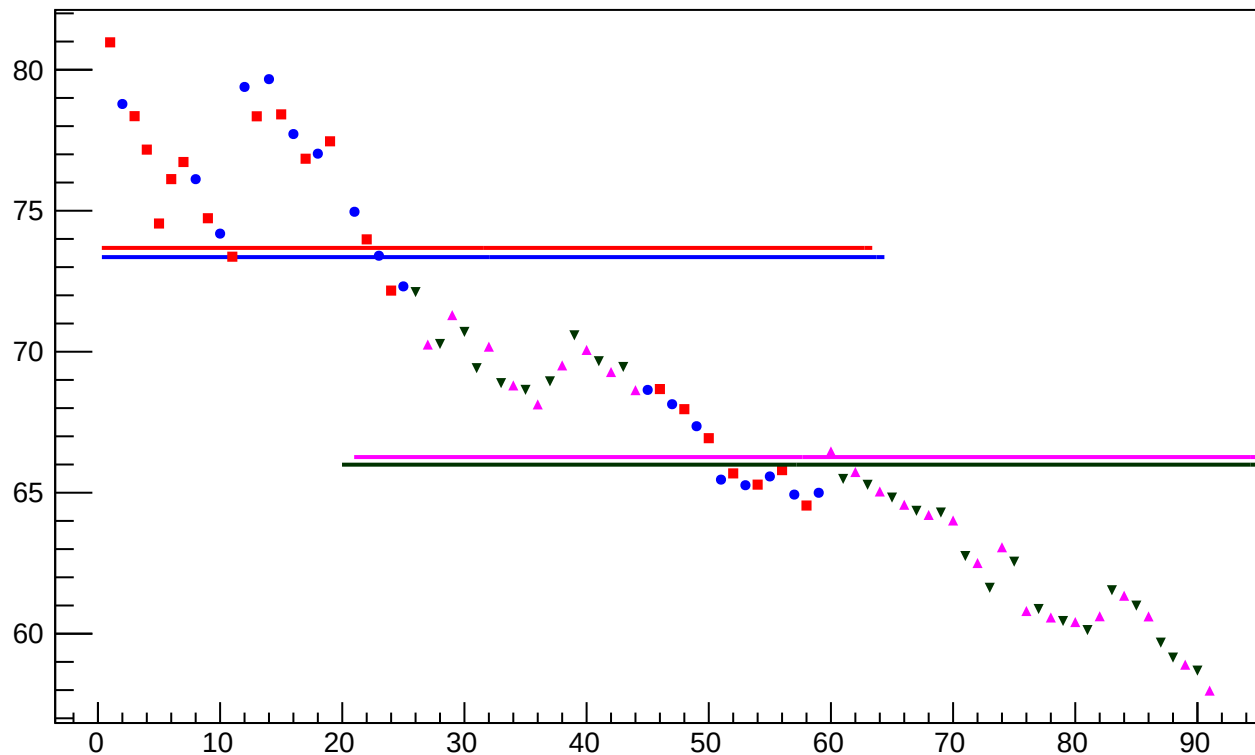


yield_usl_mean vs slug



Right In: 73.355+/-0.000

χ^2/NDF : 14380987675.9/17

Left Out: 65.995+/-0.000

χ^2/NDF : 9229373340.0/25

Right Out: 73.682+/-0.000

χ^2/NDF : 9535699790.1/20

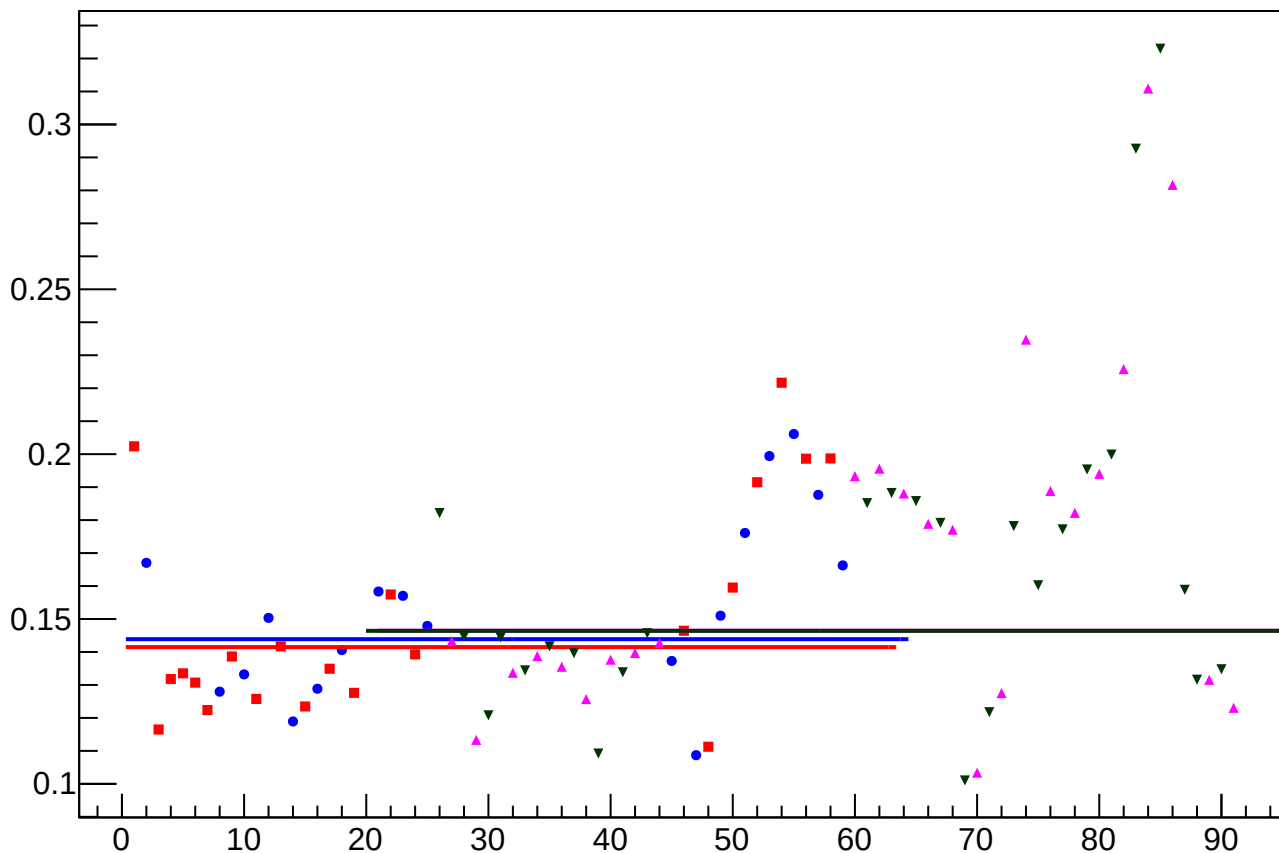
69.586+/-0.000

χ^2/NDF : 72079812611.0/89

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

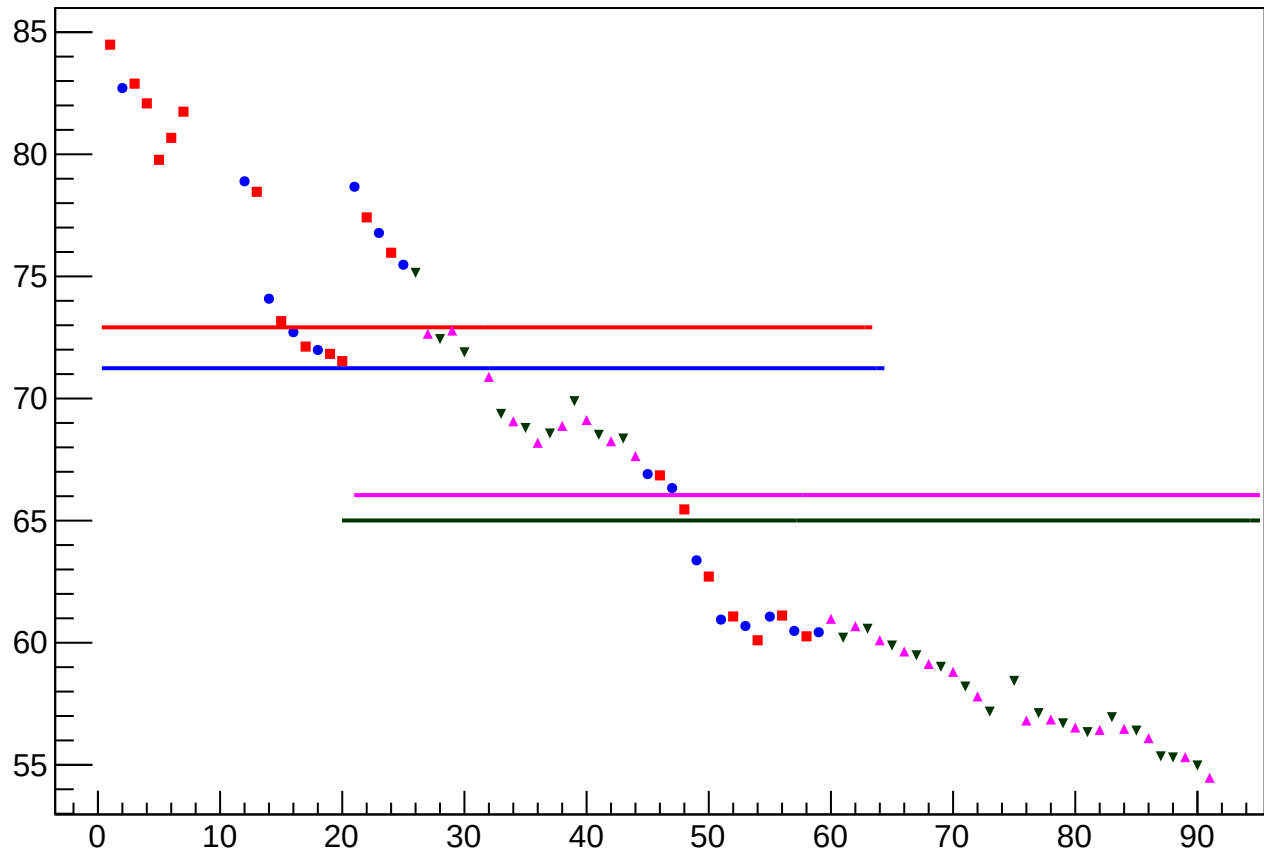
Left Out: 0.146+/-0.000 χ^2/NDF :1379407.6/25

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 : 4217513.6/89

yield_usr_mean vs slug



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

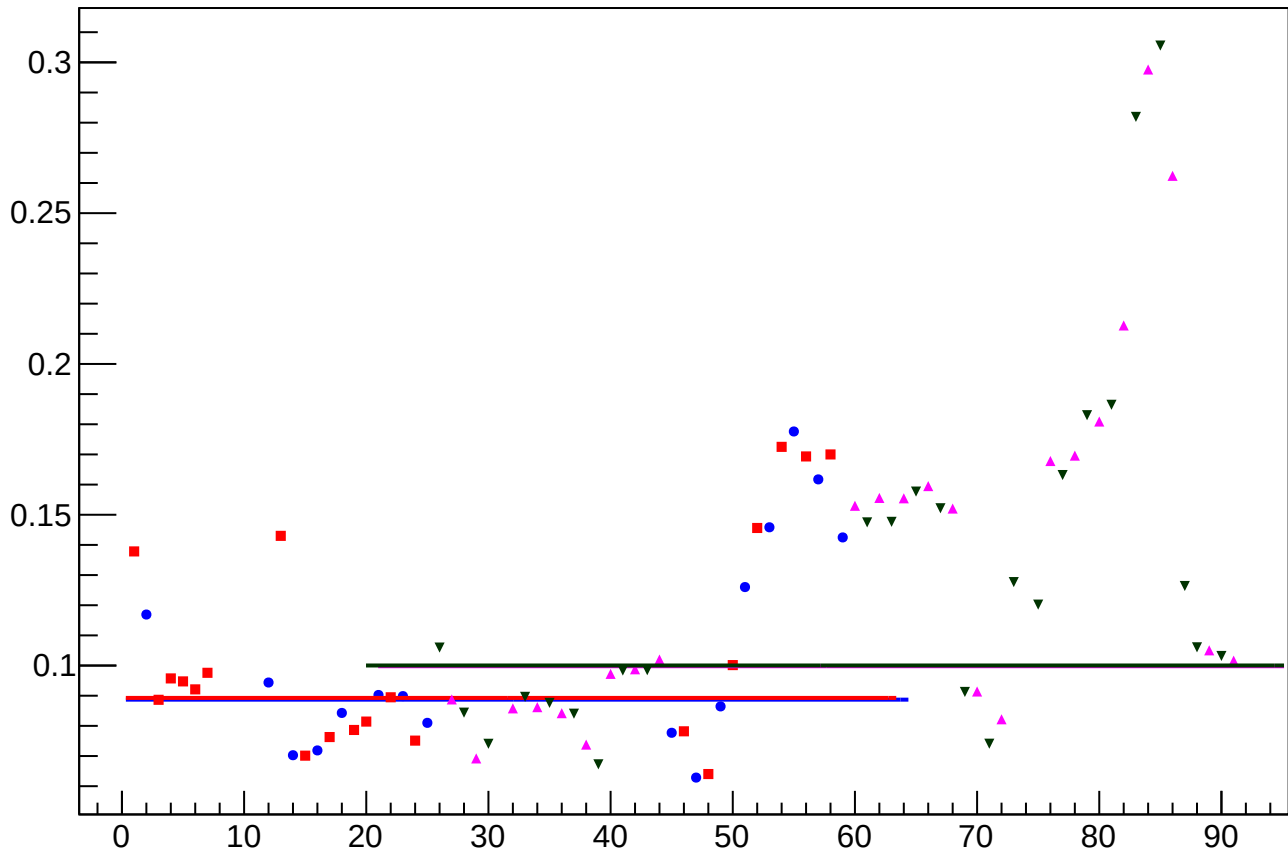
Left Out: 65.006+/-0.000 χ^2/NDF : 43709989176.0/24

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

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

68.699+/-0.000 χ^2/NDF : 222584953494.1/84

yield_usr_rms vs slug



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

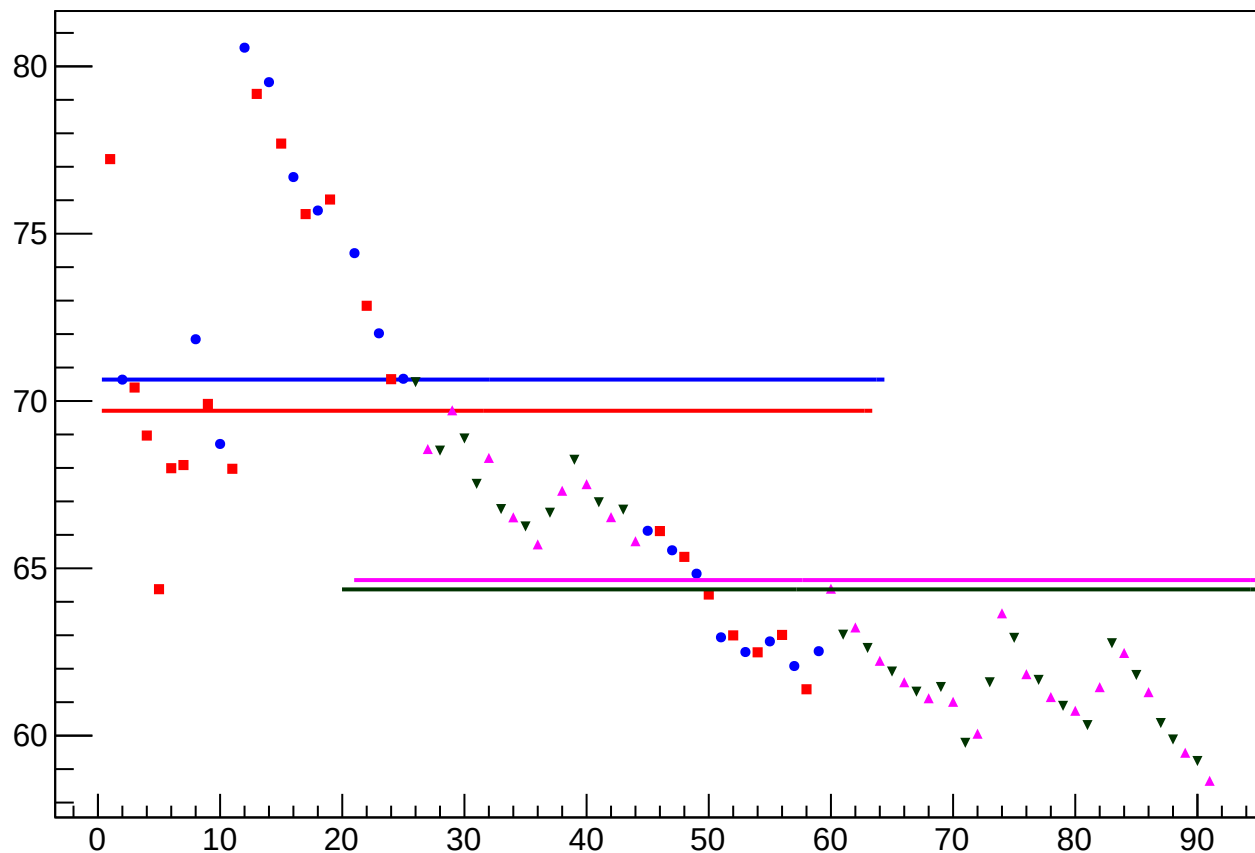
Left Out: 0.100+/-0.000 χ^2/NDF : 2539022.2/24

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

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

0.095+/-0.000 χ^2/NDF : 8342030.1/84

yield_dsl_mean vs slug



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

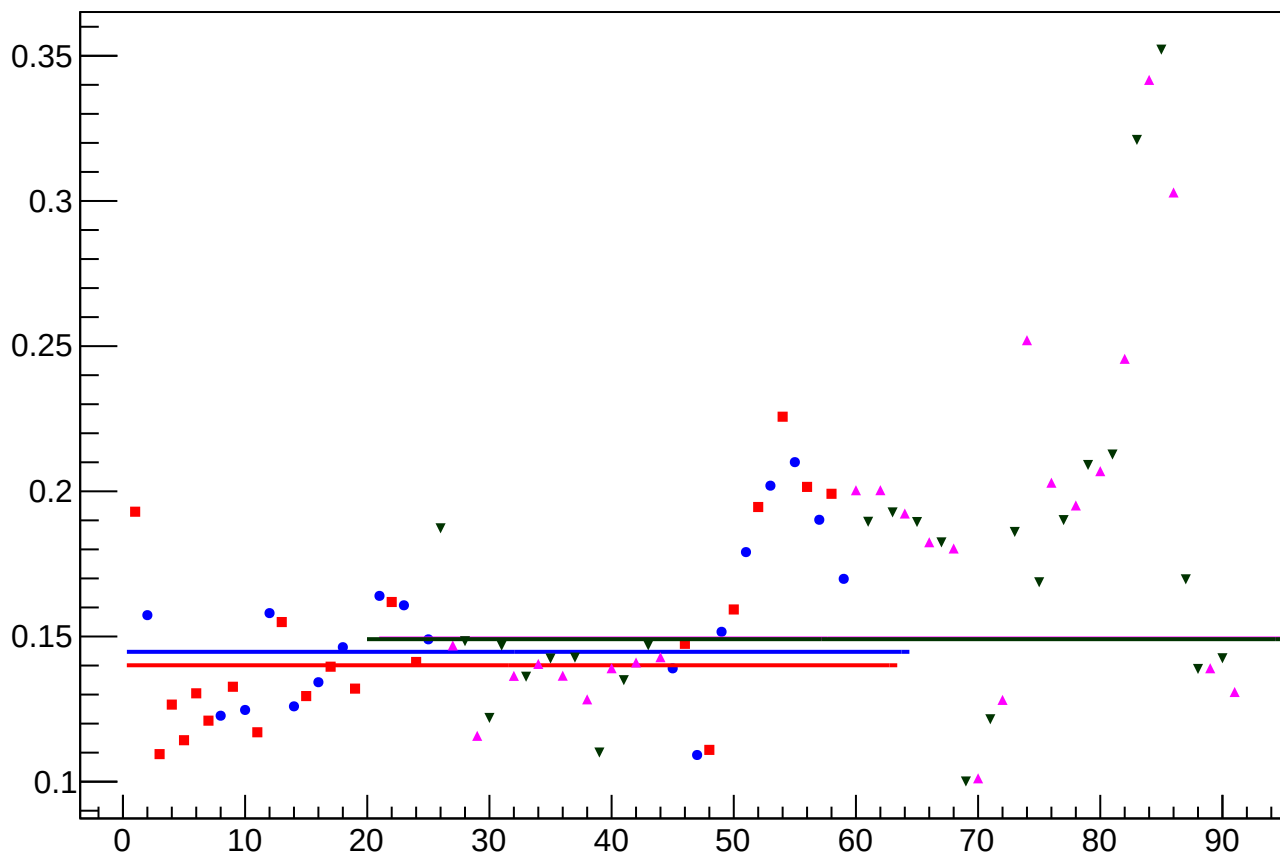
Left Out: 64.370+/-0.000 χ^2/NDF : 6226081534.0/25

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

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

67.235+/-0.000 χ^2/NDF : 57905083501.7/89

yield_dsl_rms vs slug



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

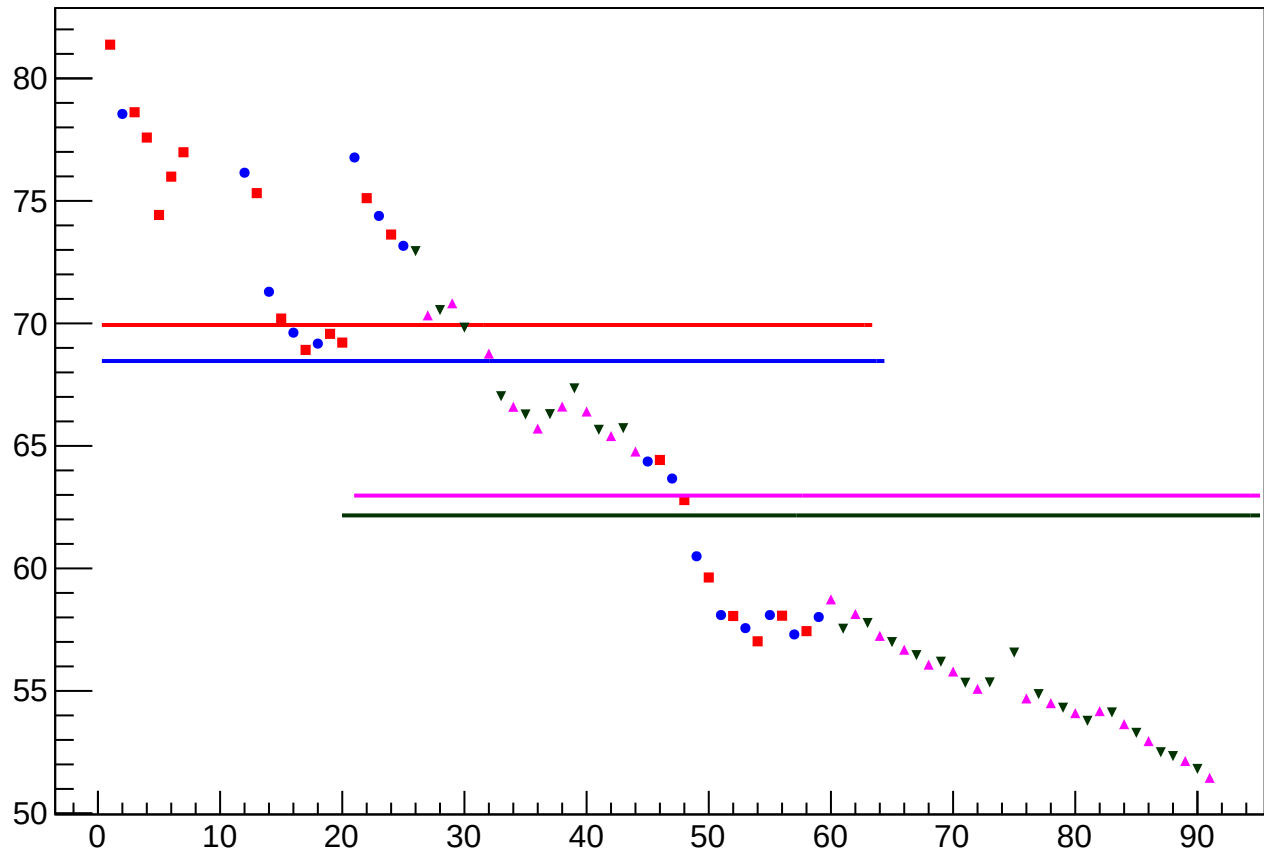
Left Out: 0.149+/-0.000 χ^2/NDF : 1580389.2/25

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

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

0.146+/-0.000 χ^2/NDF : 4782251.2/89

yield_dsr_mean vs slug



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

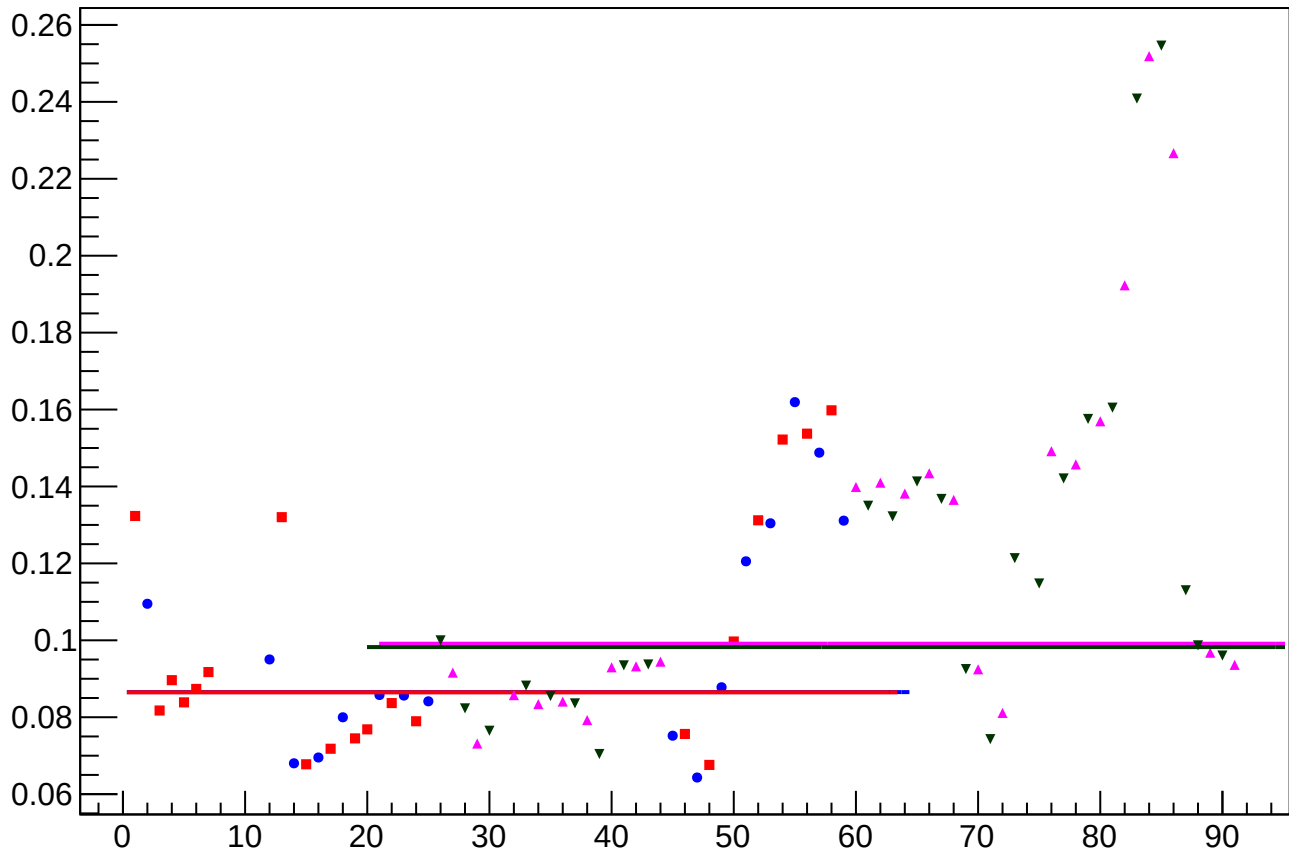
Left Out: 62.164+/-0.000 χ^2/NDF : 50786957590.4/24

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

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

65.805+/-0.000 χ^2/NDF : 243676046292.5/84

yield_dsr_rms vs slug



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

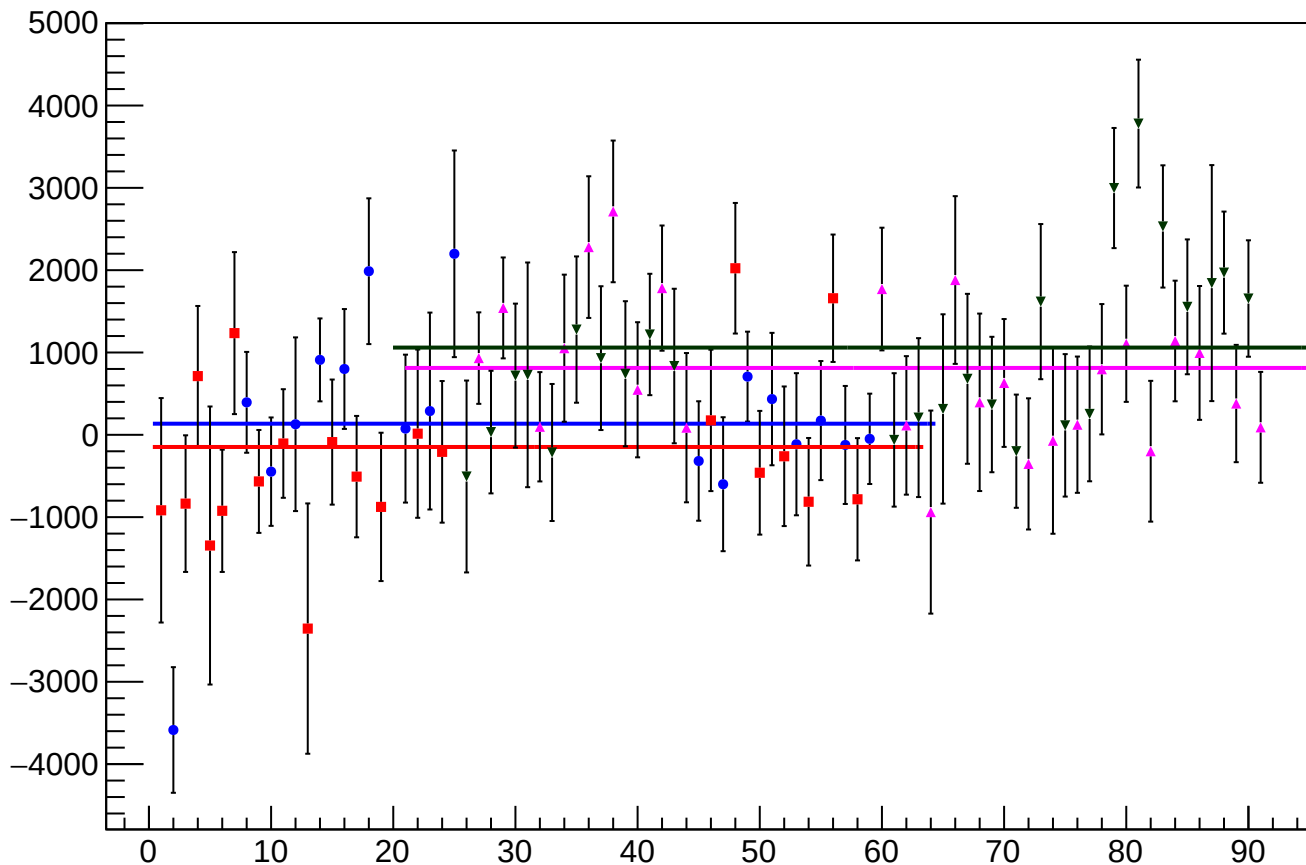
Left Out: 0.098+/-0.000 χ^2/NDF : 1915722.2/24

0.093+/-0.000 χ^2/NDF : 6654999.4/84

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

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

asym_usl_mean vs slug



Right In: 135.111 $\pm$ 171.265 χ^2 /NDF: 37.8/17

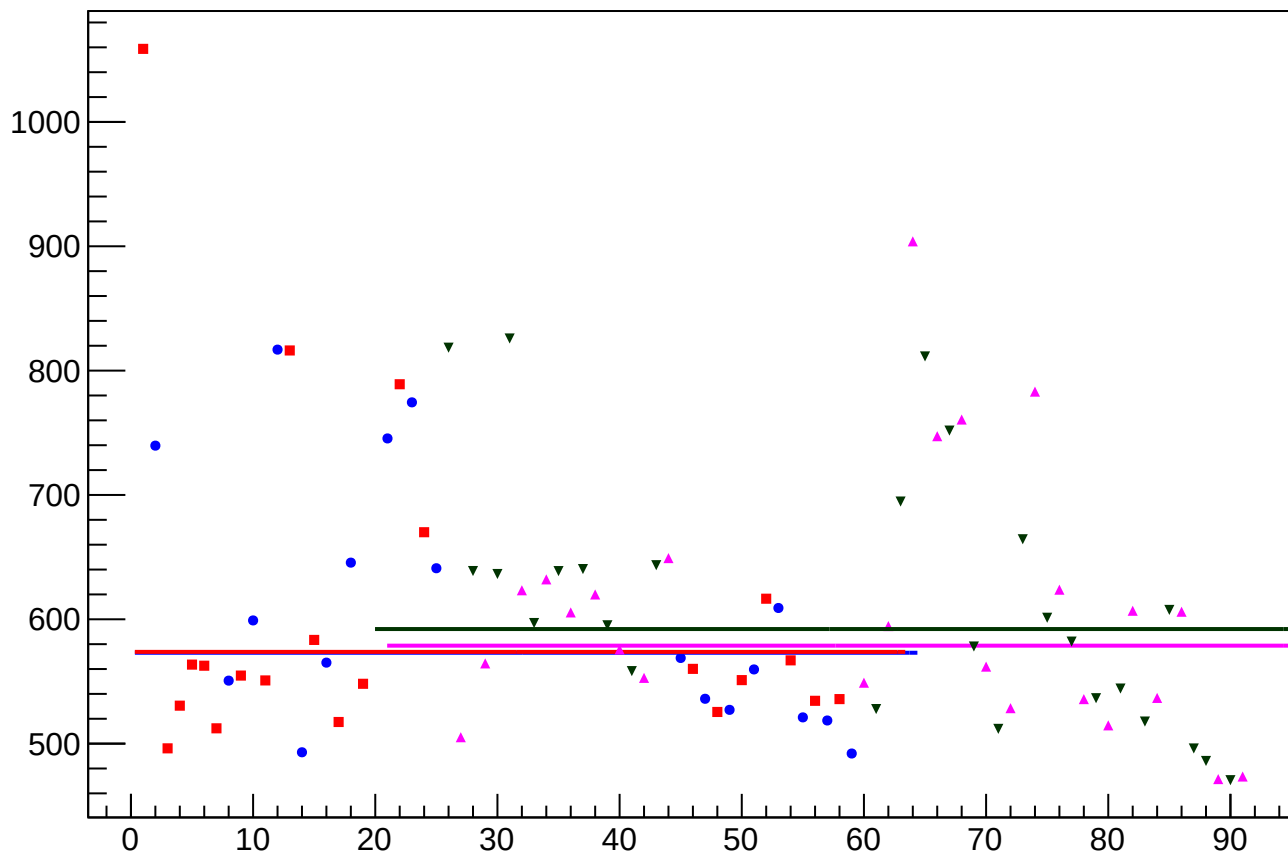
Left Out: 1059.740 $\pm$ 167.477 χ^2 /NDF:42.5/25

Right Out: -147.718 $\pm$ 181.905 χ^2 /NDF: 23.8/20

Left In: 812.442 $\pm$ 157.630 χ^2 /NDF:25.3/24

503.678 $\pm$ 84.451 χ^2 /NDF: 161.8/89

asym_usl_rms vs slug



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

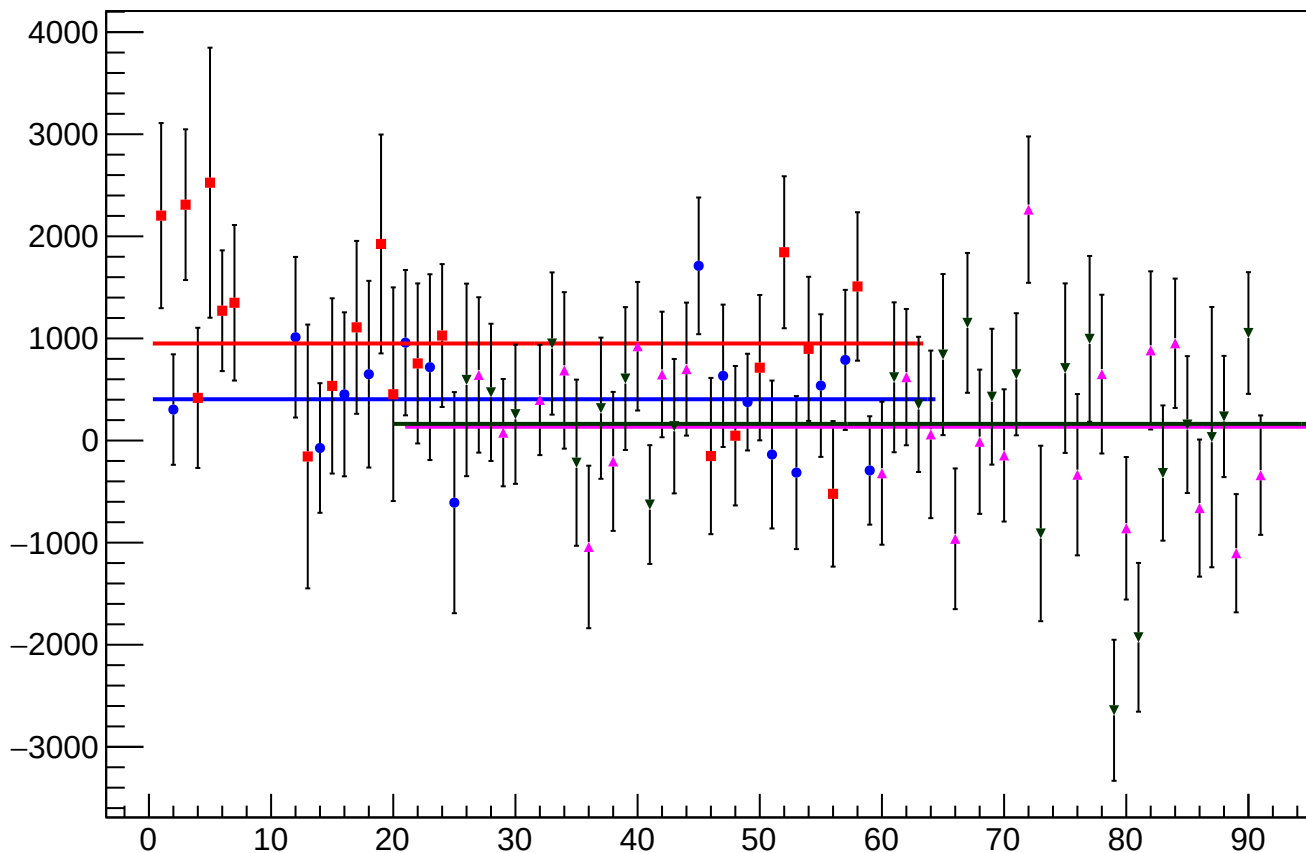
Left Out: 592.159+/-0.118 χ^2/NDF : 513753.8/25

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

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

579.731+/-0.060 χ^2/NDF : 2053734.9/89

asym_usr_mean vs slug



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

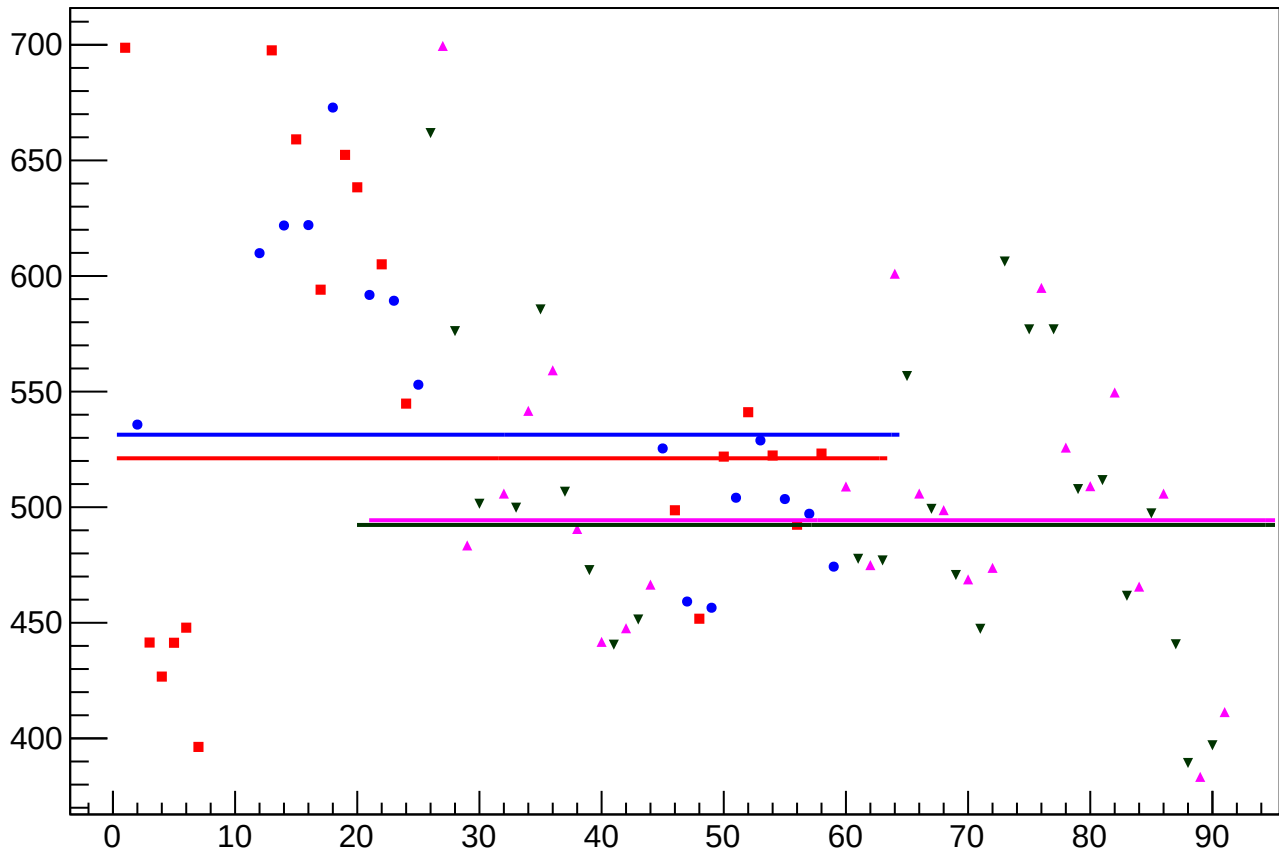
Left Out: 163.229+/-140.772 χ^2/NDF : 38.9/24

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

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

353.186+/-76.453 χ^2/NDF : 116.9/84

asym_usr_rms vs slug



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

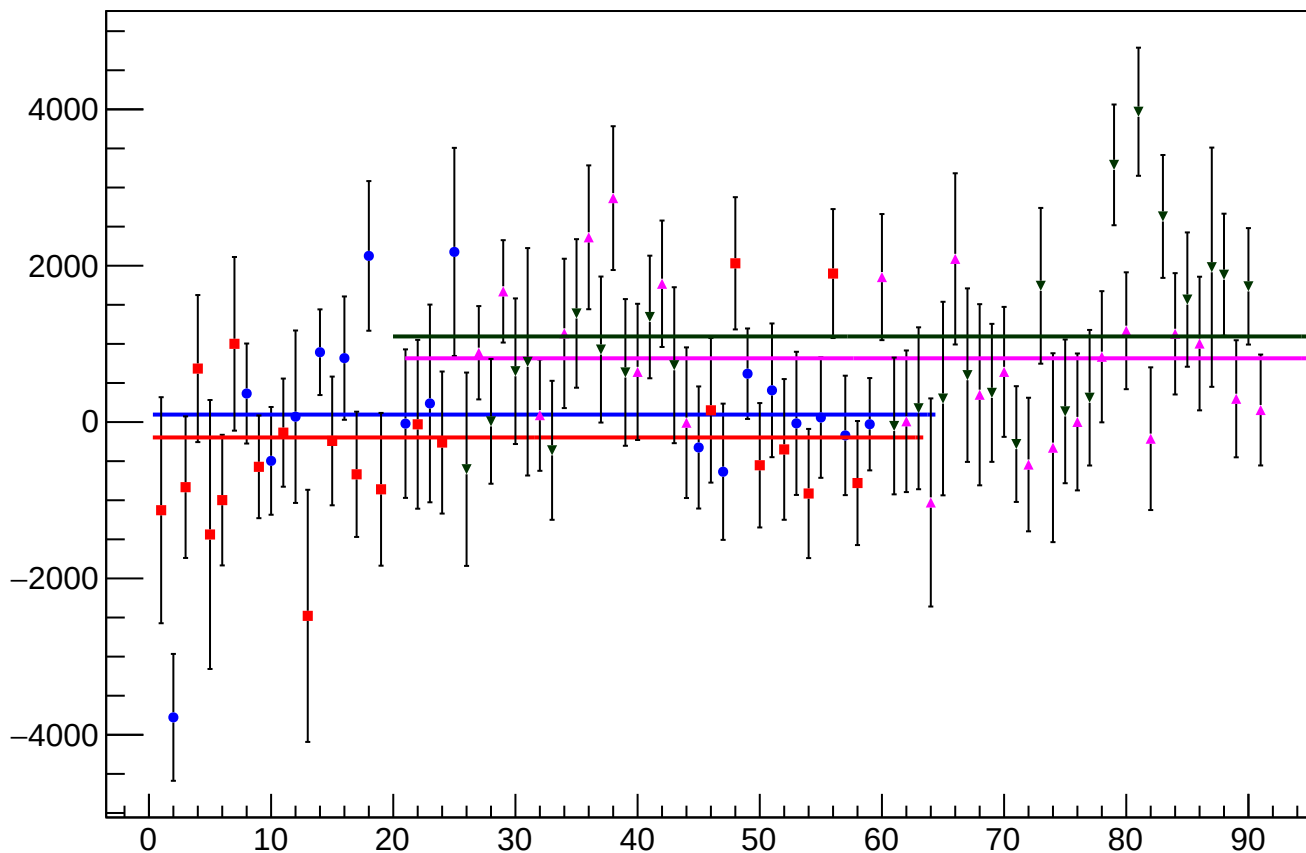
Left Out: 492.321+/-0.100 χ^2/NDF : 376461.5/24

506.318+/-0.054 χ^2/NDF : 1577243.6/84

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

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

asym_dsl_mean vs slug



Right In: 95.824 $\pm$ 182.616 χ^2 /NDF: 35.7/17

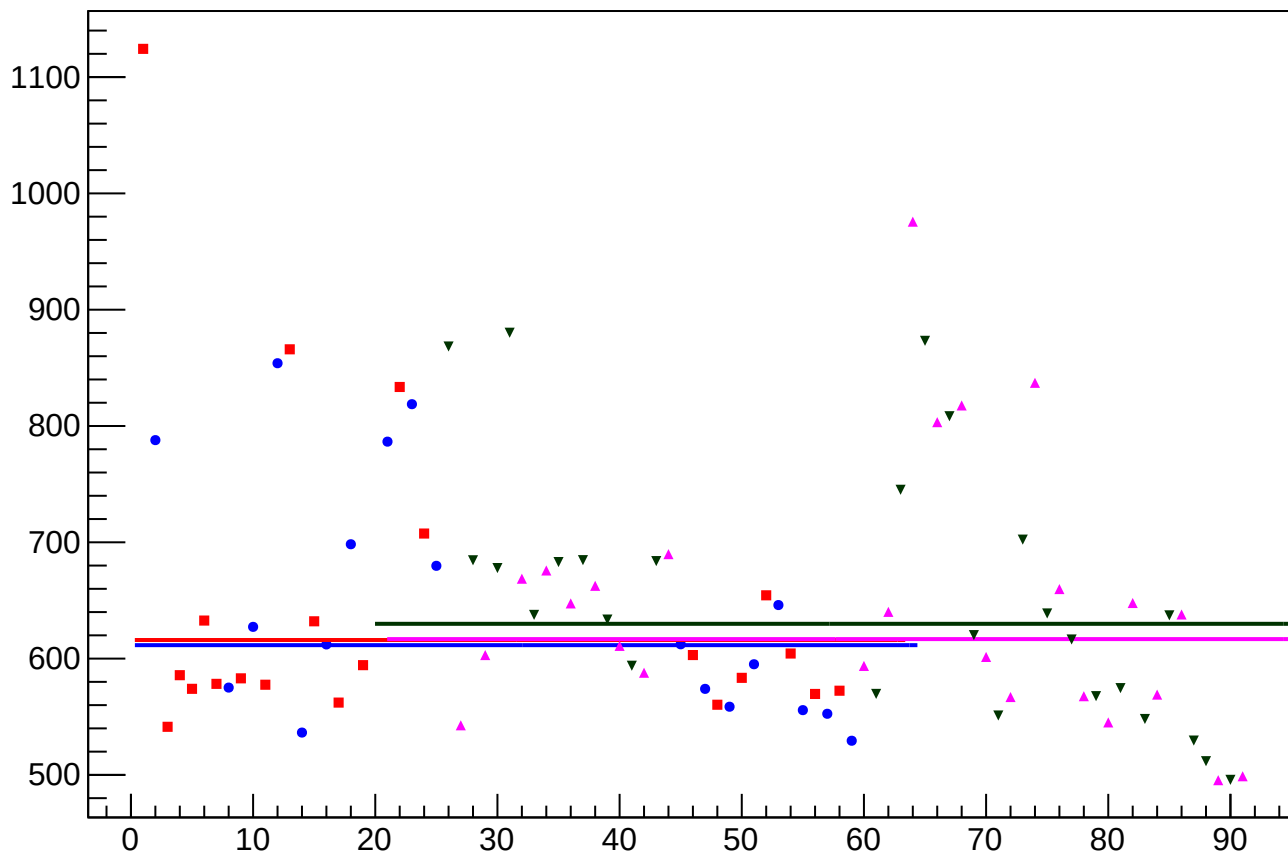
Left Out: 1095.249 $\pm$ 178.224 χ^2 /NDF: 43.5/25

Right Out: -196.662 $\pm$ 195.140 χ^2 /NDF: 22.6/20

Left In: 815.727 $\pm$ 168.034 χ^2 /NDF: 26.1/24

495.997 $\pm$ 90.114 χ^2 /NDF: 160.3/89

asym_dsl_rms vs slug



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

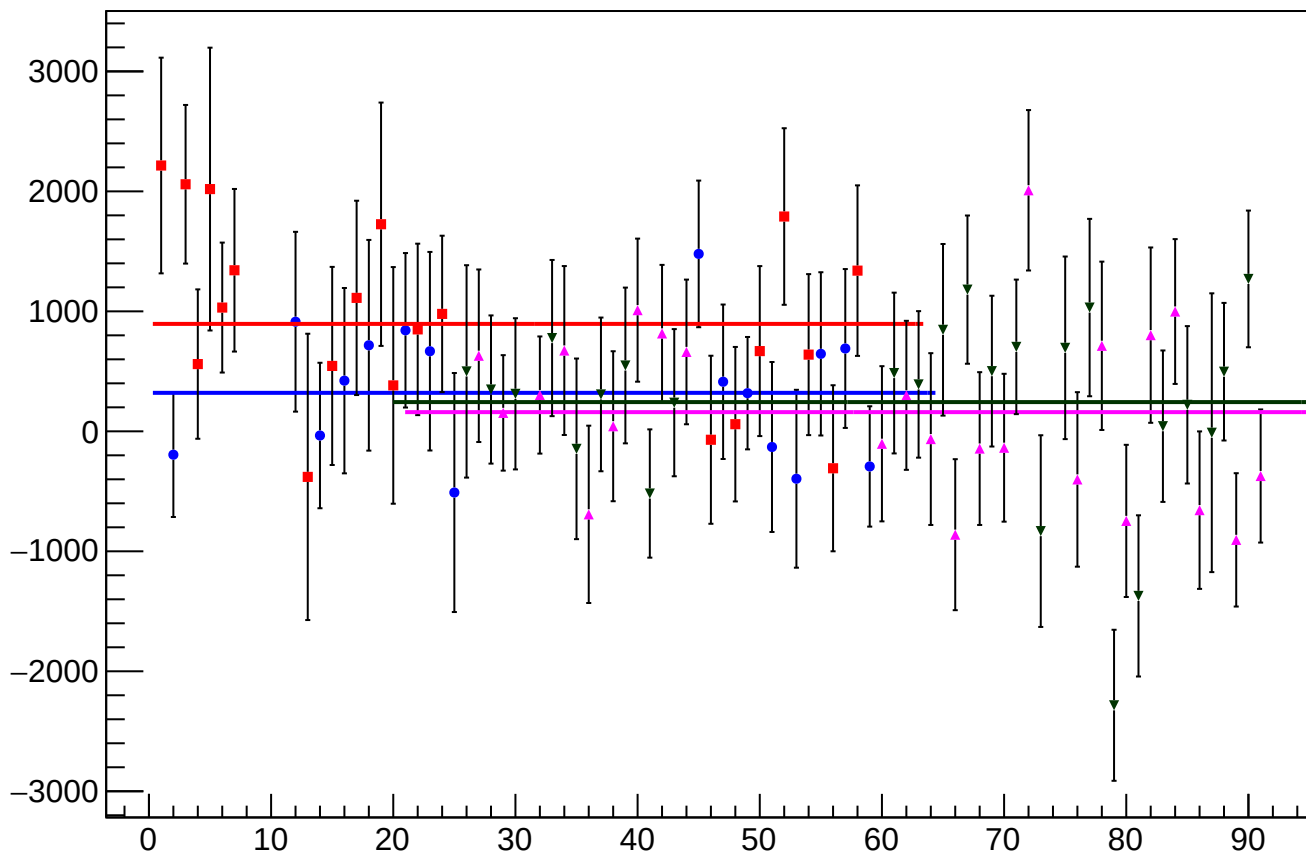
Left Out: 629.917+/-0.126 χ^2/NDF : 532248.5/25

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

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

618.697+/-0.064 χ^2/NDF : 2036996.1/89

asym_dsr_mean vs slug



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

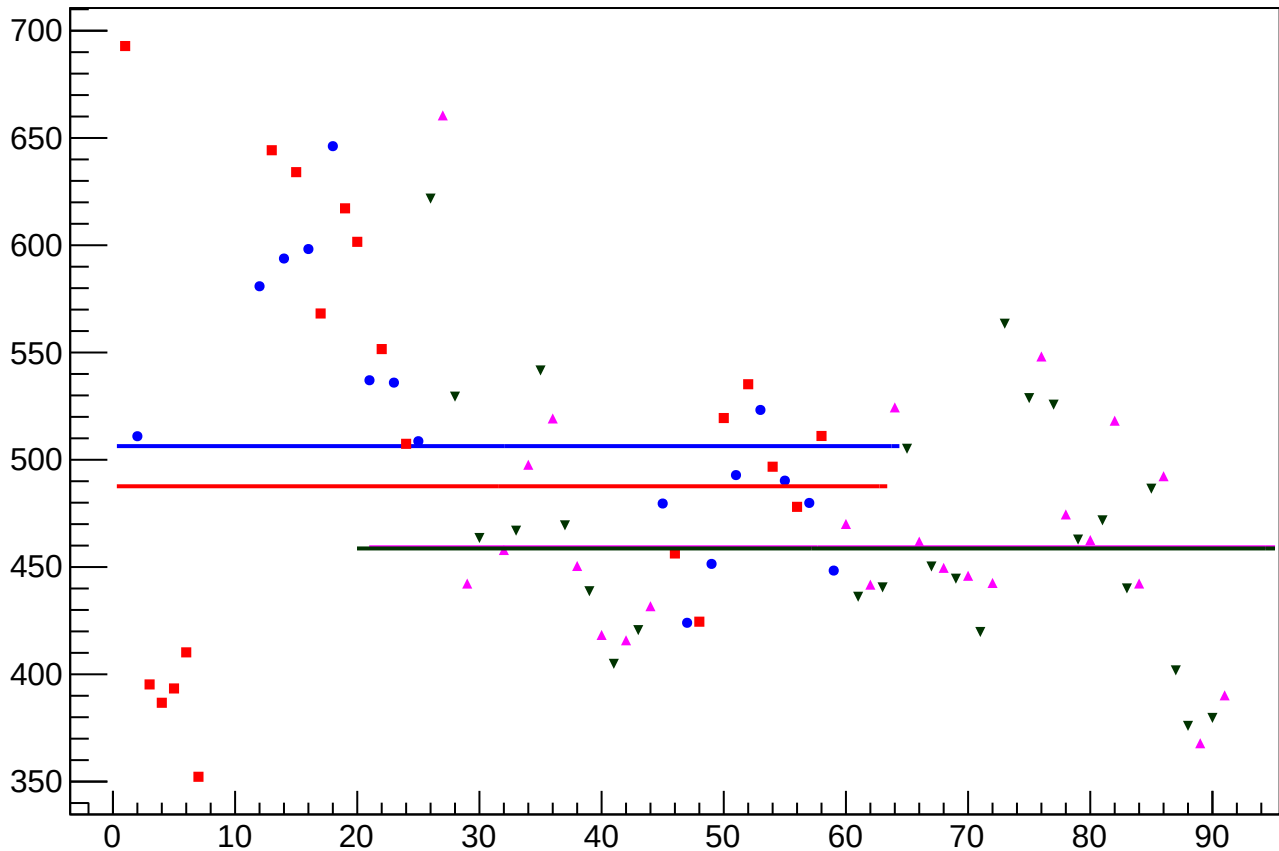
Left Out: 243.674 ± 131.001 χ^2/NDF : 36.2/24

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

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

355.461 ± 71.550 χ^2/NDF : 108.4/84

asym_dsr_rms vs slug



Right In: 506.369 $\pm$ 0.115 χ^2 /NDF: 244545.6/15

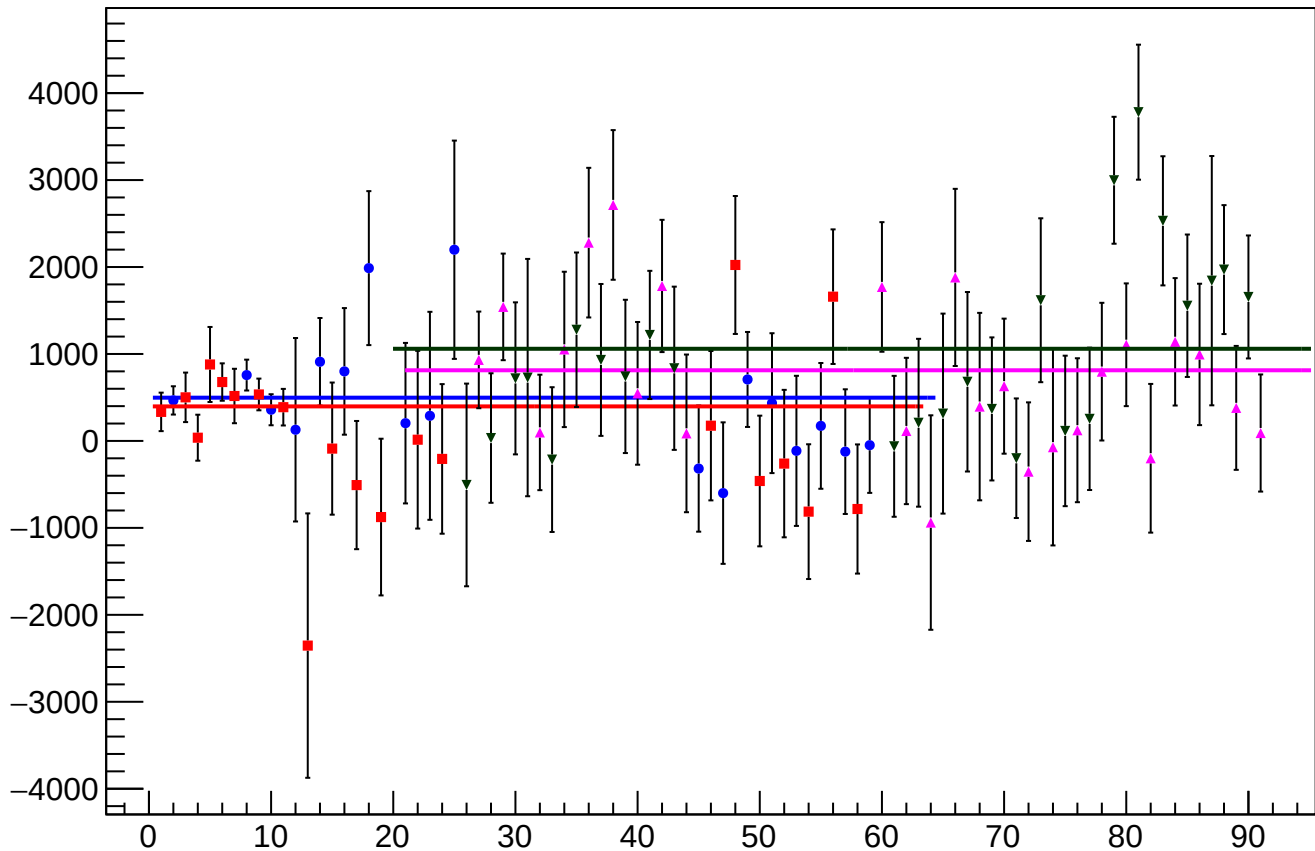
Left Out: 458.666 $\pm$ 0.093 χ^2 /NDF: 331621.6/24

Right Out: 487.650 $\pm$ 0.116 χ^2 /NDF: 562242.5/19

Left In: 459.227 $\pm$ 0.090 χ^2 /NDF: 360853.4/23

473.602 $\pm$ 0.051 χ^2 /NDF: 1647021.0/84

cor_usl_mean vs slug



Right In: 497.394 ± 88.281 $\chi^2/\text{NDF}: 14.2/17$

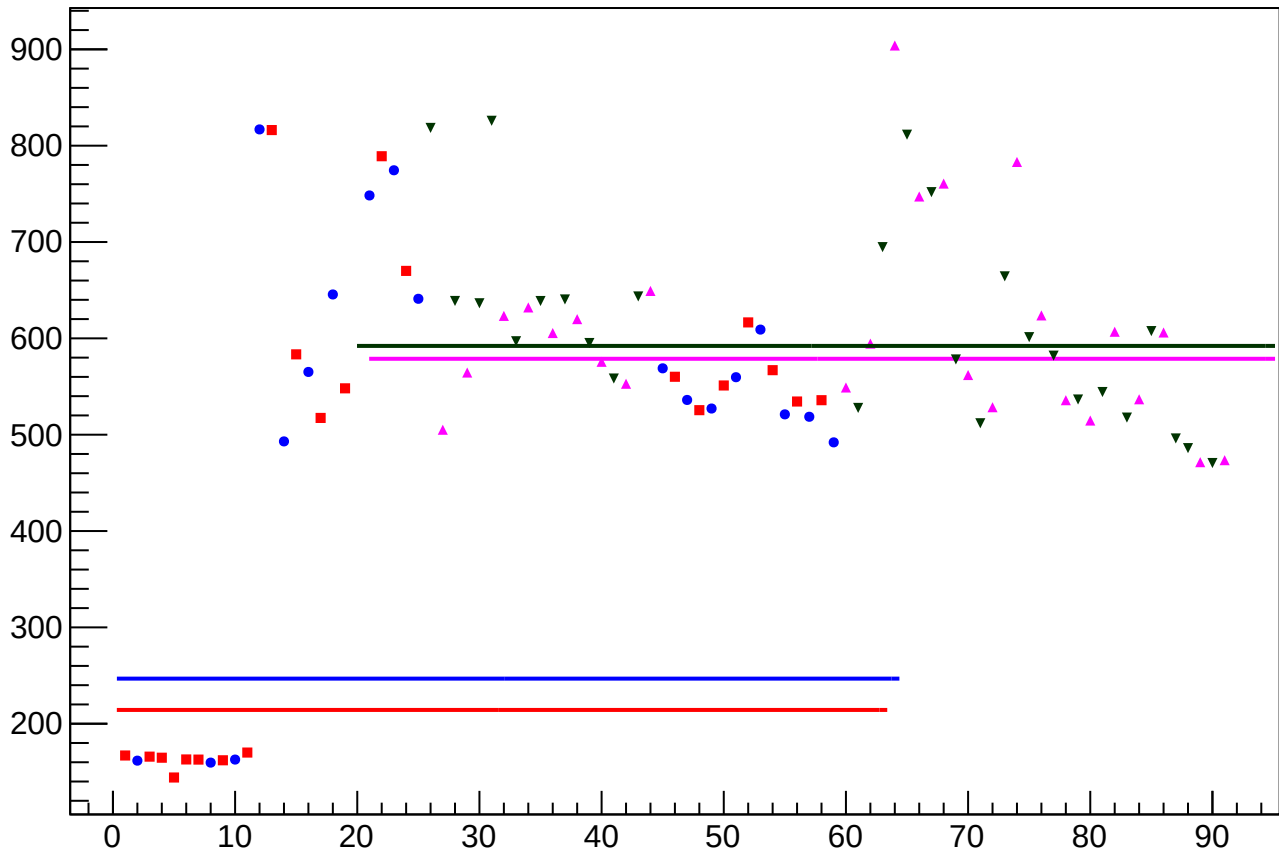
Left Out: 1059.740 ± 167.477 $\chi^2/\text{NDF}: 42.5/25$

Right Out: 397.042 ± 80.131 $\chi^2/\text{NDF}: 27.3/20$

Left In: 812.442 ± 157.630 $\chi^2/\text{NDF}: 25.3/24$

544.900 ± 52.708 $\chi^2/\text{NDF}: 125.5/89$

cor_usl_rms vs slug



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

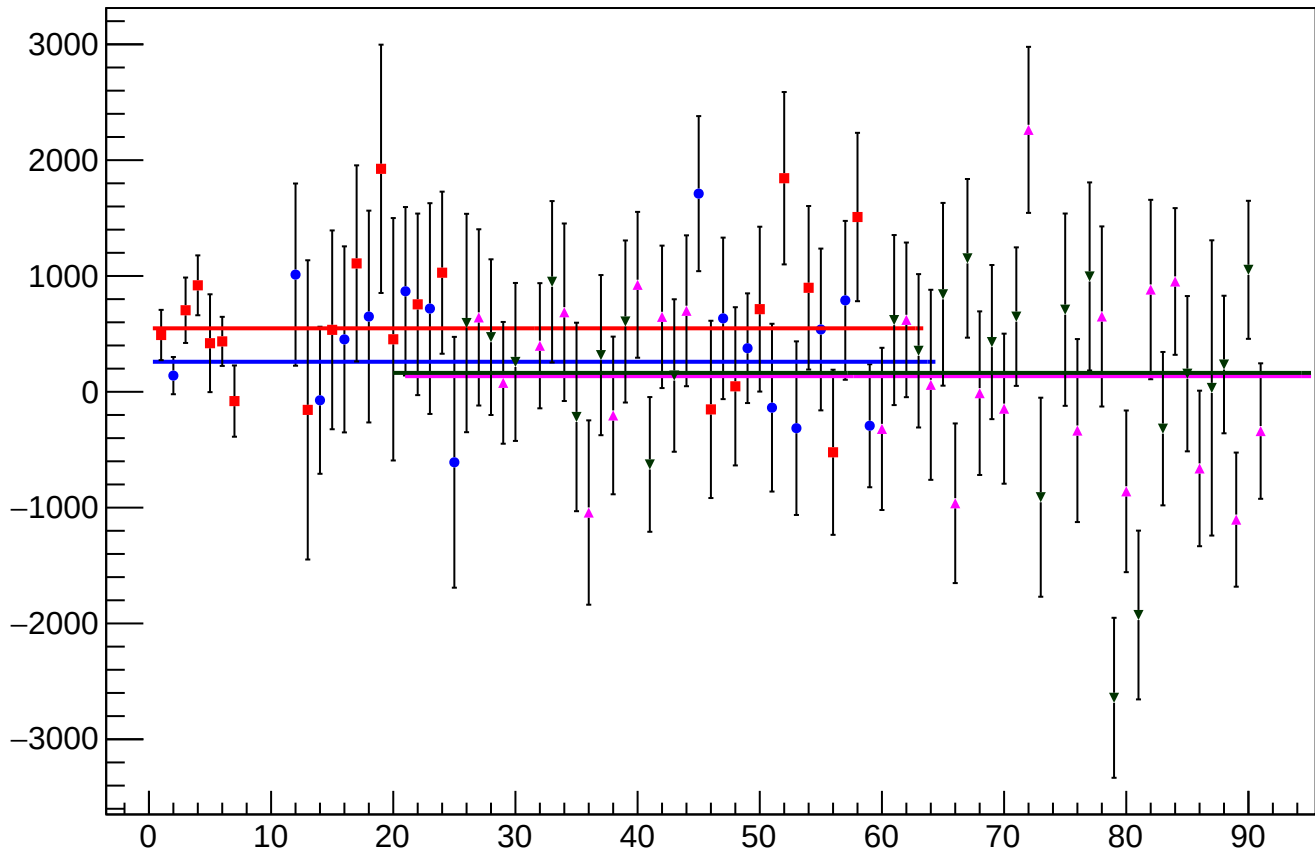
Left Out: 592.159+/-0.118 χ^2/NDF : 513753.8/25

304.070+/-0.037 χ^2/NDF : 29599544.7/89

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

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

cor_usr_mean vs slug



Right In: 259.305 ± 119.836 $\chi^2/\text{NDF}: 11.4/15$

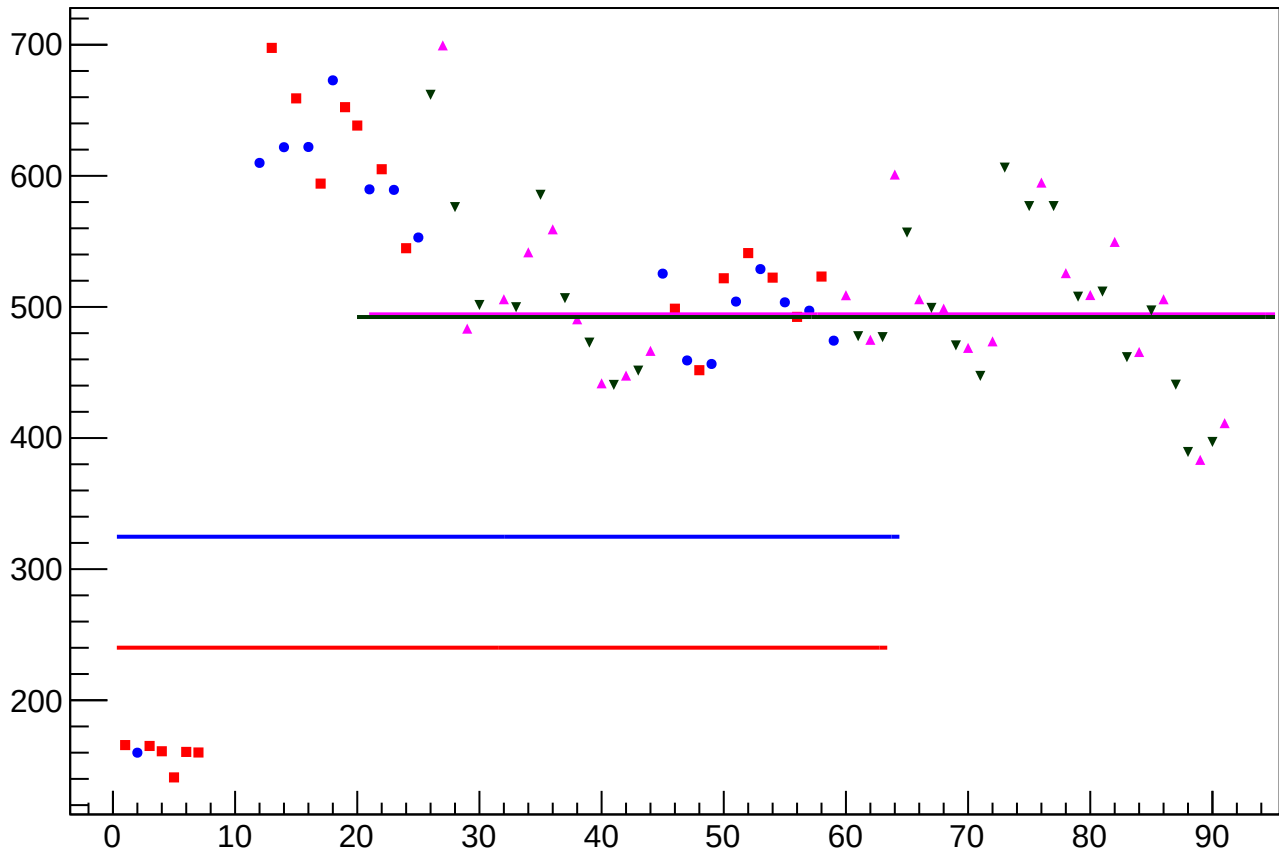
Left Out: 163.229 ± 140.772 $\chi^2/\text{NDF}: 38.9/24$

Right Out: 548.118 ± 95.577 $\chi^2/\text{NDF}: 18.6/19$

Left In: 135.101 ± 136.670 $\chi^2/\text{NDF}: 31.3/23$

330.369 ± 59.433 $\chi^2/\text{NDF}: 109.1/84$

cor_usr_rms vs slug



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

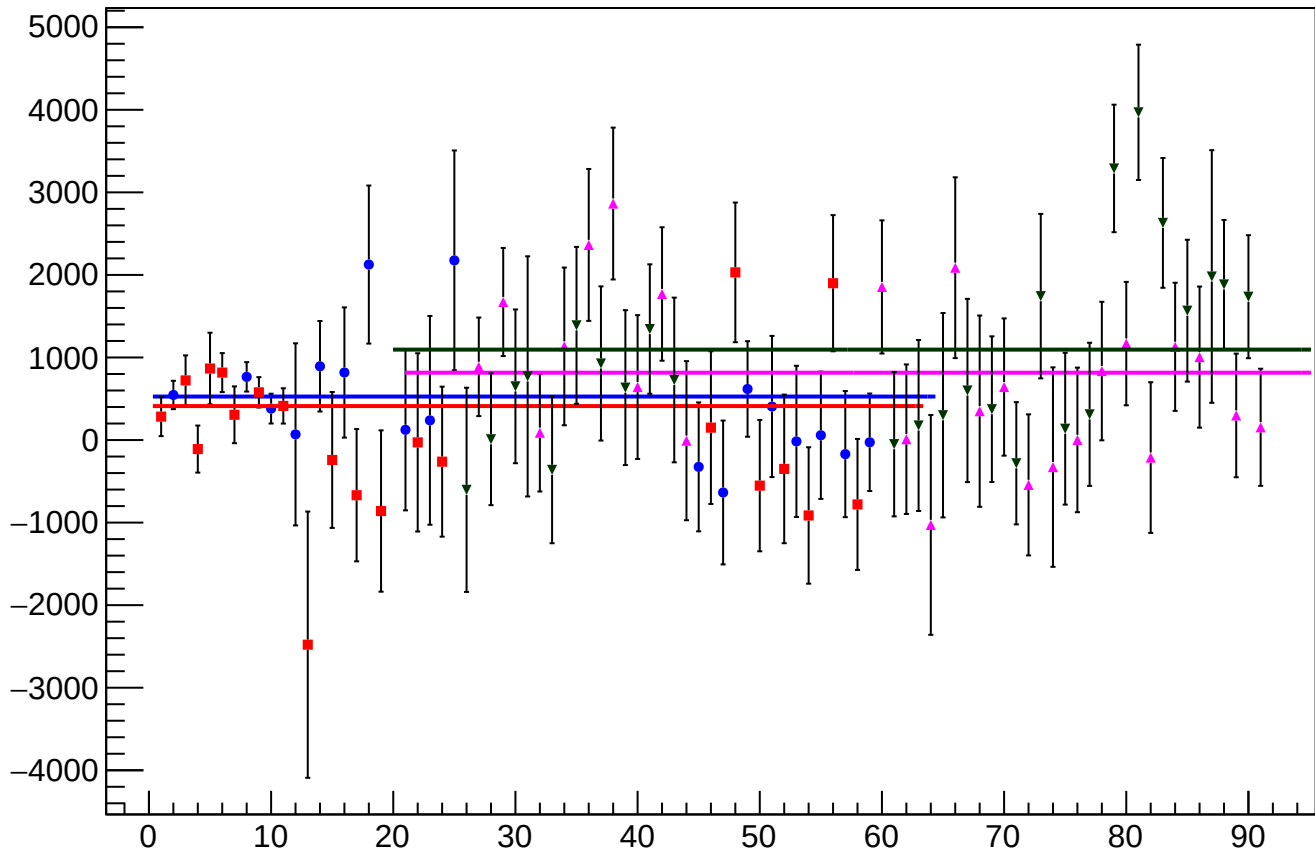
Left Out: 492.321 $\pm$ 0.100 χ^2 /NDF: 376461.5/24

353.953 $\pm$ 0.042 χ^2 /NDF: 18264187.8/84

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

cor_dsl_mean vs slug



Right In: 526.840 $\pm$ 91.268 χ^2 /NDF: 13.2/17

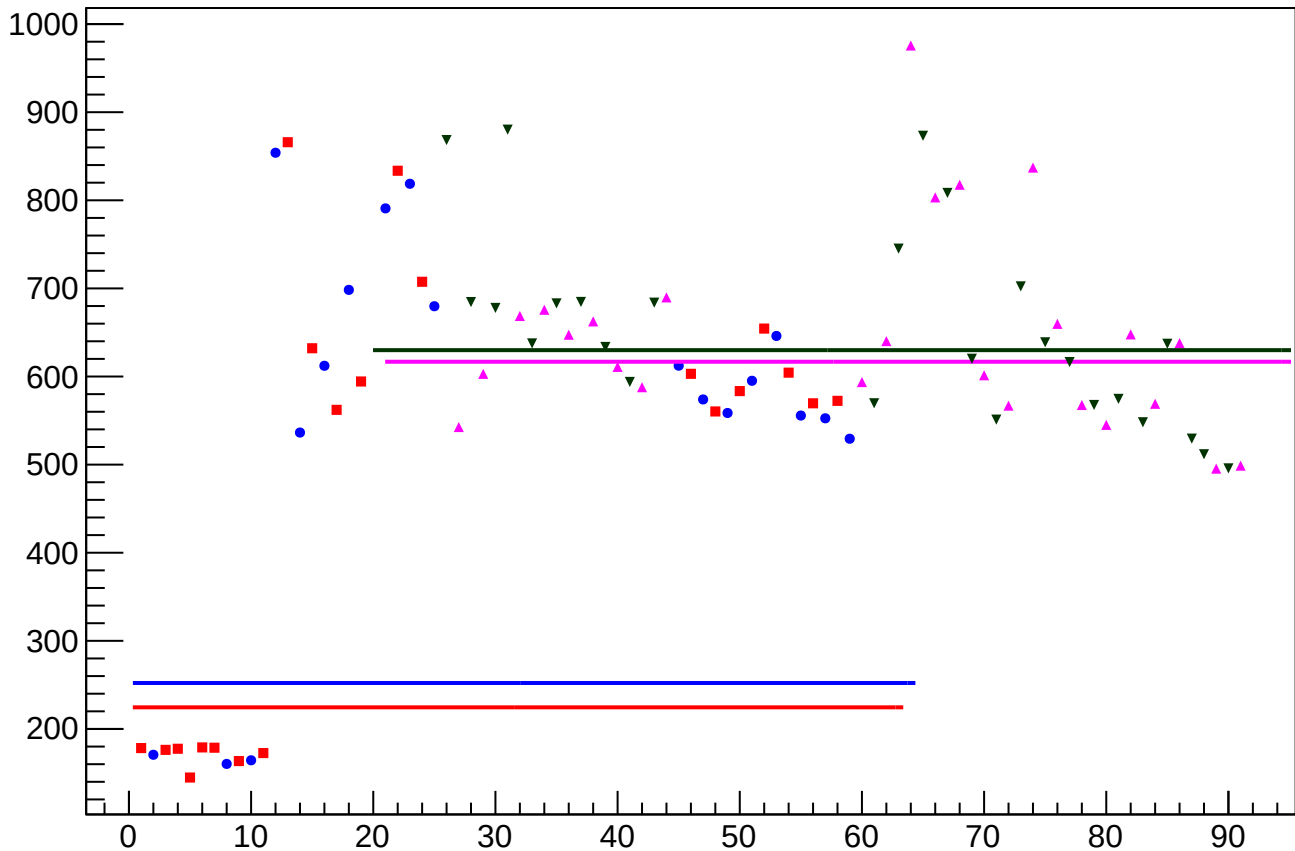
Left Out: 1095.249 $\pm$ 178.224 χ^2 /NDF: 43.5/25

Right Out: 411.404 $\pm$ 84.310 χ^2 /NDF: 31.7/20

Left In: 815.727 $\pm$ 168.034 χ^2 /NDF: 26.1/24

563.118 $\pm$ 55.247 χ^2 /NDF: 129.1/89

cor_dsl_rms vs slug



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

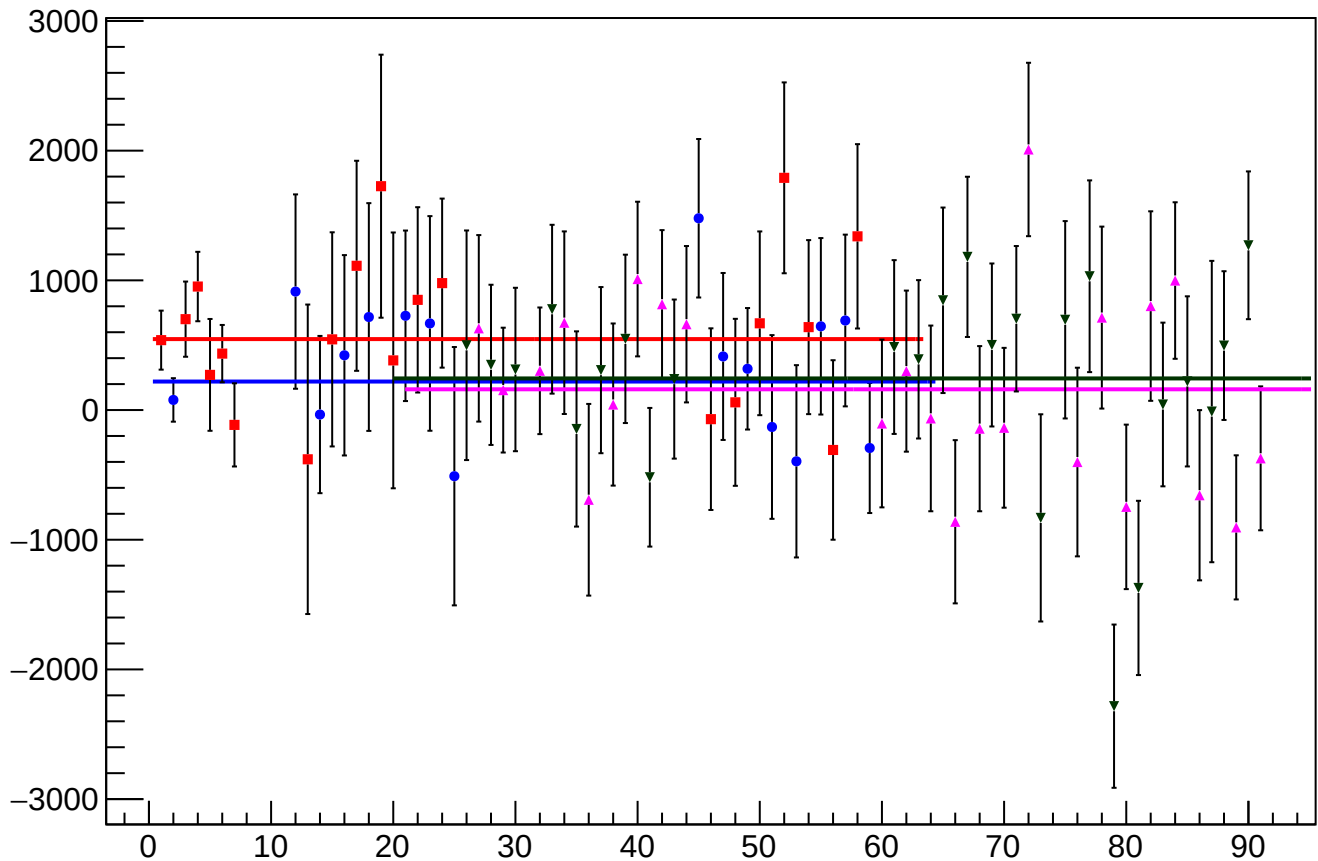
Left Out: 629.917+/-0.126 χ^2/NDF : 532248.5/25

316.009+/-0.039 χ^2/NDF : 30726651.2/89

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

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

cor_dsr_mean vs slug



Right In: 219.697 $\pm$ 119.771 χ^2 /NDF: 10.8/15

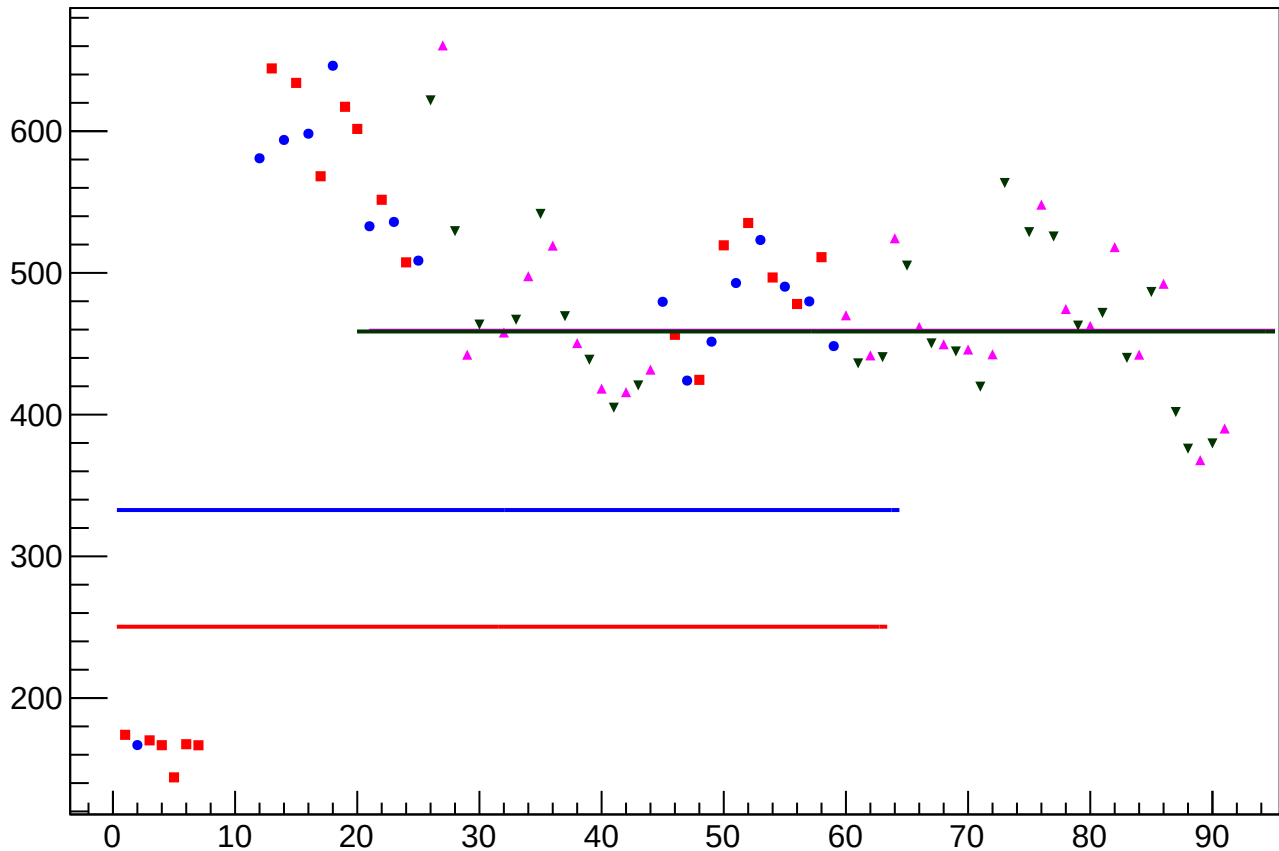
Left Out: 243.674 $\pm$ 131.001 χ^2 /NDF: 36.2/24

Right Out: 547.037 $\pm$ 97.421 χ^2 /NDF: 17.6/19

Left In: 159.902 $\pm$ 126.882 χ^2 /NDF: 29.6/23

328.588 $\pm$ 58.177 χ^2 /NDF: 102.3/84

cor_dsr_rms vs slug



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

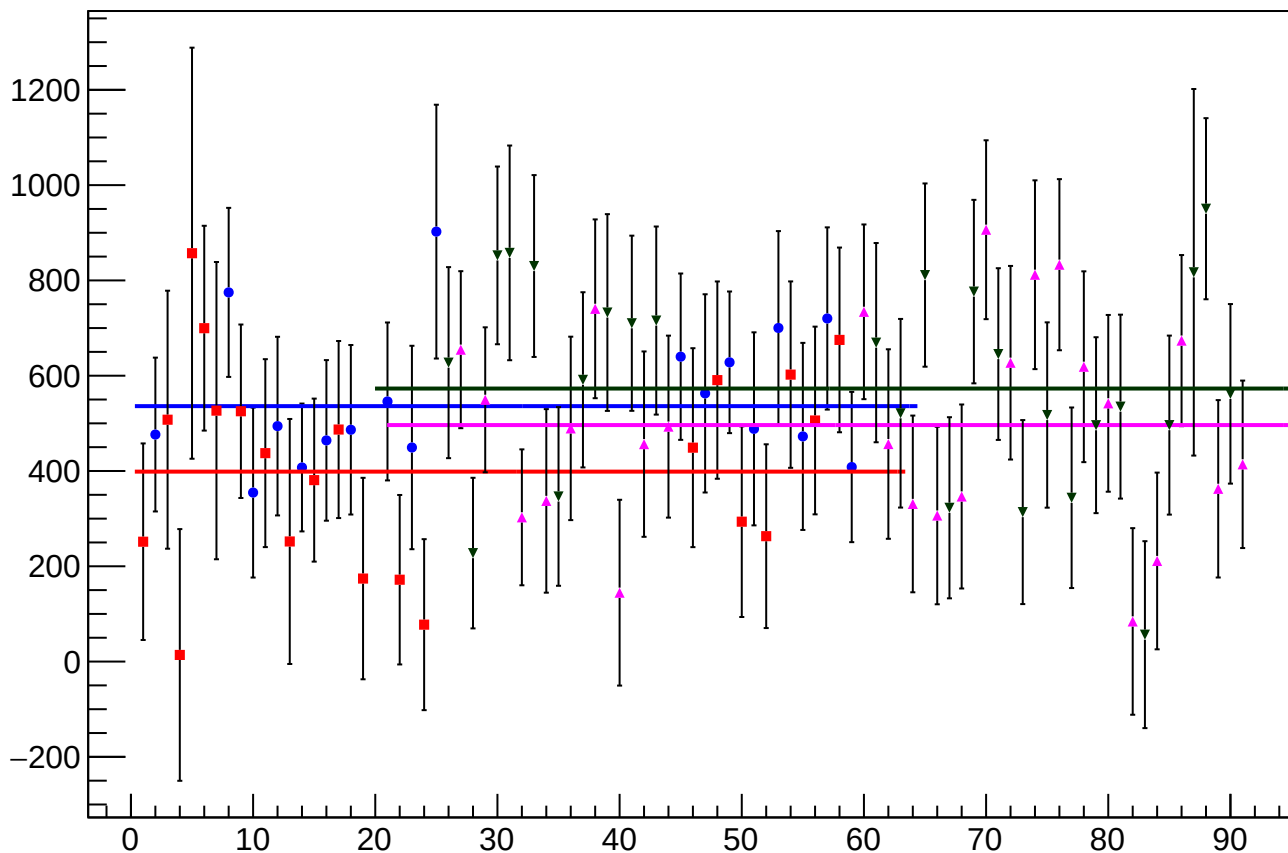
Left Out: 458.666+/-0.093 χ^2/NDF : 331621.6/24

354.768+/-0.041 χ^2/NDF : 14827141.9/84

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

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

reg_asym_usl_mean vs slug



Right In: 536.125 $\pm$ 41.956 χ^2 /NDF: 9.4/17

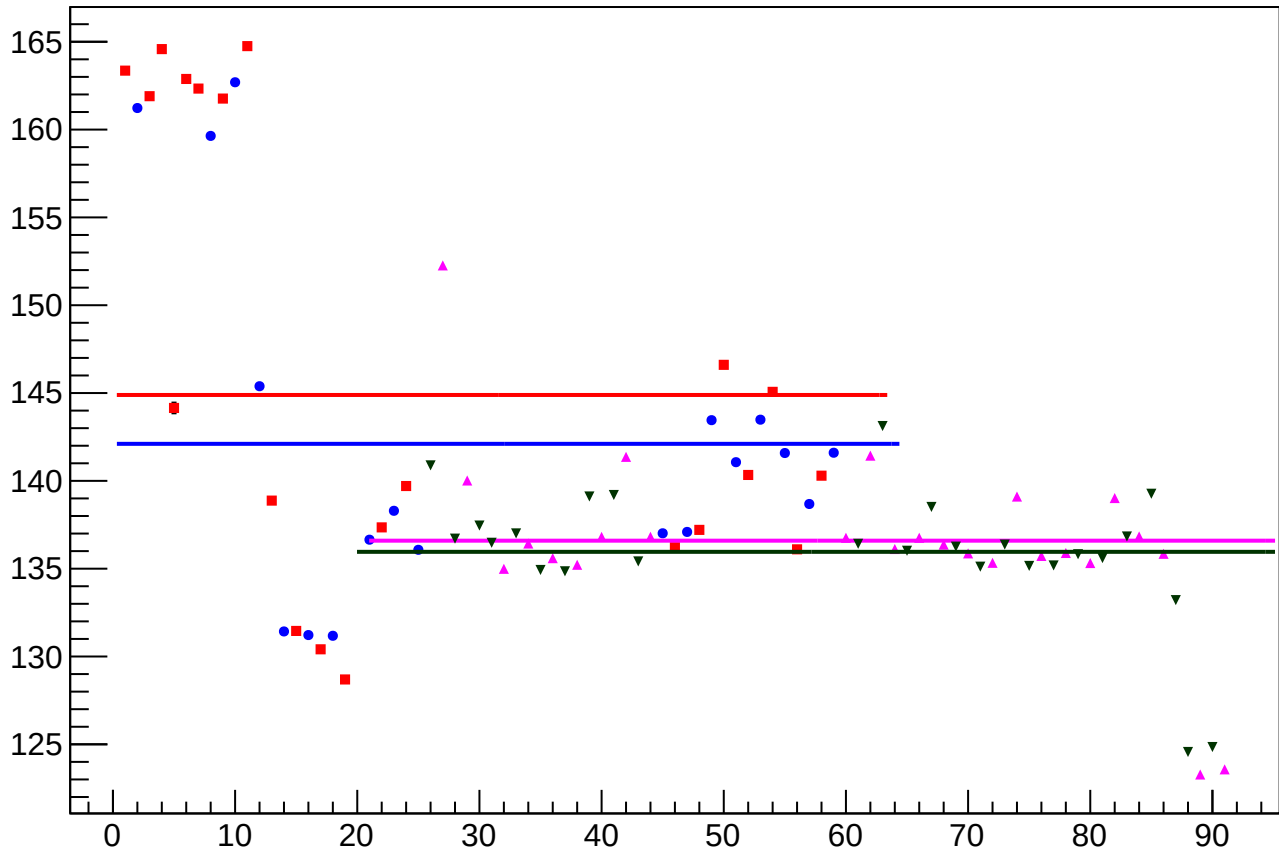
Left Out: 573.055 $\pm$ 37.998 χ^2 /NDF:33.5/25

Right Out: 398.677 $\pm$ 45.427 χ^2 /NDF: 18.2/20

Left In: 496.388 $\pm$ 36.715 χ^2 /NDF:32.9/24

507.776 $\pm$ 20.052 χ^2 /NDF: 103.3/89

reg_asym_usl_rms vs slug



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

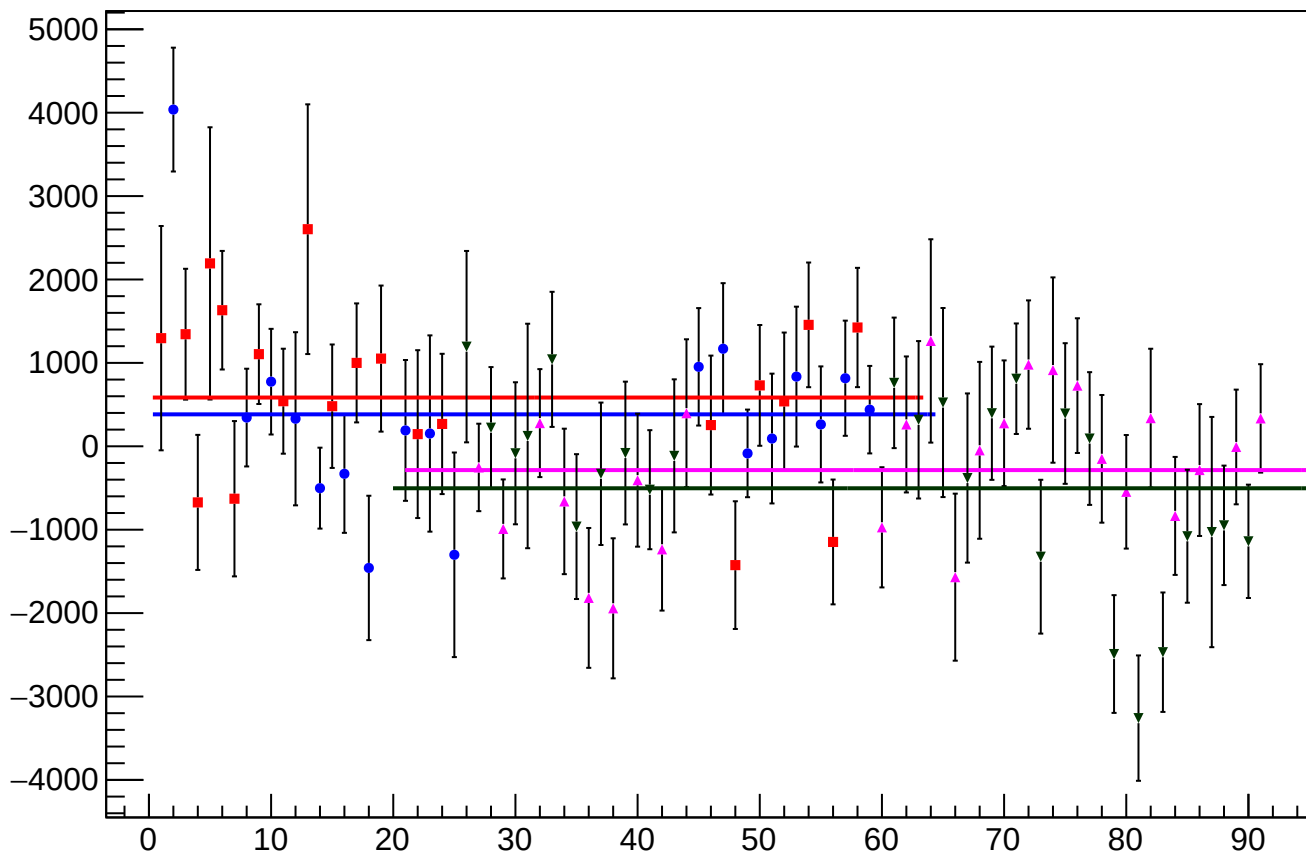
Left Out: 135.959 $\pm$ 0.027 χ^2 /NDF: 20713.6/25

139.293 $\pm$ 0.014 χ^2 /NDF: 389382.7/89

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

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

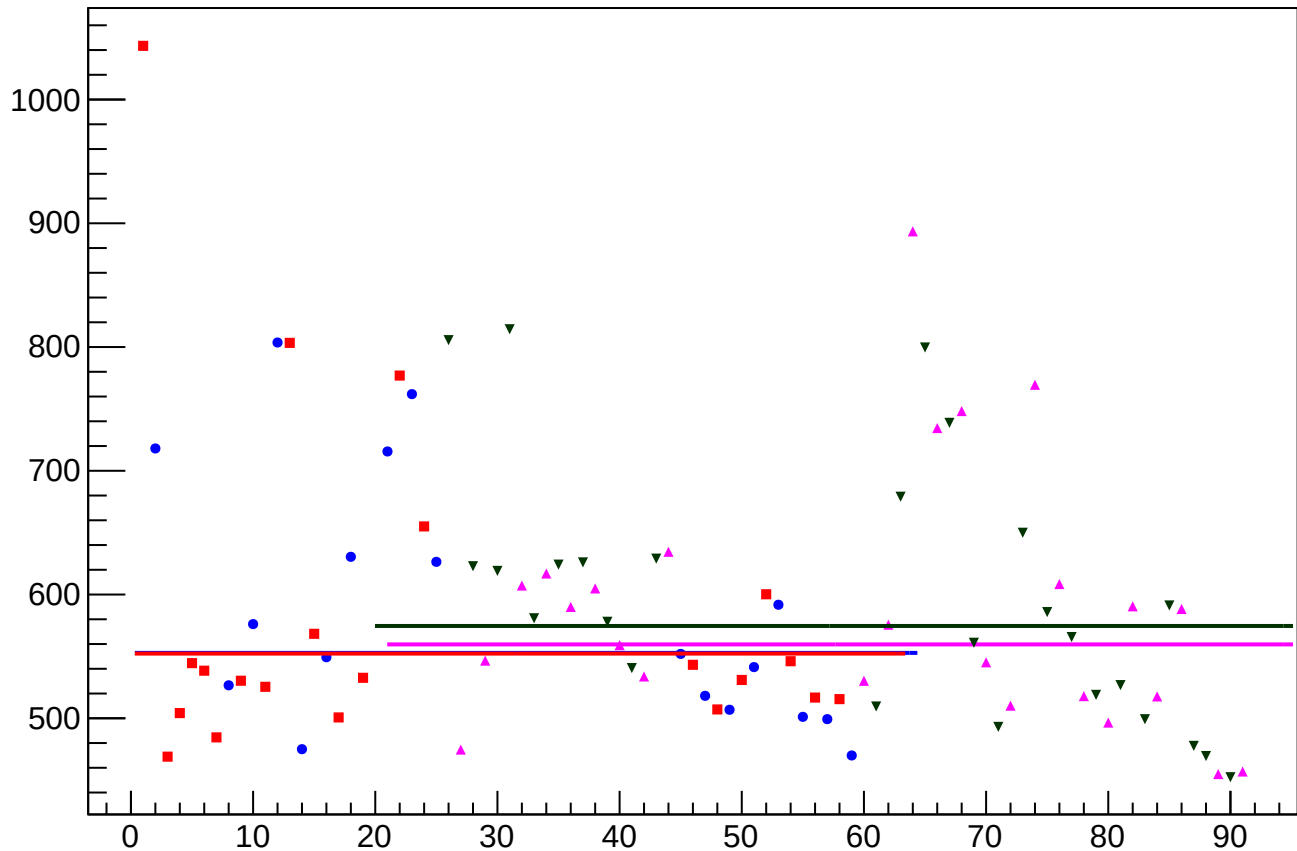
Left Out: -503.307 ± 162.698 χ^2/NDF : 50.8/25

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

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

12.032 ± 81.692 χ^2/NDF : 171.2/89

asym_usl_correction_rms vs slug



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

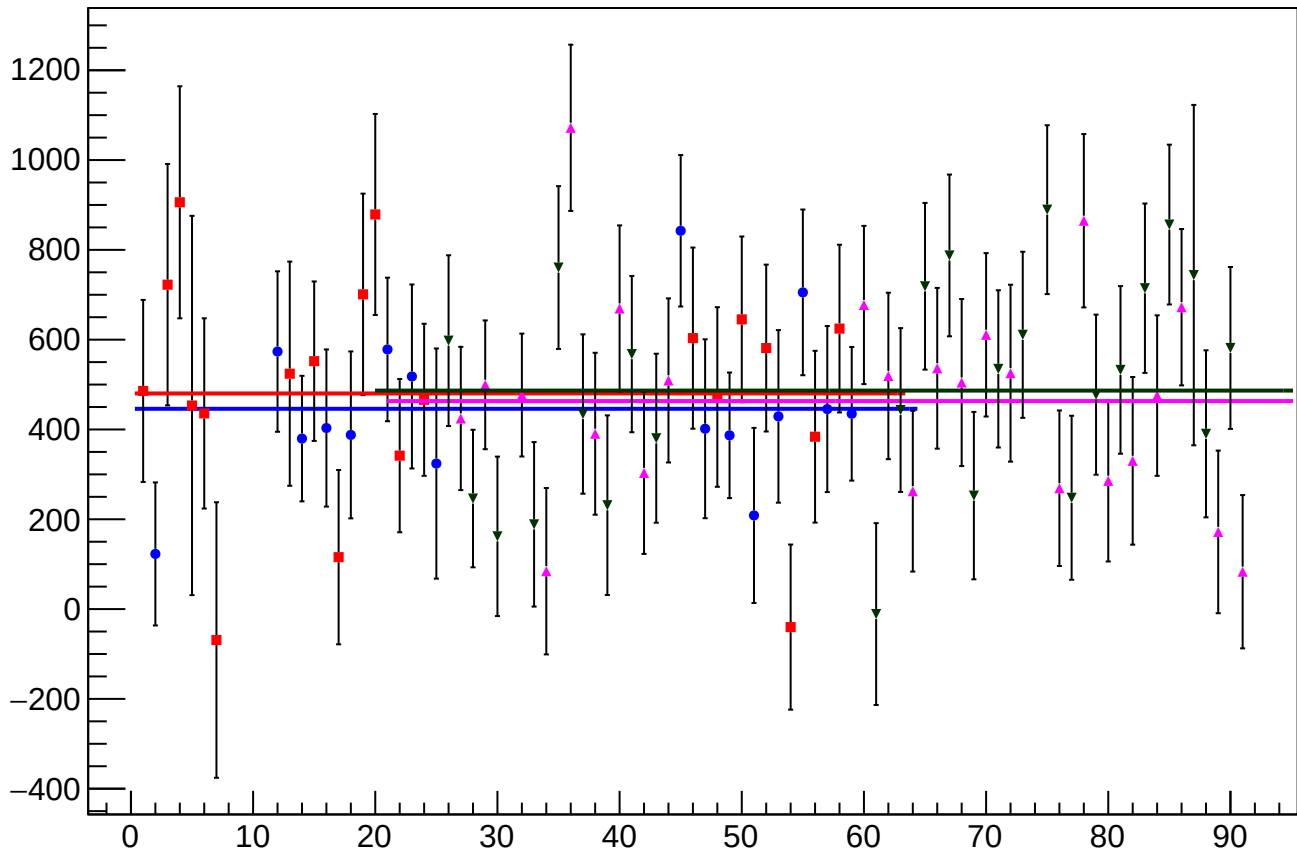
Left Out: 574.599+/-0.115 χ^2/NDF : 559842.2/25

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

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

560.168+/-0.058 χ^2/NDF : 2249162.5/89

reg_asym_usr_mean vs slug



Right In: 446.032 ± 43.425 χ^2/NDF : 15.3/15

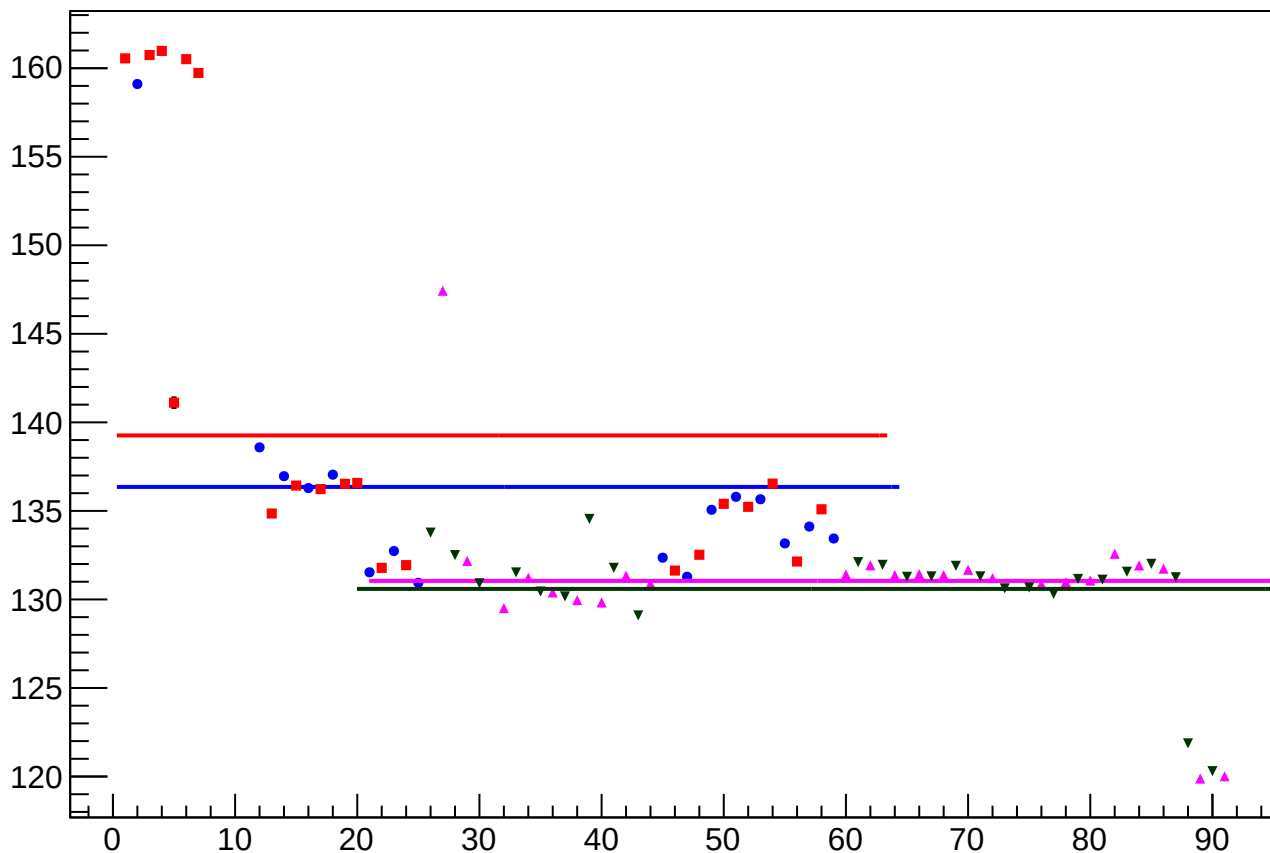
Left Out: 486.597 ± 37.014 χ^2/NDF : 39.0/24

Right Out: 480.239 ± 46.200 χ^2/NDF : 25.6/19

Left In: 463.301 ± 35.854 χ^2/NDF : 37.2/23

469.597 ± 19.974 χ^2/NDF : 117.8/84

reg_asym_usr_rms vs slug



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

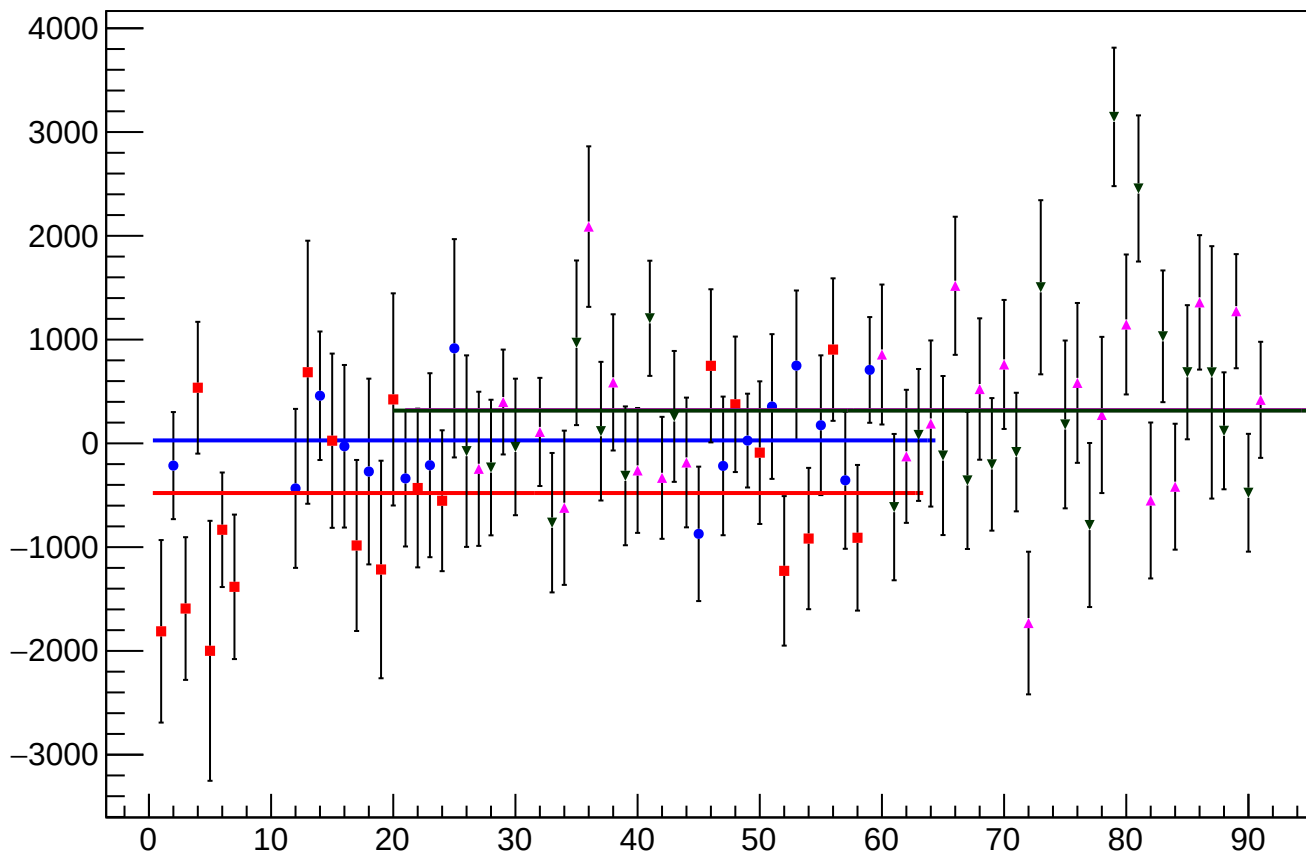
Left Out: 130.595 $\pm$ 0.026 χ^2 /NDF: 13494.5/24

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

133.573 $\pm$ 0.014 χ^2 /NDF: 260651.2/84

asym_usr_correction_mean vs slug



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

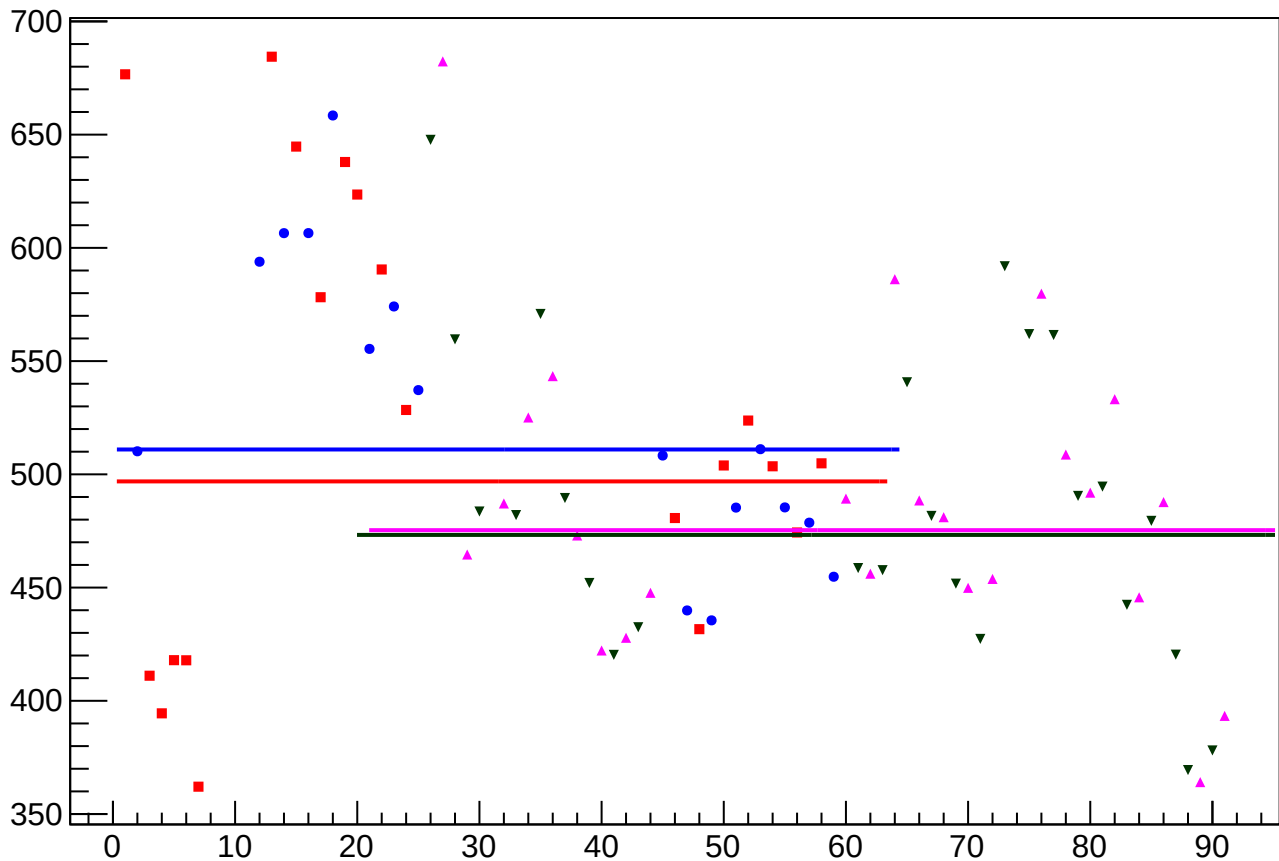
Left Out: 315.847 ± 135.482 χ^2/NDF : 47.3/24

106.405 ± 73.482 χ^2/NDF : 131.7/84

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

Left In: 320.351 ± 131.575 χ^2/NDF : 34.5/23

asym_usr_correction_rms vs slug



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

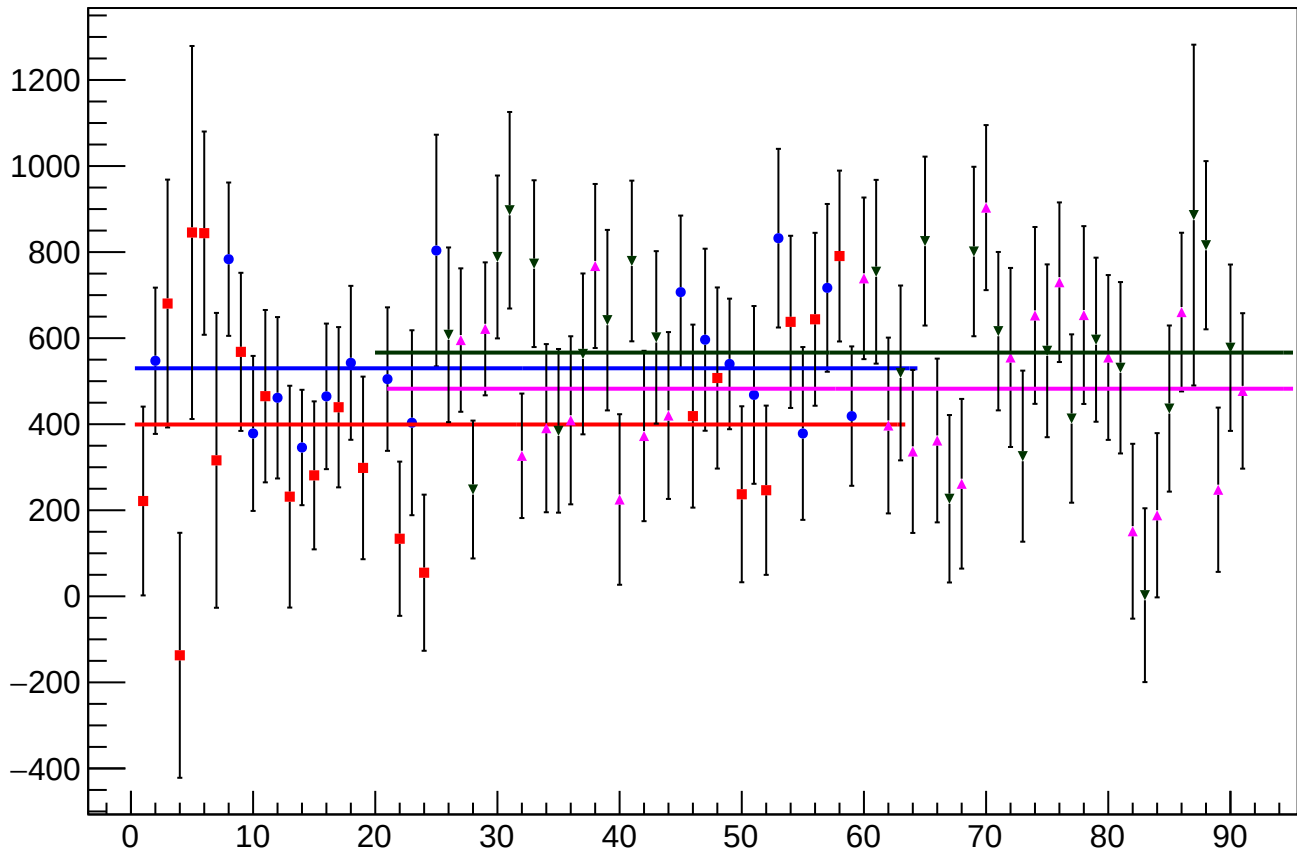
Left Out: 473.252+/-0.096 χ^2/NDF : 425237.0/24

486.053+/-0.052 χ^2/NDF : 1789040.6/84

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

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

reg_asym_dsl_mean vs slug



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

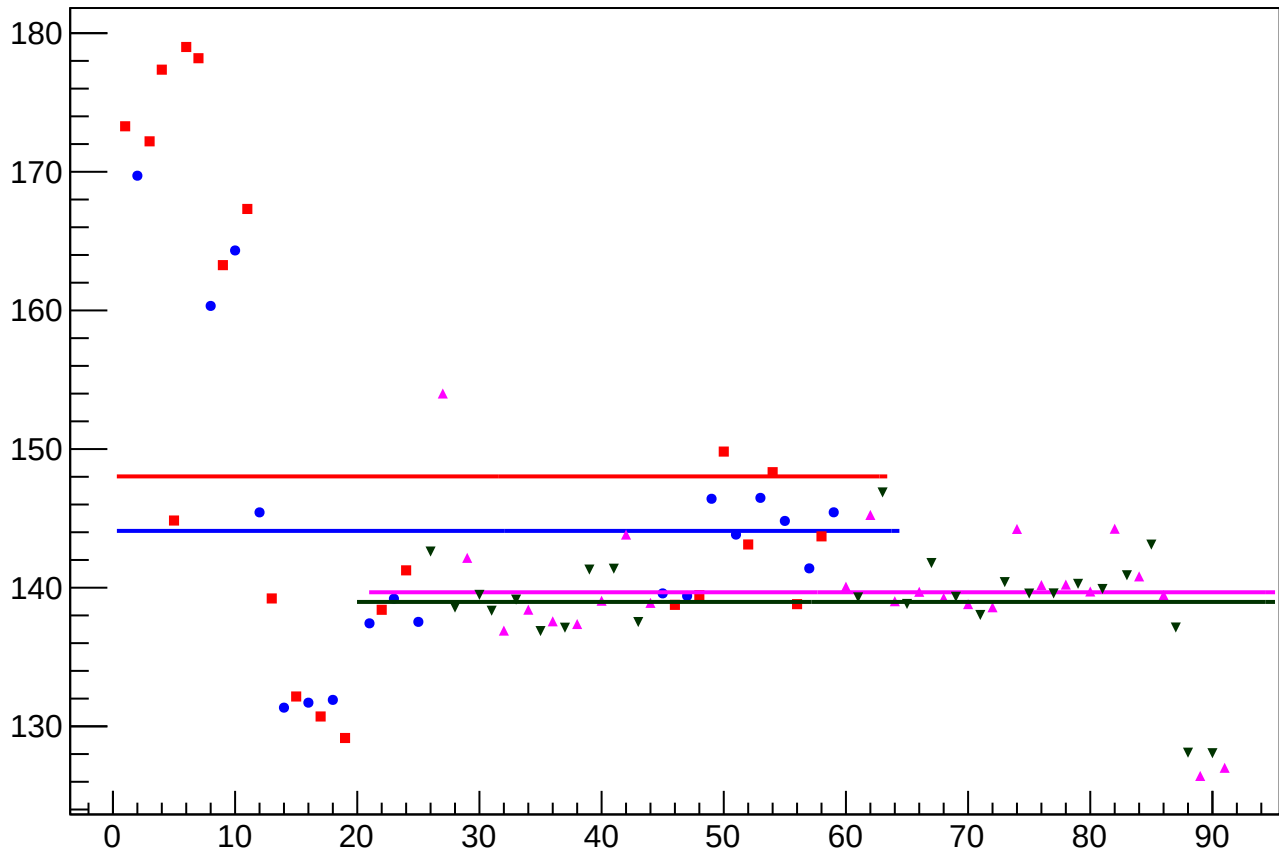
Left Out: 566.446 ± 38.841 χ^2/NDF : 30.8/25

500.670 ± 20.469 χ^2/NDF : 103.8/89

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

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

reg_asym_dsl_rms vs slug



Right In: 144.097 ± 0.030 $\chi^2/\text{NDF}: 134419.2/17$

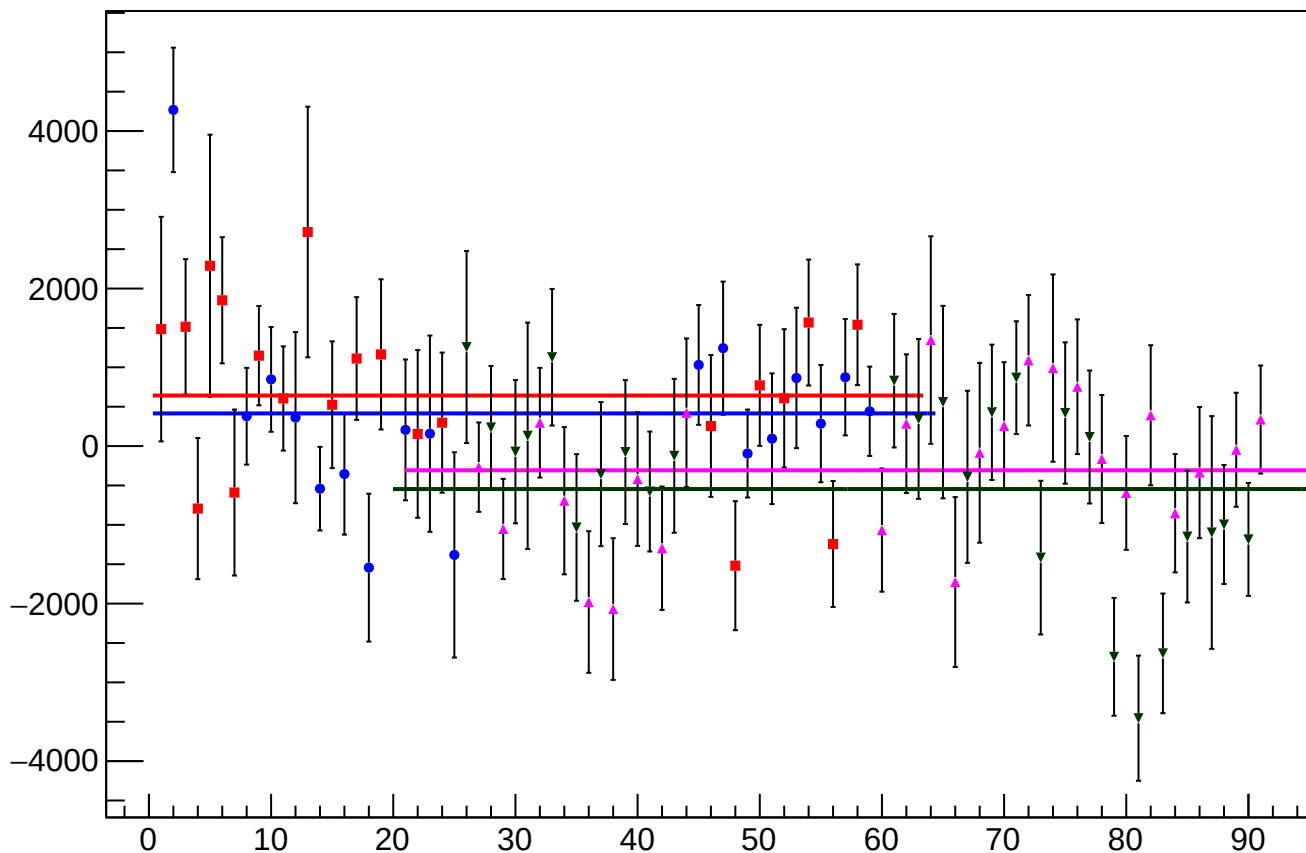
Left Out: 138.973 ± 0.027 $\chi^2/\text{NDF}: 19293.8/25$

142.120 ± 0.014 $\chi^2/\text{NDF}: 471556.9/89$

Right Out: 148.027 ± 0.033 $\chi^2/\text{NDF}: 218836.9/20$

Left In: 139.670 ± 0.027 $\chi^2/\text{NDF}: 40771.6/24$

asym_dsl_correction_mean vs slug



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

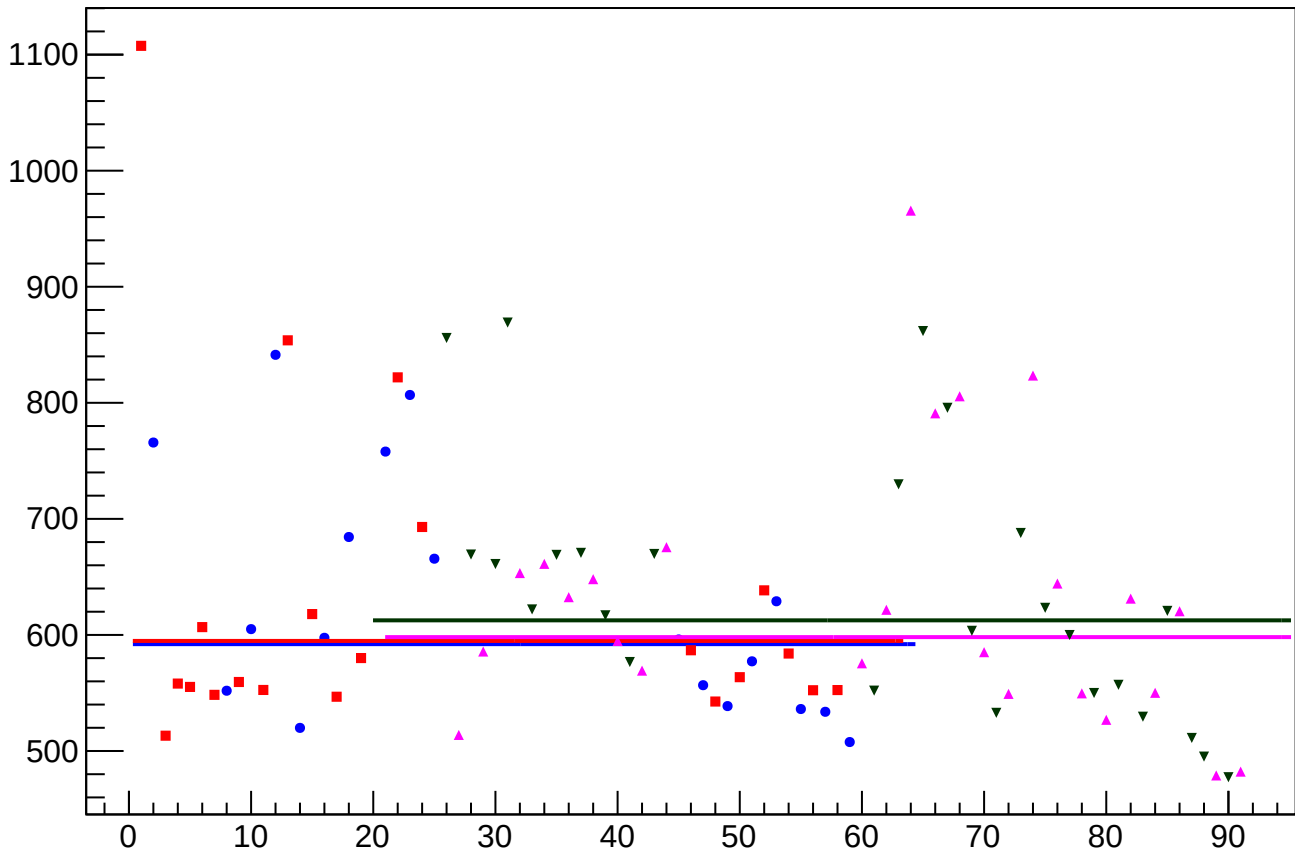
Left Out: -545.655 ± 173.509 χ^2/NDF : 51.0/25

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

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

12.585 ± 87.413 χ^2/NDF : 172.0/89

asym_dsl_correction_rms vs slug



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

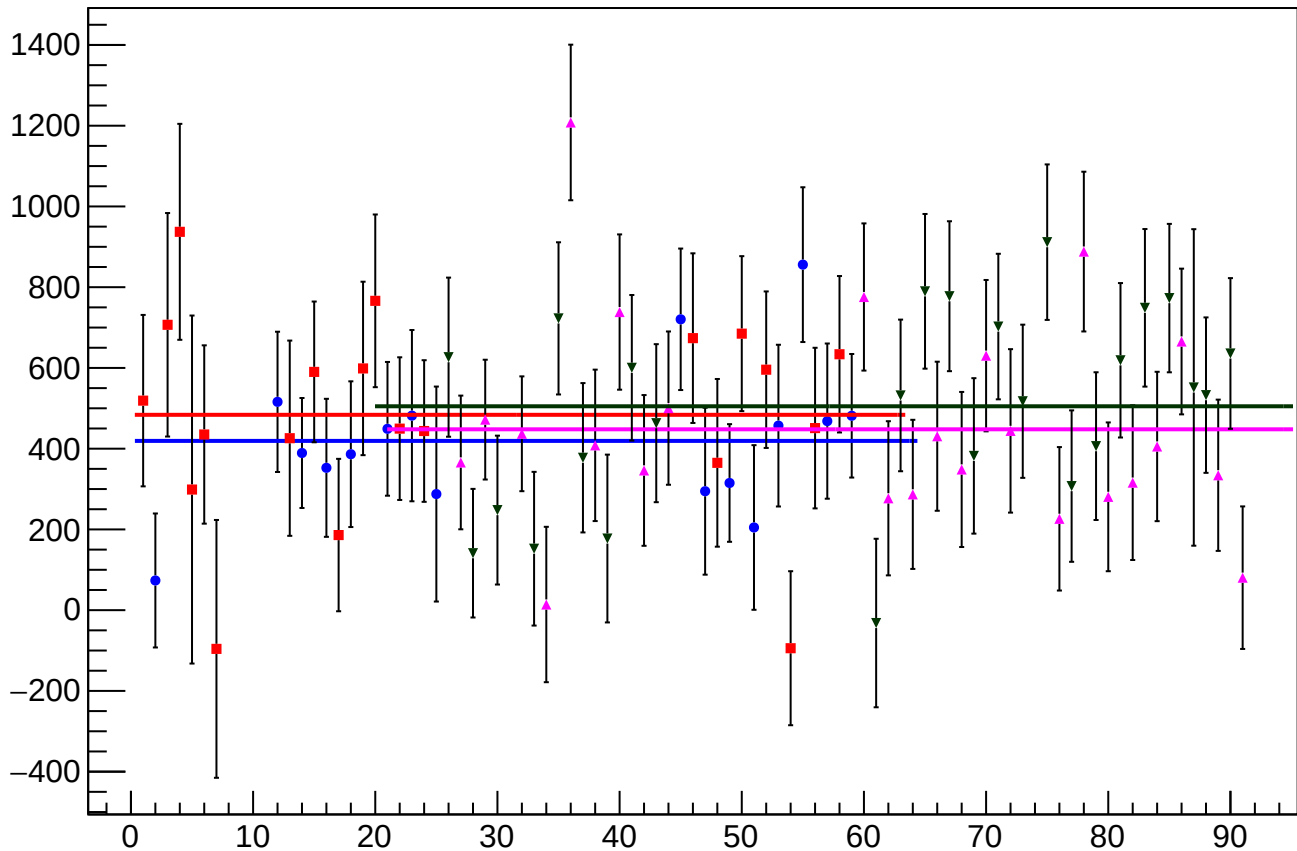
Left Out: 612.570+/-0.123 χ^2/NDF : 577399.1/25

599.601+/-0.062 χ^2/NDF : 2212878.0/89

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

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

reg_asym_dsr_mean vs slug



Right In: 419.270 ± 44.278 χ^2/NDF : 15.6/15

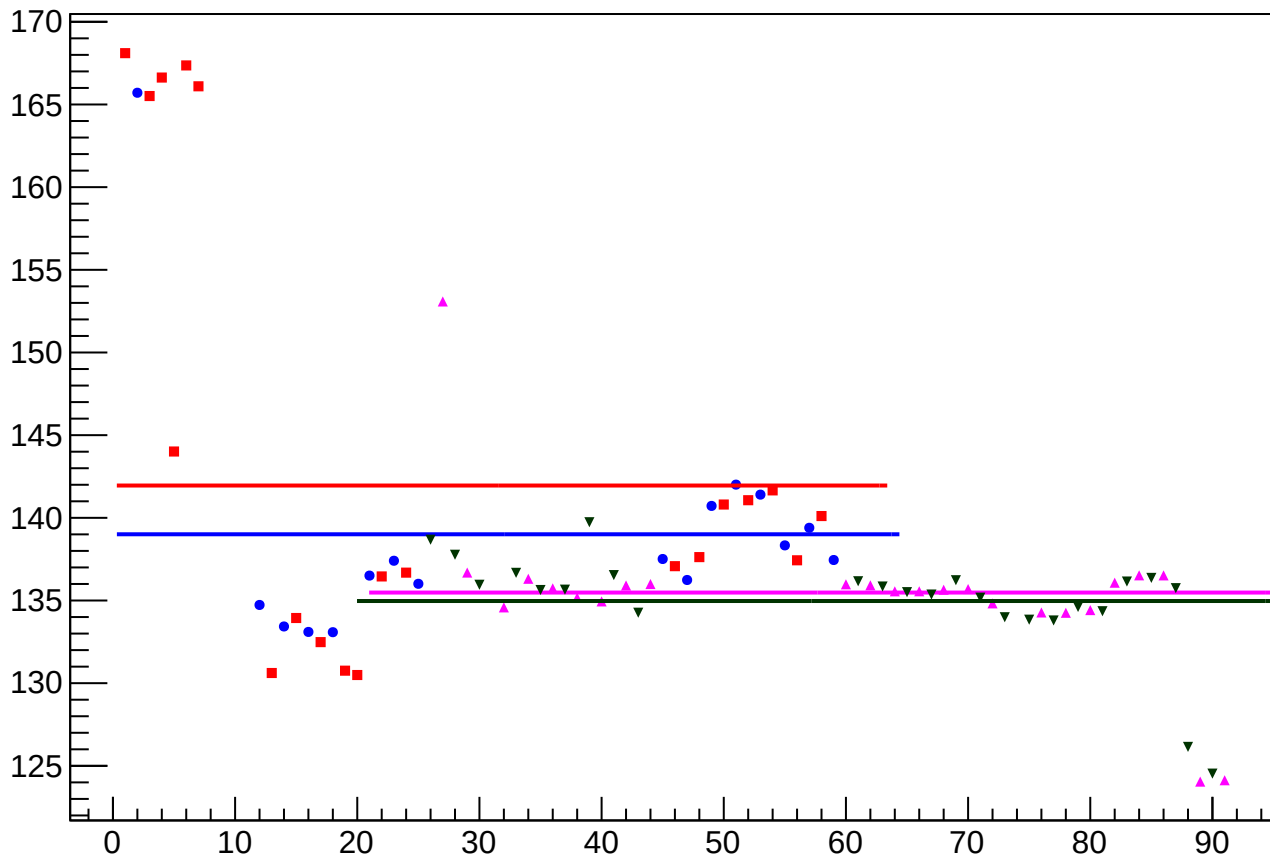
Left Out: 505.020 ± 38.255 χ^2/NDF : 38.6/24

Right Out: 483.893 ± 47.138 χ^2/NDF : 24.5/19

Left In: 447.979 ± 37.069 χ^2/NDF : 43.7/23

465.058 ± 20.536 χ^2/NDF : 125.0/84

reg_asym_dsr_rms vs slug



Right In: 139.006 ± 0.031 $\chi^2/\text{NDF}: 63458.1/15$

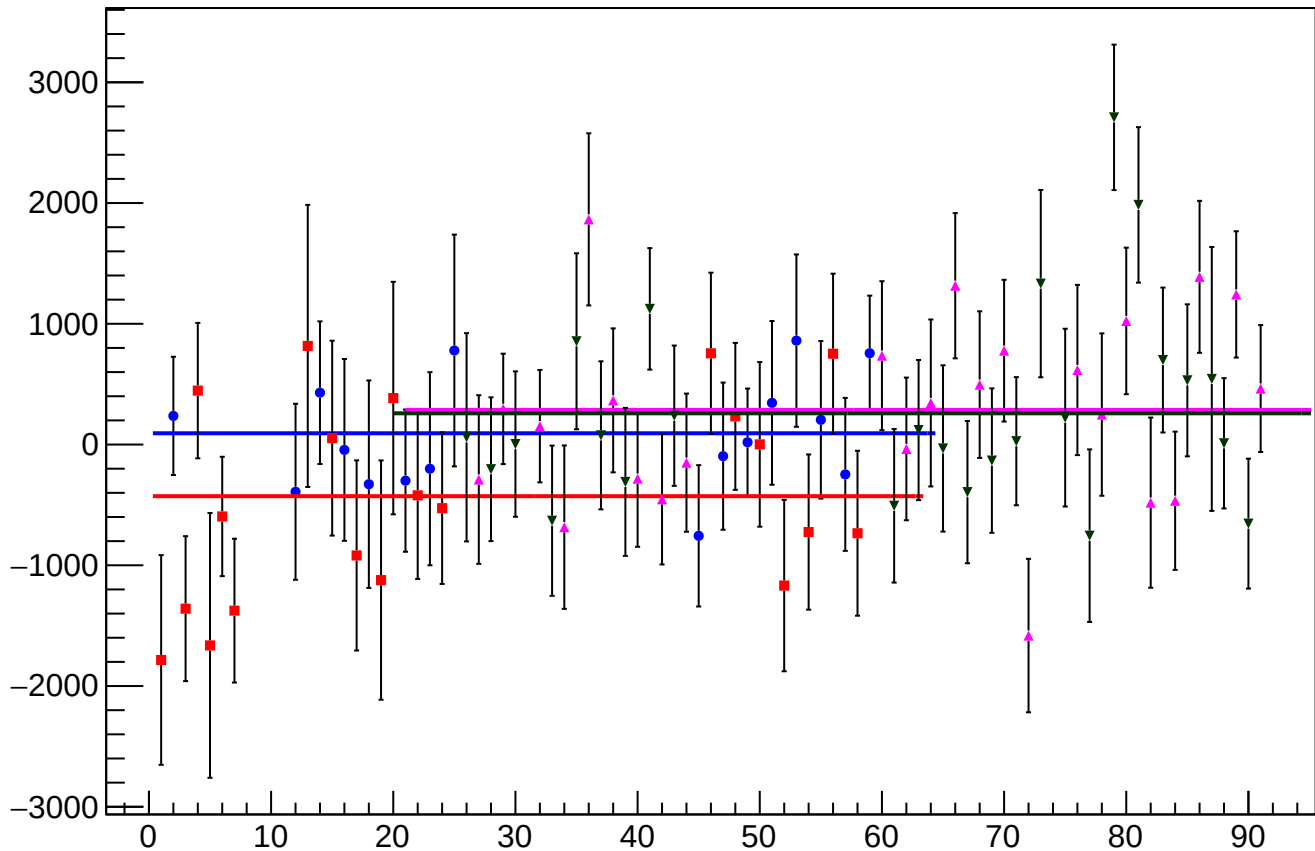
Left Out: 134.969 ± 0.027 $\chi^2/\text{NDF}: 13928.8/24$

Right Out: 141.954 ± 0.033 $\chi^2/\text{NDF}: 131652.5/19$

Left In: 135.481 ± 0.026 $\chi^2/\text{NDF}: 39065.6/23$

137.320 ± 0.015 $\chi^2/\text{NDF}: 282811.6/84$

asym_dsr_correction_mean vs slug



Right In: 93.397 $\pm$ 155.007 χ^2 /NDF: 8.0/15

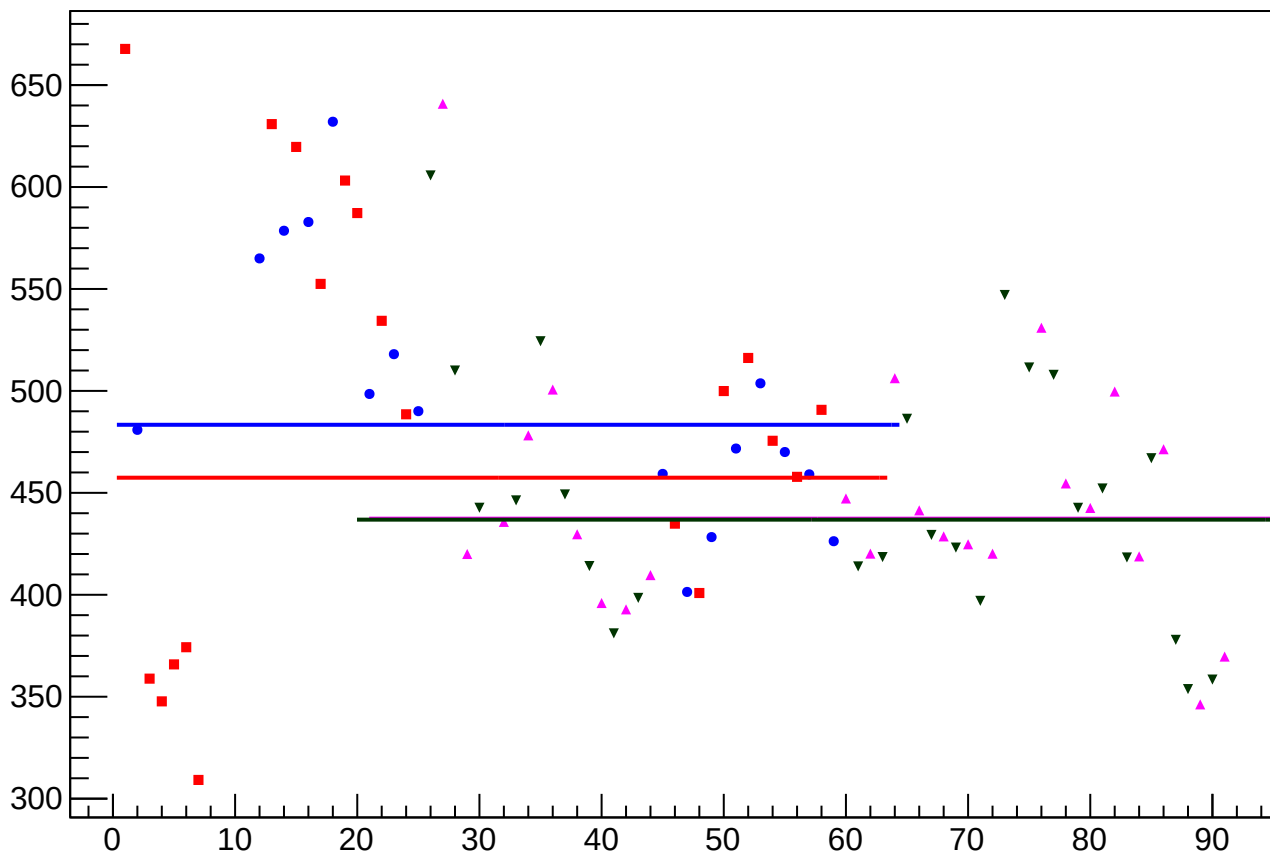
Left Out: 258.615 $\pm$ 124.935 χ^2 /NDF: 42.6/24

103.432 $\pm$ 68.114 χ^2 /NDF: 125.4/84

Right Out: -427.640 $\pm$ 155.122 χ^2 /NDF: 23.7/19

Left In: 287.140 $\pm$ 121.008 χ^2 /NDF: 35.6/23

asym_dsr_correction_rms vs slug



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

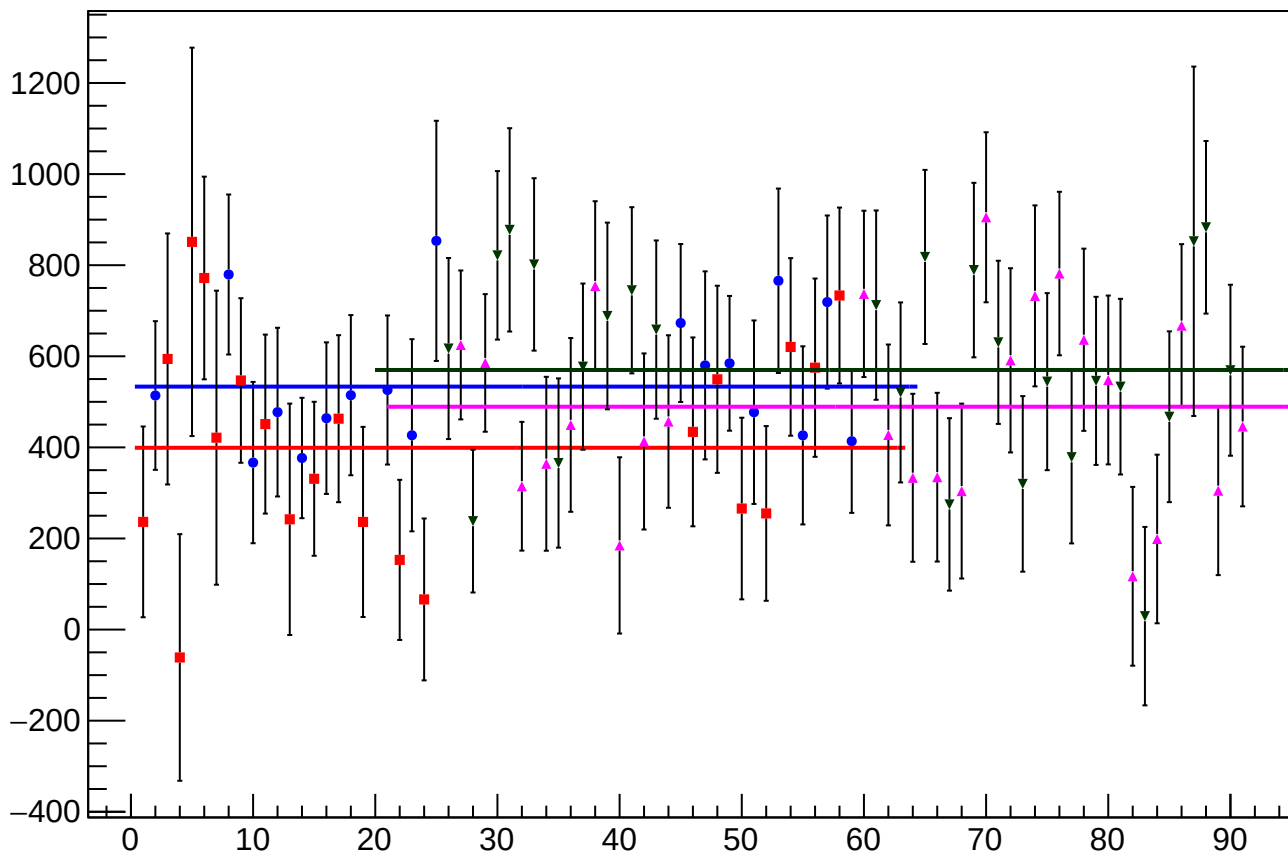
Left Out: 436.855+/-0.088 χ^2/NDF : 385030.2/24

449.961+/-0.048 χ^2/NDF : 1965622.8/84

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

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

reg_asym_left_avg_mean vs slug



Right In: 533.428 ± 41.644 χ^2/NDF : 10.3/17

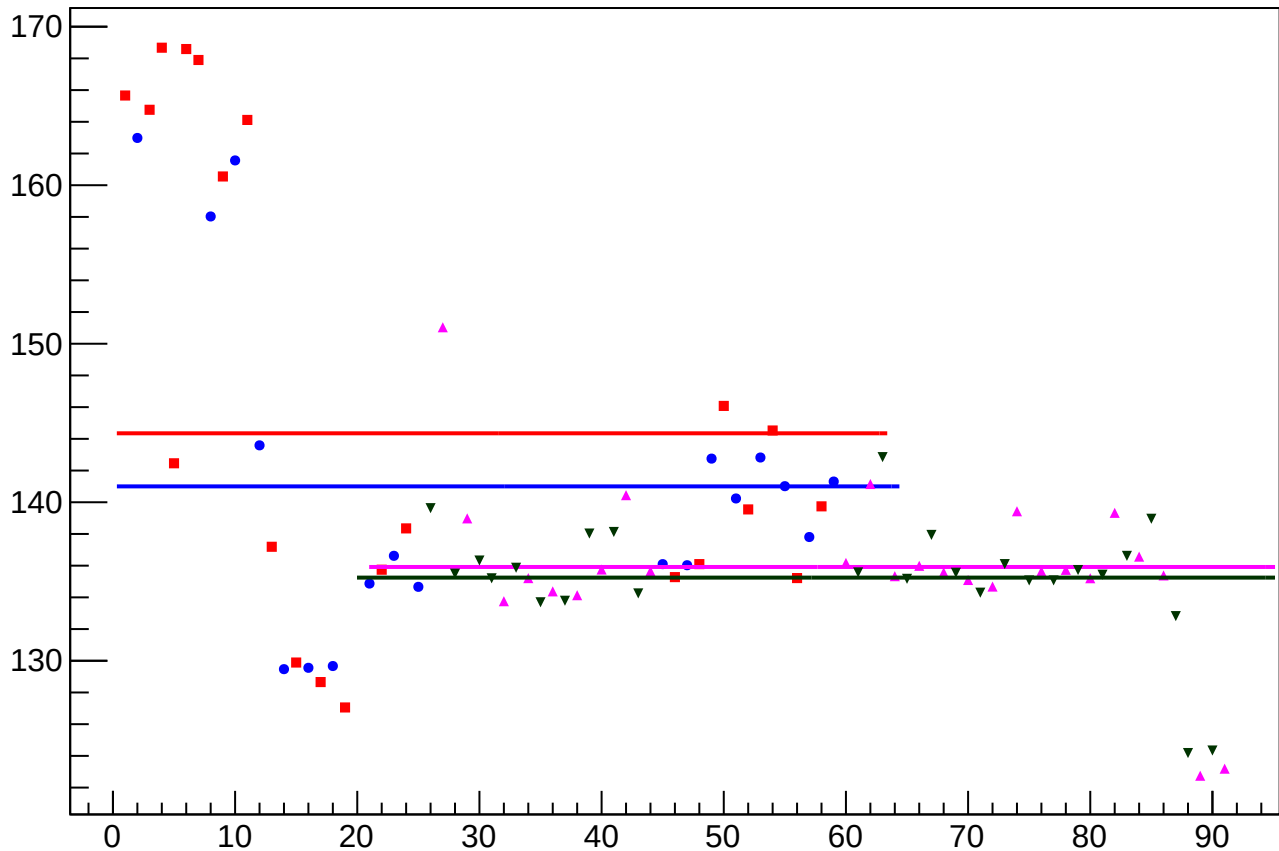
Left Out: 569.946 ± 37.799 χ^2/NDF : 32.5/25

Right Out: 399.142 ± 45.302 χ^2/NDF : 22.1/20

Left In: 489.281 ± 36.534 χ^2/NDF : 30.2/24

504.399 ± 19.948 χ^2/NDF : 104.2/89

reg_asym_left_avg_rms vs slug



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

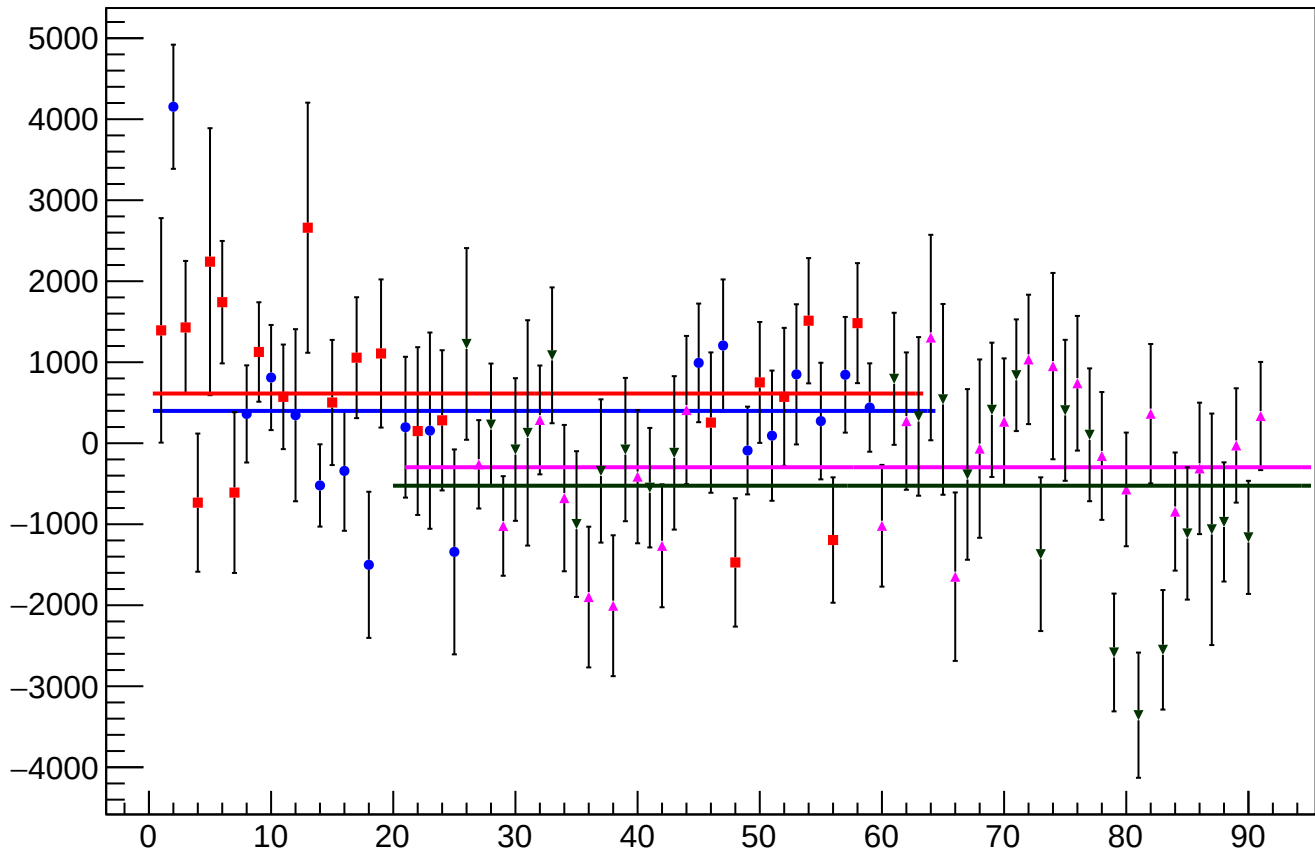
Left Out: 135.246 $\pm$ 0.027 χ^2 /NDF: 20280.5/25

138.532 $\pm$ 0.014 χ^2 /NDF: 437269.0/89

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

asym_left_avg_correction_mean vs slug



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

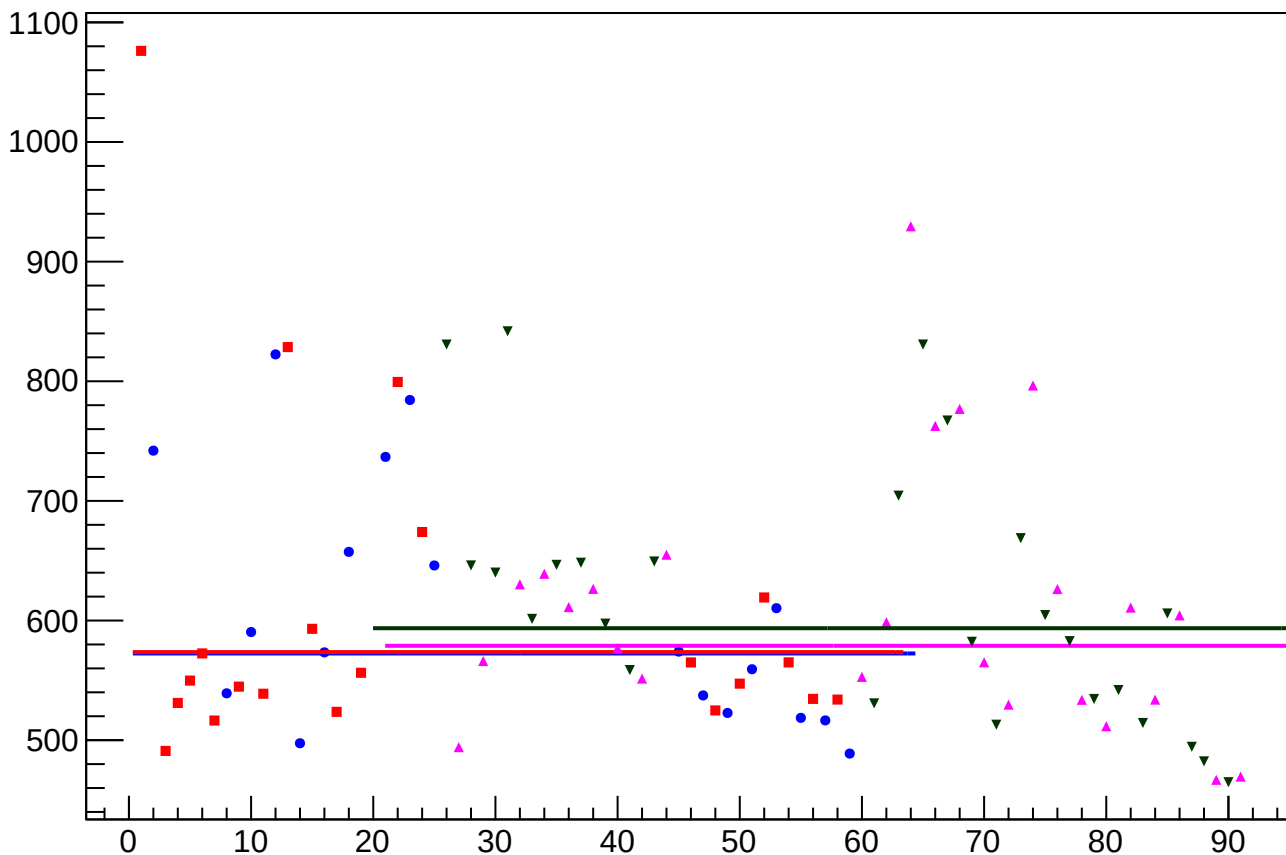
Left Out: -524.515 ± 168.100 χ^2/NDF : 50.9/25

12.361 ± 84.553 χ^2/NDF : 171.6/89

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

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

asym_left_avg_correction_rms vs slug



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

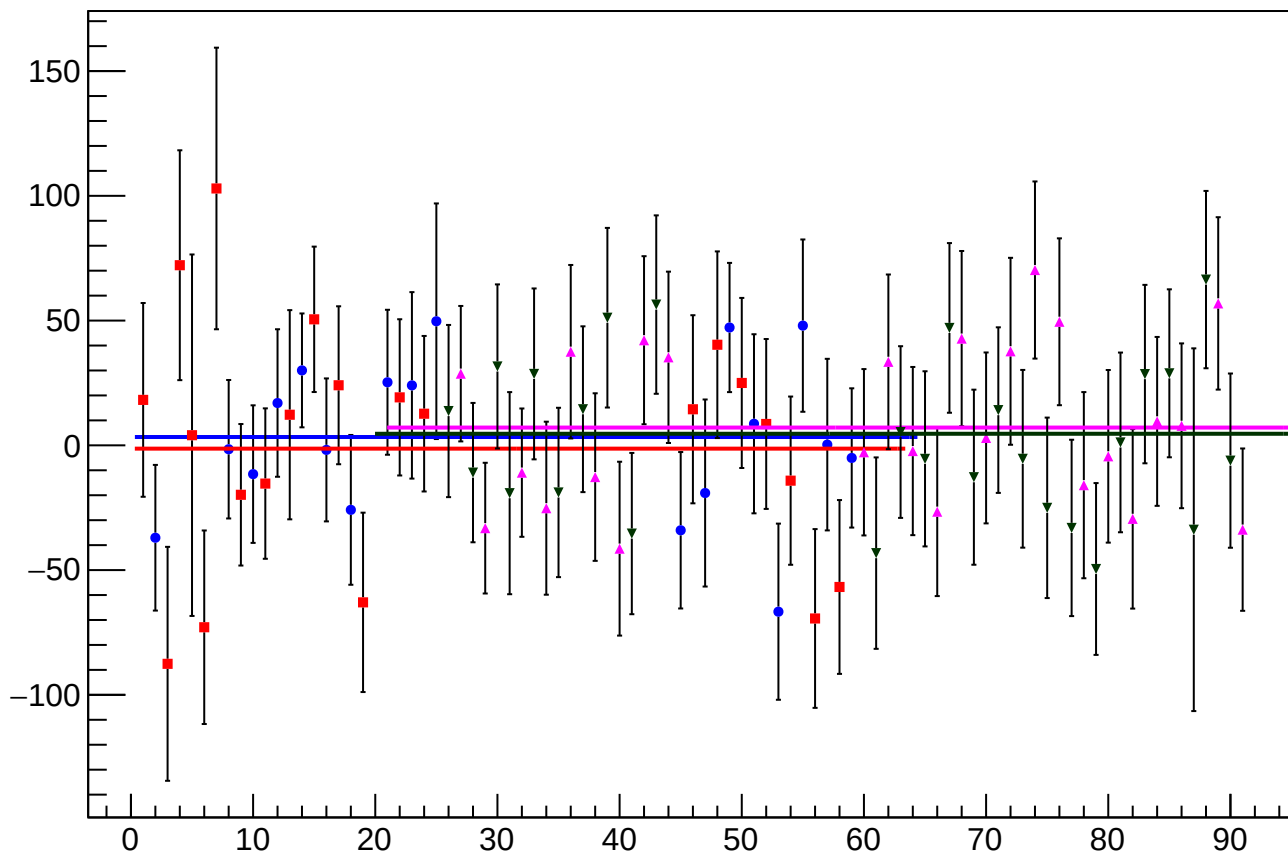
Left Out: 593.578+/-0.119 χ^2/NDF : 568509.8/25

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

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

579.900+/-0.060 χ^2/NDF : 2226770.5/89

reg_asym_left_dd_mean vs slug



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

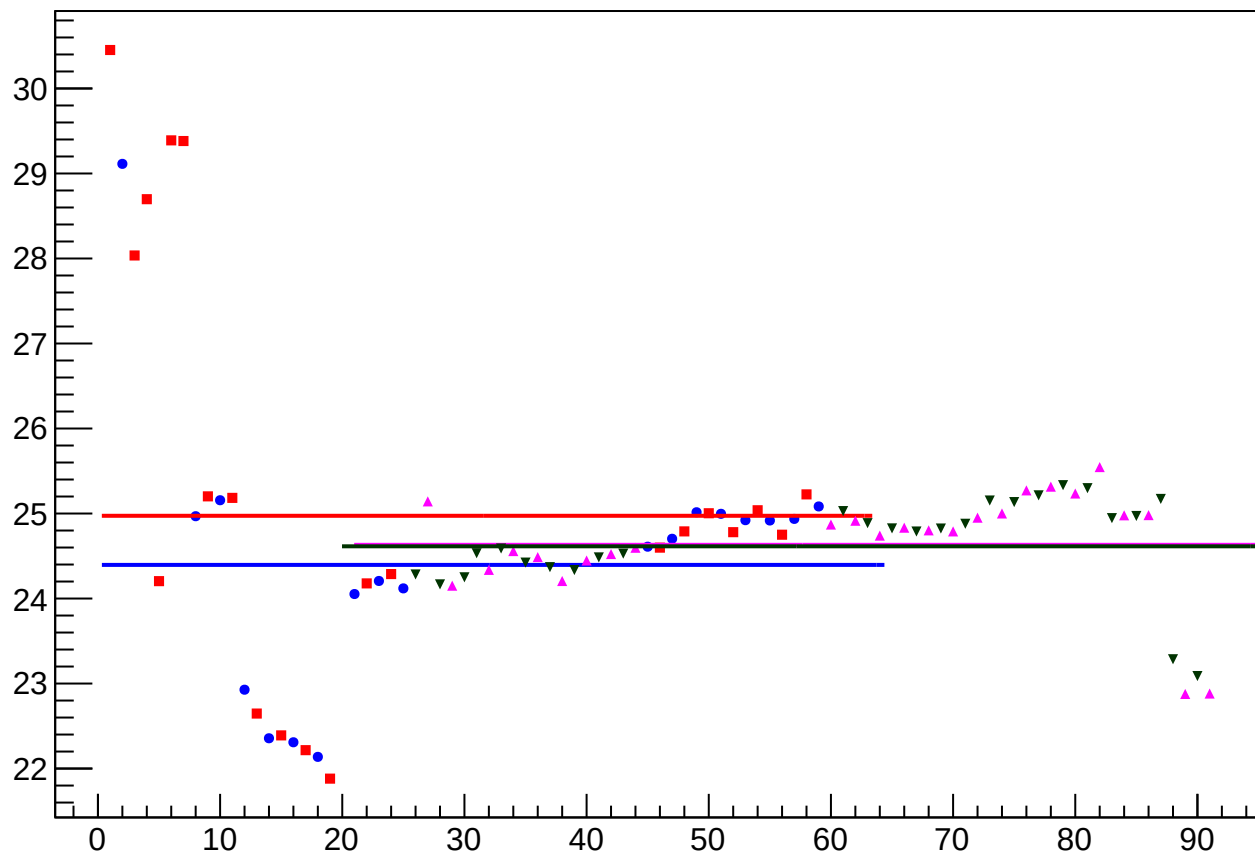
Left Out: 4.635 ± 6.876 $\chi^2/\text{NDF}: 20.0/25$

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

Left In: 7.124 ± 6.614 $\chi^2/\text{NDF}: 22.6/24$

3.815 ± 3.544 $\chi^2/\text{NDF}: 89.8/89$

reg_asym_left_dd_rms vs slug



Right In: 24.396 $\pm$ 0.005 χ^2 /NDF: 102378.3/17

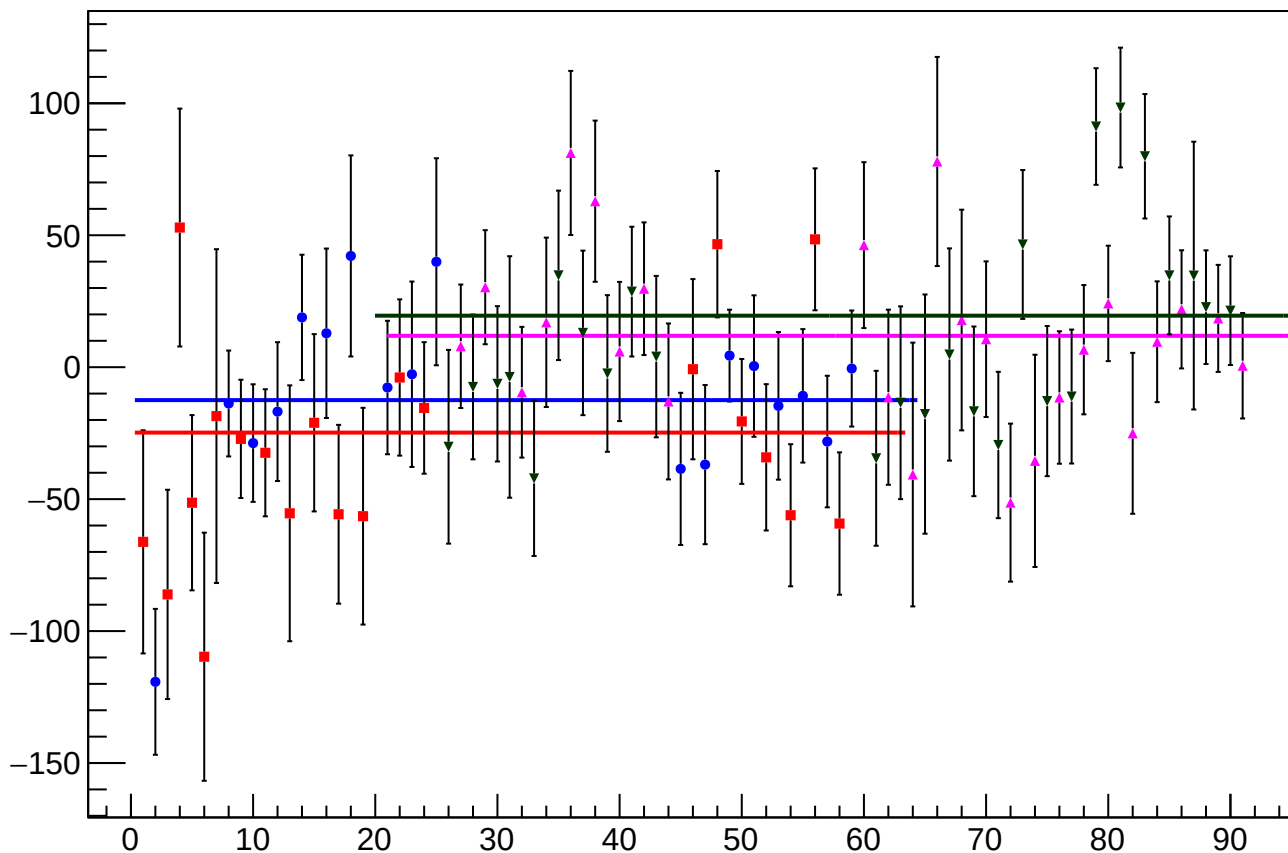
Left Out: 24.614 $\pm$ 0.005 χ^2 /NDF:12143.4/25

Right Out: 24.973 $\pm$ 0.006 χ^2 /NDF: 154619.8/20

Left In: 24.632 $\pm$ 0.005 χ^2 /NDF:17546.0/24

24.640 $\pm$ 0.003 χ^2 /NDF: 292646.3/89

asym_left_dd_correction_mean vs slug



Right In: -12.477 ± 6.060 $\chi^2/\text{NDF}: 25.2/17$

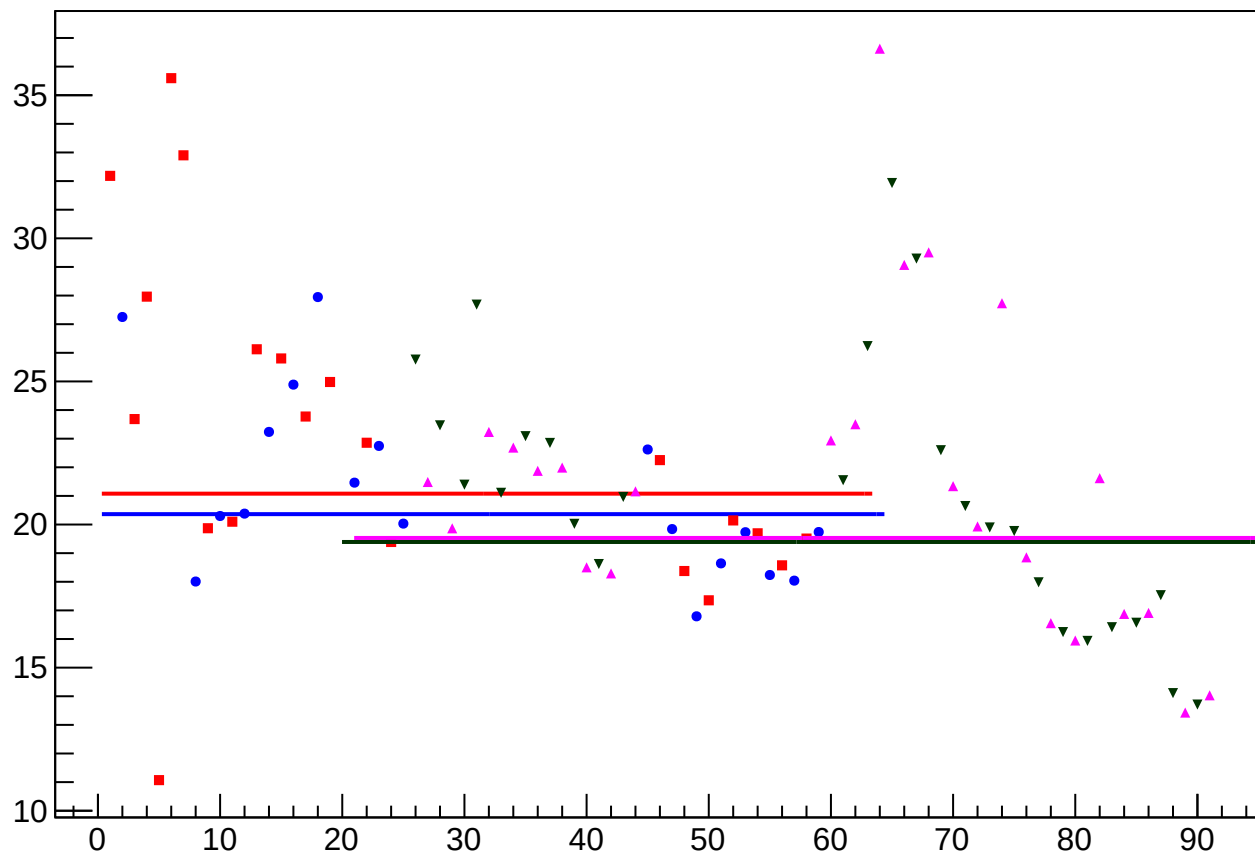
Left Out: 19.517 ± 5.548 $\chi^2/\text{NDF}: 51.5/25$

1.391 ± 2.934 $\chi^2/\text{NDF}: 167.2/89$

Right Out: -24.782 ± 6.754 $\chi^2/\text{NDF}: 30.5/20$

Left In: 11.893 ± 5.383 $\chi^2/\text{NDF}: 25.3/24$

asym_left_dd_correction_rms vs slug



Right In: 20.363 $\pm$ 0.004 χ^2 /NDF: 452705.7/17

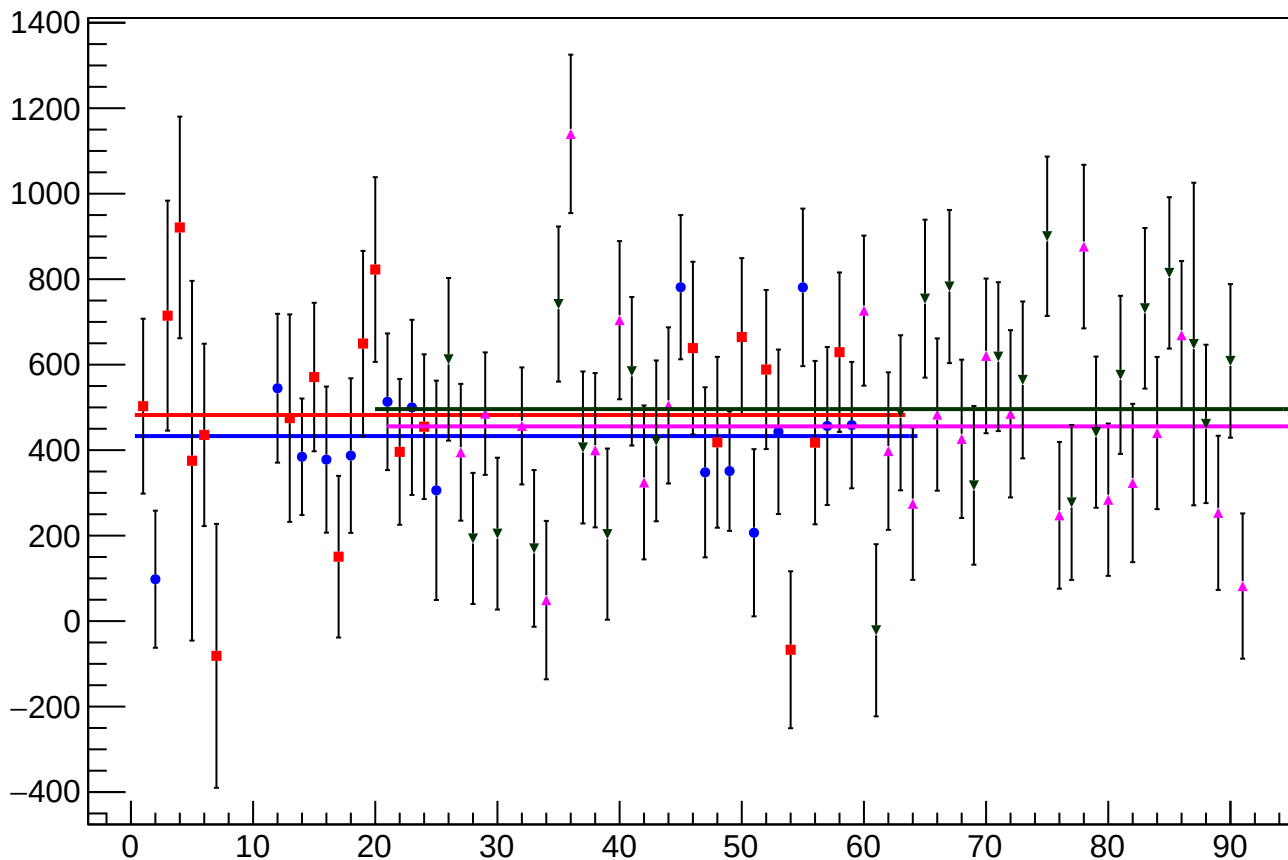
Left Out: 19.390 $\pm$ 0.004 χ^2 /NDF: 1055660.5/25

Right Out: 21.079 $\pm$ 0.005 χ^2 /NDF: 855557.2/20

Left In: 19.531 $\pm$ 0.004 χ^2 /NDF: 1204740.0/24

19.979 $\pm$ 0.002 χ^2 /NDF: 3666076.5/89

reg_asym_right_avg_mean vs slug



Right In: 432.872 ± 43.127 χ^2/NDF : 15.4/15

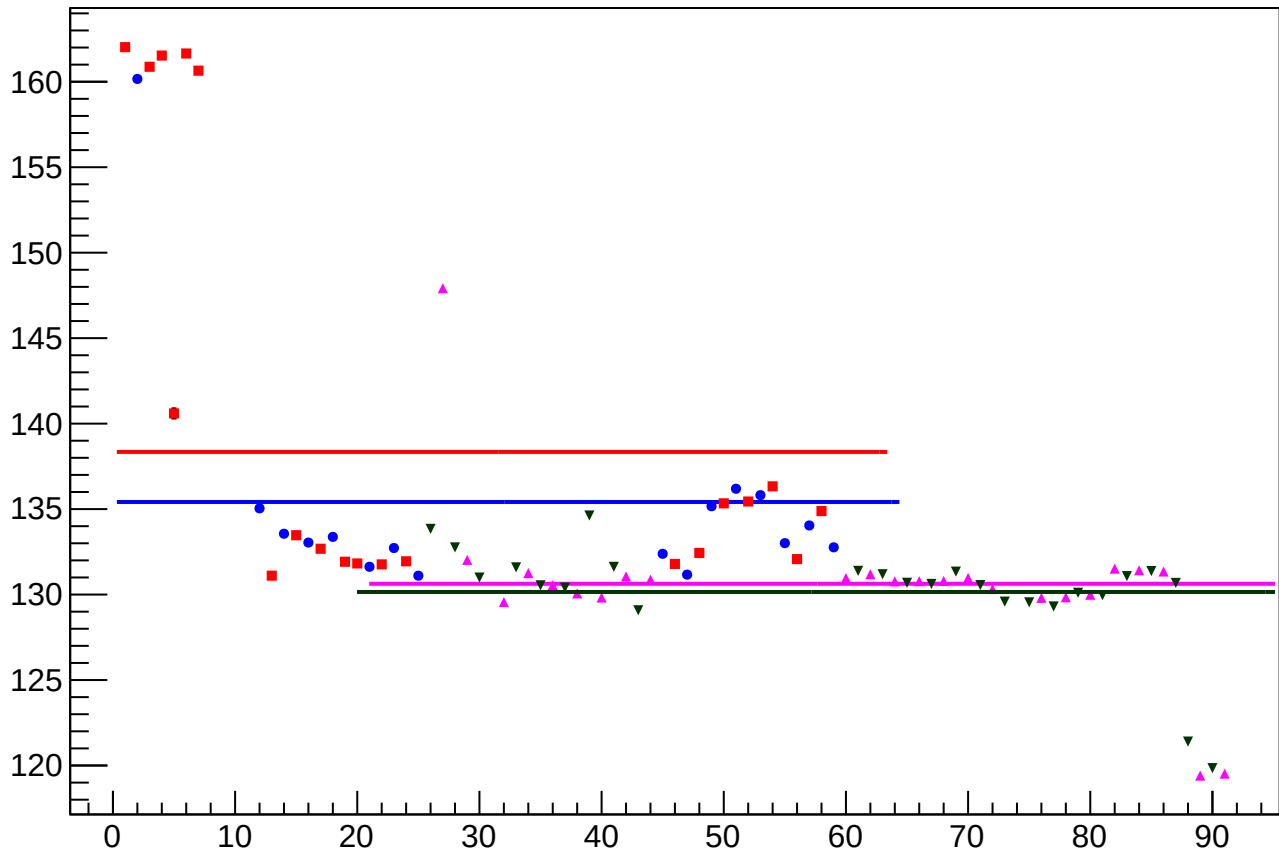
Left Out: 495.999 ± 36.890 χ^2/NDF : 39.3/24

Right Out: 482.228 ± 45.916 χ^2/NDF : 25.5/19

Left In: 455.619 ± 35.743 χ^2/NDF : 40.9/23

467.504 ± 19.883 χ^2/NDF : 122.5/84

reg_asym_right_avg_rms vs slug



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

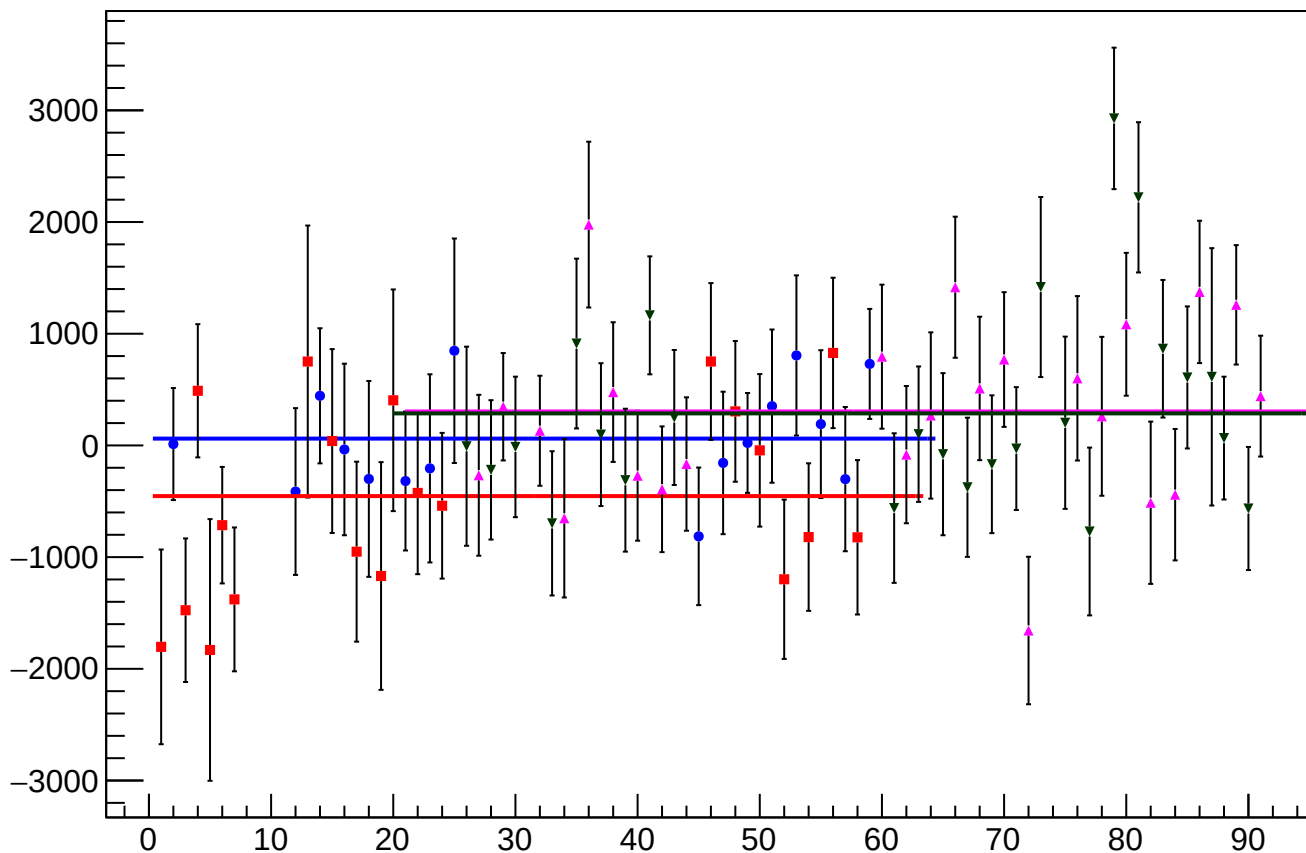
Left Out: 130.152 $\pm$ 0.026 χ^2 /NDF: 14262.3/24

132.956 $\pm$ 0.014 χ^2 /NDF: 275733.9/84

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

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

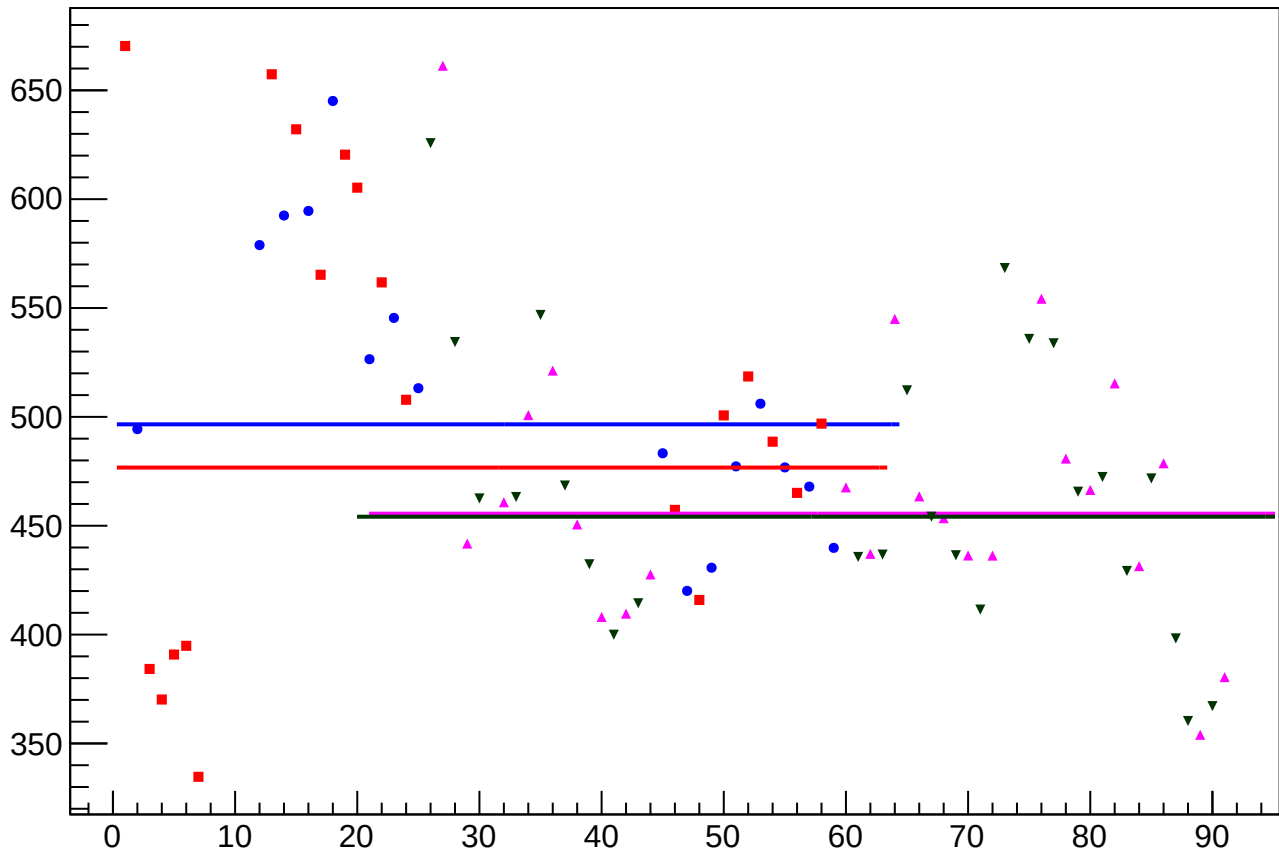
Left Out: 286.875+/-129.945 χ^2/NDF : 45.1/24

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

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

105.256+/-70.687 χ^2/NDF : 128.5/84

asym_right_avg_correction_rms vs slug



Right In: 496.581 ± 0.113 $\chi^2/\text{NDF}: 283842.2/15$

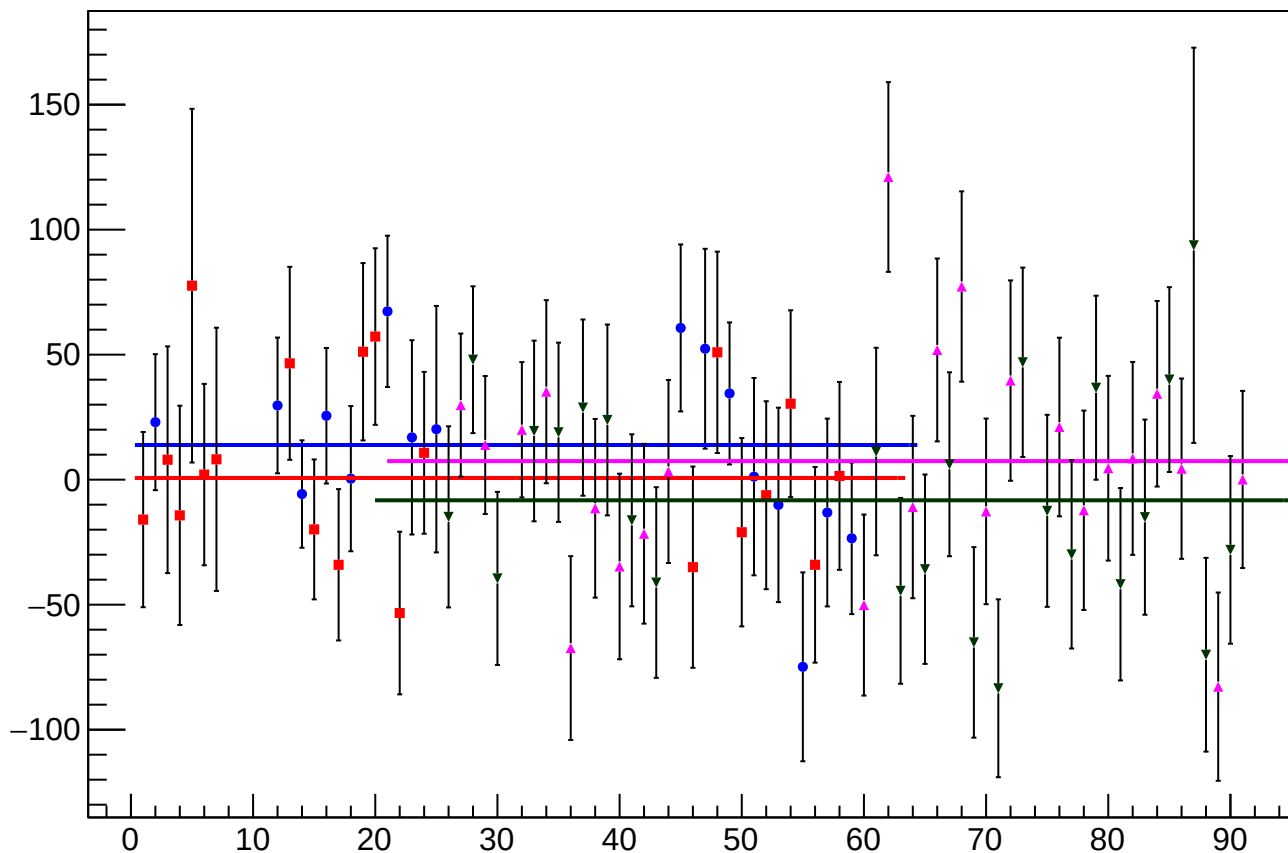
Left Out: 454.147 ± 0.092 $\chi^2/\text{NDF}: 405282.1/24$

Right Out: 476.725 ± 0.114 $\chi^2/\text{NDF}: 638546.9/19$

Left In: 455.547 ± 0.089 $\chi^2/\text{NDF}: 424843.0/23$

467.301 ± 0.050 $\chi^2/\text{NDF}: 1864904.9/84$

reg_asym_right_dd_mean vs slug



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

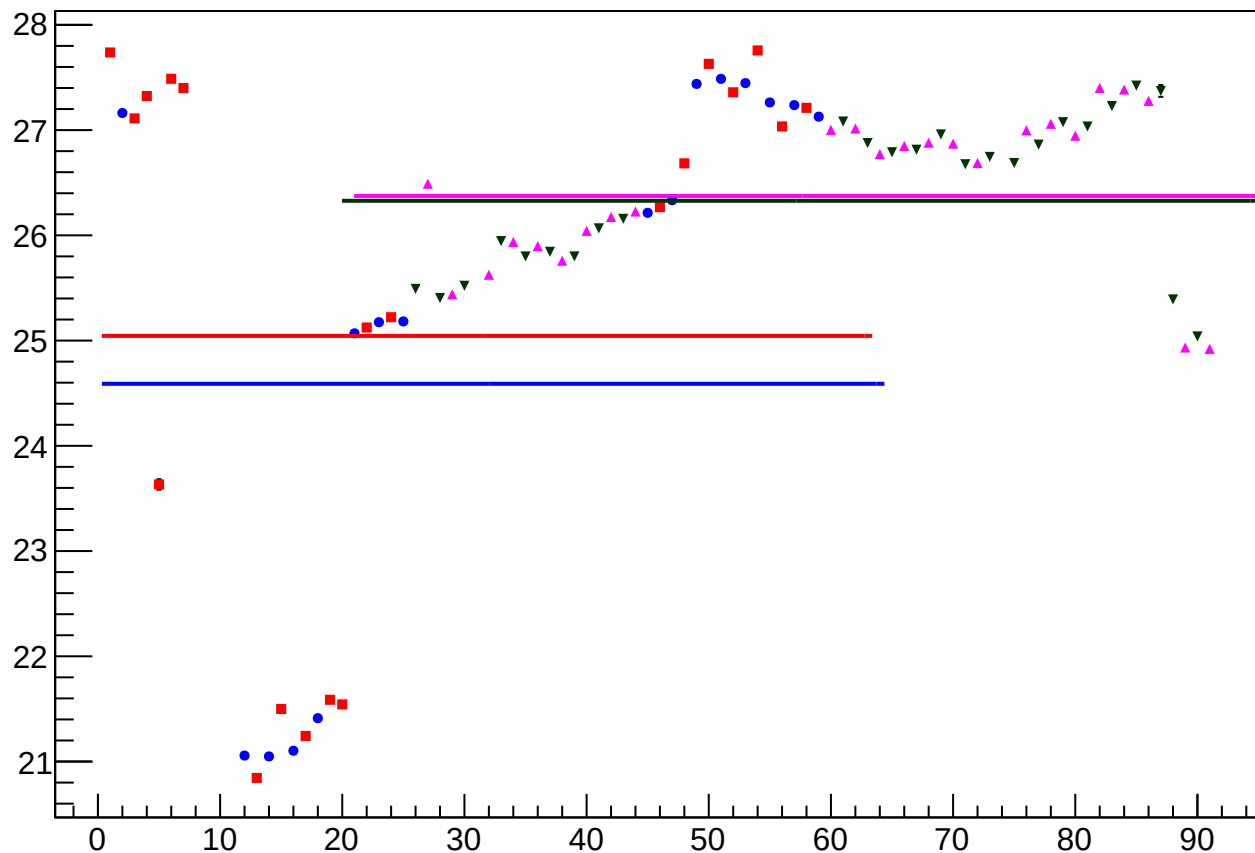
Left Out: -8.252 $\pm$ 7.461 χ^2 /NDF: 27.8/24

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

3.371 $\pm$ 3.842 χ^2 /NDF: 97.2/84

reg_asym_right_dd_rms vs slug



Right In: 24.589 $\pm$ 0.006 χ^2 /NDF: 248610.8/15

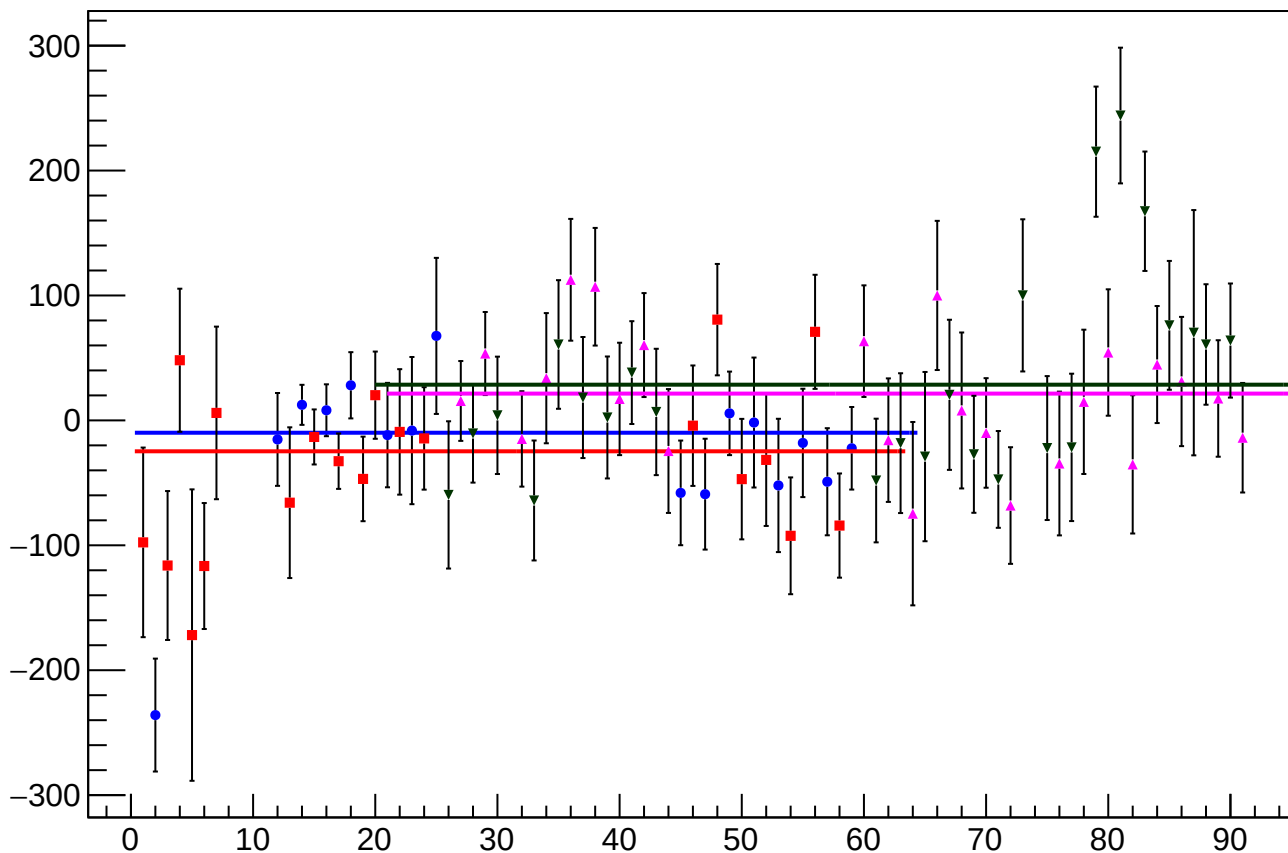
Left Out: 26.328 $\pm$ 0.005 χ^2 /NDF:17200.5/24

Right Out: 25.044 $\pm$ 0.006 χ^2 /NDF: 205862.1/19

Left In: 26.374 $\pm$ 0.005 χ^2 /NDF:20031.6/23

25.654 $\pm$ 0.003 χ^2 /NDF: 575286.3/84

asym_right_dd_correction_mean vs slug



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

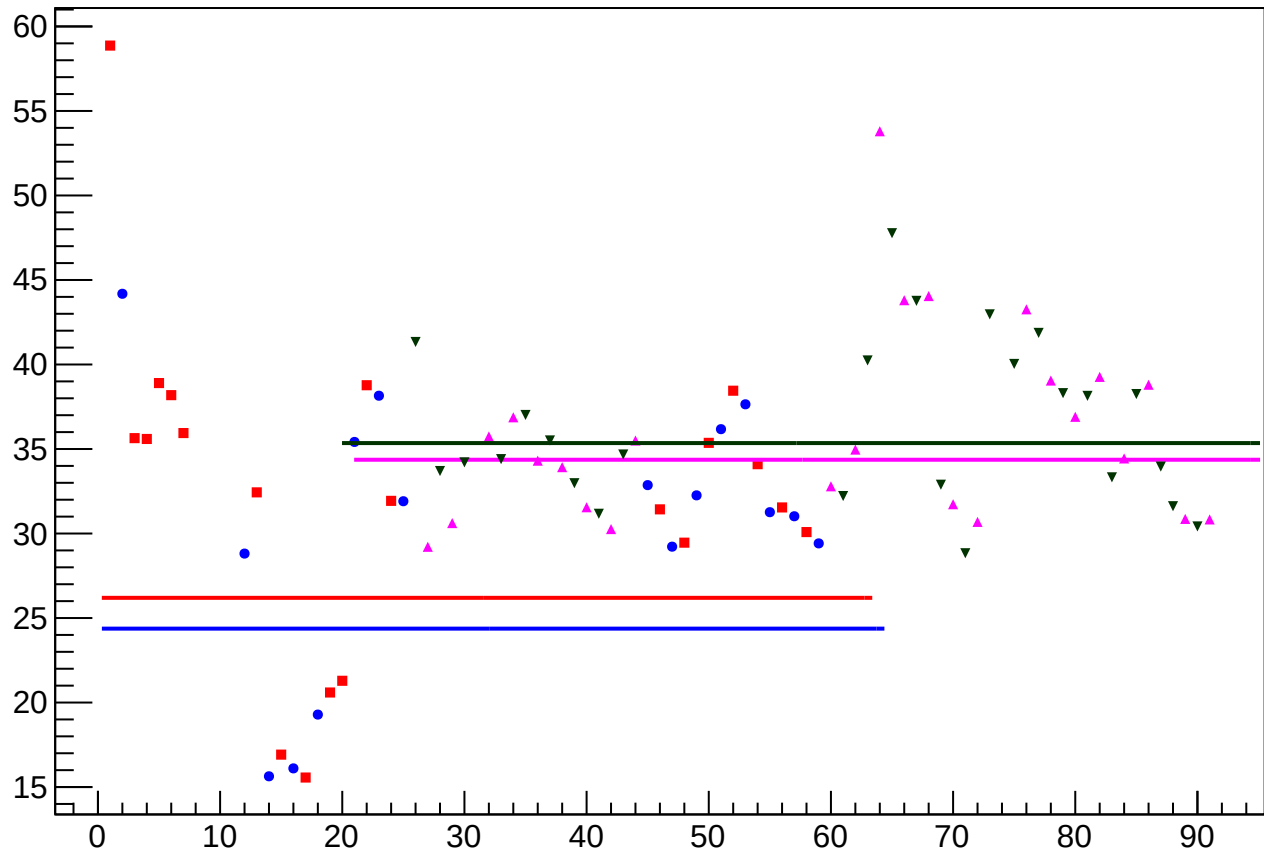
Left Out: 28.583 ± 10.122 χ^2/NDF : 59.2/24

1.709 ± 4.605 χ^2/NDF : 167.1/84

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

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

asym_right_dd_correction_rms vs slug



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

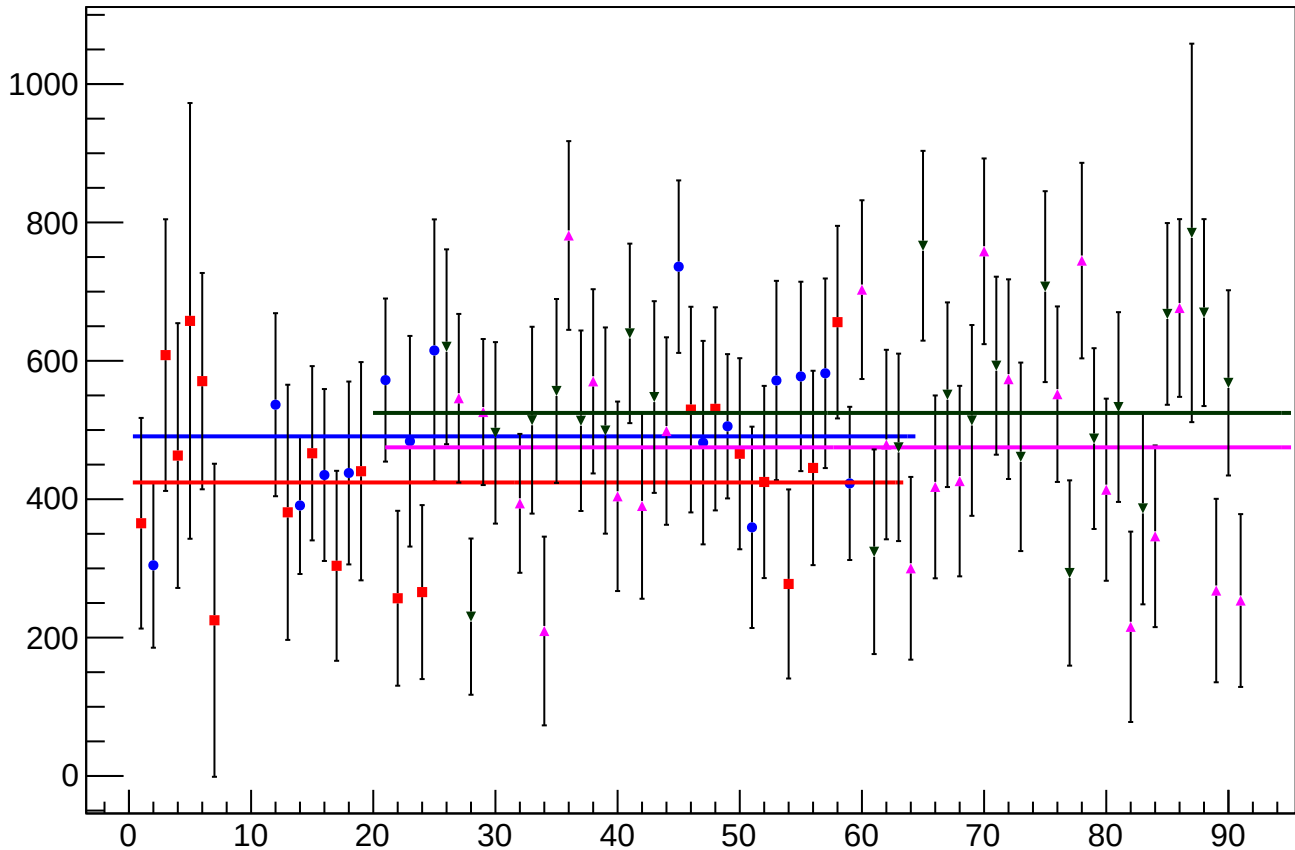
Left Out: 35.351+/-0.007 χ^2 /NDF: 372015.9/24

29.435+/-0.003 χ^2 /NDF: 7409130.2/84

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

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

reg_asym_us_avg_mean vs slug



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

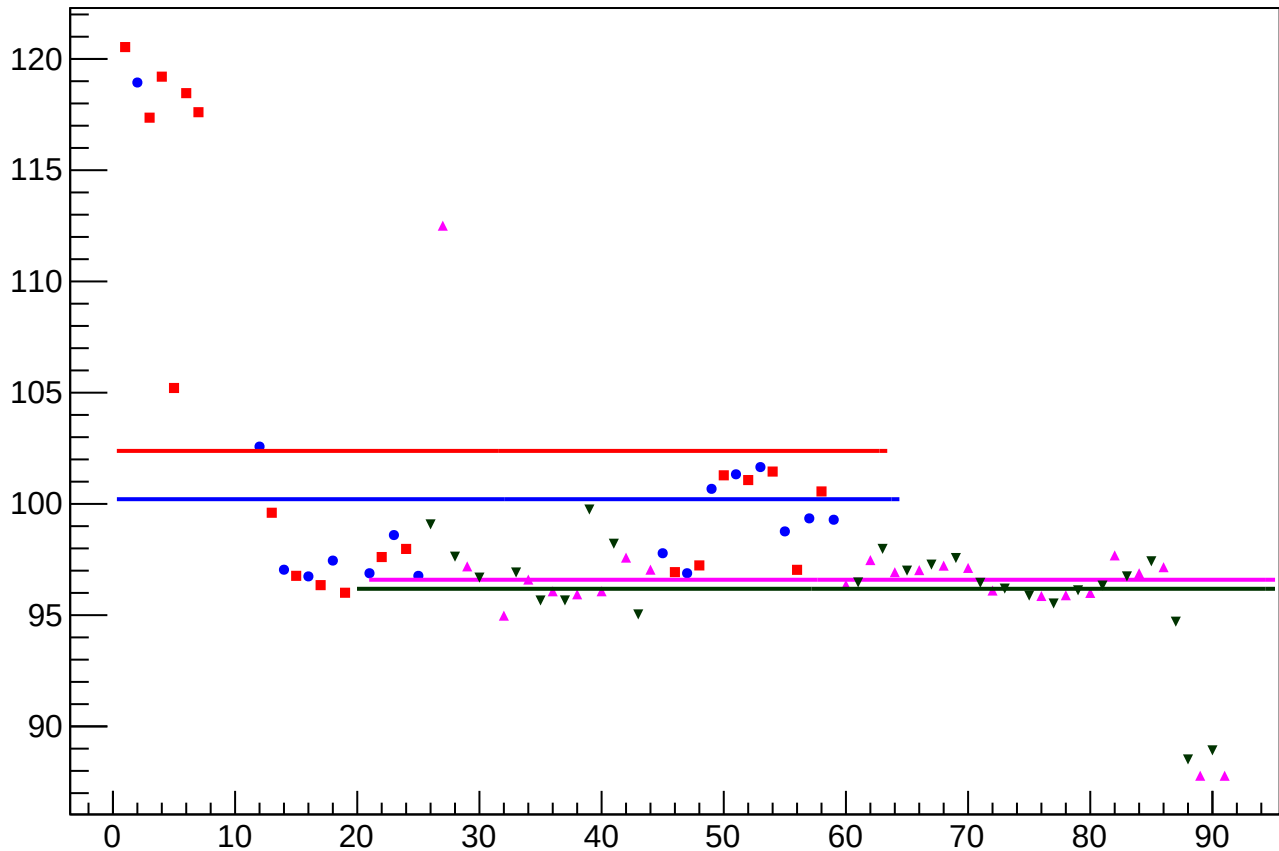
Left Out: 524.702 ± 27.274 χ^2/NDF : 23.0/24

483.745 ± 14.767 χ^2/NDF : 90.2/83

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

Left In: 474.958 ± 26.441 χ^2/NDF : 38.1/23

reg_asym_us_avg_rms vs slug



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

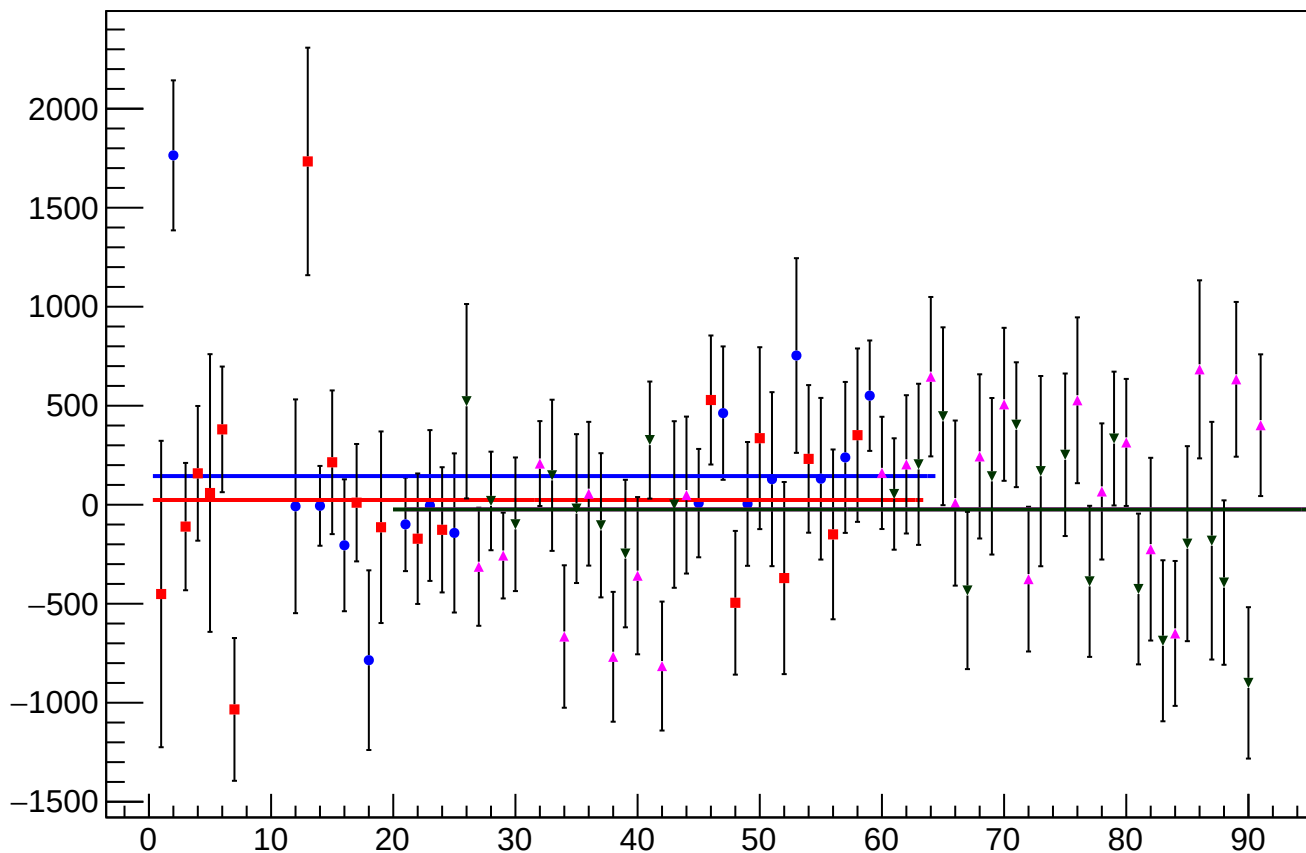
Left Out: 96.185 $\pm$ 0.019 χ^2 /NDF:16530.4/24

98.295 $\pm$ 0.010 χ^2 /NDF: 297206.5/83

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

asym_us_avg_correction_mean vs slug



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

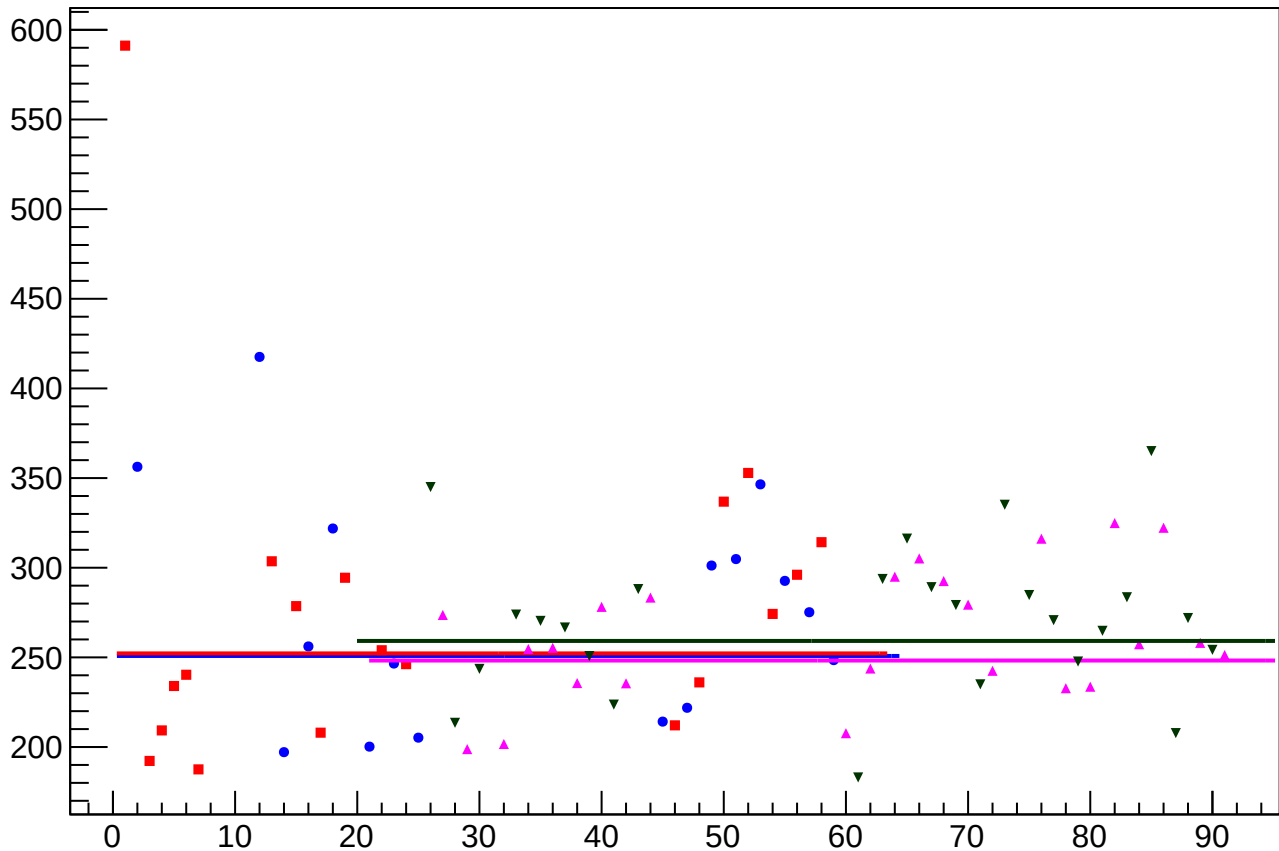
Left Out: -23.908 $\pm$ 74.601 χ^2 /NDF: 20.6/24

22.909 $\pm$ 38.778 χ^2 /NDF: 119.5/83

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

asym_us_avg_correction_rms vs slug



Right In: 250.790 $\pm$ 0.058 χ^2 /NDF: 893098.6/15

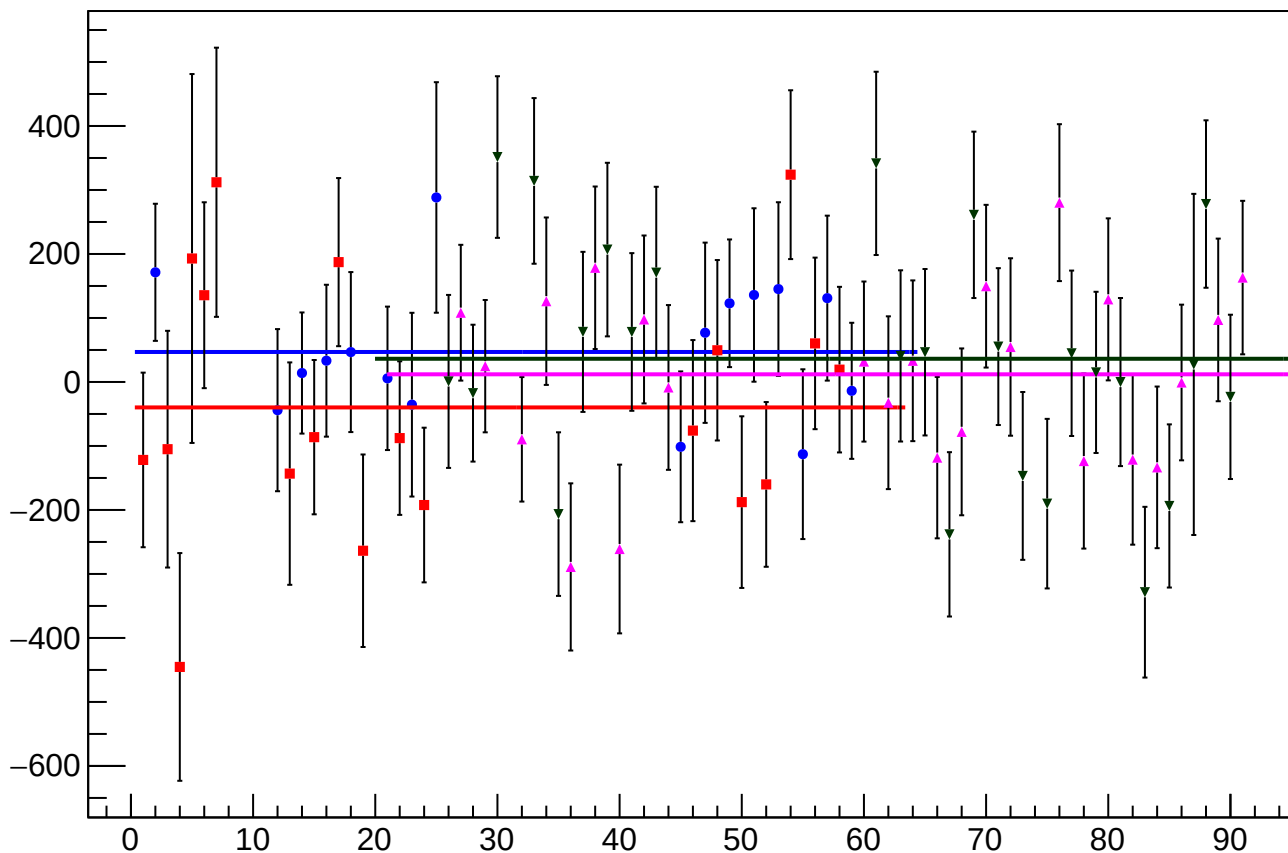
Left Out: 259.169 $\pm$ 0.053 χ^2 /NDF: 578098.9/24

252.528 $\pm$ 0.027 χ^2 /NDF: 2954966.9/83

Right Out: 252.214 $\pm$ 0.062 χ^2 /NDF: 897279.8/18

Left In: 248.238 $\pm$ 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

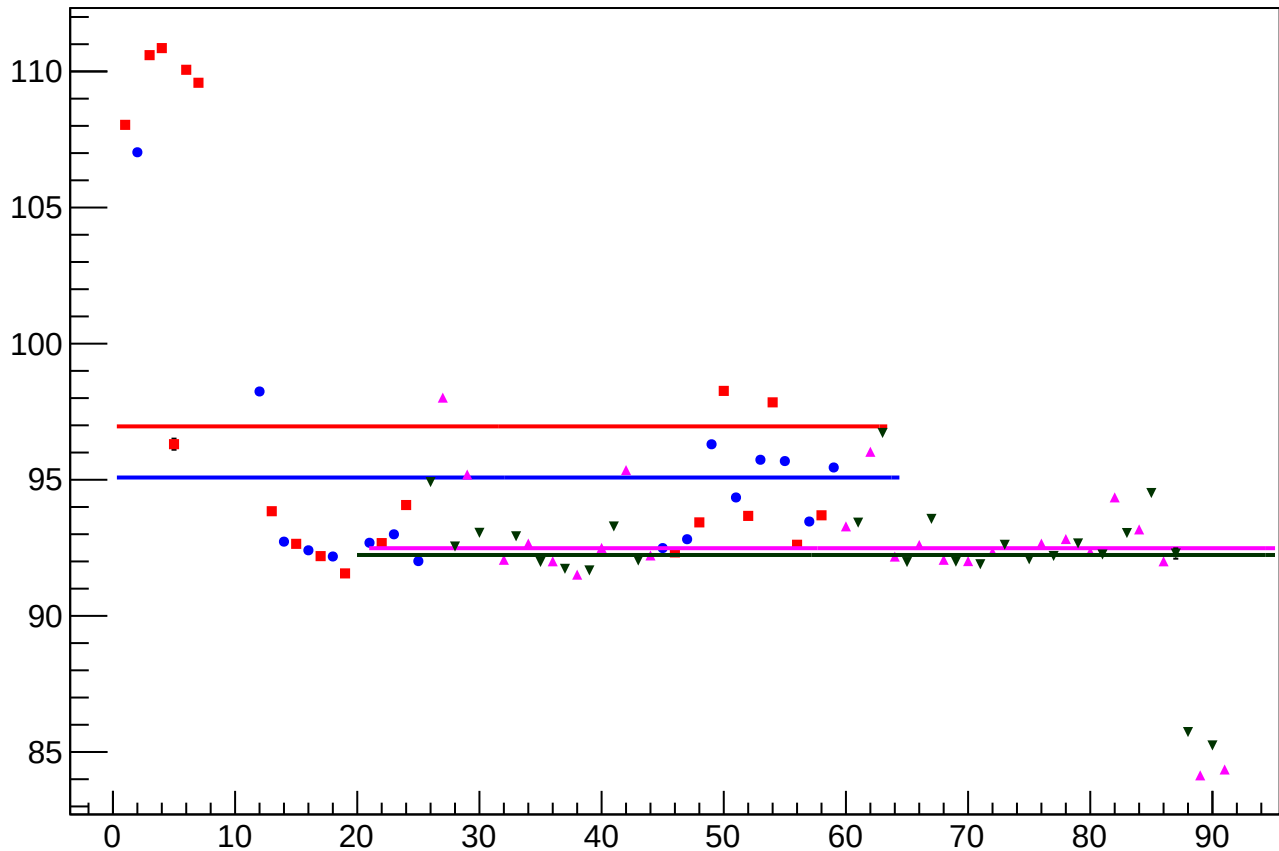
Left Out: 36.253 $\pm$ 26.147 χ^2 /NDF: 49.1/24

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

17.047 $\pm$ 14.080 χ^2 /NDF: 120.7/83

reg_asym_us_dd_rms vs slug



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

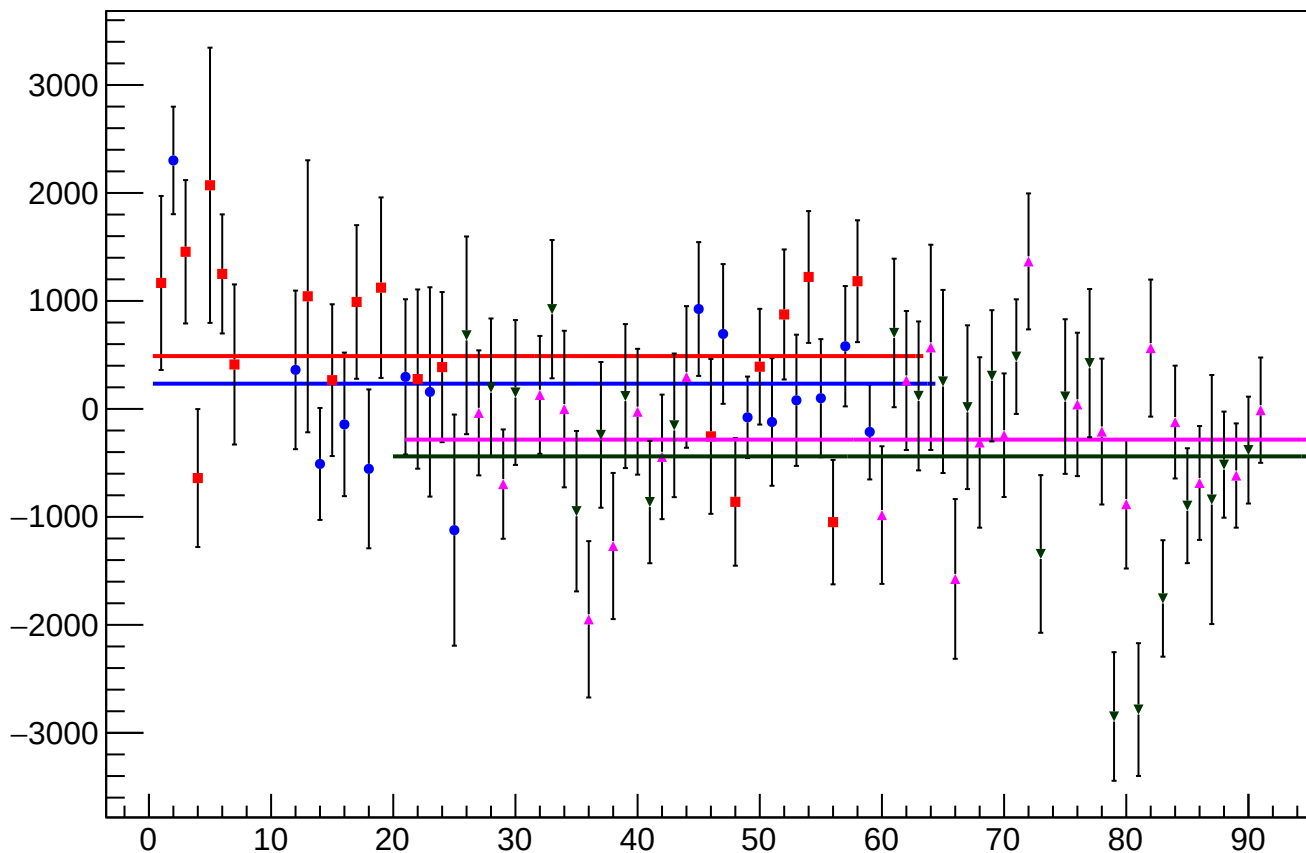
Left Out: 92.237 $\pm$ 0.018 χ^2 /NDF:15429.6/24

93.799 $\pm$ 0.010 χ^2 /NDF: 191752.1/83

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

asym_us_dd_correction_mean vs slug



Right In: 233.668 ± 146.003 χ^2/NDF : 26.8/15

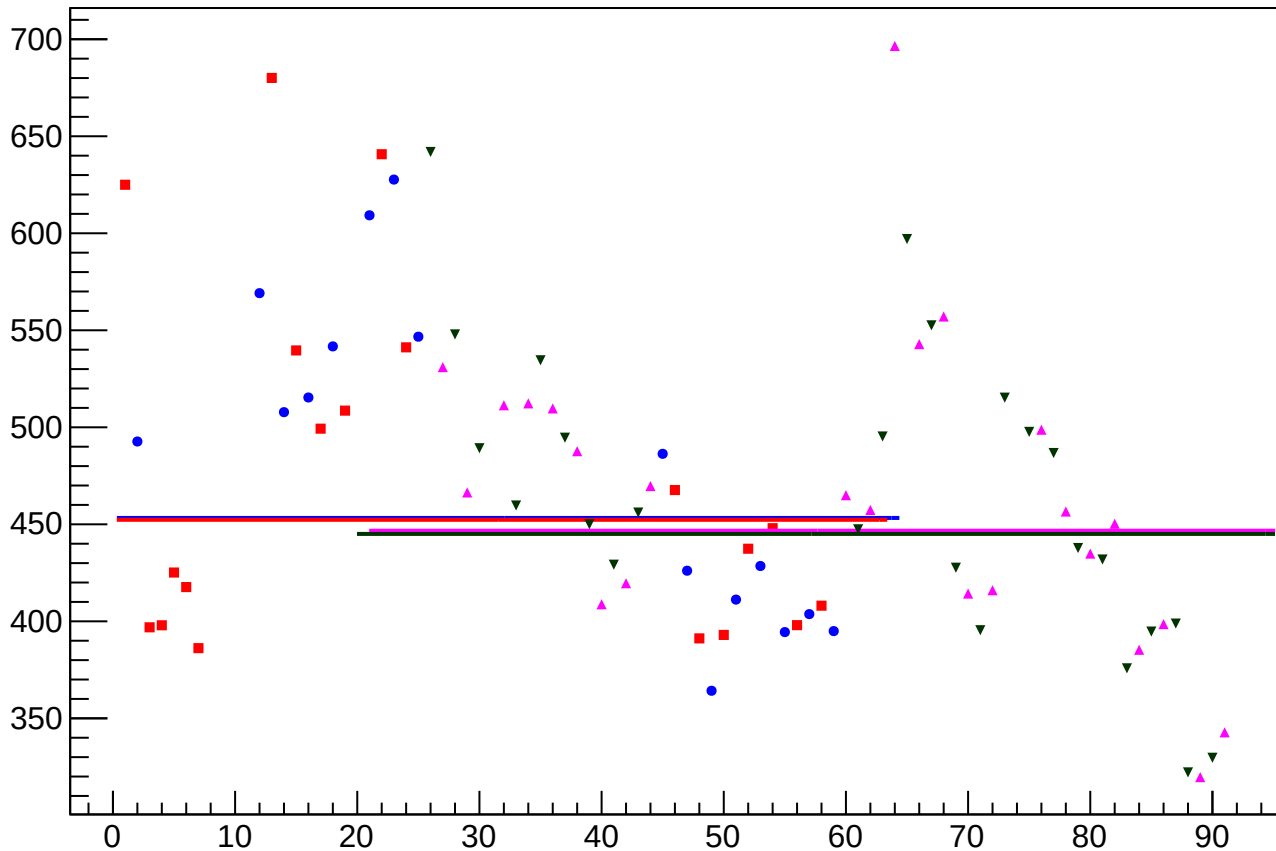
Left Out: -439.639 ± 128.154 χ^2/NDF : 60.2/24

-65.432 ± 68.317 χ^2/NDF : 170.5/83

Right Out: 489.208 ± 155.326 χ^2/NDF : 27.7/18

Left In: -284.397 ± 124.024 χ^2/NDF : 27.2/23

asym_us_dd_correction_rms vs slug



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

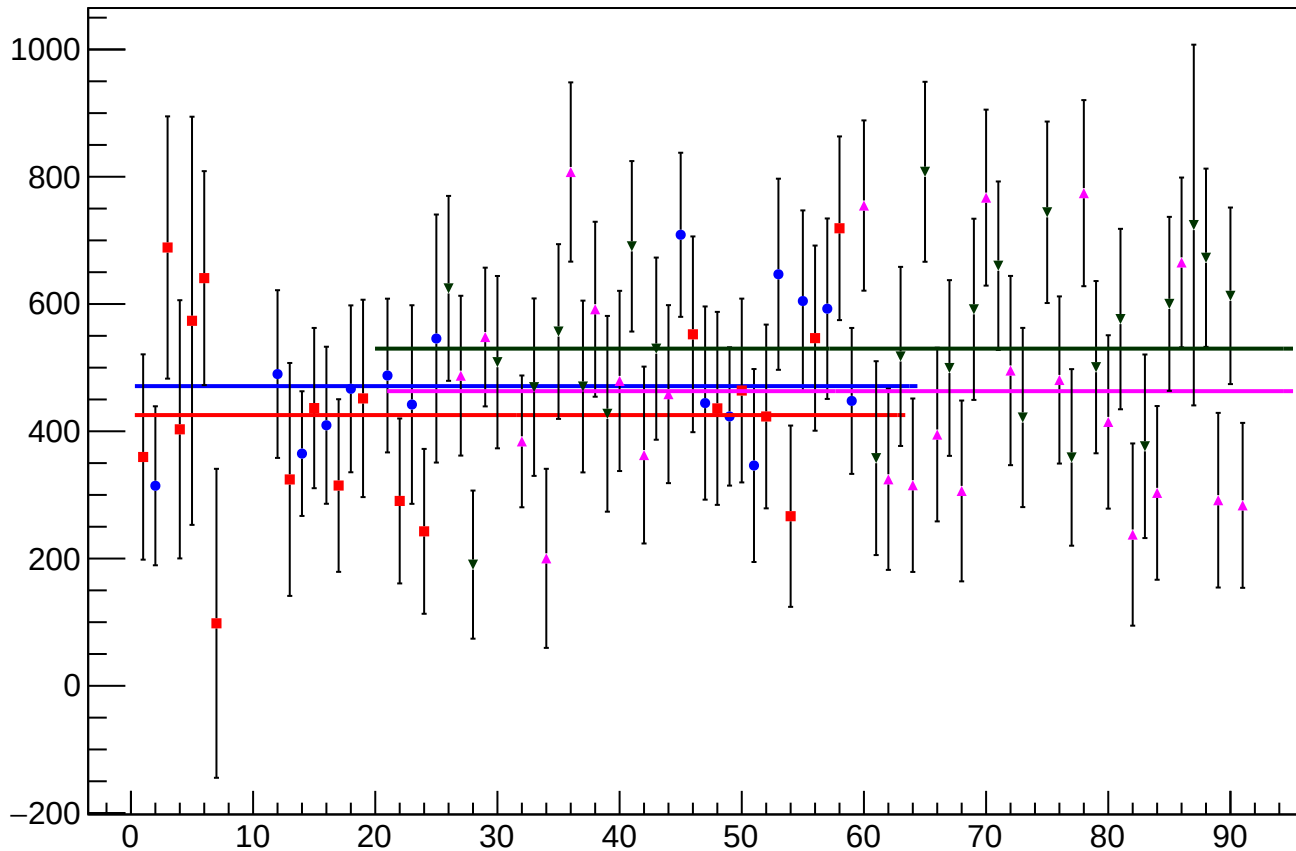
Left Out: 445.048+/-0.091 χ^2/NDF : 655831.2/24

448.761+/-0.048 χ^2/NDF : 2286434.9/83

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

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

reg_asym_ds_avg_mean vs slug



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

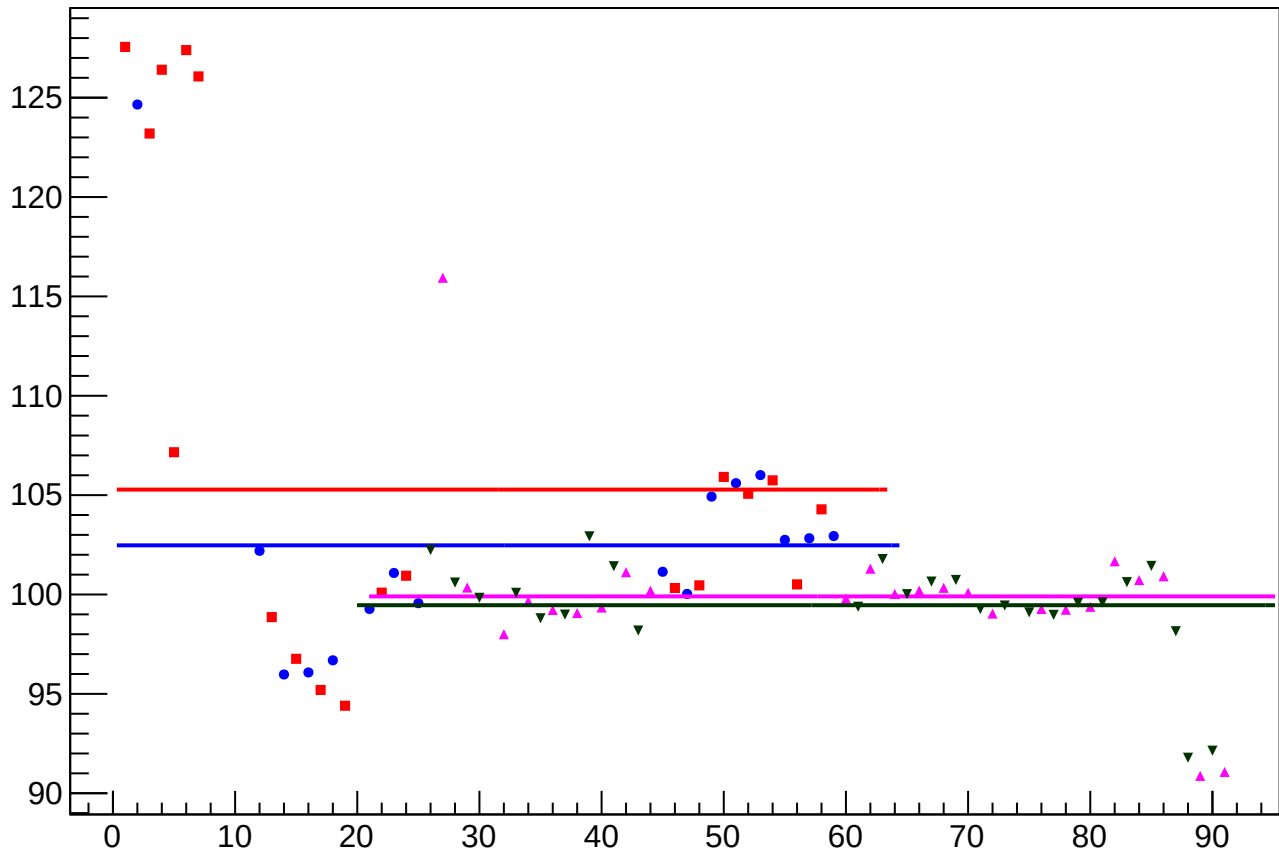
Left Out: 529.899 ± 28.204 χ^2/NDF : 25.4/24

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

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

477.443 ± 15.226 χ^2/NDF : 97.9/83

reg_asym_ds_avg_rms vs slug



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

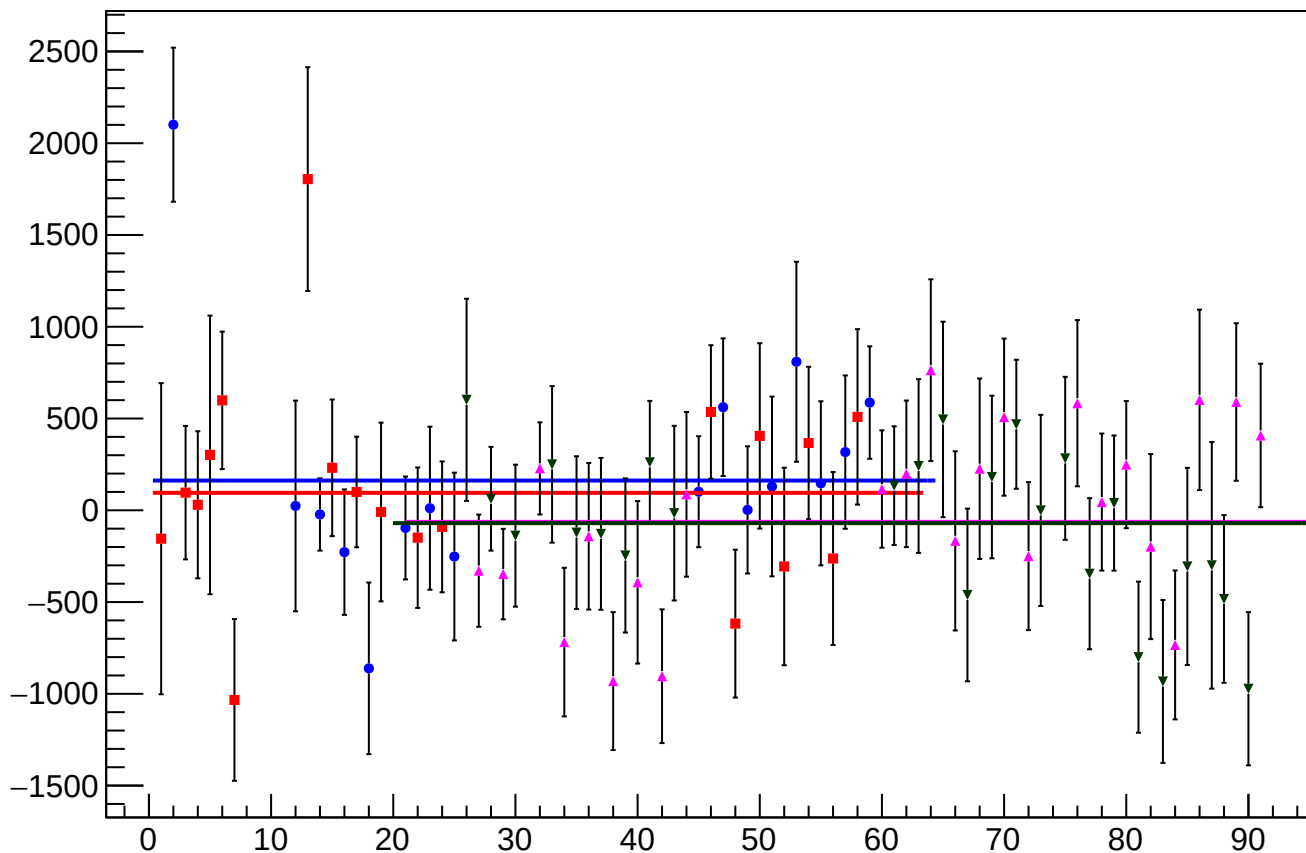
Left Out: 99.461+/-0.020 χ^2/NDF : 15743.9/24

101.308+/-0.011 χ^2/NDF : 364824.2/83

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

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

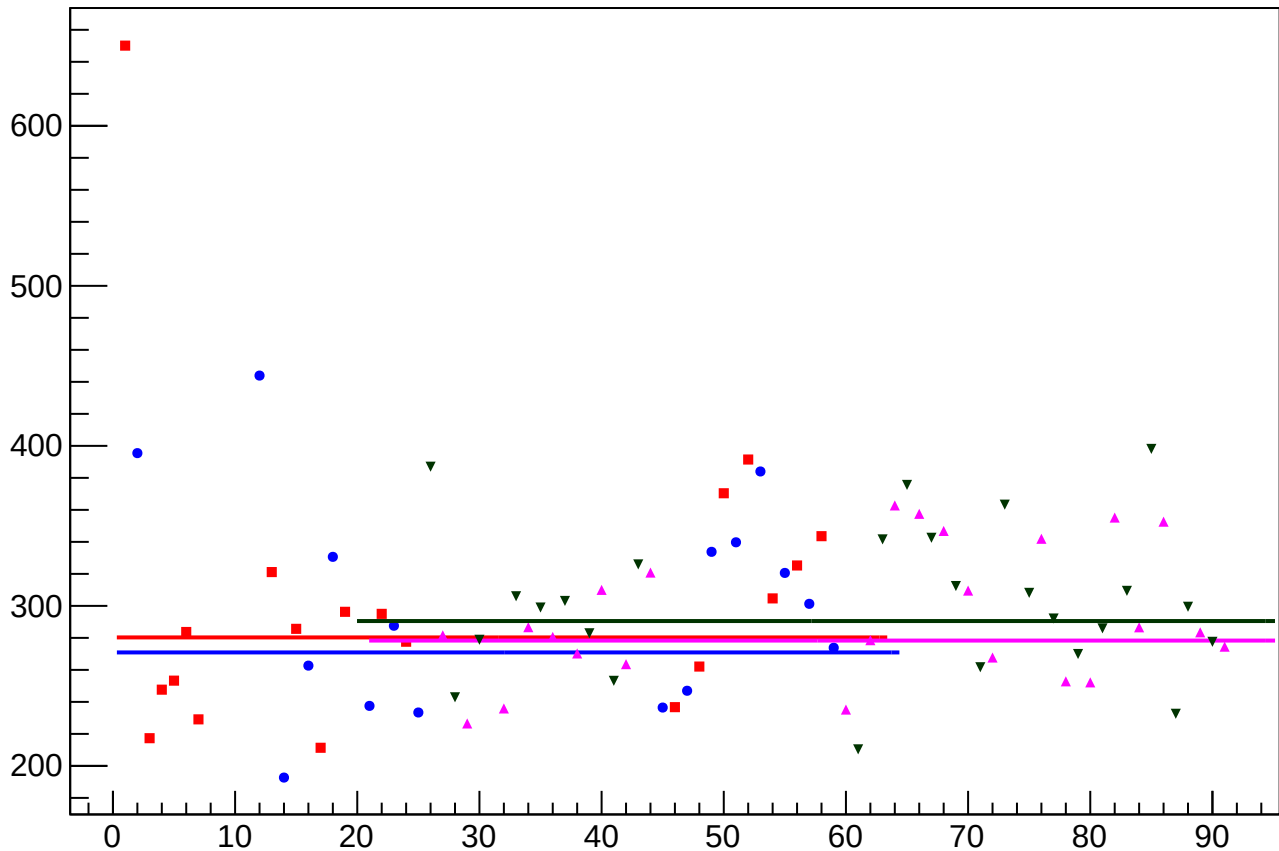
Left Out: -69.955 ± 83.585 χ^2/NDF : 22.7/24

18.095 ± 43.027 χ^2/NDF : 122.4/83

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

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

asym_ds_avg_correction_rms vs slug



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

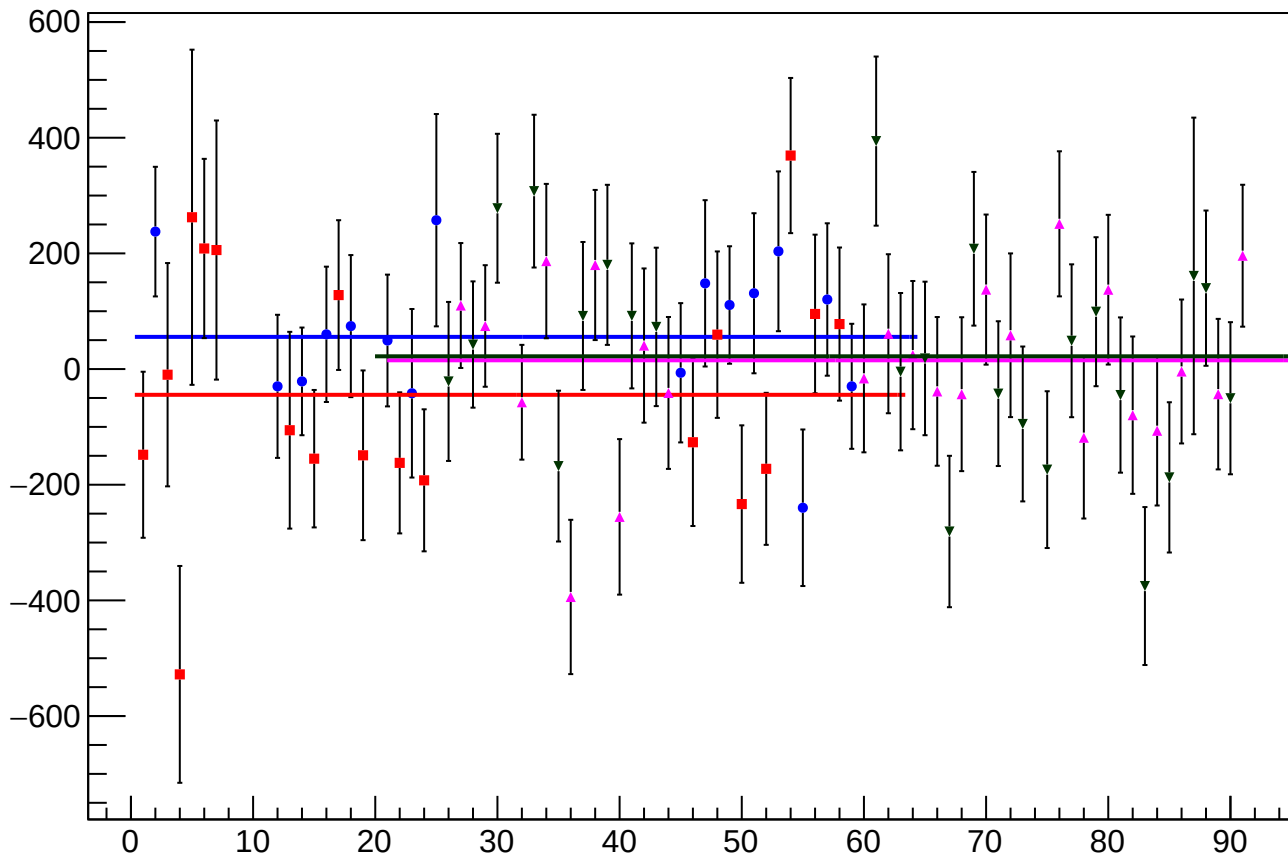
Left Out: 290.526+/-0.059 χ^2/NDF : 552370.4/24

280.215+/-0.030 χ^2/NDF : 2994208.9/83

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

Left In: 278.321+/-0.055 χ^2/NDF : 530693.6/23

reg_asym_ds_dd_mean vs slug



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

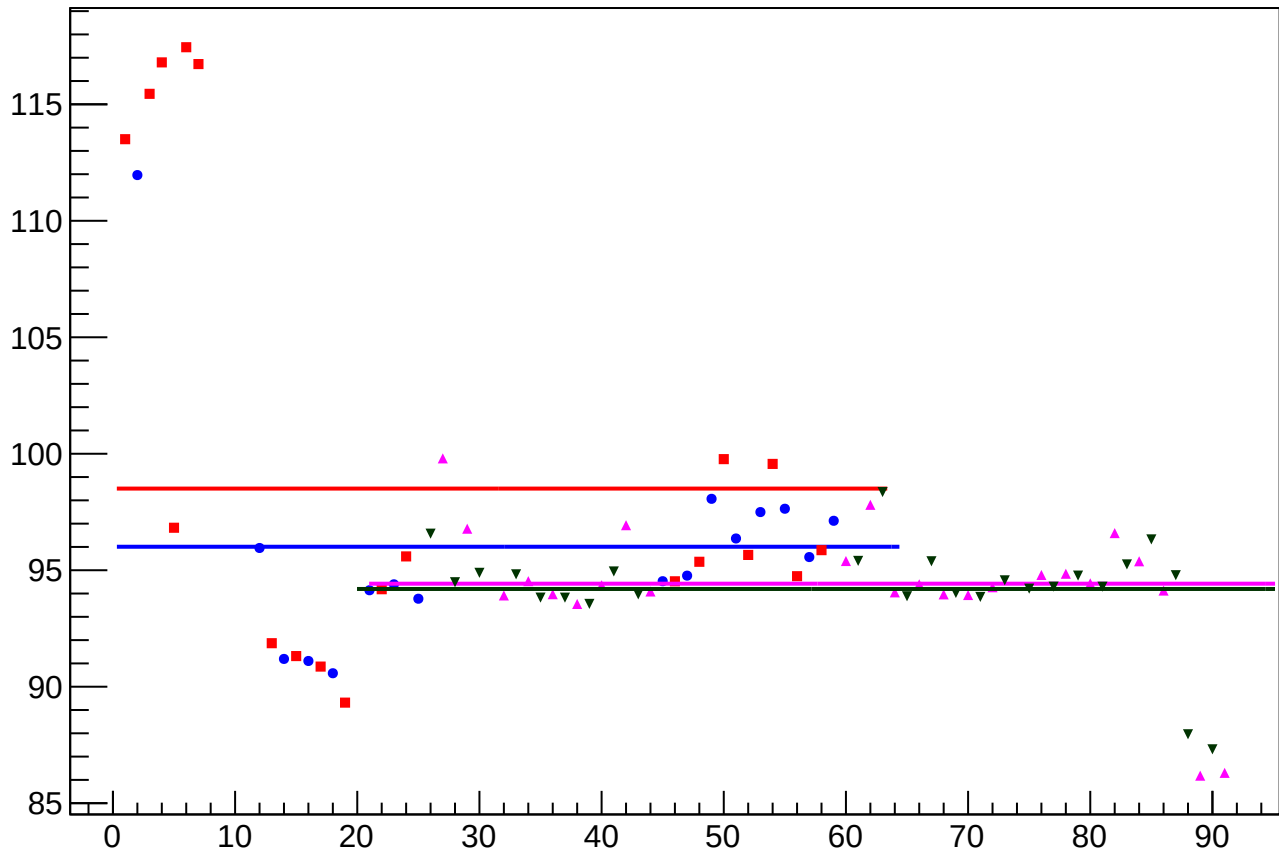
Left Out: 22.043 ± 26.701 χ^2/NDF : 42.9/24

15.050 ± 14.334 χ^2/NDF : 123.7/83

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

Left In: 15.138 ± 25.832 χ^2/NDF : 29.2/23

reg_asym_ds_dd_rms vs slug



Right In: 96.008+/-0.022 χ^2 /NDF: 56430.9/15

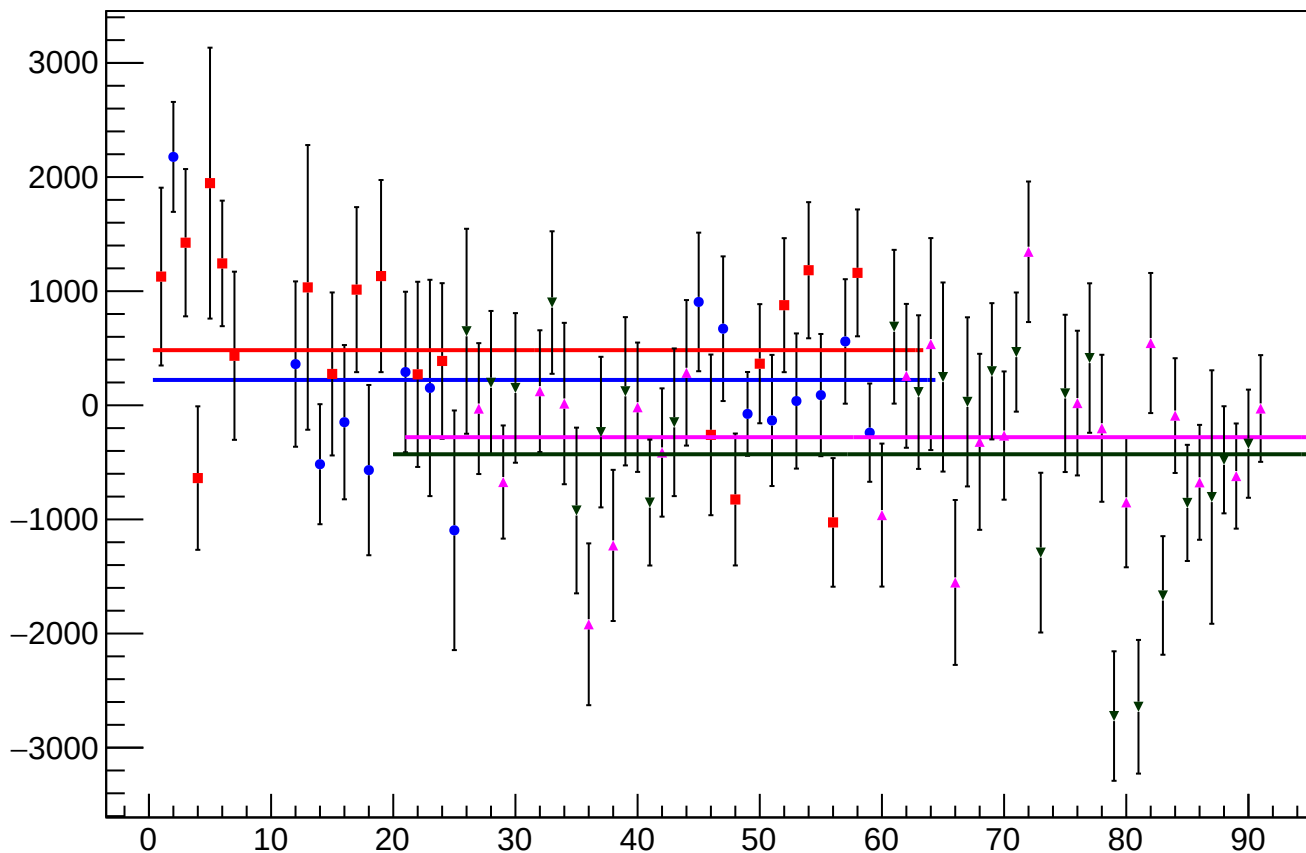
Left Out: 94.196+/-0.019 χ^2 /NDF:13588.1/24

95.457+/-0.010 χ^2 /NDF: 254971.5/83

Right Out: 98.505+/-0.024 χ^2 /NDF: 134278.6/18

Left In: 94.422+/-0.018 χ^2 /NDF:25706.8/23

asym_ds_dd_correction_mean vs slug



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

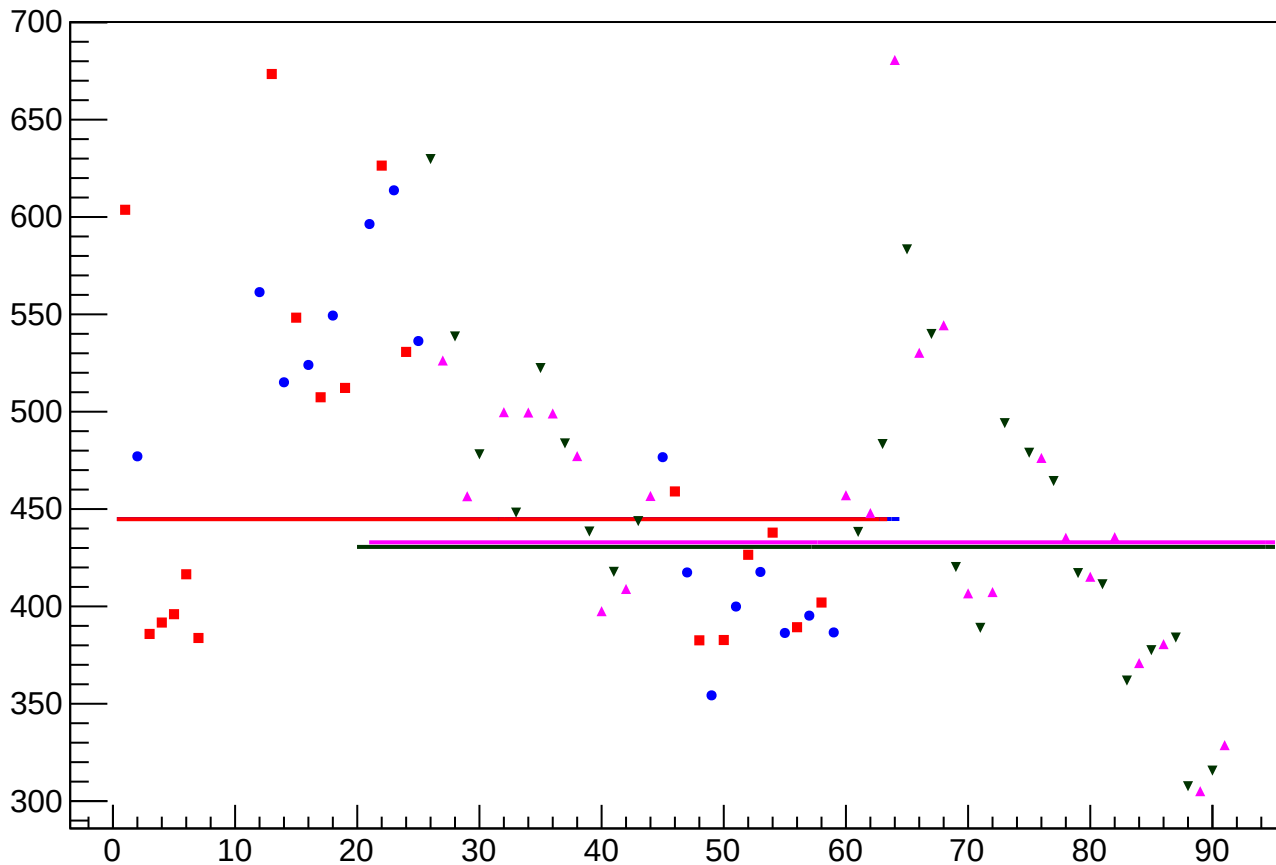
Left Out: -429.069+/-124.105 χ^2/NDF : 59.6/24

-69.566+/-66.606 χ^2/NDF : 169.3/83

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

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

asym_ds_dd_correction_rms vs slug



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

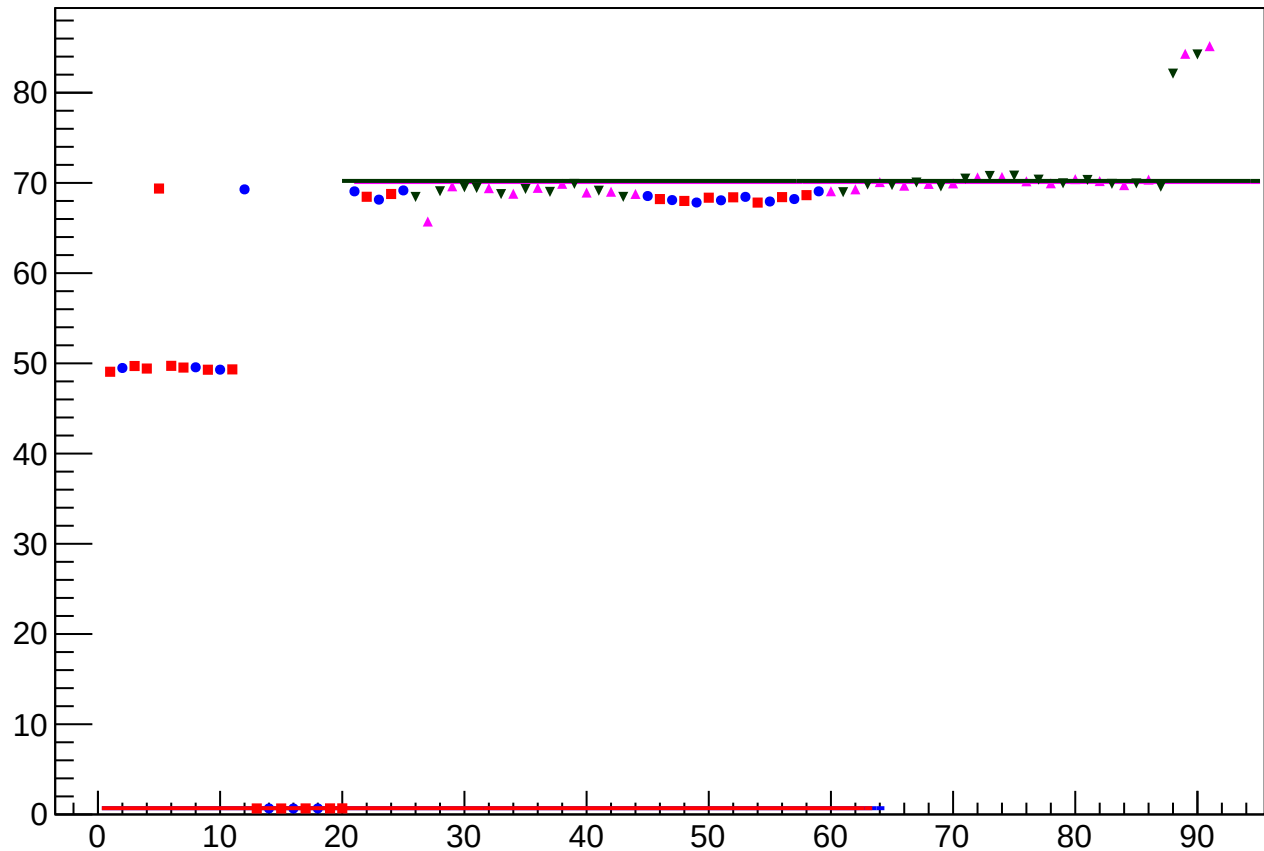
Left Out: 430.556 $\pm$ 0.088 χ^2 /NDF: 704053.9/24

437.072 $\pm$ 0.047 χ^2 /NDF: 2469192.3/83

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

yield_bcm_an_ds_mean vs slug



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

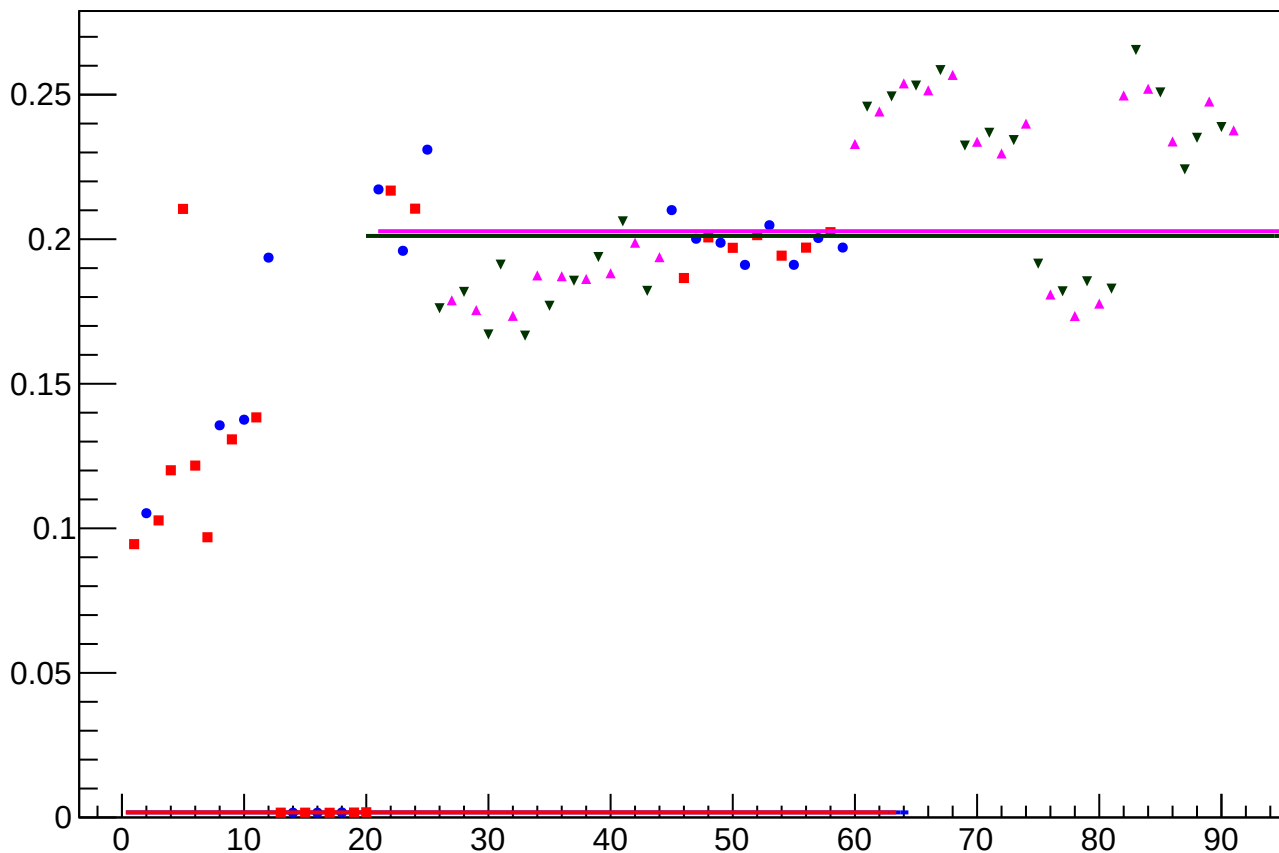
Left Out: 70.222 $\pm$ 0.000 χ^2 /NDF:2705788805.0/25

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

0.723 $\pm$ 0.000 χ^2 /NDF: 5229656527501.9/90

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

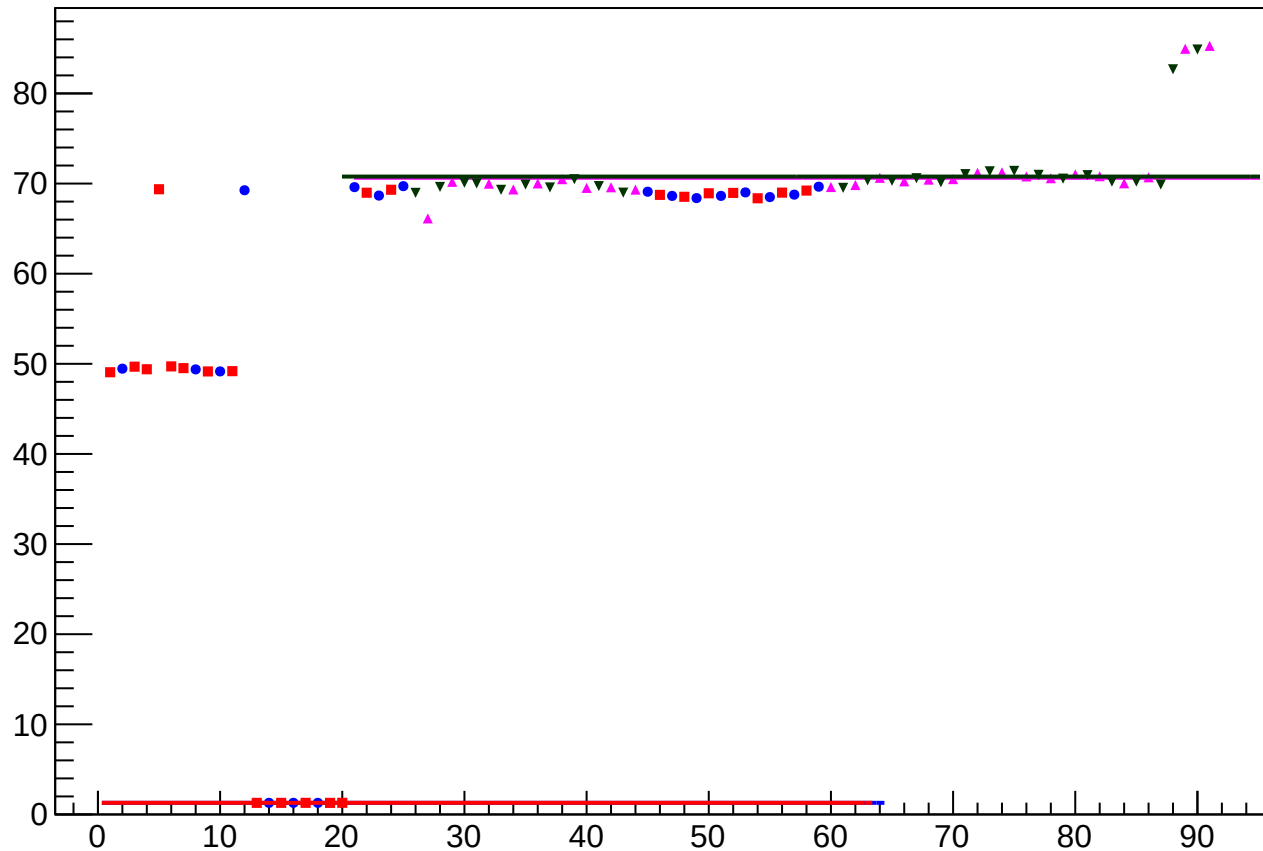
Left Out: 0.201 $\pm$ 0.000 χ^2 /NDF:550240.4/25

0.002 $\pm$ 0.000 χ^2 /NDF: 83992498.4/90

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

yield_bcm_an_ds3_mean vs slug



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

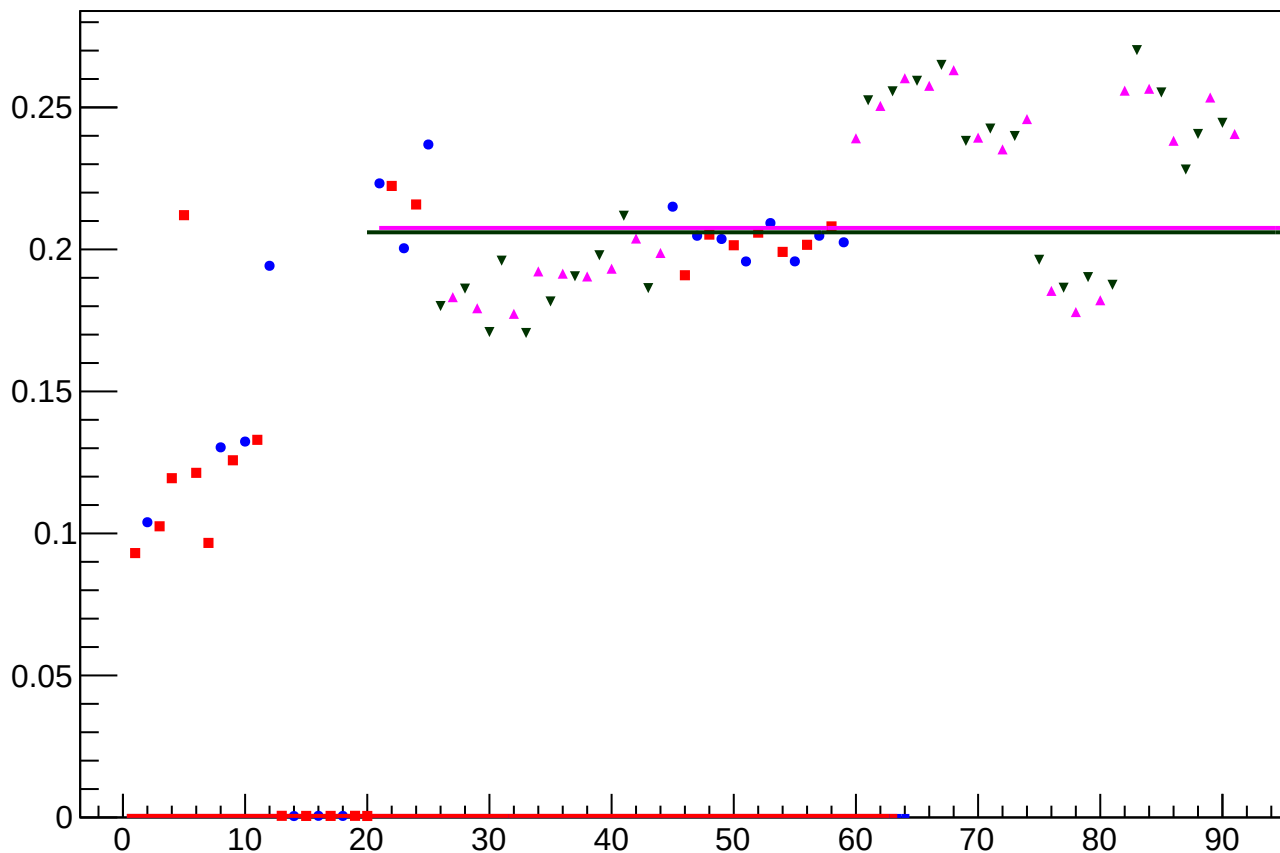
Left Out: 70.776+/-0.000 χ^2/NDF : 2604642457.4/25

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

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

1.294+/-0.000 χ^2/NDF : 5040814654323.0/90

yield_bcm_an_ds3_rms vs slug



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

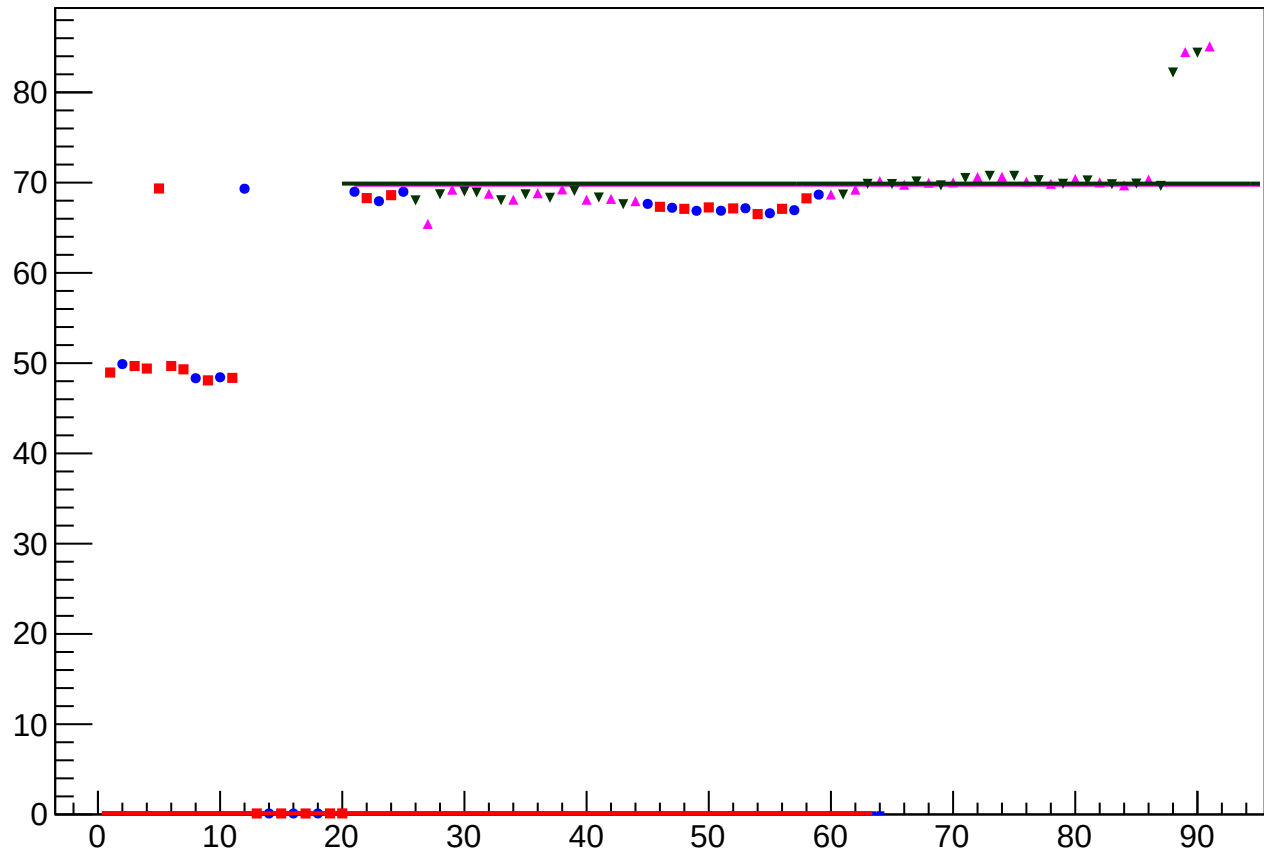
Left Out: 0.206+/-0.000 χ^2/NDF : 547165.3/25

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

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

0.001+/-0.000 χ^2/NDF : 85112895.3/90

yield_bcm_an_us_mean vs slug



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

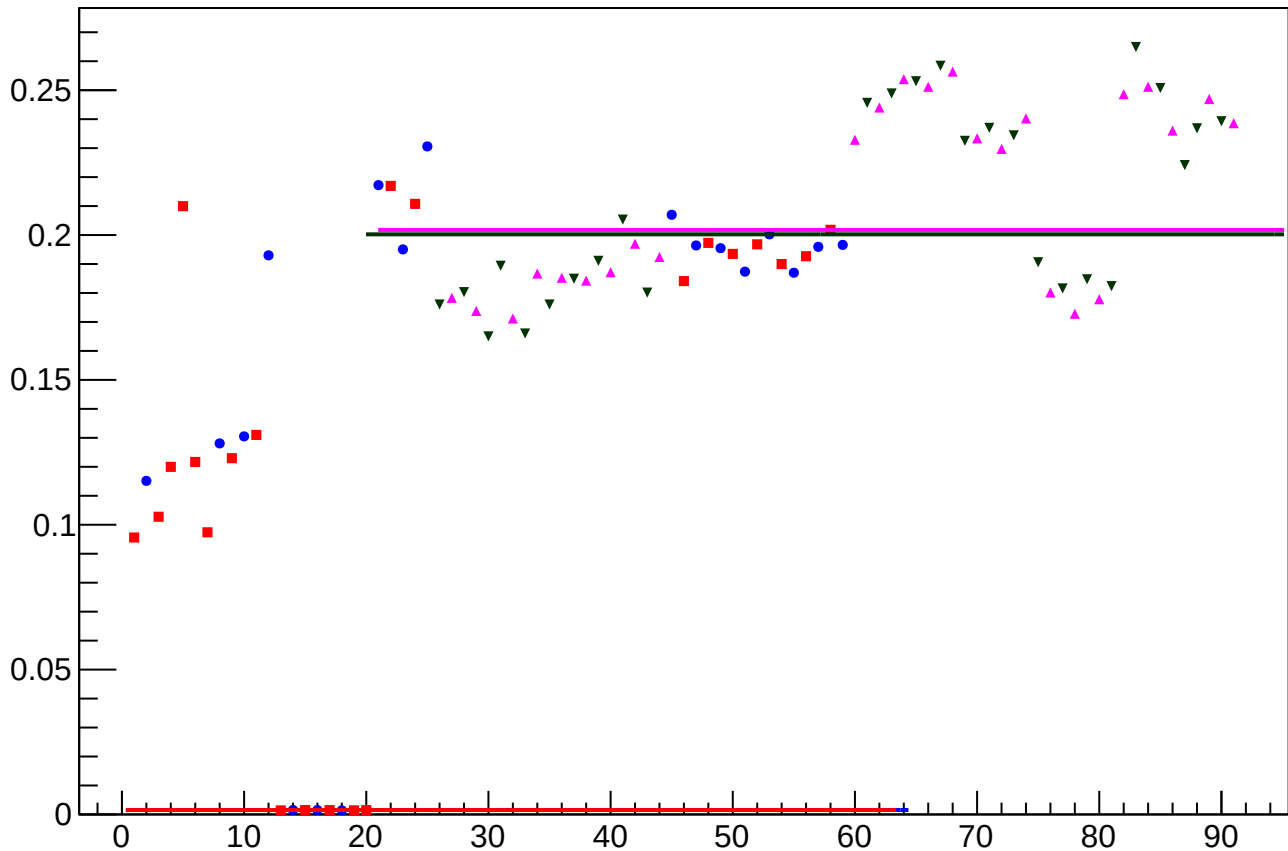
Left Out: 69.892+/-0.000 χ^2/NDF : 2981781075.1/25

0.154+/-0.000 χ^2/NDF : 5317145118058.1/90

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

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

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 17508366.0/17

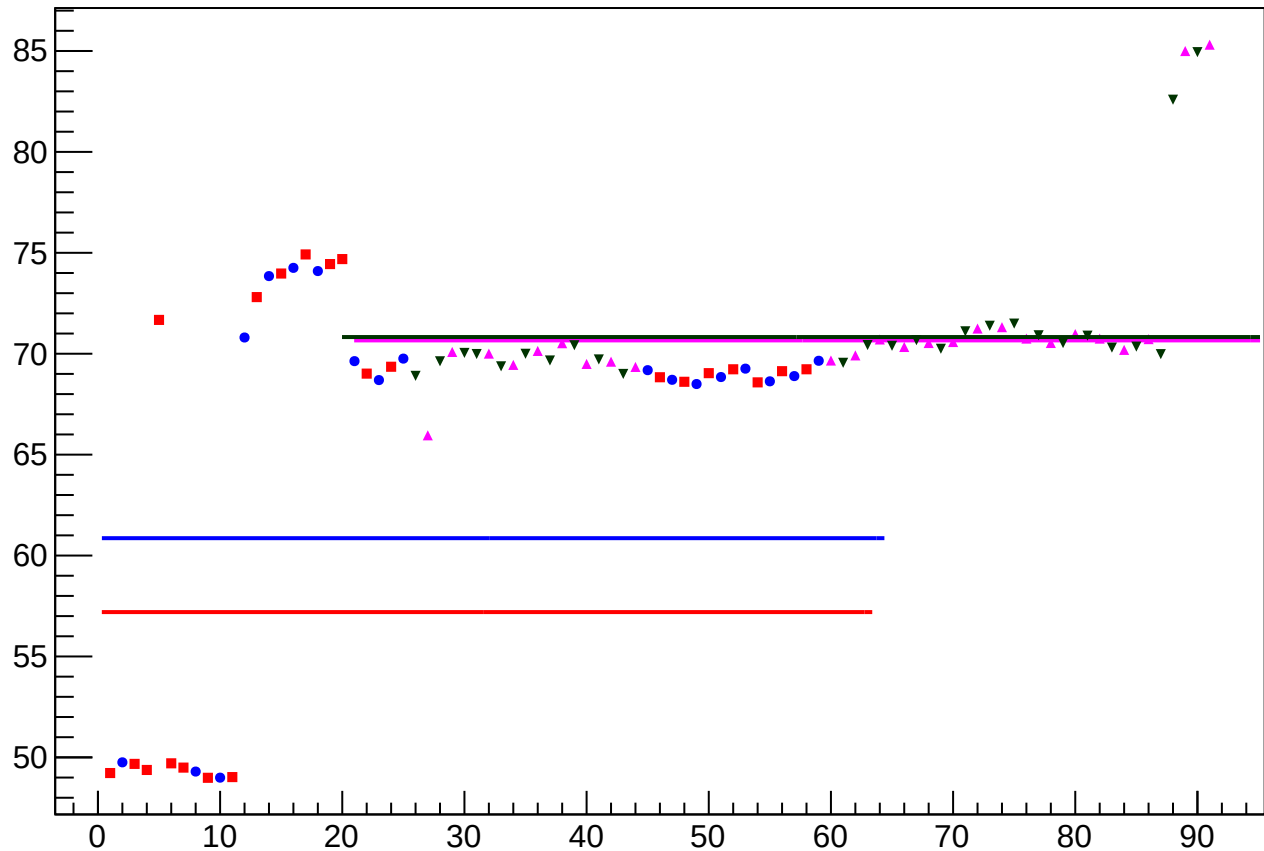
Left Out: 0.200 $\pm$ 0.000 χ^2 /NDF: 570656.6/25

0.002 $\pm$ 0.000 χ^2 /NDF: 84145467.3/90

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 15500285.5/21

Left In: 0.202 $\pm$ 0.000 χ^2 /NDF: 605988.3/24

yield_bcm_dg_us_mean vs slug



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

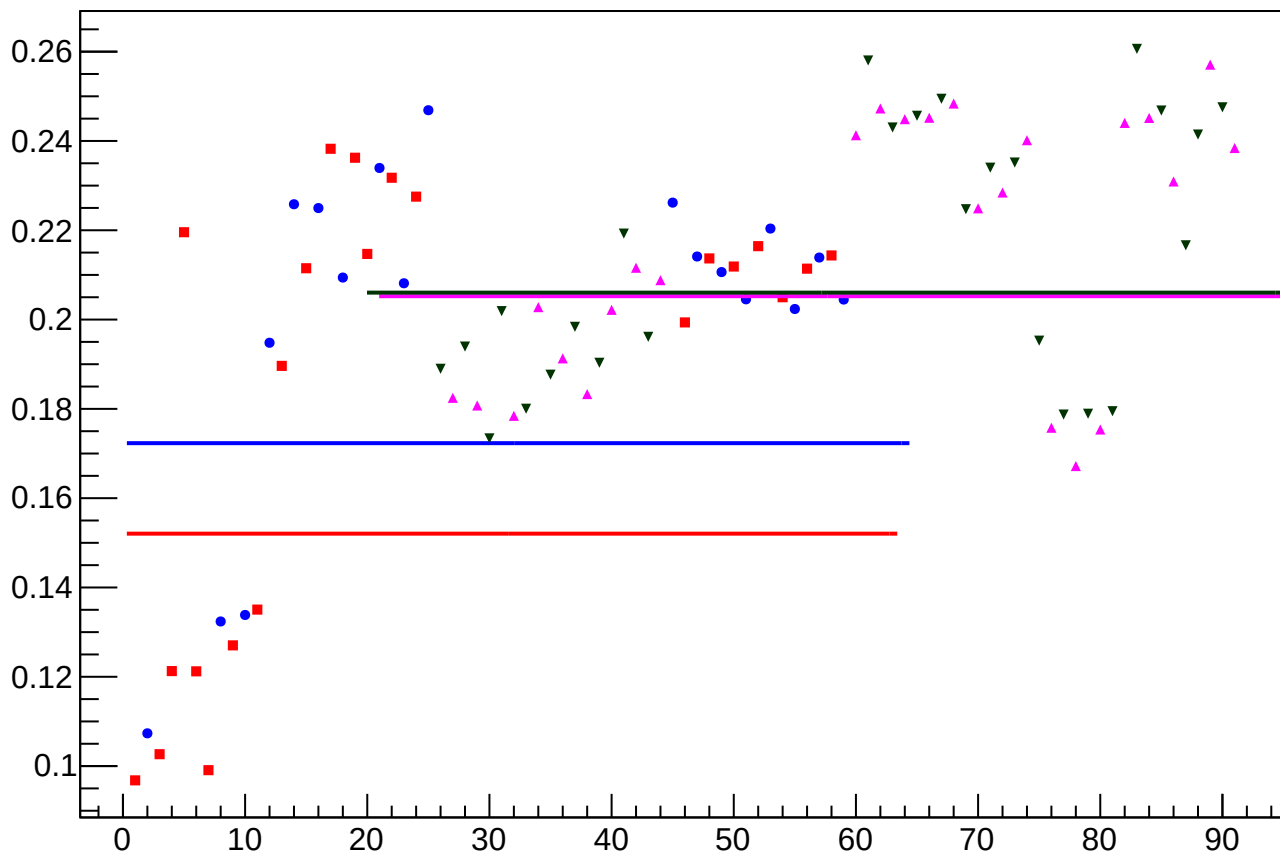
Left Out: 70.826 $\pm$ 0.000 χ^2 /NDF: 2538628516.9/25

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

64.258 $\pm$ 0.000 χ^2 /NDF: 134691665470.5/90

yield_bcm_dg_us_rms vs slug



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

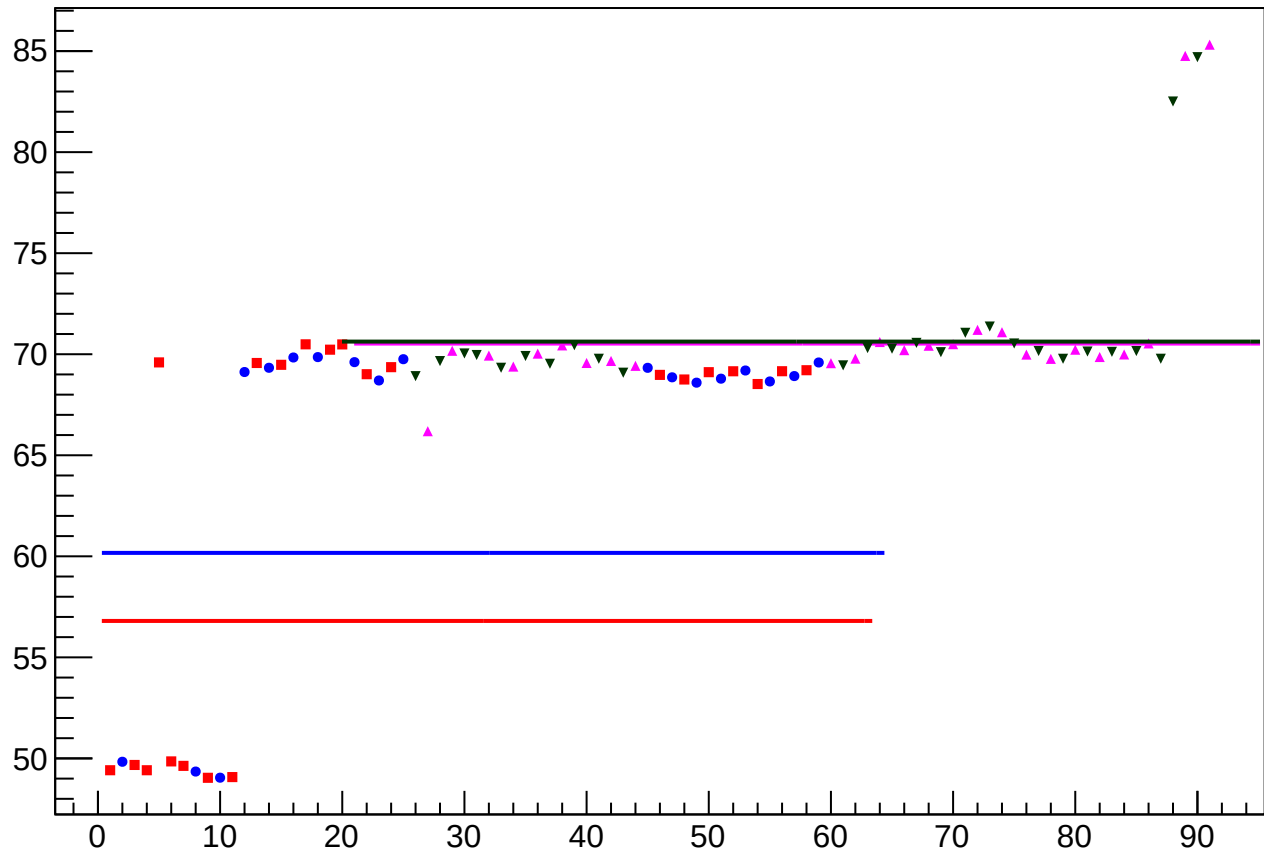
Left Out: 0.206 $\pm$ 0.000 χ^2 /NDF: 431572.7/25

0.181 $\pm$ 0.000 χ^2 /NDF: 5920651.7/90

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

yield_bcm_dg_ds_mean vs slug



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

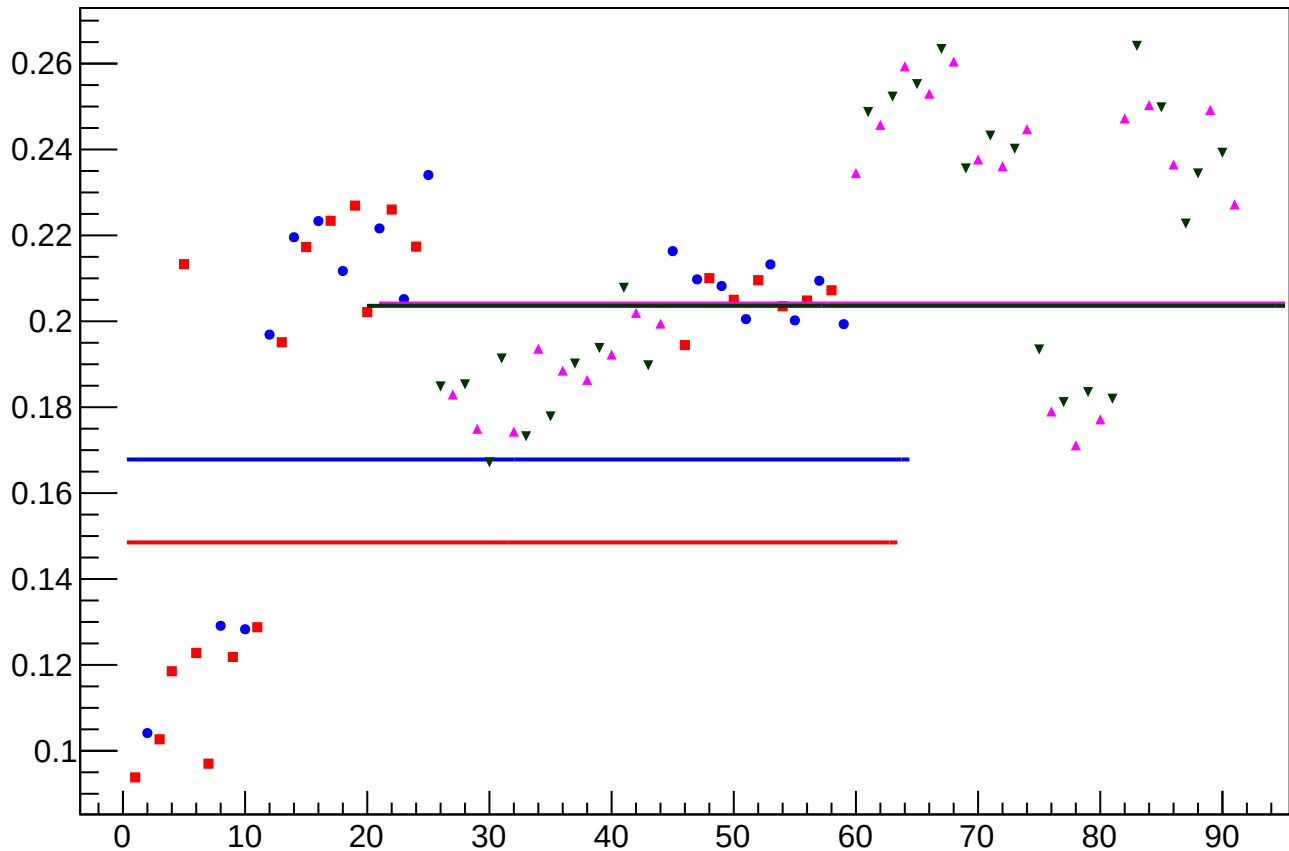
Left Out: 70.625+/-0.000 χ^2/NDF : 2669149722.4/25

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

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

63.787+/-0.000 χ^2/NDF : 132143625148.3/90

yield_bcm_dg_ds_rms vs slug



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

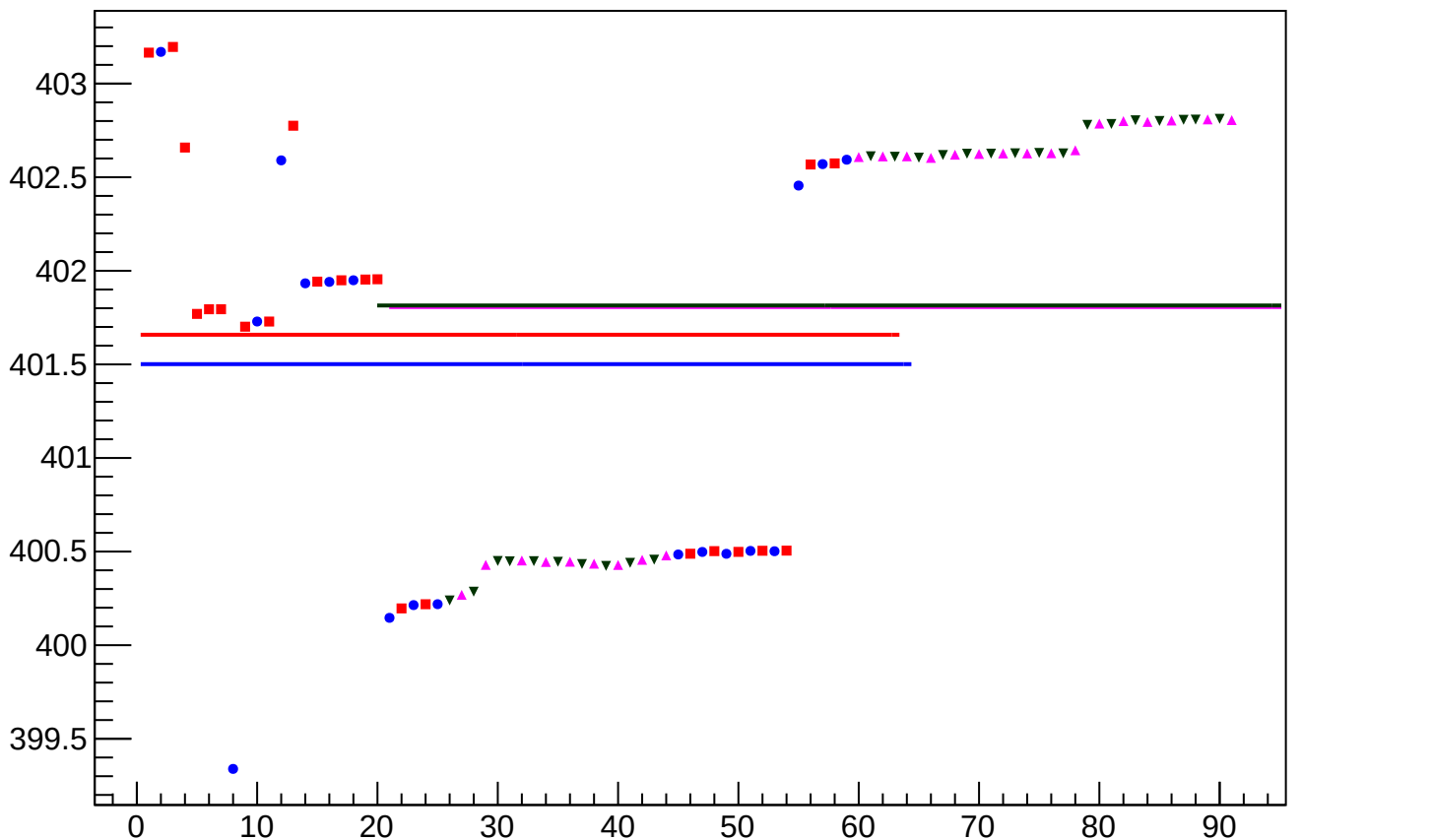
Left Out: 0.204+/-0.000 χ^2/NDF : 535410.4/25

0.178+/-0.000 χ^2/NDF : 6287159.4/90

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

Left In: 0.204+/-0.000 χ^2/NDF : 589991.6/24

yield_cav4bQ_mean vs slug



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

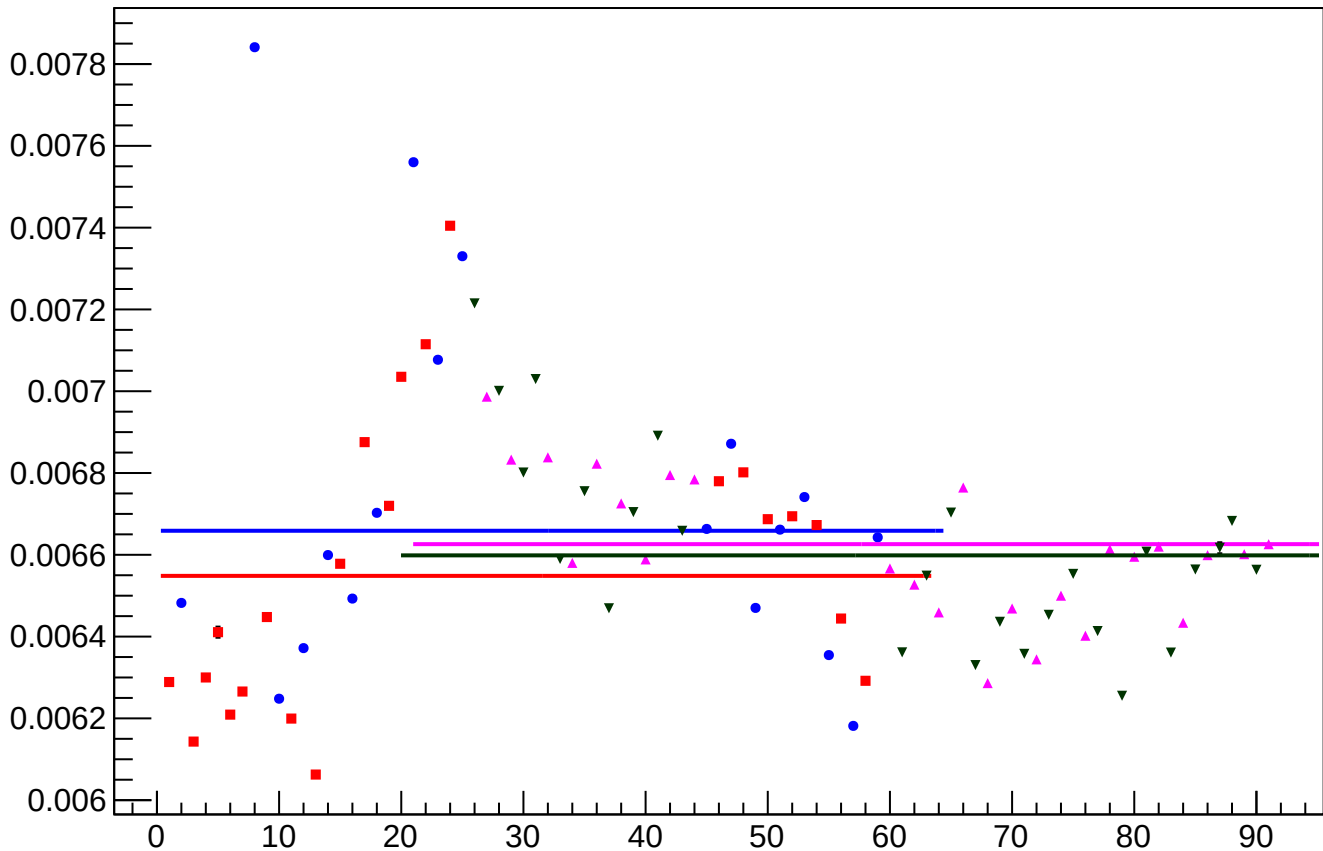
Left Out: 401.815+/-0.000 χ^2/NDF : 365323655780.4/25

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

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

401.705+/-0.000 χ^2/NDF : 1307097077400.3/90

yield_cav4bQ_rms vs slug



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

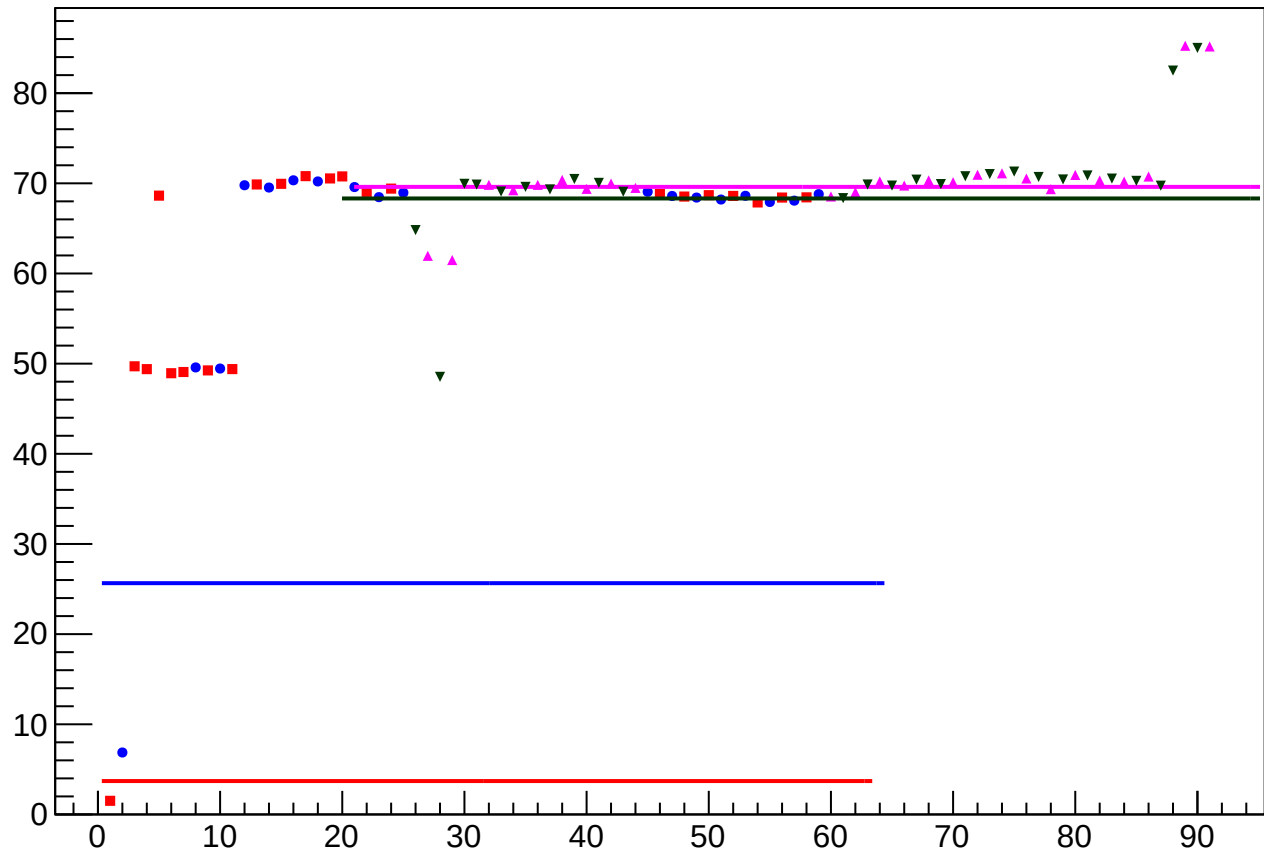
Left Out: 0.007+/-0.000 χ^2/NDF : 31058.1/25

0.007+/-0.000 χ^2/NDF : 194204.2/90

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

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

yield_cav4cQ_mean vs slug



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

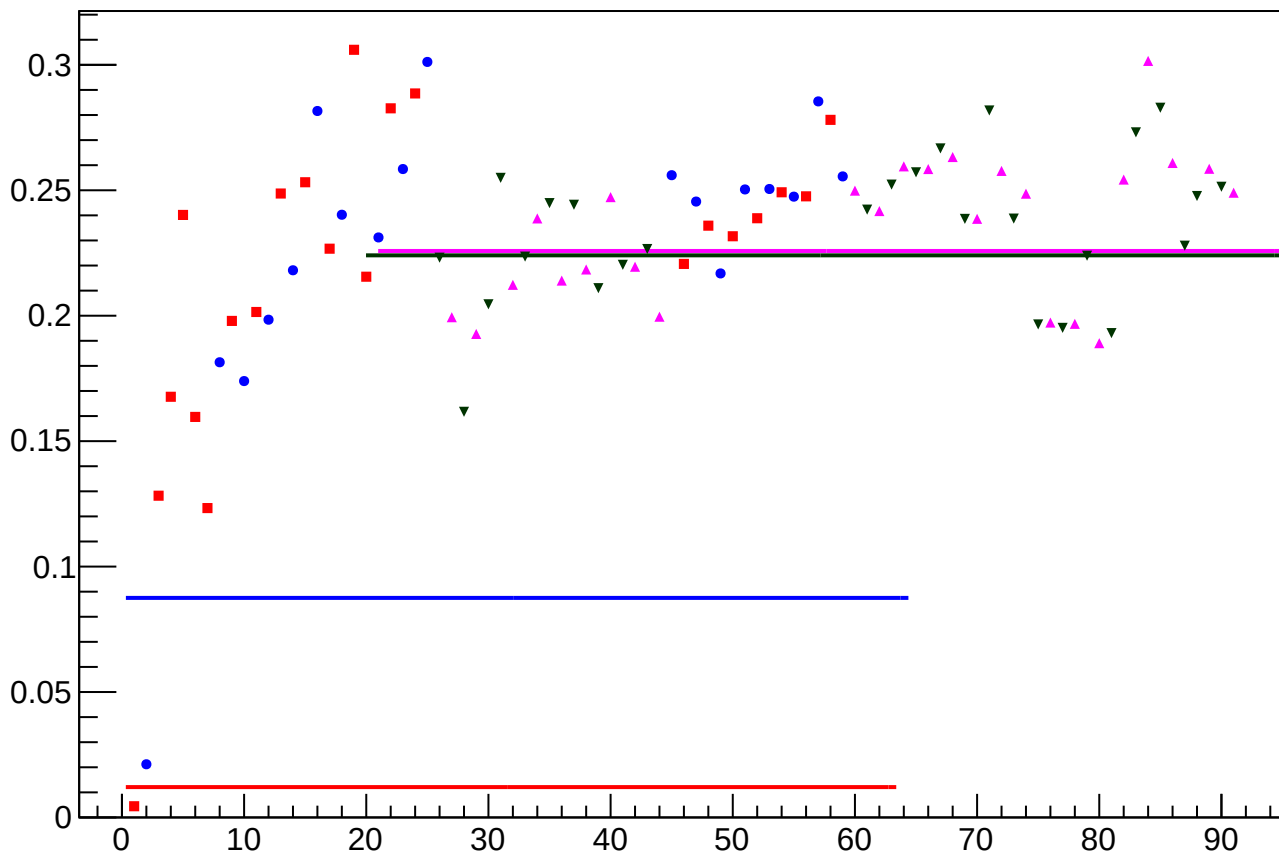
Left Out: 68.321+/-0.000 χ^2/NDF : 14094334528.6/25

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

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

10.760+/-0.000 χ^2/NDF : 3158630197953.1/90

yield_cav4cQ_rms vs slug



Right In: 0.088 $\pm$ 0.000 χ^2 /NDF: 10920835.7/17

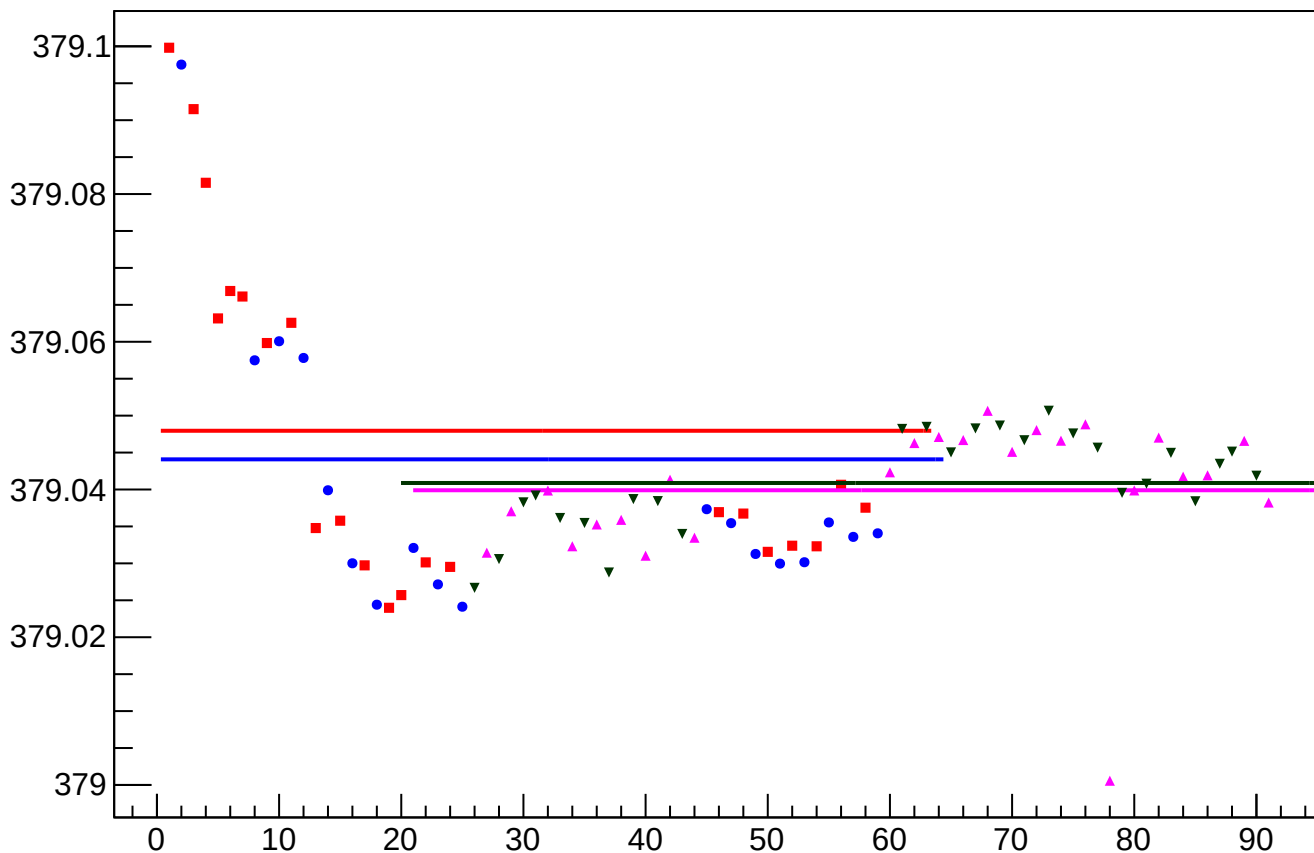
Left Out: 0.224 $\pm$ 0.000 χ^2 /NDF: 509156.8/25

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 16595957.2/21

Left In: 0.226 $\pm$ 0.000 χ^2 /NDF: 400169.3/24

0.035 $\pm$ 0.000 χ^2 /NDF: 72325055.5/90

yield_cav4dQ_mean vs slug



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

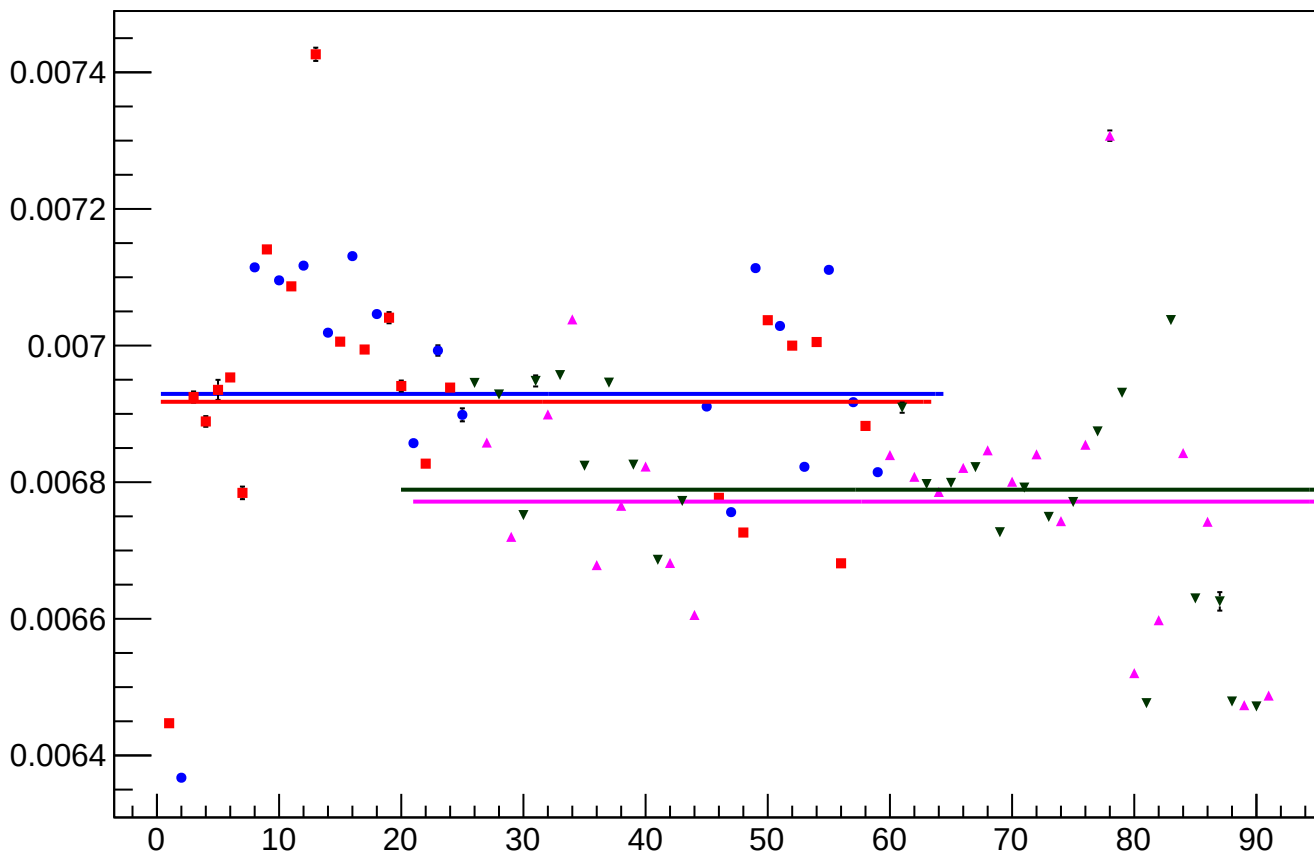
Left Out: 379.041+/-0.000 χ^2/NDF : 11897630.9/25

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

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

379.043+/-0.000 χ^2/NDF : 261286438.7/90

yield_cav4dQ_rms vs slug



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

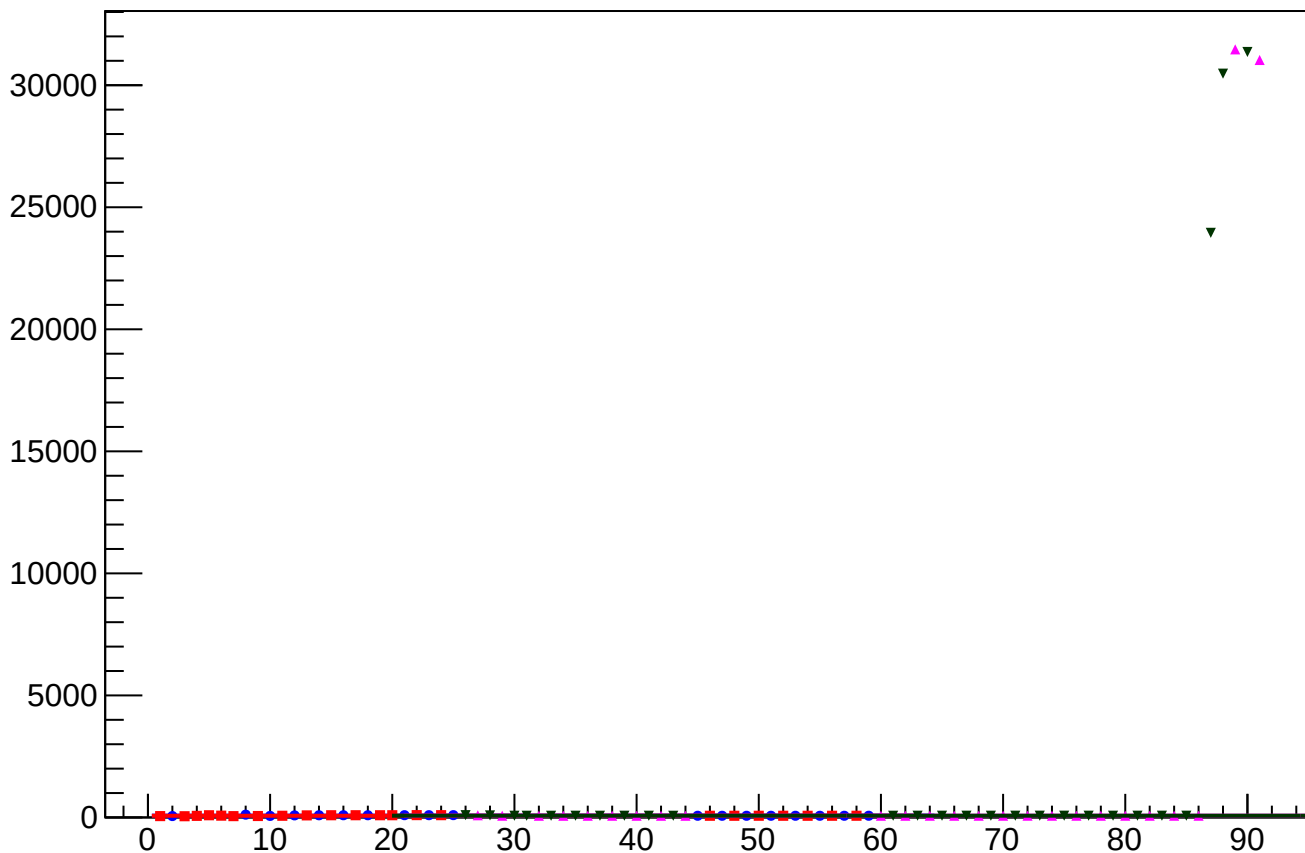
Left Out: 0.007+/-0.000 χ^2/NDF : 12418.9/25

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 : 77674.1/90

yield_bcm0l02_mean vs slug



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

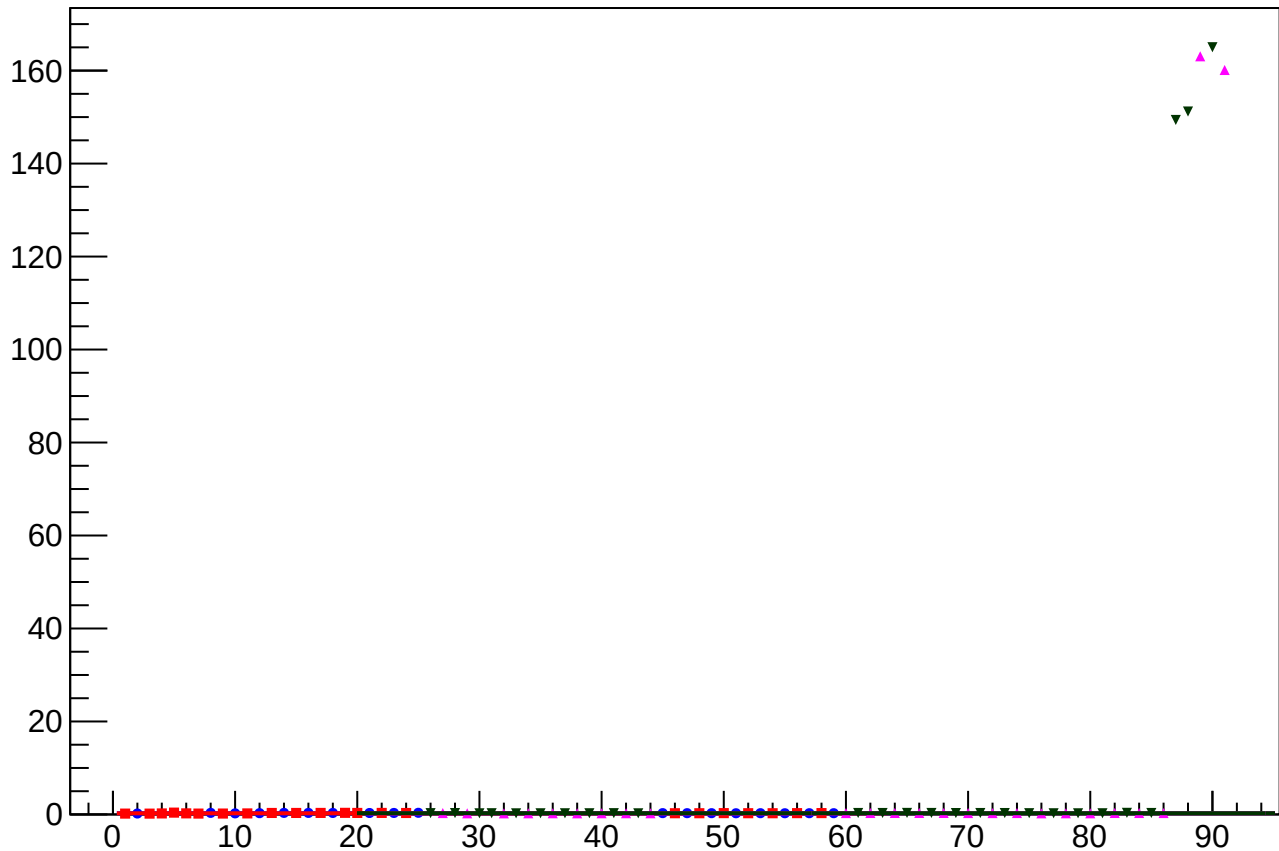
Left Out: 72.486+/-0.000 χ^2/NDF : 36903913693.1/25

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

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

72.089+/-0.000 χ^2/NDF : 126394537864.0/90

yield_bcm0l02_rms vs slug



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

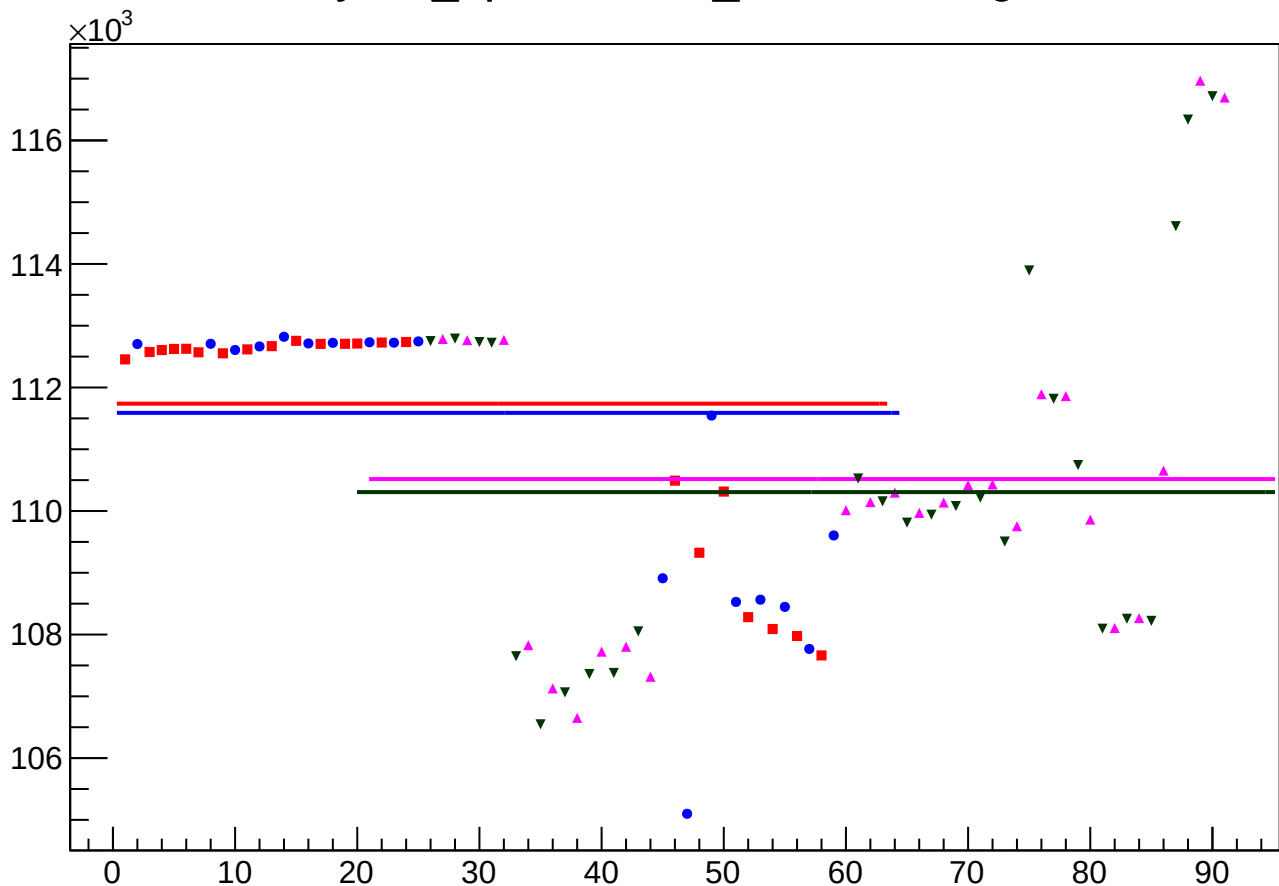
Left Out: 0.276+/-0.000 χ^2/NDF : 2086343.4/25

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

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

0.268+/-0.000 χ^2/NDF : 5584623.0/90

yield_bpm2i01WS_mean vs slug



Right In: 111589.261 $\pm$ 0.034 χ^2 /NDF: 3232719770.6/17

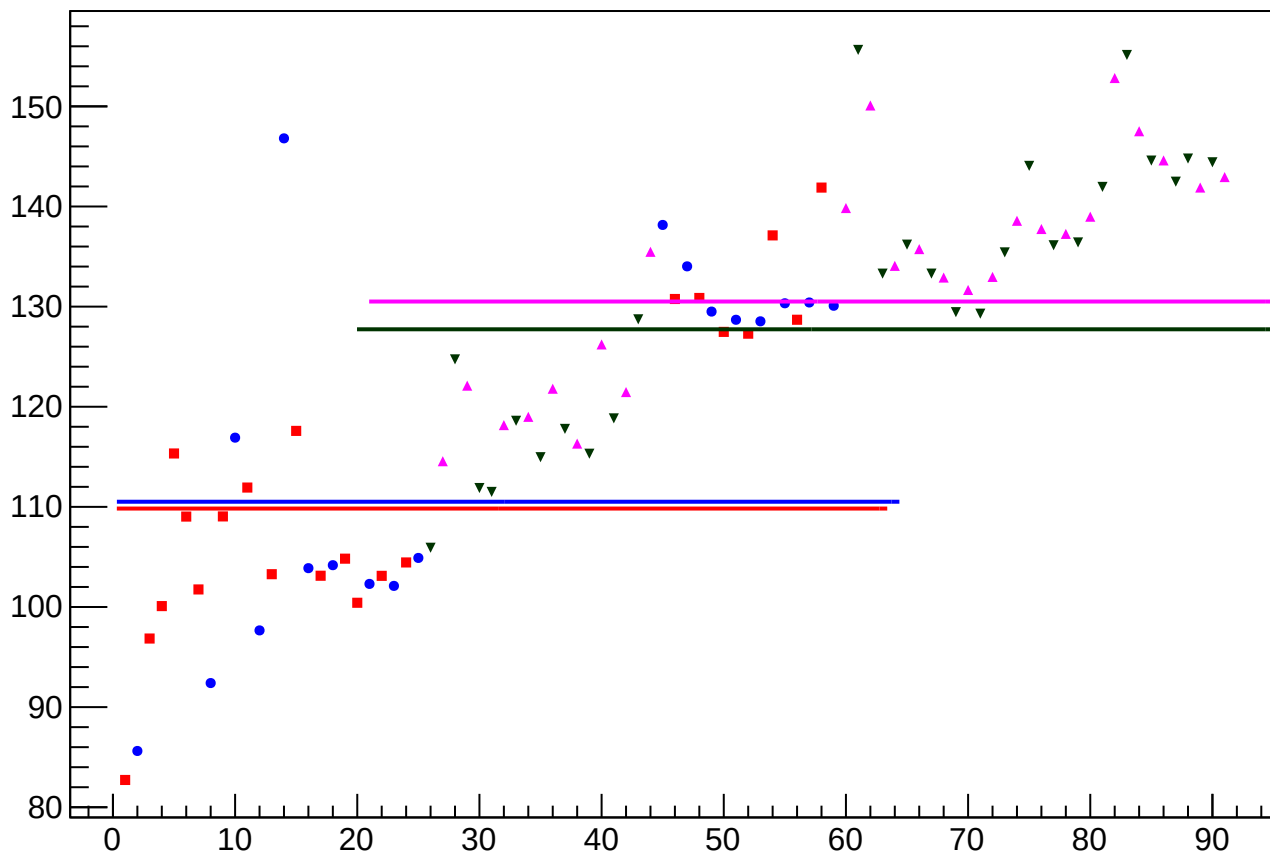
Left Out: 110306.324 $\pm$ 0.037 χ^2 /NDF: 4937708872.4/25

Right Out: 111738.183 $\pm$ 0.035 χ^2 /NDF: 2316939394.3/21

Left In: 110517.366 $\pm$ 0.036 χ^2 /NDF: 4841853500.5/24

111077.875 $\pm$ 0.018 χ^2 /NDF: 16565069149.2/5

yield_bpm2i01WS_rms vs slug



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

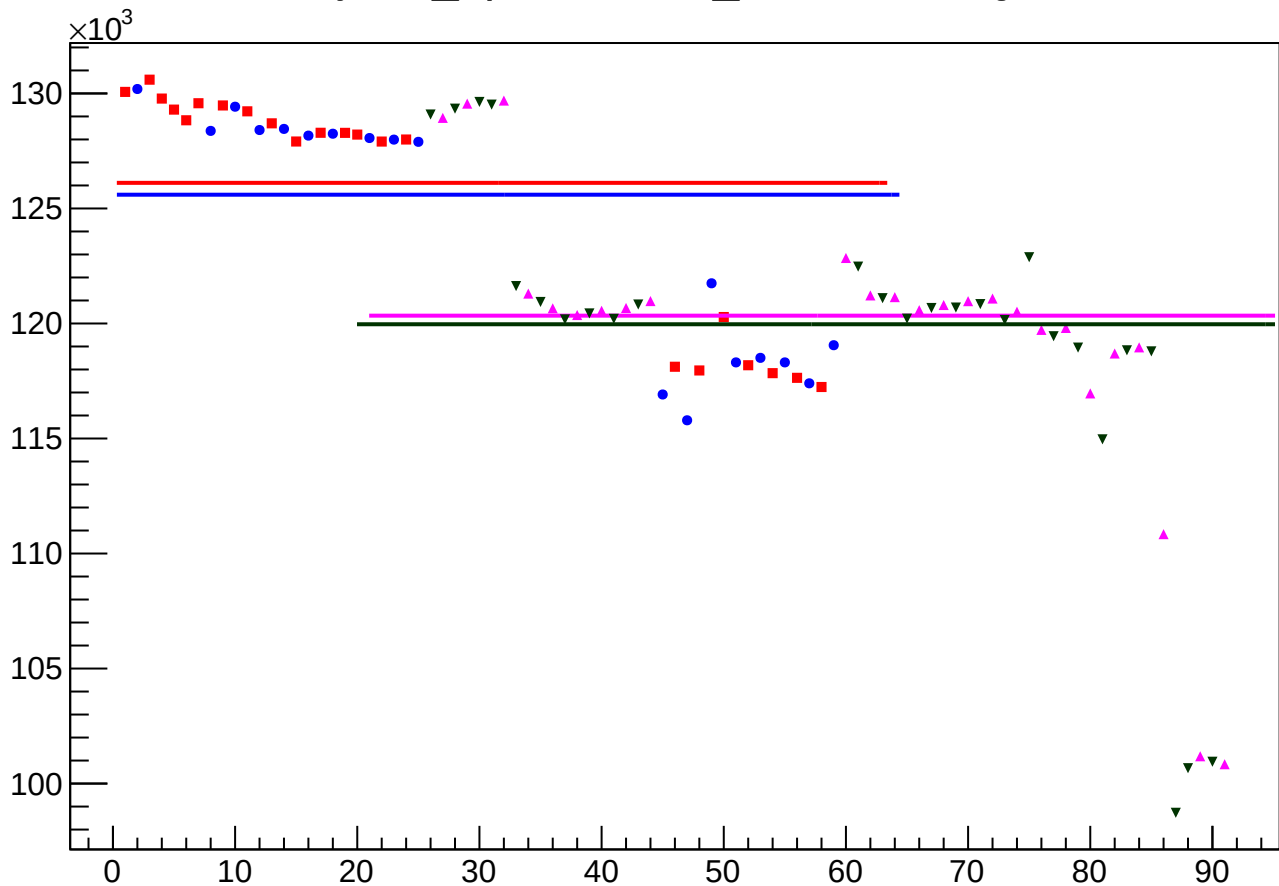
Left Out: 127.735 $\pm$ 0.026 χ^2 /NDF: 238793.3/25

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

119.061 $\pm$ 0.013 χ^2 /NDF: 1925429.4/90

yield_bpm0i07WS_mean vs slug



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

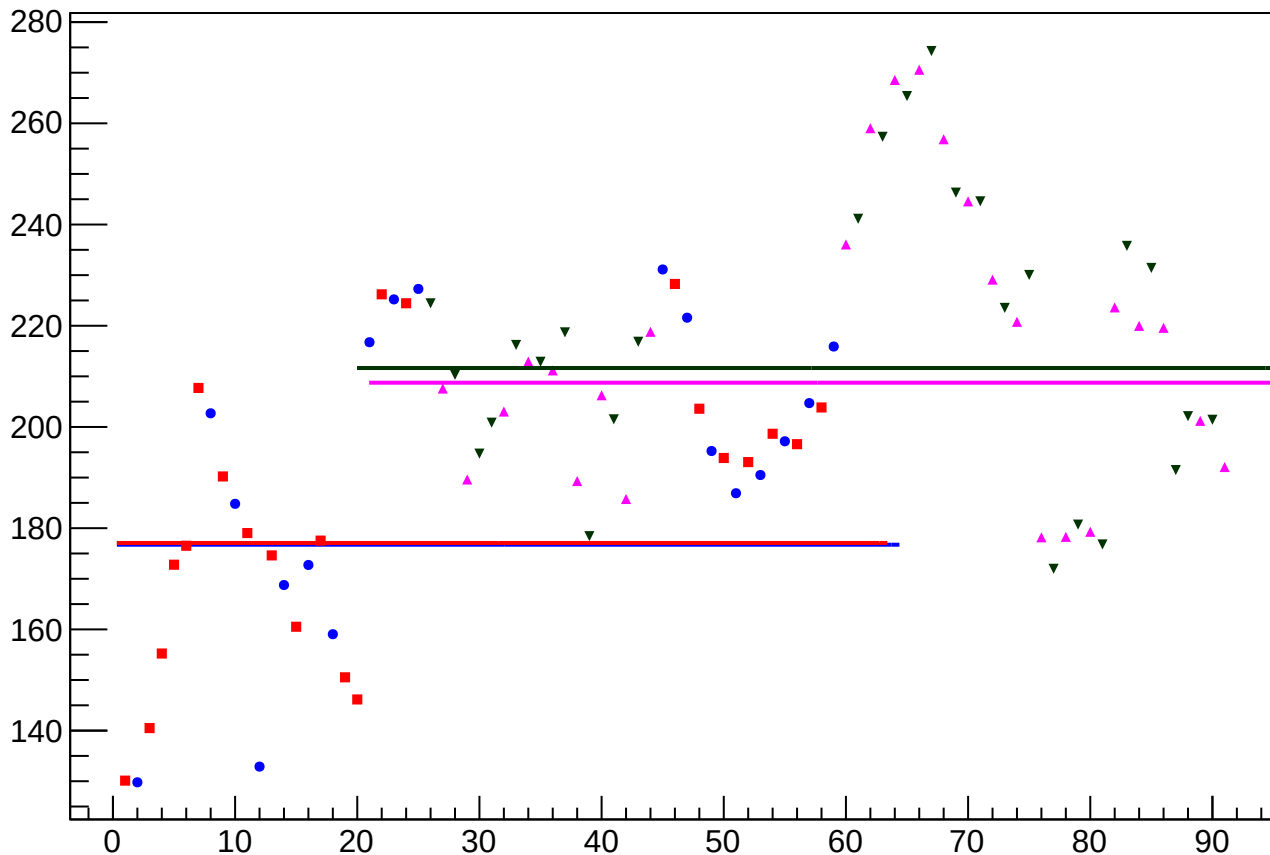
Left Out: 119966.485 $\pm$ 0.061 χ^2 /NDF: 13752008175.6/25

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

123173.643 $\pm$ 0.028 χ^2 /NDF: 54700737092.5/9

yield_bpm0i07WS_rms vs slug



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

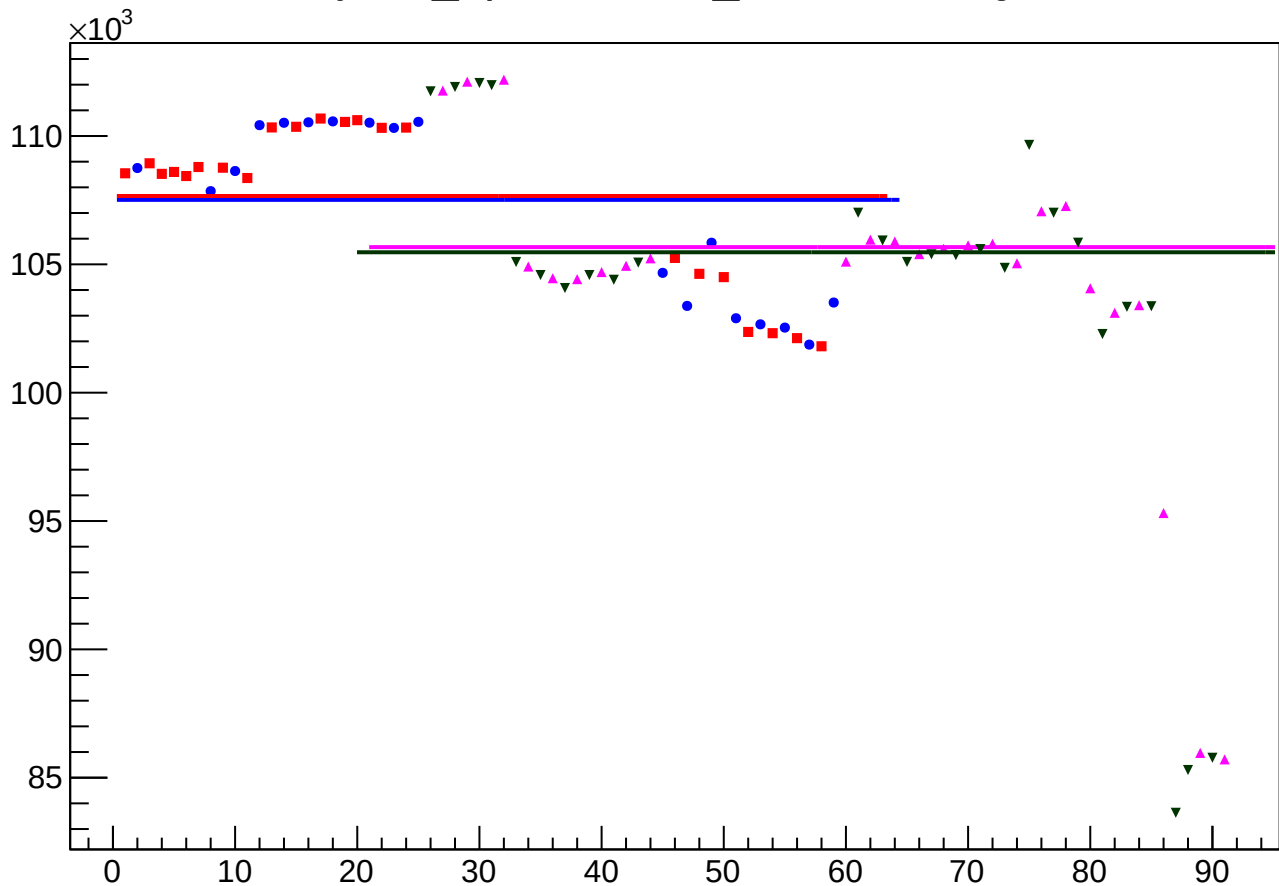
Left Out: 211.648 $\pm$ 0.043 χ^2 /NDF: 382201.1/25

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

192.509 $\pm$ 0.020 χ^2 /NDF: 2637684.9/90

yield_bpm0l01WS_mean vs slug



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

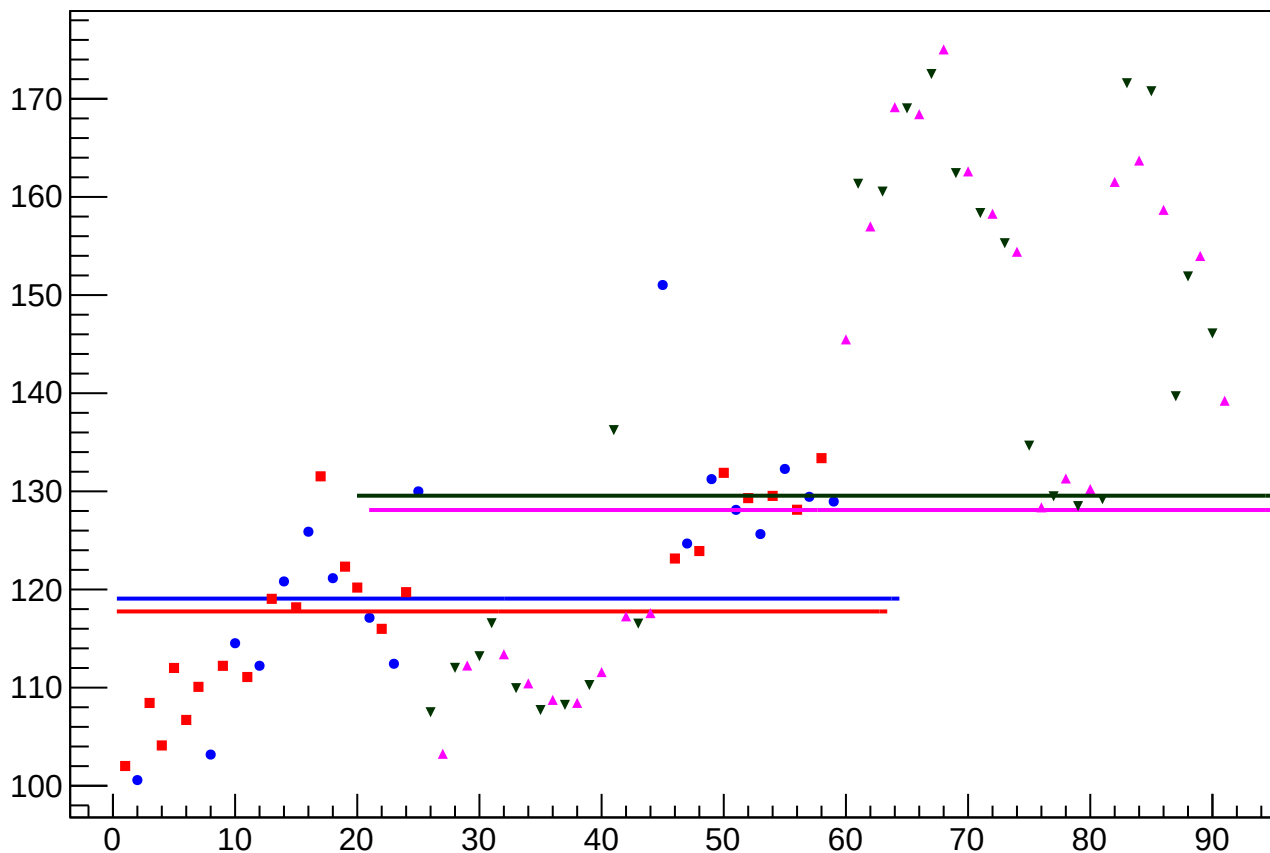
Left Out: 105470.377 $\pm$ 0.037 χ^2 /NDF: 25419484255.5/25

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

106570.474 $\pm$ 0.018 χ^2 /NDF: 70709316047.6/9

yield_bpm0l01WS_rms vs slug



Right In: 119.072 $\pm$ 0.025 χ^2 /NDF: 216452.4/17

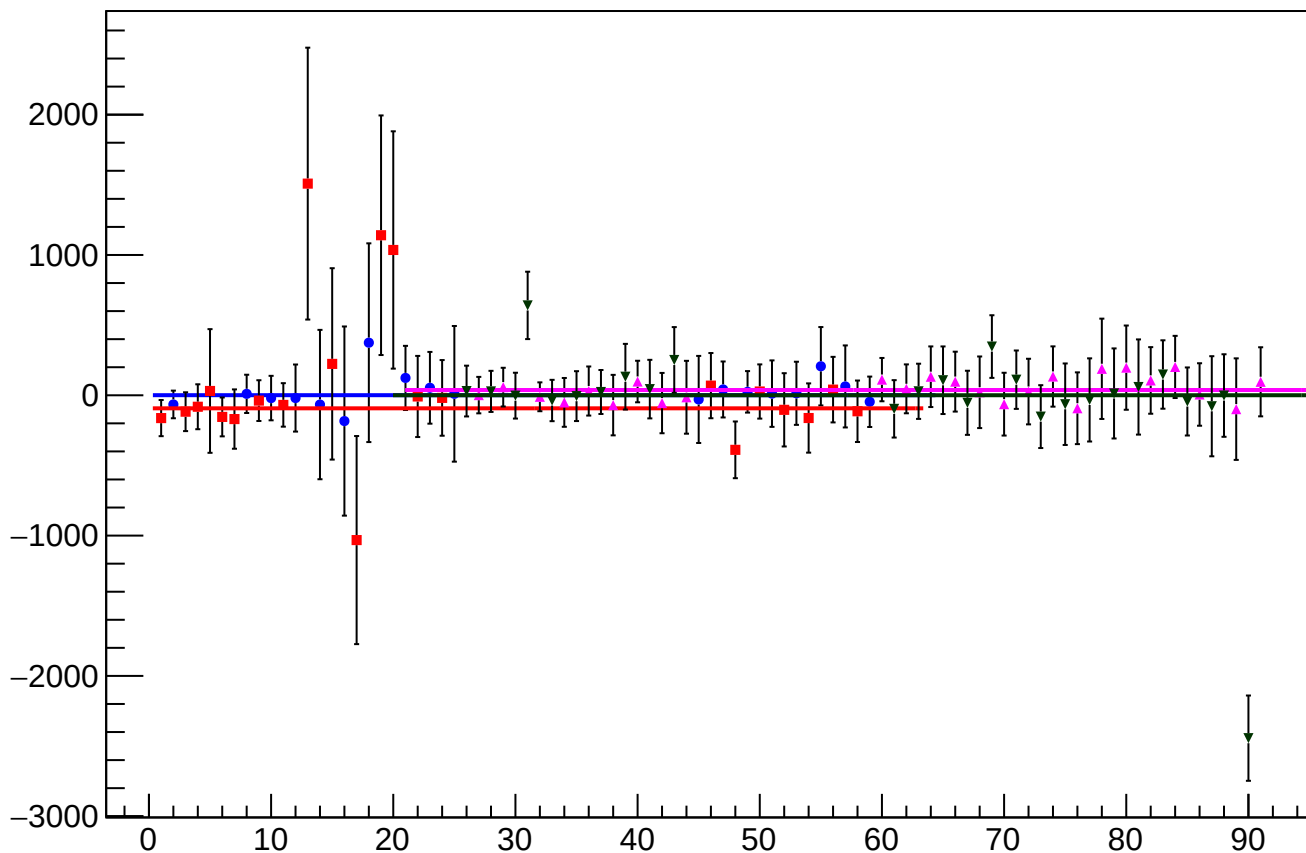
Left Out: 129.557 $\pm$ 0.026 χ^2 /NDF: 700055.2/25

Right Out: 117.762 $\pm$ 0.026 χ^2 /NDF: 127389.0/21

Left In: 128.098 $\pm$ 0.025 χ^2 /NDF: 800293.3/24

123.666 $\pm$ 0.013 χ^2 /NDF: 2007915.7/90

asym_bcm_an_ds_mean vs slug



Right In: 0.738 ± 47.948 $\chi^2/\text{NDF}: 1.9/17$

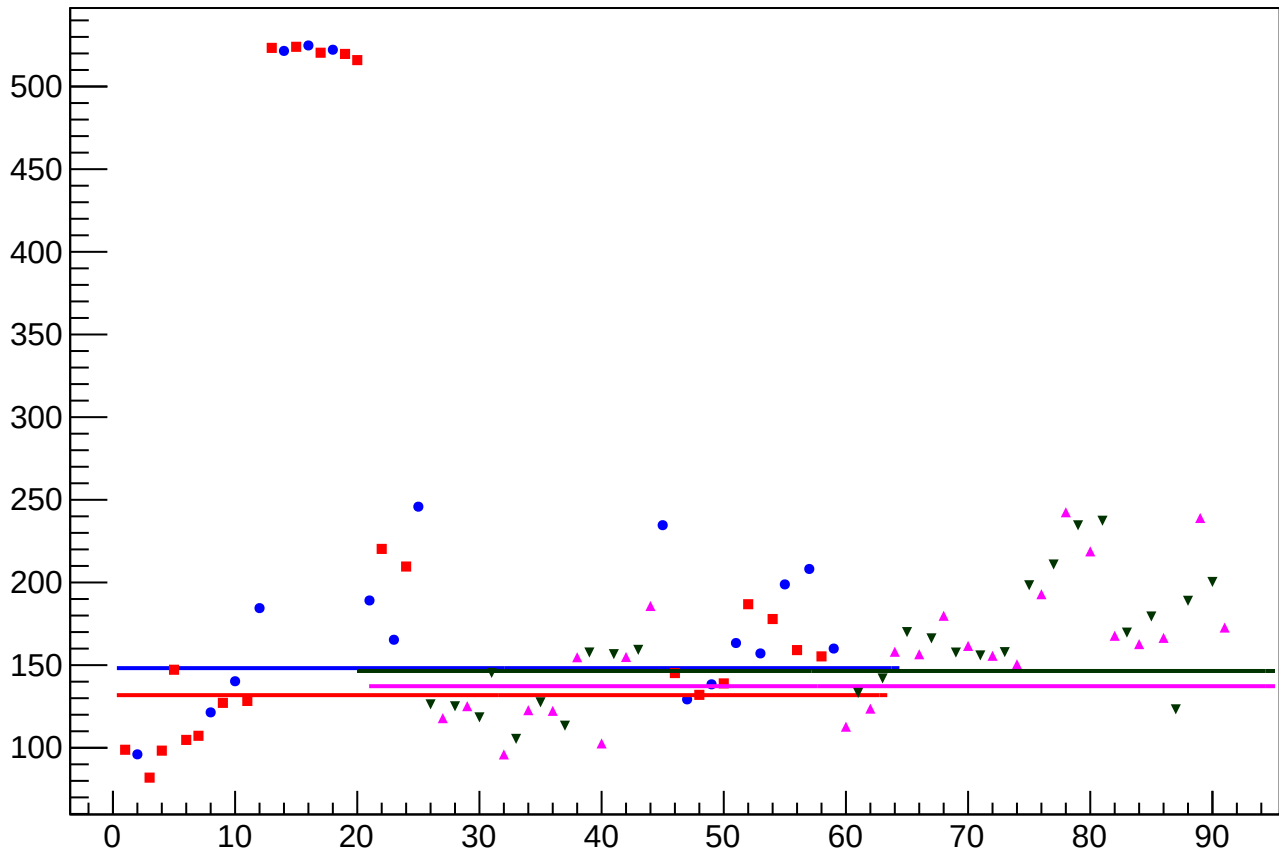
Left Out: 0.363 ± 42.077 $\chi^2/\text{NDF}: 77.6/25$

Right Out: -92.924 ± 45.003 $\chi^2/\text{NDF}: 12.9/21$

Left In: 37.629 ± 38.178 $\chi^2/\text{NDF}: 3.7/24$

-8.965 ± 21.419 $\chi^2/\text{NDF}: 101.2/90$

asym_bcm_an_ds_rms vs slug



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

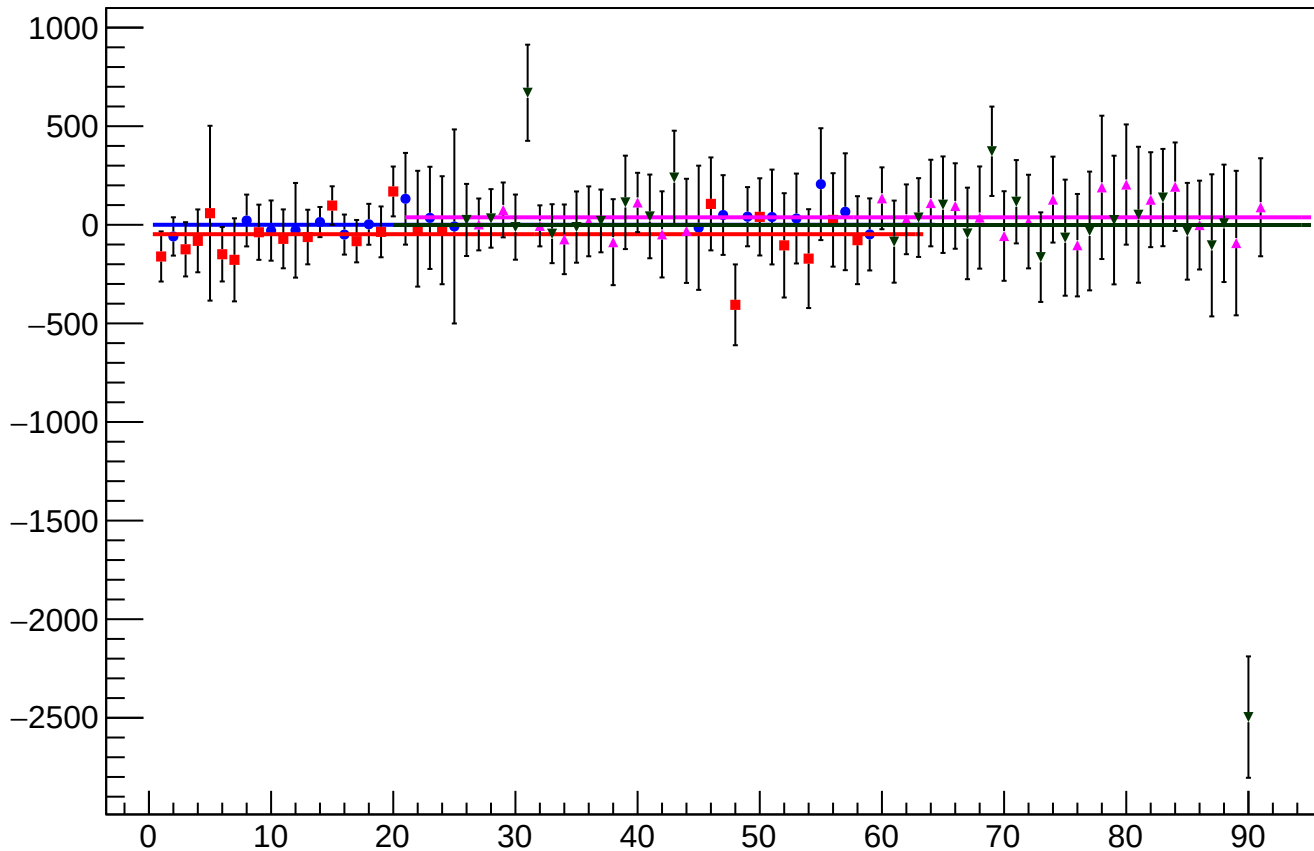
Left Out: 146.465+/-0.030 χ^2/NDF : 1087320.4/25

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

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

140.604+/-0.015 χ^2/NDF : 9674396.8/90

asym_bcm_an_ds3_mean vs slug



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

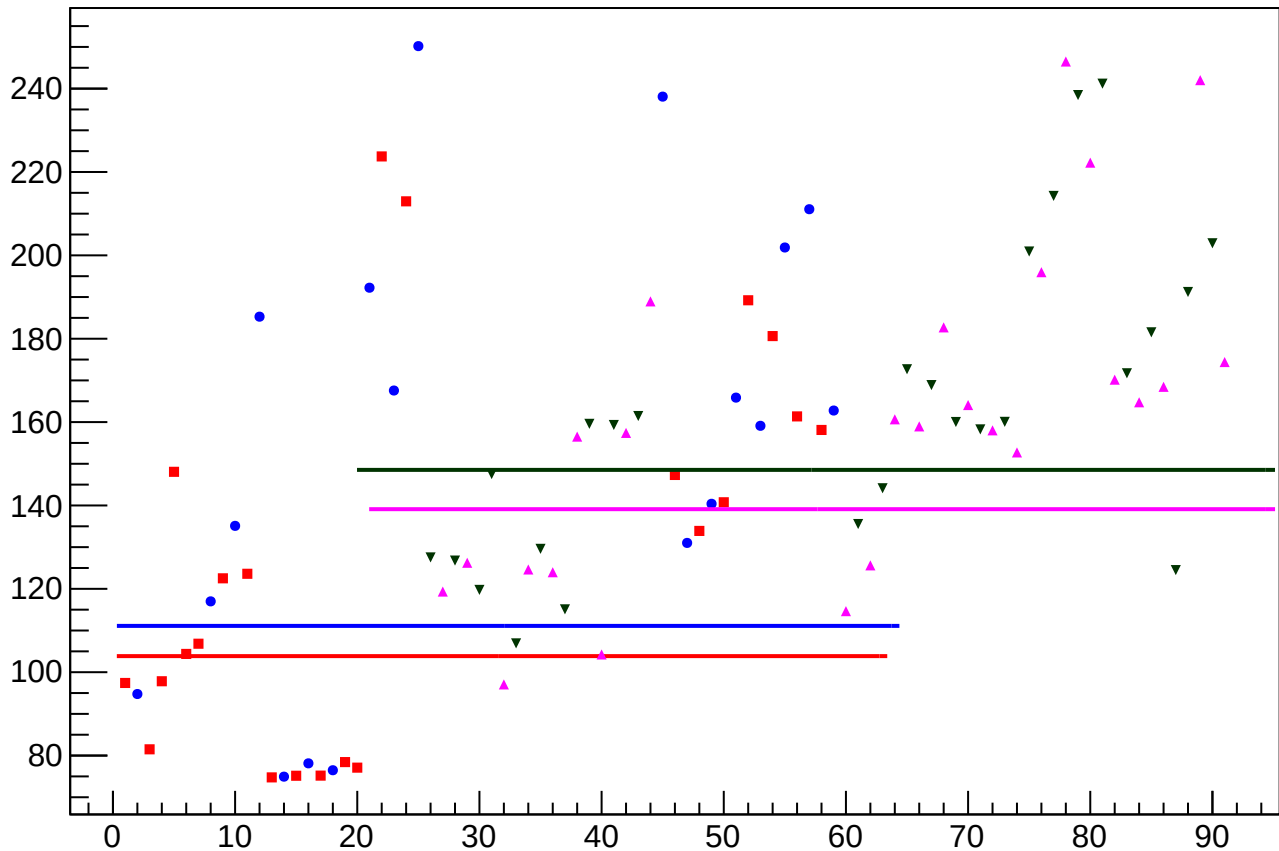
Left Out: -1.061 ± 42.676 $\chi^2/\text{NDF}: 79.2/25$

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

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

-5.589 ± 18.680 $\chi^2/\text{NDF}: 99.5/90$

asym_bcm_an_ds3_rms vs slug



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

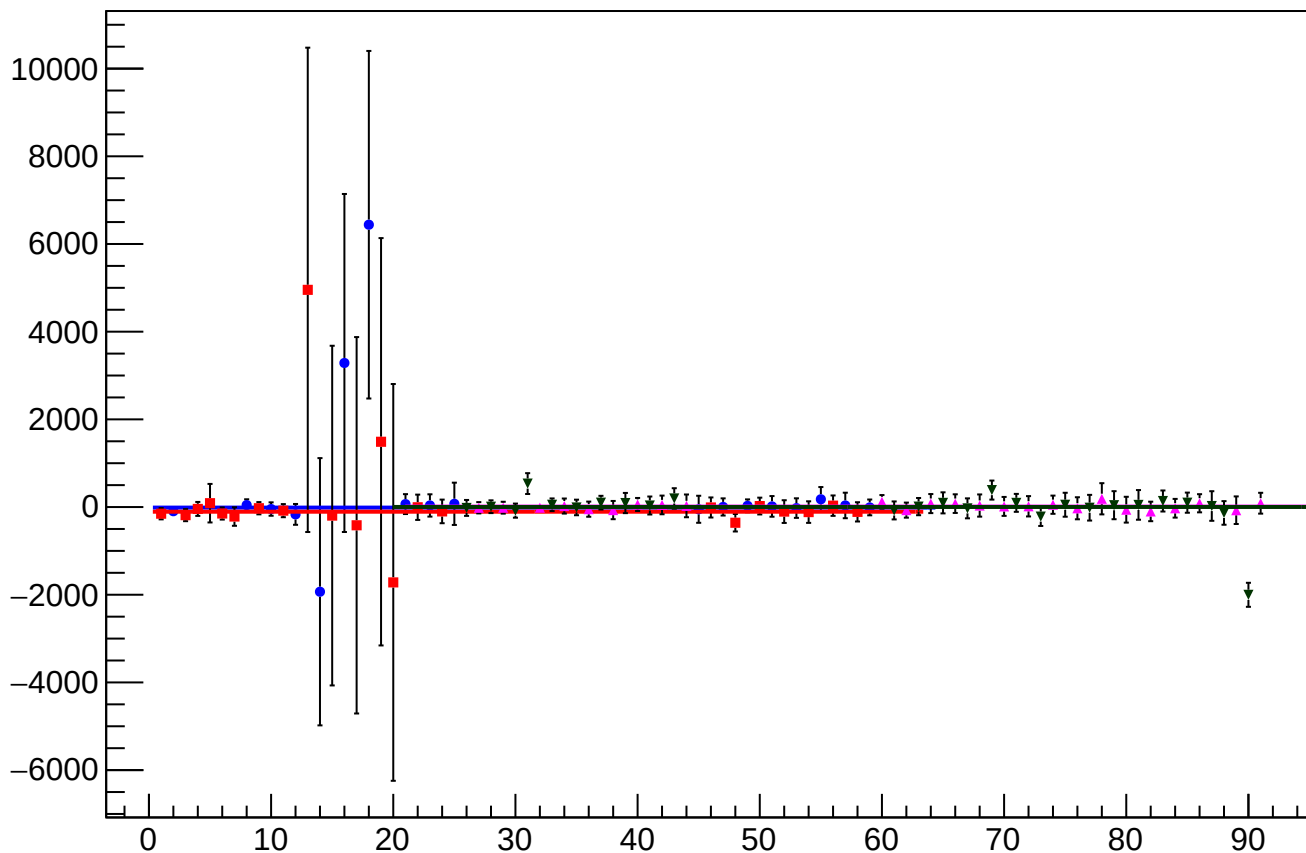
Left Out: 148.535 $\pm$ 0.030 χ^2 /NDF:1090512.9/25

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

122.634 $\pm$ 0.013 χ^2 /NDF: 9608151.3/90

asym_bcm_an_us_mean vs slug



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

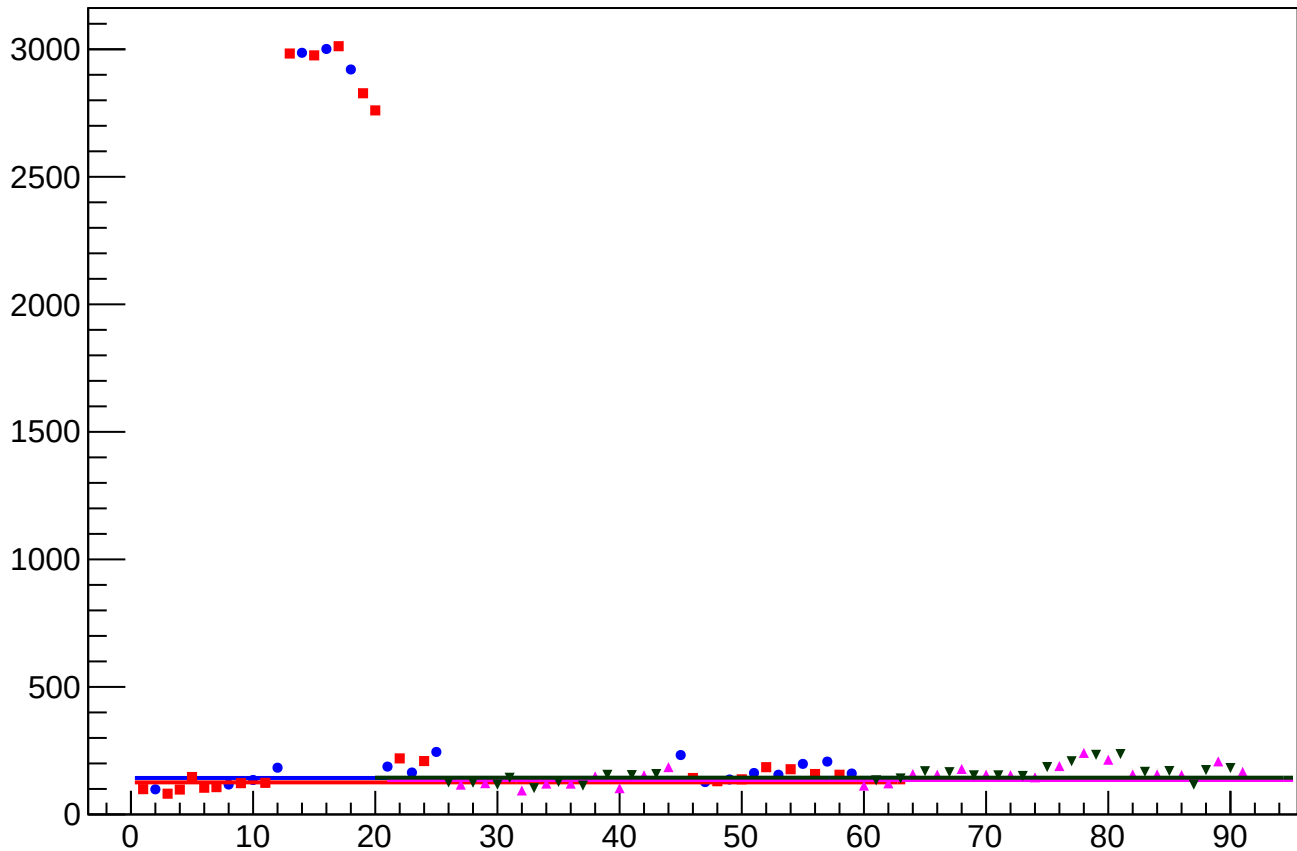
Left Out: 2.092+/-41.355 χ^2 /NDF:65.7/25

-22.284+/-21.232 χ^2 /NDF: 84.0/90

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

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

asym_bcm_an_us_rms vs slug



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

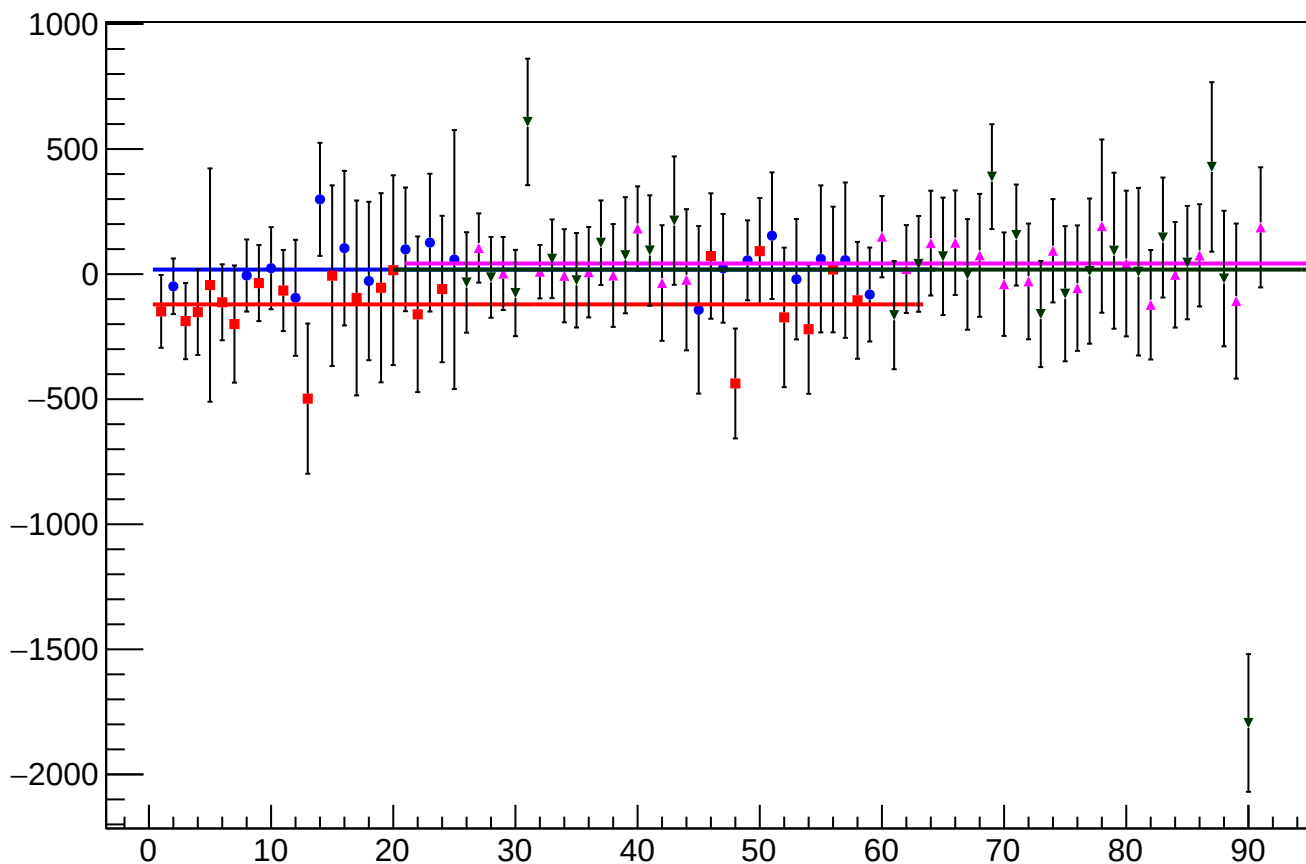
Left Out: 144.156+/-0.029 χ^2/NDF : 1018297.0/25

136.908+/-0.015 χ^2/NDF : 12564205.8/90

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

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 $\chi^2/\text{NDF}: 3.5/17$

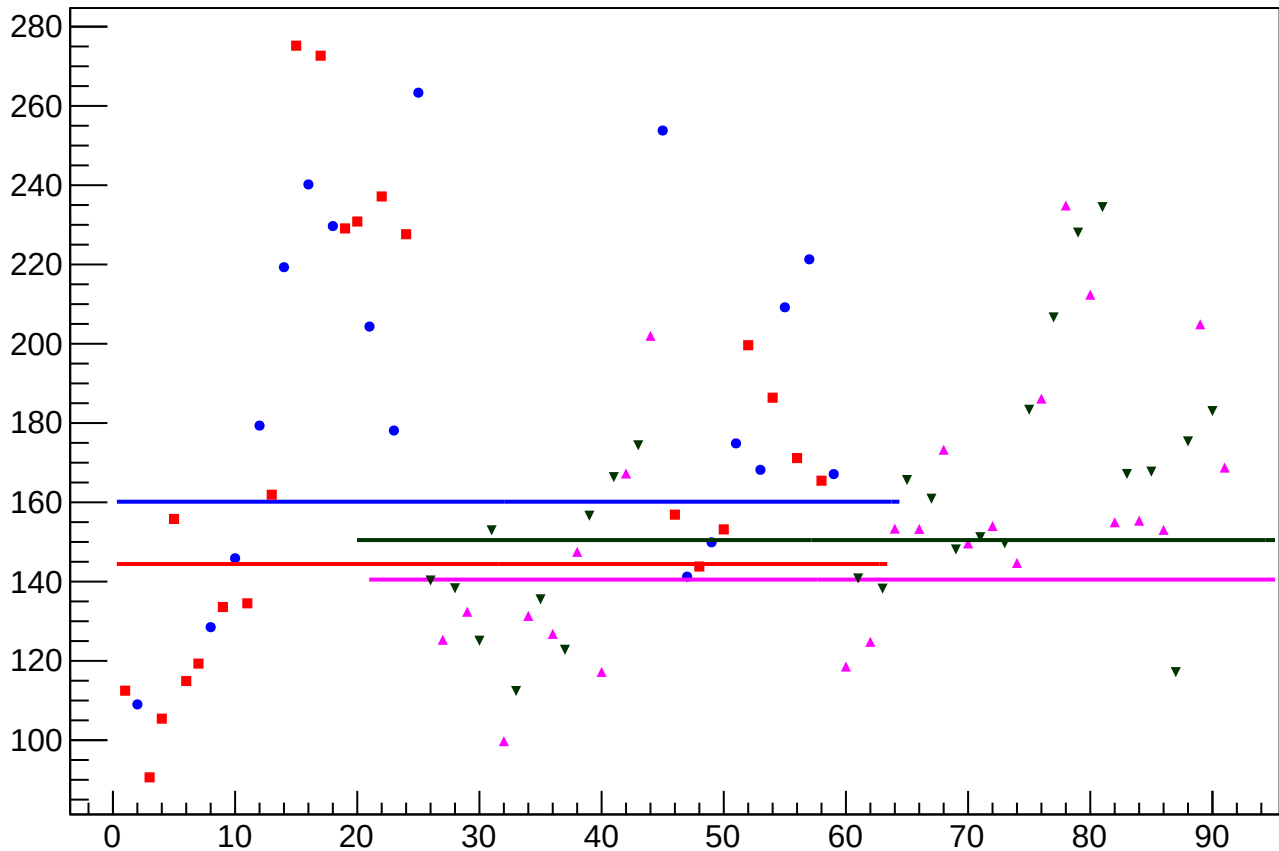
Left Out: 18.111 ± 42.873 $\chi^2/\text{NDF}: 57.6/25$

Right Out: -120.979 ± 46.946 $\chi^2/\text{NDF}: 6.9/21$

Left In: 42.516 ± 38.762 $\chi^2/\text{NDF}: 4.1/24$

-4.469 ± 21.958 $\chi^2/\text{NDF}: 80.1/90$

asym_bcm_dg_us_rms vs slug



Right In: 160.156 $\pm$ 0.035 χ^2/NDF : 1393015.3/17

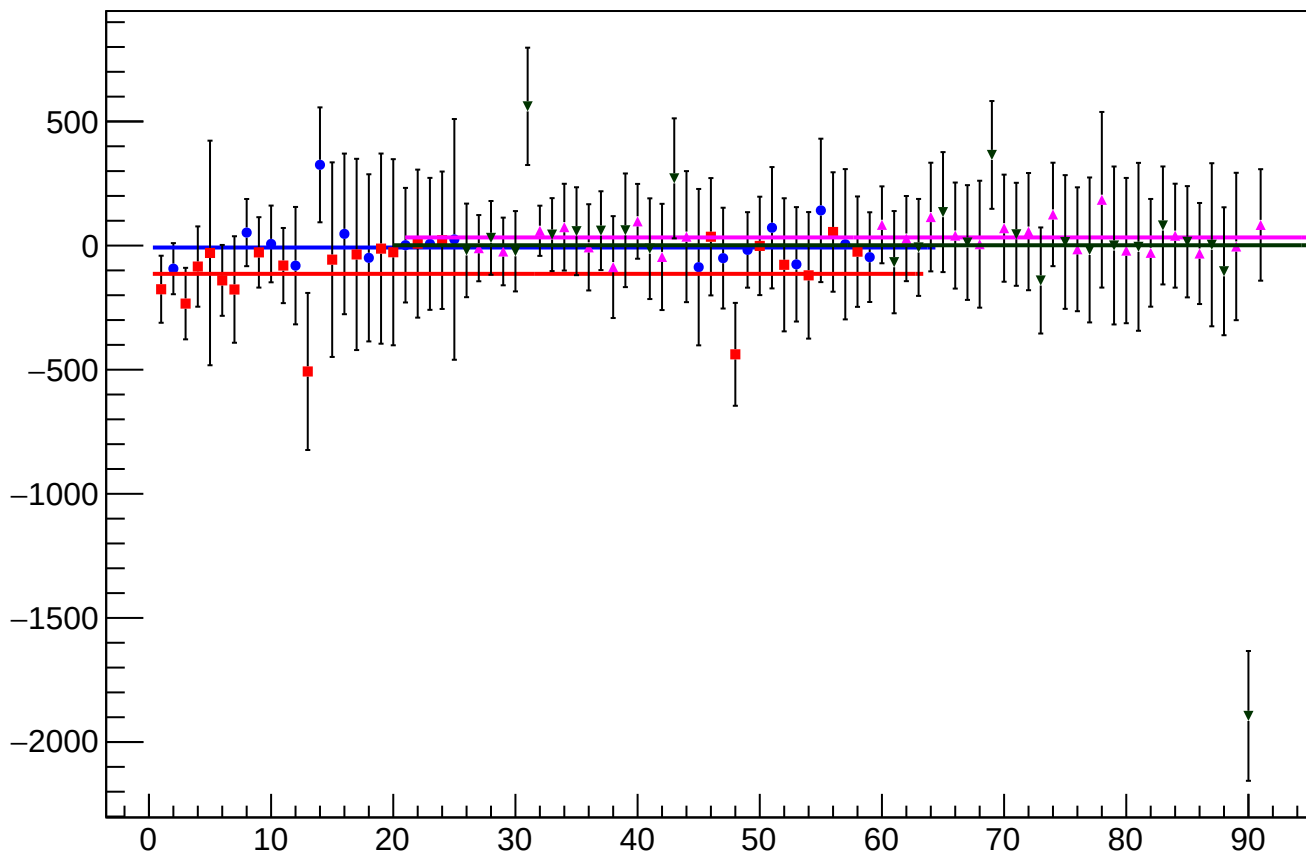
Left Out: 150.479 $\pm$ 0.030 χ^2/NDF : 737280.4/25

147.875 $\pm$ 0.016 χ^2/NDF : 5209815.3/90

Right Out: 144.438 $\pm$ 0.033 χ^2/NDF : 1773881.4/21

Left In: 140.512 $\pm$ 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

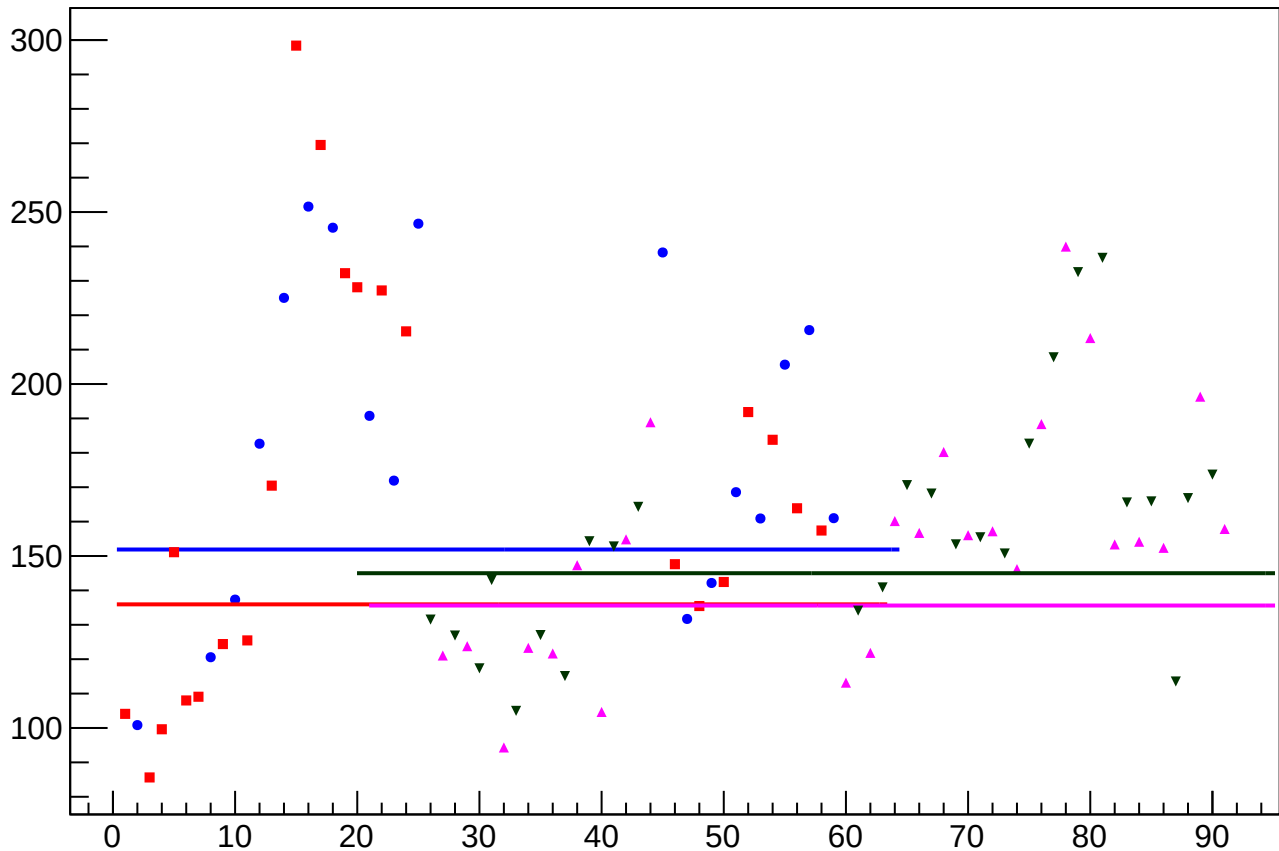
Left Out: 1.299 ± 41.498 χ^2/NDF : 63.9/25

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

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

-16.498 ± 21.108 χ^2/NDF : 84.0/90

asym_bcm_dg_ds_rms vs slug



Right In: 151.888+/-0.033 χ^2/NDF : 1692756.0/17

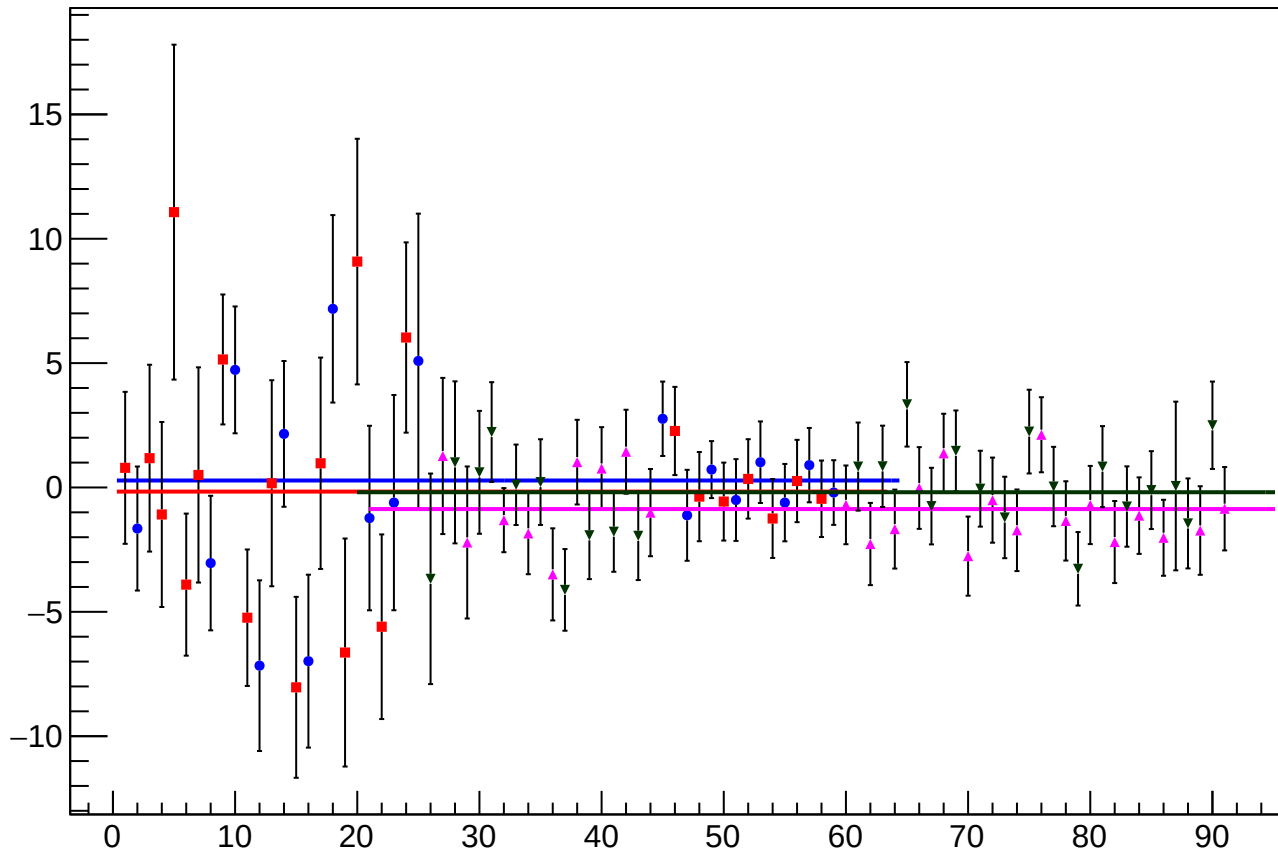
Left Out: 144.998+/-0.029 χ^2/NDF : 935181.6/25

Right Out: 135.941+/-0.031 χ^2/NDF : 2006029.2/21

Left In: 135.603+/-0.027 χ^2/NDF : 1334125.1/24

141.372+/-0.015 χ^2/NDF : 6159778.9/90

asym_cav4bQ_mean vs slug



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

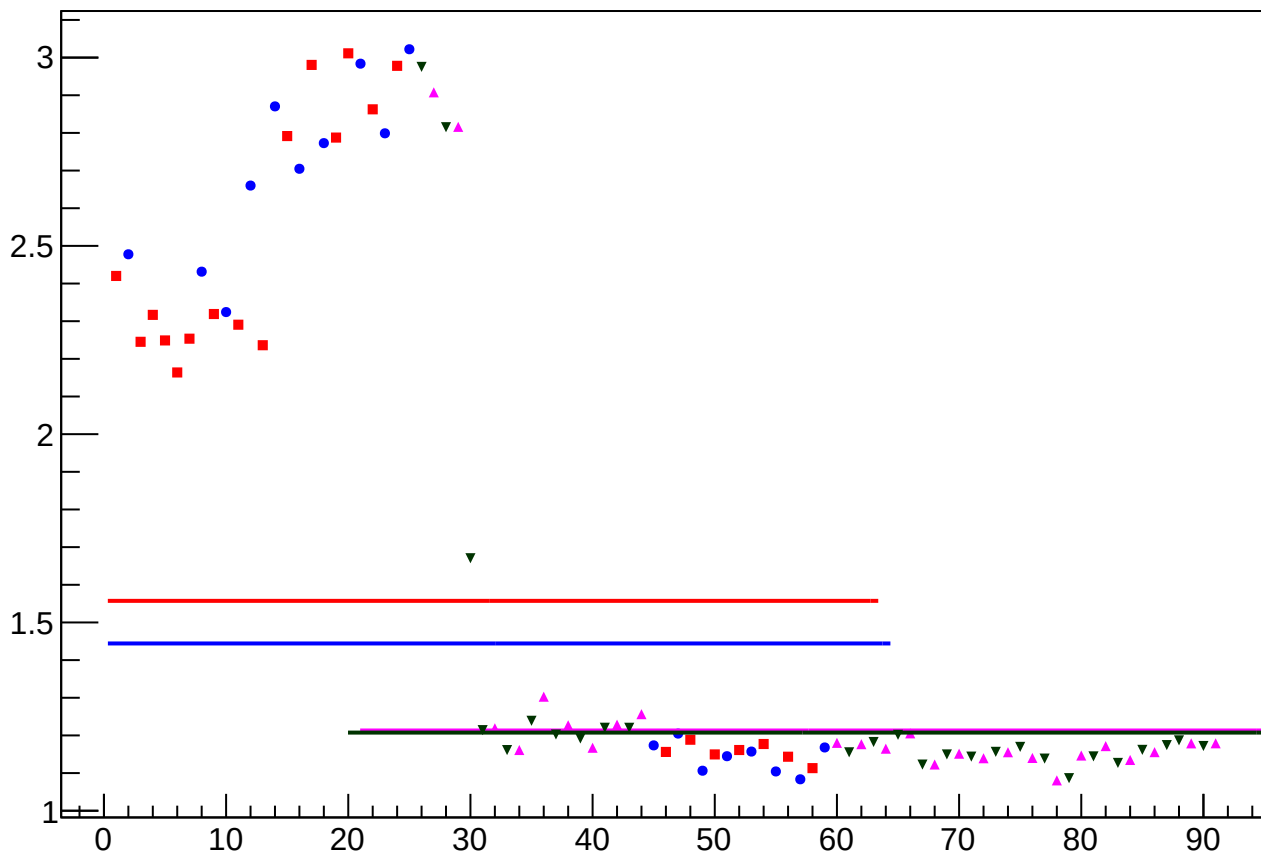
Left Out: -0.191 ± 0.345 χ^2/NDF : 27.6/25

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

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

-0.339 ± 0.197 χ^2/NDF : 103.3/90

asym_cav4bQ_rms vs slug



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

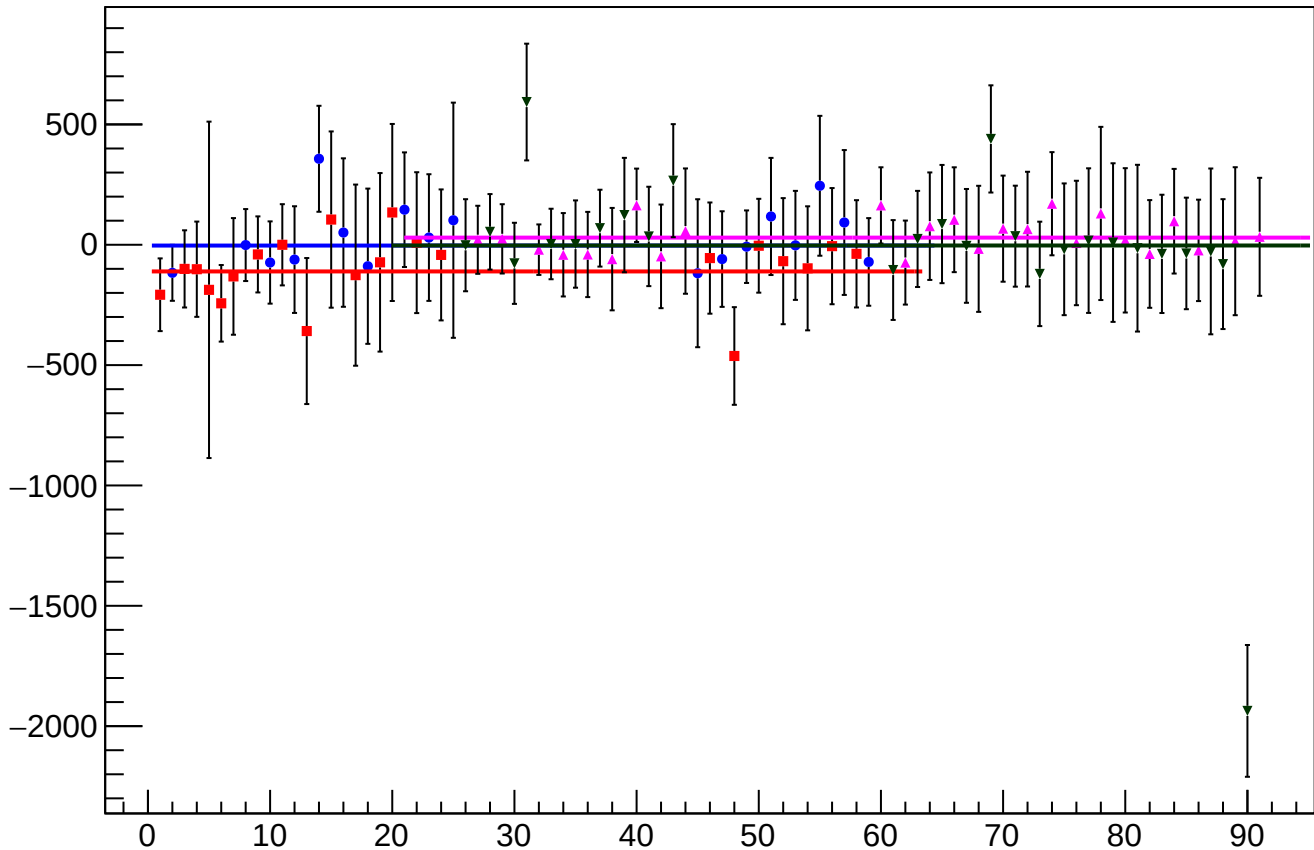
Left Out: 1.208+/-0.000 χ^2/NDF : 954430.4/25

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

Left In: 1.213+/-0.000 χ^2/NDF : 1194830.3/24

1.303+/-0.000 χ^2/NDF : 9578690.0/90

asym_cav4cQ_mean vs slug



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

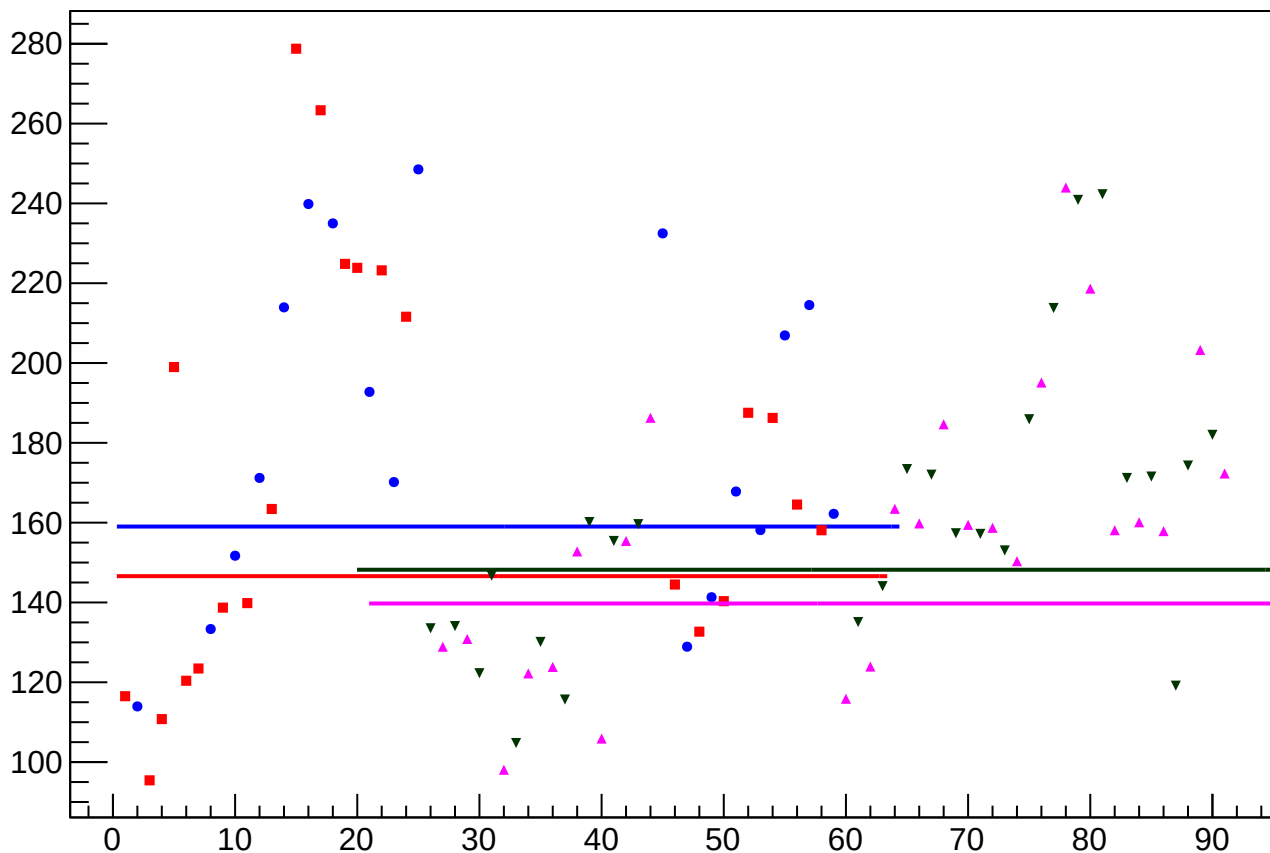
Left Out: -3.019 ± 42.434 χ^2/NDF : 62.9/25

-15.498 ± 21.887 χ^2/NDF : 85.2/90

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

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

asym_cav4cQ_rms vs slug



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

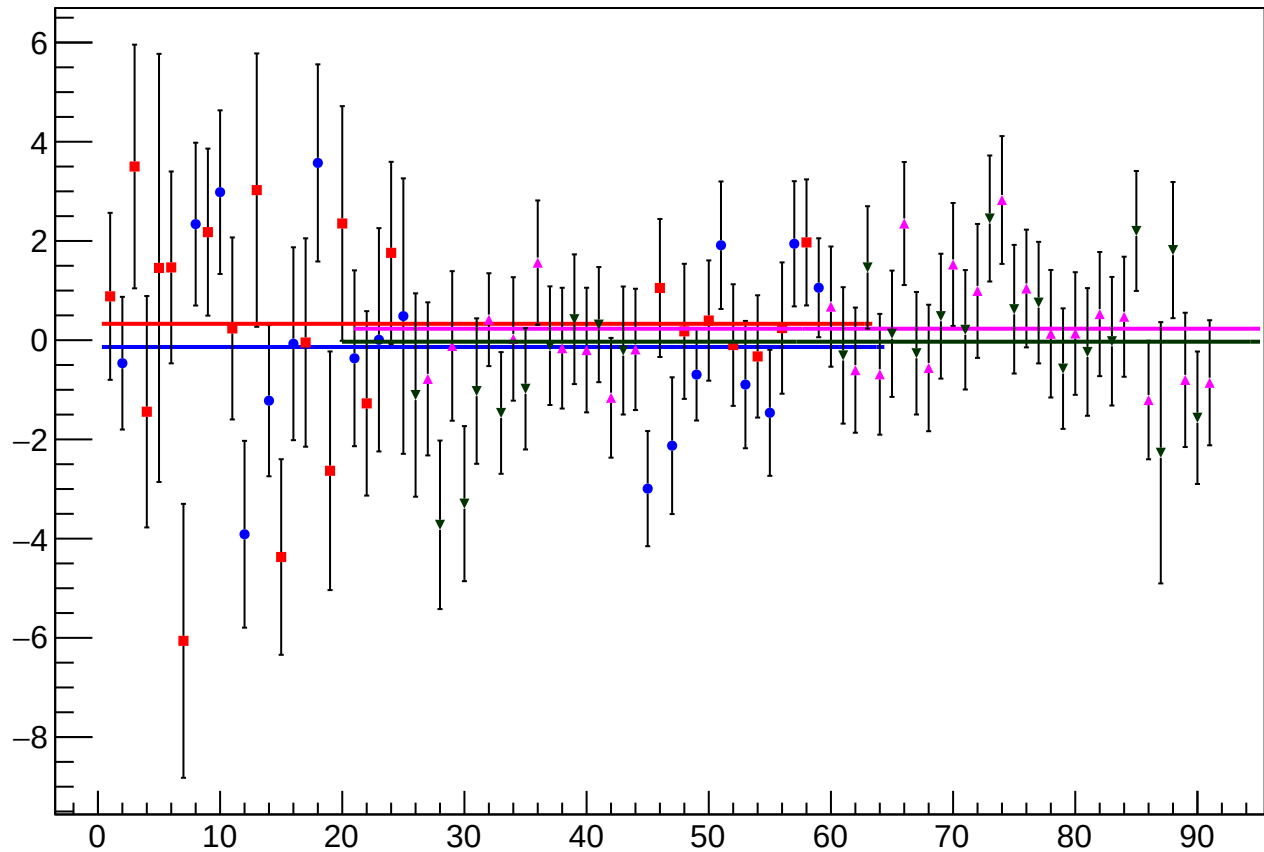
Left Out: 148.203+/-0.030 χ^2/NDF : 964981.0/25

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

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

147.325+/-0.015 χ^2/NDF : 5087270.3/90

asym_cav4dQ_mean vs slug



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

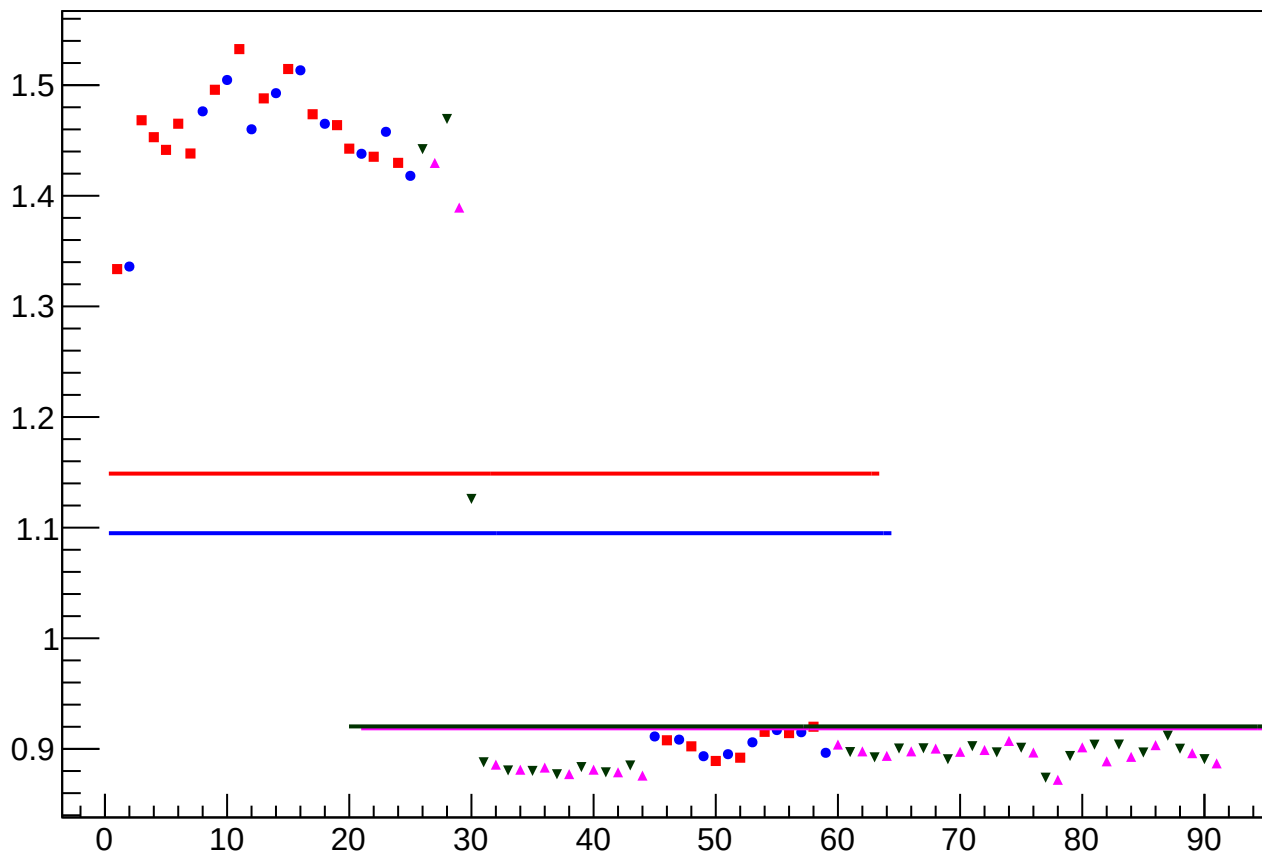
Left Out: -0.031 ± 0.259 χ^2/NDF : 25.8/25

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

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

0.095 ± 0.145 χ^2/NDF : 96.4/90

asym_cav4dQ_rms vs slug



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

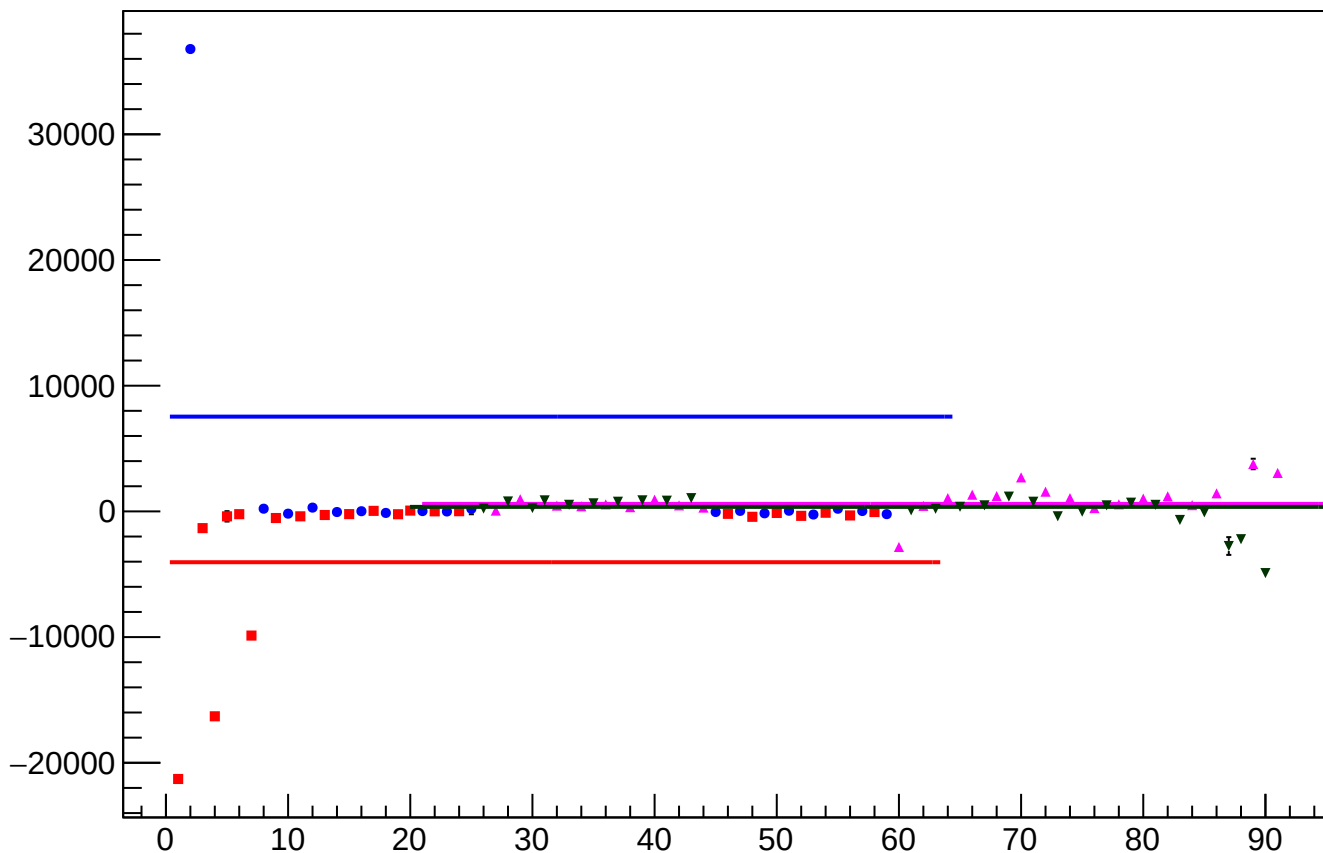
Left Out: 0.920+/-0.000 χ^2/NDF : 398760.3/25

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

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

0.989+/-0.000 χ^2/NDF : 4149982.1/90

asym_bcm0l02_mean vs slug



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

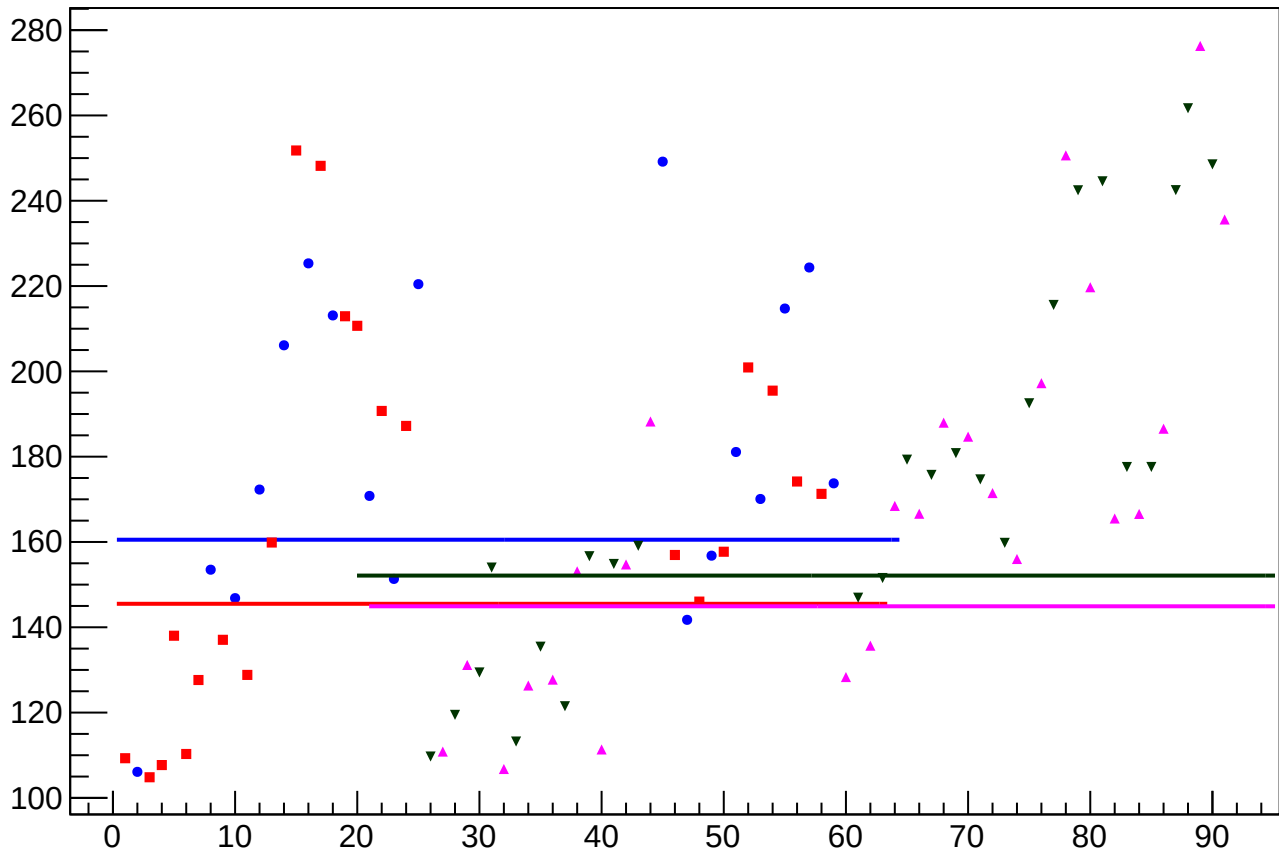
Left Out: 358.931+/-43.902 χ^2/NDF : 352.8/25

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

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

910.219+/-22.338 χ^2/NDF : 146540.0/90

asym_bcm0l02_rms vs slug



Right In: 160.527 $\pm$ 0.035 χ^2 /NDF: 1161096.7/17

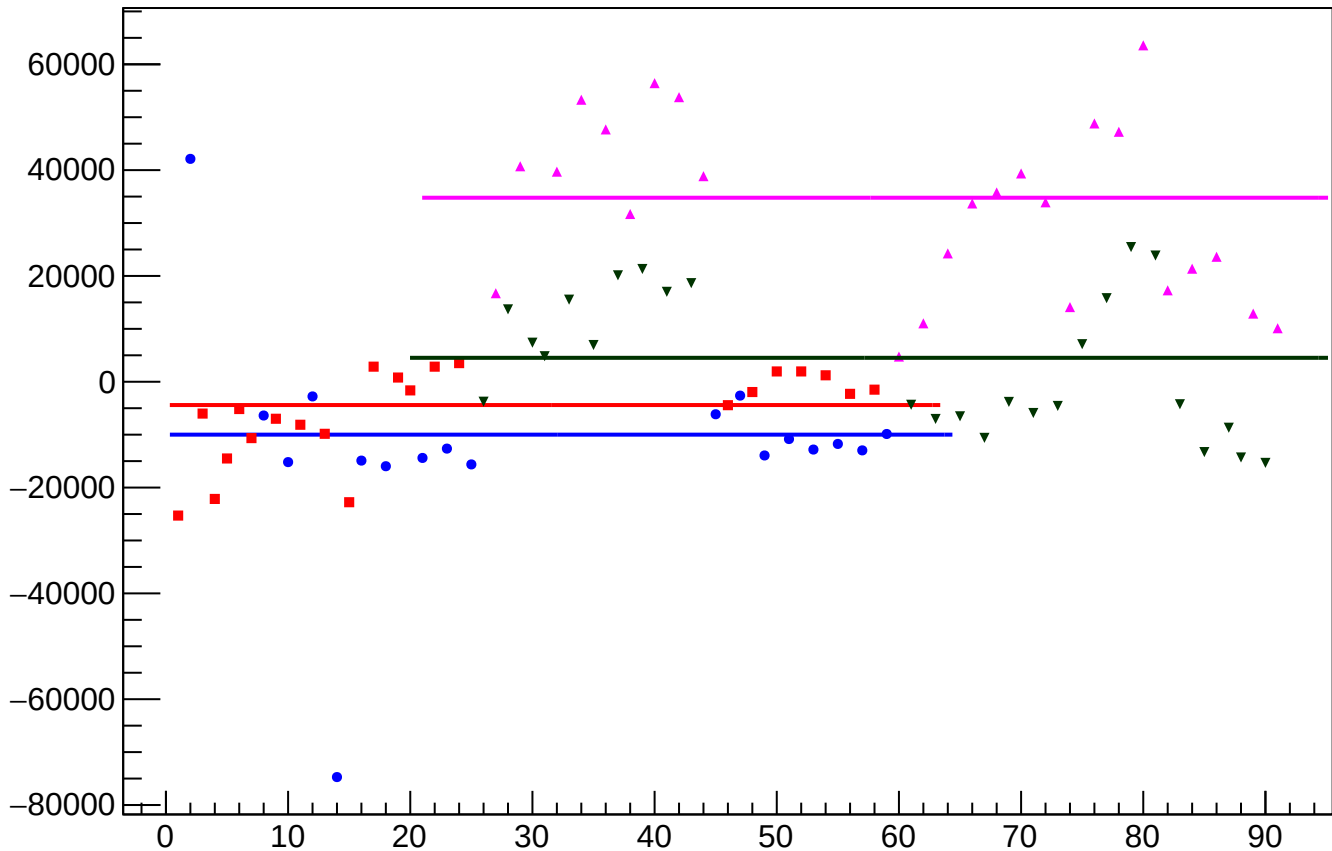
Left Out: 152.120 $\pm$ 0.031 χ^2 /NDF: 1357305.2/25

Right Out: 145.506 $\pm$ 0.033 χ^2 /NDF: 1330660.7/21

Left In: 144.920 $\pm$ 0.028 χ^2 /NDF: 1580247.5/24

150.132 $\pm$ 0.016 χ^2 /NDF: 5575641.5/90

asym_bpm2i01WS_mean vs slug



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

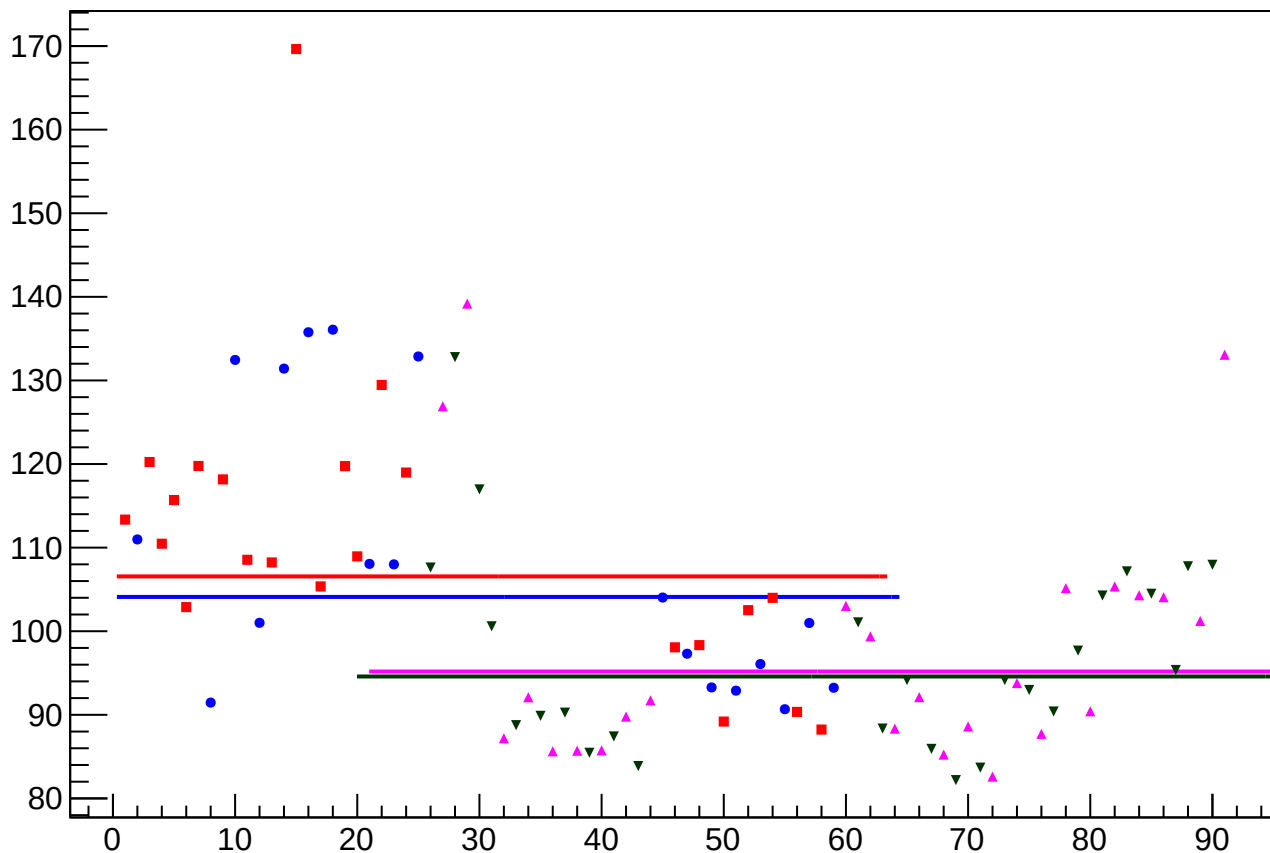
Left Out: 4525.164+/-27.023 χ^2 /NDF:221358.3/25

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

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

9156.459+/-14.578 χ^2 /NDF: 2586447.3/90

asym_bpm2i01WS_rms vs slug



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

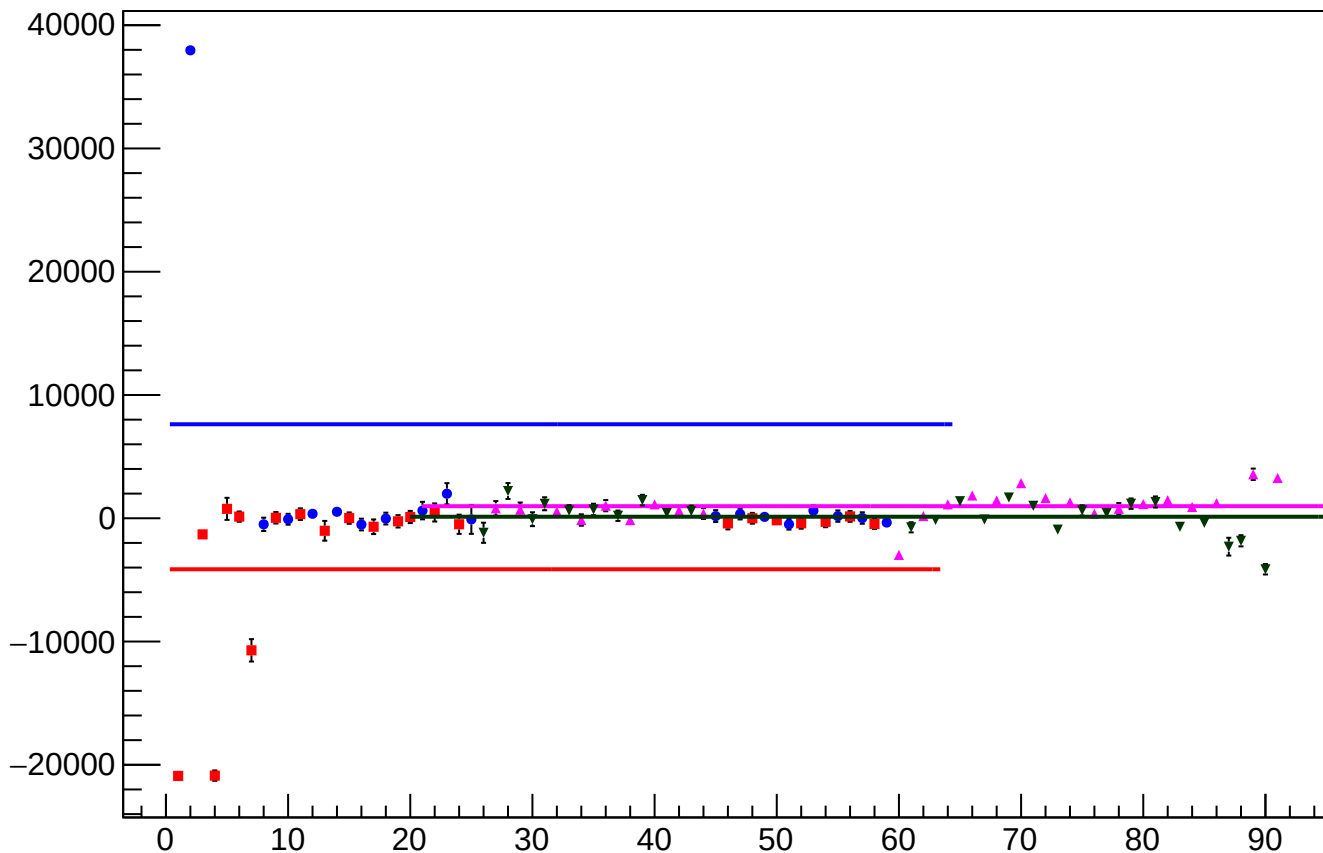
Left Out: 94.585+/-0.019 χ^2/NDF : 327955.7/25

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

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

99.021+/-0.010 χ^2/NDF : 1868393.7/90

asym_bpm0i07WS_mean vs slug



Right In: 7625.982 $\pm$ 96.253 χ^2 /NDF: 24663.5/17

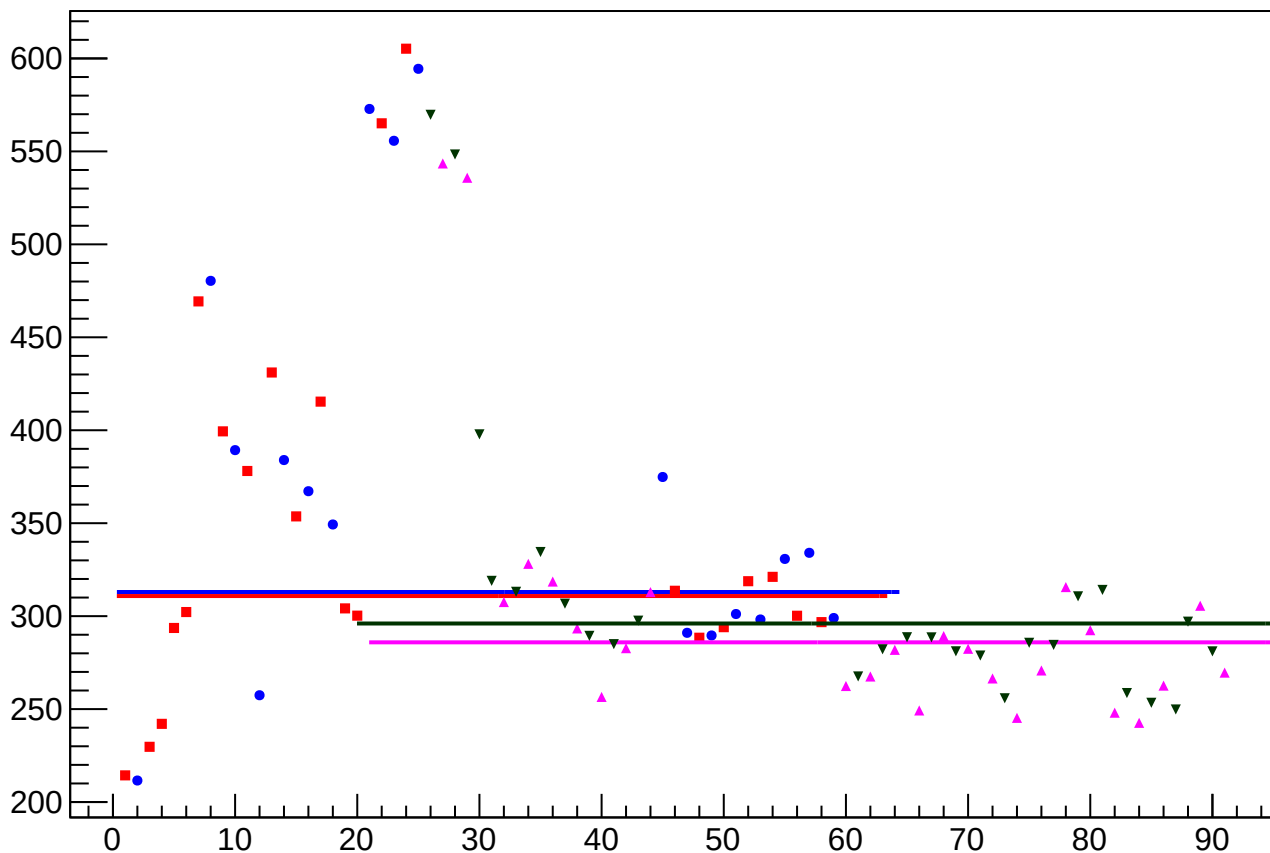
Left Out: 124.146 $\pm$ 84.277 χ^2 /NDF: 230.1/25

Right Out: -4138.164 $\pm$ 99.861 χ^2 /NDF: 6475.4/21

Left In: 979.641 $\pm$ 78.318 χ^2 /NDF: 254.5/24

1143.145 $\pm$ 44.192 χ^2 /NDF: 39107.3/90

asym_bpm0i07WS_rms vs slug



Right In: 312.989 ± 0.068 $\chi^2/\text{NDF}: 1456343.7/17$

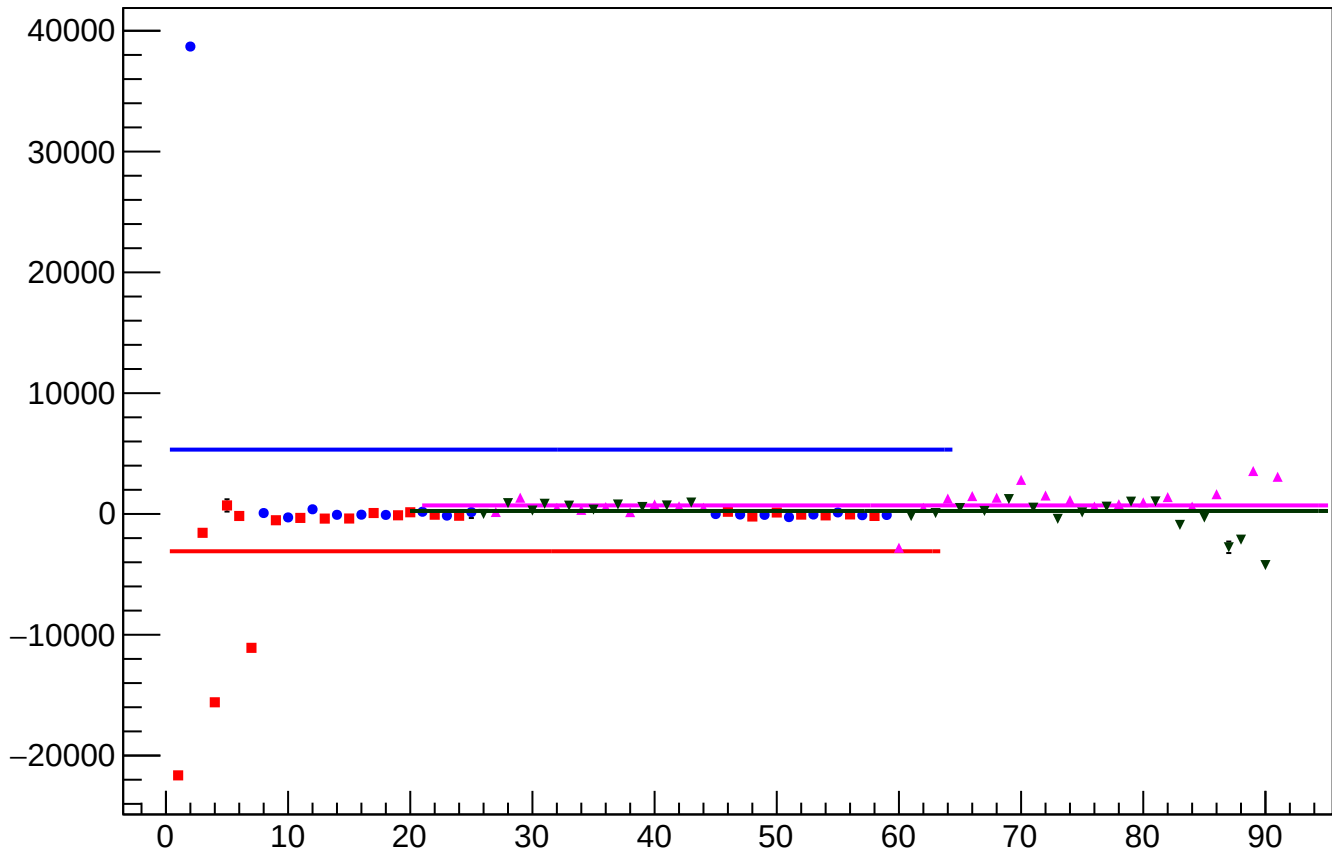
Left Out: 296.046 ± 0.060 $\chi^2/\text{NDF}: 736097.9/25$

Right Out: 310.816 ± 0.071 $\chi^2/\text{NDF}: 1217552.1/21$

Left In: 285.911 ± 0.055 $\chi^2/\text{NDF}: 958881.2/24$

299.283 ± 0.031 $\chi^2/\text{NDF}: 4497357.0/90$

asym_bpm0l01WS_mean vs slug



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

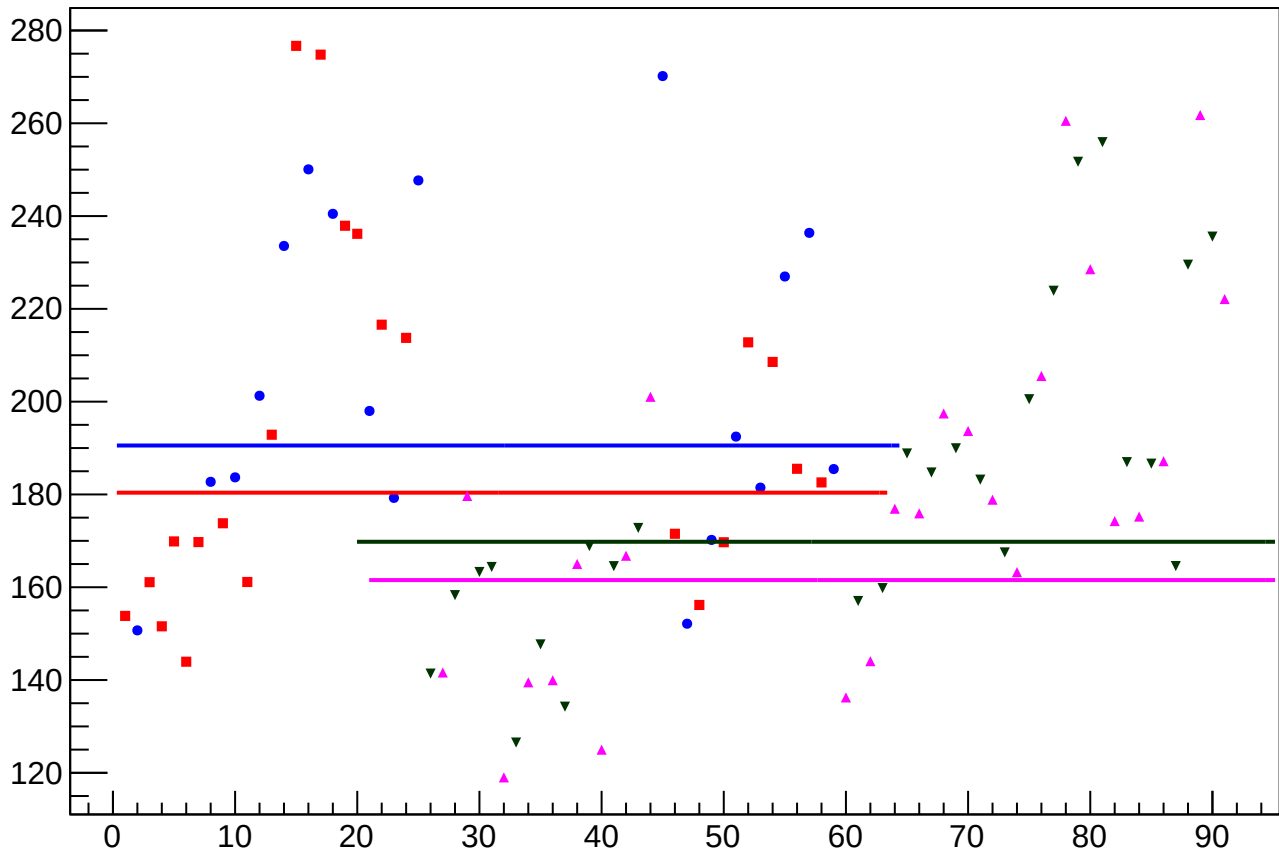
Left Out: 247.111+/-48.428 χ^2/NDF : 352.7/25

725.555+/-25.465 χ^2/NDF : 79672.9/90

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

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

asym_bpm0l01WS_rms vs slug



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

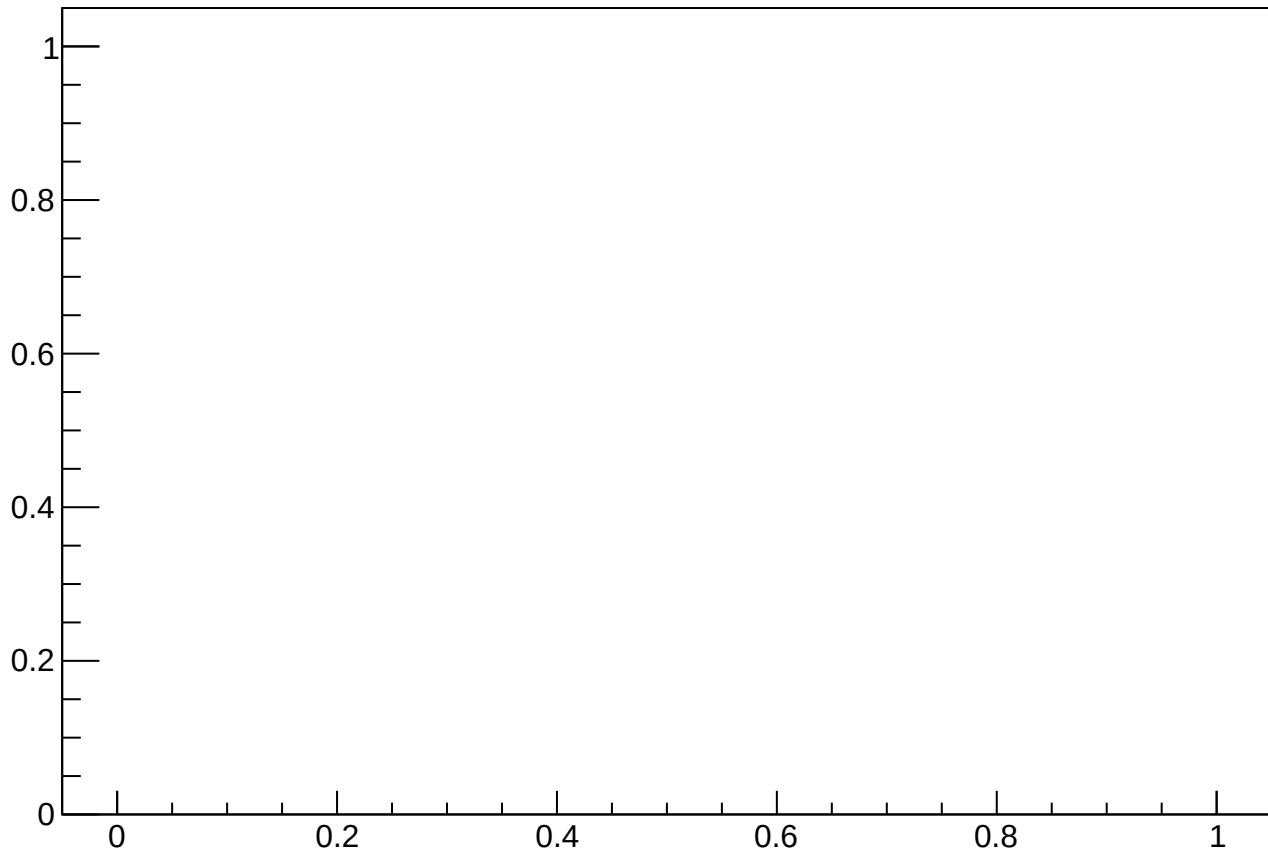
Left Out: 169.800 ± 0.034 $\chi^2/\text{NDF}: 761378.1/25$

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

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

173.252 ± 0.018 $\chi^2/\text{NDF}: 3464762.1/90$

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

bcm_an_us_ds_avg_rms vs slug



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

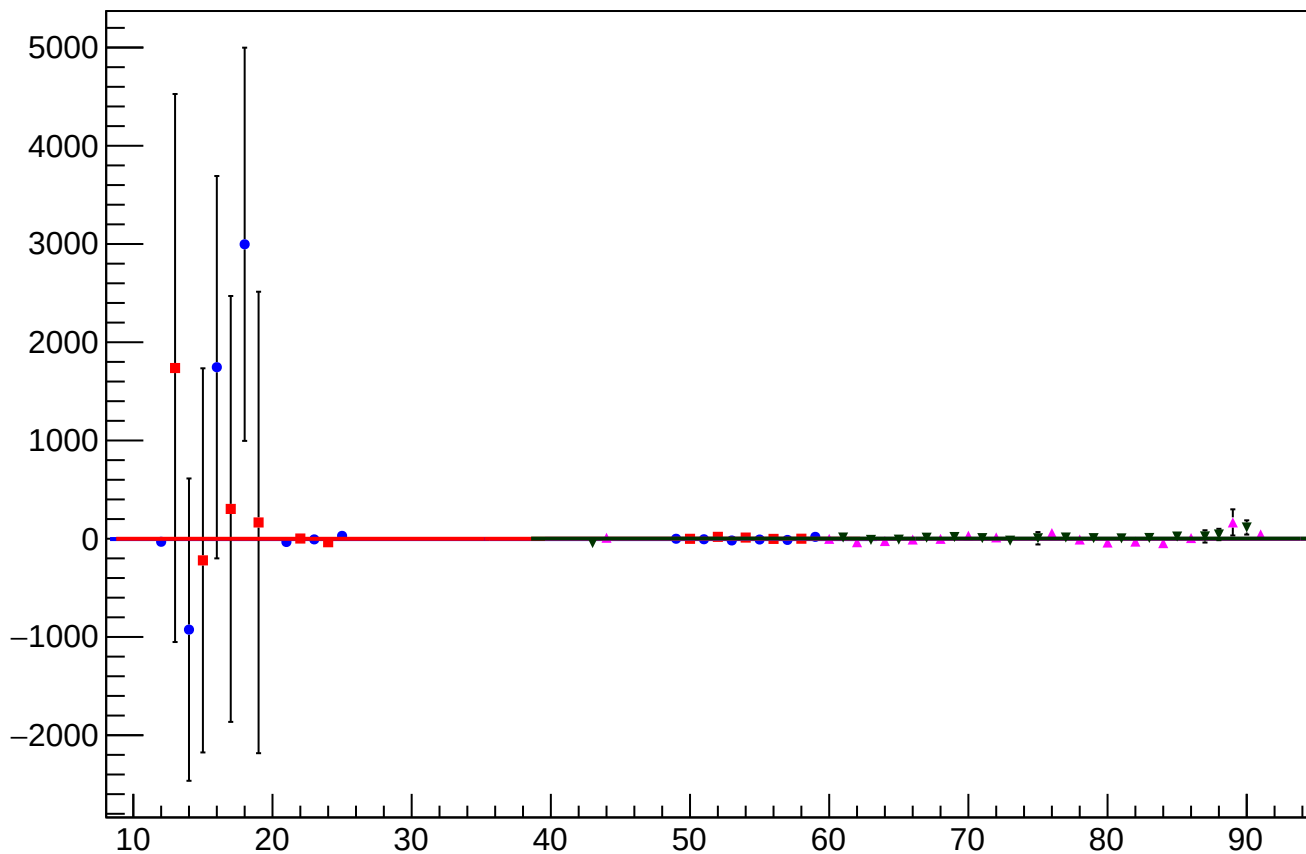
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

bcm_an_us_ds_dd_mean vs slug



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

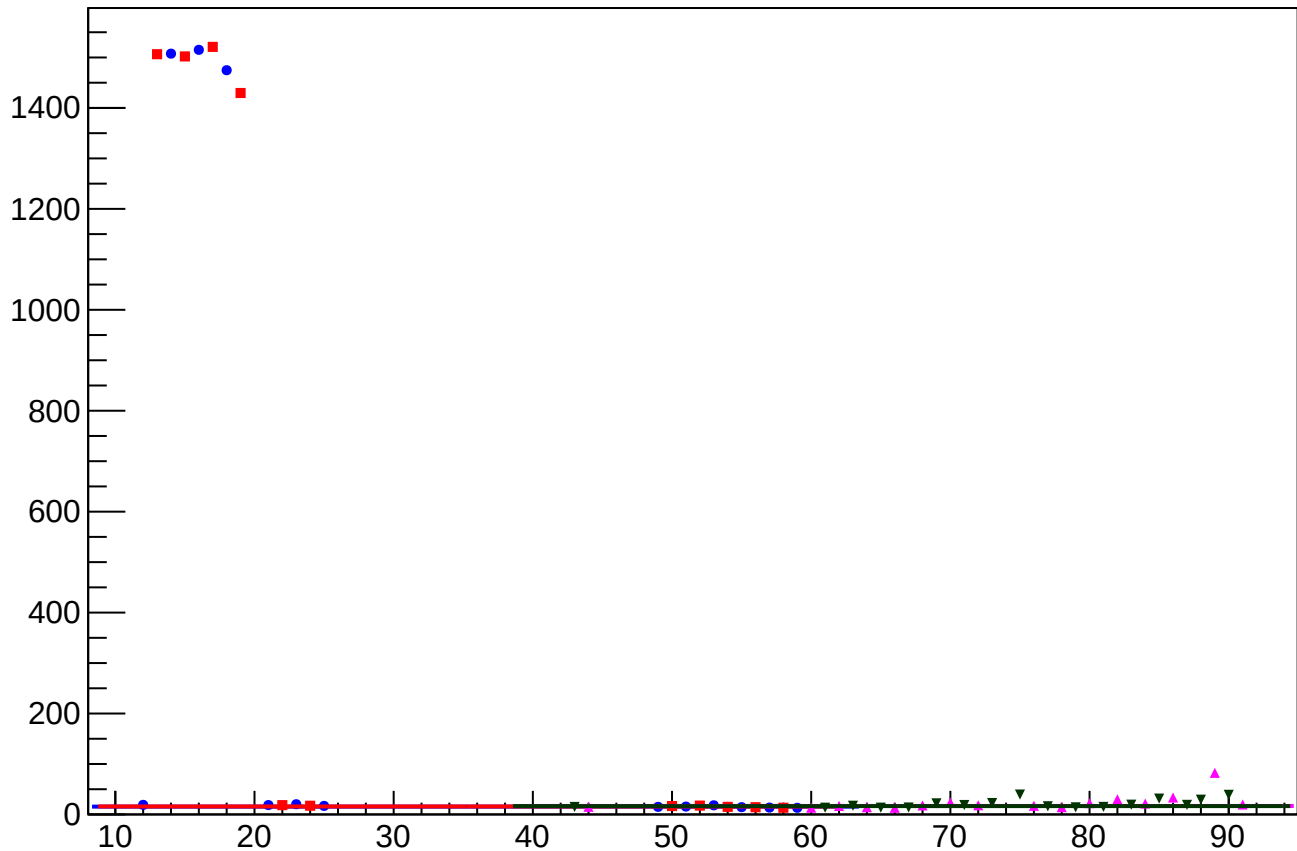
Left Out: 1.399 ± 6.505 χ^2/NDF : 9.6/16

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

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

-1.138 ± 3.453 χ^2/NDF : 40.5/56

bcm_an_us_ds_dd_rms vs slug



Right In: 15.520 $\pm$ 0.005 χ^2 /NDF: 4337775.3/12

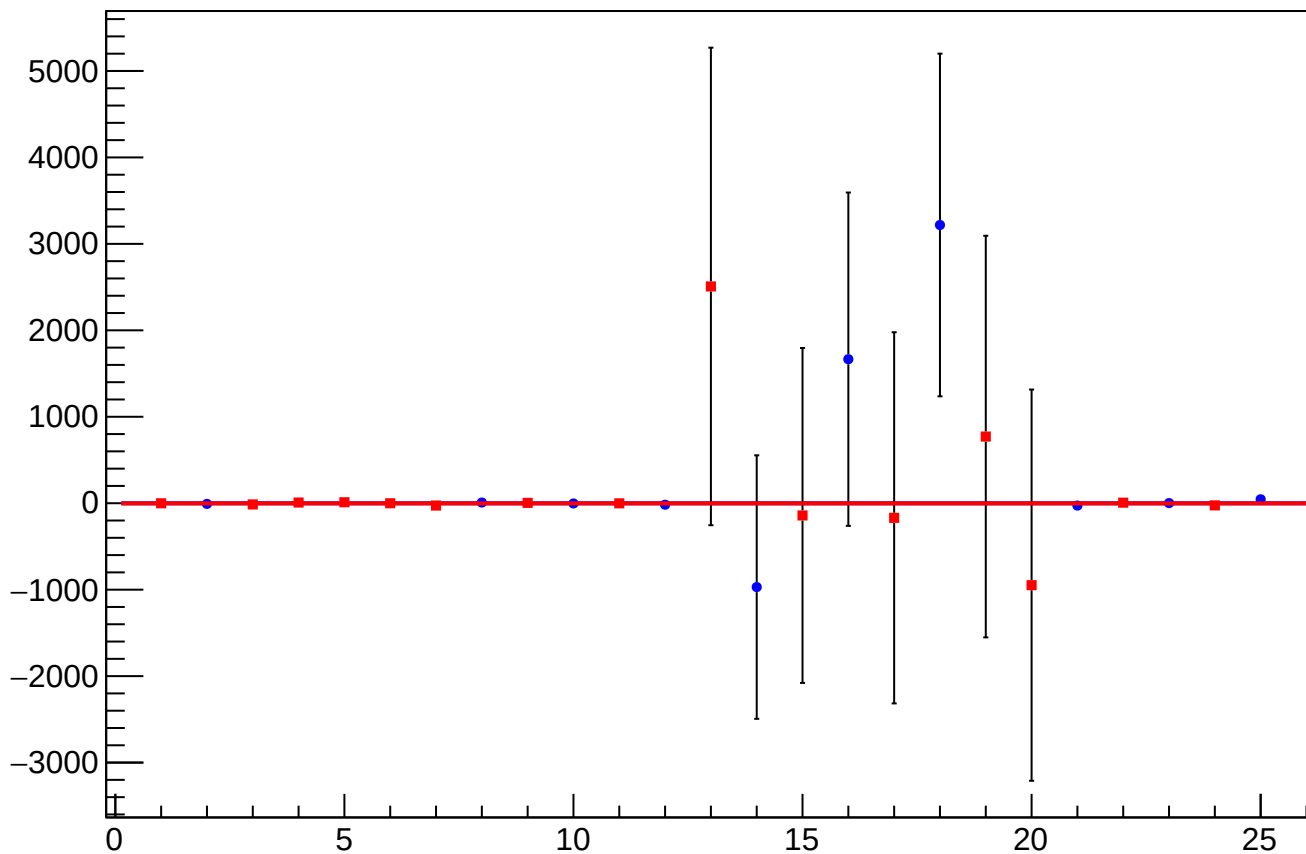
Left Out: 16.562 $\pm$ 0.005 χ^2 /NDF: 1082181.0/16

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

16.234 $\pm$ 0.002 χ^2 /NDF: 10241574.1/56

bcm_an_us_ds3_dd_mean vs slug



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

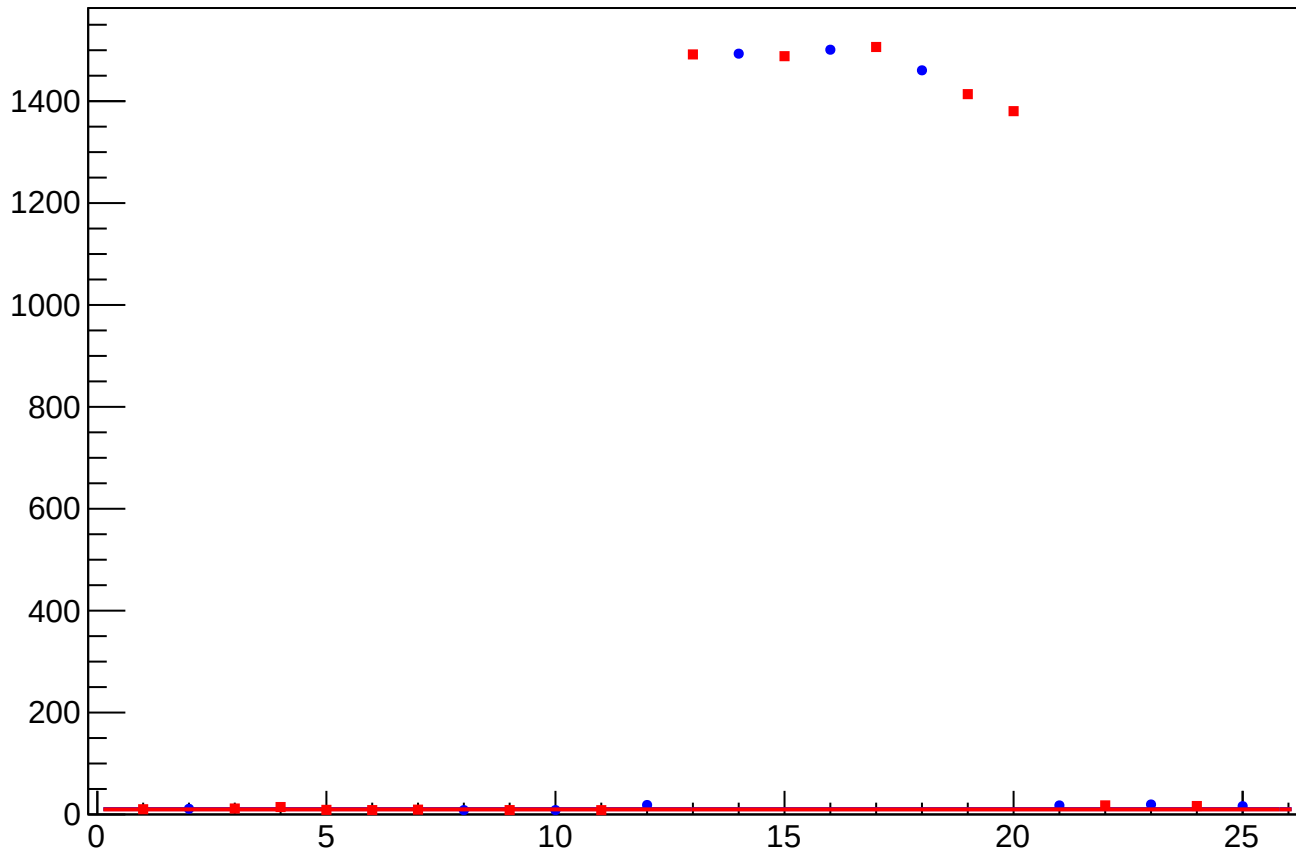
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

-1.513+/-3.530 χ^2 /NDF: 14.0/24

bcm_an_us_ds3_dd_rms vs slug



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

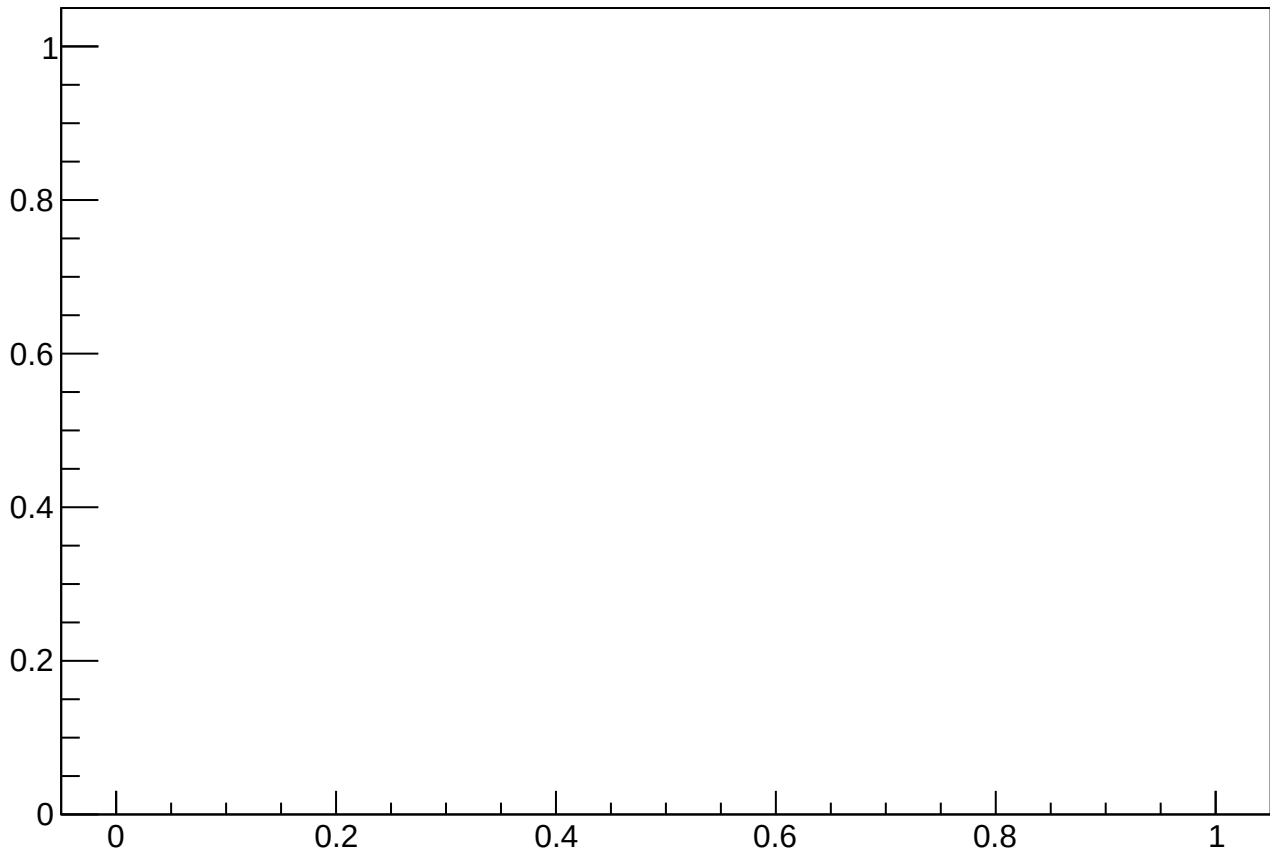
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.152+/-0.002 χ^2/NDF : 9722660.7/24

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

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

bcm_an_ds_ds3_dd_mean vs slug



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

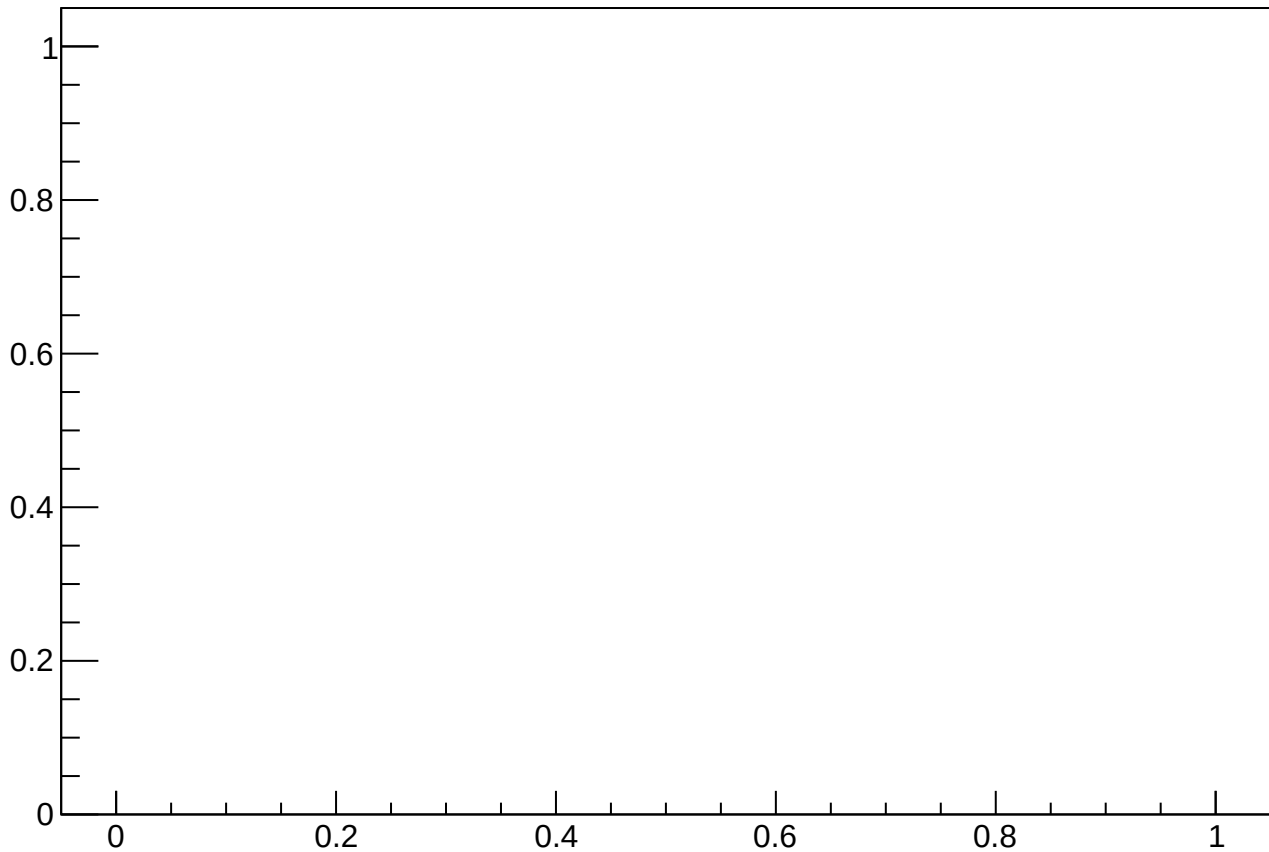
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_avg_mean vs slug



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

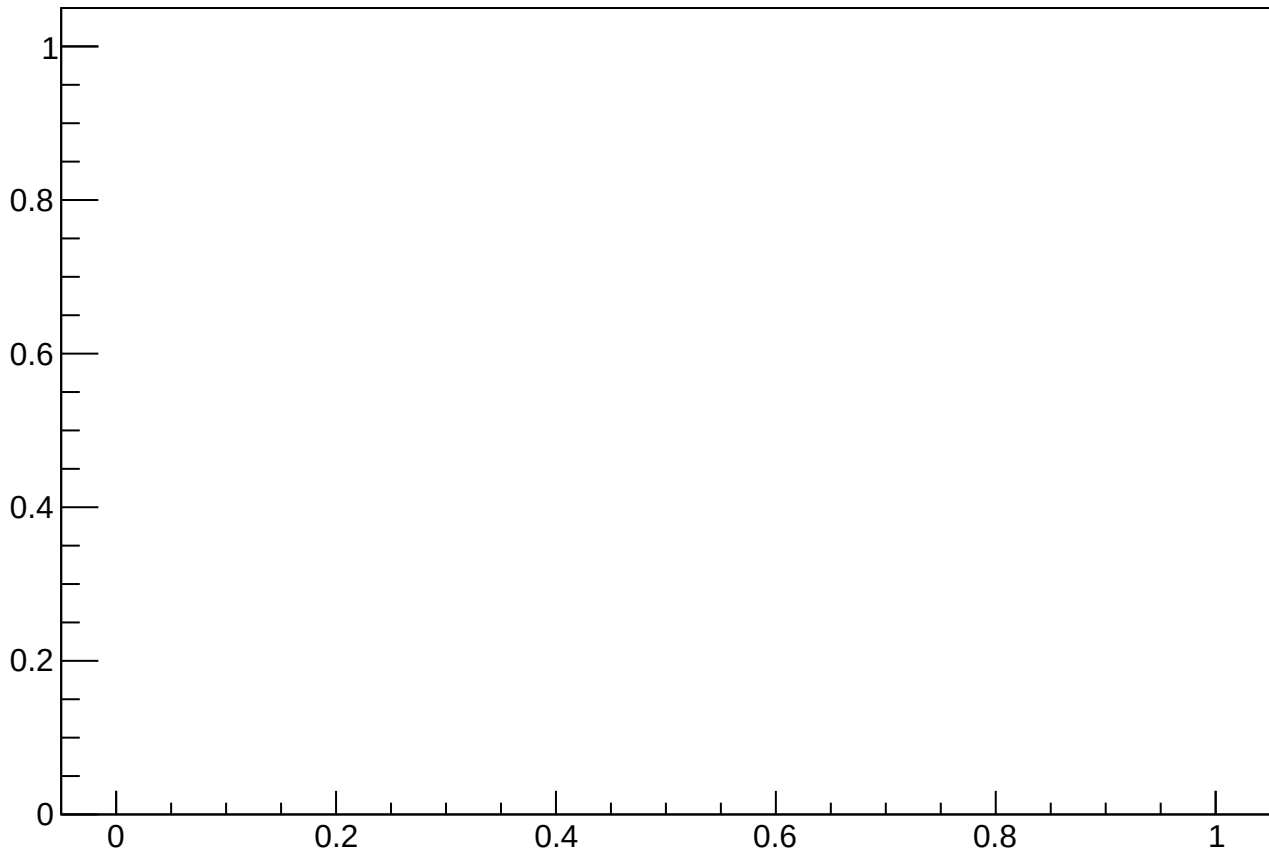
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



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

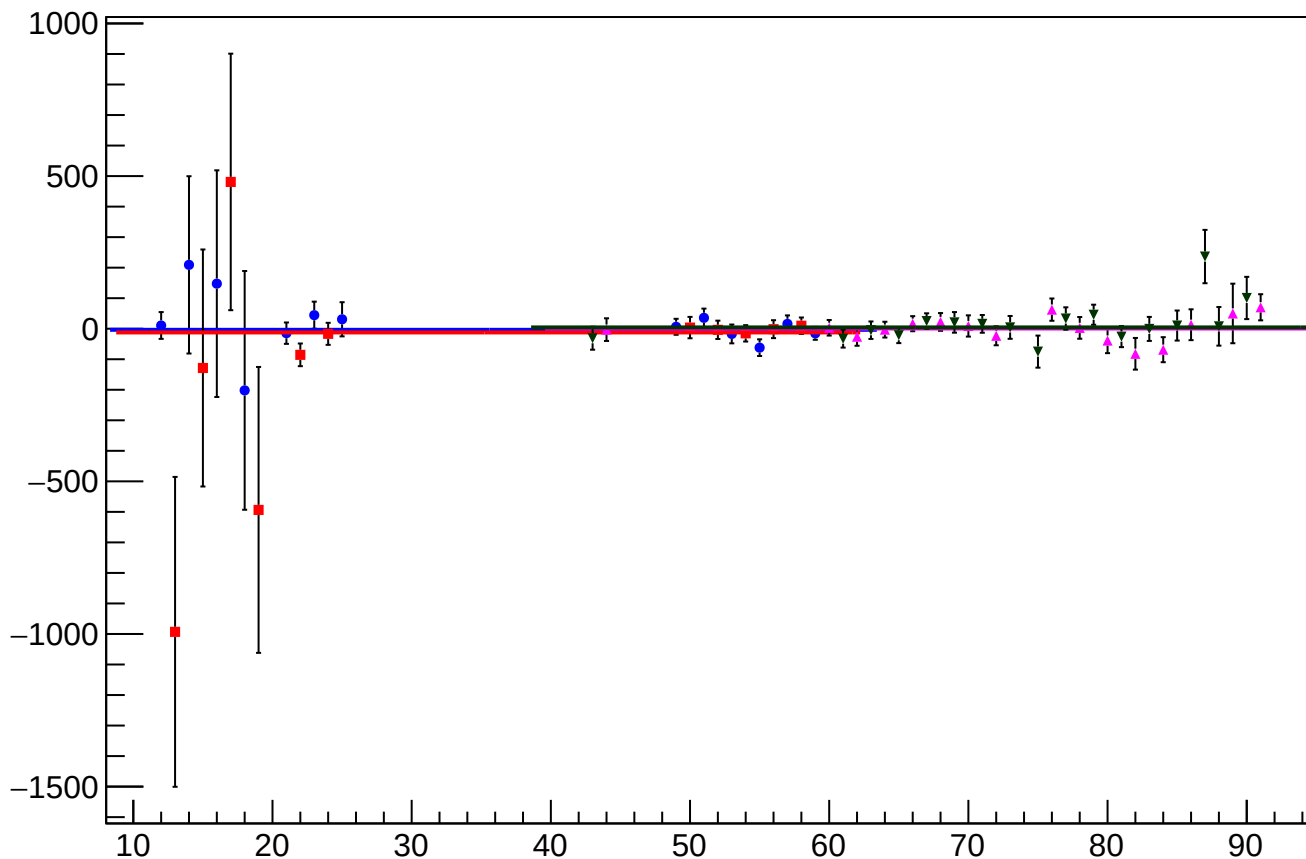
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs slug



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

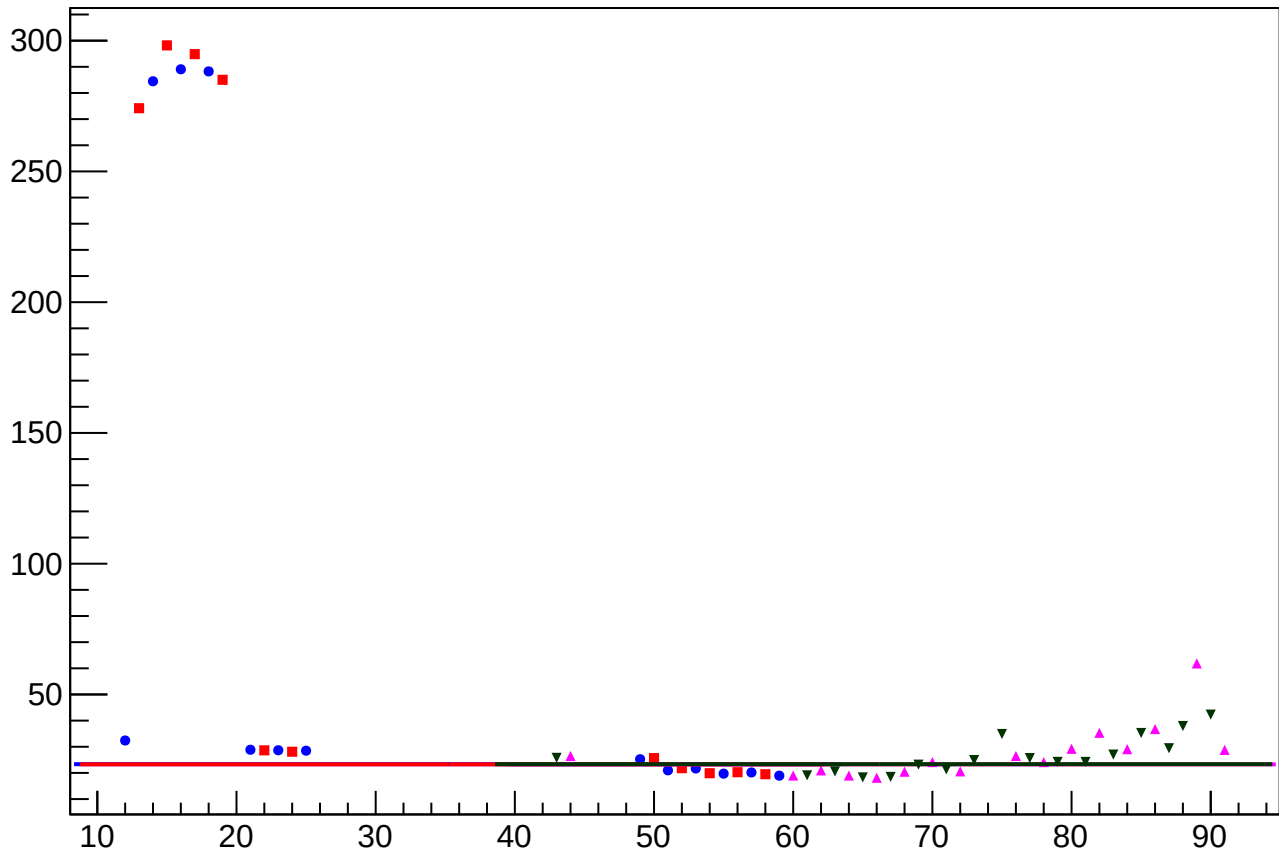
Left Out: 4.268 ± 8.624 $\chi^2/\text{NDF}: 18.9/16$

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

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

-1.371 ± 4.704 $\chi^2/\text{NDF}: 56.8/56$

bcm_dg_us_ds_dd _rms vs slug



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

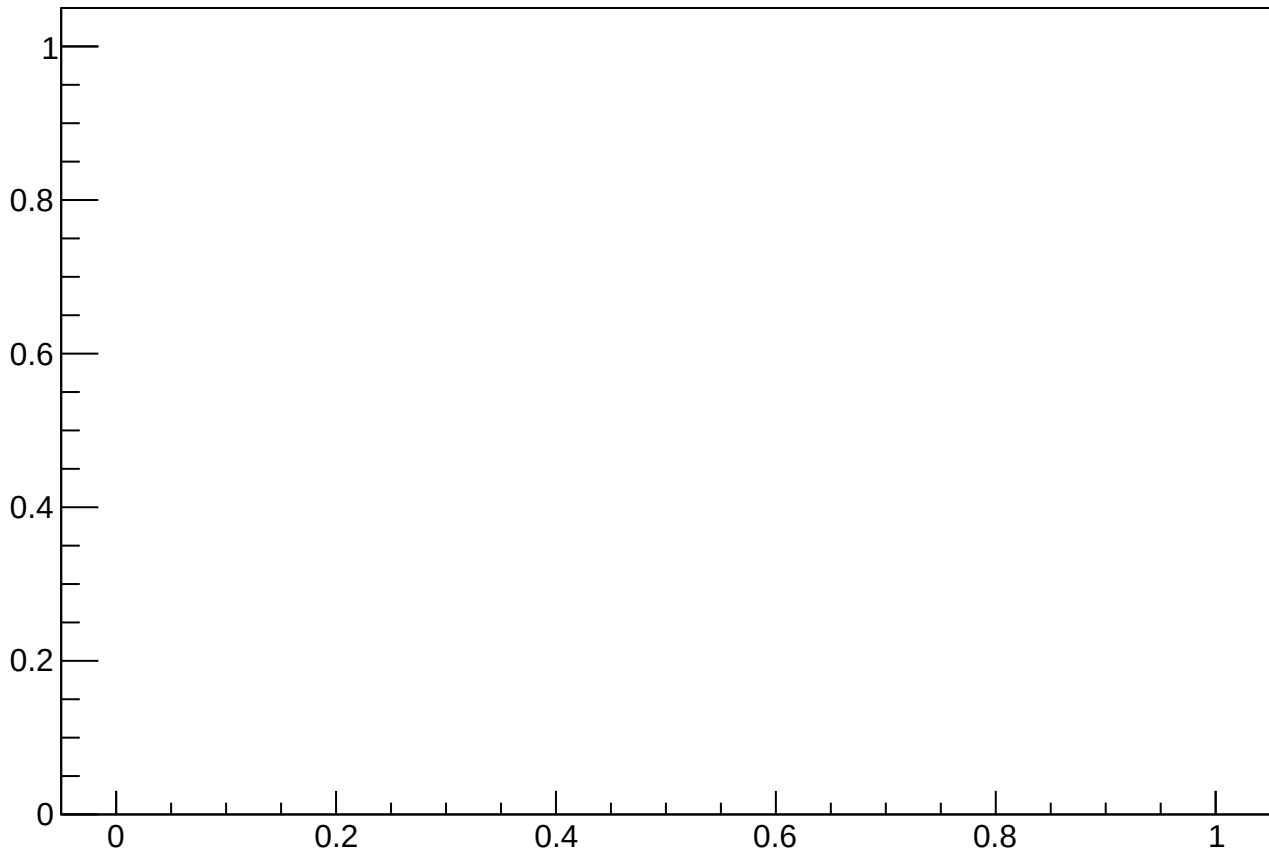
Left Out: 23.337+/-0.006 χ^2 /NDF: 741899.7/16

23.307+/-0.003 χ^2 /NDF: 8748135.5/56

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

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

bcm_dg_us_ds3_dd_mean vs slug



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

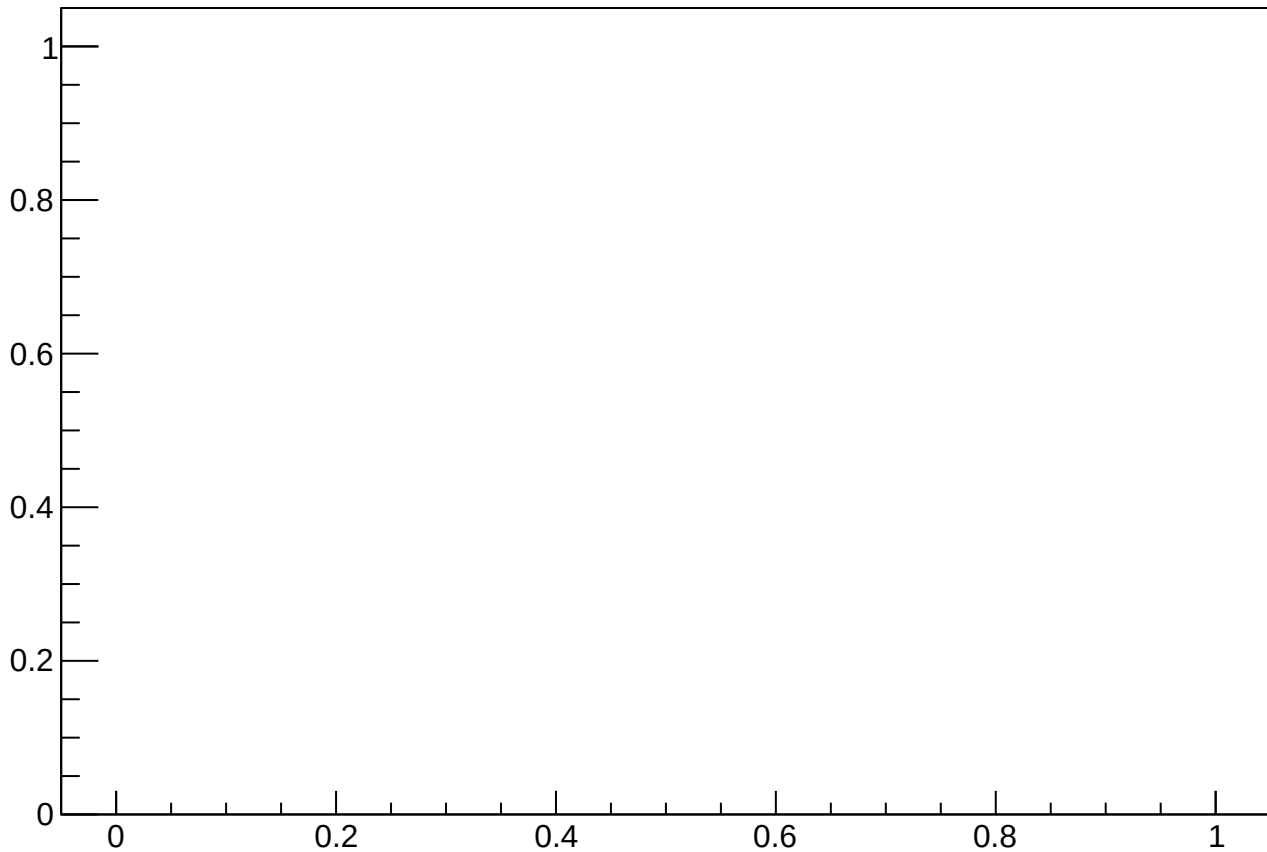
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

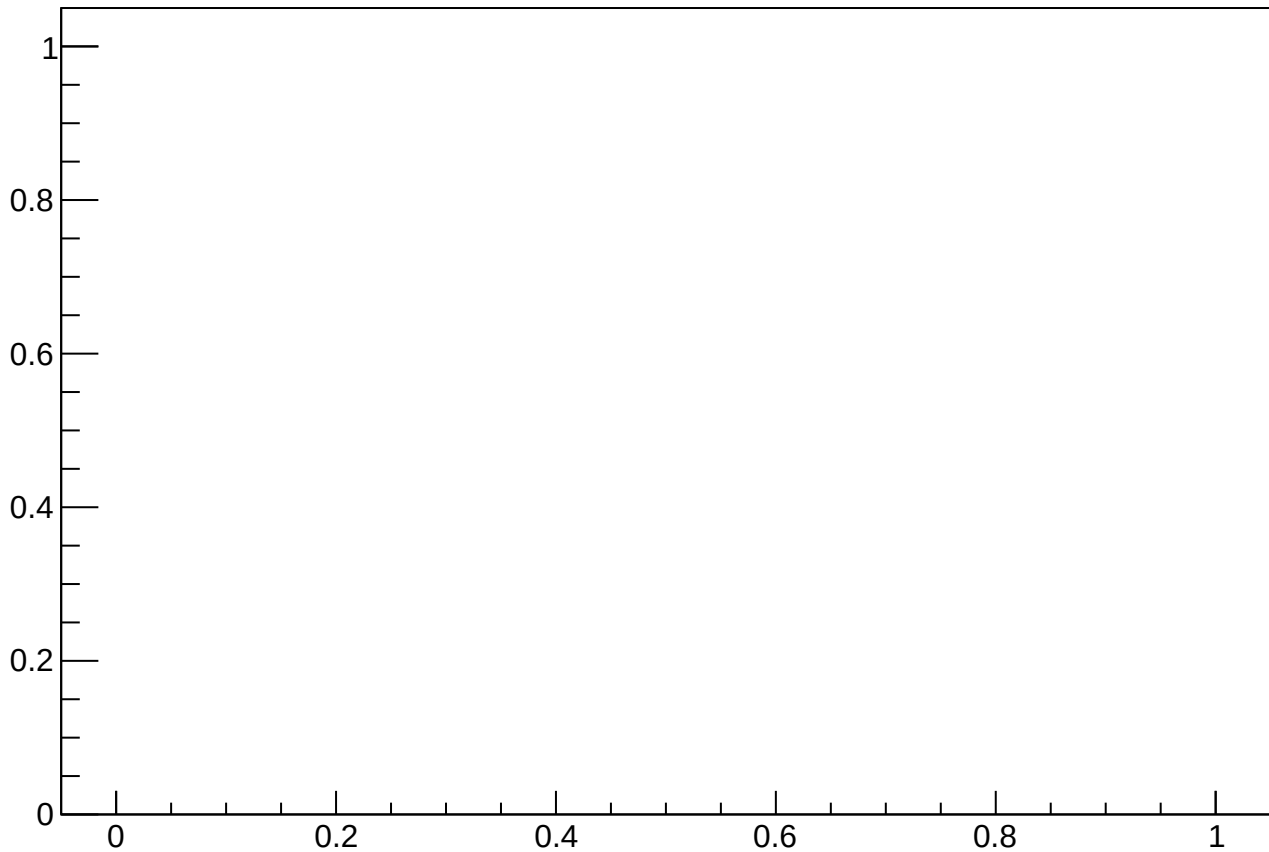
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

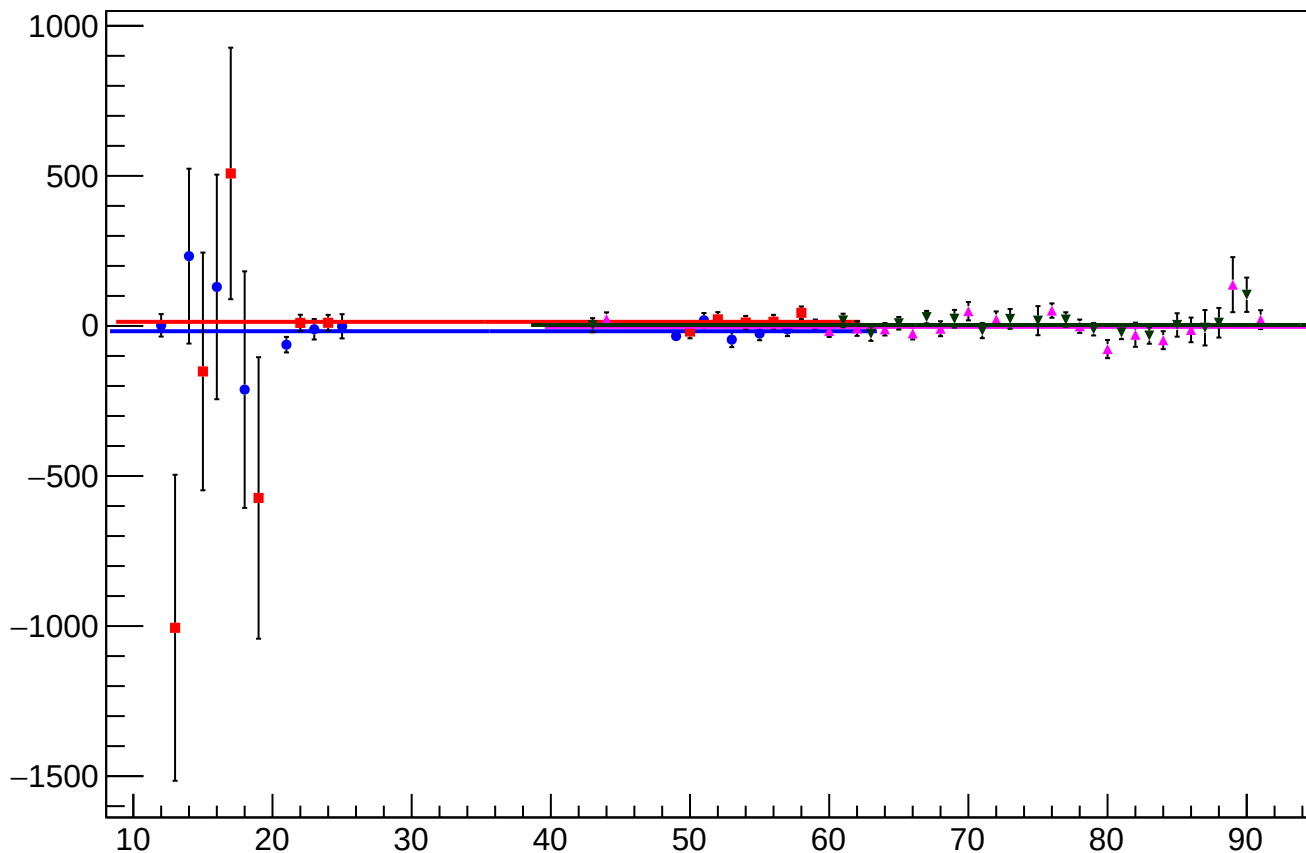
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds_dd_mean vs slug



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

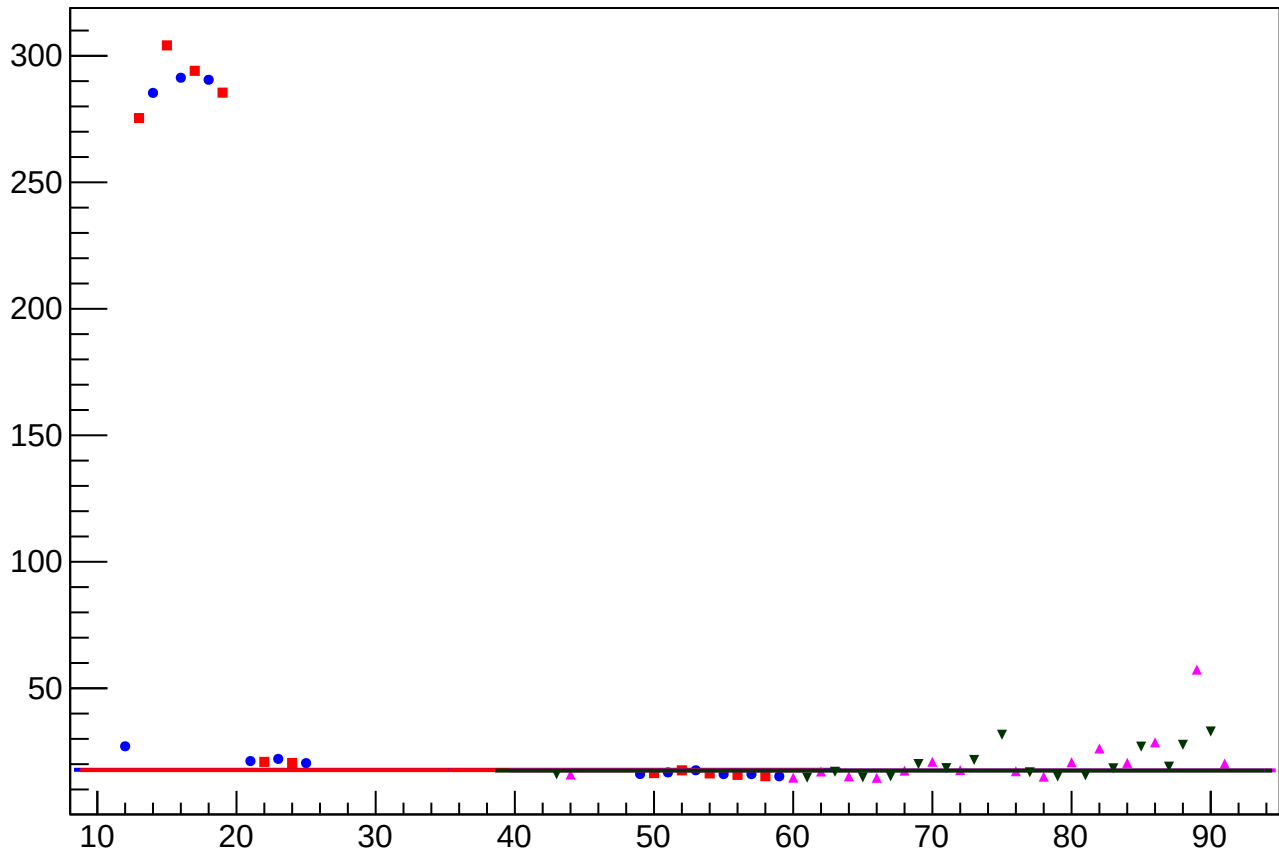
Left Out: 3.209 ± 6.556 χ^2/NDF : 12.2/16

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

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

-1.819 ± 3.591 χ^2/NDF : 66.6/56

bcm_dg_ds_ds_dd _rms vs slug



Right In: 17.778 $\pm$ 0.005 χ^2 /NDF: 4007051.1/12

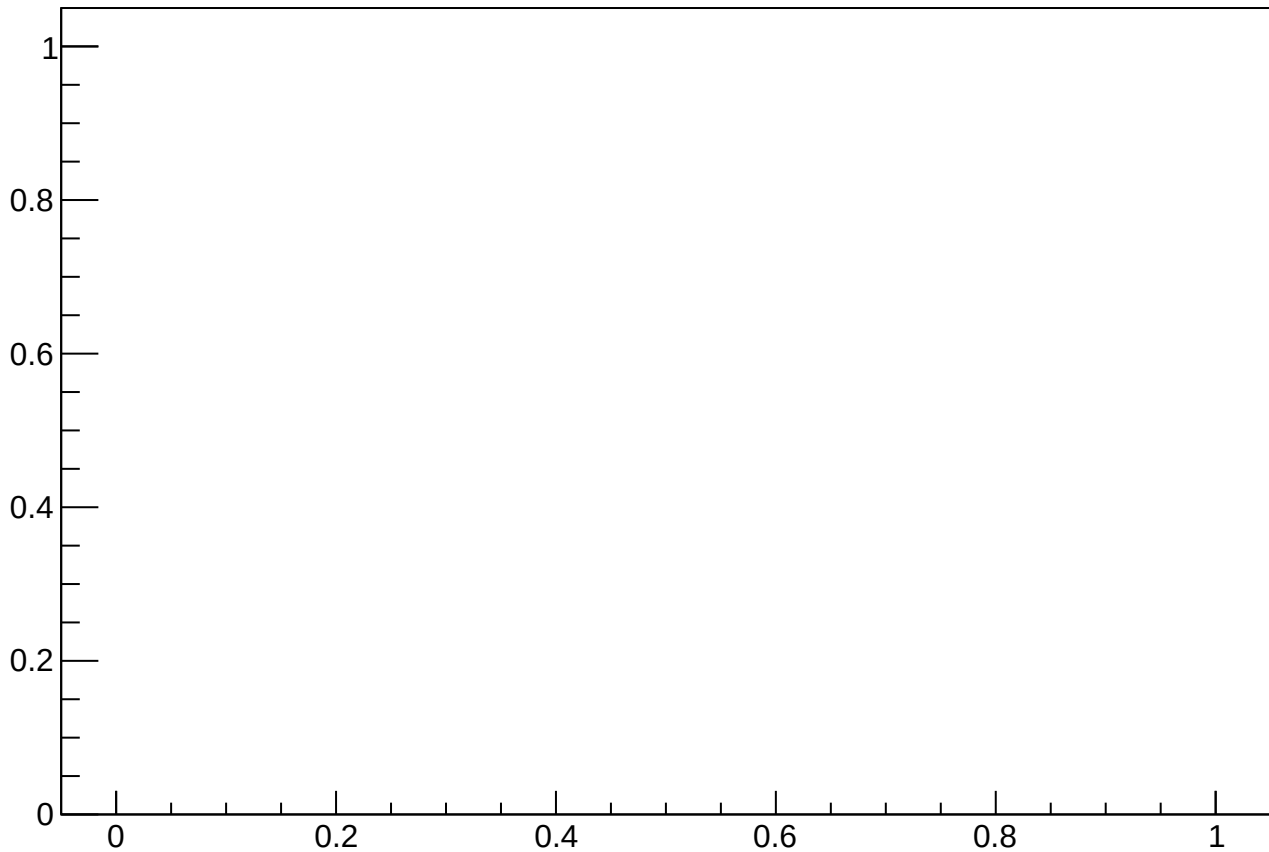
Left Out: 17.471 $\pm$ 0.005 χ^2 /NDF: 712116.8/16

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

17.598 $\pm$ 0.003 χ^2 /NDF: 8748870.8/56

bcm_dg_ds_ds3_avg_mean vs slug



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

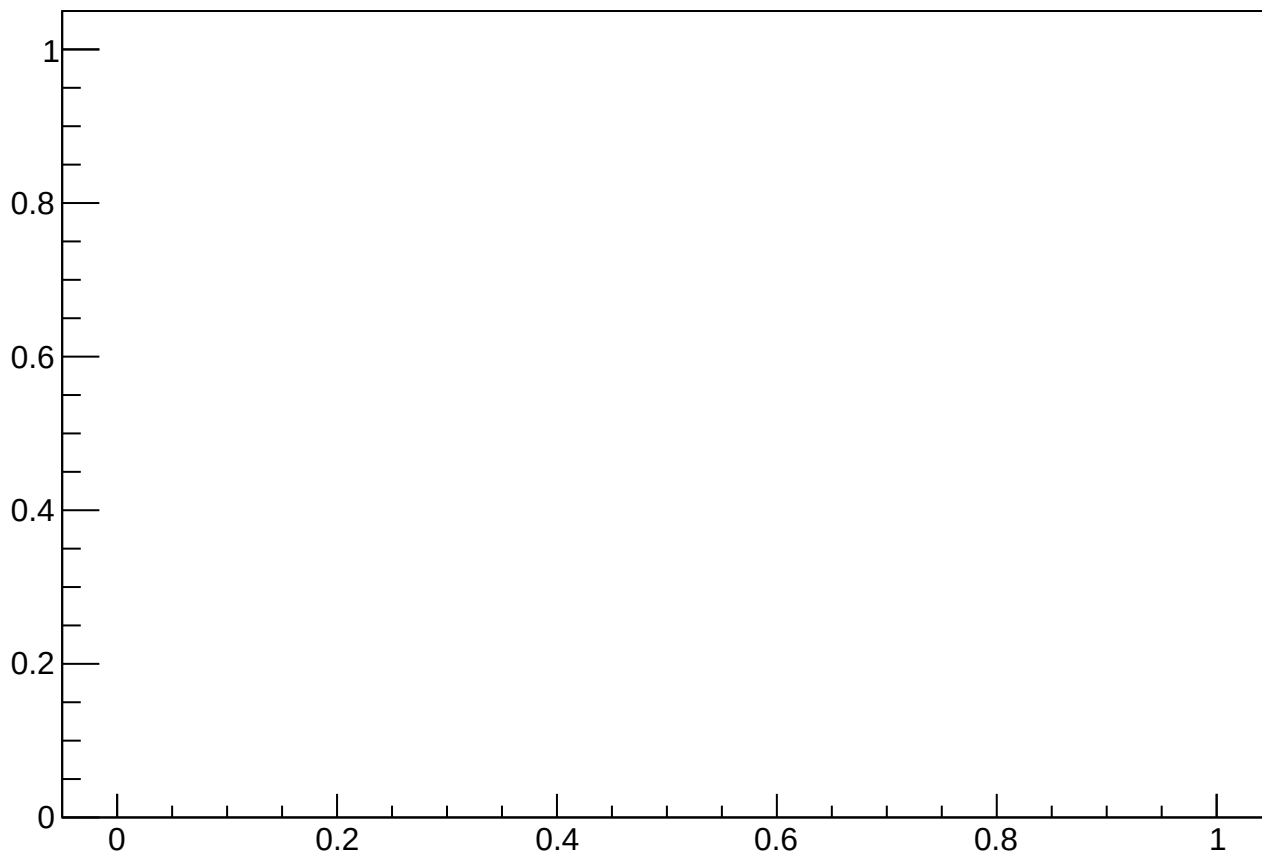
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

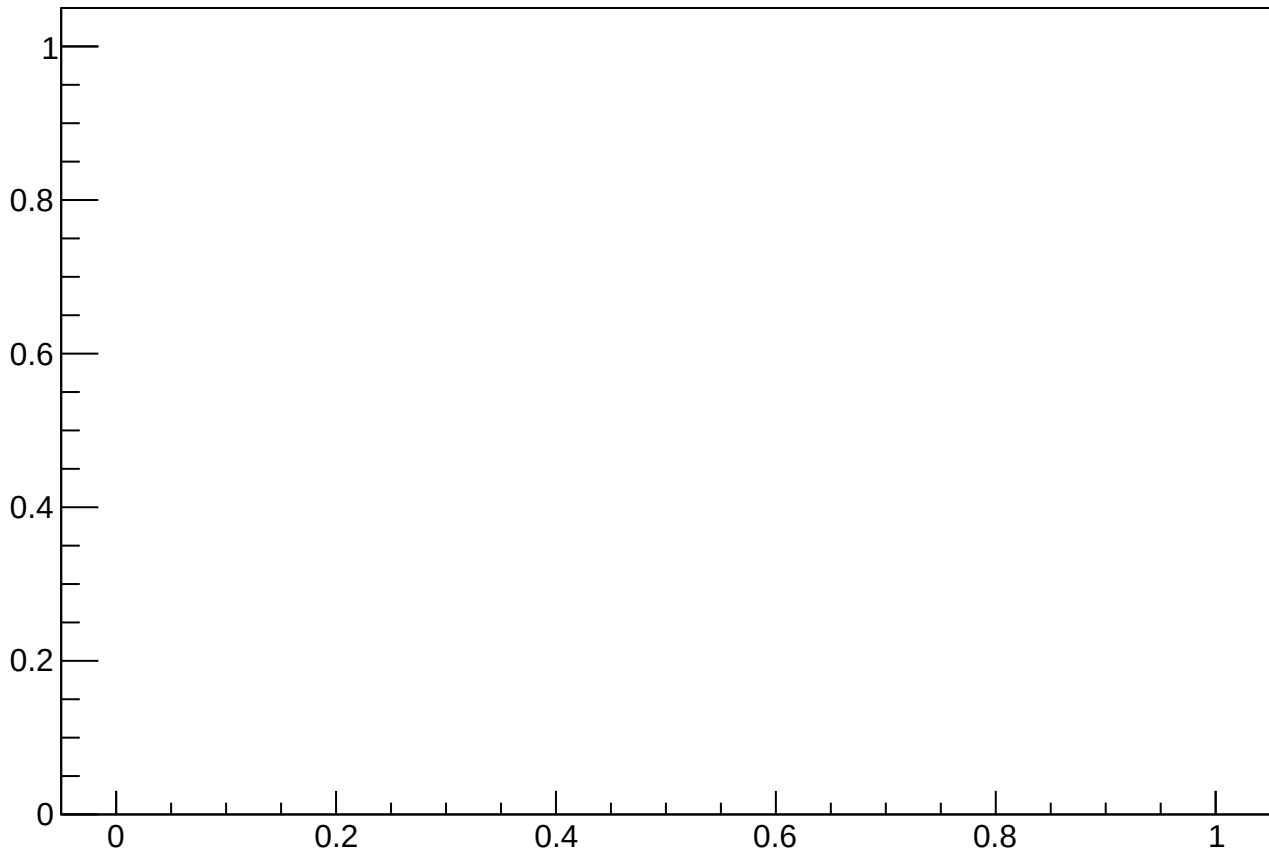
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_dg_ds_ds3_dd _mean vs slug



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

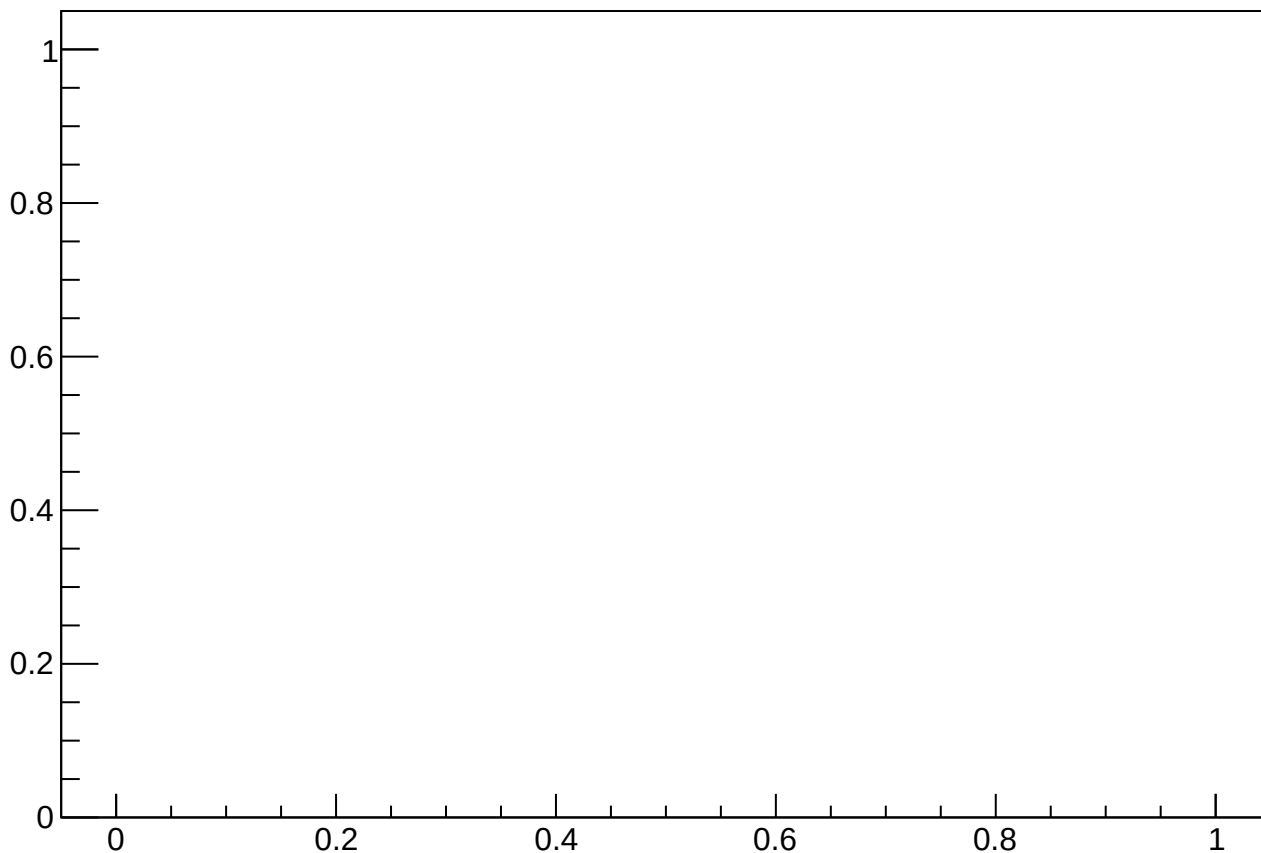
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

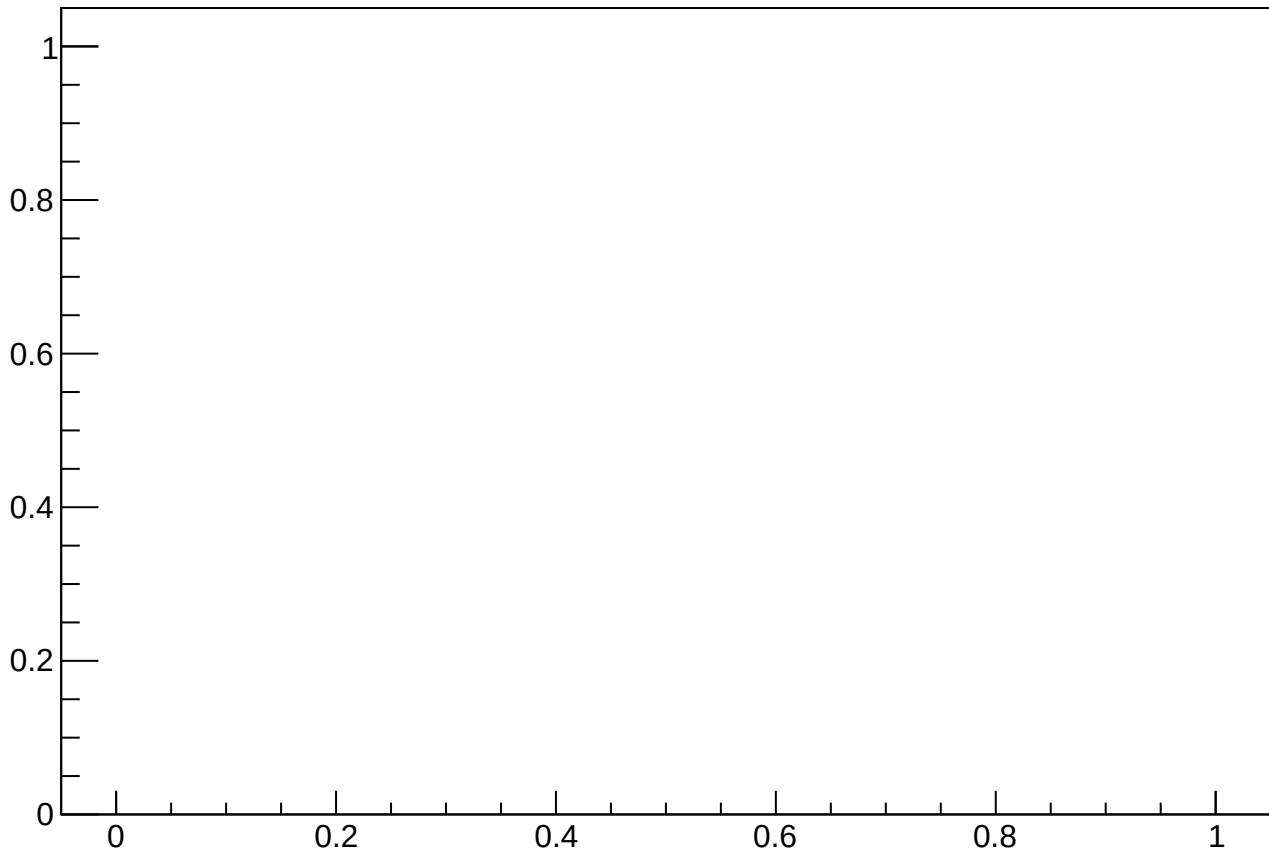
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

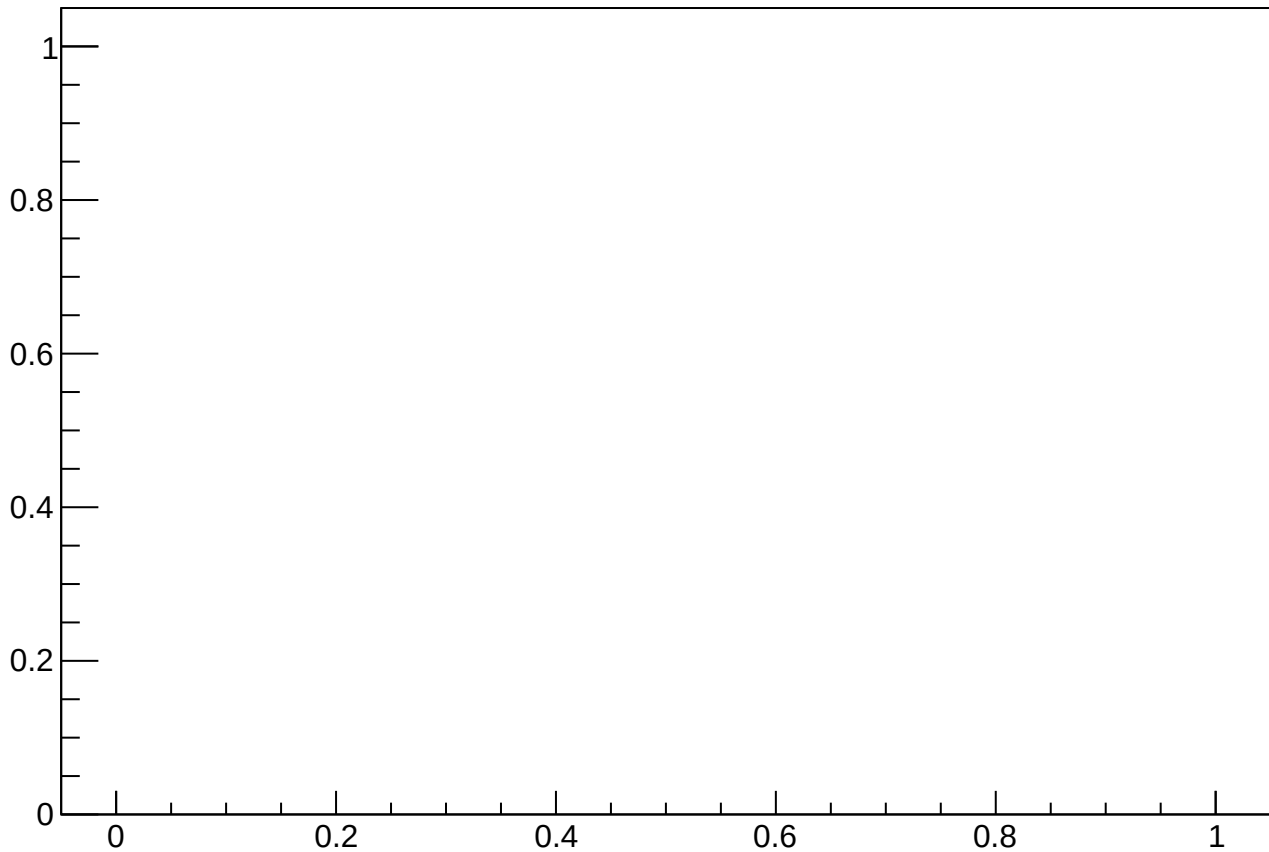
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

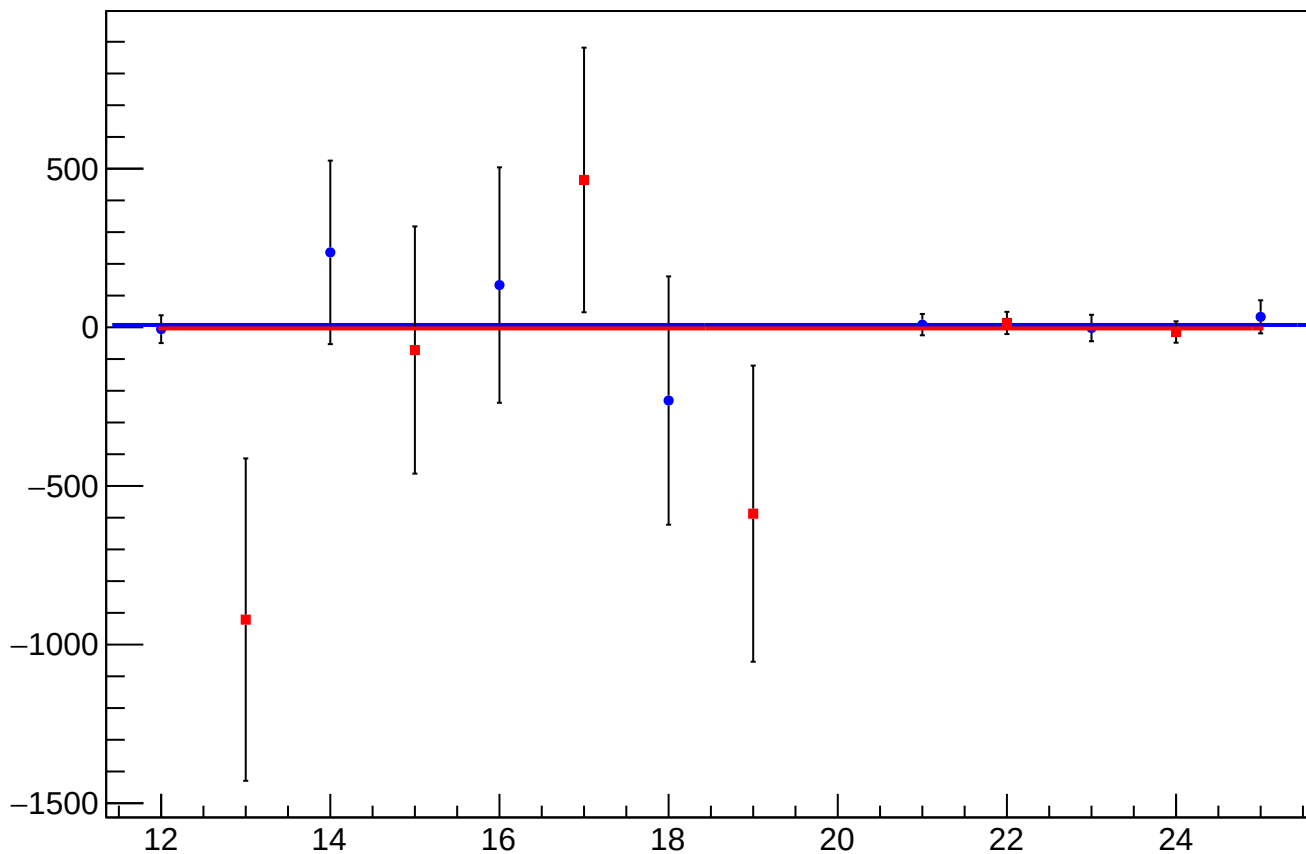
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



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

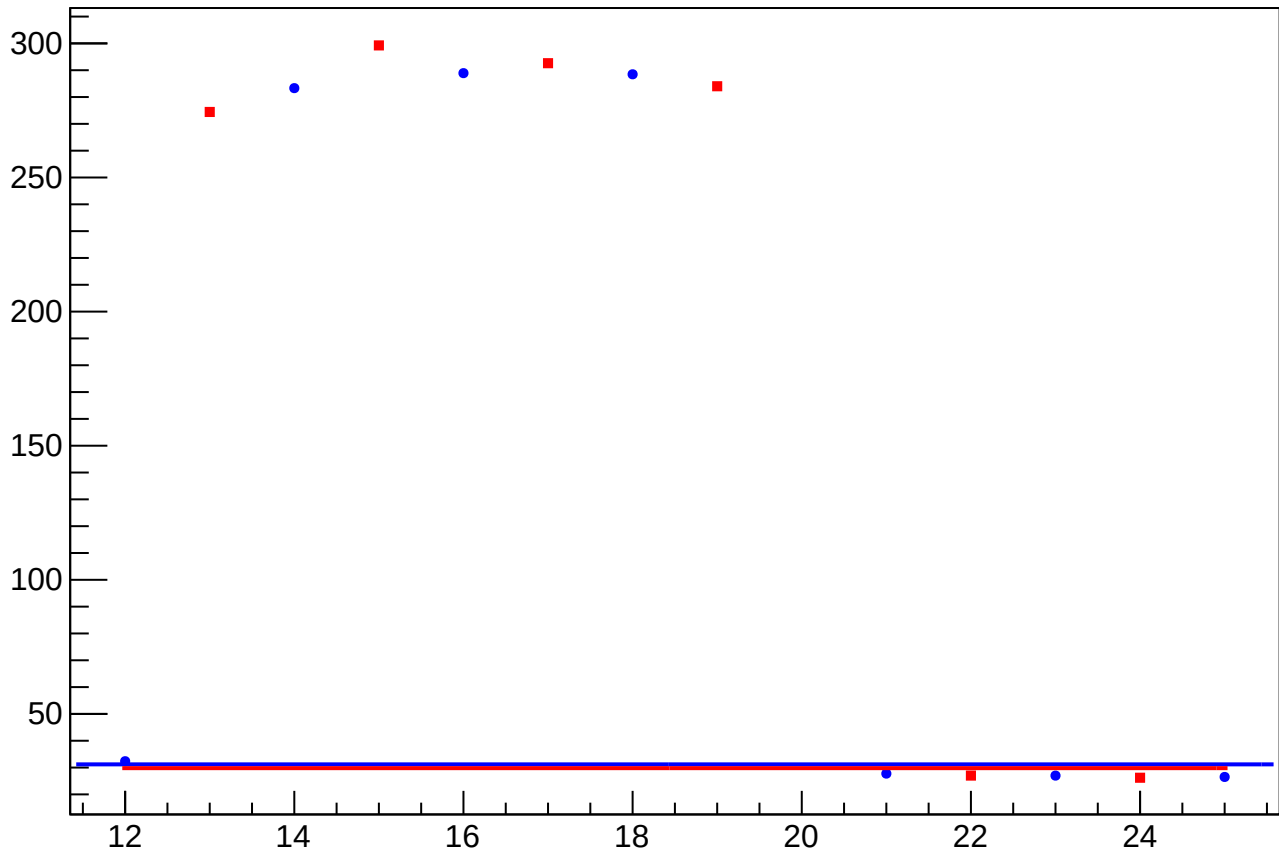
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd _rms vs slug



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

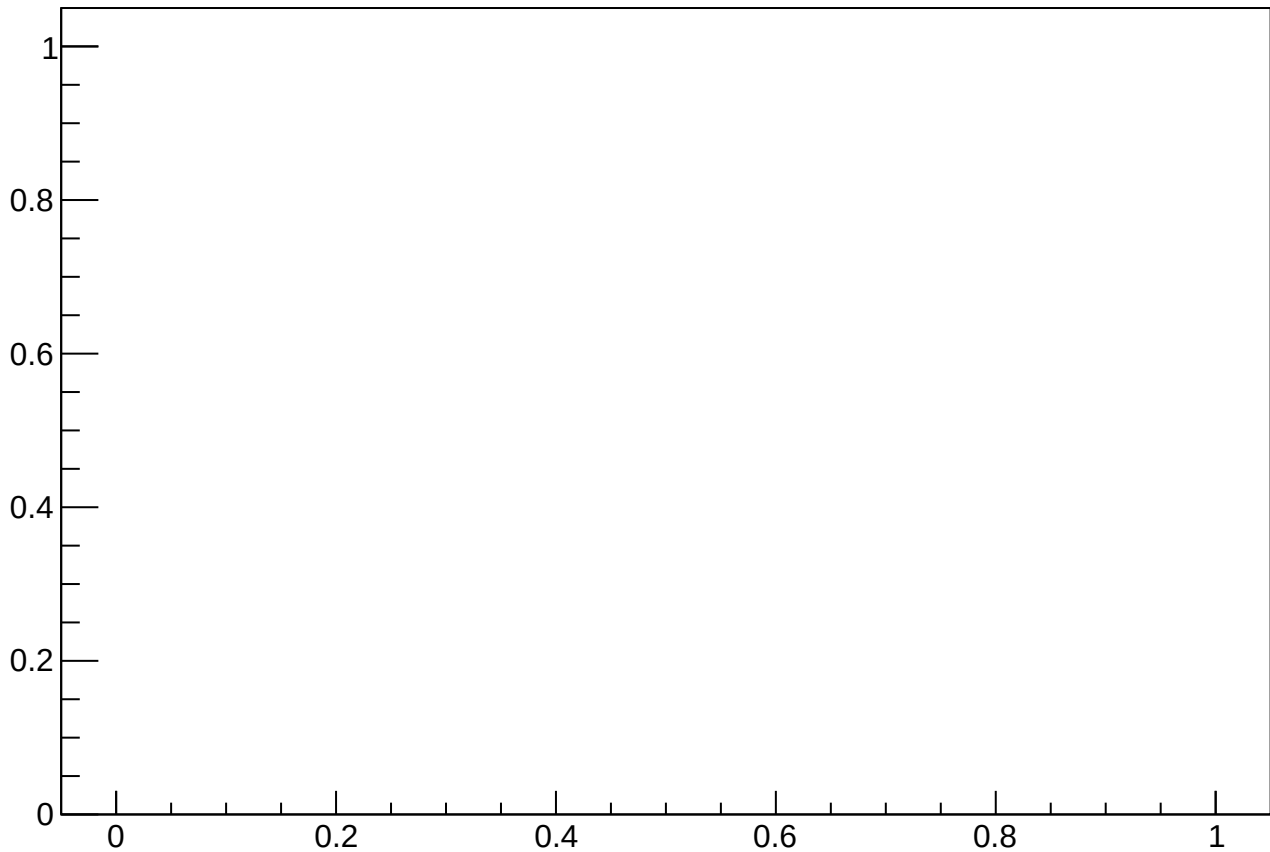
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

30.598+/-0.011 χ^2 /NDF: 6256207.0/12

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

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

bcm_cav4cQ_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

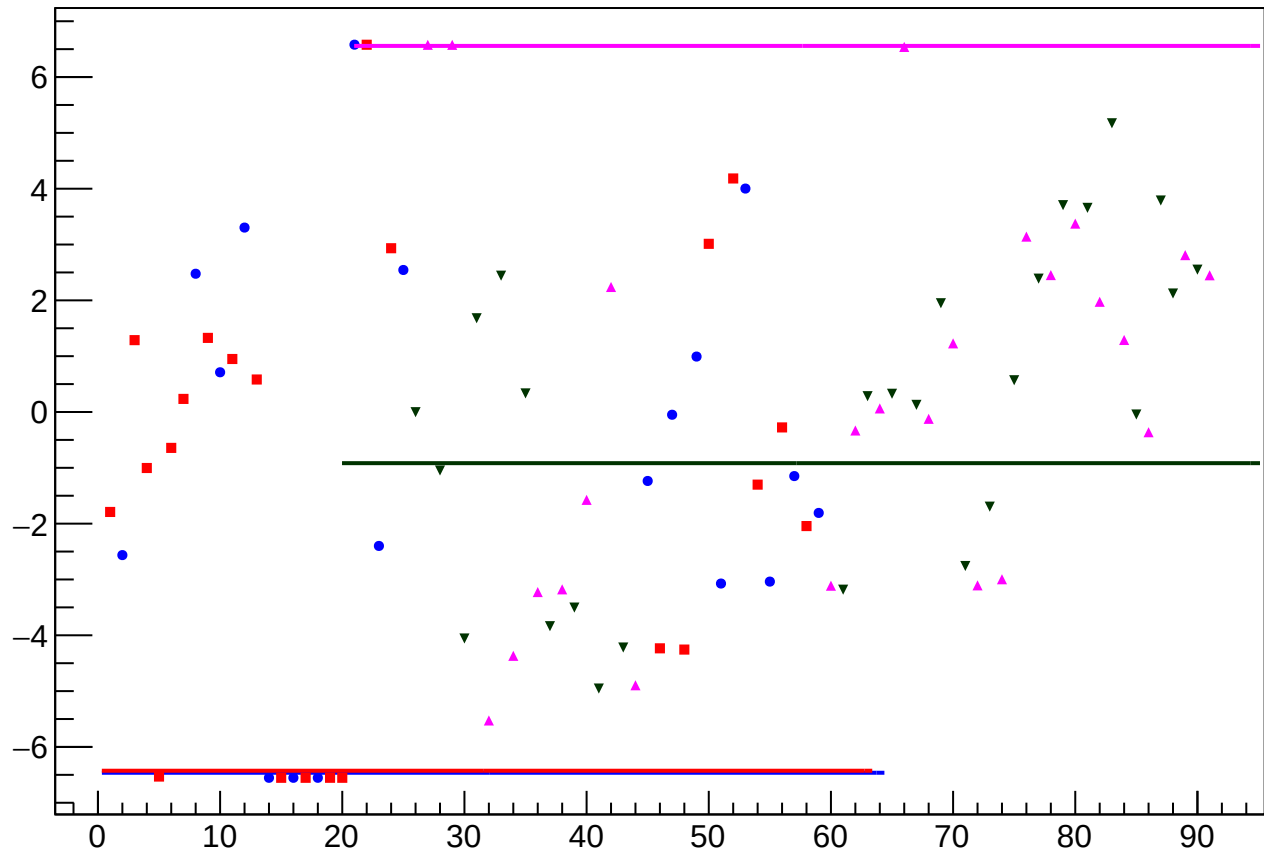
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs slug



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

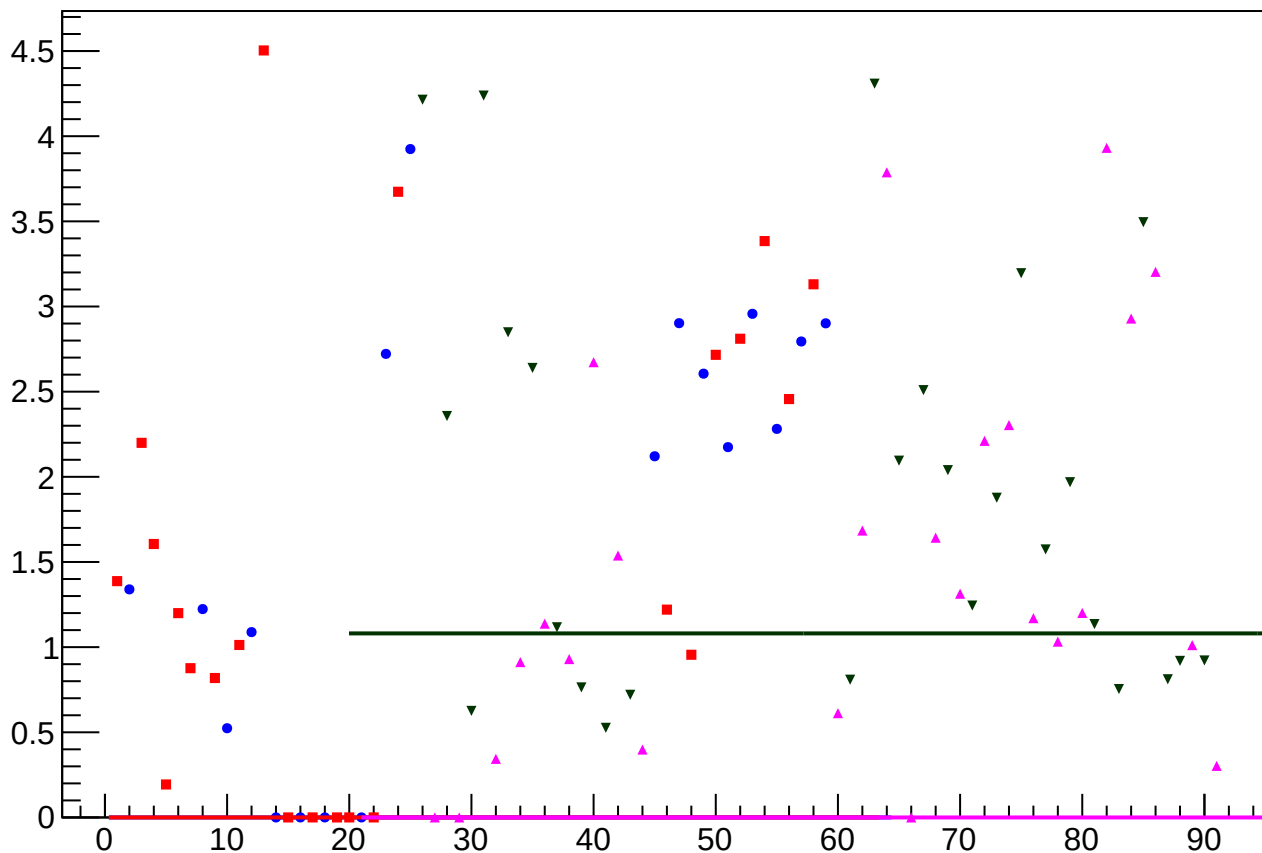
Left Out: -0.917+/-0.000 χ^2/NDF : 71683977.3/25

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

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

-6.331+/-0.000 χ^2/NDF : 577625802328687.9/9

yield_cav4bX_rms vs slug



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

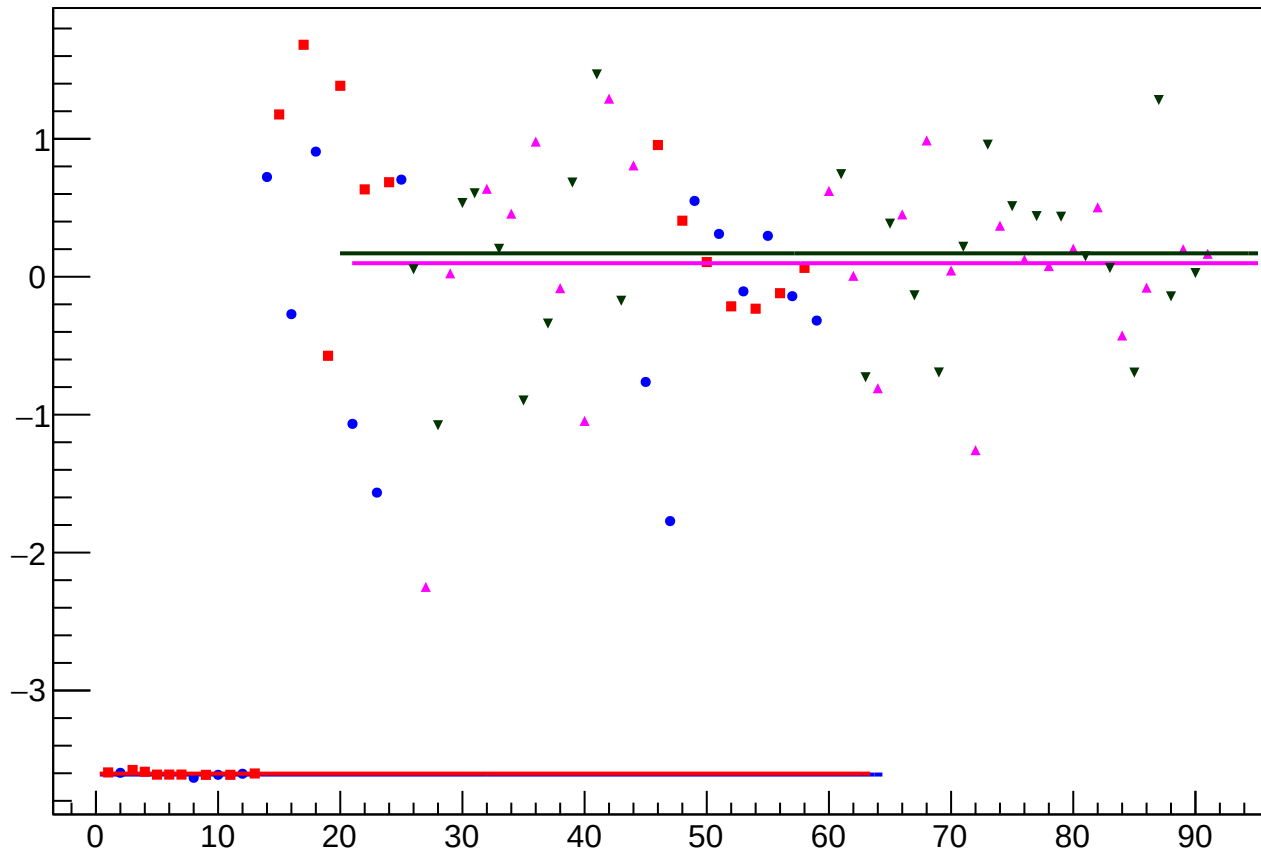
Left Out: 1.081+/-0.000 χ^2/NDF : 5468136.4/25

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 : 59111357.3/90

yield_cav4bY_mean vs slug



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

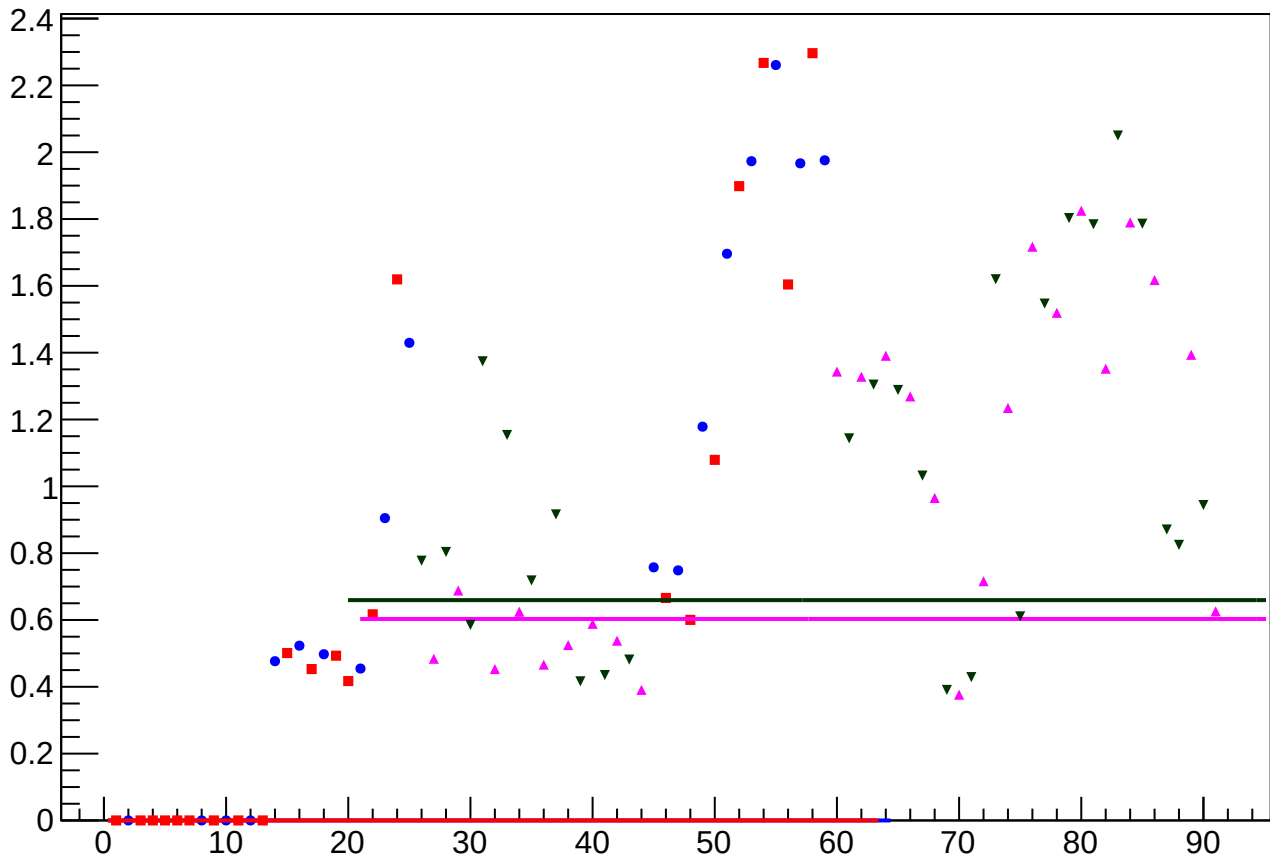
Left Out: 0.170+/-0.000 χ^2/NDF : 10602865.0/25

-3.605+/-0.000 χ^2/NDF : 236932693617.4/90

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

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

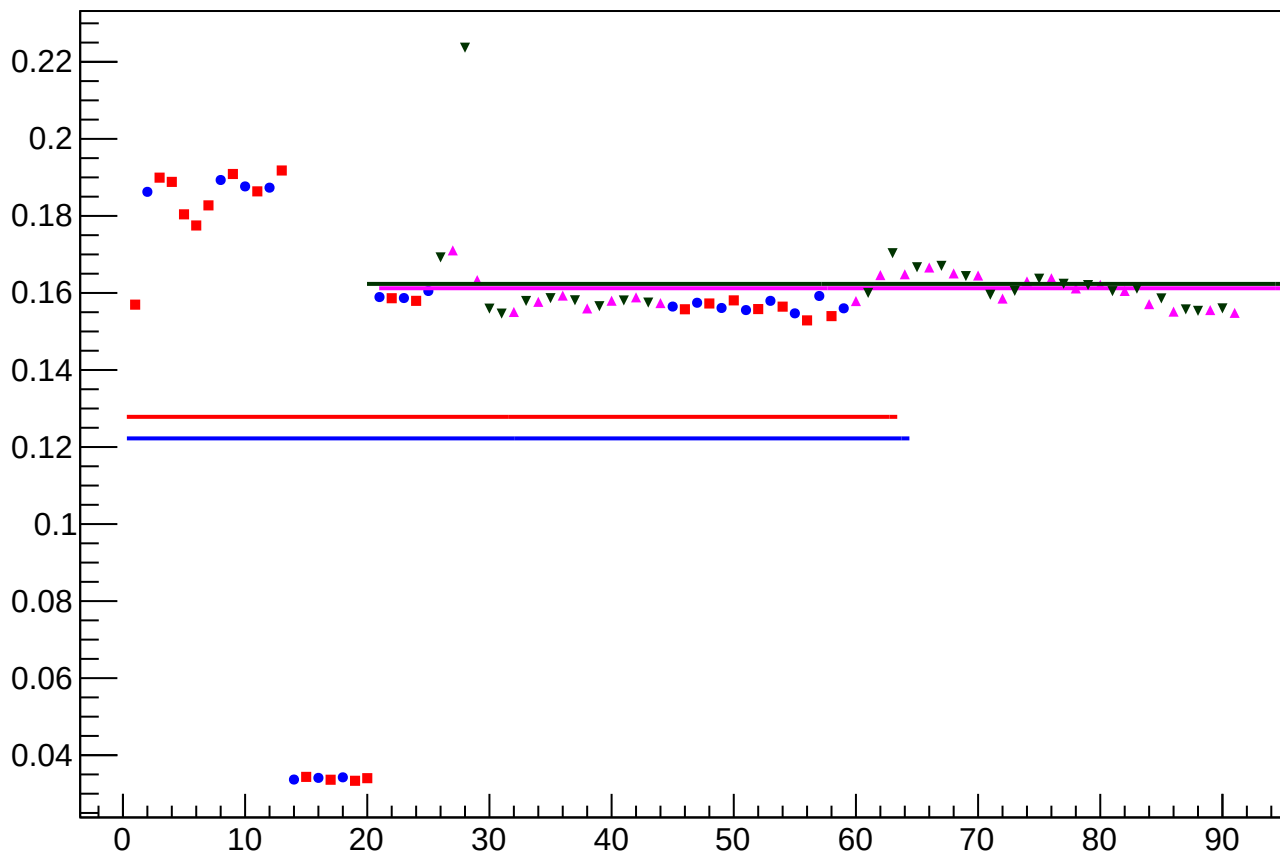
Left Out: 0.659+/-0.000 χ^2/NDF : 4681541.8/25

0.000+/-0.000 χ^2/NDF : 67692866.6/90

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

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

yield_cav4cX_mean vs slug



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

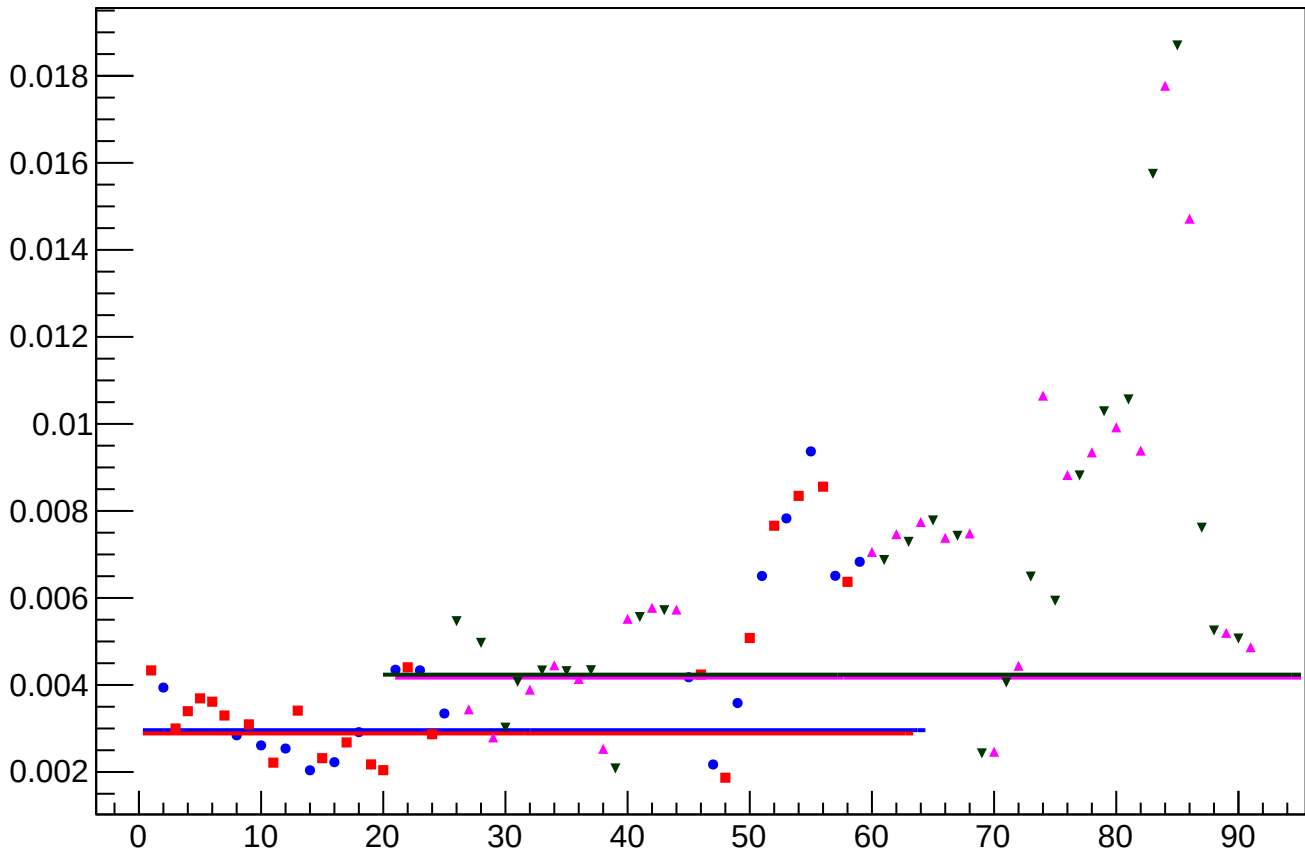
Left Out: 0.162+/-0.000 χ^2/NDF : 105015039.0/25

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

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

0.138+/-0.000 χ^2/NDF : 10562461999.9/90

yield_cav4cX_rms vs slug



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

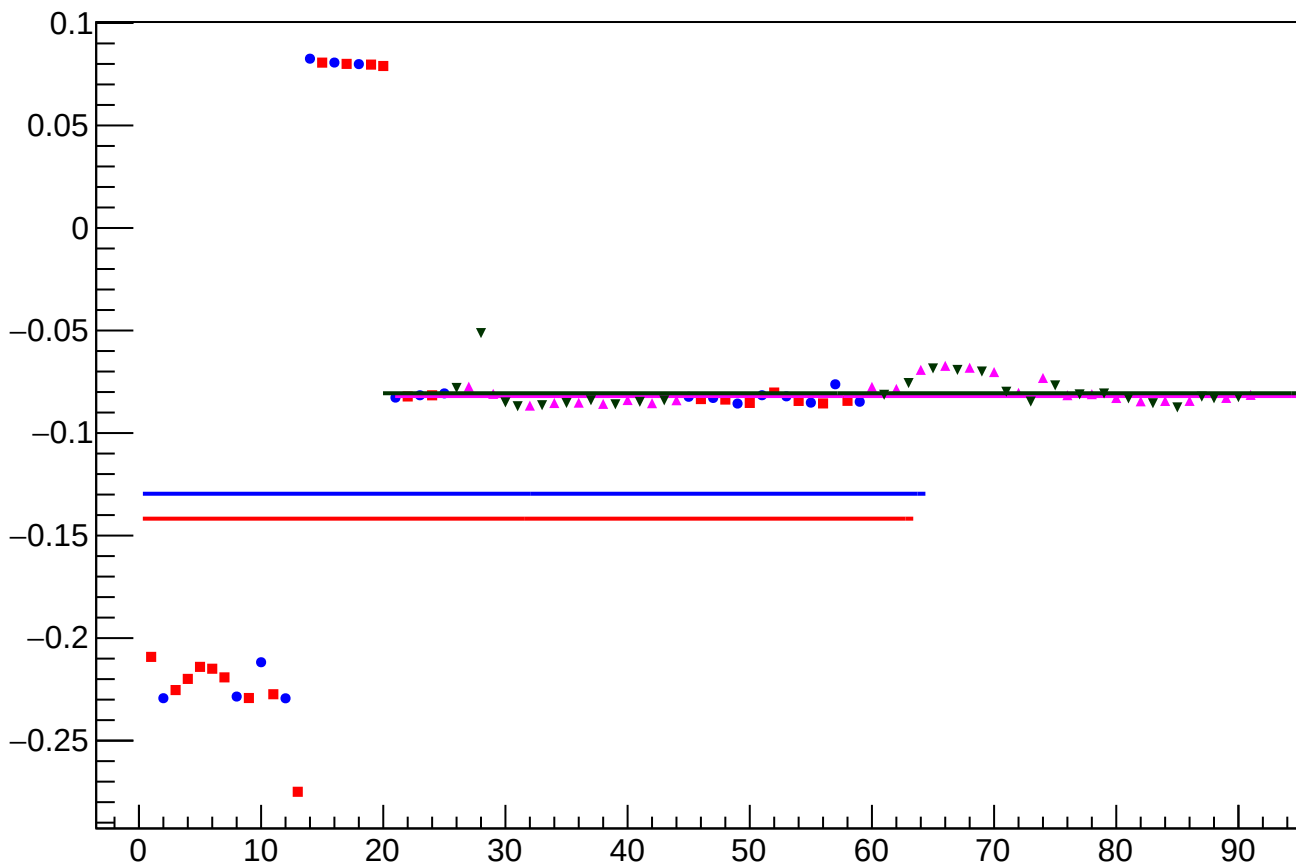
Left Out: 0.004+/-0.000 χ^2/NDF :4835870.2/25

0.003+/-0.000 χ^2/NDF : 18309567.5/90

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

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

yield_cav4cY_mean vs slug



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

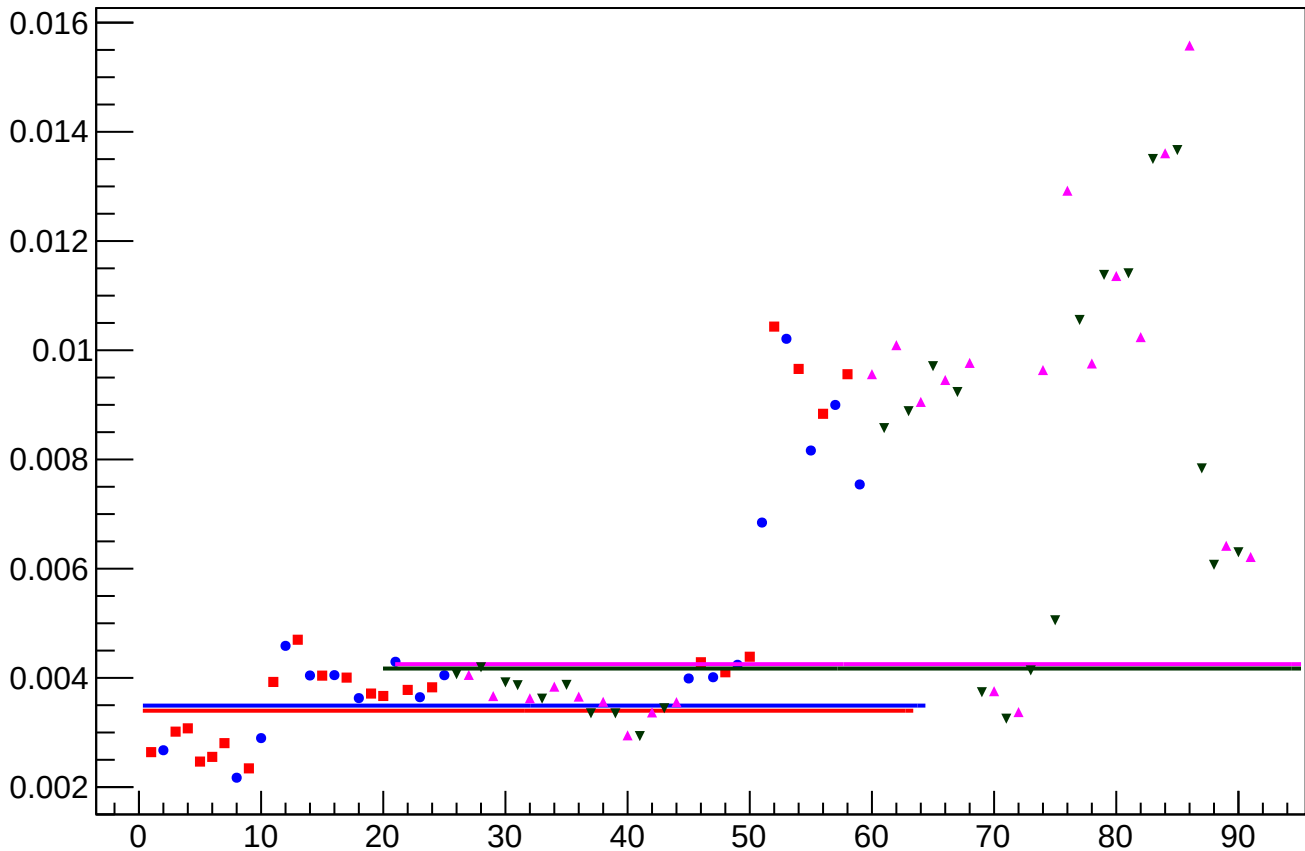
Left Out: -0.081 ± 0.000 χ^2/NDF : 42620420.4/25

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

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

-0.112 ± 0.000 χ^2/NDF : 21576912710.8/90

yield_cav4cY_rms vs slug



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

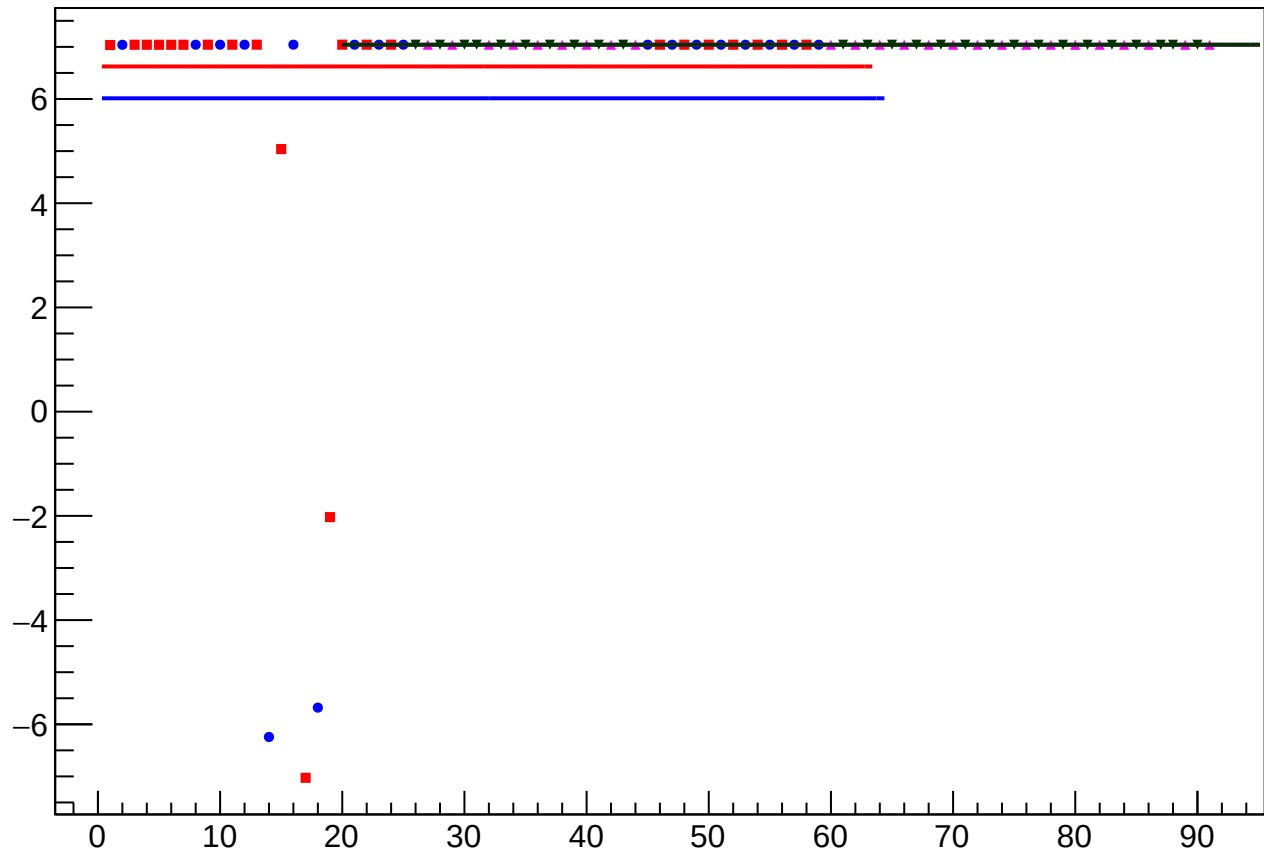
Left Out: 0.004+/-0.000 χ^2/NDF : 3750950.6/25

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 : 14246713.1/90

yield_cav4dX_mean vs slug



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

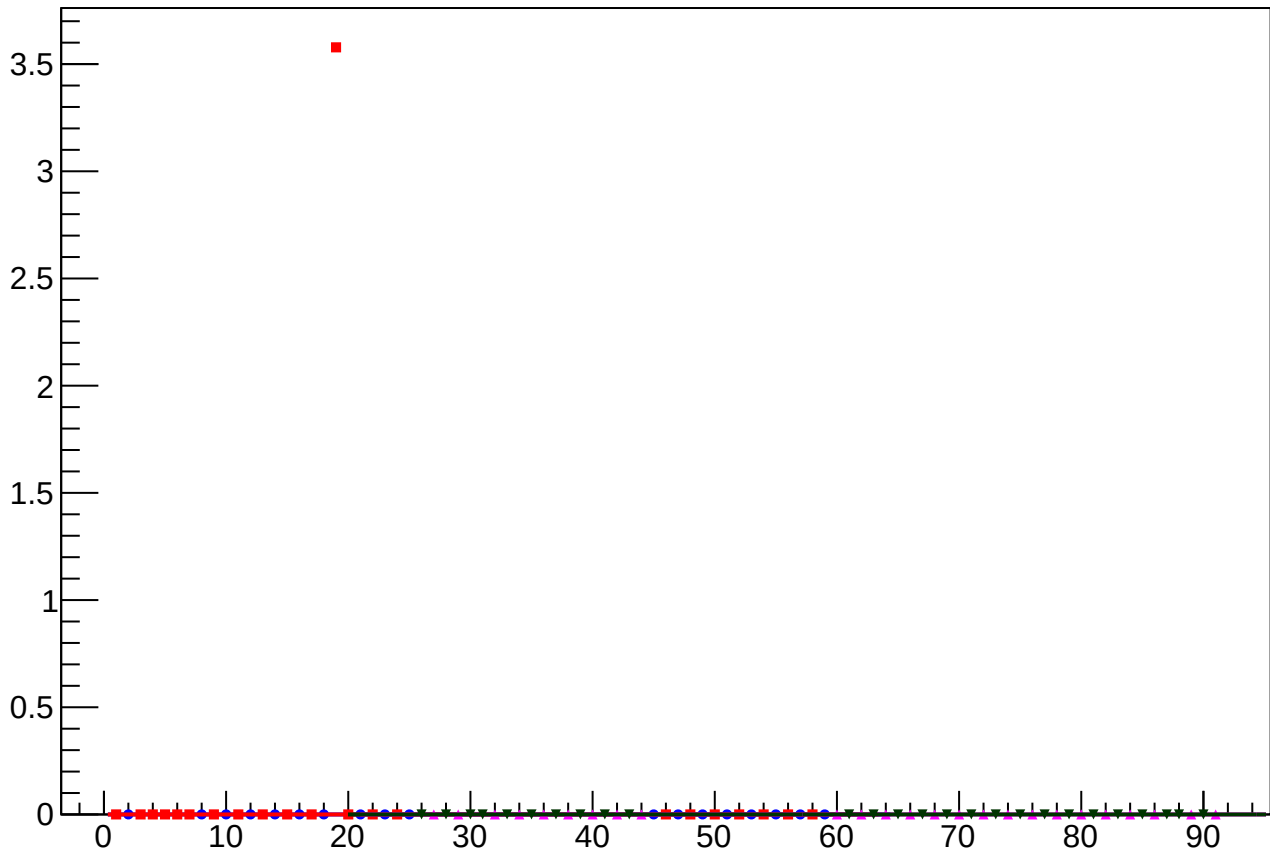
Left Out: 7.042+/-0.000 χ^2/NDF : 53010453.3/25

6.716+/-0.000 χ^2/NDF : 6834039774891237.0/9

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

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

yield_cav4dX_rms vs slug



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

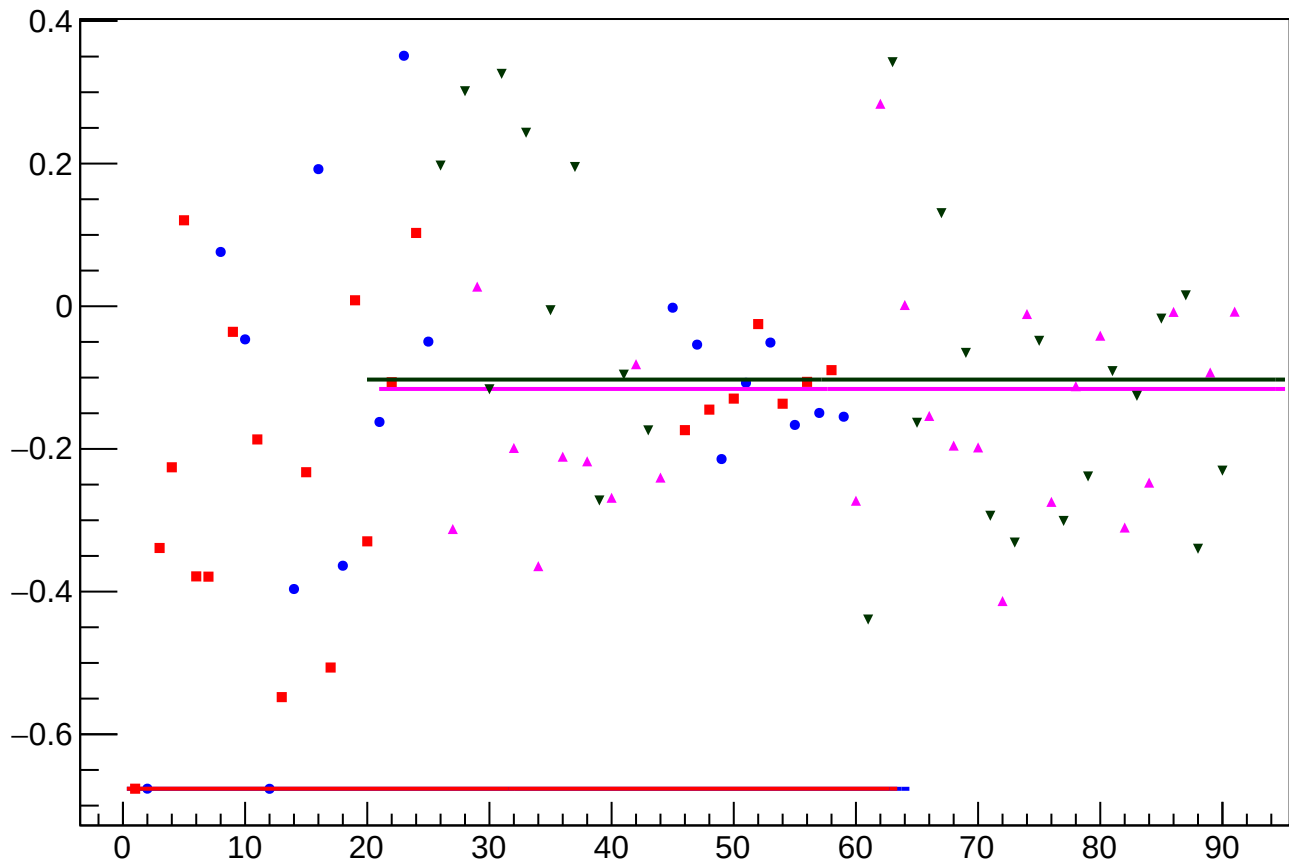
Left Out: 0.000+/-0.000 χ^2/NDF : 7990.2/25

0.000+/-0.000 χ^2/NDF : 723694.6/90

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

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

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 $\chi^2/\text{NDF}: 257249932.2/17$

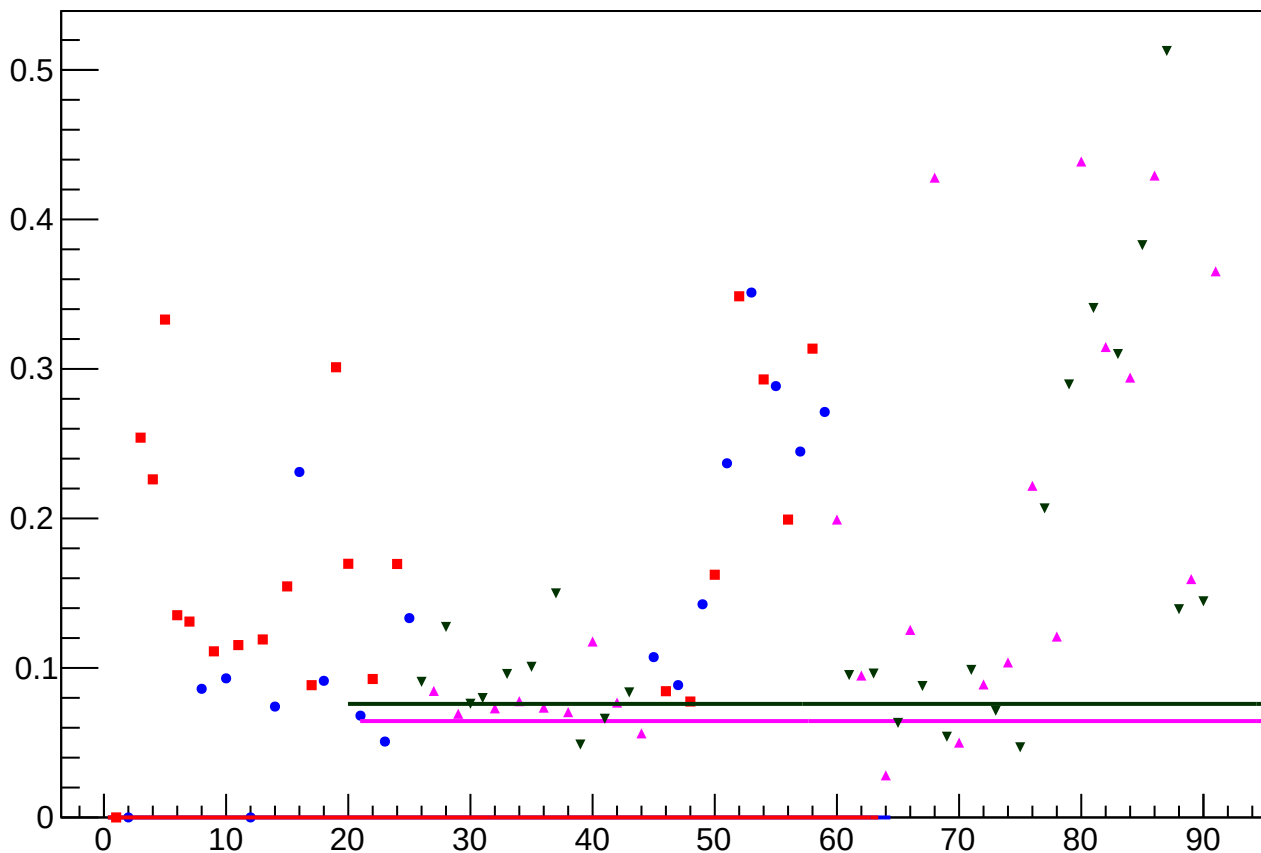
Left Out: -0.103 ± 0.000 $\chi^2/\text{NDF}: 39891021.0/25$

-0.676 ± 0.000 $\chi^2/\text{NDF}: 1312825493.3/90$

Right Out: -0.676 ± 0.000 $\chi^2/\text{NDF}: 102777211.9/21$

Left In: -0.116 ± 0.000 $\chi^2/\text{NDF}: 30124115.2/24$

yield_cav4dY_rms vs slug



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

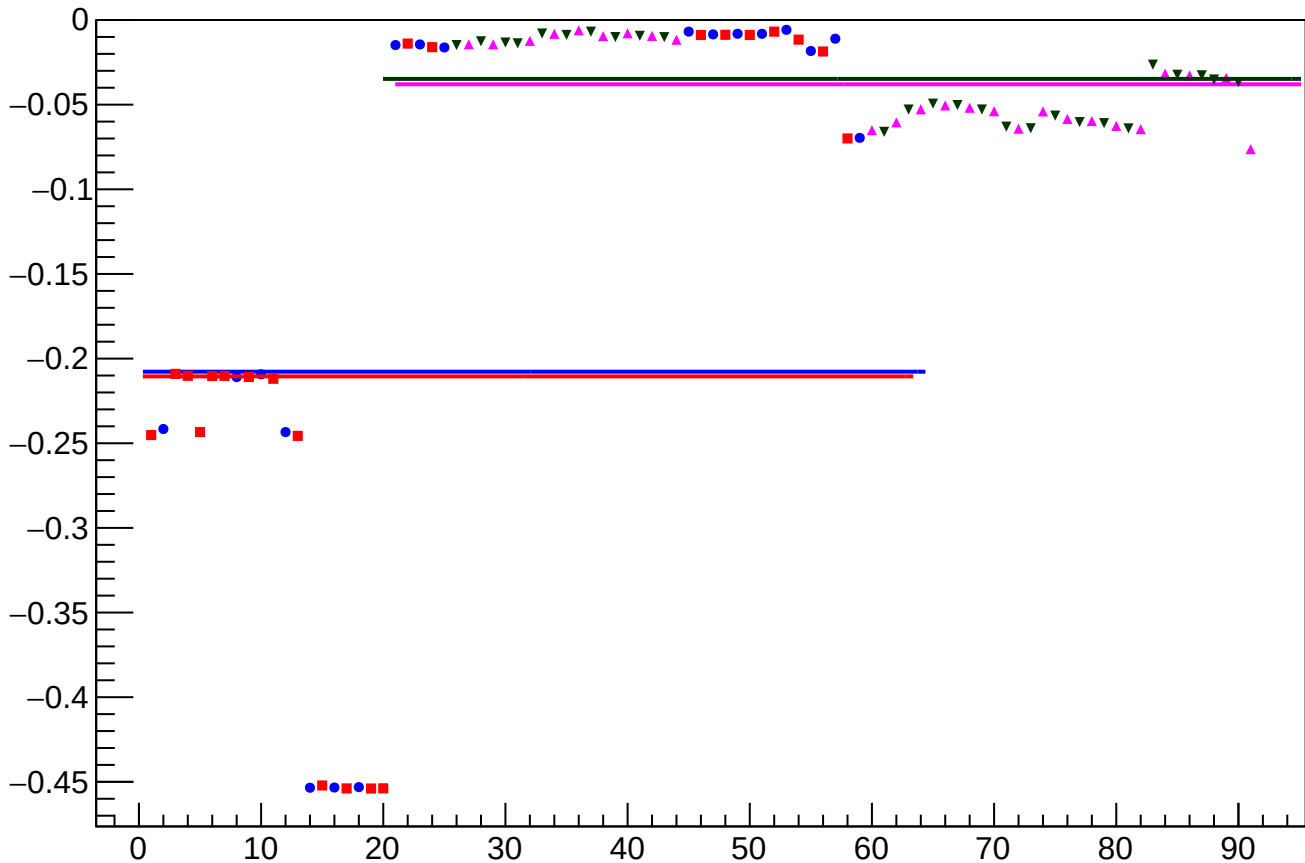
Left Out: 0.076+/-0.000 χ^2/NDF : 4173328.6/25

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 : 68246980.0/90

yield_bpm4aX_mean vs slug



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

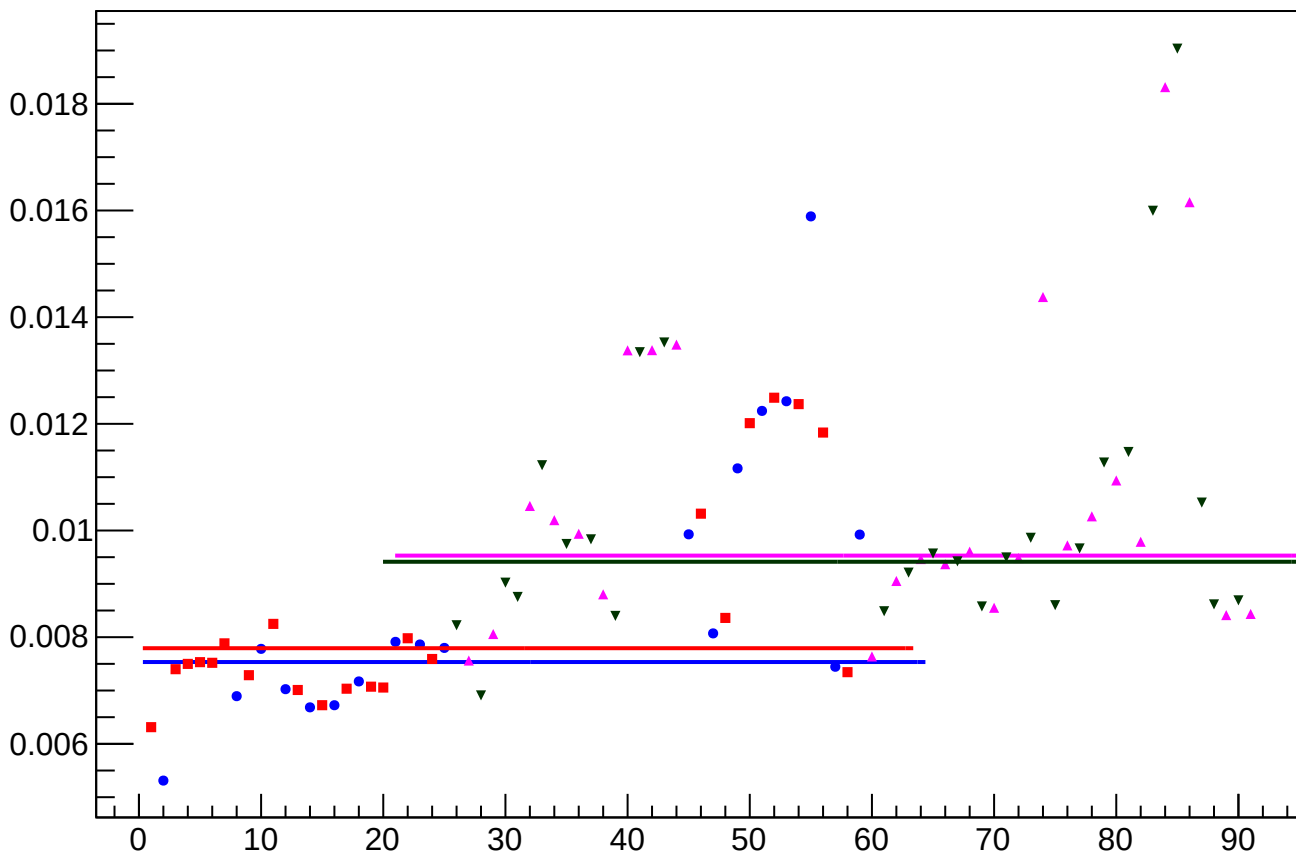
Left Out: -0.035+/-0.000 χ^2/NDF : 67642883.8/25

-0.132+/-0.000 χ^2/NDF : 14100866605.7/90

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

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

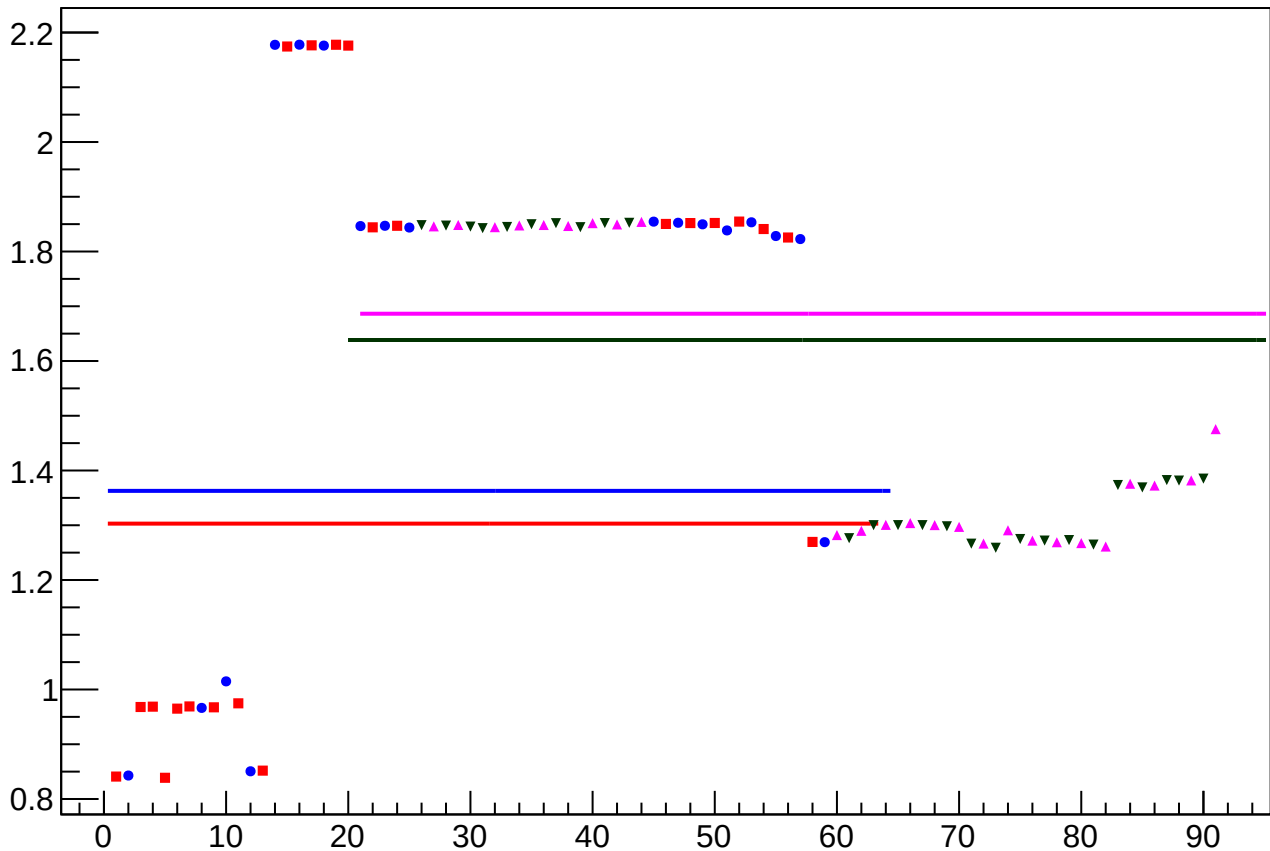
Left Out: 0.009+/-0.000 χ^2/NDF : 969110.3/25

0.008+/-0.000 χ^2/NDF : 5159563.8/90

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

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

yield_bpm4aY_mean vs slug



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

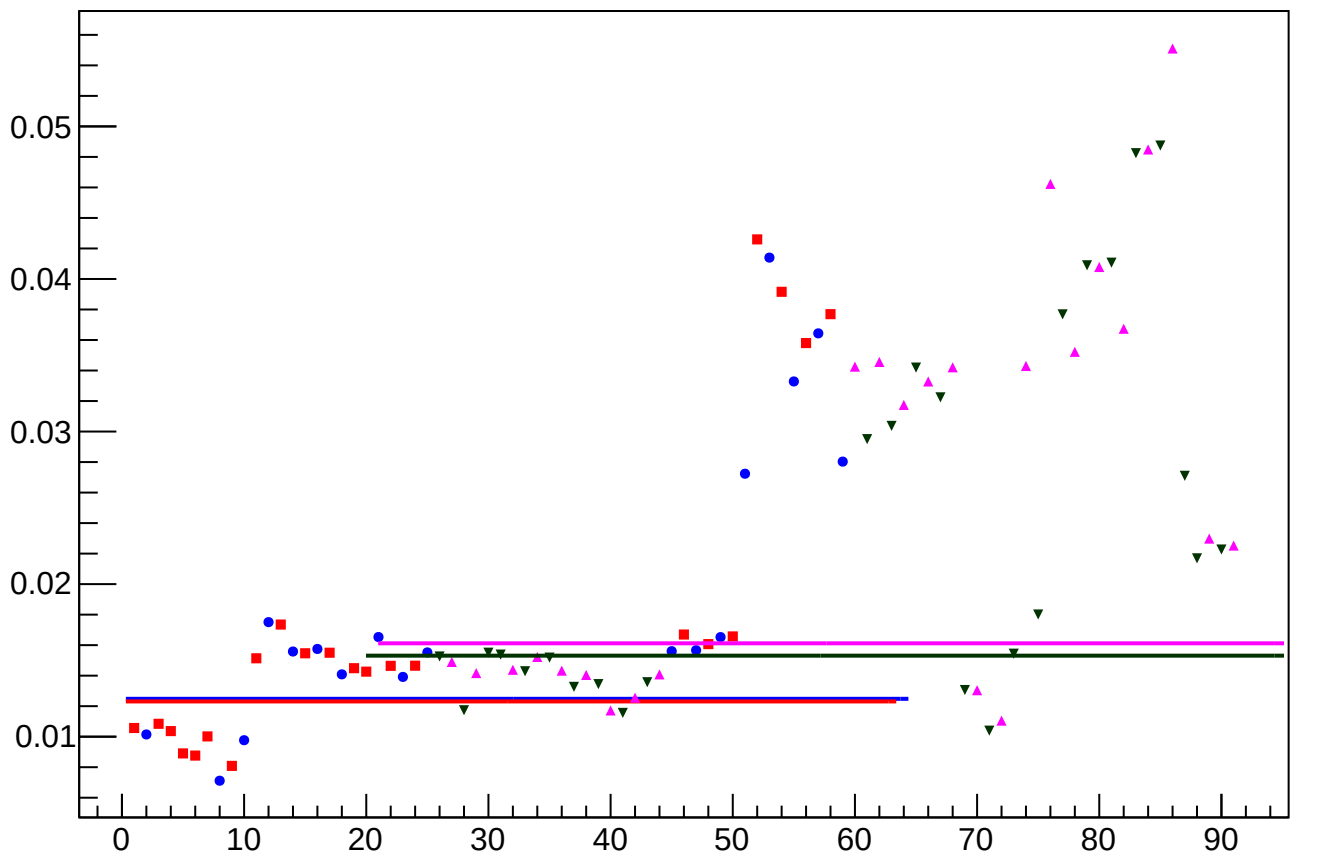
Left Out: 1.638+/-0.000 χ^2/NDF : 3155652198.8/25

1.472+/-0.000 χ^2/NDF : 40633891910.2/90

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

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

yield_bpm4aY_rms vs slug



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

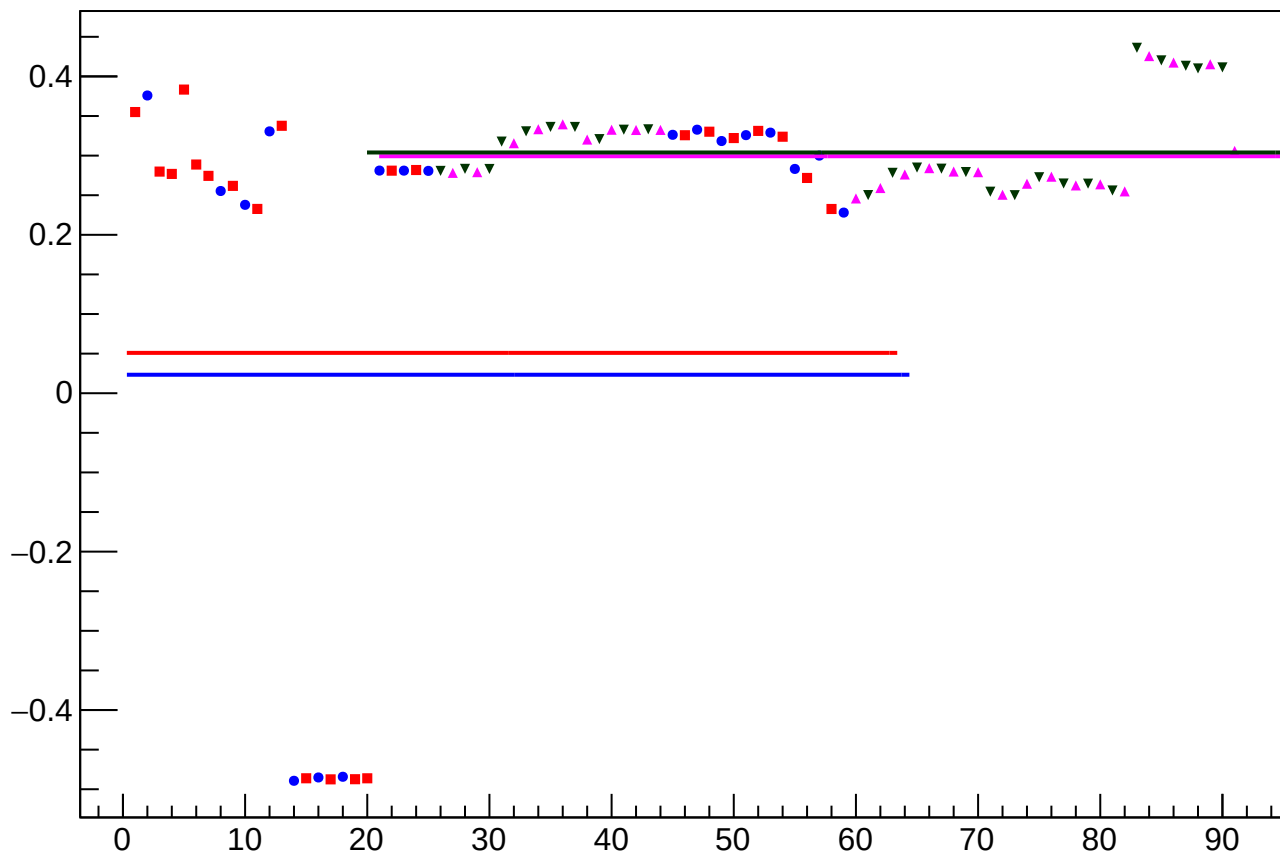
Left Out: 0.015+/-0.000 χ^2/NDF : 3640429.6/25

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 : 15382406.8/90

yield_bpm4eX_mean vs slug



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

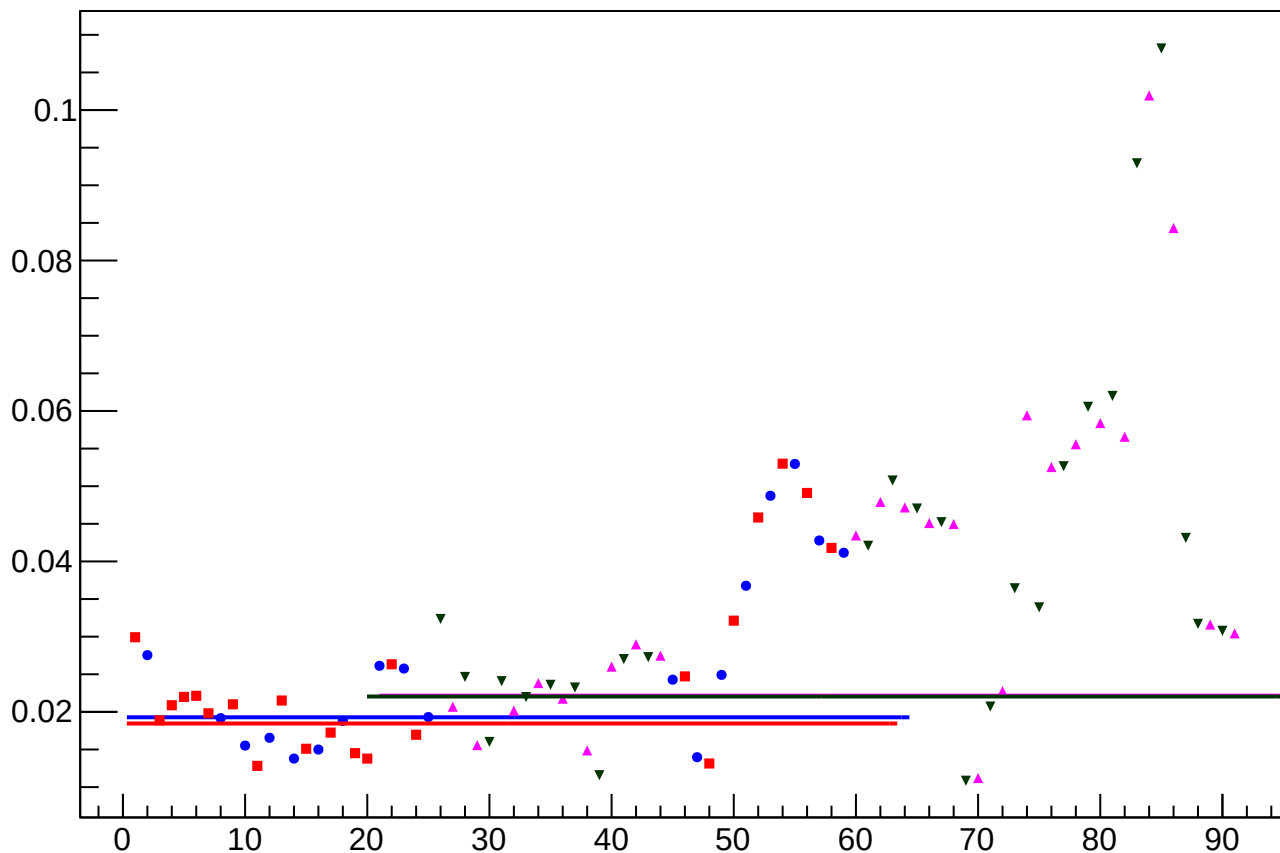
Left Out: 0.304+/-0.000 χ^2/NDF : 26985077.5/25

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

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

0.153+/-0.000 χ^2/NDF : 8366397889.6/90

yield_bpm4eX_rms vs slug



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

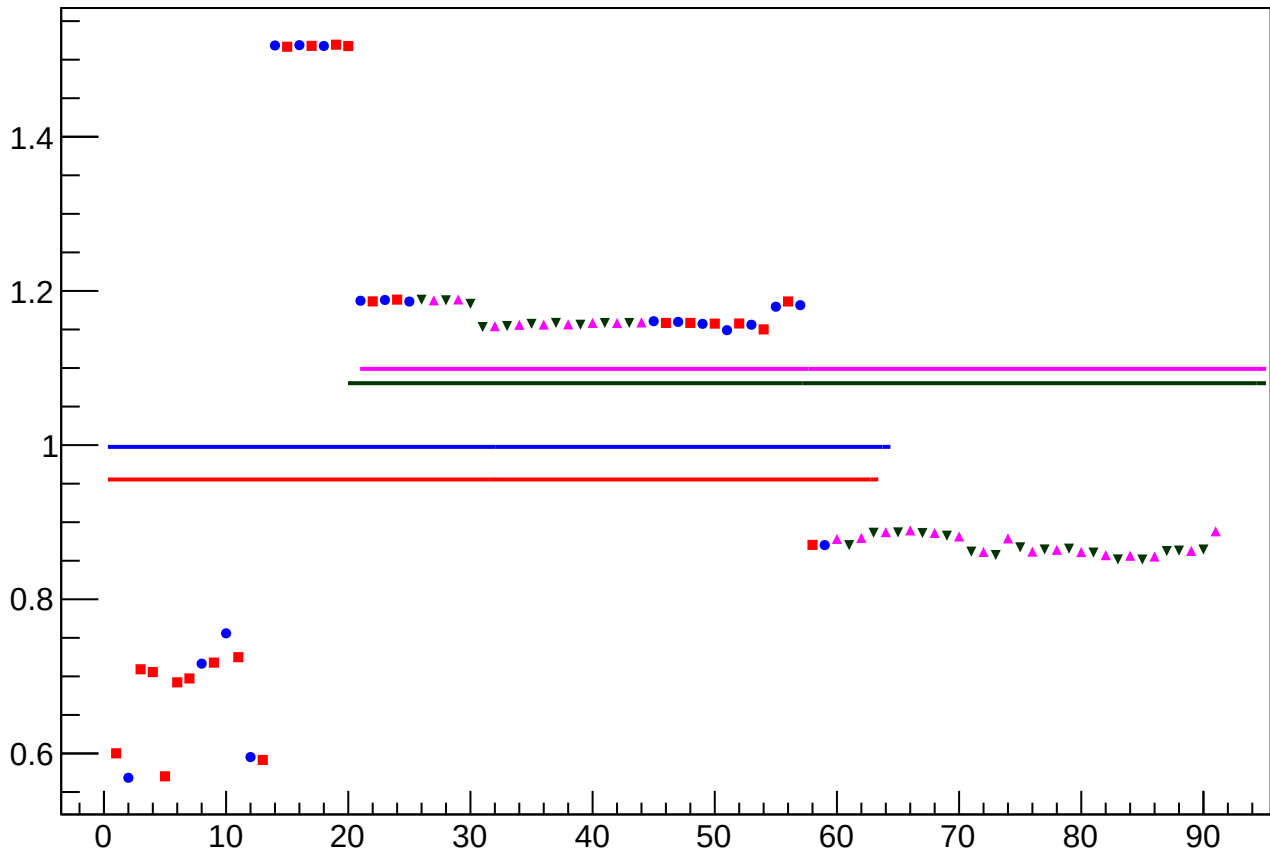
Left Out: 0.022+/-0.000 χ^2/NDF : 5763168.1/25

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 : 17628878.5/90

yield_bpm4eY_mean vs slug



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

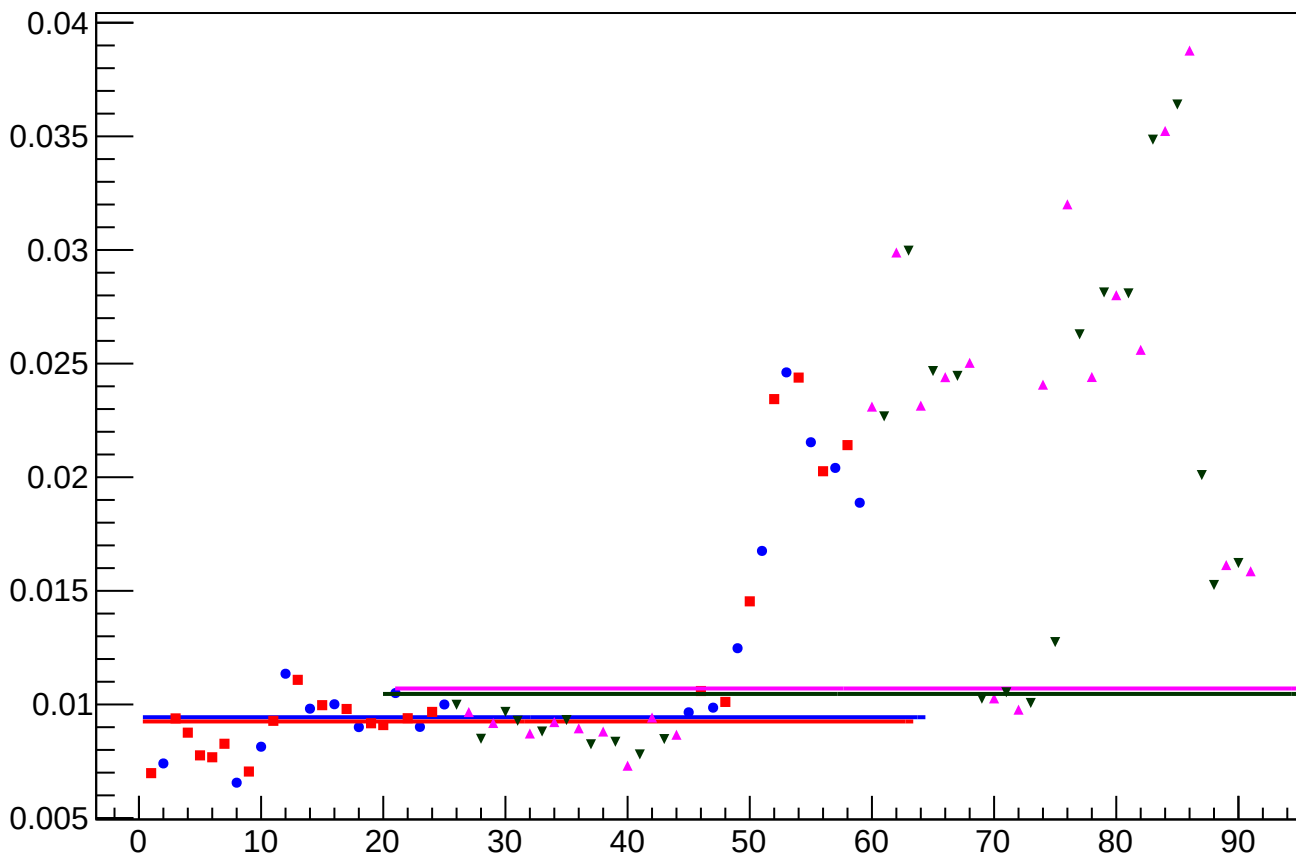
Left Out: 1.080+/-0.000 χ^2/NDF : 1661284842.5/25

1.028+/-0.000 χ^2/NDF : 29406194896.0/90

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

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

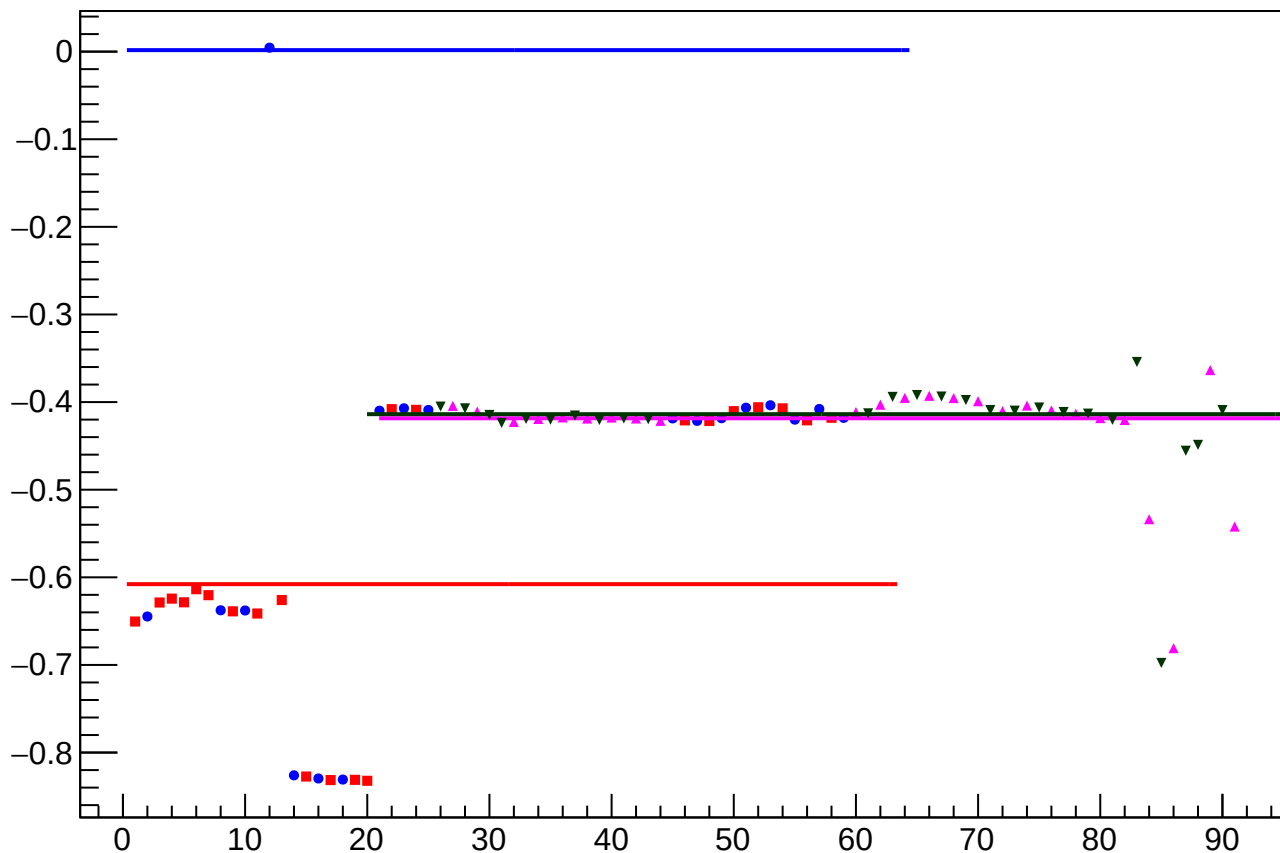
Left Out: 0.010+/-0.000 χ^2/NDF : 3920200.7/25

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 : 12732545.4/90

yield_bpm4acX_mean vs slug



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

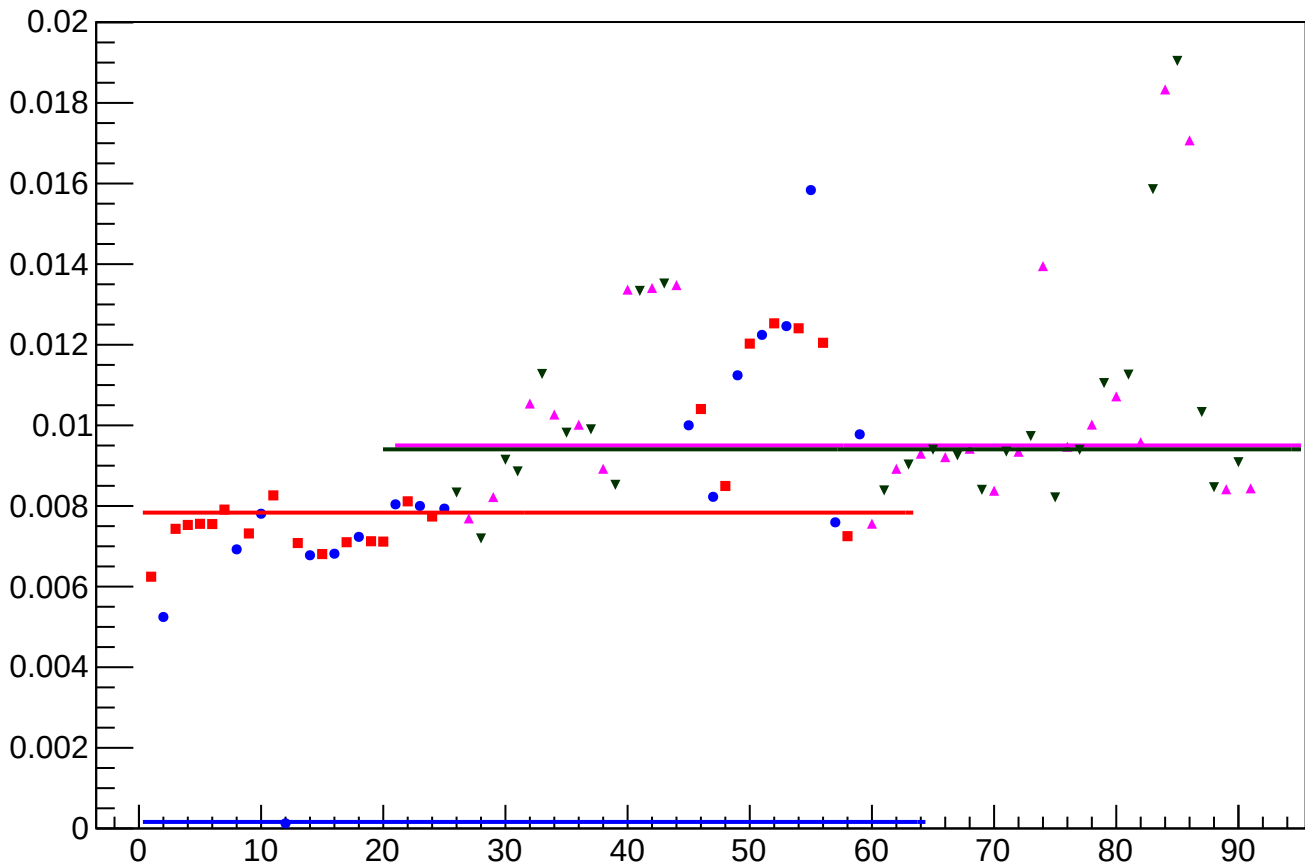
Left Out: -0.414 $\pm$ 0.000 χ^2 /NDF: 149186099.2/25

Right Out: -0.608 $\pm$ 0.000 χ^2 /NDF: 3865347311.2/21

Left In: -0.418 $\pm$ 0.000 χ^2 /NDF: 284200769.1/24

-0.004 $\pm$ 0.000 χ^2 /NDF: 179945579760.7/90

yield_bpm4acX_rms vs slug



Right In: 0.000 ± 0.000 χ^2/NDF : 20399437.6/17

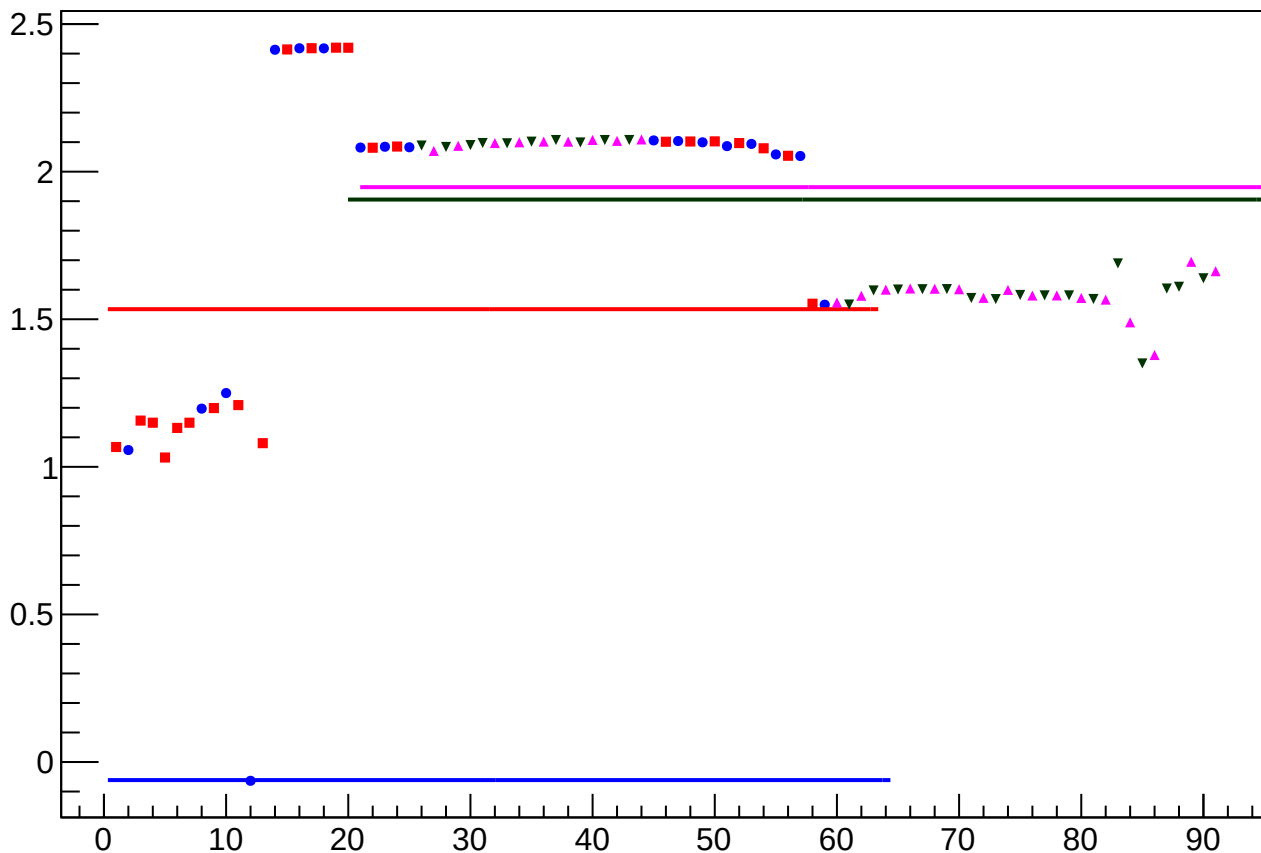
Left Out: 0.009 ± 0.000 χ^2/NDF : 915941.0/25

0.000 ± 0.000 χ^2/NDF : 89973298.1/90

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

Left In: 0.010 ± 0.000 χ^2/NDF : 1105269.0/24

yield_bpm4acY_mean vs slug



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

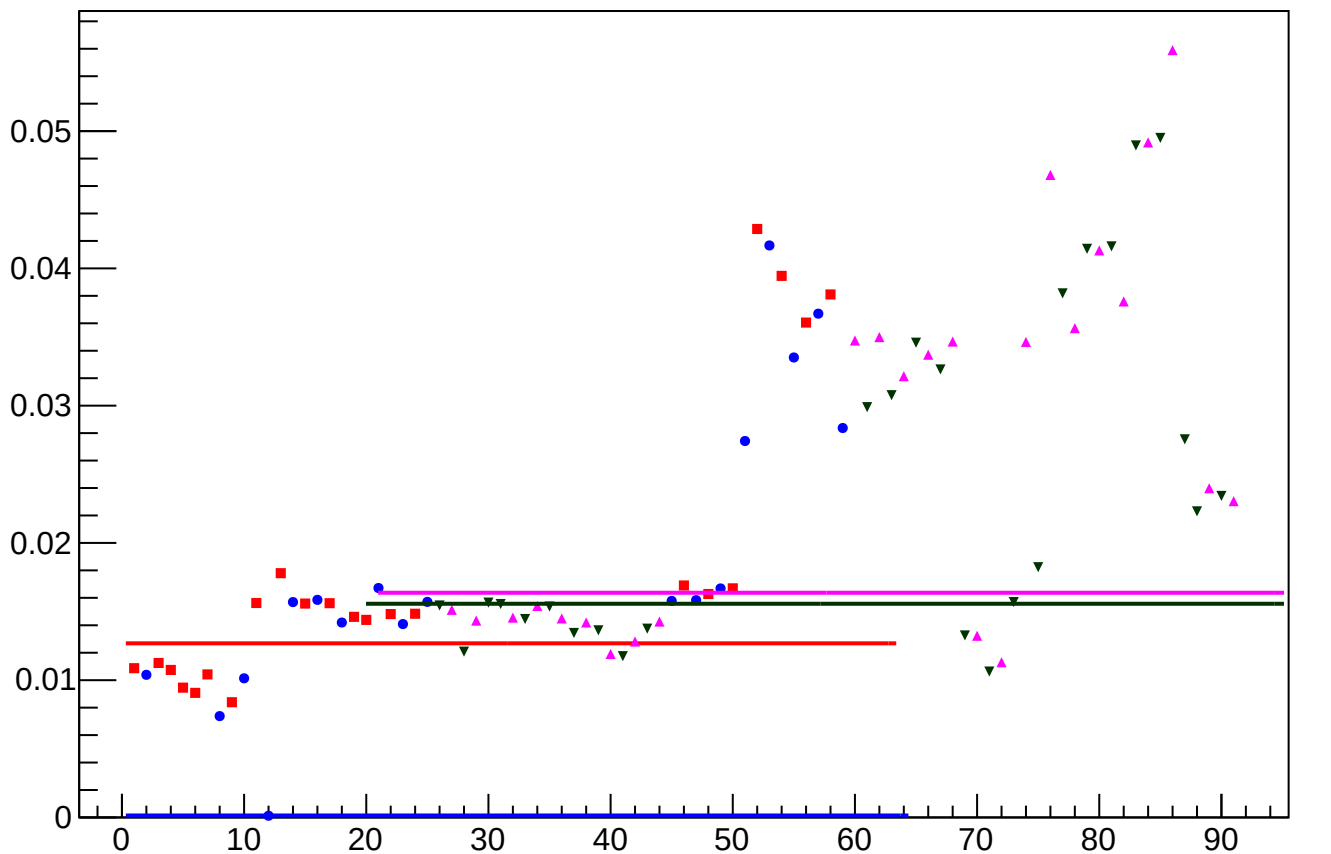
Left Out: 1.906+/-0.000 χ^2/NDF : 2588072359.0/25

-0.055+/-0.000 χ^2/NDF : 636818116608.6/90

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

Left In: 1.948+/-0.000 χ^2/NDF : 2087367384.5/24

yield_bpm4acY_rms vs slug



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

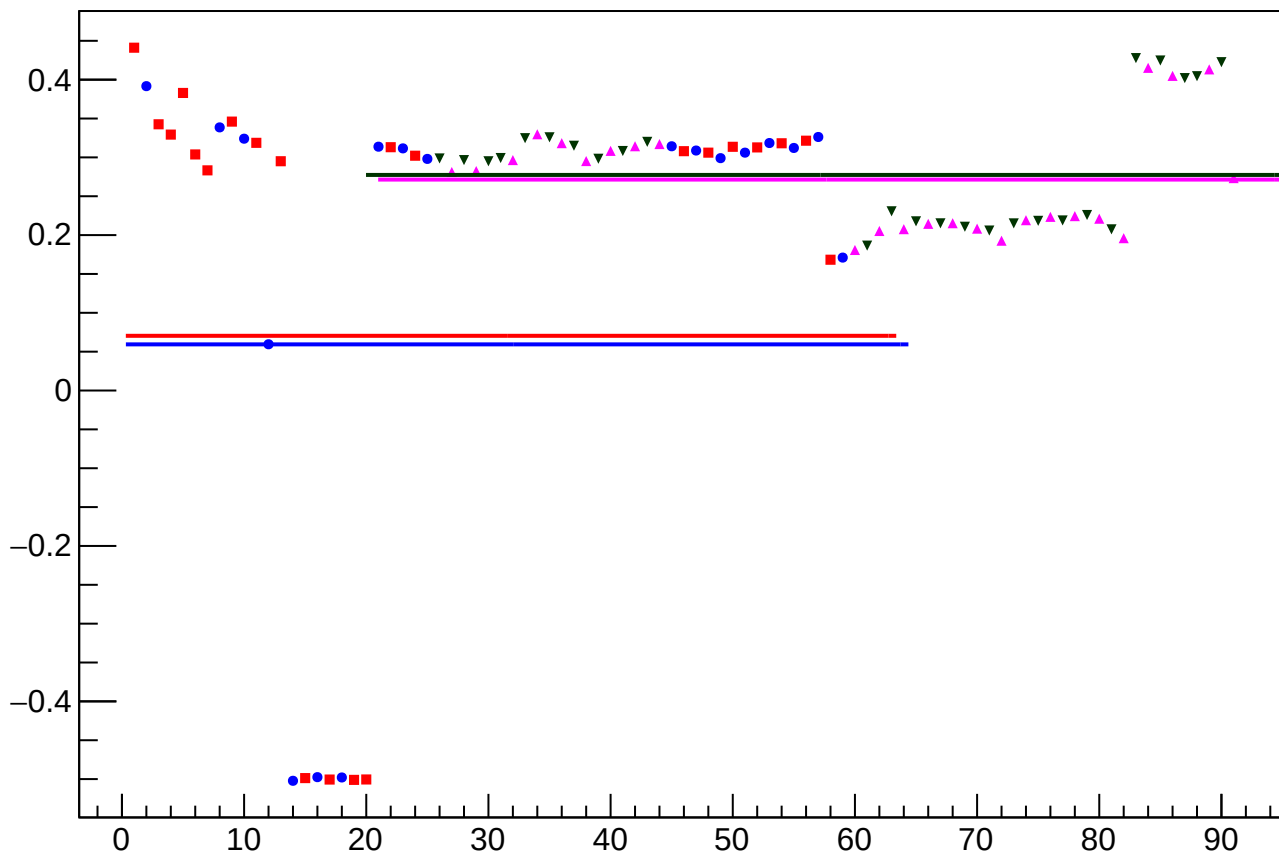
Left Out: 0.016+/-0.000 χ^2/NDF : 3623131.1/25

0.000+/-0.000 χ^2/NDF : 87290851.1/90

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

Left In: 0.016+/-0.000 χ^2/NDF : 4325172.4/24

yield_bpm4ecX_mean vs slug



Right In: 0.059 $\pm$ 0.000 χ^2 /NDF: 3807626077.9/17

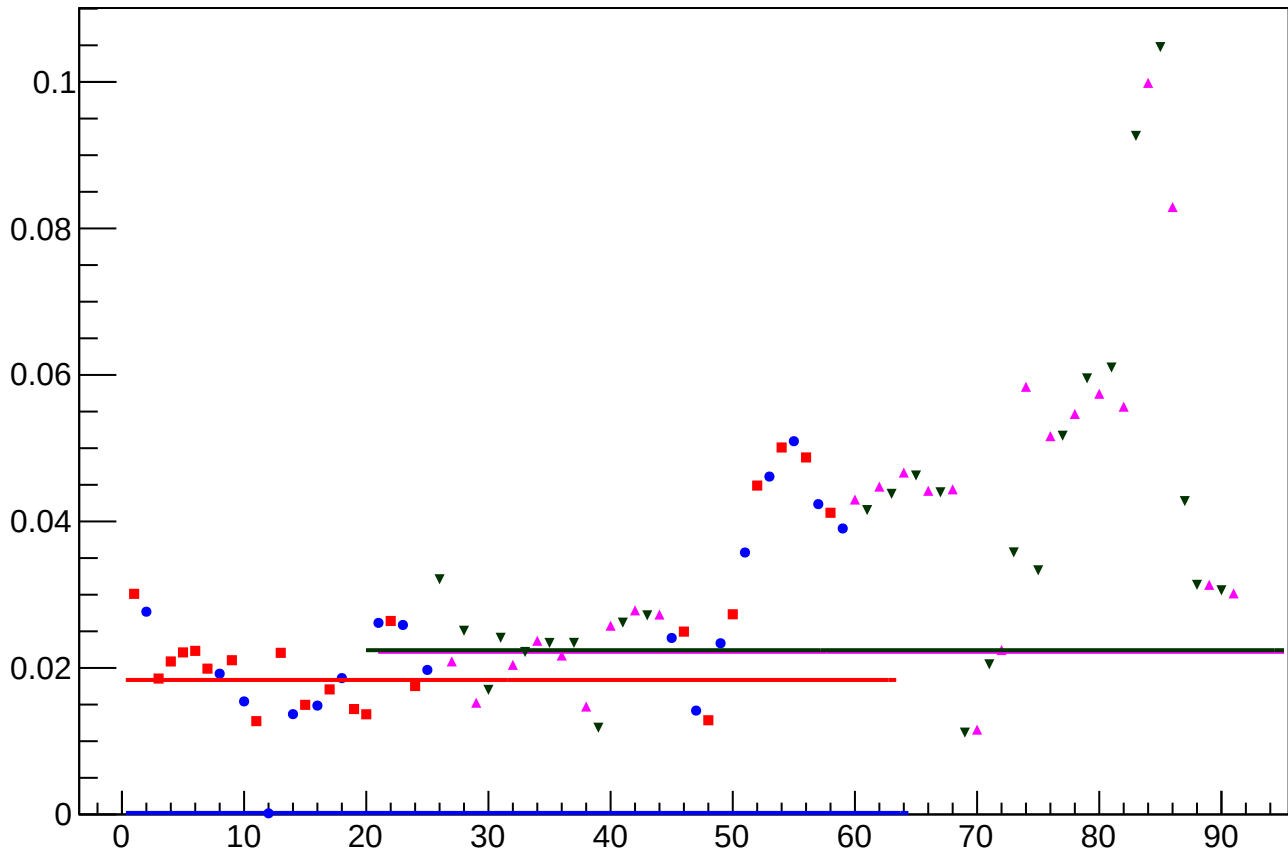
Left Out: 0.277 $\pm$ 0.000 χ^2 /NDF: 60390499.6/25

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 3672286717.3/21

Left In: 0.271 $\pm$ 0.000 χ^2 /NDF: 50521736.9/24

0.060 $\pm$ 0.000 χ^2 /NDF: 9408602929.8/90

yield_bpm4ecX_rms vs slug



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

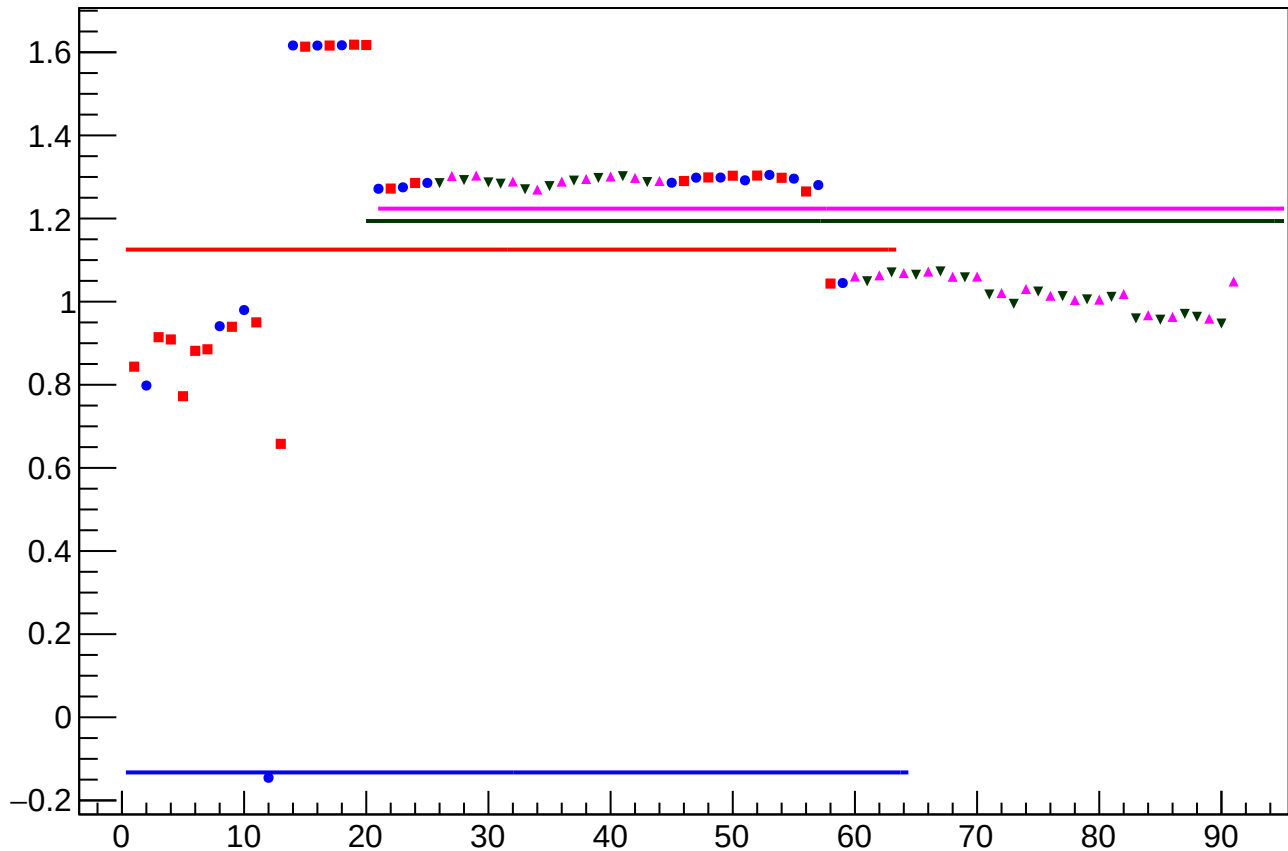
Left Out: 0.022+/-0.000 χ^2/NDF : 5392122.2/25

0.000+/-0.000 χ^2/NDF : 89036254.1/90

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

Left In: 0.022+/-0.000 χ^2/NDF : 5806931.2/24

yield_bpm4ecY_mean vs slug



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

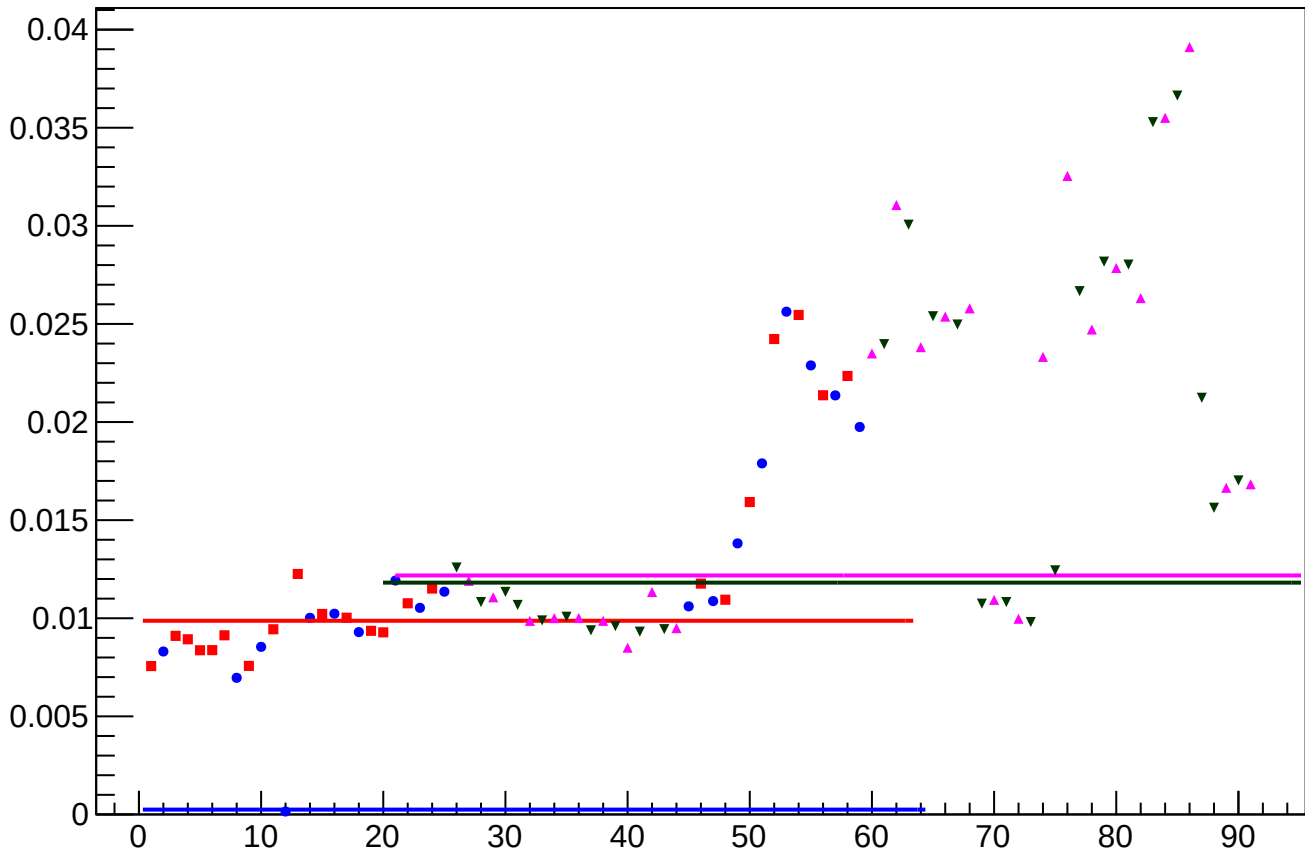
Left Out: 1.194+/-0.000 χ^2 /NDF:1269366558.6/25

-0.100+/-0.000 χ^2 /NDF: 572000130259.2/90

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

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

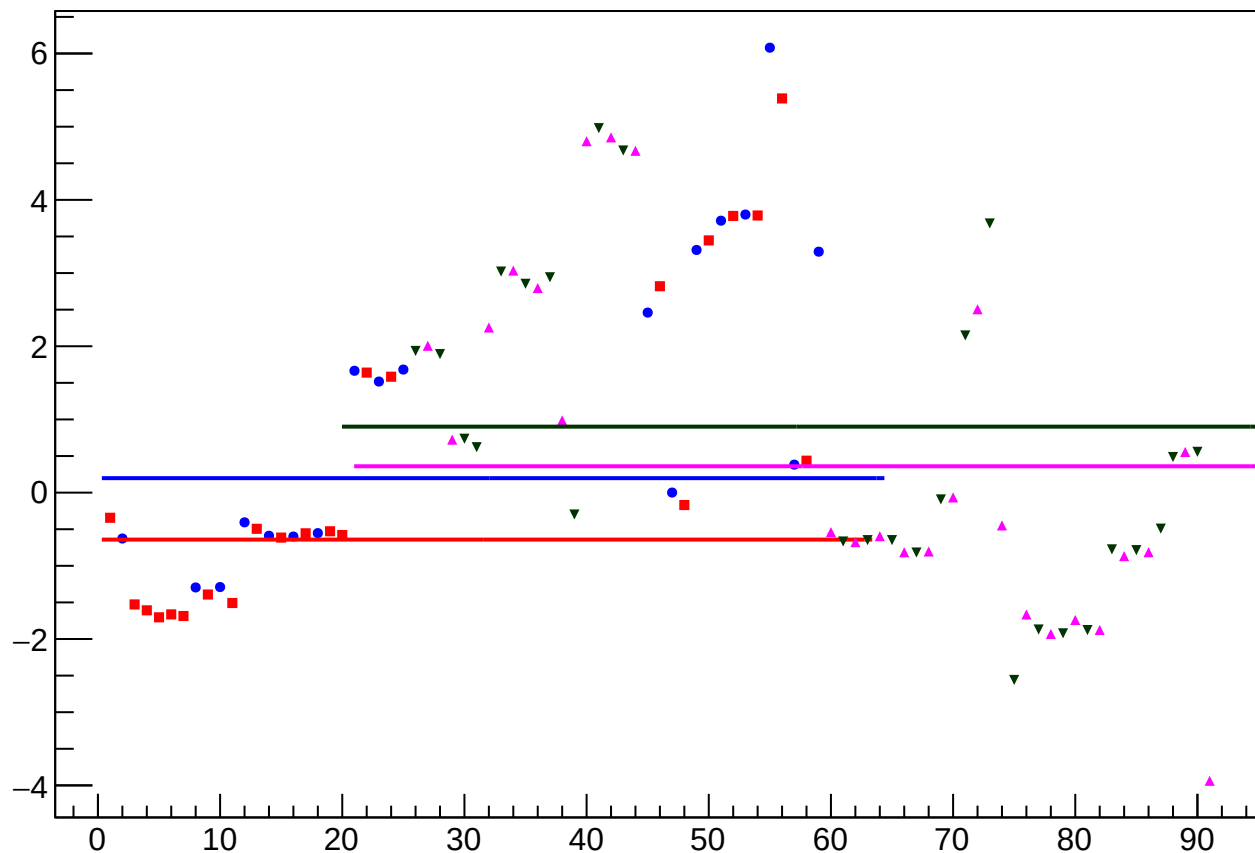
Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:3365307.0/25

0.001 $\pm$ 0.000 χ^2 /NDF: 84301943.7/90

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

yield_bpm1X_mean vs slug



Right In: 0.198 $\pm$ 0.000 χ^2 /NDF: 16198564947.3/17

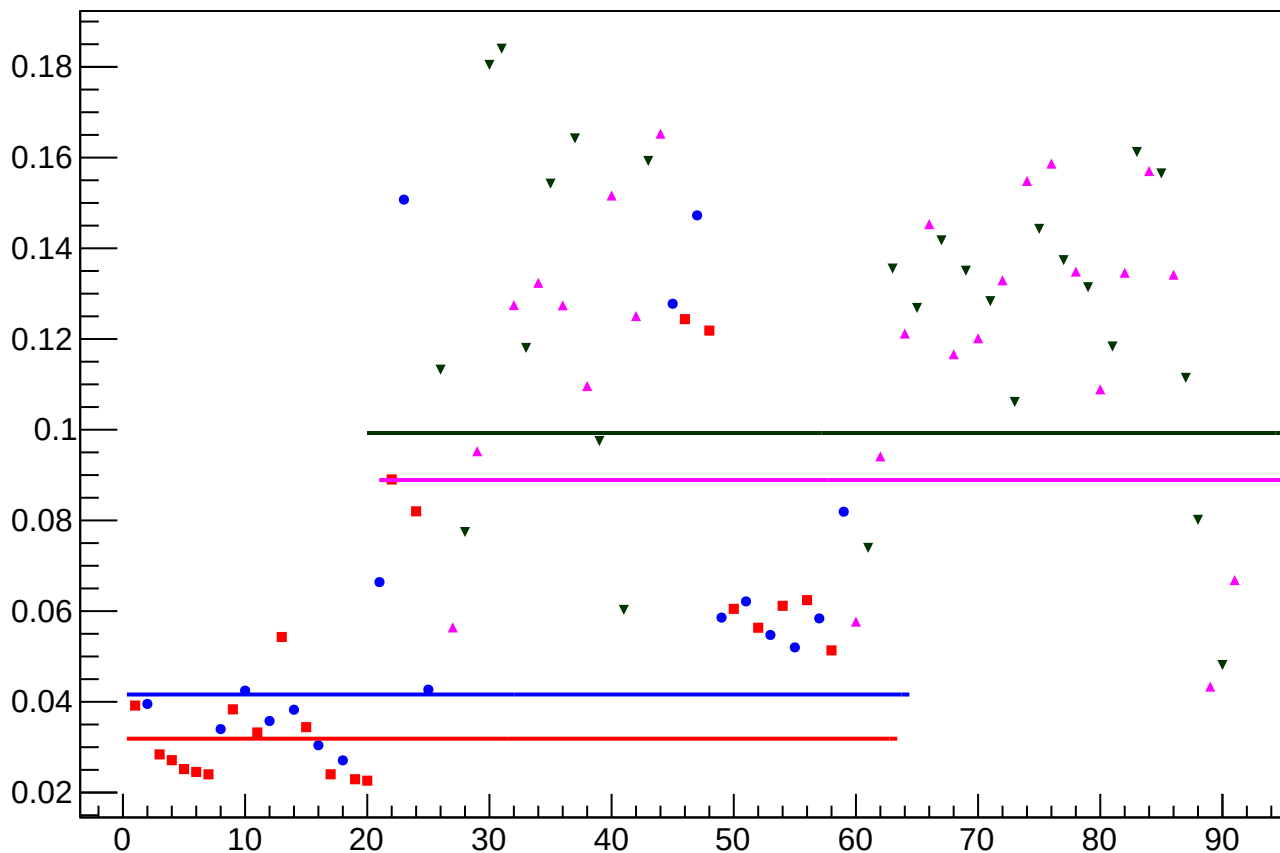
Left Out: 0.902 $\pm$ 0.000 χ^2 /NDF: 3758046882.8/25

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

-0.175 $\pm$ 0.000 χ^2 /NDF: 43585143510.7/90

yield_bpm1X_rms vs slug



Right In: 0.042+/-0.000 χ^2/NDF : 2574328.5/17

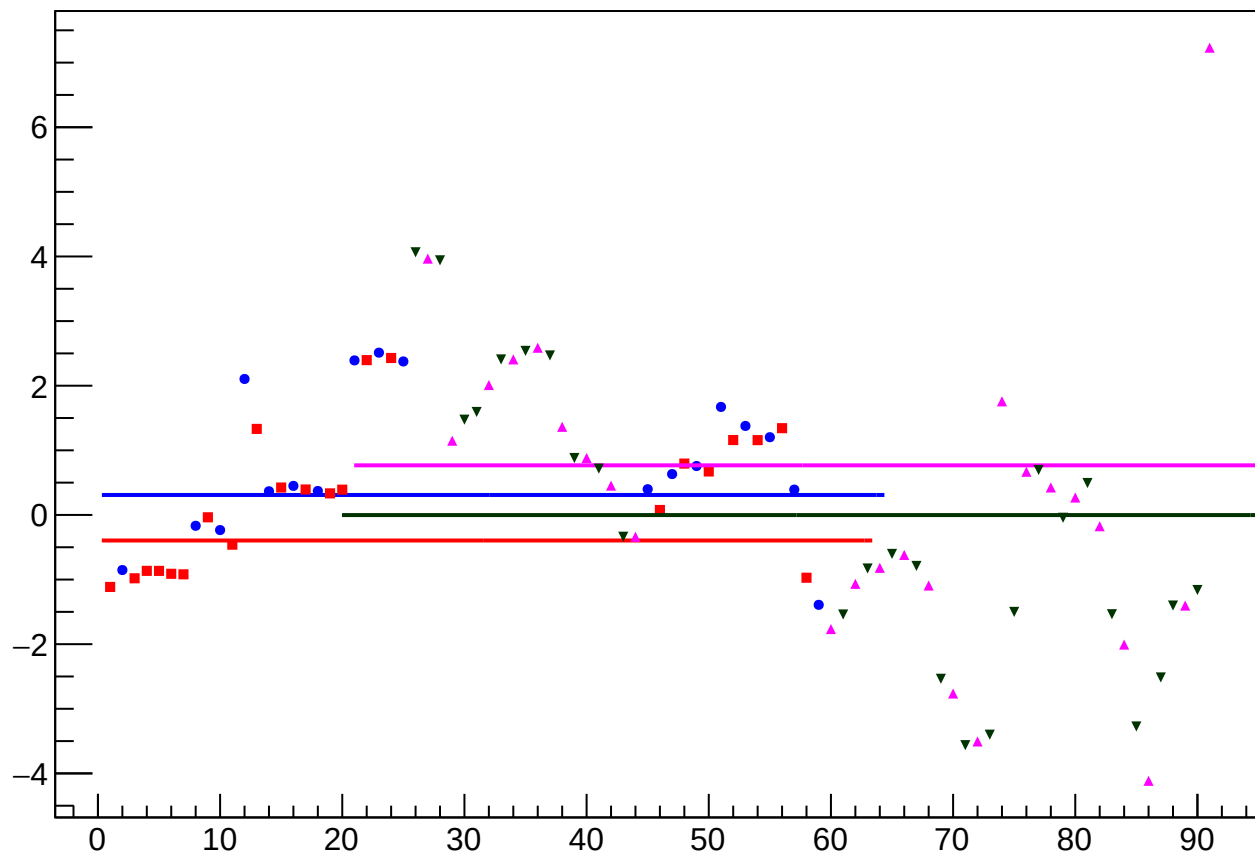
Left Out: 0.099+/-0.000 χ^2/NDF : 2944704.7/25

Right Out: 0.032+/-0.000 χ^2/NDF : 2864748.2/21

Left In: 0.089+/-0.000 χ^2/NDF : 3712443.6/24

0.045+/-0.000 χ^2/NDF : 24786024.8/90

yield_bpm1Y_mean vs slug



Right In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 7765616964.2/17$

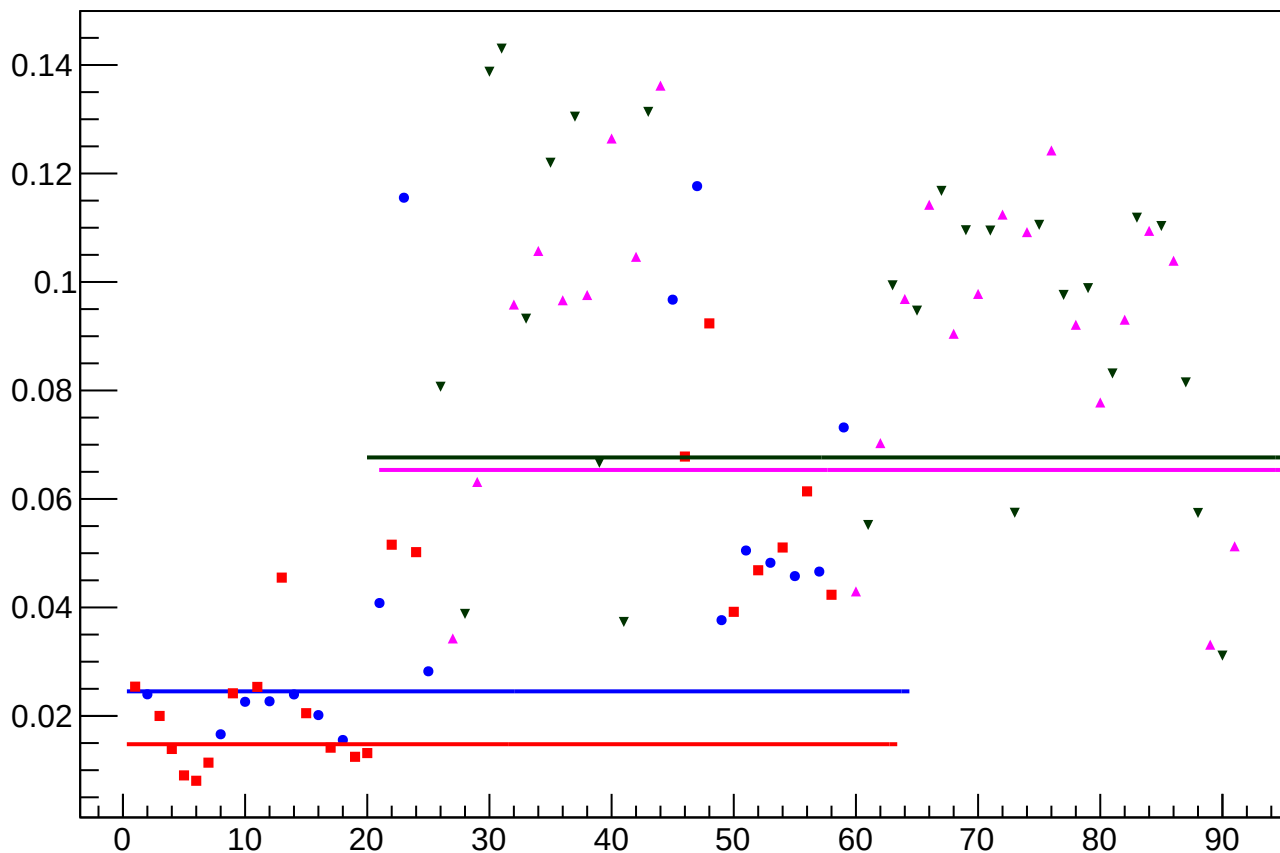
Left Out: -0.002 ± 0.000 $\chi^2/\text{NDF}: 8133751243.1/25$

Right Out: -0.395 ± 0.000 $\chi^2/\text{NDF}: 12075936840.9/21$

Left In: 0.768 ± 0.000 $\chi^2/\text{NDF}: 16003714553.8/24$

-0.125 ± 0.000 $\chi^2/\text{NDF}: 49521963944.2/90$

yield_bpm1Y_rms vs slug



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

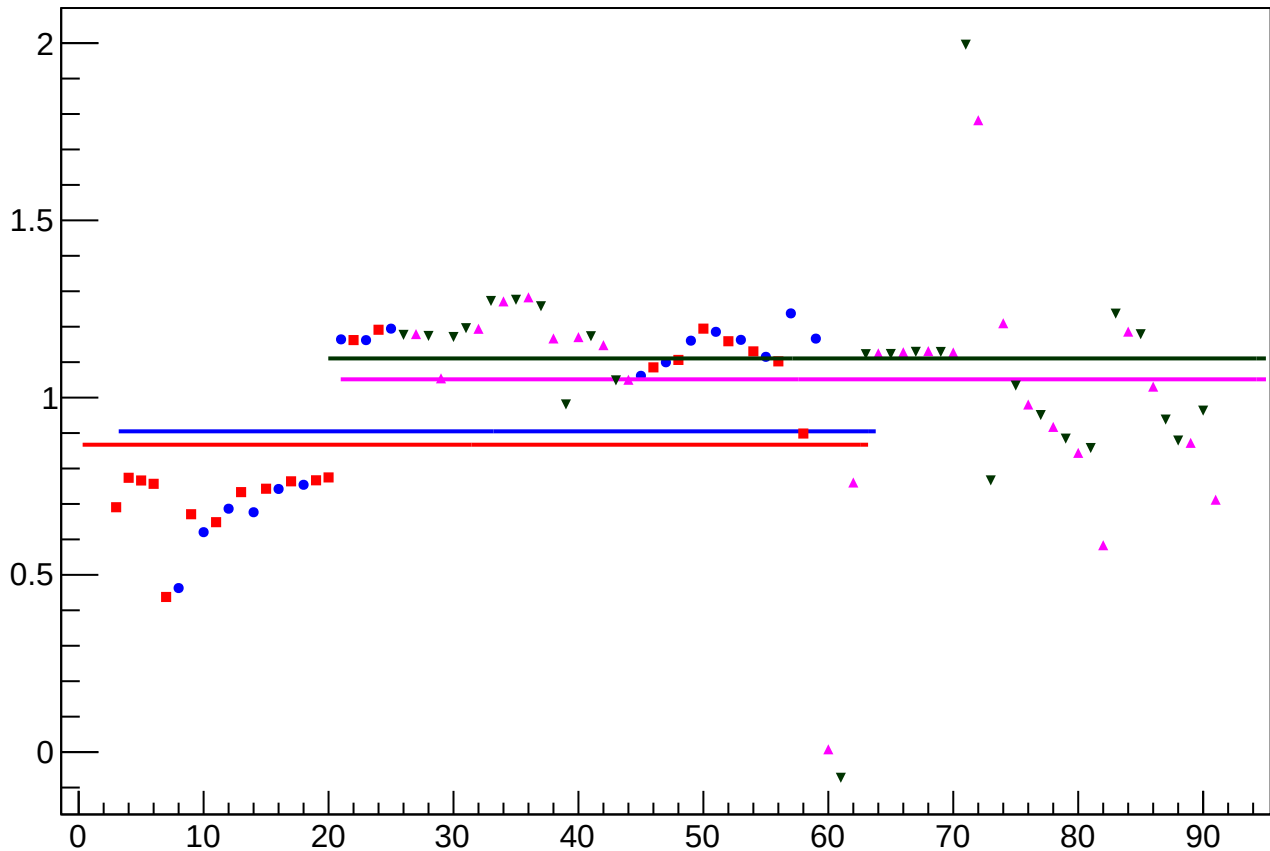
Left Out: 0.068+/-0.000 χ^2/NDF : 3960689.9/25

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

Left In: 0.065+/-0.000 χ^2/NDF : 4194520.8/24

0.022+/-0.000 χ^2/NDF : 34912783.9/90

yield_bpm11X_mean vs slug



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

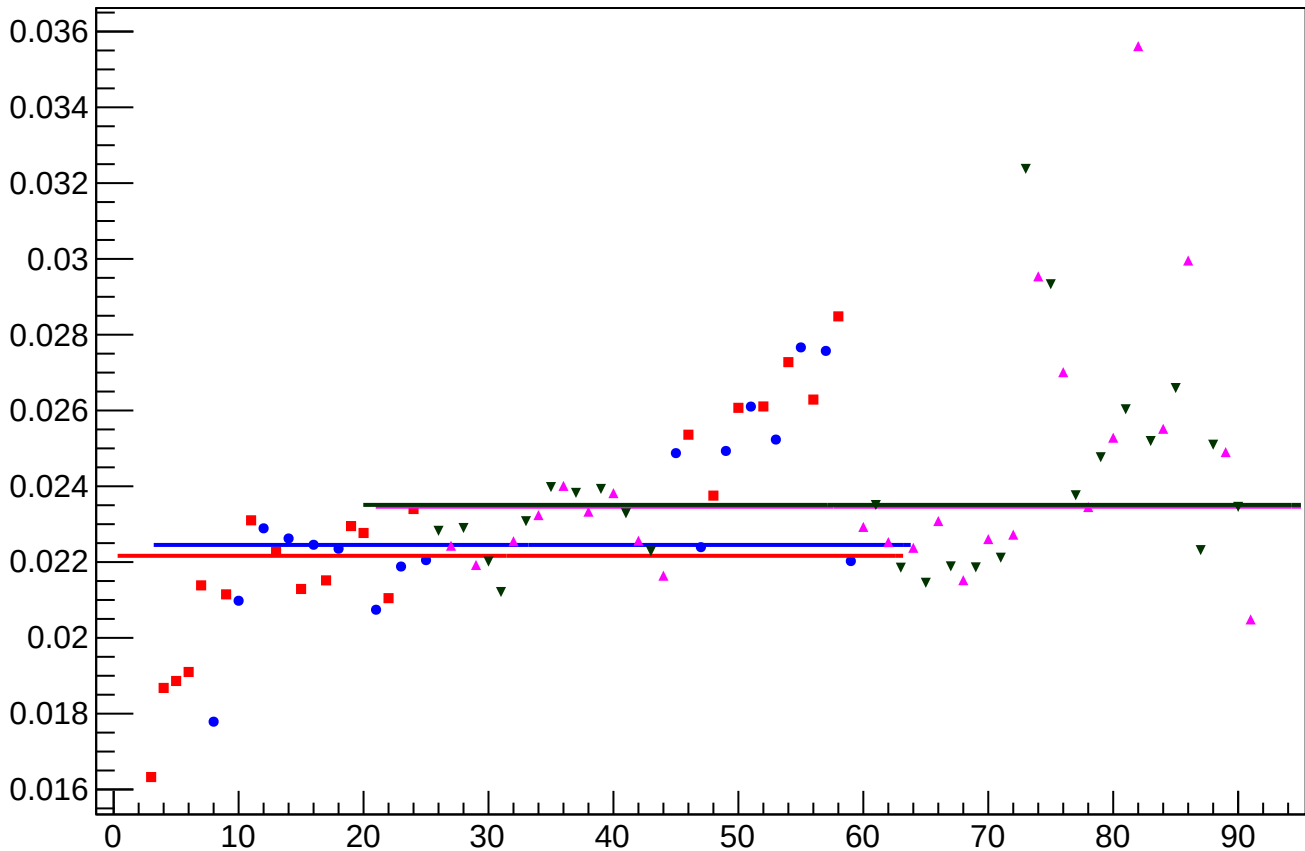
Left Out: 1.111 $\pm$ 0.000 χ^2 /NDF: 2210607431.5/25

0.991 $\pm$ 0.000 χ^2 /NDF: 7492170969.3/88

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

yield_bpm11X_rms vs slug



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

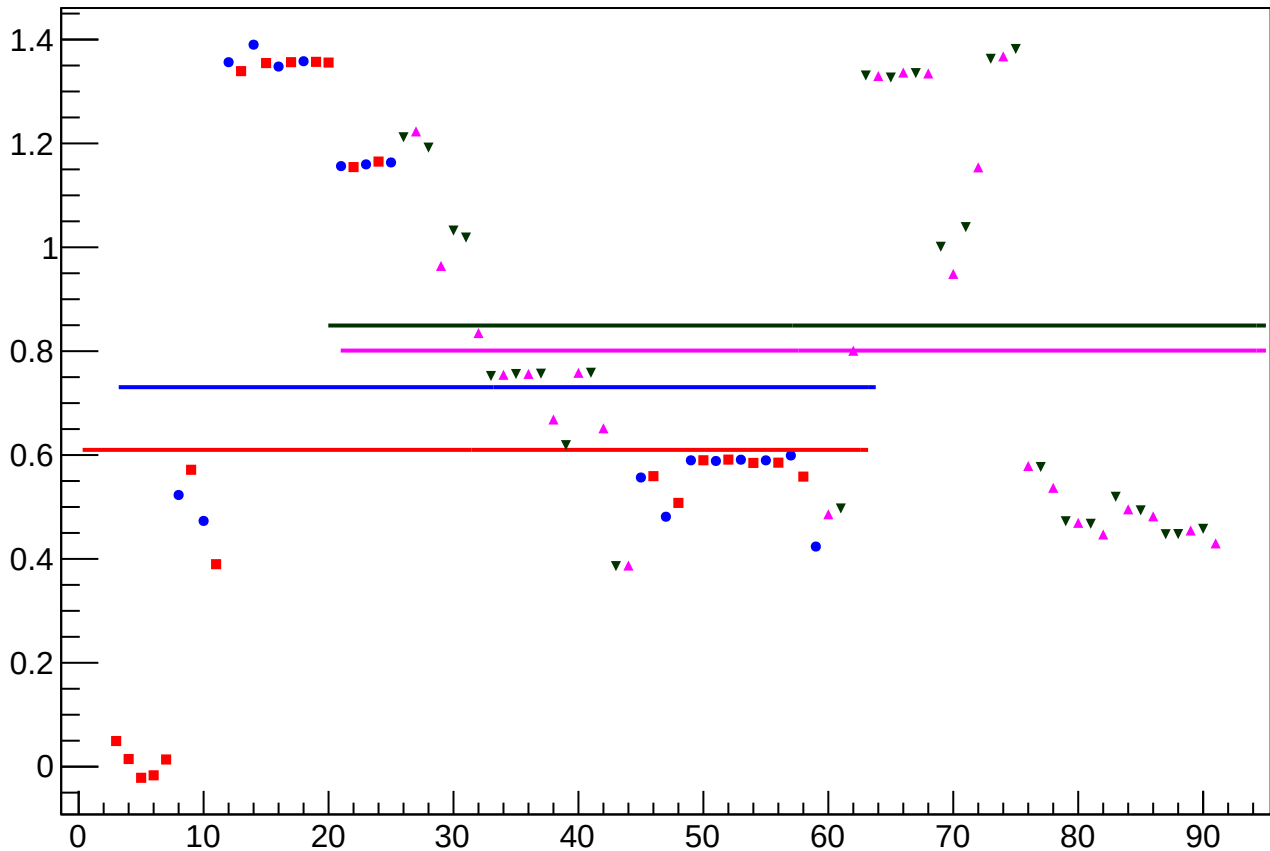
Left Out: 0.024+/-0.000 χ^2/NDF : 191800.0/25

0.023+/-0.000 χ^2/NDF : 1120673.1/88

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

Left In: 0.023+/-0.000 χ^2/NDF : 277706.5/24

yield_bpm11Y_mean vs slug



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

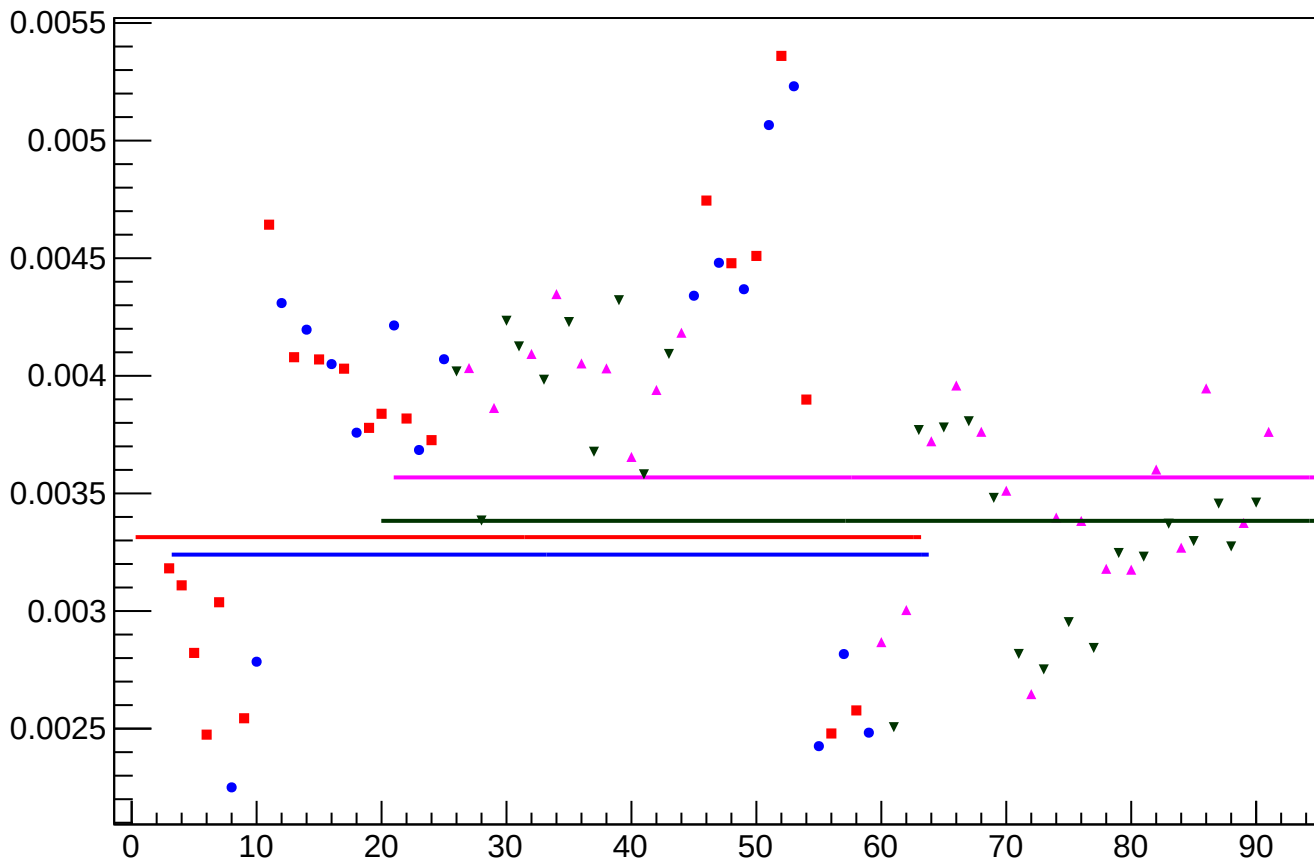
Left Out: 0.849+/-0.000 χ^2/NDF : 130215811541.4/25

0.756+/-0.000 χ^2/NDF : 548248708831.1/88

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

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

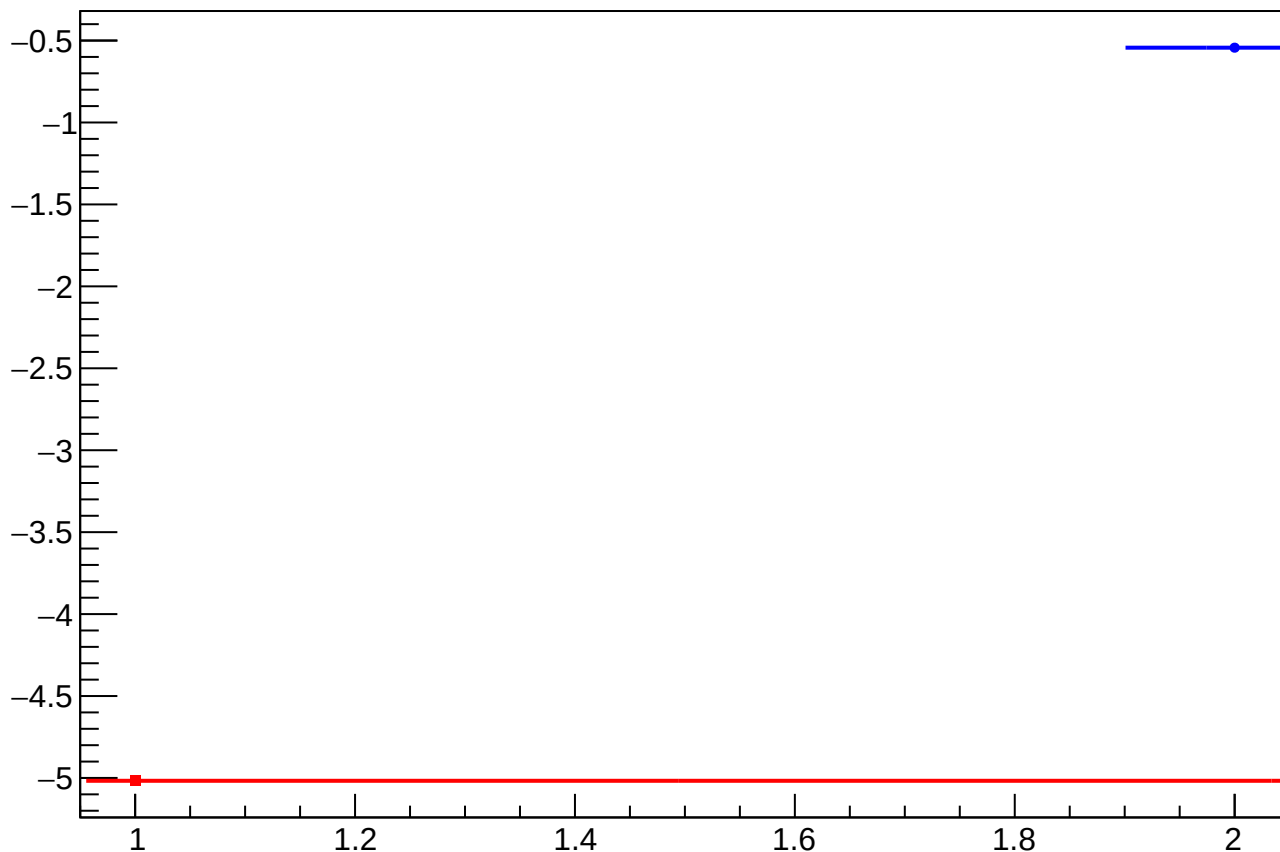
Left Out: 0.003+/-0.000 χ^2/NDF : 504212.6/25

0.003+/-0.000 χ^2/NDF : 3603695.3/88

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

Left In: 0.004+/-0.000 χ^2/NDF : 405605.3/24

yield_bpm14X_mean vs slug



Right In: -0.544+/-0.000 χ^2/NDF : 0.0/0

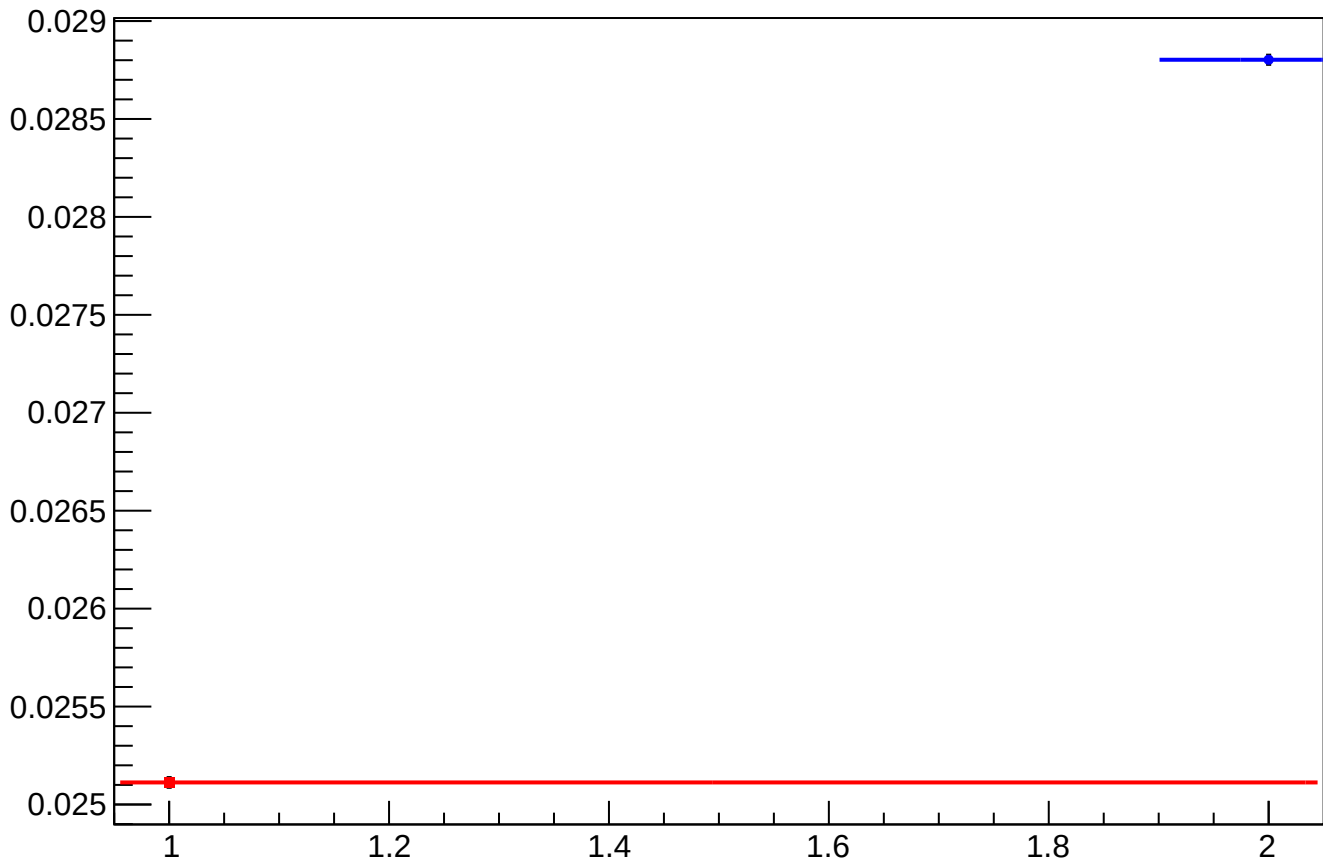
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.017+/-0.000 χ^2/NDF : 0.0/0

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

-2.662+/-0.000 χ^2/NDF : 7035298574.8/1

yield_bpm14X_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 0.0/0

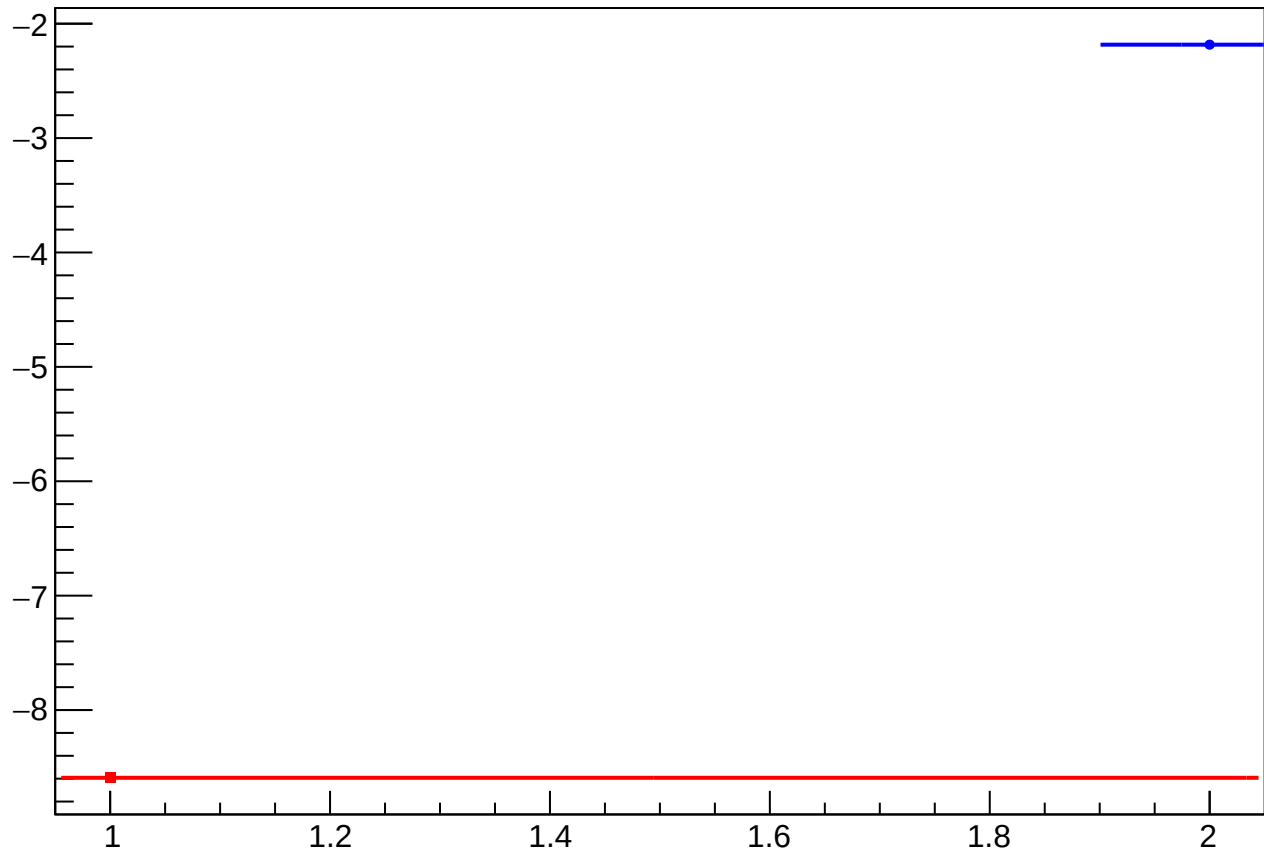
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.027+/-0.000 χ^2/NDF : 9570.9/1

yield_bpm14Y_mean vs slug



Right In: -2.183+/-0.000 χ^2 /NDF: 0.0/0

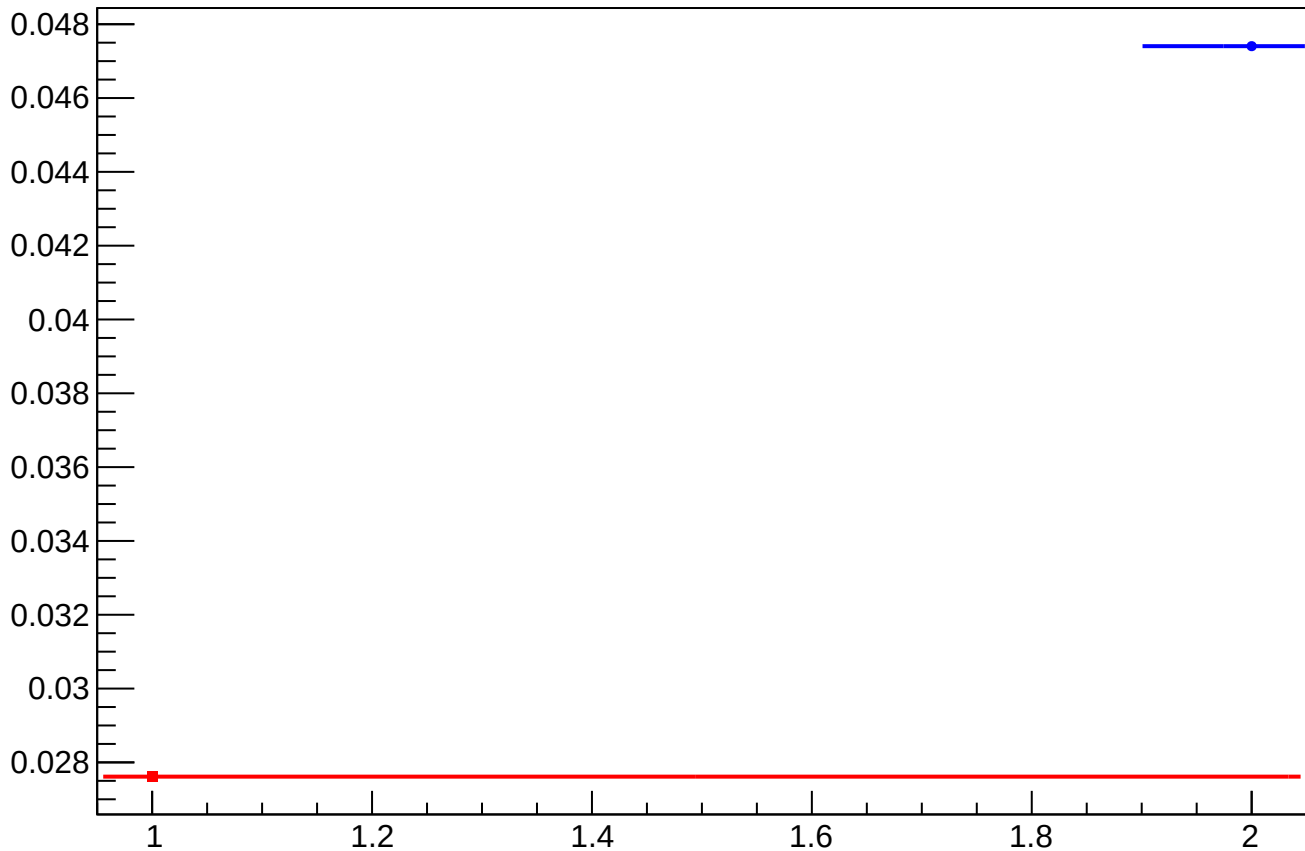
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.592+/-0.000 χ^2 /NDF: 0.0/0

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

-6.176+/-0.000 χ^2 /NDF: 7821070816.7/1

yield_bpm14Y_rms vs slug



Right In: 0.047+/-0.000 χ^2/NDF : 0.0/0

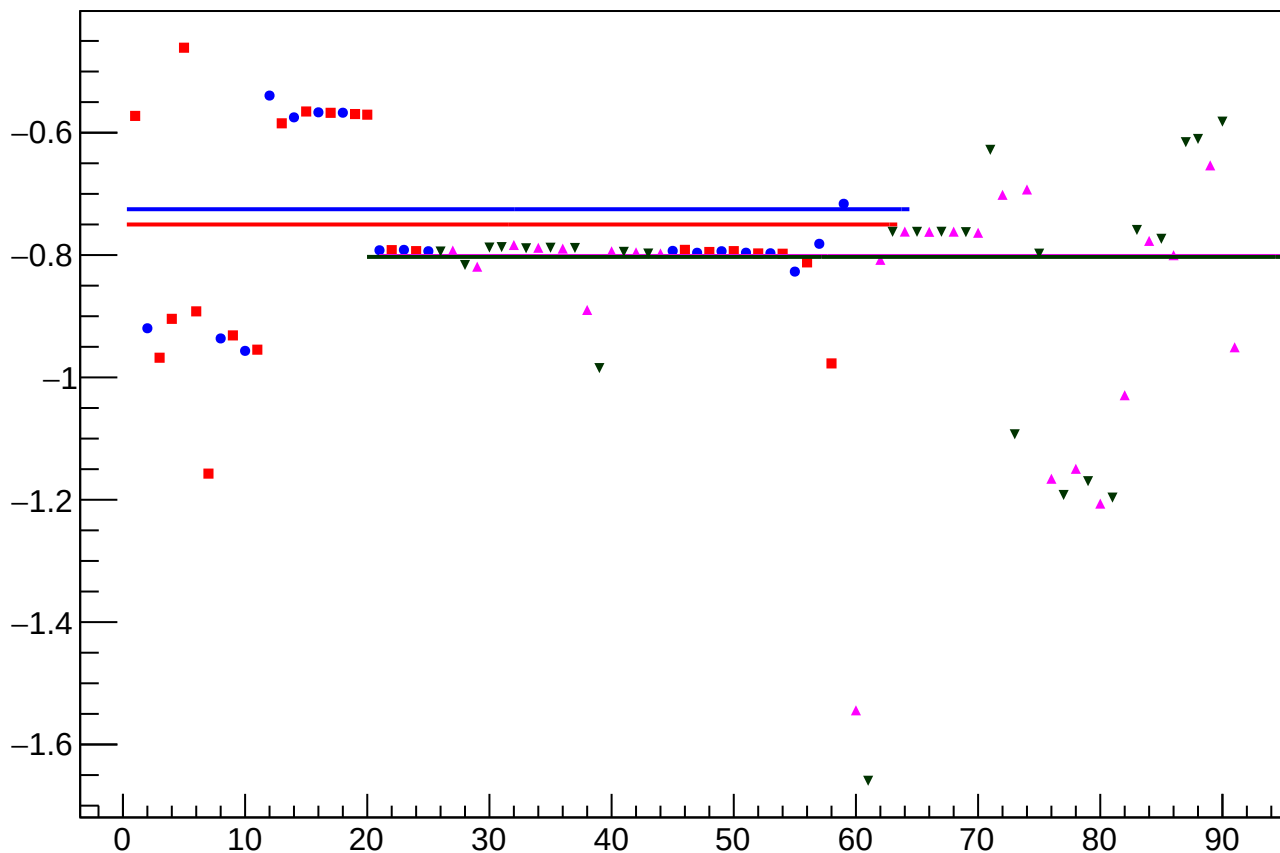
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.035+/-0.000 χ^2/NDF : 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.725 ± 0.000 χ^2/NDF : 2135875986.8/17

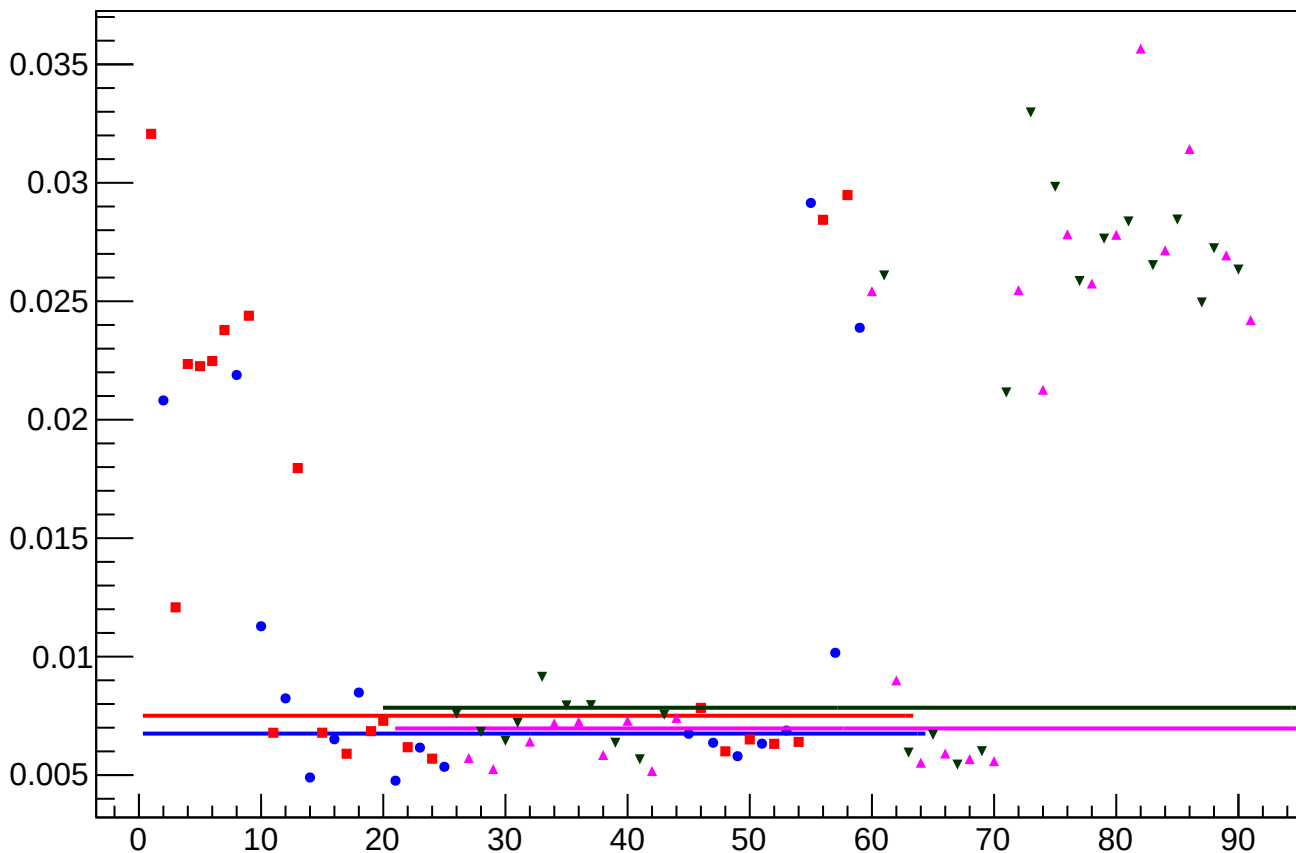
Left Out: -0.803 ± 0.000 χ^2/NDF : 1206339244.2/25

Right Out: -0.750 ± 0.000 χ^2/NDF : 2018513601.9/21

Left In: -0.802 ± 0.000 χ^2/NDF : 982121849.0/24

-0.770 ± 0.000 χ^2/NDF : 7001976580.3/90

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 3666855.7/17

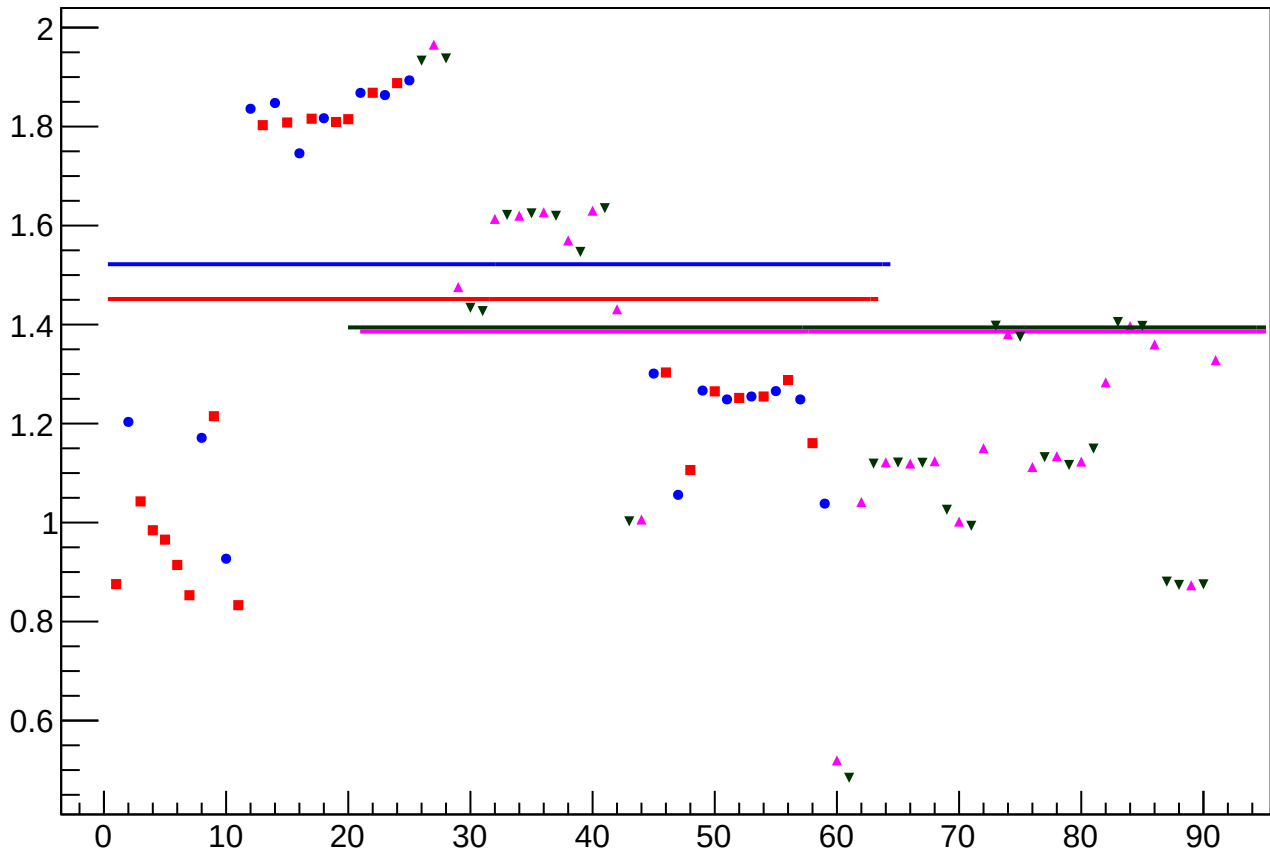
Left Out: 0.008+/-0.000 χ^2/NDF : 5975171.5/25

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 : 20387122.8/90

yield_bpm12Y_mean vs slug



Right In: 1.522 $\pm$ 0.000 χ^2 /NDF: 20796999957.5/17

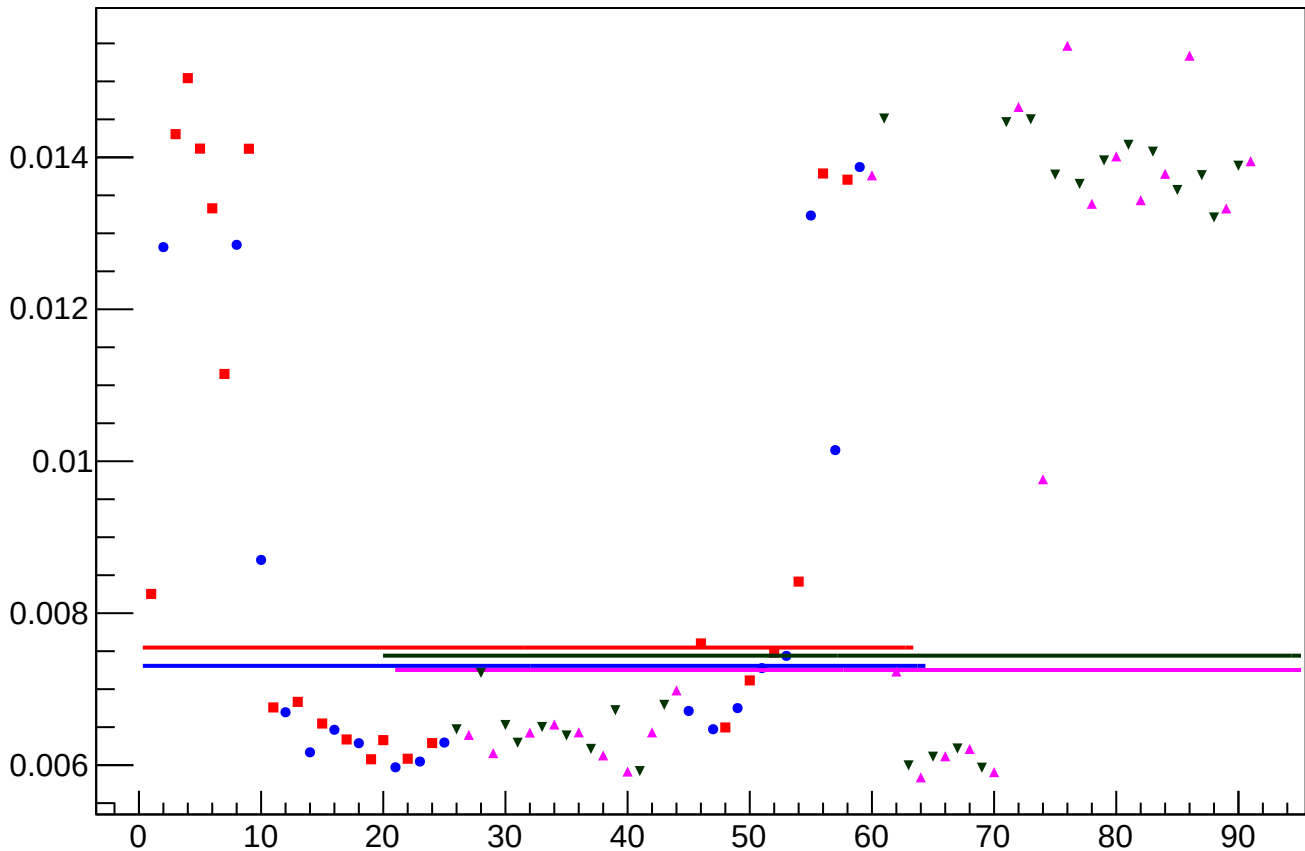
Left Out: 1.394 $\pm$ 0.000 χ^2 /NDF: 19664321048.3/25

Right Out: 1.452 $\pm$ 0.000 χ^2 /NDF: 24114686590.9/21

Left In: 1.386 $\pm$ 0.000 χ^2 /NDF: 20667717160.8/24

1.435 $\pm$ 0.000 χ^2 /NDF: 87526596591.6/90

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1523008.8/17

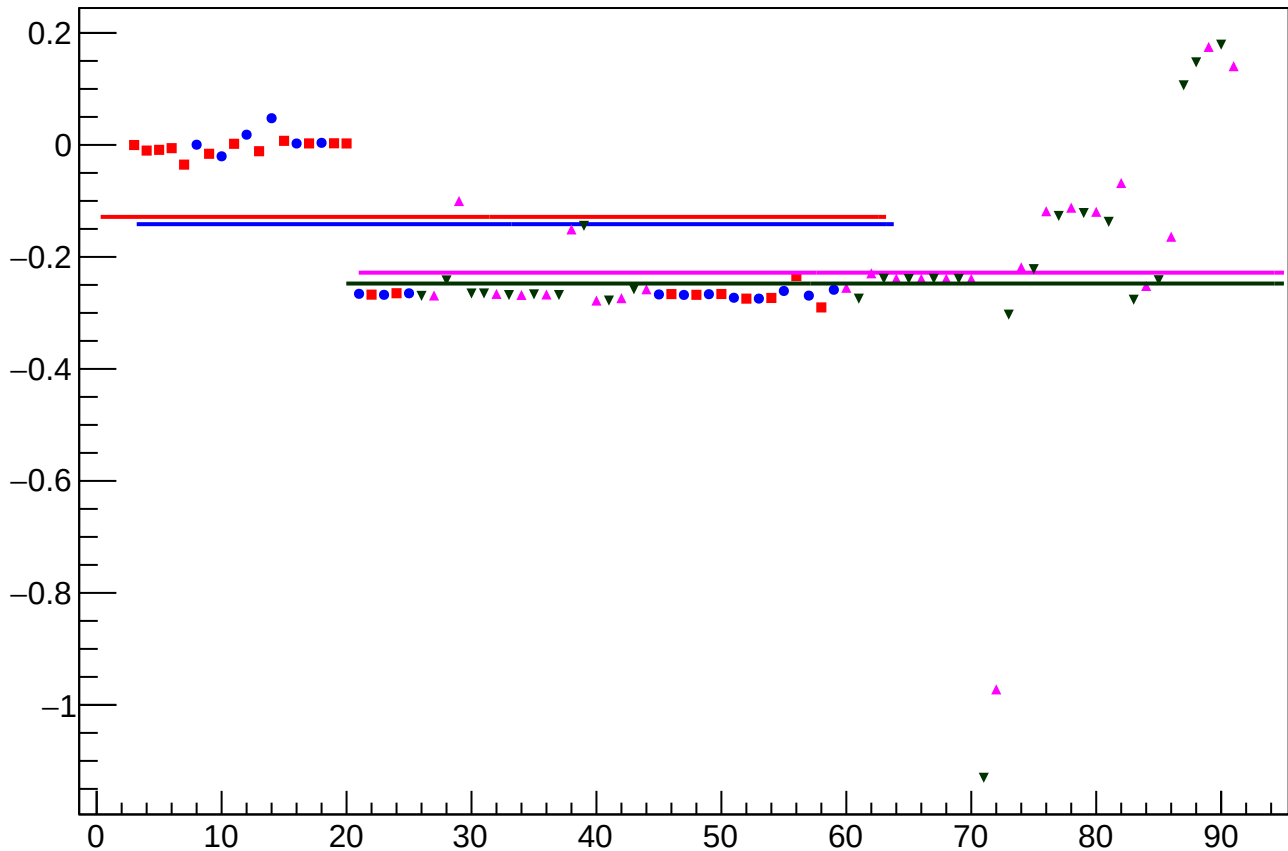
Left Out: 0.007+/-0.000 χ^2/NDF : 2746110.8/25

0.007+/-0.000 χ^2/NDF : 8708241.5/90

Right Out: 0.008+/-0.000 χ^2/NDF : 1647671.1/21

Left In: 0.007+/-0.000 χ^2/NDF : 2772193.0/24

yield_bpm16X_mean vs slug



Right In: -0.142+/-0.000 χ^2/NDF : 7084984076.1/16

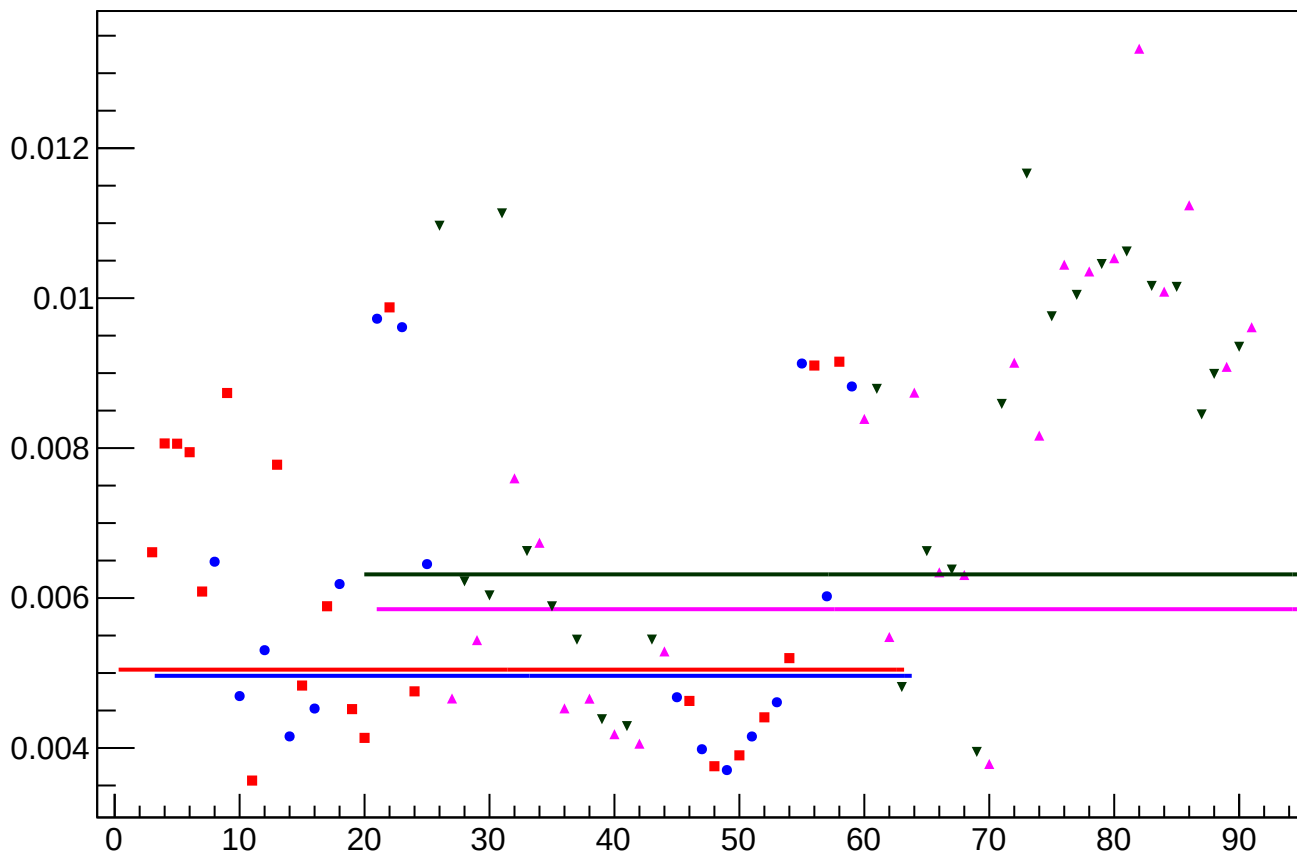
Left Out: -0.248+/-0.000 χ^2/NDF : 8240614126.3/25

-0.183+/-0.000 χ^2/NDF : 29818361372.9/88

Right Out: -0.128+/-0.000 χ^2/NDF : 5738299455.5/20

Left In: -0.228+/-0.000 χ^2/NDF : 5406602959.2/24

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1538310.7/16

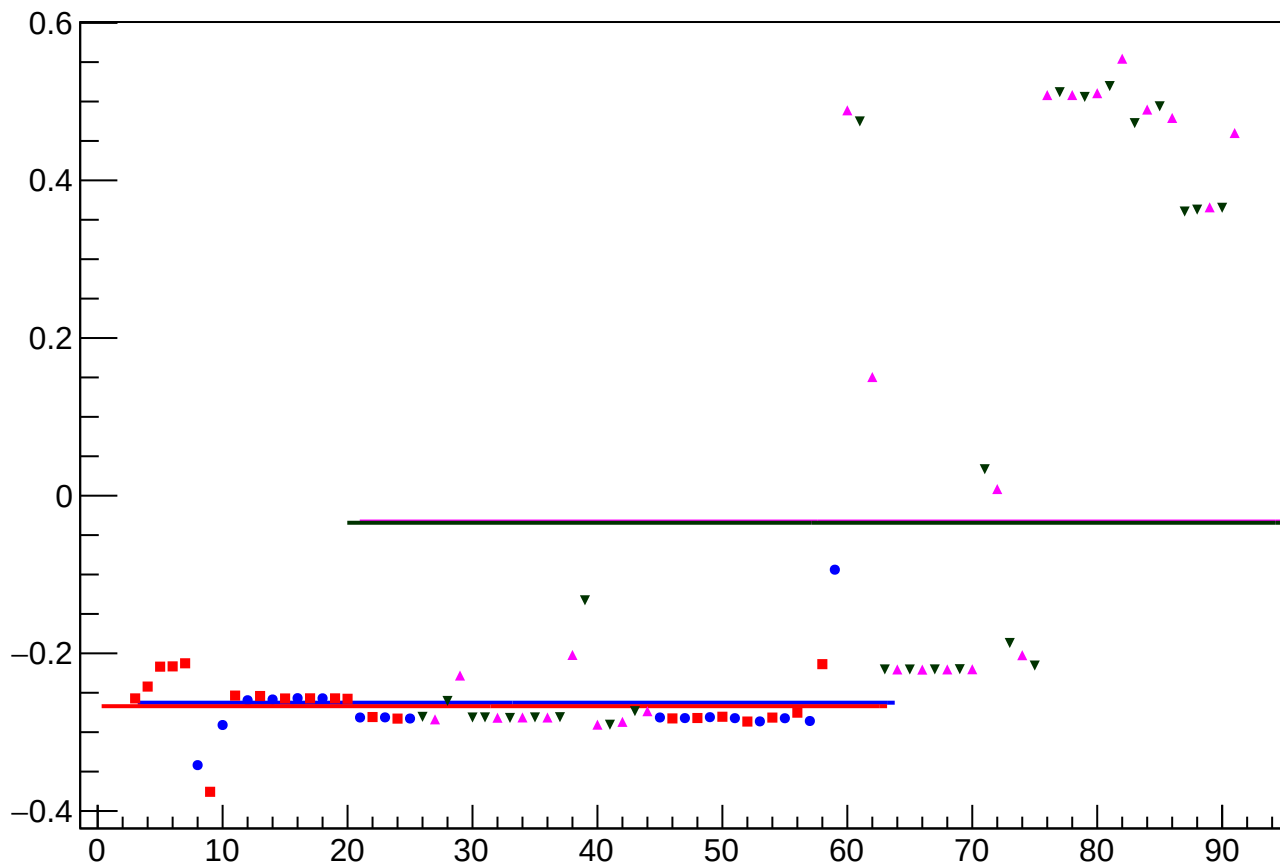
Left Out: 0.006+/-0.000 χ^2/NDF : 2565780.8/25

Right Out: 0.005+/-0.000 χ^2/NDF : 1811282.8/20

Left In: 0.006+/-0.000 χ^2/NDF : 2906947.1/24

0.005+/-0.000 χ^2/NDF : 9597428.1/88

yield_bpm16Y_mean vs slug



Right In: -0.263+/-0.000 χ^2/NDF : 6965076435.7/16

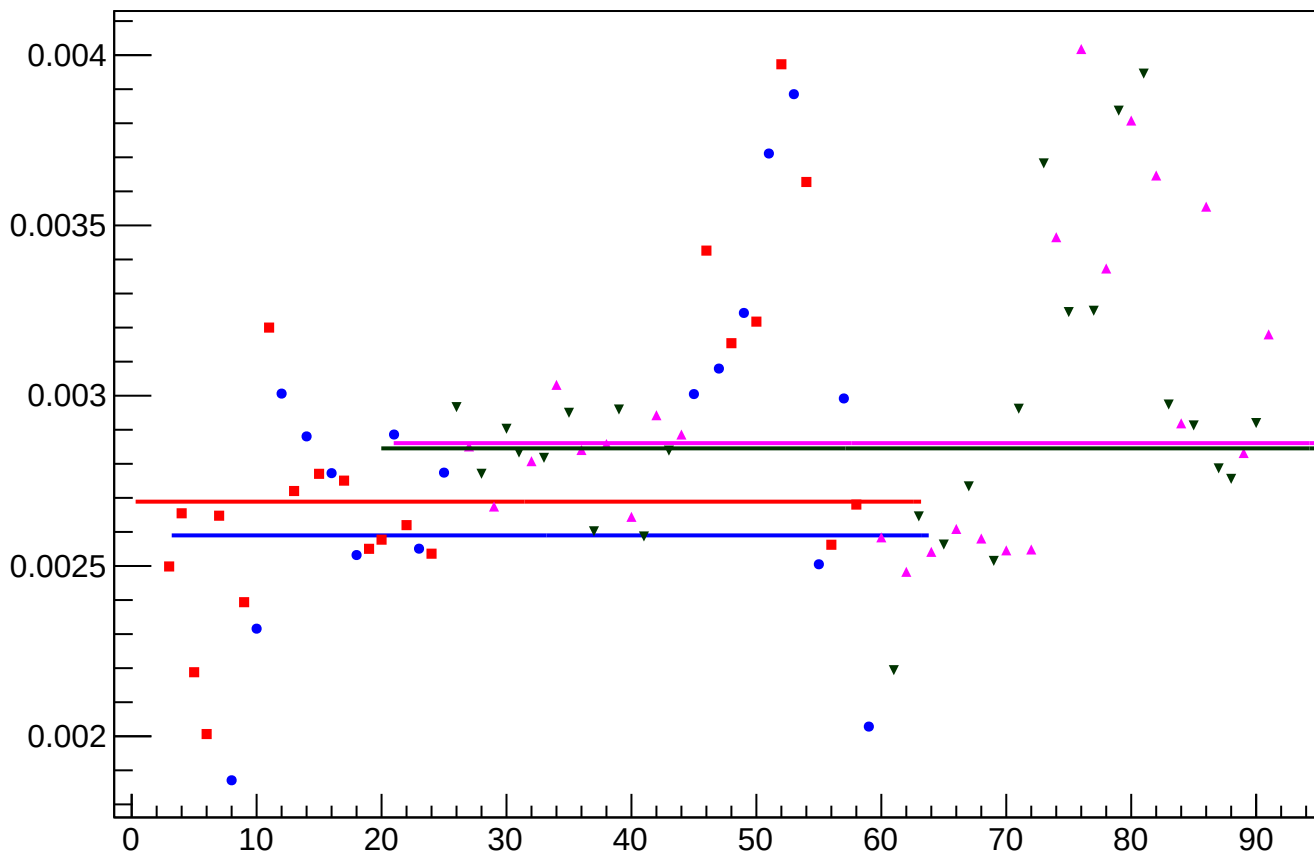
Left Out: -0.034+/-0.000 χ^2/NDF : 154622251301.5/25

Right Out: -0.267+/-0.000 χ^2/NDF : 2301420018.6/20

Left In: -0.033+/-0.000 χ^2/NDF : 161240791094.5/24

-0.142+/-0.000 χ^2/NDF : 402825687301.1/88

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 761956.7/16

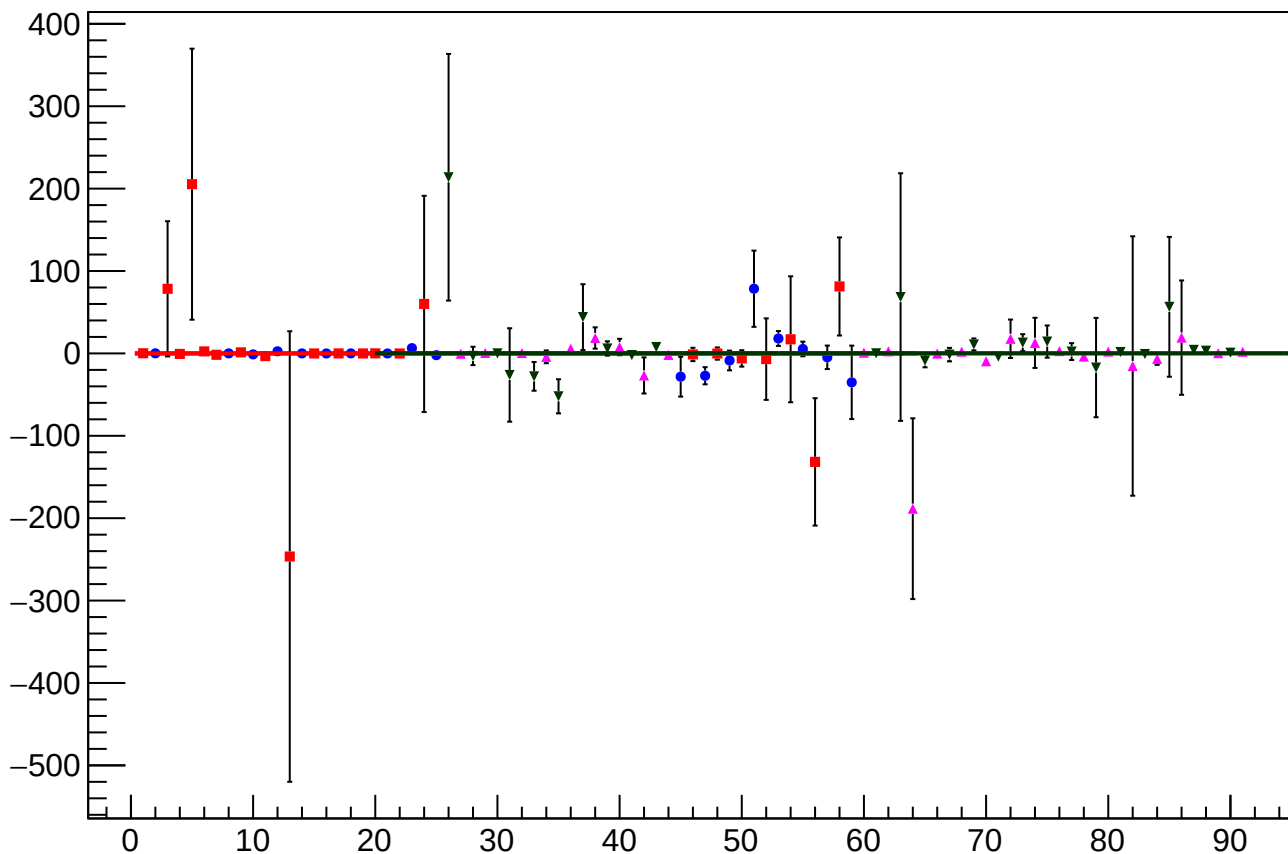
Left Out: 0.003+/-0.000 χ^2/NDF : 365754.9/25

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 : 2160171.4/88

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 34.5/17

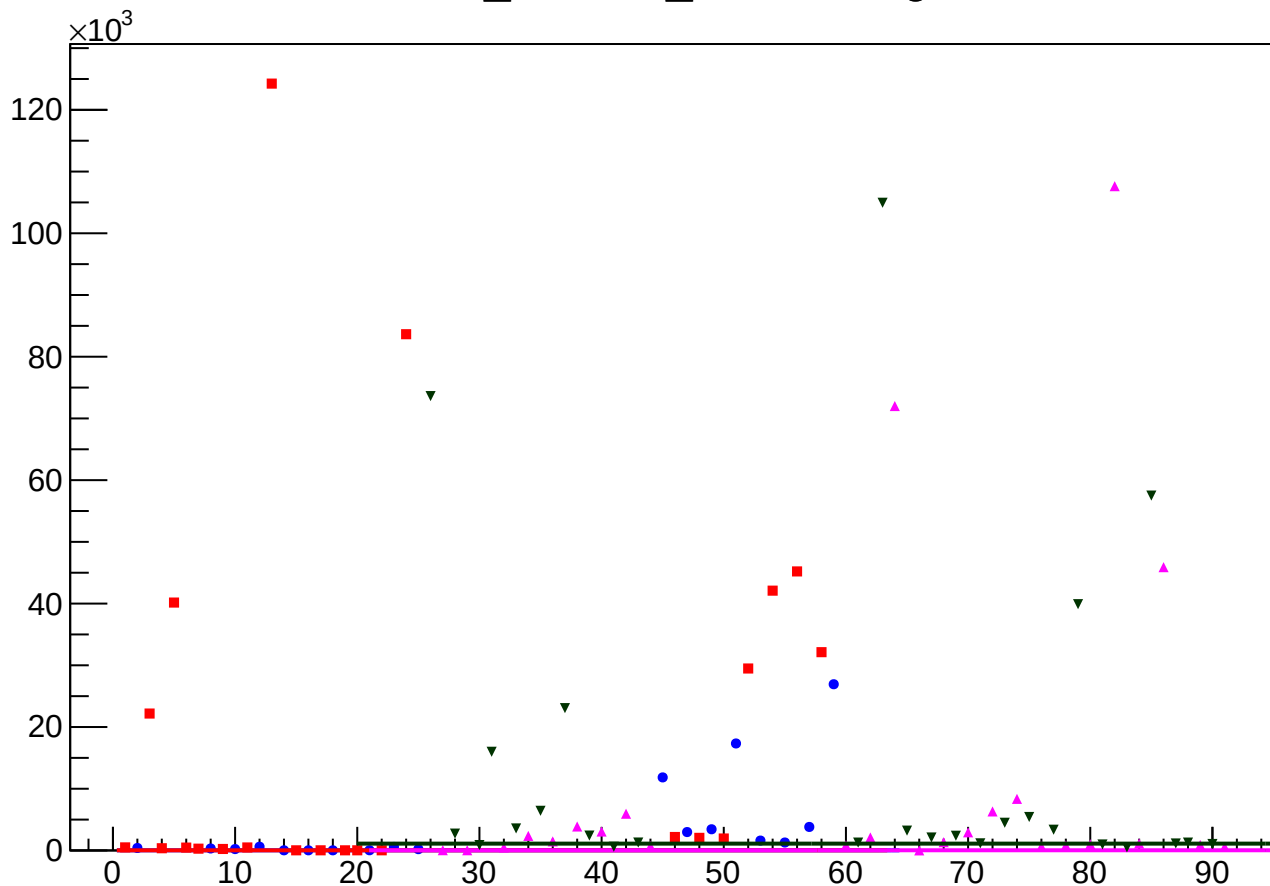
Left Out: 0.194 ± 0.844 χ^2/NDF : 26.1/25

Right Out: -0.019 ± 0.017 χ^2/NDF : 27.2/21

Left In: -0.059 ± 0.073 χ^2/NDF : 35.1/24

-0.014 ± 0.011 χ^2/NDF : 123.6/90

diff_cav4bX_rms vs slug



Right In: 22.489 $\pm$ 0.011 χ^2 /NDF: 2816257.0/17

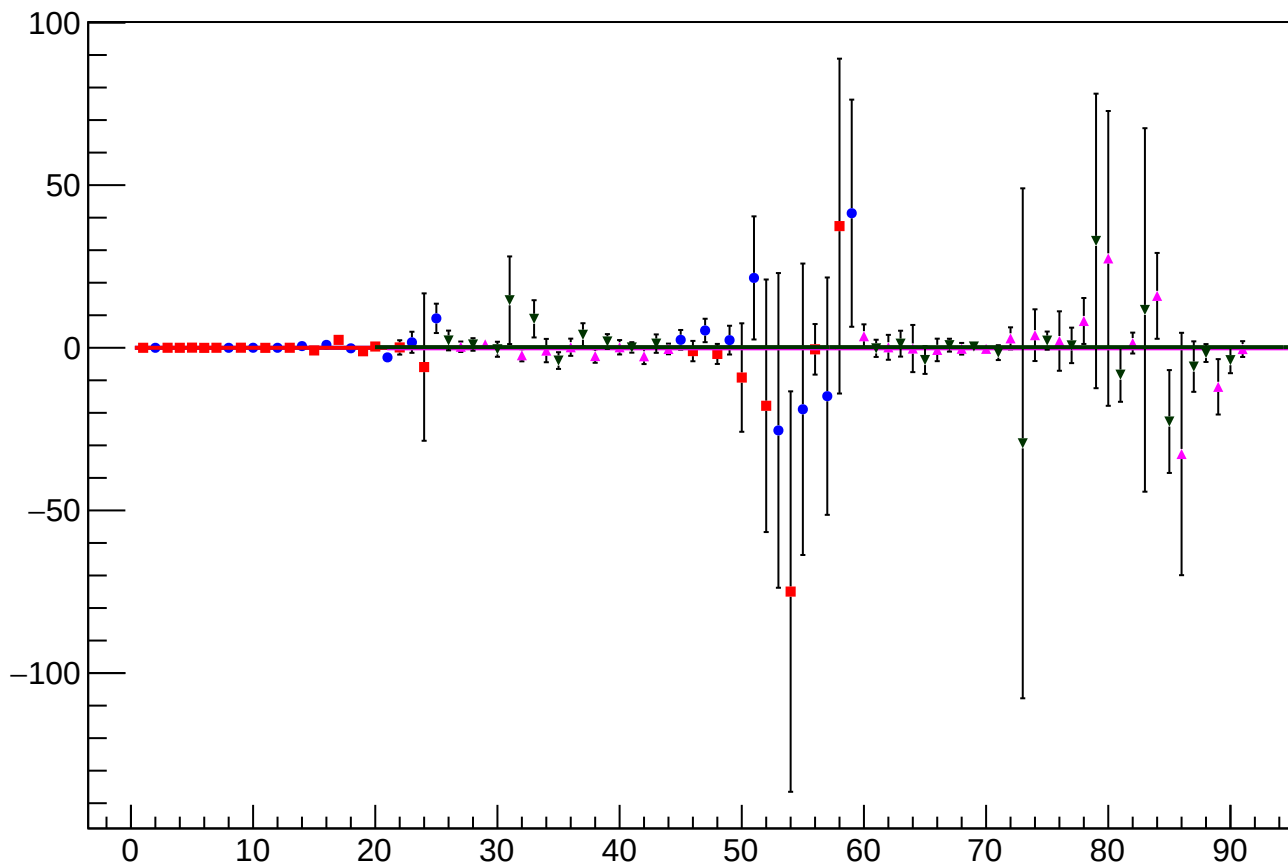
Left Out: 1106.643 $\pm$ 0.597 χ^2 /NDF: 5077062.9/25

23.045 $\pm$ 0.008 χ^2 /NDF: 24572169.4/90

Right Out: 22.899 $\pm$ 0.012 χ^2 /NDF: 5034220.9/21

Left In: 30.481 $\pm$ 0.051 χ^2 /NDF: 8326182.8/24

diff_cav4bY_mean vs slug



Right In: 0.000 $\pm$ 0.006 χ^2 /NDF: 22.7/17

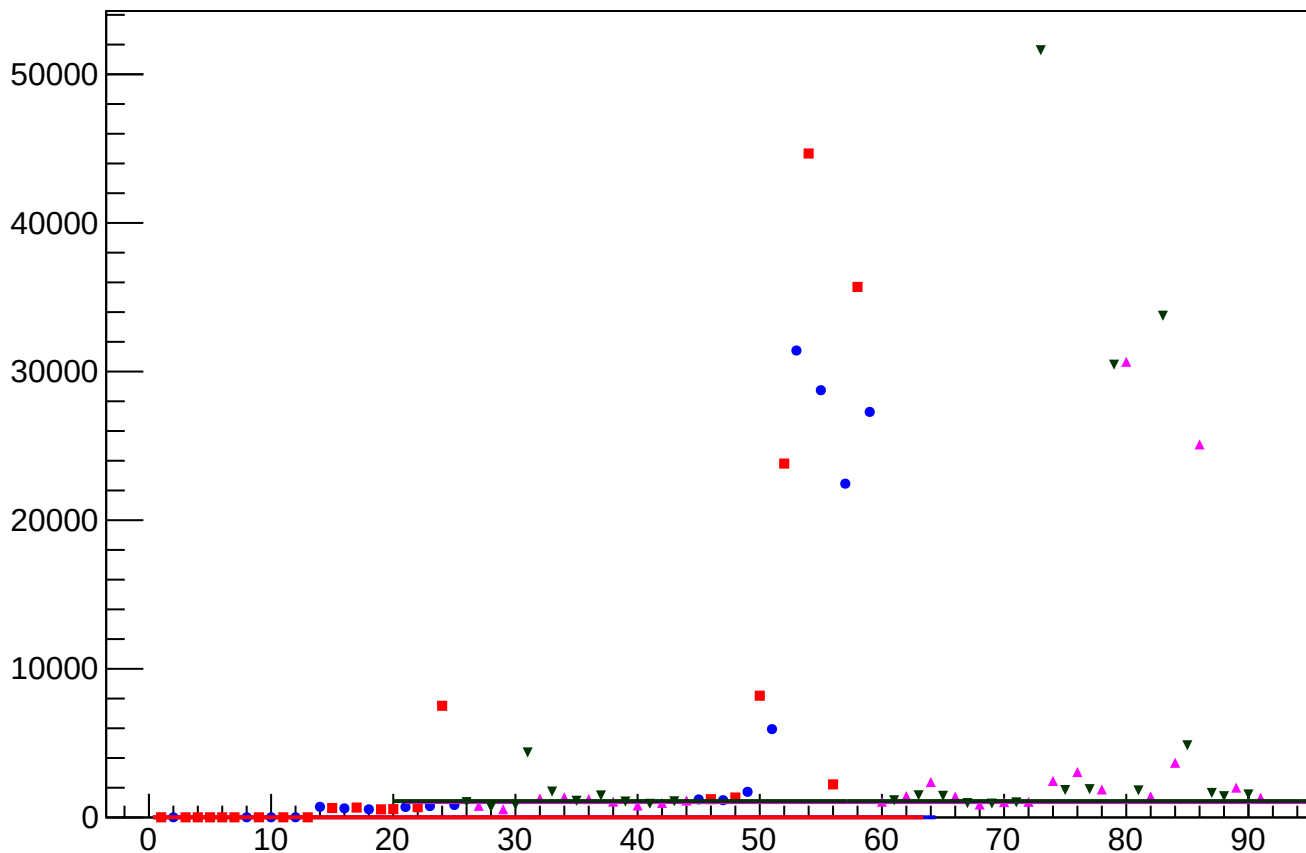
Left Out: 0.197 $\pm$ 0.564 χ^2 /NDF: 16.6/25

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

-0.001 $\pm$ 0.004 χ^2 /NDF: 73.0/90

diff_cav4bY_rms vs slug



Right In: 10.611+/-0.004 χ^2/NDF : 8500570.8/17

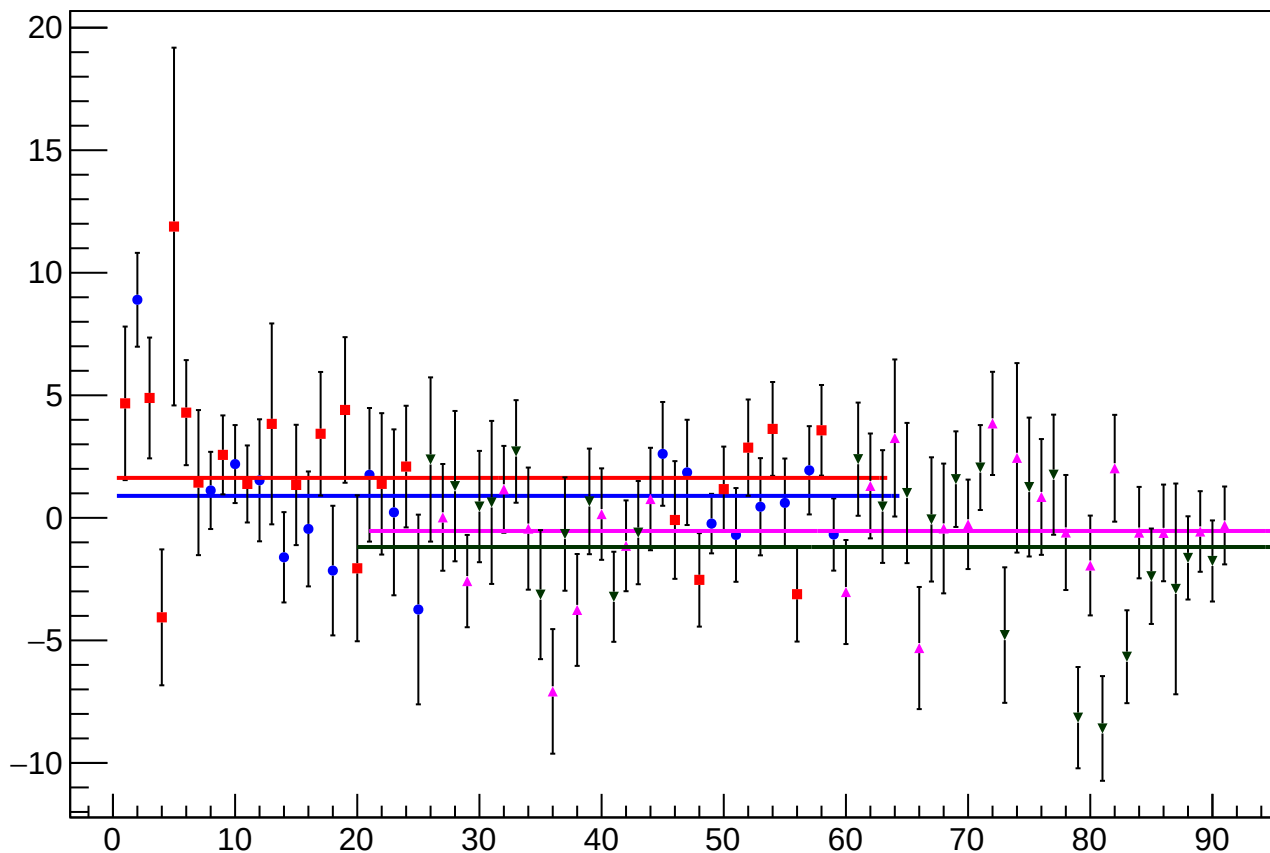
Left Out: 1101.448+/-0.399 χ^2/NDF : 3117866.7/25

Right Out: 9.972+/-0.003 χ^2/NDF : 6677883.5/21

Left In: 1032.970+/-0.358 χ^2/NDF : 2579273.5/24

10.338+/-0.003 χ^2/NDF : 36513851.7/90

diff_cav4cX_mean vs slug



Right In: 0.896 ± 0.454 χ^2/NDF : 27.3/17

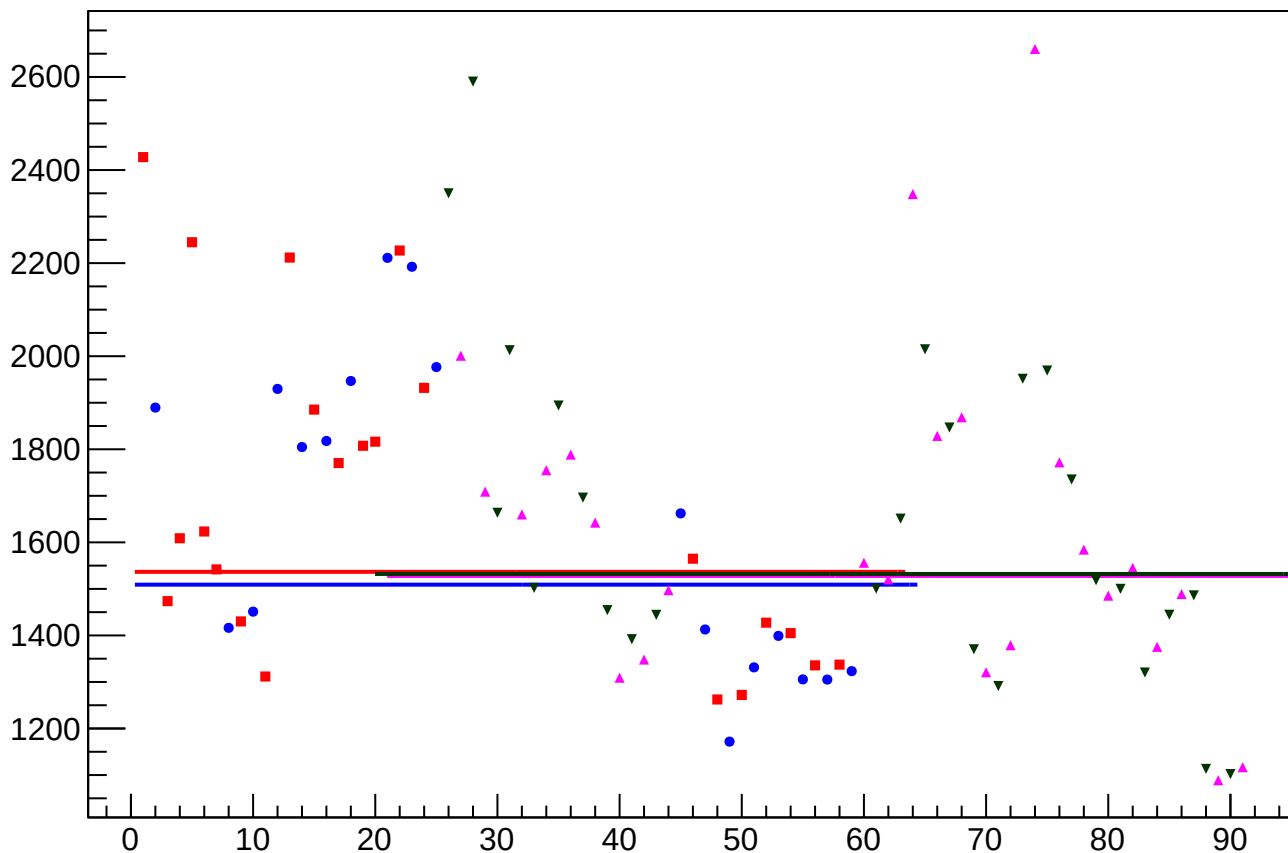
Left Out: -1.190 ± 0.438 χ^2/NDF : 51.5/25

Right Out: 1.630 ± 0.482 χ^2/NDF : 28.0/21

Left In: -0.536 ± 0.419 χ^2/NDF : 25.8/24

0.106 ± 0.223 χ^2/NDF : 156.7/90

diff_cav4cX_rms vs slug



Right In: 1509.099+/-0.321 χ^2/NDF : 804920.0/17

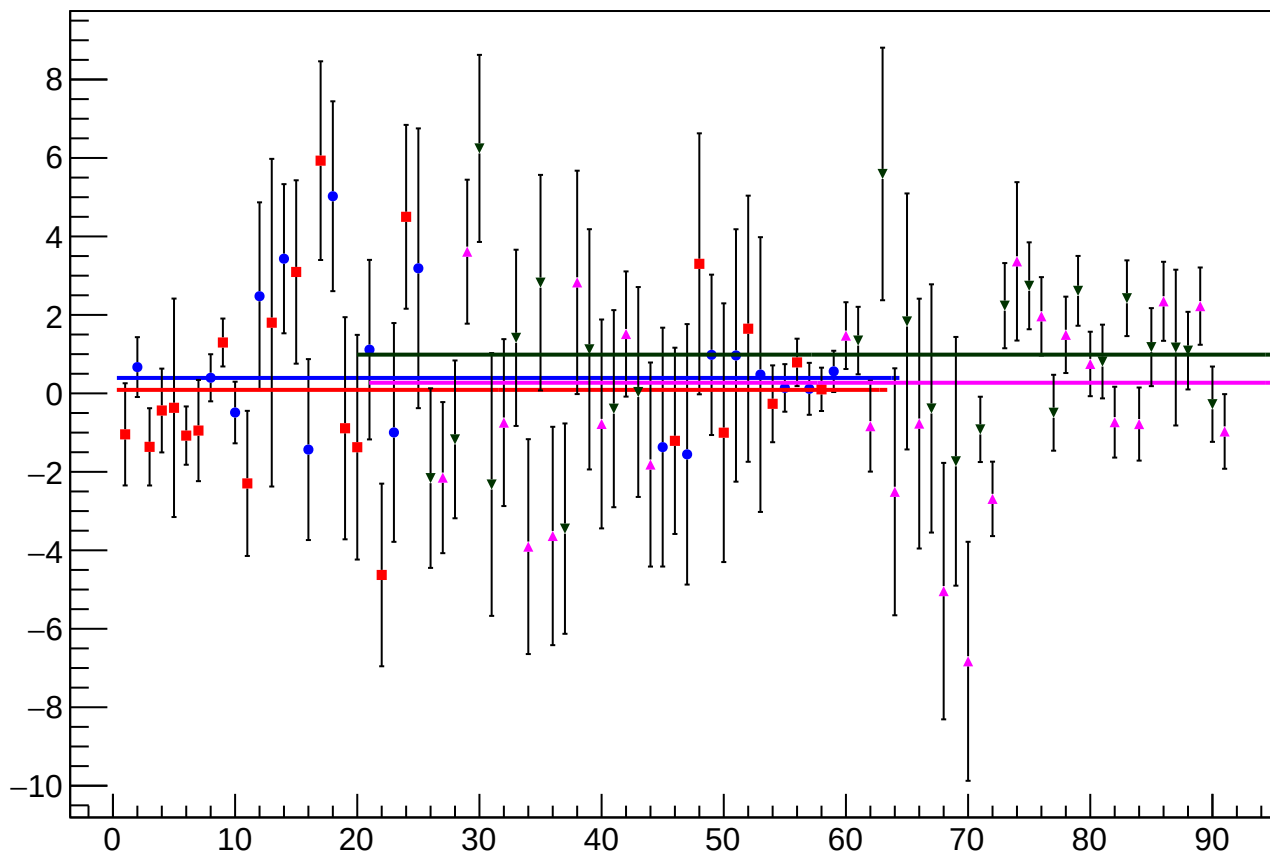
Left Out: 1532.113+/-0.310 χ^2/NDF : 1011396.3/25

Right Out: 1536.659+/-0.341 χ^2/NDF : 696394.8/21

Left In: 1527.852+/-0.297 χ^2/NDF : 928722.7/24

1526.303+/-0.158 χ^2/NDF : 3445612.2/90

diff_cav4cY_mean vs slug



Right In: 0.394 ± 0.246 χ^2/NDF : 11.2/17

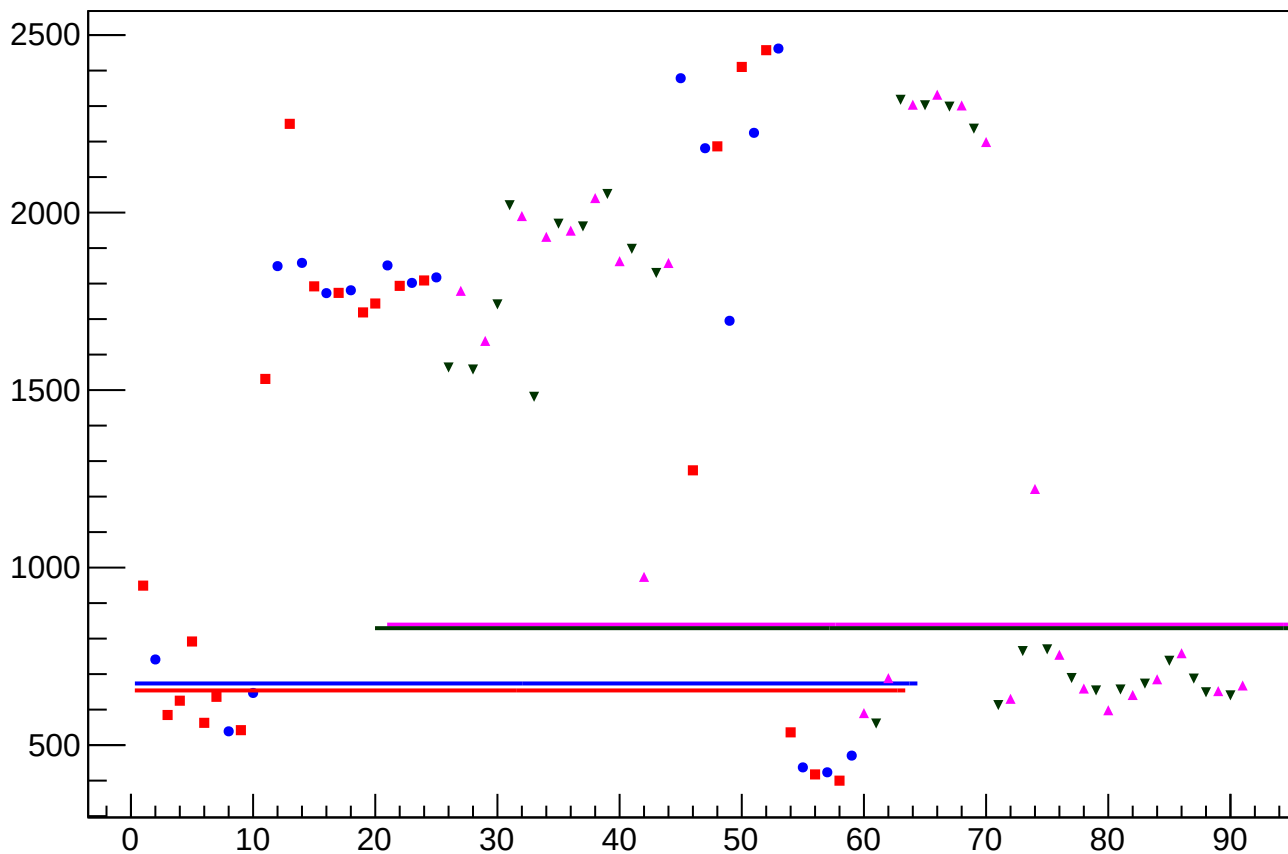
Left Out: 0.987 ± 0.264 χ^2/NDF : 34.5/25

Right Out: 0.089 ± 0.246 χ^2/NDF : 30.1/21

Left In: 0.271 ± 0.260 χ^2/NDF : 52.8/24

0.420 ± 0.127 χ^2/NDF : 135.4/90

diff_cav4cY_rms vs slug



Right In: 673.639+/-0.174 χ^2/NDF : 6730155.3/17

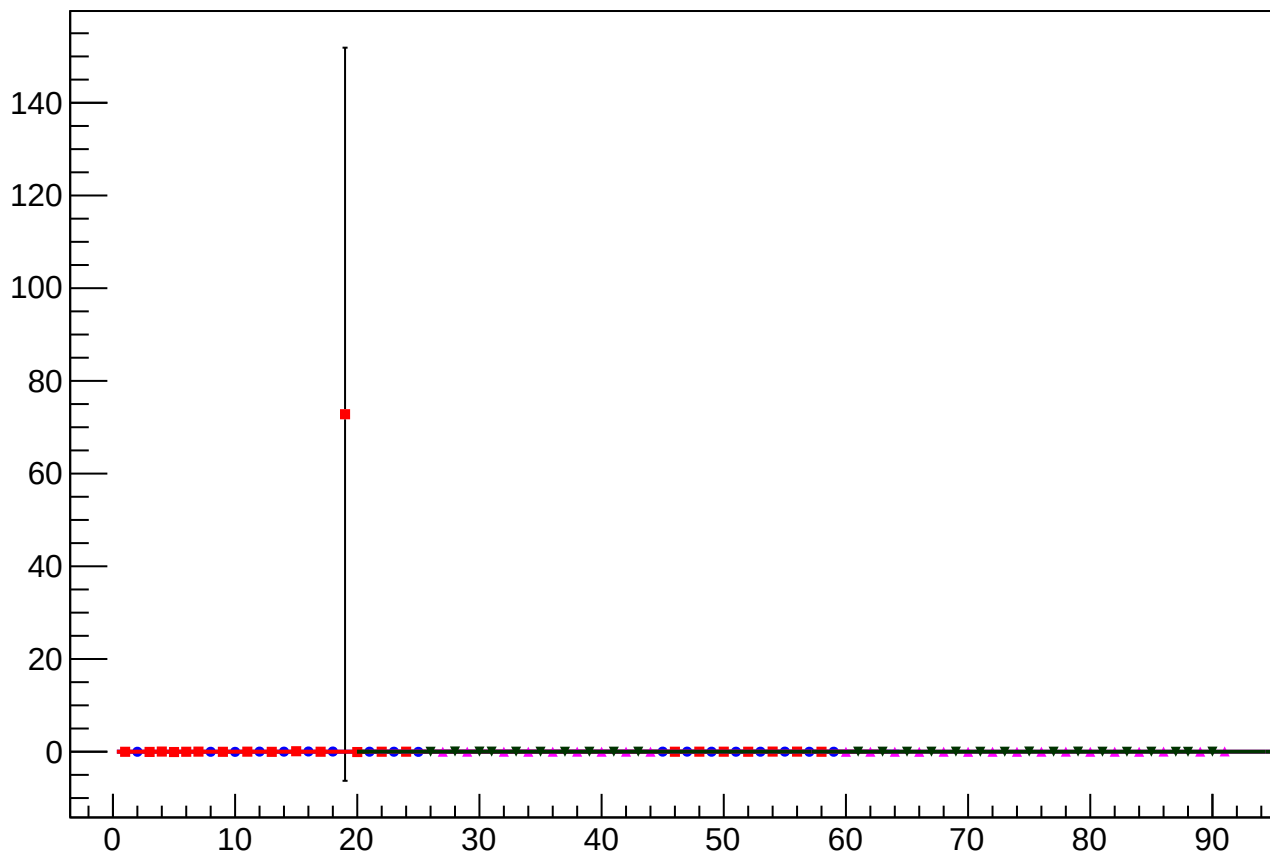
Left Out: 829.371+/-0.187 χ^2/NDF : 5259400.7/25

Right Out: 653.997+/-0.174 χ^2/NDF : 5815428.8/21

Left In: 839.365+/-0.184 χ^2/NDF : 5652796.2/24

743.690+/-0.090 χ^2/NDF : 24367363.4/90

diff_cav4dX_mean vs slug



Right In: -0.001 ± 0.004 χ^2/NDF : 13.2/17

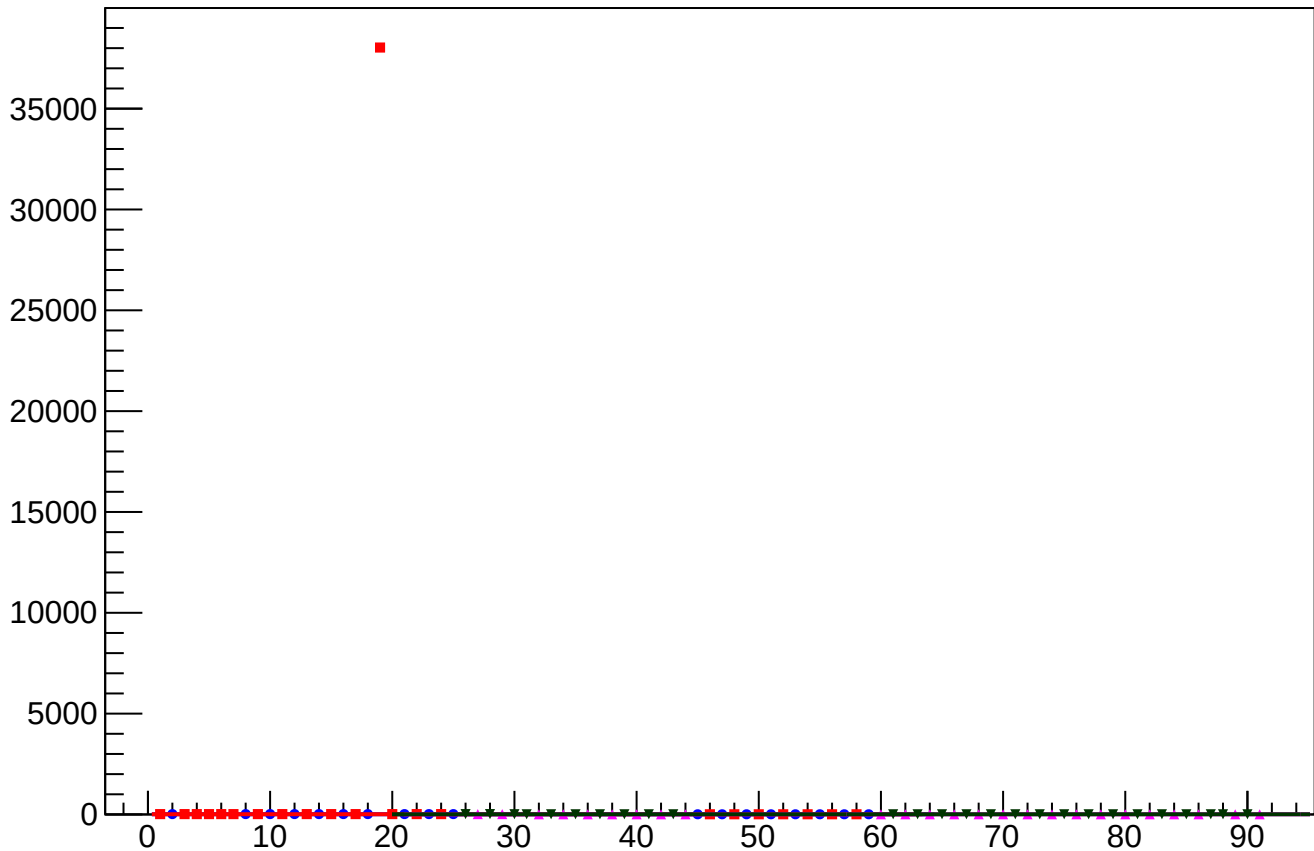
Left Out: 0.001 ± 0.003 χ^2/NDF : 22.2/25

Right Out: -0.001 ± 0.004 χ^2/NDF : 19.1/21

Left In: -0.001 ± 0.003 χ^2/NDF : 16.4/24

-0.001 ± 0.002 χ^2/NDF : 71.3/90

diff_cav4dX_rms vs slug



Right In: 10.725+/-0.003 χ^2/NDF : 208629.1/17

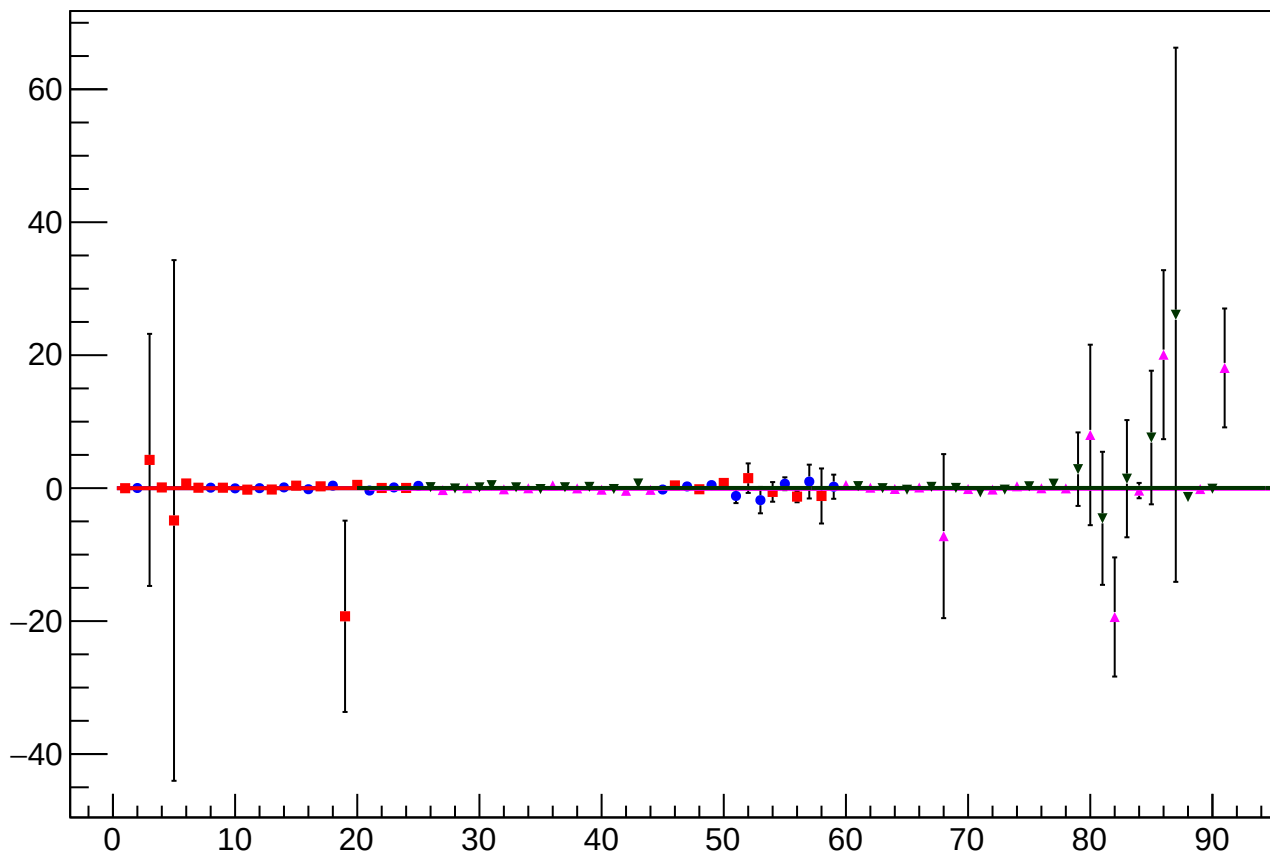
Left Out: 8.906+/-0.002 χ^2/NDF : 629761.3/25

9.605+/-0.001 χ^2/NDF : 6781084.8/90

Right Out: 11.395+/-0.003 χ^2/NDF : 2412226.5/21

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

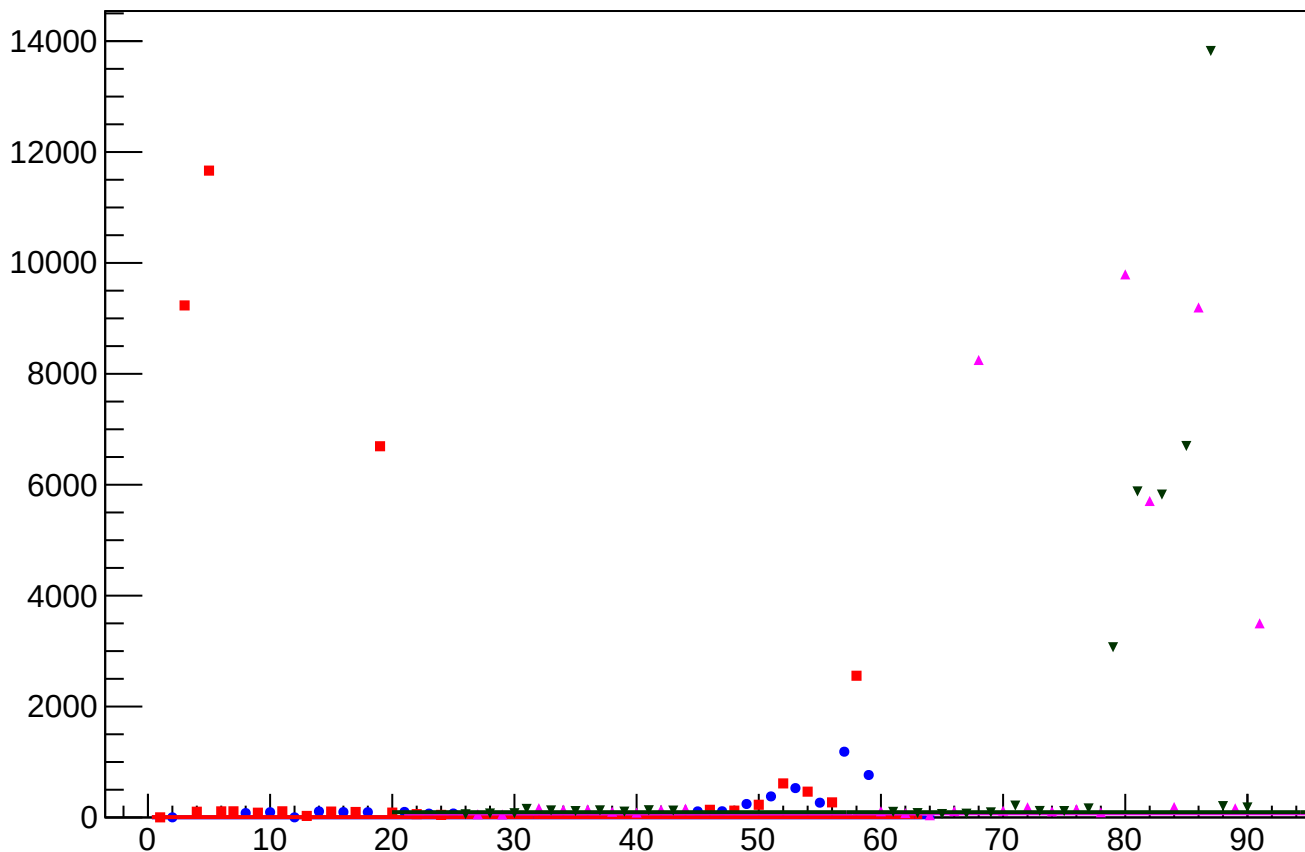
Left Out: 0.029 ± 0.044 χ^2/NDF : 32.2/25

Right Out: -0.008 ± 0.012 χ^2/NDF : 18.5/21

Left In: -0.098 ± 0.037 χ^2/NDF : 26.9/24

-0.003 ± 0.003 χ^2/NDF : 107.0/90

diff_cav4dY_rms vs slug



Right In: 2.175+/-0.002 χ^2/NDF : 8645588.2/17

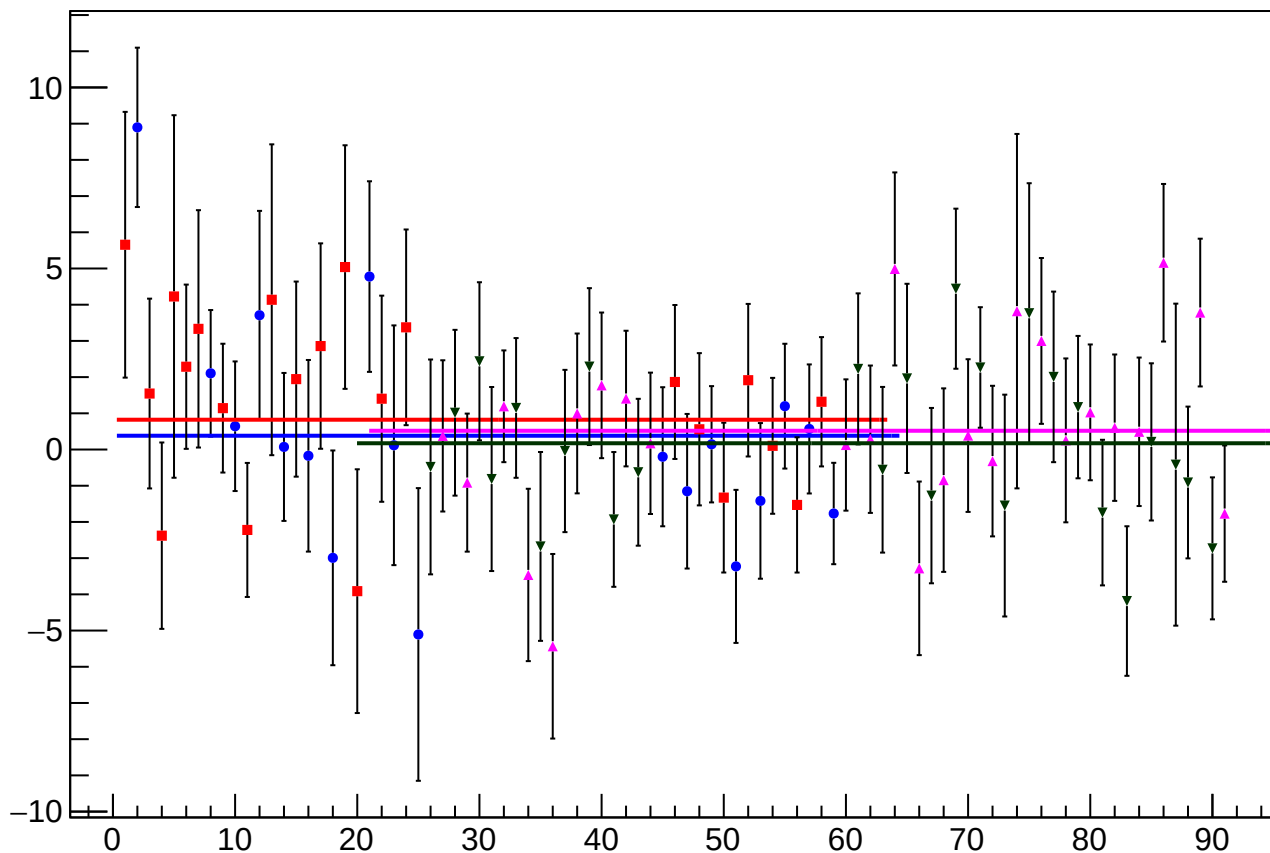
Left Out: 94.853+/-0.031 χ^2/NDF : 4092695.6/25

Right Out: 6.211+/-0.009 χ^2/NDF : 7134967.8/21

Left In: 73.222+/-0.026 χ^2/NDF : 6277638.6/24

3.253+/-0.002 χ^2/NDF : 42316361.4/90

diff_bpm4aX_mean vs slug



Right In: 0.381 ± 0.486 $\chi^2/\text{NDF}: 30.1/17$

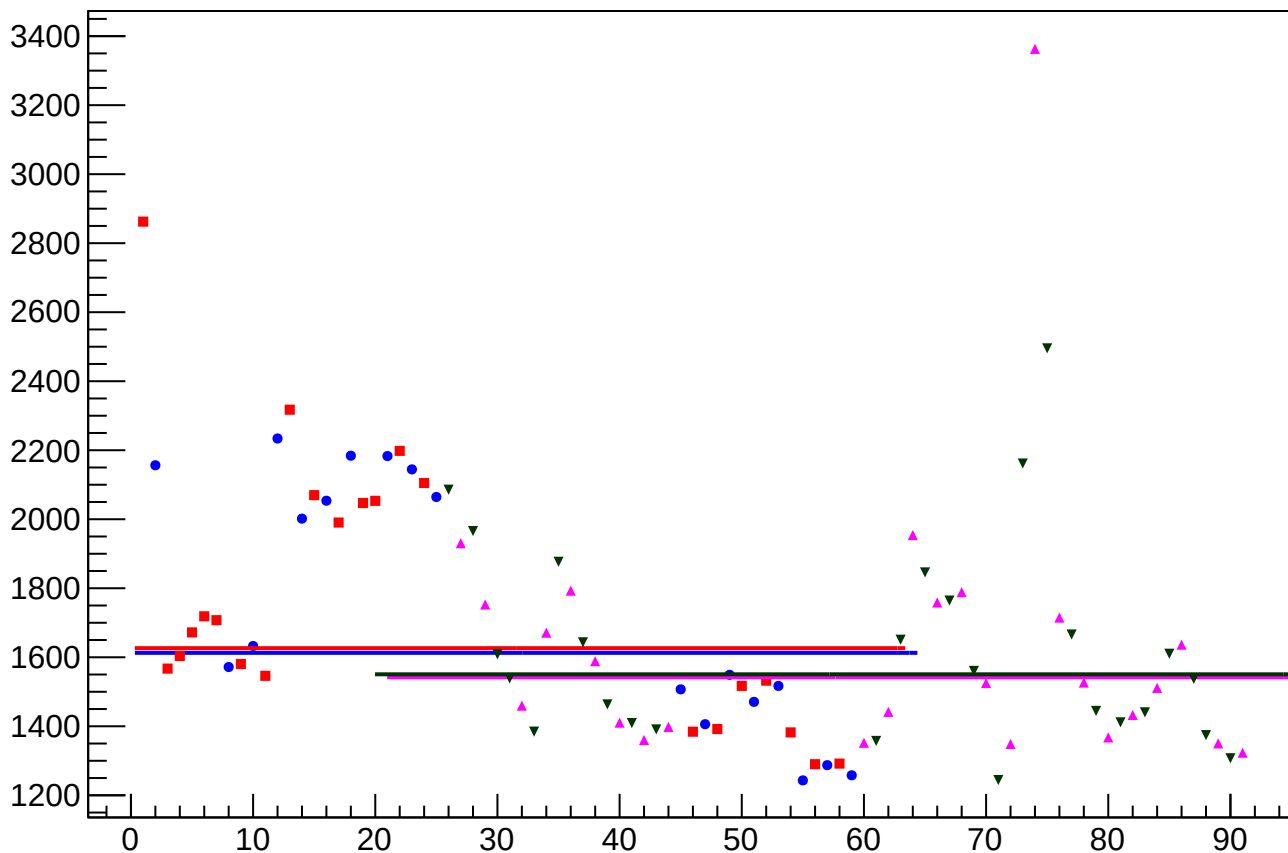
Left Out: 0.173 ± 0.439 $\chi^2/\text{NDF}: 22.5/25$

Right Out: 0.823 ± 0.510 $\chi^2/\text{NDF}: 16.7/21$

Left In: 0.518 ± 0.421 $\chi^2/\text{NDF}: 25.8/24$

0.455 ± 0.230 $\chi^2/\text{NDF}: 96.2/90$

diff_bpm4aX_rms vs slug



Right In: 1612.843 $\pm$ 0.343 χ^2 /NDF: 917187.2/17

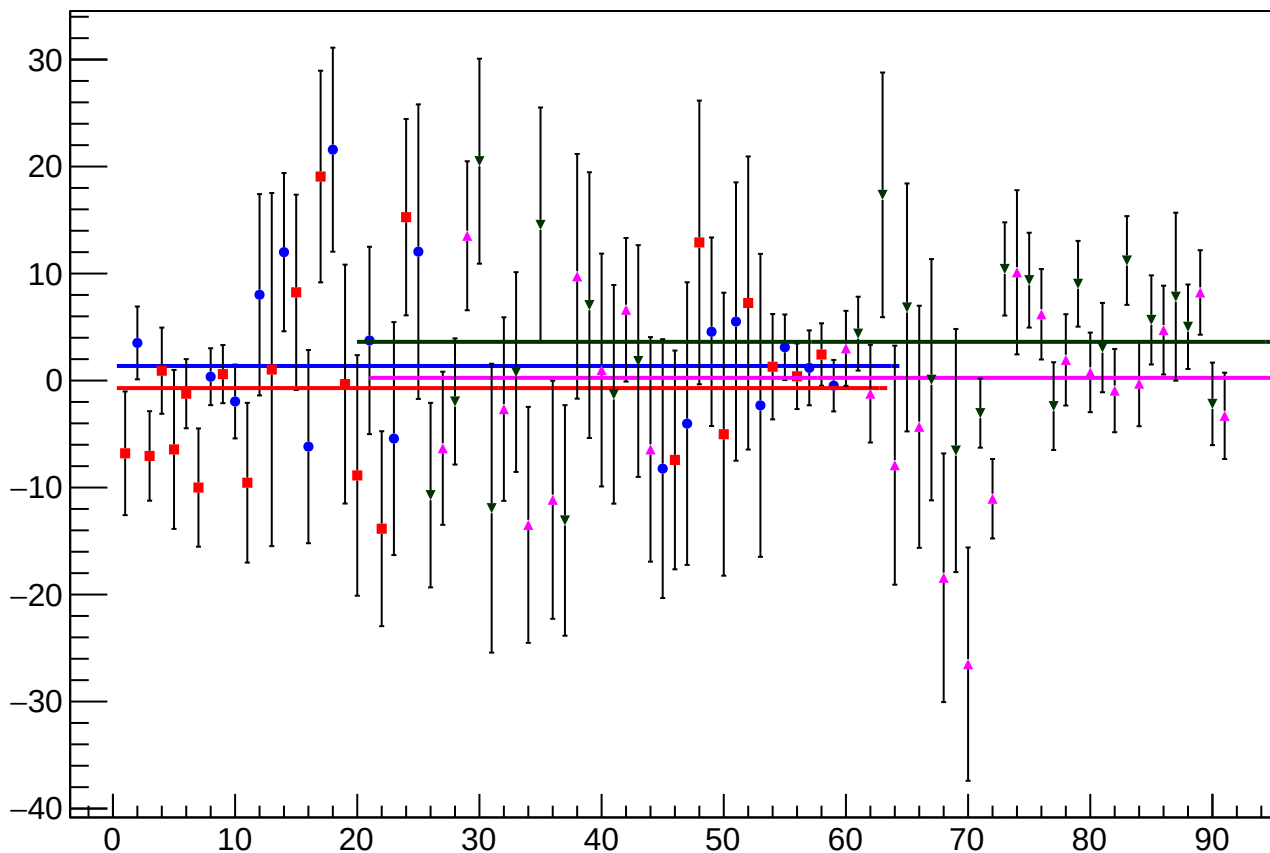
Left Out: 1550.604 $\pm$ 0.310 χ^2 /NDF: 629206.8/25

Right Out: 1626.390 $\pm$ 0.360 χ^2 /NDF: 812899.2/21

Left In: 1542.040 $\pm$ 0.297 χ^2 /NDF: 651384.8/24

1577.395 $\pm$ 0.163 χ^2 /NDF: 3061399.0/90

diff_bpm4aY_mean vs slug



Right In: 1.362 ± 1.126 $\chi^2/\text{NDF}: 12.3/17$

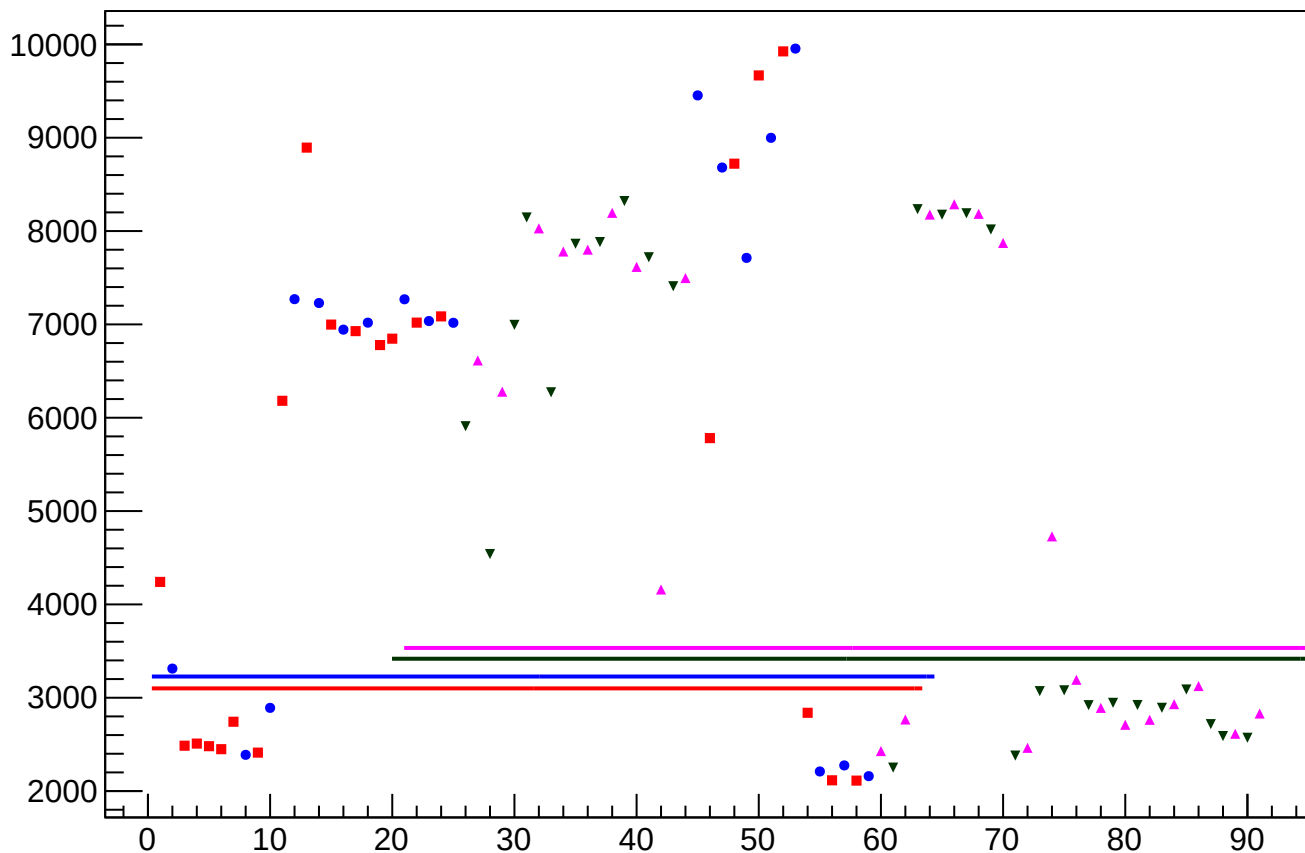
Left Out: 3.618 ± 1.073 $\chi^2/\text{NDF}: 33.0/25$

1.162 ± 0.548 $\chi^2/\text{NDF}: 115.2/90$

Right Out: -0.704 ± 1.114 $\chi^2/\text{NDF}: 22.7/21$

Left In: 0.252 ± 1.076 $\chi^2/\text{NDF}: 38.4/24$

diff_bpm4aY_rms vs slug



Right In: 3227.406+/-0.796 χ^2/NDF : 5649281.7/17

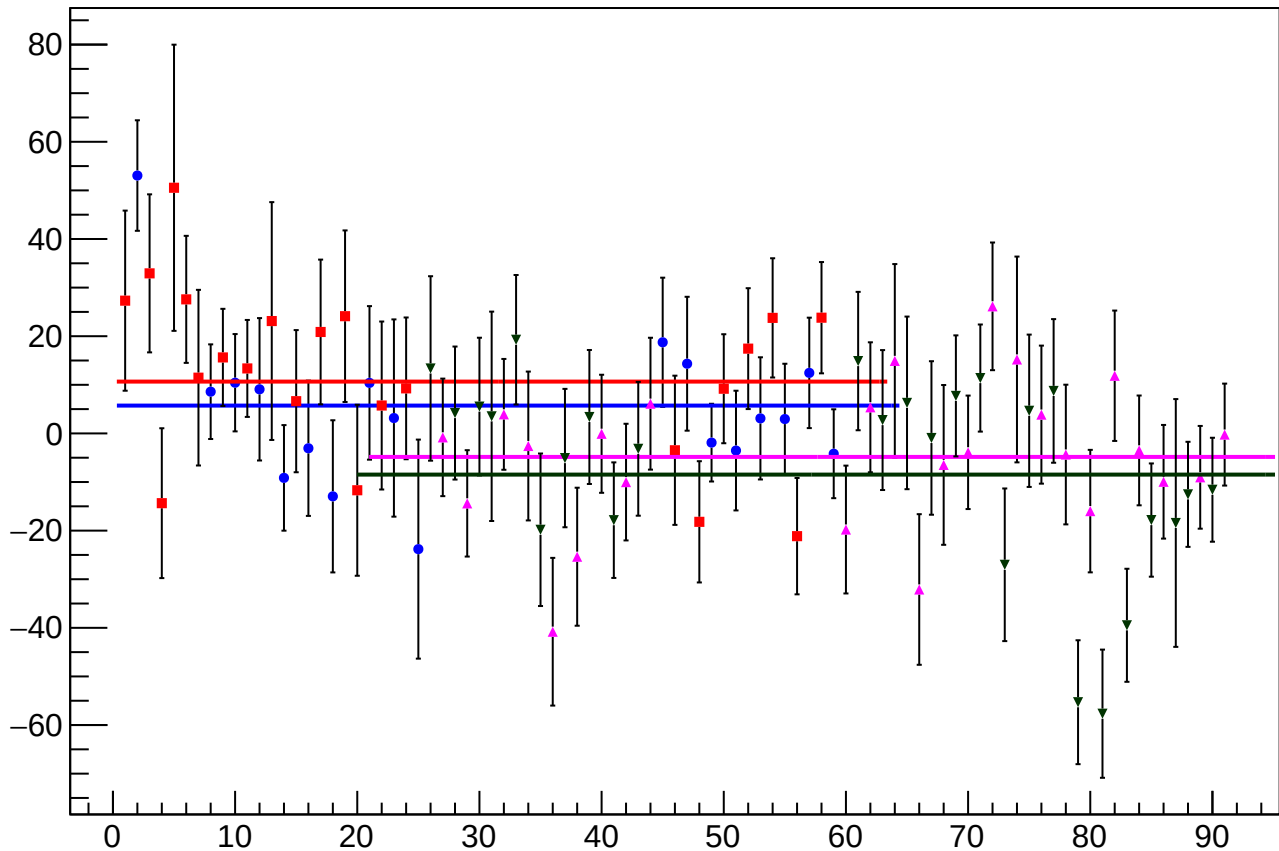
Left Out: 3417.943+/-0.759 χ^2/NDF : 4728661.2/25

Right Out: 3100.183+/-0.787 χ^2/NDF : 4763460.8/21

Left In: 3533.466+/-0.761 χ^2/NDF : 5012674.6/24

3325.776+/-0.388 χ^2/NDF : 20340718.6/90

diff_bpm4eX_mean vs slug



Right In: 5.725 ± 2.817 χ^2/NDF : 27.7/17

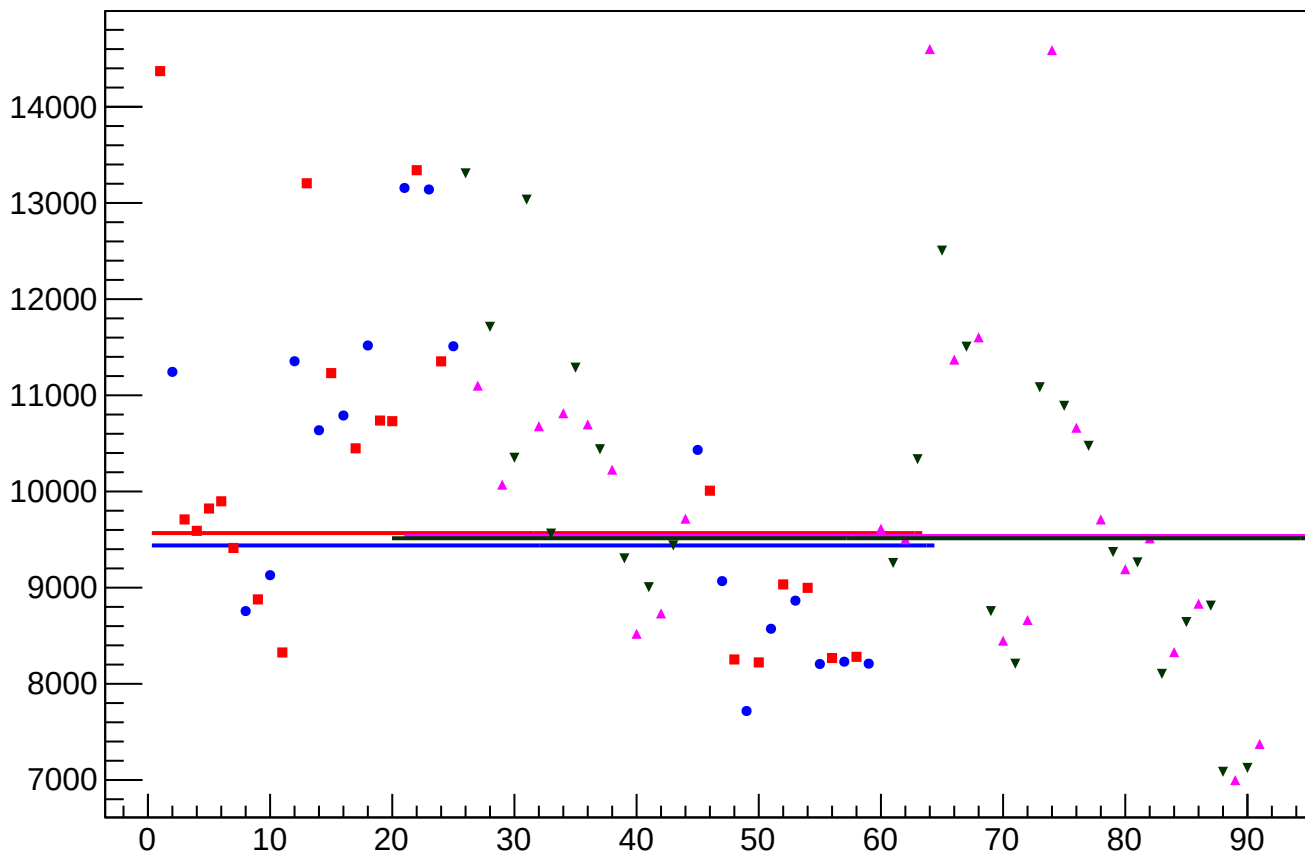
Left Out: -8.474 ± 2.698 χ^2/NDF : 58.1/25

0.088 ± 1.382 χ^2/NDF : 170.1/90

Right Out: 10.663 ± 2.978 χ^2/NDF : 28.3/21

Left In: -4.834 ± 2.603 χ^2/NDF : 25.9/24

diff_bpm4eX_rms vs slug



Right In: 9438.821 $\pm$ 1.992 χ^2 /NDF: 570730.1/17

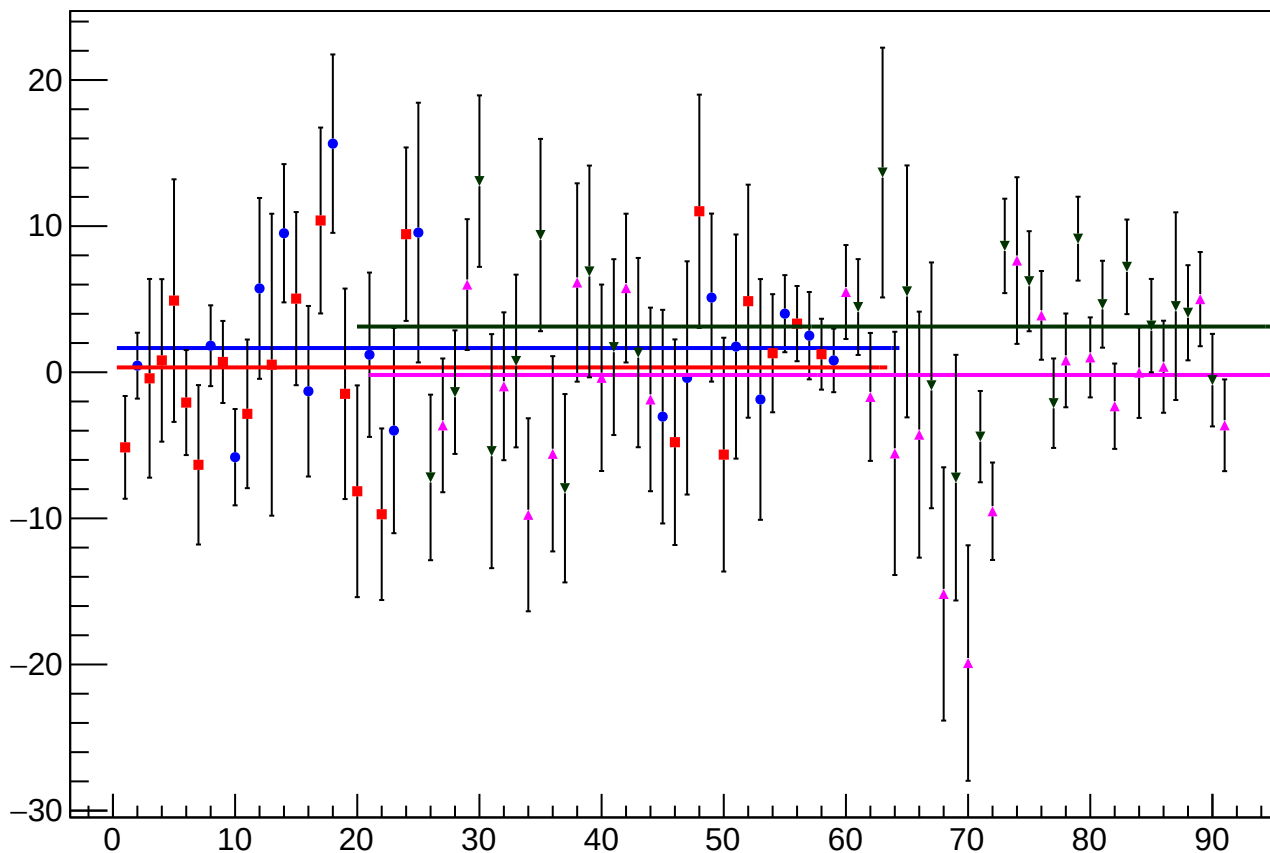
Left Out: 9513.587 $\pm$ 1.908 χ^2 /NDF:649112.9/25

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

9513.807 $\pm$ 0.977 χ^2 /NDF: 2413882.8/90

diff_bpm4eY_mean vs slug



Right In: 1.657 ± 0.923 $\chi^2/\text{NDF}: 17.6/17$

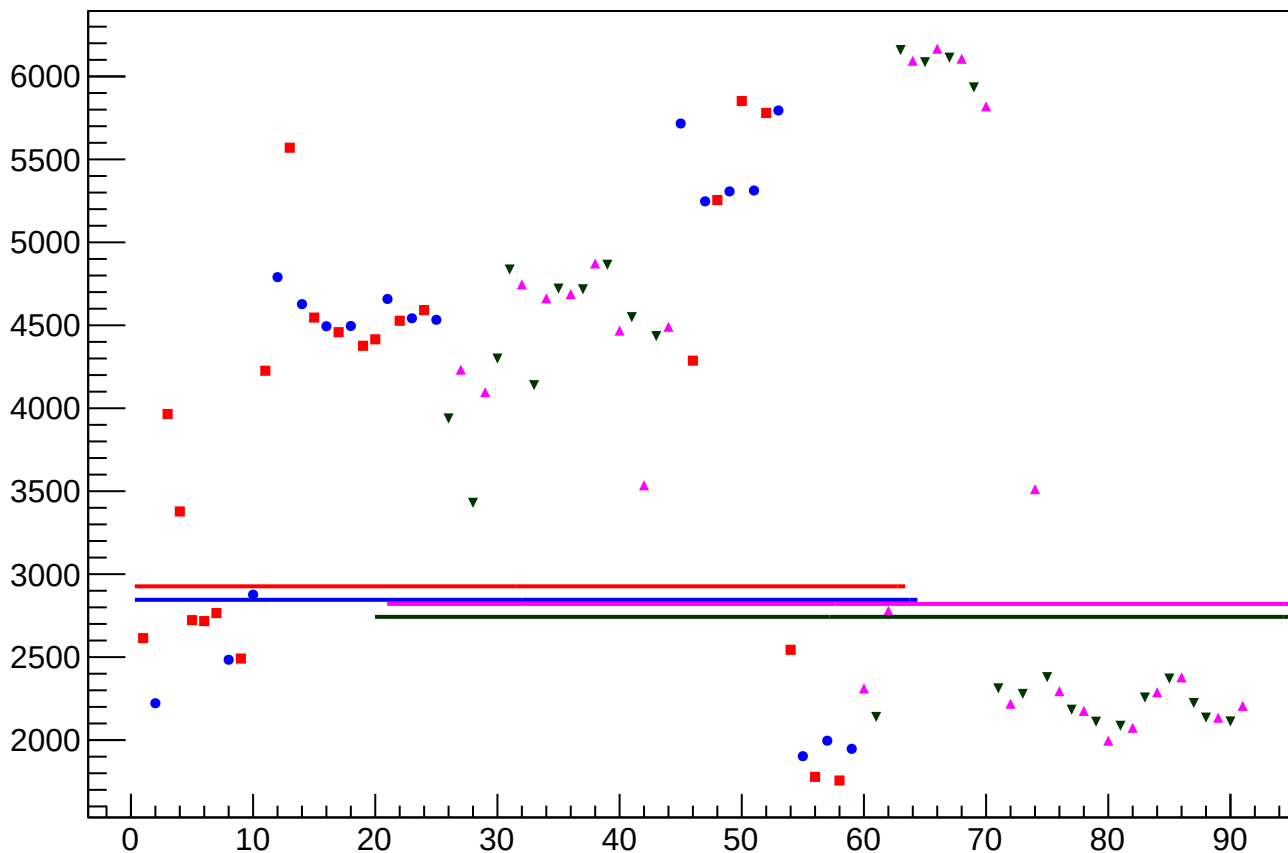
Left Out: 3.127 ± 0.827 $\chi^2/\text{NDF}: 36.6/25$

Right Out: 0.332 ± 0.984 $\chi^2/\text{NDF}: 19.7/21$

Left In: -0.186 ± 0.823 $\chi^2/\text{NDF}: 36.6/24$

1.280 ± 0.441 $\chi^2/\text{NDF}: 119.8/90$

diff_bpm4eY_rms vs slug



Right In: 2845.375 $\pm$ 0.652 χ^2 /NDF: 3448867.1/17

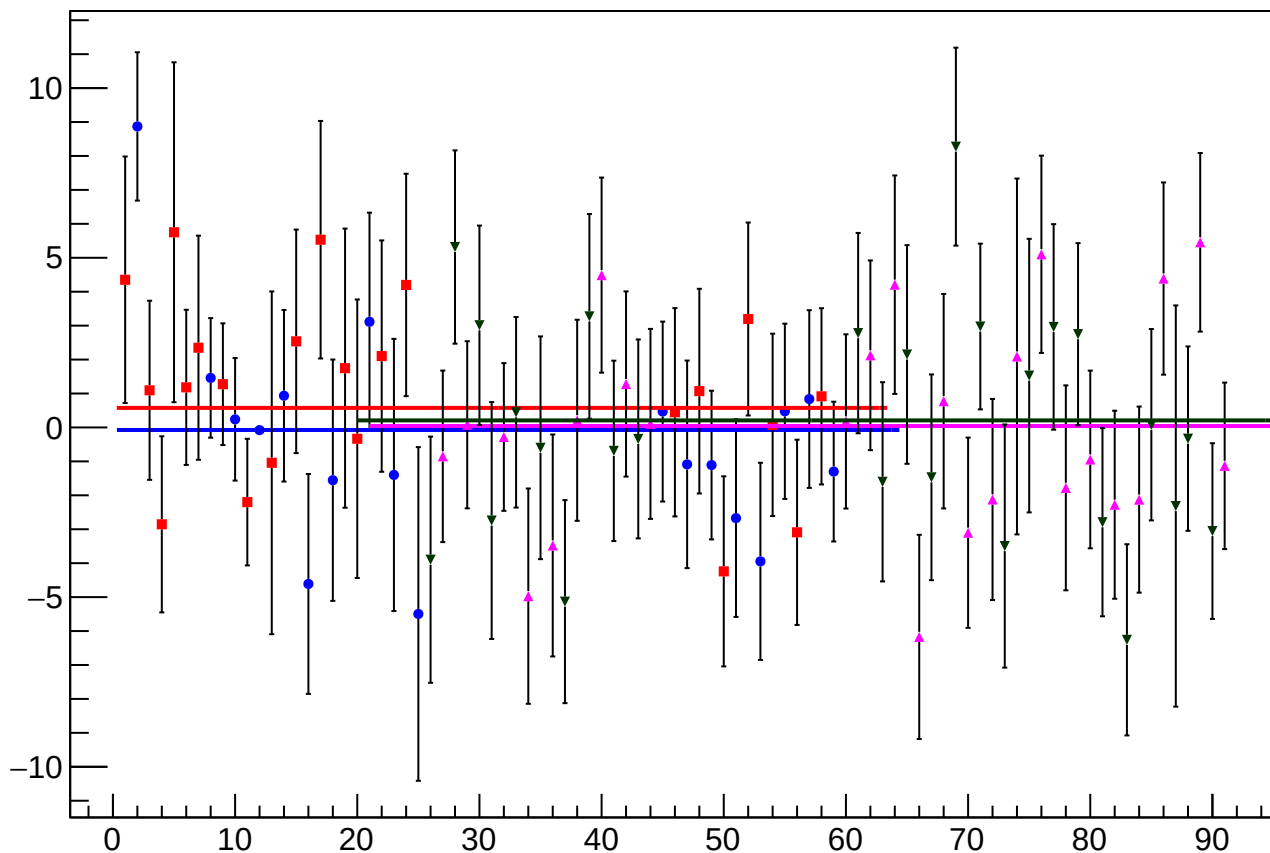
Left Out: 2742.674 $\pm$ 0.585 χ^2 /NDF: 3282439.9/25

Right Out: 2926.706 $\pm$ 0.696 χ^2 /NDF: 2781833.9/21

Left In: 2820.814 $\pm$ 0.582 χ^2 /NDF: 3504572.3/24

2825.471 $\pm$ 0.312 χ^2 /NDF: 13059945.6/90

diff_bpm4acX_mean vs slug



Right In: -0.075 ± 0.060 $\chi^2/\text{NDF}: 25.6/17$

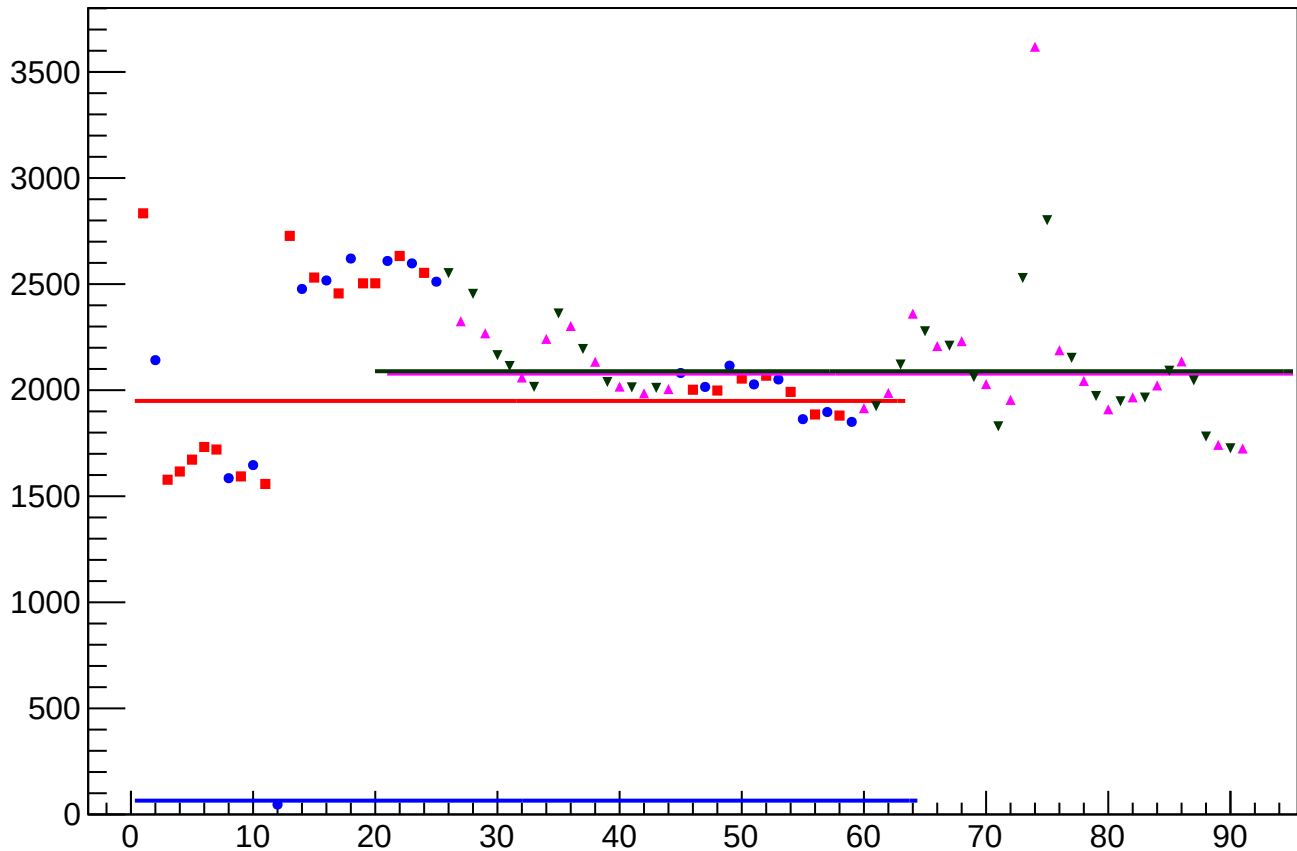
Left Out: 0.208 ± 0.587 $\chi^2/\text{NDF}: 32.5/25$

Right Out: 0.576 ± 0.610 $\chi^2/\text{NDF}: 16.4/21$

Left In: 0.042 ± 0.563 $\chi^2/\text{NDF}: 26.6/24$

-0.064 ± 0.059 $\chi^2/\text{NDF}: 102.4/90$

diff_bpm4acX_rms vs slug



Right In: 65.169+/-0.042 χ^2/NDF : 20574675.5/17

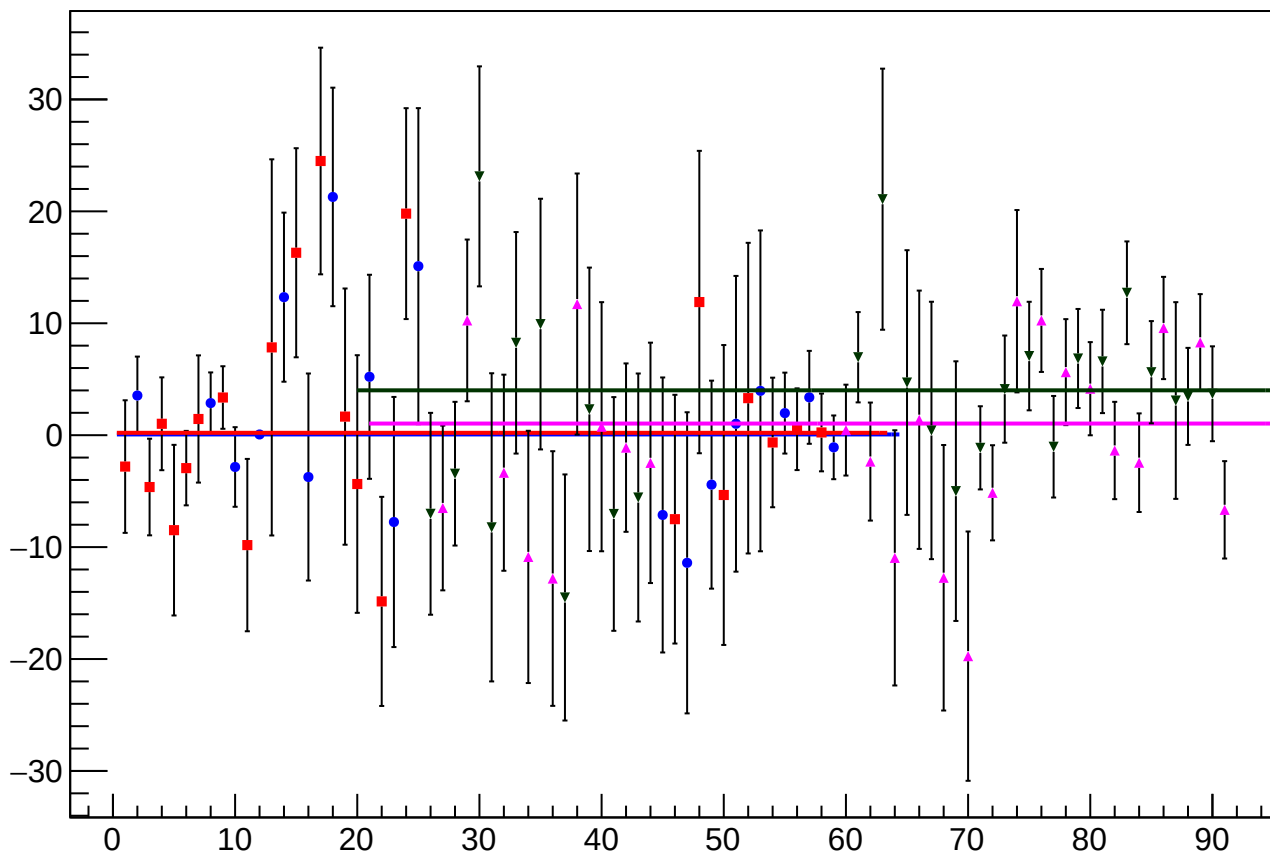
Left Out: 2089.300+/-0.415 χ^2/NDF : 298643.4/25

Right Out: 1949.284+/-0.431 χ^2/NDF : 774847.1/21

Left In: 2077.982+/-0.398 χ^2/NDF : 352366.3/24

125.597+/-0.042 χ^2/NDF : 88361878.8/90

diff_bpm4acY_mean vs slug



Right In: 0.067 $\pm$ 0.052 χ^2 /NDF: 14.7/17

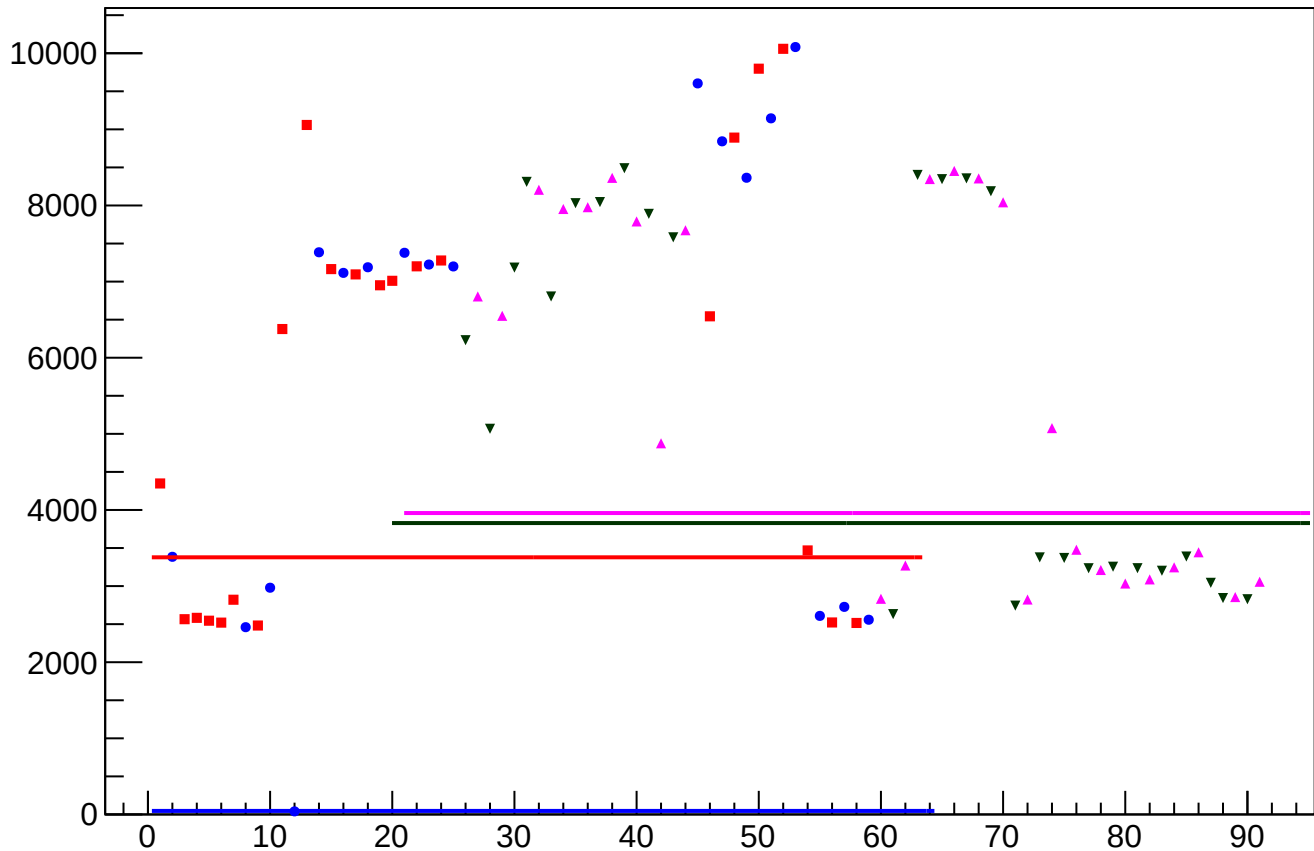
Left Out: 4.009 $\pm$ 1.182 χ^2 /NDF: 24.0/25

Right Out: 0.212 $\pm$ 1.197 χ^2 /NDF: 24.3/21

Left In: 1.039 $\pm$ 1.184 χ^2 /NDF: 32.8/24

0.076 $\pm$ 0.052 χ^2 /NDF: 107.5/90

diff_bpm4acY_rms vs slug



Right In: 46.508+/-0.037 χ^2/NDF : 20531728.1/17

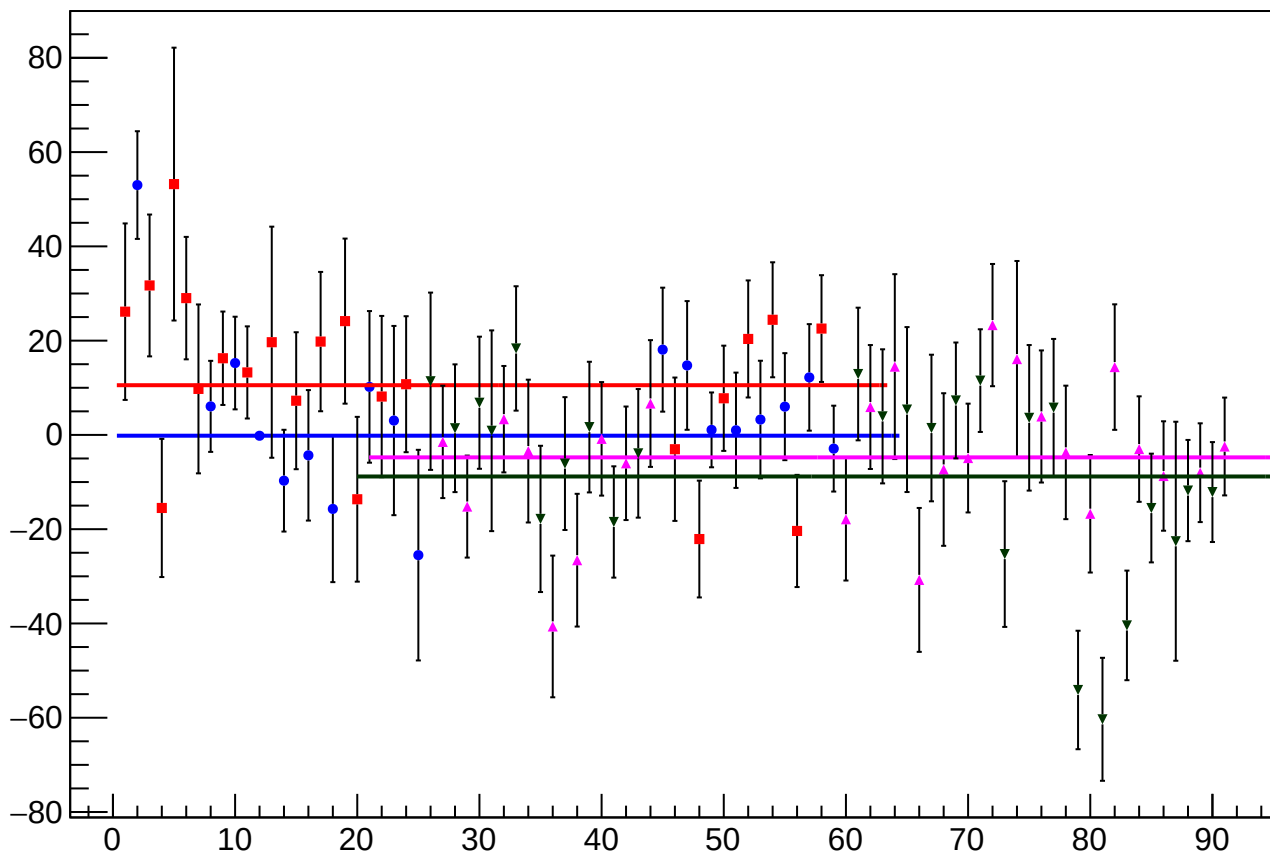
Left Out: 3828.049+/-0.836 χ^2/NDF : 4182613.0/25

67.610+/-0.037 χ^2/NDF : 91022631.4/90

Right Out: 3378.042+/-0.846 χ^2/NDF : 4432935.1/21

Left In: 3959.661+/-0.837 χ^2/NDF : 4375530.9/24

diff_bpm4ecX_mean vs slug



Right In: -0.168 ± 0.106 χ^2/NDF : 33.0/17

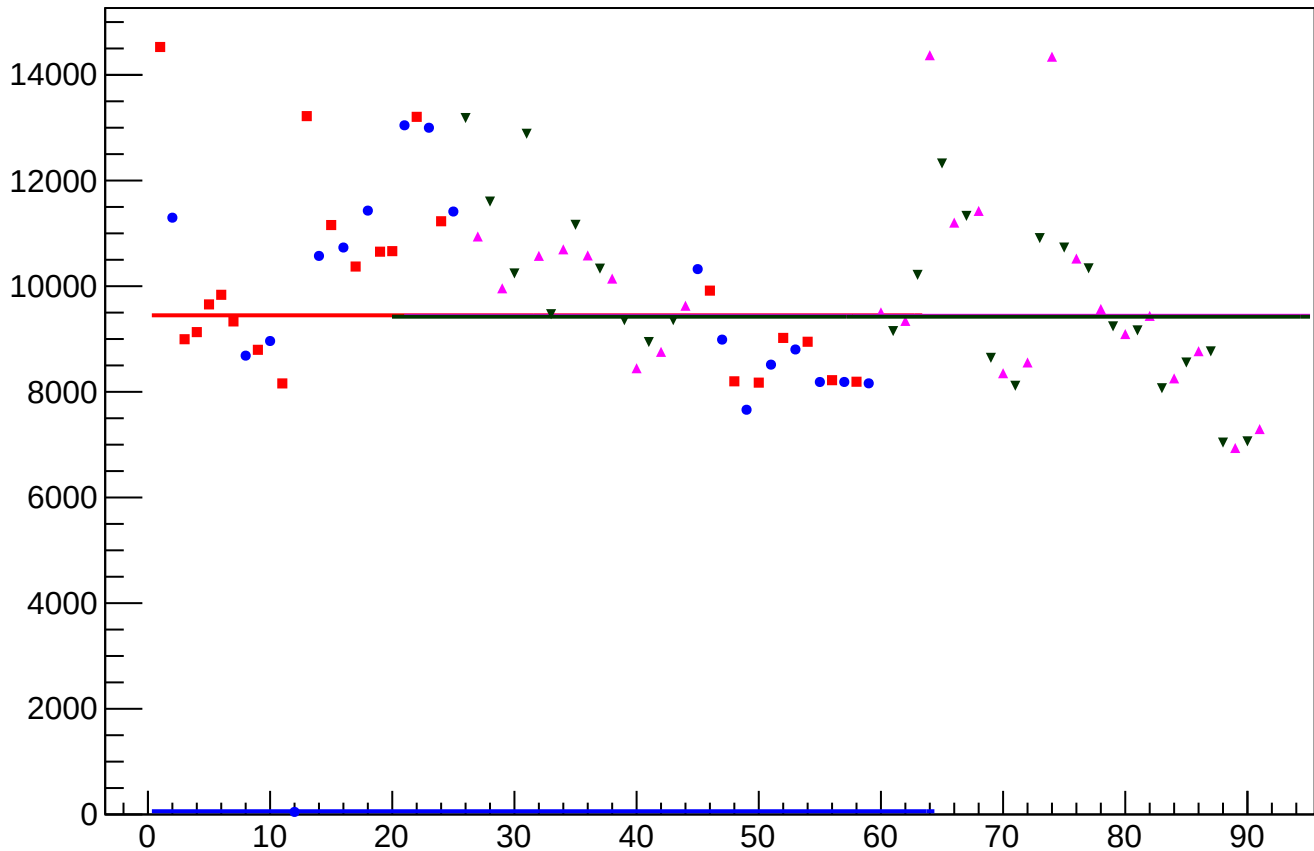
Left Out: -8.819 ± 2.672 χ^2/NDF : 58.2/25

Right Out: 10.545 ± 2.943 χ^2/NDF : 31.2/21

Left In: -4.764 ± 2.576 χ^2/NDF : 25.4/24

-0.175 ± 0.106 χ^2/NDF : 174.6/90

diff_bpm4ecX_rms vs slug



Right In: 60.895 $\pm$ 0.075 χ^2 /NDF: 21491426.8/17

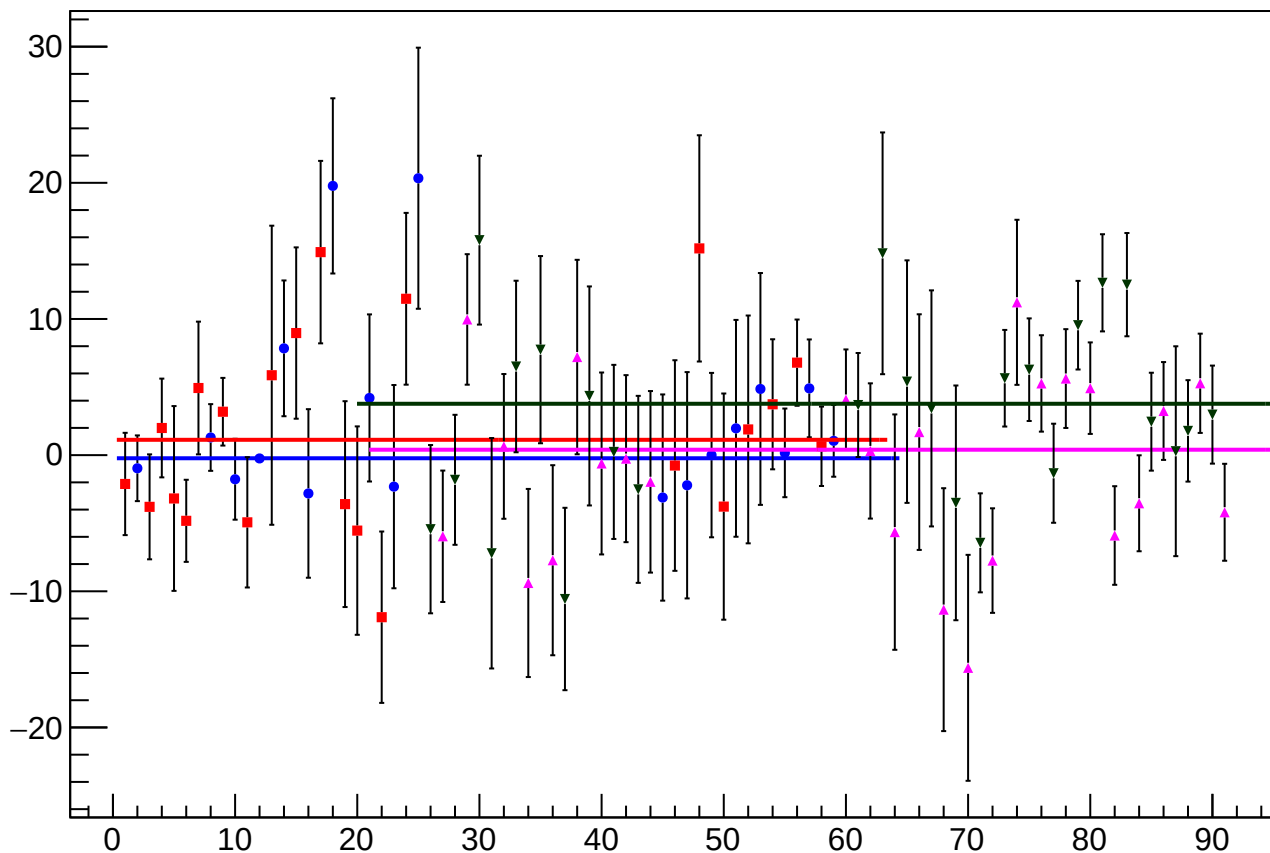
Left Out: 9422.985 $\pm$ 1.890 χ^2 /NDF: 636567.1/25

Right Out: 9448.725 $\pm$ 2.081 χ^2 /NDF: 524290.1/21

Left In: 9439.883 $\pm$ 1.821 χ^2 /NDF: 671191.1/24

103.879 $\pm$ 0.075 χ^2 /NDF: 94413926.0/90

diff_bpm4ecY_mean vs slug



Right In: -0.229 ± 0.090 χ^2/NDF : 21.4/17

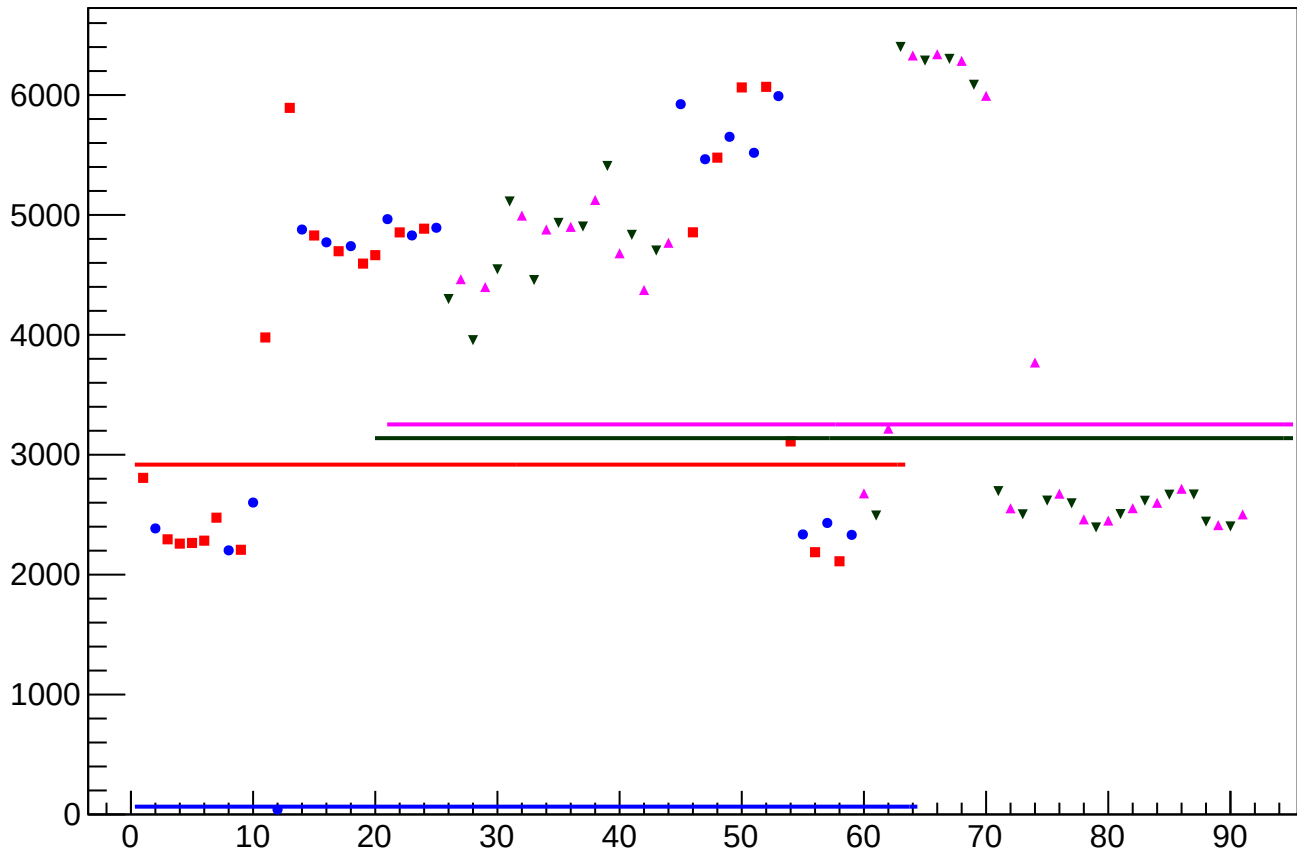
Left Out: 3.773 ± 0.934 χ^2/NDF : 43.5/25

Right Out: 1.126 ± 0.973 χ^2/NDF : 30.5/21

Left In: 0.398 ± 0.932 χ^2/NDF : 38.9/24

-0.176 ± 0.089 χ^2/NDF : 154.8/90

diff_bpm4ecY_rms vs slug



Right In: 65.054+/-0.064 χ^2/NDF : 20626525.3/17

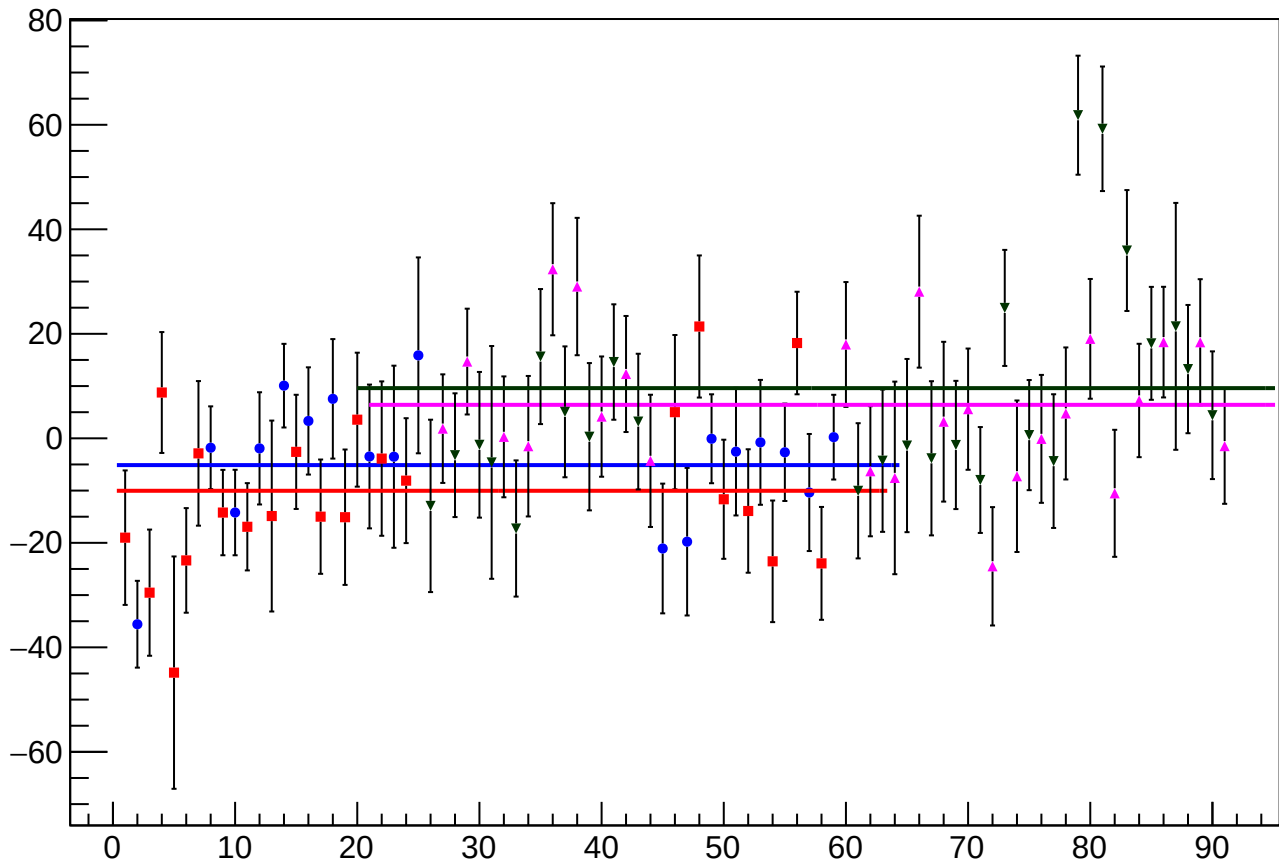
Left Out: 3138.356+/-0.660 χ^2/NDF : 2762555.2/25

Right Out: 2917.550+/-0.688 χ^2/NDF : 2712363.0/21

Left In: 3252.972+/-0.659 χ^2/NDF : 2808516.6/24

145.181+/-0.063 χ^2/NDF : 89506842.4/90

diff_bpm1X_mean vs slug



Right In: -5.123 ± 2.411 χ^2/NDF : 25.7/17

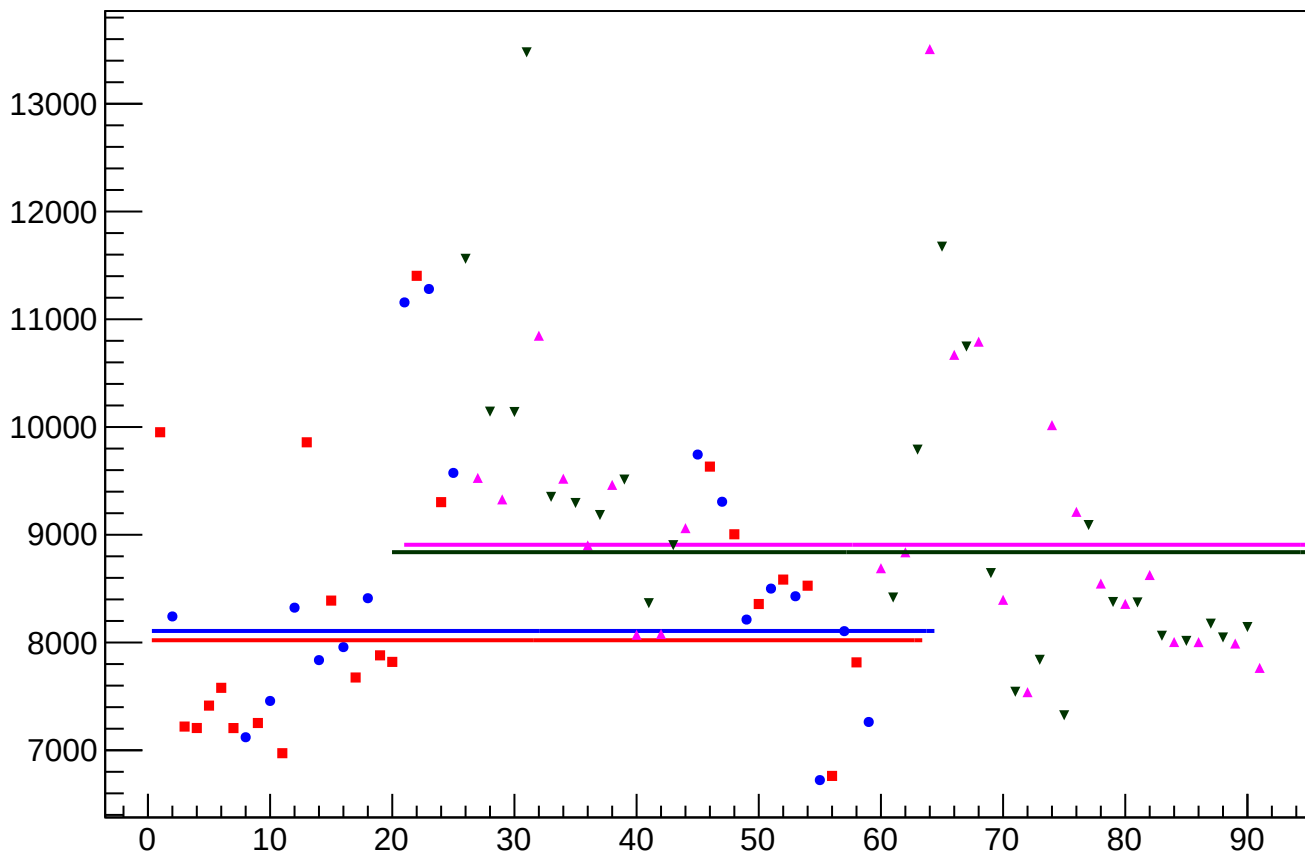
Left Out: 9.606 ± 2.496 χ^2/NDF : 66.5/25

0.206 ± 1.226 χ^2/NDF : 195.1/90

Right Out: -10.038 ± 2.488 χ^2/NDF : 31.2/21

Left In: 6.409 ± 2.417 χ^2/NDF : 29.1/24

diff_bpm1X_rms vs slug



Right In: 8107.224+/-1.705 χ^2/NDF : 344830.4/17

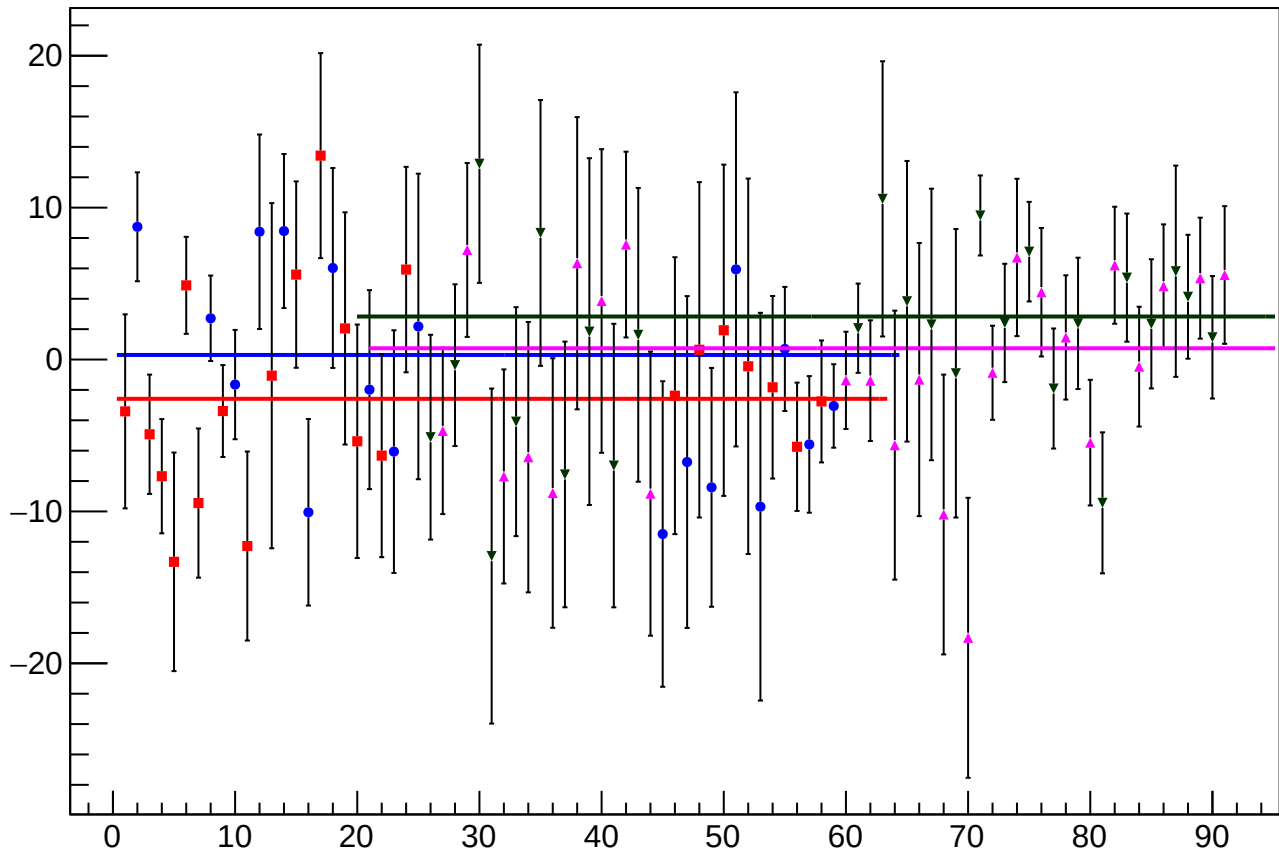
Left Out: 8838.523+/-1.765 χ^2/NDF : 436985.1/25

Right Out: 8021.051+/-1.760 χ^2/NDF : 356333.3/21

Left In: 8907.198+/-1.709 χ^2/NDF : 396439.4/24

8468.659+/-0.867 χ^2/NDF : 1753988.2/90

diff_bpm1Y_mean vs slug



Right In: 0.301 ± 1.168 $\chi^2/\text{NDF}: 22.2/17$

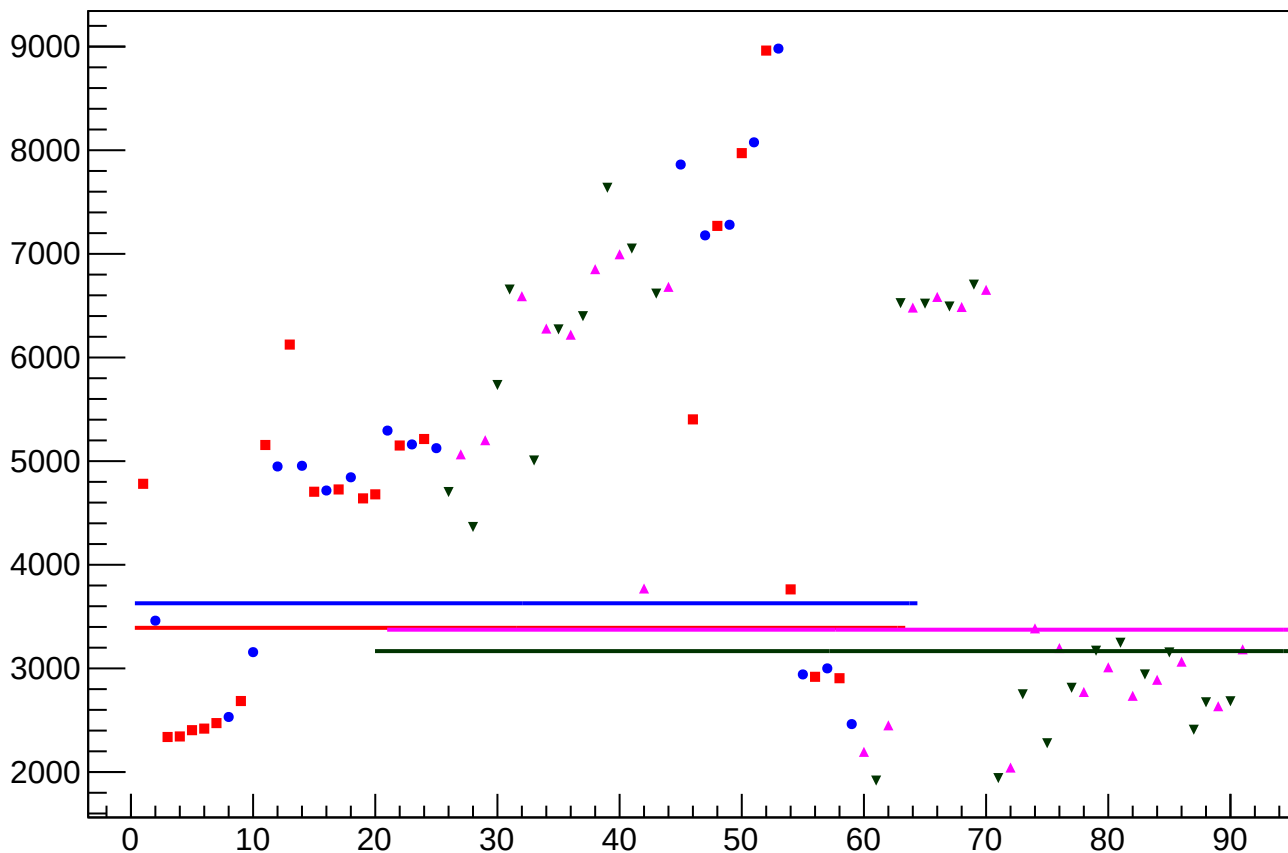
Left Out: 2.832 ± 0.981 $\chi^2/\text{NDF}: 27.5/25$

0.541 ± 0.532 $\chi^2/\text{NDF}: 113.3/90$

Right Out: -2.586 ± 1.140 $\chi^2/\text{NDF}: 25.0/21$

Left In: 0.742 ± 1.001 $\chi^2/\text{NDF}: 25.5/24$

diff_bpm1Y_rms vs slug



Right In: 3628.463 $\pm$ 0.826 χ^2 /NDF: 3038635.0/17

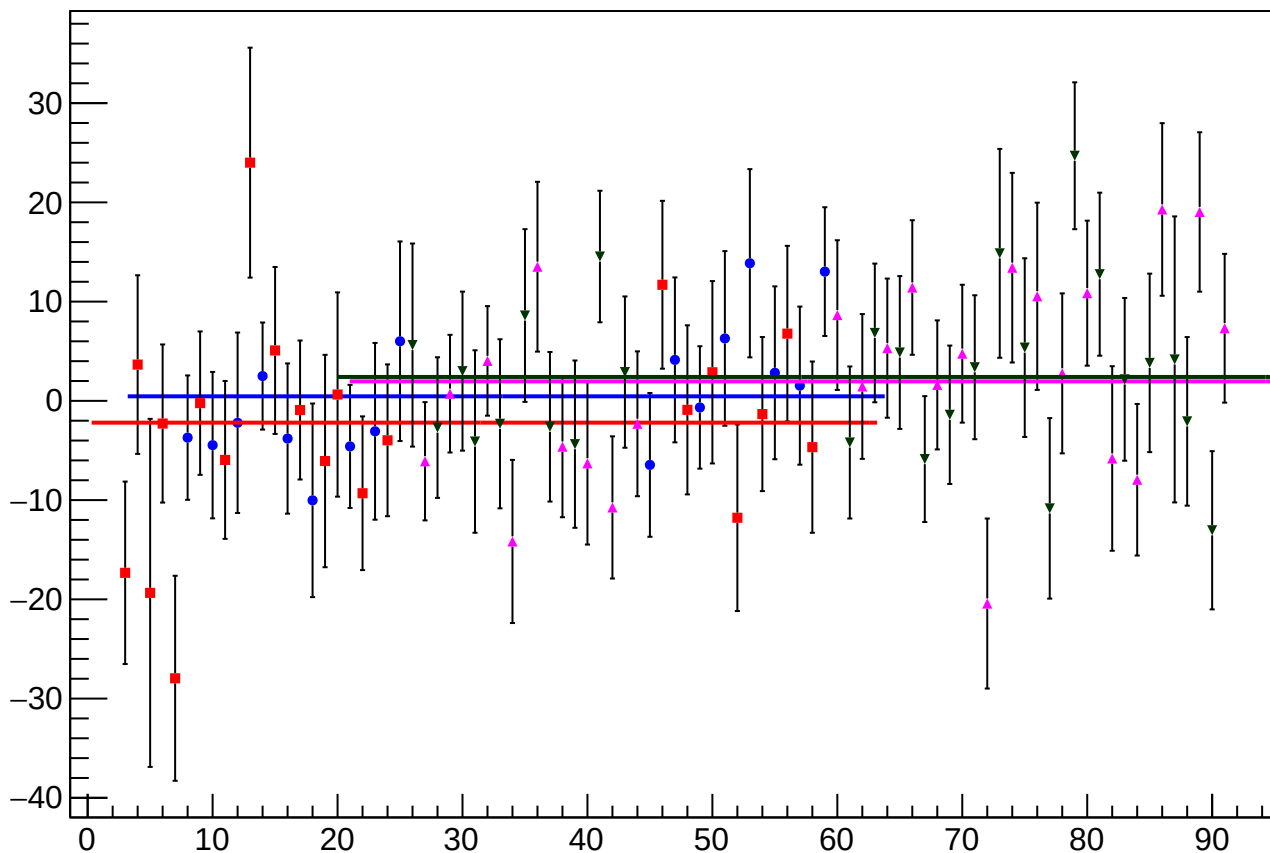
Left Out: 3166.914 $\pm$ 0.694 χ^2 /NDF:4331220.7/25

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

3369.572 $\pm$ 0.376 χ^2 /NDF: 14331320.0/90

diff_bpm11X_mean vs slug



Right In: 0.456 ± 1.816 $\chi^2/\text{NDF}: 11.1/16$

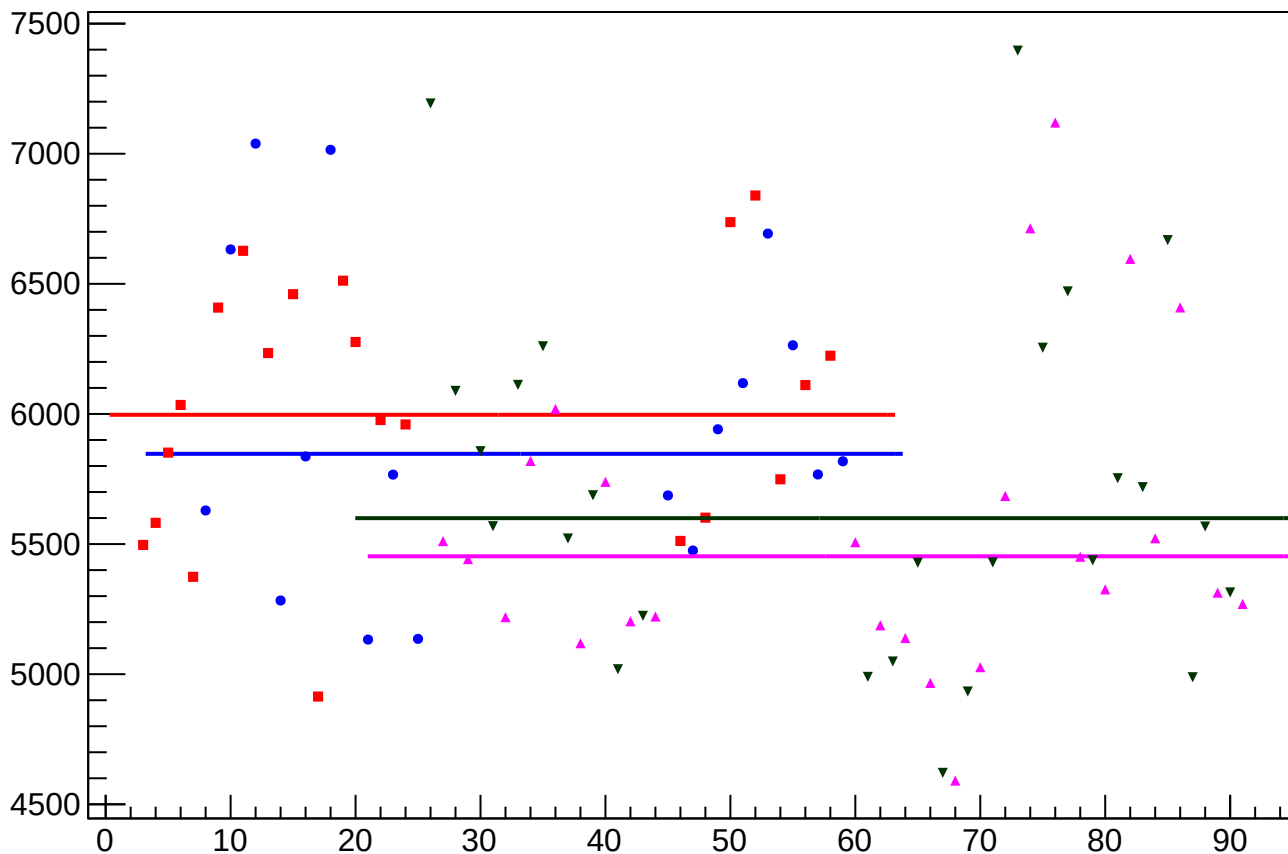
Left Out: 2.409 ± 1.576 $\chi^2/\text{NDF}: 28.0/25$

Right Out: -2.194 ± 1.906 $\chi^2/\text{NDF}: 22.8/20$

Left In: 1.963 ± 1.476 $\chi^2/\text{NDF}: 38.1/24$

0.976 ± 0.833 $\chi^2/\text{NDF}: 104.2/88$

diff_bpm11X_rms vs slug



Right In: 5846.756+/-1.284 χ^2/NDF : 174773.9/16

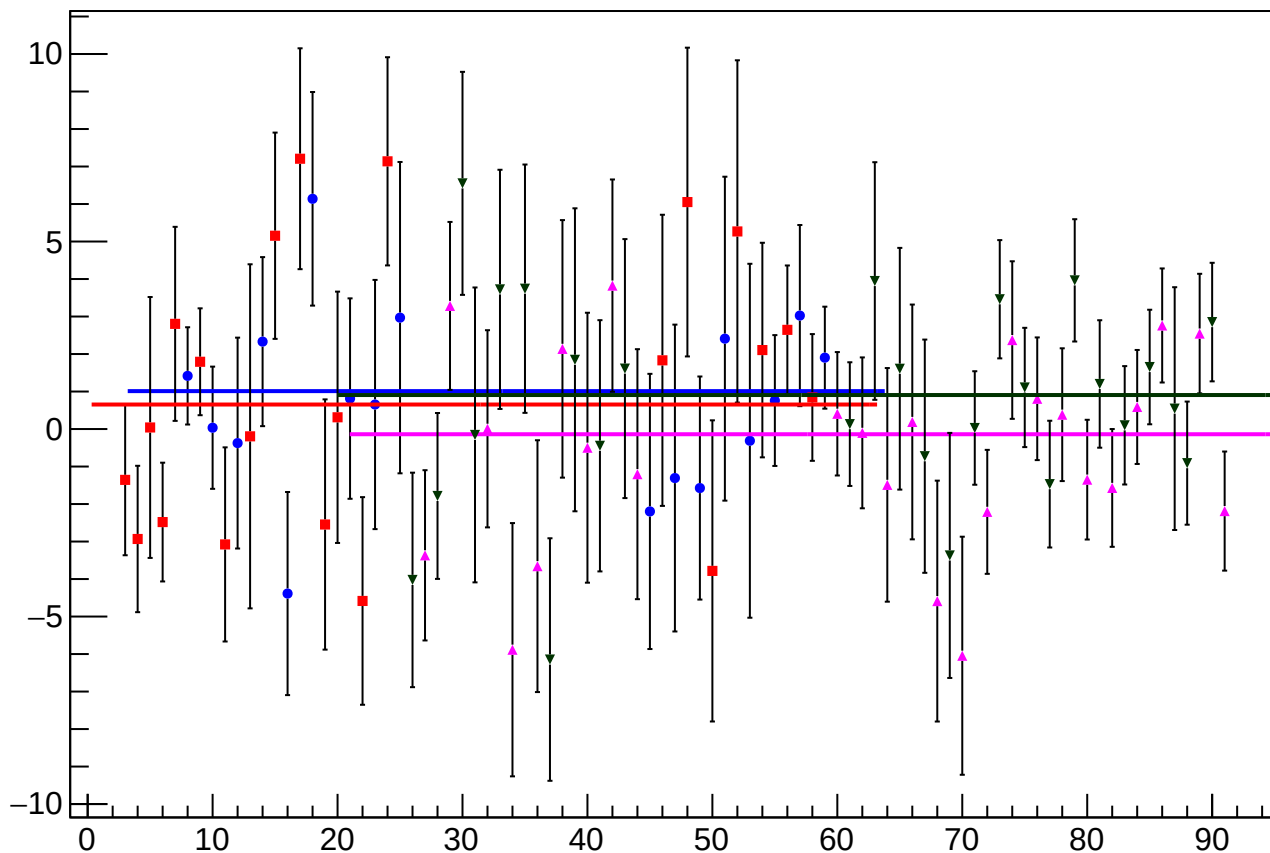
Left Out: 5599.608+/-1.114 χ^2/NDF : 316330.6/25

Right Out: 5996.775+/-1.348 χ^2/NDF : 141262.4/20

Left In: 5452.991+/-1.044 χ^2/NDF : 243246.3/24

5680.844+/-0.589 χ^2/NDF : 1000200.1/88

diff_bpm11Y_mean vs slug



Right In: 1.011 ± 0.556 χ^2/NDF : 11.7/16

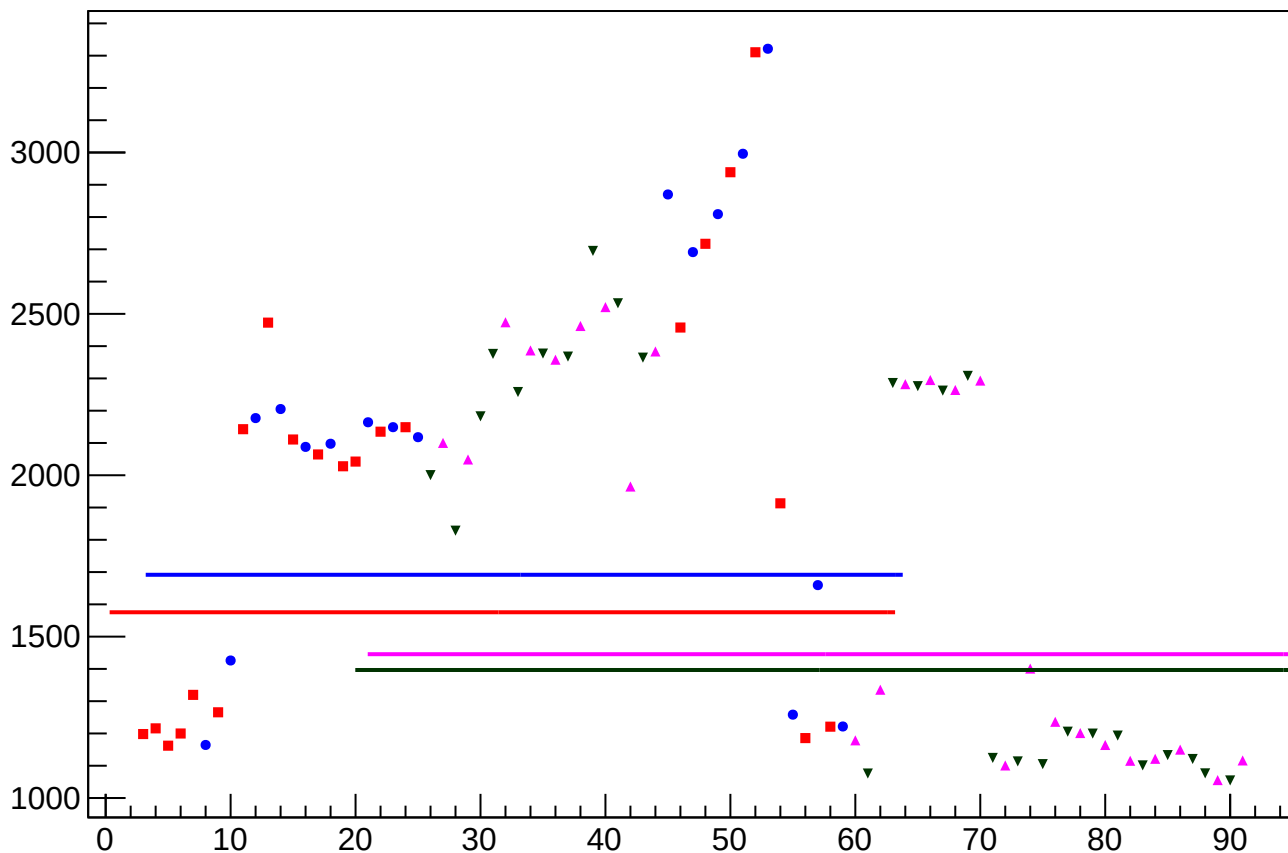
Left Out: 0.907 ± 0.416 χ^2/NDF : 29.6/25

Right Out: 0.654 ± 0.530 χ^2/NDF : 35.0/20

Left In: -0.139 ± 0.414 χ^2/NDF : 29.7/24

0.544 ± 0.233 χ^2/NDF : 110.3/88

diff_bpm11Y_rms vs slug



Right In: 1691.620 $\pm$ 0.393 χ^2 /NDF: 2144050.6/16

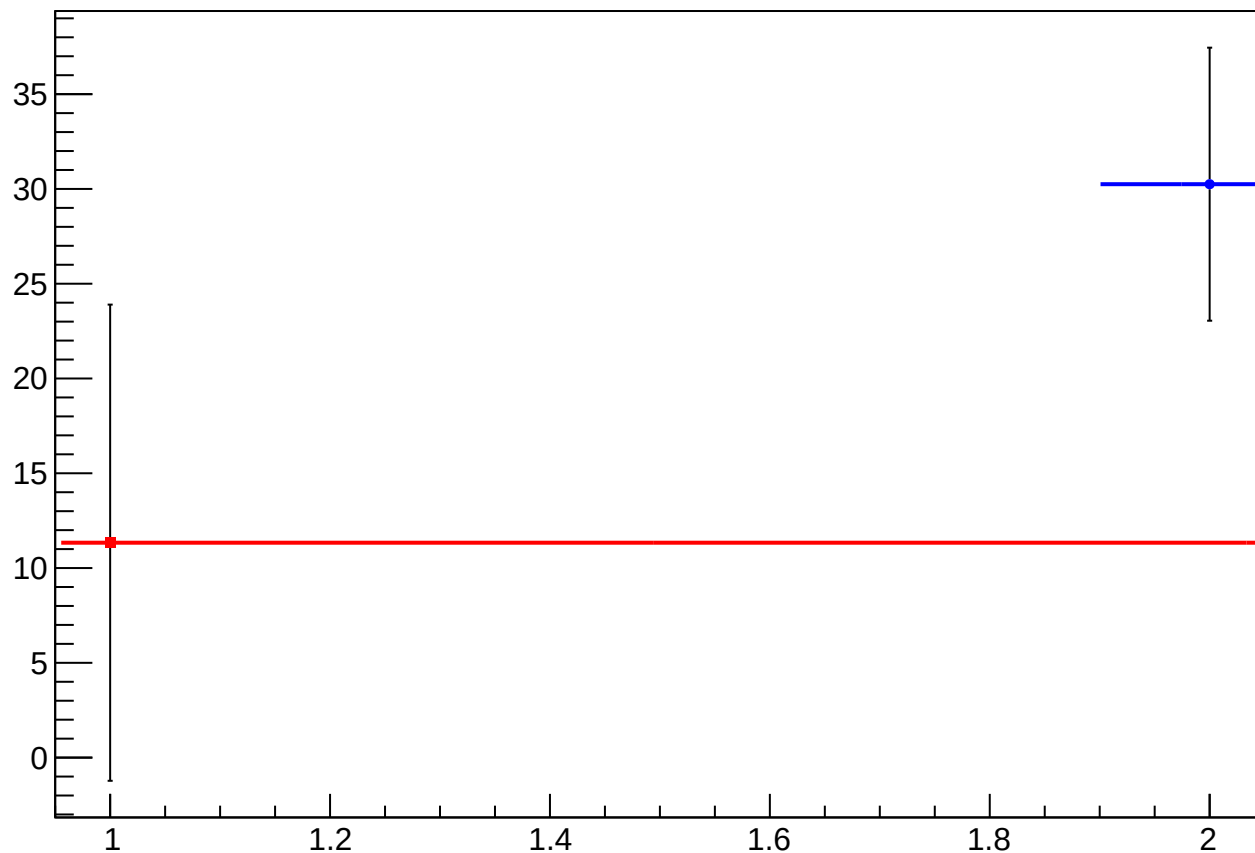
Left Out: 1396.630 $\pm$ 0.294 χ^2 /NDF: 2811377.5/25

Right Out: 1575.487 $\pm$ 0.375 χ^2 /NDF: 1935250.1/20

Left In: 1445.580 $\pm$ 0.292 χ^2 /NDF: 2804718.4/24

1498.443 $\pm$ 0.165 χ^2 /NDF: 10131450.9/88

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

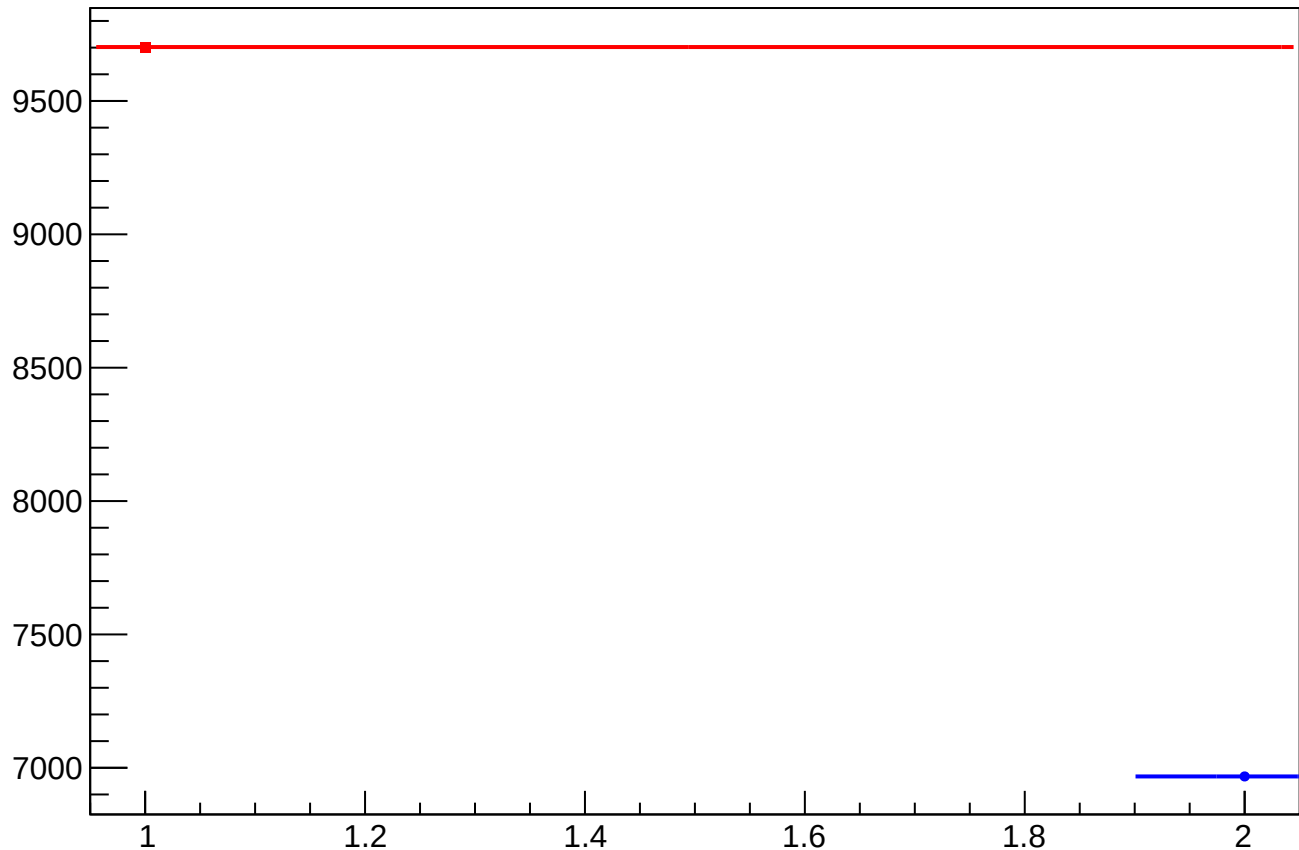
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.337 $\pm$ 12.561 χ^2 /NDF: 0.0/0

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

25.571 $\pm$ 6.248 χ^2 /NDF: 1.7/1

diff_bpm14X_rms vs slug



Right In: 6967.598 ± 5.093 χ^2/NDF : 0.0/0

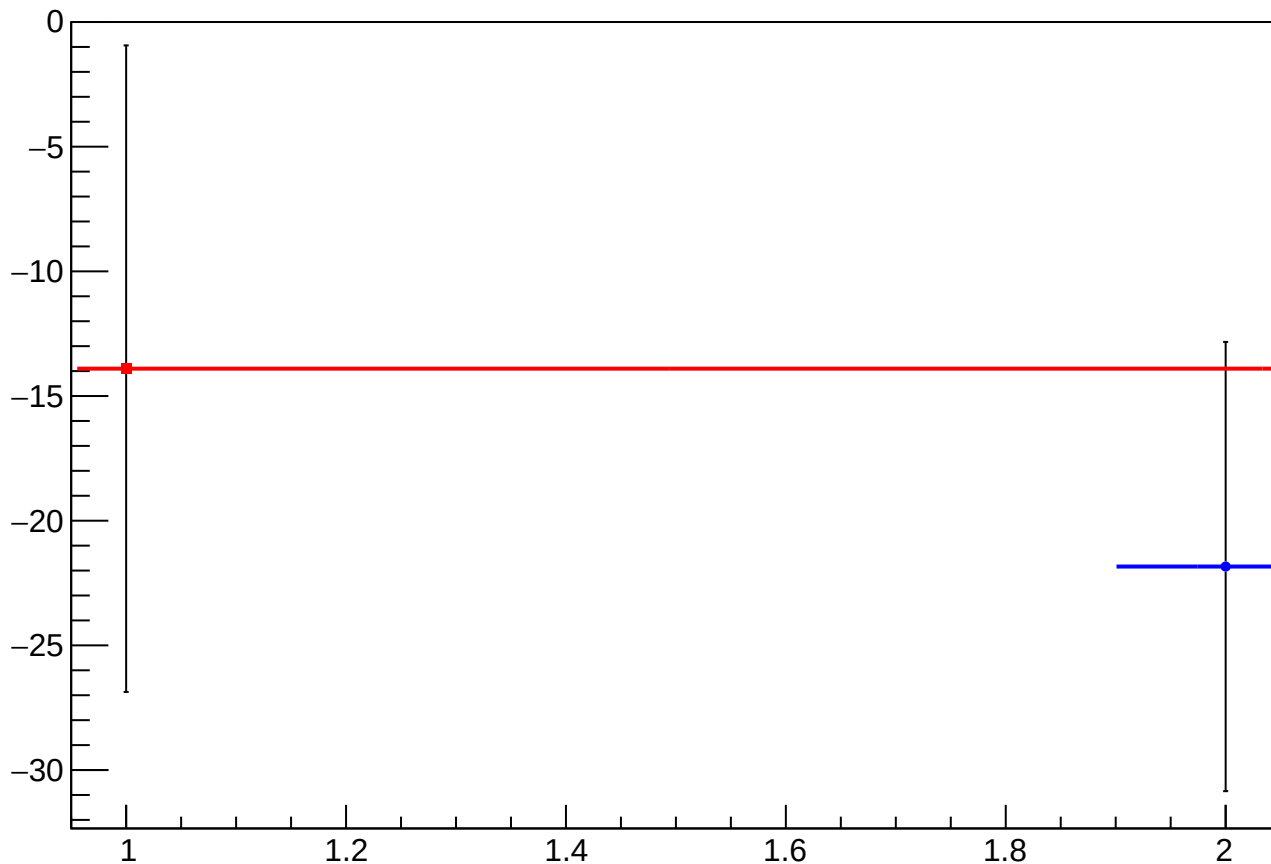
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 ± 8.882 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7644.206 ± 4.418 χ^2/NDF : 71341.6/1

diff_bpm14Y_mean vs slug



Right In: -21.839 $\pm$ 9.009 χ^2 /NDF: 0.0/0

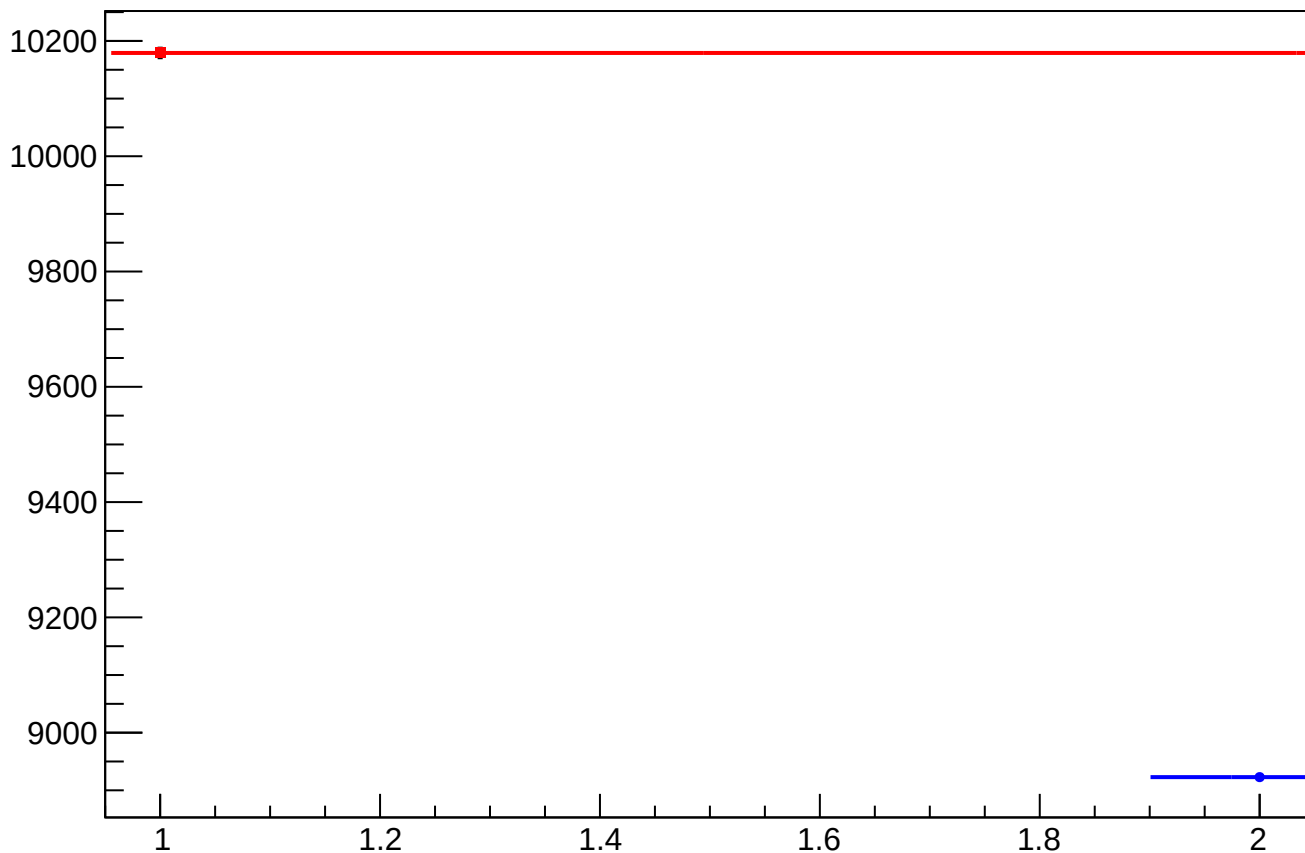
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

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

-19.255 $\pm$ 7.398 χ^2 /NDF: 0.3/1

diff_bpm14Y_rms vs slug



Right In: 8922.874 $\pm$ 6.370 χ^2/NDF : 0.0/0

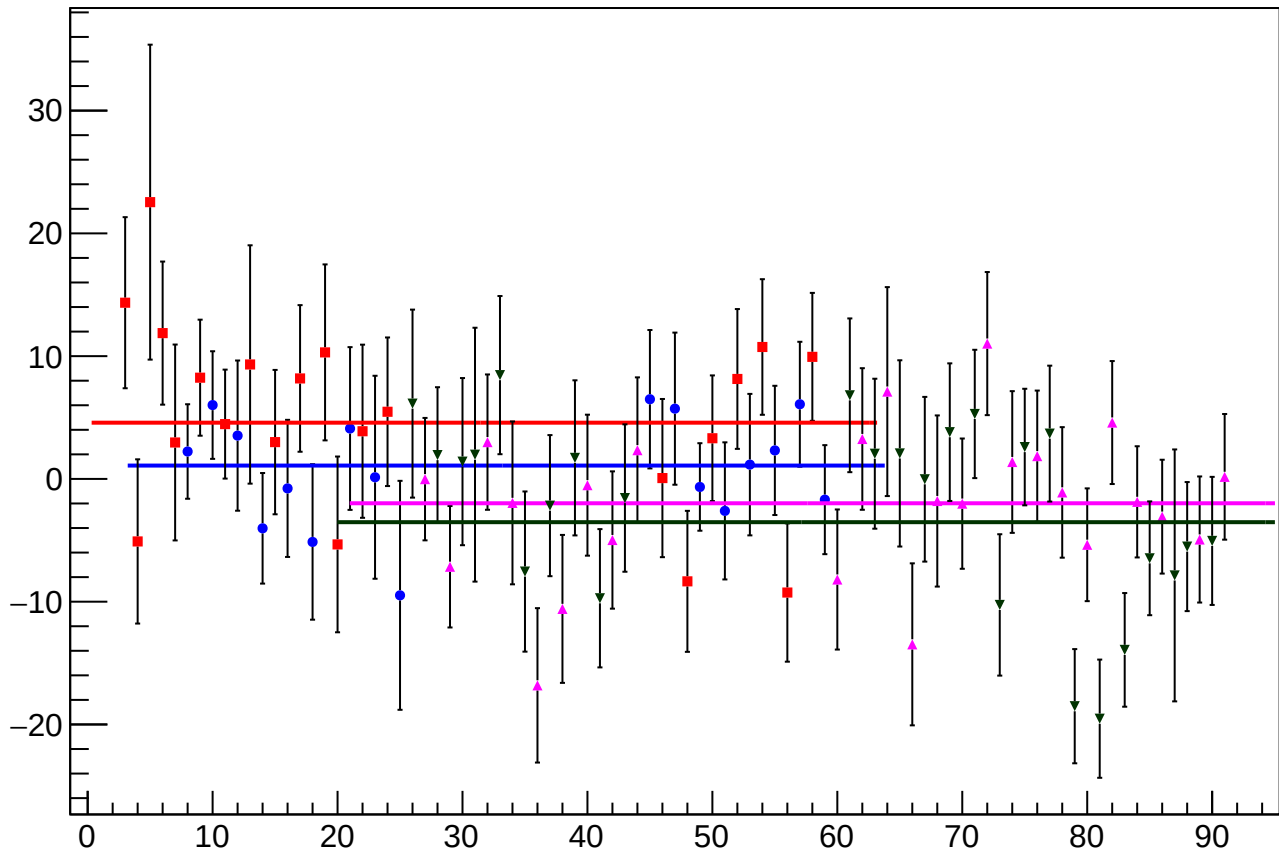
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10179.165 $\pm$ 9.168 χ^2/NDF : 0.0/0

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

9331.930 $\pm$ 5.231 χ^2/NDF : 12664.4/1

diff_bpm16X_mean vs slug



Right In: 1.088 ± 1.265 $\chi^2/\text{NDF}: 8.9/16$

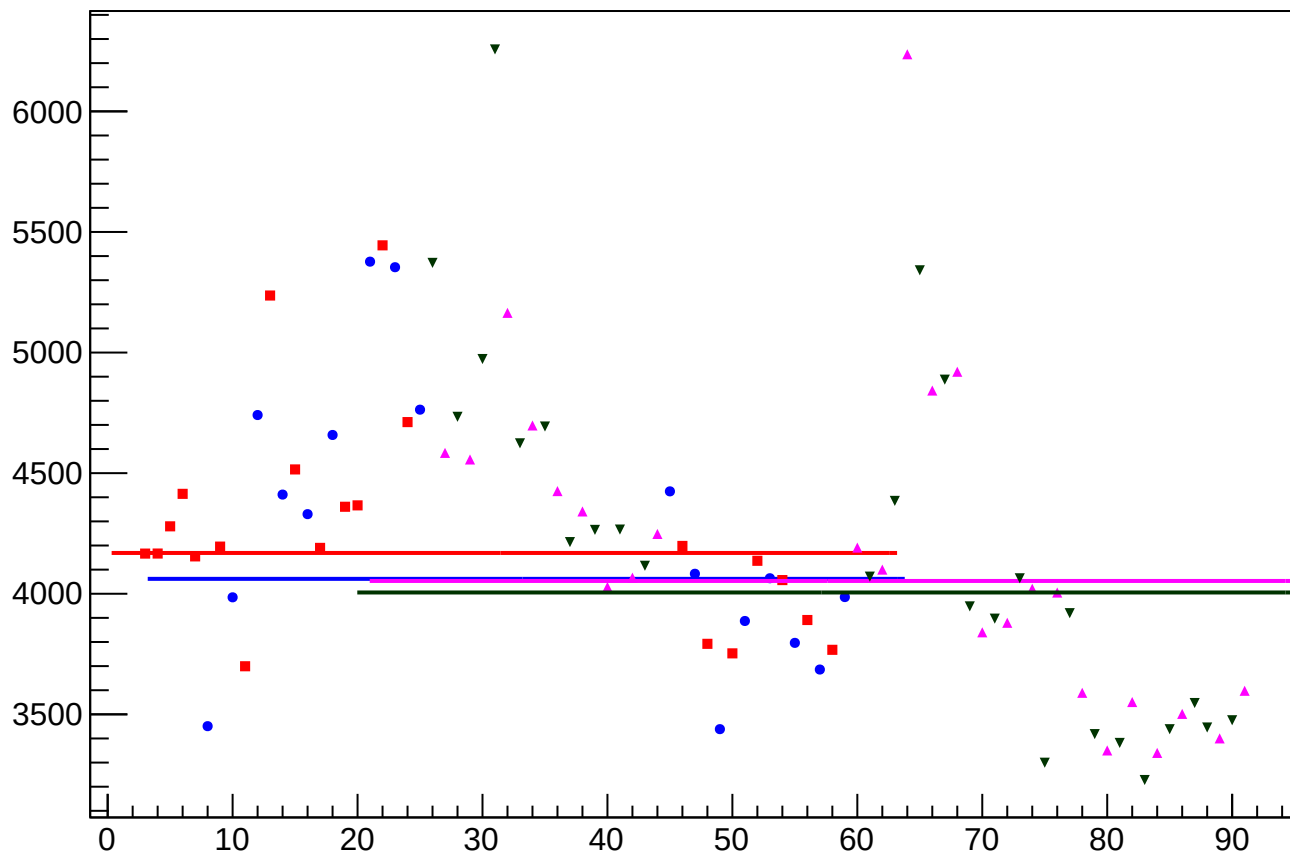
Left Out: -3.524 ± 1.136 $\chi^2/\text{NDF}: 50.2/25$

Right Out: 4.581 ± 1.327 $\chi^2/\text{NDF}: 25.8/20$

Left In: -1.983 ± 1.103 $\chi^2/\text{NDF}: 25.4/24$

-0.387 ± 0.598 $\chi^2/\text{NDF}: 135.6/88$

diff_bpm16X_rms vs slug



Right In: 4061.774 $\pm$ 0.894 χ^2 /NDF: 336930.3/16

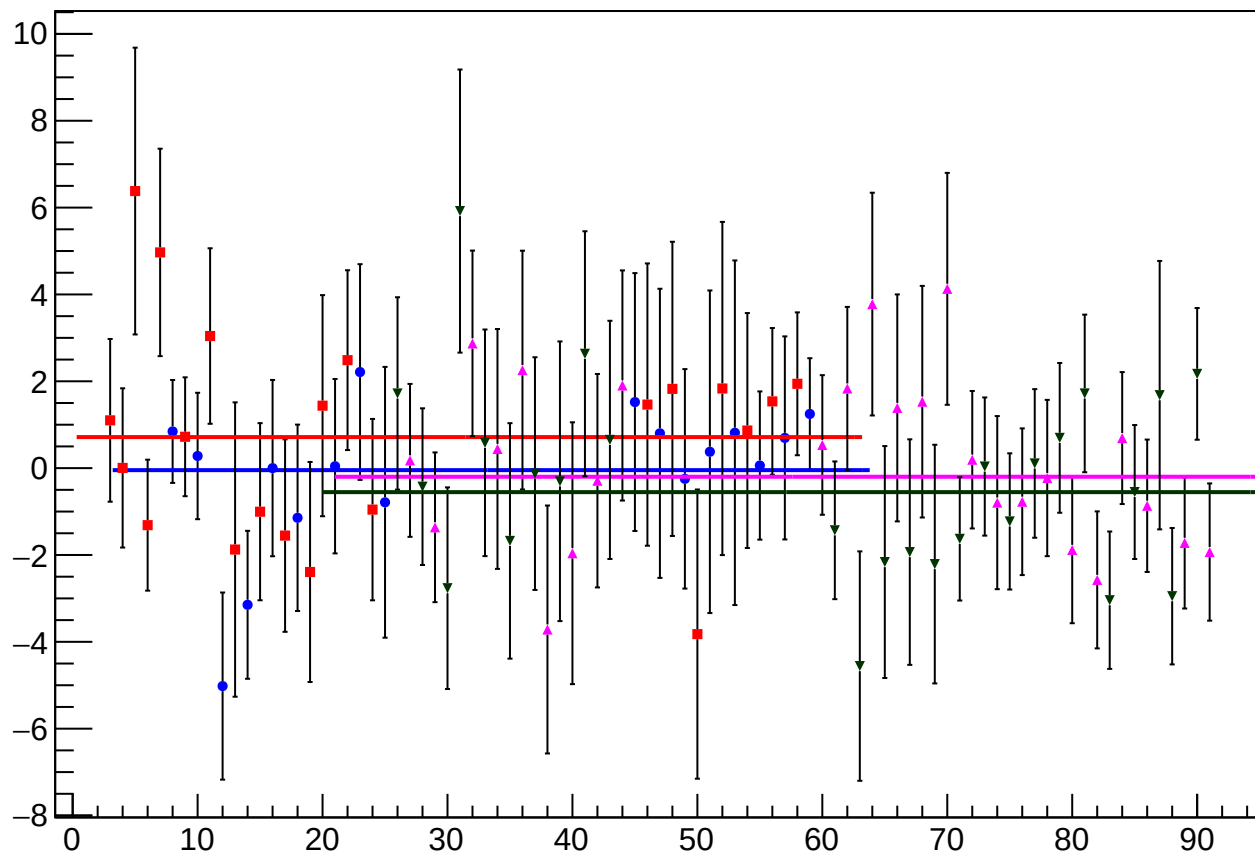
Left Out: 4005.280 $\pm$ 0.803 χ^2 /NDF: 635023.6/25

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

4065.362 $\pm$ 0.423 χ^2 /NDF: 1734750.4/88

diff_bpm16Y_mean vs slug



Right In: -0.046 ± 0.480 χ^2/NDF : 11.9/16

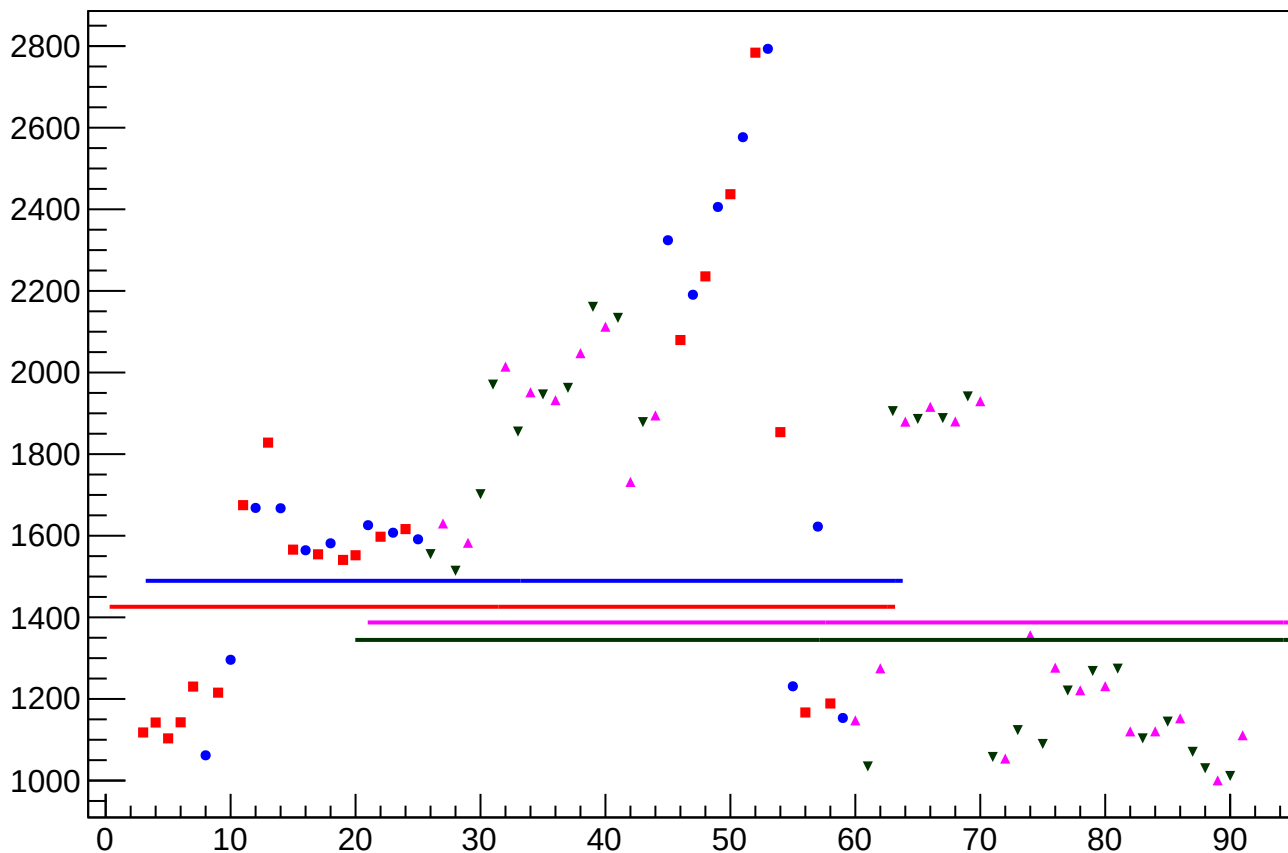
Left Out: -0.553 ± 0.390 χ^2/NDF : 23.1/25

Right Out: 0.715 ± 0.468 χ^2/NDF : 17.6/20

Left In: -0.198 ± 0.386 χ^2/NDF : 19.4/24

-0.085 ± 0.212 χ^2/NDF : 76.5/88

diff_bpm16Y_rms vs slug



Right In: 1489.522+/-0.339 χ^2 /NDF: 1439802.2/16

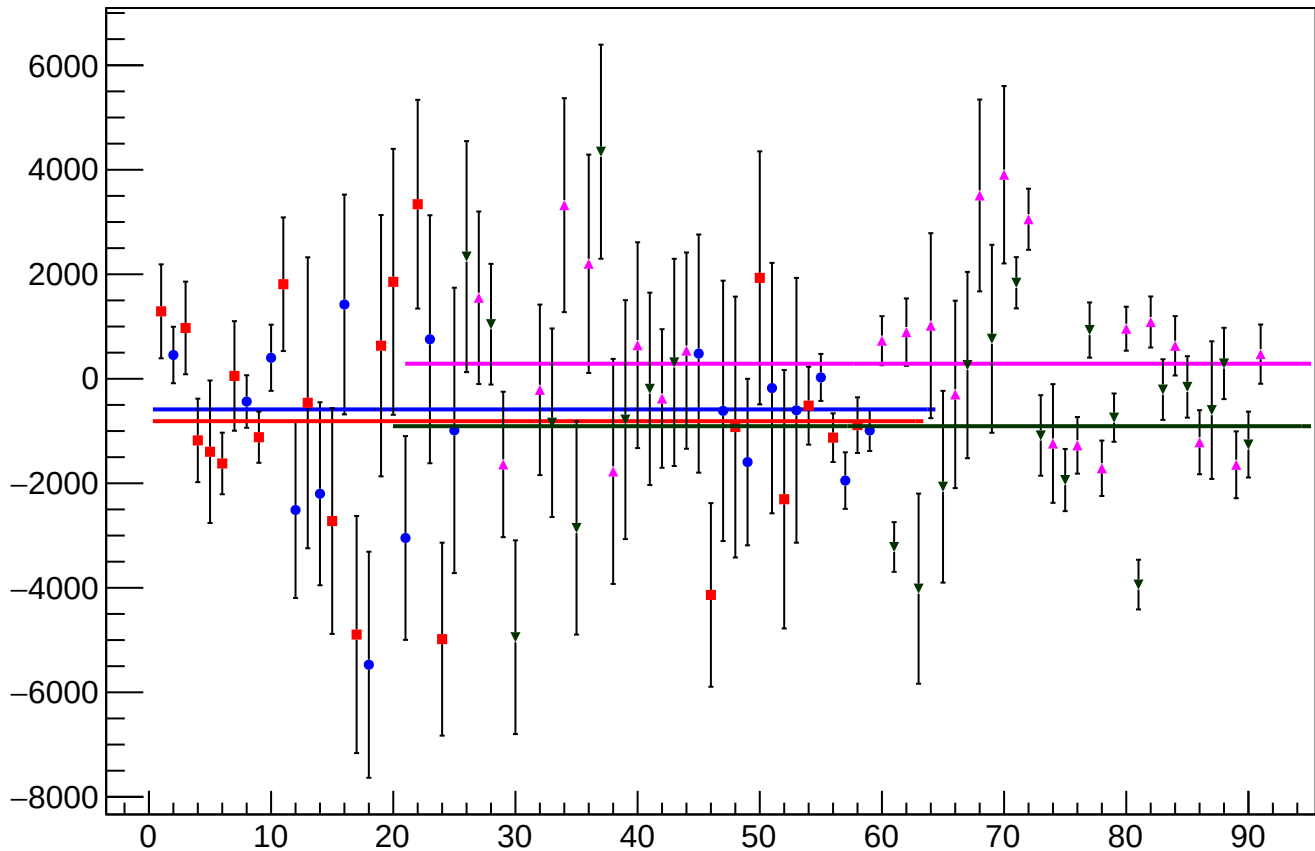
Left Out: 1344.679+/-0.276 χ^2 /NDF:1692687.0/25

Right Out: 1425.925+/-0.331 χ^2 /NDF: 1134958.5/20

Left In: 1387.478+/-0.273 χ^2 /NDF:1581223.7/24

1402.706+/-0.150 χ^2 /NDF: 5966468.6/88

asym_sam1_mean vs slug



Right In: -585.884+/-190.719 χ^2/NDF : 26.2/17

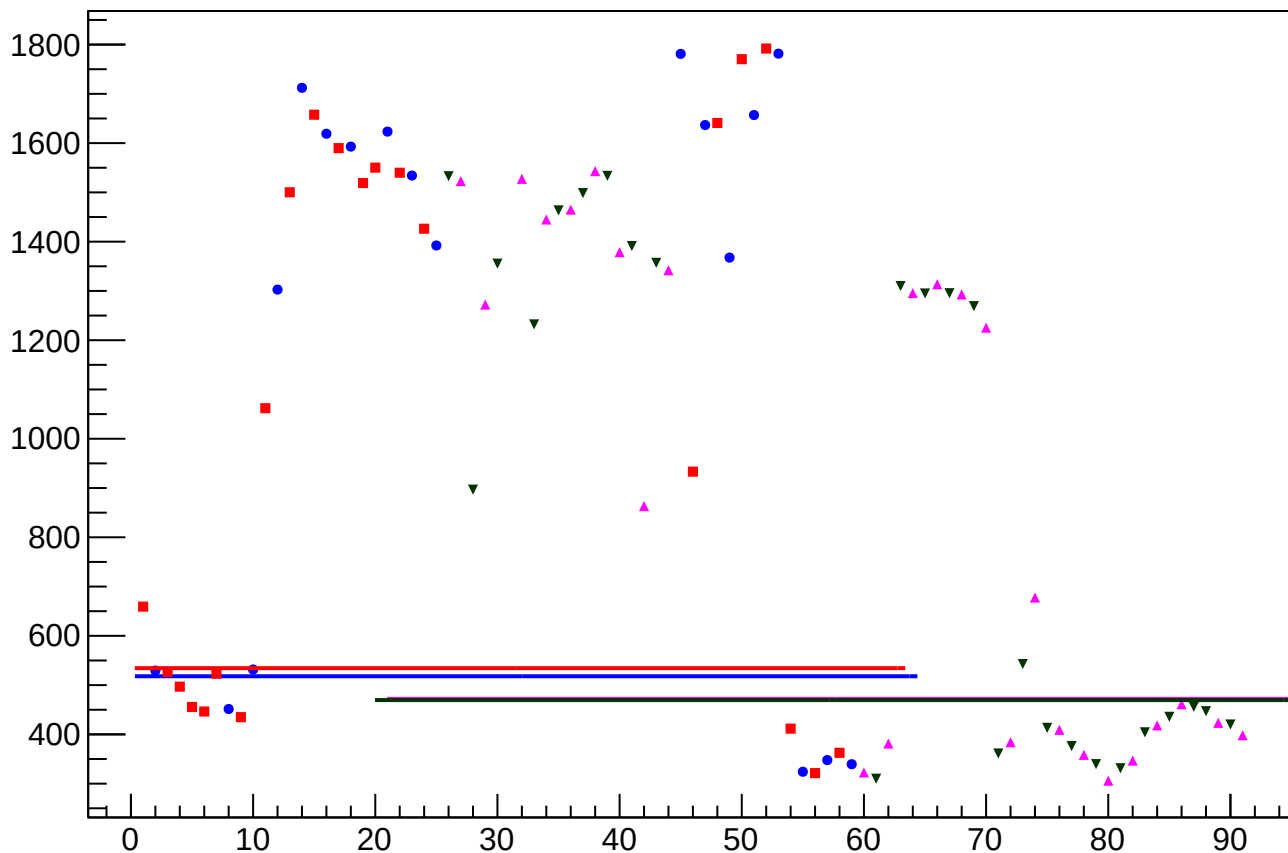
Left Out: -907.189+/-156.402 χ^2/NDF : 139.8/24

-448.111+/-85.493 χ^2/NDF : 323.8/89

Right Out: -811.072+/-198.649 χ^2/NDF : 37.8/21

Left In: 288.536+/-152.314 χ^2/NDF : 84.1/24

asym_sam1_rms vs slug



Right In: 517.969+/-0.135 χ^2/NDF : 7175753.0/17

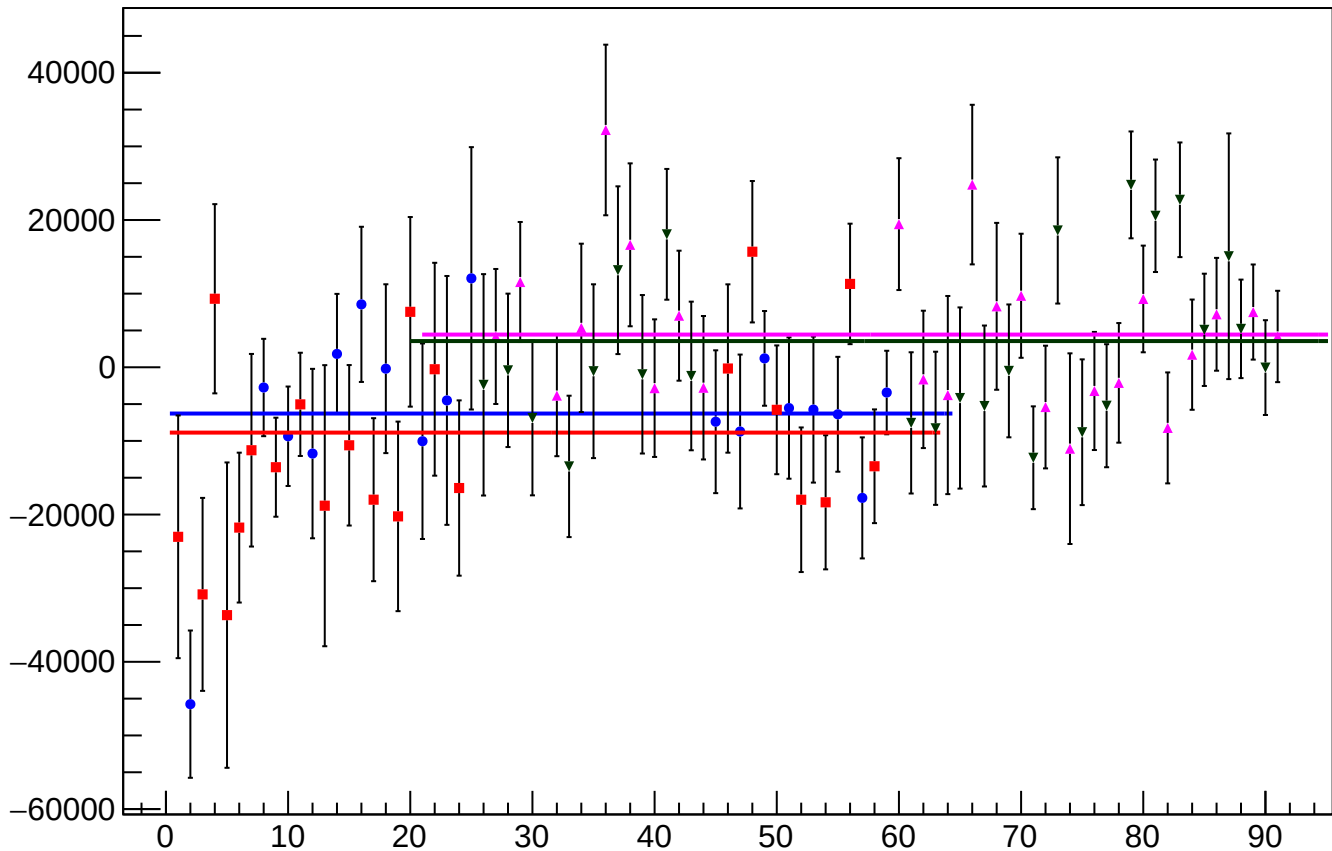
Left Out: 469.635+/-0.111 χ^2/NDF : 6315272.4/24

Right Out: 534.394+/-0.140 χ^2/NDF : 5549513.5/21

Left In: 472.039+/-0.108 χ^2/NDF : 7380471.4/24

492.099+/-0.060 χ^2/NDF : 26624422.9/89

asym_sam2_mean vs slug



Right In: -6282.756 $\pm$ 2068.735 χ^2 /NDF: 24.3/17

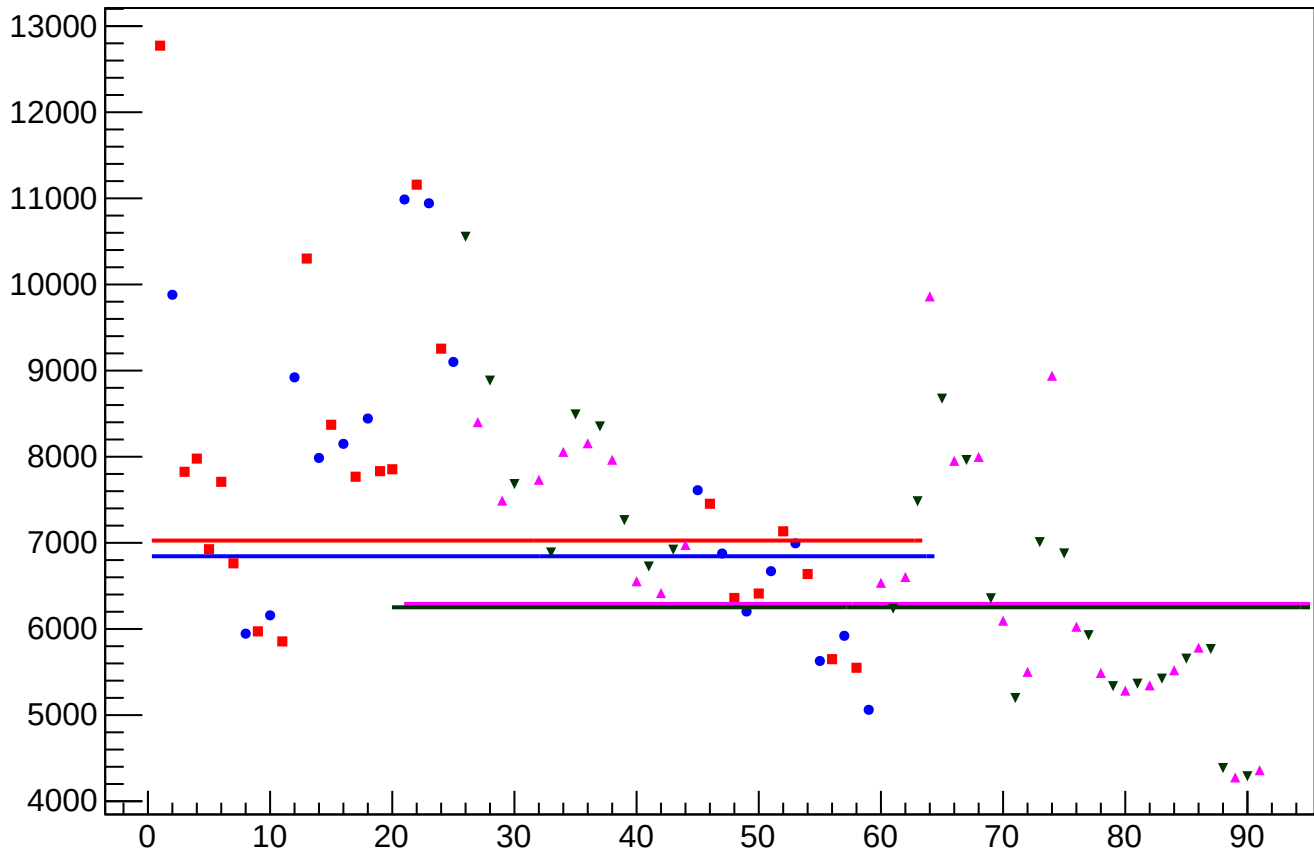
Left Out: 3558.894 $\pm$ 1819.561 χ^2 /NDF: 42.8/24

-684.694 $\pm$ 965.472 χ^2 /NDF: 157.3/89

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

asym_sam2_rms vs slug



Right In: 6844.392+/-1.463 χ^2/NDF : 1065224.5/17

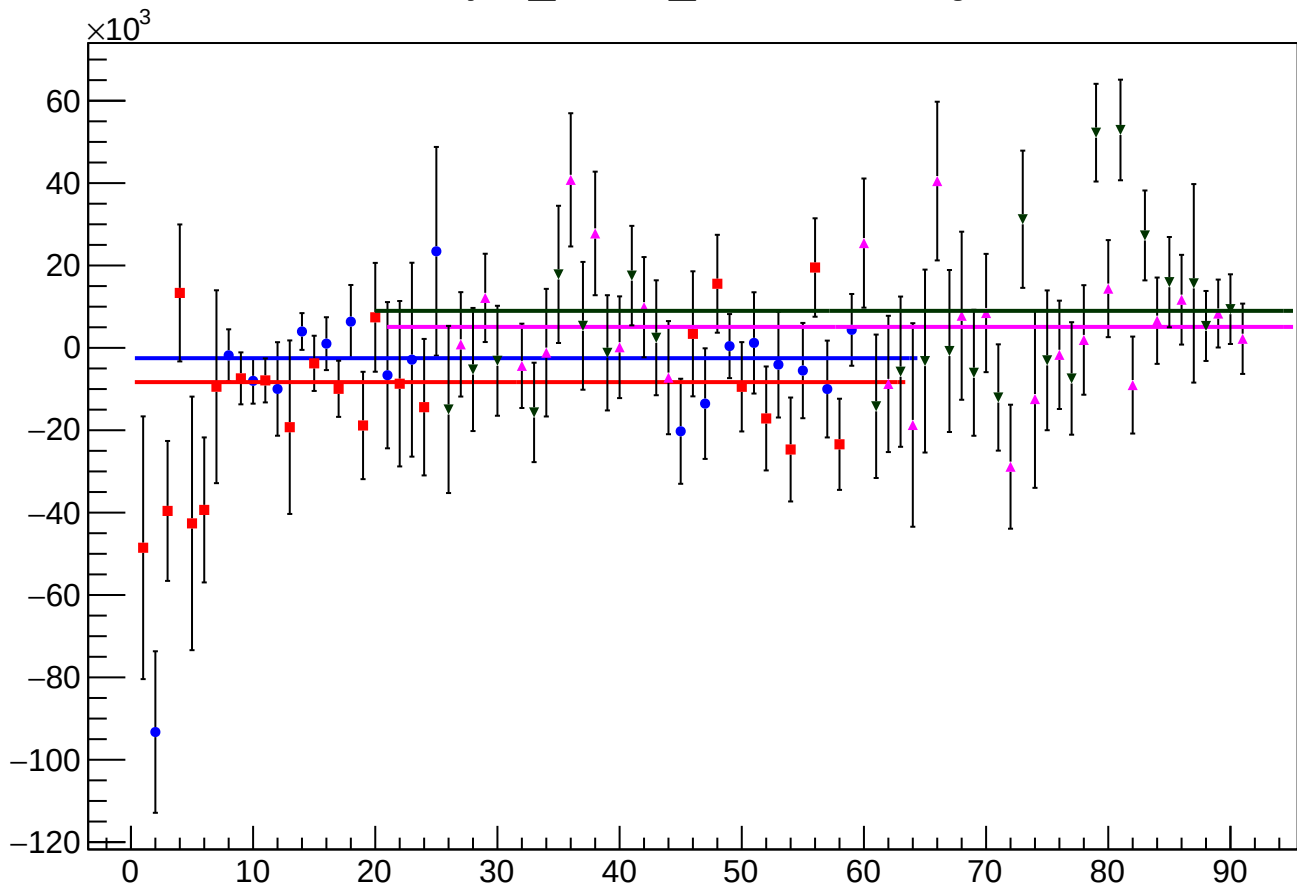
Left Out: 6251.743+/-1.287 χ^2/NDF : 1169303.7/24

Right Out: 7026.855+/-1.562 χ^2/NDF : 880304.4/21

Left In: 6290.987+/-1.227 χ^2/NDF : 1217712.1/24

6540.953+/-0.683 χ^2/NDF : 4564334.6/89

asym_sam3_mean vs slug



Right In: -2503.062 ± 2082.838 χ^2/NDF : 31.3/17

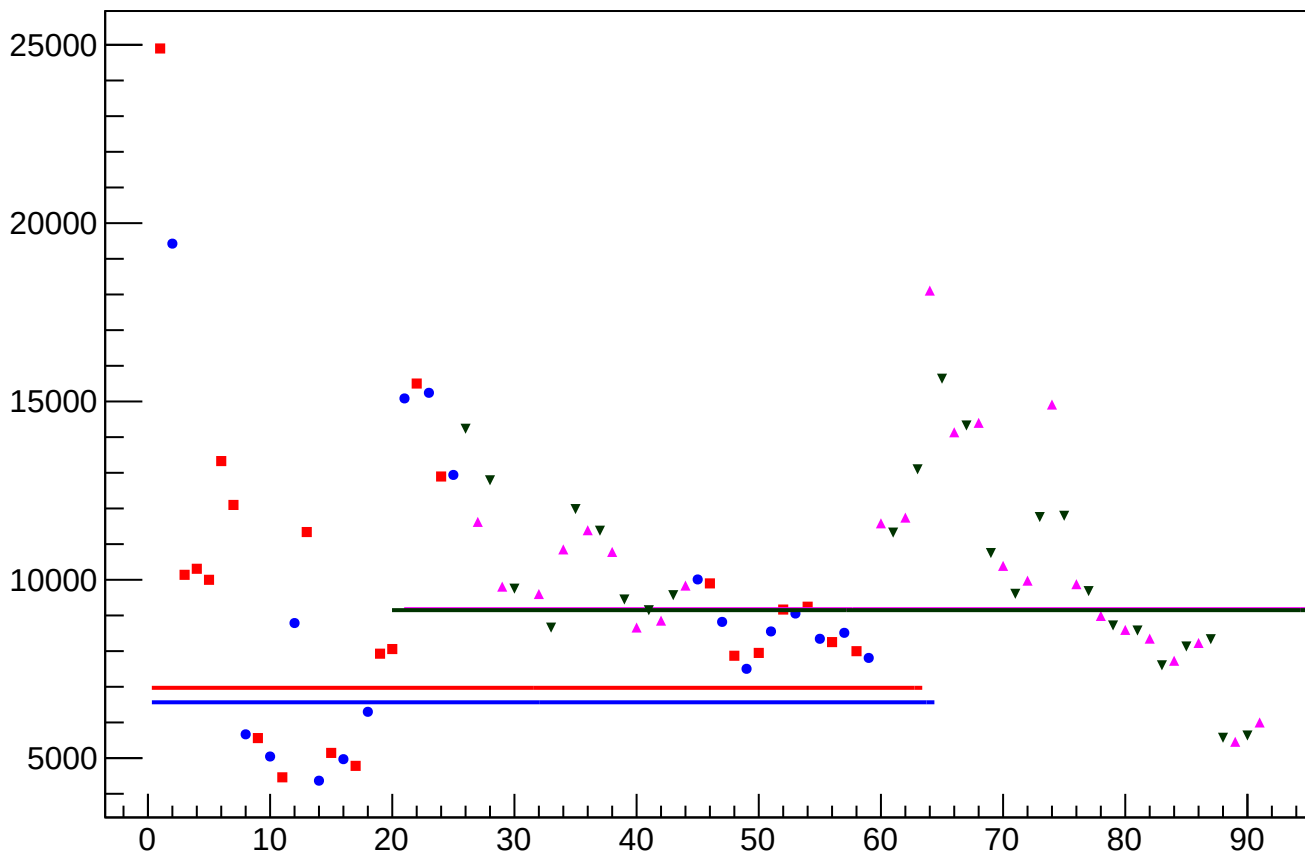
Left Out: 8986.162 ± 2692.279 χ^2/NDF : 48.9/24

Right Out: -8313.951 ± 2320.179 χ^2/NDF : 28.1/21

Left In: 5090.107 ± 2554.673 χ^2/NDF : 25.4/24

-143.776 ± 1188.911 χ^2/NDF : 163.2/89

asym_sam3_rms vs slug



Right In: 6565.265+/-1.473 χ^2/NDF : 3099662.5/17

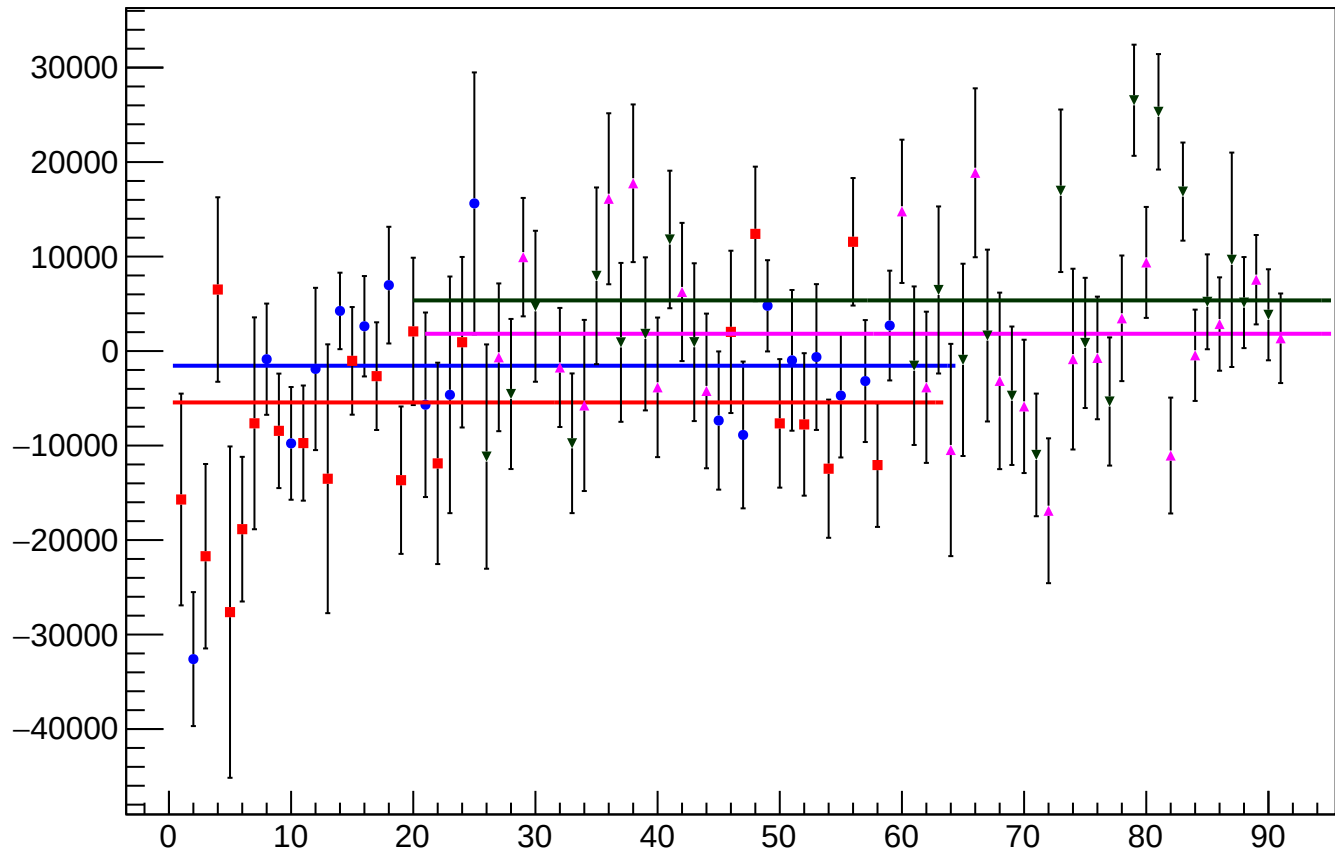
Left Out: 9149.037+/-1.904 χ^2/NDF :1679795.1/24

Right Out: 6971.174+/-1.641 χ^2/NDF : 3048541.7/21

Left In: 9177.616+/-1.806 χ^2/NDF :1718380.9/24

7741.507+/-0.841 χ^2/NDF : 11583358.9/89

asym_sam4_mean vs slug



Right In: -1552.067+/-1533.551 χ^2/NDF : 31.5/17

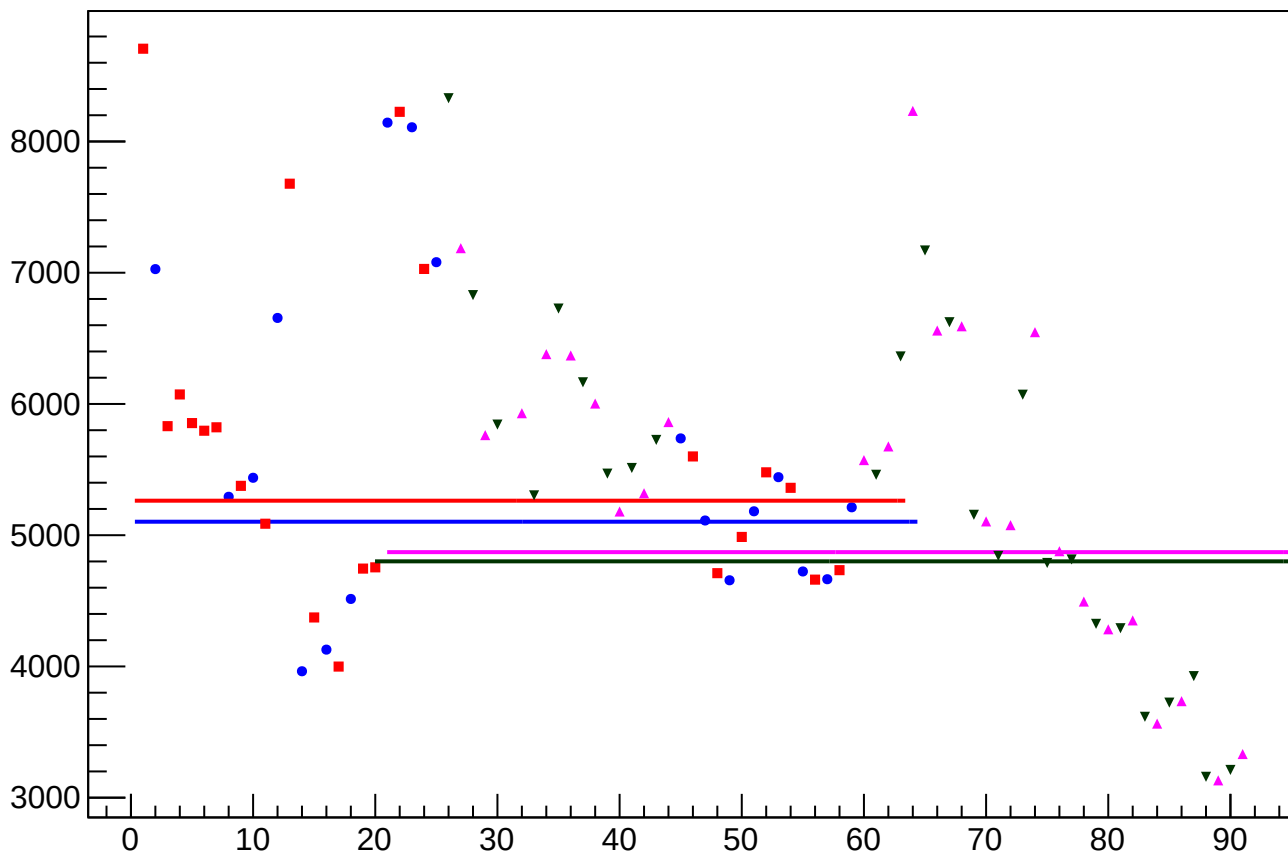
Left Out: 5361.523+/-1407.384 χ^2/NDF : 52.3/24

565.043+/-736.343 χ^2/NDF : 176.0/89

Right Out: -5437.234+/-1647.336 χ^2/NDF : 30.2/21

Left In: 1830.203+/-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

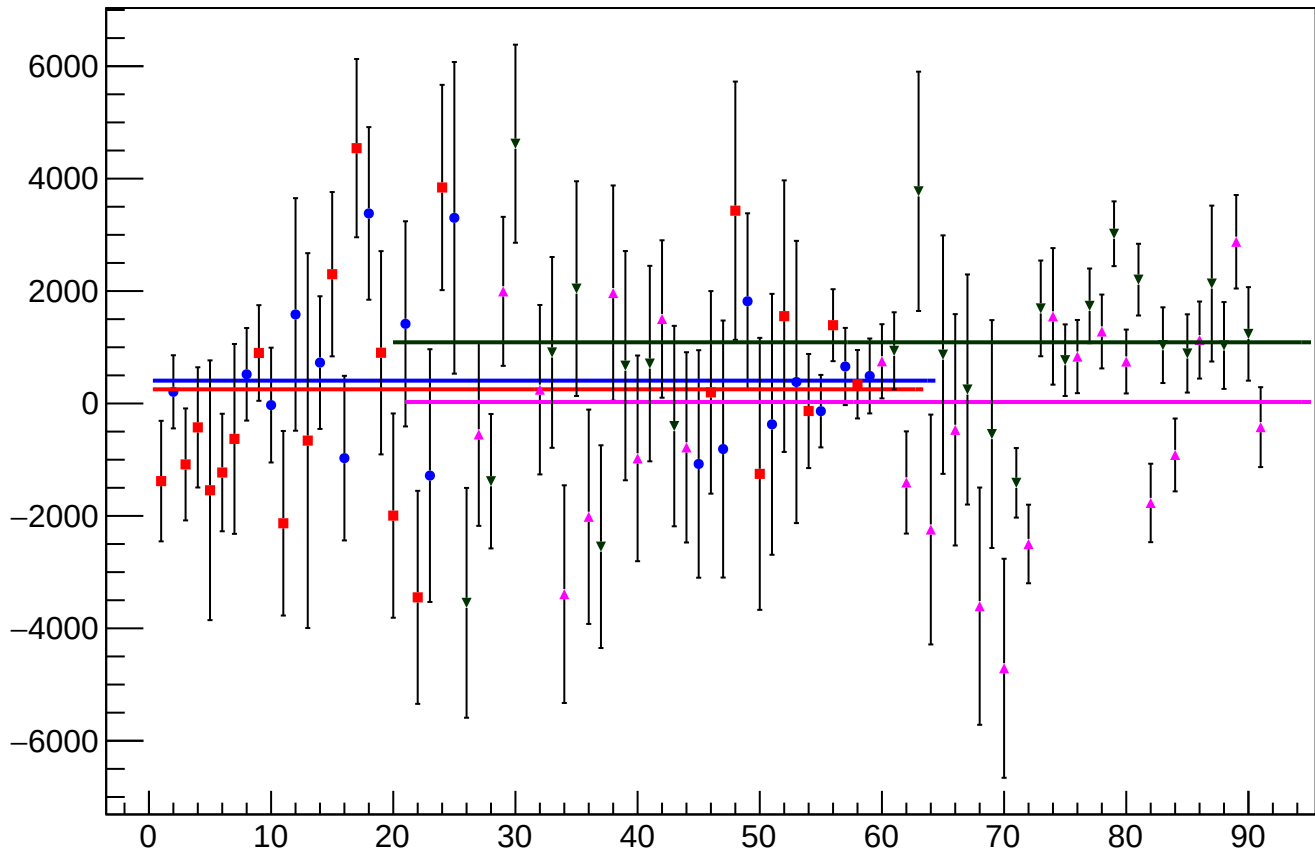
Left Out: 4800.768+/-0.995 χ^2/NDF :1542154.3/24

4983.500+/-0.521 χ^2/NDF : 4913919.1/89

Right Out: 5262.948+/-1.165 χ^2/NDF : 731586.3/21

Left In: 4870.940+/-0.957 χ^2/NDF :1654901.6/24

asym_sam5_mean vs slug



Right In: 406.427+/-256.189 χ^2/NDF : 9.9/17

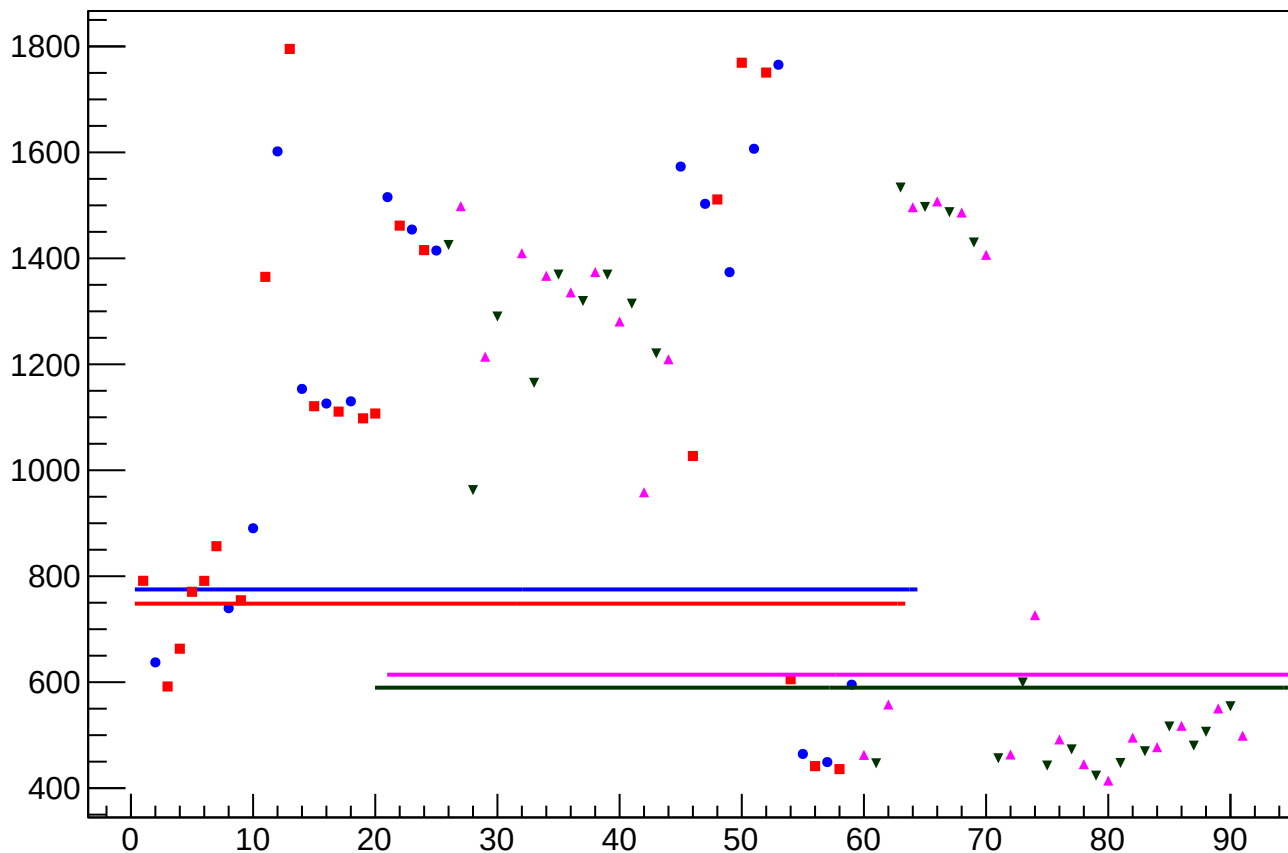
Left Out: 1088.451+/-188.197 χ^2/NDF : 54.0/24

477.383+/-107.309 χ^2/NDF : 183.8/89

Right Out: 252.230+/-257.763 χ^2/NDF : 34.7/21

Left In: 26.002+/-187.912 χ^2/NDF : 68.0/24

asym_sam5_rms vs slug



Right In: 775.057 $\pm$ 0.181 χ^2 /NDF: 3919287.9/17

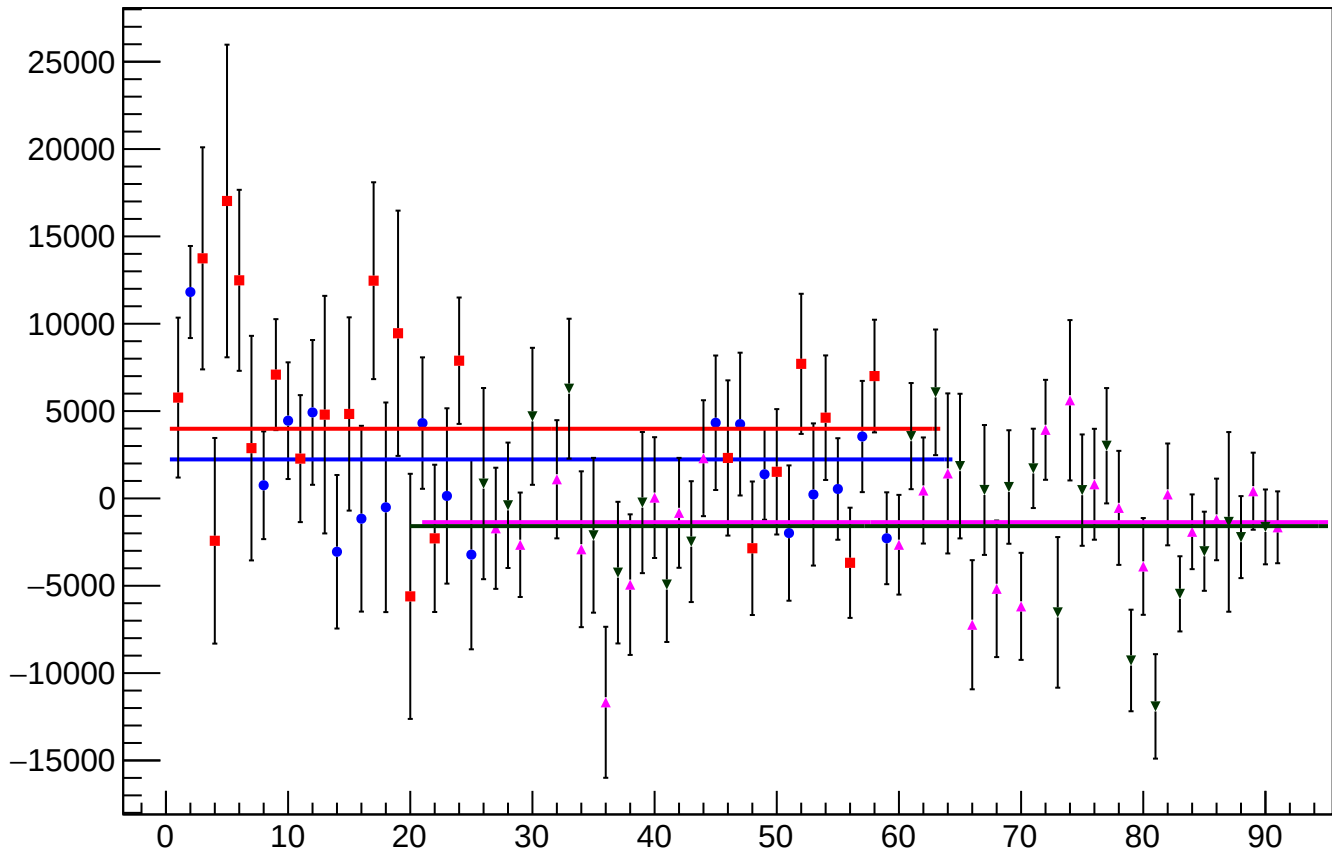
Left Out: 589.664 $\pm$ 0.133 χ^2 /NDF: 4851795.2/24

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

657.667 $\pm$ 0.076 χ^2 /NDF: 18737497.6/89

asym_sam6_mean vs slug



Right In: 2232.786 ± 839.285 χ^2/NDF : 23.4/17

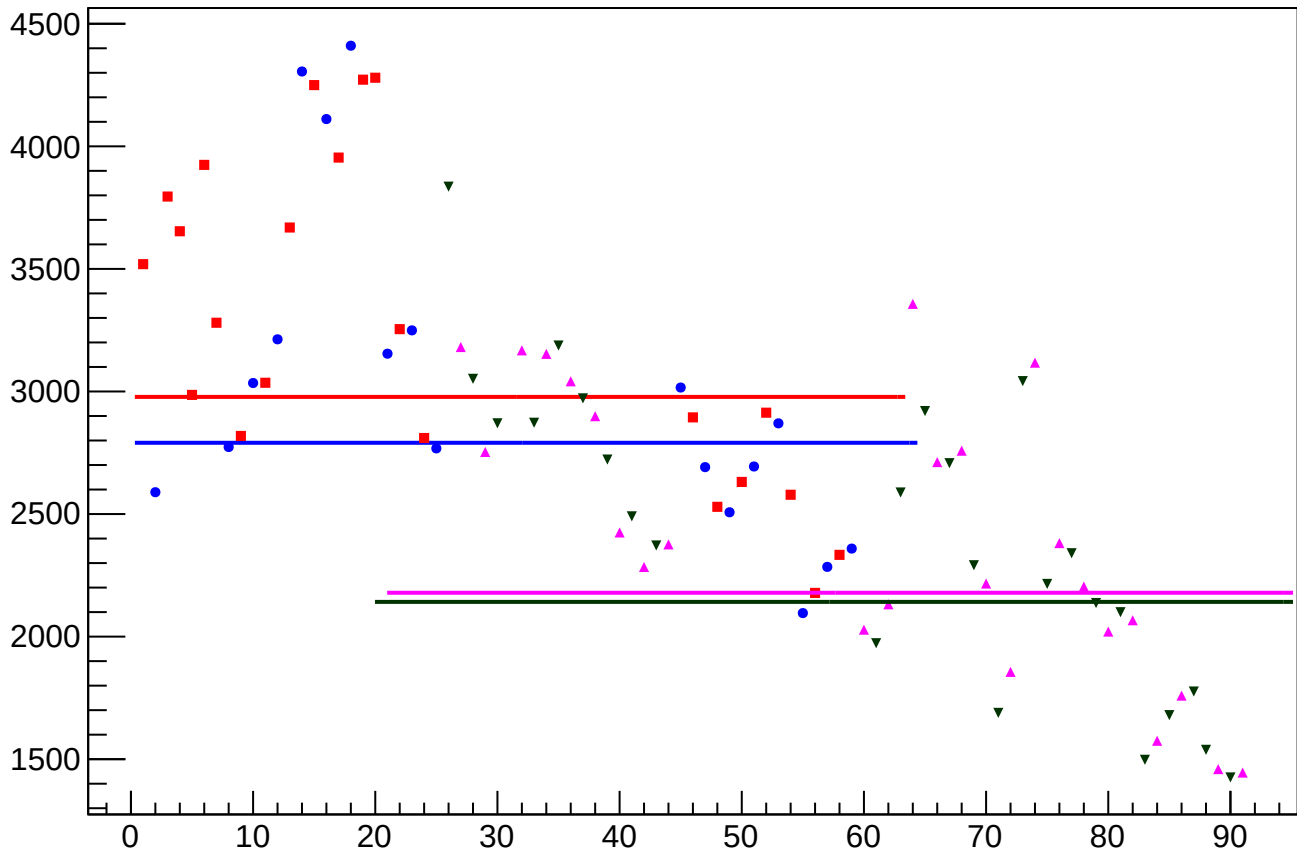
Left Out: -1585.970 ± 630.620 χ^2/NDF : 45.7/24

9.030 ± 358.535 χ^2/NDF : 158.8/89

Right Out: 3987.707 ± 935.216 χ^2/NDF : 29.4/21

Left In: -1358.711 ± 608.392 χ^2/NDF : 23.7/24

asym_sam6_rms vs slug



Right In: 2790.717 $\pm$ 0.593 χ^2 /NDF: 837615.7/17

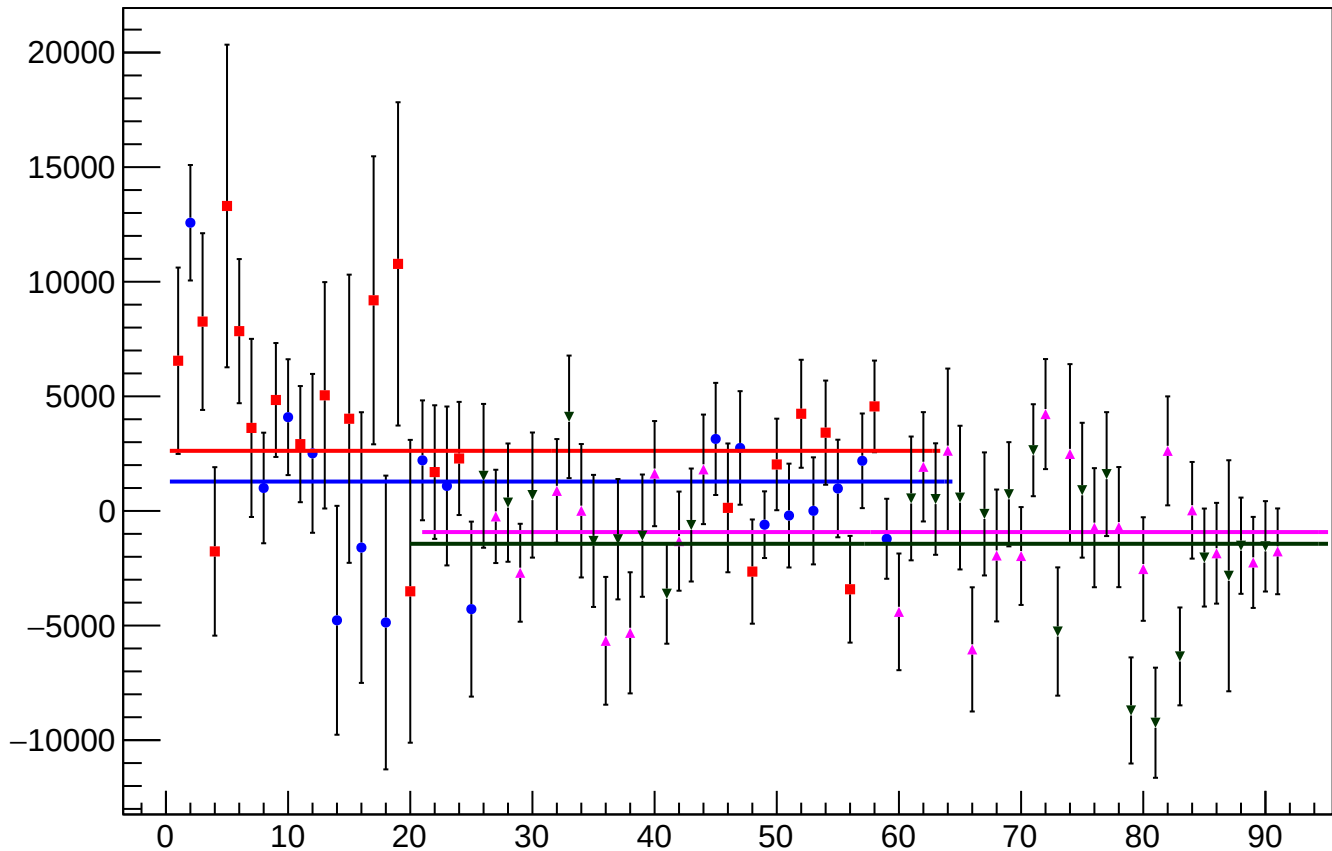
Left Out: 2141.679 $\pm$ 0.446 χ^2 /NDF:1685555.3/24

Right Out: 2977.862 $\pm$ 0.661 χ^2 /NDF: 781059.9/21

Left In: 2178.963 $\pm$ 0.430 χ^2 /NDF:1712266.2/24

2395.968 $\pm$ 0.254 χ^2 /NDF: 6812858.7/89

asym_sam7_mean vs slug



Right In: 1282.011 ± 584.766 χ^2/NDF : 31.9/17

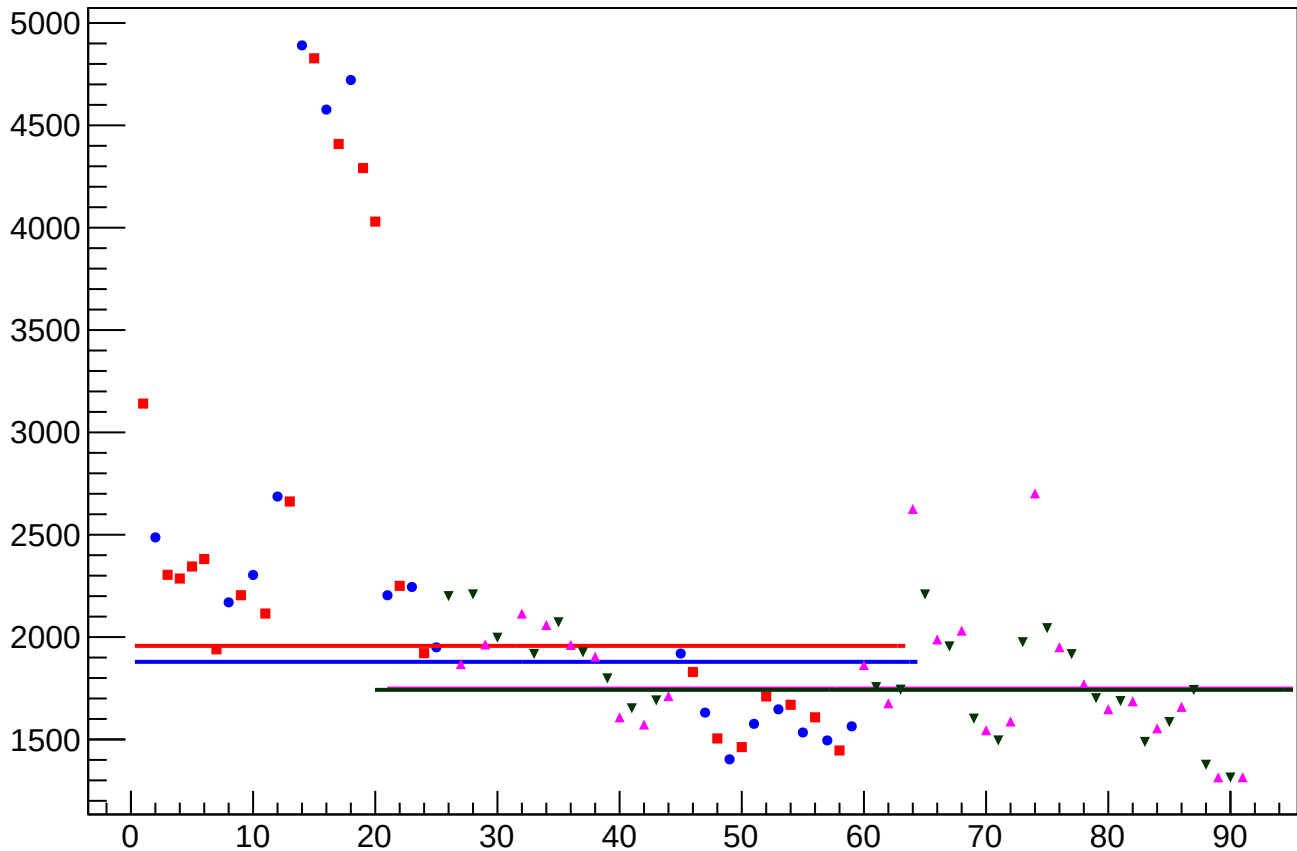
Left Out: -1433.488 ± 500.199 χ^2/NDF : 43.9/24

39.197 ± 269.095 χ^2/NDF : 165.6/89

Right Out: 2622.537 ± 632.093 χ^2/NDF : 28.6/21

Left In: -921.685 ± 477.506 χ^2/NDF : 27.1/24

asym_sam7_rms vs slug



Right In: 1879.027+/-0.413 χ^2/NDF : 2380039.8/17

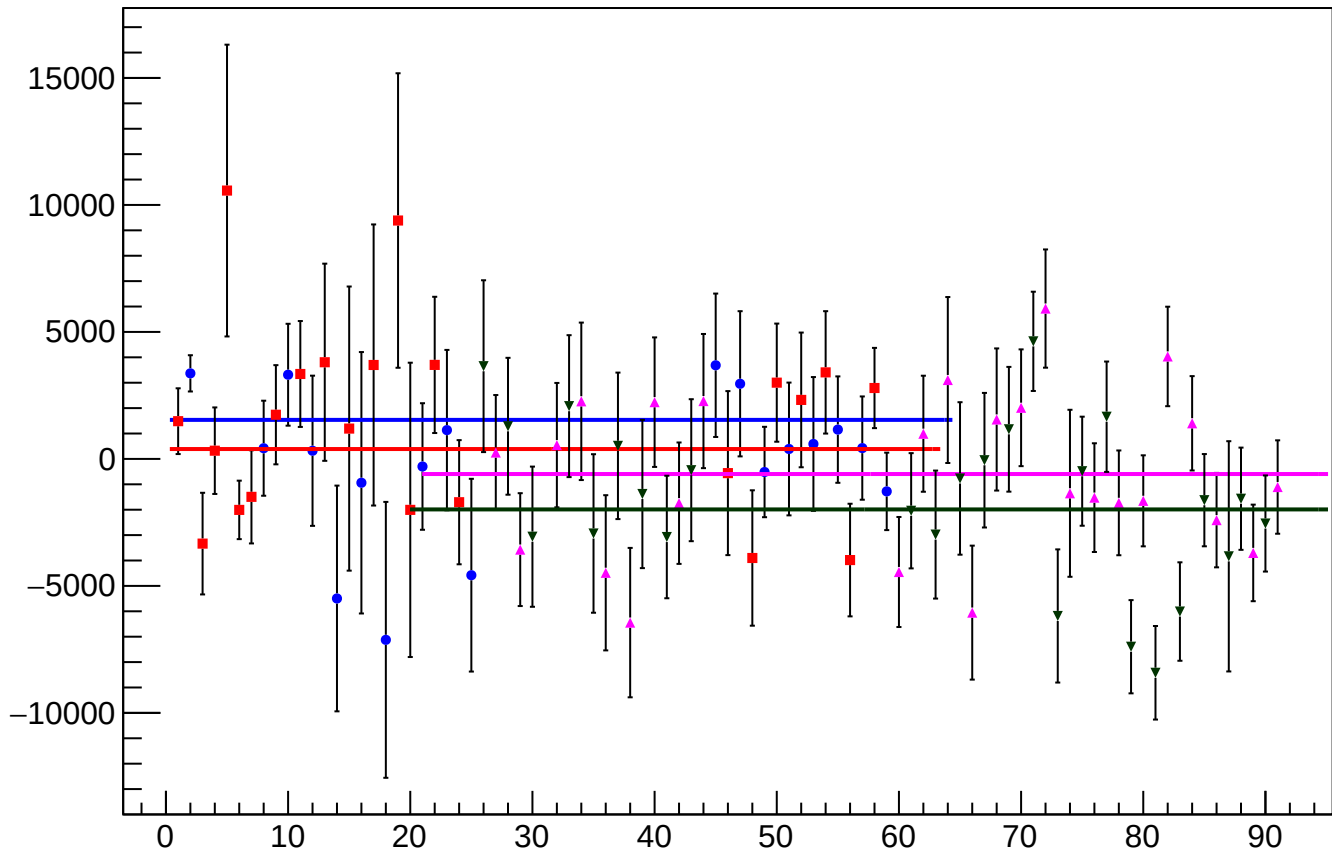
Left Out: 1742.218+/-0.354 χ^2/NDF : 508992.0/24

Right Out: 1957.140+/-0.447 χ^2/NDF : 1906457.3/21

Left In: 1748.568+/-0.338 χ^2/NDF : 689112.5/24

1812.158+/-0.190 χ^2/NDF : 5690544.1/89

asym_sam8_mean vs slug



Right In: 1536.909 ± 455.576 χ^2/NDF : 22.6/17

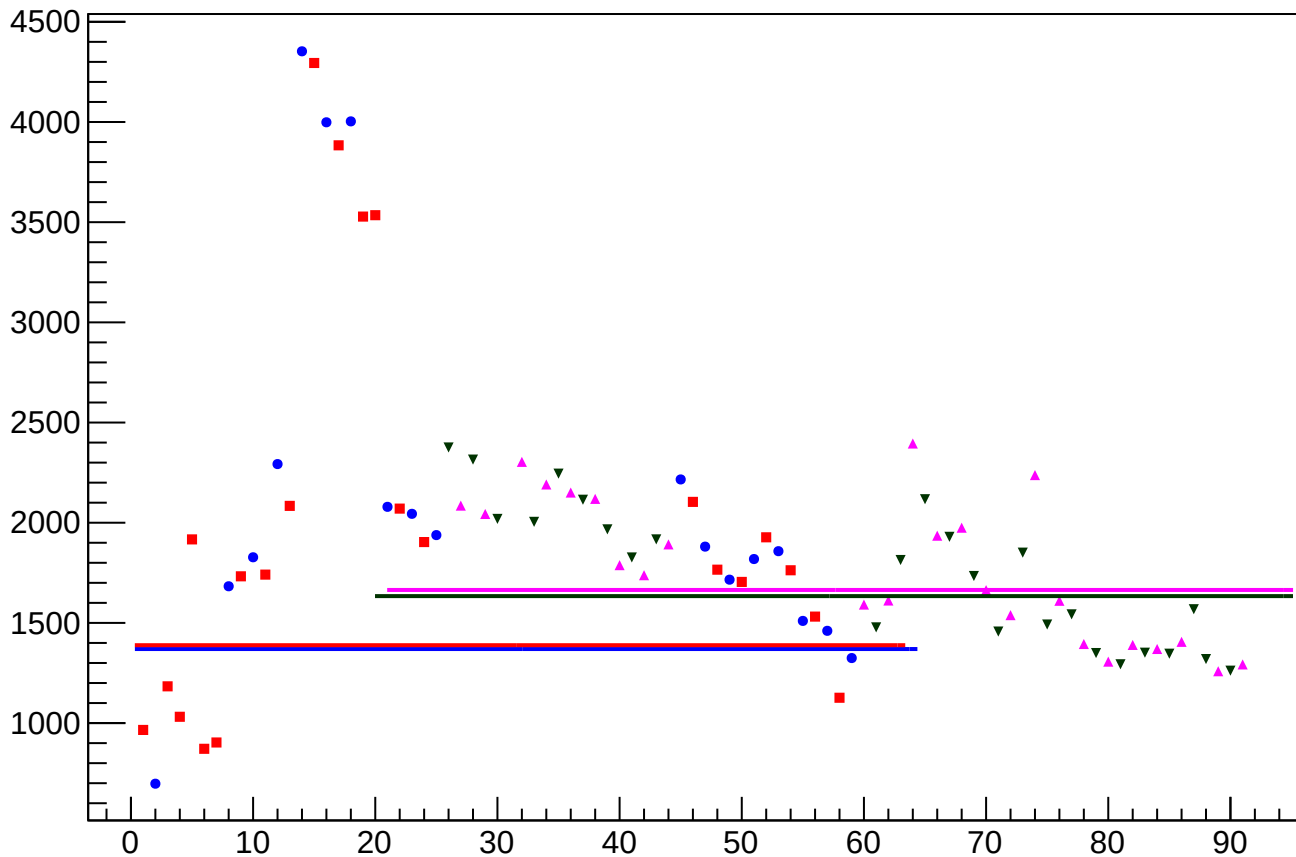
Left Out: -1988.876 ± 473.116 χ^2/NDF : 53.3/24

-135.701 ± 231.470 χ^2/NDF : 181.8/89

Right Out: 389.046 ± 466.146 χ^2/NDF : 33.4/21

Left In: -595.182 ± 457.556 χ^2/NDF : 41.5/24

asym_sam8_rms vs slug



Right In: 1369.583+/-0.322 χ^2/NDF : 4781826.3/17

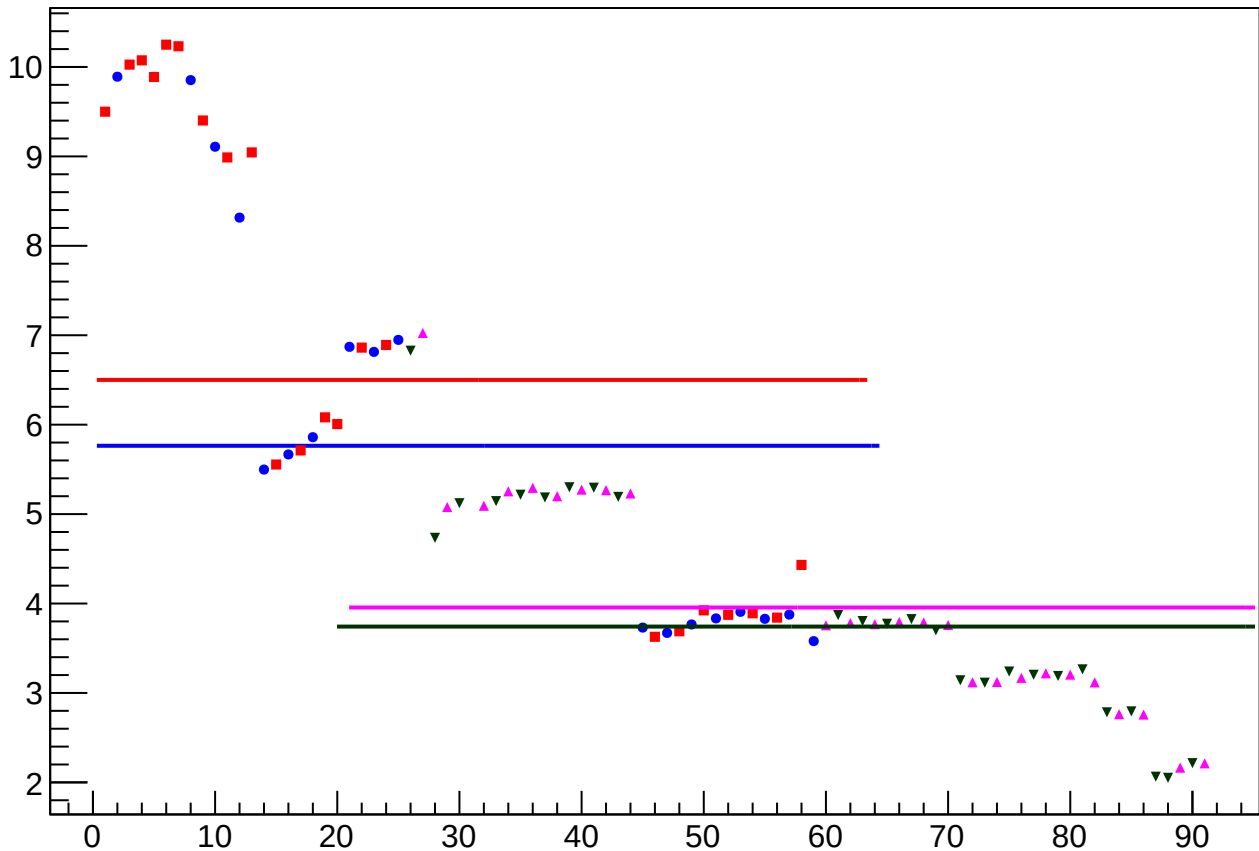
Left Out: 1633.723+/-0.335 χ^2/NDF : 967379.1/24

Right Out: 1388.727+/-0.330 χ^2/NDF : 3146016.3/21

Left In: 1664.480+/-0.324 χ^2/NDF : 1073363.0/24

1512.998+/-0.164 χ^2/NDF : 10658357.2/89

yield_sam1_mean vs slug



Right In: 5.764 $\pm$ 0.000 χ^2 /NDF: 157944729561.0/17

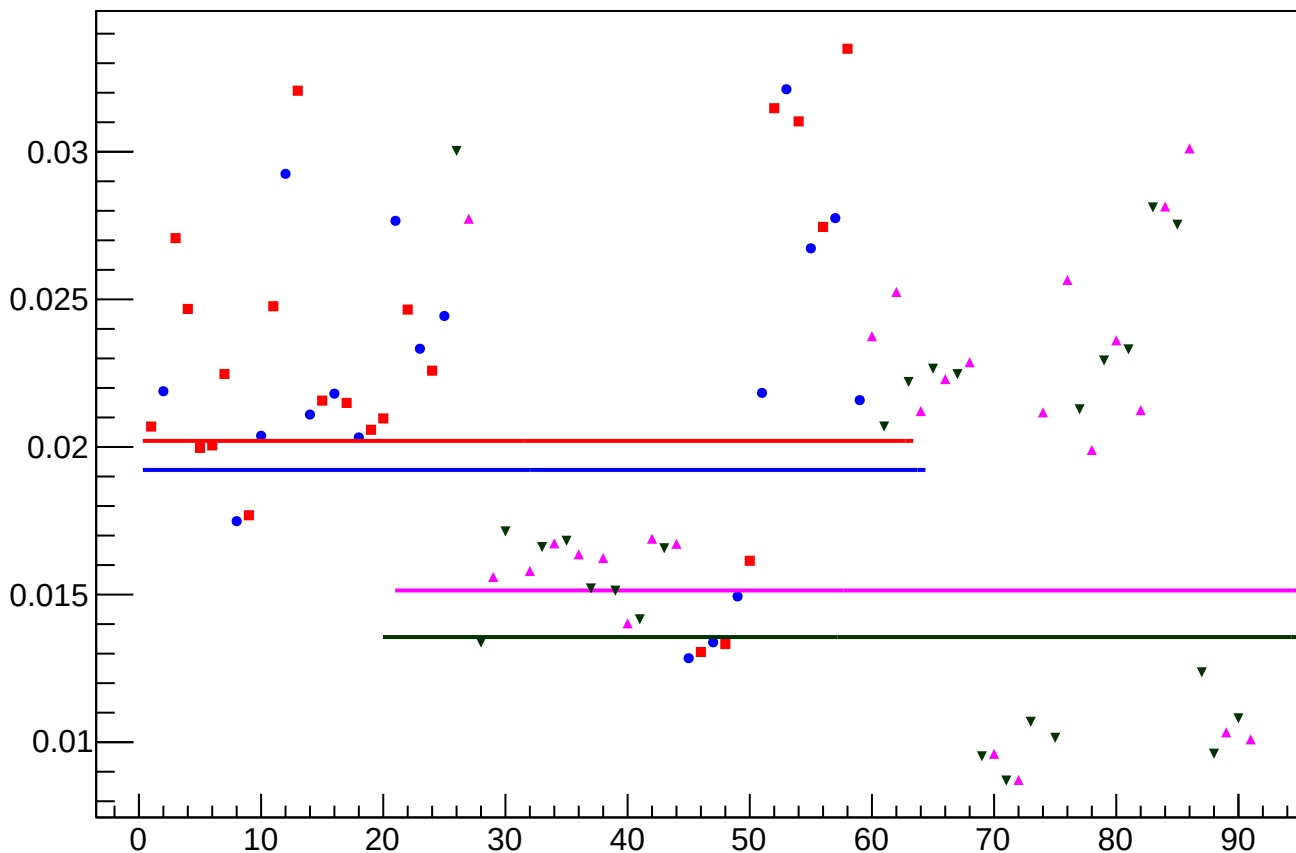
Left Out: 3.742 $\pm$ 0.000 χ^2 /NDF: 67968837969.1/24

4.575 $\pm$ 0.000 χ^2 /NDF: 619971535723.5/89

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

yield_sam1_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 1310550.9/17

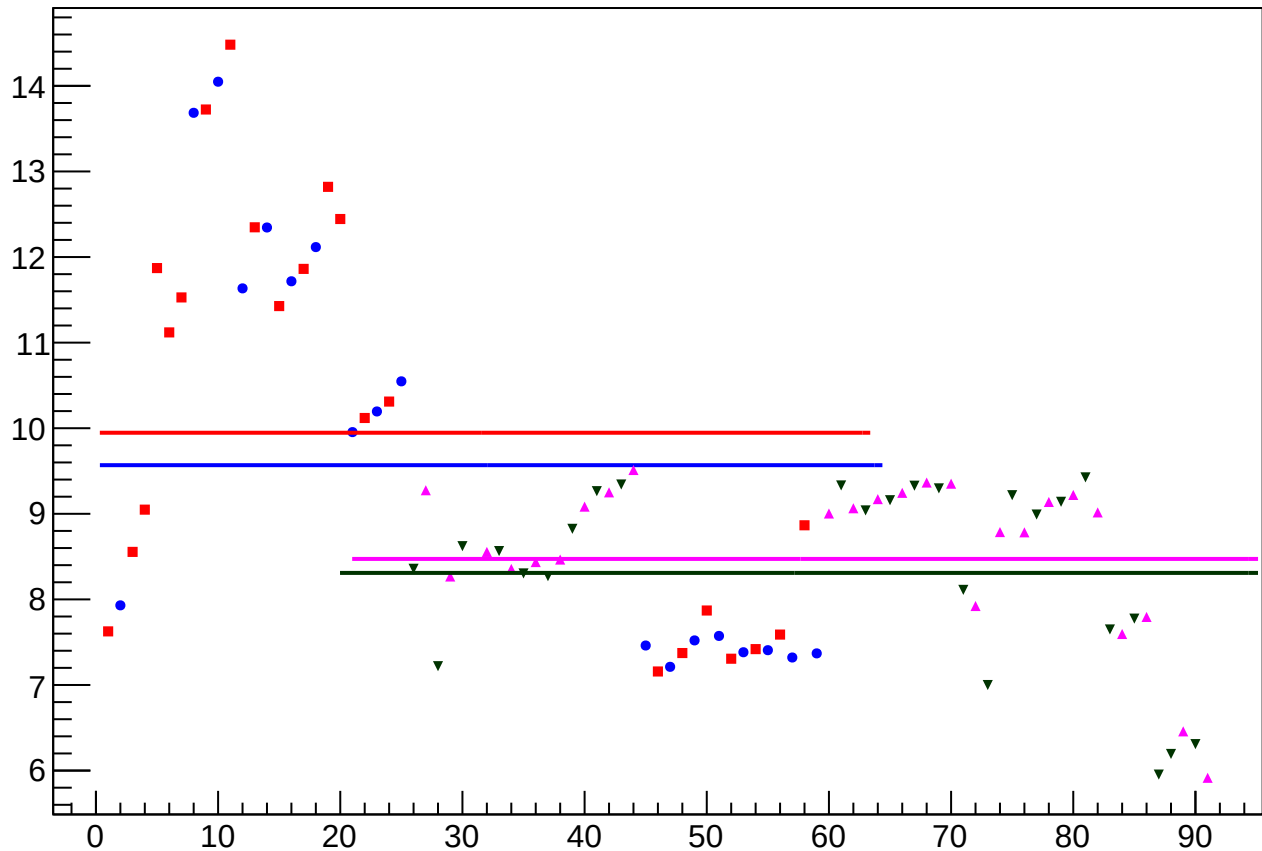
Left Out: 0.014+/-0.000 χ^2/NDF : 2785542.8/24

Right Out: 0.020+/-0.000 χ^2/NDF : 1238799.1/21

Left In: 0.015+/-0.000 χ^2/NDF : 2991887.1/24

0.016+/-0.000 χ^2/NDF : 10409236.6/89

yield_sam2_mean vs slug



Right In: 9.568 $\pm$ 0.000 χ^2 /NDF: 2557451832.8/17

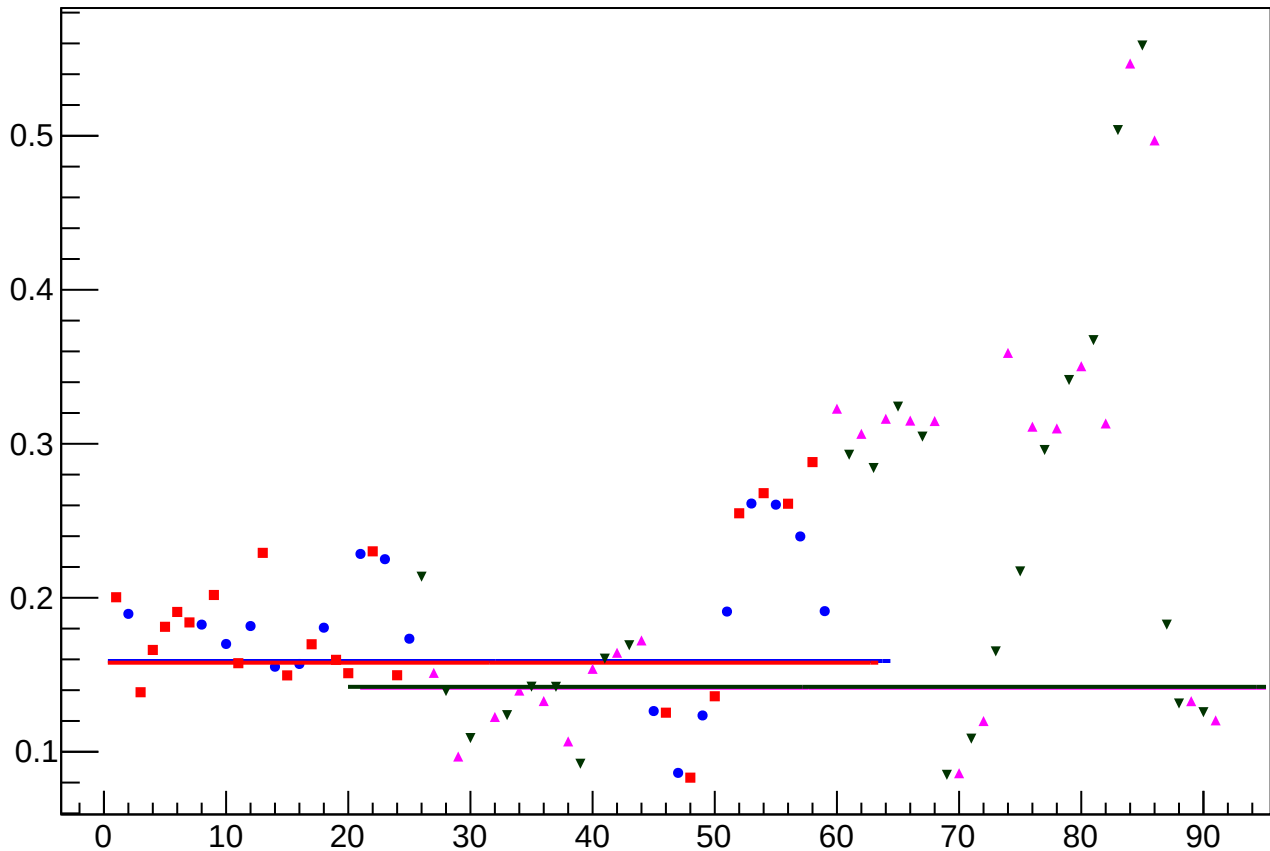
Left Out: 8.309 $\pm$ 0.000 χ^2 /NDF: 452771571.3/24

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

8.984 $\pm$ 0.000 χ^2 /NDF: 6475437952.2/89

yield_sam2_rms vs slug



Right In: 0.159+/-0.000 χ^2/NDF : 1564072.0/17

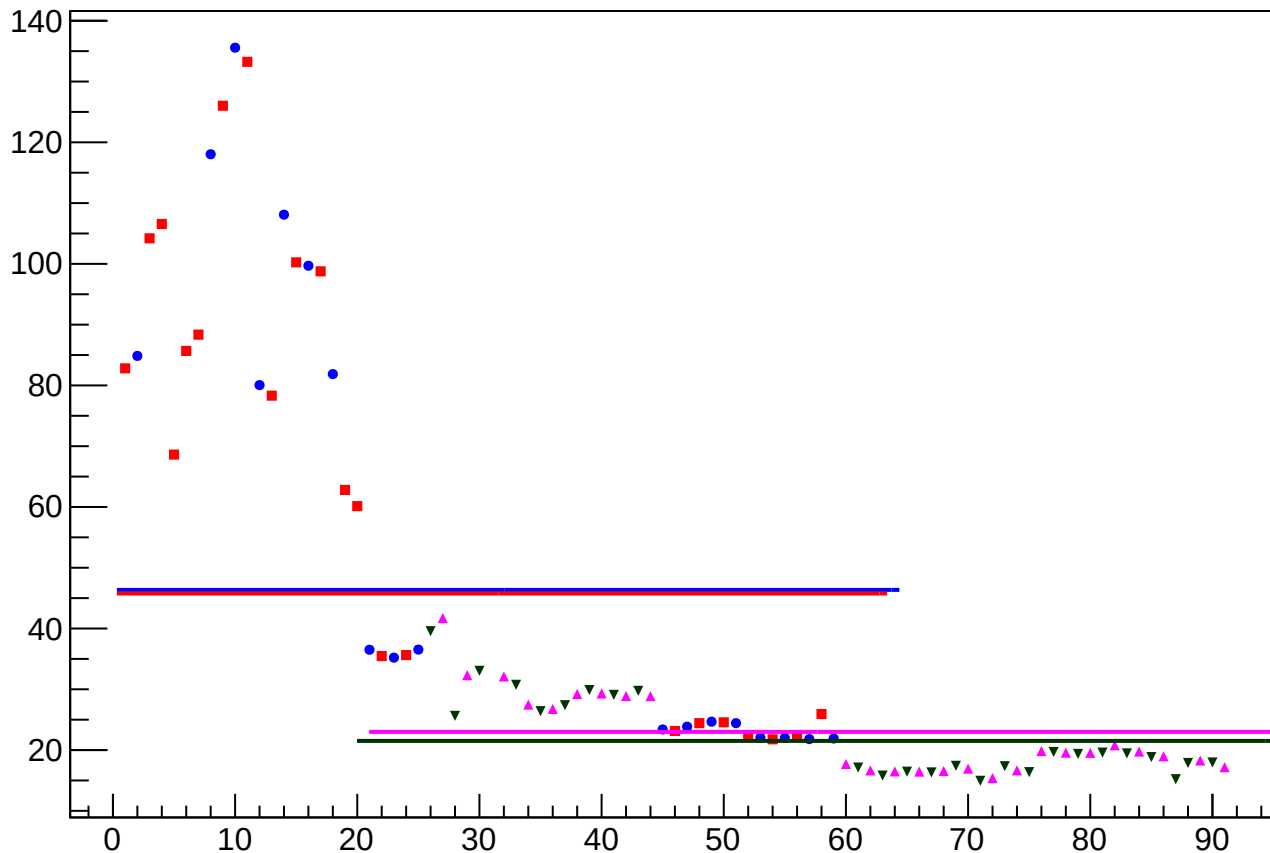
Left Out: 0.142+/-0.000 χ^2/NDF : 4259480.2/24

Right Out: 0.158+/-0.000 χ^2/NDF : 1767352.3/21

Left In: 0.142+/-0.000 χ^2/NDF : 5181506.0/24

0.149+/-0.000 χ^2/NDF : 13011259.2/89

yield_sam3_mean vs slug



Right In: 46.355+/-0.000 χ^2/NDF : 22521012973.2/17

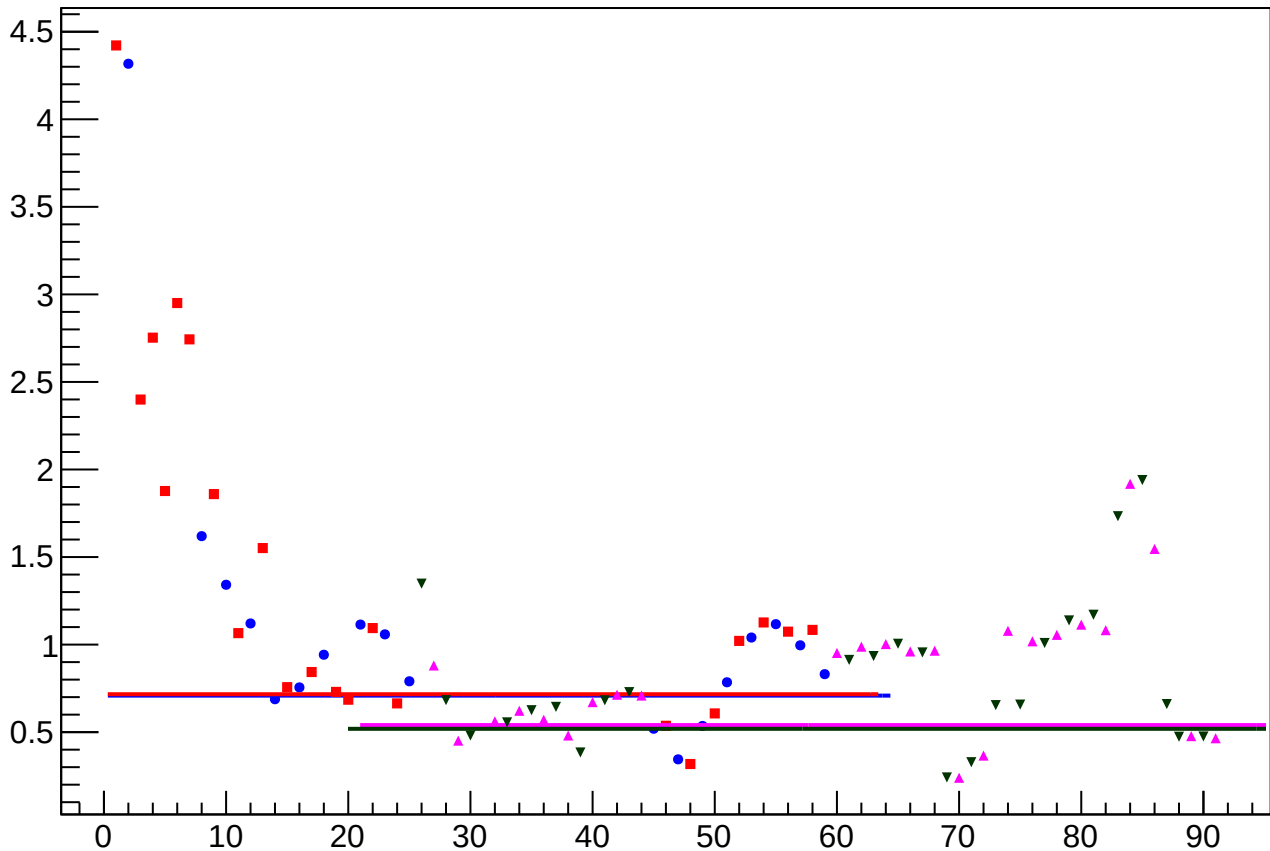
Left Out: 21.506+/-0.000 χ^2/NDF : 1420060952.8/24

Right Out: 45.757+/-0.000 χ^2/NDF : 16042493522.9/21

Left In: 22.992+/-0.000 χ^2/NDF : 1835659182.5/24

29.684+/-0.000 χ^2/NDF : 54249438650.9/89

yield_sam3_rms vs slug



Right In: 0.709+/-0.000 χ^2/NDF : 4191766.1/17

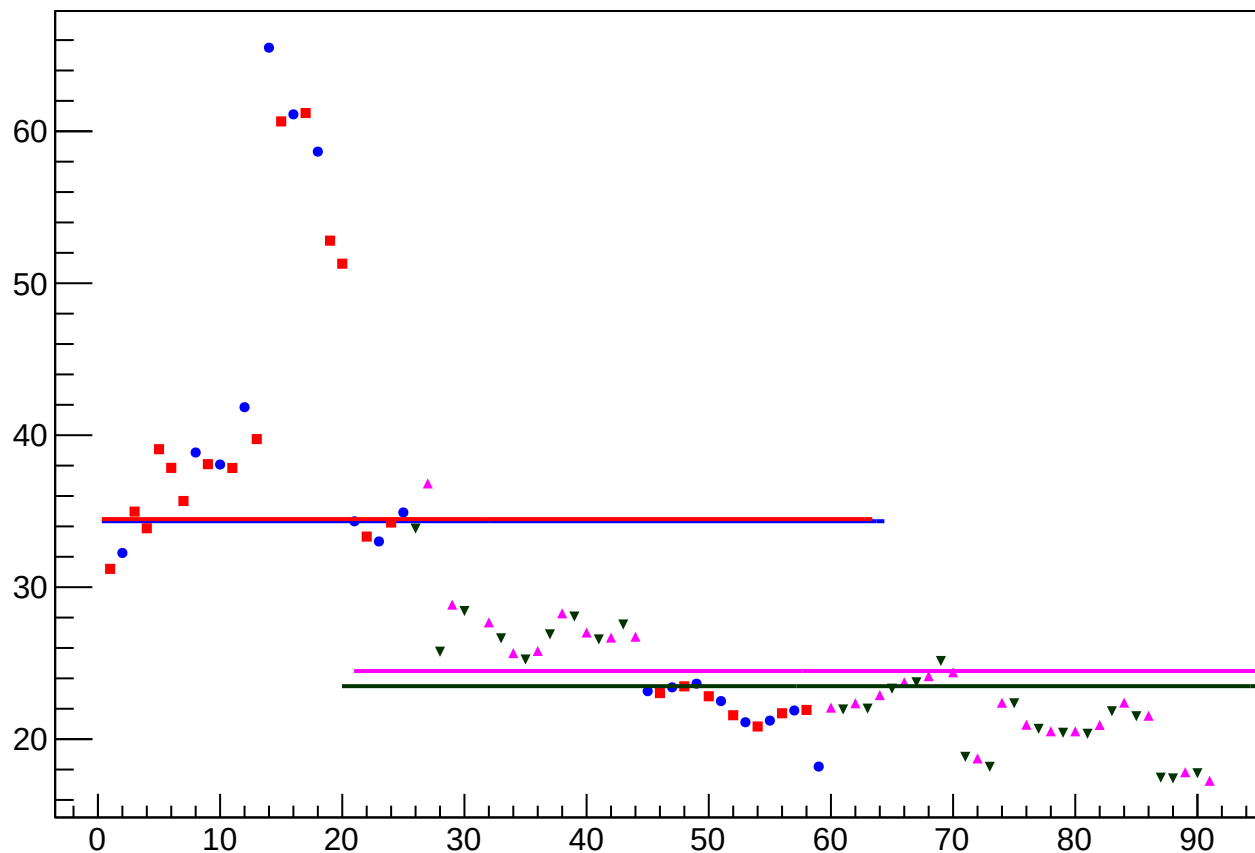
Left Out: 0.519+/-0.000 χ^2/NDF : 4986897.9/24

0.587+/-0.000 χ^2/NDF : 21266025.7/89

Right Out: 0.717+/-0.000 χ^2/NDF : 5280822.3/21

Left In: 0.540+/-0.000 χ^2/NDF : 5337088.0/24

yield_sam4_mean vs slug



Right In: 34.341+/-0.000 χ^2/NDF : 15897481293.1/17

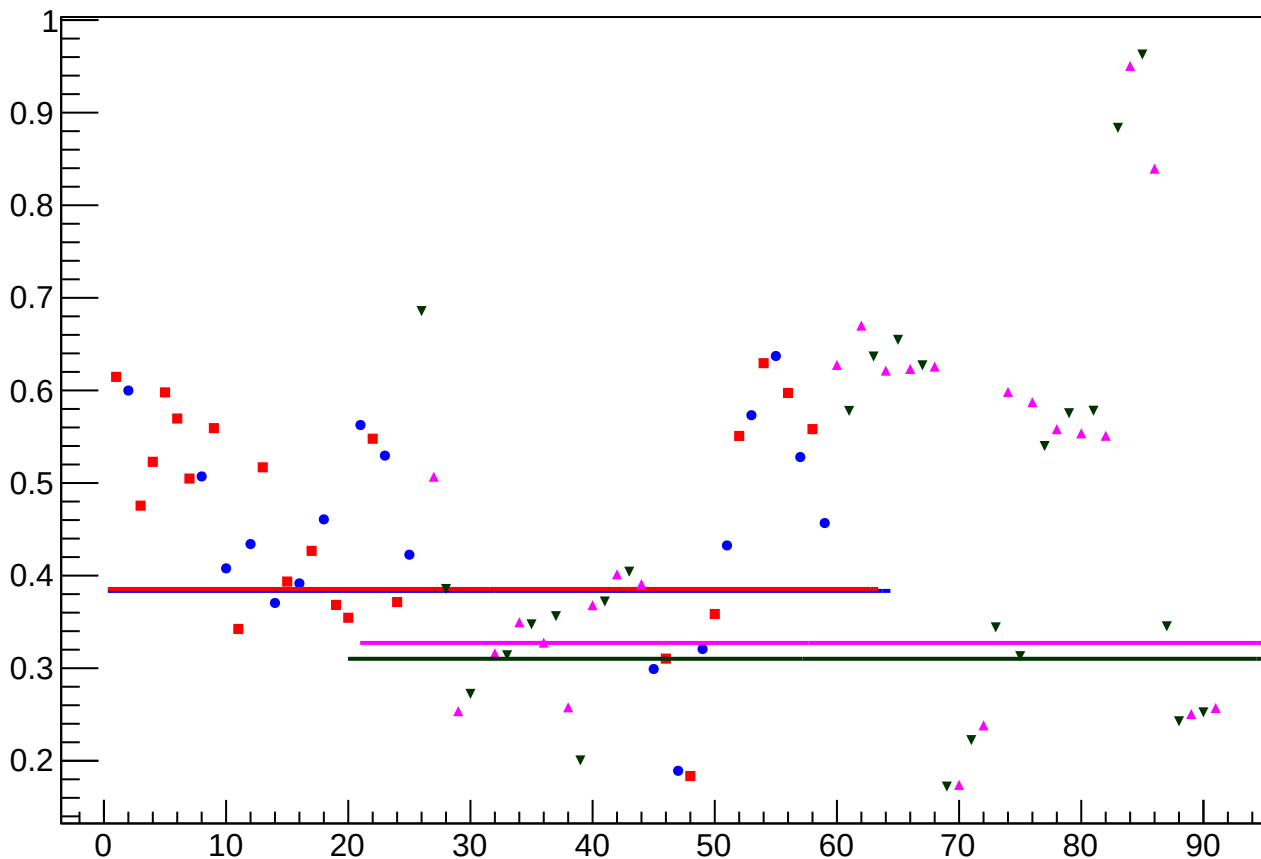
Left Out: 23.486+/-0.000 χ^2/NDF :1666920204.0/24

Right Out: 34.479+/-0.000 χ^2/NDF : 9741808820.6/21

Left In: 24.483+/-0.000 χ^2/NDF :1938891945.2/24

27.977+/-0.000 χ^2/NDF : 37753114510.4/89

yield_sam4_rms vs slug



Right In: 0.384 $\pm$ 0.000 χ^2 /NDF: 1956373.5/17

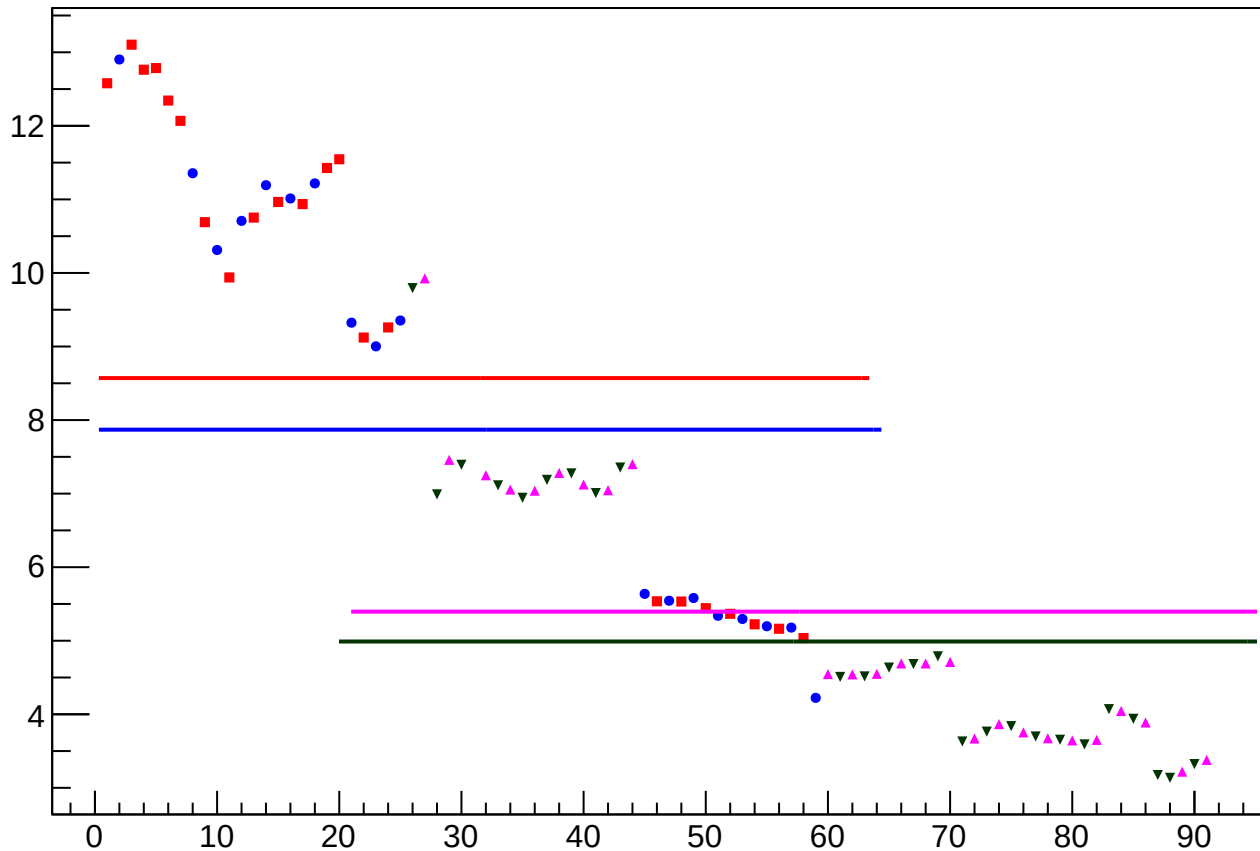
Left Out: 0.310 $\pm$ 0.000 χ^2 /NDF: 3997392.7/24

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

0.344 $\pm$ 0.000 χ^2 /NDF: 13203391.3/89

yield_sam5_mean vs slug



Right In: 7.869+/-0.000 χ^2/NDF : 120405585429.0/17

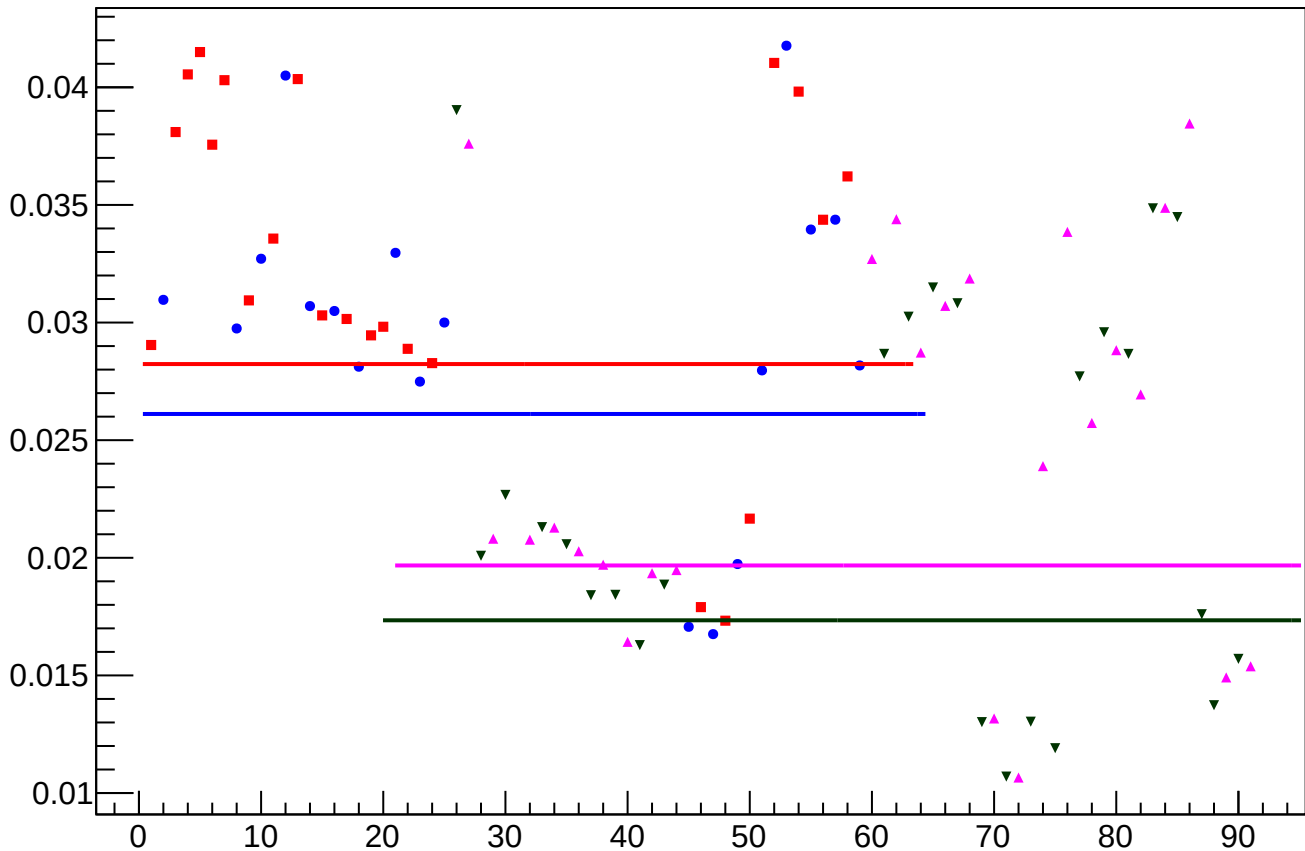
Left Out: 4.989+/-0.000 χ^2/NDF : 93172908867.5/24

6.066+/-0.000 χ^2/NDF : 570445133599.8/89

Right Out: 8.571+/-0.000 χ^2/NDF : 95303373388.7/21

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

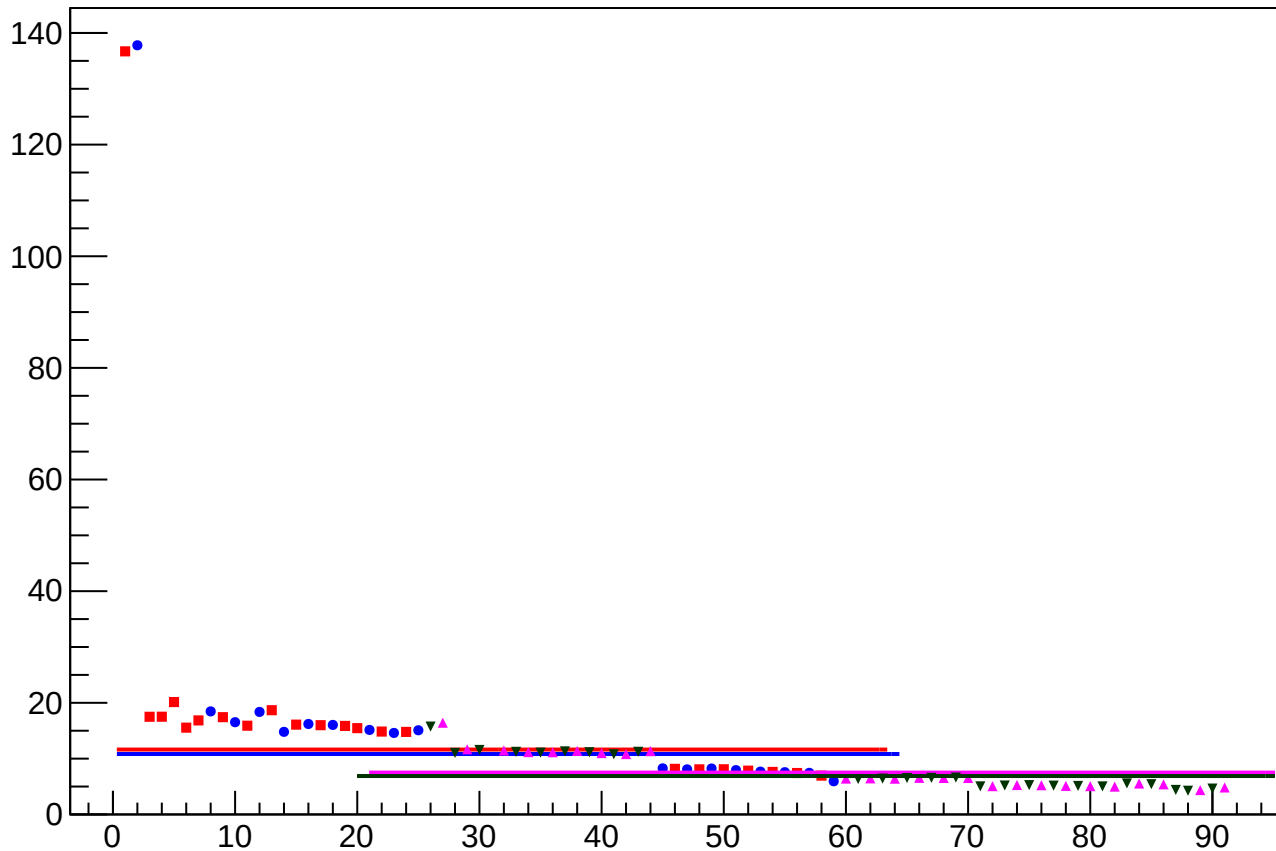
Left Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 2877811.6/24

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

0.021 $\pm$ 0.000 χ^2 /NDF: 11408353.9/89

yield_sam6_mean vs slug



Right In: 10.828+/-0.000 χ^2/NDF : 43212894200.4/17

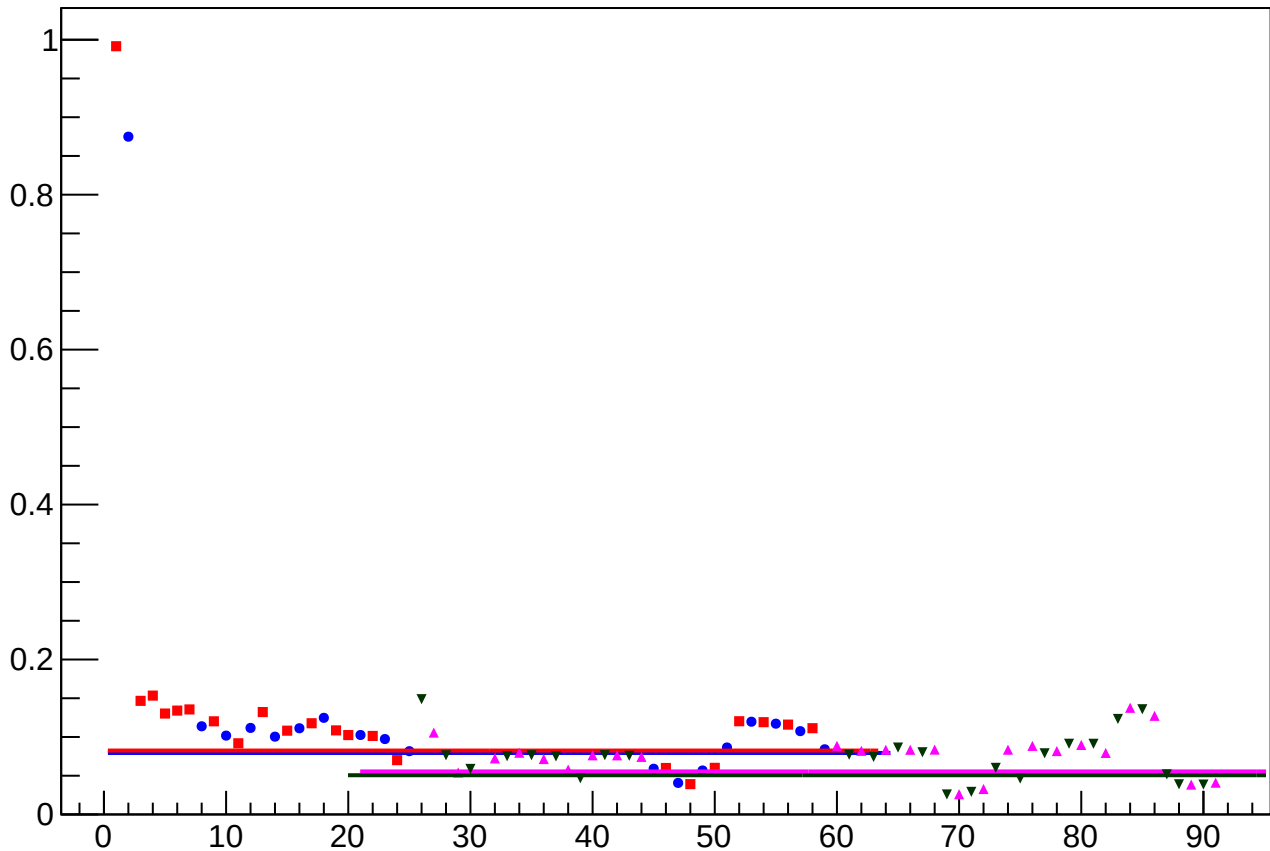
Left Out: 6.885+/-0.000 χ^2/NDF : 25531817974.5/24

Right Out: 11.626+/-0.000 χ^2/NDF : 27777129416.7/21

Left In: 7.500+/-0.000 χ^2/NDF : 30212211124.7/24

8.267+/-0.000 χ^2/NDF : 158947494381.8/89

yield_sam6_rms vs slug



Right In: 0.079+/-0.000 χ^2/NDF : 3664956.4/17

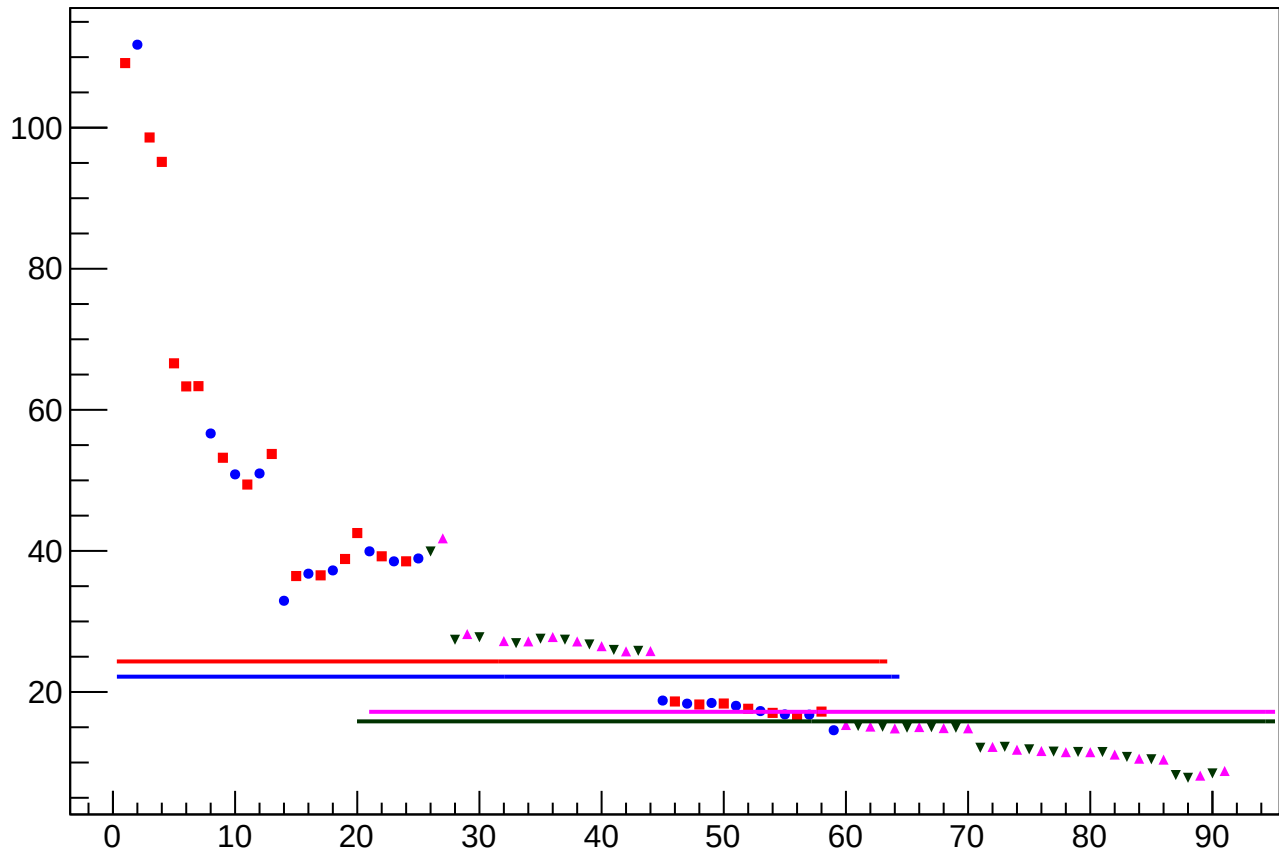
Left Out: 0.051+/-0.000 χ^2/NDF : 4487683.9/24

0.061+/-0.000 χ^2/NDF : 19302916.1/89

Right Out: 0.082+/-0.000 χ^2/NDF : 3527193.5/21

Left In: 0.056+/-0.000 χ^2/NDF : 4537493.6/24

yield_sam7_mean vs slug



Right In: 22.173+/-0.000 χ^2/NDF : 77757024823.4/17

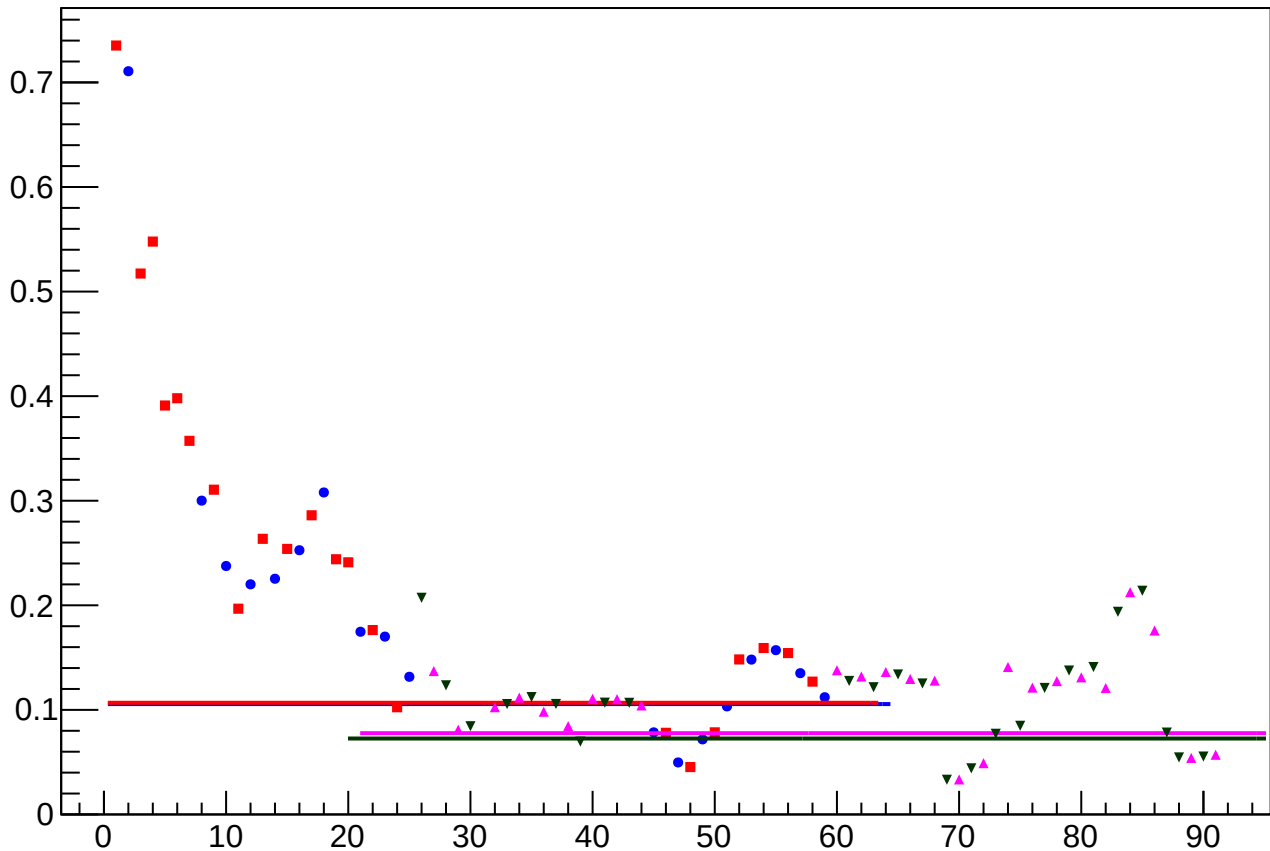
Left Out: 15.836+/-0.000 χ^2/NDF : 83449074915.7/24

Right Out: 24.330+/-0.000 χ^2/NDF : 86857417985.1/21

Left In: 17.189+/-0.000 χ^2/NDF : 106368729034.7/24

18.271+/-0.000 χ^2/NDF : 397997829083.6/89

yield_sam7_rms vs slug



Right In: 0.106+/-0.000 χ^2/NDF : 6207815.8/17

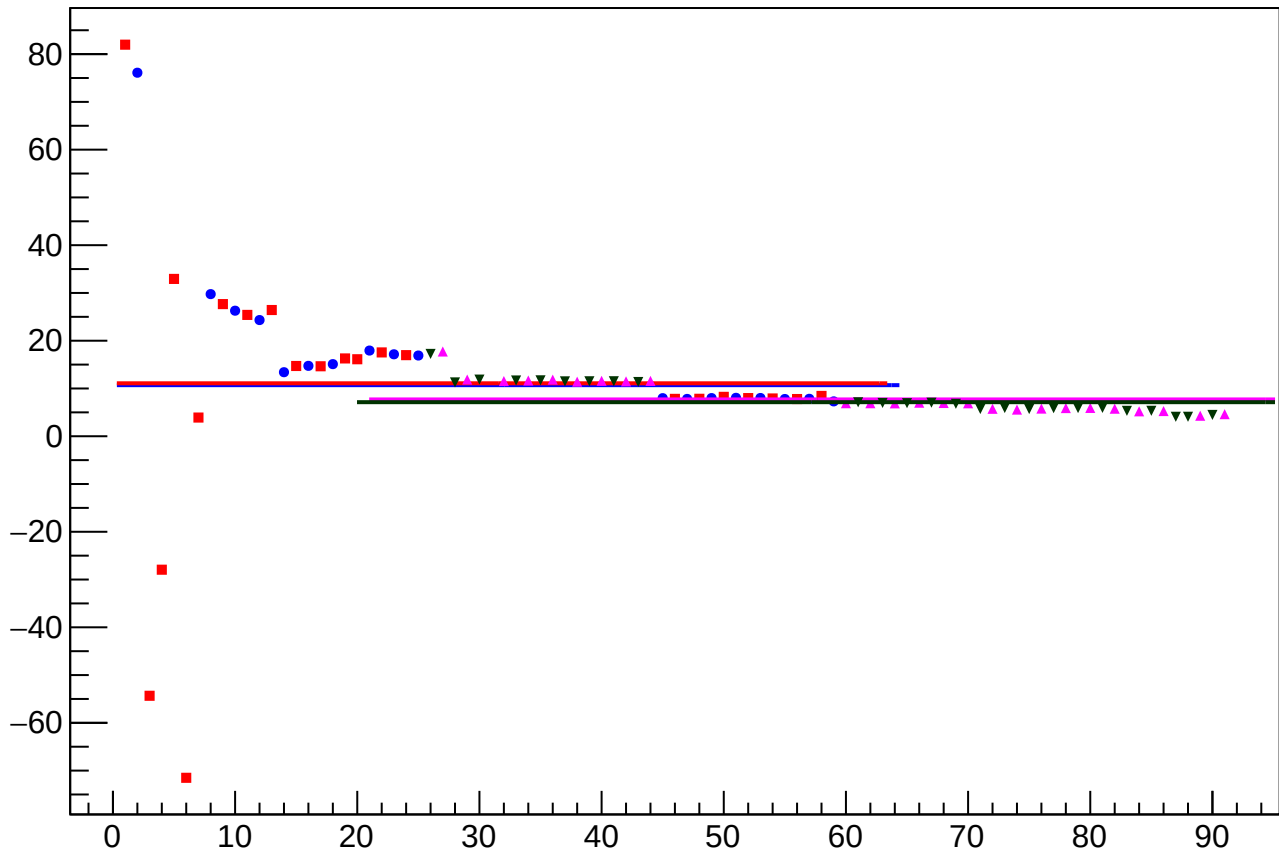
Left Out: 0.073+/-0.000 χ^2/NDF : 5128103.0/24

0.083+/-0.000 χ^2/NDF : 25516393.9/89

Right Out: 0.107+/-0.000 χ^2/NDF : 7065144.7/21

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

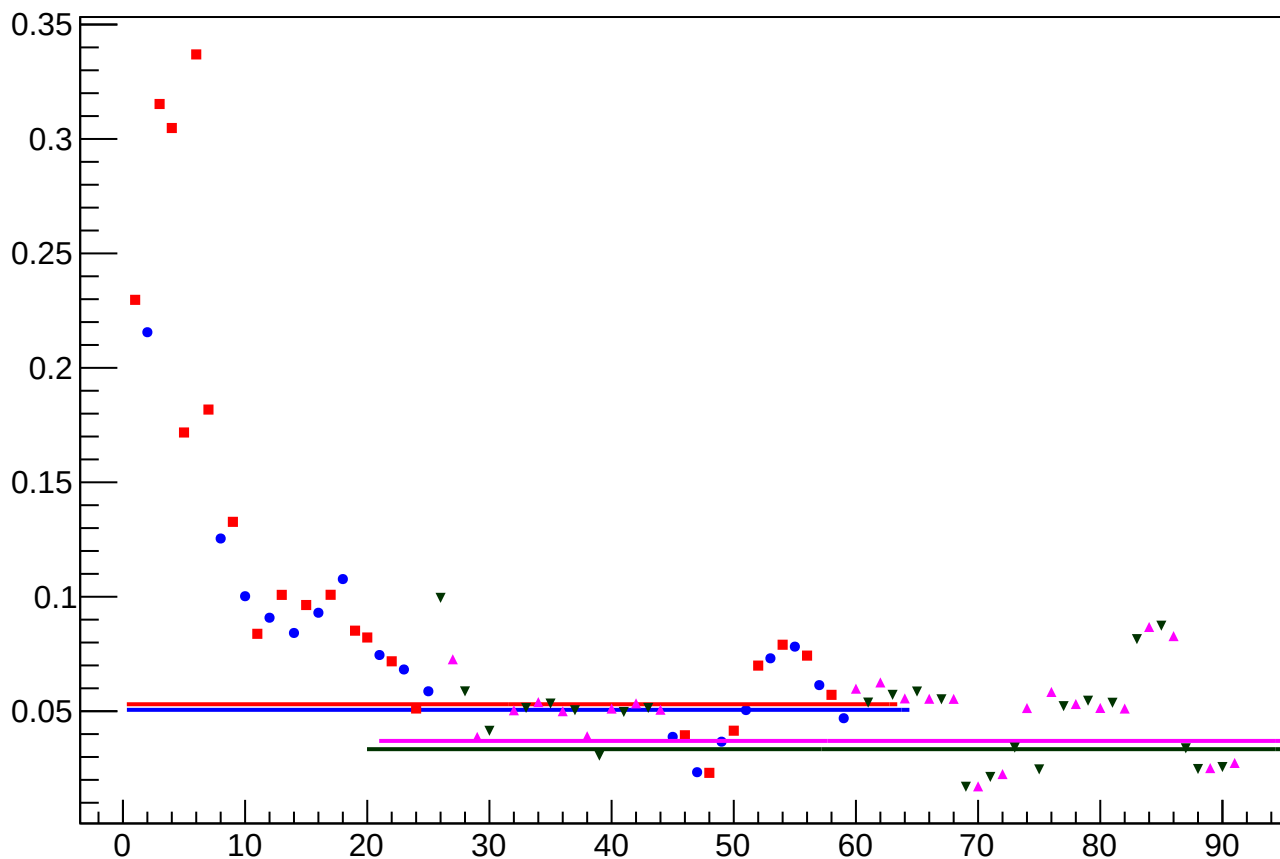
Left Out: 7.132+/-0.000 χ^2/NDF : 60068191012.7/24

8.296+/-0.000 χ^2/NDF : 520271845254.5/89

Right Out: 11.086+/-0.000 χ^2/NDF : 170498539346.7/21

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

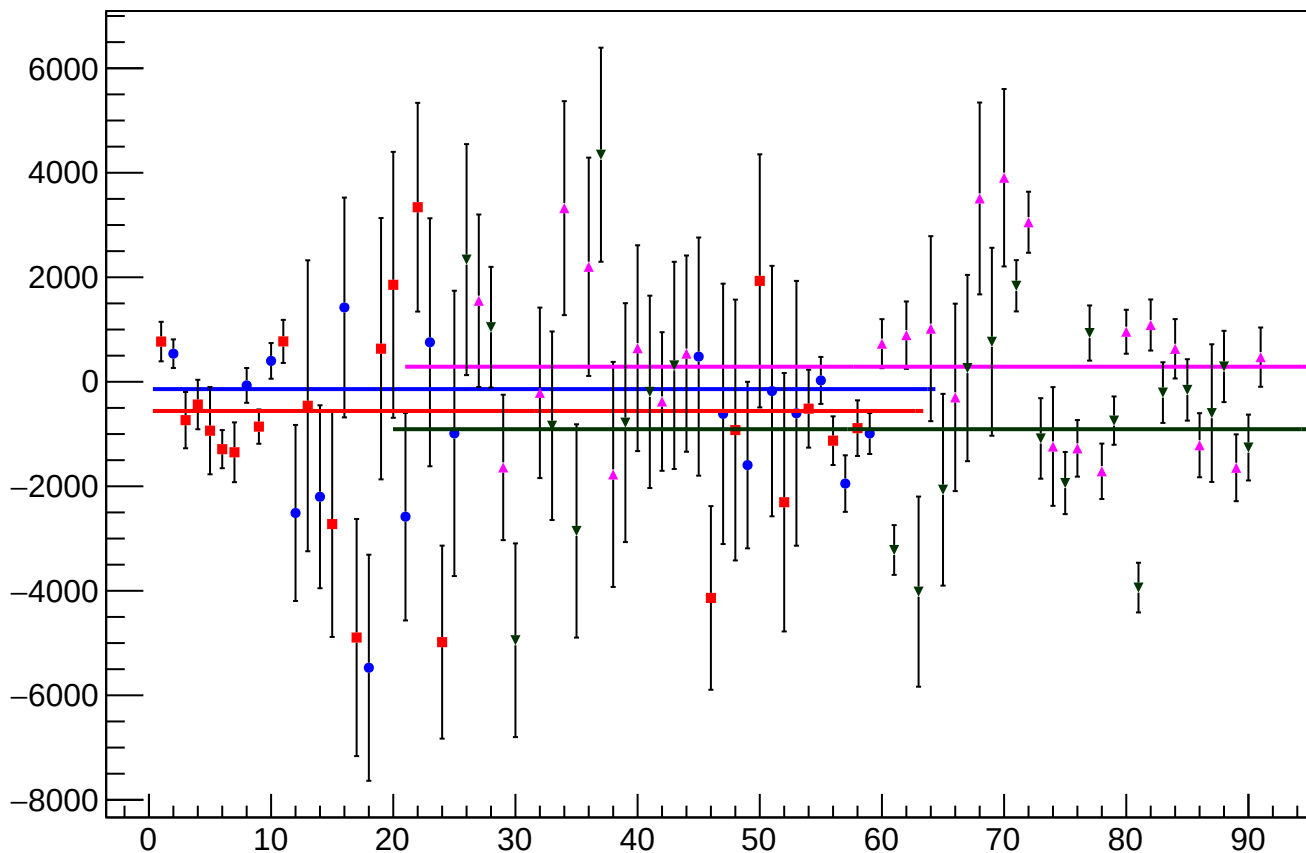
Left Out: 0.033+/-0.000 χ^2/NDF : 4563861.0/24

Right Out: 0.053+/-0.000 χ^2/NDF : 5921530.1/21

Left In: 0.037+/-0.000 χ^2/NDF : 4594456.9/24

0.039+/-0.000 χ^2/NDF : 22417473.1/89

cor_sam1_mean vs slug



Right In: -140.065+/-143.473 χ^2/NDF : 37.4/17

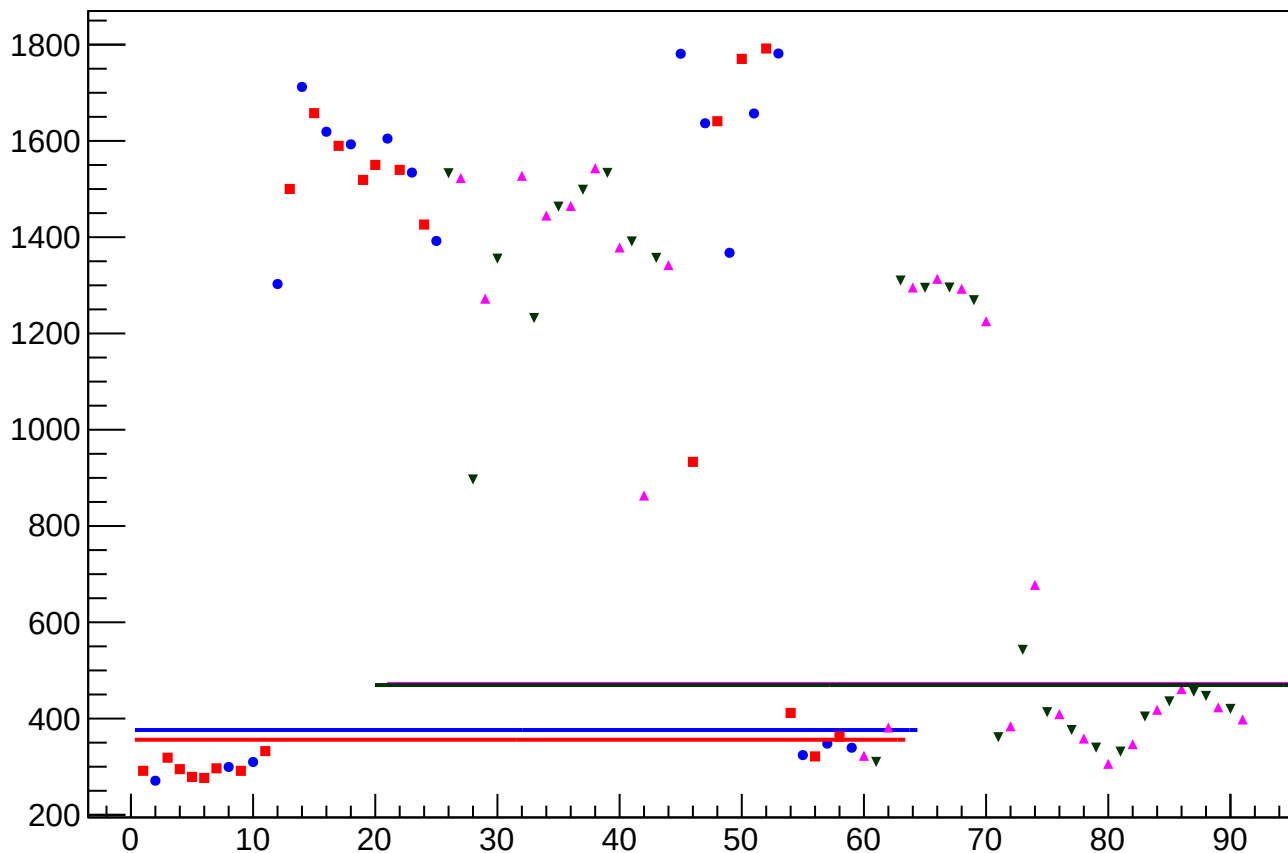
Left Out: -907.189+/-156.402 χ^2/NDF : 139.8/24

Right Out: -558.324+/-135.799 χ^2/NDF : 52.8/21

Left In: 288.536+/-152.314 χ^2/NDF : 84.1/24

-330.471+/-73.168 χ^2/NDF : 348.8/89

cor_sam1_rms vs slug



Right In: 376.219+/-0.101 χ^2/NDF : 8380170.3/17

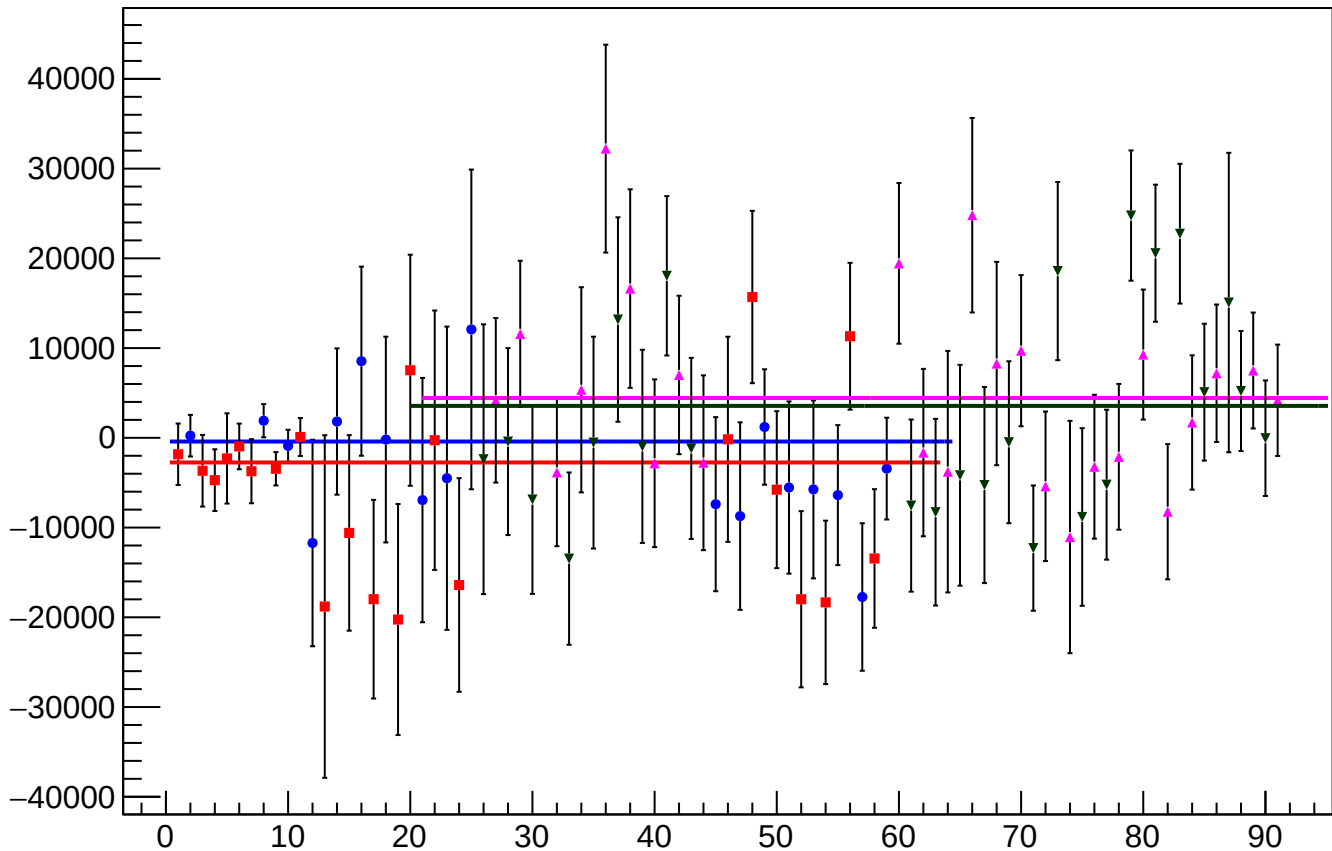
Left Out: 469.635+/-0.111 χ^2/NDF : 6315272.4/24

Right Out: 356.056+/-0.096 χ^2/NDF : 6346000.8/21

Left In: 472.039+/-0.108 χ^2/NDF : 7380471.4/24

412.922+/-0.052 χ^2/NDF : 29467752.4/89

cor_sam2_mean vs slug



Right In: -411.111 $\pm$ 1015.494 χ^2 /NDF: 11.4/17

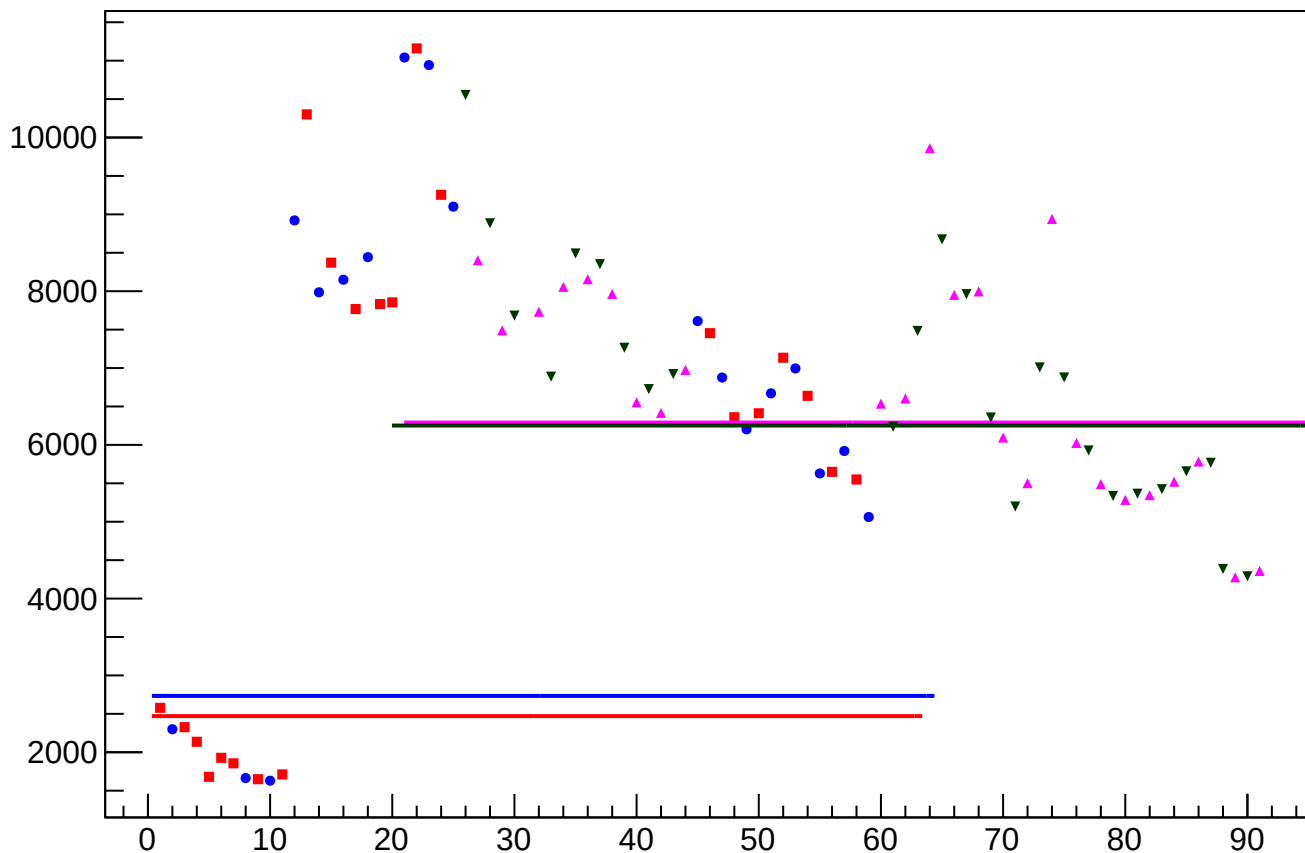
Left Out: 3558.894 $\pm$ 1819.561 χ^2 /NDF: 42.8/24

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

-361.920 $\pm$ 602.917 χ^2 /NDF: 122.8/89

cor_sam2_rms vs slug



Right In: 2733.475+/-0.718 χ^2/NDF : 8427251.1/17

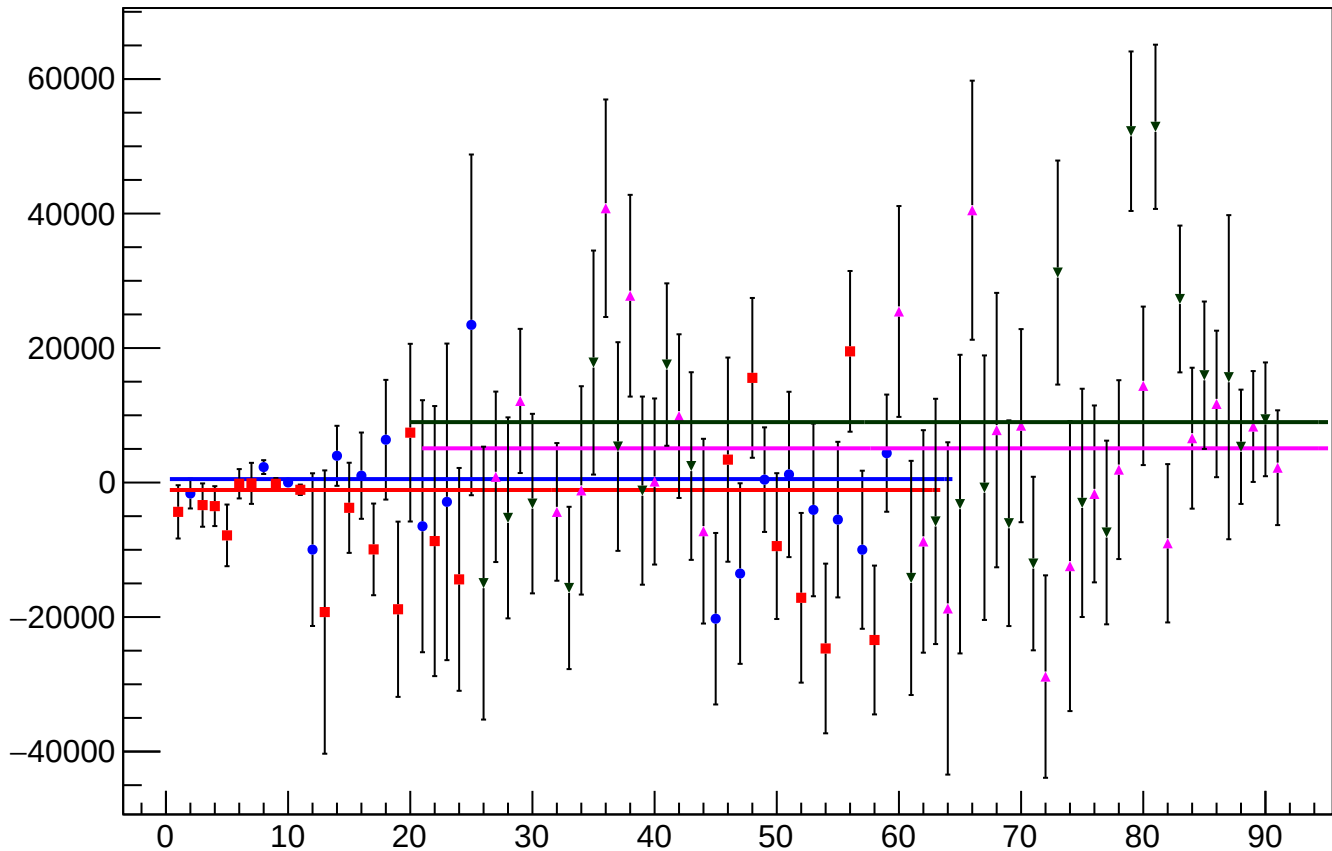
Left Out: 6251.743+/-1.287 χ^2/NDF : 1169303.7/24

Right Out: 2470.233+/-0.660 χ^2/NDF : 6925525.7/21

Left In: 6290.987+/-1.227 χ^2/NDF : 1217712.1/24

3439.735+/-0.426 χ^2/NDF : 31042844.9/89

cor_sam3_mean vs slug



Right In: 515.373 $\pm$ 529.015 χ^2 /NDF: 12.5/17

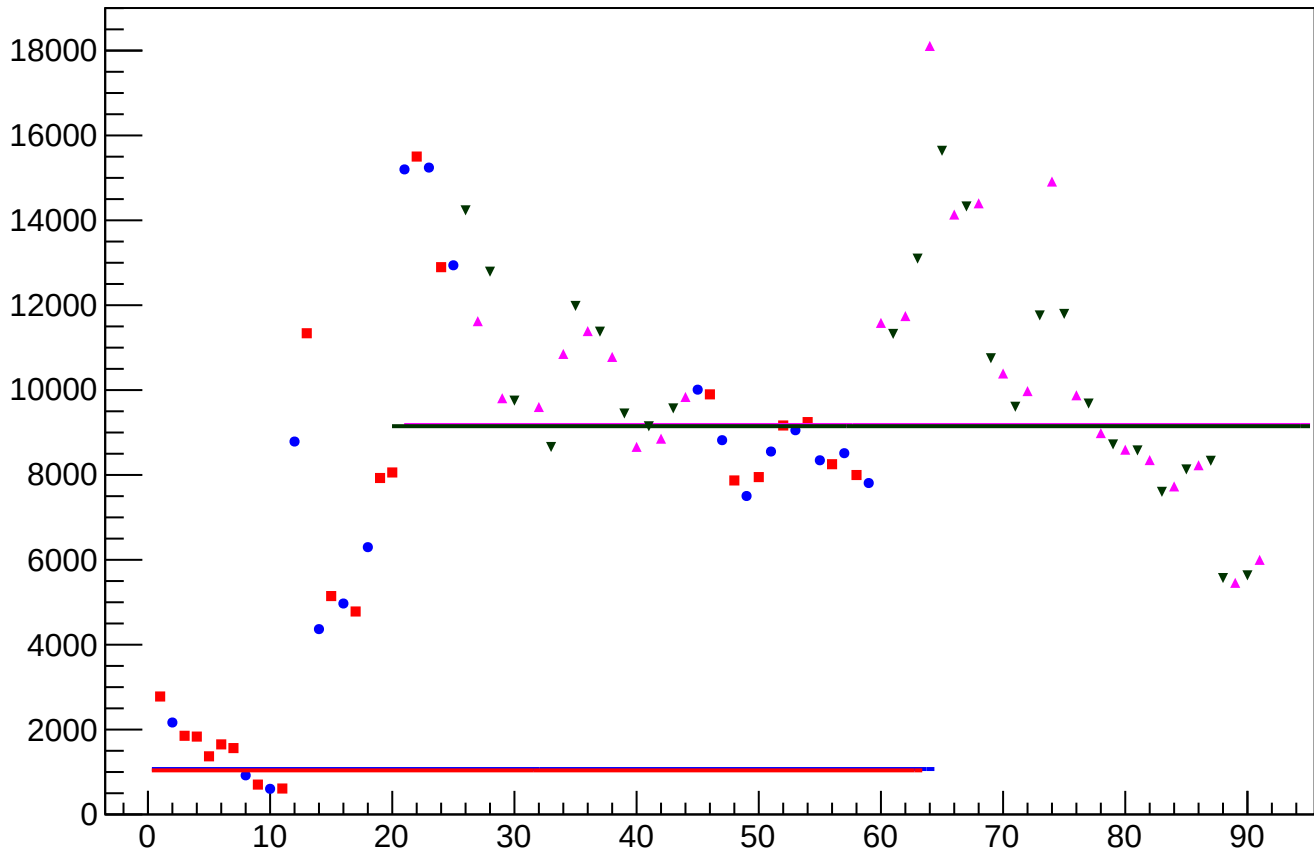
Left Out: 8986.162 $\pm$ 2692.279 χ^2 /NDF: 48.9/24

-50.255 $\pm$ 360.311 χ^2 /NDF: 133.5/89

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

cor_sam3_rms vs slug



Right In: 1070.277 $\pm$ 0.374 χ^2 /NDF: 14578704.6/17

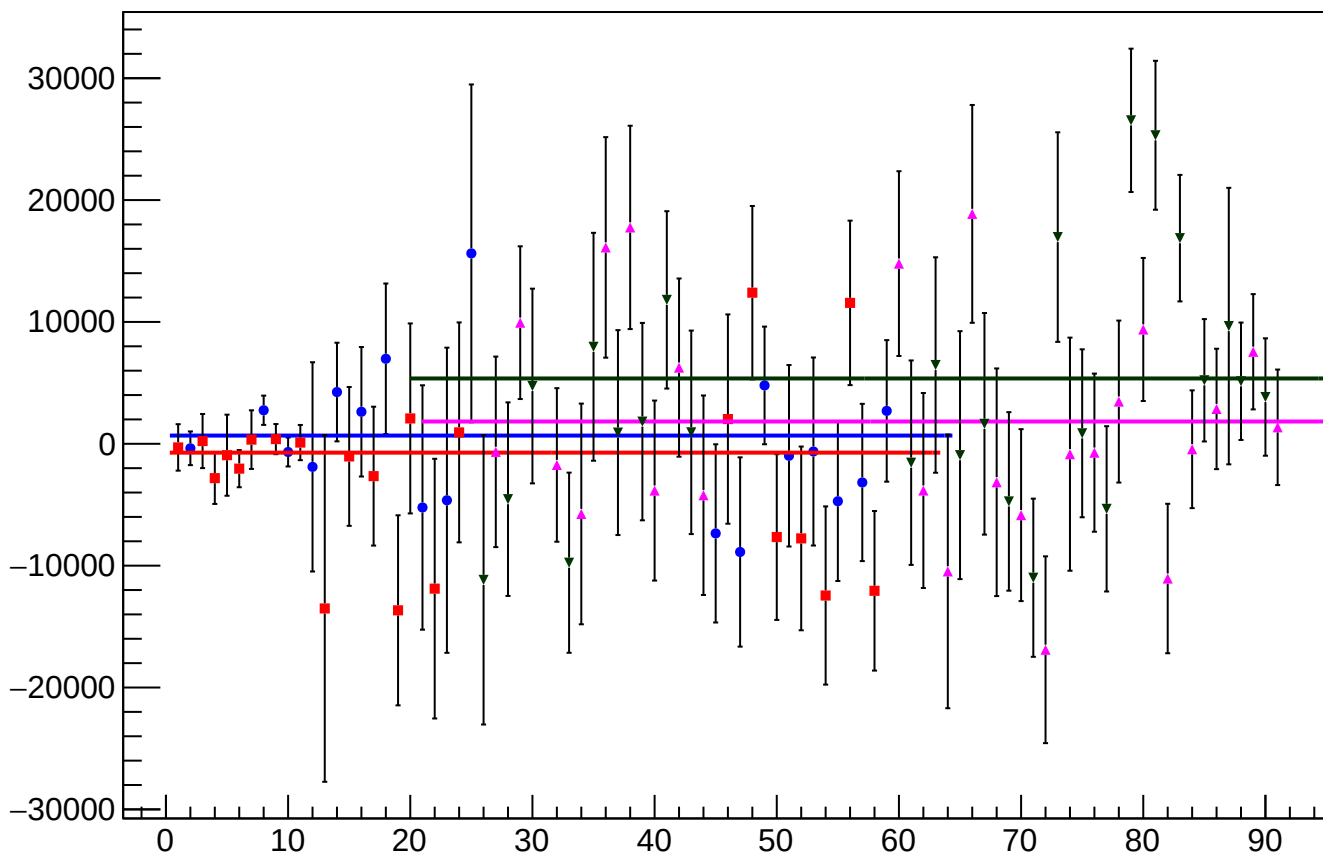
Left Out: 9149.037 $\pm$ 1.904 χ^2 /NDF:1679795.1/24

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

1360.717 $\pm$ 0.255 χ^2 /NDF: 67021285.4/89

cor_sam4_mean vs slug



Right In: 675.539+/-663.355 χ^2/NDF : 13.3/17

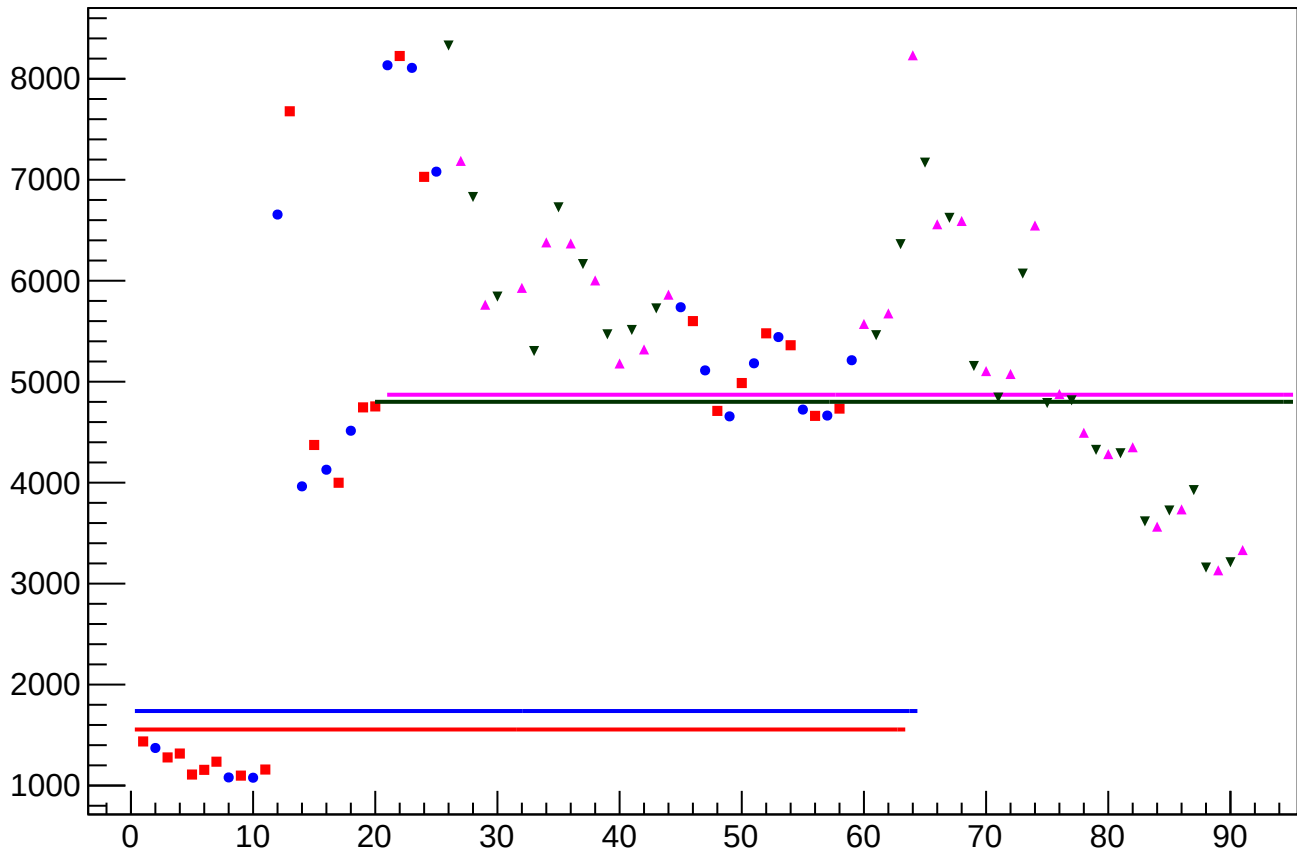
Left Out: 5361.523+/-1407.384 χ^2/NDF : 52.3/24

Right Out: -725.717+/-599.388 χ^2/NDF : 22.5/21

Left In: 1830.203+/-1353.627 χ^2/NDF : 34.2/24

527.441+/-404.669 χ^2/NDF : 139.5/89

cor_sam4_rms vs slug



Right In: 1738.145 $\pm$ 0.469 χ^2 /NDF: 9194216.7/17

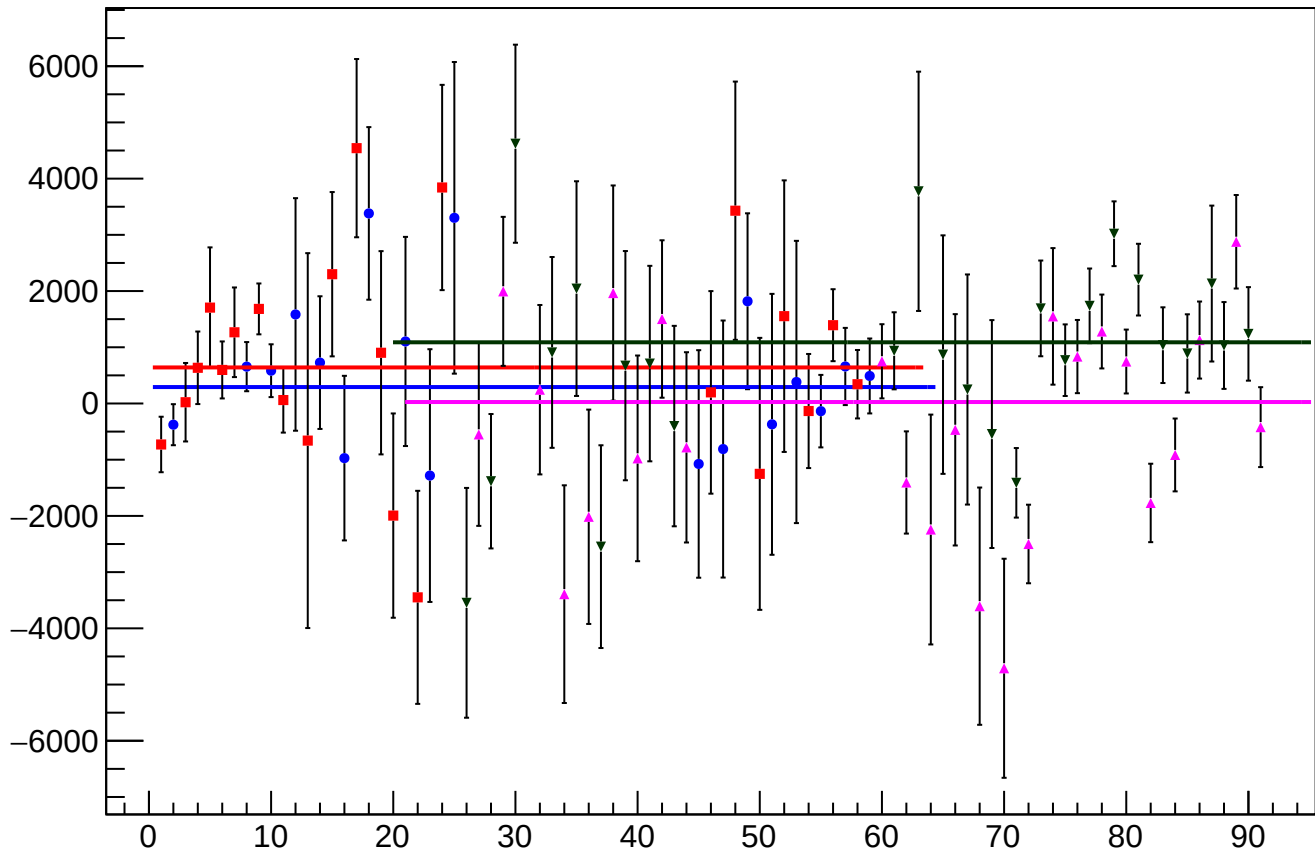
Left Out: 4800.768 $\pm$ 0.995 χ^2 /NDF:1542154.3/24

Right Out: 1555.208 $\pm$ 0.424 χ^2 /NDF: 7440592.2/21

Left In: 4870.940 $\pm$ 0.957 χ^2 /NDF:1654901.6/24

2187.948 $\pm$ 0.286 χ^2 /NDF: 37730694.4/89

cor_sam5_mean vs slug



Right In: 292.259 ± 190.029 χ^2/NDF : 14.2/17

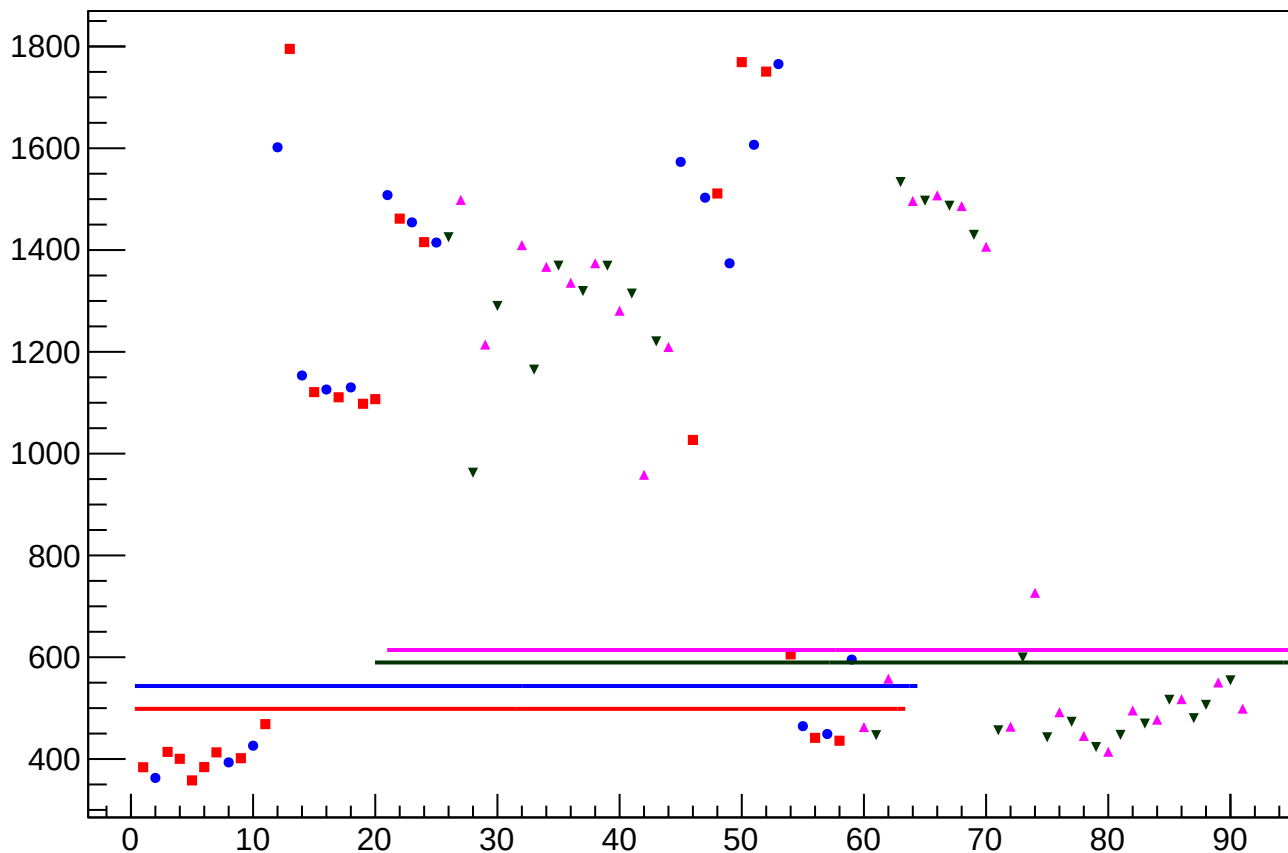
Left Out: 1088.451 ± 188.197 χ^2/NDF : 54.0/24

Right Out: 641.189 ± 177.189 χ^2/NDF : 38.2/21

Left In: 26.002 ± 187.912 χ^2/NDF : 68.0/24

516.667 ± 92.809 χ^2/NDF : 192.4/89

cor_sam5_rms vs slug



Right In: 543.431+/-0.134 χ^2/NDF : 5987396.2/17

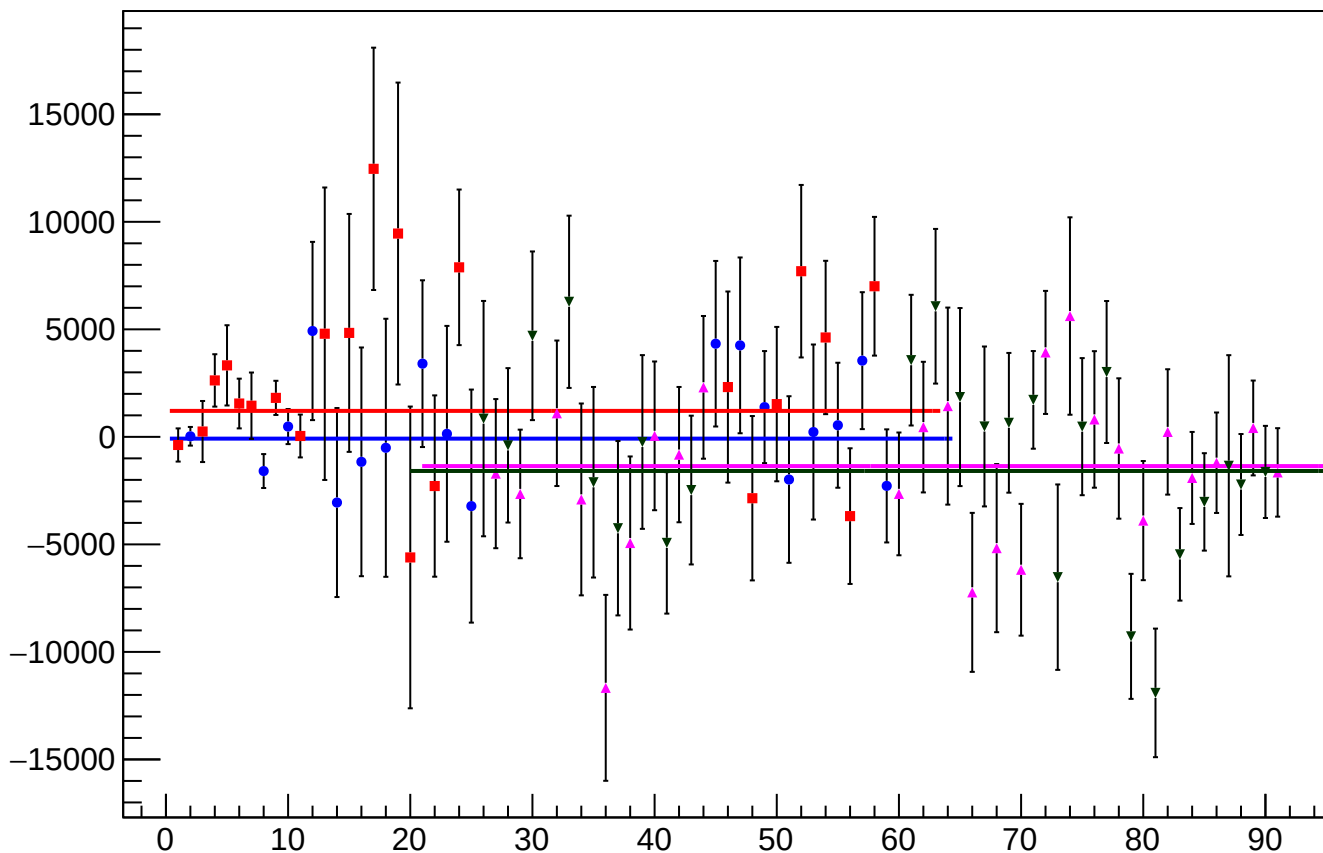
Left Out: 589.664+/-0.133 χ^2/NDF : 4851795.2/24

Right Out: 498.546+/-0.125 χ^2/NDF : 4577913.1/21

Left In: 614.183+/-0.133 χ^2/NDF : 5442899.9/24

559.619+/-0.066 χ^2/NDF : 21331729.2/89

cor_sam6_mean vs slug



Right In: -82.068 ± 324.551 χ^2/NDF : 12.3/17

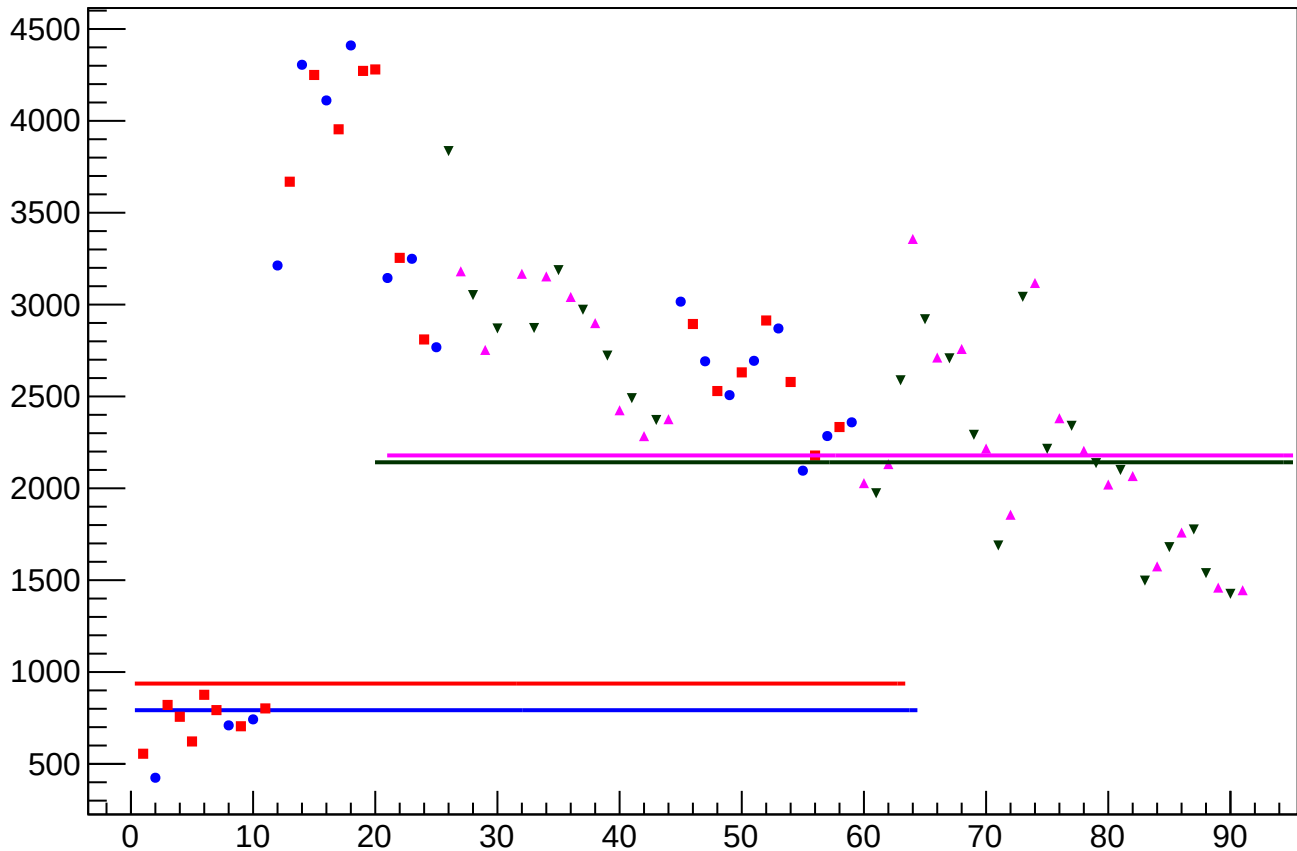
Left Out: -1585.970 ± 630.620 χ^2/NDF : 45.7/24

Right Out: 1207.767 ± 360.630 χ^2/NDF : 30.9/21

Left In: -1358.711 ± 608.392 χ^2/NDF : 23.7/24

37.890 ± 211.293 χ^2/NDF : 135.2/89

cor_sam6_rms vs slug



Right In: 792.279+/-0.229 χ^2/NDF : 10932541.6/17

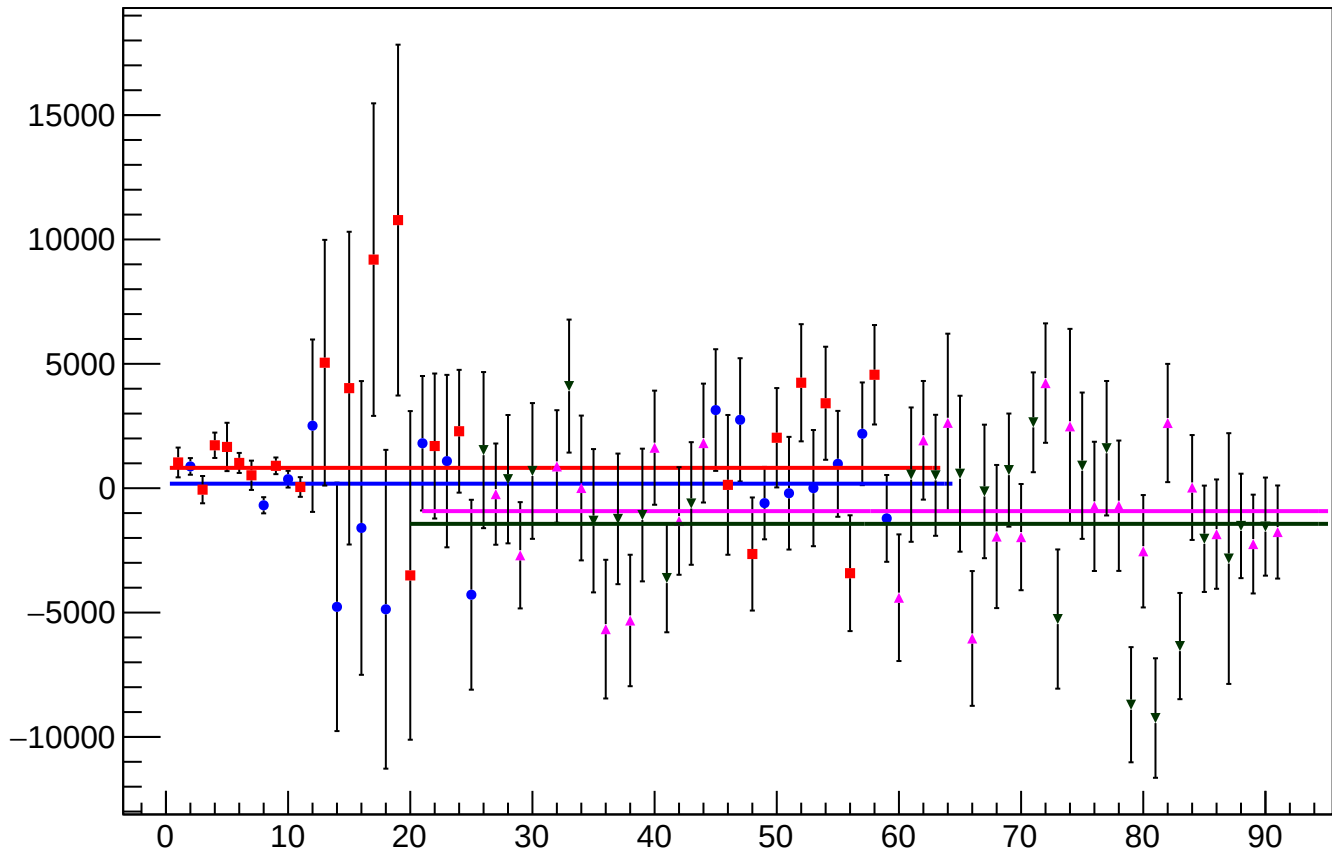
Left Out: 2141.679+/-0.446 χ^2/NDF : 1685555.3/24

Right Out: 937.210+/-0.255 χ^2/NDF : 7268305.3/21

Left In: 2178.963+/-0.430 χ^2/NDF : 1712266.2/24

1160.774+/-0.149 χ^2/NDF : 35386162.8/89

cor_sam7_mean vs slug



Right In: 181.505+/-183.669 χ^2/NDF : 20.2/17

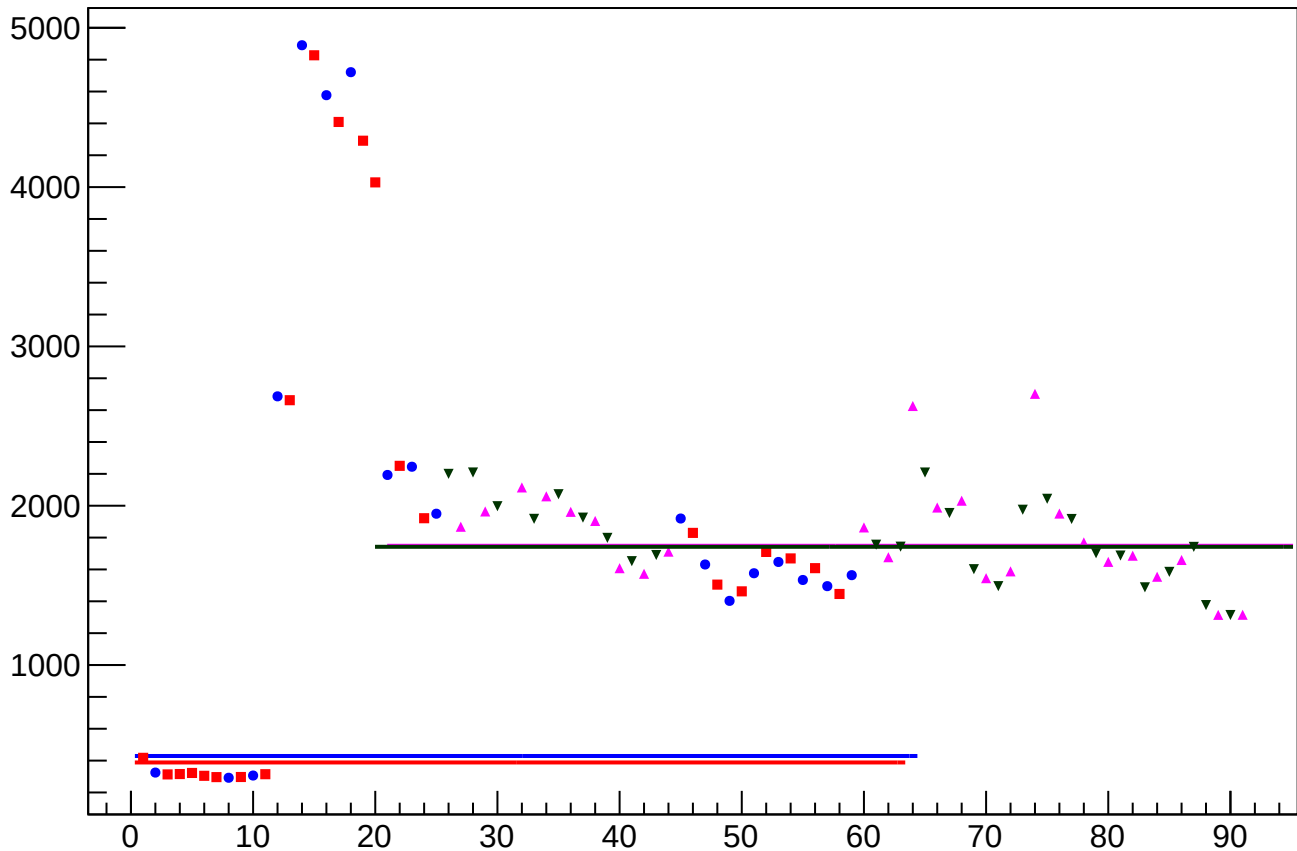
Left Out: -1433.488+/-500.199 χ^2/NDF : 43.9/24

345.854+/-115.320 χ^2/NDF : 149.6/89

Right Out: 817.819+/-164.024 χ^2/NDF : 29.5/21

Left In: -921.685+/-477.506 χ^2/NDF : 27.1/24

cor_sam7_rms vs slug



Right In: 428.973+/-0.130 χ^2/NDF : 11944321.5/17

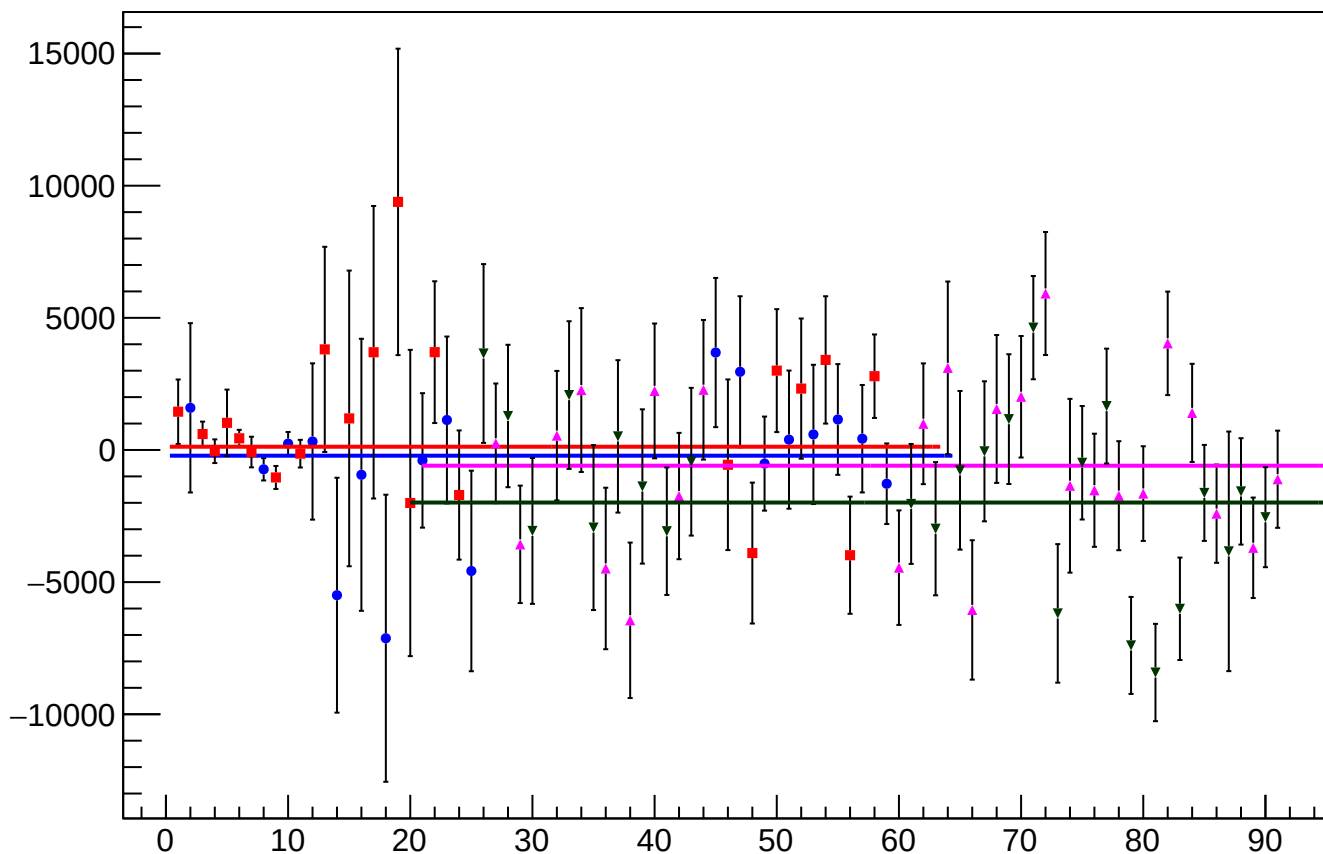
Left Out: 1742.218+/-0.354 χ^2/NDF : 508992.0/24

Right Out: 388.345+/-0.116 χ^2/NDF : 9453876.1/21

Left In: 1748.568+/-0.338 χ^2/NDF : 689112.5/24

555.657+/-0.082 χ^2/NDF : 49365355.8/89

cor_sam8_mean vs slug



Right In: -216.603 ± 275.501 χ^2/NDF : 11.8/17

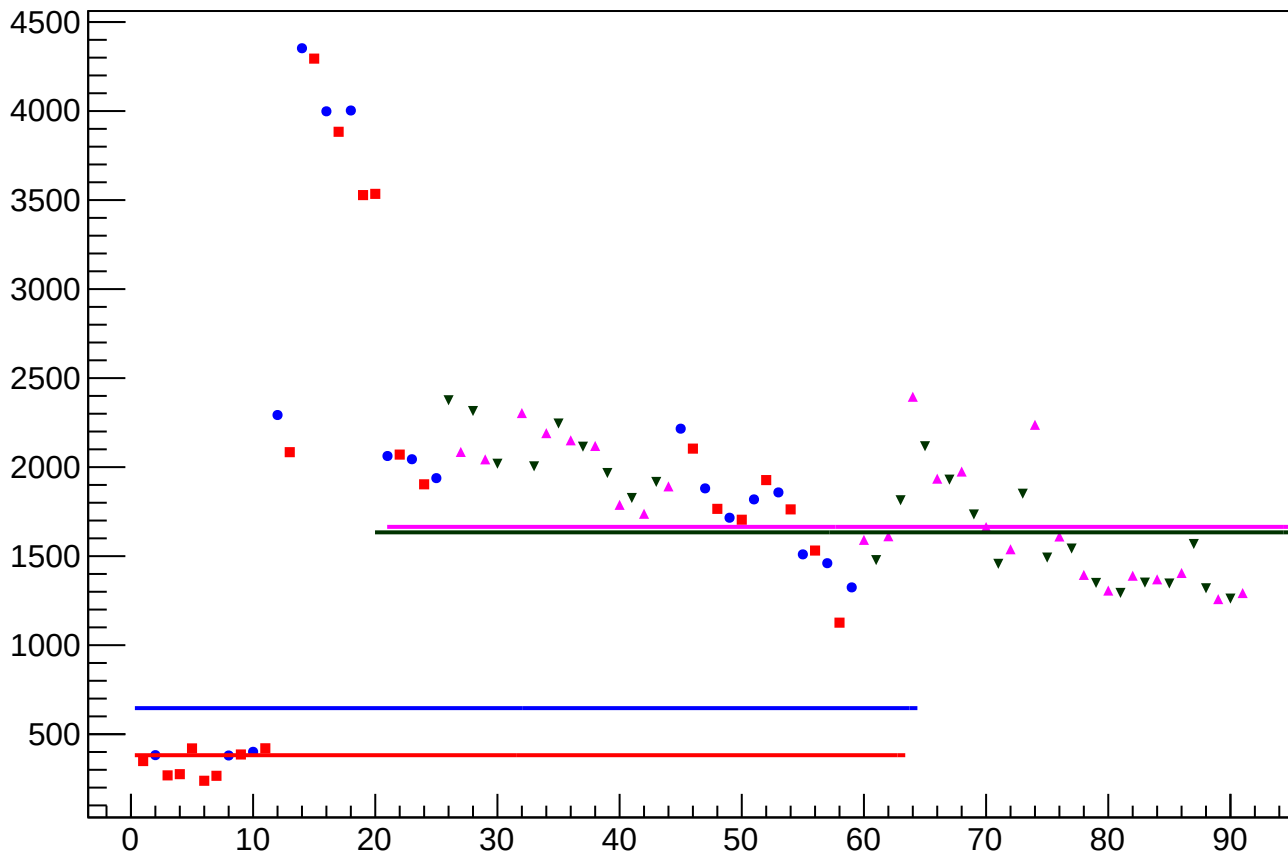
Left Out: -1988.876 ± 473.116 χ^2/NDF : 53.3/24

Right Out: 123.021 ± 170.674 χ^2/NDF : 30.5/21

Left In: -595.182 ± 457.556 χ^2/NDF : 41.5/24

-182.538 ± 132.747 χ^2/NDF : 155.7/89

cor_sam8_rms vs slug



Right In: 646.402 $\pm$ 0.195 χ^2 /NDF: 9890162.1/17

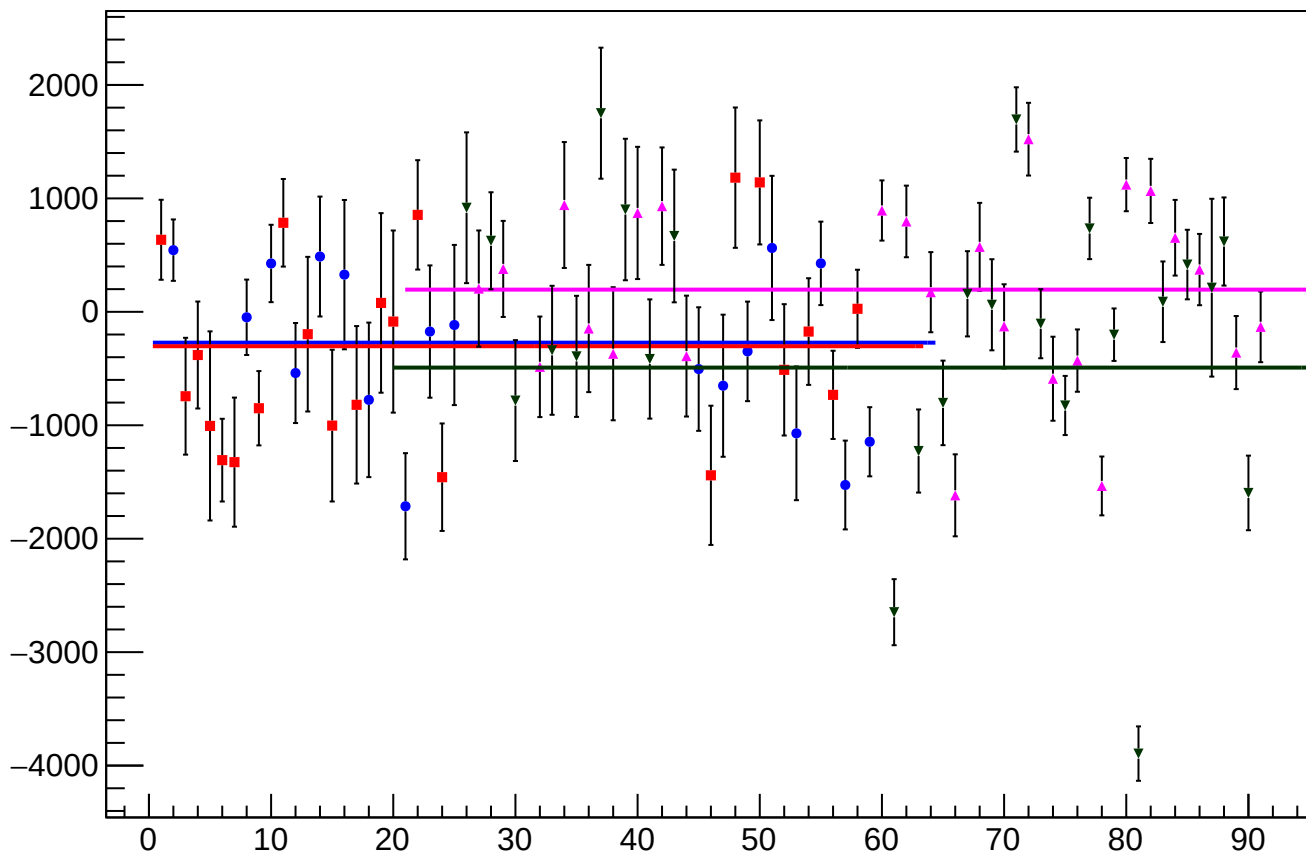
Left Out: 1633.723 $\pm$ 0.335 χ^2 /NDF: 967379.1/24

Right Out: 381.958 $\pm$ 0.121 χ^2 /NDF: 9709504.8/21

Left In: 1664.480 $\pm$ 0.324 χ^2 /NDF: 1073363.0/24

649.848 $\pm$ 0.094 χ^2 /NDF: 45051807.7/89

reg_asym_sam1_mean vs slug



Right In: -271.728+/-102.518 χ^2 /NDF: 53.4/17

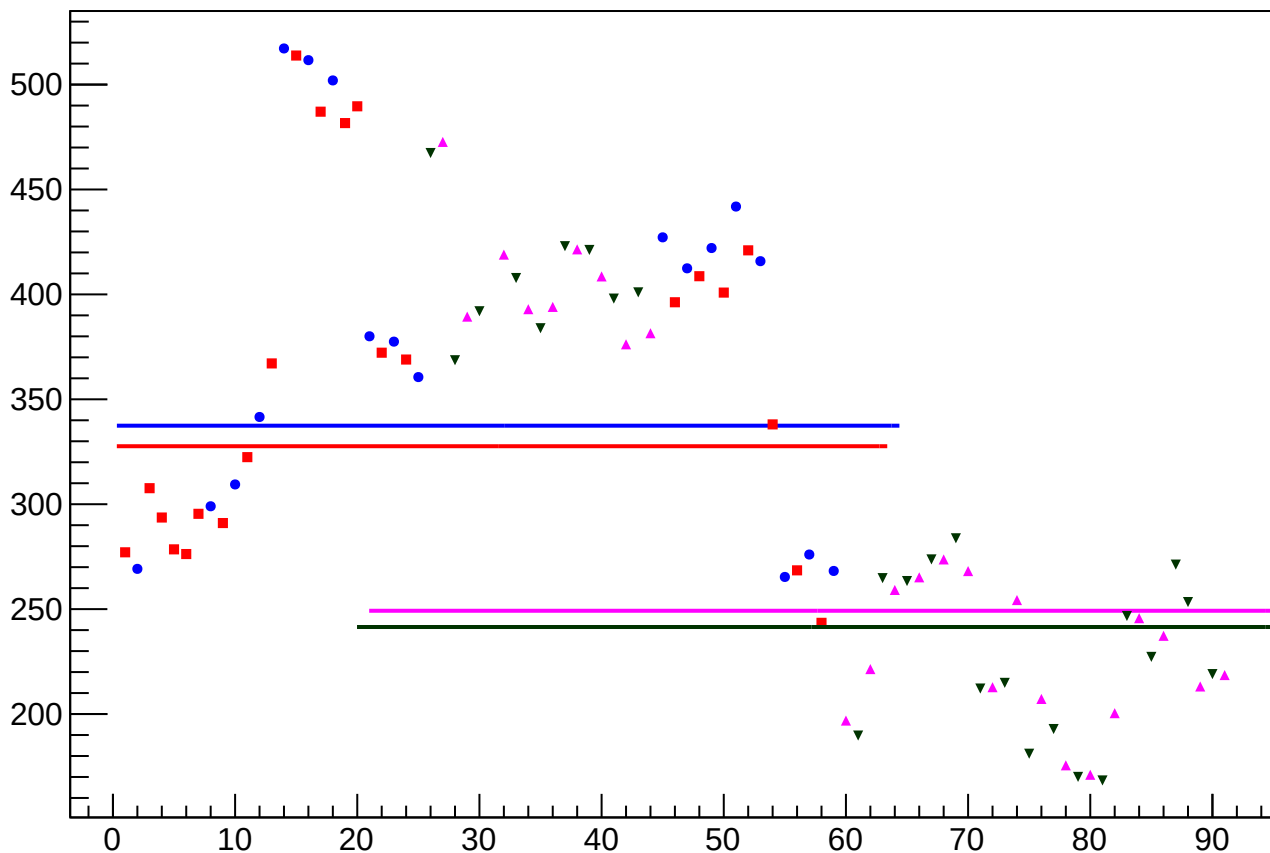
Left Out: -491.623+/-71.900 χ^2 /NDF: 418.2/24

-187.536+/-41.337 χ^2 /NDF: 733.7/89

Right Out: -303.216+/-103.176 χ^2 /NDF: 62.3/21

Left In: 195.814+/-70.240 χ^2 /NDF: 150.3/24

reg_asym_sam1_rms vs slug



Right In: 337.427+/-0.072 χ^2/NDF : 1160127.1/17

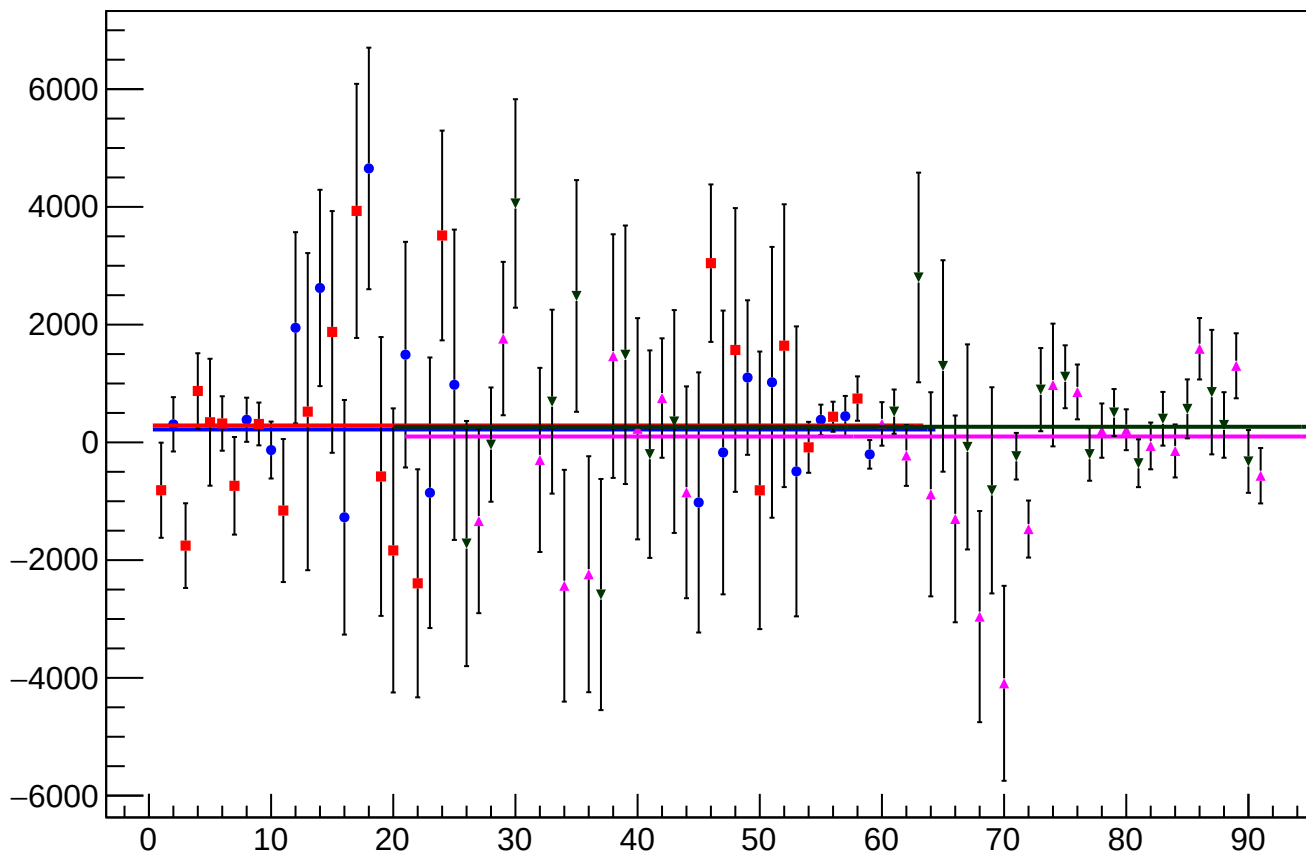
Left Out: 241.478+/-0.051 χ^2/NDF : 2289691.1/24

Right Out: 327.640+/-0.073 χ^2/NDF : 903733.8/21

Left In: 249.220+/-0.050 χ^2/NDF : 2401391.1/24

273.590+/-0.029 χ^2/NDF : 8718968.6/89

asym_sam1_correction_mean vs slug



Right In: 219.417 ± 129.391 $\chi^2/\text{NDF}: 14.8/17$

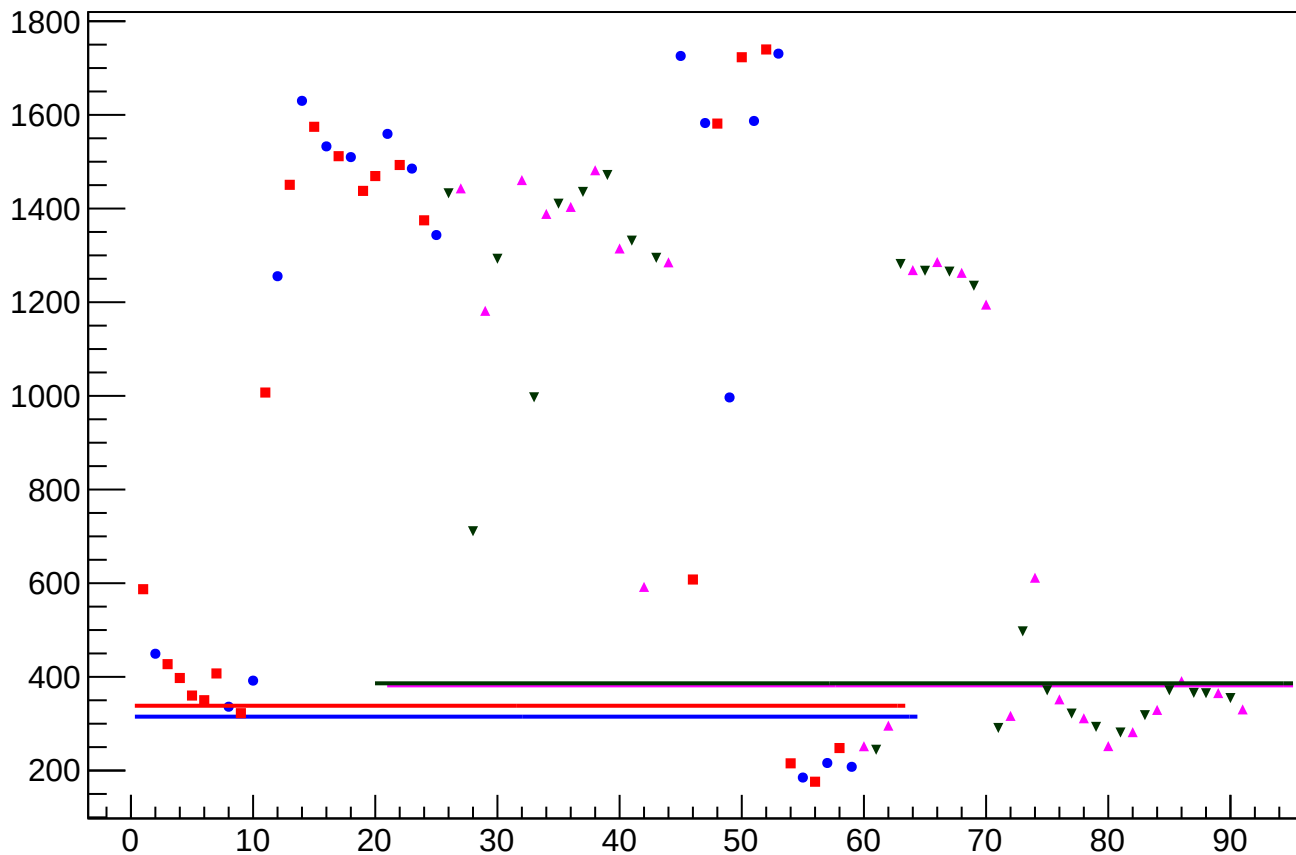
Left Out: 264.934 ± 132.132 $\chi^2/\text{NDF}: 23.3/24$

Right Out: 287.476 ± 139.363 $\chi^2/\text{NDF}: 30.9/21$

Left In: 99.717 ± 127.377 $\chi^2/\text{NDF}: 47.1/24$

213.915 ± 65.920 $\chi^2/\text{NDF}: 117.3/89$

asym_sam1_correction_rms vs slug



Right In: 315.049 $\pm$ 0.091 χ^2 /NDF: 9478565.0/17

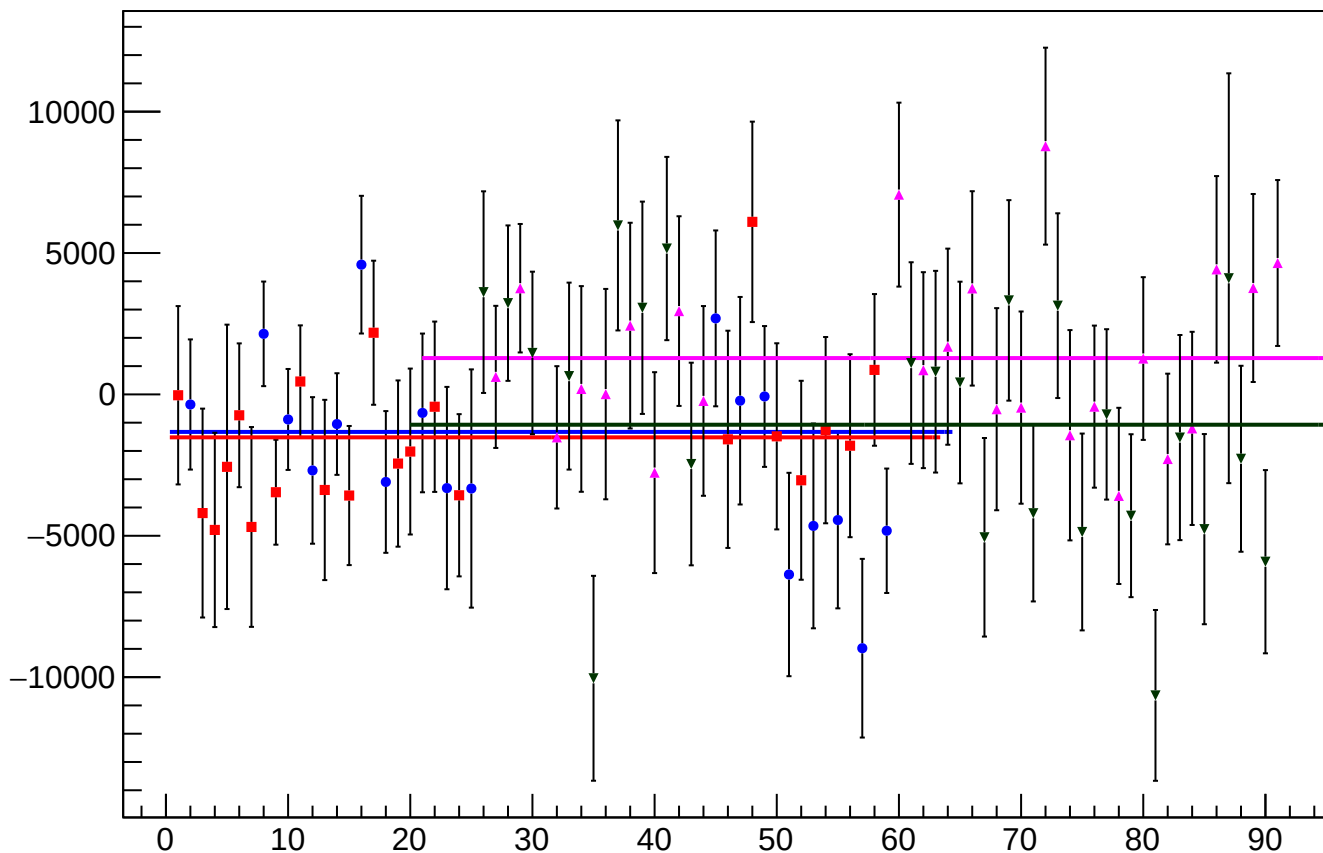
Left Out: 386.243 $\pm$ 0.093 χ^2 /NDF:6956092.5/24

Right Out: 338.337 $\pm$ 0.099 χ^2 /NDF: 7848644.3/21

Left In: 381.820 $\pm$ 0.090 χ^2 /NDF:8283605.8/24

355.862 $\pm$ 0.047 χ^2 /NDF: 32986316.1/89

reg_asym_sam2_mean vs slug



Right In: -1326.680 ± 603.652 χ^2/NDF : 25.2/17

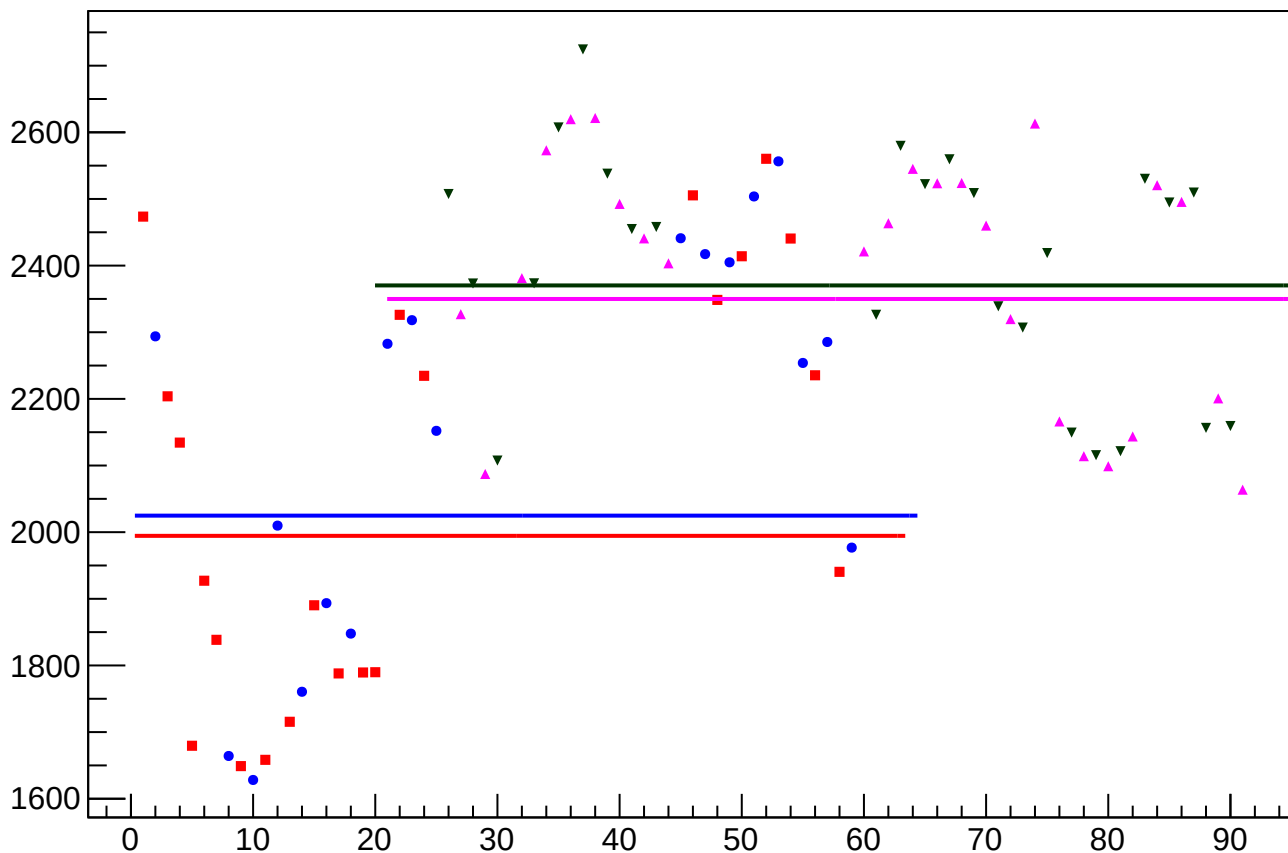
Left Out: -1072.371 ± 673.701 χ^2/NDF : 42.9/24

Right Out: -1518.785 ± 619.527 χ^2/NDF : 14.2/21

Left In: 1284.711 ± 633.078 χ^2/NDF : 21.5/24

-672.281 ± 315.471 χ^2/NDF : 116.8/89

reg_asym_sam2_rms vs slug



Right In: 2024.814+/-0.427 χ^2/NDF : 502543.8/17

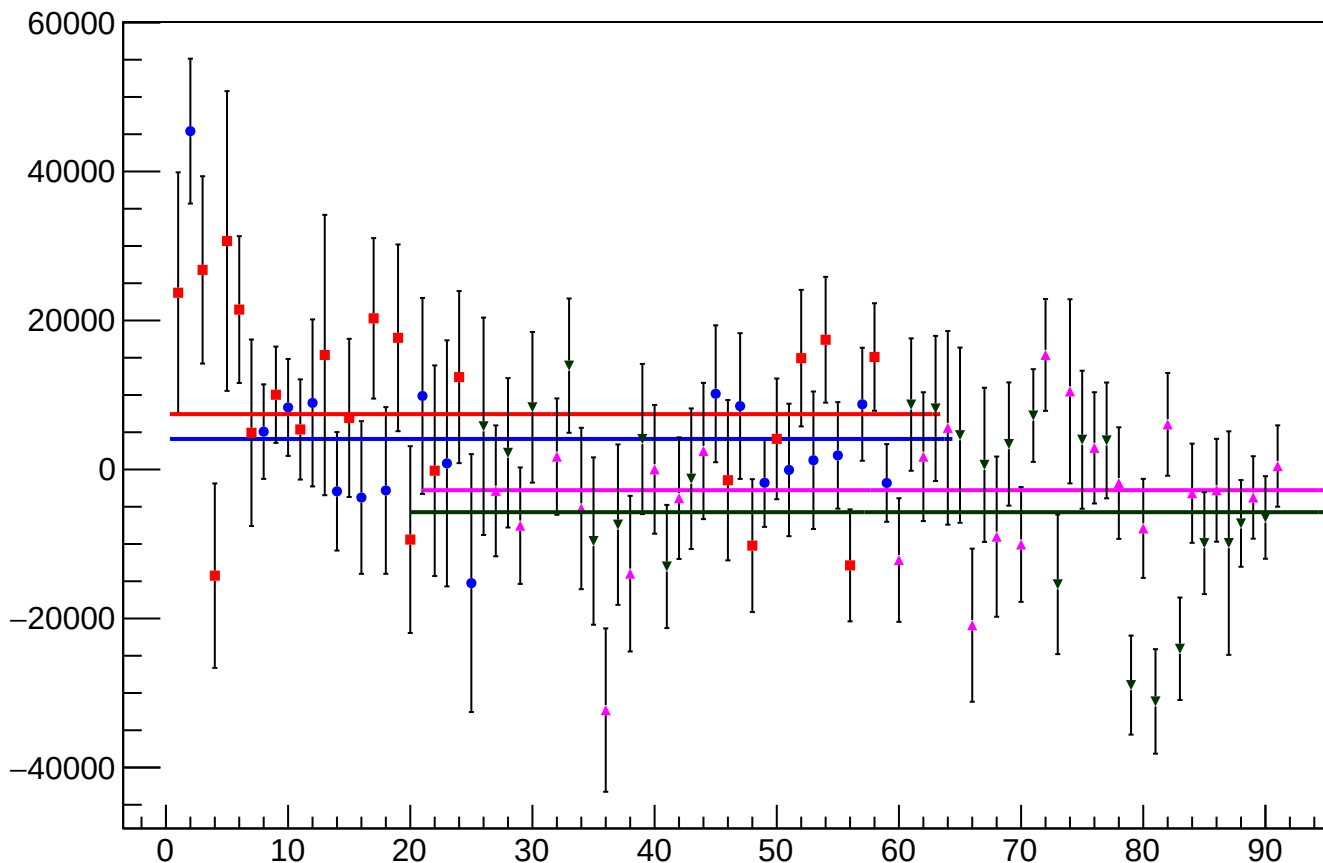
Left Out: 2370.254+/-0.476 χ^2/NDF : 138267.5/24

Right Out: 1994.484+/-0.438 χ^2/NDF : 473616.0/21

Left In: 2349.917+/-0.448 χ^2/NDF : 169360.1/24

2173.423+/-0.223 χ^2/NDF : 1898010.4/89

asym_sam2_correction_mean vs slug



Right In: 4099.339 ± 1953.385 $\chi^2/\text{NDF}: 25.6/17$

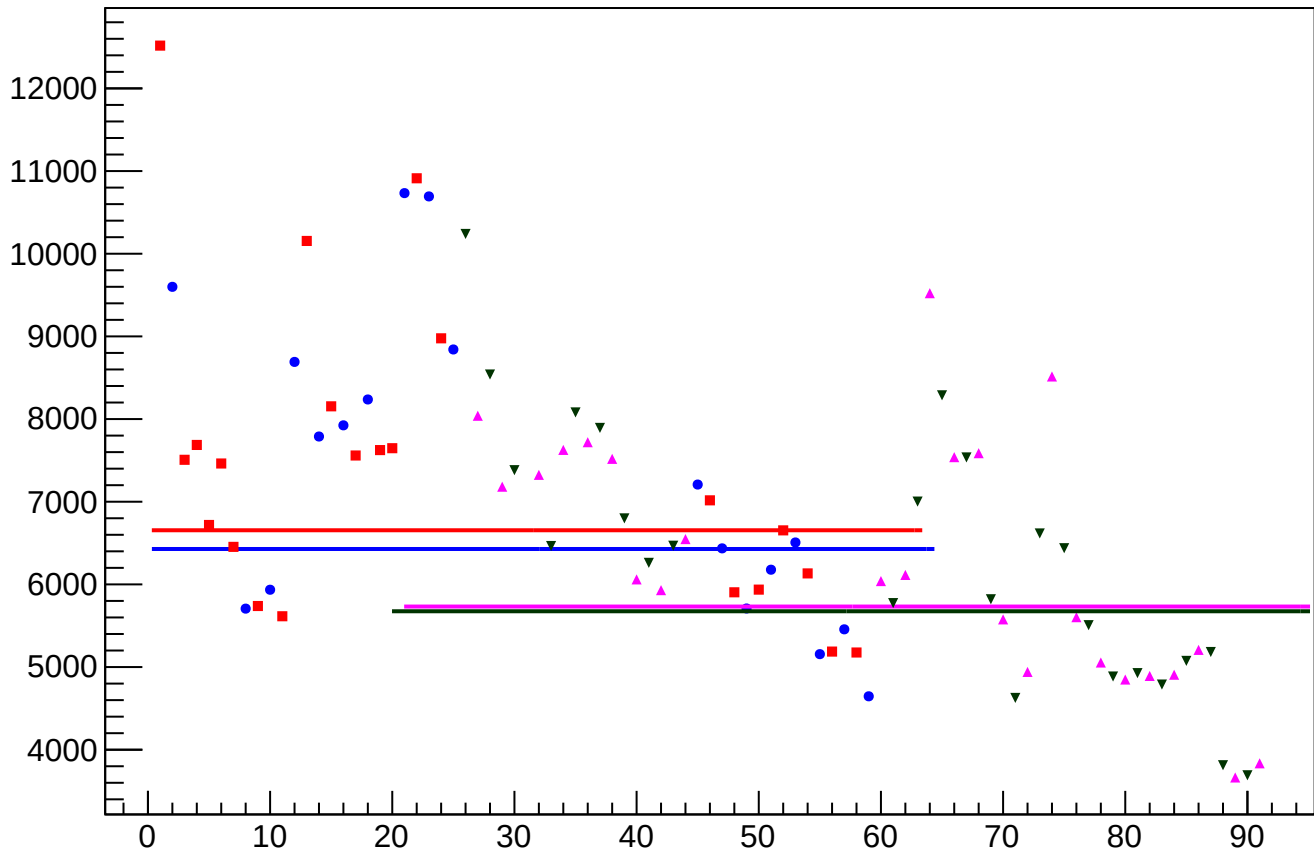
Left Out: -5729.690 ± 1664.693 $\chi^2/\text{NDF}: 58.1/24$

Right Out: 7432.799 ± 2099.797 $\chi^2/\text{NDF}: 29.9/21$

Left In: -2775.768 ± 1592.397 $\chi^2/\text{NDF}: 26.1/24$

-323.246 ± 896.548 $\chi^2/\text{NDF}: 171.5/89$

asym_sam2_correction_rms vs slug



Right In: 6428.206+/-1.381 χ^2/NDF : 1247245.0/17

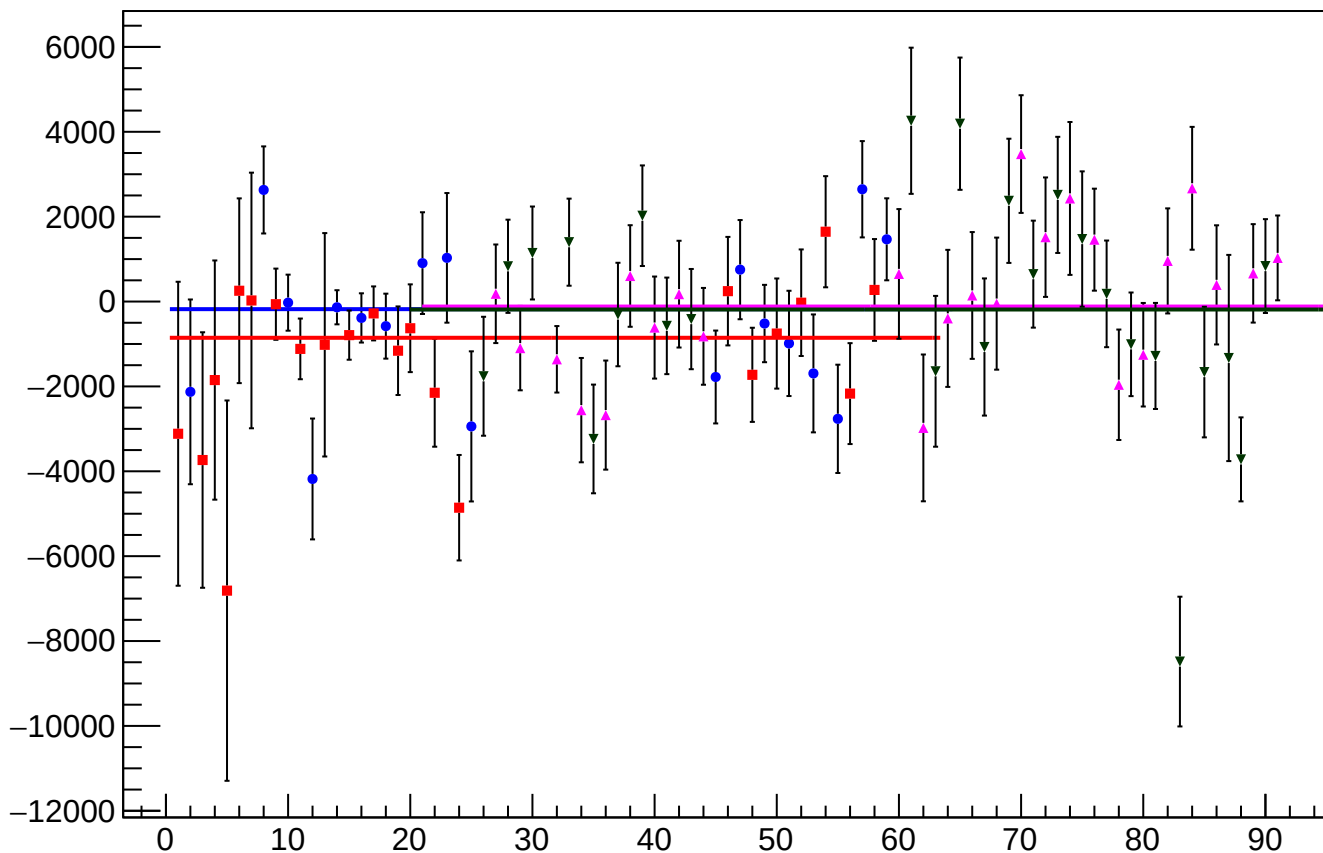
Left Out: 5674.882+/-1.177 χ^2/NDF : 1512856.2/24

Right Out: 6654.777+/-1.485 χ^2/NDF : 998523.8/21

Left In: 5731.966+/-1.126 χ^2/NDF : 1562901.3/24

6030.305+/-0.634 χ^2/NDF : 5742773.7/89

reg_asym_sam3_mean vs slug



Right In: -179.238+/-210.097 χ^2/NDF : 38.3/17

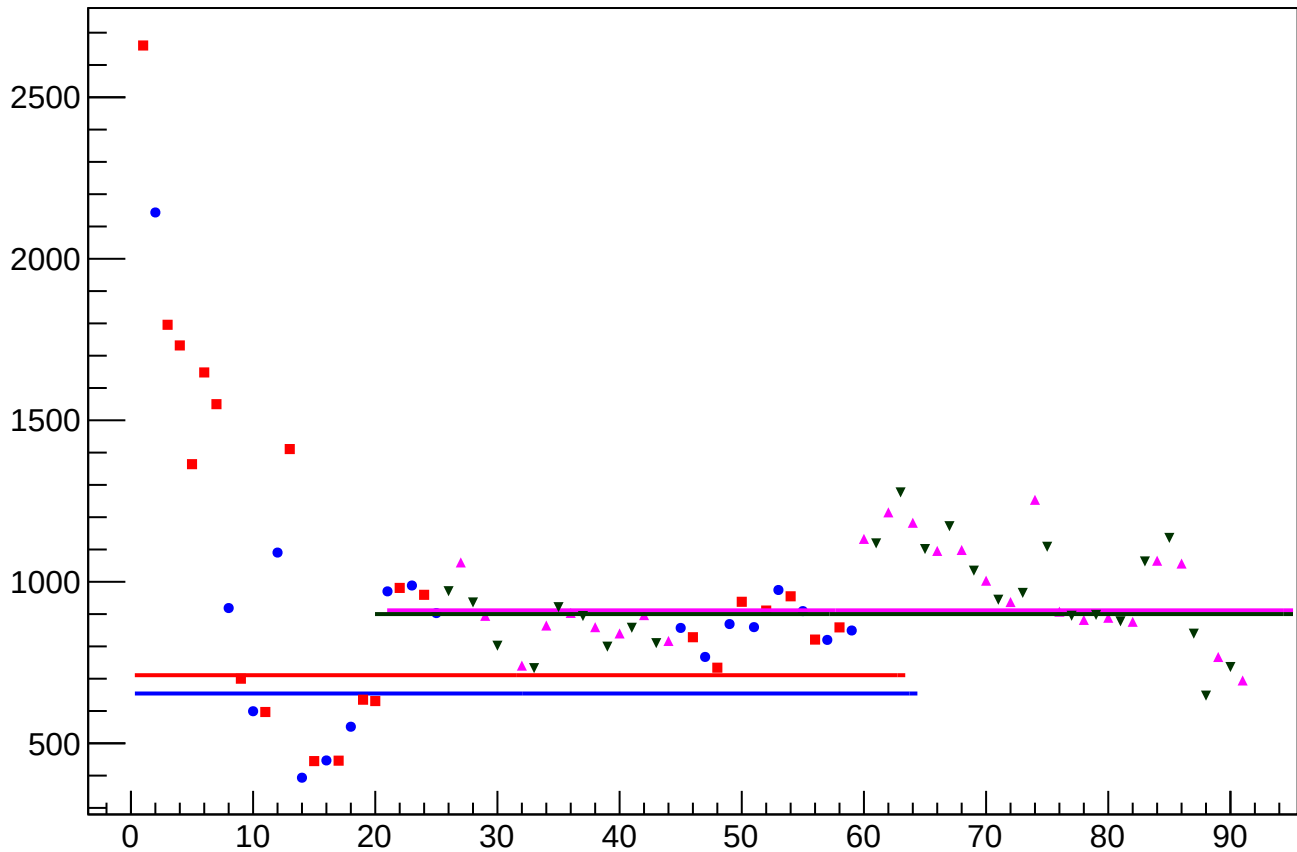
Left Out: -187.596+/-259.233 χ^2/NDF : 84.8/24

Right Out: -853.893+/-239.632 χ^2/NDF : 24.5/21

Left In: -117.964+/-249.096 χ^2/NDF : 36.5/24

-332.414+/-118.623 χ^2/NDF : 190.4/89

reg_asym_sam3_rms vs slug



Right In: 654.176+/-0.149 χ^2/NDF : 3241564.1/17

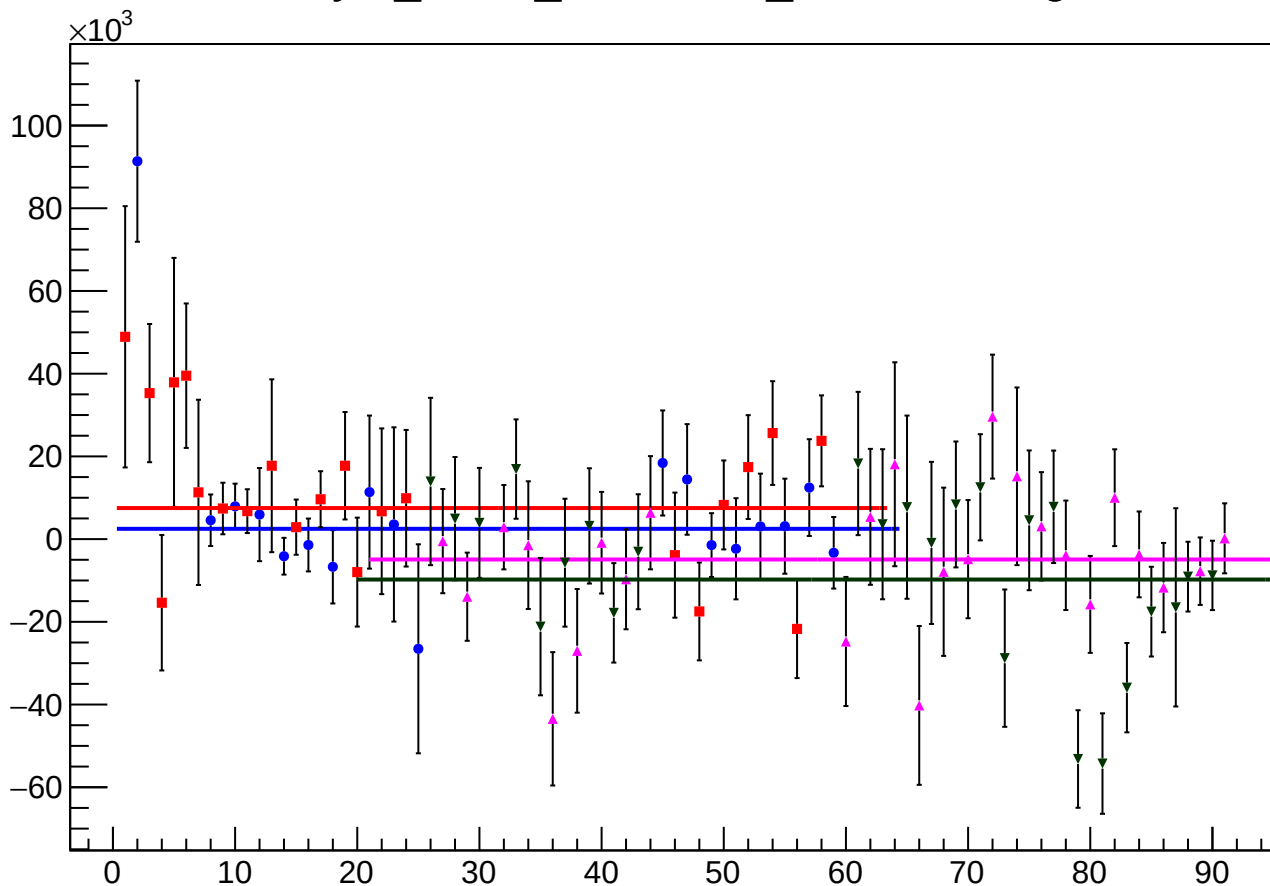
Left Out: 900.090+/-0.183 χ^2/NDF : 622010.0/24

777.930+/-0.084 χ^2/NDF : 9447714.7/89

Right Out: 710.836+/-0.169 χ^2/NDF : 3083540.8/21

Left In: 911.598+/-0.176 χ^2/NDF : 629866.7/24

asym_sam3_correction_mean vs slug



Right In: 2487.659 $\pm$ 2070.592 χ^2 /NDF: 31.2/17

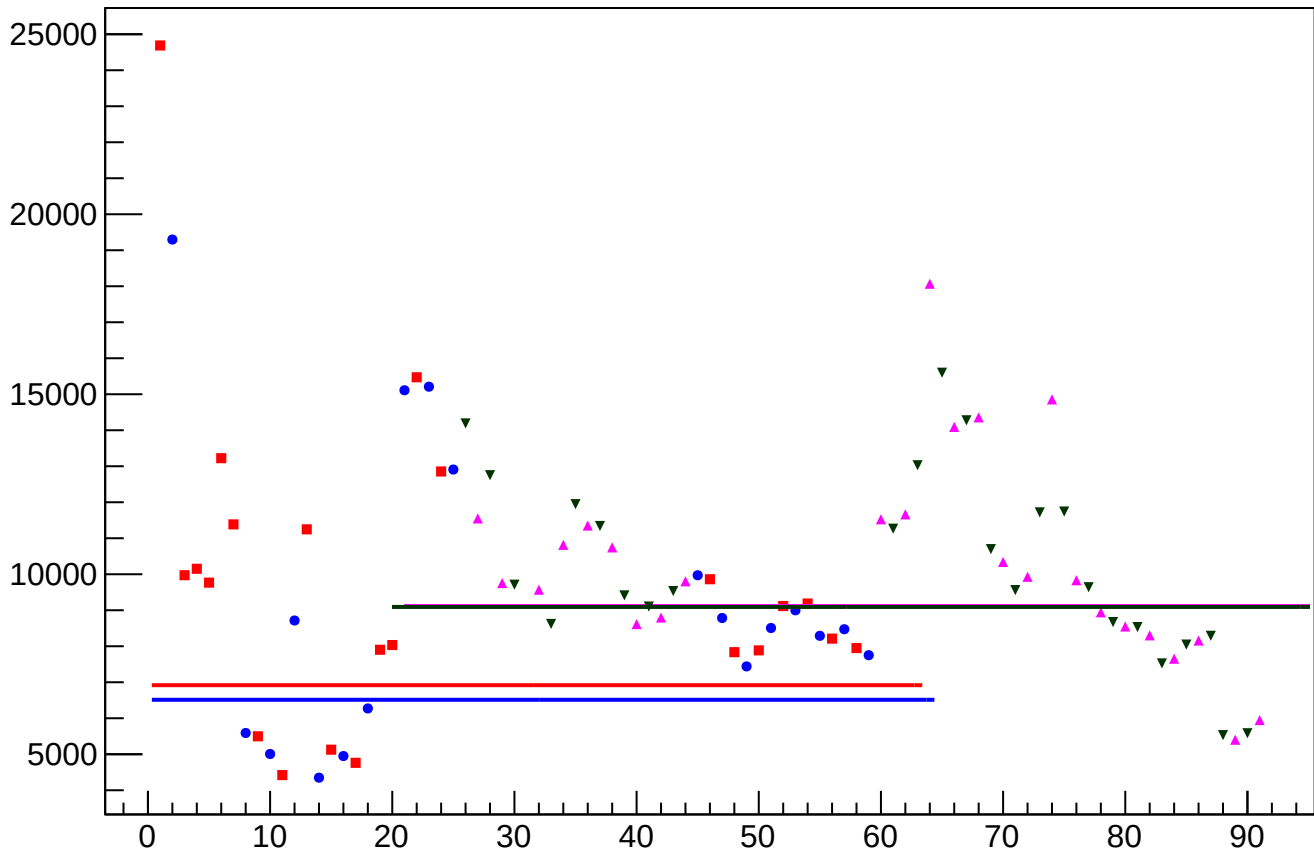
Left Out: -9774.193 $\pm$ 2676.844 χ^2 /NDF:56.0/24

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

-183.502 $\pm$ 1181.391 χ^2 /NDF: 172.6/89

asym_sam3_correction_rms vs slug



Right In: 6513.247+/-1.464 χ^2/NDF : 3070346.5/17

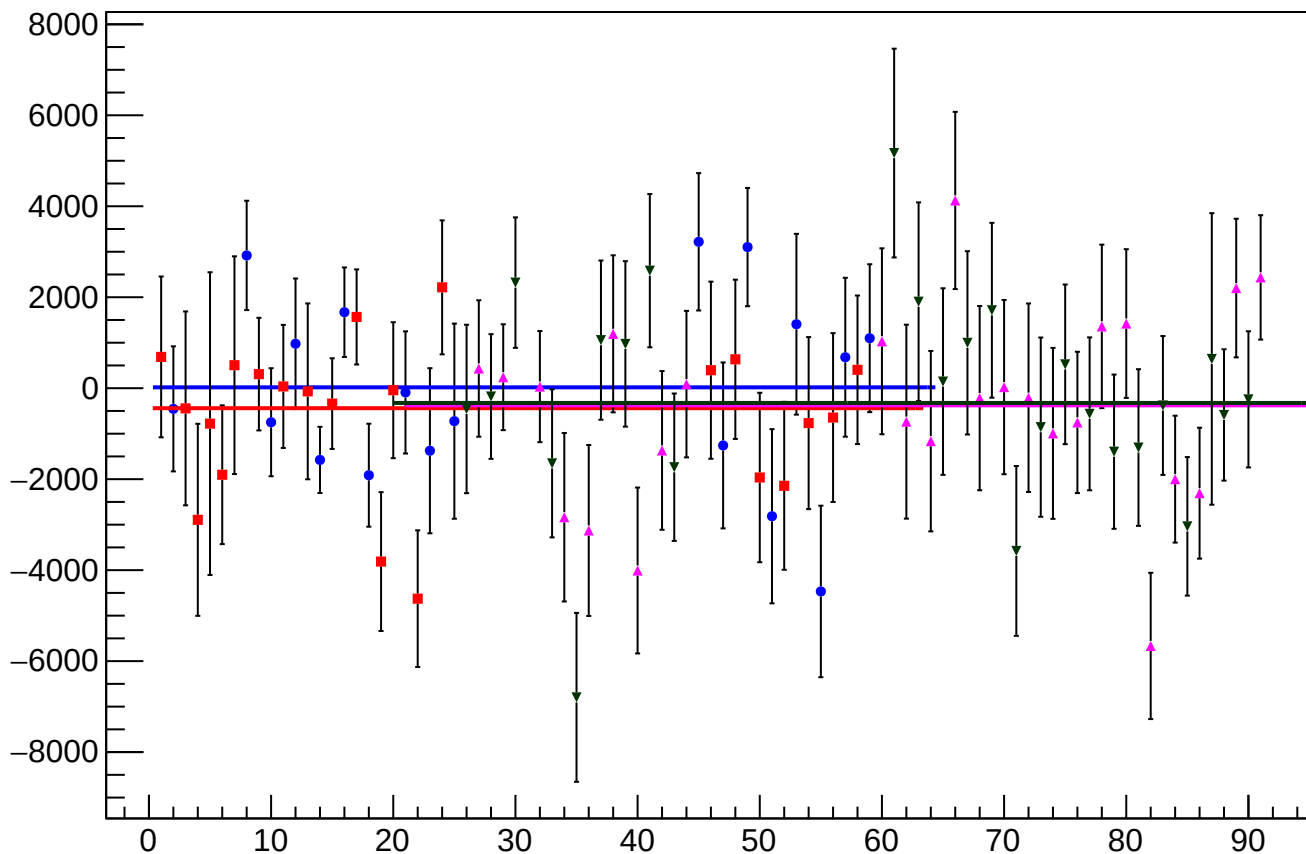
Left Out: 9092.015+/-1.893 χ^2/NDF :1701303.2/24

Right Out: 6918.373+/-1.628 χ^2/NDF : 3036847.0/21

Left In: 9117.398+/-1.795 χ^2/NDF :1742709.9/24

7685.888+/-0.835 χ^2/NDF : 11602387.8/89

reg_asym_sam4_mean vs slug



Right In: 19.064 ± 315.624 χ^2/NDF : 37.6/17

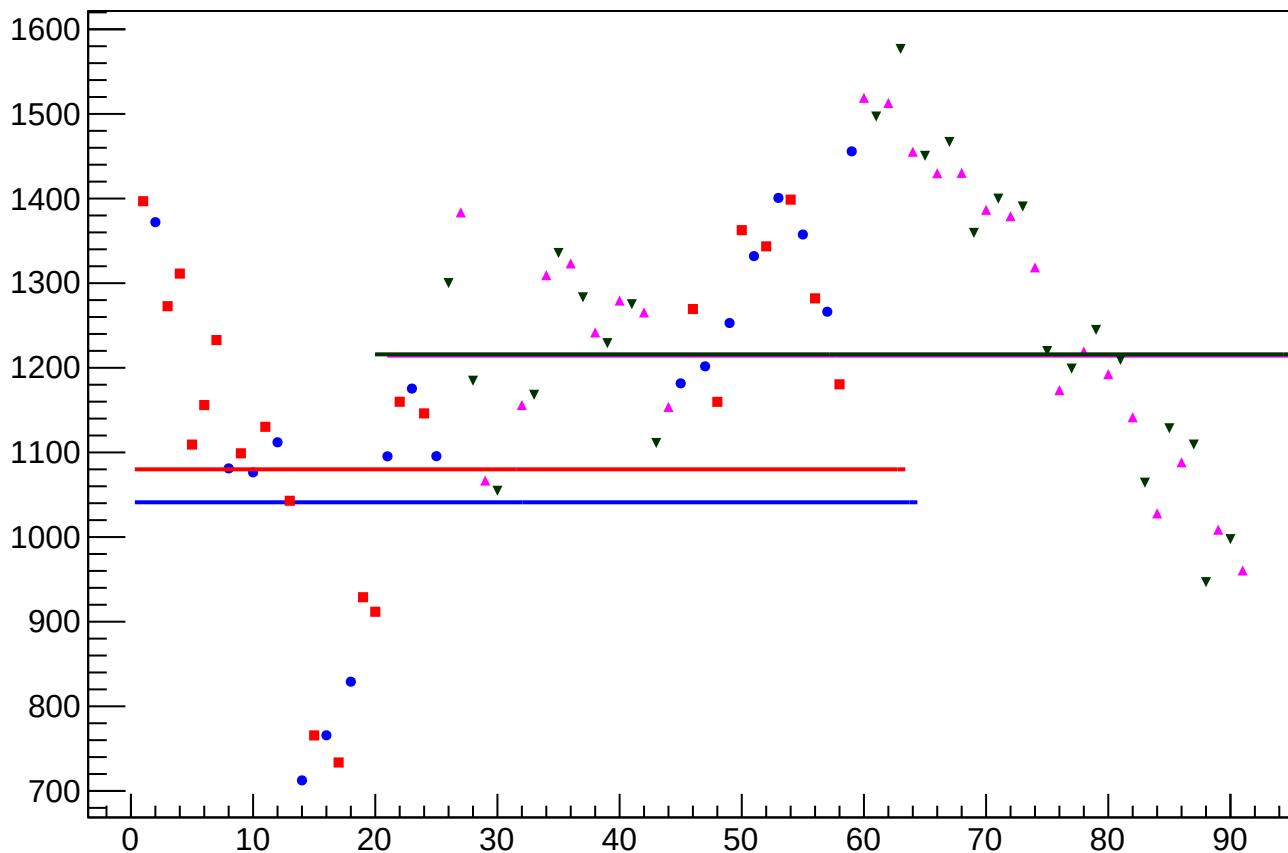
Left Out: -324.121 ± 347.393 χ^2/NDF : 36.9/24

Right Out: -439.846 ± 338.164 χ^2/NDF : 25.4/21

Left In: -376.706 ± 329.086 χ^2/NDF : 39.2/24

-270.477 ± 165.970 χ^2/NDF : 140.4/89

reg_asym_sam4_rms vs slug



Right In: 1041.081 $\pm$ 0.223 χ^2 /NDF: 1192471.3/17

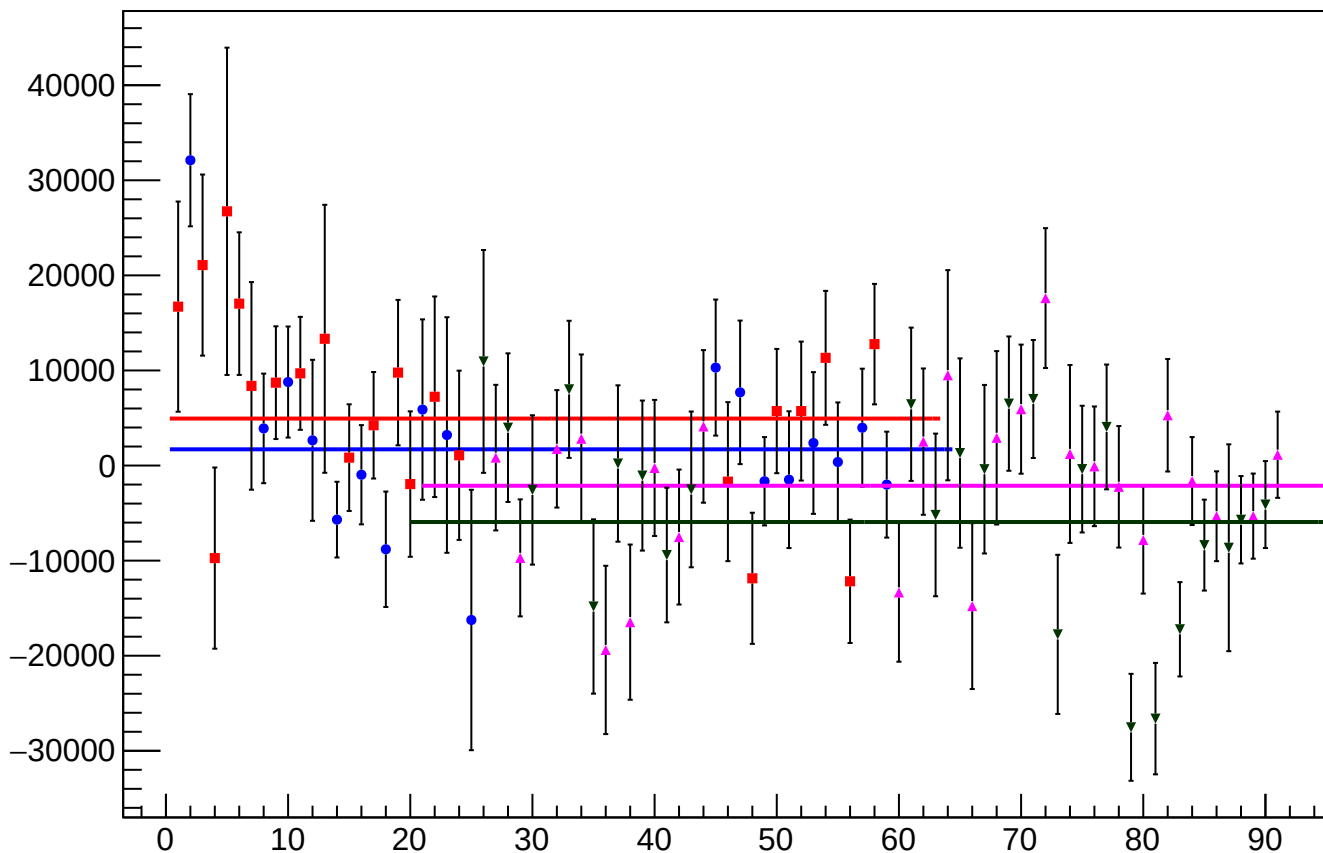
Left Out: 1215.899 $\pm$ 0.246 χ^2 /NDF: 383922.0/24

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

1134.439 $\pm$ 0.117 χ^2 /NDF: 3263376.7/89

asym_sam4_correction_mean vs slug



Right In: 1706.149+/-1493.344 χ^2/NDF : 32.8/17

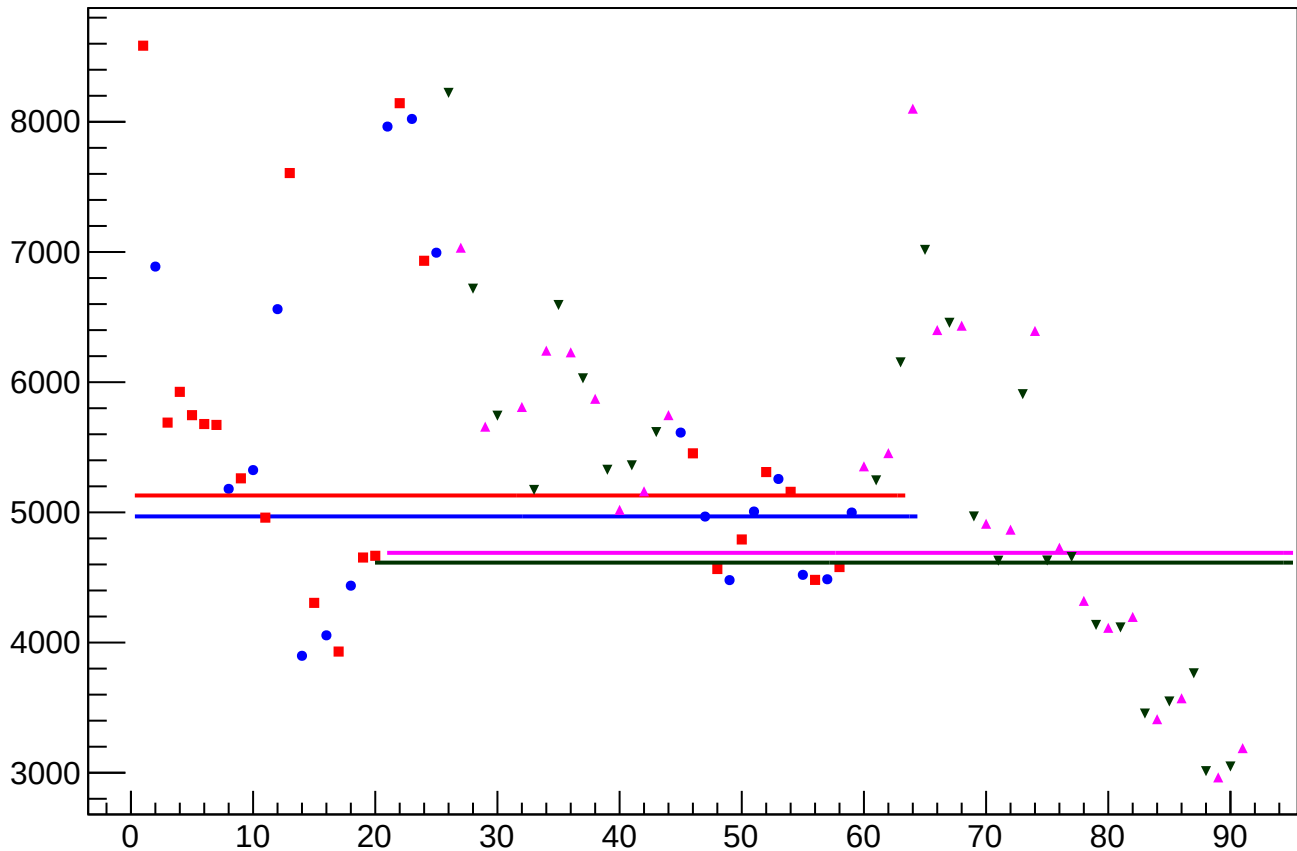
Left Out: -5939.152+/-1356.623 χ^2/NDF : 58.5/24

Right Out: 4941.778+/-1606.667 χ^2/NDF : 30.0/21

Left In: -2125.266+/-1306.734 χ^2/NDF : 29.7/24

-912.168+/-713.414 χ^2/NDF : 182.0/89

asym_sam4_correction_rms vs slug



Right In: 4968.976 $\pm$ 1.056 χ^2 /NDF: 883057.8/17

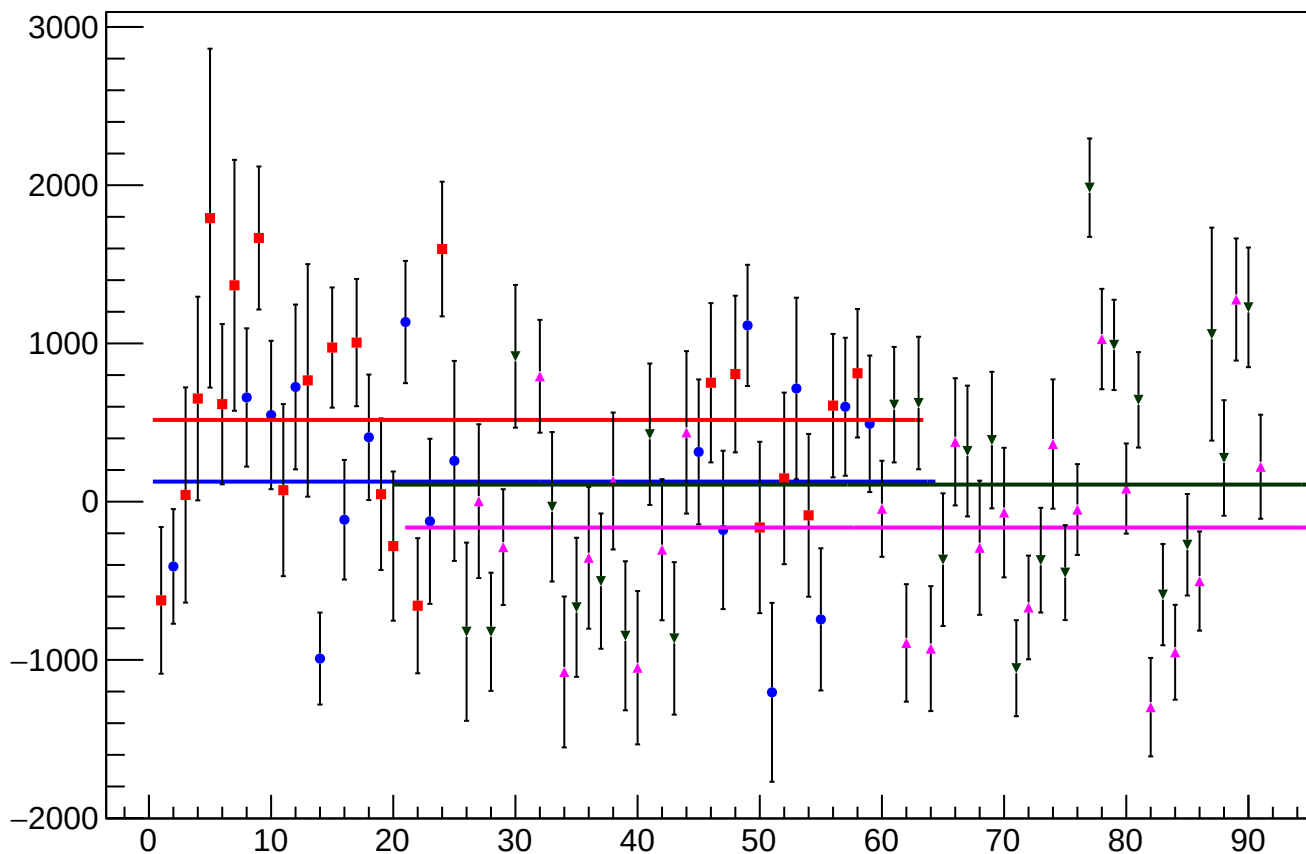
Left Out: 4614.055 $\pm$ 0.959 χ^2 /NDF:1669209.1/24

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

4819.130 $\pm$ 0.504 χ^2 /NDF: 5248490.4/89

reg_asym_sam5_mean vs slug



Right In: 126.832 ± 101.806 χ^2/NDF : 48.0/17

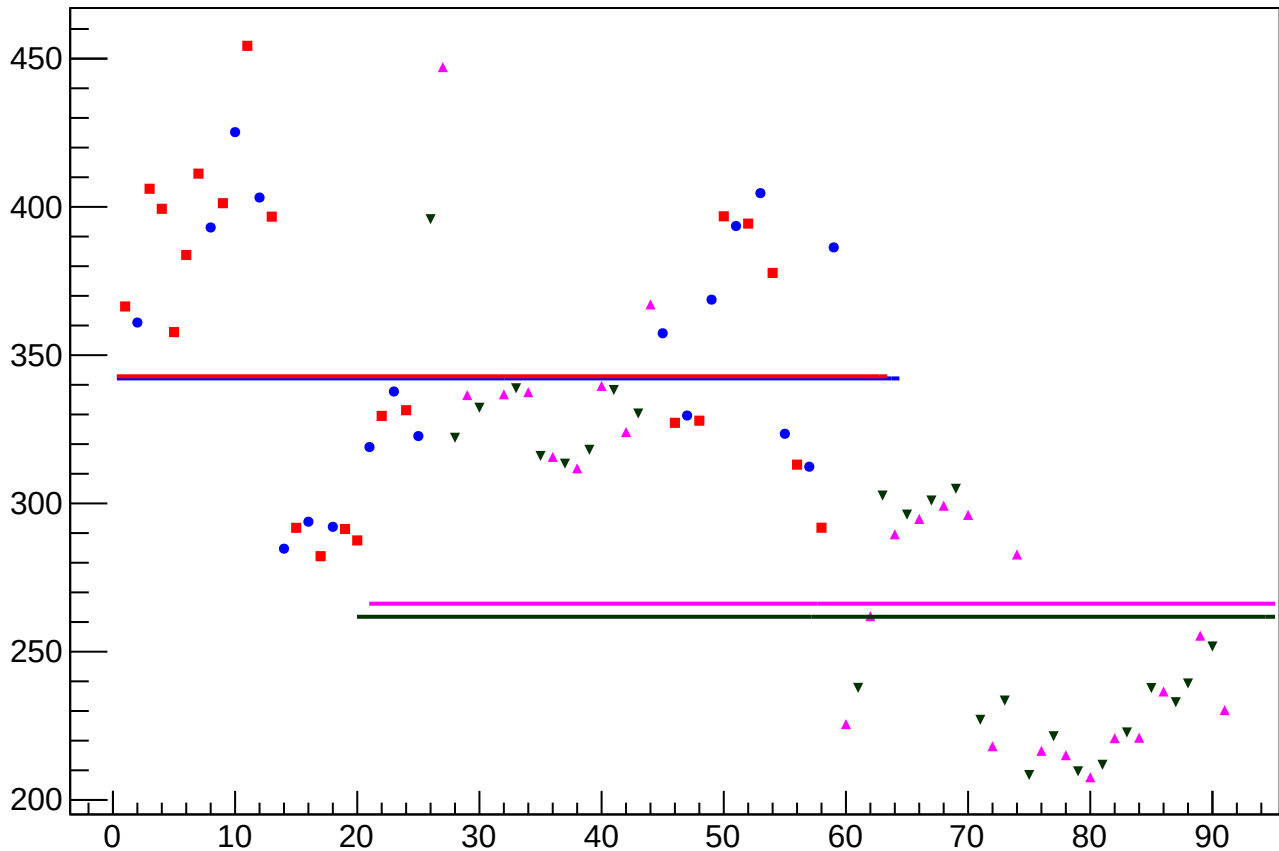
Left Out: 107.921 ± 75.539 χ^2/NDF : 117.9/24

Right Out: 516.602 ± 106.451 χ^2/NDF : 41.7/21

Left In: -163.481 ± 73.139 χ^2/NDF : 82.0/24

84.433 ± 42.760 χ^2/NDF : 317.9/89

reg_asym_sam5_rms vs slug



Right In: 342.153+/-0.072 χ^2/NDF : 361612.2/17

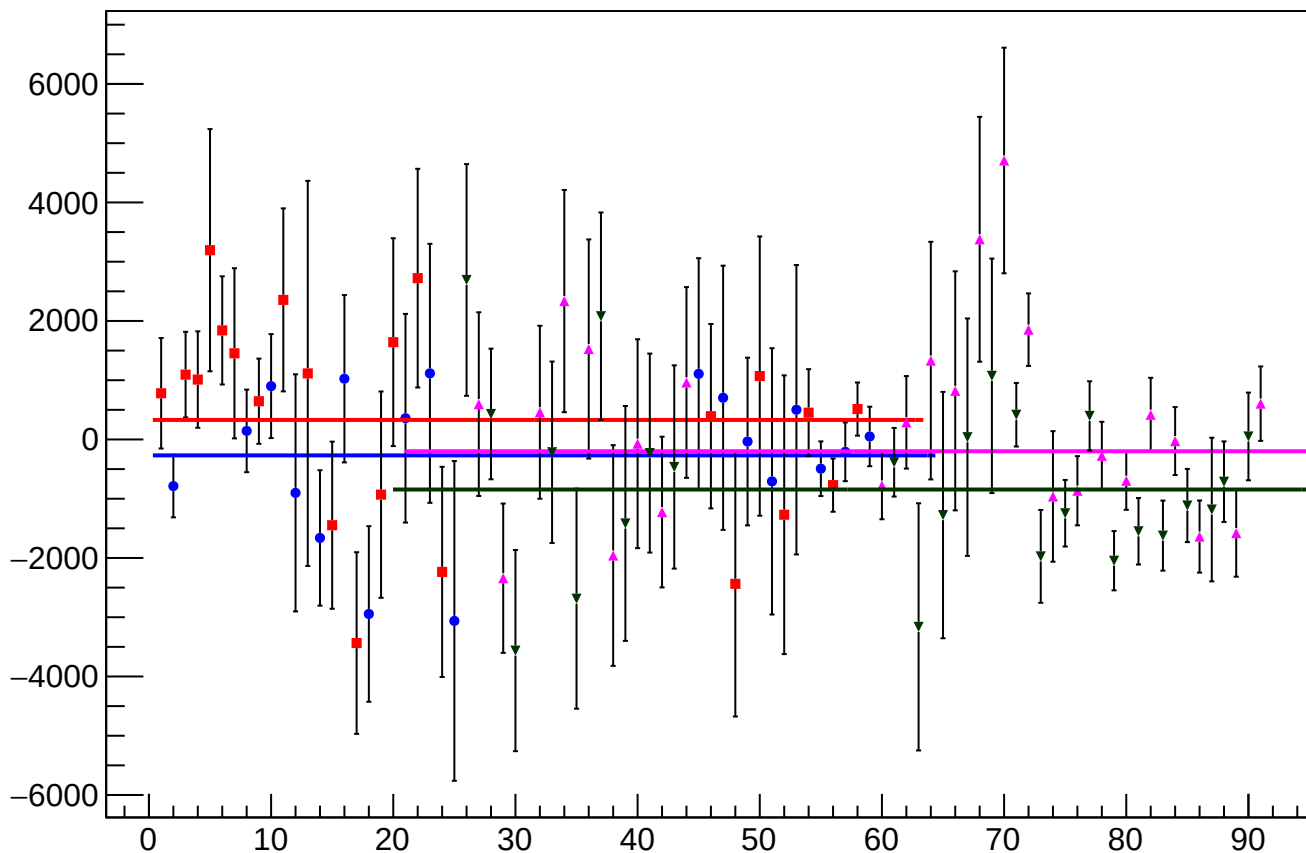
Left Out: 261.779+/-0.053 χ^2/NDF : 847050.2/24

Right Out: 342.871+/-0.075 χ^2/NDF : 421151.7/21

Left In: 266.189+/-0.052 χ^2/NDF : 1127863.9/24

290.550+/-0.030 χ^2/NDF : 4266703.9/89

asym_sam5_correction_mean vs slug



Right In: -268.819 ± 205.614 $\chi^2/\text{NDF}: 11.9/17$

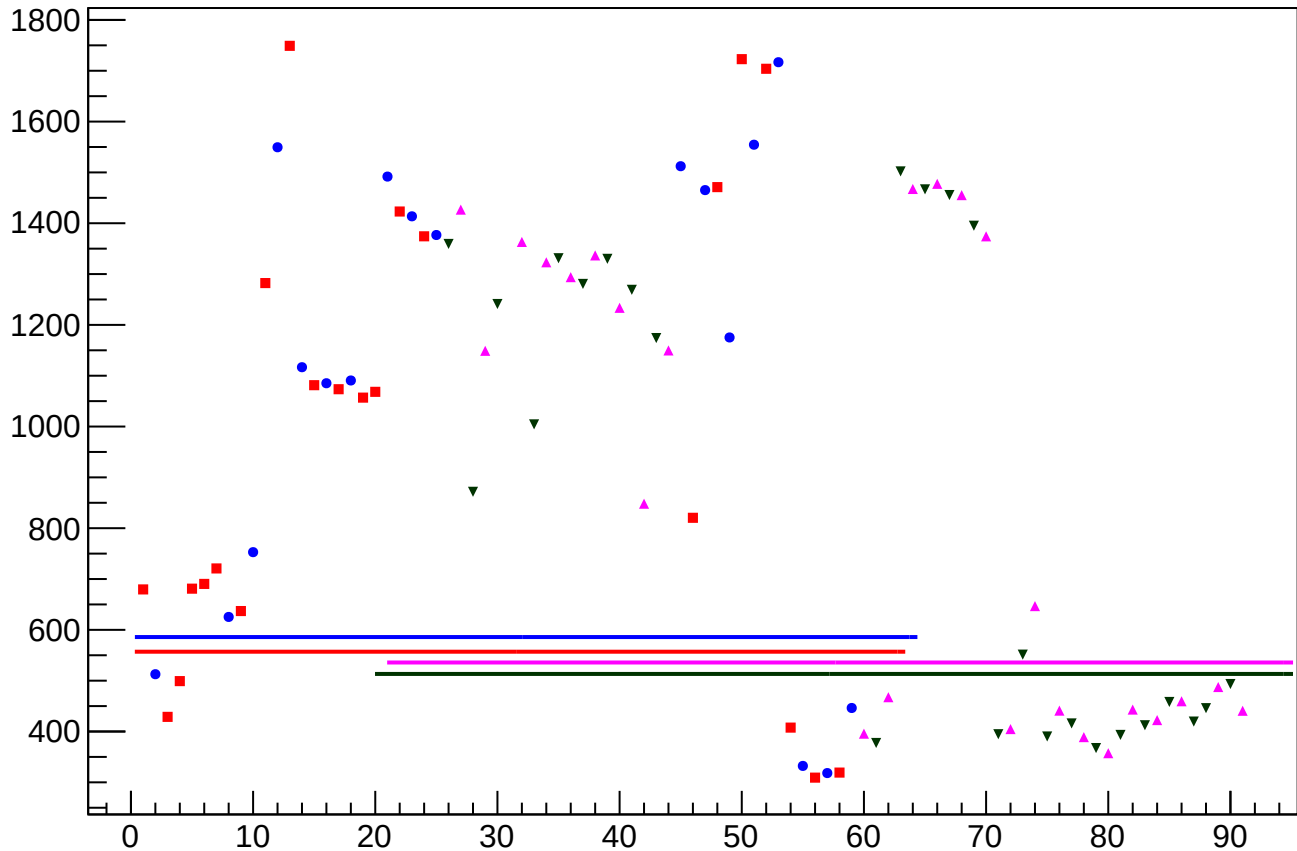
Left Out: -844.557 ± 166.887 $\chi^2/\text{NDF}: 37.9/24$

Right Out: 329.827 ± 204.549 $\chi^2/\text{NDF}: 30.1/21$

Left In: -199.194 ± 167.236 $\chi^2/\text{NDF}: 45.9/24$

-301.320 ± 91.587 $\chi^2/\text{NDF}: 146.3/89$

asym_sam5_correction_rms vs slug



Right In: 585.833+/-0.145 χ^2/NDF : 5734381.6/17

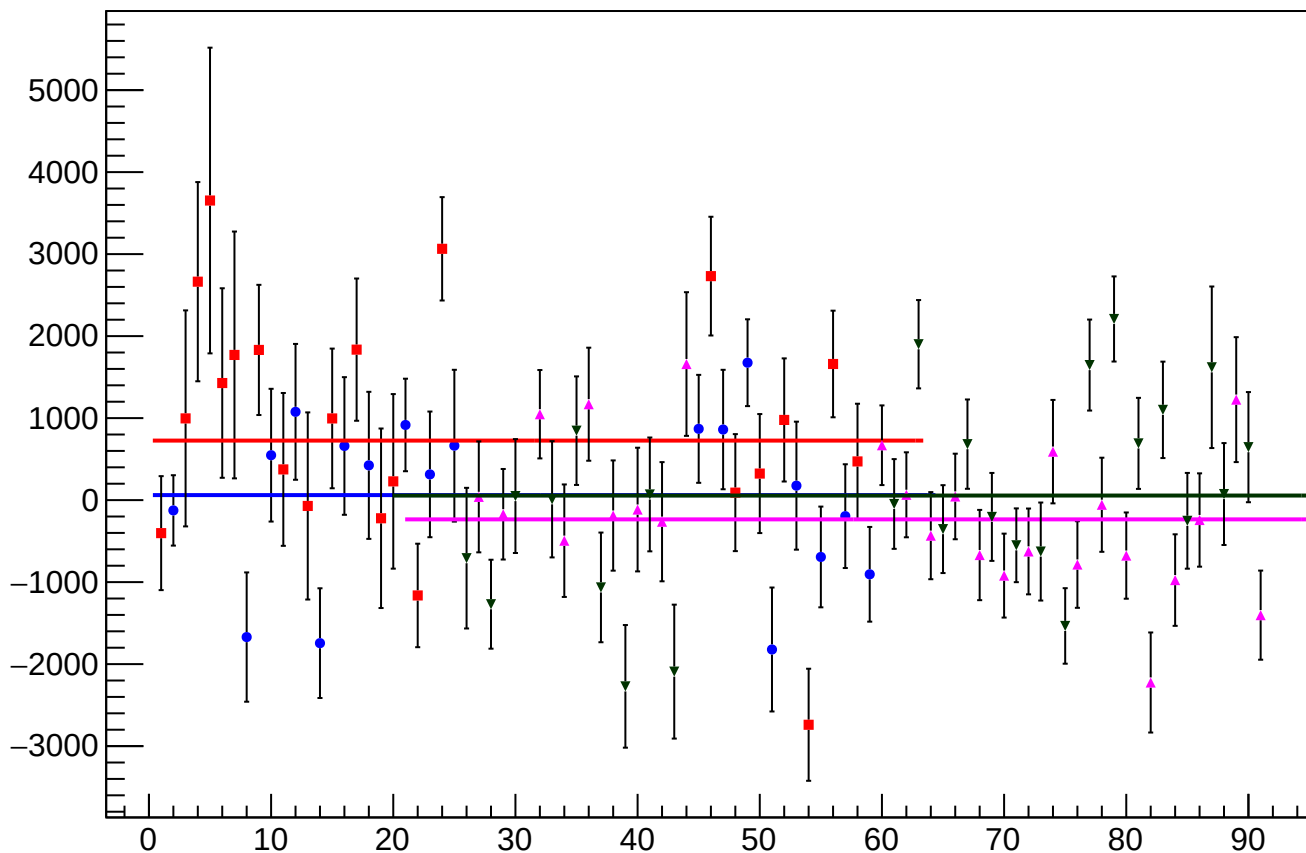
Left Out: 513.262+/-0.118 χ^2/NDF : 5415740.7/24

Right Out: 557.007+/-0.145 χ^2/NDF : 5231824.4/21

Left In: 535.767+/-0.118 χ^2/NDF : 6118113.8/24

543.181+/-0.065 χ^2/NDF : 22663467.3/89

reg_asym_sam6_mean vs slug



Right In: 61.228 ± 157.659 χ^2/NDF : 40.4/17

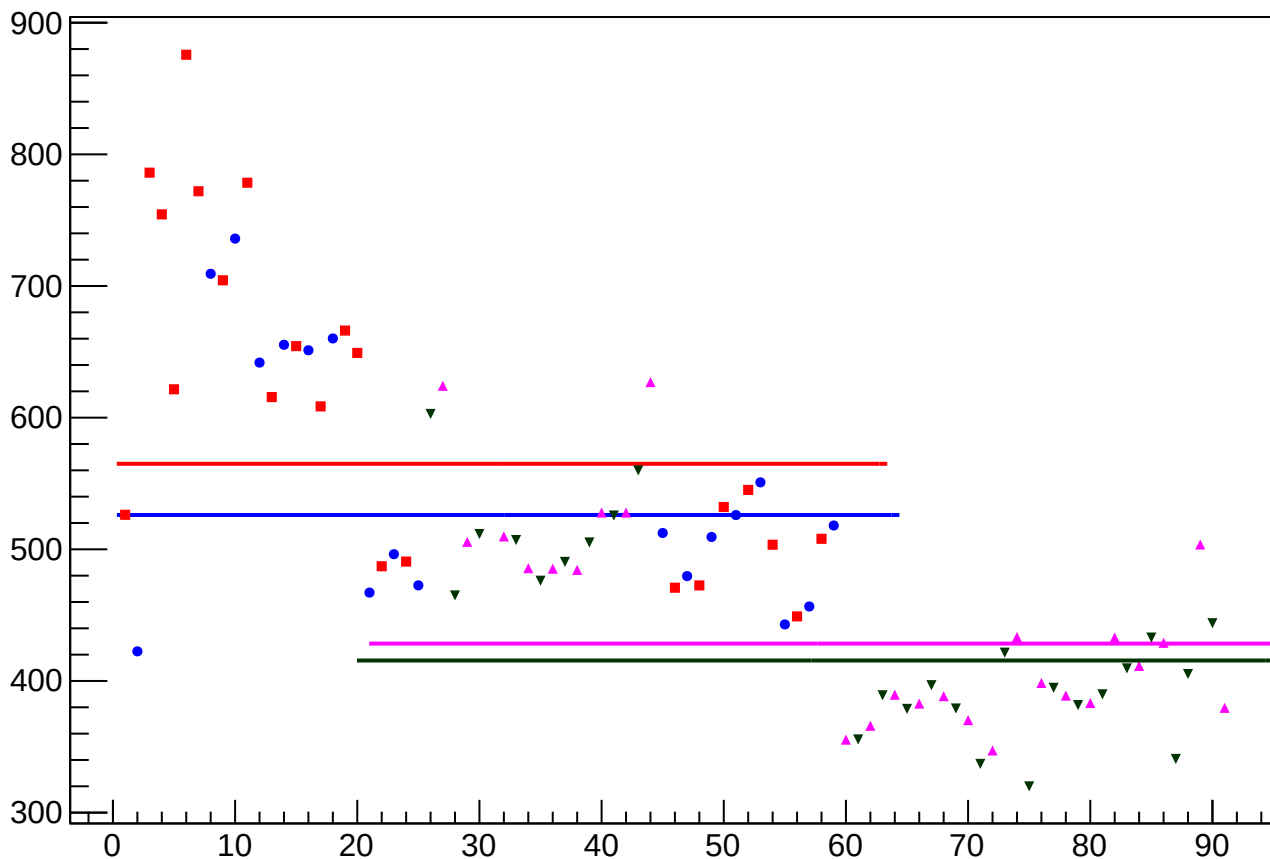
Left Out: 55.827 ± 119.400 χ^2/NDF : 90.0/24

Right Out: 725.933 ± 177.235 χ^2/NDF : 73.3/21

Left In: -234.827 ± 116.960 χ^2/NDF : 46.3/24

57.233 ± 68.150 χ^2/NDF : 270.6/89

reg_asym_sam6_rms vs slug



Right In: 526.088 $\pm$ 0.111 χ^2 /NDF: 667573.7/17

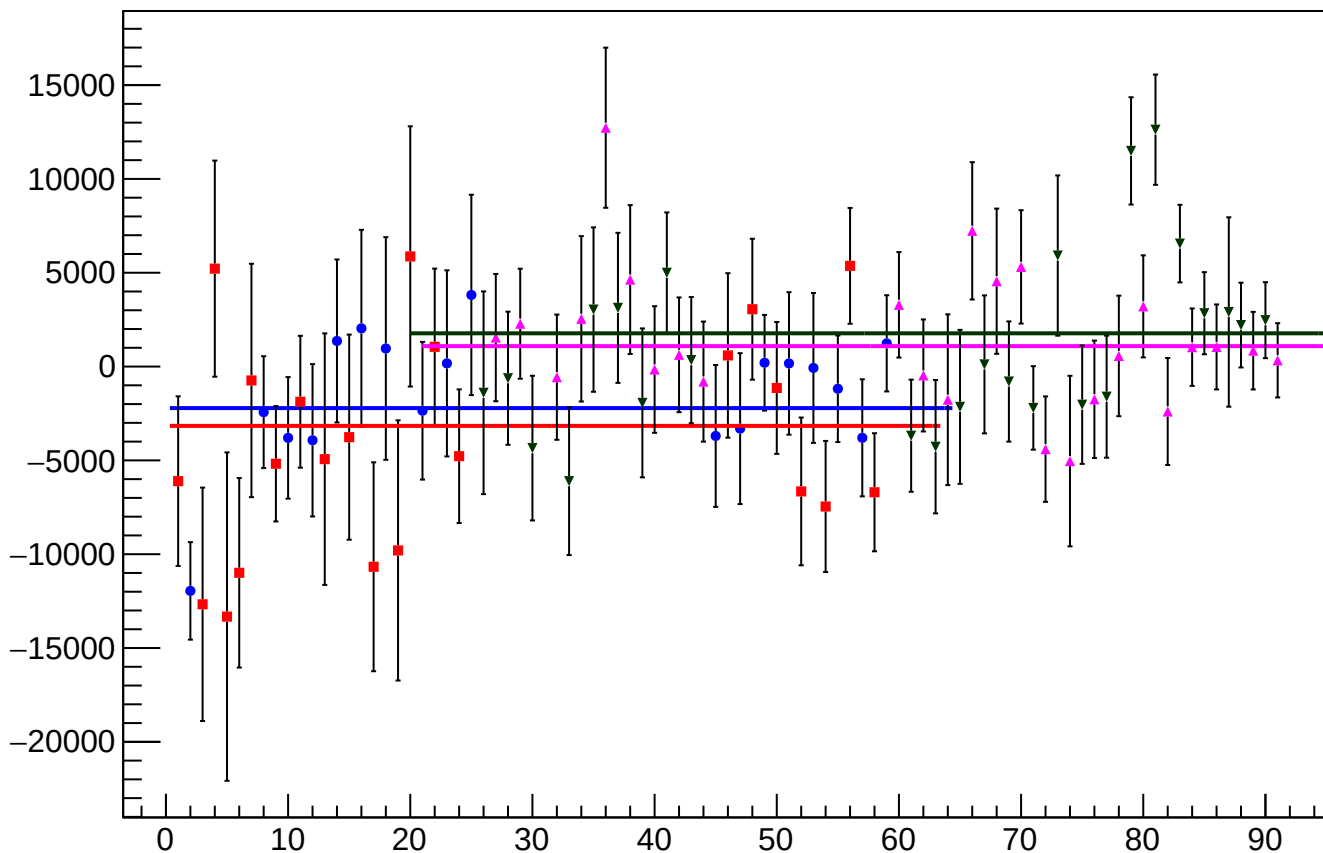
Left Out: 415.548 $\pm$ 0.084 χ^2 /NDF: 597464.6/24

Right Out: 564.956 $\pm$ 0.125 χ^2 /NDF: 746638.9/21

Left In: 428.392 $\pm$ 0.083 χ^2 /NDF: 721801.0/24

462.654 $\pm$ 0.048 χ^2 /NDF: 4206509.3/89

asym_sam6_correction_mean vs slug



Right In: -2213.445 $\pm$ 821.686 χ^2 /NDF: 21.6/17

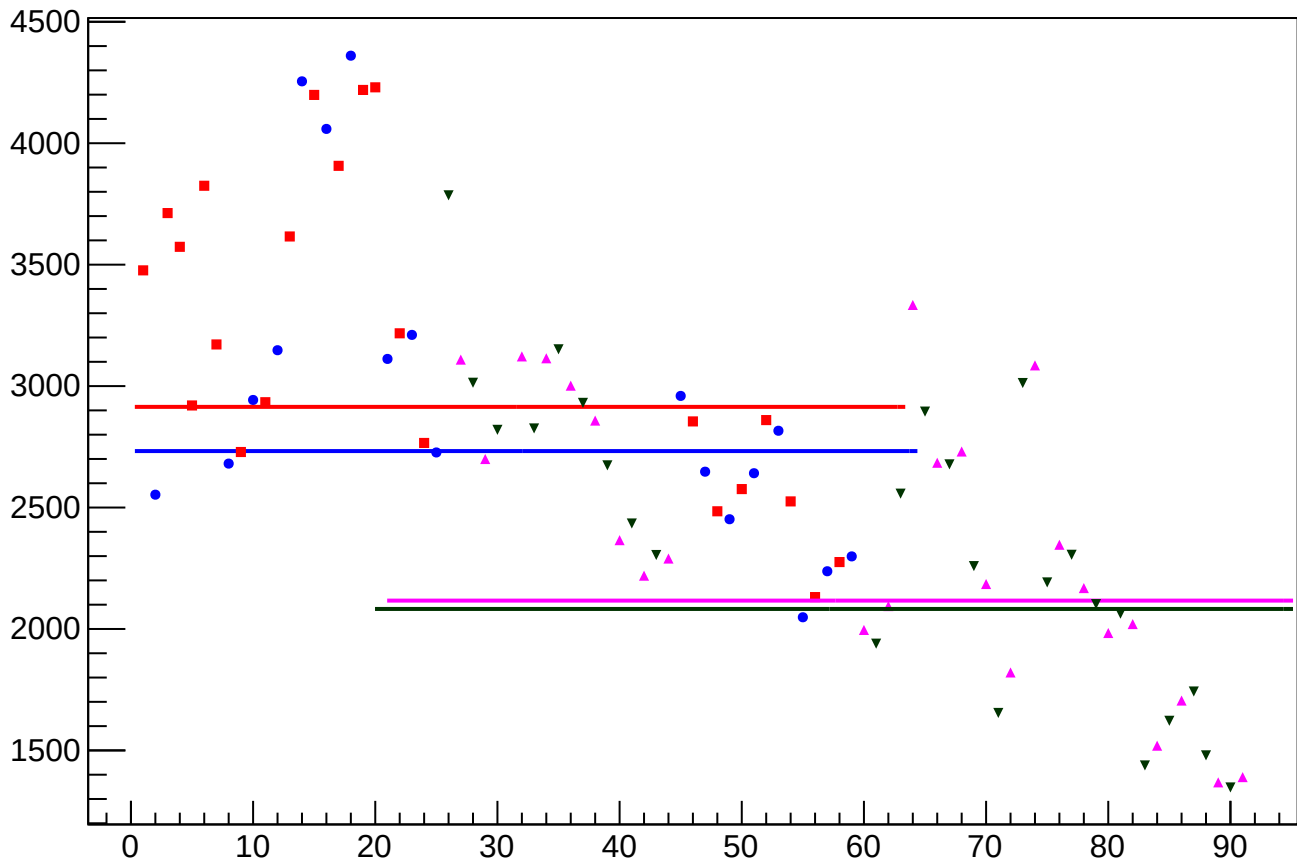
Left Out: 1772.003 $\pm$ 615.103 χ^2 /NDF: 55.2/24

89.741 $\pm$ 350.027 χ^2 /NDF: 162.6/89

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

asym_sam6_correction_rms vs slug



Right In: 2732.496+/-0.581 χ^2/NDF : 861515.7/17

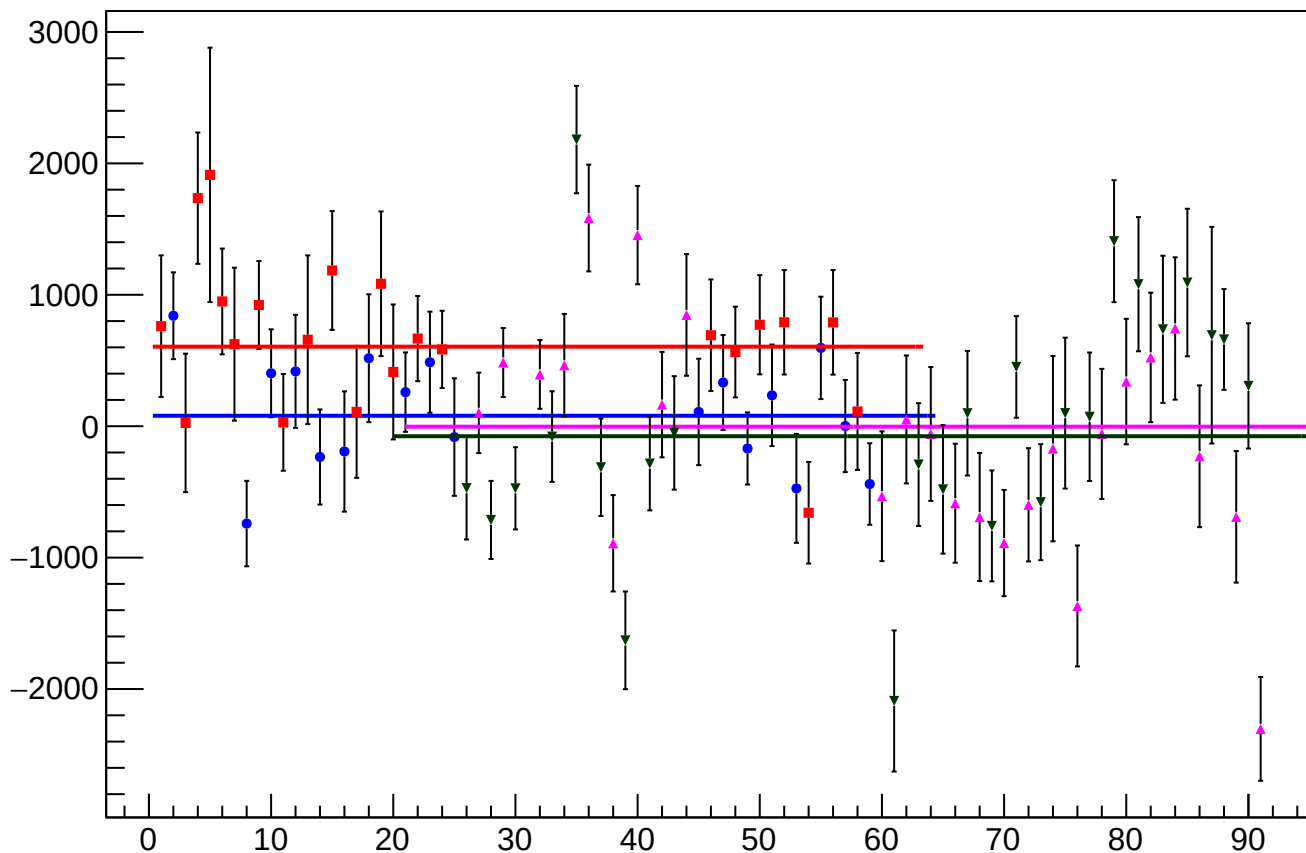
Left Out: 2082.448+/-0.435 χ^2/NDF : 1823338.8/24

Right Out: 2914.479+/-0.648 χ^2/NDF : 800237.4/21

Left In: 2116.836+/-0.419 χ^2/NDF : 1852743.8/24

2333.936+/-0.248 χ^2/NDF : 7214627.2/89

reg_asym_sam7_mean vs slug



Right In: 79.514+/-85.428 χ^2/NDF : 24.6/17

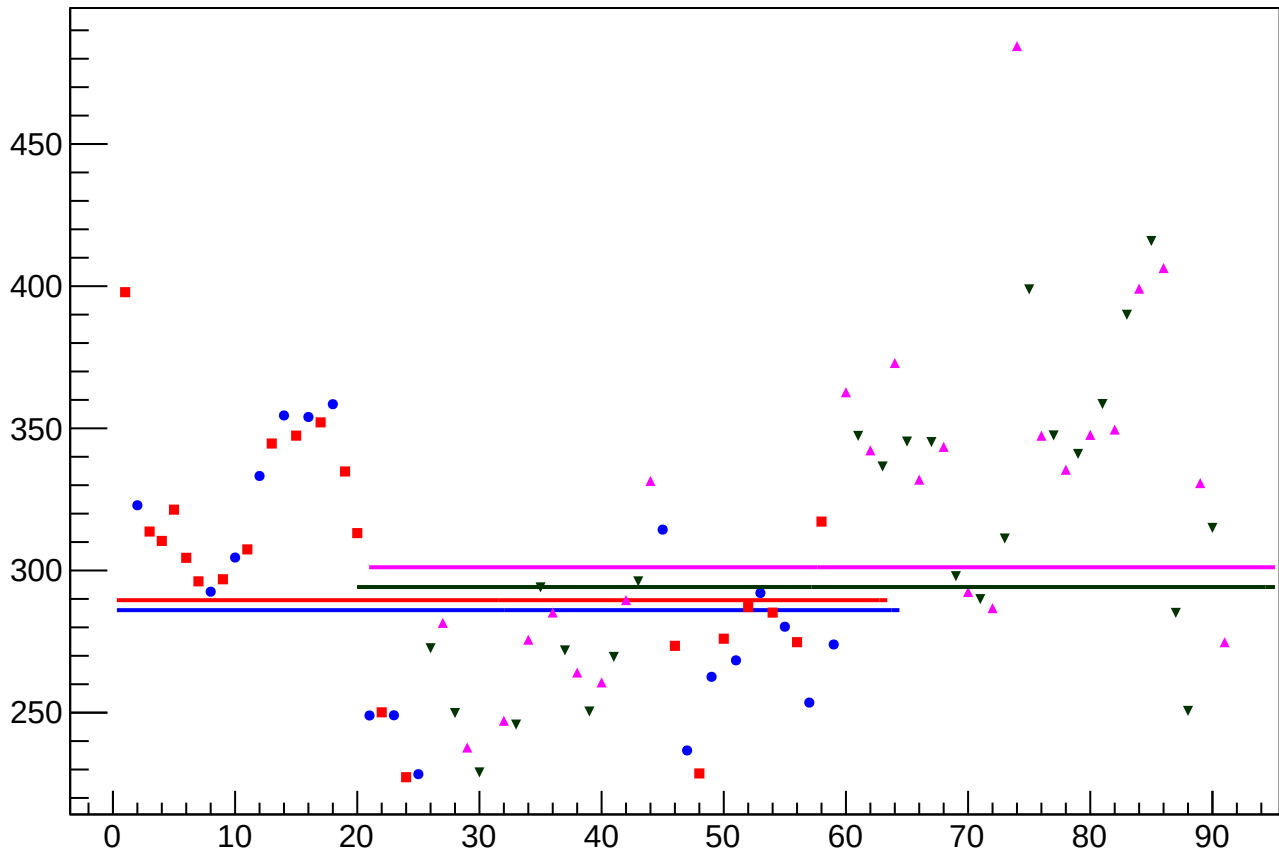
Left Out: -76.213+/-84.795 χ^2/NDF : 104.1/24

Right Out: 605.312+/-90.390 χ^2/NDF : 28.5/21

Left In: -3.680+/-82.416 χ^2/NDF : 107.1/24

135.307+/-42.807 χ^2/NDF : 300.8/89

reg_asym_sam7_rms vs slug



Right In: 286.054+/-0.060 χ^2/NDF : 384781.8/17

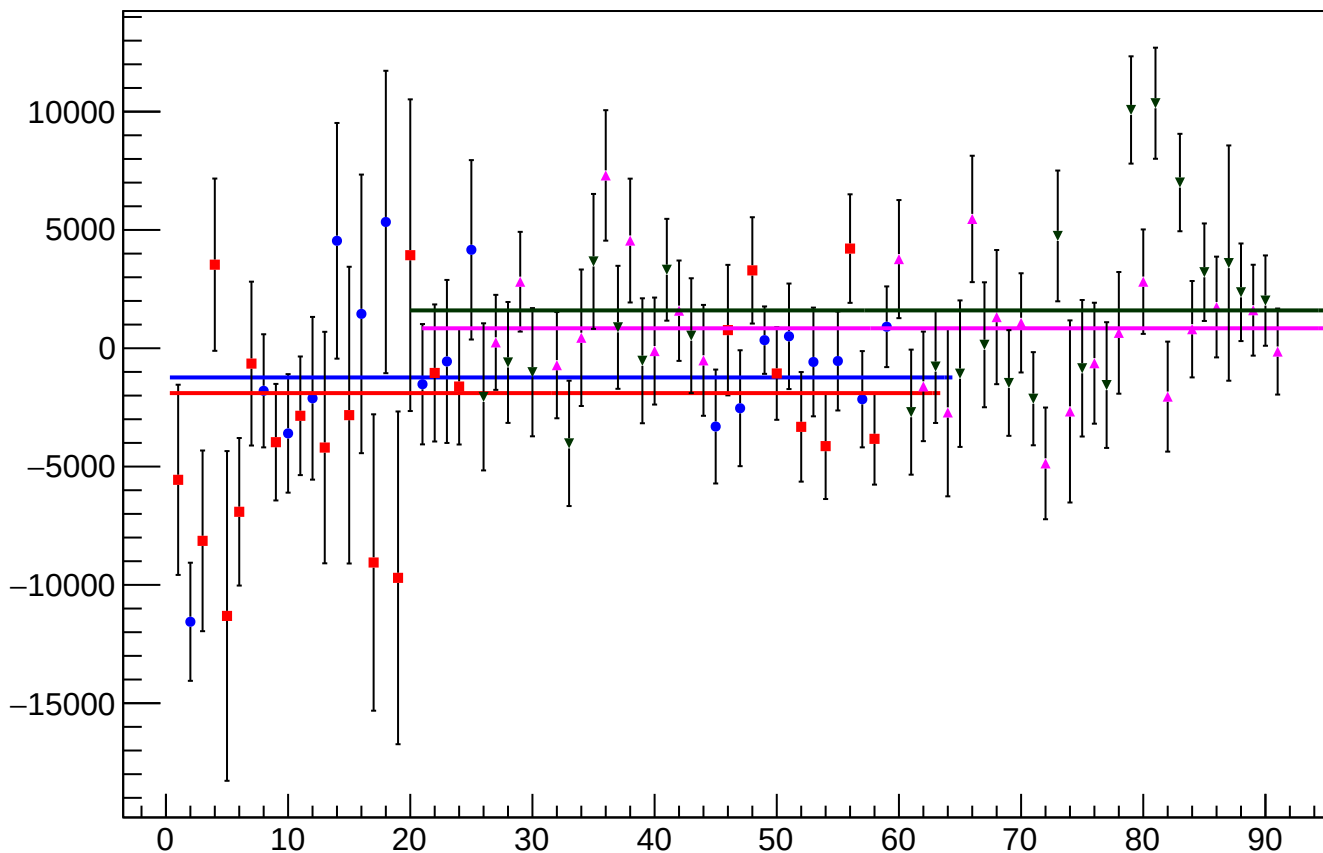
Left Out: 294.189+/-0.060 χ^2/NDF : 630684.0/24

Right Out: 289.558+/-0.064 χ^2/NDF : 393659.4/21

Left In: 301.145+/-0.058 χ^2/NDF : 749449.2/24

292.985+/-0.030 χ^2/NDF : 2194625.9/89

asym_sam7_correction_mean vs slug



Right In: -1233.276 ± 575.539 χ^2/NDF : 27.6/17

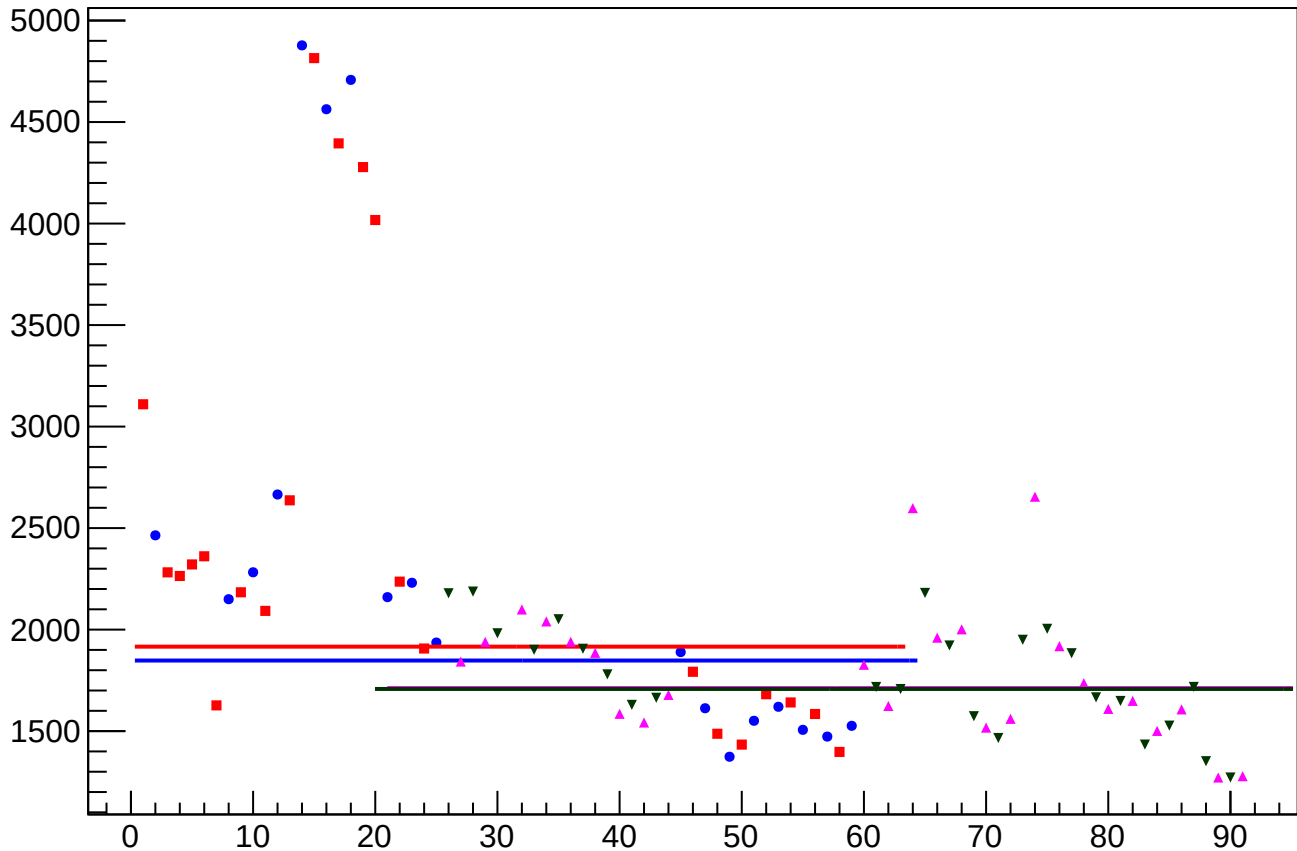
Left Out: 1599.777 ± 490.780 χ^2/NDF : 59.0/24

Right Out: -1895.525 ± 621.004 χ^2/NDF : 30.7/21

Left In: 843.774 ± 468.005 χ^2/NDF : 26.1/24

129.512 ± 264.173 χ^2/NDF : 171.0/89

asym_sam7_correction_rms vs slug



Right In: 1847.698+/-0.407 χ^2/NDF : 2437532.3/17

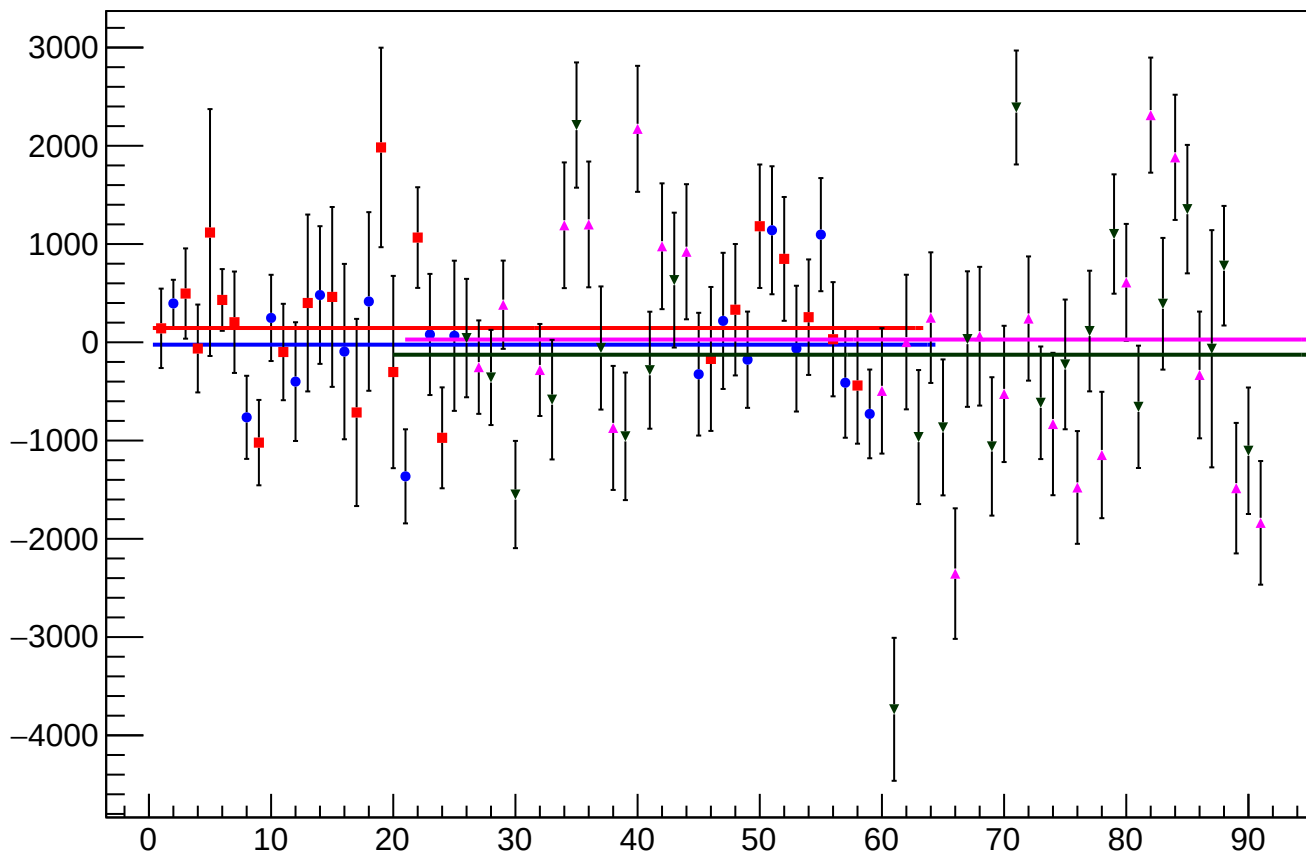
Left Out: 1707.740+/-0.347 χ^2/NDF : 552019.2/24

1776.286+/-0.187 χ^2/NDF : 5918435.4/89

Right Out: 1916.083+/-0.439 χ^2/NDF : 1980674.2/21

Left In: 1712.000+/-0.331 χ^2/NDF : 739314.6/24

reg_asym_sam8_mean vs slug



Right In: -24.162 ± 120.593 χ^2/NDF : 25.9/17

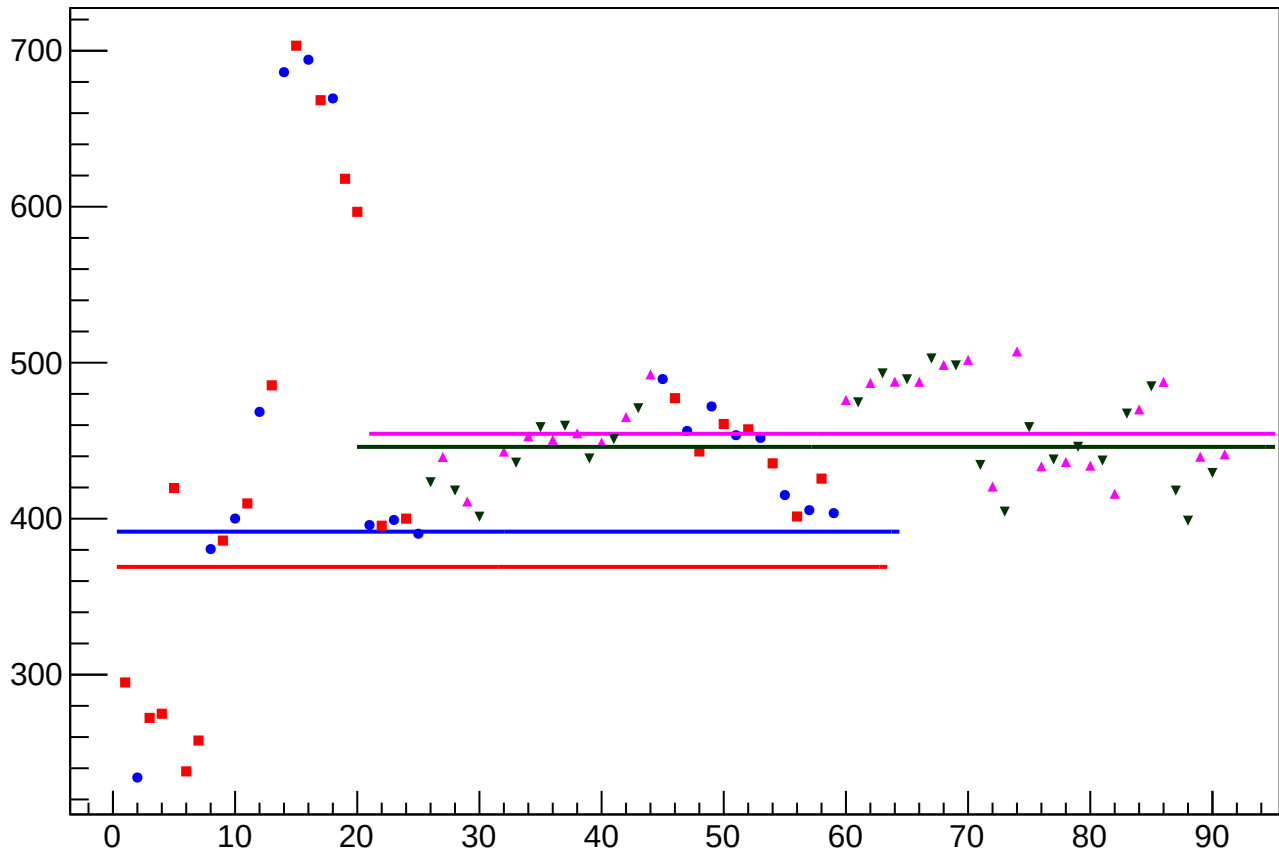
Left Out: -126.509 ± 126.718 χ^2/NDF : 87.9/24

9.823 ± 61.009 χ^2/NDF : 233.9/89

Right Out: 145.423 ± 118.809 χ^2/NDF : 27.4/21

Left In: 28.101 ± 122.367 χ^2/NDF : 90.1/24

reg_asym_sam8_rms vs slug



Right In: 391.692+/-0.085 χ^2/NDF : 1826781.5/17

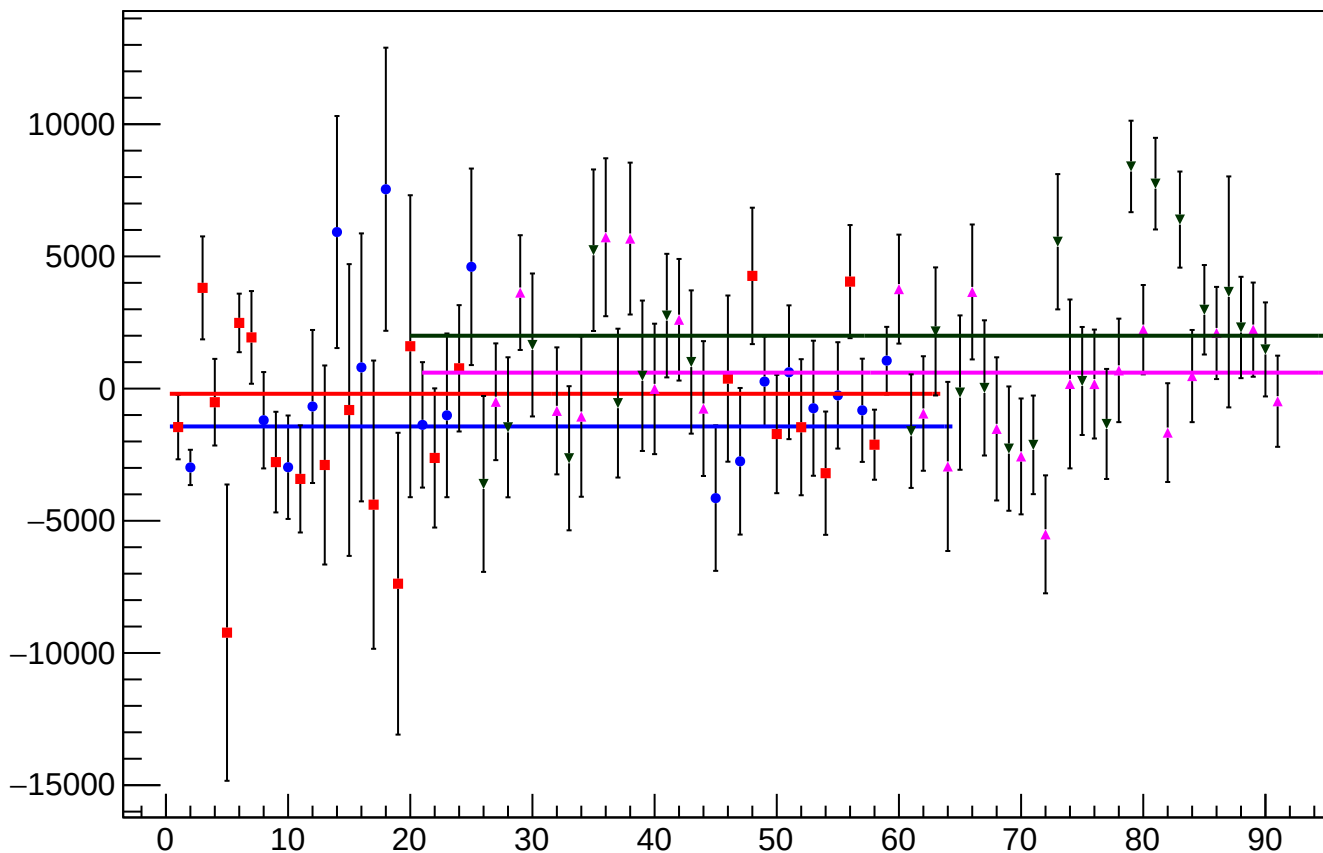
Left Out: 446.033+/-0.090 χ^2/NDF : 109596.3/24

413.927+/-0.043 χ^2/NDF : 4383352.5/89

Right Out: 369.105+/-0.084 χ^2/NDF : 1644066.4/21

Left In: 454.429+/-0.087 χ^2/NDF : 102772.7/24

asym_sam8_correction_mean vs slug



Right In: -1431.801 ± 428.621 χ^2/NDF : 21.7/17

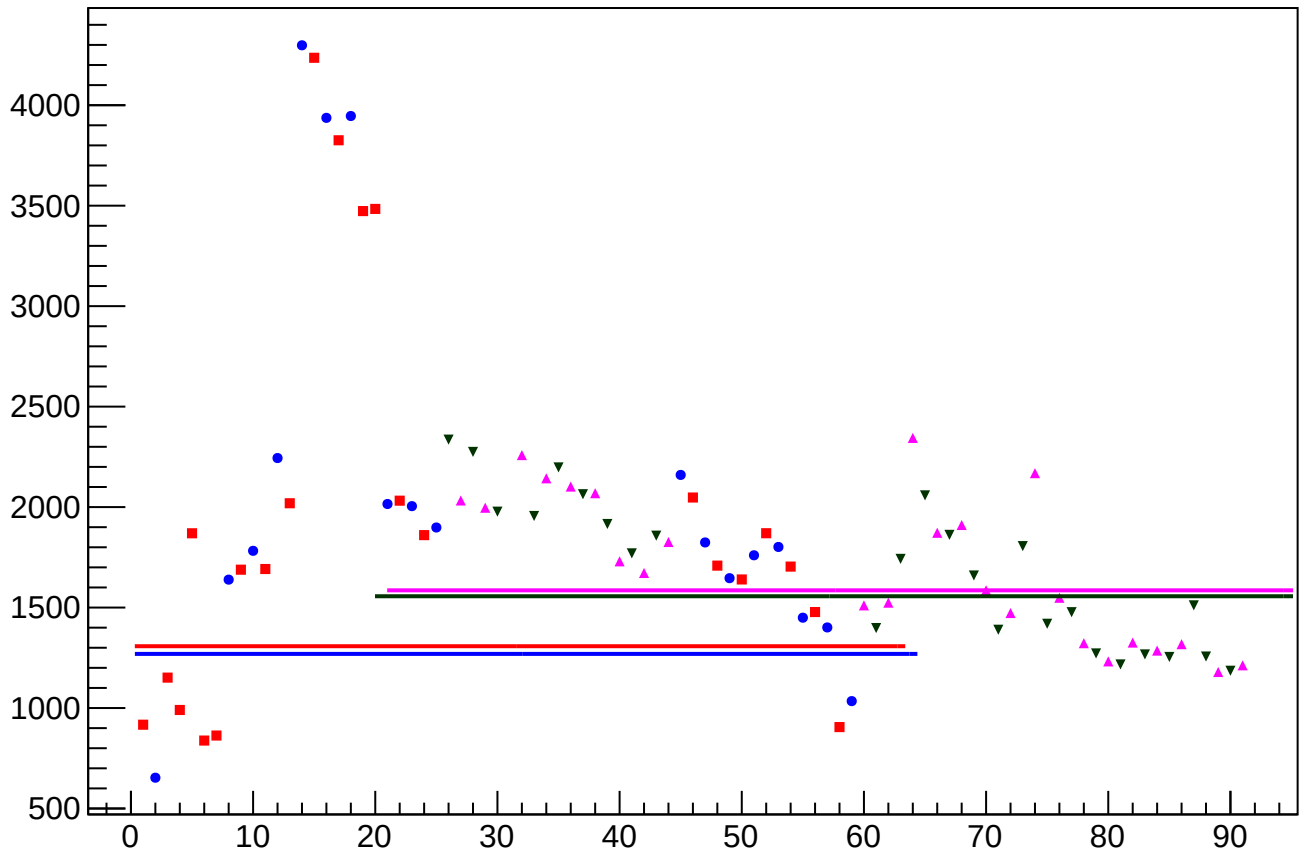
Left Out: 1999.444 ± 452.222 χ^2/NDF : 58.4/24

Right Out: -196.497 ± 443.106 χ^2/NDF : 34.9/21

Left In: 602.948 ± 437.422 χ^2/NDF : 30.2/24

200.163 ± 220.046 χ^2/NDF : 177.2/89

asym_sam8_correction_rms vs slug



Right In: 1269.386+/-0.303 χ^2/NDF : 5167845.8/17

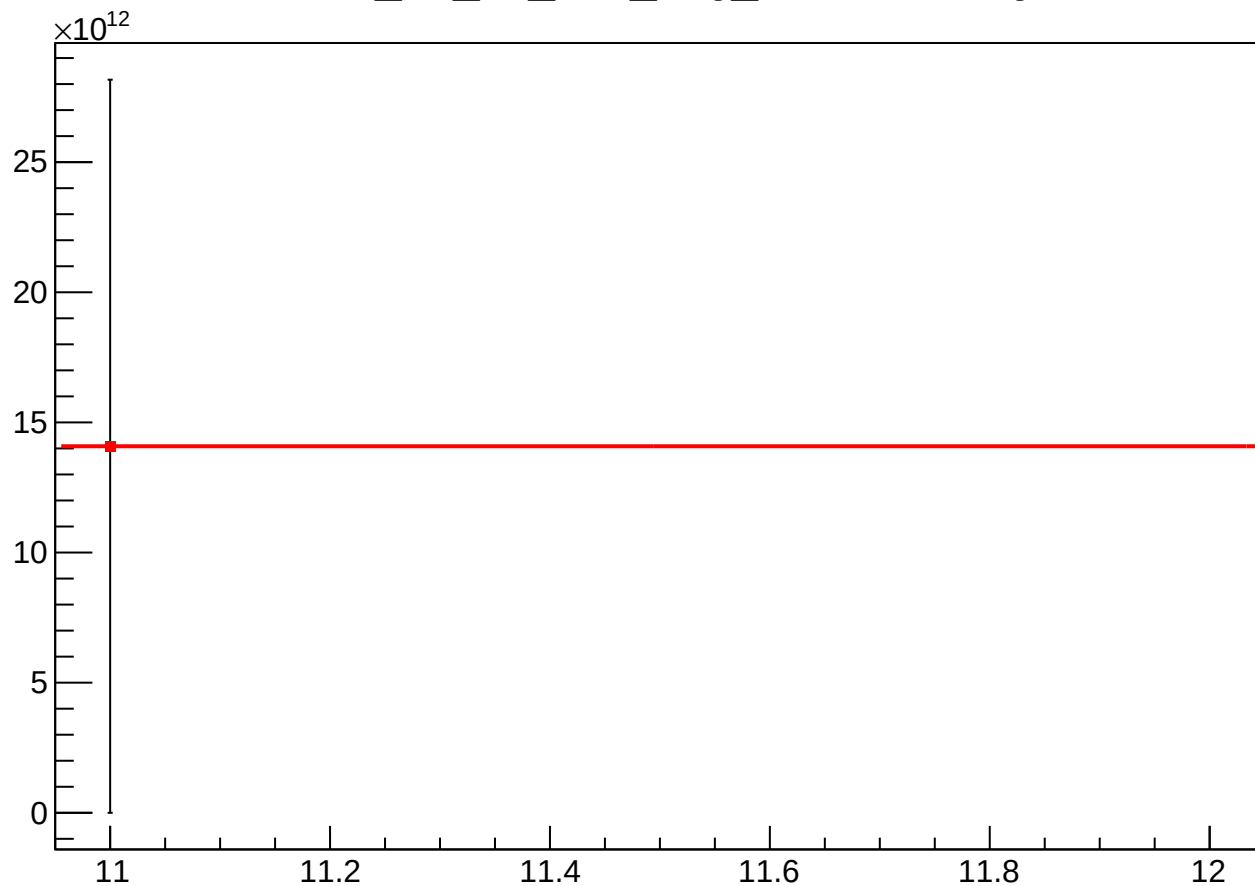
Left Out: 1556.288+/-0.320 χ^2/NDF : 1117361.7/24

Right Out: 1307.617+/-0.313 χ^2/NDF : 3405198.3/21

Left In: 1585.751+/-0.309 χ^2/NDF : 1232183.0/24

1426.803+/-0.156 χ^2/NDF : 11765109.0/89

bcm_an_us_ds3_avg_mean vs slug



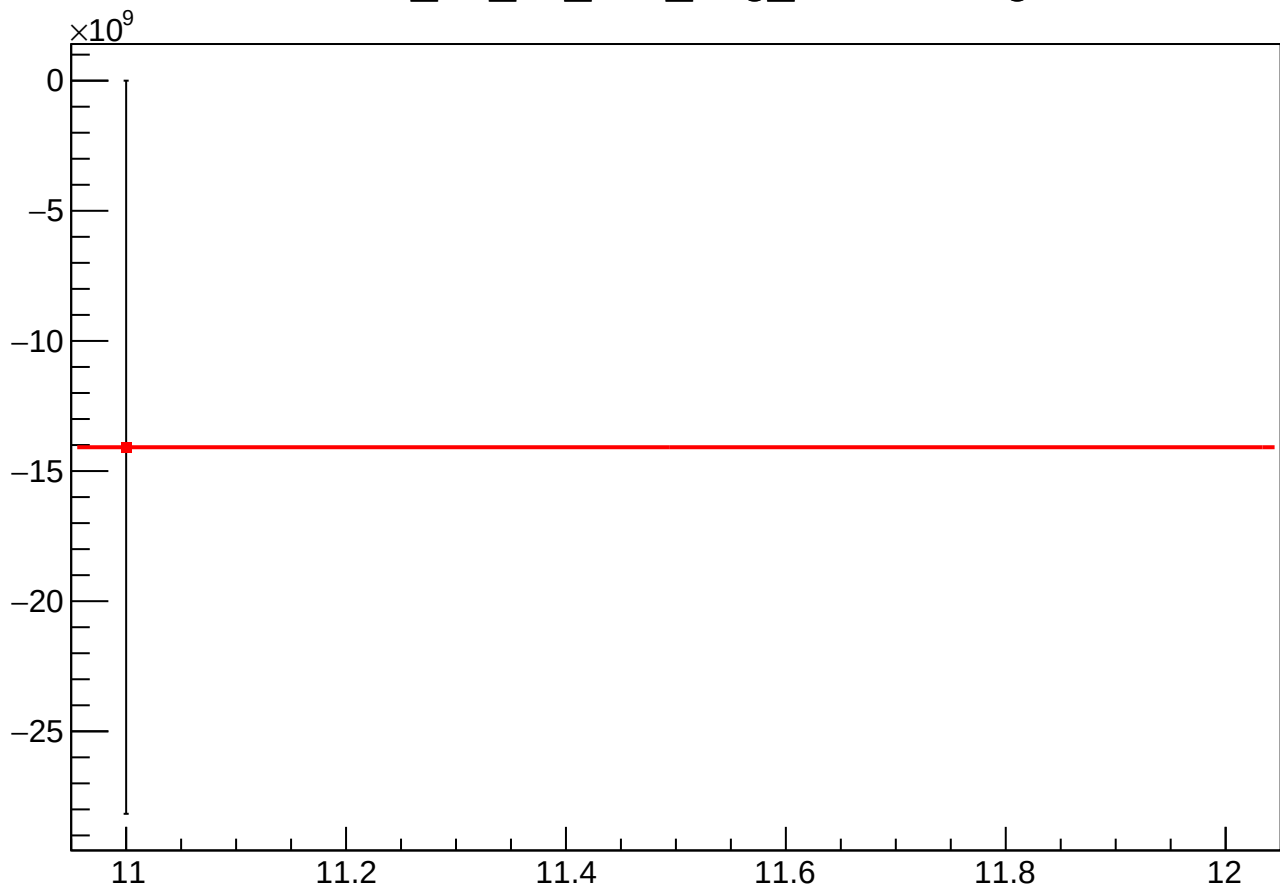
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_an_us_ds3_avg_rms vs slug



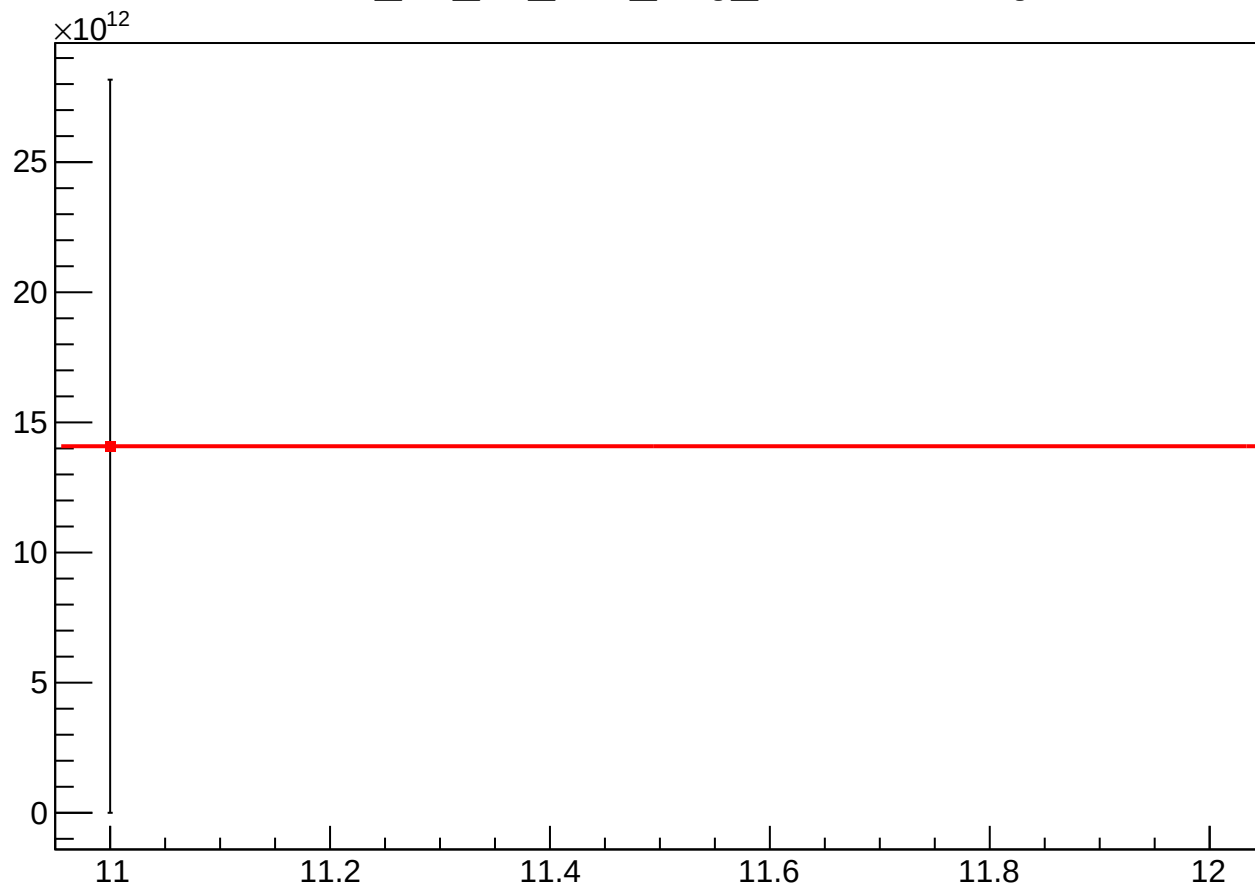
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_an_ds_ds3_avg_mean vs slug



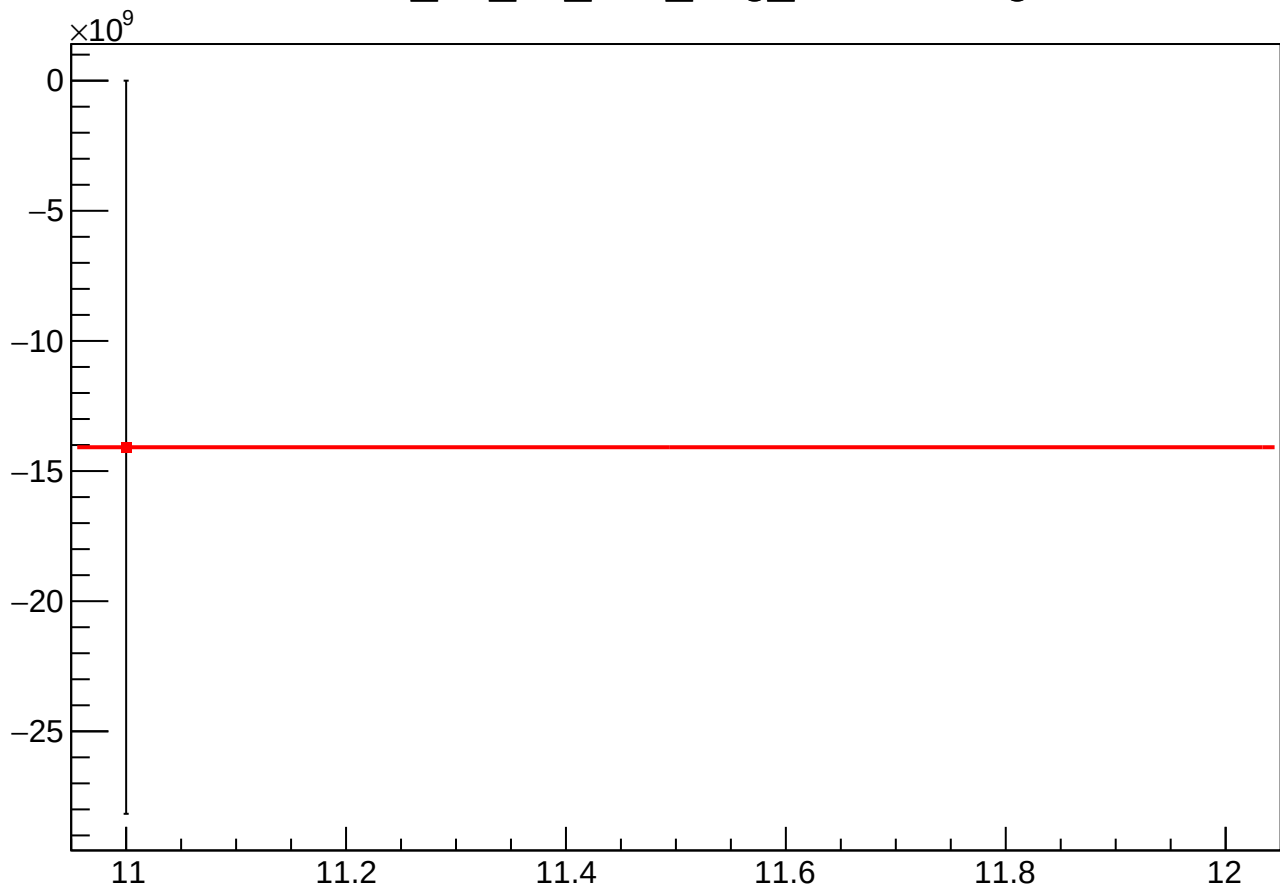
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_an_ds_ds3_avg_rms vs slug



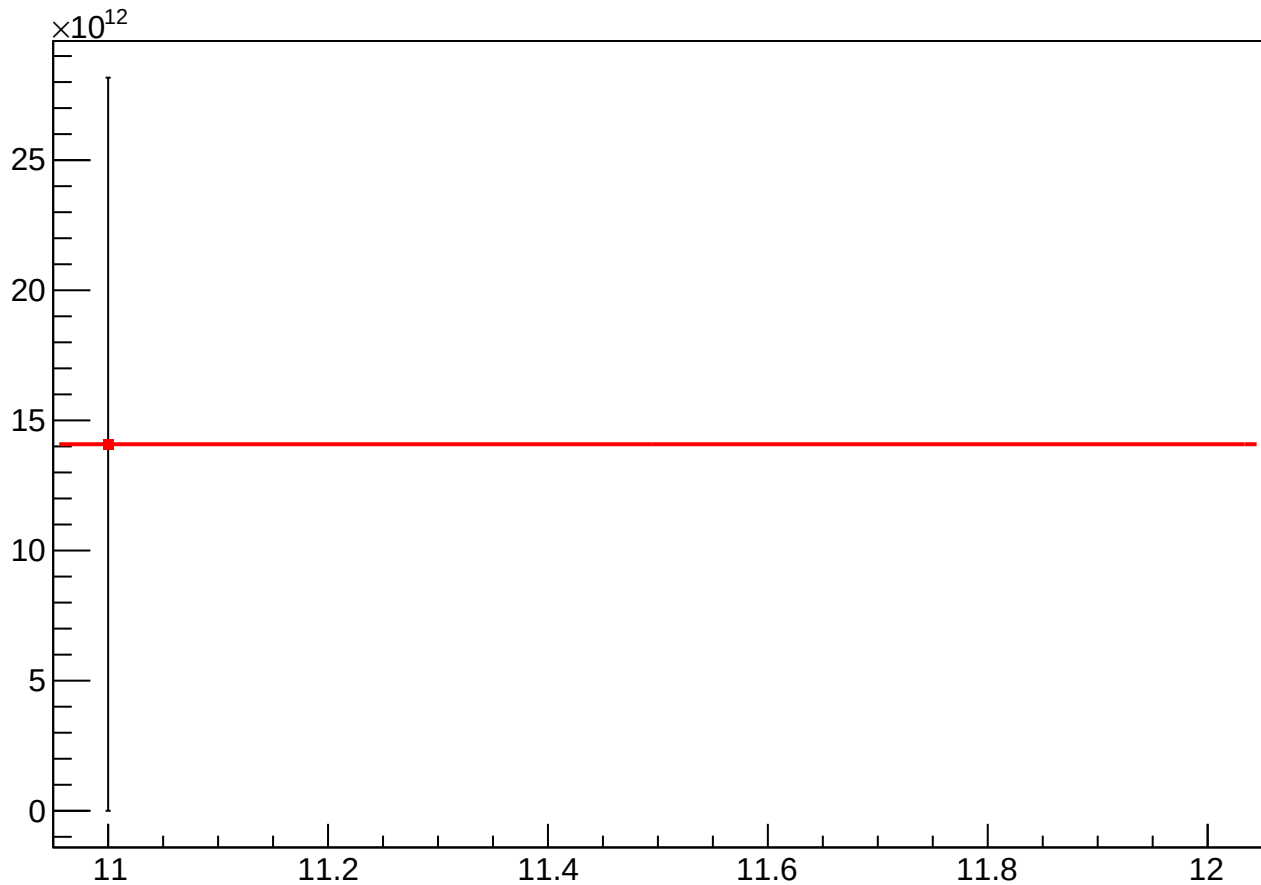
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds3_avg_mean vs slug



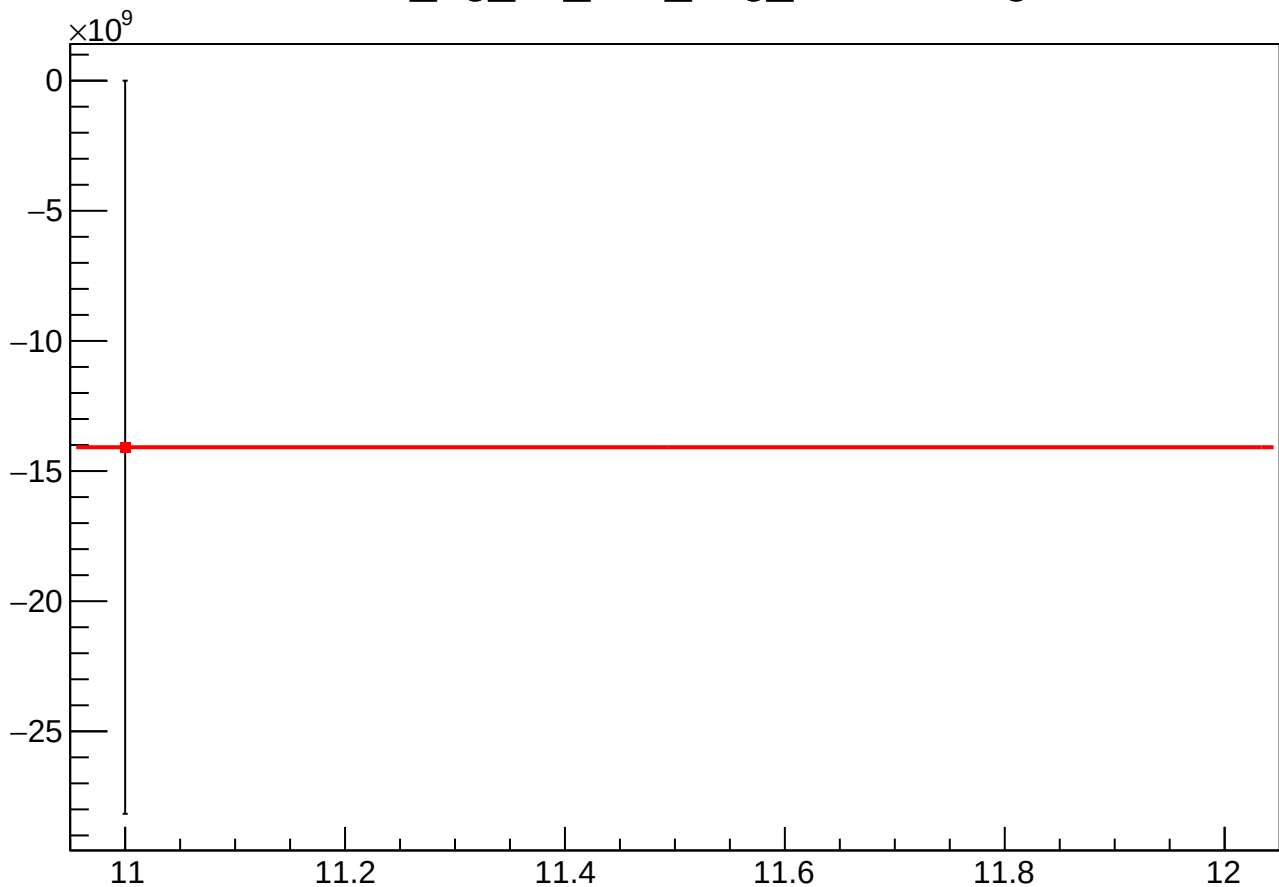
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_dg_us_ds3_avg_rms vs slug



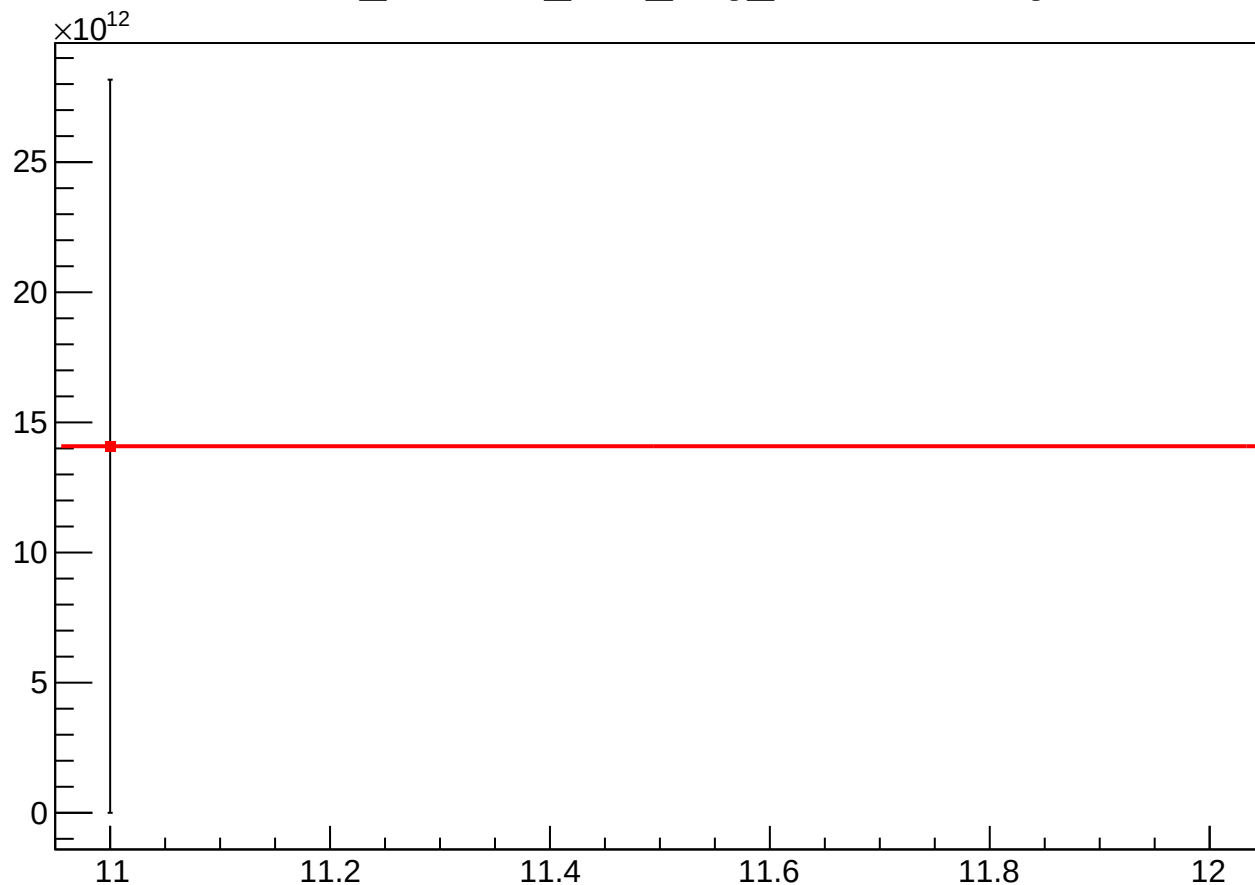
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_mean vs slug



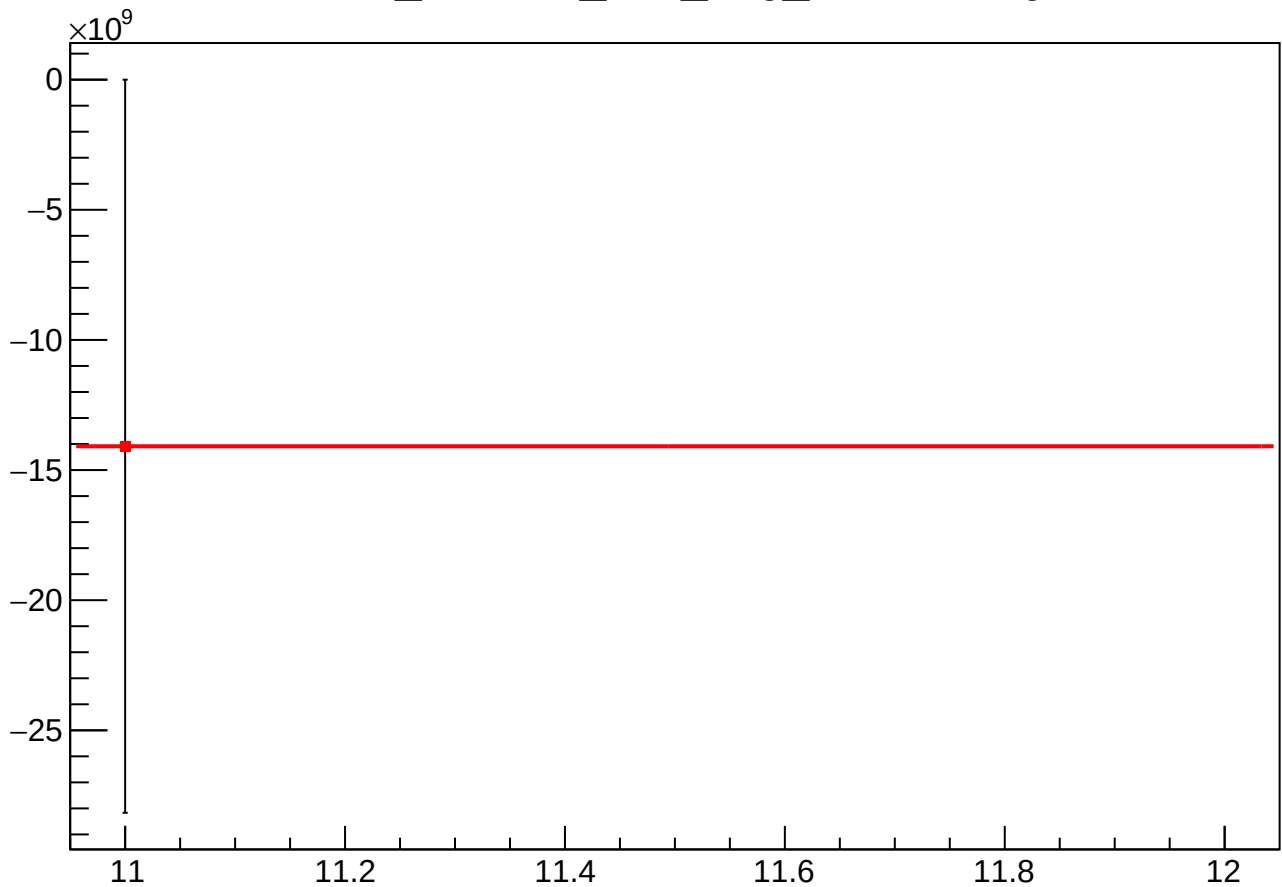
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_rms vs slug



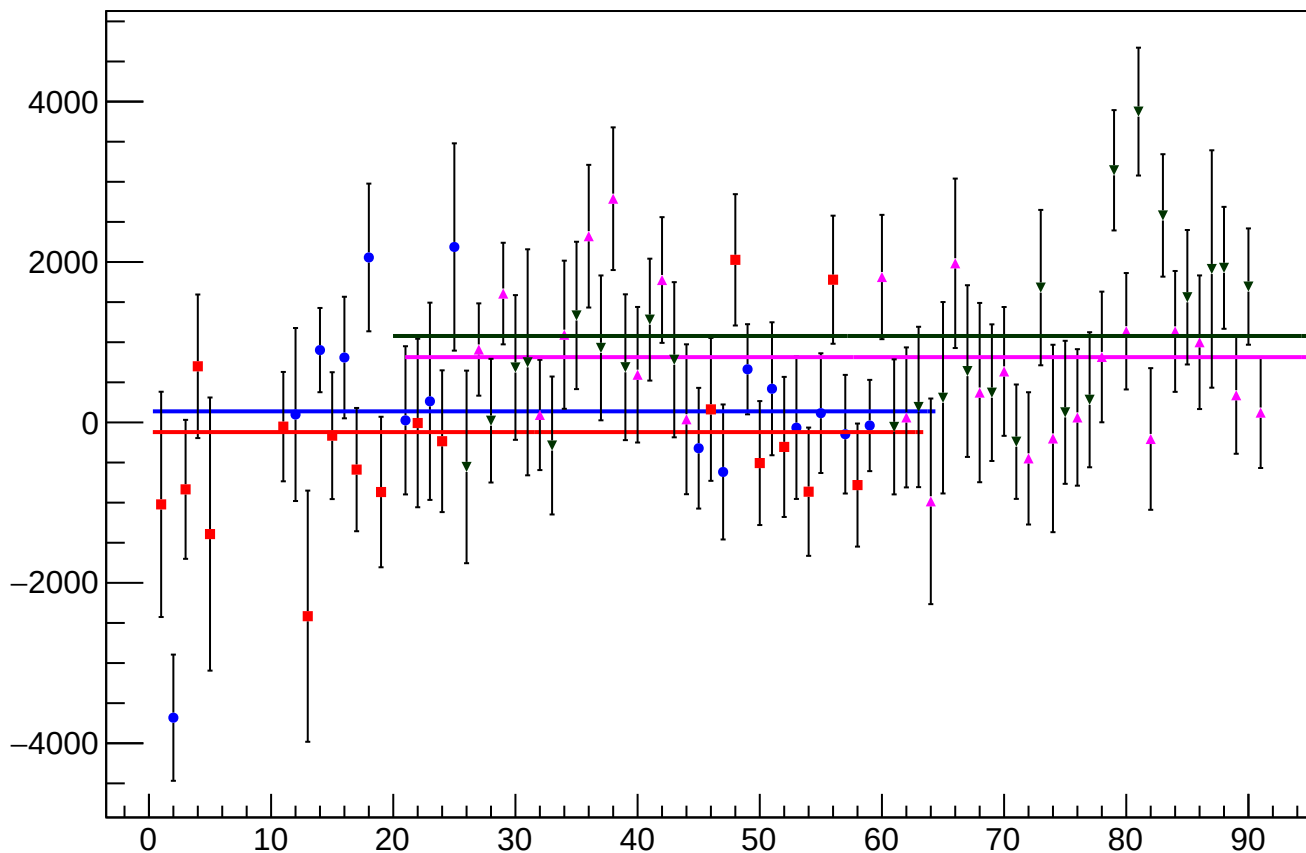
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

asym_left_avg_mean vs slug



Right In: 138.245+/-191.615 χ^2/NDF : 35.8/15

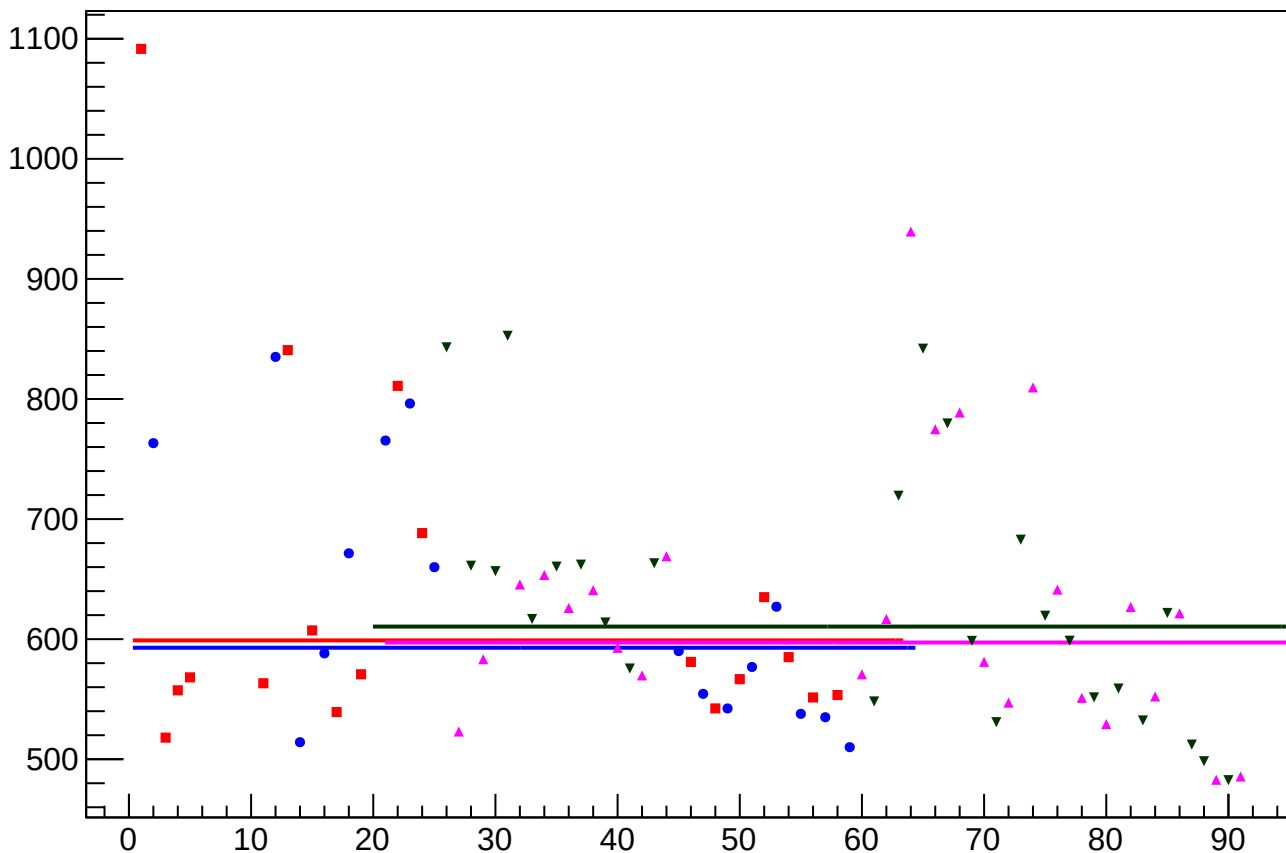
Left Out: 1077.701+/-172.695 χ^2/NDF : 43.1/25

Right Out: -120.497+/-207.716 χ^2/NDF : 20.2/17

Left In: 814.083+/-162.677 χ^2/NDF : 25.7/24

557.546+/-90.636 χ^2/NDF : 151.8/84

asym_left_avg_rms vs slug



Right In: 592.845+/-0.135 χ^2/NDF : 473779.4/15

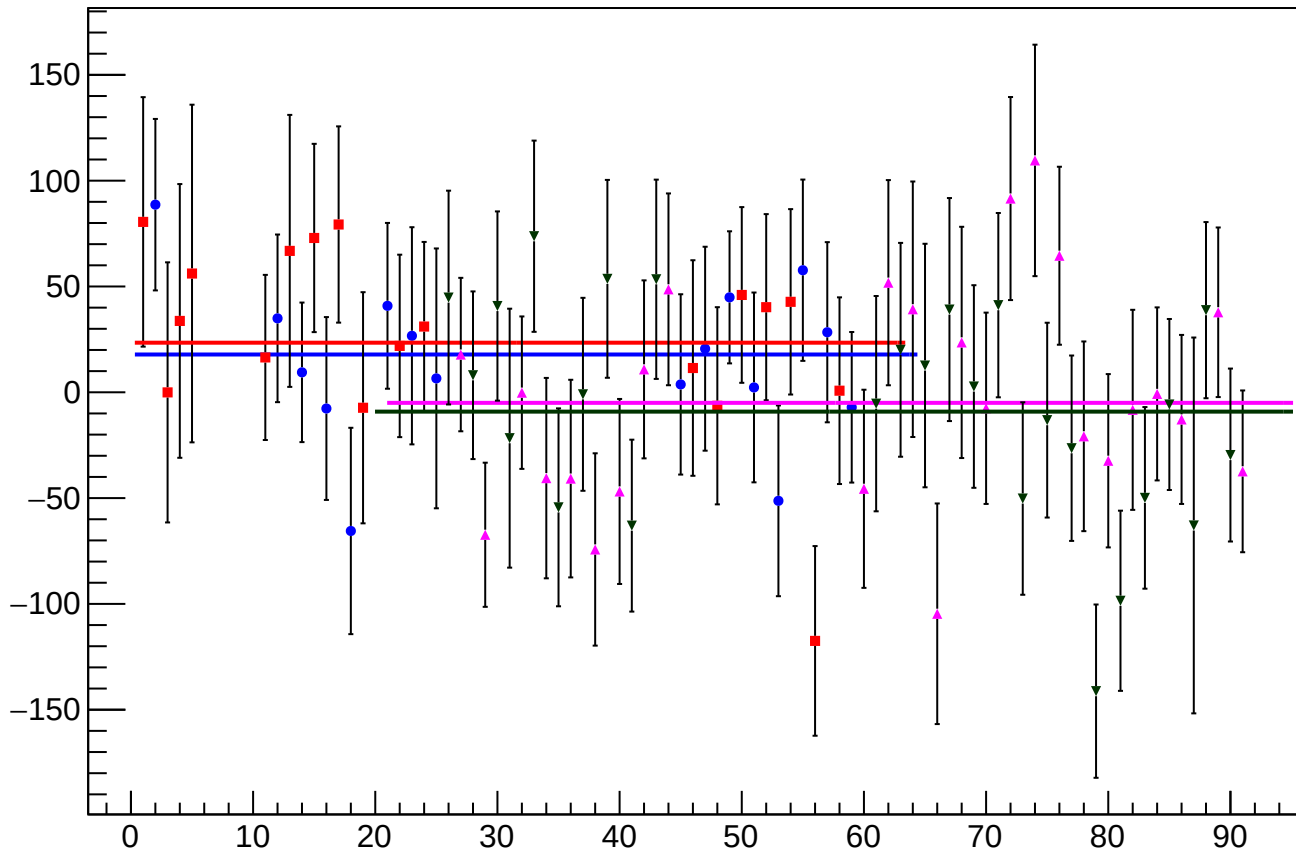
Left Out: 610.469+/-0.122 χ^2/NDF : 524479.2/25

Right Out: 598.974+/-0.147 χ^2/NDF : 469739.8/17

Left In: 597.195+/-0.115 χ^2/NDF : 549878.4/24

600.217+/-0.064 χ^2/NDF : 2028647.0/84

asym_left_dd_mean vs slug



Right In: 17.858 $\pm$ 10.367 χ^2 /NDF: 11.7/15

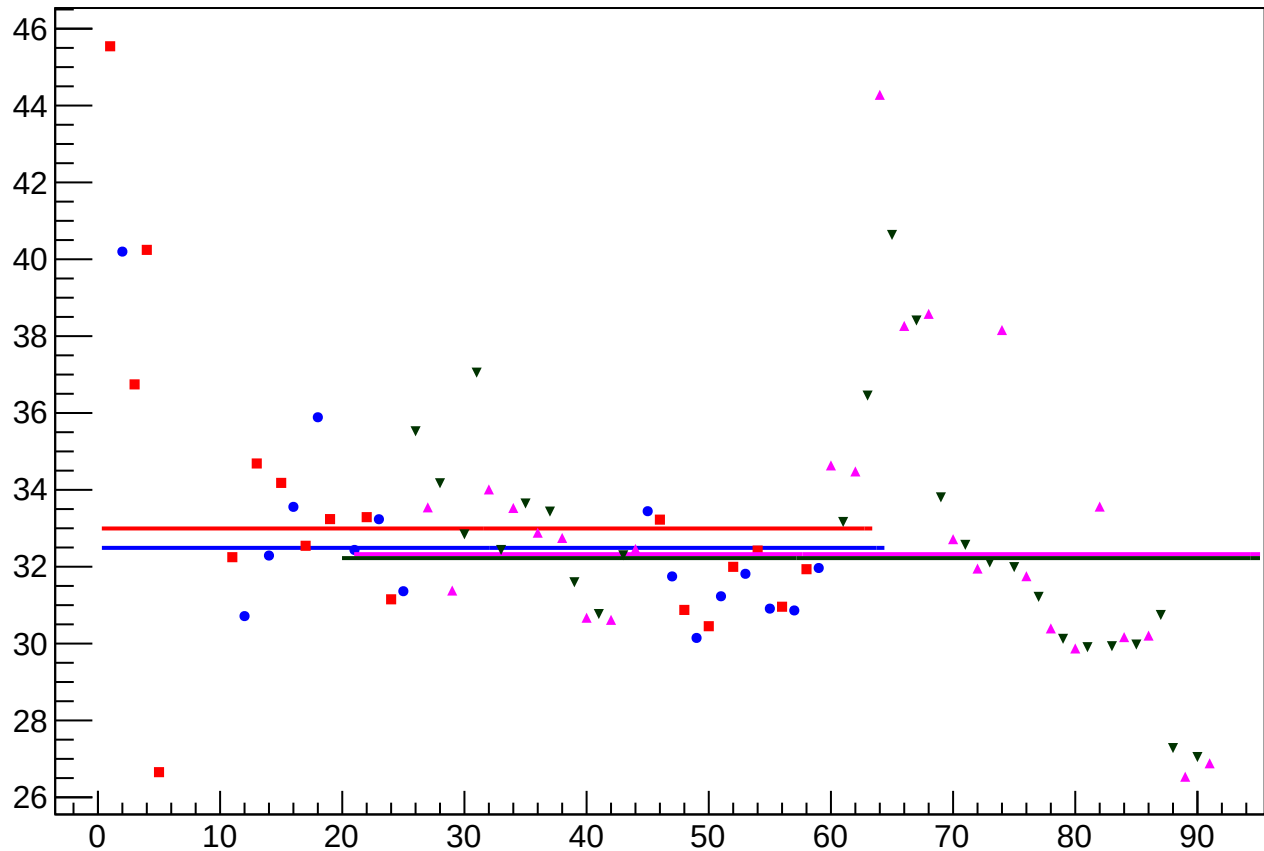
Left Out: -9.139 $\pm$ 9.044 χ^2 /NDF: 33.6/25

4.044 $\pm$ 4.854 χ^2 /NDF: 99.3/84

Right Out: 23.436 $\pm$ 11.328 χ^2 /NDF: 16.1/17

Left In: -4.988 $\pm$ 8.732 χ^2 /NDF: 29.9/24

asym_left_dd_rms vs slug



Right In: 32.490+/-0.007 χ^2/NDF : 109398.3/15

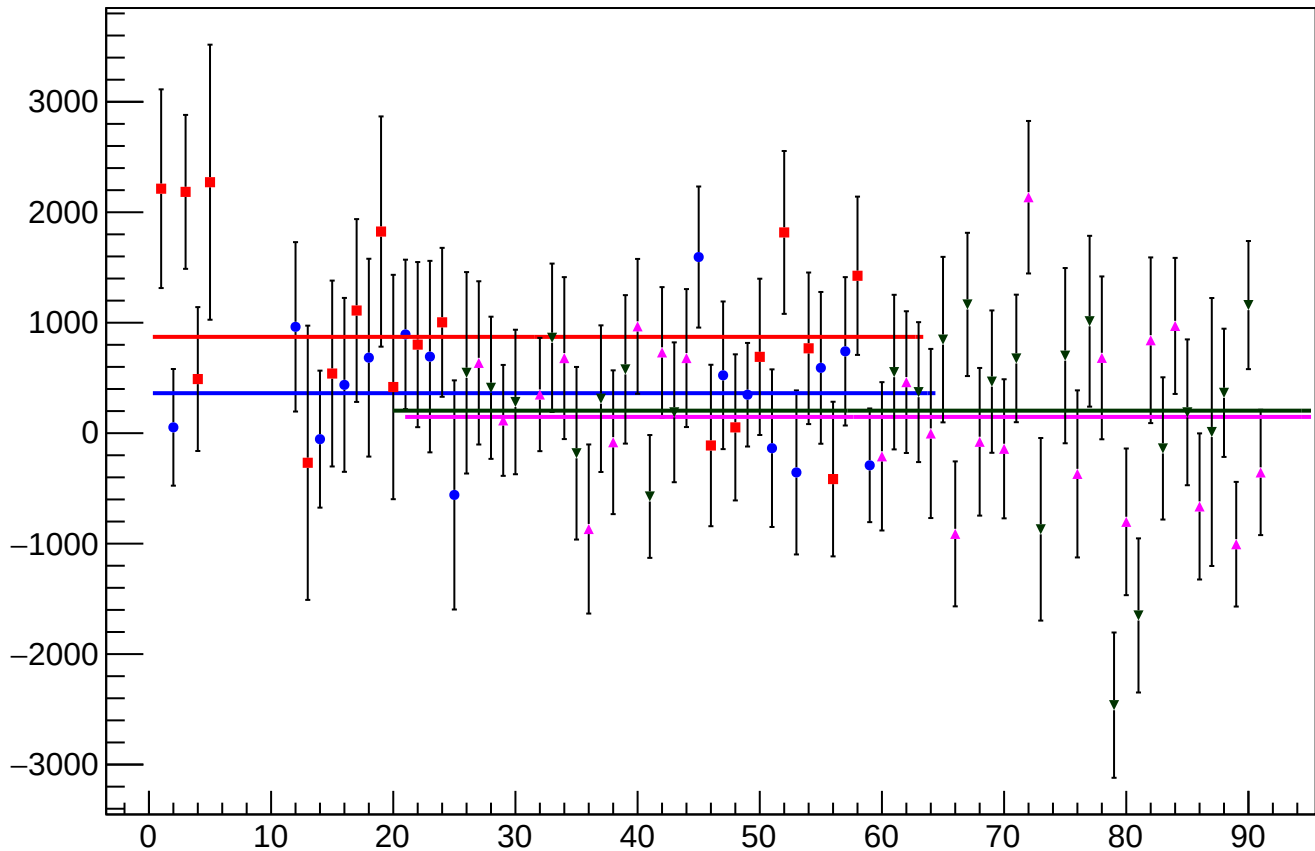
Left Out: 32.224+/-0.006 χ^2/NDF : 204754.2/25

Right Out: 32.995+/-0.008 χ^2/NDF : 162276.8/17

Left In: 32.327+/-0.006 χ^2/NDF : 284635.8/24

32.456+/-0.003 χ^2/NDF : 767366.3/84

asym_right_avg_mean vs slug



Right In: 362.077 ± 165.929 $\chi^2/\text{NDF}: 10.3/15$

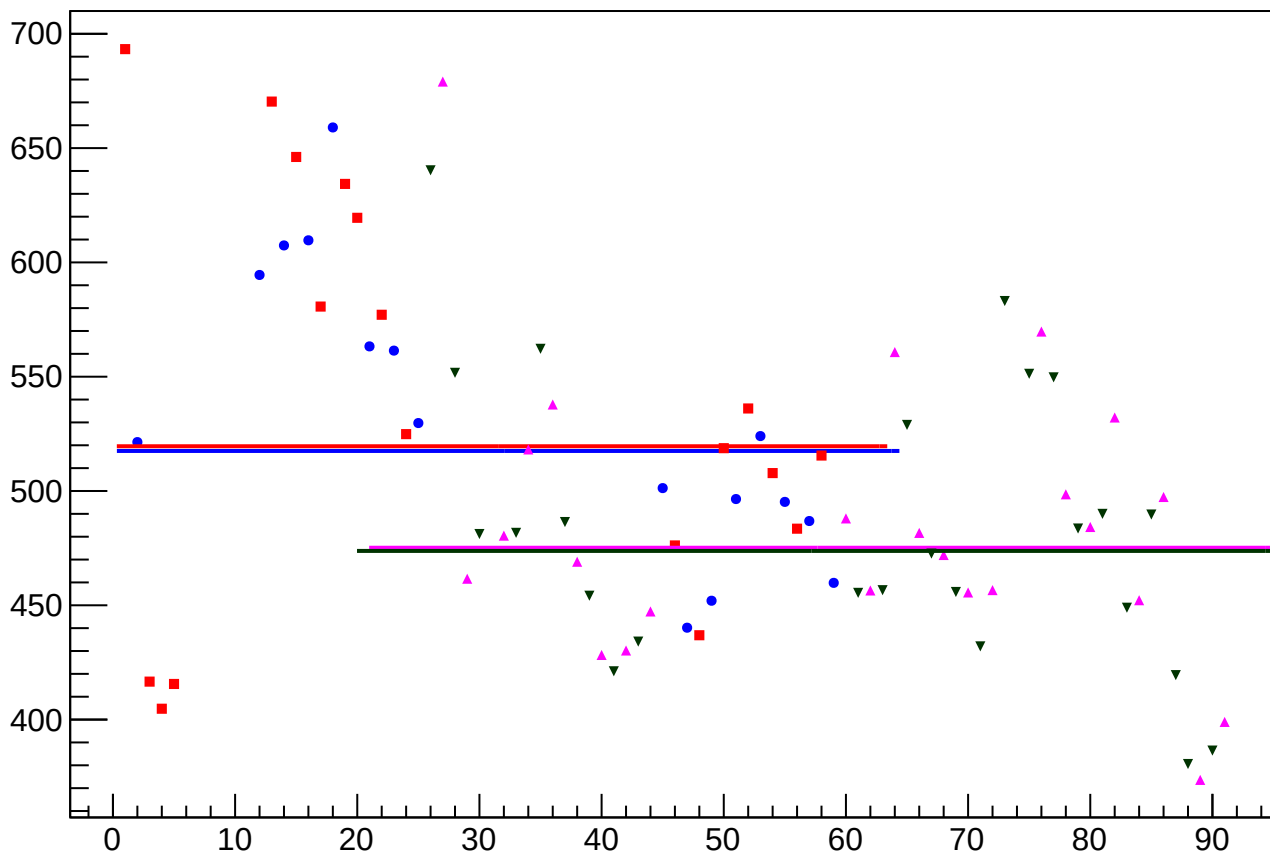
Left Out: 203.864 ± 135.400 $\chi^2/\text{NDF}: 37.6/24$

Right Out: 871.866 ± 183.155 $\chi^2/\text{NDF}: 18.6/17$

Left In: 147.145 ± 131.331 $\chi^2/\text{NDF}: 30.4/23$

329.083 ± 74.816 $\chi^2/\text{NDF}: 108.6/82$

asym_right_avg_rms vs slug



Right In: 517.516+/-0.117 χ^2/NDF : 254639.1/15

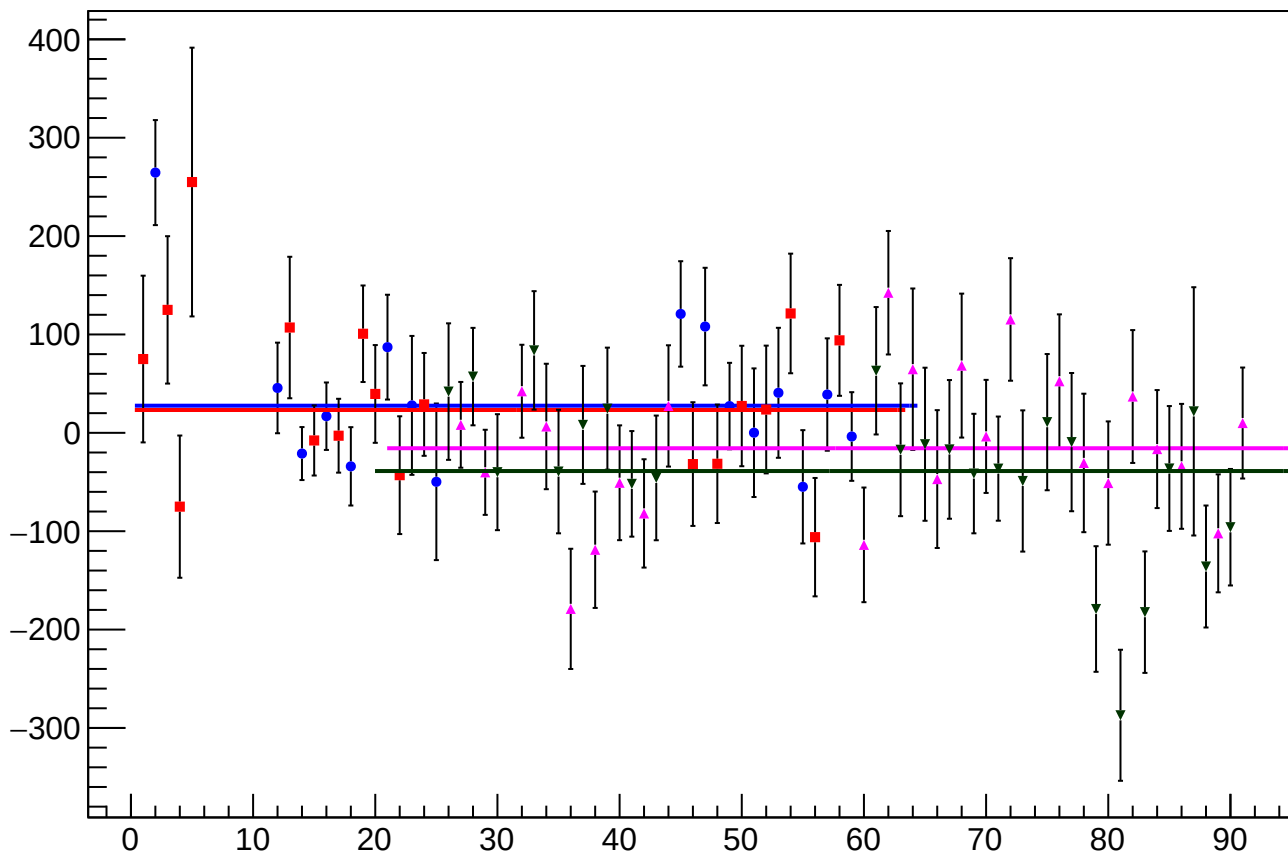
Left Out: 473.784+/-0.096 χ^2/NDF : 356034.9/24

Right Out: 519.572+/-0.130 χ^2/NDF : 380922.7/17

Left In: 475.175+/-0.093 χ^2/NDF : 383930.1/23

490.766+/-0.053 χ^2/NDF : 1536626.4/82

asym_right_dd_mean vs slug



Right In: 27.584 $\pm$ 11.865 χ^2 /NDF: 35.4/15

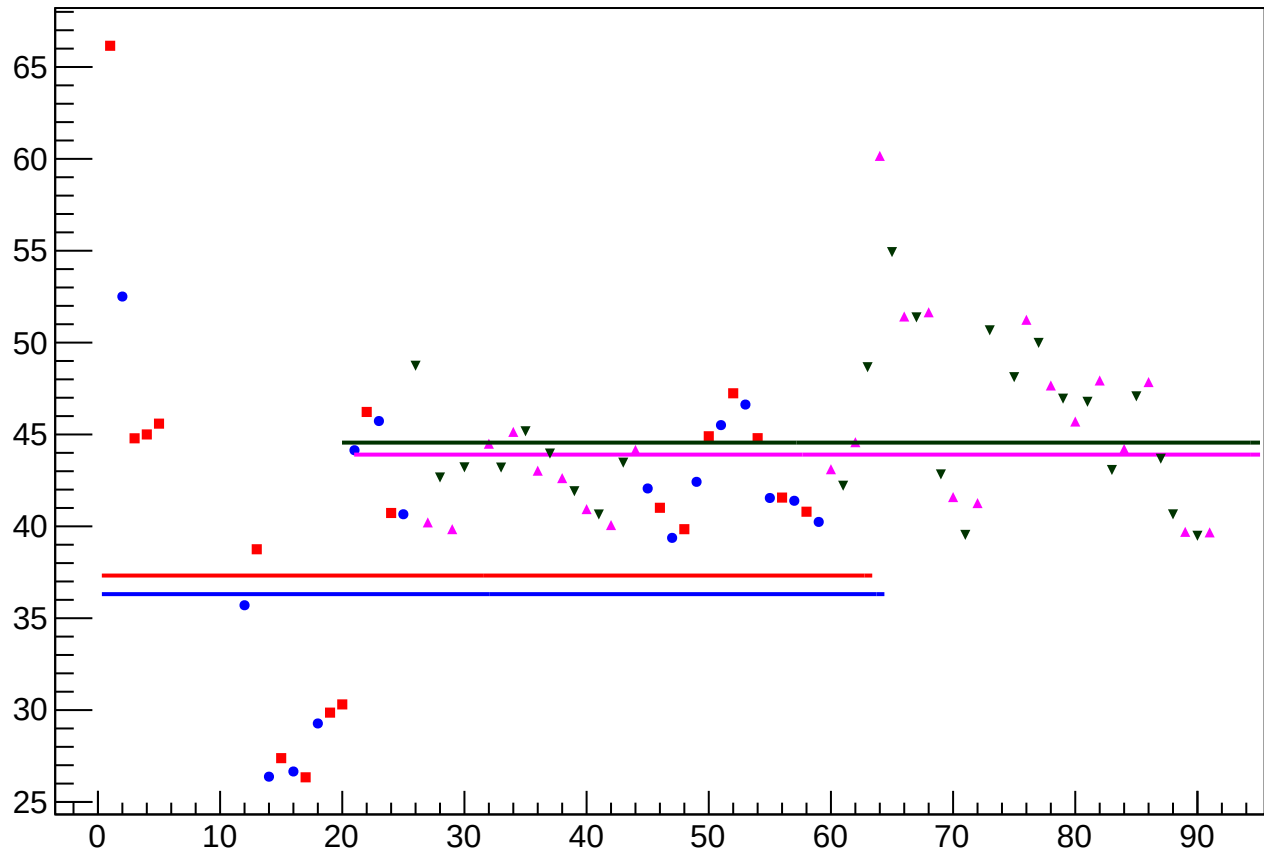
Left Out: -38.840 $\pm$ 12.686 χ^2 /NDF: 42.2/24

Right Out: 23.206 $\pm$ 13.348 χ^2 /NDF: 23.8/17

Left In: -15.665 $\pm$ 12.080 χ^2 /NDF: 35.2/23

-0.873 $\pm$ 6.228 χ^2 /NDF: 156.1/82

asym_right_dd_rms vs slug



Right In: 36.311 ± 0.008 χ^2/NDF : 965349.2/15

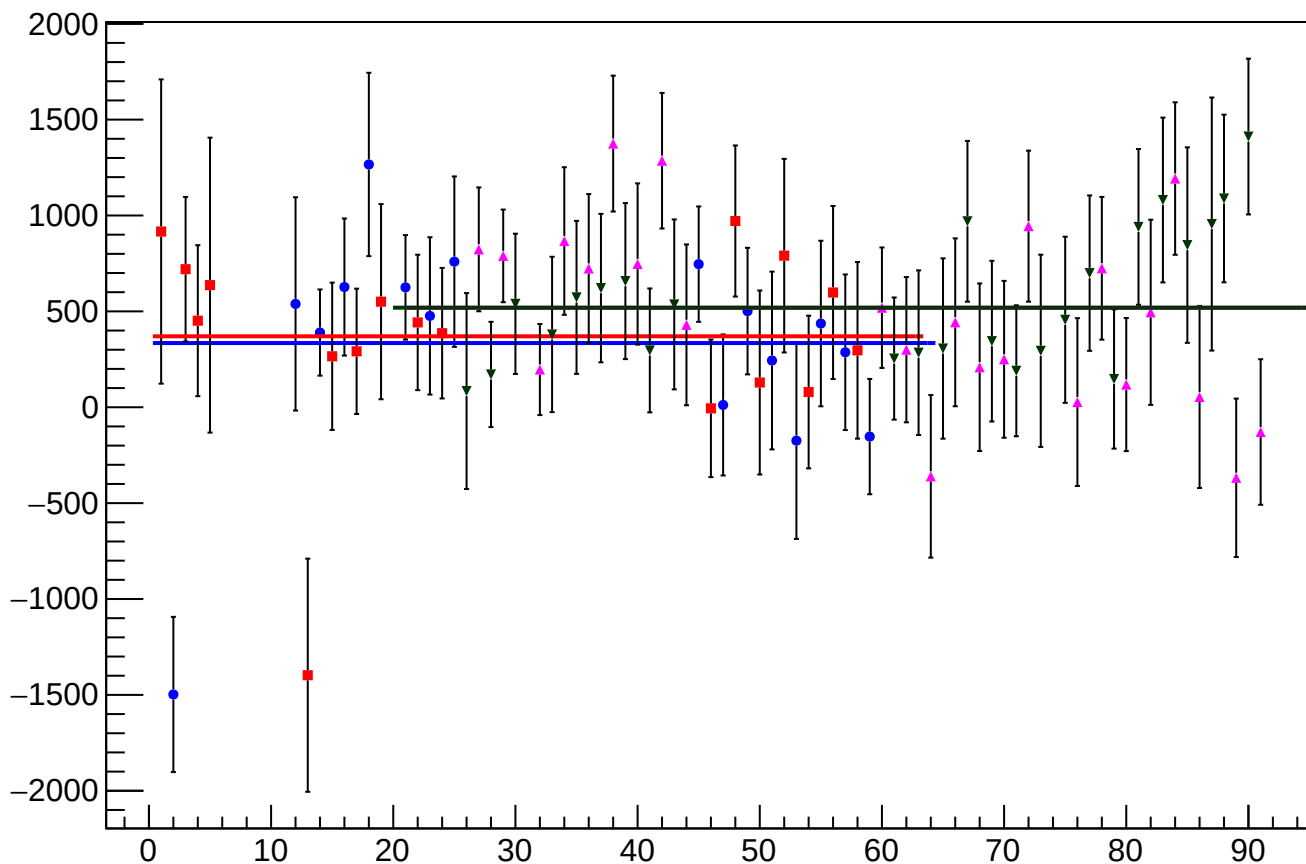
Left Out: 44.558 ± 0.009 χ^2/NDF : 175116.7/24

Right Out: 37.322 ± 0.009 χ^2/NDF : 883097.5/17

Left In: 43.904 ± 0.009 χ^2/NDF : 247298.0/23

40.537 ± 0.004 χ^2/NDF : 2996925.2/82

asym_us_avg_mean vs slug



Right In: 334.850 $\pm$ 89.660 χ^2 /NDF: 33.9/15

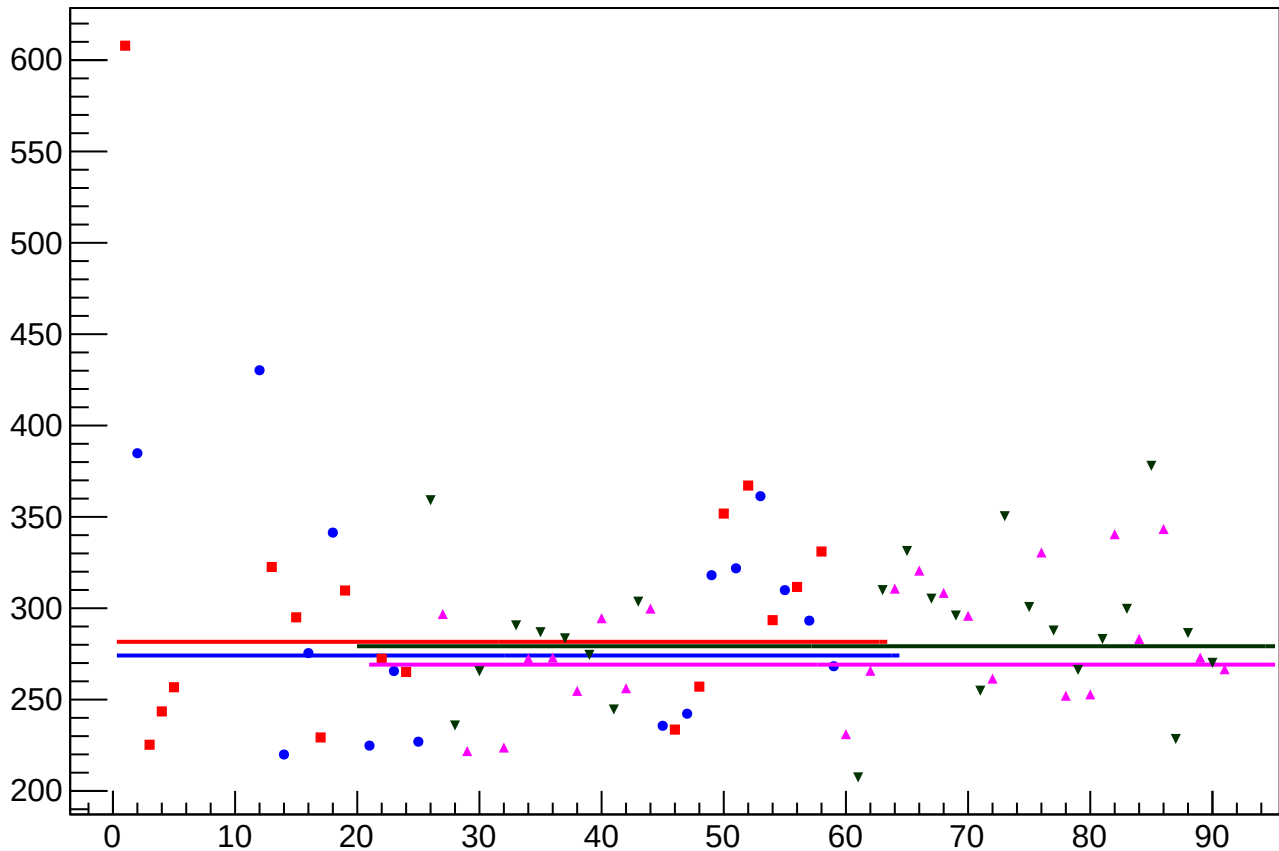
Left Out: 519.202 $\pm$ 80.050 χ^2 /NDF:18.2/24

Right Out: 370.041 $\pm$ 102.838 χ^2 /NDF: 15.4/16

Left In: 518.819 $\pm$ 74.675 χ^2 /NDF:37.0/23

452.265 $\pm$ 42.473 χ^2 /NDF: 108.4/81

asym_us_avg_rms vs slug



Right In: 274.129 ± 0.063 $\chi^2/\text{NDF}: 733269.3/15$

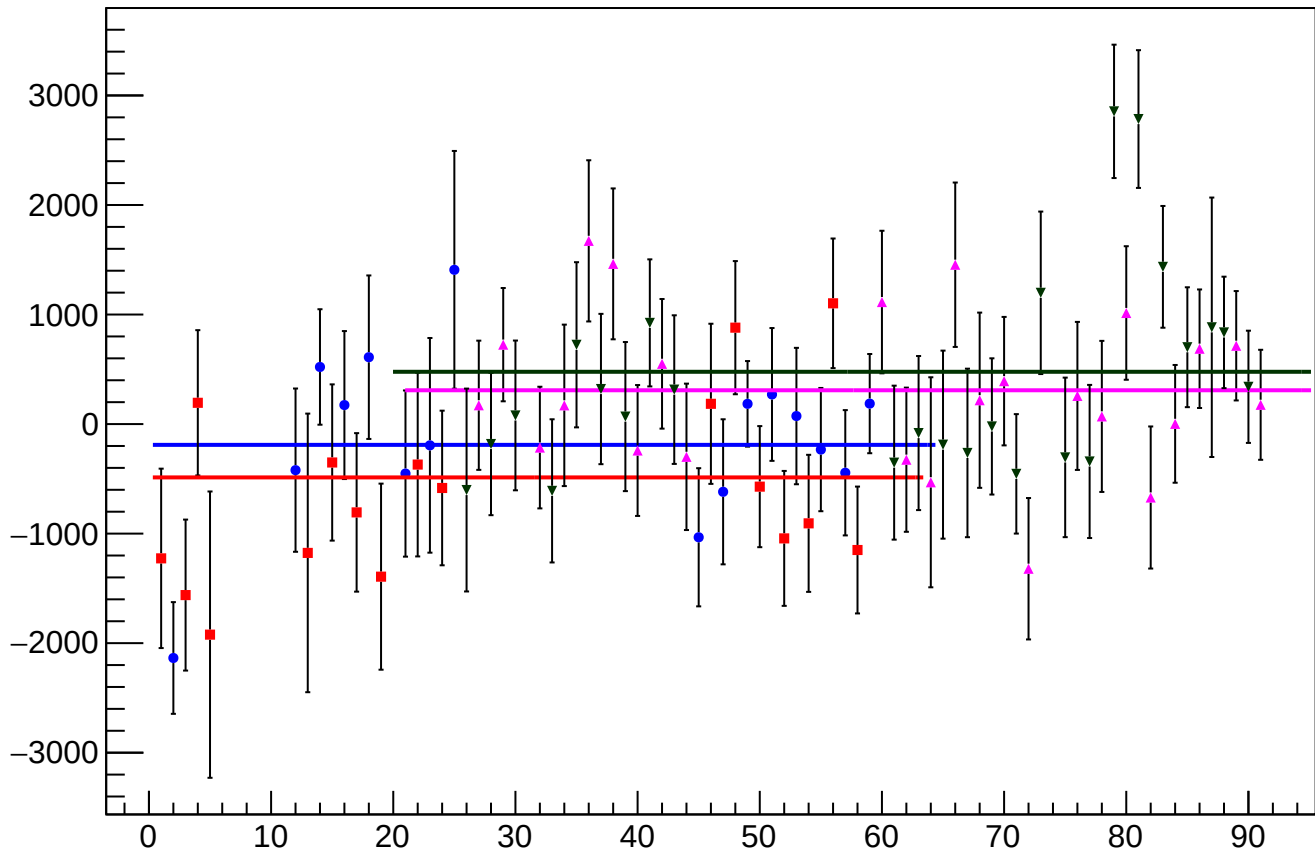
Left Out: 279.208 ± 0.057 $\chi^2/\text{NDF}: 432939.0/24$

Right Out: 281.634 ± 0.073 $\chi^2/\text{NDF}: 656375.7/16$

Left In: 269.135 ± 0.053 $\chi^2/\text{NDF}: 433961.0/23$

275.224 ± 0.030 $\chi^2/\text{NDF}: 2282867.3/81$

asym_us_dd_mean vs slug



Right In: -189.797 ± 149.735 χ^2/NDF : 25.0/15

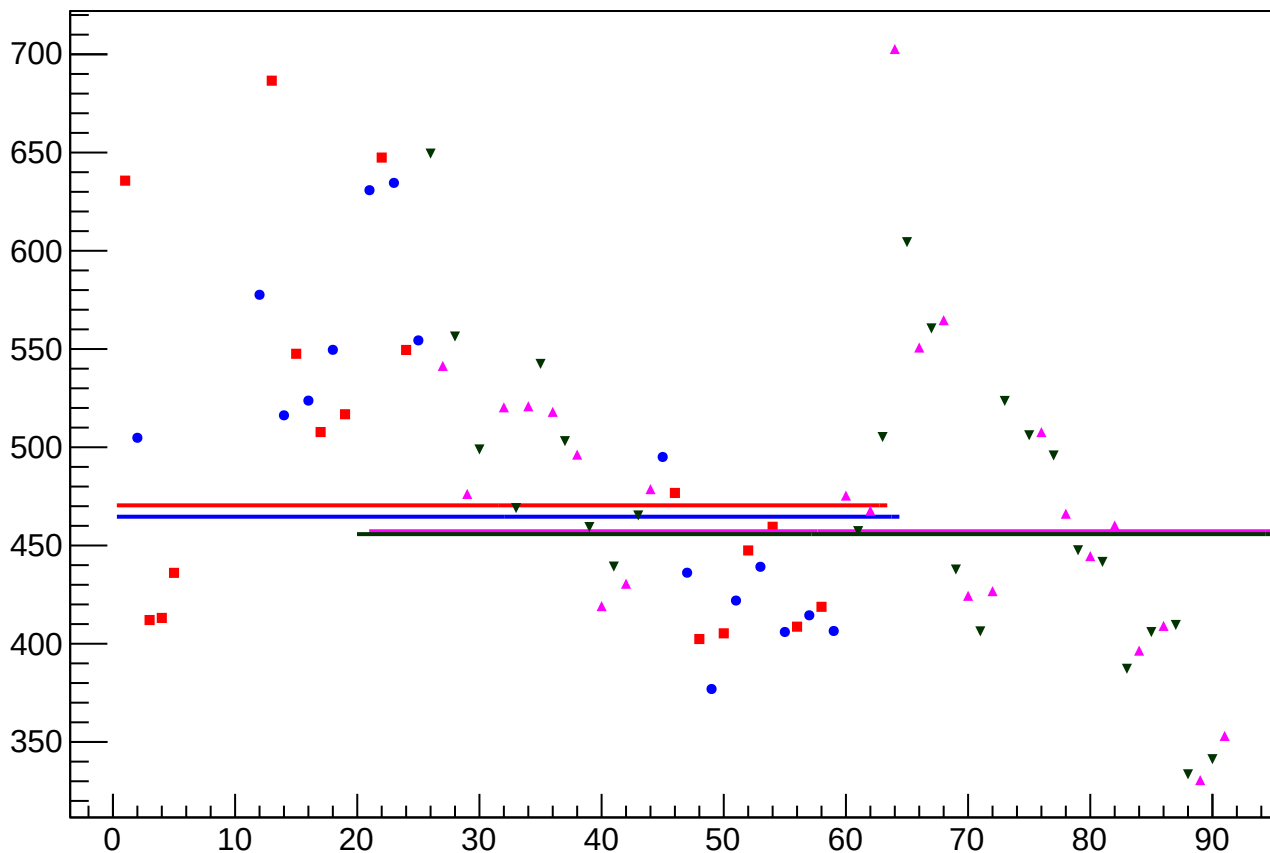
Left Out: 477.353 ± 131.092 χ^2/NDF : 49.8/24

108.345 ± 70.779 χ^2/NDF : 151.3/81

Right Out: -486.921 ± 169.886 χ^2/NDF : 22.9/16

Left In: 308.601 ± 126.825 χ^2/NDF : 27.0/23

asym_us_dd_rms vs slug



Right In: 464.654 $\pm$ 0.106 χ^2 /NDF: 481064.6/15

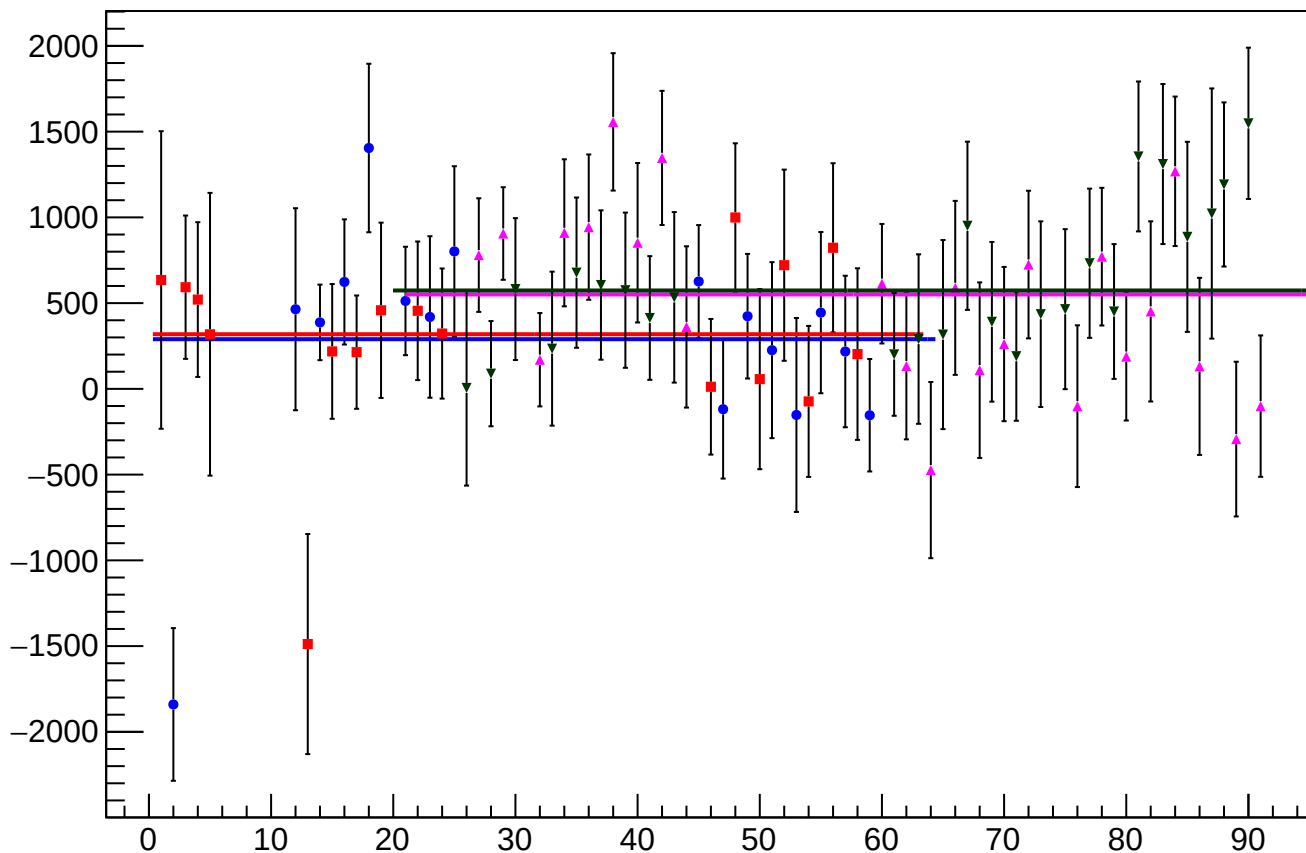
Left Out: 455.785 $\pm$ 0.093 χ^2 /NDF: 606960.7/24

Right Out: 470.435 $\pm$ 0.120 χ^2 /NDF: 412842.1/16

Left In: 457.250 $\pm$ 0.090 χ^2 /NDF: 598056.9/23

460.766 $\pm$ 0.050 χ^2 /NDF: 2111175.6/81

asym_ds_avg_mean vs slug



Right In: 289.652 ± 96.428 χ^2/NDF : 35.6/15

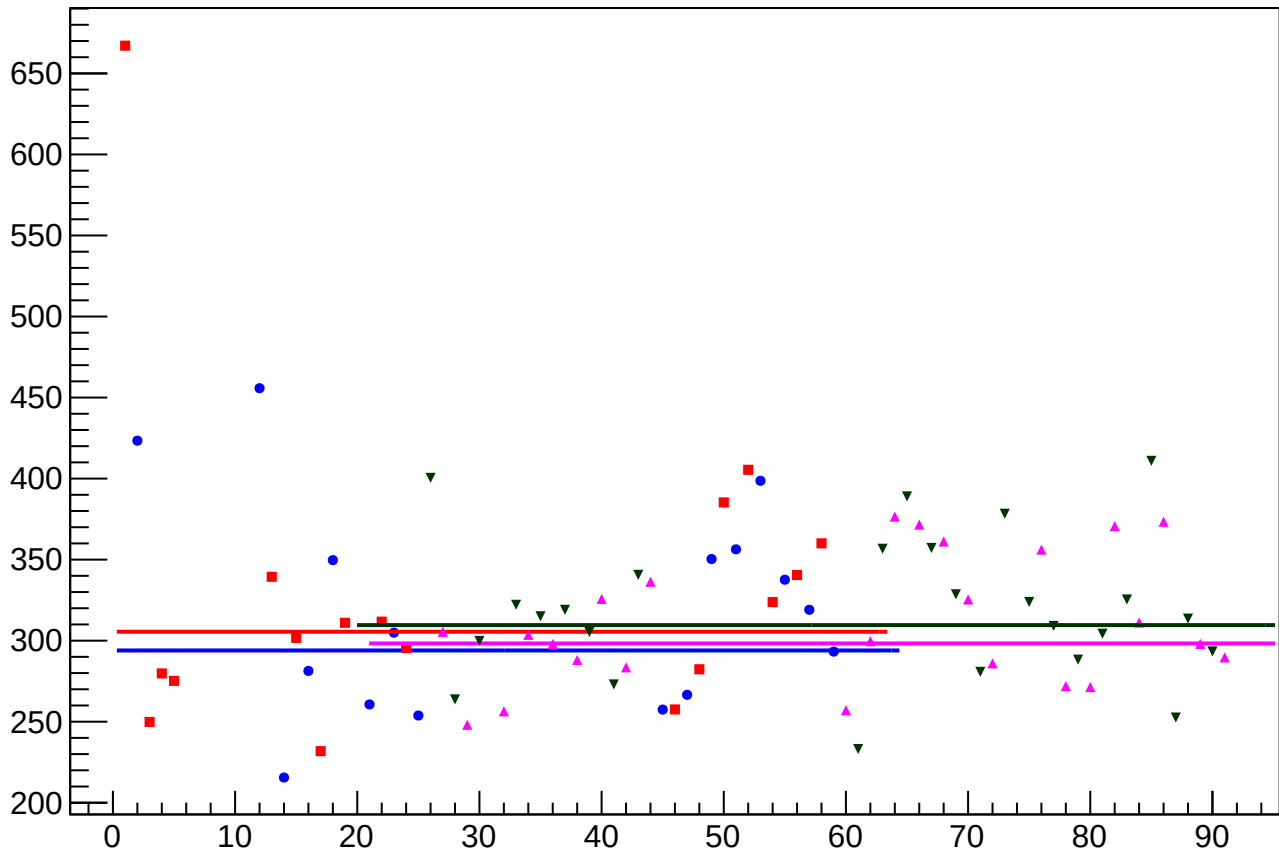
Left Out: 573.757 ± 88.784 χ^2/NDF : 21.0/24

Right Out: 318.632 ± 111.630 χ^2/NDF : 14.8/16

Left In: 550.642 ± 82.725 χ^2/NDF : 35.6/23

455.685 ± 46.586 χ^2/NDF : 114.6/81

asym_ds_avg_rms vs slug



Right In: 293.953+/-0.068 χ^2/NDF : 841546.9/15

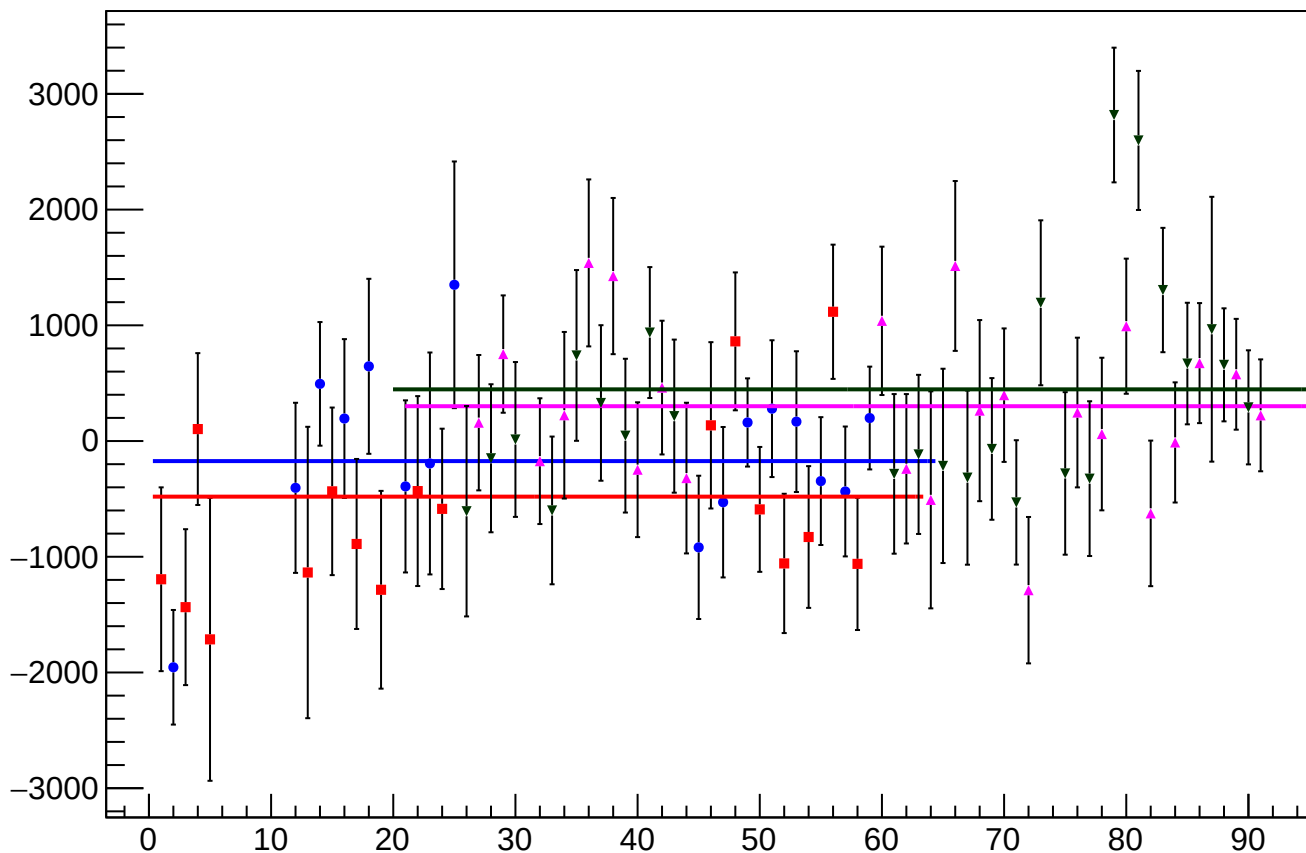
Left Out: 309.592+/-0.063 χ^2/NDF : 437428.9/24

301.642+/-0.033 χ^2/NDF : 2425007.7/81

Right Out: 305.502+/-0.079 χ^2/NDF : 682306.3/16

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

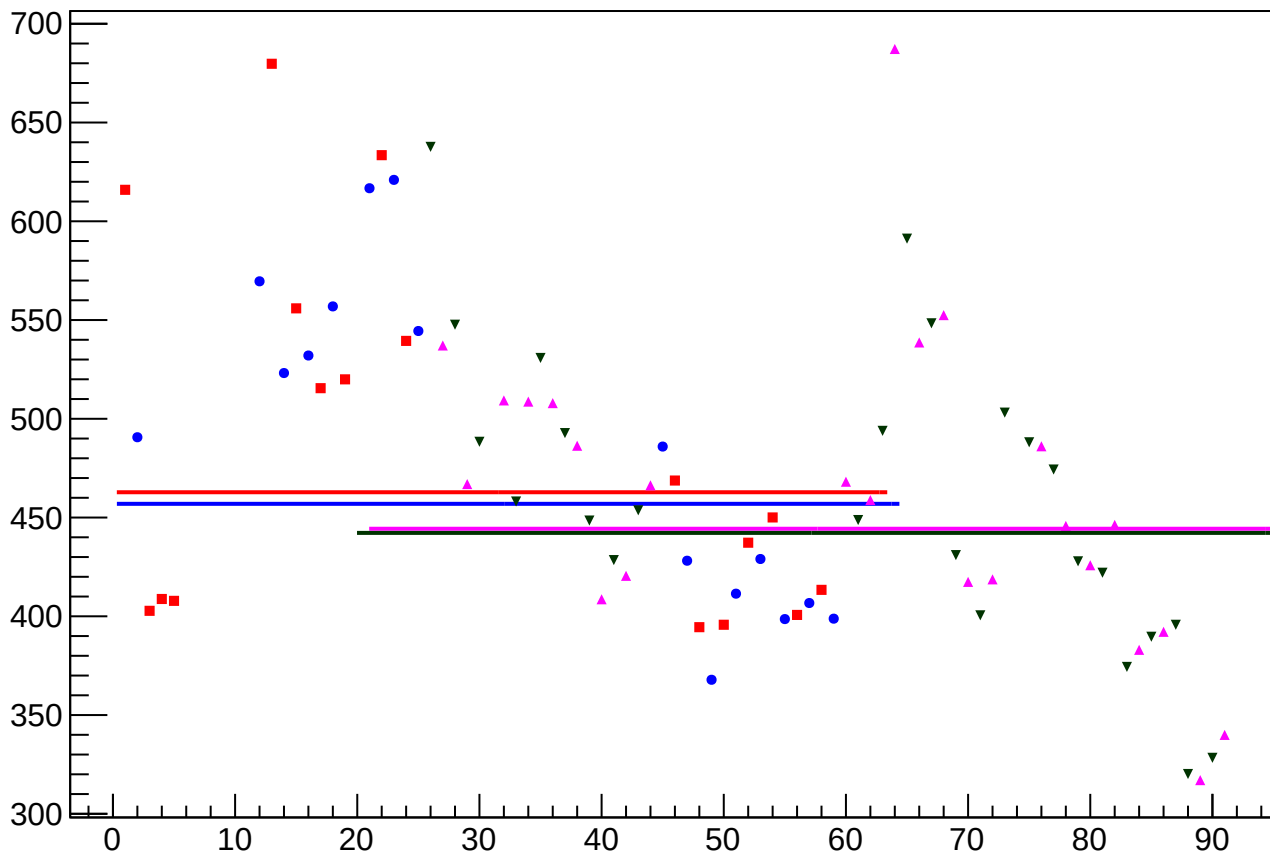
Left Out: 446.683 ± 127.290 χ^2/NDF : 50.3/24

Right Out: -480.466 ± 167.234 χ^2/NDF : 21.8/16

Left In: 300.966 ± 123.345 χ^2/NDF : 26.0/23

106.075 ± 69.133 χ^2/NDF : 146.4/81

asym_ds_dd_rms vs slug



Right In: 456.944+/-0.104 χ^2/NDF : 516432.3/15

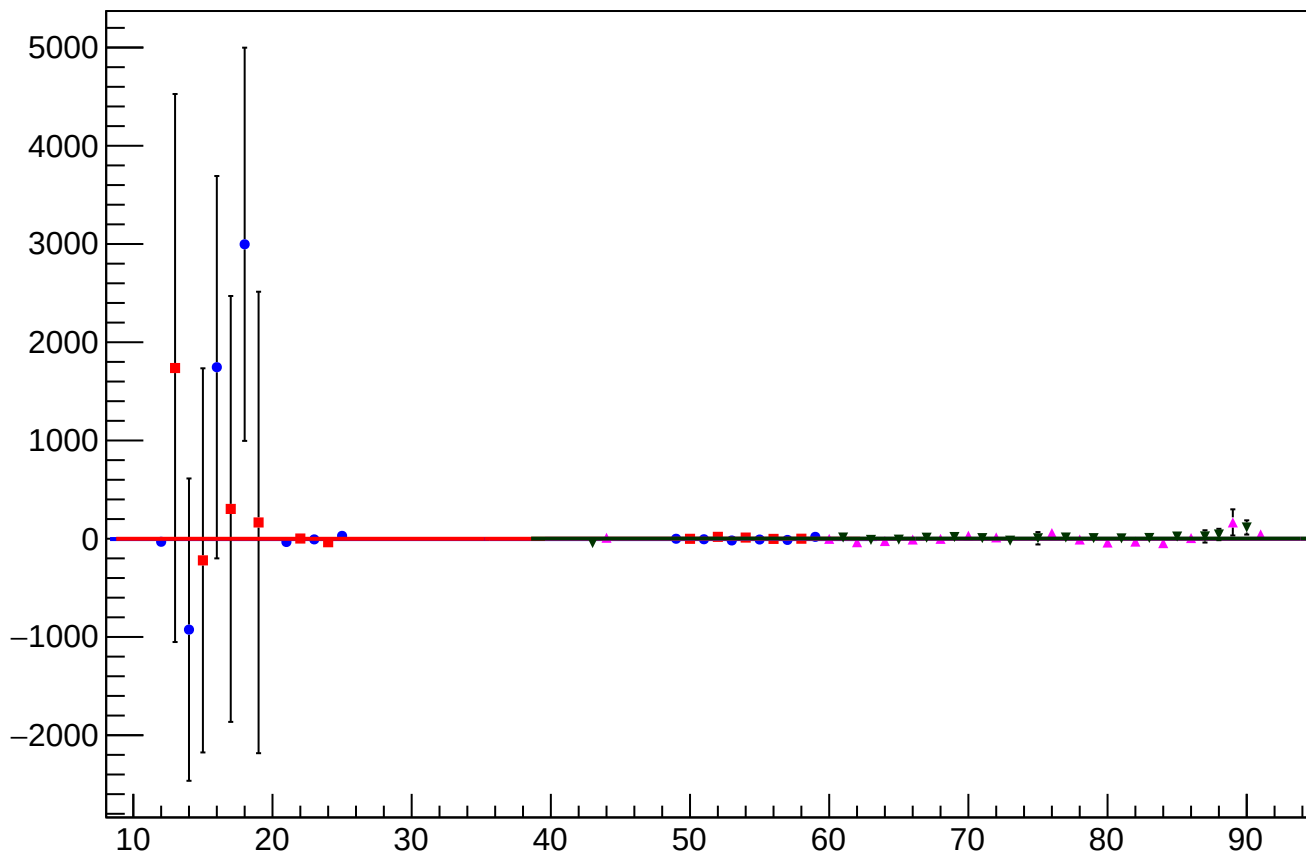
Left Out: 442.227+/-0.090 χ^2/NDF : 644695.5/24

449.642+/-0.049 χ^2/NDF : 2264407.0/81

Right Out: 462.808+/-0.118 χ^2/NDF : 430219.9/16

Left In: 444.329+/-0.087 χ^2/NDF : 645257.2/23

bcm_an_us_ds_dd_mean vs slug



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

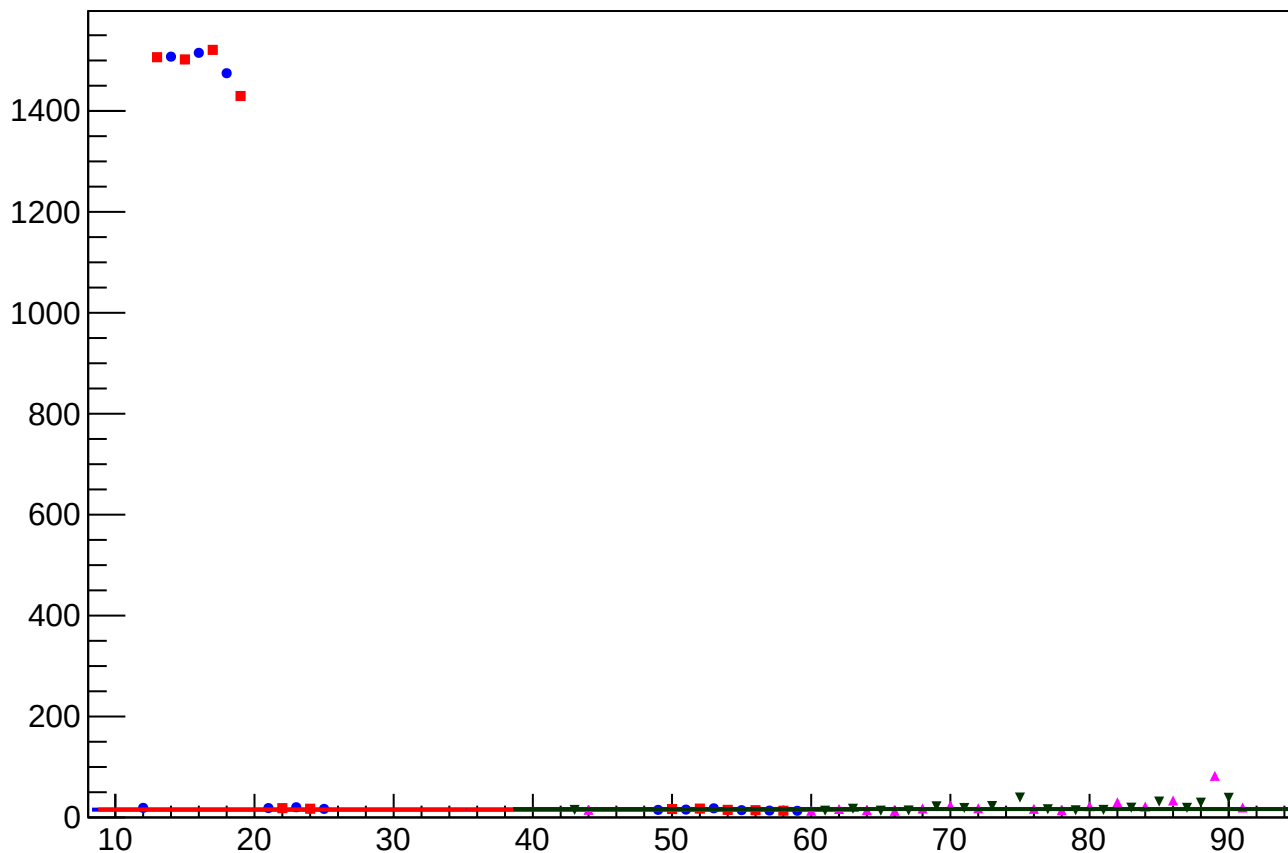
Left Out: 1.399 ± 6.505 χ^2/NDF : 9.6/16

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

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

-1.138 ± 3.453 χ^2/NDF : 40.5/56

bcm_an_us_ds_dd_rms vs slug



Right In: 15.520 $\pm$ 0.005 χ^2 /NDF: 4337775.3/12

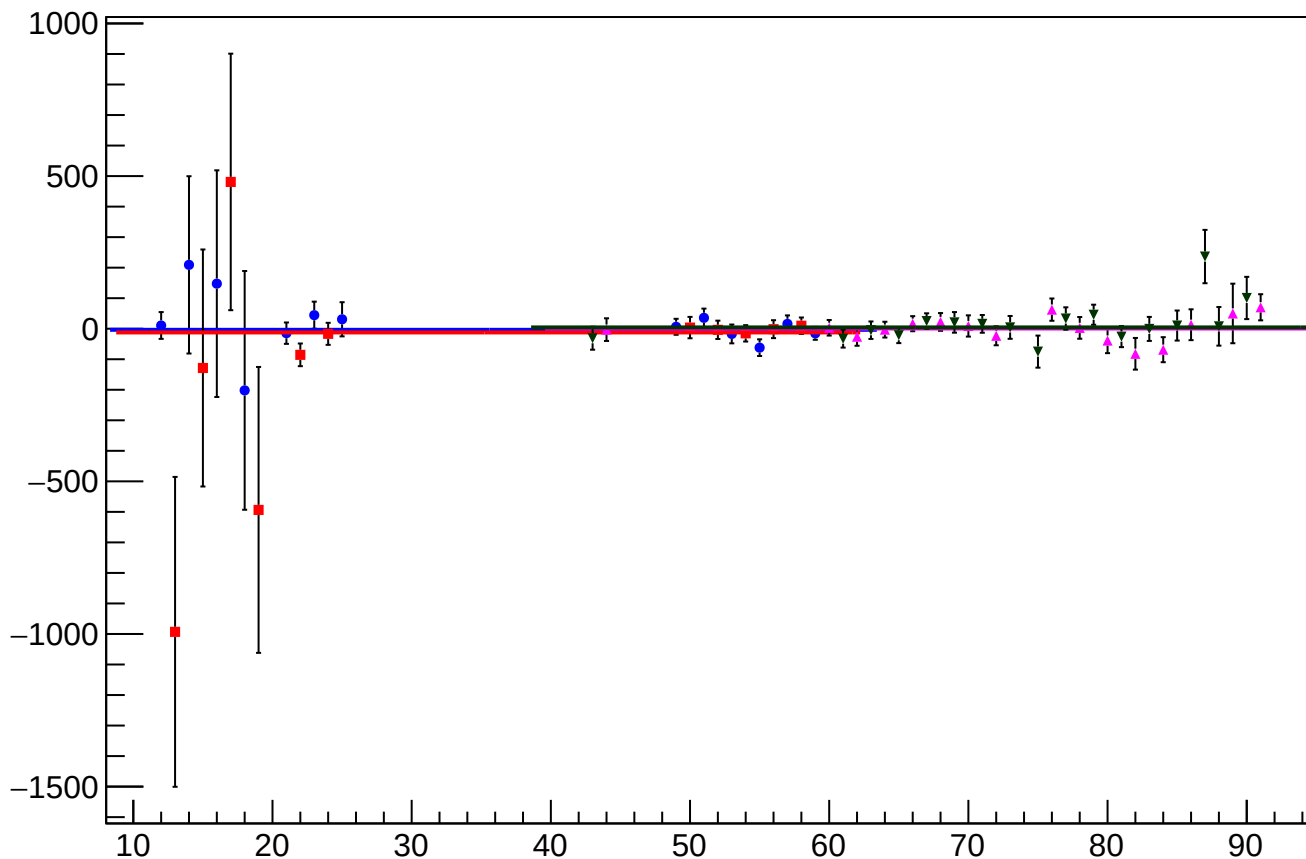
Left Out: 16.562 $\pm$ 0.005 χ^2 /NDF: 1082181.0/16

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

16.234 $\pm$ 0.002 χ^2 /NDF: 10241574.1/56

bcm_dg_us_ds_dd_mean vs slug



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

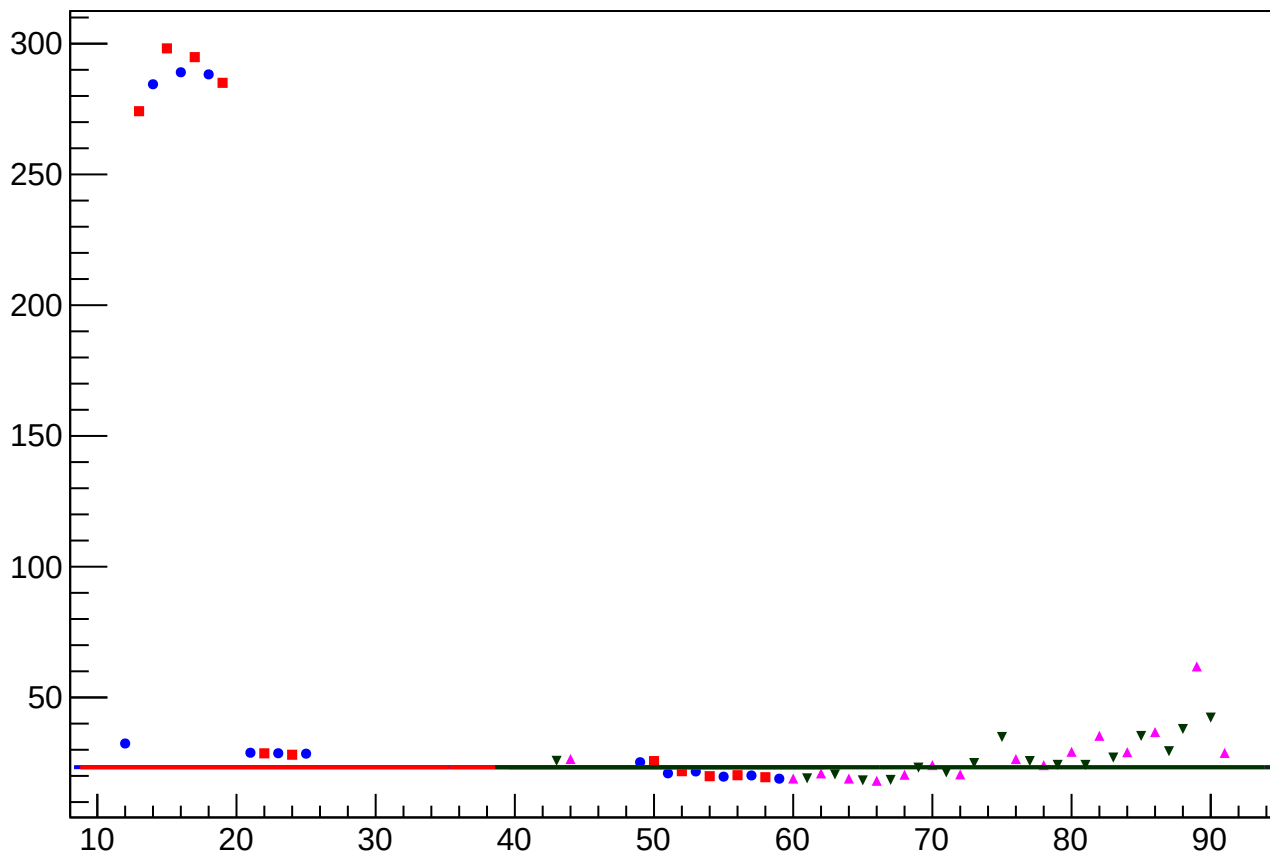
Left Out: 4.268 ± 8.624 $\chi^2/\text{NDF}: 18.9/16$

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

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

-1.371 ± 4.704 $\chi^2/\text{NDF}: 56.8/56$

bcm_dg_us_ds_dd_rms vs slug



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

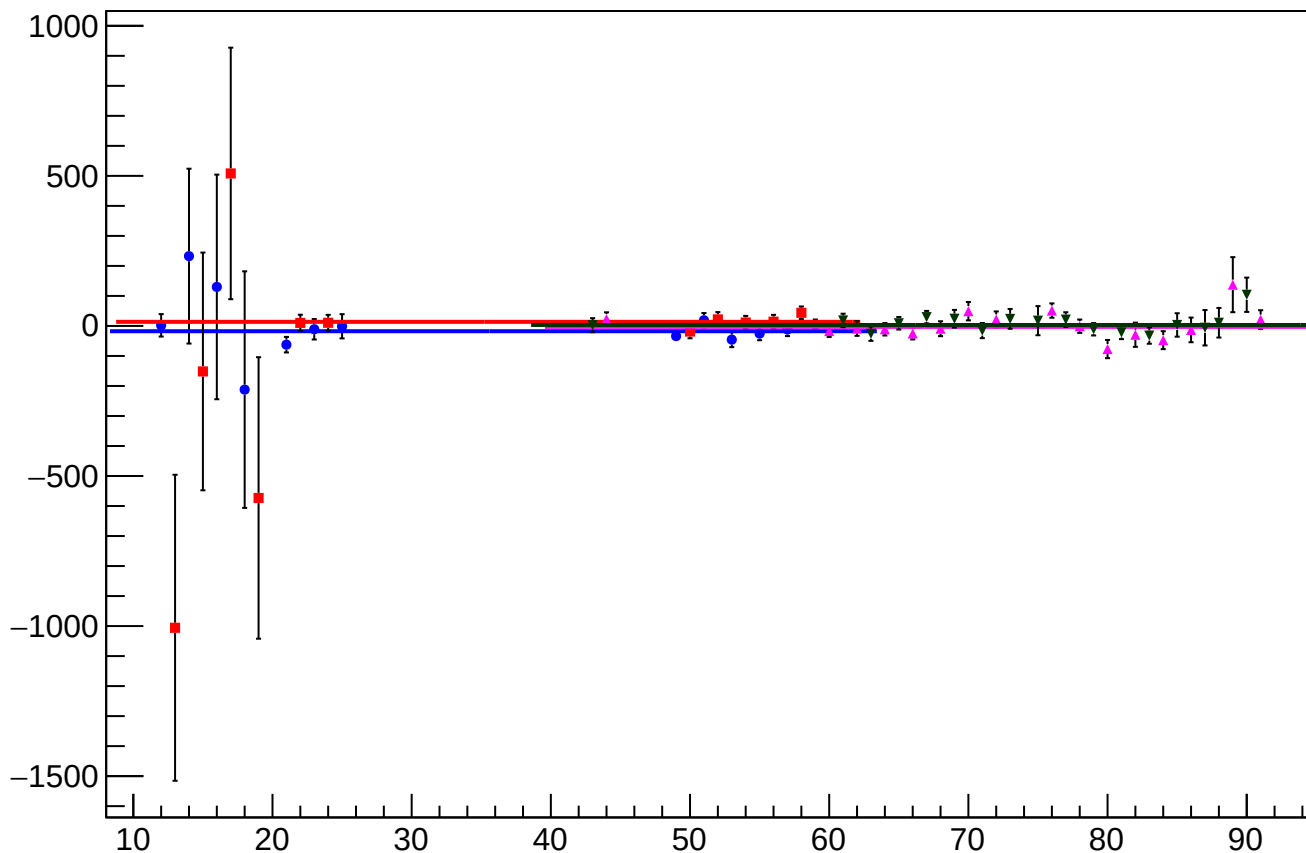
Left Out: 23.337+/-0.006 χ^2/NDF : 741899.7/16

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

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

23.307+/-0.003 χ^2/NDF : 8748135.5/56

bcm_dg_ds_ds_dd_mean vs slug



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

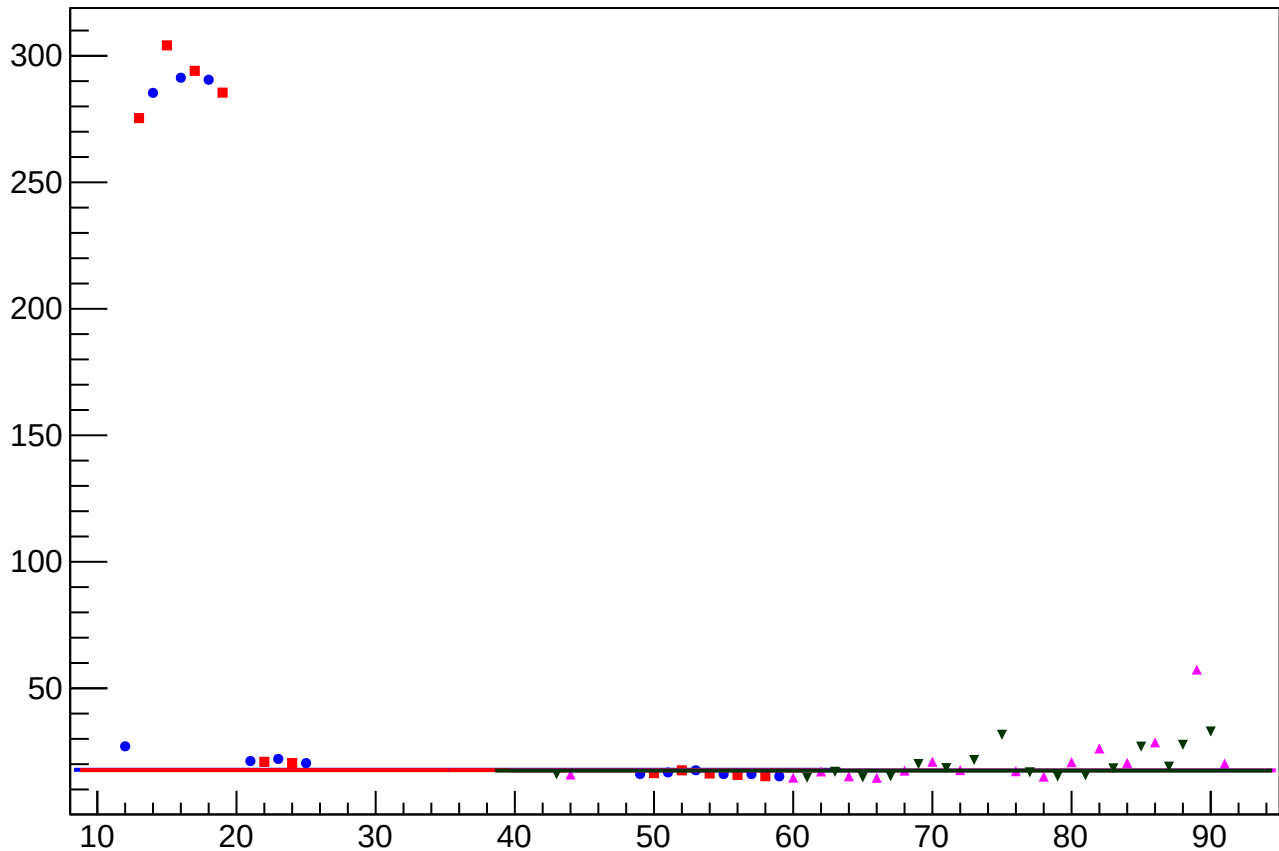
Left Out: 3.209 ± 6.556 χ^2/NDF : 12.2/16

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

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

-1.819 ± 3.591 χ^2/NDF : 66.6/56

bcm_dg_ds_ds_dd_rms vs slug



Right In: 17.778 $\pm$ 0.005 χ^2 /NDF: 4007051.1/12

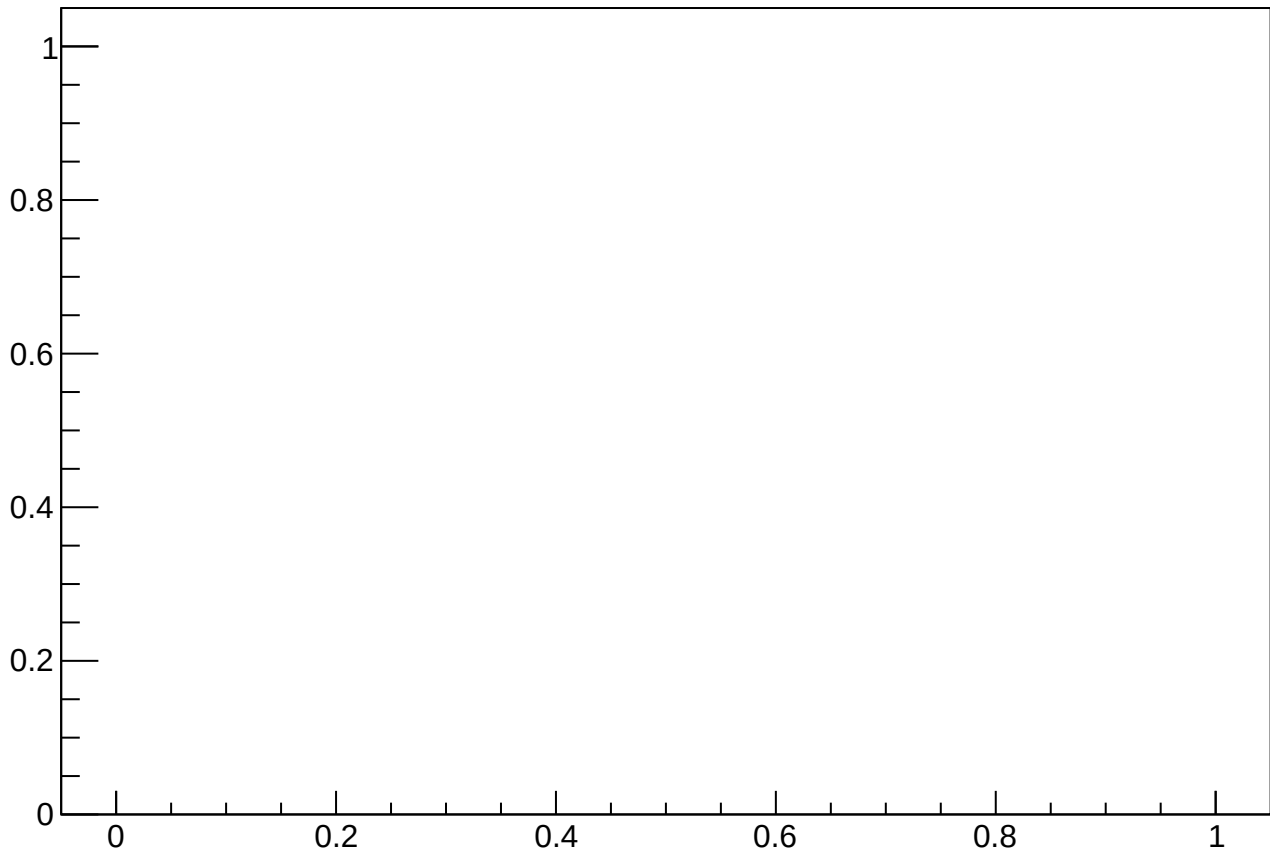
Left Out: 17.471 $\pm$ 0.005 χ^2 /NDF: 712116.8/16

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

17.598 $\pm$ 0.003 χ^2 /NDF: 8748870.8/56

bcm_dg_ds_ds3_dd_mean vs slug



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

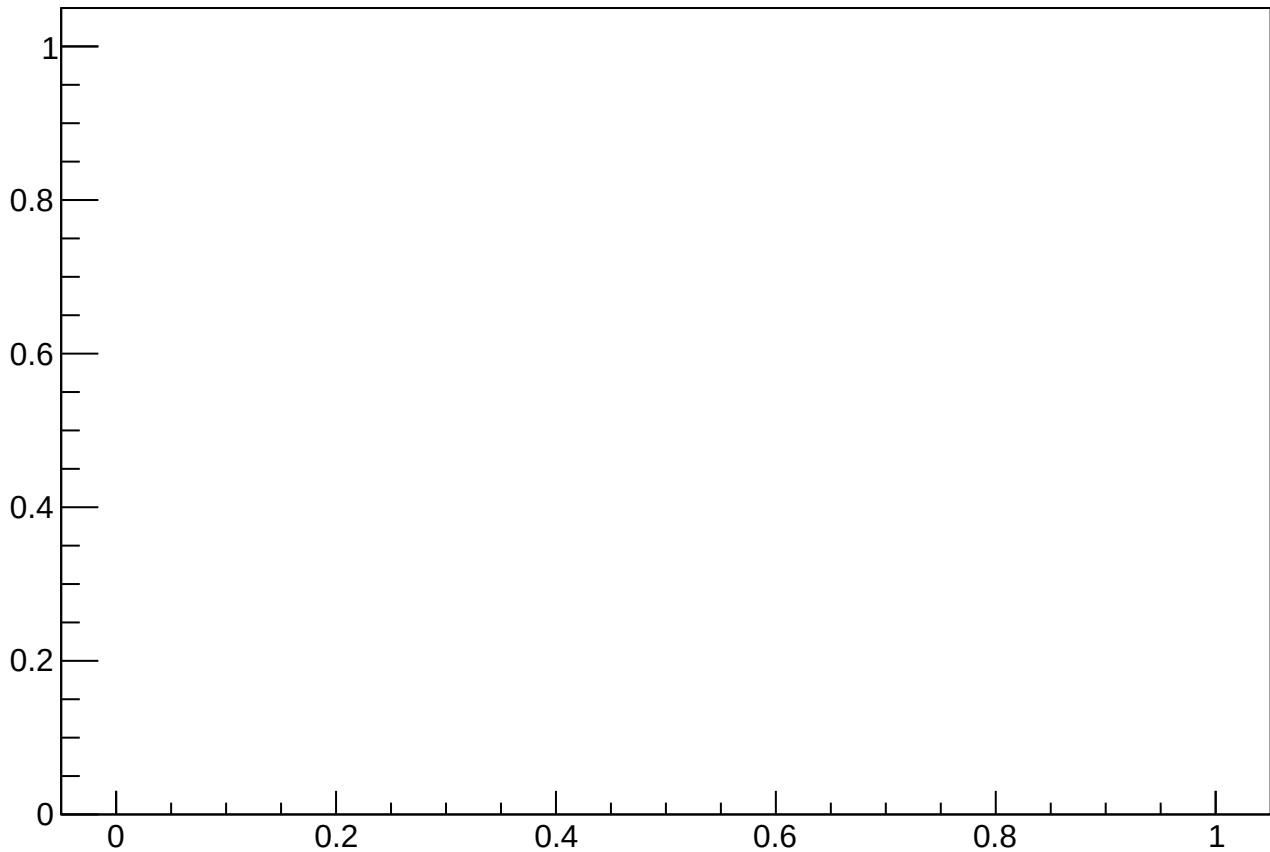
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

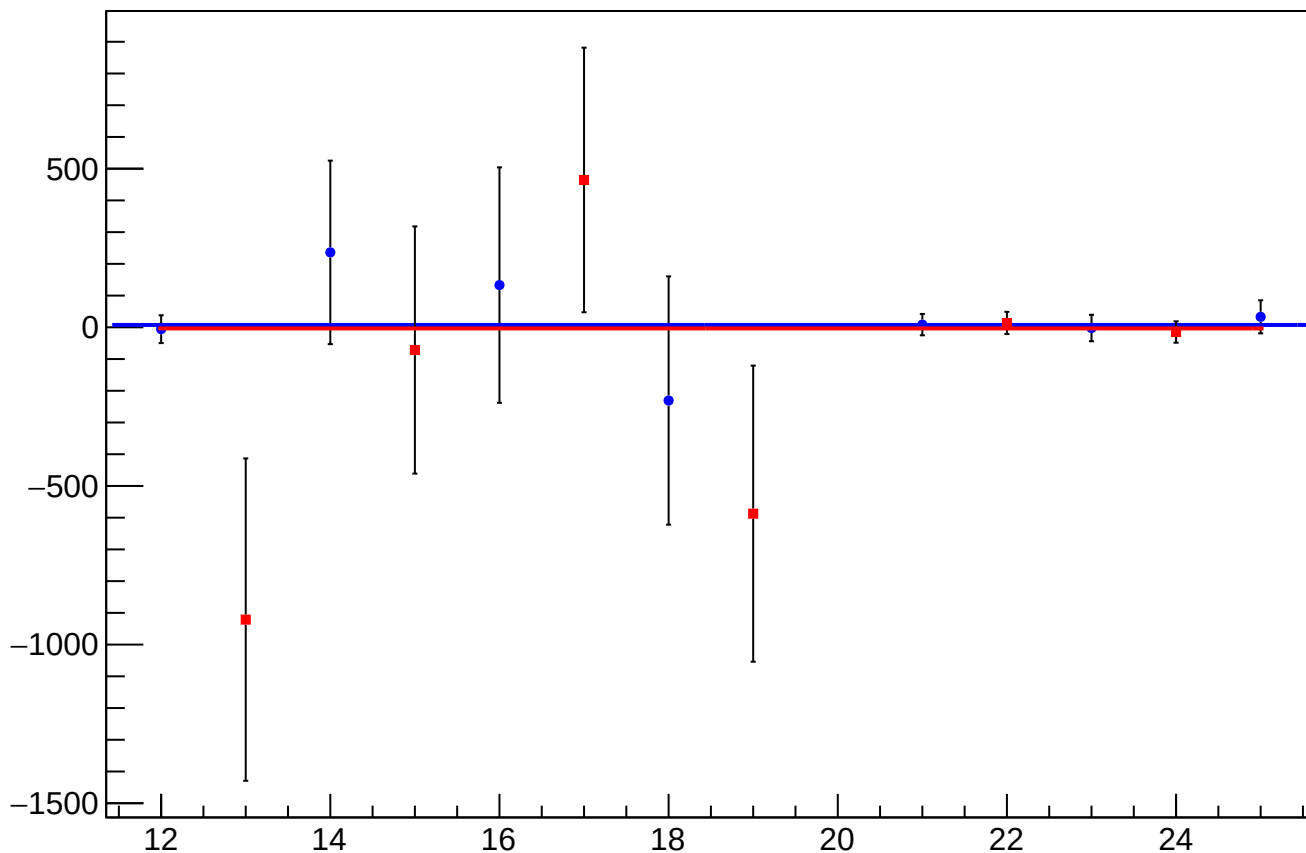
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



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

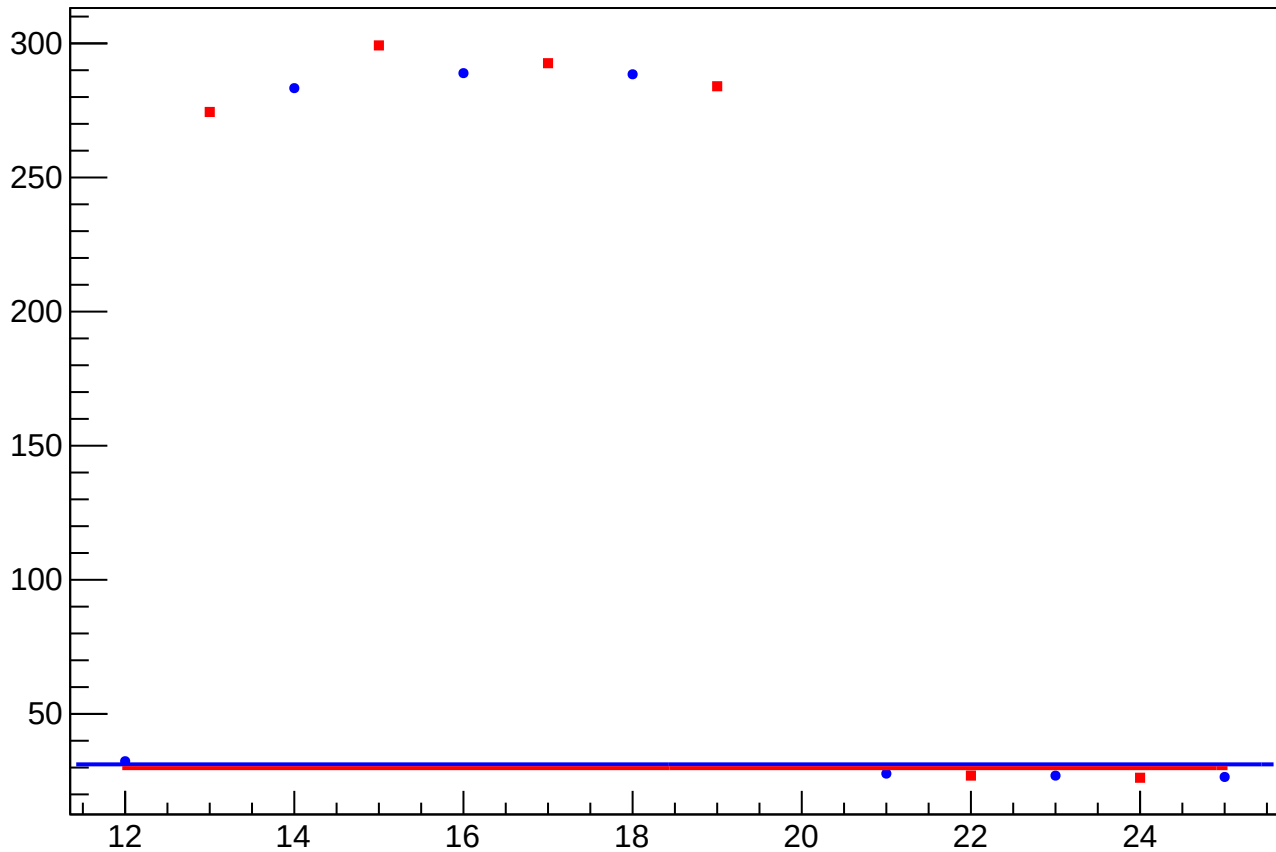
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd_rms vs slug



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

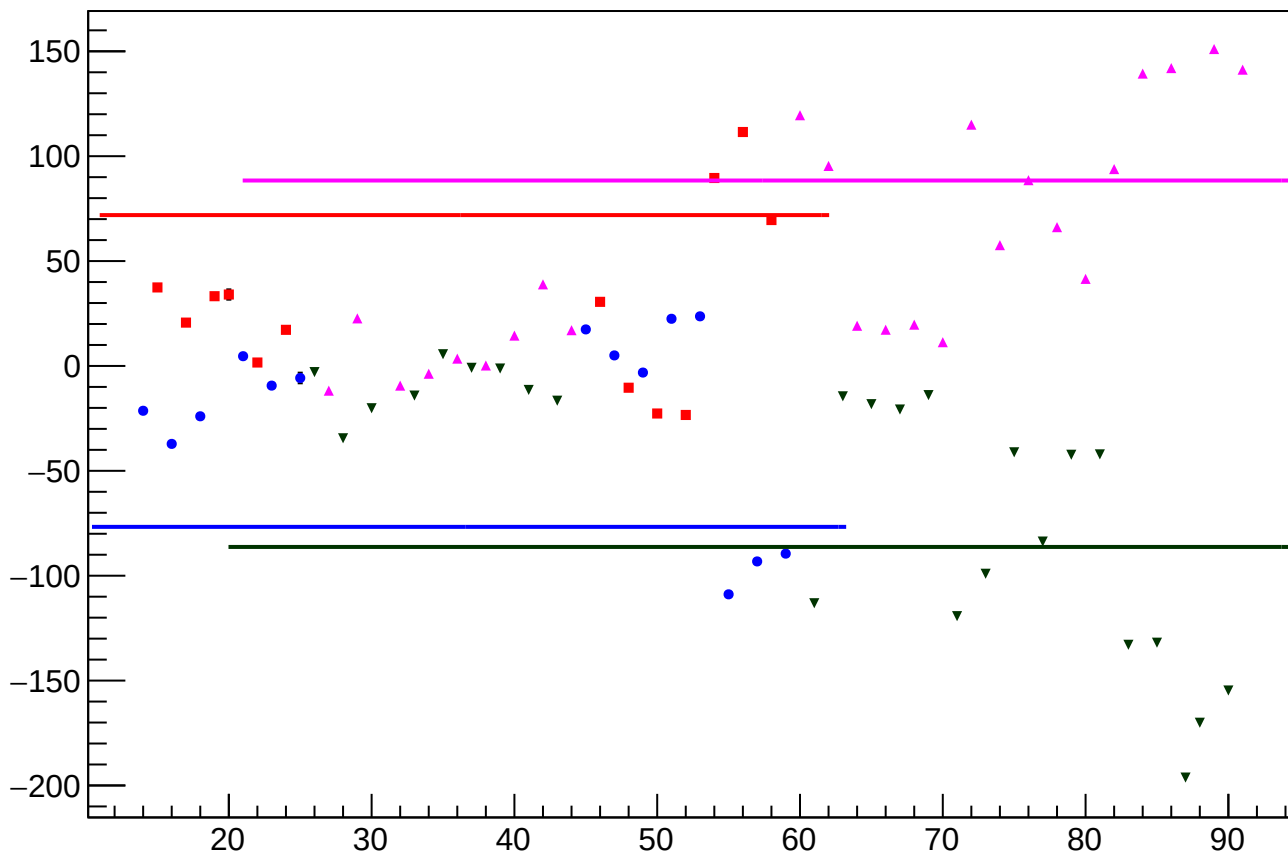
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.598+/-0.011 χ^2/NDF : 6256207.0/12

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

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -76.713 ± 0.256 $\chi^2/\text{NDF}: 24808.8/13$

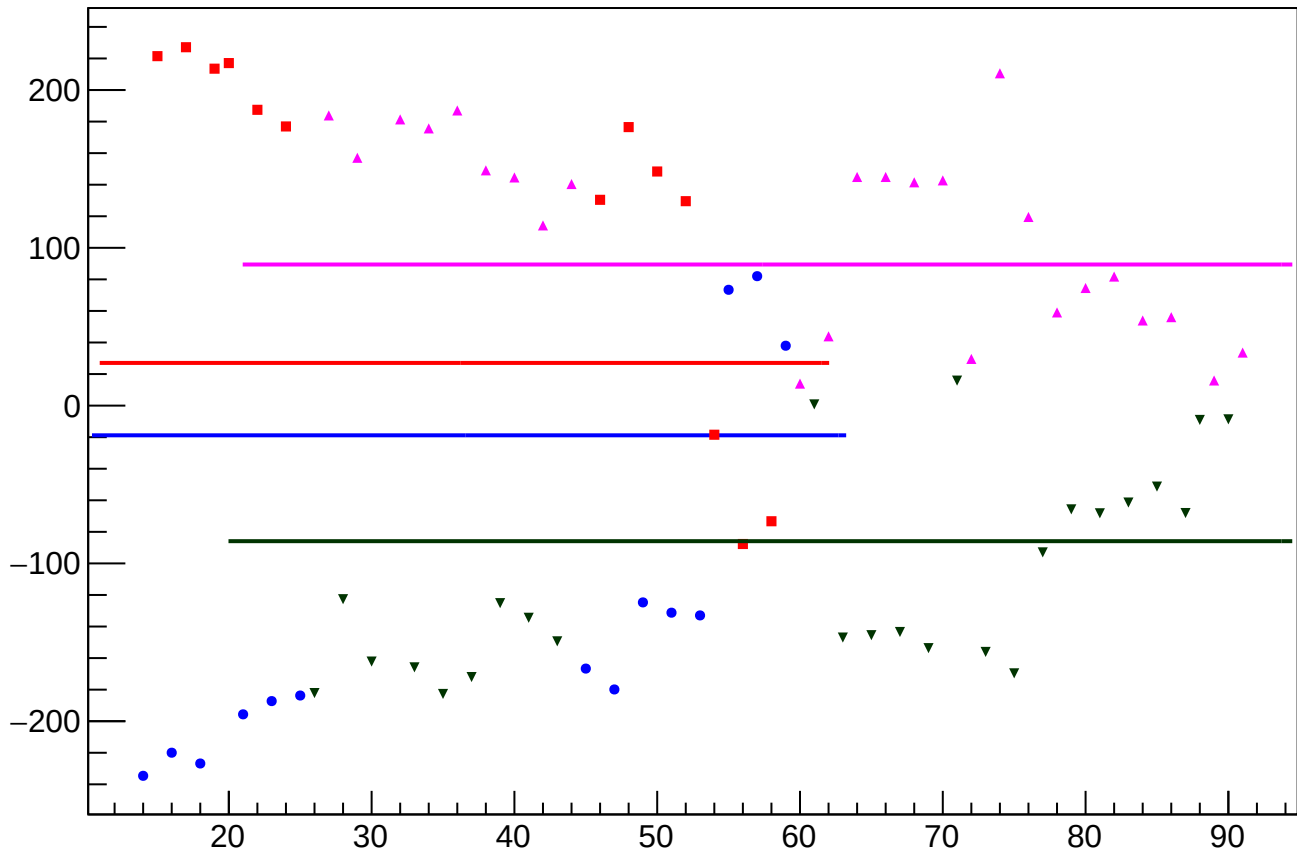
Left Out: -86.285 ± 0.164 $\chi^2/\text{NDF}: 98909.0/24$

Right Out: 71.917 ± 0.306 $\chi^2/\text{NDF}: 17788.9/12$

Left In: 88.404 ± 0.159 $\chi^2/\text{NDF}: 88826.7/24$

-0.865 ± 0.099 $\chi^2/\text{NDF}: 961037.9/76$

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -18.819 ± 0.250 $\chi^2/\text{NDF}: 217493.9/13$

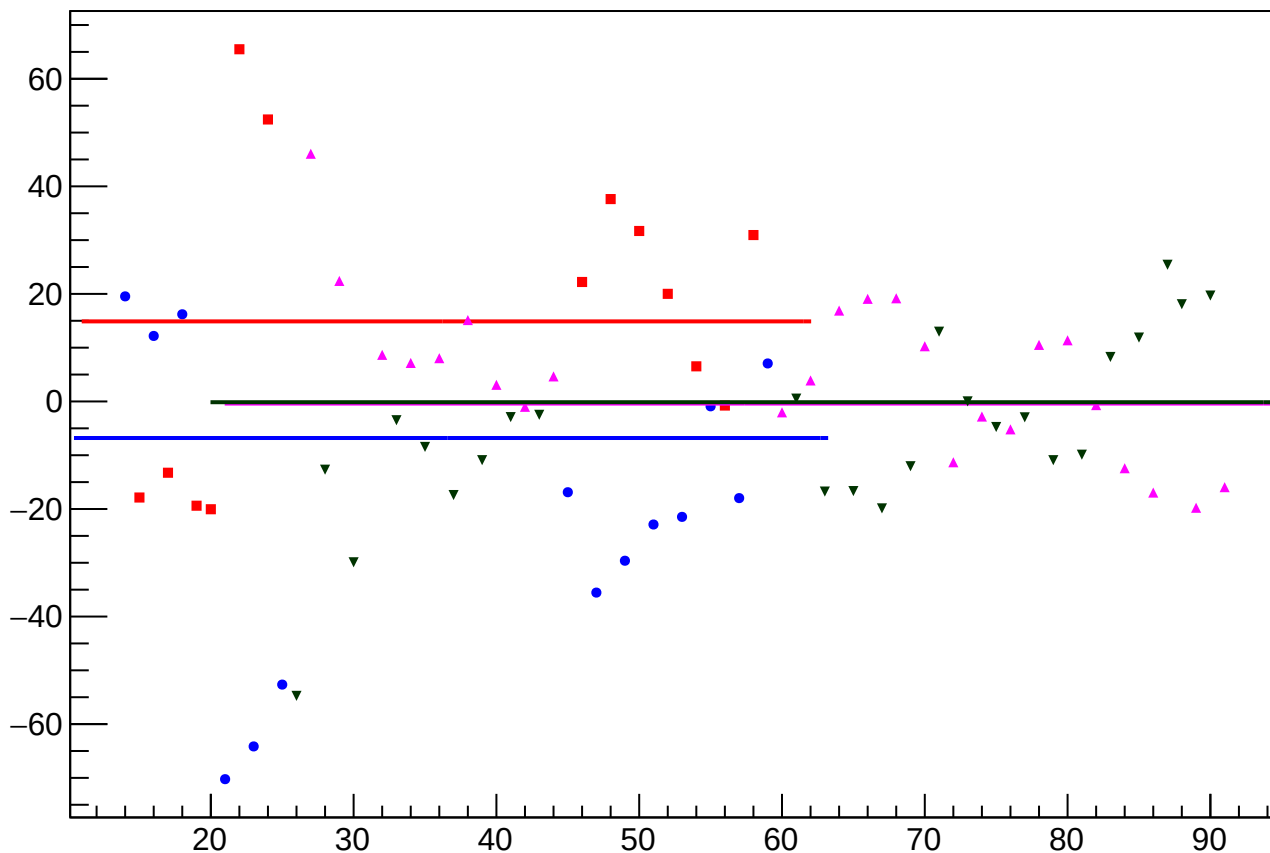
Left Out: -85.909 ± 0.186 $\chi^2/\text{NDF}: 100122.6/24$

5.614 ± 0.105 $\chi^2/\text{NDF}: 1074784.5/76$

Right Out: 27.056 ± 0.292 $\chi^2/\text{NDF}: 176739.6/12$

Left In: 89.426 ± 0.173 $\chi^2/\text{NDF}: 89952.3/24$

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -6.798+/-0.045 χ^2/NDF : 160597.3/13

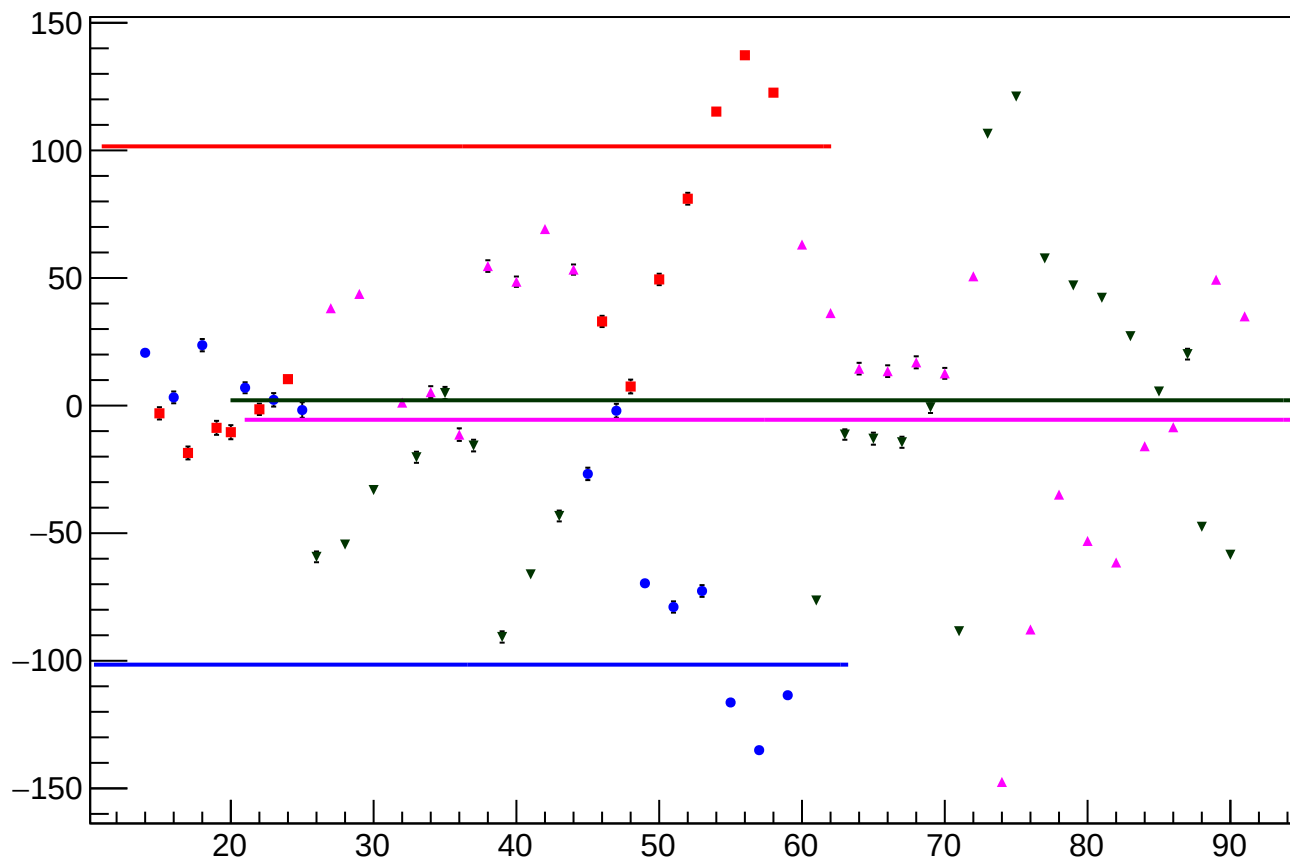
Left Out: -0.144+/-0.031 χ^2/NDF : 186827.6/24

Right Out: 14.888+/-0.053 χ^2/NDF : 130954.0/12

Left In: -0.401+/-0.029 χ^2/NDF : 186435.6/24

0.421+/-0.018 χ^2/NDF : 765504.0/76

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -101.512 ± 0.296 $\chi^2/\text{NDF}: 20402.2/13$

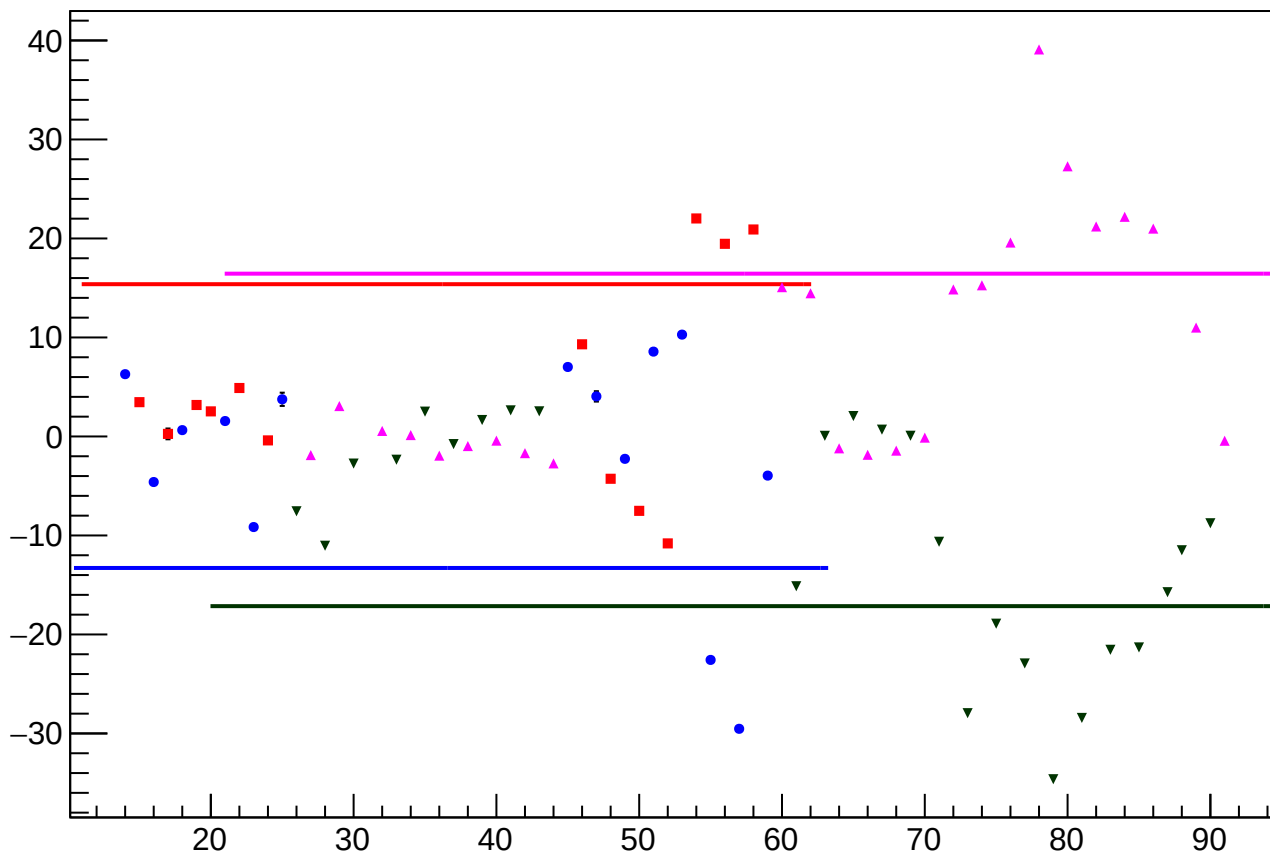
Left Out: 2.081 ± 0.229 $\chi^2/\text{NDF}: 70986.5/24$

Right Out: 101.583 ± 0.360 $\chi^2/\text{NDF}: 19061.1/12$

Left In: -5.557 ± 0.215 $\chi^2/\text{NDF}: 60399.9/24$

-7.604 ± 0.129 $\chi^2/\text{NDF}: 365151.1/76$

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -13.284+/-0.055 χ^2/NDF : 50385.7/13

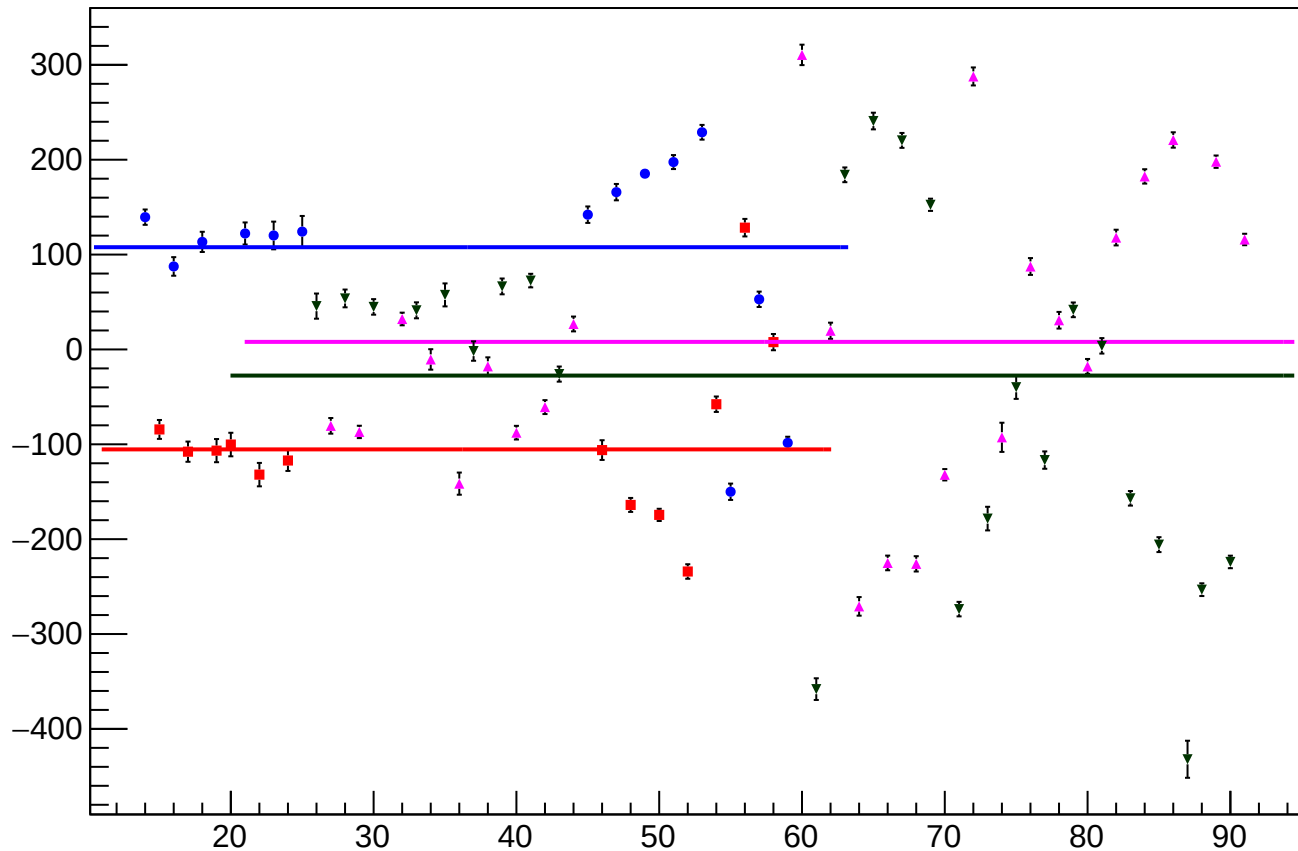
Left Out: -17.140+/-0.040 χ^2/NDF : 57133.6/24

Right Out: 15.381+/-0.066 χ^2/NDF : 20048.6/12

Left In: 16.444+/-0.039 χ^2/NDF : 65871.0/24

-0.411+/-0.023 χ^2/NDF : 672767.4/76

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 107.769 $\pm$ 2.159 χ^2 /NDF: 2743.7/13

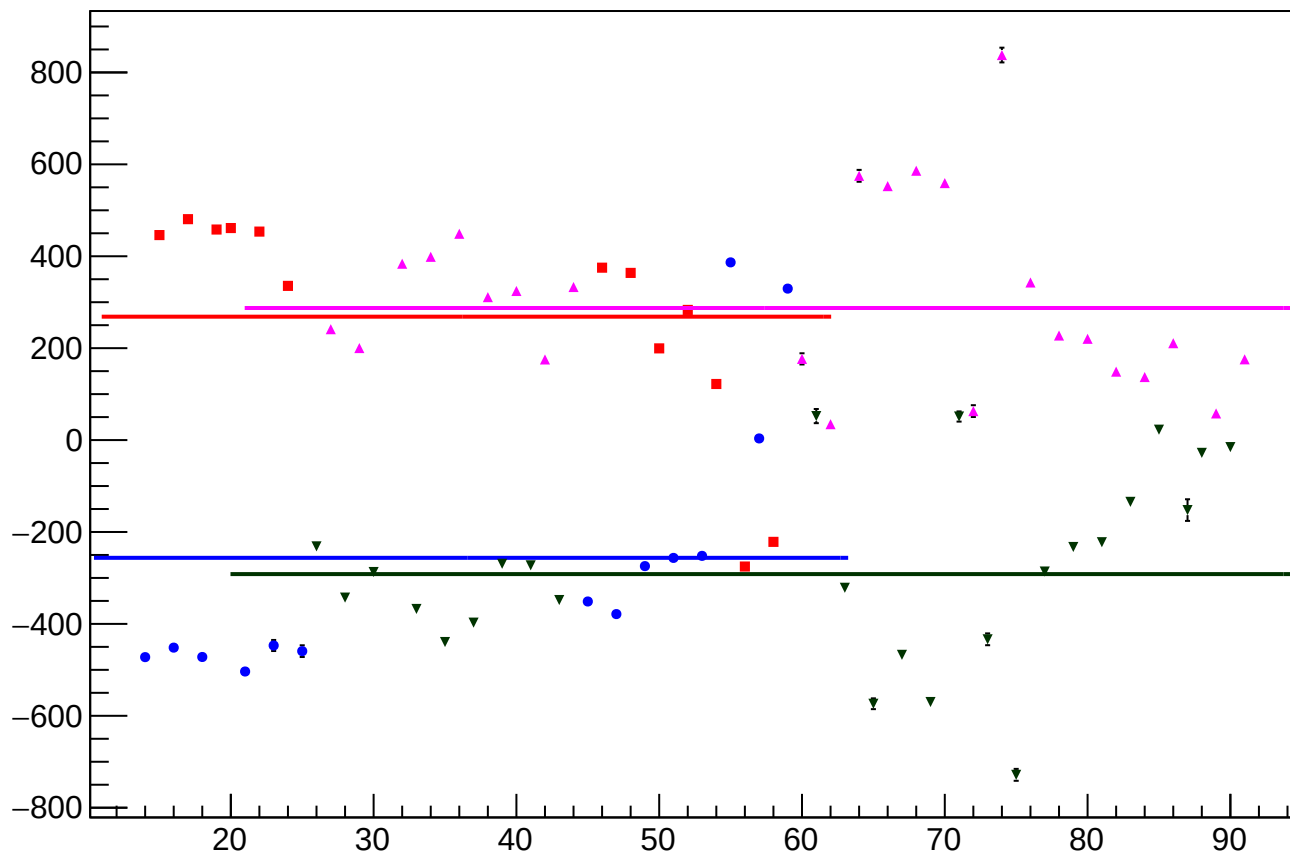
Left Out: -27.552 $\pm$ 1.705 χ^2 /NDF: 9519.0/24

0.275 $\pm$ 0.952 χ^2 /NDF: 26342.5/76

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

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -256.224+/-1.743 χ^2/NDF : 17720.0/13

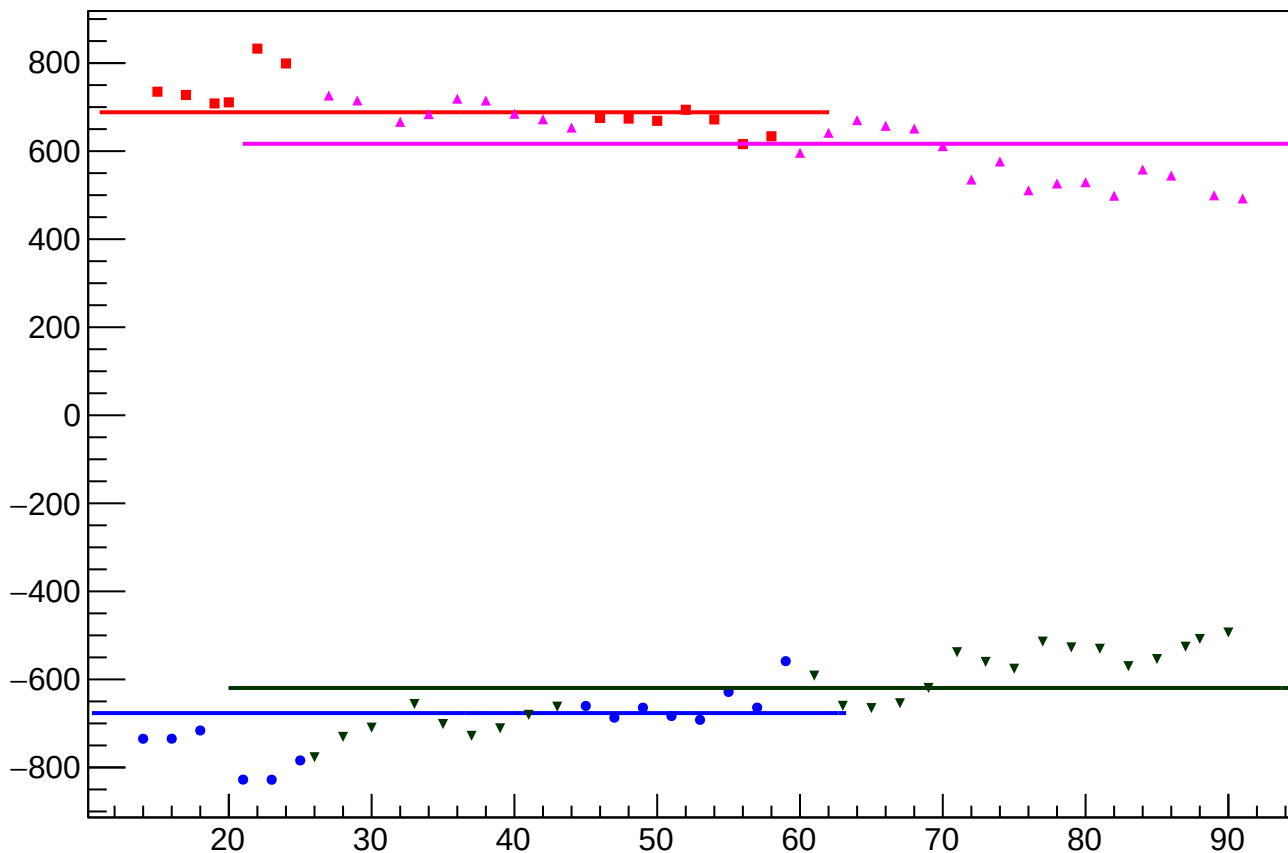
Left Out: -291.630+/-1.684 χ^2/NDF : 8852.4/24

Right Out: 268.536+/-1.978 χ^2/NDF : 9588.6/12

Left In: 287.416+/-1.524 χ^2/NDF : 8824.5/24

3.844+/-0.855 χ^2/NDF : 150573.3/76

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -676.523+/-0.395 χ^2/NDF : 24863.0/13

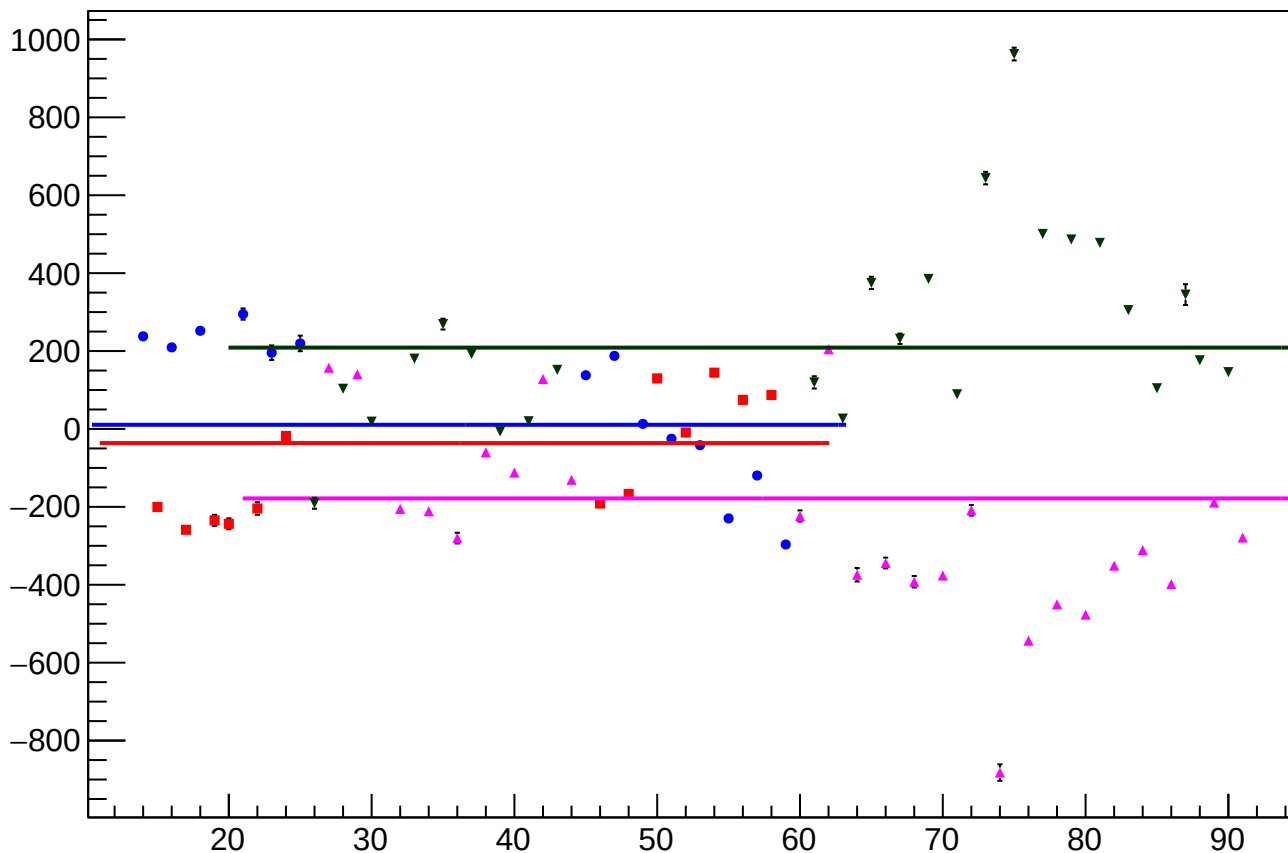
Left Out: -619.481+/-0.305 χ^2/NDF : 67734.7/24

Right Out: 688.309+/-0.452 χ^2/NDF : 12420.8/12

Left In: 616.677+/-0.287 χ^2/NDF : 74269.3/24

-3.521+/-0.171 χ^2/NDF : 14183526.3/76

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 10.723 ± 2.637 χ^2/NDF : 4764.1/13

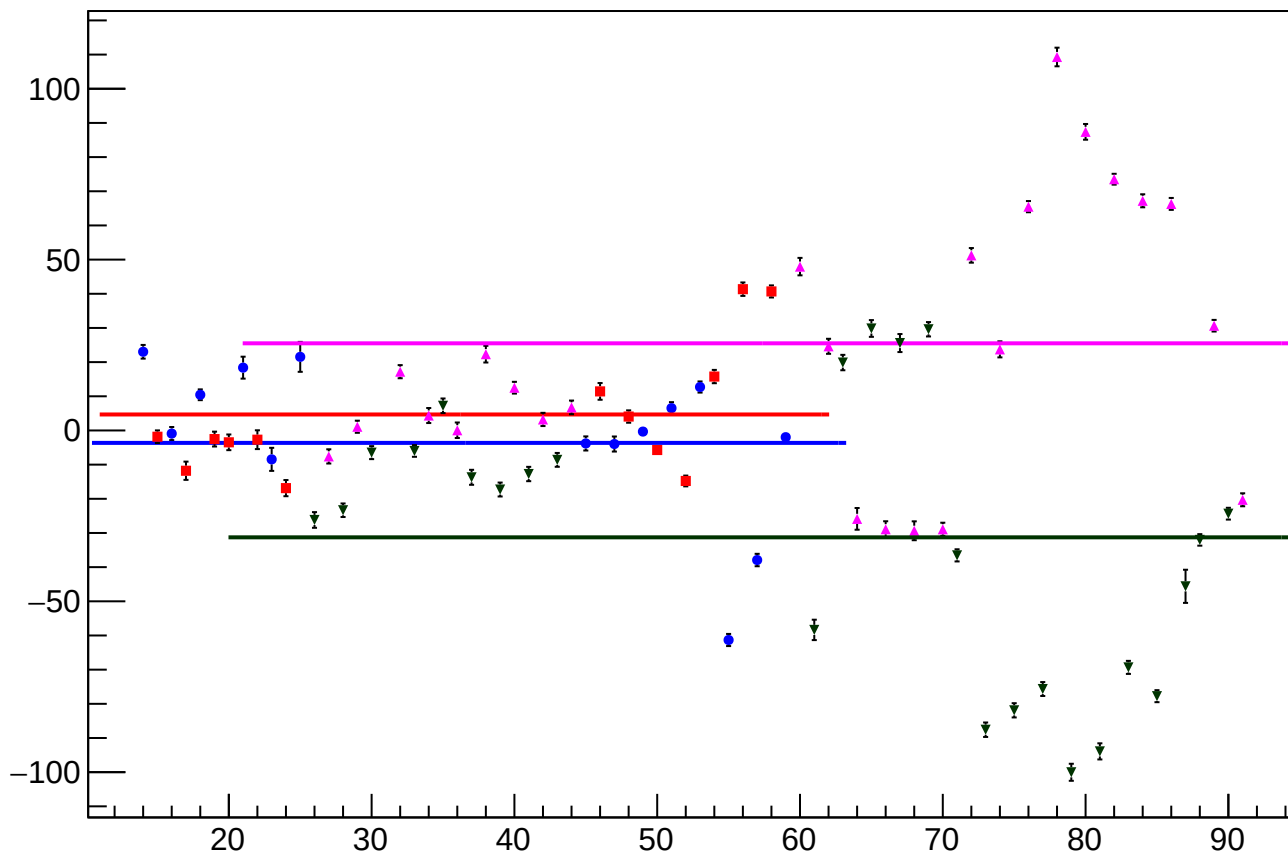
Left Out: 208.823 ± 2.378 χ^2/NDF : 7749.6/24

-4.111 ± 1.253 χ^2/NDF : 40912.0/76

Right Out: -36.204 ± 3.038 χ^2/NDF : 2463.2/12

Left In: -178.284 ± 2.190 χ^2/NDF : 11453.5/24

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -3.637 ± 0.493 χ^2/NDF : 1892.4/13

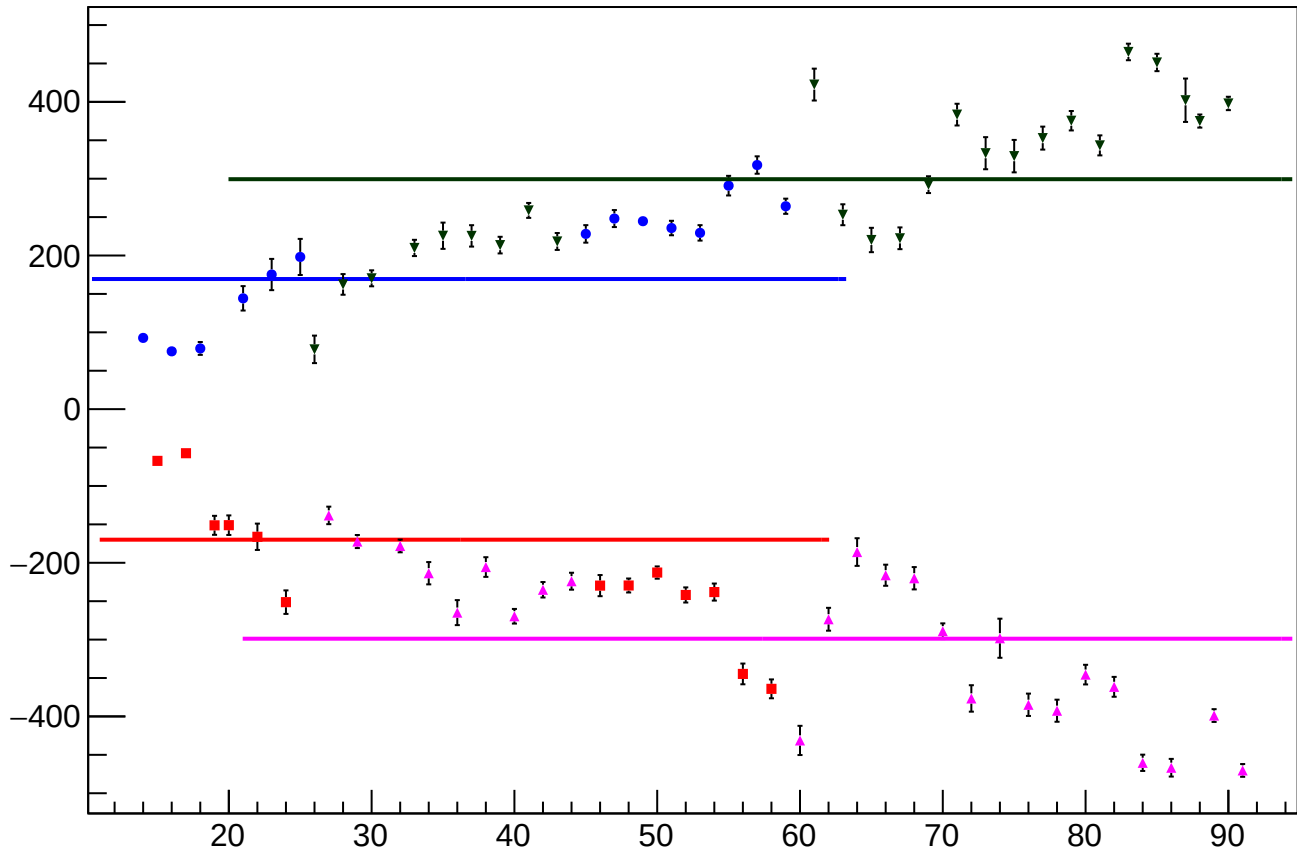
Left Out: -31.278 ± 0.418 χ^2/NDF : 7934.7/24

Right Out: 4.679 ± 0.548 χ^2/NDF : 1167.7/12

Left In: 25.503 ± 0.408 χ^2/NDF : 7972.0/24

-1.320 ± 0.228 χ^2/NDF : 28563.1/76

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 169.392 $\pm$ 2.253 χ^2/NDF : 1380.4/13

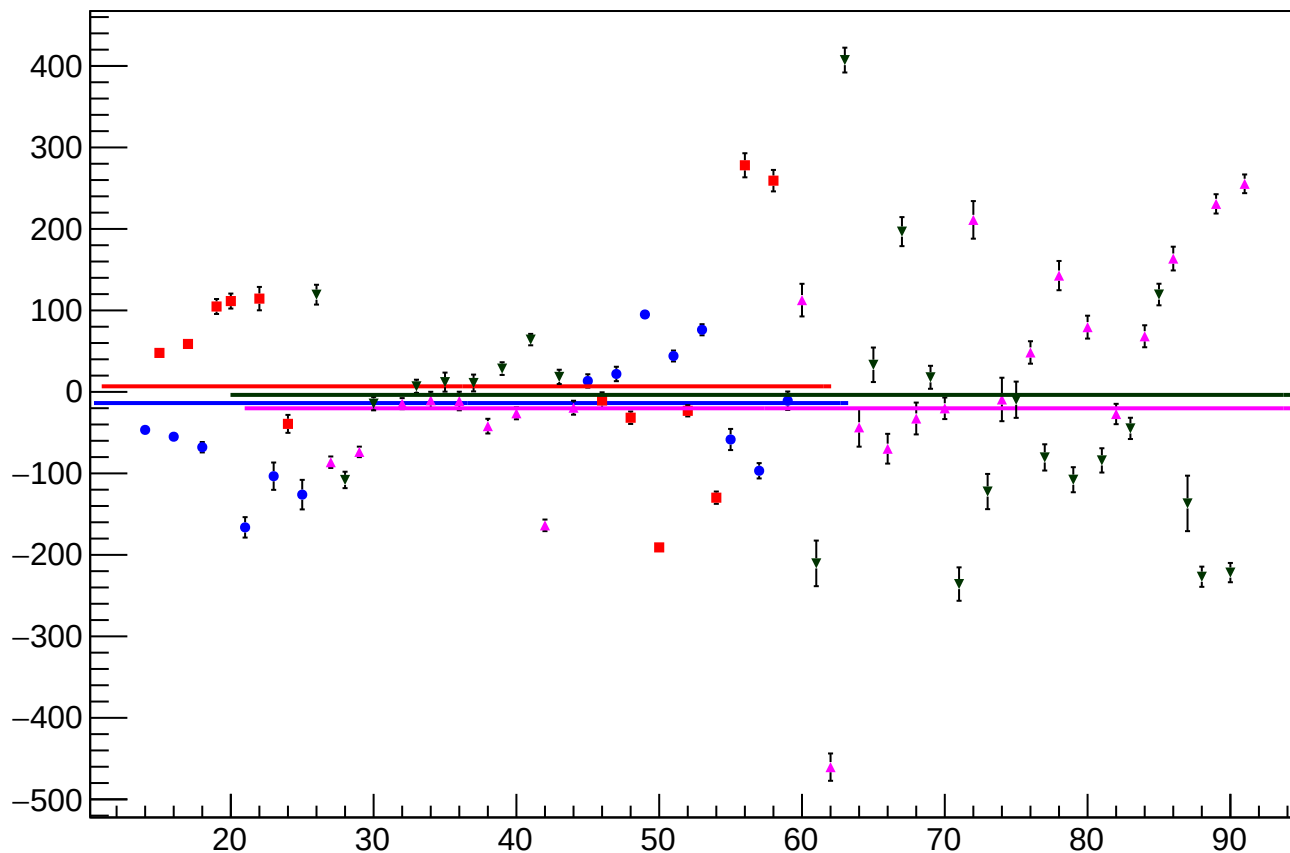
Left Out: 299.347 $\pm$ 2.512 χ^2/NDF :1501.8/24

5.611 $\pm$ -1.221 χ^2/NDF : 46145.5/76

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

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -13.693 ± 1.746 χ^2/NDF : 1413.5/13

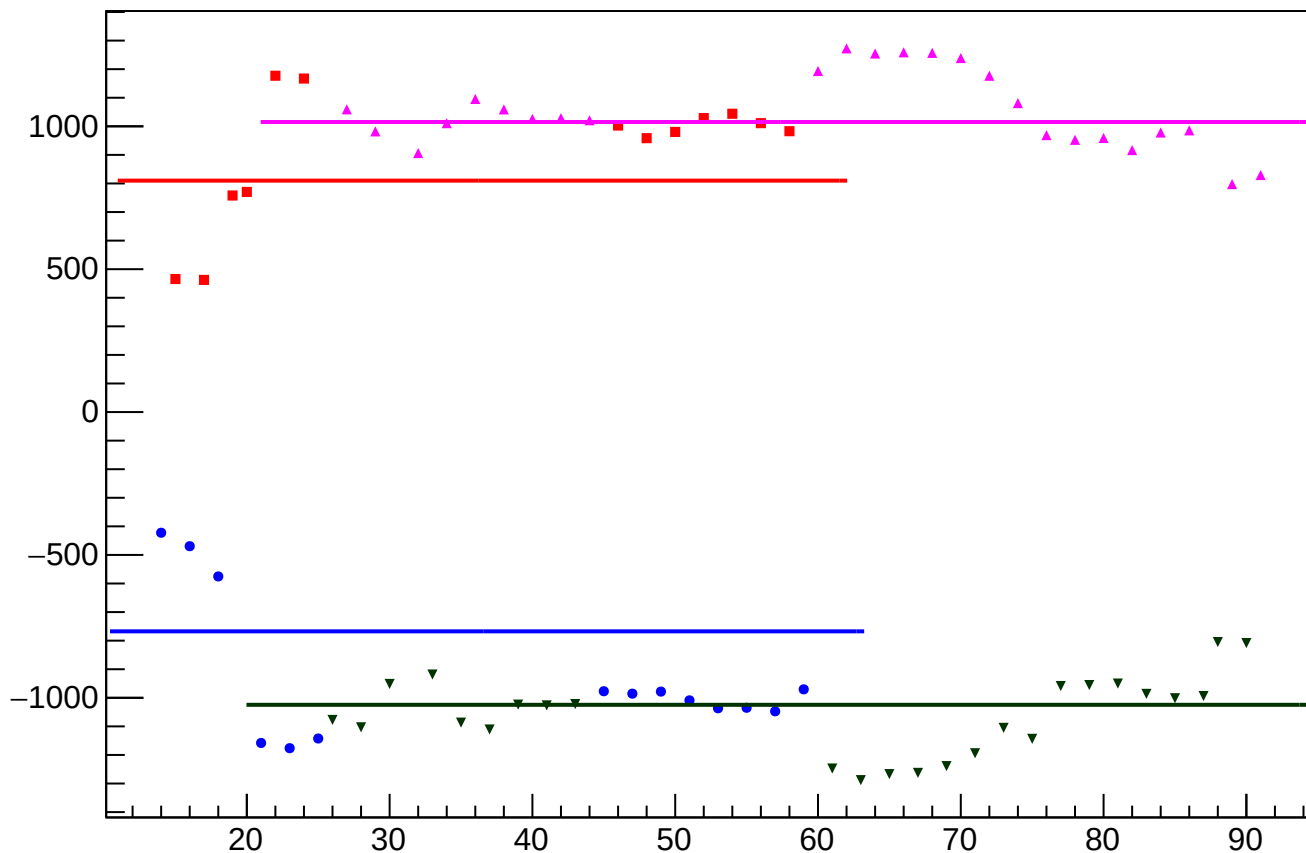
Left Out: -3.669 ± 2.397 χ^2/NDF : 2278.4/24

Right Out: 6.836 ± 2.107 χ^2/NDF : 2641.4/12

Left In: -20.127 ± 2.161 χ^2/NDF : 2799.1/24

-8.391 ± 1.031 χ^2/NDF : 9227.3/76

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -767.408+/-0.423 χ^2/NDF : 437193.0/13

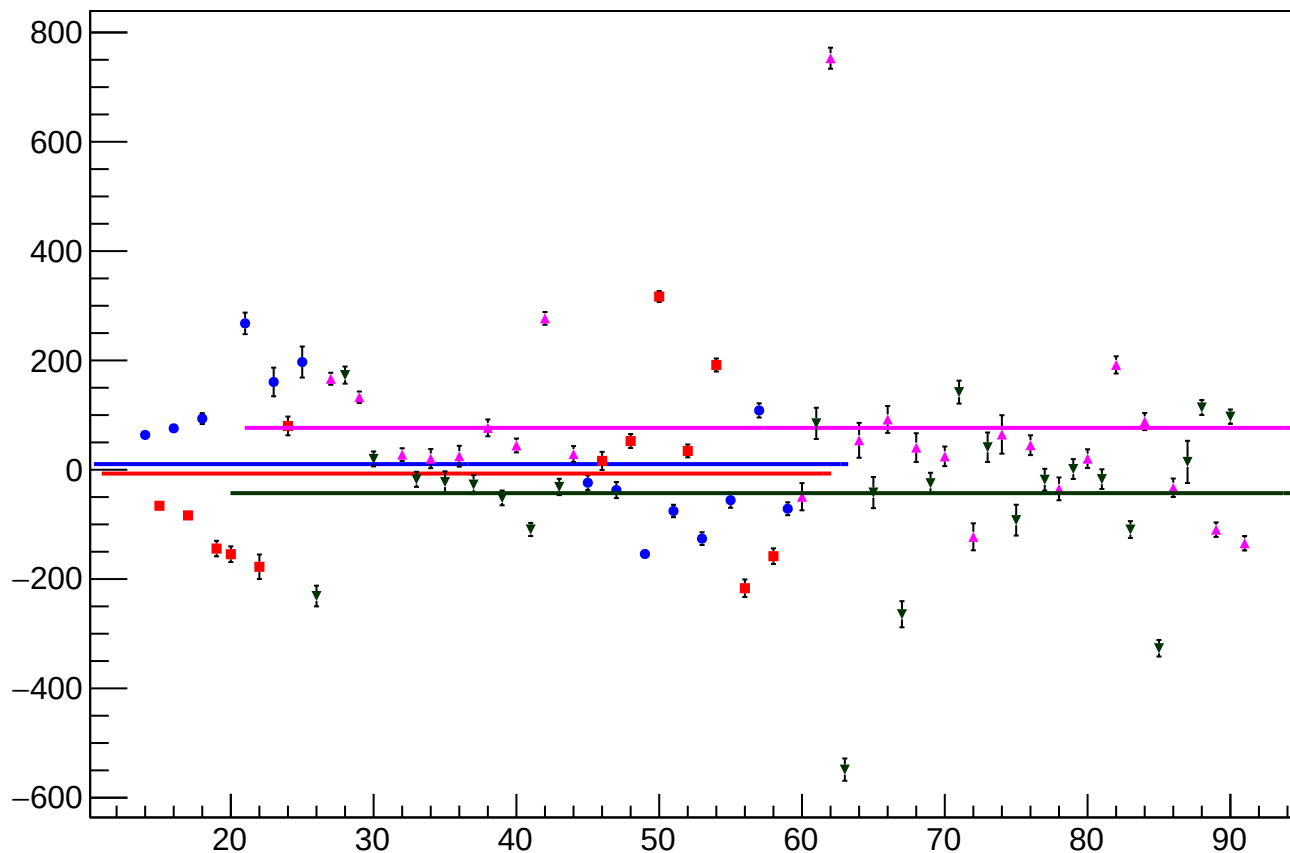
Left Out: -1024.531+/-0.447 χ^2/NDF : 99887.6/24

Right Out: 809.909+/-0.502 χ^2/NDF : 265522.2/12

Left In: 1015.162+/-0.419 χ^2/NDF : 101709.7/24

-21.230+/-0.222 χ^2/NDF : 17895797.7/76

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 10.288+/-2.713 χ^2/NDF : 1335.0/13

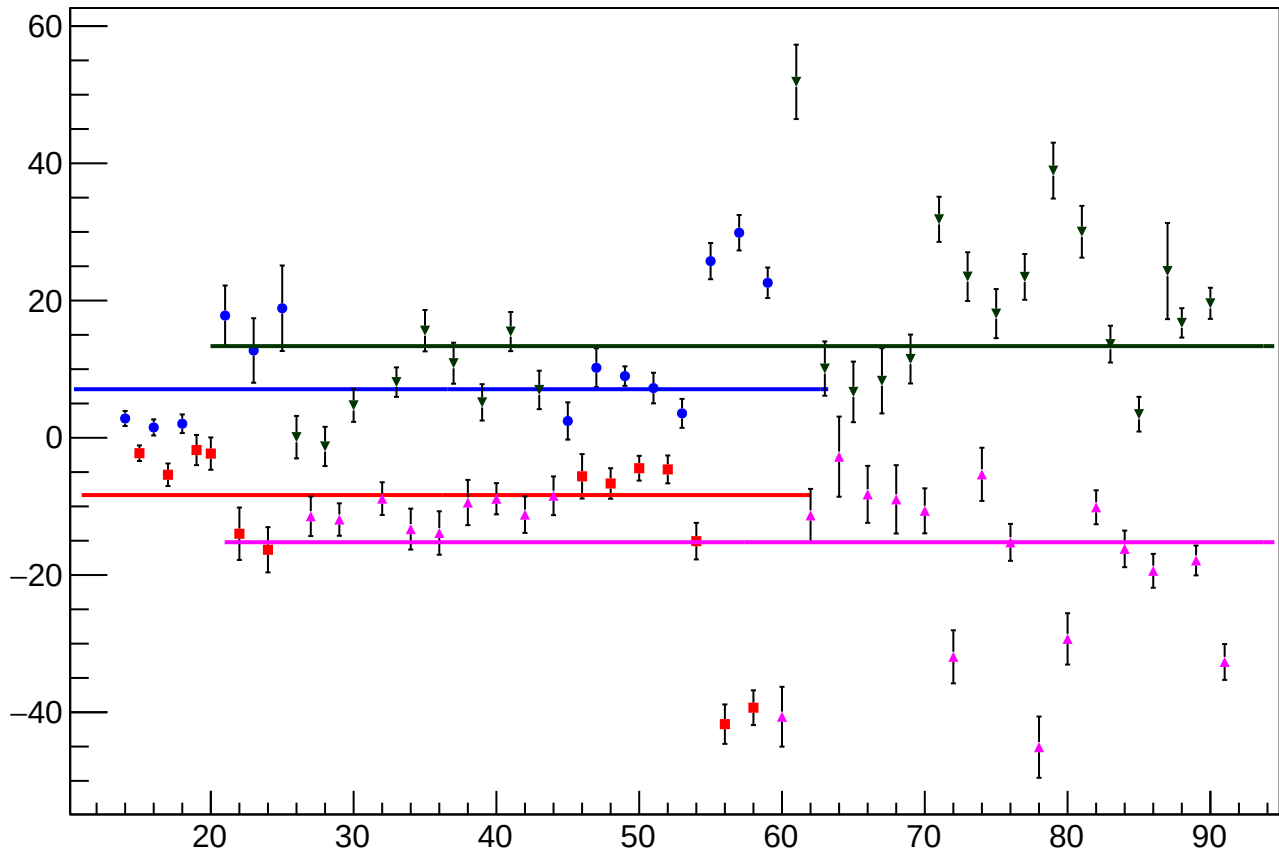
Left Out: -42.827+/-3.459 χ^2/NDF : 1780.9/24

Right Out: -6.970+/-3.277 χ^2/NDF : 2084.9/12

Left In: 76.608+/-3.177 χ^2/NDF : 2365.9/24

11.562+/-1.559 χ^2/NDF : 8265.2/76

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 7.081 ± 0.506 χ^2/NDF : 247.9/13

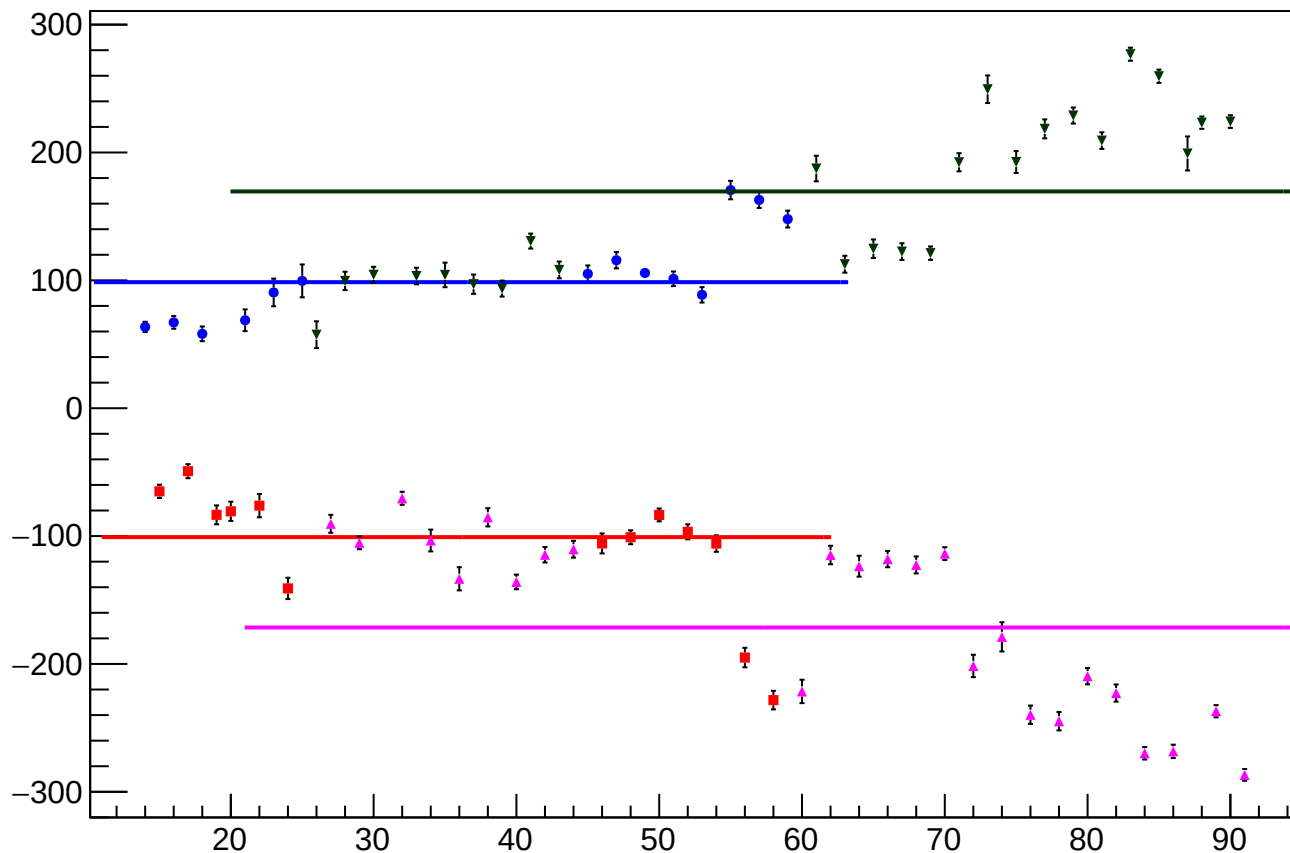
Left Out: 13.359 ± 0.608 χ^2/NDF : 272.4/24

-0.287 ± 0.284 χ^2/NDF : 2621.1/76

Right Out: -8.345 ± 0.582 χ^2/NDF : 355.8/12

Left In: -15.222 ± 0.598 χ^2/NDF : 213.7/24

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 98.582 $\pm$ 1.537 χ^2 /NDF: 453.9/13

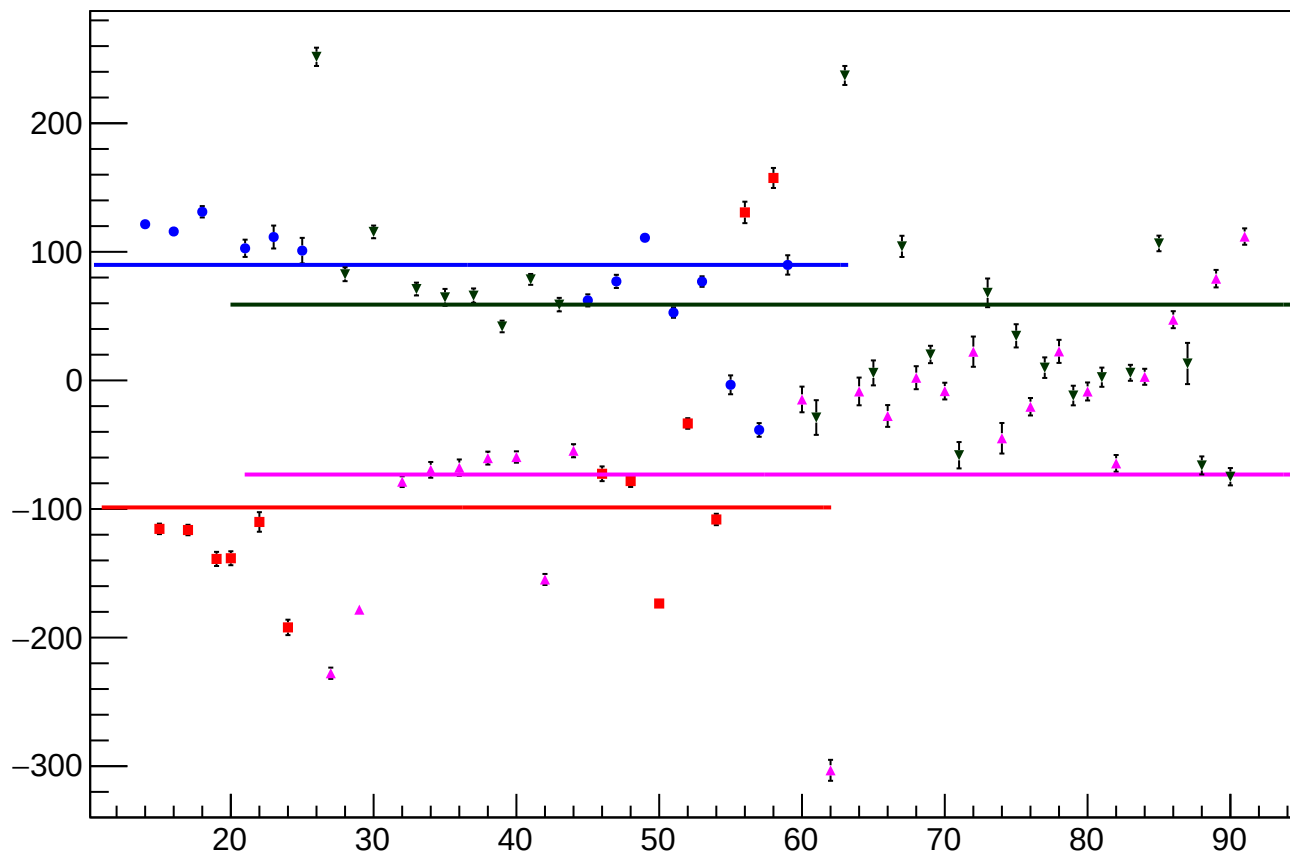
Left Out: 169.522 $\pm$ 1.325 χ^2 /NDF: 2324.2/24

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

-0.953 $\pm$ 0.718 χ^2 /NDF: 49090.6/76

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 89.841 $\pm$ 1.208 χ^2 /NDF: 1196.9/13

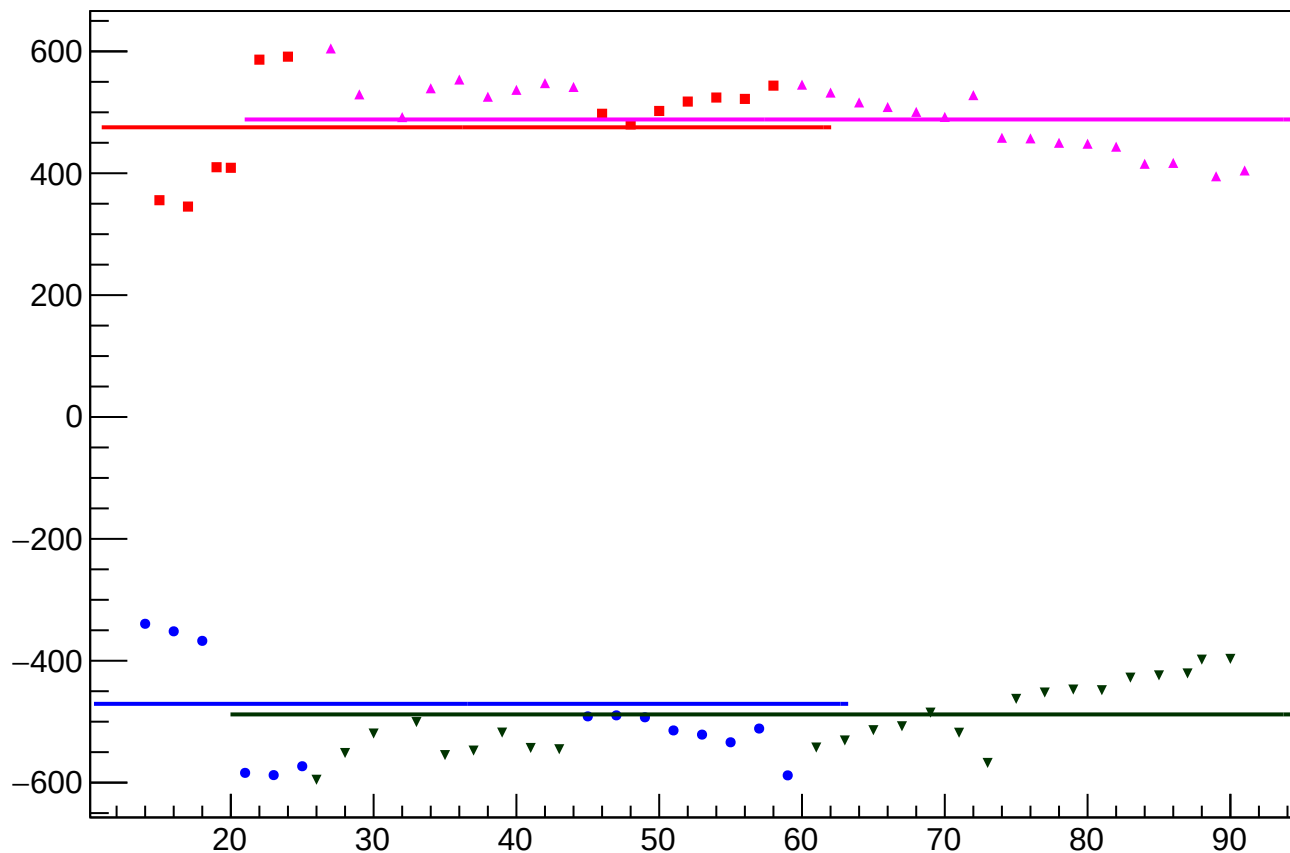
Left Out: 58.949 $\pm$ 1.310 χ^2 /NDF: 2817.3/24

Right Out: -98.780 $\pm$ 1.386 χ^2 /NDF: 2904.5/12

Left In: -73.191 $\pm$ 1.207 χ^2 /NDF: 5645.6/24

-2.289 $\pm$ 0.636 χ^2 /NDF: 28862.7/76

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -470.711+/-0.284 χ^2/NDF : 83390.7/13

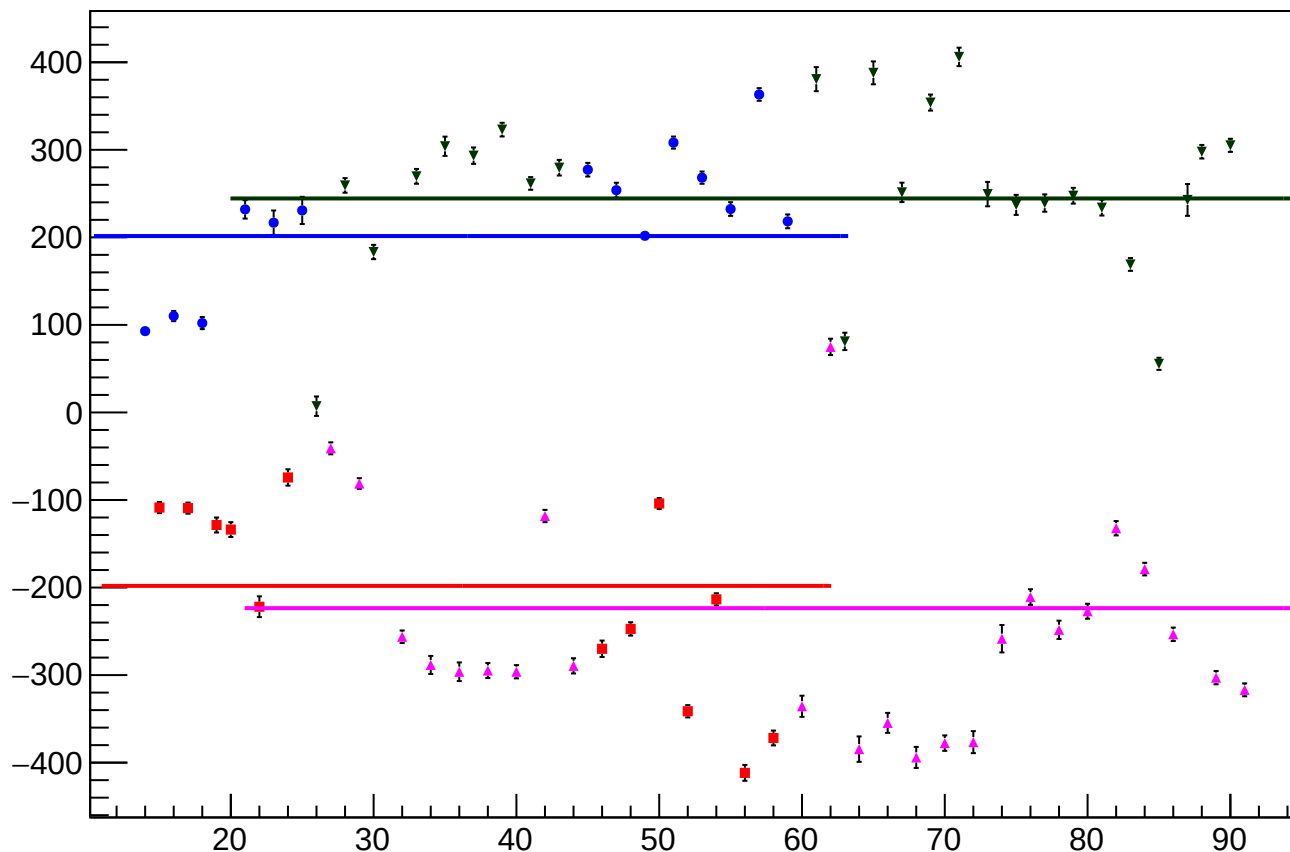
Left Out: -488.074+/-0.238 χ^2/NDF : 53913.6/24

Right Out: 475.395+/-0.325 χ^2/NDF : 52517.8/12

Left In: 488.257+/-0.225 χ^2/NDF : 60449.6/24

-5.589+/-0.130 χ^2/NDF : 14037191.4/76

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 201.498 $\pm$ 1.871 χ^2 /NDF: 2011.5/13

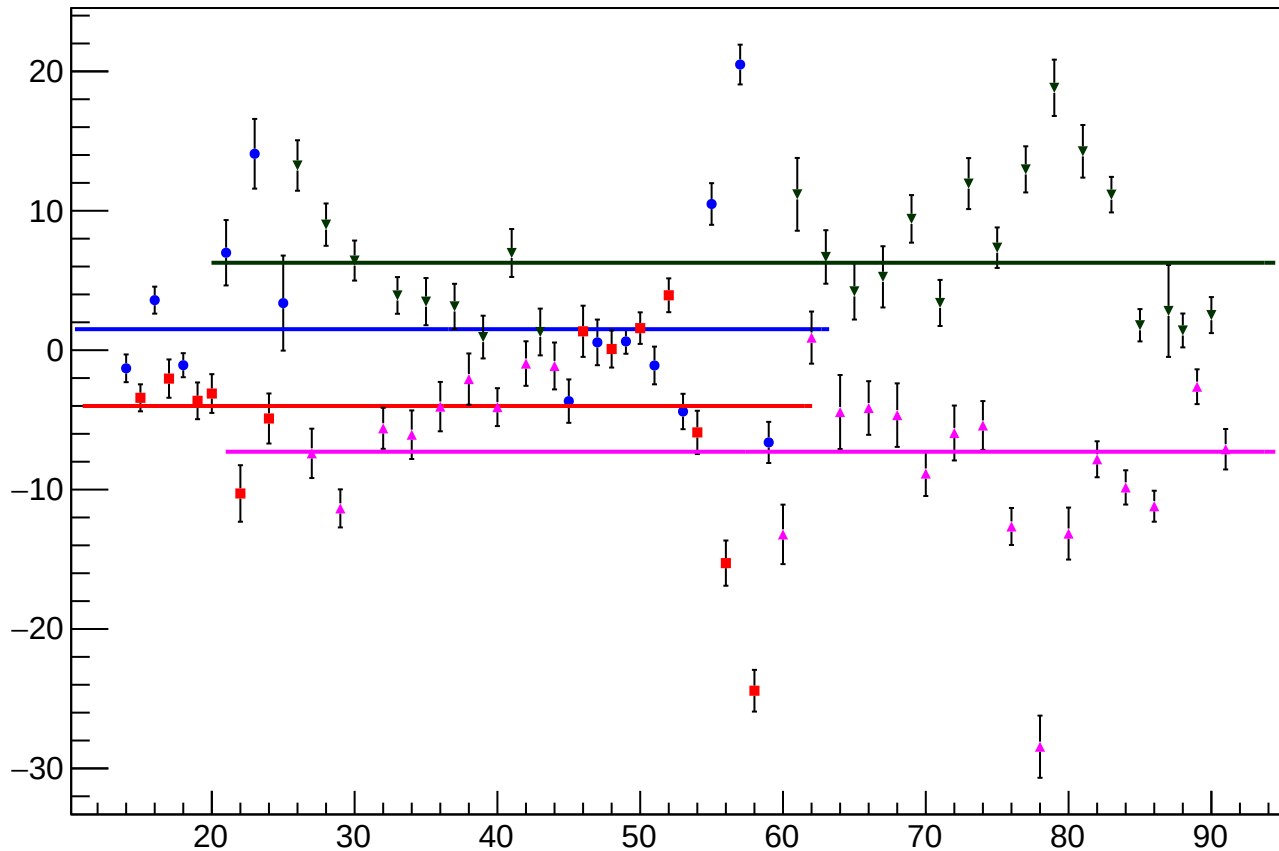
Left Out: 244.427 $\pm$ 1.844 χ^2 /NDF: 2535.7/24

Right Out: -198.103 $\pm$ 2.149 χ^2 /NDF: 2417.6/12

Left In: -223.558 $\pm$ 1.730 χ^2 /NDF: 4285.9/24

10.511 $\pm$ 0.941 χ^2 /NDF: 65479.7/76

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 1.507 ± 0.343 χ^2/NDF : 333.9/13

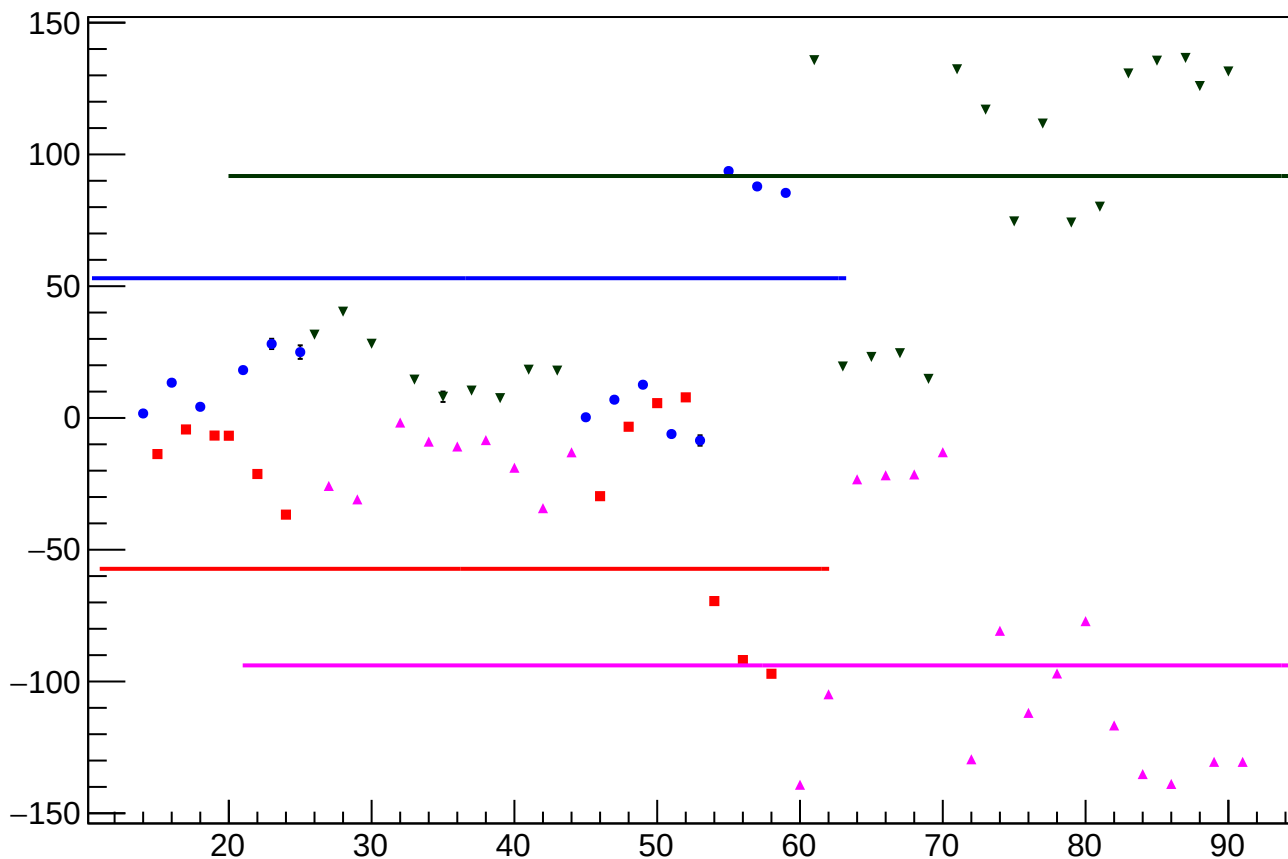
Left Out: 6.272 ± 0.322 χ^2/NDF : 198.3/24

Right Out: -4.003 ± 0.383 χ^2/NDF : 334.1/12

Left In: -7.285 ± 0.318 χ^2/NDF : 238.4/24

-0.749 ± 0.170 χ^2/NDF : 2116.2/76

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 53.027+/-0.317 χ^2/NDF : 16662.9/13

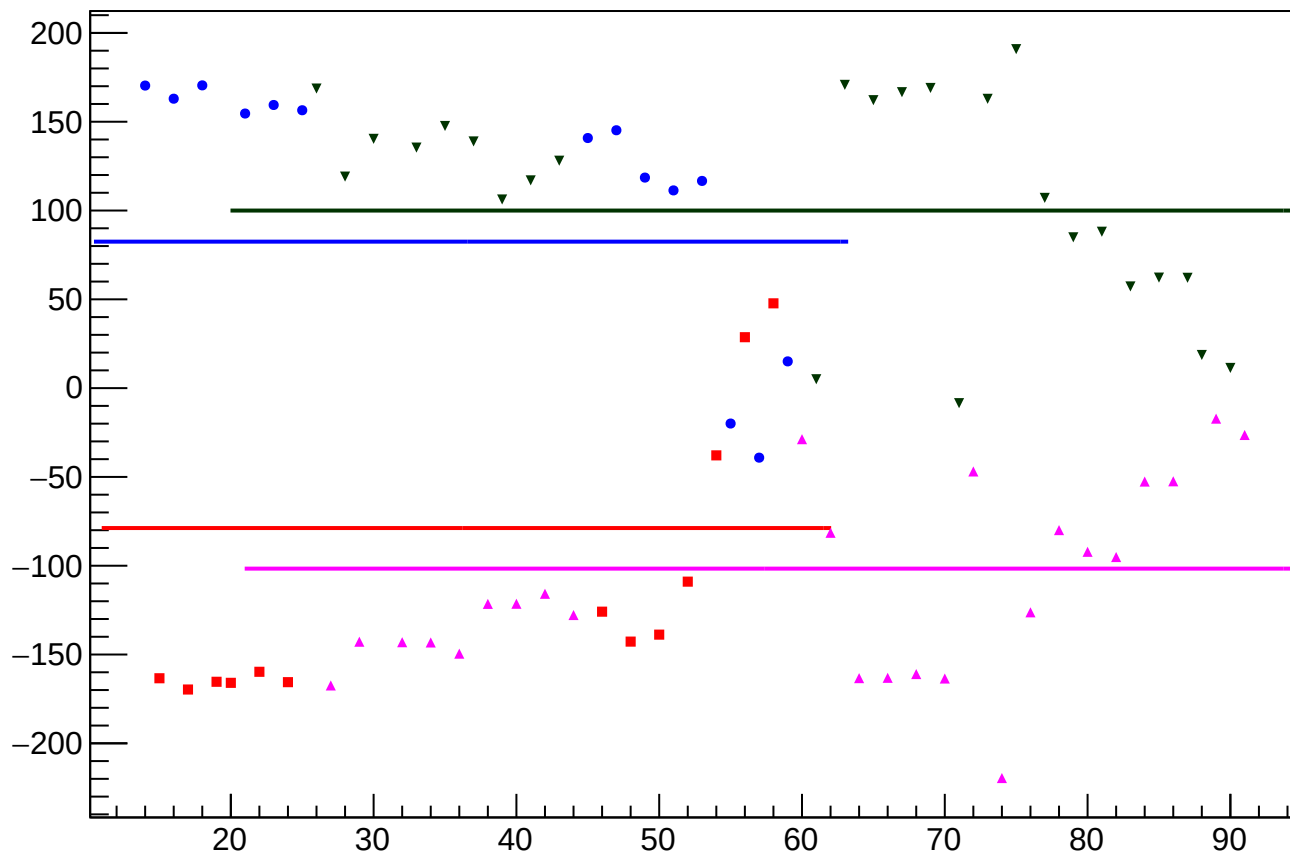
Left Out: 91.809+/-0.195 χ^2/NDF : 50760.3/24

Right Out: -57.243+/-0.341 χ^2/NDF : 14068.5/12

Left In: -93.891+/-0.192 χ^2/NDF : 56911.5/24

-1.278+/-0.118 χ^2/NDF : 654465.6/76

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 82.484+/-0.282 χ^2/NDF : 88002.2/13

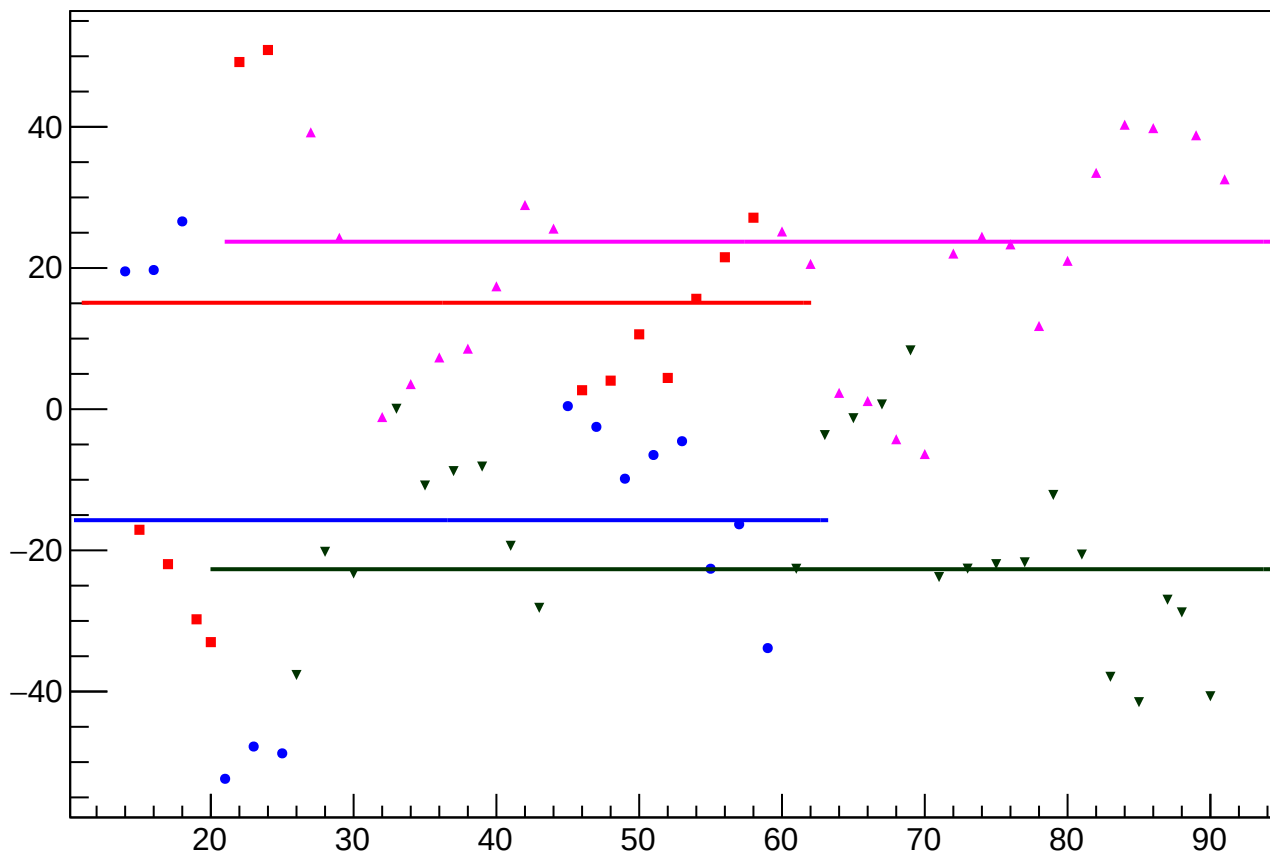
Left Out: 99.987+/-0.212 χ^2/NDF : 65400.0/24

Right Out: -78.783+/-0.304 χ^2/NDF : 87289.3/12

Left In: -101.632+/-0.202 χ^2/NDF : 50685.9/24

-1.075+/-0.119 χ^2/NDF : 918917.8/76

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -15.726 $\pm$ 0.056 χ^2 /NDF: 124690.1/13

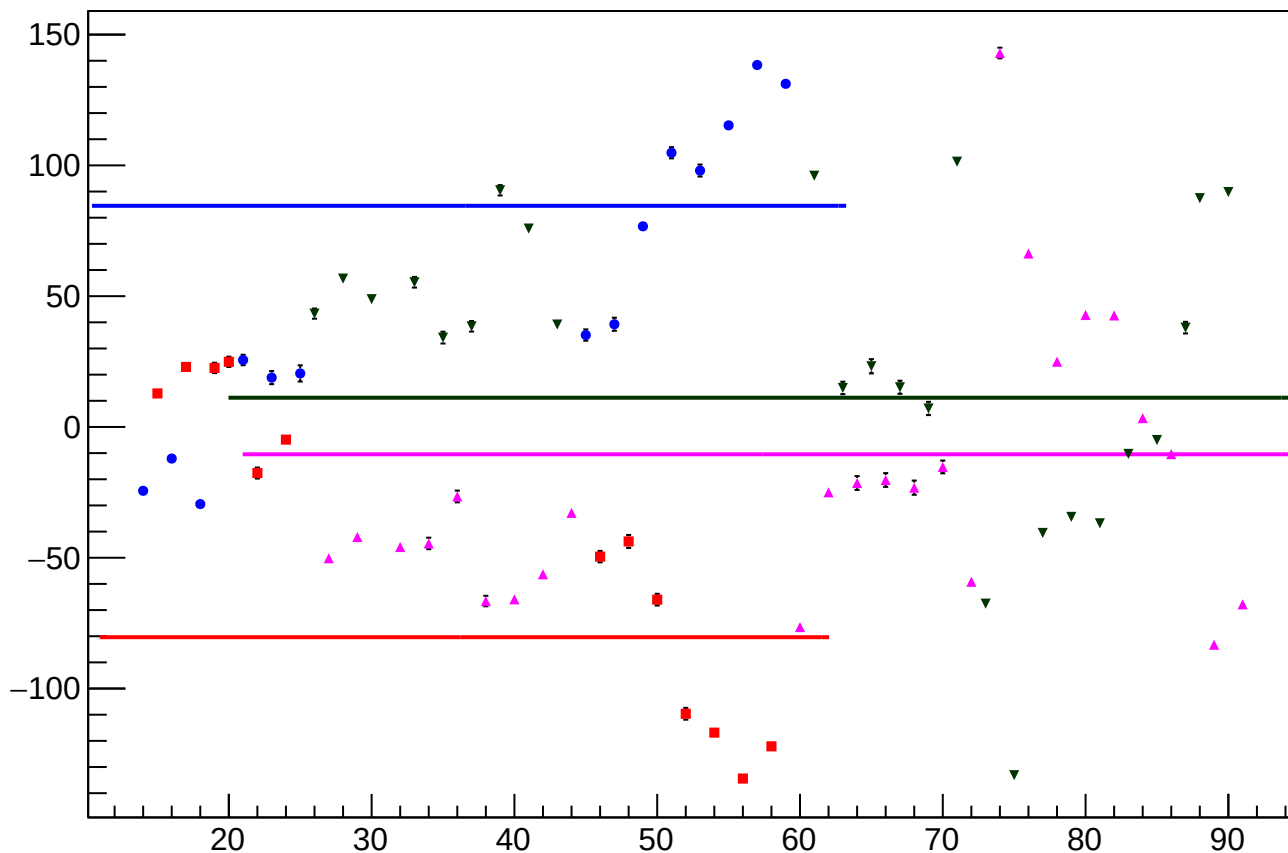
Left Out: -22.671 $\pm$ 0.037 χ^2 /NDF:109372.0/24

Right Out: 15.079 $\pm$ 0.060 χ^2 /NDF: 113366.6/12

Left In: 23.728 $\pm$ 0.035 χ^2 /NDF:131726.8/24

0.591 $\pm$ 0.022 χ^2 /NDF: 1455428.0/76

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 84.551+/-0.371 χ^2/NDF : 25933.1/13

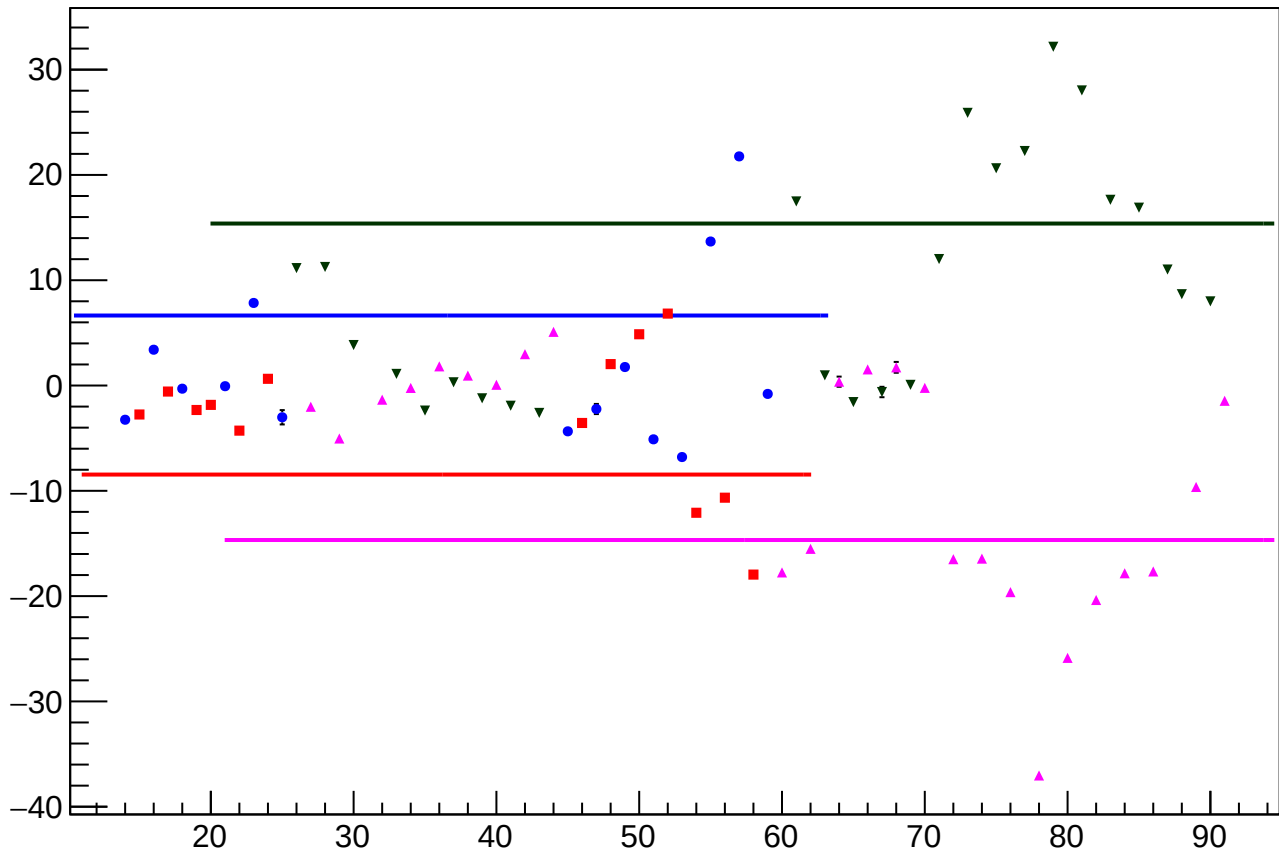
Left Out: 11.185+/-0.270 χ^2/NDF : 58024.1/24

2.835+/-0.155 χ^2/NDF : 239892.7/76

Right Out: -80.374+/-0.403 χ^2/NDF : 23056.1/12

Left In: -10.444+/-0.261 χ^2/NDF : 38347.0/24

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 6.649 ± 0.068 χ^2/NDF : 19360.7/13

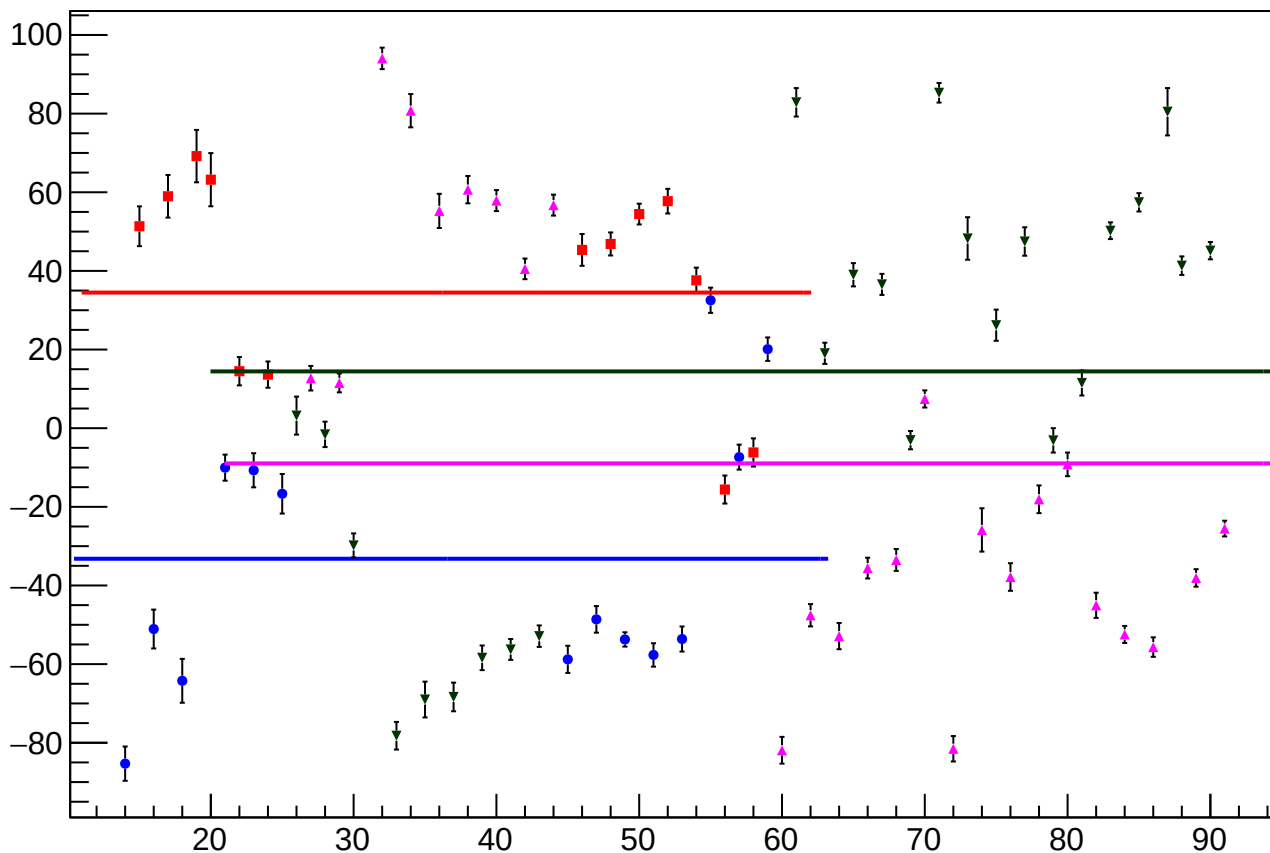
Left Out: 15.384 ± 0.046 χ^2/NDF : 40359.9/24

Right Out: -8.456 ± 0.072 χ^2/NDF : 10922.9/12

Left In: -14.672 ± 0.047 χ^2/NDF : 43564.7/24

0.255 ± 0.027 χ^2/NDF : 346880.9/76

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -33.204 $\pm$ 0.877 χ^2 /NDF: 1390.3/13

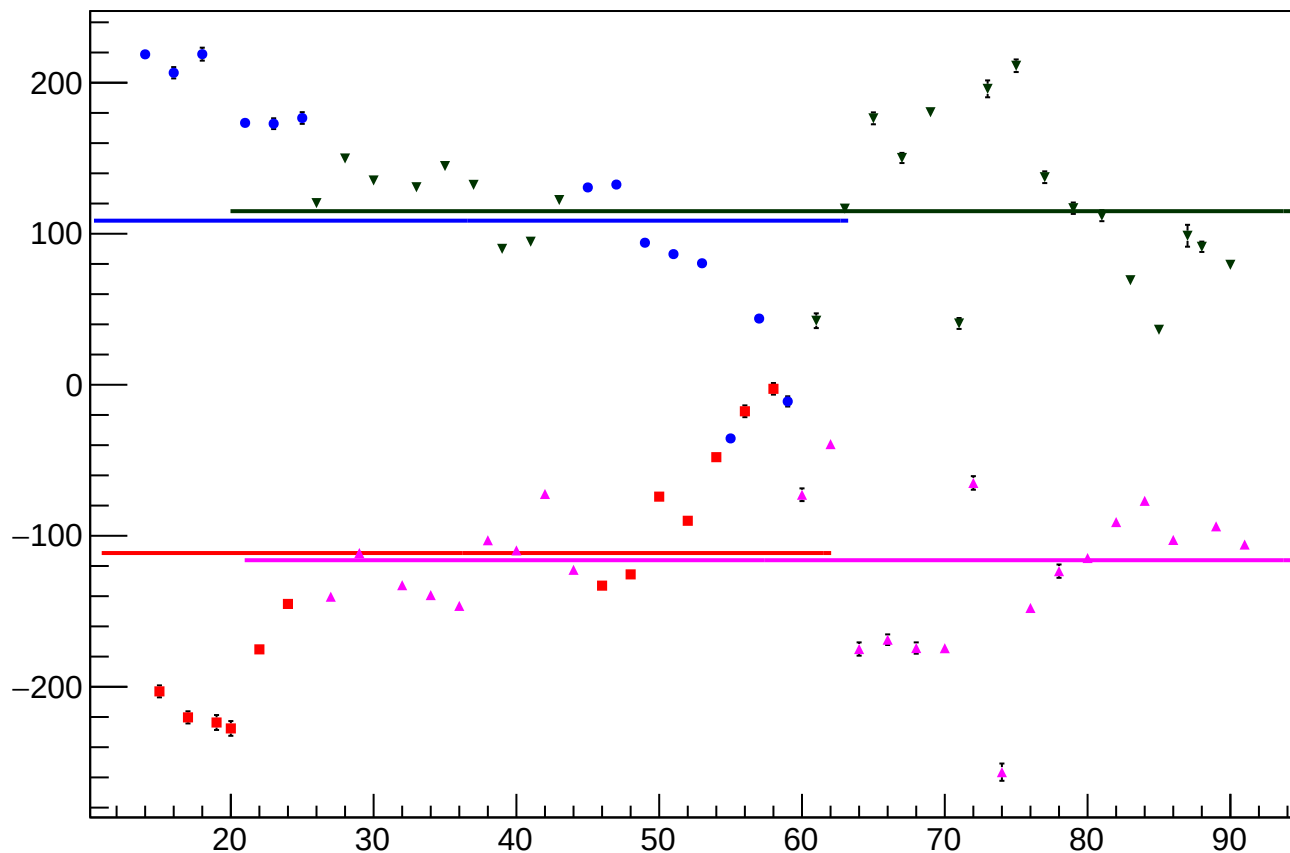
Left Out: 14.442 $\pm$ 0.594 χ^2 /NDF:6239.8/24

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

0.331 $\pm$ 0.348 χ^2 /NDF: 18631.4/76

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 108.657 $\pm$ 0.709 χ^2 /NDF: 8081.9/13

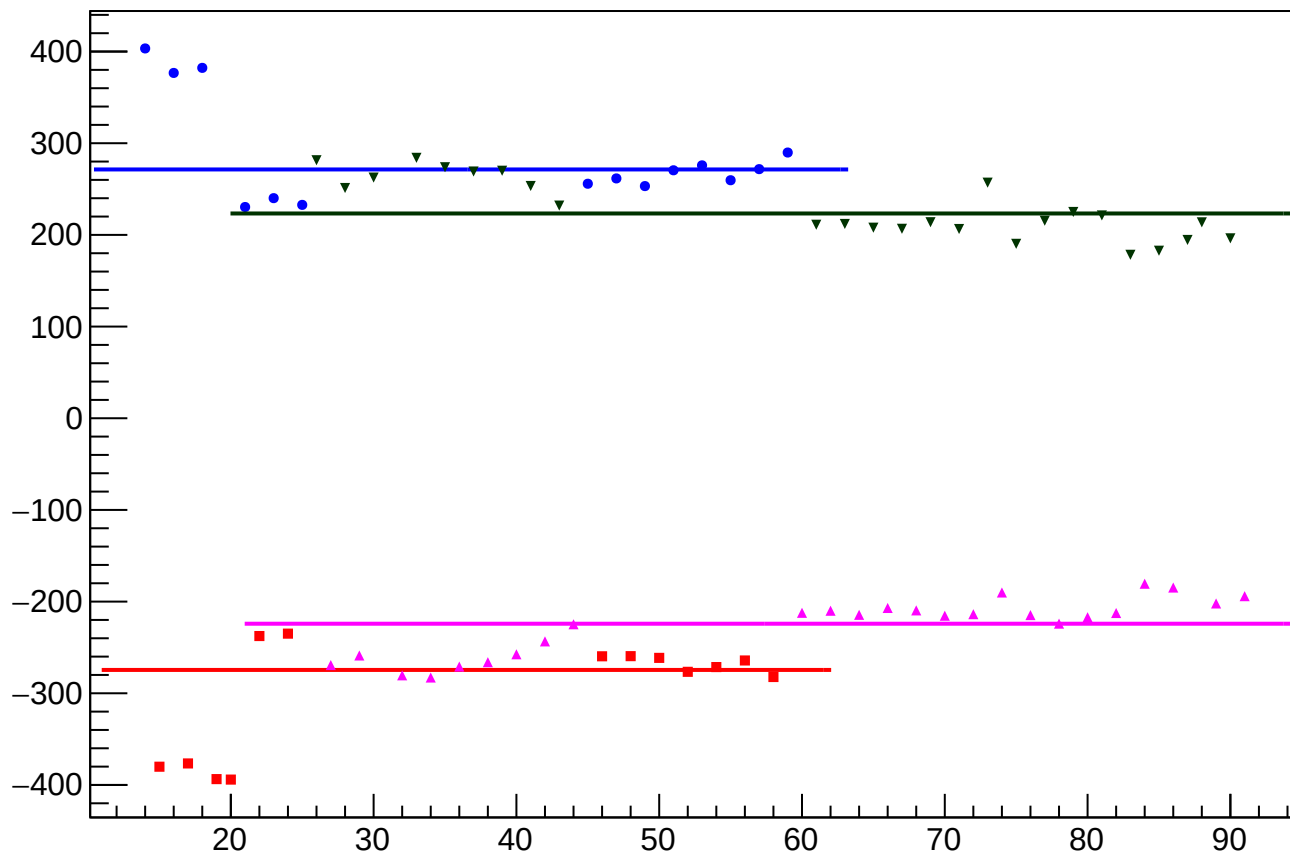
Left Out: 114.944 $\pm$ 0.599 χ^2 /NDF: 4287.9/24

Right Out: -111.428 $\pm$ 0.802 χ^2 /NDF: 5680.8/12

Left In: -116.178 $\pm$ 0.551 χ^2 /NDF: 3928.6/24

-1.941 $\pm$ 0.322 χ^2 /NDF: 145946.7/76

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 271.385 $\pm$ 0.159 χ^2 /NDF: 60442.4/13

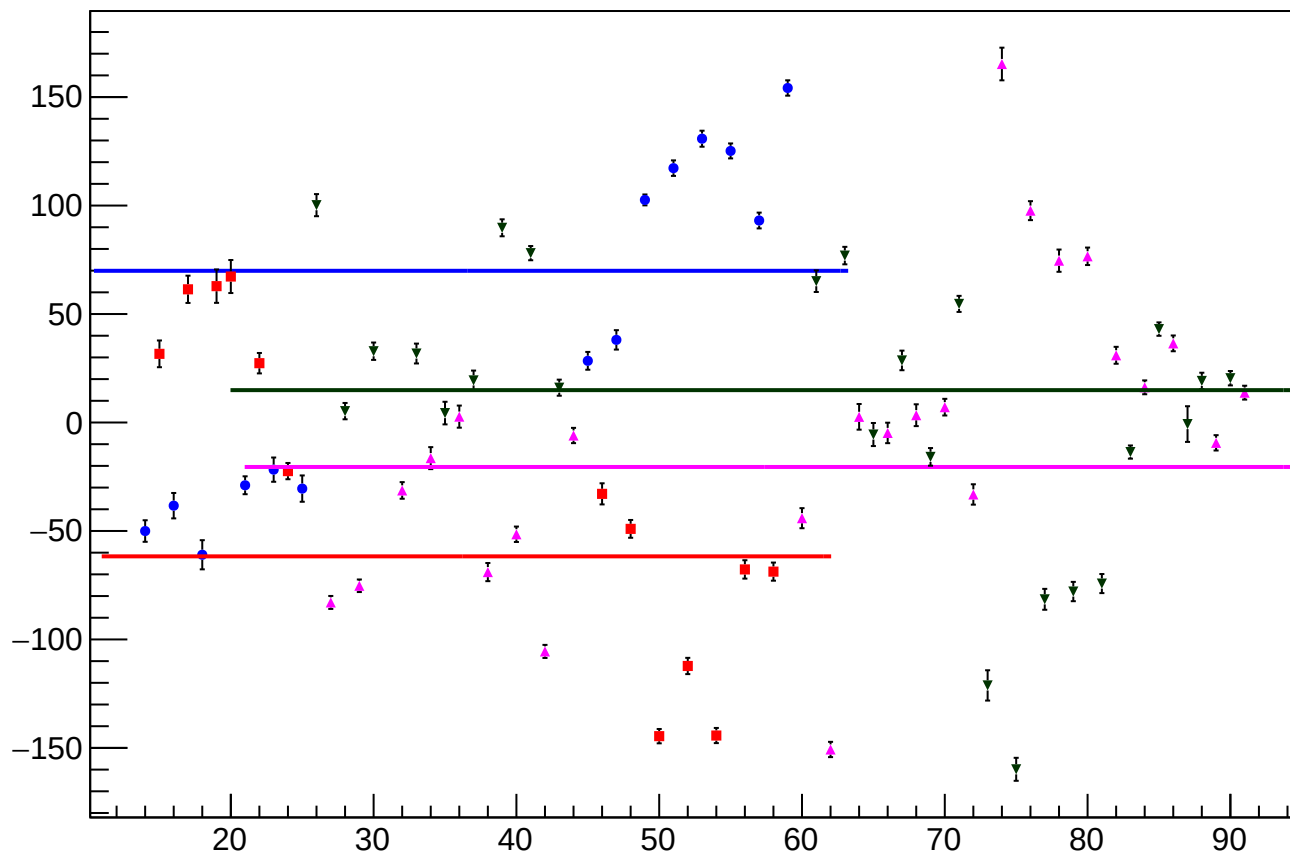
Left Out: 223.363 $\pm$ 0.107 χ^2 /NDF: 82406.7/24

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

1.354 $\pm$ 0.063 χ^2 /NDF: 14730129.6/76

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 69.926 $\pm$ 1.073 χ^2 /NDF: 4053.7/13

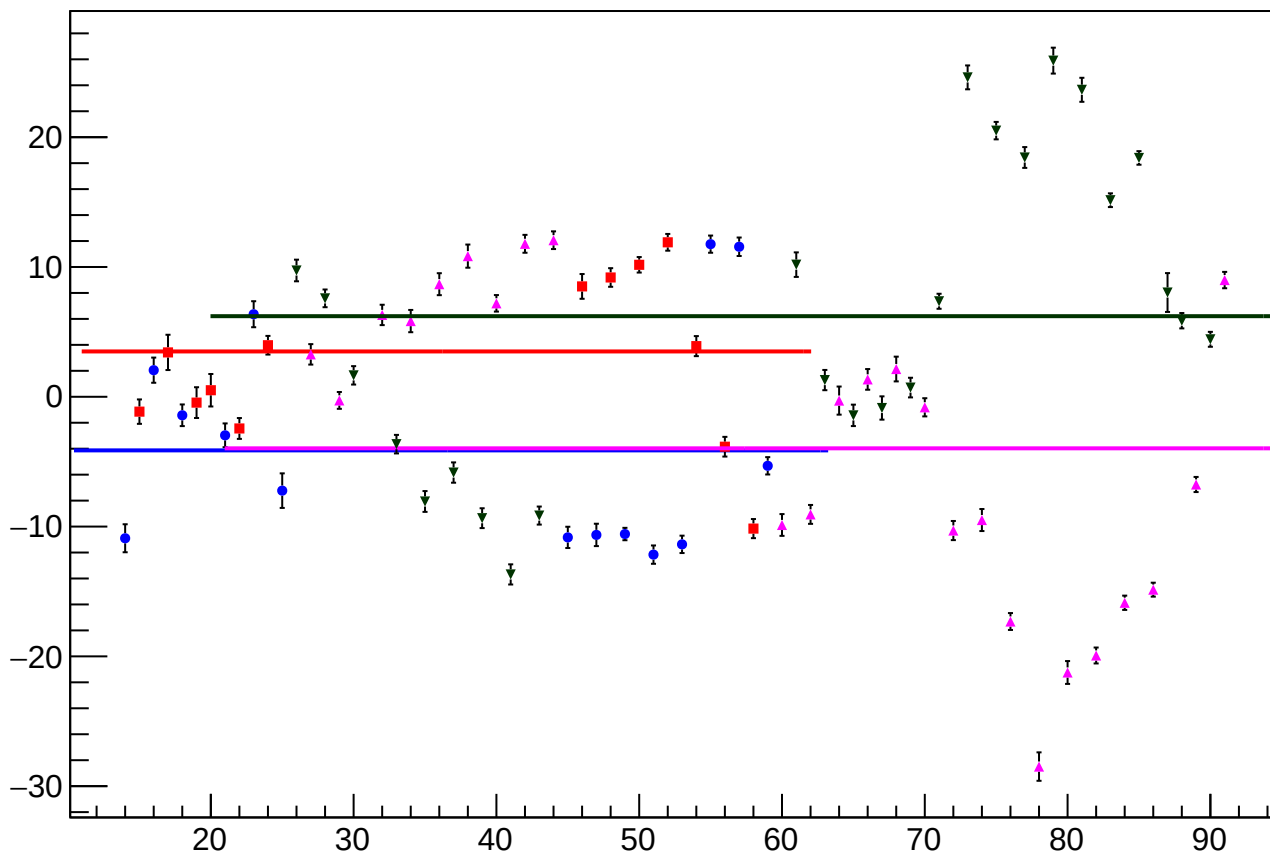
Left Out: 14.918 $\pm$ 0.832 χ^2 /NDF: 4491.1/24

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

1.676 $\pm$ 0.465 χ^2 /NDF: 25644.6/76

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -4.130 ± 0.204 χ^2/NDF : 1824.8/13

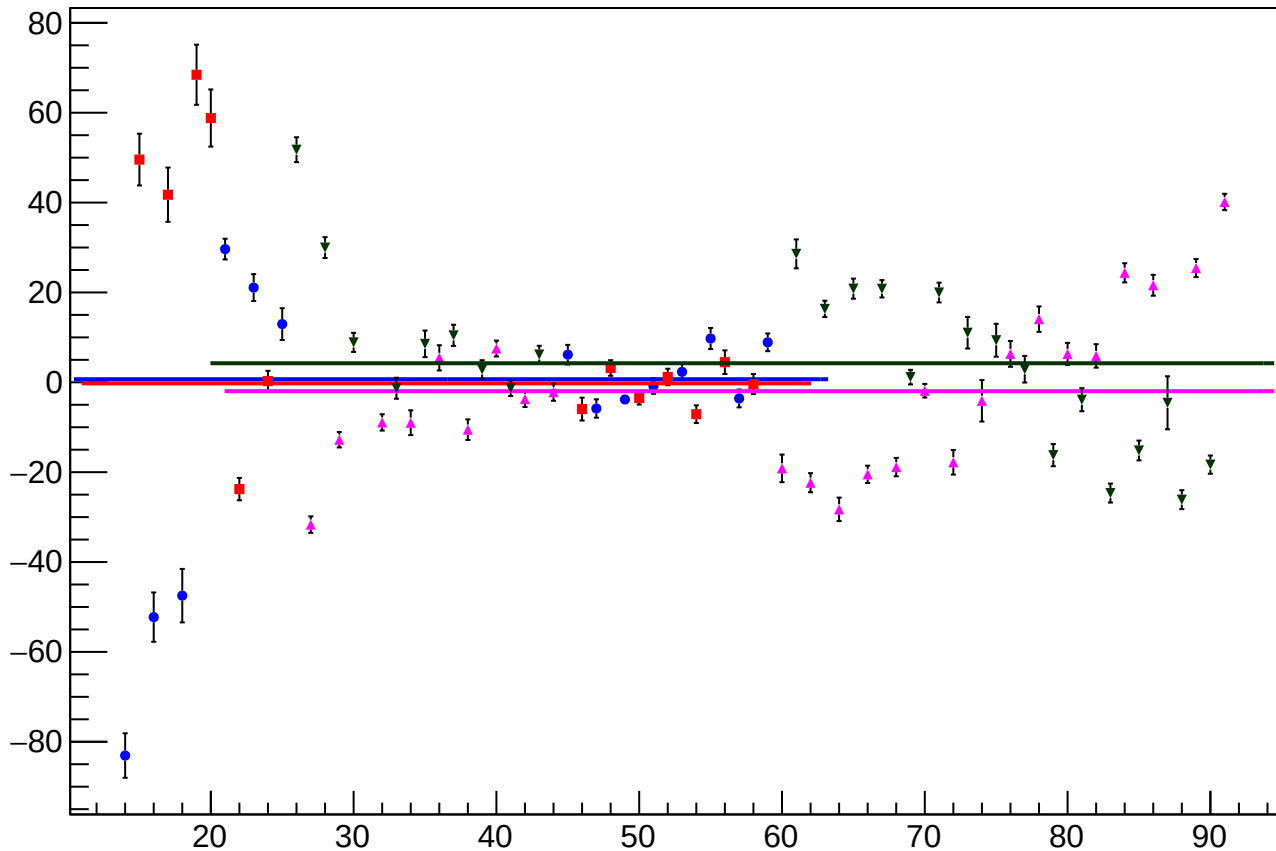
Left Out: 6.210 ± 0.146 χ^2/NDF : 5300.0/24

Right Out: 3.493 ± 0.224 χ^2/NDF : 918.3/12

Left In: -3.972 ± 0.145 χ^2/NDF : 5942.1/24

0.523 ± 0.085 χ^2/NDF : 17170.8/76

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 0.685 ± 0.557 χ^2/NDF : 735.0/13

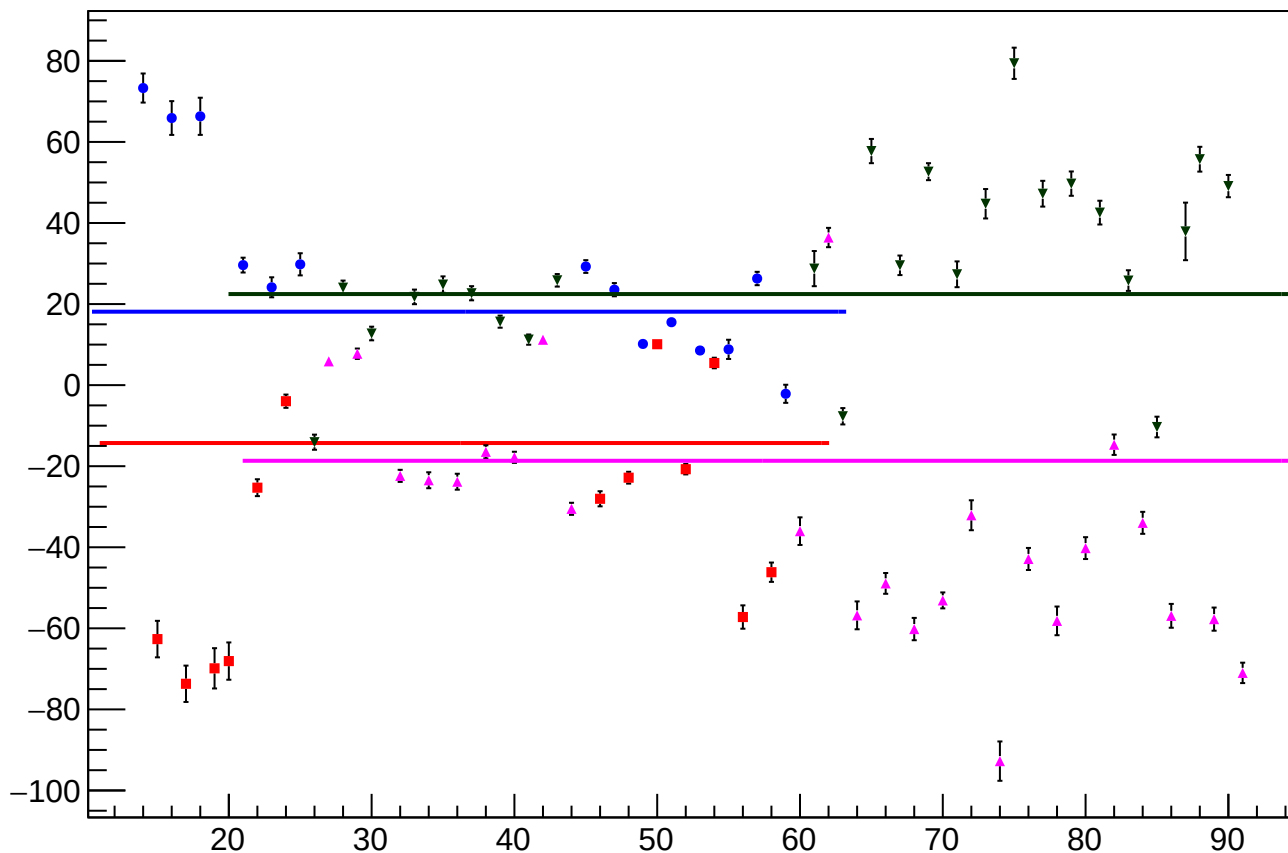
Left Out: 4.244 ± 0.456 χ^2/NDF : 1416.1/24

Right Out: -0.236 ± 0.658 χ^2/NDF : 433.8/12

Left In: -1.974 ± 0.430 χ^2/NDF : 1830.5/24

0.723 ± 0.252 χ^2/NDF : 4516.4/76

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 18.120 ± 0.446 χ^2/NDF : 879.1/13

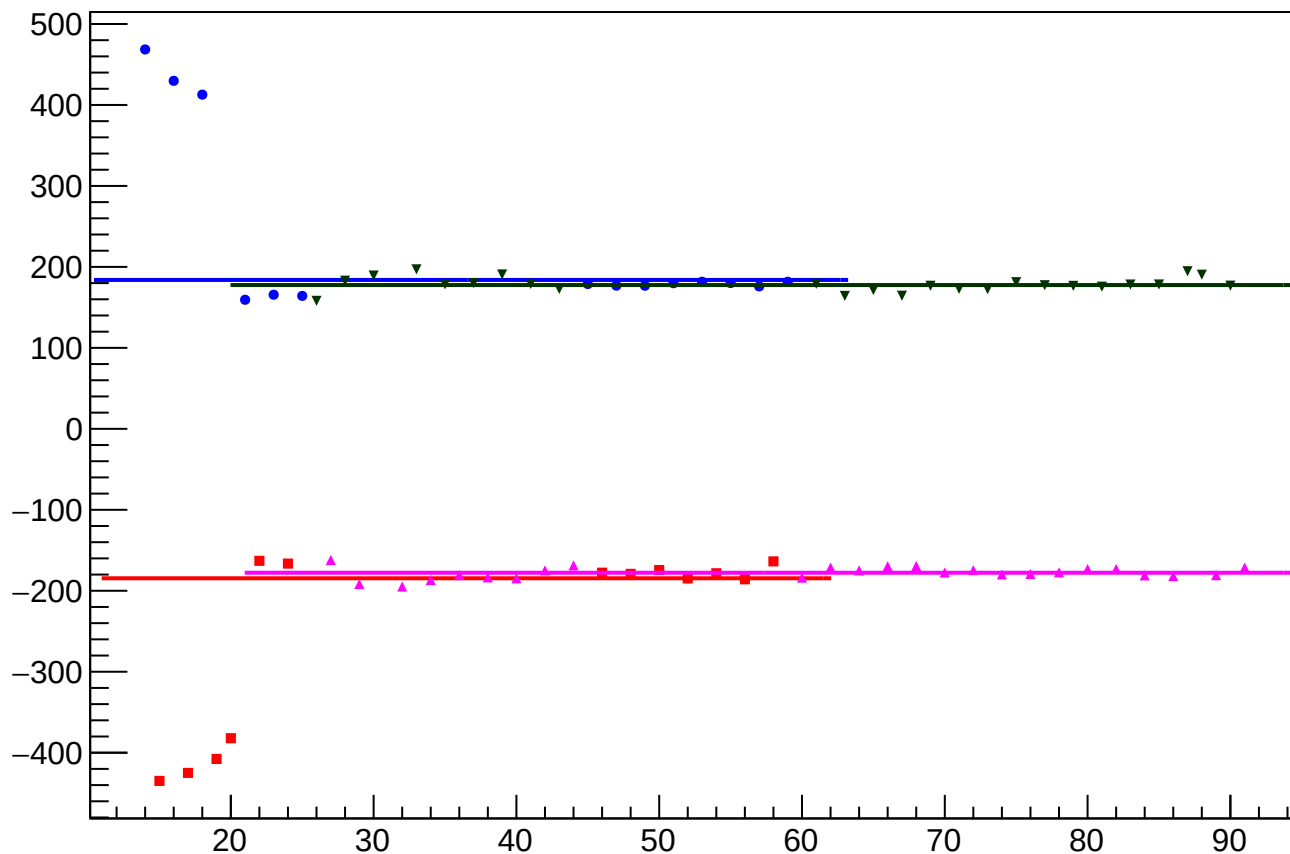
Left Out: 22.469 ± 0.435 χ^2/NDF : 1936.0/24

Right Out: -14.282 ± 0.509 χ^2/NDF : 1849.2/12

Left In: -18.664 ± 0.395 χ^2/NDF : 4253.2/24

1.691 ± 0.220 χ^2/NDF : 16198.1/76

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 183.878 $\pm$ 0.101 χ^2 /NDF: 189250.2/13

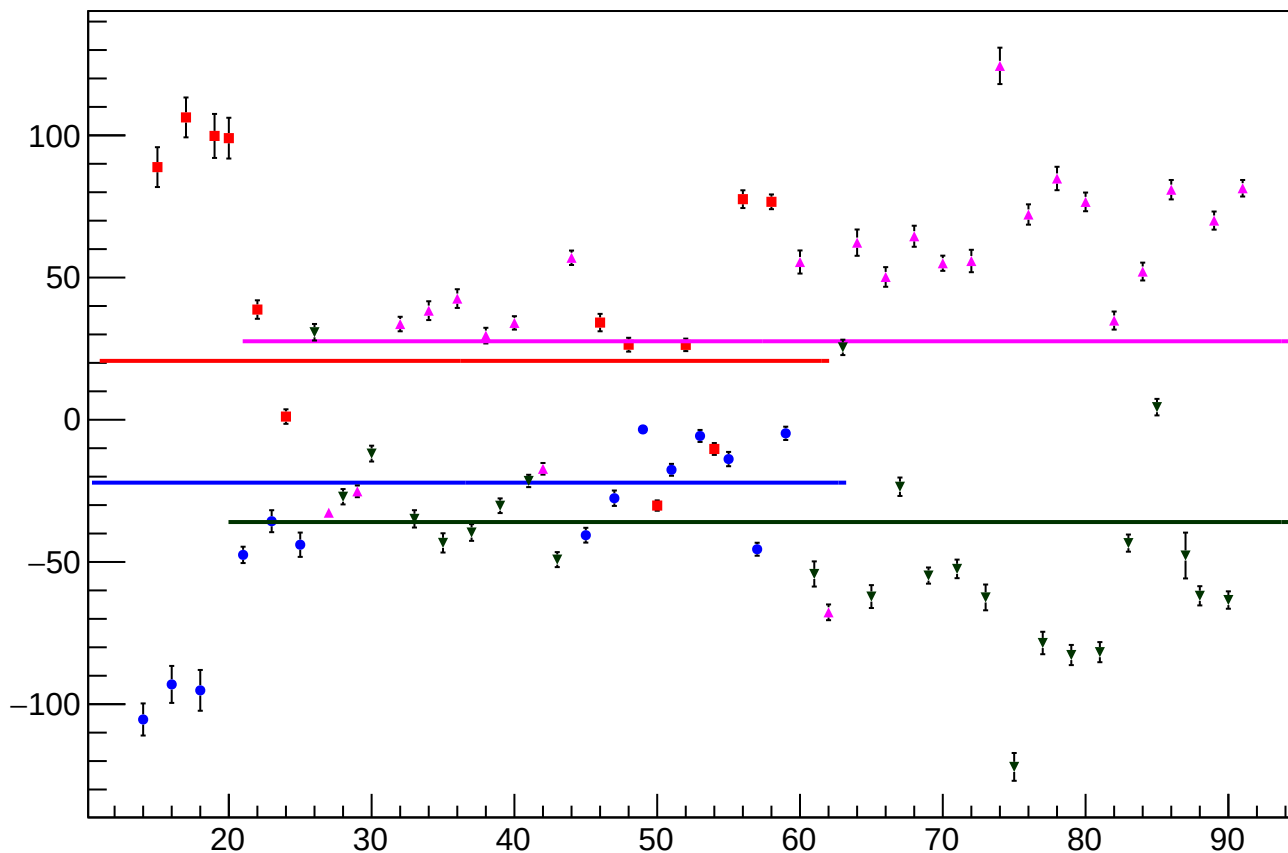
Left Out: 177.590 $\pm$ 0.081 χ^2 /NDF:13210.4/24

Right Out: -184.573 $\pm$ 0.116 χ^2 /NDF: 156846.2/12

Left In: -177.728 $\pm$ 0.076 χ^2 /NDF:12241.2/24

2.299 $\pm$ 0.045 χ^2 /NDF: 16418670.1/76

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -22.112 ± 0.689 $\chi^2/\text{NDF}: 1028.5/13$

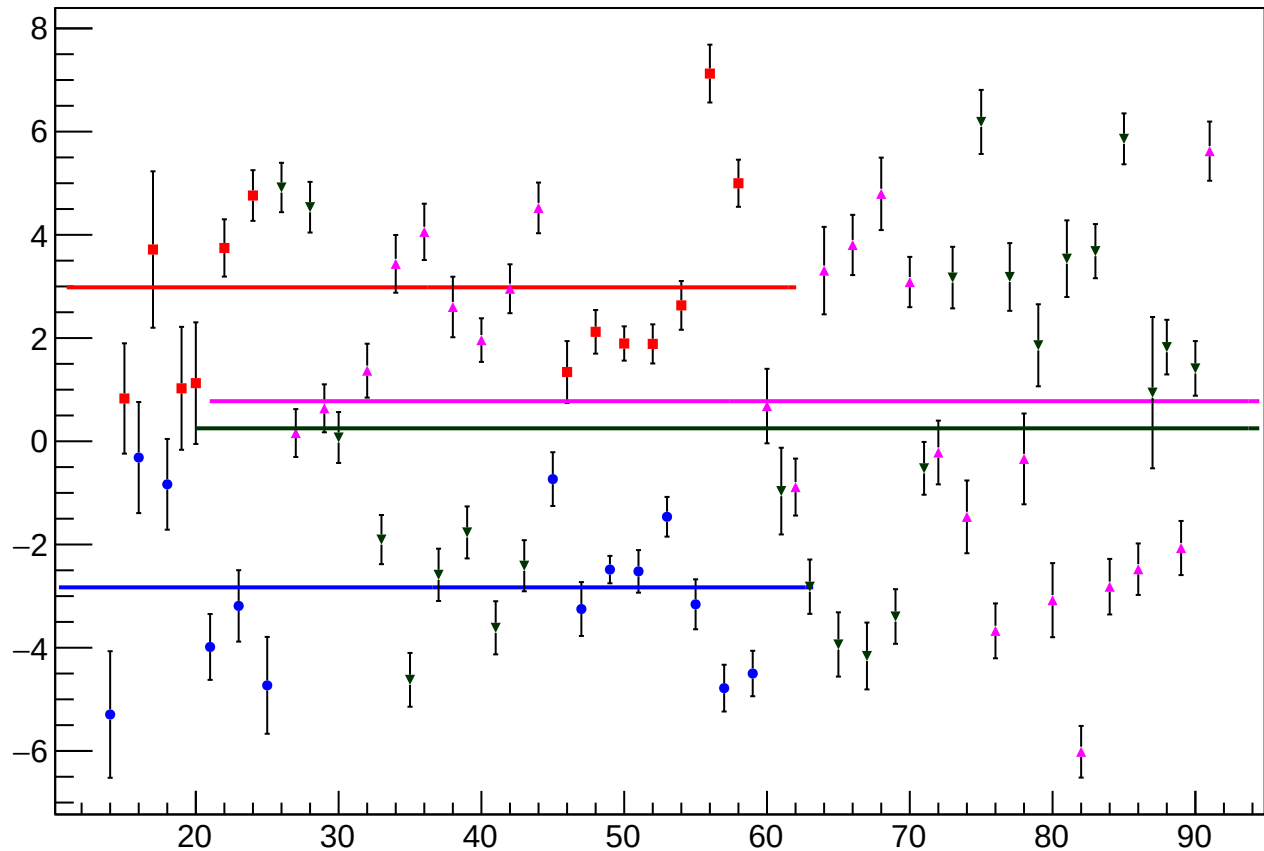
Left Out: -35.960 ± 0.630 $\chi^2/\text{NDF}: 2492.2/24$

Right Out: 20.705 ± 0.793 $\chi^2/\text{NDF}: 2382.9/12$

Left In: 27.598 ± 0.581 $\chi^2/\text{NDF}: 5702.5/24$

-2.452 ± 0.330 $\chi^2/\text{NDF}: 18767.9/76$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.830 ± 0.132 $\chi^2/\text{NDF}: 87.4/13$

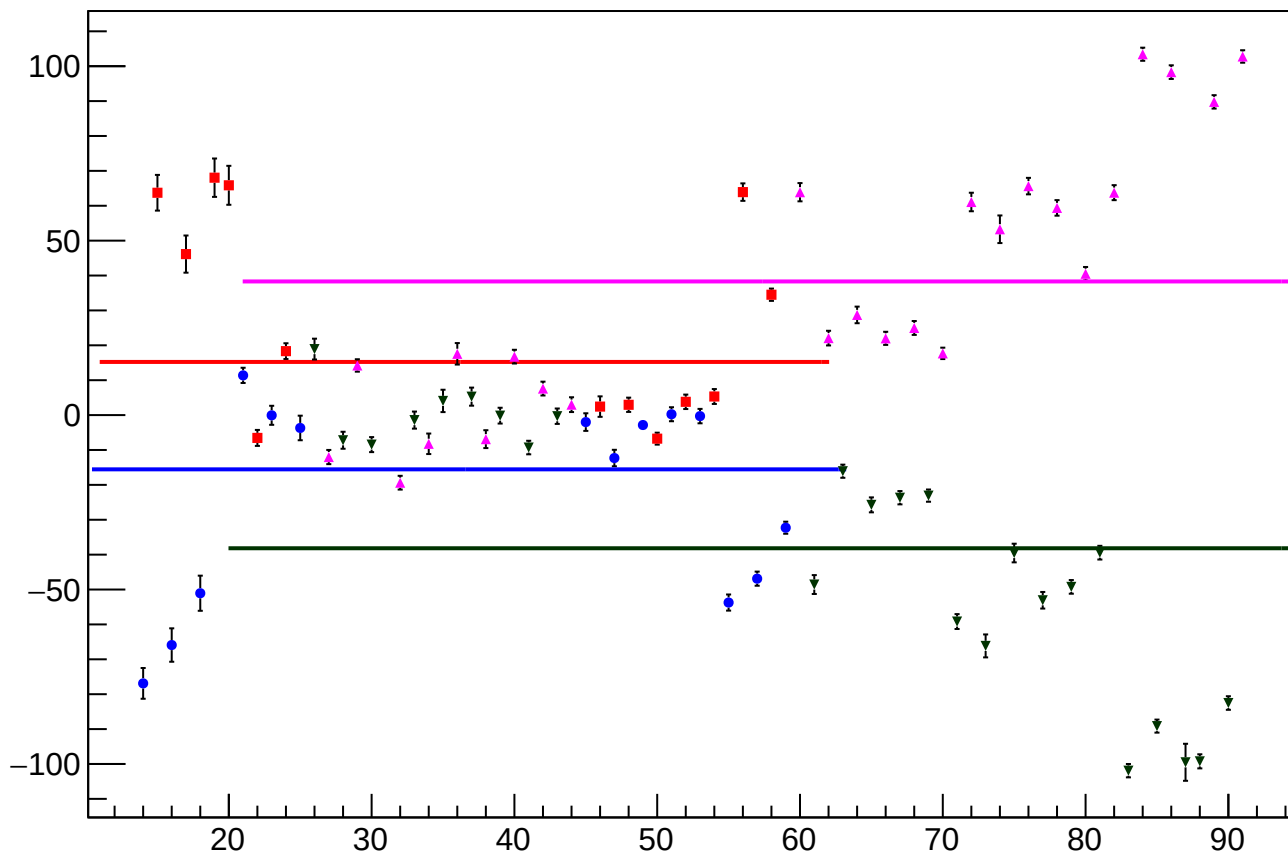
Left Out: 0.251 ± 0.112 $\chi^2/\text{NDF}: 934.7/24$

0.236 ± 0.061 $\chi^2/\text{NDF}: 2811.1/76$

Right Out: 2.983 ± 0.146 $\chi^2/\text{NDF}: 130.0/12$

Left In: 0.777 ± 0.110 $\chi^2/\text{NDF}: 744.5/24$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -15.552 ± 0.598 $\chi^2/\text{NDF}: 1408.5/13$

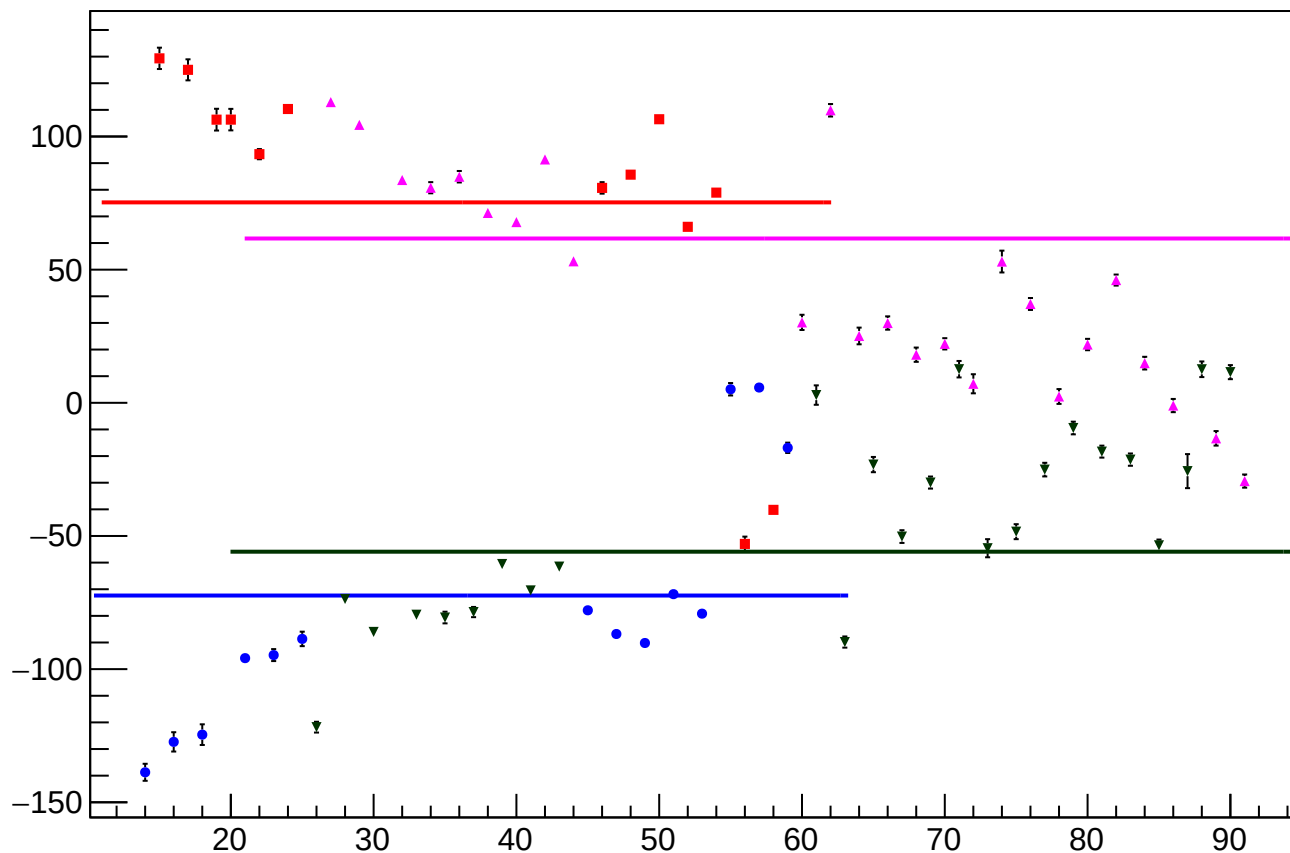
Left Out: -38.170 ± 0.445 $\chi^2/\text{NDF}: 6167.0/24$

Right Out: 15.235 ± 0.681 $\chi^2/\text{NDF}: 1159.4/12$

Left In: 38.305 ± 0.424 $\chi^2/\text{NDF}: 7952.6/24$

0.623 ± 0.253 $\chi^2/\text{NDF}: 33408.3/76$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -72.364 ± 0.488 $\chi^2/\text{NDF}: 5431.3/13$

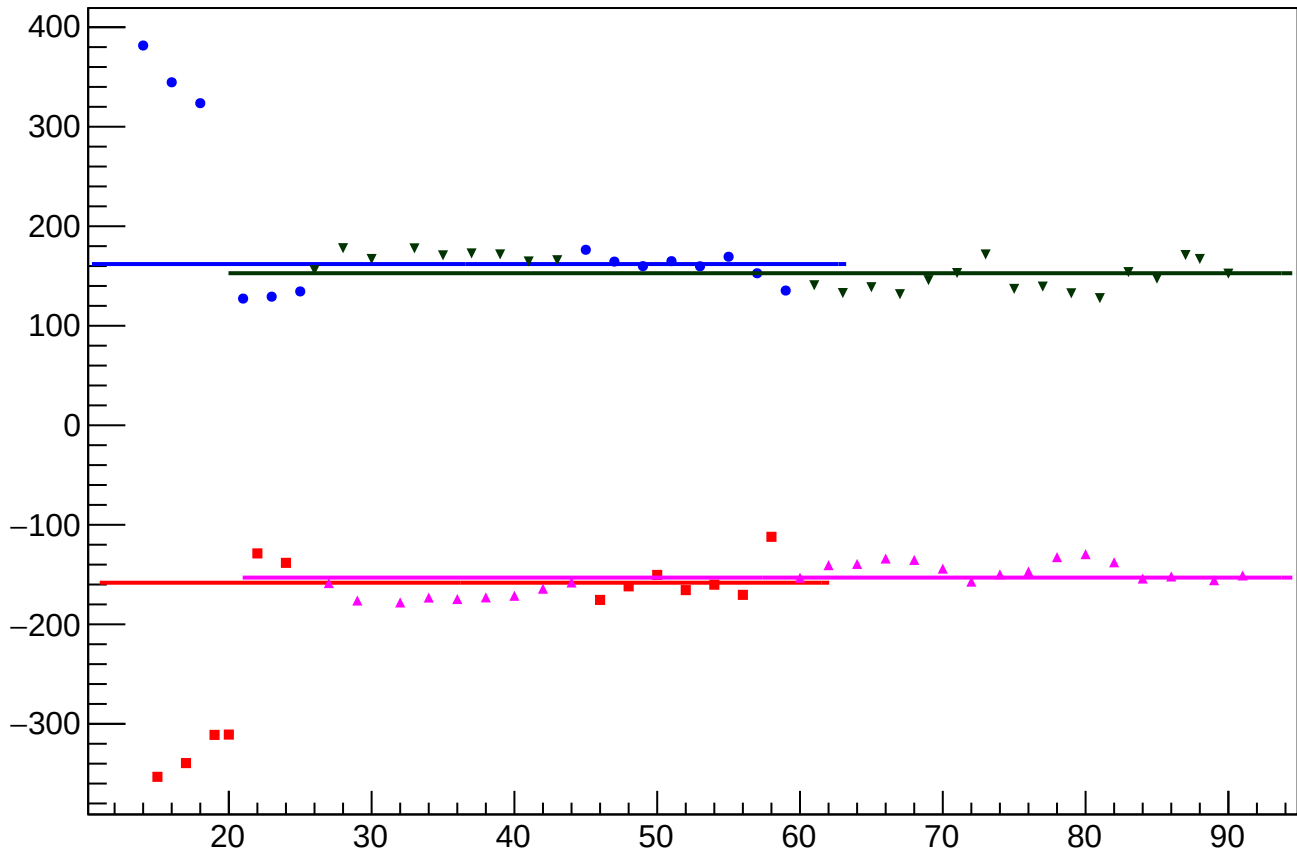
Left Out: -55.904 ± 0.439 $\chi^2/\text{NDF}: 5548.8/24$

Right Out: 75.263 ± 0.542 $\chi^2/\text{NDF}: 7593.0/12$

Left In: 61.702 ± 0.404 $\chi^2/\text{NDF}: 9388.3/24$

2.161 ± 0.230 $\chi^2/\text{NDF}: 108630.8/76$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 162.011 ± 0.108 χ^2/NDF : 157175.7/13

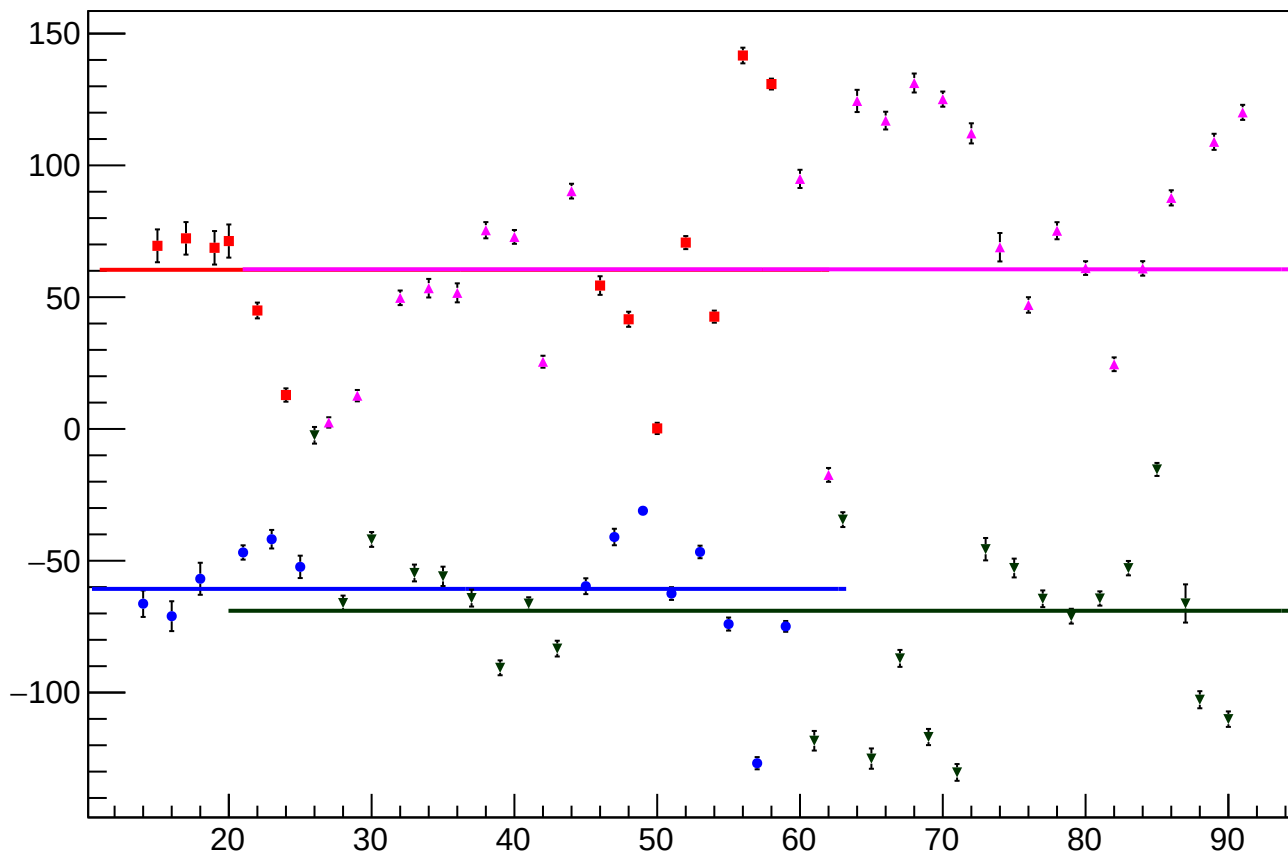
Left Out: 152.809 ± 0.080 χ^2/NDF : 40190.2/24

0.685 ± 0.045 χ^2/NDF : 12150674.8/76

Right Out: -158.192 ± 0.120 χ^2/NDF : 144521.4/12

Left In: -153.041 ± 0.076 χ^2/NDF : 39544.2/24

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -60.675 $\pm$ 0.734 χ^2 /NDF: 1329.1/13

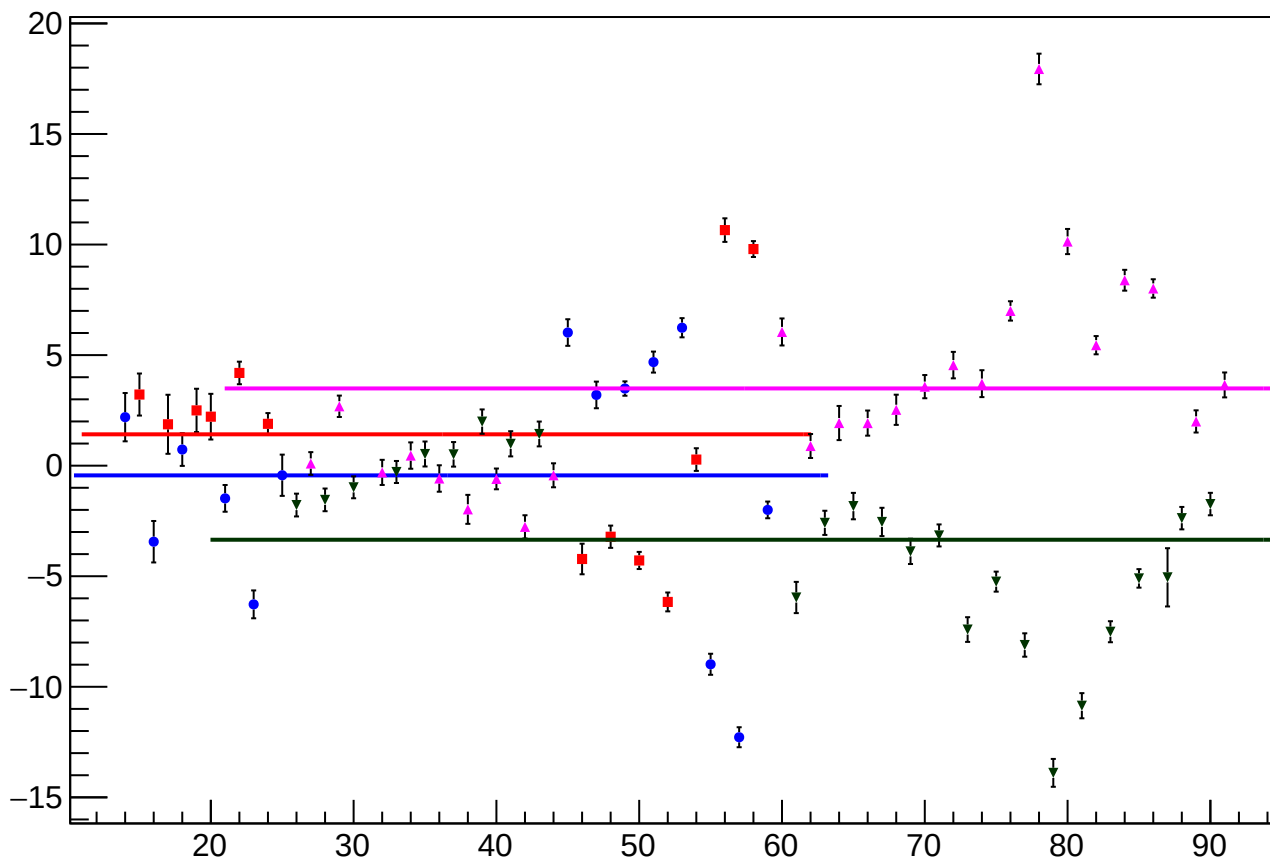
Left Out: -68.979 $\pm$ 0.618 χ^2 /NDF: 2707.2/24

Right Out: 60.382 $\pm$ 0.818 χ^2 /NDF: 3227.2/12

Left In: 60.566 $\pm$ 0.578 χ^2 /NDF: 5357.3/24

-2.462 $\pm$ 0.334 χ^2 /NDF: 48318.1/76

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: -0.440 ± 0.140 χ^2/NDF : 1784.3/13

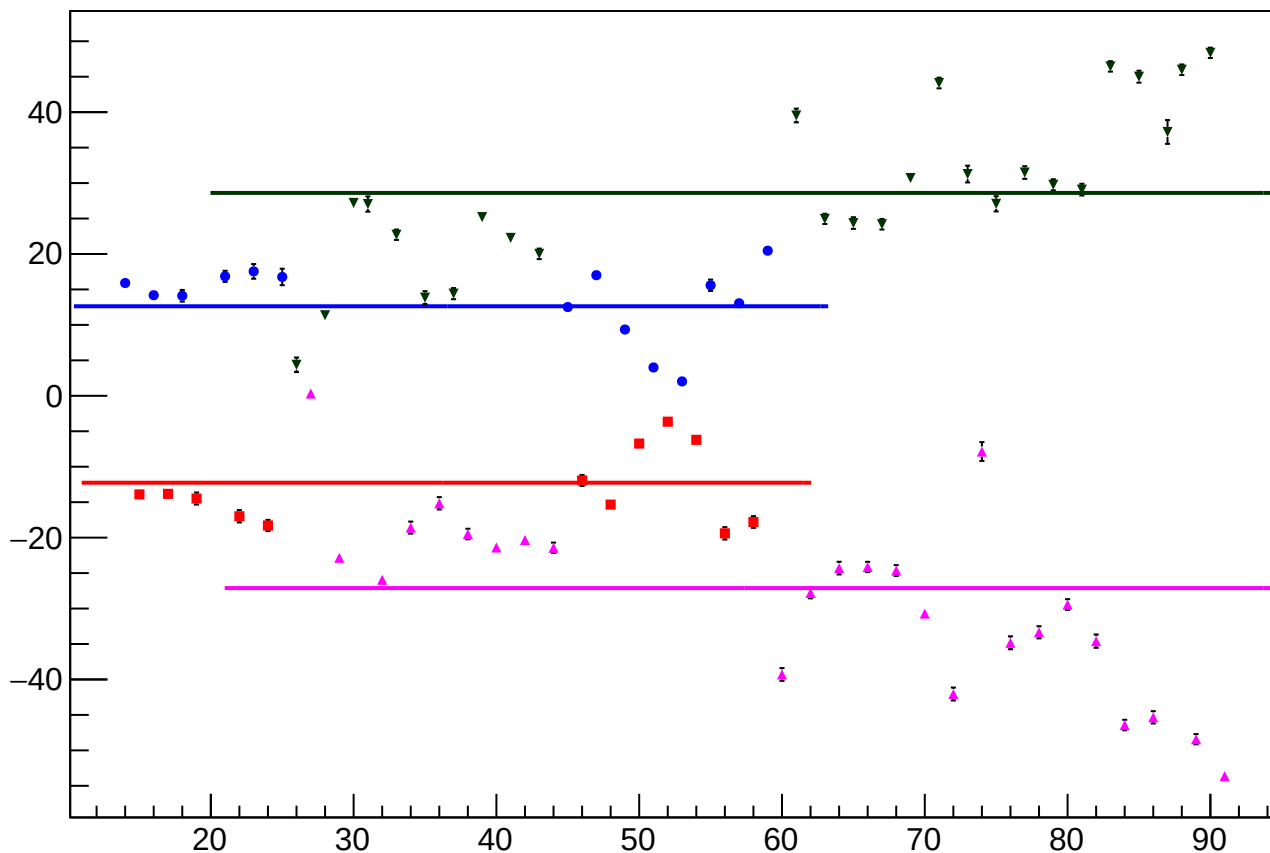
Left Out: -3.350 ± 0.108 χ^2/NDF : 1141.8/24

Right Out: 1.417 ± 0.149 χ^2/NDF : 1568.0/12

Left In: 3.493 ± 0.108 χ^2/NDF : 1454.4/24

0.218 ± 0.061 χ^2/NDF : 8044.4/76

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.627+/-0.173 χ^2/NDF : 845.5/13

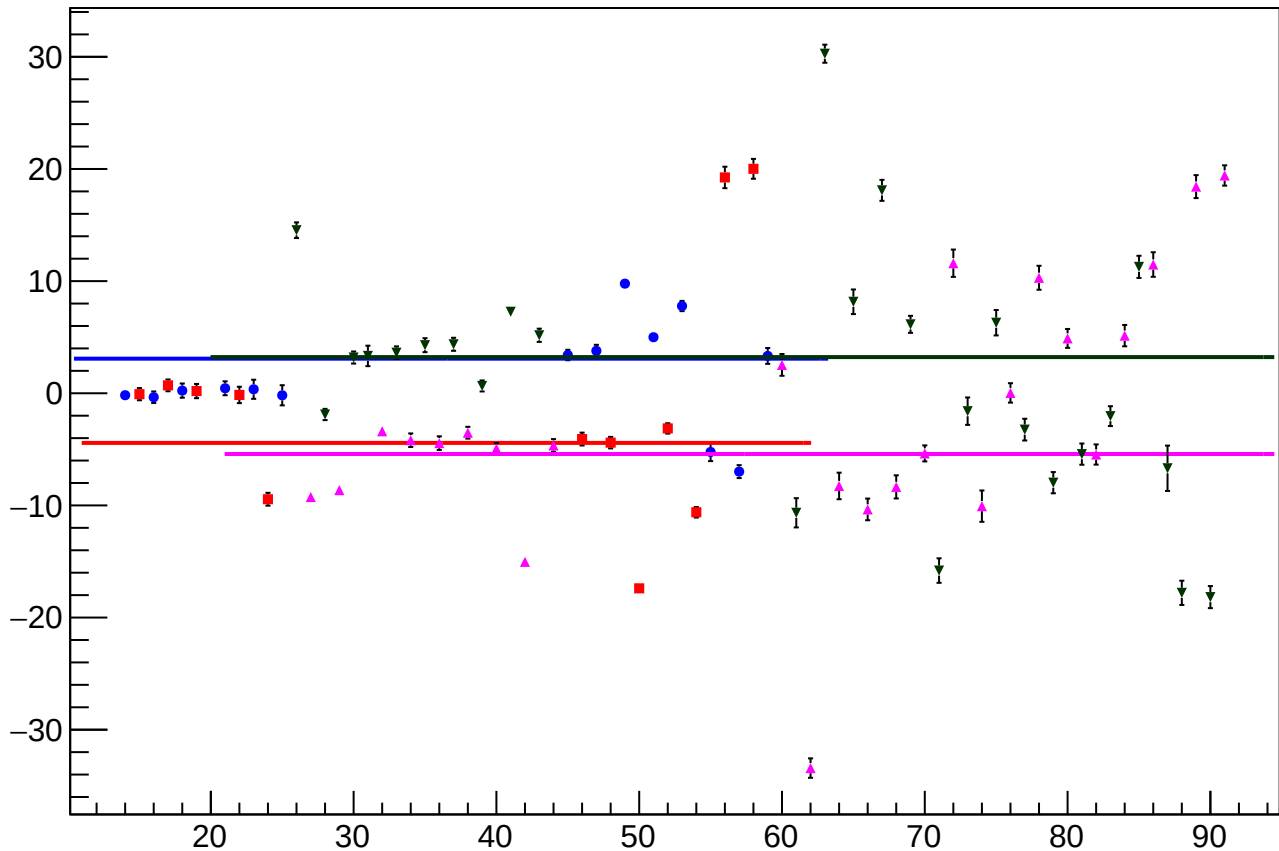
Left Out: 28.612+/-0.155 χ^2/NDF : 5097.0/25

Right Out: -12.256+/-0.208 χ^2/NDF : 588.2/11

Left In: -27.113+/-0.144 χ^2/NDF : 8300.0/24

0.153+/-0.083 χ^2/NDF : 93528.6/76

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.086 $\pm$ 0.137 χ^2 /NDF: 1163.2/13

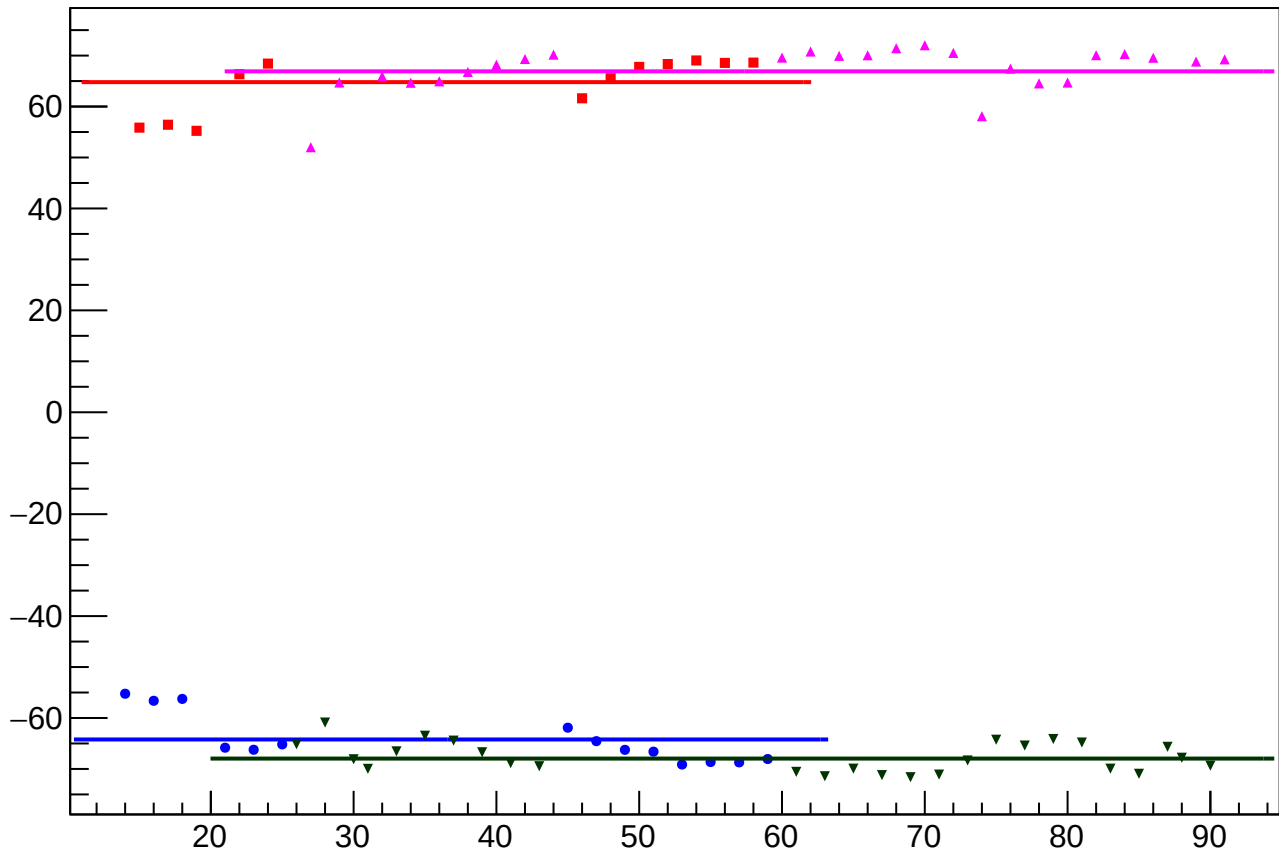
Left Out: 3.226 $\pm$ 0.145 χ^2 /NDF: 3601.5/25

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

-0.917 $\pm$ 0.070 χ^2 /NDF: 15147.8/76

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.216+/-0.032 χ^2/NDF : 21670.3/13

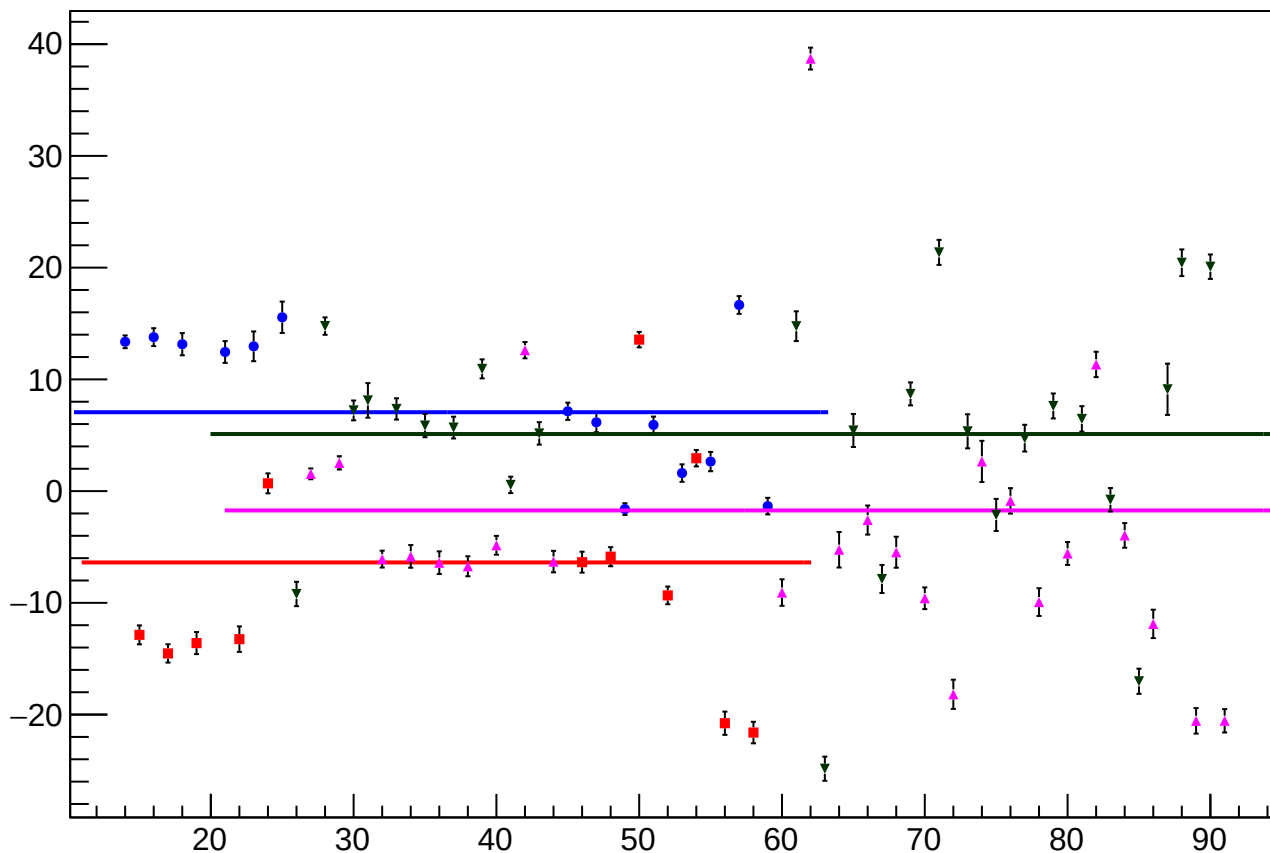
Left Out: -67.964+/-0.027 χ^2/NDF : 11793.3/25

Right Out: 64.790+/-0.037 χ^2/NDF : 17380.1/11

Left In: 66.906+/-0.026 χ^2/NDF : 38925.5/24

-1.476+/-0.015 χ^2/NDF : 20308279.2/76

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.060 ± 0.211 χ^2/NDF : 942.0/13

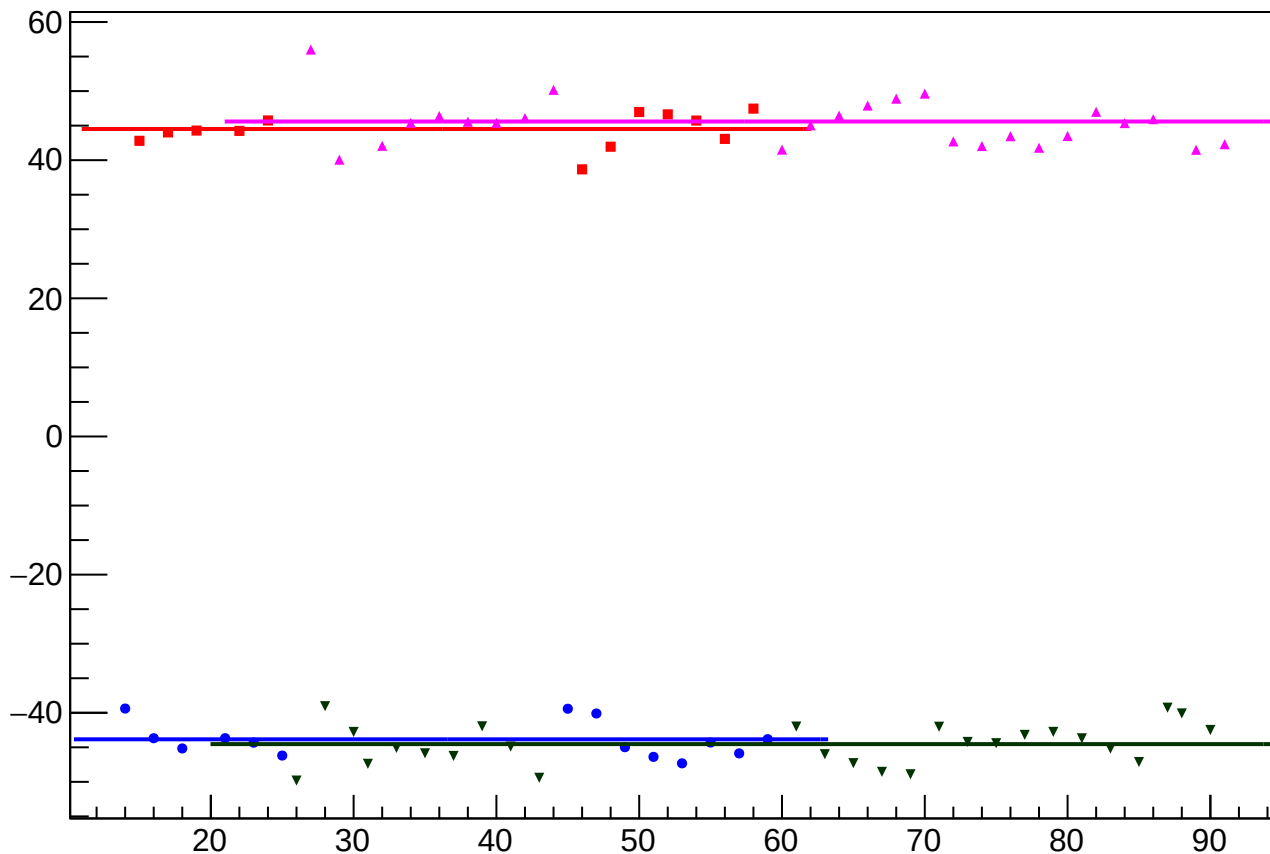
Left Out: 5.108 ± 0.212 χ^2/NDF : 2381.3/25

Right Out: -6.383 ± 0.250 χ^2/NDF : 1752.4/11

Left In: -1.729 ± 0.189 χ^2/NDF : 3470.0/24

1.388 ± 0.106 χ^2/NDF : 10814.8/76

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.842 $\pm$ 0.040 χ^2 /NDF: 3957.7/13

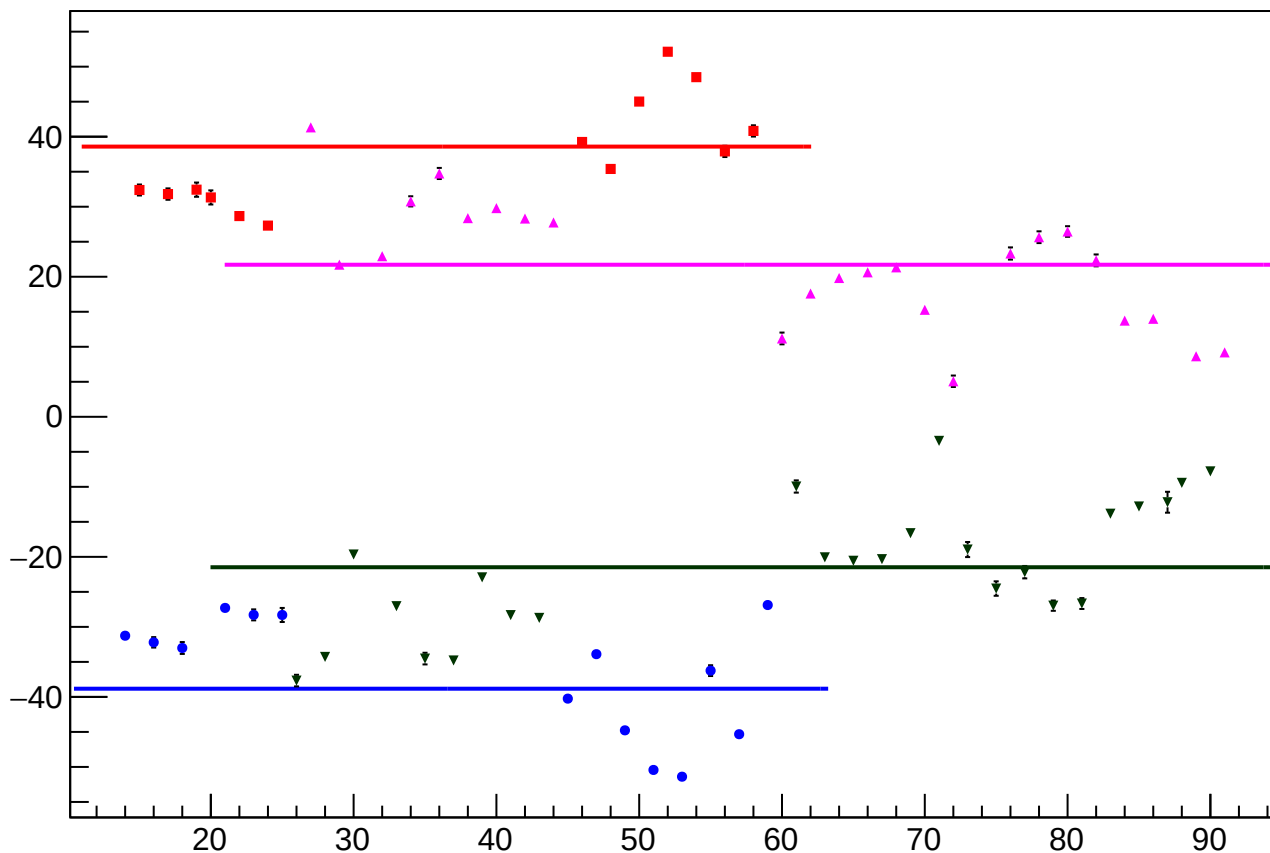
Left Out: -44.536 $\pm$ 0.037 χ^2 /NDF: 6084.3/25

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

-1.517 $\pm$ 0.020 χ^2 /NDF: 5153158.2/76

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.829 $\pm$ 0.160 χ^2 /NDF: 2708.3/13

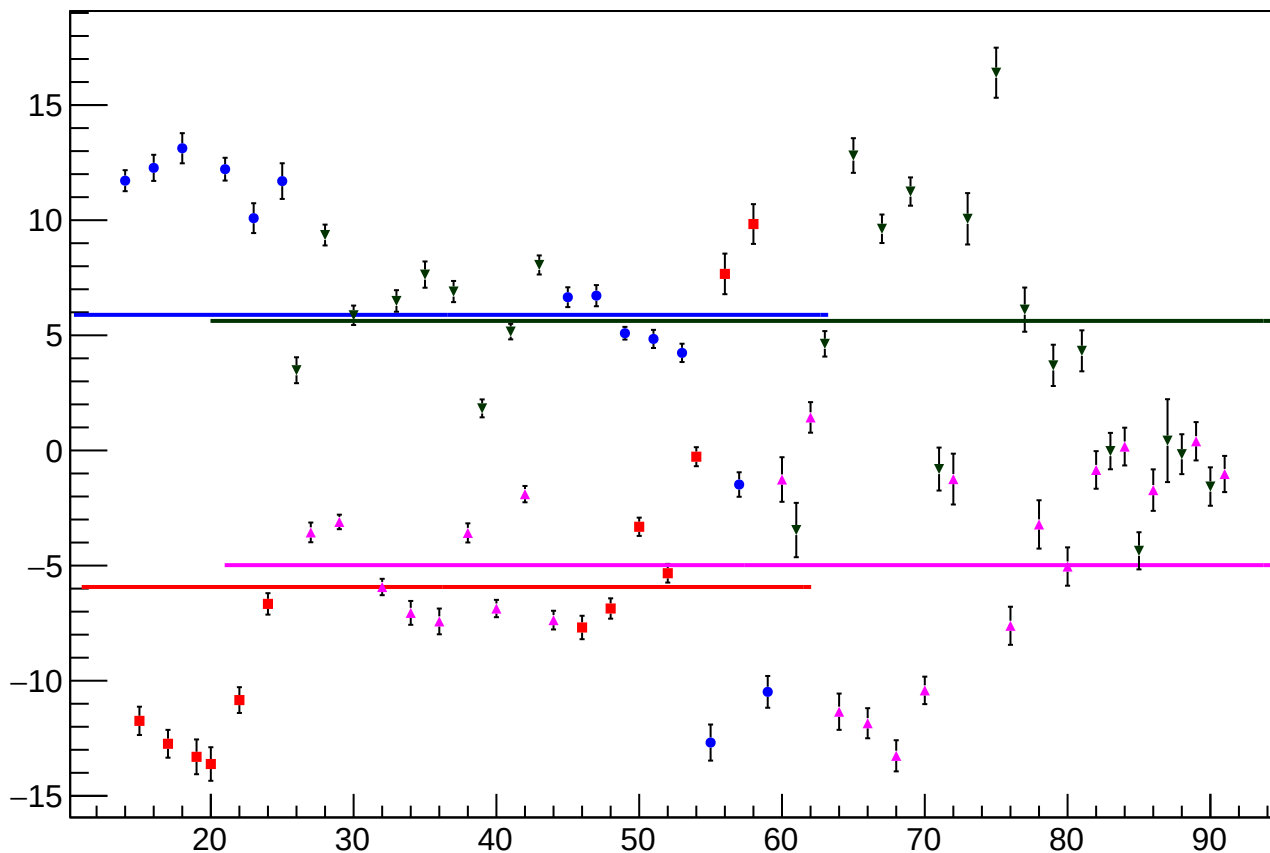
Left Out: -21.484 $\pm$ 0.126 χ^2 /NDF: 4469.8/24

Right Out: 38.586 $\pm$ 0.190 χ^2 /NDF: 1749.8/12

Left In: 21.715 $\pm$ 0.120 χ^2 /NDF: 4118.9/23

-1.432 $\pm$ 0.071 χ^2 /NDF: 174093.3/75

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 5.889 ± 0.127 χ^2/NDF : 2029.4/13

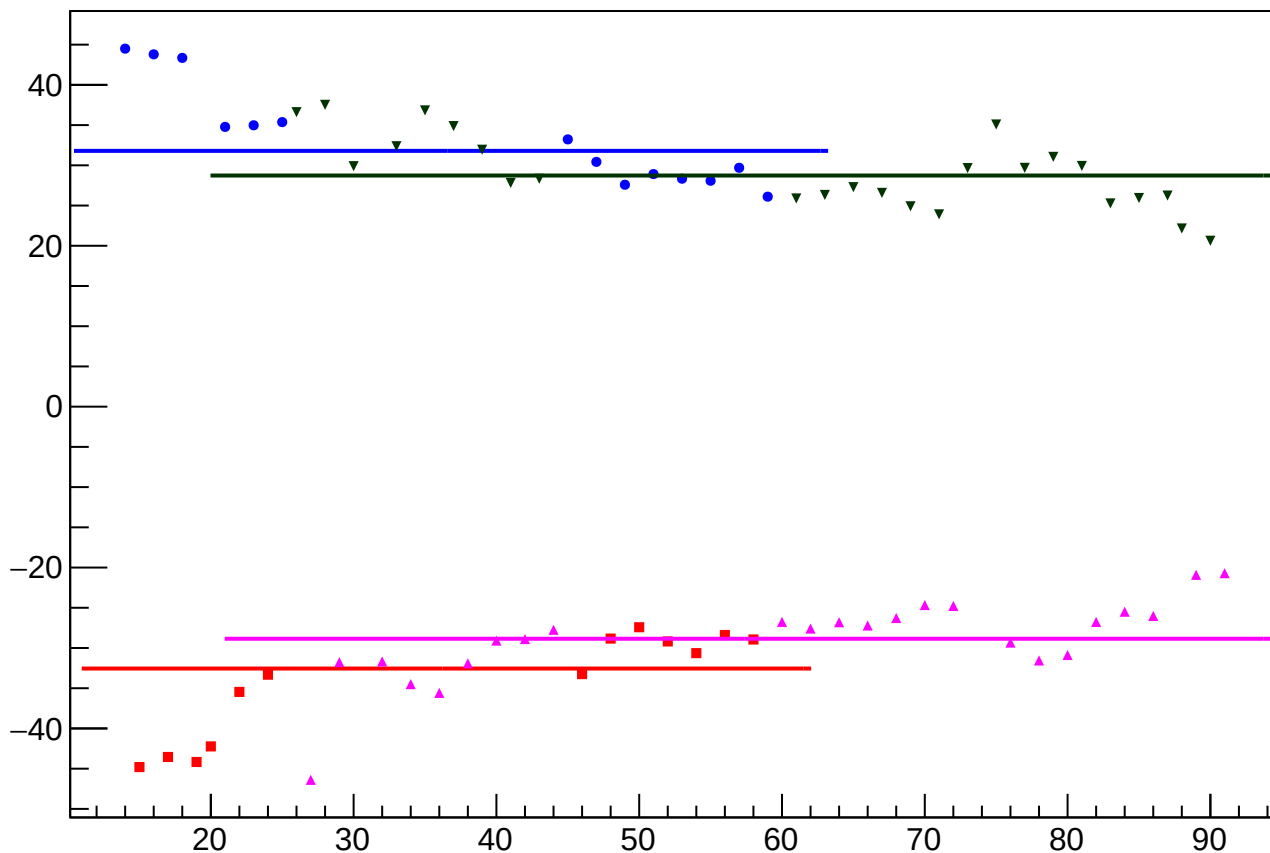
Left Out: 5.626 ± 0.119 χ^2/NDF : 1016.8/24

0.304 ± 0.062 χ^2/NDF : 13310.9/75

Right Out: -5.929 ± 0.146 χ^2/NDF : 1323.4/12

Left In: -4.981 ± 0.111 χ^2/NDF : 922.2/23

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 31.796 $\pm$ 0.029 χ^2 /NDF: 34400.6/13

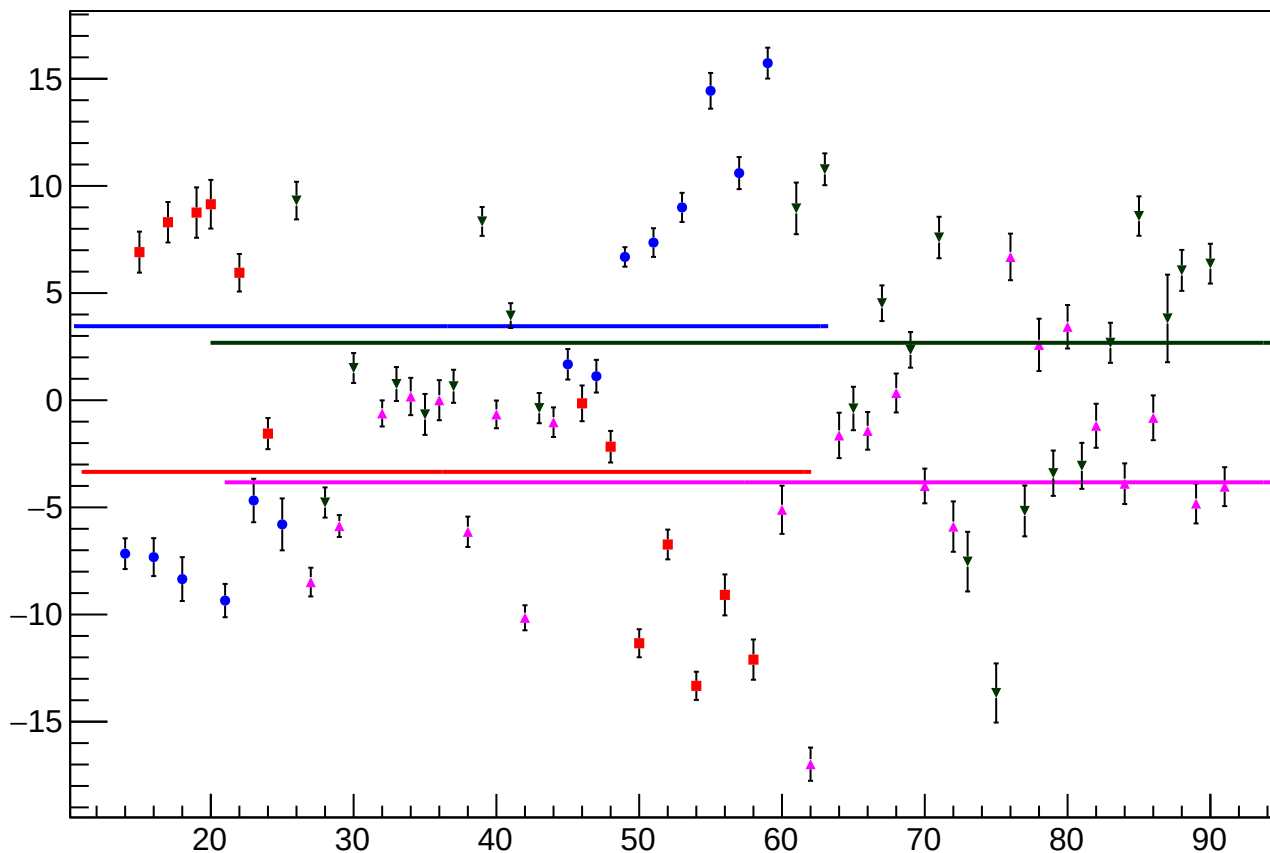
Left Out: 28.732 $\pm$ 0.022 χ^2 /NDF: 36769.8/24

Right Out: -32.552 $\pm$ 0.034 χ^2 /NDF: 25164.5/12

Left In: -28.850 $\pm$ 0.021 χ^2 /NDF: 47094.7/23

0.406 $\pm$ 0.013 χ^2 /NDF: 5815096.8/75

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 3.454 ± 0.198 χ^2/NDF : 1616.0/13

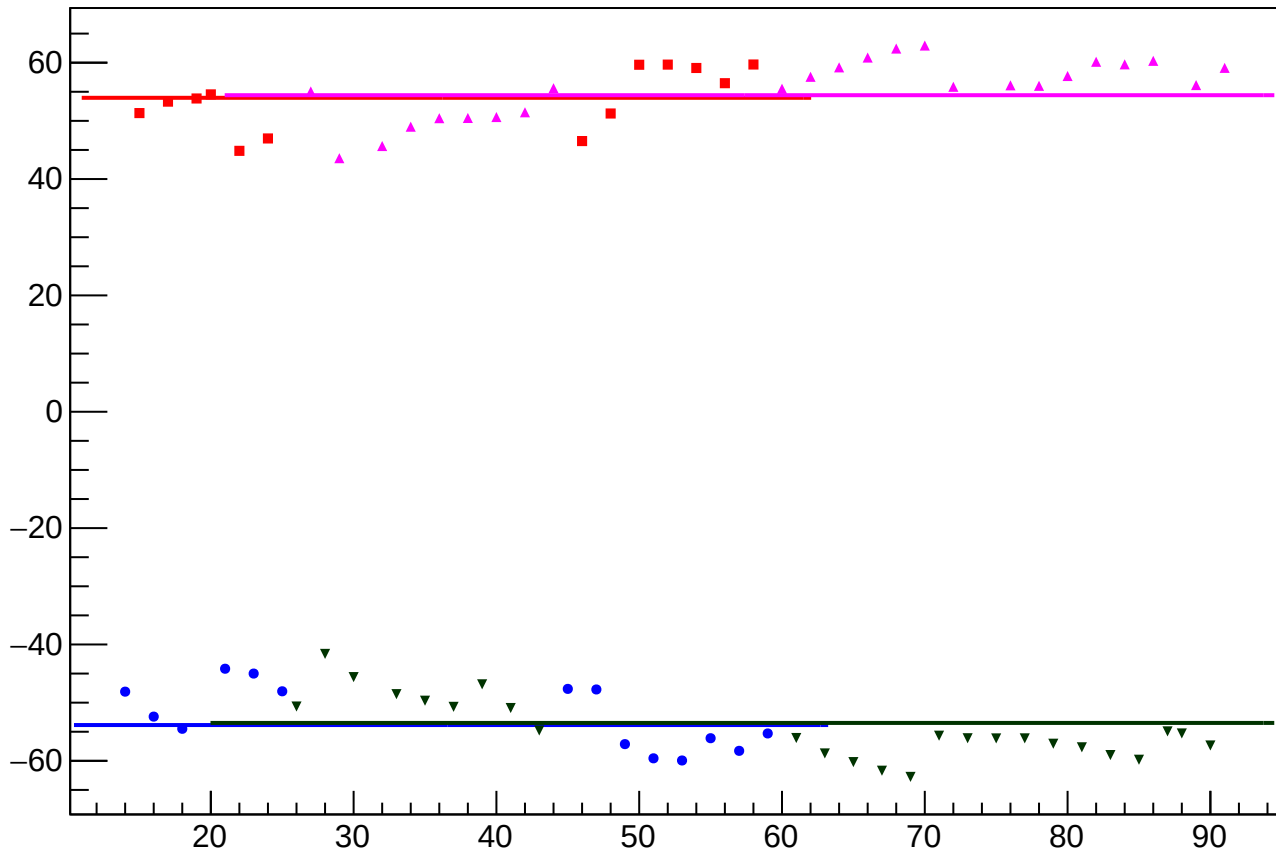
Left Out: 2.680 ± 0.175 χ^2/NDF : 846.8/24

Right Out: -3.344 ± 0.229 χ^2/NDF : 1156.6/12

Left In: -3.831 ± 0.165 χ^2/NDF : 811.6/23

-0.247 ± 0.094 χ^2/NDF : 5714.7/75

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -53.848 $\pm$ 0.037 χ^2 /NDF: 18030.1/13

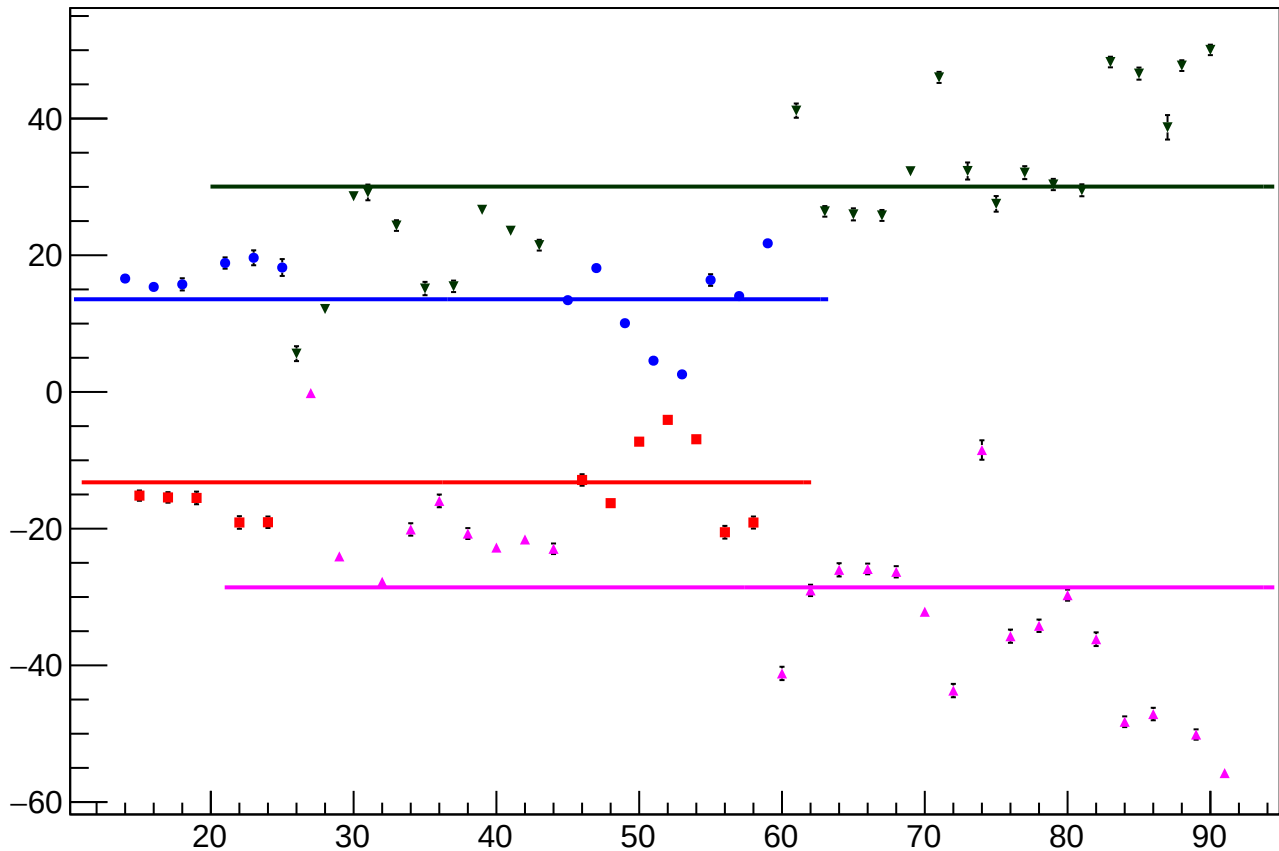
Left Out: -53.484 $\pm$ 0.031 χ^2 /NDF: 32783.5/24

Right Out: 53.963 $\pm$ 0.042 χ^2 /NDF: 16248.4/12

Left In: 54.411 $\pm$ 0.032 χ^2 /NDF: 31543.6/23

-2.414 $\pm$ 0.017 χ^2 /NDF: 9759357.1/75

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.561 $\pm$ 0.185 χ^2 /NDF: 827.1/13

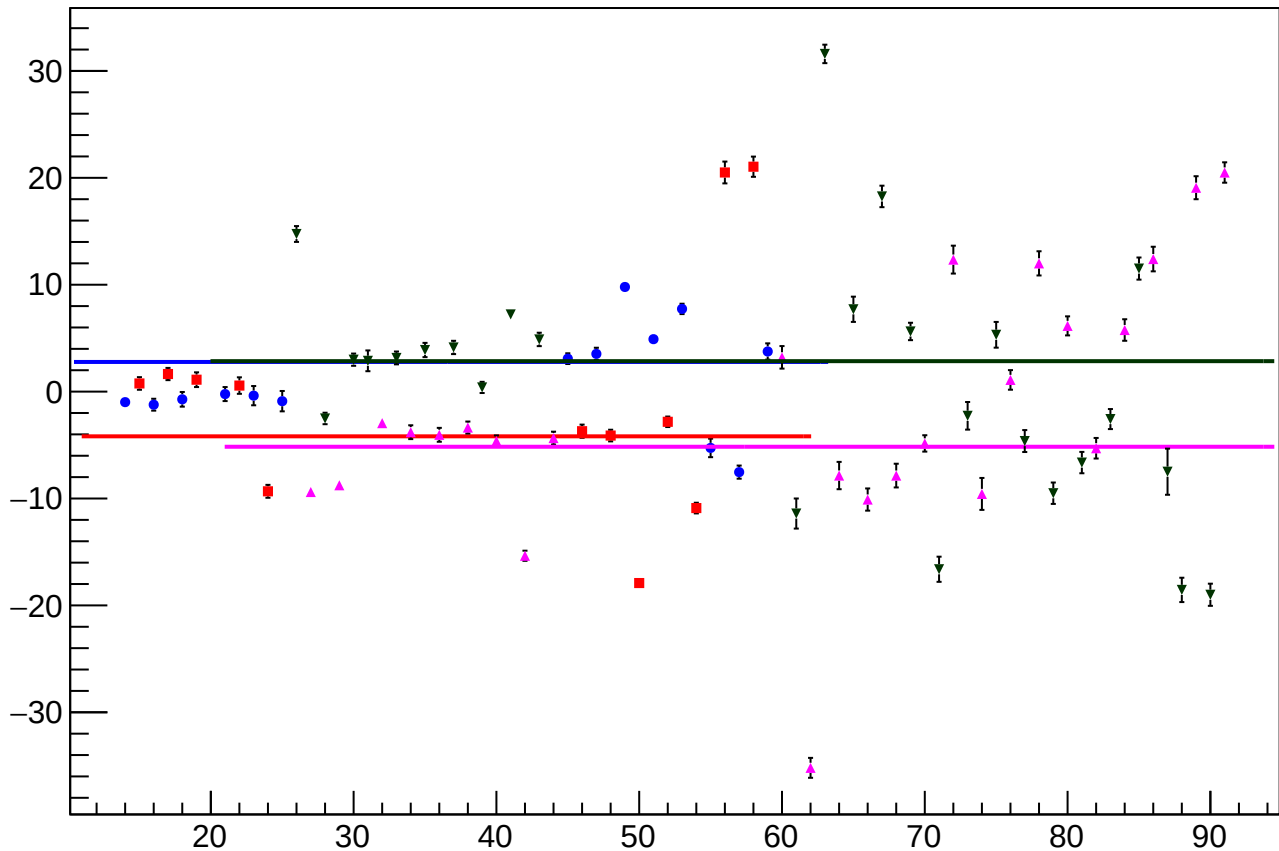
Left Out: 30.046 $\pm$ 0.165 χ^2 /NDF: 4670.9/25

Right Out: -13.222 $\pm$ 0.222 χ^2 /NDF: 584.7/11

Left In: -28.588 $\pm$ 0.153 χ^2 /NDF: 7691.0/24

0.151 $\pm$ 0.088 χ^2 /NDF: 90812.1/76

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 2.775 ± 0.146 $\chi^2/\text{NDF}: 1143.9/13$

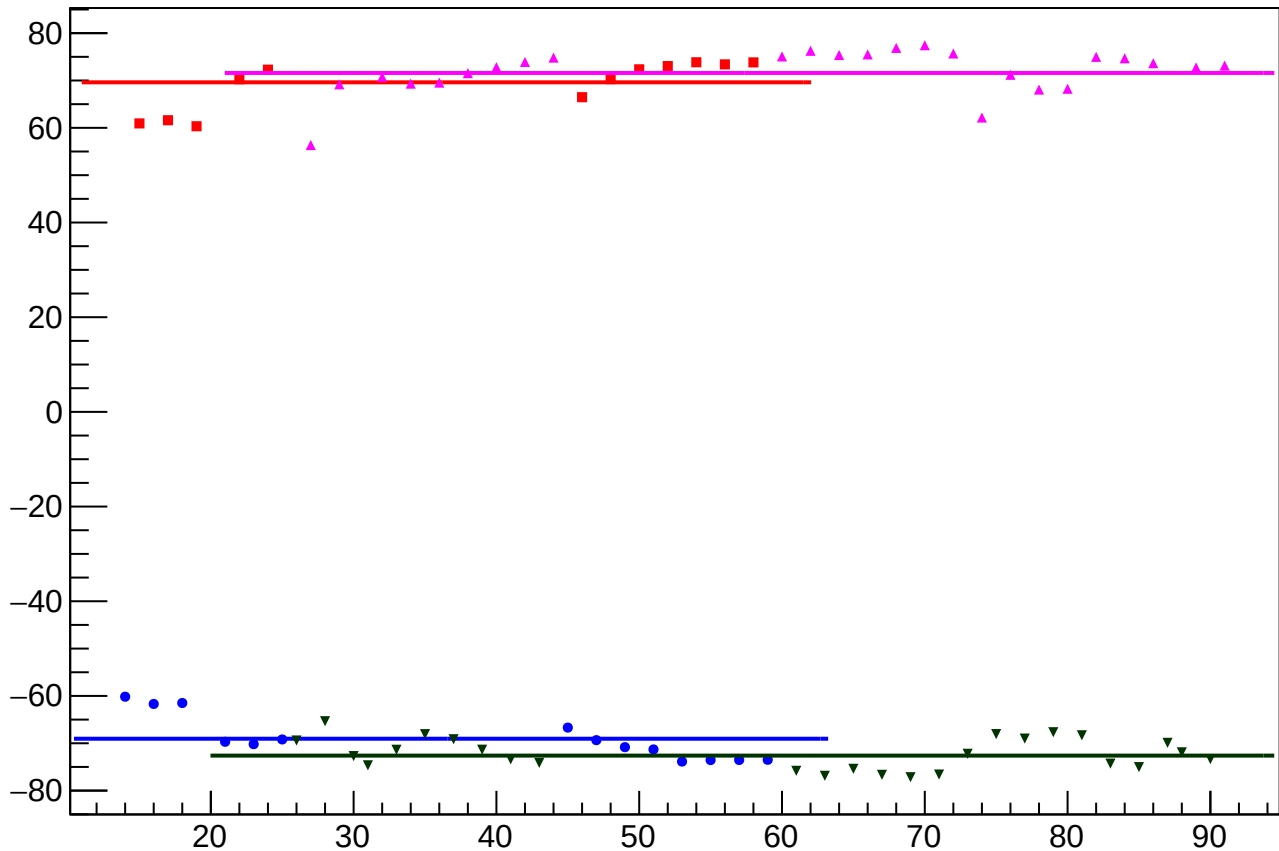
Left Out: 2.849 ± 0.154 $\chi^2/\text{NDF}: 3474.2/25$

Right Out: -4.183 ± 0.172 $\chi^2/\text{NDF}: 2779.6/11$

Left In: -5.158 ± 0.136 $\chi^2/\text{NDF}: 4093.0/24$

-0.963 ± 0.075 $\chi^2/\text{NDF}: 14055.1/76$

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -69.040 ± 0.034 χ^2/NDF : 18008.4/13

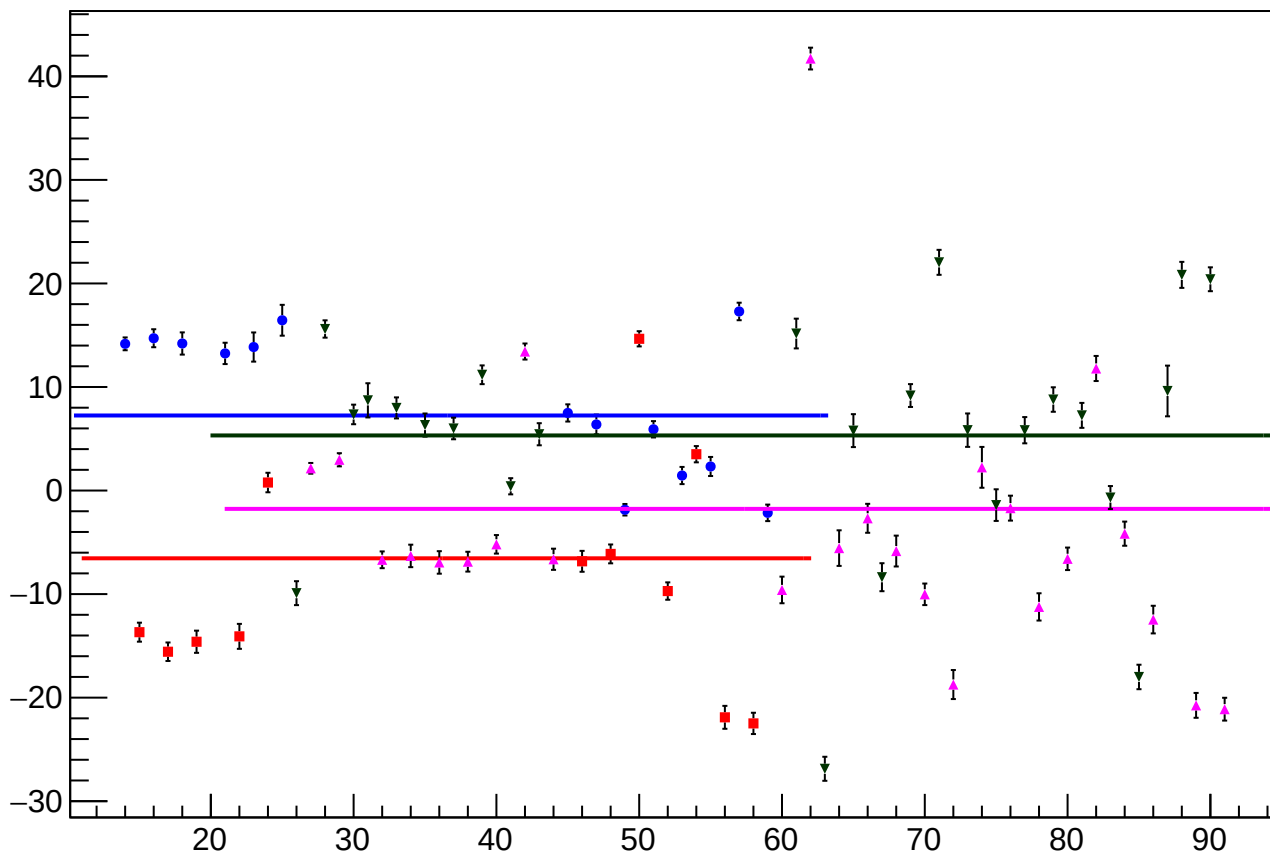
Left Out: -72.606 ± 0.029 χ^2/NDF : 13051.0/25

Right Out: 69.615 ± 0.040 χ^2/NDF : 13986.8/11

Left In: 71.592 ± 0.027 χ^2/NDF : 37241.3/24

-1.599 ± 0.016 χ^2/NDF : 20445273.4/76

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 7.248 ± 0.225 χ^2/NDF : 963.1/13

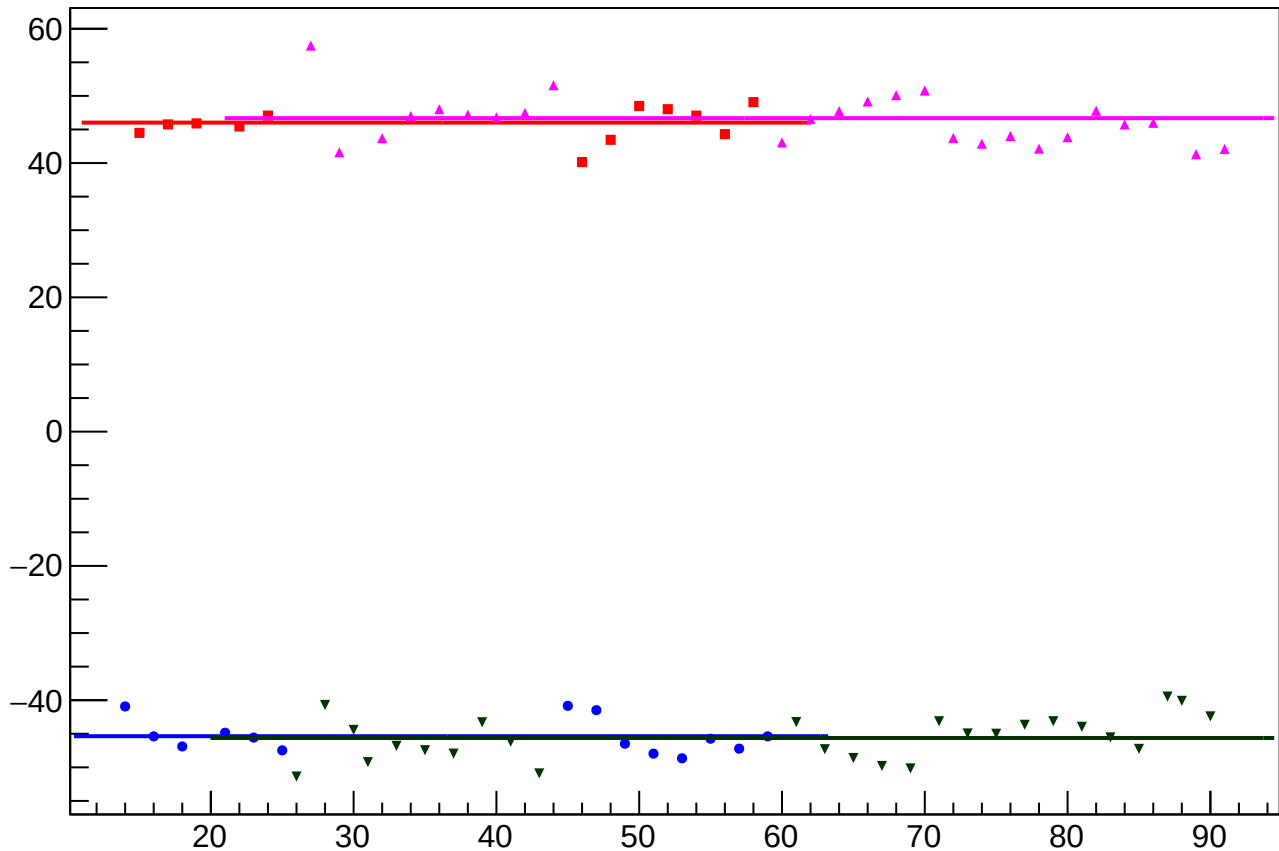
Left Out: 5.321 ± 0.225 χ^2/NDF : 2323.3/25

Right Out: -6.545 ± 0.268 χ^2/NDF : 1763.1/11

Left In: -1.770 ± 0.202 χ^2/NDF : 3436.2/24

1.447 ± 0.113 χ^2/NDF : 10589.7/76

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.362 ± 0.043 χ^2/NDF : 3424.0/13

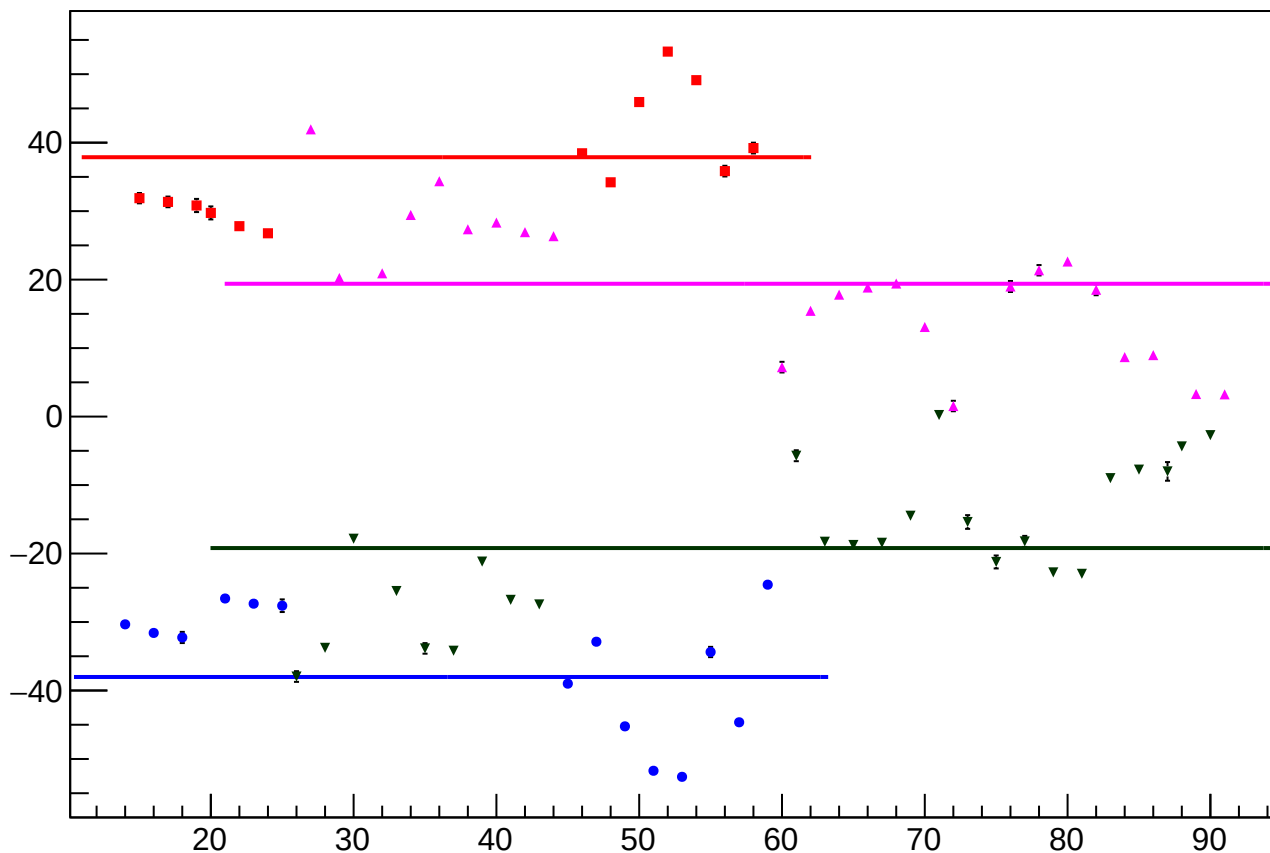
Left Out: -45.626 ± 0.040 χ^2/NDF : 6072.2/25

Right Out: 46.024 ± 0.048 χ^2/NDF : 2225.5/11

Left In: 46.687 ± 0.039 χ^2/NDF : 11852.2/24

-1.595 ± 0.021 χ^2/NDF : 4785862.8/76

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -38.026 ± 0.153 $\chi^2/\text{NDF}: 3608.1/13$

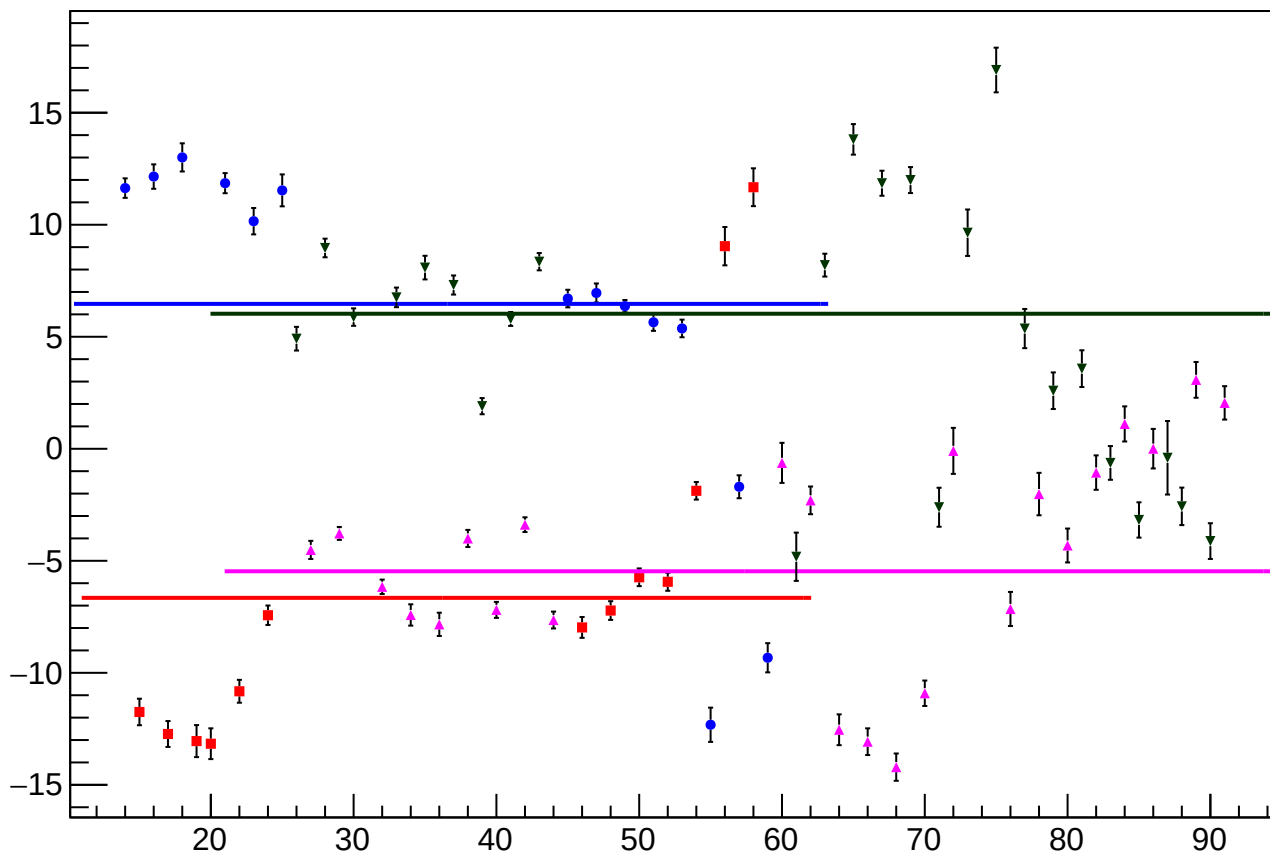
Left Out: -19.199 ± 0.117 $\chi^2/\text{NDF}: 6643.1/24$

Right Out: 37.873 ± 0.181 $\chi^2/\text{NDF}: 2275.6/12$

Left In: 19.394 ± 0.111 $\chi^2/\text{NDF}: 6280.8/23$

-1.310 ± 0.066 $\chi^2/\text{NDF}: 180772.9/75$

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 6.468 ± 0.122 χ^2/NDF : 2051.7/13

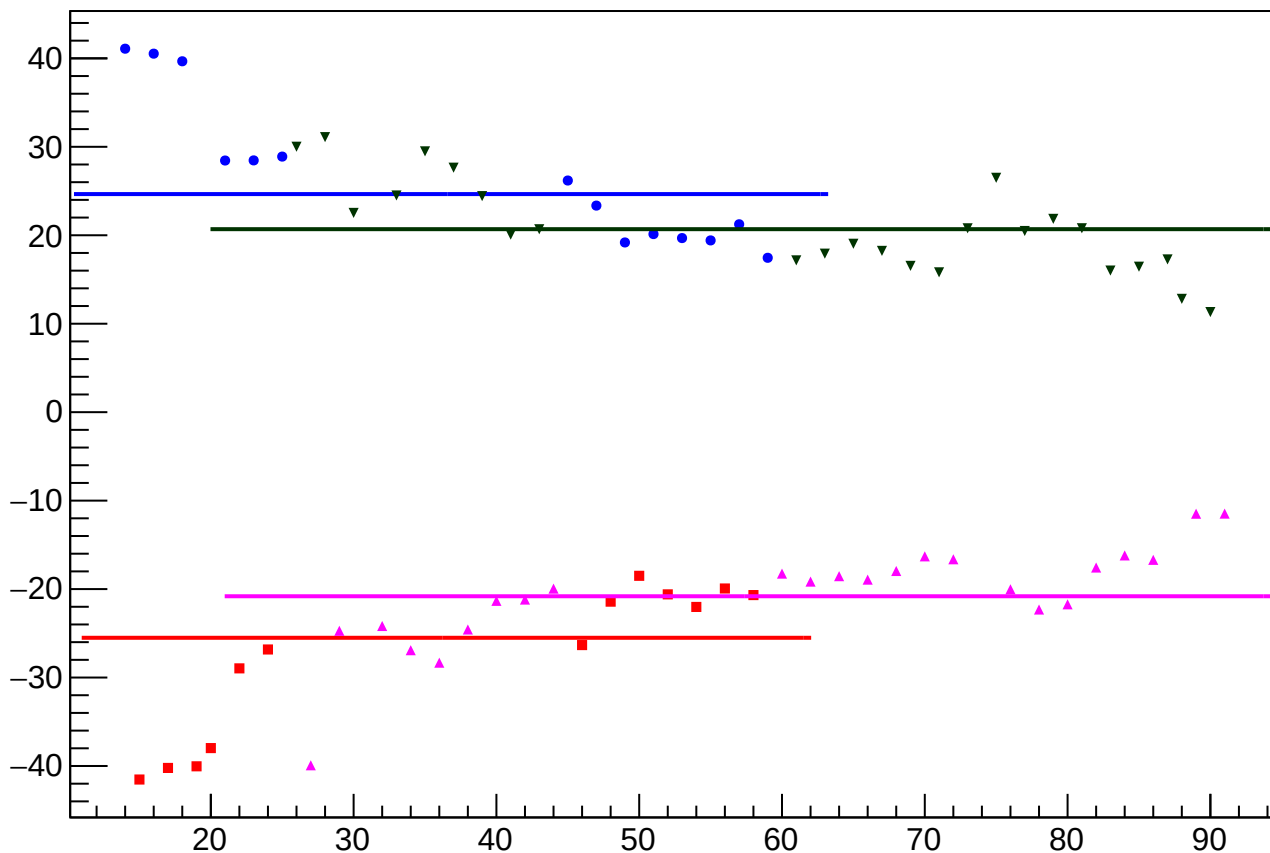
Left Out: 6.028 ± 0.110 χ^2/NDF : 1467.4/24

0.244 ± 0.058 χ^2/NDF : 17053.1/75

Right Out: -6.653 ± 0.140 χ^2/NDF : 1399.3/12

Left In: -5.467 ± 0.103 χ^2/NDF : 1221.1/23

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 24.655 $\pm$ 0.028 χ^2 /NDF: 64174.3/13

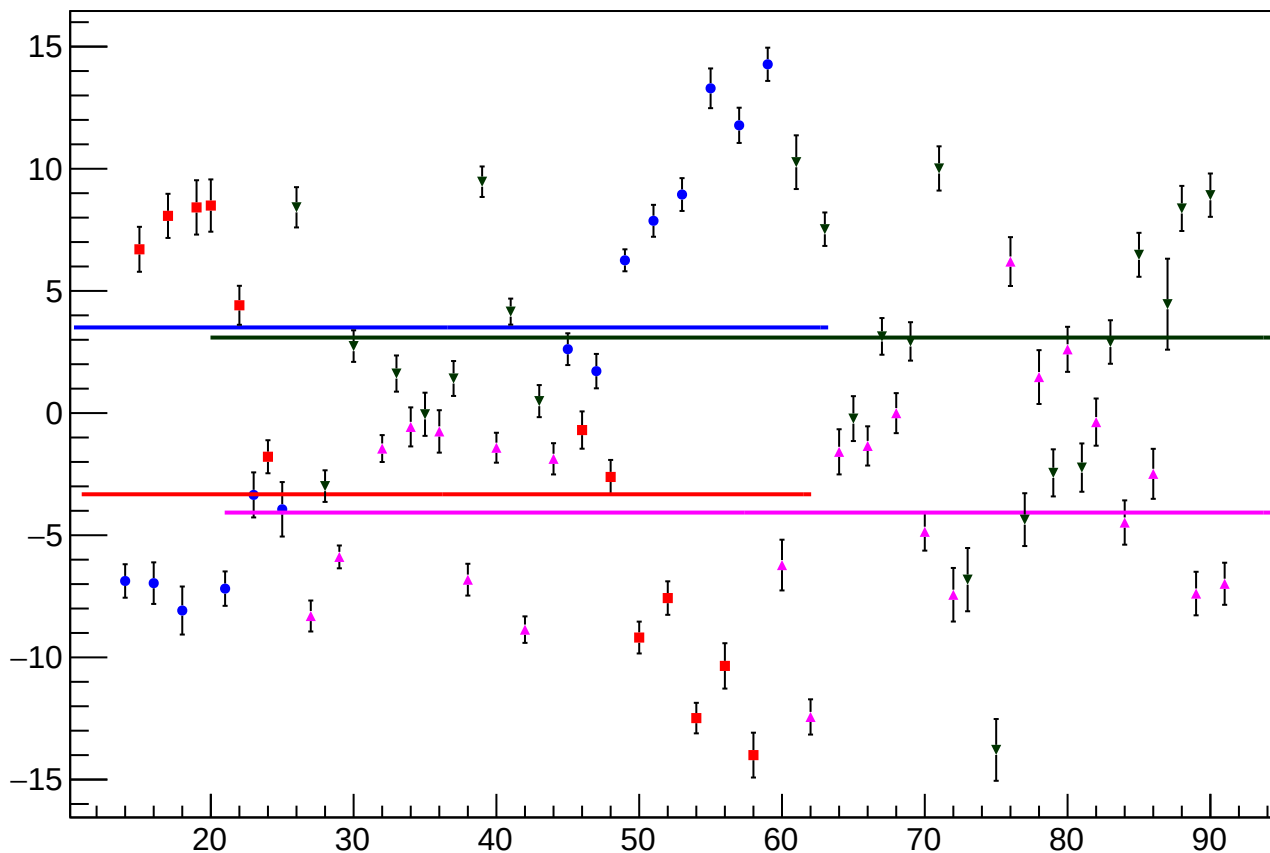
Left Out: 20.689 $\pm$ 0.020 χ^2 /NDF: 55482.8/24

0.211 $\pm$ 0.012 χ^2 /NDF: 3809876.3/75

Right Out: -25.506 $\pm$ 0.032 χ^2 /NDF: 47177.7/12

Left In: -20.811 $\pm$ 0.019 χ^2 /NDF: 68057.2/23

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 3.505 ± 0.189 $\chi^2/\text{NDF}: 1532.5/13$

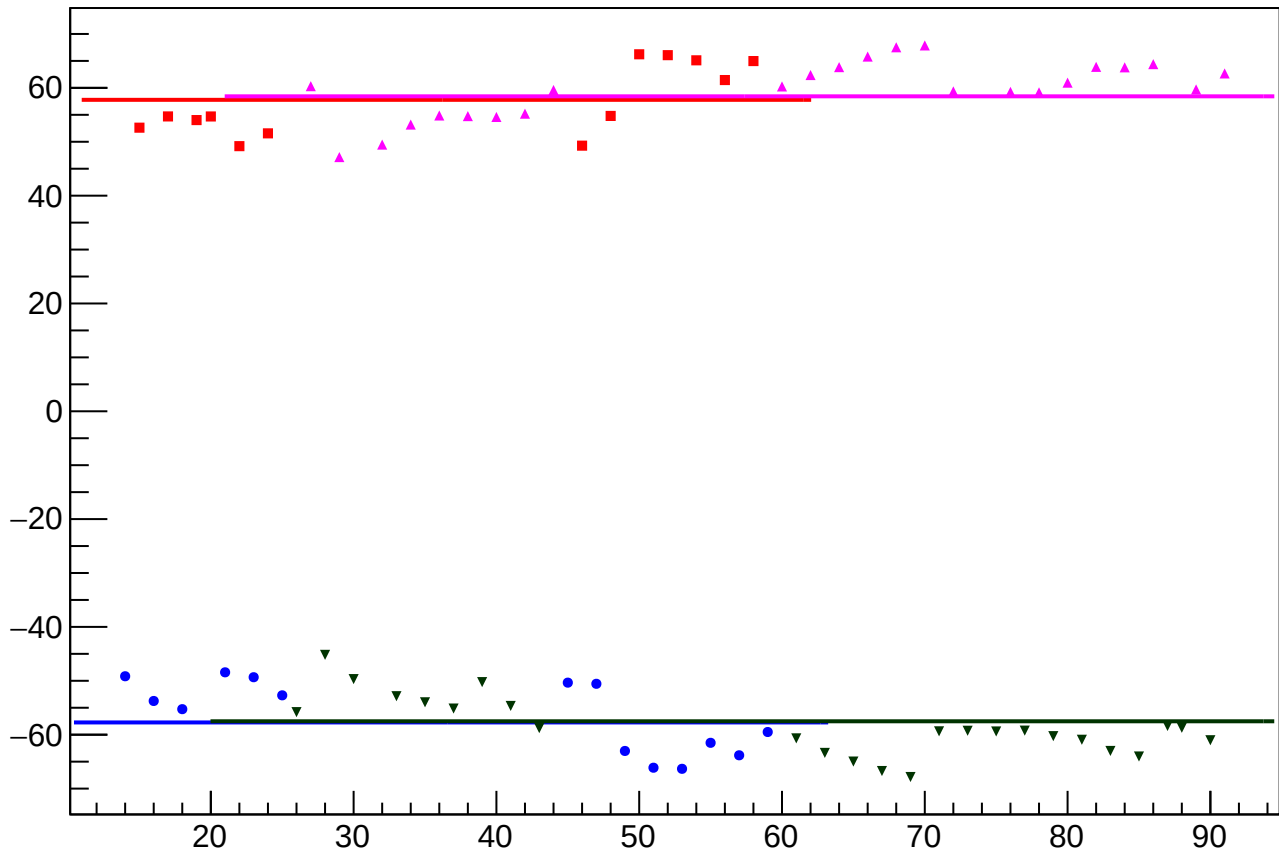
Left Out: 3.091 ± 0.162 $\chi^2/\text{NDF}: 869.6/24$

-0.214 ± 0.088 $\chi^2/\text{NDF}: 5851.9/75$

Right Out: -3.324 ± 0.218 $\chi^2/\text{NDF}: 1150.1/12$

Left In: -4.073 ± 0.153 $\chi^2/\text{NDF}: 661.3/23$

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.726 $\pm$ 0.036 χ^2 /NDF: 32565.1/13

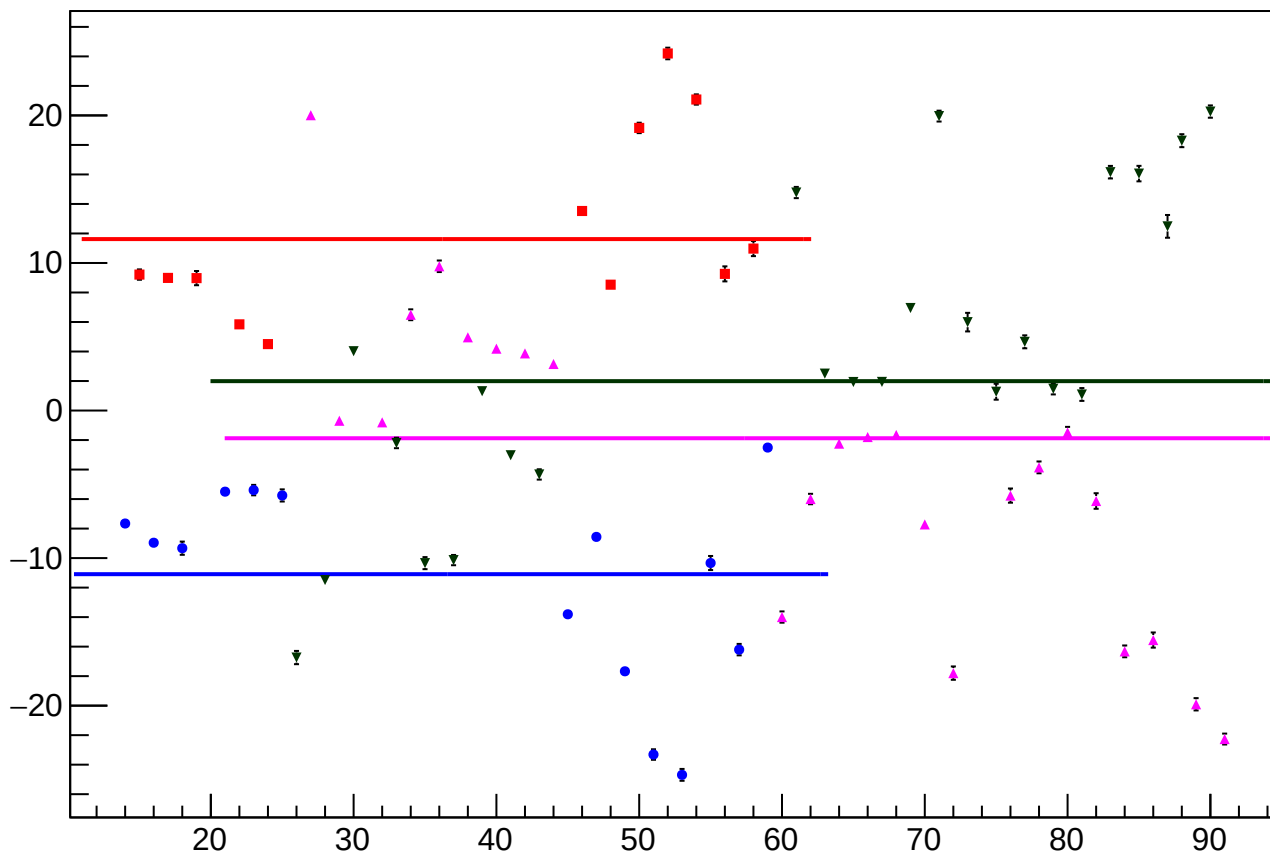
Left Out: -57.511 $\pm$ 0.029 χ^2 /NDF: 40537.1/24

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

-2.473 $\pm$ 0.016 χ^2 /NDF: 12716260.3/75

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -11.090 ± 0.084 $\chi^2/\text{NDF}: 5391.6/13$

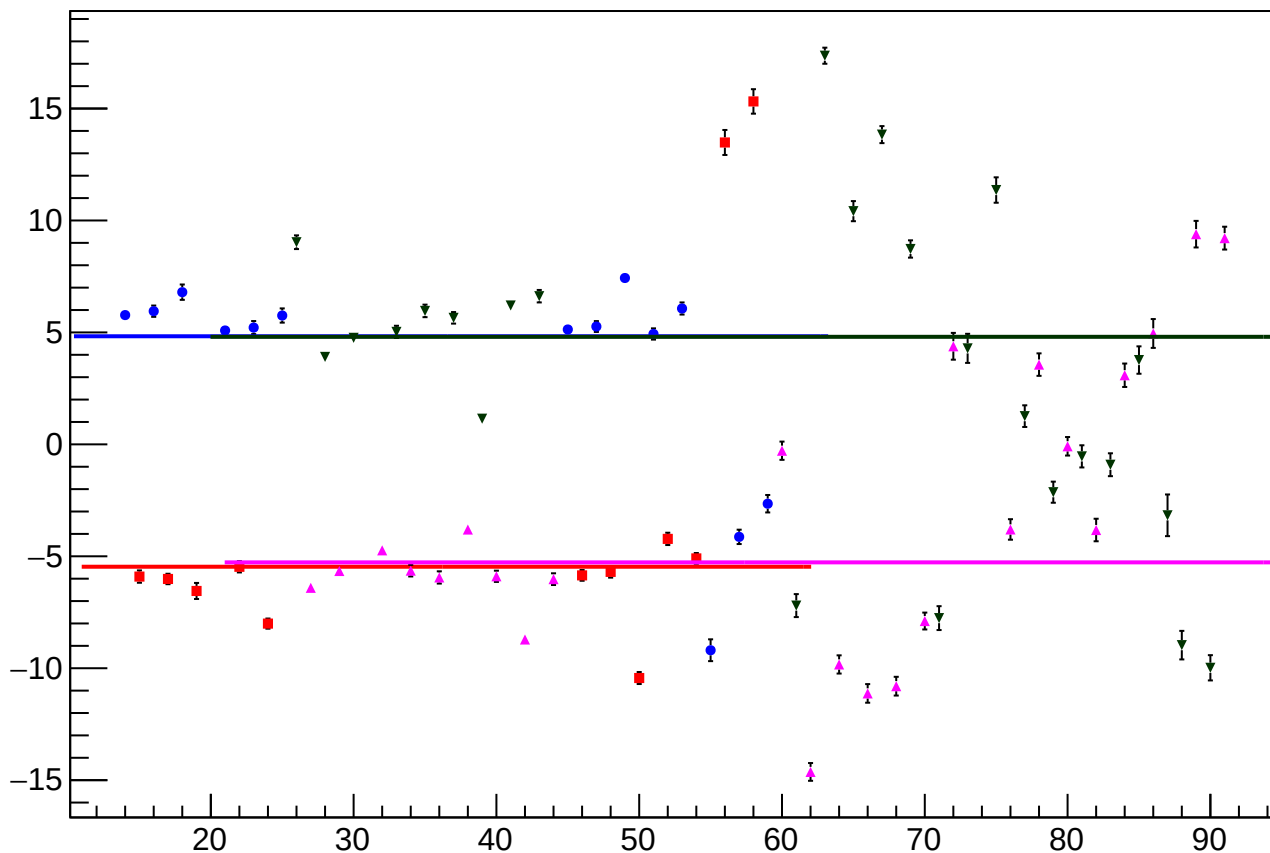
Left Out: 1.992 ± 0.073 $\chi^2/\text{NDF}: 16901.3/24$

Right Out: 11.619 ± 0.103 $\chi^2/\text{NDF}: 3394.6/11$

Left In: -1.878 ± 0.066 $\chi^2/\text{NDF}: 18531.4/23$

-0.833 ± 0.039 $\chi^2/\text{NDF}: 75562.0/74$

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 4.828 $\pm$ 0.066 χ^2 /NDF: 2285.5/13

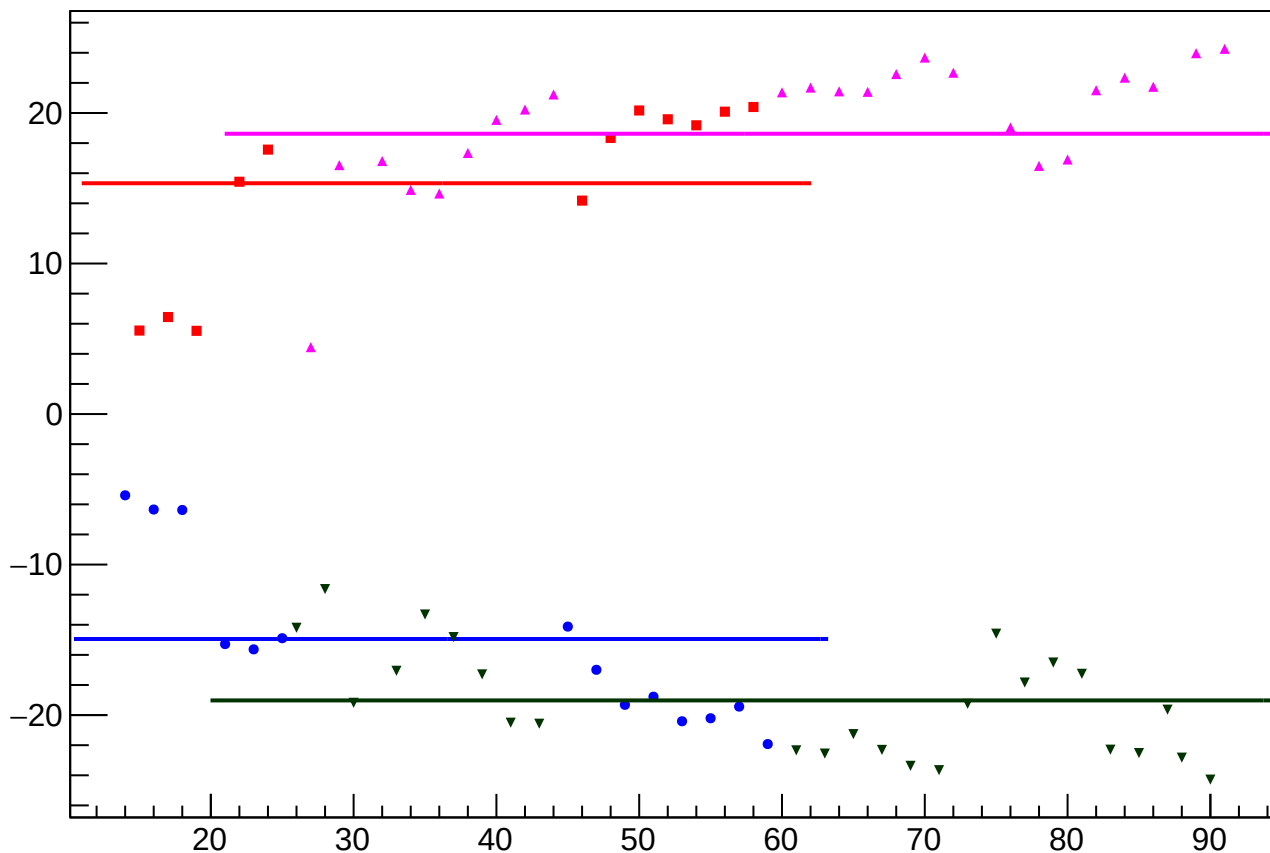
Left Out: 4.804 $\pm$ 0.066 χ^2 /NDF: 5629.0/24

Right Out: -5.466 $\pm$ 0.080 χ^2 /NDF: 3109.8/11

Left In: -5.271 $\pm$ 0.059 χ^2 /NDF: 4327.7/23

-0.199 $\pm$ 0.033 χ^2 /NDF: 38788.2/74

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -14.943 ± 0.015 $\chi^2/\text{NDF}: 117866.9/13$

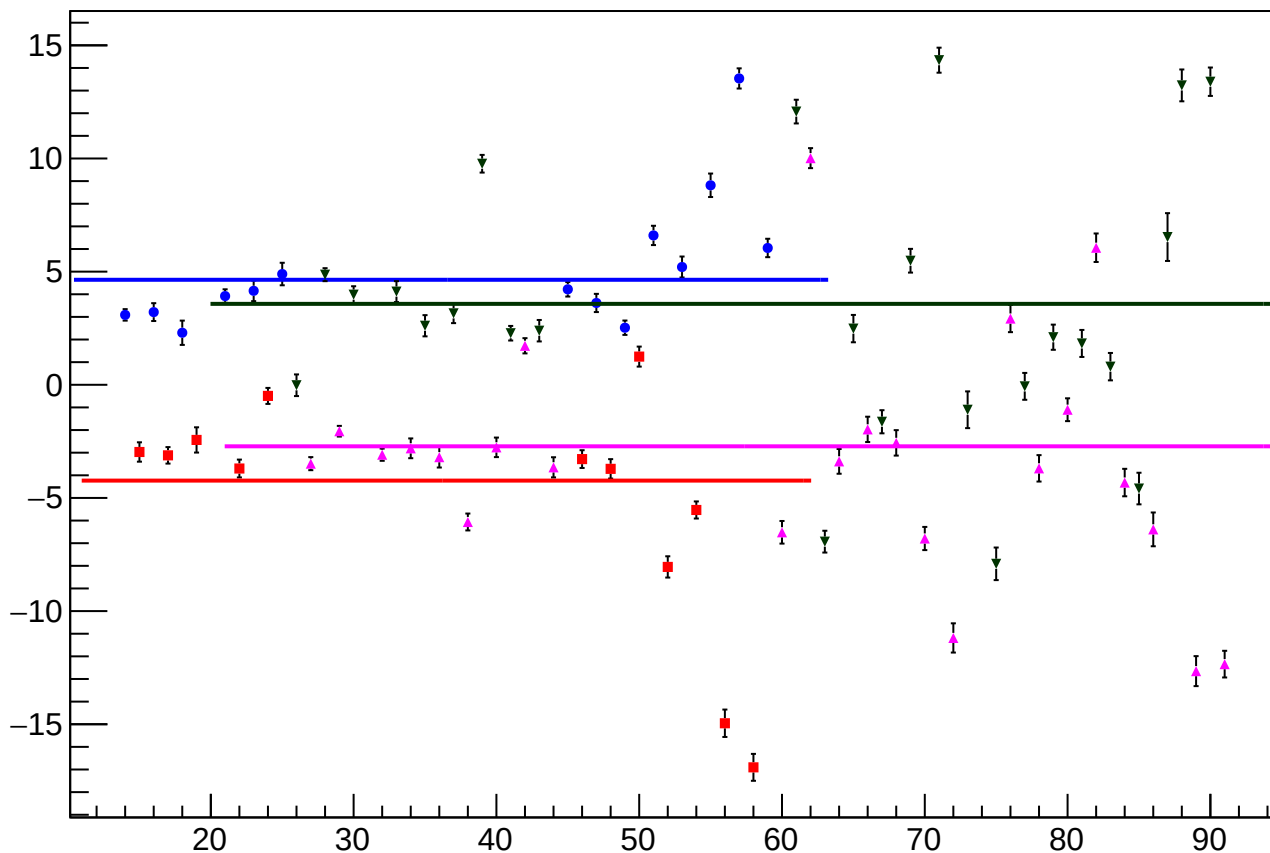
Left Out: -19.025 ± 0.013 $\chi^2/\text{NDF}: 86515.1/24$

0.095 ± 0.007 $\chi^2/\text{NDF}: 6934790.2/74$

Right Out: 15.333 ± 0.018 $\chi^2/\text{NDF}: 77725.9/11$

Left In: 18.621 ± 0.012 $\chi^2/\text{NDF}: 139389.3/23$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.640 ± 0.102 χ^2/NDF : 626.9/13

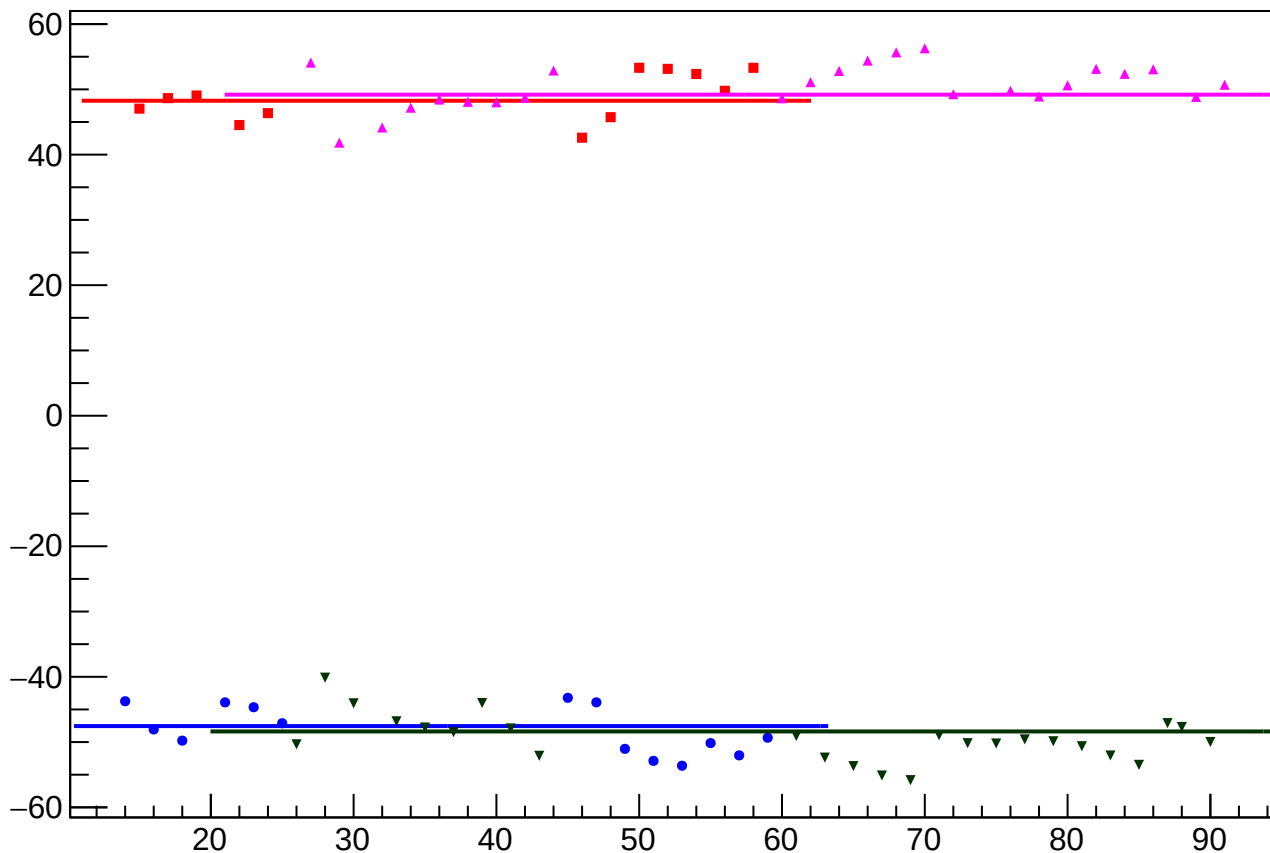
Left Out: 3.576 ± 0.099 χ^2/NDF : 2536.4/24

0.500 ± 0.051 χ^2/NDF : 11923.2/74

Right Out: -4.234 ± 0.124 χ^2/NDF : 1148.5/11

Left In: -2.719 ± 0.089 χ^2/NDF : 2220.9/23

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.550 ± 0.020 χ^2/NDF : 32751.9/13

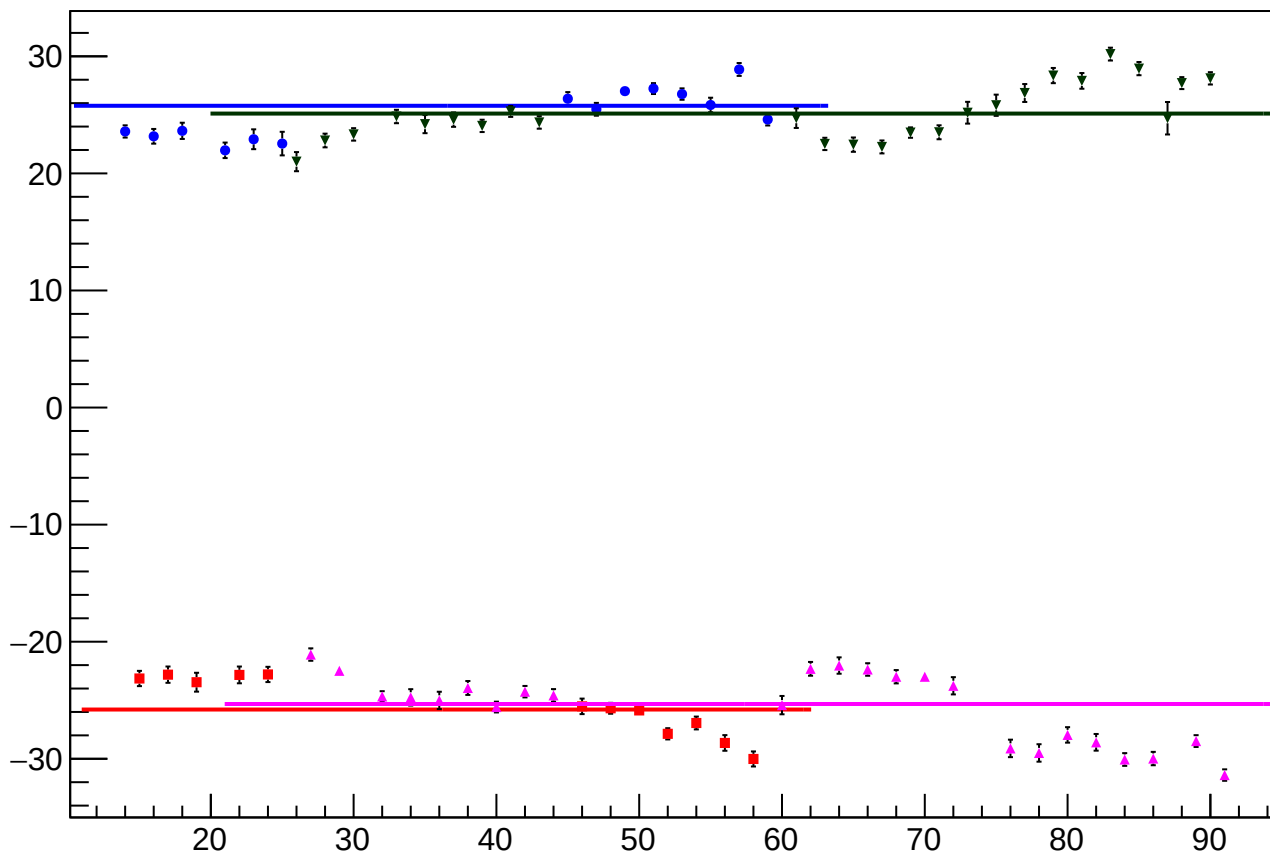
Left Out: -48.372 ± 0.018 χ^2/NDF : 52871.2/24

Right Out: 48.258 ± 0.023 χ^2/NDF : 23049.5/11

Left In: 49.191 ± 0.018 χ^2/NDF : 52725.0/23

-1.962 ± 0.010 χ^2/NDF : 25593772.4/74

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.776 $\pm$ 0.139 χ^2 /NDF: 173.0/13

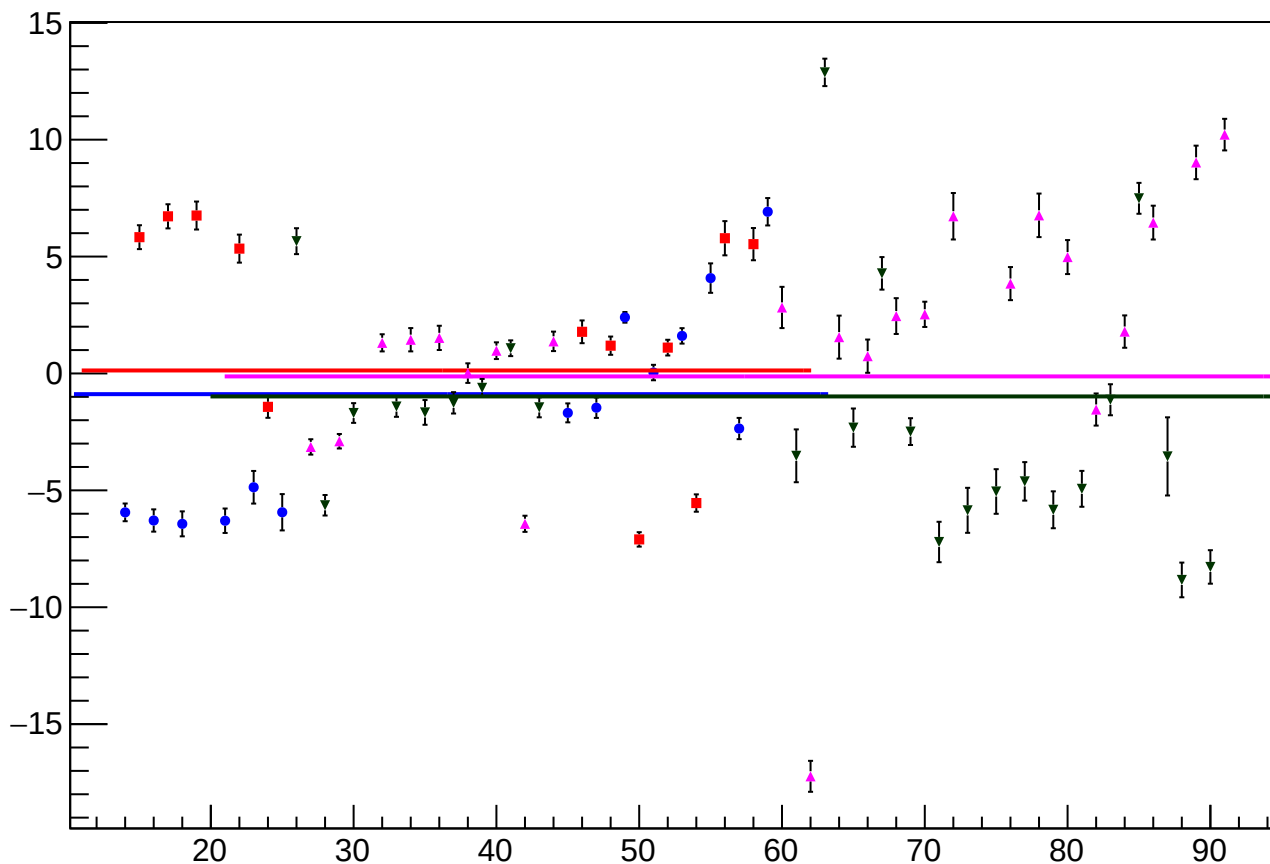
Left Out: 25.110 $\pm$ 0.120 χ^2 /NDF: 389.1/24

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

0.872 $\pm$ 0.066 χ^2 /NDF: 151634.6/74

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -0.885 ± 0.111 $\chi^2/\text{NDF}: 1125.4/13$

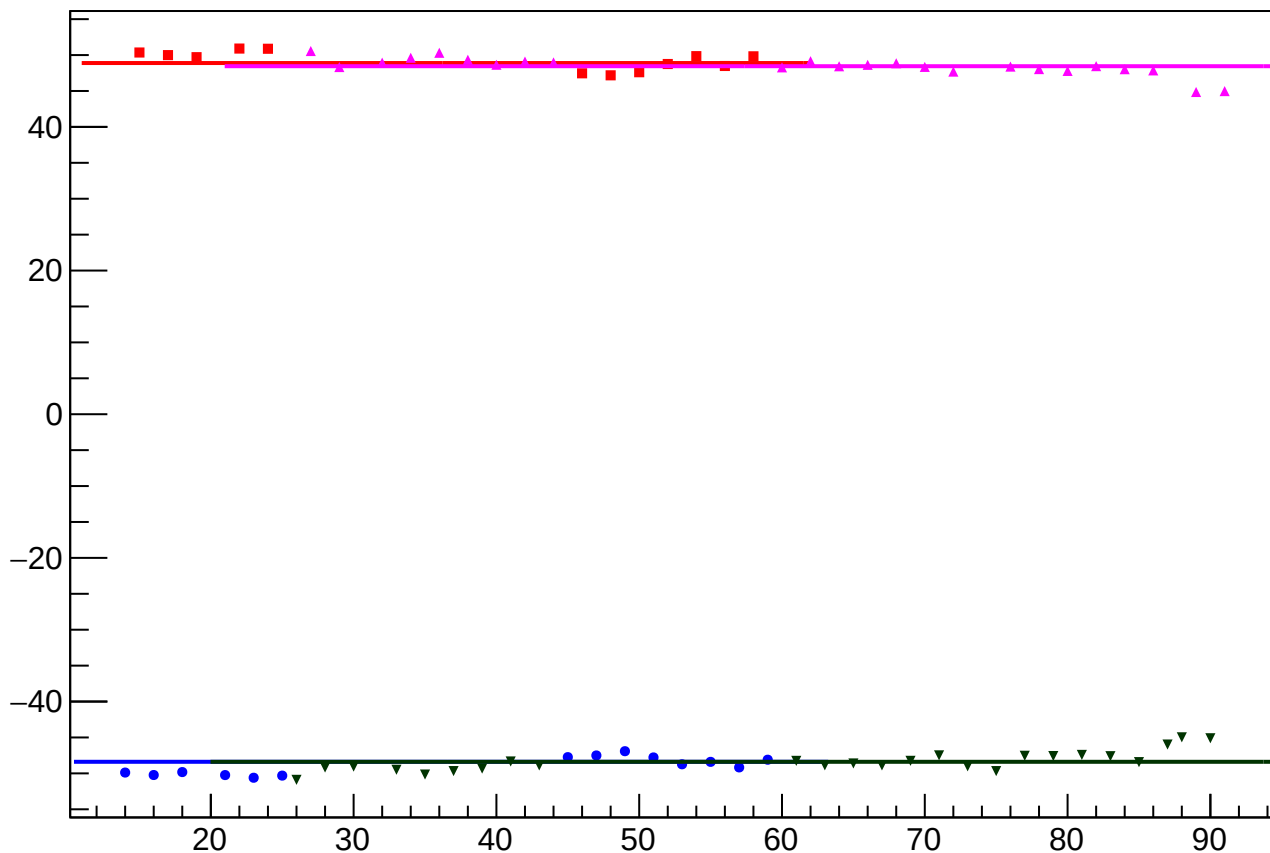
Left Out: -0.983 ± 0.115 $\chi^2/\text{NDF}: 1493.3/24$

Right Out: 0.128 ± 0.130 $\chi^2/\text{NDF}: 1427.0/11$

Left In: -0.126 ± 0.105 $\chi^2/\text{NDF}: 1949.2/23$

-0.491 ± 0.057 $\chi^2/\text{NDF}: 6060.7/74$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.387 $\pm$ 0.026 χ^2 /NDF: 2138.1/13

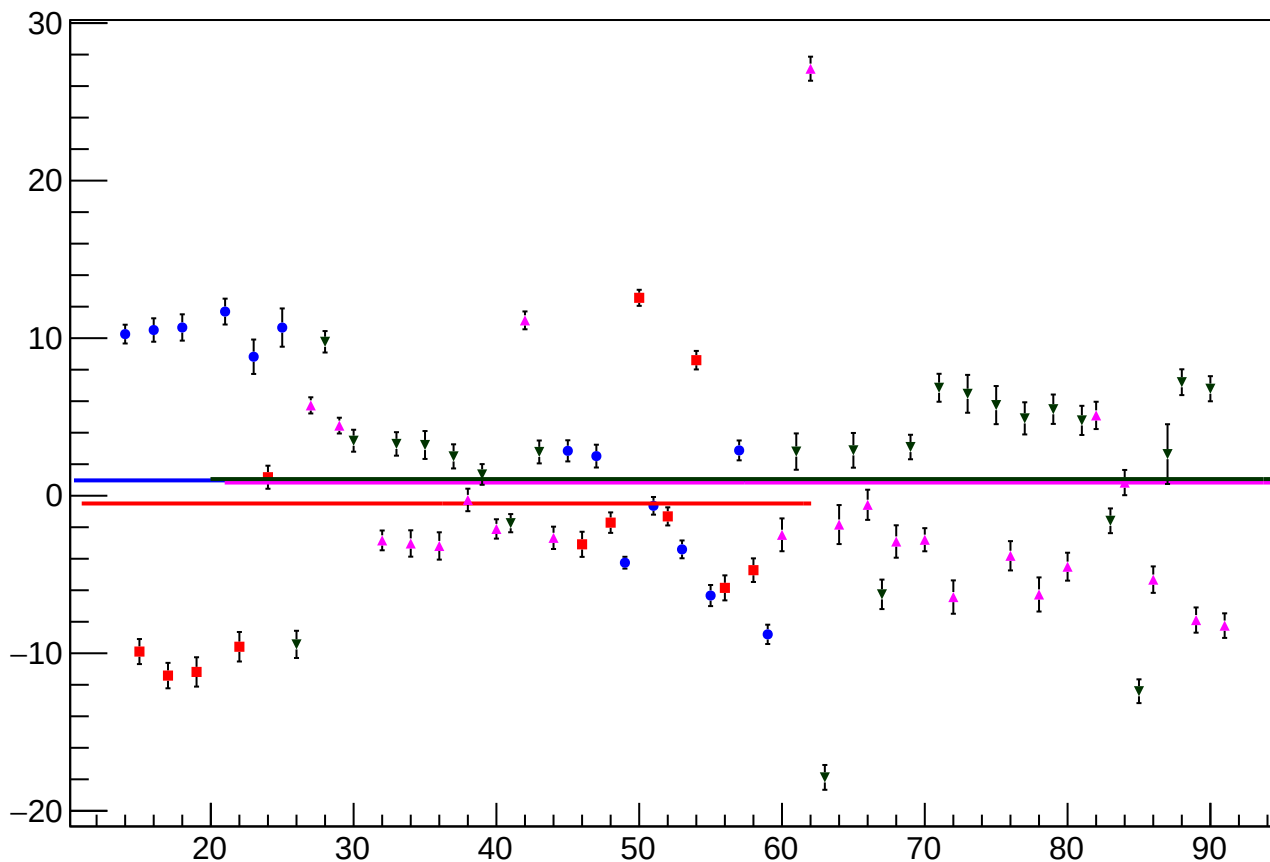
Left Out: -48.388 $\pm$ 0.021 χ^2 /NDF: 3931.4/24

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

-1.083 $\pm$ 0.012 χ^2 /NDF: 17082668.5/74

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 0.973 ± 0.171 χ^2/NDF : 1484.9/13

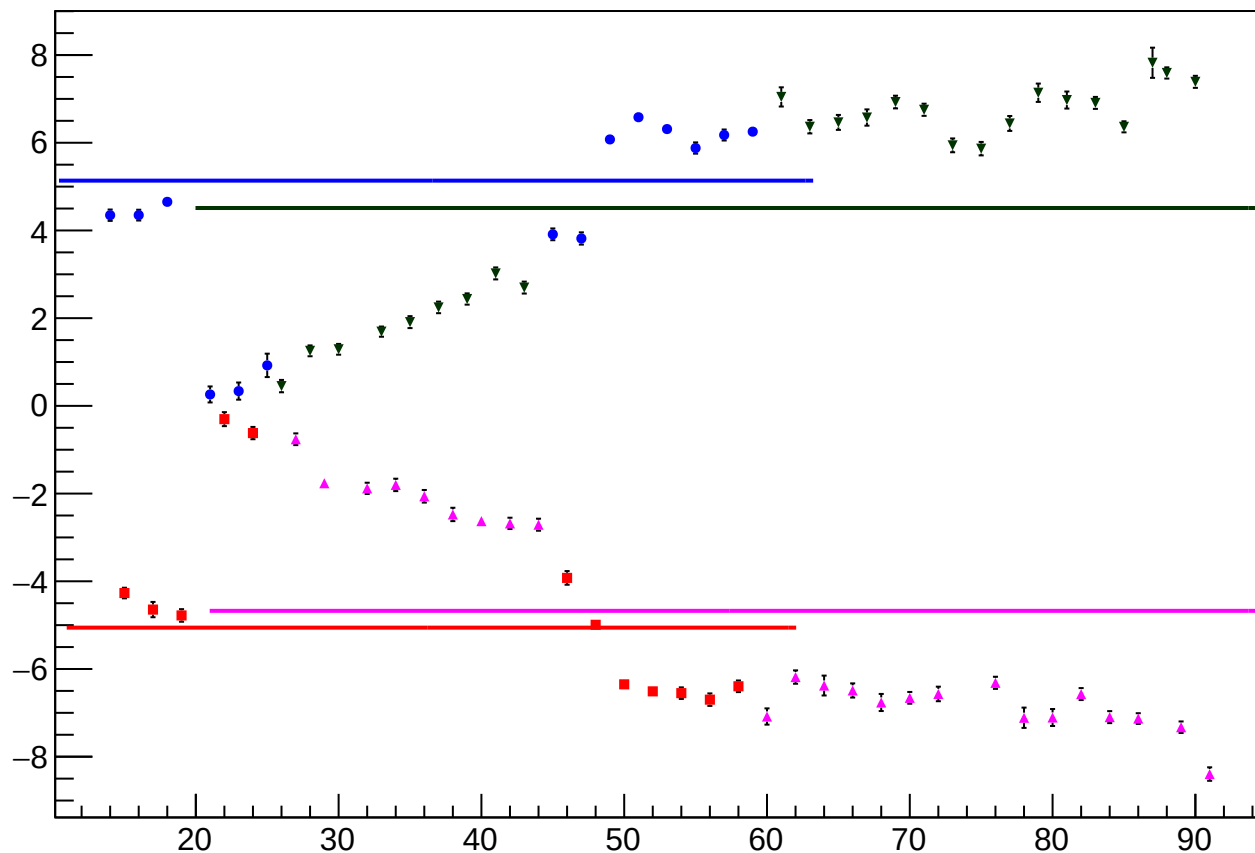
Left Out: 1.057 ± 0.166 χ^2/NDF : 1592.0/24

Right Out: -0.493 ± 0.203 χ^2/NDF : 1544.5/11

Left In: 0.837 ± 0.155 χ^2/NDF : 2321.4/23

0.691 ± 0.086 χ^2/NDF : 6985.4/74

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.136 $\pm$ 0.032 χ^2 /NDF: 2510.5/13

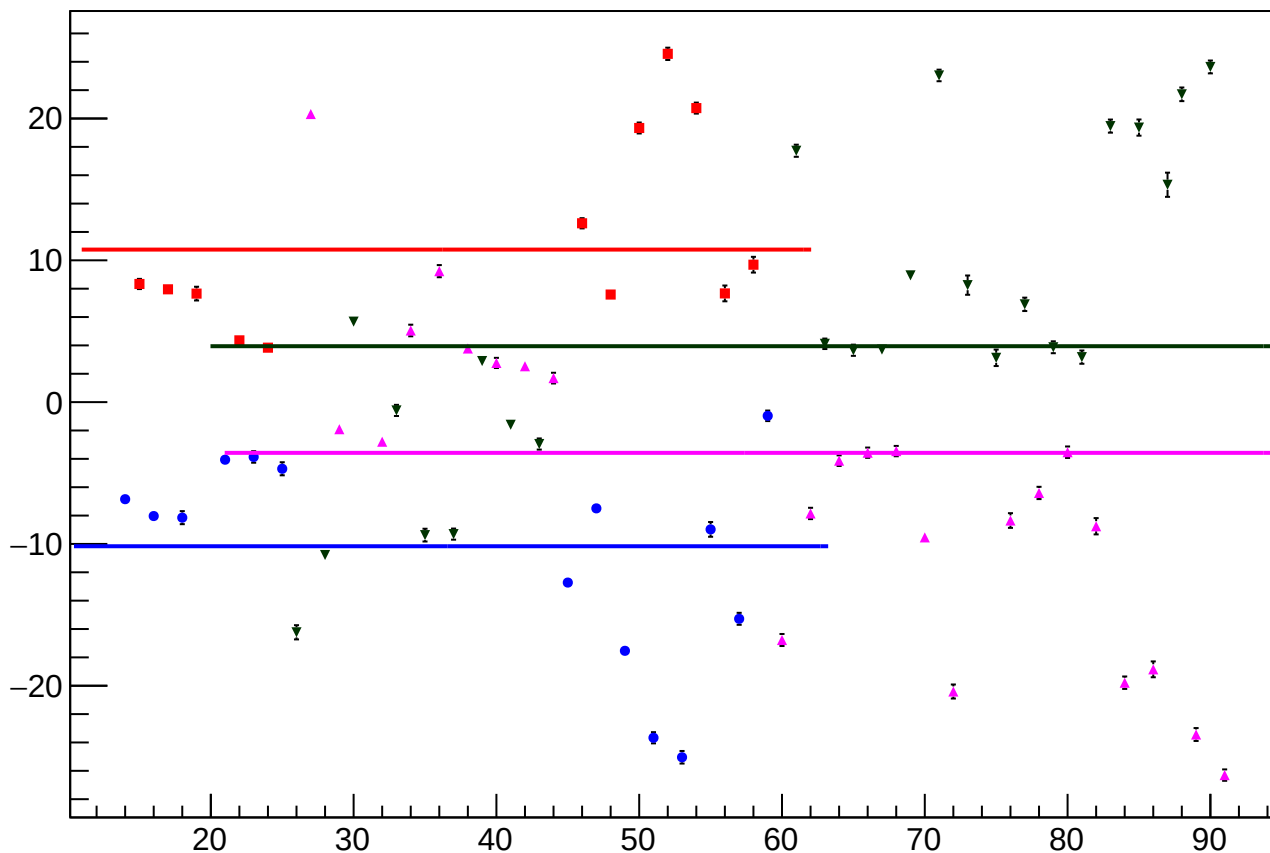
Left Out: 4.512 $\pm$ 0.029 χ^2 /NDF: 7321.4/24

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

0.274 $\pm$ 0.016 χ^2 /NDF: 112831.5/74

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -10.163 ± 0.090 $\chi^2/\text{NDF}: 5205.6/13$

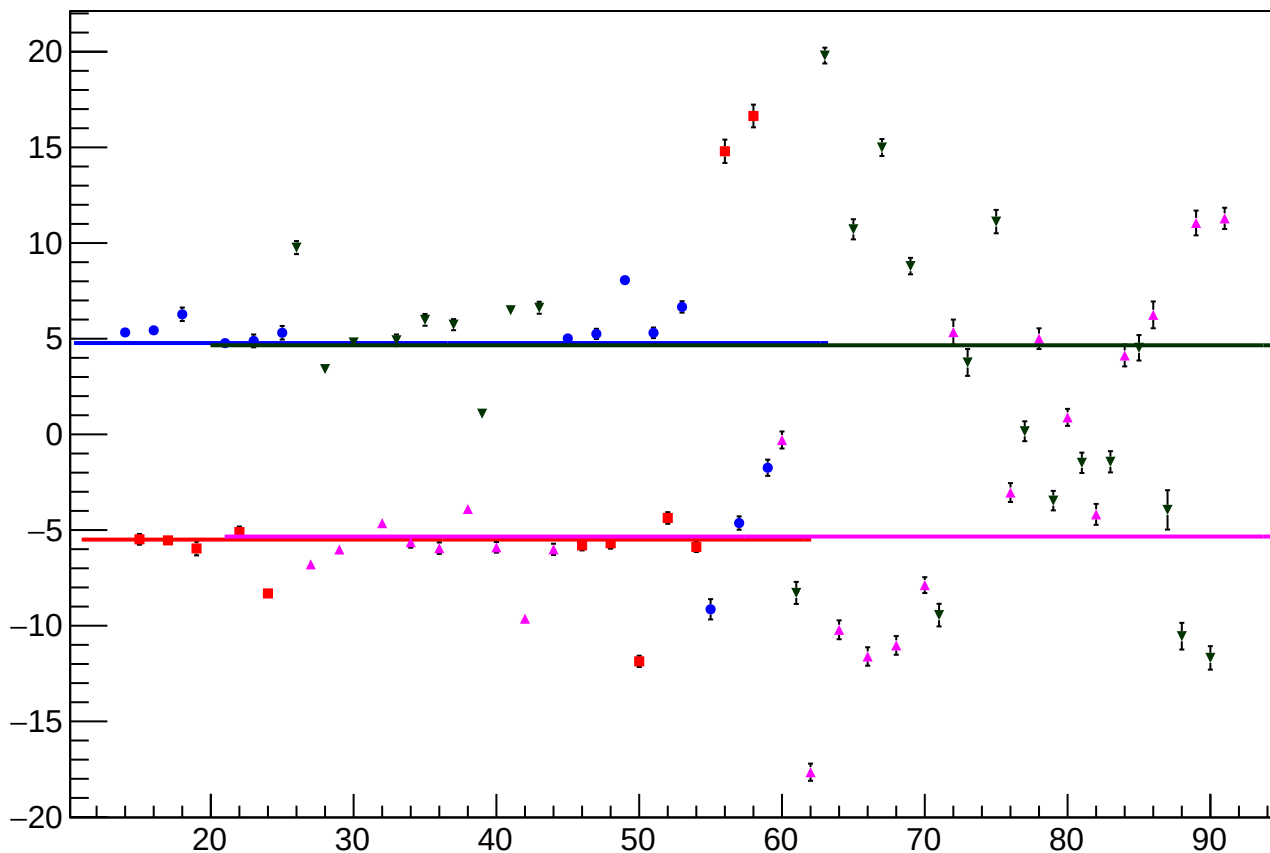
Left Out: 3.943 ± 0.081 $\chi^2/\text{NDF}: 16139.7/24$

Right Out: 10.757 ± 0.112 $\chi^2/\text{NDF}: 3207.4/11$

Left In: -3.577 ± 0.074 $\chi^2/\text{NDF}: 19223.0/23$

-0.816 ± 0.043 $\chi^2/\text{NDF}: 69987.2/74$

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 4.774 $\pm$ 0.071 χ^2 /NDF: 1972.0/13

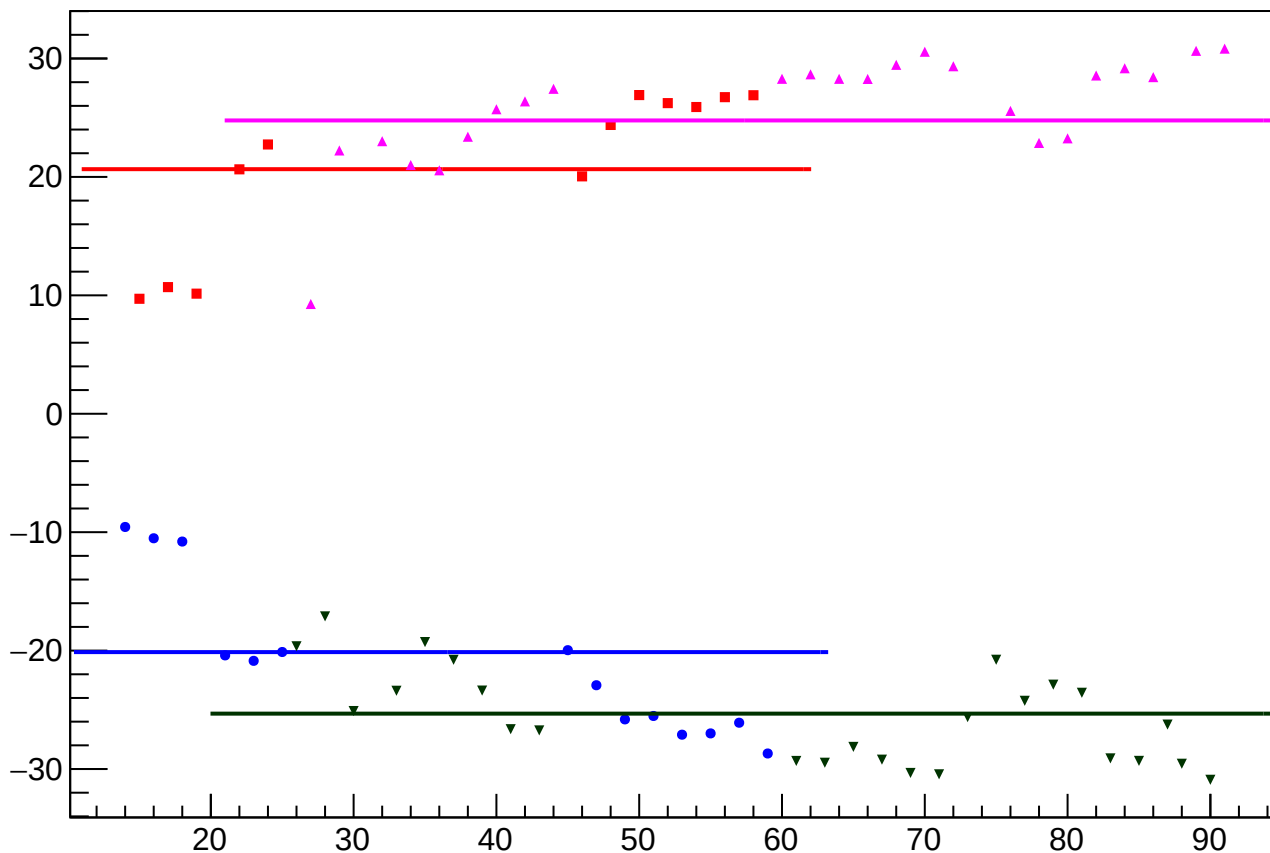
Left Out: 4.656 $\pm$ 0.074 χ^2 /NDF: 5743.4/24

-0.260 $\pm$ 0.036 χ^2 /NDF: 34889.4/74

Right Out: -5.498 $\pm$ 0.086 χ^2 /NDF: 3109.7/11

Left In: -5.339 $\pm$ 0.065 χ^2 /NDF: 4757.6/23

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -20.127 ± 0.016 $\chi^2/\text{NDF}: 151308.5/13$

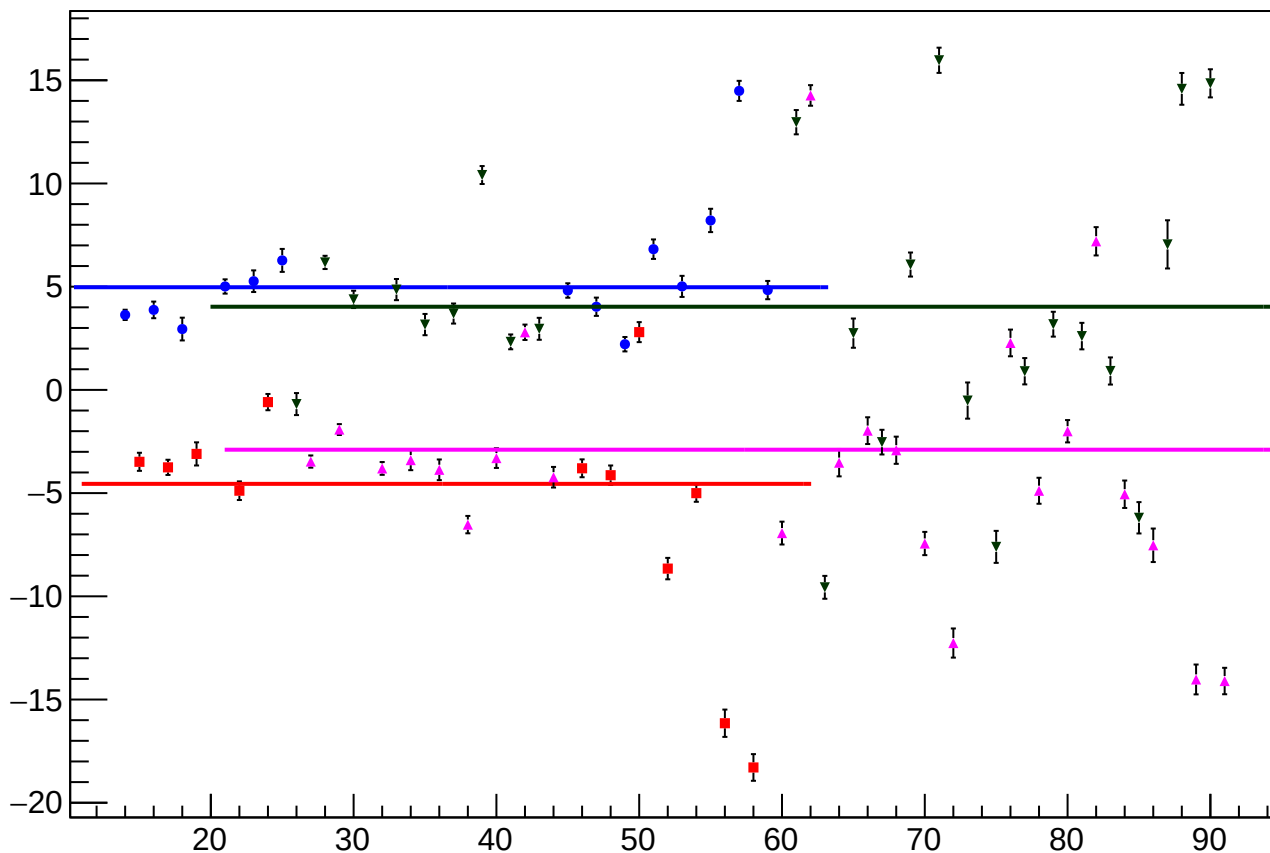
Left Out: -25.323 ± 0.014 $\chi^2/\text{NDF}: 85480.7/24$

Right Out: 20.654 ± 0.020 $\chi^2/\text{NDF}: 96075.2/11$

Left In: 24.769 ± 0.013 $\chi^2/\text{NDF}: 150984.8/23$

0.015 ± 0.008 $\chi^2/\text{NDF}: 9886445.0/74$

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.973+/-0.110 χ^2/NDF : 553.9/13

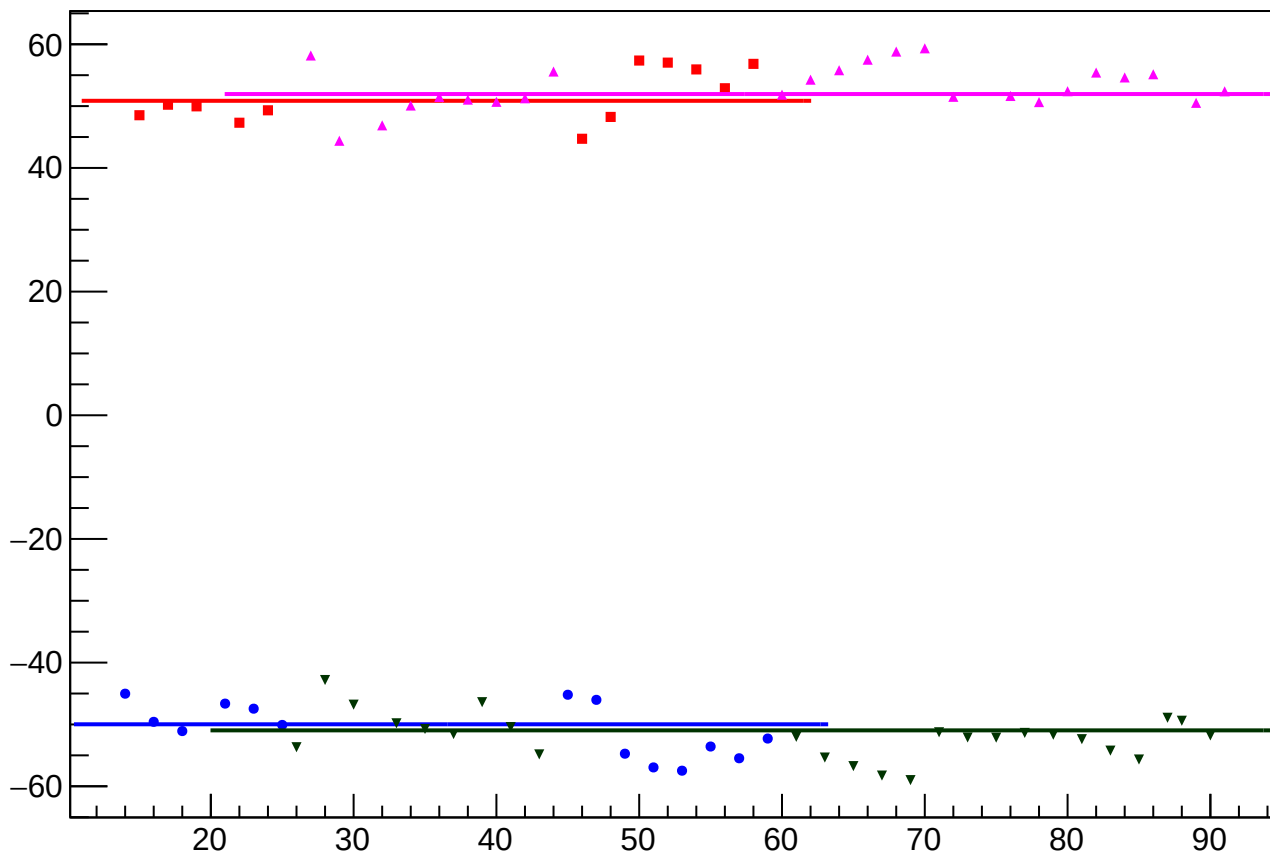
Left Out: 4.029+/-0.110 χ^2/NDF : 2654.1/24

0.602+/-0.055 χ^2/NDF : 12389.1/74

Right Out: -4.552+/-0.134 χ^2/NDF : 1175.8/11

Left In: -2.897+/-0.098 χ^2/NDF : 2705.5/23

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.976 ± 0.021 χ^2/NDF : 39888.6/13

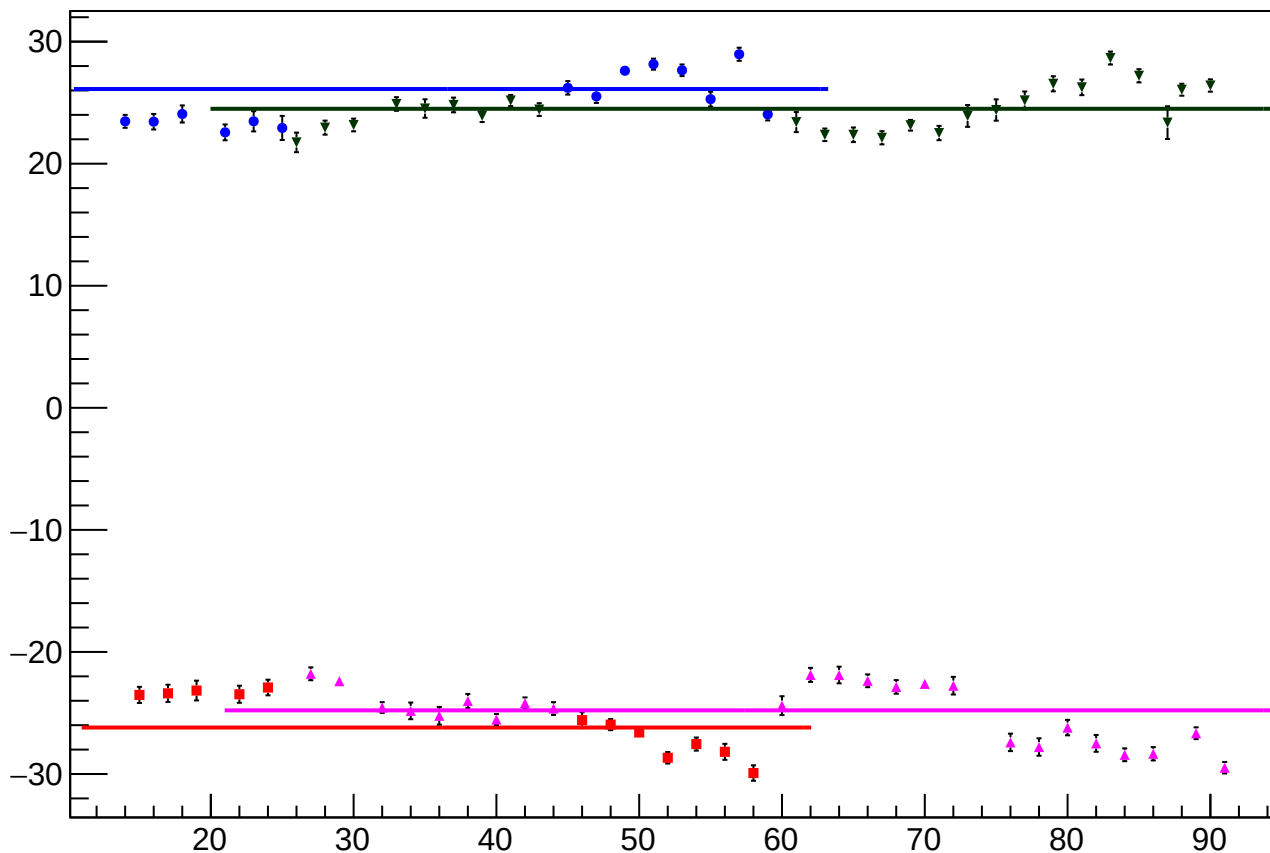
Left Out: -50.958 ± 0.020 χ^2/NDF : 42983.9/24

Right Out: 50.858 ± 0.025 χ^2/NDF : 26148.8/11

Left In: 51.951 ± 0.019 χ^2/NDF : 46194.9/23

-2.124 ± 0.011 χ^2/NDF : 23631580.9/74

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 26.117 ± 0.137 $\chi^2/\text{NDF}: 212.1/13$

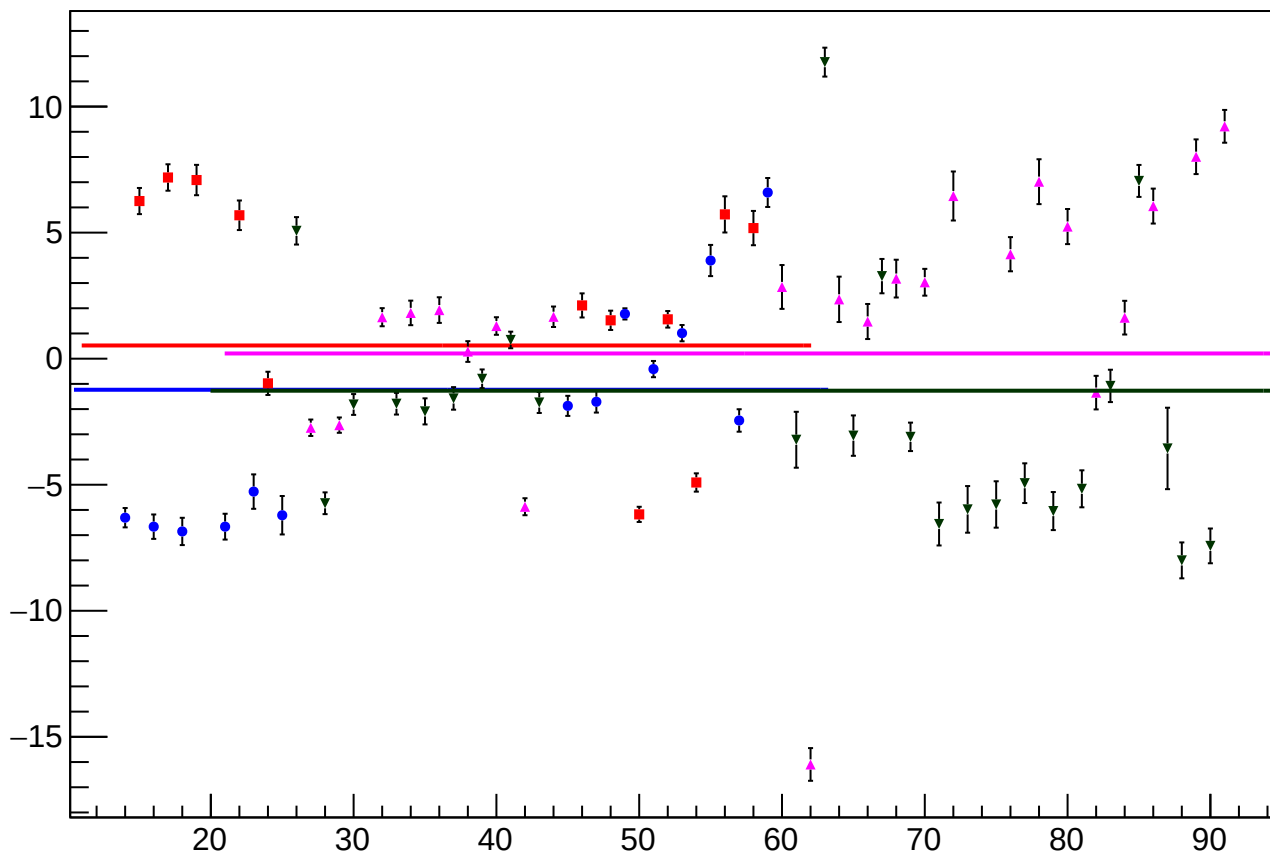
Left Out: 24.497 ± 0.117 $\chi^2/\text{NDF}: 232.4/24$

Right Out: -26.192 ± 0.165 $\chi^2/\text{NDF}: 167.5/11$

Left In: -24.785 ± 0.111 $\chi^2/\text{NDF}: 442.8/23$

0.881 ± 0.064 $\chi^2/\text{NDF}: 155564.1/74$

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.233 ± 0.109 χ^2/NDF : 1102.3/13

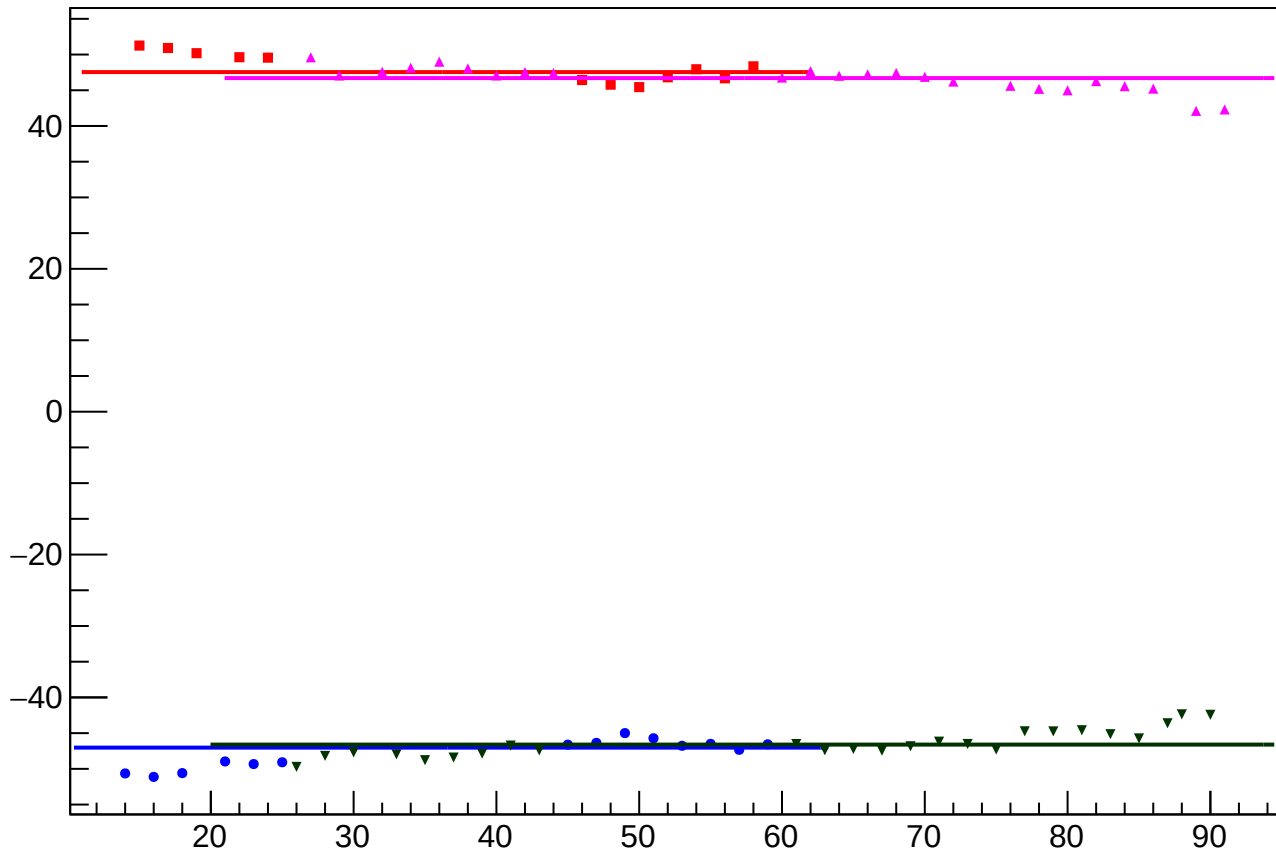
Left Out: -1.270 ± 0.112 χ^2/NDF : 1390.2/24

Right Out: 0.524 ± 0.128 χ^2/NDF : 1336.6/11

Left In: 0.207 ± 0.103 χ^2/NDF : 1836.5/23

-0.481 ± 0.056 χ^2/NDF : 5869.4/74

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.028 ± 0.025 $\chi^2/\text{NDF}: 5490.8/13$

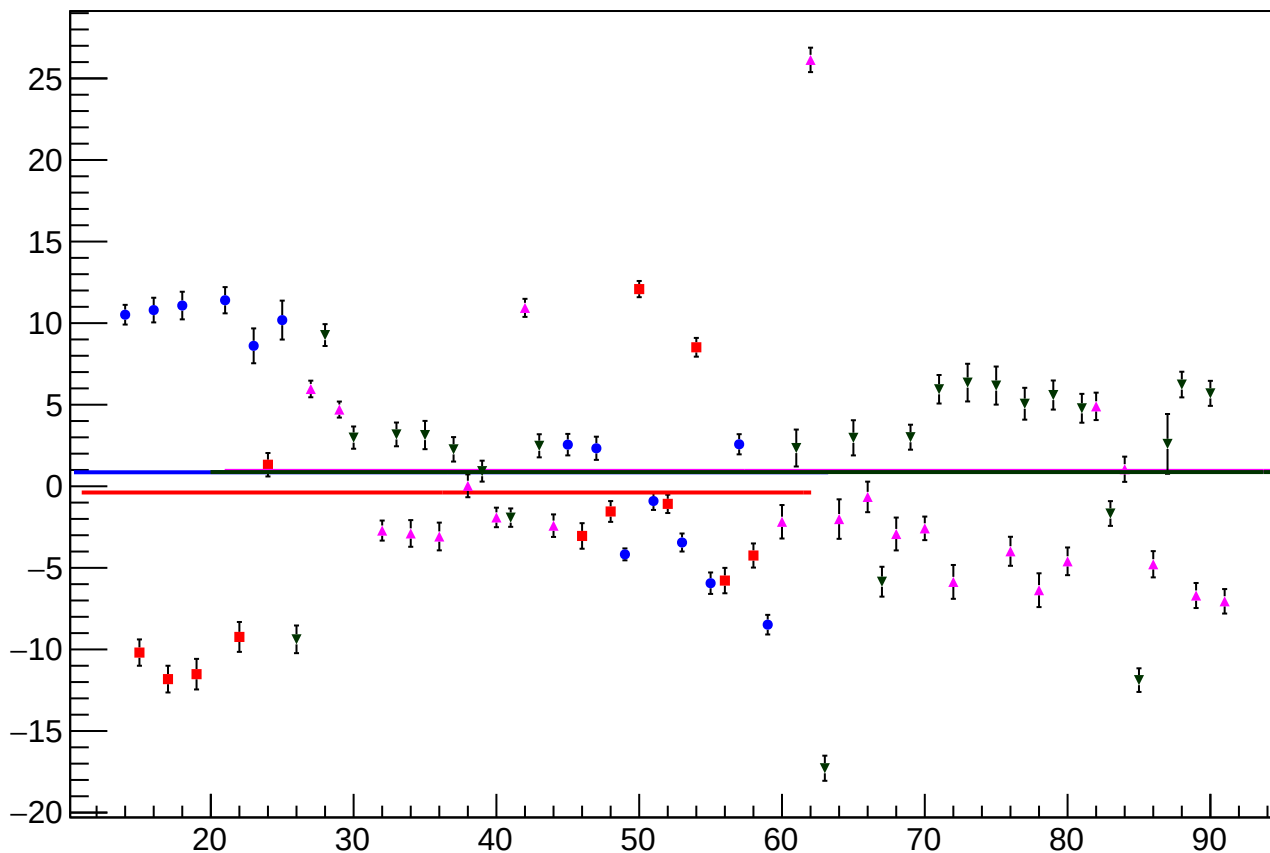
Left Out: -46.604 ± 0.021 $\chi^2/\text{NDF}: 7520.0/24$

Right Out: 47.544 ± 0.029 $\chi^2/\text{NDF}: 3840.2/11$

Left In: 46.705 ± 0.020 $\chi^2/\text{NDF}: 7627.7/23$

-1.049 ± 0.011 $\chi^2/\text{NDF}: 16715349.1/74$

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.858 ± 0.169 $\chi^2/\text{NDF}: 1487.3/13$

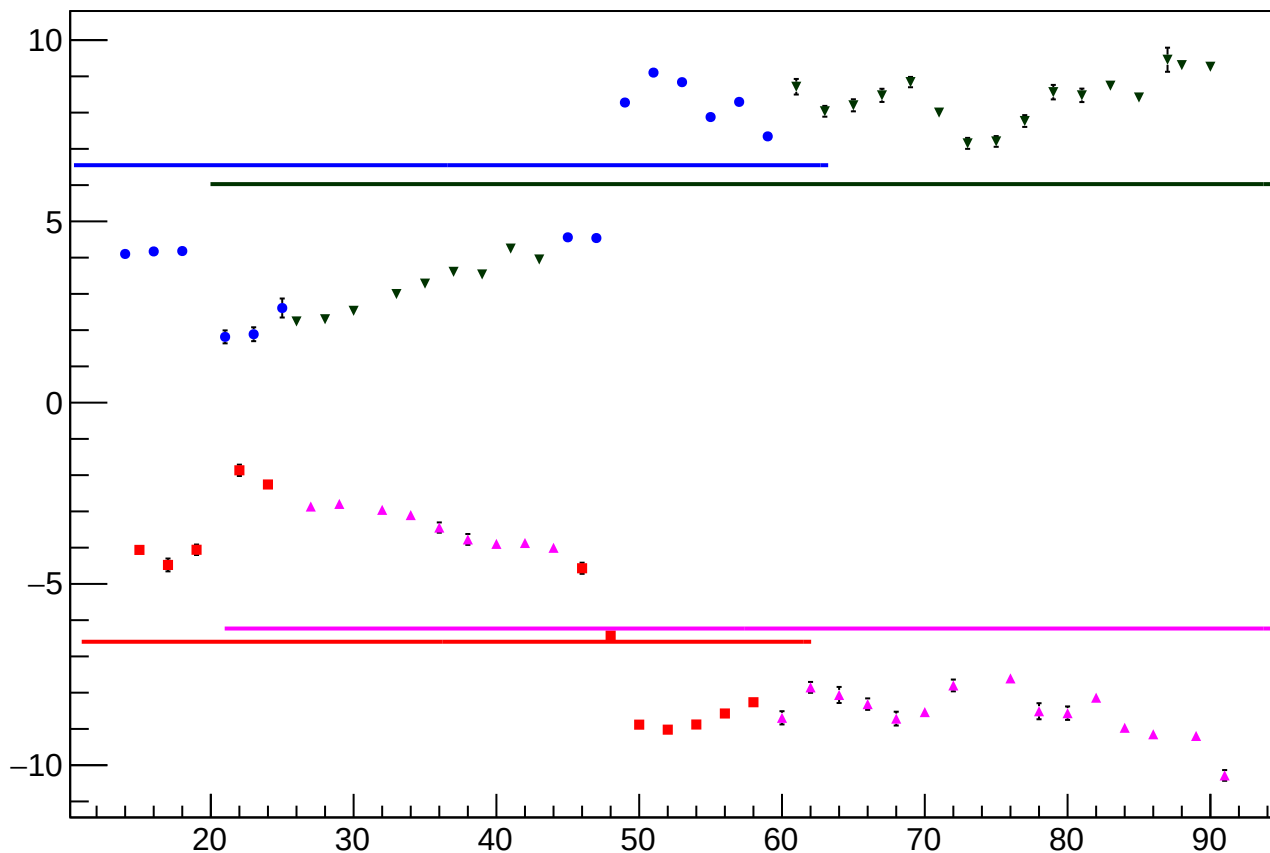
Left Out: 0.872 ± 0.162 $\chi^2/\text{NDF}: 1536.9/24$

Right Out: -0.381 ± 0.200 $\chi^2/\text{NDF}: 1543.6/11$

Left In: 0.945 ± 0.151 $\chi^2/\text{NDF}: 2249.2/23$

0.670 ± 0.084 $\chi^2/\text{NDF}: 6850.8/74$

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.549 ± 0.032 χ^2/NDF : 5260.3/13

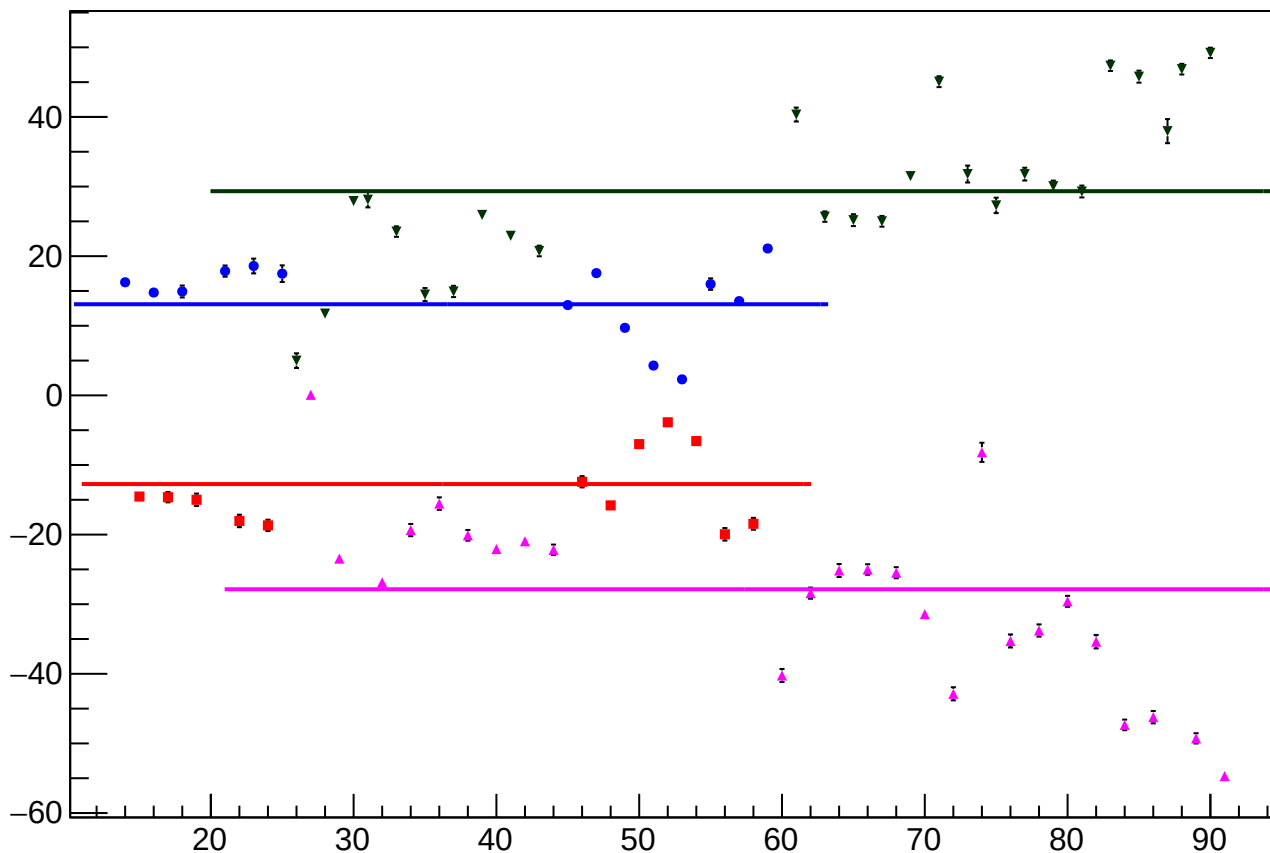
Left Out: 6.028 ± 0.028 χ^2/NDF : 8912.5/24

Right Out: -6.595 ± 0.036 χ^2/NDF : 4917.4/11

Left In: -6.231 ± 0.029 χ^2/NDF : 8619.2/23

0.320 ± 0.015 χ^2/NDF : 195391.4/74

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 13.093+/-0.179 χ^2/NDF : 836.6/13

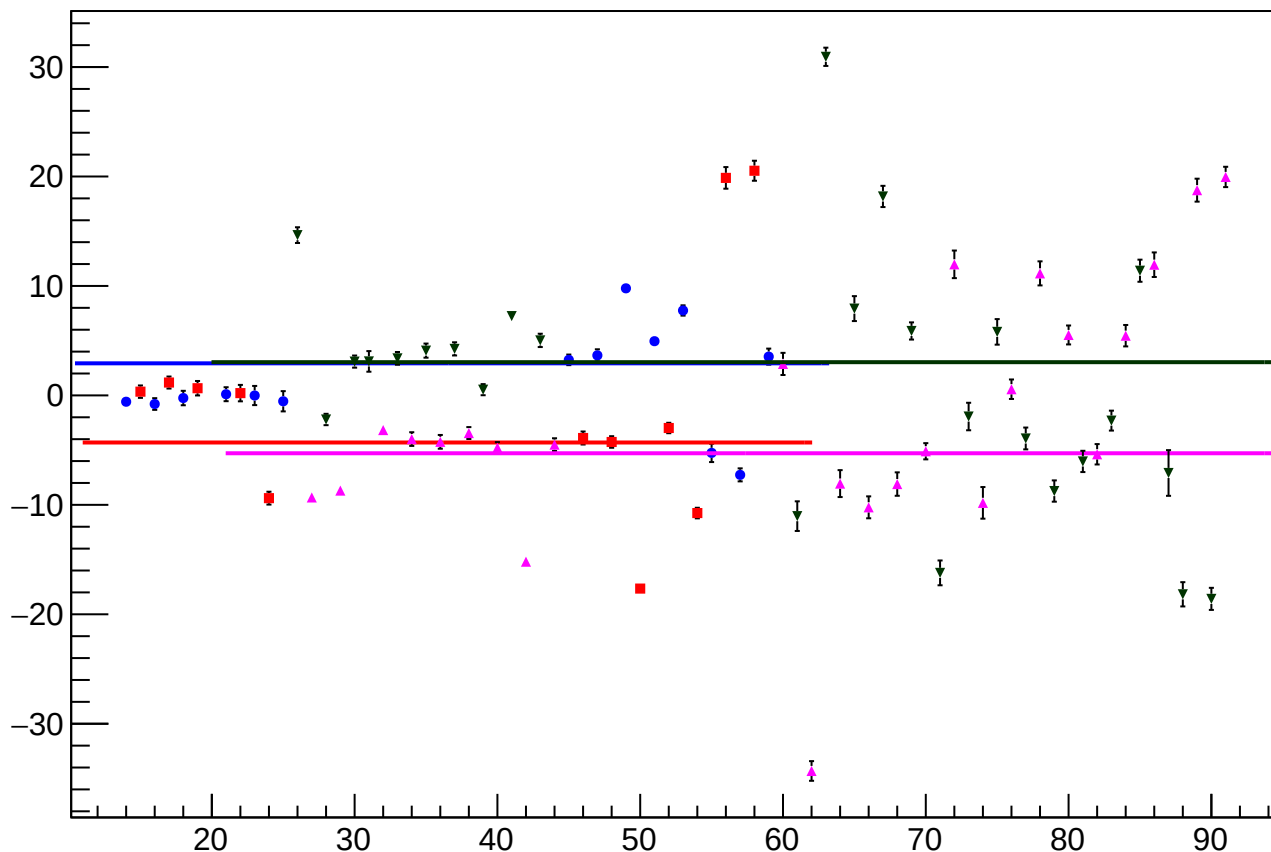
Left Out: 29.334+/-0.160 χ^2/NDF : 4883.3/25

Right Out: -12.739+/-0.215 χ^2/NDF : 586.8/11

Left In: -27.852+/-0.148 χ^2/NDF : 8001.8/24

0.152+/-0.085 χ^2/NDF : 92301.1/76

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 2.930 ± 0.141 $\chi^2/\text{NDF}: 1155.0/13$

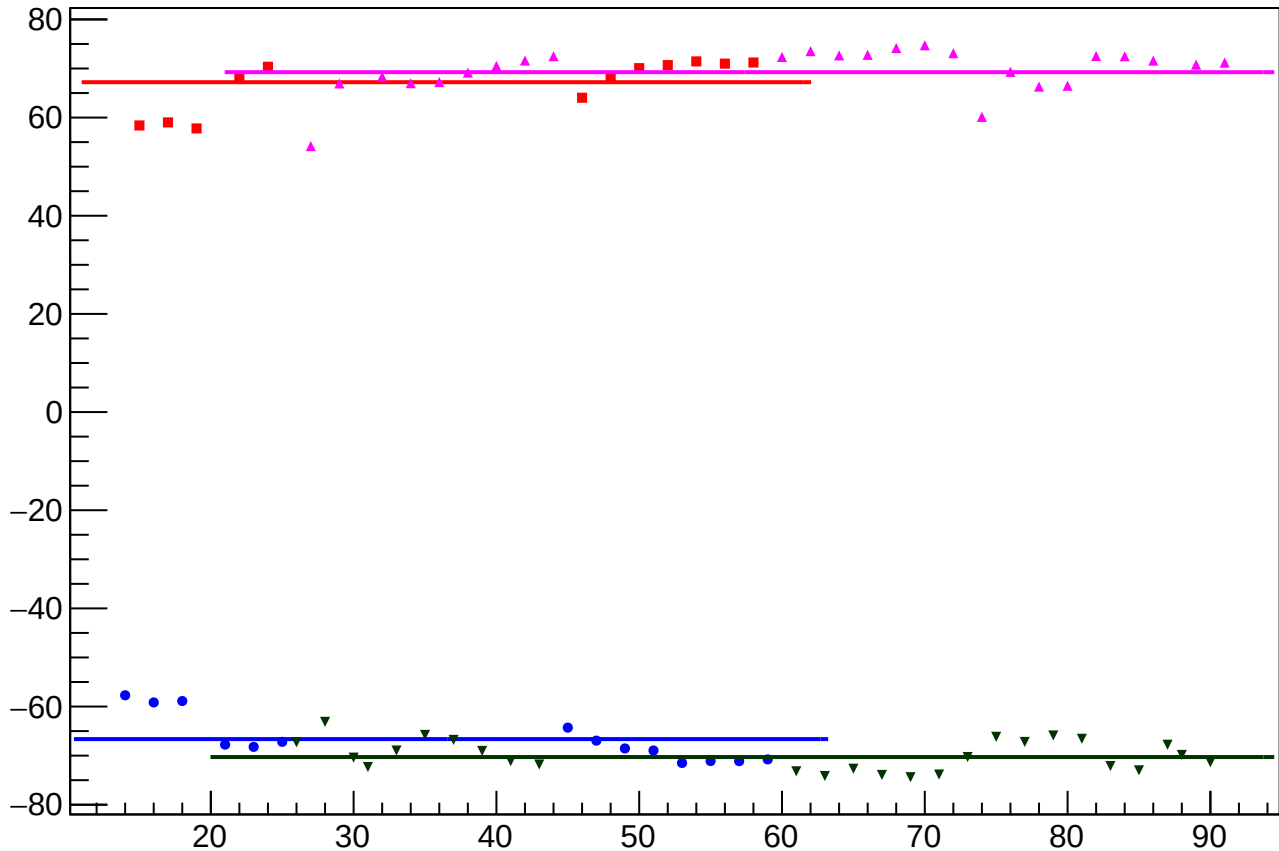
Left Out: 3.035 ± 0.149 $\chi^2/\text{NDF}: 3541.1/25$

Right Out: -4.304 ± 0.167 $\chi^2/\text{NDF}: 2809.0/11$

Left In: -5.287 ± 0.132 $\chi^2/\text{NDF}: 4132.5/24$

-0.941 ± 0.073 $\chi^2/\text{NDF}: 14594.1/76$

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.631 ± 0.033 $\chi^2/\text{NDF}: 19733.9/13$

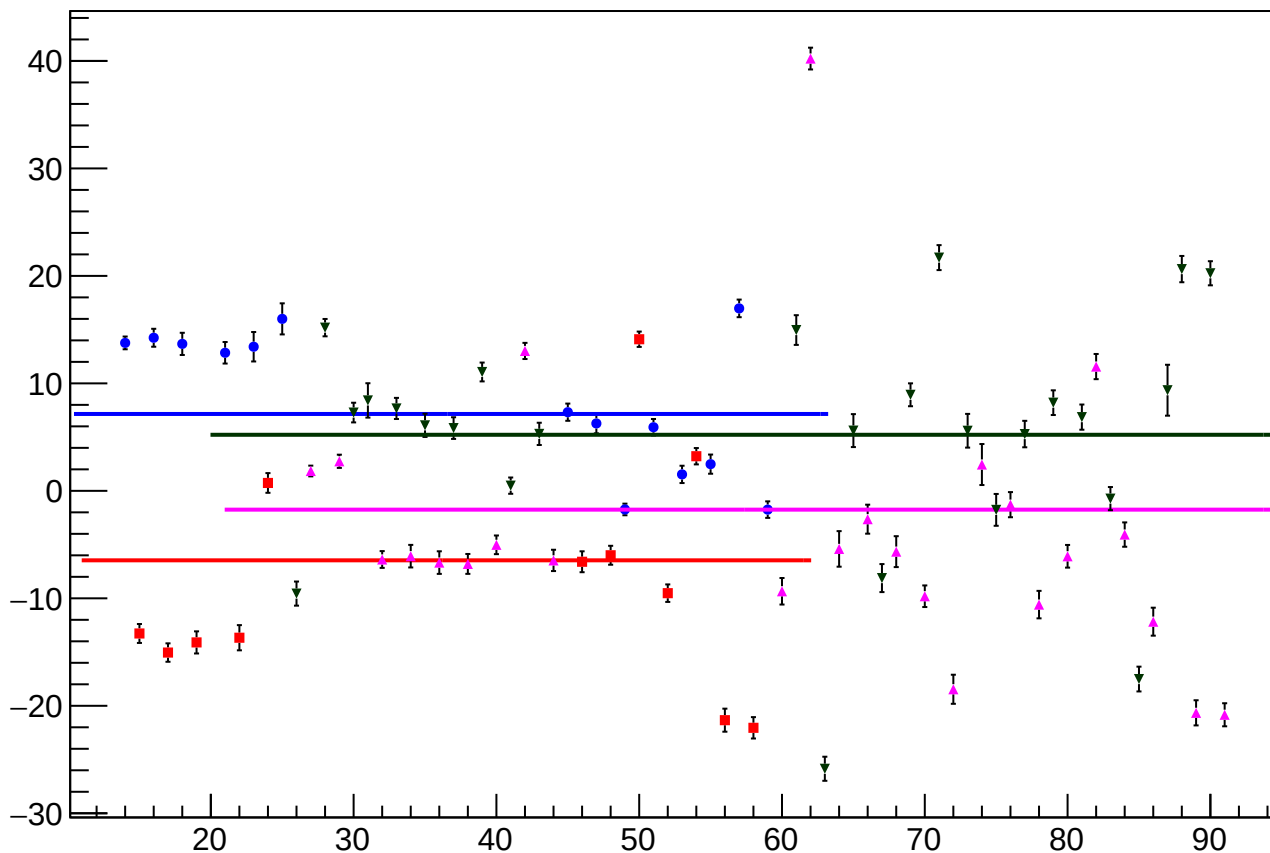
Left Out: -70.287 ± 0.028 $\chi^2/\text{NDF}: 12390.8/25$

Right Out: 67.205 ± 0.038 $\chi^2/\text{NDF}: 15582.0/11$

Left In: 69.249 ± 0.026 $\chi^2/\text{NDF}: 38079.1/24$

-1.538 ± 0.015 $\chi^2/\text{NDF}: 20415453.8/76$

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.153 $\pm$ 0.218 χ^2 /NDF: 954.7/13

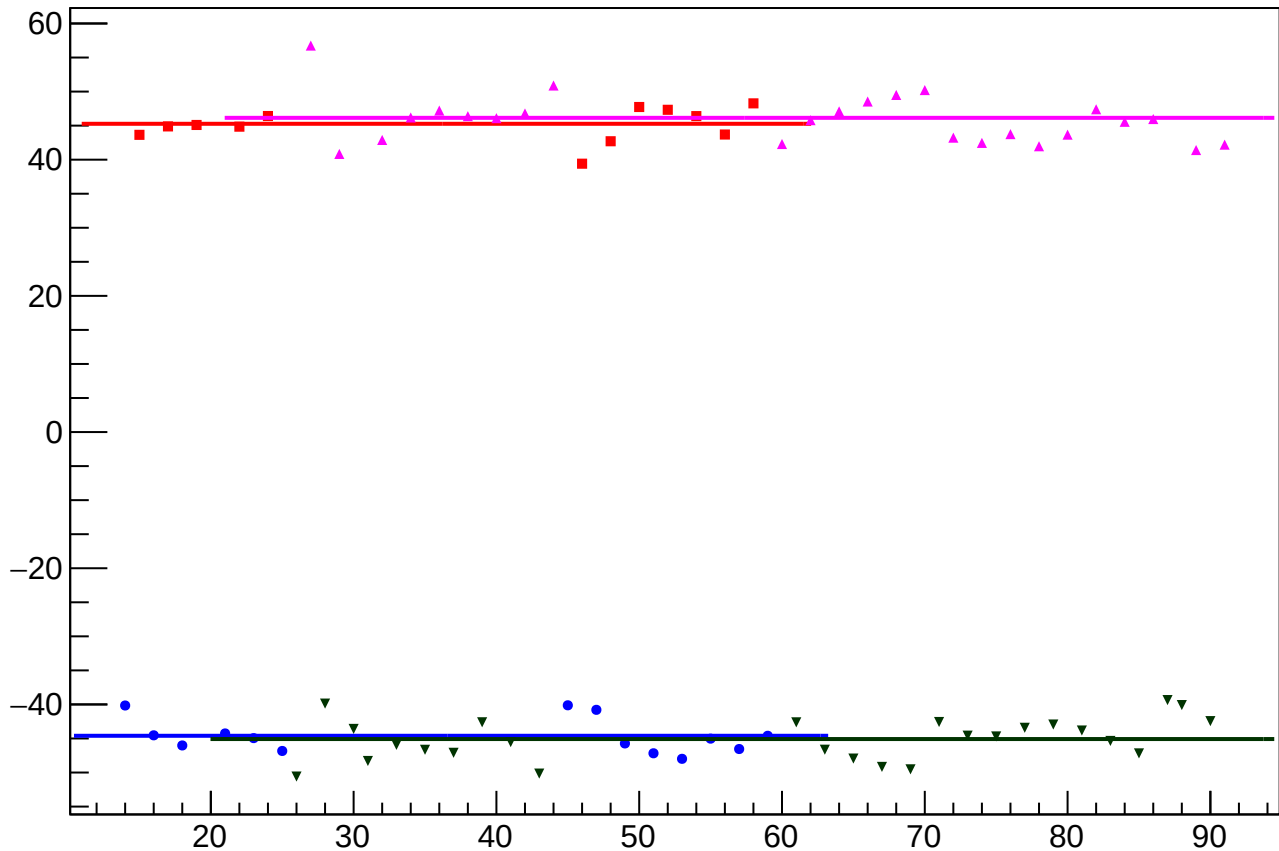
Left Out: 5.217 $\pm$ 0.218 χ^2 /NDF: 2354.6/25

1.418 $\pm$ 0.110 χ^2 /NDF: 10716.8/76

Right Out: -6.465 $\pm$ 0.259 χ^2 /NDF: 1761.2/11

Left In: -1.749 $\pm$ 0.196 χ^2 /NDF: 3459.4/24

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.603 $\pm$ 0.041 χ^2 /NDF: 3680.8/13

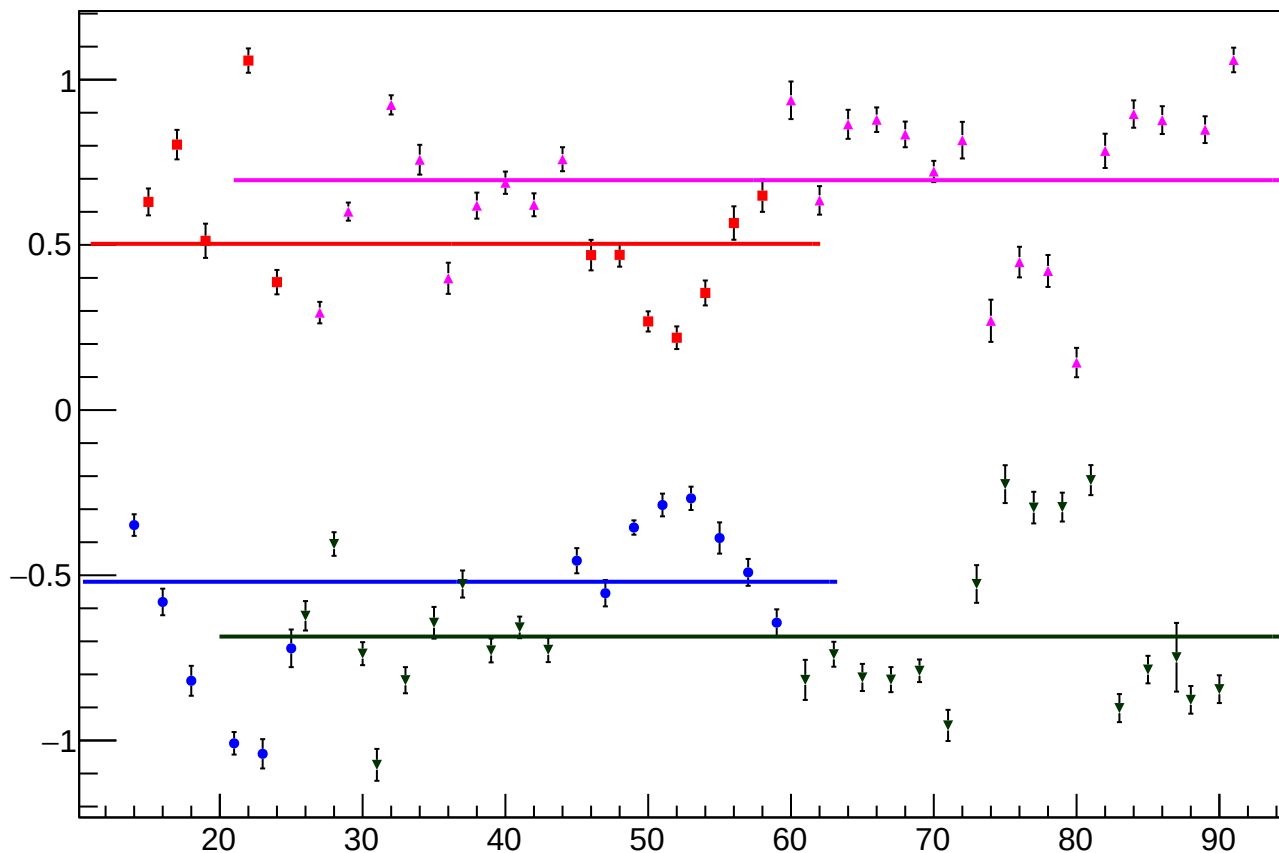
Left Out: -45.082 $\pm$ 0.039 χ^2 /NDF: 6030.5/25

Right Out: 45.270 $\pm$ 0.047 χ^2 /NDF: 2392.7/11

Left In: 46.145 $\pm$ 0.038 χ^2 /NDF: 12119.1/24

-1.555 $\pm$ 0.020 χ^2 /NDF: 4970832.1/76

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.520 ± 0.010 χ^2/NDF : 604.8/13

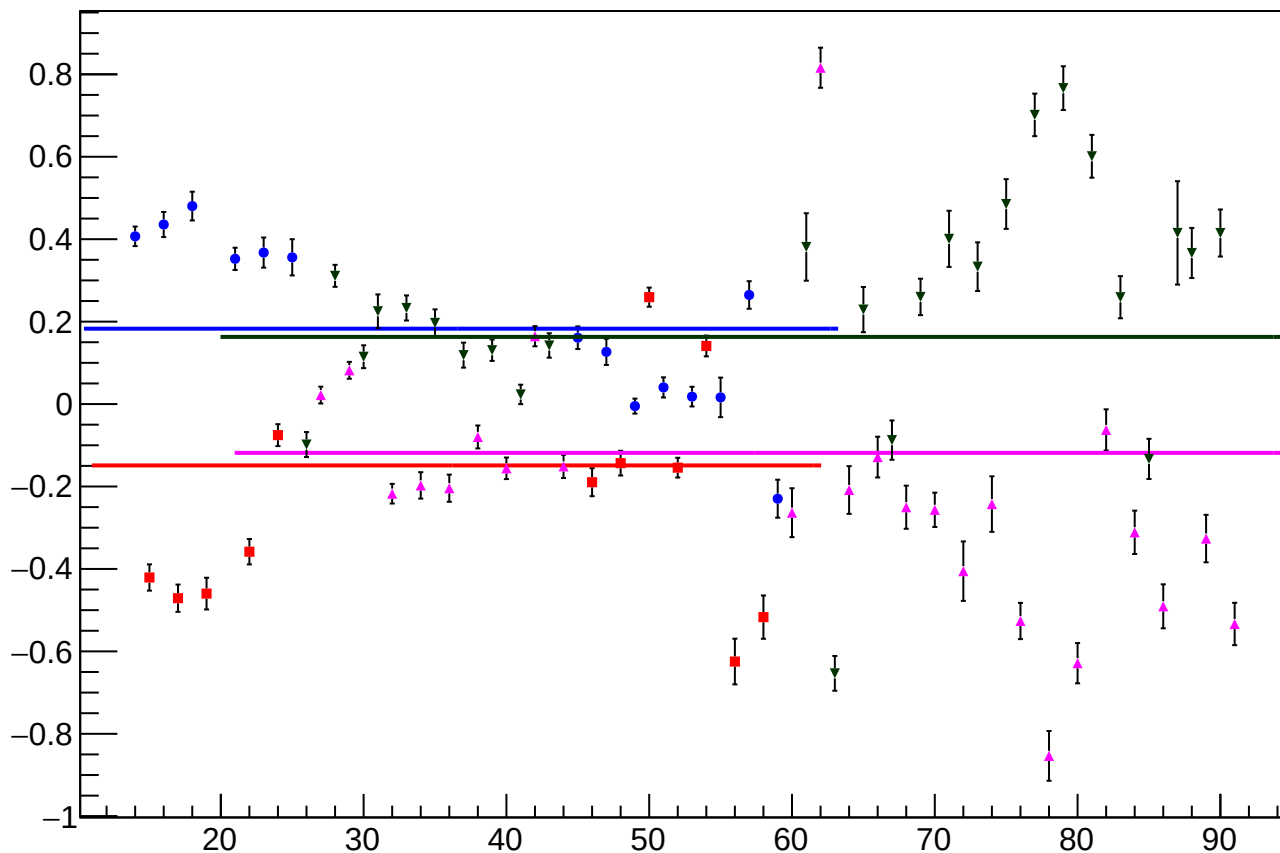
Left Out: -0.685 ± 0.008 χ^2/NDF : 625.6/25

Right Out: 0.503 ± 0.011 χ^2/NDF : 446.9/11

Left In: 0.696 ± 0.008 χ^2/NDF : 770.0/24

-0.009 ± 0.005 χ^2/NDF : 21846.6/76

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.183 ± 0.008 χ^2/NDF : 602.0/13

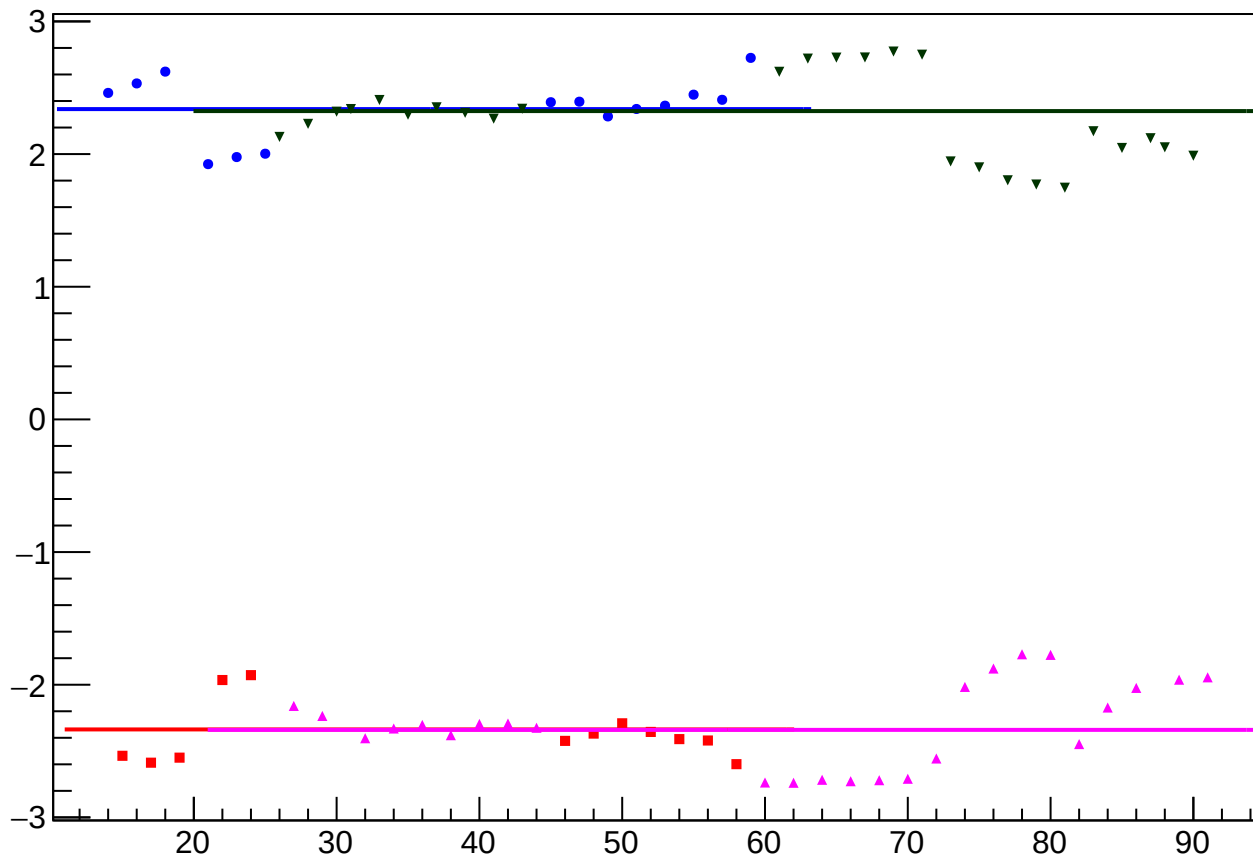
Left Out: 0.163 ± 0.008 χ^2/NDF : 1004.6/25

Right Out: -0.149 ± 0.009 χ^2/NDF : 852.8/11

Left In: -0.118 ± 0.007 χ^2/NDF : 1211.5/24

0.024 ± 0.004 χ^2/NDF : 5218.6/76

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.339 $\pm$ 0.002 χ^2 /NDF: 13453.5/13

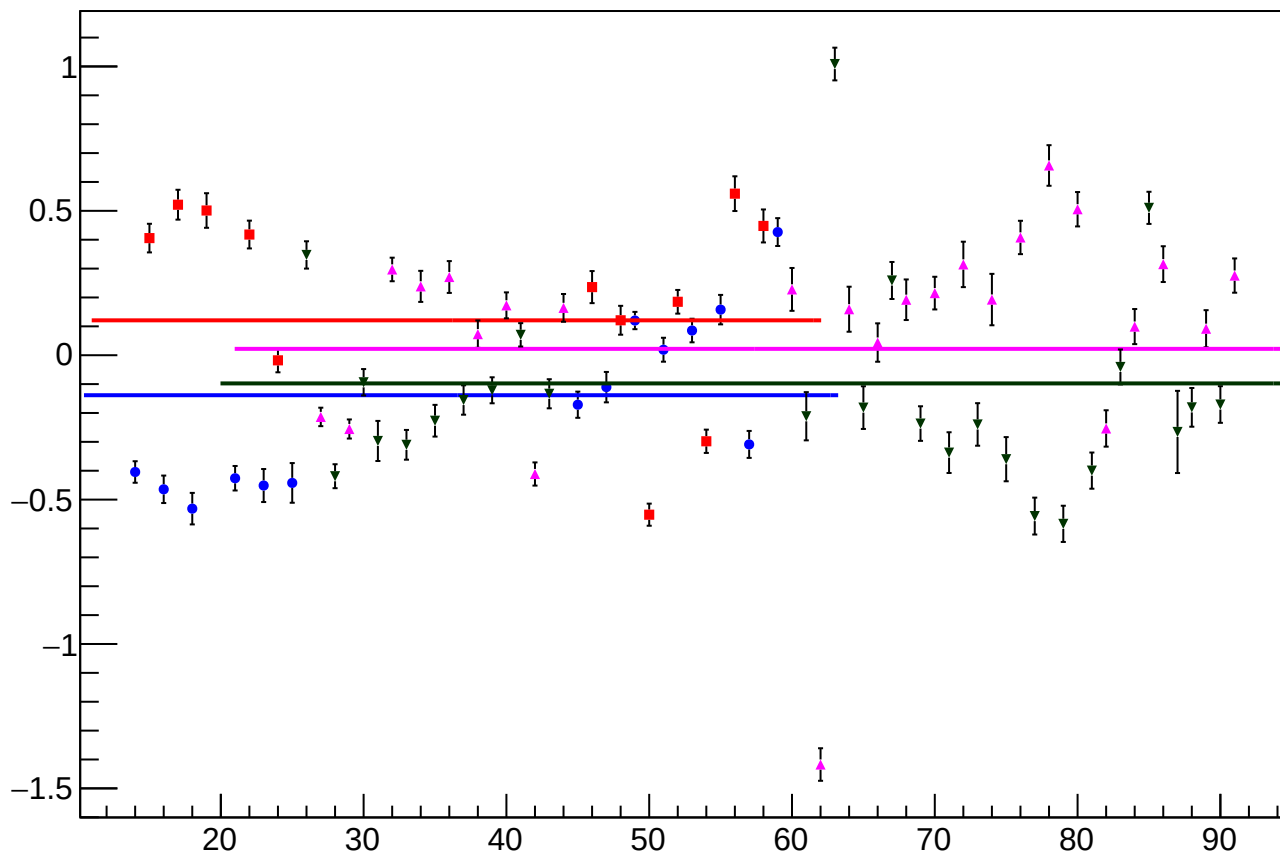
Left Out: 2.324 $\pm$ 0.001 χ^2 /NDF: 39365.8/25

0.061 $\pm$ 0.001 χ^2 /NDF: 8552963.4/76

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

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.138 ± 0.012 $\chi^2/\text{NDF}: 549.1/13$

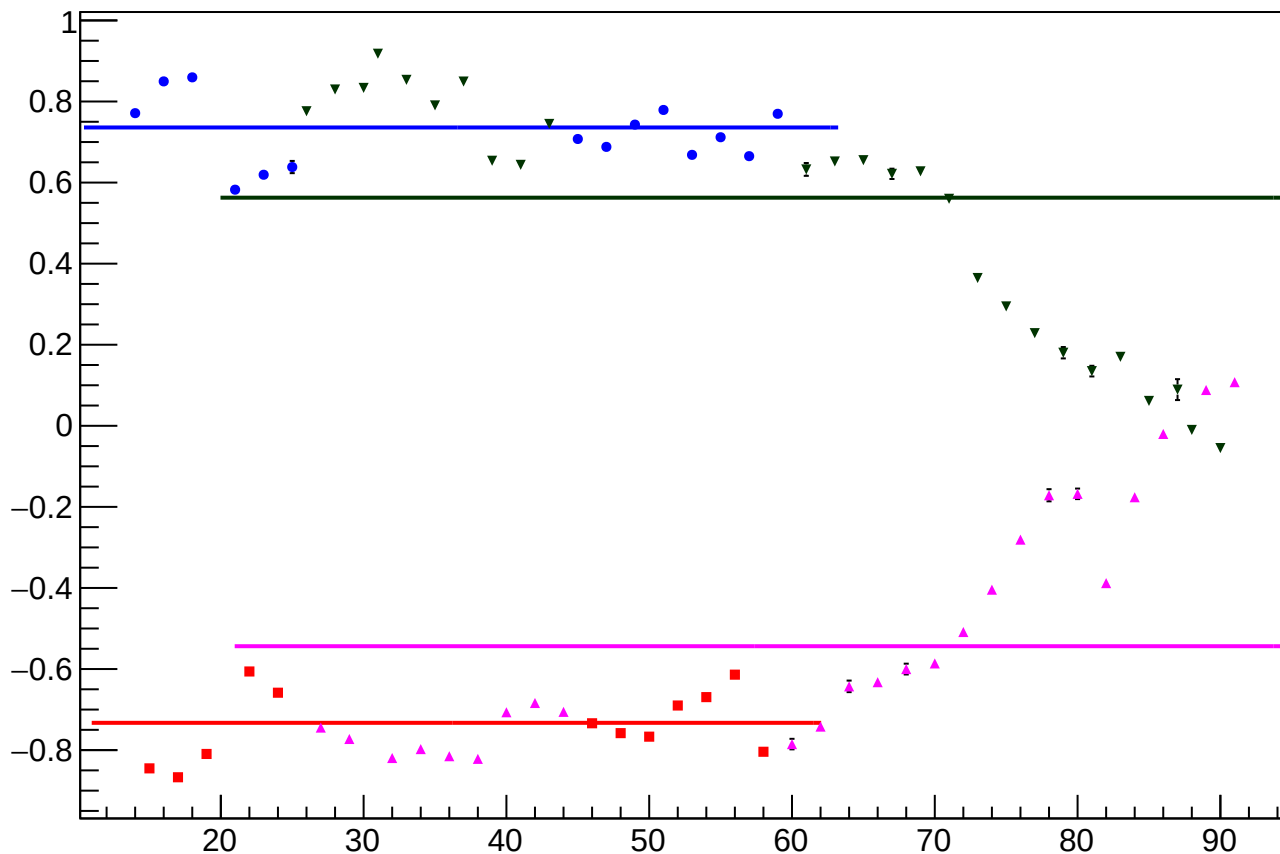
Left Out: -0.098 ± 0.011 $\chi^2/\text{NDF}: 906.0/25$

Right Out: 0.121 ± 0.014 $\chi^2/\text{NDF}: 692.1/11$

Left In: 0.022 ± 0.011 $\chi^2/\text{NDF}: 1297.4/24$

-0.031 ± 0.006 $\chi^2/\text{NDF}: 3707.1/76$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.736 ± 0.002 $\chi^2/\text{NDF}: 1220.7/13$

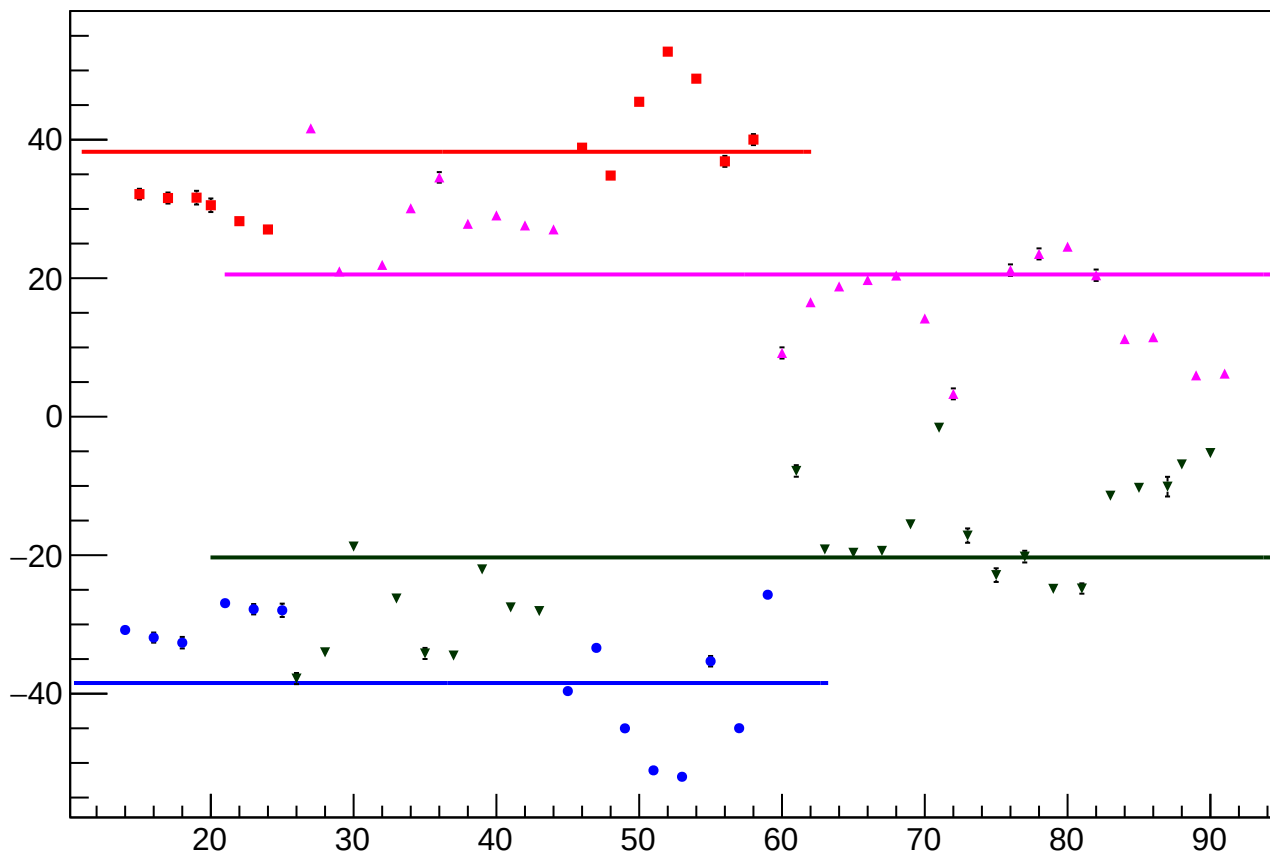
Left Out: 0.563 ± 0.002 $\chi^2/\text{NDF}: 22514.7/25$

0.042 ± 0.001 $\chi^2/\text{NDF}: 393311.7/76$

Right Out: -0.733 ± 0.002 $\chi^2/\text{NDF}: 1048.4/11$

Left In: -0.544 ± 0.002 $\chi^2/\text{NDF}: 20992.4/24$

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -38.459 $\pm$ 0.156 χ^2 /NDF: 3150.9/13

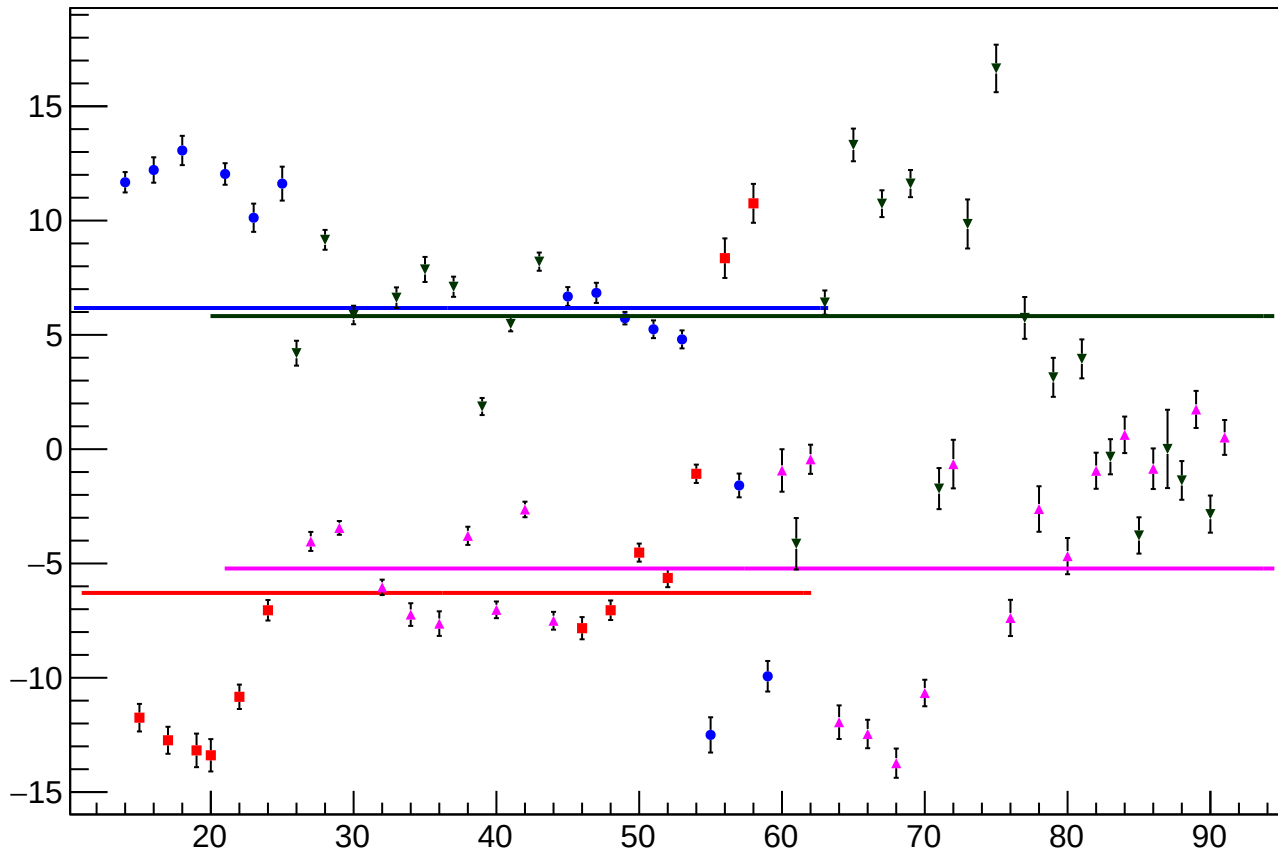
Left Out: -20.325 $\pm$ 0.121 χ^2 /NDF: 5499.4/24

Right Out: 38.255 $\pm$ 0.185 χ^2 /NDF: 2007.6/12

Left In: 20.539 $\pm$ 0.115 χ^2 /NDF: 5133.9/23

-1.376 $\pm$ 0.069 χ^2 /NDF: 178282.8/75

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 6.175 ± 0.124 χ^2/NDF : 2048.9/13

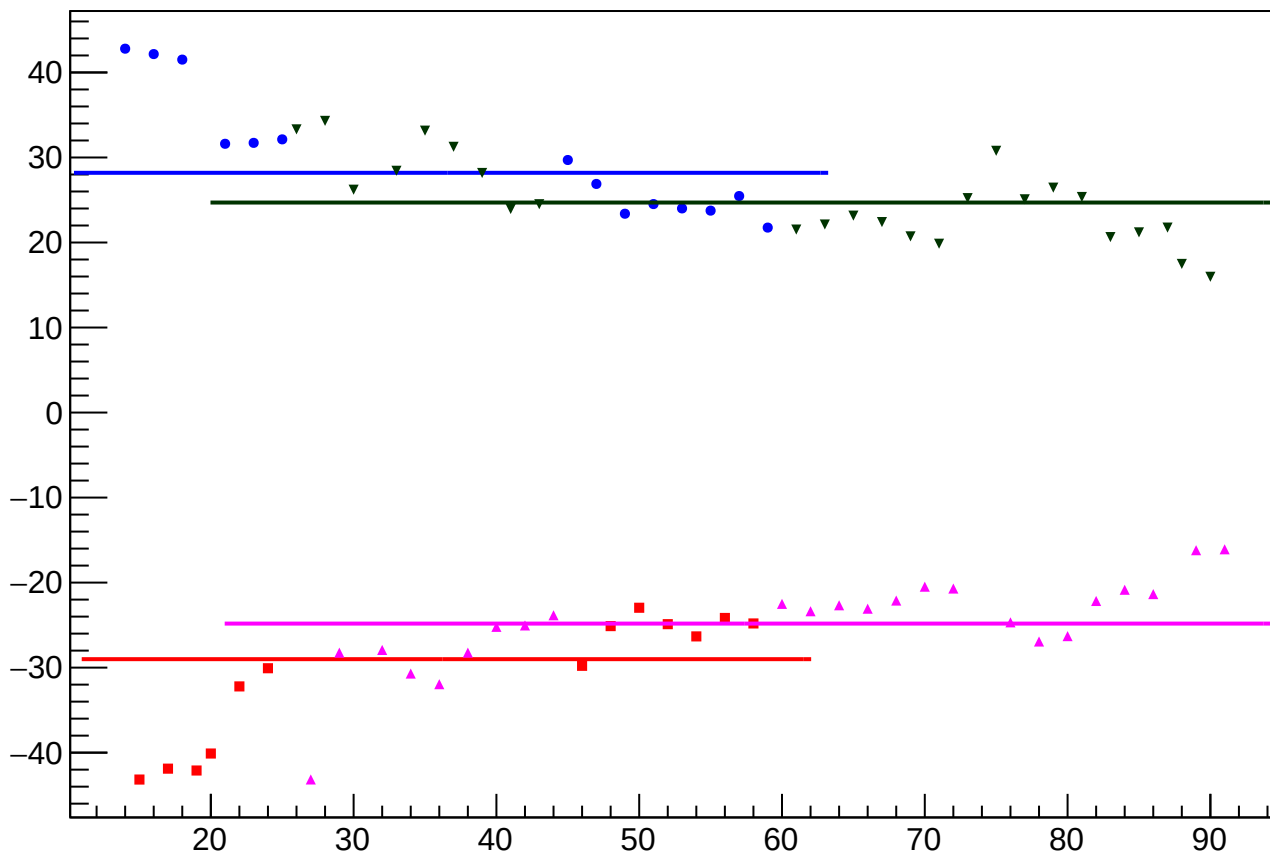
Left Out: 5.822 ± 0.114 χ^2/NDF : 1212.6/24

0.275 ± 0.060 χ^2/NDF : 15073.7/75

Right Out: -6.288 ± 0.143 χ^2/NDF : 1356.9/12

Left In: -5.220 ± 0.106 χ^2/NDF : 1047.3/23

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 28.198 $\pm$ 0.028 χ^2 /NDF: 47999.3/13

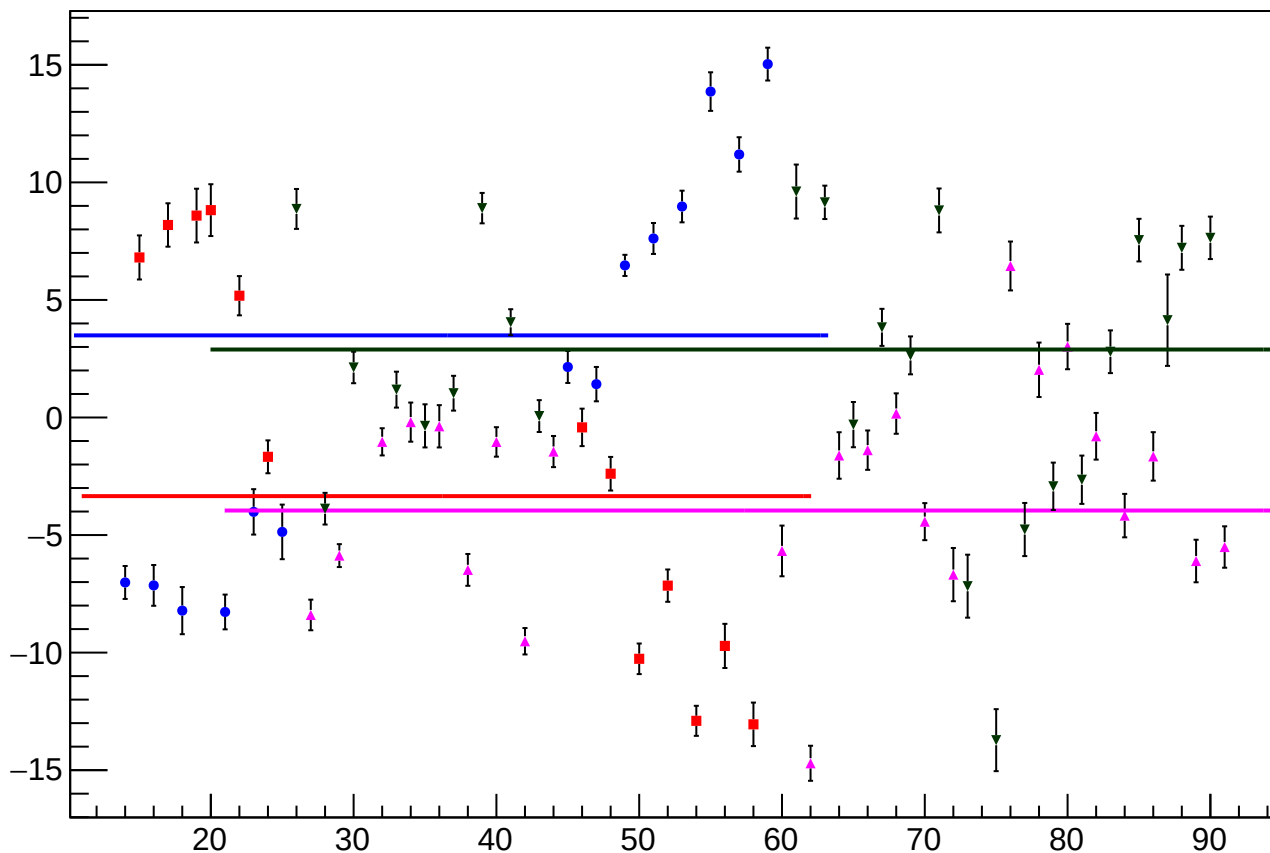
Left Out: 24.701 $\pm$ 0.021 χ^2 /NDF: 45519.3/24

0.303 $\pm$ 0.012 χ^2 /NDF: 4807600.7/75

Right Out: -29.006 $\pm$ 0.033 χ^2 /NDF: 35171.2/12

Left In: -24.821 $\pm$ 0.020 χ^2 /NDF: 56943.7/23

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 3.492 ± 0.193 χ^2/NDF : 1581.3/13

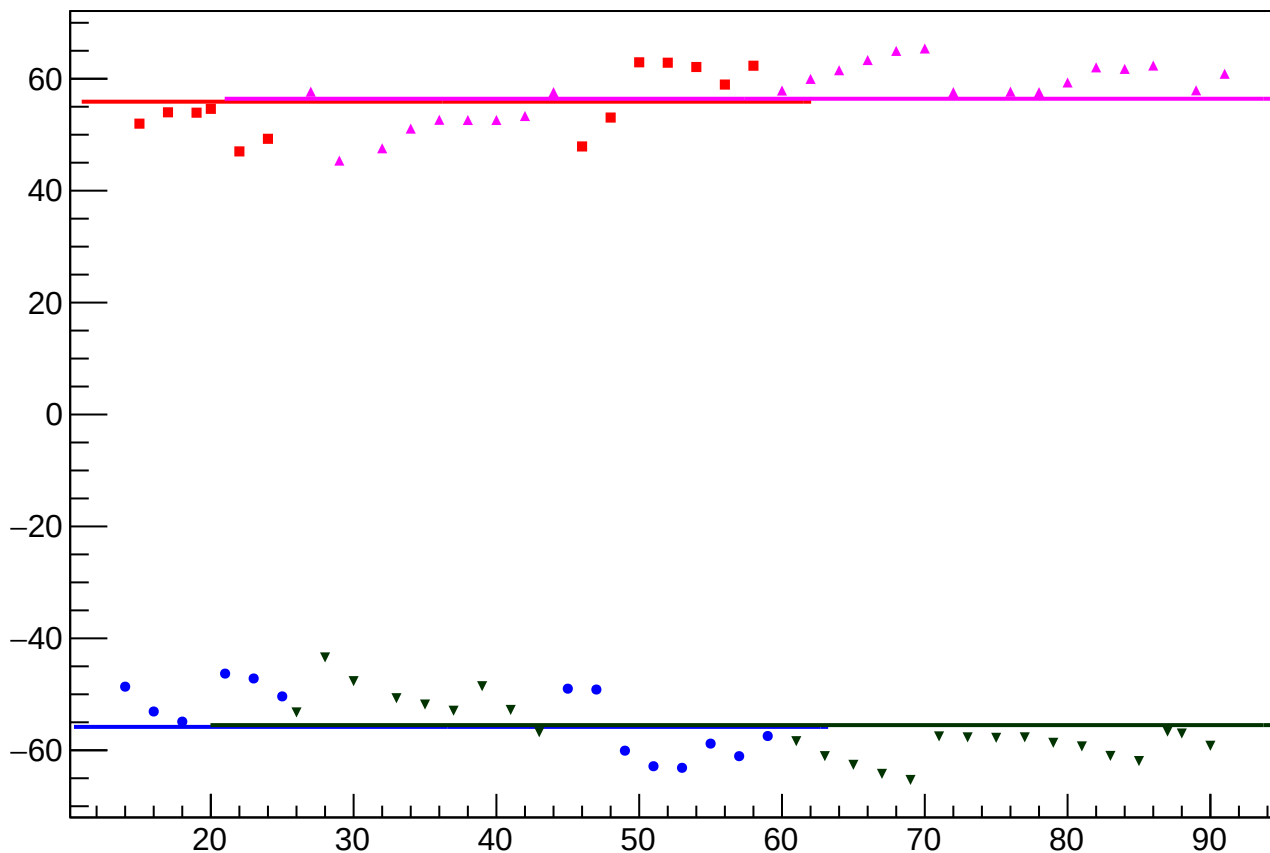
Left Out: 2.892 ± 0.168 χ^2/NDF : 848.0/24

-0.229 ± 0.091 χ^2/NDF : 5774.9/75

Right Out: -3.345 ± 0.223 χ^2/NDF : 1152.8/12

Left In: -3.956 ± 0.159 χ^2/NDF : 729.4/23

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.822 $\pm$ 0.036 χ^2 /NDF: 24446.4/13

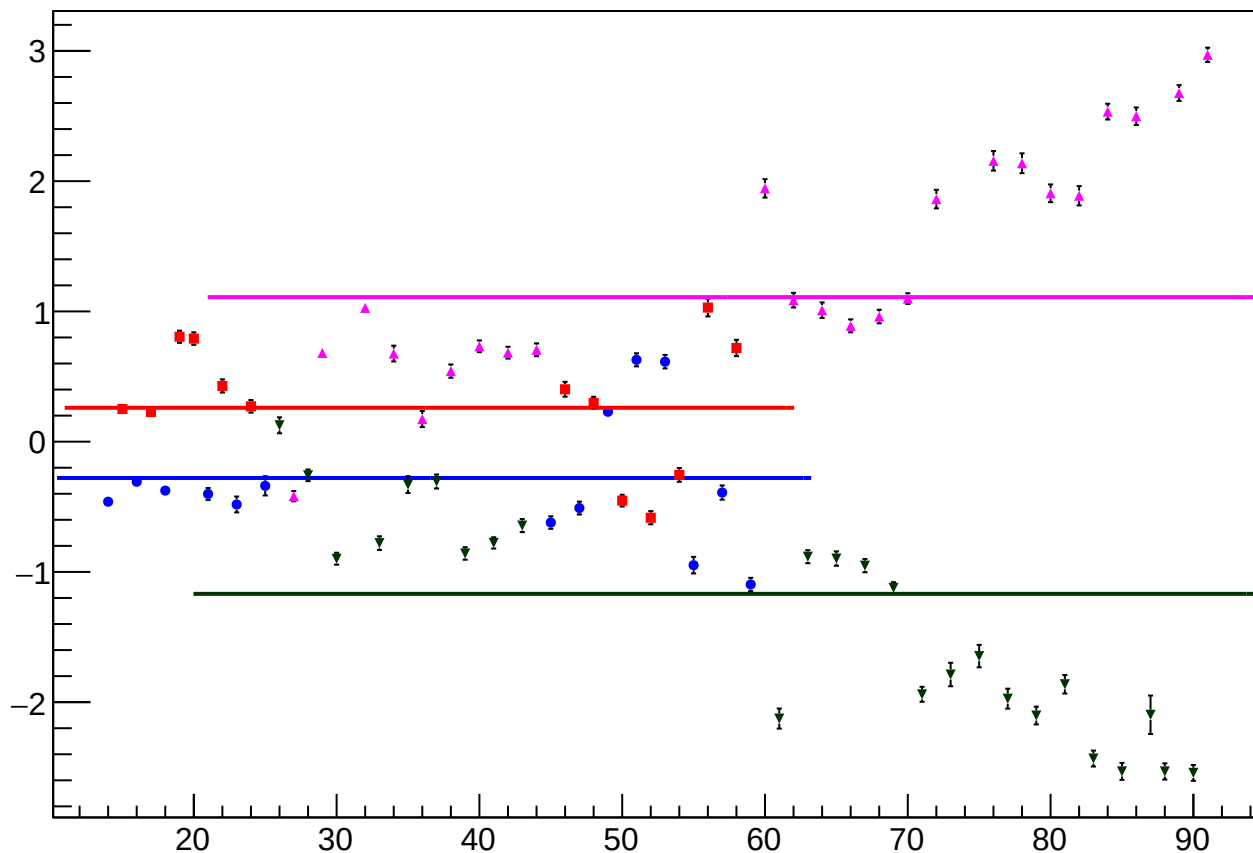
Left Out: -55.505 $\pm$ 0.030 χ^2 /NDF: 36528.4/24

Right Out: 55.901 $\pm$ 0.041 χ^2 /NDF: 21207.8/12

Left In: 56.425 $\pm$ 0.030 χ^2 /NDF: 35749.8/23

-2.457 $\pm$ 0.017 χ^2 /NDF: 11215258.4/75

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.279 ± 0.011 χ^2/NDF : 1417.4/13

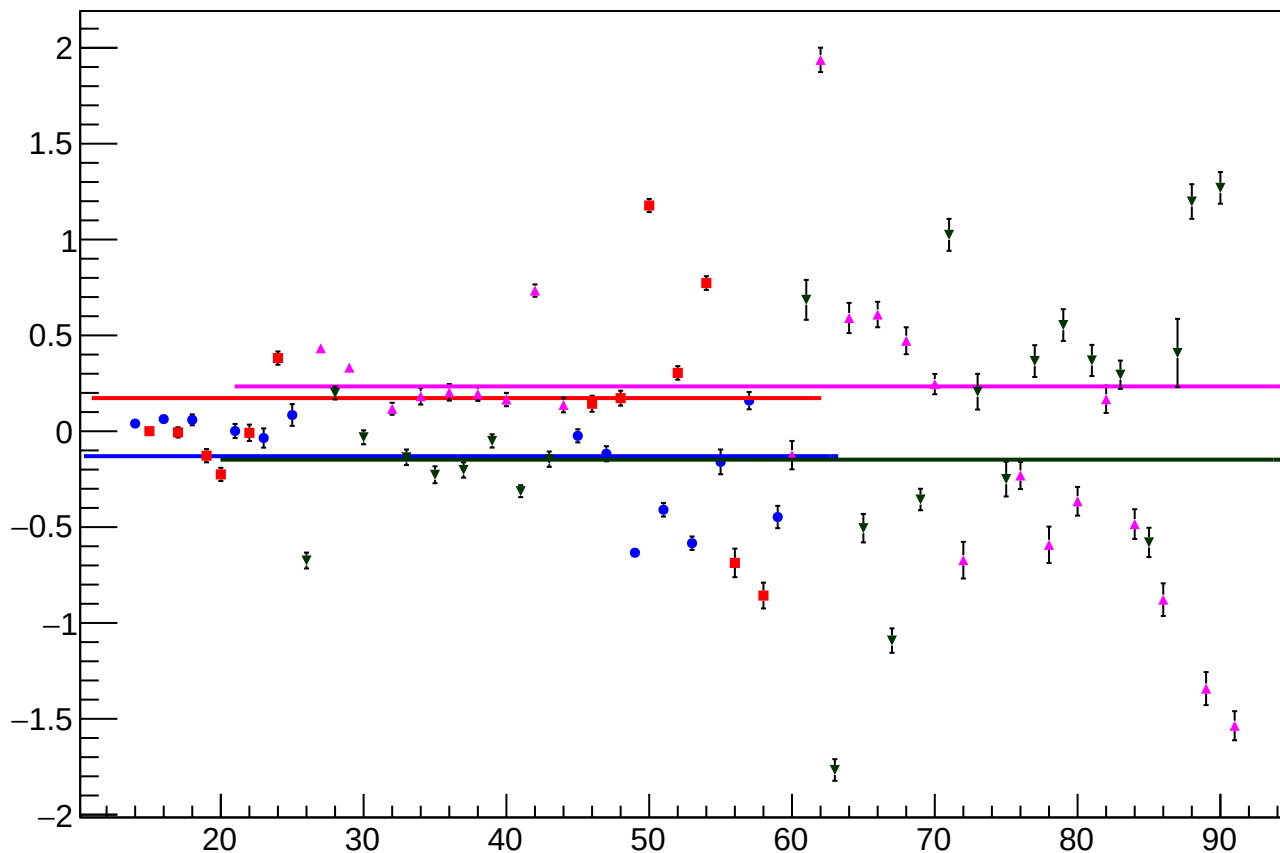
Left Out: -1.168 ± 0.011 χ^2/NDF : 4379.6/24

Right Out: 0.260 ± 0.013 χ^2/NDF : 1083.0/12

Left In: 1.110 ± 0.011 χ^2/NDF : 6006.4/23

0.005 ± 0.006 χ^2/NDF : 34896.9/75

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.130 ± 0.009 χ^2/NDF : 912.7/13

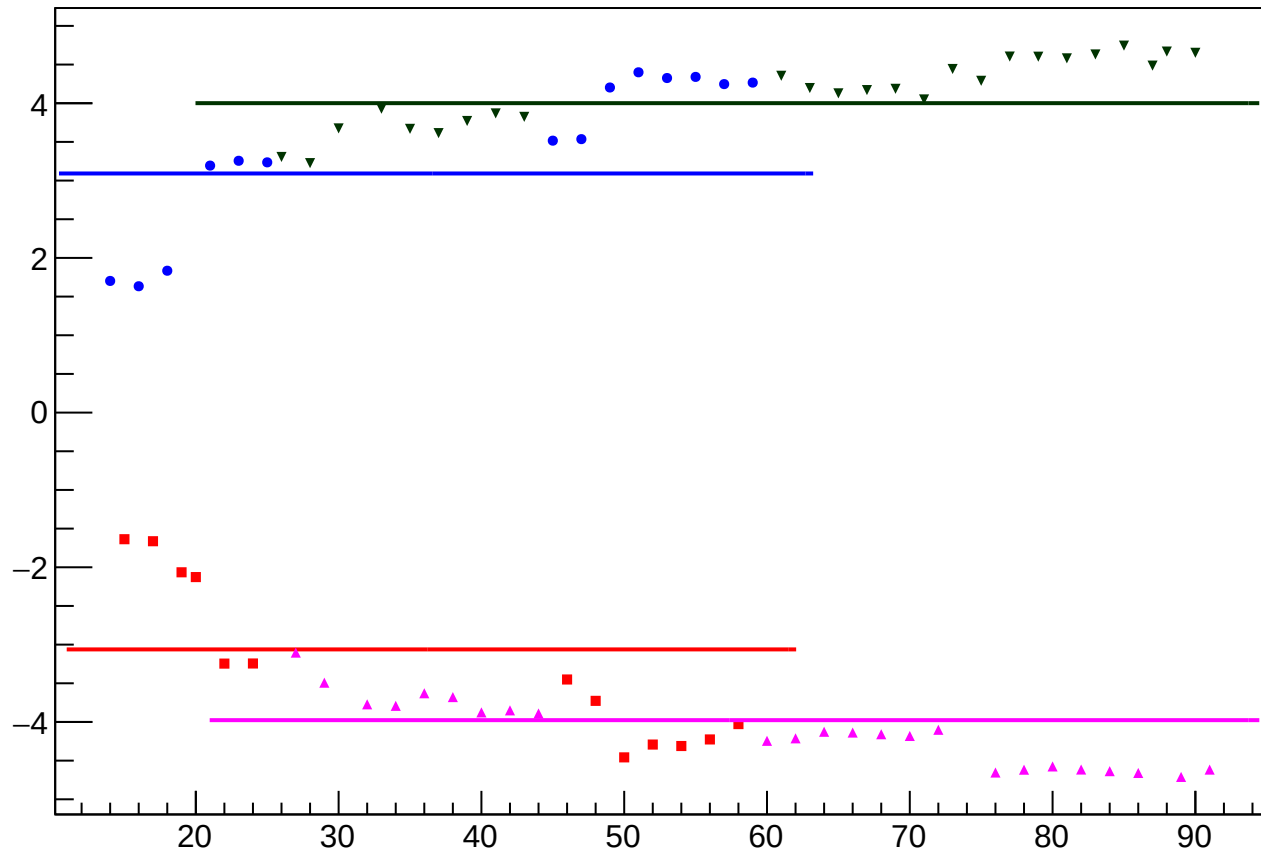
Left Out: -0.148 ± 0.010 χ^2/NDF : 2422.4/24

Right Out: 0.173 ± 0.010 χ^2/NDF : 1872.6/12

Left In: 0.234 ± 0.009 χ^2/NDF : 2561.4/23

0.032 ± 0.005 χ^2/NDF : 9056.4/75

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.092 ± 0.002 χ^2/NDF : 279333.5/13

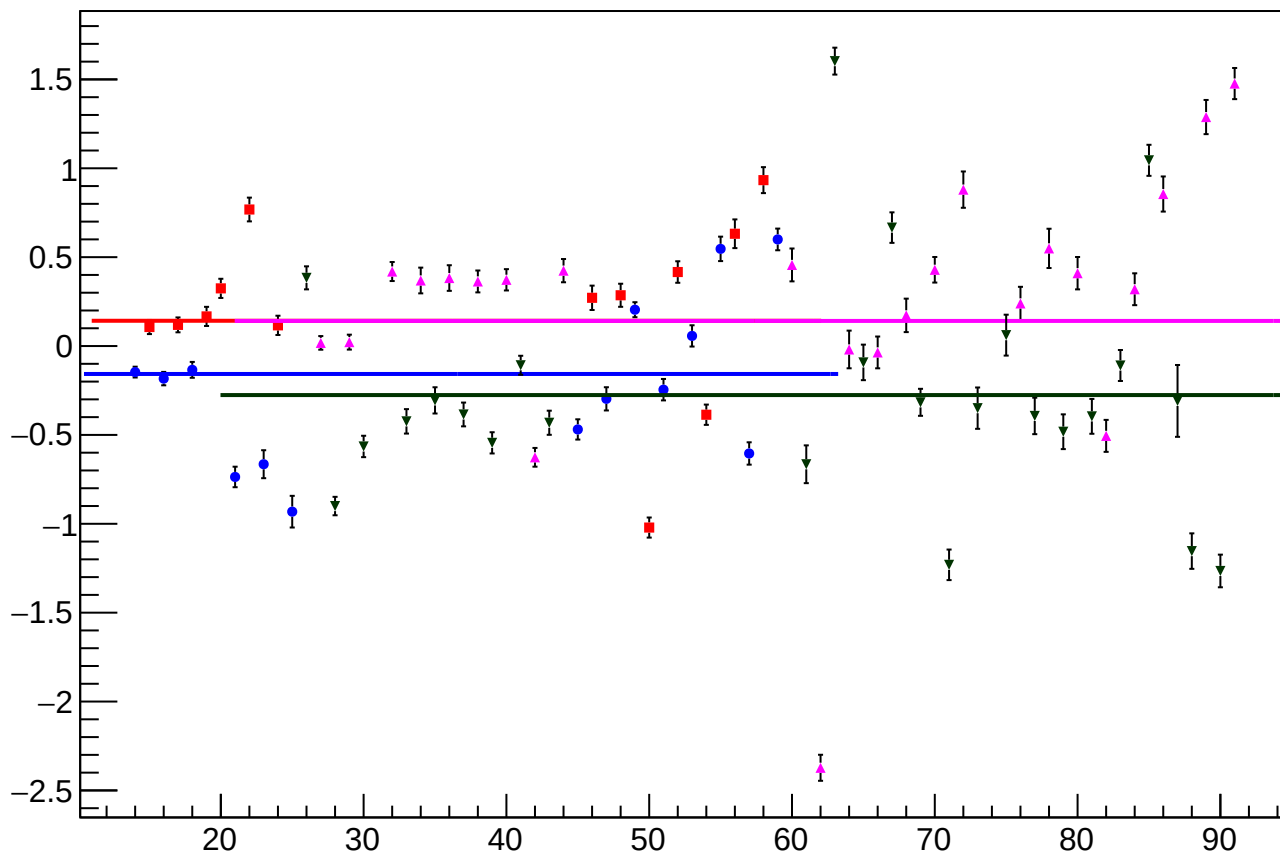
Left Out: 4.001 ± 0.002 χ^2/NDF : 42853.5/24

0.029 ± 0.001 χ^2/NDF : 12779482.2/75

Right Out: -3.062 ± 0.002 χ^2/NDF : 206814.0/12

Left In: -3.977 ± 0.002 χ^2/NDF : 50745.6/23

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.157 ± 0.014 χ^2/NDF : 651.1/13

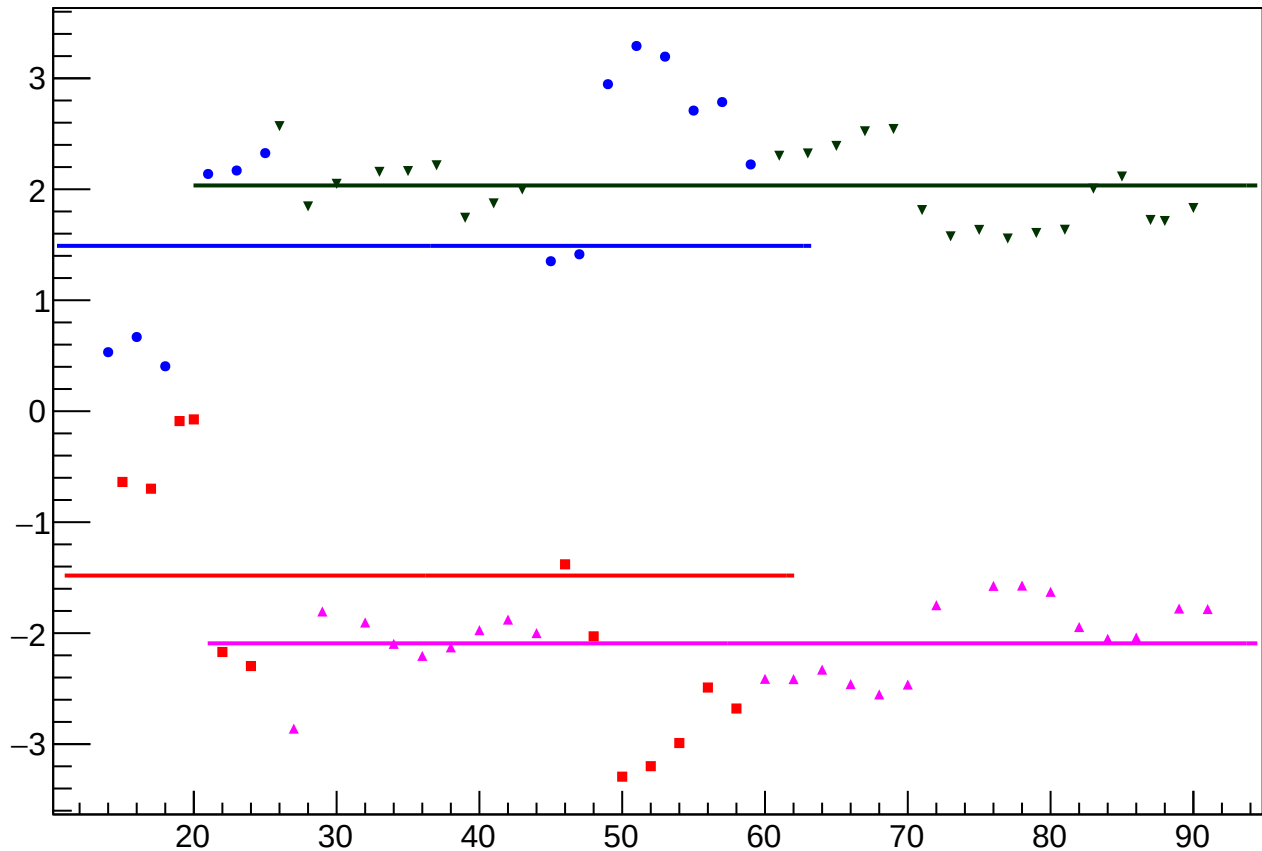
Left Out: -0.276 ± 0.016 χ^2/NDF : 1633.2/24

Right Out: 0.142 ± 0.016 χ^2/NDF : 793.1/12

Left In: 0.141 ± 0.014 χ^2/NDF : 2095.9/23

-0.037 ± 0.007 χ^2/NDF : 5774.3/75

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.490 $\pm$ 0.003 χ^2 /NDF: 187408.7/13

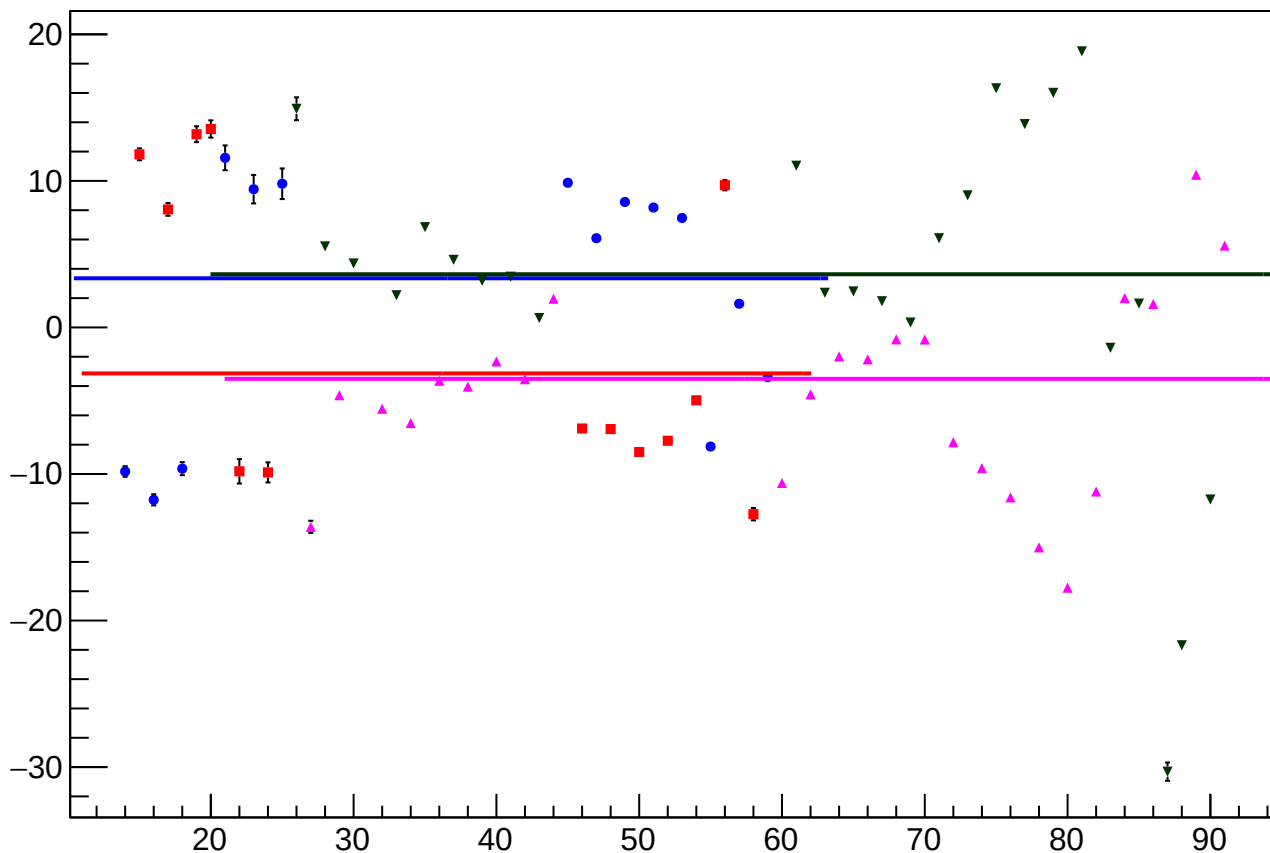
Left Out: 2.034 $\pm$ 0.003 χ^2 /NDF:11571.4/24

0.069 $\pm$ 0.001 χ^2 /NDF: 2148771.4/75

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

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 3.354 $\pm$ 0.083 χ^2 /NDF: 7931.8/13

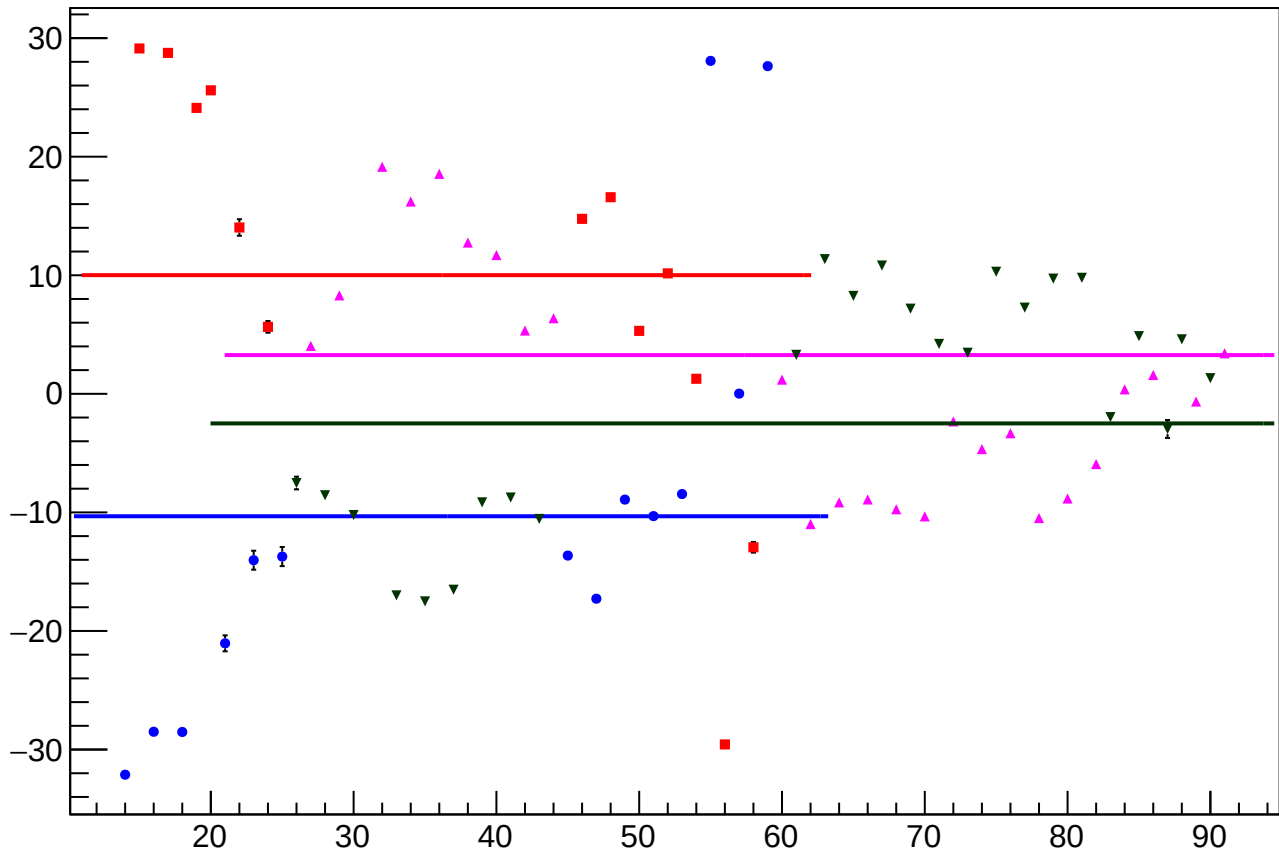
Left Out: 3.630 $\pm$ 0.042 χ^2 /NDF:30856.0/24

Right Out: -3.137 $\pm$ 0.098 χ^2 /NDF: 6964.7/12

Left In: -3.506 $\pm$ 0.041 χ^2 /NDF:18873.4/24

0.068 $\pm$ 0.026 χ^2 /NDF: 82241.8/76

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -10.326 ± 0.066 χ^2/NDF : 41543.5/13

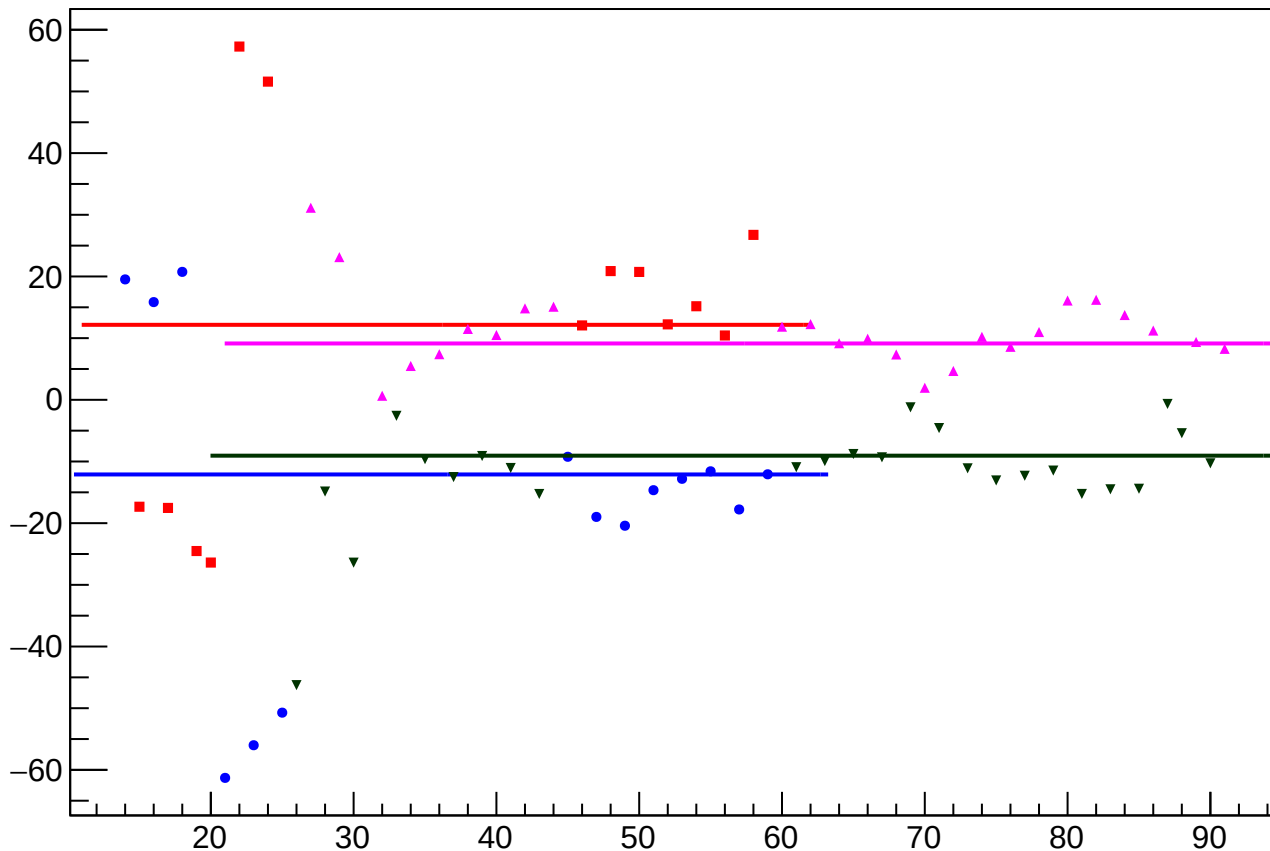
Left Out: -2.496 ± 0.043 χ^2/NDF : 54447.6/24

Right Out: 10.009 ± 0.075 χ^2/NDF : 26793.4/12

Left In: 3.269 ± 0.041 χ^2/NDF : 60873.0/24

-0.014 ± 0.025 χ^2/NDF : 235885.5/76

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -12.101 $\pm$ 0.015 χ^2 /NDF: 804625.5/13

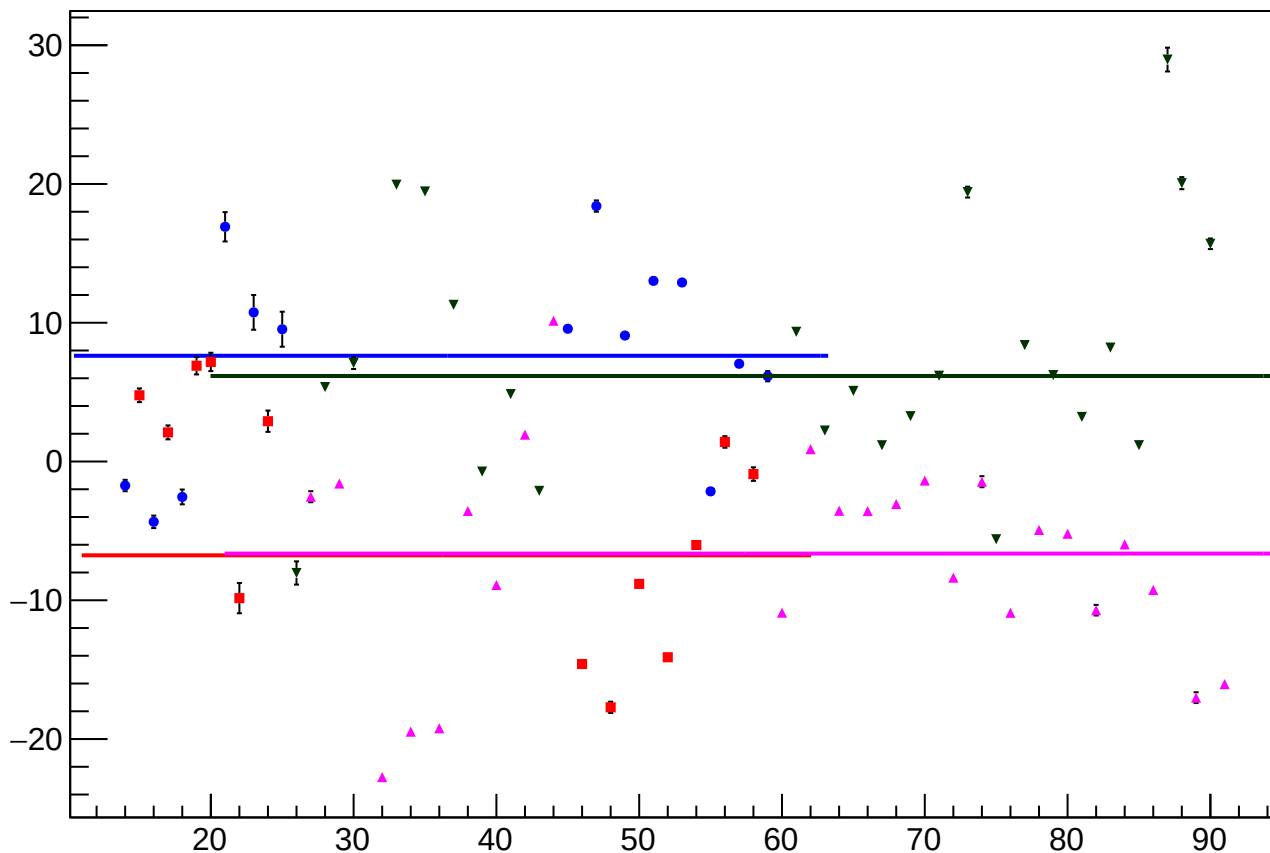
Left Out: -9.057 $\pm$ 0.008 χ^2 /NDF: 529064.3/24

0.049 $\pm$ 0.005 χ^2 /NDF: 6860420.2/76

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

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 7.620+/-0.102 χ^2/NDF : 3844.4/13

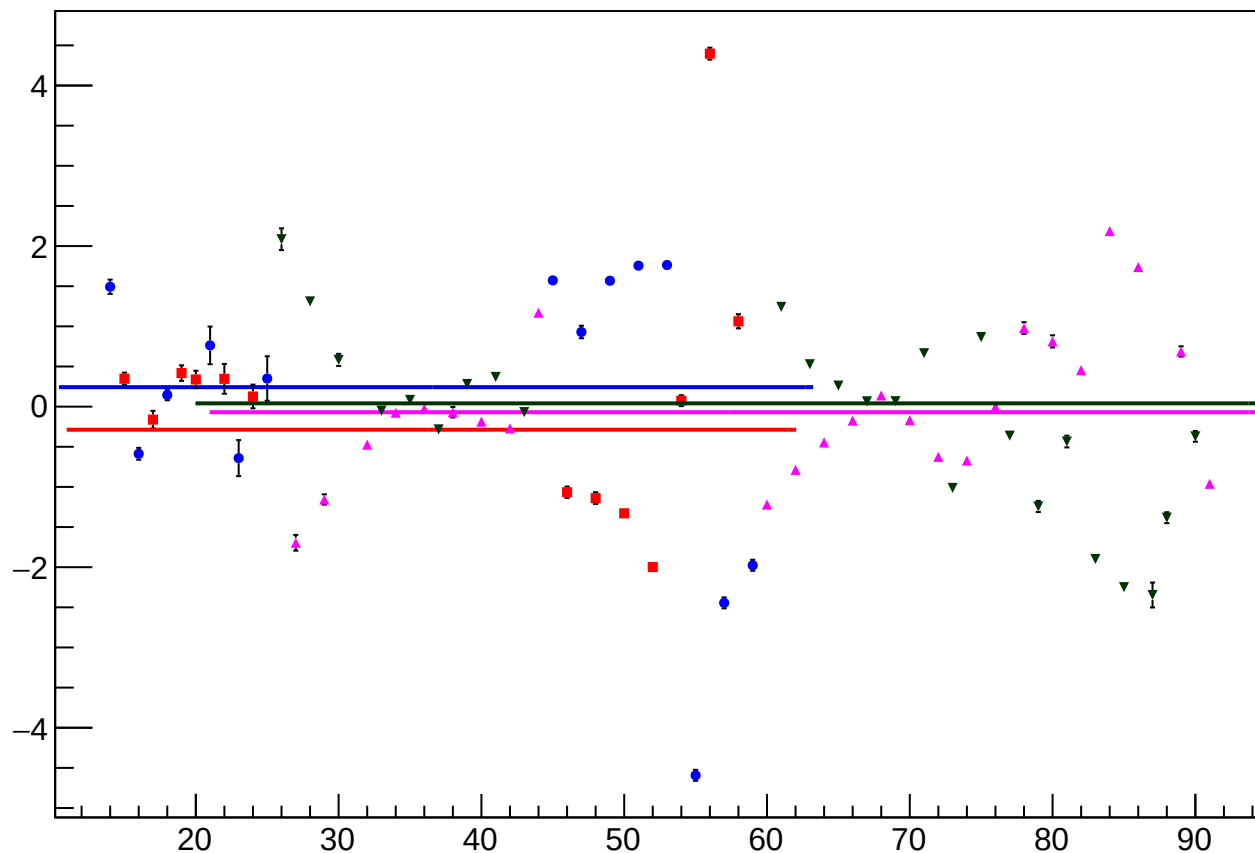
Left Out: 6.163+/-0.060 χ^2/NDF :12259.0/24

Right Out: -6.761+/-0.117 χ^2/NDF : 4410.1/12

Left In: -6.635+/-0.058 χ^2/NDF :17255.9/24

-0.028+/-0.037 χ^2/NDF : 70119.0/76

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.243+/-0.019 χ^2/NDF : 10832.2/13

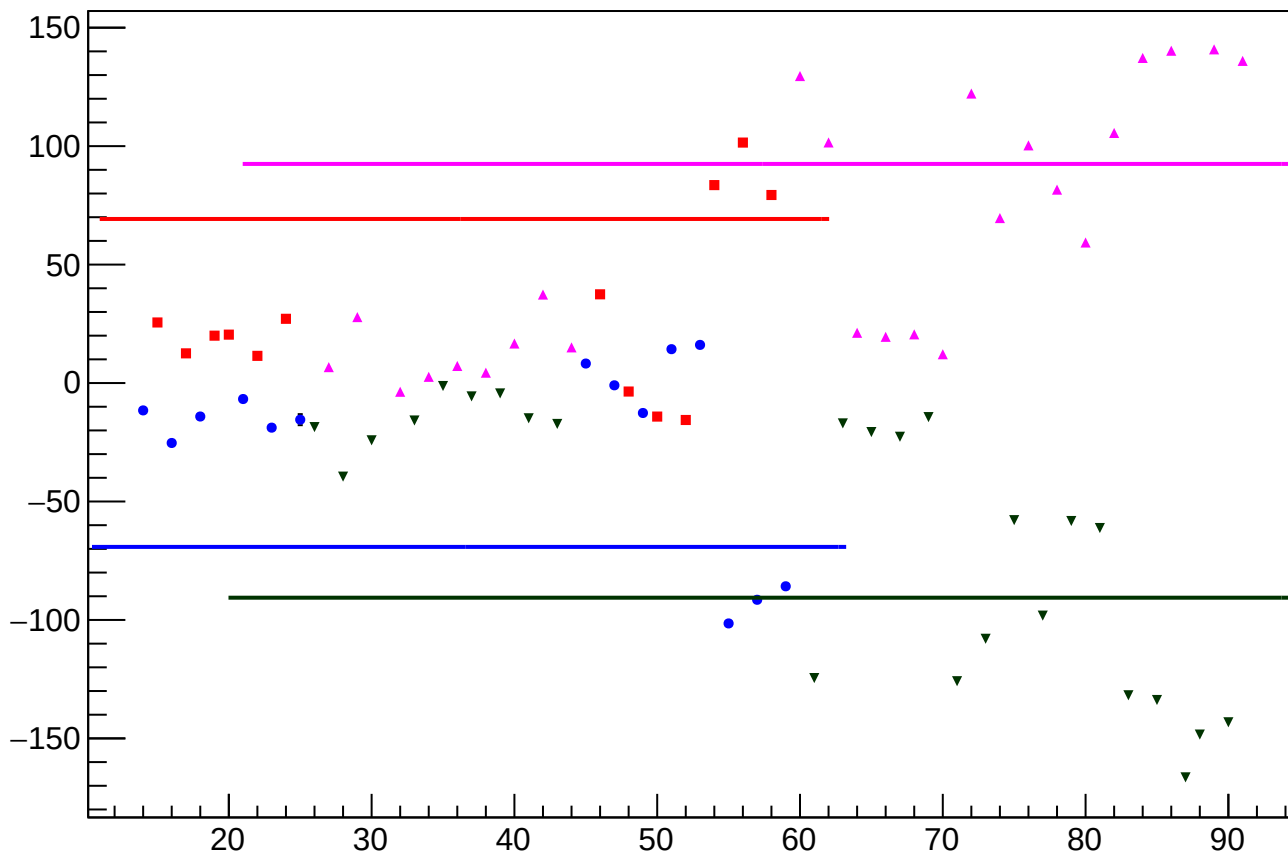
Left Out: 0.041+/-0.011 χ^2/NDF : 6496.4/24

Right Out: -0.287+/-0.021 χ^2/NDF : 6267.2/12

Left In: -0.069+/-0.010 χ^2/NDF : 5739.8/24

-0.010+/-0.007 χ^2/NDF : 29737.7/76

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -69.165 $\pm$ 0.263 χ^2 /NDF: 22409.1/13

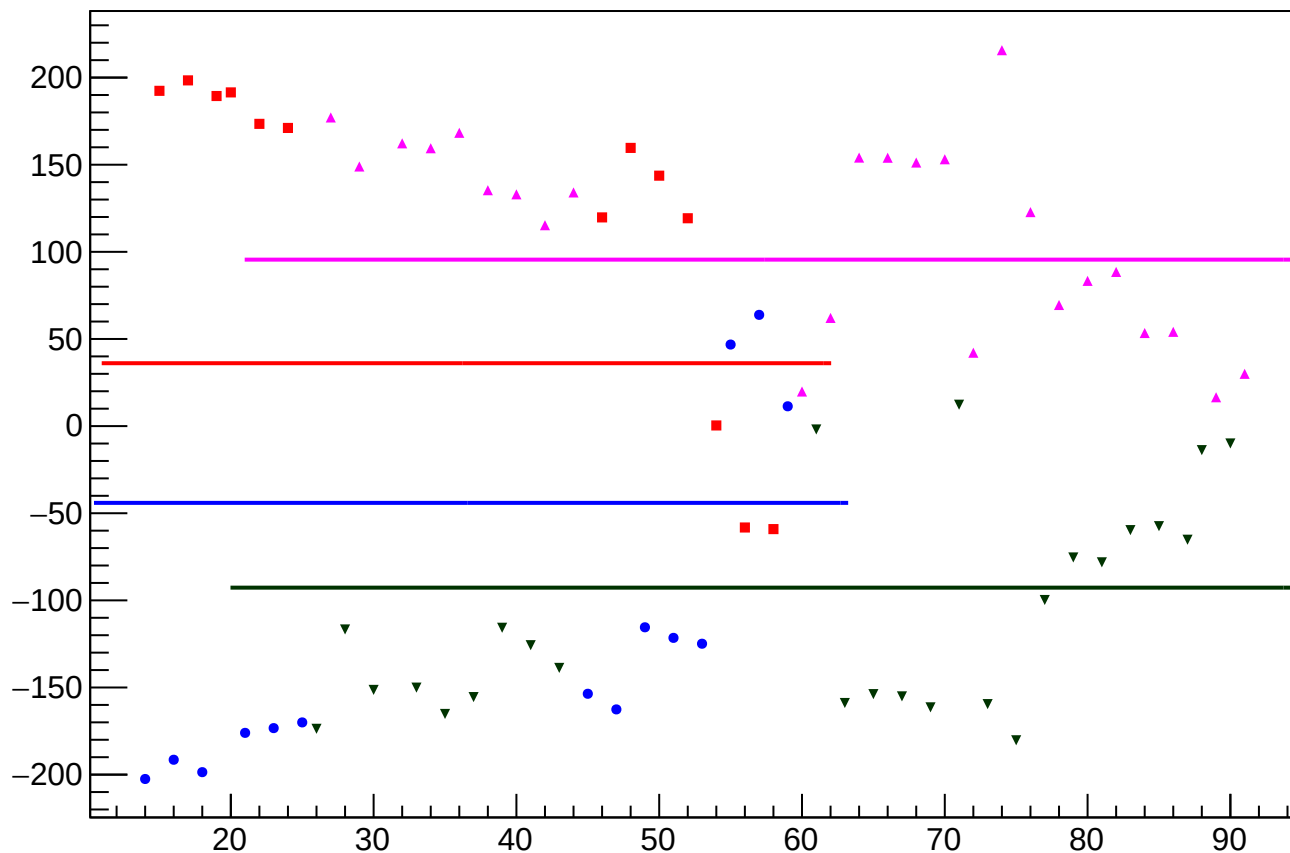
Left Out: -90.606 $\pm$ 0.171 χ^2 /NDF: 72668.8/24

Right Out: 69.257 $\pm$ 0.277 χ^2 /NDF: 15877.6/12

Left In: 92.489 $\pm$ 0.167 χ^2 /NDF: 72332.1/24

1.249 $\pm$ 0.101 χ^2 /NDF: 905891.2/76

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -44.053 $\pm$ 0.249 χ^2 /NDF: 175713.2/13

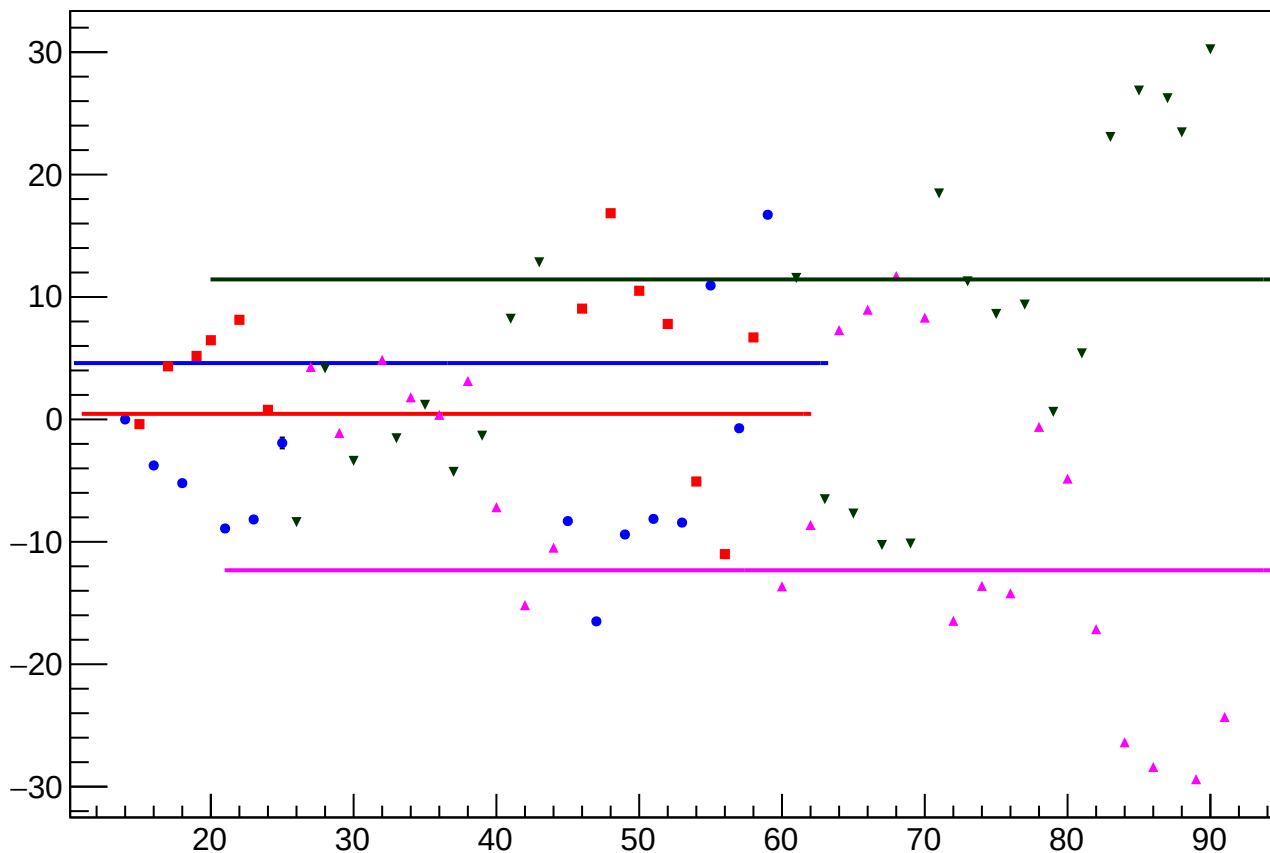
Left Out: -92.700 $\pm$ 0.190 χ^2 /NDF: 86289.5/24

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

2.364 $\pm$ 0.106 χ^2 /NDF: 1070762.9/76

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 4.602 ± 0.046 $\chi^2/\text{NDF}: 43264.2/13$

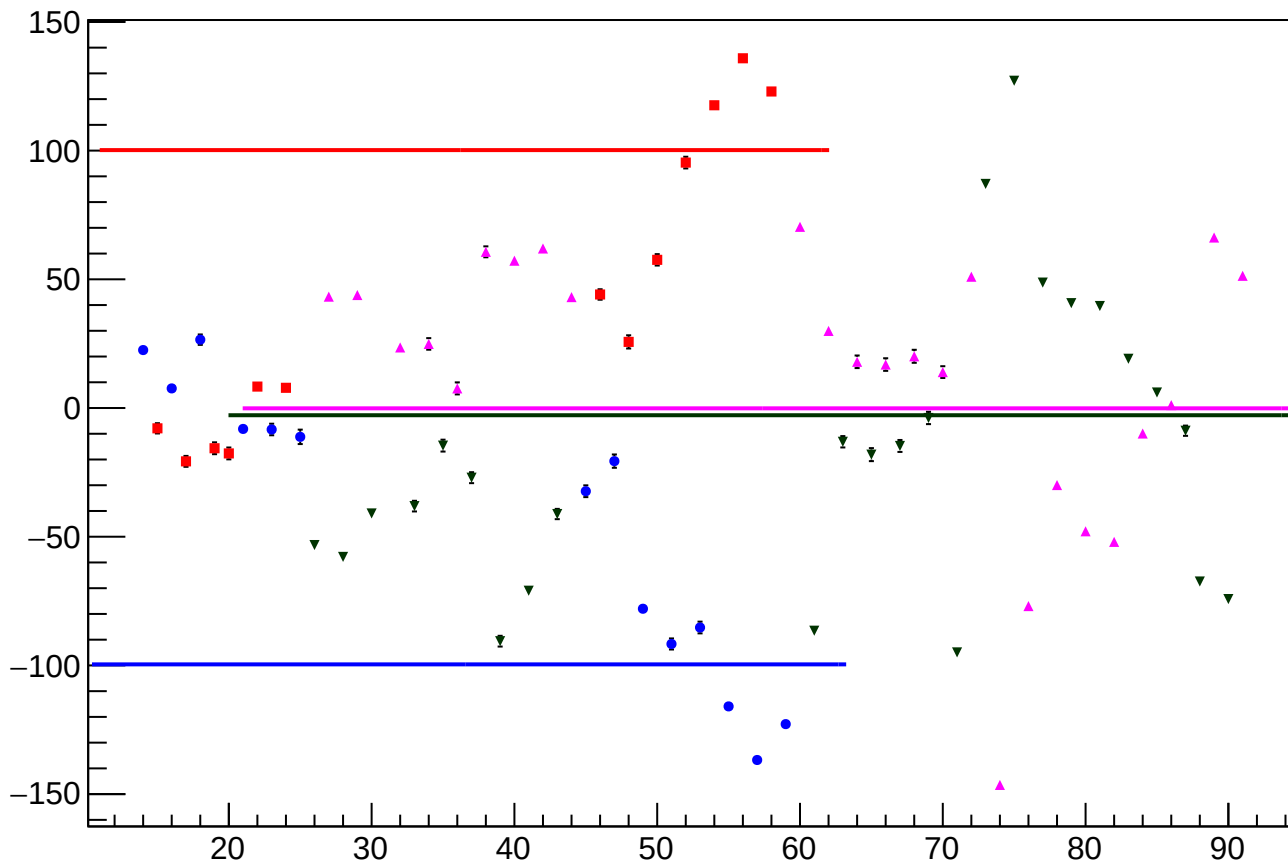
Left Out: 11.435 ± 0.032 $\chi^2/\text{NDF}: 127442.7/24$

Right Out: 0.454 ± 0.048 $\chi^2/\text{NDF}: 29795.4/12$

Left In: -12.322 ± 0.031 $\chi^2/\text{NDF}: 137045.1/24$

0.126 ± 0.018 $\chi^2/\text{NDF}: 635420.9/76$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -99.592 $\pm$ 0.305 χ^2 /NDF: 25419.1/13

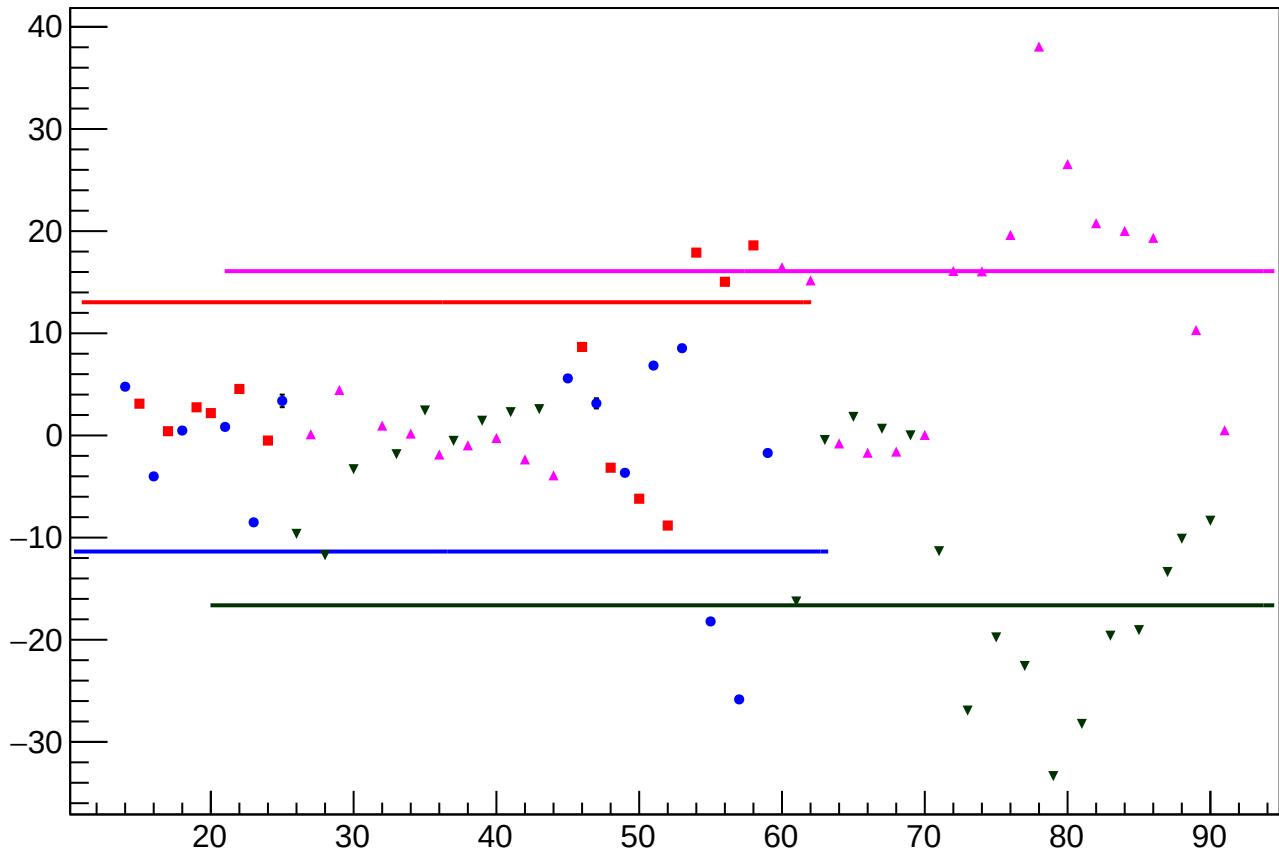
Left Out: -2.803 $\pm$ 0.237 χ^2 /NDF: 69238.5/24

-3.165 $\pm$ 0.132 χ^2 /NDF: 370961.2/76

Right Out: 100.196 $\pm$ 0.326 χ^2 /NDF: 23911.0/12

Left In: -0.124 $\pm$ 0.225 χ^2 /NDF: 51872.5/24

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -11.363 ± 0.057 χ^2/NDF : 39360.2/13

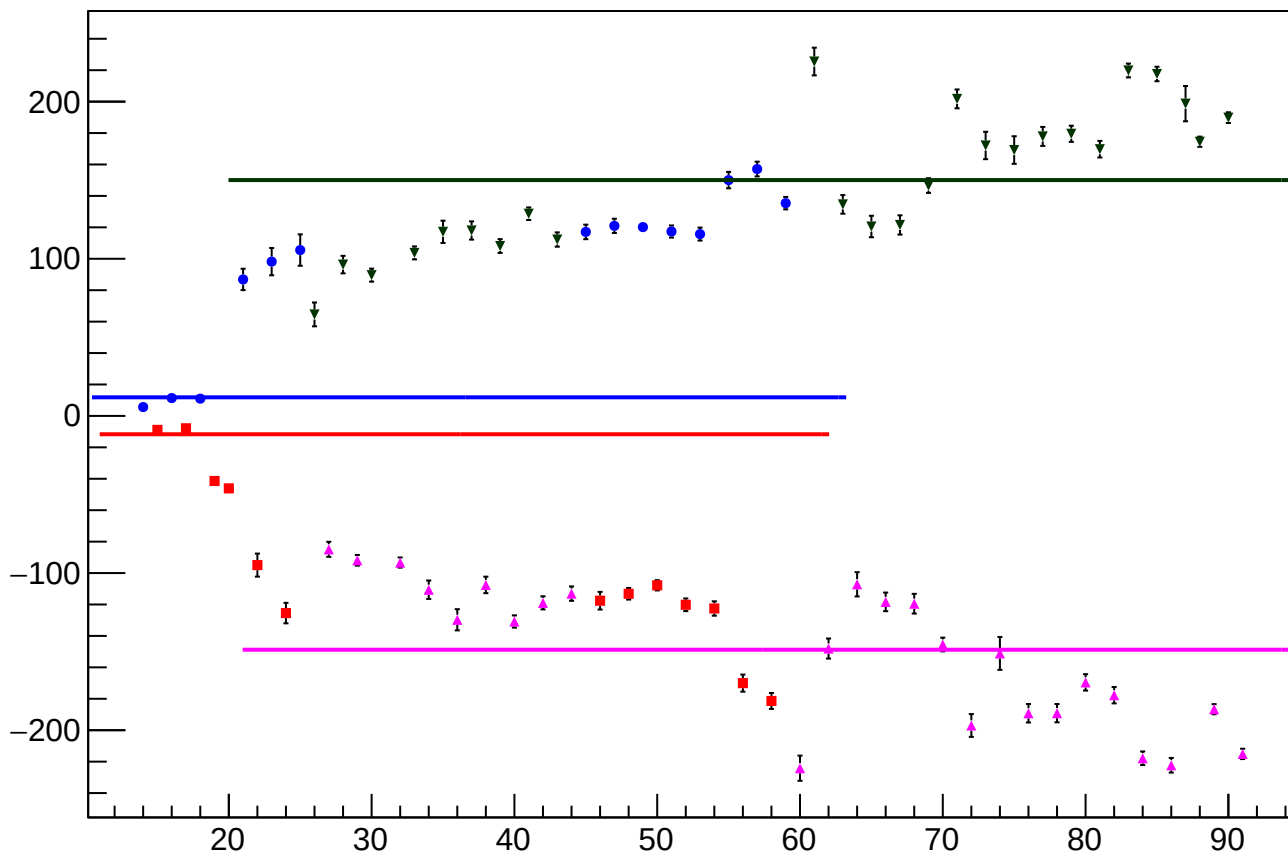
Left Out: -16.628 ± 0.041 χ^2/NDF : 50689.0/24

Right Out: 13.039 ± 0.059 χ^2/NDF : 17000.8/12

Left In: 16.084 ± 0.041 χ^2/NDF : 57380.8/24

-0.014 ± 0.024 χ^2/NDF : 577721.3/76

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 11.828 $\pm$ 0.214 χ^2 /NDF: 8206.3/13

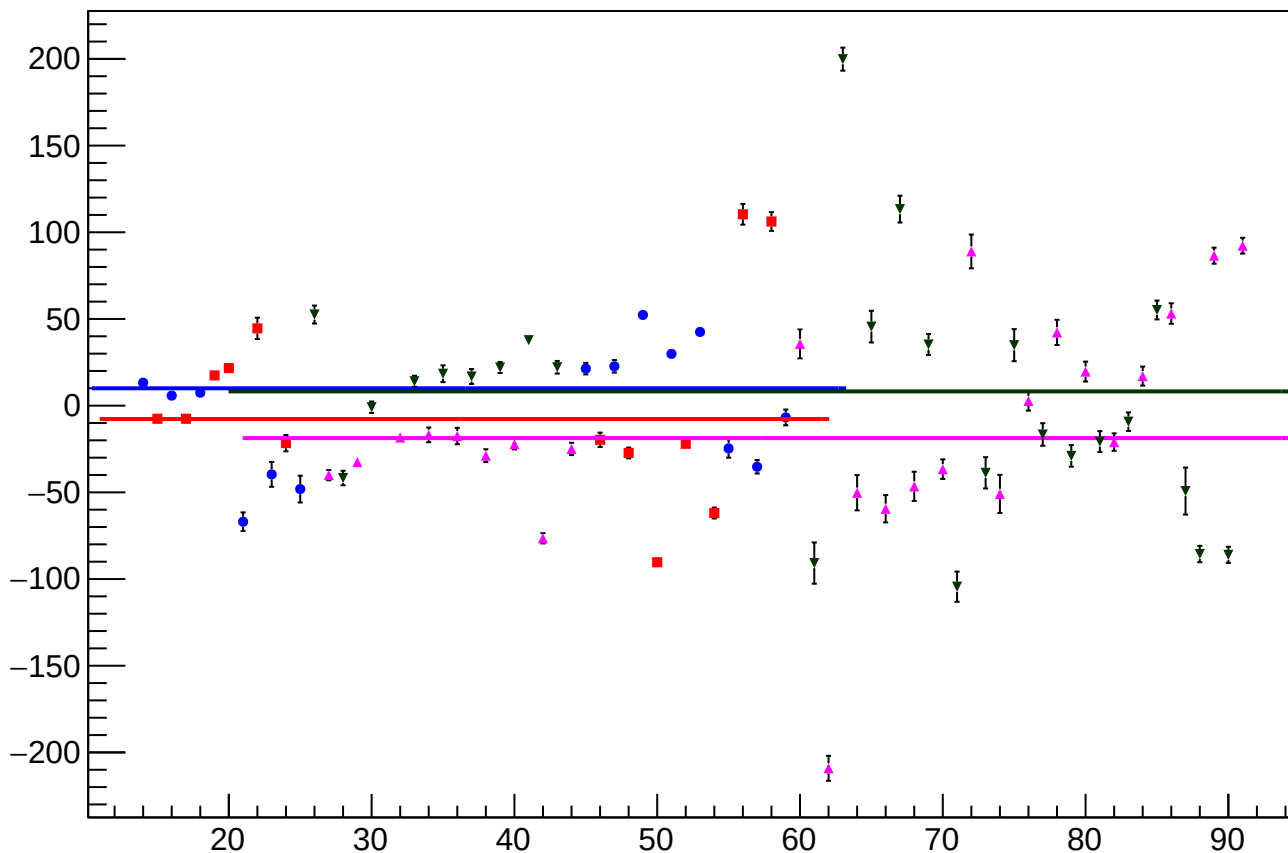
Left Out: 150.074 $\pm$ 1.024 χ^2 /NDF: 1746.7/24

Right Out: -11.674 $\pm$ 0.237 χ^2 /NDF: 6084.6/12

Left In: -148.787 $\pm$ 0.956 χ^2 /NDF: 2396.2/24

0.747 $\pm$ 0.155 χ^2 /NDF: 69616.7/76

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 10.005 ± 0.159 χ^2/NDF : 1719.6/13

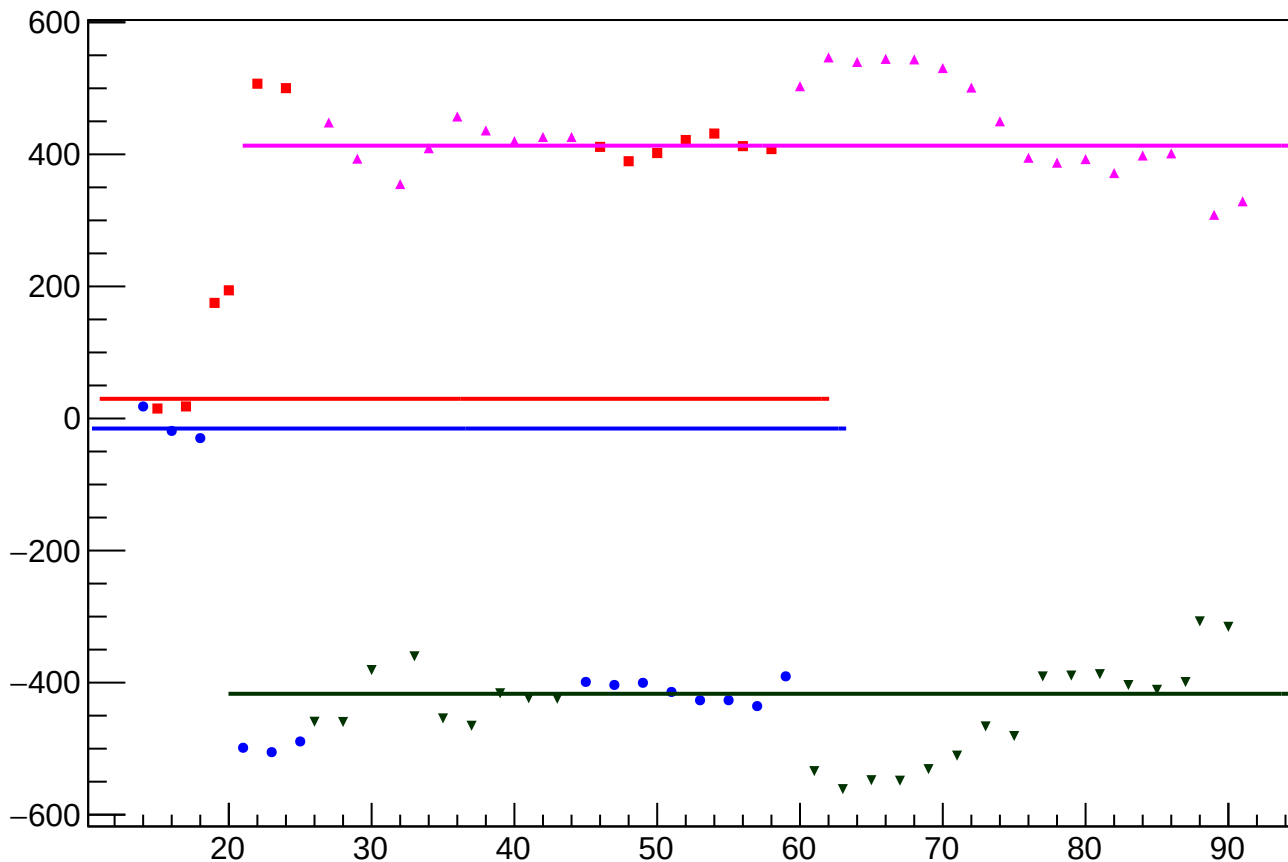
Left Out: 8.224 ± 0.979 χ^2/NDF : 2687.2/24

Right Out: -7.703 ± 0.182 χ^2/NDF : 2685.1/12

Left In: -18.714 ± 0.882 χ^2/NDF : 2842.4/24

2.011 ± 0.118 χ^2/NDF : 15907.6/76

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -15.194 ± 0.042 $\chi^2/\text{NDF}: 3308239.8/13$

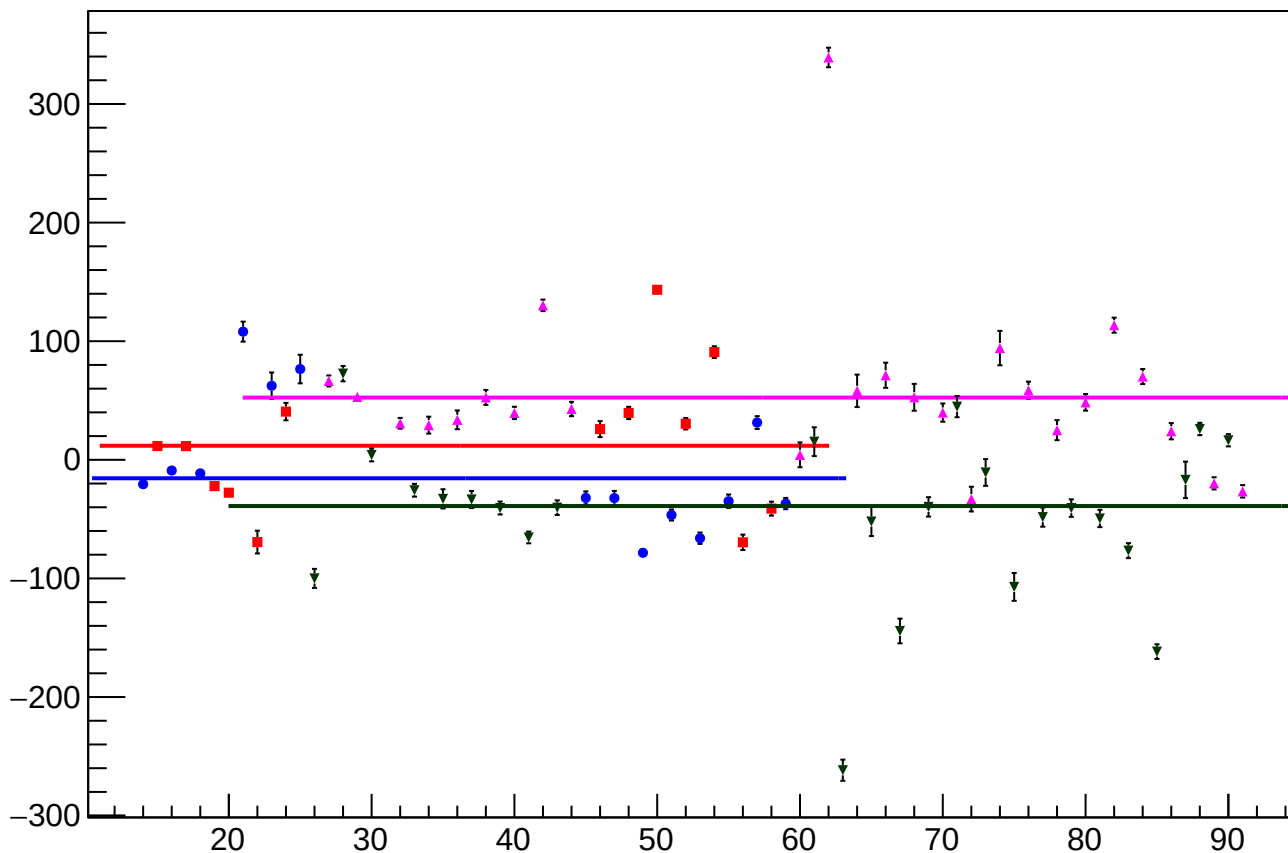
Left Out: -416.892 ± 0.182 $\chi^2/\text{NDF}: 159499.0/24$

Right Out: 29.807 ± 0.046 $\chi^2/\text{NDF}: 2294437.1/12$

Left In: 413.171 ± 0.171 $\chi^2/\text{NDF}: 155238.0/24$

6.311 ± 0.030 $\chi^2/\text{NDF}: 17495443.3/76$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.567 $\pm$ 0.250 χ^2 /NDF: 1507.0/13

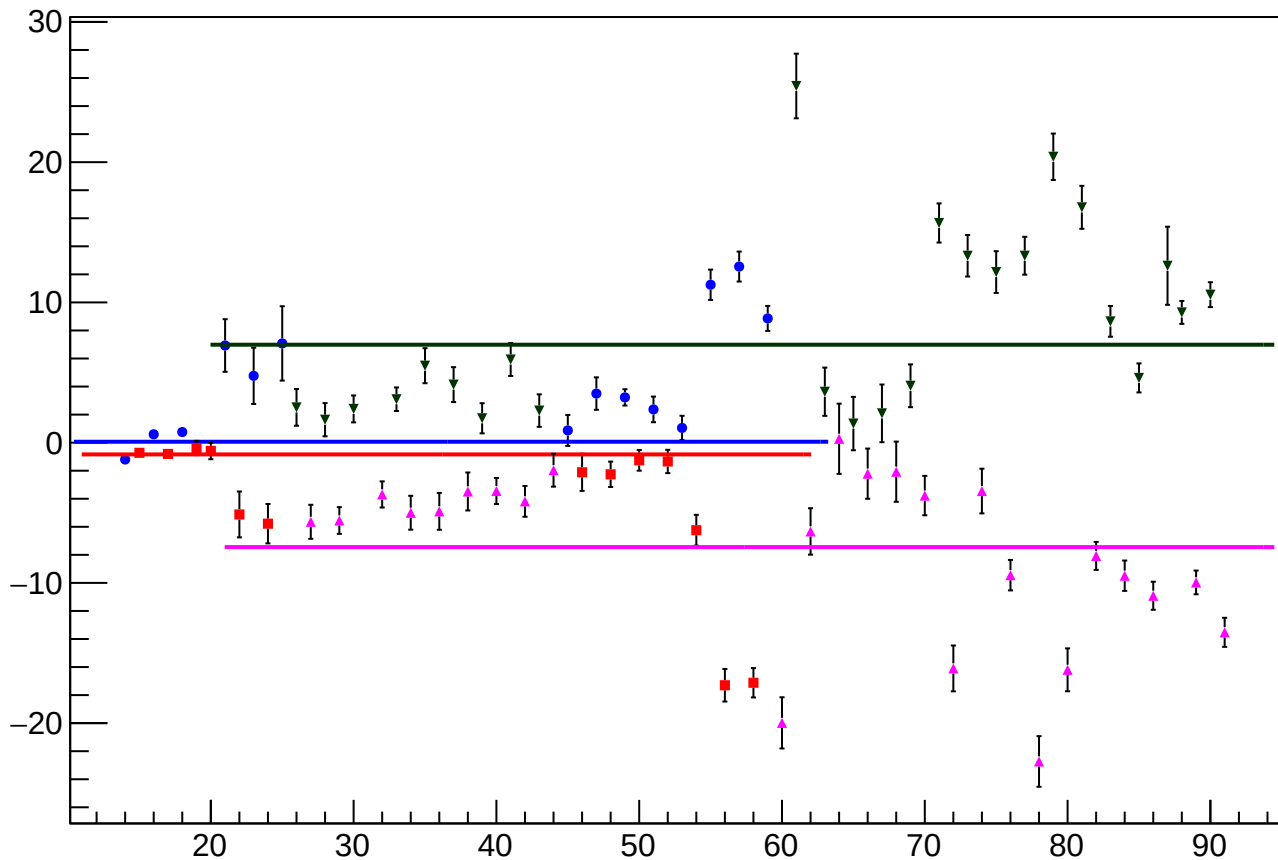
Left Out: -38.987 $\pm$ 1.411 χ^2 /NDF: 2032.7/24

Right Out: 11.865 $\pm$ 0.283 χ^2 /NDF: 1878.7/12

Left In: 52.471 $\pm$ 1.297 χ^2 /NDF: 2175.3/24

-3.031 $\pm$ 0.184 χ^2 /NDF: 15369.0/76

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.066+/-0.046 χ^2/NDF : 776.7/13

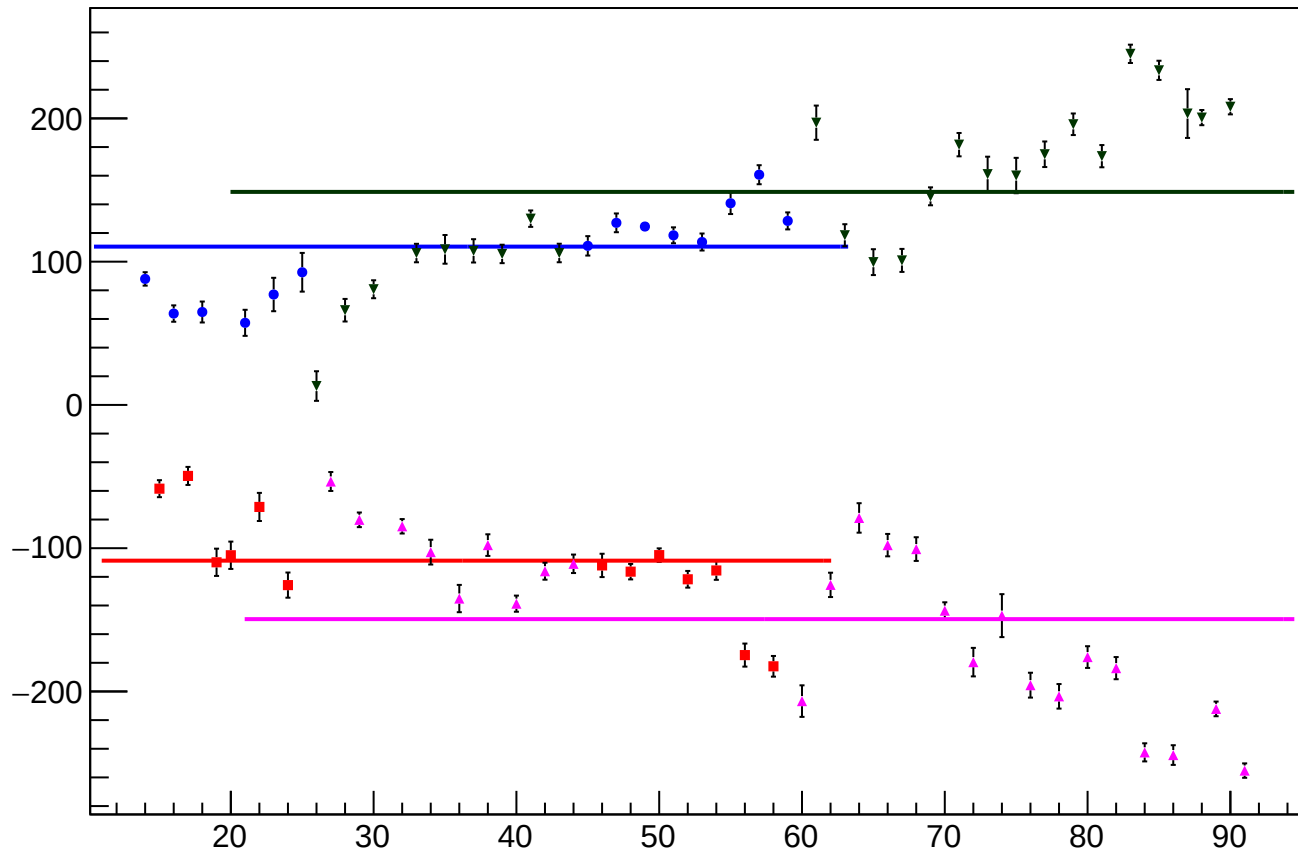
Left Out: 6.984+/-0.248 χ^2/NDF : 443.4/24

Right Out: -0.837+/-0.049 χ^2/NDF : 495.1/12

Left In: -7.447+/-0.244 χ^2/NDF : 368.3/24

-0.363+/-0.033 χ^2/NDF : 3990.1/76

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 110.504 ± 1.597 $\chi^2/\text{NDF}: 283.2/13$

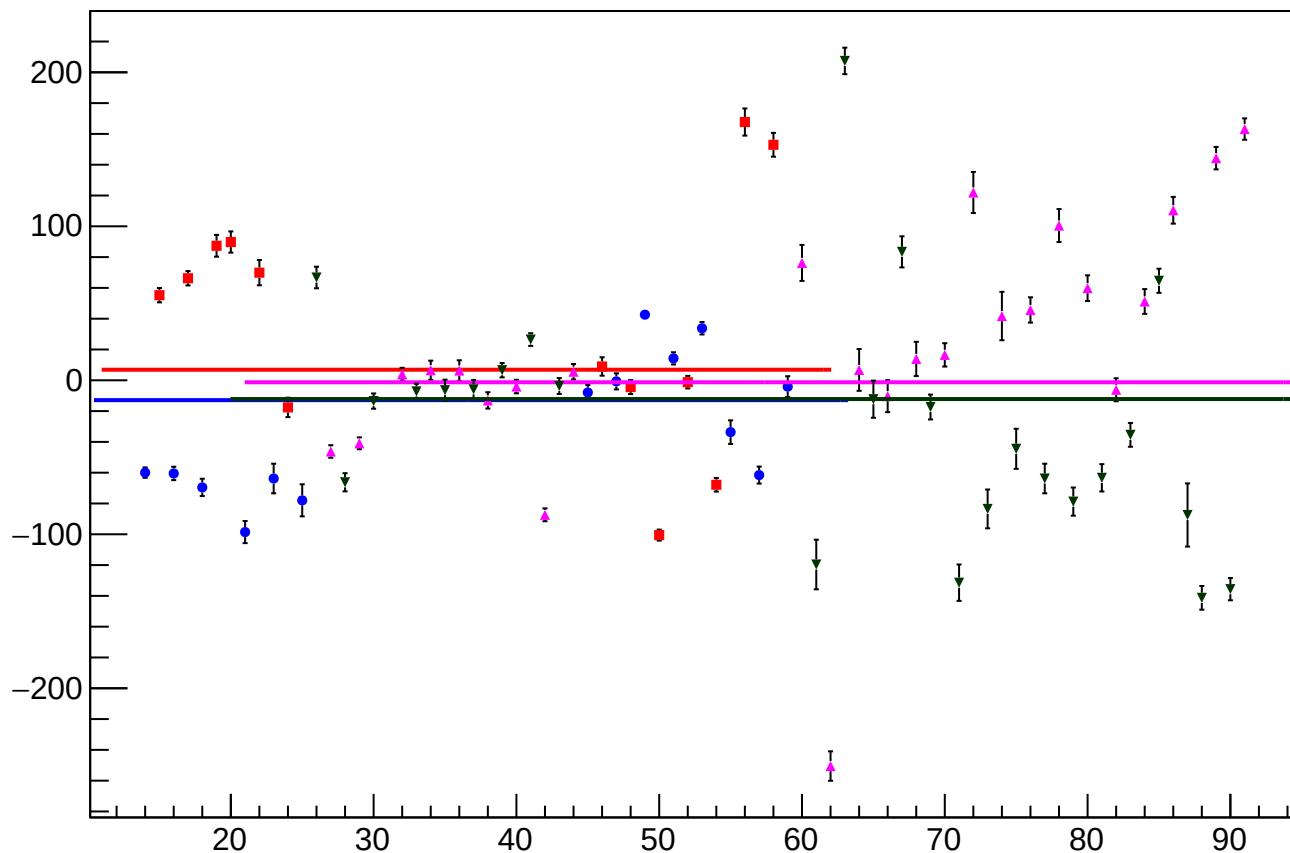
Left Out: 148.703 ± 1.487 $\chi^2/\text{NDF}: 1376.2/24$

Right Out: -108.699 ± 1.887 $\chi^2/\text{NDF}: 358.6/12$

Left In: -149.512 ± 1.390 $\chi^2/\text{NDF}: 1979.4/24$

1.572 ± 0.780 $\chi^2/\text{NDF}: 33665.0/76$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -12.887 ± 1.265 $\chi^2/\text{NDF}: 1325.7/13$

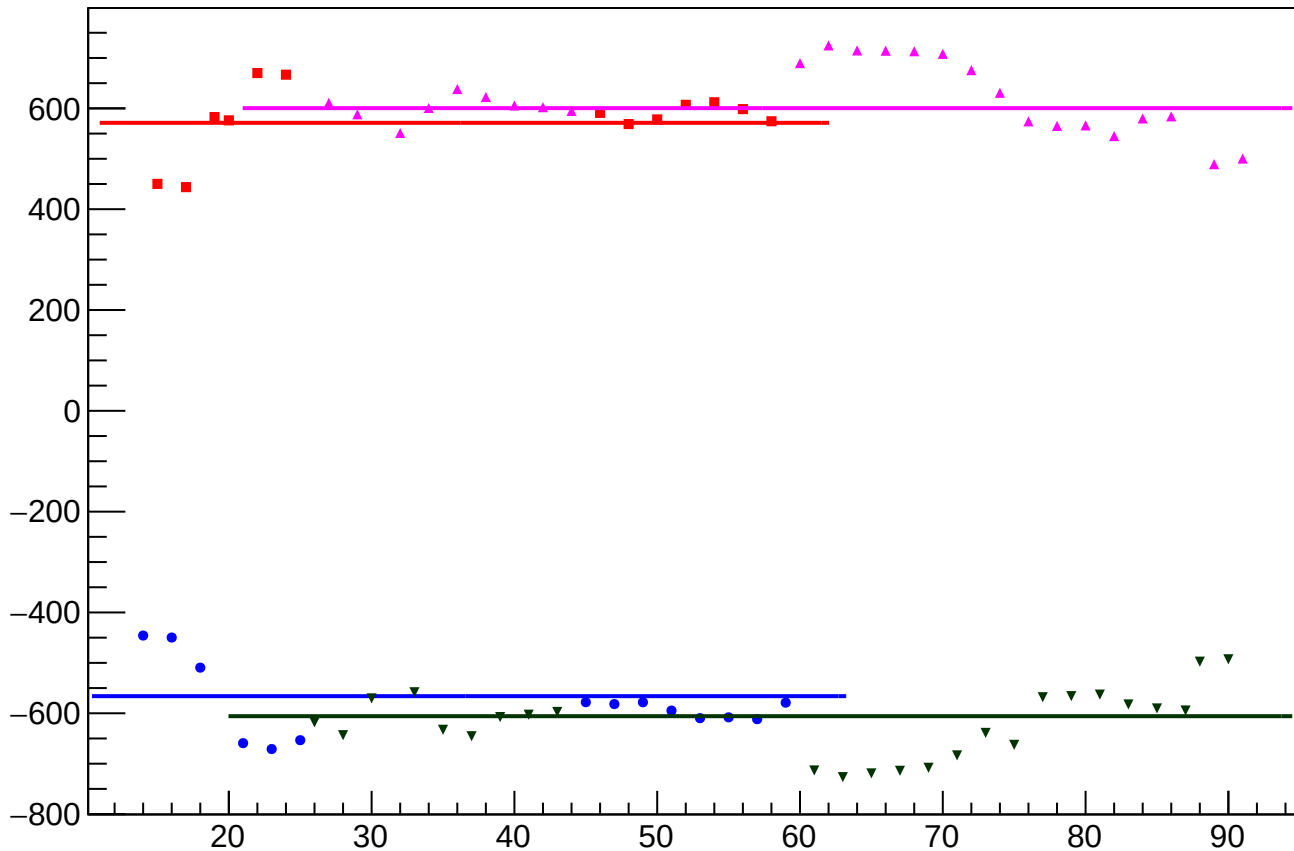
Left Out: -12.175 ± 1.418 $\chi^2/\text{NDF}: 2051.3/24$

Right Out: 6.870 ± 1.462 $\chi^2/\text{NDF}: 2499.3/12$

Left In: -1.278 ± 1.279 $\chi^2/\text{NDF}: 2830.8/24$

-5.303 ± 0.674 $\chi^2/\text{NDF}: 8845.7/76$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -566.044+/-0.296 χ^2/NDF : 43350.2/13

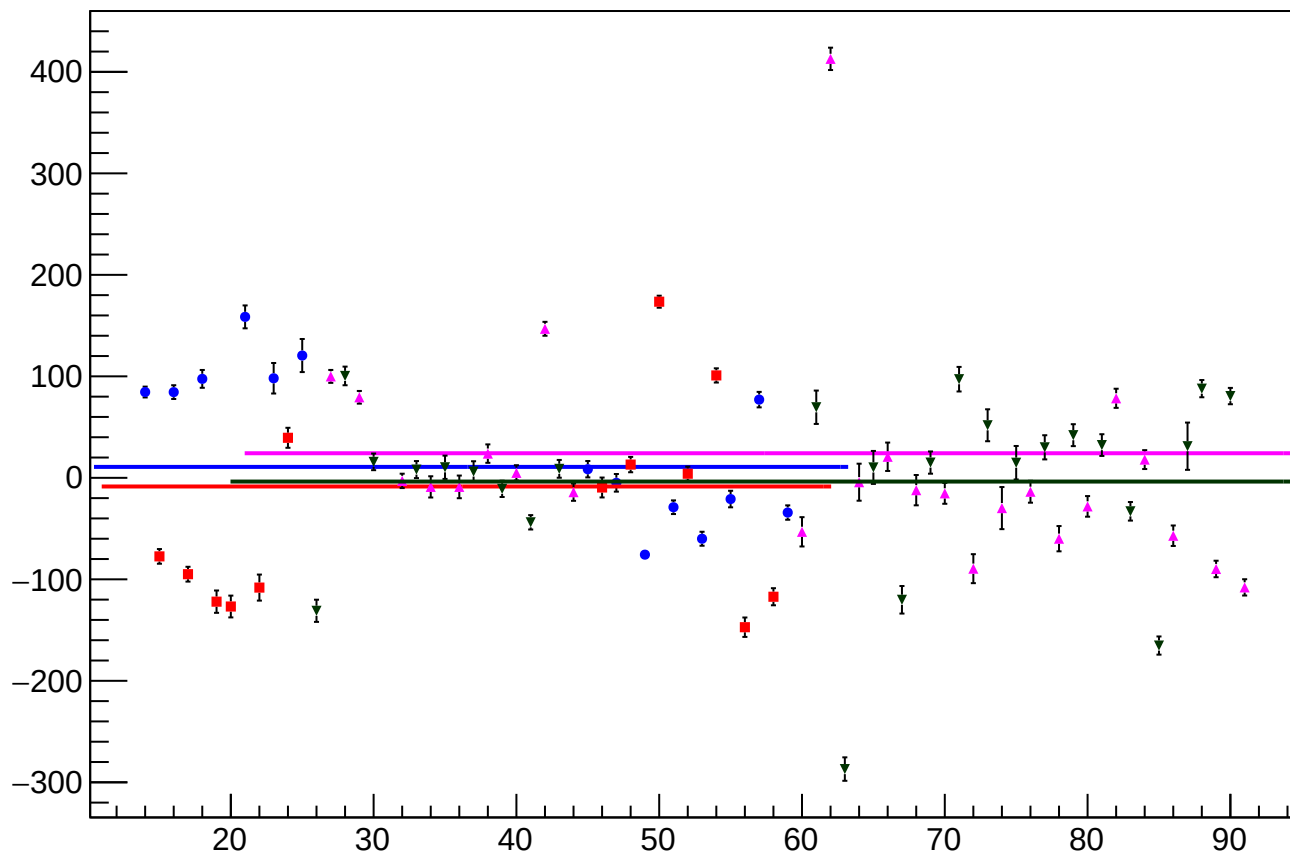
Left Out: -605.777+/-0.265 χ^2/NDF : 66881.0/24

Right Out: 571.326+/-0.340 χ^2/NDF : 31983.2/12

Left In: 600.466+/-0.248 χ^2/NDF : 71186.8/24

-9.153+/-0.141 χ^2/NDF : 17779787.3/76

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 10.777 ± 1.958 $\chi^2/\text{NDF}: 1314.5/13$

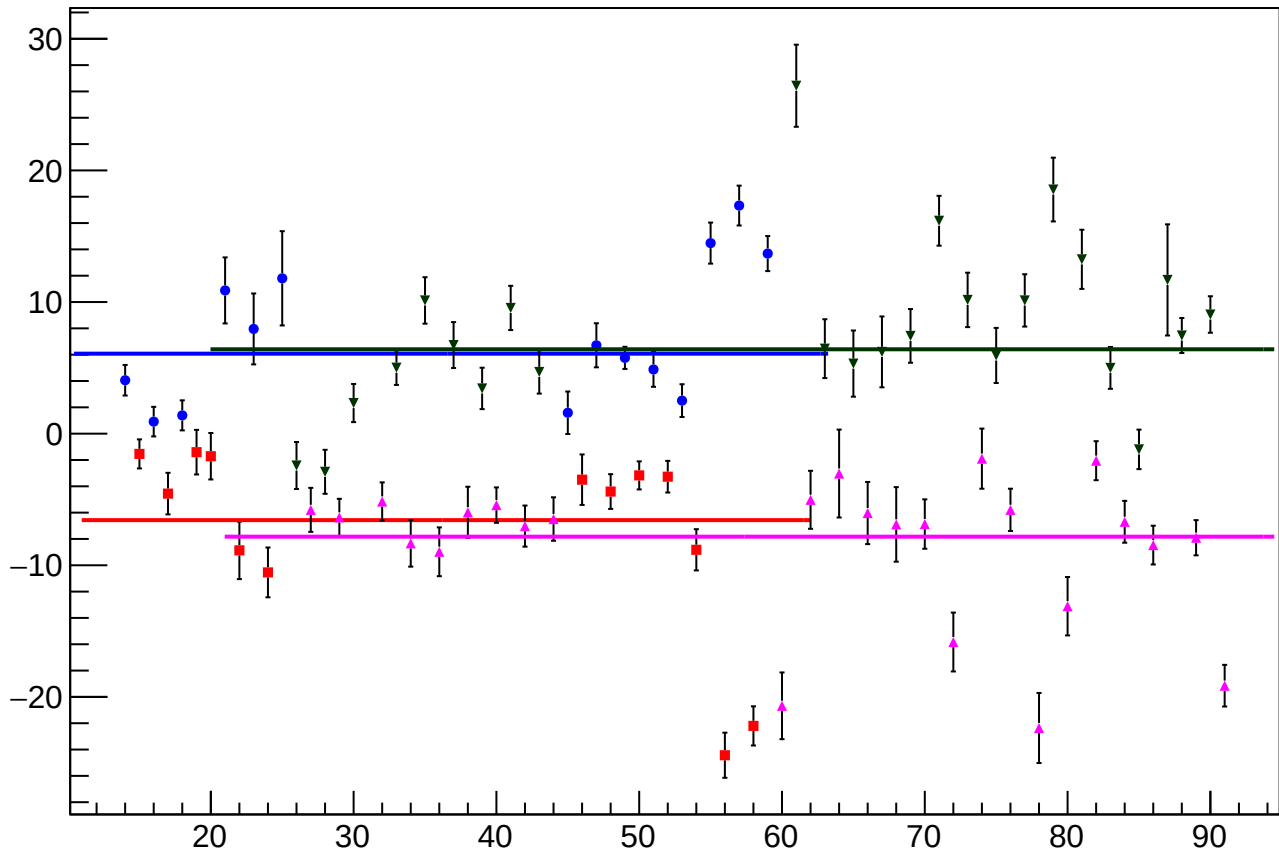
Left Out: -3.668 ± 2.048 $\chi^2/\text{NDF}: 1692.0/24$

Right Out: -8.527 ± 2.272 $\chi^2/\text{NDF}: 2122.0/12$

Left In: 24.230 ± 1.881 $\chi^2/\text{NDF}: 2618.3/24$

7.314 ± 1.012 $\chi^2/\text{NDF}: 7908.1/76$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.077 $\pm$ 0.366 χ^2 /NDF: 181.7/13

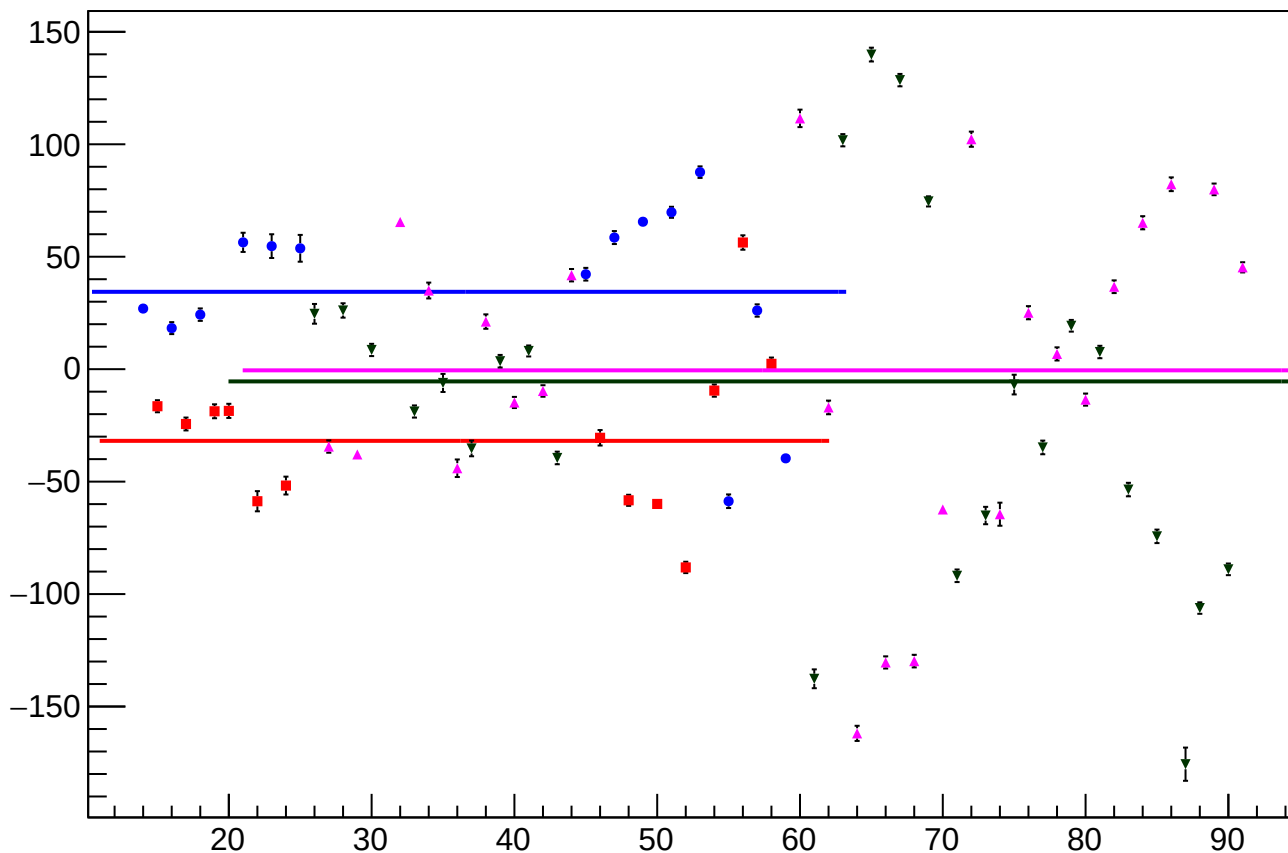
Left Out: 6.410 $\pm$ 0.361 χ^2 /NDF: 218.8/24

-0.245 $\pm$ 0.185 χ^2 /NDF: 2191.8/76

Right Out: -6.570 $\pm$ 0.408 χ^2 /NDF: 288.8/12

Left In: -7.825 $\pm$ 0.354 χ^2 /NDF: 165.5/24

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 34.399+/-0.688 χ^2 /NDF: 3514.3/13

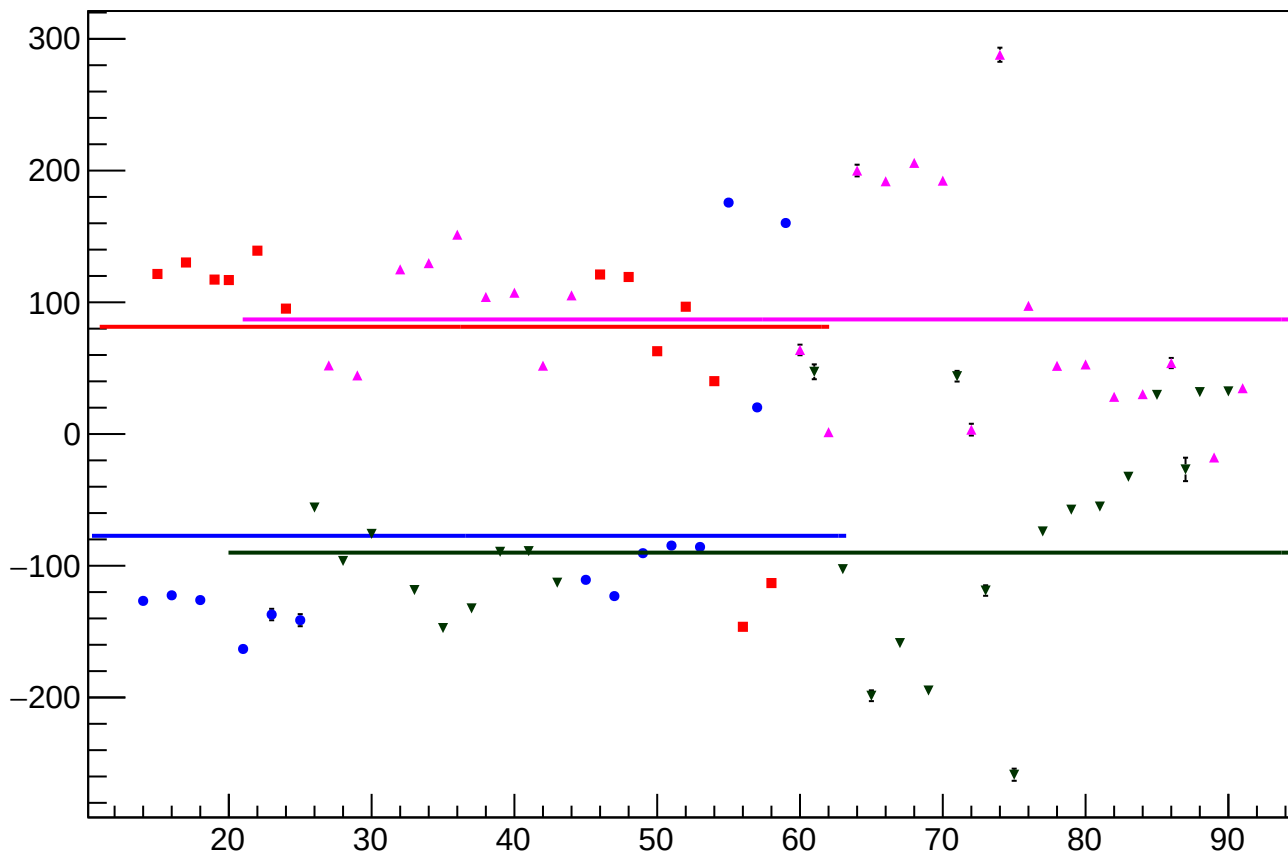
Left Out: -5.439+/-0.599 χ^2 /NDF: 14162.5/24

0.626+/-0.322 χ^2 /NDF: 38102.8/76

Right Out: -31.869+/-0.800 χ^2 /NDF: 1891.8/12

Left In: -0.521+/-0.559 χ^2 /NDF: 14369.3/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -77.265 $\pm$ 0.551 χ^2 /NDF: 22725.0/13

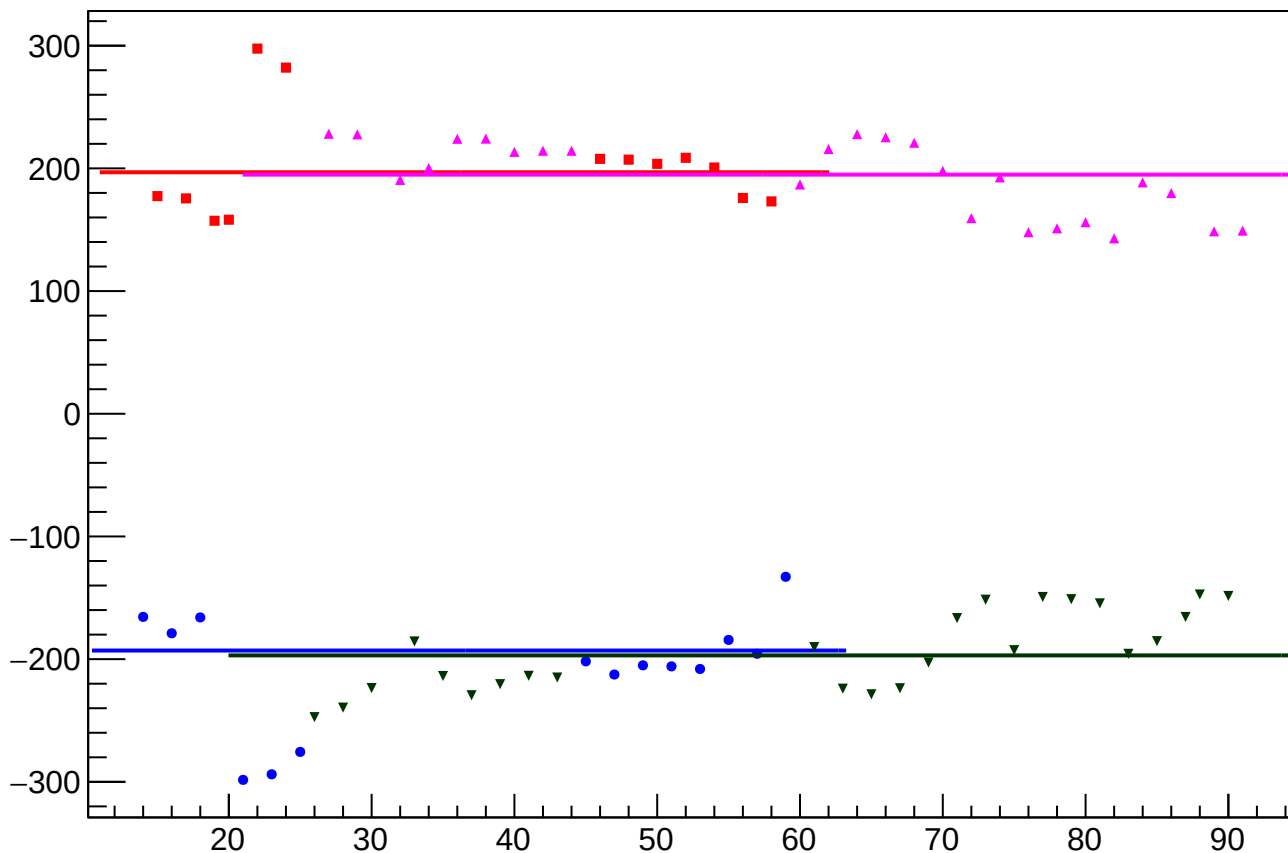
Left Out: -90.040 $\pm$ 0.581 χ^2 /NDF: 10655.4/24

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

0.710 $\pm$ 0.283 χ^2 /NDF: 144905.9/76

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -192.968+/-0.127 χ^2/NDF : 77525.1/13

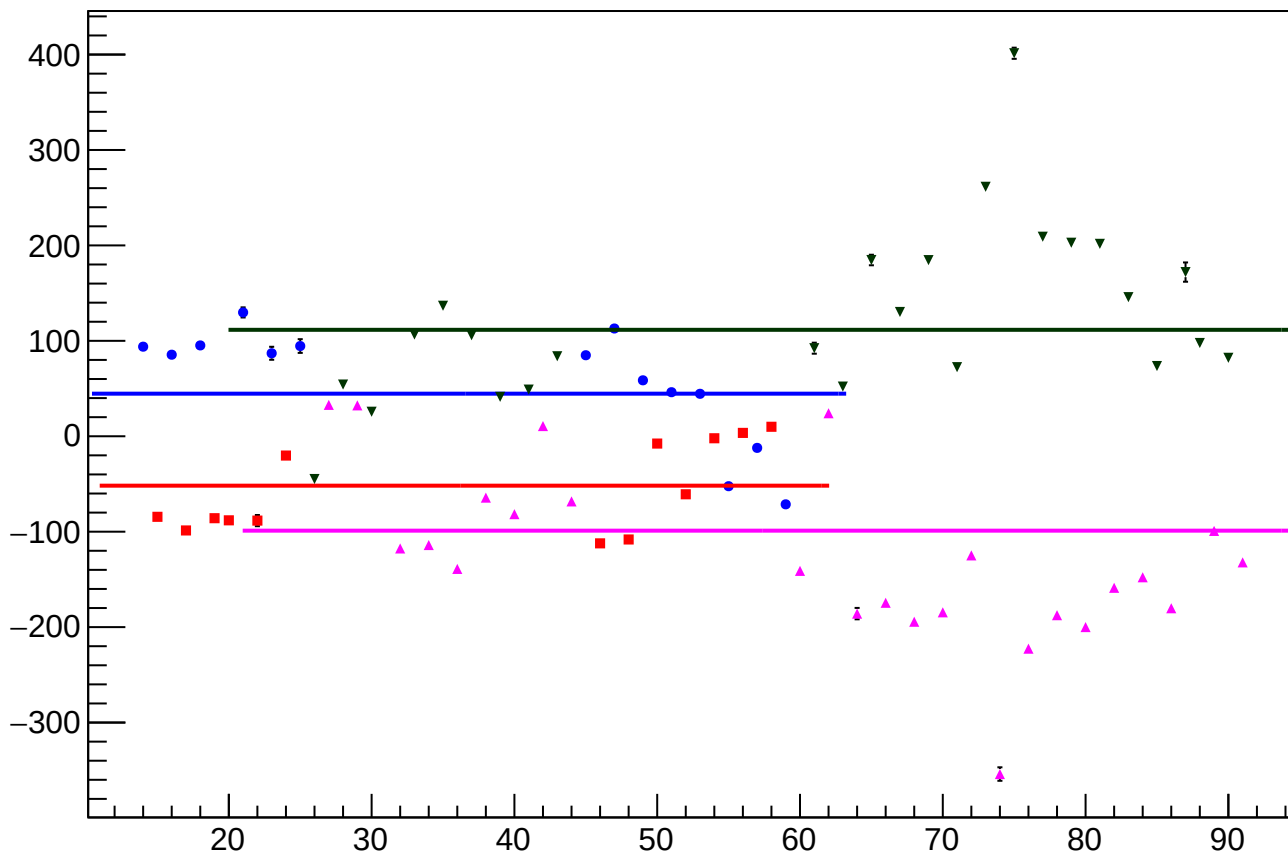
Left Out: -196.939+/-0.107 χ^2/NDF : 84782.3/24

Right Out: 196.829+/-0.144 χ^2/NDF : 46202.2/12

Left In: 194.894+/-0.100 χ^2/NDF : 89483.8/24

-0.587+/-0.058 χ^2/NDF : 11726080.9/76

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 44.633+/-0.837 χ^2/NDF : 5133.2/13

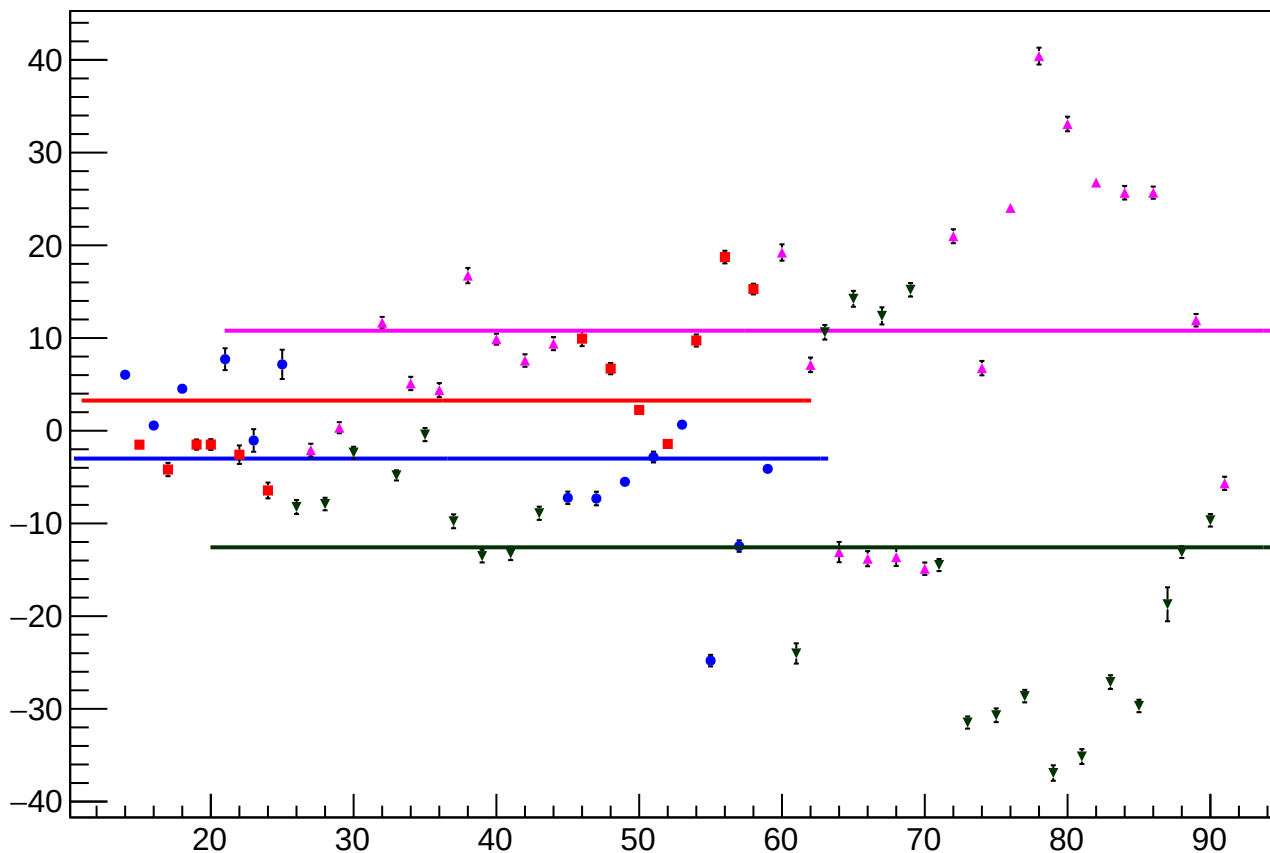
Left Out: 111.545+/-0.831 χ^2/NDF : 9050.4/24

Right Out: -51.770+/-0.957 χ^2/NDF : 2204.0/12

Left In: -98.915+/-0.760 χ^2/NDF : 13603.5/24

-0.465+/-0.419 χ^2/NDF : 70755.2/76

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -3.003 ± 0.154 χ^2/NDF : 2442.5/13

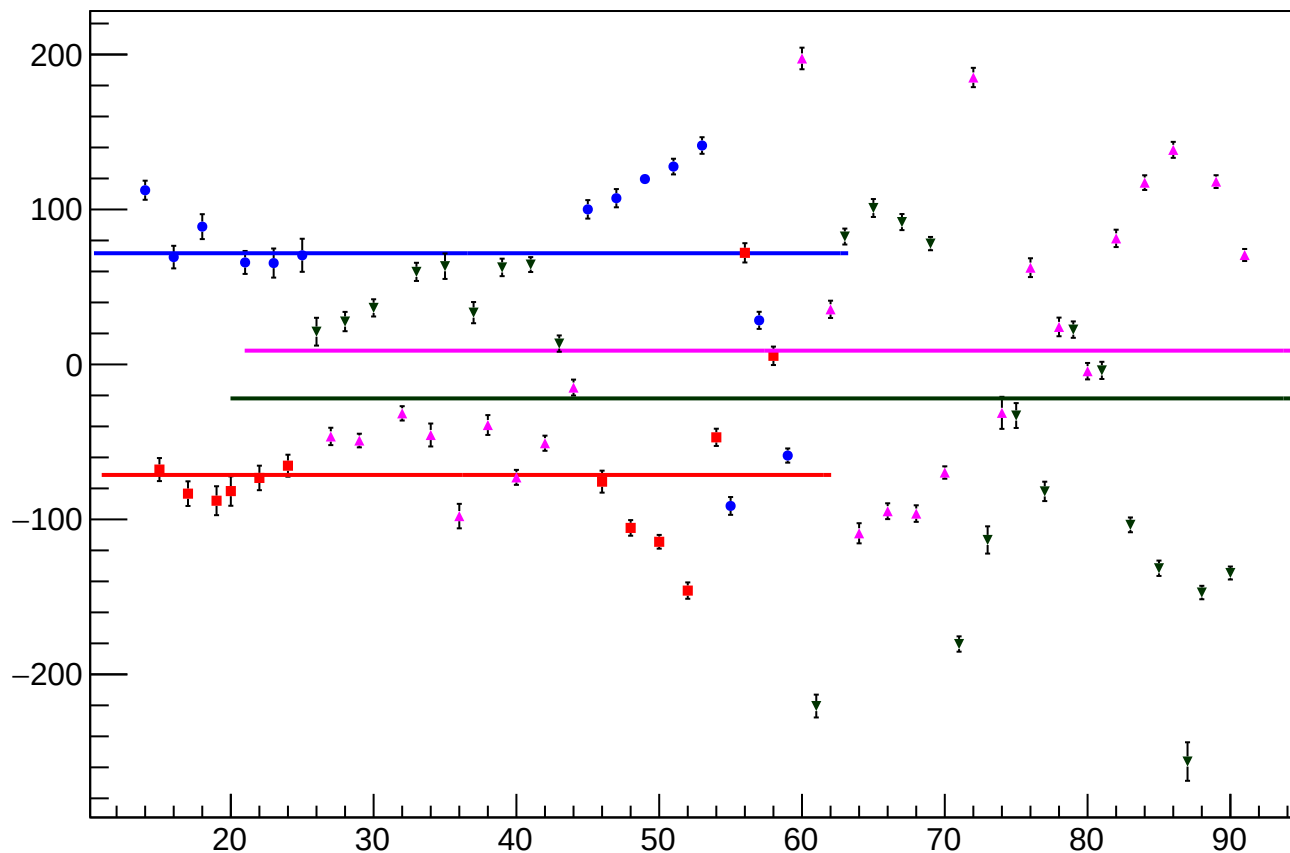
Left Out: -12.576 ± 0.146 χ^2/NDF : 9669.1/24

Right Out: 3.257 ± 0.171 χ^2/NDF : 1730.7/12

Left In: 10.789 ± 0.142 χ^2/NDF : 9463.0/24

-0.402 ± 0.076 χ^2/NDF : 37209.6/76

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 71.757 ± 1.497 $\chi^2/\text{NDF}: 2319.1/13$

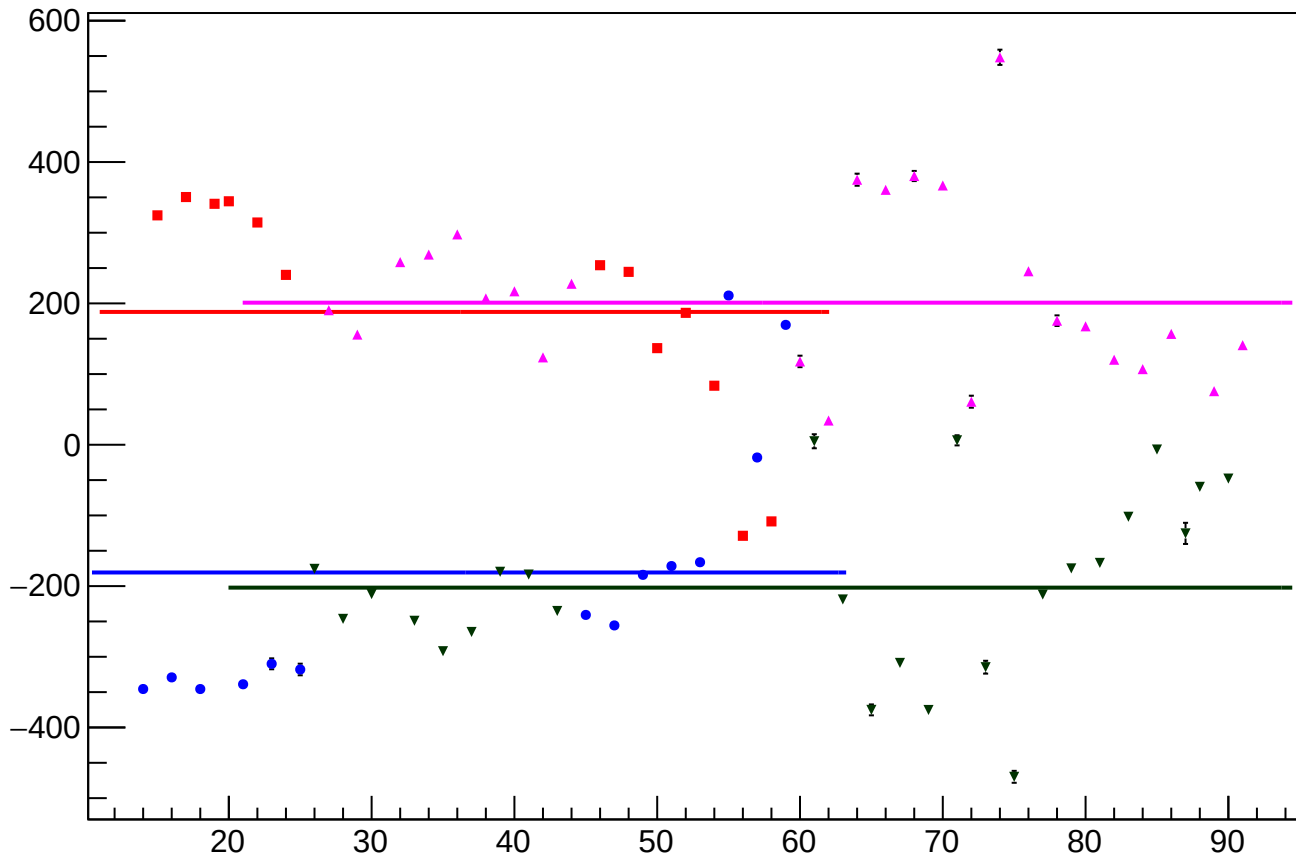
Left Out: -21.925 ± 1.126 $\chi^2/\text{NDF}: 7769.0/24$

Right Out: -71.308 ± 1.755 $\chi^2/\text{NDF}: 1064.3/12$

Left In: 8.901 ± 1.061 $\chi^2/\text{NDF}: 6546.3/24$

-0.211 ± 0.639 $\chi^2/\text{NDF}: 22096.8/76$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -180.716+/-1.210 χ^2/NDF : 14737.8/13

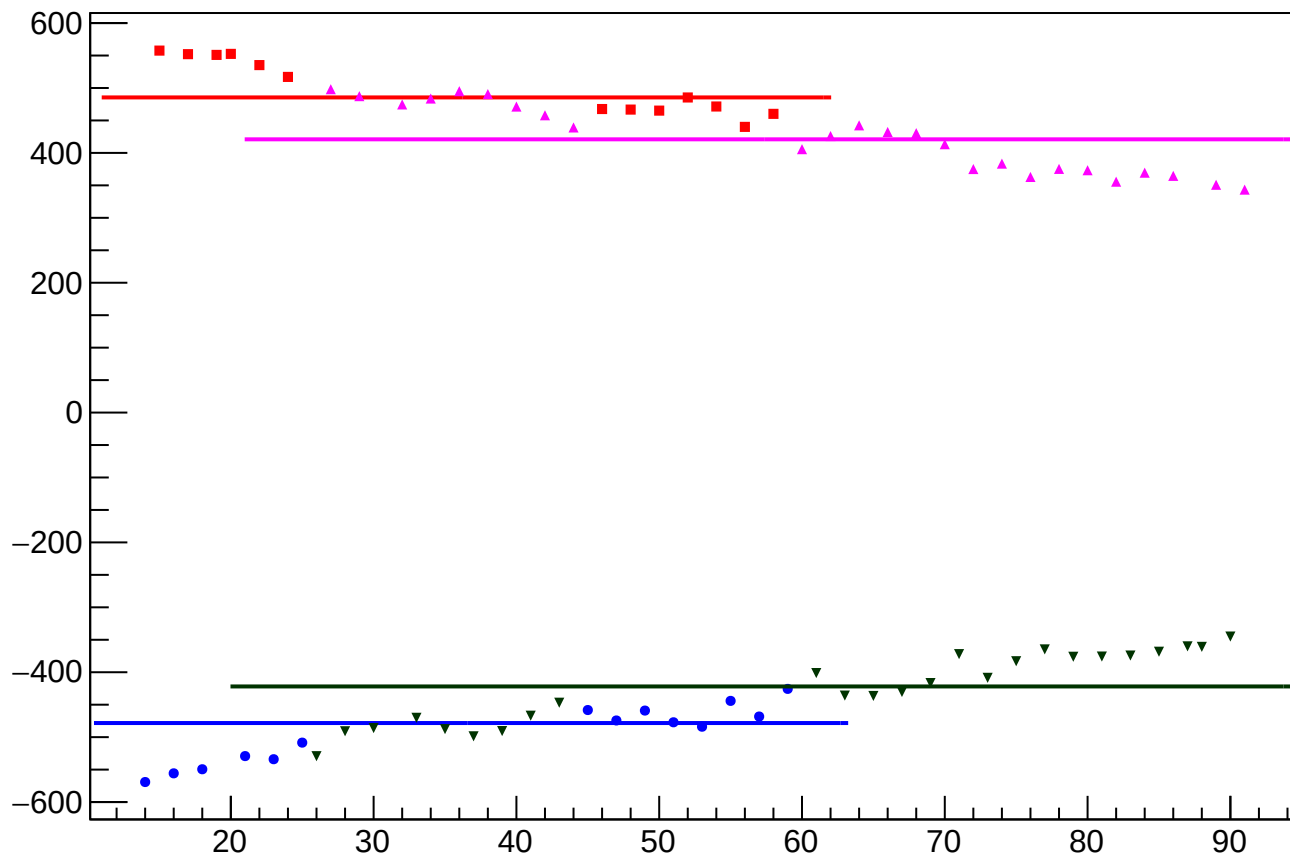
Left Out: -202.150+/-1.122 χ^2/NDF : 7701.6/24

3.026+/-0.580 χ^2/NDF : 150574.3/76

Right Out: 187.931+/-1.375 χ^2/NDF : 8410.8/12

Left In: 201.019+/-1.019 χ^2/NDF : 7402.2/24

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -478.261+/-0.273 χ^2/NDF : 20567.7/13

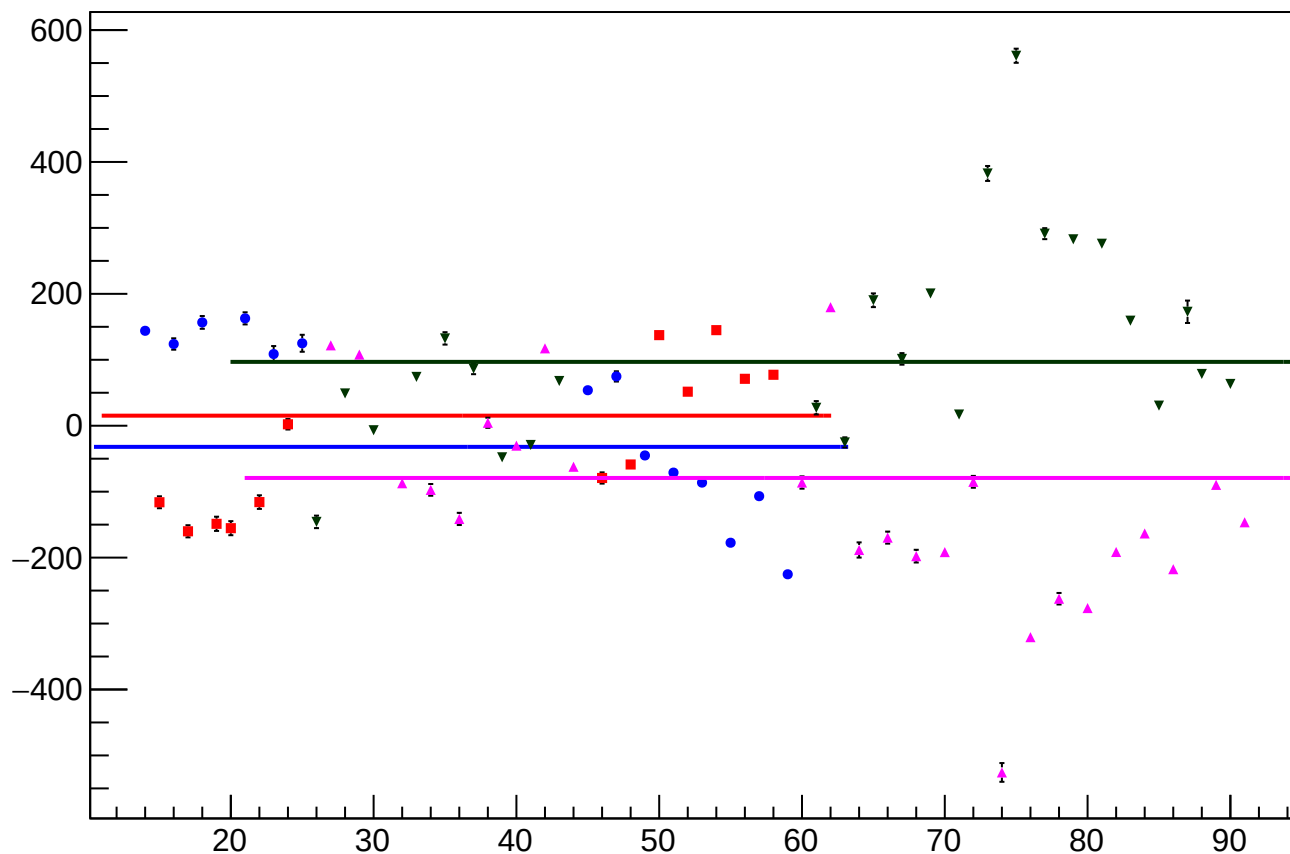
Left Out: -421.899+/-0.202 χ^2/NDF : 65107.8/24

Right Out: 485.472+/-0.313 χ^2/NDF : 12721.7/12

Left In: 420.918+/-0.190 χ^2/NDF : 72109.7/24

-2.511+/-0.115 χ^2/NDF : 14902817.7/76

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -32.052 $\pm$ 1.830 χ^2 /NDF: 4475.3/13

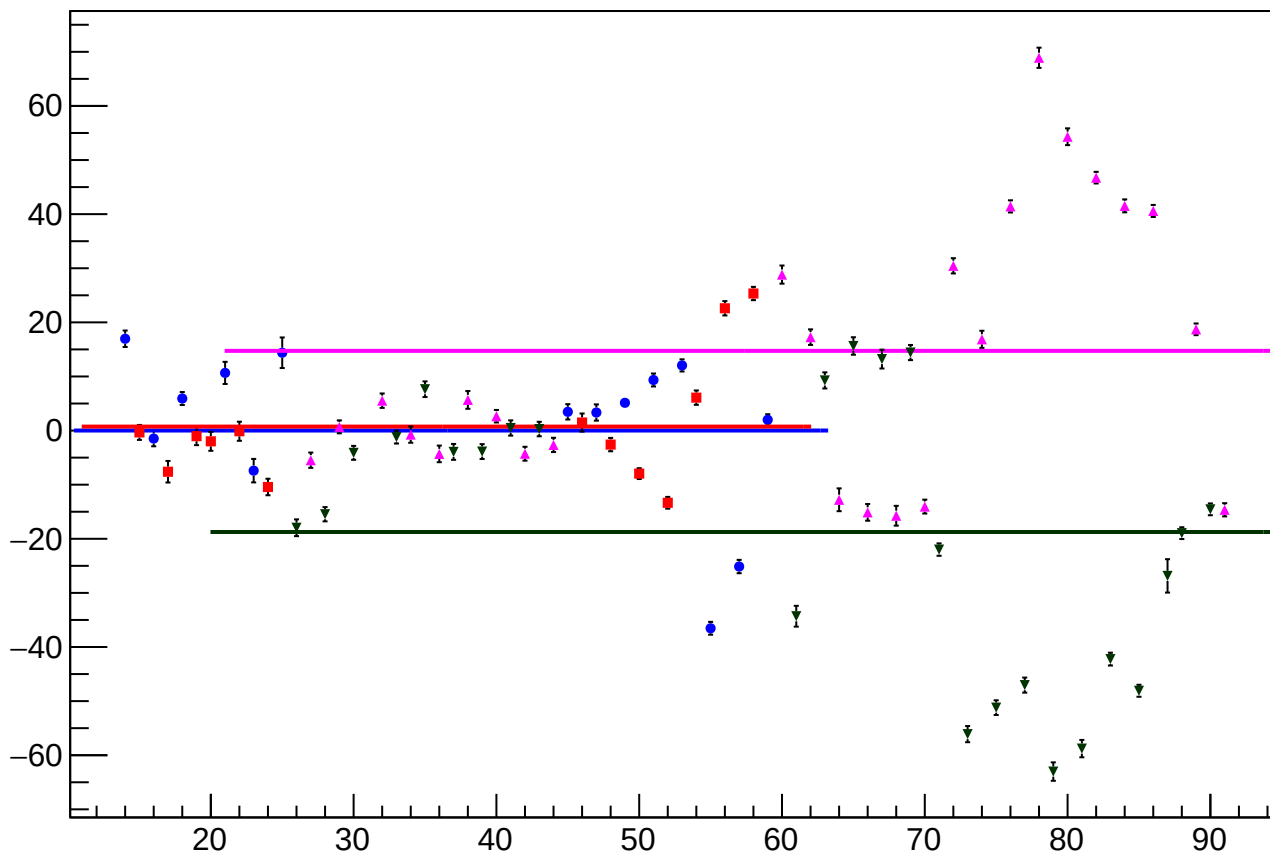
Left Out: 96.832 $\pm$ 1.575 χ^2 /NDF: 6940.3/24

Right Out: 15.259 $\pm$ 2.109 χ^2 /NDF: 2577.9/12

Left In: -79.204 $\pm$ 1.457 χ^2 /NDF: 10142.7/24

-3.147 $\pm$ 0.846 χ^2 /NDF: 31219.3/76

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 0.010 $\pm$ 0.344 χ^2 /NDF: 1806.4/13

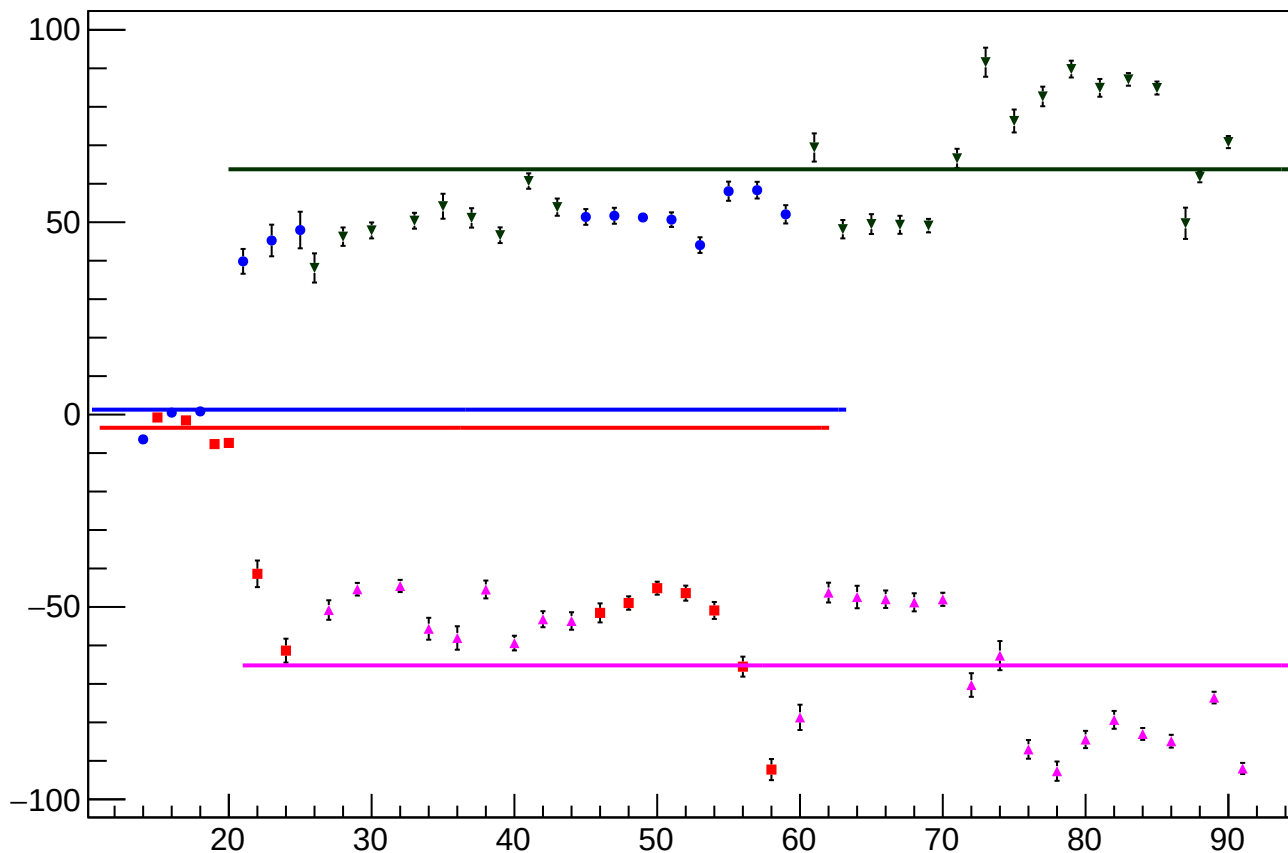
Left Out: -18.745 $\pm$ 0.277 χ^2 /NDF: 7088.3/24

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

-0.934 $\pm$ 0.154 χ^2 /NDF: 24712.2/76

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 1.286 ± 0.144 $\chi^2/\text{NDF}: 7276.6/13$

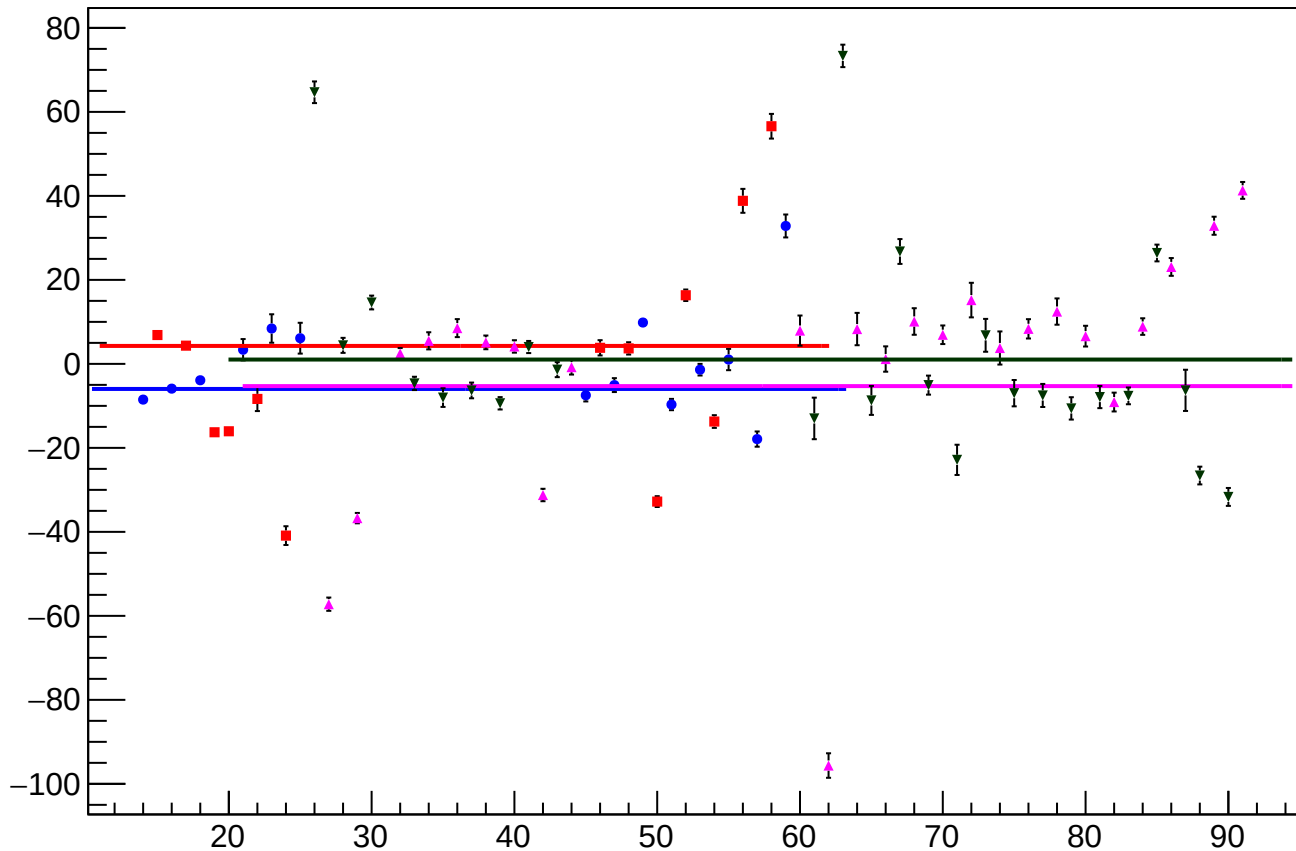
Left Out: 63.761 ± 0.442 $\chi^2/\text{NDF}: 1253.6/24$

Right Out: -3.426 ± 0.149 $\chi^2/\text{NDF}: 4972.0/12$

Left In: -65.191 ± 0.419 $\chi^2/\text{NDF}: 1777.7/24$

-1.328 ± 0.098 $\chi^2/\text{NDF}: 60672.5/76$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -5.970 ± 0.108 χ^2/NDF : 863.8/13

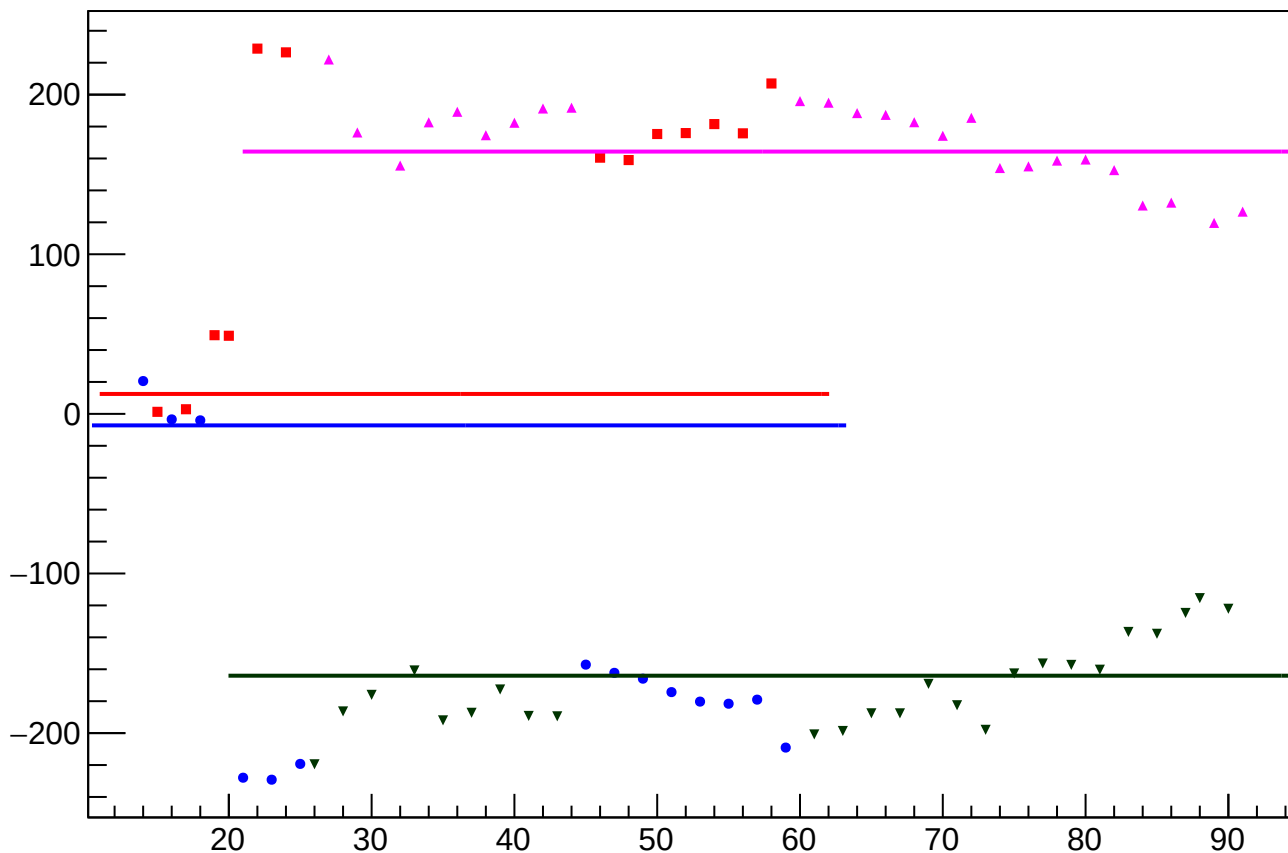
Left Out: 1.030 ± 0.439 χ^2/NDF : 2292.8/24

-1.175 ± 0.076 χ^2/NDF : 15788.0/76

Right Out: 4.273 ± 0.114 χ^2/NDF : 3772.6/12

Left In: -5.295 ± 0.404 χ^2/NDF : 4477.4/24

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -7.215+/-0.028 χ^2/NDF : 2590449.1/13

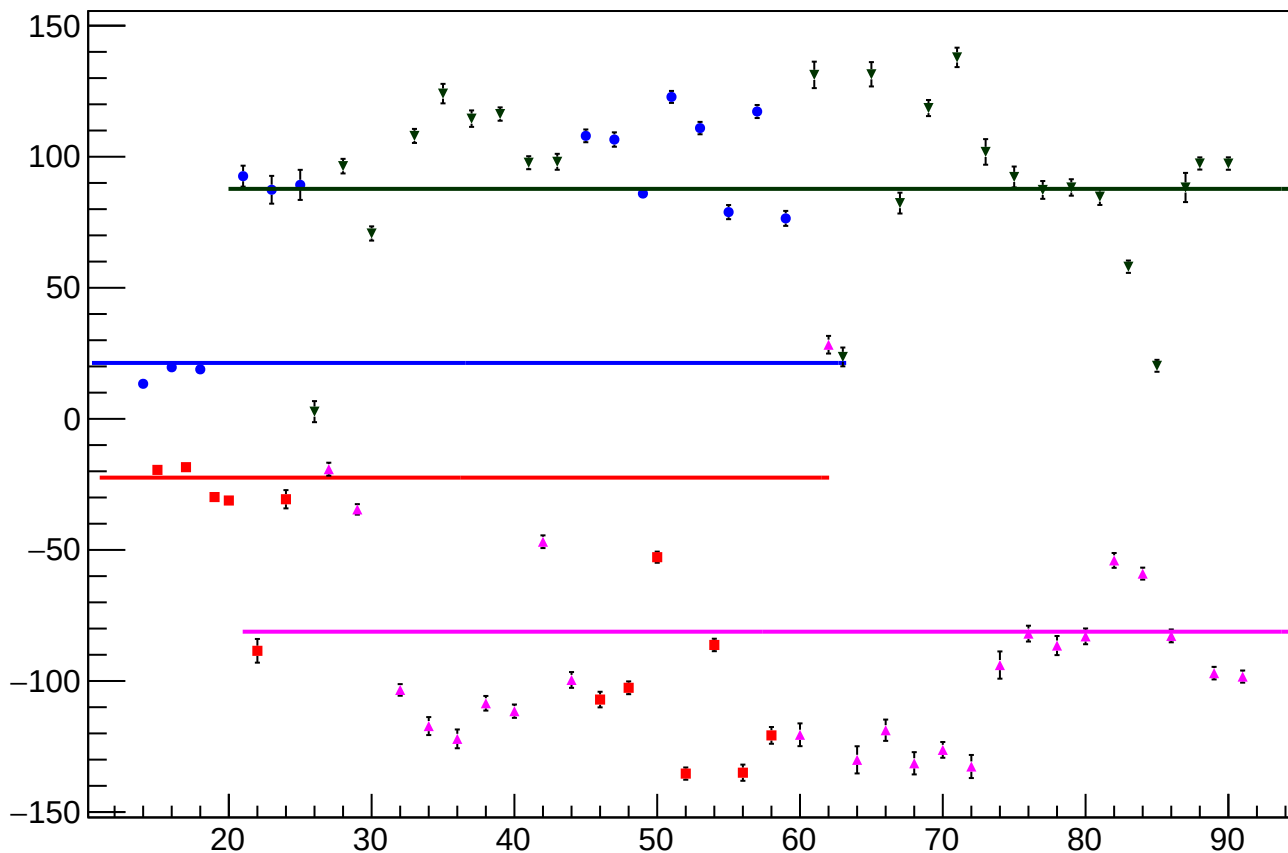
Left Out: -164.032+/-0.079 χ^2/NDF : 119022.6/24

3.194+/-0.019 χ^2/NDF : 13905155.2/76

Right Out: 12.480+/-0.029 χ^2/NDF : 1830190.7/12

Left In: 164.323+/-0.075 χ^2/NDF : 121513.4/24

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 21.337 $\pm$ 0.170 χ^2 /NDF: 11137.2/13

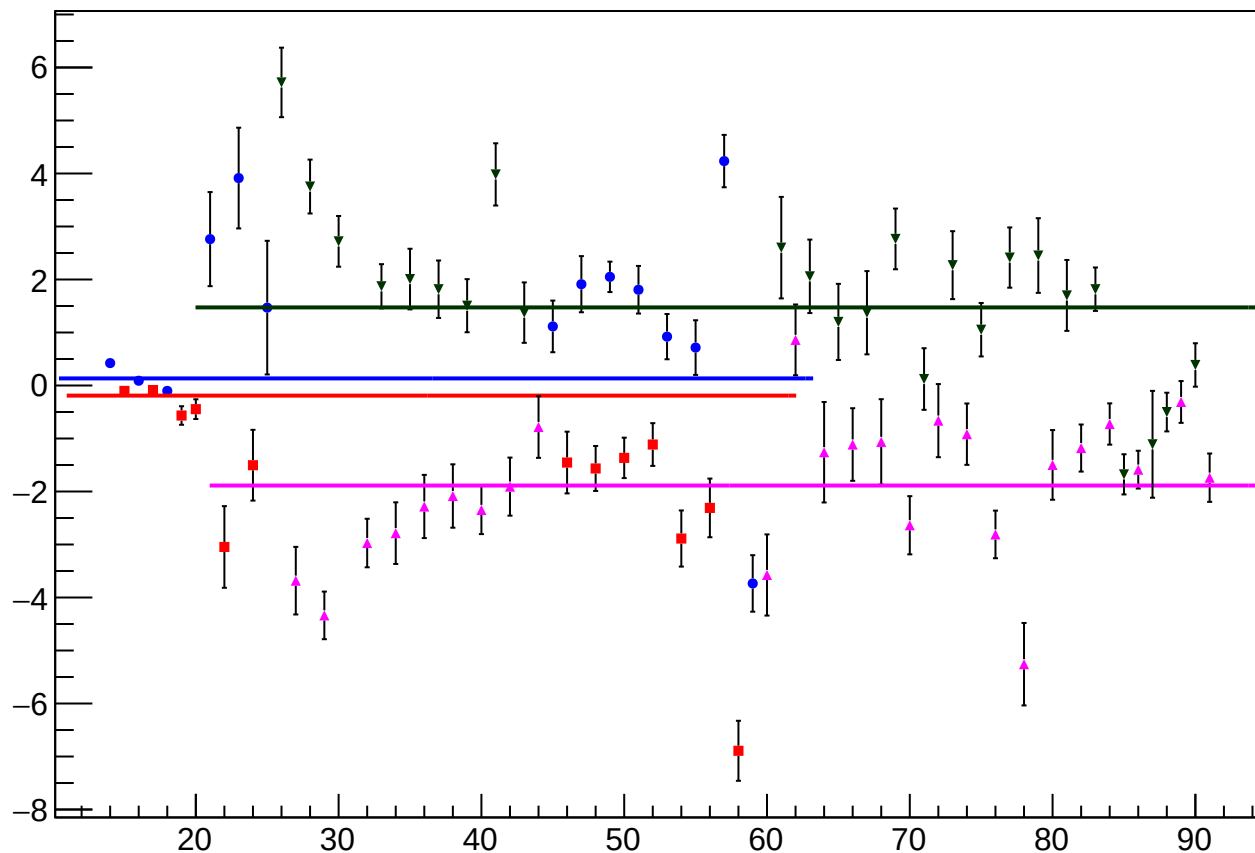
Left Out: 87.742 $\pm$ 0.617 χ^2 /NDF: 2720.8/24

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

0.216 $\pm$ 0.118 χ^2 /NDF: 97696.4/76

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.134 ± 0.028 χ^2/NDF : 269.7/13

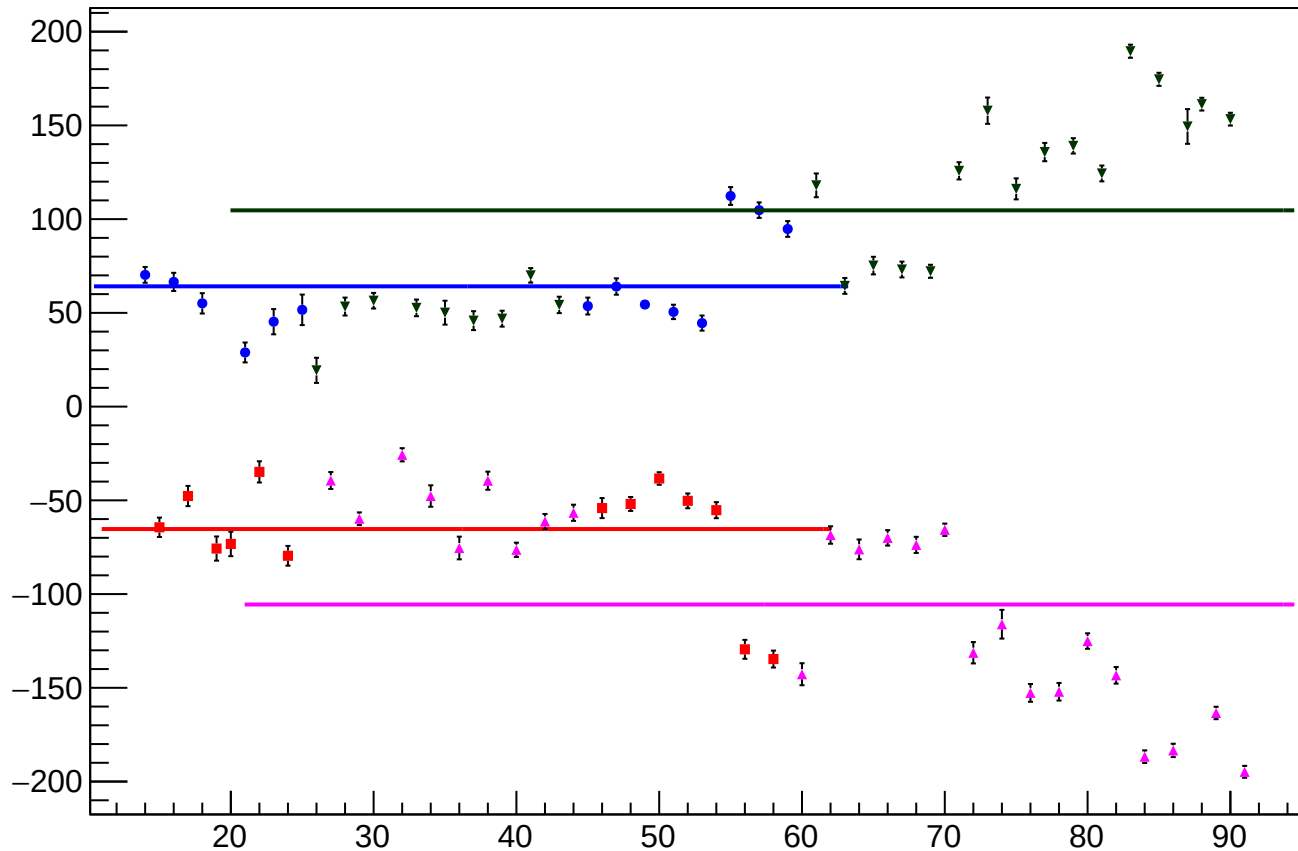
Left Out: 1.473 ± 0.107 χ^2/NDF : 221.8/24

Right Out: -0.191 ± 0.031 χ^2/NDF : 243.2/12

Left In: -1.887 ± 0.106 χ^2/NDF : 134.7/24

-0.030 ± 0.020 χ^2/NDF : 1431.5/76

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 64.151+/-1.128 χ^2/NDF : 371.1/13

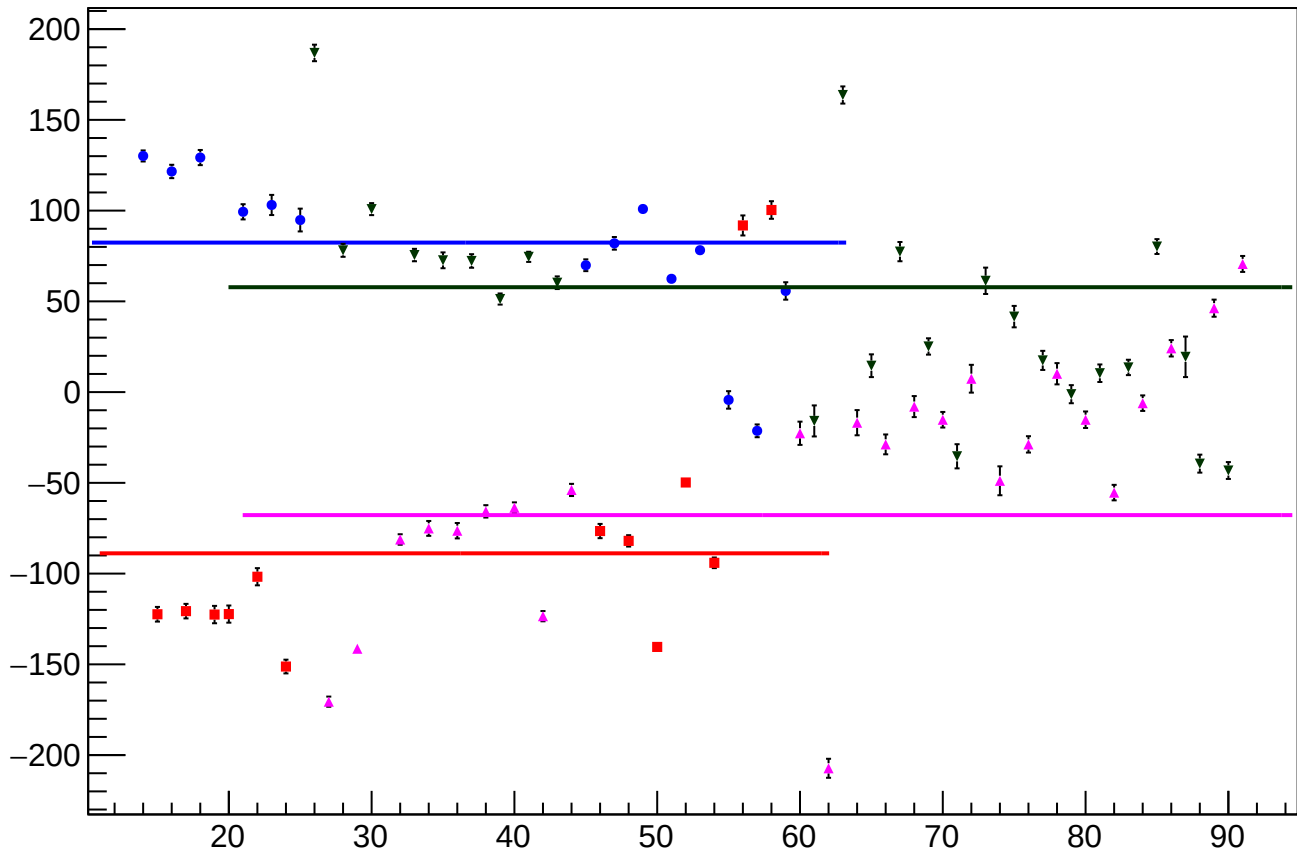
Left Out: 104.684+/-0.884 χ^2/NDF : 3131.4/24

-1.029+/-0.495 χ^2/NDF : 44051.7/76

Right Out: -65.308+/-1.302 χ^2/NDF : 550.8/12

Left In: -105.566+/-0.839 χ^2/NDF : 4403.5/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 82.377+/-0.899 χ^2/NDF : 1900.9/13

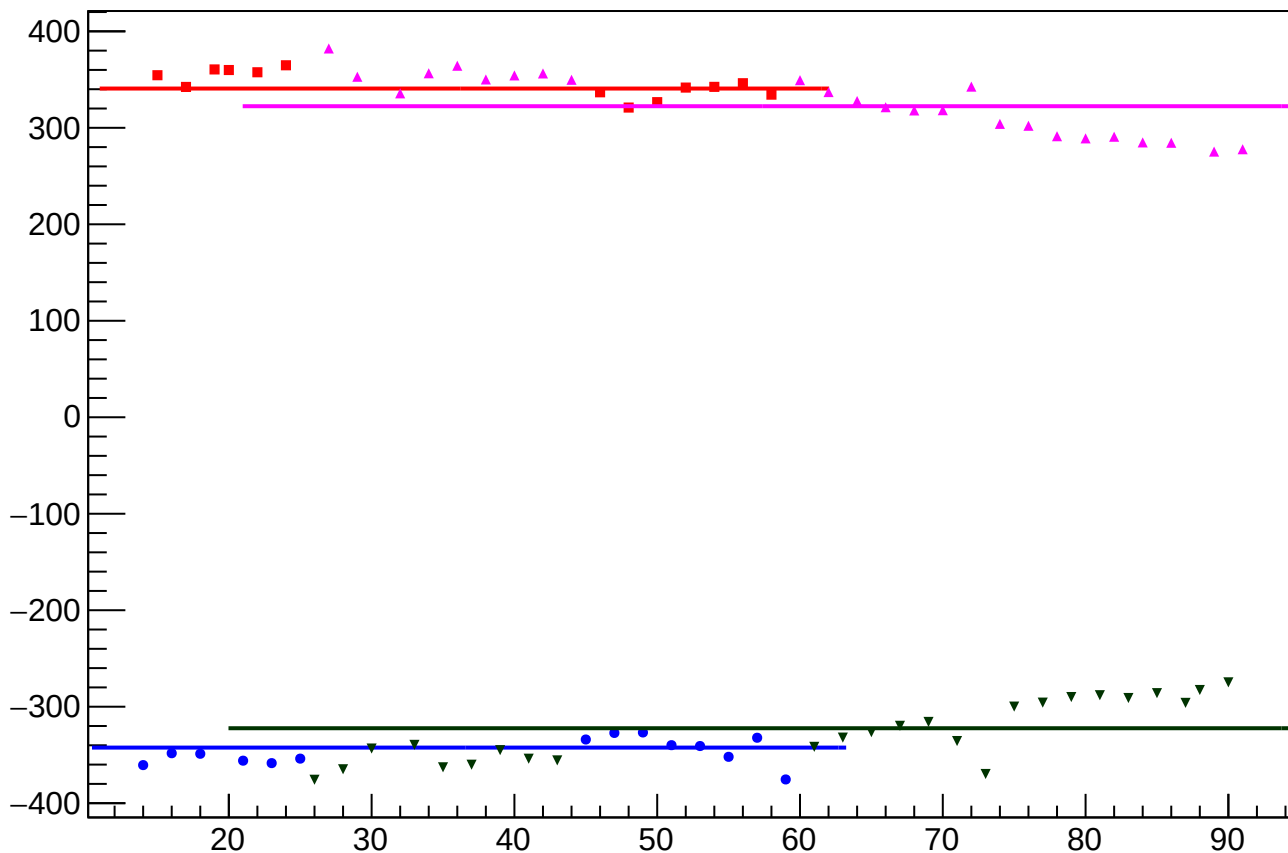
Left Out: 57.794+/-0.873 χ^2/NDF : 3294.0/24

-2.624+/-0.444 χ^2/NDF : 42855.2/76

Right Out: -88.833+/-1.015 χ^2/NDF : 3734.2/12

Left In: -67.773+/-0.805 χ^2/NDF : 6432.0/24

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -342.372 ± 0.206 χ^2/NDF : 4963.2/13

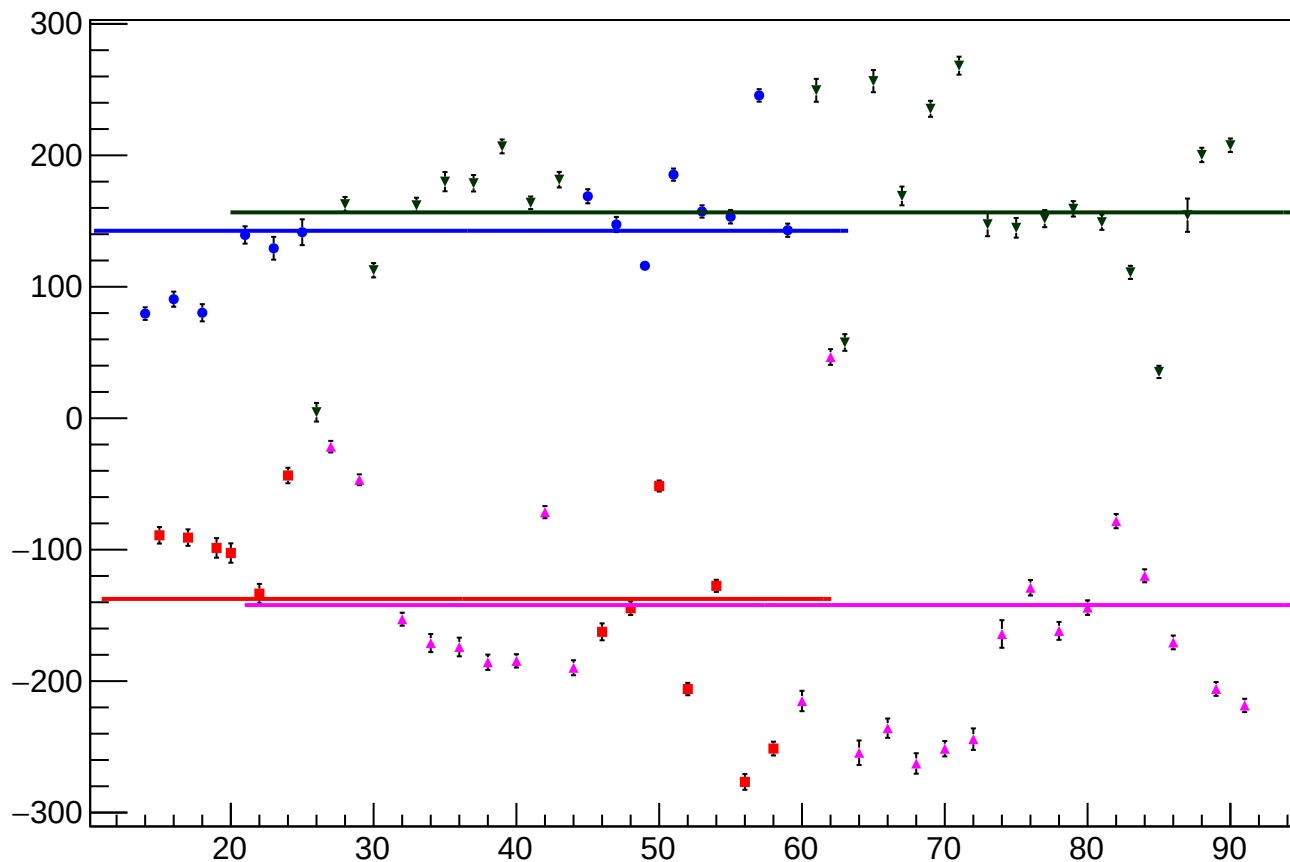
Left Out: -322.310 ± 0.159 χ^2/NDF : 36252.0/24

Right Out: 340.701 ± 0.233 χ^2/NDF : 2981.0/12

Left In: 322.388 ± 0.150 χ^2/NDF : 42311.6/24

-2.498 ± 0.089 χ^2/NDF : 13708797.7/76

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 142.611 $\pm$ 1.383 χ^2 /NDF: 1012.1/13

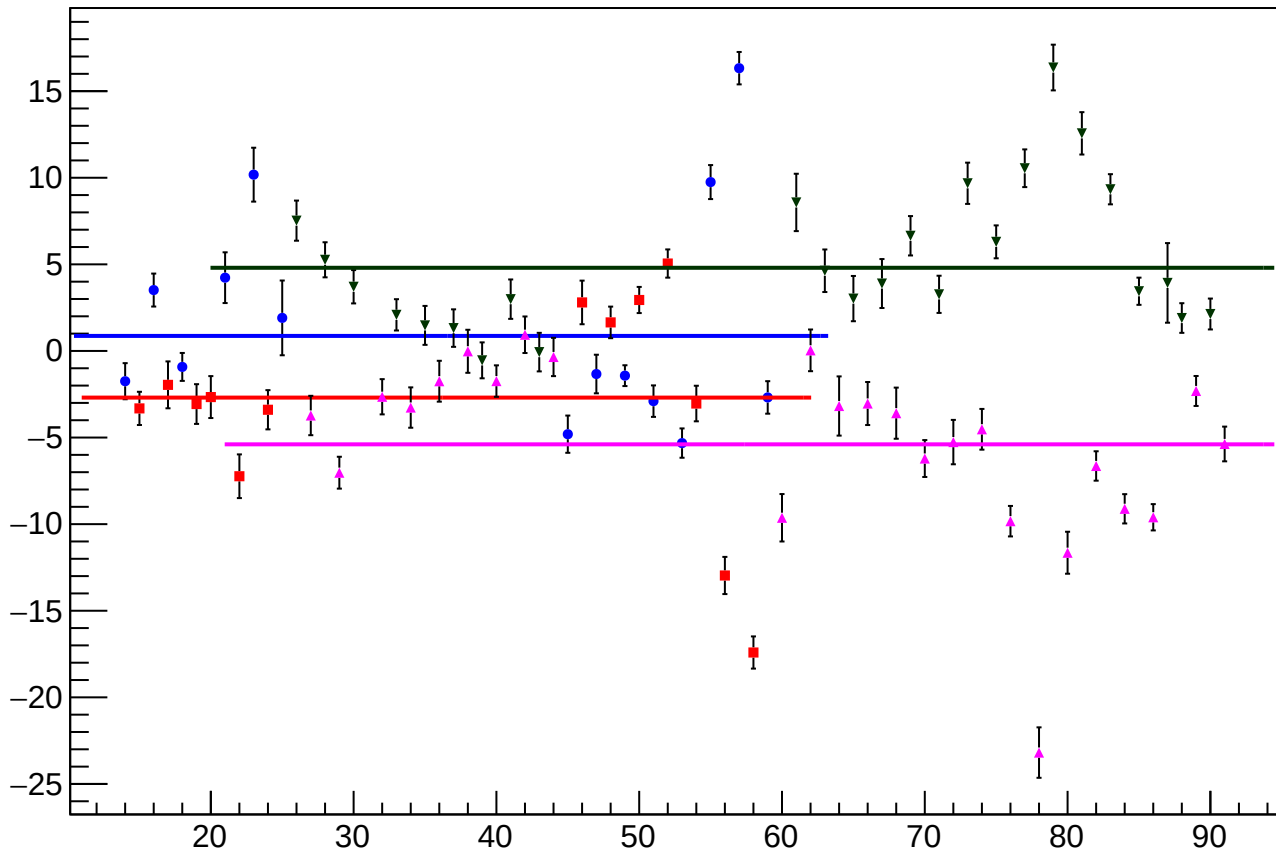
Left Out: 156.613 $\pm$ 1.230 χ^2 /NDF: 2513.6/24

Right Out: -137.473 $\pm$ 1.566 χ^2 /NDF: 2077.9/12

Left In: -142.137 $\pm$ 1.153 χ^2 /NDF: 4486.0/24

6.436 $\pm$ 0.653 χ^2 /NDF: 59756.5/76

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.868 ± 0.258 χ^2/NDF : 546.3/13

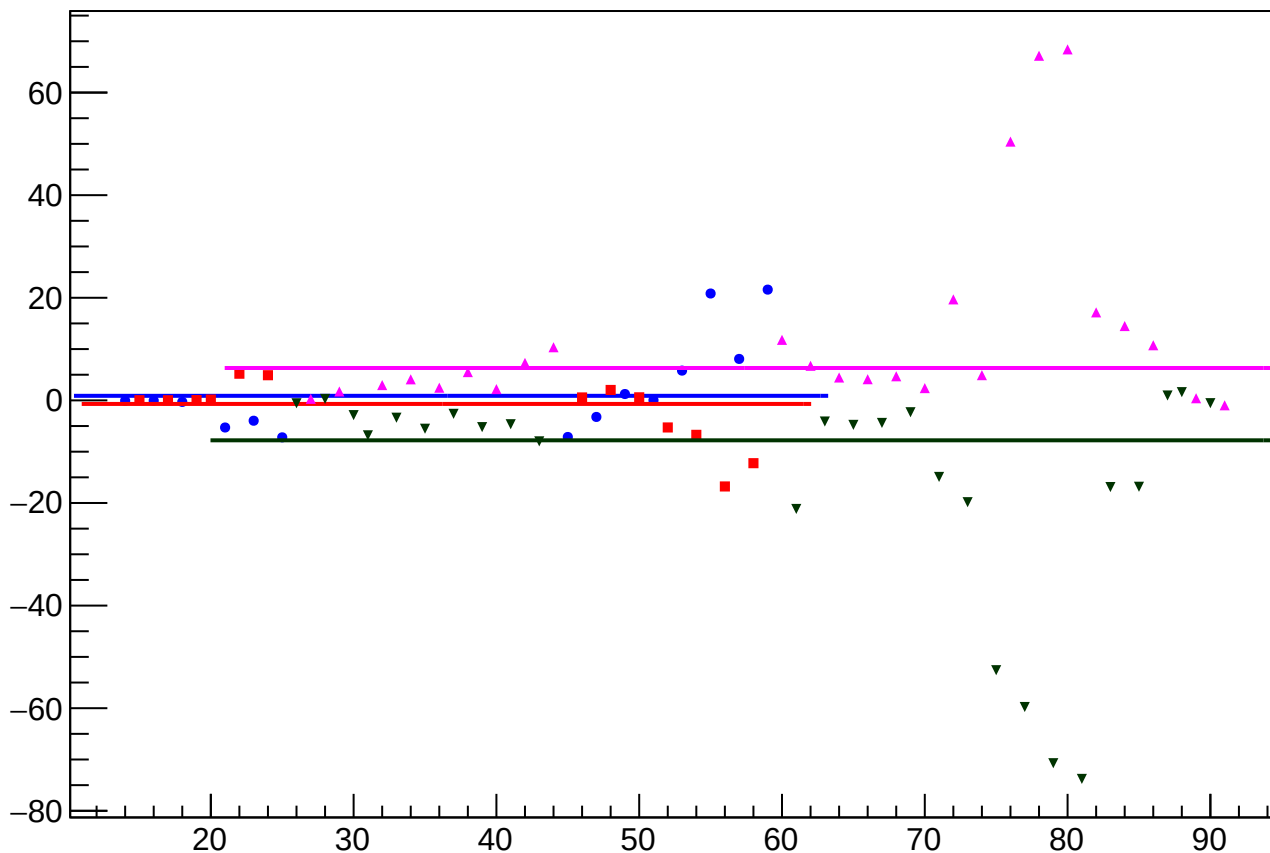
Left Out: 4.802 ± 0.215 χ^2/NDF : 310.3/24

Right Out: -2.693 ± 0.282 χ^2/NDF : 544.4/12

Left In: -5.392 ± 0.213 χ^2/NDF : 421.3/24

-0.511 ± 0.118 χ^2/NDF : 3047.3/76

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 0.889 ± 0.038 χ^2/NDF : 19014.6/13

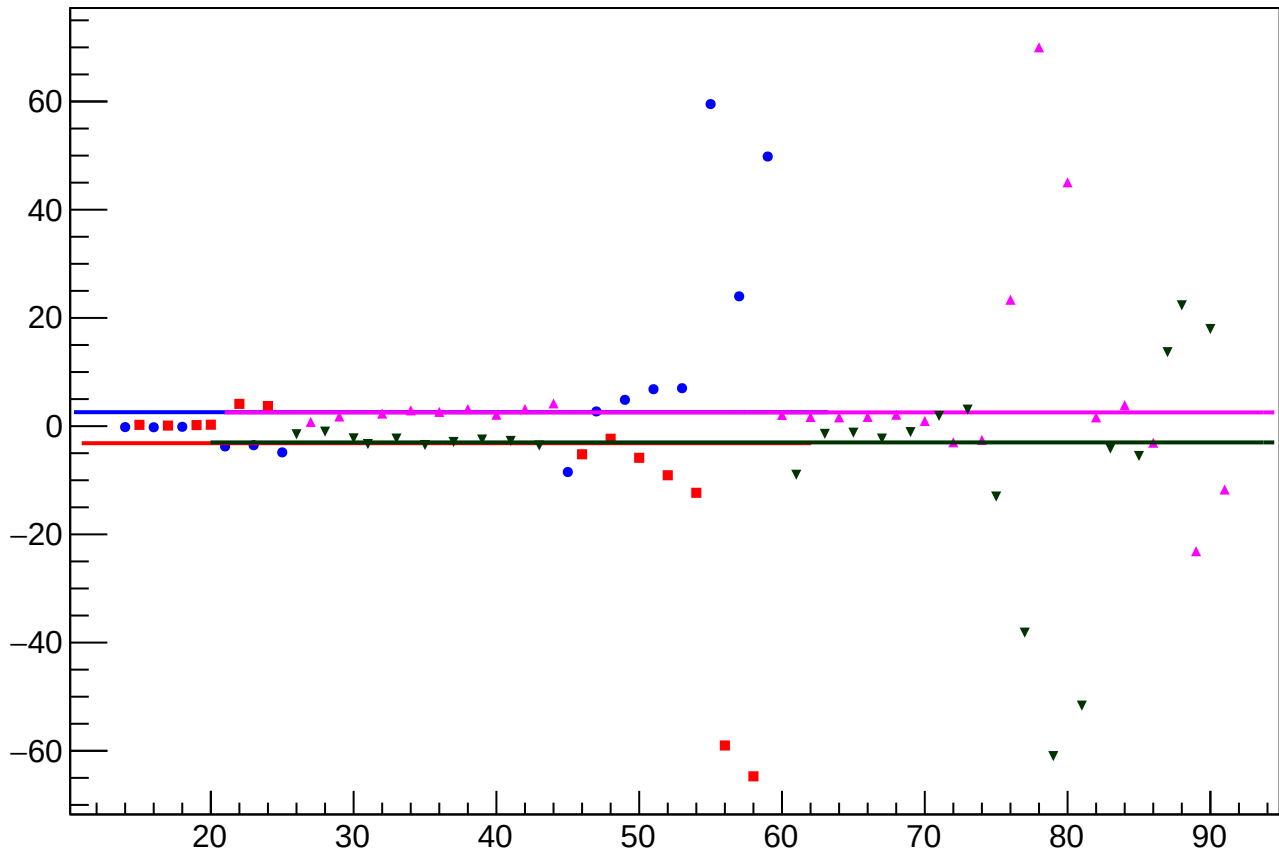
Left Out: -7.784 ± 0.038 χ^2/NDF : 127878.6/25

Right Out: -0.694 ± 0.042 χ^2/NDF : 8688.2/12

Left In: 6.313 ± 0.034 χ^2/NDF : 100135.8/24

0.069 ± 0.019 χ^2/NDF : 333587.4/77

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 2.580 $\pm$ 0.029 χ^2 /NDF: 96175.3/13

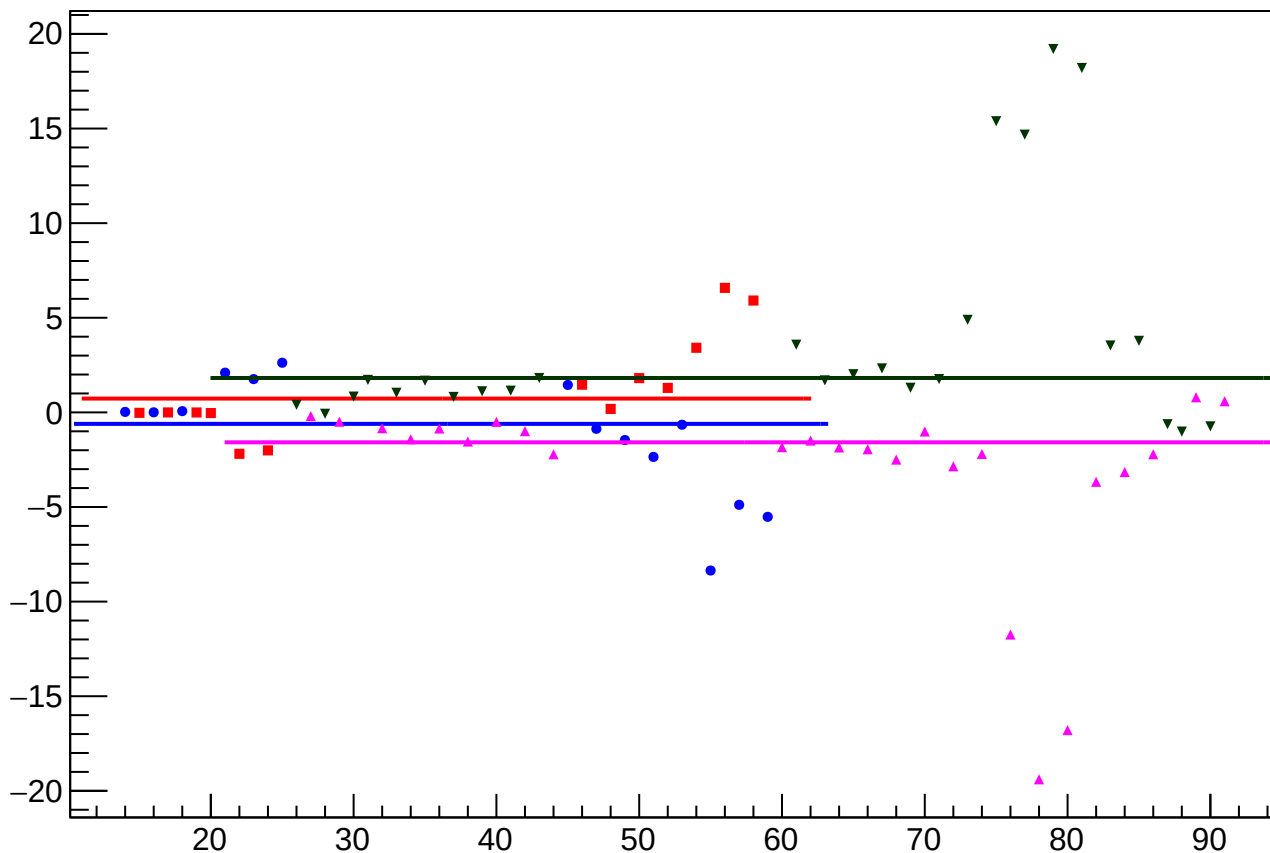
Left Out: -3.006 $\pm$ 0.033 χ^2 /NDF: 51737.4/25

0.048 $\pm$ 0.015 χ^2 /NDF: 331306.4/77

Right Out: -3.153 $\pm$ 0.032 χ^2 /NDF: 105034.3/12

Left In: 2.539 $\pm$ 0.029 χ^2 /NDF: 44690.8/24

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.607 ± 0.007 χ^2/NDF : 68086.2/13

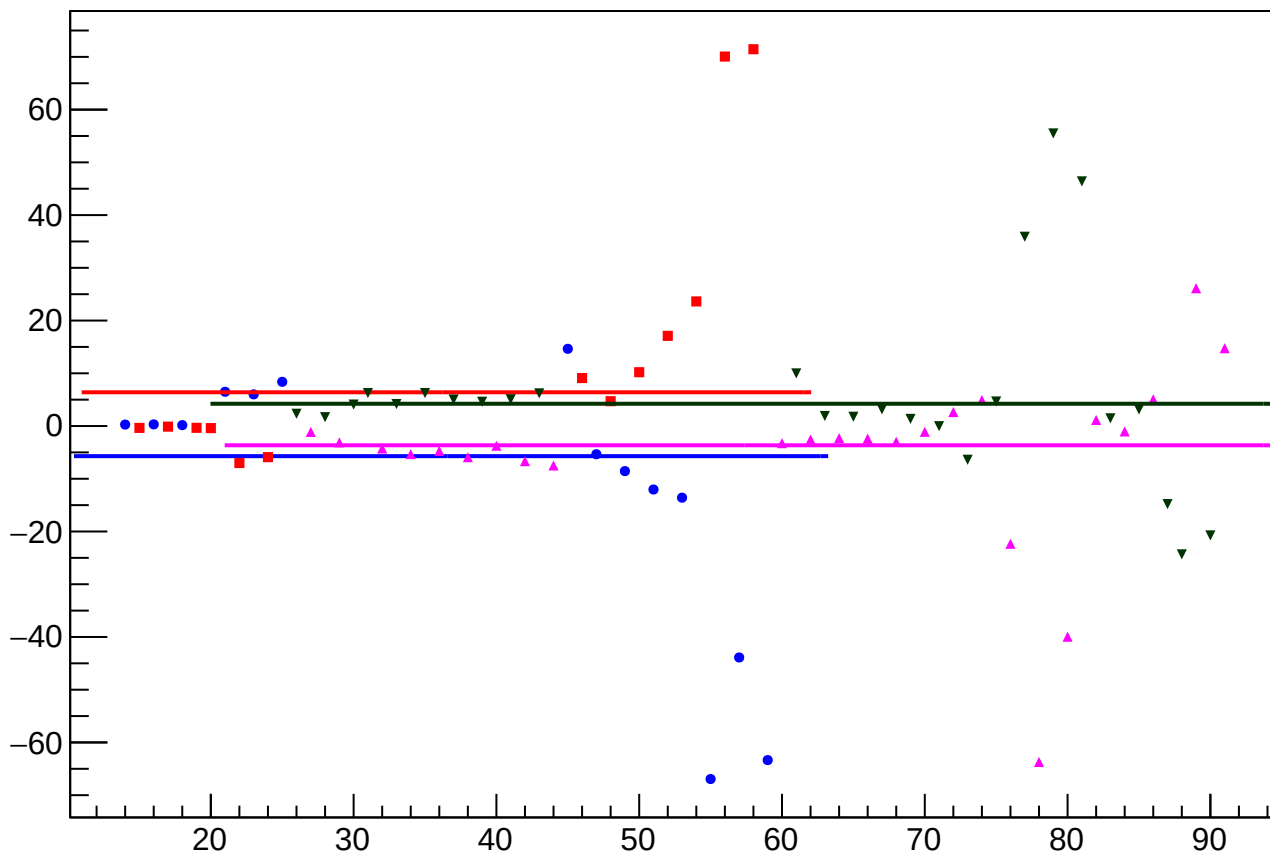
Left Out: 1.818 ± 0.006 χ^2/NDF : 210760.7/25

Right Out: 0.729 ± 0.008 χ^2/NDF : 52170.9/12

Left In: -1.582 ± 0.006 χ^2/NDF : 170931.7/24

-0.012 ± 0.003 χ^2/NDF : 673614.6/77

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -5.712+/-0.046 χ^2/NDF : 122365.2/13

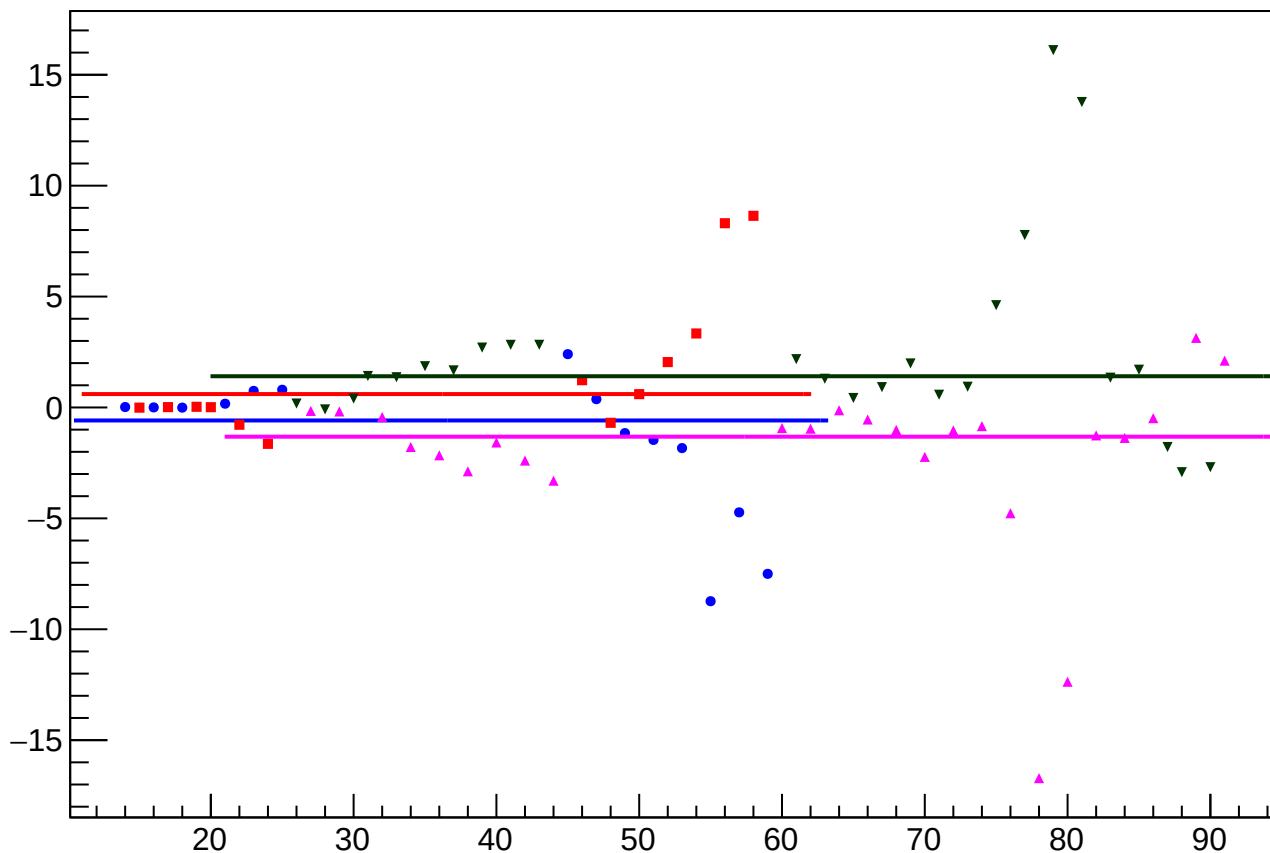
Left Out: 4.224+/-0.050 χ^2/NDF : 32401.7/25

Right Out: 6.397+/-0.050 χ^2/NDF : 112551.5/12

Left In: -3.652+/-0.045 χ^2/NDF : 28440.9/24

-0.179+/-0.024 χ^2/NDF : 341376.1/77

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.586 ± 0.008 χ^2/NDF : 52197.9/13

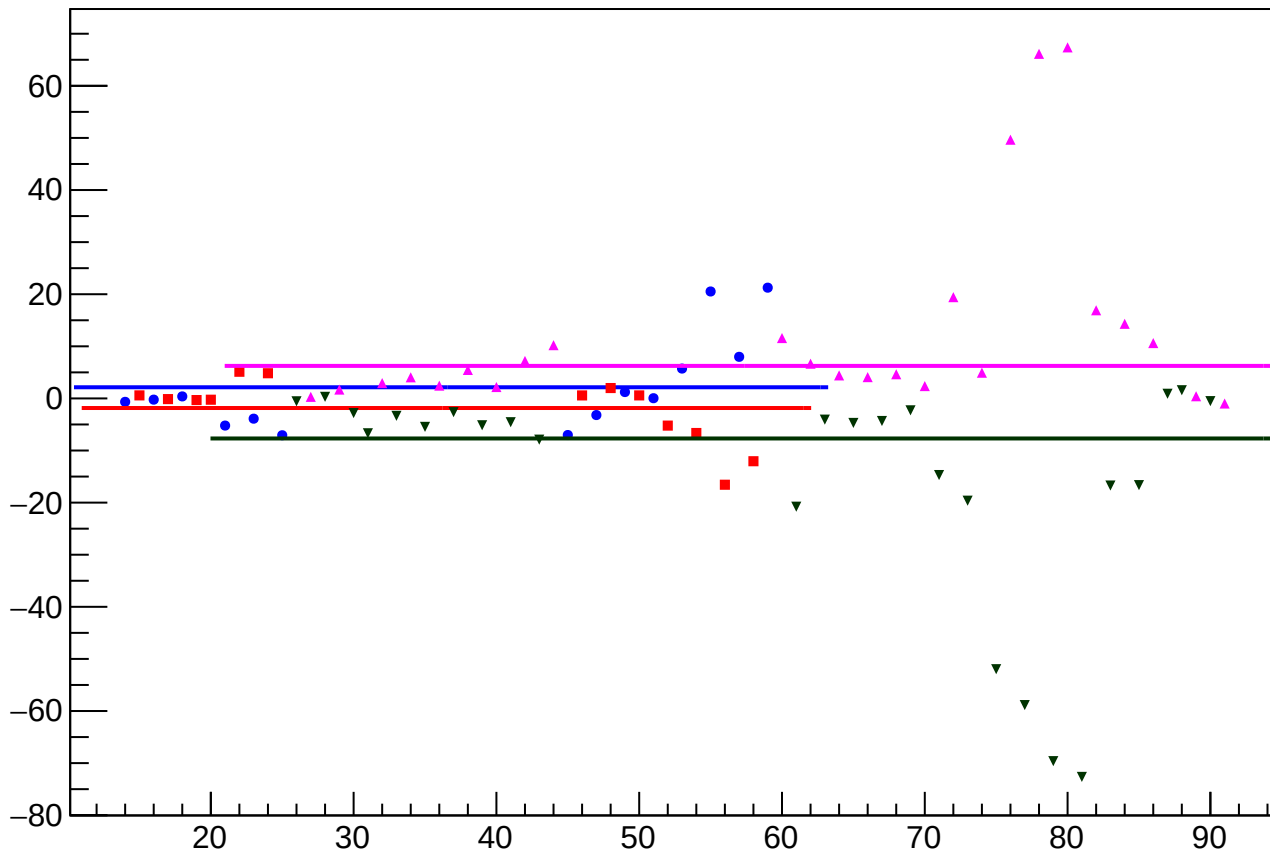
Left Out: 1.408 ± 0.009 χ^2/NDF : 57267.8/25

Right Out: 0.604 ± 0.009 χ^2/NDF : 53948.5/12

Left In: -1.317 ± 0.009 χ^2/NDF : 47067.0/24

-0.013 ± 0.004 χ^2/NDF : 270086.0/77

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 2.141 ± 0.056 χ^2/NDF : 18147.5/13

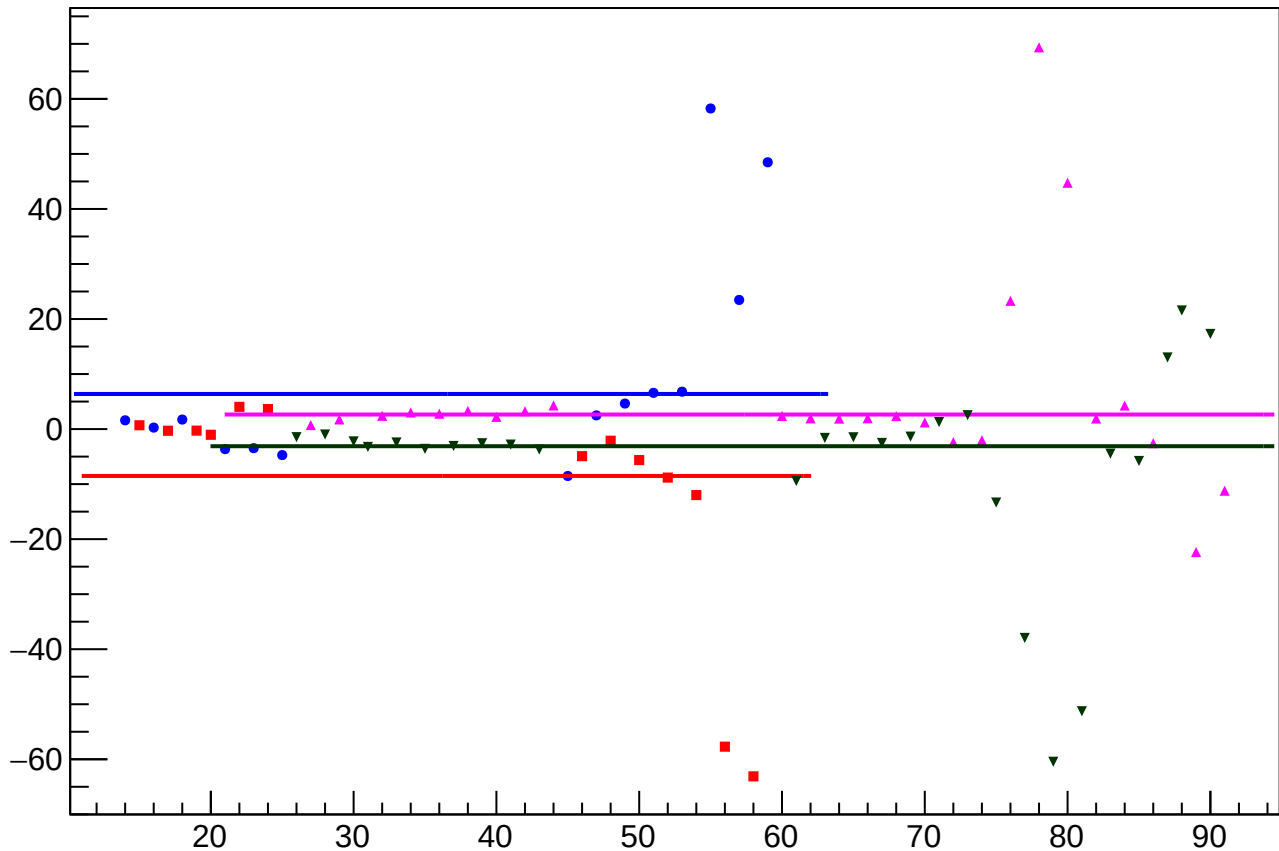
Left Out: -7.688 ± 0.037 χ^2/NDF : 128006.0/25

Right Out: -1.841 ± 0.066 χ^2/NDF : 8211.7/12

Left In: 6.244 ± 0.034 χ^2/NDF : 100140.4/24

0.106 ± 0.022 χ^2/NDF : 334099.3/77

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 6.381+/-0.045 χ^2/NDF : 81950.5/13

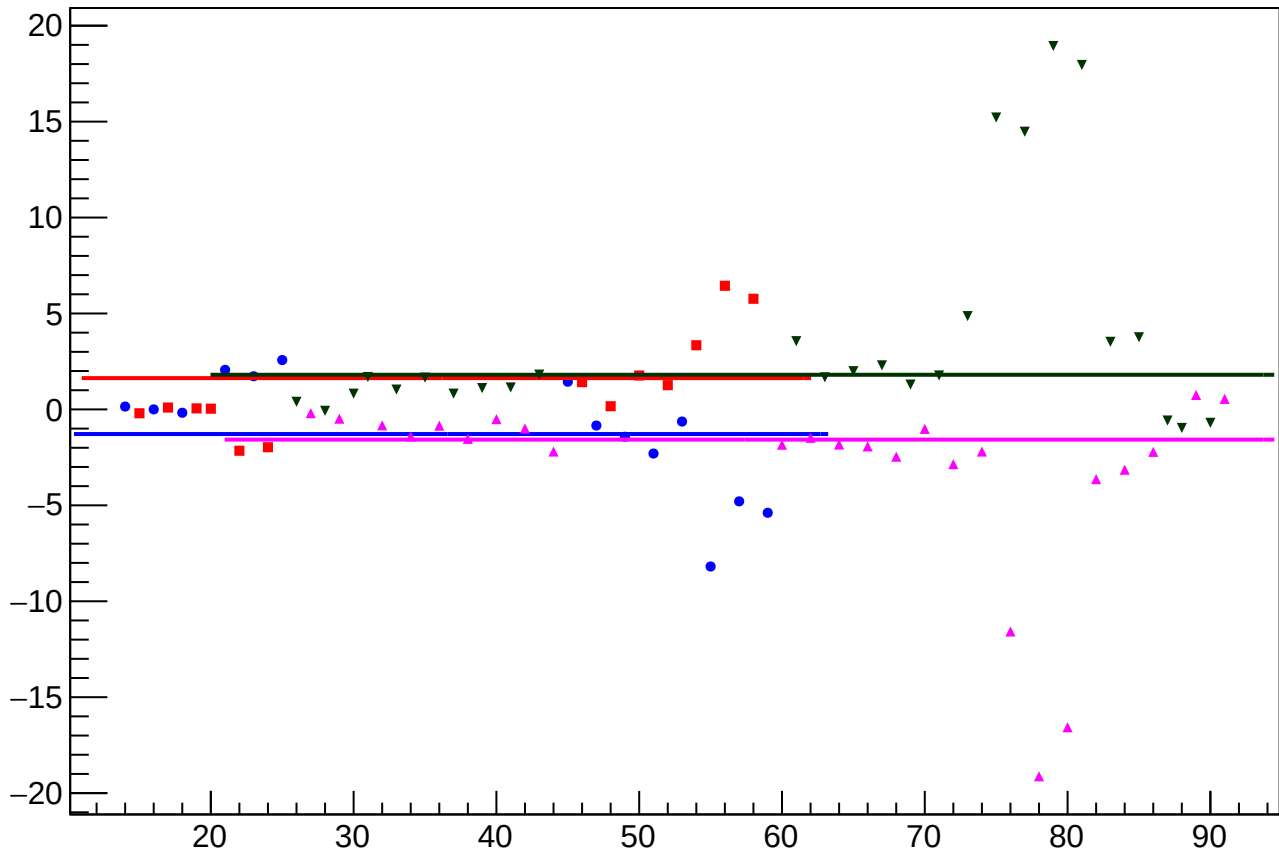
Left Out: -3.112+/-0.032 χ^2/NDF : 52161.1/25

0.079+/-0.018 χ^2/NDF : 329778.1/77

Right Out: -8.517+/-0.052 χ^2/NDF : 85449.7/12

Left In: 2.647+/-0.028 χ^2/NDF : 45029.8/24

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.284 ± 0.010 $\chi^2/\text{NDF}: 58680.9/13$

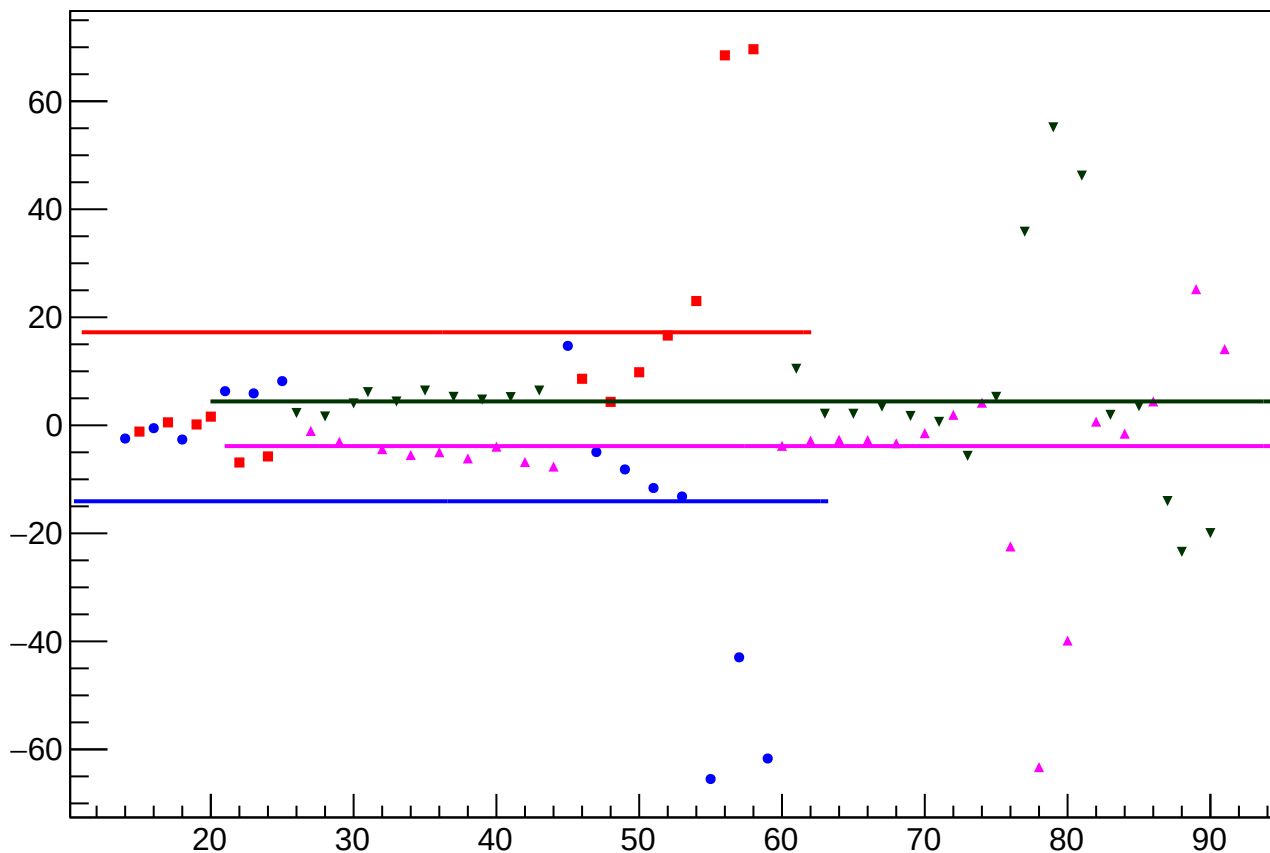
Left Out: 1.805 ± 0.006 $\chi^2/\text{NDF}: 211545.5/25$

Right Out: 1.631 ± 0.012 $\chi^2/\text{NDF}: 40211.8/12$

Left In: -1.574 ± 0.006 $\chi^2/\text{NDF}: 171457.9/24$

-0.018 ± 0.004 $\chi^2/\text{NDF}: 675506.7/77$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -14.062 ± 0.071 χ^2/NDF : 96028.9/13

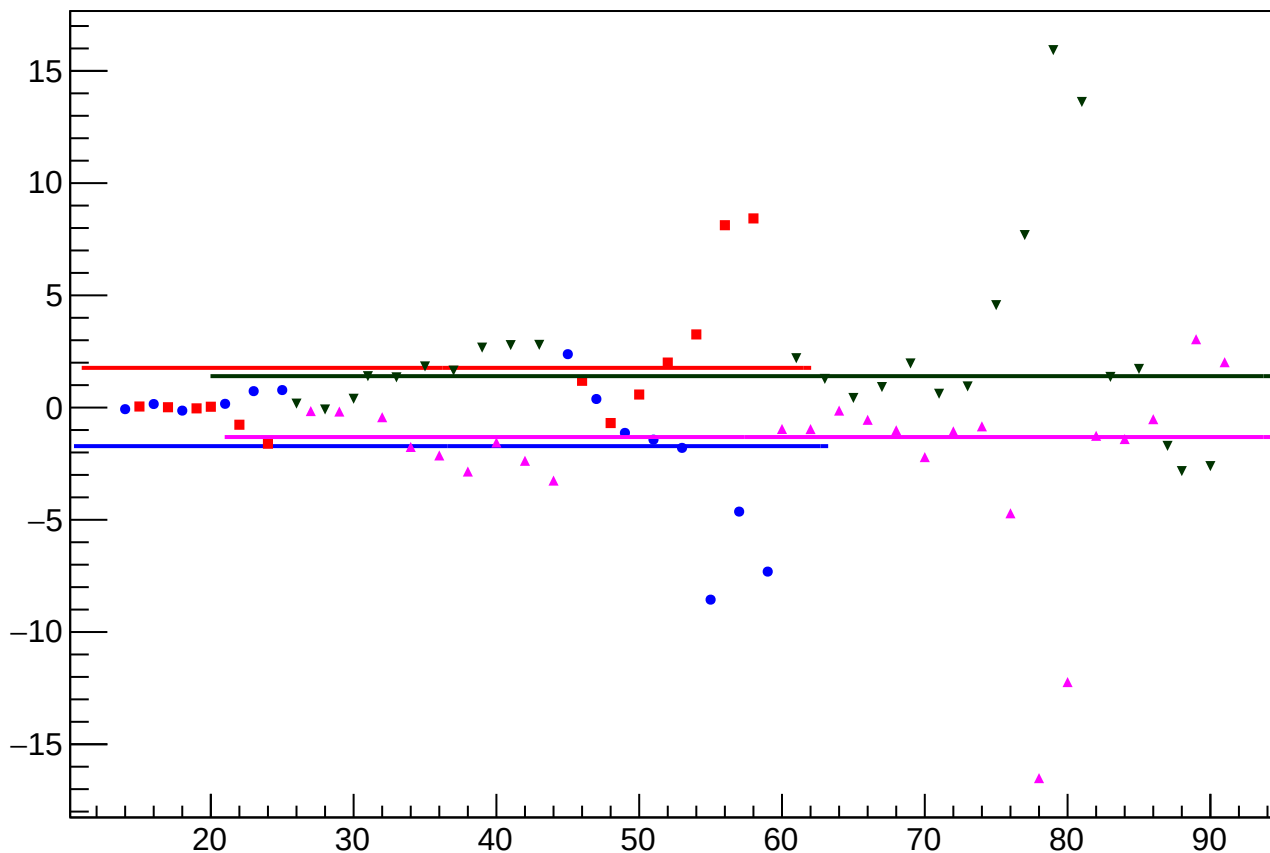
Left Out: 4.424 ± 0.050 χ^2/NDF : 32543.1/25

Right Out: 17.226 ± 0.081 χ^2/NDF : 81038.7/12

Left In: -3.849 ± 0.044 χ^2/NDF : 28560.2/24

-0.270 ± 0.028 χ^2/NDF : 338483.0/77

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.718 ± 0.014 $\chi^2/\text{NDF}: 40679.7/13$

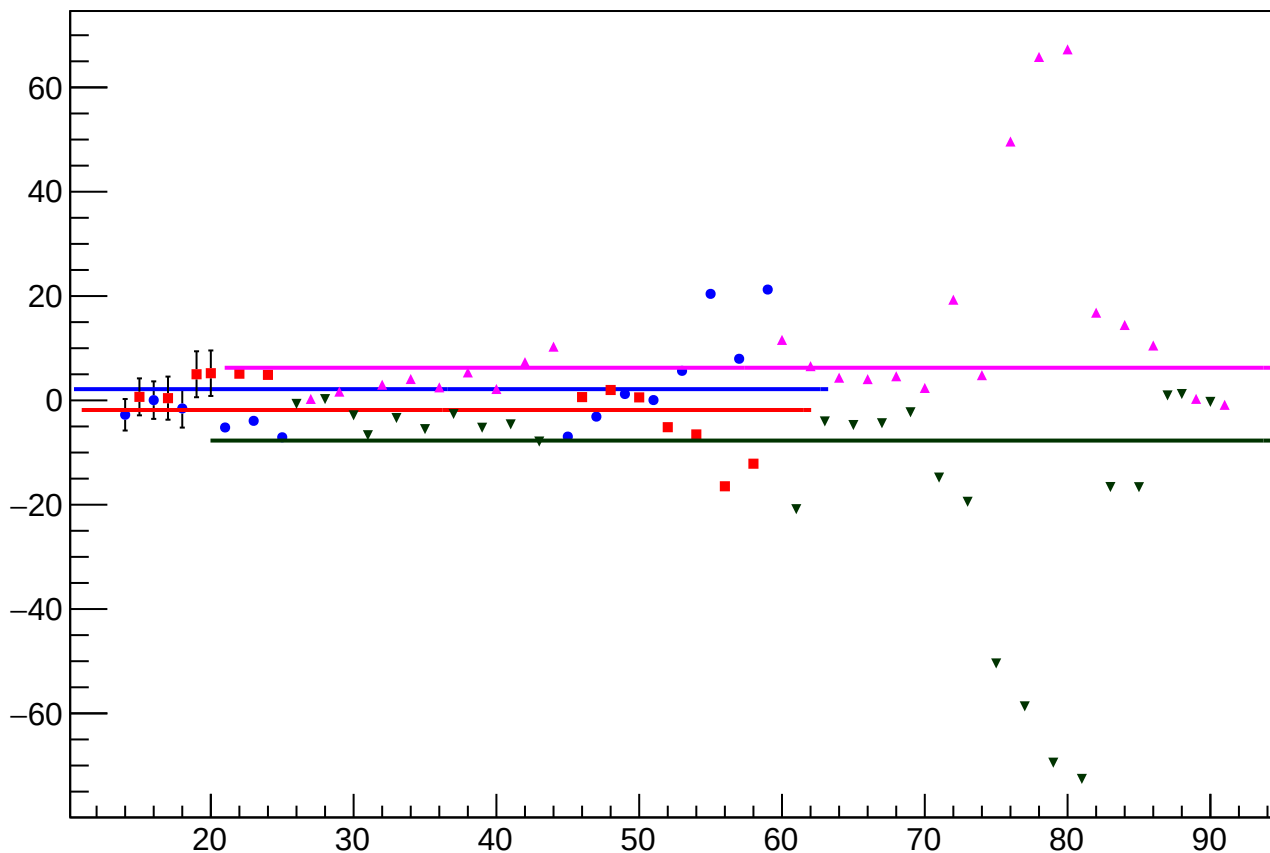
Left Out: 1.400 ± 0.009 $\chi^2/\text{NDF}: 57474.6/25$

Right Out: 1.770 ± 0.015 $\chi^2/\text{NDF}: 43693.9/12$

Left In: -1.313 ± 0.008 $\chi^2/\text{NDF}: 47142.3/24$

-0.024 ± 0.005 $\chi^2/\text{NDF}: 269567.4/77$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 2.154 ± 0.056 $\chi^2/\text{NDF}: 18045.0/13$

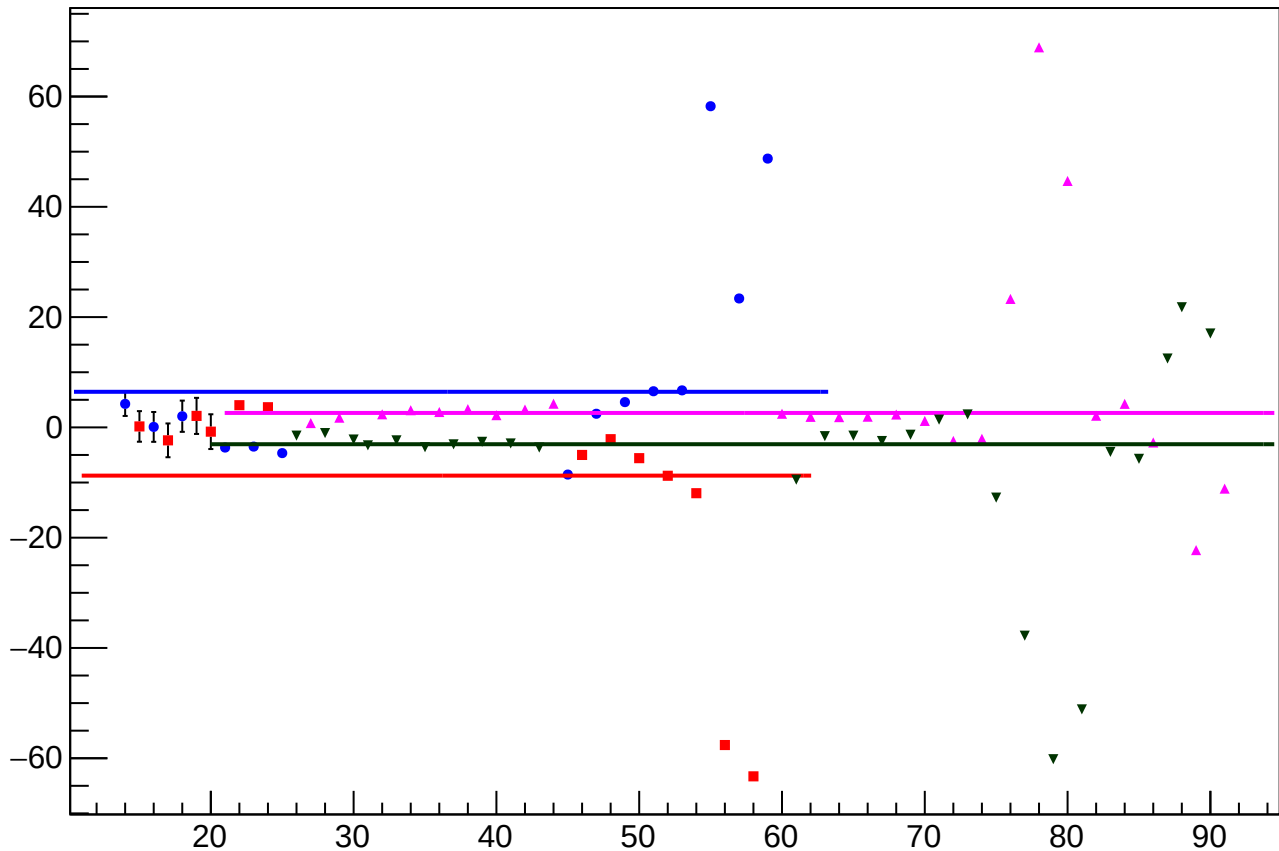
Left Out: -7.704 ± 0.037 $\chi^2/\text{NDF}: 129984.8/25$

Right Out: -1.844 ± 0.066 $\chi^2/\text{NDF}: 8210.7/12$

Left In: 6.255 ± 0.033 $\chi^2/\text{NDF}: 102880.8/24$

0.116 ± 0.021 $\chi^2/\text{NDF}: 341518.5/77$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 6.454 ± 0.045 $\chi^2/\text{NDF}: 82131.8/13$

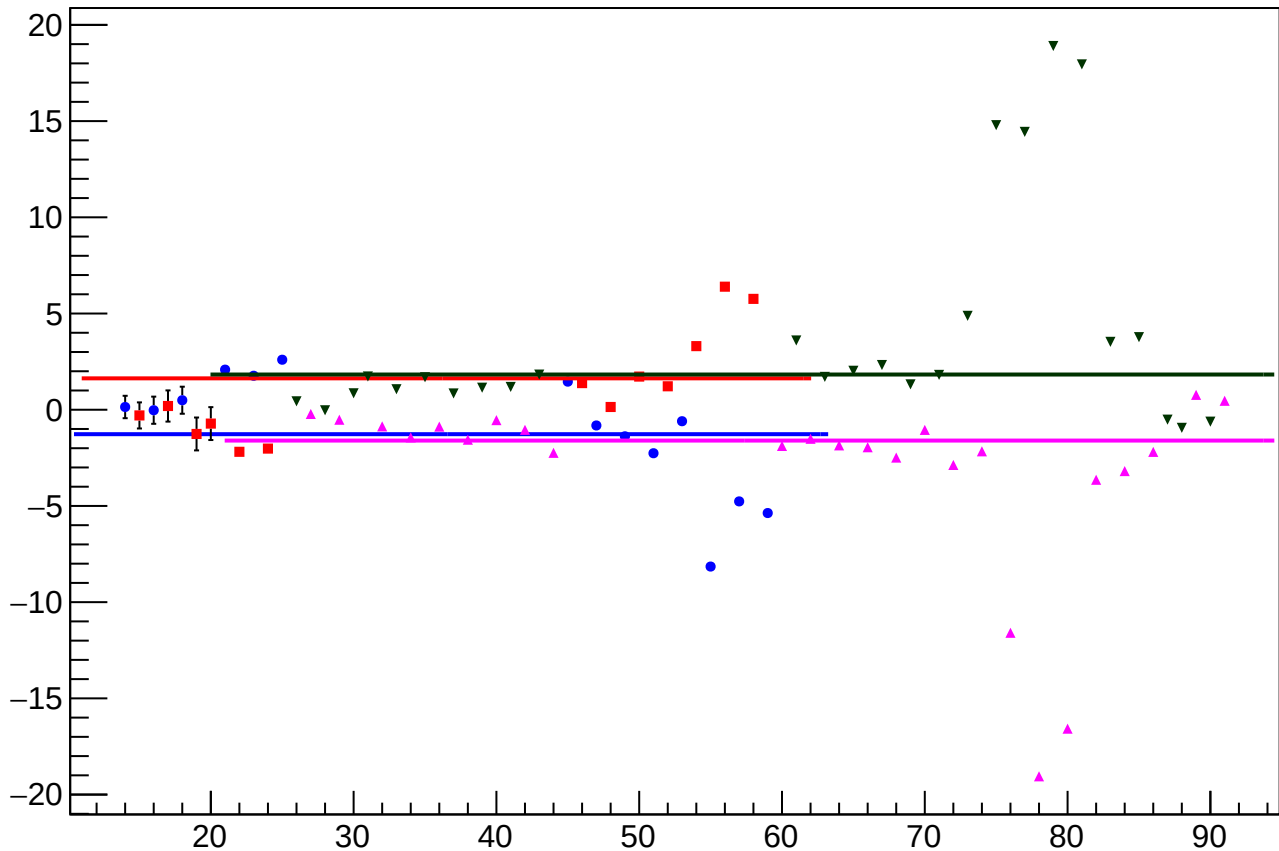
Left Out: -3.053 ± 0.032 $\chi^2/\text{NDF}: 53505.5/25$

0.084 ± 0.018 $\chi^2/\text{NDF}: 333227.6/77$

Right Out: -8.747 ± 0.052 $\chi^2/\text{NDF}: 84772.8/12$

Left In: 2.621 ± 0.028 $\chi^2/\text{NDF}: 46572.1/24$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.271 ± 0.010 χ^2/NDF : 58640.5/13

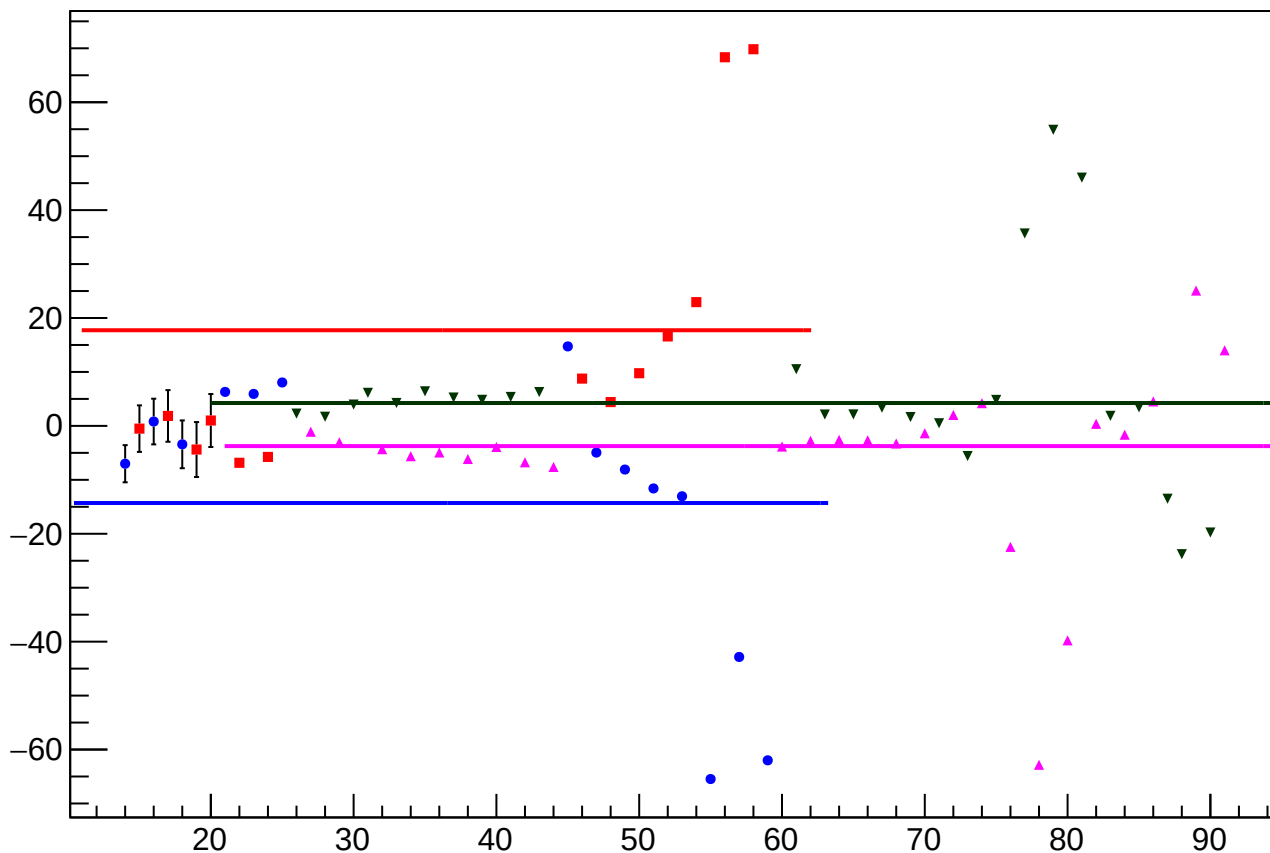
Left Out: 1.830 ± 0.006 χ^2/NDF : 214802.2/25

Right Out: 1.631 ± 0.012 χ^2/NDF : 39913.4/12

Left In: -1.602 ± 0.006 χ^2/NDF : 175693.8/24

-0.024 ± 0.004 χ^2/NDF : 691882.7/77

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -14.292 ± 0.071 χ^2/NDF : 95879.5/13

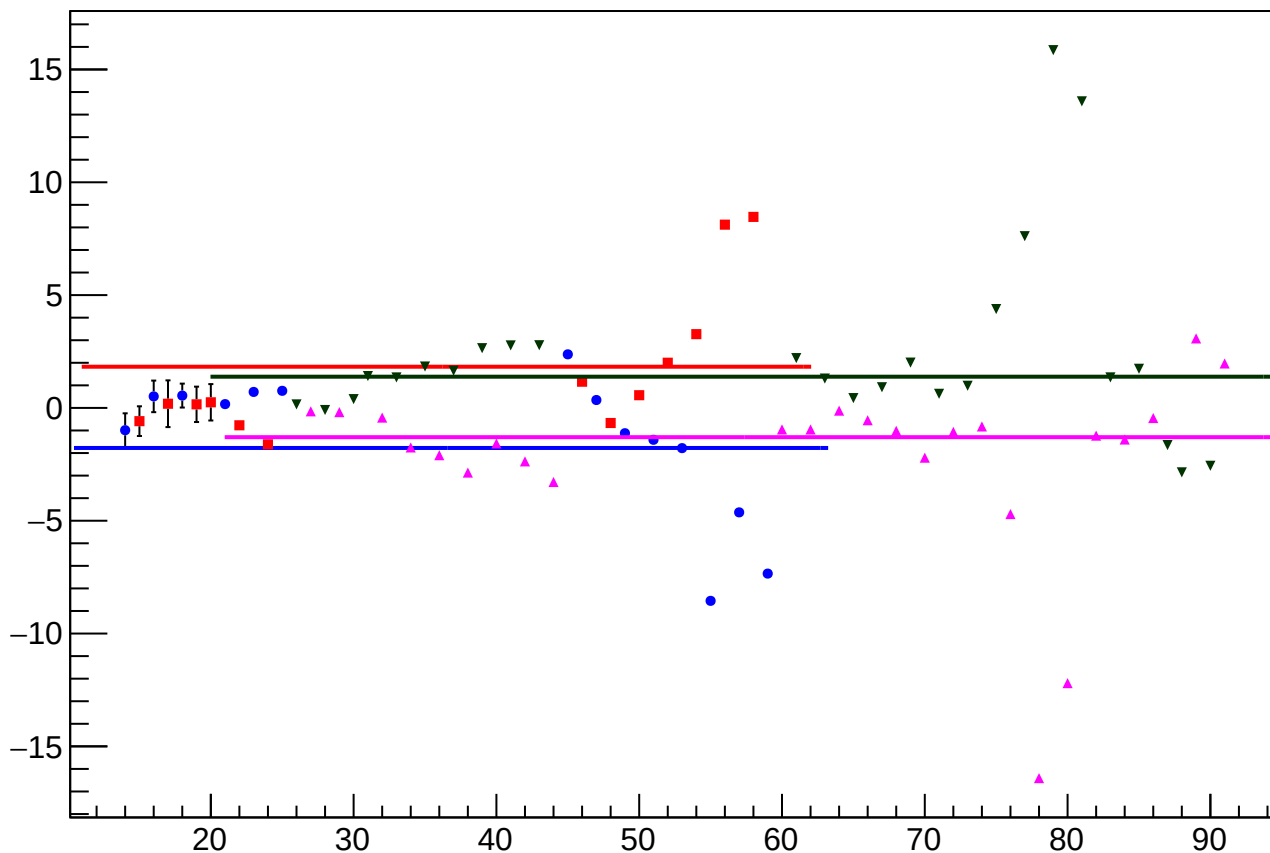
Left Out: 4.243 ± 0.049 χ^2/NDF : 34007.2/25

Right Out: 17.731 ± 0.082 χ^2/NDF : 79679.2/12

Left In: -3.748 ± 0.043 χ^2/NDF : 29908.4/24

-0.279 ± 0.028 χ^2/NDF : 341530.2/77

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.775 ± 0.014 $\chi^2/\text{NDF}: 40248.7/13$

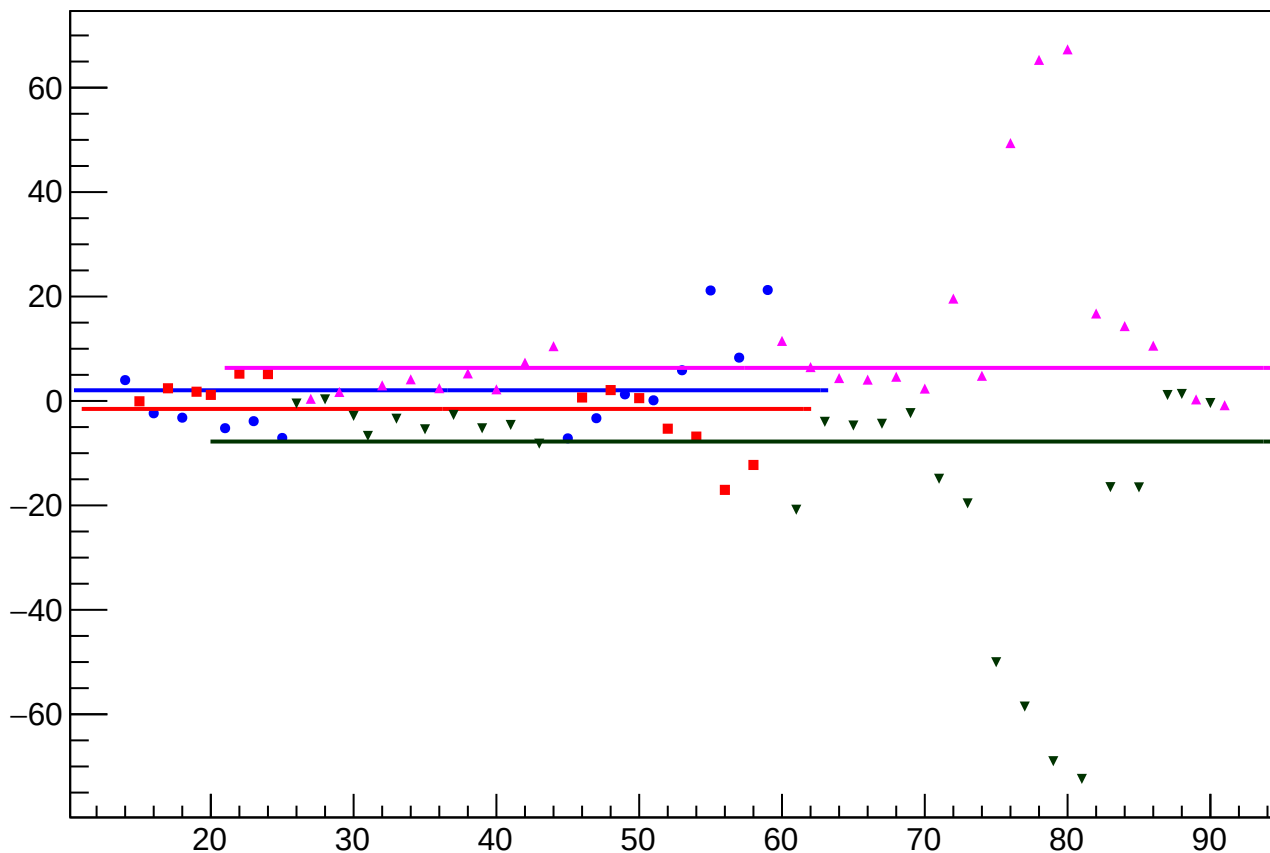
Left Out: 1.384 ± 0.009 $\chi^2/\text{NDF}: 58888.1/25$

Right Out: 1.826 ± 0.015 $\chi^2/\text{NDF}: 43493.6/12$

Left In: -1.297 ± 0.008 $\chi^2/\text{NDF}: 48805.9/24$

-0.026 ± 0.005 $\chi^2/\text{NDF}: 273539.3/77$

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 2.047 ± 0.055 $\chi^2/\text{NDF}: 18482.2/13$

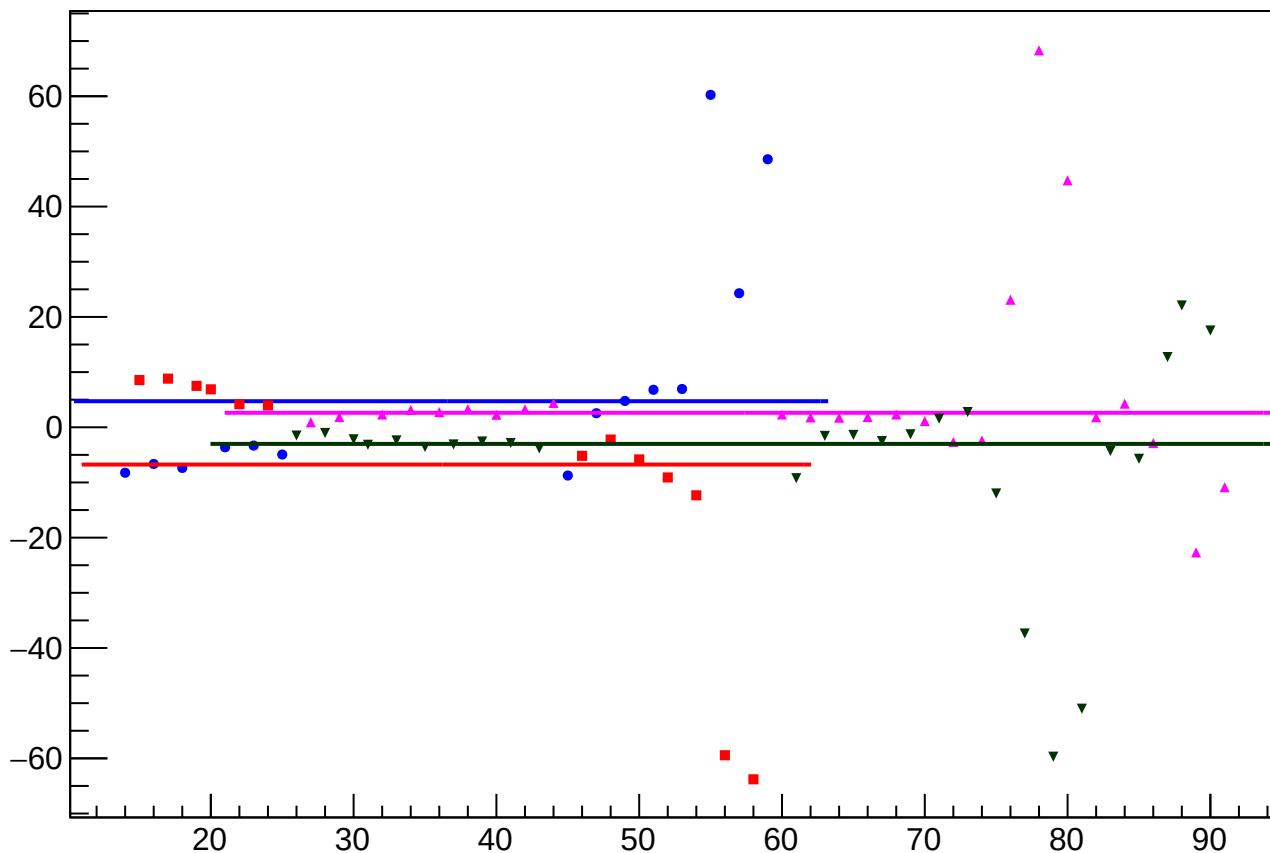
Left Out: -7.771 ± 0.037 $\chi^2/\text{NDF}: 129911.3/25$

Right Out: -1.526 ± 0.064 $\chi^2/\text{NDF}: 8501.8/12$

Left In: 6.333 ± 0.033 $\chi^2/\text{NDF}: 103189.8/24$

0.155 ± 0.021 $\chi^2/\text{NDF}: 343141.2/77$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 4.725 ± 0.043 $\chi^2/\text{NDF}: 94009.6/13$

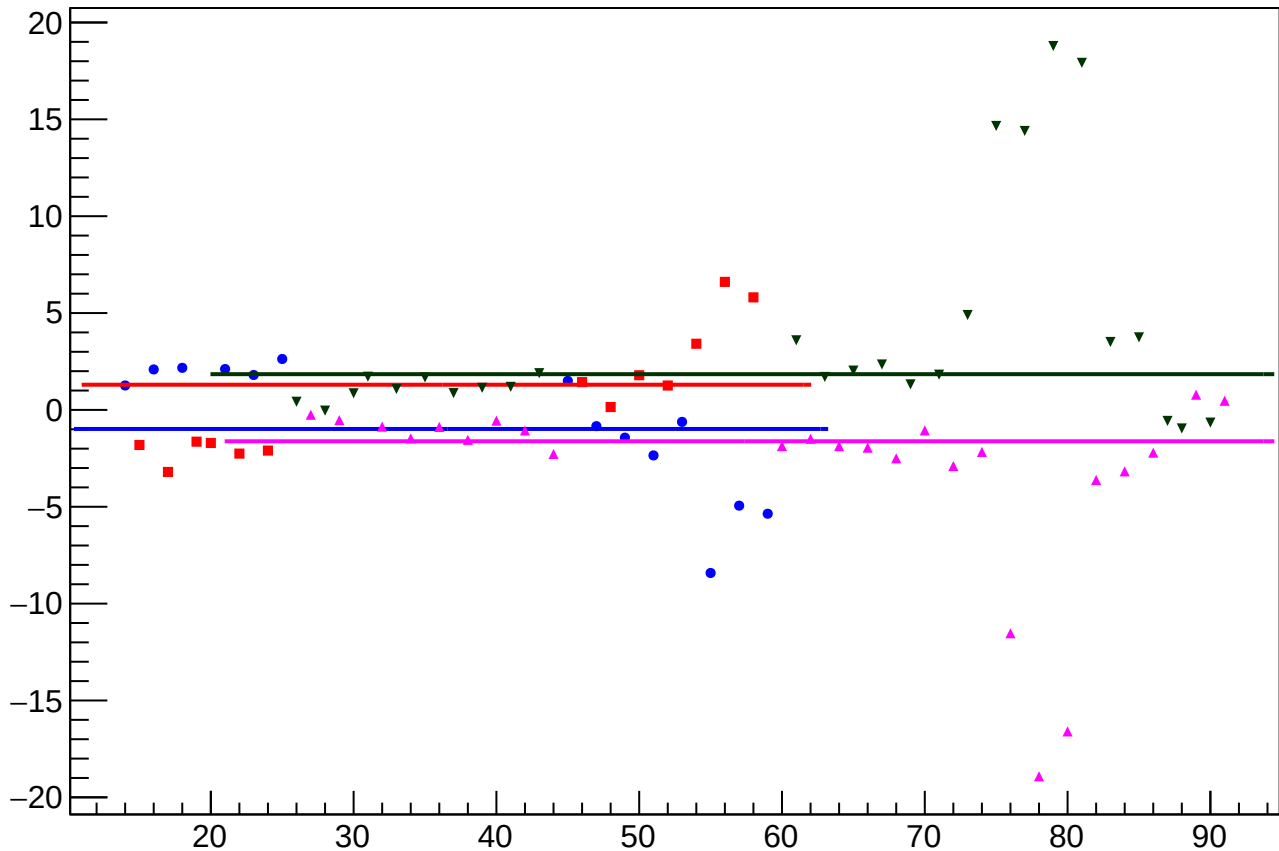
Left Out: -3.011 ± 0.032 $\chi^2/\text{NDF}: 54104.6/25$

0.060 ± 0.018 $\chi^2/\text{NDF}: 340262.6/77$

Right Out: -6.754 ± 0.050 $\chi^2/\text{NDF}: 97543.5/12$

Left In: 2.627 ± 0.028 $\chi^2/\text{NDF}: 47271.6/24$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.983 ± 0.010 χ^2/NDF : 67088.7/13

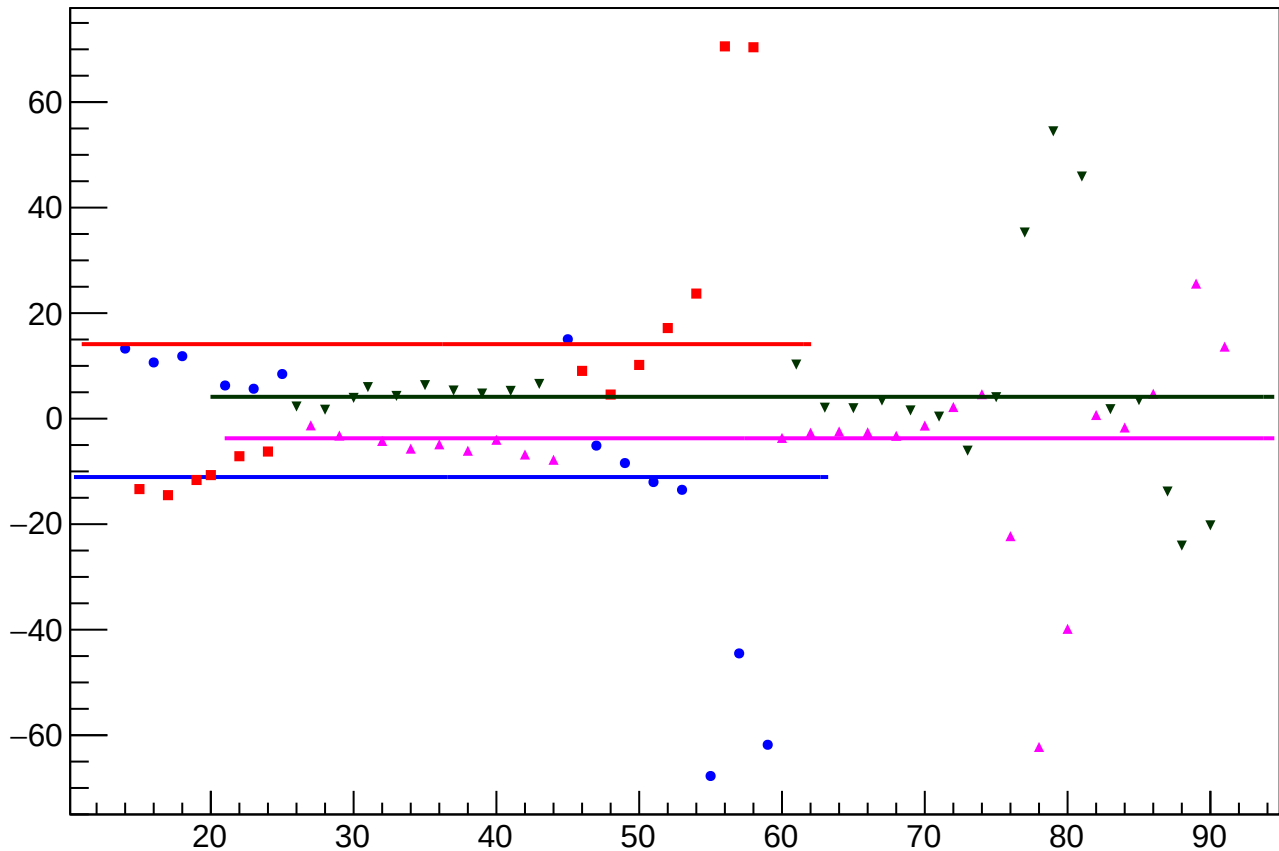
Left Out: 1.845 ± 0.006 χ^2/NDF : 214853.4/25

Right Out: 1.300 ± 0.011 χ^2/NDF : 50126.2/12

Left In: -1.619 ± 0.006 χ^2/NDF : 176388.5/24

-0.025 ± 0.004 χ^2/NDF : 700511.4/77

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -11.067 ± 0.068 $\chi^2/\text{NDF}: 113132.7/13$

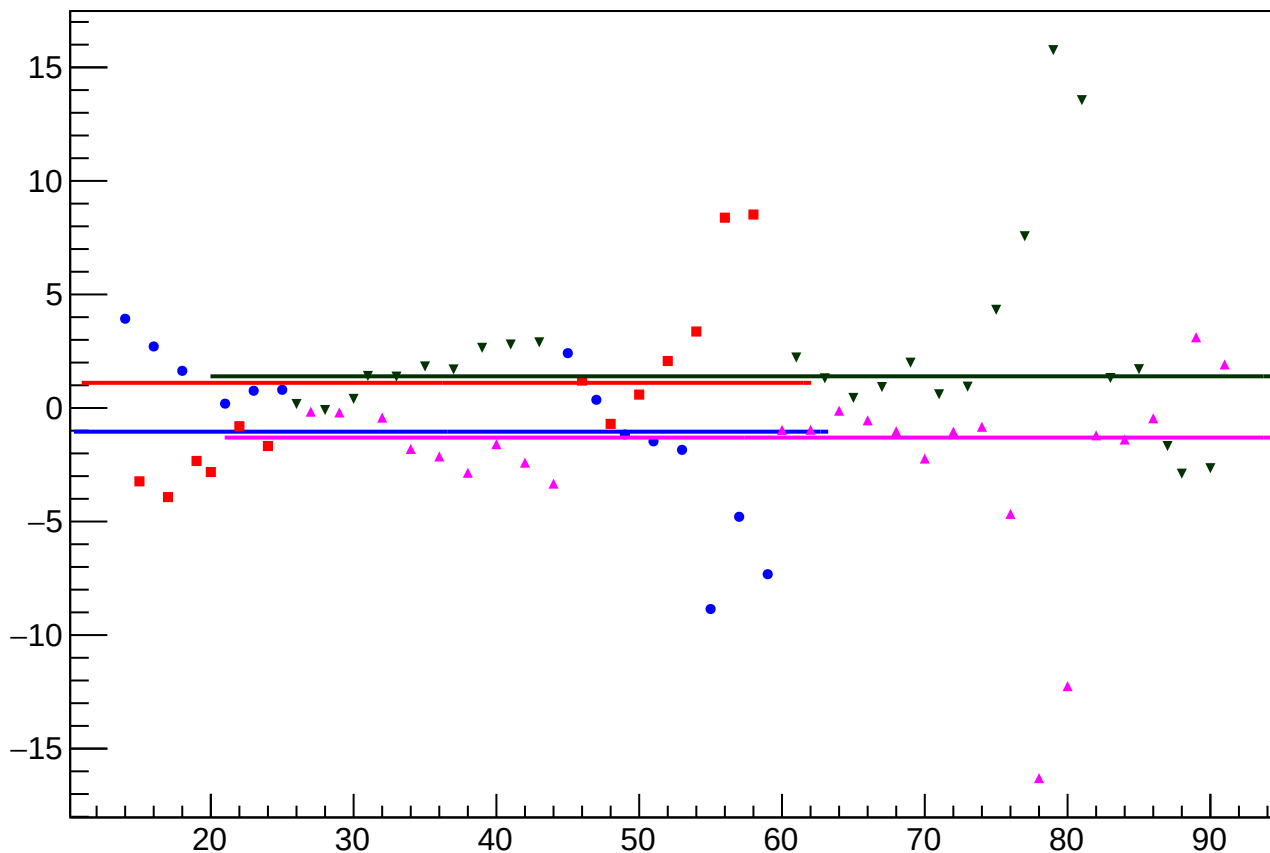
Left Out: 4.138 ± 0.049 $\chi^2/\text{NDF}: 34882.5/25$

-0.236 ± 0.028 $\chi^2/\text{NDF}: 348855.9/77$

Right Out: 14.121 ± 0.078 $\chi^2/\text{NDF}: 97243.3/12$

Left In: -3.720 ± 0.044 $\chi^2/\text{NDF}: 30690.8/24$

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -1.043 ± 0.013 χ^2/NDF : 58227.7/13

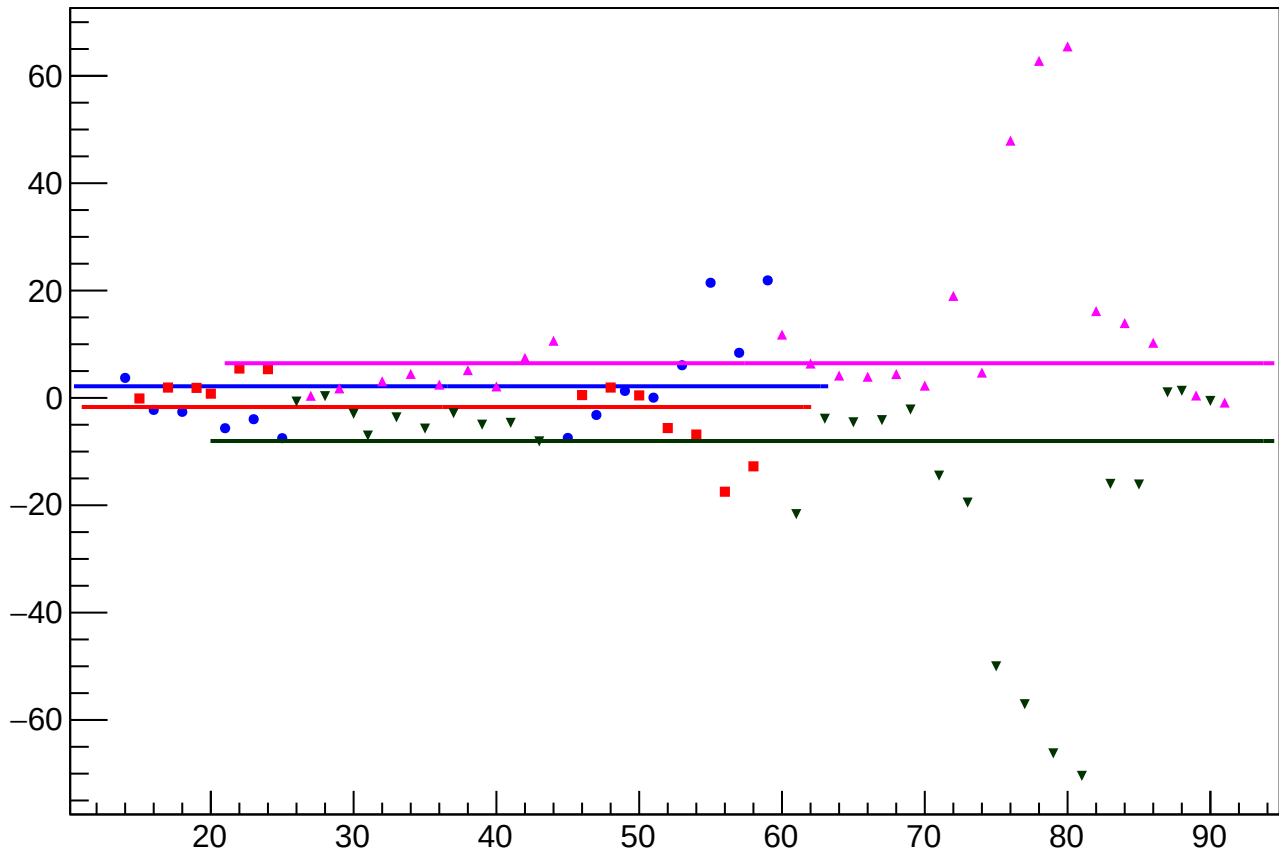
Left Out: 1.395 ± 0.009 χ^2/NDF : 59437.1/25

Right Out: 1.108 ± 0.014 χ^2/NDF : 58996.3/12

Left In: -1.304 ± 0.008 χ^2/NDF : 49583.9/24

-0.015 ± 0.005 χ^2/NDF : 289681.4/77

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 2.167 ± 0.057 $\chi^2/\text{NDF}: 18021.7/13$

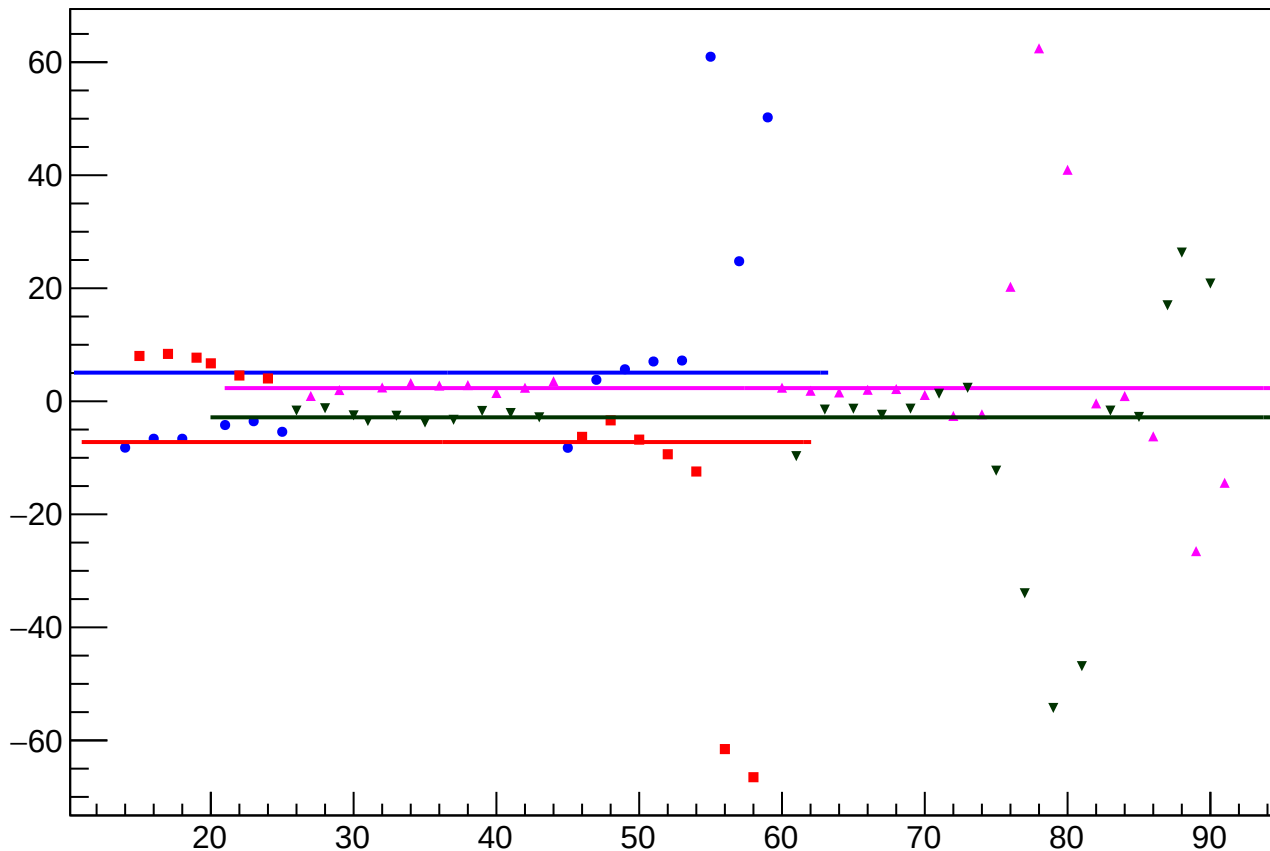
Left Out: -8.031 ± 0.038 $\chi^2/\text{NDF}: 123697.7/25$

Right Out: -1.695 ± 0.067 $\chi^2/\text{NDF}: 8161.8/12$

Left In: 6.460 ± 0.034 $\chi^2/\text{NDF}: 96796.7/24$

0.117 ± 0.022 $\chi^2/\text{NDF}: 329216.1/77$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 5.071 ± 0.045 $\chi^2/\text{NDF}: 93213.7/13$

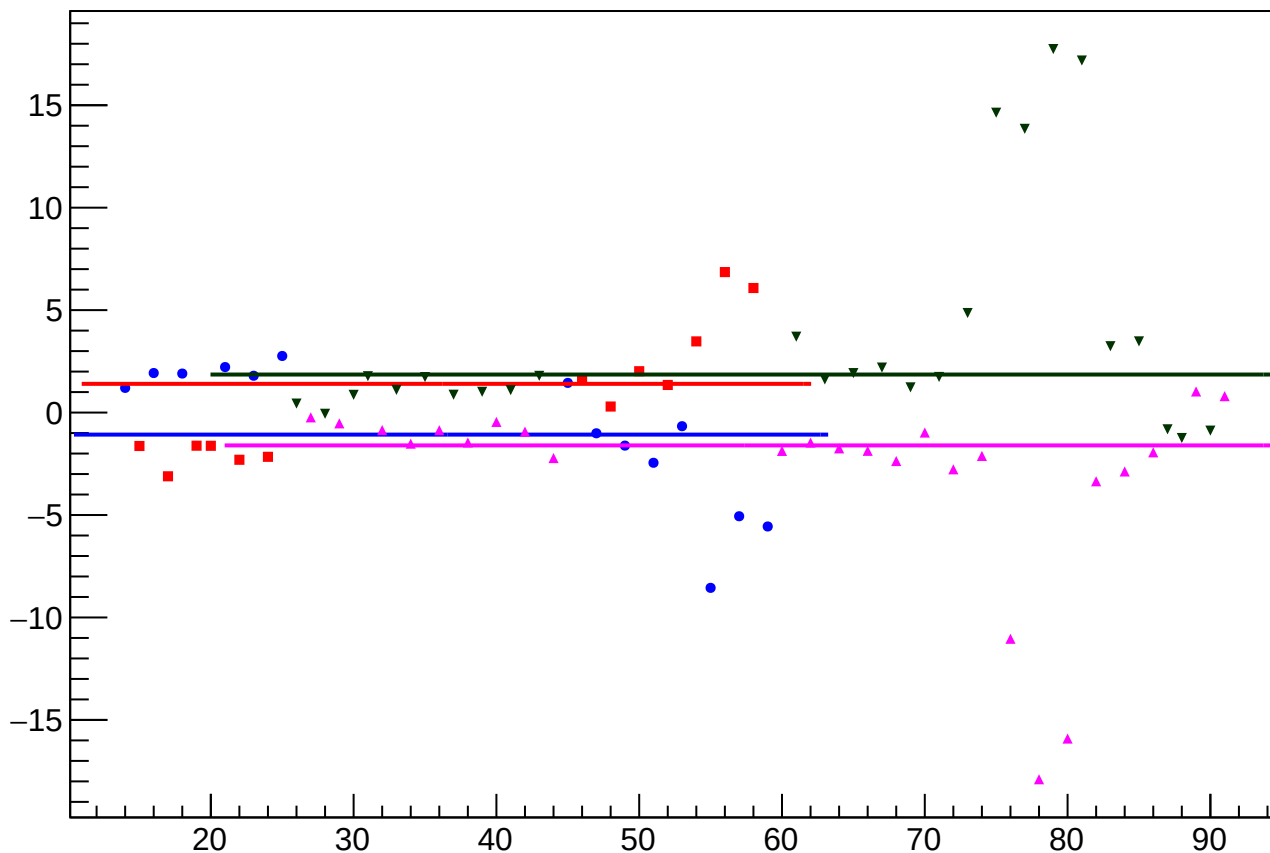
Left Out: -2.836 ± 0.034 $\chi^2/\text{NDF}: 49578.2/25$

0.014 ± 0.019 $\chi^2/\text{NDF}: 326641.1/77$

Right Out: -7.211 ± 0.052 $\chi^2/\text{NDF}: 95981.1/12$

Left In: 2.334 ± 0.030 $\chi^2/\text{NDF}: 42805.4/24$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.076 ± 0.010 $\chi^2/\text{NDF}: 66107.1/13$

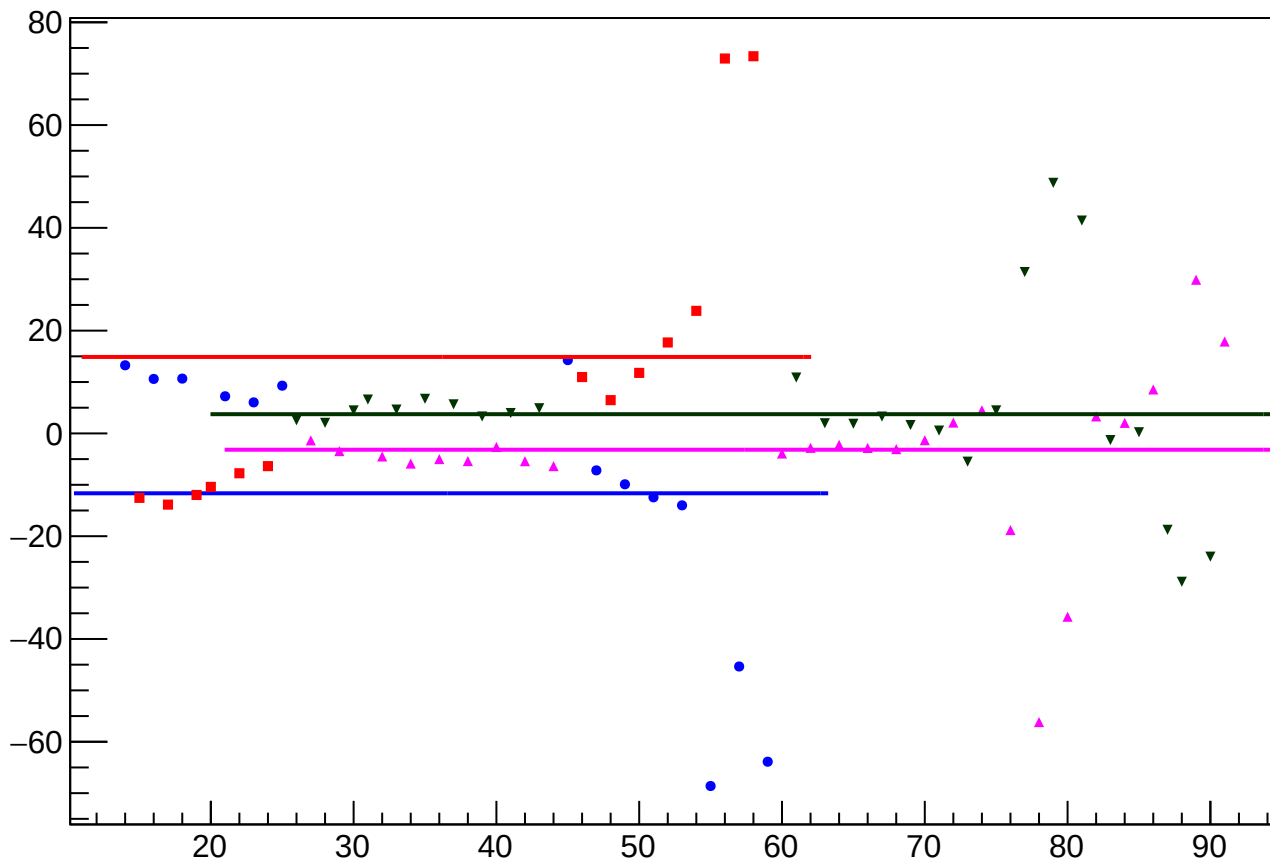
Left Out: 1.856 ± 0.006 $\chi^2/\text{NDF}: 200233.8/25$

Right Out: 1.402 ± 0.012 $\chi^2/\text{NDF}: 49262.7/12$

Left In: -1.602 ± 0.006 $\chi^2/\text{NDF}: 161302.9/24$

-0.021 ± 0.004 $\chi^2/\text{NDF}: 659686.0/77$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -11.651 ± 0.071 χ^2/NDF : 111920.4/13

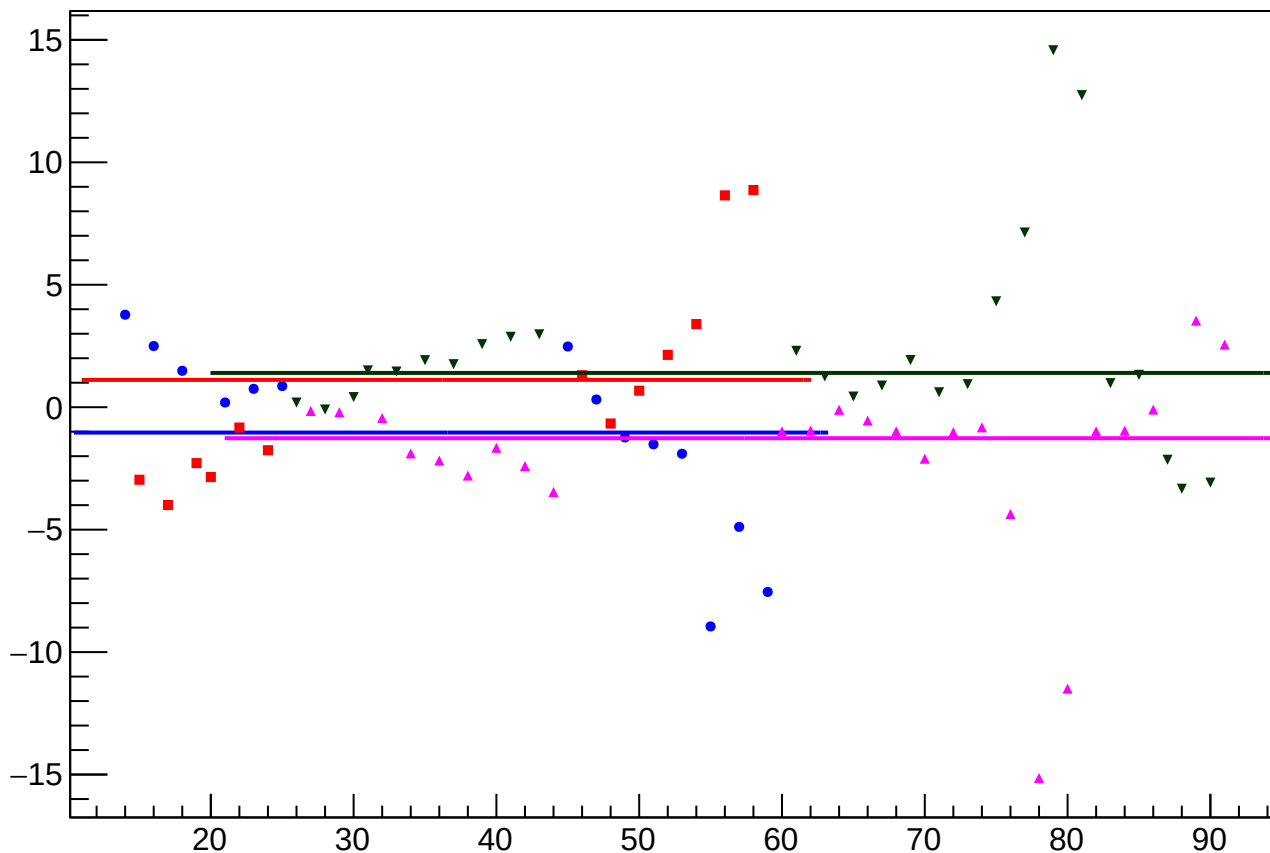
Left Out: 3.741 ± 0.051 χ^2/NDF : 32975.9/25

-0.172 ± 0.029 χ^2/NDF : 339948.6/77

Right Out: 14.880 ± 0.082 χ^2/NDF : 95527.1/12

Left In: -3.173 ± 0.045 χ^2/NDF : 28946.3/24

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -1.035 ± 0.013 $\chi^2/\text{NDF}: 57545.9/13$

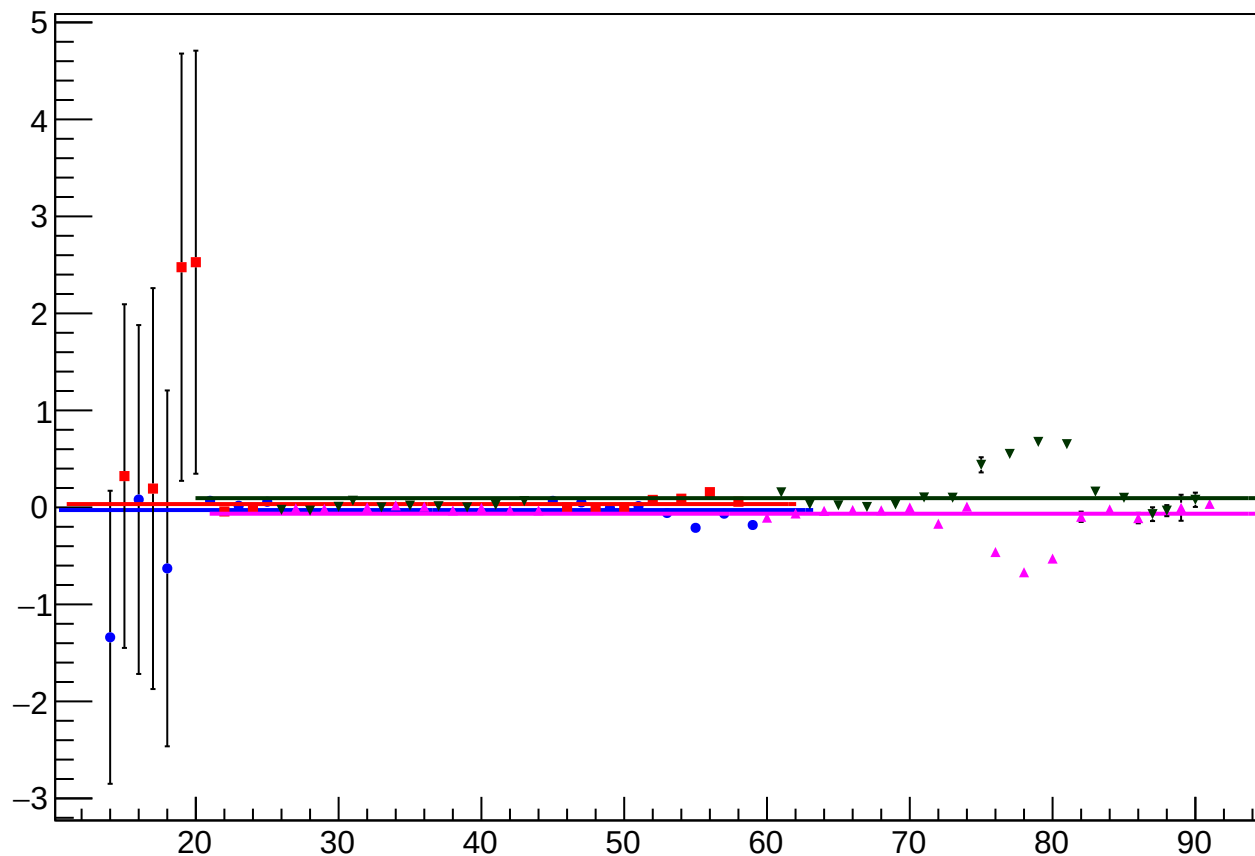
Left Out: 1.400 ± 0.009 $\chi^2/\text{NDF}: 54990.4/25$

Right Out: 1.116 ± 0.015 $\chi^2/\text{NDF}: 58216.8/12$

Left In: -1.266 ± 0.009 $\chi^2/\text{NDF}: 45974.1/24$

-0.007 ± 0.005 $\chi^2/\text{NDF}: 274562.8/77$

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.027 ± 0.005 χ^2/NDF : 252.1/13

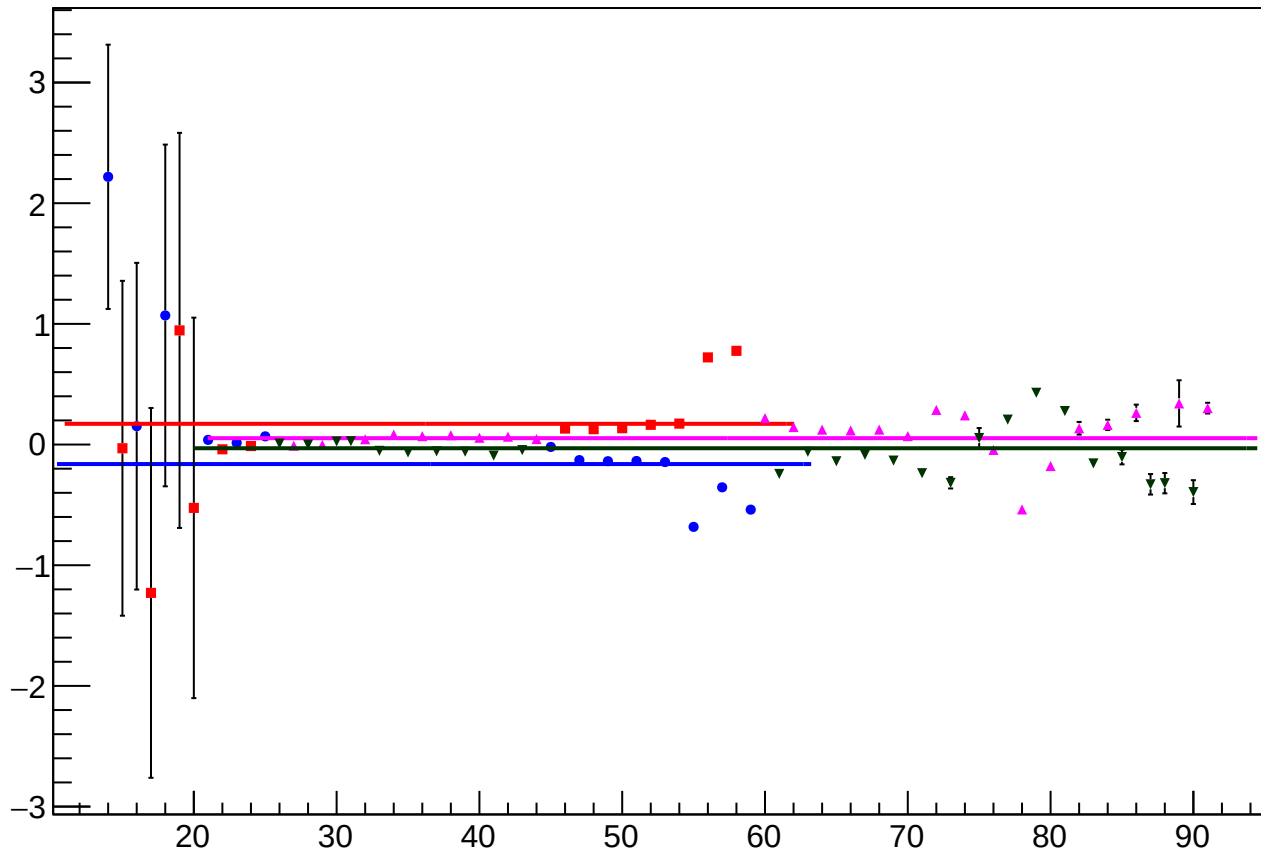
Left Out: 0.095 ± 0.004 χ^2/NDF : 2019.7/25

Right Out: 0.034 ± 0.006 χ^2/NDF : 79.2/12

Left In: -0.065 ± 0.004 χ^2/NDF : 1216.9/24

0.008 ± 0.002 χ^2/NDF : 4324.3/77

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.162 ± 0.004 $\chi^2/\text{NDF}: 1609.2/13$

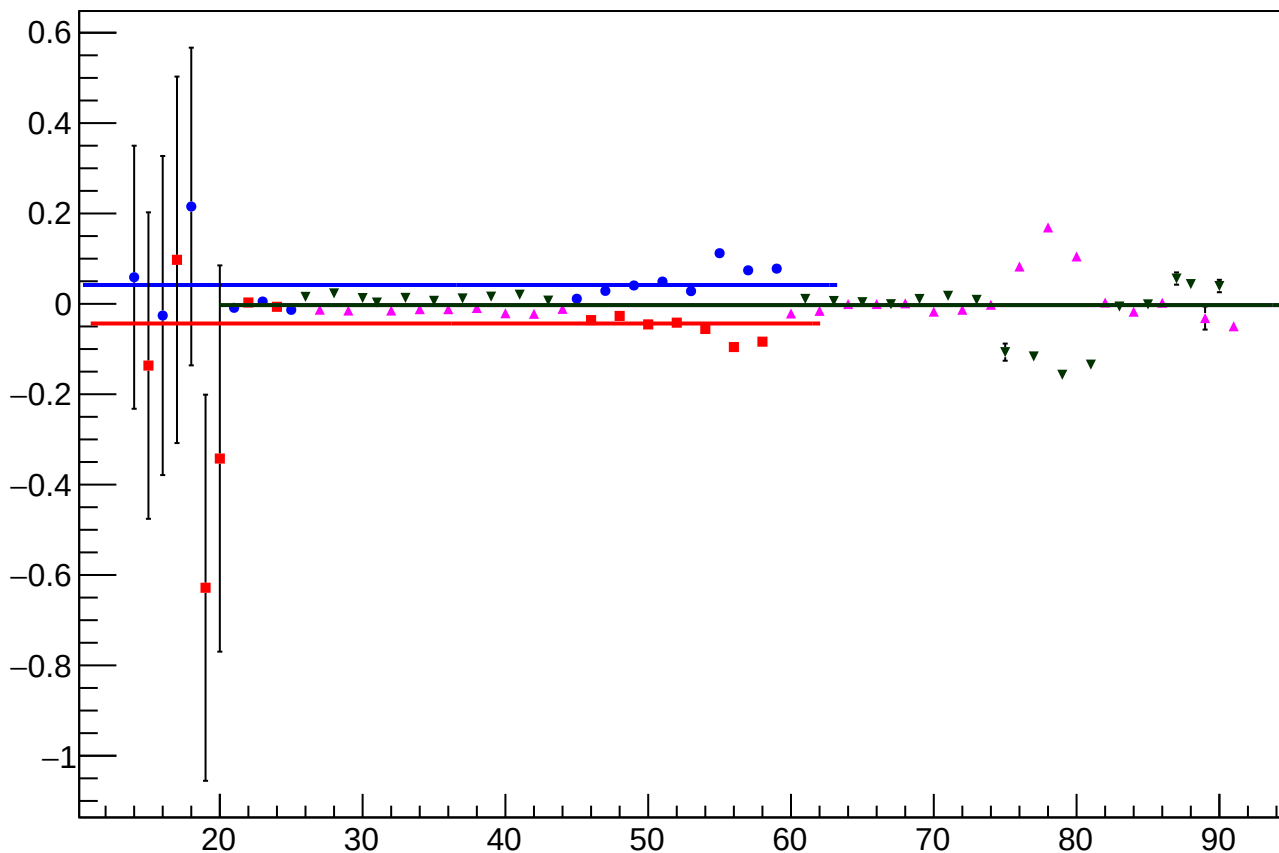
Left Out: -0.031 ± 0.004 $\chi^2/\text{NDF}: 829.6/25$

0.001 ± 0.002 $\chi^2/\text{NDF}: 7565.9/77$

Right Out: 0.172 ± 0.005 $\chi^2/\text{NDF}: 1613.1/12$

Left In: 0.053 ± 0.004 $\chi^2/\text{NDF}: 767.9/24$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.042 $\pm$ 0.001 χ^2 /NDF: 1122.2/13

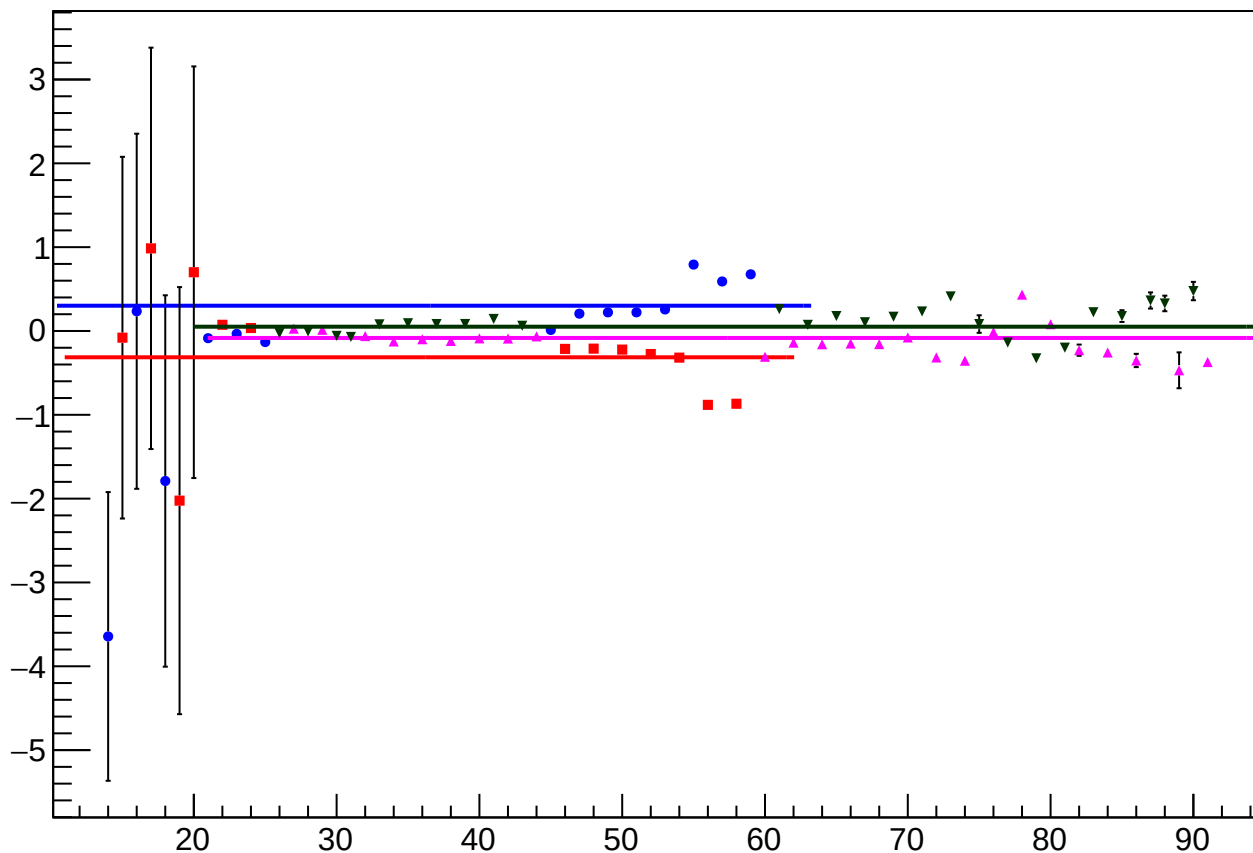
Left Out: -0.003 $\pm$ 0.001 χ^2 /NDF: 3167.3/25

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

-0.000 $\pm$ 0.000 χ^2 /NDF: 10478.0/77

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.301 $\pm$ 0.007 χ^2 /NDF: 1735.3/13

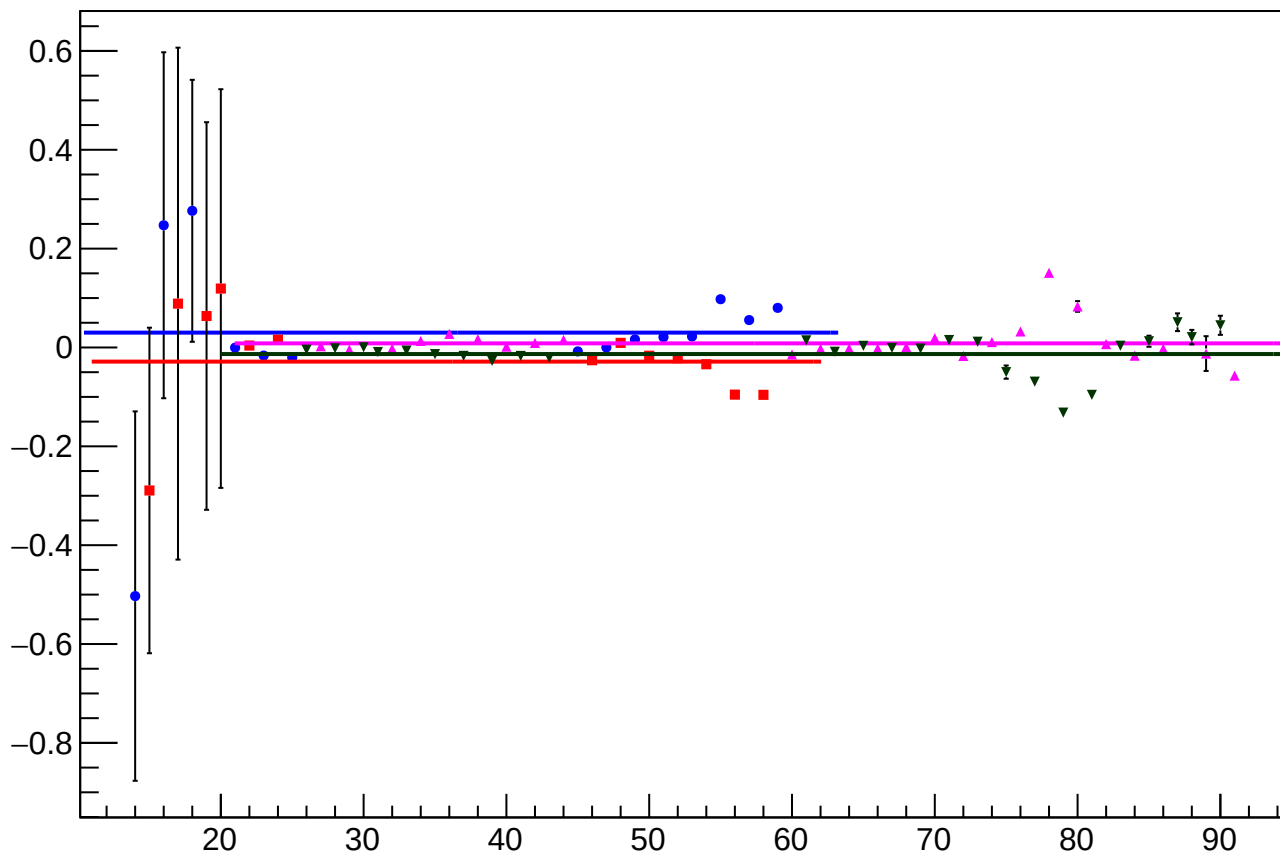
Left Out: 0.051 $\pm$ 0.006 χ^2 /NDF: 521.2/25

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

0.004 $\pm$ 0.003 χ^2 /NDF: 8217.0/77

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.030 ± 0.001 $\chi^2/\text{NDF}: 723.4/13$

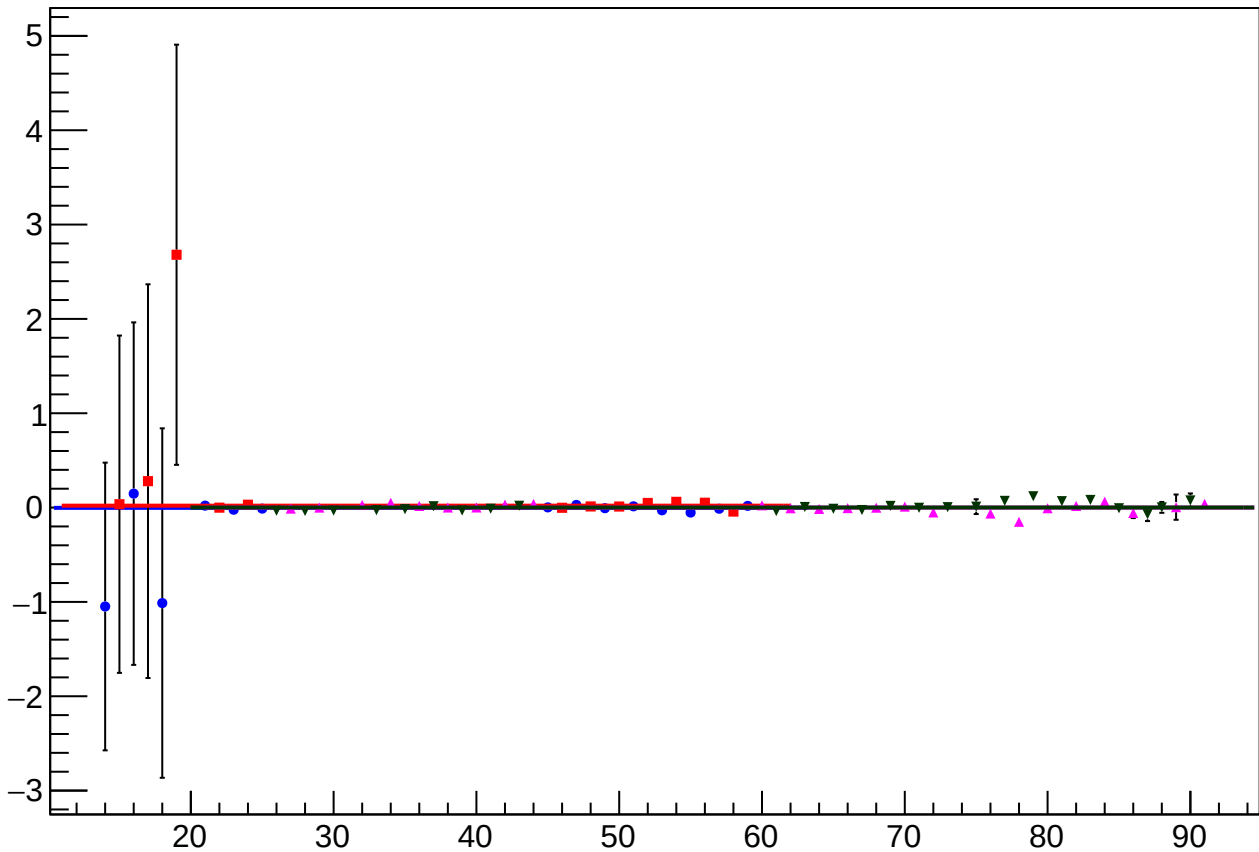
Left Out: -0.013 ± 0.001 $\chi^2/\text{NDF}: 717.2/25$

Right Out: -0.029 ± 0.001 $\chi^2/\text{NDF}: 692.2/12$

Left In: 0.008 ± 0.001 $\chi^2/\text{NDF}: 629.0/24$

-0.000 ± 0.001 $\chi^2/\text{NDF}: 3896.2/77$

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.003 ± 0.006 χ^2/NDF : 14.2/13

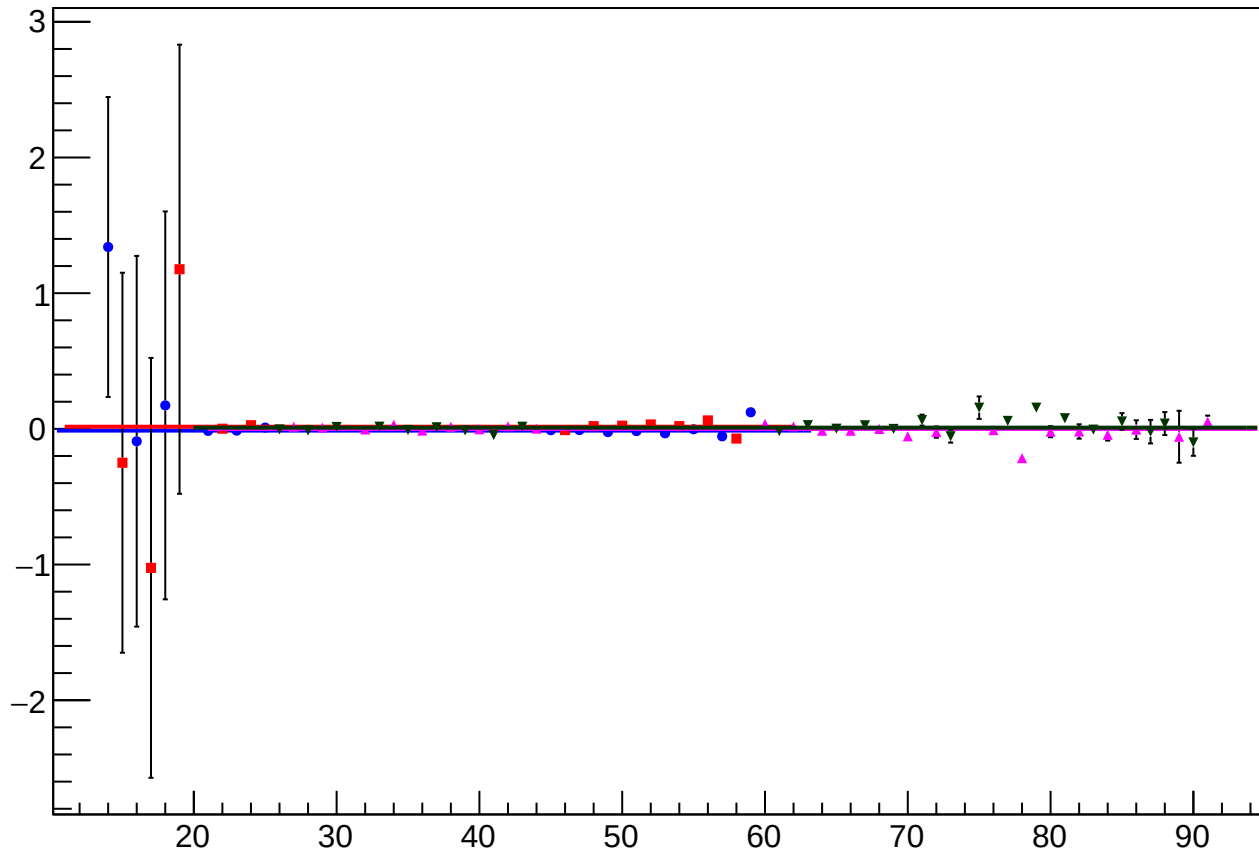
Left Out: 0.001 ± 0.005 χ^2/NDF : 81.4/24

Right Out: 0.020 ± 0.007 χ^2/NDF : 23.0/11

Left In: -0.000 ± 0.004 χ^2/NDF : 74.3/23

0.003 ± 0.003 χ^2/NDF : 201.6/74

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.005 χ^2/NDF : 64.9/13

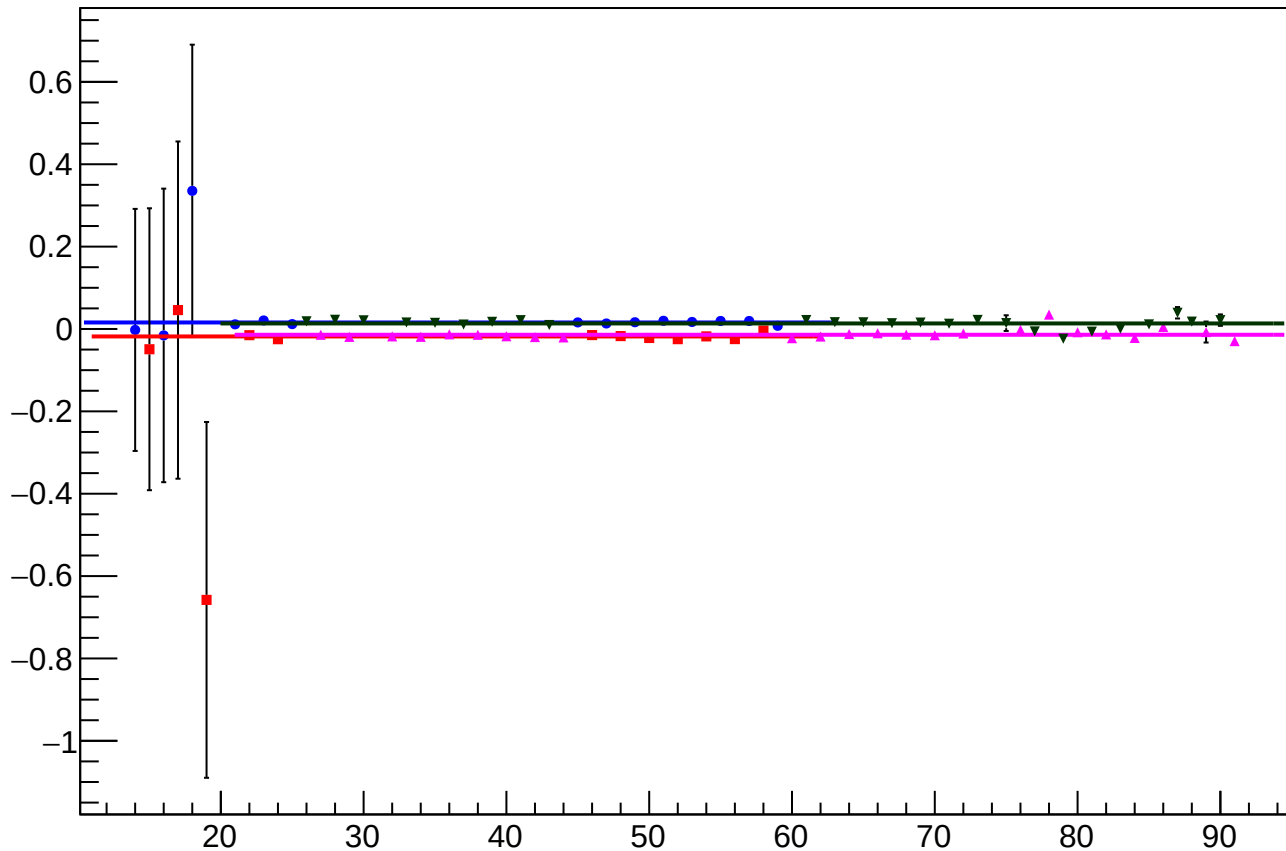
Left Out: 0.009 ± 0.004 χ^2/NDF : 71.9/24

Right Out: 0.016 ± 0.005 χ^2/NDF : 25.4/11

Left In: -0.001 ± 0.004 χ^2/NDF : 75.2/23

0.002 ± 0.002 χ^2/NDF : 258.6/74

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 $\pm$ 0.001 χ^2 /NDF: 15.9/13

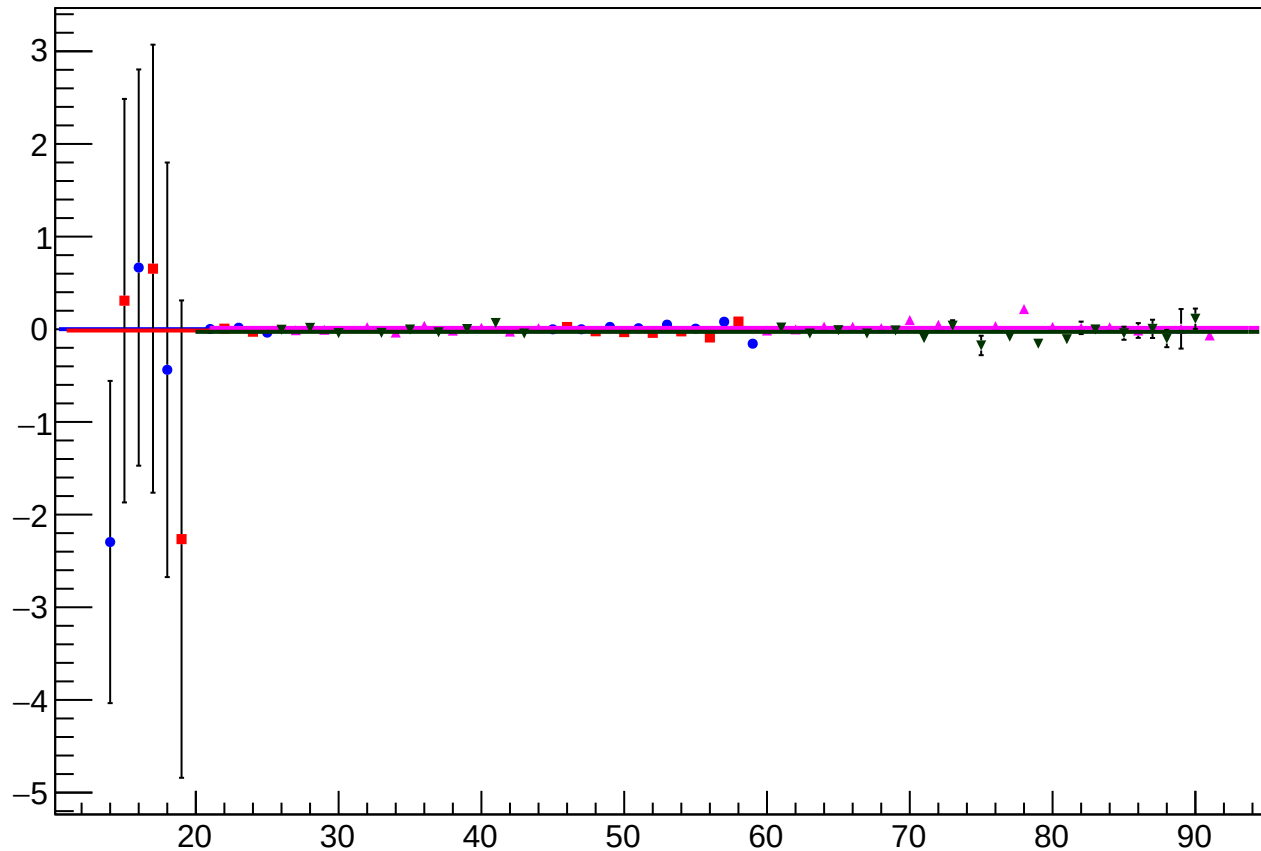
Left Out: 0.013 $\pm$ 0.001 χ^2 /NDF:151.8/24

-0.000 $\pm$ 0.000 χ^2 /NDF: 1513.8/74

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

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.001 ± 0.007 χ^2/NDF : 87.1/13

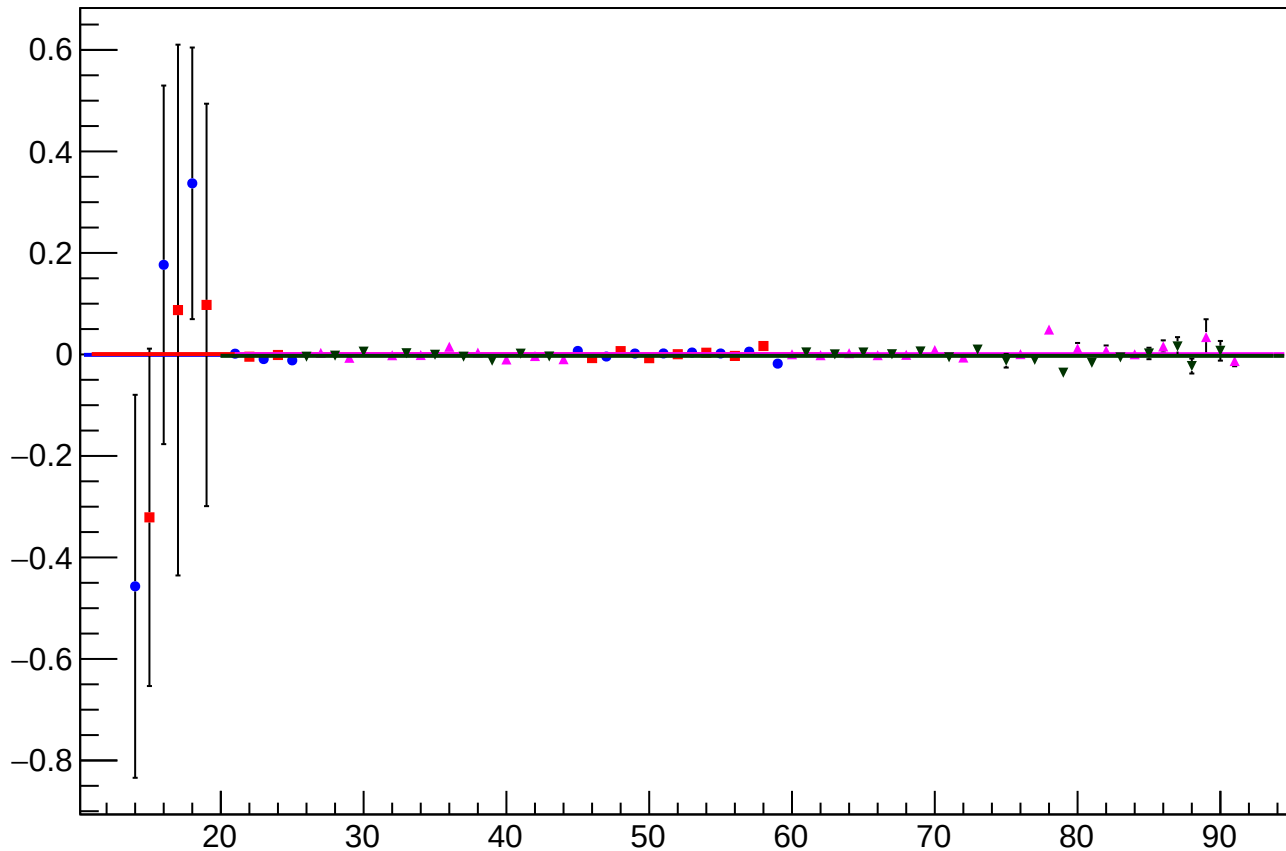
Left Out: -0.028 ± 0.006 χ^2/NDF : 57.1/24

Right Out: -0.014 ± 0.008 χ^2/NDF : 29.2/11

Left In: 0.015 ± 0.006 χ^2/NDF : 55.3/23

-0.005 ± 0.003 χ^2/NDF : 255.1/74

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001 ± 0.001 χ^2/NDF : 36.9/13

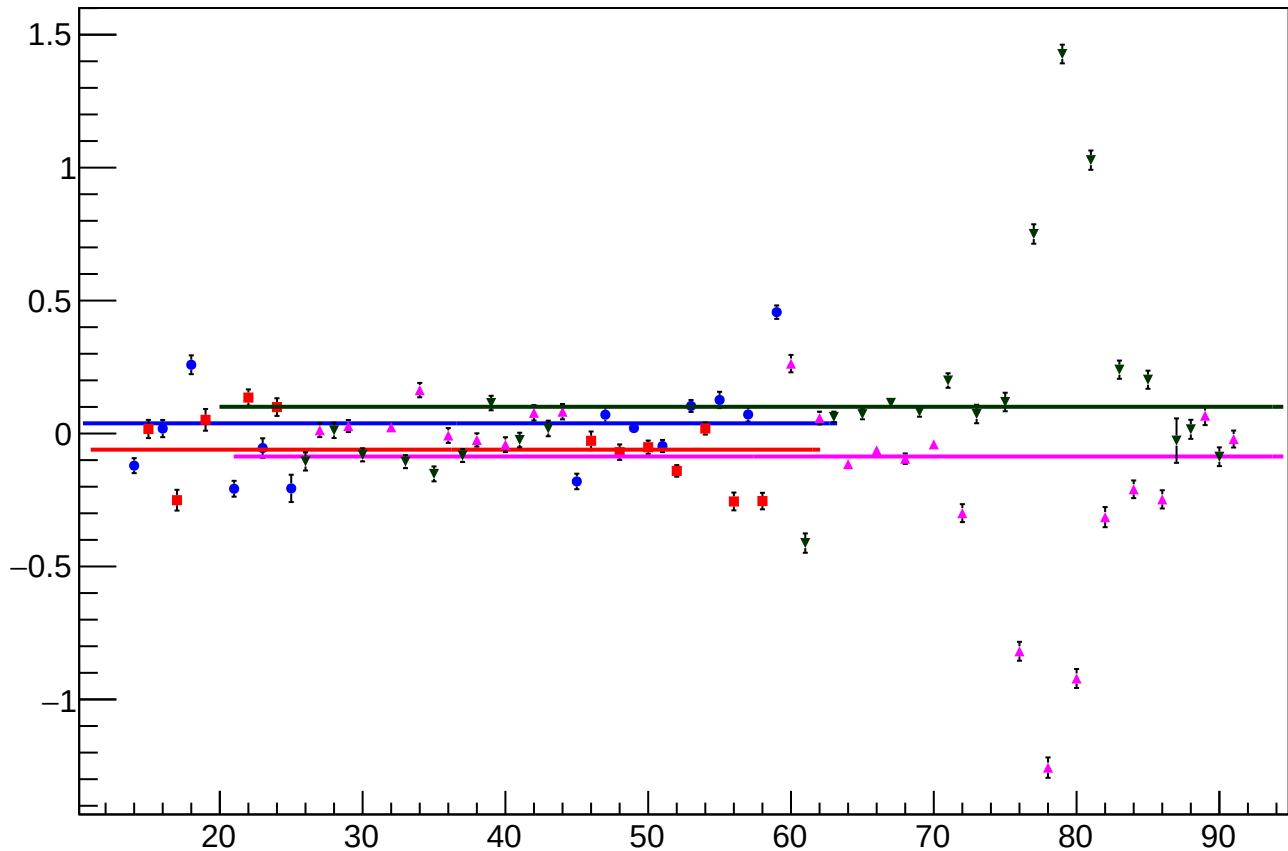
Left Out: -0.003 ± 0.001 χ^2/NDF : 52.4/24

Right Out: 0.001 ± 0.001 χ^2/NDF : 25.5/11

Left In: 0.001 ± 0.001 χ^2/NDF : 81.2/23

-0.001 ± 0.001 χ^2/NDF : 201.6/74

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.038 ± 0.007 $\chi^2/\text{NDF}: 531.2/13$

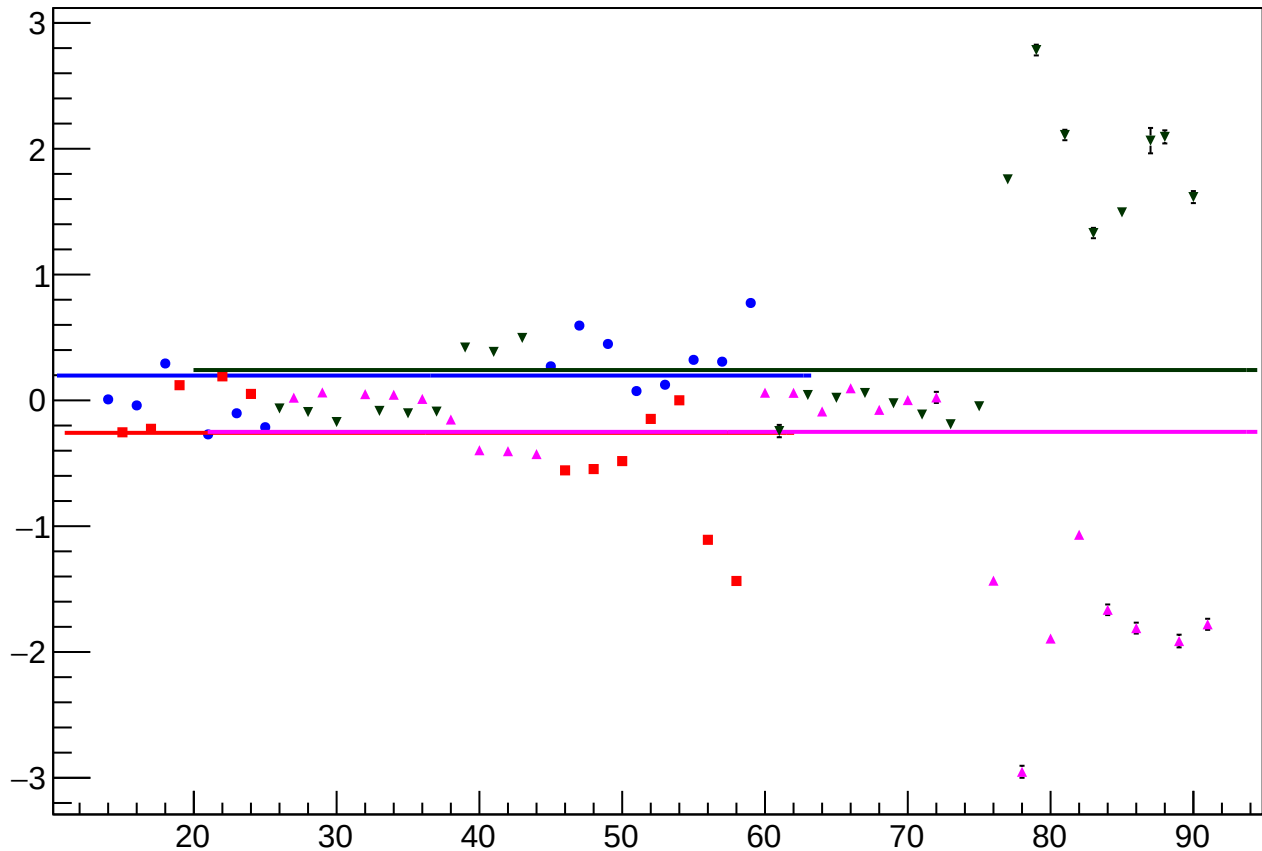
Left Out: 0.101 ± 0.006 $\chi^2/\text{NDF}: 3008.6/24$

0.000 ± 0.003 $\chi^2/\text{NDF}: 6867.3/74$

Right Out: -0.061 ± 0.009 $\chi^2/\text{NDF}: 199.4/11$

Left In: -0.086 ± 0.005 $\chi^2/\text{NDF}: 2452.7/23$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.197 ± 0.006 χ^2/NDF : 1851.5/13

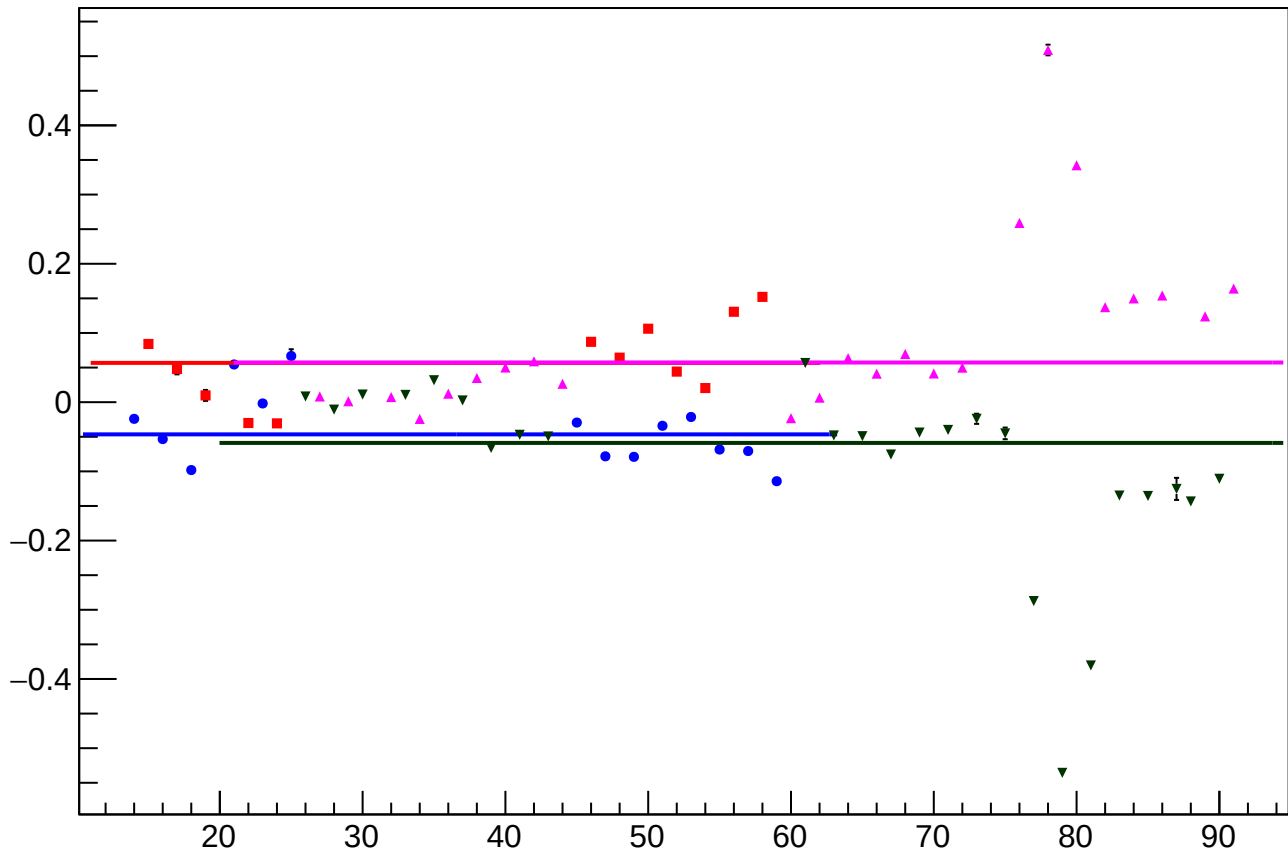
Left Out: 0.241 ± 0.005 χ^2/NDF : 13899.3/24

Right Out: -0.258 ± 0.007 χ^2/NDF : 3171.2/11

Left In: -0.250 ± 0.005 χ^2/NDF : 13794.4/23

-0.016 ± 0.003 χ^2/NDF : 40076.3/74

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.047 ± 0.001 χ^2/NDF : 1071.0/13

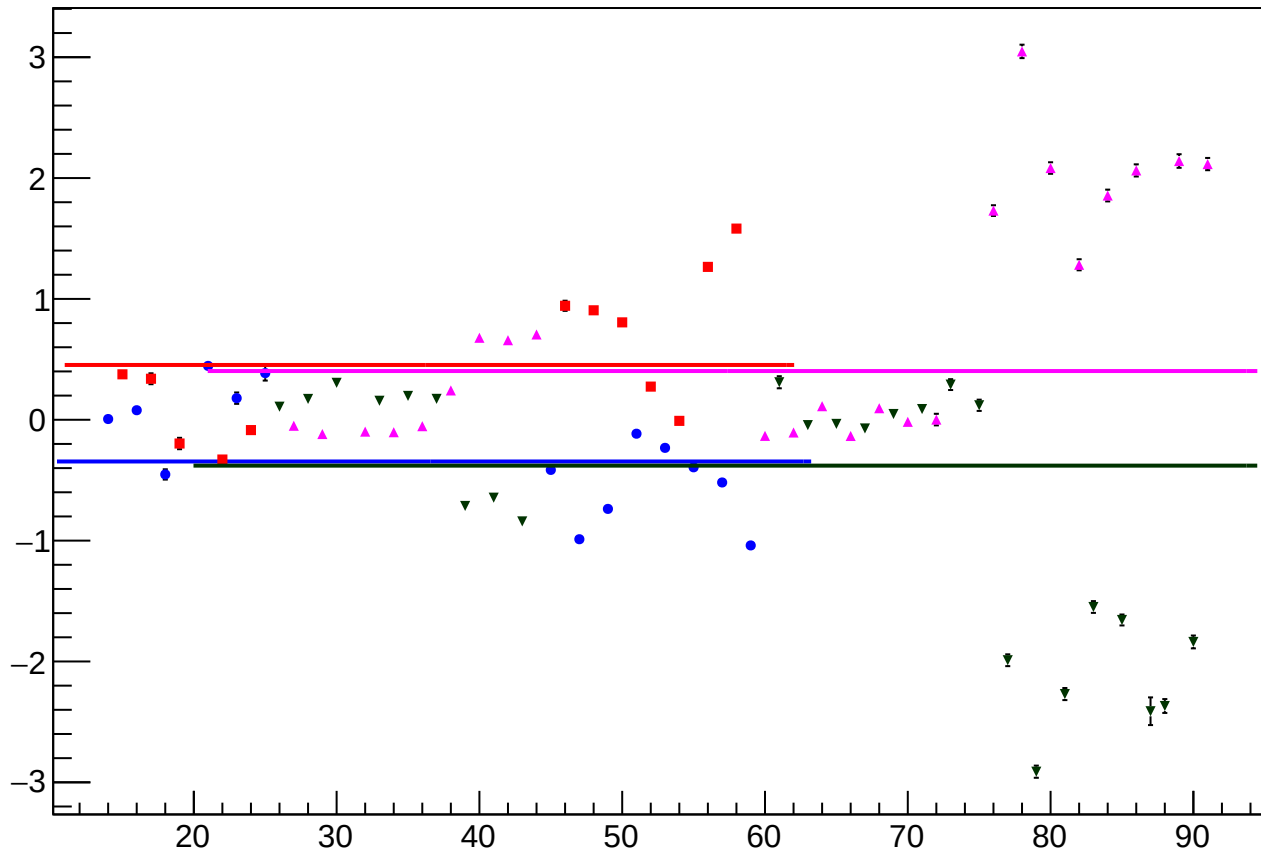
Left Out: -0.059 ± 0.001 χ^2/NDF : 10124.6/24

Right Out: 0.057 ± 0.002 χ^2/NDF : 1247.5/11

Left In: 0.057 ± 0.001 χ^2/NDF : 8770.6/23

0.002 ± 0.001 χ^2/NDF : 31678.5/74

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.345 ± 0.009 χ^2/NDF : 2106.4/13

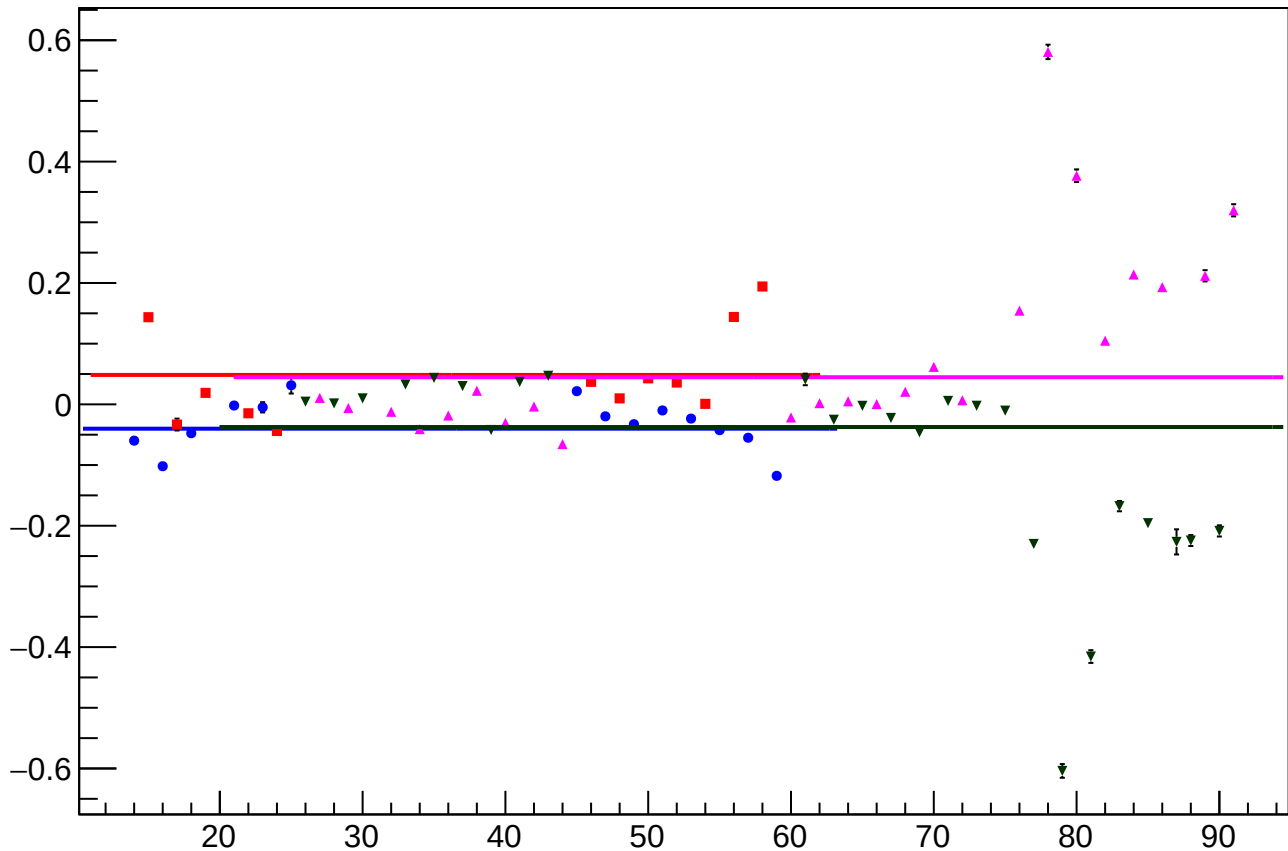
Left Out: -0.380 ± 0.008 χ^2/NDF : 11899.2/24

Right Out: 0.453 ± 0.010 χ^2/NDF : 2959.3/11

Left In: 0.403 ± 0.007 χ^2/NDF : 11686.7/23

0.023 ± 0.004 χ^2/NDF : 37529.4/74

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.040 $\pm$ 0.002 χ^2 /NDF: 497.4/13

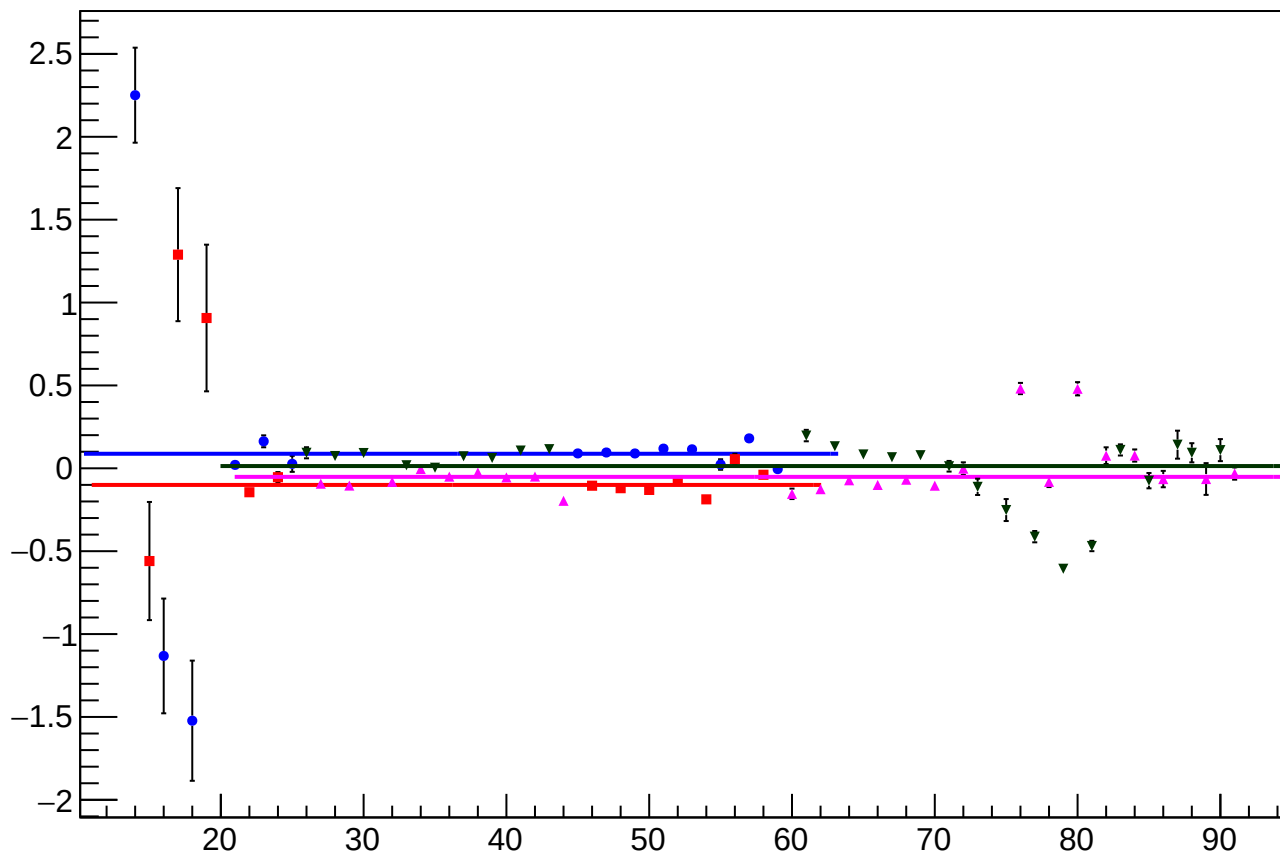
Left Out: -0.037 $\pm$ 0.001 χ^2 /NDF: 7100.9/24

Right Out: 0.048 $\pm$ 0.002 χ^2 /NDF: 1374.4/11

Left In: 0.045 $\pm$ 0.001 χ^2 /NDF: 6620.1/23

0.001 $\pm$ 0.001 χ^2 /NDF: 18669.5/74

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.088 $\pm$ 0.007 χ^2 /NDF: 134.9/13

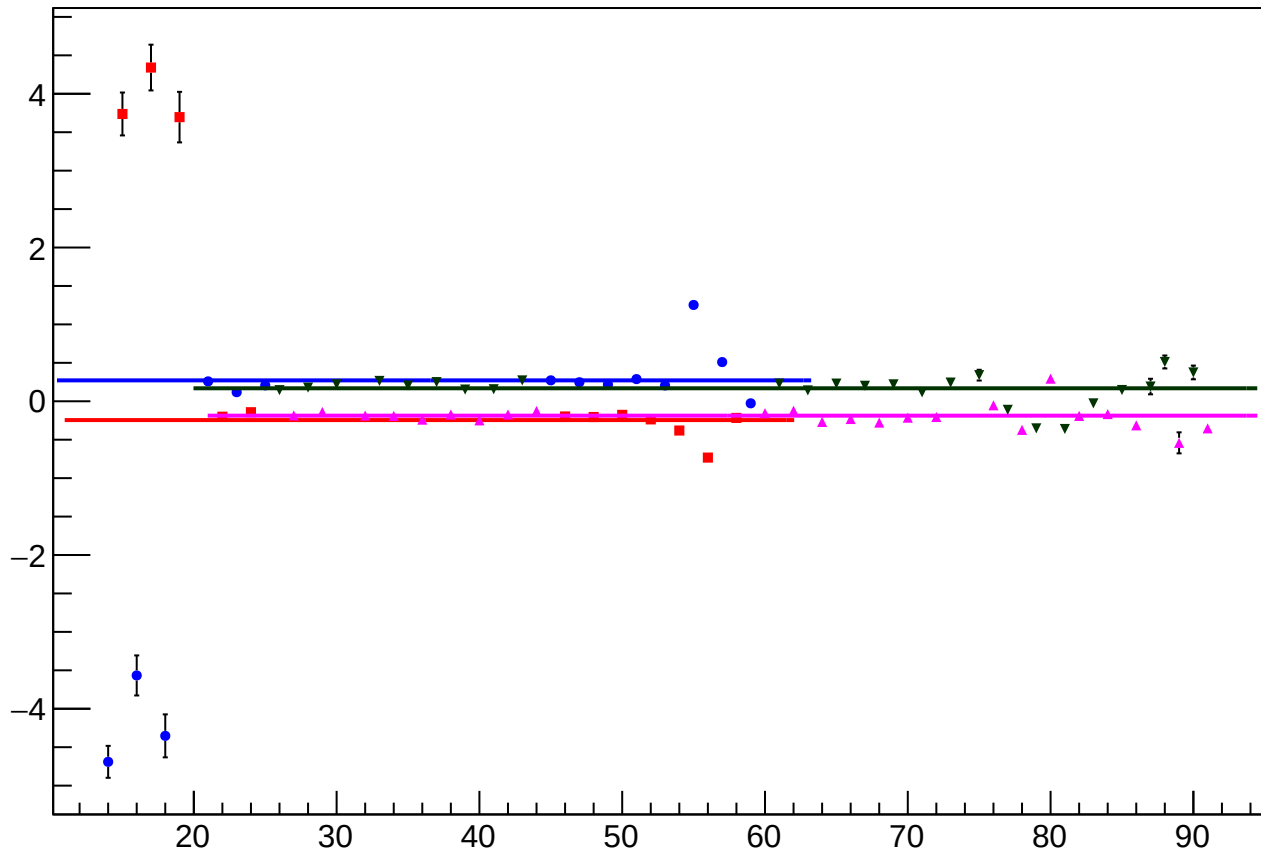
Left Out: 0.014 $\pm$ 0.006 χ^2 /NDF:1022.7/24

Right Out: -0.100 $\pm$ 0.009 χ^2 /NDF: 67.3/11

Left In: -0.052 $\pm$ 0.006 χ^2 /NDF:527.2/23

-0.011 $\pm$ 0.003 χ^2 /NDF: 2101.8/74

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272 ± 0.006 χ^2/NDF : 2299.7/13

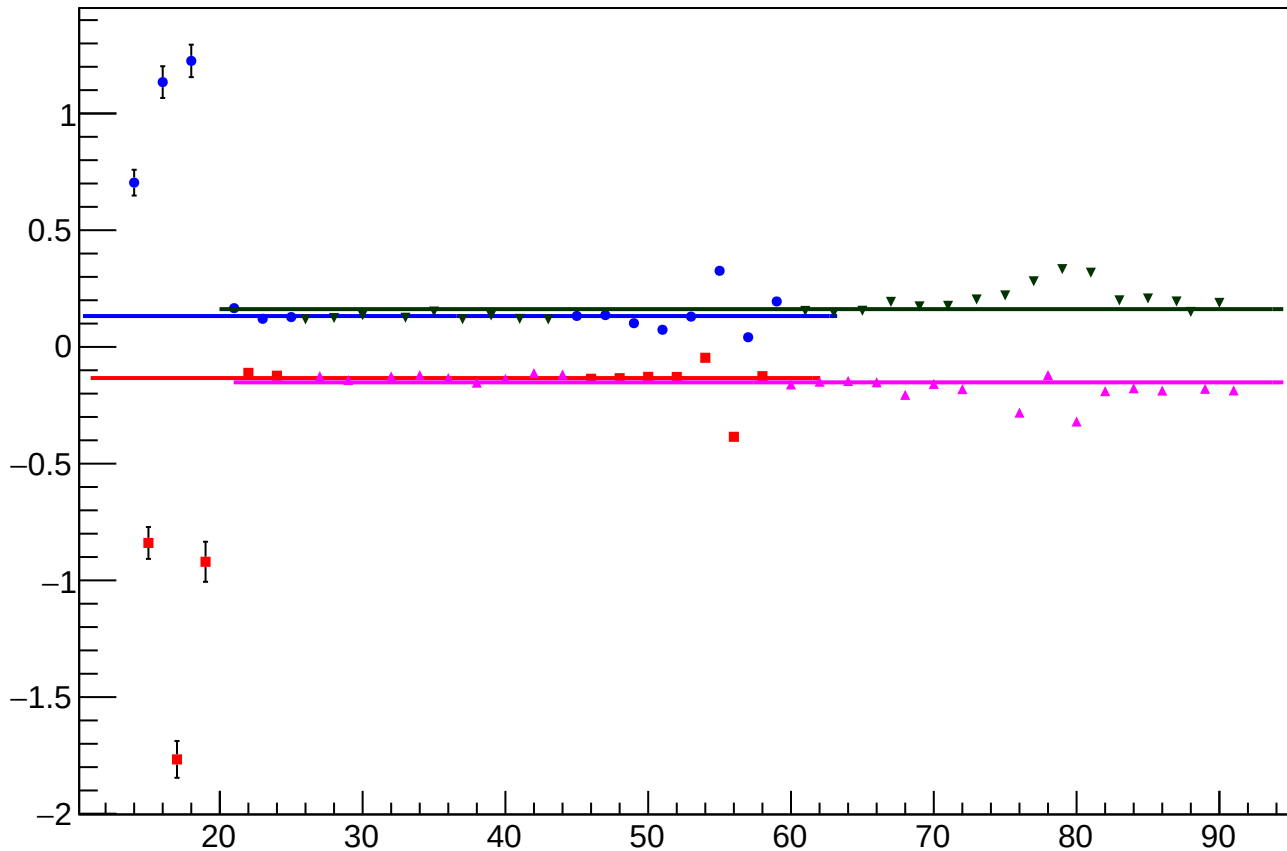
Left Out: 0.169 ± 0.005 χ^2/NDF : 635.7/24

Right Out: -0.245 ± 0.007 χ^2/NDF : 896.2/11

Left In: -0.187 ± 0.005 χ^2/NDF : 248.2/23

0.005 ± 0.003 χ^2/NDF : 9775.8/74

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.132 ± 0.001 χ^2/NDF : 2783.1/13

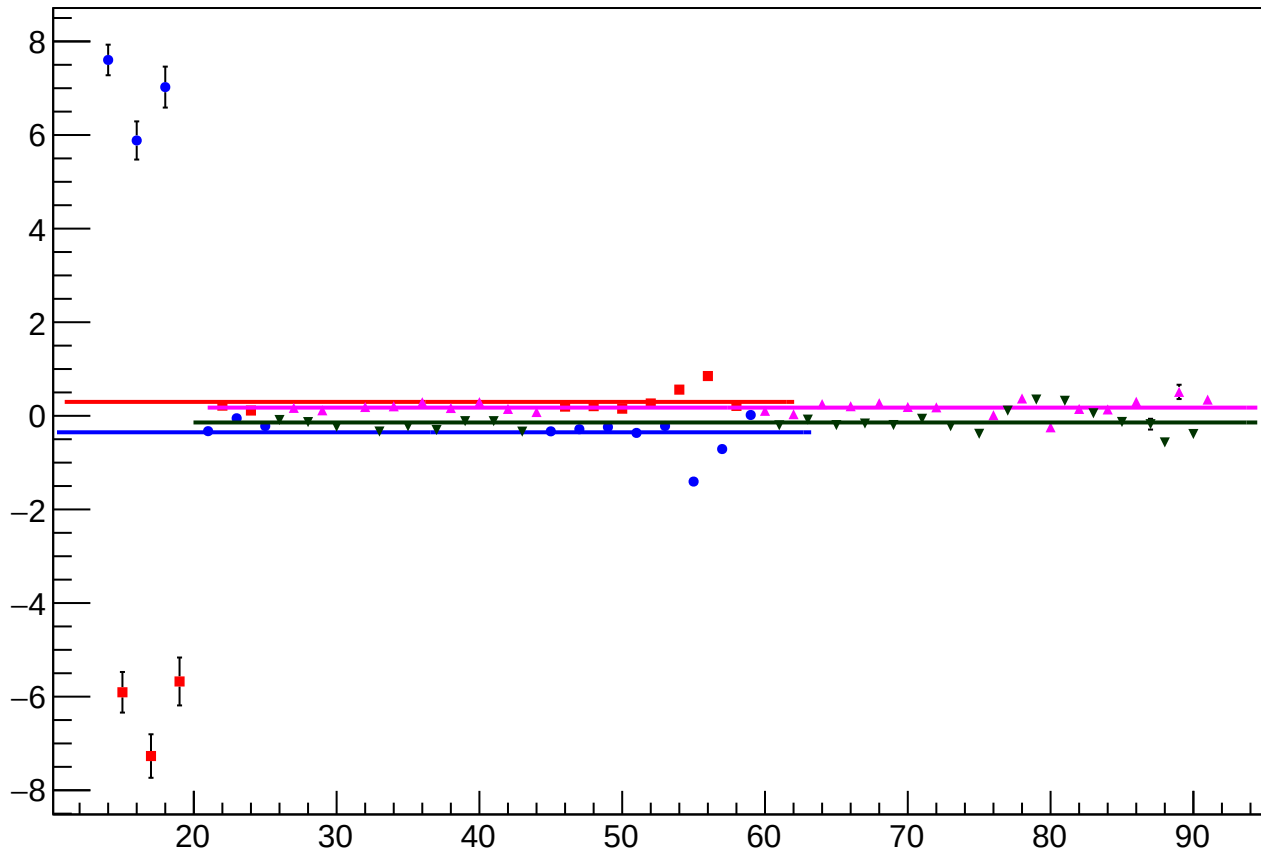
Left Out: 0.162 ± 0.001 χ^2/NDF : 2672.8/24

0.003 ± 0.001 χ^2/NDF : 79184.1/74

Right Out: -0.133 ± 0.002 χ^2/NDF : 3108.1/11

Left In: -0.152 ± 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

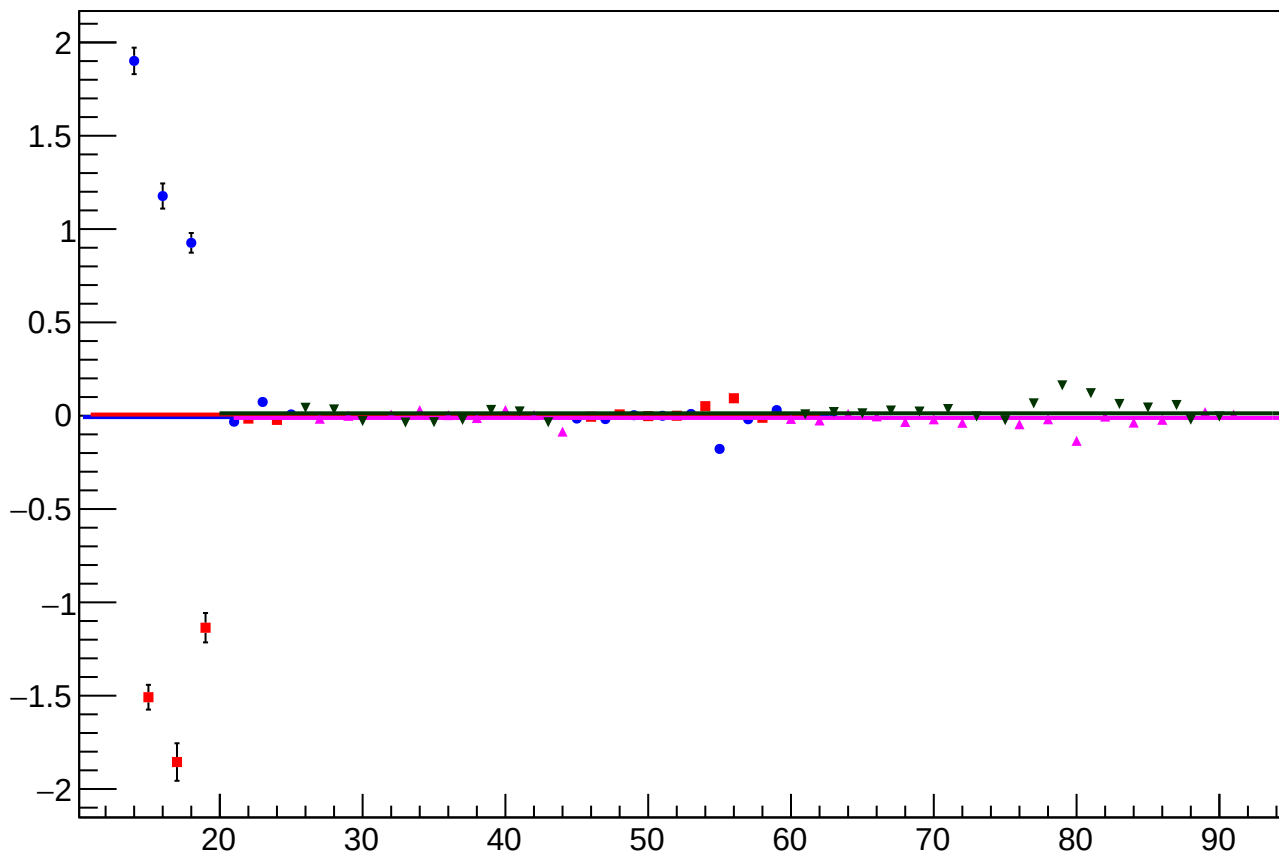
Left Out: -0.142 ± 0.008 χ^2/NDF : 456.4/24

-0.011 ± 0.004 χ^2/NDF : 7184.0/74

Right Out: 0.298 ± 0.011 χ^2/NDF : 999.4/11

Left In: 0.176 ± 0.008 χ^2/NDF : 184.3/23

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 2206.0/13$

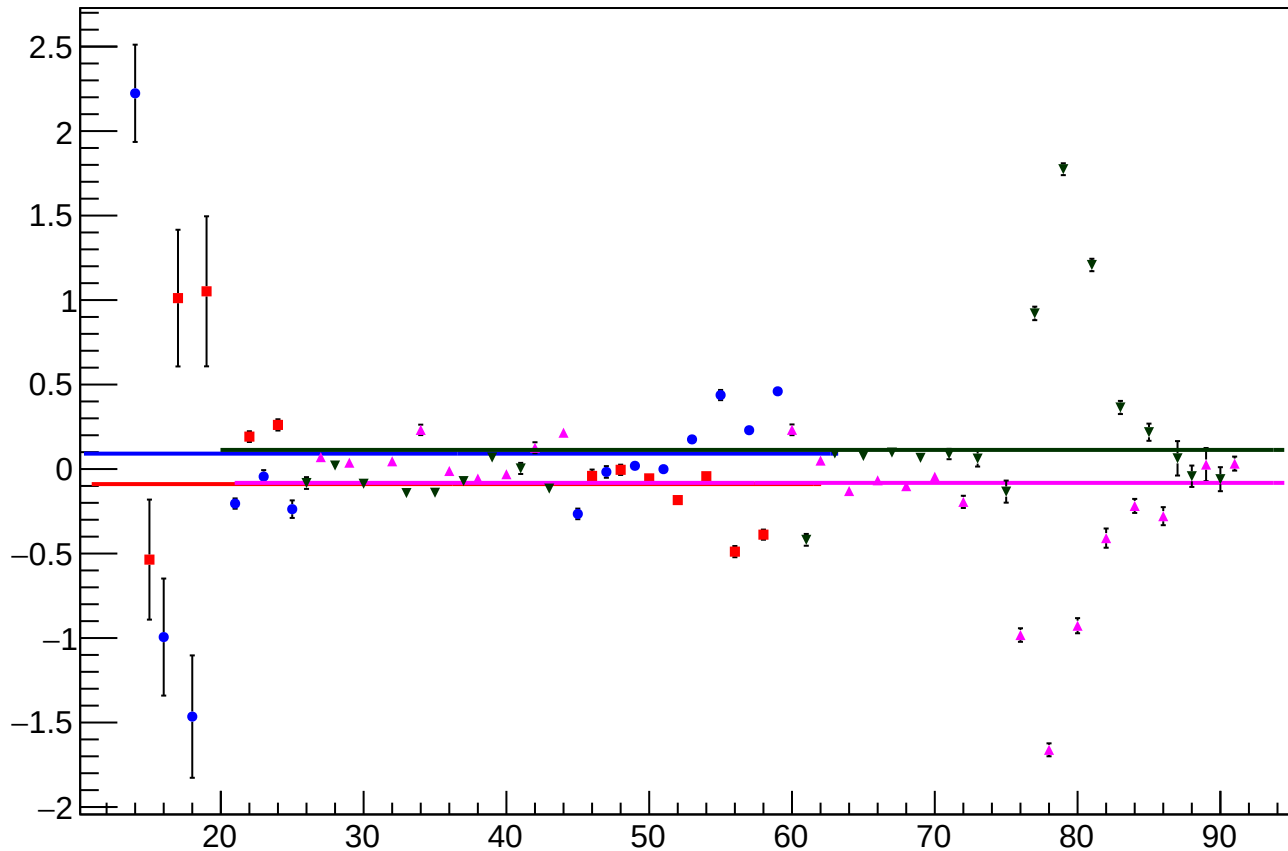
Left Out: 0.013 ± 0.001 $\chi^2/\text{NDF}: 895.6/24$

Right Out: 0.006 ± 0.002 $\chi^2/\text{NDF}: 1335.4/11$

Left In: -0.012 ± 0.001 $\chi^2/\text{NDF}: 480.9/23$

-0.000 ± 0.001 $\chi^2/\text{NDF}: 5092.1/74$

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.091 ± 0.008 χ^2/NDF : 808.6/13

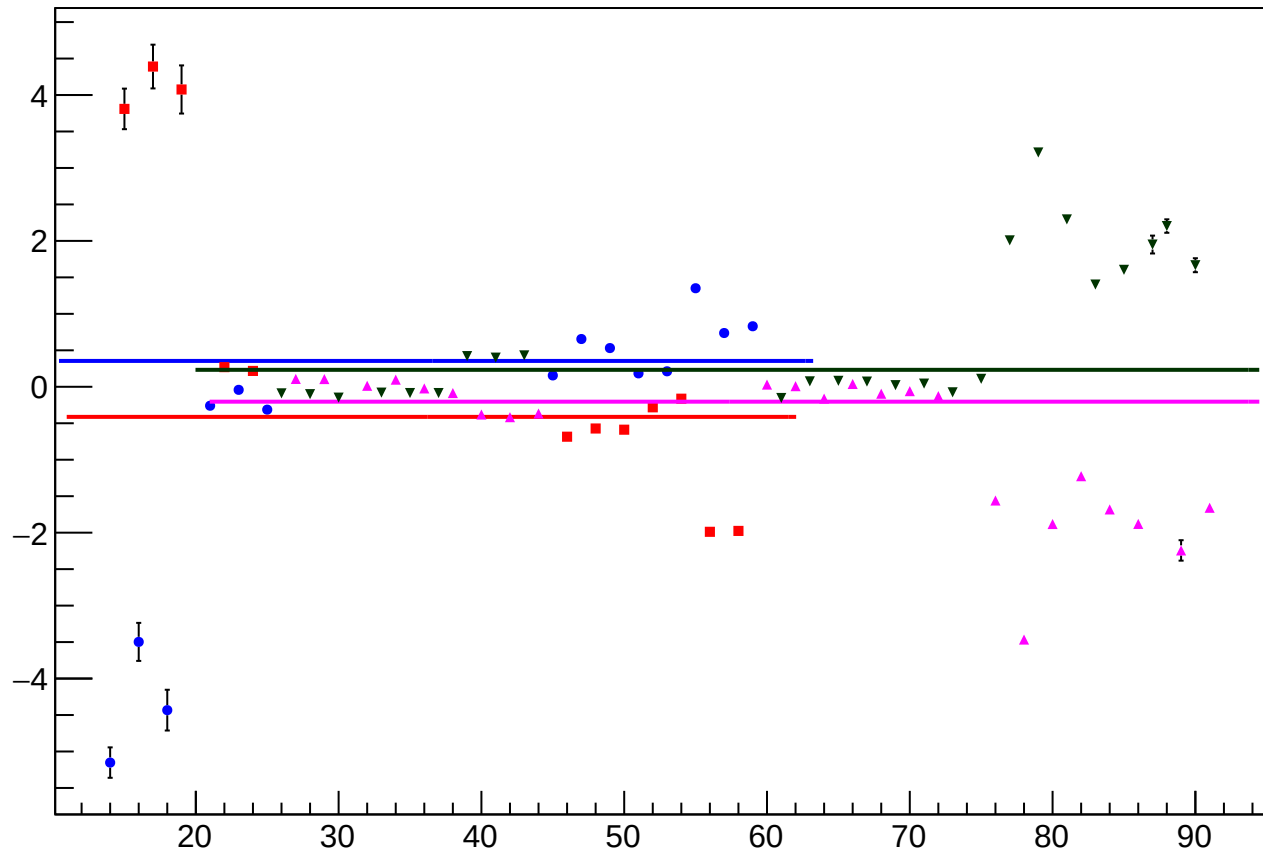
Left Out: 0.113 ± 0.006 χ^2/NDF : 4245.8/24

Right Out: -0.089 ± 0.010 χ^2/NDF : 481.7/11

Left In: -0.082 ± 0.006 χ^2/NDF : 3133.1/23

0.012 ± 0.003 χ^2/NDF : 9420.2/74

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.355 ± 0.007 $\chi^2/\text{NDF}: 4489.7/13$

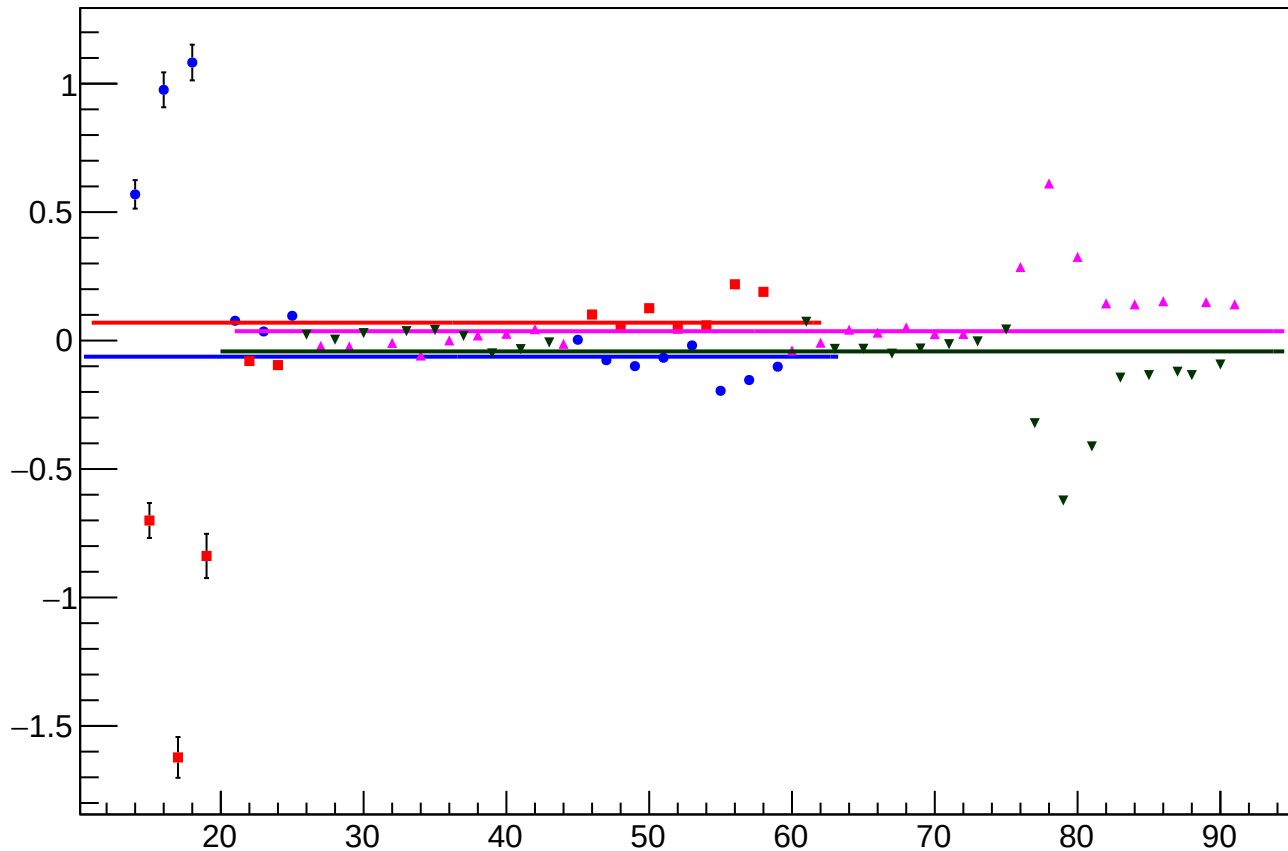
Left Out: 0.232 ± 0.006 $\chi^2/\text{NDF}: 12978.3/24$

0.004 ± 0.003 $\chi^2/\text{NDF}: 44777.4/74$

Right Out: -0.413 ± 0.007 $\chi^2/\text{NDF}: 6818.0/11$

Left In: -0.204 ± 0.005 $\chi^2/\text{NDF}: 11305.7/23$

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.063 ± 0.001 χ^2/NDF : 3311.7/13

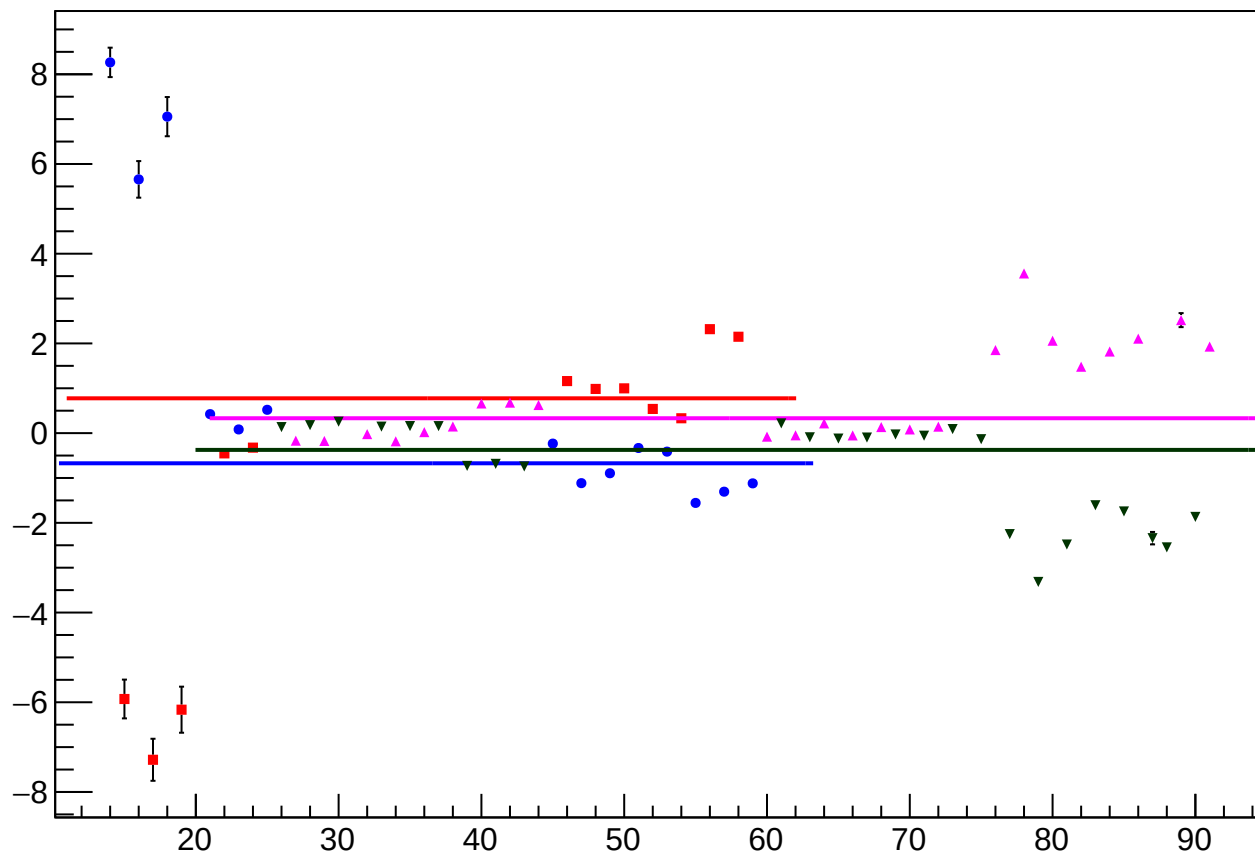
Left Out: -0.042 ± 0.001 χ^2/NDF : 12985.8/24

Right Out: 0.070 ± 0.002 χ^2/NDF : 3532.0/11

Left In: 0.036 ± 0.001 χ^2/NDF : 9998.5/23

-0.002 ± 0.001 χ^2/NDF : 36519.8/74

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.672 ± 0.010 χ^2/NDF : 4692.3/13

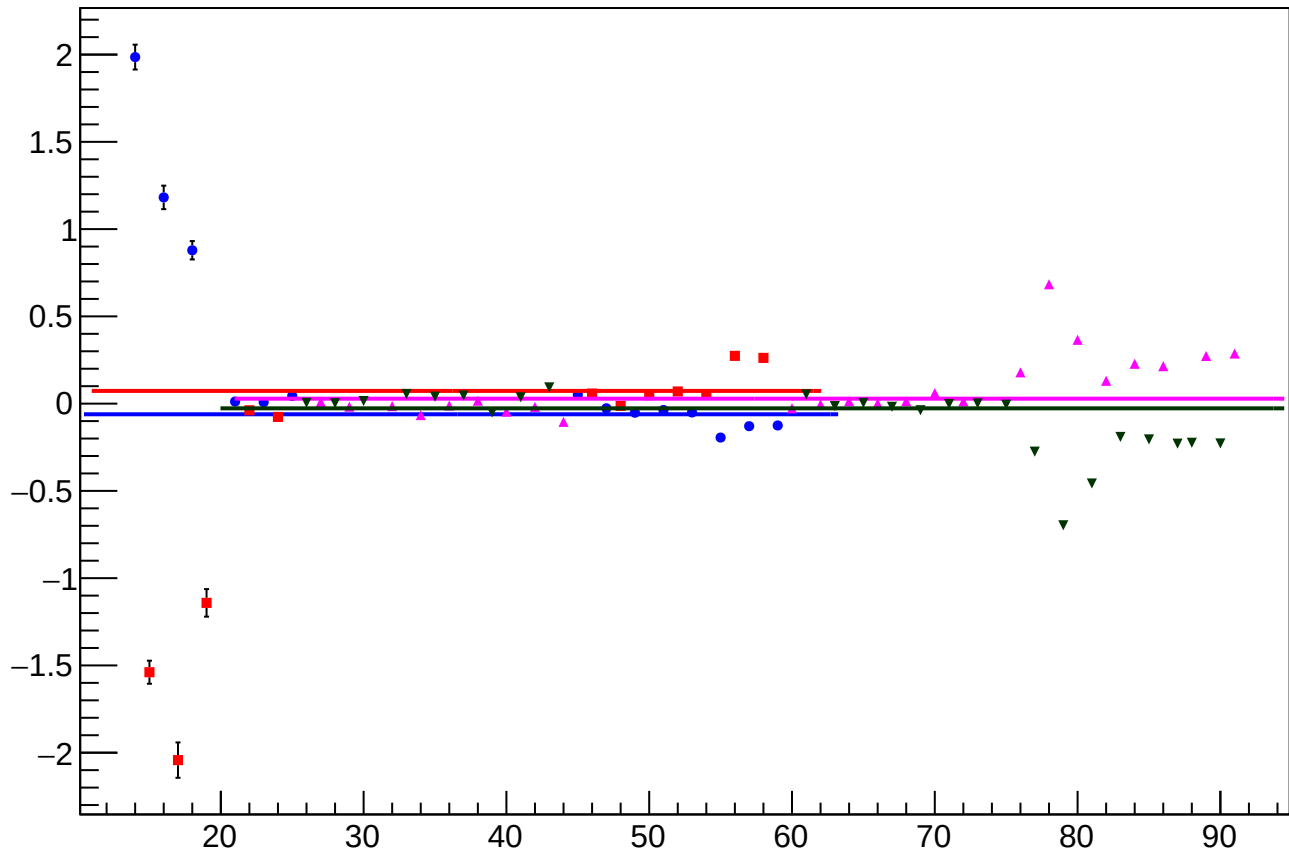
Left Out: -0.374 ± 0.008 χ^2/NDF : 10451.2/24

Right Out: 0.776 ± 0.011 χ^2/NDF : 6073.4/11

Left In: 0.332 ± 0.008 χ^2/NDF : 9138.3/23

-0.015 ± 0.005 χ^2/NDF : 43201.0/74

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.061 ± 0.002 $\chi^2/\text{NDF}: 2677.1/13$

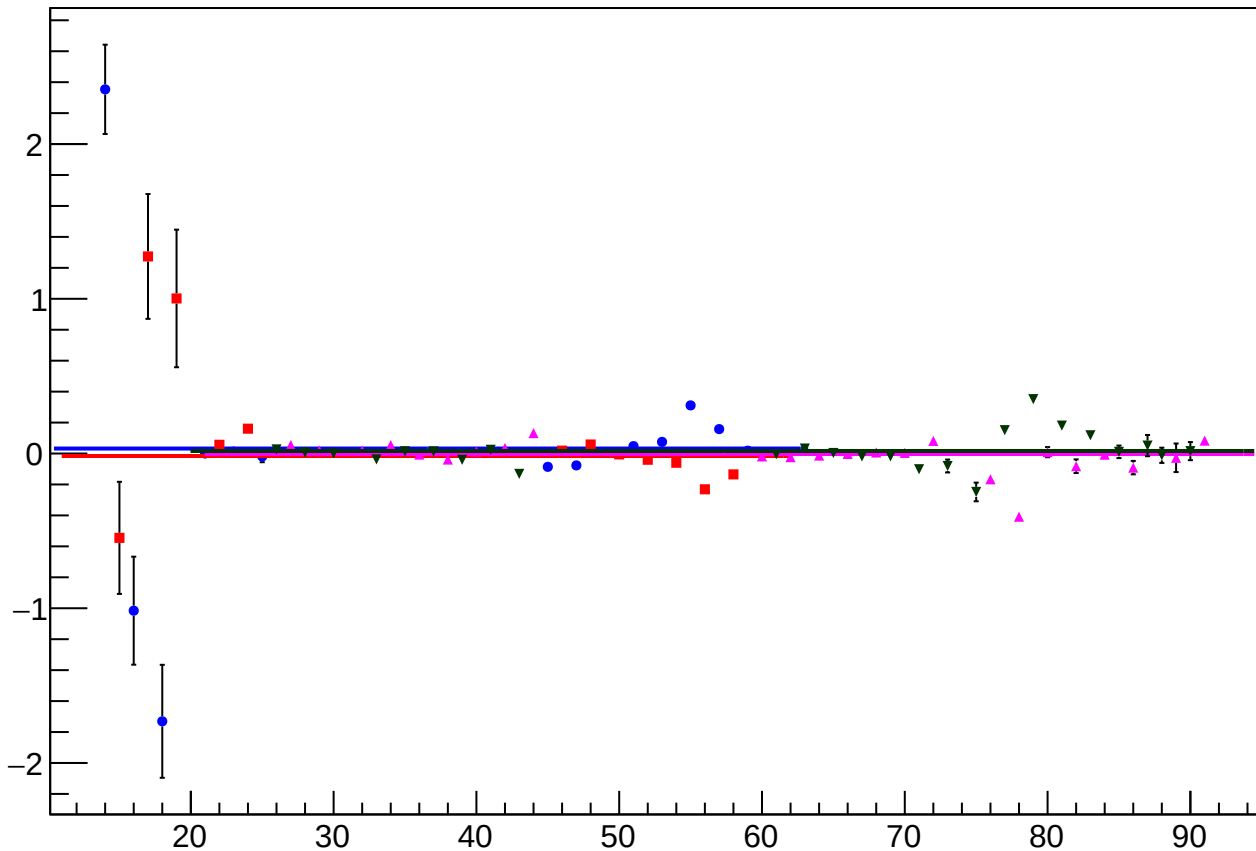
Left Out: -0.027 ± 0.001 $\chi^2/\text{NDF}: 7866.8/24$

Right Out: 0.073 ± 0.002 $\chi^2/\text{NDF}: 3862.5/11$

Left In: 0.028 ± 0.002 $\chi^2/\text{NDF}: 6309.3/23$

-0.000 ± 0.001 $\chi^2/\text{NDF}: 23567.8/74$

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.032 ± 0.006 χ^2/NDF : 339.4/13

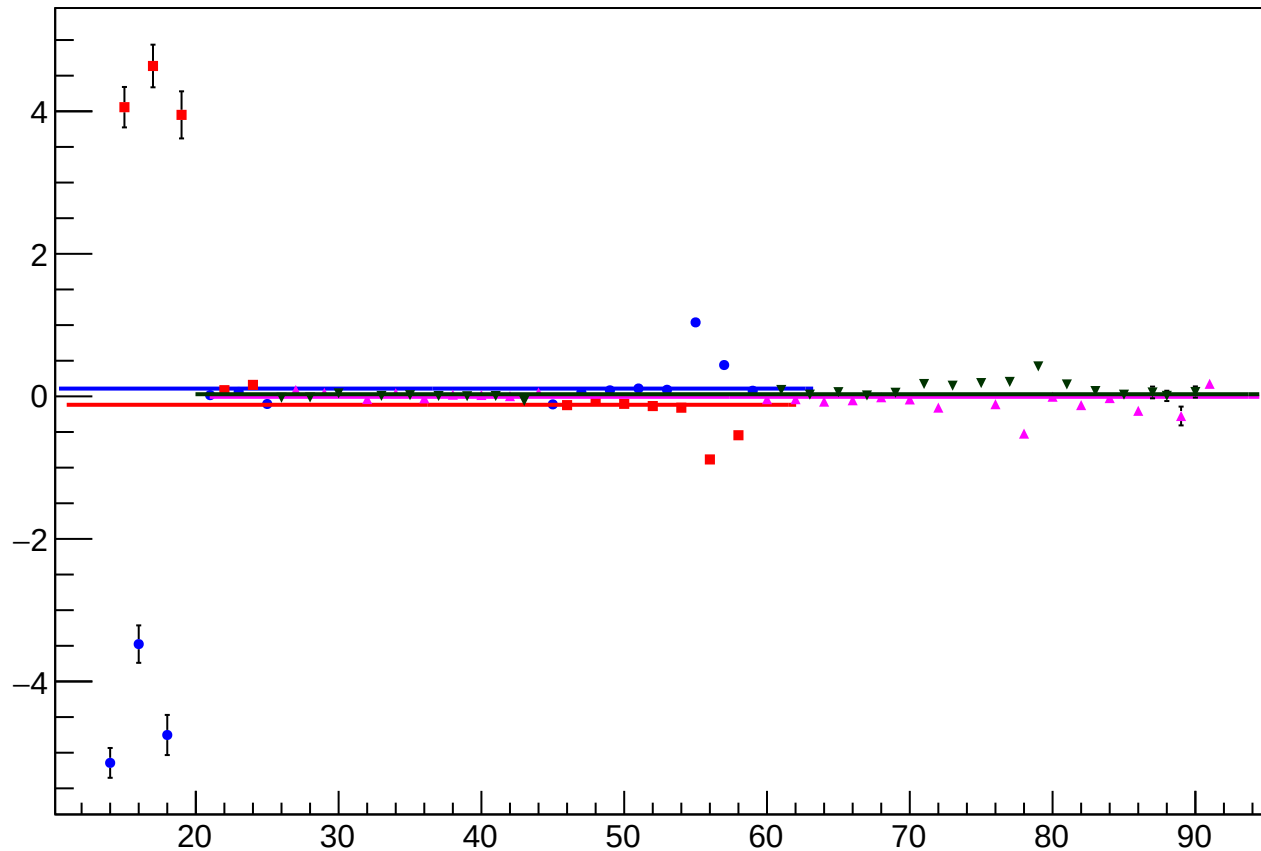
Left Out: 0.016 ± 0.005 χ^2/NDF : 454.3/24

Right Out: -0.016 ± 0.007 χ^2/NDF : 199.3/11

Left In: -0.003 ± 0.004 χ^2/NDF : 430.0/23

0.008 ± 0.003 χ^2/NDF : 1460.9/74

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.109 ± 0.005 χ^2/NDF : 3234.6/13

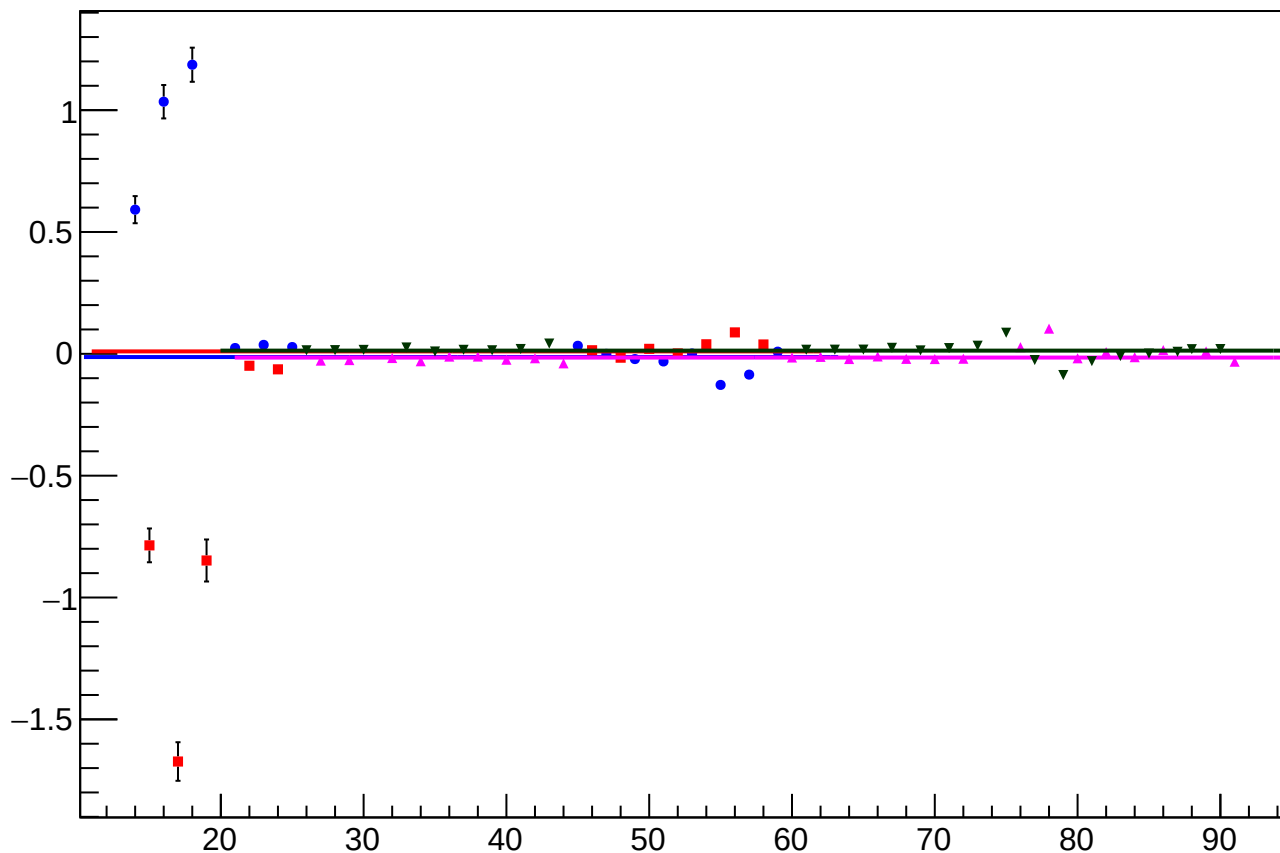
Left Out: 0.030 ± 0.004 χ^2/NDF : 380.3/24

Right Out: -0.118 ± 0.005 χ^2/NDF : 2057.5/11

Left In: -0.007 ± 0.004 χ^2/NDF : 511.5/23

0.010 ± 0.002 χ^2/NDF : 7210.3/74

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.013 $\pm$ 0.001 χ^2/NDF : 2323.5/13

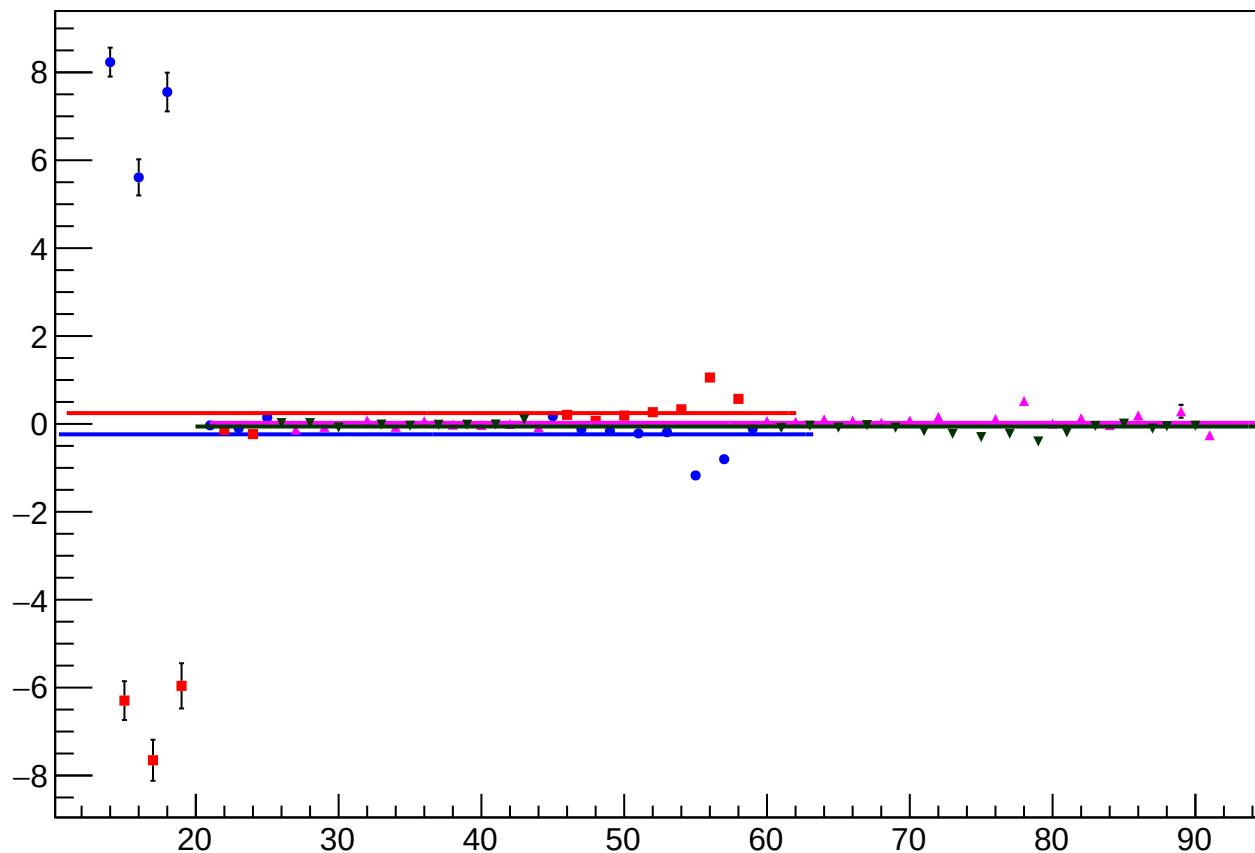
Left Out: 0.013 $\pm$ 0.001 χ^2/NDF : 839.8/24

Right Out: 0.010 $\pm$ 0.001 χ^2/NDF : 1661.8/11

Left In: -0.015 $\pm$ 0.001 χ^2/NDF : 848.6/23

-0.002 $\pm$ 0.000 χ^2/NDF : 6560.4/74

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.237 ± 0.007 χ^2/NDF : 3507.7/13

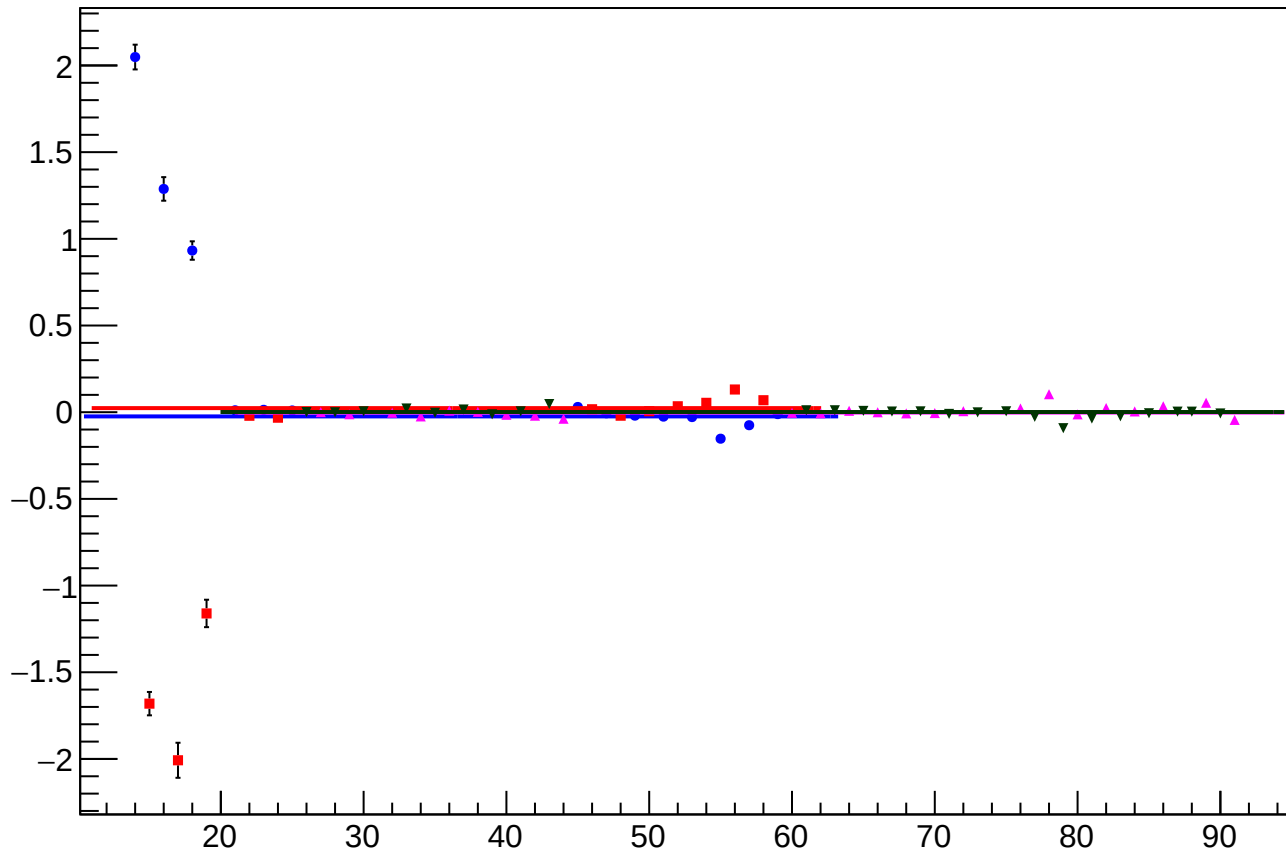
Left Out: -0.059 ± 0.006 χ^2/NDF : 254.1/24

Right Out: 0.247 ± 0.008 χ^2/NDF : 2019.7/11

Left In: 0.024 ± 0.006 χ^2/NDF : 403.5/23

-0.020 ± 0.003 χ^2/NDF : 8139.6/74

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.024 ± 0.001 χ^2/NDF : 2530.3/13

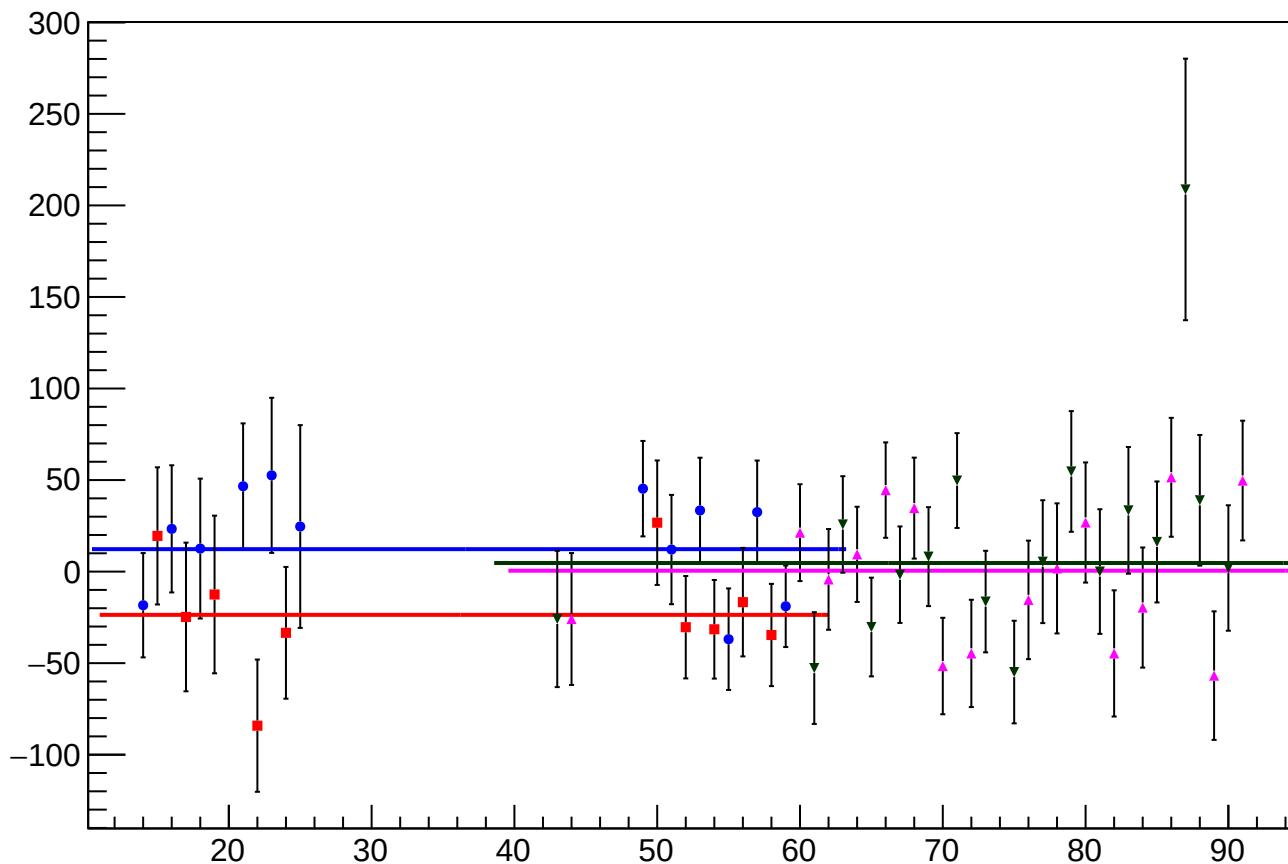
Left Out: 0.001 ± 0.001 χ^2/NDF : 385.8/24

Right Out: 0.024 ± 0.002 χ^2/NDF : 2078.5/11

Left In: -0.002 ± 0.001 χ^2/NDF : 393.6/23

-0.001 ± 0.001 χ^2/NDF : 5903.8/74

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 12.263 ± 8.820 $\chi^2/\text{NDF}: 11.0/11$

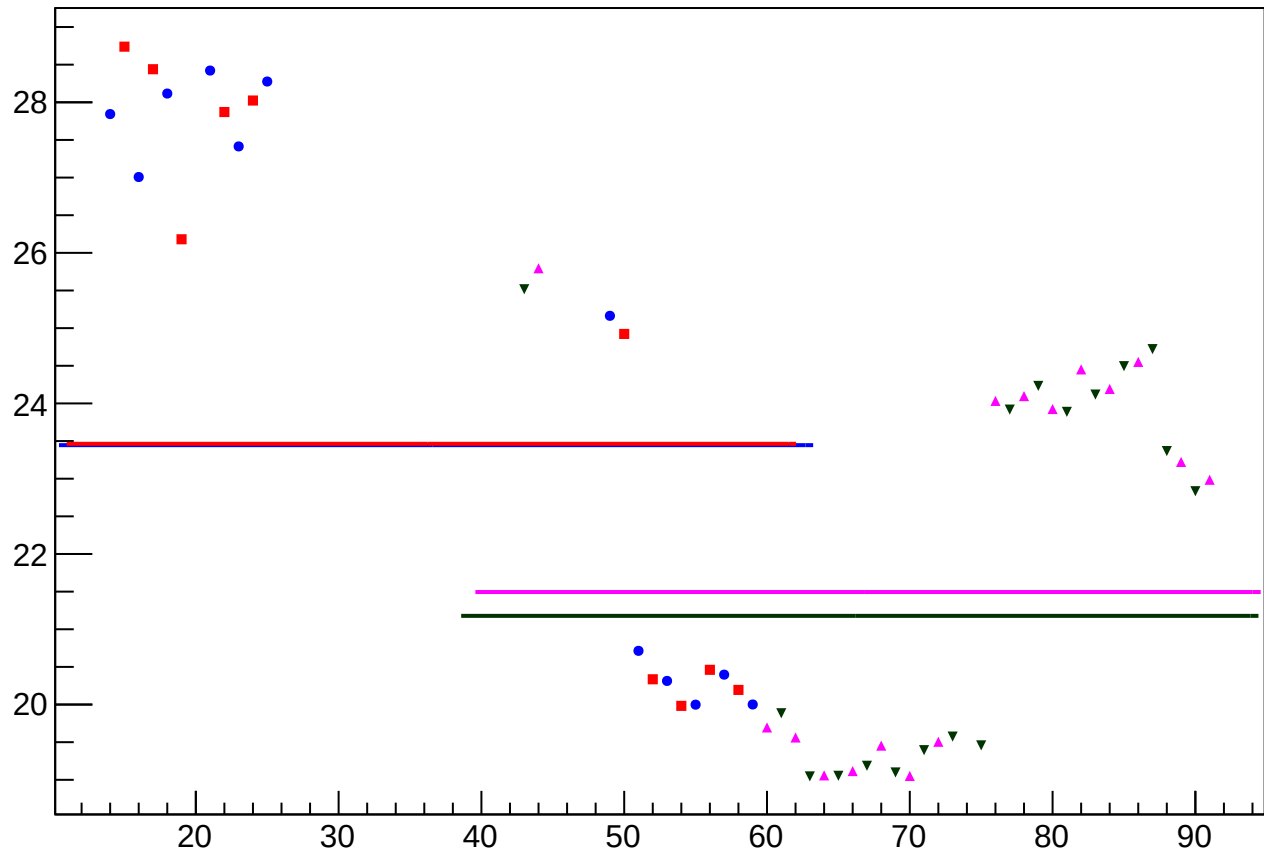
Left Out: 4.690 ± 7.507 $\chi^2/\text{NDF}: 26.9/16$

Right Out: -23.629 ± 10.346 $\chi^2/\text{NDF}: 6.8/9$

Left In: 0.490 ± 7.551 $\chi^2/\text{NDF}: 22.4/15$

0.500 ± 4.171 $\chi^2/\text{NDF}: 74.6/54$

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 23.446 $\pm$ 0.006 χ^2 /NDF: 324652.2/11

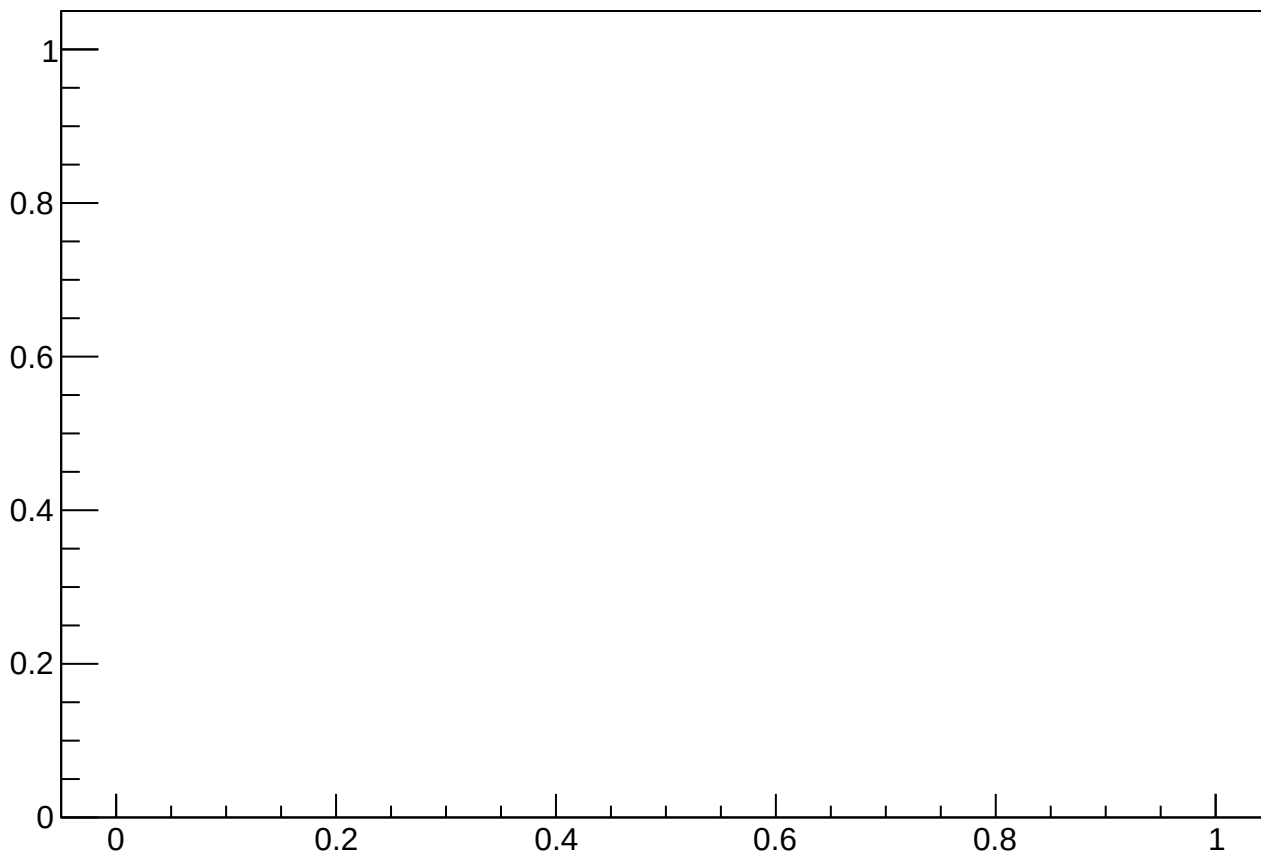
Left Out: 21.178 $\pm$ 0.005 χ^2 /NDF:198216.9/16

Right Out: 23.464 $\pm$ 0.007 χ^2 /NDF: 249638.2/9

Left In: 21.495 $\pm$ 0.005 χ^2 /NDF:208203.9/15

22.153 $\pm$ 0.003 χ^2 /NDF: 1104698.1/54

bcm_dg_us_dg_ds_avg_mean vs slug



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

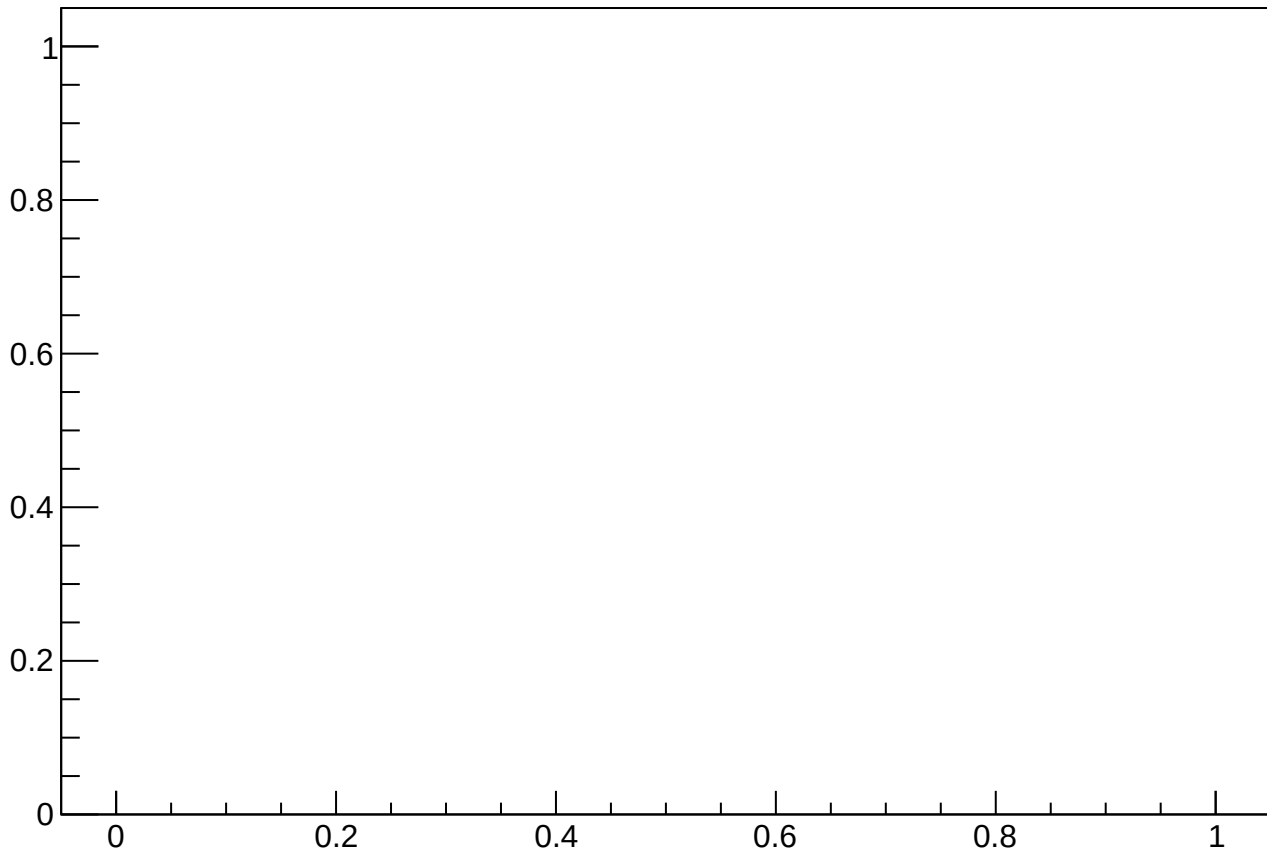
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



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

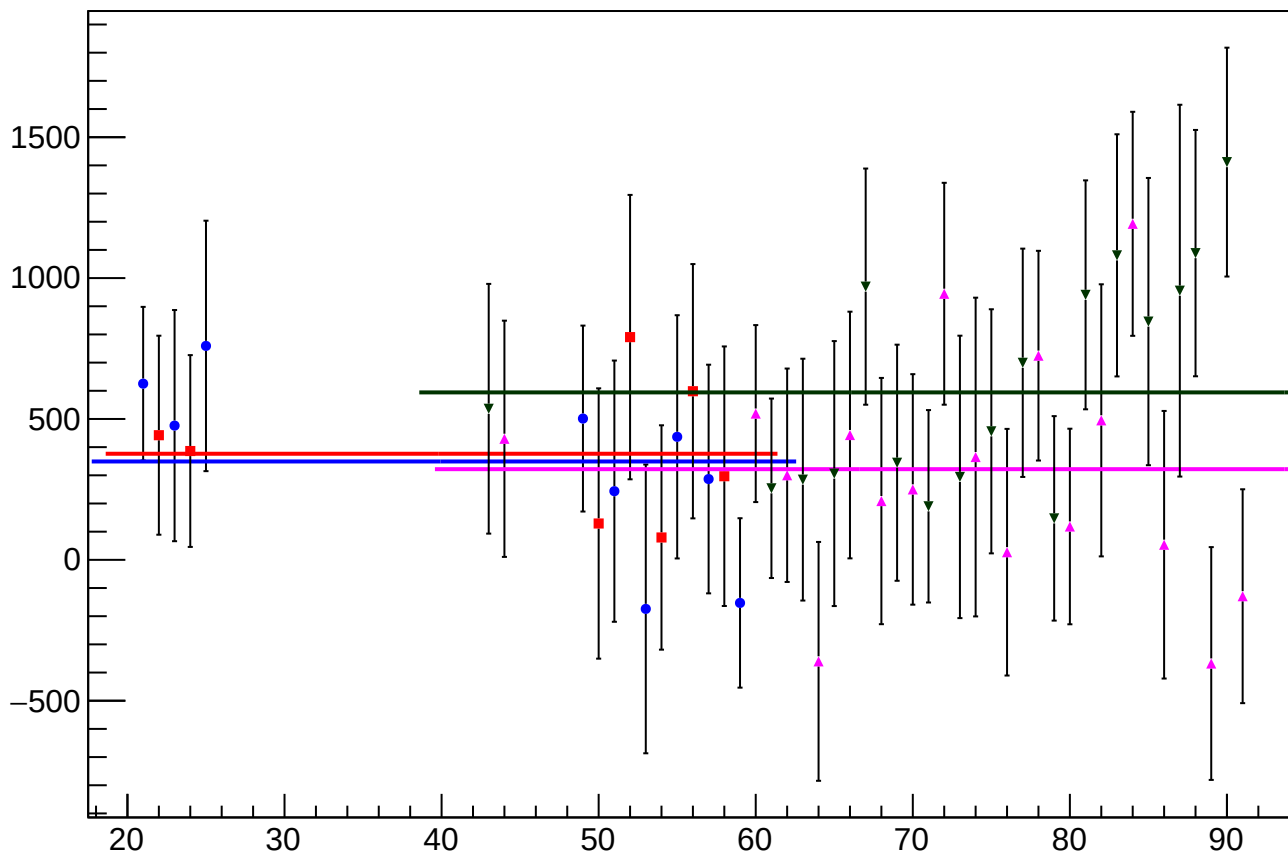
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 349.163 ± 124.407 $\chi^2/\text{NDF}: 6.1/8$

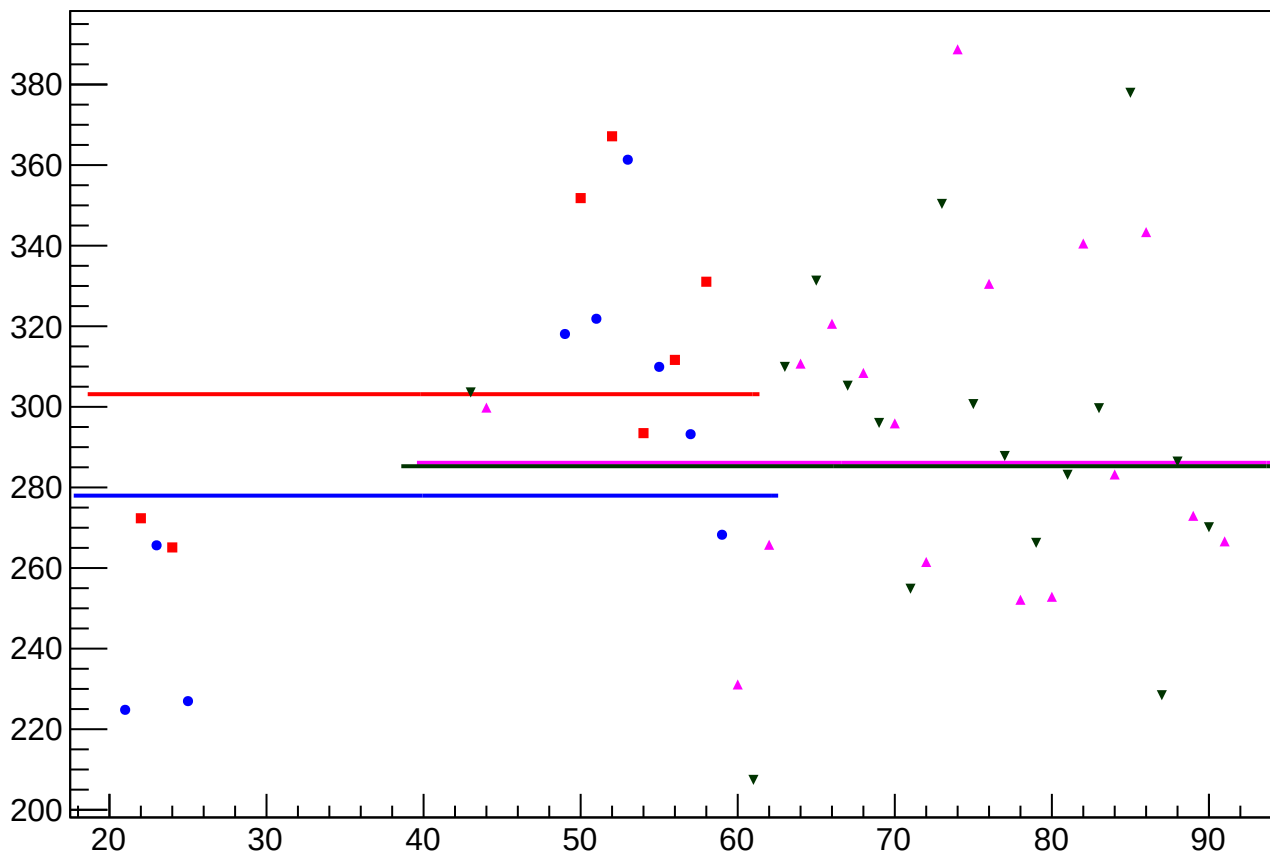
Left Out: 594.282 ± 101.649 $\chi^2/\text{NDF}: 14.5/16$

Right Out: 376.554 ± 156.457 $\chi^2/\text{NDF}: 1.8/6$

Left In: 321.833 ± 98.549 $\chi^2/\text{NDF}: 17.1/16$

421.335 ± 57.240 $\chi^2/\text{NDF}: 44.0/49$

asym_us_agg_avg_rms vs slug



Right In: 277.968+/-0.088 χ^2/NDF : 220486.8/8

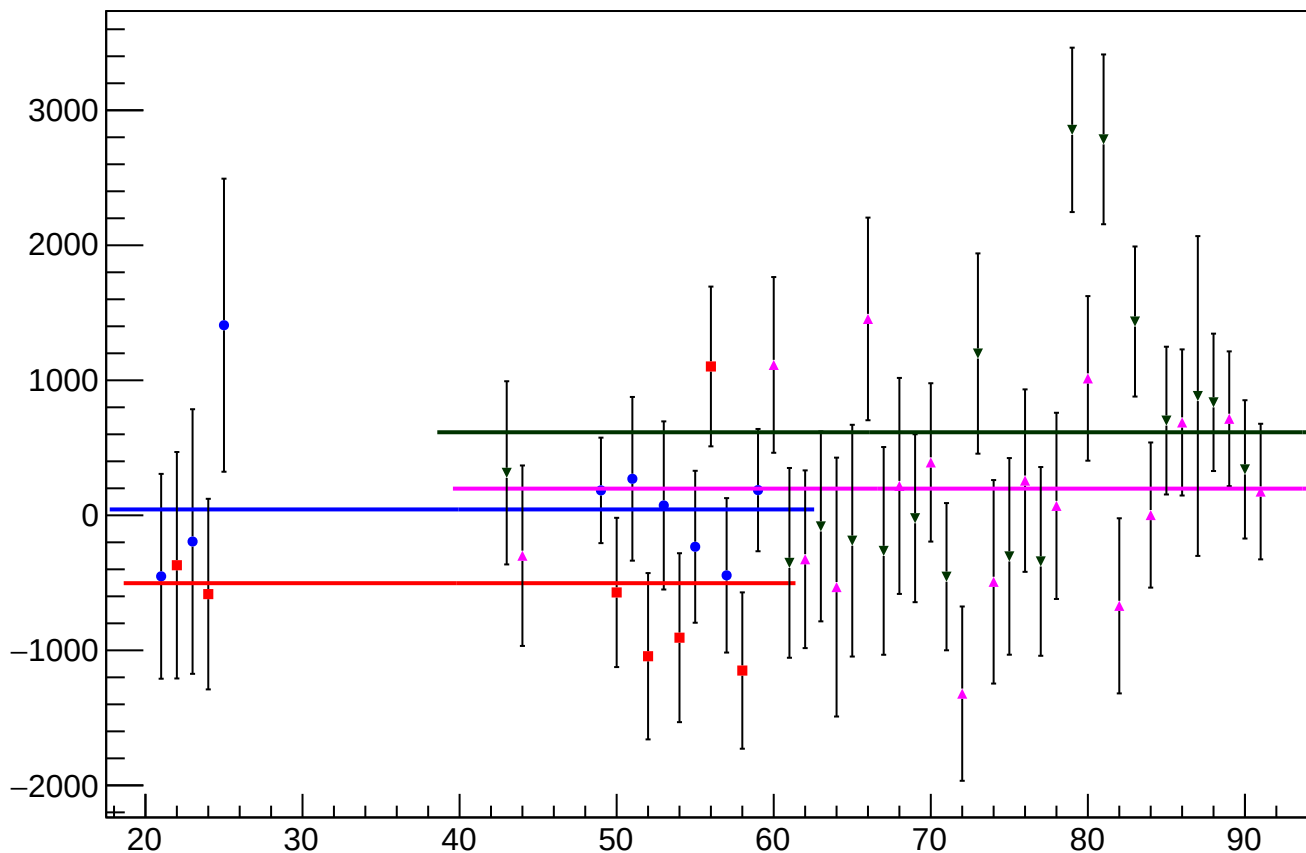
Left Out: 285.265+/-0.072 χ^2/NDF : 298276.1/16

Right Out: 303.143+/-0.111 χ^2/NDF : 102147.6/6

Left In: 286.118+/-0.070 χ^2/NDF : 285954.8/16

286.401+/-0.040 χ^2/NDF : 939223.5/49

asym_us_agg_dd_mean vs slug



Right In: 43.647 $\pm$ 193.983 χ^2 /NDF: 3.4/8

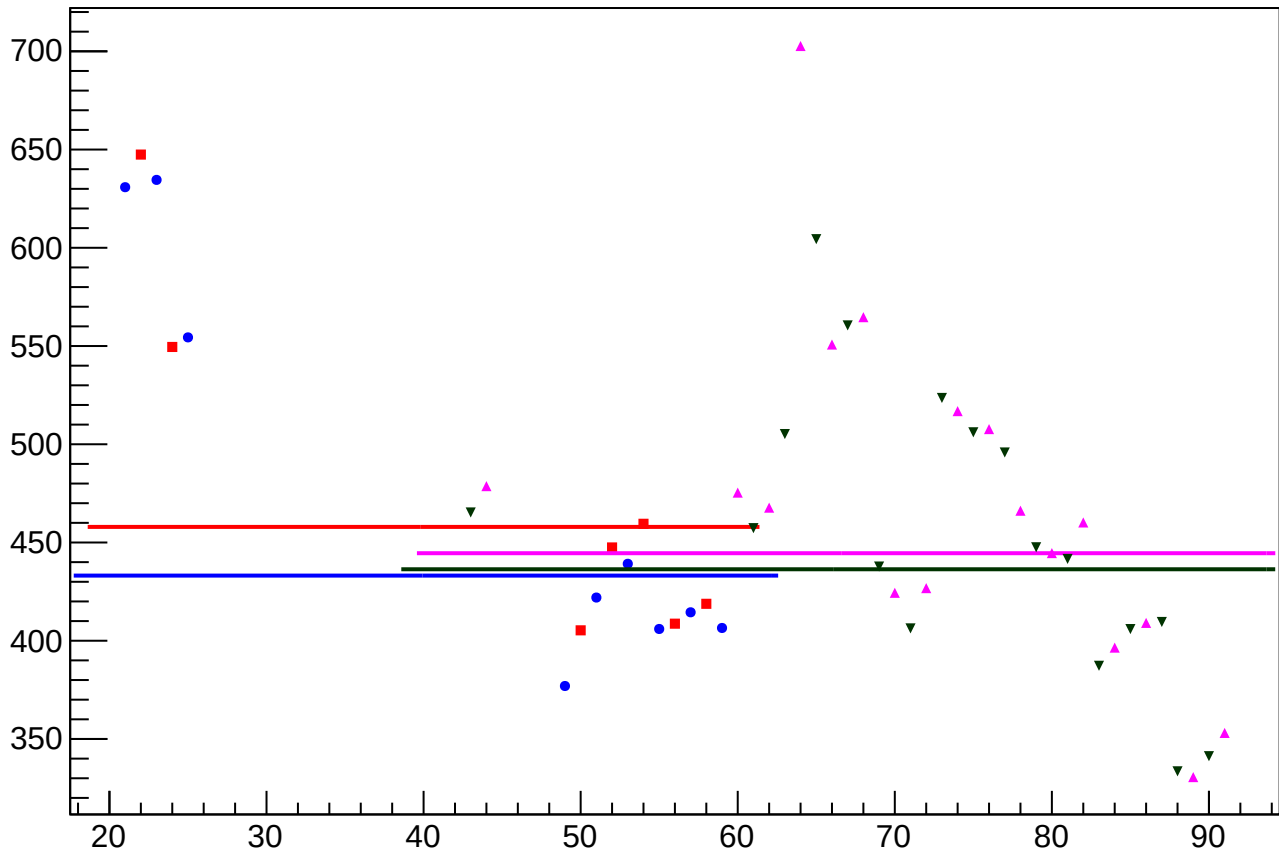
Left Out: 615.226 $\pm$ 155.873 χ^2 /NDF: 42.4/16

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

202.955 $\pm$ 88.358 χ^2 /NDF: 90.9/49

asym_us_agg_dd_rms vs slug



Right In: 433.157 ± 0.137 χ^2/NDF : 301252.1/8

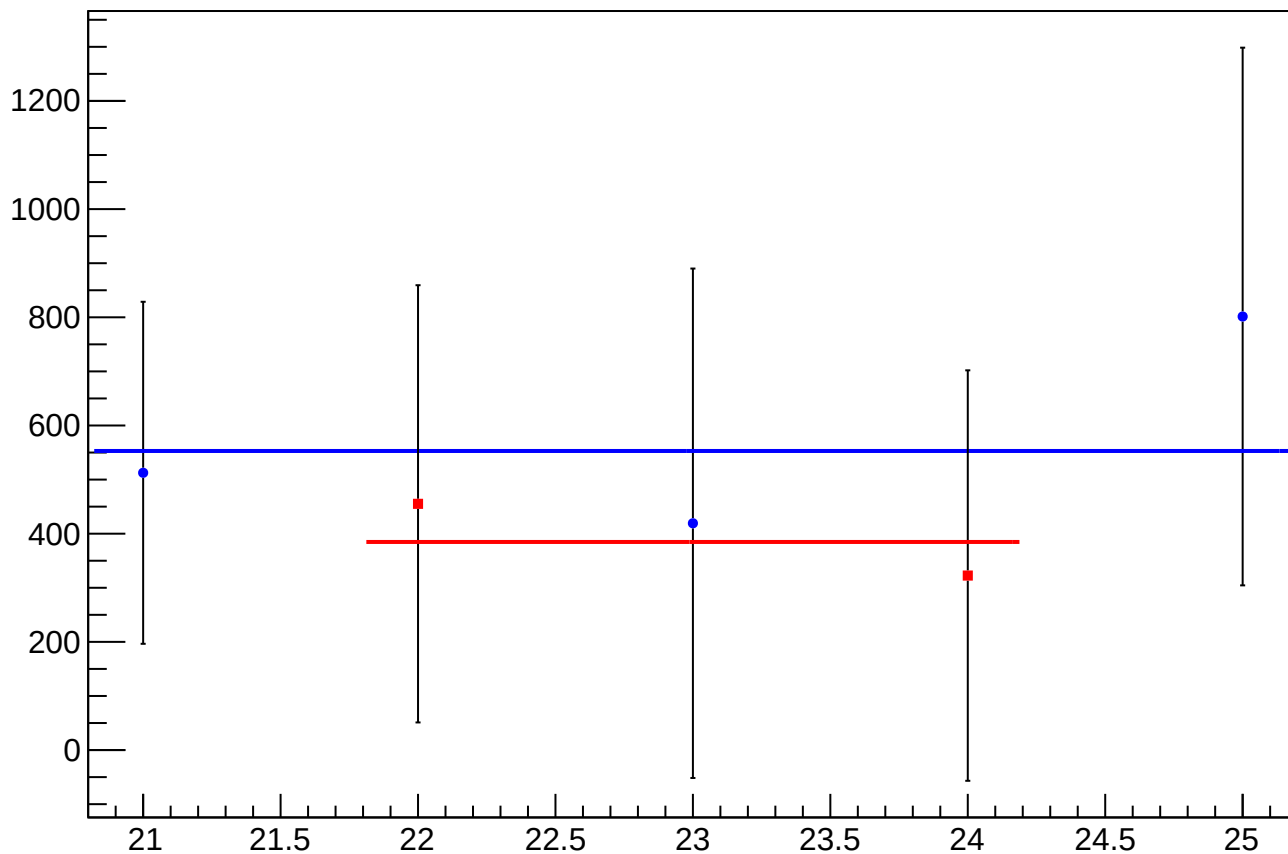
Left Out: 436.374 ± 0.110 χ^2/NDF : 394171.8/16

Right Out: 457.937 ± 0.168 χ^2/NDF : 177531.8/6

Left In: 444.549 ± 0.108 χ^2/NDF : 480411.6/16

441.412 ± 0.062 χ^2/NDF : 1369602.9/49

asym_ds_agg_avg_mean vs slug



Right In: 552.891 $\pm$ 232.087 χ^2 /NDF: 0.3/2

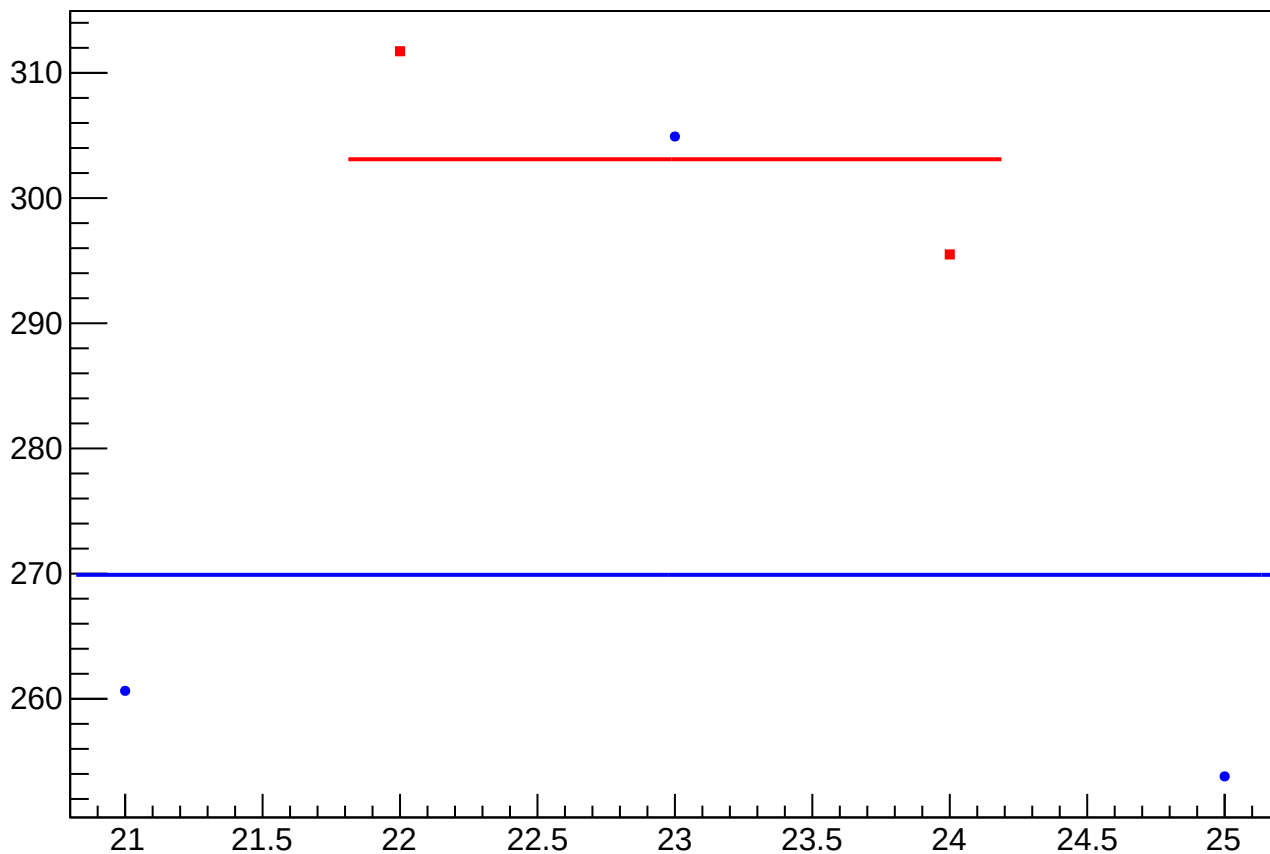
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 384.707 $\pm$ 276.605 χ^2 /NDF: 0.1/1

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

483.405 $\pm$ 177.793 χ^2 /NDF: 0.6/4

asym_ds_agg_avg_rms vs slug



Right In: 269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

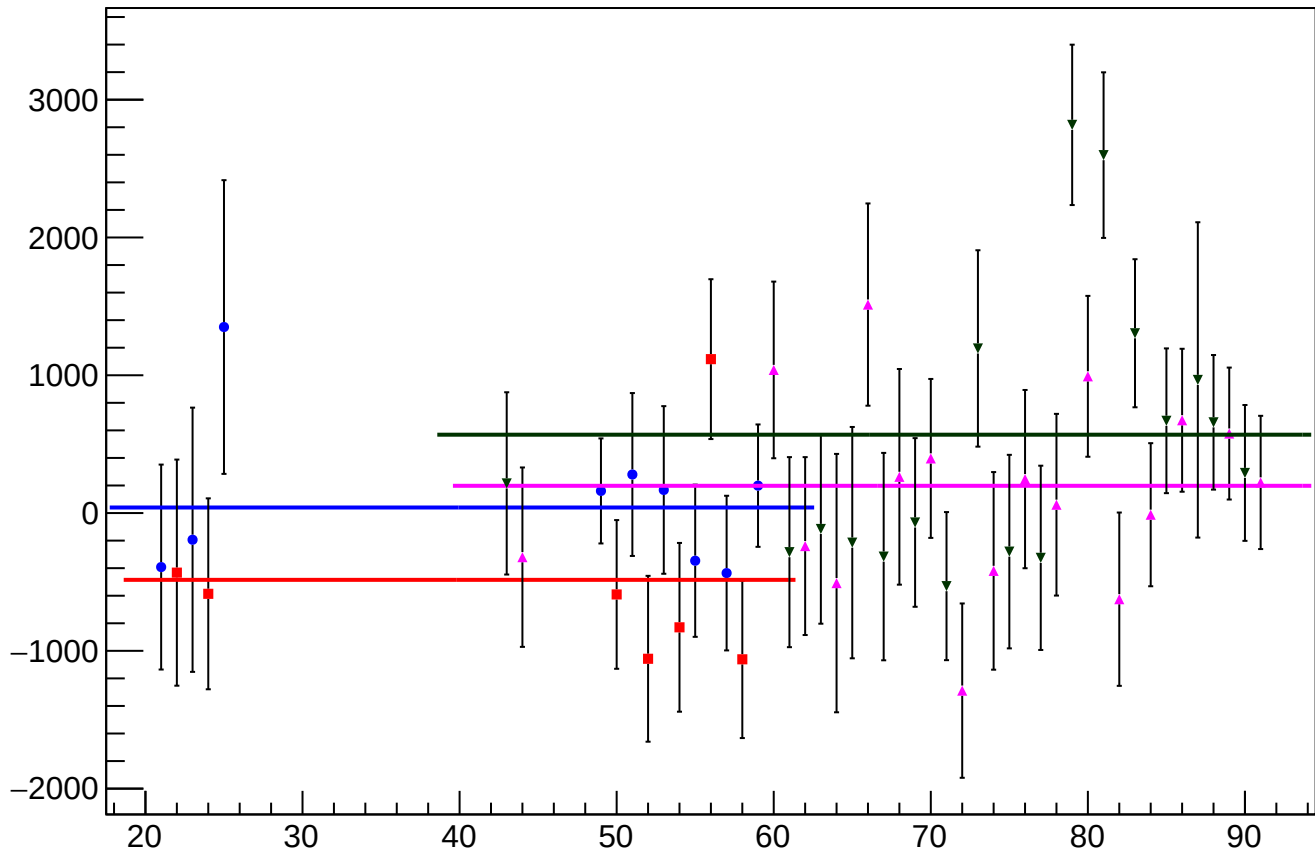
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.621 $\pm$ 0.126 χ^2 /NDF: 33496.2/4

Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

asym_ds_agg_dd_mean vs slug



Right In: 40.318 $\pm$ 189.847 χ^2 /NDF: 3.6/8

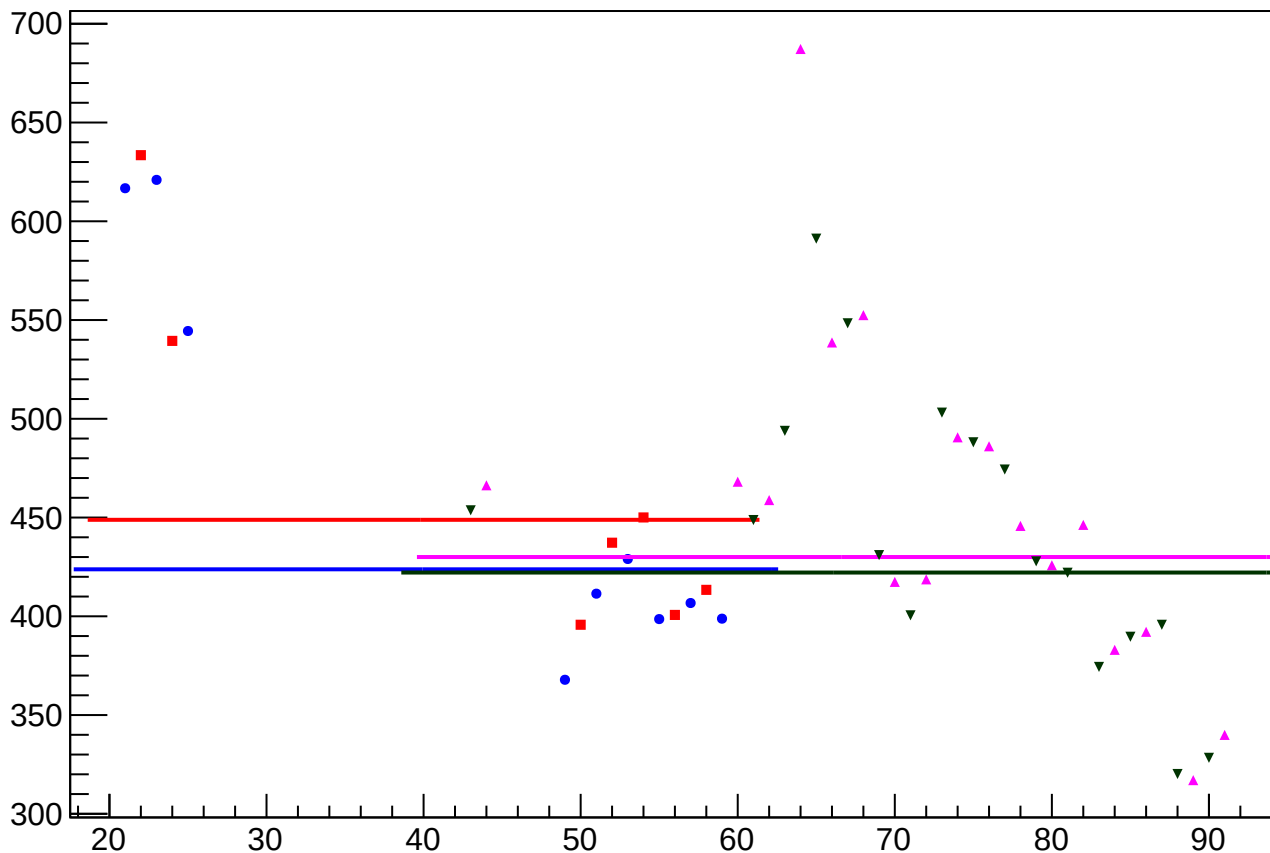
Left Out: 568.682 $\pm$ 150.869 χ^2 /NDF: 43.1/16

192.813 $\pm$ 85.867 χ^2 /NDF: 90.1/49

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

asym_ds_agg_dd_rms vs slug



Right In: 423.788 $\pm$ 0.134 χ^2 /NDF: 301209.7/8

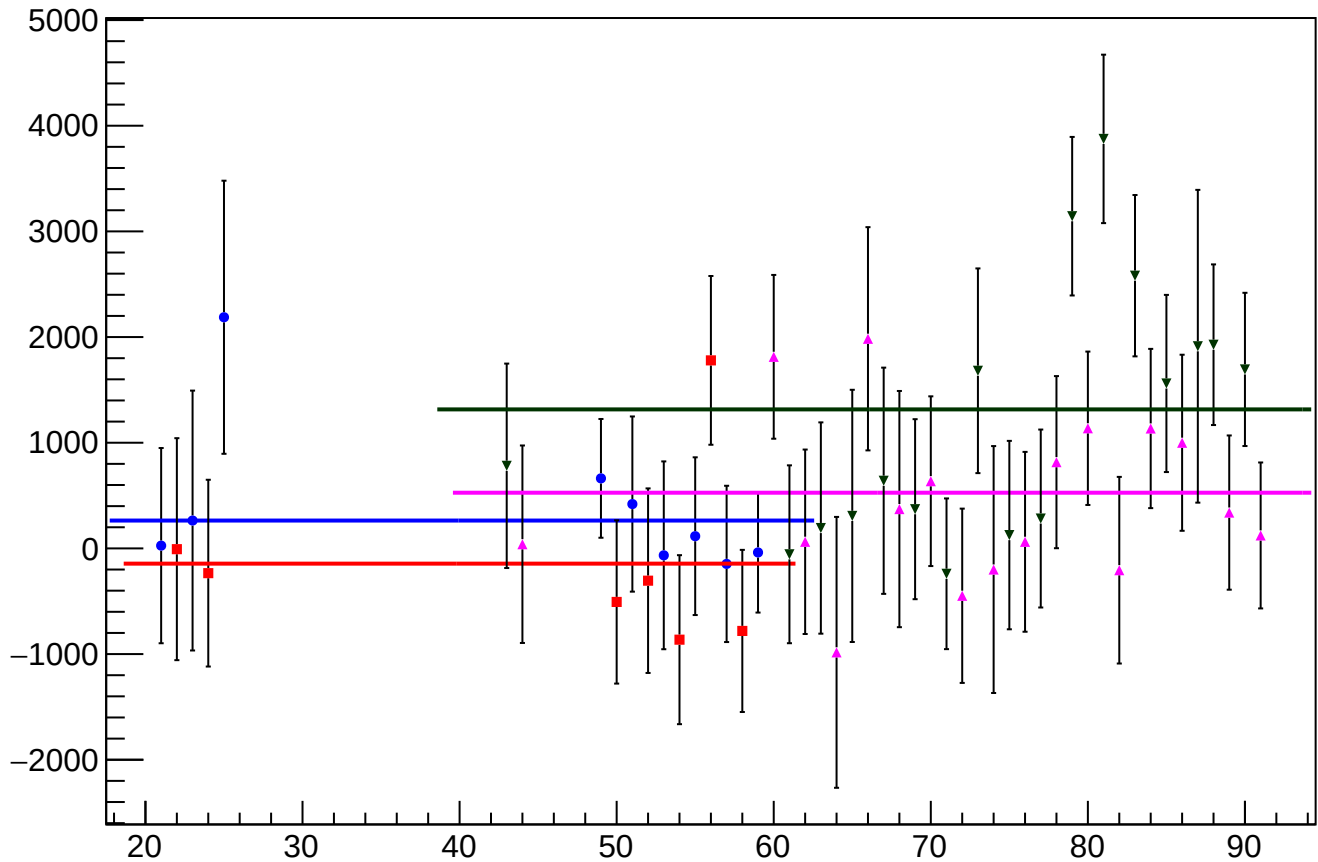
Left Out: 422.153 $\pm$ 0.107 χ^2 /NDF: 410284.4/16

Right Out: 448.852 $\pm$ 0.165 χ^2 /NDF: 177054.8/6

Left In: 430.011 $\pm$ 0.105 χ^2 /NDF: 501826.5/16

428.757 $\pm$ 0.061 χ^2 /NDF: 1410630.2/49

asym_left_agg_avg_mean vs slug



Right In: 263.596+/-257.894 χ^2/NDF : 3.6/8

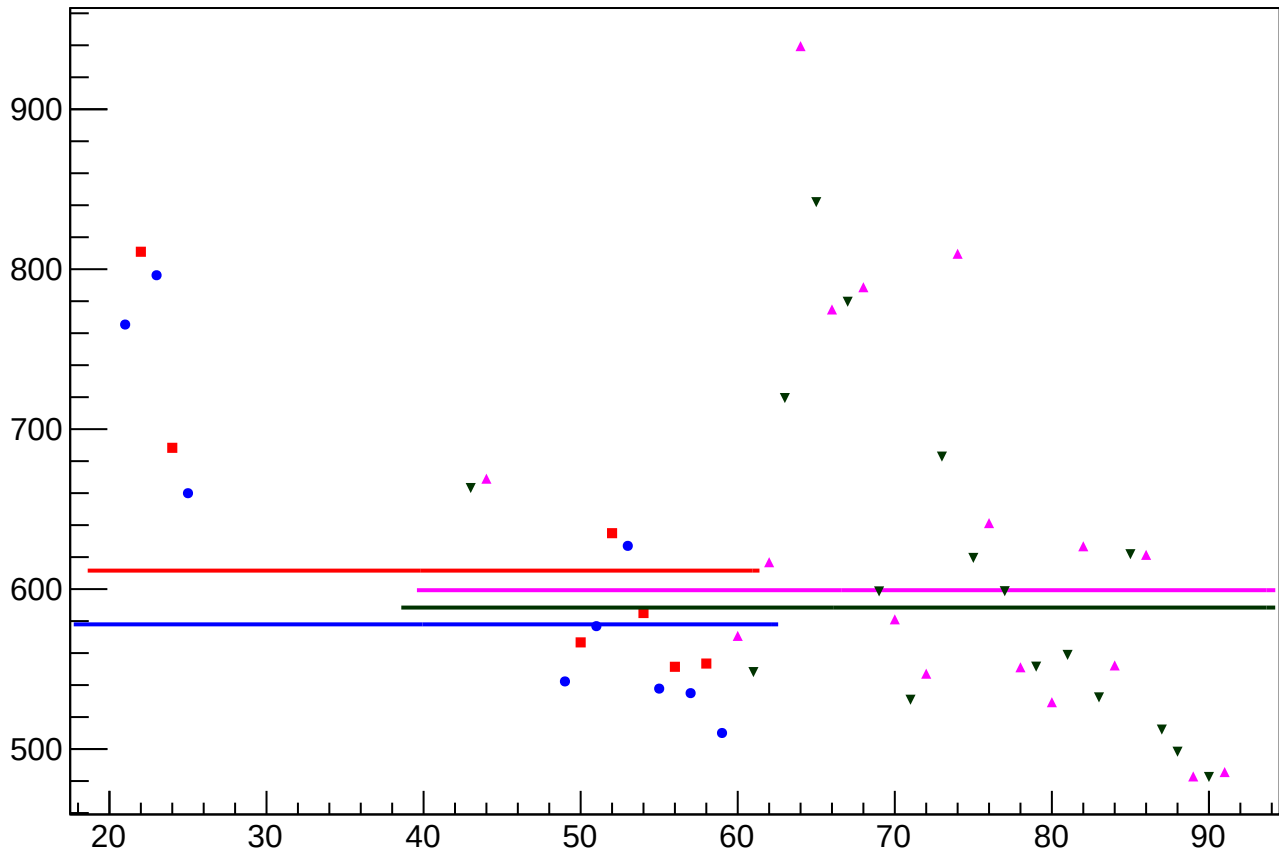
Left Out: 1315.439+/-209.816 χ^2/NDF : 34.9/16

628.626+/-118.524 χ^2/NDF : 76.6/49

Right Out: -144.200+/-316.155 χ^2/NDF : 7.6/6

Left In: 526.995+/-206.597 χ^2/NDF : 11.6/16

asym_left_agg_avg_rms vs slug



Right In: 577.960 ± 0.182 χ^2/NDF : 208660.7/8

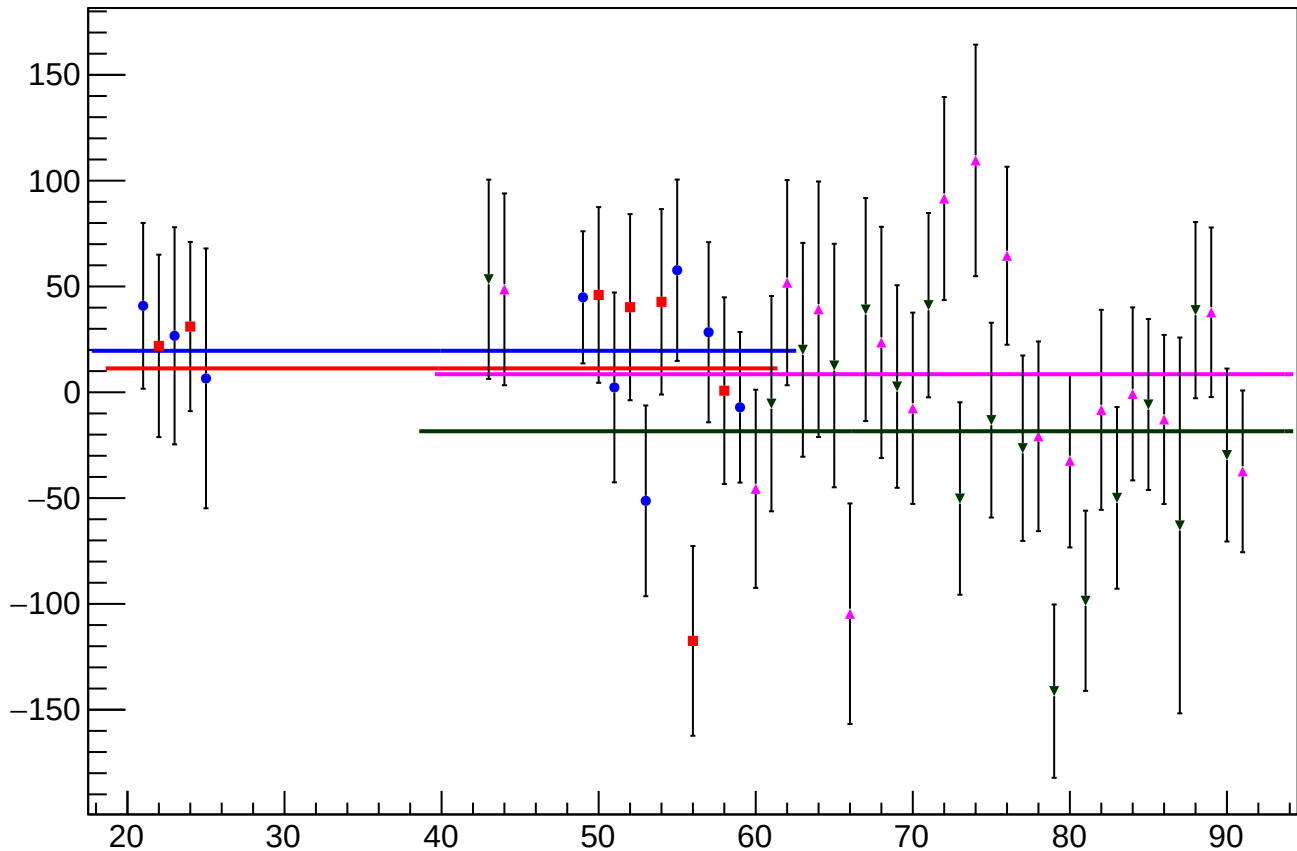
Left Out: 588.460 ± 0.148 χ^2/NDF : 337658.1/16

Right Out: 611.564 ± 0.224 χ^2/NDF : 120340.8/6

Left In: 599.316 ± 0.146 χ^2/NDF : 488810.3/16

593.062 ± 0.084 χ^2/NDF : 1171973.0/49

asym_left_agg_dd_mean vs slug



Right In: 19.607+/-13.868 χ^2/NDF : 5.0/8

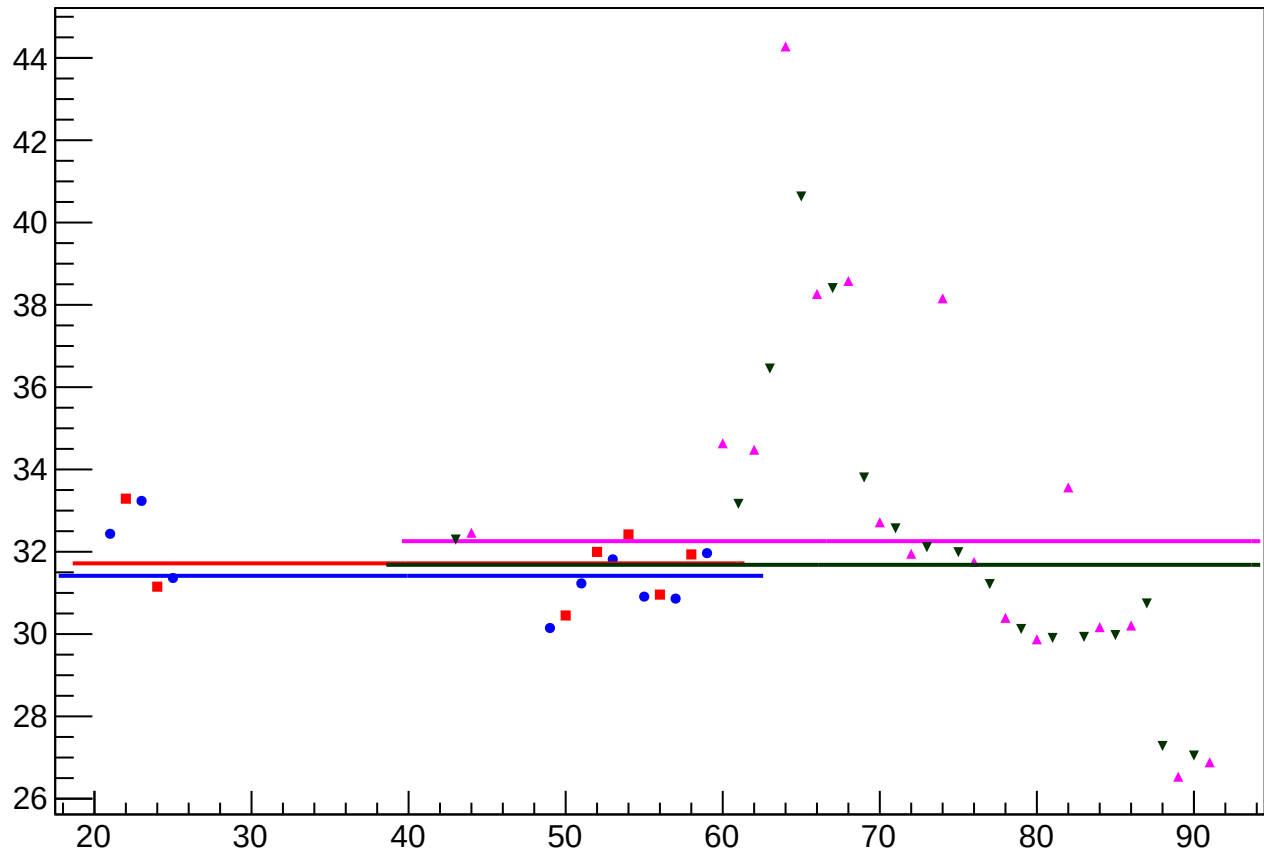
Left Out: -18.409+/-11.224 χ^2/NDF : 22.4/16

2.742+/-6.302 χ^2/NDF : 63.5/49

Right Out: 11.297+/-16.235 χ^2/NDF : 10.3/6

Left In: 8.535+/-11.014 χ^2/NDF : 20.1/16

asym_left_agg_dd_rms vs slug



Right In: 31.416+/-0.010 χ^2/NDF : 8468.2/8

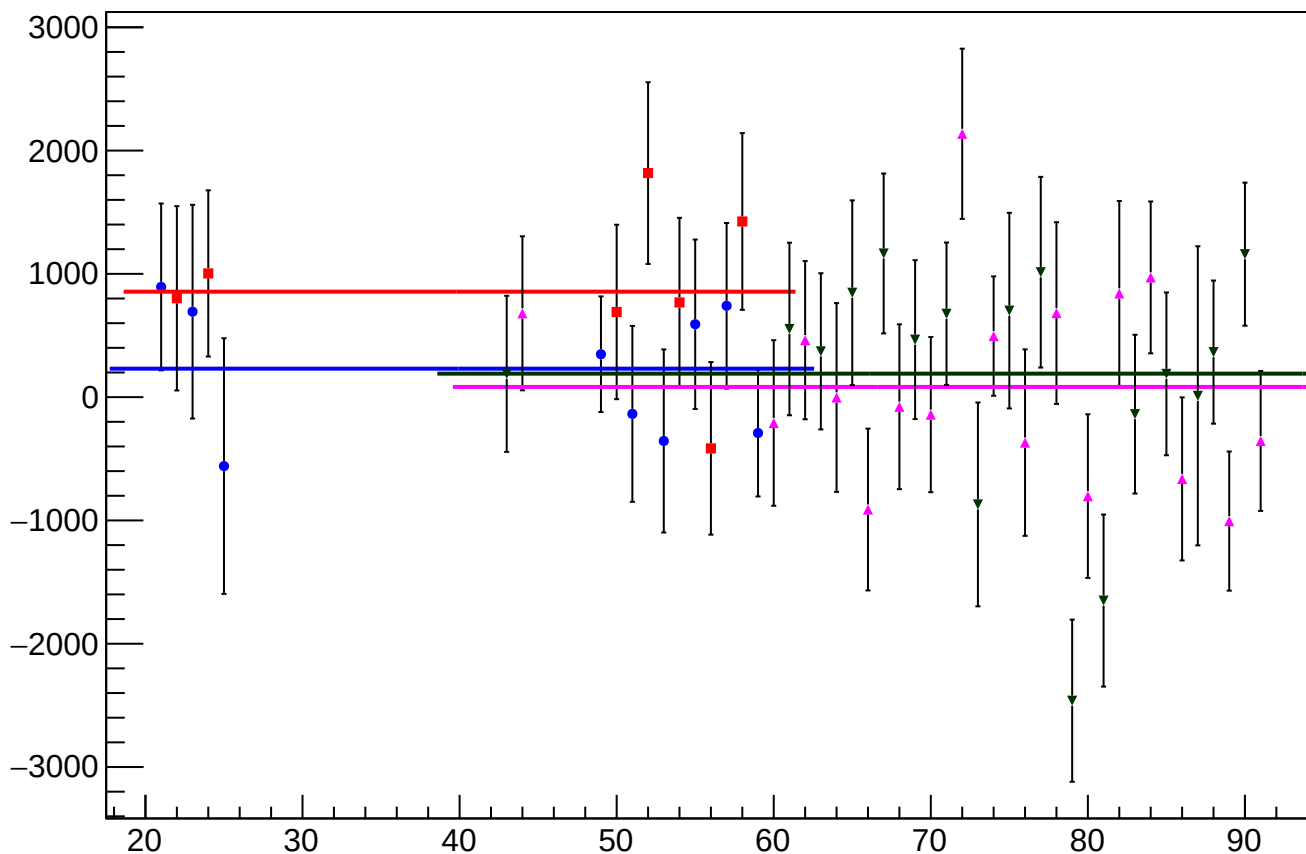
Left Out: 31.683+/-0.008 χ^2/NDF :167680.4/16

Right Out: 31.718+/-0.011 χ^2/NDF : 6138.8/6

Left In: 32.258+/-0.008 χ^2/NDF :268466.9/16

31.821+/-0.004 χ^2/NDF : 455988.8/49

asym_right_agg_avg_mean vs slug



Right In: 231.029 $\pm$ 218.826 χ^2/NDF : 4.7/8

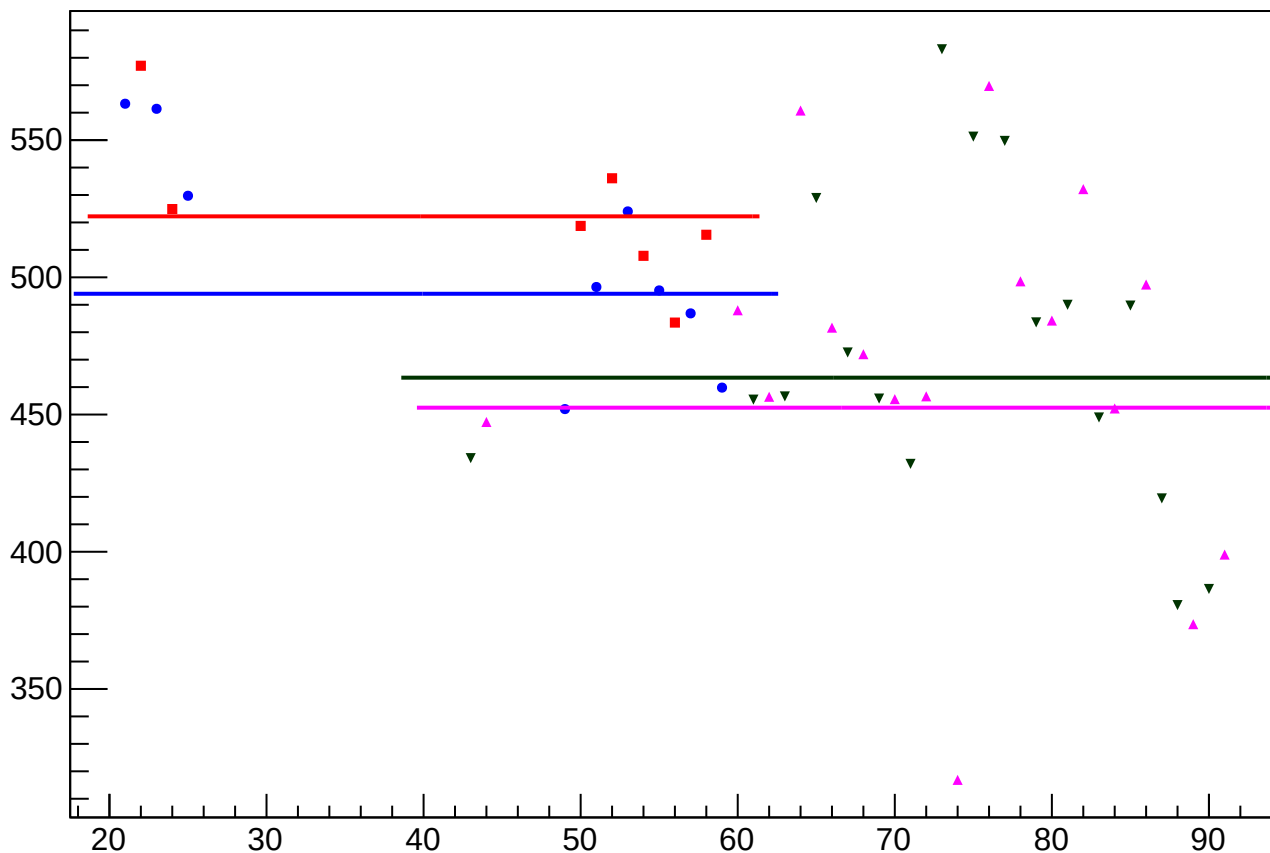
Left Out: 190.640 $\pm$ 164.361 χ^2/NDF :33.9/16

Right Out: 855.522 $\pm$ 267.821 χ^2/NDF : 5.8/6

Left In: 82.845 $\pm$ 155.849 χ^2/NDF :25.0/16

240.855 $\pm$ 94.067 χ^2/NDF : 75.7/49

asym_right_agg_avg_rms vs slug



Right In: 494.010 ± 0.155 χ^2/NDF : 63830.4/8

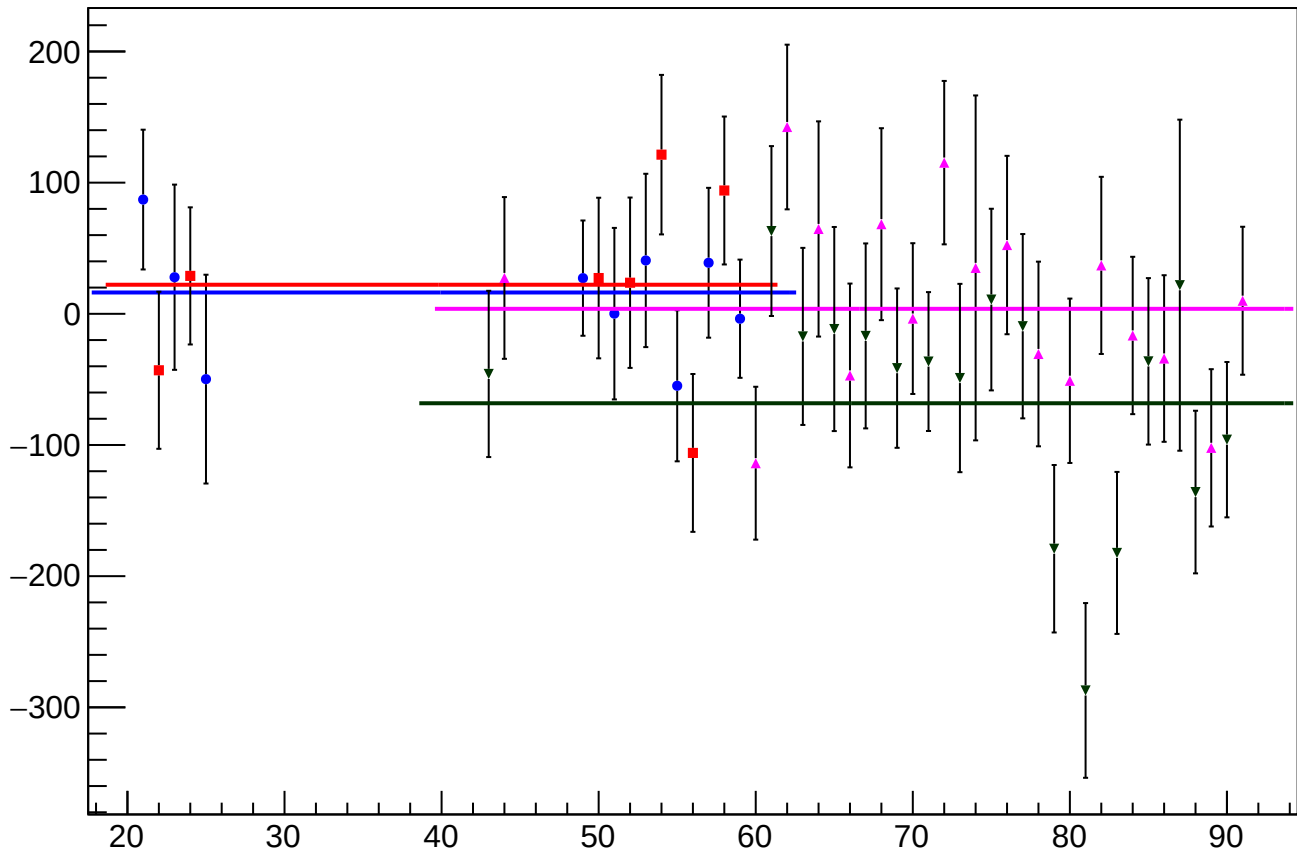
Left Out: 463.437 ± 0.116 χ^2/NDF : 205593.8/16

Right Out: 522.219 ± 0.189 χ^2/NDF : 18739.6/6

Left In: 452.501 ± 0.110 χ^2/NDF : 357681.4/16

472.354 ± 0.067 χ^2/NDF : 773107.3/49

asym_right_agg_dd_mean vs slug



Right In: 16.265 ± 18.924 χ^2/NDF : 4.6/8

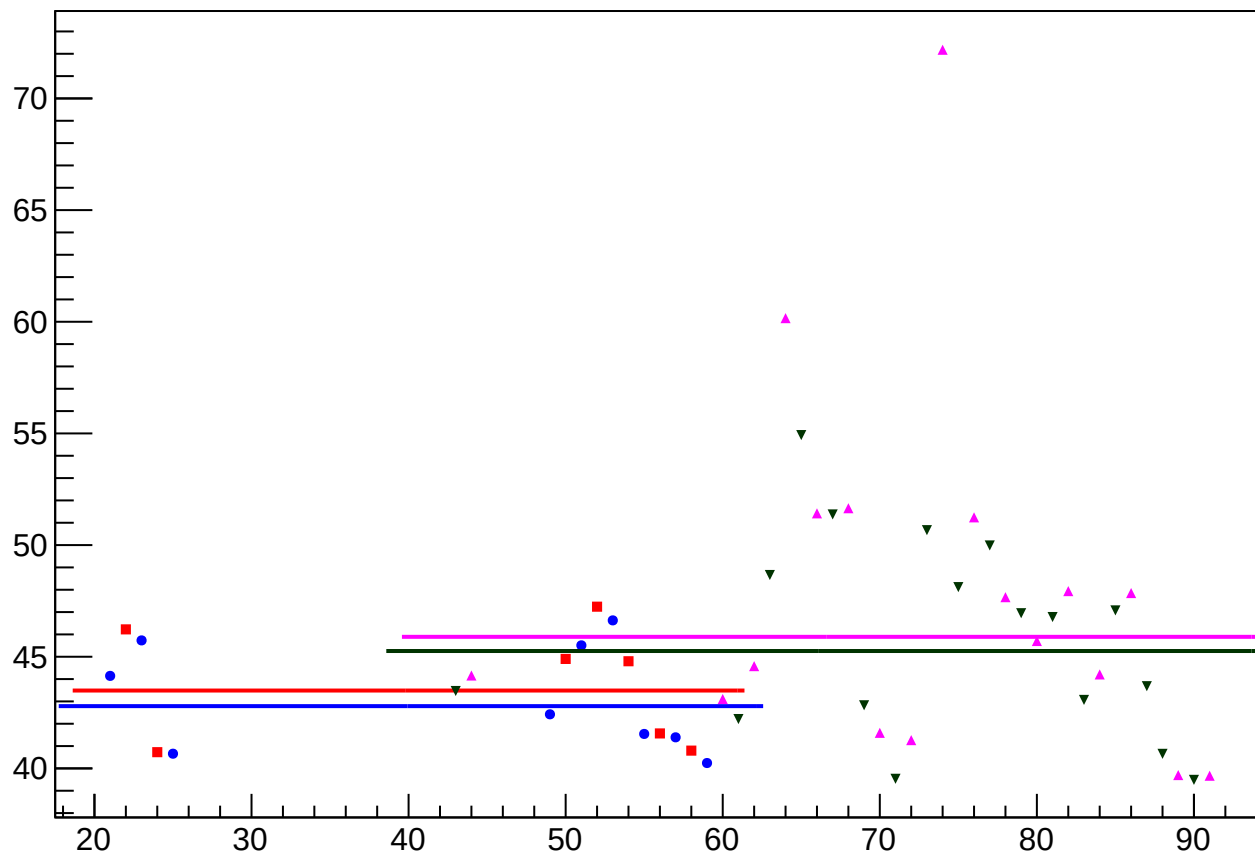
Left Out: -68.177 ± 16.021 χ^2/NDF : 27.9/16

Right Out: 22.173 ± 22.304 χ^2/NDF : 10.0/6

Left In: 3.812 ± 15.853 χ^2/NDF : 19.6/16

-12.656 ± 8.881 χ^2/NDF : 80.0/49

asym_right_agg_dd_rms vs slug



Right In: 42.789+/-0.013 χ^2/NDF : 25084.4/8

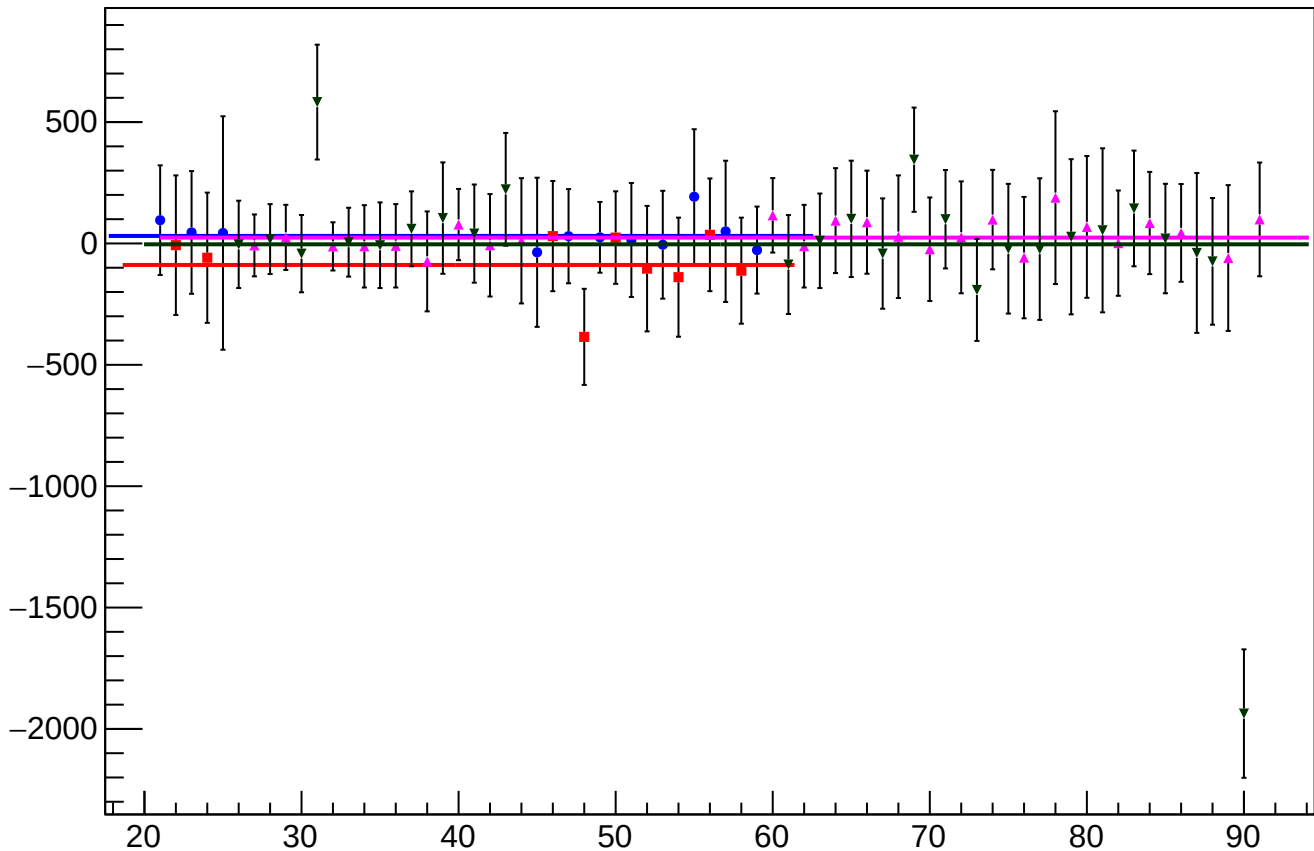
Left Out: 45.257+/-0.011 χ^2/NDF :144381.2/16

Right Out: 43.487+/-0.016 χ^2/NDF : 25038.9/6

Left In: 45.892+/-0.011 χ^2/NDF :259177.2/16

44.632+/-0.006 χ^2/NDF : 493606.2/49

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

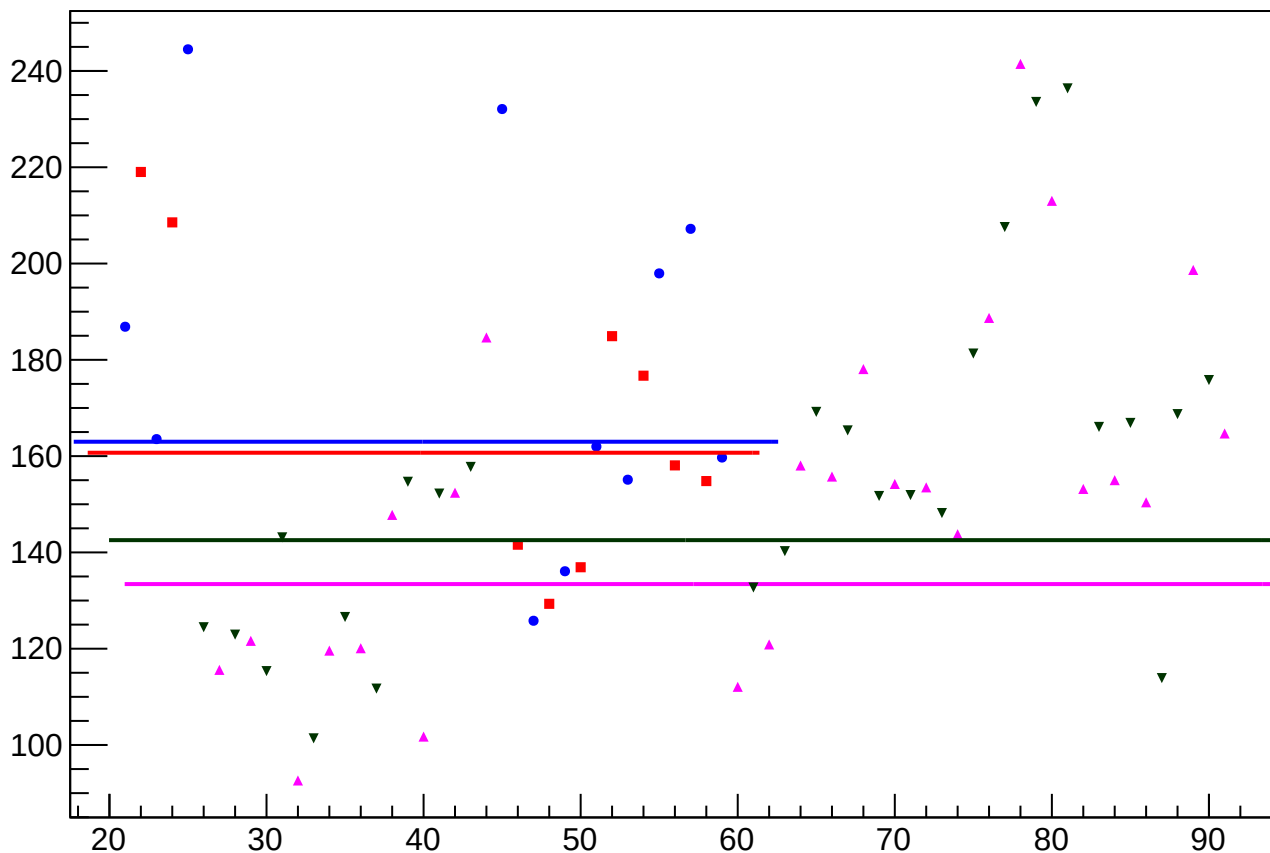
Left Out: -3.539 $\pm$ 40.901 χ^2 /NDF: 65.6/25

4.164 $\pm$ 24.153 χ^2 /NDF: 73.5/70

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

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.989+/-0.048 χ^2/NDF : 403662.4/10

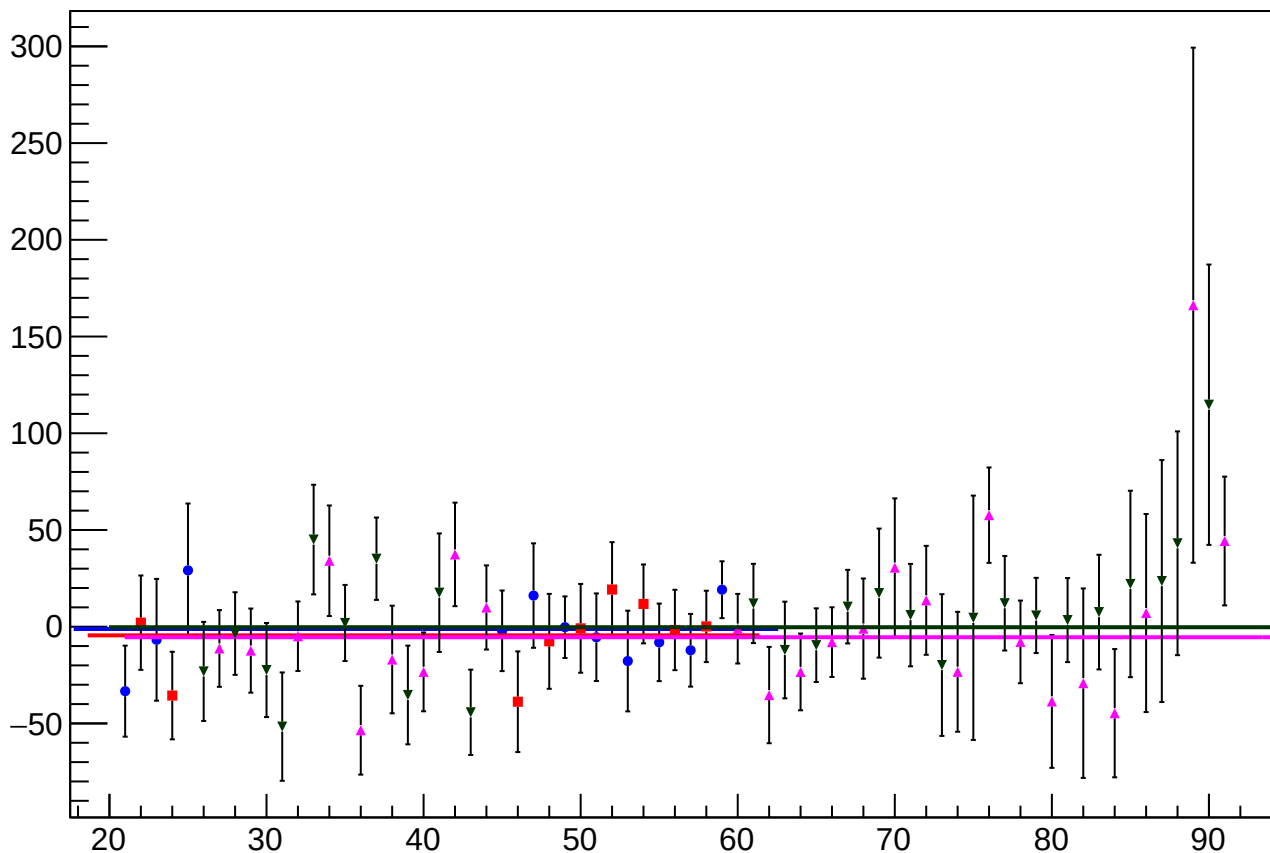
Left Out: 142.548+/-0.029 χ^2/NDF : 1025722.2/25

Right Out: 160.703+/-0.054 χ^2/NDF : 269273.2/8

Left In: 133.422+/-0.026 χ^2/NDF : 1426935.9/24

143.064+/-0.017 χ^2/NDF : 3540097.2/70

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.185 ± 6.368 χ^2/NDF : 5.9/10

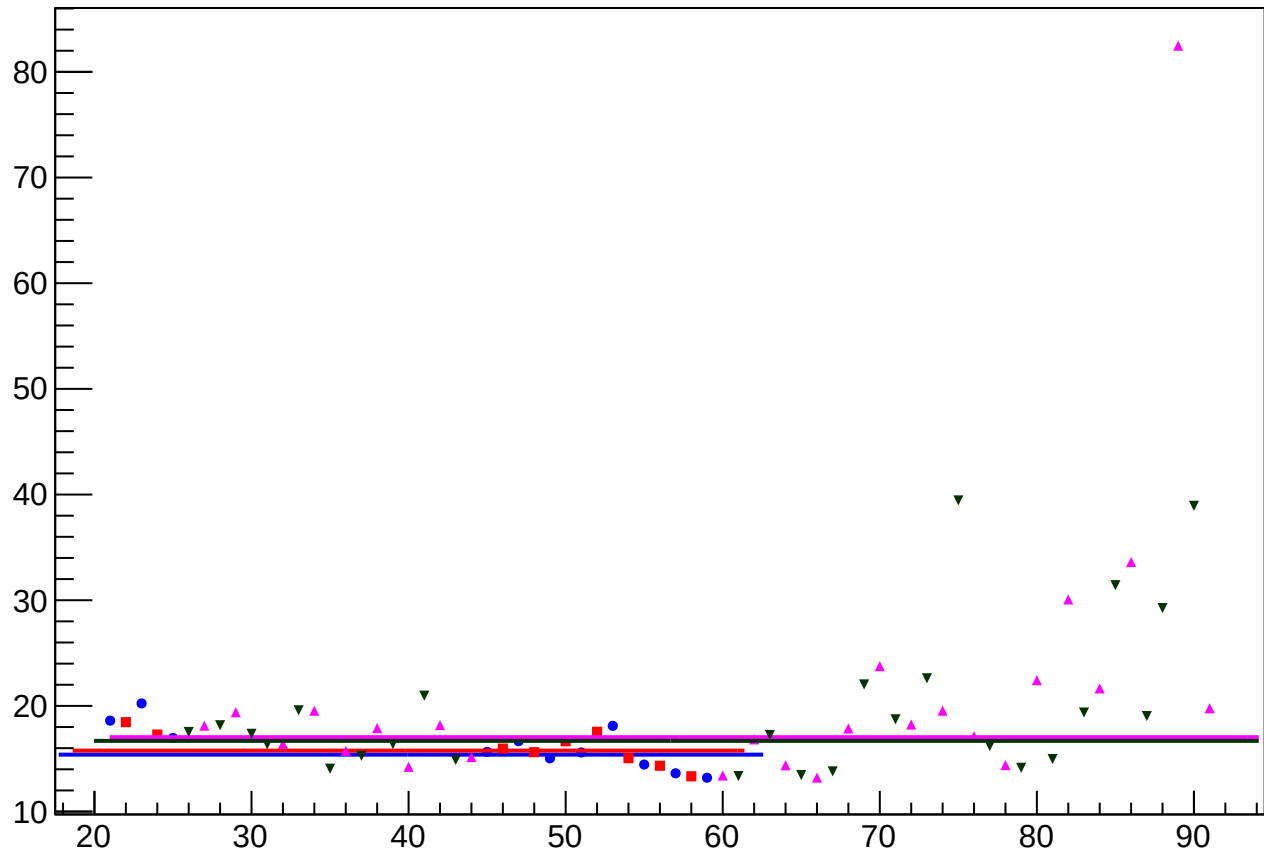
Left Out: -0.269 ± 5.066 χ^2/NDF : 22.2/25

Right Out: -4.471 ± 7.454 χ^2/NDF : 5.4/8

Left In: -5.439 ± 4.979 χ^2/NDF : 27.8/24

-2.784 ± 2.864 χ^2/NDF : 61.9/70

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.388+/-0.005 χ^2/NDF : 182906.8/10

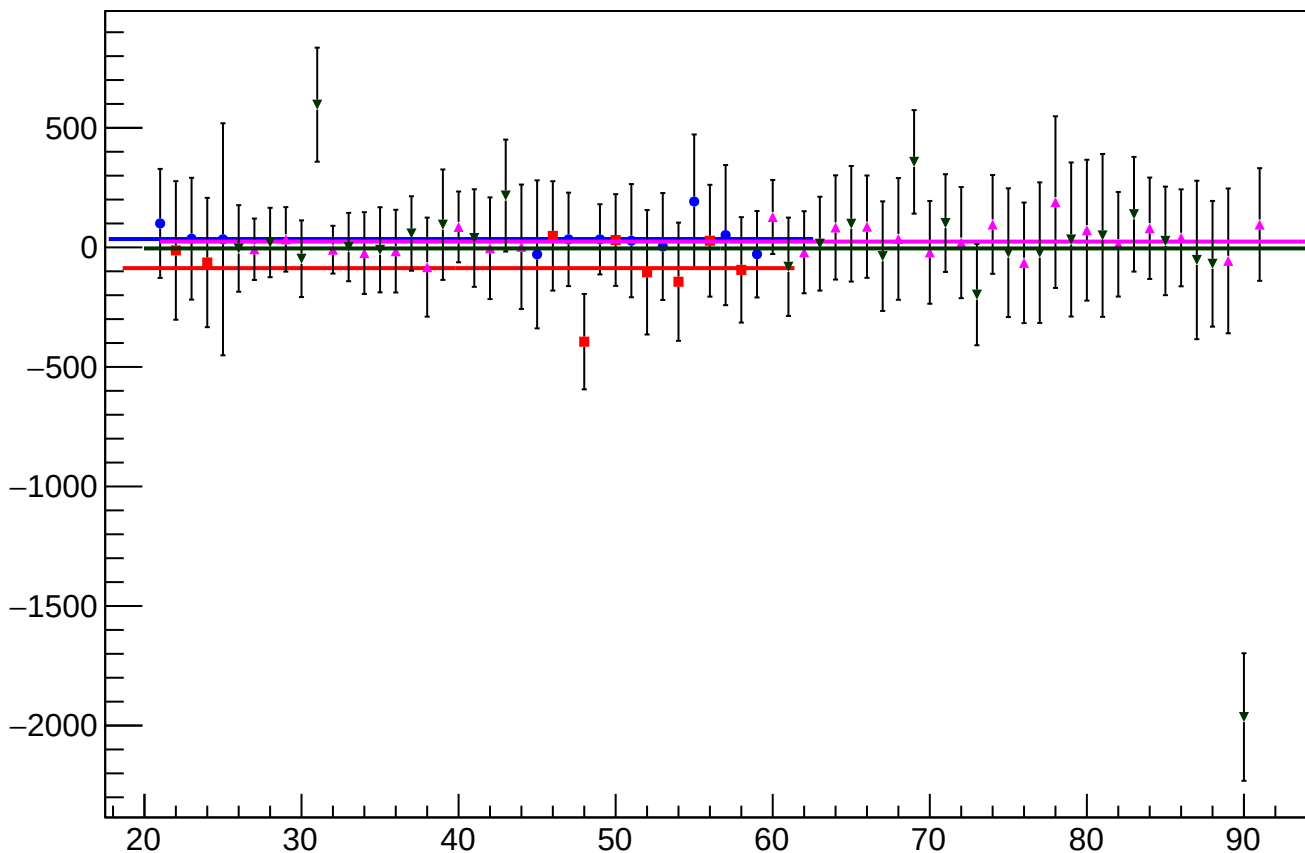
Left Out: 16.690+/-0.004 χ^2/NDF : 1201248.7/25

Right Out: 15.768+/-0.005 χ^2/NDF : 93954.2/8

Left In: 17.039+/-0.004 χ^2/NDF : 1375532.9/24

16.406+/-0.002 χ^2/NDF : 2958037.5/70

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 35.012 ± 68.254 χ^2/NDF : 0.6/10

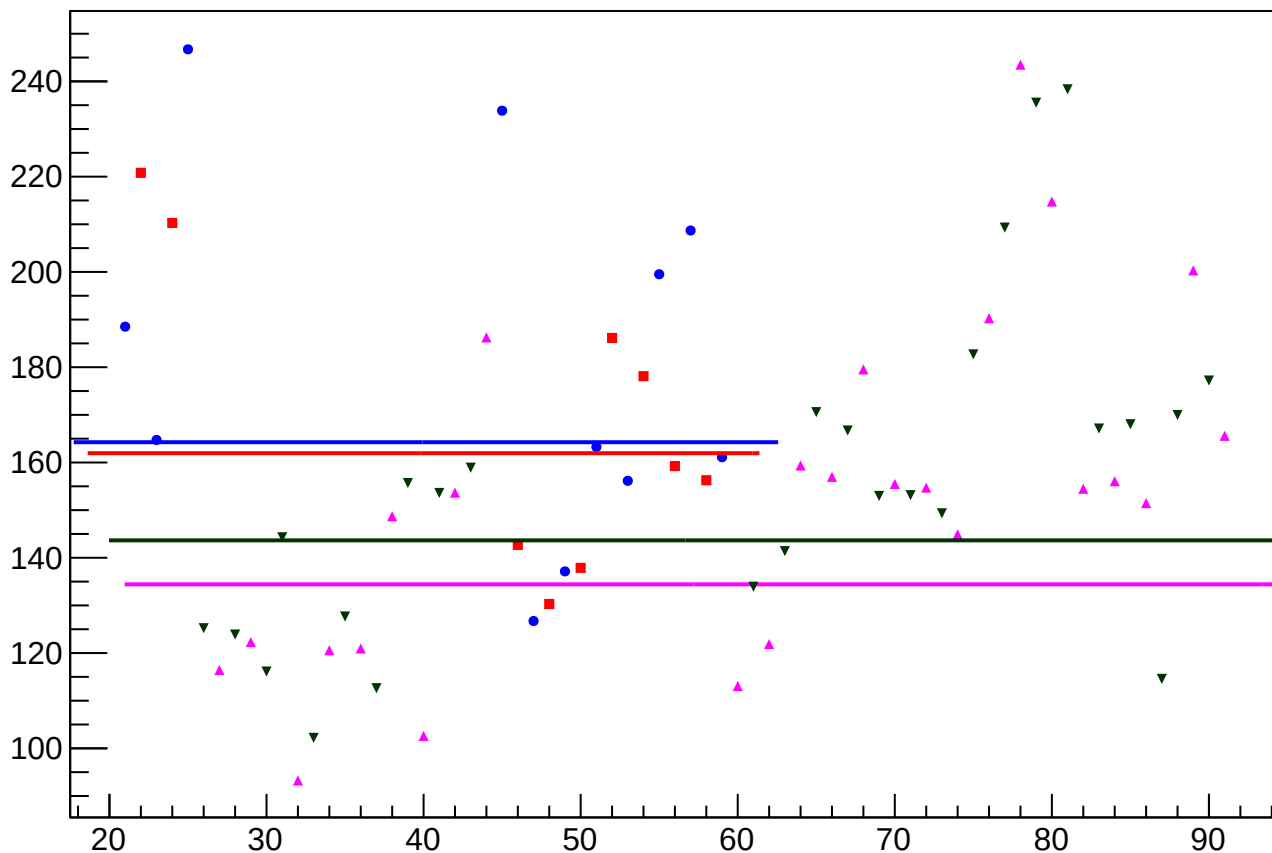
Left Out: -4.280 ± 41.220 χ^2/NDF : 66.5/25

Right Out: -86.742 ± 77.395 χ^2/NDF : 3.5/8

Left In: 24.257 ± 37.321 χ^2/NDF : 2.2/24

4.698 ± 24.339 χ^2/NDF : 74.7/70

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 164.259+/-0.048 χ^2/NDF : 404260.6/10

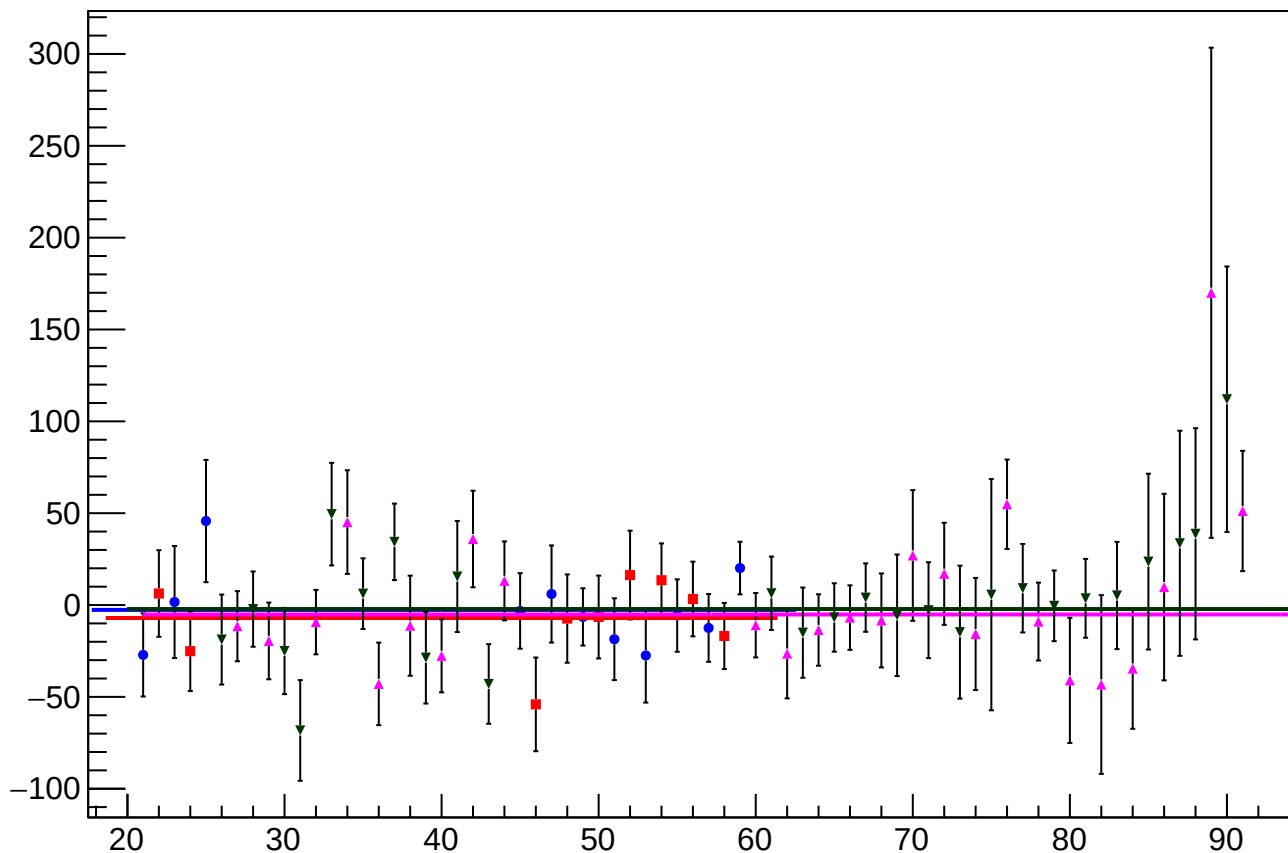
Left Out: 143.657+/-0.029 χ^2/NDF : 1026460.3/25

Right Out: 161.953+/-0.055 χ^2/NDF : 269679.4/8

Left In: 134.423+/-0.026 χ^2/NDF : 1429888.9/24

144.159+/-0.017 χ^2/NDF : 3545854.4/70

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -2.638 ± 6.230 χ^2/NDF : 7.8/10

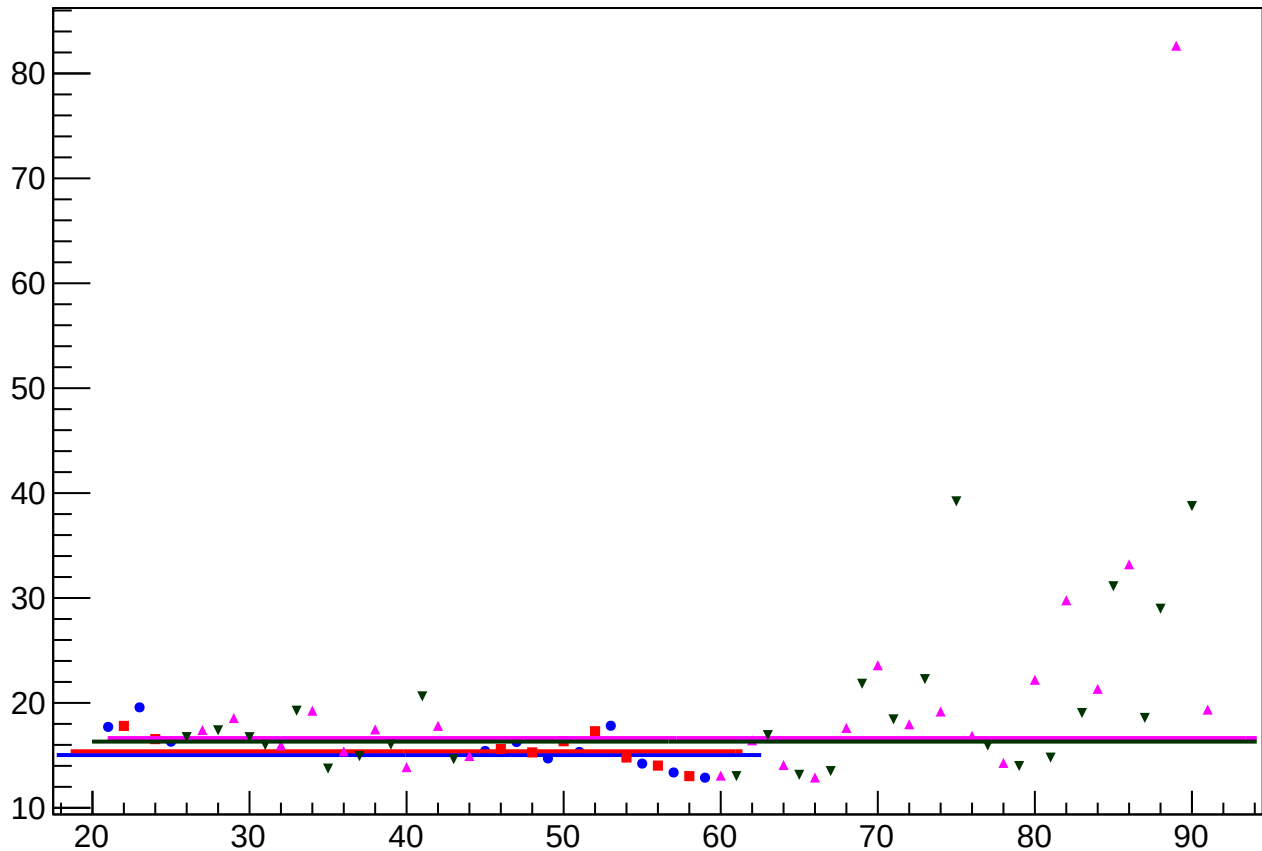
Left Out: -2.173 ± 4.963 χ^2/NDF : 23.7/25

Right Out: -7.061 ± 7.282 χ^2/NDF : 7.0/8

Left In: -5.141 ± 4.878 χ^2/NDF : 27.2/24

-3.972 ± 2.803 χ^2/NDF : 66.0/70

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.031 $\pm$ 0.004 χ^2 /NDF: 170648.4/10

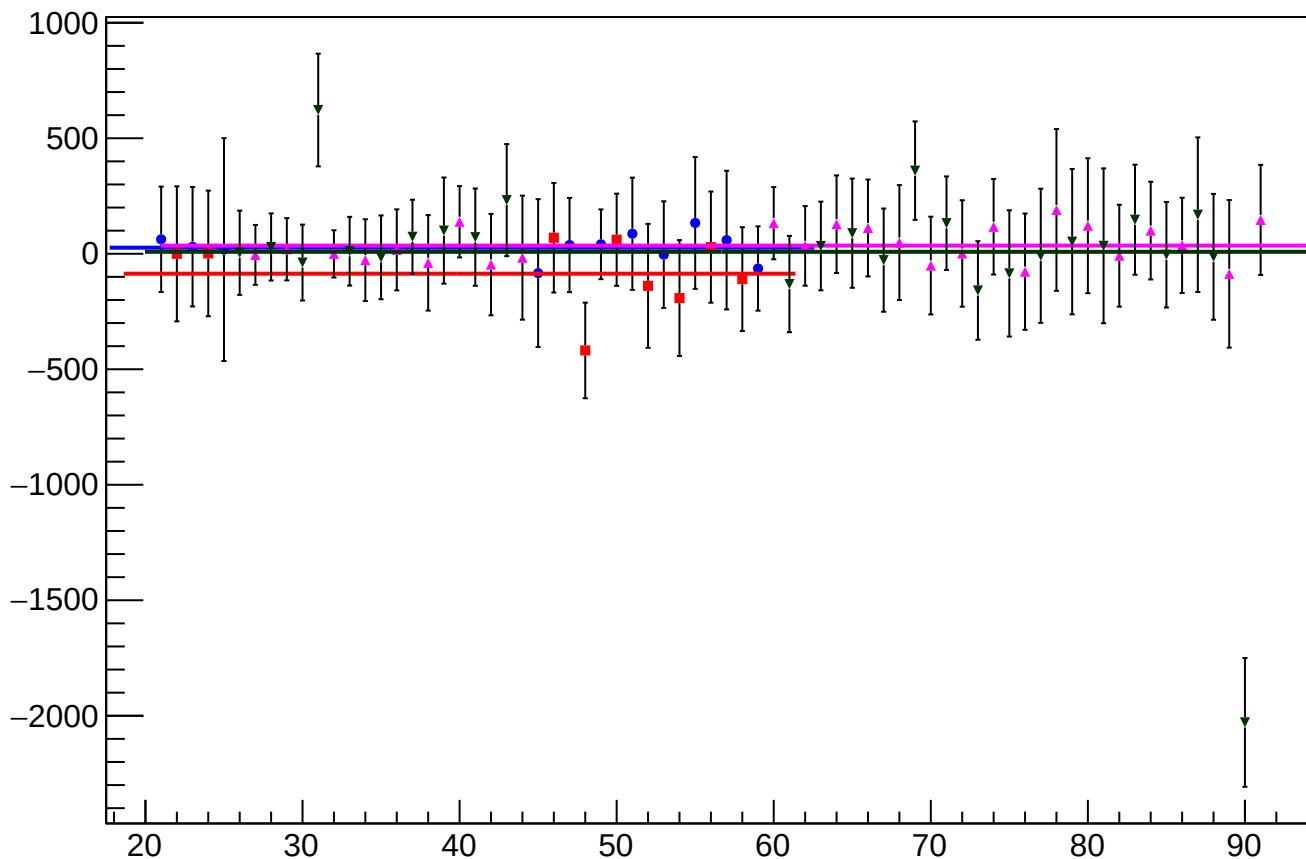
Left Out: 16.313 $\pm$ 0.004 χ^2 /NDF: 1215303.8/25

Right Out: 15.392 $\pm$ 0.005 χ^2 /NDF: 88337.5/8

Left In: 16.651 $\pm$ 0.003 χ^2 /NDF: 1391641.5/24

16.029 $\pm$ 0.002 χ^2 /NDF: 2971617.2/70

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 26.315+/-69.797 χ^2/NDF : 0.6/10

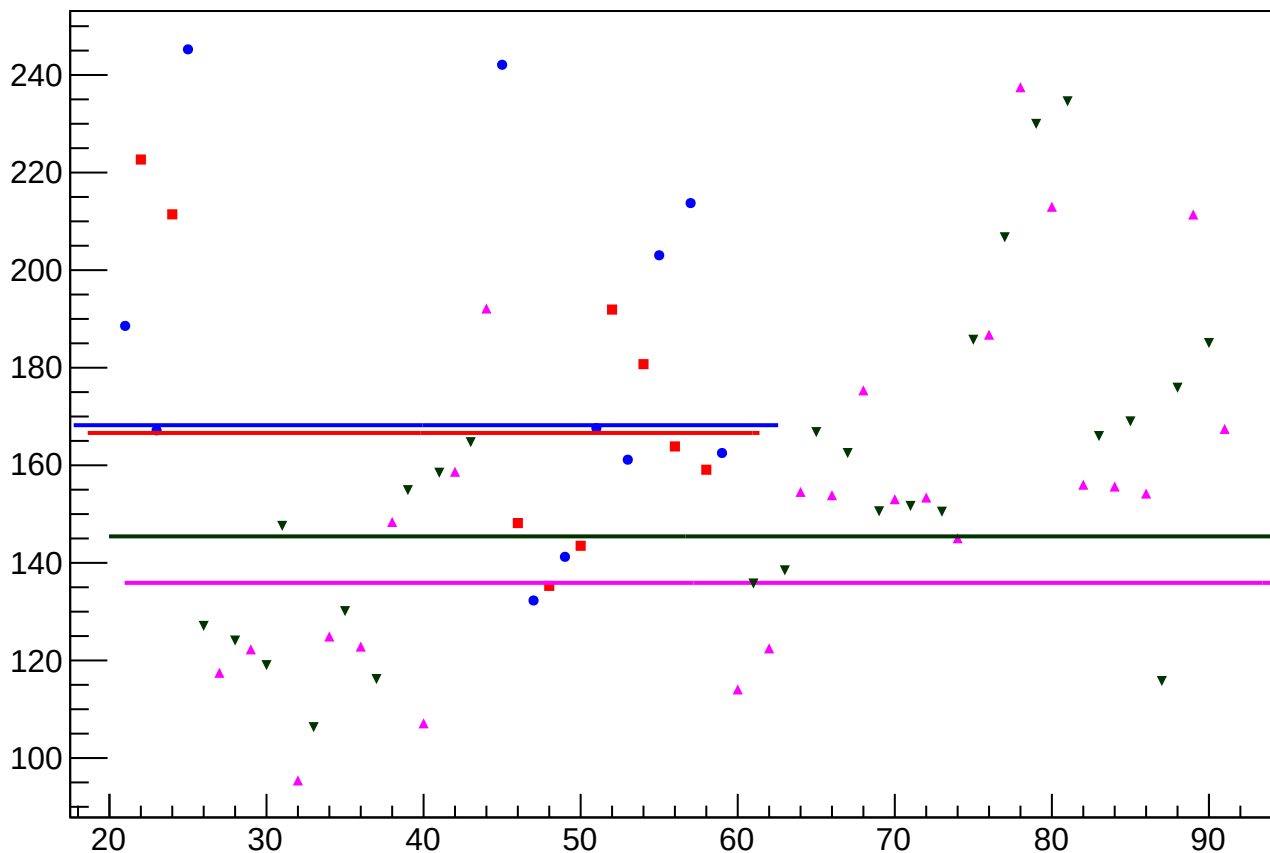
Left Out: 8.450+/-41.627 χ^2/NDF : 66.1/25

Right Out: -86.254+/-79.474 χ^2/NDF : 4.2/8

Left In: 35.291+/-37.671 χ^2/NDF : 3.2/24

13.061+/-24.653 χ^2/NDF : 76.1/70

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 168.218+/-0.049 χ^2/NDF : 379082.6/10

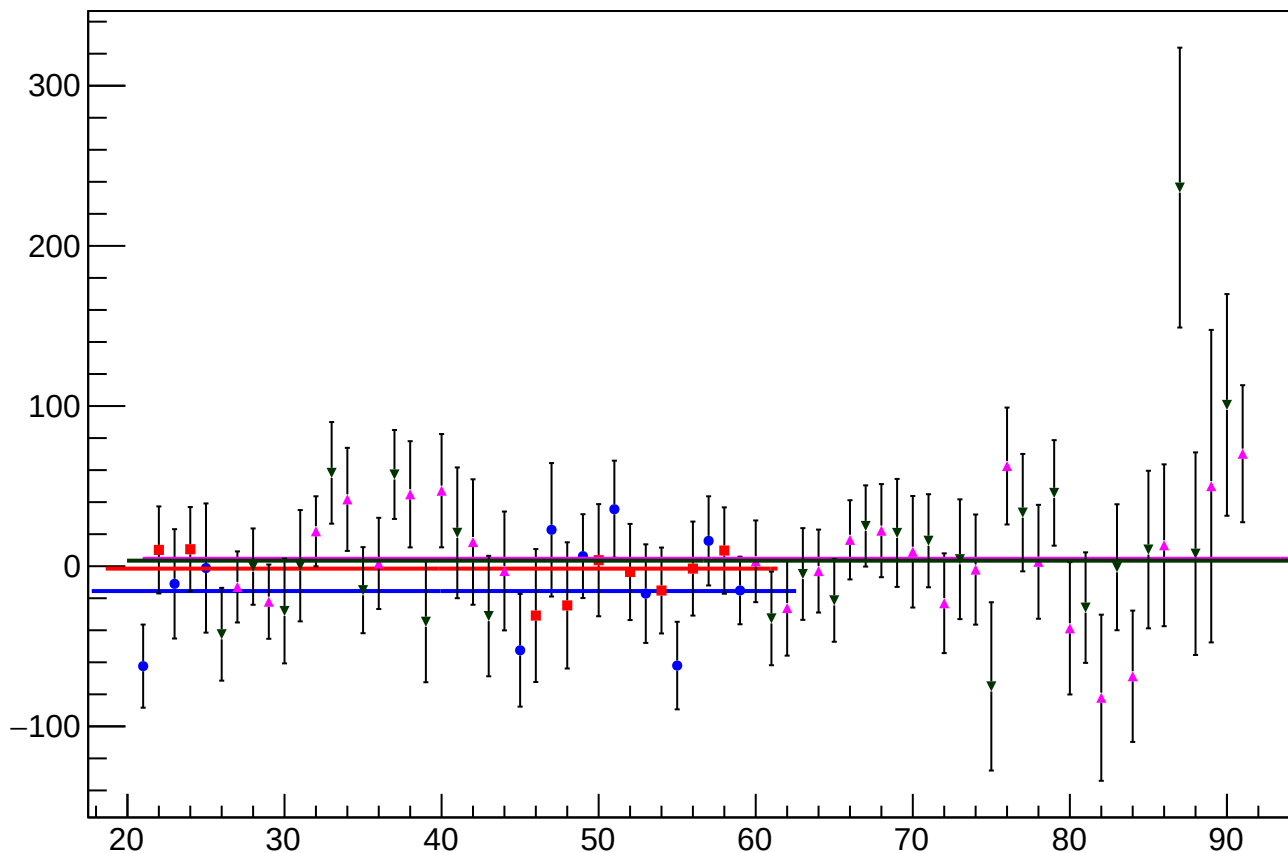
Left Out: 145.430+/-0.029 χ^2/NDF : 932987.5/25

Right Out: 166.629+/-0.056 χ^2/NDF : 239326.6/8

Left In: 135.903+/-0.027 χ^2/NDF : 1325964.9/24

146.233+/-0.017 χ^2/NDF : 3358644.3/70

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -15.512 ± 8.831 χ^2/NDF : 13.1/10

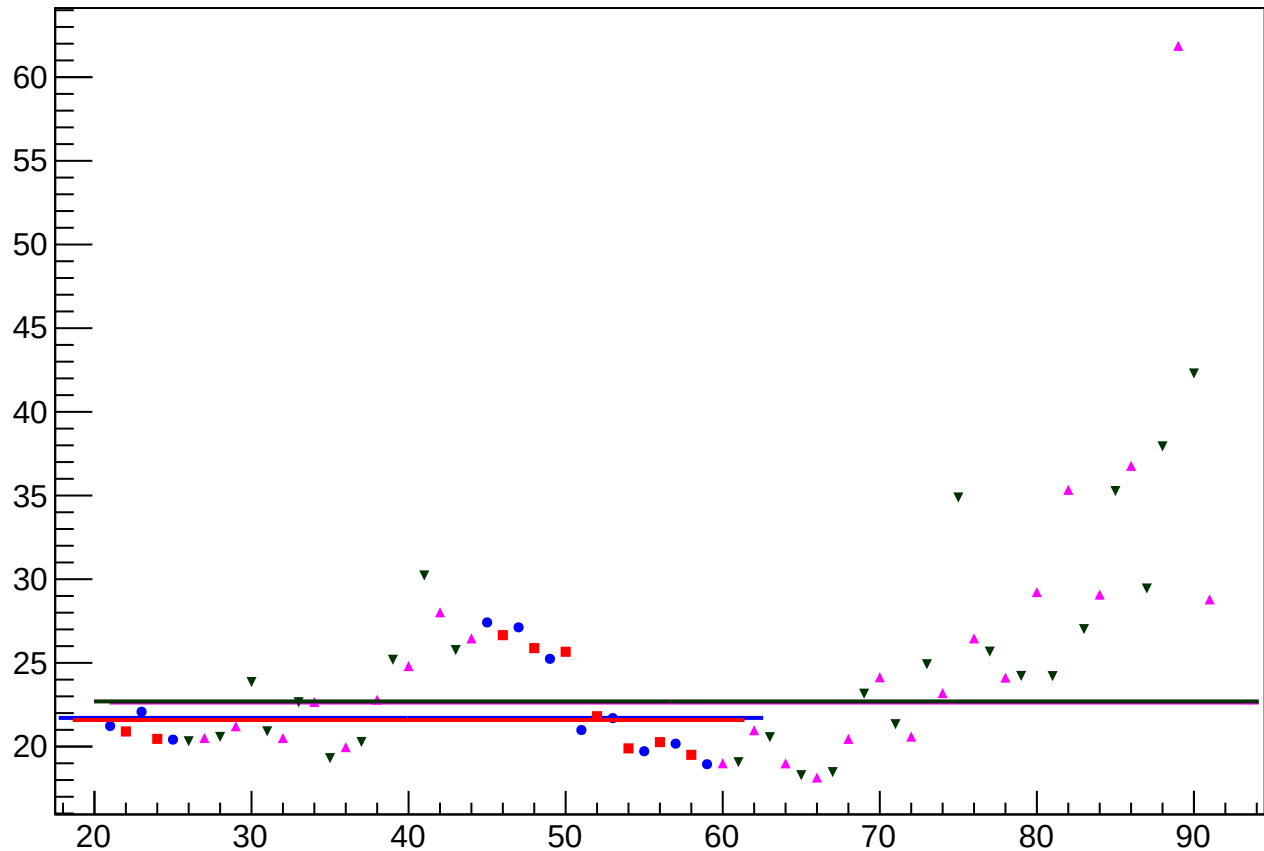
Left Out: 3.461 ± 6.574 χ^2/NDF : 30.8/25

Right Out: -1.512 ± 10.064 χ^2/NDF : 1.7/8

Left In: 4.633 ± 6.313 χ^2/NDF : 21.8/24

-0.247 ± 3.755 χ^2/NDF : 71.3/70

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.713+/-0.006 χ^2/NDF : 177921.6/10

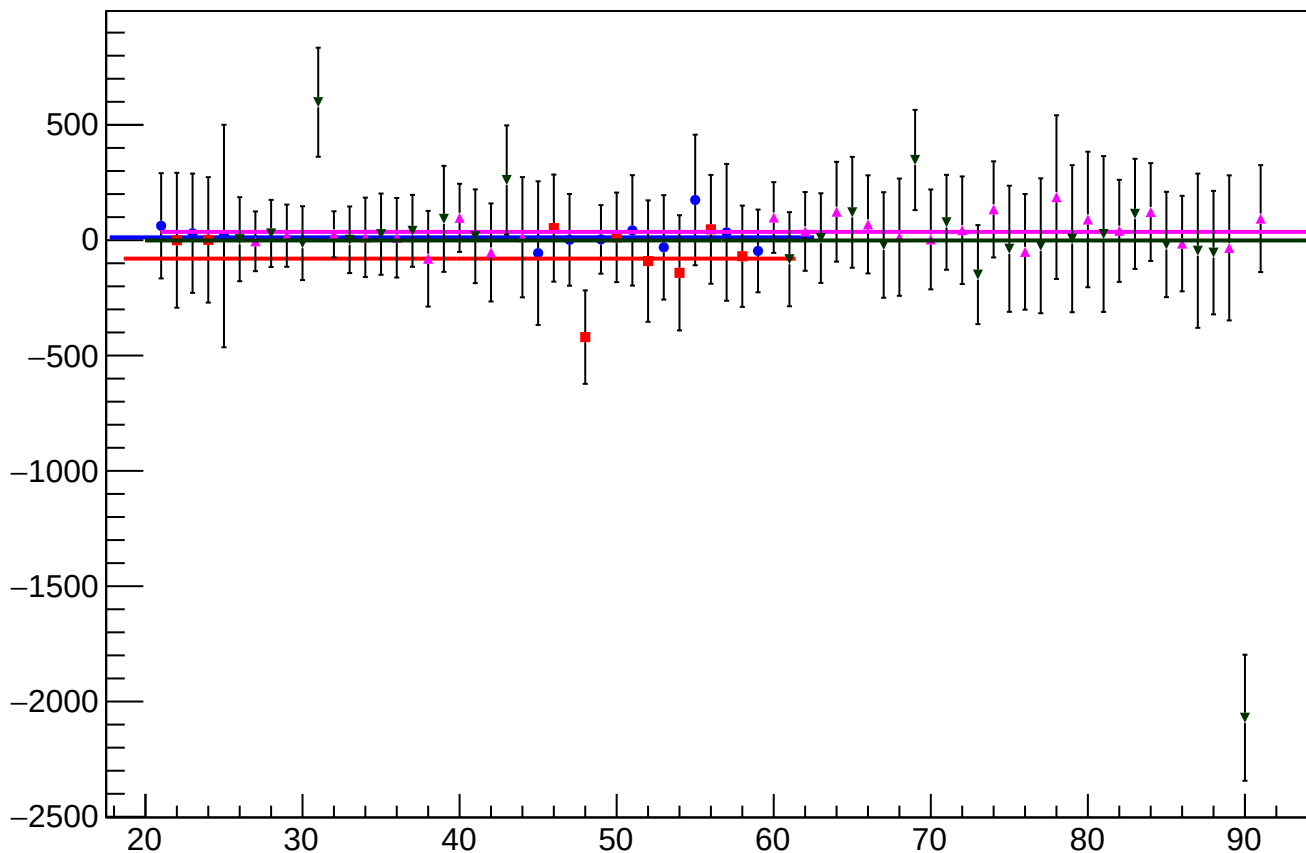
Left Out: 22.697+/-0.005 χ^2/NDF : 913885.0/25

Right Out: 21.585+/-0.007 χ^2/NDF : 109745.3/8

Left In: 22.629+/-0.004 χ^2/NDF : 1072985.5/24

22.340+/-0.003 χ^2/NDF : 2305989.6/70

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 12.346+/-68.799 χ^2/NDF : 0.6/10

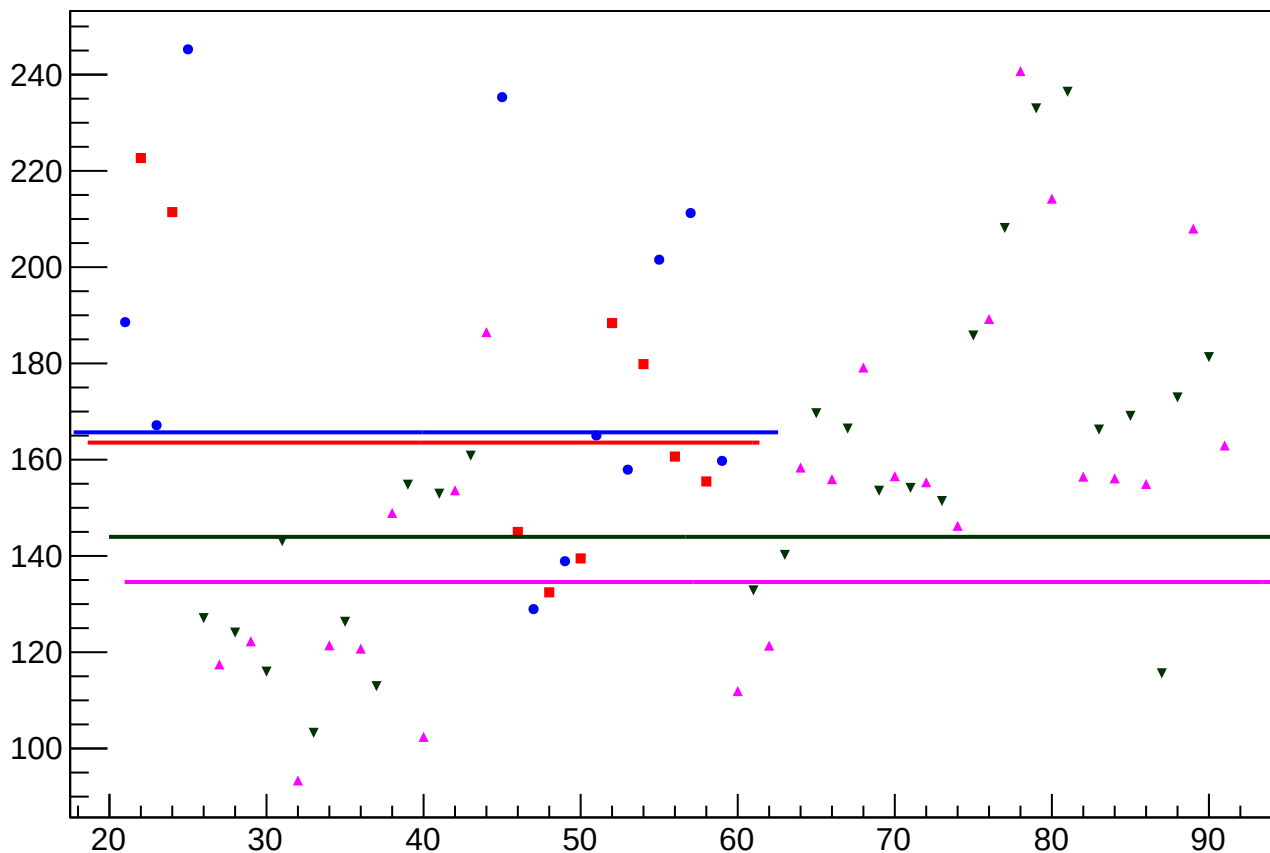
Left Out: -1.097+/-41.284 χ^2/NDF : 69.3/25

Right Out: -79.832+/-78.129 χ^2/NDF : 3.9/8

Left In: 36.031+/-37.362 χ^2/NDF : 2.1/24

8.758+/-24.411 χ^2/NDF : 77.7/70

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

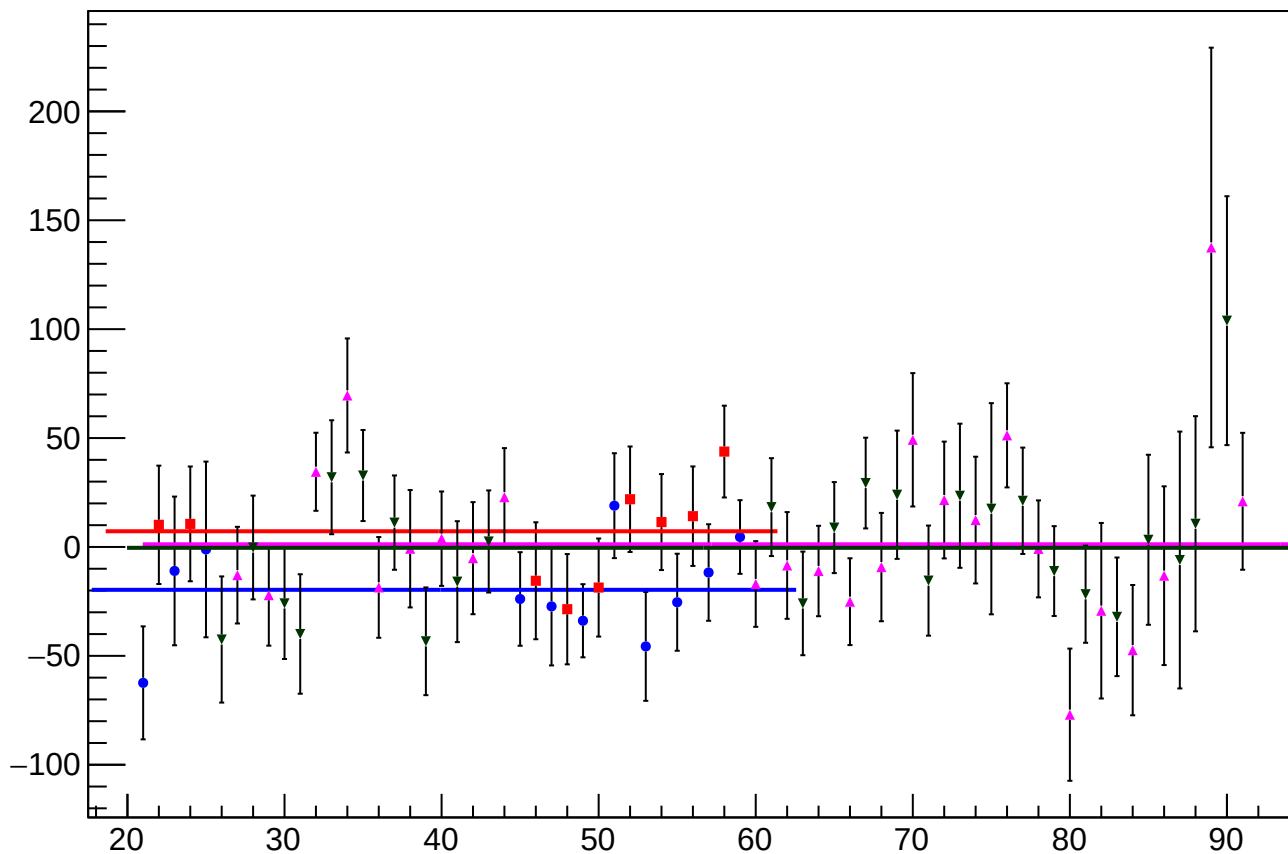
Left Out: 143.968 $\pm$ 0.029 χ^2 /NDF: 1017987.4/25

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

144.609 $\pm$ 0.017 χ^2 /NDF: 3562205.8/70

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -19.678 ± 6.916 χ^2/NDF : 9.7/10

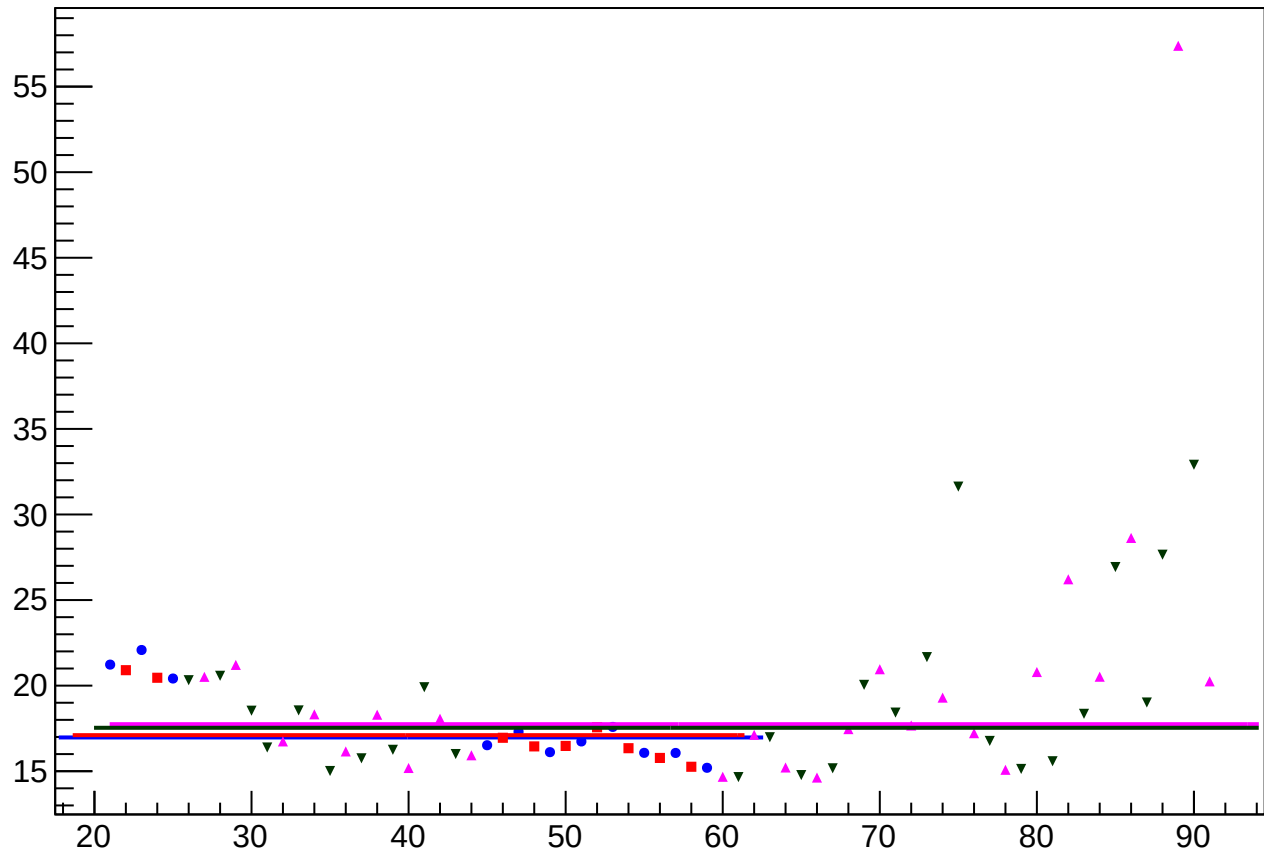
Left Out: -0.398 ± 5.137 χ^2/NDF : 25.4/25

Right Out: 7.202 ± 7.994 χ^2/NDF : 7.6/8

Left In: 1.232 ± 5.001 χ^2/NDF : 36.9/24

-2.311 ± 2.956 χ^2/NDF : 87.9/70

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.971 $\pm$ 0.005 χ^2 /NDF: 149607.5/10

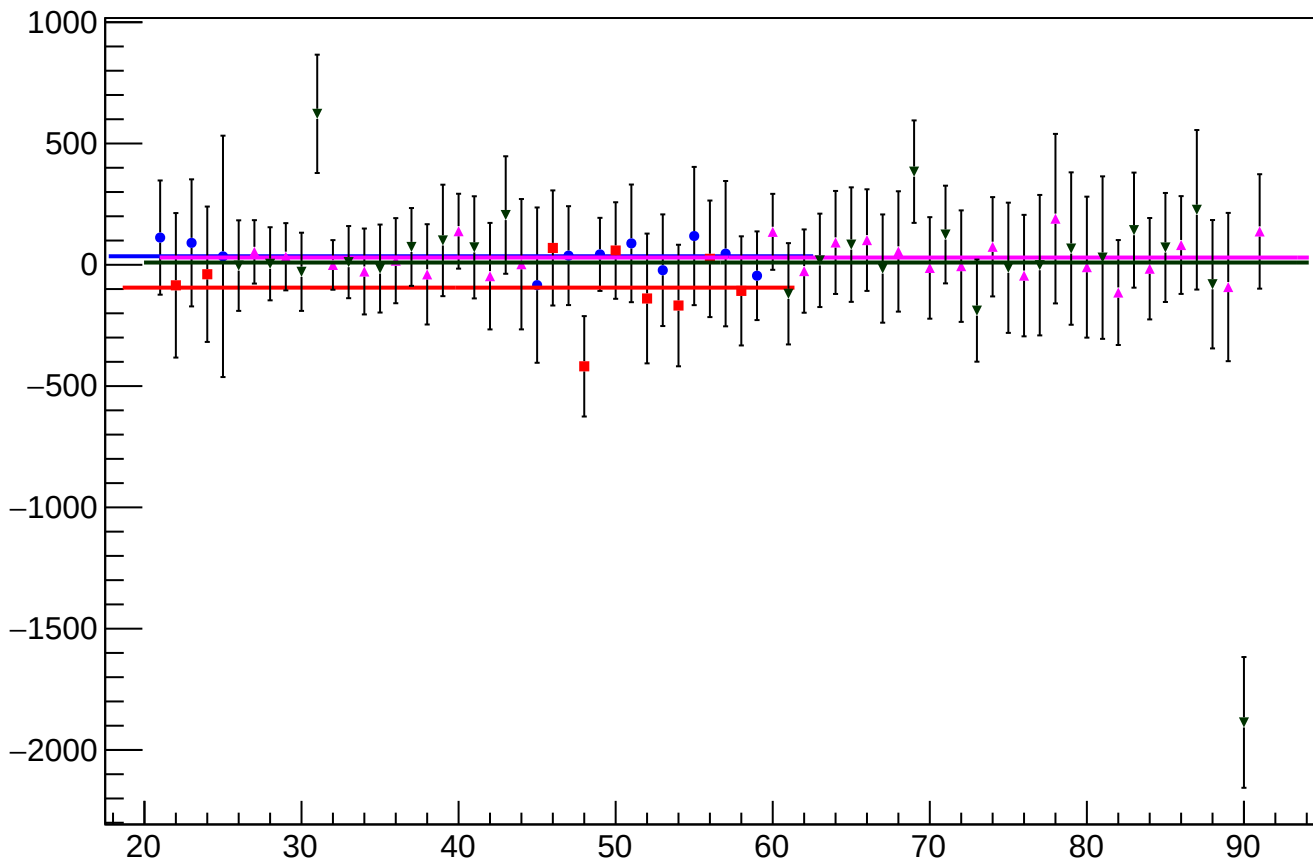
Left Out: 17.537 $\pm$ 0.004 χ^2 /NDF: 835583.3/25

Right Out: 17.106 $\pm$ 0.006 χ^2 /NDF: 99682.5/8

Left In: 17.748 $\pm$ 0.004 χ^2 /NDF: 973277.5/24

17.449 $\pm$ 0.002 χ^2 /NDF: 2079117.8/70

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 35.167 $\pm$ 70.045 χ^2 /NDF: 0.7/10

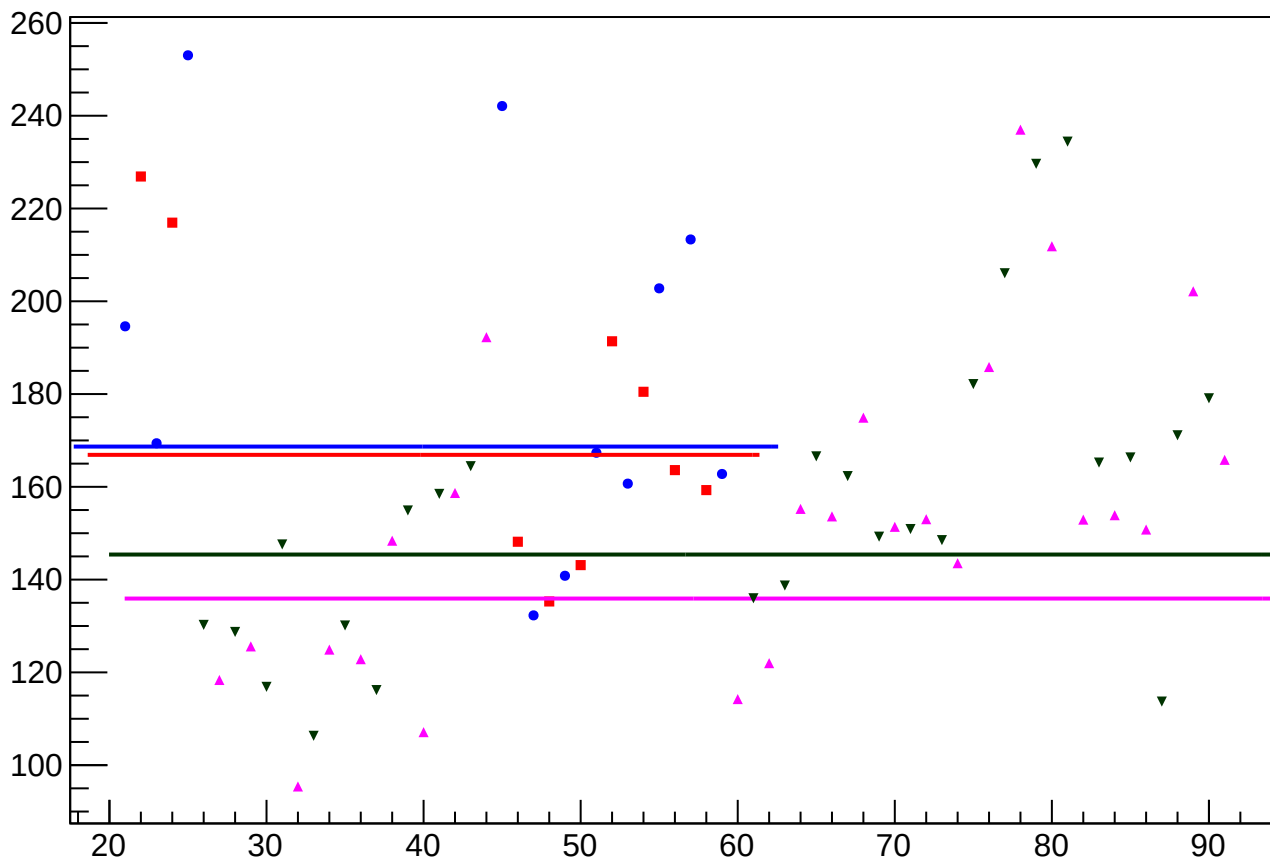
Left Out: 9.321 $\pm$ 41.579 χ^2 /NDF:62.8/25

Right Out: -94.126 $\pm$ 79.688 χ^2 /NDF: 3.9/8

Left In: 29.940 $\pm$ 37.642 χ^2 /NDF:3.1/24

11.466 $\pm$ 24.652 χ^2 /NDF: 72.6/70

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 168.678+/-0.050 χ^2/NDF : 396671.8/10

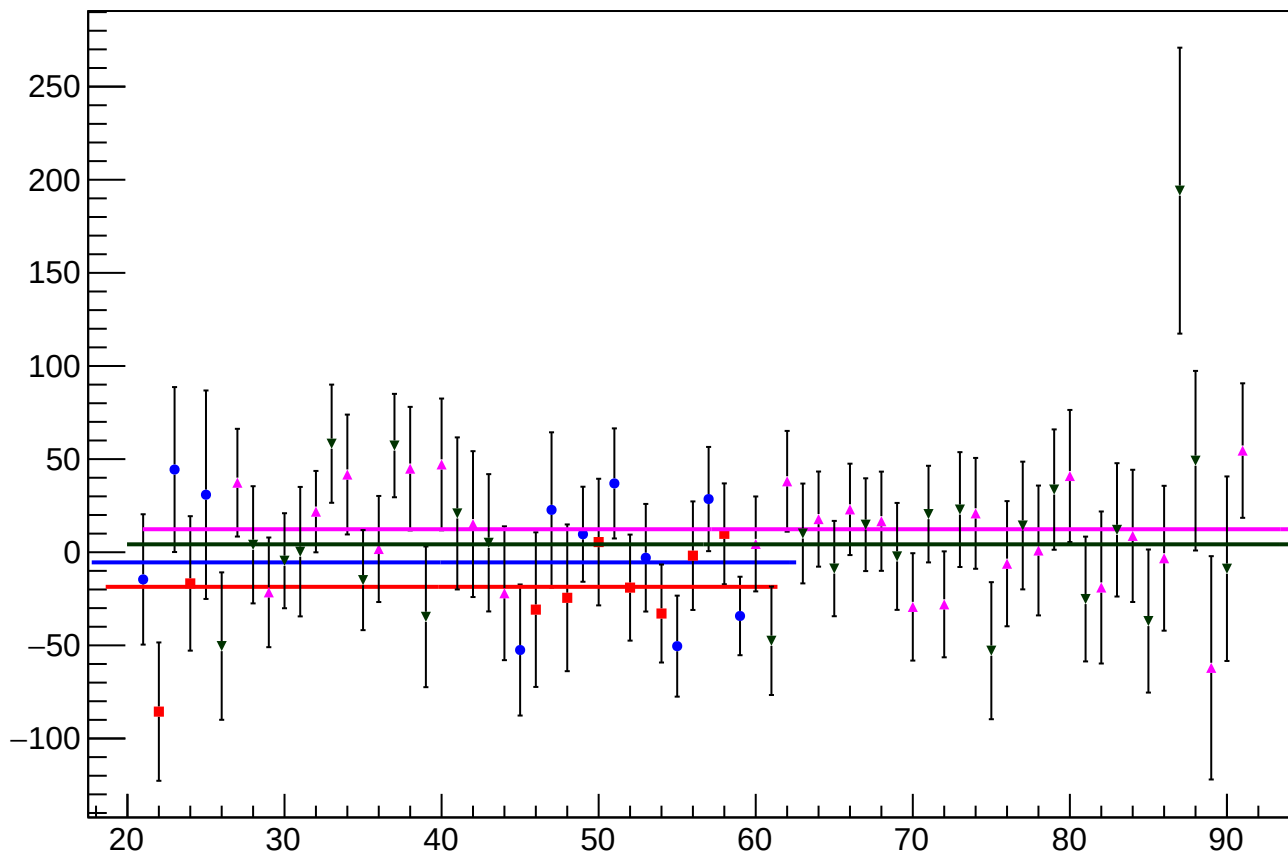
Left Out: 145.404+/-0.029 χ^2/NDF : 889641.6/25

Right Out: 166.894+/-0.056 χ^2/NDF : 258482.5/8

Left In: 135.915+/-0.027 χ^2/NDF : 1270516.6/24

146.274+/-0.017 χ^2/NDF : 3306168.0/70

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -5.444 ± 9.206 χ^2/NDF : 12.5/10

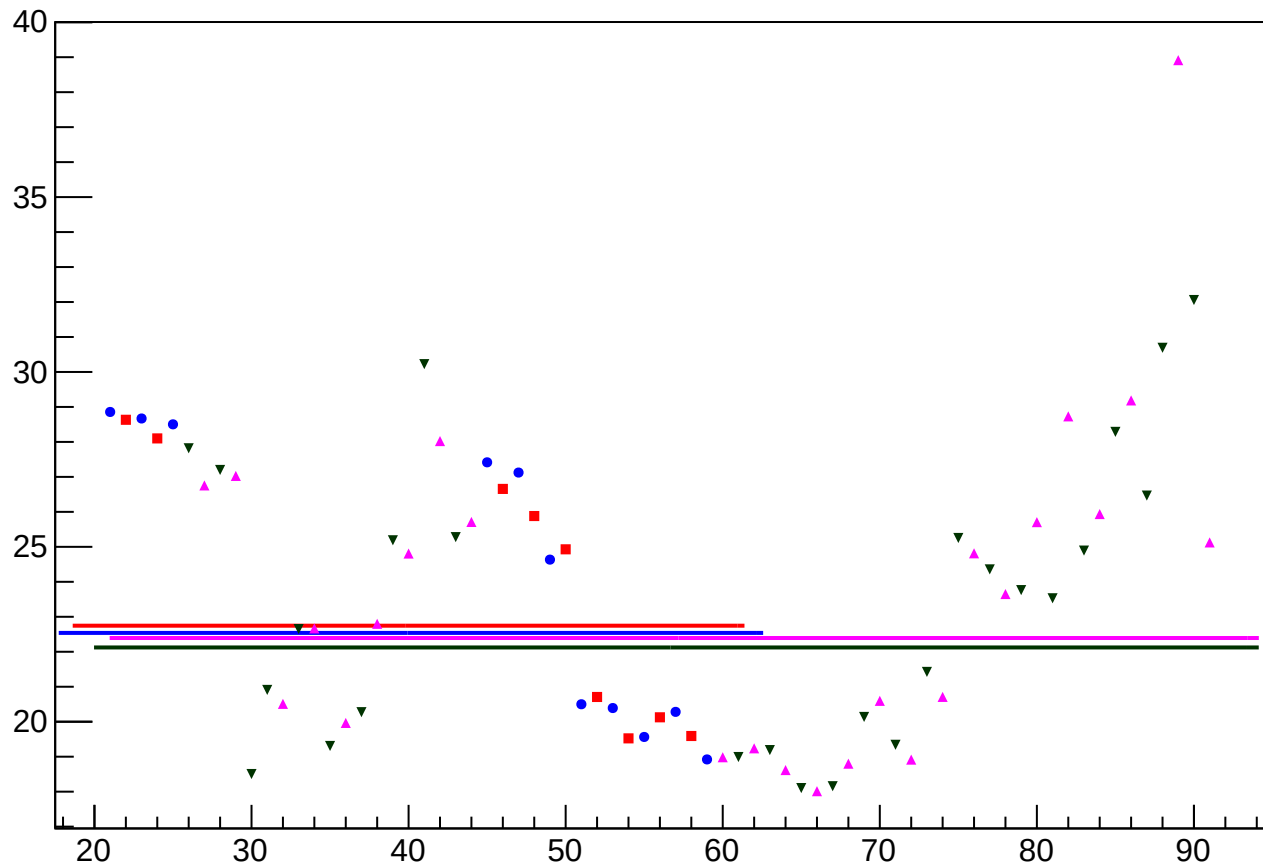
Left Out: 4.250 ± 6.313 χ^2/NDF : 27.1/25

2.852 ± 3.723 χ^2/NDF : 68.8/70

Right Out: -18.572 ± 10.658 χ^2/NDF : 5.6/8

Left In: 12.352 ± 6.147 χ^2/NDF : 16.3/24

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 22.539+/-0.007 χ^2/NDF : 318991.9/10

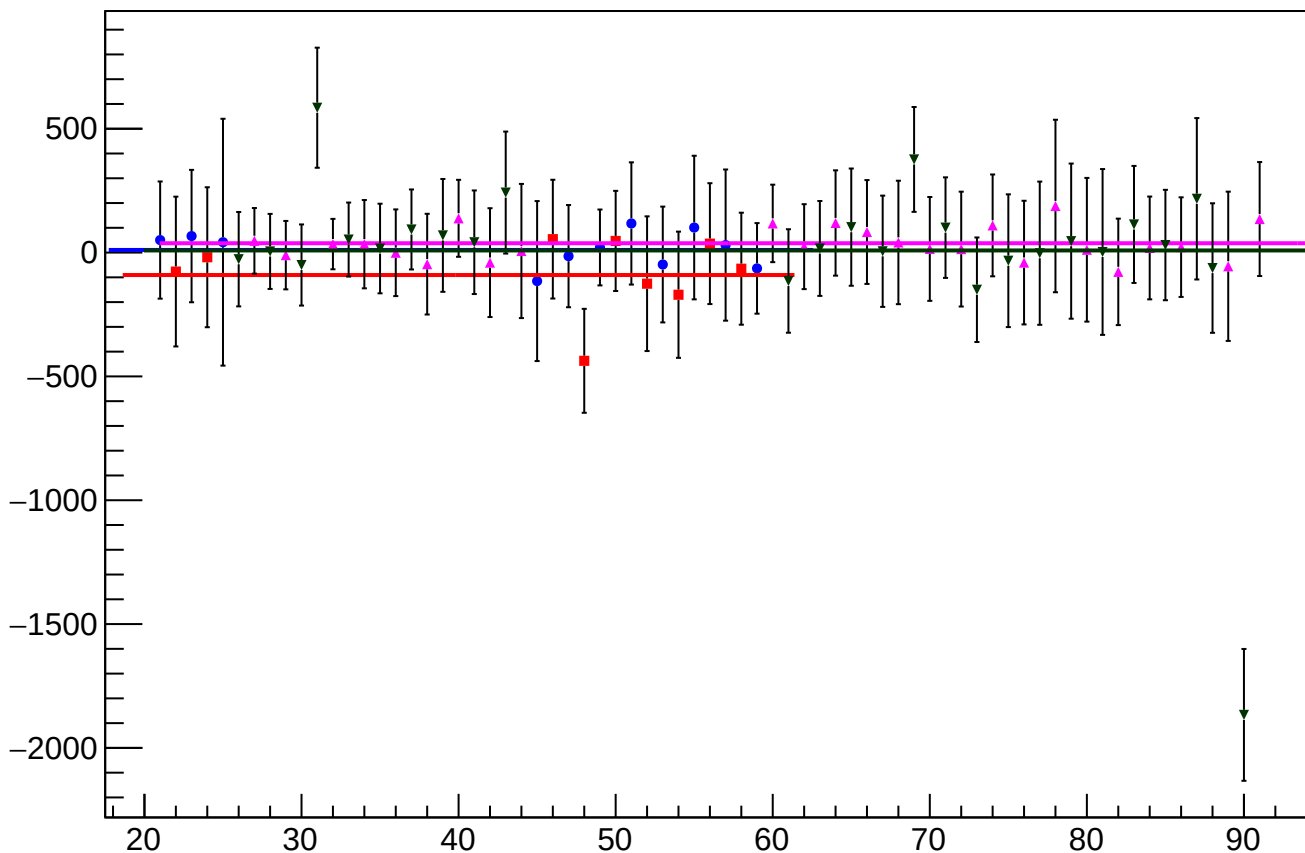
Left Out: 22.123+/-0.004 χ^2/NDF : 700060.6/25

Right Out: 22.745+/-0.008 χ^2/NDF : 216478.4/8

Left In: 22.393+/-0.004 χ^2/NDF : 766456.7/24

22.366+/-0.003 χ^2/NDF : 2008231.3/70

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 10.591 $\pm$ 70.922 χ^2 /NDF: 0.8/10

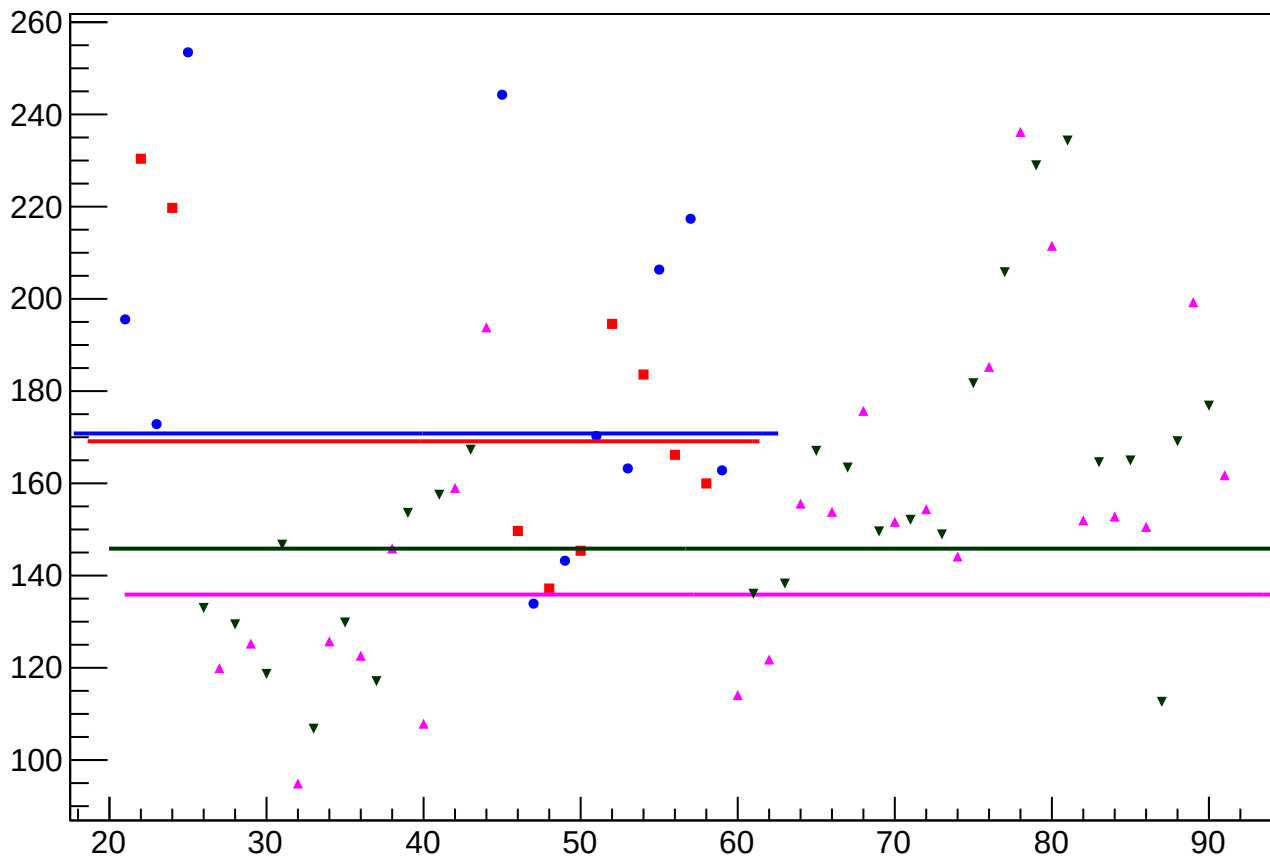
Left Out: 8.565 $\pm$ 41.676 χ^2 /NDF: 61.8/25

Right Out: -90.650 $\pm$ 80.770 χ^2 /NDF: 4.0/8

Left In: 37.692 $\pm$ 37.619 χ^2 /NDF: 2.4/24

12.099 $\pm$ 24.735 χ^2 /NDF: 71.1/70

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 170.818 ± 0.050 $\chi^2/\text{NDF}: 391842.8/10$

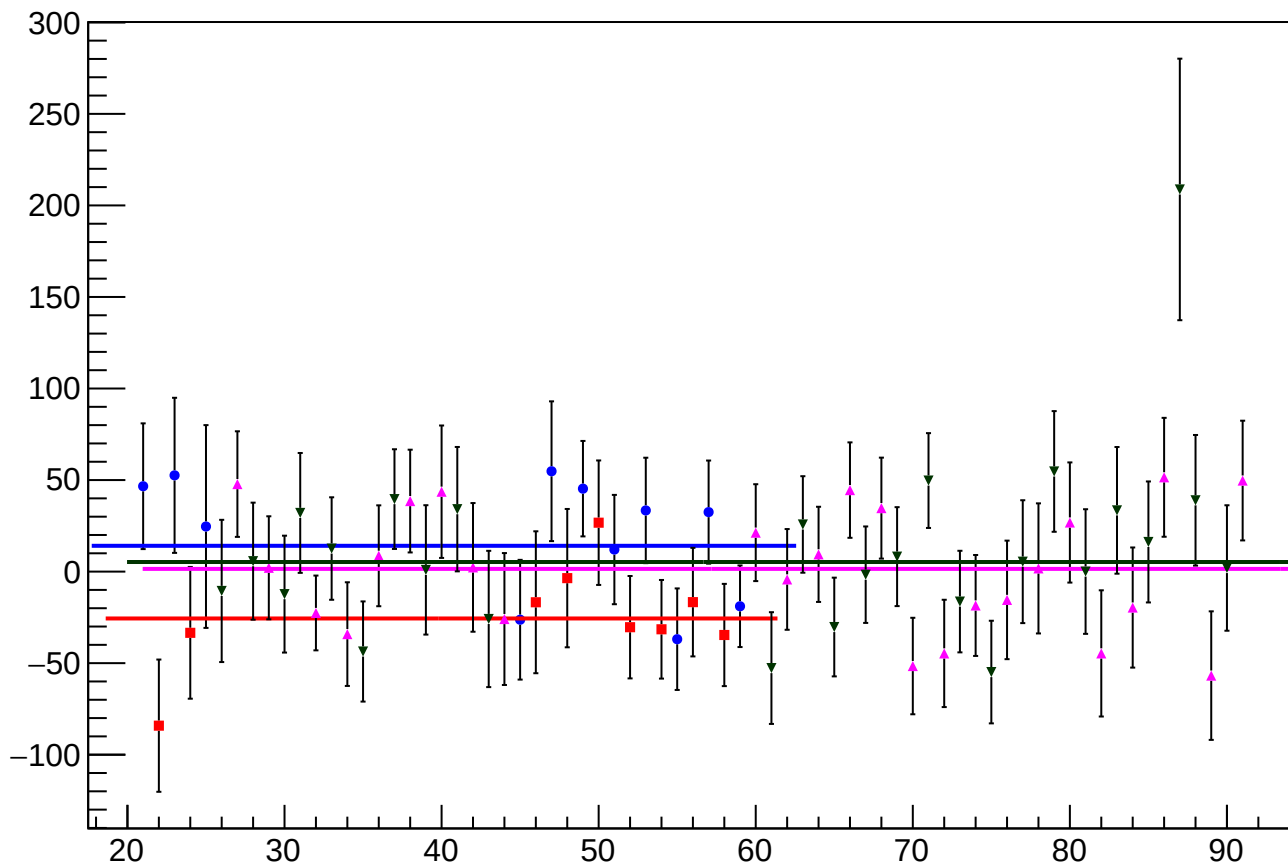
Left Out: 145.840 ± 0.029 $\chi^2/\text{NDF}: 859227.1/25$

Right Out: 169.116 ± 0.057 $\chi^2/\text{NDF}: 260793.4/8$

Left In: 135.883 ± 0.027 $\chi^2/\text{NDF}: 1258241.2/24$

146.757 ± 0.017 $\chi^2/\text{NDF}: 3321620.8/70$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.094 ± 9.233 $\chi^2/\text{NDF}: 12.3/10$

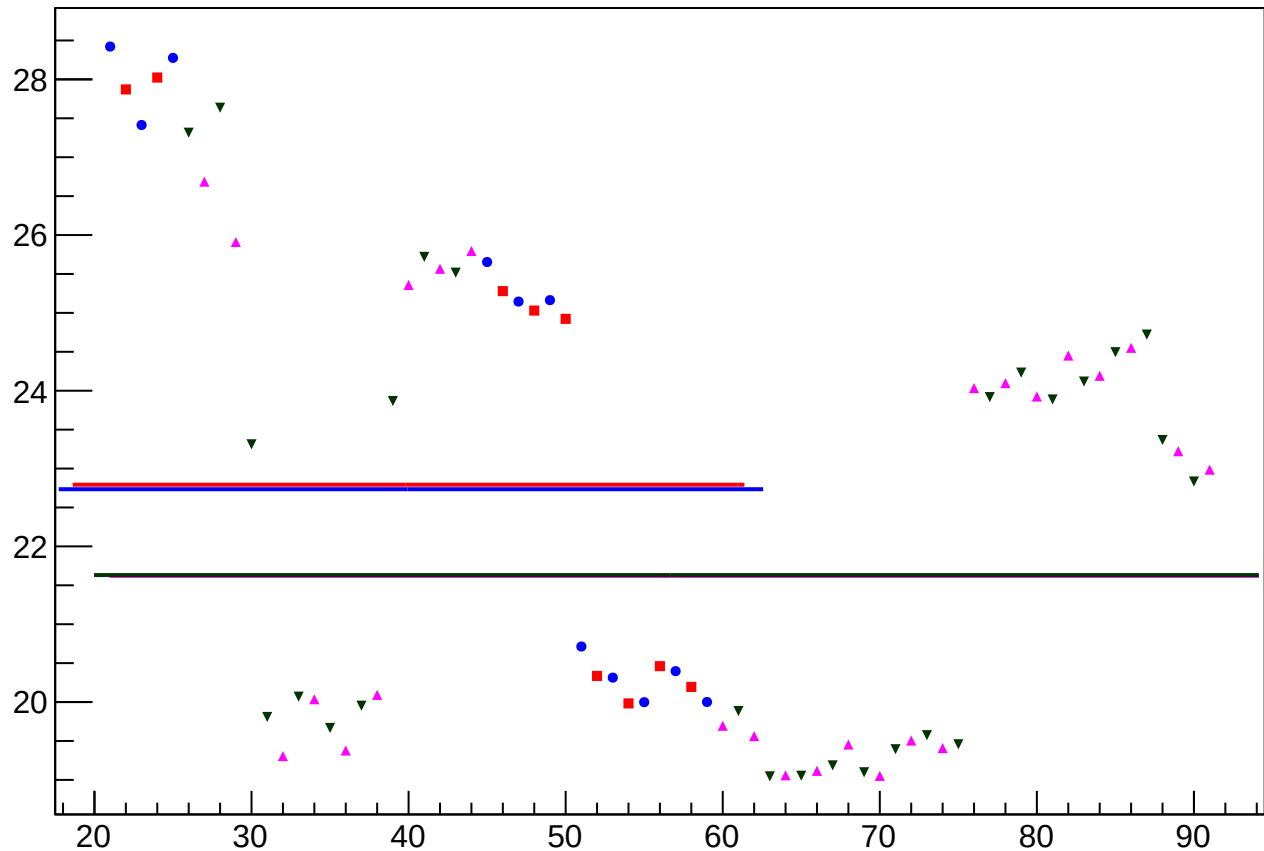
Left Out: 5.241 ± 6.094 $\chi^2/\text{NDF}: 33.7/25$

1.607 ± 3.612 $\chi^2/\text{NDF}: 92.1/70$

Right Out: -25.598 ± 10.631 $\chi^2/\text{NDF}: 5.7/8$

Left In: 1.482 ± 5.859 $\chi^2/\text{NDF}: 31.6/24$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 22.734+/-0.007 χ^2 /NDF: 227265.6/10

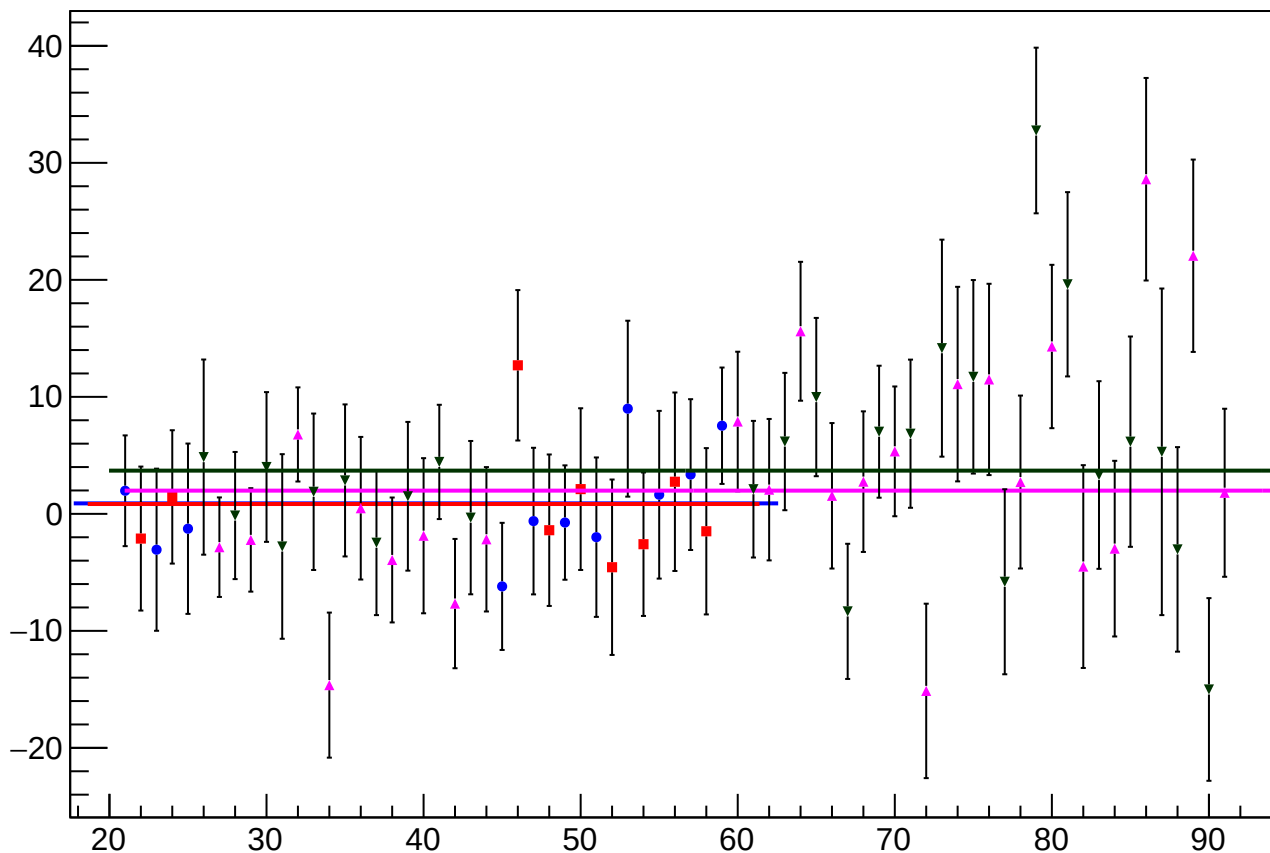
Left Out: 21.631+/-0.004 χ^2 /NDF:391793.3/25

Right Out: 22.792+/-0.008 χ^2 /NDF: 171809.2/8

Left In: 21.621+/-0.004 χ^2 /NDF:427633.8/24

21.931+/-0.003 χ^2 /NDF: 1257196.8/70

diff_bpm12X_mean vs slug



Right In: 0.896 ± 1.800 χ^2/NDF : 5.6/10

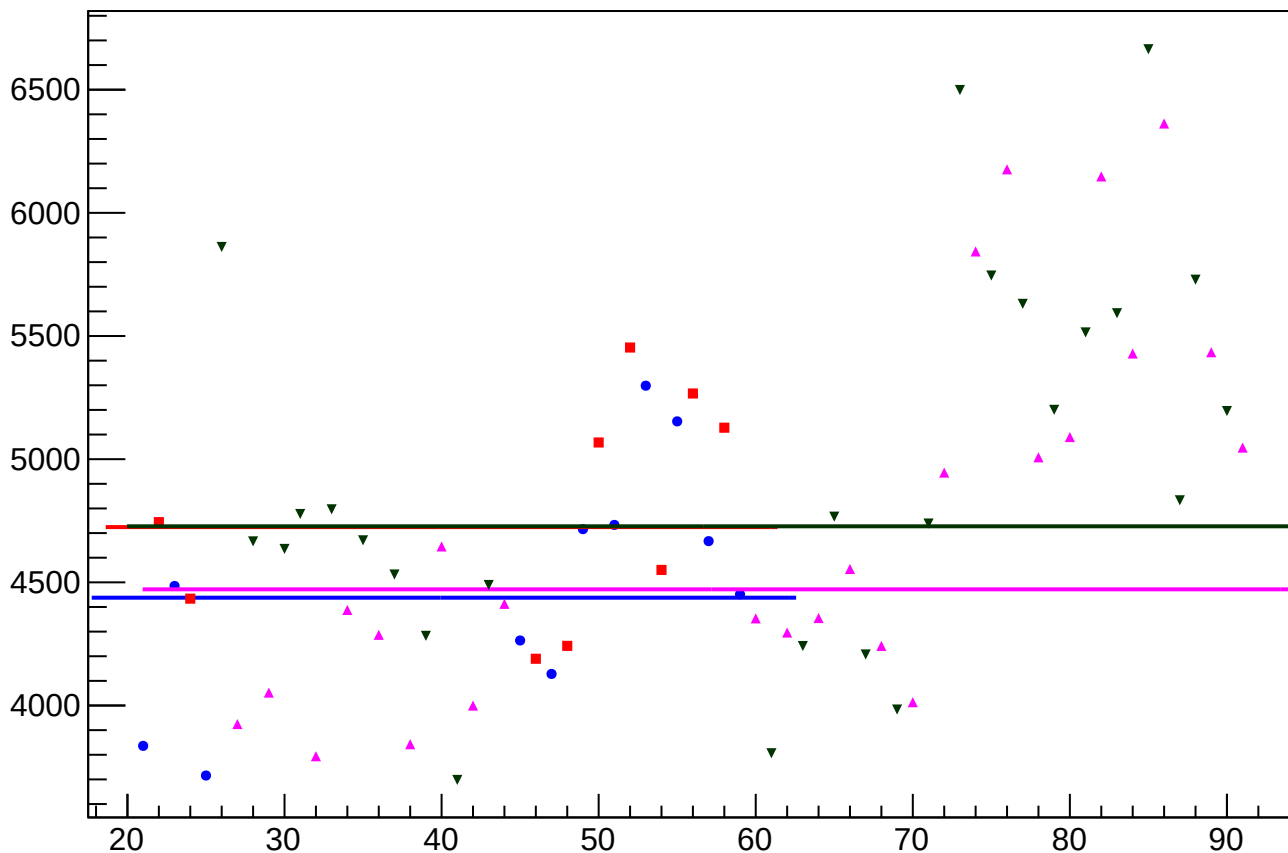
Left Out: 3.695 ± 1.338 χ^2/NDF : 39.9/25

Right Out: 0.841 ± 2.195 χ^2/NDF : 4.8/8

Left In: 1.986 ± 1.219 χ^2/NDF : 49.9/24

2.203 ± 0.756 χ^2/NDF : 102.4/70

diff_bpm12X_rms vs slug



Right In: 4437.698+/-1.272 χ^2/NDF : 117960.0/10

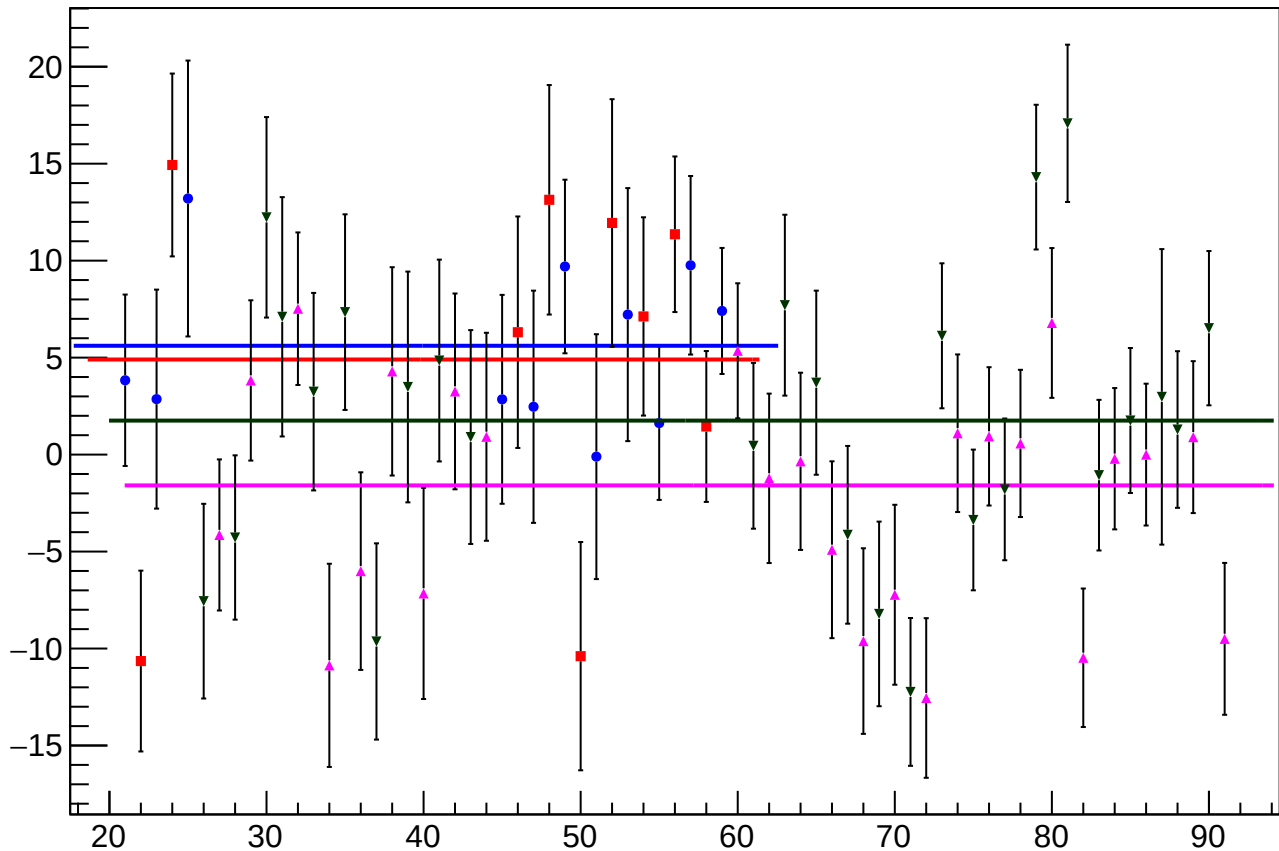
Left Out: 4727.491+/-0.946 χ^2/NDF : 563968.9/25

Right Out: 4724.306+/-1.552 χ^2/NDF : 72165.1/8

Left In: 4471.645+/-0.862 χ^2/NDF : 592817.6/24

4577.400+/-0.535 χ^2/NDF : 1408129.7/70

diff_bpm12Y_mean vs slug



Right In: 5.611 ± 1.460 $\chi^2/\text{NDF}: 5.9/10$

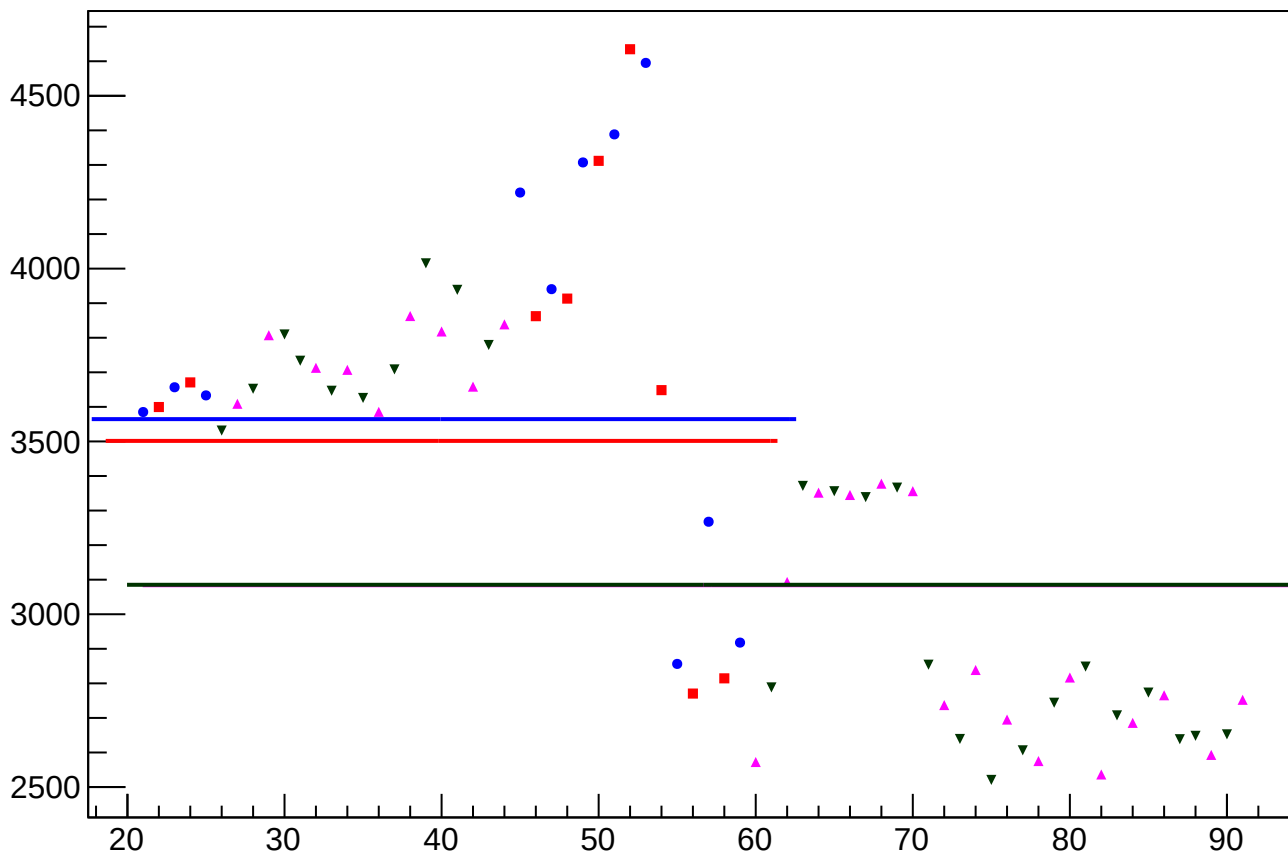
Left Out: 1.753 ± 0.872 $\chi^2/\text{NDF}: 70.5/25$

Right Out: 4.903 ± 1.649 $\chi^2/\text{NDF}: 29.2/8$

Left In: -1.589 ± 0.839 $\chi^2/\text{NDF}: 47.7/24$

1.254 ± 0.529 $\chi^2/\text{NDF}: 178.9/70$

diff_bpm12Y_rms vs slug



Right In: 3564.540+/-1.033 χ^2/NDF : 328793.1/10

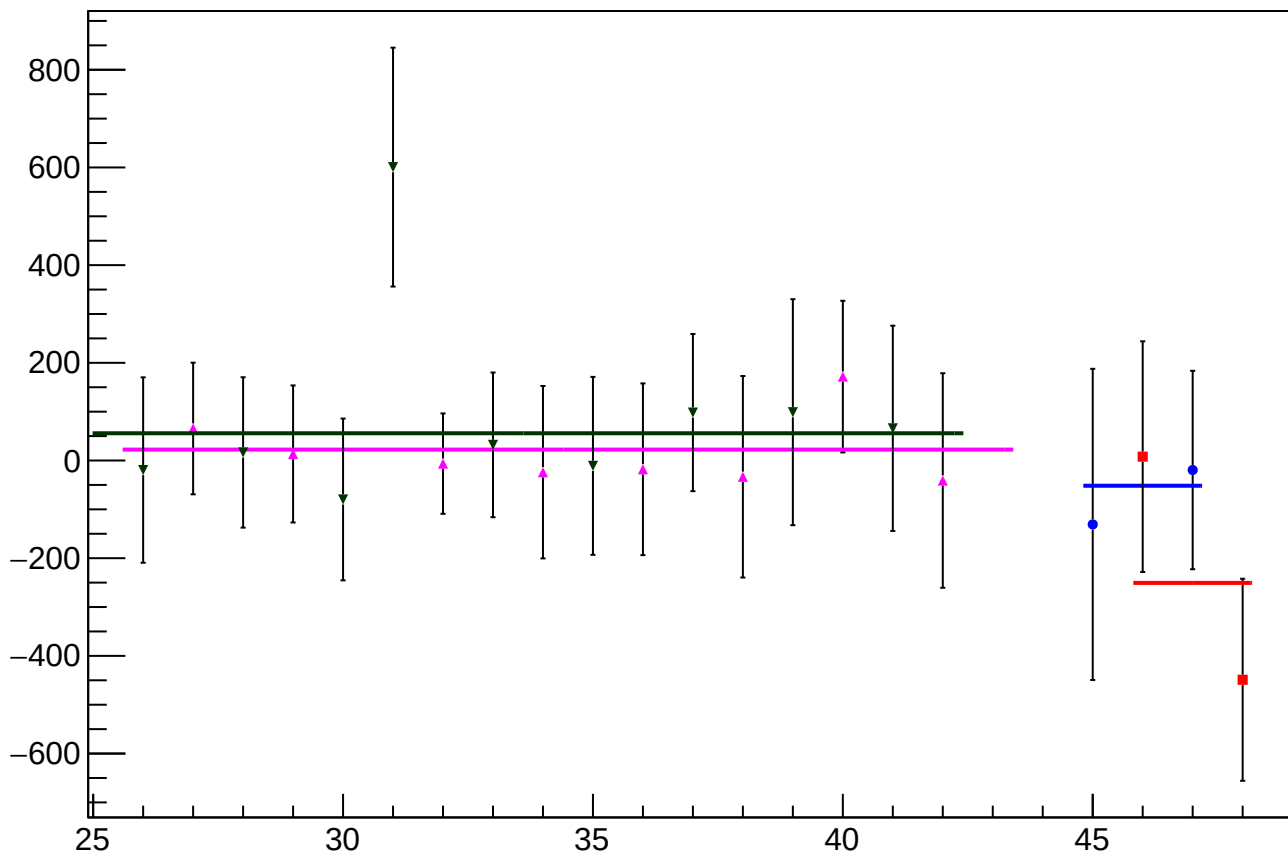
Left Out: 3085.213+/-0.617 χ^2/NDF : 590844.1/25

Right Out: 3501.546+/-1.166 χ^2/NDF : 251919.4/8

Left In: 3083.910+/-0.593 χ^2/NDF : 634090.7/24

3190.446+/-0.374 χ^2/NDF : 2069414.6/70

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 $\pm$ 171.258 χ^2 /NDF: 0.1/1

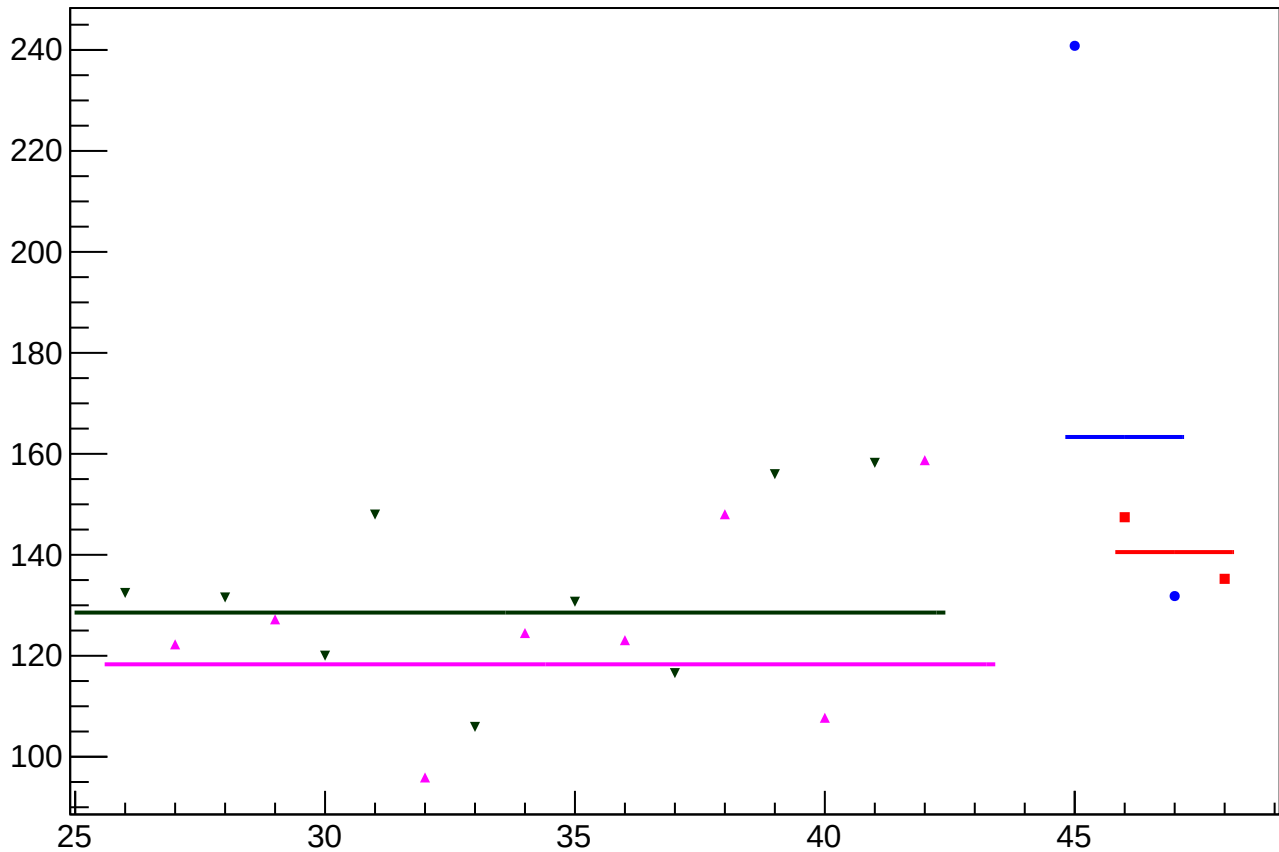
Left Out: 55.788 $\pm$ 59.892 χ^2 /NDF: 6.1/8

Right Out: -250.594 $\pm$ 155.594 χ^2 /NDF: 2.1/1

Left In: 22.351 $\pm$ 53.393 χ^2 /NDF: 1.4/7

16.002 $\pm$ 37.663 χ^2 /NDF: 13.3/20

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340 $\pm$ 0.121 χ^2 /NDF: 166487.1/1

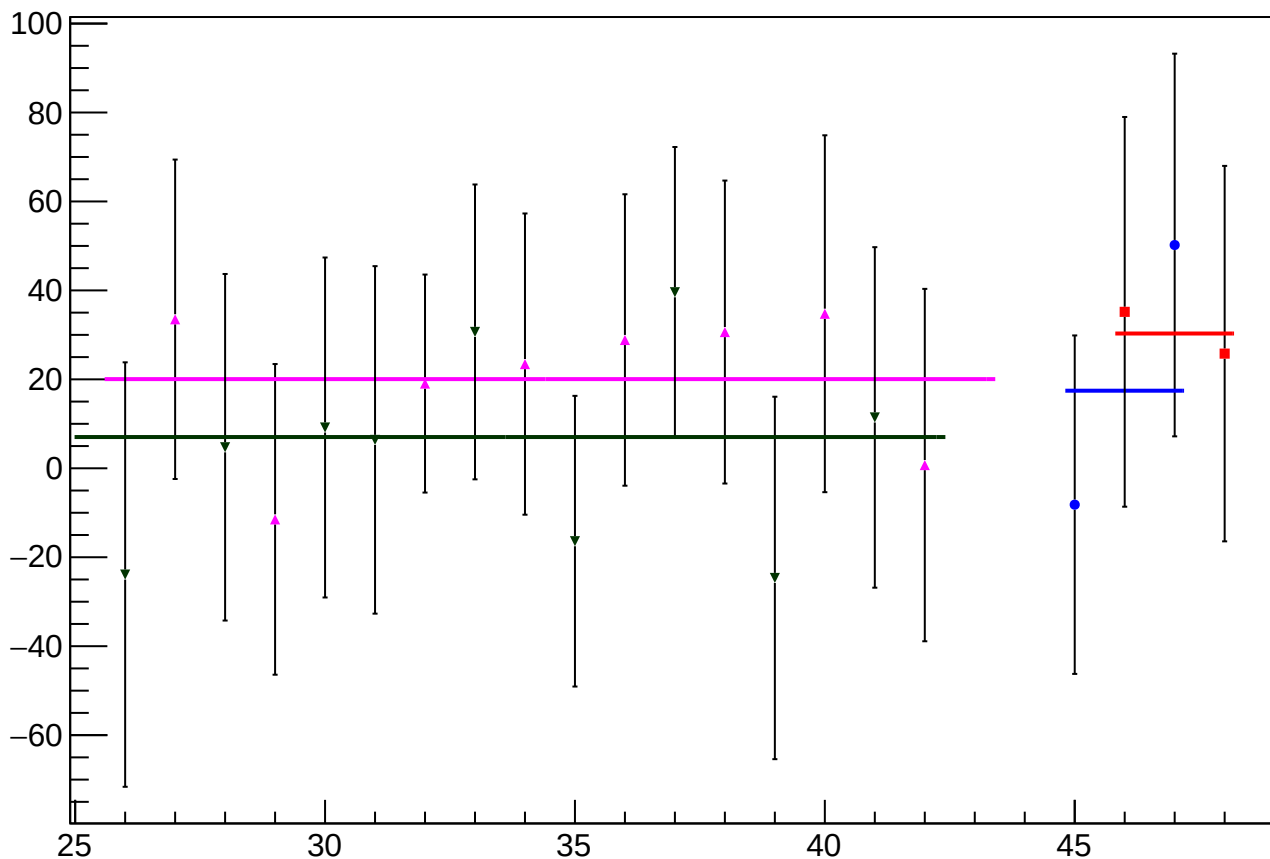
Left Out: 128.560 $\pm$ 0.042 χ^2 /NDF: 145575.3/8

Right Out: 140.541 $\pm$ 0.110 χ^2 /NDF: 3022.7/1

Left In: 118.311 $\pm$ 0.038 χ^2 /NDF: 227483.3/7

125.844 $\pm$ 0.027 χ^2 /NDF: 700210.1/20

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2/NDF : 1.0/1

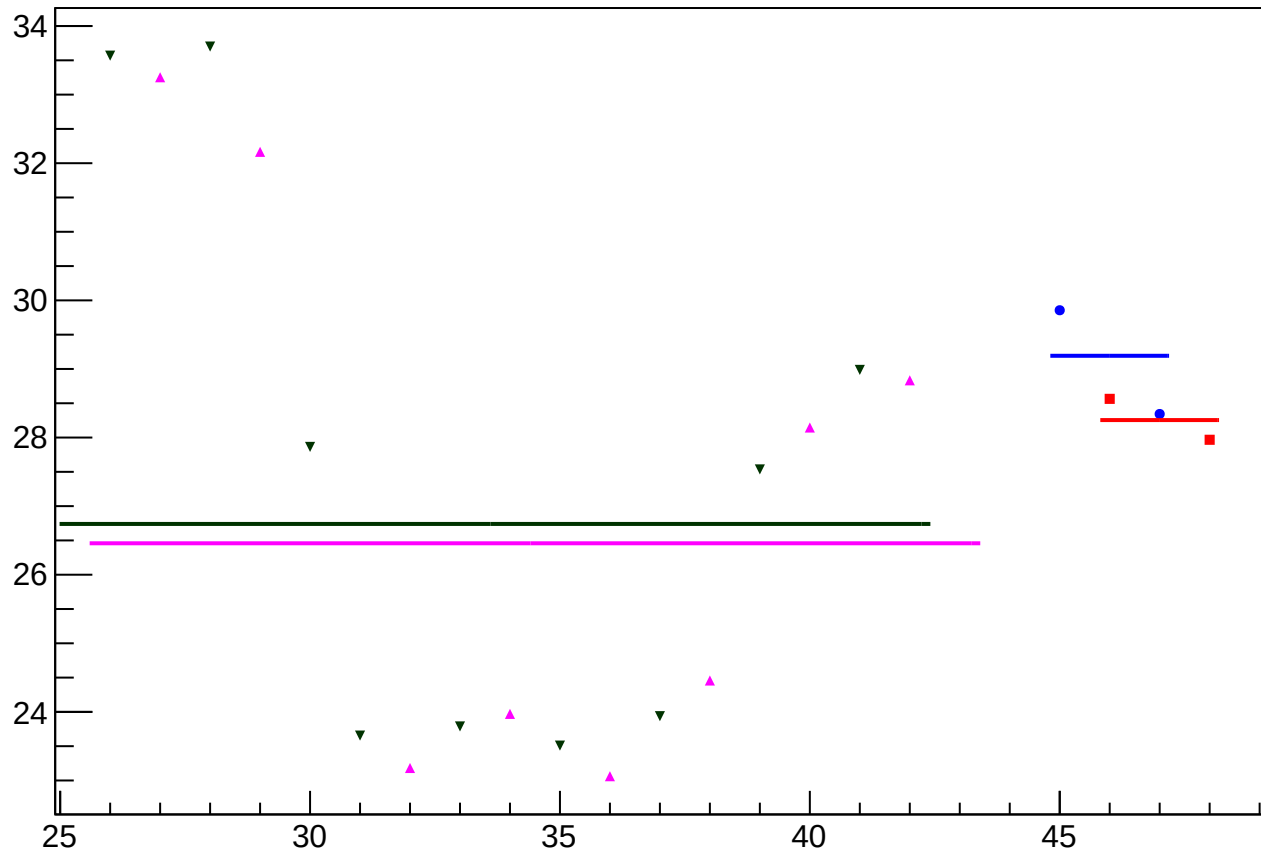
Left Out: 7.028 $\pm$ 12.398 χ^2/NDF : 3.1/8

Right Out: 30.306 $\pm$ 30.400 χ^2/NDF : 0.0/1

Left In: 20.053 $\pm$ 11.799 χ^2/NDF : 1.5/7

15.250 $\pm$ 7.905 χ^2/NDF : 6.5/20

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

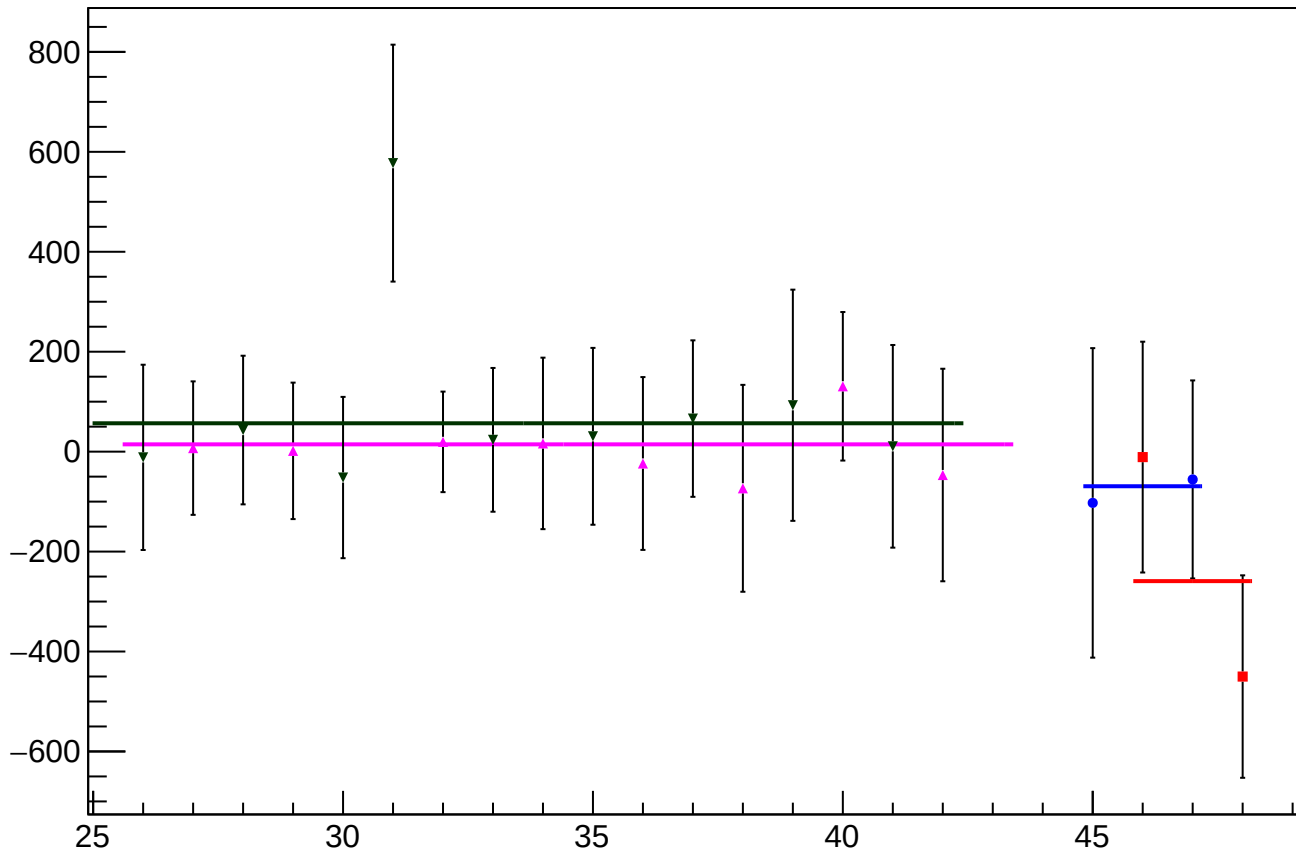
Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

26.905 $\pm$ 0.006 χ^2/NDF : 409046.8/20

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

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

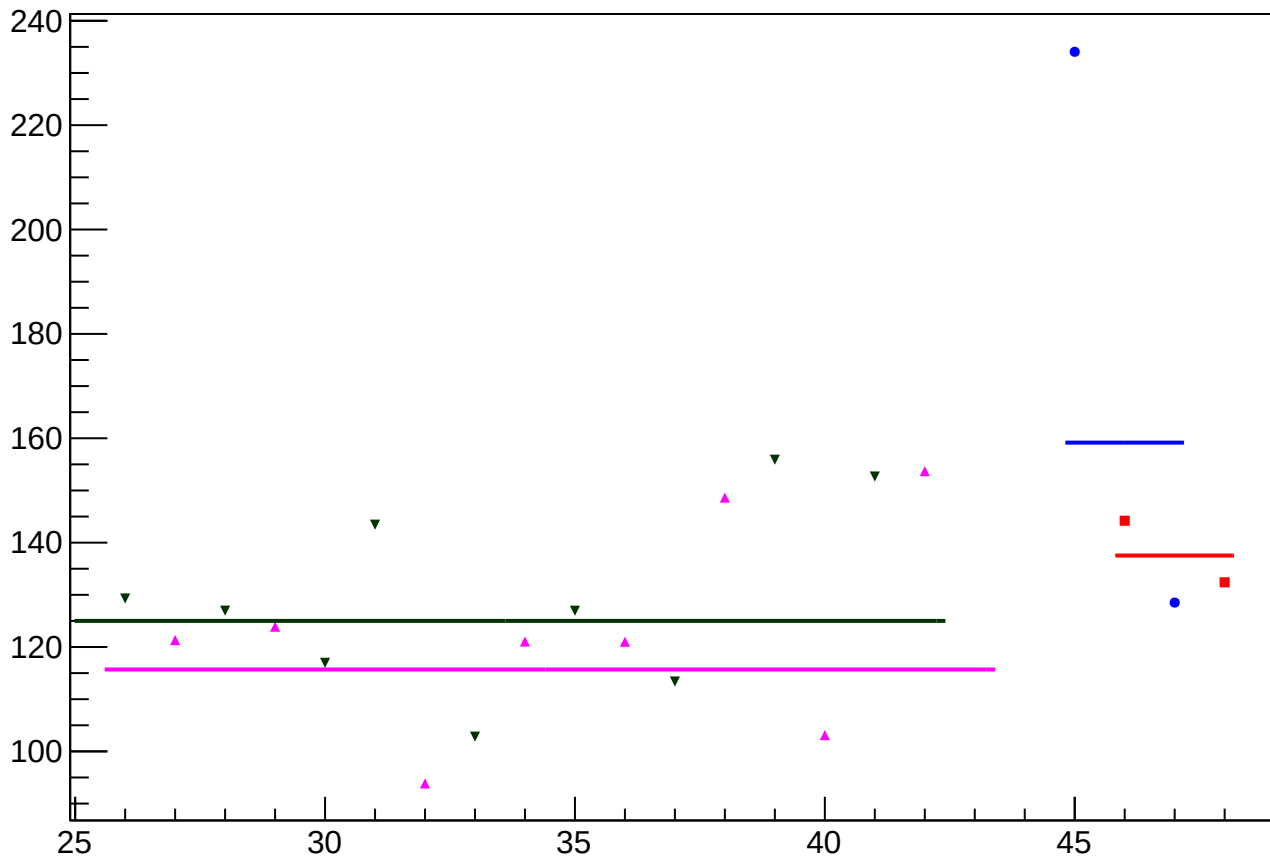
Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

11.369 $\pm$ 36.757 χ^2/NDF : 12.6/20

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

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167+/-0.118 χ^2/NDF : 164807.4/1

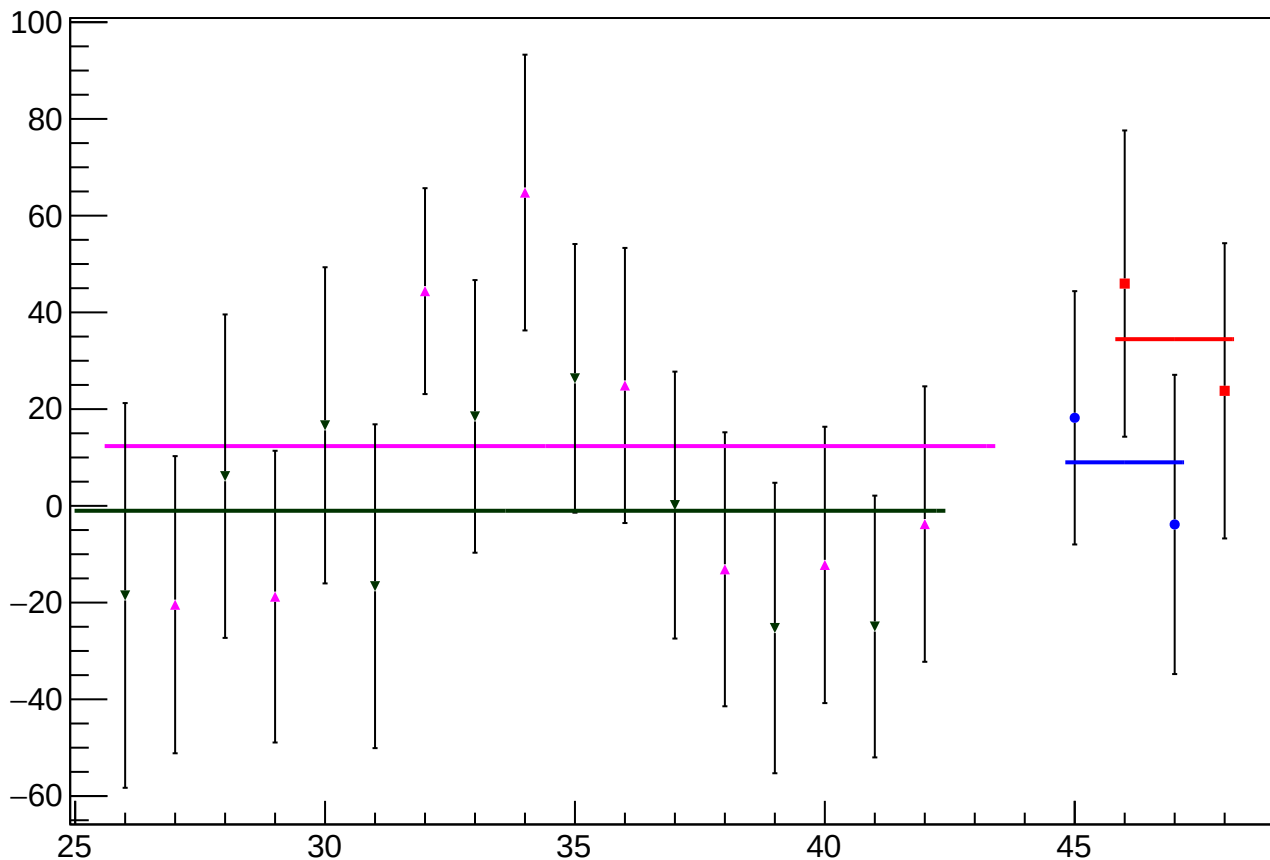
Left Out: 125.005+/-0.041 χ^2/NDF : 150125.6/8

Right Out: 137.529+/-0.108 χ^2/NDF : 2951.2/1

Left In: 115.690+/-0.037 χ^2/NDF : 237670.3/7

122.777+/-0.026 χ^2/NDF : 709134.2/20

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

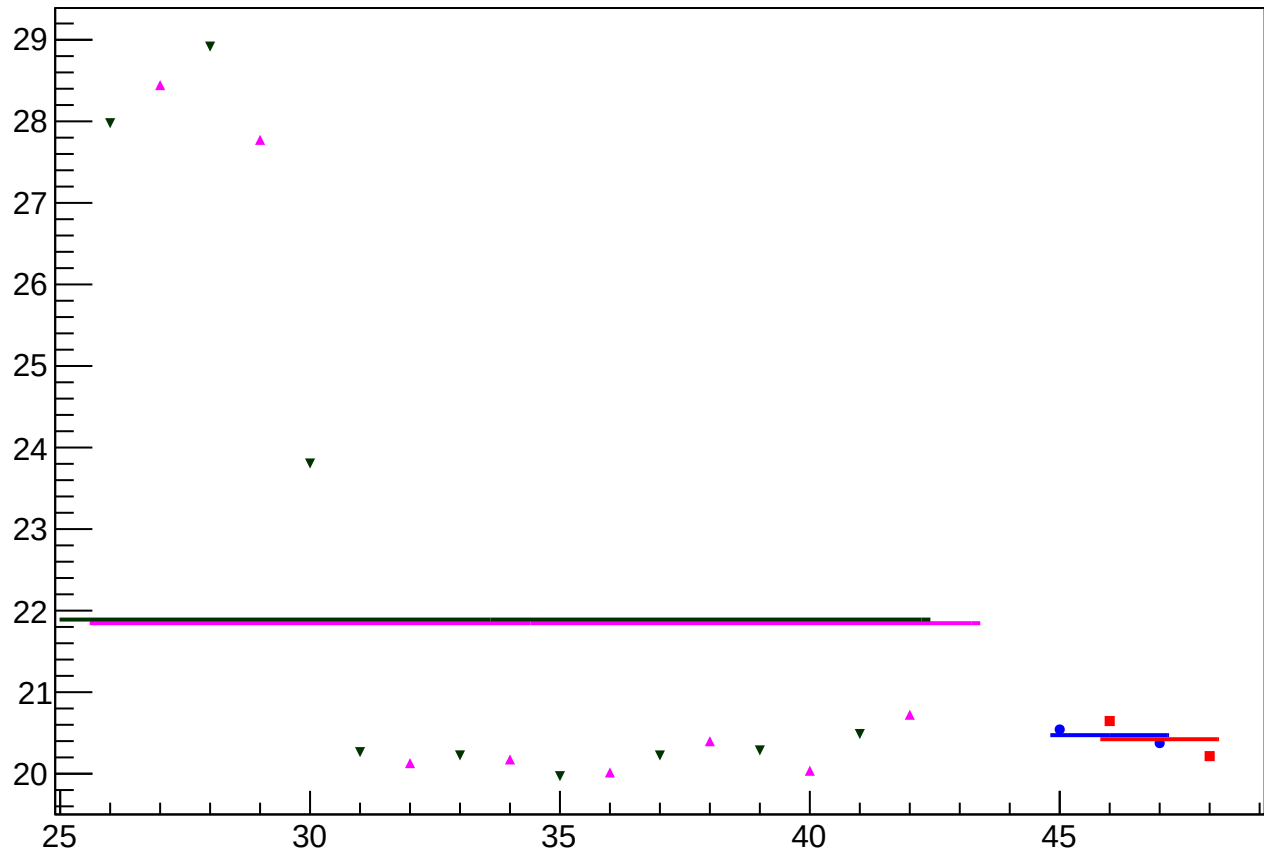
Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

Right Out: 34.463 $\pm$ 21.974 χ^2 /NDF: 0.3/1

Left In: 12.356 $\pm$ 9.741 χ^2 /NDF: 9.9/7

8.635 $\pm$ 6.349 χ^2 /NDF: 16.5/20

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

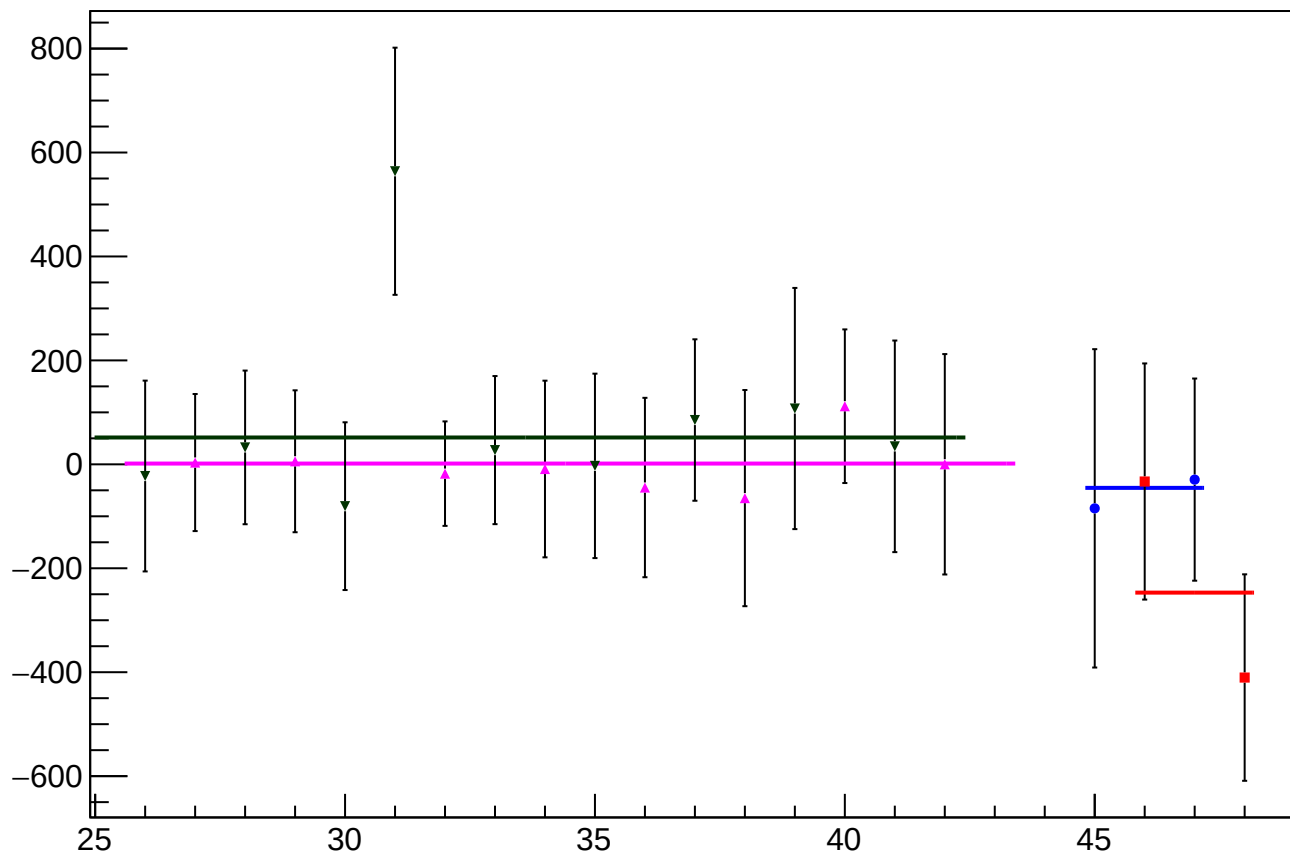
Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

21.606+/-0.004 χ^2/NDF : 410945.6/20

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

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

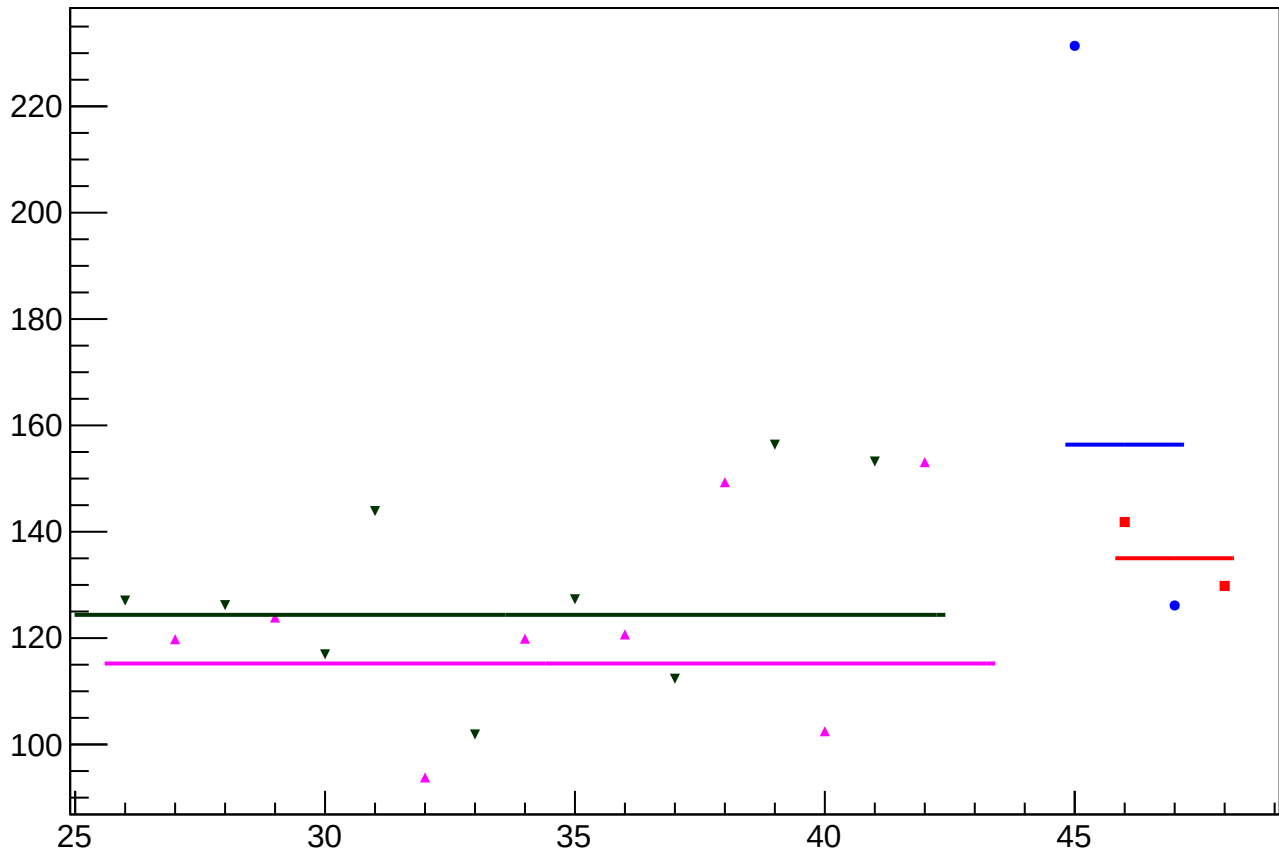
Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

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

4.218 $\pm$ 36.566 χ^2 /NDF: 11.7/20

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

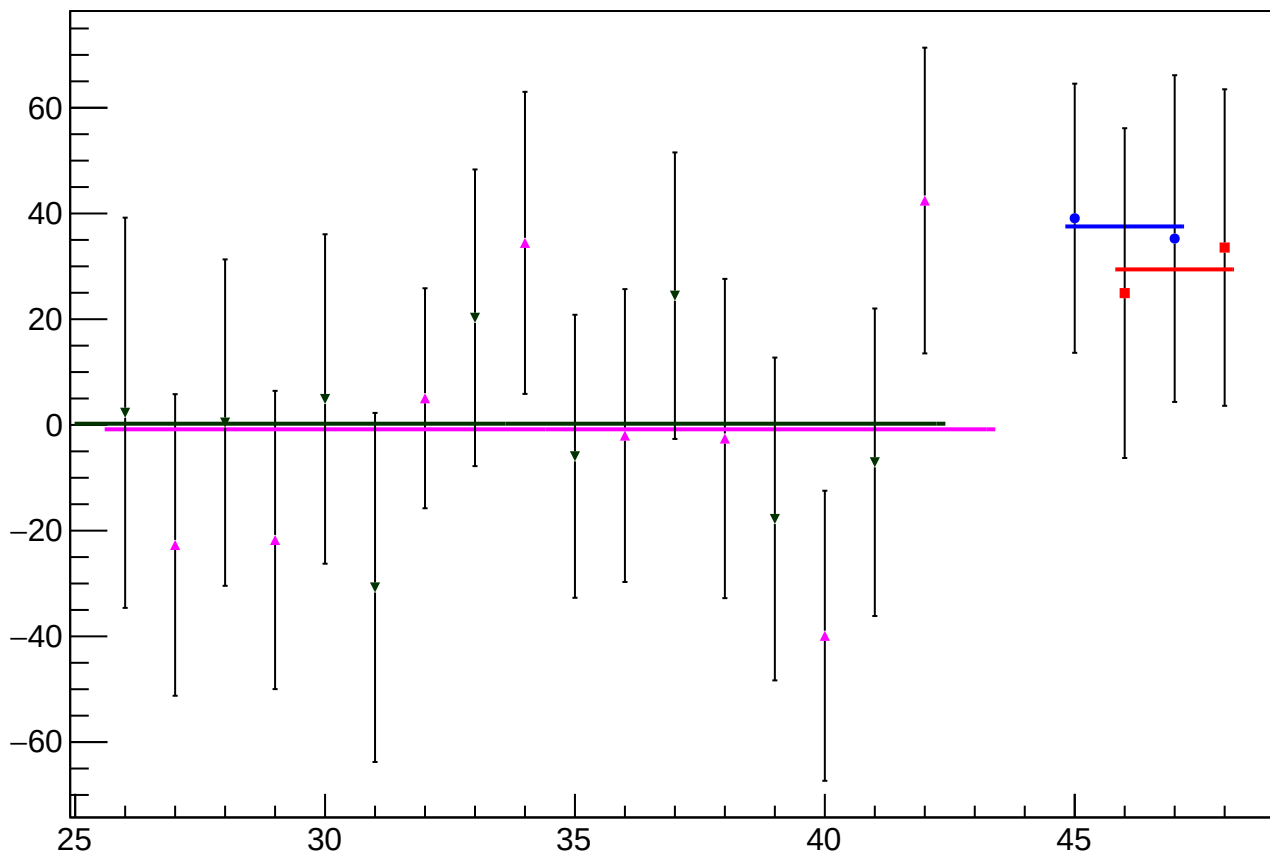
Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF: 158935.2/8

Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF: 237198.7/7

122.078 $\pm$ 0.026 χ^2 /NDF: 707649.3/20

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547 $\pm$ 19.649 χ^2 /NDF: 0.0/1

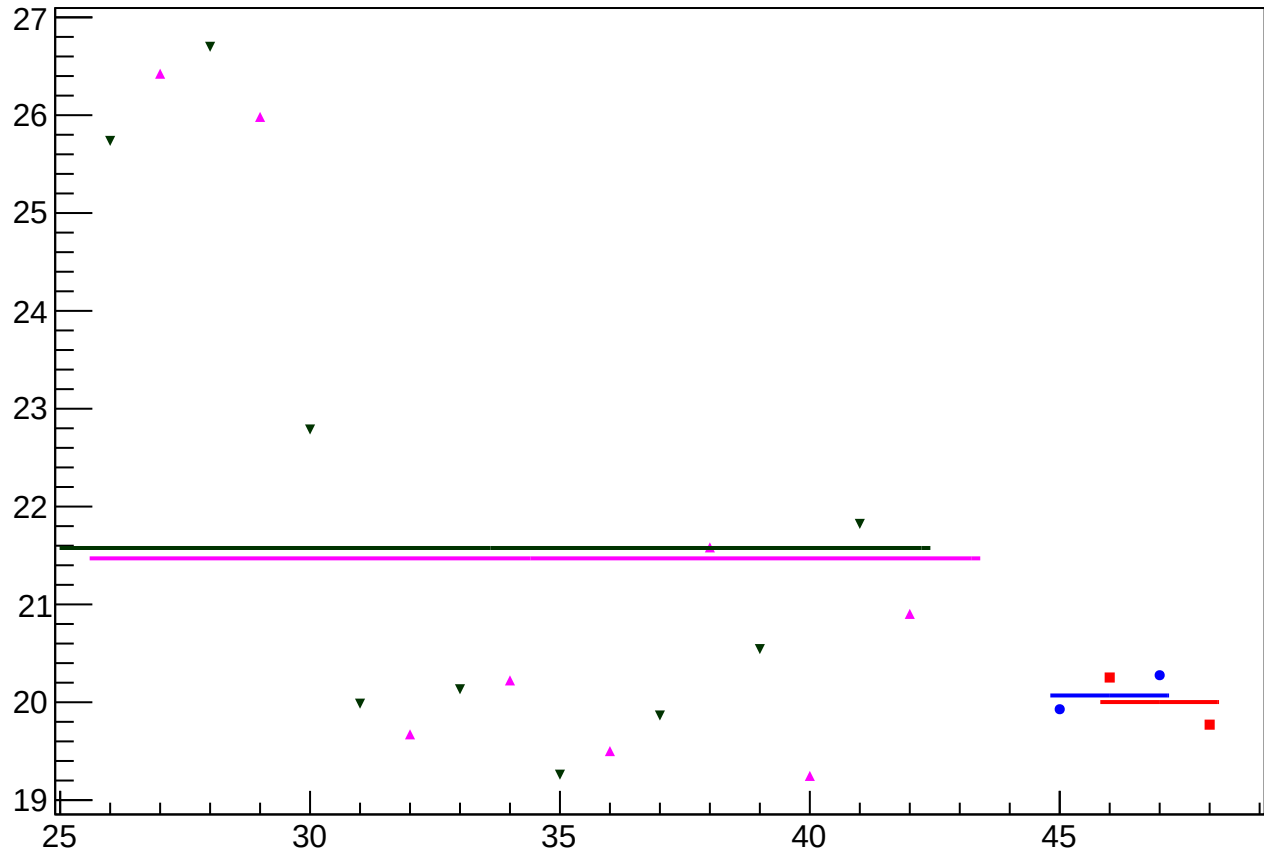
Left Out: 0.232 $\pm$ 9.994 χ^2 /NDF: 2.7/8

5.978 $\pm$ 6.239 χ^2 /NDF: 14.3/20

Right Out: 29.423 $\pm$ 21.601 χ^2 /NDF: 0.0/1

Left In: -0.830 $\pm$ 9.559 χ^2 /NDF: 7.0/7

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 $\pm$ 0.014 χ^2 /NDF: 150.7/1

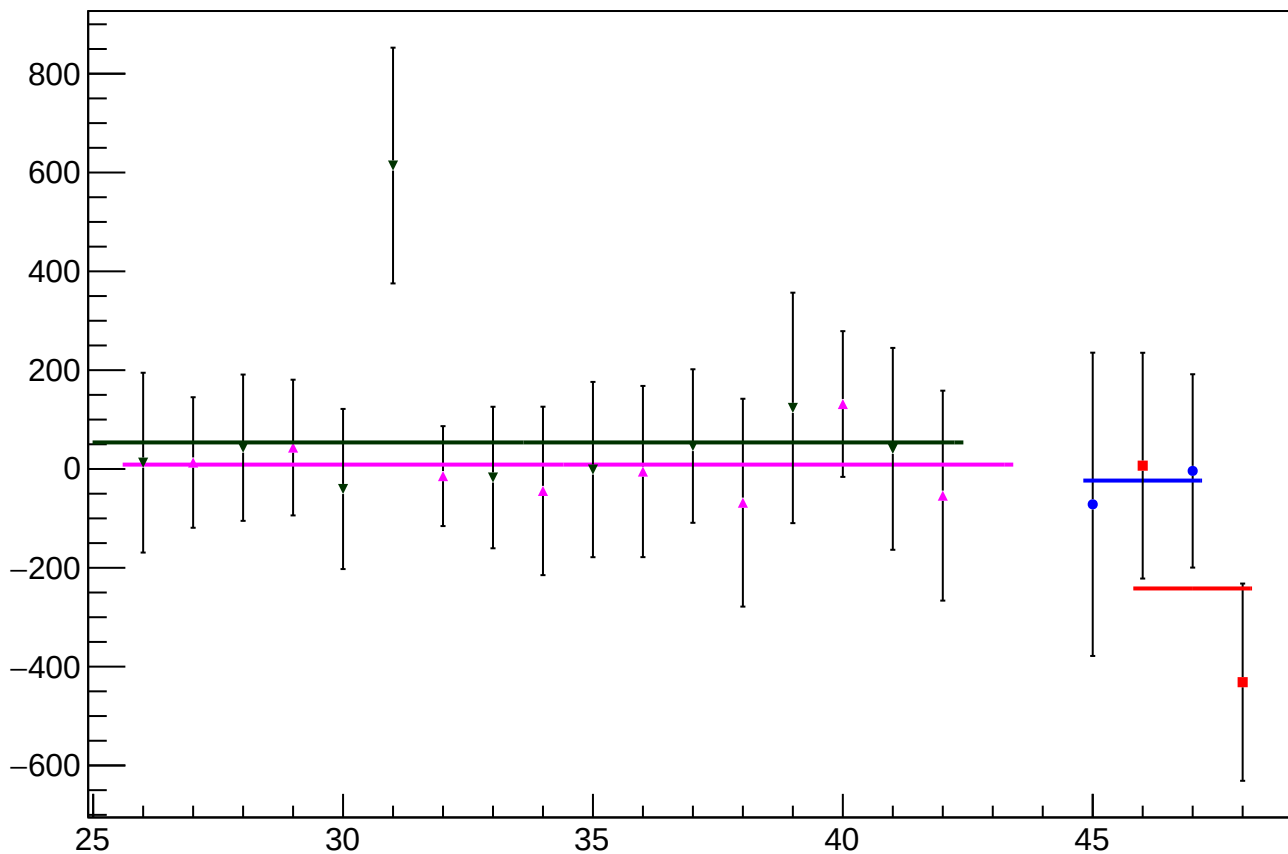
Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF: 118812.1/8

21.248 $\pm$ 0.004 χ^2 /NDF: 290550.7/20

Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 248.4/1

Left In: 21.471 $\pm$ 0.007 χ^2 /NDF: 154241.5/7

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2 /NDF: 0.0/1

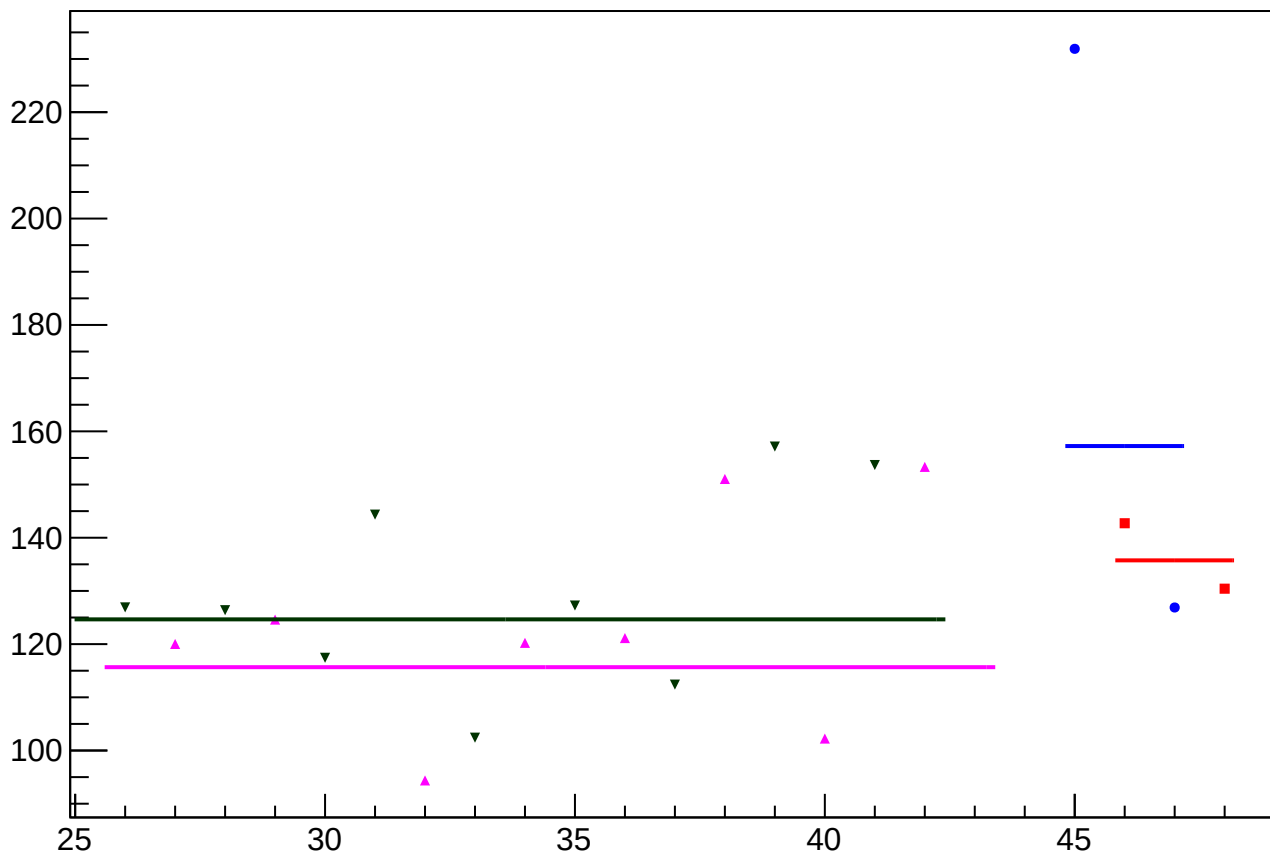
Left Out: 53.739 $\pm$ 58.143 χ^2 /NDF: 6.3/8

10.202 $\pm$ 36.676 χ^2 /NDF: 13.0/20

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

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236+/-0.117 χ^2/NDF : 166522.0/1

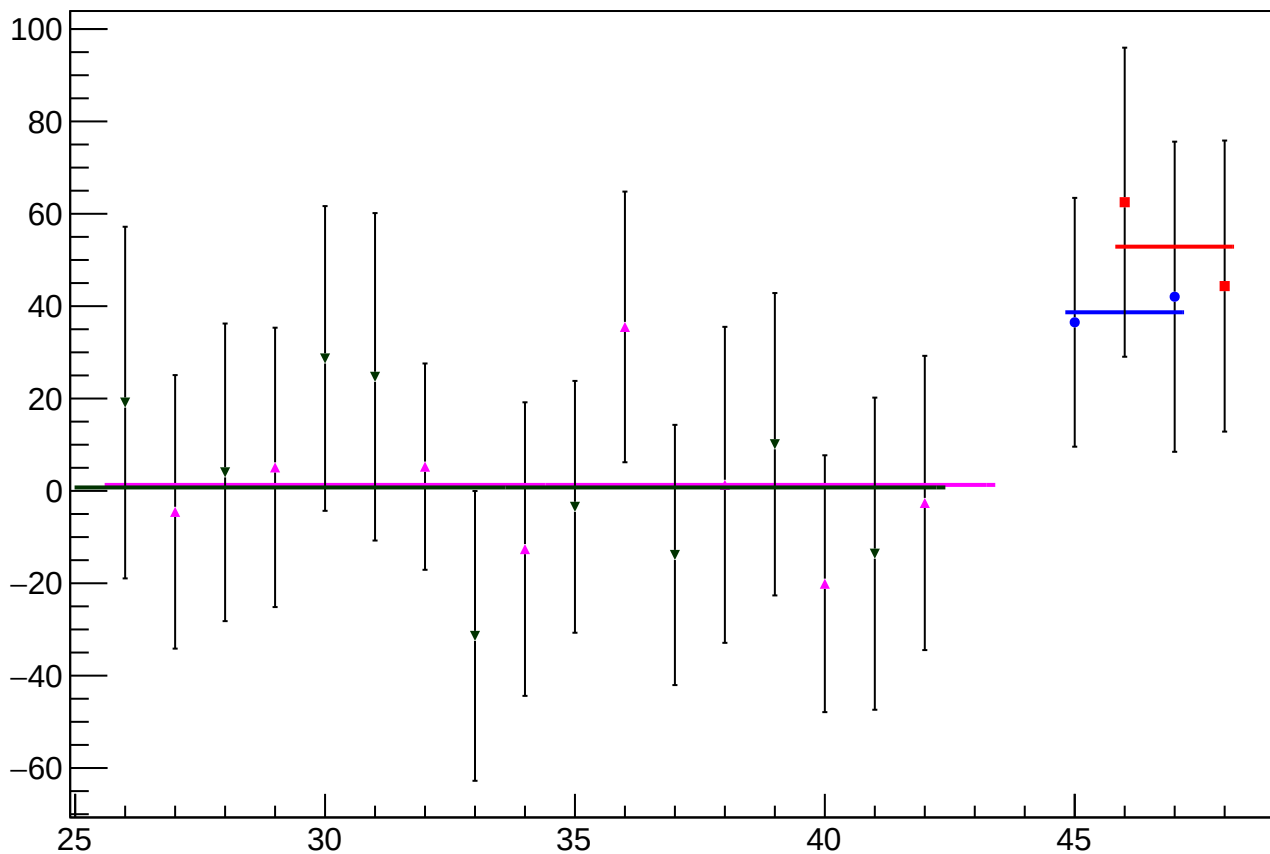
Left Out: 124.654+/-0.041 χ^2/NDF : 158453.5/8

Right Out: 135.746+/-0.106 χ^2/NDF : 3289.9/1

Left In: 115.666+/-0.037 χ^2/NDF : 238759.2/7

122.492+/-0.026 χ^2/NDF : 708203.5/20

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675 $\pm$ 21.011 χ^2 /NDF: 0.0/1

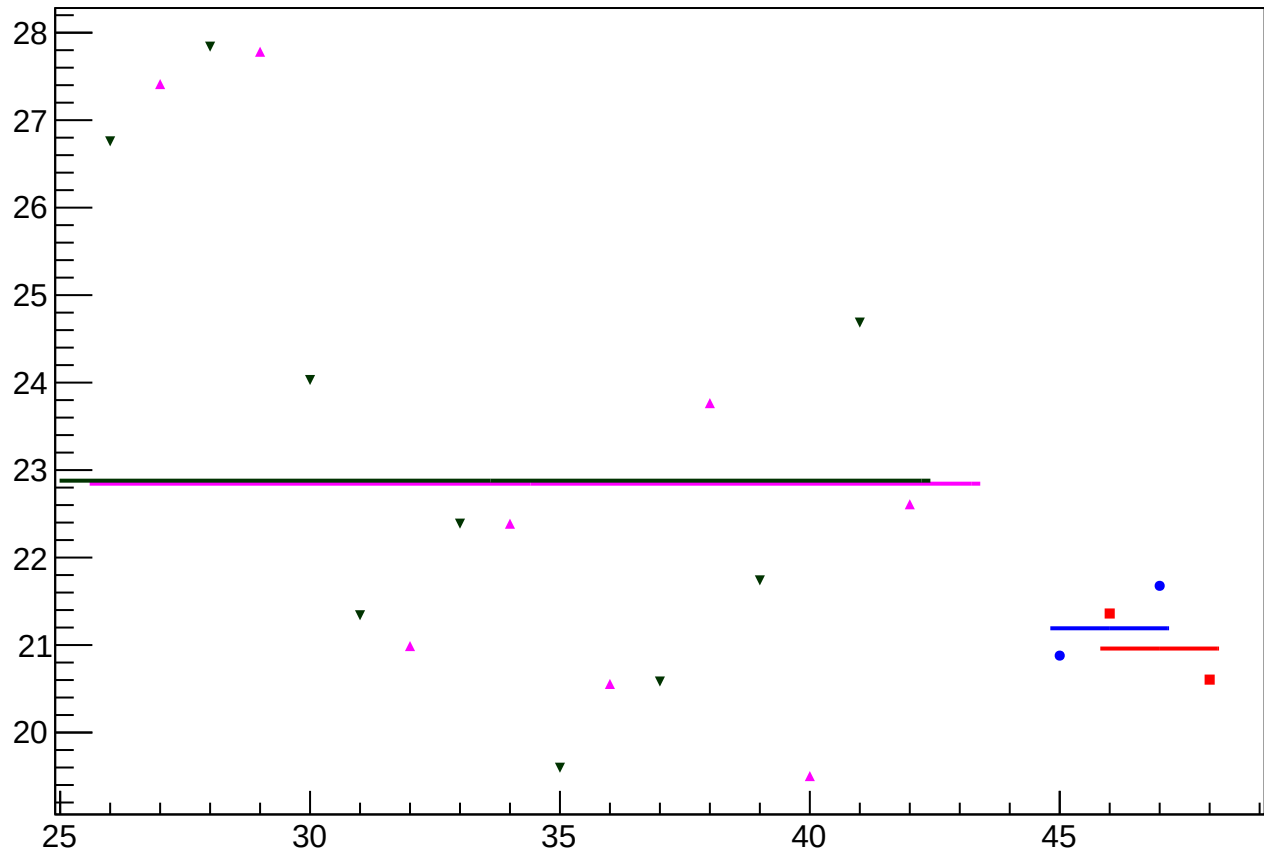
Left Out: 0.747 $\pm$ 10.661 χ^2 /NDF:3.0/8

Right Out: 52.882 $\pm$ 22.940 χ^2 /NDF: 0.2/1

Left In: 1.298 $\pm$ 10.246 χ^2 /NDF:2.2/7

9.206 $\pm$ 6.668 χ^2 /NDF: 12.3/20

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 ± 0.015 χ^2/NDF : 687.1/1

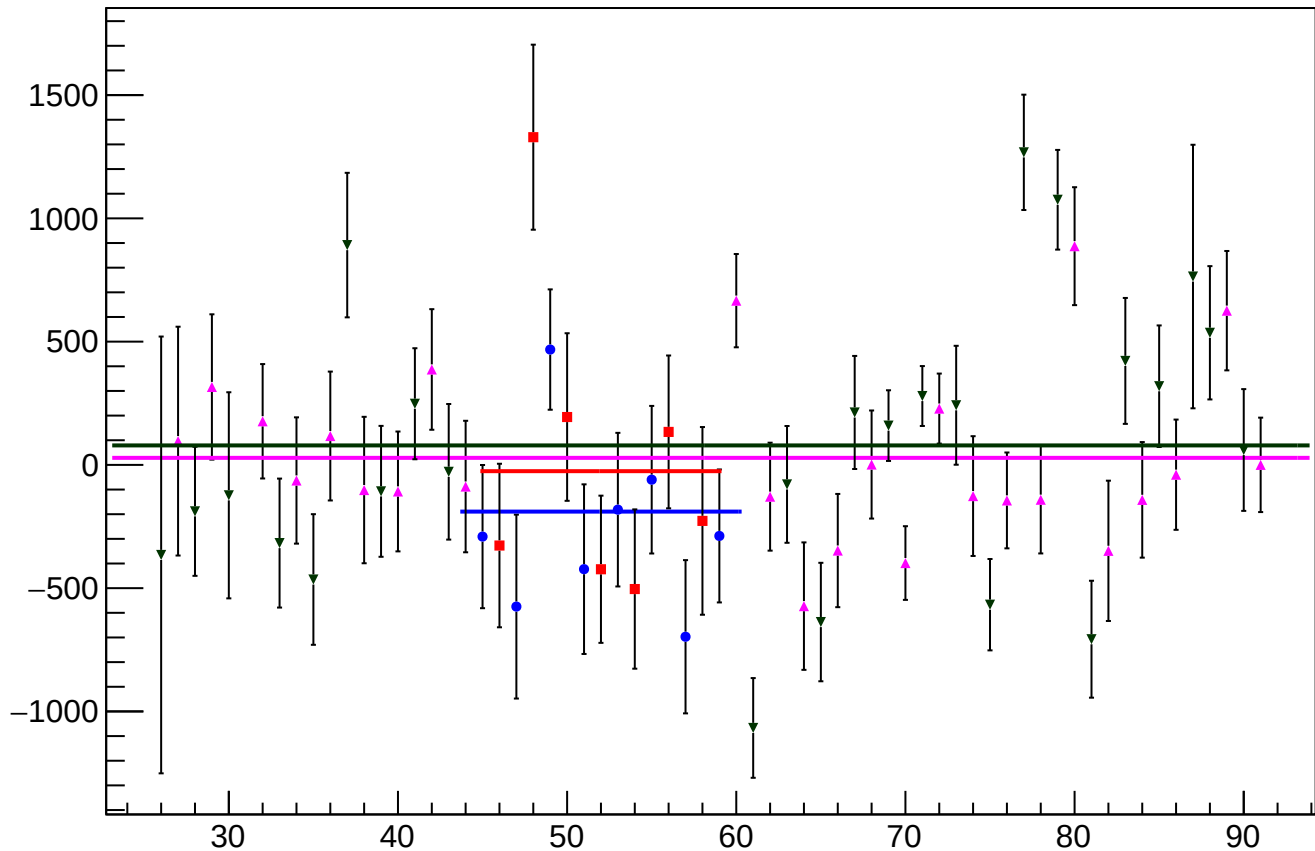
Left Out: 22.879 ± 0.008 χ^2/NDF : 125279.7/8

Right Out: 20.960 ± 0.016 χ^2/NDF : 540.7/1

Left In: 22.845 ± 0.007 χ^2/NDF : 157790.8/7

22.532 ± 0.005 χ^2/NDF : 305811.9/20

asym_sam_15_avg_mean vs slug



Right In: -189.421 ± 105.505 χ^2/NDF : 11.9/7

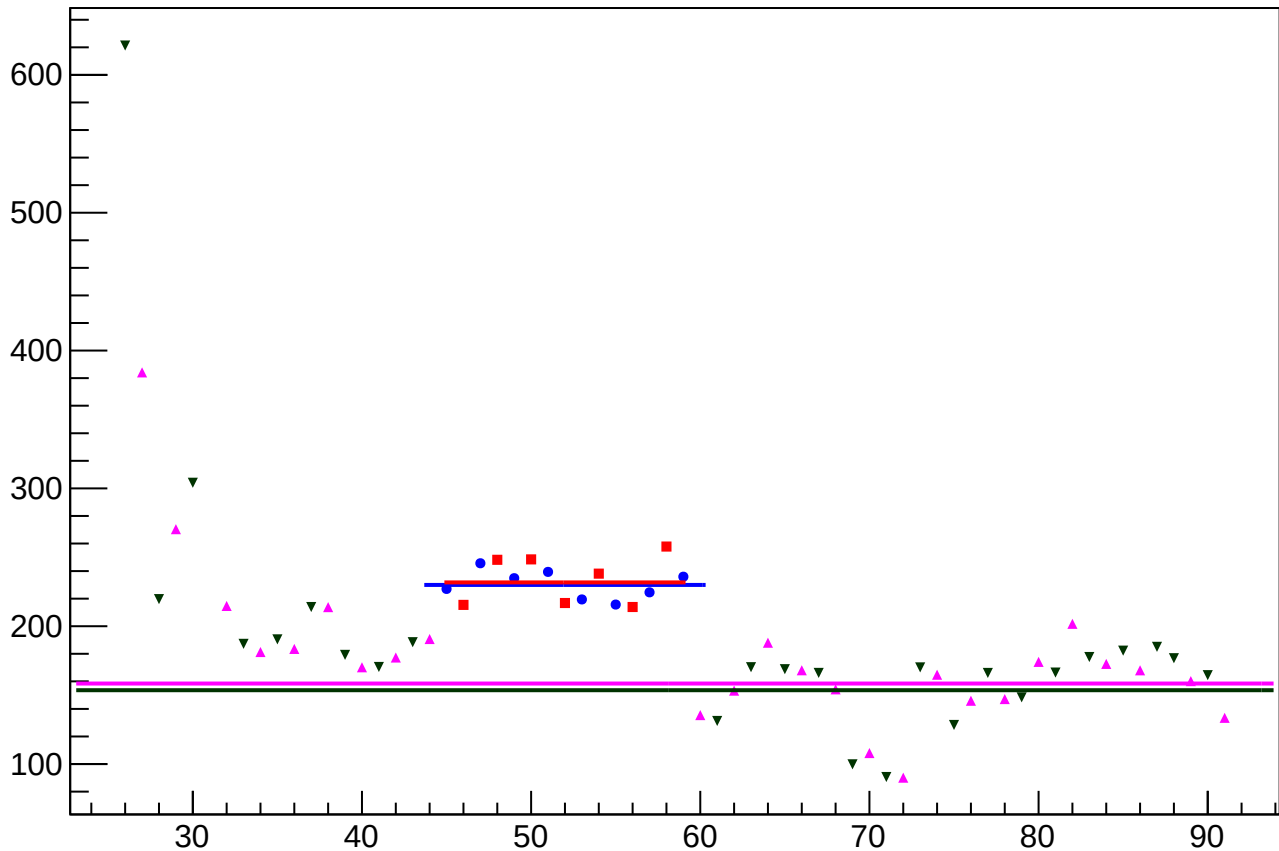
Left Out: 79.022 ± 45.814 χ^2/NDF : 142.7/24

29.514 ± 29.780 χ^2/NDF : 236.8/64

Right Out: -25.446 ± 126.033 χ^2/NDF : 18.8/6

Left In: 28.595 ± 44.795 χ^2/NDF : 57.8/24

asym_sam_15_avg_rms vs slug



Right In: 229.960+/-0.075 χ^2/NDF : 14455.2/7

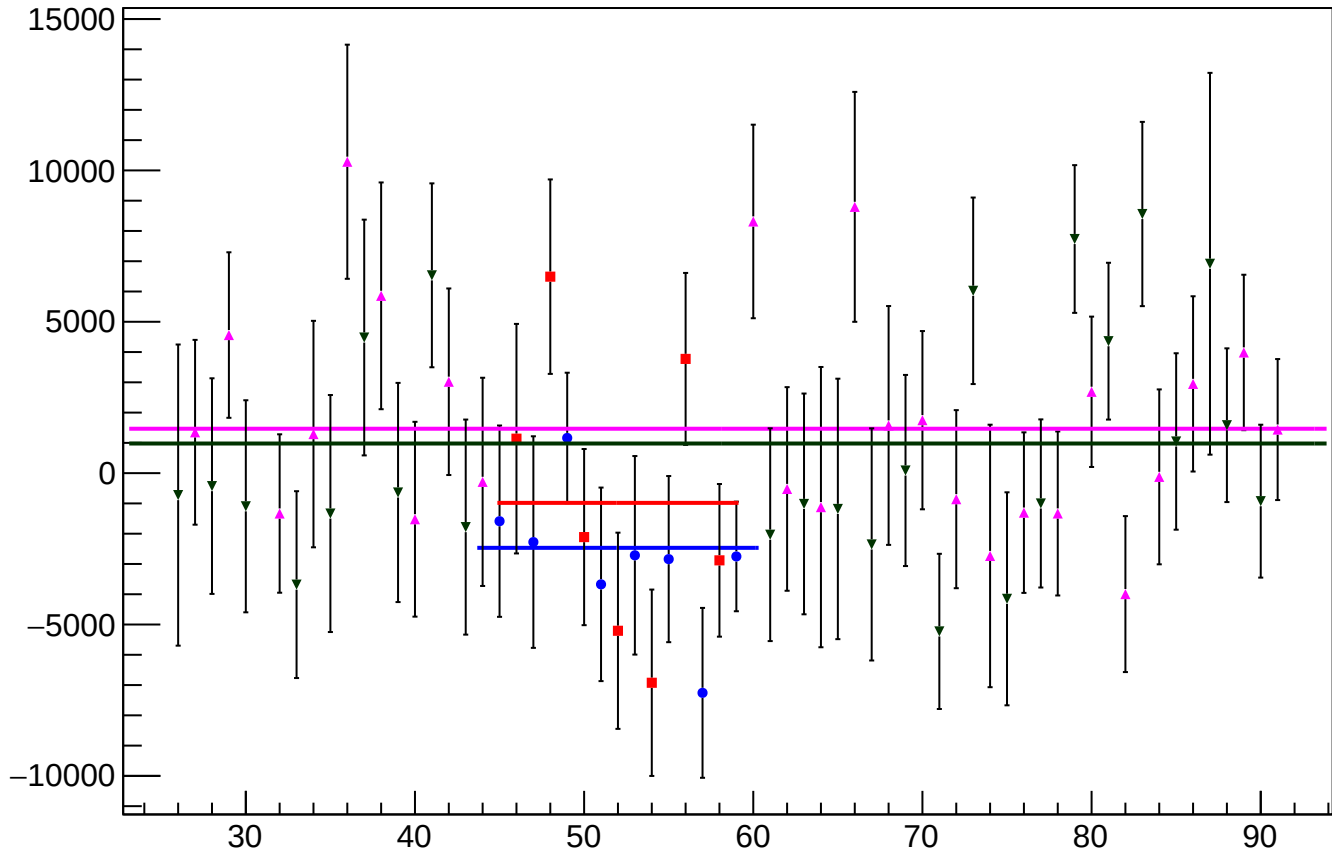
Left Out: 153.575+/-0.032 χ^2/NDF :2159754.9/24

166.167+/-0.021 χ^2/NDF : 5589719.3/64

Right Out: 231.786+/-0.089 χ^2/NDF : 35244.6/6

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

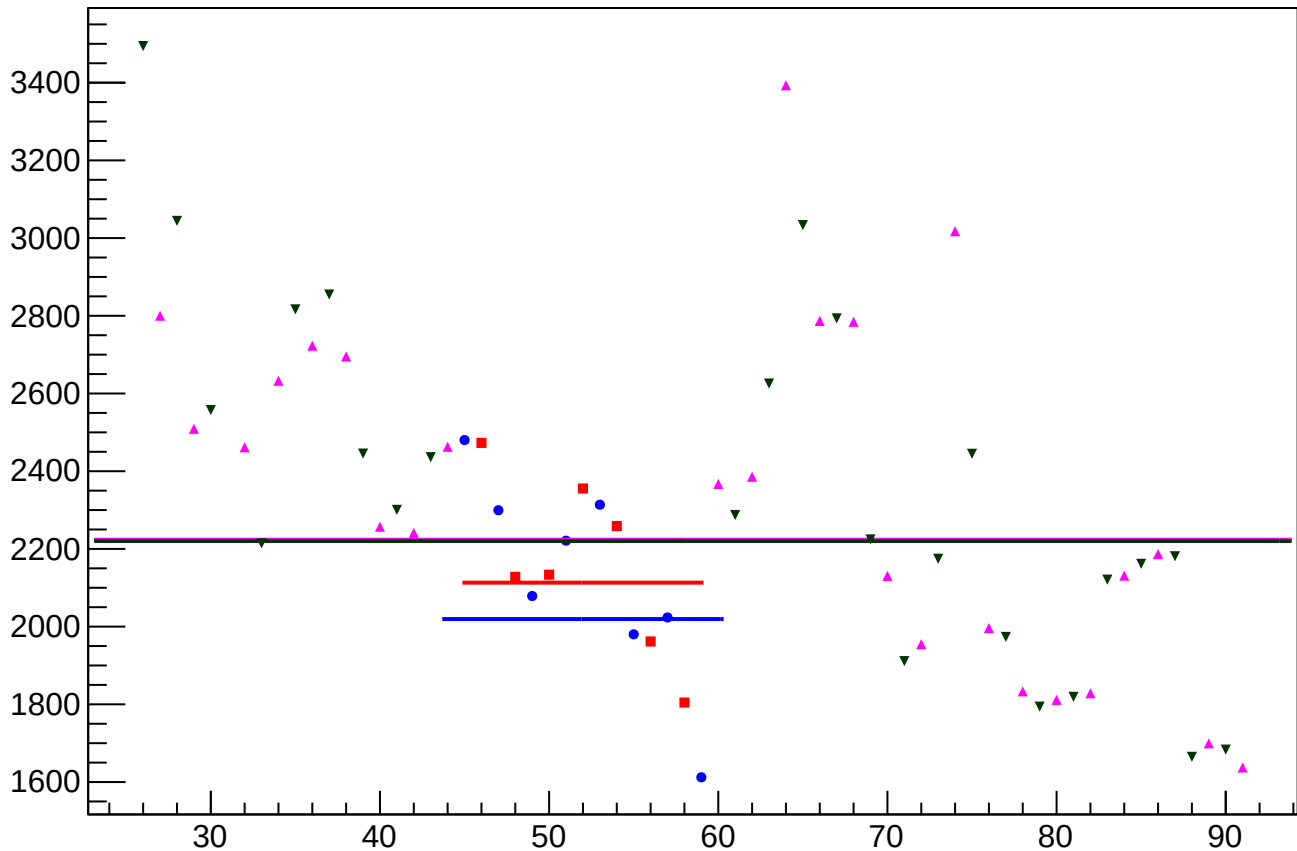
Left Out: 978.801 $\pm$ 641.820 χ^2 /NDF:38.6/24

388.802 $\pm$ 376.668 χ^2 /NDF: 103.5/64

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

asym_sam_26_avg_rms vs slug



Right In: 2019.476+/-0.658 χ^2/NDF : 182583.1/7

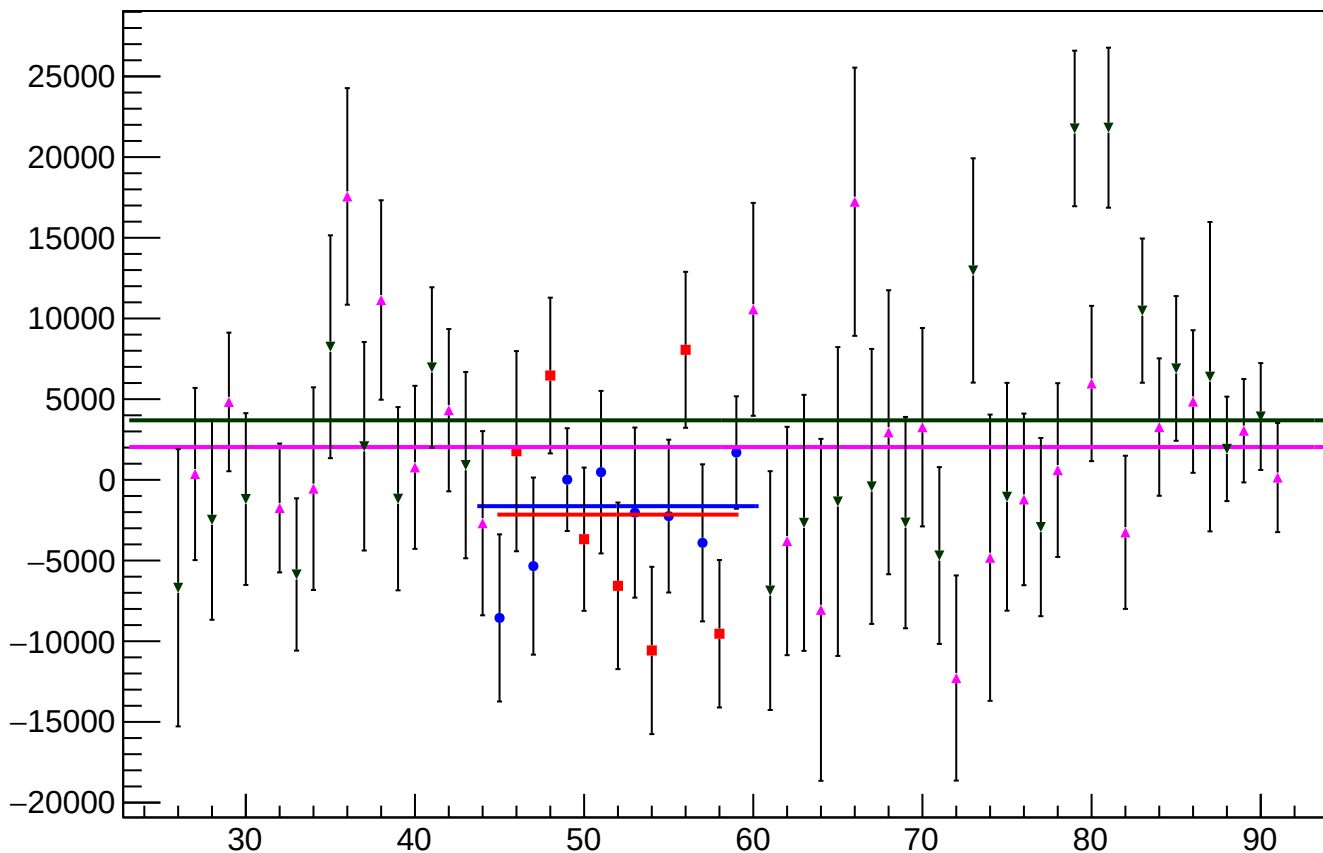
Left Out: 2220.408+/-0.454 χ^2/NDF : 866006.5/24

Right Out: 2113.197+/-0.808 χ^2/NDF : 69460.8/6

Left In: 2223.672+/-0.430 χ^2/NDF : 885988.6/24

2177.120+/-0.266 χ^2/NDF : 2088426.1/64

asym_sam_37_avg_mean vs slug



Right In: -1630.895 $\pm$ 1554.672 χ^2 /NDF: 3.8/7

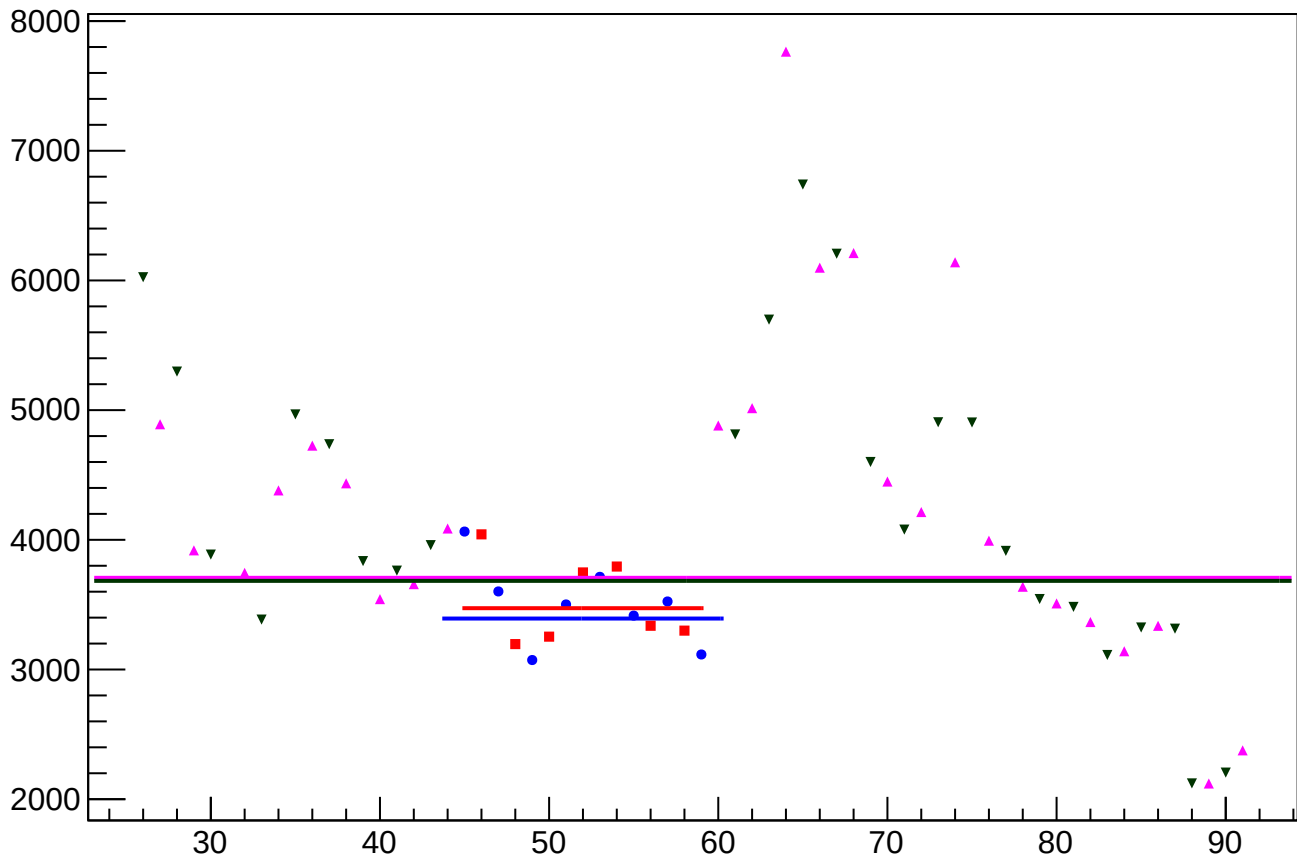
Left Out: 3688.957 $\pm$ 1093.386 χ^2 /NDF: 50.1/24

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

1495.306 $\pm$ 637.244 χ^2 /NDF: 105.9/64

asym_sam_37_avg_rms vs slug



Right In: 3392.990+/-1.099 χ^2/NDF : 79185.5/7

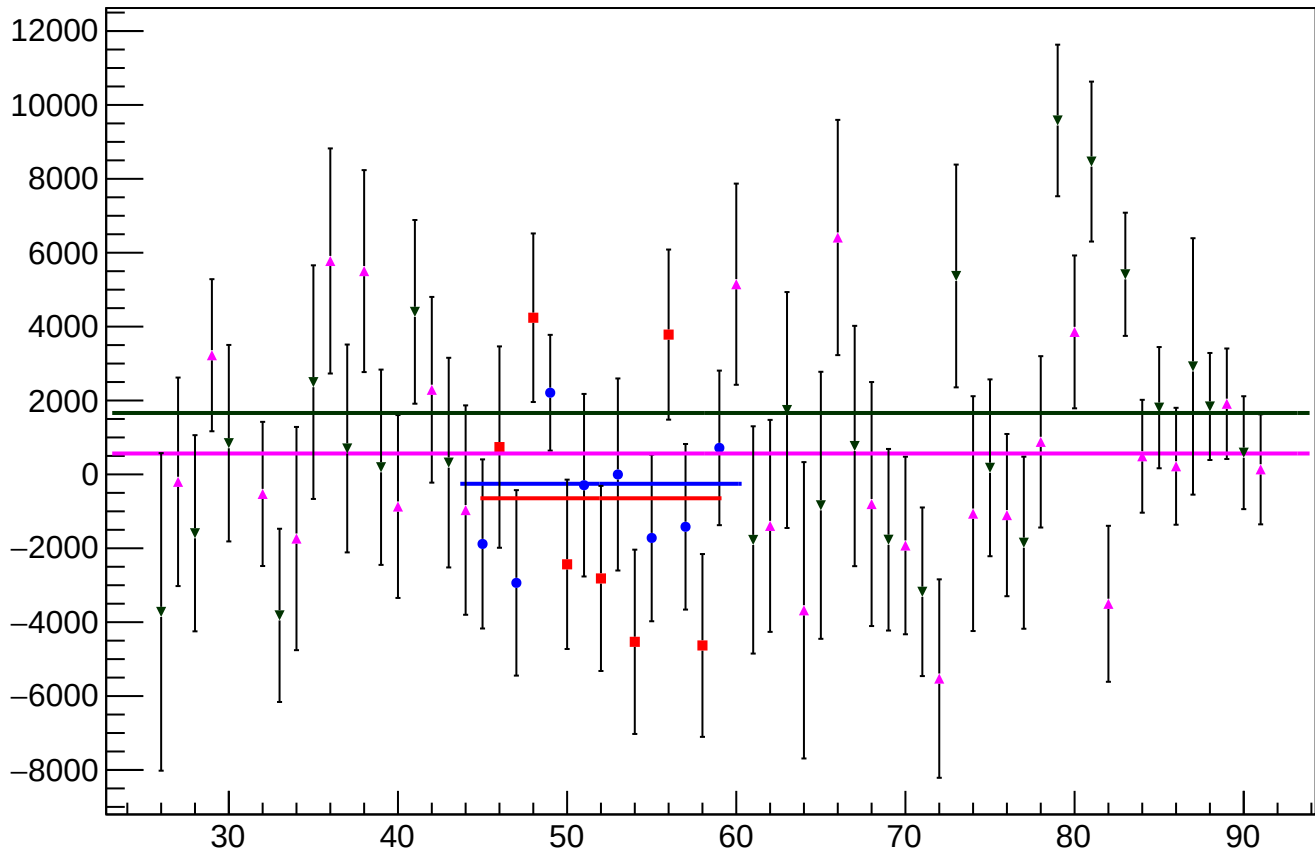
Left Out: 3683.504+/-0.773 χ^2/NDF : 2071586.3/24

3619.145+/-0.451 χ^2/NDF : 4298512.1/64

Right Out: 3472.775+/-1.324 χ^2/NDF : 46158.9/6

Left In: 3707.018+/-0.734 χ^2/NDF : 2025792.0/24

asym_sam_48_avg_mean vs slug



Right In: -254.003+/-768.555 χ^2/NDF : 5.0/7

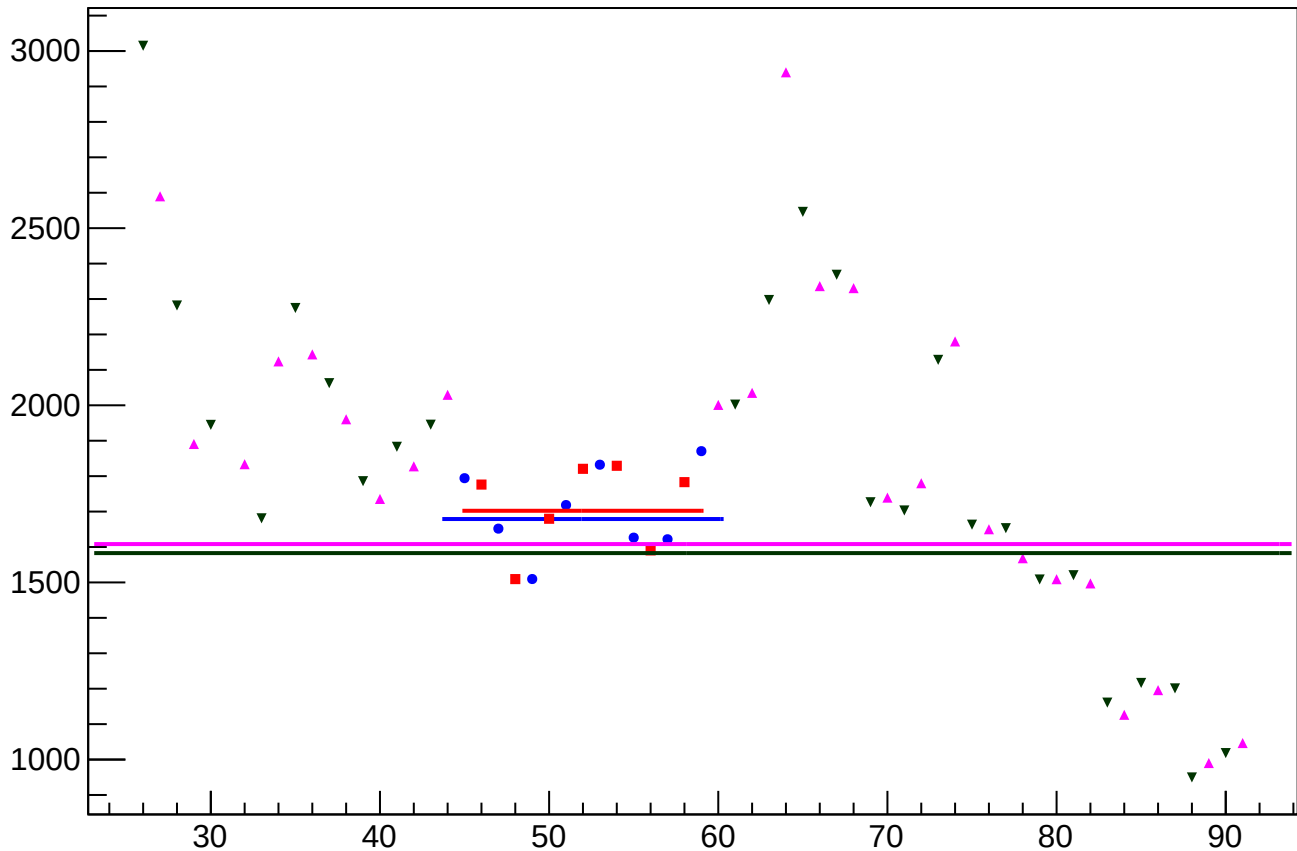
Left Out: 1662.369+/-468.976 χ^2/NDF : 53.5/24

Right Out: -646.350+/-916.967 χ^2/NDF : 14.9/6

Left In: 565.832+/-450.912 χ^2/NDF : 32.2/24

740.448+/-284.586 χ^2/NDF : 113.6/64

asym_sam_48_avg_rms vs slug



Right In: 1678.957+/-0.543 χ^2/NDF : 55314.4/7

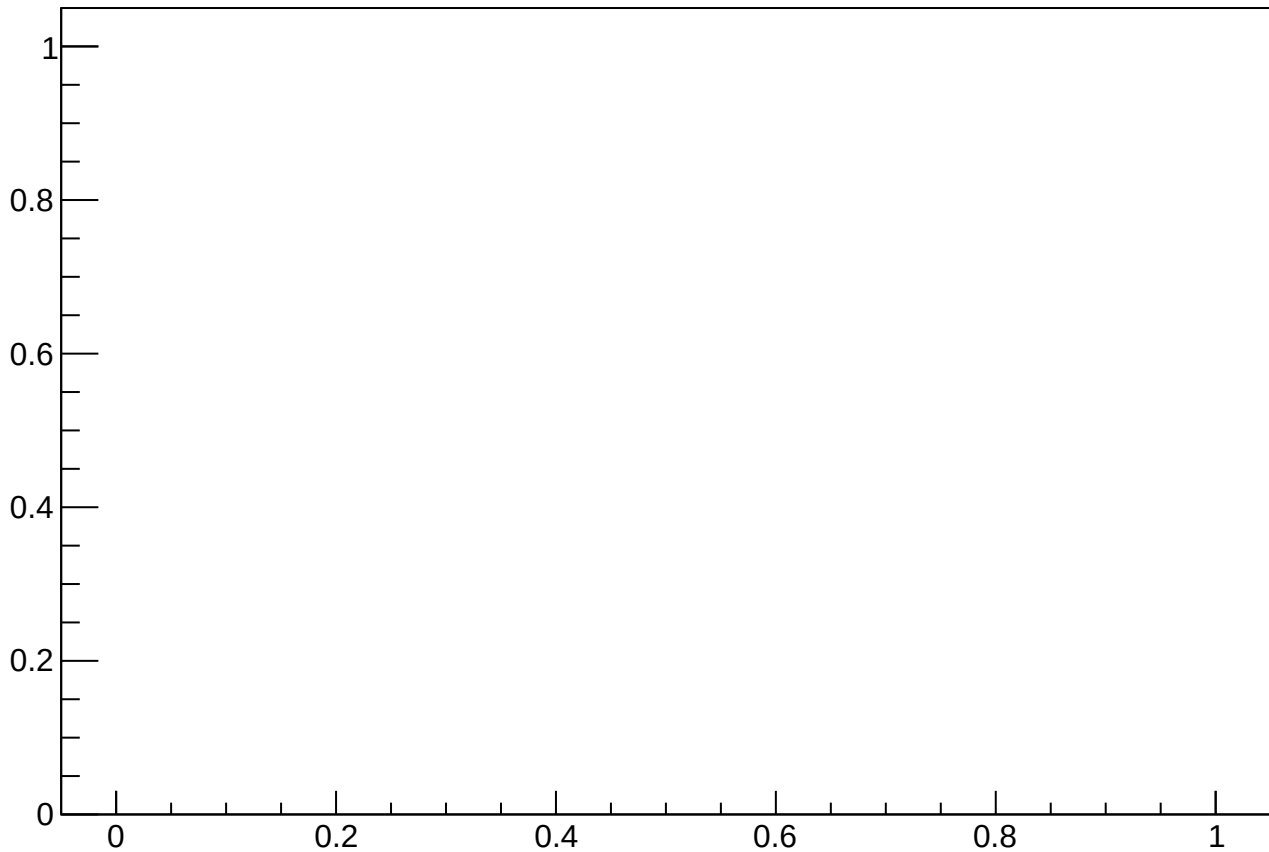
Left Out: 1582.799+/-0.332 χ^2/NDF : 2018544.8/24

1617.632+/-0.201 χ^2/NDF : 4230397.9/64

Right Out: 1702.261+/-0.648 χ^2/NDF : 32471.7/6

Left In: 1608.261+/-0.319 χ^2/NDF : 2082400.0/24

yield_sam_15_avg_mean vs slug



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

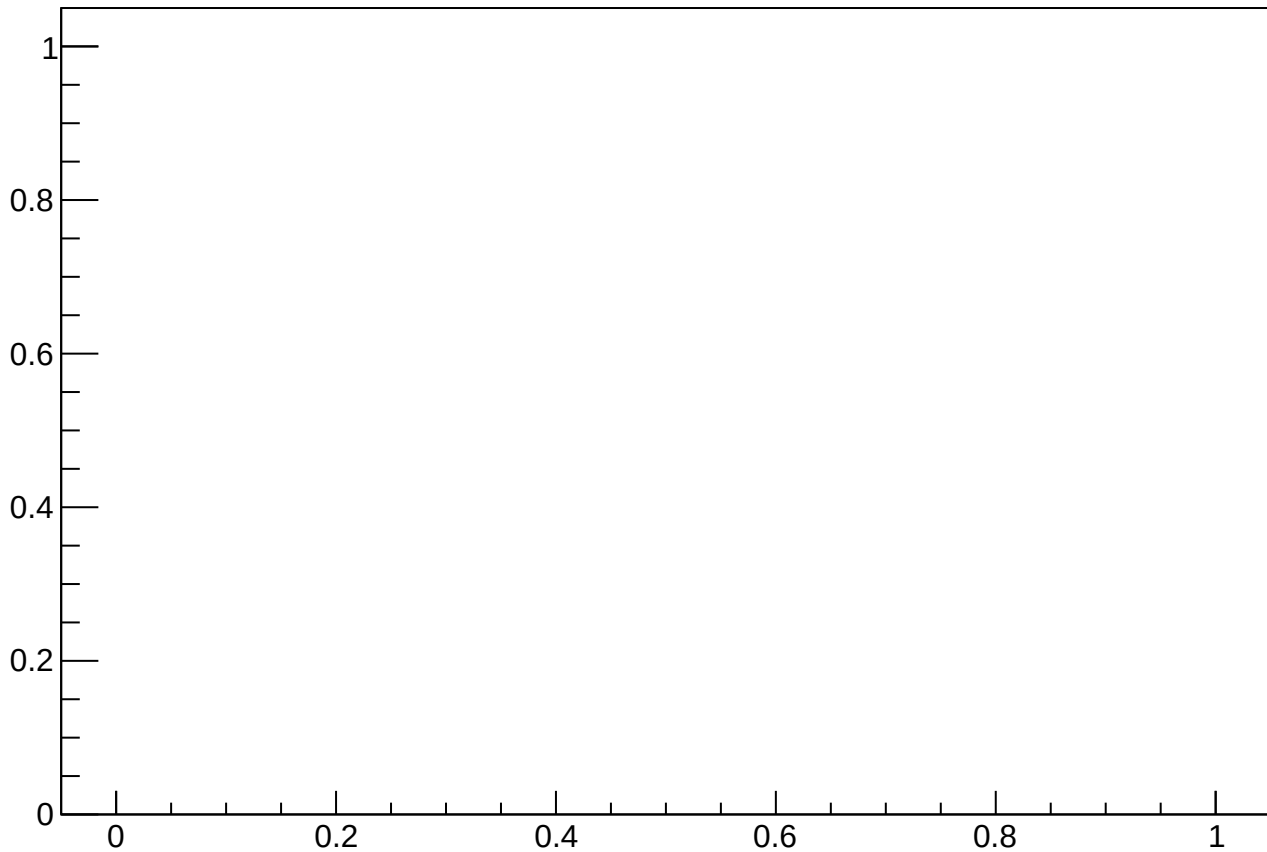
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_mean vs slug



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

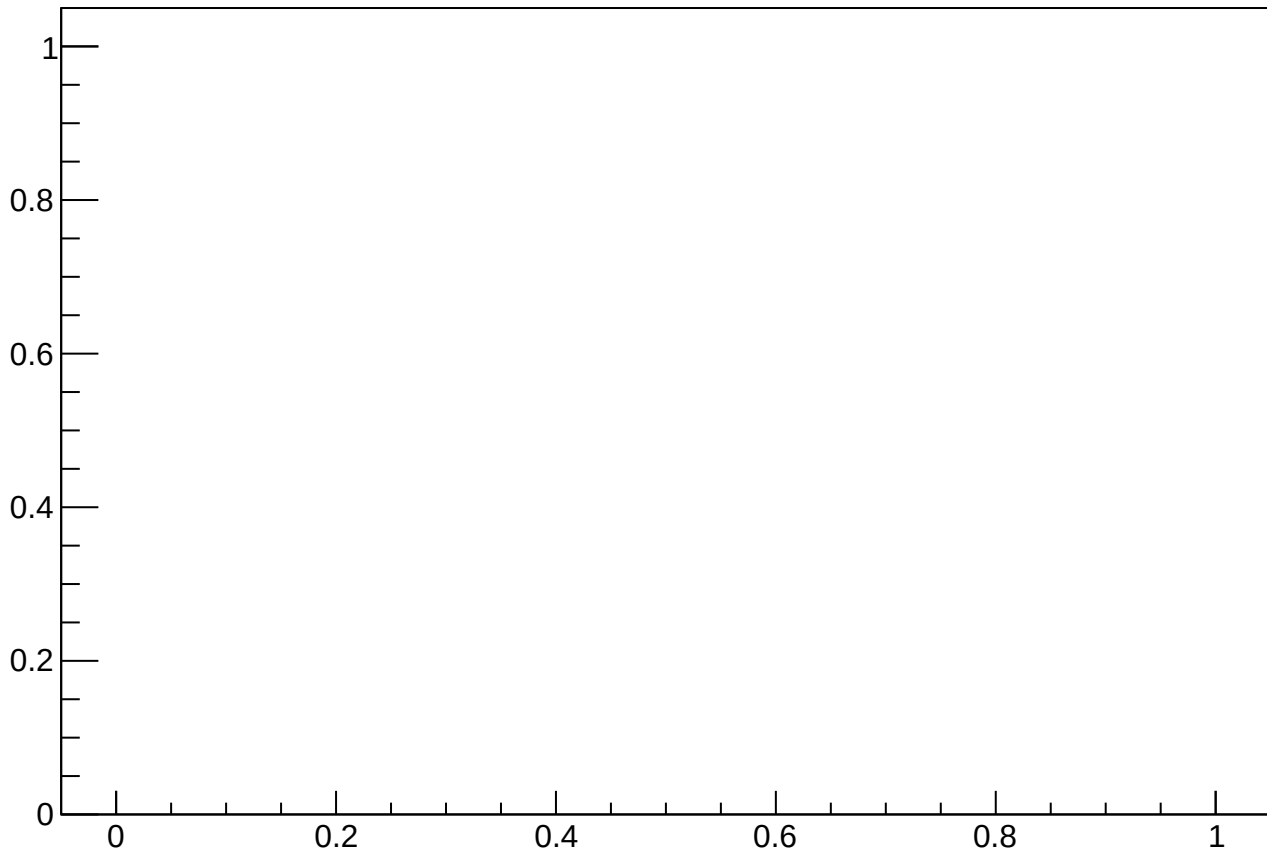
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



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

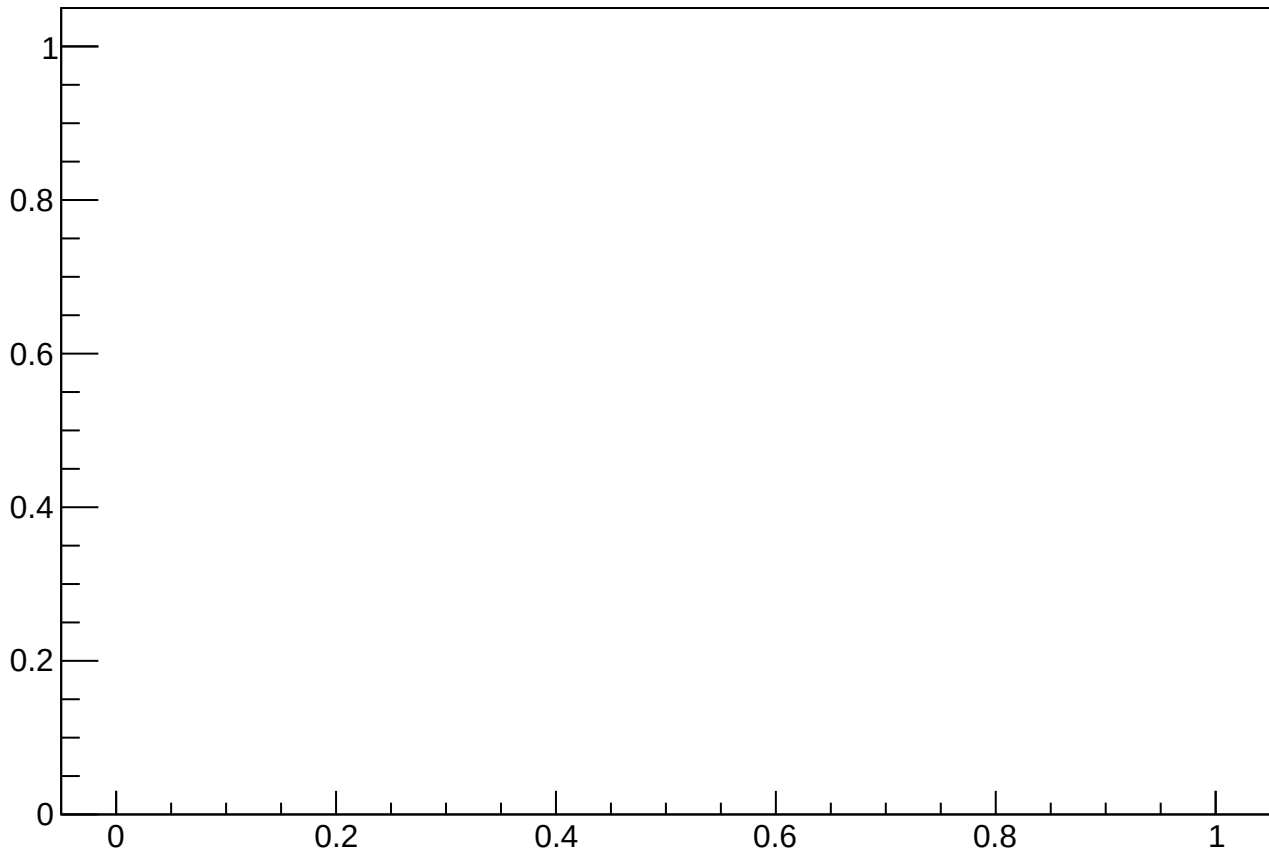
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_mean vs slug



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

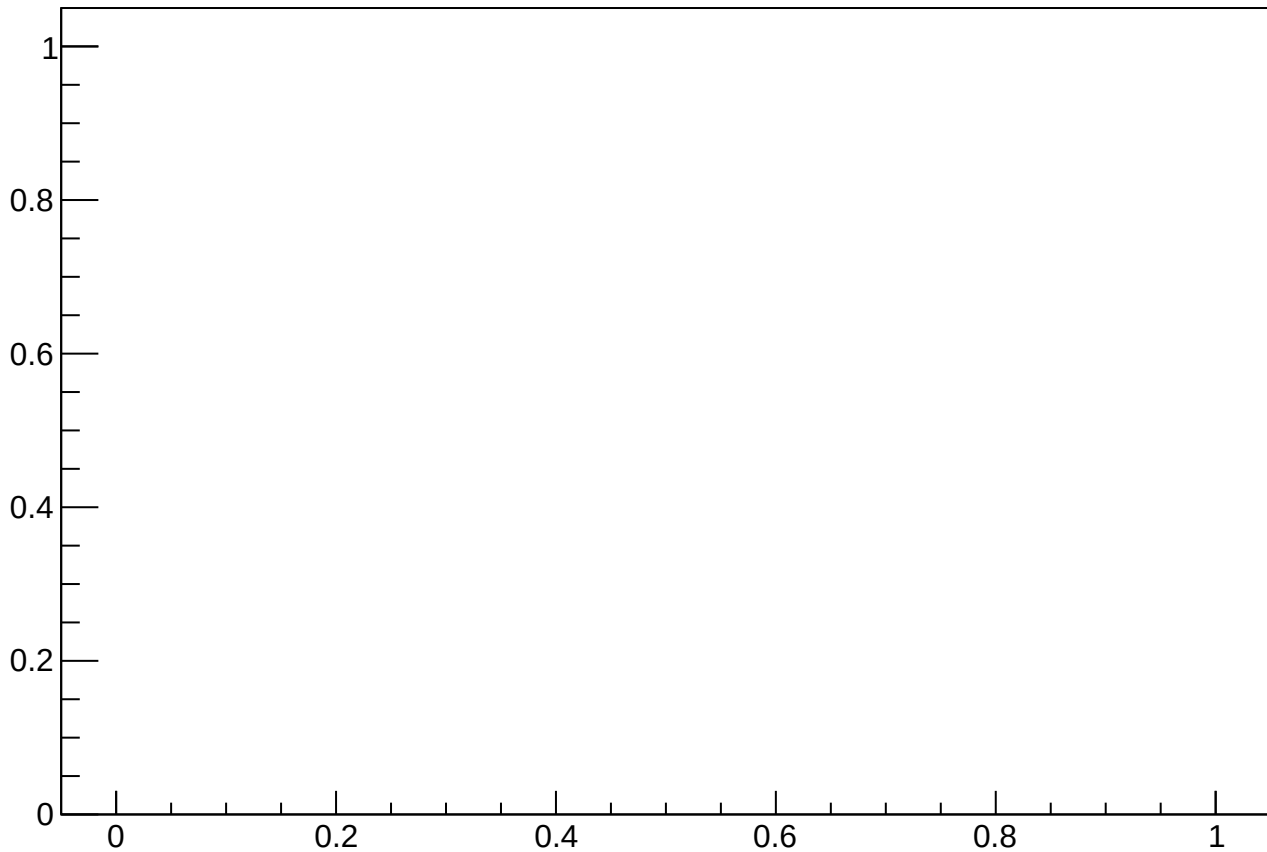
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_mean vs slug



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

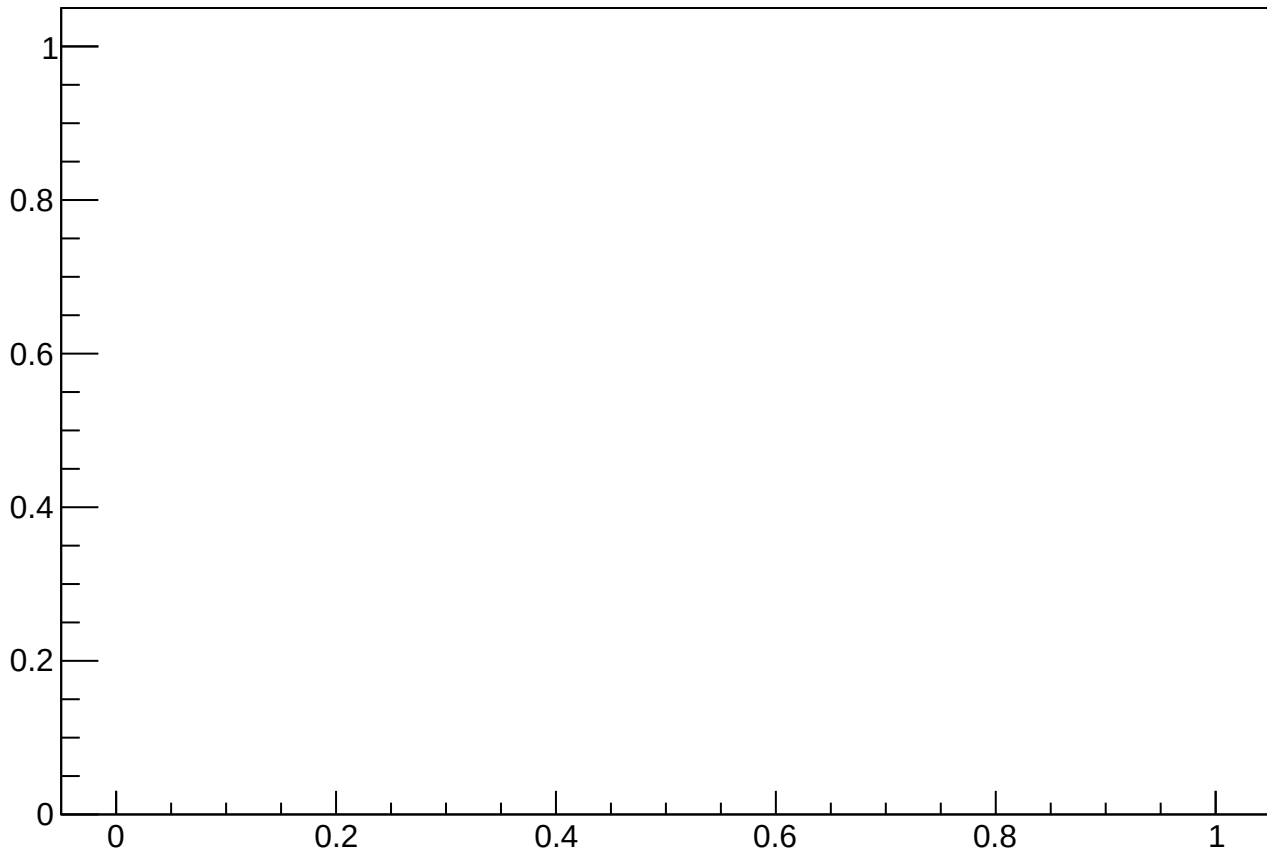
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_rms vs slug



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

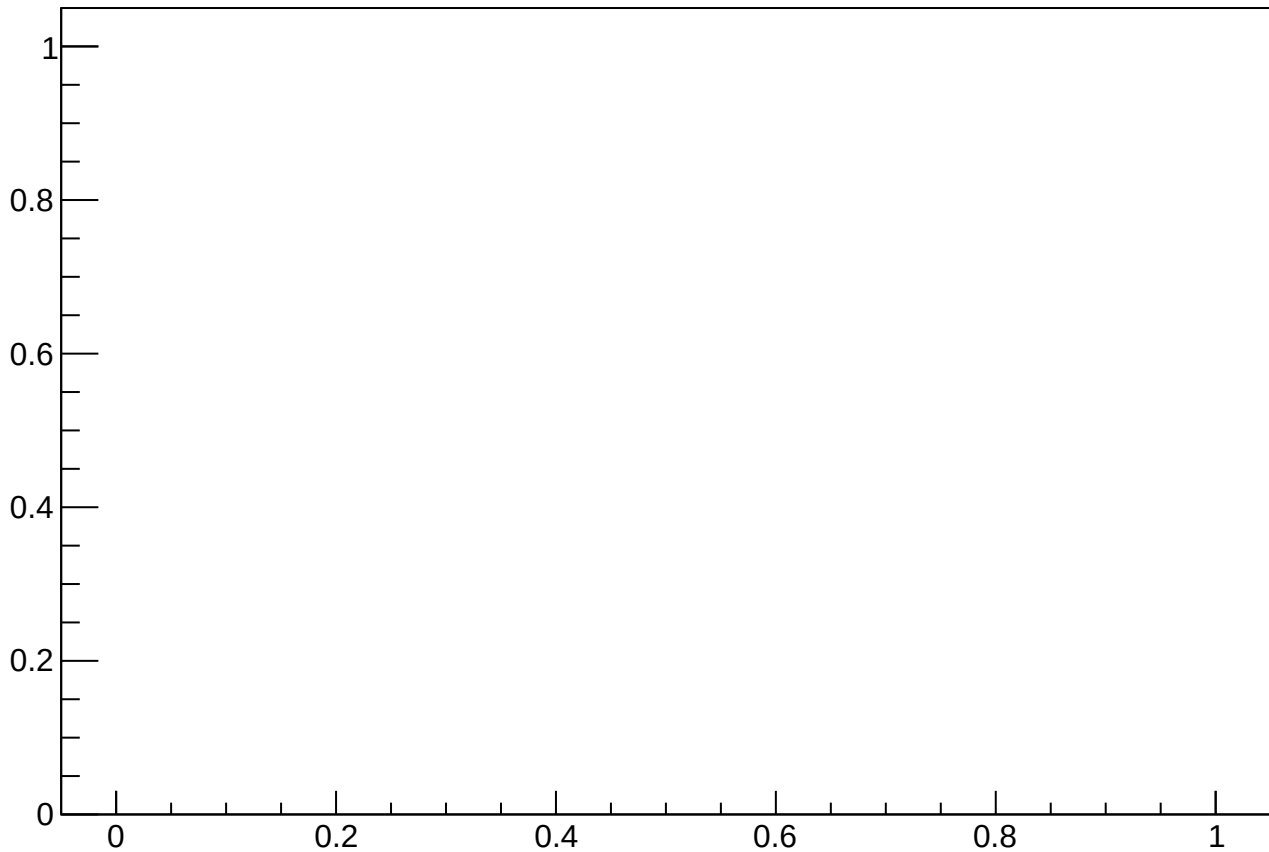
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_15_avg_mean vs slug



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

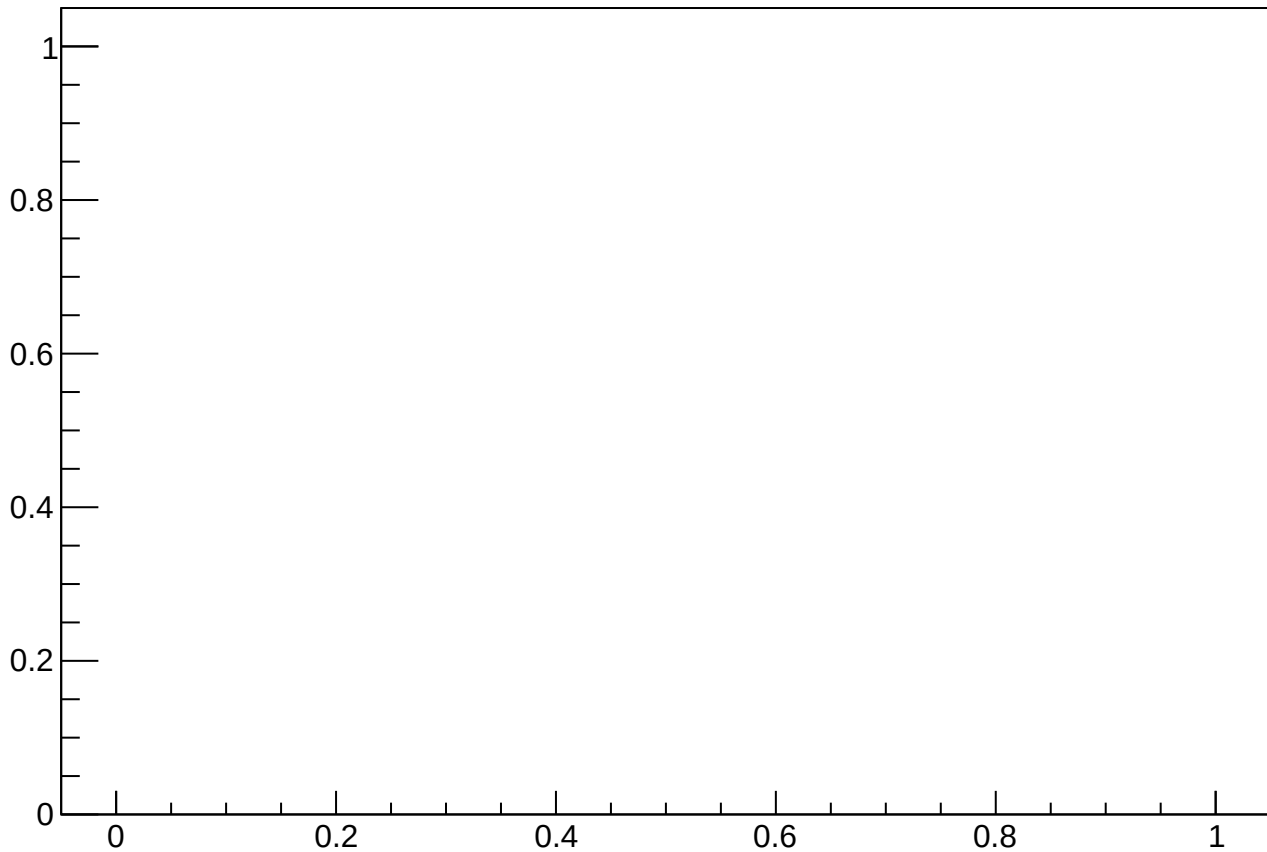
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

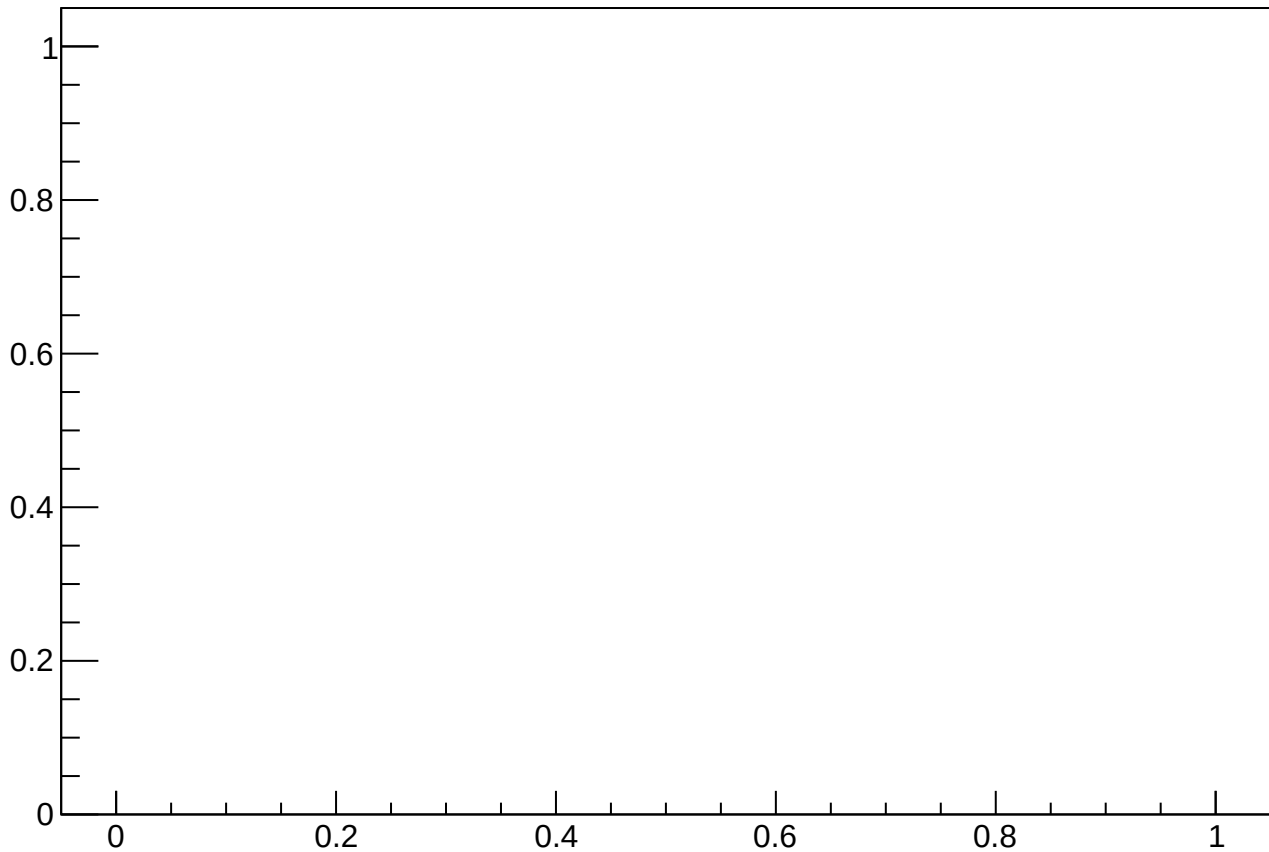
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_mean vs slug



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

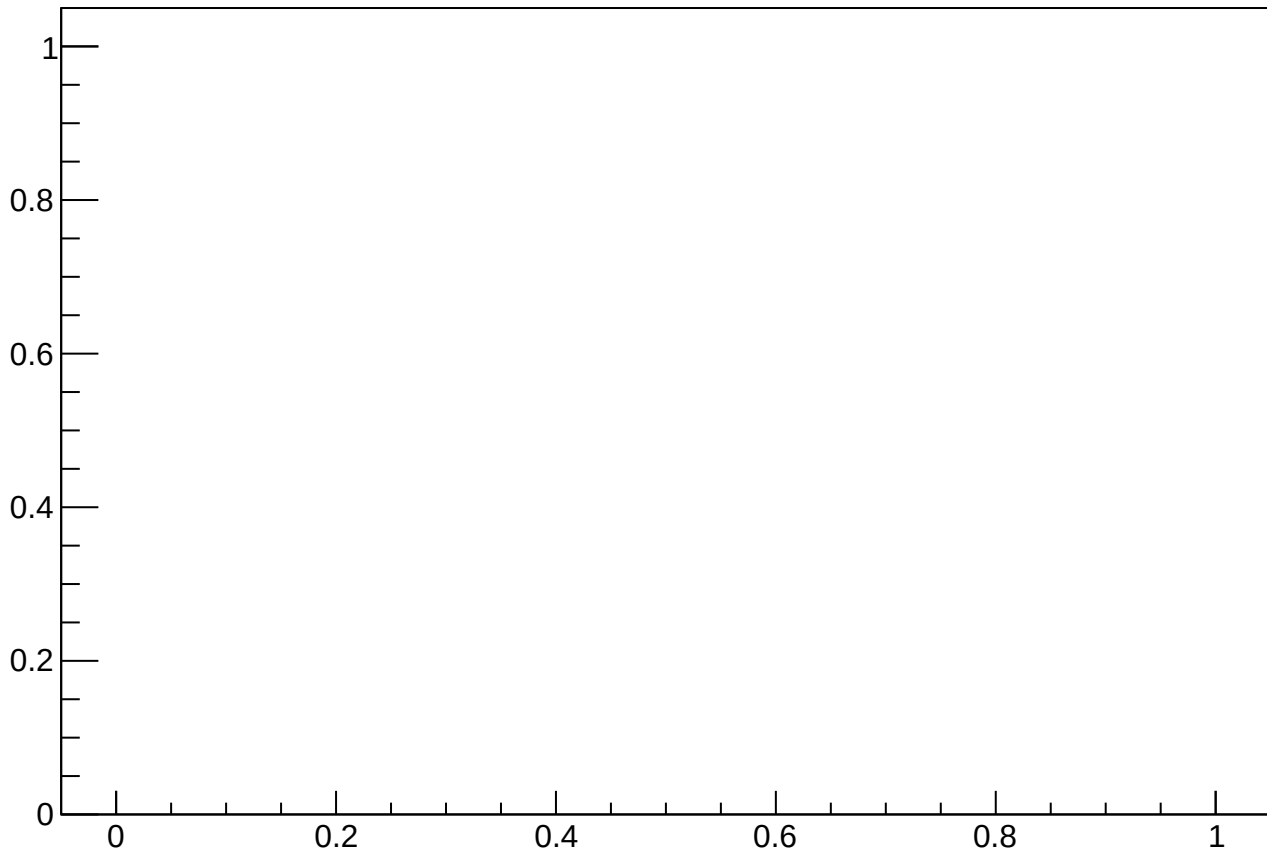
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



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

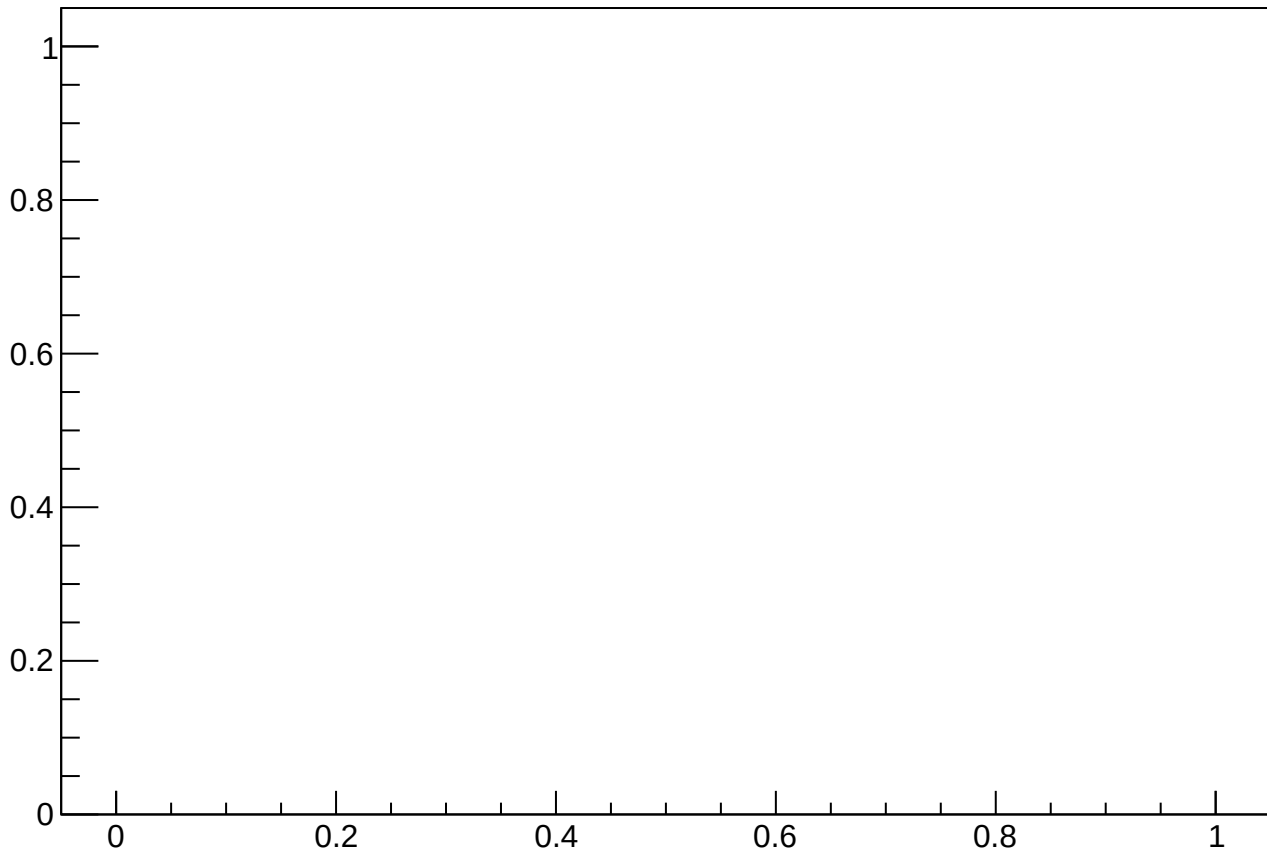
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_mean vs slug



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

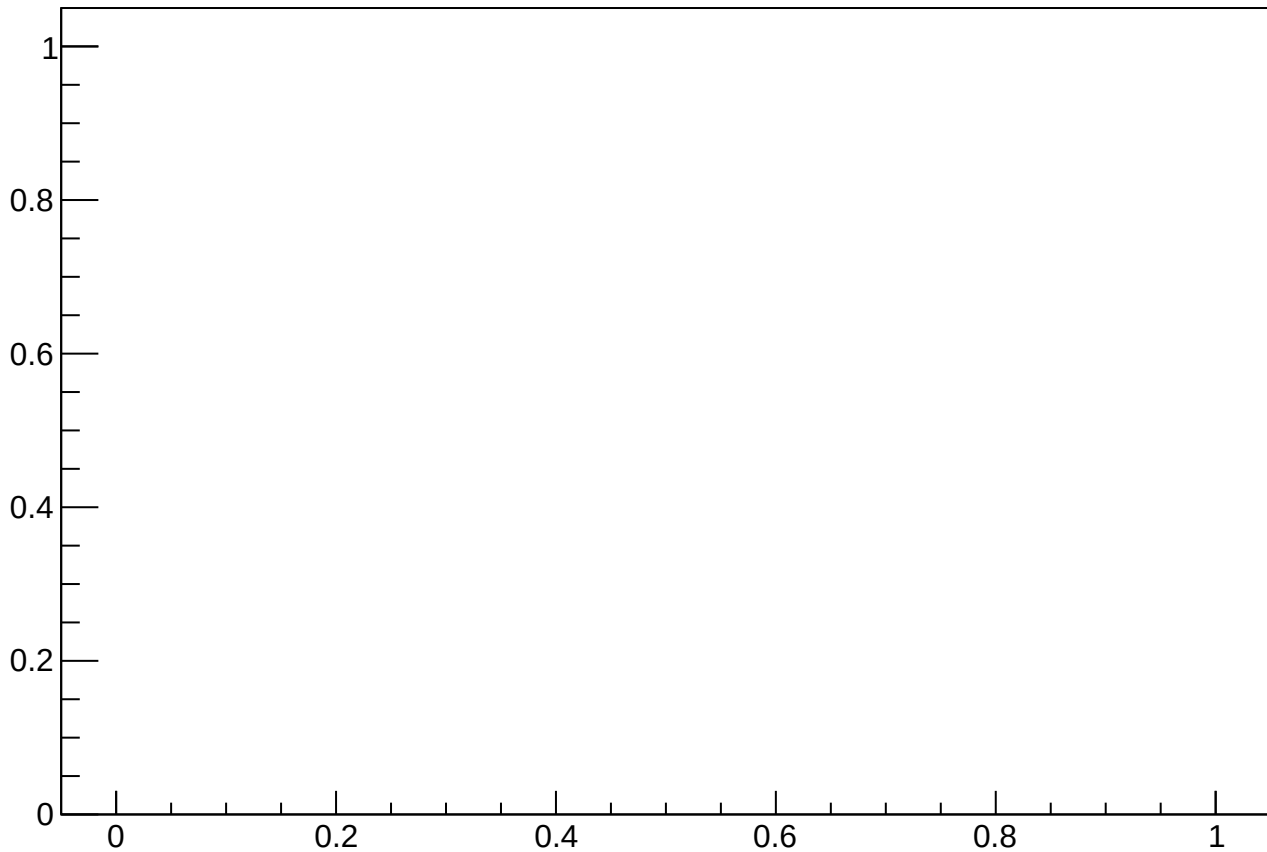
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

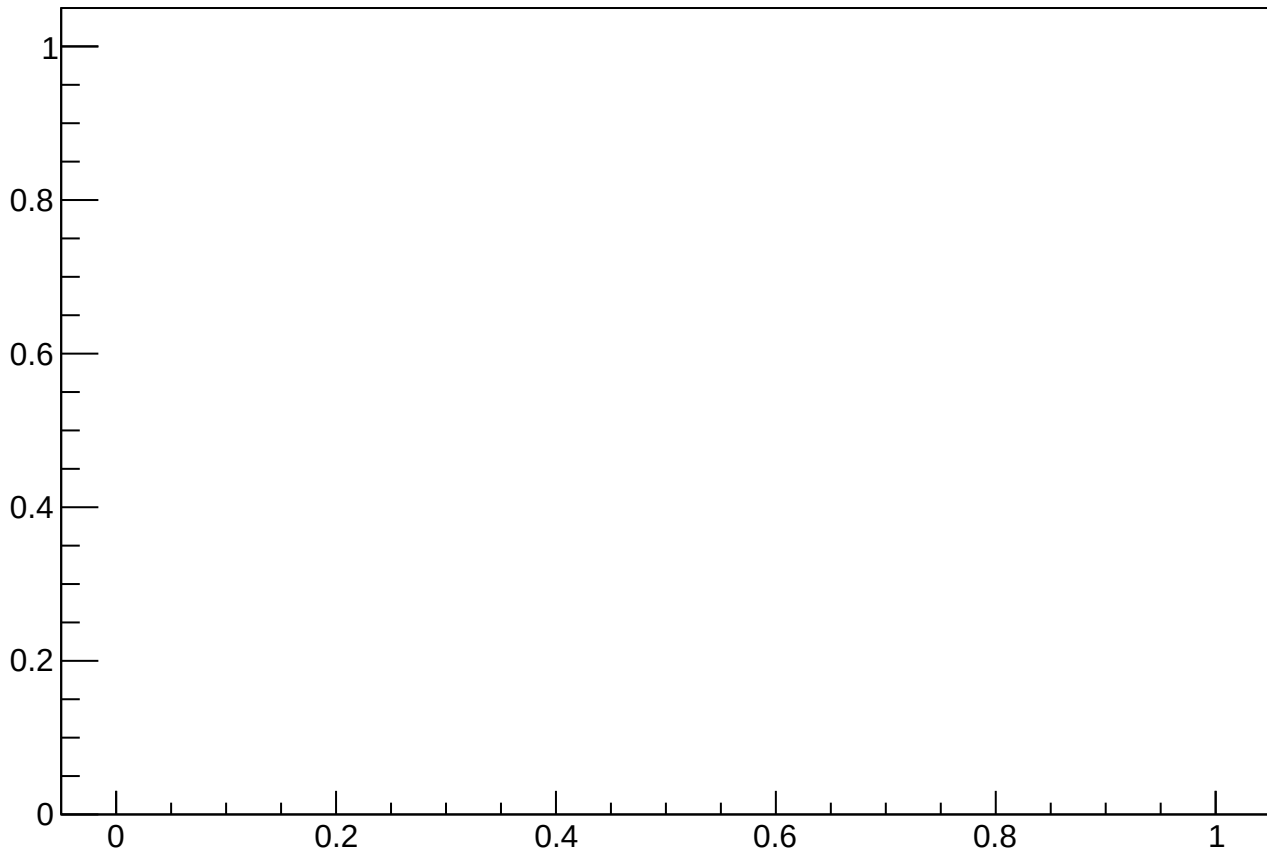
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_mean vs slug



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

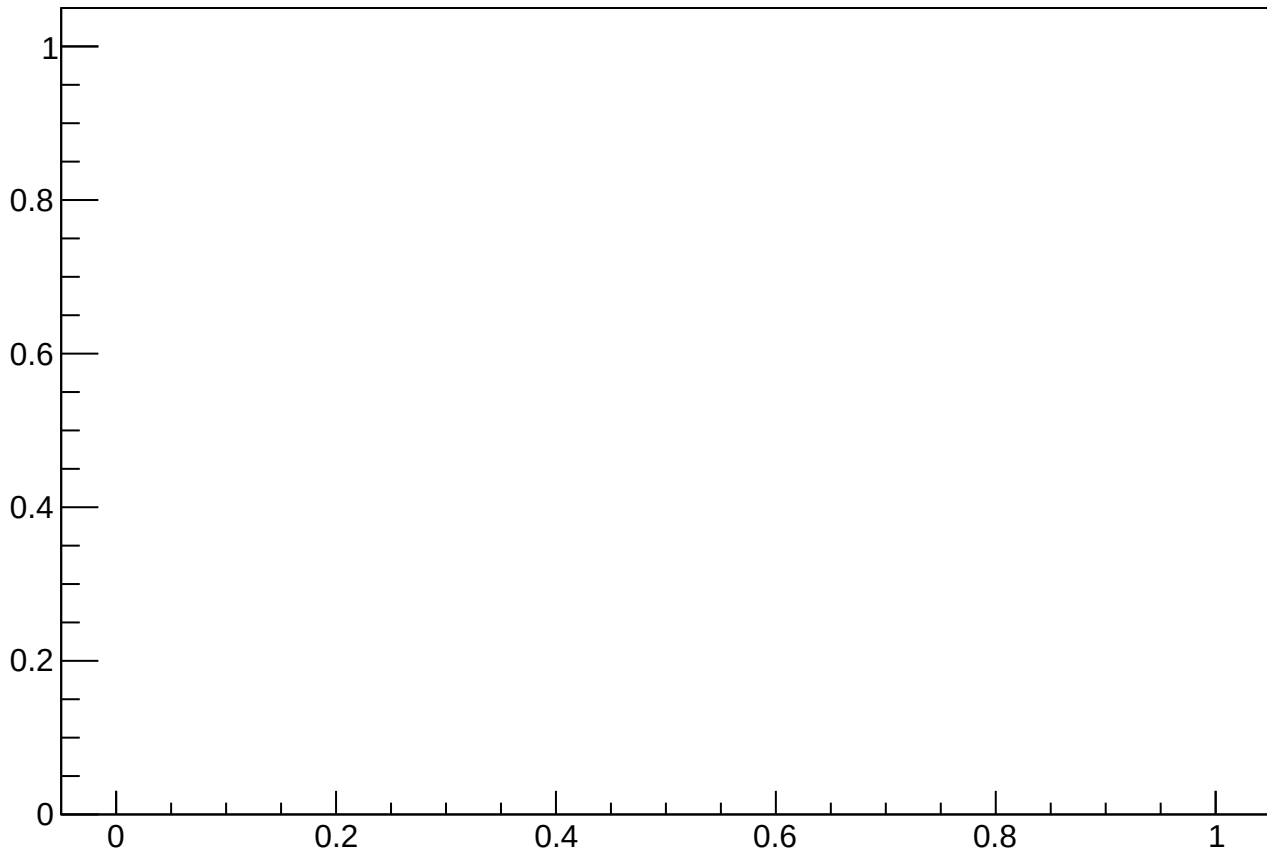
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_rms vs slug



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

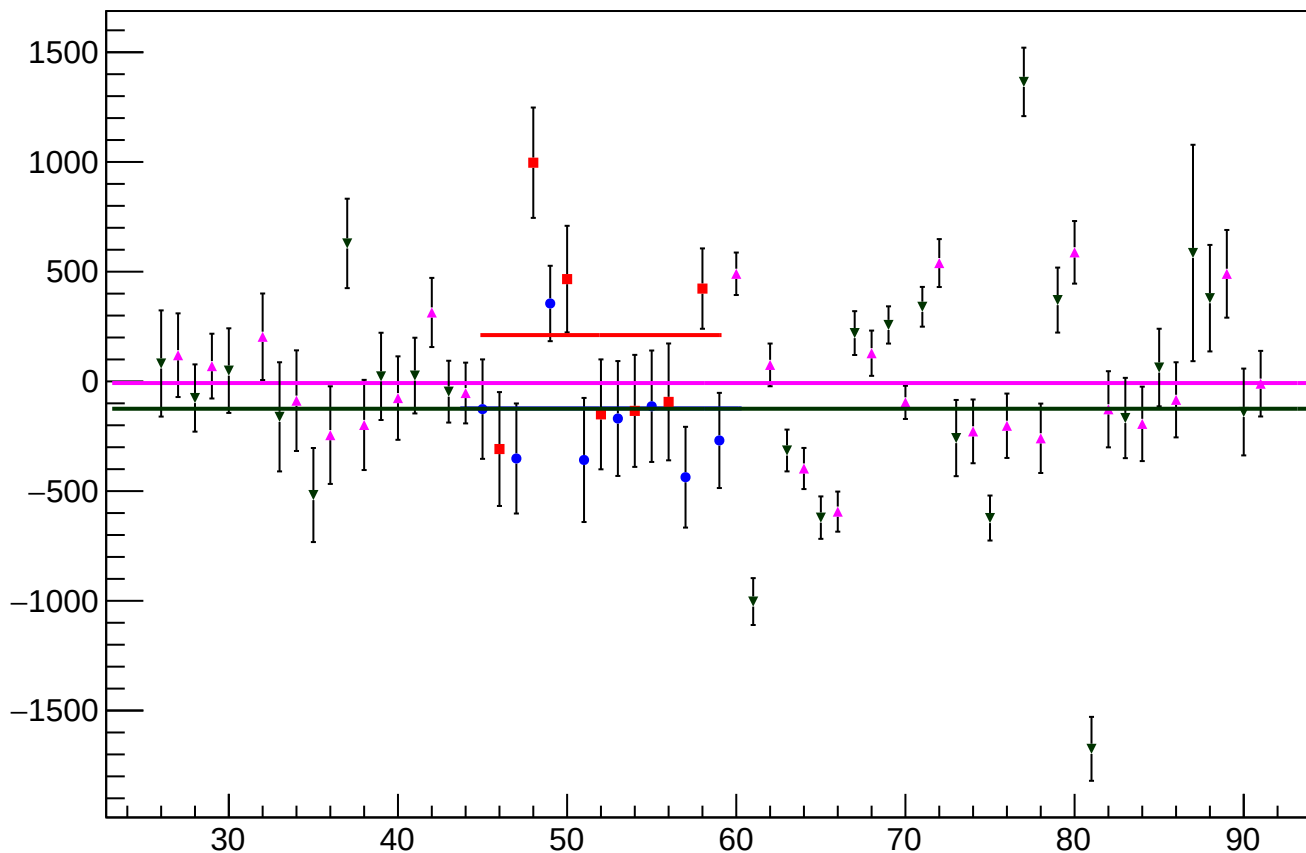
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -123.092 ± 81.084 χ^2/NDF : 11.6/7

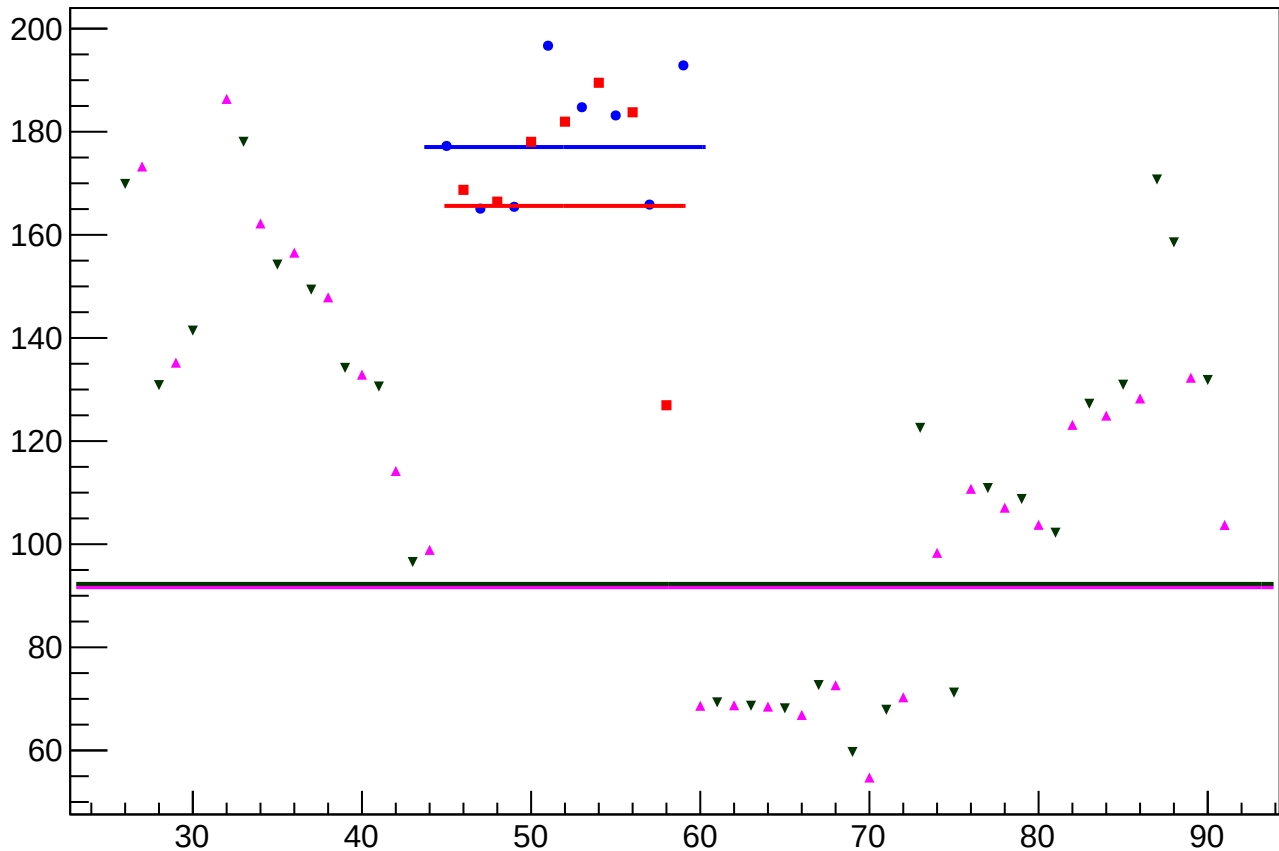
Left Out: -124.668 ± 27.797 χ^2/NDF : 424.1/24

Right Out: 211.037 ± 90.229 χ^2/NDF : 21.4/6

Left In: -7.546 ± 26.393 χ^2/NDF : 154.3/24

-54.907 ± 18.243 χ^2/NDF : 630.3/64

reg_asym_sam_15_avg_rms vs slug



Right In: 177.034 $\pm$ 0.057 χ^2 /NDF: 41608.6/7

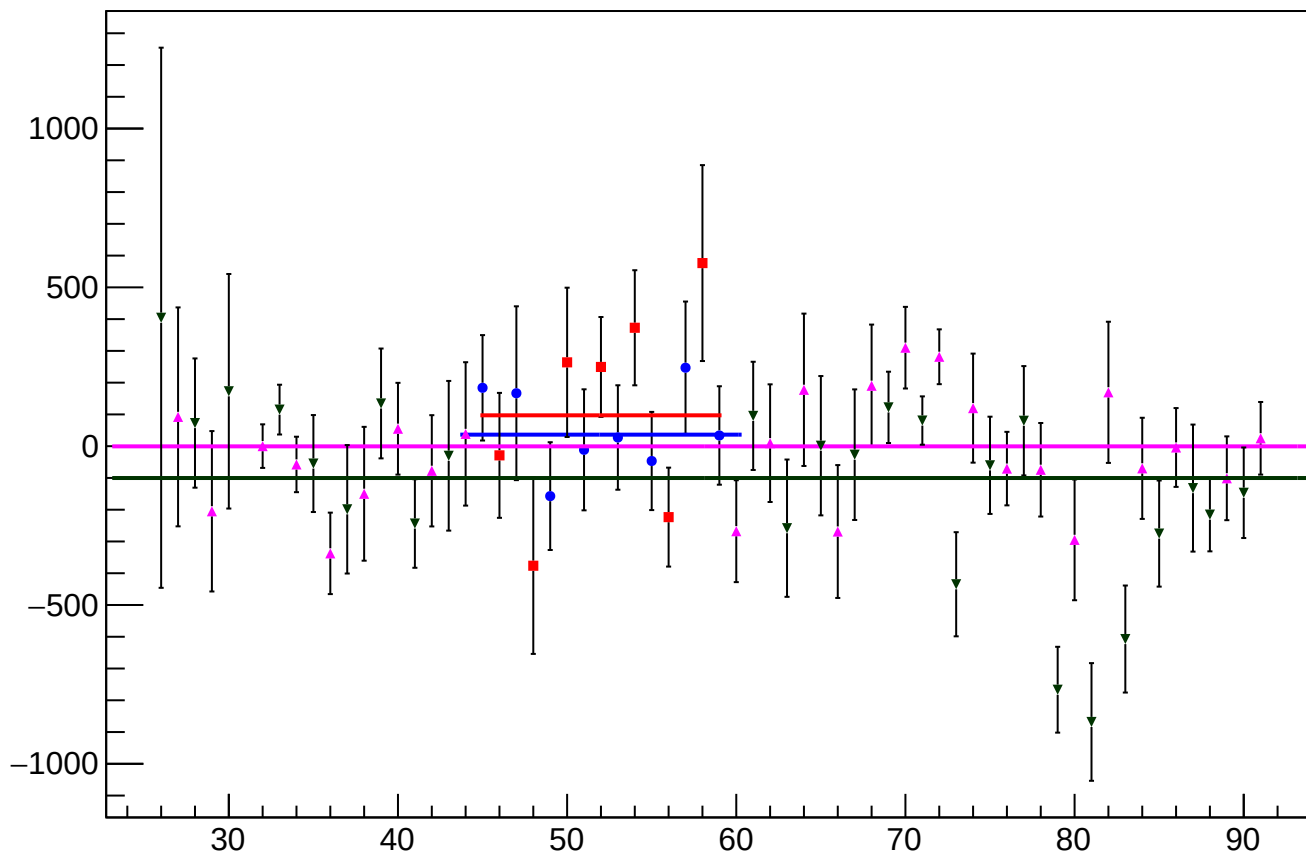
Left Out: 92.302 $\pm$ 0.020 χ^2 /NDF: 2726379.7/24

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

99.286 $\pm$ 0.013 χ^2 /NDF: 9277334.9/64

asym_sam_15_avg_correction_mean vs slug



Right In: 36.297 ± 62.561 χ^2/NDF : 3.7/7

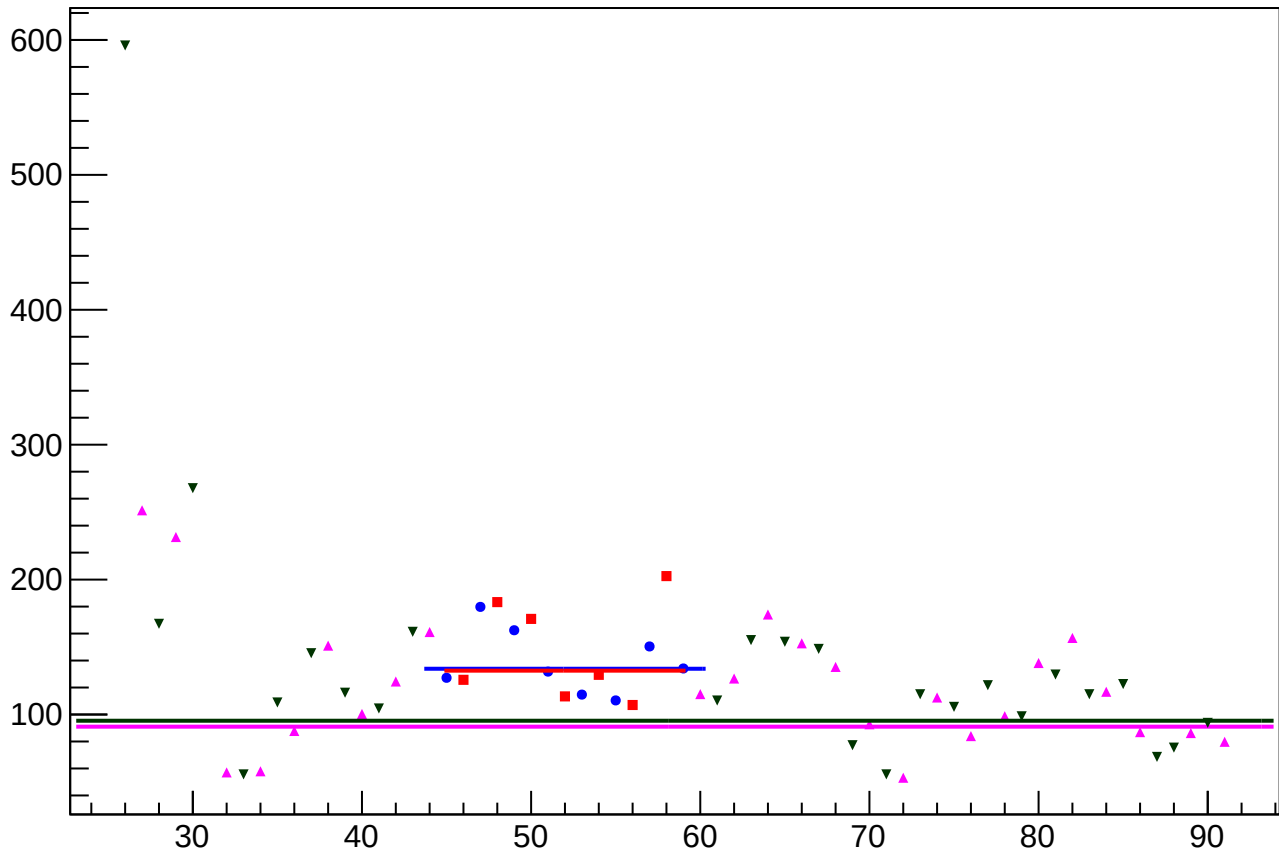
Left Out: -100.243 ± 29.670 χ^2/NDF : 82.4/24

Right Out: 97.169 ± 74.622 χ^2/NDF : 13.7/6

Left In: -0.561 ± 27.501 χ^2/NDF : 36.3/24

-30.378 ± 18.591 χ^2/NDF : 146.9/64

asym_sam_15_avg_correction_rms vs slug



Right In: 133.920+/-0.044 χ^2/NDF : 202167.7/7

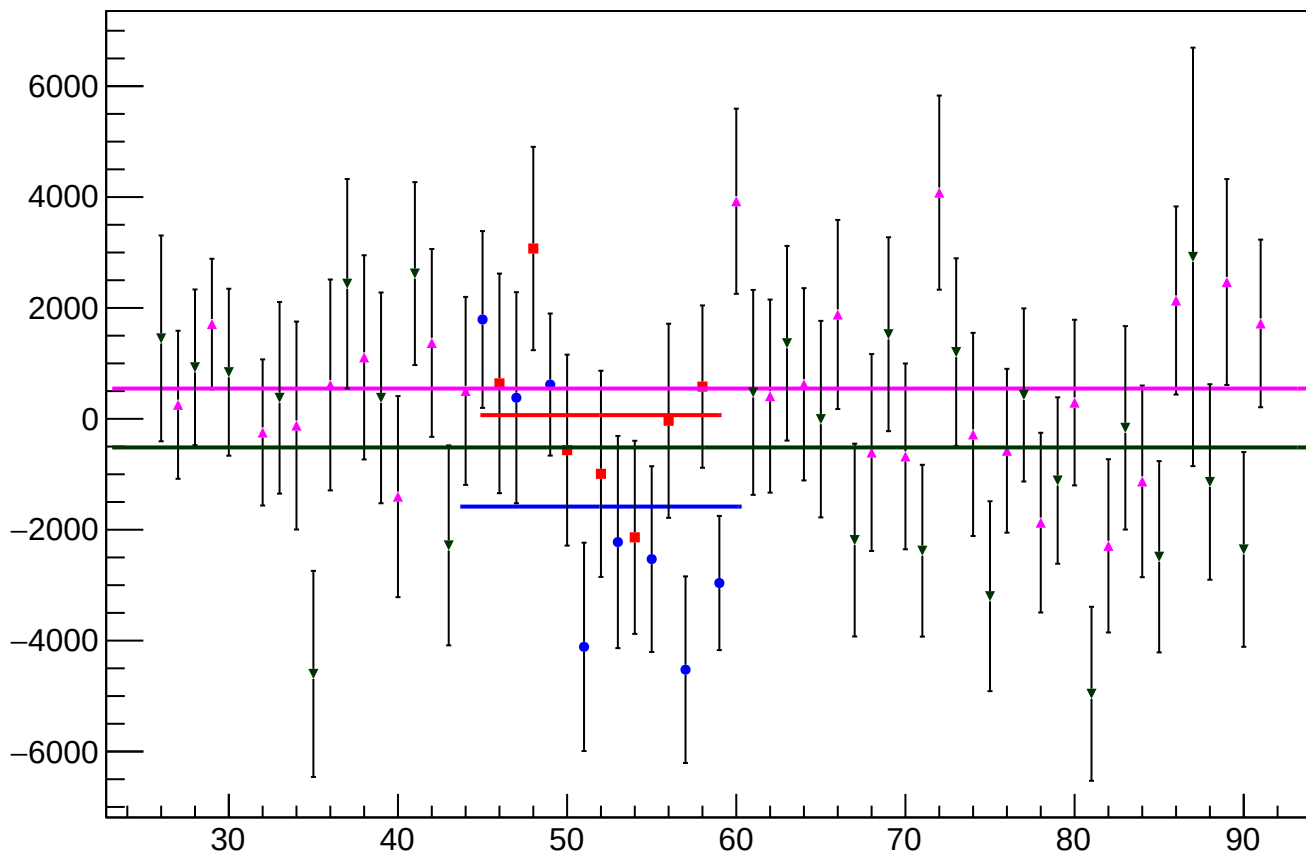
Left Out: 95.388+/-0.021 χ^2/NDF : 3598436.5/24

Right Out: 132.506+/-0.053 χ^2/NDF : 309444.1/6

Left In: 90.985+/-0.019 χ^2/NDF : 3711268.0/24

99.082+/-0.013 χ^2/NDF : 9047162.9/64

reg_asym_sam_26_avg_mean vs slug



Right In: -1582.654+/-556.686 χ^2/NDF : 15.1/7

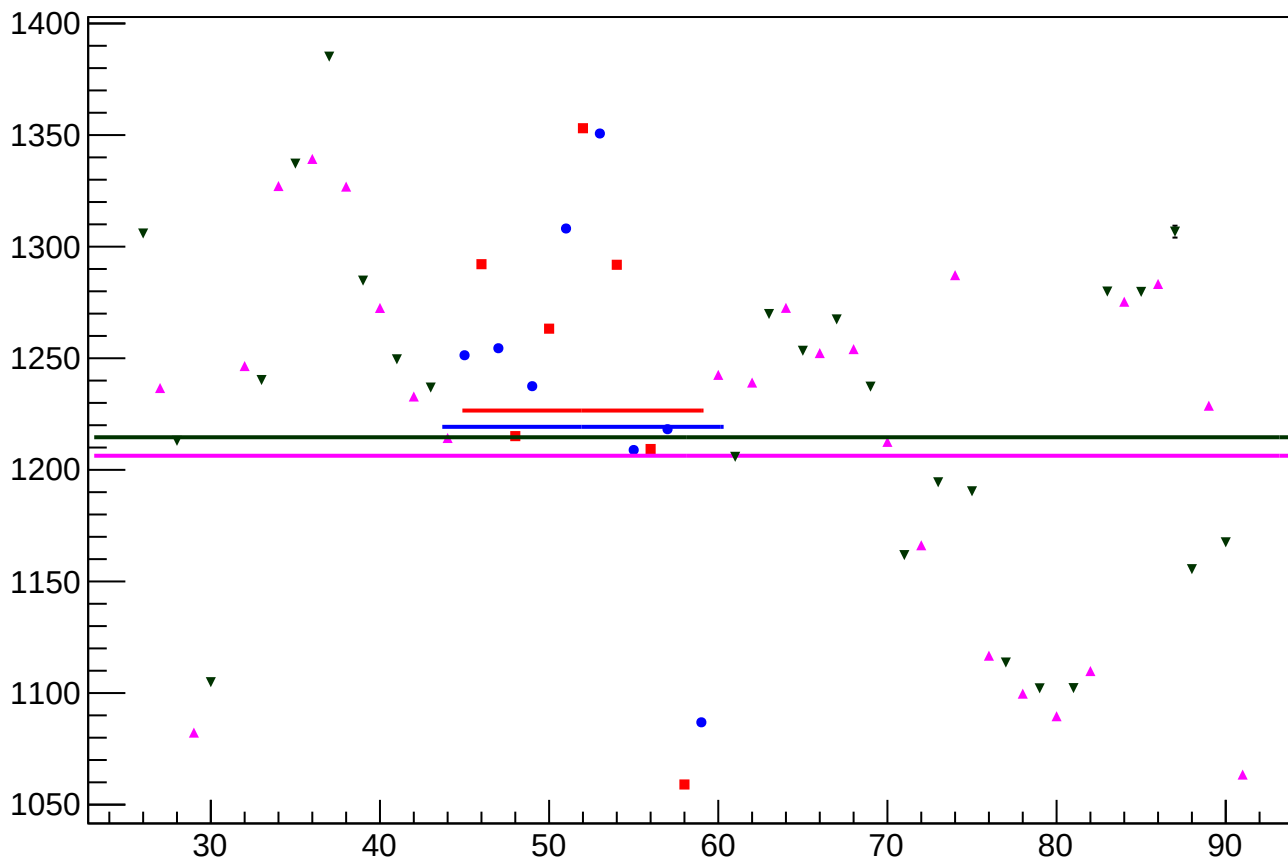
Left Out: -516.008+/-344.922 χ^2/NDF : 36.0/24

Right Out: 67.407+/-659.178 χ^2/NDF : 5.0/6

Left In: 546.368+/-324.726 χ^2/NDF : 22.6/24

-175.414+/-206.649 χ^2/NDF : 91.1/64

reg_asym_sam_26_avg_rms vs slug



Right In: 1219.276 $\pm$ 0.394 χ^2 /NDF: 39823.5/7

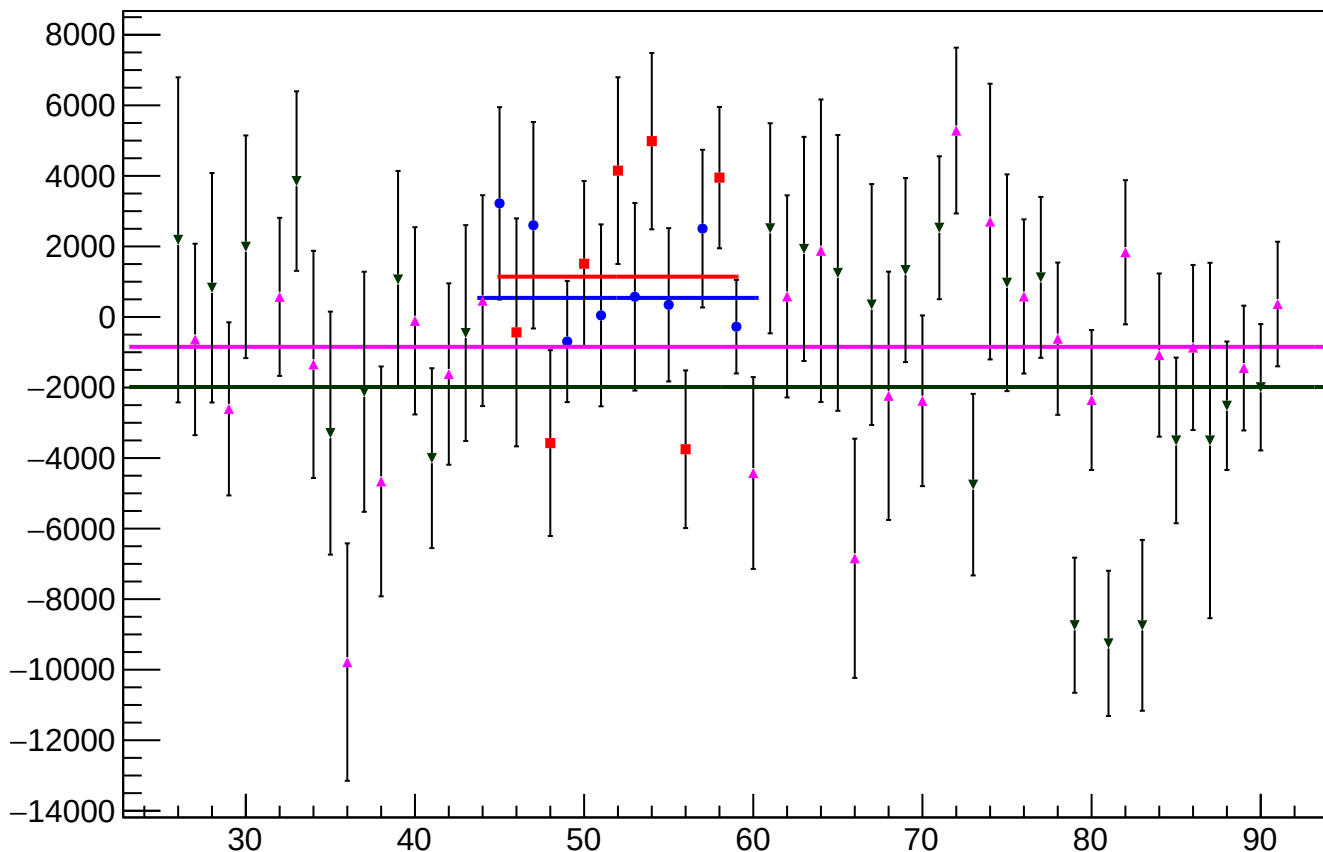
Left Out: 1214.607 $\pm$ 0.244 χ^2 /NDF: 93127.3/24

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

1213.072 $\pm$ 0.146 χ^2 /NDF: 305281.9/64

asym_sam_26_avg_correction_mean vs slug



Right In: 541.036 $\pm$ 732.877 χ^2 /NDF: 3.2/7

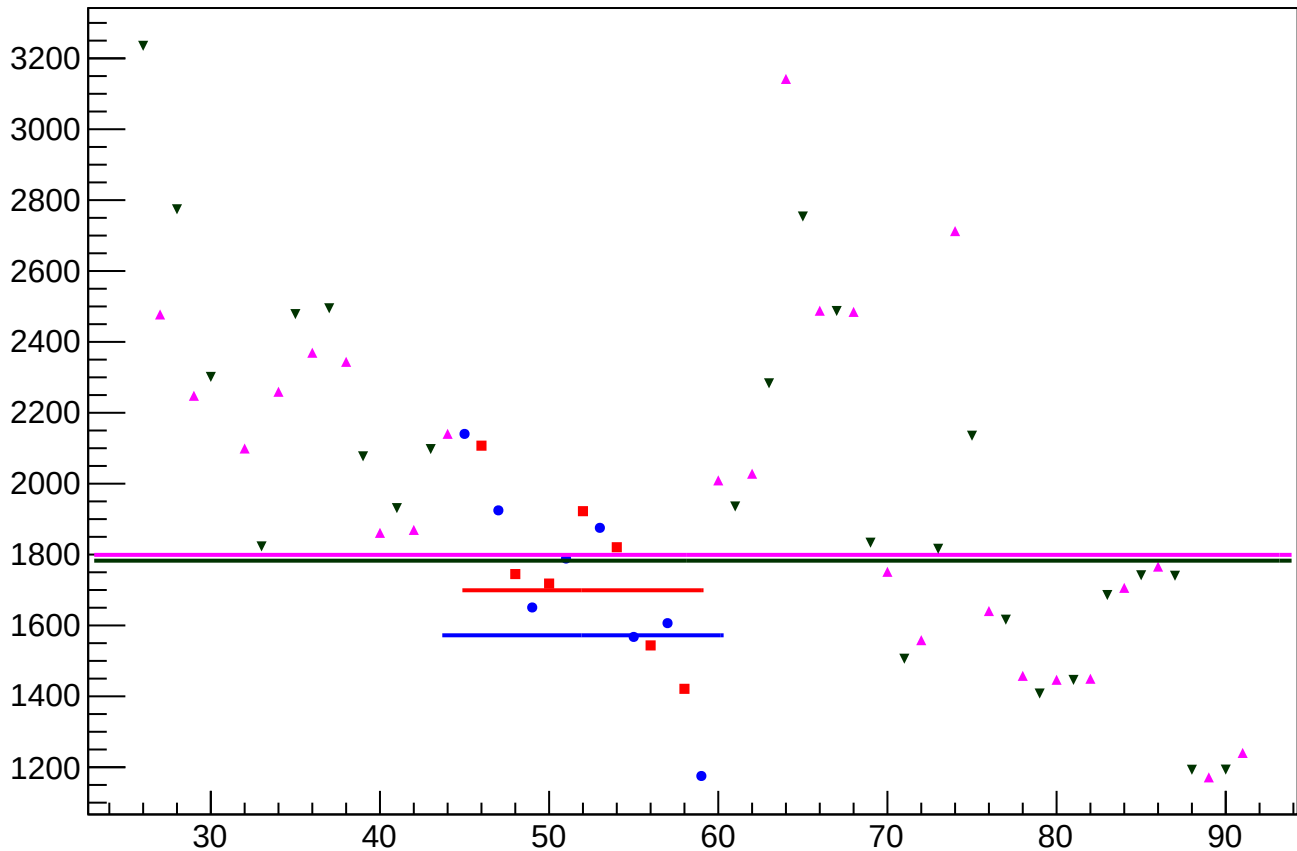
Left Out: -1985.607 $\pm$ 523.466 χ^2 /NDF: 59.2/24

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

-775.266 $\pm$ 305.804 χ^2 /NDF: 115.9/64

asym_sam_26_avg_correction_rms vs slug



Right In: 1572.188+/-0.518 χ^2/NDF : 339602.0/7

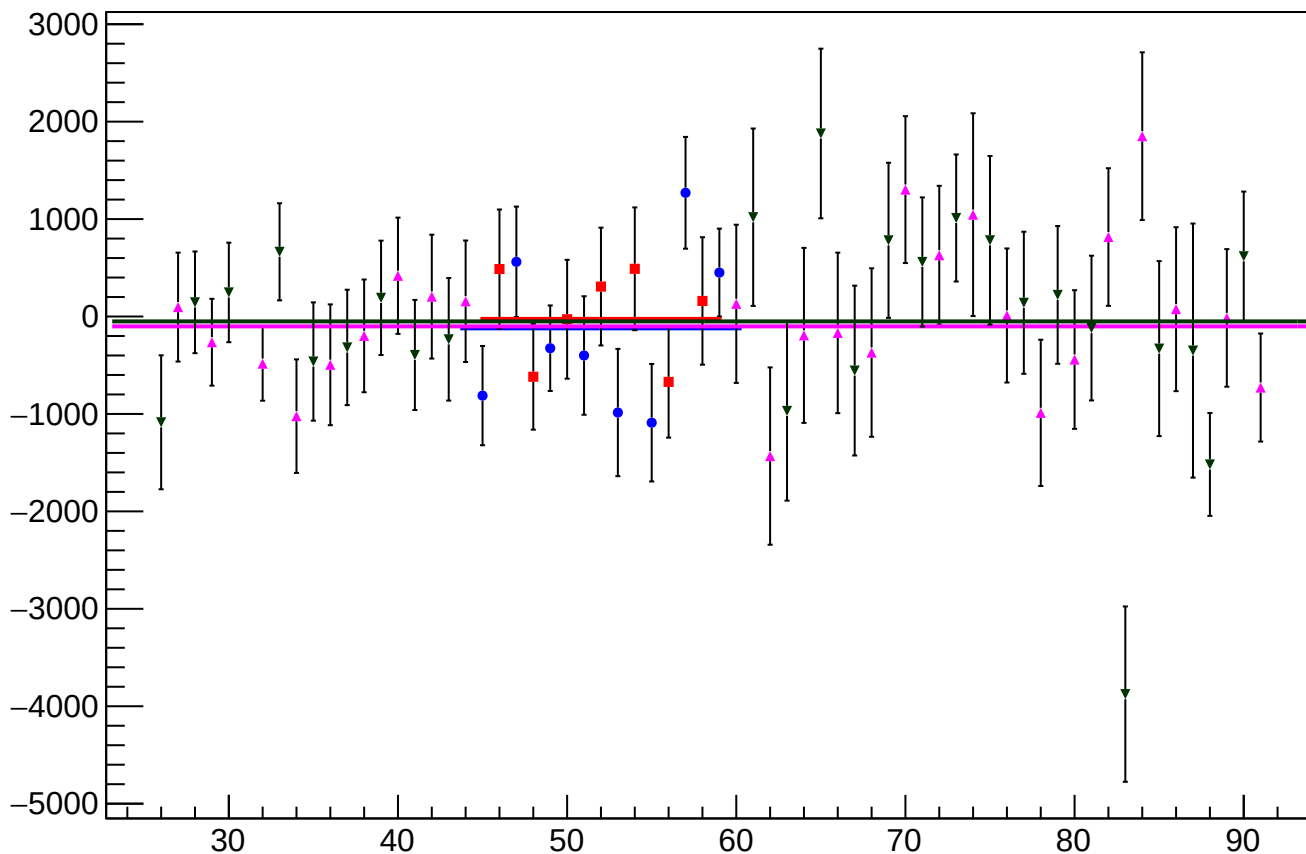
Left Out: 1782.755+/-0.370 χ^2/NDF :1553718.2/24

Right Out: 1699.216+/-0.653 χ^2/NDF : 99764.4/6

Left In: 1799.151+/-0.353 χ^2/NDF :1558624.4/24

1743.069+/-0.216 χ^2/NDF : 3701665.0/64

reg_asym_sam_37_avg_mean vs slug



Right In: -121.406+/-189.307 χ^2/NDF : 15.5/7

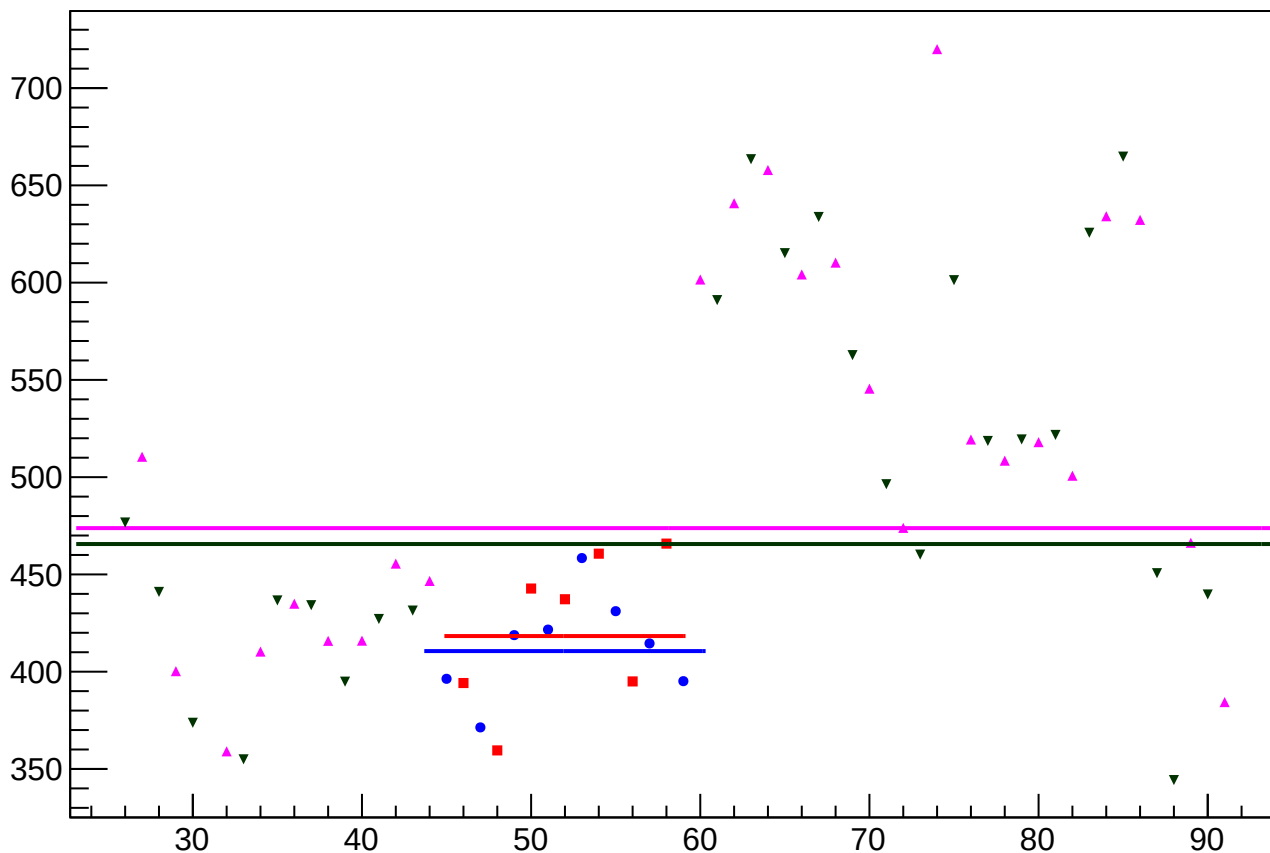
Left Out: -50.181+/-134.894 χ^2/NDF : 46.4/24

Right Out: -24.243+/-227.017 χ^2/NDF : 4.2/6

Left In: -101.284+/-130.333 χ^2/NDF : 23.3/24

-78.062+/-78.778 χ^2/NDF : 89.6/64

reg_asym_sam_37_avg_rms vs slug



Right In: 410.592 $\pm$ 0.134 χ^2 /NDF: 27976.6/7

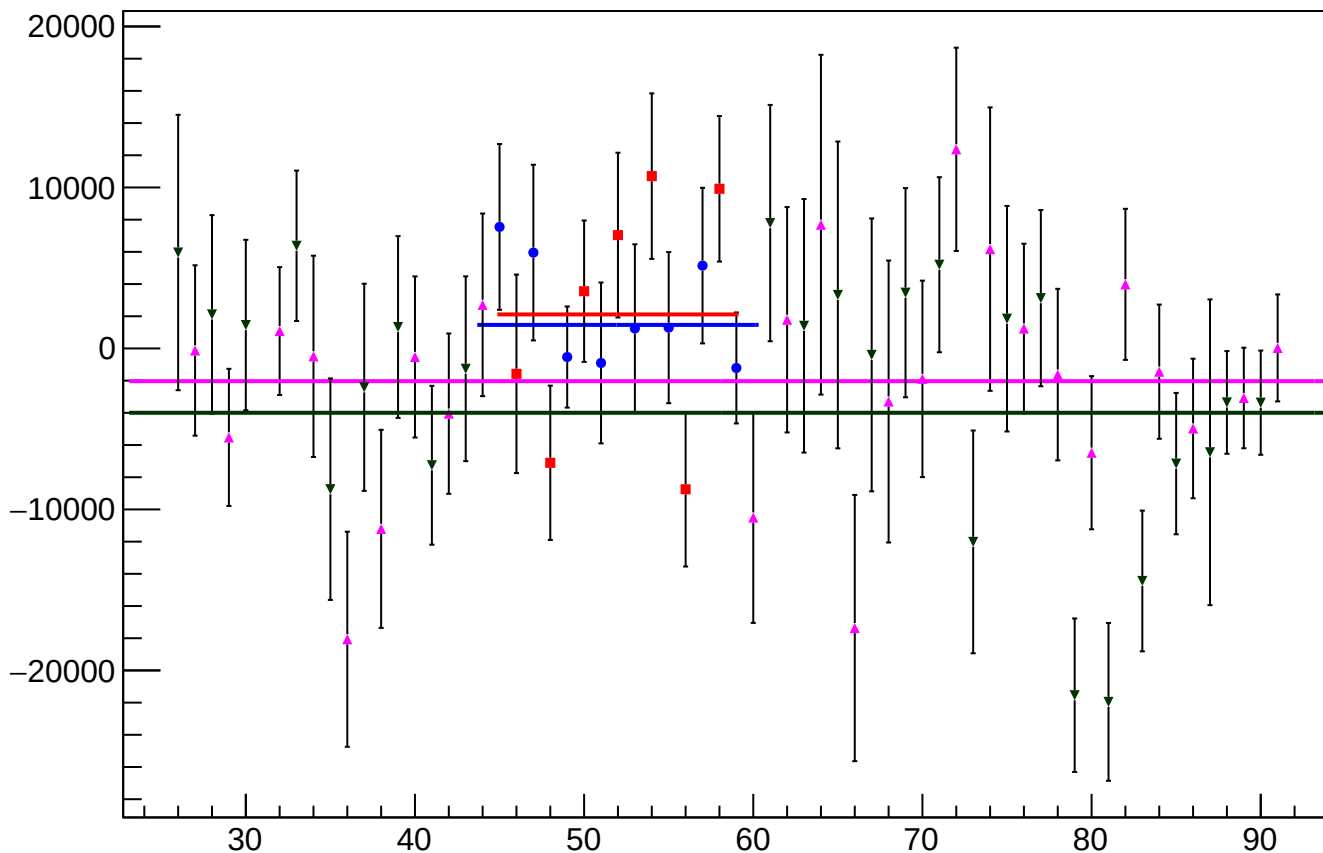
Left Out: 465.620 $\pm$ 0.095 χ^2 /NDF: 874048.7/24

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

453.384 $\pm$ 0.056 χ^2 /NDF: 2140638.0/64

asym_sam_37_avg_correction_mean vs slug



Right In: 1463.003 $\pm$ 1539.945 χ^2 /NDF: 3.9/7

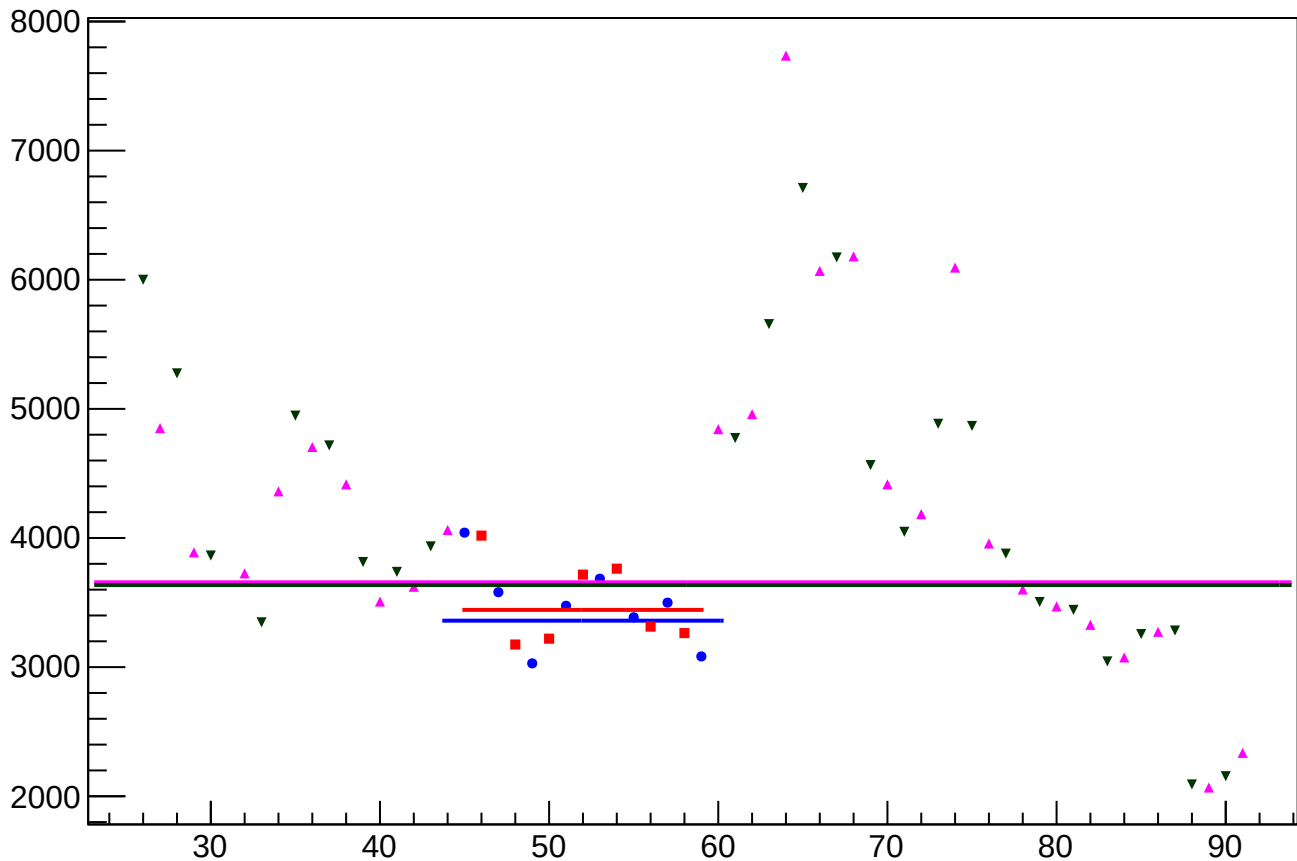
Left Out: -3995.291 $\pm$ 1080.890 χ^2 /NDF:55.5/24

Right Out: 2114.067 $\pm$ 1856.793 χ^2 /NDF: 16.0/6

Left In: -2031.563 $\pm$ 1026.052 χ^2 /NDF:26.7/24

-1636.238 $\pm$ 630.250 χ^2 /NDF: 115.1/64

asym_sam_37_avg_correction_rms vs slug



Right In: 3359.789 $\pm$ 1.089 χ^2 /NDF: 83920.5/7

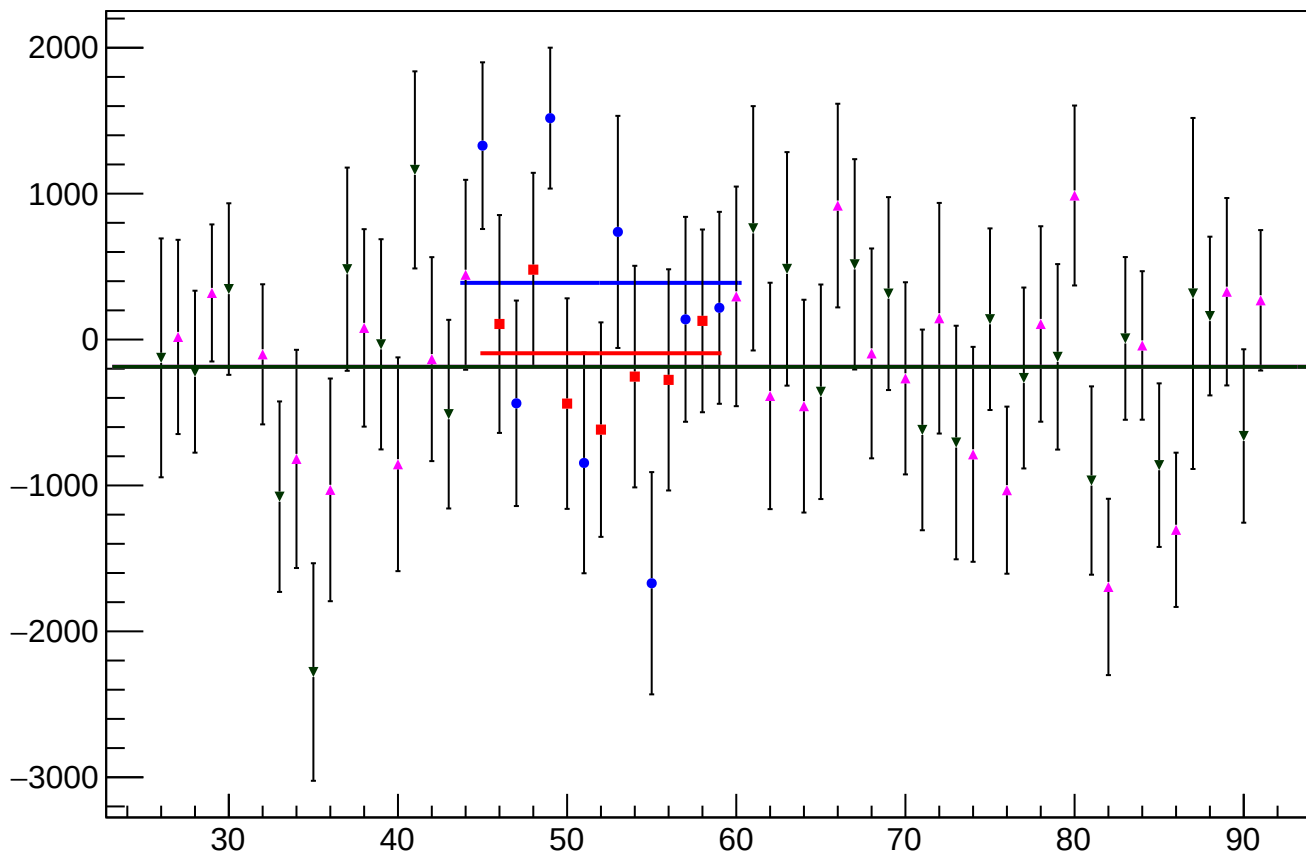
Left Out: 3635.602 $\pm$ 0.764 χ^2 /NDF: 2139354.9/24

Right Out: 3443.251 $\pm$ 1.313 χ^2 /NDF: 46832.0/6

Left In: 3656.871 $\pm$ 0.726 χ^2 /NDF: 2101577.5/24

3575.267 $\pm$ 0.446 χ^2 /NDF: 4439835.8/64

reg_asym_sam_48_avg_mean vs slug



Right In: 388.560 $\pm$ 230.871 χ^2 /NDF: 19.9/7

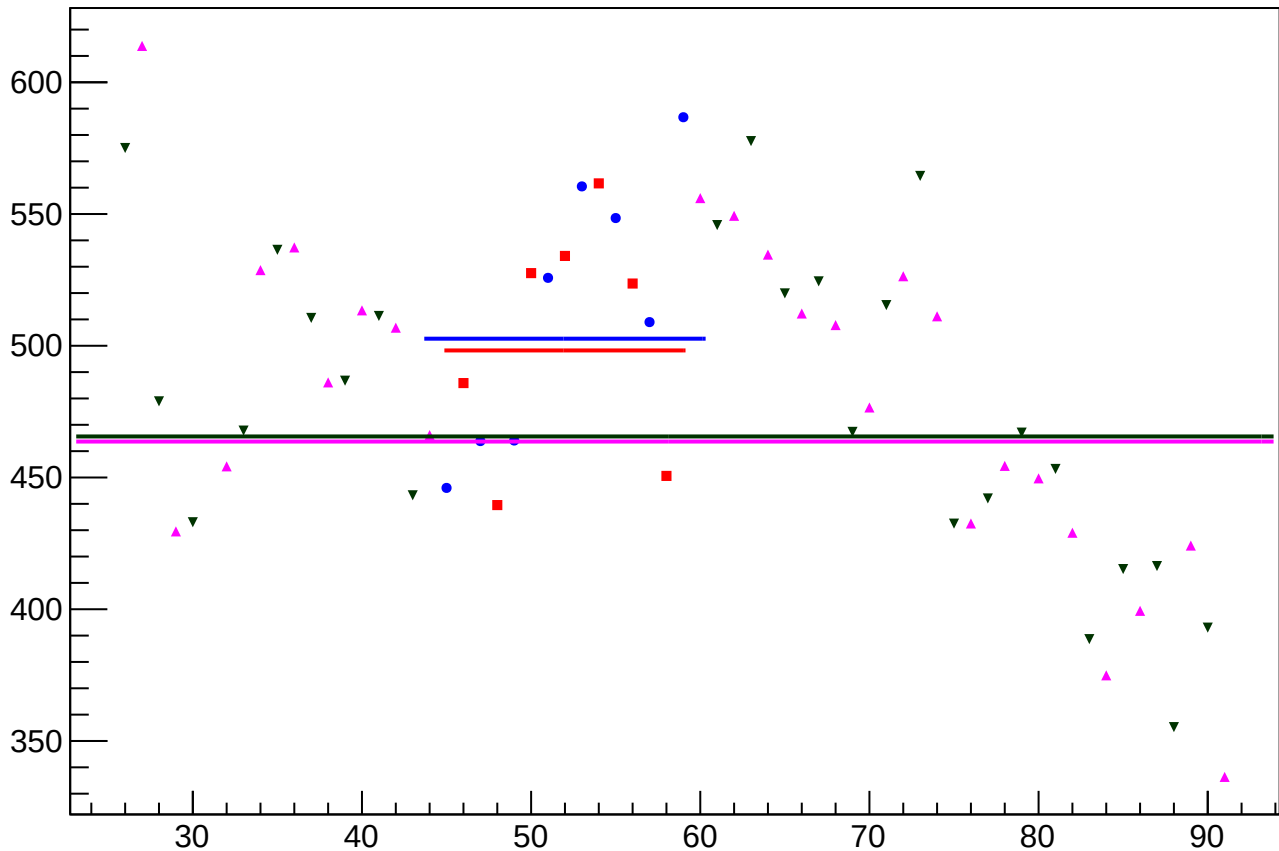
Left Out: -186.940 $\pm$ 133.116 χ^2 /NDF: 24.7/24

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

-107.348 $\pm$ 81.108 χ^2 /NDF: 79.2/64

reg_asym_sam_48_avg_rms vs slug



Right In: 502.686 ± 0.163 χ^2/NDF : 91024.8/7

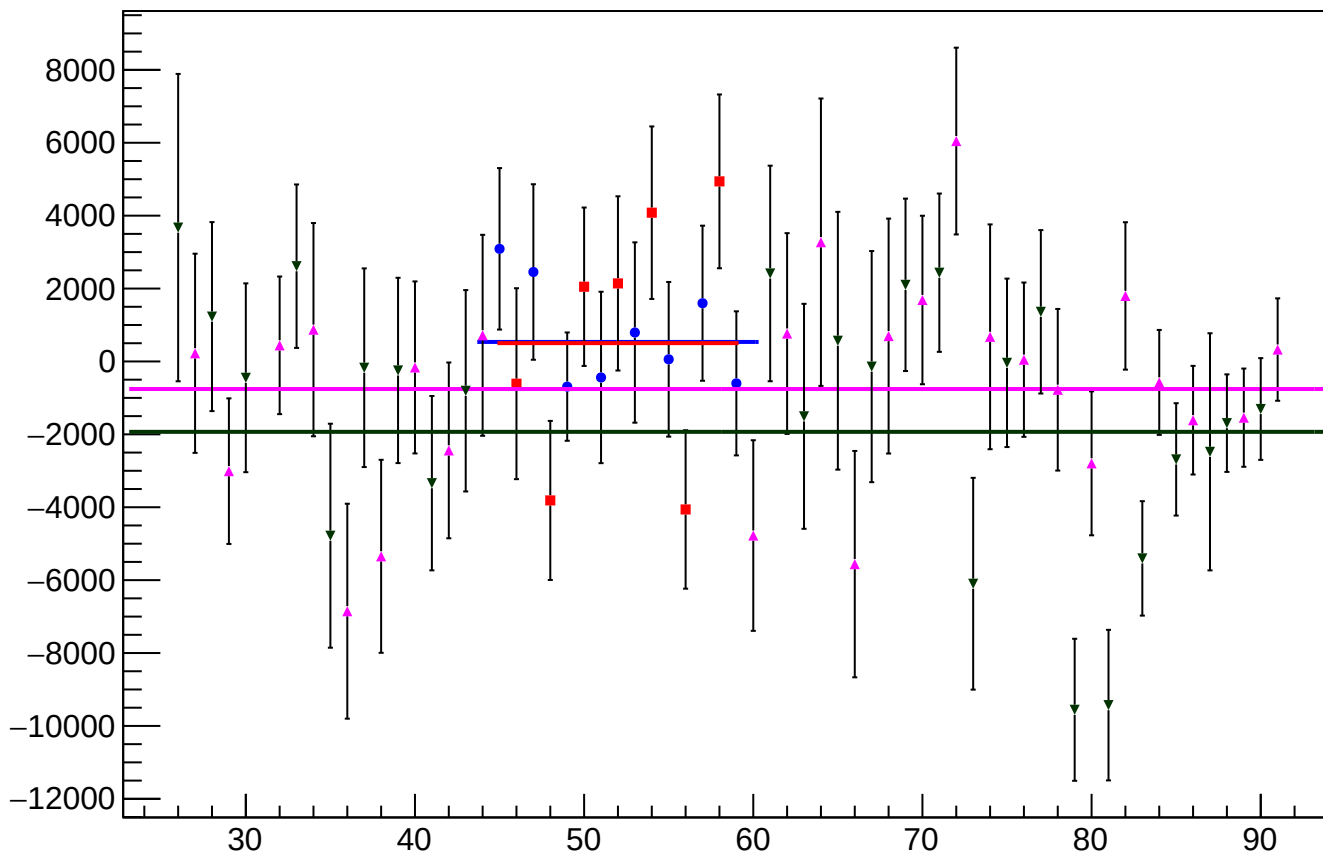
Left Out: 465.580 ± 0.094 χ^2/NDF : 384512.6/24

Right Out: 498.226 ± 0.190 χ^2/NDF : 52012.1/6

Left In: 463.645 ± 0.089 χ^2/NDF : 530017.8/24

472.337 ± 0.057 χ^2/NDF : 1125366.4/64

asym_sam_48_avg_correction_mean vs slug



Right In: 535.503 $\pm$ 730.782 χ^2 /NDF: 3.5/7

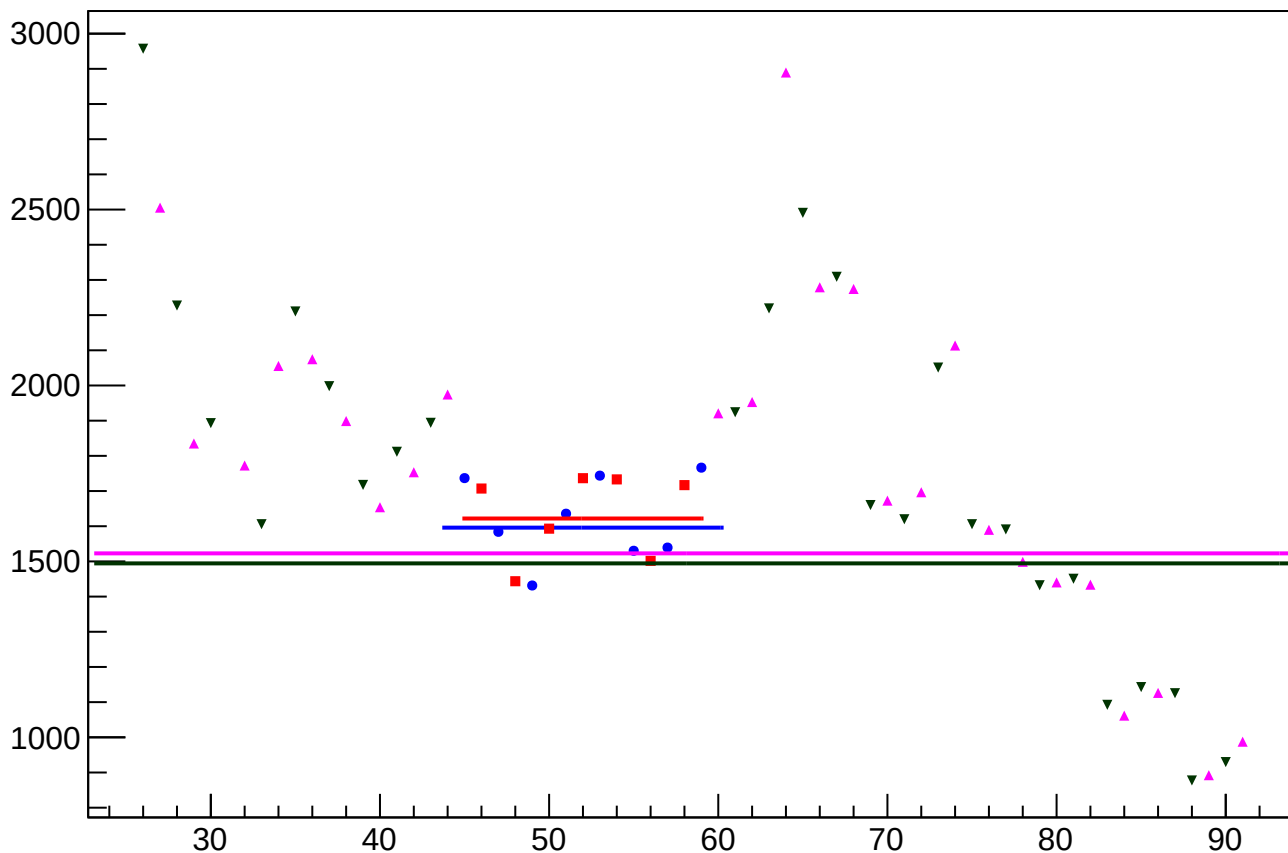
Left Out: -1931.209 $\pm$ 445.478 χ^2 /NDF: 58.6/24

Right Out: 502.424 $\pm$ 874.162 χ^2 /NDF: 15.2/6

Left In: -756.090 $\pm$ 429.249 χ^2 /NDF: 29.0/24

-892.087 $\pm$ 270.691 χ^2 /NDF: 118.2/64

asym_sam_48_avg_correction_rms vs slug



Right In: 1595.974+/-0.517 χ^2/NDF : 58538.8/7

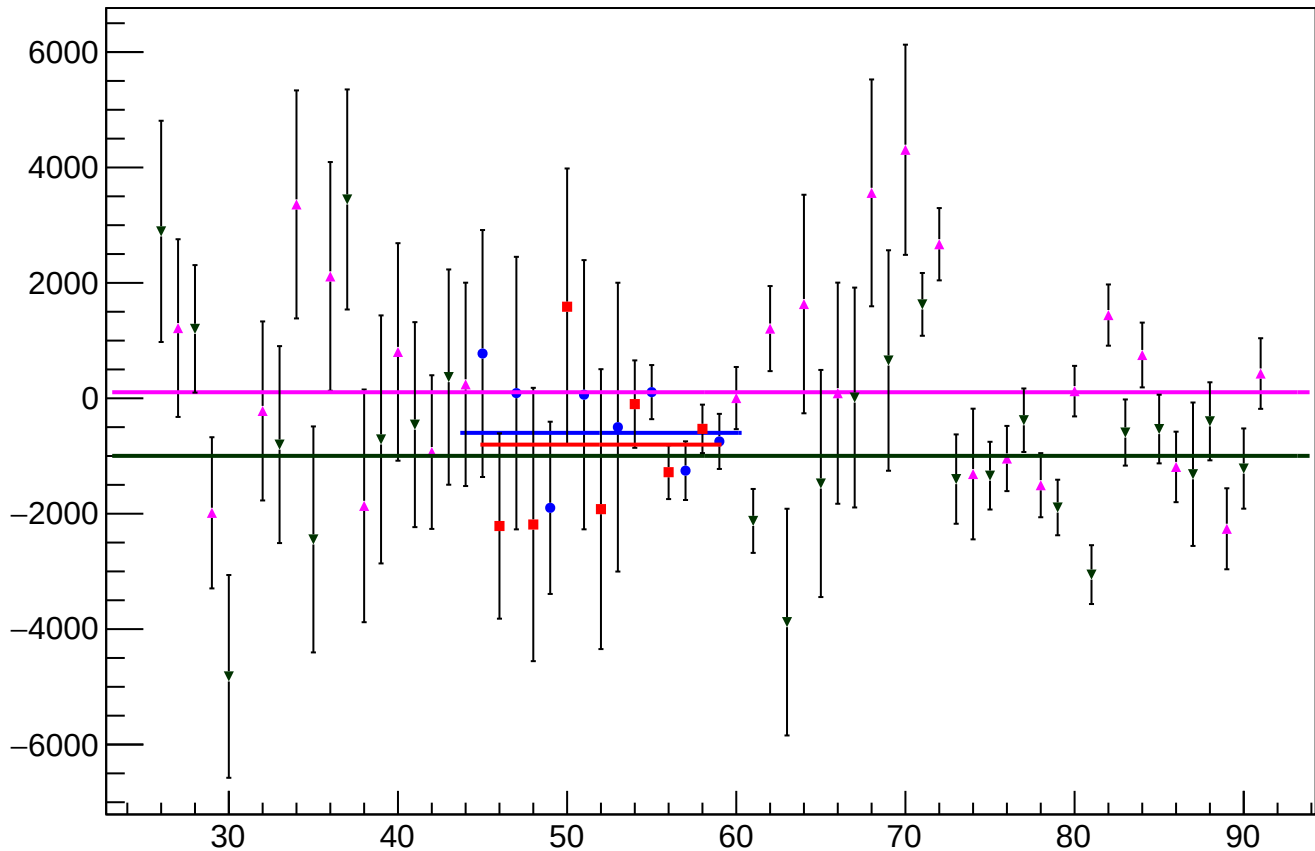
Left Out: 1494.367+/-0.315 χ^2/NDF : 2280033.3/24

Right Out: 1621.926+/-0.618 χ^2/NDF : 34128.0/6

Left In: 1522.852+/-0.304 χ^2/NDF : 2335708.8/24

1531.867+/-0.191 χ^2/NDF : 4760081.6/64

asym_sam_15_dd_mean vs slug



Right In: -598.807+/-267.284 χ^2/NDF : 5.4/7

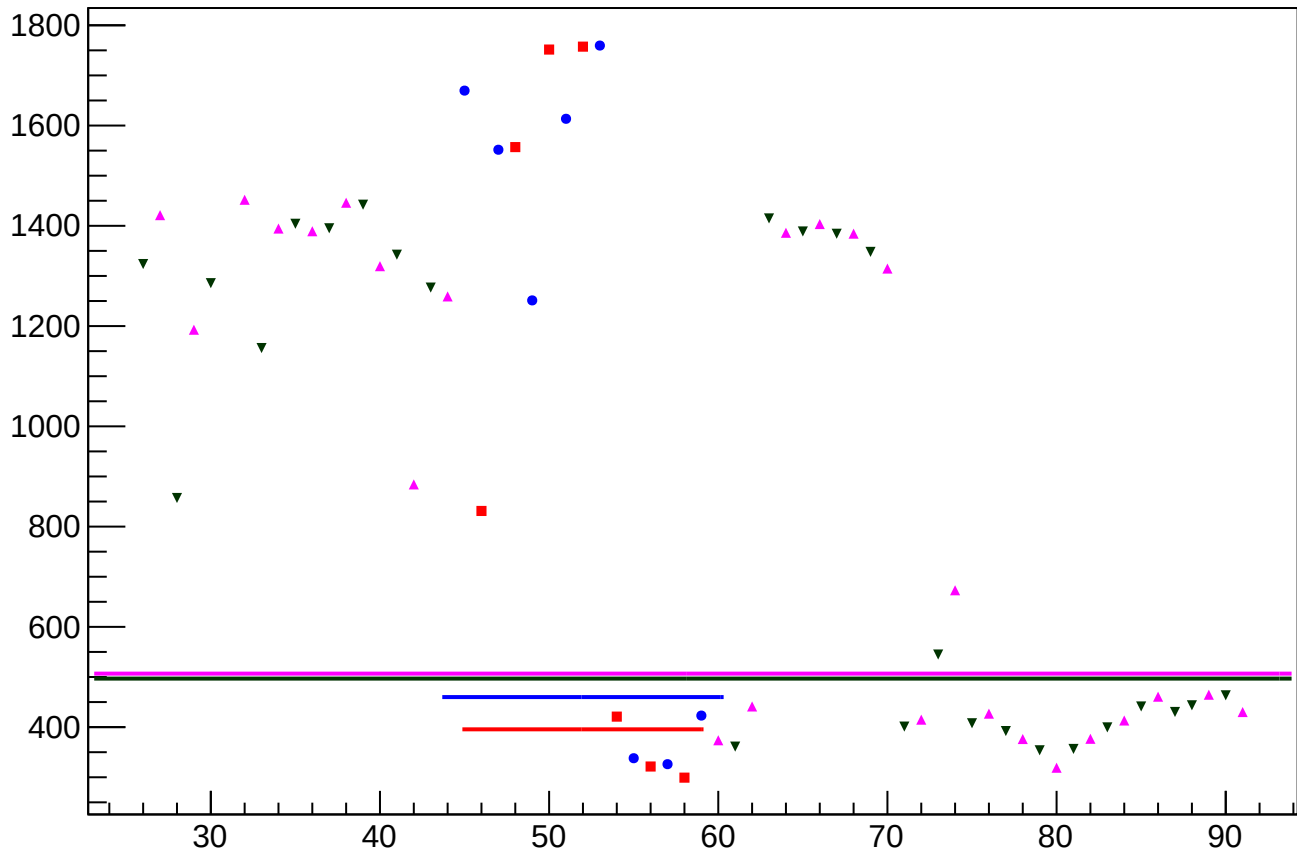
Left Out: -997.577+/-163.021 χ^2/NDF : 73.8/24

-505.447+/-98.380 χ^2/NDF : 183.2/64

Right Out: -802.733+/-278.113 χ^2/NDF : 4.7/6

Left In: 105.099+/-160.611 χ^2/NDF : 74.6/24

asym_sam_15_dd_rms vs slug



Right In: 459.953 ± 0.189 χ^2/NDF : 2943099.1/7

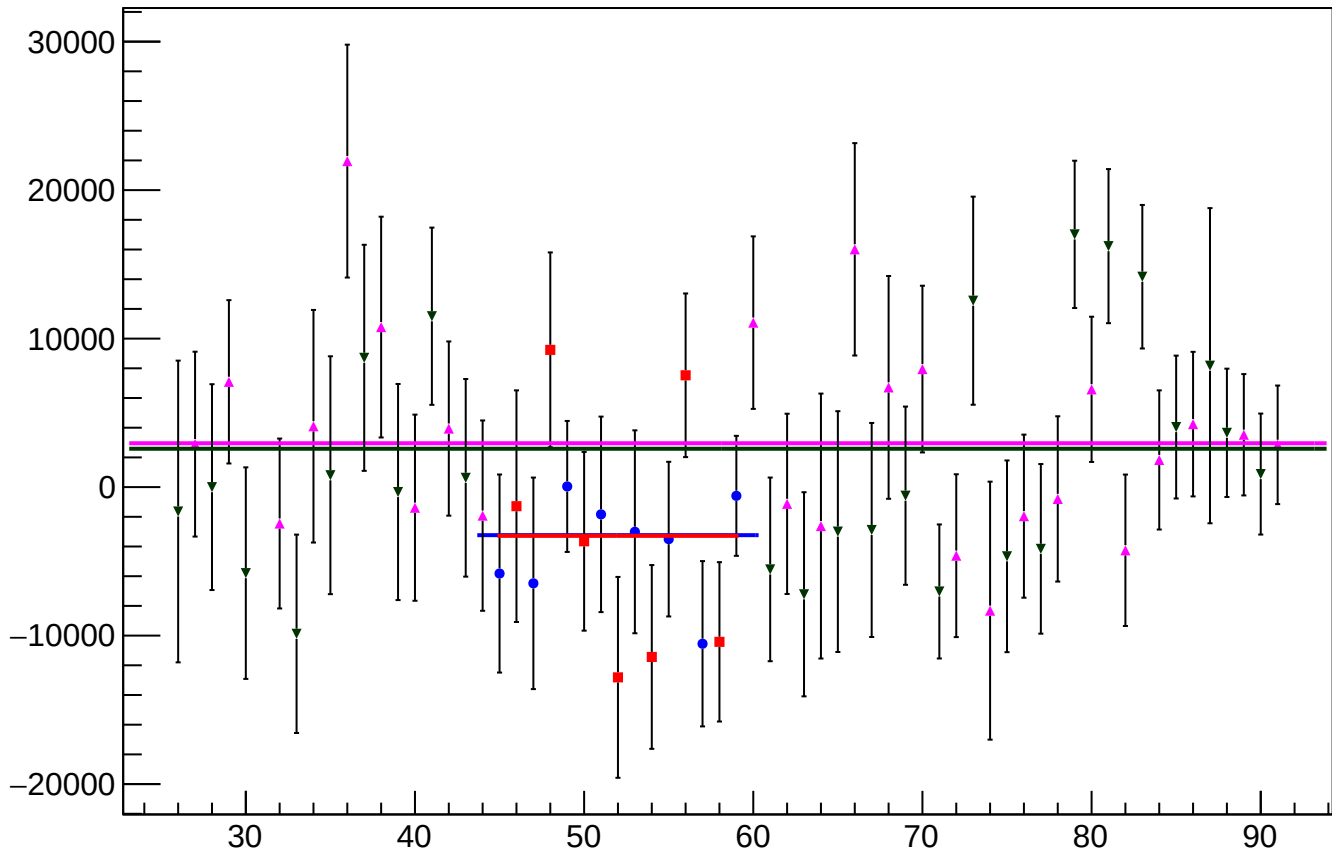
Left Out: 496.819 ± 0.115 χ^2/NDF : 5761749.1/24

Right Out: 395.607 ± 0.197 χ^2/NDF : 2057641.7/6

Left In: 506.734 ± 0.114 χ^2/NDF : 6756711.8/24

482.879 ± 0.070 χ^2/NDF : 17789602.0/64

asym_sam_26_dd_mean vs slug



Right In: -3235.932 $\pm$ 1929.895 χ^2 /NDF: 3.1/7

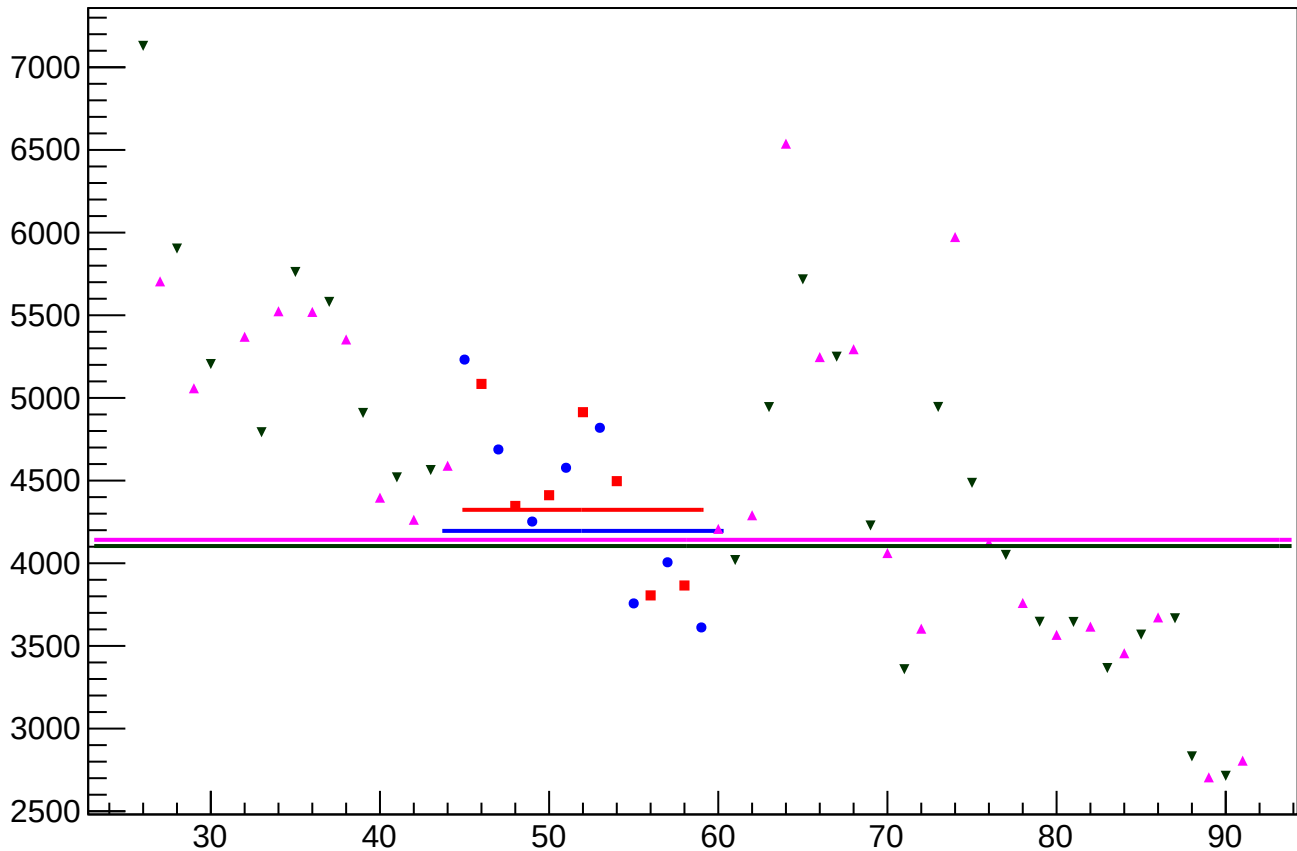
Left Out: 2583.418 $\pm$ 1199.387 χ^2 /NDF:44.4/24

1348.647 $\pm$ 724.238 χ^2 /NDF: 97.4/64

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

asym_sam_26_dd_rms vs slug



Right In: 4195.793+/-1.365 χ^2/NDF : 139845.4/7

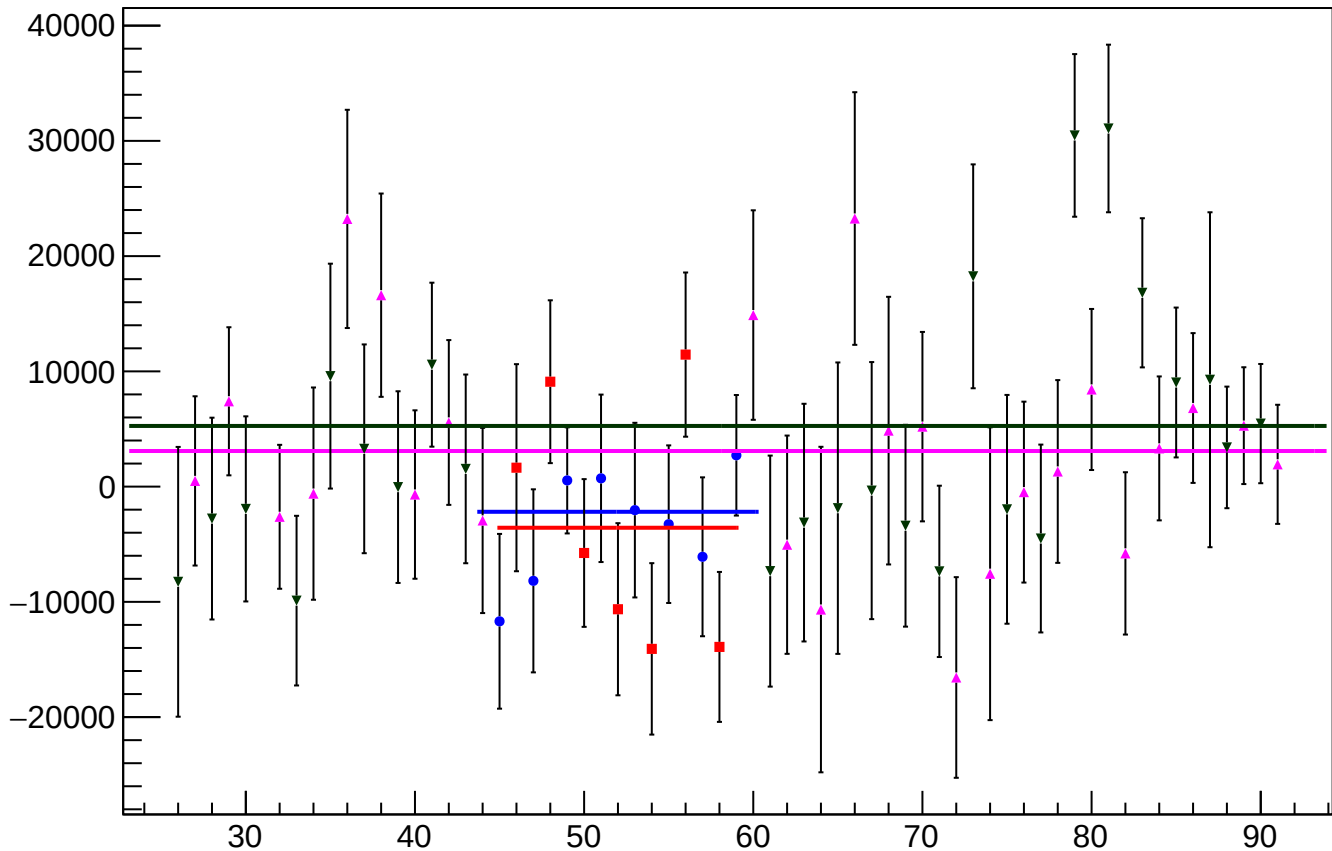
Left Out: 4104.153+/-0.848 χ^2/NDF :1350713.1/24

Right Out: 4323.206+/-1.653 χ^2/NDF : 68542.8/6

Left In: 4141.800+/-0.811 χ^2/NDF :1405200.8/24

4153.079+/-0.512 χ^2/NDF : 2979390.4/64

asym_sam_37_dd_mean vs slug



Right In: -2184.583+/-2259.716 χ^2/NDF : 3.9/7

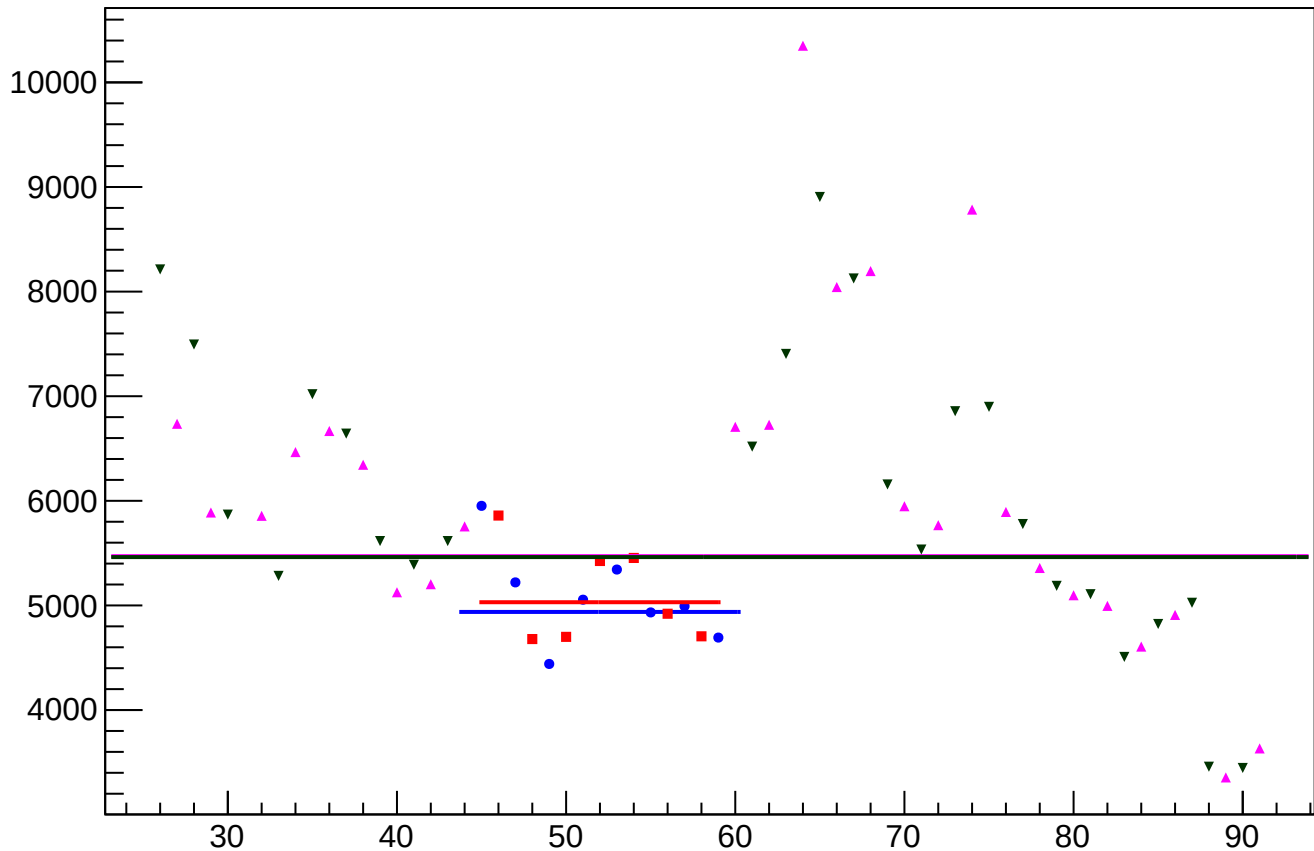
Left Out: 5264.246+/-1598.626 χ^2/NDF : 48.2/24

2149.671+/-929.308 χ^2/NDF : 102.9/64

Right Out: -3568.901+/-2710.555 χ^2/NDF : 13.5/6

Left In: 3089.254+/-1516.745 χ^2/NDF : 25.0/24

asym_sam_37_dd_rms vs slug



Right In: 4937.882 $\pm$ 1.598 χ^2 /NDF: 72418.9/7

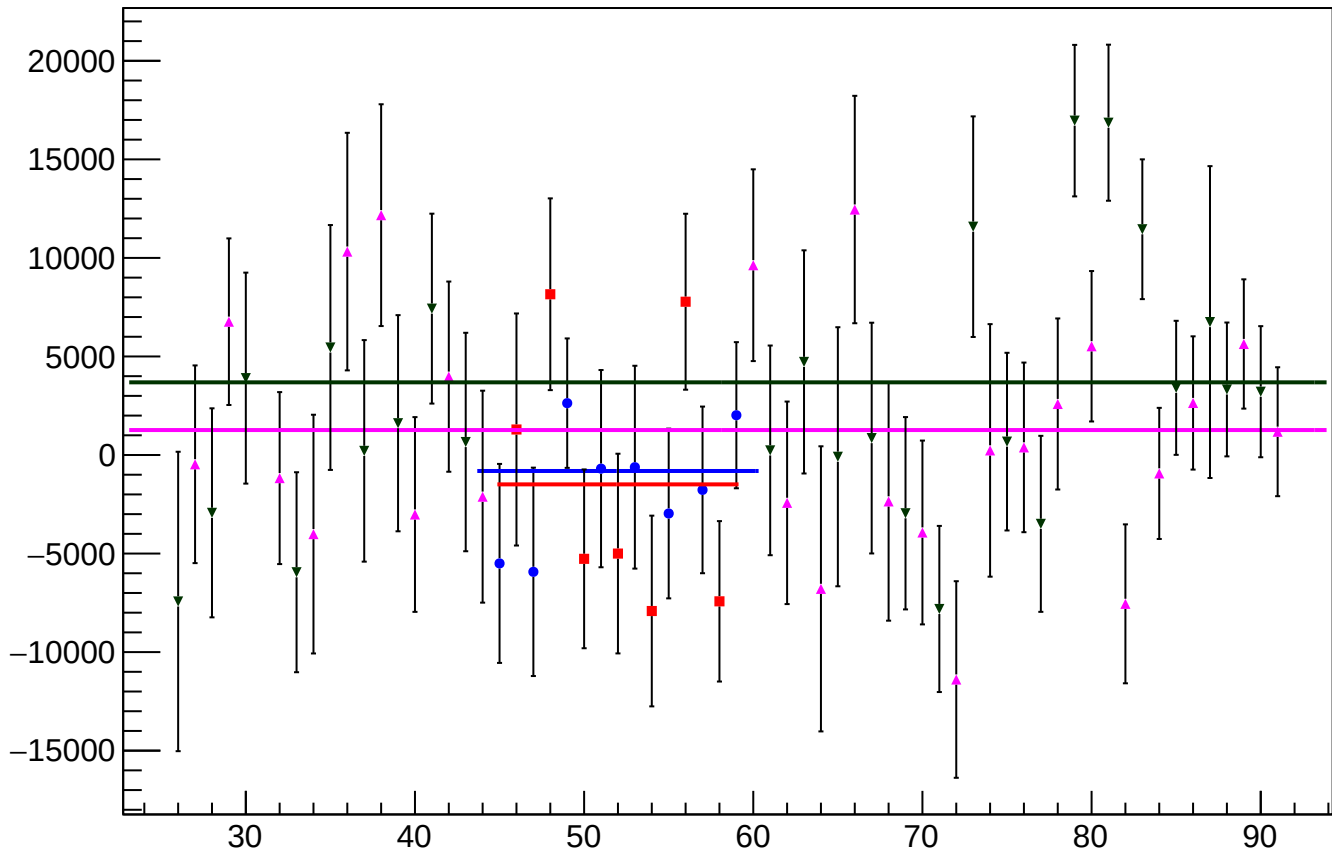
Left Out: 5462.185 $\pm$ 1.130 χ^2 /NDF:1429934.4/24

Right Out: 5030.705 $\pm$ 1.917 χ^2 /NDF: 44856.0/6

Left In: 5471.616 $\pm$ 1.073 χ^2 /NDF:1512301.5/24

5326.334 $\pm$ 0.657 χ^2 /NDF: 3175195.7/64

asym_sam_48_dd_mean vs slug



Right In: -810.794+/-1528.407 χ^2/NDF : 3.8/7

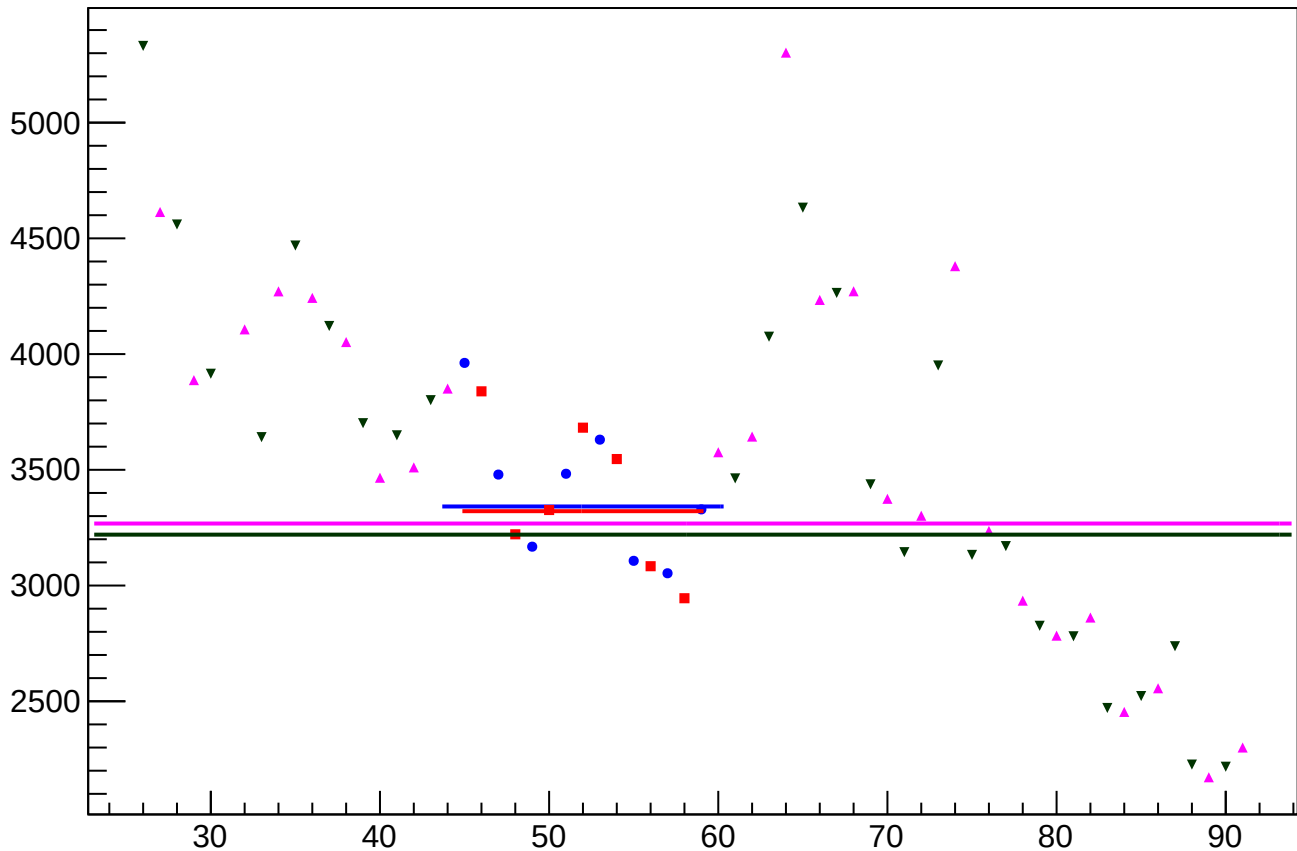
Left Out: 3686.956+/-939.793 χ^2/NDF : 52.1/24

Right Out: -1489.969+/-1790.394 χ^2/NDF : 13.5/6

Left In: 1266.400+/-904.649 χ^2/NDF : 35.4/24

1586.856+/-568.495 χ^2/NDF : 115.4/64

asym_sam_48_dd_rms vs slug



Right In: 3341.590+/-1.081 χ^2/NDF : 60327.0/7

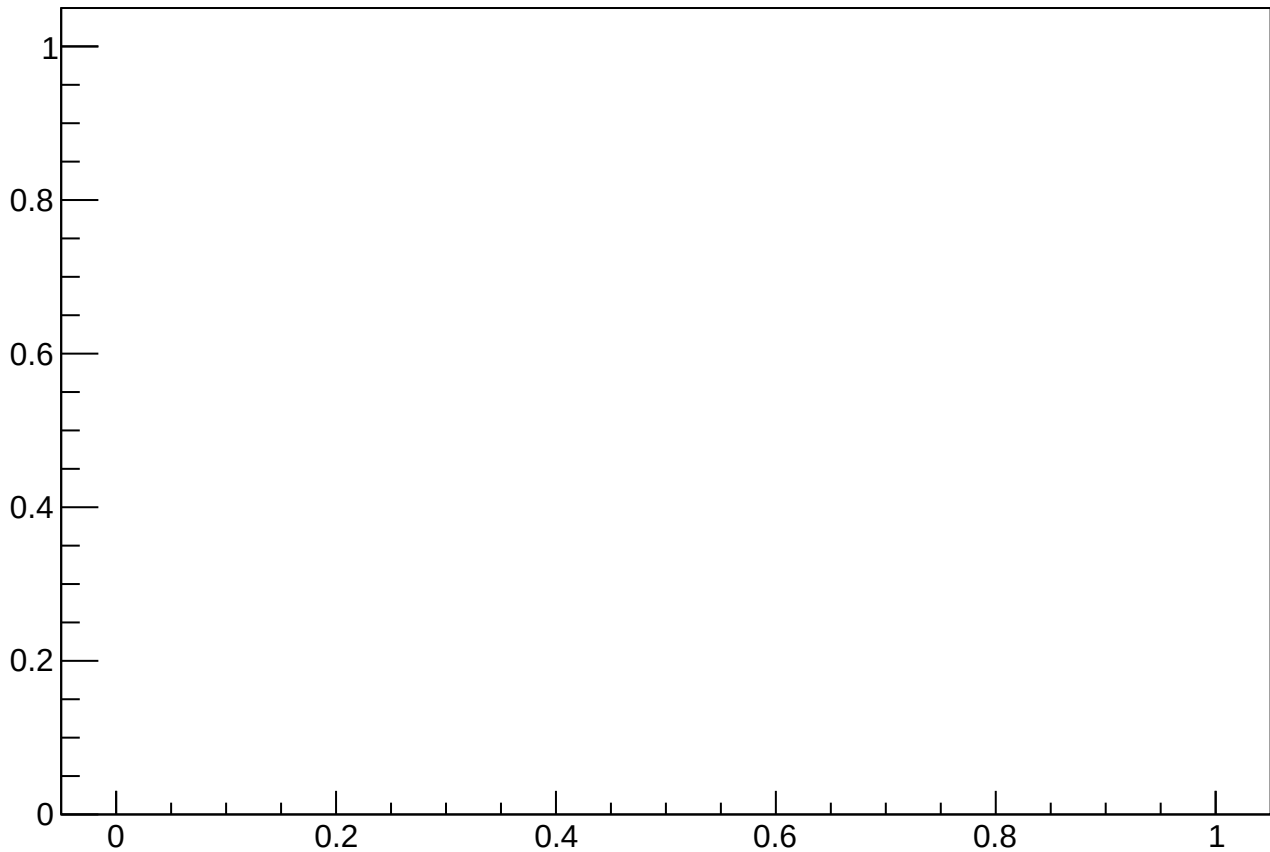
Left Out: 3219.888+/-0.665 χ^2/NDF :1340364.2/24

3265.914+/-0.402 χ^2/NDF : 2925470.4/64

Right Out: 3321.269+/-1.266 χ^2/NDF : 53555.3/6

Left In: 3267.916+/-0.640 χ^2/NDF :1459602.2/24

yield_sam_15_dd_mean vs slug



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

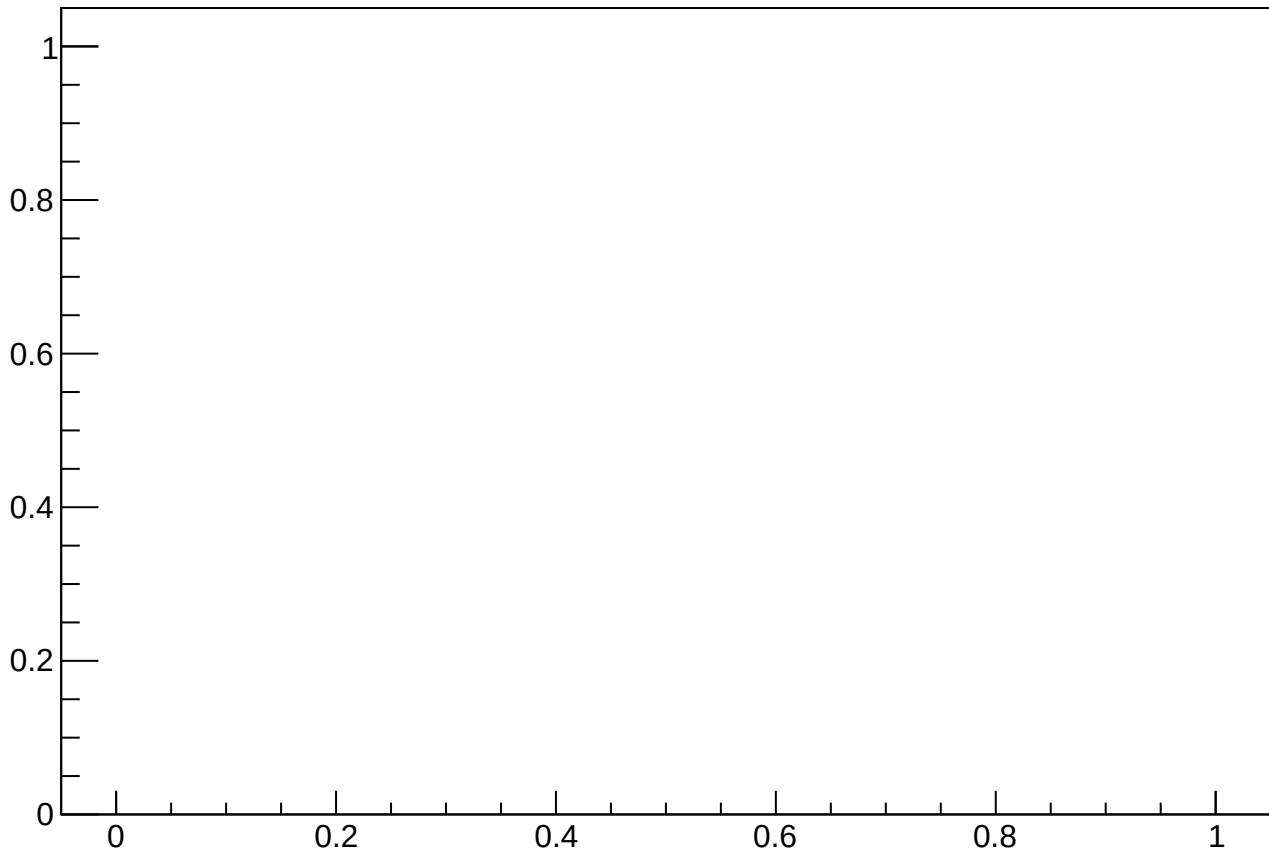
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_dd_rms vs slug



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

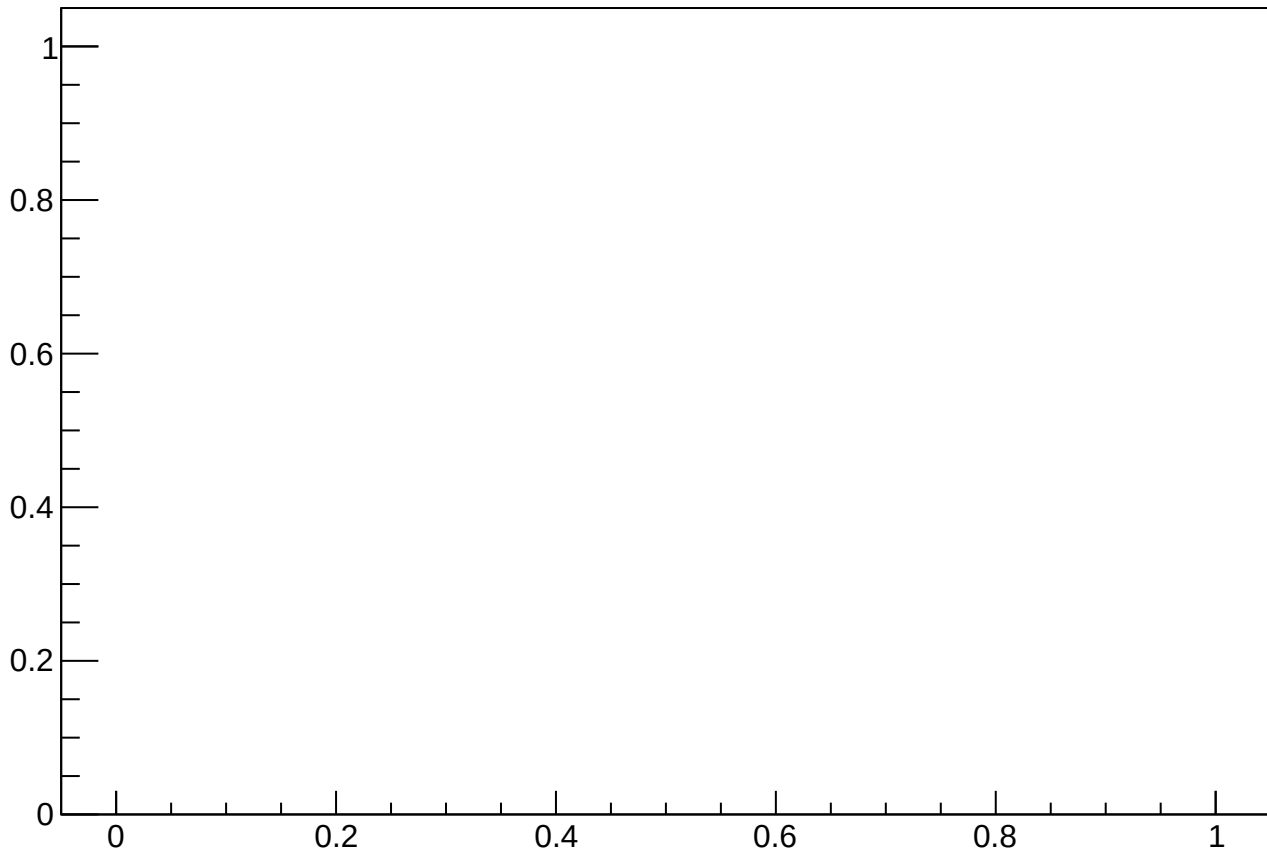
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_dd_mean vs slug



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

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

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

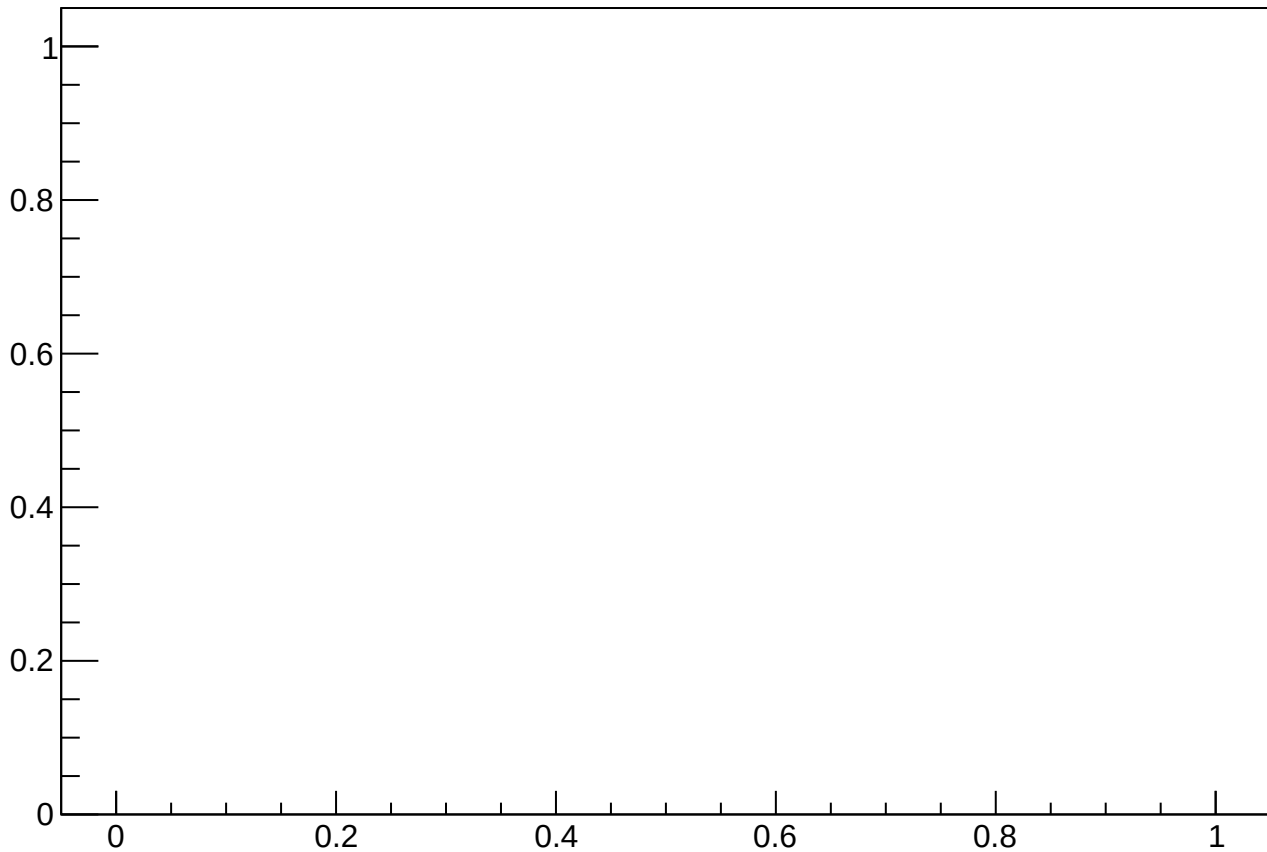
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

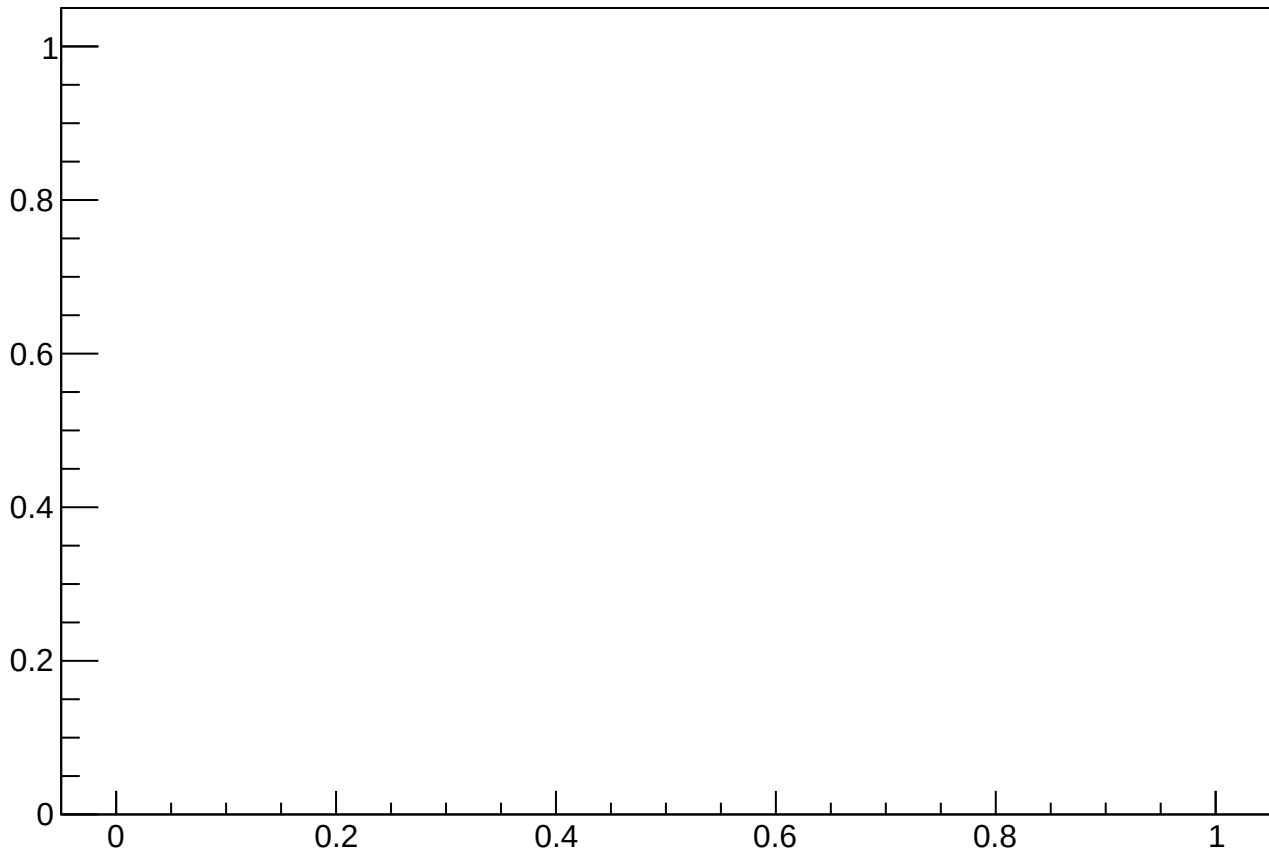
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

yield_sam_48_dd_rms vs slug



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

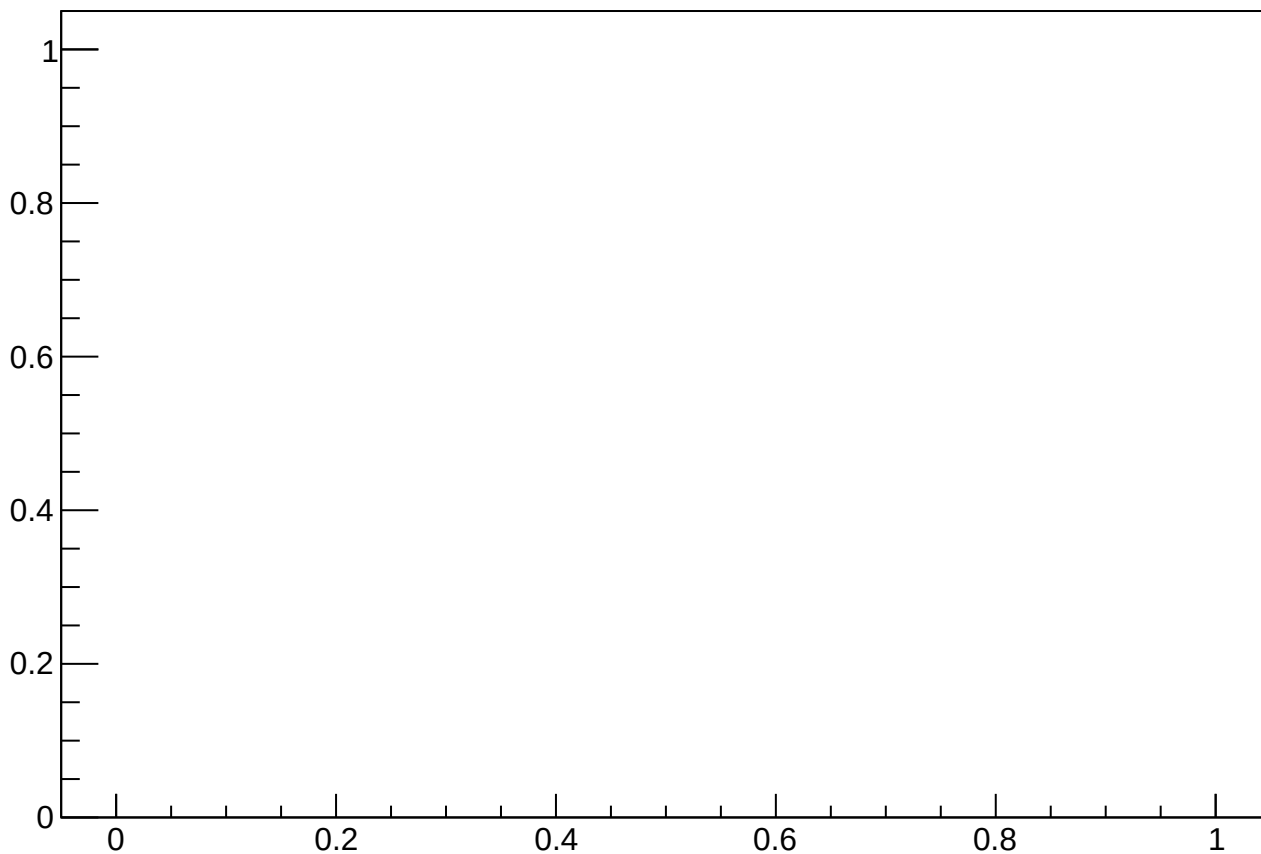
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_mean vs slug



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

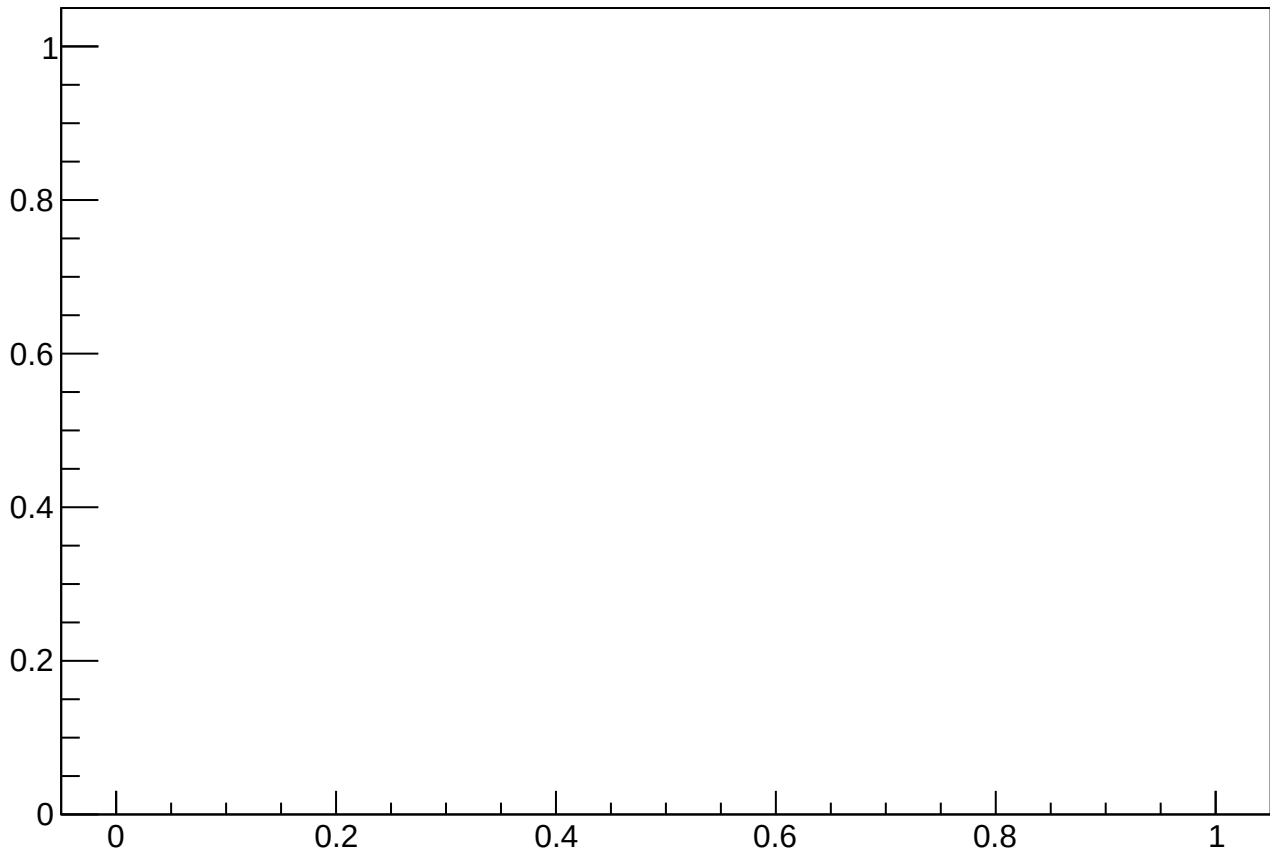
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



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

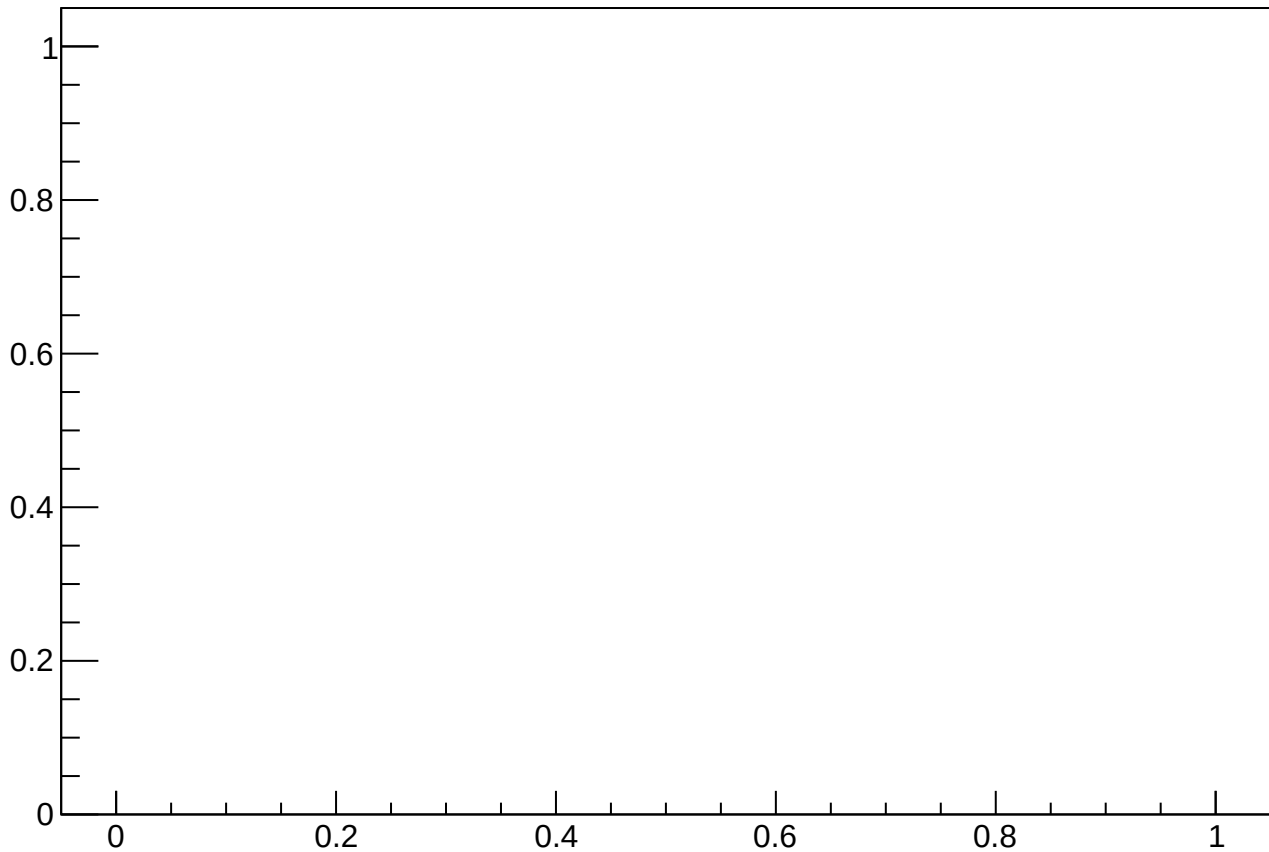
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_mean vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



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

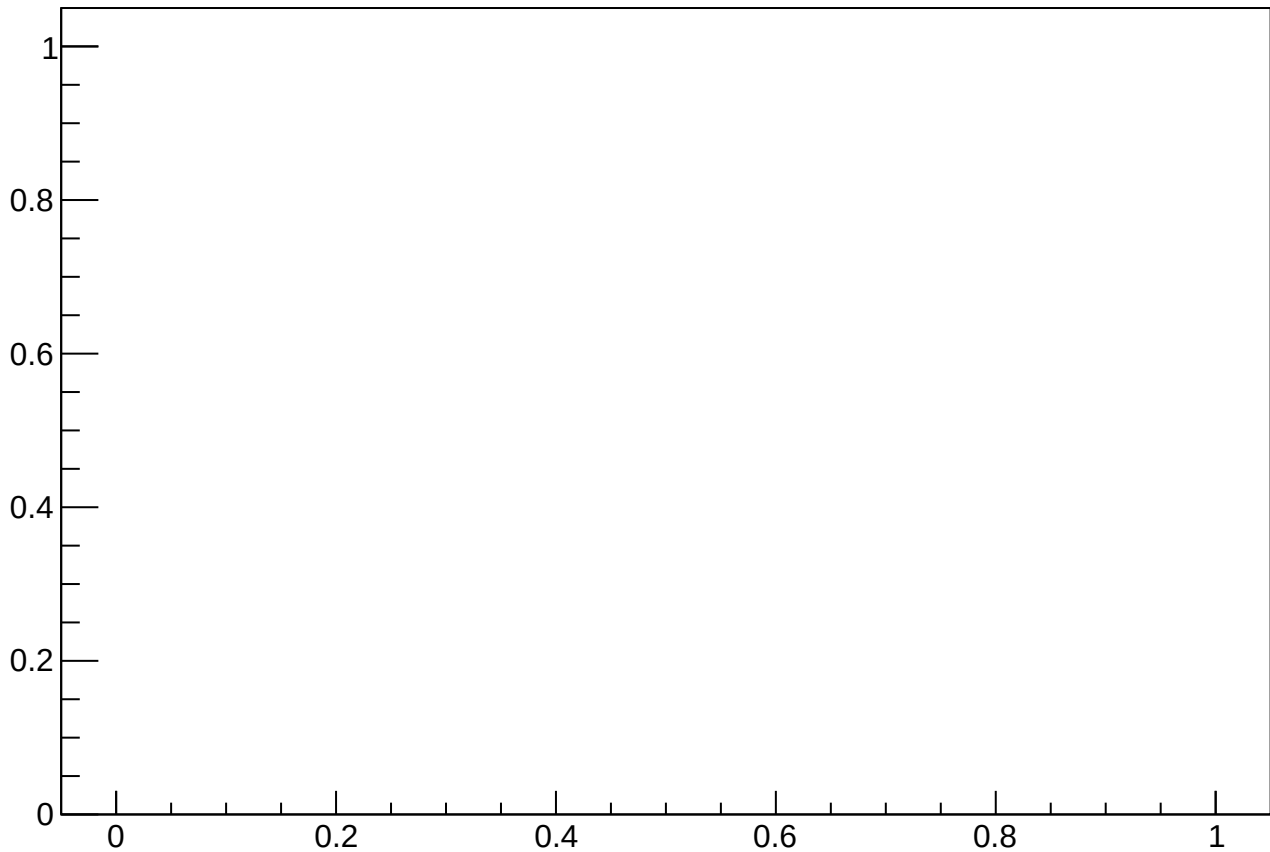
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_rms vs slug



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

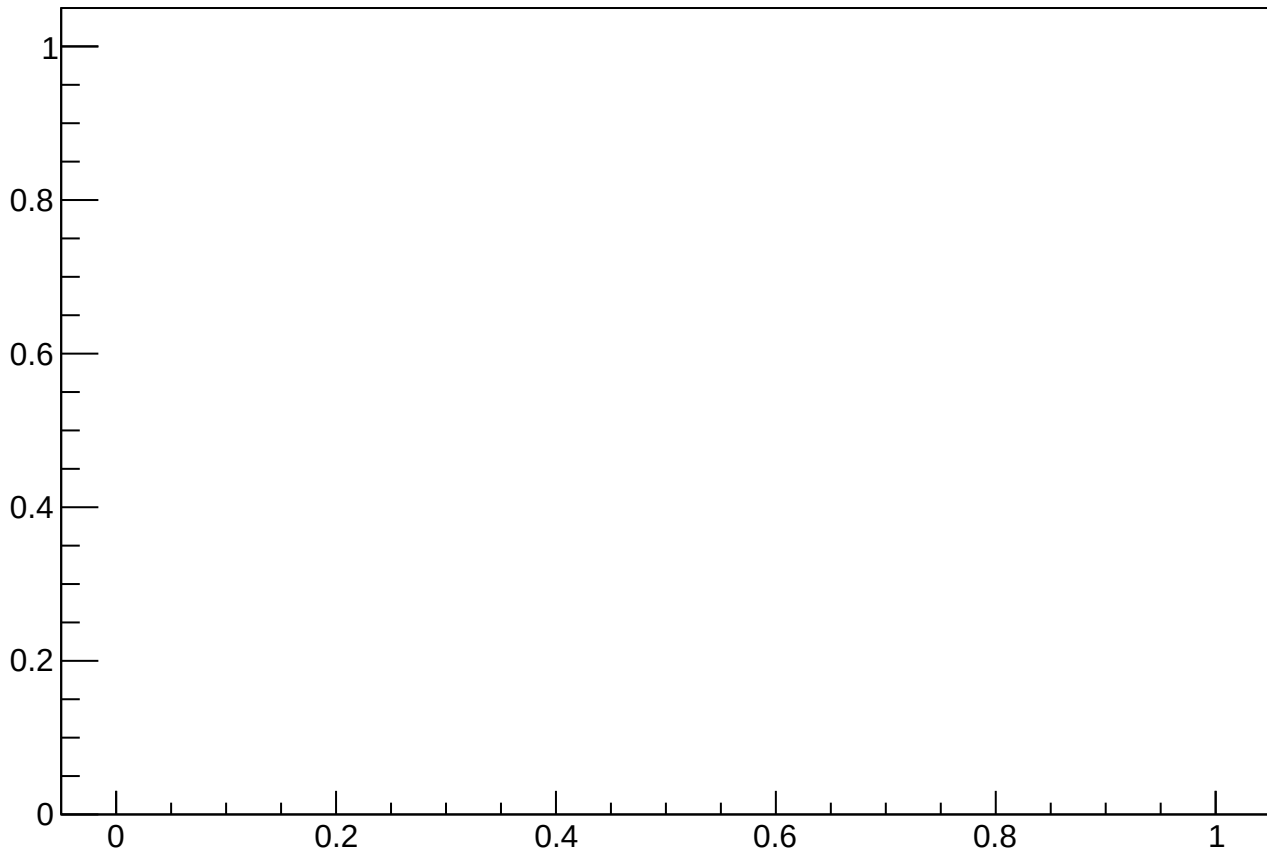
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



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

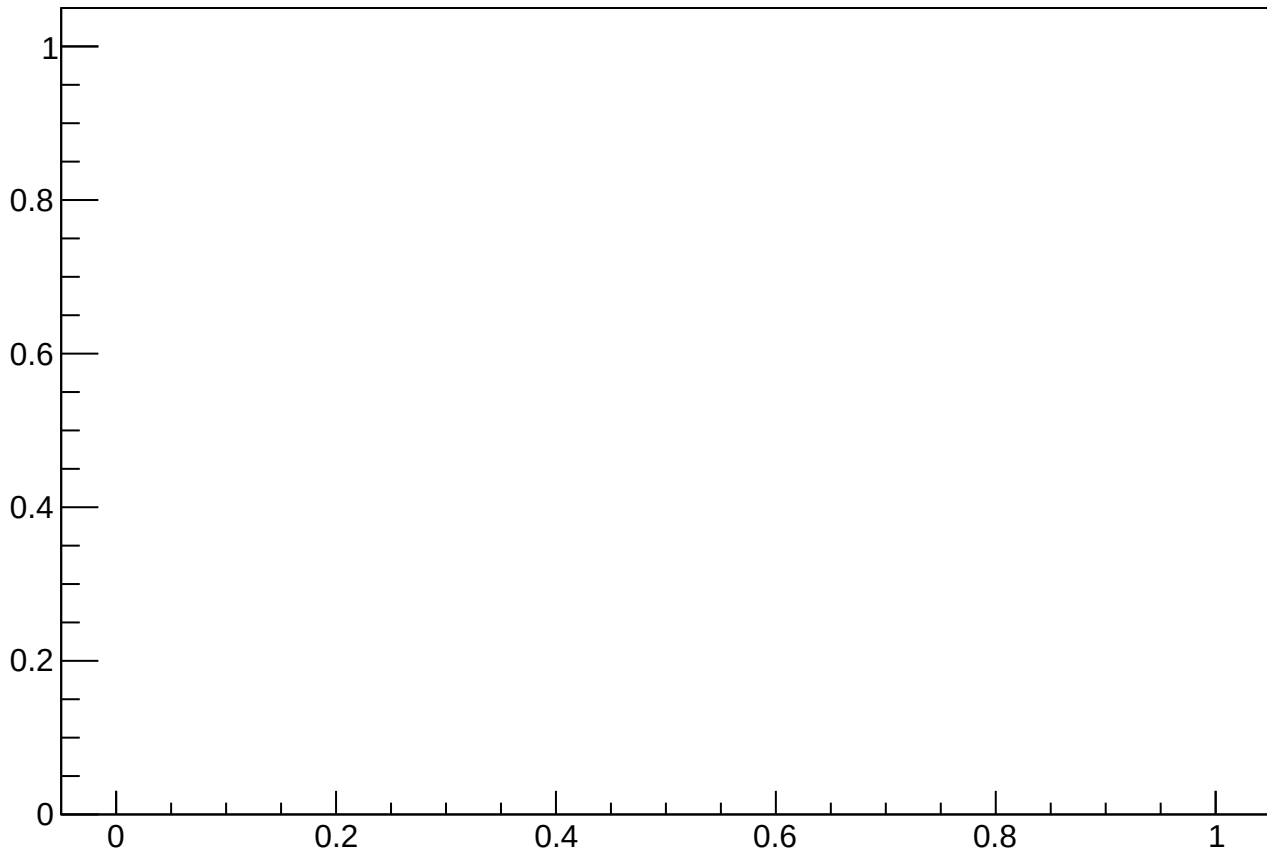
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

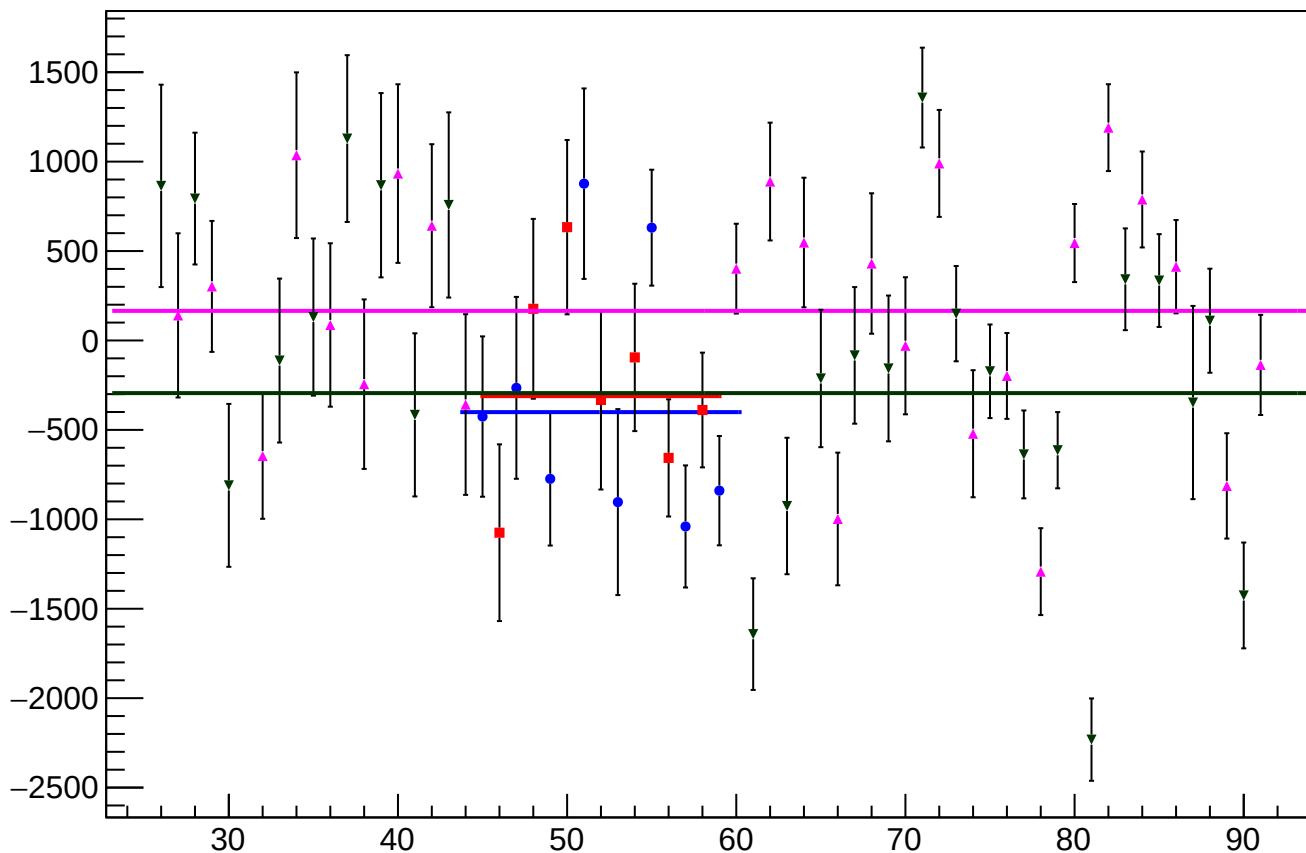
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

reg_asym_sam_15_dd_mean vs slug



Right In: -400.652 ± 138.583 $\chi^2/\text{NDF}: 23.5/7$

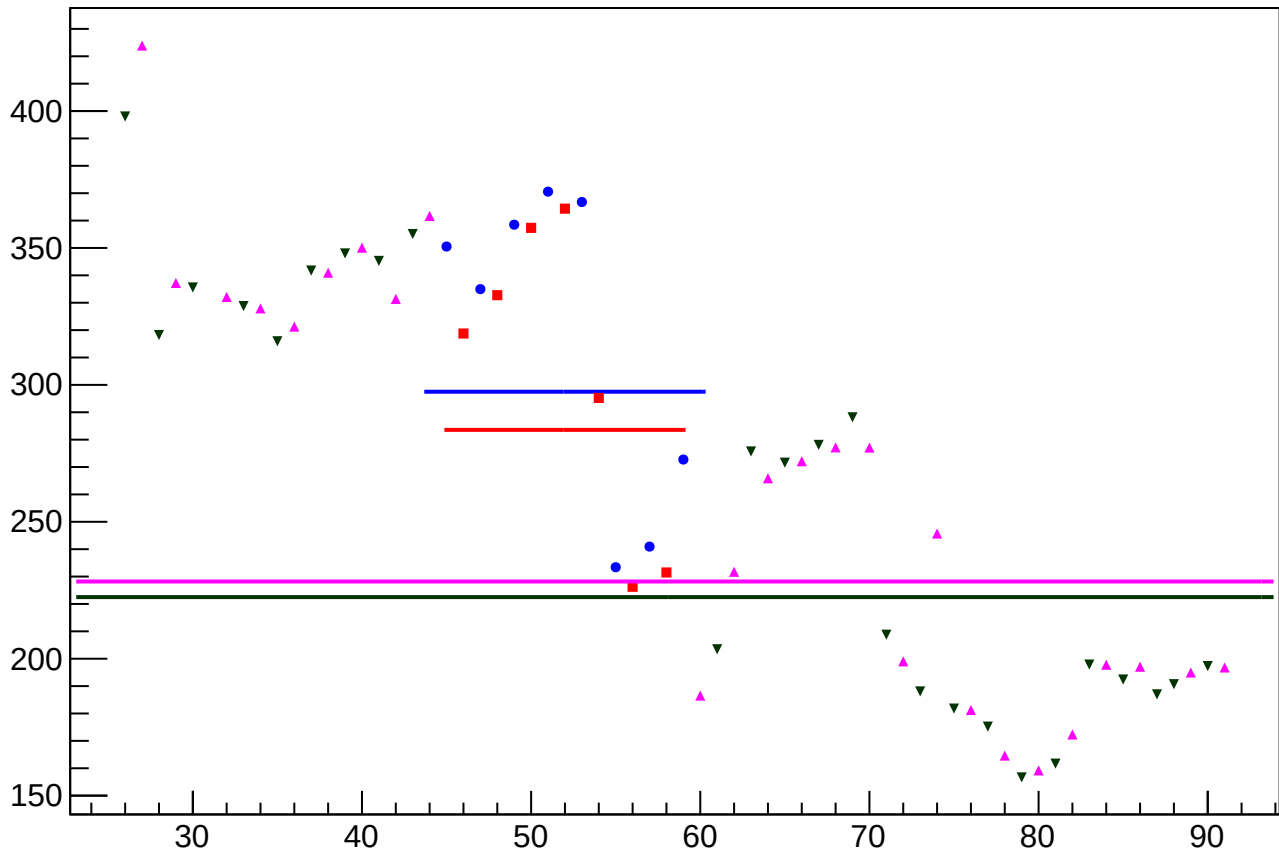
Left Out: -294.236 ± 65.681 $\chi^2/\text{NDF}: 196.3/24$

Right Out: -311.290 ± 155.835 $\chi^2/\text{NDF}: 8.5/6$

Left In: 165.441 ± 63.965 $\chi^2/\text{NDF}: 120.7/24$

-107.907 ± 41.905 $\chi^2/\text{NDF}: 381.4/64$

reg_asym_sam_15_dd_rms vs slug



Right In: 297.503 $\pm$ 0.098 χ^2 /NDF: 311772.0/7

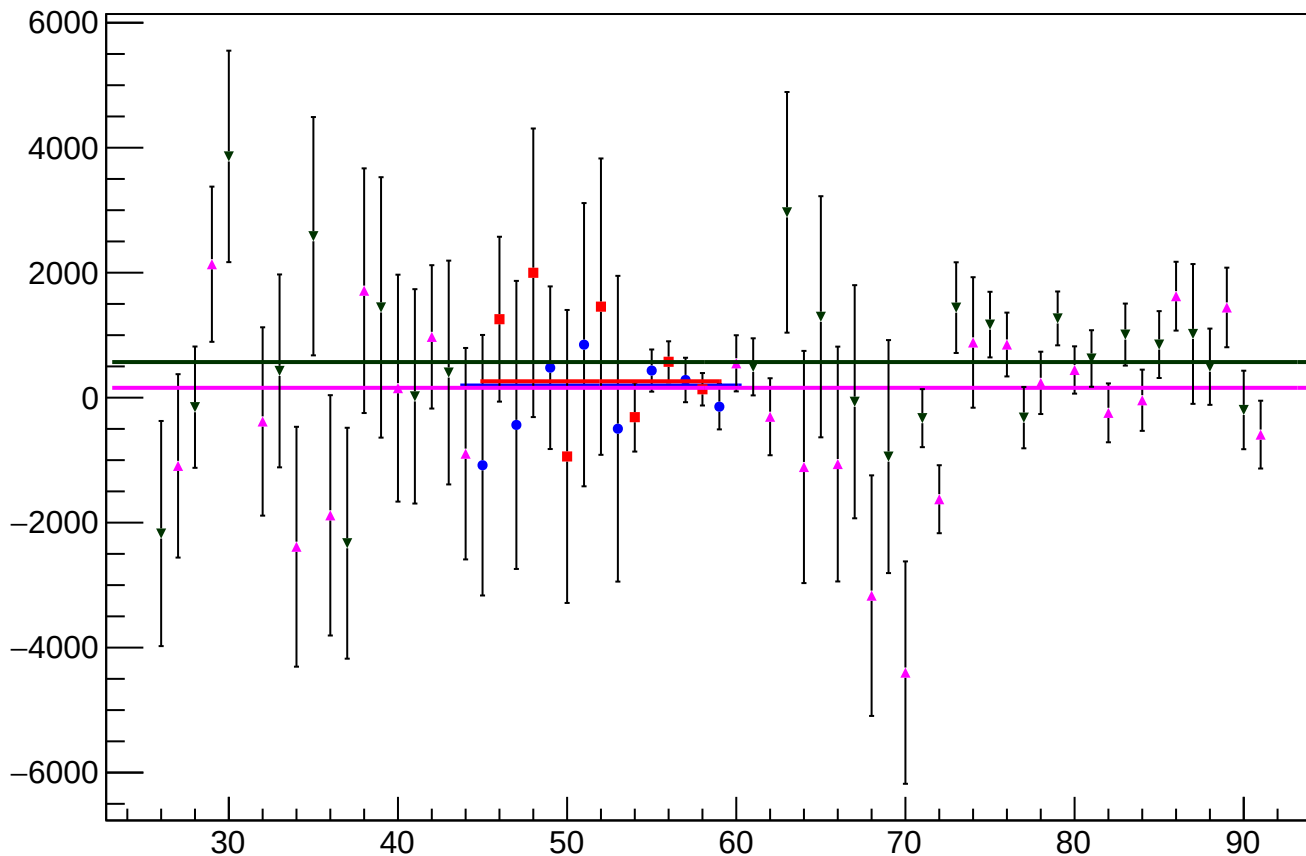
Left Out: 222.502 $\pm$ 0.046 χ^2 /NDF:1927624.8/24

Right Out: 283.567 $\pm$ 0.110 χ^2 /NDF: 242621.9/6

Left In: 228.199 $\pm$ 0.045 χ^2 /NDF:2182429.6/24

236.220 $\pm$ 0.030 χ^2 /NDF: 5358879.4/64

asym_sam_15_dd_correction_mean vs slug



Right In: 194.435 $\pm$ 197.550 χ^2 /NDF: 2.1/7

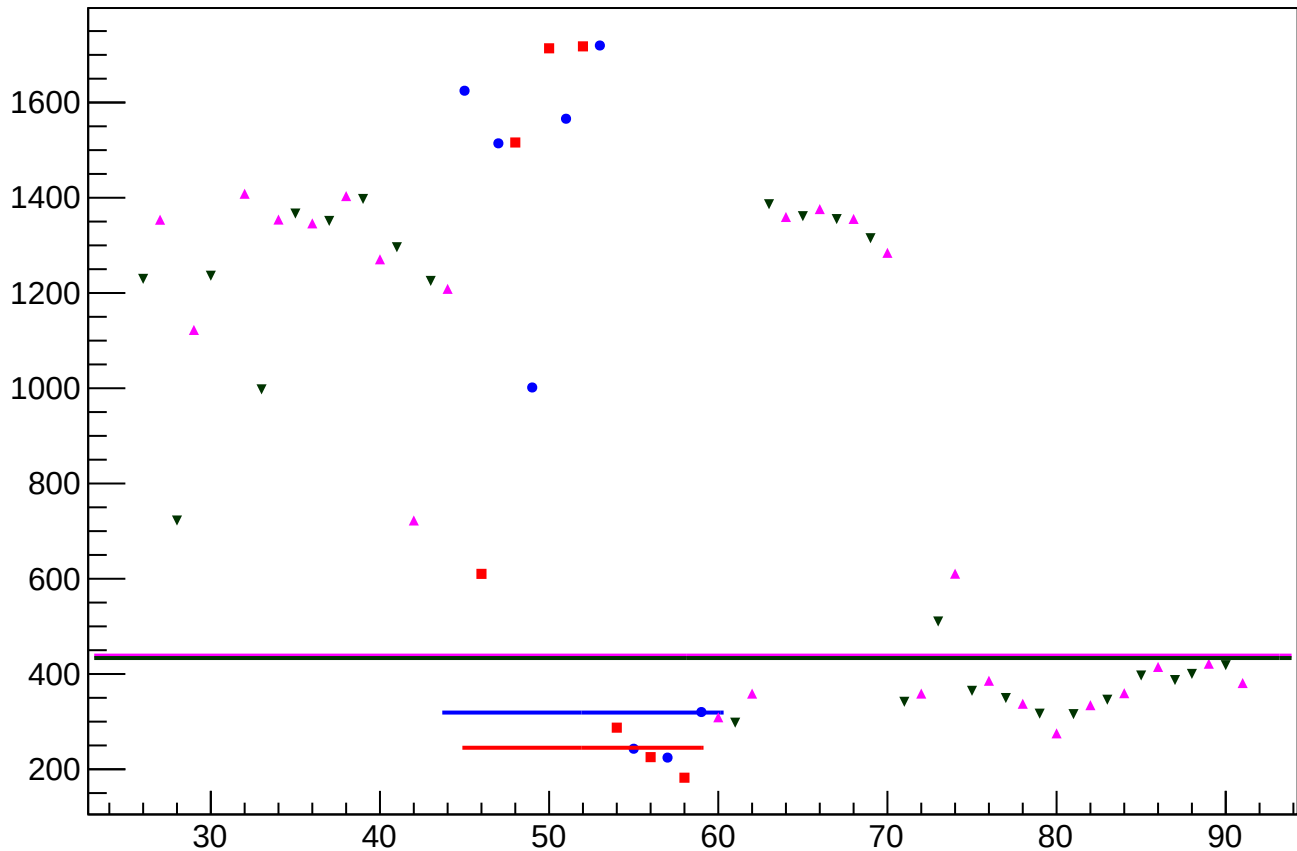
Left Out: 569.669 $\pm$ 144.882 χ^2 /NDF: 28.1/24

Right Out: 262.133 $\pm$ 187.176 χ^2 /NDF: 3.9/6

Left In: 157.319 $\pm$ 142.156 χ^2 /NDF: 47.2/24

313.225 $\pm$ 81.301 χ^2 /NDF: 86.1/64

asym_sam_15_dd_correction_rms vs slug



Right In: 319.045+/-0.140 χ^2/NDF : 3375854.6/7

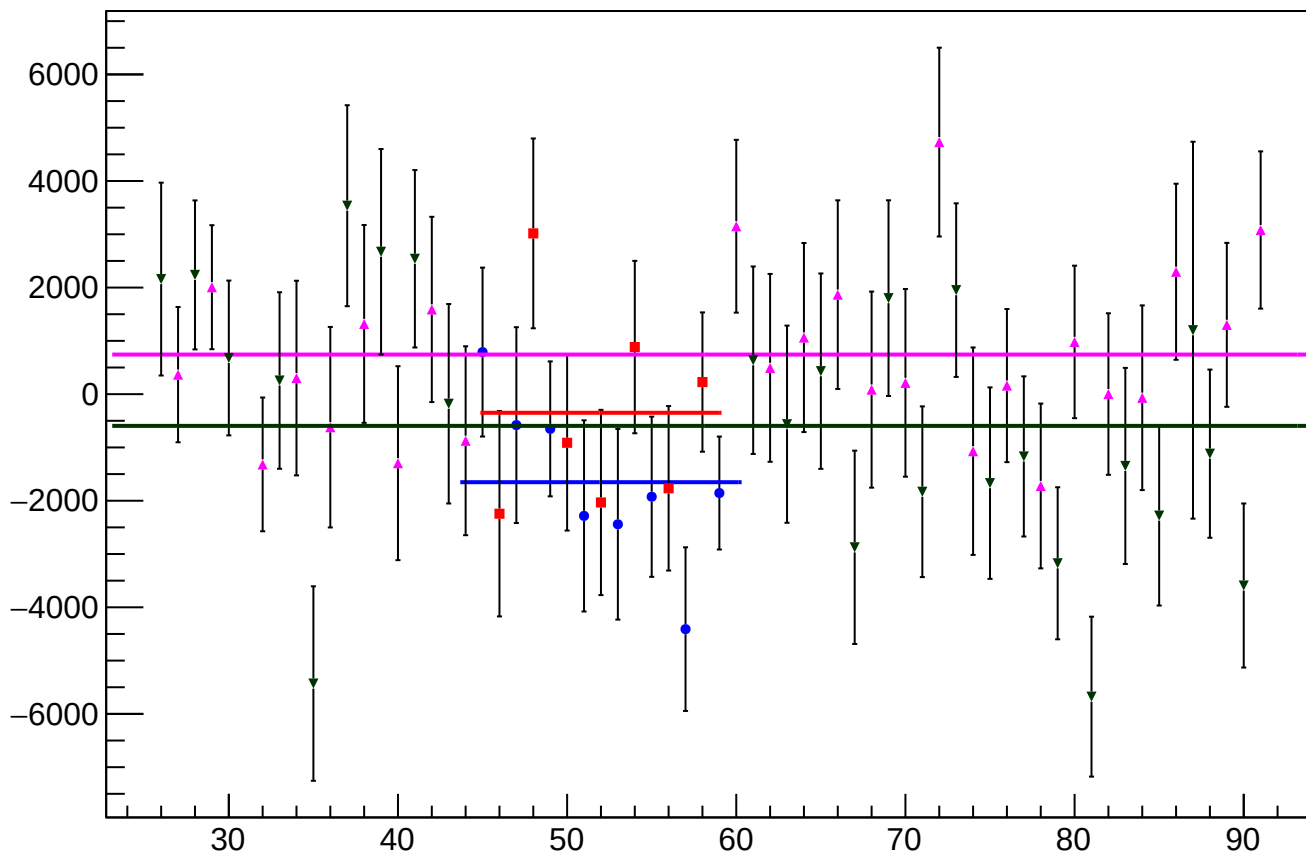
Left Out: 433.537+/-0.102 χ^2/NDF : 6203979.3/24

Right Out: 245.169+/-0.132 χ^2/NDF : 2451346.6/6

Left In: 438.631+/-0.101 χ^2/NDF : 7400114.3/24

380.274+/-0.057 χ^2/NDF : 21272758.5/64

reg_asym_sam_26_dd_mean vs slug



Right In: -1652.205 $\pm$ 519.944 χ^2 /NDF: 7.0/7

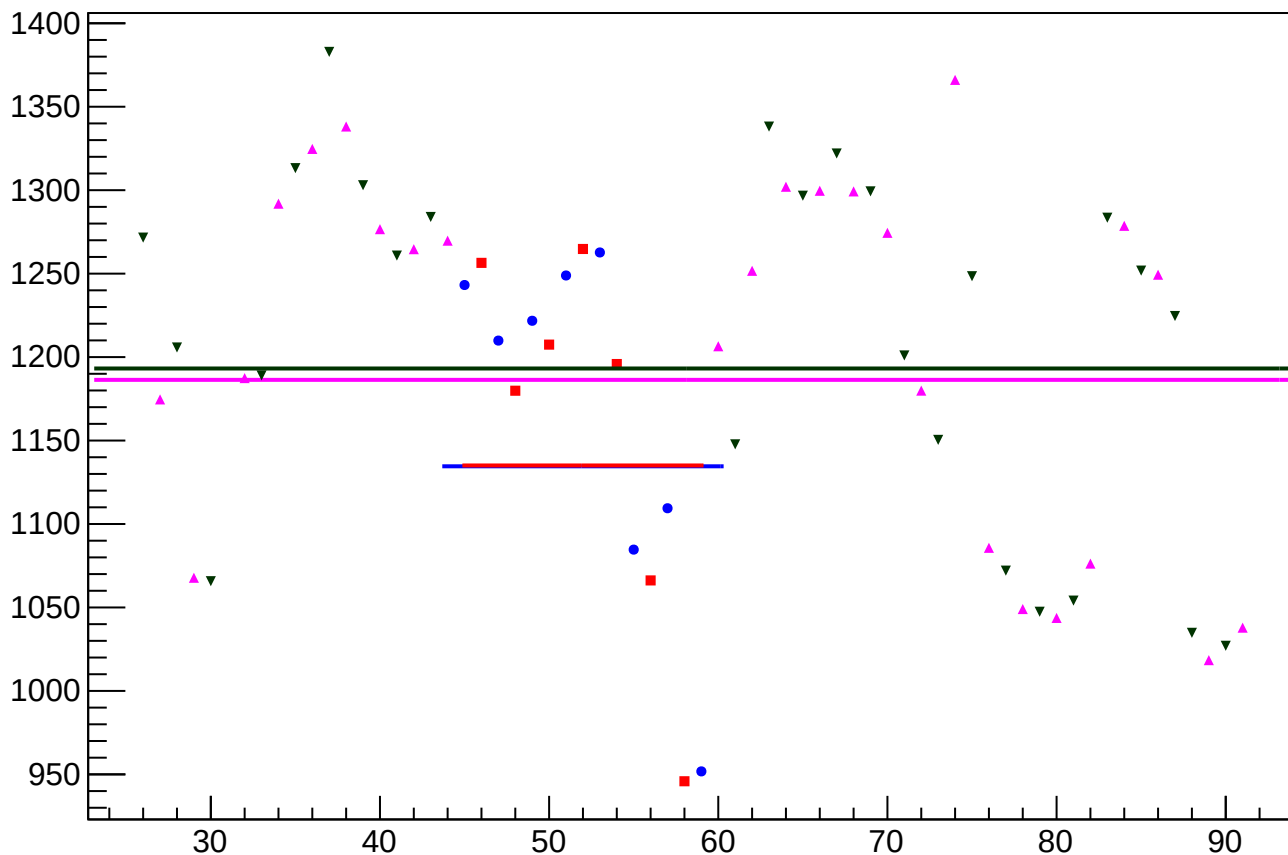
Left Out: -595.208 $\pm$ 339.617 χ^2 /NDF: 53.4/24

Right Out: -349.314 $\pm$ 611.819 χ^2 /NDF: 7.2/6

Left In: 743.103 $\pm$ 320.003 χ^2 /NDF: 22.5/24

-199.488 $\pm$ 200.781 χ^2 /NDF: 108.0/64

reg_asym_sam_26_dd_rms vs slug



Right In: 1134.573+/-0.368 χ^2/NDF : 102874.4/7

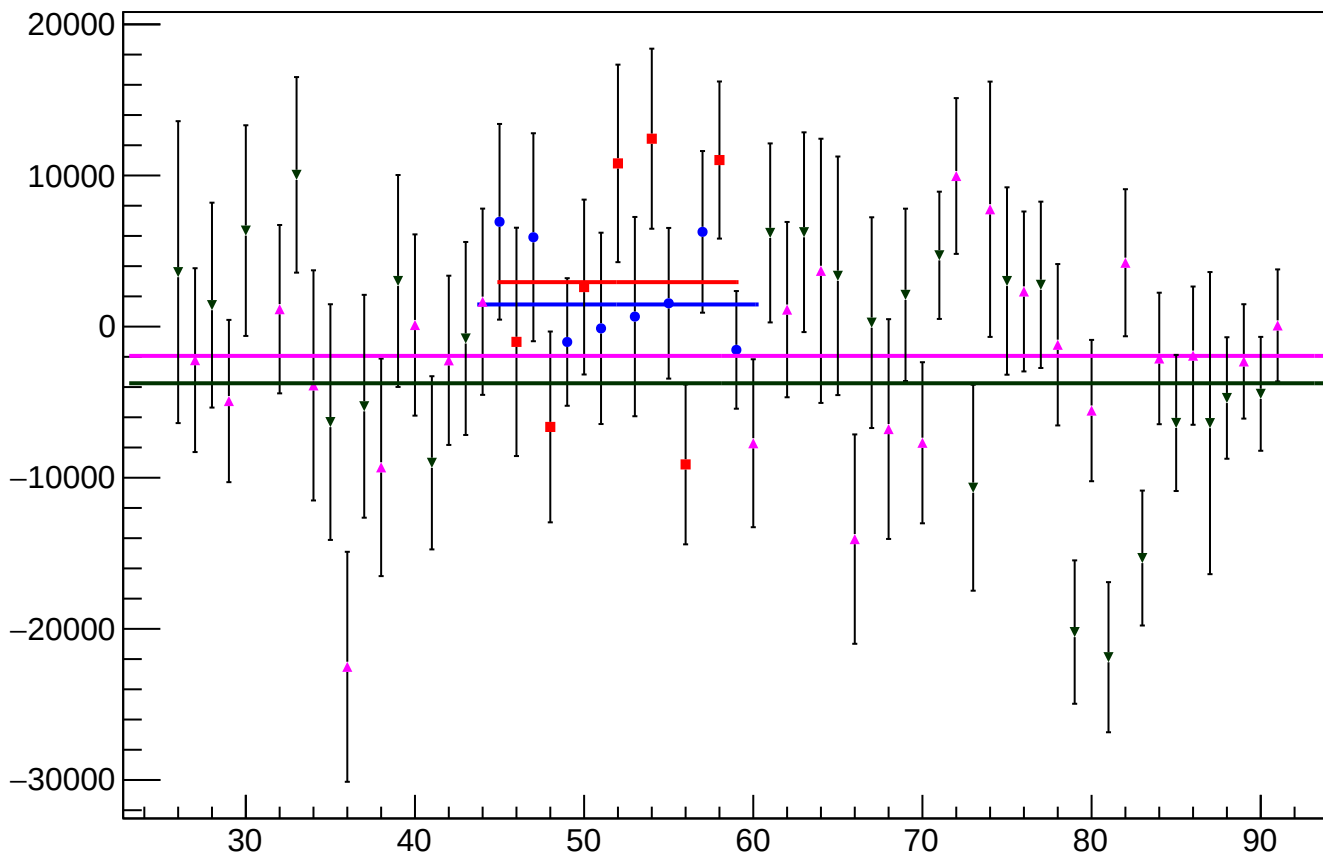
Left Out: 1193.173+/-0.240 χ^2/NDF : 204637.0/24

Right Out: 1135.075+/-0.433 χ^2/NDF : 72905.5/6

Left In: 1186.365+/-0.226 χ^2/NDF : 223239.0/24

1175.498+/-0.142 χ^2/NDF : 632500.9/64

asym_sam_26_dd_correction_mean vs slug



Right In: 1465.609 $\pm$ 1856.185 χ^2 /NDF: 3.0/7

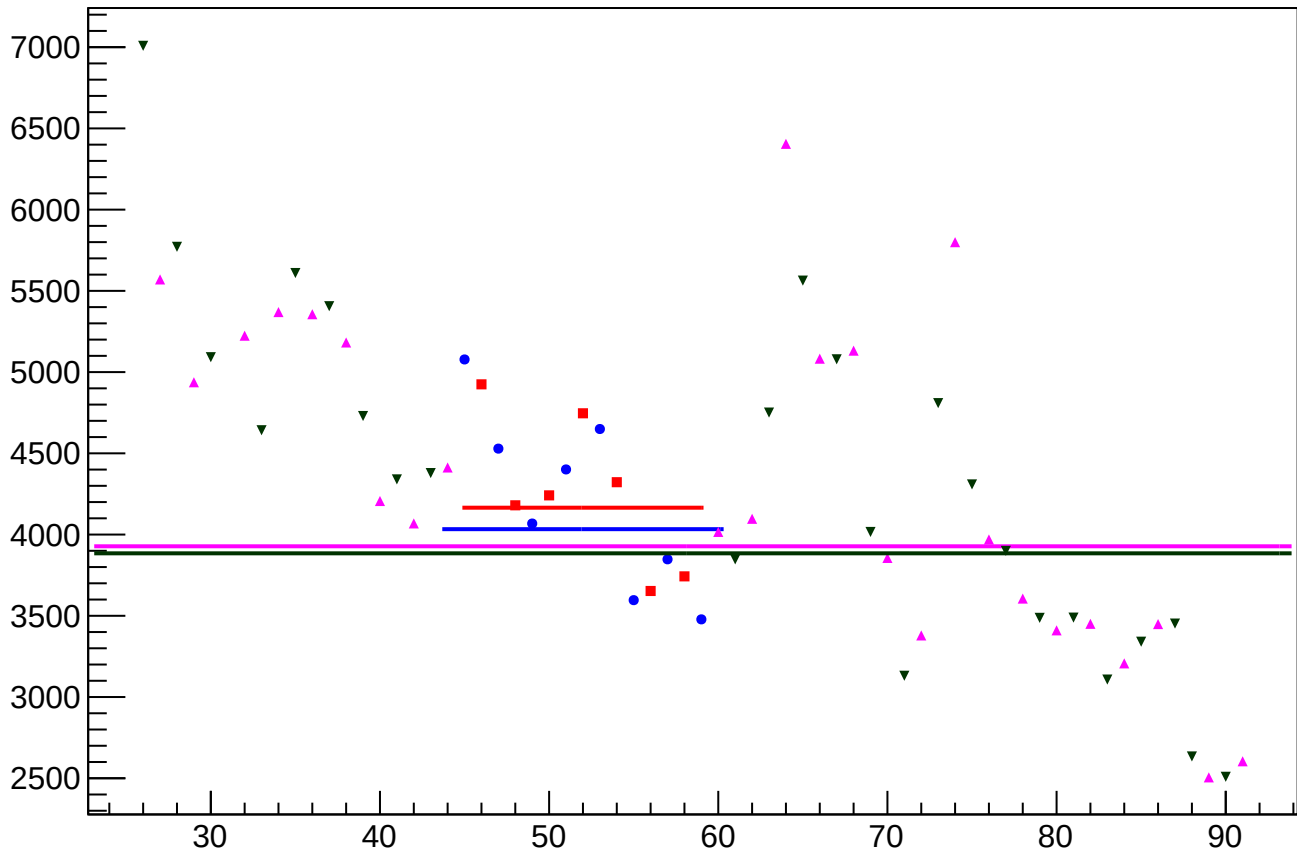
Left Out: -3748.621 $\pm$ 1140.408 χ^2 /NDF: 57.4/24

-1672.150 $\pm$ 691.118 χ^2 /NDF: 110.8/64

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

asym_sam_26_dd_correction_rms vs slug



Right In: 4033.220+/-1.313 χ^2/NDF : 145258.5/7

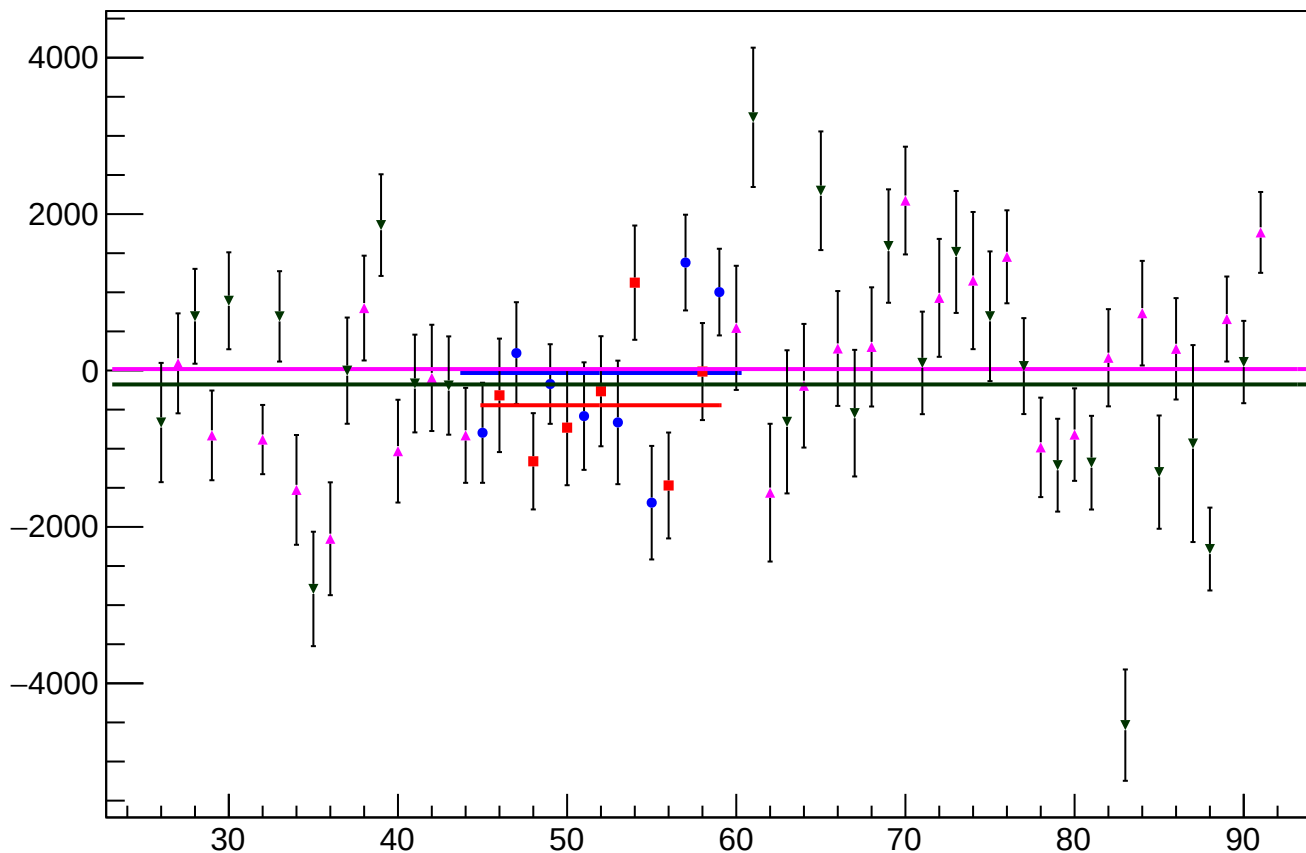
Left Out: 3884.495+/-0.806 χ^2/NDF :1549647.8/24

Right Out: 4165.371+/-1.594 χ^2/NDF : 69768.9/6

Left In: 3927.812+/-0.773 χ^2/NDF :1605694.8/24

3948.849+/-0.489 χ^2/NDF : 3400066.9/64

reg_asym_sam_37_dd_mean vs slug



Right In: -31.653 ± 222.456 χ^2/NDF : 17.0/7

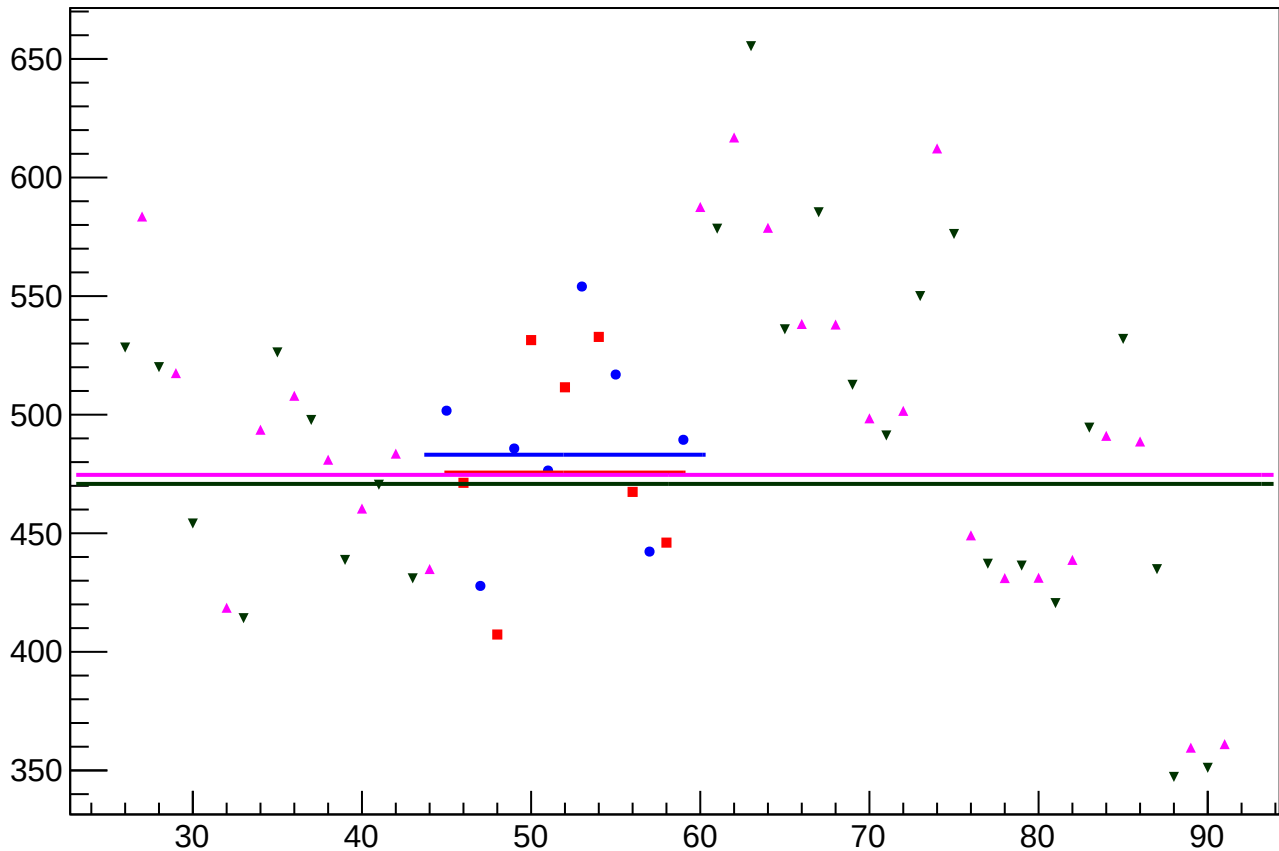
Left Out: -178.156 ± 135.404 χ^2/NDF : 130.4/24

Right Out: -444.288 ± 257.707 χ^2/NDF : 9.0/6

Left In: 18.343 ± 129.454 χ^2/NDF : 67.5/24

-106.717 ± 81.792 χ^2/NDF : 226.9/64

reg_asym_sam_37_dd_rms vs slug



Right In: 483.118+/-0.157 χ^2/NDF : 46017.7/7

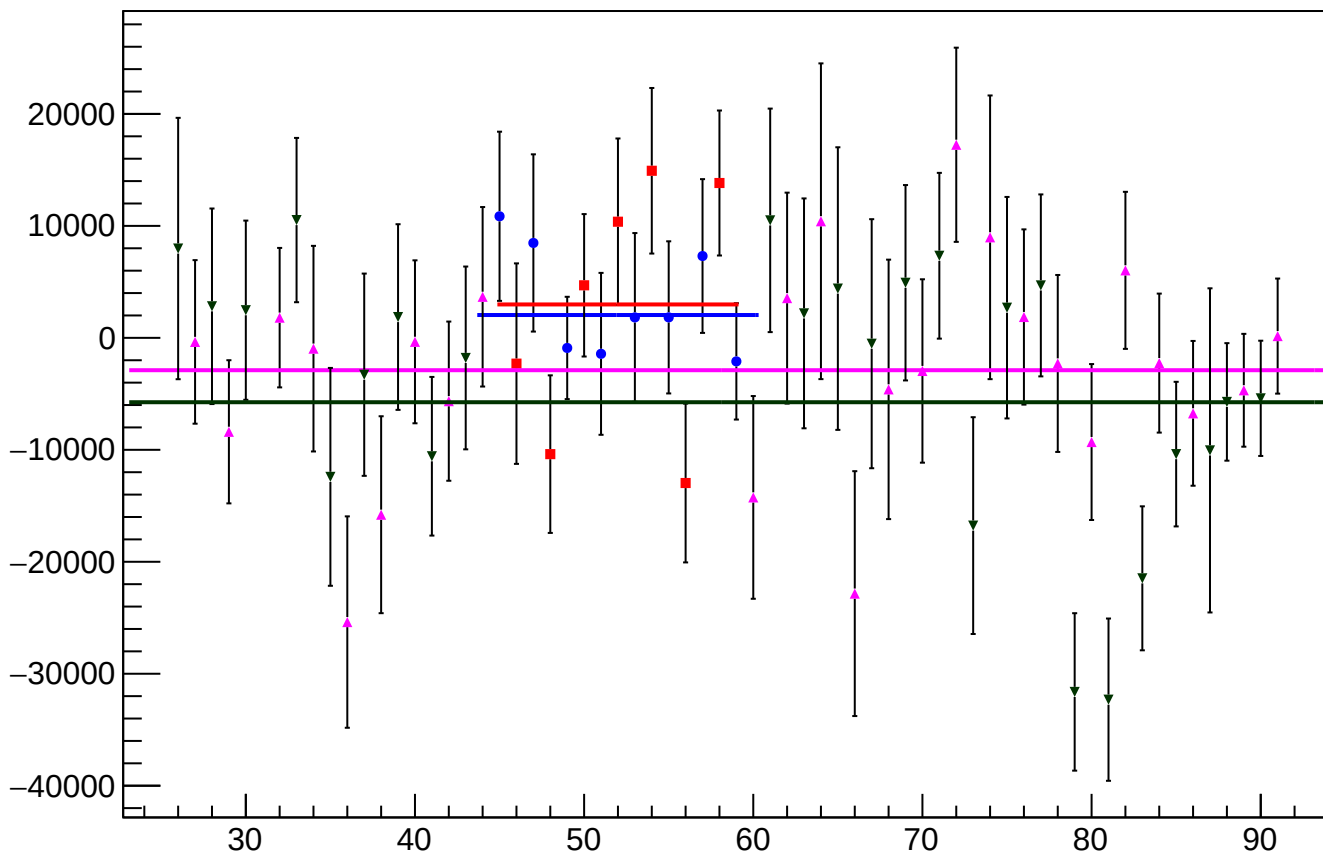
Left Out: 470.811+/-0.096 χ^2/NDF : 556725.8/24

Right Out: 475.589+/-0.182 χ^2/NDF : 58505.6/6

Left In: 474.625+/-0.092 χ^2/NDF : 546247.0/24

474.478+/-0.058 χ^2/NDF : 1212019.9/64

asym_sam_37_dd_correction_mean vs slug



Right In: 2039.659 $\pm$ 2247.068 χ^2 /NDF: 3.9/7

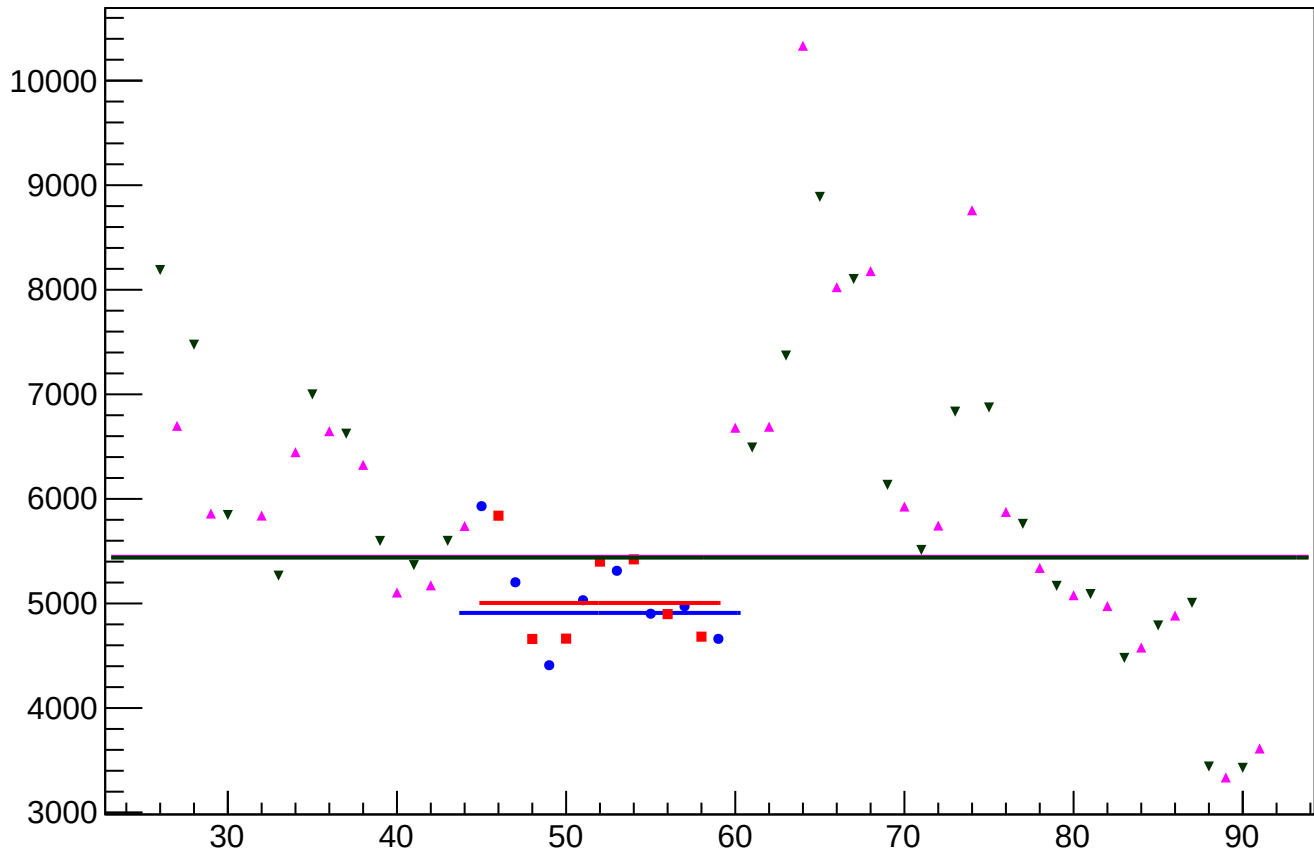
Left Out: -5749.225 $\pm$ 1592.088 χ^2 /NDF: 56.4/24

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

-2328.536 $\pm$ 925.102 χ^2 /NDF: 114.7/64

asym_sam_37_dd_correction_rms vs slug



Right In: 4909.731+/-1.589 χ^2/NDF : 74237.1/7

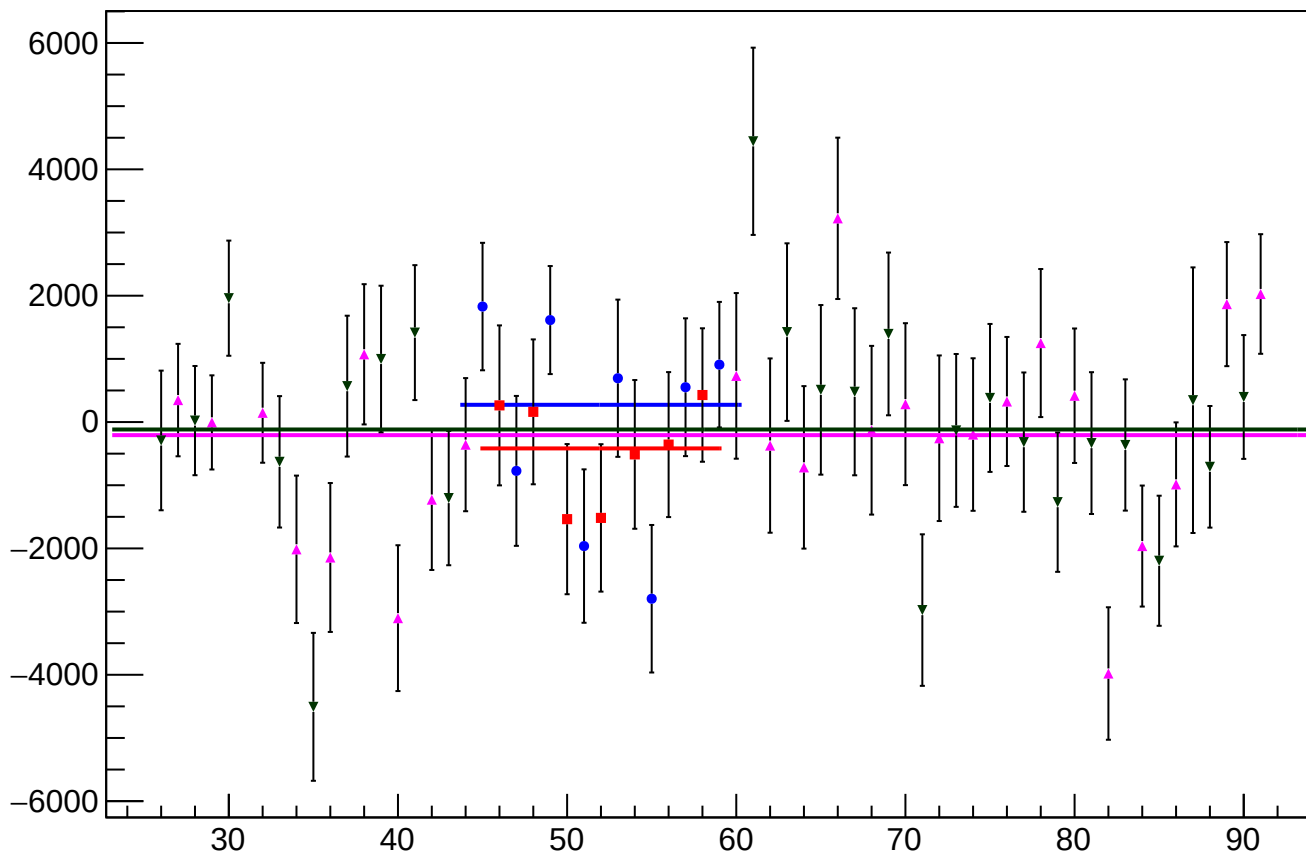
Left Out: 5438.550+/-1.126 χ^2/NDF :1439838.7/24

Right Out: 5004.879+/-1.907 χ^2/NDF : 45341.7/6

Left In: 5447.046+/-1.068 χ^2/NDF :1522763.6/24

5301.074+/-0.654 χ^2/NDF : 3200565.0/64

reg_asym_sam_48_dd_mean vs slug



Right In: 273.138+/-378.698 χ^2/NDF : 16.5/7

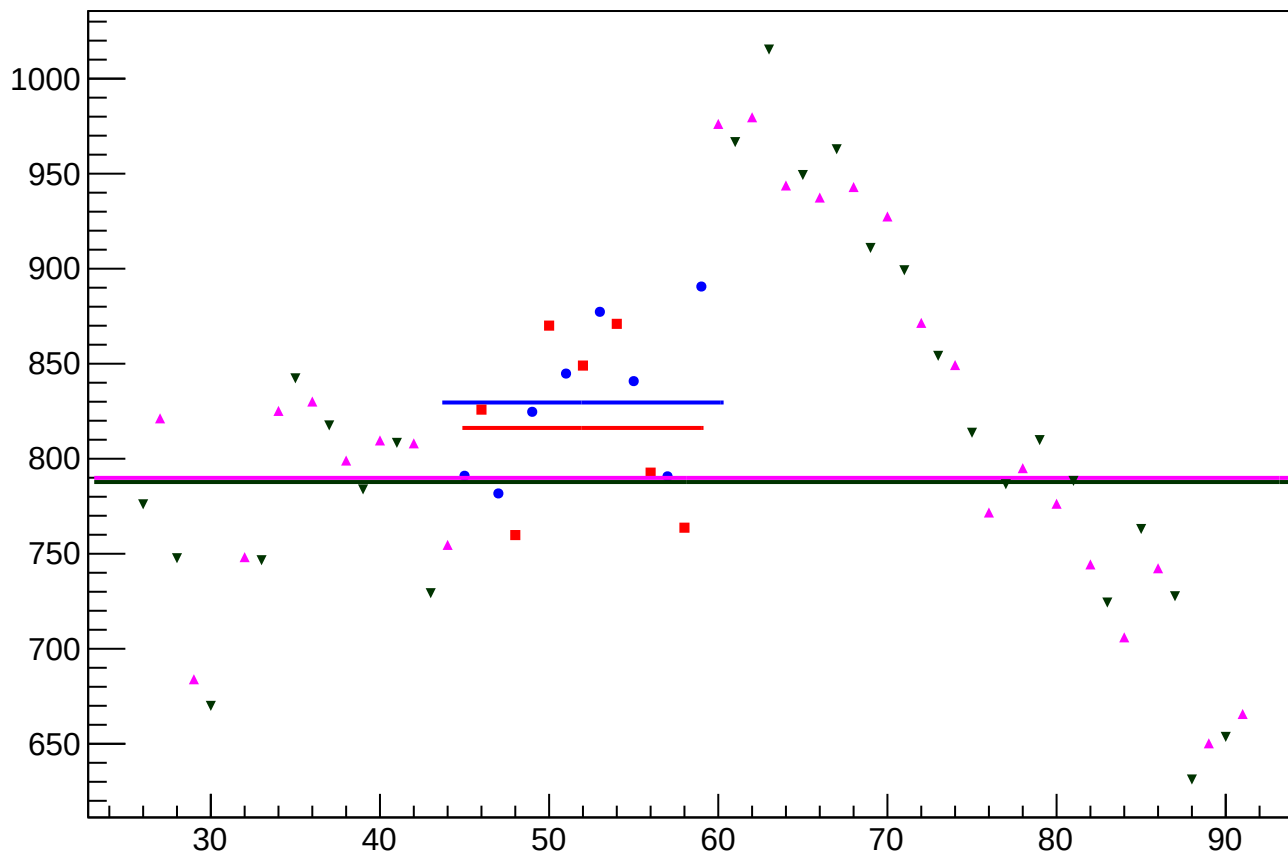
Left Out: -117.547+/-224.841 χ^2/NDF : 48.3/24

Right Out: -417.224+/-438.318 χ^2/NDF : 3.0/6

Left In: -207.084+/-213.625 χ^2/NDF : 51.4/24

-132.353+/-136.245 χ^2/NDF : 120.9/64

reg_asym_sam_48_dd_rms vs slug



Right In: 829.588 $\pm$ 0.268 χ^2 /NDF: 19767.3/7

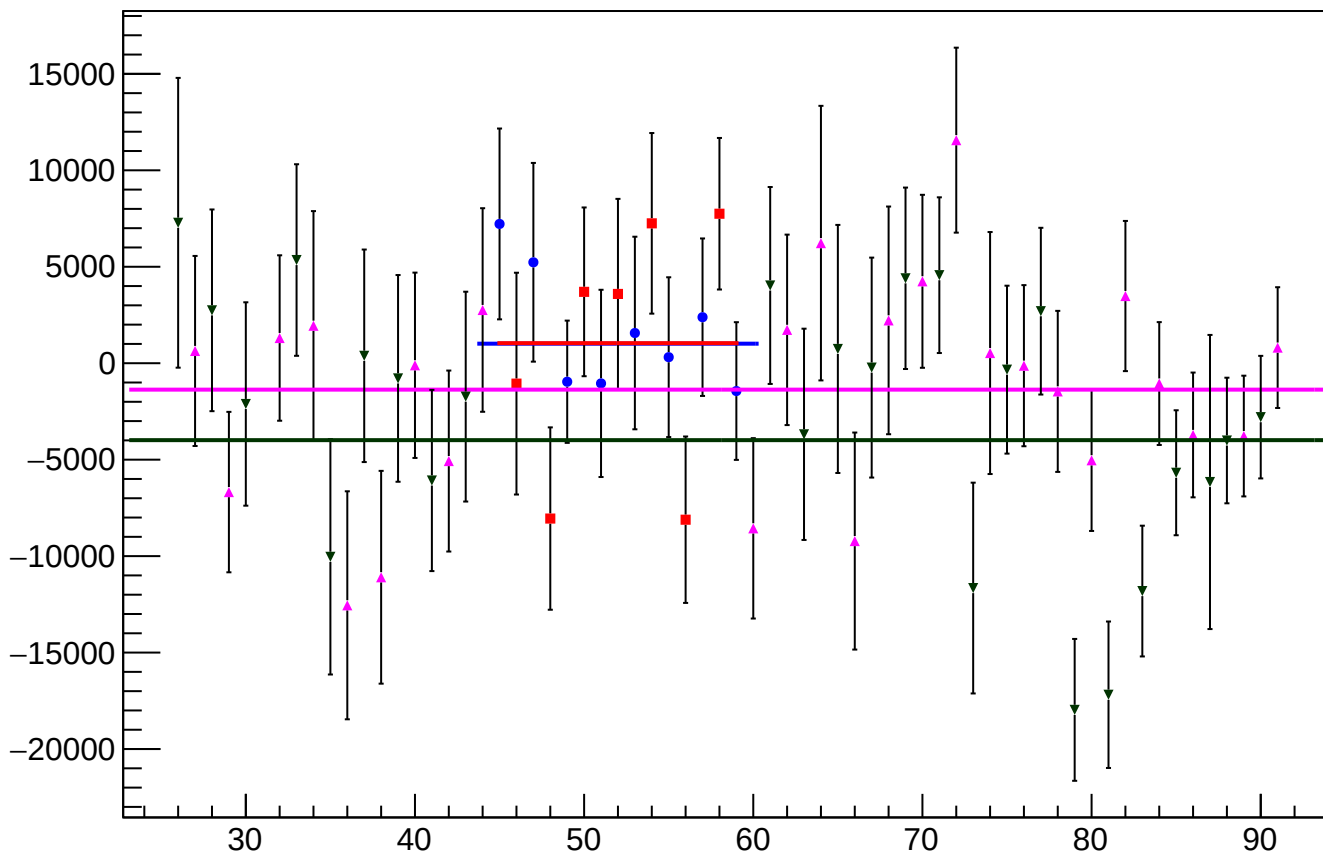
Left Out: 787.736 $\pm$ 0.159 χ^2 /NDF: 343286.0/24

Right Out: 816.201 $\pm$ 0.310 χ^2 /NDF: 20749.6/6

Left In: 789.926 $\pm$ 0.151 χ^2 /NDF: 351305.9/24

796.794 $\pm$ 0.096 χ^2 /NDF: 759341.3/64

asym_sam_48_dd_correction_mean vs slug



Right In: 1012.537 $\pm$ 1478.292 χ^2 /NDF: 3.4/7

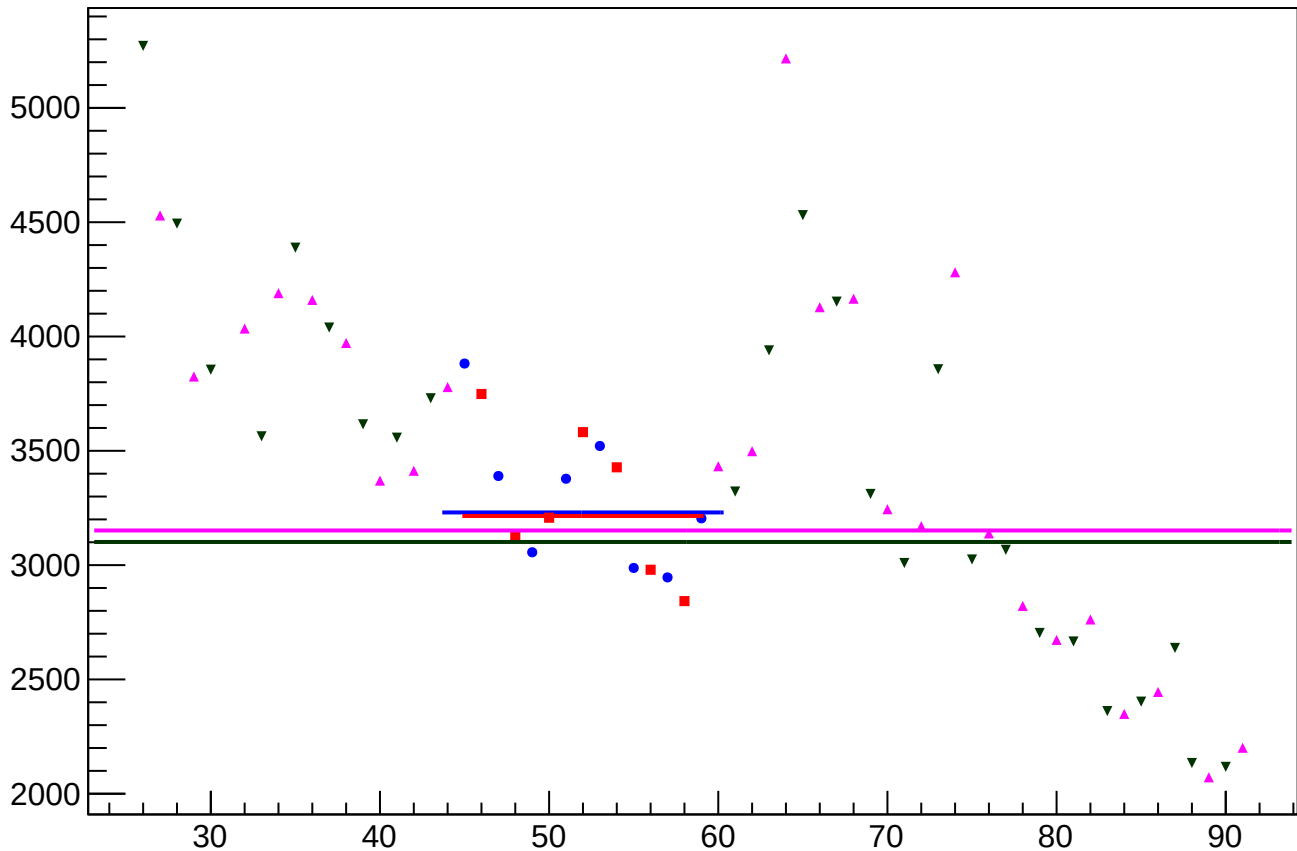
Left Out: -3988.028 $\pm$ 907.535 χ^2 /NDF: 58.5/24

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

-1758.477 $\pm$ 549.528 χ^2 /NDF: 117.8/64

asym_sam_48_dd_correction_rms vs slug



Right In: 3230.387+/-1.045 χ^2/NDF : 67949.5/7

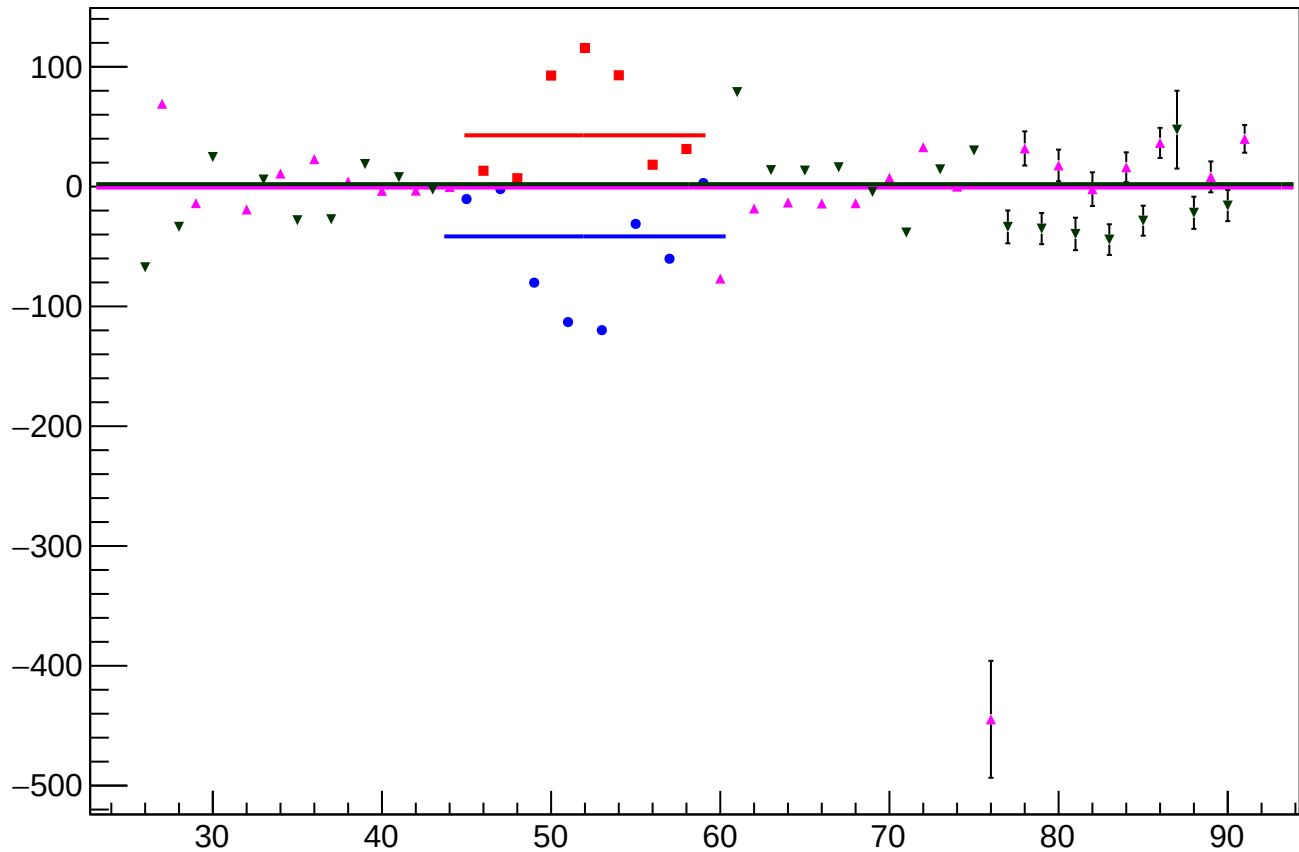
Left Out: 3101.303+/-0.642 χ^2/NDF :1453235.1/24

3150.380+/-0.389 χ^2/NDF : 3170671.3/64

Right Out: 3214.914+/-1.226 χ^2/NDF : 57024.1/6

Left In: 3151.536+/-0.618 χ^2/NDF :1577981.5/24

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -41.572 ± 0.723 χ^2/NDF : 3564.0/7

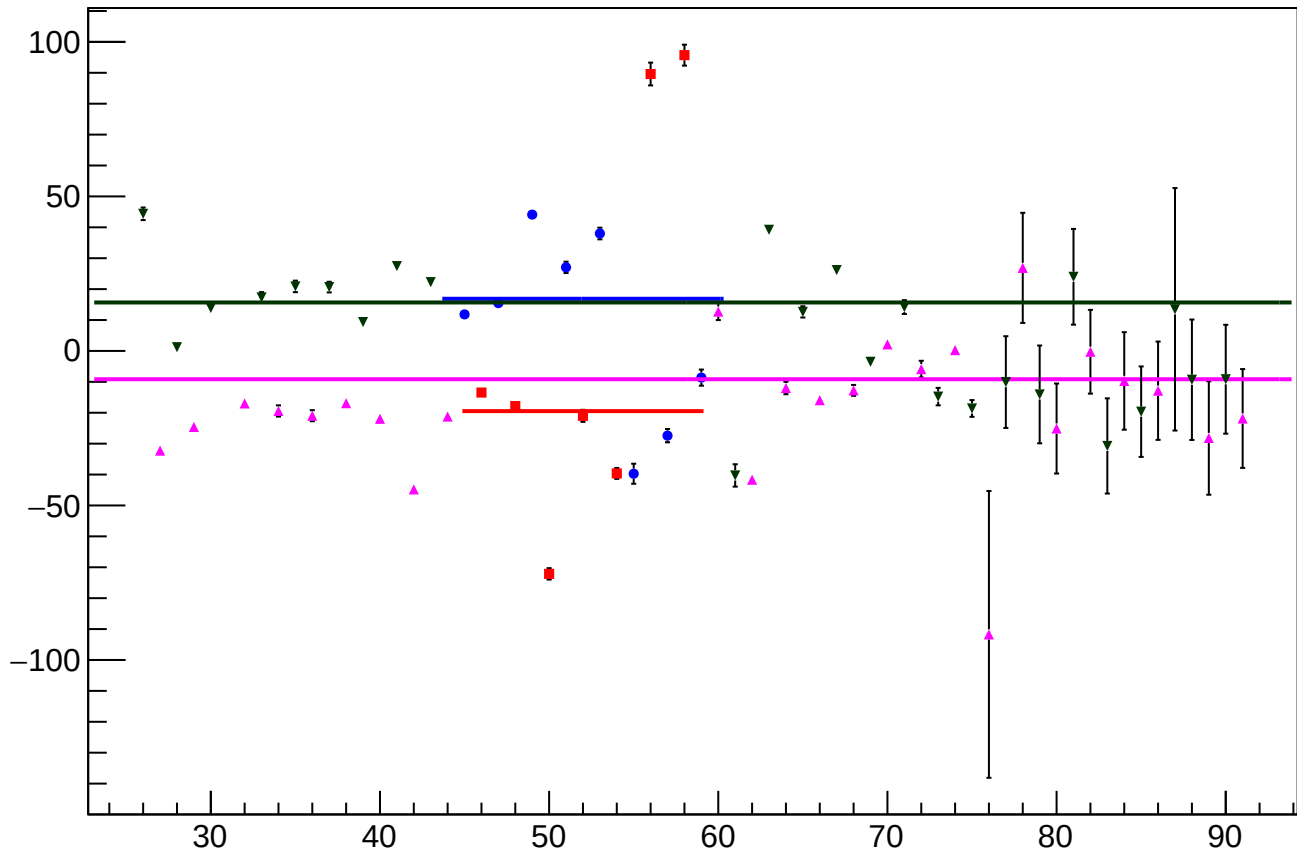
Left Out: 2.060 ± 0.411 χ^2/NDF : 3461.8/24

-0.925 ± 0.187 χ^2/NDF : 19002.7/64

Right Out: 42.817 ± 0.873 χ^2/NDF : 2294.6/6

Left In: -0.792 ± 0.226 χ^2/NDF : 3957.7/24

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 16.876 ± 0.575 $\chi^2/\text{NDF}: 1405.1/7$

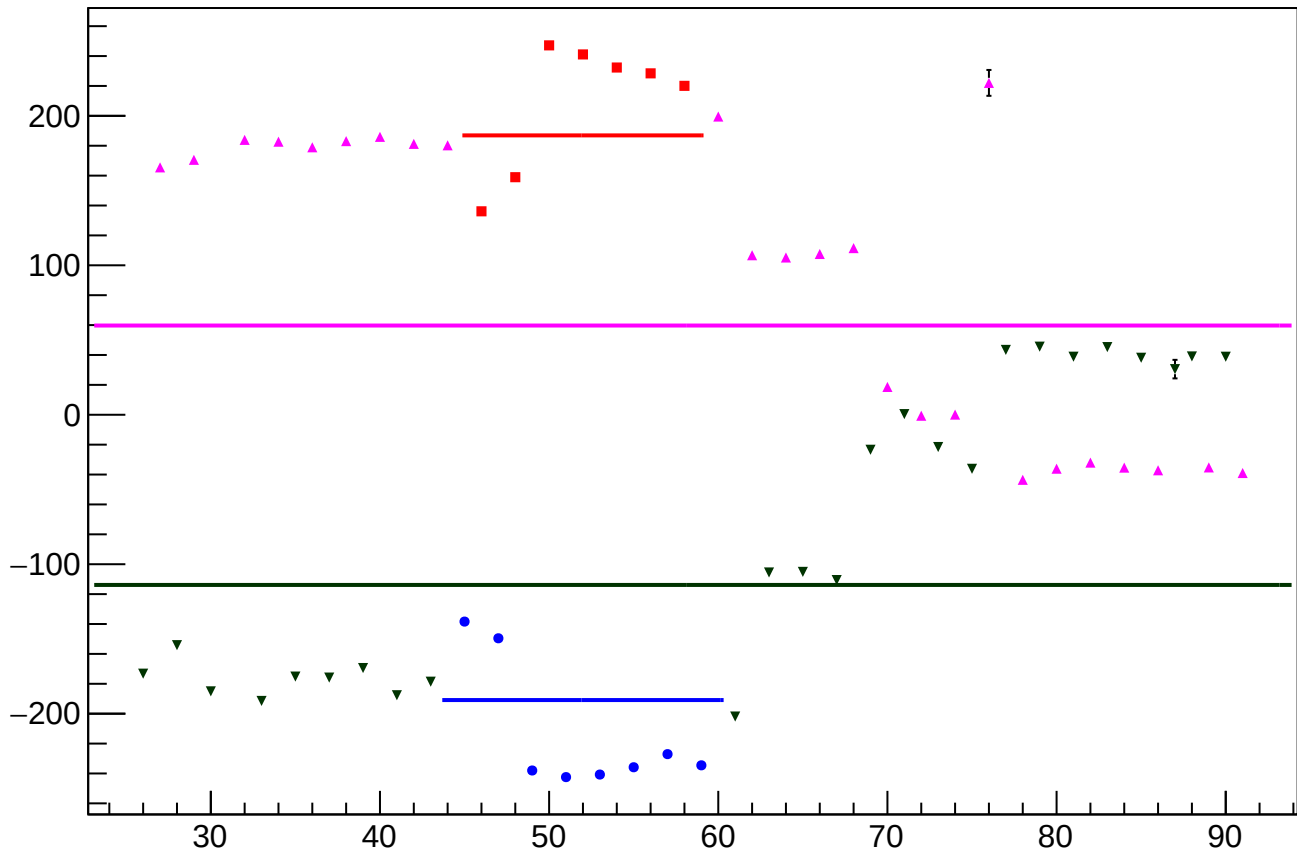
Left Out: 15.682 ± 0.397 $\chi^2/\text{NDF}: 1601.7/24$

Right Out: -19.473 ± 0.684 $\chi^2/\text{NDF}: 2996.7/6$

Left In: -9.159 ± 0.237 $\chi^2/\text{NDF}: 3469.2/24$

-1.865 ± 0.185 $\chi^2/\text{NDF}: 14101.4/64$

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -190.883 $\pm$ 0.127 χ^2 /NDF: 137045.6/7

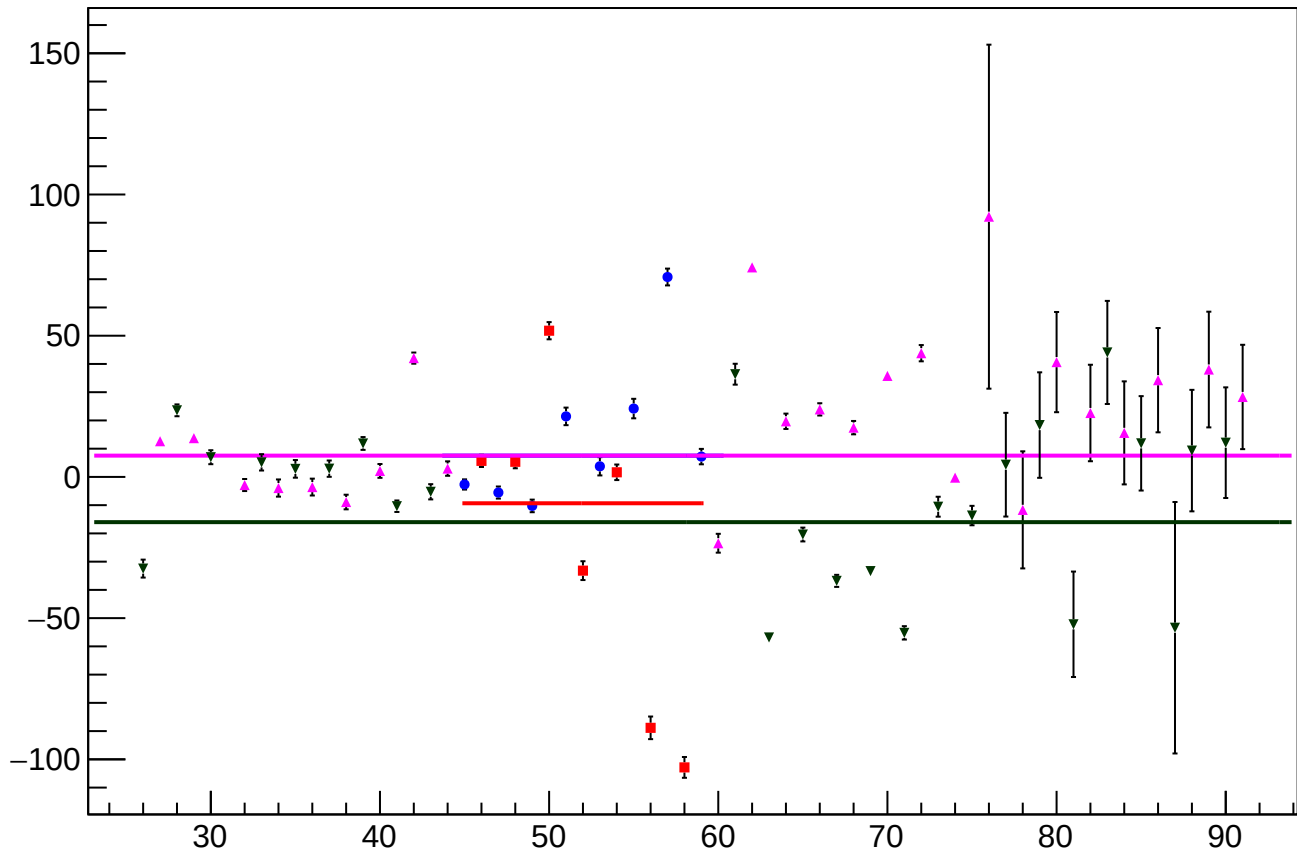
Left Out: -113.860 $\pm$ 0.071 χ^2 /NDF: 813450.6/24

Right Out: 186.920 $\pm$ 0.148 χ^2 /NDF: 93707.1/6

Left In: 59.704 $\pm$ 0.047 χ^2 /NDF: 2549577.5/24

1.957 $\pm$ 0.036 χ^2 /NDF: 11660851.3/64

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 7.534 ± 0.893 $\chi^2/\text{NDF}: 628.1/7$

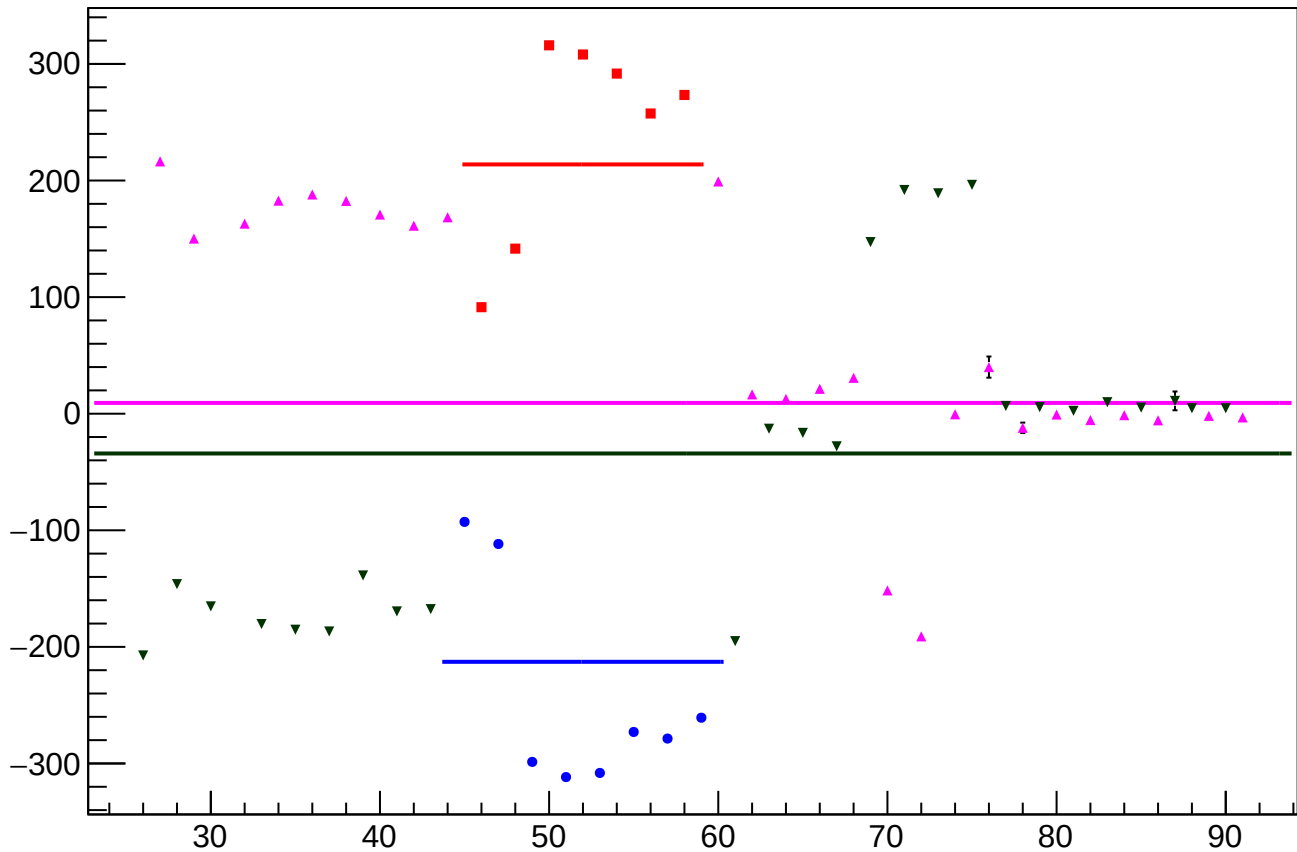
Left Out: -16.012 ± 0.589 $\chi^2/\text{NDF}: 2005.0/24$

Right Out: -9.328 ± 1.074 $\chi^2/\text{NDF}: 1597.6/6$

Left In: 7.541 ± 0.329 $\chi^2/\text{NDF}: 2924.7/24$

1.745 ± 0.265 $\chi^2/\text{NDF}: 8521.8/64$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -212.810 $\pm$ 0.173 χ^2 /NDF: 290900.2/7

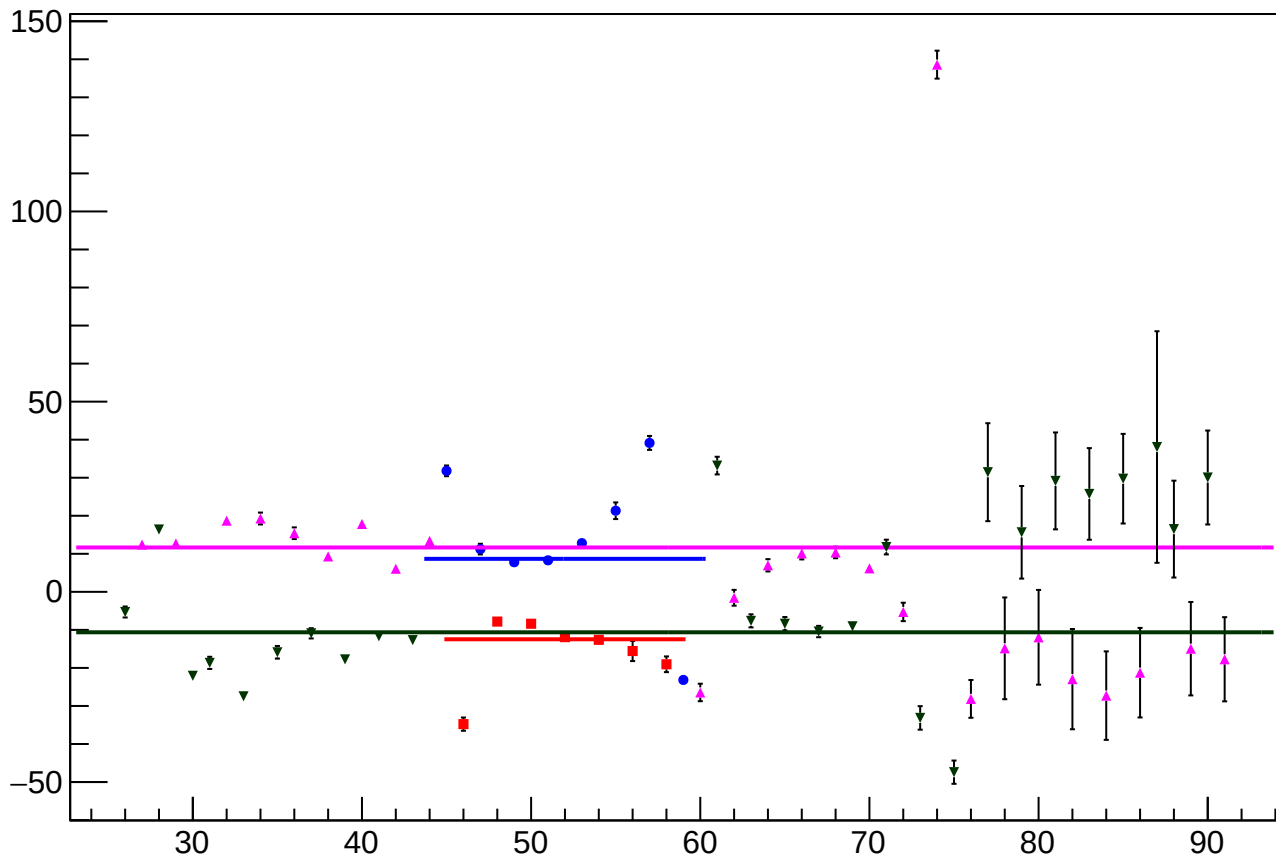
Left Out: -34.108 $\pm$ 0.104 χ^2 /NDF: 2018489.9/24

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

0.999 $\pm$ 0.036 χ^2 /NDF: 7107545.7/64

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 8.677 ± 0.380 χ^2/NDF : 1432.5/7

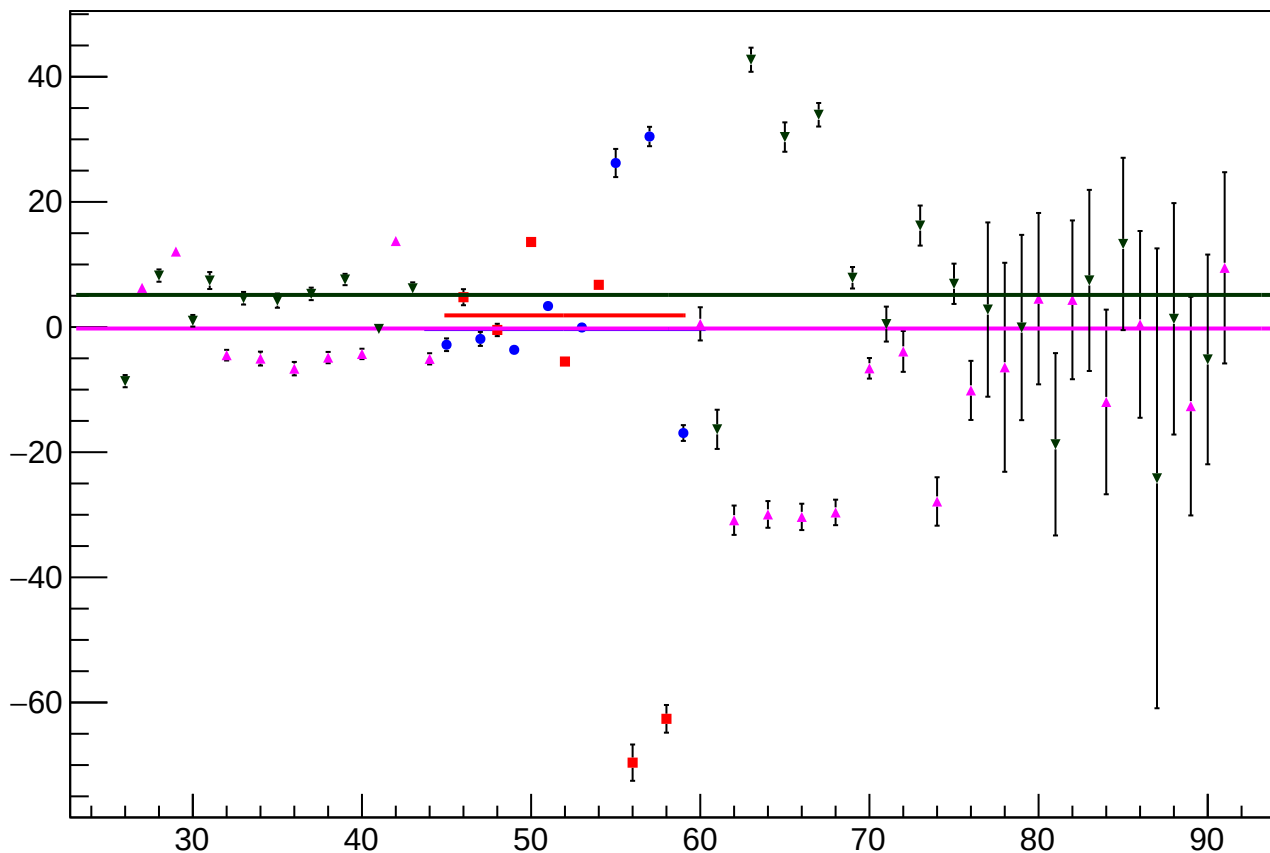
Left Out: -10.634 ± 0.345 χ^2/NDF : 1521.8/25

Right Out: -12.470 ± 0.466 χ^2/NDF : 213.6/6

Left In: 11.663 ± 0.326 χ^2/NDF : 1839.7/24

0.789 ± 0.185 χ^2/NDF : 8452.7/65

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.320 ± 0.303 χ^2/NDF : 783.3/7

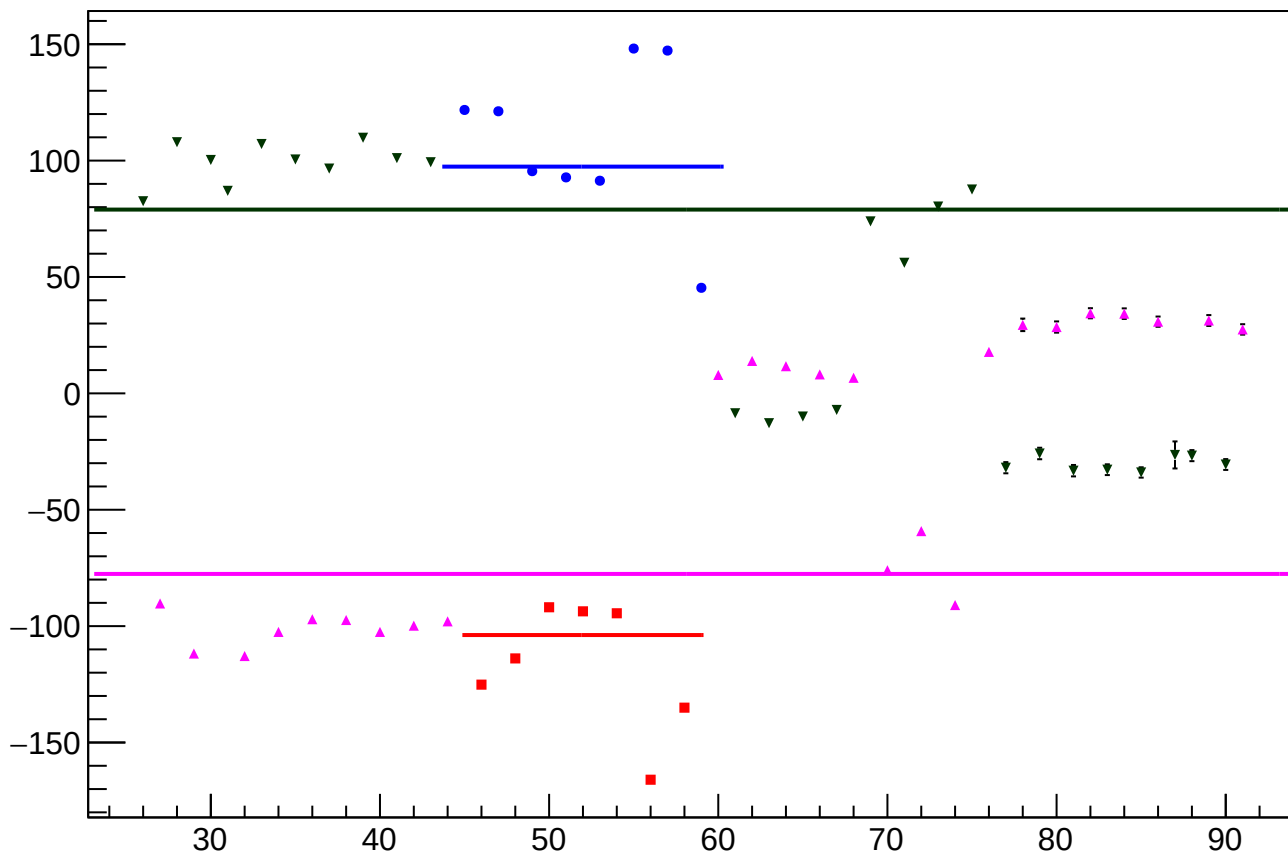
Left Out: 5.135 ± 0.285 χ^2/NDF : 1095.4/25

Right Out: 1.864 ± 0.349 χ^2/NDF : 1944.7/6

Left In: -0.233 ± 0.263 χ^2/NDF : 1761.3/24

1.561 ± 0.148 χ^2/NDF : 5827.5/65

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 97.412+/-0.070 χ^2/NDF : 134160.8/7

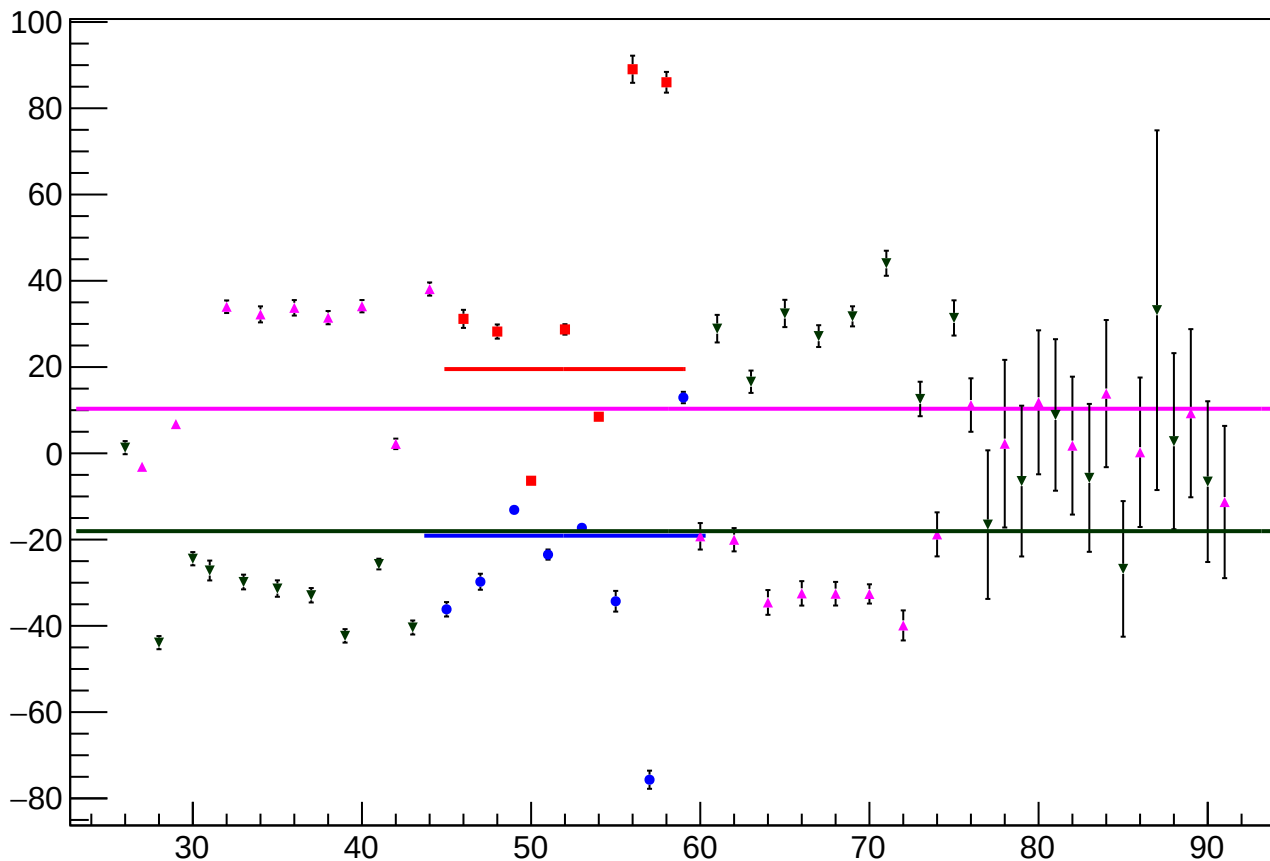
Left Out: 78.956+/-0.058 χ^2/NDF : 501993.8/25

3.694+/-0.032 χ^2/NDF : 8645840.9/65

Right Out: -103.831+/-0.082 χ^2/NDF : 46067.9/6

Left In: -77.576+/-0.056 χ^2/NDF : 649913.0/24

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.097 $\pm$ 0.476 χ^2 /NDF: 1552.8/7

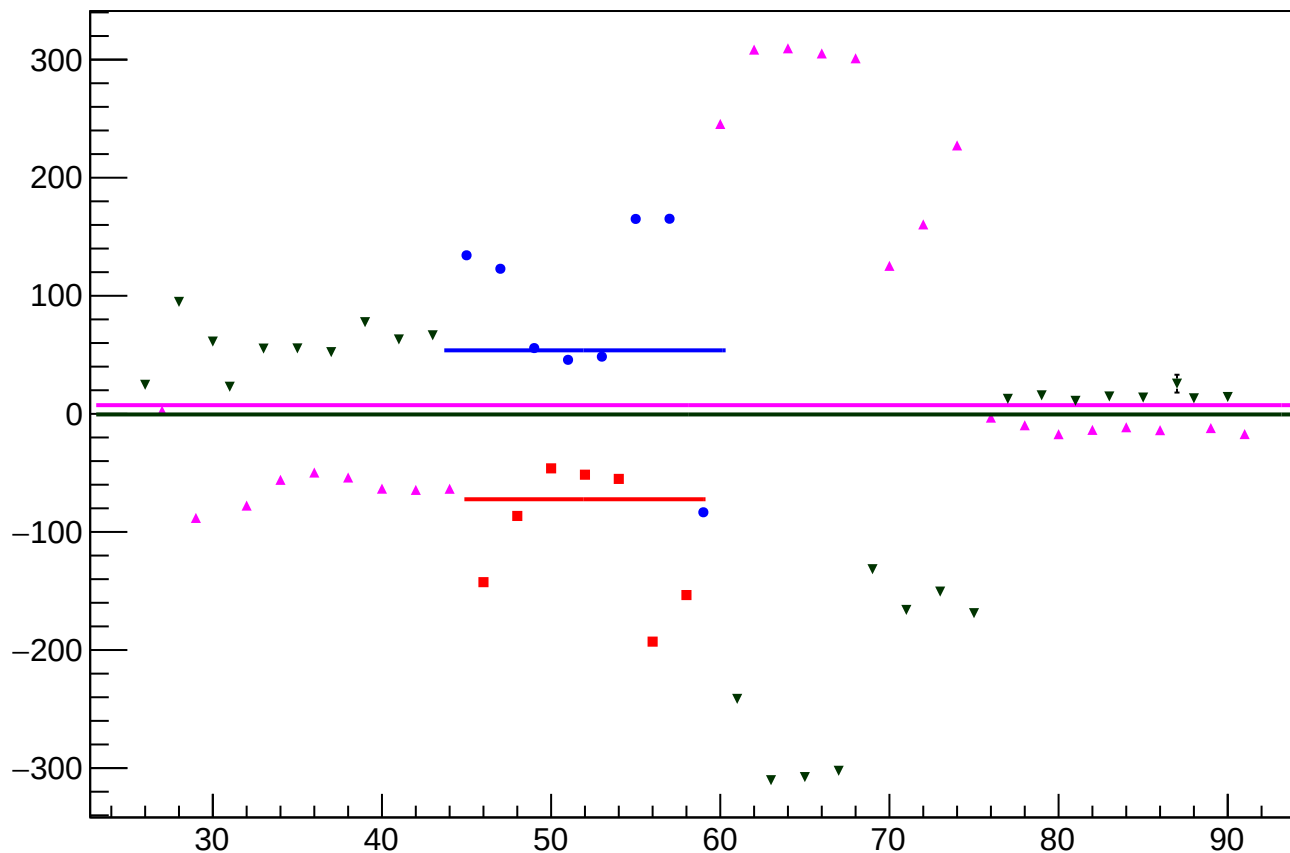
Left Out: -18.045 $\pm$ 0.455 χ^2 /NDF: 3219.8/25

Right Out: 19.533 $\pm$ 0.562 χ^2 /NDF: 2039.9/6

Left In: 10.333 $\pm$ 0.419 χ^2 /NDF: 3120.2/24

-2.814 $\pm$ 0.235 χ^2 /NDF: 14790.8/65

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 53.793+/-0.091 χ^2/NDF : 530546.0/7

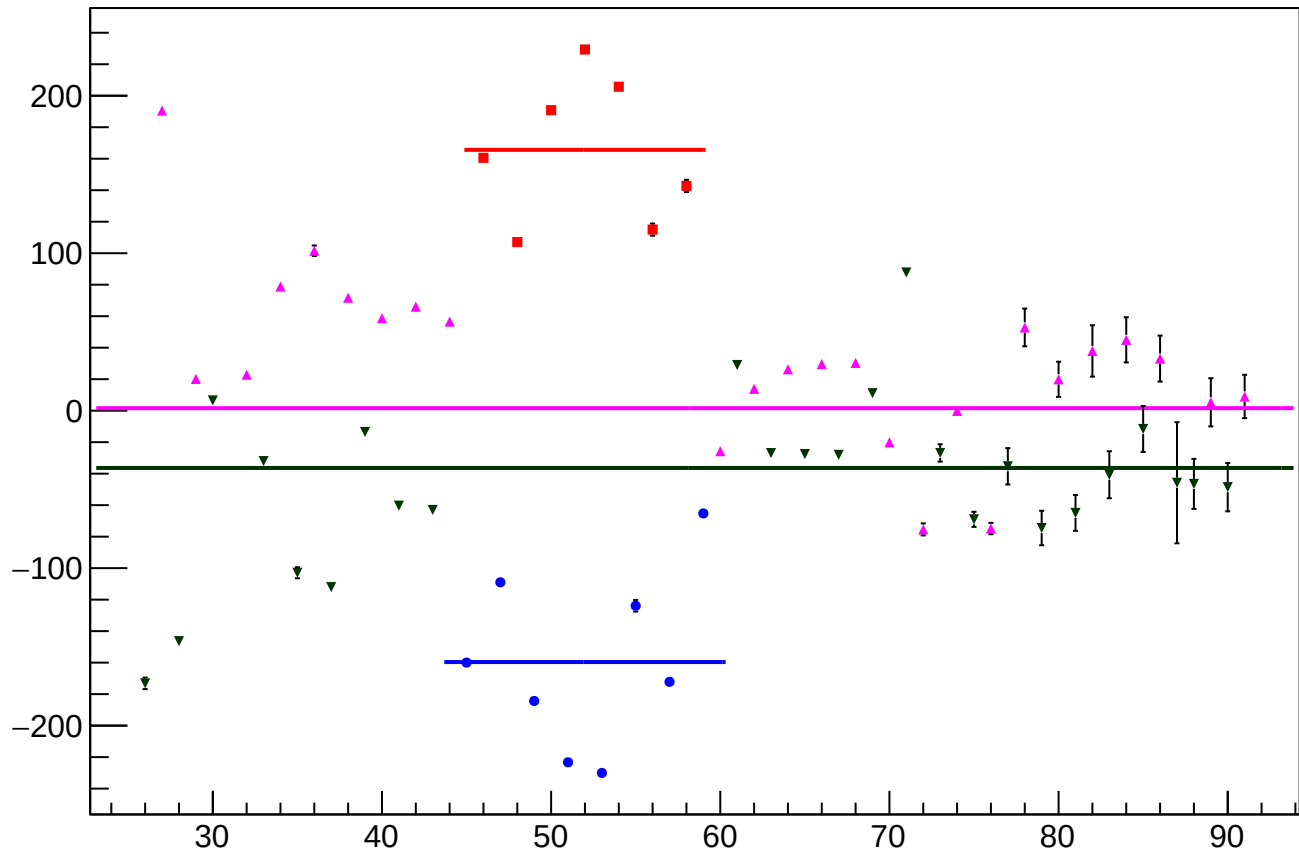
Left Out: -0.499+/-0.081 χ^2/NDF : 2130492.5/25

Right Out: -72.322+/-0.105 χ^2/NDF : 145889.4/6

Left In: 7.366+/-0.084 χ^2/NDF : 2373940.5/24

1.804+/-0.044 χ^2/NDF : 6014319.1/65

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -159.630 ± 0.896 $\chi^2/\text{NDF}: 3013.4/7$

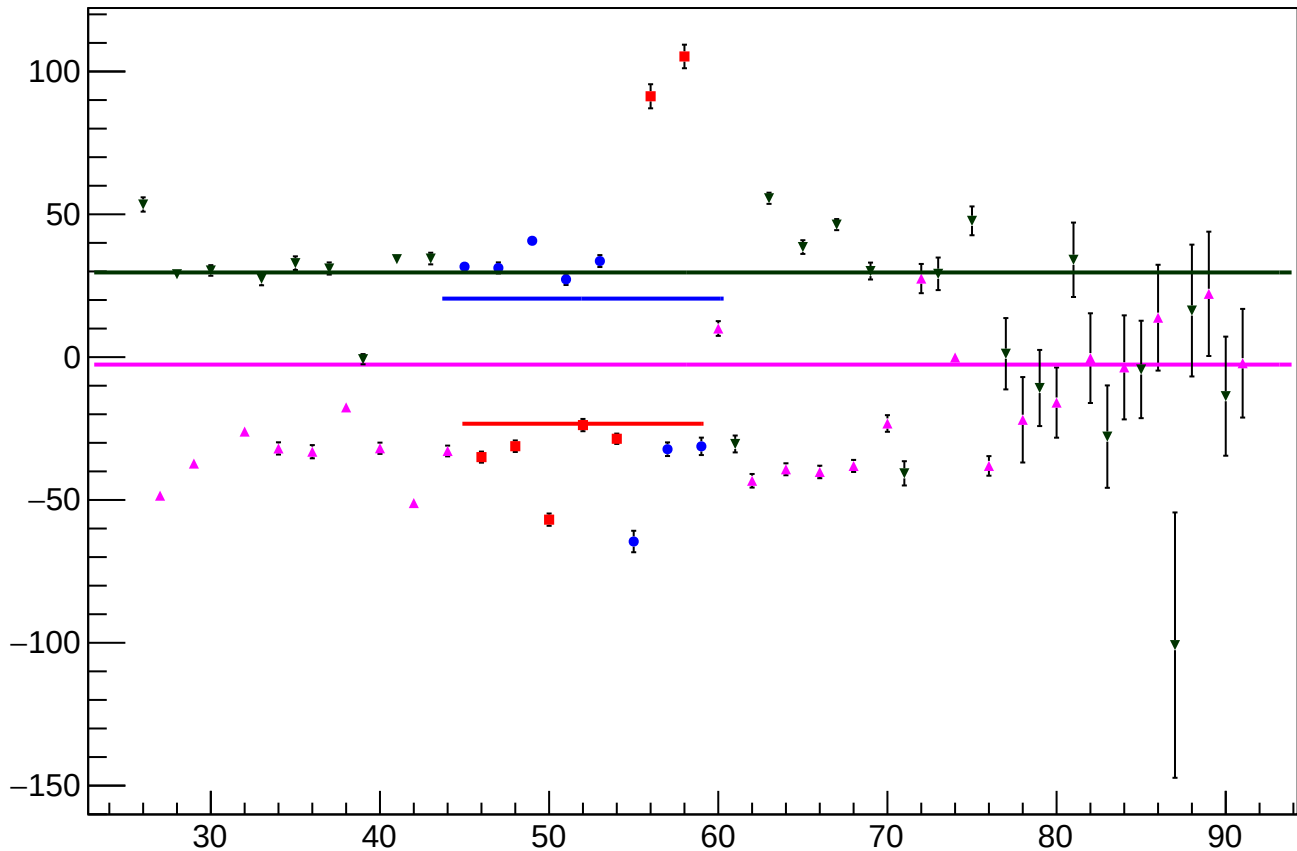
Left Out: -36.368 ± 0.575 $\chi^2/\text{NDF}: 8743.1/24$

Right Out: 165.621 ± 1.103 $\chi^2/\text{NDF}: 1534.0/6$

Left In: 1.603 ± 0.113 $\chi^2/\text{NDF}: 14336.8/24$

-0.561 ± 0.109 $\chi^2/\text{NDF}: 86094.4/64$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 20.492 ± 0.718 χ^2/NDF : 1595.2/7

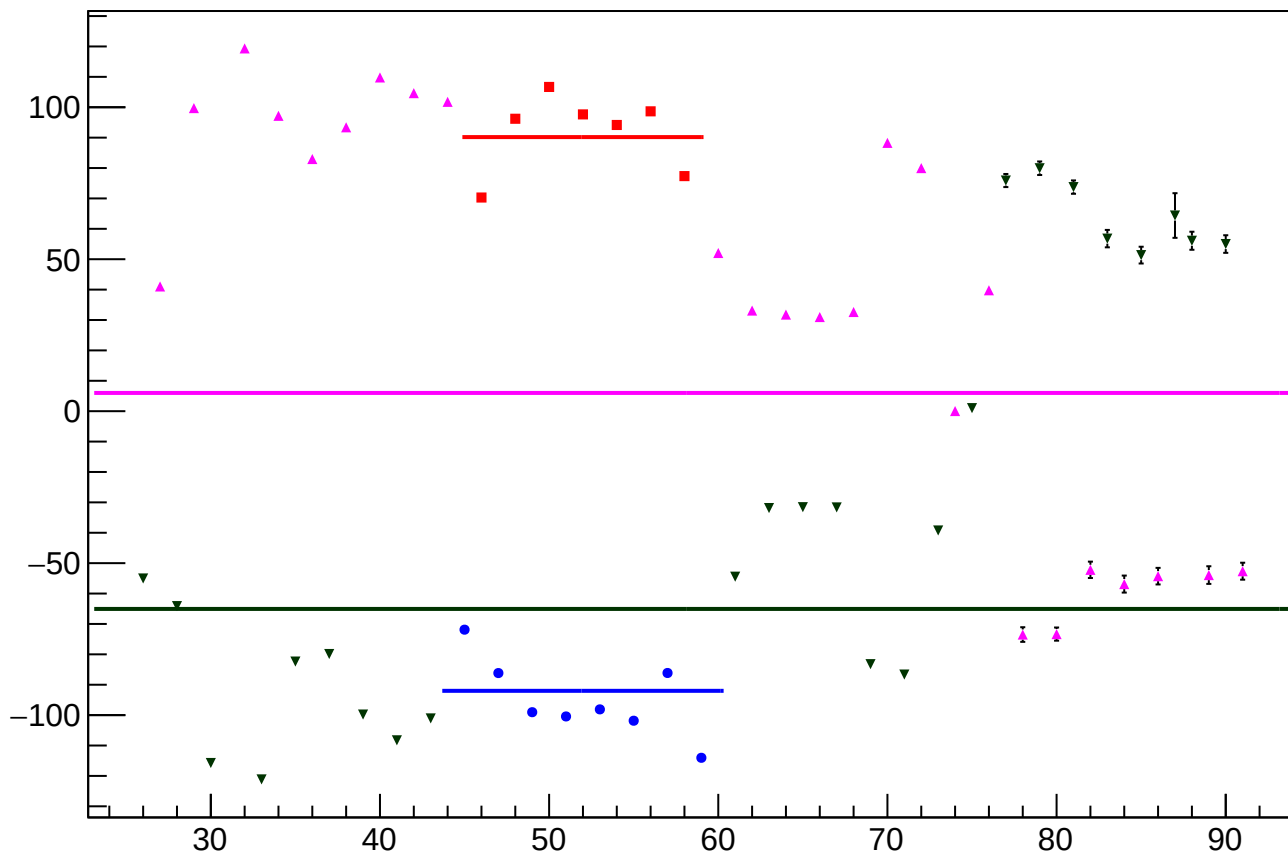
Left Out: 29.648 ± 0.534 χ^2/NDF : 1402.4/24

Right Out: -23.313 ± 0.857 χ^2/NDF : 2013.1/6

Left In: -2.609 ± 0.125 χ^2/NDF : 5832.7/24

-0.766 ± 0.119 χ^2/NDF : 15877.8/64

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -92.006 ± 0.159 $\chi^2/\text{NDF}: 6734.4/7$

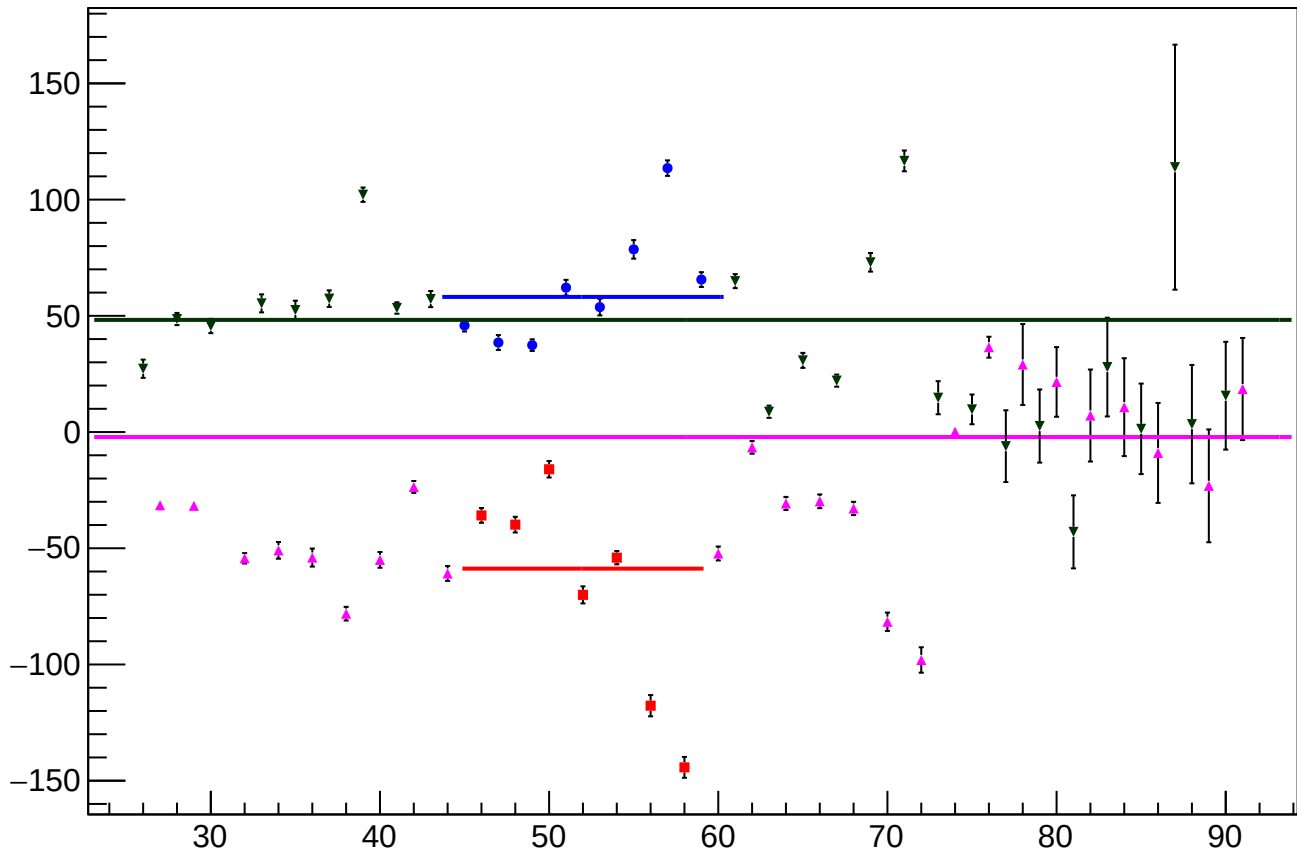
Left Out: -65.061 ± 0.097 $\chi^2/\text{NDF}: 135920.8/24$

Right Out: 90.180 ± 0.187 $\chi^2/\text{NDF}: 4433.6/6$

Left In: 6.004 ± 0.026 $\chi^2/\text{NDF}: 731463.6/24$

0.679 ± 0.024 $\chi^2/\text{NDF}: 1946728.2/64$

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 58.135+/-1.104 χ^2/NDF : 438.4/7

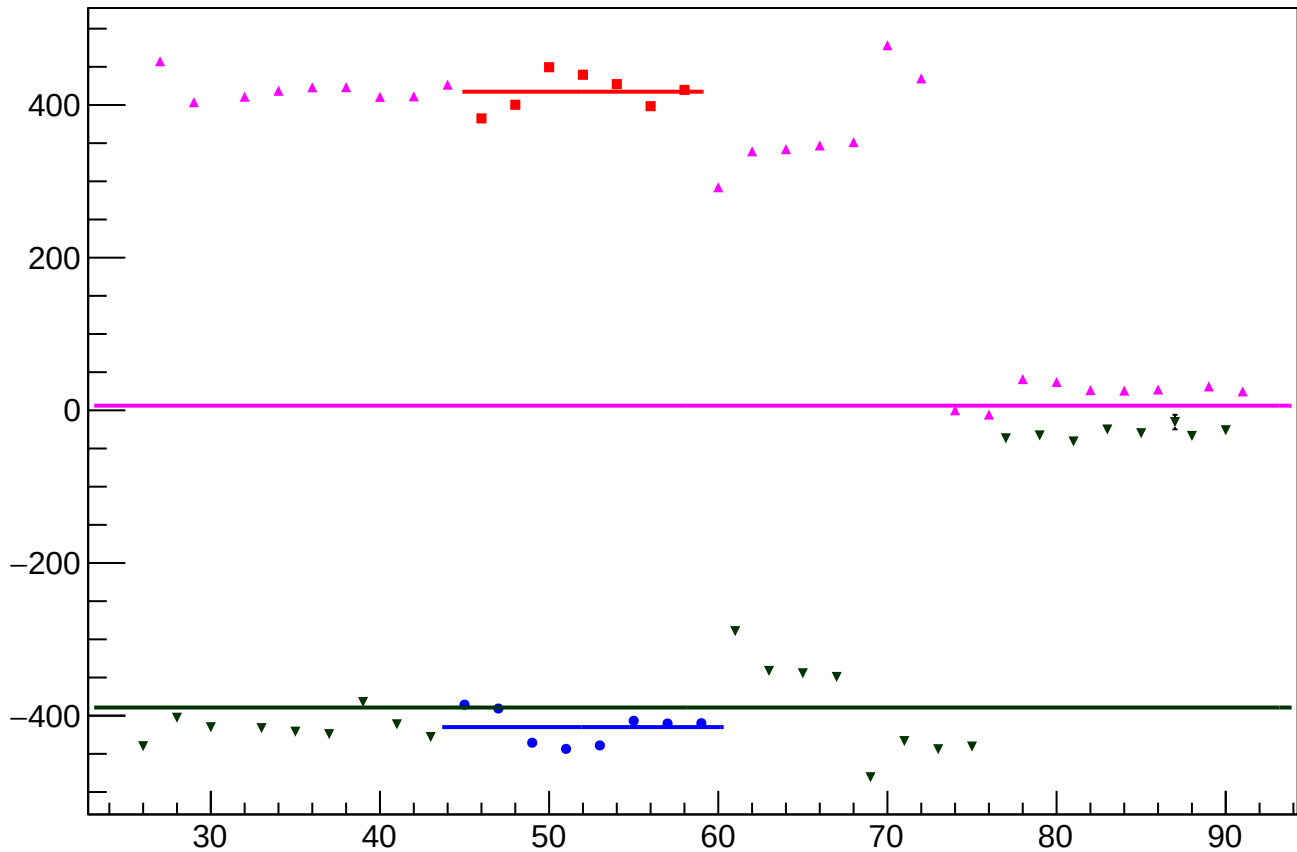
Left Out: 48.254+/-0.803 χ^2/NDF : 1137.9/24

0.345+/-0.161 χ^2/NDF : 14996.2/64

Right Out: -58.758+/-1.336 χ^2/NDF : 769.8/6

Left In: -2.141+/-0.168 χ^2/NDF : 4177.1/24

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -414.950 ± 0.214 $\chi^2/\text{NDF}: 9928.5/7$

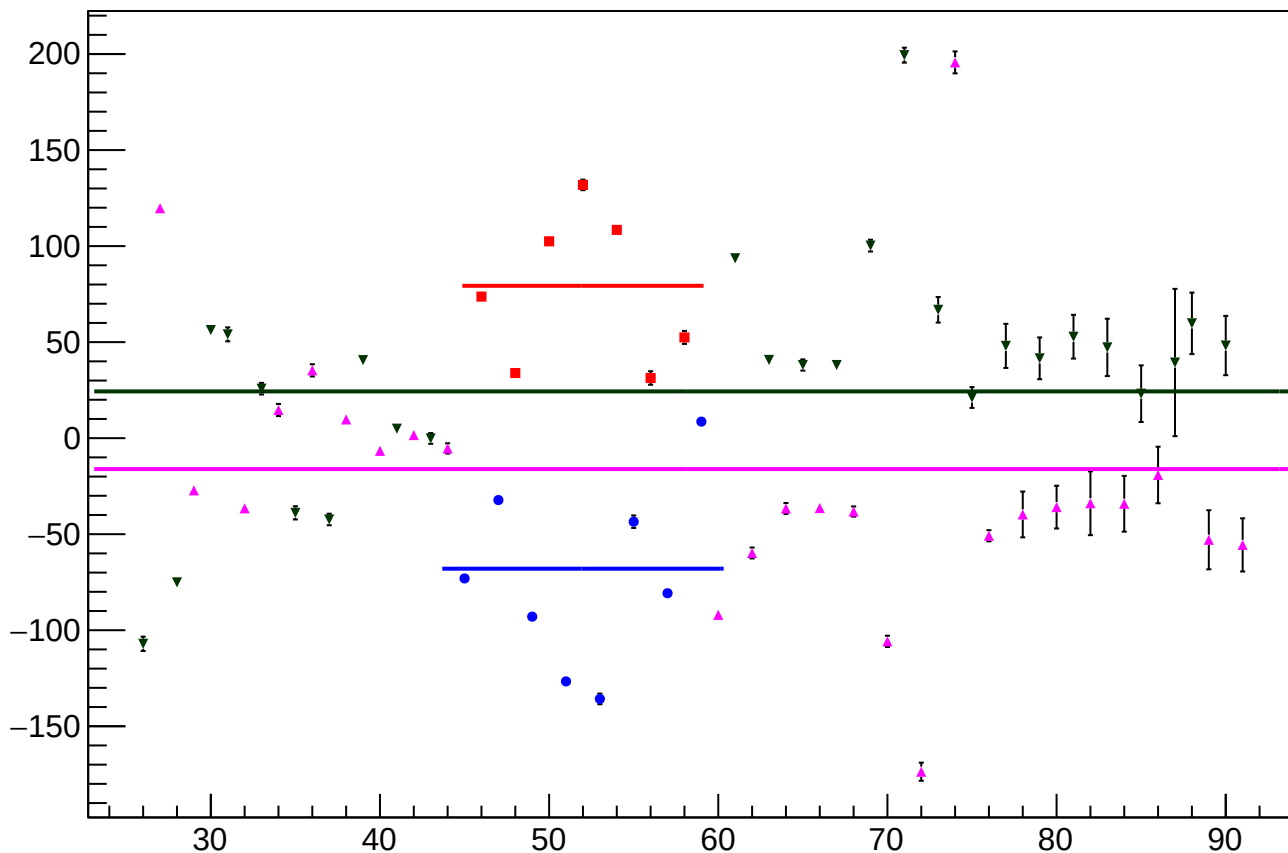
Left Out: -389.307 ± 0.147 $\chi^2/\text{NDF}: 179680.7/24$

Right Out: 417.402 ± 0.254 $\chi^2/\text{NDF}: 8383.5/6$

Left In: 6.118 ± 0.018 $\chi^2/\text{NDF}: 7551041.7/24$

-0.355 ± 0.017 $\chi^2/\text{NDF}: 21363110.9/64$

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -67.963 ± 0.796 $\chi^2/\text{NDF}: 3318.7/7$

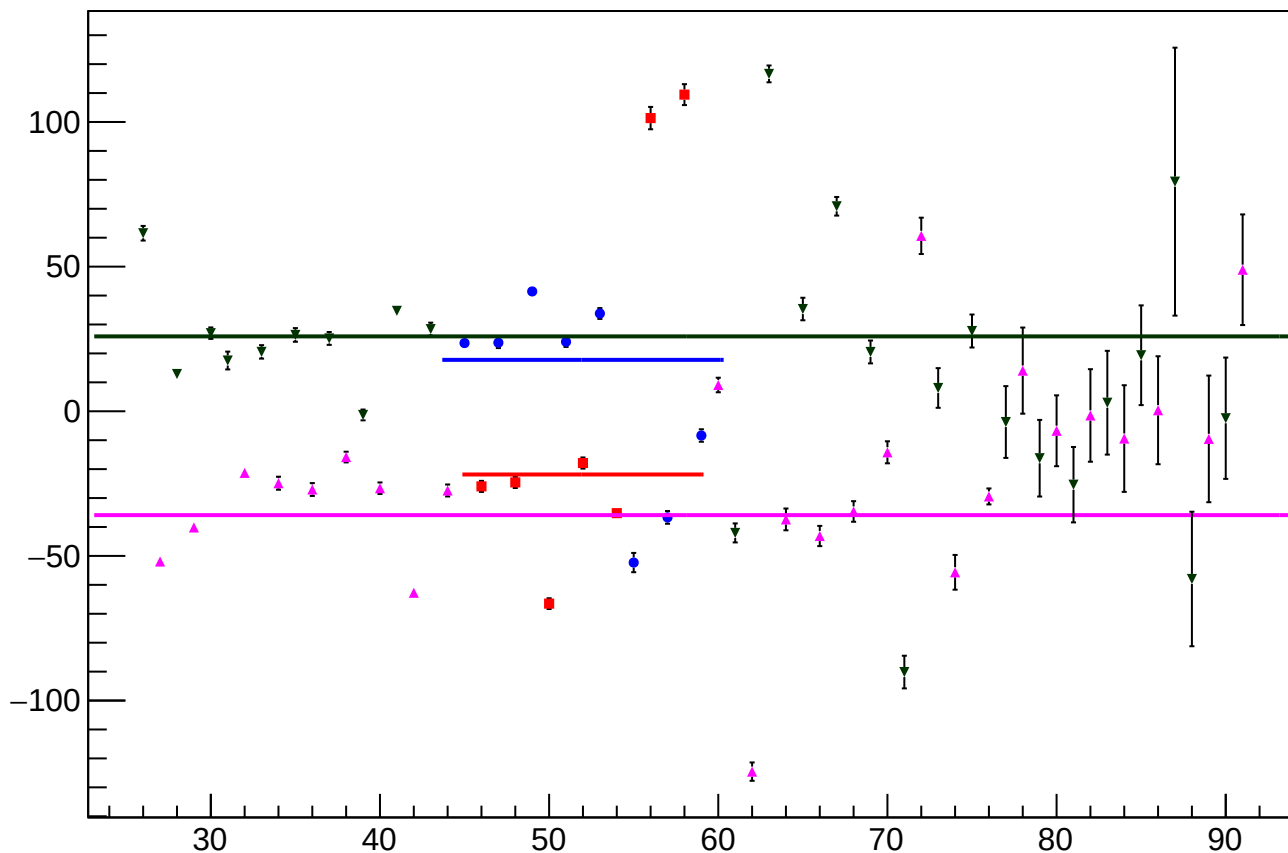
Left Out: 24.349 ± 0.679 $\chi^2/\text{NDF}: 8016.1/25$

Right Out: 79.334 ± 1.019 $\chi^2/\text{NDF}: 1229.1/6$

Left In: -16.091 ± 0.601 $\chi^2/\text{NDF}: 10447.4/24$

-3.027 ± 0.366 $\chi^2/\text{NDF}: 38301.3/65$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 17.772 ± 0.651 $\chi^2/\text{NDF}: 1609.6/7$

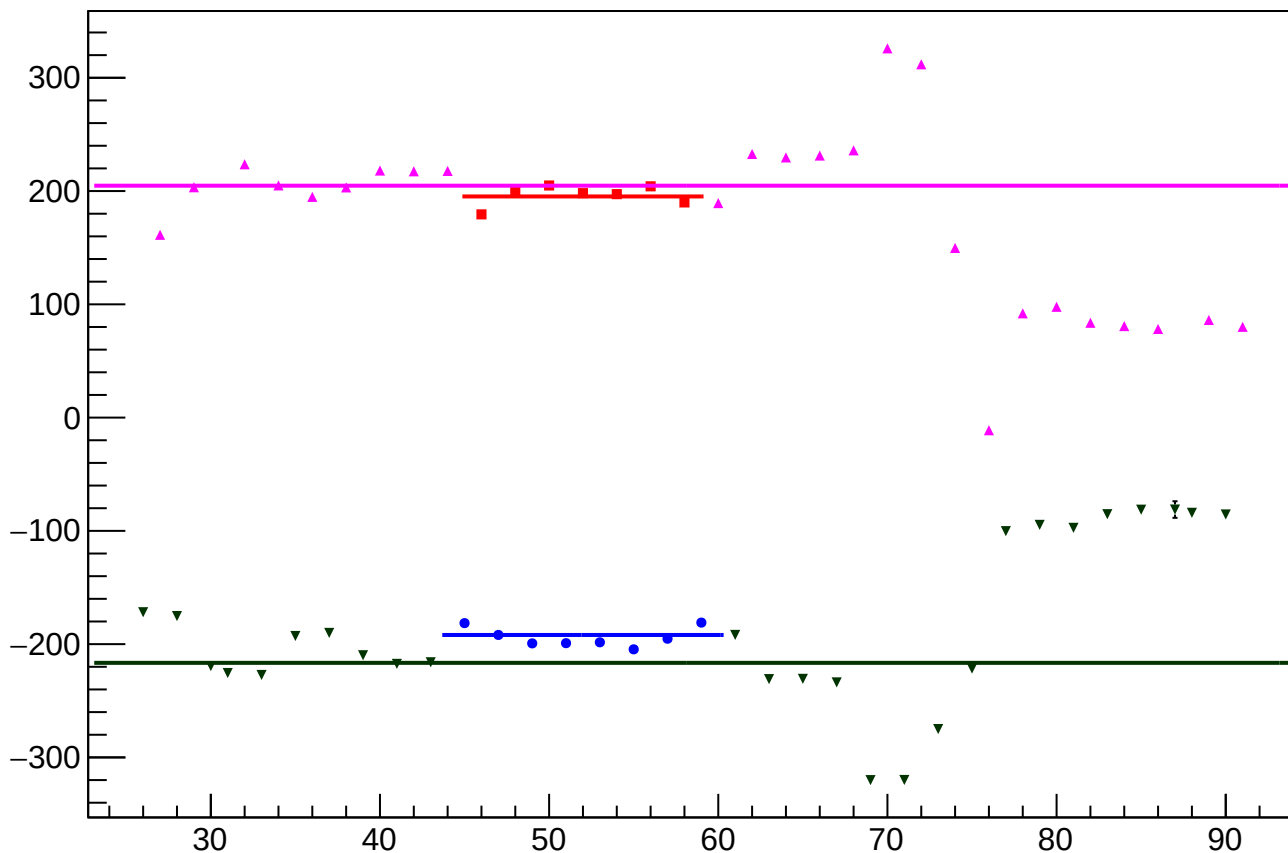
Left Out: 25.888 ± 0.585 $\chi^2/\text{NDF}: 2603.3/25$

Right Out: -21.852 ± 0.794 $\chi^2/\text{NDF}: 2981.0/6$

Left In: -35.899 ± 0.499 $\chi^2/\text{NDF}: 2180.3/24$

-5.641 ± 0.303 $\chi^2/\text{NDF}: 17663.6/65$

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -191.898+/-0.142 χ^2/NDF : 3438.9/7

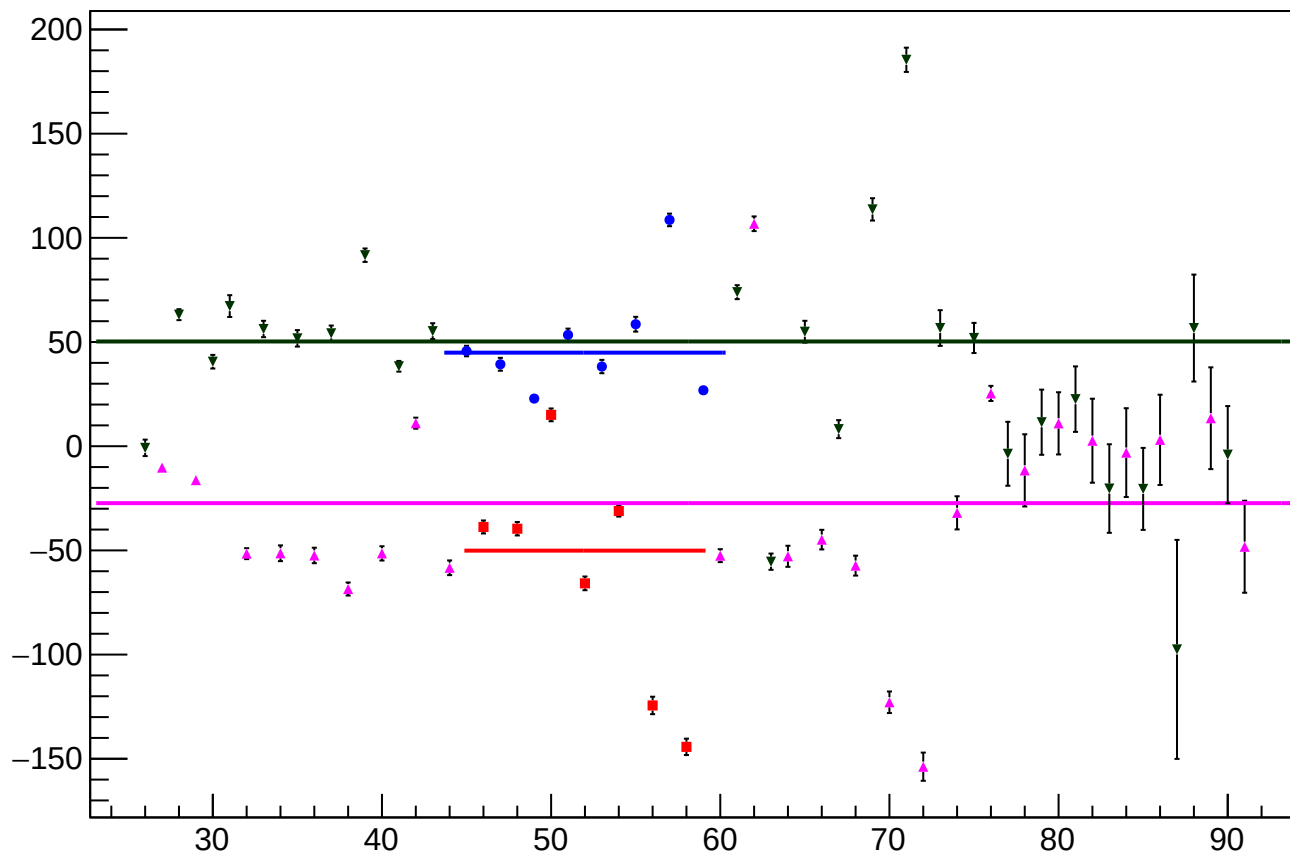
Left Out: -216.512+/-0.115 χ^2/NDF : 99471.5/25

Right Out: 195.242+/-0.174 χ^2/NDF : 2515.0/6

Left In: 204.739+/-0.104 χ^2/NDF : 286718.3/24

-1.536+/-0.063 χ^2/NDF : 10935407.1/65

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 44.902 $\pm$ 0.977 χ^2 /NDF: 632.1/7

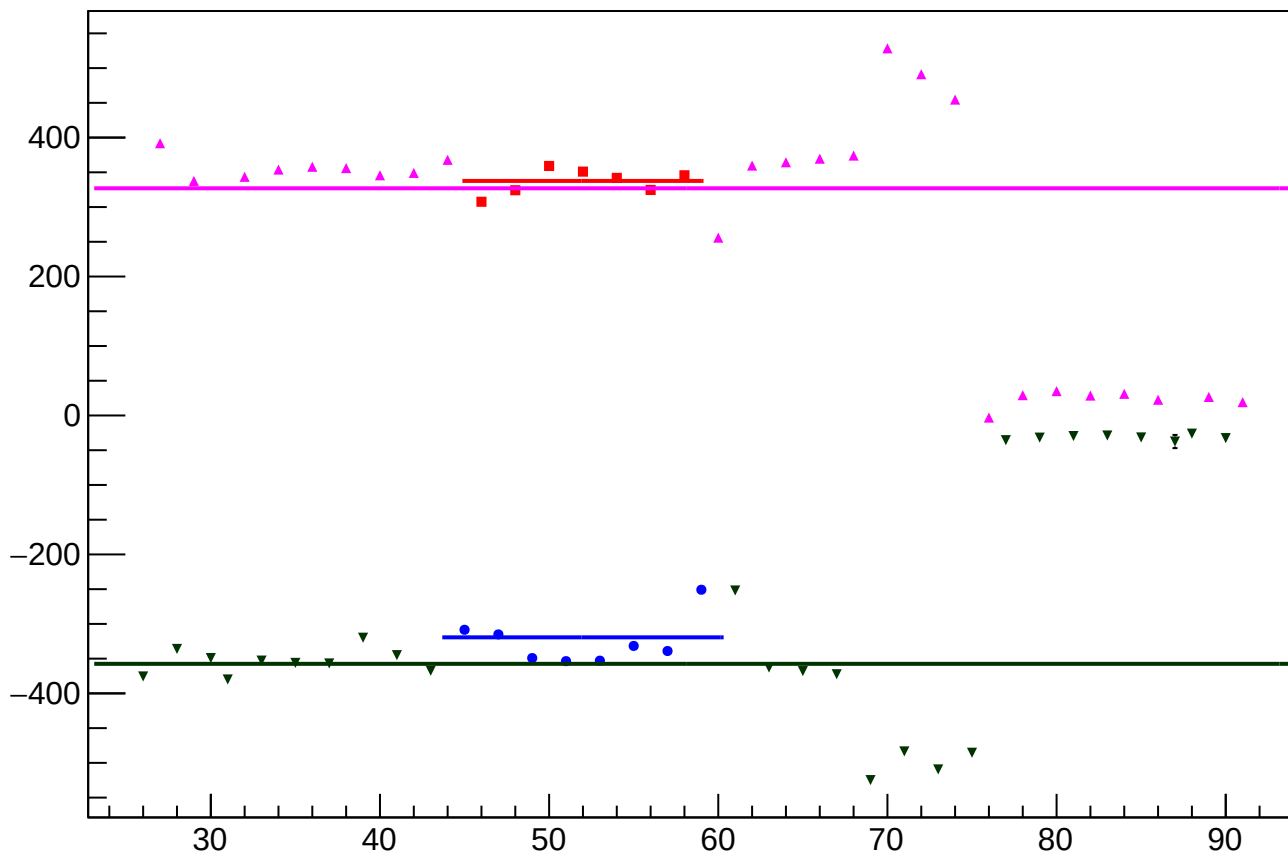
Left Out: 50.269 $\pm$ 0.906 χ^2 /NDF: 2019.3/25

Right Out: -50.112 $\pm$ 1.232 χ^2 /NDF: 1435.1/6

Left In: -27.321 $\pm$ 0.771 χ^2 /NDF: 3300.4/24

6.371 $\pm$ 0.466 χ^2 /NDF: 15298.3/65

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -319.335+/-0.189 χ^2/NDF : 38956.7/7

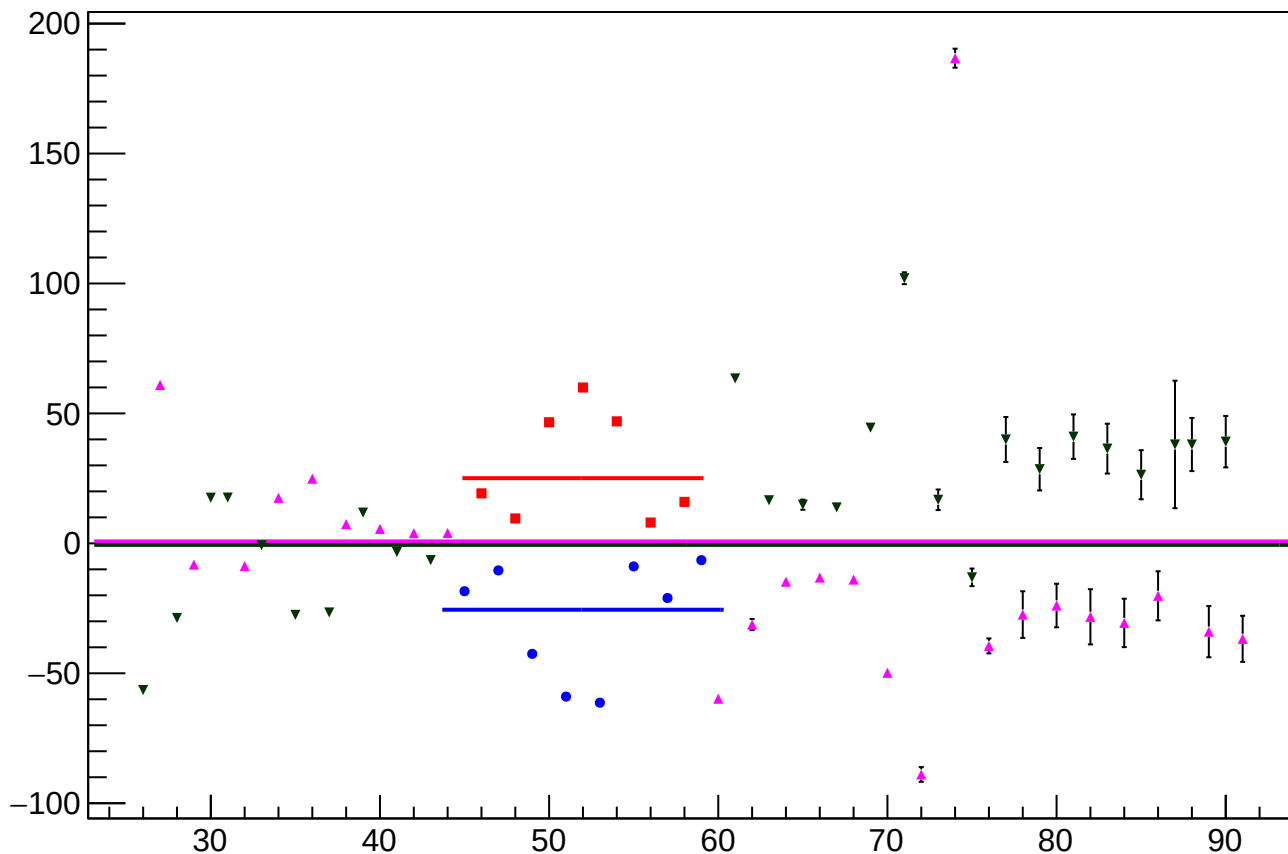
Left Out: -357.461+/-0.165 χ^2/NDF : 184888.7/25

Right Out: 337.613+/-0.233 χ^2/NDF : 5447.7/6

Left In: 326.997+/-0.153 χ^2/NDF : 569720.7/24

-14.501+/-0.089 χ^2/NDF : 15021861.1/65

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -25.541 ± 0.274 $\chi^2/\text{NDF}: 4079.4/7$

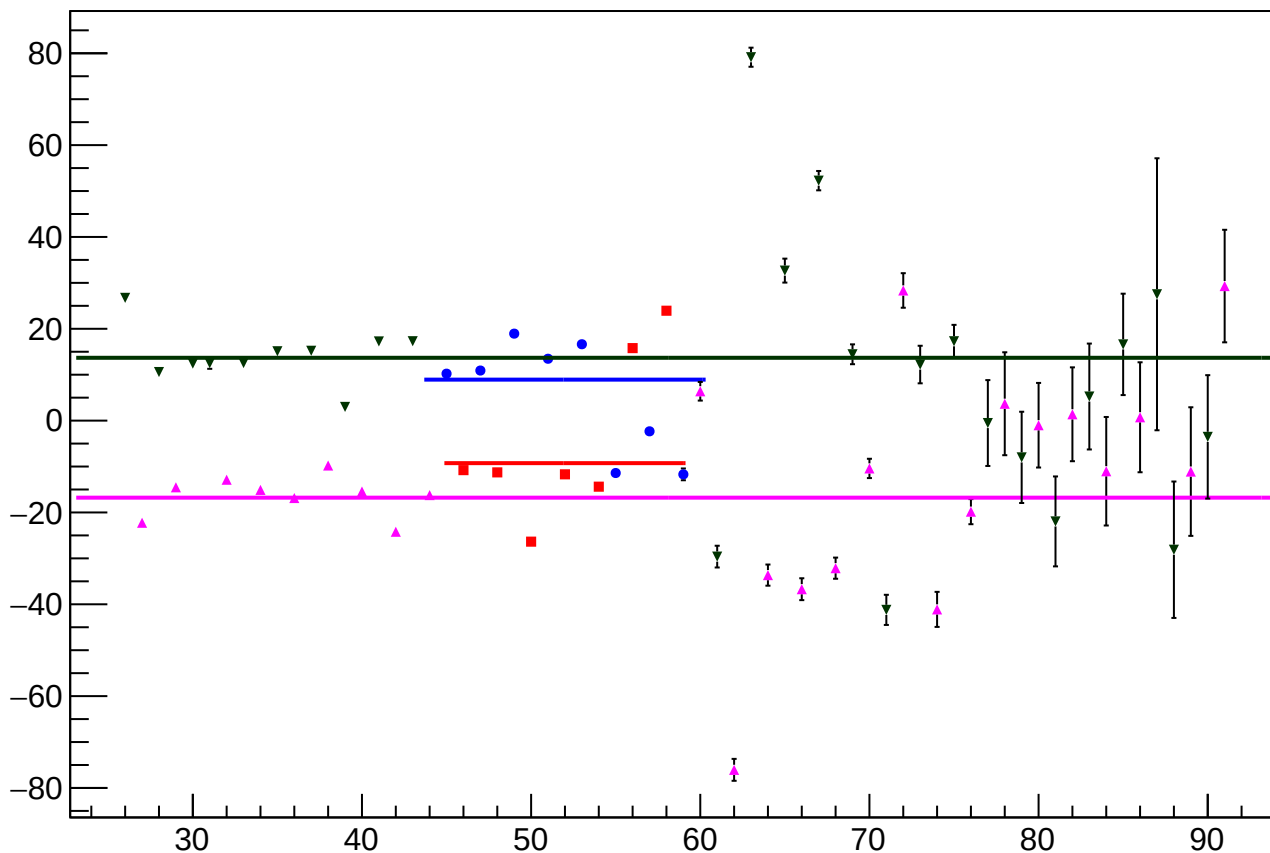
Left Out: -0.603 ± 0.284 $\chi^2/\text{NDF}: 9096.1/25$

Right Out: 25.080 ± 0.328 $\chi^2/\text{NDF}: 3004.0/6$

Left In: 0.756 ± 0.257 $\chi^2/\text{NDF}: 11774.9/24$

-2.068 ± 0.141 $\chi^2/\text{NDF}: 42282.1/65$

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 8.927+/-0.217 χ^2/NDF : 1646.1/7

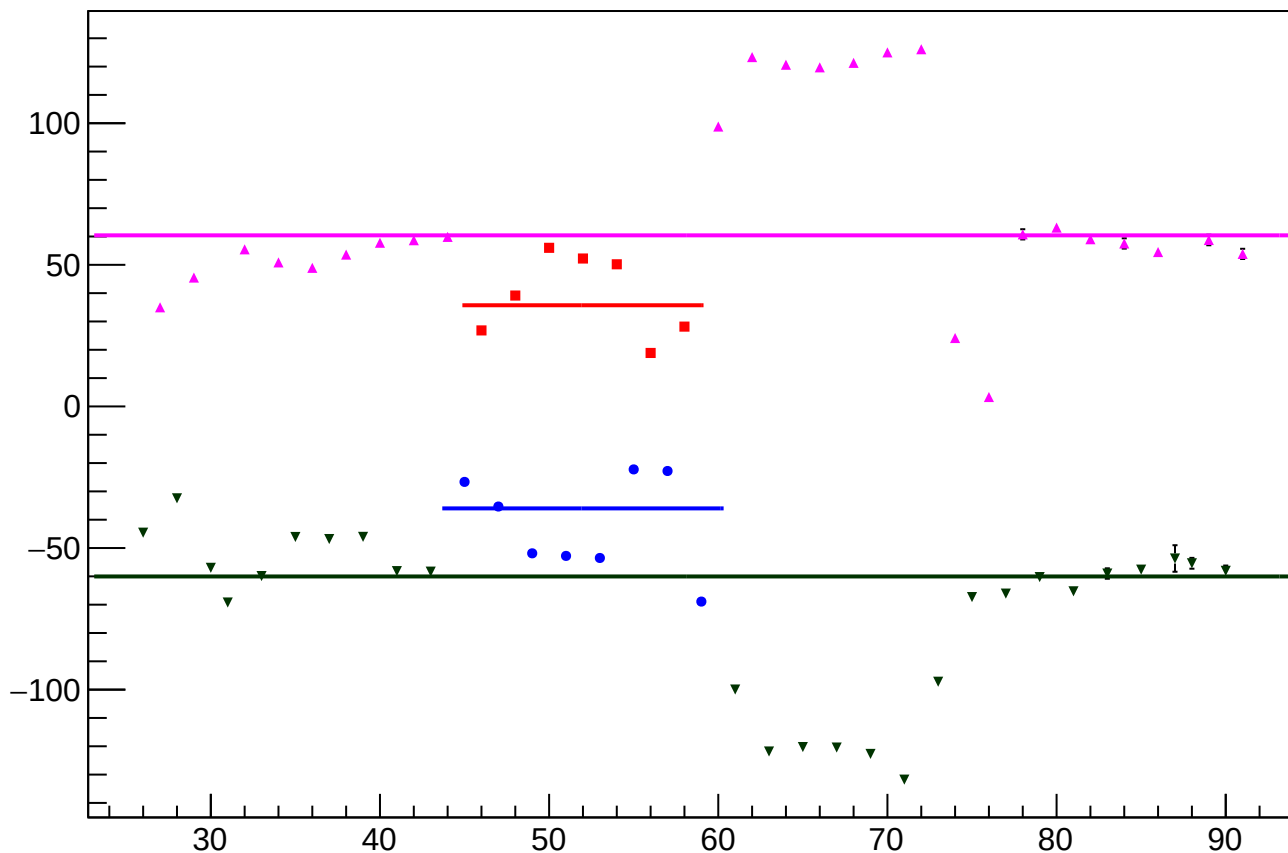
Left Out: 13.683+/-0.223 χ^2/NDF : 2609.7/25

Right Out: -9.262+/-0.264 χ^2/NDF : 2202.5/6

Left In: -16.779+/-0.200 χ^2/NDF : 1571.6/24

-1.073+/-0.111 χ^2/NDF : 21638.1/65

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.004 $\pm$ 0.048 χ^2 /NDF: 86271.9/7

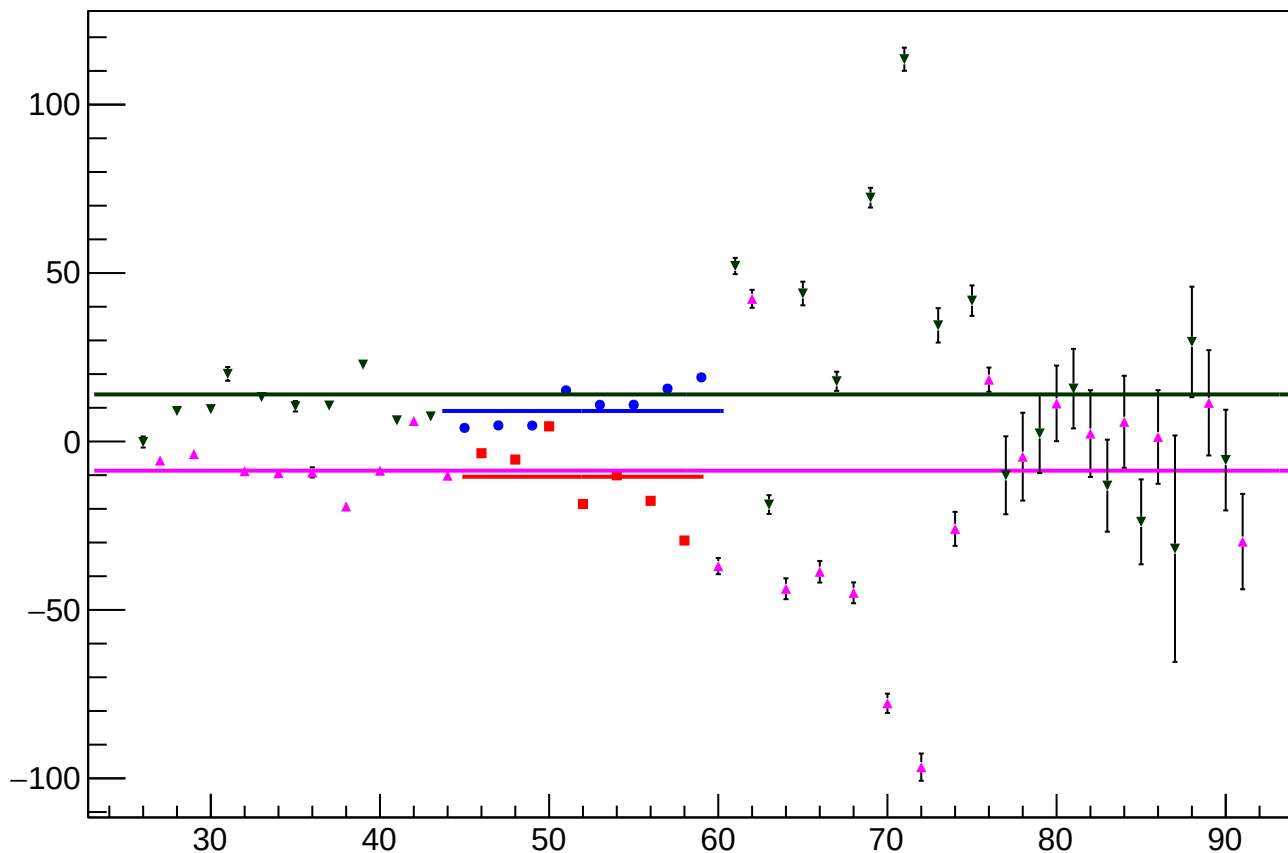
Left Out: -60.037 $\pm$ 0.047 χ^2 /NDF: 289819.1/25

Right Out: 35.724 $\pm$ 0.055 χ^2 /NDF: 49927.4/6

Left In: 60.412 $\pm$ 0.044 χ^2 /NDF: 304426.1/24

0.098 $\pm$ 0.024 χ^2 /NDF: 5192832.9/65

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 9.058 ± 0.333 $\chi^2/\text{NDF}: 248.9/7$

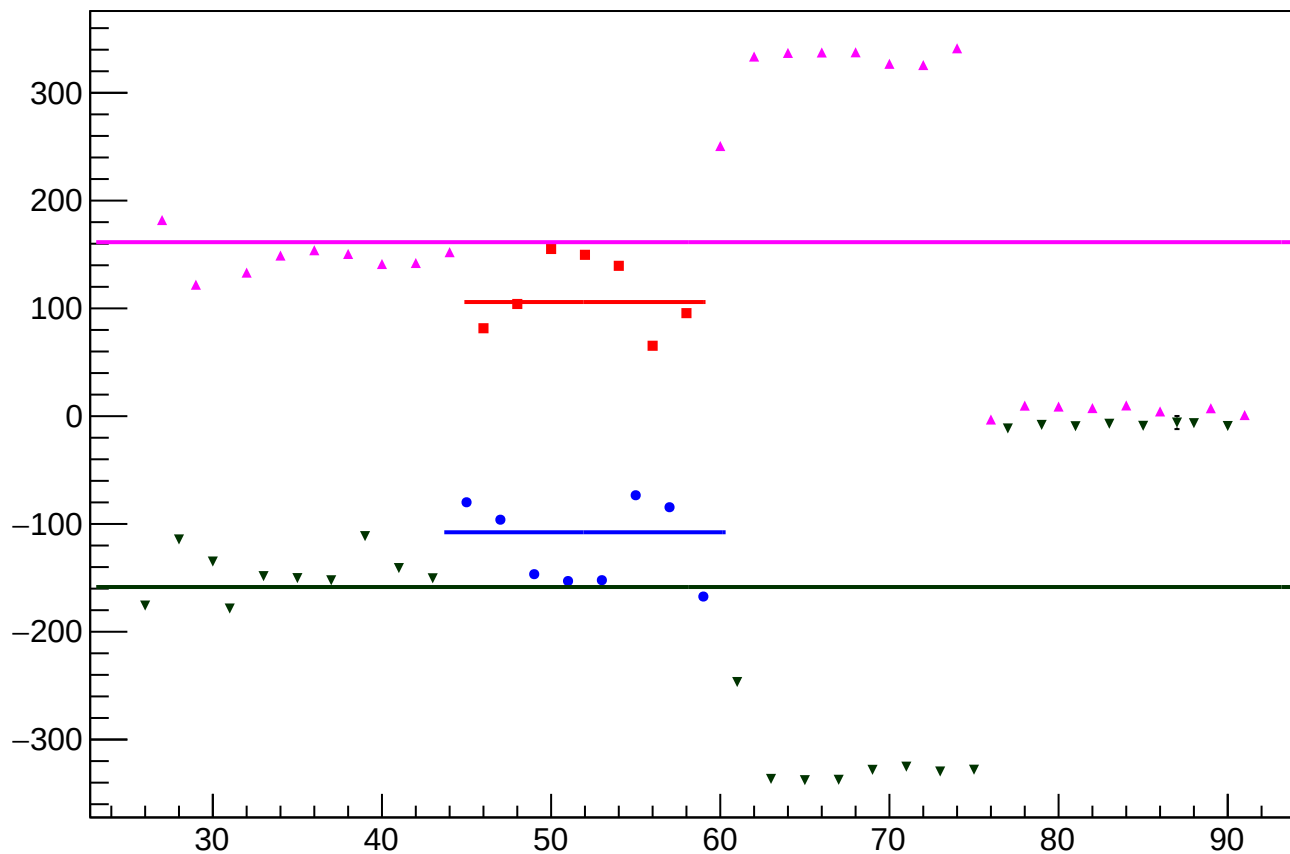
Left Out: 13.971 ± 0.362 $\chi^2/\text{NDF}: 2080.7/25$

Right Out: -10.467 ± 0.399 $\chi^2/\text{NDF}: 573.5/6$

Left In: -8.659 ± 0.325 $\chi^2/\text{NDF}: 2360.5/24$

1.251 ± 0.176 $\chi^2/\text{NDF}: 8843.1/65$

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -107.705+/-0.065 χ^2/NDF : 278180.4/7

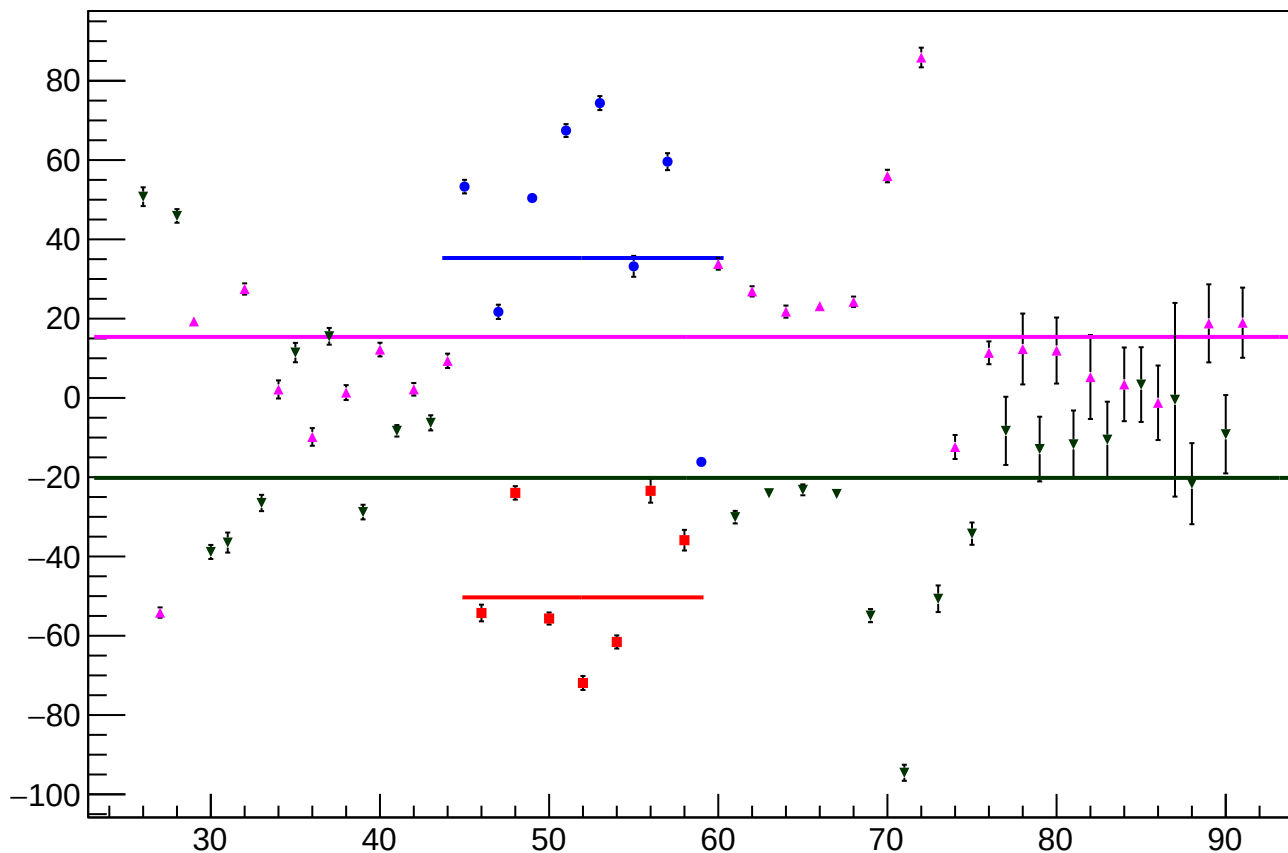
Left Out: -158.497+/-0.067 χ^2/NDF : 875439.5/25

Right Out: 105.894+/-0.076 χ^2/NDF : 178618.3/6

Left In: 161.433+/-0.067 χ^2/NDF : 940570.2/24

-6.638+/-0.034 χ^2/NDF : 18380380.3/65

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 35.293+/-0.535 χ^2/NDF : 3715.6/7

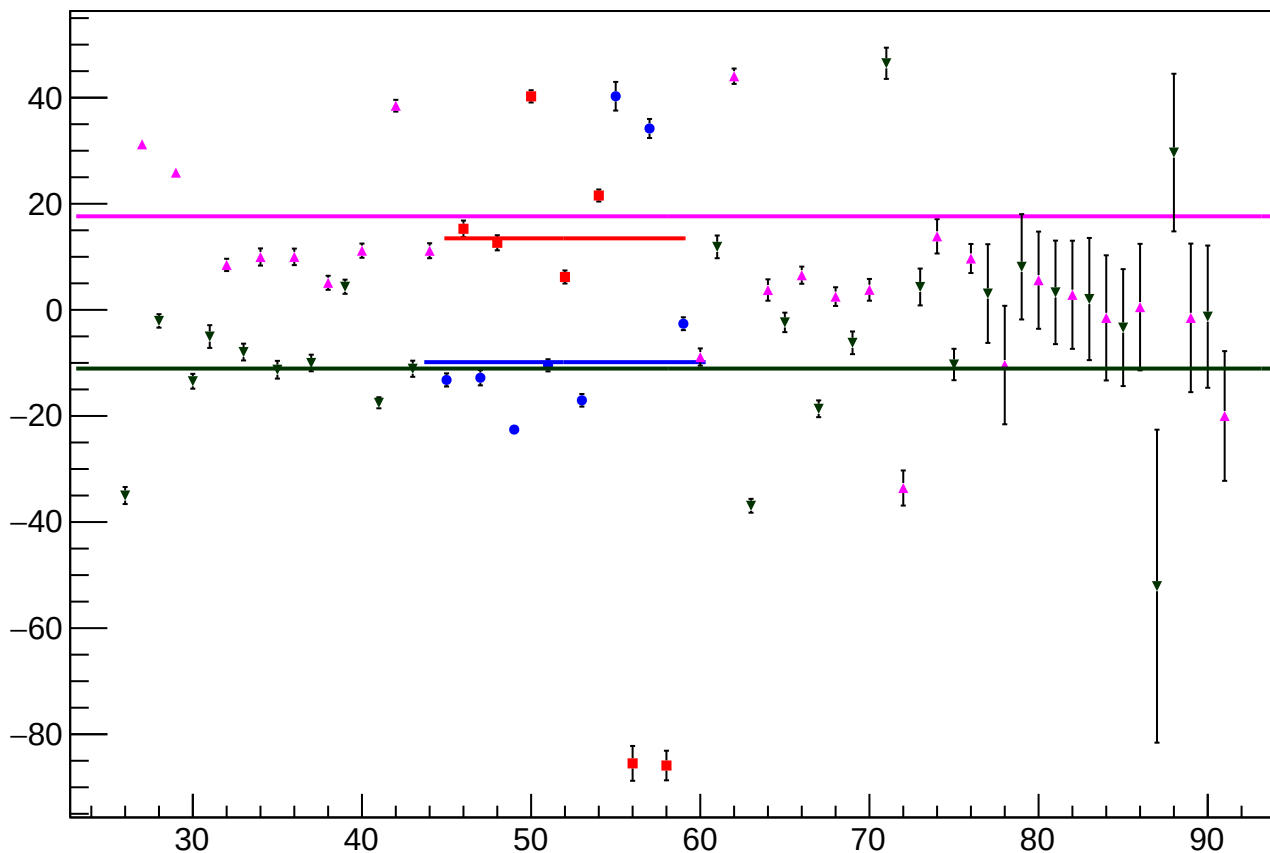
Left Out: -20.176+/-0.413 χ^2/NDF : 5099.7/25

Right Out: -50.317+/-0.717 χ^2/NDF : 562.7/6

Left In: 15.390+/-0.376 χ^2/NDF : 5138.2/24

0.856+/-0.233 χ^2/NDF : 27832.0/65

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -9.856 ± 0.447 $\chi^2/\text{NDF}: 1234.4/7$

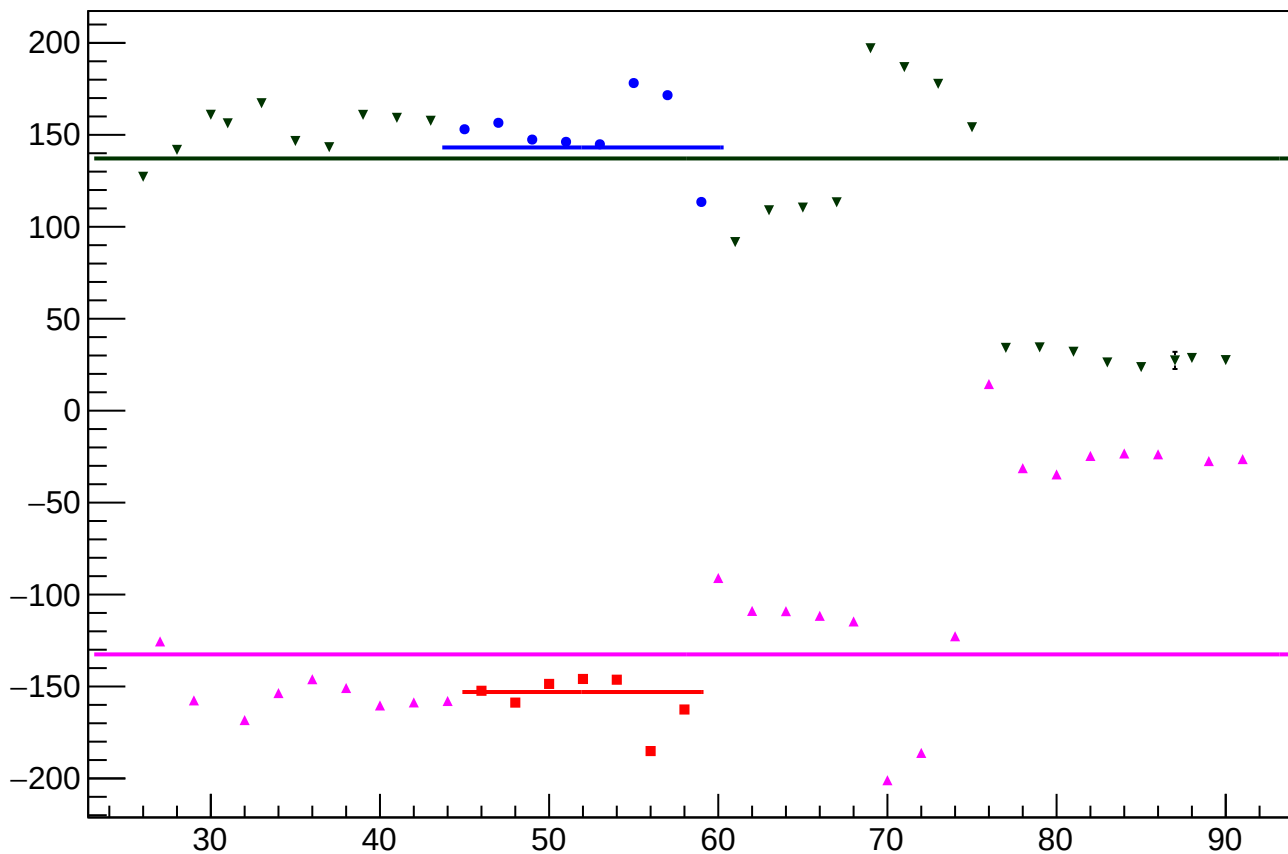
Left Out: -11.063 ± 0.380 $\chi^2/\text{NDF}: 1439.5/25$

Right Out: 13.482 ± 0.549 $\chi^2/\text{NDF}: 2798.9/6$

Left In: 17.636 ± 0.332 $\chi^2/\text{NDF}: 2045.7/24$

3.253 ± 0.203 $\chi^2/\text{NDF}: 12021.3/65$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 143.145 $\pm$ 0.097 χ^2 /NDF: 39107.6/7

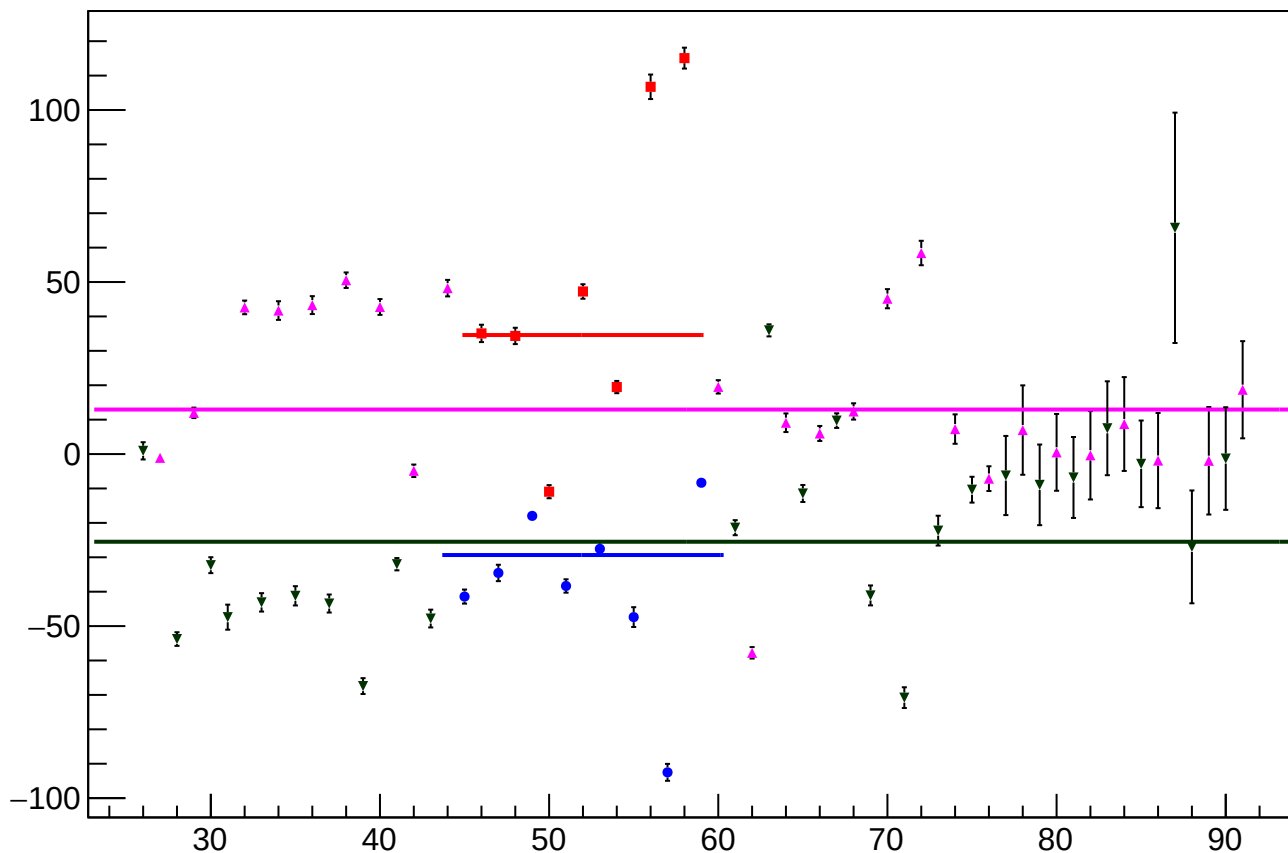
Left Out: 137.157 $\pm$ 0.070 χ^2 /NDF: 195075.0/25

2.664 $\pm$ 0.040 χ^2 /NDF: 12286139.1/65

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

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.344 ± 0.660 χ^2/NDF : 1094.8/7

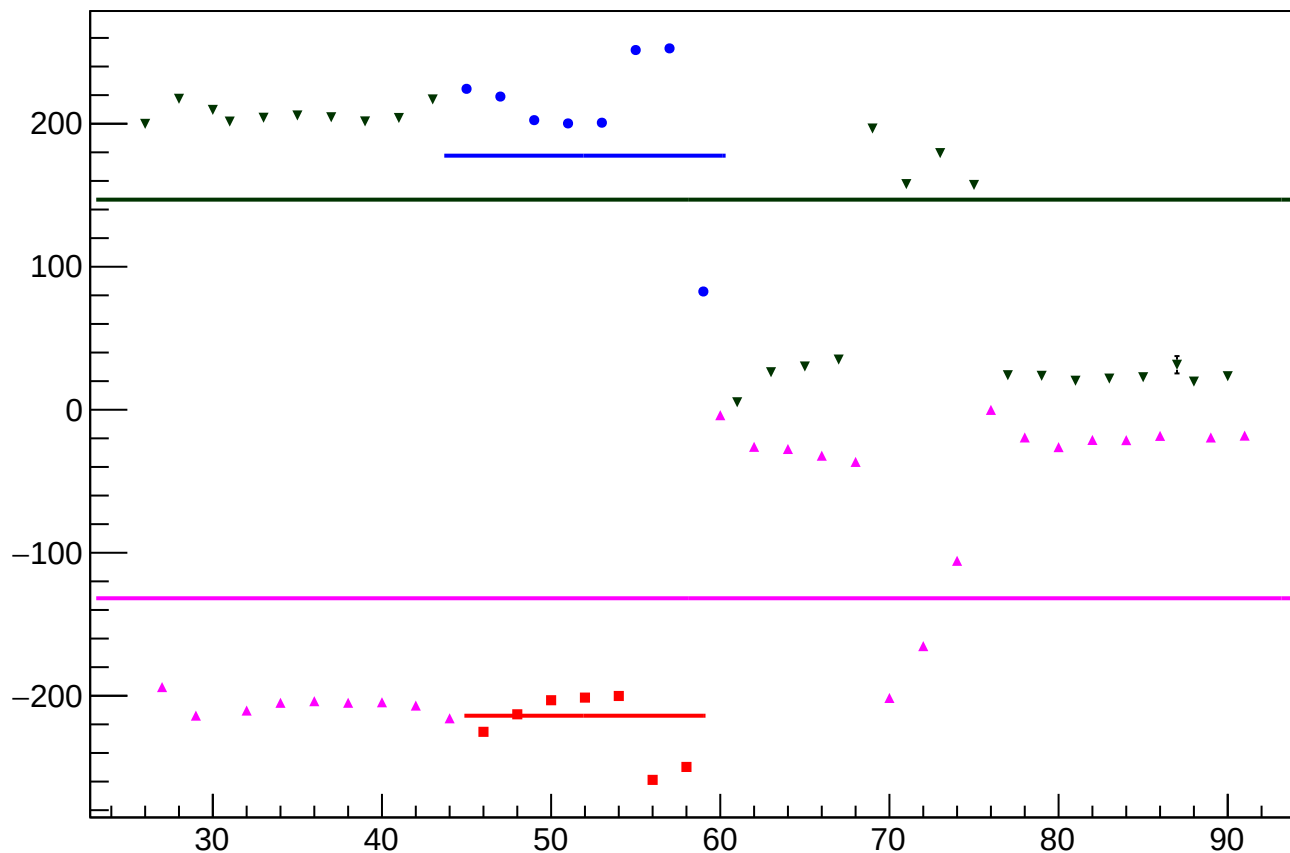
Left Out: -25.483 ± 0.572 χ^2/NDF : 2736.9/25

Right Out: 34.597 ± 0.865 χ^2/NDF : 1791.8/6

Left In: 12.941 ± 0.500 χ^2/NDF : 3518.7/24

-4.417 ± 0.306 χ^2/NDF : 15166.5/65

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 177.671 $\pm$ 0.126 χ^2 /NDF: 235481.9/7

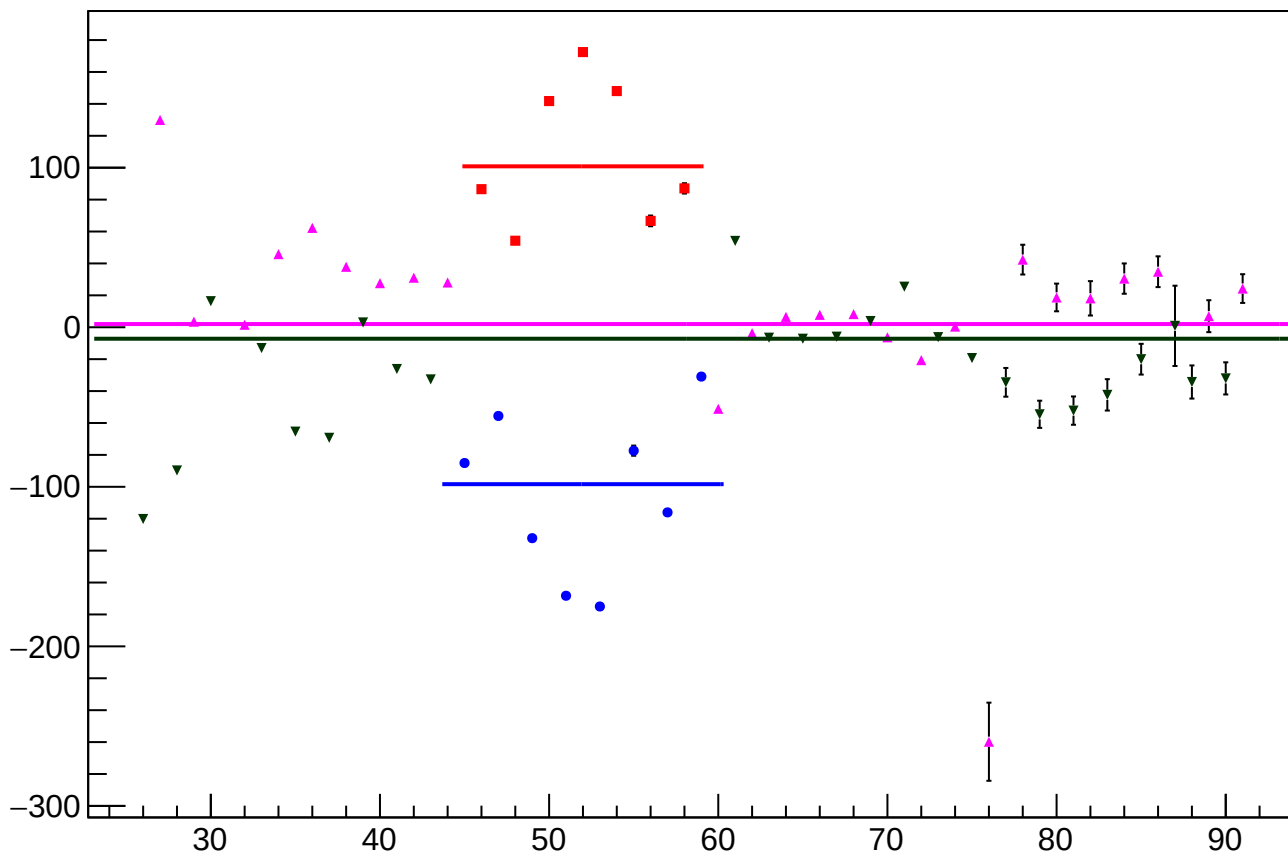
Left Out: 146.919 $\pm$ 0.103 χ^2 /NDF: 626962.5/25

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

10.971 $\pm$ 0.058 χ^2 /NDF: 9199410.7/65

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -98.348 ± 0.717 $\chi^2/\text{NDF}: 3675.8/7$

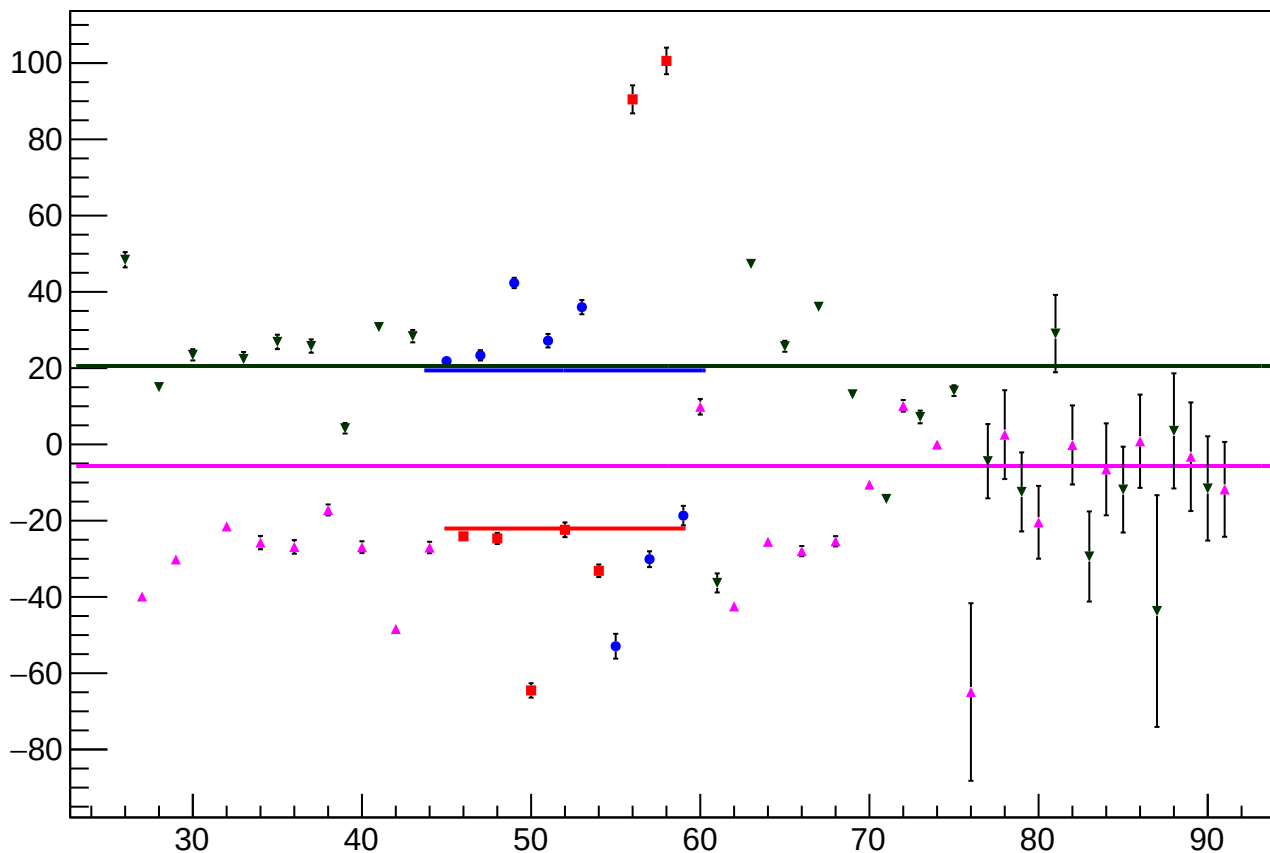
Left Out: -7.193 ± 0.333 $\chi^2/\text{NDF}: 8238.3/24$

Right Out: 100.855 ± 0.878 $\chi^2/\text{NDF}: 2234.6/6$

Left In: 2.008 ± 0.138 $\chi^2/\text{NDF}: 10009.4/24$

-0.311 ± 0.124 $\chi^2/\text{NDF}: 56835.4/64$

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 19.406 $\pm$ 0.569 χ^2 /NDF: 1677.1/7

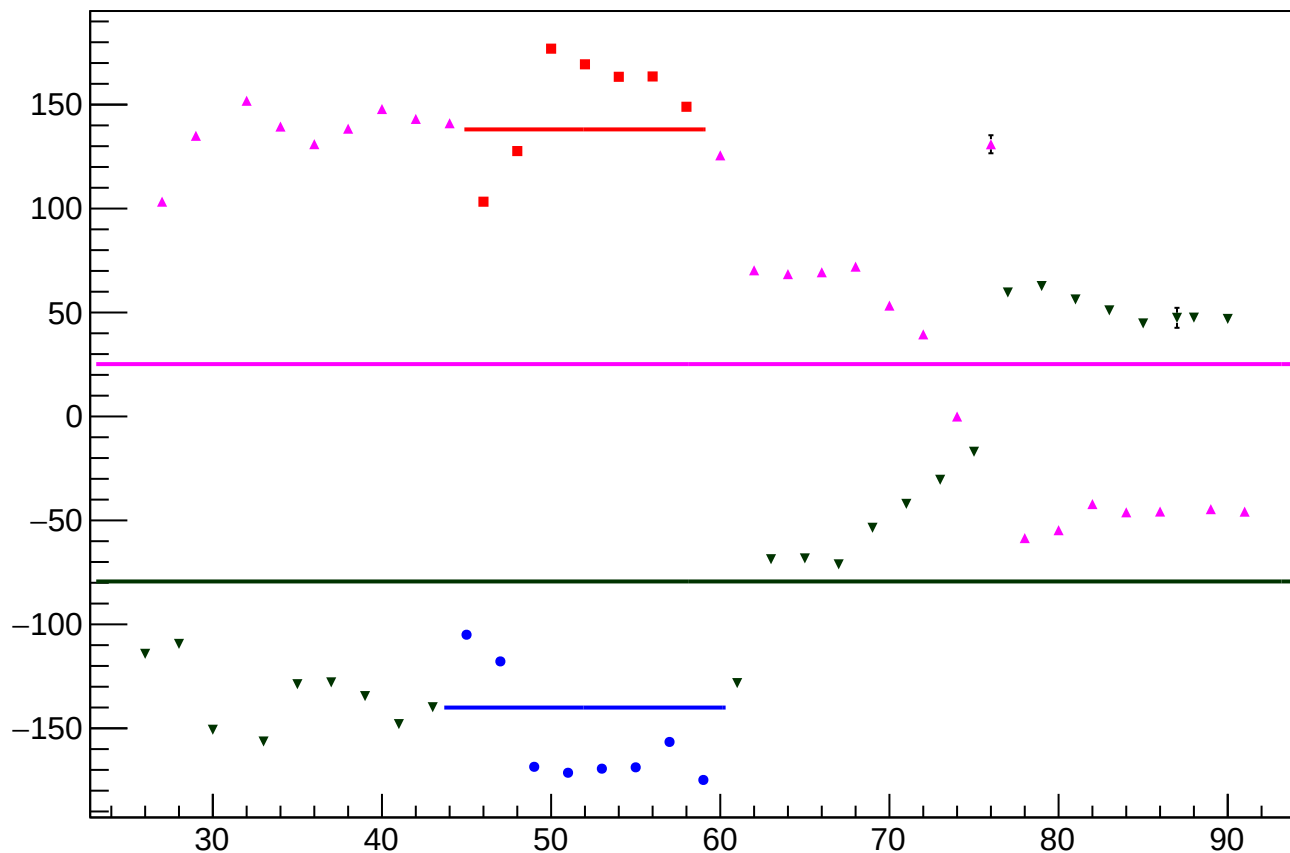
Left Out: 20.555 $\pm$ 0.345 χ^2 /NDF: 2635.1/24

Right Out: -22.055 $\pm$ 0.685 χ^2 /NDF: 2737.9/6

Left In: -5.664 $\pm$ 0.152 χ^2 /NDF: 6812.1/24

-1.064 $\pm$ 0.132 χ^2 /NDF: 20951.6/64

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -140.020+/-0.125 χ^2/NDF : 56142.0/7

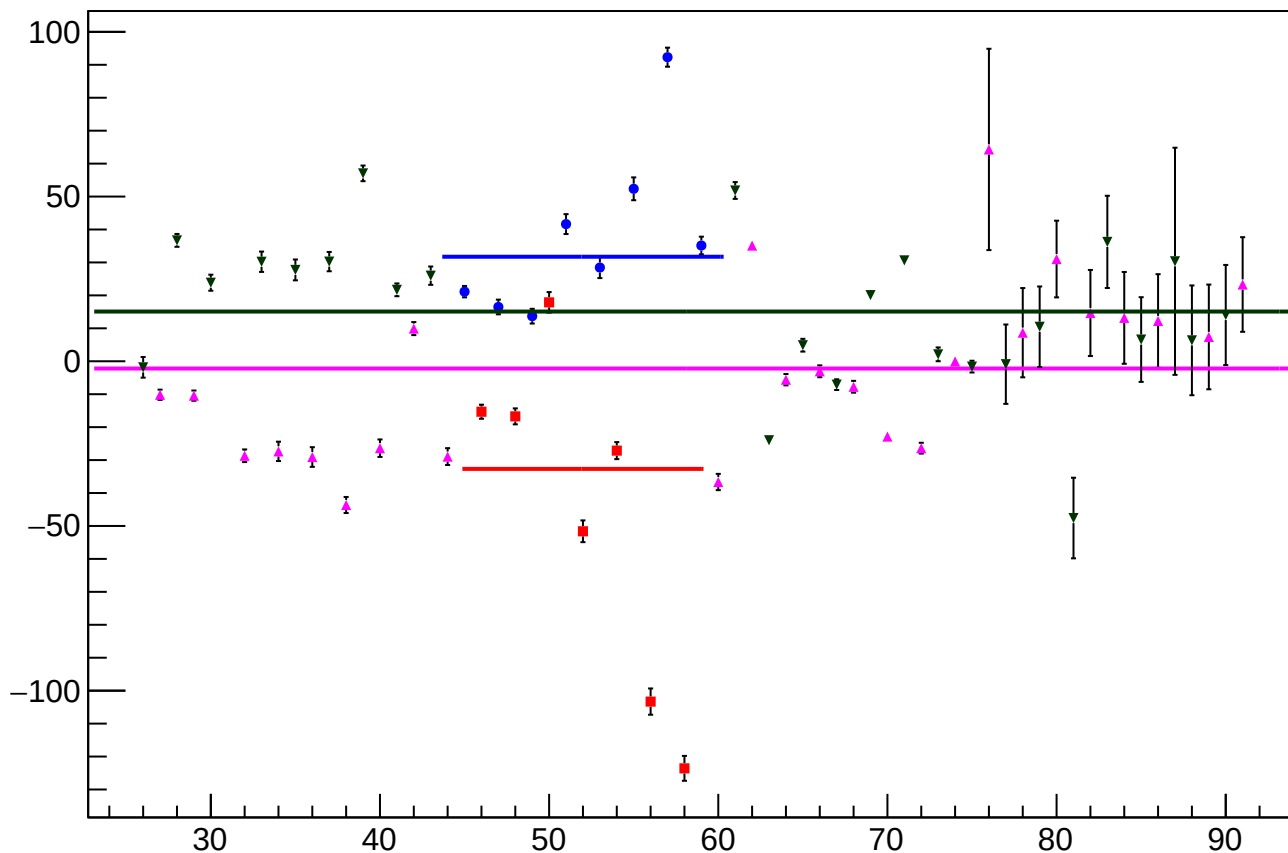
Left Out: -79.363+/-0.059 χ^2/NDF : 465557.0/24

Right Out: 138.069+/-0.148 χ^2/NDF : 35290.6/6

Left In: 25.178+/-0.030 χ^2/NDF : 2228261.3/24

1.490+/-0.026 χ^2/NDF : 7436905.5/64

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 31.733 $\pm$ 0.883 χ^2 /NDF: 637.7/7

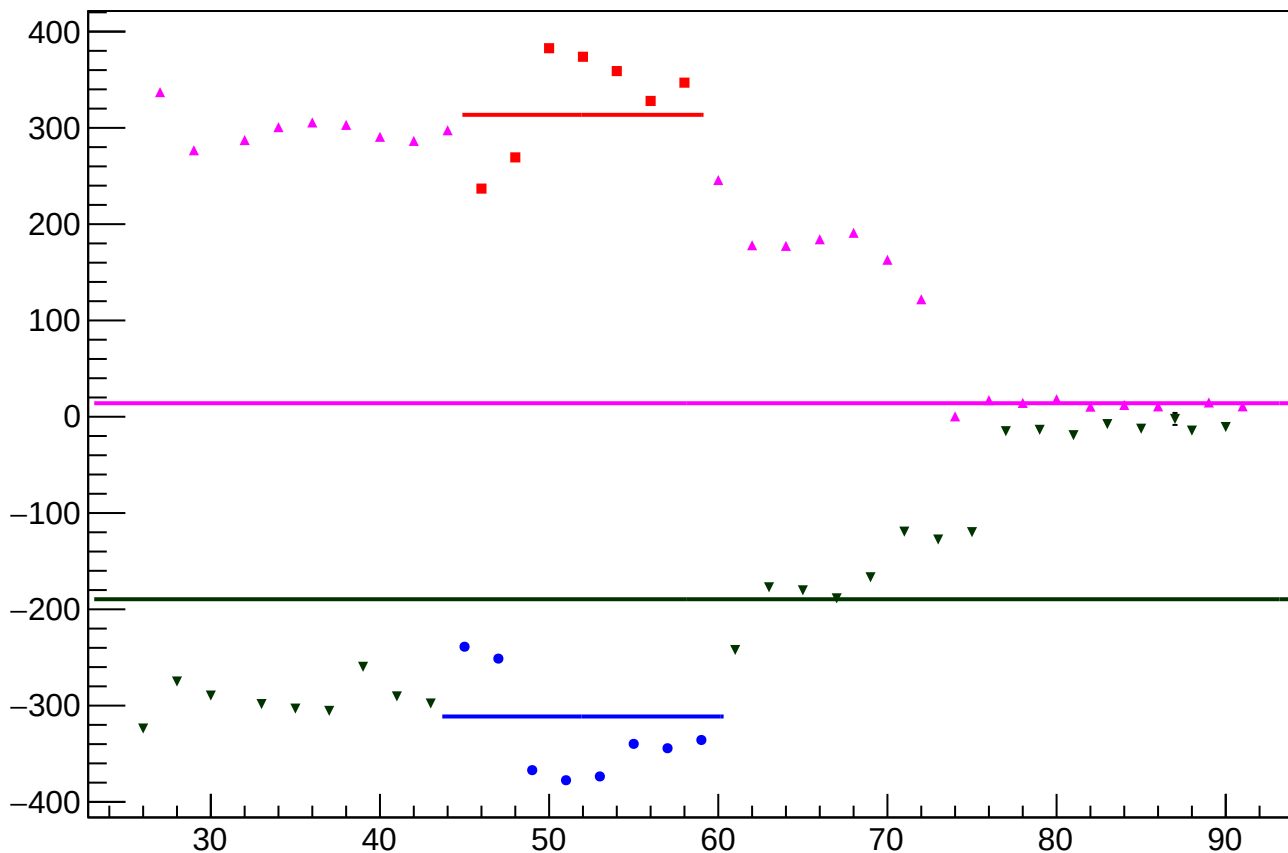
Left Out: 15.093 $\pm$ 0.485 χ^2 /NDF: 1958.2/24

0.785 $\pm$ 0.182 χ^2 /NDF: 9479.9/64

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

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -311.287 ± 0.172 $\chi^2/\text{NDF}: 110669.2/7$

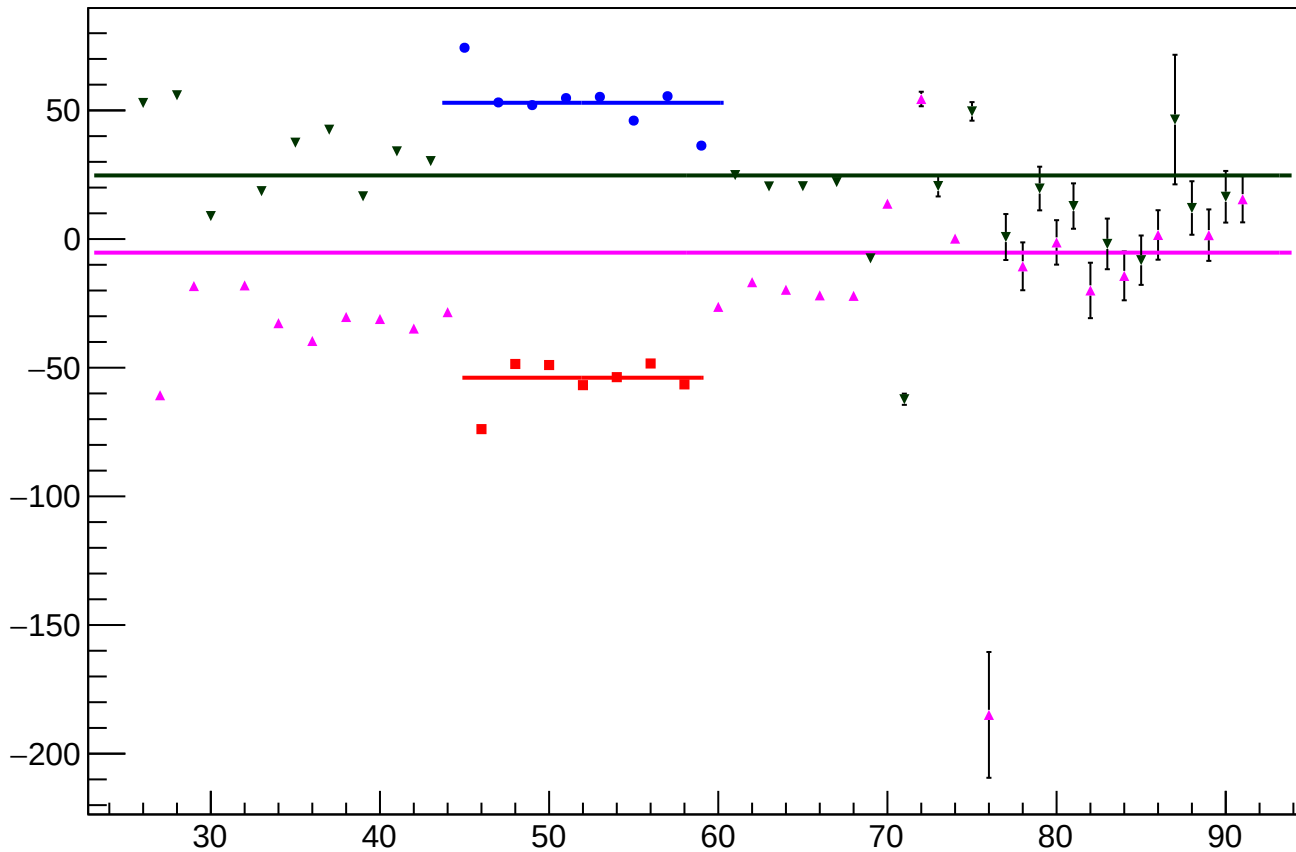
Left Out: -189.523 ± 0.083 $\chi^2/\text{NDF}: 745569.0/24$

Right Out: 313.561 ± 0.205 $\chi^2/\text{NDF}: 77716.1/6$

Left In: 14.037 ± 0.023 $\chi^2/\text{NDF}: 5923602.4/24$

-1.602 ± 0.022 $\chi^2/\text{NDF}: 18046596.8/64$

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 52.961 ± 0.337 χ^2/NDF : 610.6/7

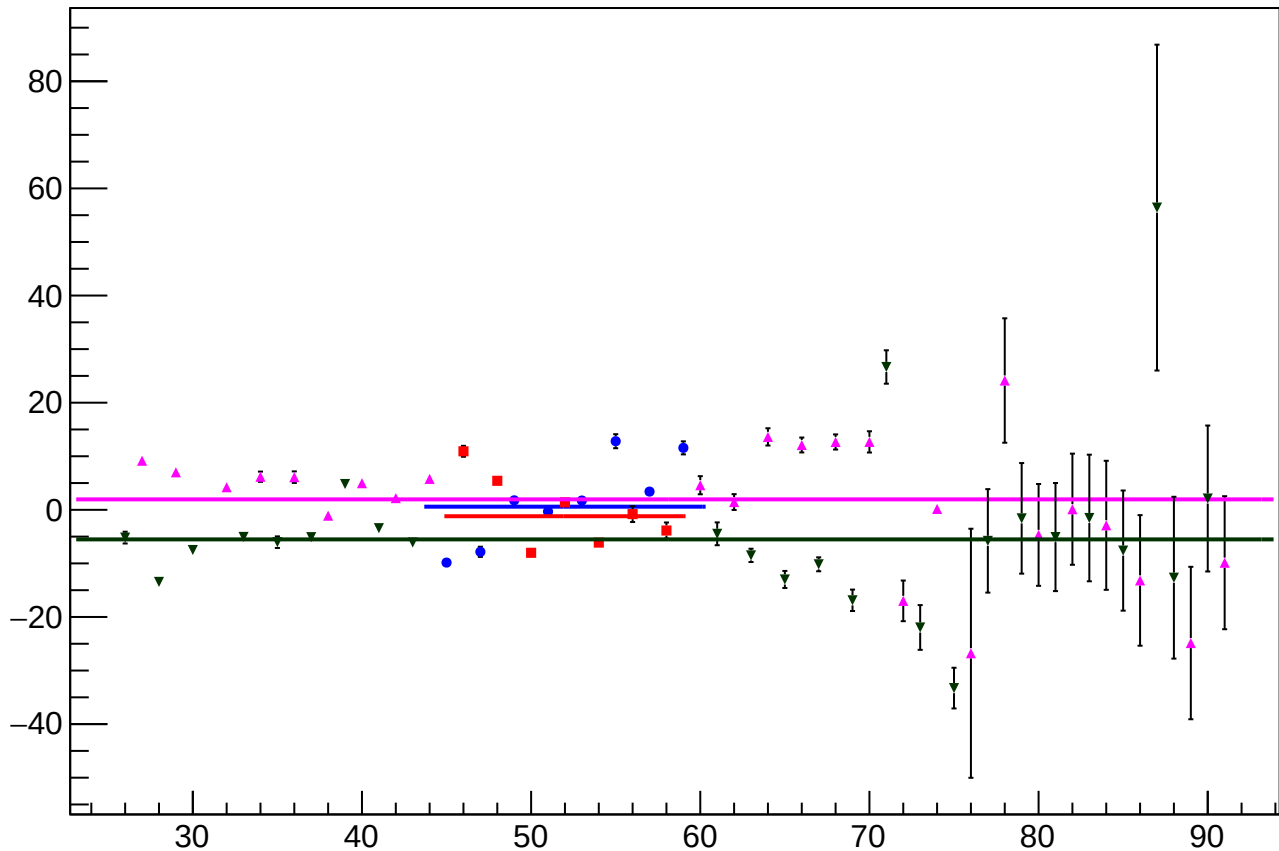
Left Out: 24.724 ± 0.307 χ^2/NDF : 3882.8/24

Right Out: -53.889 ± 0.416 χ^2/NDF : 294.6/6

Left In: -5.283 ± 0.131 χ^2/NDF : 9261.0/24

1.302 ± 0.109 χ^2/NDF : 63432.1/64

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: 0.588 ± 0.272 χ^2/NDF : 415.3/7

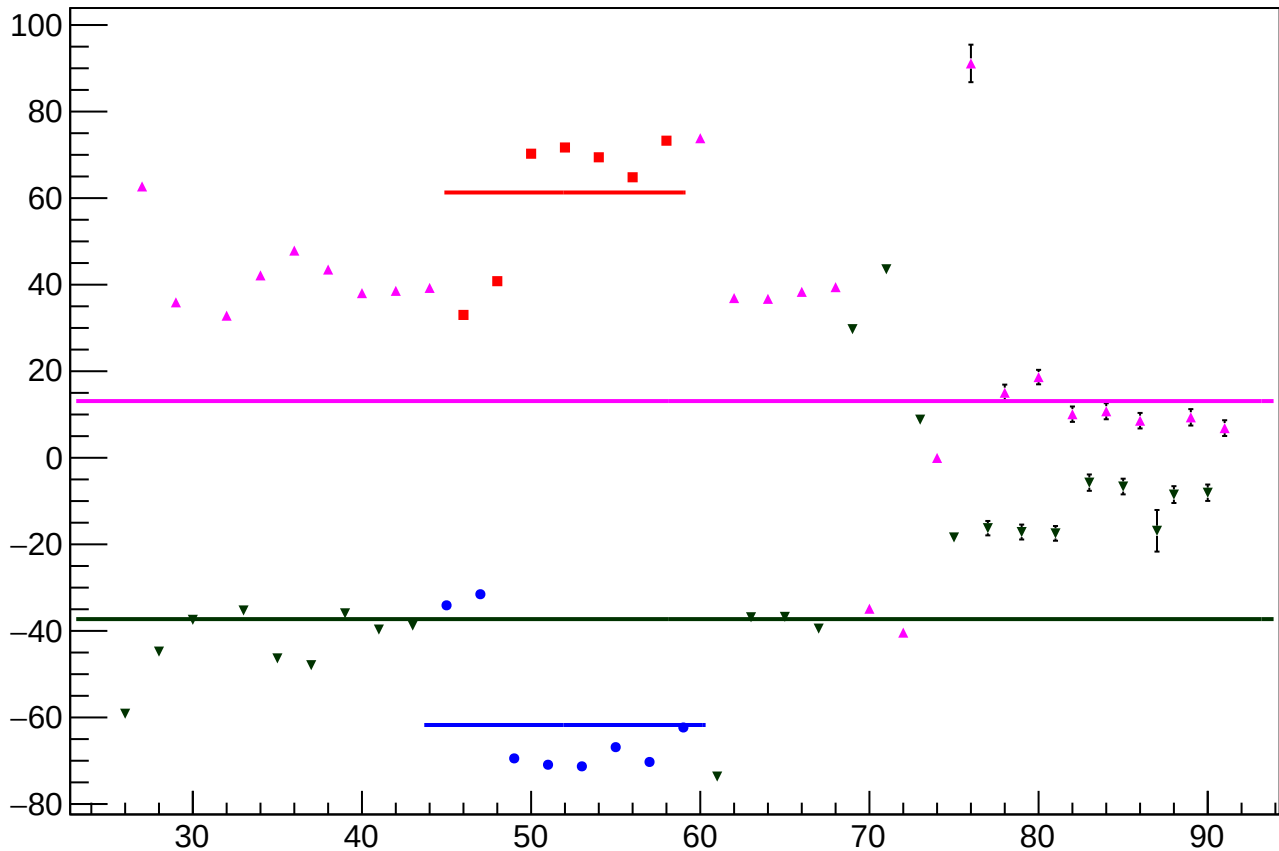
Left Out: -5.518 ± 0.260 χ^2/NDF : 538.0/24

Right Out: -1.193 ± 0.323 χ^2/NDF : 370.5/6

Left In: 1.951 ± 0.136 χ^2/NDF : 609.3/24

0.224 ± 0.104 χ^2/NDF : 2603.1/64

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -61.740 ± 0.061 $\chi^2/\text{NDF}: 56666.7/7$

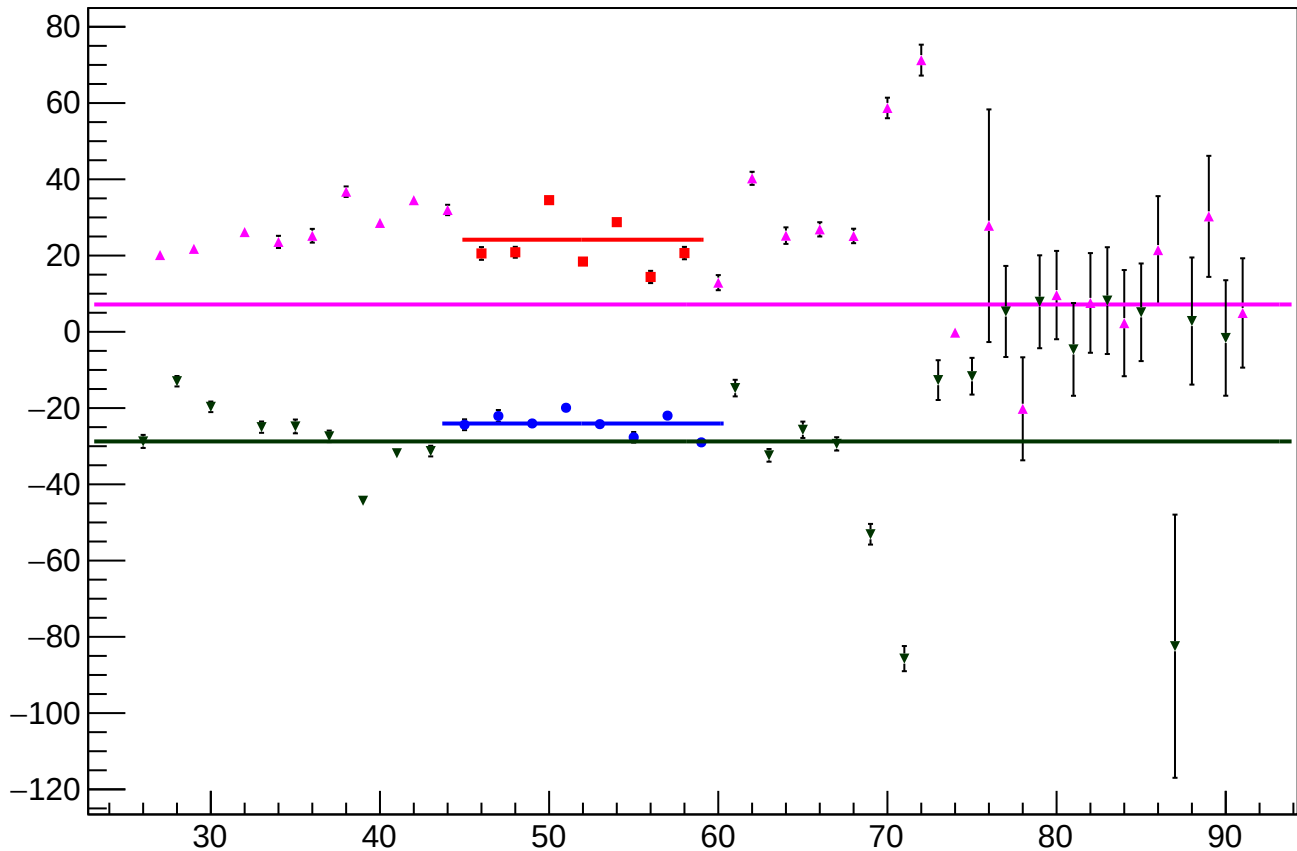
Left Out: -37.274 ± 0.052 $\chi^2/\text{NDF}: 128834.8/24$

Right Out: 61.301 ± 0.072 $\chi^2/\text{NDF}: 41878.5/6$

Left In: 13.105 ± 0.028 $\chi^2/\text{NDF}: 537391.8/24$

-0.886 ± 0.022 $\chi^2/\text{NDF}: 3232120.1/64$

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -24.050 ± 0.418 $\chi^2/\text{NDF}: 38.9/7$

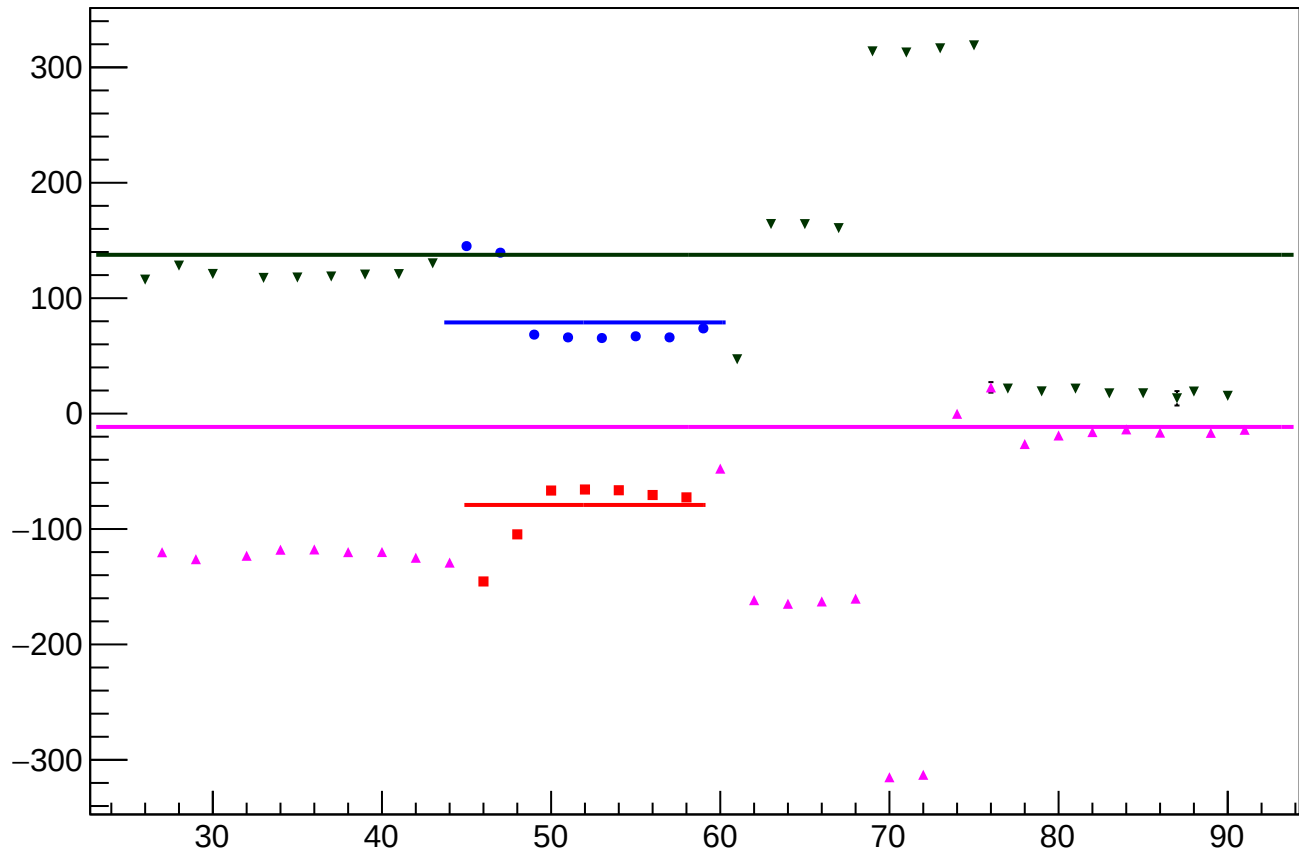
Left Out: -28.749 ± 0.411 $\chi^2/\text{NDF}: 832.5/24$

Right Out: 24.159 ± 0.503 $\chi^2/\text{NDF}: 181.1/6$

Left In: 7.174 ± 0.190 $\chi^2/\text{NDF}: 4841.1/24$

-0.297 ± 0.152 $\chi^2/\text{NDF}: 17810.5/64$

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 78.993+/-0.080 χ^2/NDF : 111070.2/7

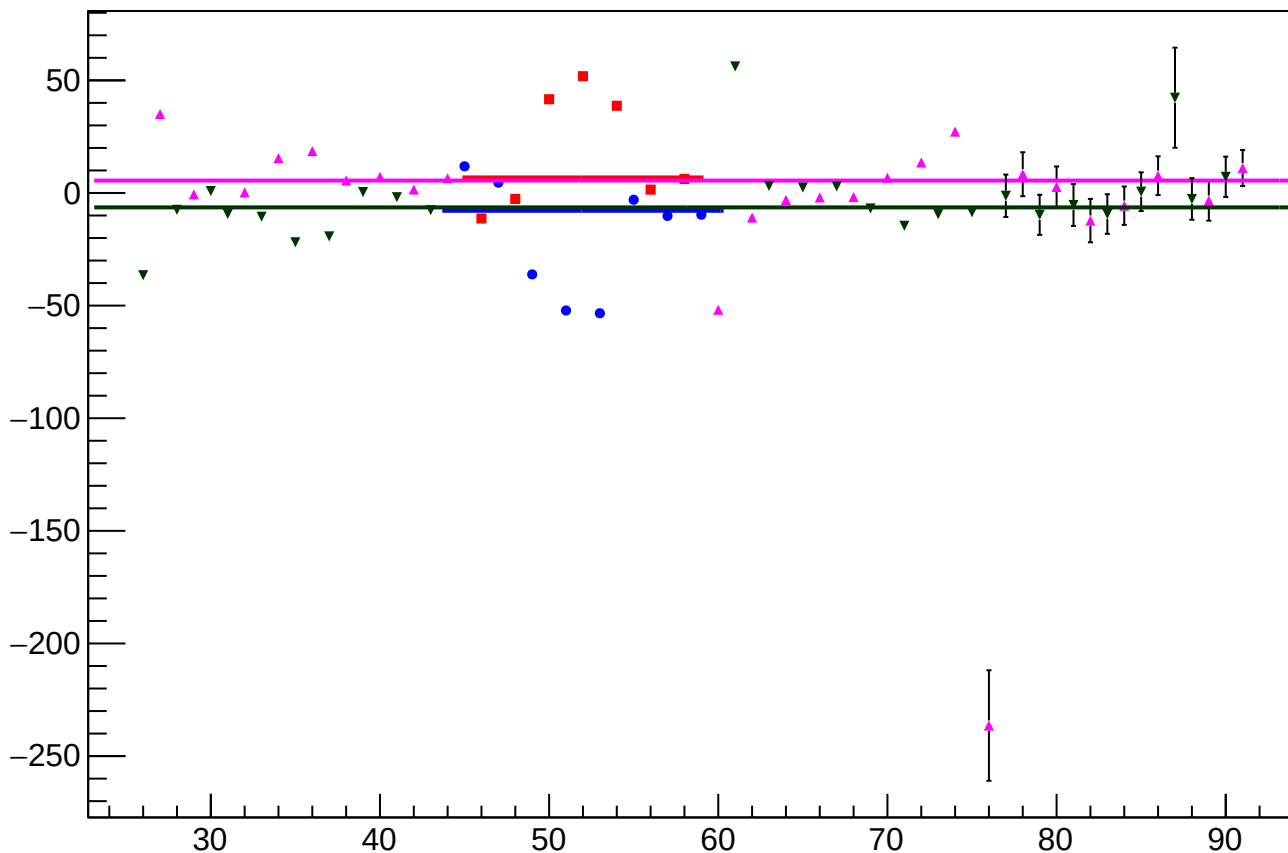
Left Out: 137.573+/-0.075 χ^2/NDF : 507116.7/24

1.441+/-0.020 χ^2/NDF : 9272015.4/64

Right Out: -79.144+/-0.093 χ^2/NDF : 63498.9/6

Left In: -11.549+/-0.022 χ^2/NDF : 3231525.9/24

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -7.893 ± 0.231 χ^2/NDF : 8622.2/7

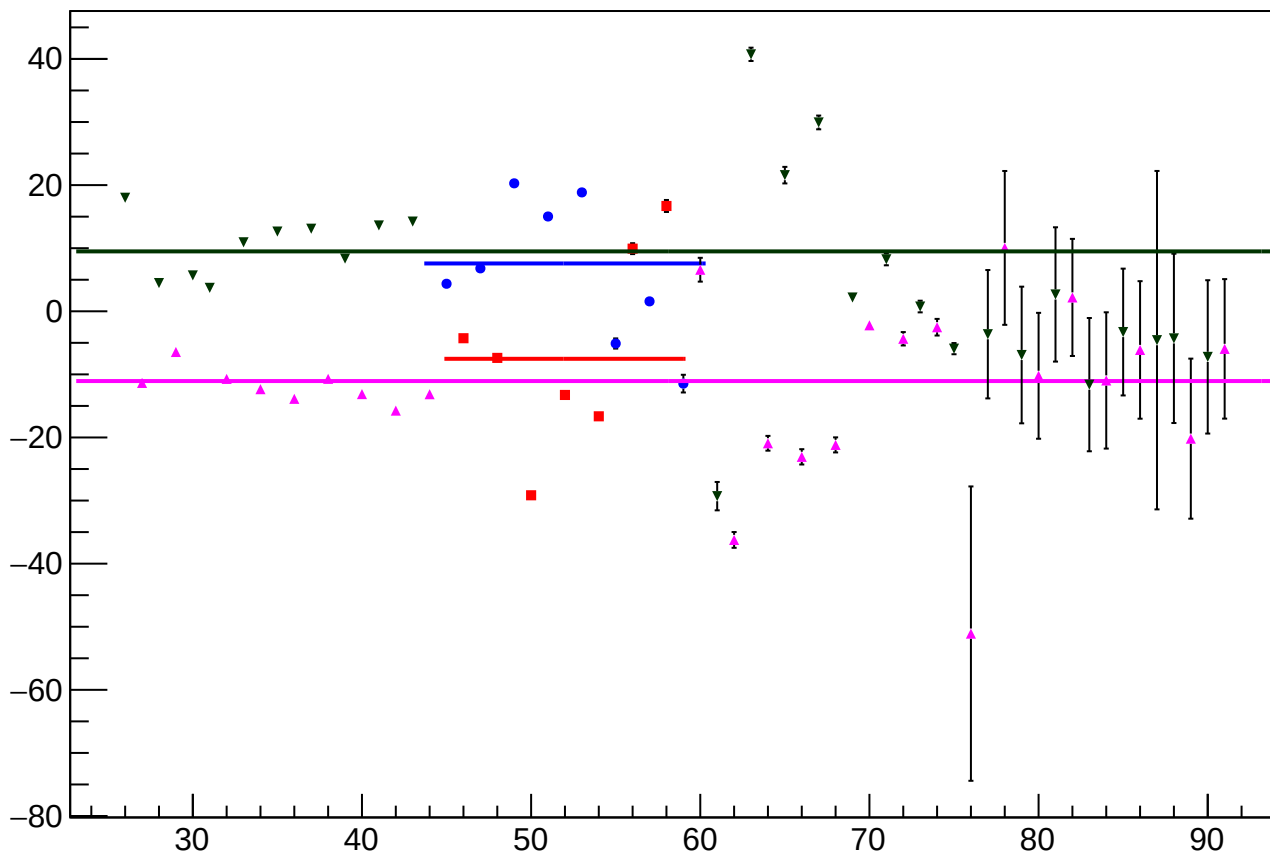
Left Out: -6.398 ± 0.157 χ^2/NDF : 3904.3/25

Right Out: 6.894 ± 0.268 χ^2/NDF : 5972.9/6

Left In: 5.511 ± 0.152 χ^2/NDF : 5379.7/24

-0.639 ± 0.093 χ^2/NDF : 28640.2/65

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 7.581 ± 0.182 $\chi^2/\text{NDF}: 1618.5/7$

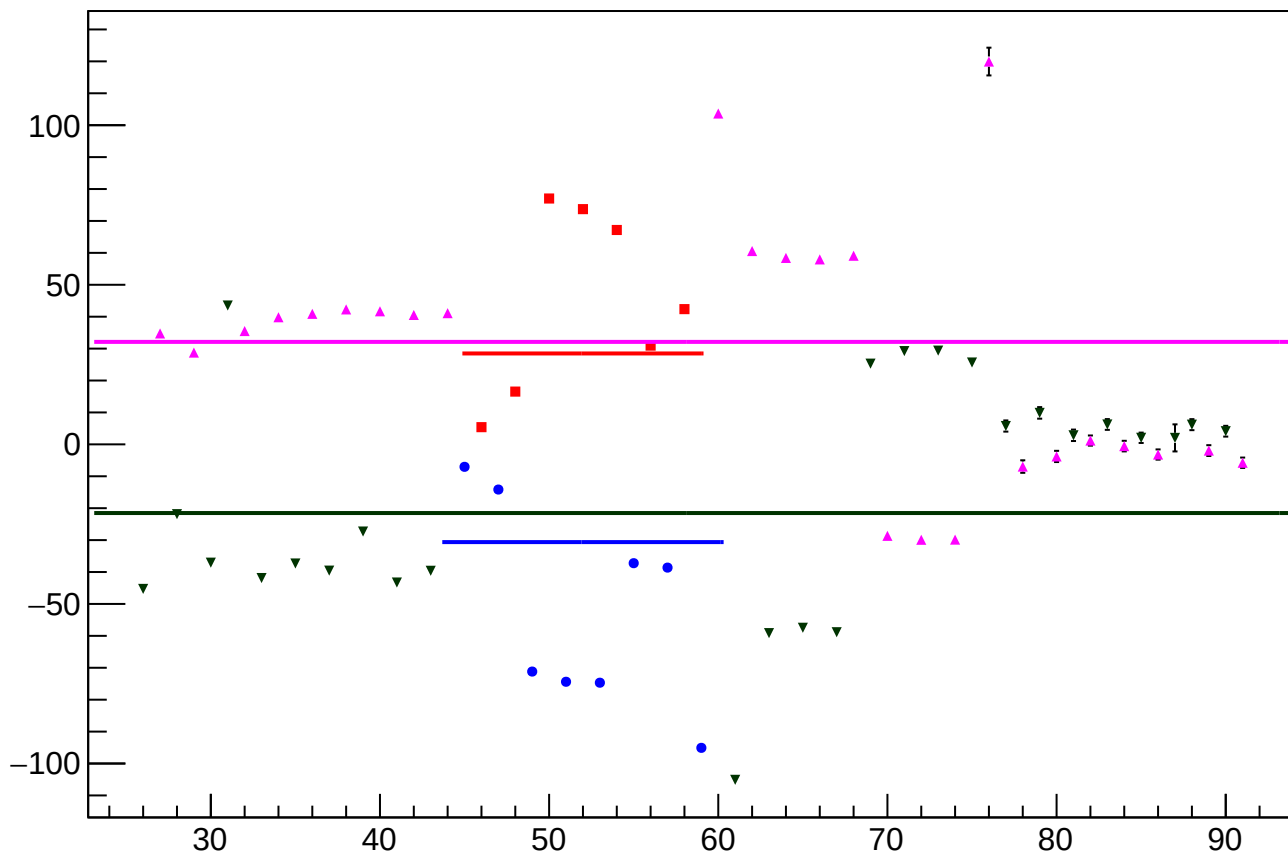
Left Out: 9.495 ± 0.132 $\chi^2/\text{NDF}: 3022.1/25$

Right Out: -7.531 ± 0.216 $\chi^2/\text{NDF}: 2267.8/6$

Left In: -11.058 ± 0.124 $\chi^2/\text{NDF}: 1571.6/24$

-0.568 ± 0.076 $\chi^2/\text{NDF}: 24490.9/65$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -30.625 $\pm$ 0.040 χ^2 /NDF: 464703.9/7

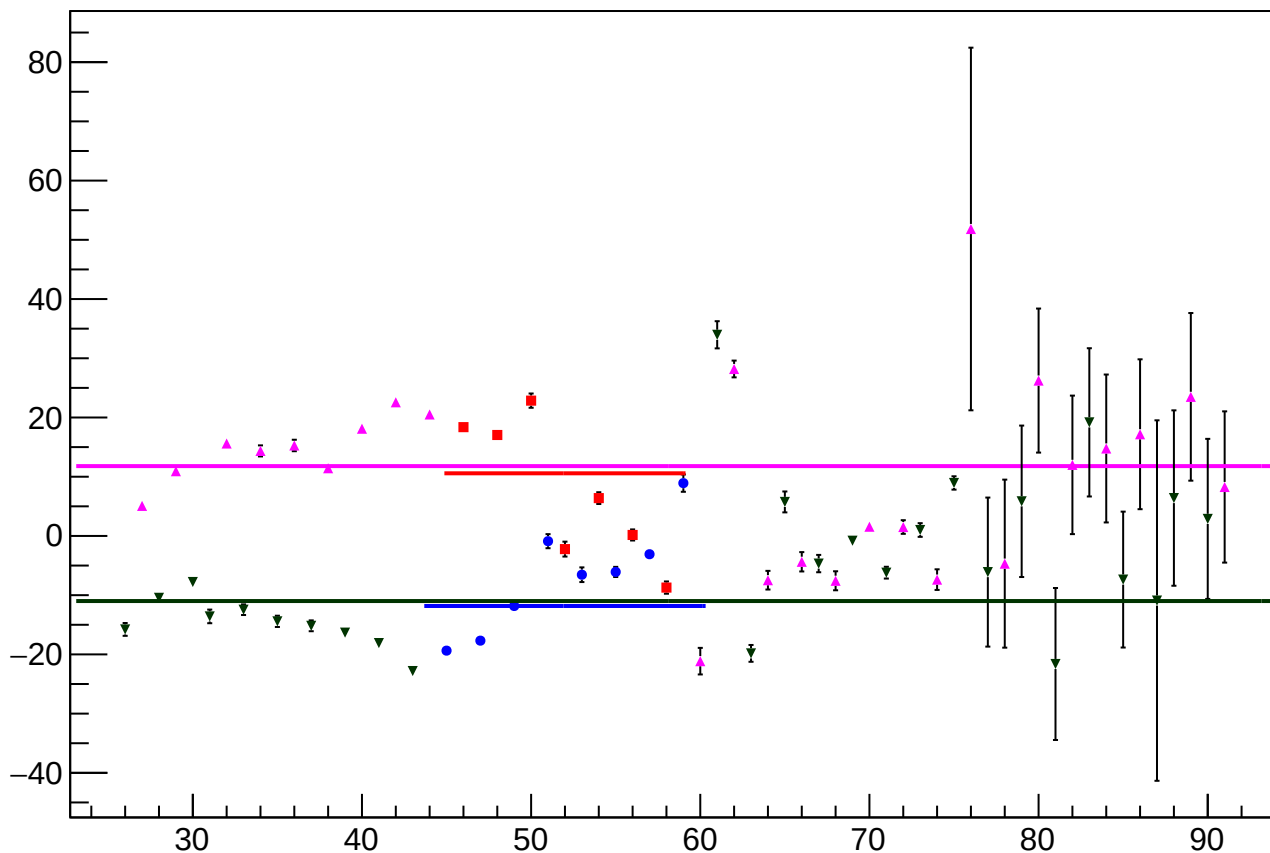
Left Out: -21.517 $\pm$ 0.027 χ^2 /NDF: 1432590.4/25

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

2.631 $\pm$ 0.016 χ^2 /NDF: 6149800.7/65

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -11.827 ± 0.284 χ^2/NDF : 761.7/7

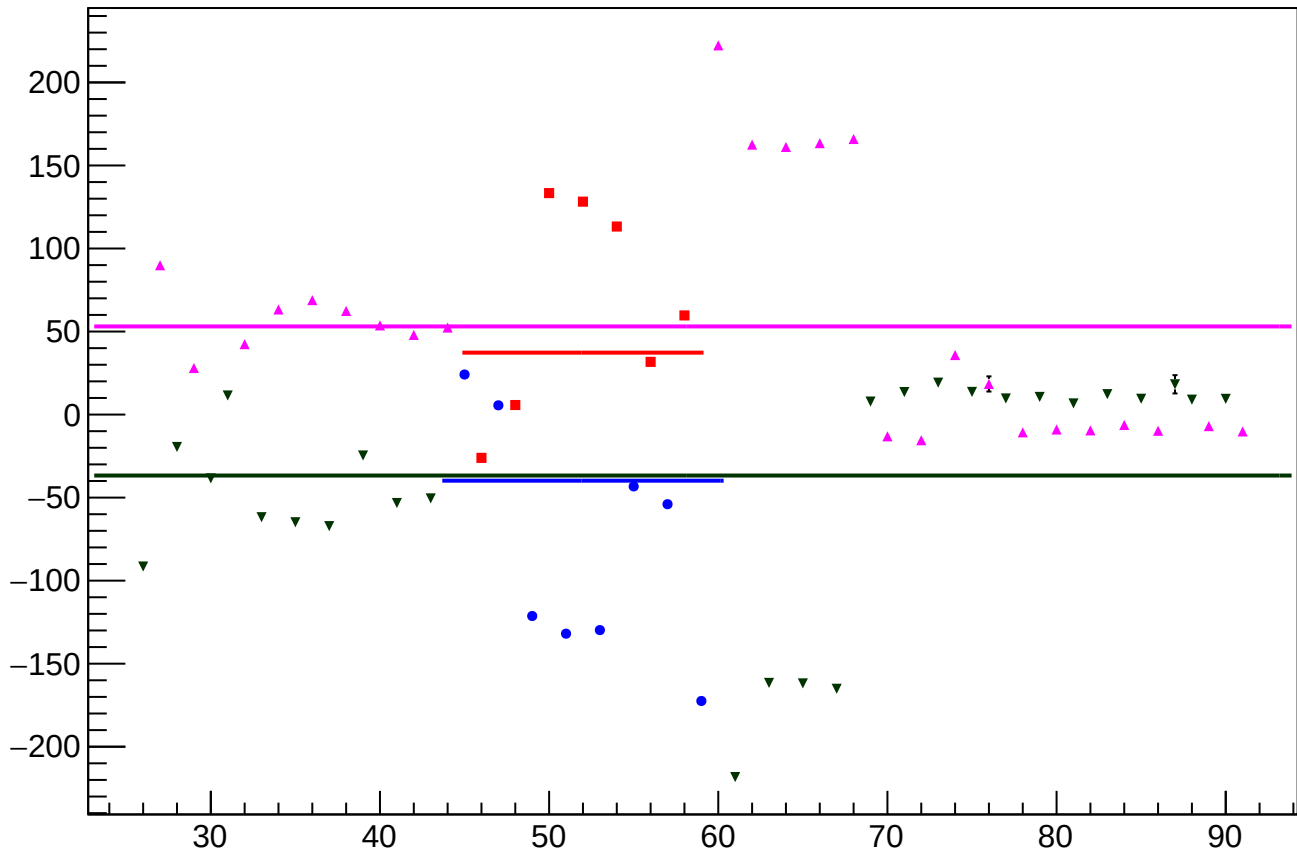
Left Out: -10.992 ± 0.207 χ^2/NDF : 1653.4/25

Right Out: 10.576 ± 0.331 χ^2/NDF : 940.1/6

Left In: 11.793 ± 0.199 χ^2/NDF : 1822.9/24

-0.101 ± 0.119 χ^2/NDF : 14271.2/65

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -39.806 $\pm$ 0.055 χ^2 /NDF: 1308354.8/7

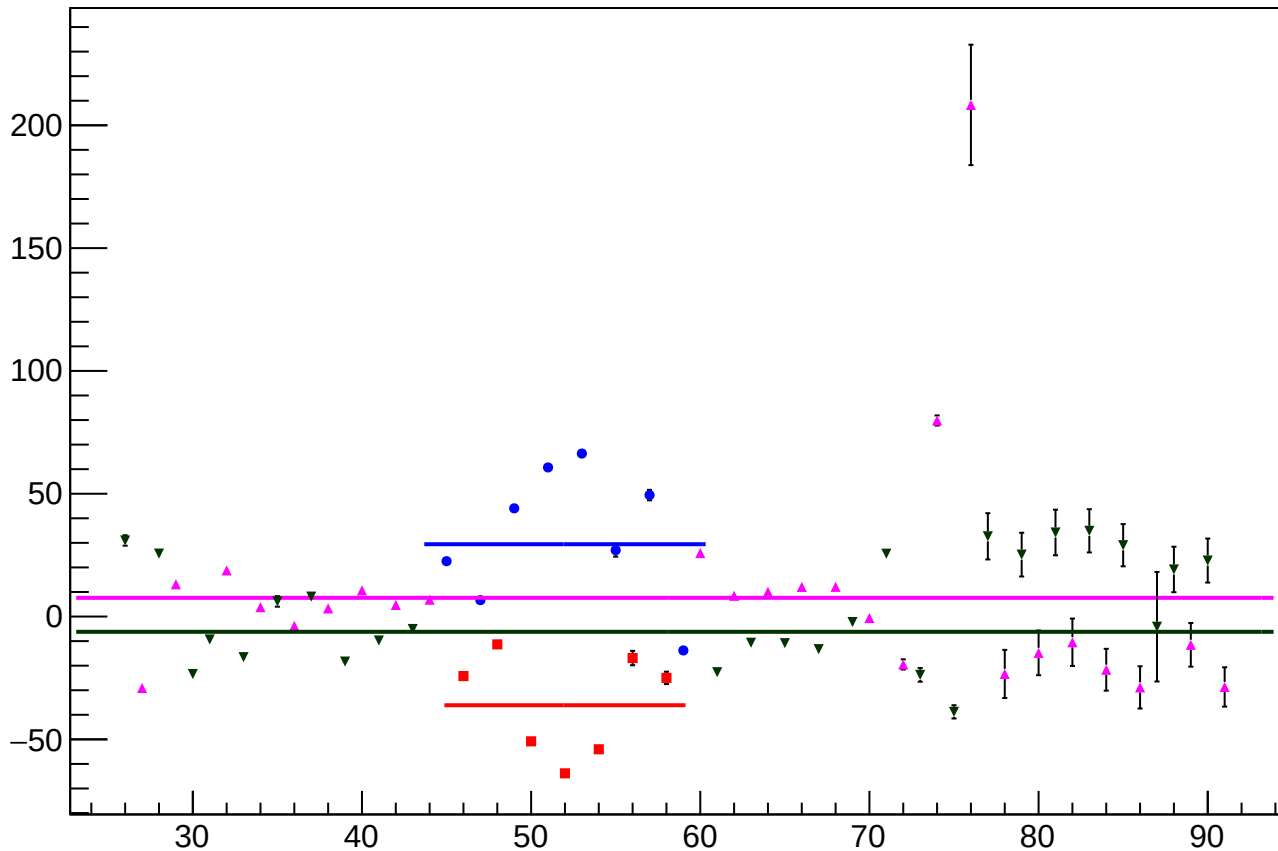
Left Out: -36.702 $\pm$ 0.037 χ^2 /NDF: 1538362.7/25

1.600 $\pm$ 0.023 χ^2 /NDF: 8590519.1/65

Right Out: 37.295 $\pm$ 0.063 χ^2 /NDF: 825660.5/6

Left In: 53.073 $\pm$ 0.040 χ^2 /NDF: 1270258.4/24

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 29.445 ± 0.538 $\chi^2/\text{NDF}: 2379.1/7$

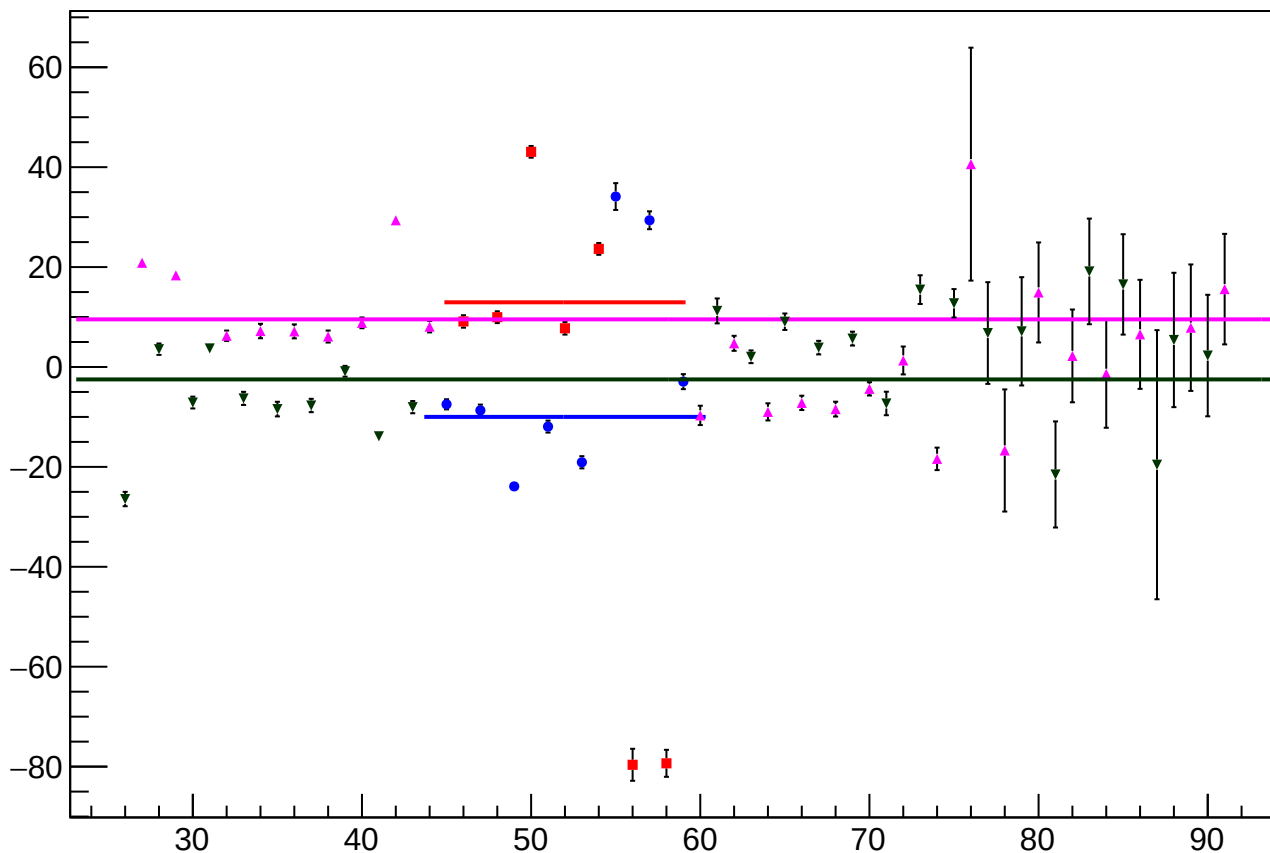
Left Out: -6.215 ± 0.330 $\chi^2/\text{NDF}: 1924.2/25$

Right Out: -36.106 ± 0.678 $\chi^2/\text{NDF}: 849.8/6$

Left In: 7.623 ± 0.331 $\chi^2/\text{NDF}: 2719.0/24$

1.489 ± 0.204 $\chi^2/\text{NDF}: 14539.8/65$

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -9.990 ± 0.436 $\chi^2/\text{NDF}: 1085.7/7$

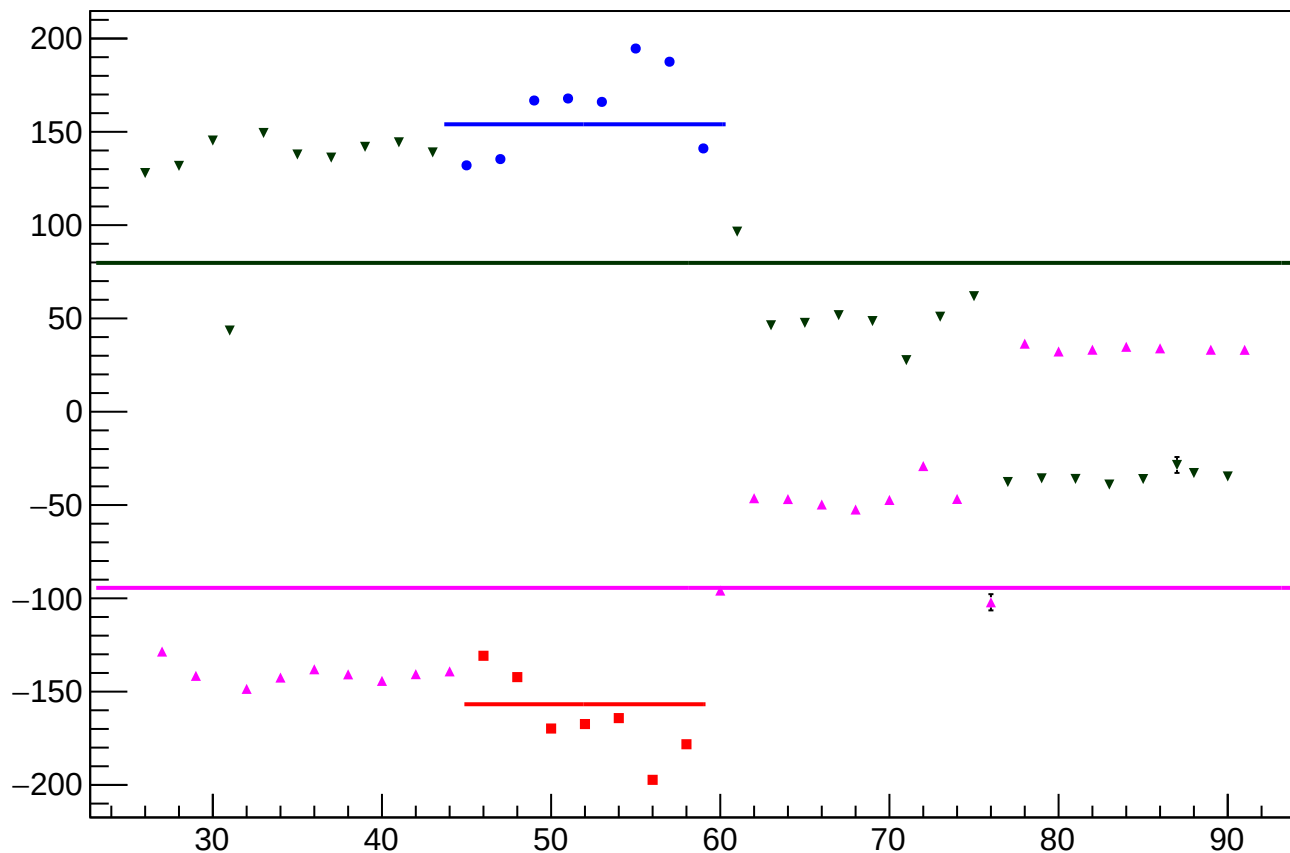
Left Out: -2.489 ± 0.299 $\chi^2/\text{NDF}: 856.6/25$

Right Out: 12.945 ± 0.523 $\chi^2/\text{NDF}: 2772.1/6$

Left In: 9.533 ± 0.297 $\chi^2/\text{NDF}: 1586.3/24$

2.403 ± 0.178 $\chi^2/\text{NDF}: 8358.4/65$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 154.038 $\pm$ 0.096 χ^2 /NDF: 41485.2/7

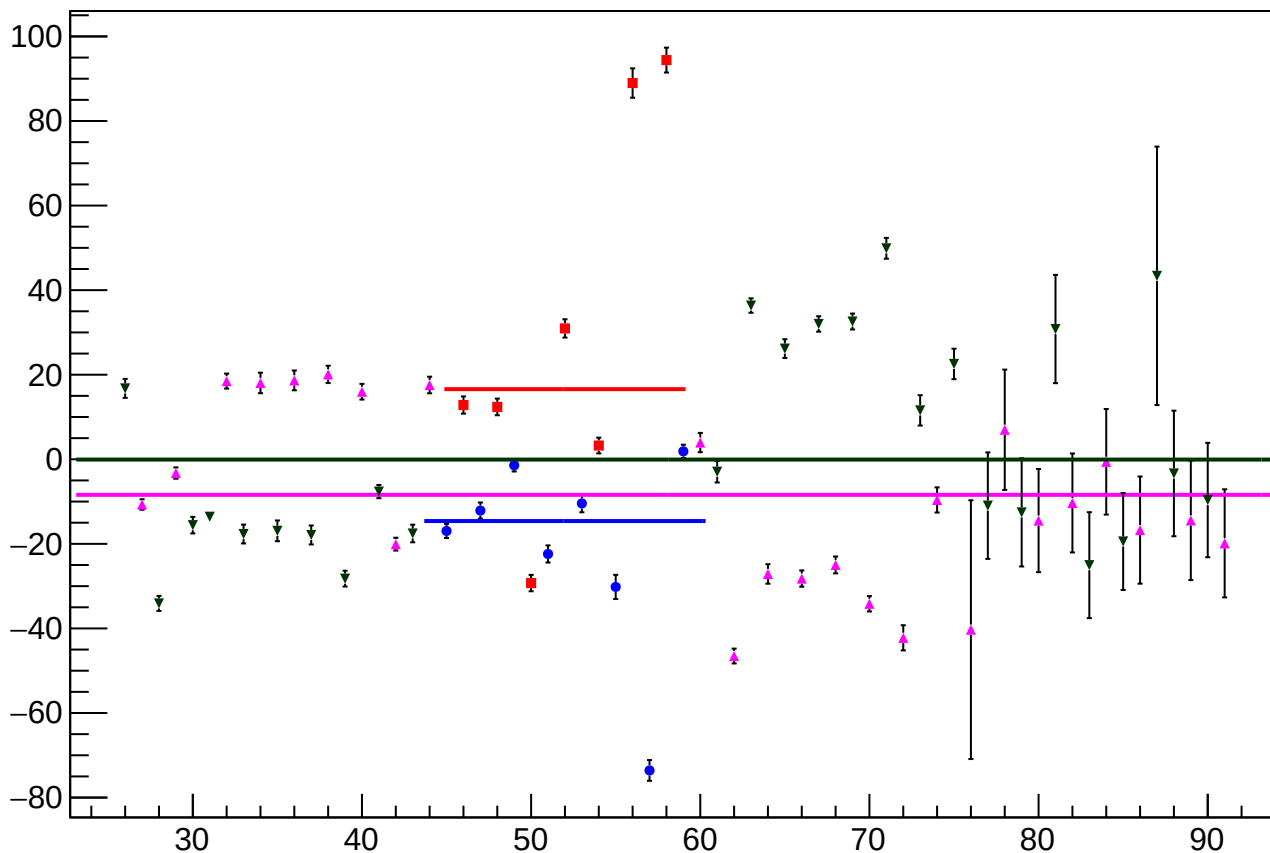
Left Out: 79.763 $\pm$ 0.054 χ^2 /NDF: 744152.5/25

Right Out: -156.762 $\pm$ 0.116 χ^2 /NDF: 26073.7/6

Left In: -94.392 $\pm$ 0.057 χ^2 /NDF: 674038.9/24

5.041 $\pm$ 0.035 χ^2 /NDF: 10759542.5/65

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.605 $\pm$ 0.665 χ^2 /NDF: 821.3/7

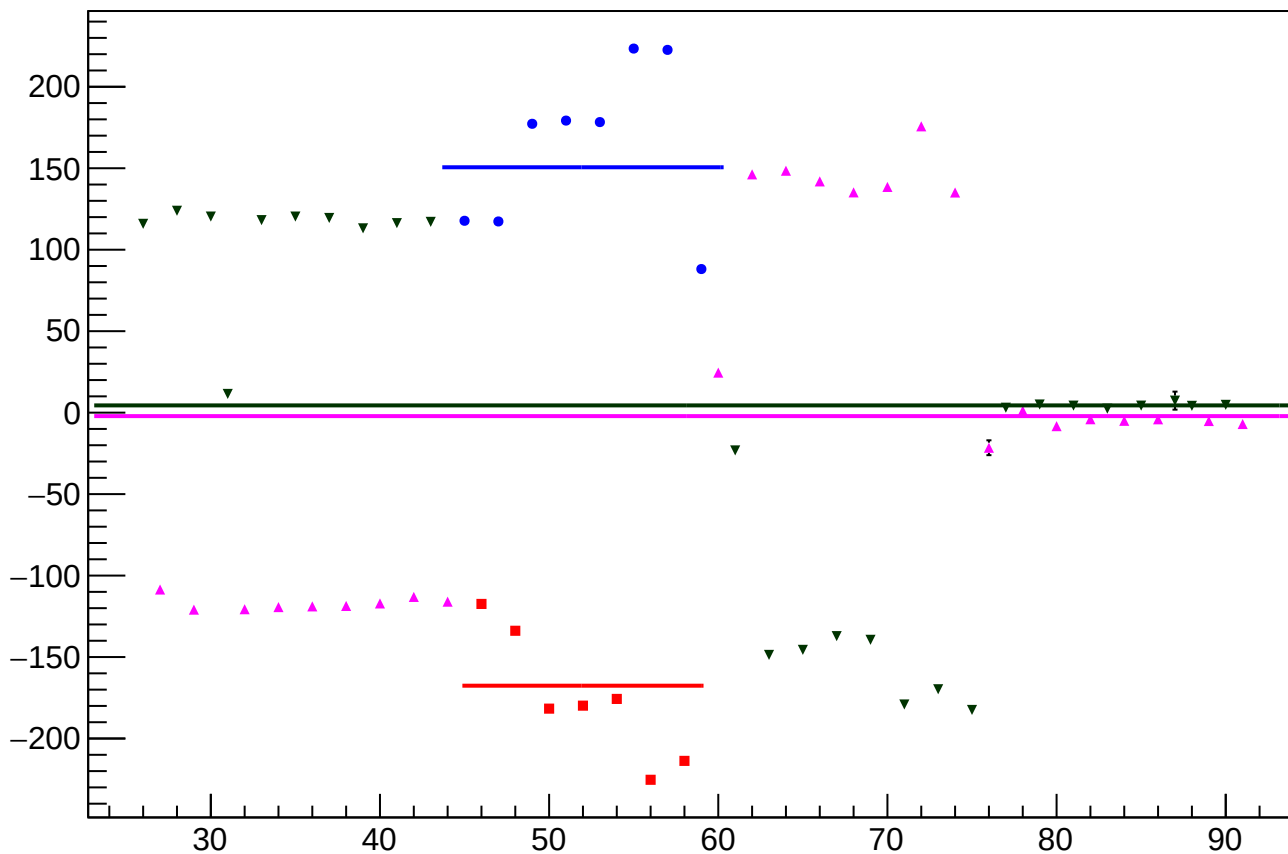
Left Out: -0.068 $\pm$ 0.463 χ^2 /NDF: 2798.4/25

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

-3.777 $\pm$ 0.274 χ^2 /NDF: 8637.3/65

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 150.596 ± 0.128 $\chi^2/\text{NDF}: 120836.0/7$

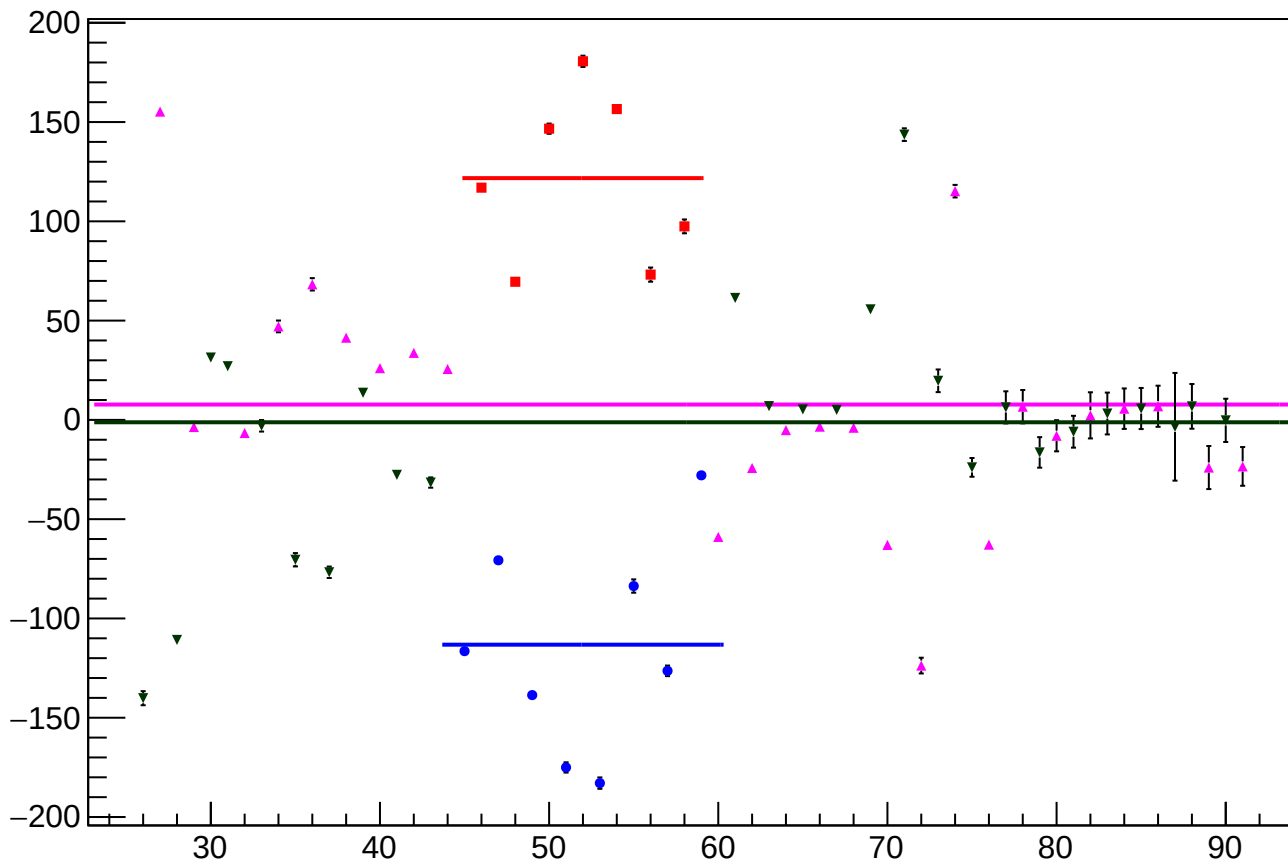
Left Out: 4.447 ± 0.083 $\chi^2/\text{NDF}: 2129104.8/25$

7.034 ± 0.051 $\chi^2/\text{NDF}: 6885699.6/65$

Right Out: -167.583 ± 0.156 $\chi^2/\text{NDF}: 43788.3/6$

Left In: -2.129 ± 0.087 $\chi^2/\text{NDF}: 2070418.3/24$

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -113.209 ± 0.812 χ^2/NDF : 3422.6/7

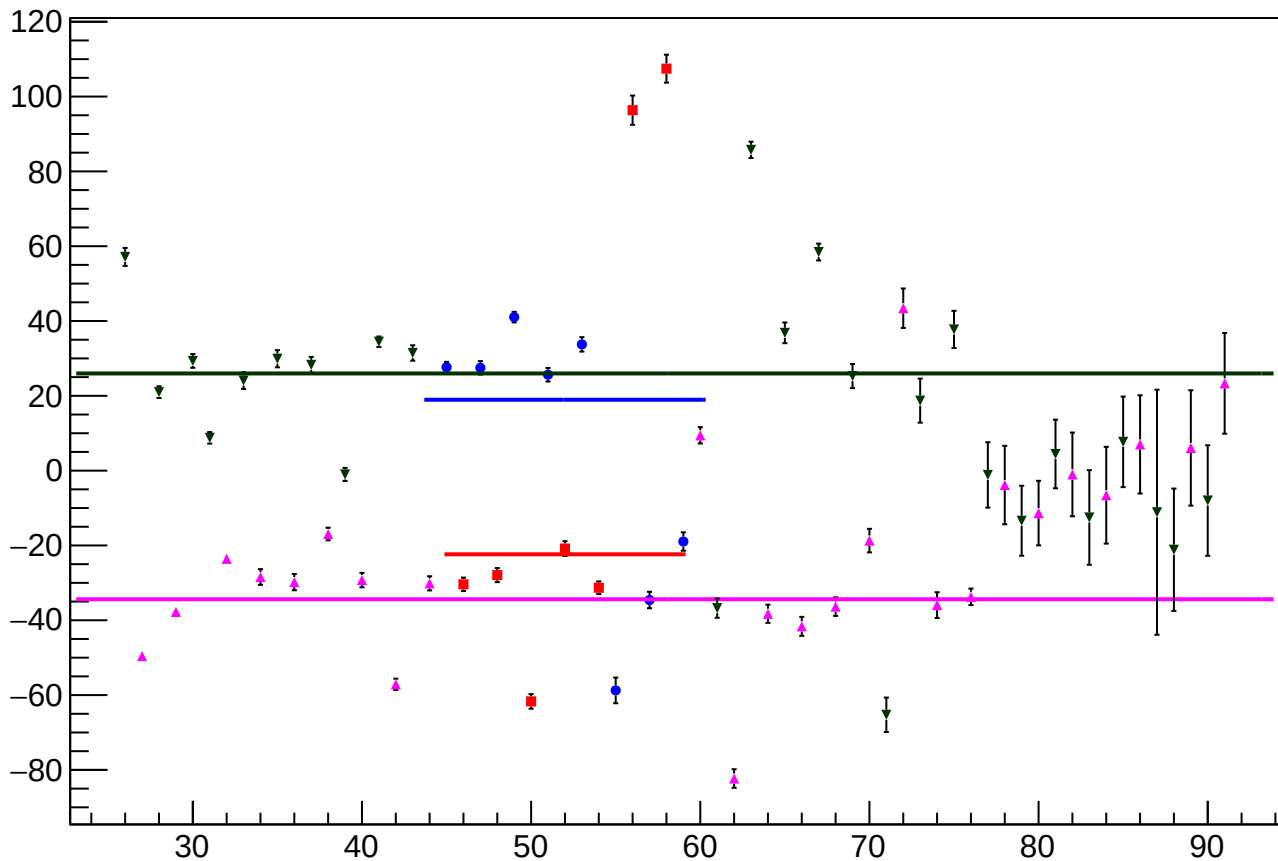
Left Out: -1.201 ± 0.559 χ^2/NDF : 9860.9/25

-2.959 ± 0.323 χ^2/NDF : 61088.5/65

Right Out: 121.756 ± 1.019 χ^2/NDF : 1494.2/6

Left In: 7.730 ± 0.508 χ^2/NDF : 12434.1/24

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 18.950+/-0.657 χ^2/NDF : 1716.6/7

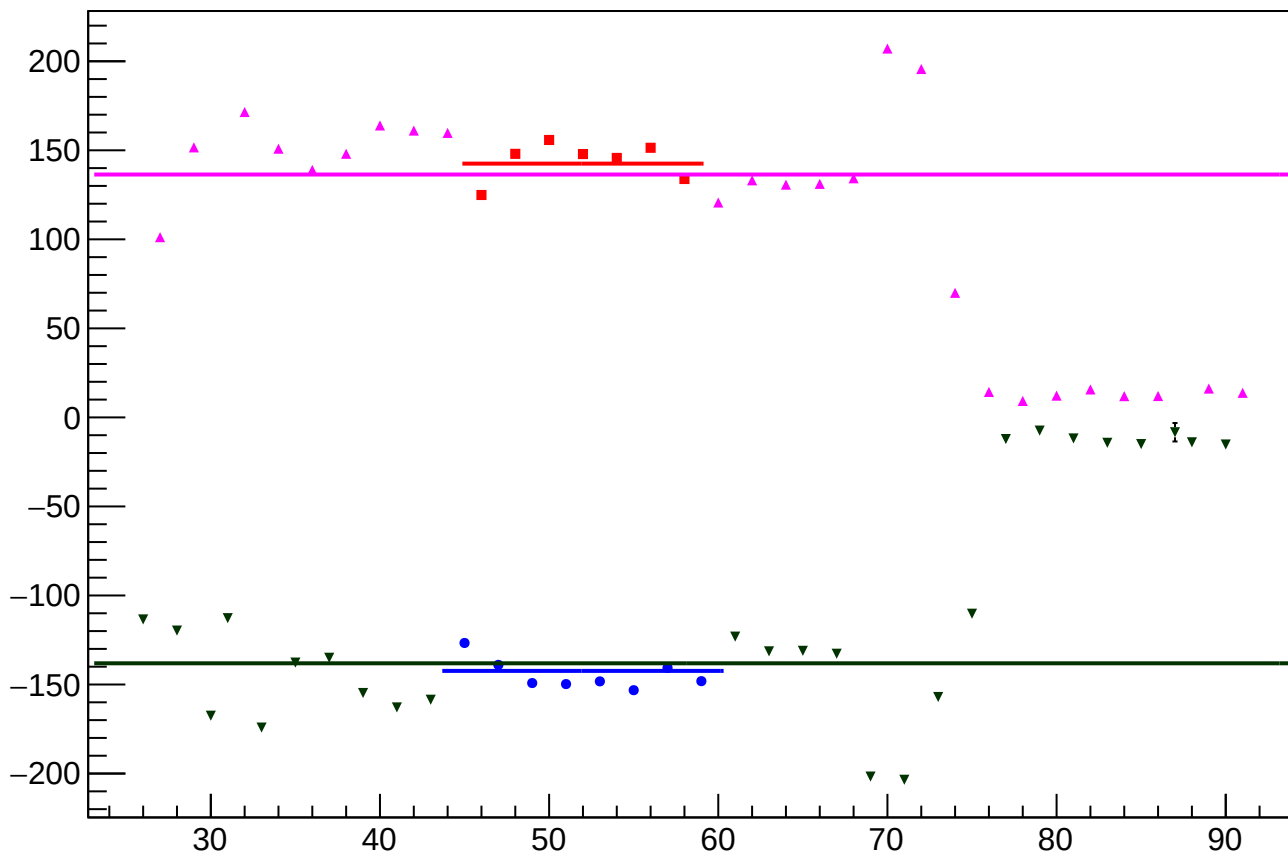
Left Out: 25.979+/-0.503 χ^2/NDF : 2620.8/25

Right Out: -22.364+/-0.793 χ^2/NDF : 2587.9/6

Left In: -34.382+/-0.446 χ^2/NDF : 1681.1/24

-4.788+/-0.279 χ^2/NDF : 18533.7/65

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -142.354 ± 0.144 $\chi^2/\text{NDF}: 3859.2/7$

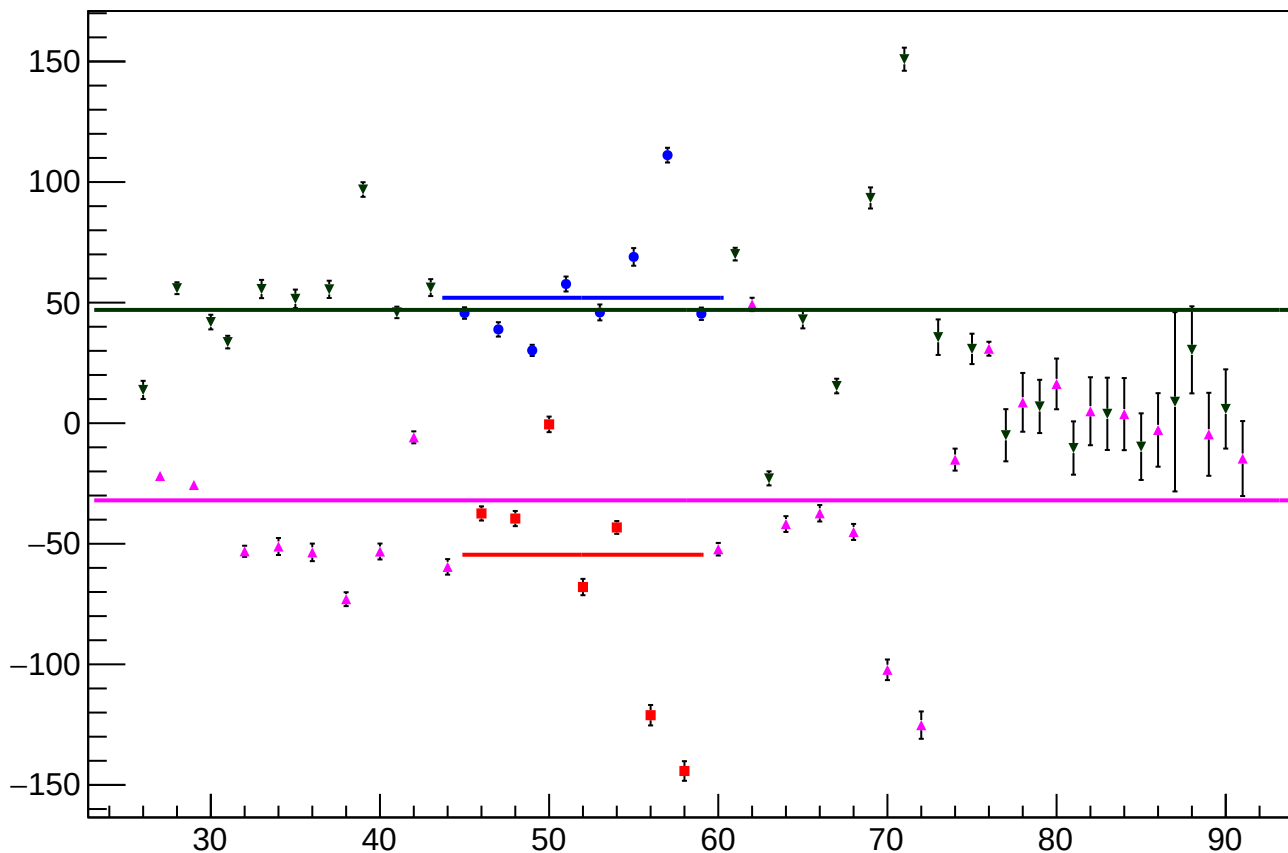
Left Out: -138.087 ± 0.093 $\chi^2/\text{NDF}: 106653.4/25$

Right Out: 142.520 ± 0.173 $\chi^2/\text{NDF}: 3770.0/6$

Left In: 136.401 ± 0.087 $\chi^2/\text{NDF}: 203205.8/24$

-0.546 ± 0.055 $\chi^2/\text{NDF}: 6649293.3/65$

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 52.011 $\pm$ 0.998 χ^2 /NDF: 523.9/7

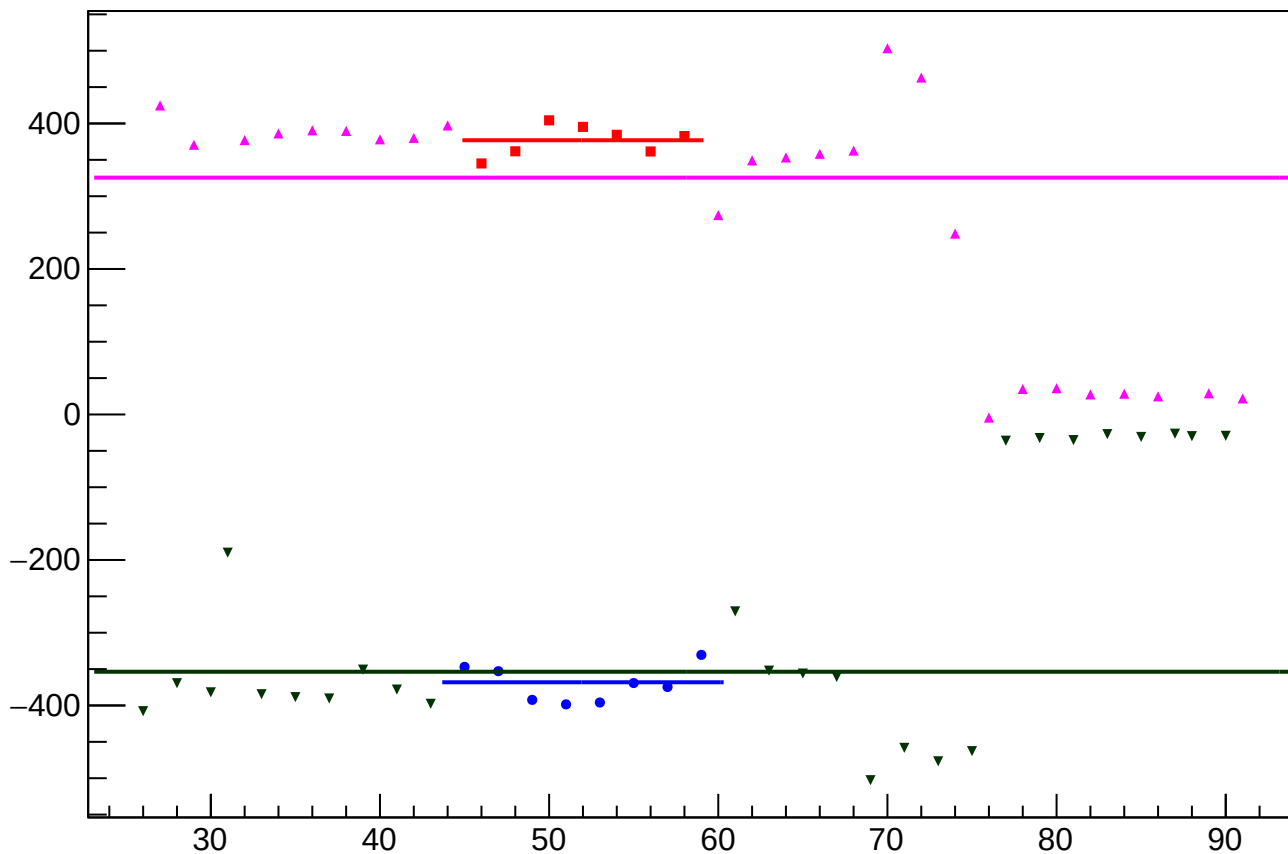
Left Out: 46.981 $\pm$ 0.768 χ^2 /NDF: 1859.8/25

Right Out: -54.548 $\pm$ 1.233 χ^2 /NDF: 1103.1/6

Left In: -31.999 $\pm$ 0.676 χ^2 /NDF: 2643.3/24

4.694 $\pm$ 0.425 χ^2 /NDF: 16662.1/65

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -368.110+/-0.193 χ^2/NDF : 16285.2/7

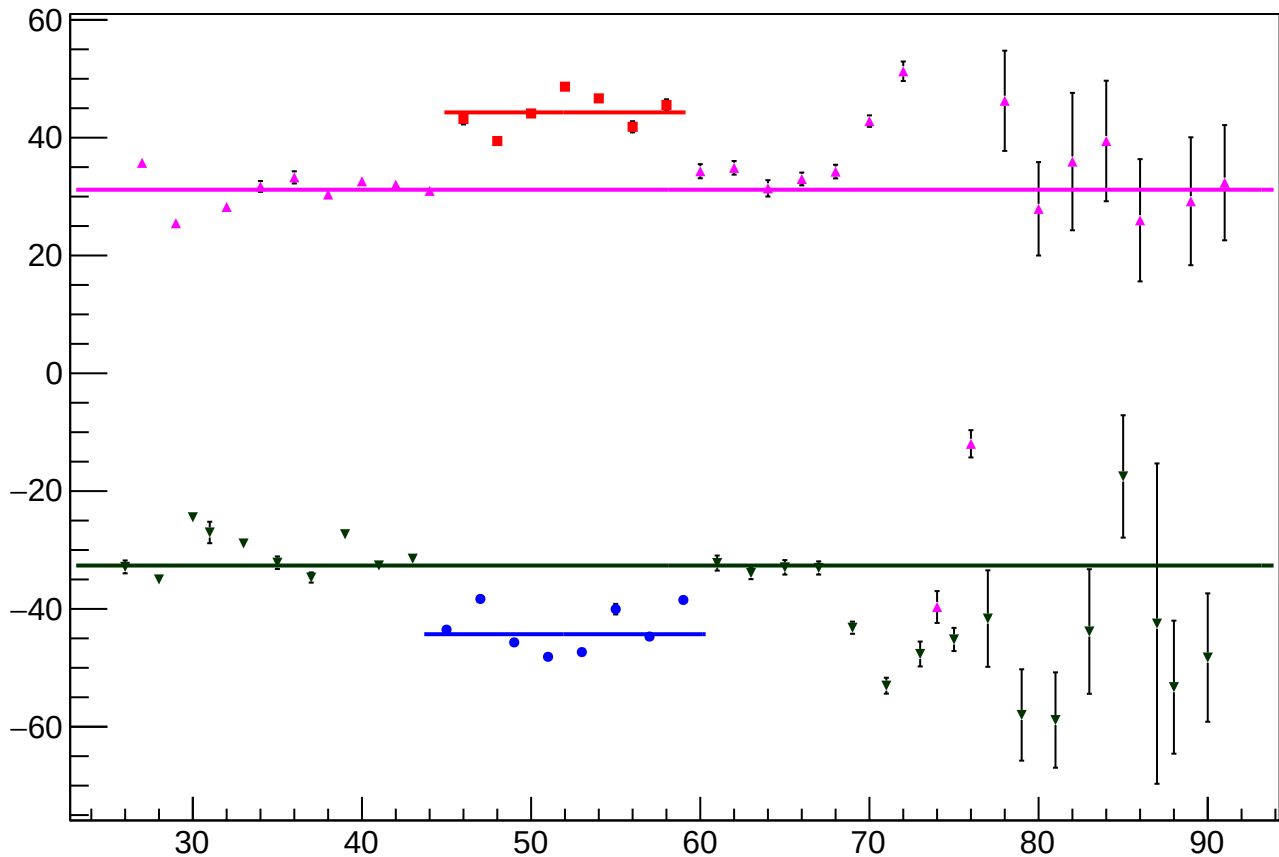
Left Out: -353.639+/-0.140 χ^2/NDF : 391874.6/25

Right Out: 376.945+/-0.235 χ^2/NDF : 7526.7/6

Left In: 325.563+/-0.130 χ^2/NDF : 933966.2/24

-10.236+/-0.080 χ^2/NDF : 20207945.8/65

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.293 ± 0.235 $\chi^2/\text{NDF}: 194.9/7$

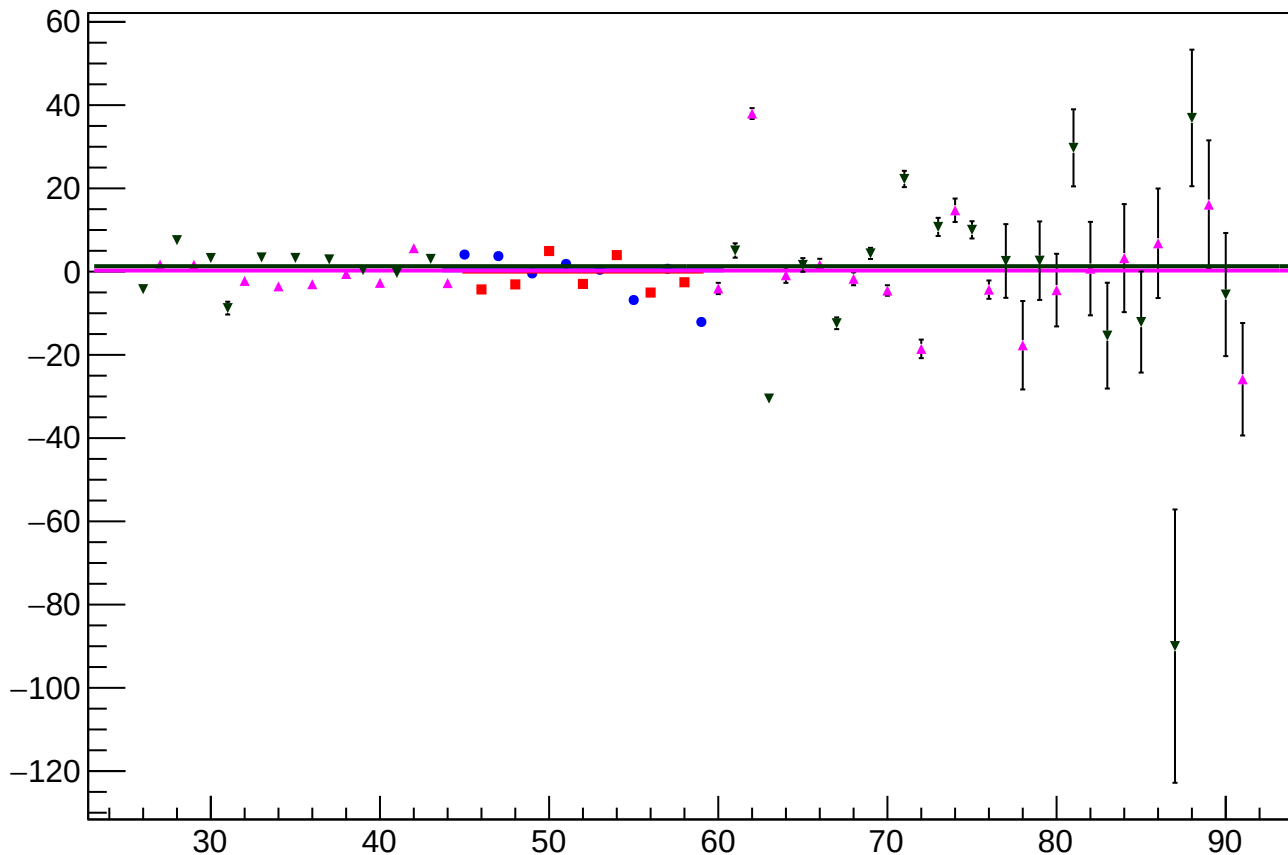
Left Out: -32.634 ± 0.225 $\chi^2/\text{NDF}: 690.9/25$

Right Out: 44.295 ± 0.287 $\chi^2/\text{NDF}: 112.7/6$

Left In: 31.162 ± 0.209 $\chi^2/\text{NDF}: 1522.4/24$

-2.675 ± 0.117 $\chi^2/\text{NDF}: 104799.0/65$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.323+/-0.188 χ^2/NDF : 313.4/7

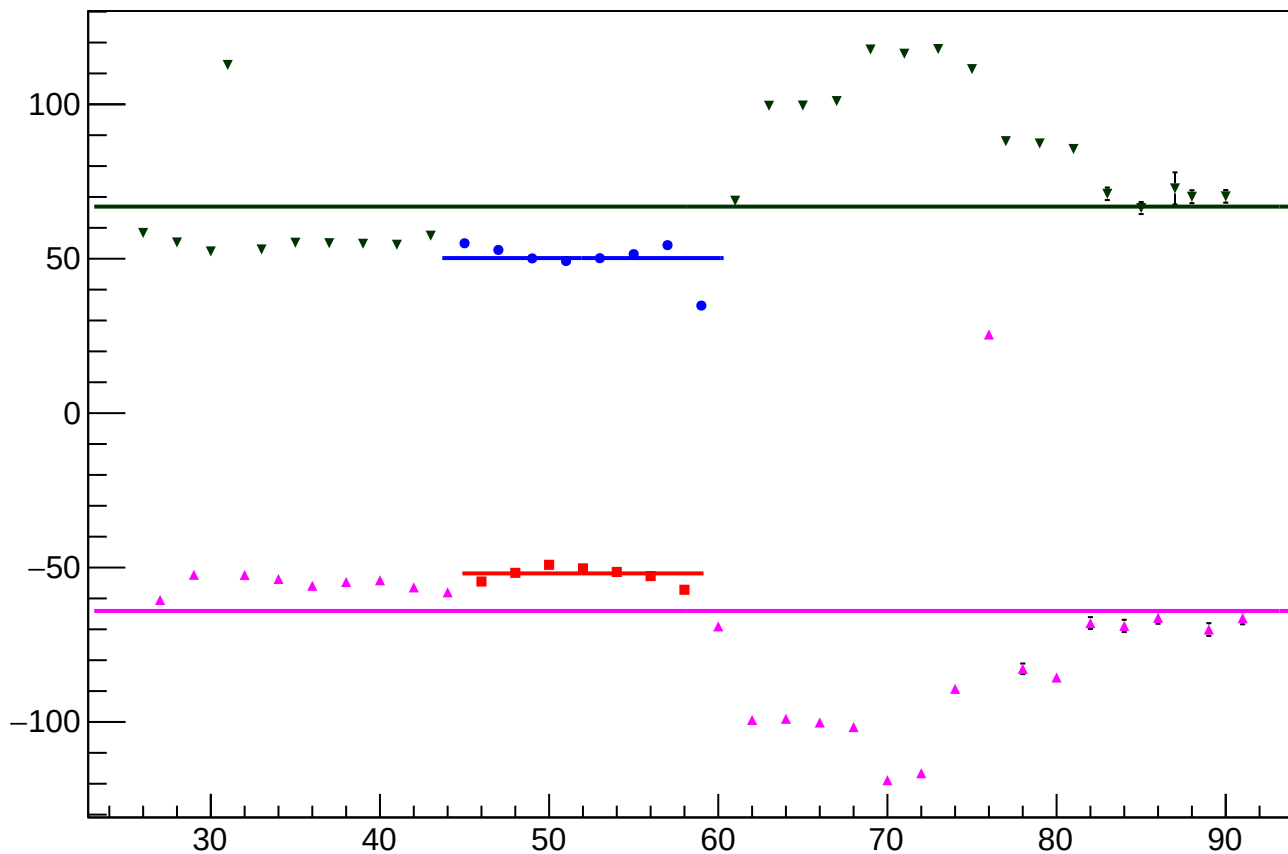
Left Out: 1.306+/-0.183 χ^2/NDF : 1288.4/25

Right Out: 0.002+/-0.223 χ^2/NDF : 313.0/6

Left In: 0.265+/-0.167 χ^2/NDF : 1263.9/24

0.504+/-0.094 χ^2/NDF : 3205.9/65

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 50.208 $\pm$ 0.043 χ^2 /NDF: 12862.7/7

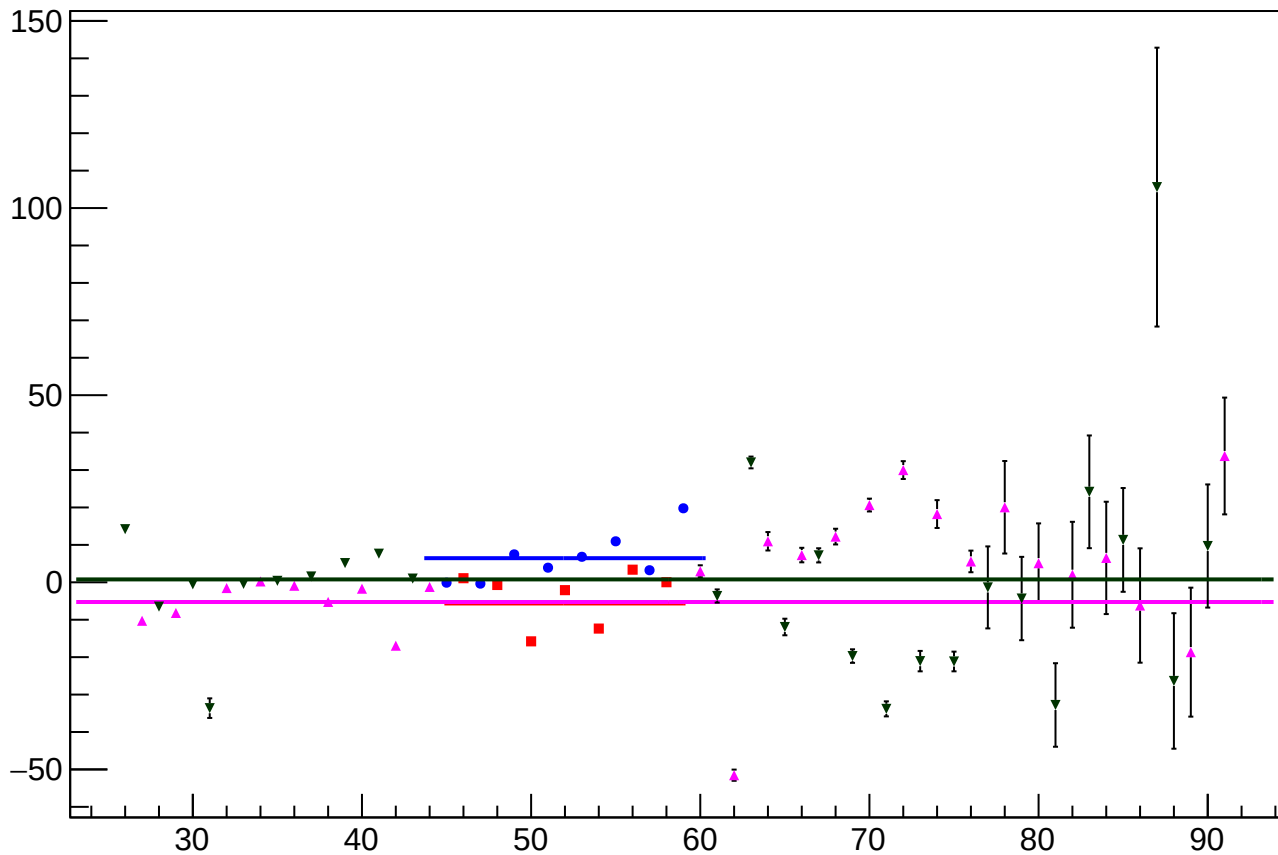
Left Out: 66.877 $\pm$ 0.038 χ^2 /NDF: 334126.0/25

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

1.399 $\pm$ 0.020 χ^2 /NDF: 9448017.1/65

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 6.447 ± 0.292 χ^2/NDF : 310.9/7

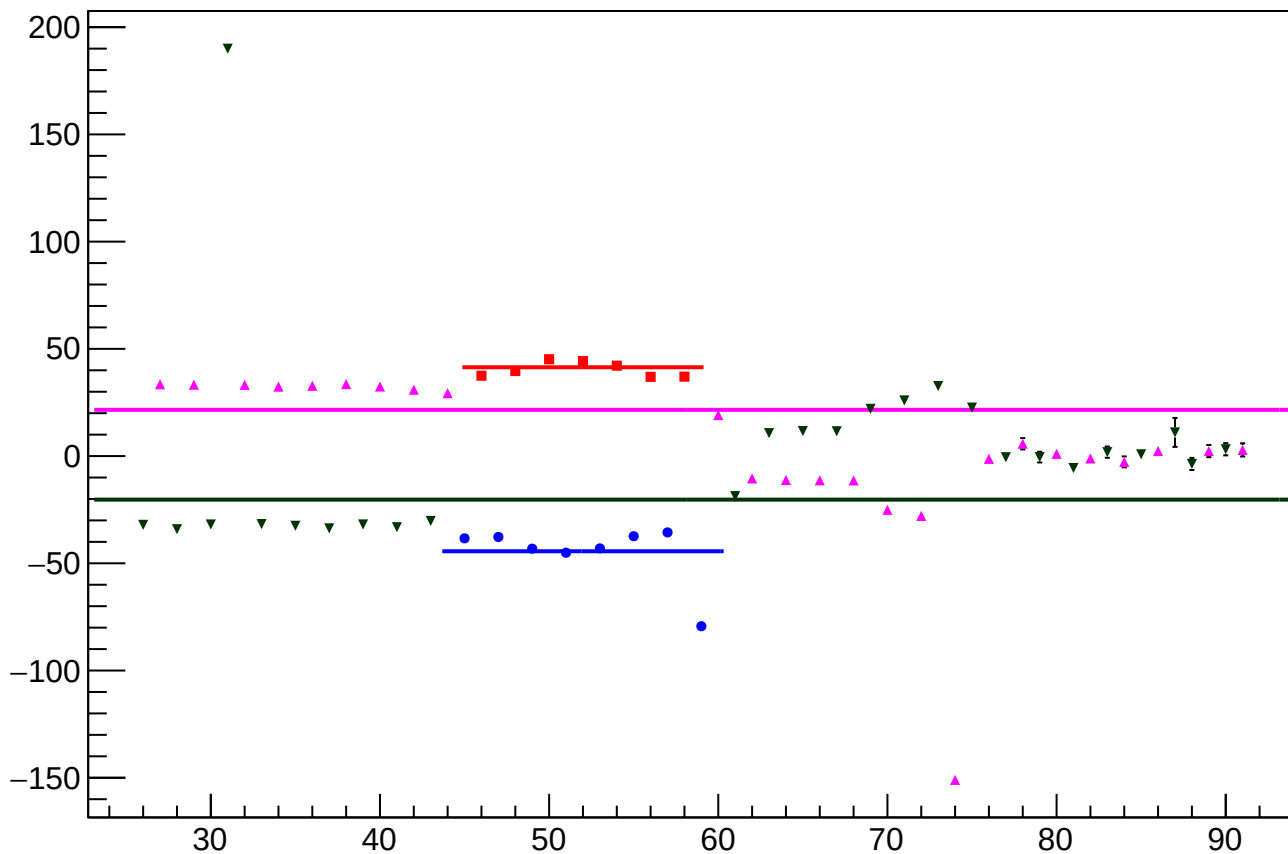
Left Out: 0.774 ± 0.293 χ^2/NDF : 1496.4/25

Right Out: -5.654 ± 0.348 χ^2/NDF : 417.8/6

Left In: -5.263 ± 0.267 χ^2/NDF : 2021.3/24

-0.788 ± 0.148 χ^2/NDF : 5366.2/65

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -44.380 ± 0.056 χ^2/NDF : 39630.2/7

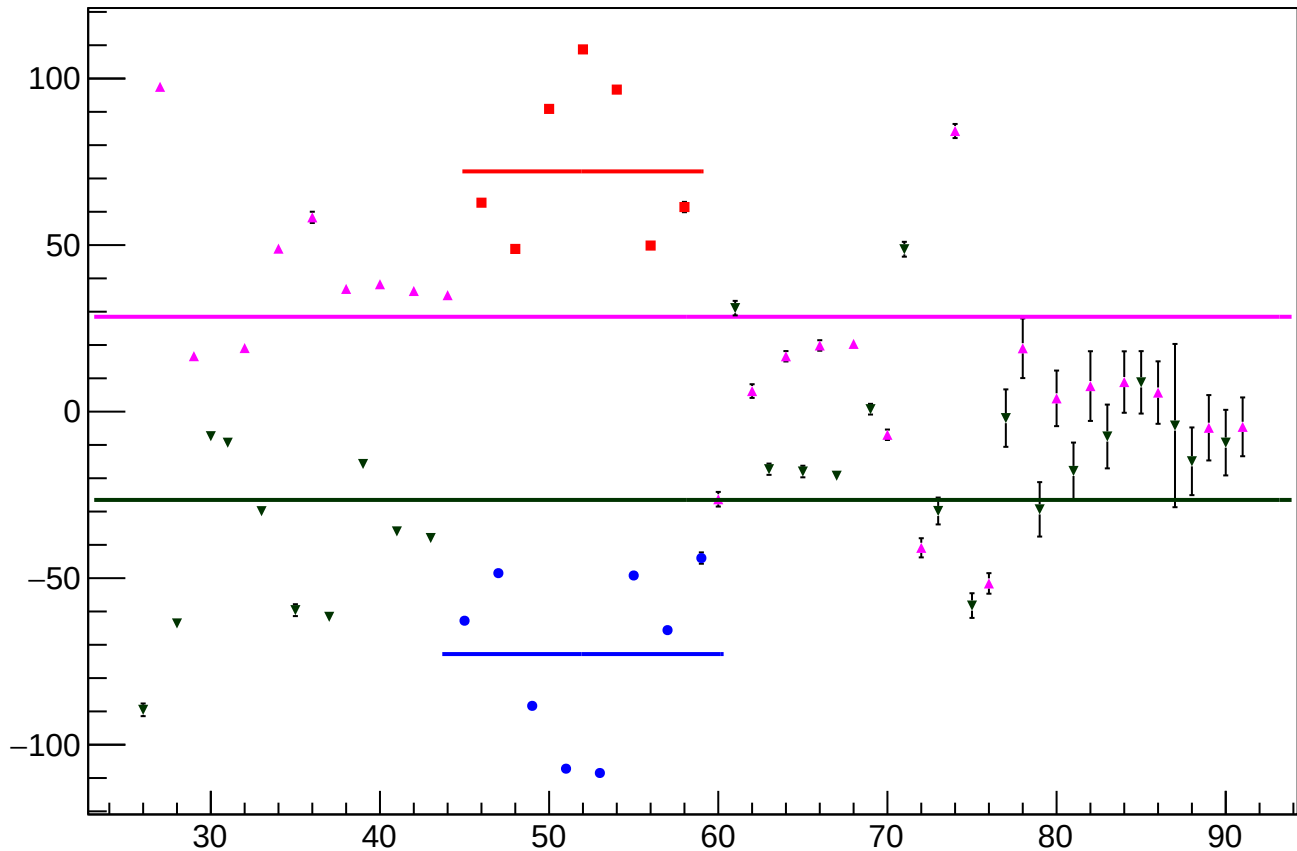
Left Out: -20.312 ± 0.052 χ^2/NDF : 344503.2/25

Right Out: 41.414 ± 0.064 χ^2/NDF : 2576.1/6

Left In: 21.572 ± 0.053 χ^2/NDF : 281464.5/24

-3.090 ± 0.028 χ^2/NDF : 2011269.6/65

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -72.786 $\pm$ 0.409 χ^2 /NDF: 2867.8/7

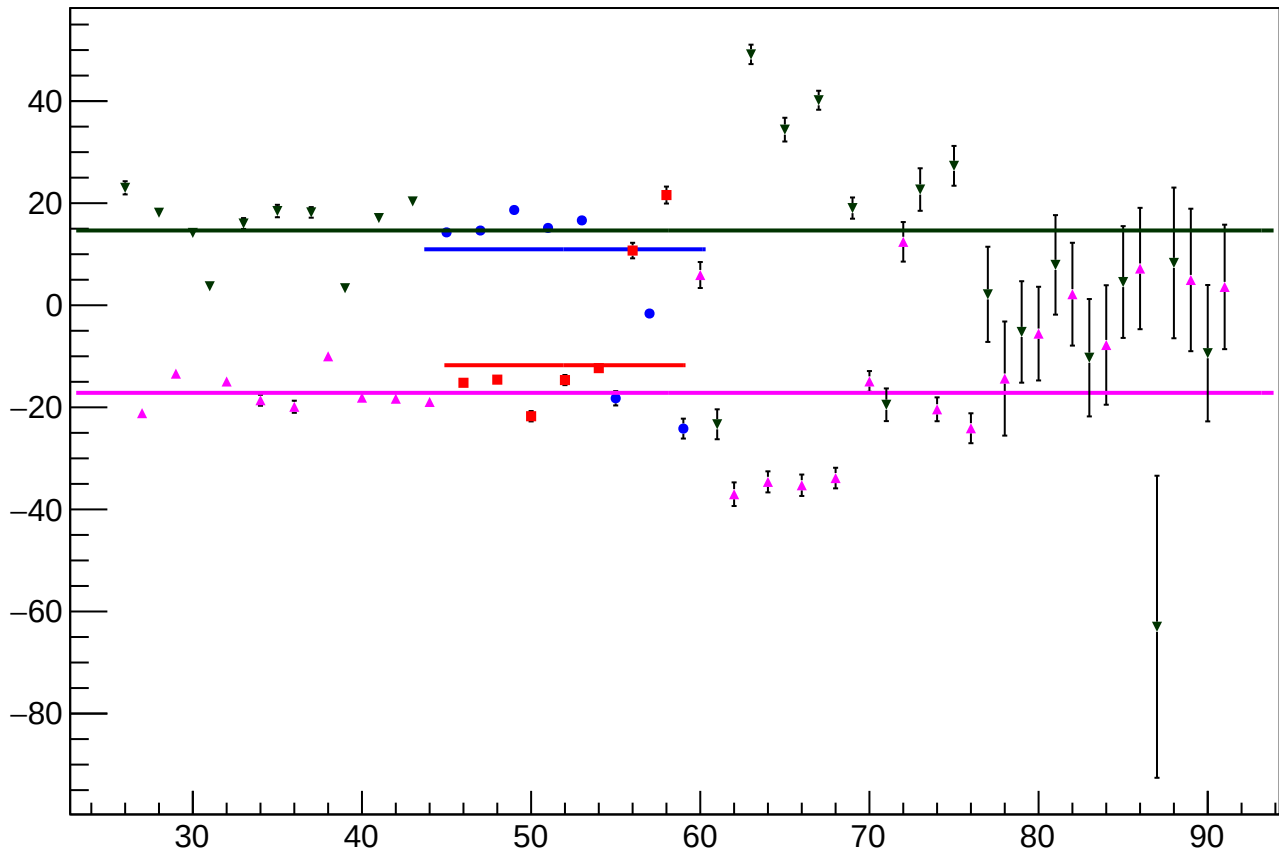
Left Out: -26.511 $\pm$ 0.320 χ^2 /NDF: 6611.3/25

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

-3.033 $\pm$ 0.181 χ^2 /NDF: 87545.7/65

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 10.963 ± 0.325 $\chi^2/\text{NDF}: 1149.7/7$

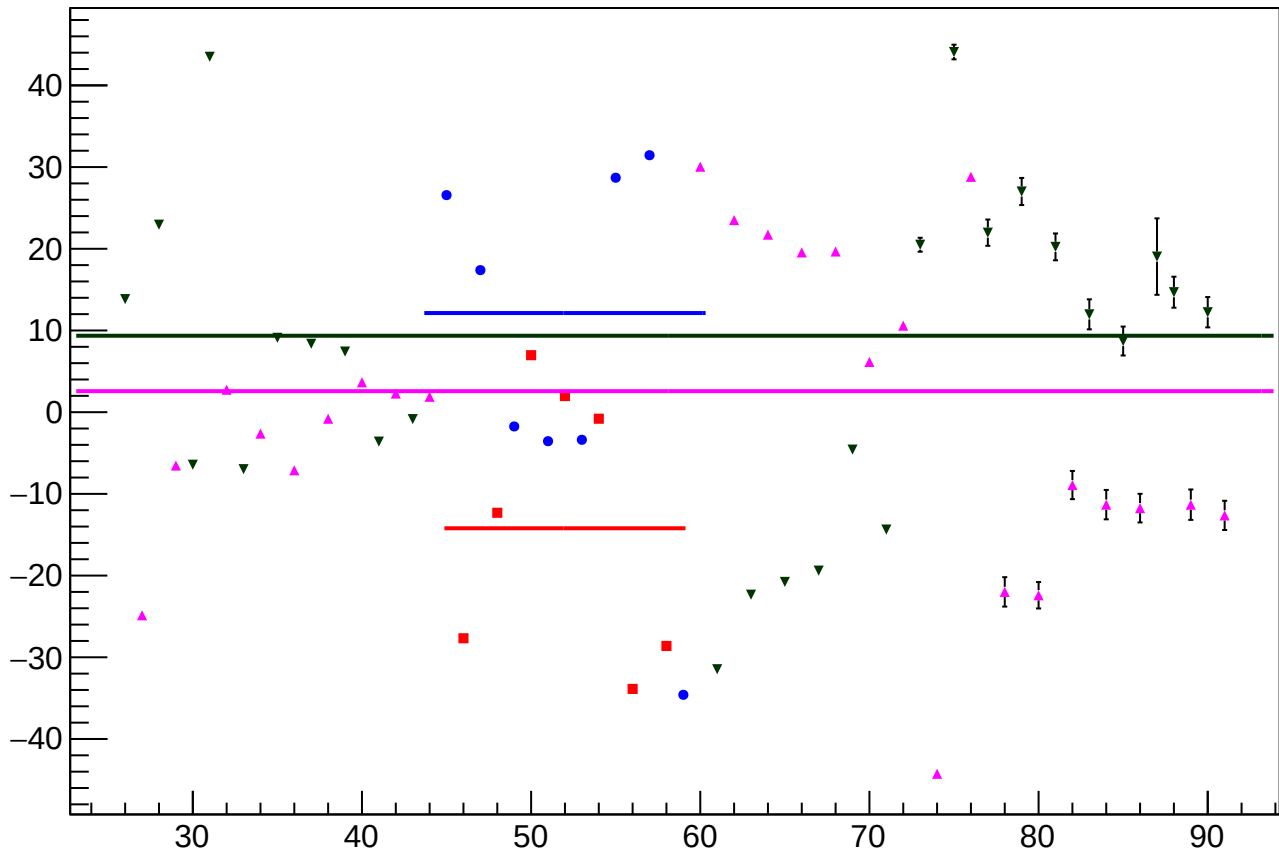
Left Out: 14.653 ± 0.263 $\chi^2/\text{NDF}: 1524.8/25$

Right Out: -11.749 ± 0.384 $\chi^2/\text{NDF}: 753.8/6$

Left In: -17.160 ± 0.253 $\chi^2/\text{NDF}: 607.4/24$

-0.693 ± 0.147 $\chi^2/\text{NDF}: 13812.2/65$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.134+/-0.072 χ^2/NDF : 60398.2/7

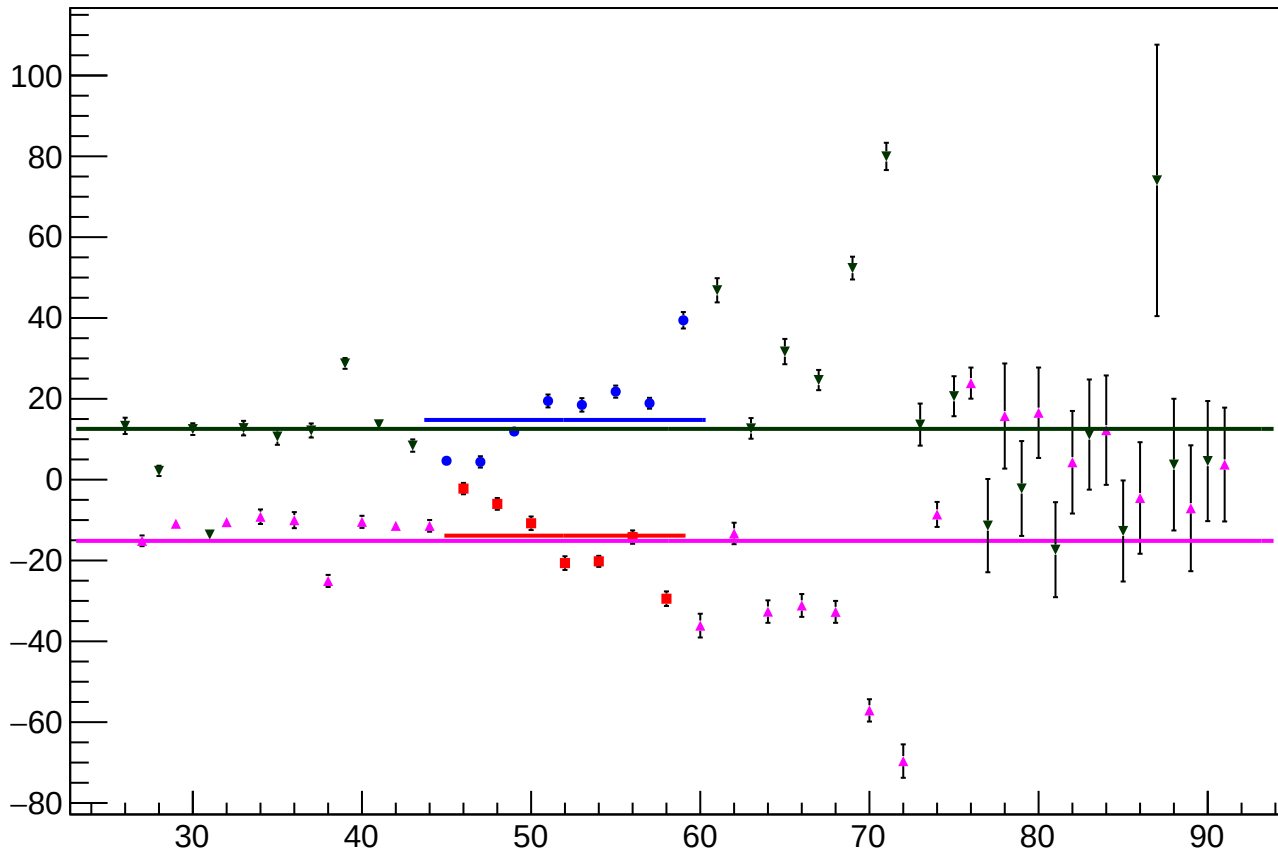
Left Out: 9.355+/-0.052 χ^2/NDF : 187109.2/25

4.325+/-0.031 χ^2/NDF : 407393.5/65

Right Out: -14.208+/-0.082 χ^2/NDF : 31219.0/6

Left In: 2.574+/-0.053 χ^2/NDF : 55211.3/24

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 14.775 $\pm$ 0.502 χ^2 /NDF: 324.6/7

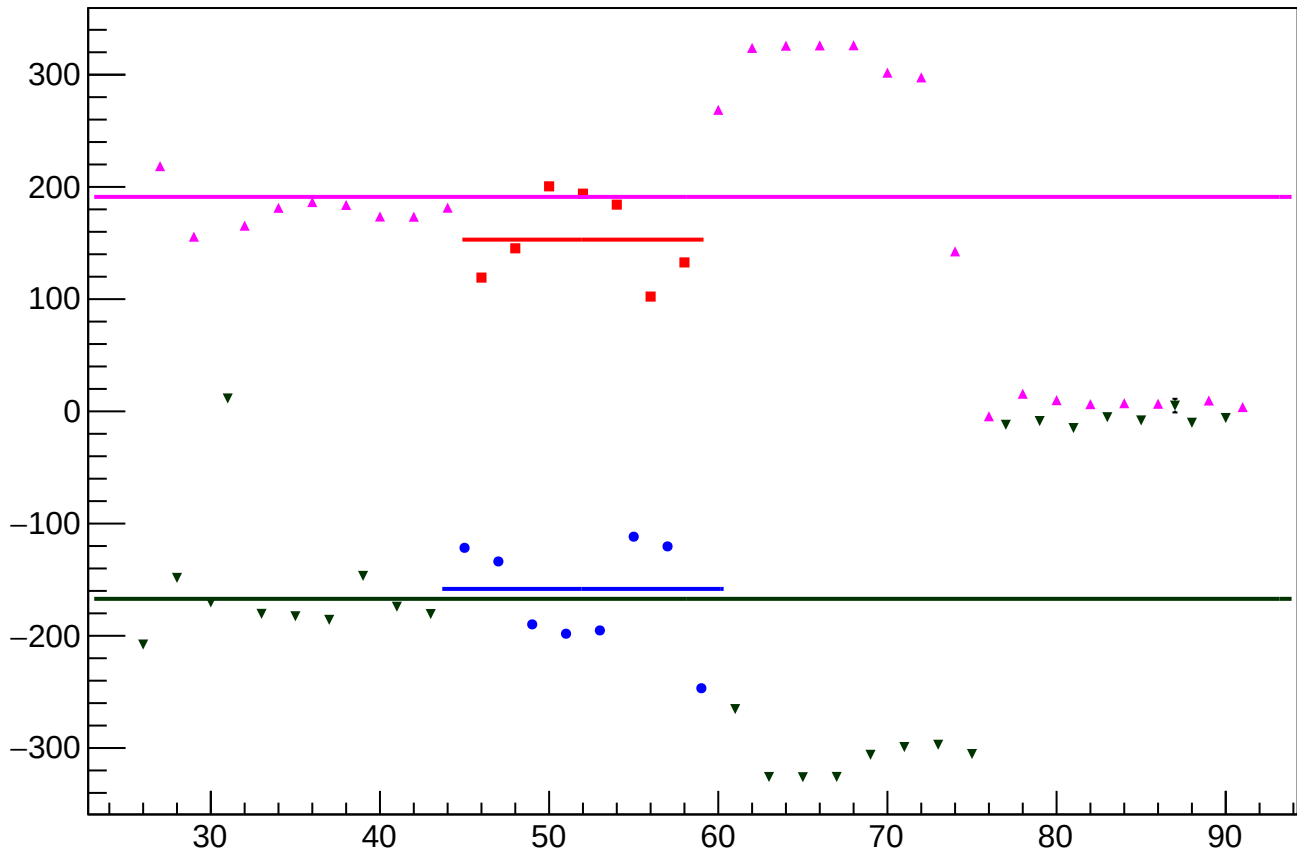
Left Out: 12.563 $\pm$ 0.425 χ^2 /NDF:1552.8/25

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

-0.216 $\pm$ 0.233 χ^2 /NDF: 6605.1/65

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -158.216+/-0.098 χ^2/NDF : 181452.4/7

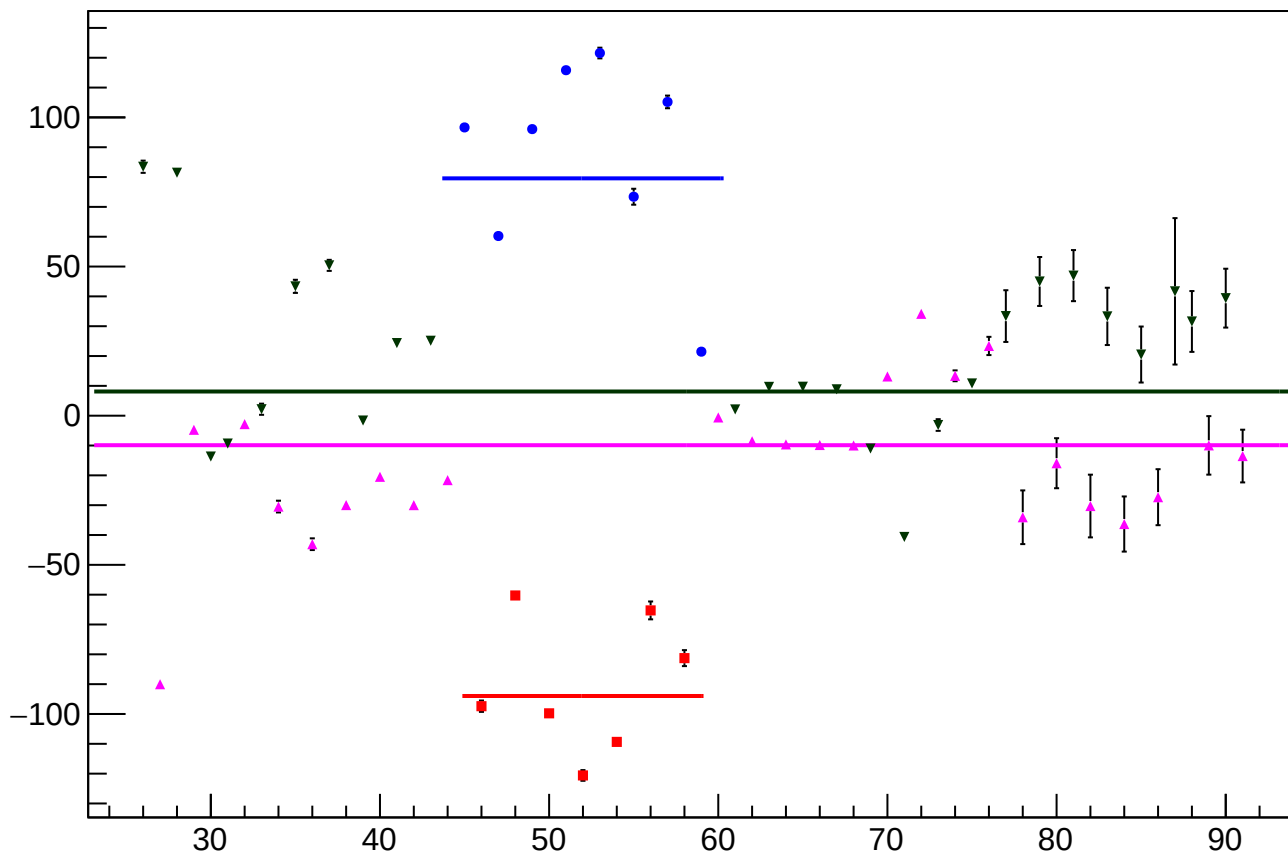
Left Out: -167.065+/-0.078 χ^2/NDF : 1366555.8/25

Right Out: 153.027+/-0.111 χ^2/NDF : 103869.9/6

Left In: 191.121+/-0.080 χ^2/NDF : 612089.1/24

-4.077+/-0.044 χ^2/NDF : 17062845.9/65

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.565 ± 0.536 $\chi^2/\text{NDF}: 4358.2/7$

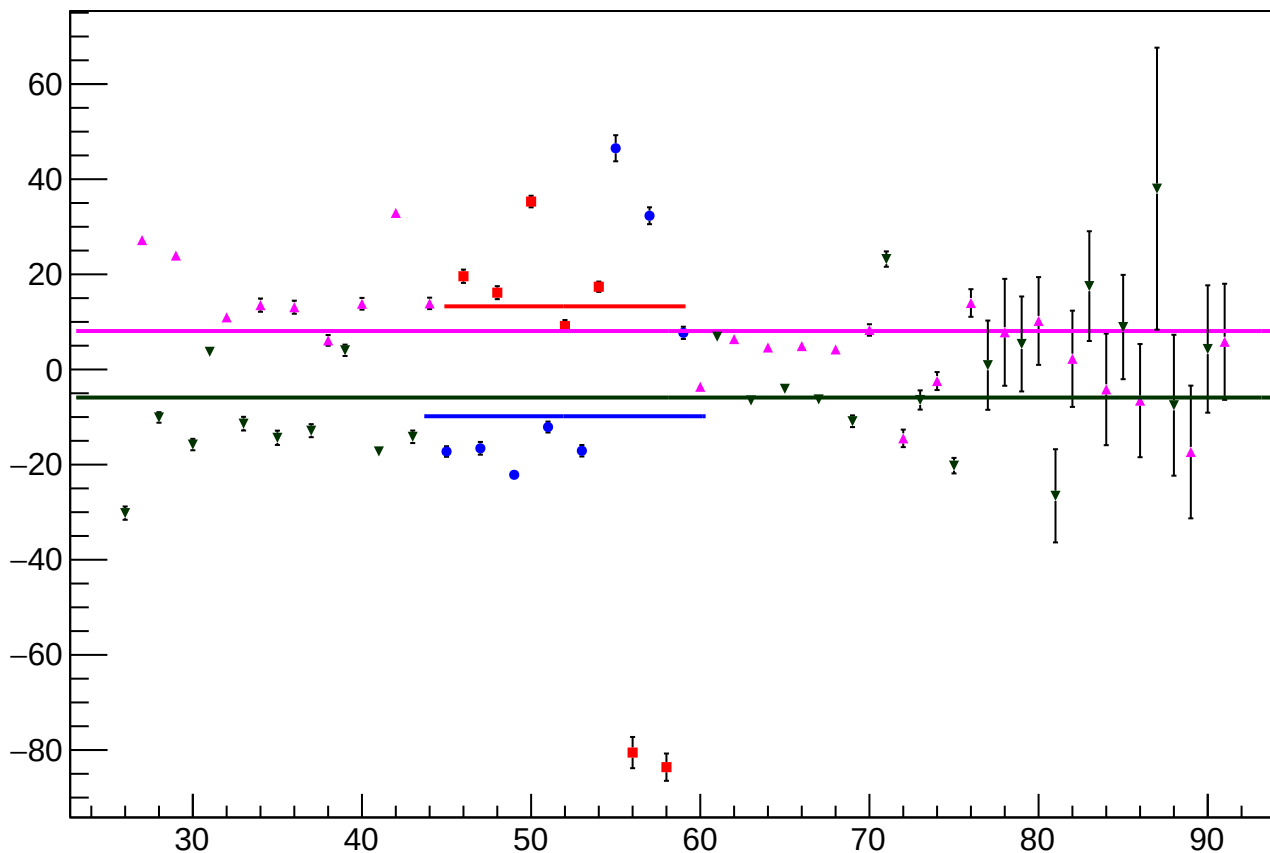
Left Out: 8.109 ± 0.172 $\chi^2/\text{NDF}: 8085.6/25$

Right Out: -93.971 ± 0.708 $\chi^2/\text{NDF}: 868.6/6$

Left In: -9.893 ± 0.158 $\chi^2/\text{NDF}: 8510.3/24$

-0.384 ± 0.112 $\chi^2/\text{NDF}: 67580.2/65$

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -9.834+/-0.443 χ^2/NDF : 1468.3/7

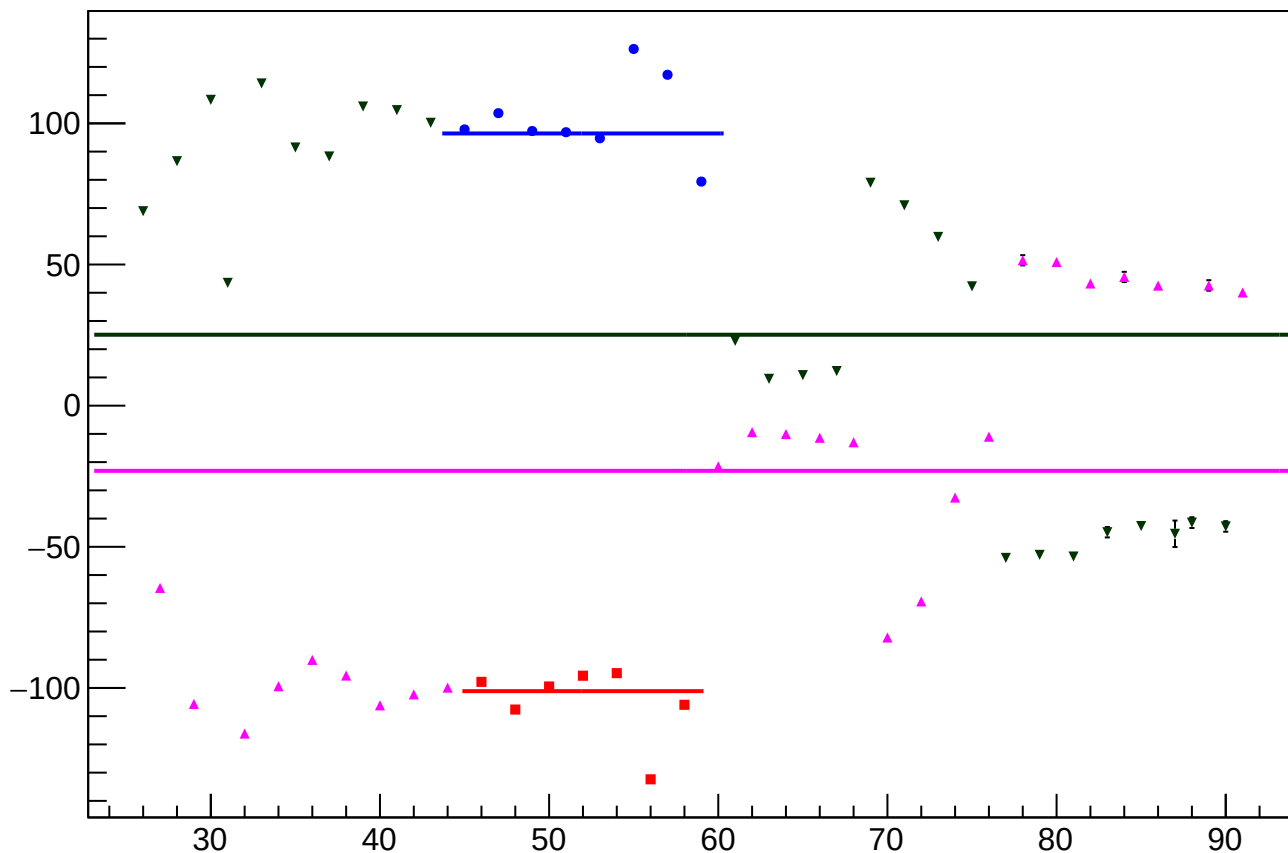
Left Out: -5.899+/-0.192 χ^2/NDF : 1612.7/25

Right Out: 13.273+/-0.540 χ^2/NDF : 2333.7/6

Left In: 8.084+/-0.176 χ^2/NDF : 2762.0/24

1.403+/-0.121 χ^2/NDF : 12184.3/65

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 96.429 $\pm$ 0.096 χ^2 /NDF: 15042.6/7

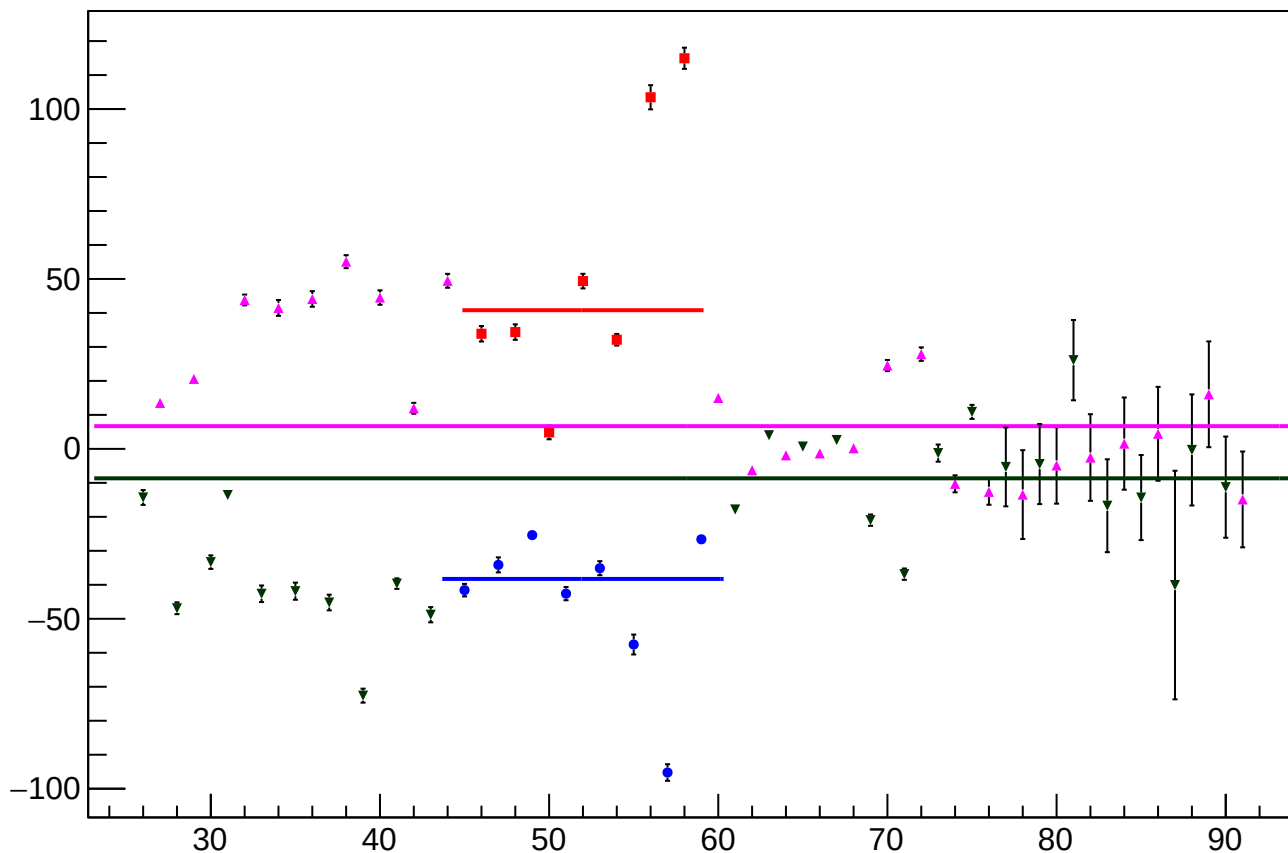
Left Out: 25.129 $\pm$ 0.028 χ^2 /NDF:1017448.4/25

0.284 $\pm$ 0.019 χ^2 /NDF: 5568576.6/65

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

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.270 ± 0.661 χ^2/NDF : 752.4/7

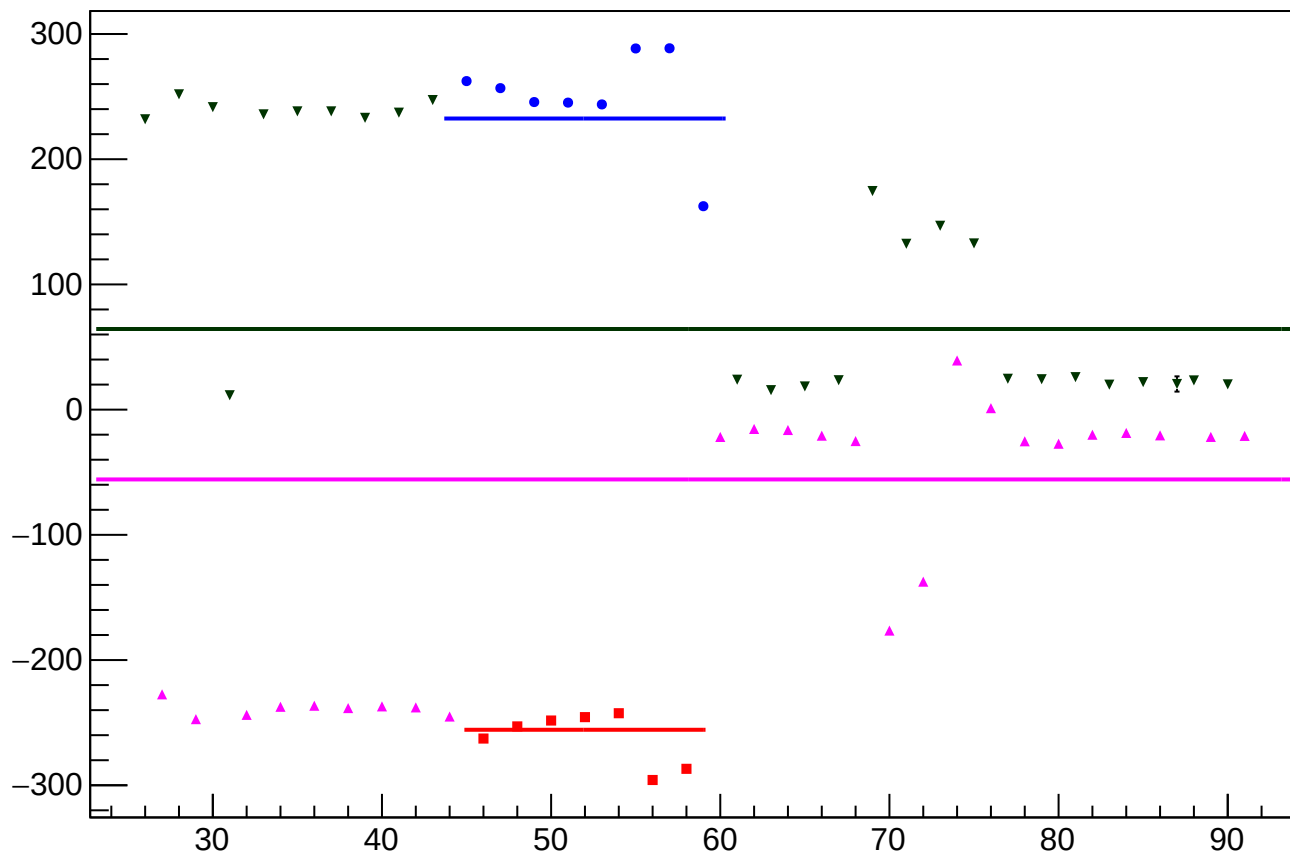
Left Out: -8.665 ± 0.265 χ^2/NDF : 4669.2/25

Right Out: 40.807 ± 0.854 χ^2/NDF : 1253.3/6

Left In: 6.682 ± 0.243 χ^2/NDF : 4040.6/24

-1.182 ± 0.169 χ^2/NDF : 18125.6/65

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 232.502 $\pm$ 0.127 χ^2 /NDF: 112791.4/7

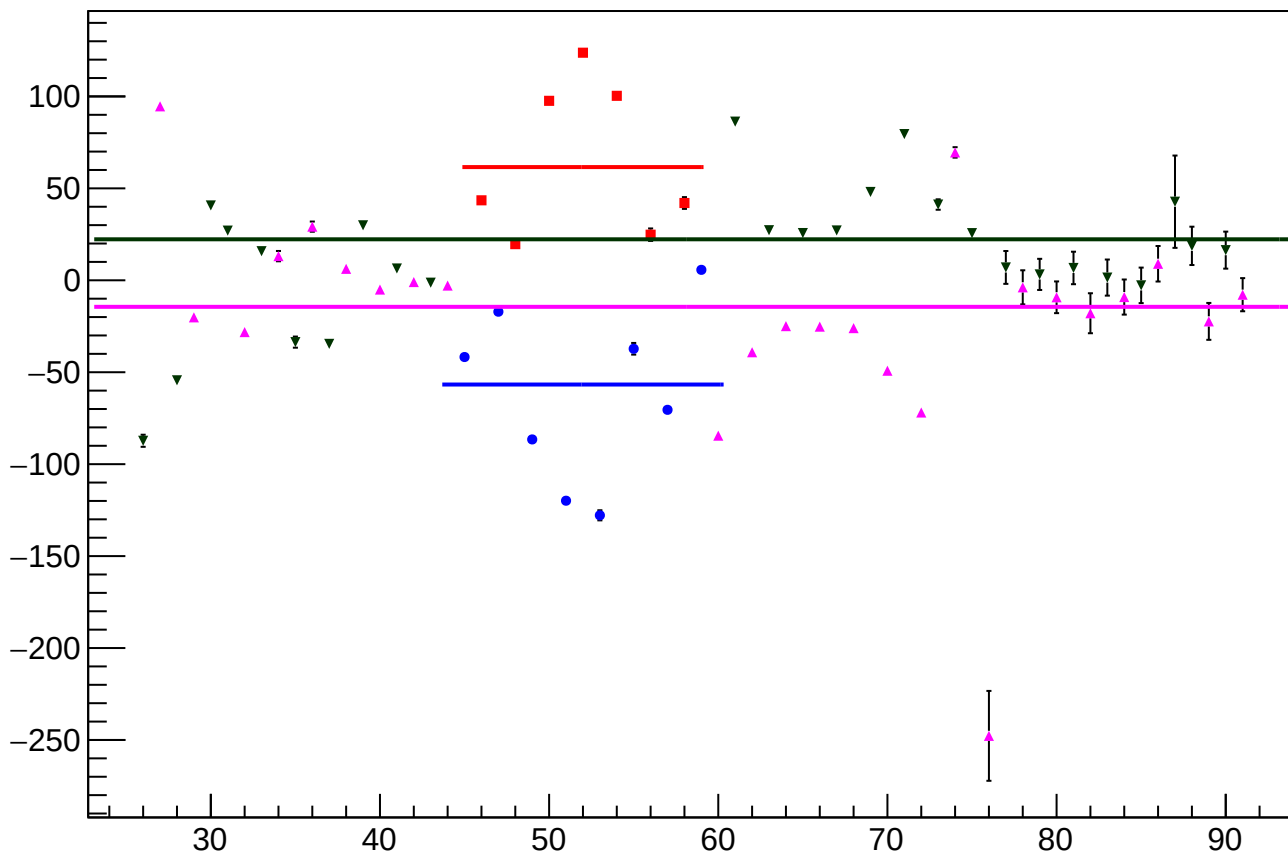
Left Out: 64.400 $\pm$ 0.048 χ^2 /NDF: 2939006.6/25

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

4.901 $\pm$ 0.031 χ^2 /NDF: 15496897.1/65

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -56.688 ± 0.747 χ^2/NDF : 3141.9/7

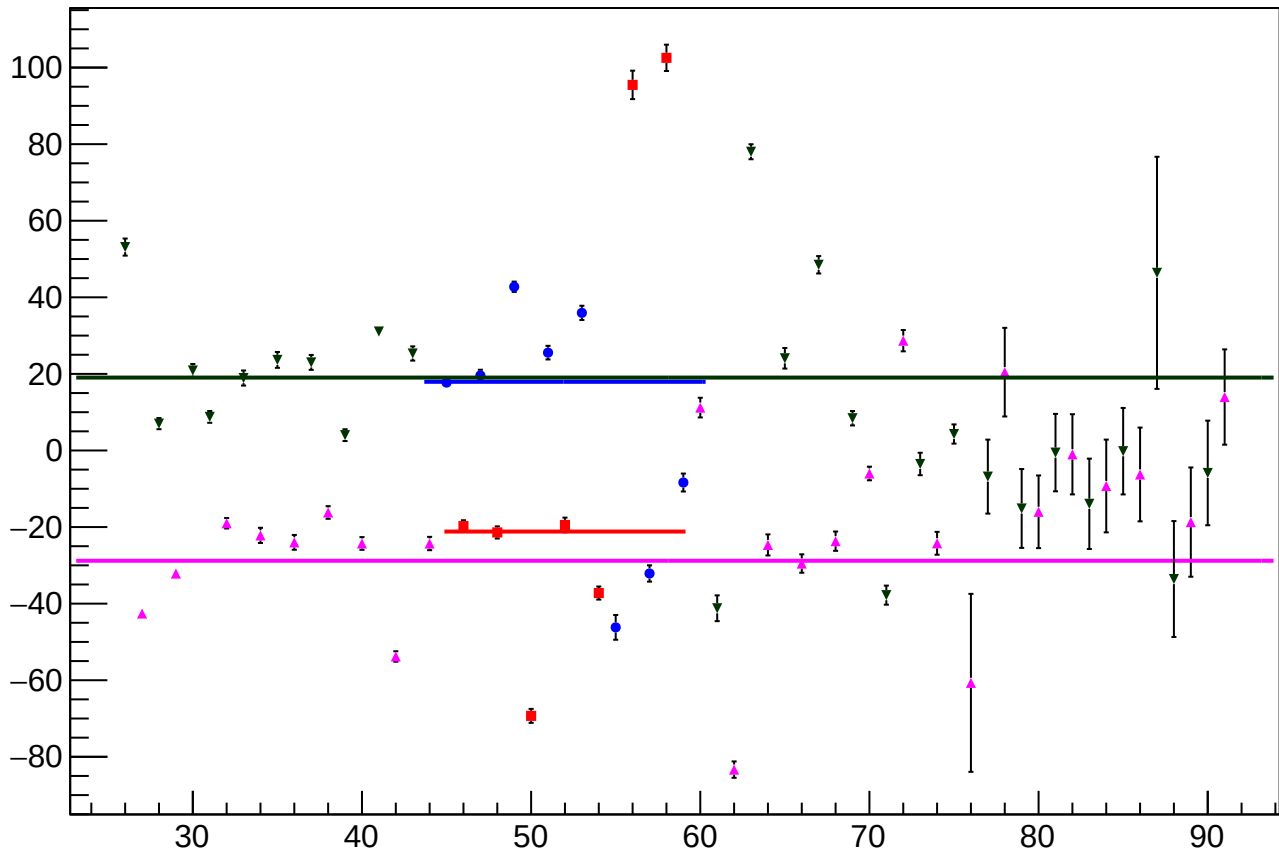
Left Out: 22.296 ± 0.487 χ^2/NDF : 5880.2/25

Right Out: 61.572 ± 0.928 χ^2/NDF : 1701.4/6

Left In: -14.430 ± 0.472 χ^2/NDF : 7987.7/24

-0.090 ± 0.293 χ^2/NDF : 31895.2/65

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.934+/-0.602 χ^2/NDF : 1524.5/7

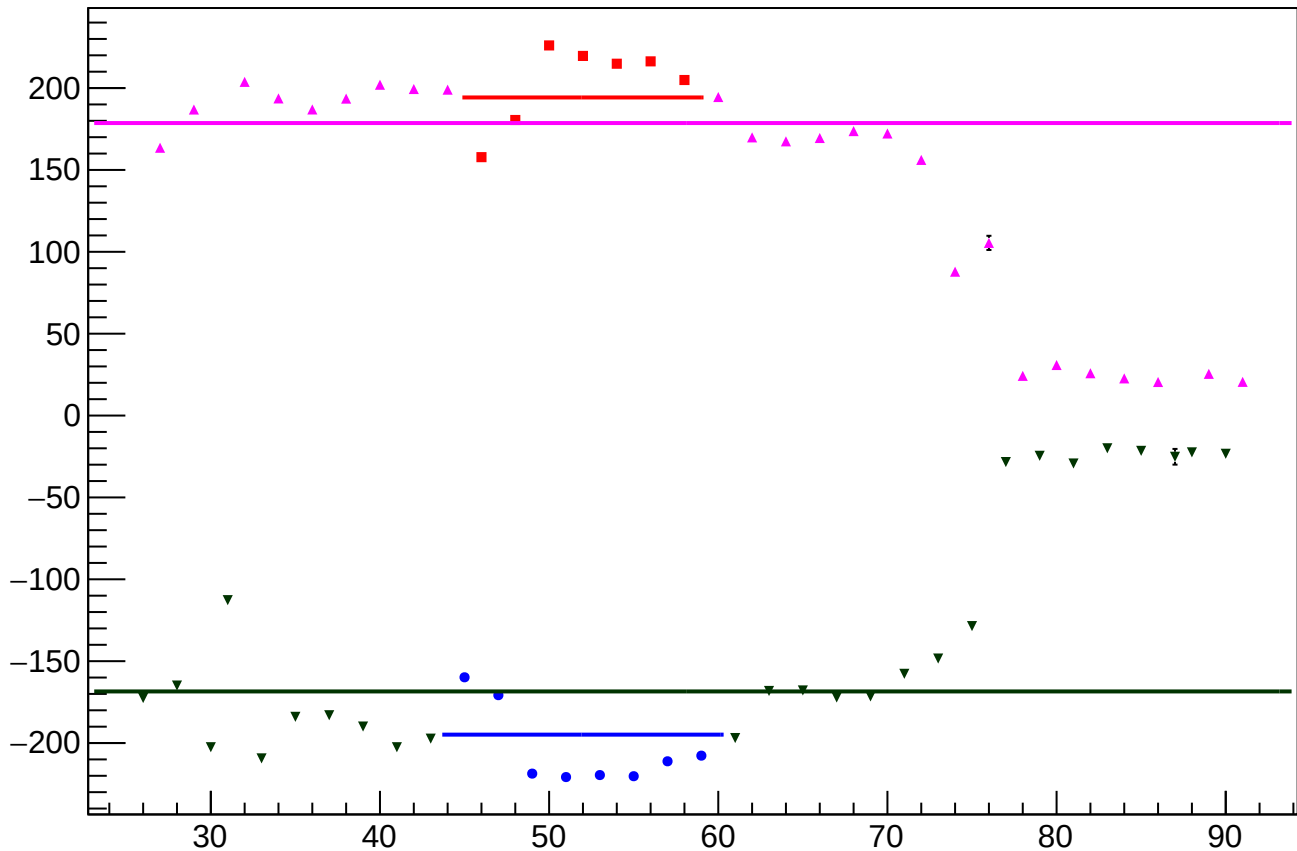
Left Out: 19.038+/-0.449 χ^2/NDF : 2640.3/25

Right Out: -21.176+/-0.726 χ^2/NDF : 3063.5/6

Left In: -28.803+/-0.417 χ^2/NDF : 2183.5/24

-4.046+/-0.255 χ^2/NDF : 17471.3/65

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -194.868+/-0.132 χ^2/NDF : 38095.2/7

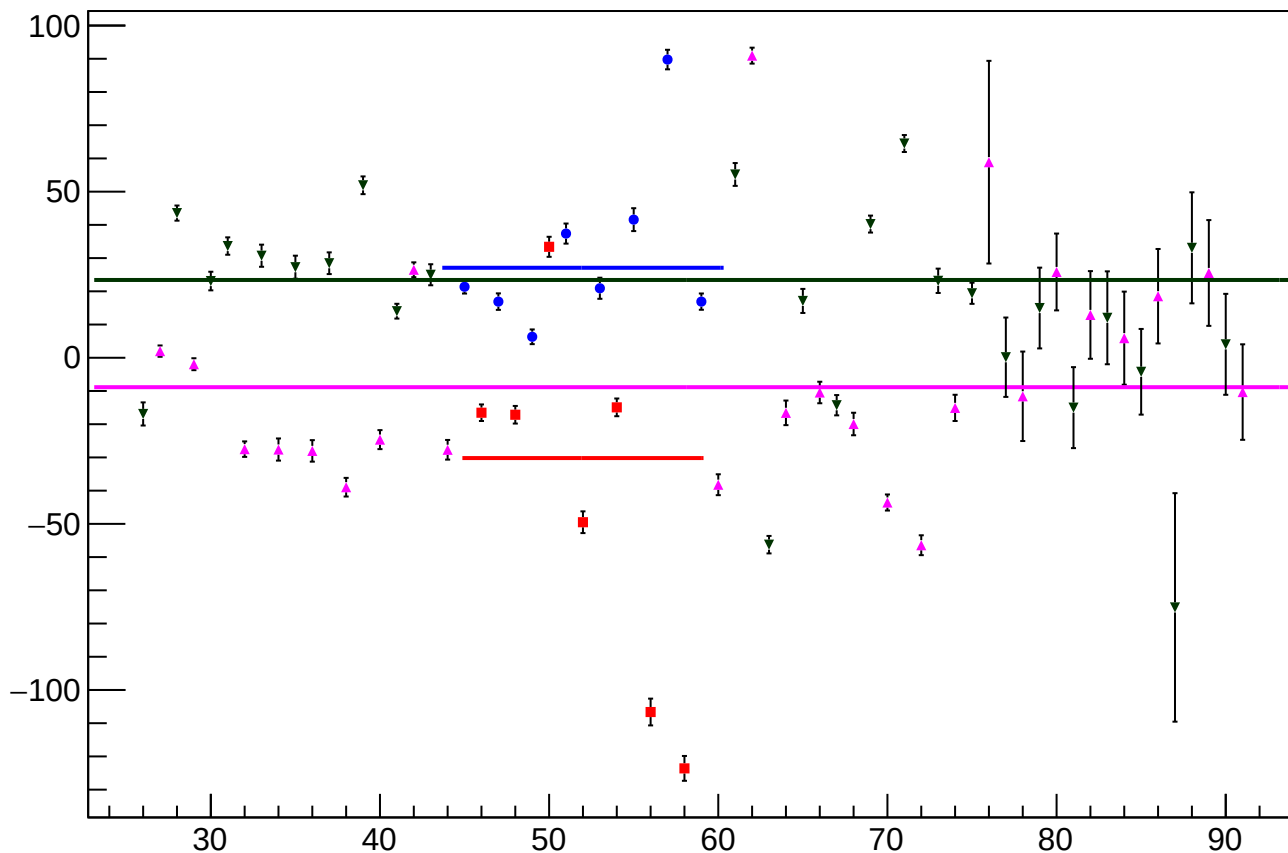
Left Out: -168.481+/-0.083 χ^2/NDF : 151618.3/25

Right Out: 194.262+/-0.158 χ^2/NDF : 27076.8/6

Left In: 178.636+/-0.083 χ^2/NDF : 103680.3/24

-3.739+/-0.051 χ^2/NDF : 12793783.5/65

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 27.091 $\pm$ 0.920 χ^2 /NDF: 616.3/7

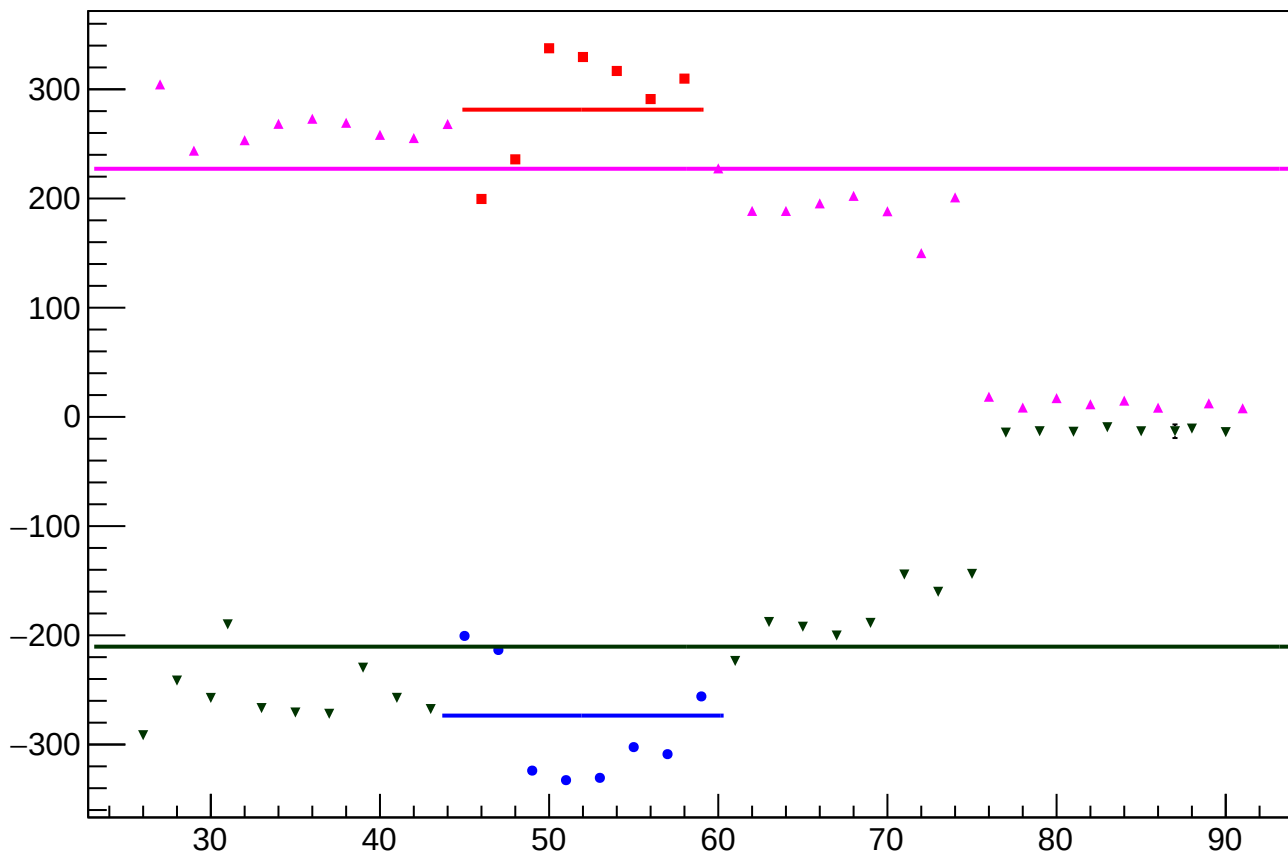
Left Out: 23.416 $\pm$ 0.676 χ^2 /NDF: 1859.4/25

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

5.642 $\pm$ 0.388 χ^2 /NDF: 9736.5/65

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -273.515+/-0.178 χ^2/NDF : 88041.0/7

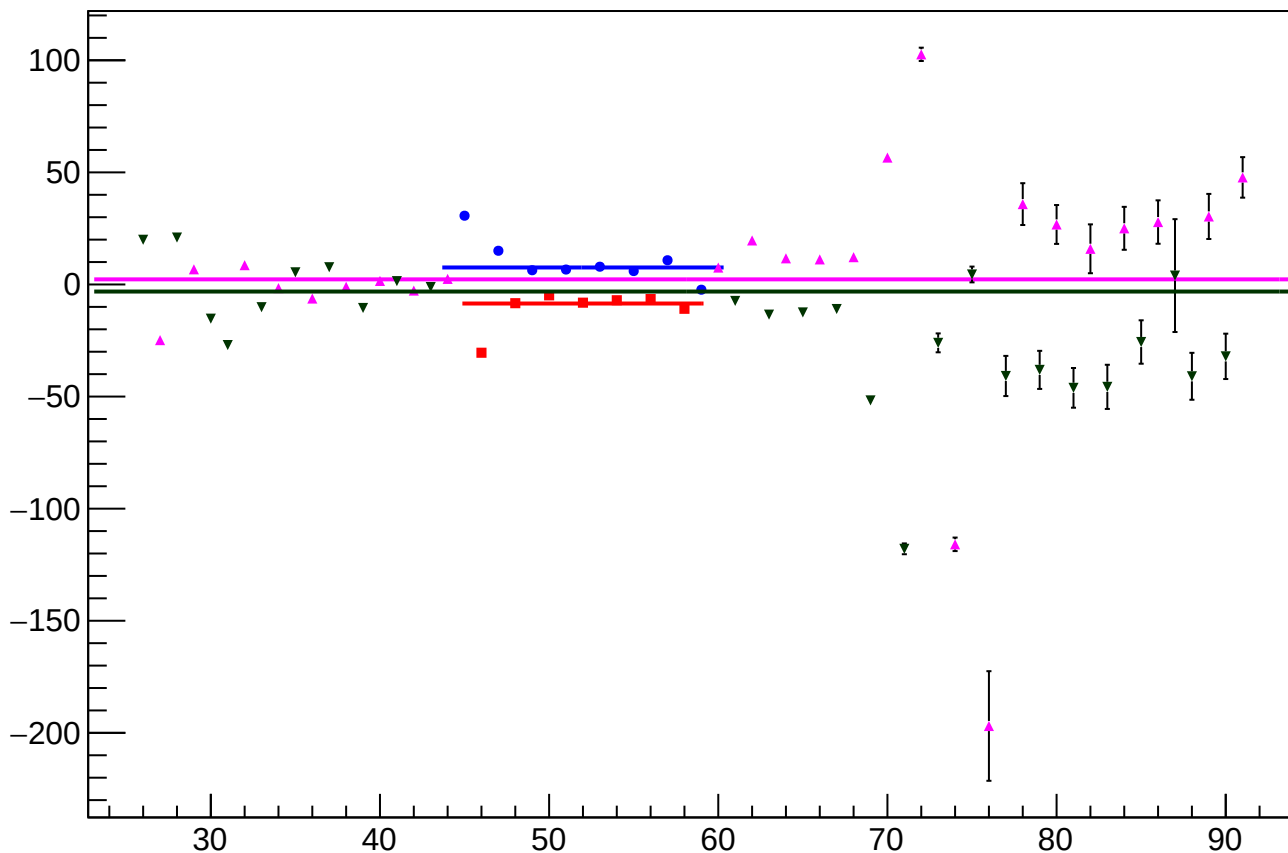
Left Out: -210.384+/-0.119 χ^2/NDF : 208722.3/25

Right Out: 281.352+/-0.215 χ^2/NDF : 59692.9/6

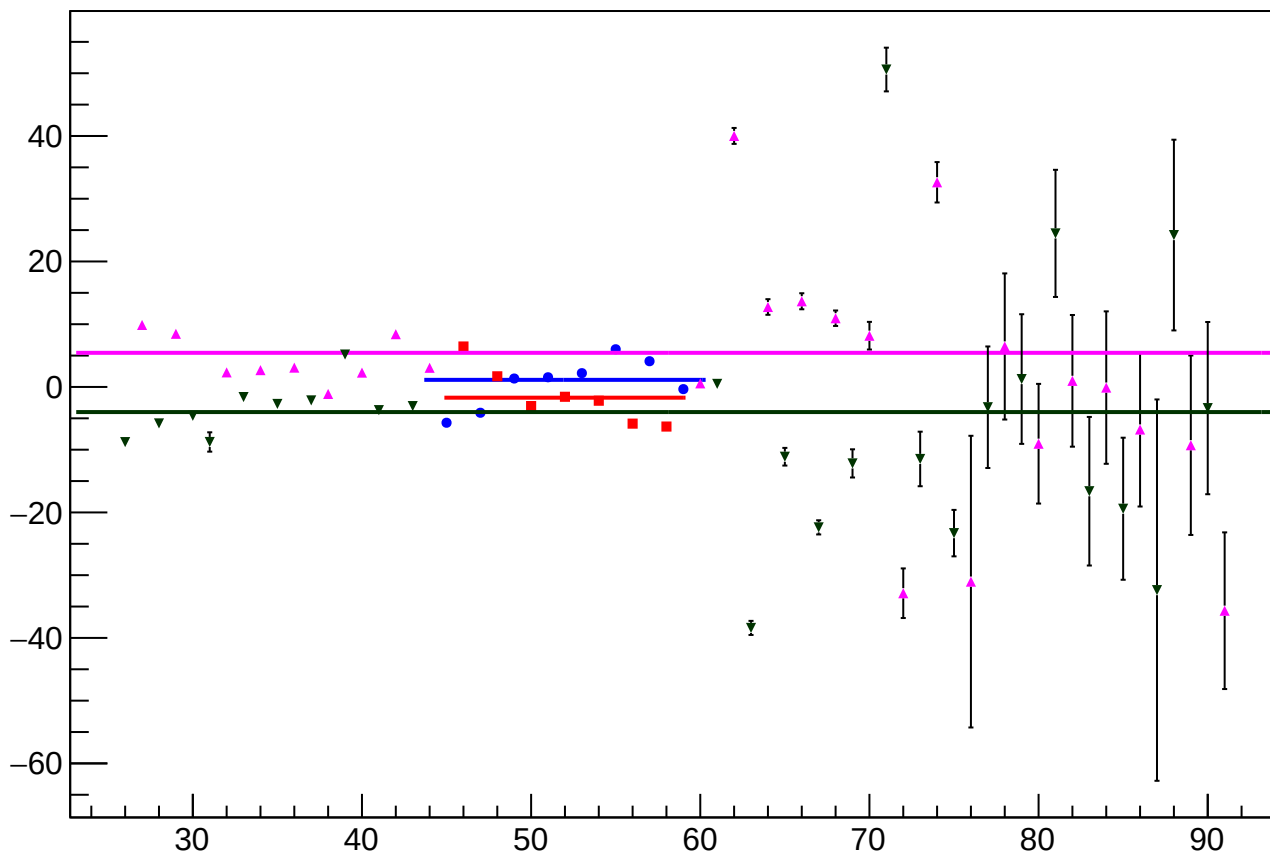
Left In: 227.222+/-0.122 χ^2/NDF : 174336.1/24

-12.036+/-0.072 χ^2/NDF : 11171482.7/65

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 1.131 ± 0.130 $\chi^2/\text{NDF}: 414.5/7$

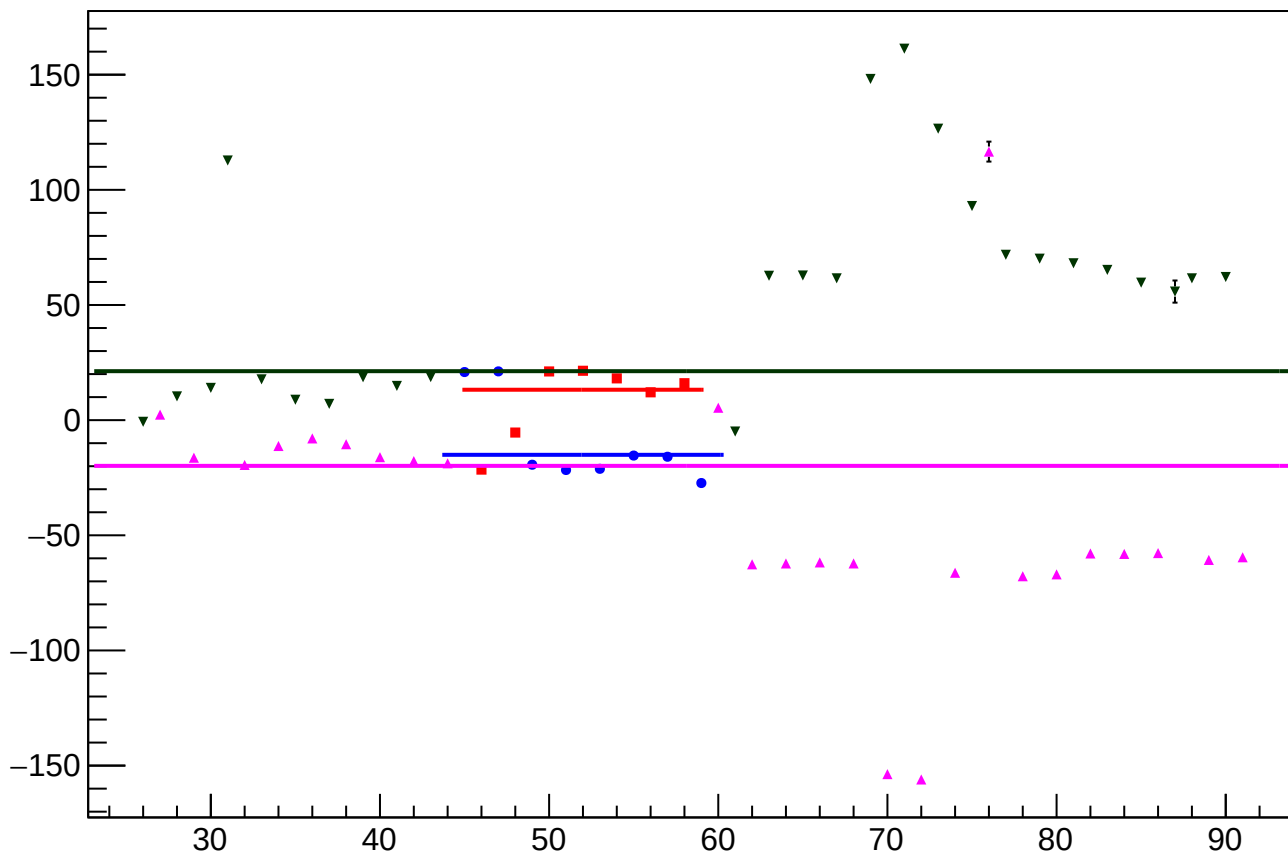
Left Out: -4.003 ± 0.154 $\chi^2/\text{NDF}: 2077.8/25$

Right Out: -1.710 ± 0.152 $\chi^2/\text{NDF}: 329.5/6$

Left In: 5.440 ± 0.134 $\chi^2/\text{NDF}: 1787.2/24$

0.648 ± 0.071 $\chi^2/\text{NDF}: 7056.8/65$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -15.055 ± 0.029 χ^2/NDF : 241120.3/7

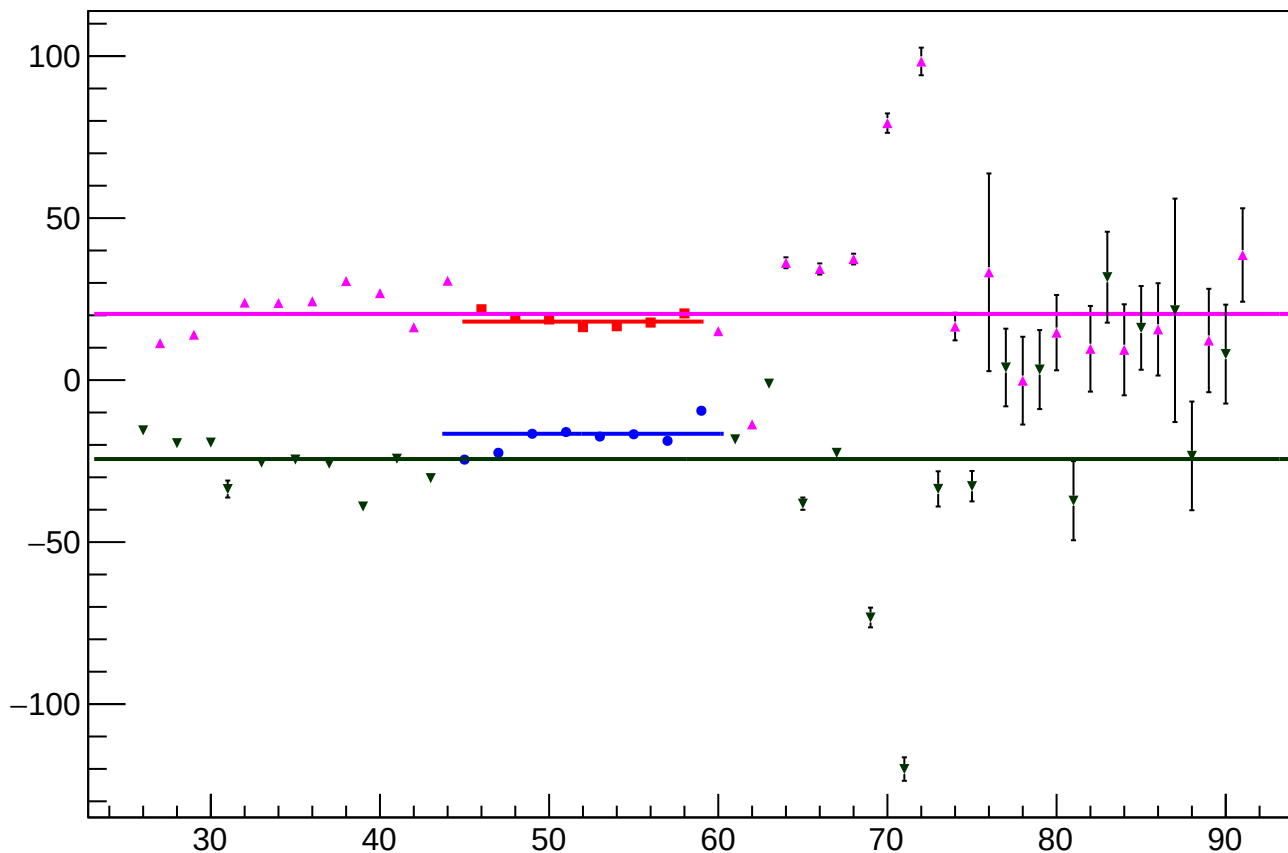
Left Out: 21.263 ± 0.032 χ^2/NDF : 744539.5/25

Right Out: 13.205 ± 0.034 χ^2/NDF : 134303.5/6

Left In: -19.847 ± 0.029 χ^2/NDF : 652078.5/24

-2.234 ± 0.015 χ^2/NDF : 3092349.8/65

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -16.565 ± 0.197 $\chi^2/\text{NDF}: 339.0/7$

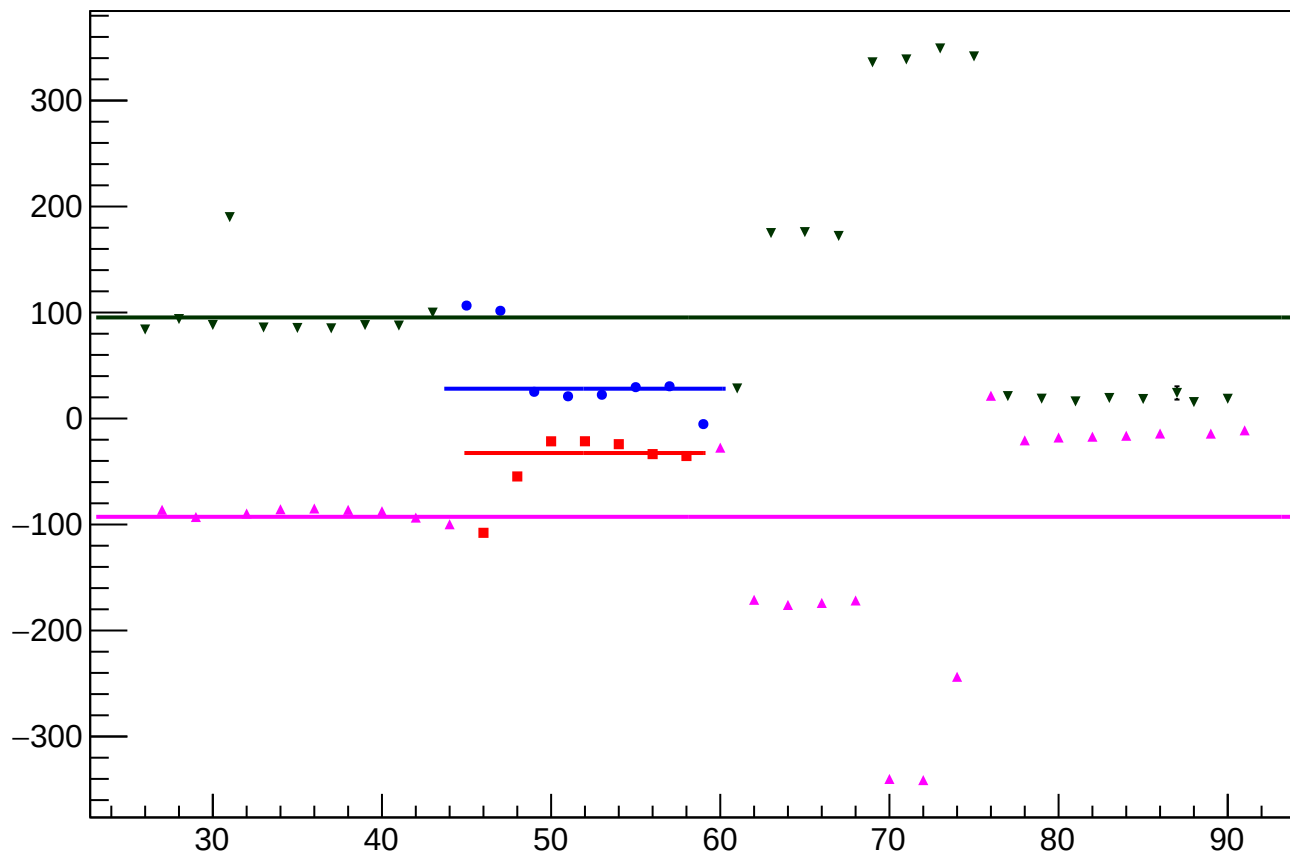
Left Out: -24.362 ± 0.245 $\chi^2/\text{NDF}: 1917.2/25$

Right Out: 18.057 ± 0.236 $\chi^2/\text{NDF}: 48.9/6$

Left In: 20.424 ± 0.213 $\chi^2/\text{NDF}: 2507.0/24$

-0.710 ± 0.110 $\chi^2/\text{NDF}: 36681.4/65$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 28.130 $\pm$ 0.038 χ^2 /NDF: 519134.3/7

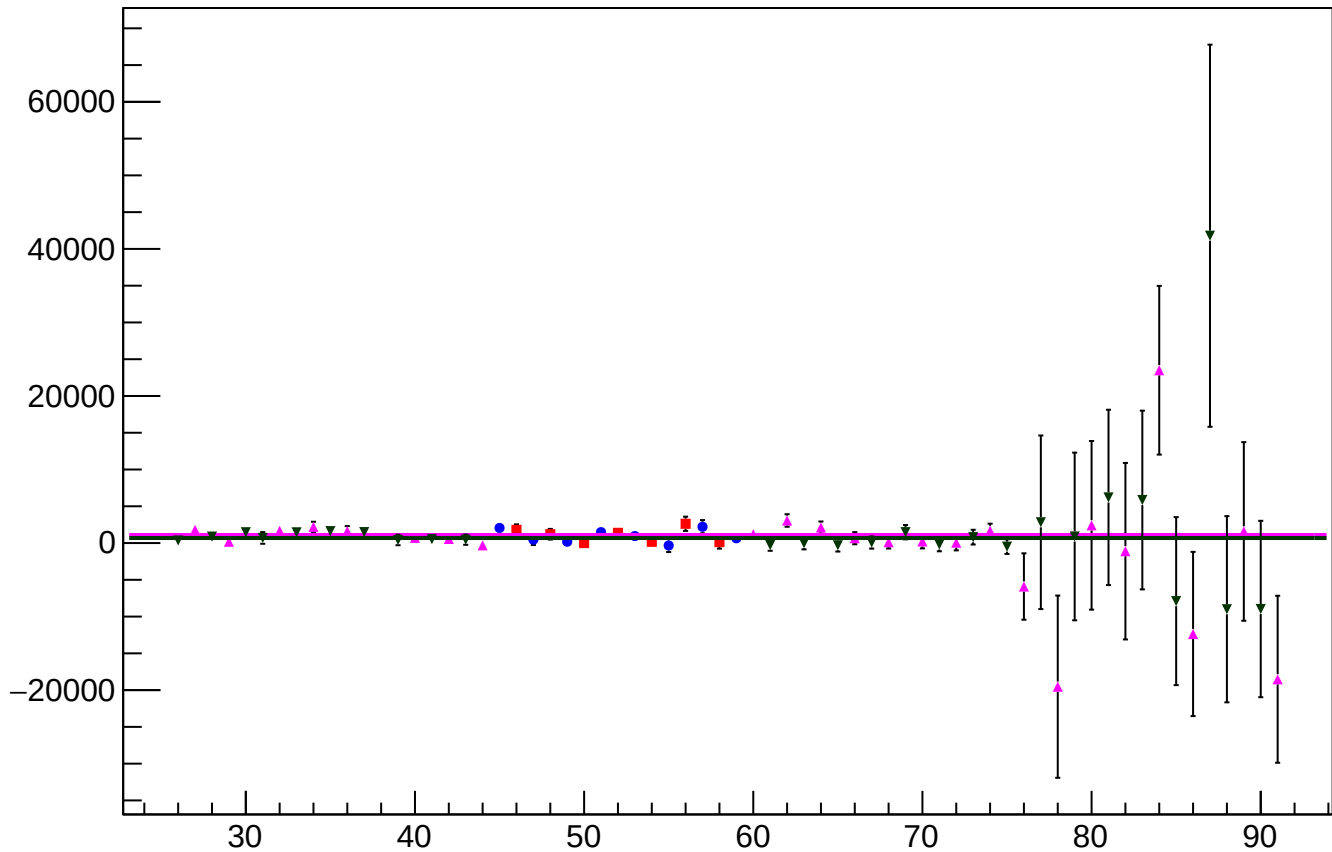
Left Out: 95.355 $\pm$ 0.045 χ^2 /NDF: 1119847.9/25

Right Out: -32.541 $\pm$ 0.044 χ^2 /NDF: 209266.4/6

Left In: -92.742 $\pm$ 0.043 χ^2 /NDF: 1021685.8/24

0.196 $\pm$ 0.021 χ^2 /NDF: 13094901.6/65

reg_asym_atl1_mean vs slug



Right In: 881.432+/-225.216 χ^2/NDF : 11.0/7

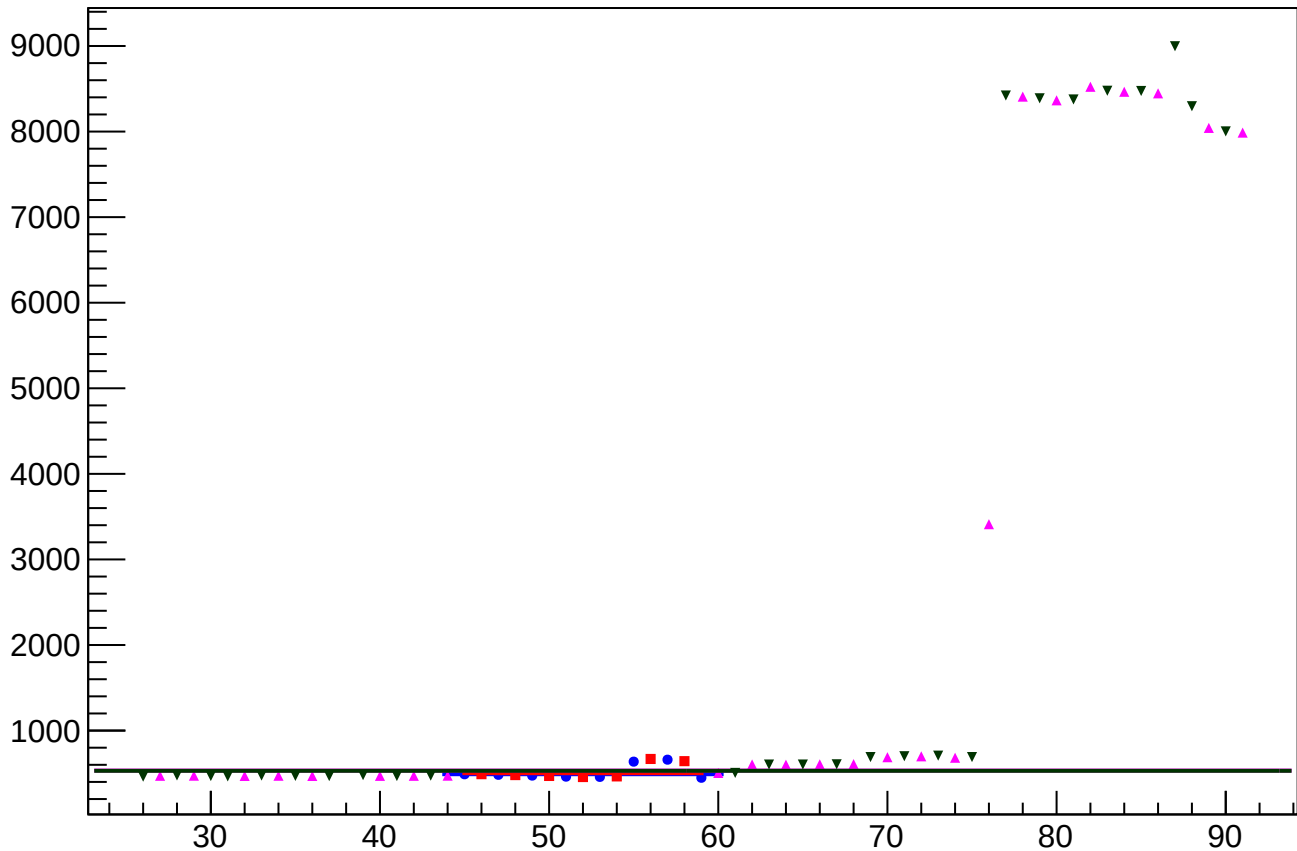
Left Out: 682.107+/-173.126 χ^2/NDF : 18.8/25

Right Out: 912.209+/-271.696 χ^2/NDF : 9.4/6

Left In: 1095.774+/-172.708 χ^2/NDF : 39.1/23

890.943+/-99.924 χ^2/NDF : 81.2/64

reg_asym_atl1_rms vs slug



Right In: 490.243+/-0.159 χ^2/NDF : 148723.0/7

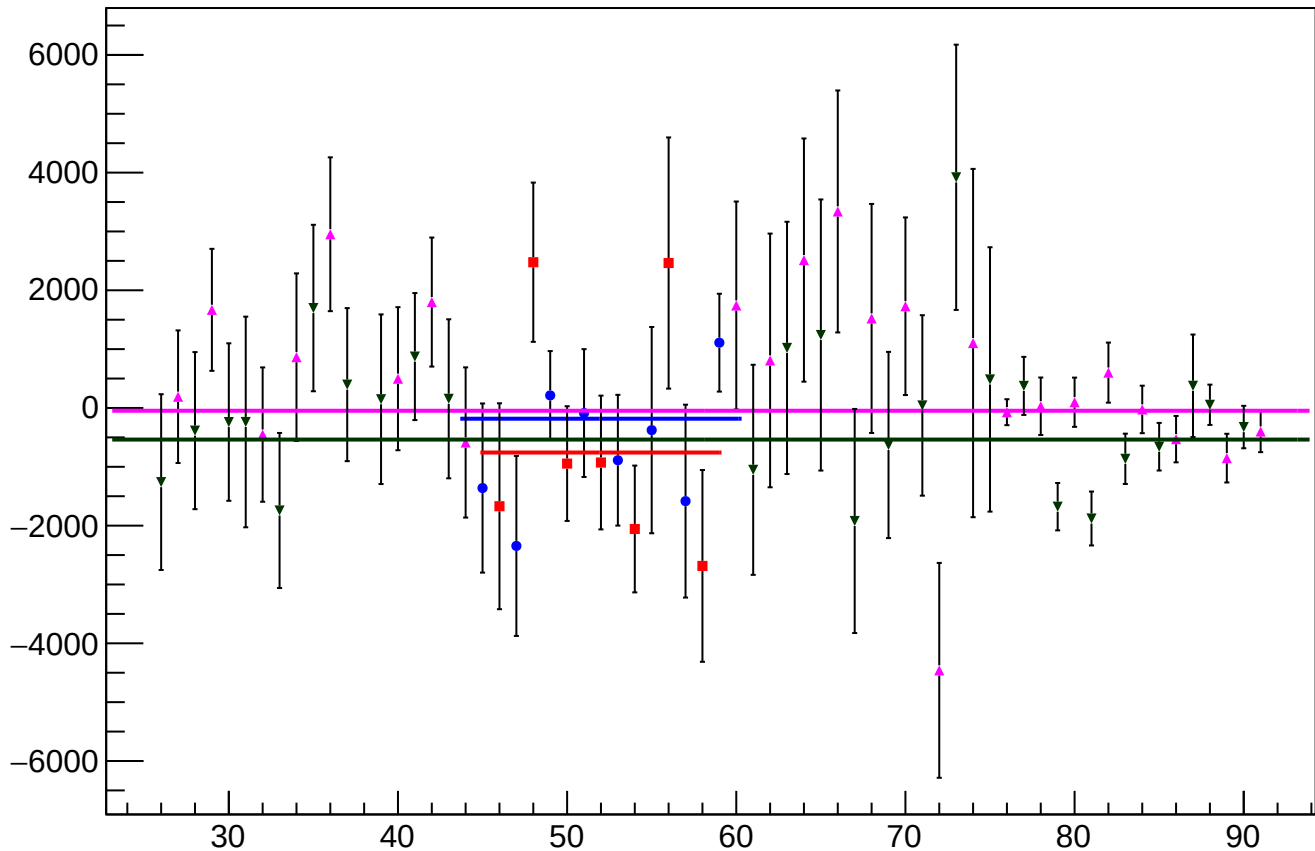
Left Out: 529.960+/-0.122 χ^2/NDF : 6722906.3/25

Right Out: 502.358+/-0.192 χ^2/NDF : 134302.1/6

Left In: 532.832+/-0.122 χ^2/NDF : 7410899.4/23

519.370+/-0.071 χ^2/NDF : 14477758.1/64

asym_atl1_correction_mean vs slug



Right In: -182.724+/-392.950 χ^2/NDF : 6.5/7

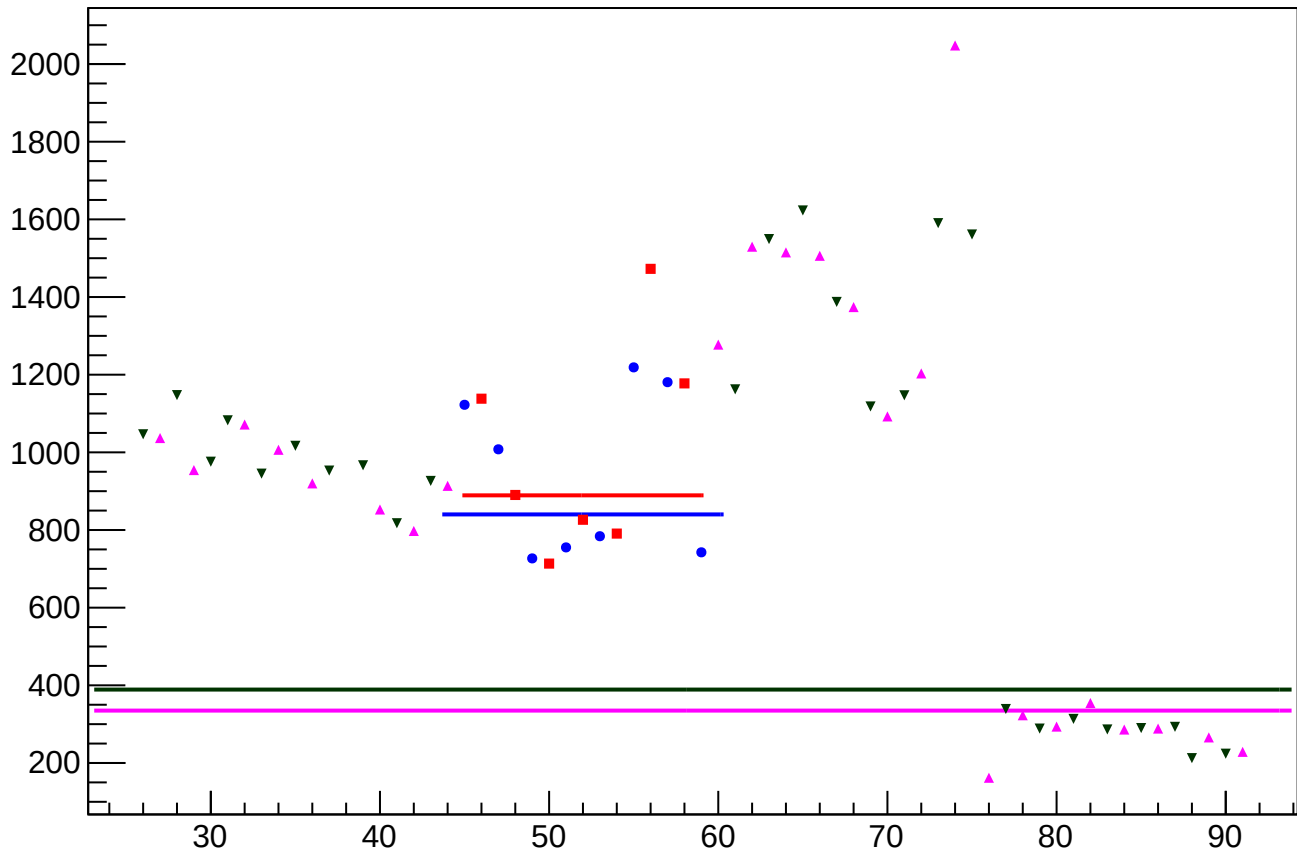
Left Out: -537.005+/-138.922 χ^2/NDF : 37.5/25

Right Out: -757.174+/-490.532 χ^2/NDF : 11.2/6

Left In: -47.328+/-120.675 χ^2/NDF : 33.3/23

-270.027+/-87.331 χ^2/NDF : 96.6/64

asym_atl1_correction_rms vs slug



Right In: 840.143+/-0.278 χ^2/NDF : 371064.7/7

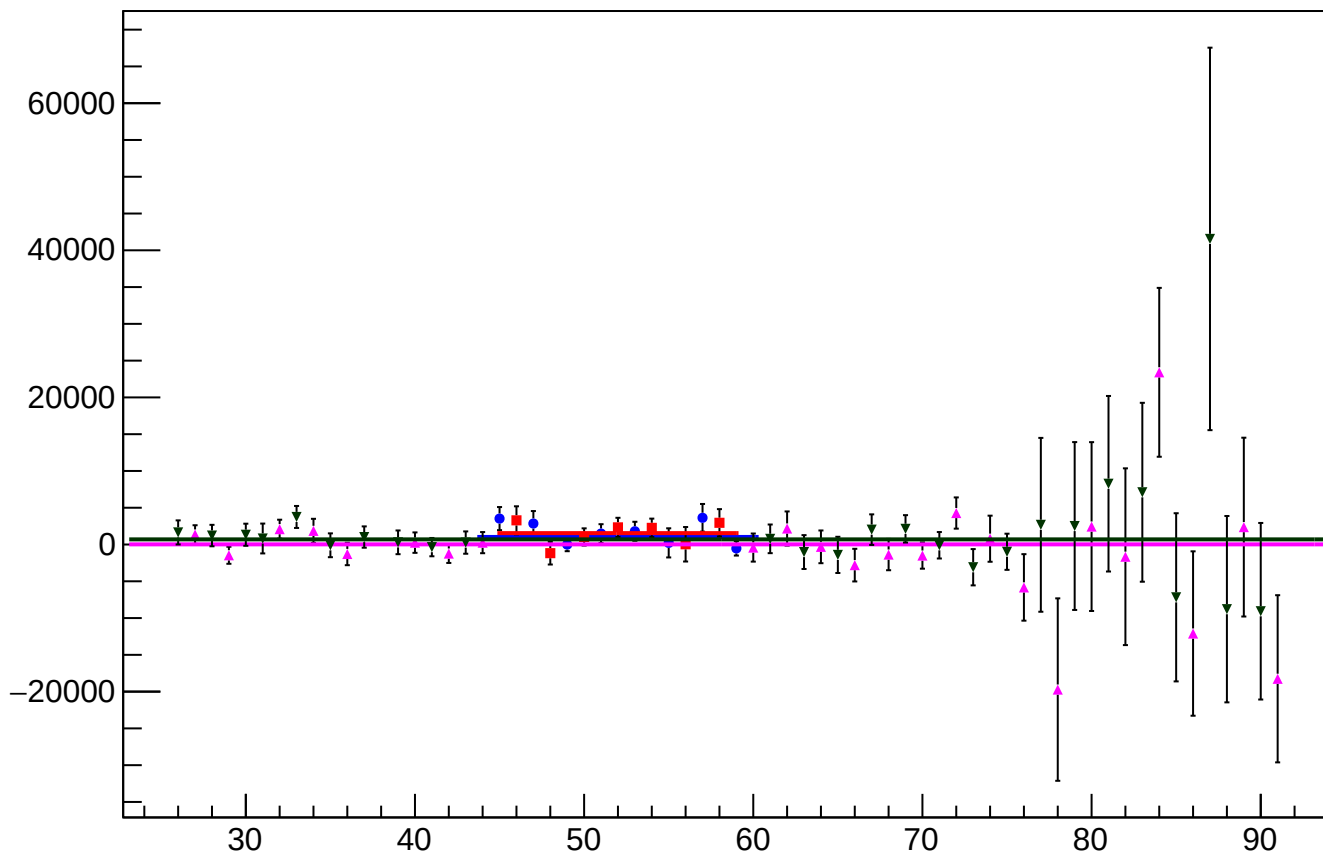
Left Out: 389.055+/-0.098 χ^2/NDF : 9316929.6/25

398.839+/-0.062 χ^2/NDF : 25650452.3/64

Right Out: 889.252+/-0.347 χ^2/NDF : 340280.2/6

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

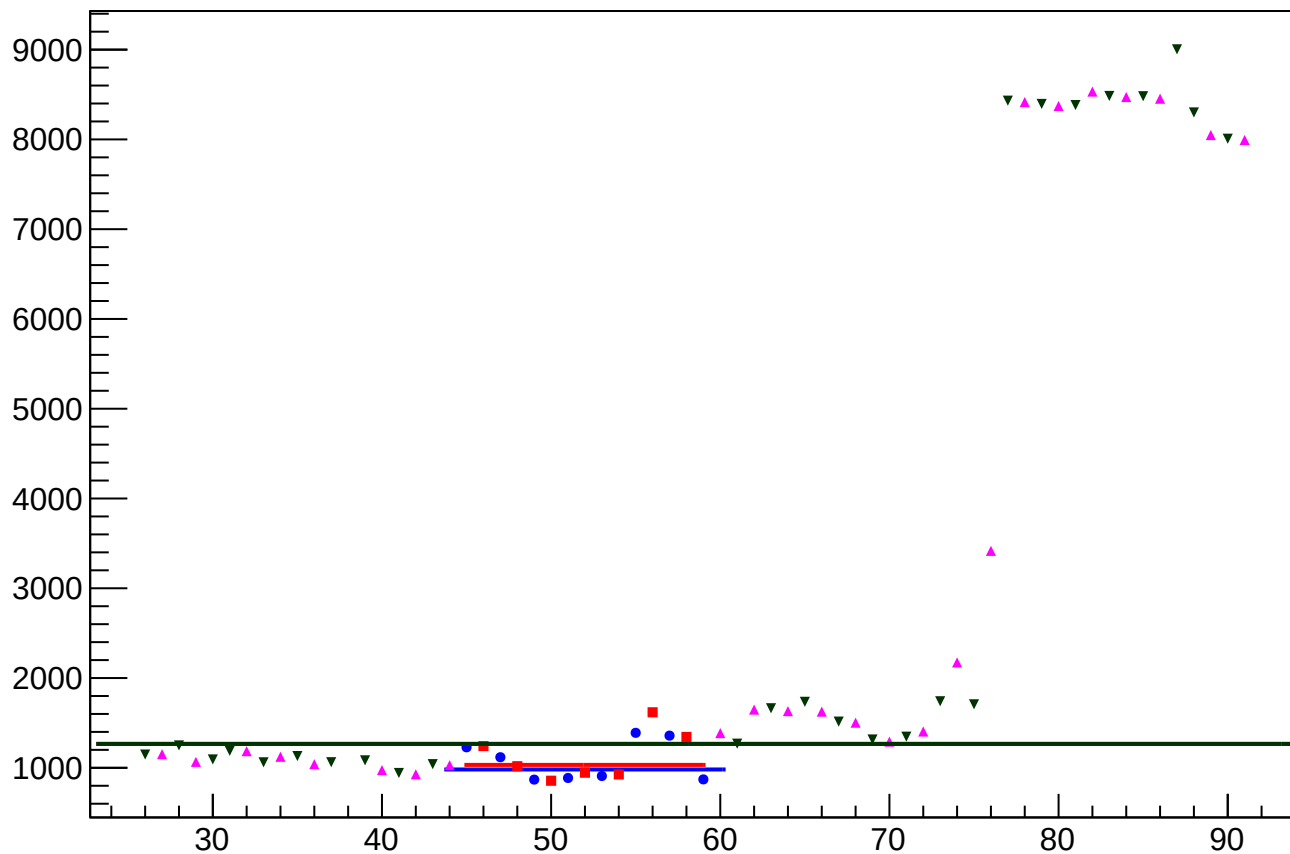
Left Out: 699.130 ± 404.036 χ^2/NDF : 16.2/25

Right Out: 1548.684 ± 565.779 χ^2/NDF : 5.8/6

Left In: 20.074 ± 400.919 χ^2/NDF : 28.4/23

699.493 ± 222.108 χ^2/NDF : 66.2/64

asym_atl1_rms vs slug



Right In: 981.524+/-0.323 χ^2/NDF : 302215.8/7

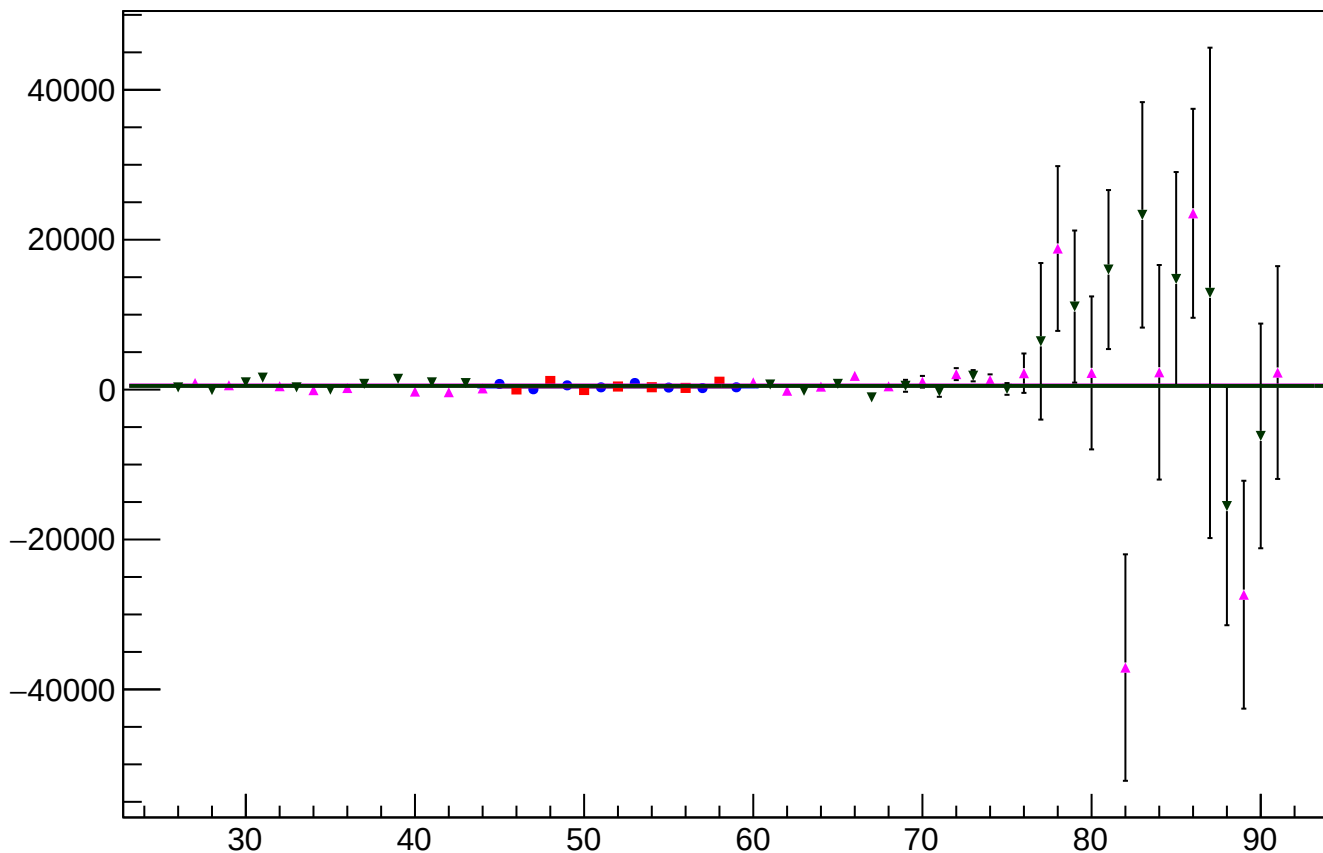
Left Out: 1265.950+/-0.286 χ^2/NDF : 5793999.3/25

Right Out: 1032.562+/-0.400 χ^2/NDF : 274302.9/6

Left In: 1267.348+/-0.283 χ^2/NDF : 6350721.4/23

1163.066+/-0.157 χ^2/NDF : 13409013.6/64

reg_asym_atl2_mean vs slug



Right In: 418.770+/-175.564 χ^2/NDF : 2.0/7

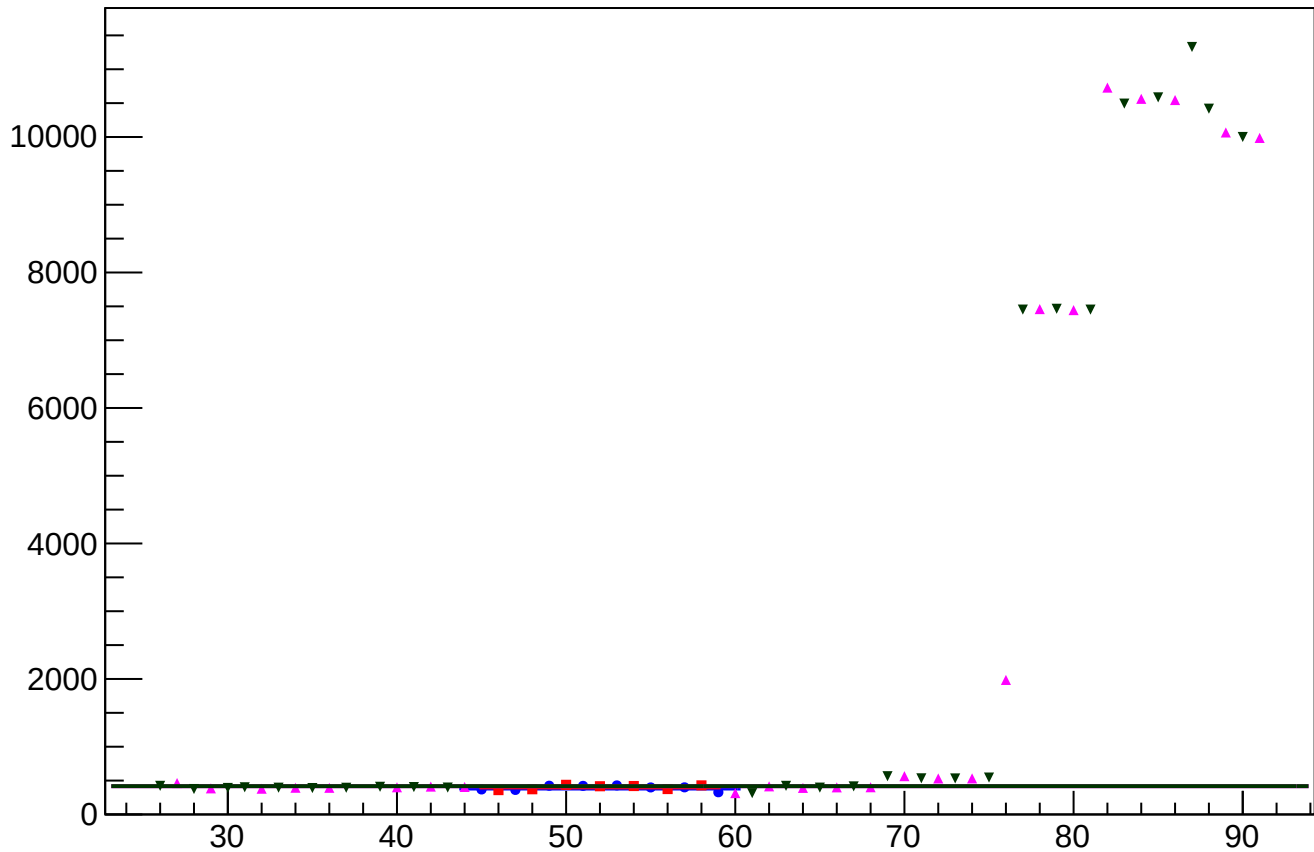
Left Out: 498.172+/-136.728 χ^2/NDF :31.8/25

Right Out: 442.509+/-214.927 χ^2/NDF : 4.1/6

Left In: 547.599+/-135.210 χ^2/NDF :35.5/23

491.533+/-78.499 χ^2/NDF : 73.8/64

reg_asym_atl2_rms vs slug



Right In: 383.159+/-0.124 χ^2/NDF : 90886.8/7

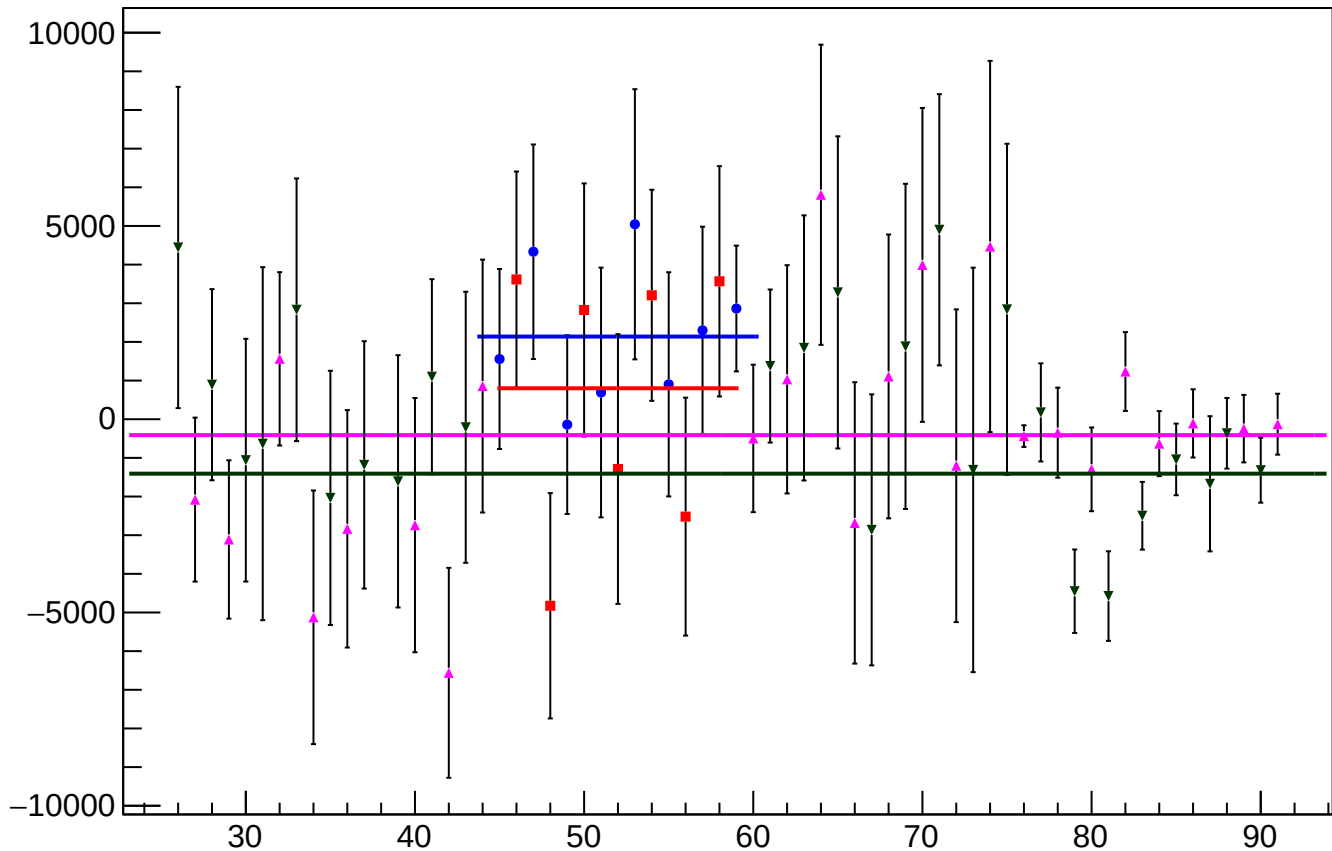
Left Out: 417.889+/-0.097 χ^2/NDF : 6850764.7/25

408.114+/-0.056 χ^2/NDF : 14563717.4/64

Right Out: 399.573+/-0.152 χ^2/NDF : 36647.1/6

Left In: 416.735+/-0.096 χ^2/NDF : 7523500.6/23

asym_atl2_correction_mean vs slug



Right In: 2138.483 $\pm$ 872.008 χ^2 /NDF: 2.9/7

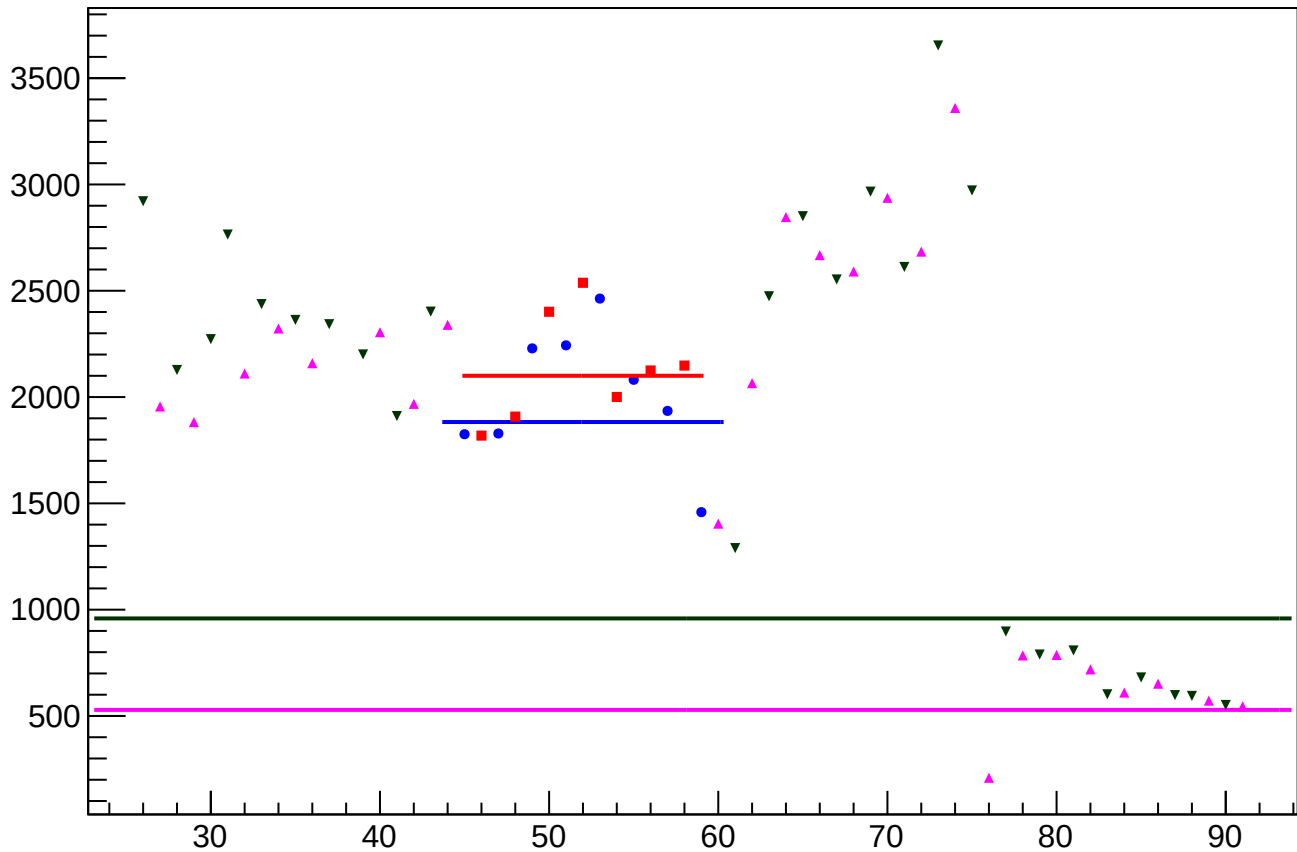
Left Out: -1408.552 $\pm$ 327.425 χ^2 /NDF: 34.8/25

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

-557.944 $\pm$ 170.857 χ^2 /NDF: 85.1/64

asym_atl2_correction_rms vs slug



Right In: 1882.595 $\pm$ 0.617 χ^2 /NDF: 273003.5/7

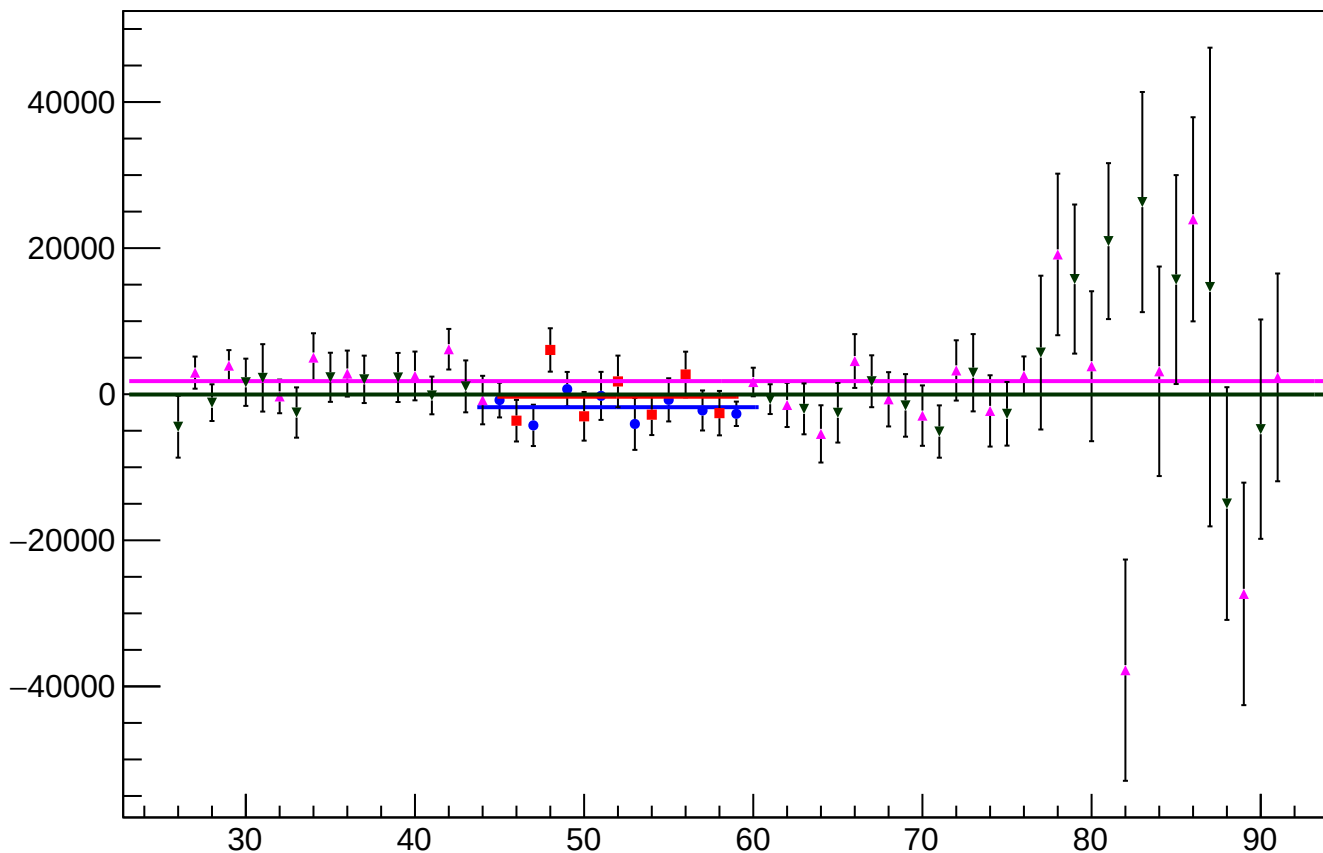
Left Out: 958.759 $\pm$ 0.232 χ^2 /NDF: 8229580.1/25

Right Out: 2100.135 $\pm$ 0.804 χ^2 /NDF: 80645.8/6

Left In: 528.559 $\pm$ 0.148 χ^2 /NDF: 13596631.8/23

733.181 $\pm$ 0.121 χ^2 /NDF: 31408345.7/64

asym_atl2_mean vs slug



Right In: -1775.997 $\pm$ 890.503 χ^2 /NDF: 3.1/7

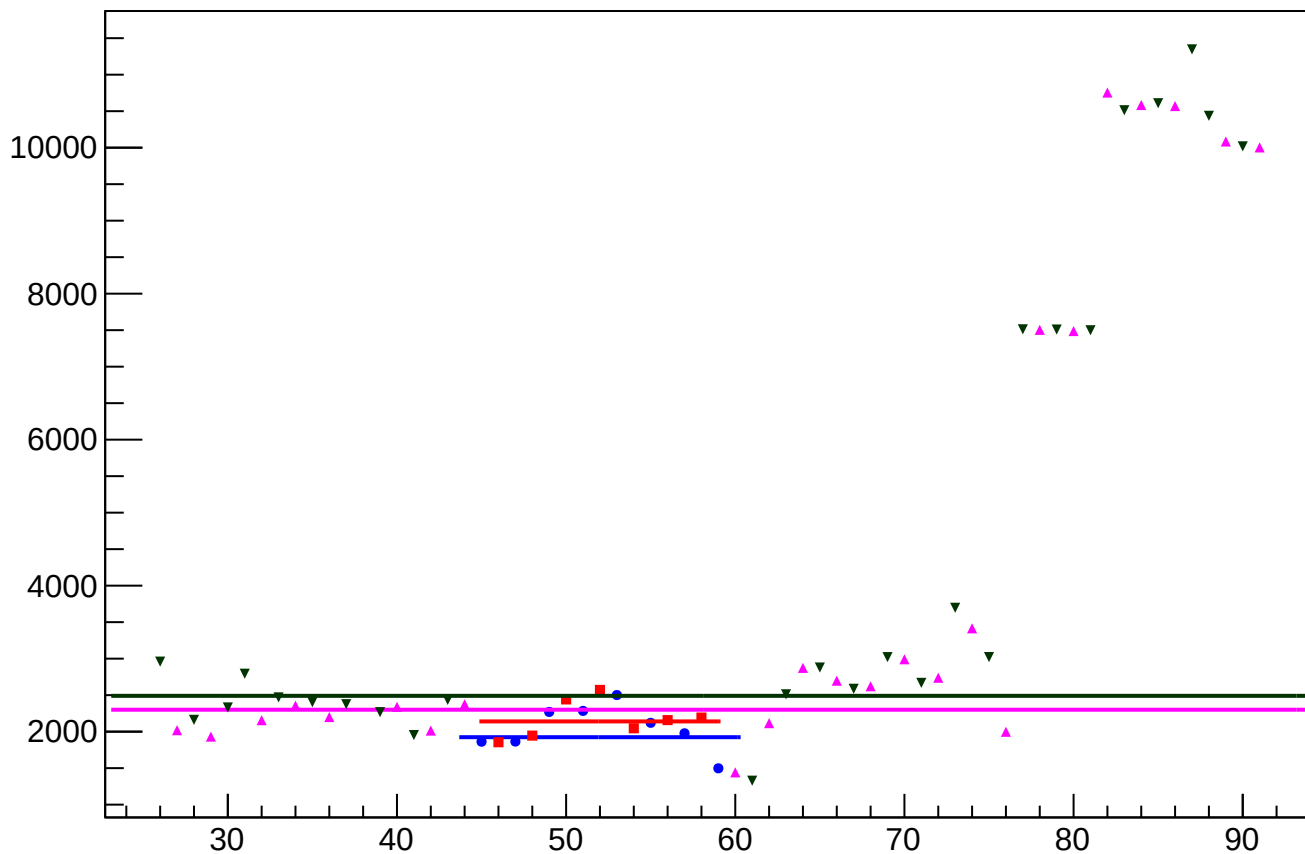
Left Out: -39.774 $\pm$ 773.295 χ^2 /NDF: 19.7/25

Right Out: -343.245 $\pm$ 1157.968 χ^2 /NDF: 9.2/6

Left In: 1793.548 $\pm$ 699.450 χ^2 /NDF: 29.6/23

192.896 $\pm$ 418.007 χ^2 /NDF: 72.0/64

asym_atl2_rms vs slug



Right In: 1923.971+/-0.630 χ^2/NDF : 262484.1/7

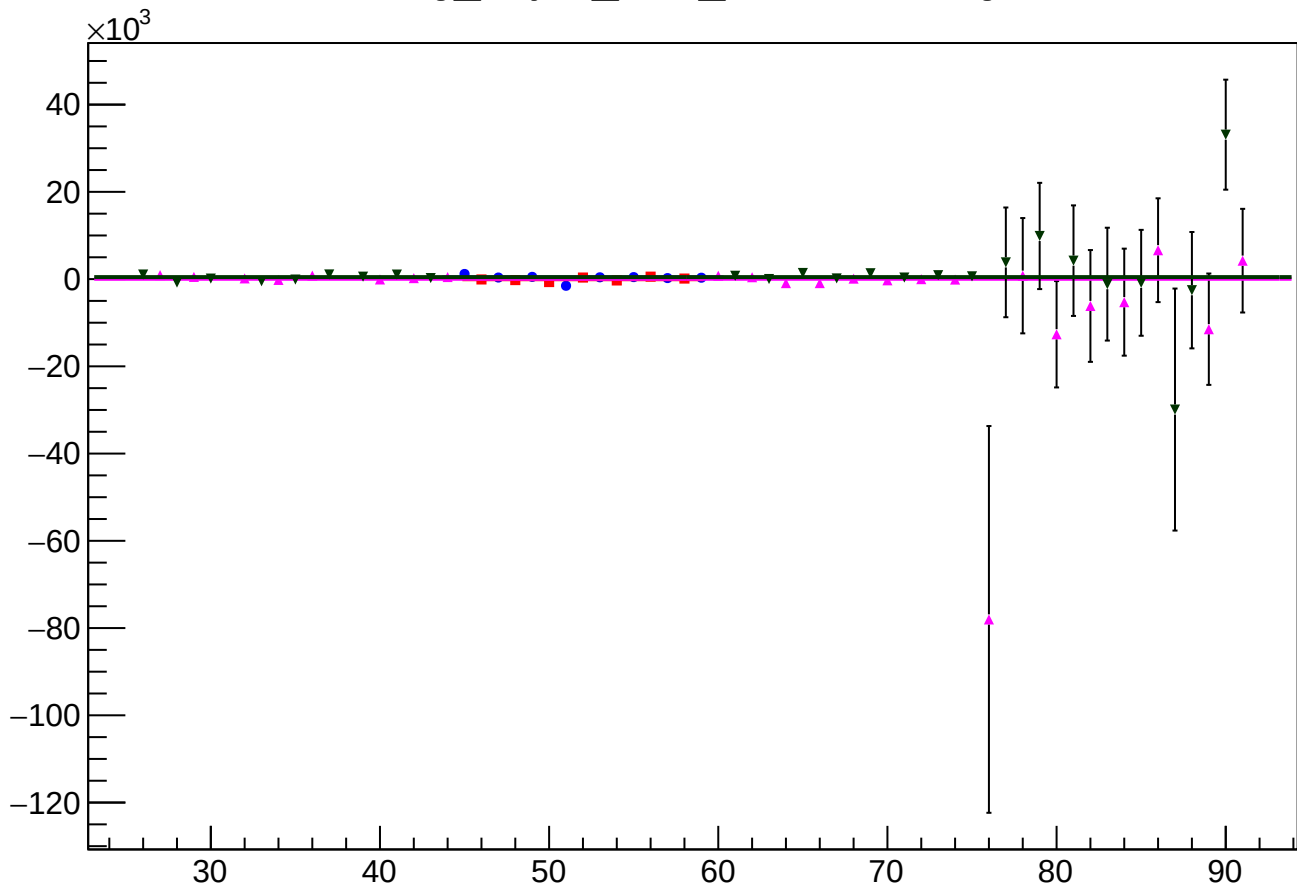
Left Out: 2490.609+/-0.547 χ^2/NDF : 4747720.1/25

Right Out: 2140.141+/-0.819 χ^2/NDF : 77791.2/6

Left In: 2300.330+/-0.495 χ^2/NDF : 4861678.8/23

2252.127+/-0.296 χ^2/NDF : 10439690.0/64

reg_asym_atr1_mean vs slug



Right In: 355.264+/-240.556 χ^2/NDF : 7.4/7

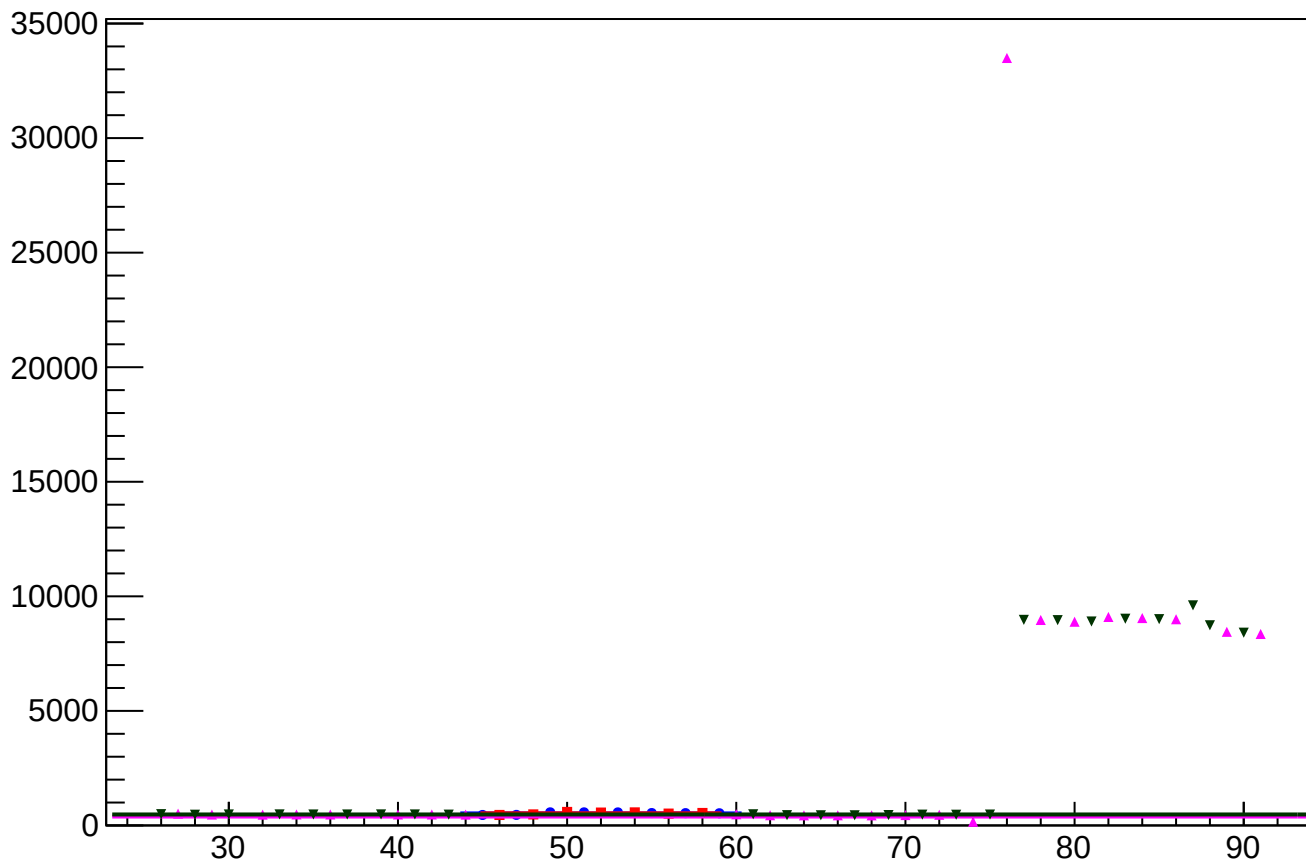
Left Out: 454.027+/-157.943 χ^2/NDF :25.2/24

Right Out: -29.387+/-284.327 χ^2/NDF : 1.8/6

Left In: 67.587+/-134.946 χ^2/NDF :18.3/23

222.121+/-89.568 χ^2/NDF : 57.2/63

reg_asym_atr1_rms vs slug



Right In: 526.110+/-0.170 χ^2/NDF : 70118.8/7

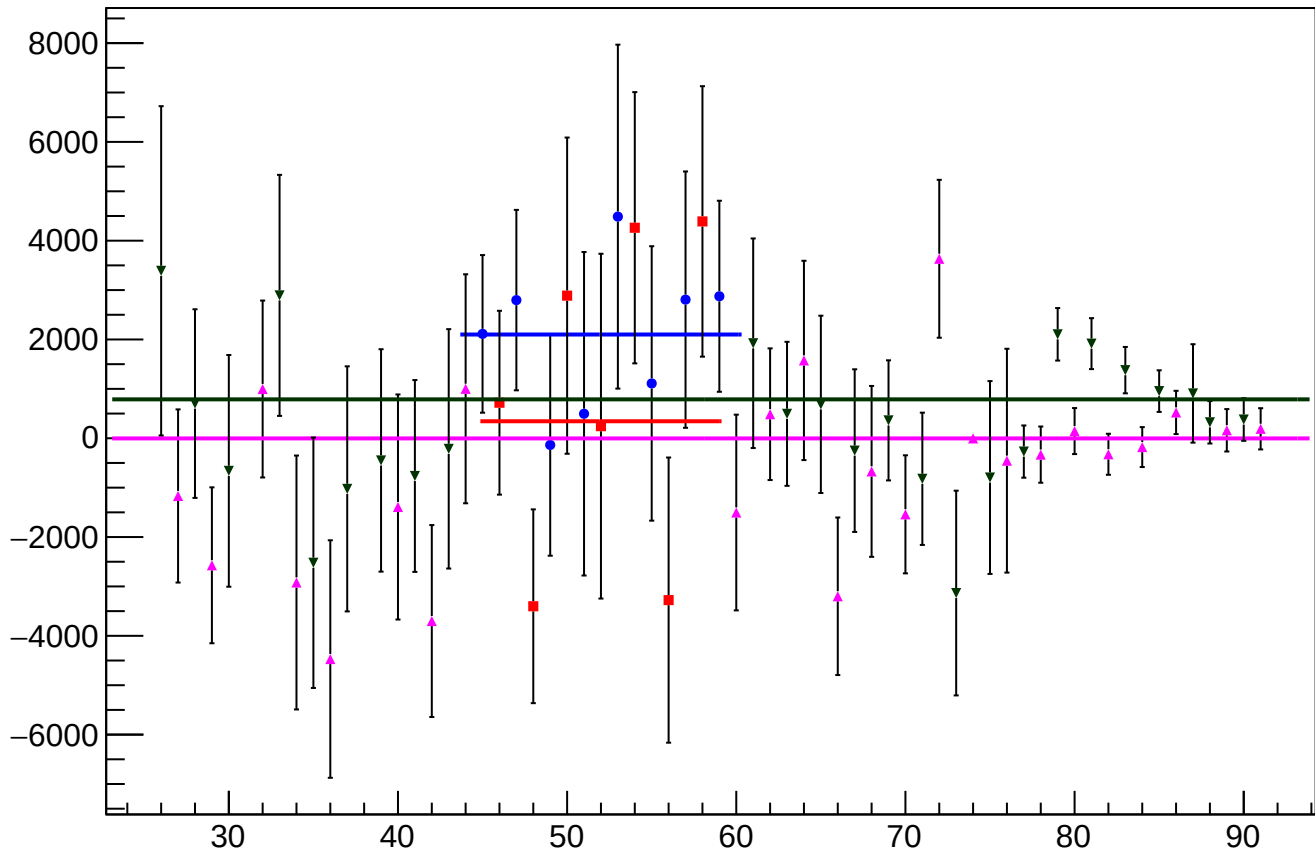
Left Out: 479.640+/-0.112 χ^2/NDF : 6423479.2/24

Right Out: 528.436+/-0.201 χ^2/NDF : 50764.8/6

Left In: 389.292+/-0.095 χ^2/NDF : 9777778.2/23

451.123+/-0.063 χ^2/NDF : 17149443.5/63

asym_atr1_correction_mean vs slug



Right In: 2100.386 $\pm$ 787.456 χ^2 /NDF: 2.2/7

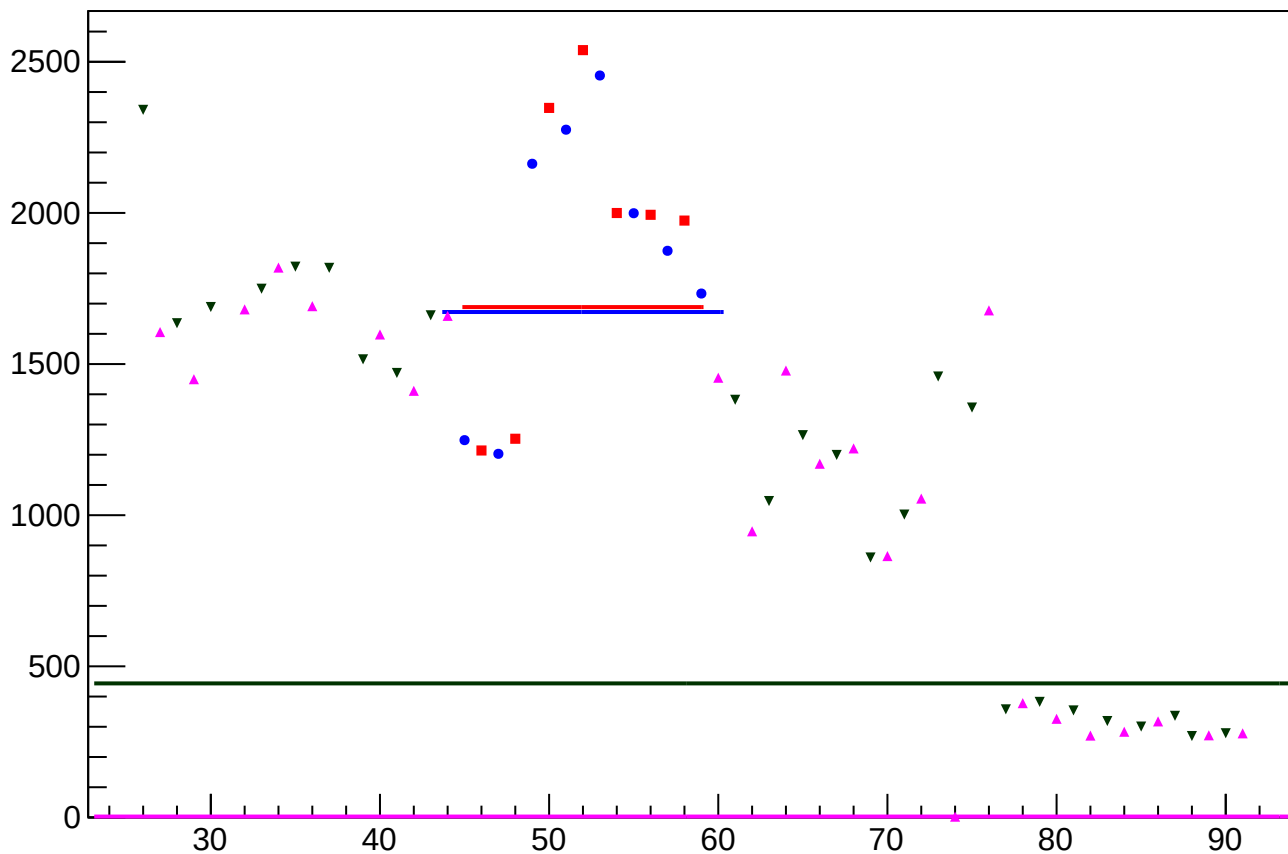
Left Out: 787.566 $\pm$ 163.057 χ^2 /NDF: 30.3/24

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

-2.413 $\pm$ 4.893 χ^2 /NDF: 101.1/63

asym_atr1_correction_rms vs slug



Right In: 1672.206 $\pm$ 0.557 χ^2 /NDF: 579551.0/7

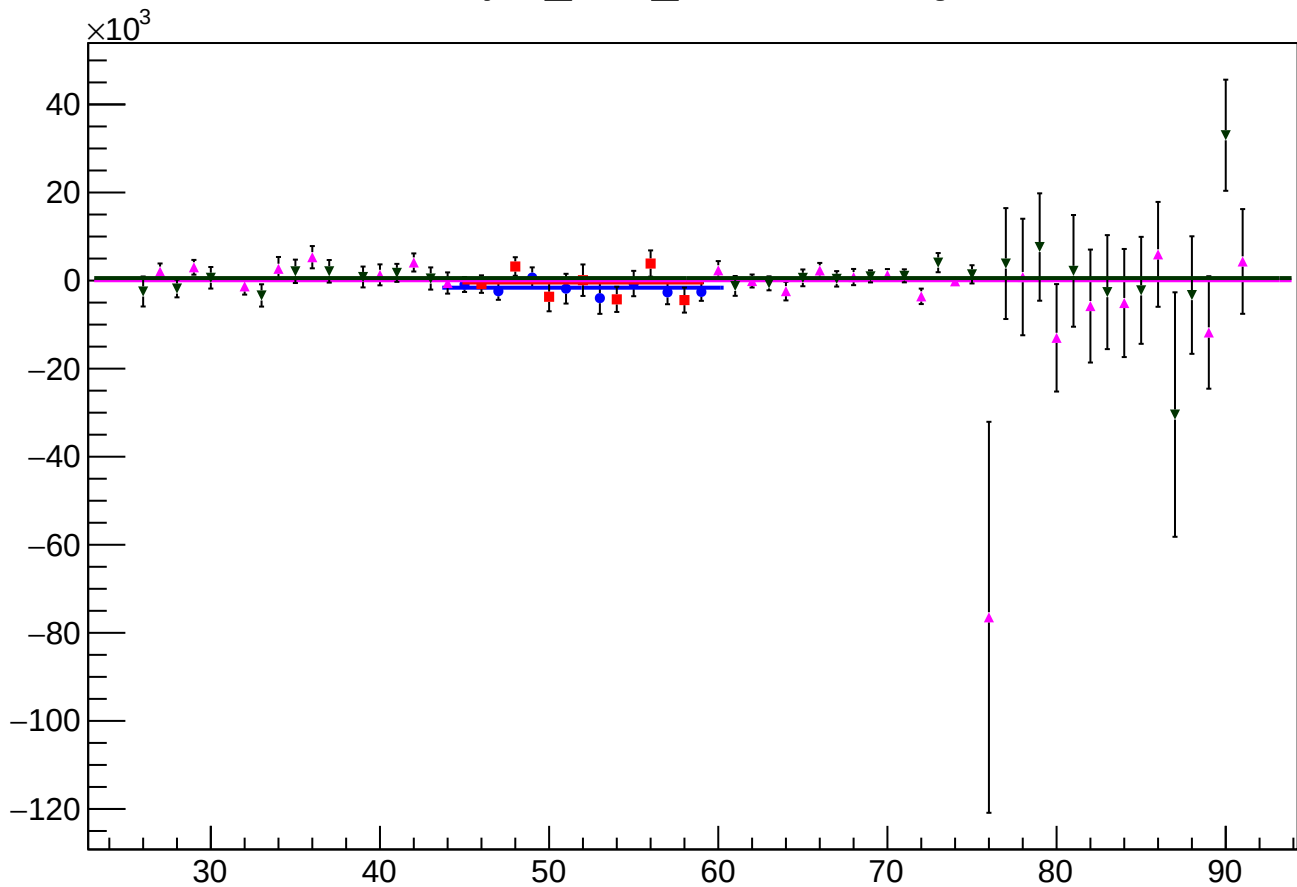
Left Out: 443.497 $\pm$ 0.115 χ^2 /NDF: 9515073.4/24

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

3.499 $\pm$ 0.003 χ^2 /NDF: 65175835.4/63

asym_atr1_mean vs slug



Right In: -1616.109 $\pm$ 827.613 χ^2 /NDF: 2.3/7

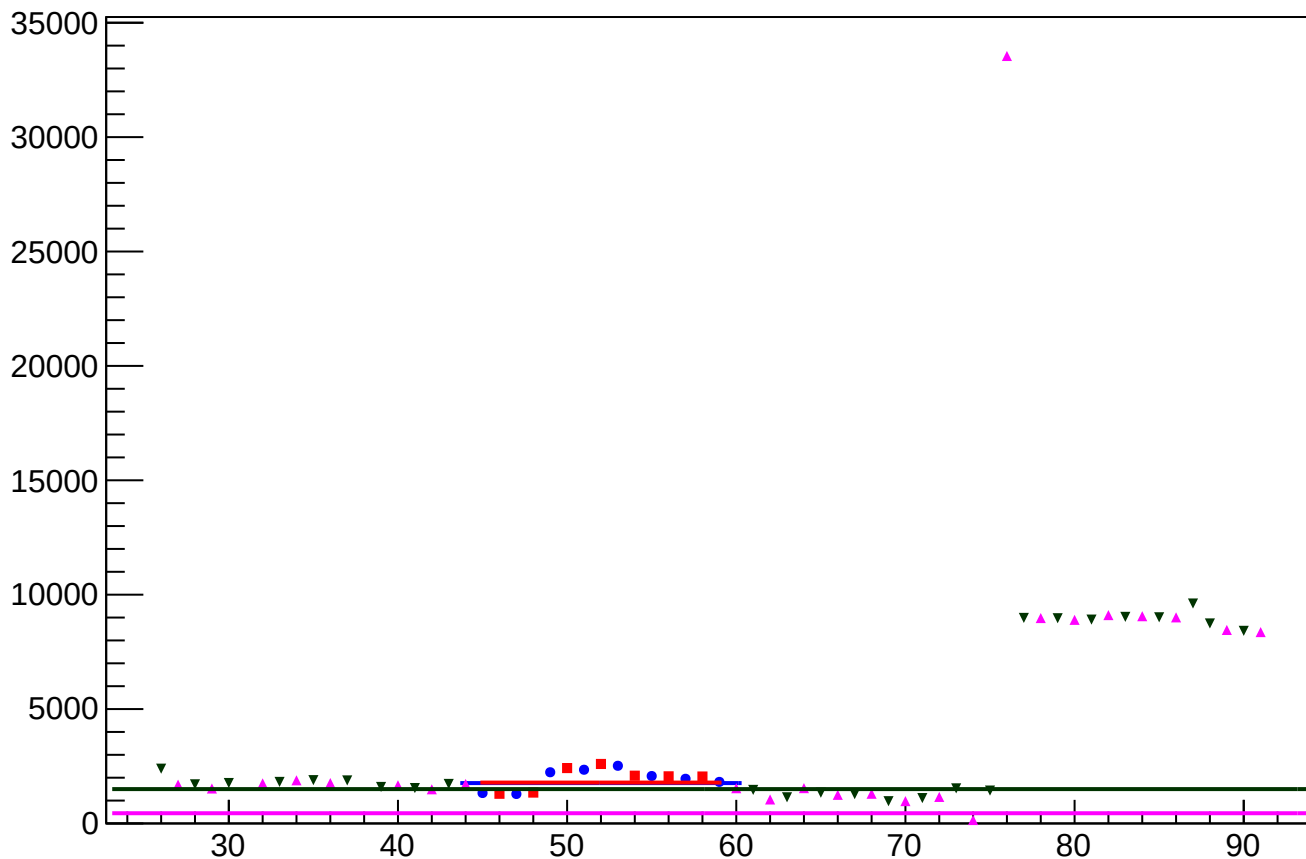
Left Out: 566.275 $\pm$ 488.266 χ^2 /NDF:18.3/24

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

37.981 $\pm$ 196.514 χ^2 /NDF: 66.2/63

asym_atr1_rms vs slug



Right In: 1764.422 ± 0.585 χ^2/NDF : 514893.7/7

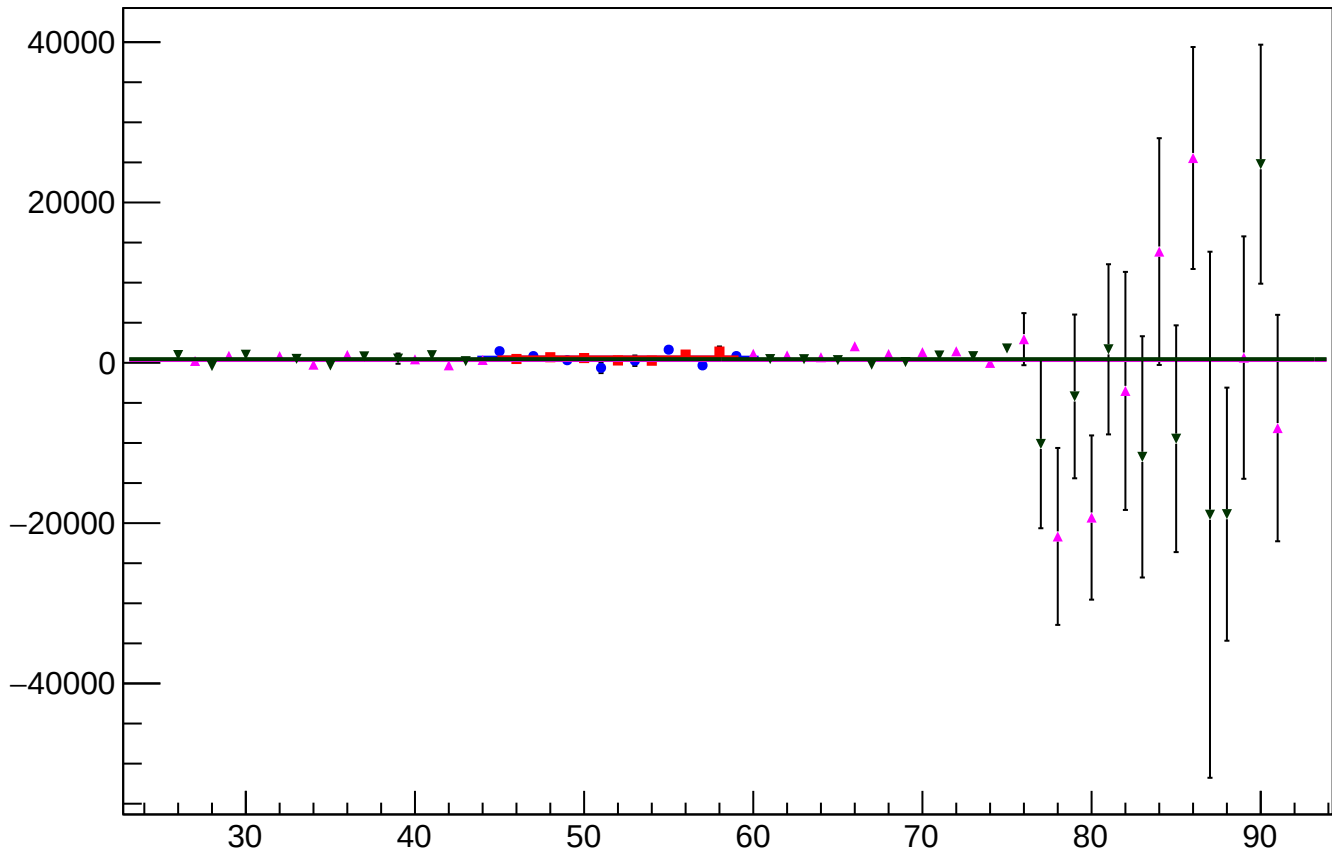
Left Out: 1501.869 ± 0.345 χ^2/NDF : 5847581.2/24

Right Out: 1786.775 ± 0.705 χ^2/NDF : 440872.1/6

Left In: 446.900 ± 0.161 χ^2/NDF : 18516355.3/23

744.155 ± 0.139 χ^2/NDF : 38763002.9/63

reg_asym_atr2_mean vs slug



Right In: 642.461+/-190.698 χ^2/NDF : 13.3/7

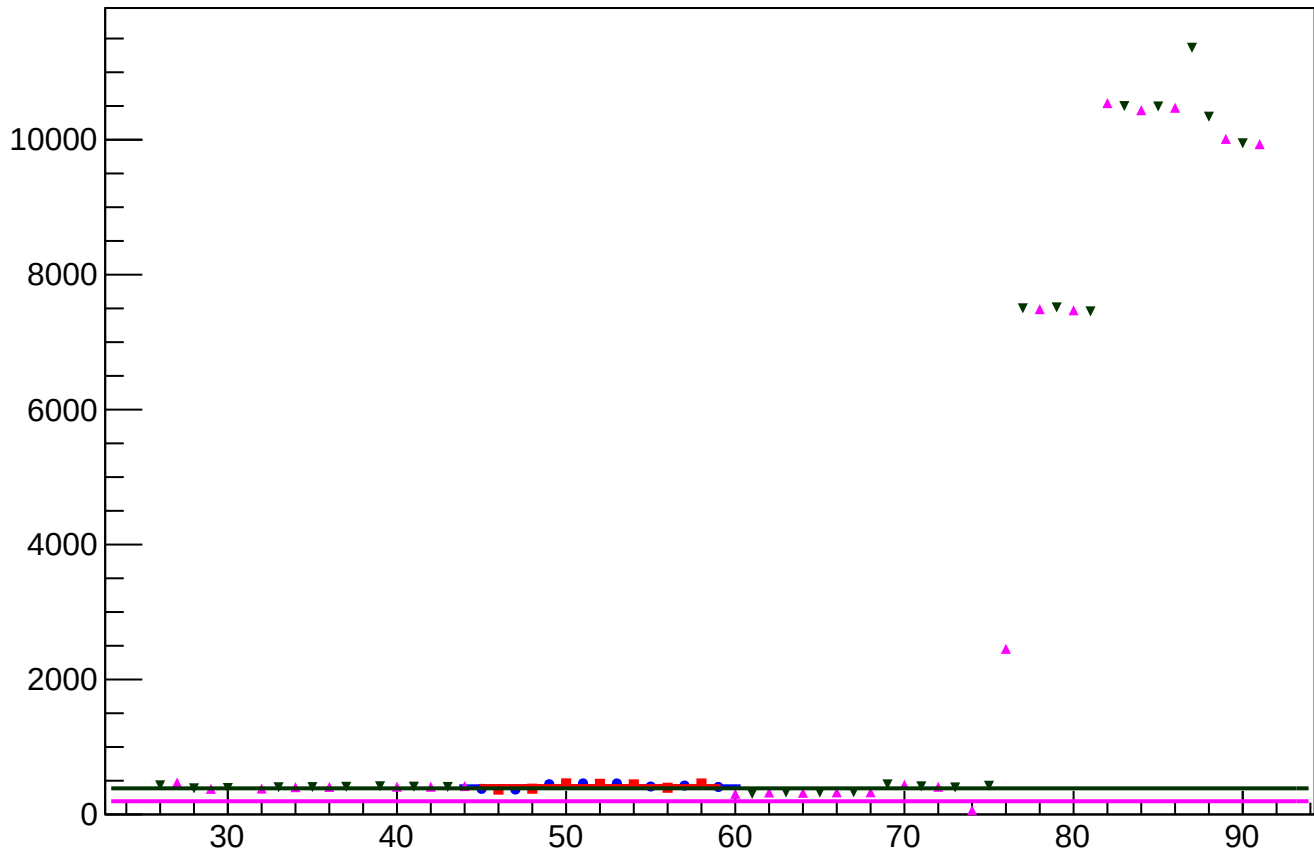
Left Out: 455.561+/-129.008 χ^2/NDF : 24.3/24

Right Out: 674.240+/-226.277 χ^2/NDF : 2.7/6

Left In: 347.011+/-82.271 χ^2/NDF : 59.5/23

429.558+/-62.640 χ^2/NDF : 103.2/63

reg_asym_atr2_rms vs slug



Right In: 417.143+/-0.135 χ^2/NDF : 54194.1/7

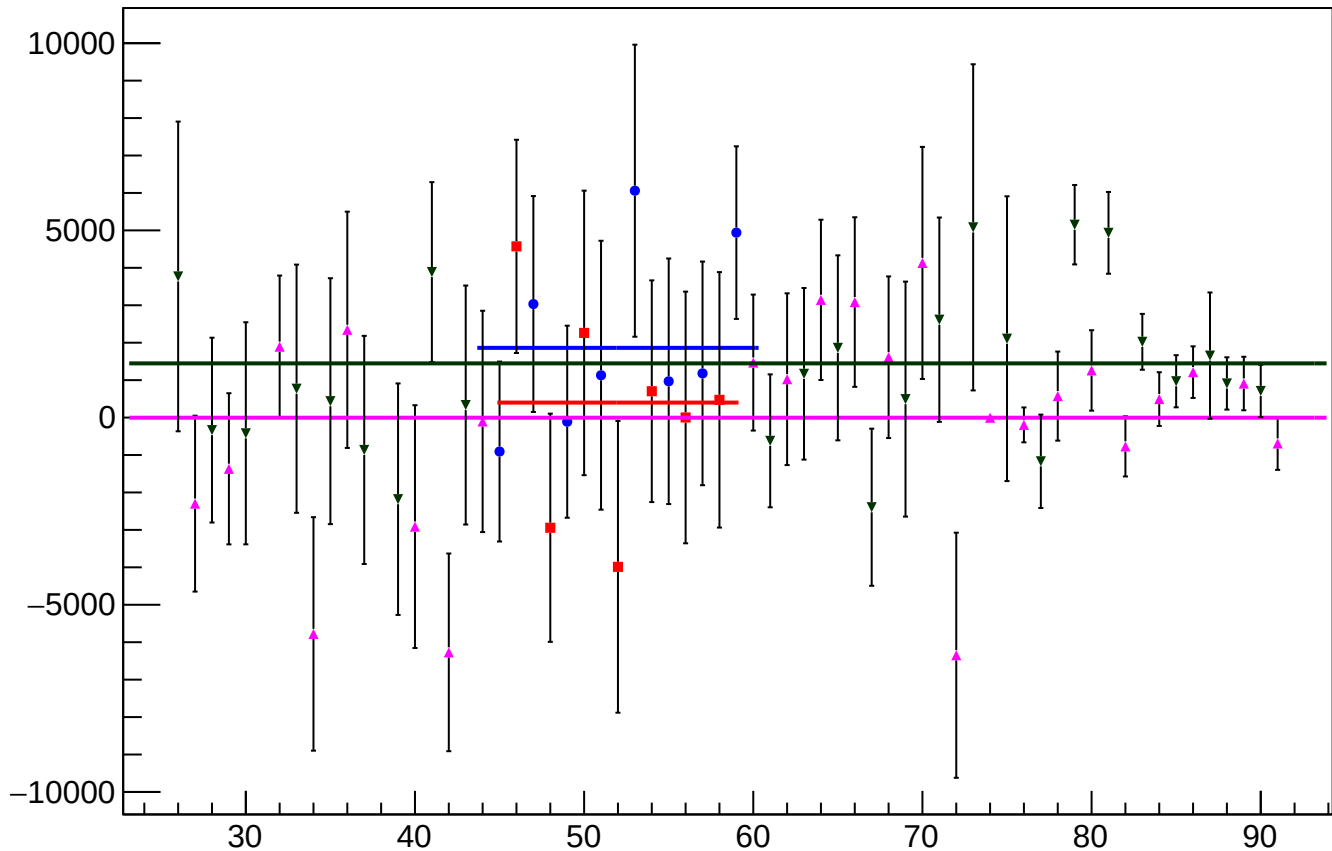
Left Out: 387.092+/-0.091 χ^2/NDF : 6773715.0/24

281.933+/-0.044 χ^2/NDF : 27096147.3/63

Right Out: 420.291+/-0.160 χ^2/NDF : 54323.1/6

Left In: 195.710+/-0.058 χ^2/NDF : 14935107.5/23

asym_atr2_correction_mean vs slug



Right In: 1862.452 $\pm$ 1009.193 χ^2 /NDF: 5.2/7

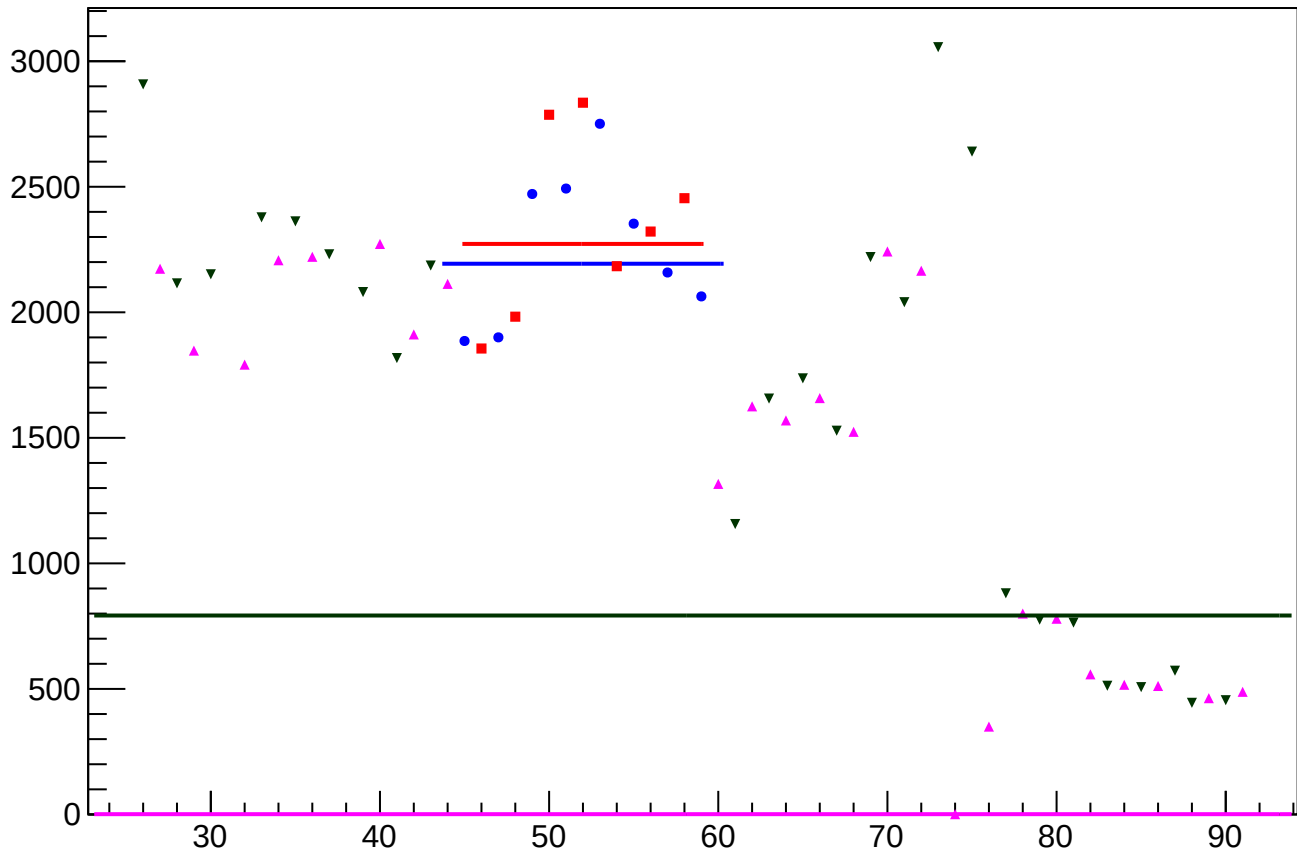
Left Out: 1447.598 $\pm$ 278.101 χ^2 /NDF: 39.8/24

Right Out: 400.577 $\pm$ 1235.994 χ^2 /NDF: 4.9/6

Left In: -3.253 $\pm$ 2.048 χ^2 /NDF: 32.7/23

-3.165 $\pm$ 2.047 χ^2 /NDF: 113.3/63

asym_atr2_correction_rms vs slug



Right In: 2193.441+/-0.714 χ^2/NDF : 143053.4/7

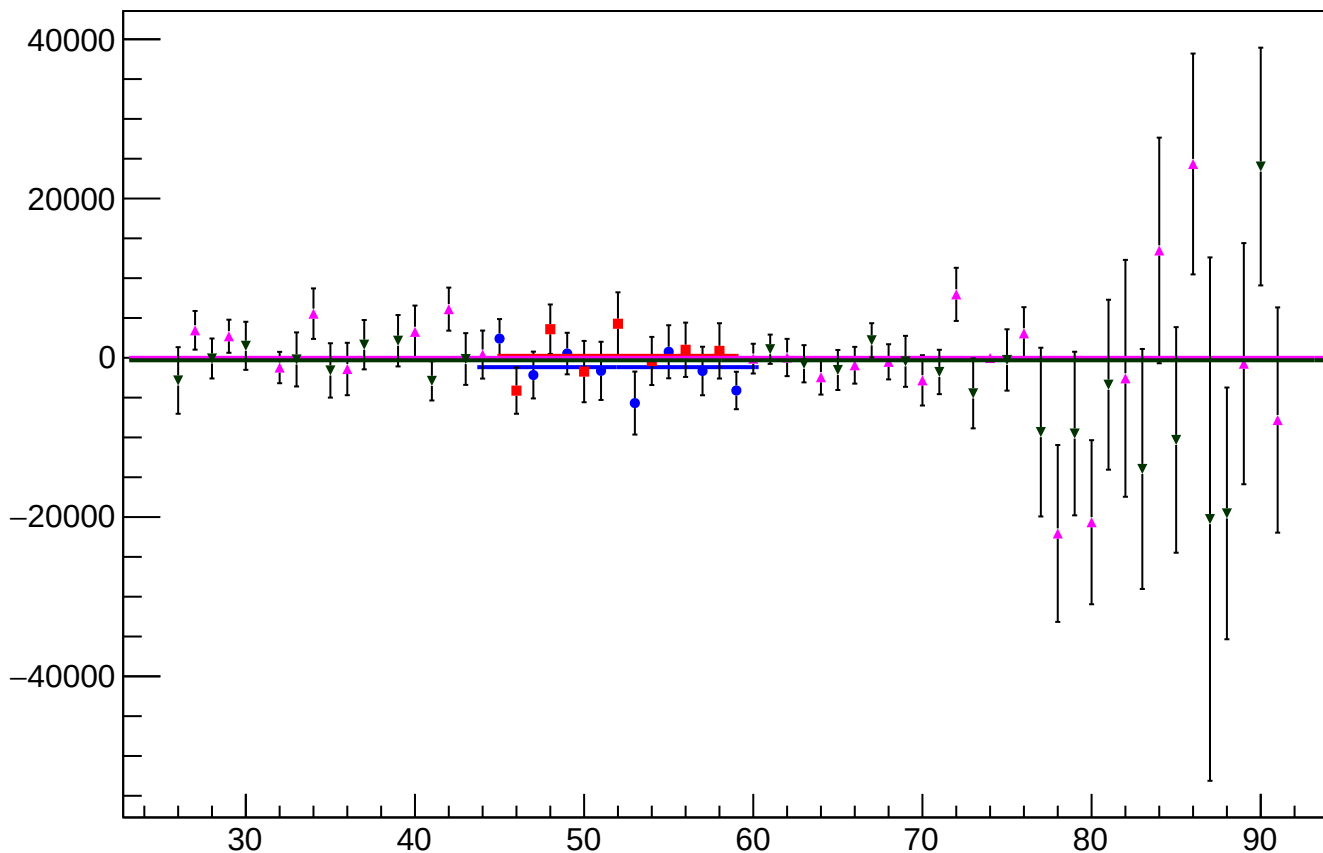
Left Out: 792.366+/-0.197 χ^2/NDF : 8345138.3/24

Right Out: 2272.353+/-0.874 χ^2/NDF : 147137.1/6

Left In: 1.128+/-0.001 χ^2/NDF : 25269597.0/23

1.186+/-0.001 χ^2/NDF : 66284490.0/63

asym_atr2_mean vs slug



Right In: -1173.893+/-1027.718 χ^2/NDF : 5.9/7

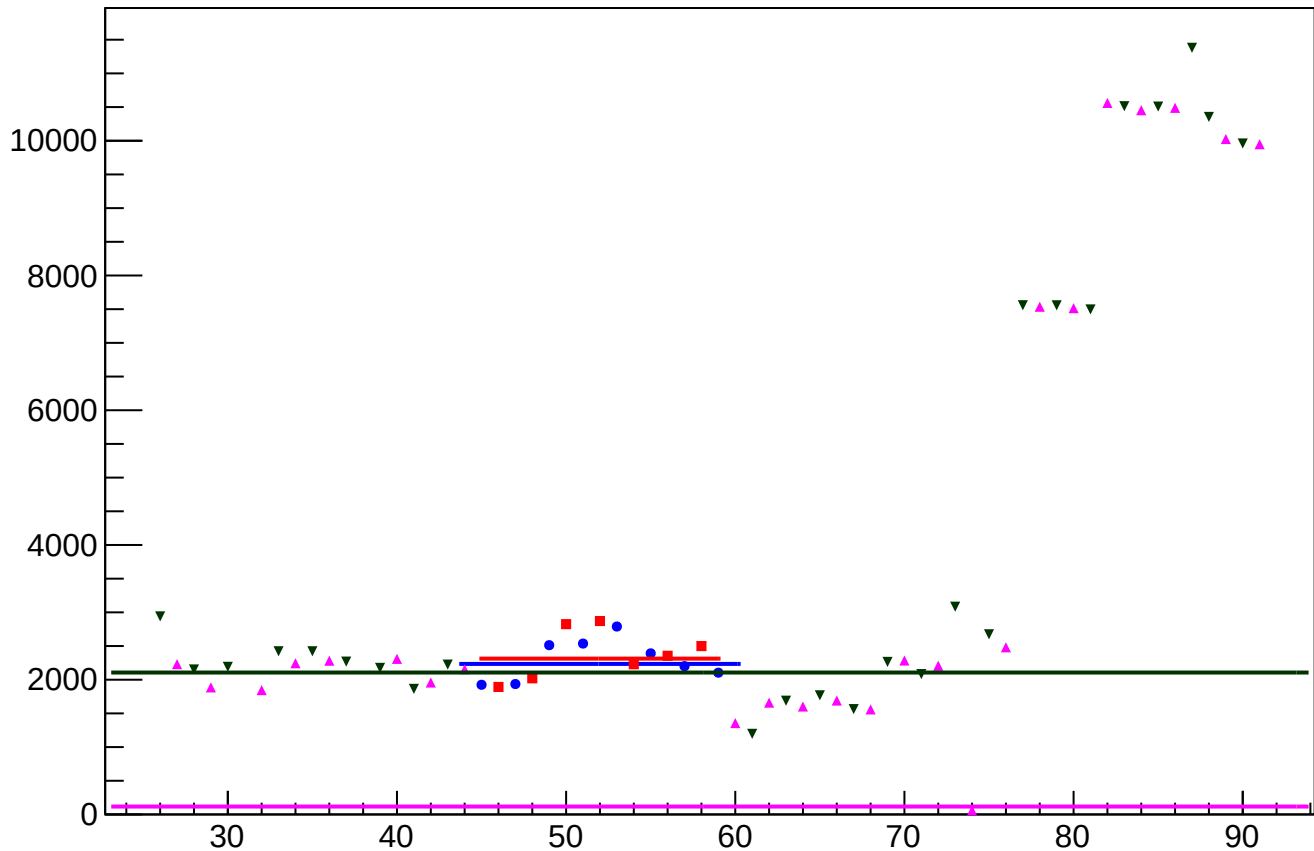
Left Out: -313.028+/-673.451 χ^2/NDF : 13.8/24

Right Out: 247.686+/-1257.515 χ^2/NDF : 4.9/6

Left In: -2.139+/-106.405 χ^2/NDF : 34.6/23

-19.911+/-104.197 χ^2/NDF : 60.7/63

asym_atr2_rms vs slug



Right In: 2234.526+/-0.727 χ^2/NDF : 139137.5/7

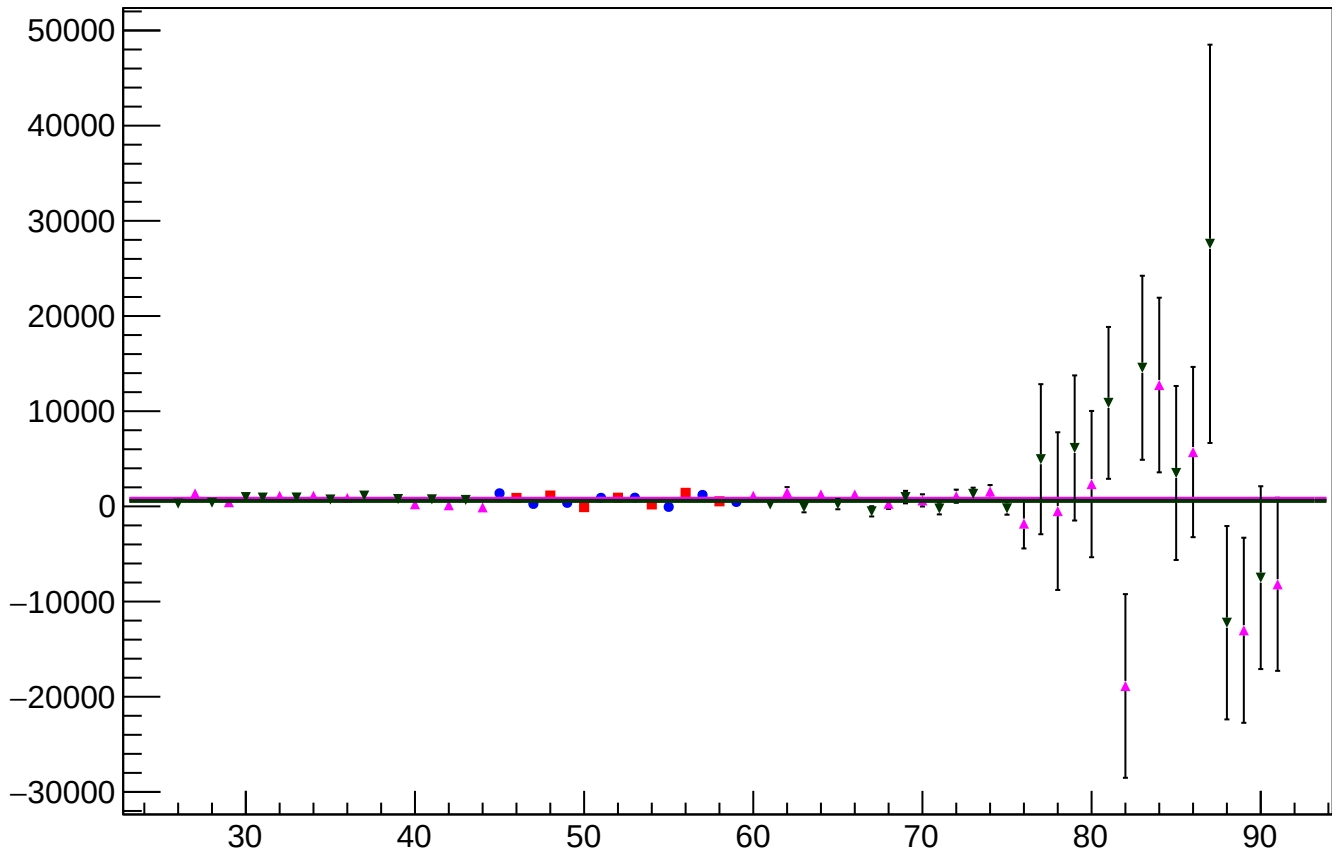
Left Out: 2106.630+/-0.476 χ^2/NDF : 5197447.3/24

201.575+/-0.074 χ^2/NDF : 59893079.6/63

Right Out: 2313.141+/-0.889 χ^2/NDF : 142579.6/6

Left In: 117.106+/-0.075 χ^2/NDF : 23684332.8/23

reg_asym_atl_avg_mean vs slug



Right In: 663.247+/-136.193 χ^2/NDF : 10.1/7

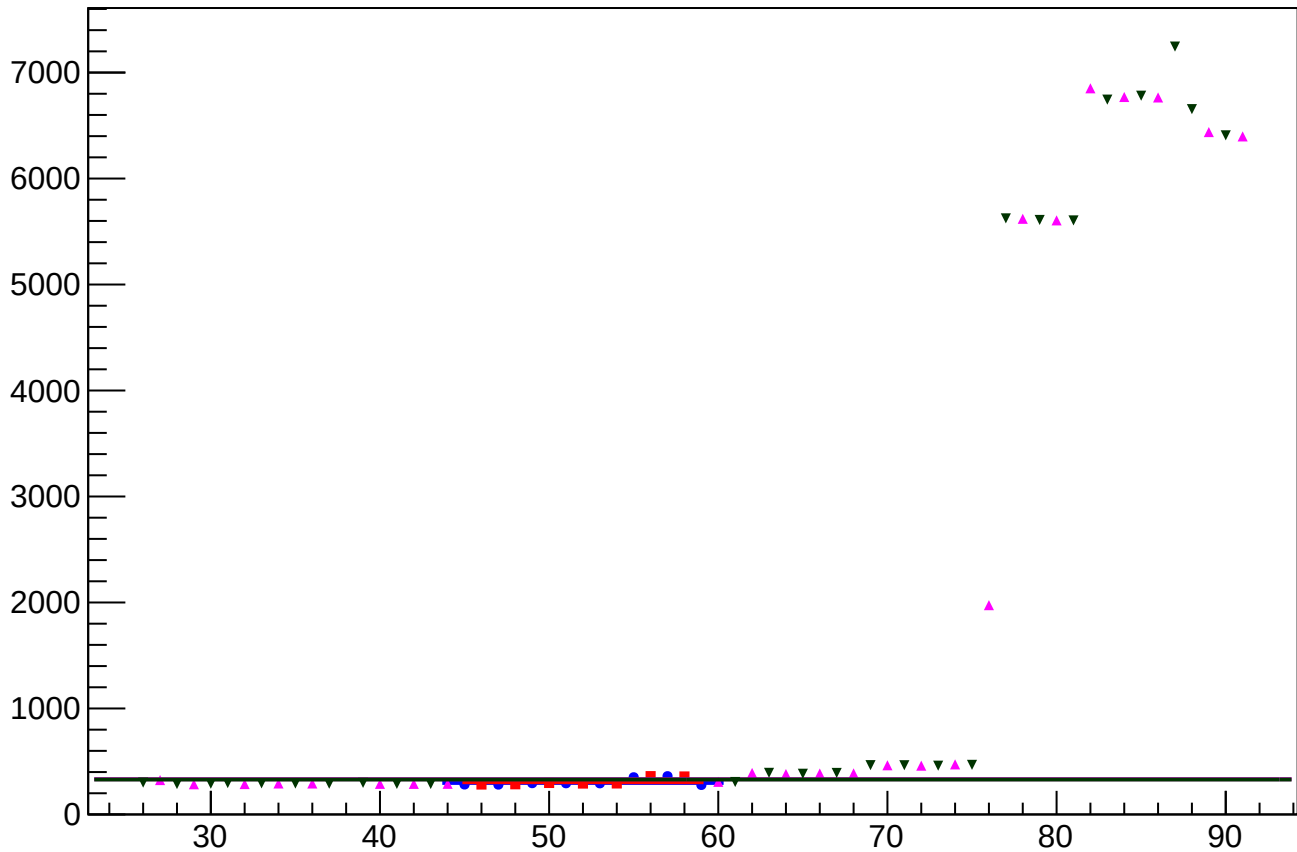
Left Out: 576.999+/-108.787 χ^2/NDF :25.4/25

Right Out: 665.450+/-163.827 χ^2/NDF : 8.7/6

Left In: 797.590+/-109.026 χ^2/NDF :31.4/23

679.014+/-62.042 χ^2/NDF : 77.7/64

reg_asym_atl_avg_rms vs slug



Right In: 297.806+/-0.096 χ^2/NDF : 70707.4/7

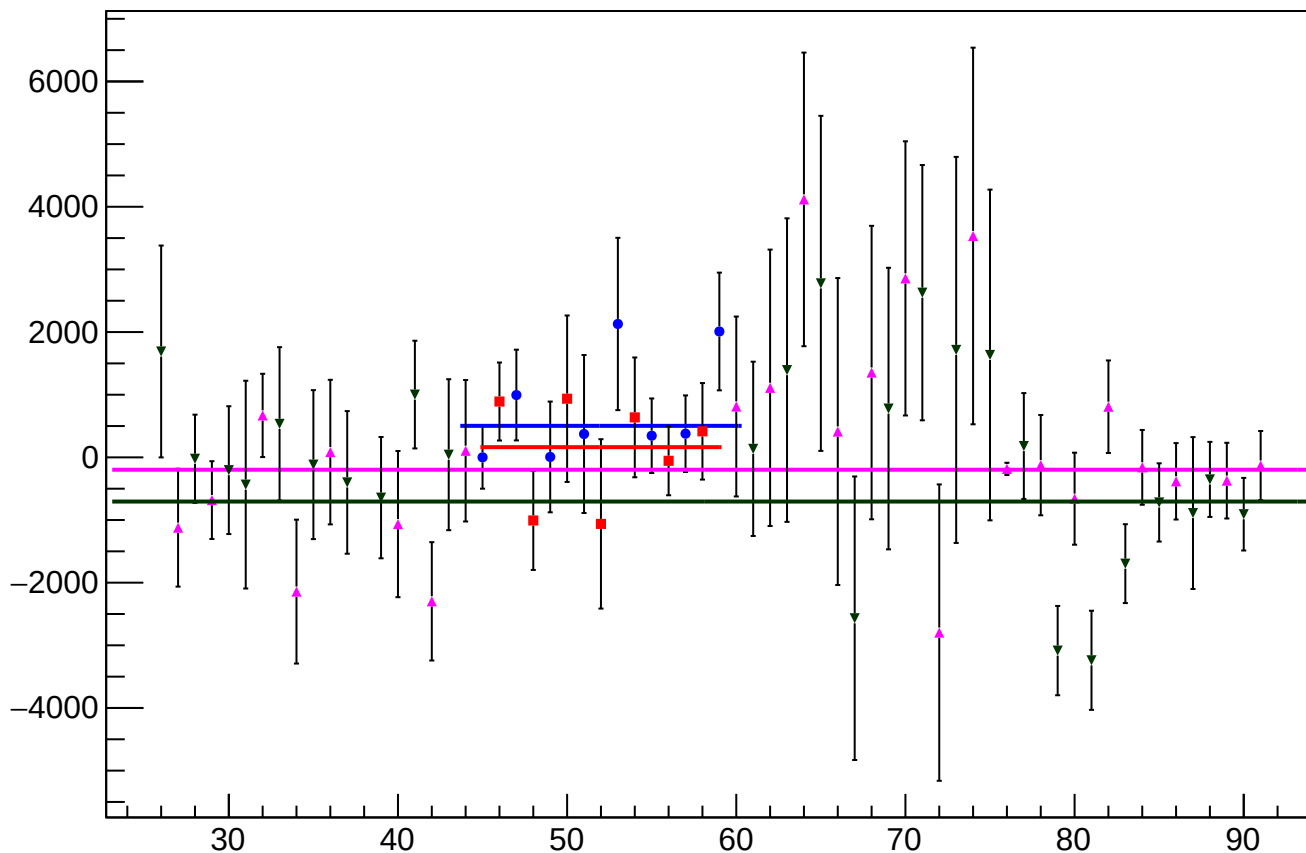
Left Out: 329.953+/-0.077 χ^2/NDF : 7009075.6/25

320.547+/-0.044 χ^2/NDF : 14935915.9/64

Right Out: 304.468+/-0.116 χ^2/NDF : 61564.8/6

Left In: 332.796+/-0.077 χ^2/NDF : 7679344.8/23

asym_atl_avg_correction_mean vs slug



Right In: 503.269+/-258.394 χ^2/NDF : 5.9/7

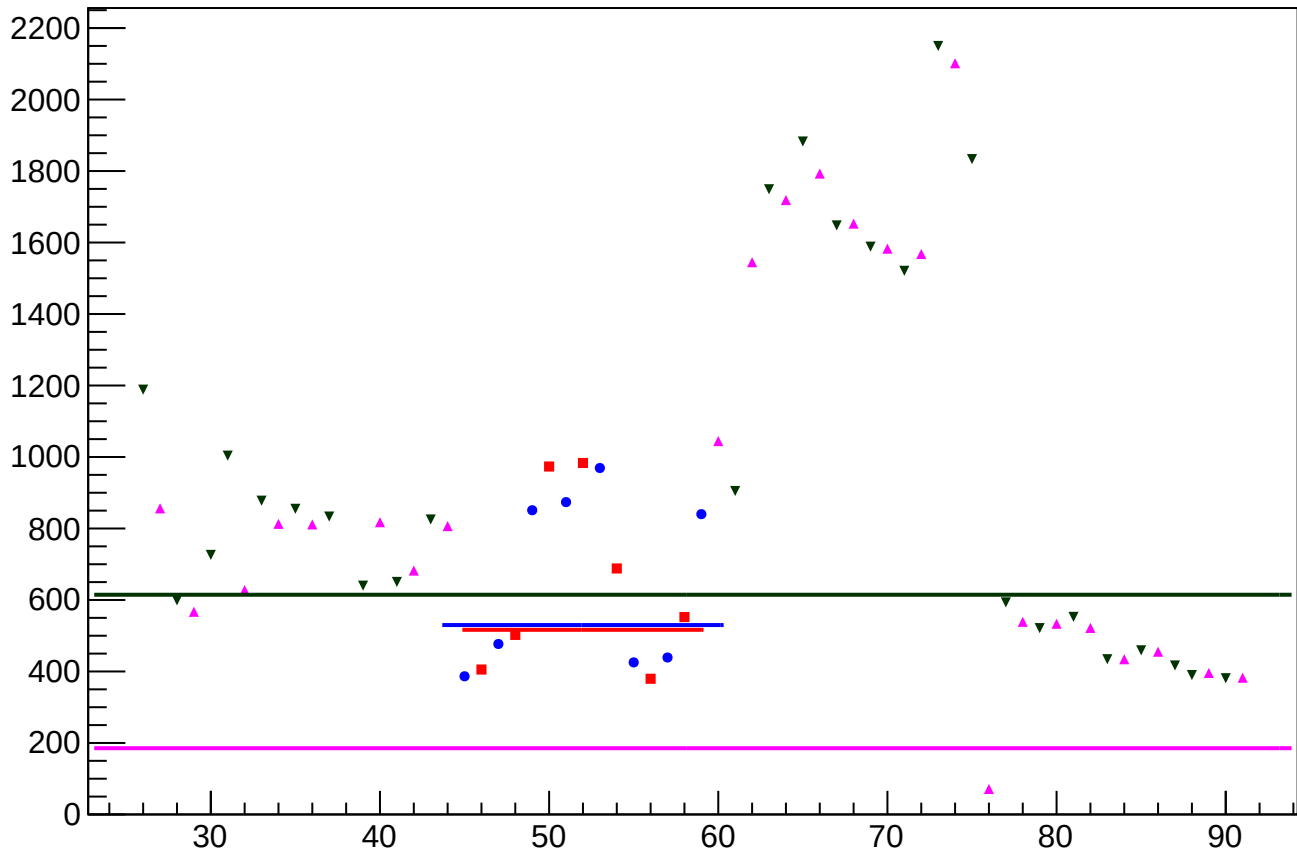
Left Out: -705.100+/-191.881 χ^2/NDF : 42.4/25

Right Out: 162.703+/-296.411 χ^2/NDF : 5.2/6

Left In: -197.349+/-86.638 χ^2/NDF : 23.7/23

-193.061+/-73.178 χ^2/NDF : 93.0/64

asym_atl_avg_correction_rms vs slug



Right In: 529.860+/-0.183 χ^2/NDF : 1116017.9/7

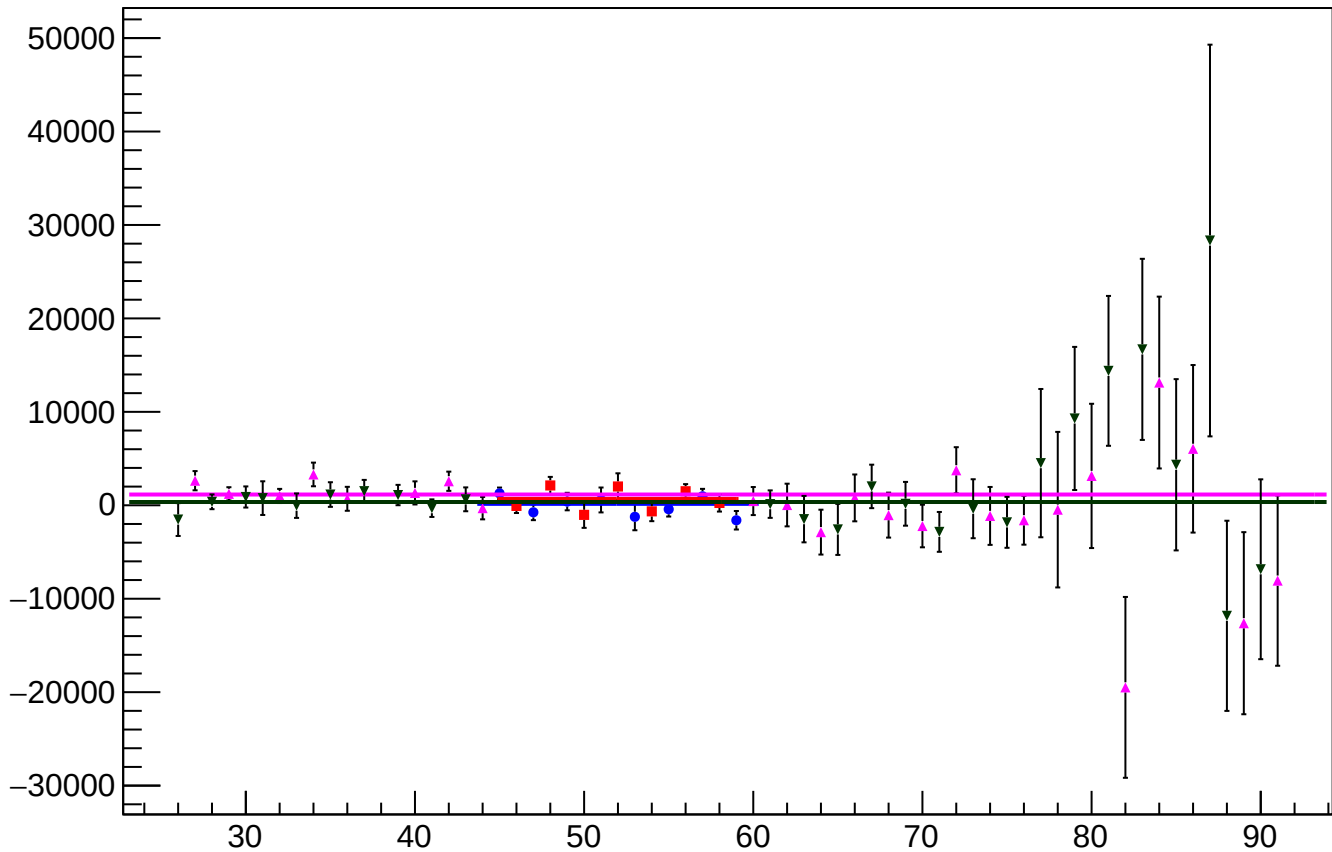
Left Out: 614.660+/-0.136 χ^2/NDF : 4761293.3/25

Right Out: 516.555+/-0.210 χ^2/NDF : 731948.7/6

Left In: 185.351+/-0.061 χ^2/NDF : 17098277.0/23

295.608+/-0.052 χ^2/NDF : 35231129.5/64

asym_atl_avg_mean vs slug



Right In: 153.709 $\pm$ 309.891 χ^2 /NDF: 10.2/7

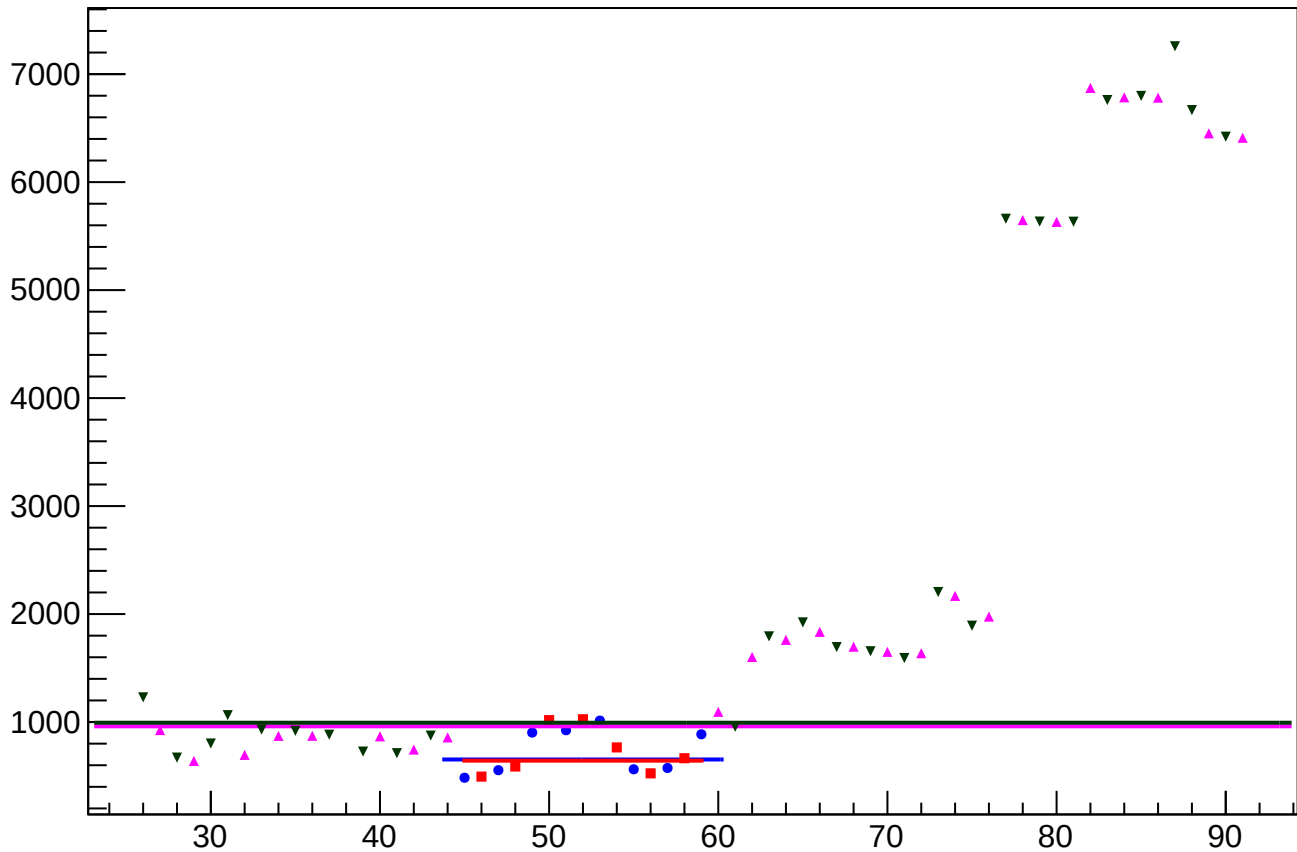
Left Out: 351.291 $\pm$ 330.920 χ^2 /NDF: 20.5/25

Right Out: 670.736 $\pm$ 359.017 χ^2 /NDF: 8.8/6

Left In: 1152.493 $\pm$ 315.310 χ^2 /NDF: 27.3/23

578.253 $\pm$ 163.602 χ^2 /NDF: 72.6/64

asym_atl_avg_rms vs slug



Right In: 653.317+/-0.219 χ^2/NDF : 682377.0/7

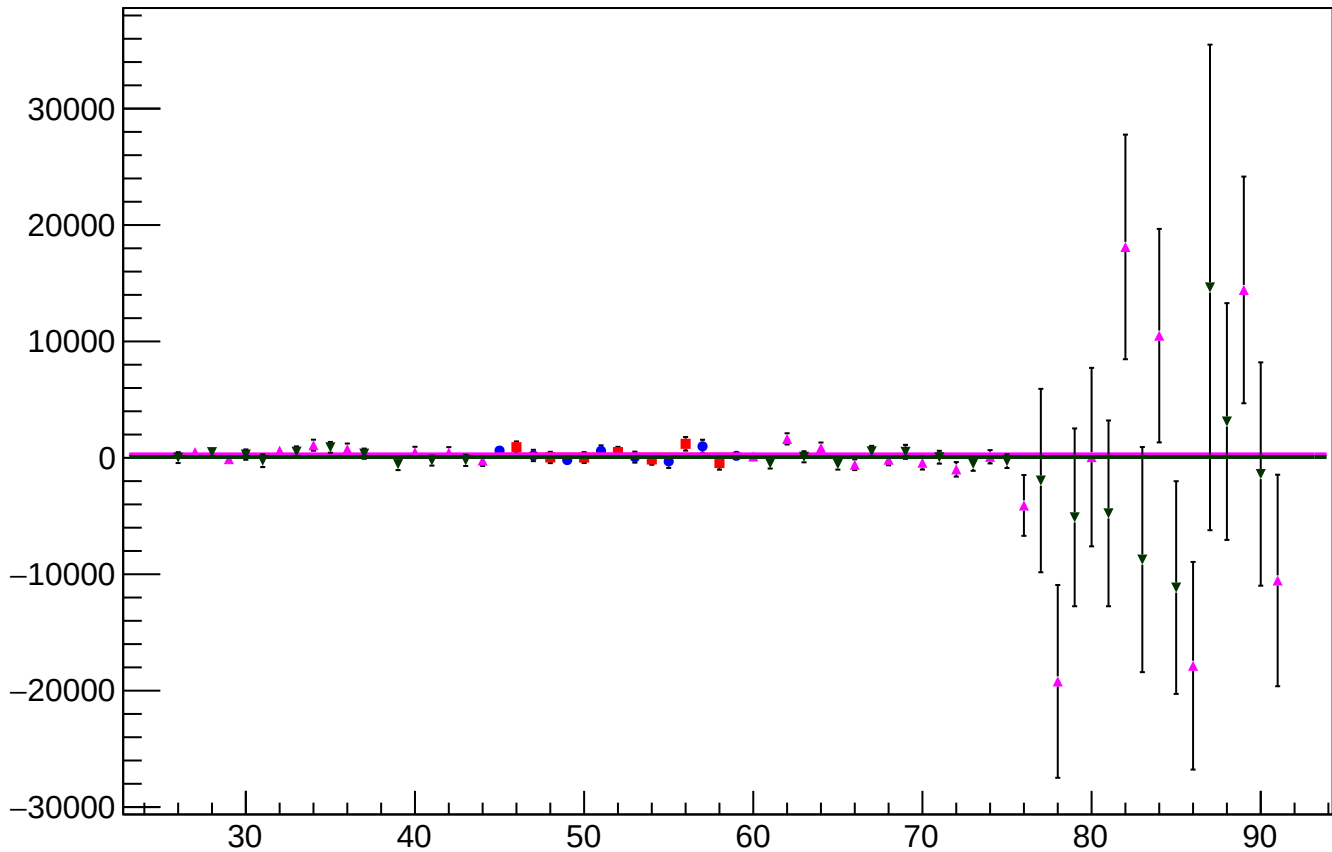
Left Out: 993.735+/-0.234 χ^2/NDF : 7271187.4/25

816.967+/-0.116 χ^2/NDF : 18088465.0/64

Right Out: 642.469+/-0.254 χ^2/NDF : 453016.2/6

Left In: 960.504+/-0.223 χ^2/NDF : 7666519.3/23

reg_asym_atl_dd_mean vs slug



Right In: 224.138 $\pm$ 151.526 χ^2 /NDF: 5.8/7

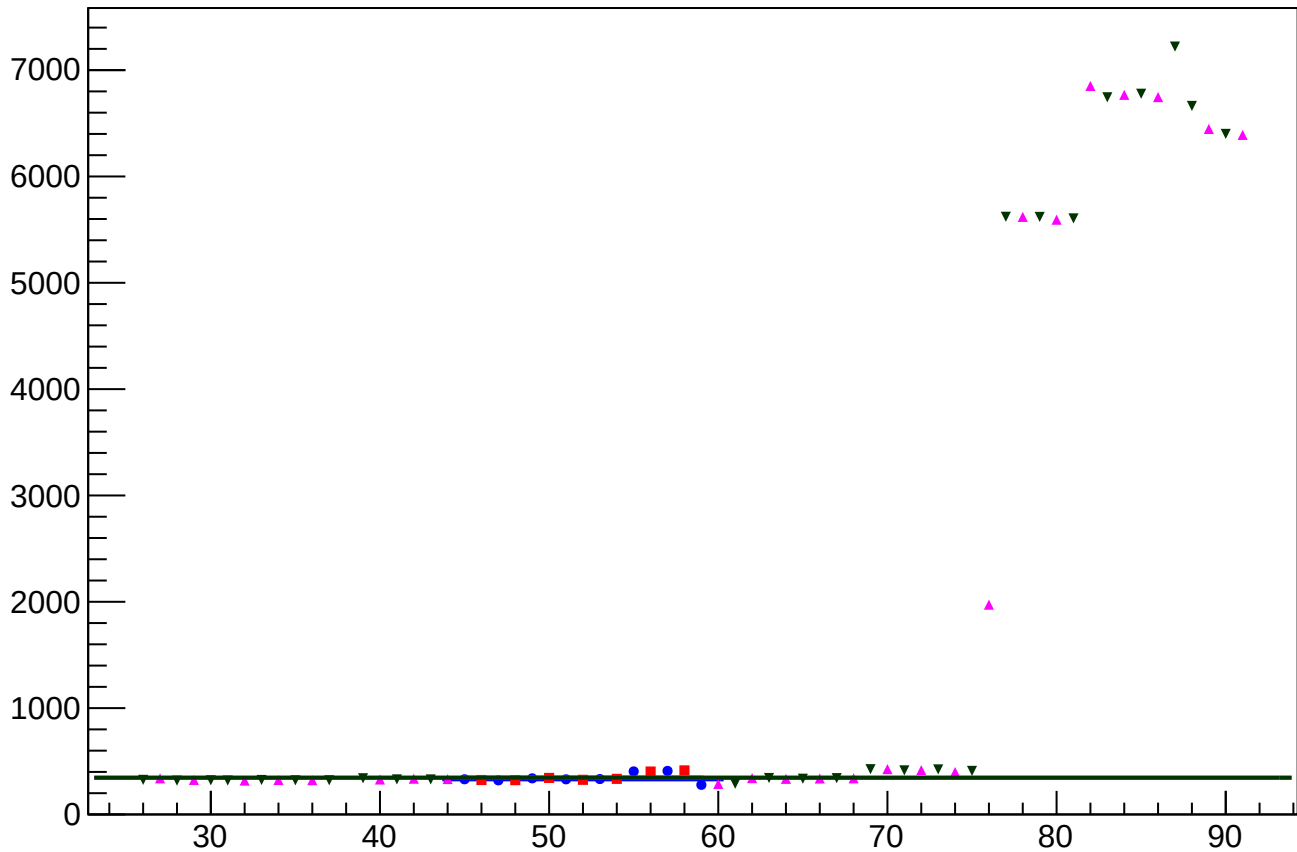
Left Out: 73.239 $\pm$ 112.695 χ^2 /NDF:18.7/25

Right Out: 276.214 $\pm$ 186.686 χ^2 /NDF: 7.4/6

Left In: 295.403 $\pm$ 112.112 χ^2 /NDF:48.2/23

203.676 $\pm$ 65.860 χ^2 /NDF: 82.2/64

reg_asym_atl_dd_rms vs slug



Right In: 330.127+/-0.107 χ^2/NDF : 132401.6/7

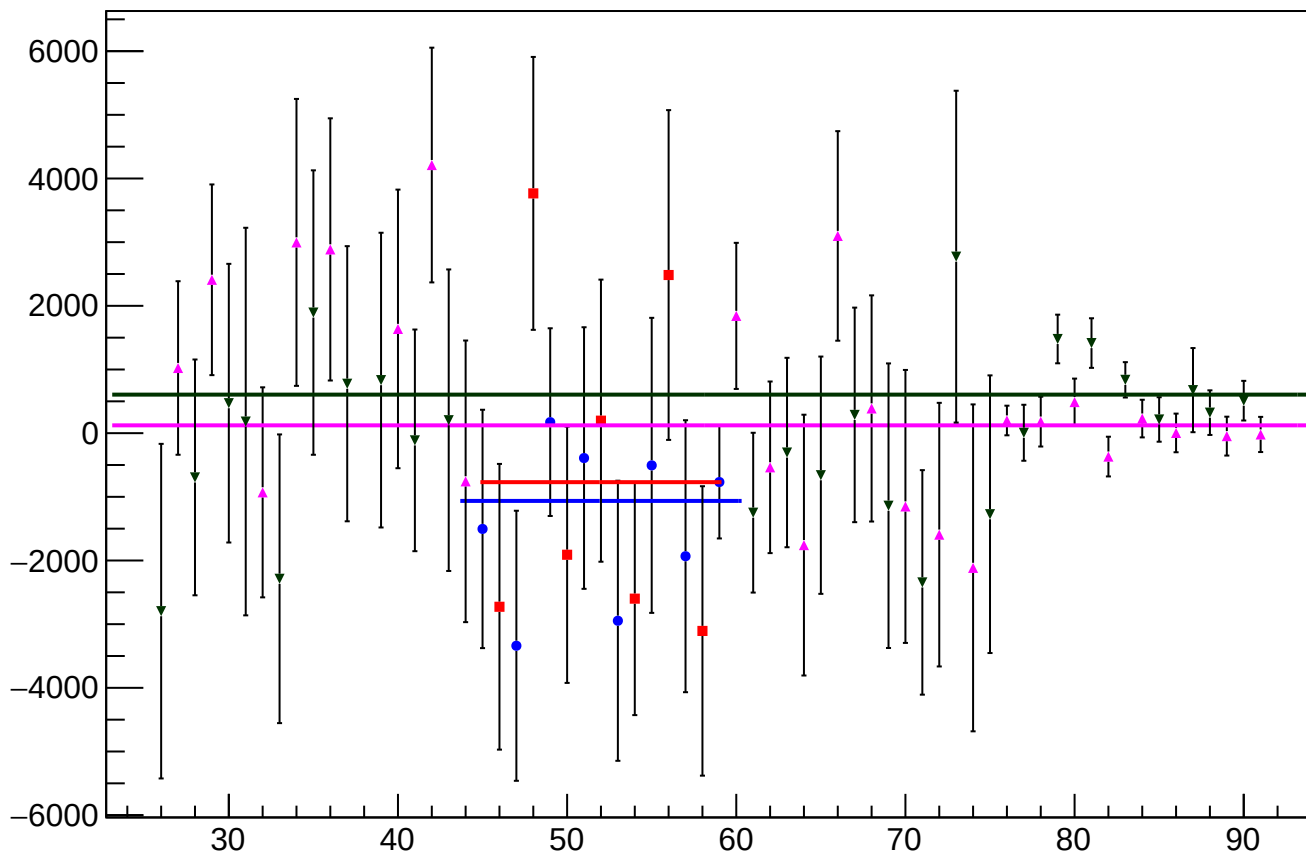
Left Out: 345.644+/-0.080 χ^2/NDF : 6577862.9/25

Right Out: 346.818+/-0.132 χ^2/NDF : 61919.1/6

Left In: 345.968+/-0.079 χ^2/NDF : 7278101.5/23

342.970+/-0.047 χ^2/NDF : 14068059.0/64

asym_atl_dd_correction_mean vs slug



Right In: -1064.154 ± 568.857 χ^2/NDF : 3.1/7

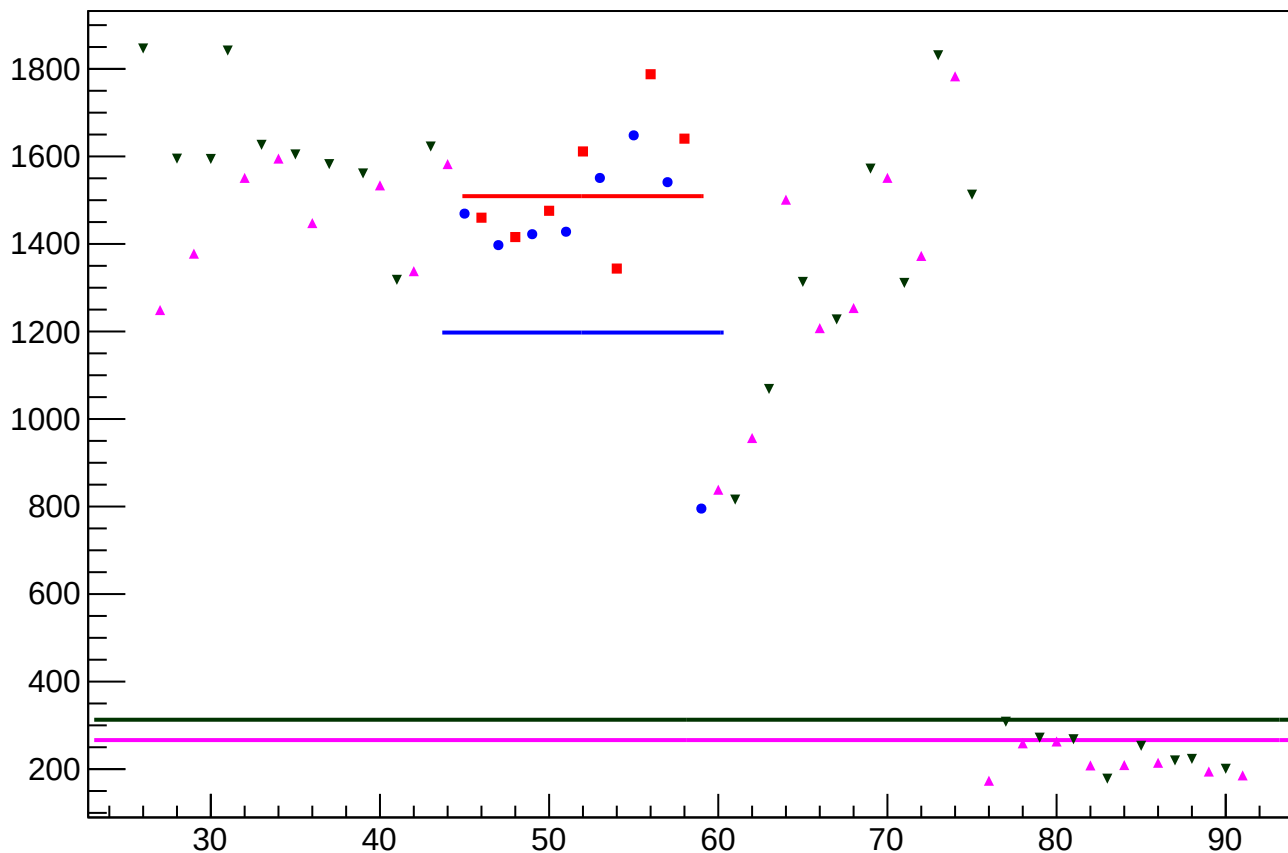
Left Out: 605.392 ± 123.837 χ^2/NDF : 26.4/25

Right Out: -769.573 ± 814.233 χ^2/NDF : 9.4/6

Left In: 122.889 ± 103.086 χ^2/NDF : 25.0/23

284.250 ± 78.109 χ^2/NDF : 80.3/64

asym_atl_dd_correction_rms vs slug



Right In: 1197.567 ± 0.402 χ^2/NDF : 722516.7/7

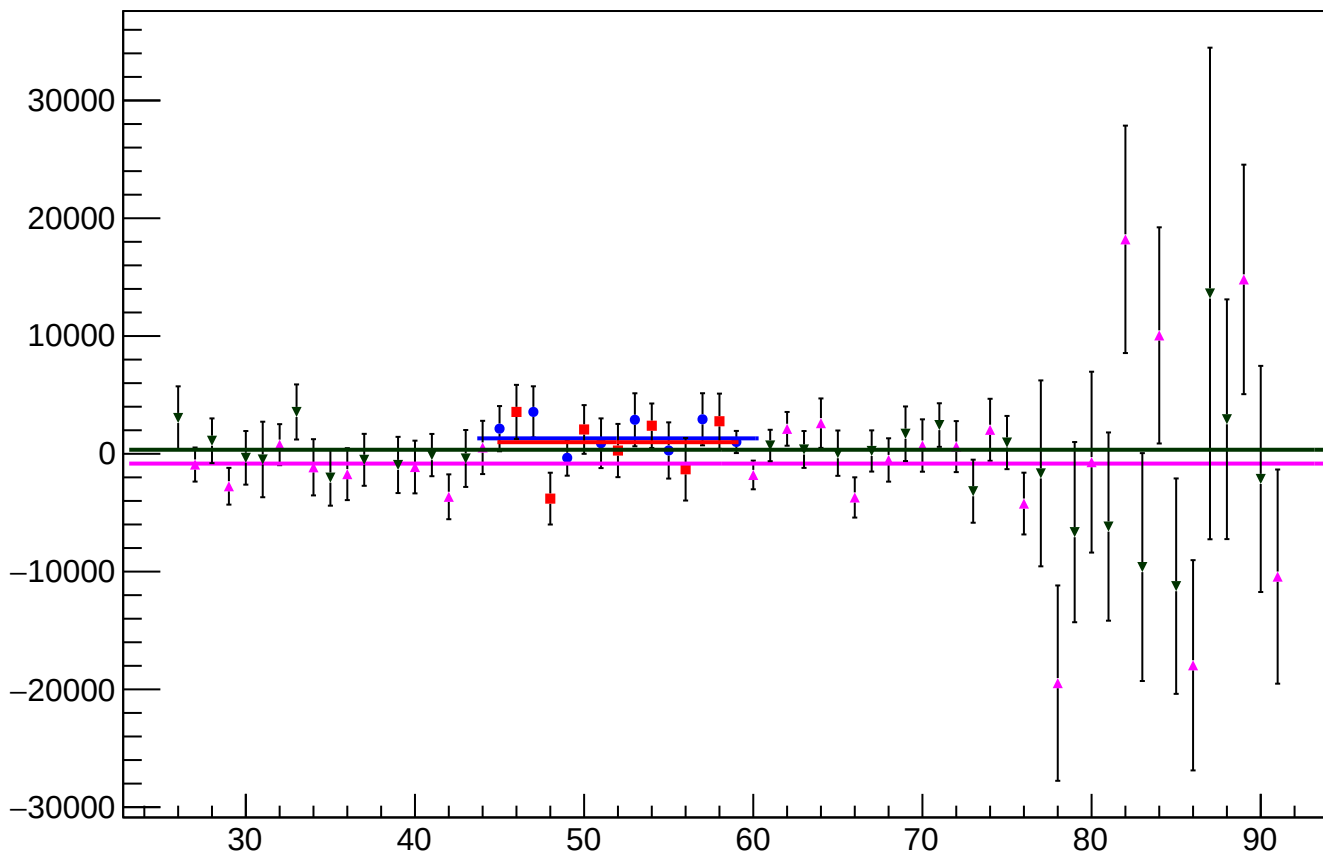
Left Out: 312.847 ± 0.088 χ^2/NDF : 12292752.6/25

Right Out: 1509.195 ± 0.576 χ^2/NDF : 55759.1/6

Left In: 266.349 ± 0.073 χ^2/NDF : 12574085.0/23

313.841 ± 0.055 χ^2/NDF : 35207020.4/64

asym_atl_dd_mean vs slug



Right In: 1312.132 $\pm$ 592.170 χ^2 /NDF: 3.8/7

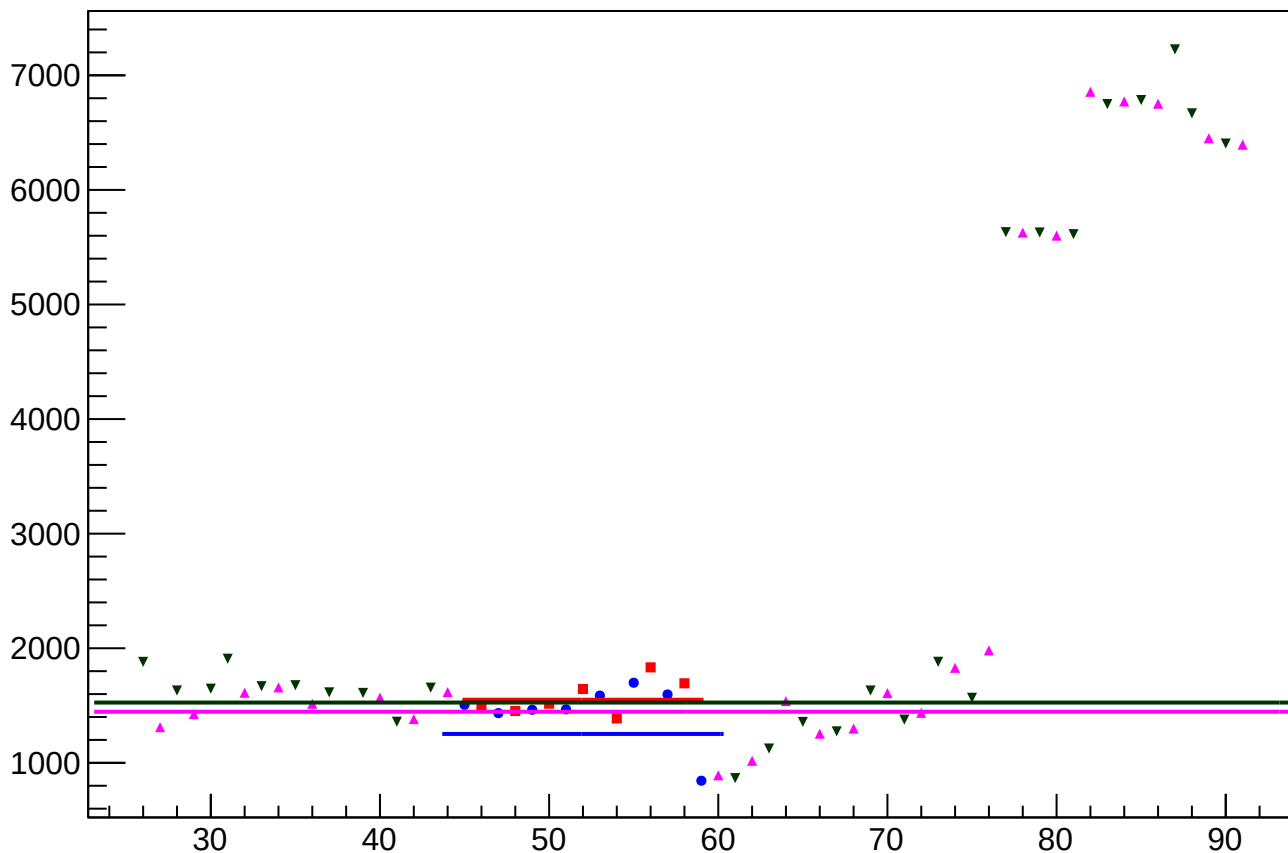
Left Out: 344.696 $\pm$ 476.508 χ^2 /NDF: 13.1/25

Right Out: 986.060 $\pm$ 836.288 χ^2 /NDF: 8.2/6

Left In: -829.457 $\pm$ 443.164 χ^2 /NDF: 37.0/23

177.565 $\pm$ 269.411 χ^2 /NDF: 72.1/64

asym_atl_dd_rms vs slug



Right In: 1252.200+/-0.419 χ^2/NDF : 648692.1/7

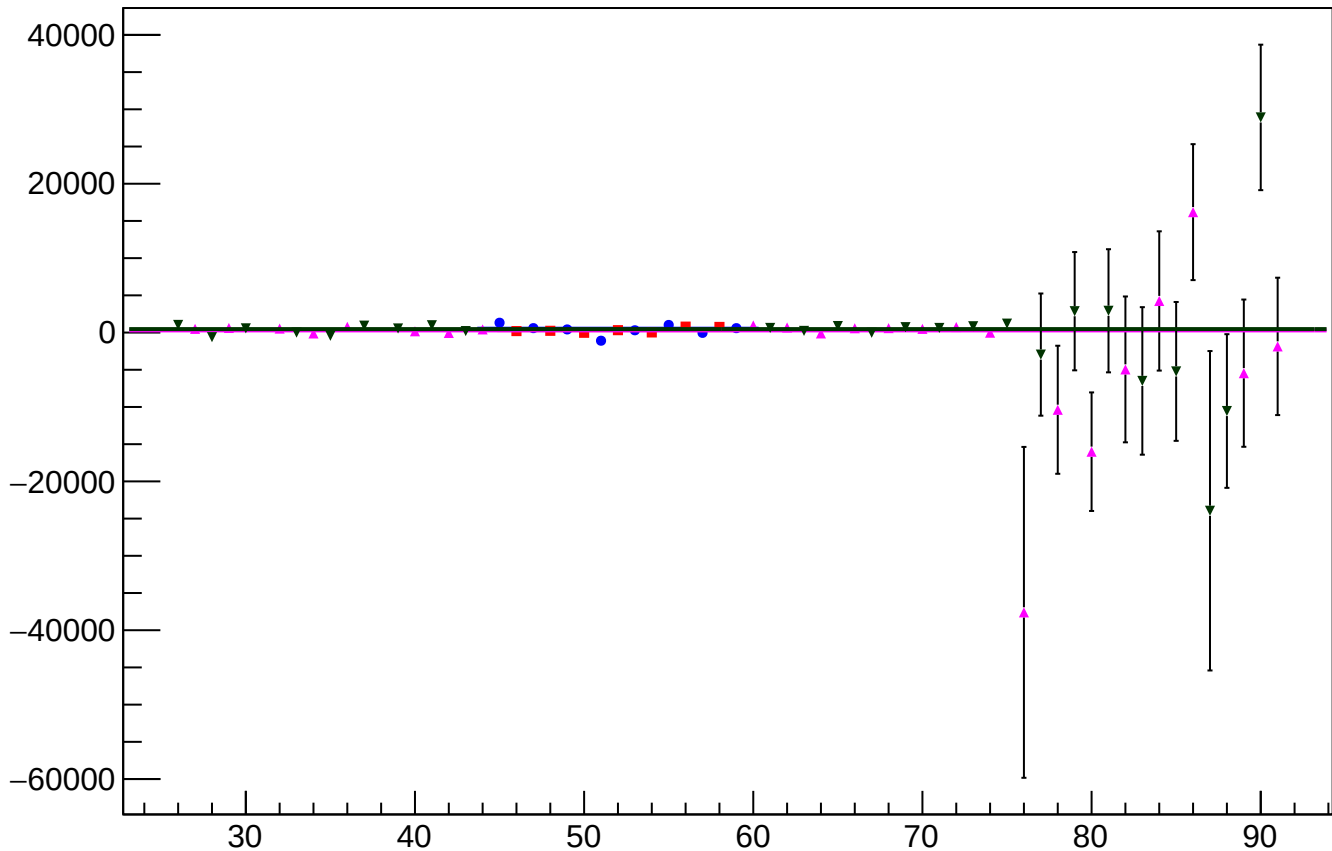
Left Out: 1526.090+/-0.337 χ^2/NDF : 4910331.4/25

Right Out: 1550.708+/-0.591 χ^2/NDF : 54078.6/6

Left In: 1445.921+/-0.313 χ^2/NDF : 5068918.9/23

1442.326+/-0.191 χ^2/NDF : 10983714.1/64

reg_asym_atr_avg_mean vs slug



Right In: 516.521+/-168.382 χ^2/NDF : 13.7/7

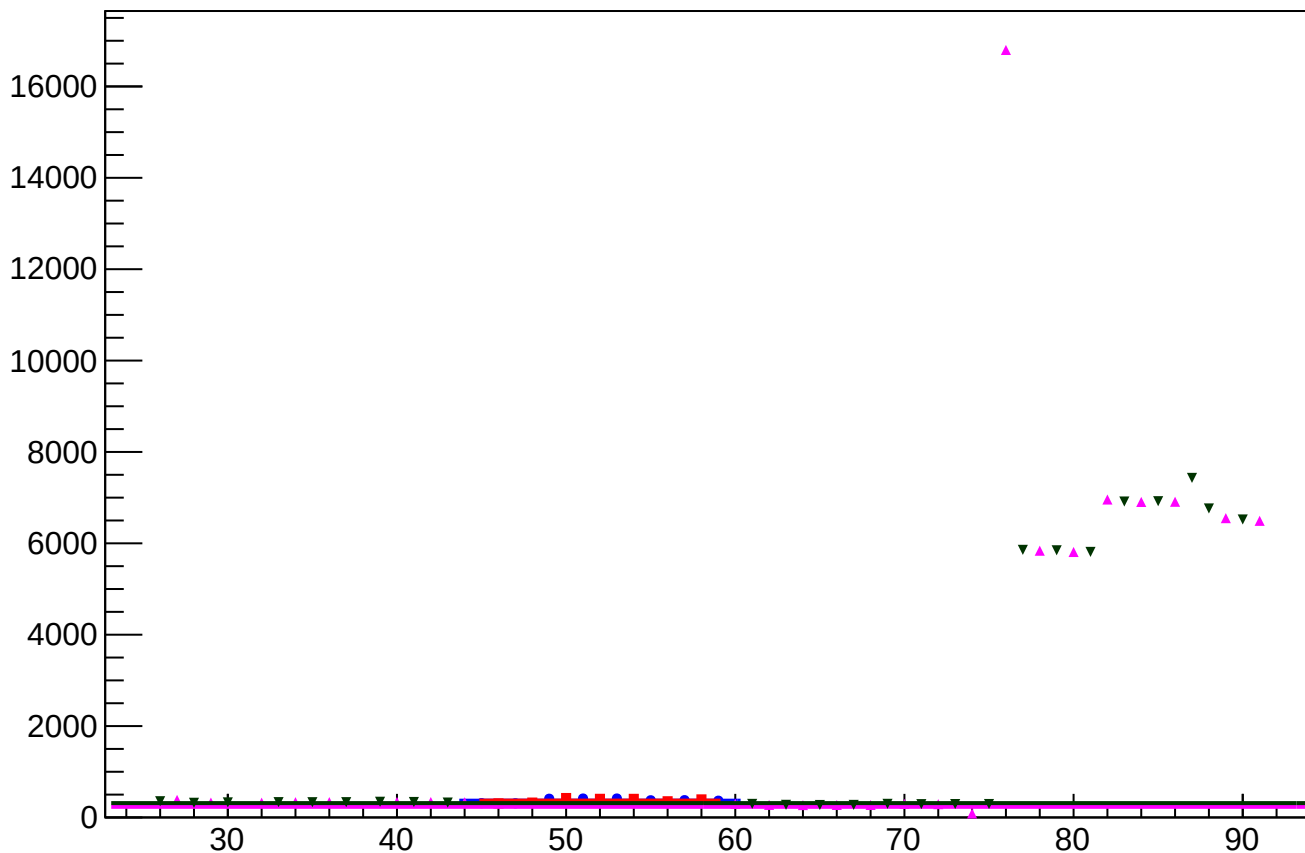
Left Out: 465.640+/-104.245 χ^2/NDF : 36.9/24

Right Out: 333.892+/-199.218 χ^2/NDF : 2.3/6

Left In: 289.470+/-84.466 χ^2/NDF : 28.9/23

376.054+/-58.455 χ^2/NDF : 84.2/63

reg_asym_atr_avg_rms vs slug



Right In: 367.159+/-0.119 χ^2/NDF : 115527.9/7

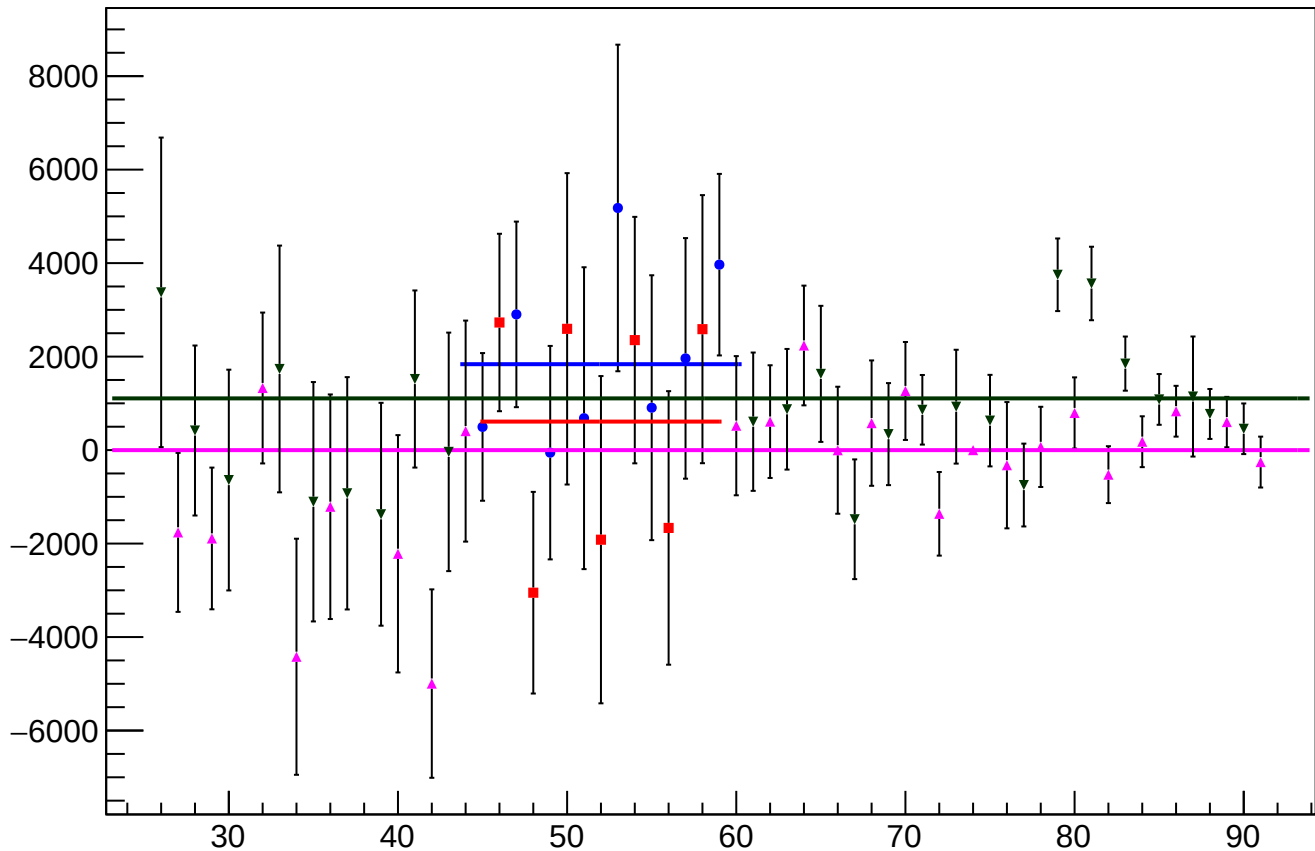
Left Out: 314.209+/-0.074 χ^2/NDF : 6588965.5/24

Right Out: 368.754+/-0.141 χ^2/NDF : 93700.6/6

Left In: 232.565+/-0.060 χ^2/NDF : 11086951.6/23

286.184+/-0.041 χ^2/NDF : 19641731.5/63

asym_atr_avg_correction_mean vs slug



Right In: 1837.645 ± 799.382 $\chi^2/\text{NDF}: 4.1/7$

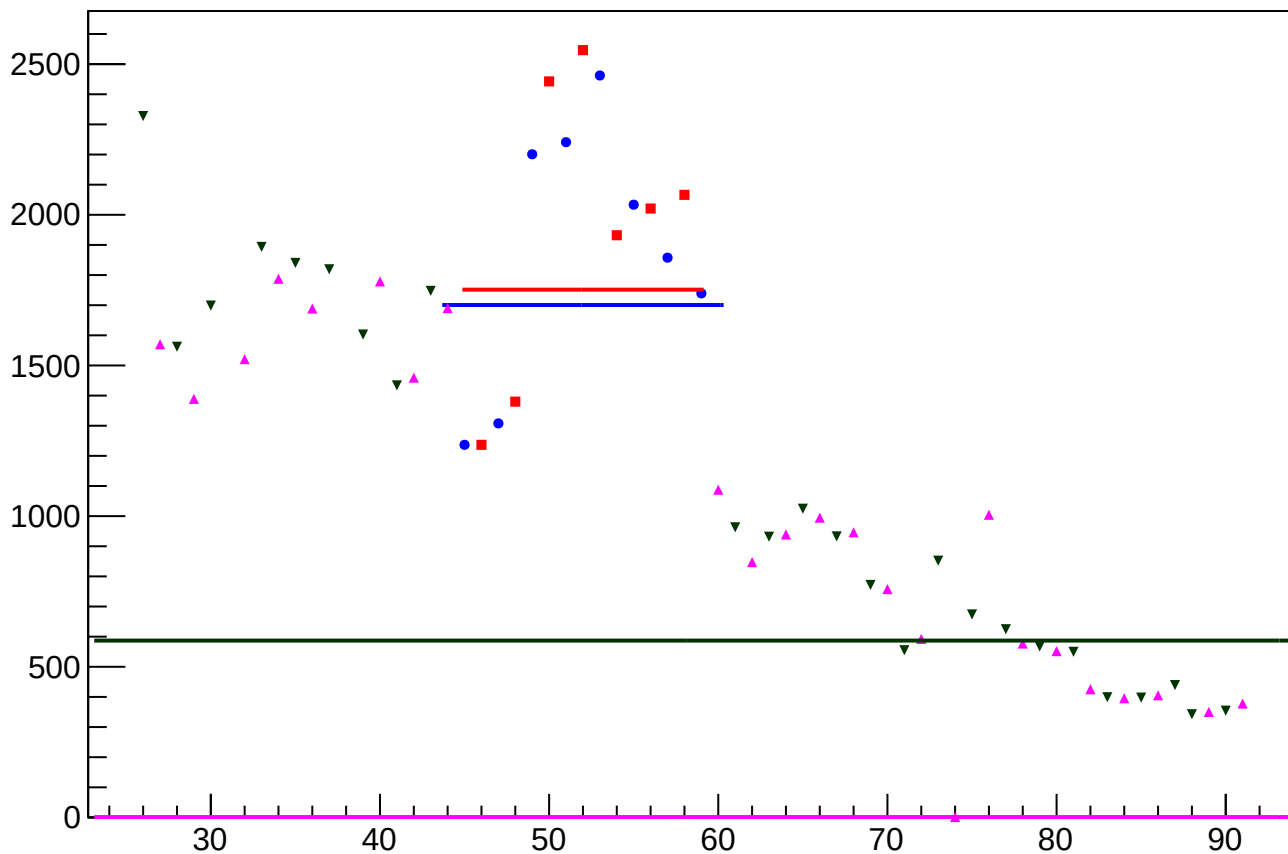
Left Out: 1106.035 ± 193.967 $\chi^2/\text{NDF}: 38.4/24$

-0.987 ± 2.417 $\chi^2/\text{NDF}: 114.0/63$

Right Out: 609.570 ± 977.508 $\chi^2/\text{NDF}: 6.5/6$

Left In: -1.180 ± 2.418 $\chi^2/\text{NDF}: 26.8/23$

asym_atr_avg_correction_rms vs slug



Right In: 1700.604 $\pm$ 0.565 χ^2 /NDF: 533801.9/7

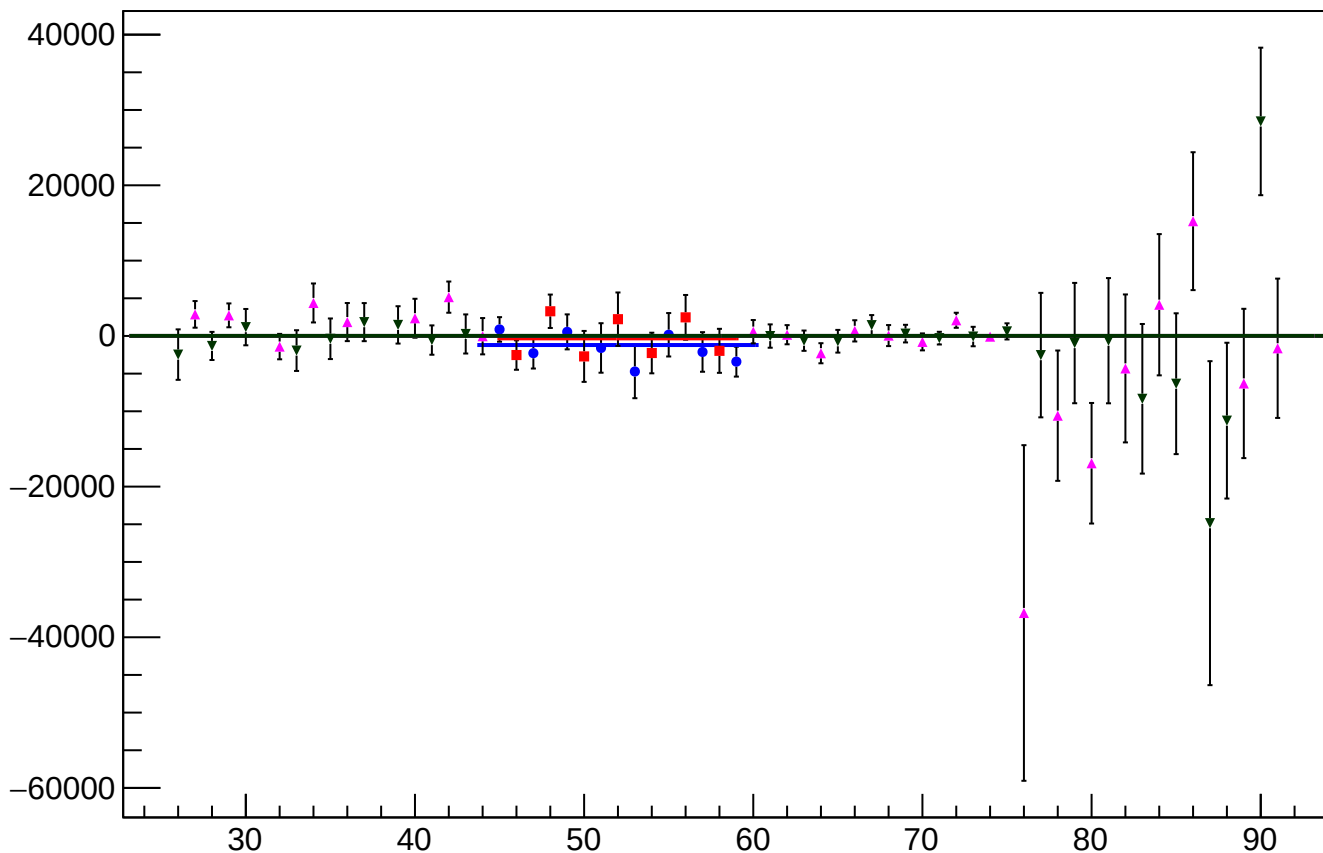
Left Out: 586.998 $\pm$ 0.137 χ^2 /NDF: 6255690.6/24

Right Out: 1751.598 $\pm$ 0.691 χ^2 /NDF: 446208.6/6

Left In: 1.322 $\pm$ 0.002 χ^2 /NDF: 25268762.1/23

1.439 $\pm$ 0.002 χ^2 /NDF: 66183816.3/63

asym_atr_avg_mean vs slug



Right In: -1204.438 ± 818.468 χ^2/NDF : 5.0/7

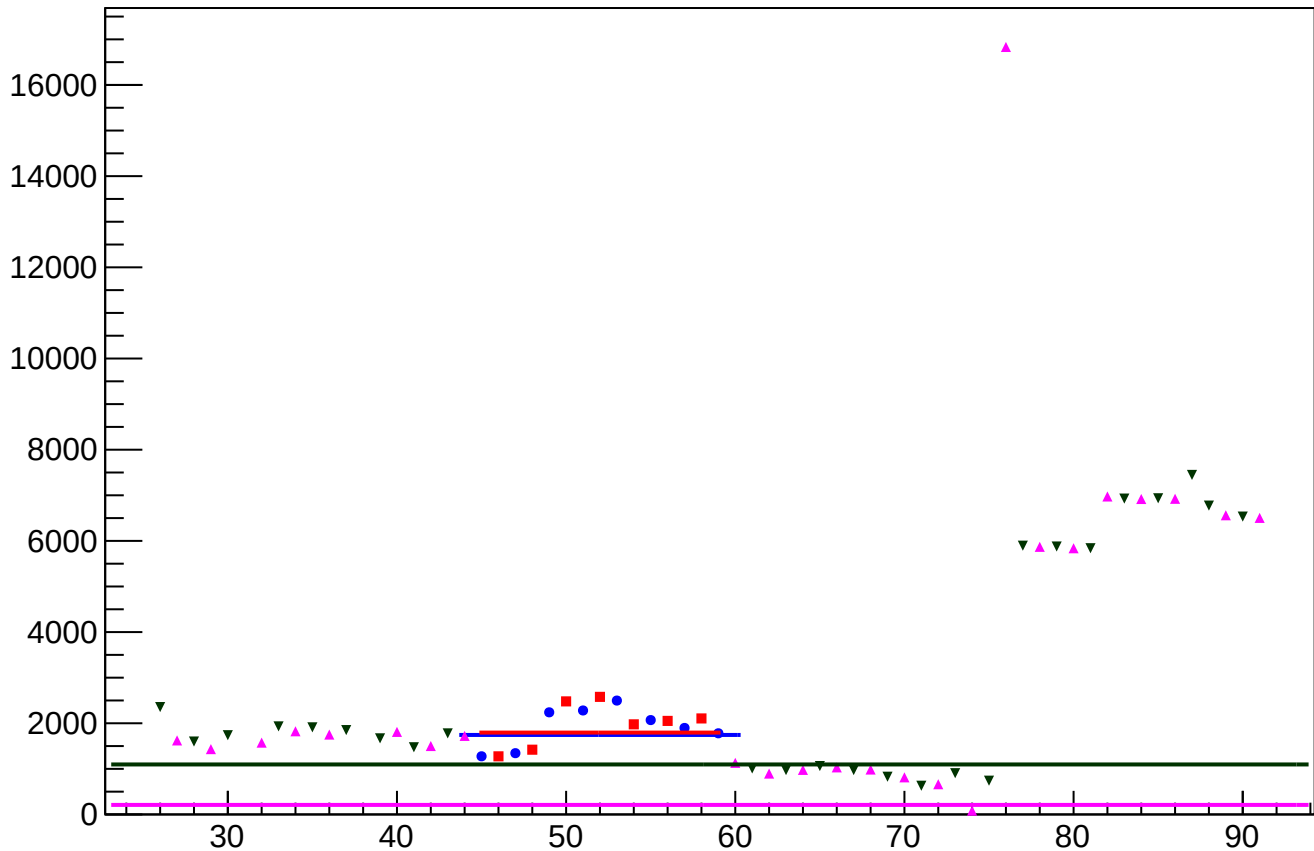
Left Out: 9.159 ± 372.226 χ^2/NDF : 17.1/24

-33.132 ± 123.424 χ^2/NDF : 68.6/63

Right Out: -318.744 ± 1000.092 χ^2/NDF : 6.7/6

Left In: -2.224 ± 133.709 χ^2/NDF : 37.6/23

asym_atr_avg_rms vs slug



Right In: 1743.868+/-0.579 χ^2/NDF : 510010.0/7

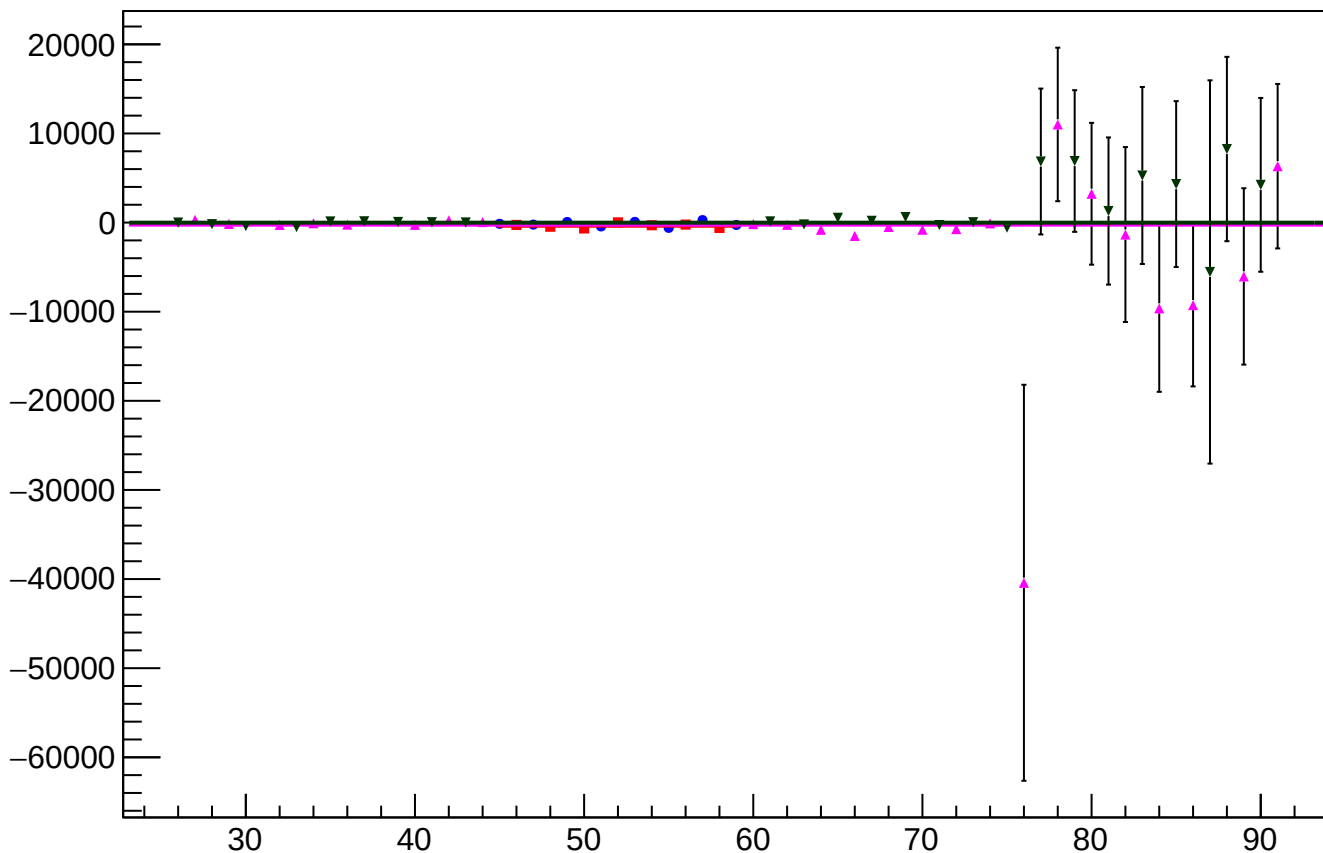
Left Out: 1096.720+/-0.263 χ^2/NDF : 7369902.9/24

Right Out: 1795.649+/-0.707 χ^2/NDF : 425127.2/6

Left In: 209.290+/-0.095 χ^2/NDF : 21233374.9/23

365.920+/-0.087 χ^2/NDF : 49748448.6/63

reg_asym_atr_dd_mean vs slug



Right In: -142.536+/-136.247 χ^2/NDF : 3.4/7

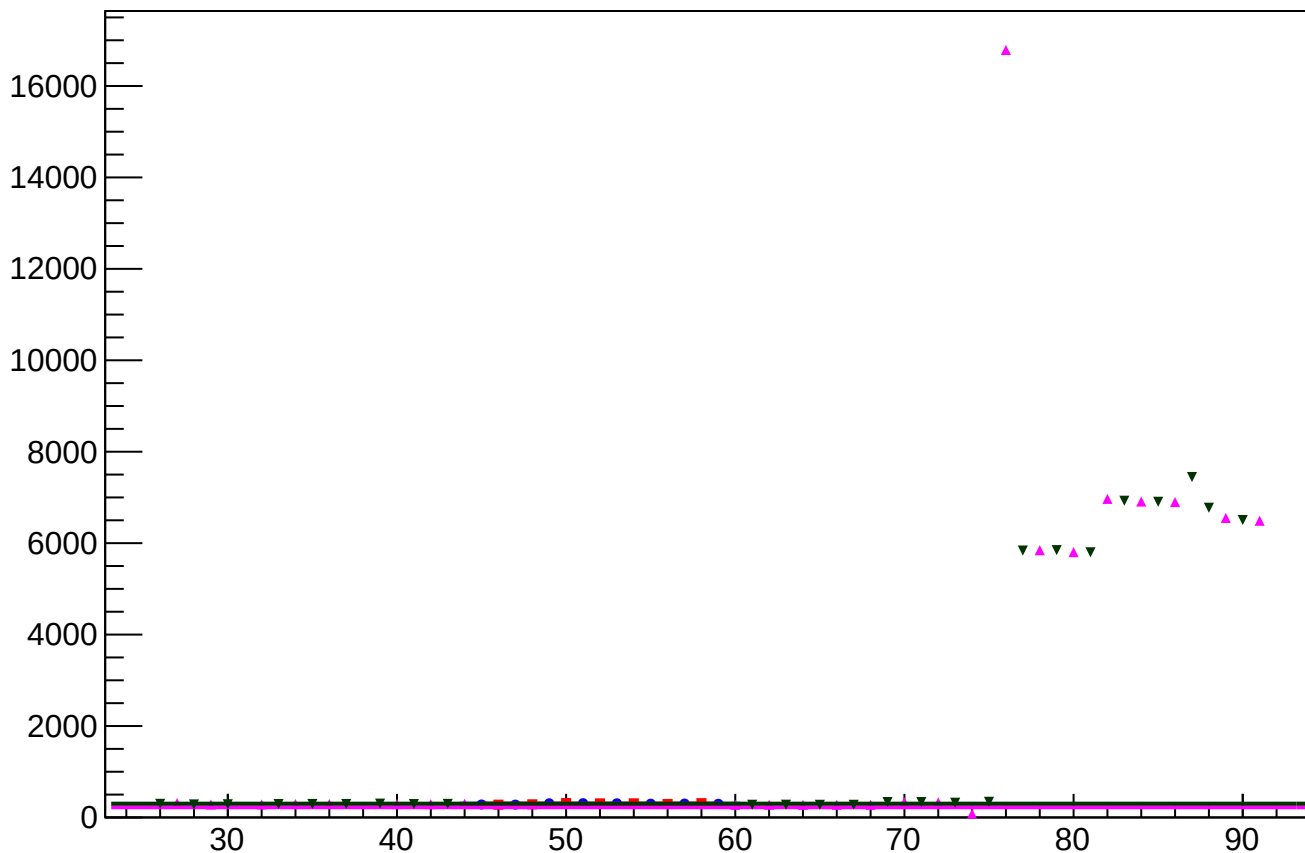
Left Out: -9.295+/-99.957 χ^2/NDF : 11.9/24

Right Out: -354.033+/-161.070 χ^2/NDF : 1.9/6

Left In: -235.499+/-80.400 χ^2/NDF : 30.4/23

-169.027+/-53.667 χ^2/NDF : 52.2/63

reg_asym_atr_dd_rms vs slug



Right In: 298.937+/-0.096 χ^2/NDF : 12289.3/7

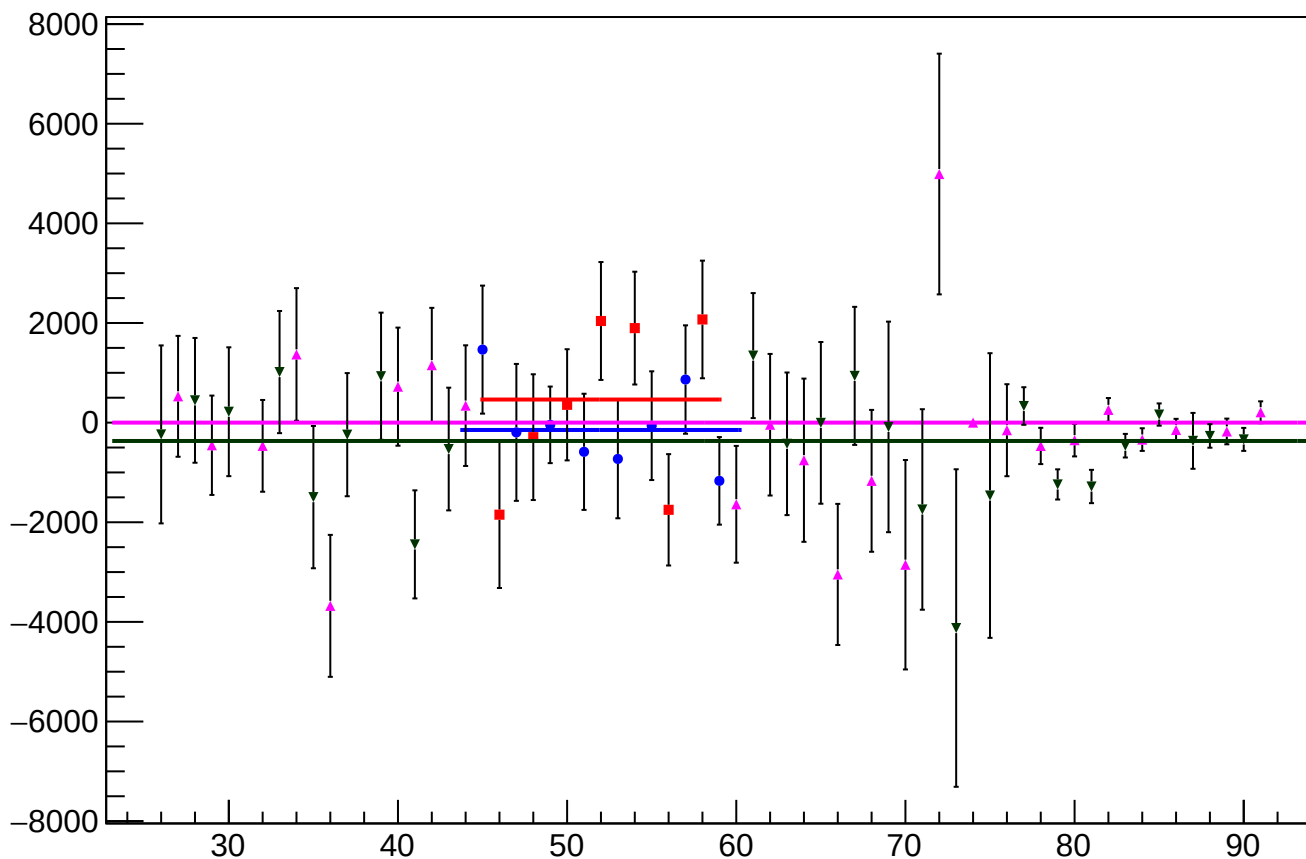
Left Out: 301.830+/-0.071 χ^2/NDF : 6568245.0/24

266.176+/-0.038 χ^2/NDF : 18439964.3/63

Right Out: 300.423+/-0.114 χ^2/NDF : 11969.0/6

Left In: 223.168+/-0.057 χ^2/NDF : 10814650.4/23

asym_atr_dd_correction_mean vs slug



Right In: -147.634 ± 371.467 χ^2/NDF : 4.2/7

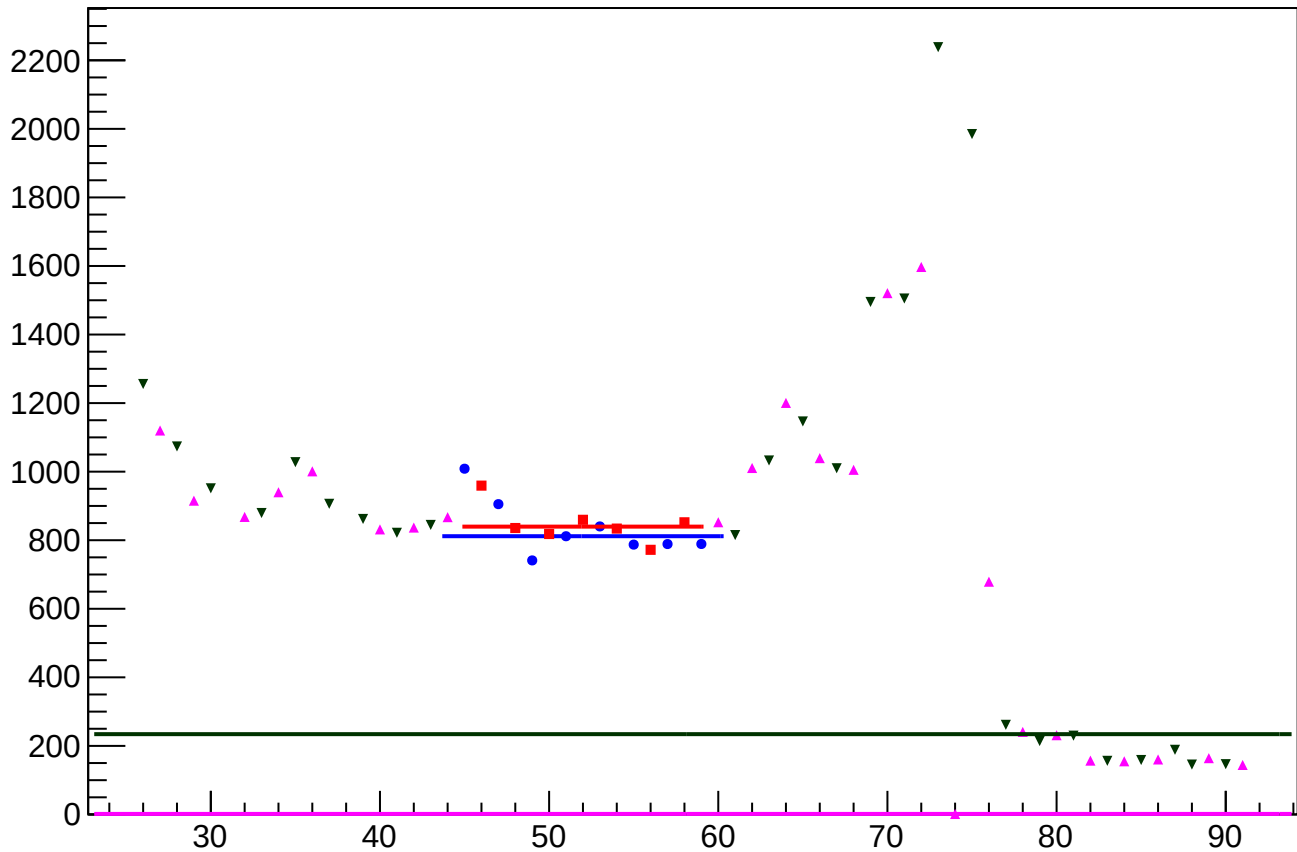
Left Out: -368.311 ± 94.153 χ^2/NDF : 37.3/24

Right Out: 463.580 ± 451.527 χ^2/NDF : 12.0/6

Left In: 0.041 ± 2.637 χ^2/NDF : 31.5/23

-0.239 ± 2.636 χ^2/NDF : 101.5/63

asym_atr_dd_correction_rms vs slug



Right In: 811.704 $\pm$ 0.263 χ^2 /NDF: 77489.3/7

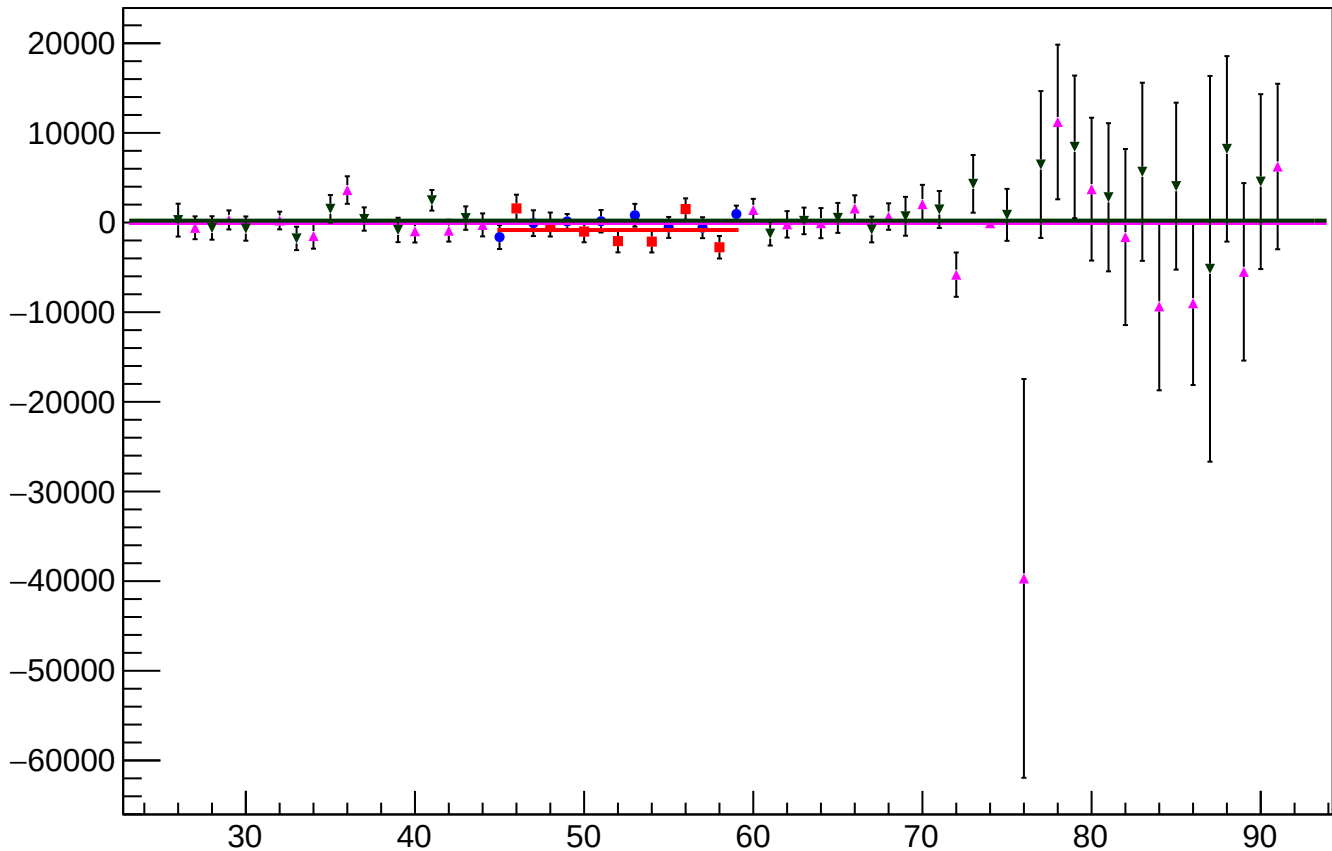
Left Out: 234.254 $\pm$ 0.067 χ^2 /NDF:11897305.7/24

1.825 $\pm$ 0.002 χ^2 /NDF: 65257033.8/63

Right Out: 839.660 $\pm$ 0.319 χ^2 /NDF: 22144.5/6

Left In: 1.573 $\pm$ 0.002 χ^2 /NDF:24660483.5/23

asym_atr_dd_mean vs slug



Right In: 13.341 ± 396.920 χ^2/NDF : 3.4/7

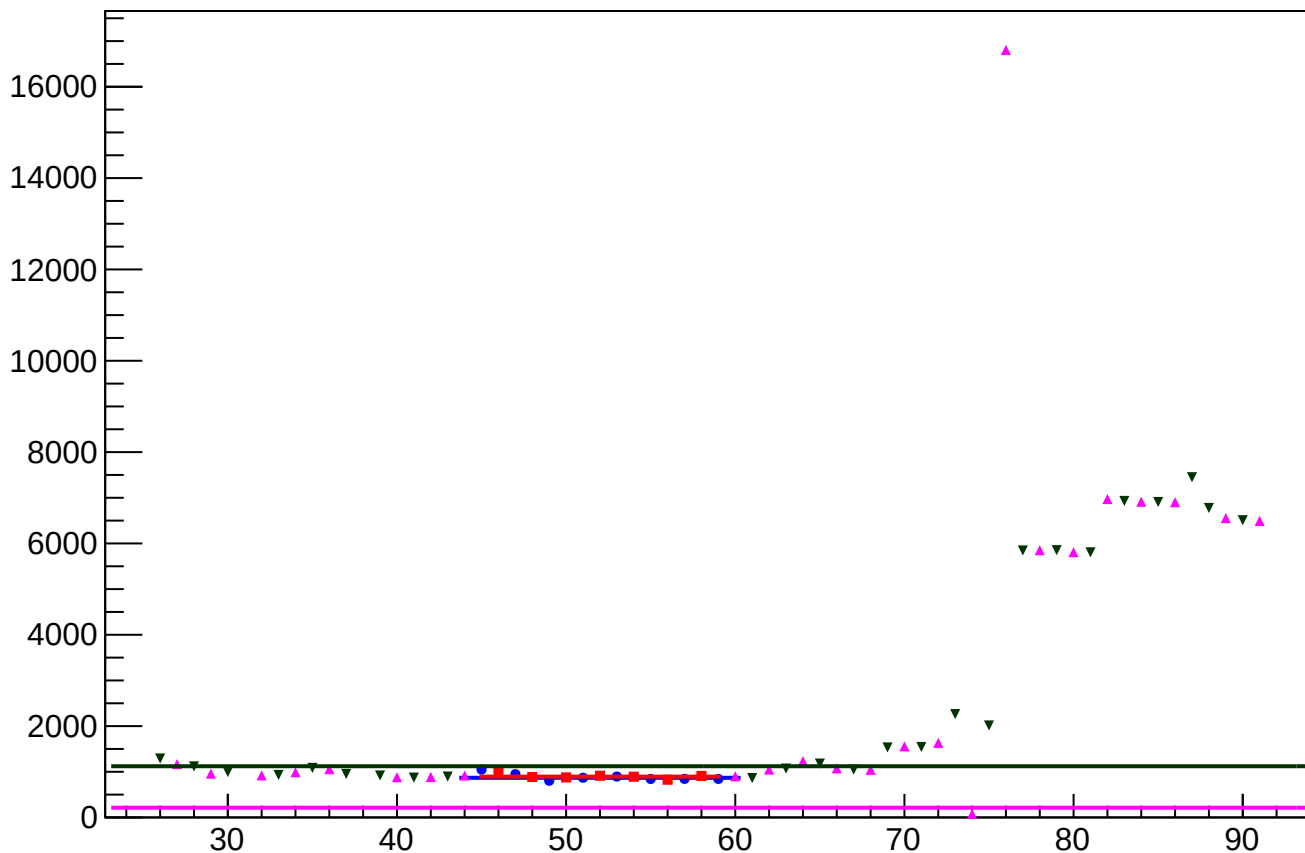
Left Out: 213.037 ± 364.506 χ^2/NDF : 15.3/24

Right Out: -833.682 ± 480.473 χ^2/NDF : 11.0/6

Left In: -47.734 ± 128.515 χ^2/NDF : 25.3/23

-61.120 ± 112.686 χ^2/NDF : 58.1/63

asym_atr_dd_rms vs slug



Right In: 868.358+/-0.281 χ^2/NDF : 58451.7/7

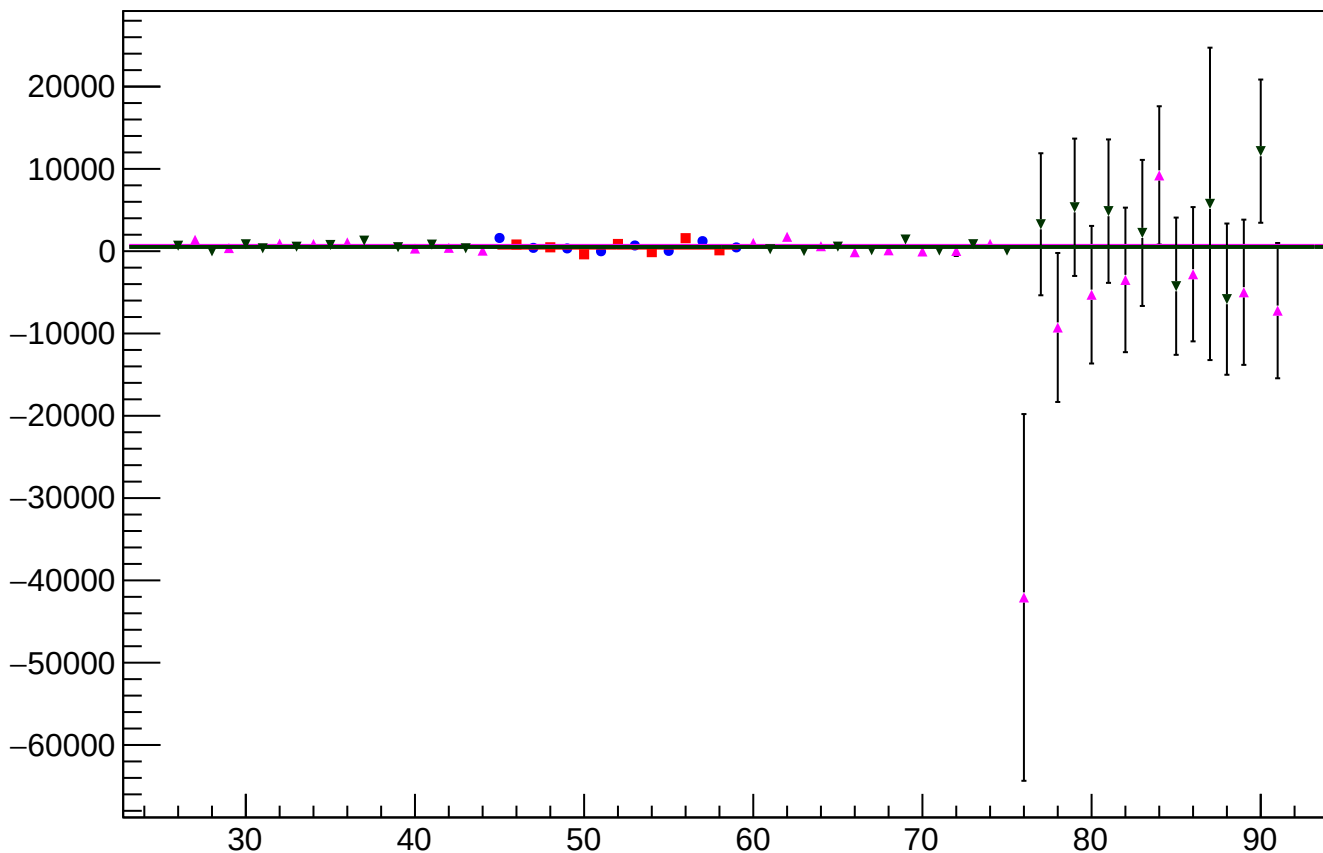
Left Out: 1121.743+/-0.258 χ^2/NDF : 5843799.6/24

Right Out: 894.243+/-0.340 χ^2/NDF : 17166.2/6

Left In: 213.614+/-0.091 χ^2/NDF : 20547278.5/23

390.615+/-0.080 χ^2/NDF : 43401811.8/63

reg_asym_at1_avg_mean vs slug



Right In: 605.253+/-162.253 χ^2/NDF : 10.3/7

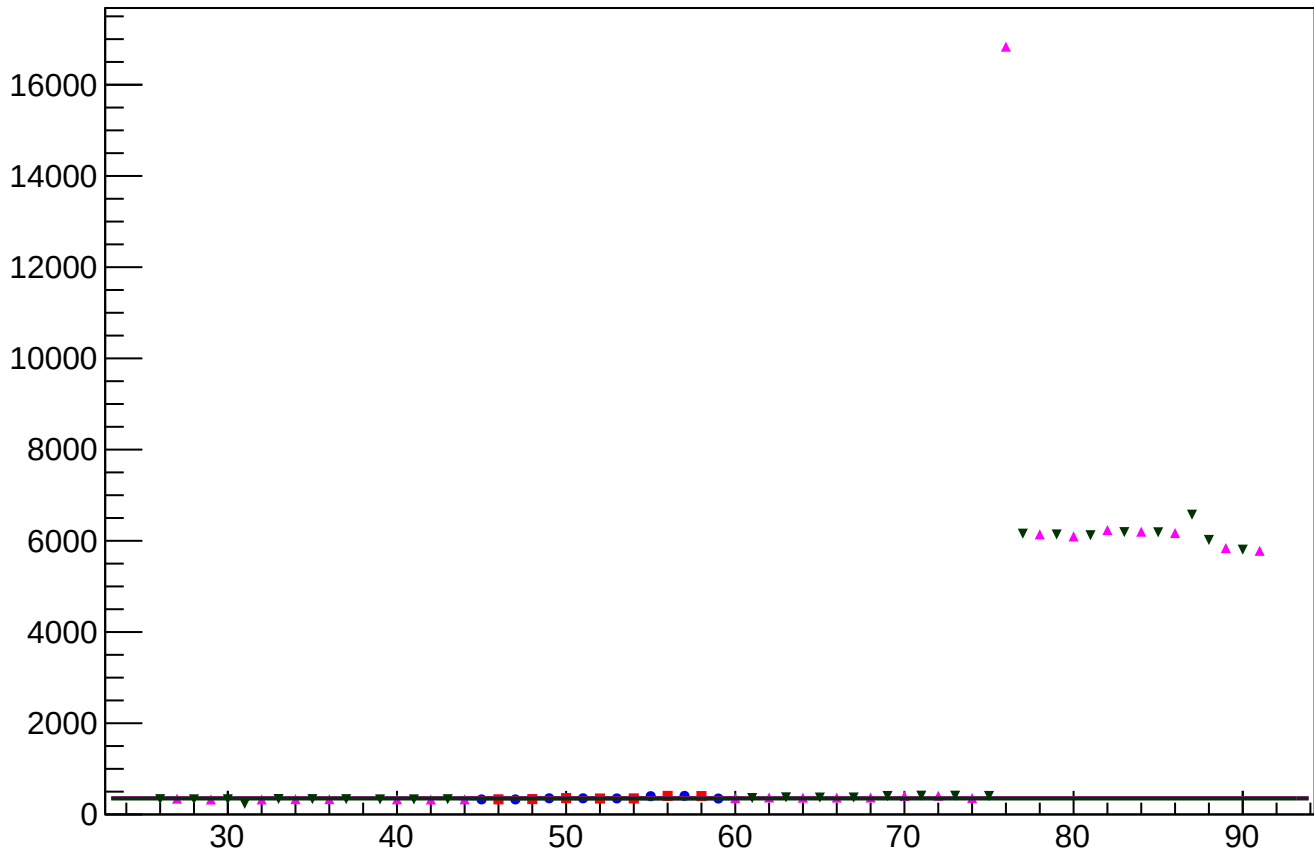
Left Out: 514.917+/-114.389 χ^2/NDF : 15.6/25

Right Out: 430.483+/-193.079 χ^2/NDF : 9.7/6

Left In: 643.512+/-116.647 χ^2/NDF : 27.3/23

564.363+/-68.243 χ^2/NDF : 64.0/64

reg_asym_at1_avg_rms vs slug



Right In: 355.391+/-0.115 χ^2/NDF : 43645.6/7

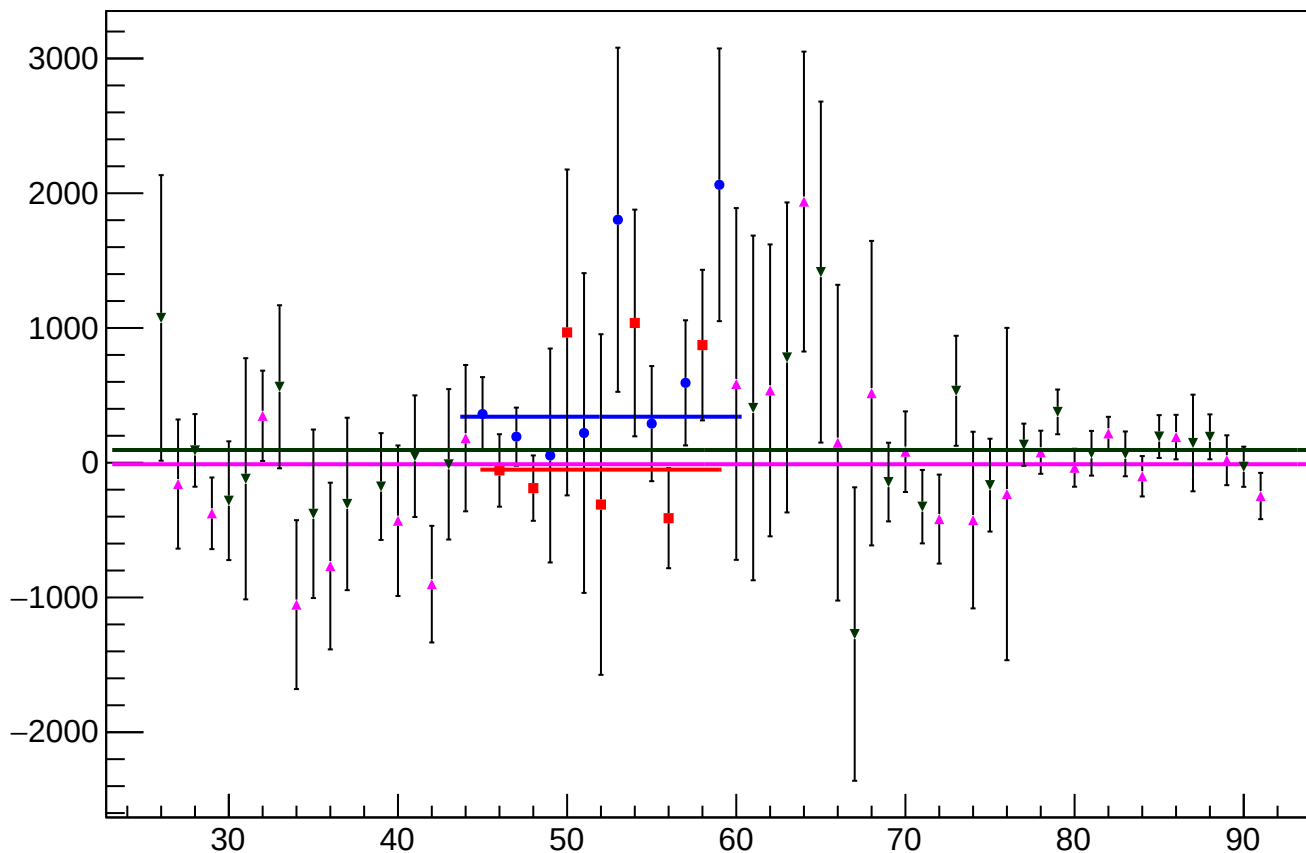
Left Out: 350.733+/-0.081 χ^2/NDF : 6648875.0/25

Right Out: 359.482+/-0.137 χ^2/NDF : 36341.4/6

Left In: 358.513+/-0.082 χ^2/NDF : 7462473.4/23

355.313+/-0.048 χ^2/NDF : 14196980.0/64

asym_at1_avg_correction_mean vs slug



Right In: 341.508 ± 143.110 χ^2/NDF : 5.1/7

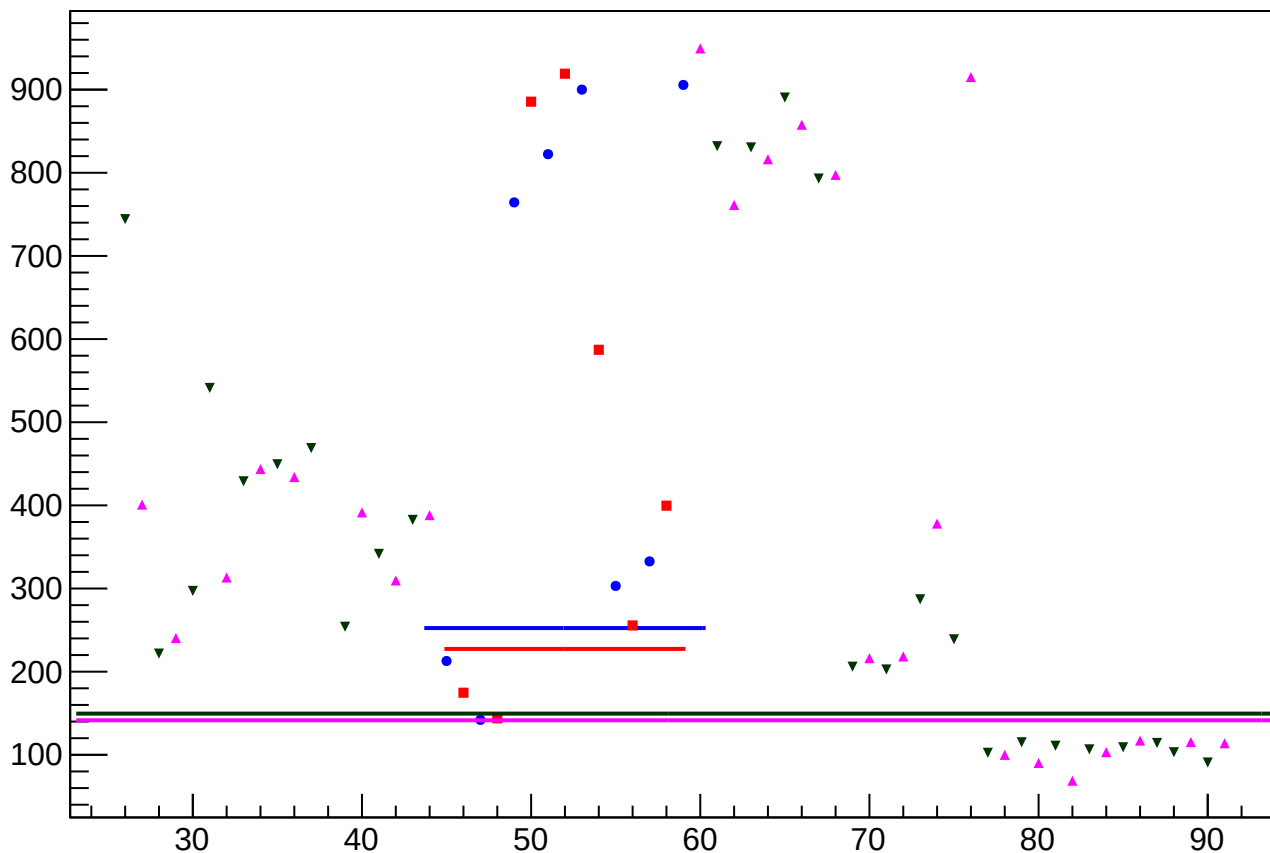
Left Out: 94.553 ± 52.430 χ^2/NDF : 16.0/25

Right Out: -51.200 ± 150.726 χ^2/NDF : 6.4/6

Left In: -11.173 ± 51.895 χ^2/NDF : 25.7/23

53.952 ± 34.754 χ^2/NDF : 60.0/64

asym_at1_avg_correction_rms vs slug



Right In: 252.451+/-0.101 χ^2/NDF : 3294534.4/7

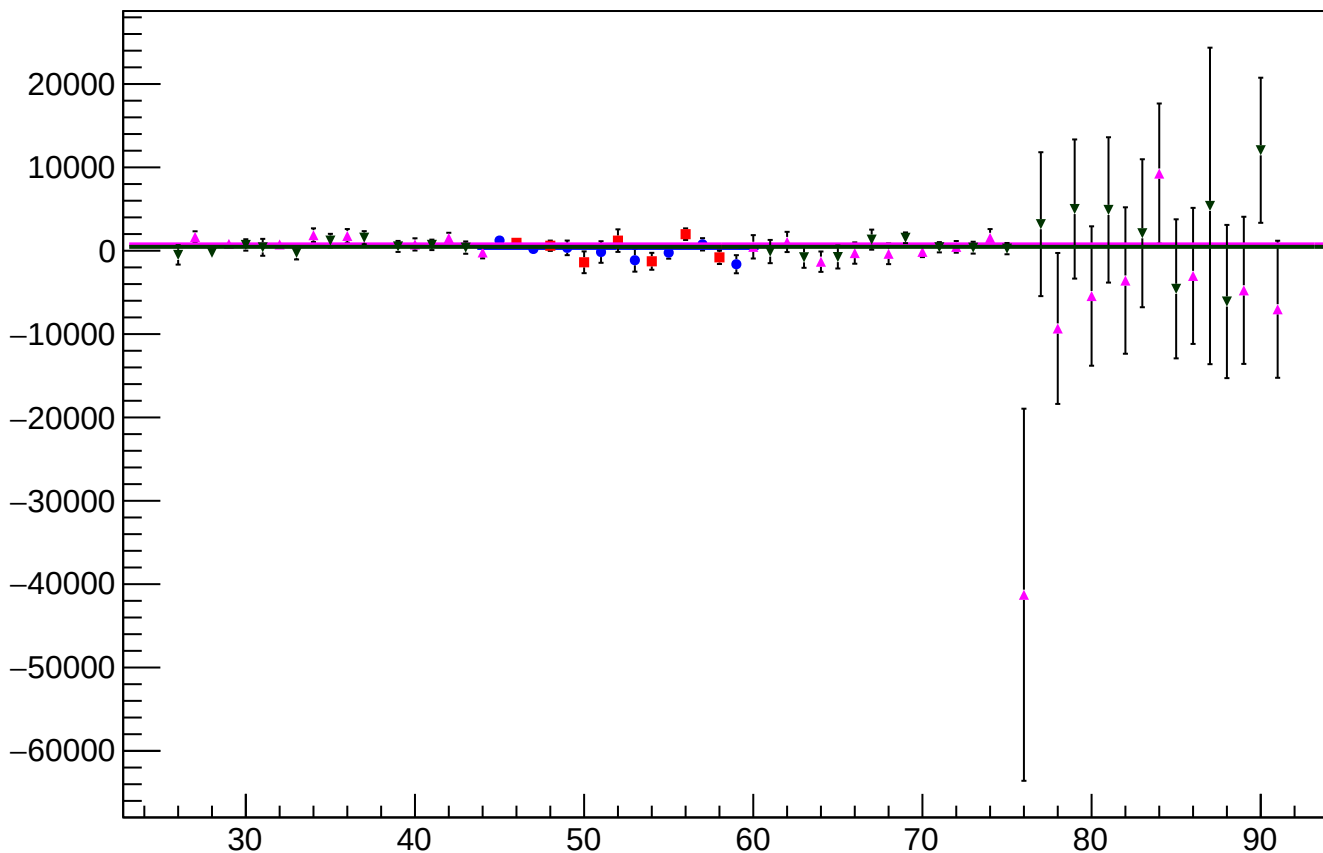
Left Out: 149.563+/-0.037 χ^2/NDF : 7906434.6/25

Right Out: 227.379+/-0.107 χ^2/NDF : 2072824.8/6

Left In: 141.541+/-0.037 χ^2/NDF : 9637322.8/23

156.170+/-0.025 χ^2/NDF : 24453445.7/64

asym_at1_avg_mean vs slug



Right In: 337.832 $\pm$ 264.323 χ^2 /NDF: 8.6/7

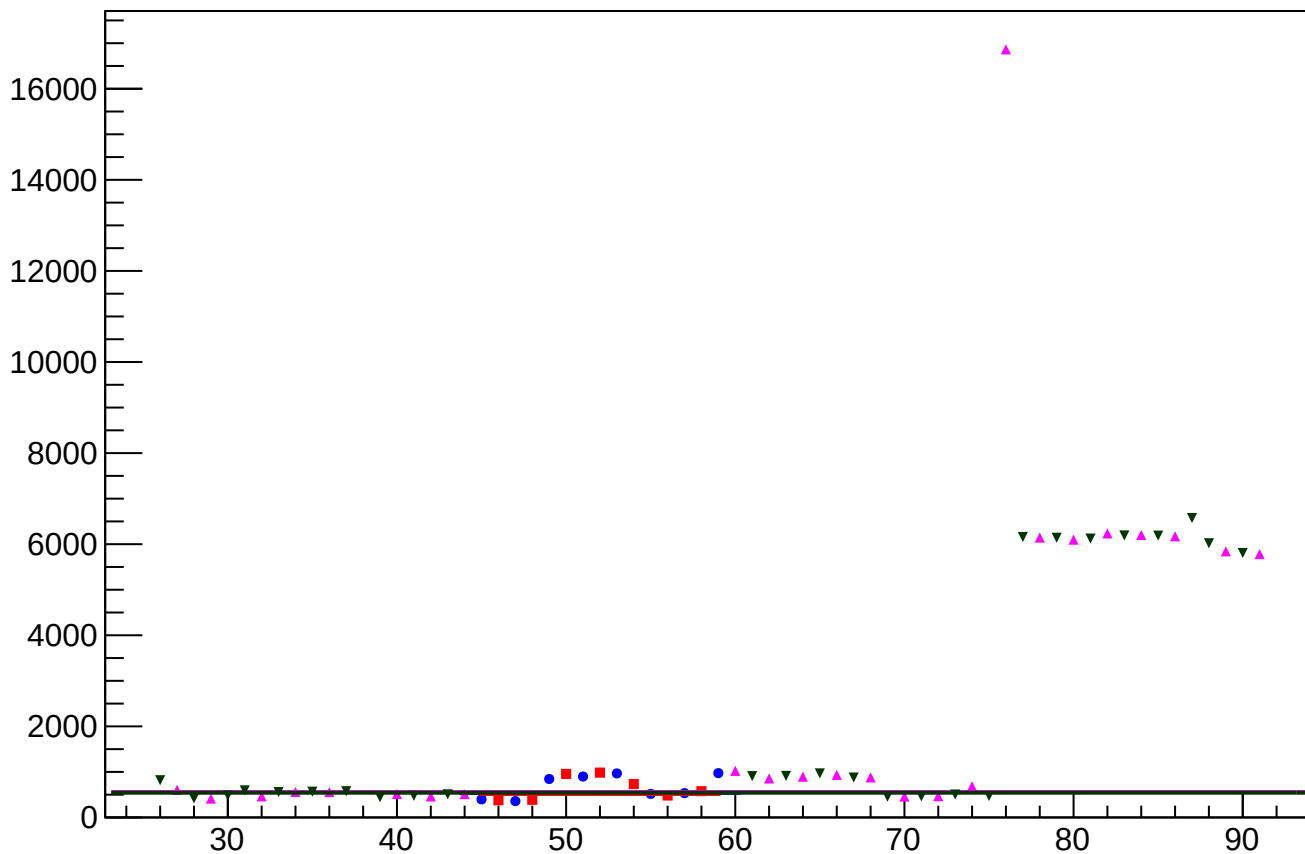
Left Out: 467.156 $\pm$ 179.679 χ^2 /NDF:15.5/25

Right Out: 516.753 $\pm$ 297.014 χ^2 /NDF: 13.2/6

Left In: 763.296 $\pm$ 186.434 χ^2 /NDF:23.6/23

551.838 $\pm$ 108.215 χ^2 /NDF: 63.1/64

asym_at1_avg_rms vs slug



Right In: 538.857+/-0.187 χ^2/NDF : 1289070.7/7

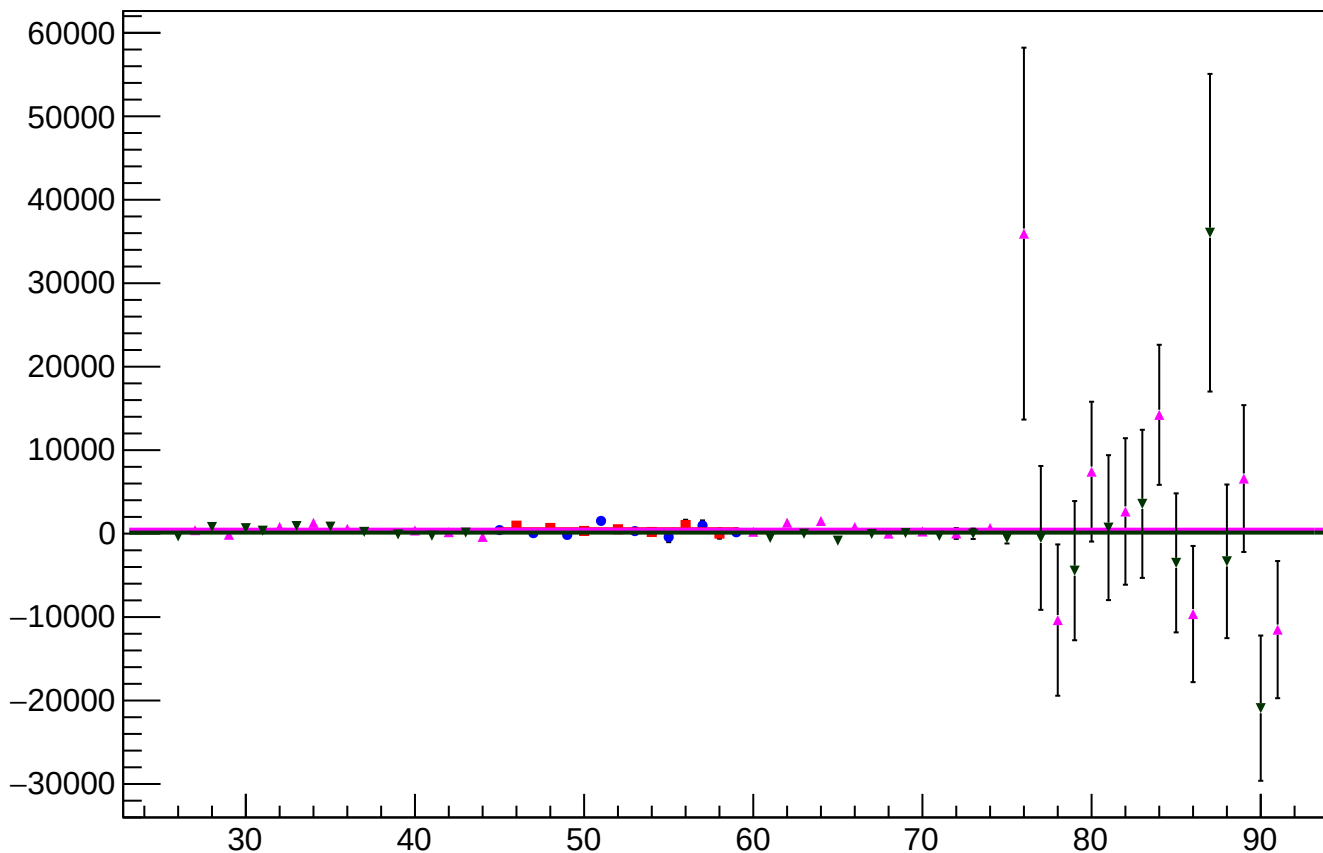
Left Out: 543.448+/-0.127 χ^2/NDF : 7024523.6/25

Right Out: 515.954+/-0.210 χ^2/NDF : 777057.5/6

Left In: 557.941+/-0.132 χ^2/NDF : 8171616.3/23

543.912+/-0.077 χ^2/NDF : 17292059.5/64

reg_asym_at1_dd_mean vs slug



Right In: 298.023+/-171.106 χ^2/NDF : 9.3/7

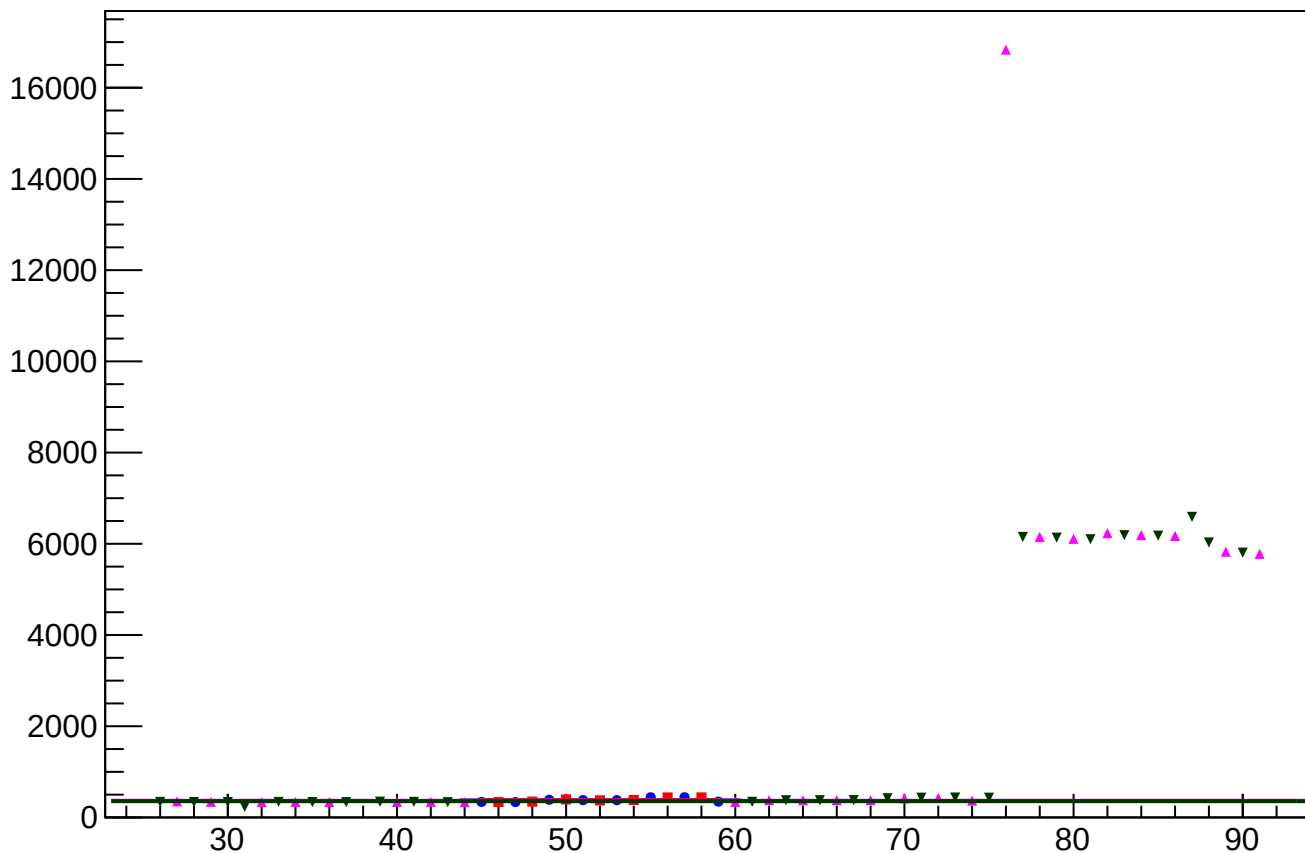
Left Out: 119.481+/-116.626 χ^2/NDF : 27.9/25

Right Out: 525.119+/-206.132 χ^2/NDF : 2.7/6

Left In: 473.202+/-119.023 χ^2/NDF : 30.4/23

320.738+/-70.394 χ^2/NDF : 75.9/64

reg_asym_at1_dd_rms vs slug



Right In: 373.838+/-0.121 χ^2/NDF : 84906.2/7

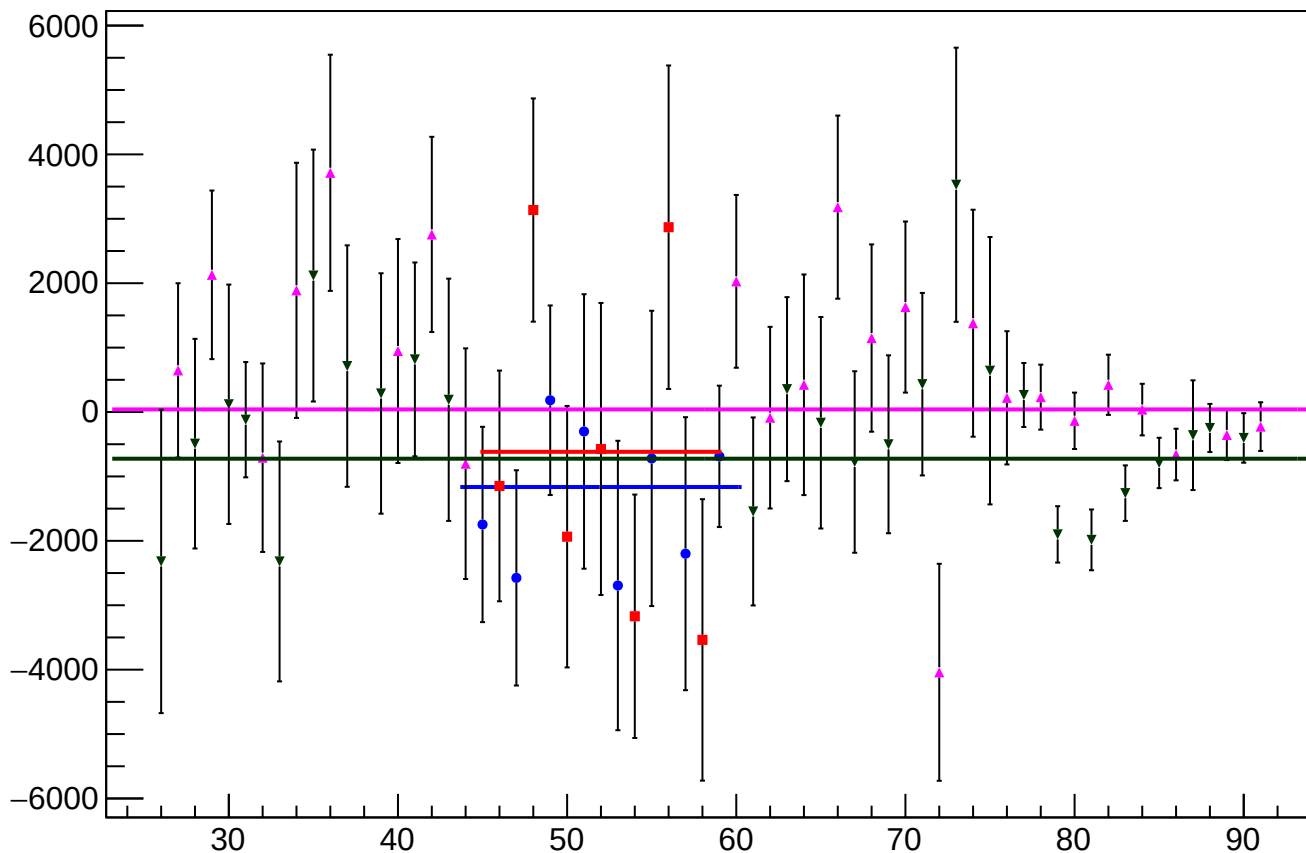
Left Out: 357.138+/-0.082 χ^2/NDF : 6695496.8/25

Right Out: 383.069+/-0.146 χ^2/NDF : 57787.6/6

Left In: 365.676+/-0.084 χ^2/NDF : 7455411.0/23

365.975+/-0.050 χ^2/NDF : 14323075.2/64

asym_at1_dd_correction_mean vs slug



Right In: -1164.363 ± 585.599 $\chi^2/\text{NDF}: 2.8/7$

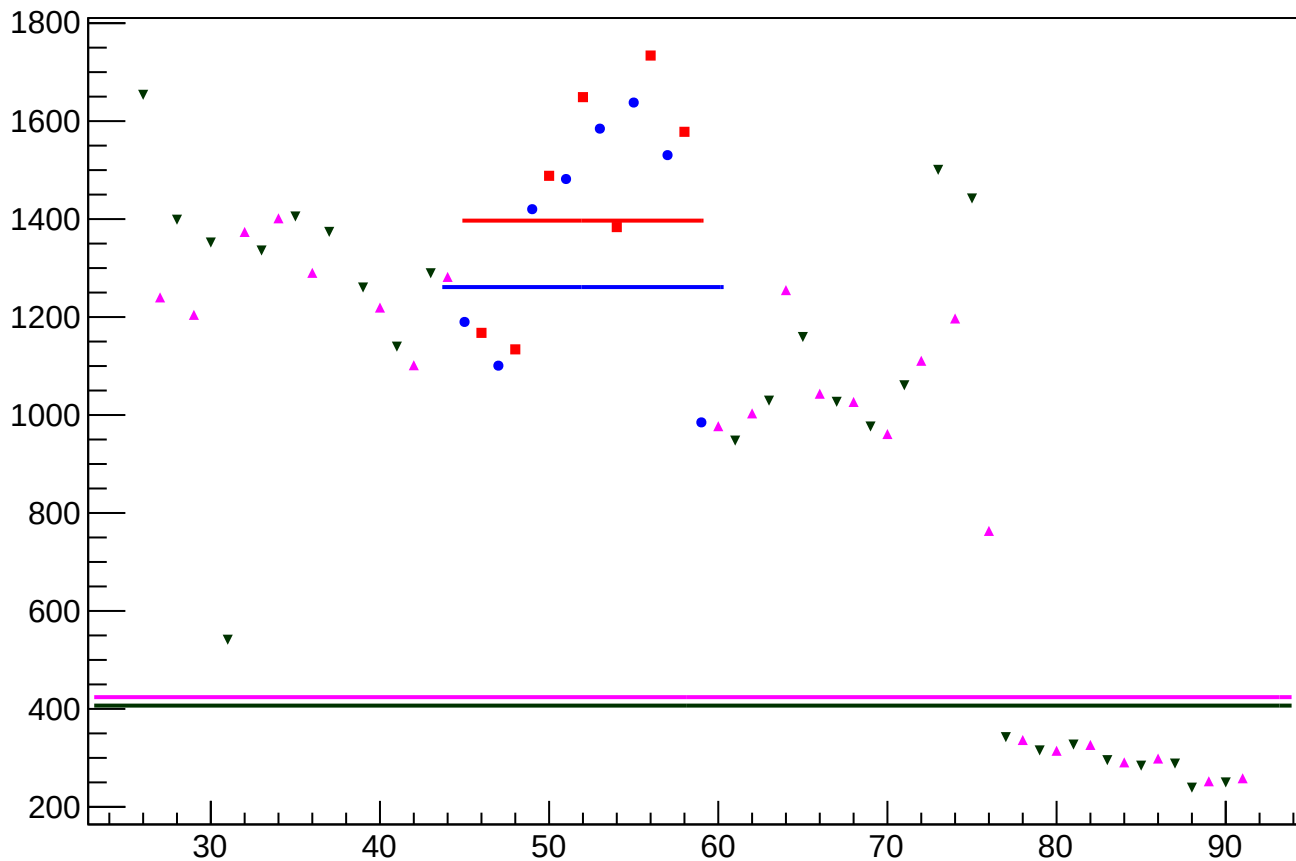
Left Out: -724.742 ± 143.999 $\chi^2/\text{NDF}: 34.7/25$

Right Out: -618.026 ± 760.294 $\chi^2/\text{NDF}: 10.7/6$

Left In: 40.525 ± 145.007 $\chi^2/\text{NDF}: 32.8/23$

-373.281 ± 99.786 $\chi^2/\text{NDF}: 97.0/64$

asym_at1_dd_correction_rms vs slug



Right In: 1261.199 ± 0.414 χ^2/NDF : 322081.5/7

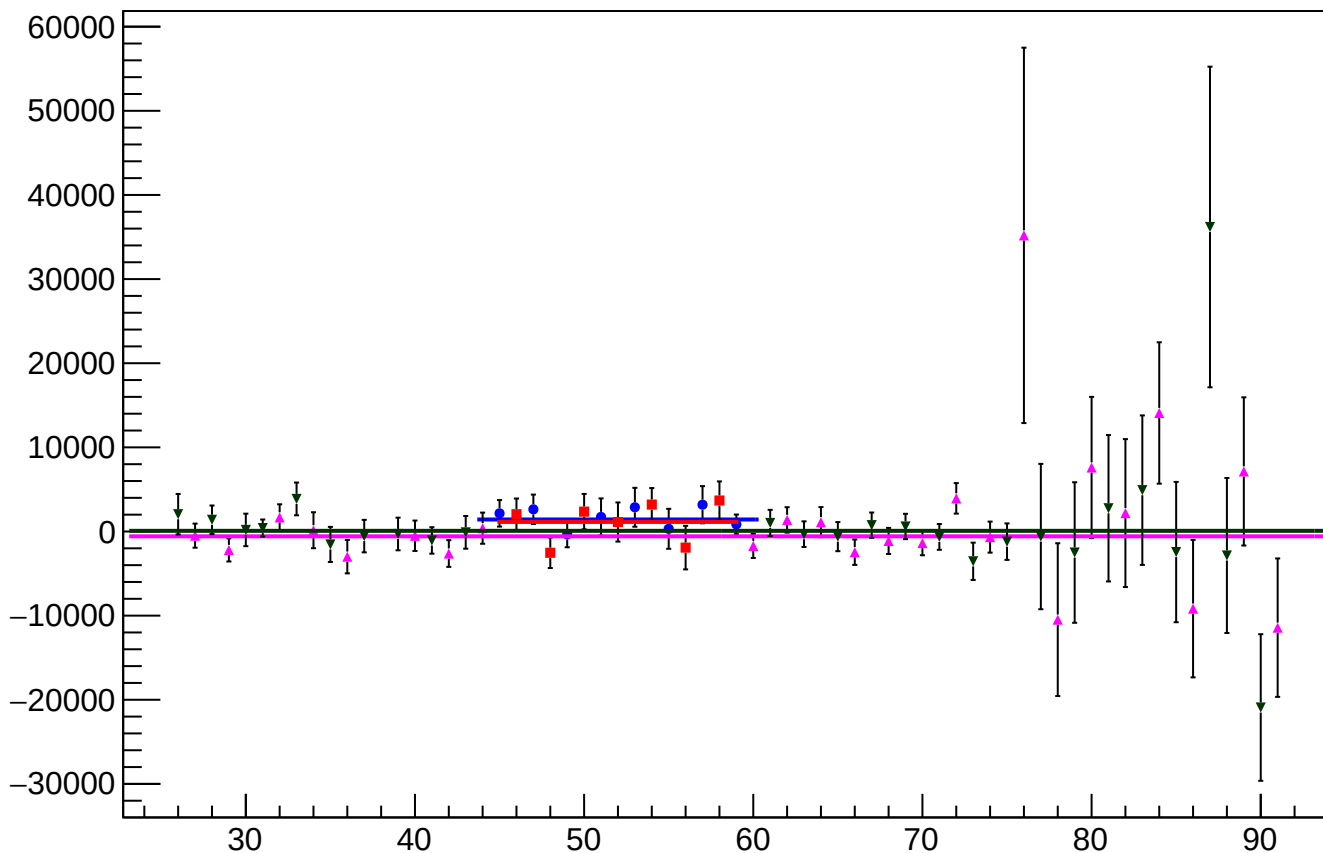
Left Out: 406.760 ± 0.102 χ^2/NDF : 9286487.6/25

Right Out: 1396.866 ± 0.538 χ^2/NDF : 157415.9/6

Left In: 424.023 ± 0.103 χ^2/NDF : 9085968.5/23

456.799 ± 0.071 χ^2/NDF : 26027030.0/64

asym_at1_dd_mean vs slug



Right In: 1427.046+/-611.810 χ^2/NDF : 3.6/7

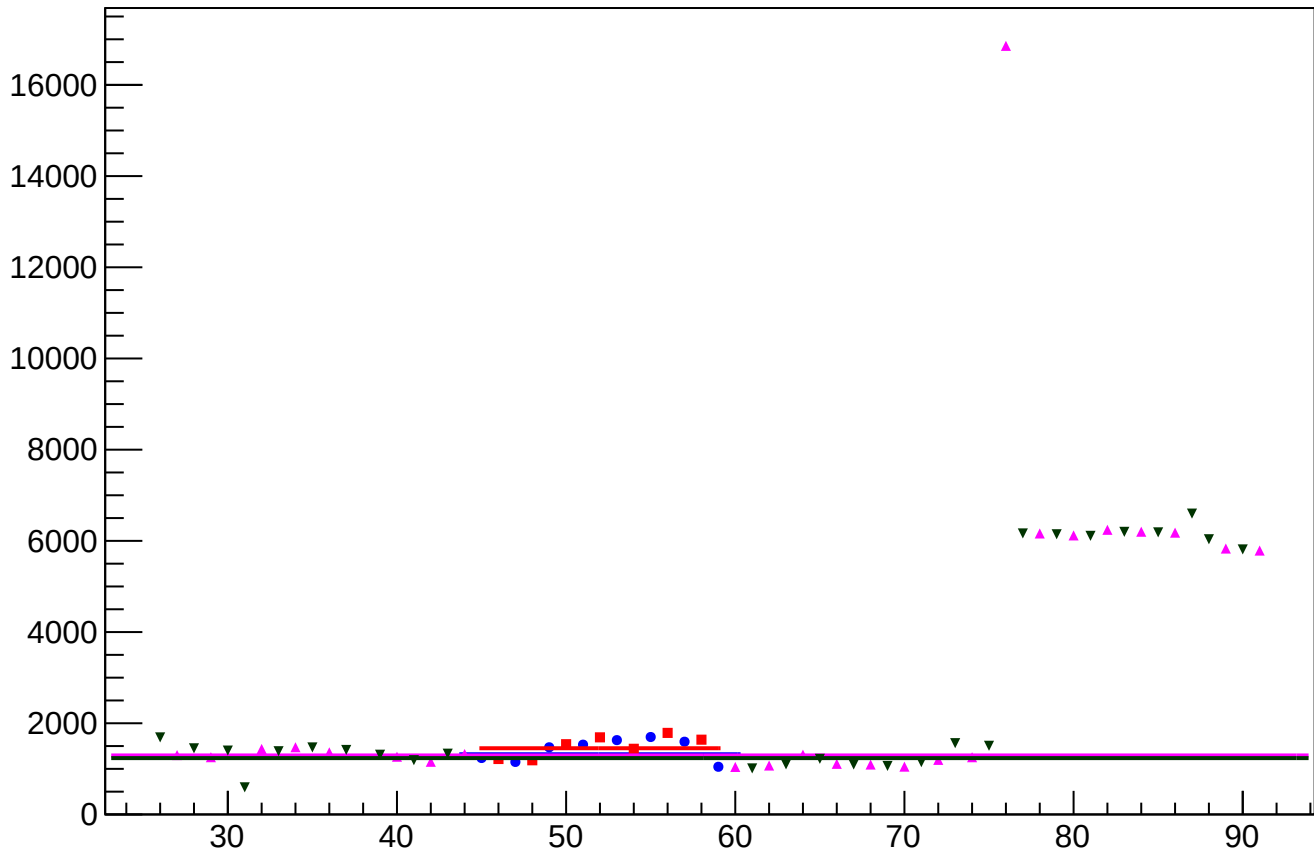
Left Out: 78.202+/-393.414 χ^2/NDF : 20.7/25

Right Out: 1136.042+/-789.262 χ^2/NDF : 8.4/6

Left In: -573.031+/-402.697 χ^2/NDF : 29.9/23

154.266+/-243.220 χ^2/NDF : 71.7/64

asym_at1_dd_rms vs slug



Right In: 1320.206+/-0.433 χ^2/NDF : 291255.6/7

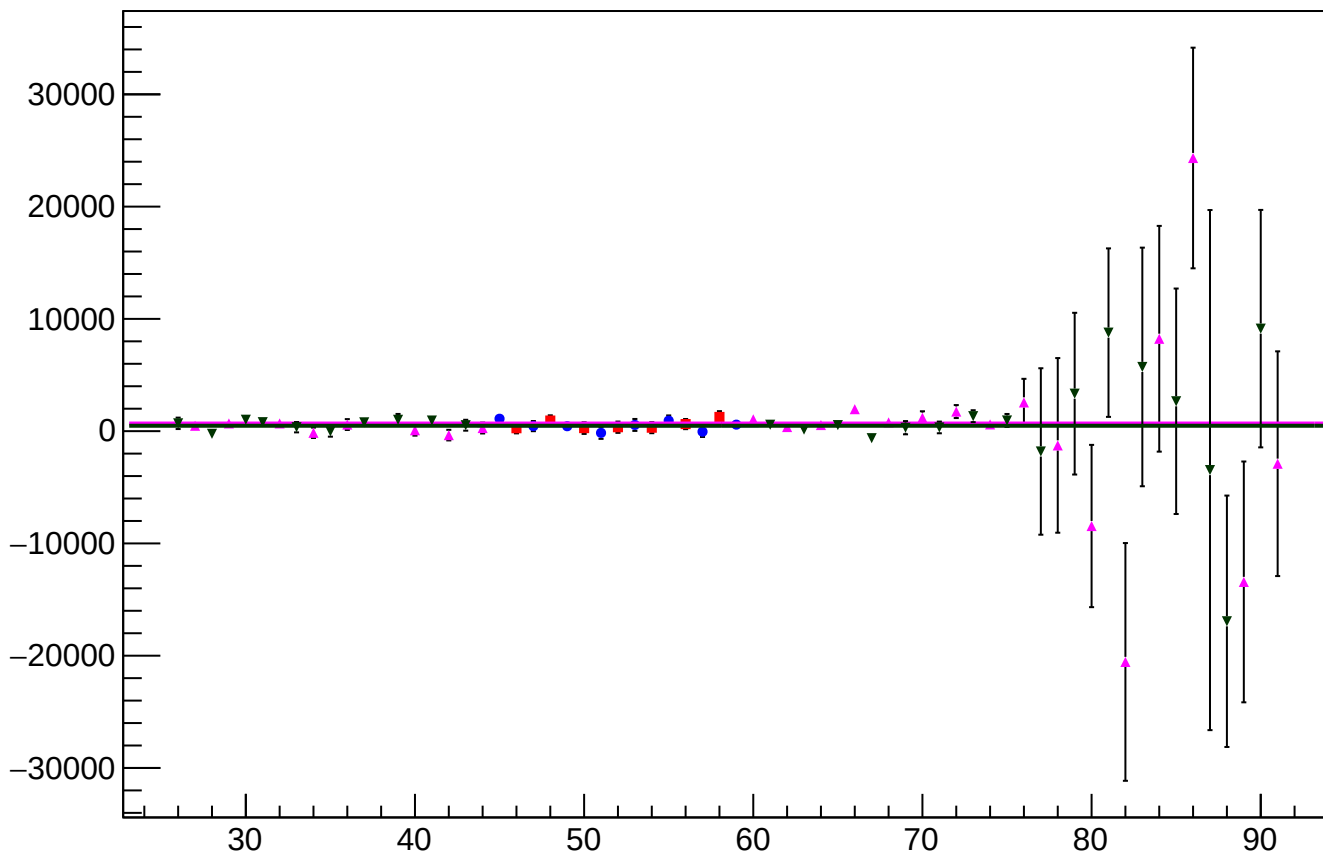
Left Out: 1235.654+/-0.278 χ^2/NDF : 5715794.8/25

Right Out: 1451.930+/-0.558 χ^2/NDF : 146601.3/6

Left In: 1294.120+/-0.285 χ^2/NDF : 5651541.3/23

1290.883+/-0.172 χ^2/NDF : 11932603.5/64

reg_asym_at2_avg_mean vs slug



Right In: 531.682 $\pm$ 152.091 χ^2 /NDF: 6.1/7

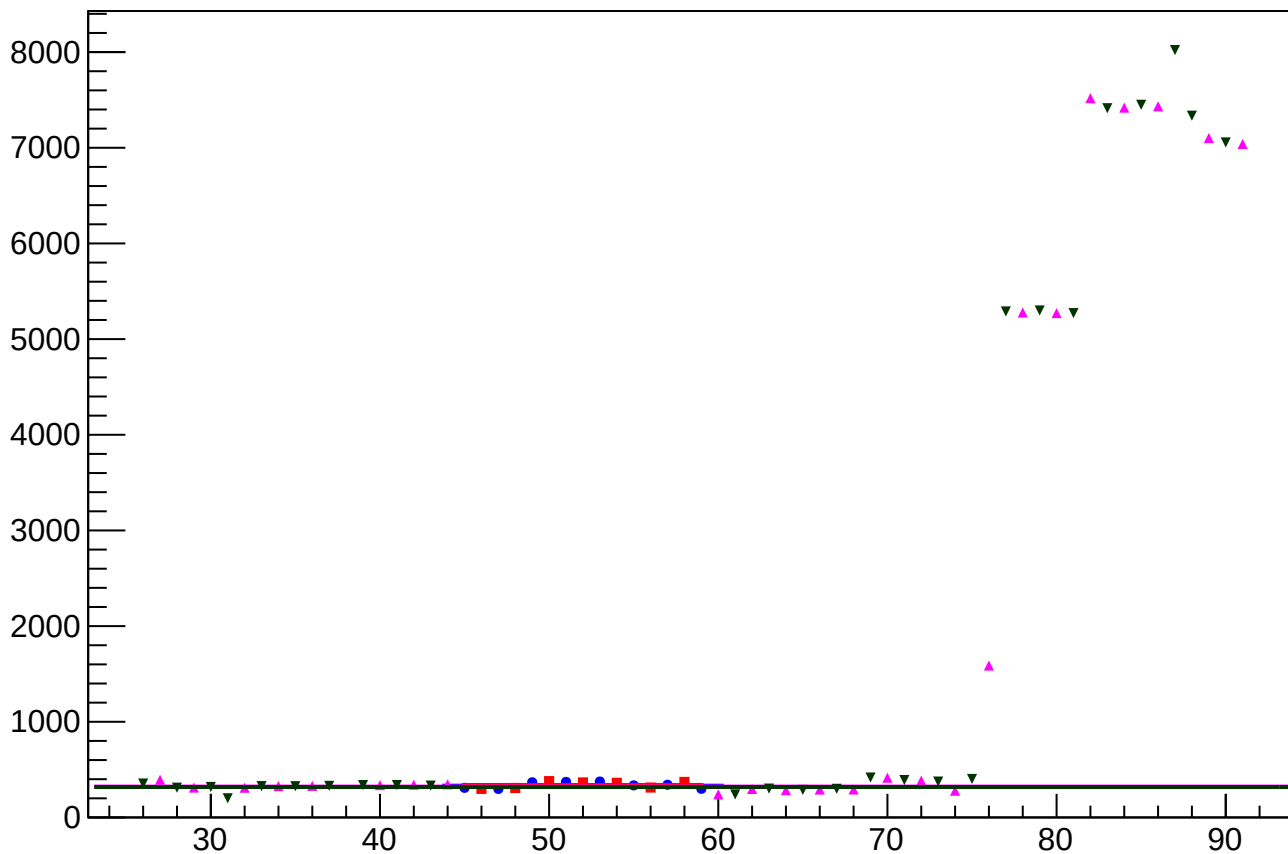
Left Out: 481.447 $\pm$ 104.681 χ^2 /NDF: 26.7/25

Right Out: 572.877 $\pm$ 183.023 χ^2 /NDF: 3.7/6

Left In: 679.414 $\pm$ 105.169 χ^2 /NDF: 41.8/23

570.944 $\pm$ 62.653 χ^2 /NDF: 80.2/64

reg_asym_at2_avg_rms vs slug



Right In: 331.980+/-0.108 χ^2/NDF : 79423.9/7

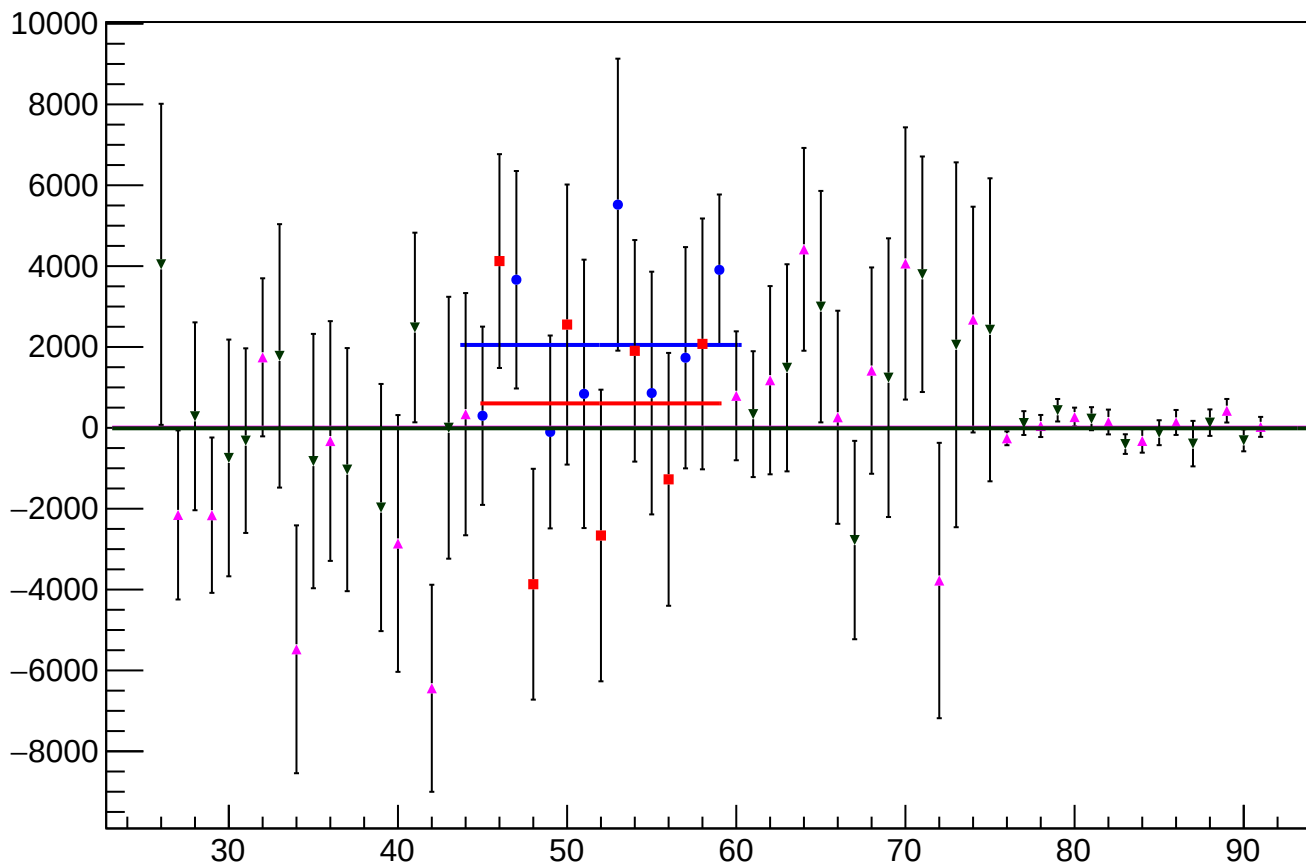
Left Out: 318.044+/-0.074 χ^2/NDF : 6988623.5/25

324.608+/-0.044 χ^2/NDF : 14635457.3/64

Right Out: 339.436+/-0.129 χ^2/NDF : 61615.5/6

Left In: 322.812+/-0.074 χ^2/NDF : 7479521.0/23

asym_at2_avg_correction_mean vs slug



Right In: 2050.497+/-905.627 χ^2/NDF : 4.0/7

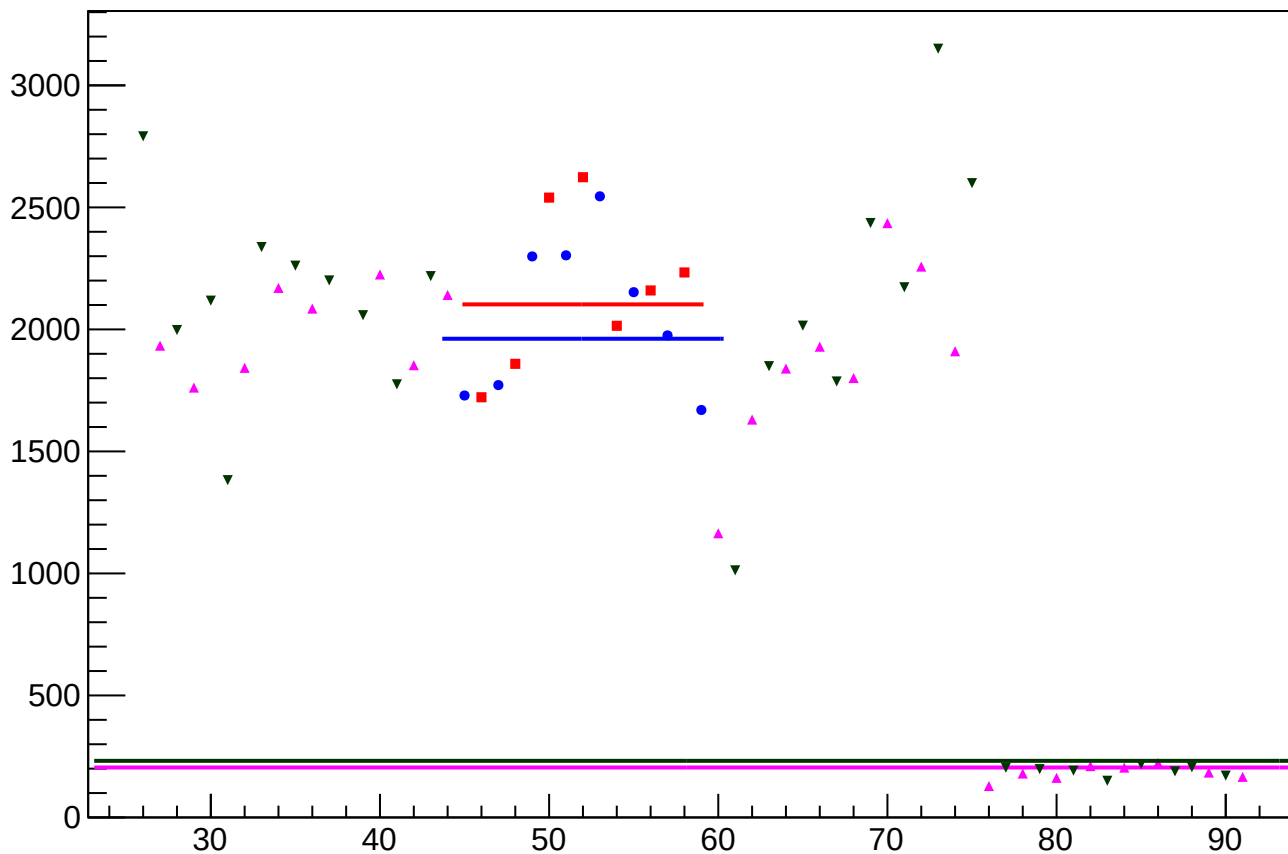
Left Out: -11.160+/-103.890 χ^2/NDF :16.4/25

Right Out: 604.729+/-1143.066 χ^2/NDF : 6.2/6

Left In: 5.074+/-87.794 χ^2/NDF :28.4/23

11.531+/-66.759 χ^2/NDF : 60.4/64

asym_at2_avg_correction_rms vs slug



Right In: 1961.744 $\pm$ 0.640 χ^2/NDF : 202877.1/7

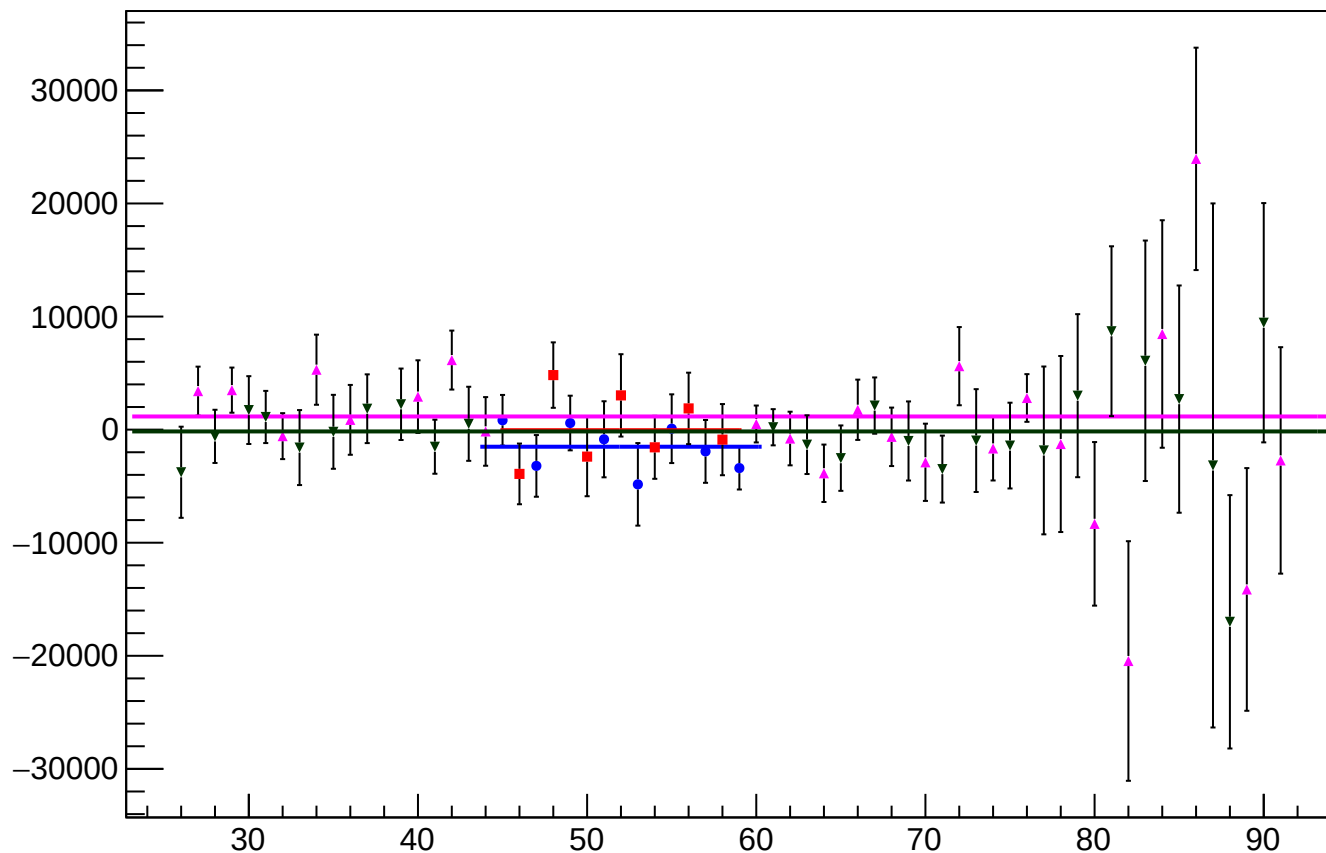
Left Out: 232.028 $\pm$ 0.073 χ^2/NDF : 14841557.5/25

Right Out: 2102.471 $\pm$ 0.808 χ^2/NDF : 135930.8/6

Left In: 204.728 $\pm$ 0.062 χ^2/NDF : 15040897.1/23

232.022 $\pm$ 0.047 χ^2/NDF : 43065788.4/64

asym_at2_avg_mean vs slug



Right In: -1511.803 ± 918.938 χ^2/NDF : 4.4/7

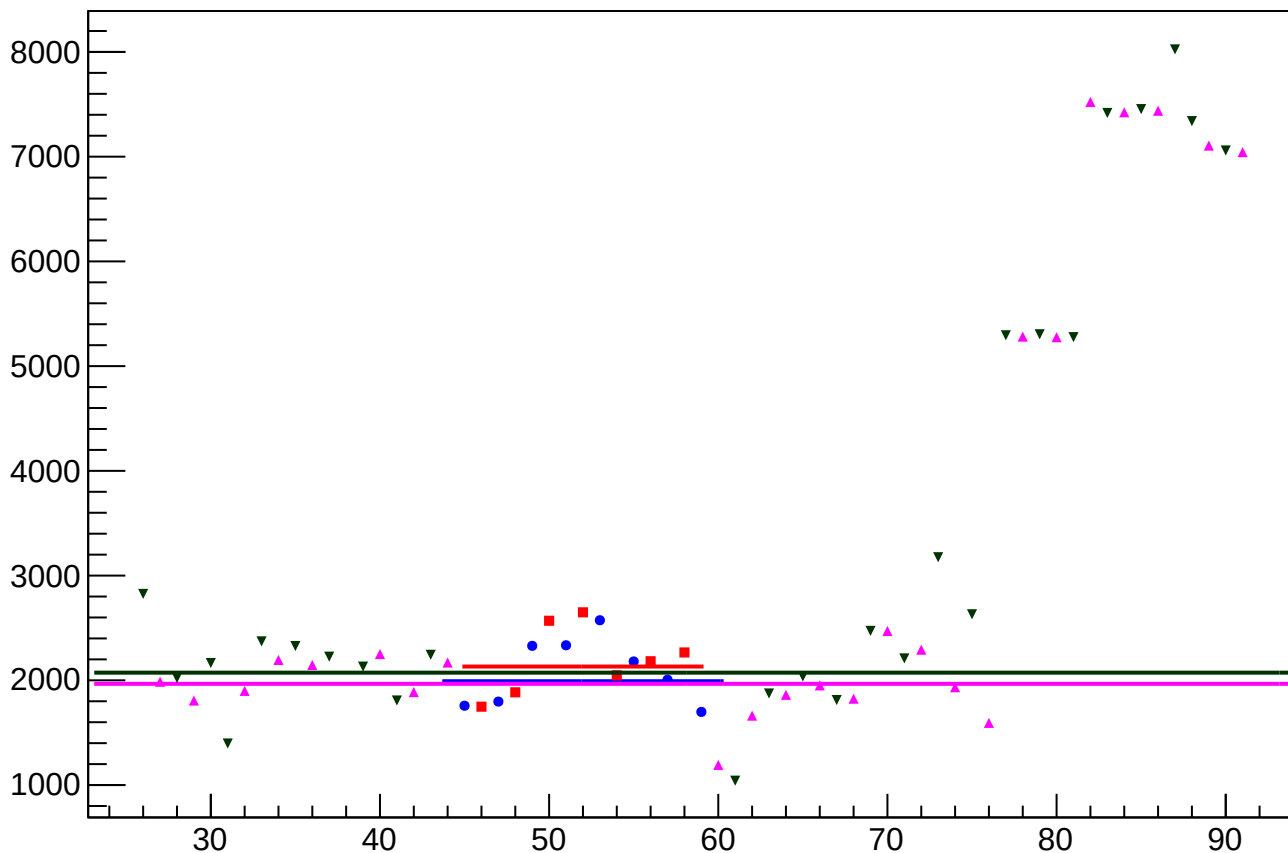
Left Out: -159.653 ± 641.633 χ^2/NDF : 11.5/25

Right Out: -49.747 ± 1158.412 χ^2/NDF : 6.8/6

Left In: 1163.854 ± 590.251 χ^2/NDF : 33.1/23

155.692 ± 371.938 χ^2/NDF : 62.3/64

asym_at2_avg_rms vs slug



Right In: 1991.326+/-0.650 χ^2/NDF : 198337.4/7

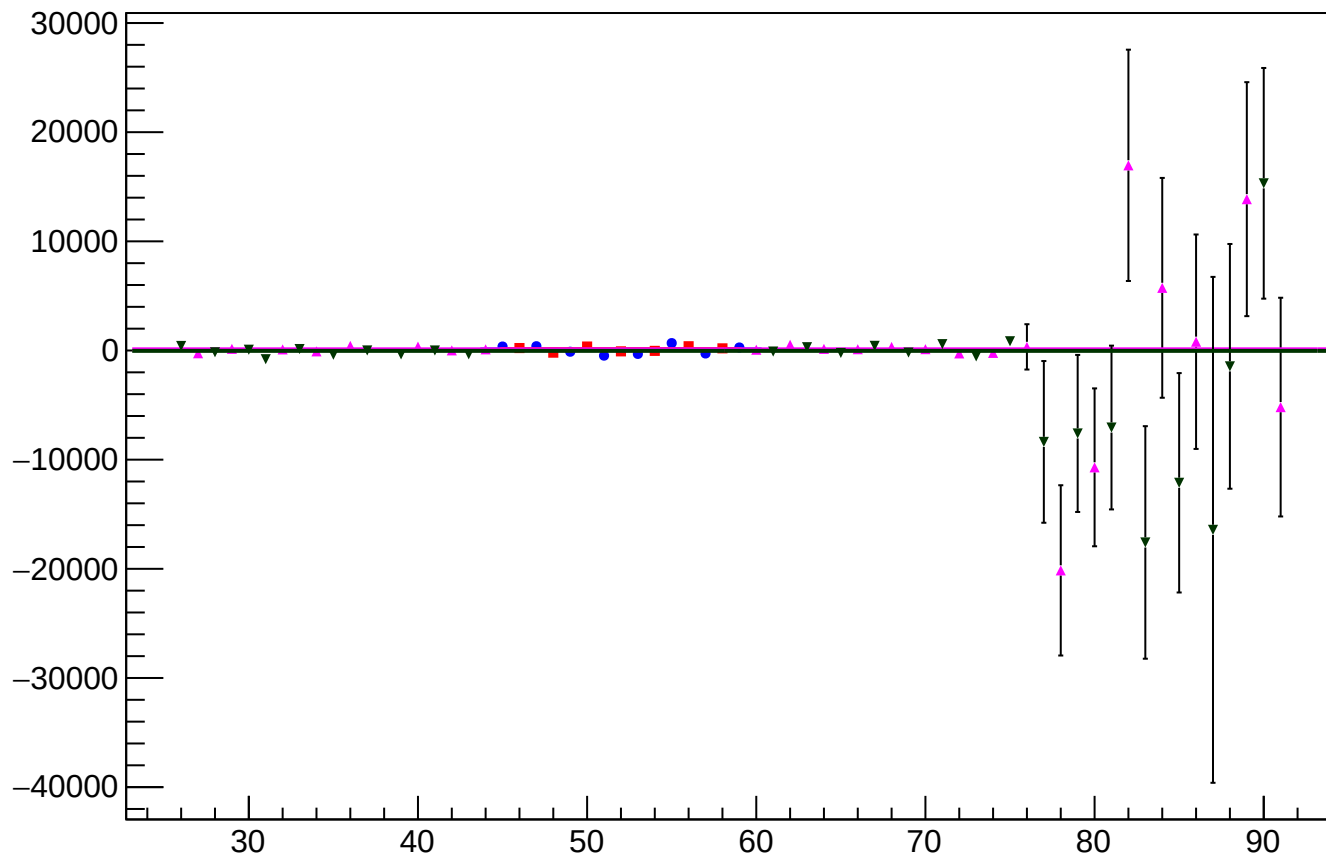
Left Out: 2073.149+/-0.454 χ^2/NDF : 4603140.2/25

Right Out: 2131.491+/-0.819 χ^2/NDF : 132817.5/6

Left In: 1966.521+/-0.417 χ^2/NDF : 4188807.1/23

2023.420+/-0.263 χ^2/NDF : 9173547.3/64

reg_asym_at2_dd_mean vs slug



Right In: 95.430+/-102.513 χ^2/NDF : 12.1/7

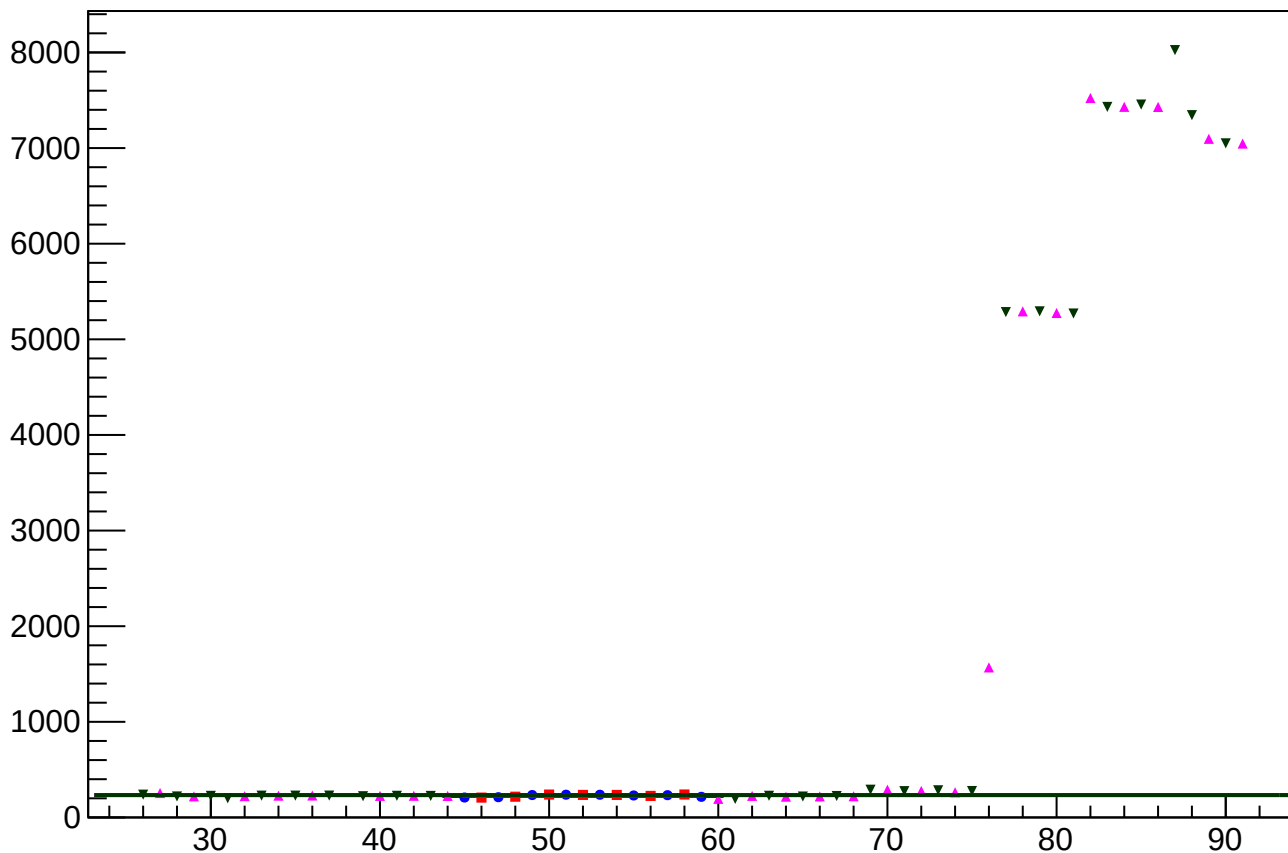
Left Out: -32.710+/-76.394 χ^2/NDF : 34.1/25

Right Out: 122.533+/-122.608 χ^2/NDF : 3.0/6

Left In: 109.845+/-76.323 χ^2/NDF : 21.2/23

60.401+/-44.513 χ^2/NDF : 72.6/64

reg_asym_at2_dd_rms vs slug



Right In: 224.791+/-0.072 χ^2/NDF : 24221.9/7

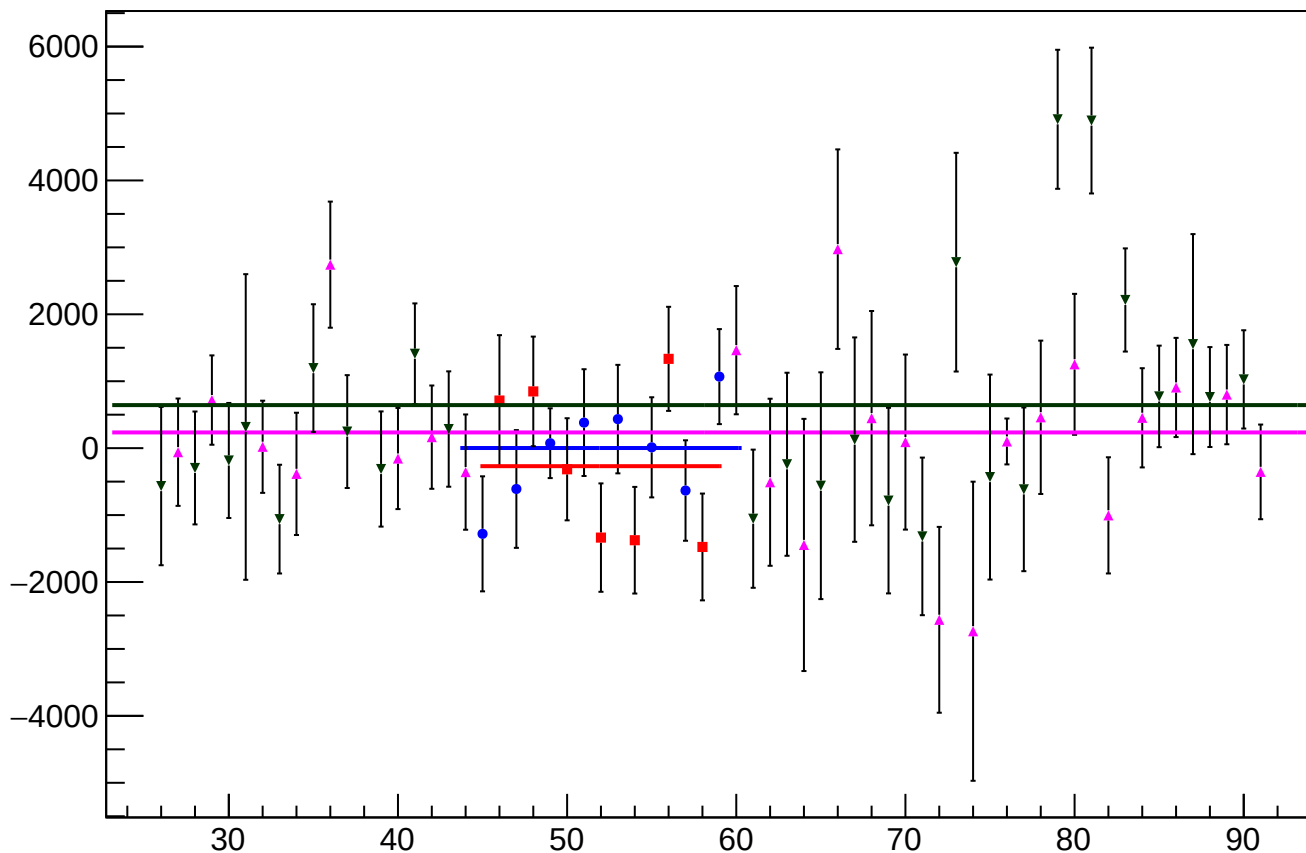
Left Out: 233.677+/-0.054 χ^2/NDF : 6824906.9/25

Right Out: 228.580+/-0.087 χ^2/NDF : 17773.3/6

Left In: 234.316+/-0.054 χ^2/NDF : 7587024.7/23

231.547+/-0.031 χ^2/NDF : 14467970.2/64

asym_at2_dd_correction_mean vs slug



Right In: 2.064 ± 258.508 χ^2/NDF : 6.2/7

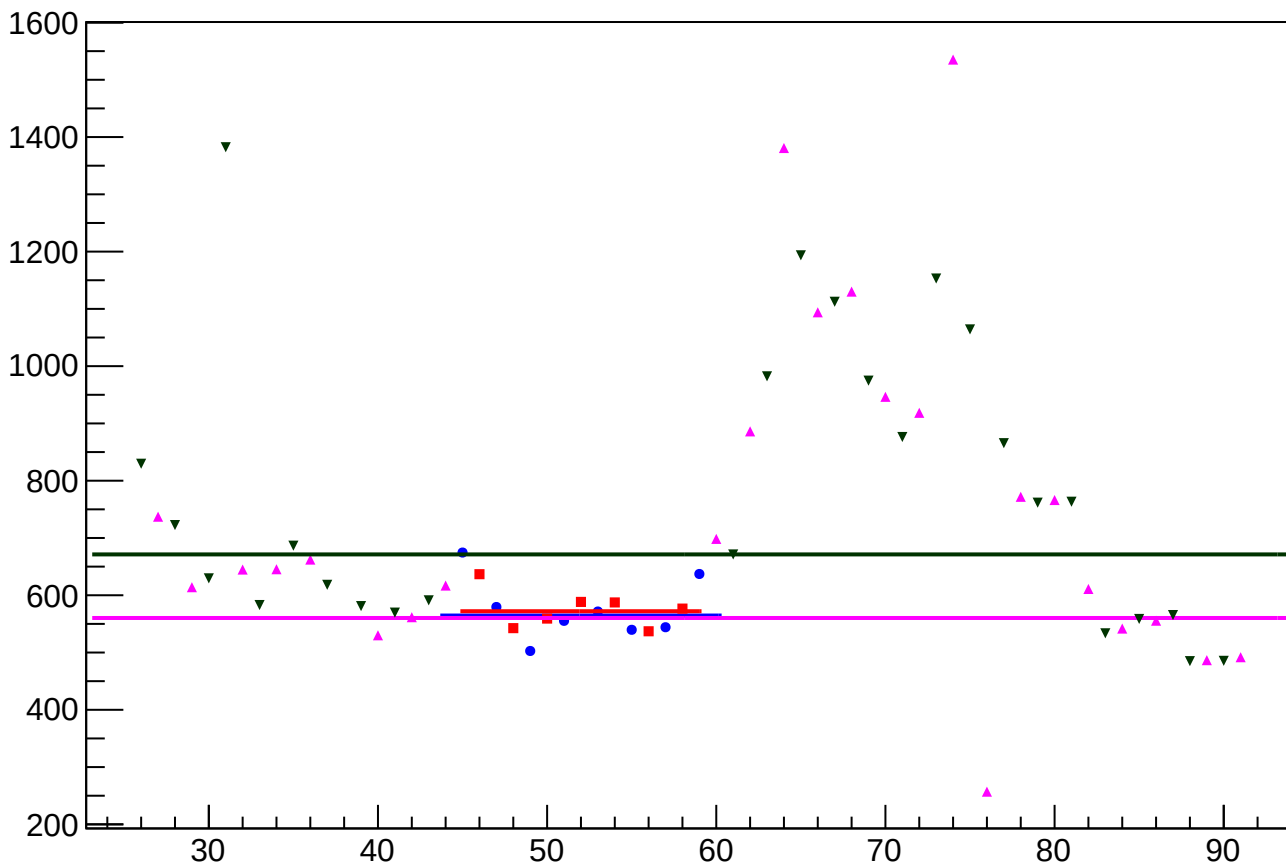
Left Out: 643.258 ± 194.916 χ^2/NDF : 58.4/25

Right Out: -269.250 ± 307.391 χ^2/NDF : 13.1/6

Left In: 234.797 ± 166.395 χ^2/NDF : 26.4/23

256.779 ± 106.609 χ^2/NDF : 112.0/64

asym_at2_dd_correction_rms vs slug



Right In: 564.591 ± 0.183 χ^2/NDF : 86488.0/7

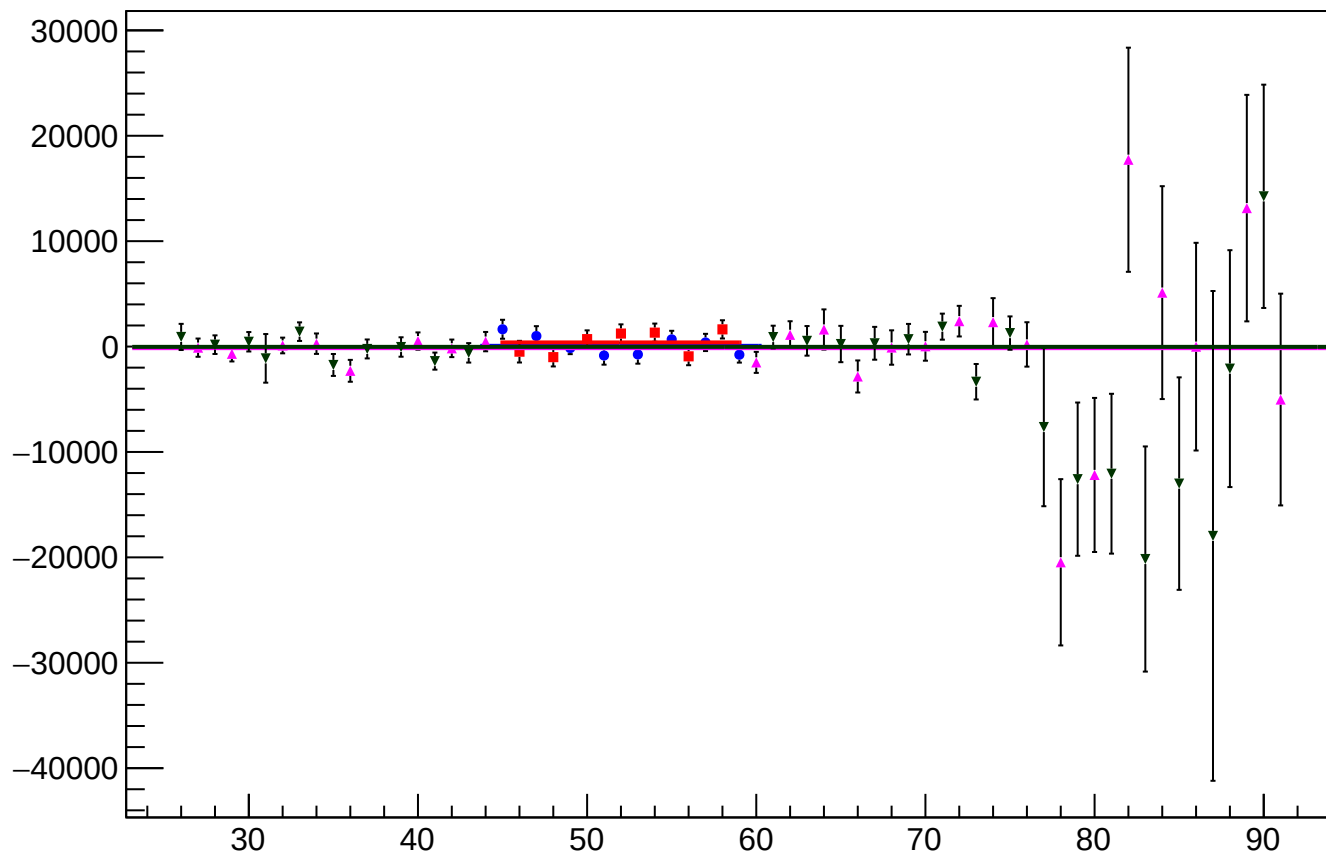
Left Out: 671.316 ± 0.138 χ^2/NDF : 1720719.6/25

Right Out: 572.114 ± 0.217 χ^2/NDF : 17601.5/6

Left In: 560.320 ± 0.118 χ^2/NDF : 3703155.4/23

595.670 ± 0.075 χ^2/NDF : 5960118.9/64

asym_at2_dd_mean vs slug



Right In: 68.709+/-279.434 χ^2/NDF : 8.1/7

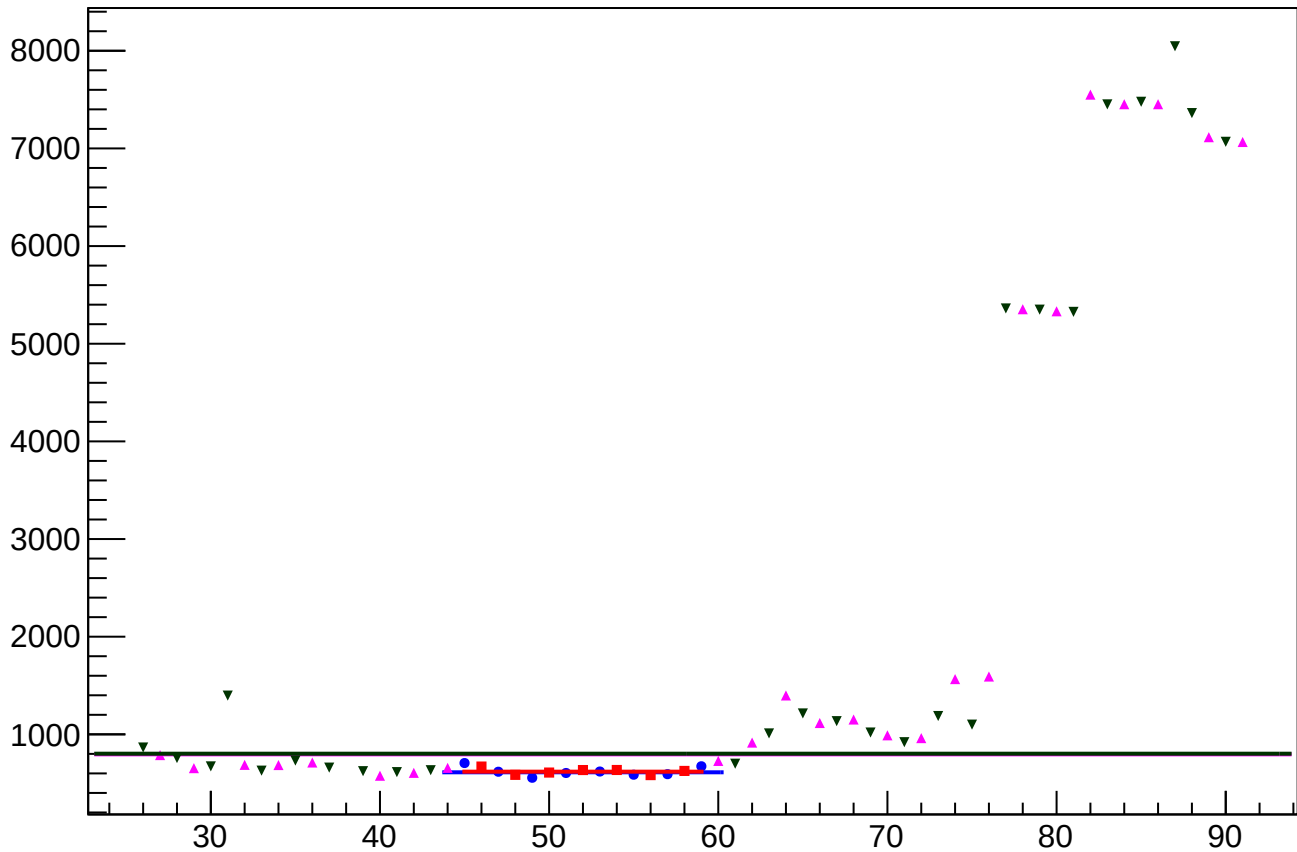
Left Out: -28.402+/-260.661 χ^2/NDF : 32.1/25

Right Out: 392.161+/-331.707 χ^2/NDF : 10.0/6

Left In: -150.687+/-255.265 χ^2/NDF : 31.6/23

32.977+/-138.728 χ^2/NDF : 83.6/64

asym_at2_dd_rms vs slug



Right In: 611.347+/-0.198 χ^2/NDF : 57941.6/7

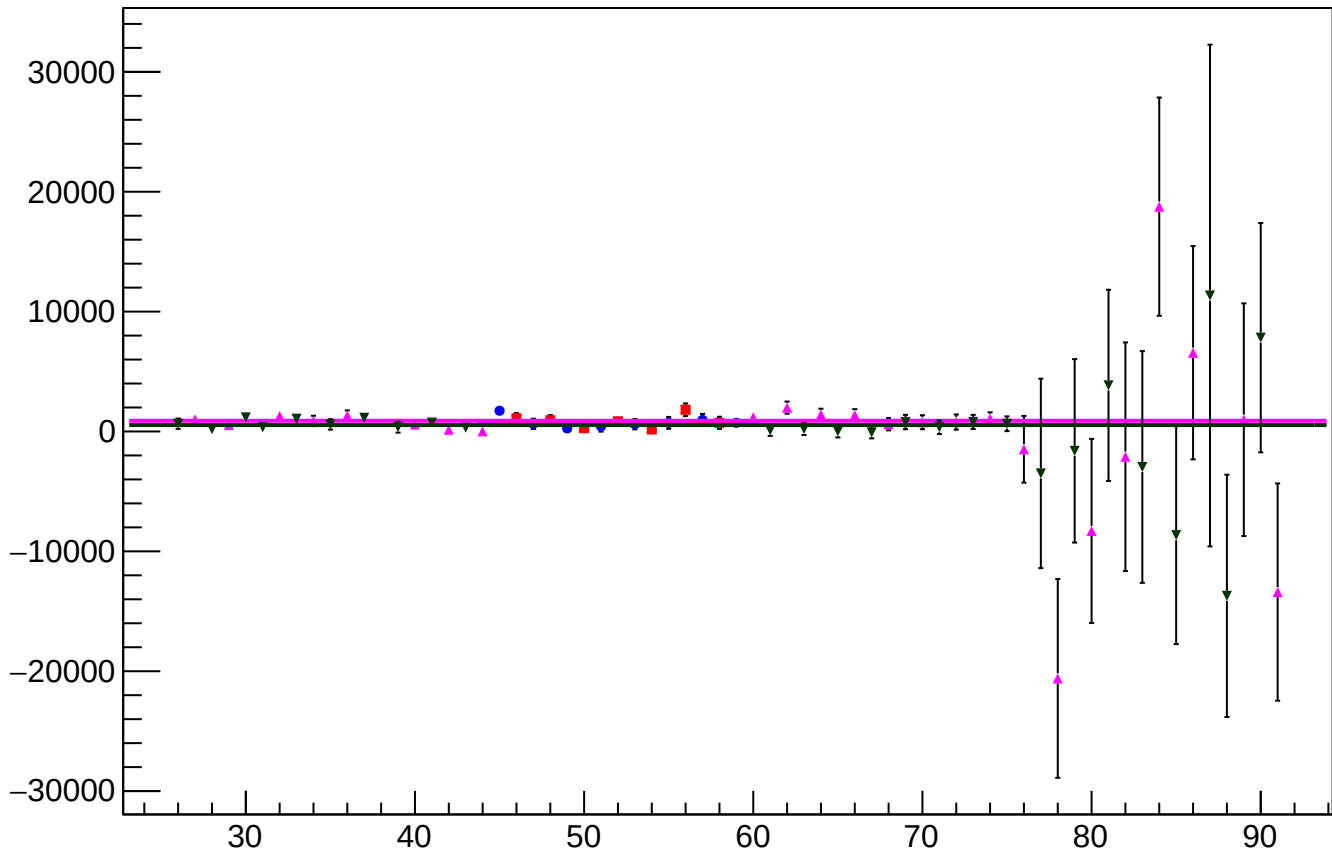
Left Out: 801.830+/-0.184 χ^2/NDF : 6537019.1/25

Right Out: 617.831+/-0.235 χ^2/NDF : 13348.0/6

Left In: 794.849+/-0.180 χ^2/NDF : 6939871.9/23

720.635+/-0.098 χ^2/NDF : 14409325.6/64

reg_asym_atl1r2_avg_mean vs slug



Right In: 747.042 $\pm$ 140.966 χ^2 /NDF: 10.6/7

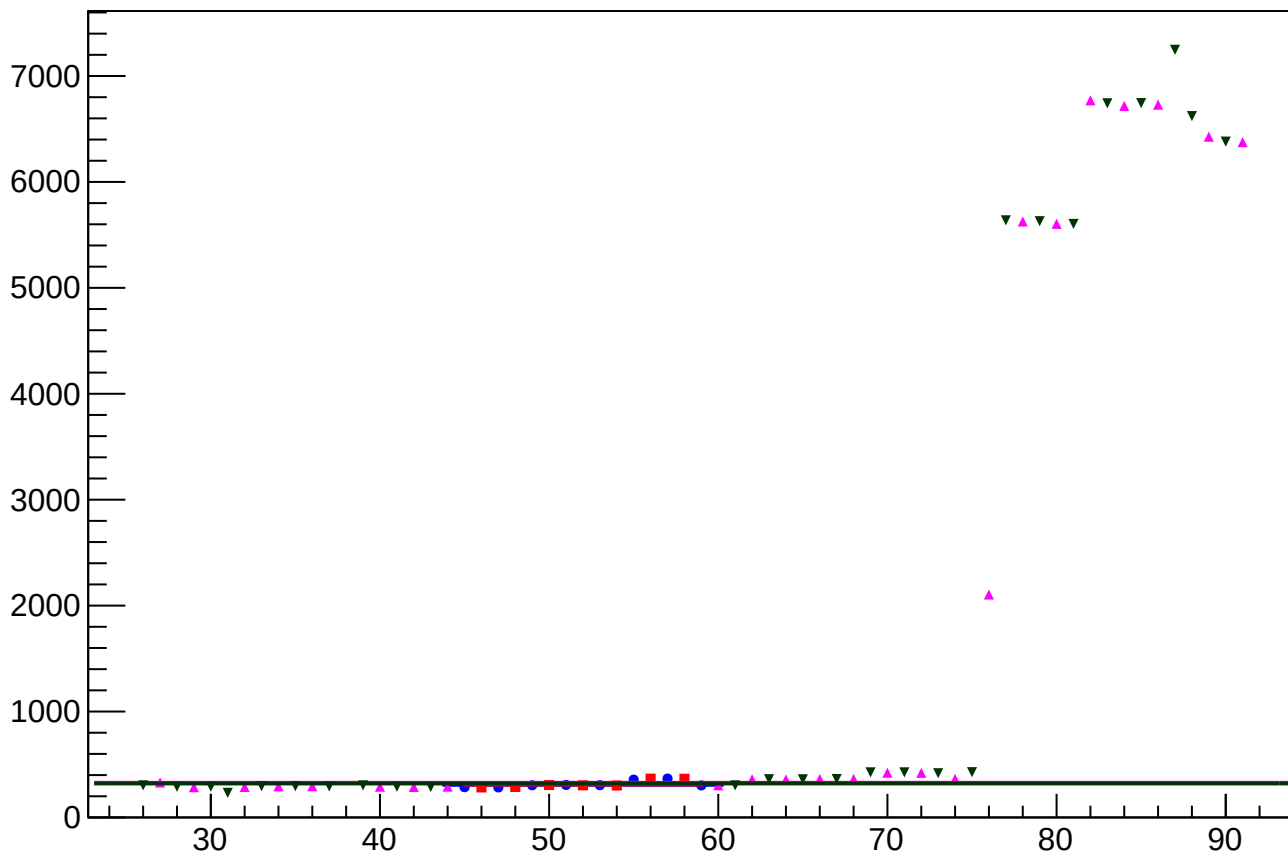
Left Out: 534.827 $\pm$ 105.646 χ^2 /NDF:17.5/25

Right Out: 774.167 $\pm$ 167.630 χ^2 /NDF: 8.2/6

Left In: 893.317 $\pm$ 106.629 χ^2 /NDF:36.0/23

727.369 $\pm$ 61.609 χ^2 /NDF: 78.1/64

reg_asym_atl1r2_avg_rms vs slug



Right In: 308.387+/-0.100 χ^2/NDF : 61388.0/7

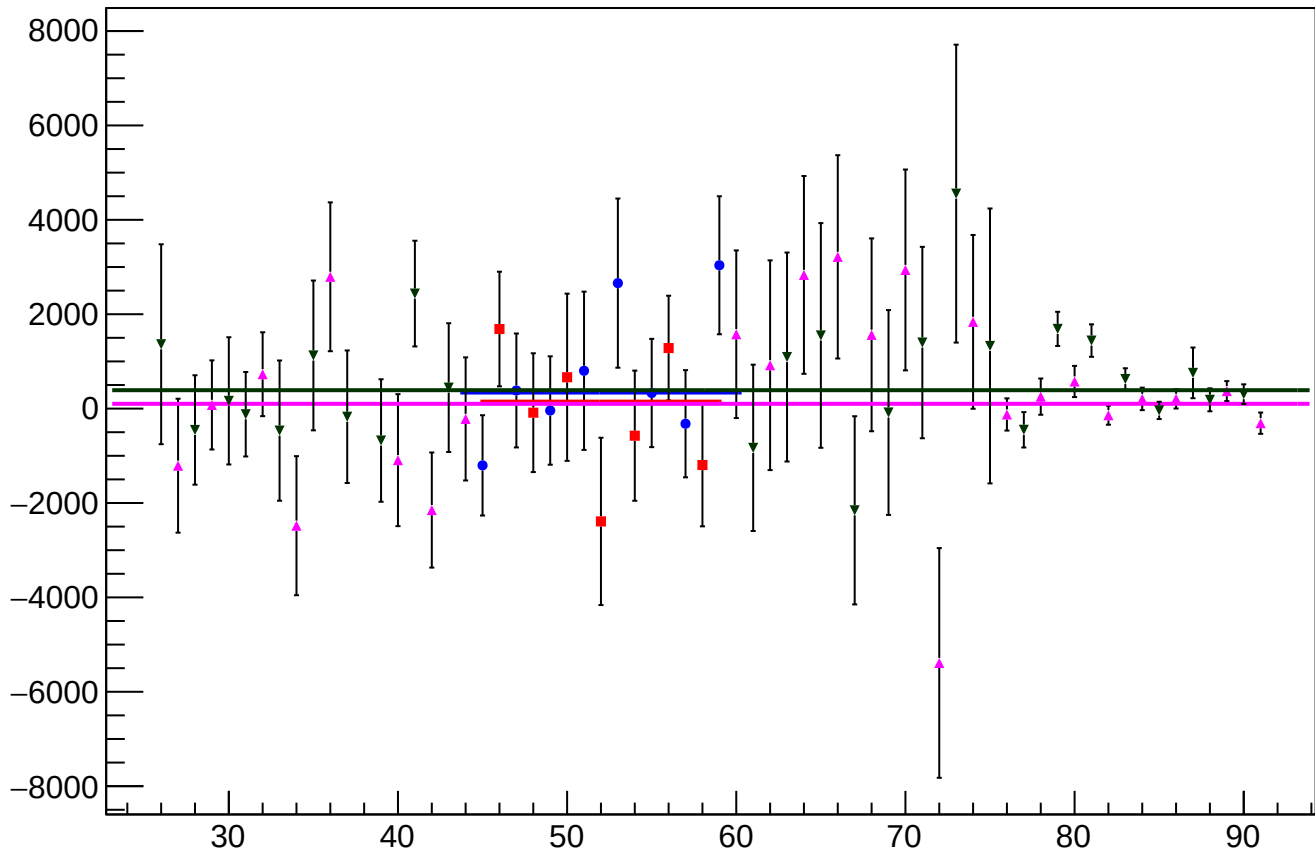
Left Out: 321.215+/-0.075 χ^2/NDF : 6896771.2/25

319.418+/-0.044 χ^2/NDF : 14528985.2/64

Right Out: 311.553+/-0.119 χ^2/NDF : 59945.8/6

Left In: 327.080+/-0.075 χ^2/NDF : 7483324.4/23

asym_atl1r2_avg_correction_mean vs slug



Right In: 340.782 $\pm$ 447.168 χ^2/NDF : 7.7/7

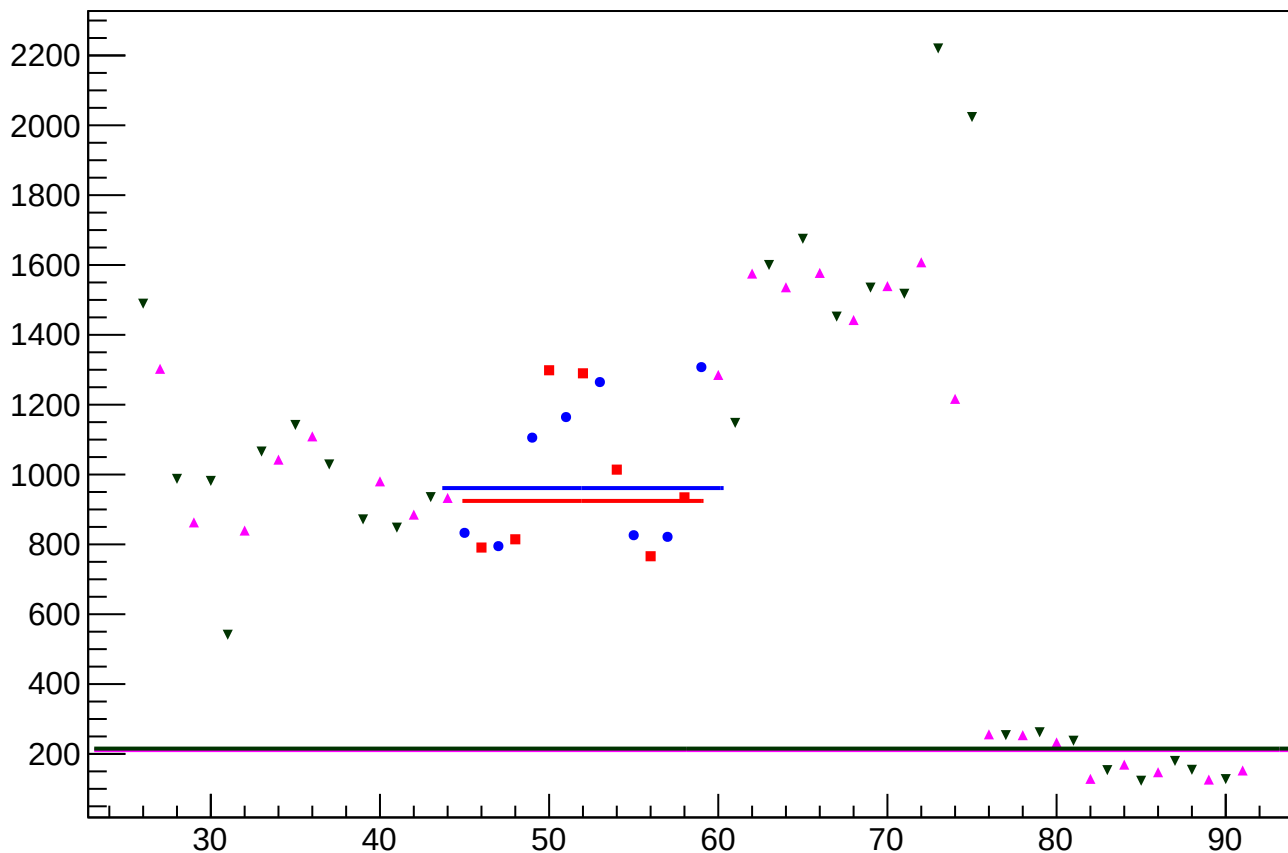
Left Out: 390.241 $\pm$ 89.956 χ^2/NDF : 45.5/25

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

237.558 $\pm$ 60.573 χ^2/NDF : 98.9/64

asym_atl1r2_avg_correction_rms vs slug



Right In: 961.211+/-0.316 χ^2/NDF : 355658.6/7

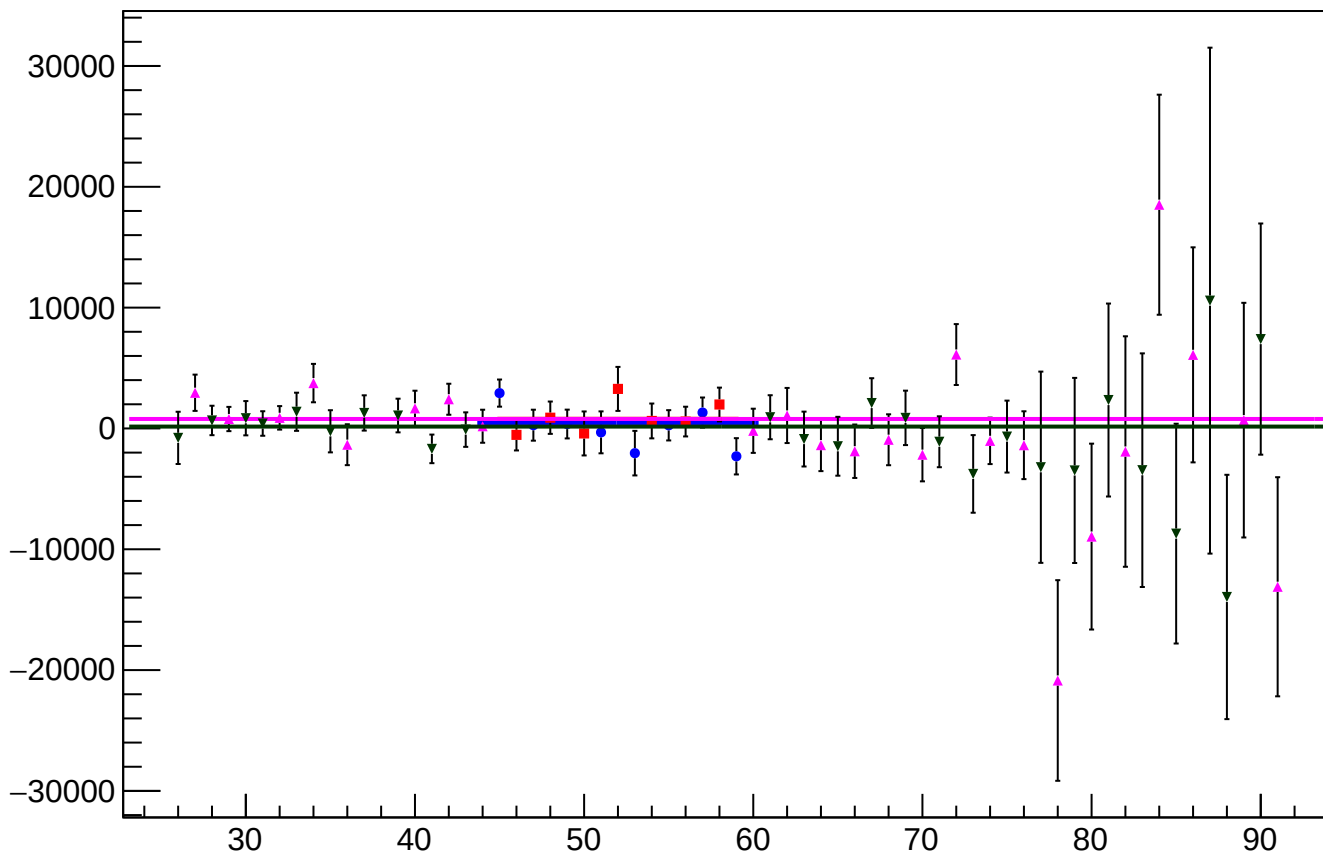
Left Out: 215.248+/-0.064 χ^2/NDF :13451277.4/25

236.792+/-0.043 χ^2/NDF : 36505631.5/64

Right Out: 924.451+/-0.359 χ^2/NDF : 262960.3/6

Left In: 210.903+/-0.060 χ^2/NDF :13217435.4/23

asym_atl1r2_avg_mean vs slug



Right In: 453.829+/-473.652 χ^2/NDF : 10.8/7

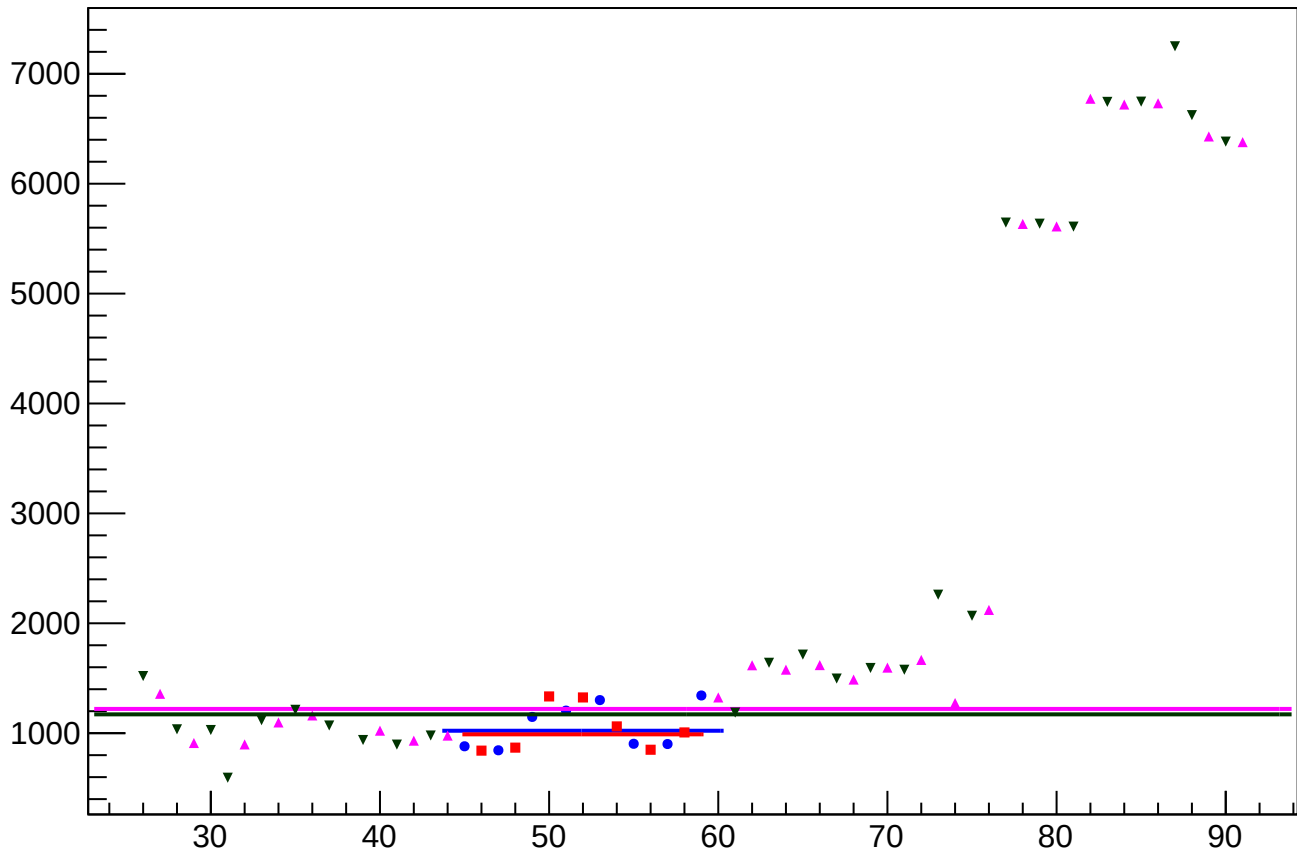
Left Out: 154.147+/-380.641 χ^2/NDF :12.9/25

Right Out: 798.954+/-541.014 χ^2/NDF : 4.1/6

Left In: 784.735+/-382.398 χ^2/NDF :35.5/23

517.383+/-215.094 χ^2/NDF : 65.0/64

asym_atl1r2_avg_rms vs slug



Right In: 1022.192 ± 0.335 χ^2/NDF : 288751.1/7

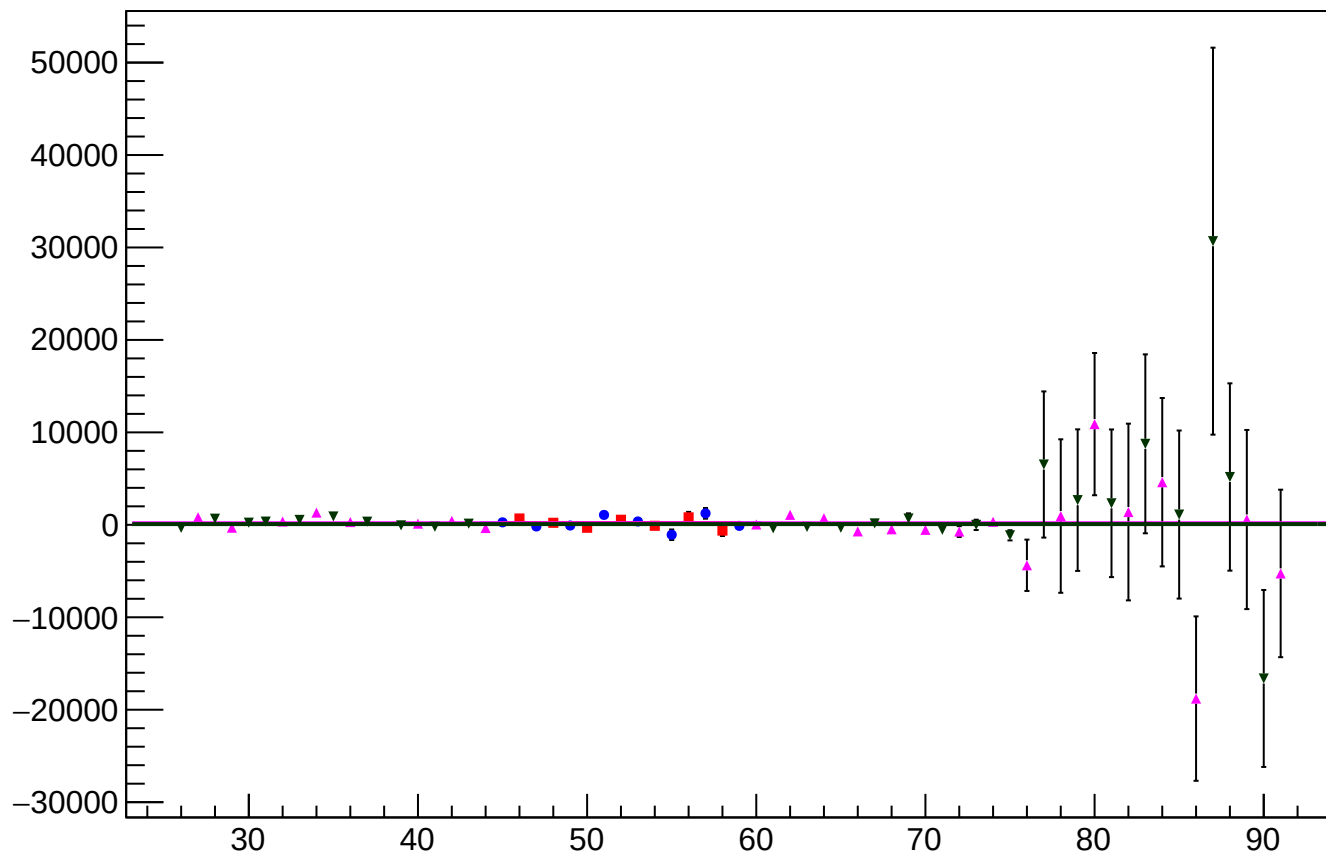
Left Out: 1171.259 ± 0.269 χ^2/NDF : 6445083.7/25

Right Out: 989.365 ± 0.383 χ^2/NDF : 213815.6/6

Left In: 1220.785 ± 0.270 χ^2/NDF : 5805134.3/23

1127.436 ± 0.152 χ^2/NDF : 13127483.5/64

reg_asym_atl1r2_dd_mean vs slug



Right In: 134.791 $\pm$ 156.984 χ^2 /NDF: 13.4/7

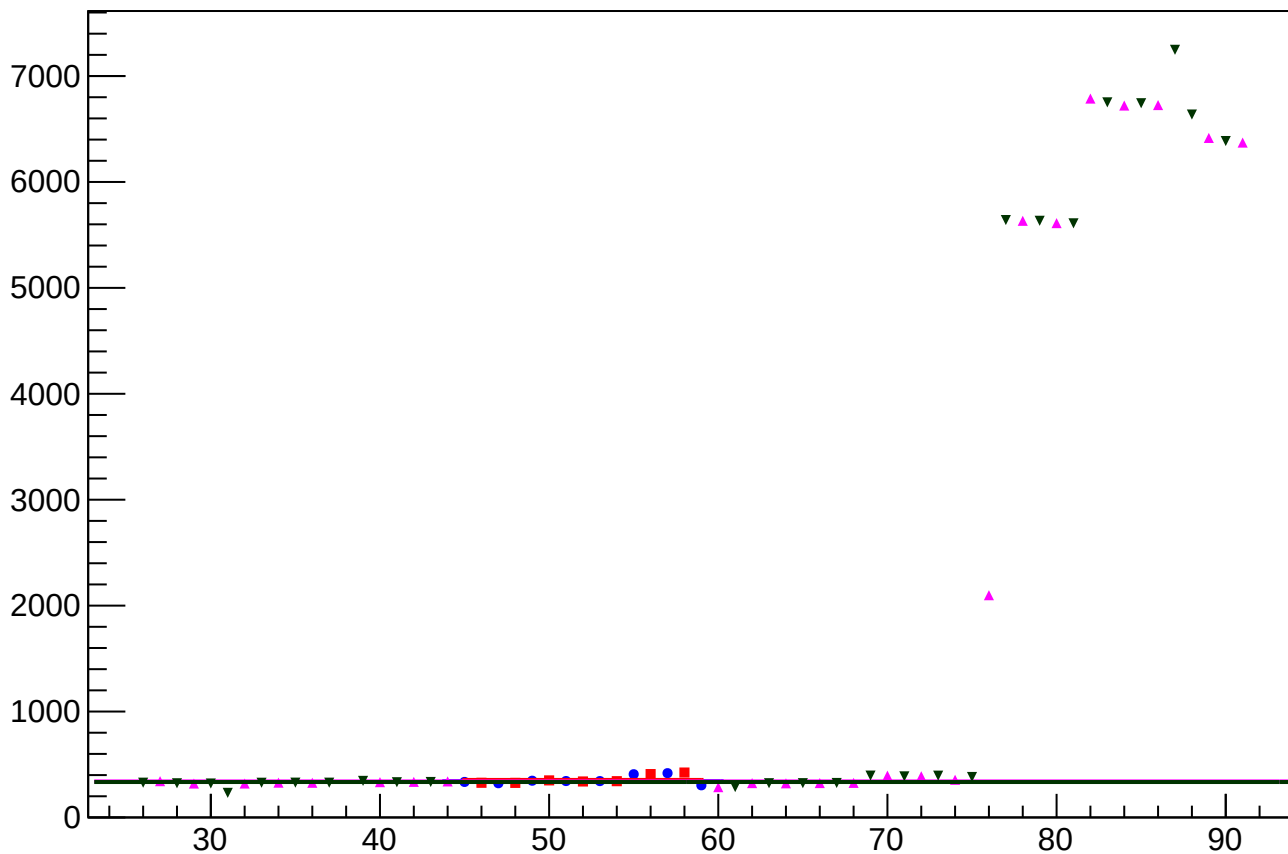
Left Out: 79.185 $\pm$ 109.316 χ^2 /NDF:25.4/25

Right Out: 172.221 $\pm$ 190.608 χ^2 /NDF: 6.1/6

Left In: 171.541 $\pm$ 110.173 χ^2 /NDF:37.9/23

132.249 $\pm$ 65.348 χ^2 /NDF: 83.2/64

reg_asym_atl1r2_dd_rms vs slug



Right In: 342.830+/-0.111 χ^2/NDF : 91824.6/7

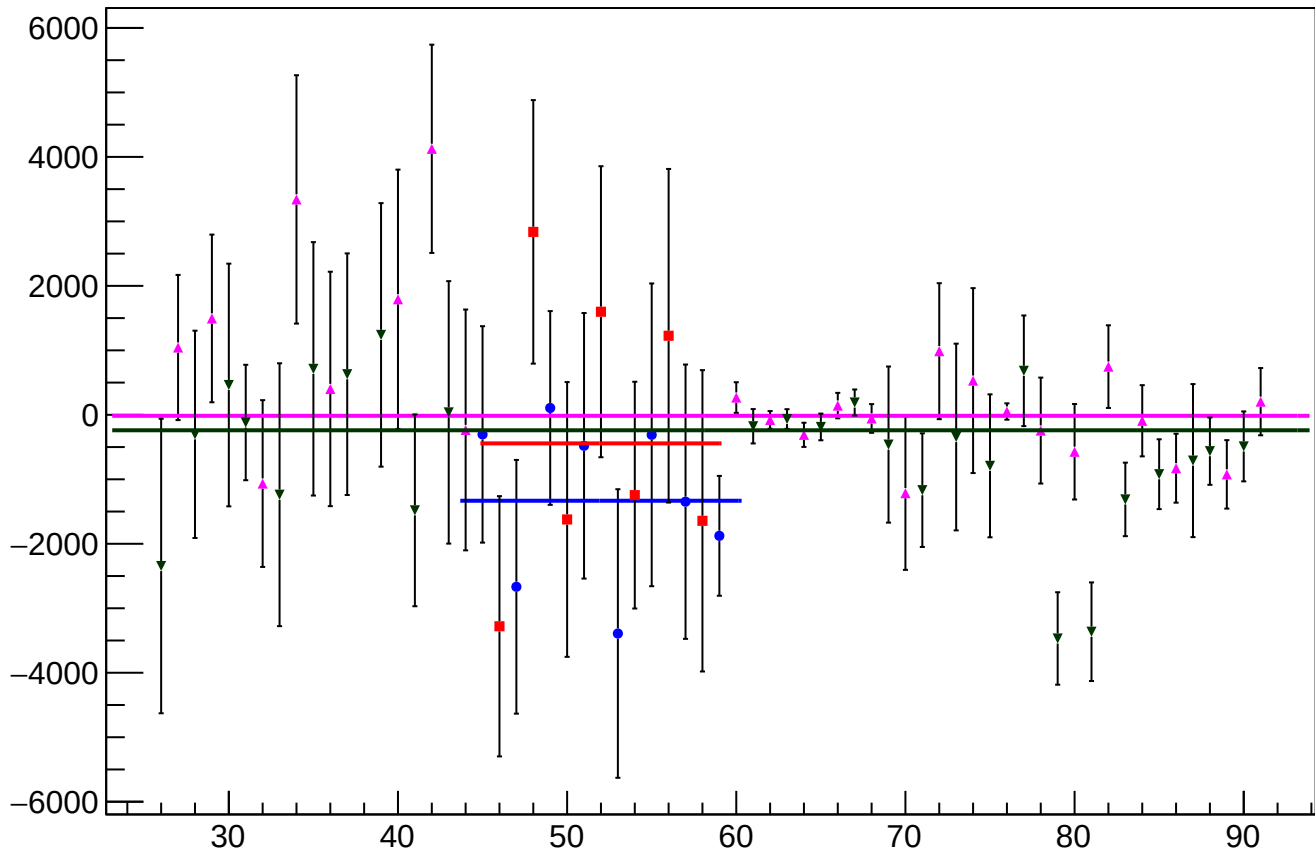
Left Out: 334.516+/-0.077 χ^2/NDF : 6644786.3/25

340.324+/-0.046 χ^2/NDF : 14066759.4/64

Right Out: 354.210+/-0.135 χ^2/NDF : 61236.6/6

Left In: 340.348+/-0.078 χ^2/NDF : 7252143.3/23

asym_atl1r2_dd_correction_mean vs slug



Right In: -1332.473+/-572.379 χ^2/NDF : 3.3/7

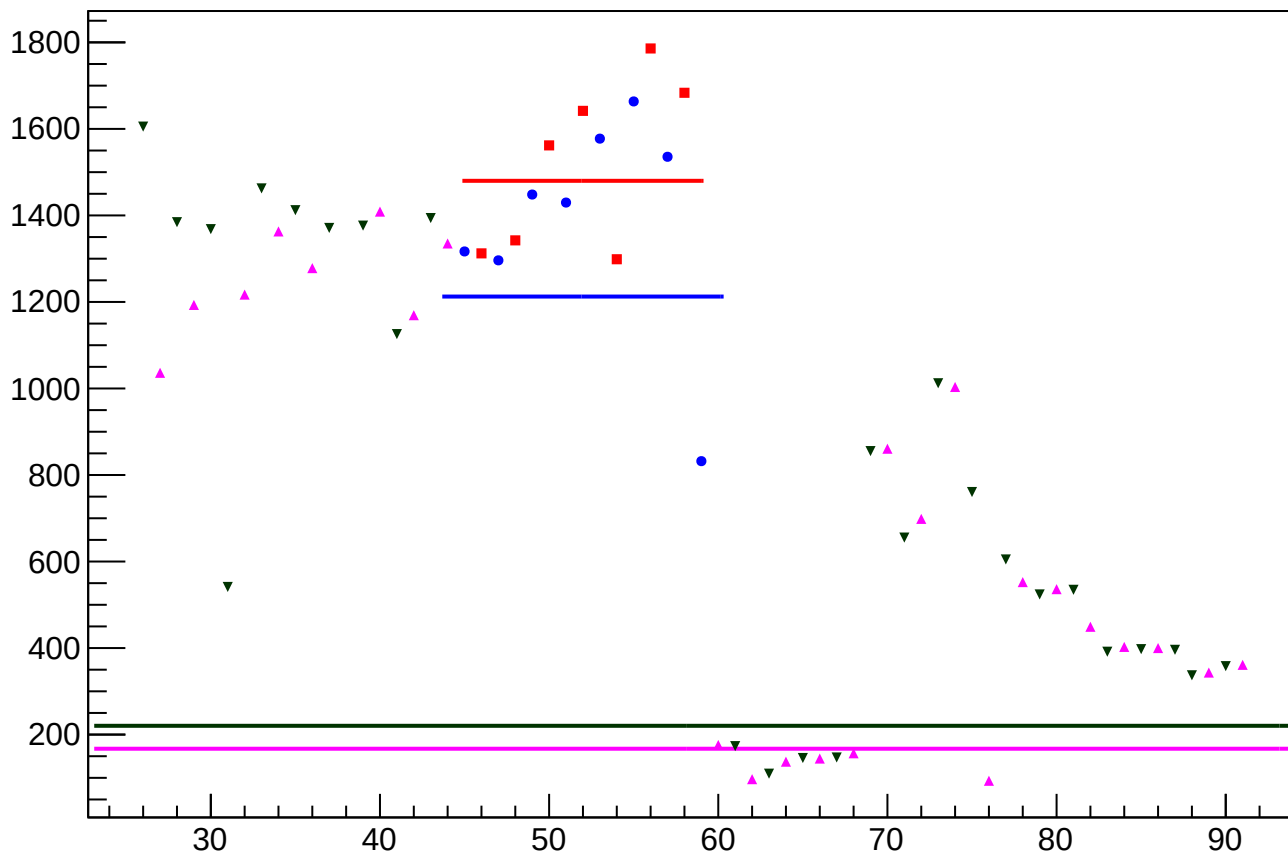
Left Out: -239.748+/-87.242 χ^2/NDF : 54.3/25

-107.832+/-52.079 χ^2/NDF : 101.2/64

Right Out: -442.923+/-801.243 χ^2/NDF : 6.6/6

Left In: -15.044+/-65.554 χ^2/NDF : 28.0/23

asym_atl1r2_dd_correction_rms vs slug



Right In: 1212.478 $\pm$ 0.405 χ^2 /NDF: 591225.3/7

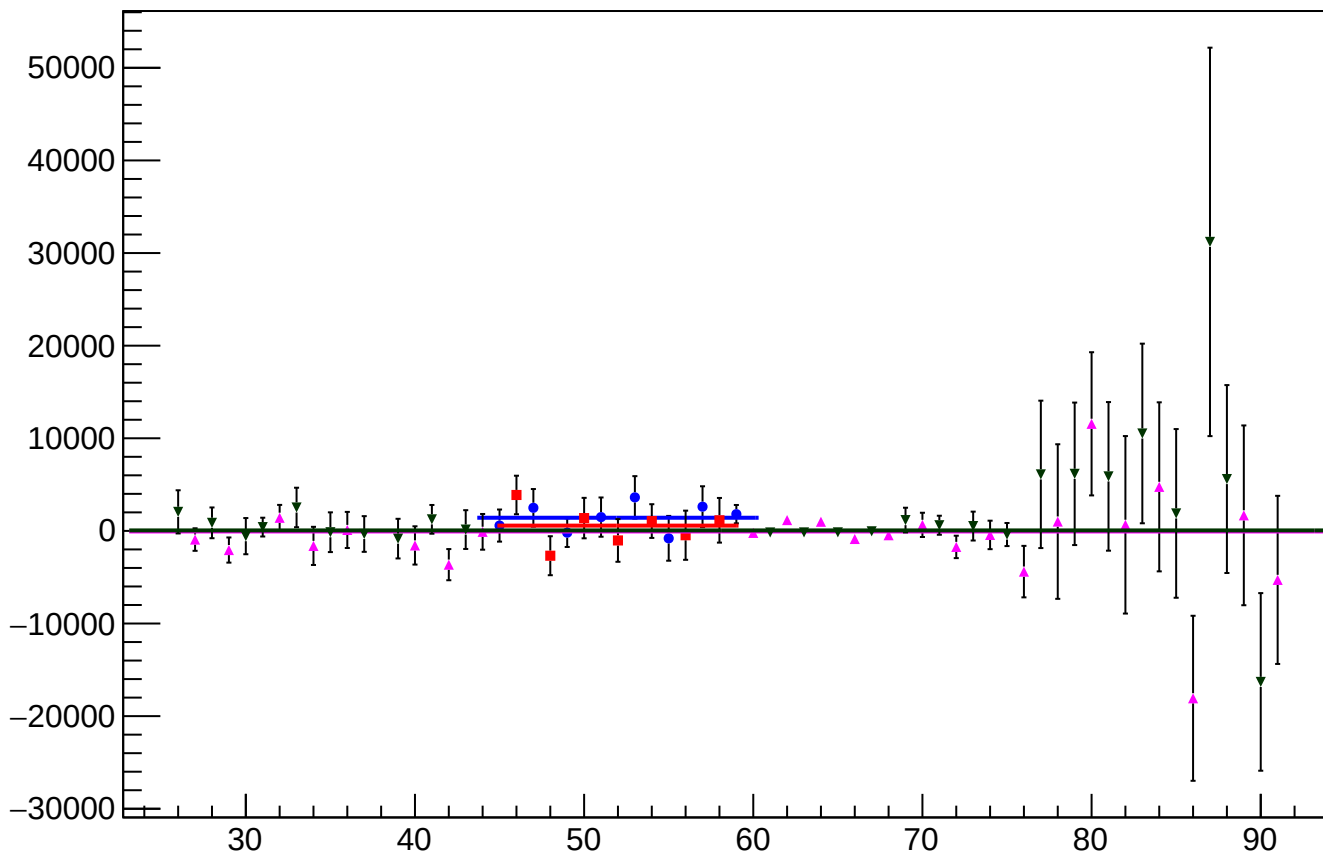
Left Out: 220.302 $\pm$ 0.062 χ^2 /NDF: 12580038.4/25

200.386 $\pm$ 0.037 χ^2 /NDF: 38548698.8/64

Right Out: 1480.001 $\pm$ 0.567 χ^2 /NDF: 100503.2/6

Left In: 167.300 $\pm$ 0.046 χ^2 /NDF: 13308976.9/23

asym_atl1r2_dd_mean vs slug



Right In: 1420.455 ± 597.253 χ^2/NDF : 3.8/7

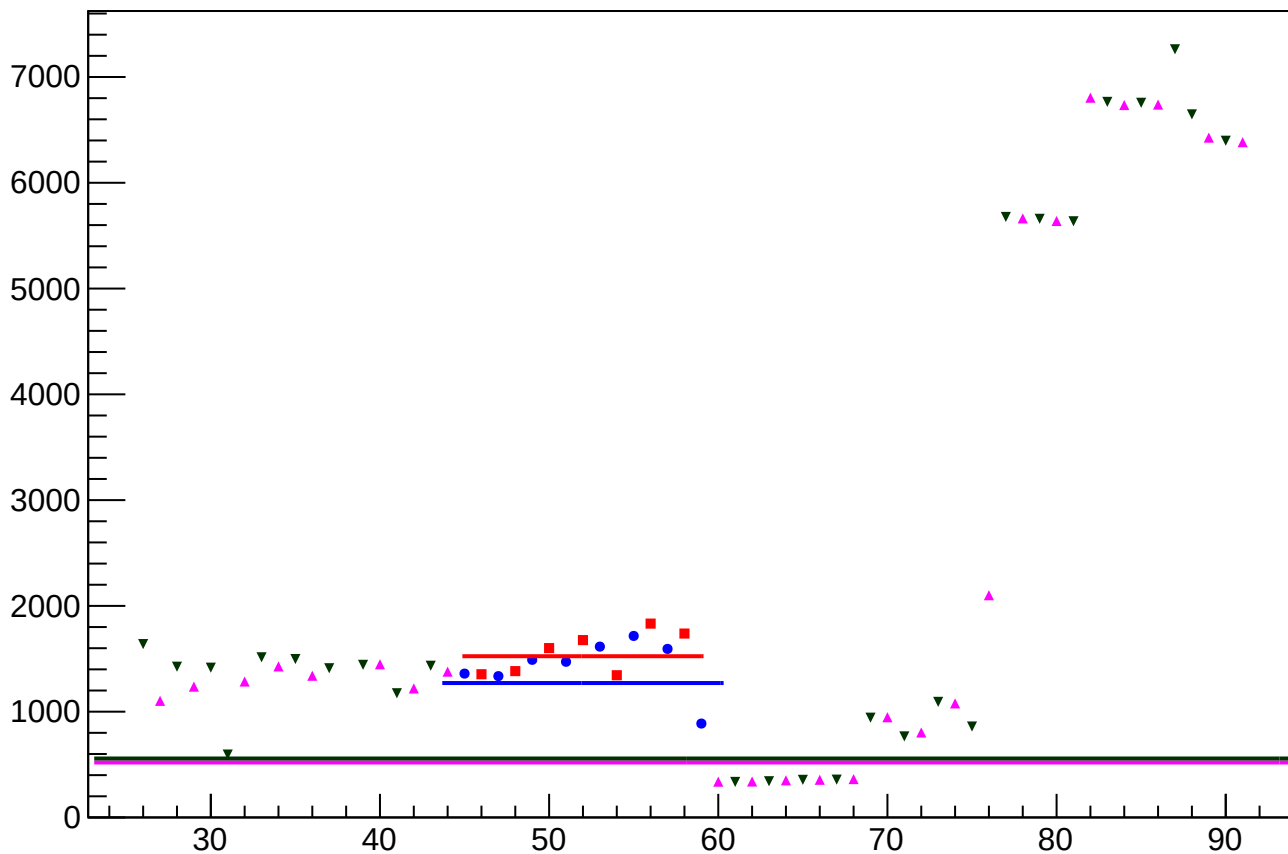
Left Out: 51.544 ± 211.525 χ^2/NDF : 13.5/25

Right Out: 569.877 ± 824.629 χ^2/NDF : 5.8/6

Left In: -63.622 ± 193.661 χ^2/NDF : 36.2/23

80.240 ± 136.990 χ^2/NDF : 65.3/64

asym_atl1r2_dd_rms vs slug



Right In: 1270.764+/-0.422 χ^2/NDF : 520489.6/7

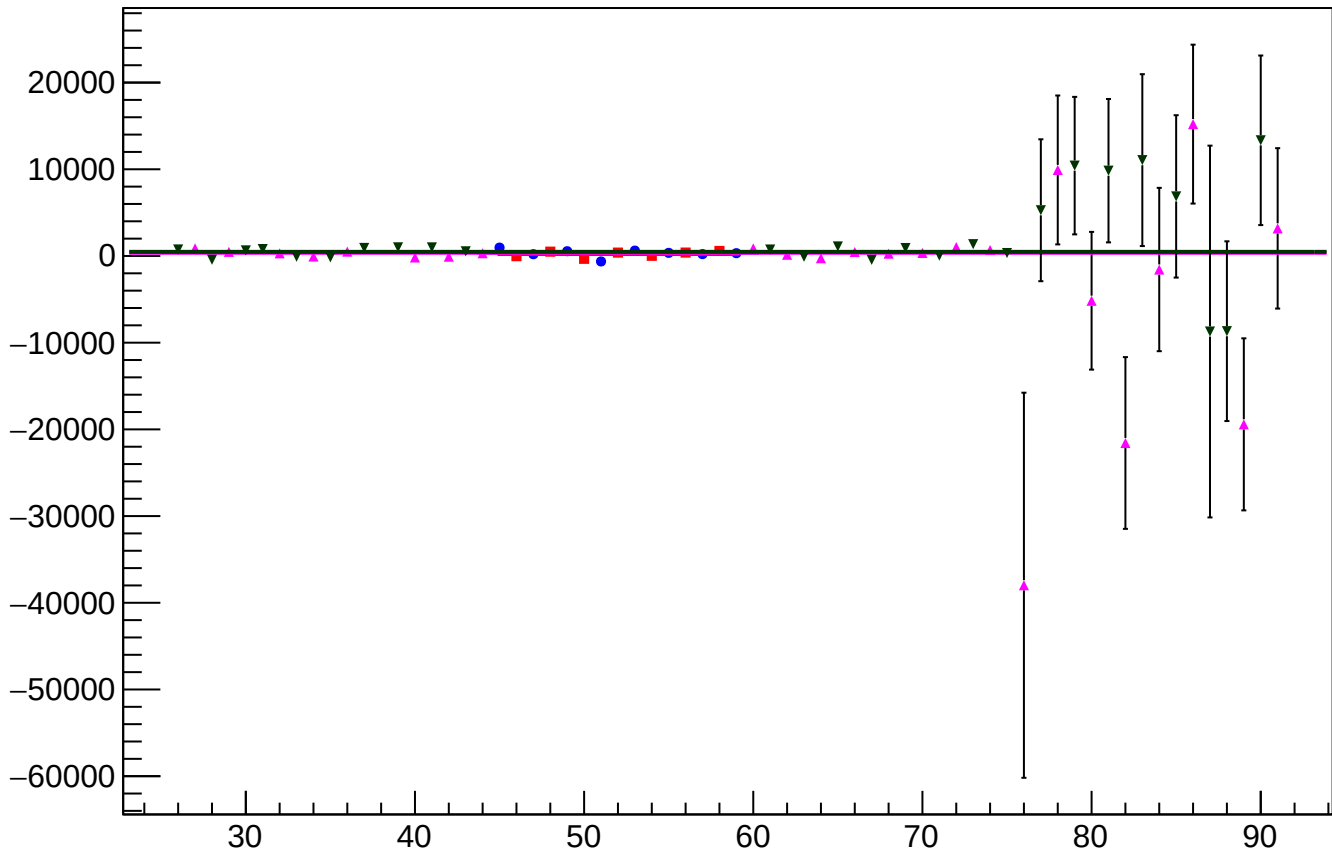
Left Out: 557.419+/-0.150 χ^2/NDF : 11514965.6/25

Right Out: 1524.234+/-0.583 χ^2/NDF : 95894.7/6

Left In: 519.796+/-0.137 χ^2/NDF : 11990360.7/23

602.802+/-0.097 χ^2/NDF : 29579913.8/64

reg_asym_atr1l2_avg_mean vs slug



Right In: 393.127 $\pm$ 165.089 χ^2 /NDF: 5.8/7

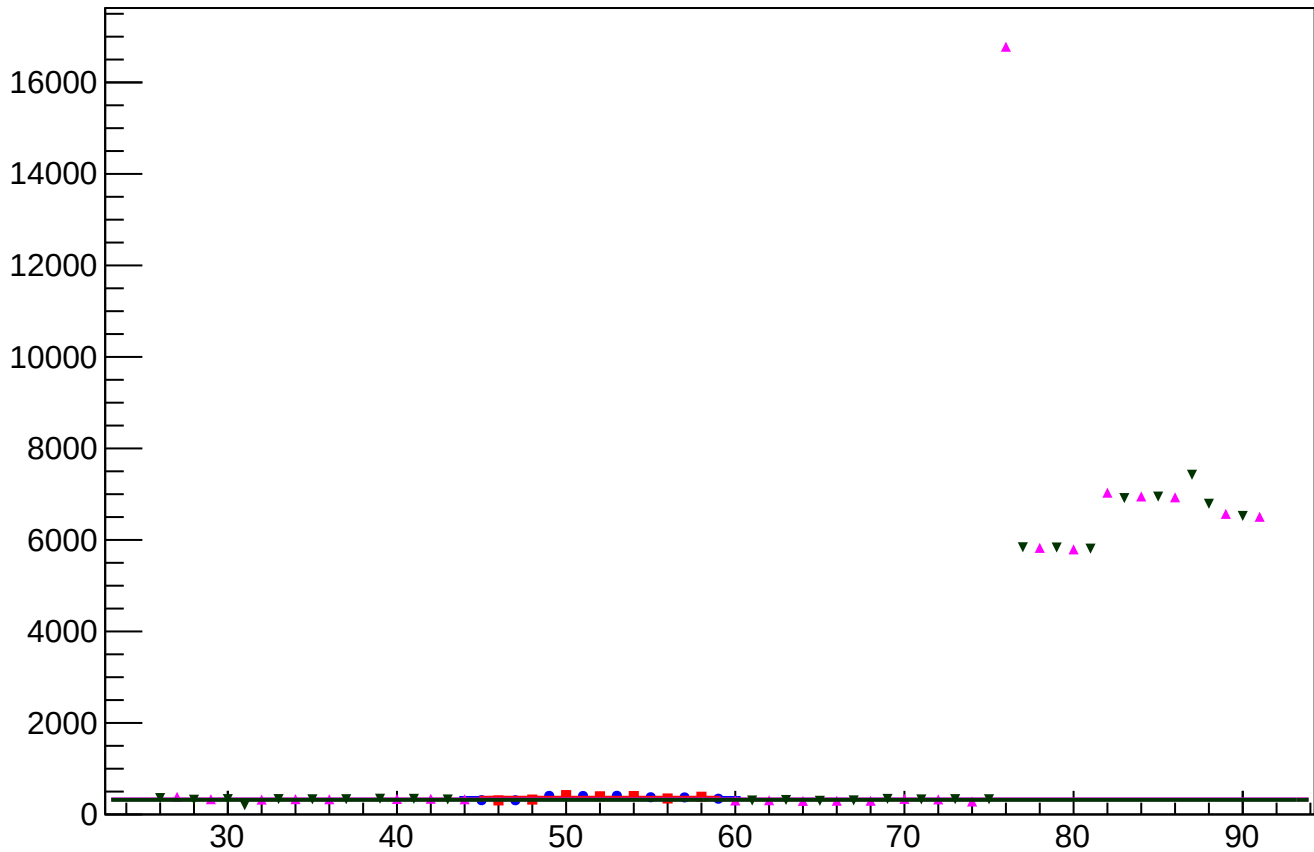
Left Out: 474.677 $\pm$ 104.569 χ^2 /NDF:35.8/25

Right Out: 228.986 $\pm$ 196.983 χ^2 /NDF: 2.3/6

Left In: 363.920 $\pm$ 107.370 χ^2 /NDF:27.6/23

396.012 $\pm$ 64.462 χ^2 /NDF: 72.9/64

reg_asym_atr1l2_avg_rms vs slug



Right In: 360.010+/-0.117 χ^2/NDF : 107419.0/7

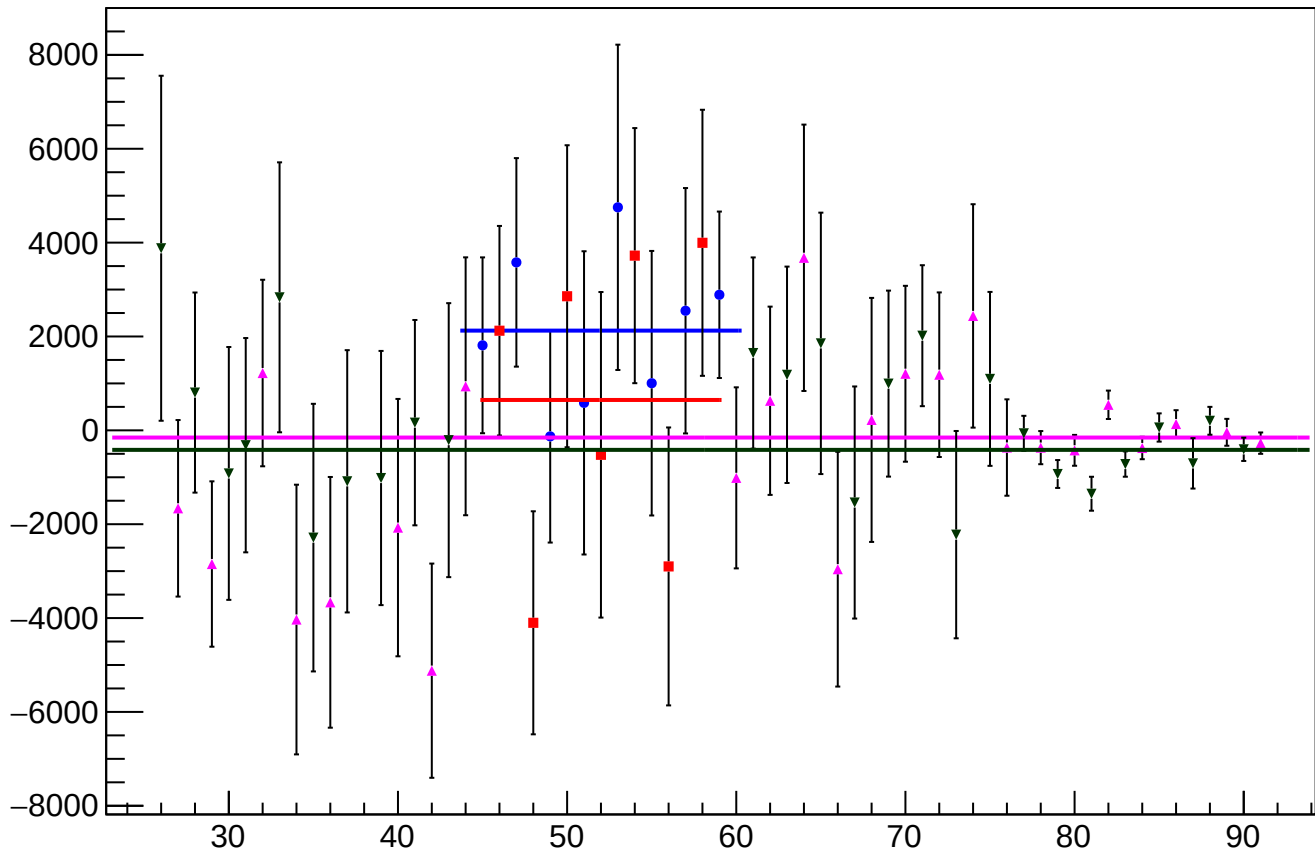
Left Out: 320.221+/-0.074 χ^2/NDF : 6752968.9/25

Right Out: 364.759+/-0.139 χ^2/NDF : 84430.7/6

Left In: 329.698+/-0.076 χ^2/NDF : 7598513.3/23

334.472+/-0.046 χ^2/NDF : 14679573.7/64

asym_atr1l2_avg_correction_mean vs slug



Right In: 2125.005 $\pm$ 829.868 χ^2/NDF : 2.6/7

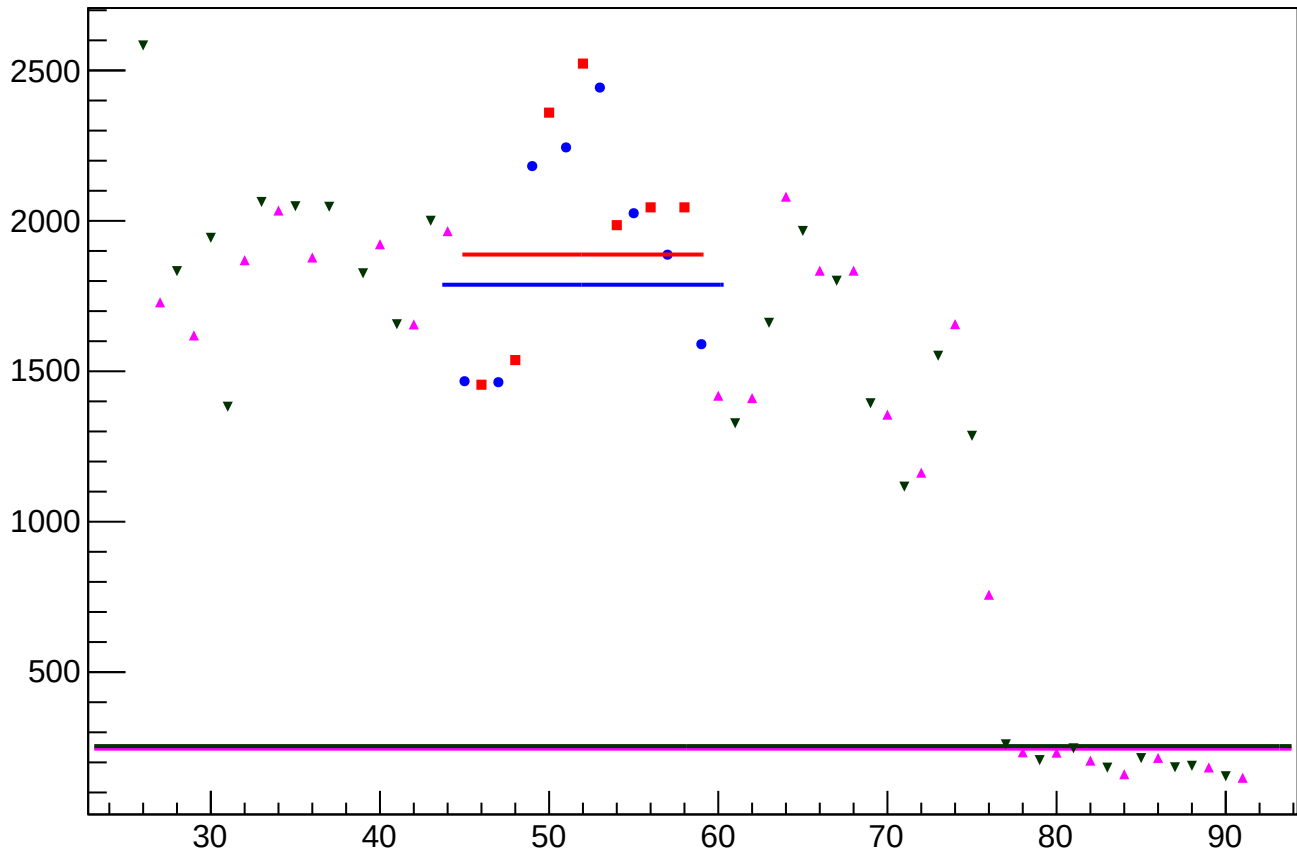
Left Out: -416.140 $\pm$ 108.222 χ^2/NDF : 29.4/25

-255.190 $\pm$ 74.384 χ^2/NDF : 80.1/64

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

asym_atr1l2_avg_correction_rms vs slug



Right In: 1787.726+/-0.587 χ^2/NDF : 315278.0/7

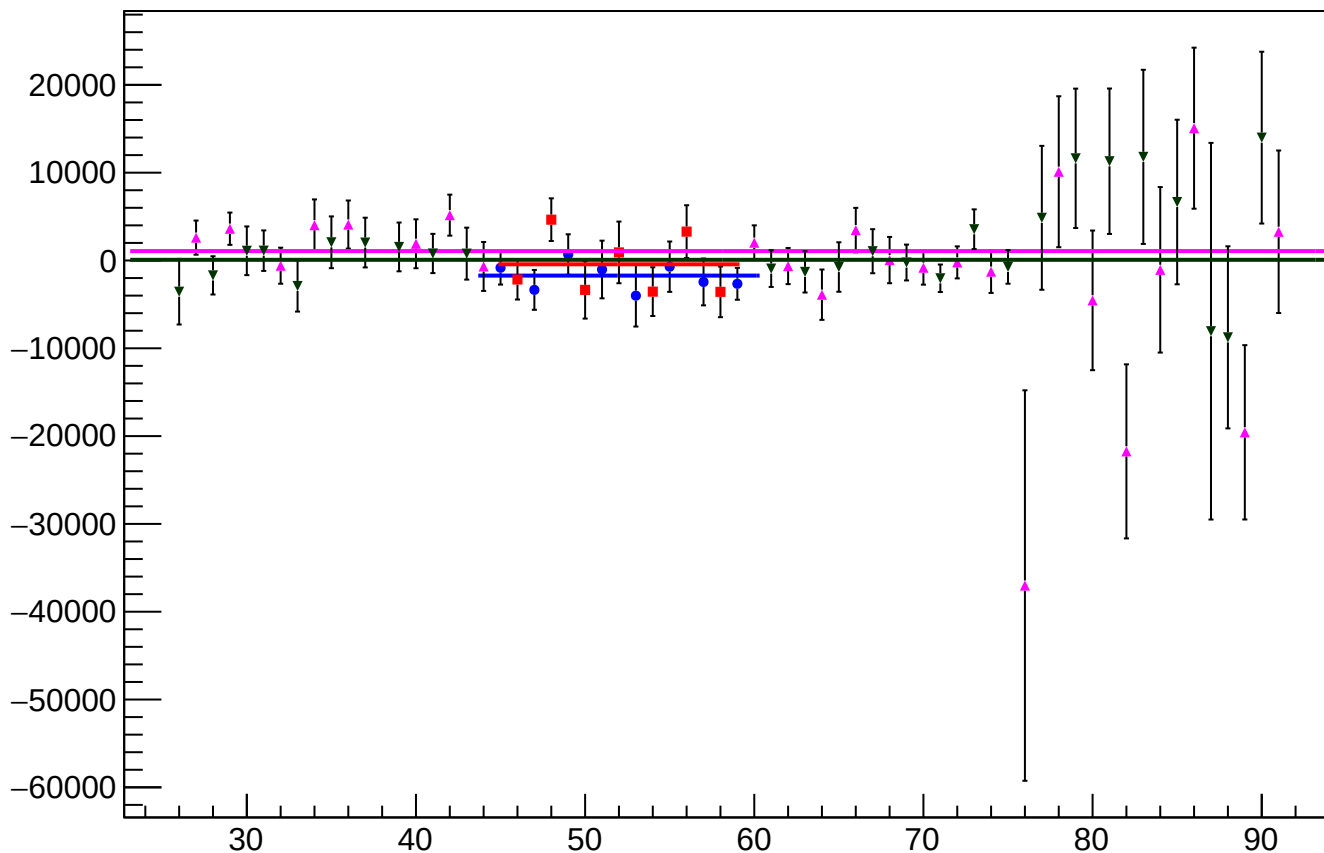
Left Out: 254.148+/-0.077 χ^2/NDF :13945101.6/25

270.473+/-0.053 χ^2/NDF : 40859861.6/64

Right Out: 1888.070+/-0.733 χ^2/NDF : 242948.0/6

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

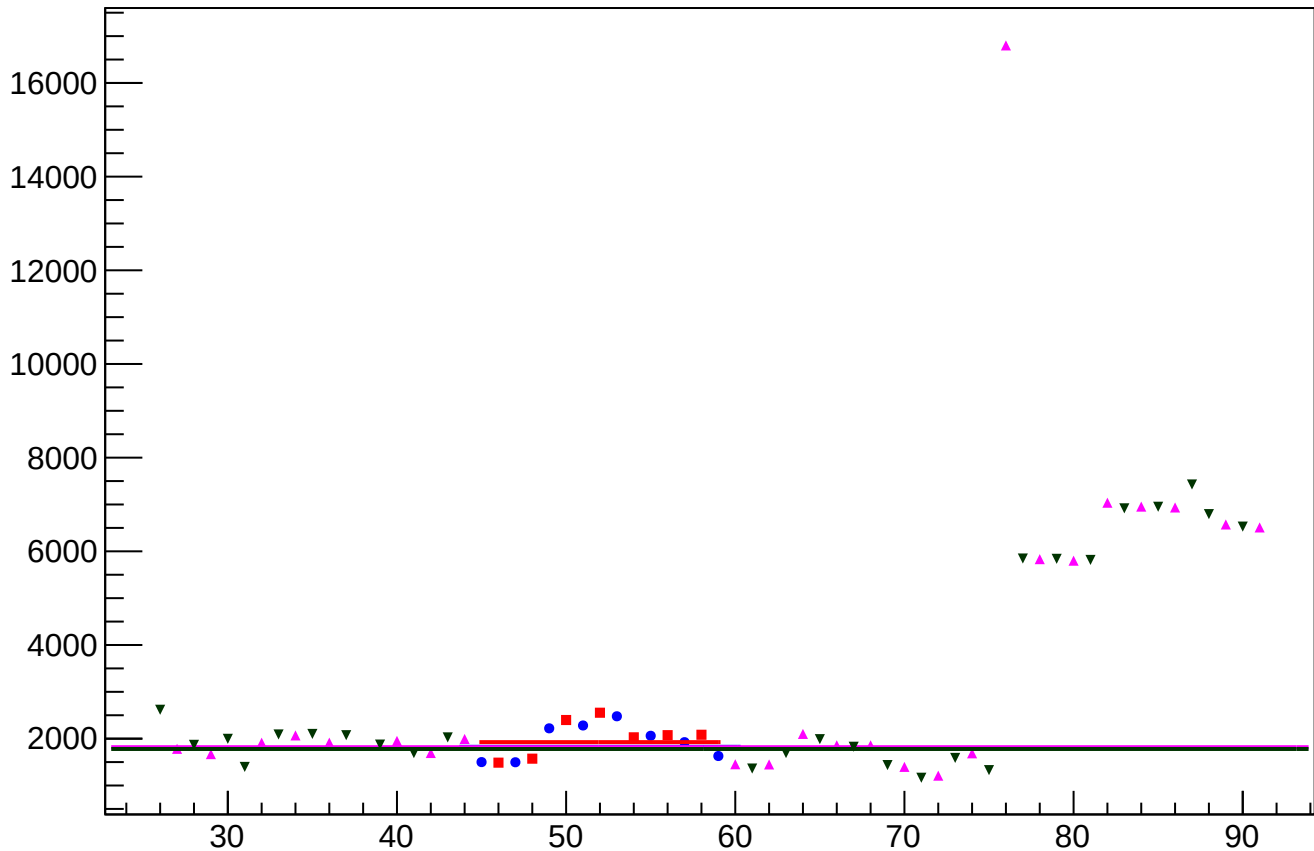
Left Out: 76.052+/-550.308 χ^2/NDF : 18.6/25

Right Out: -435.391+/-1056.077 χ^2/NDF : 9.9/6

Left In: 1070.276+/-556.578 χ^2/NDF : 32.9/23

103.961+/-336.703 χ^2/NDF : 72.1/64

asym_atr1l2_avg_rms vs slug



Right In: 1825.860+/-0.599 χ^2/NDF : 305729.8/7

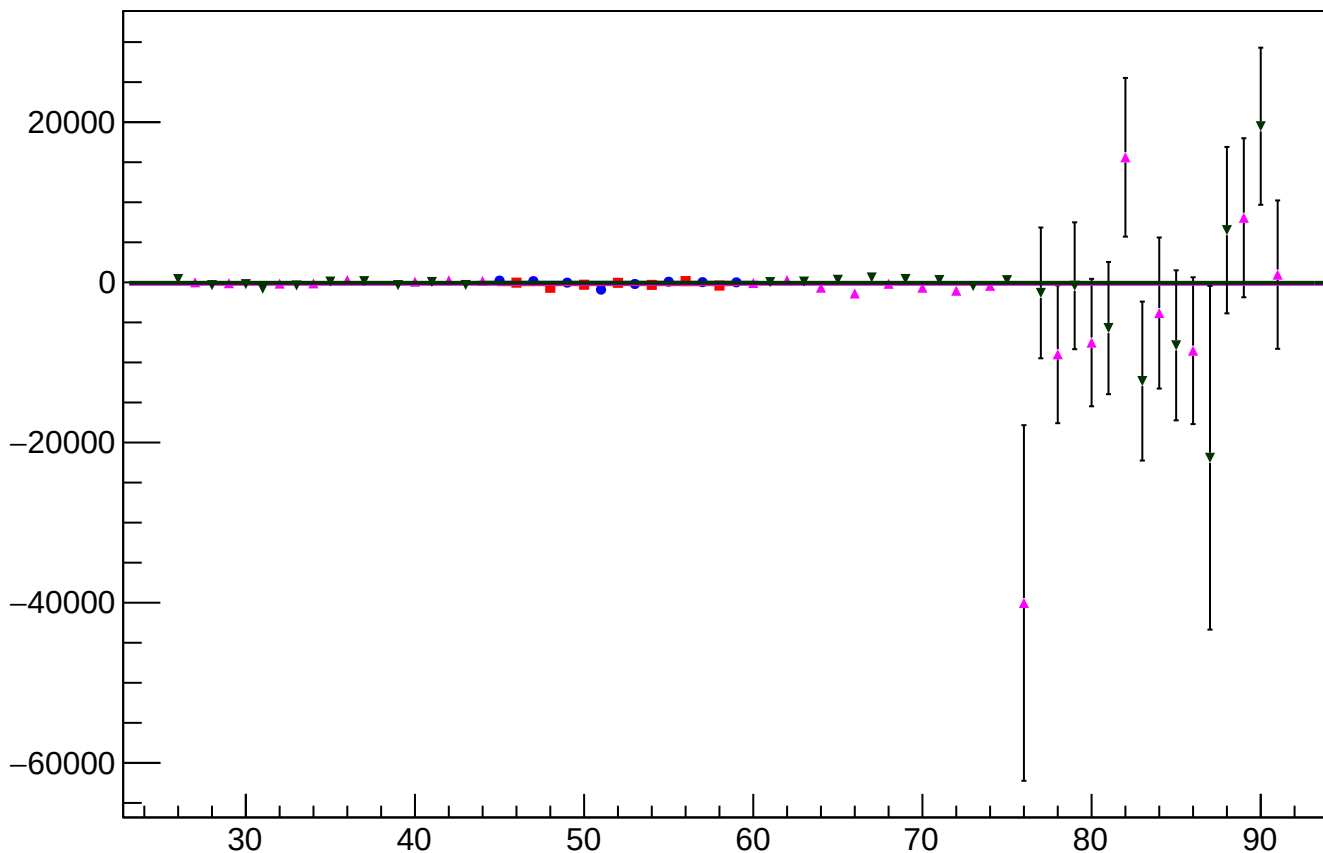
Left Out: 1780.008+/-0.389 χ^2/NDF :4556986.1/25

Right Out: 1925.851+/-0.747 χ^2/NDF : 235248.1/6

Left In: 1818.419+/-0.394 χ^2/NDF :5119435.5/23

1816.136+/-0.238 χ^2/NDF : 10247902.3/64

reg_asym_atr1l2_dd_mean vs slug



Right In: -53.211+/-130.811 χ^2/NDF : 5.1/7

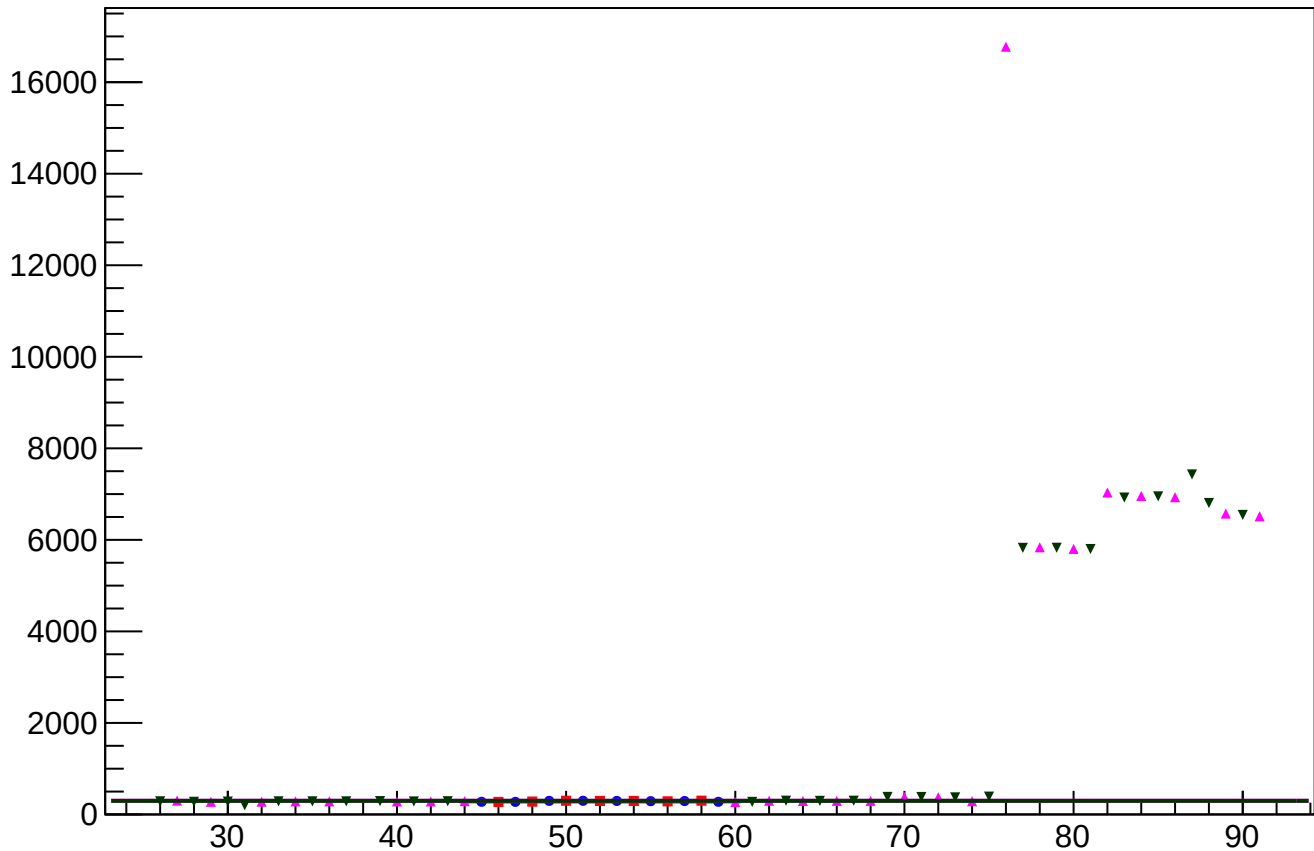
Left Out: -59.077+/-97.355 χ^2/NDF : 23.3/25

Right Out: -228.590+/-155.798 χ^2/NDF : 2.7/6

Left In: -181.098+/-97.725 χ^2/NDF : 28.8/23

-121.744+/-56.809 χ^2/NDF : 61.4/64

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.057+/-0.092 χ^2/NDF : 10574.0/7

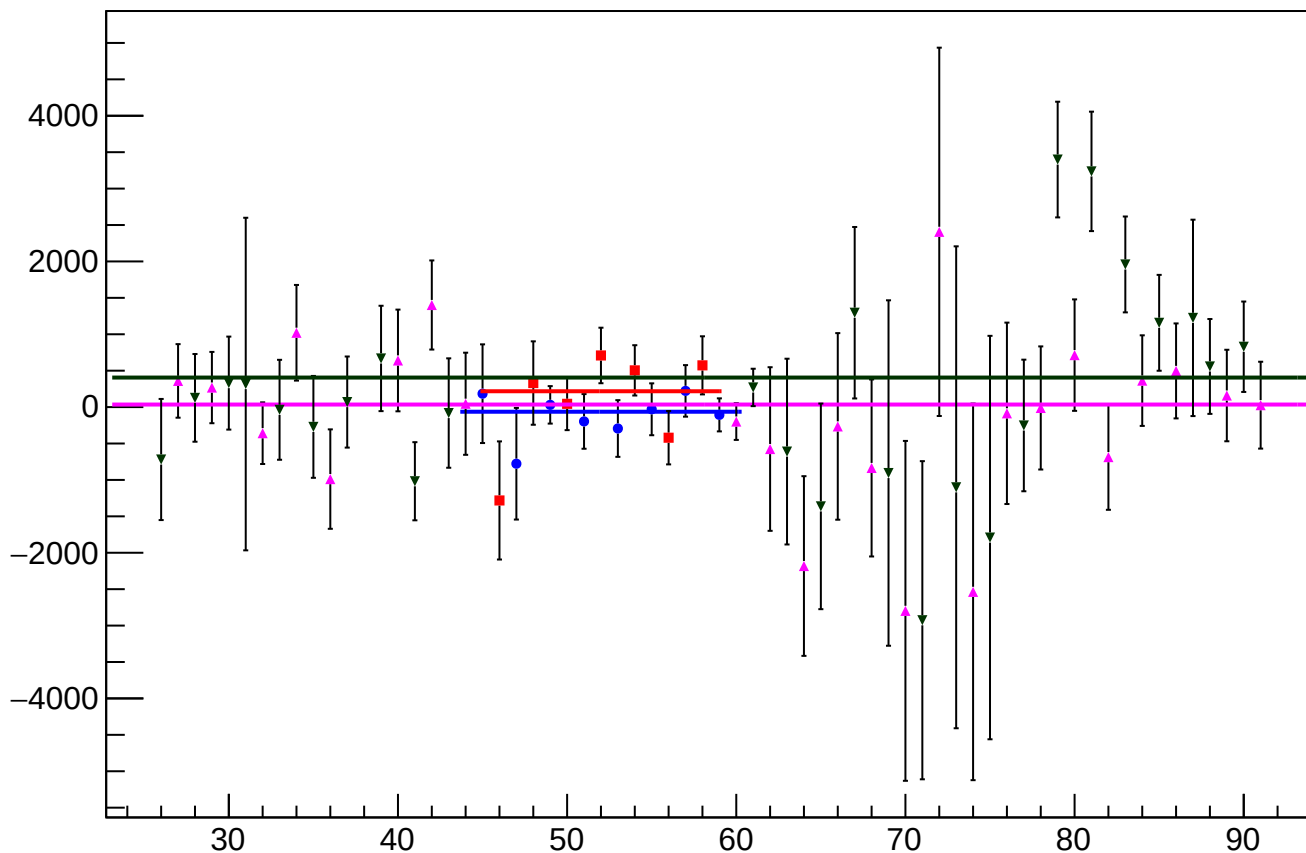
Left Out: 297.377+/-0.069 χ^2/NDF : 6896249.3/25

295.182+/-0.040 χ^2/NDF : 14614086.6/64

Right Out: 290.711+/-0.110 χ^2/NDF : 7134.9/6

Left In: 299.265+/-0.069 χ^2/NDF : 7686257.8/23

asym_atr1l2_dd_correction_mean vs slug



Right In: -63.687 ± 121.276 χ^2/NDF : 2.3/7

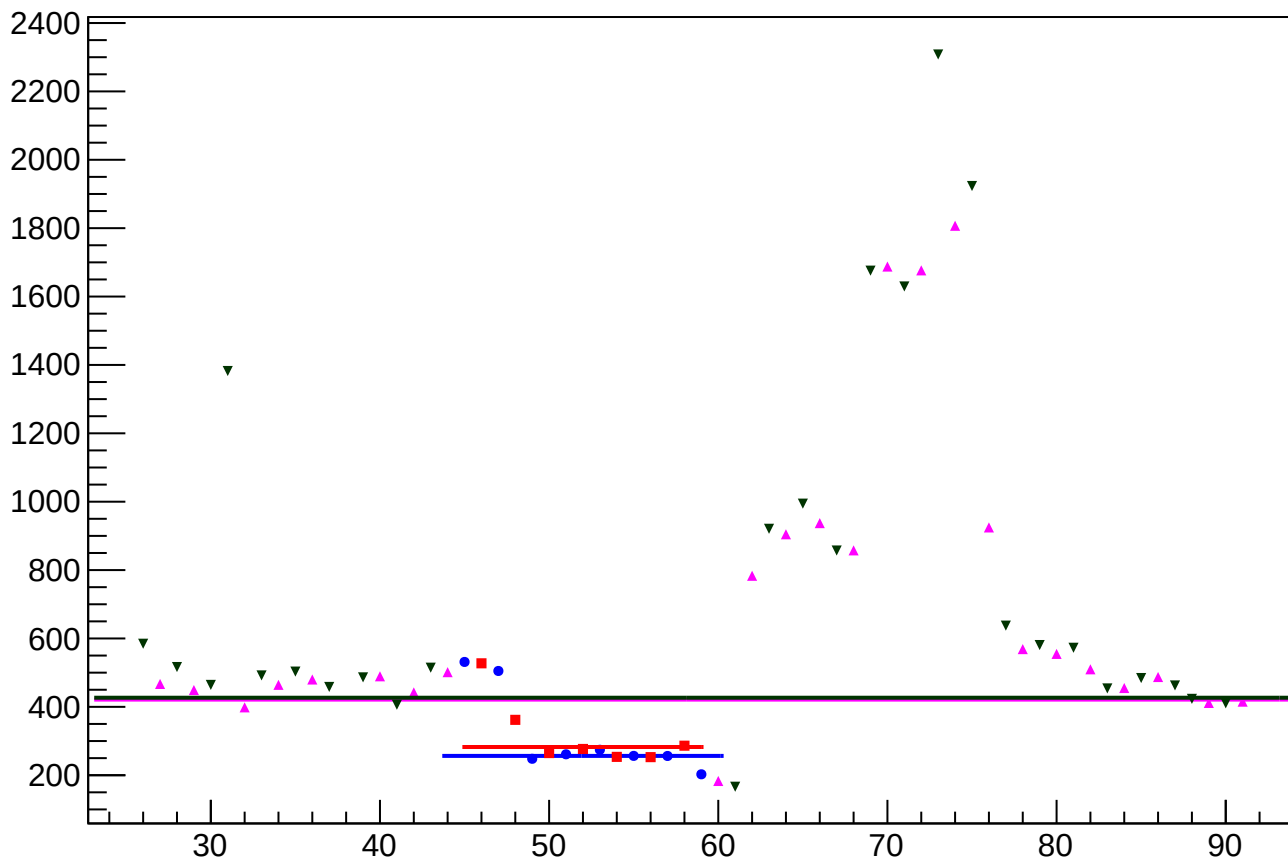
Left Out: 405.538 ± 137.654 χ^2/NDF : 52.2/25

Right Out: 217.611 ± 155.724 χ^2/NDF : 9.9/6

Left In: 35.101 ± 129.337 χ^2/NDF : 22.7/23

126.898 ± 67.149 χ^2/NDF : 94.5/64

asym_atr1l2_dd_correction_rms vs slug



Right In: 256.531+/-0.086 χ^2/NDF : 658260.2/7

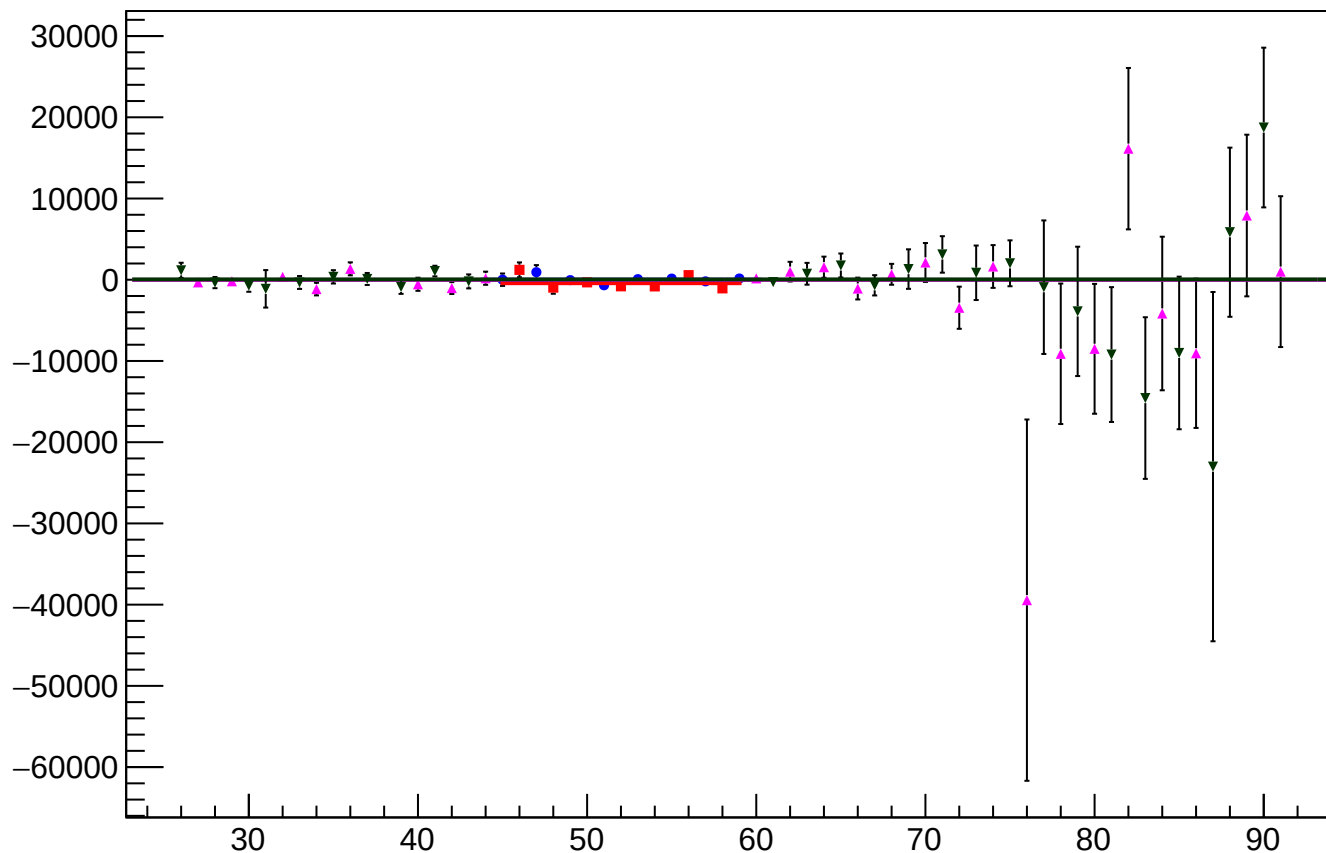
Left Out: 426.671+/-0.097 χ^2/NDF : 6173957.9/25

Right Out: 282.557+/-0.110 χ^2/NDF : 253192.8/6

Left In: 421.173+/-0.091 χ^2/NDF : 5140369.9/23

346.234+/-0.047 χ^2/NDF : 15008725.5/64

asym_atr1l2_dd_mean vs slug



Right In: -4.086+/-185.506 χ^2/NDF : 2.9/7

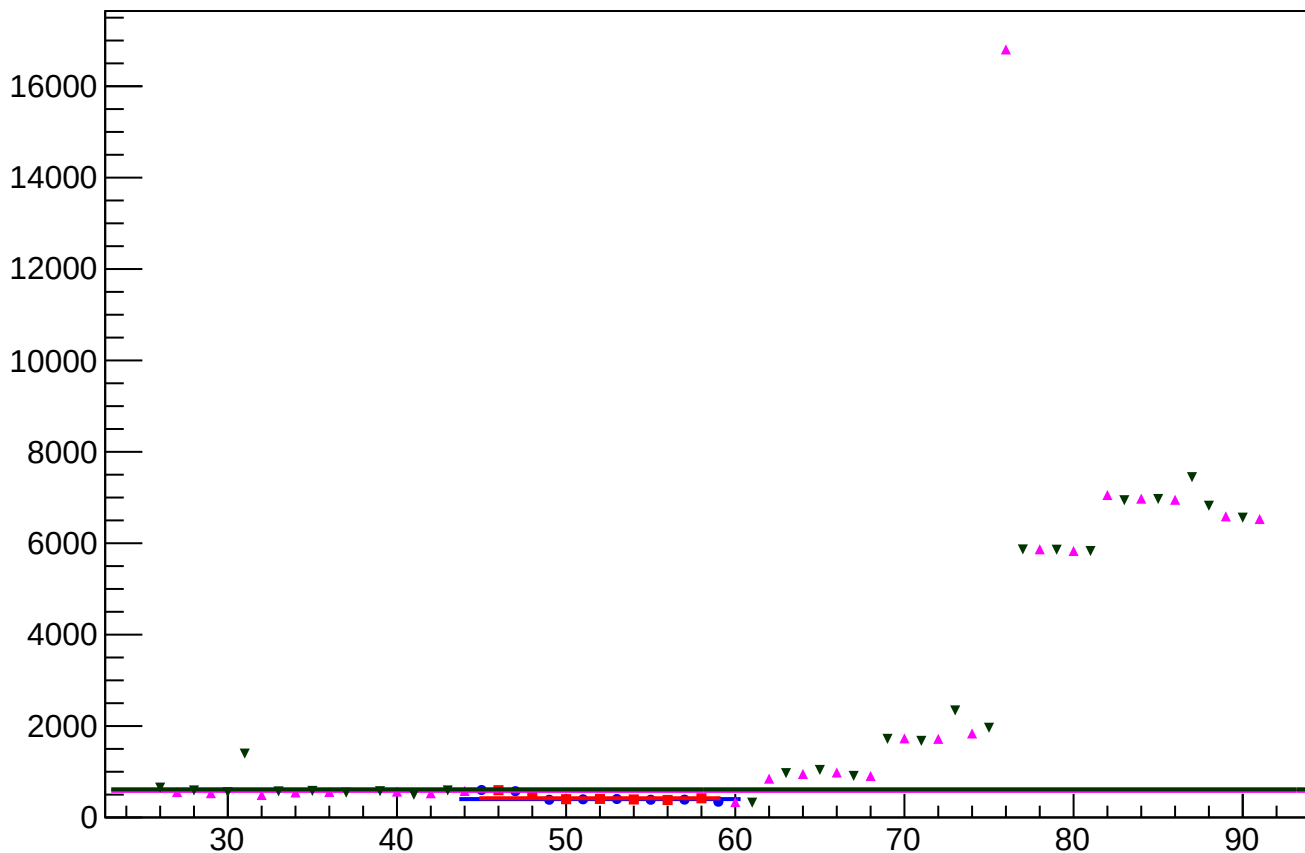
Left Out: 36.403+/-215.579 χ^2/NDF : 21.9/25

Right Out: -422.138+/-227.729 χ^2/NDF : 9.2/6

Left In: -15.076+/-199.688 χ^2/NDF : 24.2/23

-82.722+/-102.632 χ^2/NDF : 61.1/64

asym_atr1l2_dd_rms vs slug



Right In: 401.581+/-0.131 χ^2/NDF : 263068.6/7

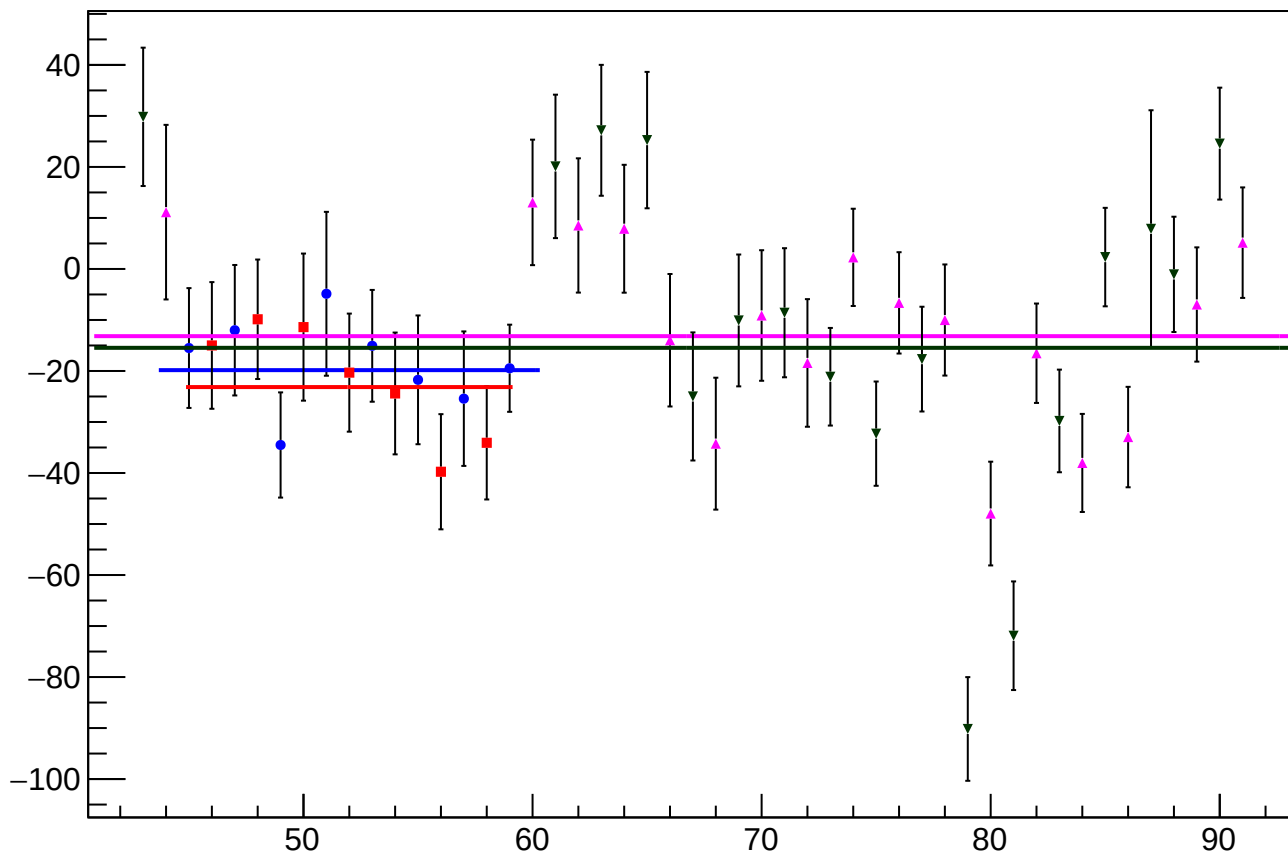
Left Out: 616.142+/-0.152 χ^2/NDF : 9140972.2/25

Right Out: 420.555+/-0.161 χ^2/NDF : 110693.3/6

Left In: 581.392+/-0.141 χ^2/NDF : 9480856.0/23

501.563+/-0.073 χ^2/NDF : 20714242.5/64

diff_bpm0l01X_mean vs slug



Right In: -19.836+/-4.059 $\chi^2/\text{NDF}: 3.8/7$

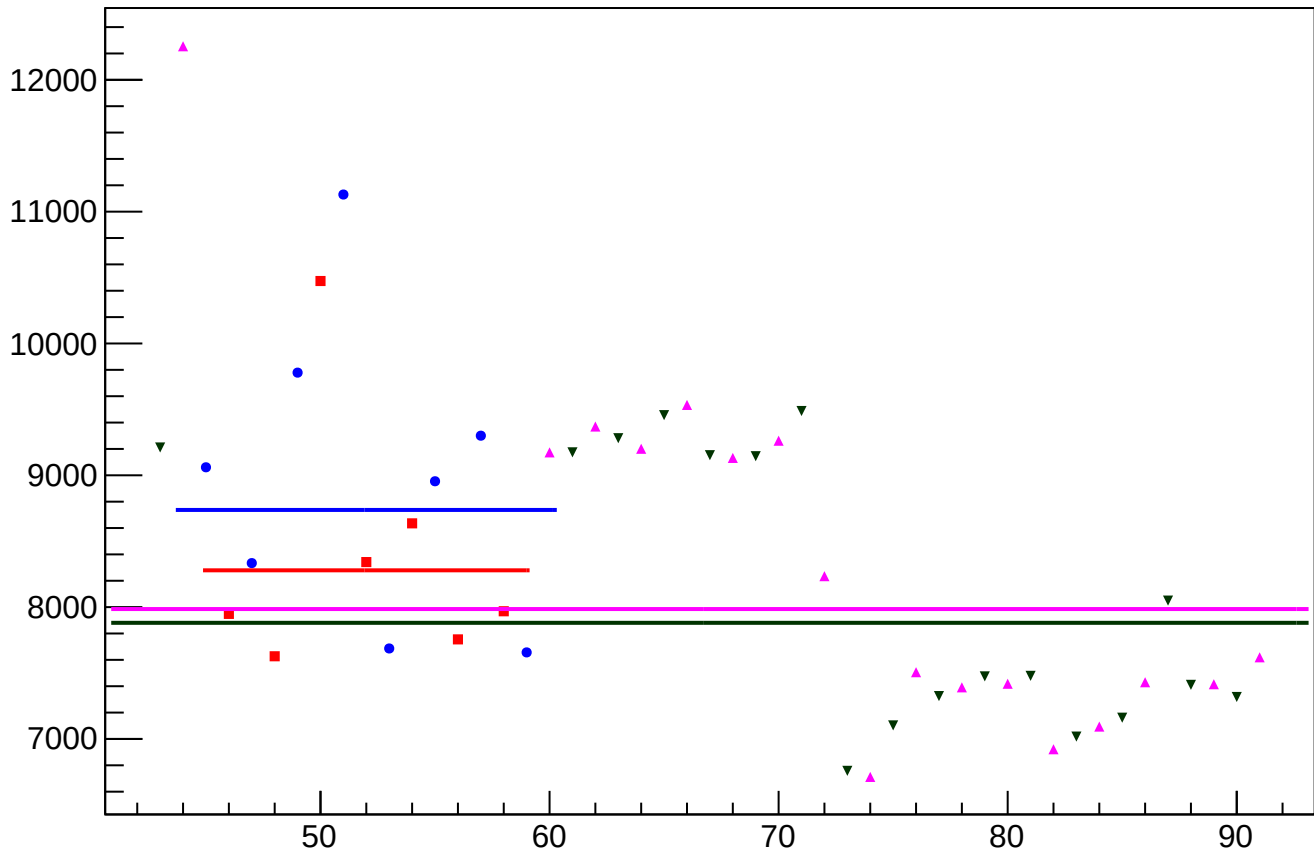
Left Out: -15.461+/-2.797 $\chi^2/\text{NDF}: 145.6/16$

Right Out: -23.154+/-4.517 $\chi^2/\text{NDF}: 5.6/6$

Left In: -13.174+/-2.732 $\chi^2/\text{NDF}: 43.9/16$

-16.366+/-1.641 $\chi^2/\text{NDF}: 203.3/48$

diff_bpm0l01X_rms vs slug



Right In: 8737.182+/-2.870 χ^2 /NDF: 122932.9/7

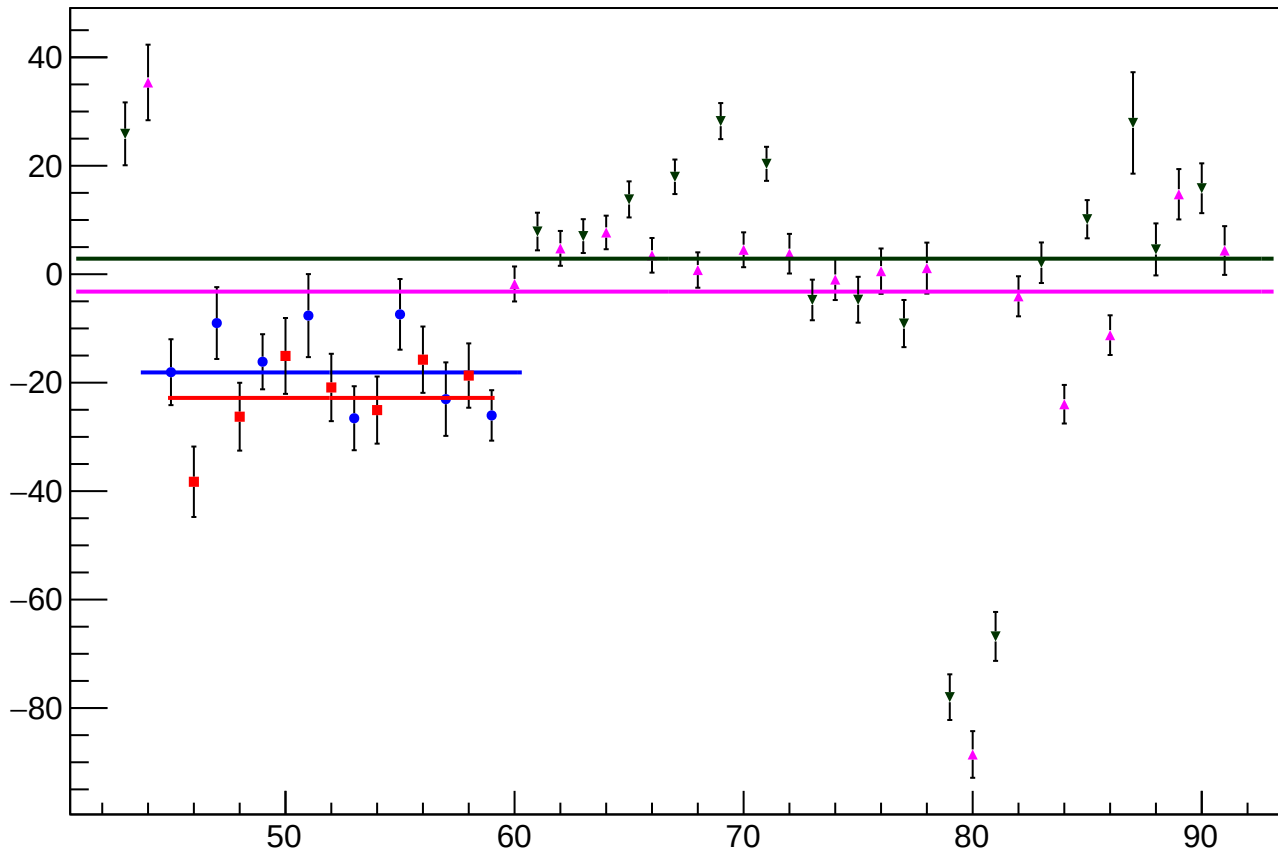
Left Out: 7880.922+/-1.978 χ^2 /NDF: 245358.9/16

Right Out: 8279.164+/-3.194 χ^2 /NDF: 61666.6/6

Left In: 7985.416+/-1.932 χ^2 /NDF: 356321.2/16

8111.059+/-1.160 χ^2 /NDF: 854415.5/48

diff_bpm0l01Y_mean vs slug



Right In: -18.112 ± 2.104 χ^2/NDF : 12.1/7

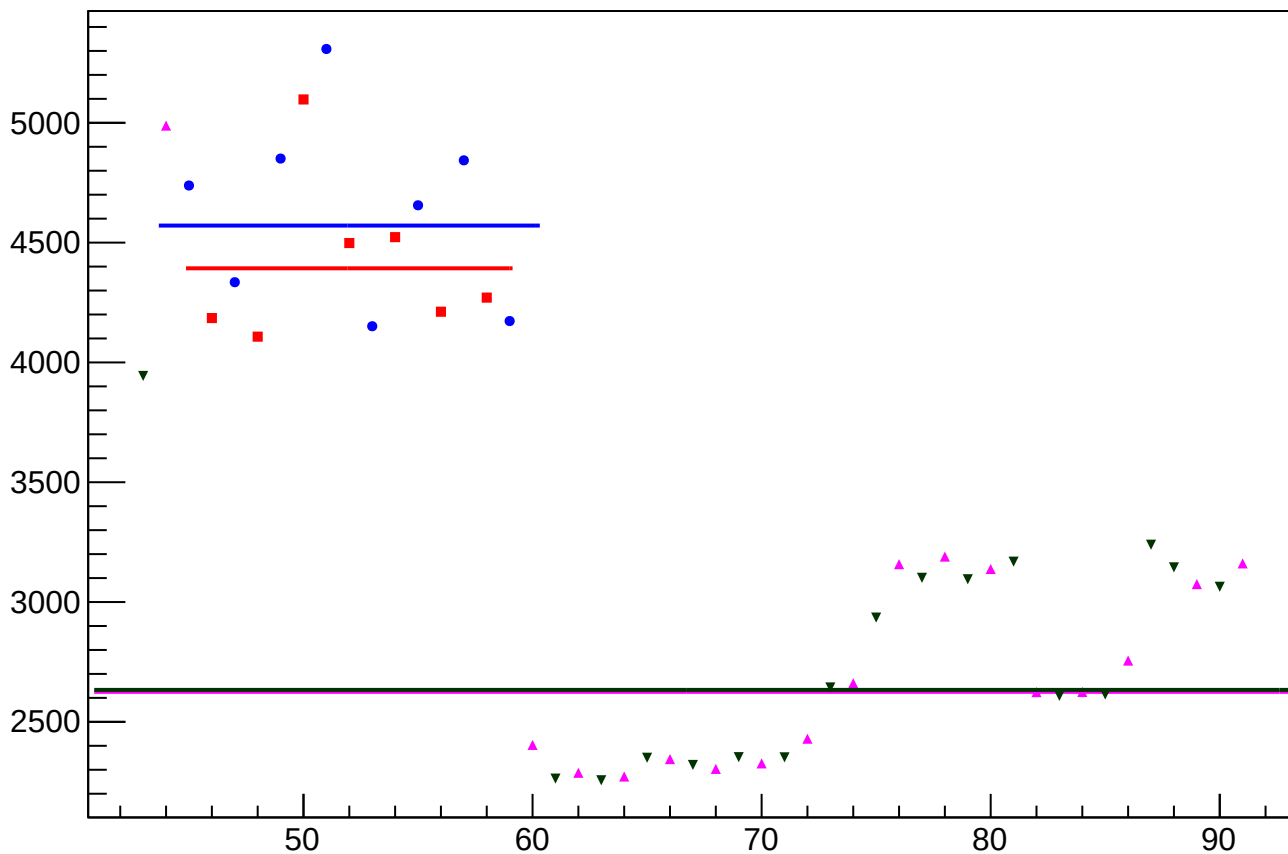
Left Out: 2.866 ± 0.938 χ^2/NDF : 783.8/16

Right Out: -22.812 ± 2.378 χ^2/NDF : 9.2/6

Left In: -3.207 ± 0.901 χ^2/NDF : 517.0/16

-3.183 ± 0.601 χ^2/NDF : 1482.2/48

diff_bpm0l01Y_rms vs slug



Right In: 4571.162+/-1.488 χ^2/NDF : 57029.7/7

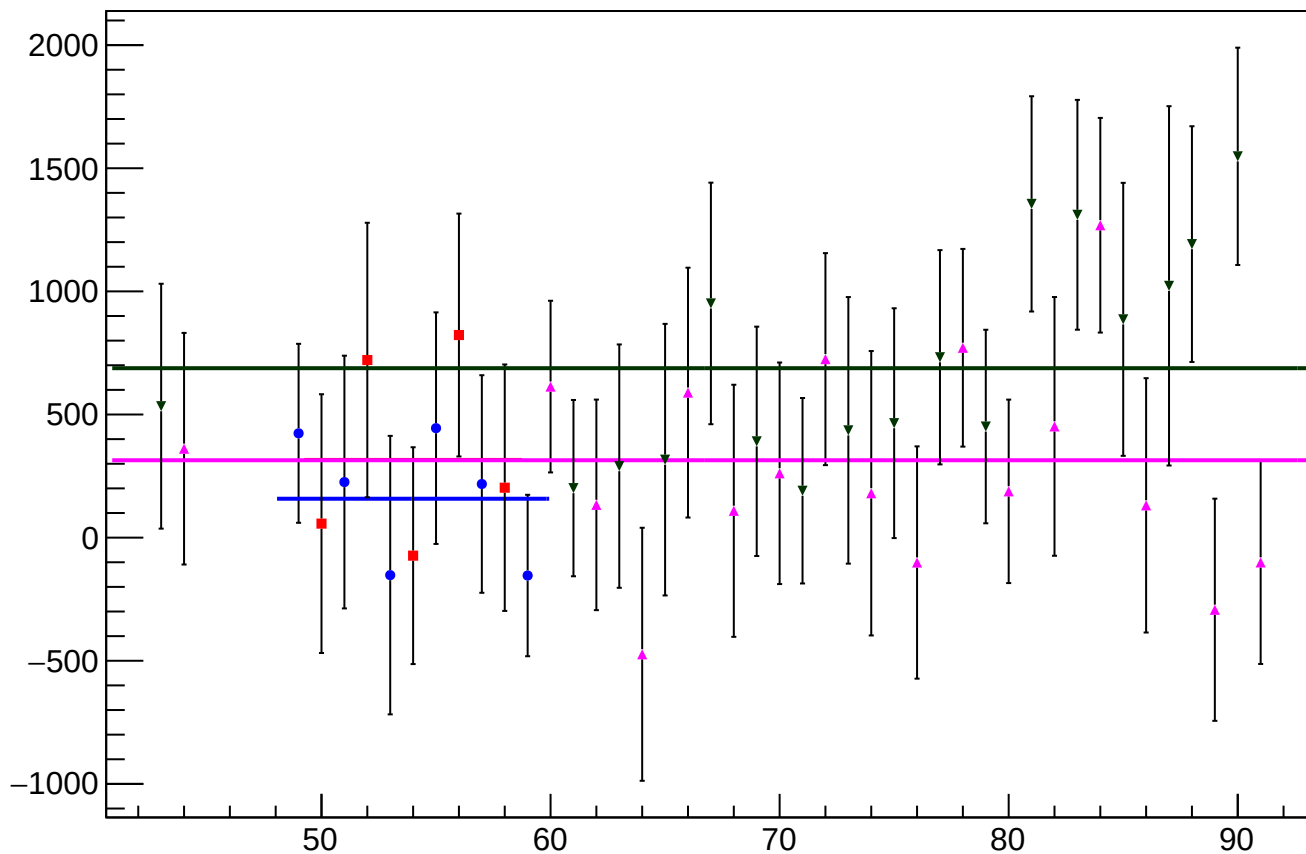
Left Out: 2633.337+/-0.663 χ^2/NDF : 352739.9/16

Right Out: 4392.756+/-1.681 χ^2/NDF : 30562.9/6

Left In: 2625.125+/-0.637 χ^2/NDF : 485184.3/16

2900.121+/-0.425 χ^2/NDF : 3323471.6/48

asym_ds_agg_av_mean vs slug



Right In: 157.963+/-172.889 χ^2/NDF : 2.1/5

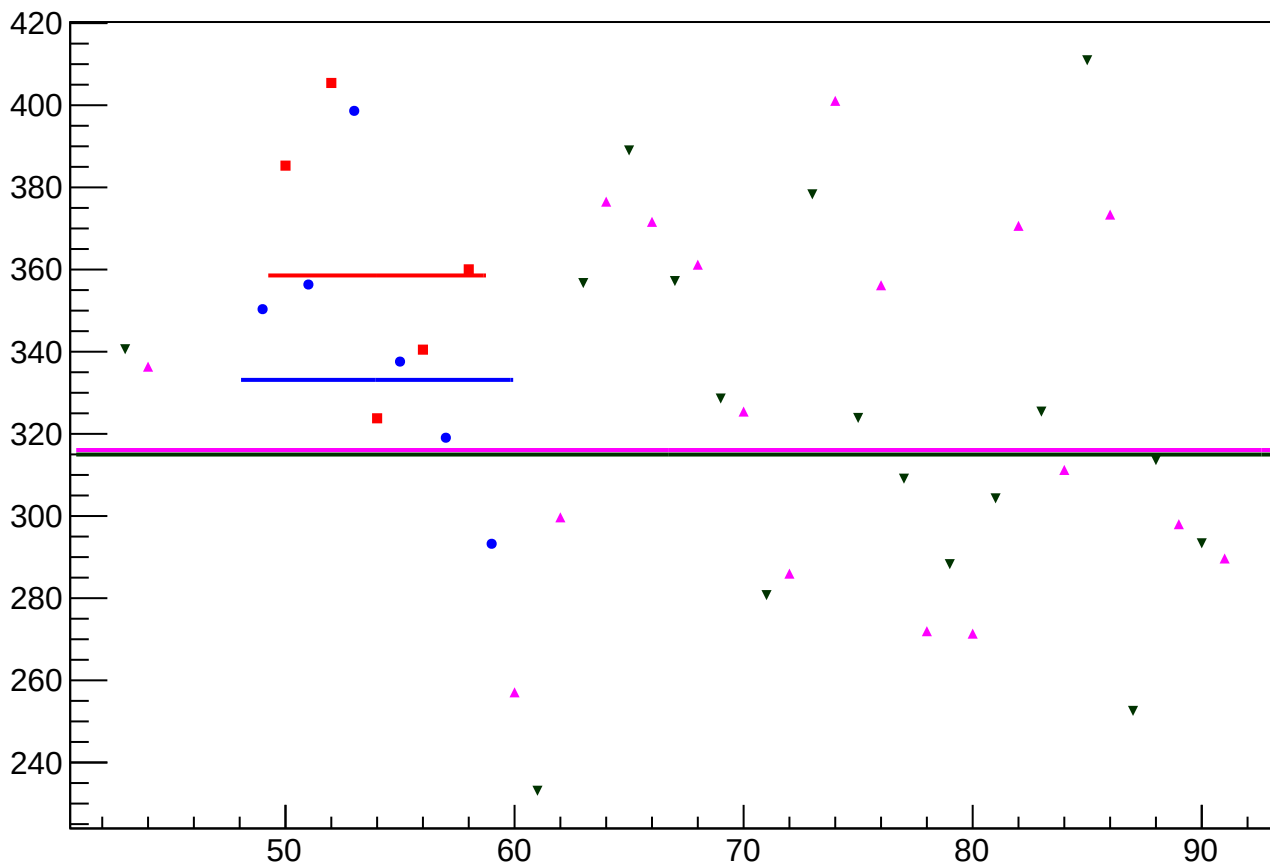
Left Out: 688.047+/-112.302 χ^2/NDF :15.7/16

Right Out: 315.489+/-223.000 χ^2/NDF : 2.7/4

Left In: 314.283+/-108.850 χ^2/NDF :14.7/16

426.734+/-67.844 χ^2/NDF : 44.3/44

asym_ds_agg_av_rms vs slug



Right In: 333.141+/-0.122 χ^2/NDF : 67259.9/5

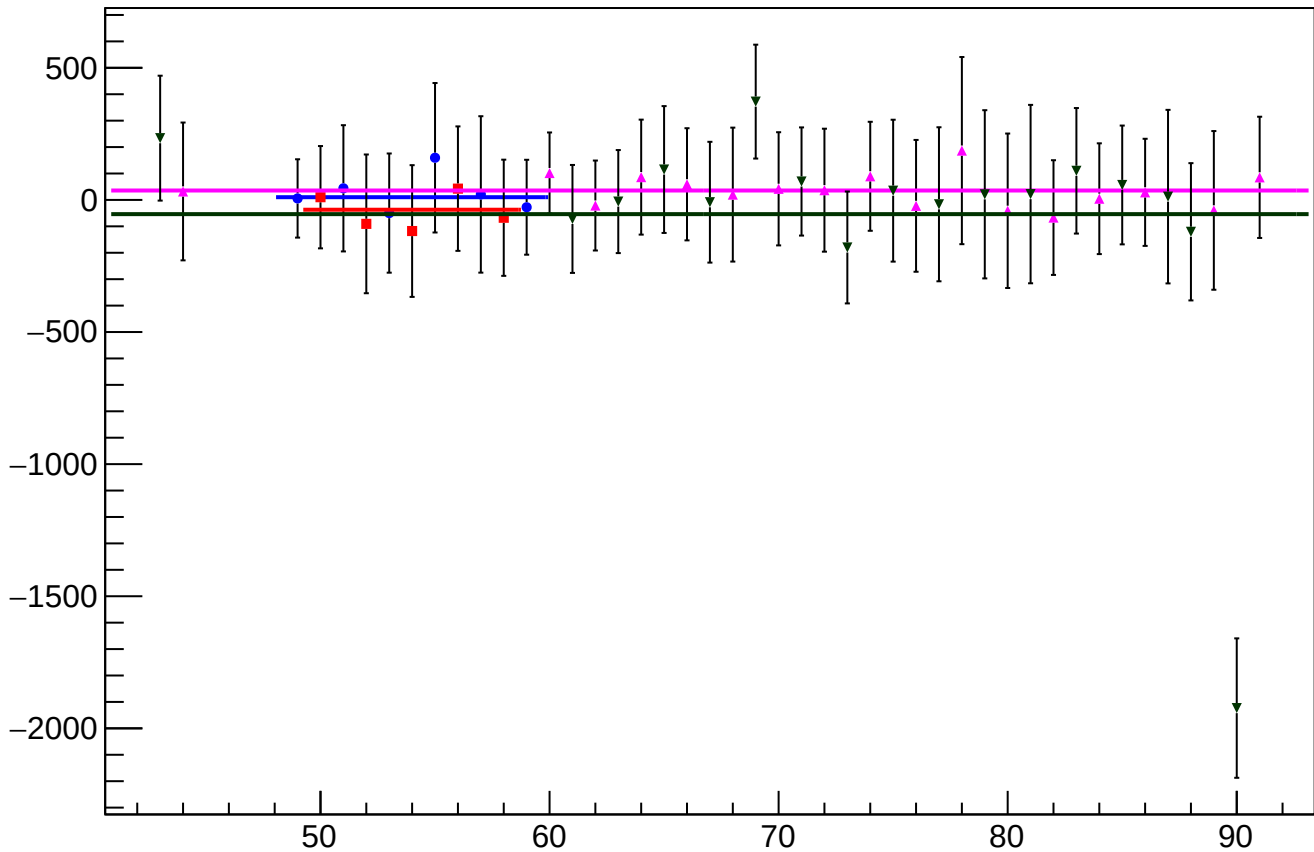
Left Out: 314.966+/-0.079 χ^2/NDF : 312610.6/16

Right Out: 358.560+/-0.158 χ^2/NDF : 34493.6/4

Left In: 316.072+/-0.077 χ^2/NDF : 310437.4/16

322.229+/-0.048 χ^2/NDF : 800616.5/44

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

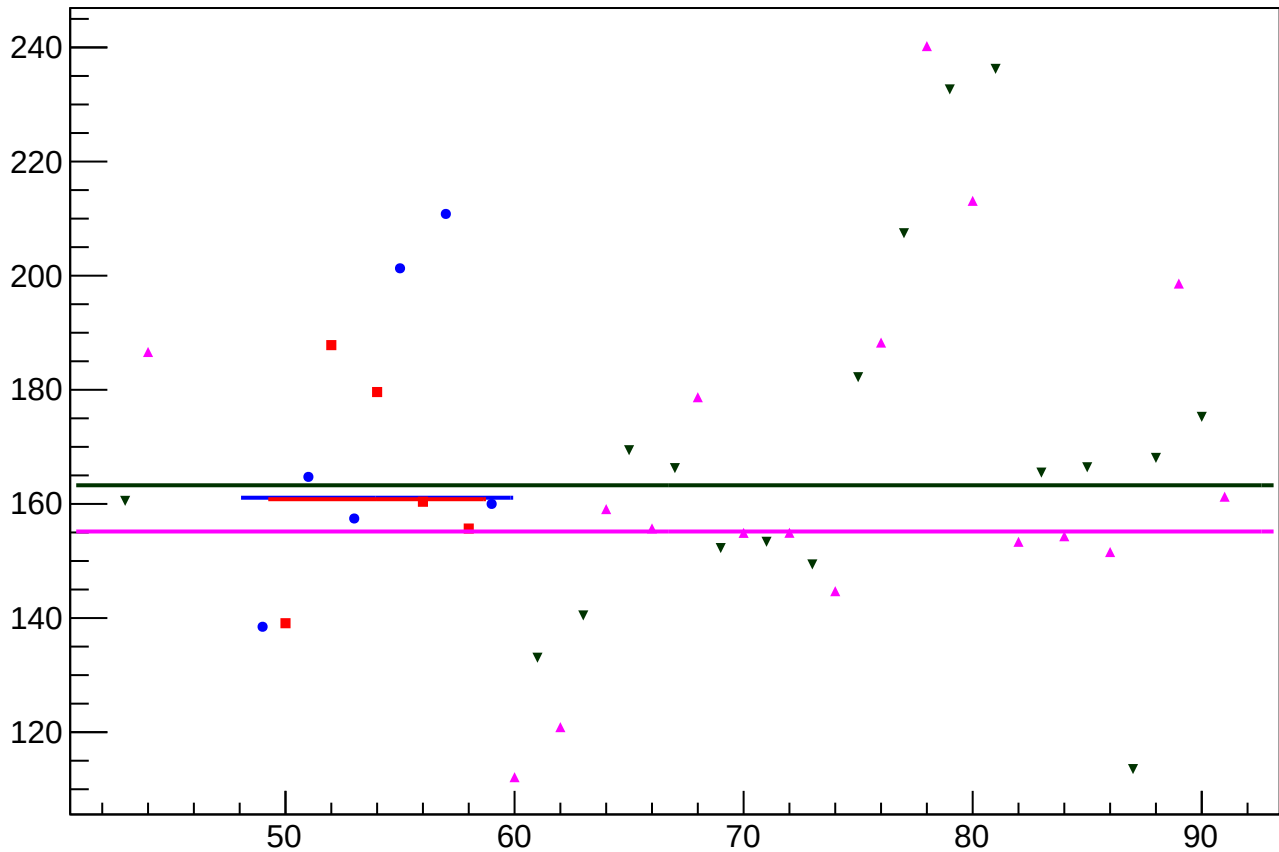
Left Out: -53.799 $\pm$ 58.463 χ^2 /NDF:58.0/16

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

-6.247 $\pm$ 33.814 χ^2 /NDF: 61.2/44

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 161.088+/-0.060 χ^2/NDF : 144469.6/5

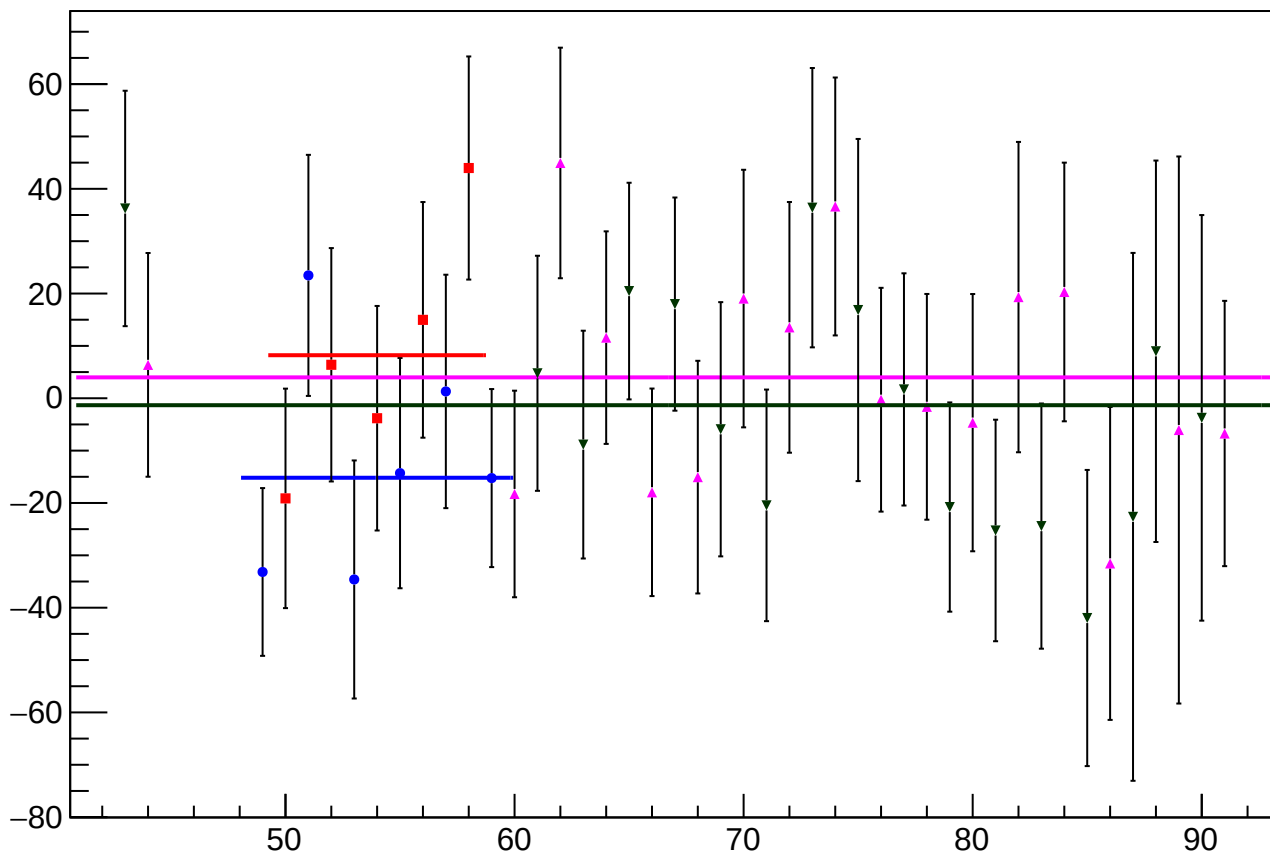
Left Out: 163.269+/-0.041 χ^2/NDF : 387062.3/16

Right Out: 160.825+/-0.072 χ^2/NDF : 58807.1/4

Left In: 155.169+/-0.038 χ^2/NDF : 563894.1/16

159.431+/-0.024 χ^2/NDF : 1176639.9/44

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -15.182 ± 8.096 $\chi^2/\text{NDF}: 5.4/5$

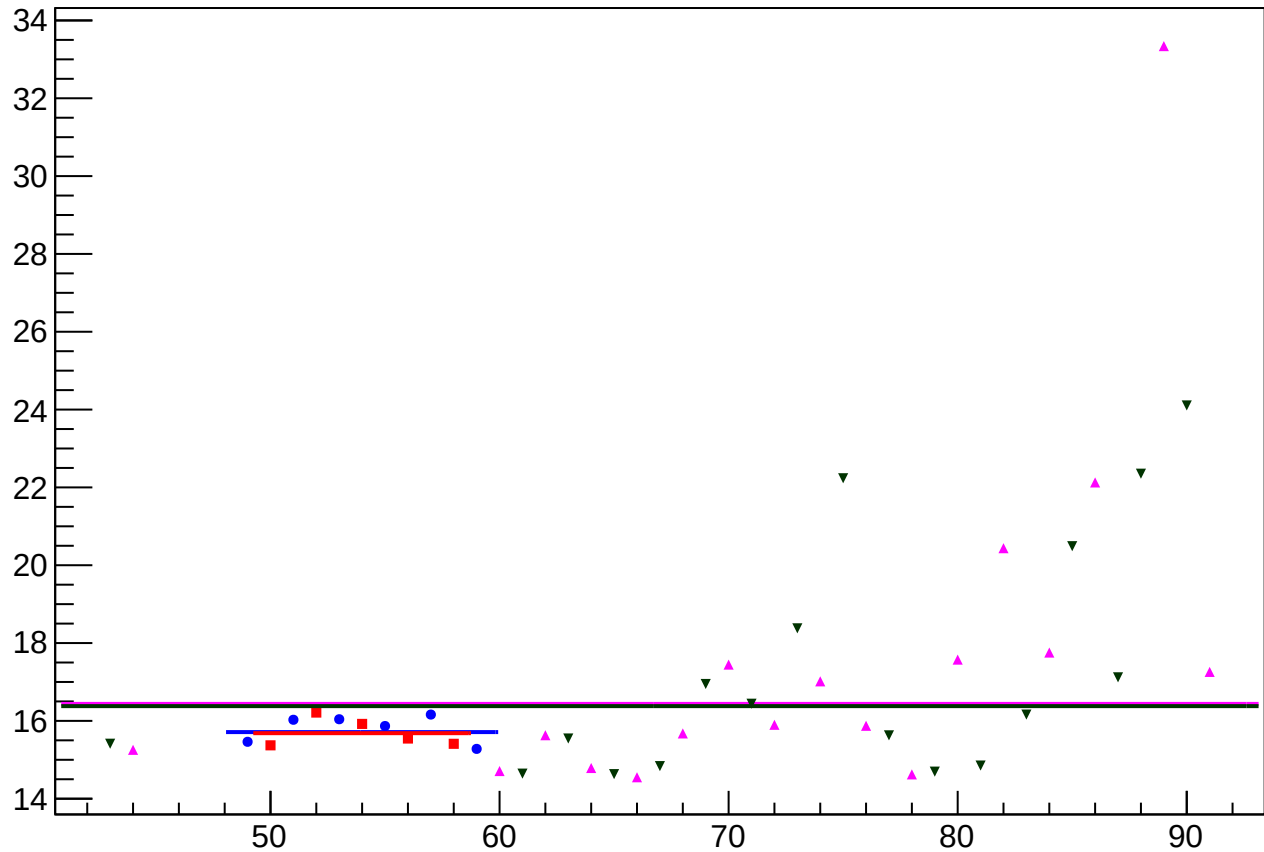
Left Out: -1.326 ± 5.916 $\chi^2/\text{NDF}: 13.6/16$

Right Out: 8.220 ± 9.694 $\chi^2/\text{NDF}: 4.9/4$

Left In: 3.988 ± 5.708 $\chi^2/\text{NDF}: 11.7/16$

-0.701 ± 3.427 $\chi^2/\text{NDF}: 40.4/44$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.712 $\pm$ 0.006 χ^2/NDF : 3489.1/5

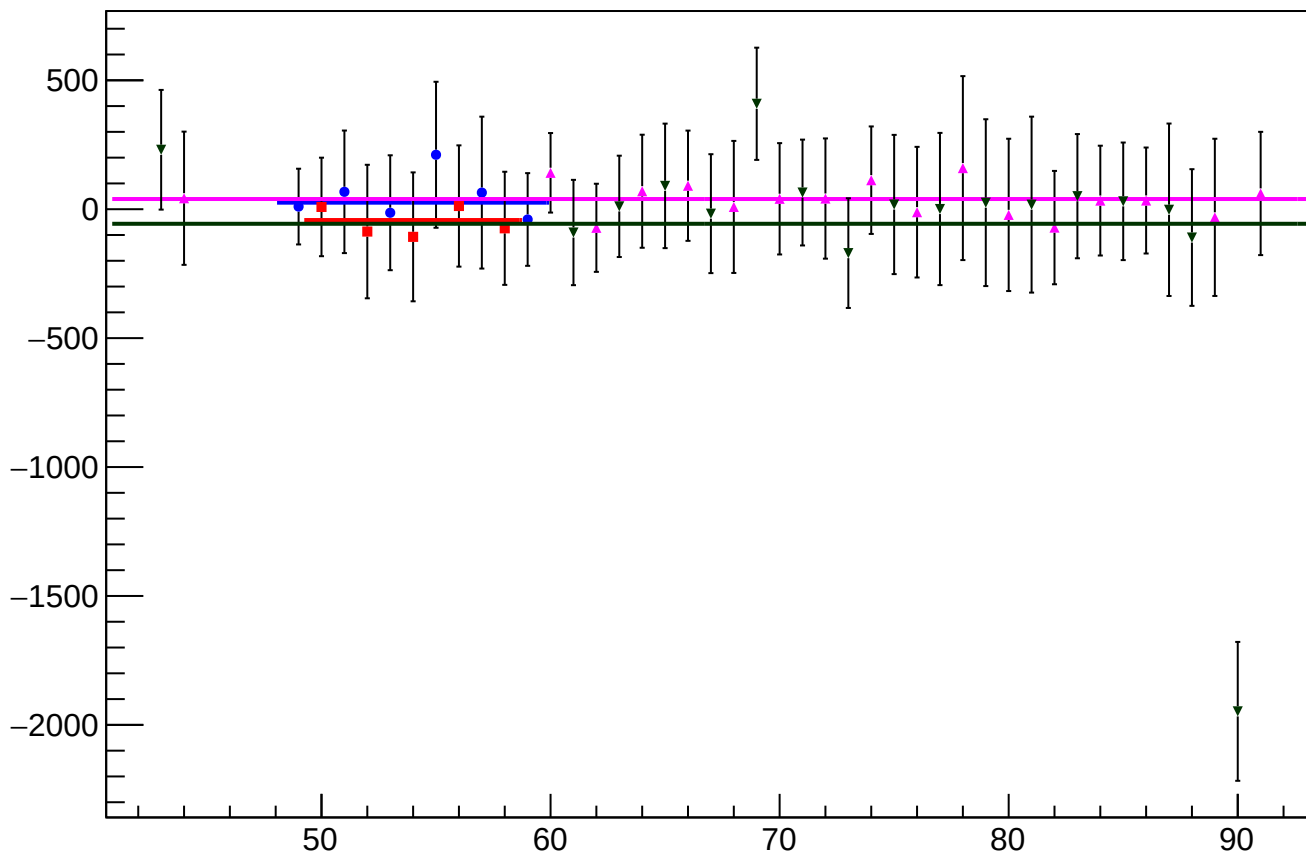
Left Out: 16.379 $\pm$ 0.004 χ^2/NDF : 324025.0/16

Right Out: 15.684 $\pm$ 0.007 χ^2/NDF : 2223.7/4

Left In: 16.436 $\pm$ 0.004 χ^2/NDF : 409179.5/16

16.193 $\pm$ 0.002 χ^2/NDF : 757108.4/44

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 25.401 $\pm$ 84.773 χ^2 /NDF: 0.7/5

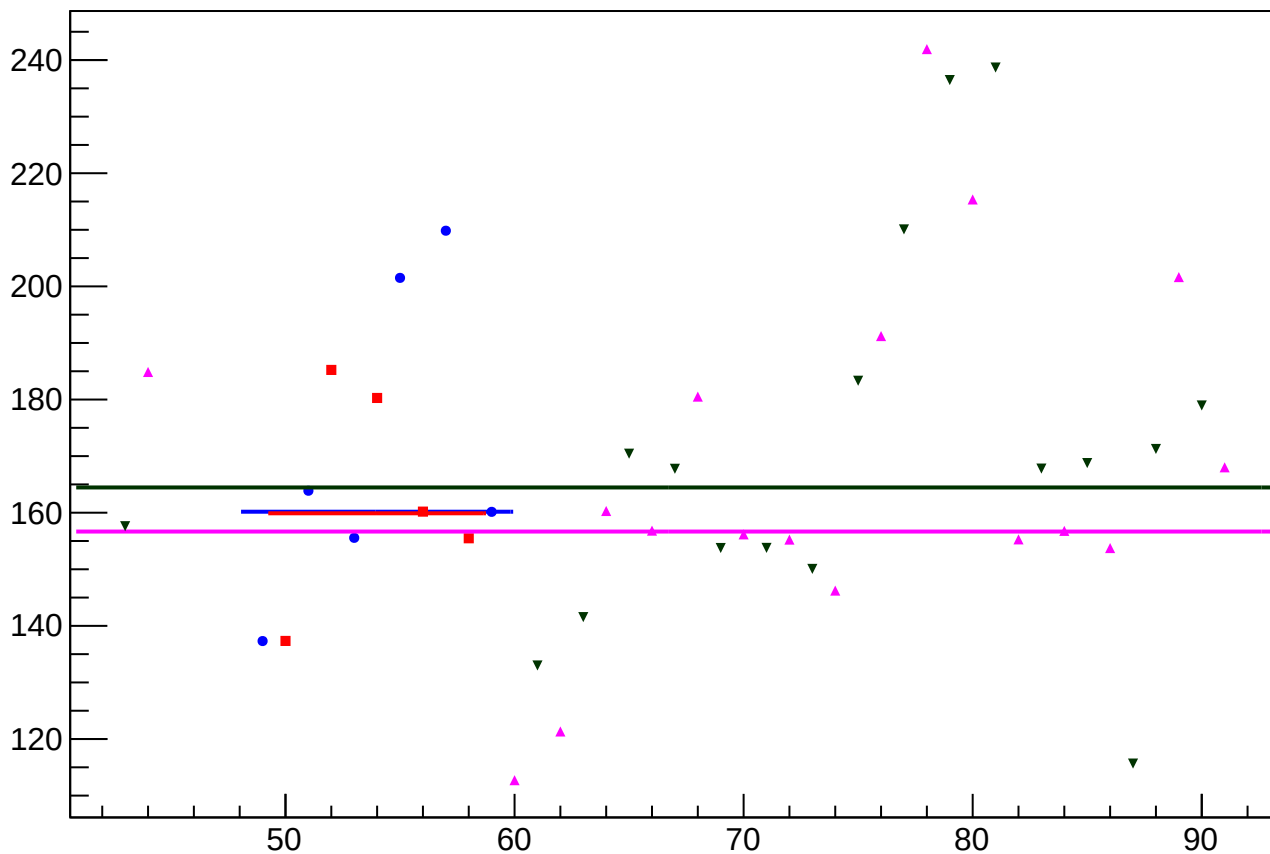
Left Out: -56.504 $\pm$ 58.913 χ^2 /NDF: 57.2/16

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

-3.823 $\pm$ 33.979 χ^2 /NDF: 61.4/44

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 160.175+/-0.060 χ^2/NDF : 149277.3/5

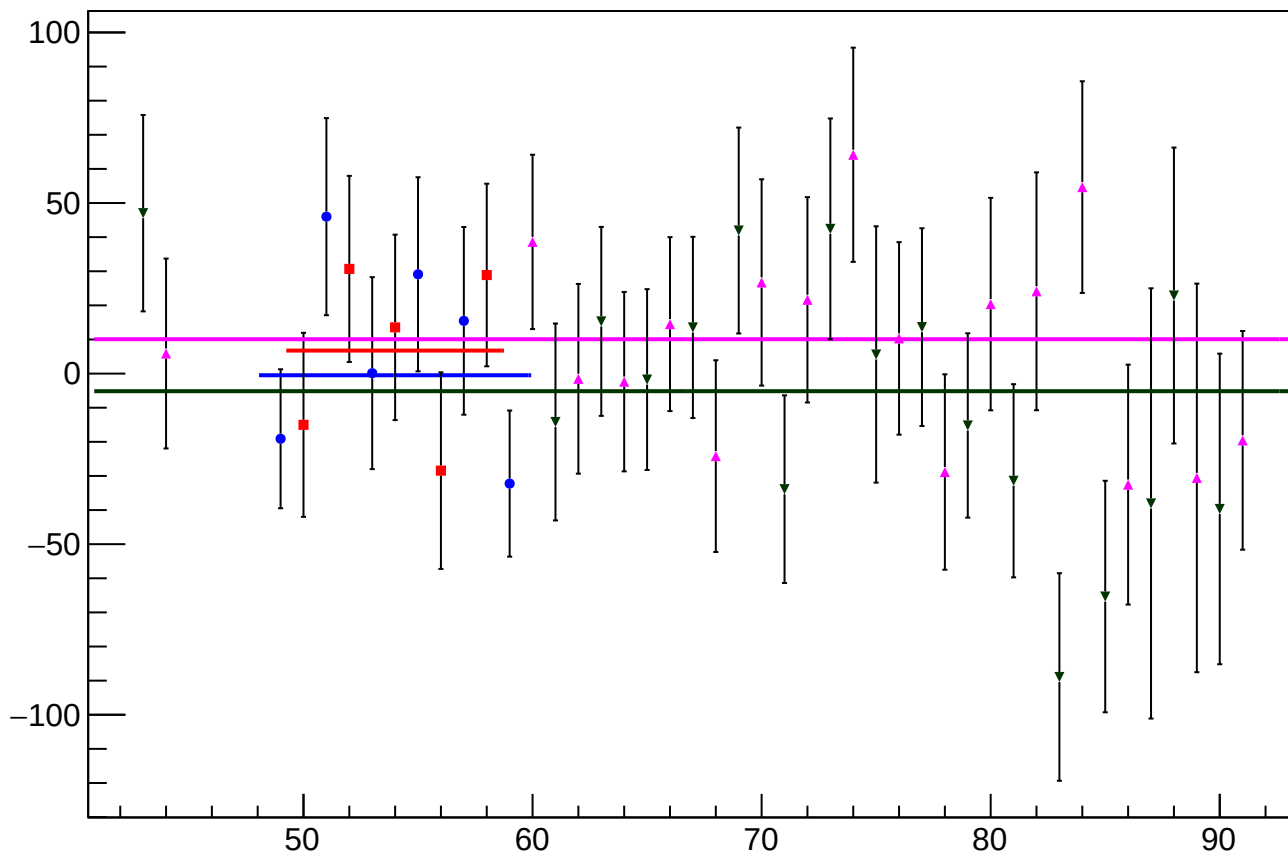
Left Out: 164.462+/-0.042 χ^2/NDF : 399455.3/16

Right Out: 159.894+/-0.072 χ^2/NDF : 61148.7/4

Left In: 156.669+/-0.038 χ^2/NDF : 573688.9/16

160.187+/-0.024 χ^2/NDF : 1202574.2/44

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -0.481 ± 10.201 χ^2/NDF : 7.0/5

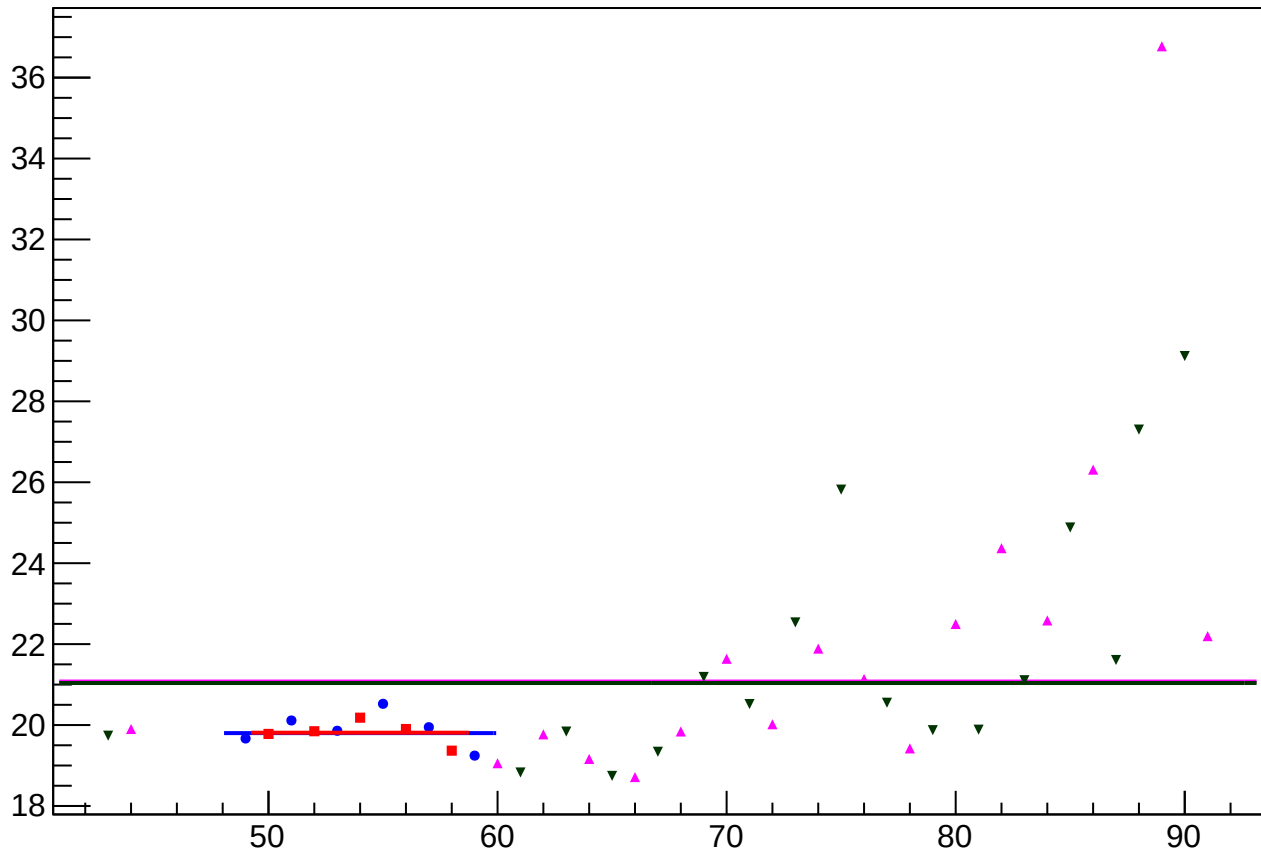
Left Out: -5.153 ± 7.525 χ^2/NDF : 23.6/16

Right Out: 6.749 ± 12.241 χ^2/NDF : 3.7/4

Left In: 10.077 ± 7.247 χ^2/NDF : 13.6/16

2.667 ± 4.344 χ^2/NDF : 50.3/44

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.801+/-0.007 χ^2/NDF : 3028.8/5

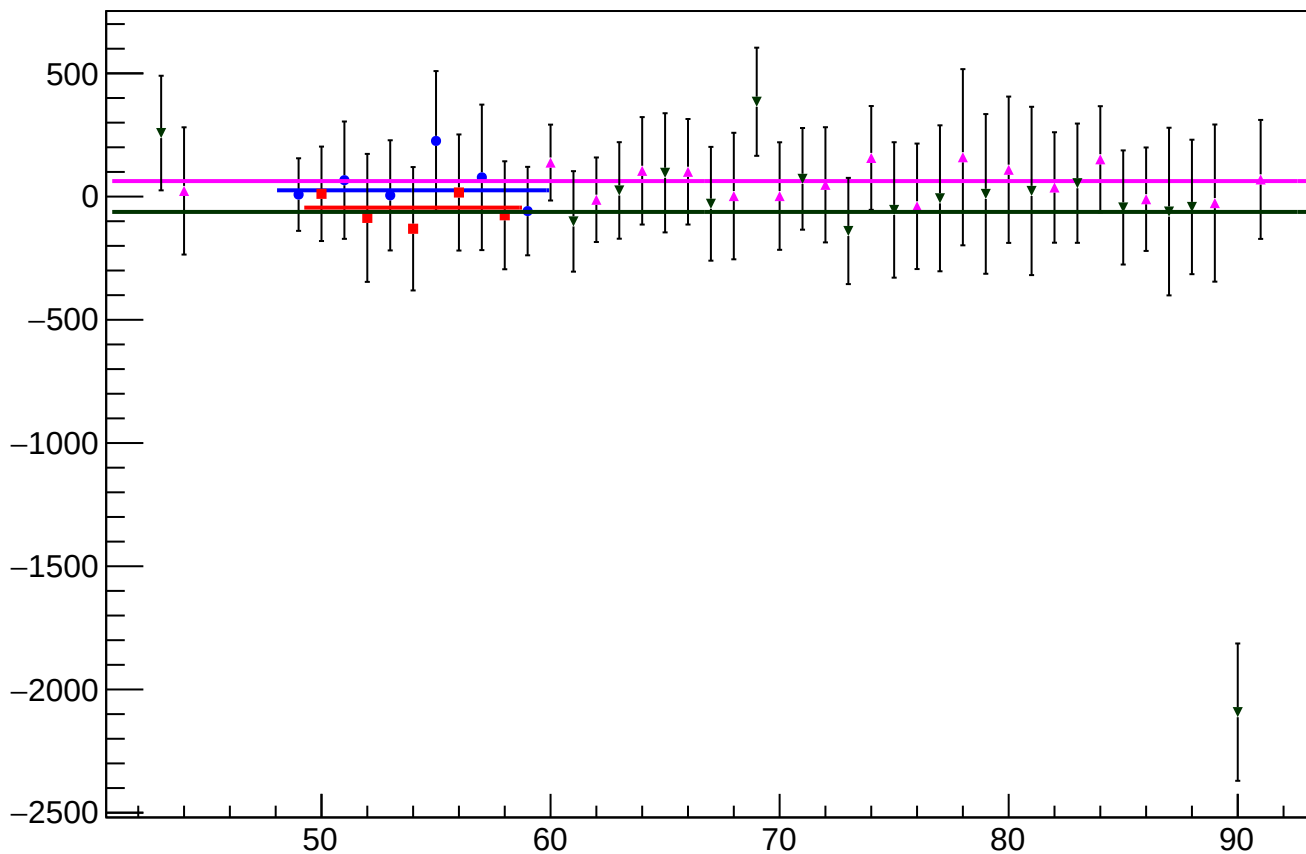
Left Out: 21.039+/-0.005 χ^2/NDF : 218349.9/16

20.673+/-0.003 χ^2/NDF : 546495.9/44

Right Out: 19.811+/-0.009 χ^2/NDF : 949.5/4

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 $\pm$ 84.899 χ^2 /NDF: 0.8/5

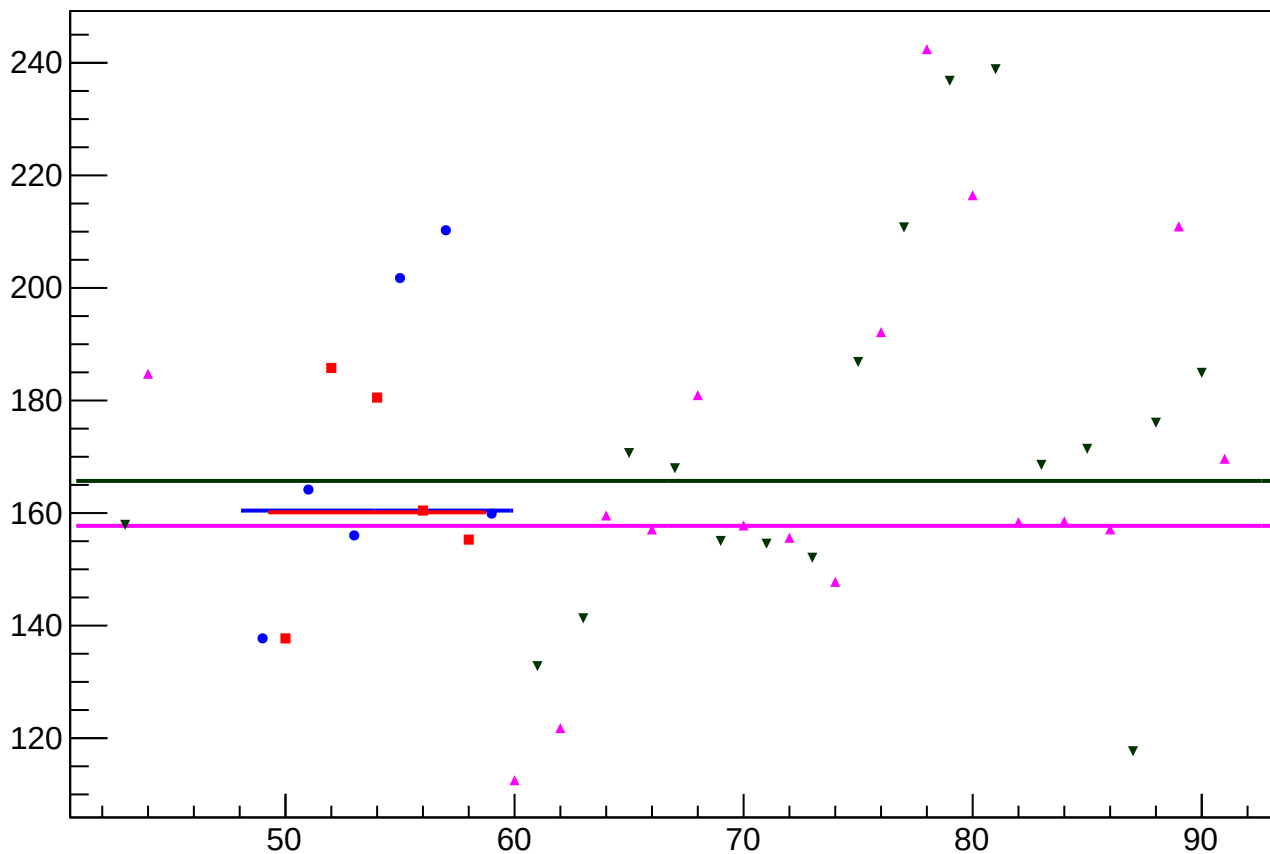
Left Out: -62.260 $\pm$ 59.367 χ^2 /NDF: 60.8/16

Right Out: -44.786 $\pm$ 101.598 χ^2 /NDF: 0.3/4

Left In: 62.886 $\pm$ 54.488 χ^2 /NDF: 1.5/16

3.162 $\pm$ 34.176 χ^2 /NDF: 66.1/44

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 160.438+/-0.060 χ^2/NDF : 148313.6/5

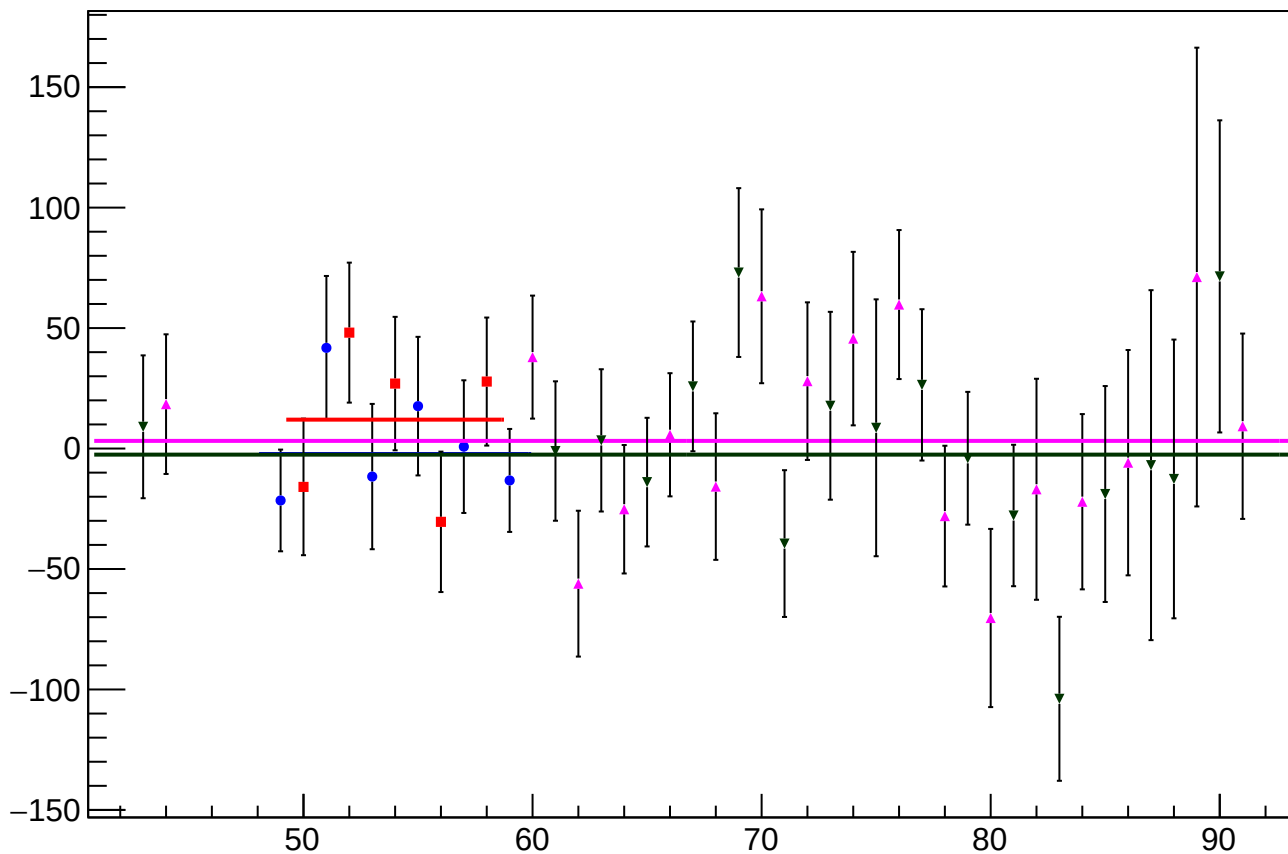
Left Out: 165.712+/-0.042 χ^2/NDF : 405031.1/16

Right Out: 160.132+/-0.072 χ^2/NDF : 61111.2/4

Left In: 157.725+/-0.039 χ^2/NDF : 591049.7/16

161.084+/-0.024 χ^2/NDF : 1225552.0/44

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -2.275 ± 10.434 χ^2/NDF : 3.9/5

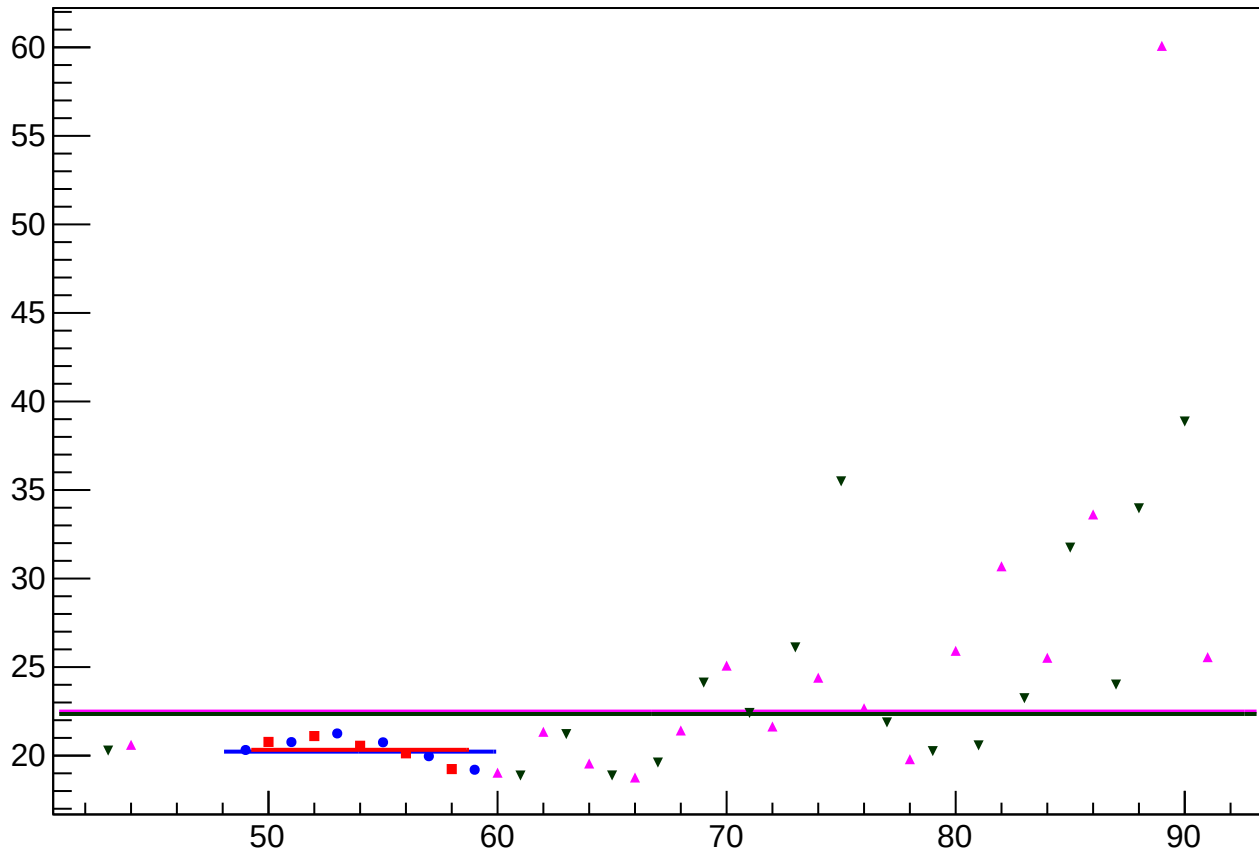
Left Out: -2.527 ± 8.236 χ^2/NDF : 19.9/16

Right Out: 11.994 ± 12.572 χ^2/NDF : 5.3/4

Left In: 3.175 ± 7.973 χ^2/NDF : 21.9/16

1.472 ± 4.663 χ^2/NDF : 52.0/44

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.225+/-0.007 χ^2/NDF : 8442.6/5

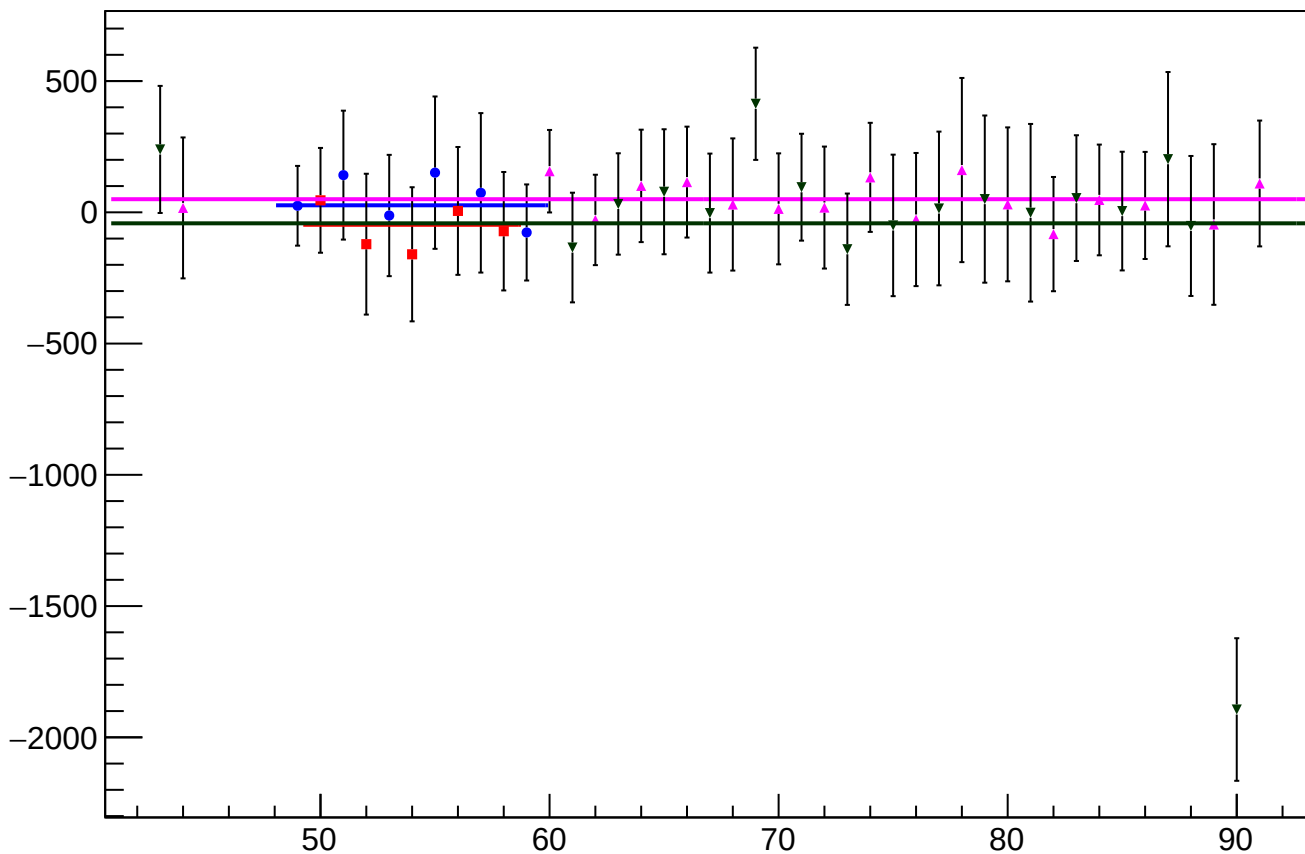
Left Out: 22.352+/-0.006 χ^2/NDF : 561643.0/16

Right Out: 20.328+/-0.009 χ^2/NDF : 5505.6/4

Left In: 22.488+/-0.006 χ^2/NDF : 684335.3/16

21.695+/-0.003 χ^2/NDF : 1355747.1/44

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 26.754+/-87.294 χ^2/NDF : 0.8/5

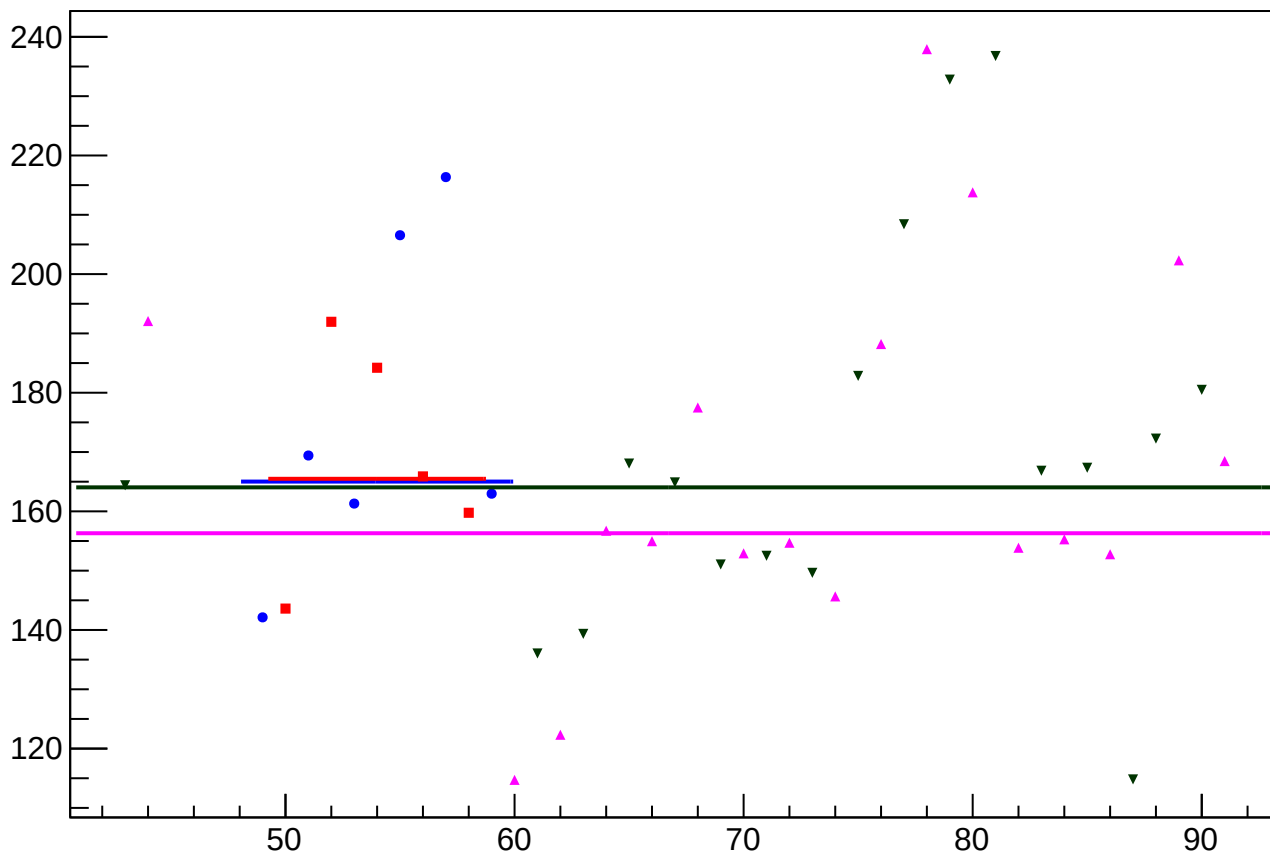
Left Out: -41.911+/-58.734 χ^2/NDF : 54.6/16

Right Out: -47.504+/-104.933 χ^2/NDF : 0.5/4

Left In: 49.976+/-53.980 χ^2/NDF : 1.8/16

4.909+/-34.197 χ^2/NDF : 59.4/44

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.020 $\pm$ 0.062 χ^2 /NDF: 144949.0/5

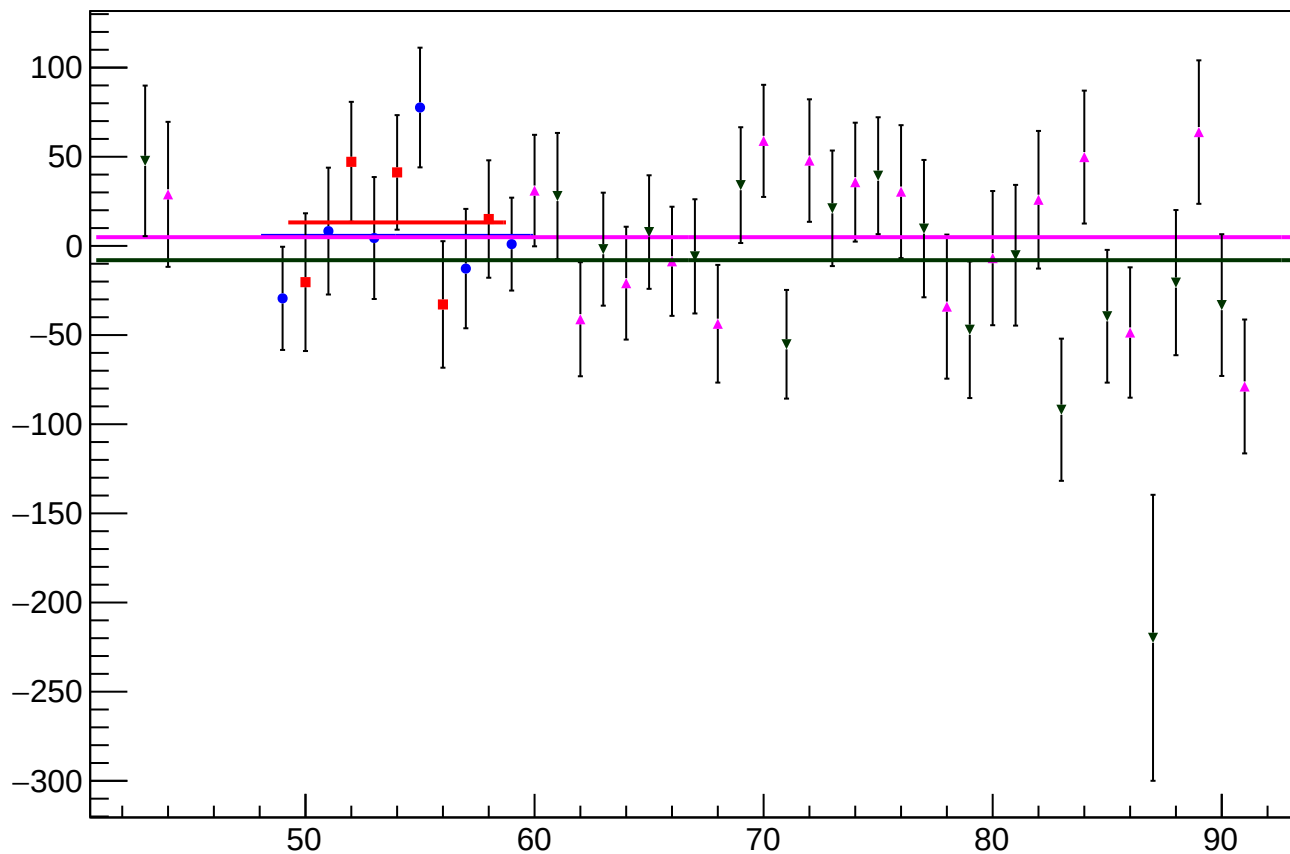
Left Out: 164.045 $\pm$ 0.042 χ^2 /NDF: 387498.5/16

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

161.243 $\pm$ 0.024 χ^2 /NDF: 1157872.3/44

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: 5.621+/-12.810 χ^2/NDF : 6.4/5

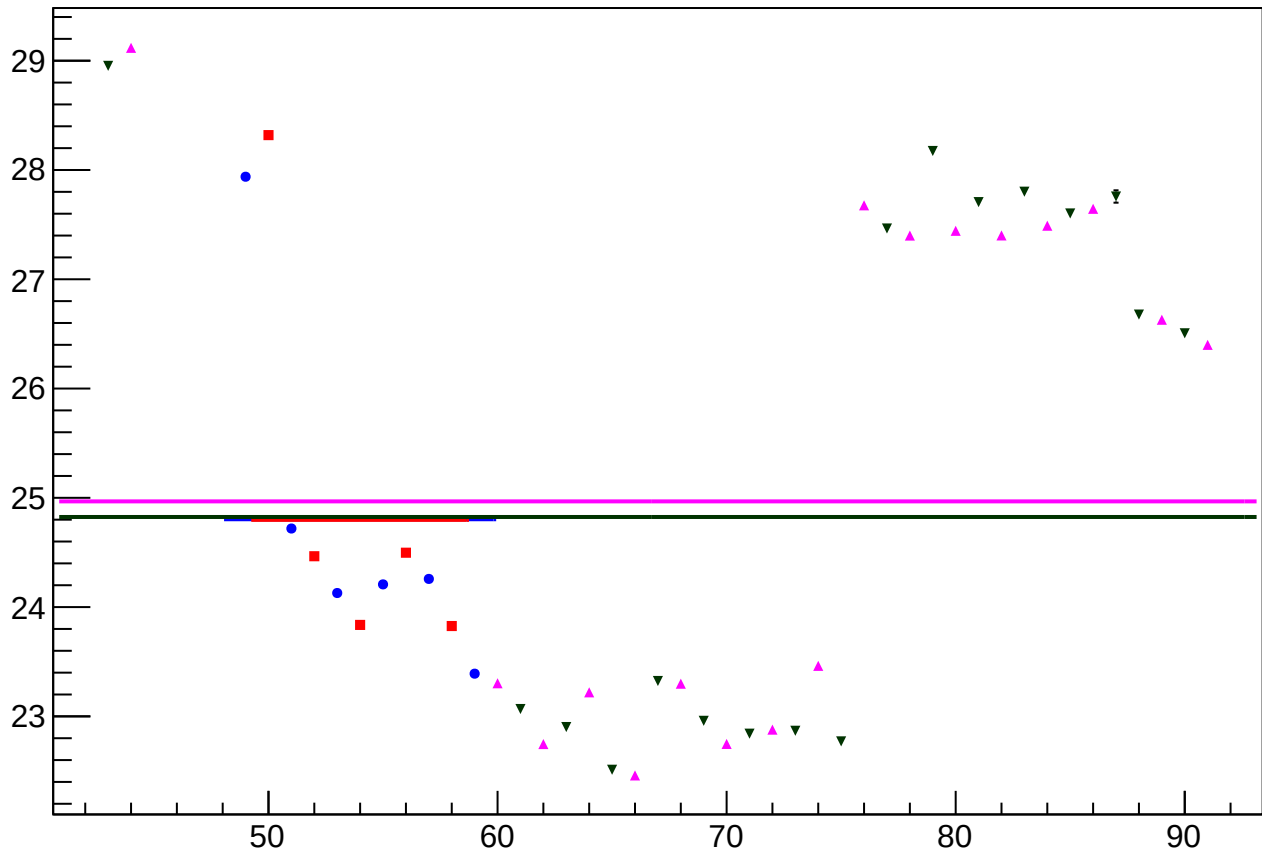
Left Out: -8.008+/-8.782 χ^2/NDF : 23.9/16

Right Out: 13.168+/-15.357 χ^2/NDF : 4.2/4

Left In: 4.894+/-8.496 χ^2/NDF : 24.0/16

1.454+/-5.188 χ^2/NDF : 60.6/44

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 24.804+/-0.009 χ^2 /NDF: 31310.4/5

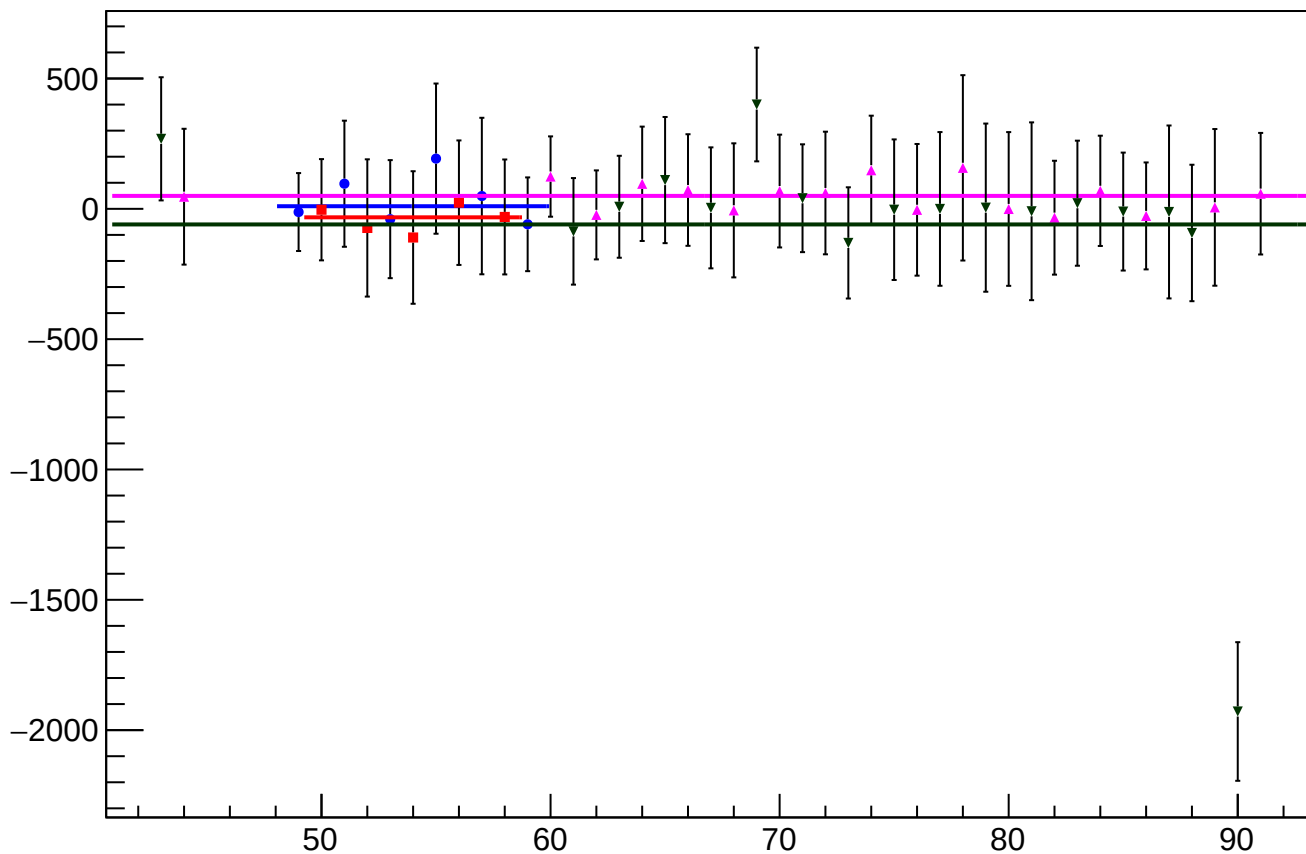
Left Out: 24.825+/-0.006 χ^2 /NDF:144612.2/16

Right Out: 24.798+/-0.011 χ^2 /NDF: 20493.0/4

Left In: 24.967+/-0.006 χ^2 /NDF:142880.6/16

24.871+/-0.004 χ^2 /NDF: 339709.2/44

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 10.031+/-85.939 χ^2/NDF : 0.8/5

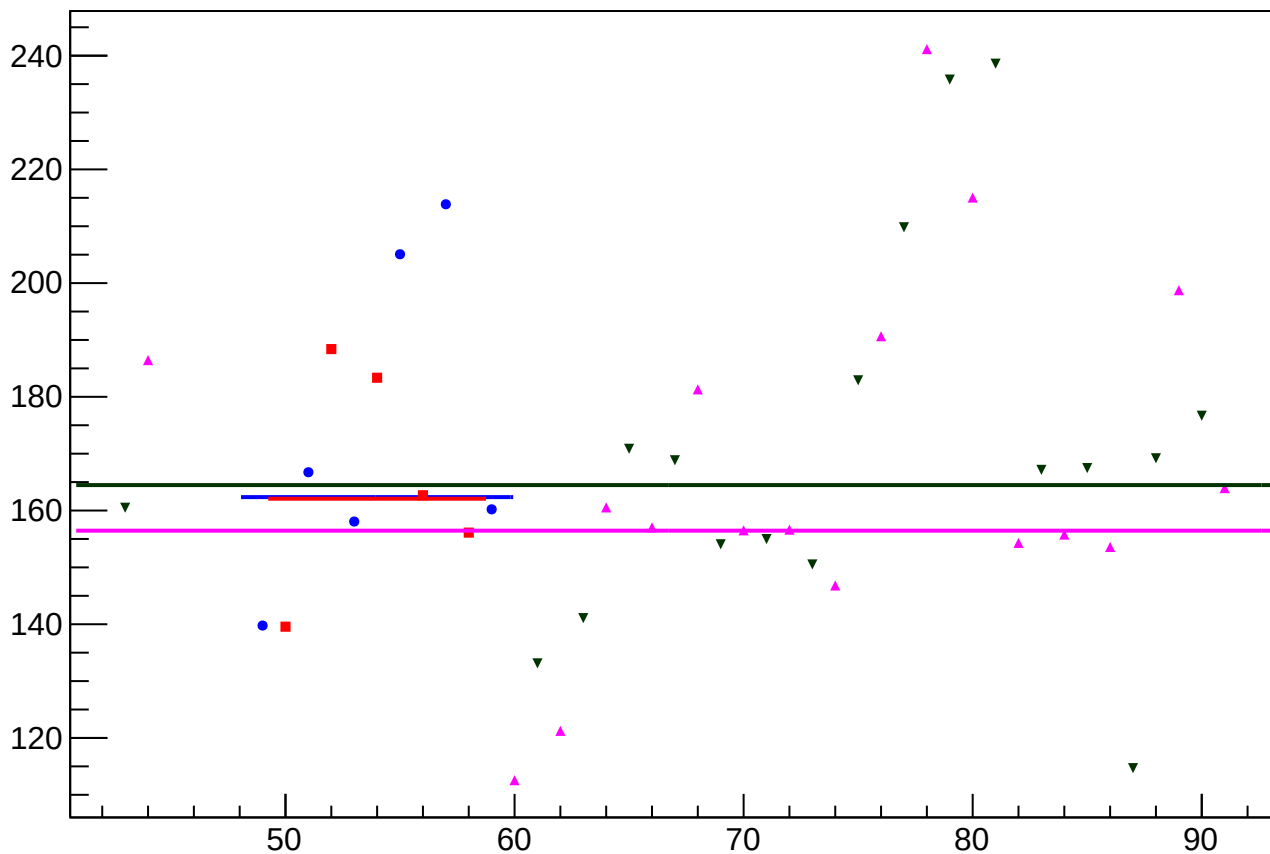
Left Out: -59.845+/-58.907 χ^2/NDF : 57.2/16

Right Out: -32.562+/-102.867 χ^2/NDF : 0.2/4

Left In: 49.668+/-54.015 χ^2/NDF : 1.2/16

-2.256+/-34.083 χ^2/NDF : 61.3/44

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 162.360 ± 0.061 χ^2/NDF : 150159.7/5

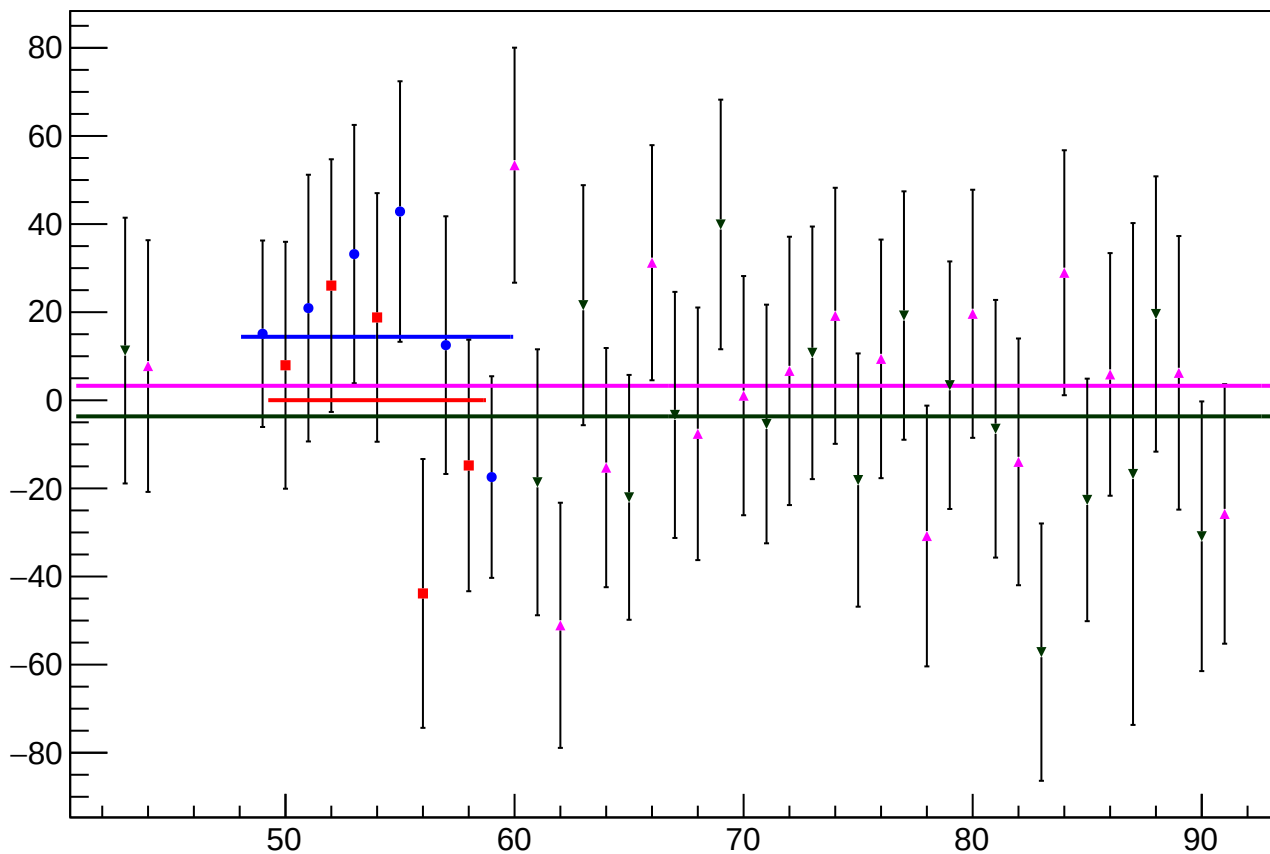
Left Out: 164.477 ± 0.042 χ^2/NDF : 395056.7/16

Right Out: 162.078 ± 0.073 χ^2/NDF : 62318.9/4

Left In: 156.458 ± 0.038 χ^2/NDF : 568813.2/16

160.688 ± 0.024 χ^2/NDF : 1198013.2/44

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.414+/-10.715 χ^2/NDF : 3.3/5

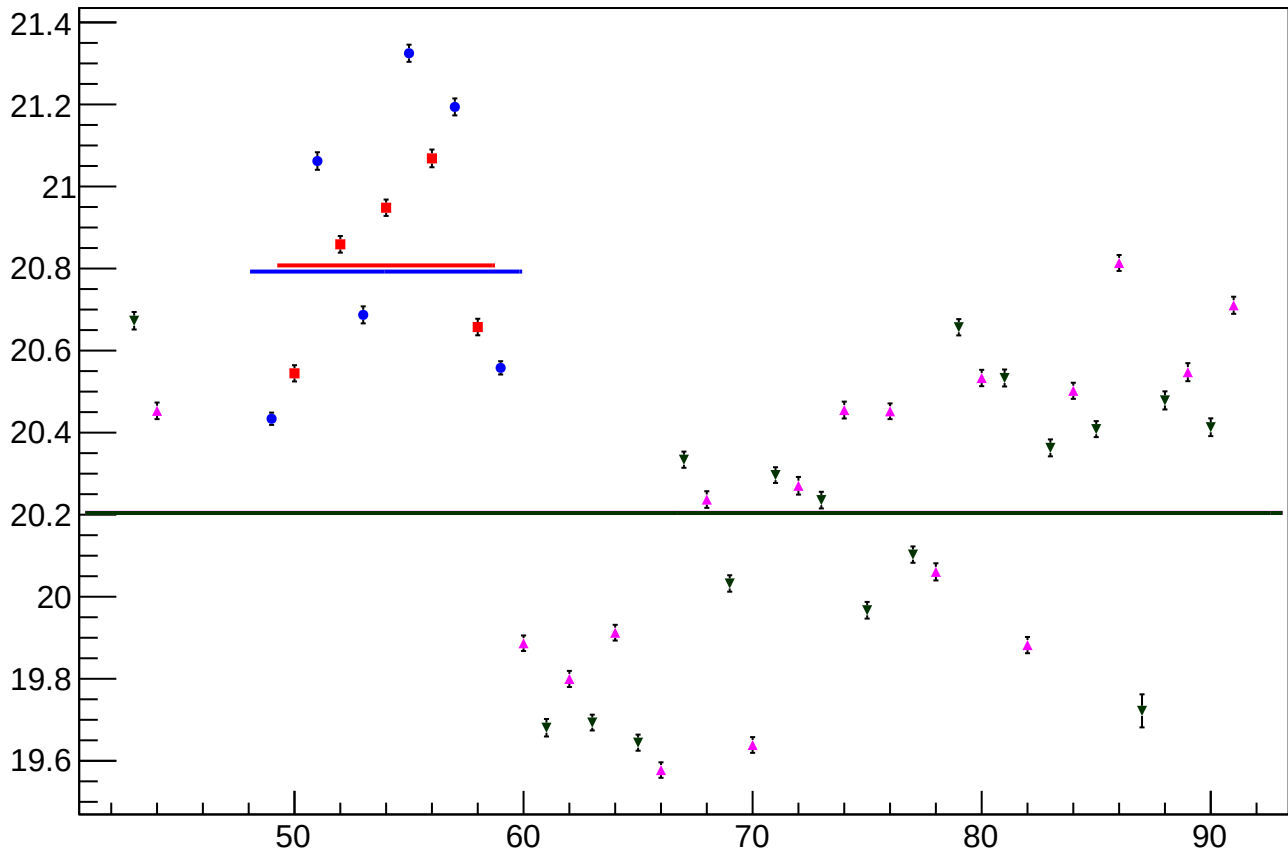
Left Out: -3.648+/-7.117 χ^2/NDF : 10.6/16

Right Out: 0.026+/-12.860 χ^2/NDF : 3.7/4

Left In: 3.291+/-6.842 χ^2/NDF : 13.3/16

2.219+/-4.231 χ^2/NDF : 33.0/44

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.793+/-0.008 χ^2/NDF : 1994.1/5

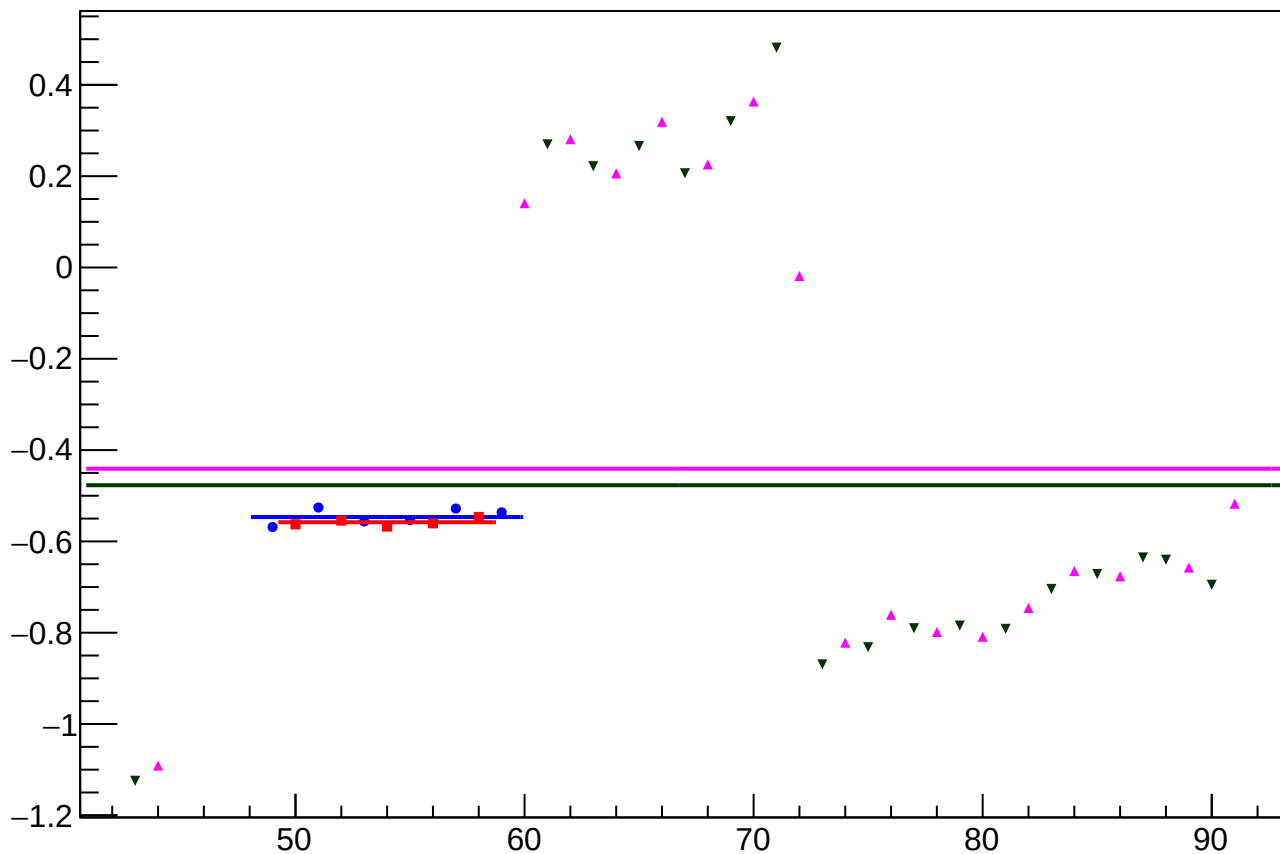
Left Out: 20.204+/-0.005 χ^2/NDF : 4236.5/16

Right Out: 20.808+/-0.009 χ^2/NDF : 433.9/4

Left In: 20.205+/-0.005 χ^2/NDF : 6017.7/16

20.361+/-0.003 χ^2/NDF : 20357.4/44

yield_bpm0l01X_mean vs slug



Right In: -0.547+/-0.000 χ^2/NDF : 8594428.6/5

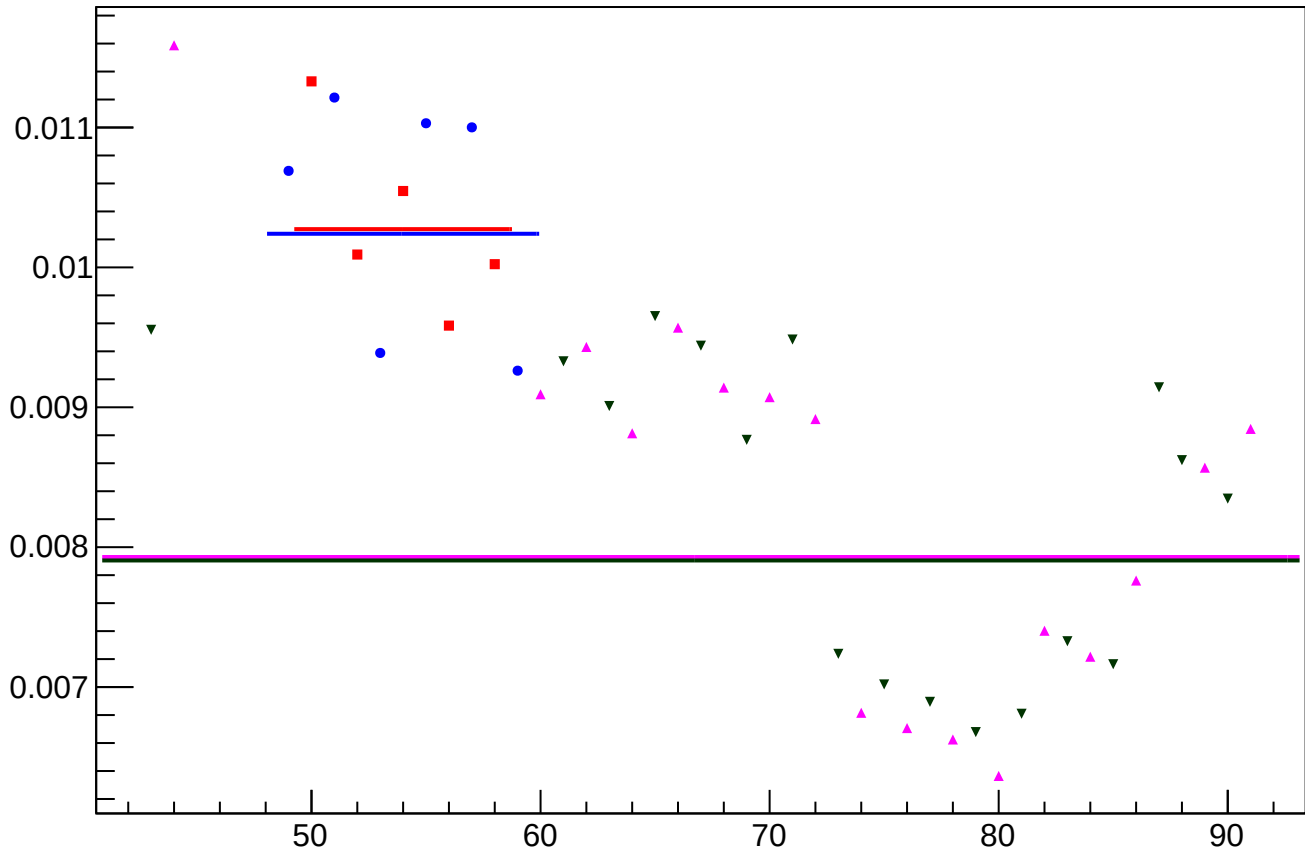
Left Out: -0.477+/-0.000 χ^2/NDF : 30567480948.6/16

Right Out: -0.558+/-0.000 χ^2/NDF : 1290719.8/4

Left In: -0.441+/-0.000 χ^2/NDF : 28665757988.7/16

-0.476+/-0.000 χ^2/NDF : 59744956626.6/44

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 46181.6/5

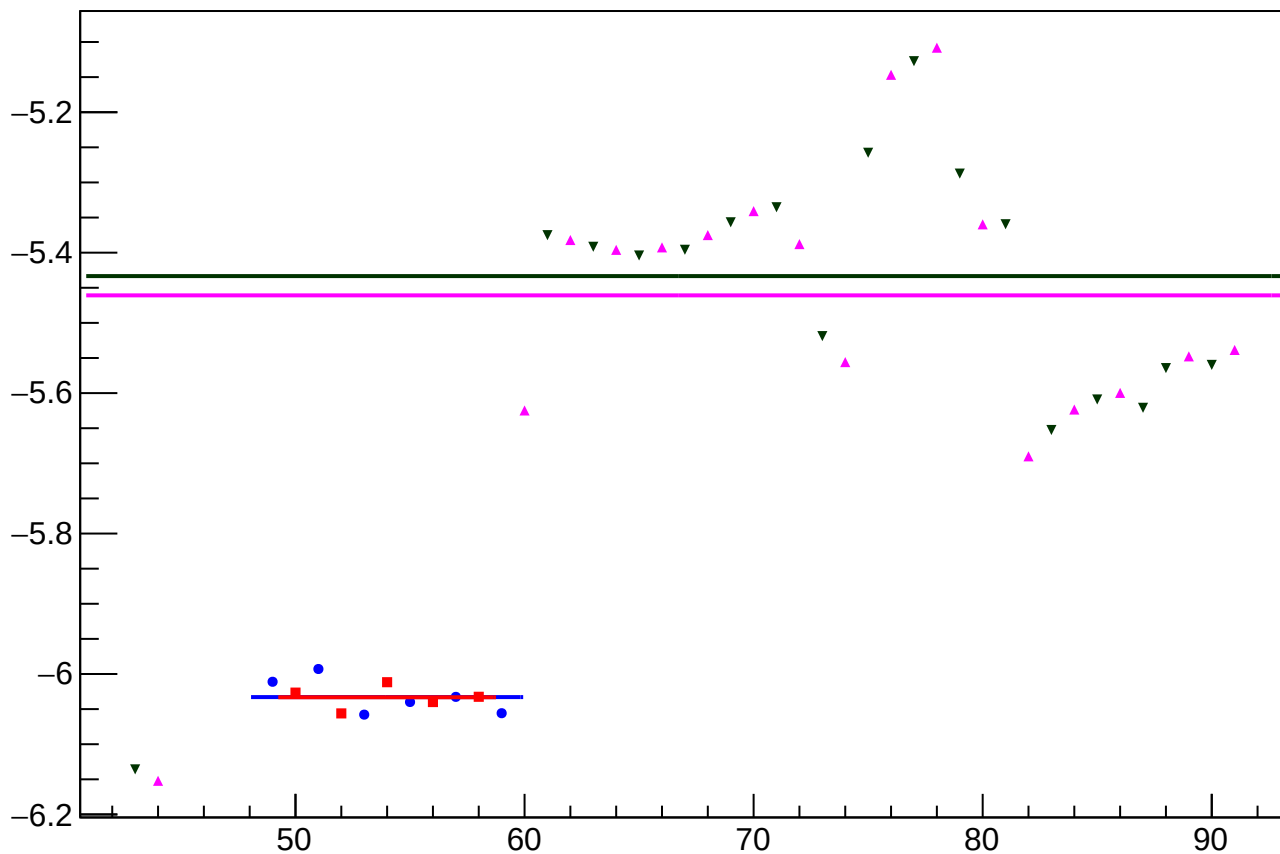
Left Out: 0.008+/-0.000 χ^2/NDF : 299172.5/16

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 : 1309271.7/44

yield_bpm0l01Y_mean vs slug



Right In: -6.033+/-0.000 χ^2/NDF : 2011639.5/5

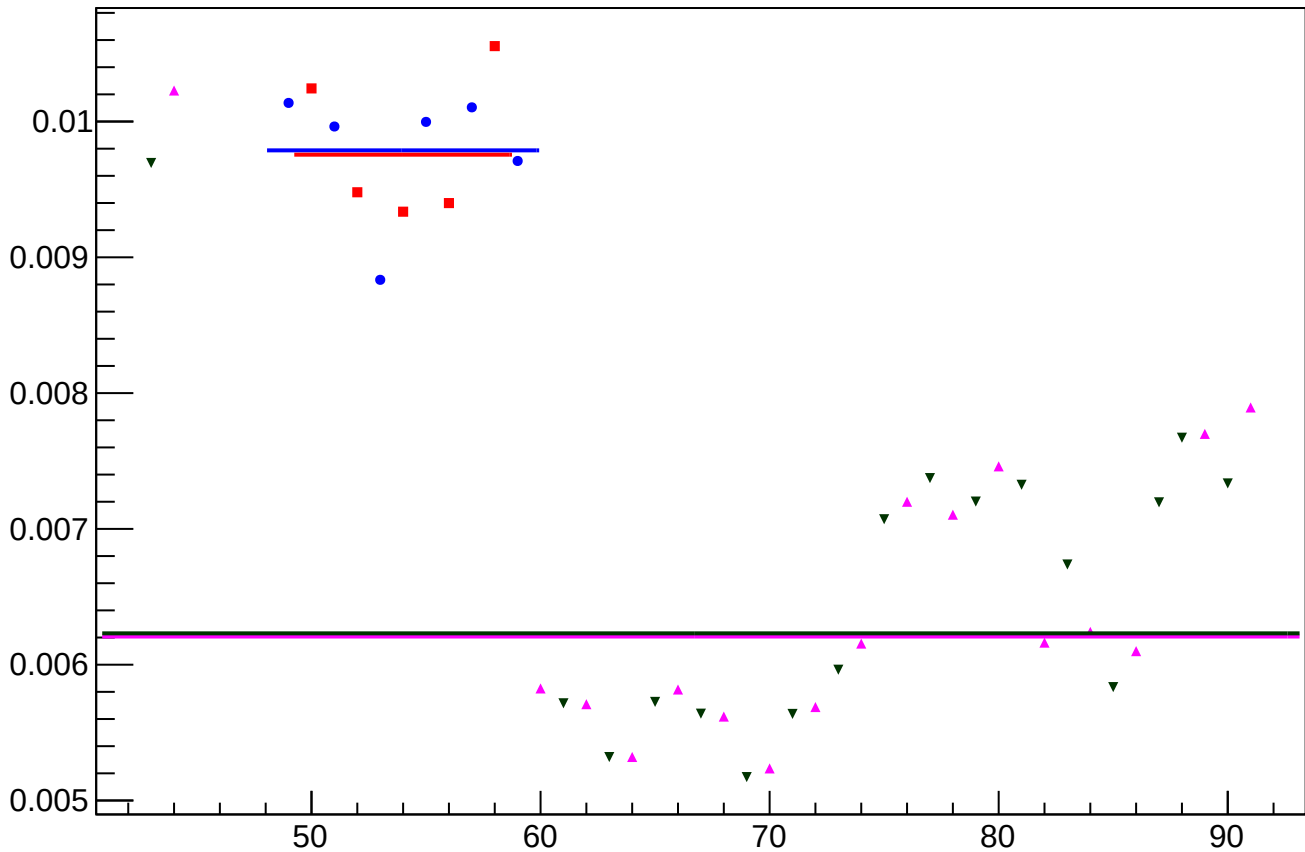
Left Out: -5.433+/-0.000 χ^2/NDF : 5577733413.9/16

Right Out: -6.033+/-0.000 χ^2/NDF : 6219759.8/4

Left In: -5.461+/-0.000 χ^2/NDF : 7188453534.7/16

-5.527+/-0.000 χ^2/NDF : 31882040764.2/44

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 15165.3/5

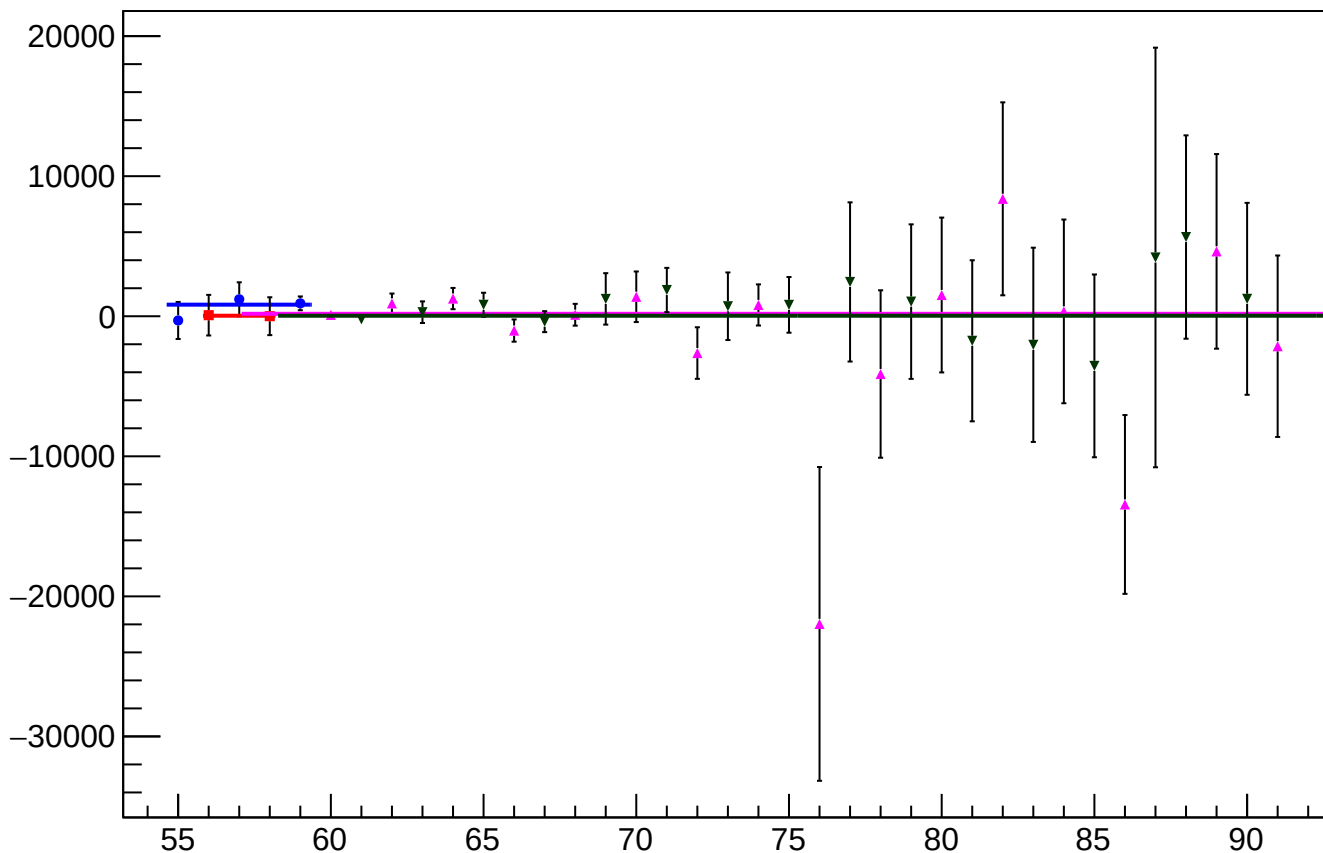
Left Out: 0.006+/-0.000 χ^2/NDF : 366993.6/16

Right Out: 0.010+/-0.000 χ^2/NDF : 12330.7/4

Left In: 0.006+/-0.000 χ^2/NDF : 393745.0/16

0.007+/-0.000 χ^2/NDF : 2191874.0/44

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364 $\pm$ 432.037 χ^2 /NDF: 0.9/2

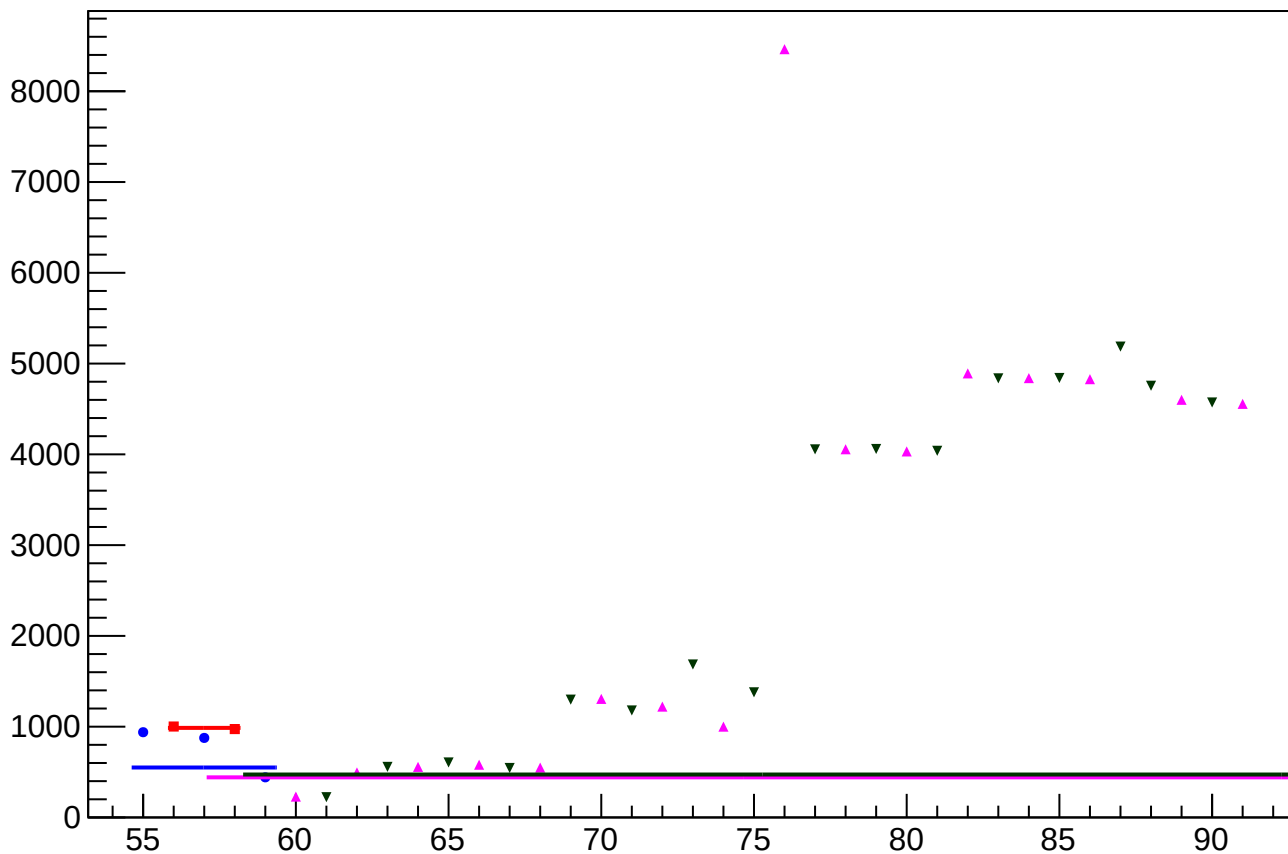
Left Out: 36.466 $\pm$ 261.070 χ^2 /NDF: 5.2/15

Right Out: 37.000 $\pm$ 989.017 χ^2 /NDF: 0.0/1

Left In: 174.055 $\pm$ 230.845 χ^2 /NDF: 19.5/15

207.606 $\pm$ 158.477 χ^2 /NDF: 28.1/36

reg_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.262+/-0.305 χ^2/NDF : 413673.8/2

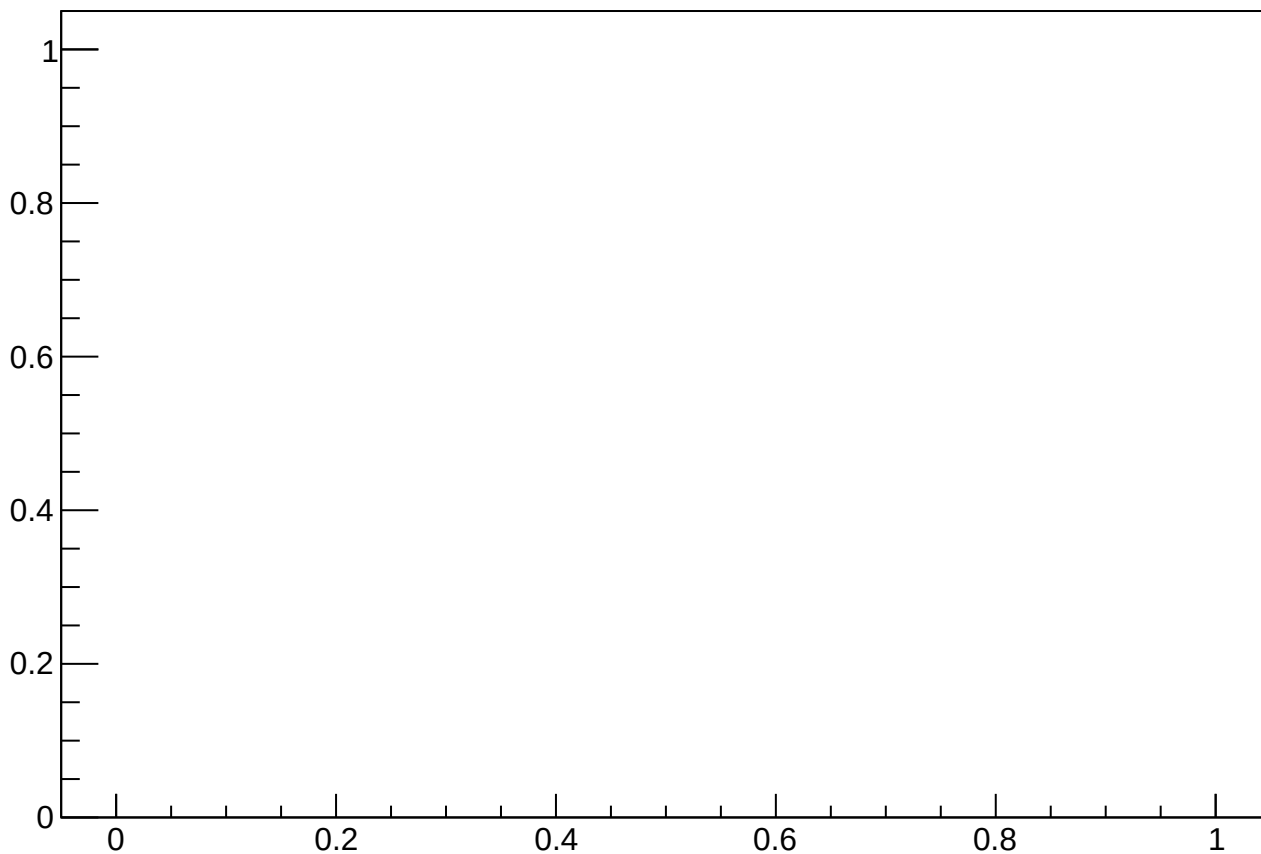
Left Out: 472.968+/-0.185 χ^2/NDF : 8585802.3/15

481.868+/-0.112 χ^2/NDF : 18647752.0/36

Right Out: 986.719+/-0.699 χ^2/NDF : 398.8/1

Left In: 441.796+/-0.163 χ^2/NDF : 9014029.9/15

asym_atl_dd_atr_dd_avg_correction_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs slug



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

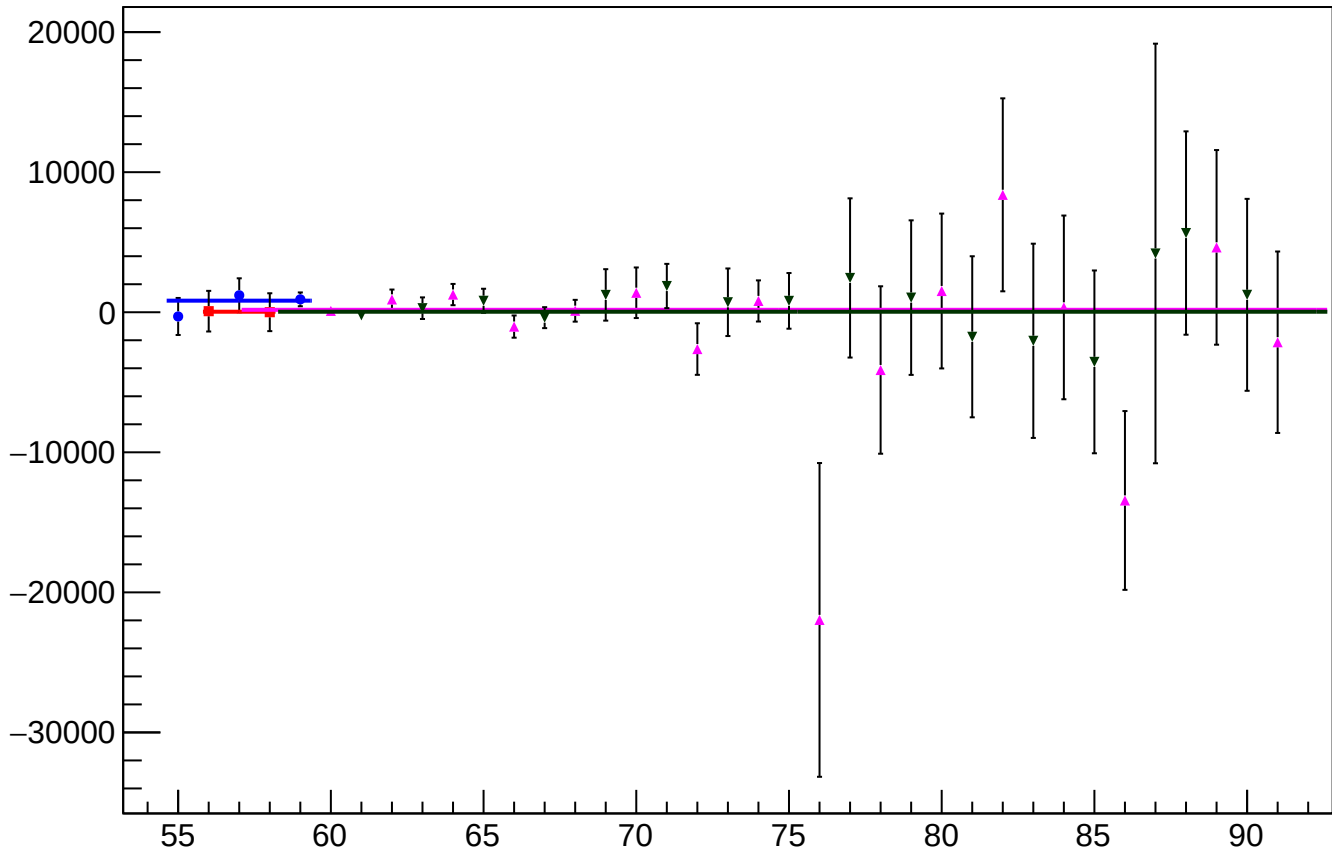
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 826.364 $\pm$ 432.037 χ^2 /NDF: 0.9/2

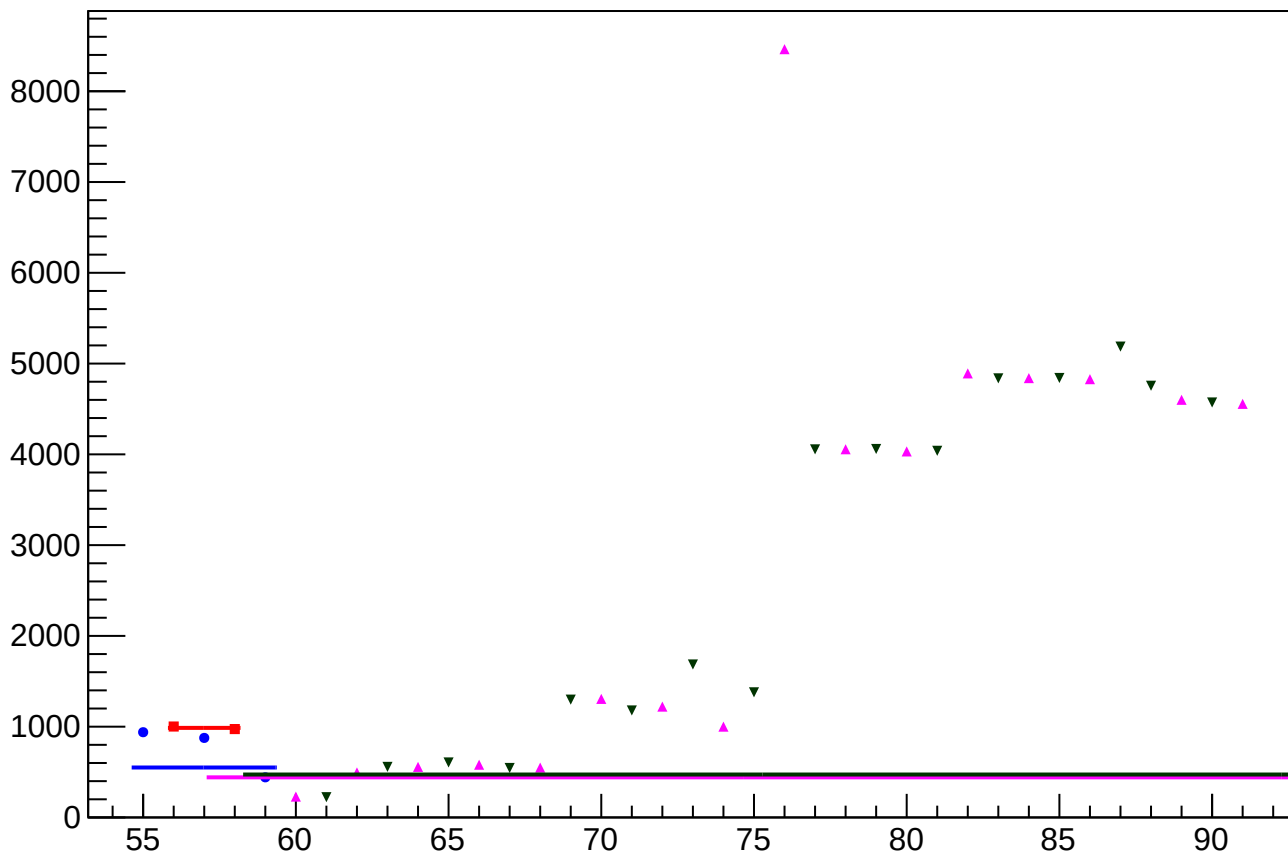
Left Out: 36.466 $\pm$ 261.070 χ^2 /NDF: 5.2/15

Right Out: 37.000 $\pm$ 989.017 χ^2 /NDF: 0.0/1

Left In: 174.055 $\pm$ 230.845 χ^2 /NDF: 19.5/15

207.606 $\pm$ 158.477 χ^2 /NDF: 28.1/36

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.262+/-0.305 χ^2/NDF : 413673.8/2

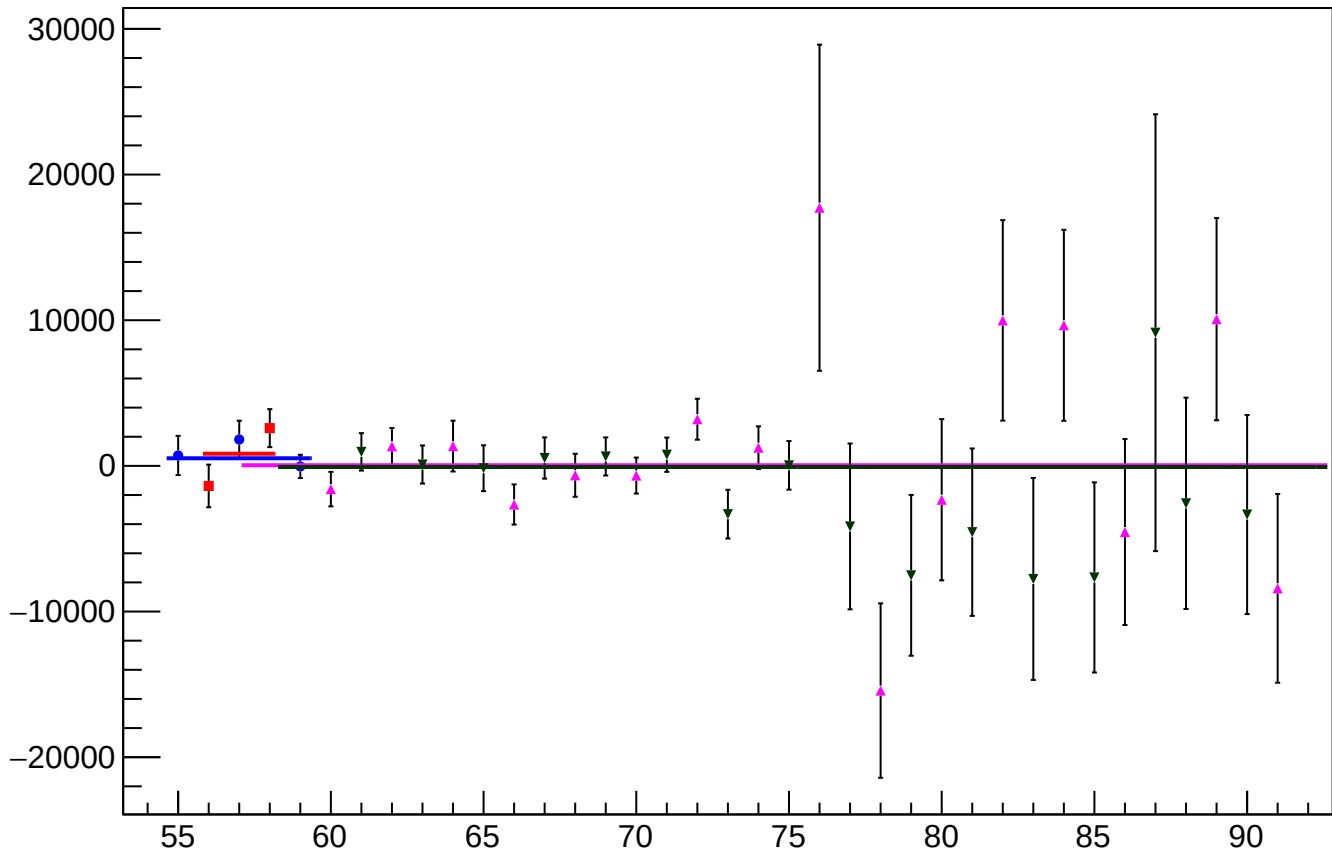
Left Out: 472.968+/-0.185 χ^2/NDF : 8585802.3/15

481.868+/-0.112 χ^2/NDF : 18647752.0/36

Right Out: 986.719+/-0.699 χ^2/NDF : 398.8/1

Left In: 441.796+/-0.163 χ^2/NDF : 9014029.9/15

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 522.107 $\pm$ 605.876 χ^2 /NDF: 1.5/2

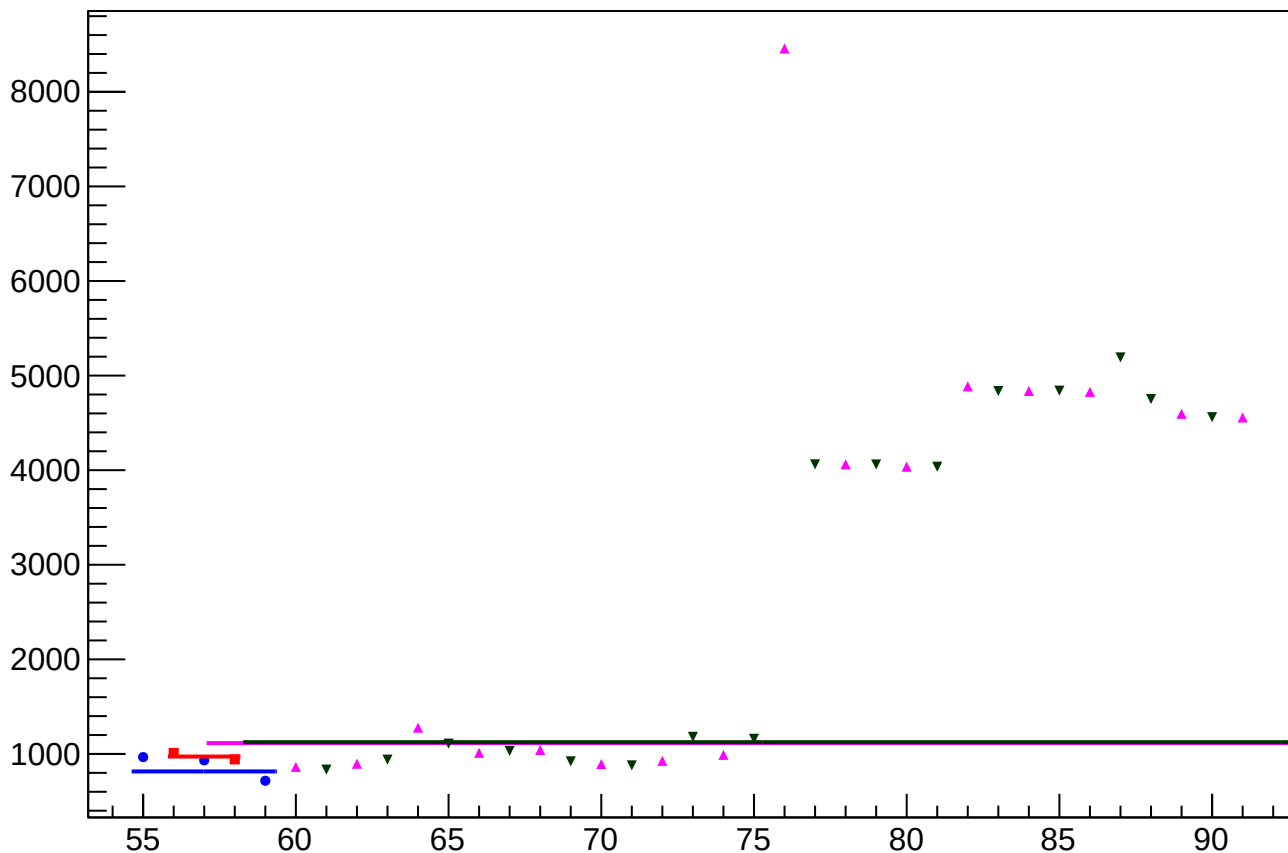
Left Out: -76.713 $\pm$ 482.233 χ^2 /NDF: 11.7/15

Right Out: 834.380 $\pm$ 973.303 χ^2 /NDF: 4.1/1

Left In: 44.156 $\pm$ 473.140 χ^2 /NDF: 31.5/15

172.986 $\pm$ 282.313 χ^2 /NDF: 50.0/36

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

1041.106+/-0.200 χ^2/NDF : 9939438.5/36

Right Out: 972.523+/-0.688 χ^2/NDF : 2404.8/1

Left In: 1114.743+/-0.335 χ^2/NDF : 5191942.9/15

asym_atl_dd_atr_dd_dd_correction_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs slug



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

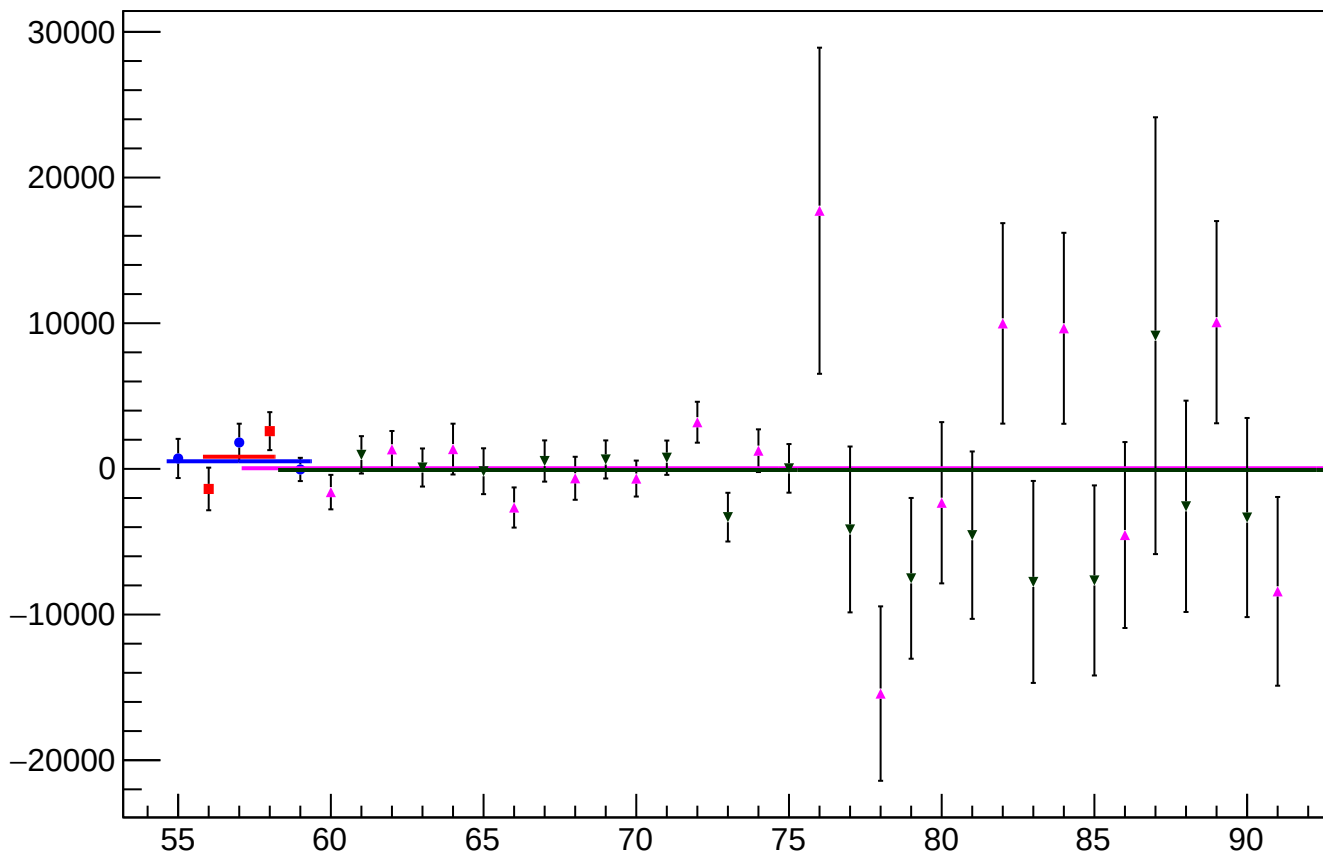
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 522.107 $\pm$ 605.876 χ^2 /NDF: 1.5/2

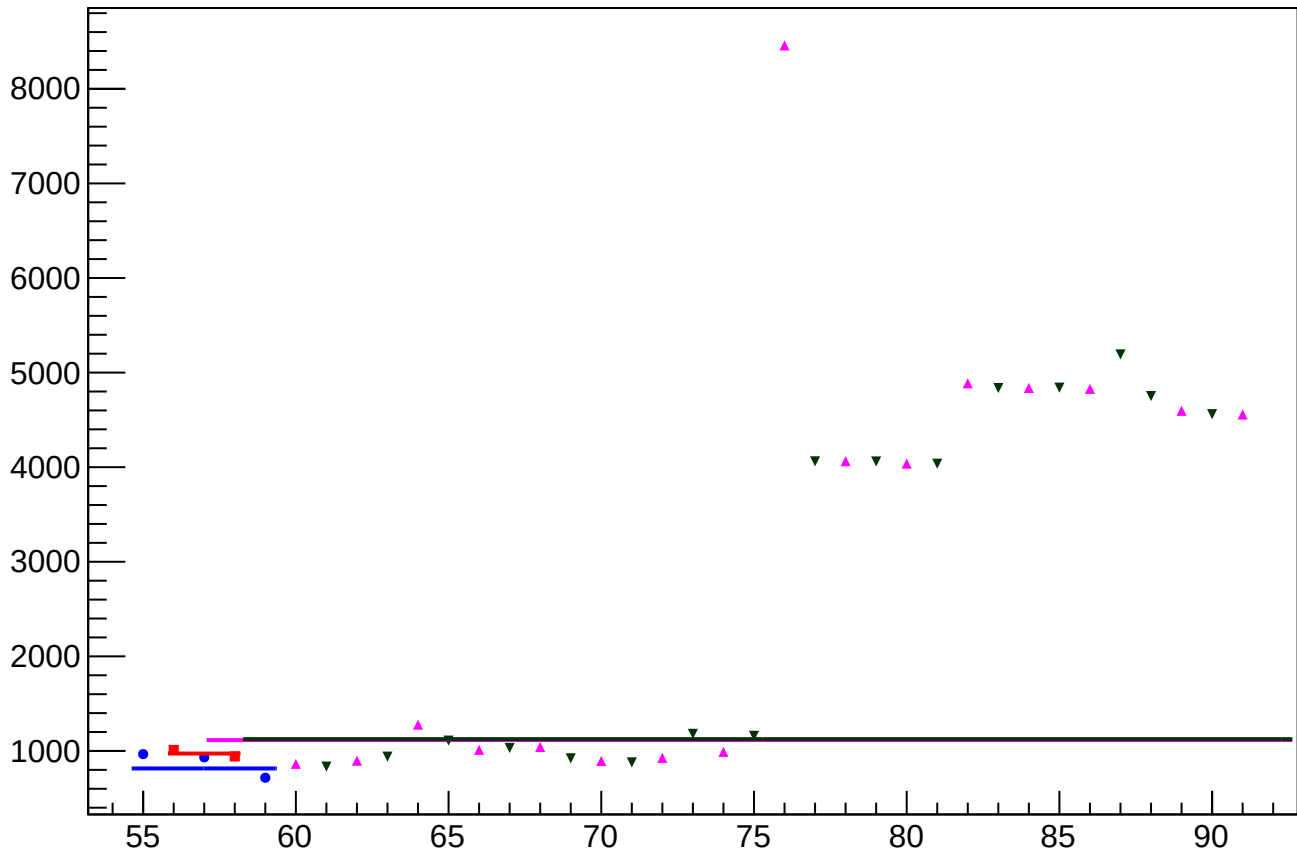
Left Out: -76.713 $\pm$ 482.233 χ^2 /NDF:11.7/15

Right Out: 834.380 $\pm$ 973.303 χ^2 /NDF: 4.1/1

Left In: 44.156 $\pm$ 473.140 χ^2 /NDF:31.5/15

172.986 $\pm$ 282.313 χ^2 /NDF: 50.0/36

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.008+/-0.428 χ^2/NDF : 72355.1/2

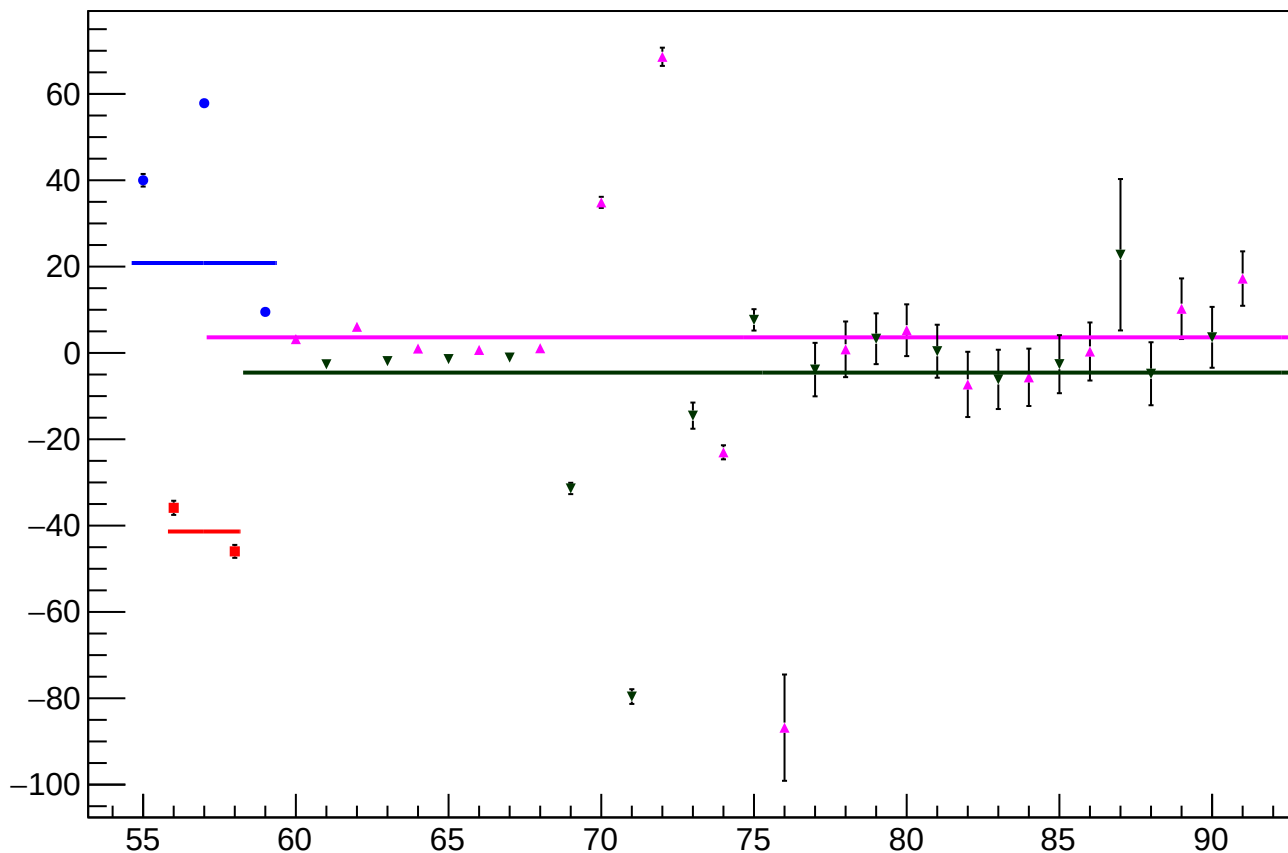
Left Out: 1124.679+/-0.341 χ^2/NDF : 4275771.9/15

1041.106+/-0.200 χ^2/NDF : 9939438.5/36

Right Out: 972.523+/-0.688 χ^2/NDF : 2404.8/1

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

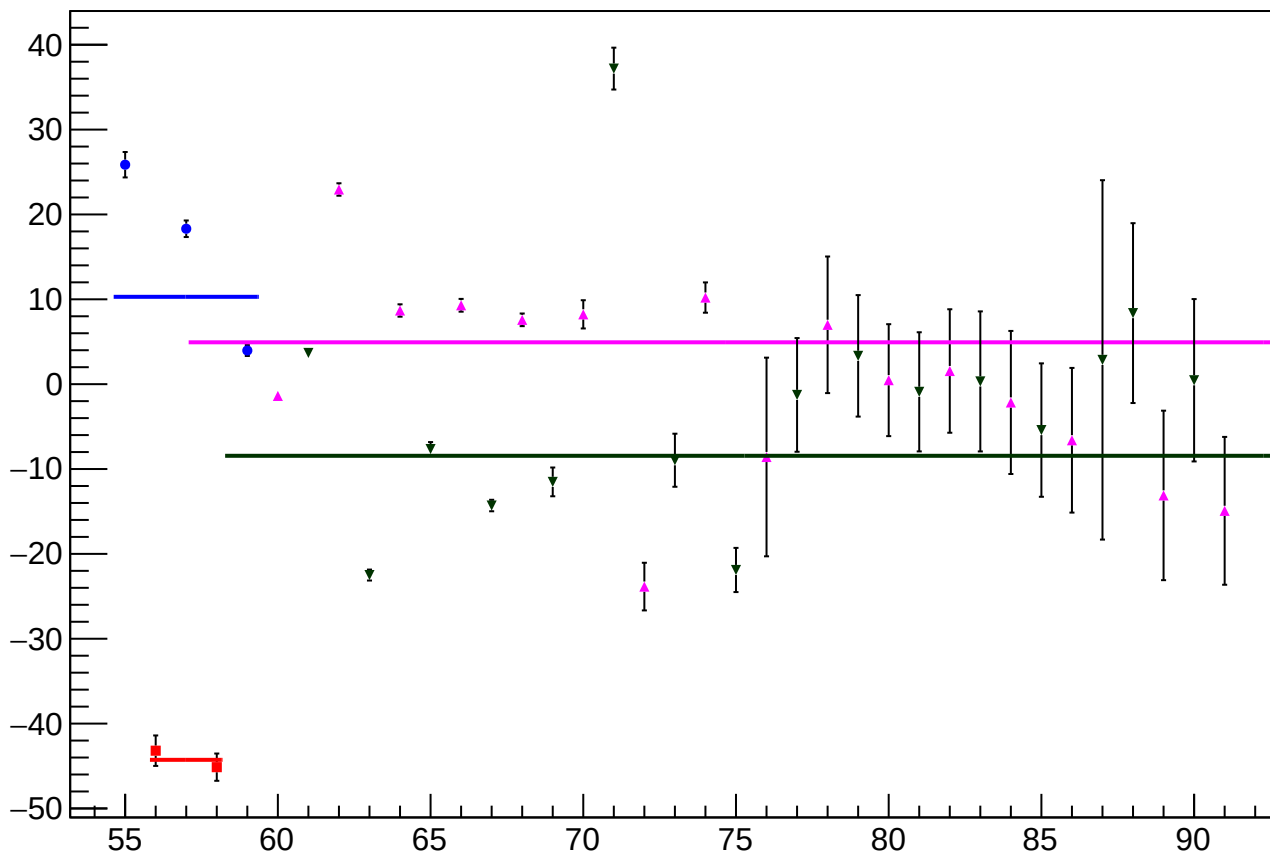
Left Out: -4.555+/-0.246 χ^2/NDF : 2504.5/15

Right Out: -41.366+/-1.106 χ^2/NDF : 20.6/1

Left In: 3.614+/-0.222 χ^2/NDF : 1954.3/15

1.334+/-0.154 χ^2/NDF : 9900.4/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



Right In: 10.294+/-0.505 χ^2 /NDF: 272.8/2

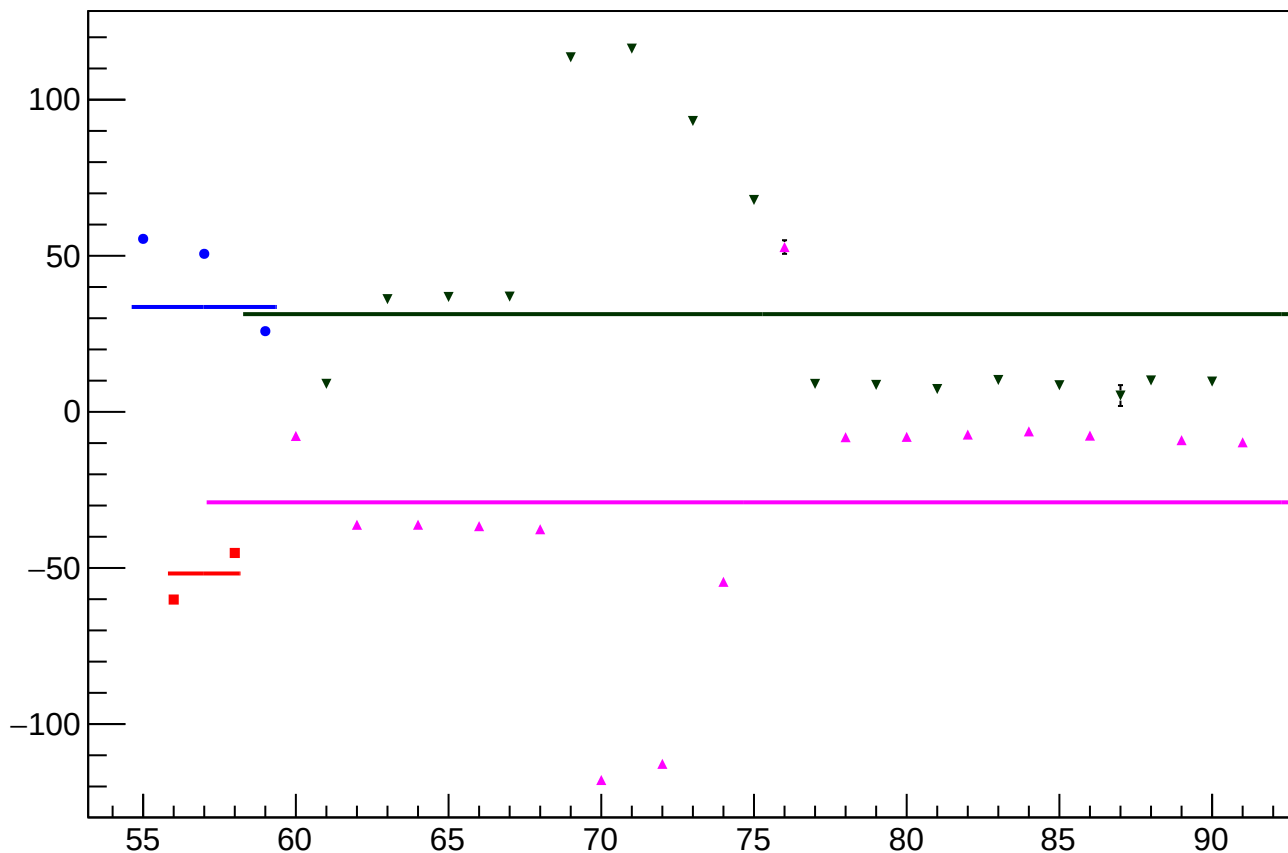
Left Out: -8.441+/-0.312 χ^2 /NDF:1417.1/15

Right Out: -44.271+/-1.197 χ^2 /NDF: 0.7/1

Left In: 4.932+/-0.247 χ^2 /NDF:1129.1/15

0.115+/-0.179 χ^2 /NDF: 5730.0/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 33.605+/-0.086 χ^2/NDF : 20246.8/2

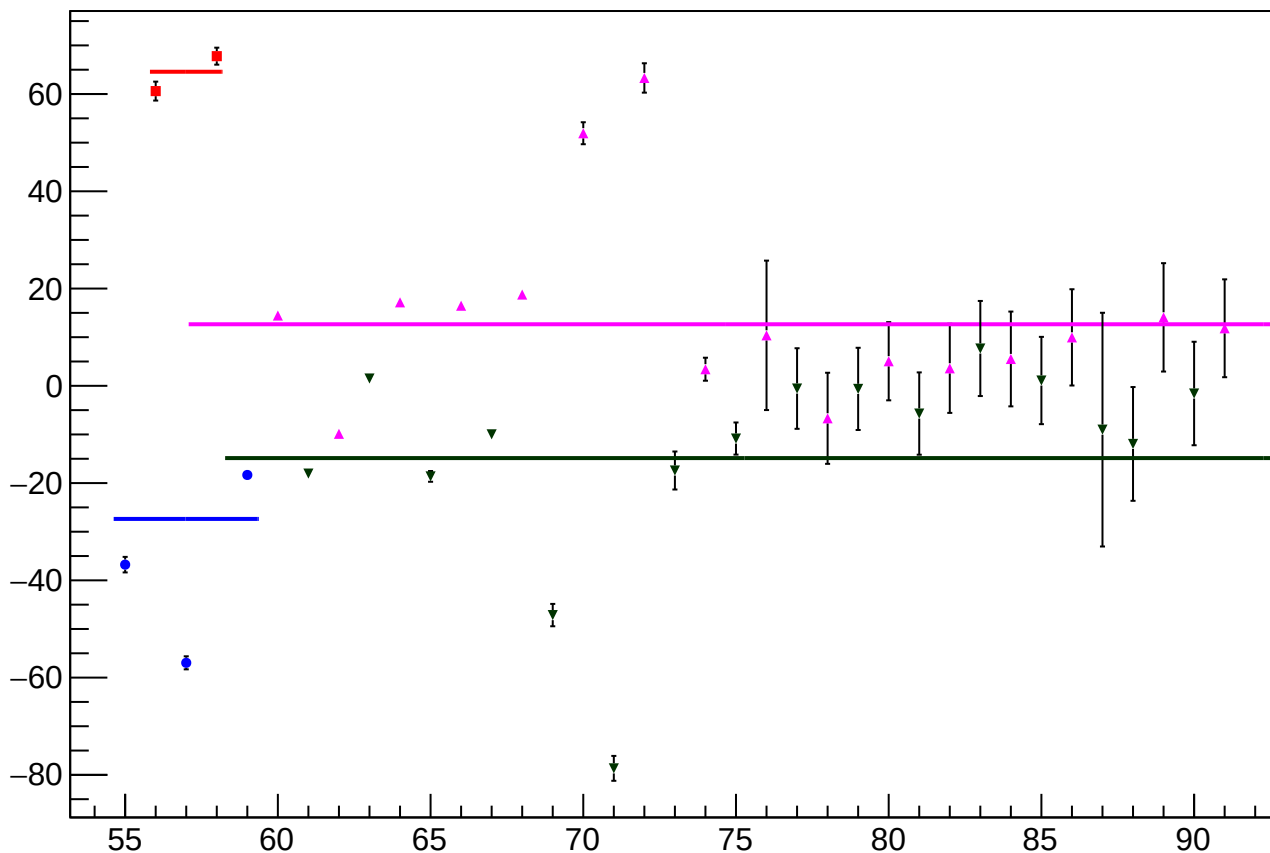
Left Out: 31.312+/-0.042 χ^2/NDF : 296408.1/15

Right Out: -51.766+/-0.190 χ^2/NDF : 1518.5/1

Left In: -28.974+/-0.037 χ^2/NDF : 309981.6/15

-0.557+/-0.026 χ^2/NDF : 2034077.0/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -27.369+/-0.562 χ^2/NDF : 702.2/2

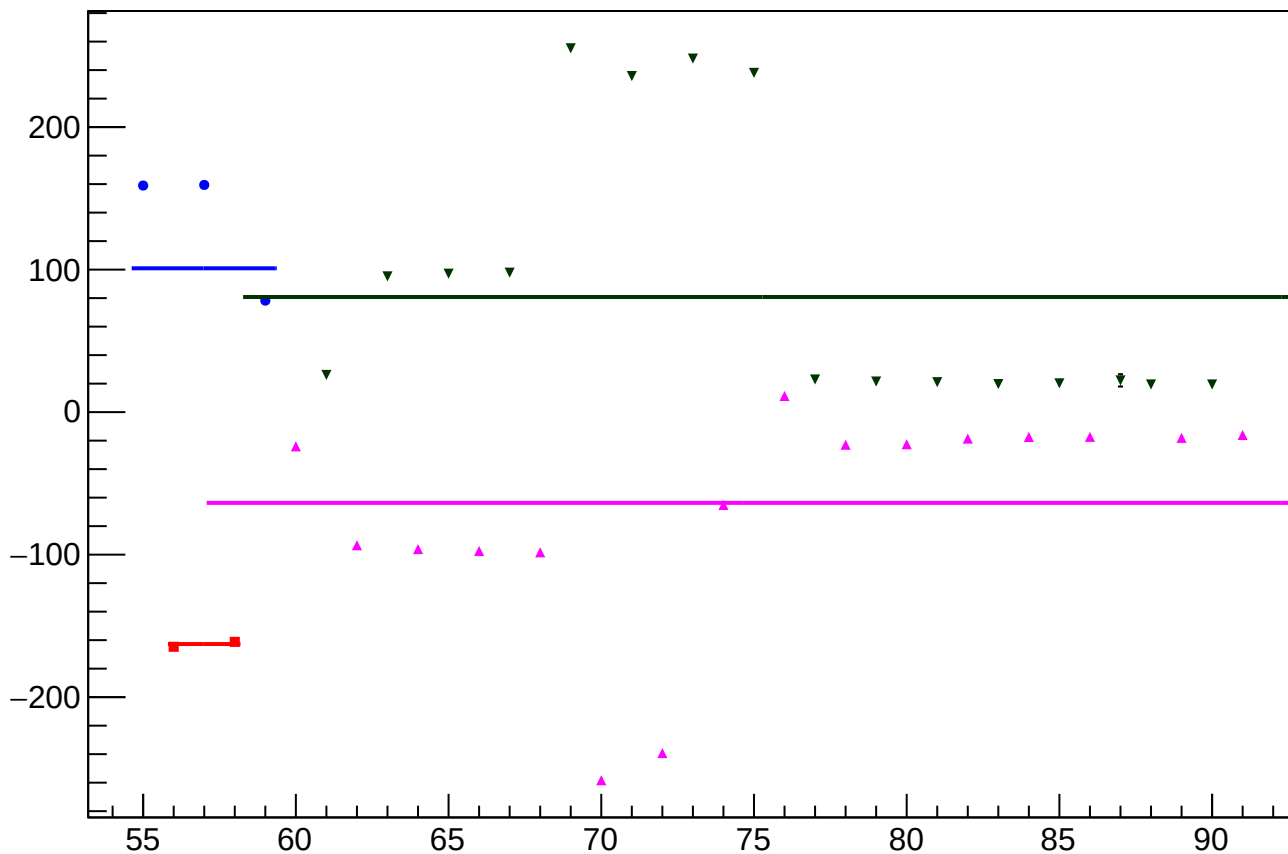
Left Out: -14.861+/-0.375 χ^2/NDF : 1267.7/15

Right Out: 64.582+/-1.300 χ^2/NDF : 7.5/1

Left In: 12.658+/-0.326 χ^2/NDF : 1443.0/15

-1.728+/-0.222 χ^2/NDF : 11281.5/36

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

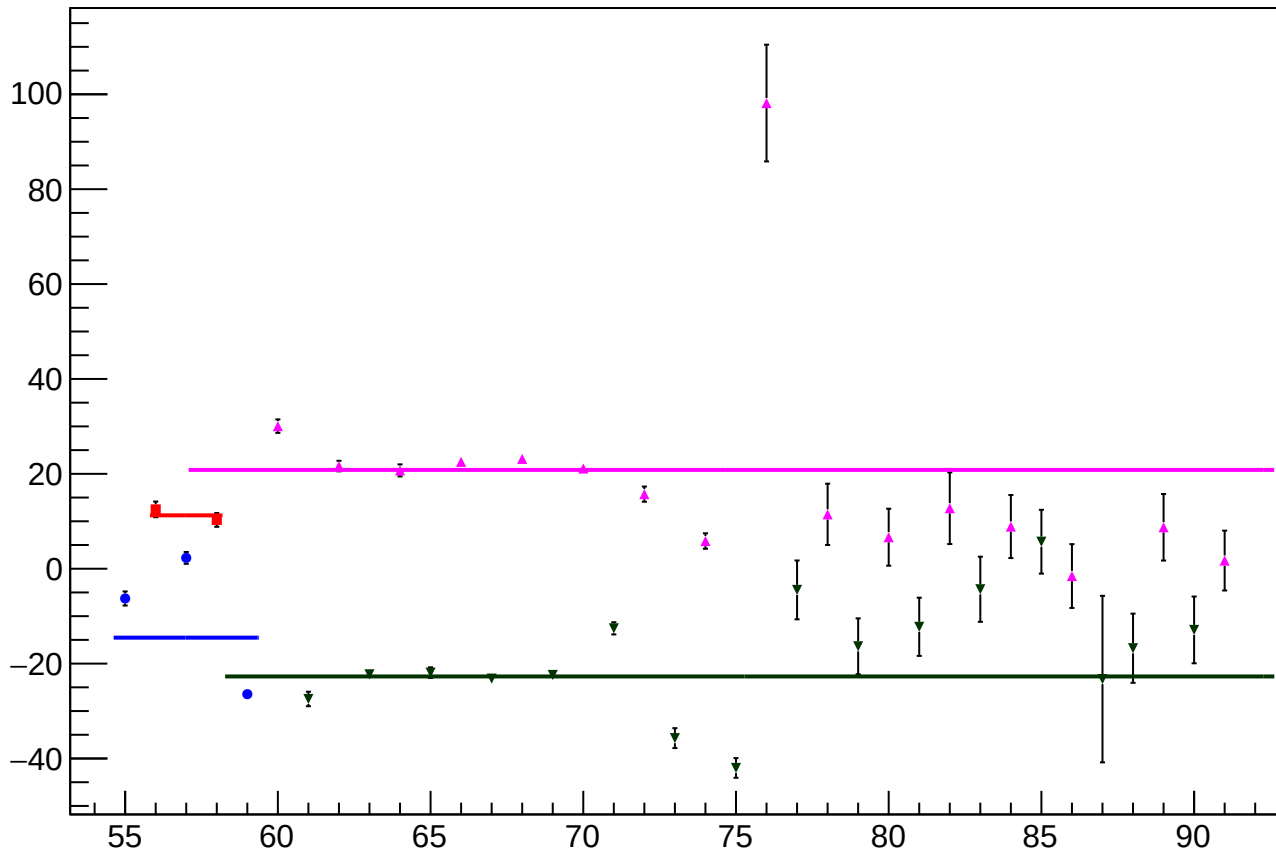
Left Out: 80.780 $\pm$ 0.069 χ^2/NDF : 847386.7/15

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

5.005 $\pm$ 0.040 χ^2/NDF : 5658664.0/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



Right In: -14.527 ± 0.657 χ^2/NDF : 385.6/2

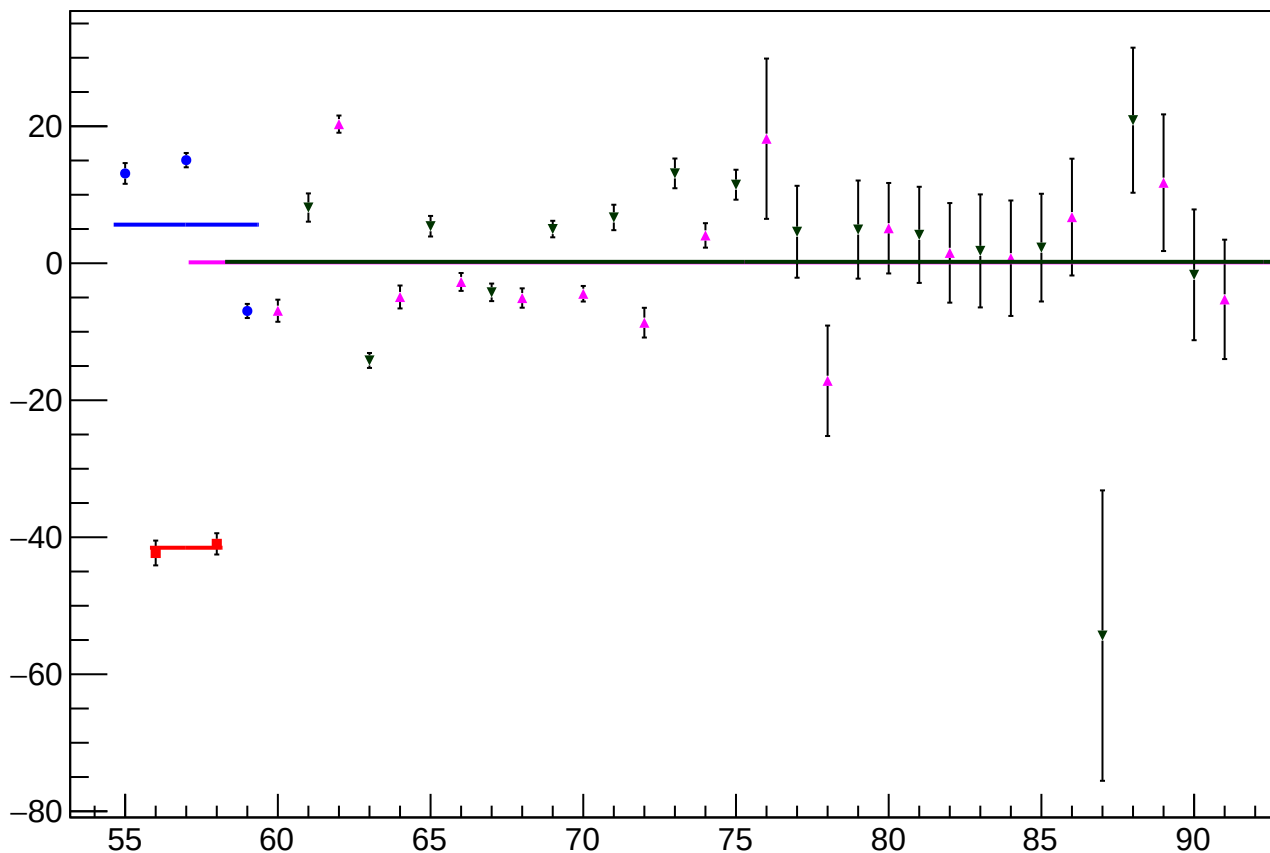
Left Out: -22.708 ± 0.422 χ^2/NDF : 238.1/15

Right Out: 11.252 ± 1.089 χ^2/NDF : 1.0/1

Left In: 20.829 ± 0.405 χ^2/NDF : 220.4/15

-1.652 ± 0.259 χ^2/NDF : 6940.0/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



Right In: 5.636 ± 0.661 χ^2/NDF : 254.8/2

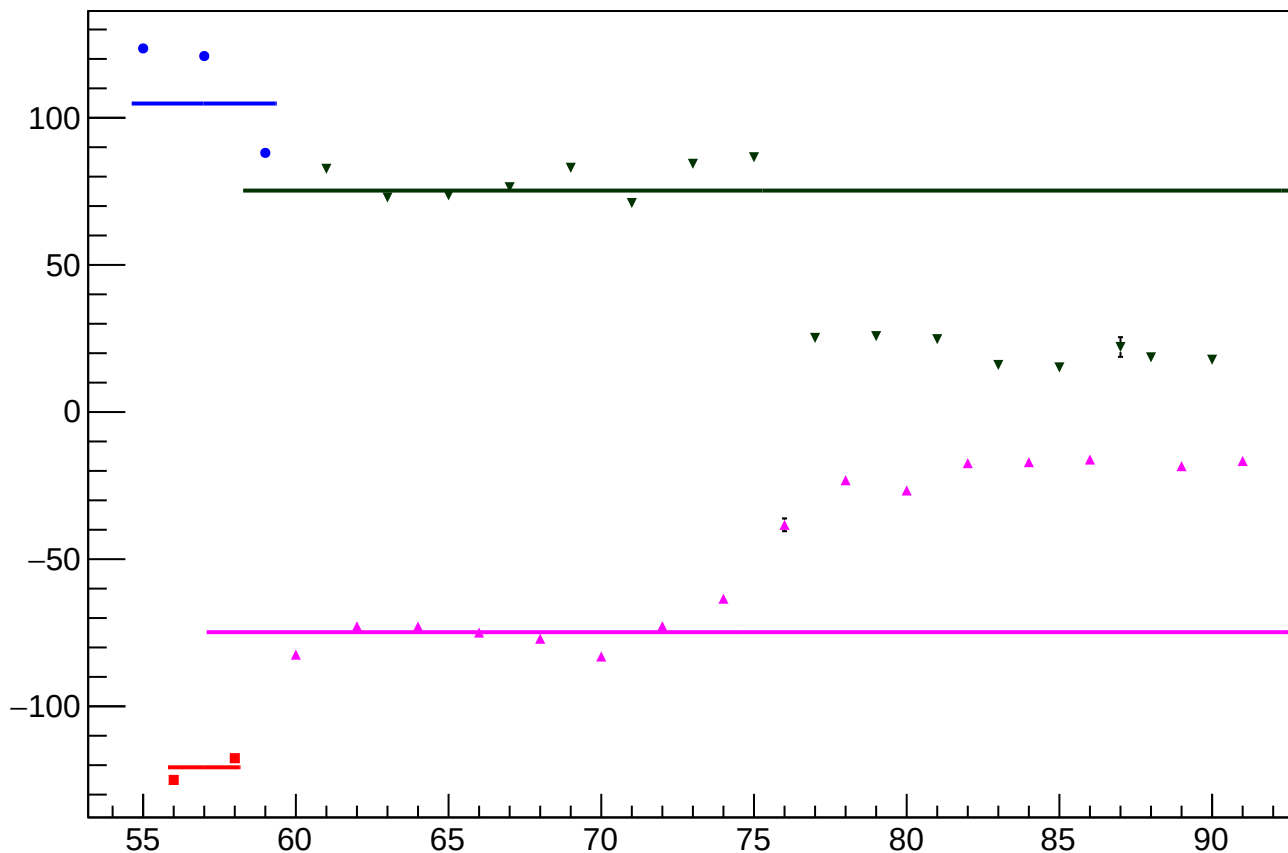
Left Out: 0.207 ± 0.524 χ^2/NDF : 314.5/15

Right Out: -41.529 ± 1.179 χ^2/NDF : 0.3/1

Left In: 0.132 ± 0.508 χ^2/NDF : 353.1/15

-1.491 ± 0.308 χ^2/NDF : 2213.4/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 104.845 $\pm$ 0.116 χ^2 /NDF: 21328.8/2

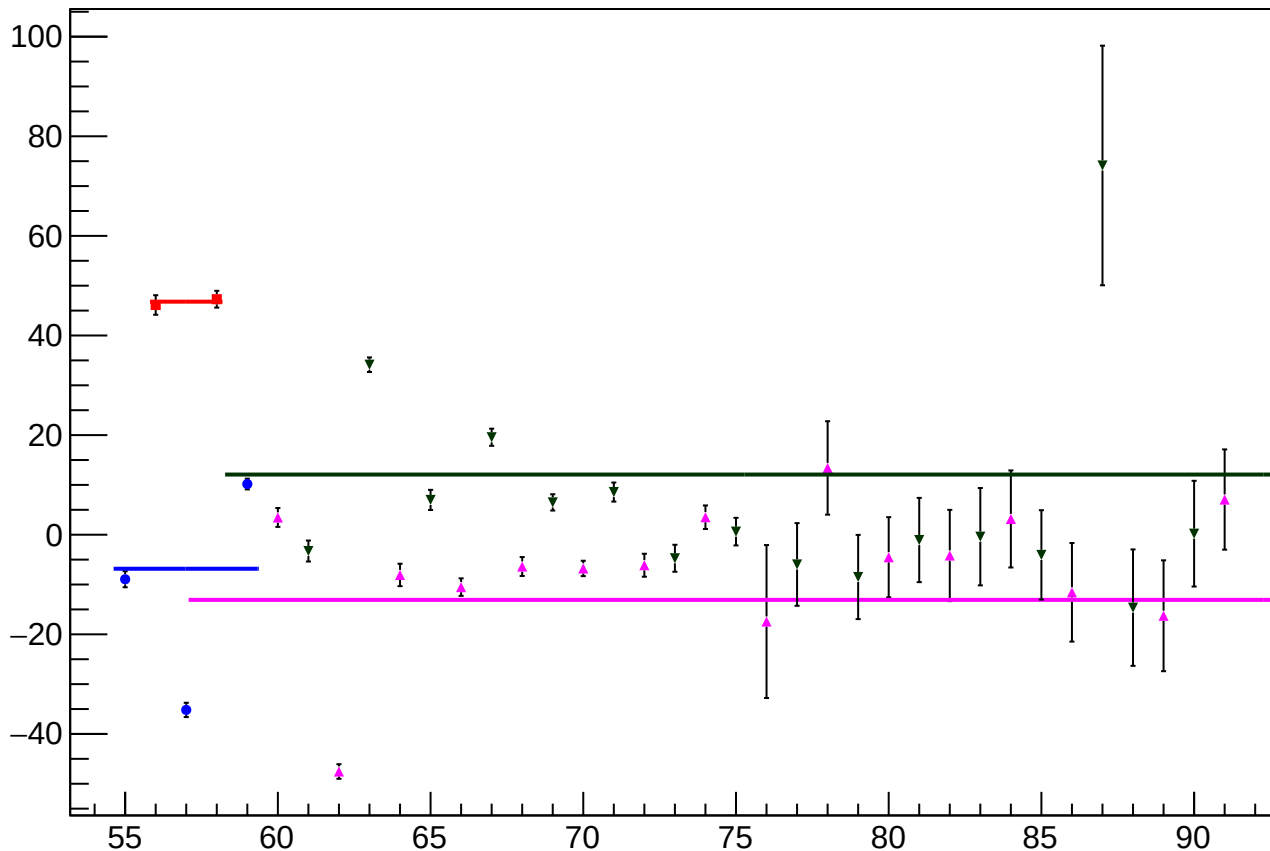
Left Out: 75.260 $\pm$ 0.075 χ^2 /NDF:17655.7/15

Right Out: -120.727 $\pm$ 0.187 χ^2 /NDF: 380.7/1

Left In: -74.810 $\pm$ 0.071 χ^2 /NDF:18172.3/15

6.394 $\pm$ 0.046 χ^2 /NDF: 3384899.9/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: -6.833 ± 0.760 $\chi^2/\text{NDF}: 641.0/2$

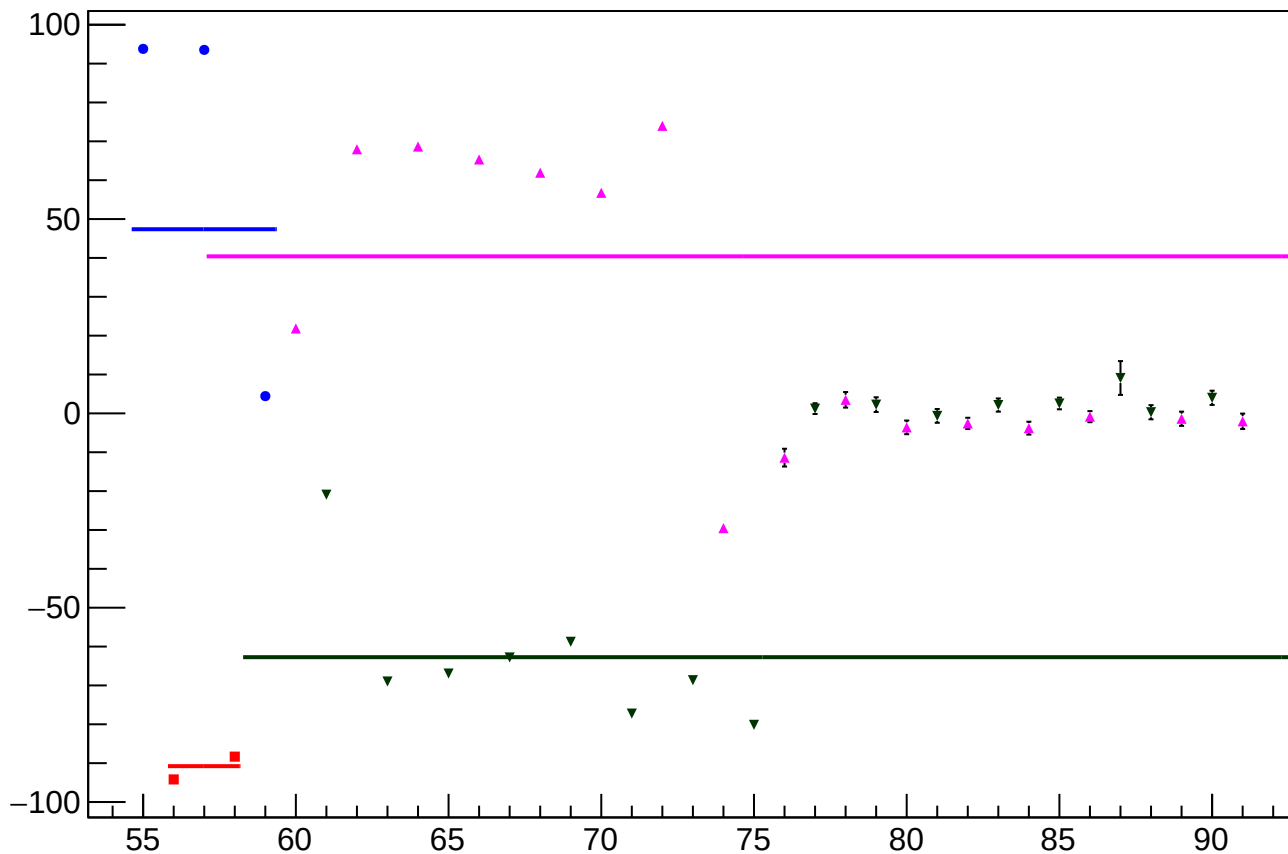
Left Out: 12.081 ± 0.664 $\chi^2/\text{NDF}: 406.8/15$

Right Out: 46.793 ± 1.280 $\chi^2/\text{NDF}: 0.2/1$

Left In: -13.077 ± 0.644 $\chi^2/\text{NDF}: 741.6/15$

1.800 ± 0.377 $\chi^2/\text{NDF}: 3926.8/36$

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

-4.280+/-0.066 χ^2/NDF : 950301.5/36