18

-19.667 $\pm$ 0.380 χ^2 /NDF: 289.3/17

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: 0.207 ± 0.524 χ^2/NDF : 314.5/15

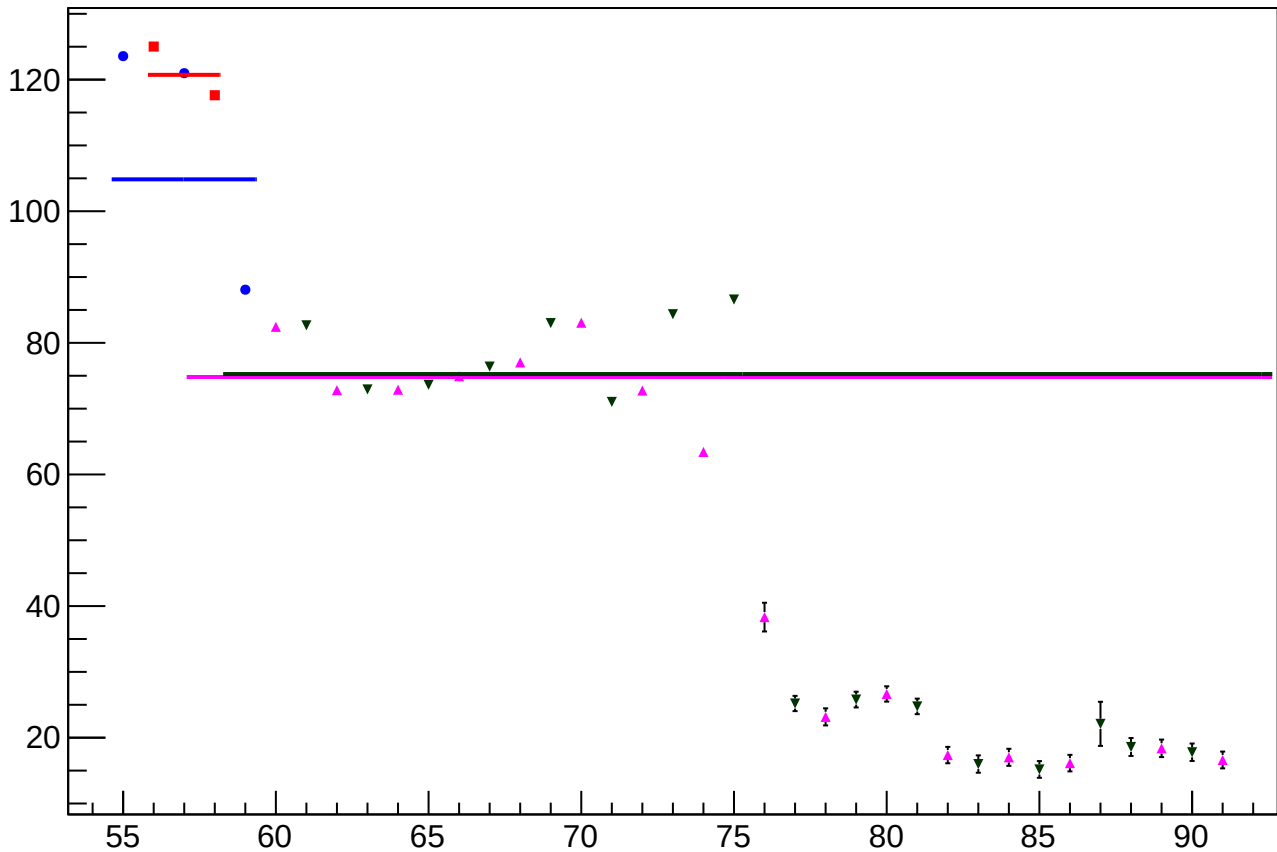
Right Out: 41.529 ± 1.179 χ^2/NDF : 0.3/1

Left In: -0.132 ± 0.508 χ^2/NDF : 353.1/15

2.303 ± 0.411 χ^2/NDF : 610.8/18

6.388 ± 0.466 χ^2/NDF : 1406.9/17

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 104.845 +/- 0.116 χ^2/NDF : 21328.8/2

Left Out: 75.260 +/- 0.075 χ^2/NDF : 17655.7/15

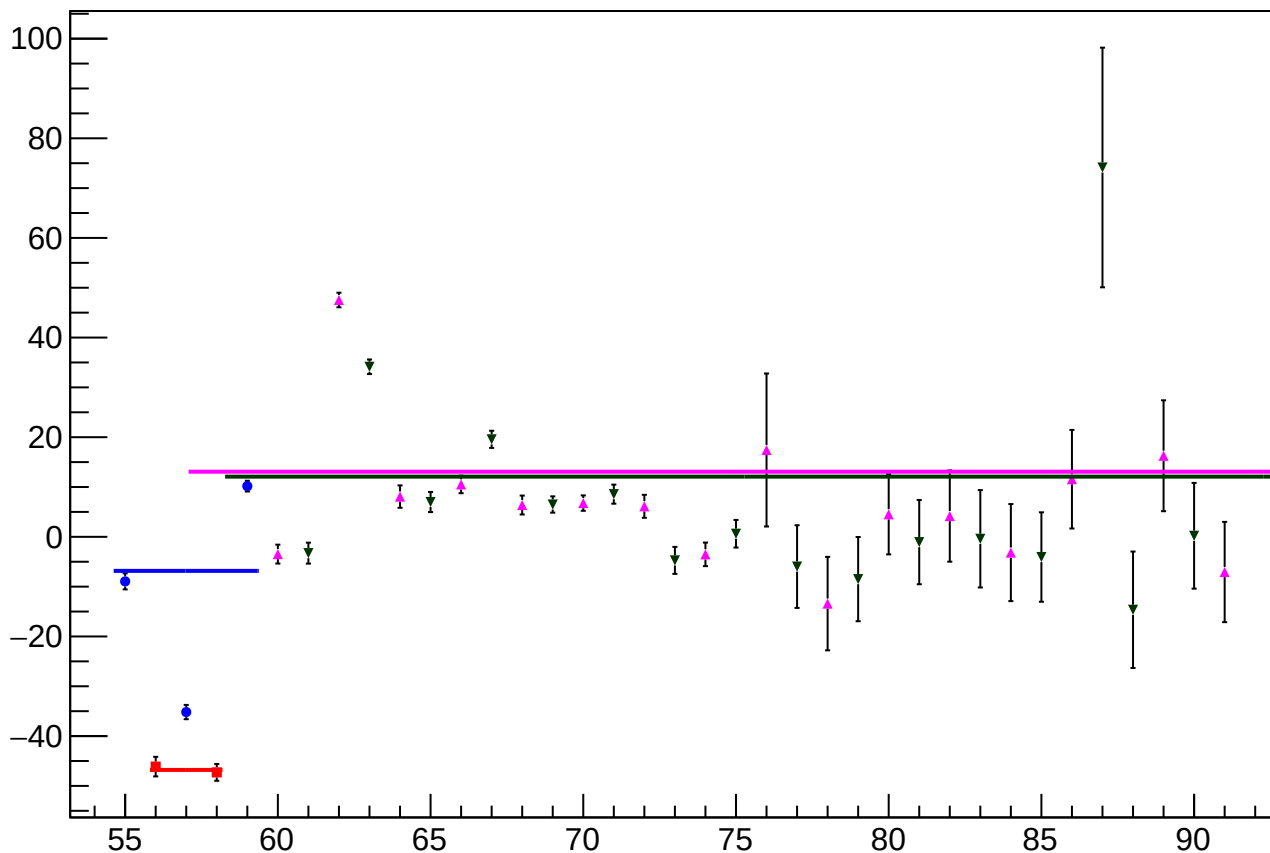
Right Out: 120.727 +/- 0.187 χ^2/NDF : 380.7/1

Left In: 74.810 +/- 0.071 χ^2/NDF : 18172.3/15

83.862 +/- 0.063 χ^2/NDF : 84725.7/18

80.627 +/- 0.067 χ^2/NDF : 71169.1/17

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: 12.081+/-0.664 χ^2/NDF :406.8/15

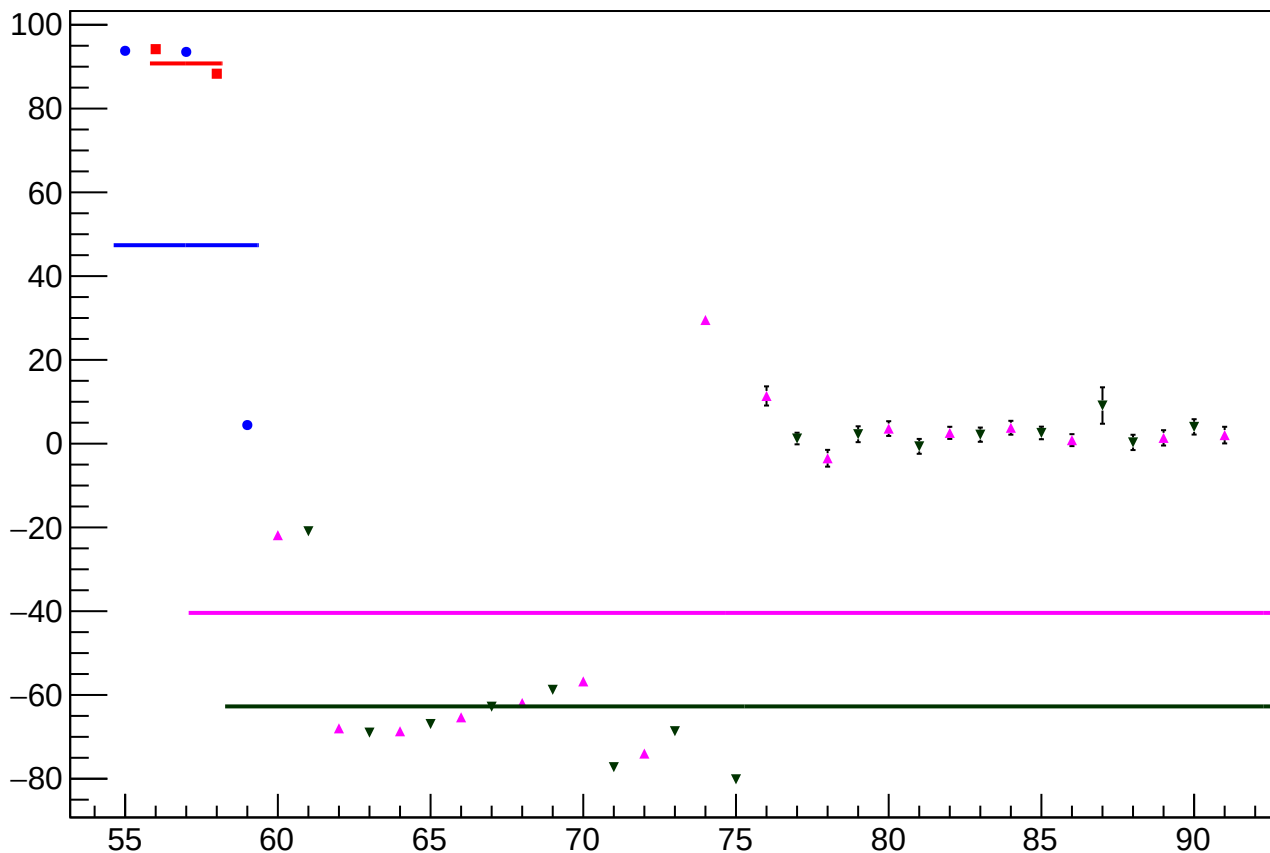
Right Out: -46.793+/-1.280 χ^2/NDF : 0.2/1

Left In: 13.077+/-0.644 χ^2/NDF :741.6/15

3.901+/-0.500 χ^2/NDF : 1399.1/18

0.984+/-0.575 χ^2/NDF : 2486.7/17

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: -62.732+/-0.113 χ^2/NDF : 27531.2/15

Right Out: 90.773+/-0.228 χ^2/NDF : 161.2/1

Left In: -40.407+/-0.109 χ^2/NDF : 123528.5/15

-21.249+/-0.089 χ^2/NDF : 477105.3/18

-16.111+/-0.098 χ^2/NDF : 393925.1/17