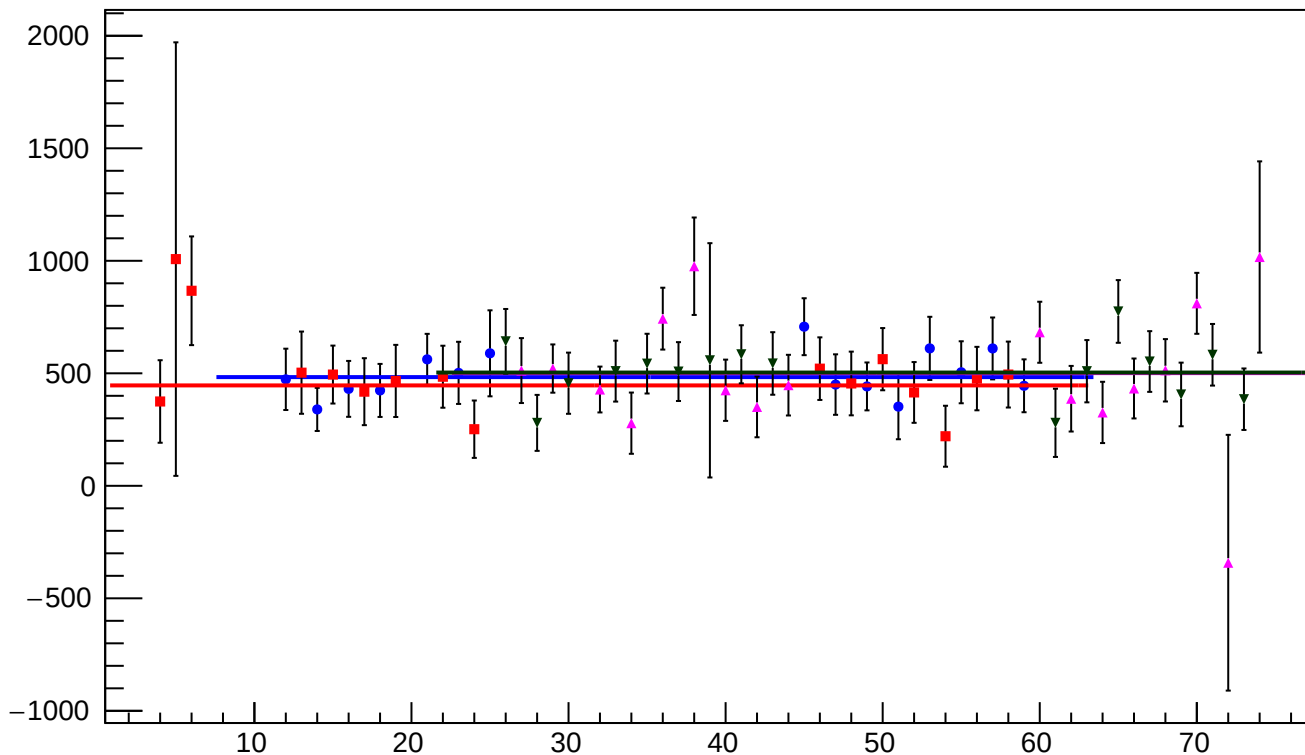


dit_asym_us_avg_mean vs slug



Right In: 483.141+/-32.621

χ^2/NDF : 9.5/14

Left Out: 503.354+/-35.102

χ^2/NDF : 12.5/15

Right Out: 446.215+/-37.887

χ^2/NDF : 10.2/15

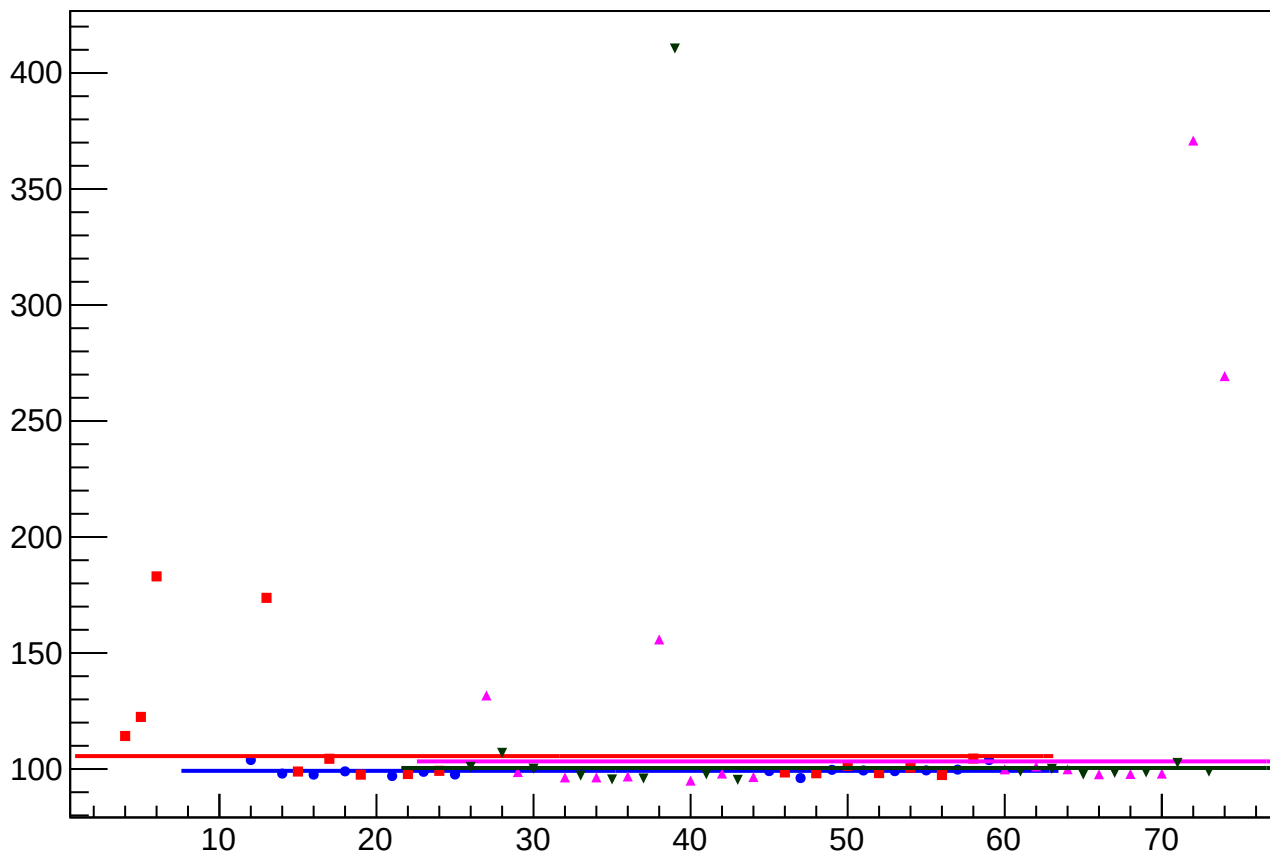
484.865+/-17.412

χ^2/NDF : 59.8/63

Left In: 500.785+/-34.288

χ^2/NDF : 26.1/16

dit_asym_us_avg_rms vs slug



Right In: 99.208+/-0.023 χ^2/NDF : 8208.2/14

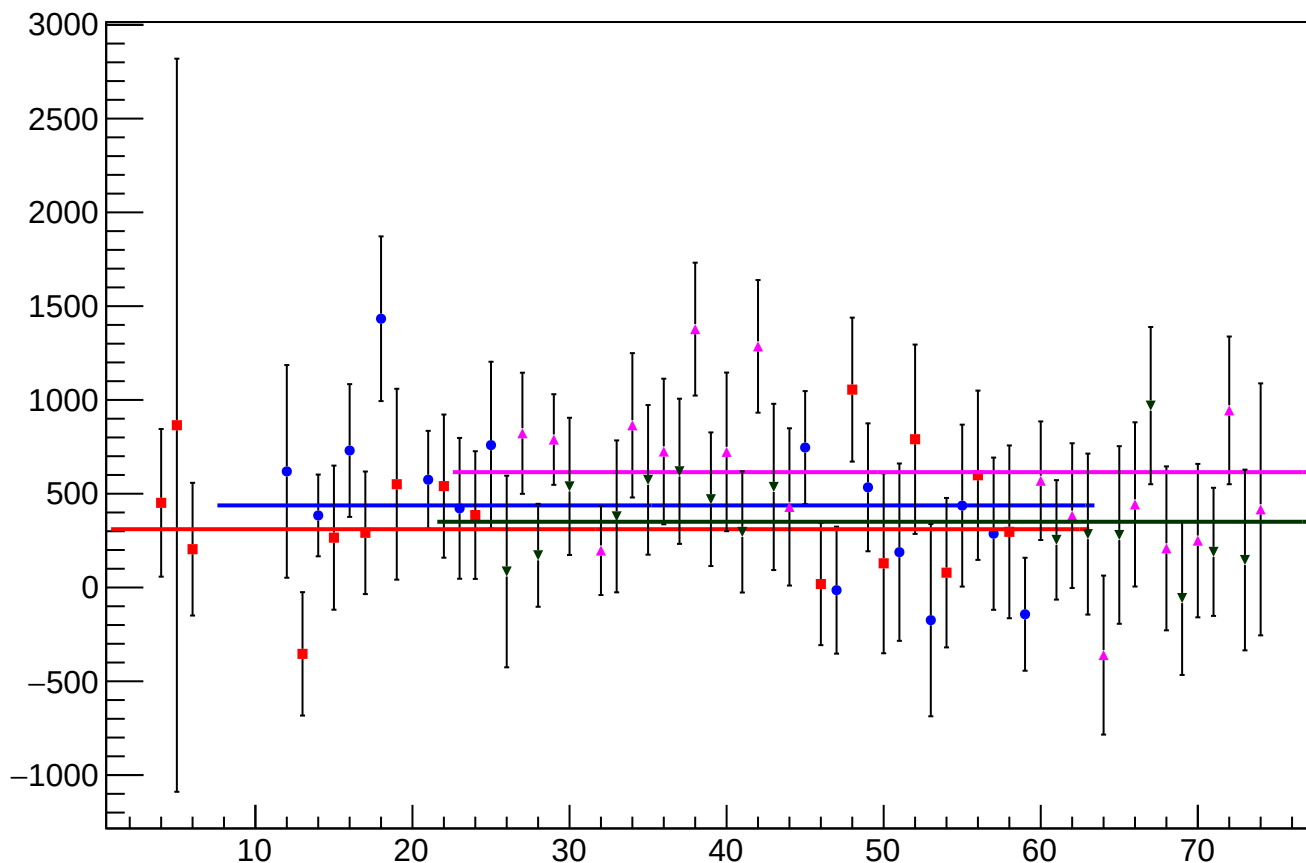
Left Out: 100.448+/-0.025 χ^2/NDF : 727700.5/15

101.907+/-0.012 χ^2/NDF : 2308457.5/63

Right Out: 105.563+/-0.027 χ^2/NDF : 538884.2/15

Left In: 103.288+/-0.024 χ^2/NDF : 994652.2/16

asym_us_avg_mean vs slug



Right In: 437.682 ± 90.035 χ^2/NDF : 15.3/14

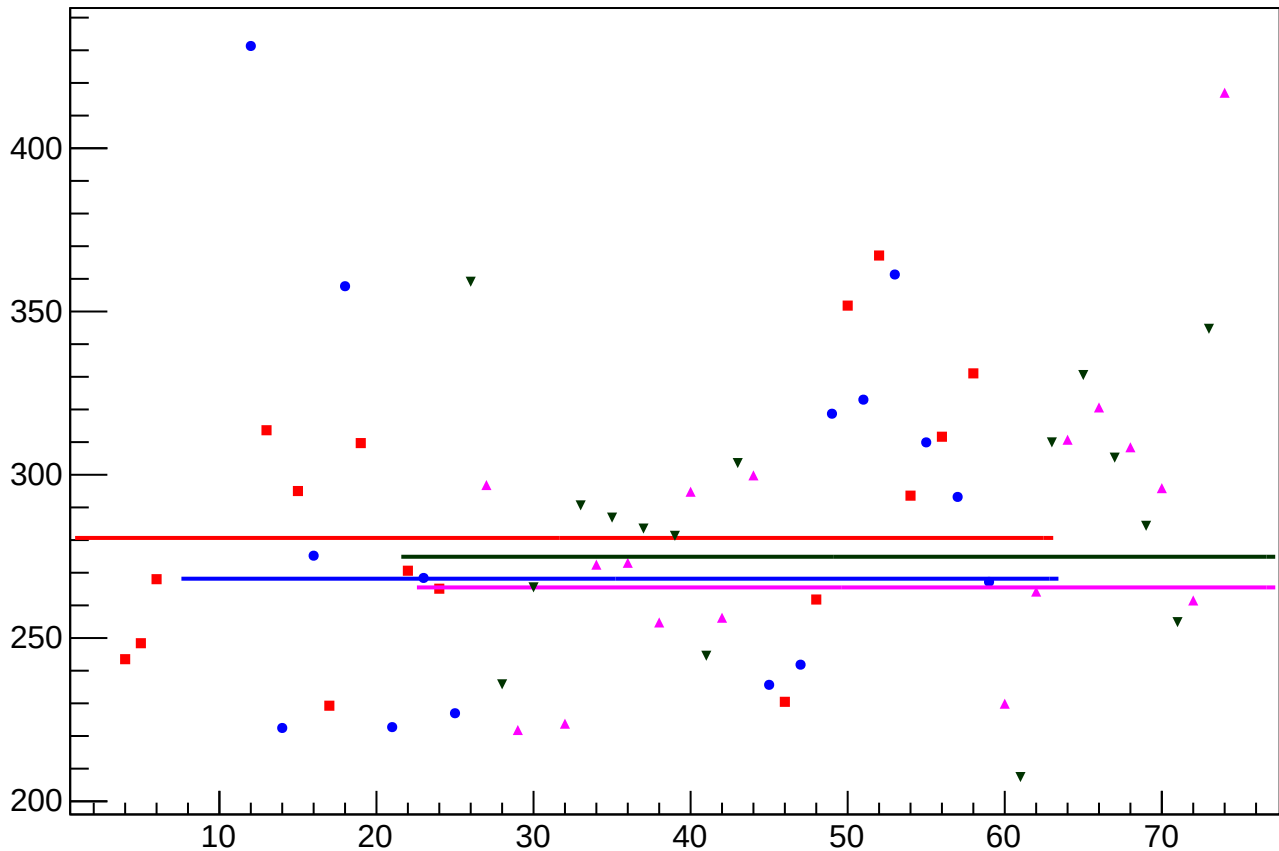
Left Out: 350.468 ± 95.139 χ^2/NDF : 5.8/15

Right Out: 310.873 ± 100.074 χ^2/NDF : 11.4/15

Left In: 615.044 ± 86.879 χ^2/NDF : 21.3/16

440.257 ± 46.315 χ^2/NDF : 60.3/63

asym_us_avg_rms vs slug



Right In: 268.172+/-0.064 χ^2/NDF : 614413.8/14

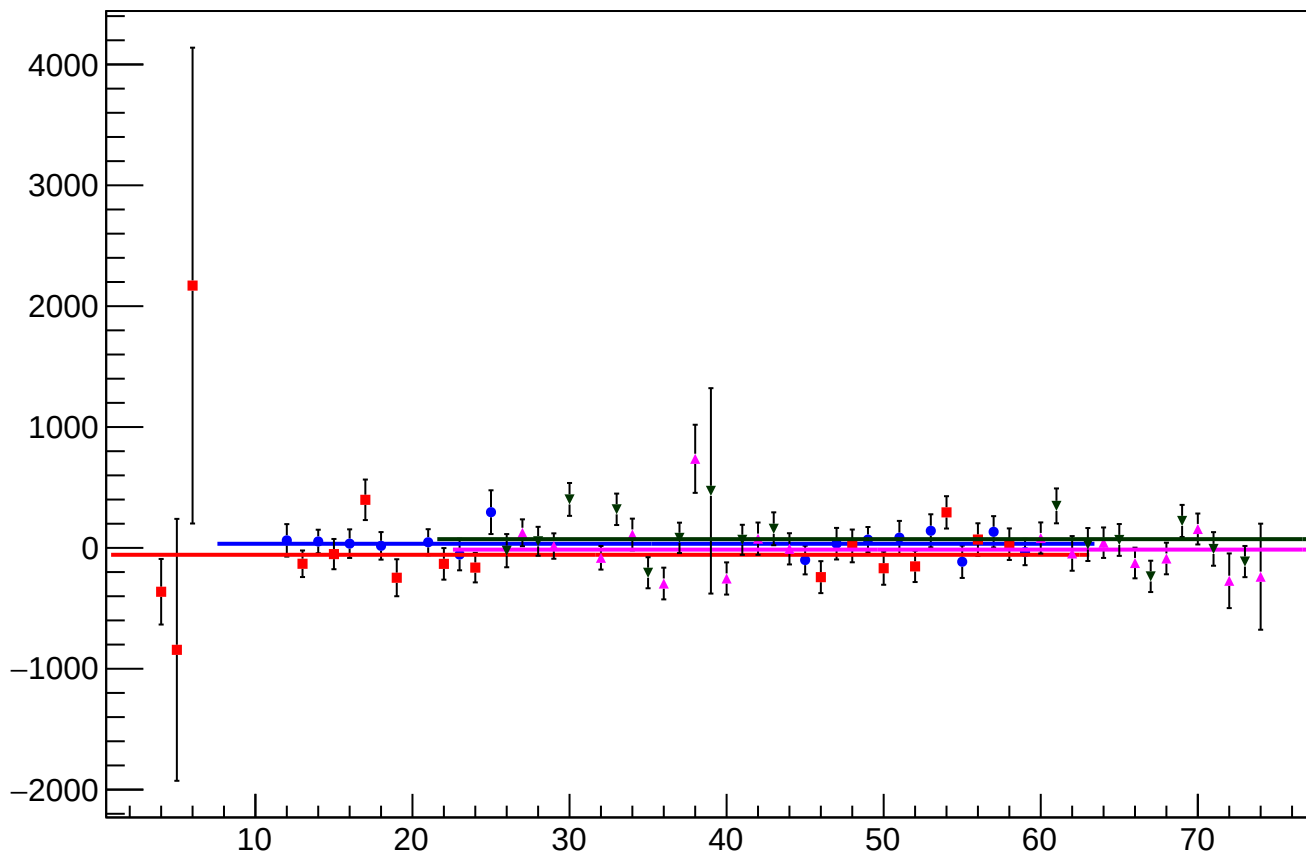
Left Out: 274.894+/-0.067 χ^2/NDF : 319825.4/15

Right Out: 280.656+/-0.071 χ^2/NDF : 295843.2/15

Left In: 265.502+/-0.061 χ^2/NDF : 385748.4/16

271.680+/-0.033 χ^2/NDF : 1647354.6/63

dit_asym_us_dd_mean vs slug



Right In: 34.081+/-31.449 χ^2/NDF : 7.0/14

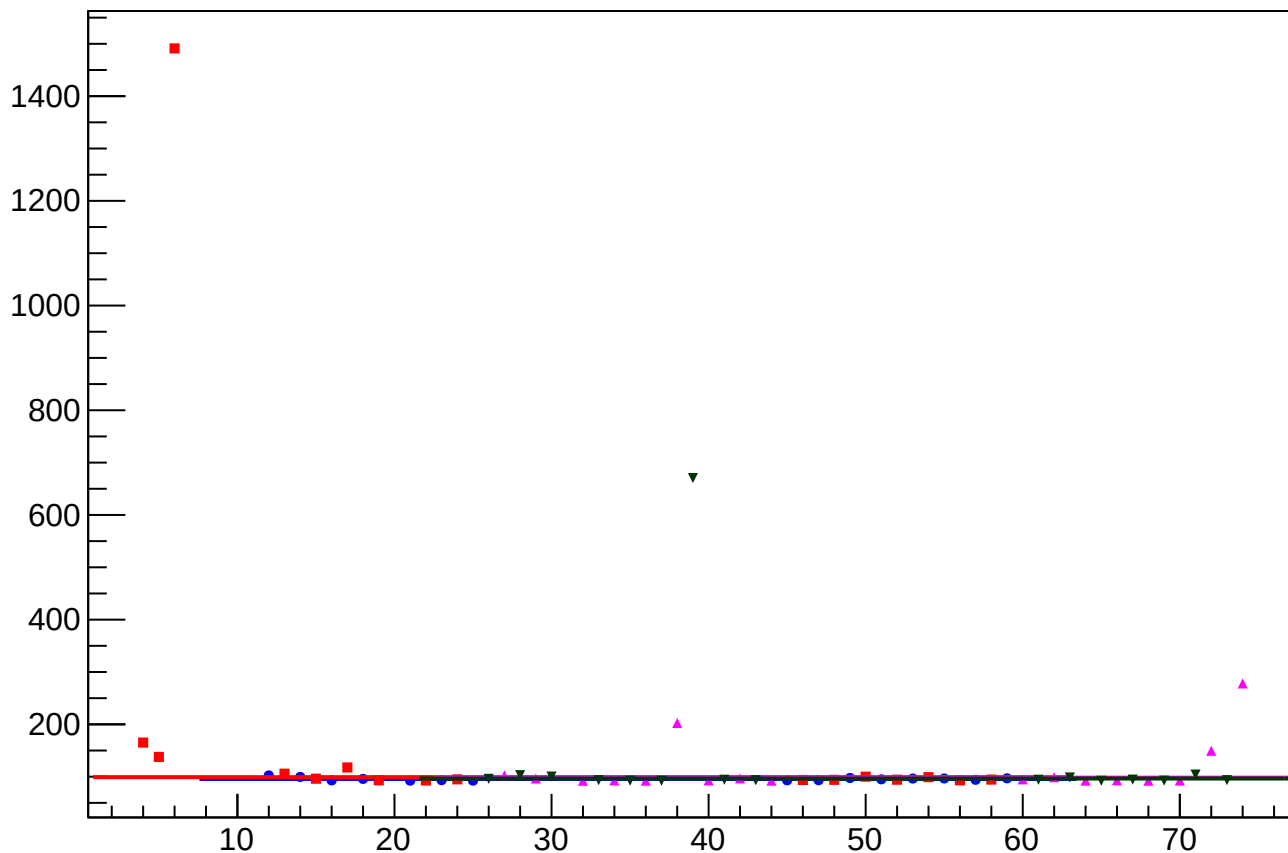
Left Out: 72.394+/-33.946 χ^2/NDF : 28.4/15

Right Out: -57.015+/-36.289 χ^2/NDF : 25.2/15

Left In: -14.139+/-32.354 χ^2/NDF : 23.6/16

11.265+/-16.682 χ^2/NDF : 92.1/63

dit_asym_us_dd_rms vs slug



Right In: 95.681+/-0.022 χ^2 /NDF: 15193.9/14

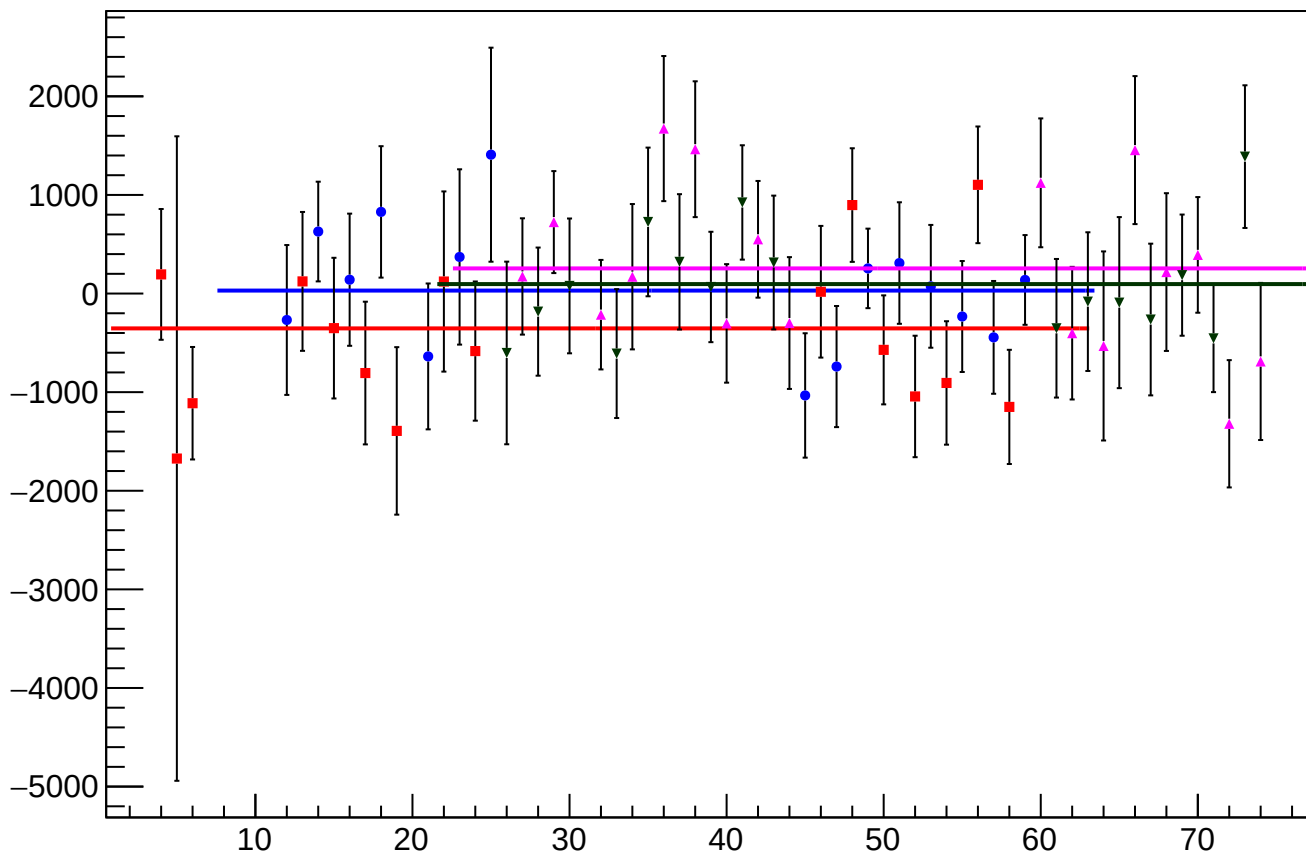
Left Out: 96.476+/-0.024 χ^2 /NDF: 939586.5/15

Right Out: 99.086+/-0.026 χ^2 /NDF: 1179854.7/15

Left In: 98.181+/-0.023 χ^2 /NDF: 755476.4/16

97.257+/-0.012 χ^2 /NDF: 2902902.9/63

asym_us_dd_mean vs slug



Right In: 30.104+/-154.973 χ^2/NDF : 11.5/14

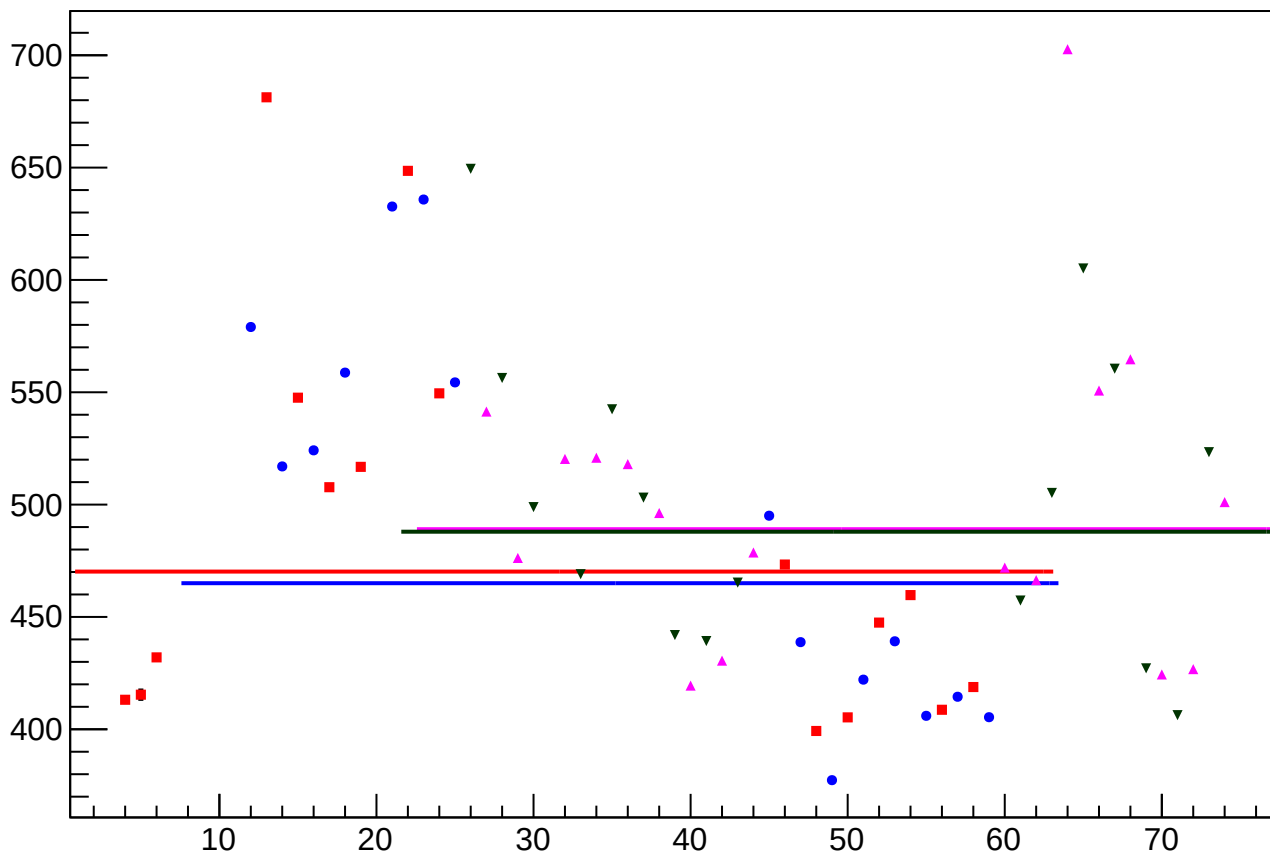
Left Out: 95.924+/-168.488 χ^2/NDF : 9.8/15

Right Out: -353.448+/-167.878 χ^2/NDF : 20.5/15

Left In: 254.884+/-159.350 χ^2/NDF : 23.5/16

14.032+/-81.183 χ^2/NDF : 72.7/63

asym_us_dd_rms vs slug



Right In: 465.017+/-0.110 χ^2/NDF : 499287.0/14

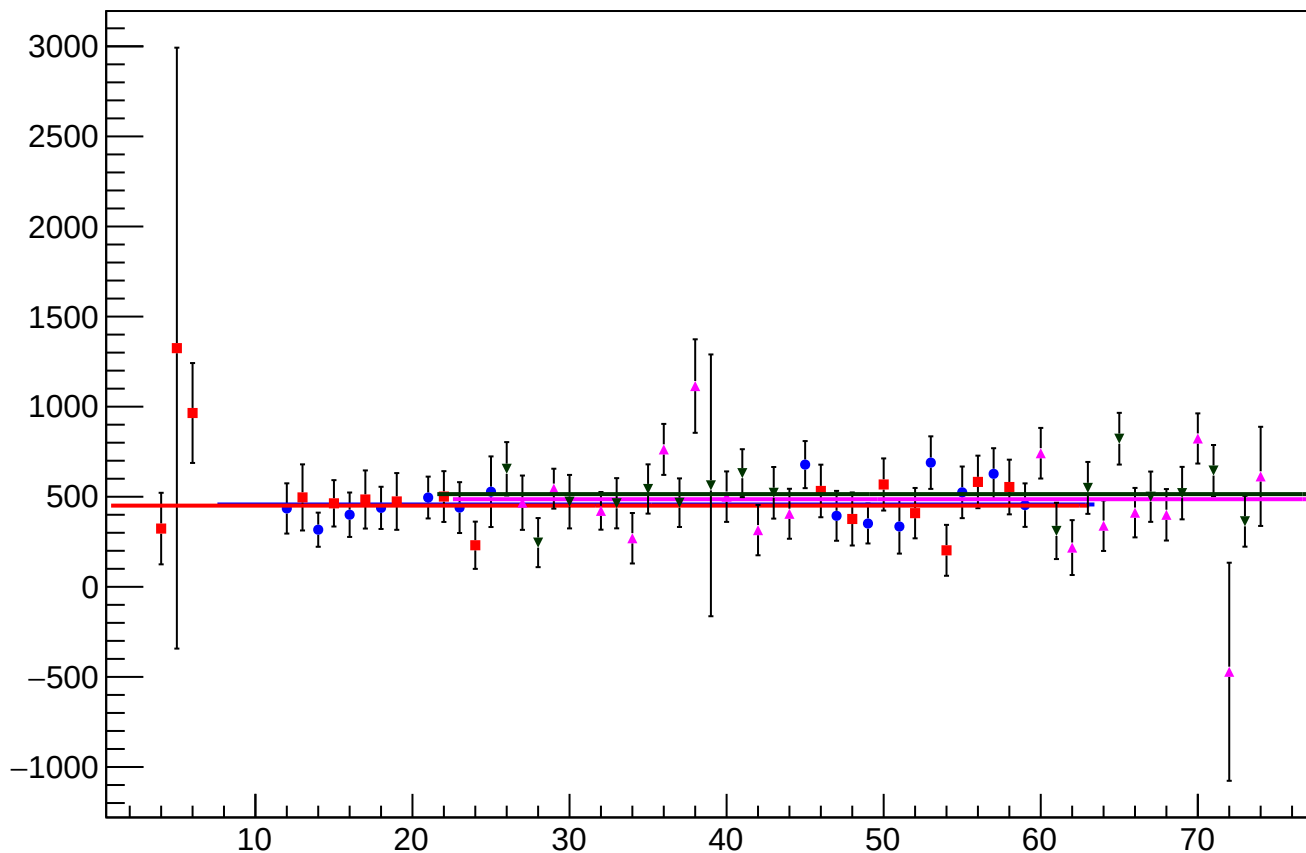
Left Out: 487.937+/-0.119 χ^2/NDF : 254991.4/15

Right Out: 470.189+/-0.119 χ^2/NDF : 439071.0/15

Left In: 489.052+/-0.113 χ^2/NDF : 254997.4/16

477.786+/-0.057 χ^2/NDF : 1483276.0/63

dit_asym_ds_avg_mean vs slug



Right In: 457.092 $\pm$ 33.292 χ^2 /NDF: 11.5/14

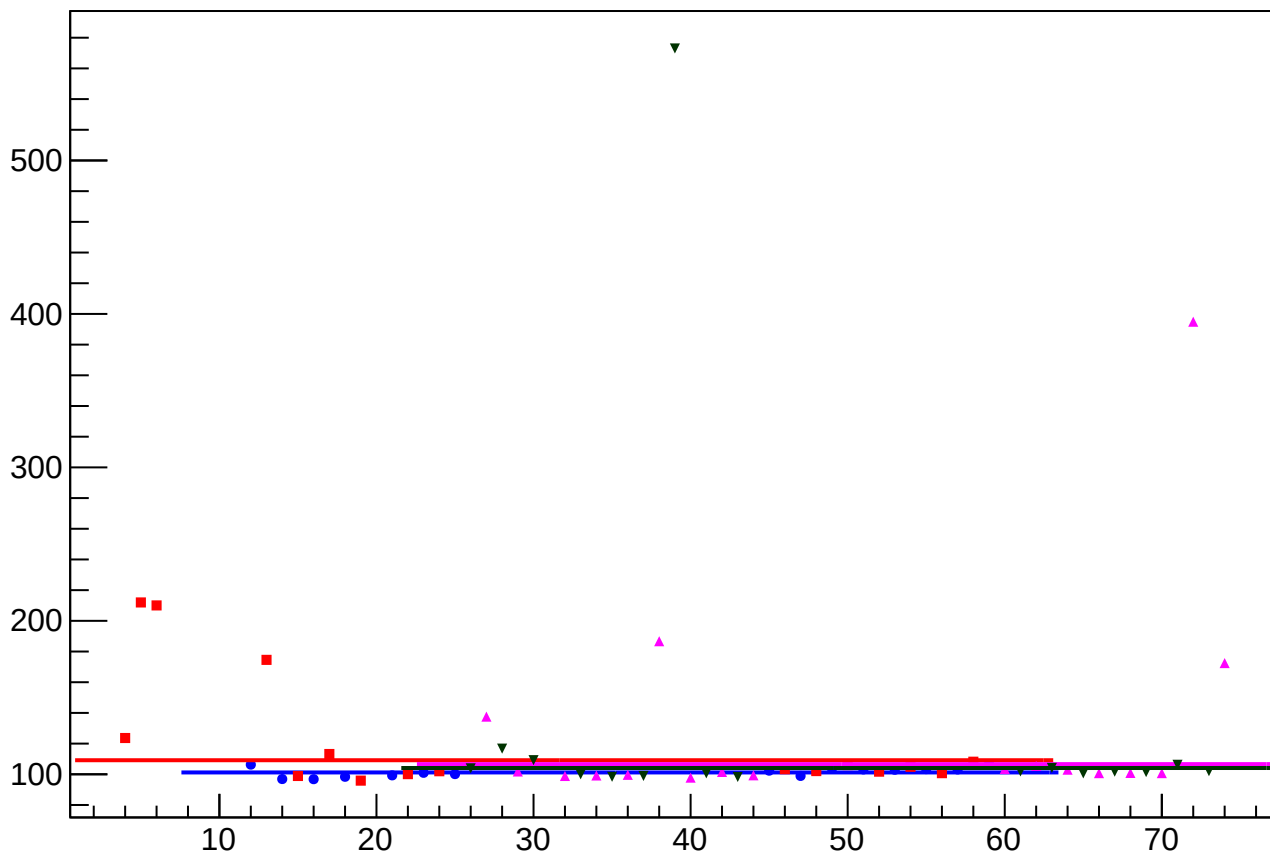
Left Out: 514.613 $\pm$ 36.556 χ^2 /NDF:14.3/15

Right Out: 450.725 $\pm$ 39.266 χ^2 /NDF: 12.9/15

Left In: 486.308 $\pm$ 35.330 χ^2 /NDF:31.3/16

477.194 $\pm$ 17.960 χ^2 /NDF: 72.0/63

dit_asym_ds_avg_rms vs slug



Right In: 101.207+/-0.024 χ^2/NDF : 18261.8/14

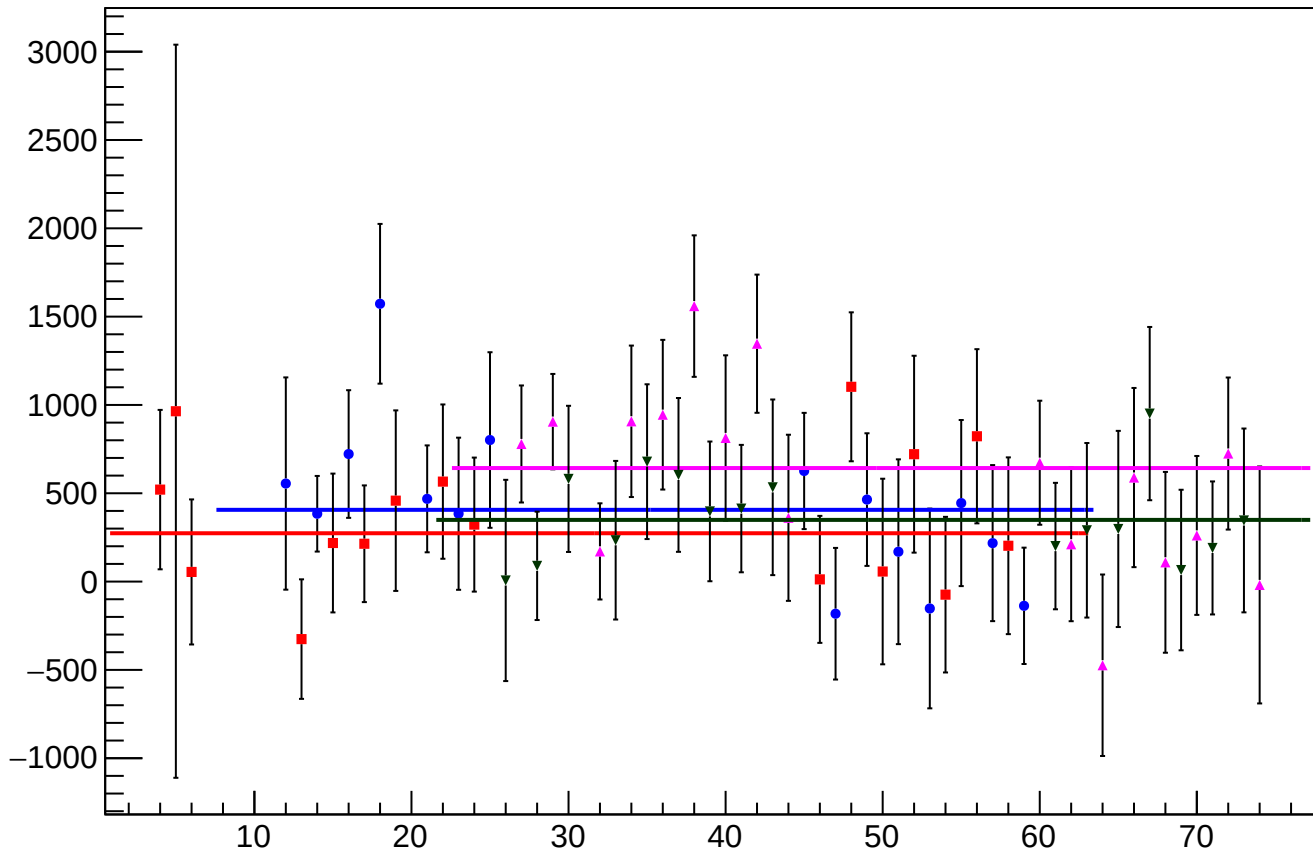
Left Out: 104.098+/-0.026 χ^2/NDF : 869164.2/15

104.972+/-0.013 χ^2/NDF : 2441281.8/63

Right Out: 109.164+/-0.028 χ^2/NDF : 602715.7/15

Left In: 106.635+/-0.025 χ^2/NDF : 897191.9/16

asym_ds_avg_mean vs slug



Right In: 406.234 $\pm$ 96.820 χ^2 /NDF: 15.2/14

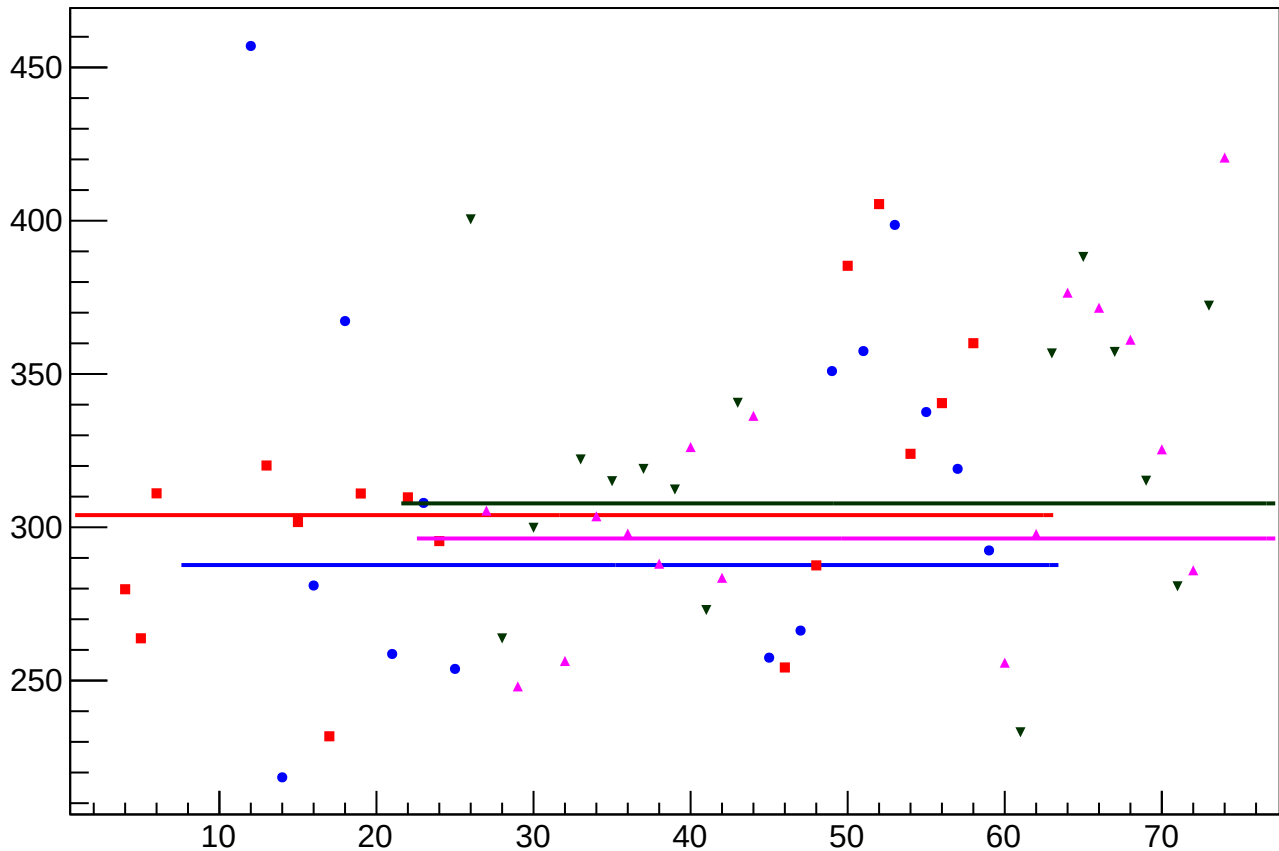
Left Out: 349.248 $\pm$ 106.590 χ^2 /NDF: 4.8/15

429.389 $\pm$ 50.882 χ^2 /NDF: 61.7/63

Right Out: 273.647 $\pm$ 108.510 χ^2 /NDF: 11.6/15

Left In: 642.763 $\pm$ 96.844 χ^2 /NDF: 22.5/16

asym_ds_avg_rms vs slug



Right In: 287.684+/-0.068 χ^2/NDF : 688700.3/14

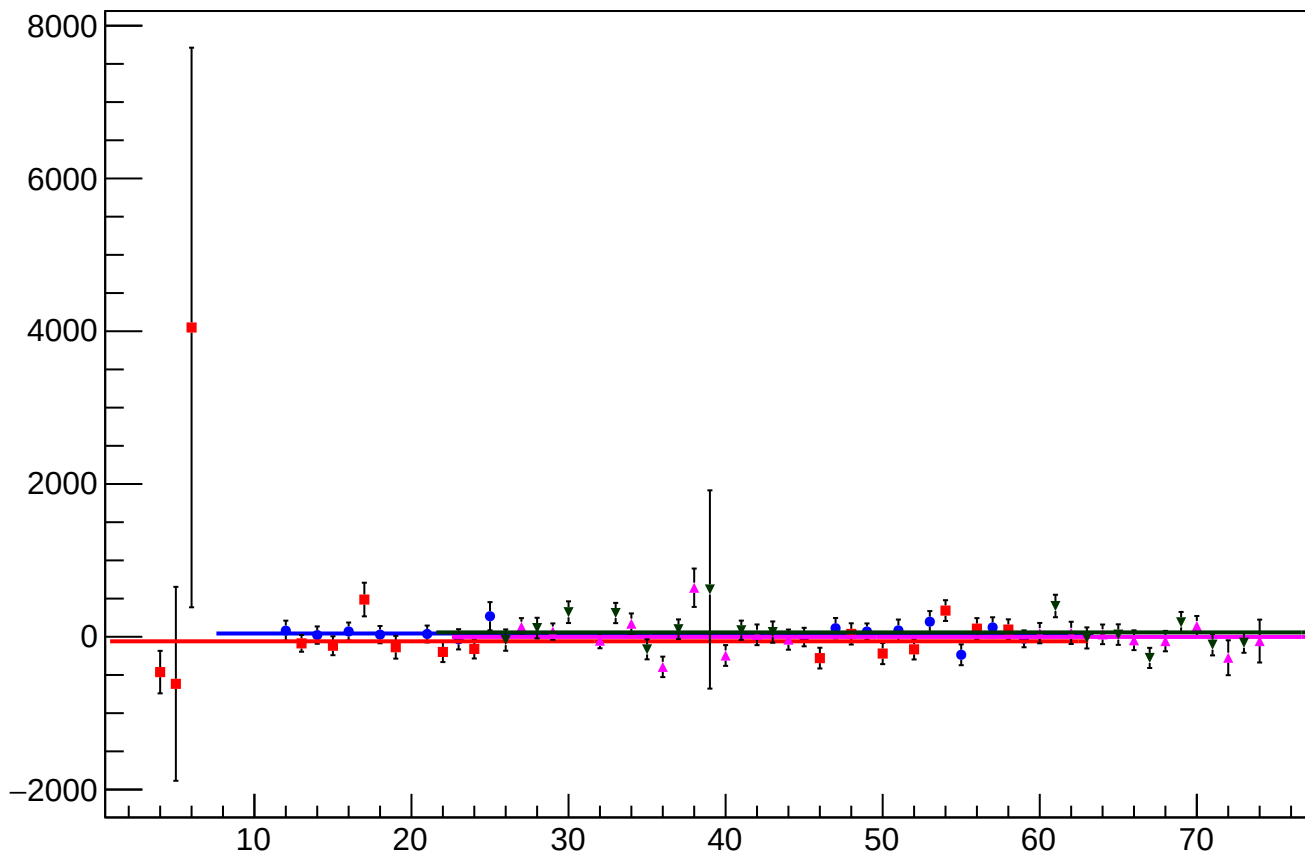
Left Out: 307.790+/-0.075 χ^2/NDF : 336811.5/15

298.237+/-0.036 χ^2/NDF : 1740472.8/63

Right Out: 303.967+/-0.077 χ^2/NDF : 304518.4/15

Left In: 296.344+/-0.068 χ^2/NDF : 364277.1/16

dit_asym_ds_dd_mean vs slug



Right In: 43.051+/-32.219 χ^2/NDF : 8.7/14

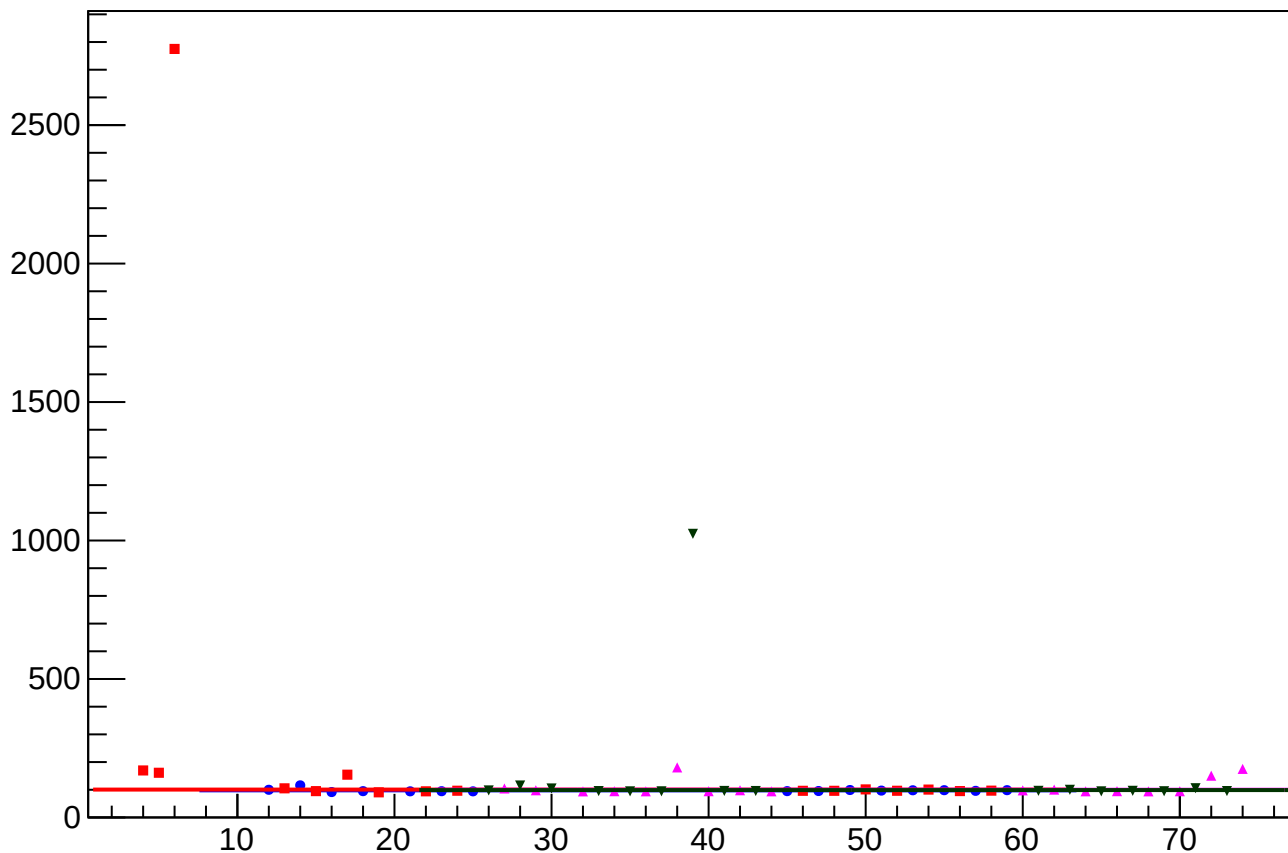
Left Out: 57.313+/-34.935 χ^2/NDF : 26.5/15

Right Out: -59.303+/-37.066 χ^2/NDF : 28.7/15

Left In: -1.947+/-32.797 χ^2/NDF : 25.4/16

12.632+/-17.049 χ^2/NDF : 95.9/63

dit_asym_ds_dd_rms vs slug



Right In: 97.889+/-0.023 χ^2 /NDF: 64465.6/14

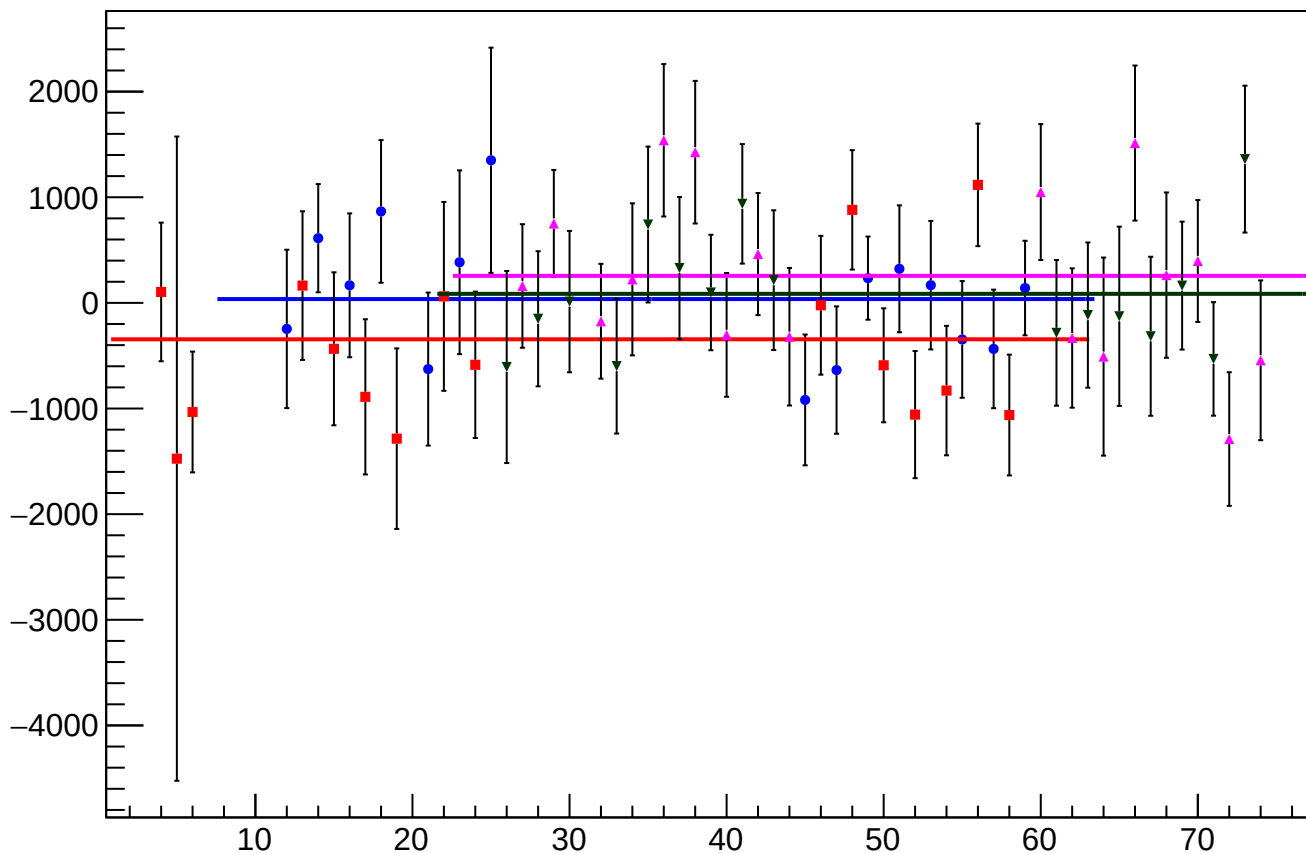
Left Out: 98.842+/-0.025 χ^2 /NDF: 1070620.7/15

Right Out: 100.653+/-0.026 χ^2 /NDF: 1347280.7/15

Left In: 100.194+/-0.023 χ^2 /NDF: 487664.3/16

99.324+/-0.012 χ^2 /NDF: 2978358.3/63

asym_ds_dd_mean vs slug



Right In: 36.264 $\pm$ 152.874 χ^2 /NDF: 10.9/14

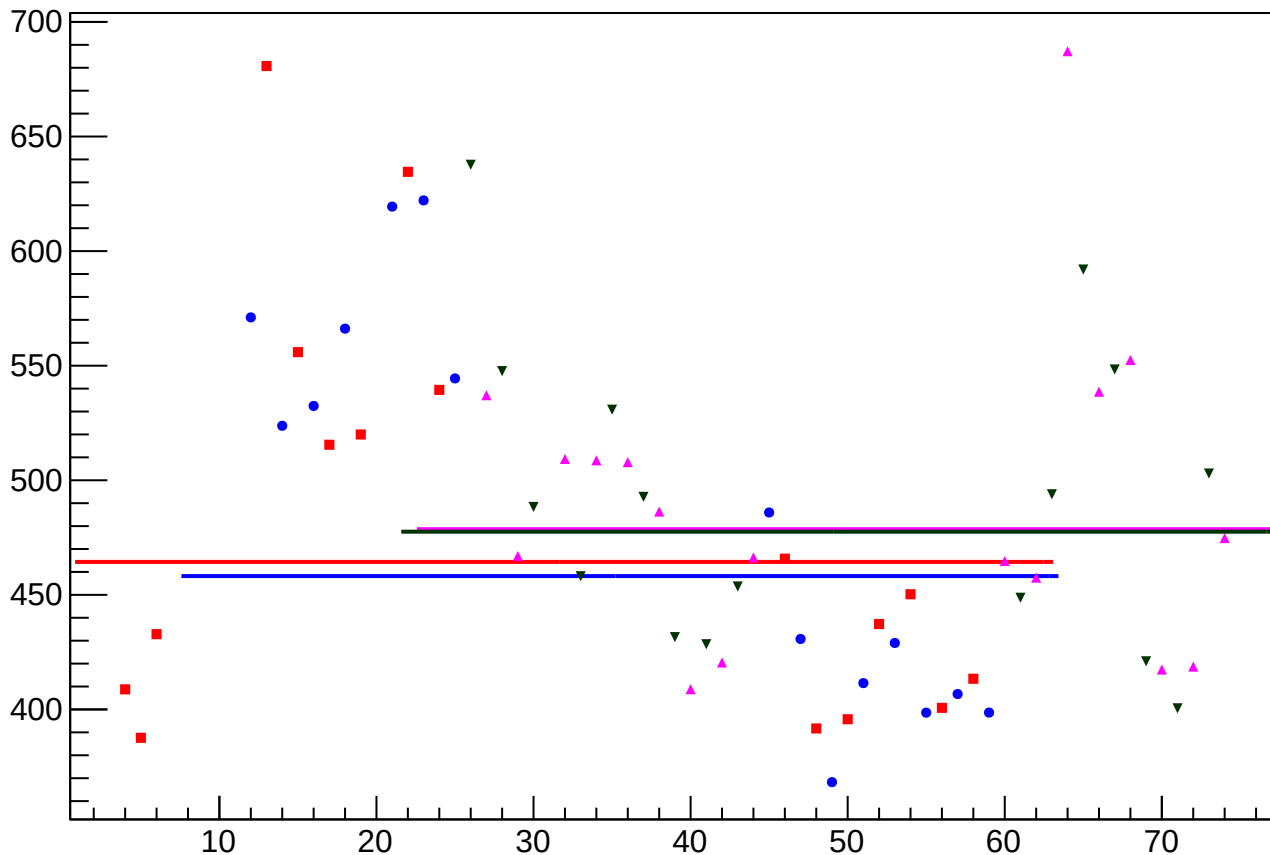
Left Out: 85.661 $\pm$ 164.885 χ^2 /NDF:10.5/15

17.254 $\pm$ 79.812 χ^2 /NDF: 71.1/63

Right Out: -344.572 $\pm$ 165.948 χ^2 /NDF: 19.8/15

Left In: 255.891 $\pm$ 155.974 χ^2 /NDF:22.7/16

asym_ds_dd_rms vs slug



Right In: 458.185 ± 0.108 χ^2/NDF : 541166.2/14

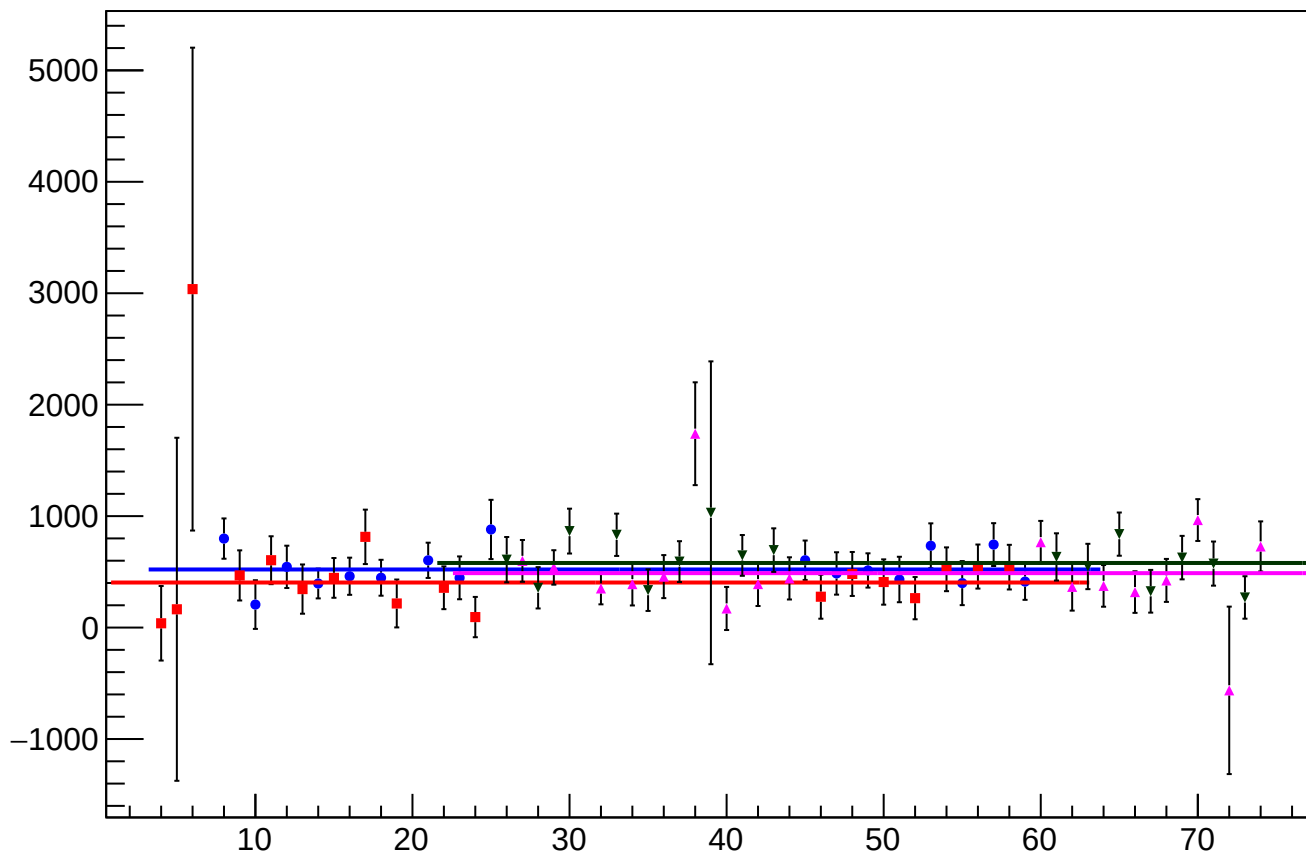
Left Out: 477.563 ± 0.117 χ^2/NDF : 251629.4/15

Right Out: 464.379 ± 0.117 χ^2/NDF : 467507.3/15

Left In: 478.656 ± 0.110 χ^2/NDF : 257497.1/16

469.518 ± 0.056 χ^2/NDF : 1542335.3/63

dit_asym_usl_mean vs slug



Right In: 521.307+/-43.370 χ^2/NDF : 11.7/16

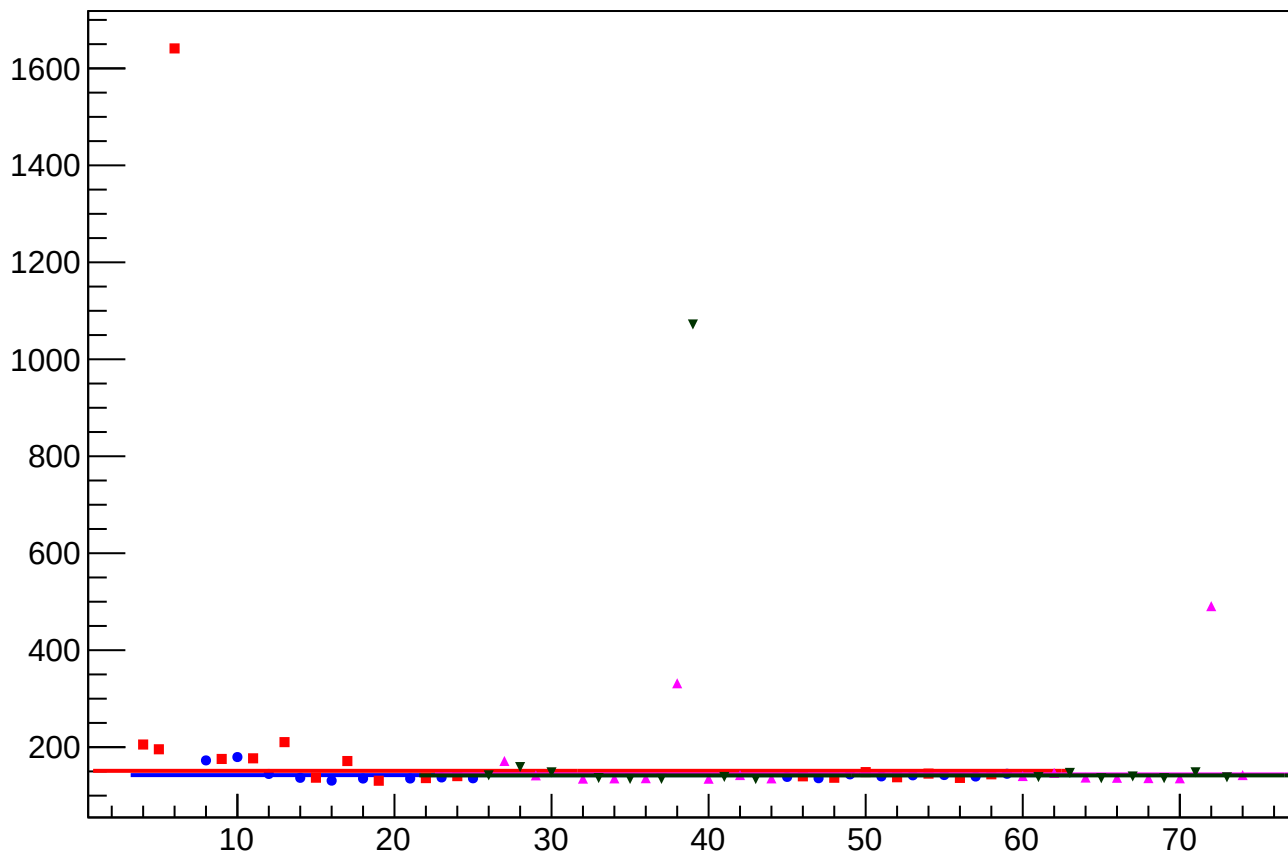
Left Out: 579.621+/-49.977 χ^2/NDF : 13.9/15

Right Out: 404.222+/-51.375 χ^2/NDF : 12.8/17

Left In: 488.360+/-47.554 χ^2/NDF : 25.3/16

501.010+/-23.884 χ^2/NDF : 70.0/67

dit_asym_usl_rms vs slug



Right In: 142.341+/-0.031 χ^2/NDF : 142716.1/16

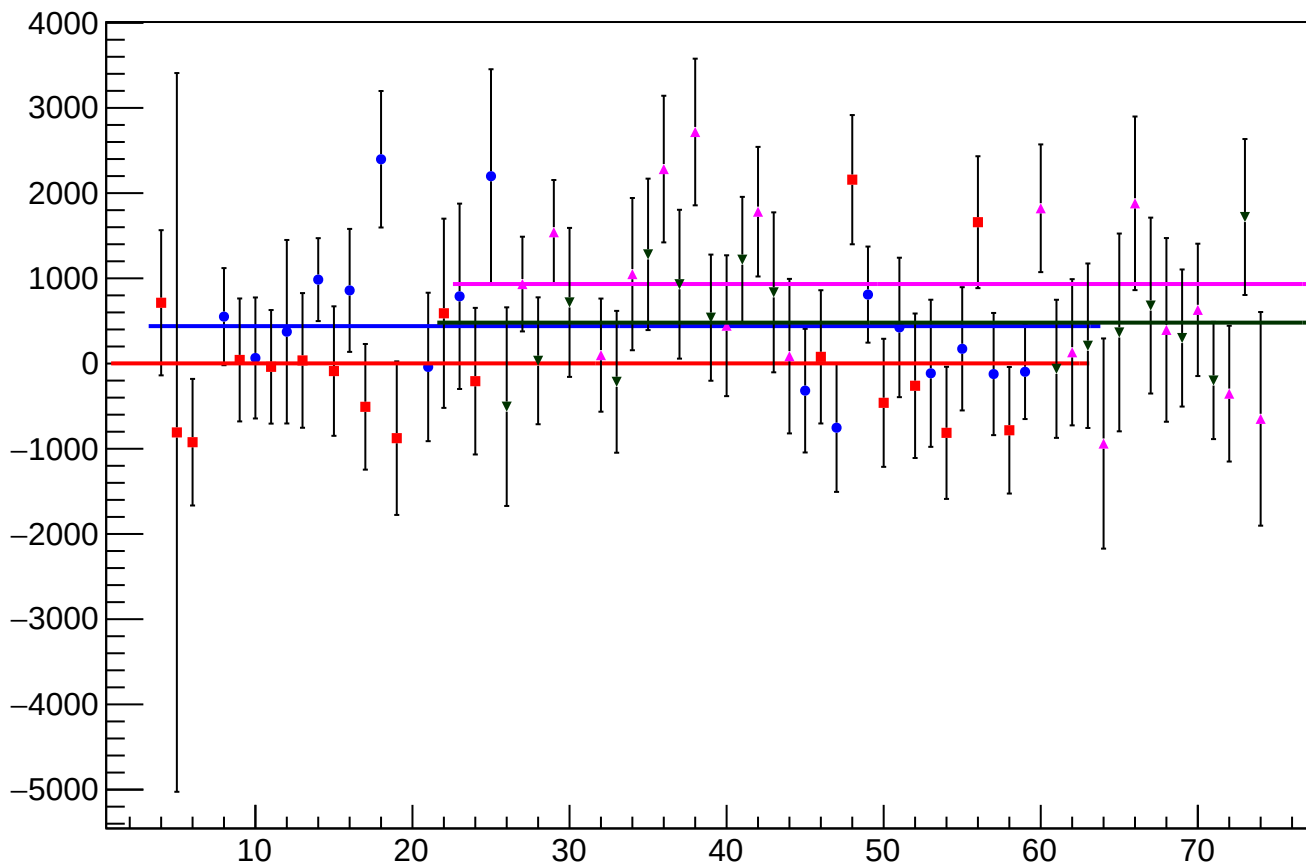
Left Out: 141.771+/-0.035 χ^2/NDF : 976568.3/15

Right Out: 151.177+/-0.036 χ^2/NDF : 1302612.6/17

Left In: 143.771+/-0.034 χ^2/NDF : 838226.7/16

144.481+/-0.017 χ^2/NDF : 3305287.9/67

asym_usl_mean vs slug



Right In: 439.167 ± 173.598 χ^2/NDF : 16.4/16

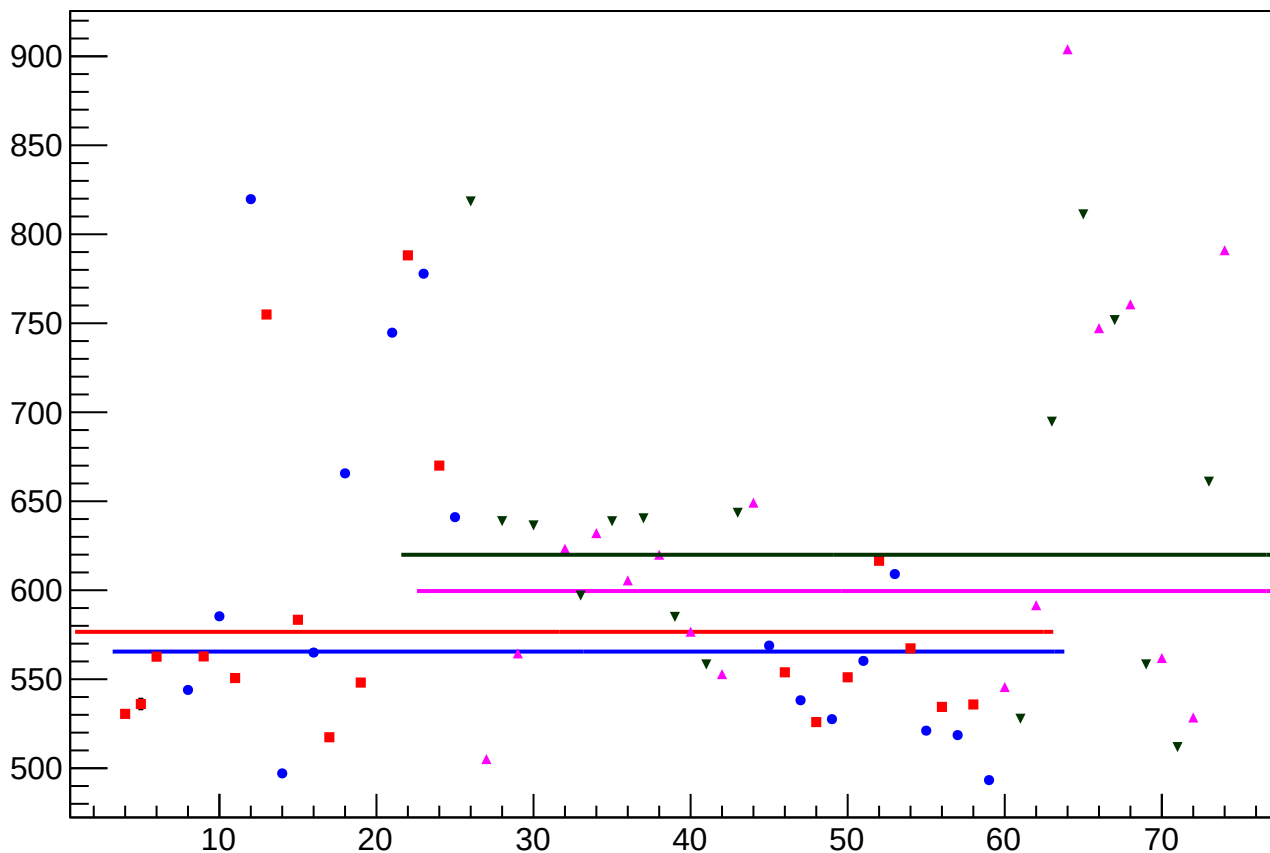
Left Out: 480.182 ± 214.176 χ^2/NDF : 7.5/15

Right Out: 1.877 ± 190.109 χ^2/NDF : 19.4/17

Left In: 933.207 ± 196.030 χ^2/NDF : 21.9/16

454.360 ± 95.926 χ^2/NDF : 76.9/67

asym_usl_rms vs slug



Right In: 565.537+/-0.123 χ^2/NDF : 421789.4/16

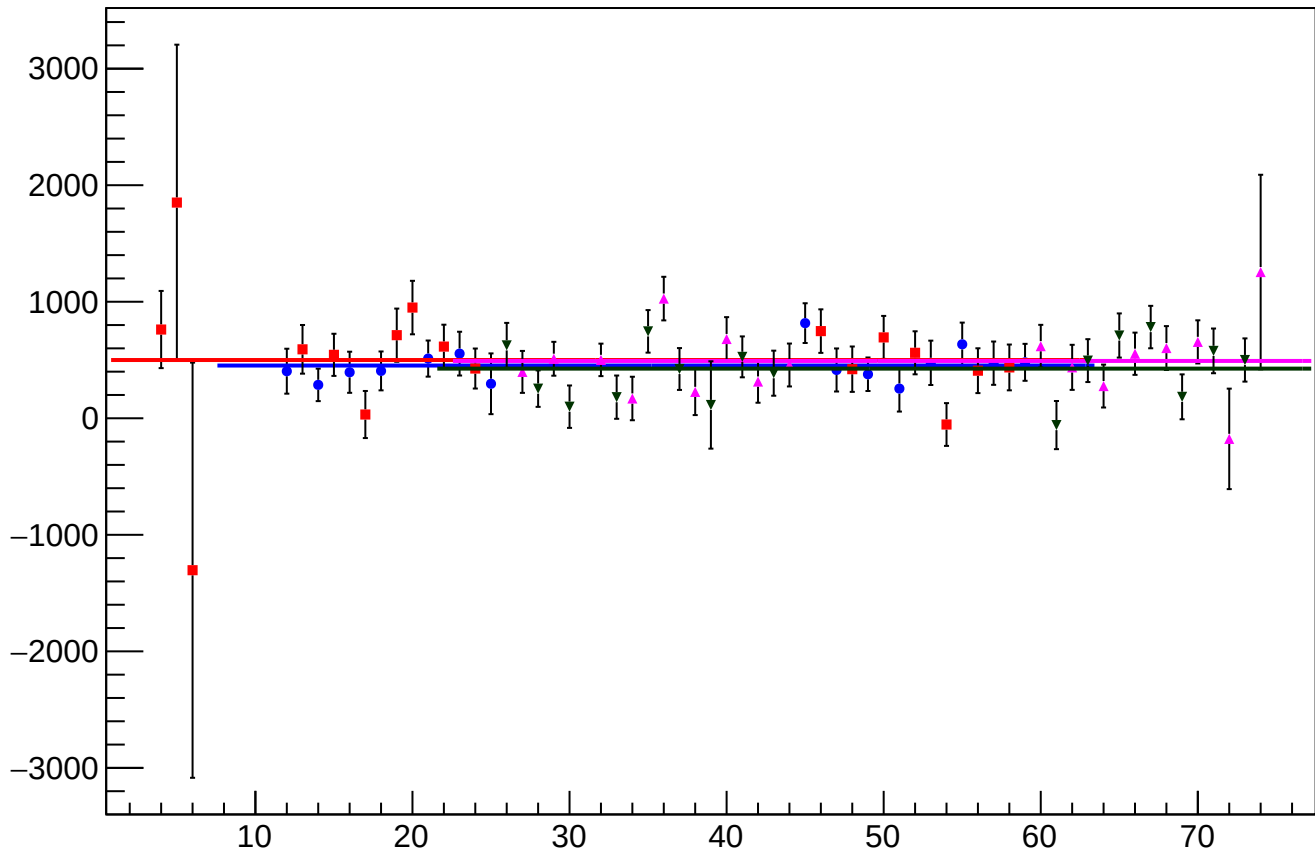
Left Out: 619.933+/-0.151 χ^2/NDF : 273155.7/15

587.416+/-0.068 χ^2/NDF : 1412234.8/67

Right Out: 576.627+/-0.134 χ^2/NDF : 253222.2/17

Left In: 599.546+/-0.139 χ^2/NDF : 372100.1/16

dit_asym_usr_mean vs slug



Right In: 452.572 $\pm$ 44.982 χ^2 /NDF: 9.4/14

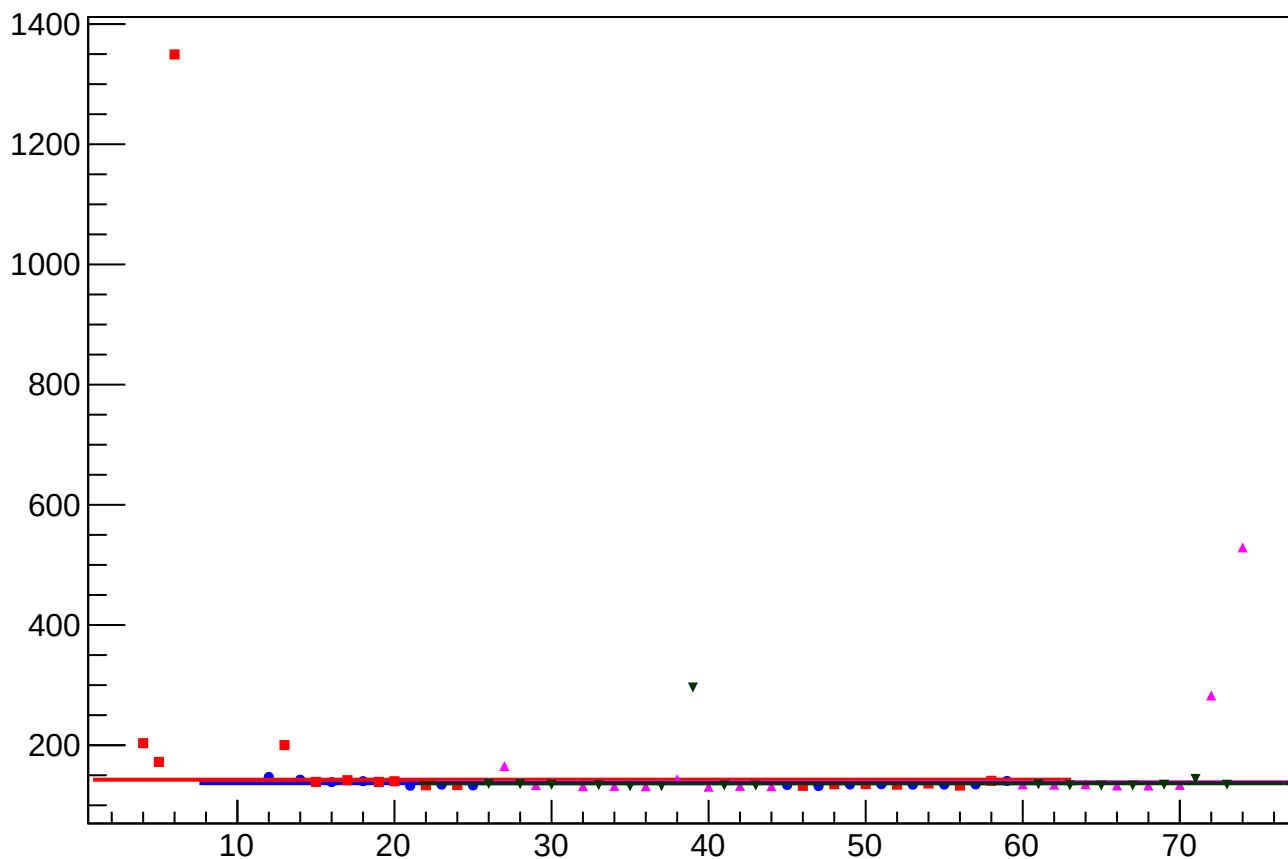
Left Out: 426.118 $\pm$ 47.219 χ^2 /NDF: 25.5/15

466.579 $\pm$ 23.512 χ^2 /NDF: 84.1/64

Right Out: 499.928 $\pm$ 50.973 χ^2 /NDF: 26.1/16

Left In: 492.000 $\pm$ 45.583 χ^2 /NDF: 21.6/16

dit_asym_usr_rms vs slug



Right In: 136.818 $\pm$ 0.032 χ^2/NDF : 16809.9/14

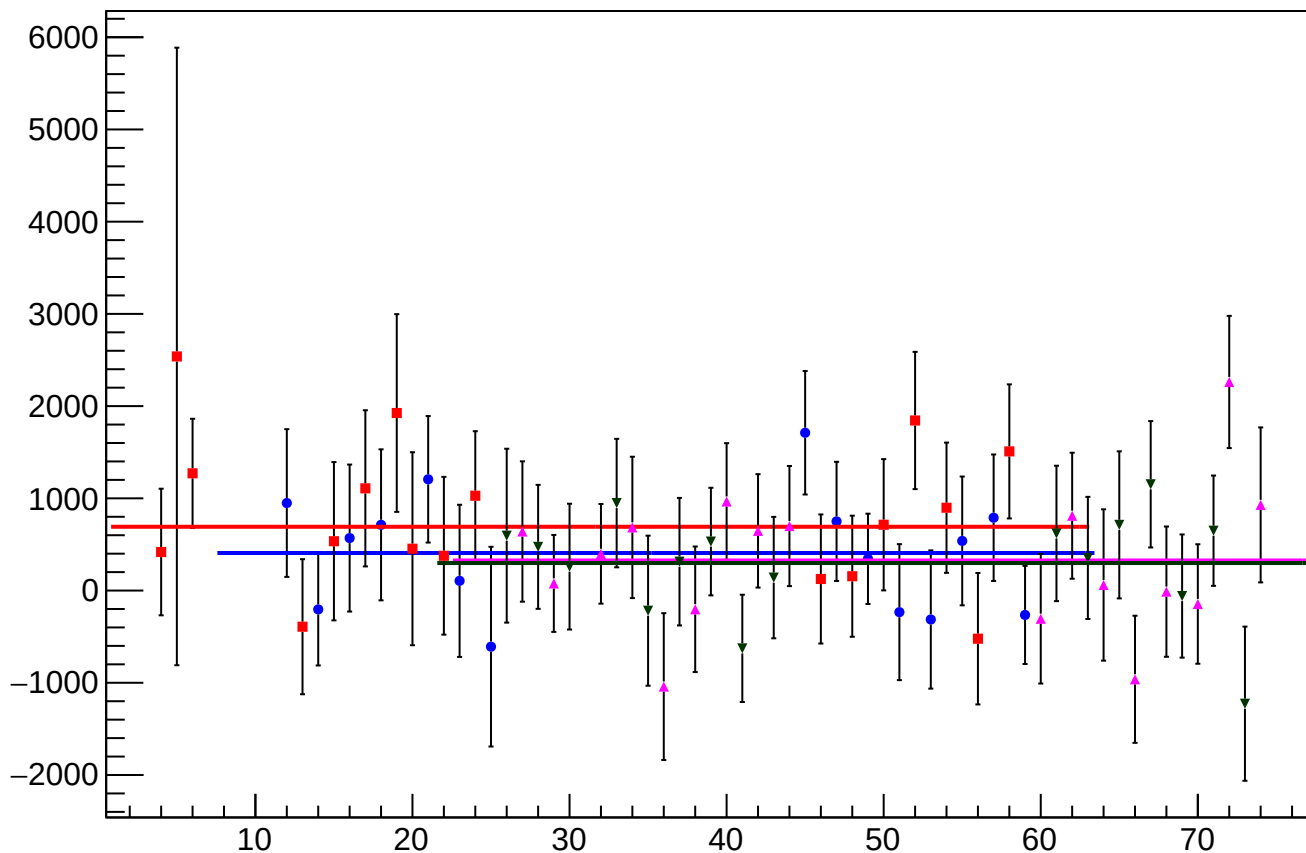
Left Out: 136.692 $\pm$ 0.033 χ^2/NDF : 373876.8/15

Right Out: 142.640 $\pm$ 0.036 χ^2/NDF : 1174059.6/16

Left In: 138.461 $\pm$ 0.032 χ^2/NDF : 735598.5/16

138.463 $\pm$ 0.017 χ^2/NDF : 2319264.6/64

asym_usr_mean vs slug



Right In: 407.221 $\pm$ 177.023 χ^2 /NDF: 11.7/14

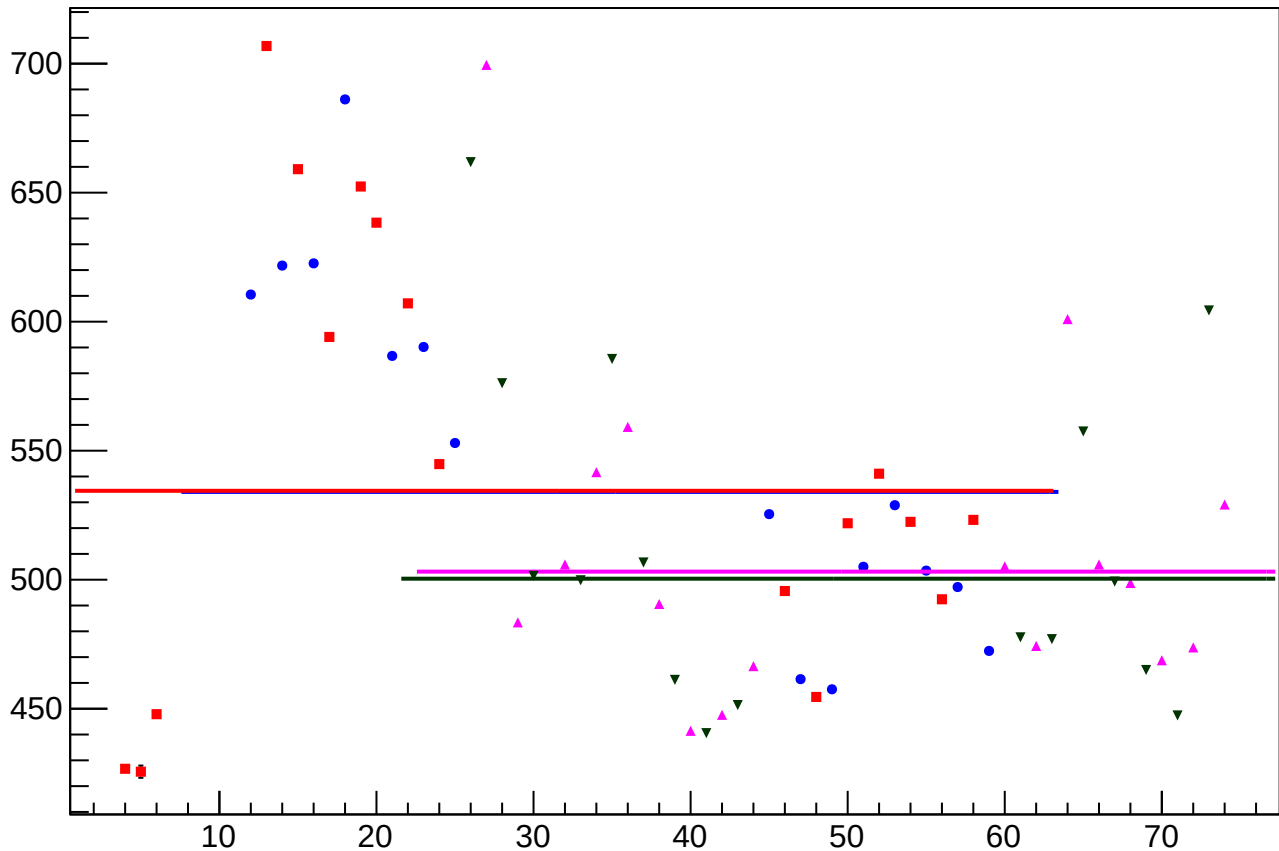
Left Out: 298.458 $\pm$ 172.350 χ^2 /NDF: 10.2/15

Right Out: 691.666 $\pm$ 186.049 χ^2 /NDF: 13.6/16

Left In: 326.068 $\pm$ 163.907 χ^2 /NDF: 19.3/16

418.880 $\pm$ 87.142 χ^2 /NDF: 57.8/64

asym_usr_rms vs slug



Right In: 534.028 $\pm$ 0.125 χ^2 /NDF: 289334.5/14

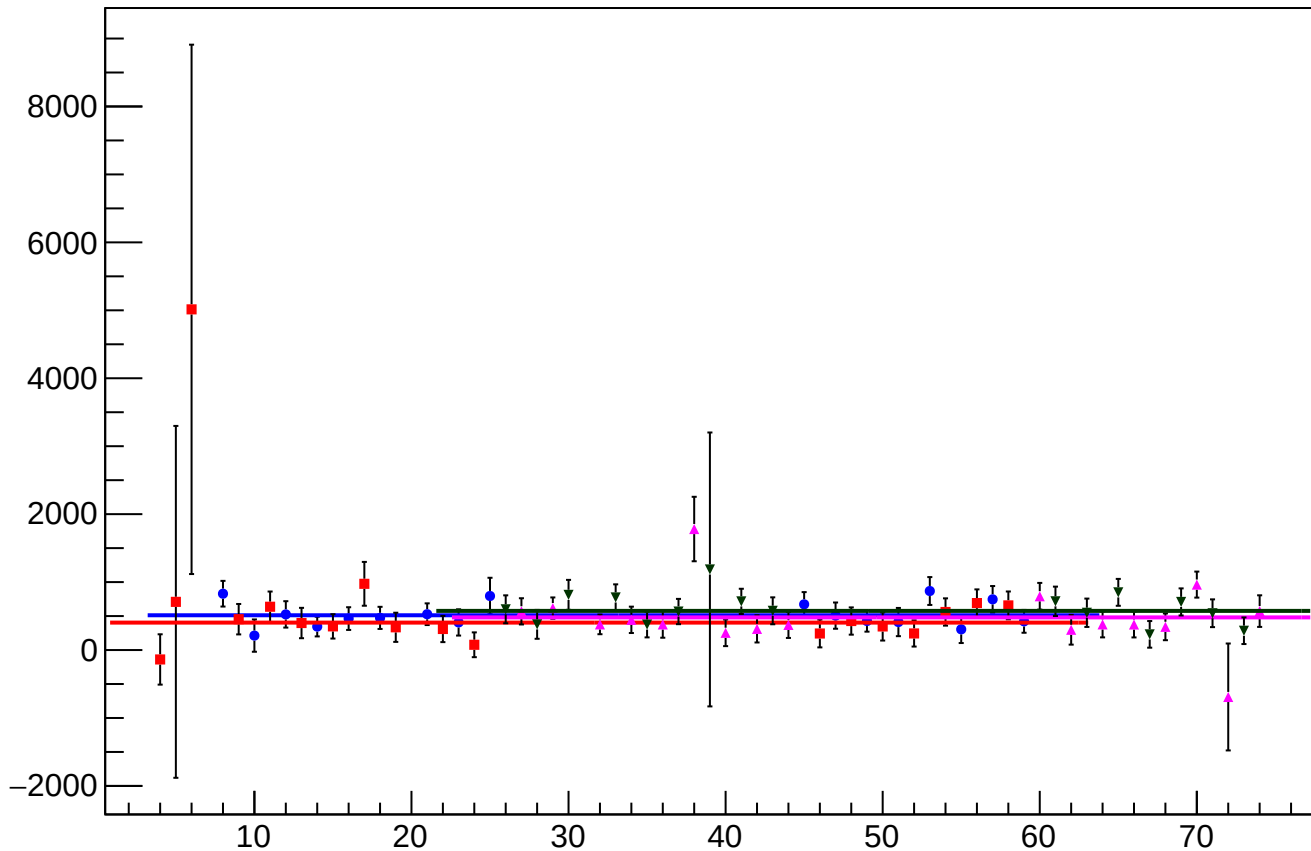
Left Out: 500.393 $\pm$ 0.122 χ^2 /NDF: 214338.4/15

Right Out: 534.458 $\pm$ 0.132 χ^2 /NDF: 360506.2/16

Left In: 503.132 $\pm$ 0.116 χ^2 /NDF: 236431.4/16

516.791 $\pm$ 0.062 χ^2 /NDF: 1169600.8/64

dit_asym_dsl_mean vs slug



Right In: 511.761 $\pm$ 44.504 χ^2 /NDF: 14.4/16

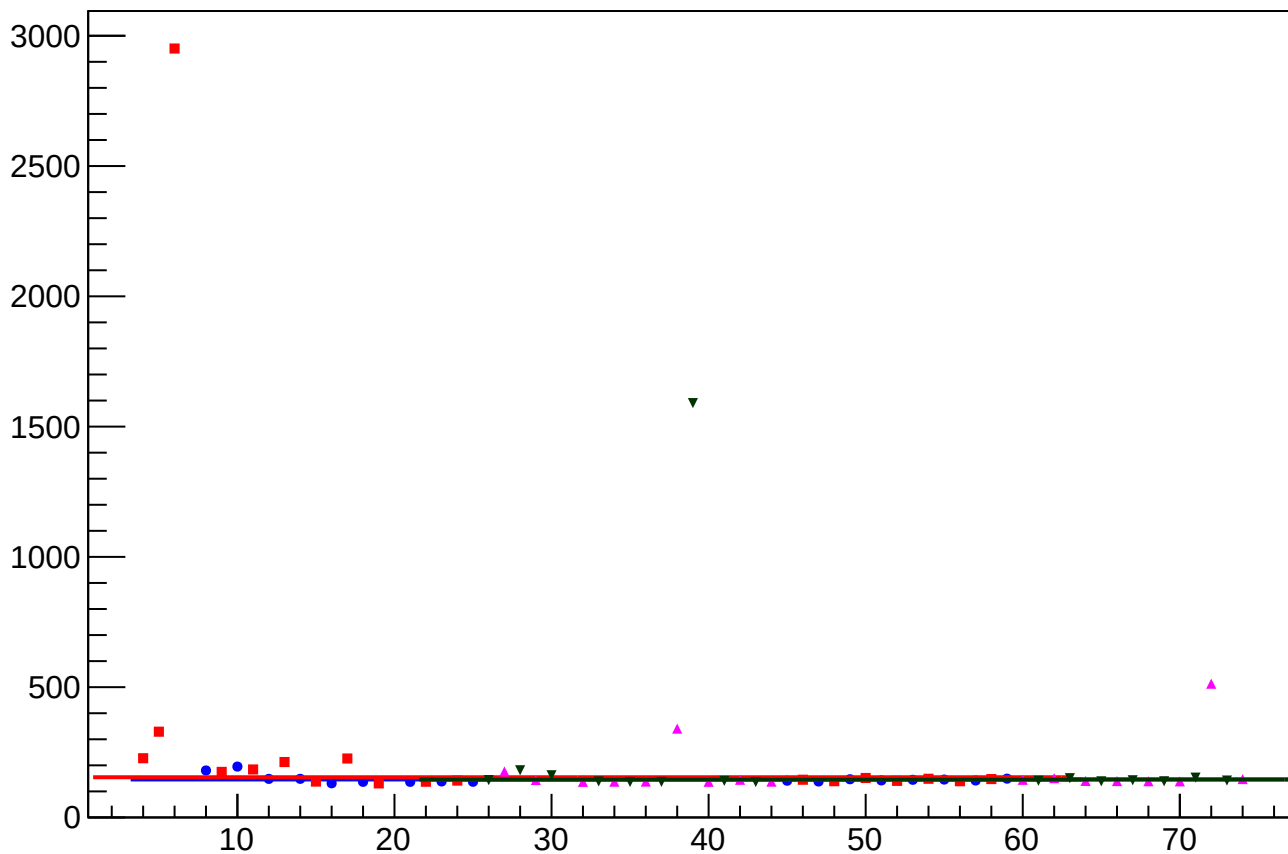
Left Out: 576.130 $\pm$ 51.560 χ^2 /NDF:13.0/15

Right Out: 403.778 $\pm$ 52.780 χ^2 /NDF: 17.0/17

Left In: 480.366 $\pm$ 48.466 χ^2 /NDF:24.7/16

495.003 $\pm$ 24.502 χ^2 /NDF: 74.9/67

dit_asym_dsl_rms vs slug



Right In: 145.855 $\pm$ 0.031 χ^2 /NDF: 194504.3/16

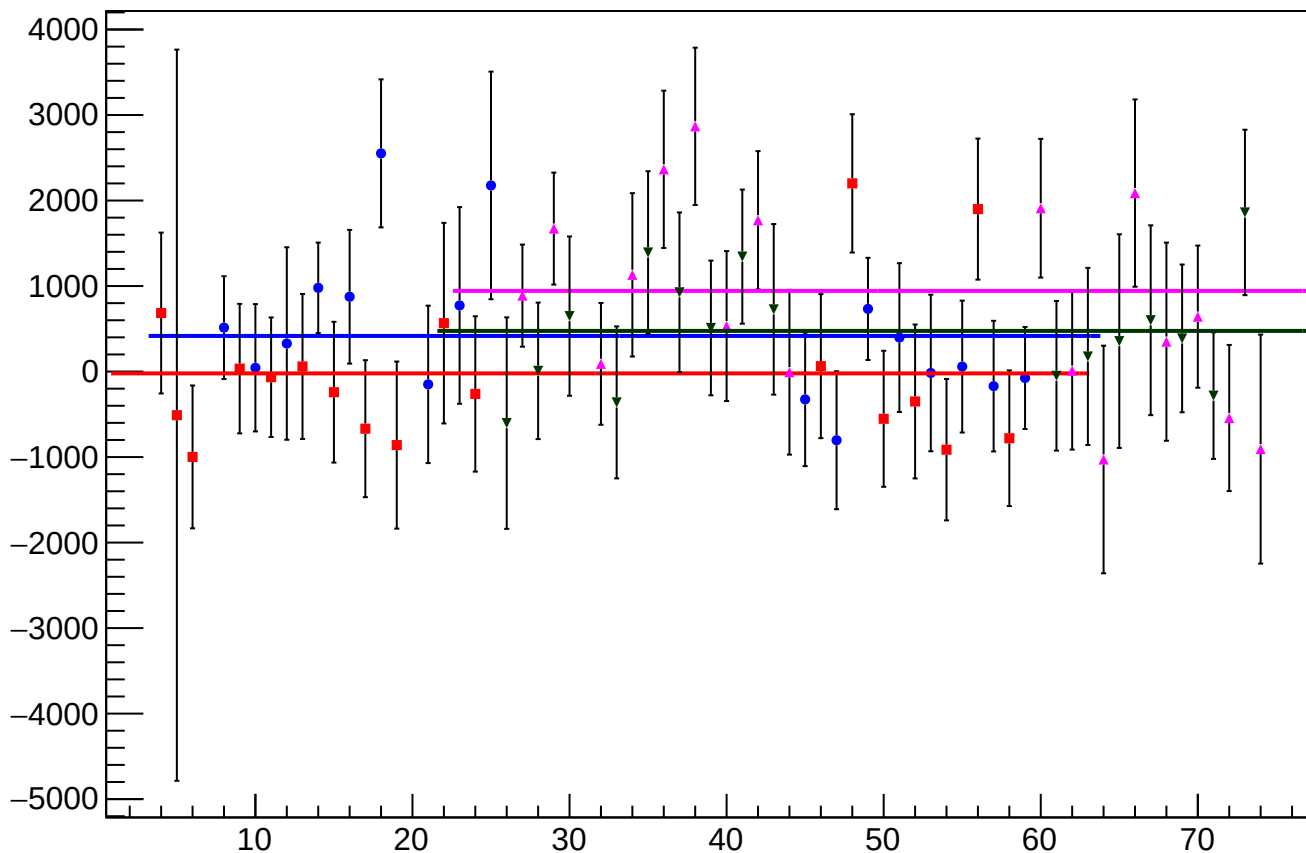
Left Out: 145.489 $\pm$ 0.036 χ^2 /NDF: 1123944.9/15

Right Out: 154.319 $\pm$ 0.037 χ^2 /NDF: 1515392.1/17

Left In: 146.403 $\pm$ 0.034 χ^2 /NDF: 858816.2/16

147.737 $\pm$ 0.017 χ^2 /NDF: 3732657.9/67

asym_dsl_mean vs slug



Right In: 416.366 $\pm$ 185.364 χ^2 /NDF: 15.2/16

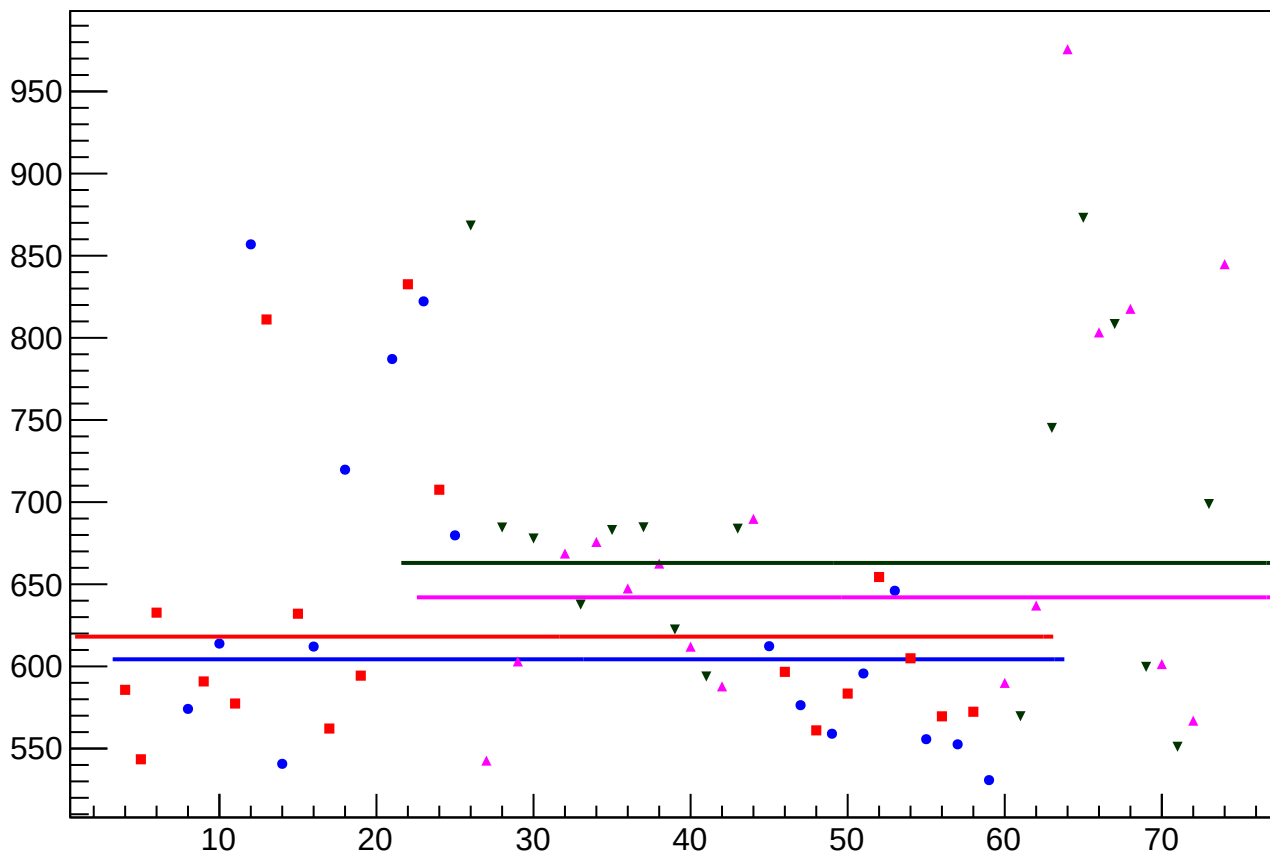
Left Out: 475.453 $\pm$ 229.020 χ^2 /NDF: 8.1/15

Right Out: -21.417 $\pm$ 203.721 χ^2 /NDF: 19.4/17

Left In: 943.159 $\pm$ 209.932 χ^2 /NDF: 22.8/16

443.024 $\pm$ 102.622 χ^2 /NDF: 76.4/67

asym_dsl_rms vs slug



Right In: 604.329+/-0.131 χ^2/NDF : 393893.9/16

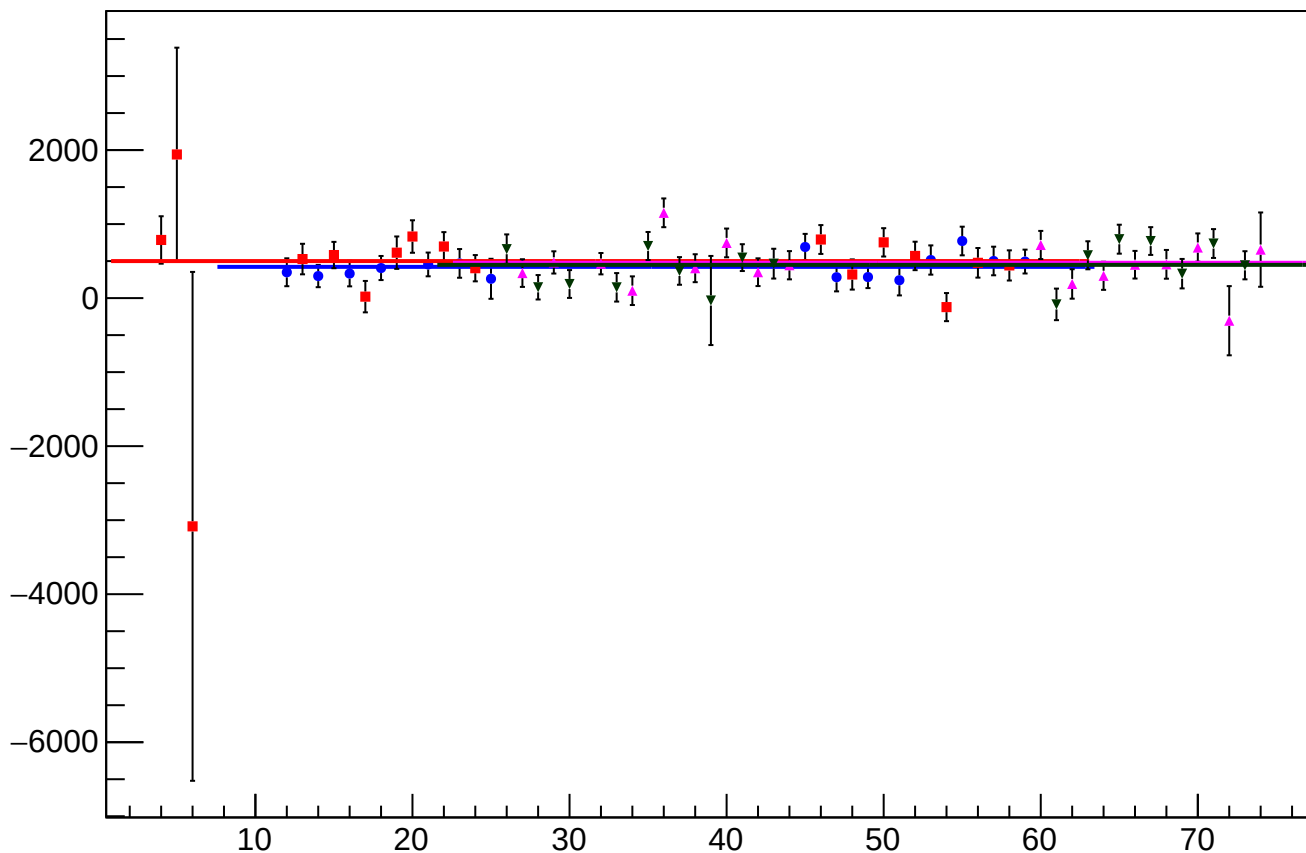
Left Out: 662.987+/-0.162 χ^2/NDF : 267865.8/15

Right Out: 618.124+/-0.144 χ^2/NDF : 246838.2/17

Left In: 642.036+/-0.148 χ^2/NDF : 374553.6/16

628.618+/-0.073 χ^2/NDF : 1376012.2/67

dit_asym_dsr_mean vs slug



Right In: 422.173+/-46.221 χ^2 /NDF: 9.9/14

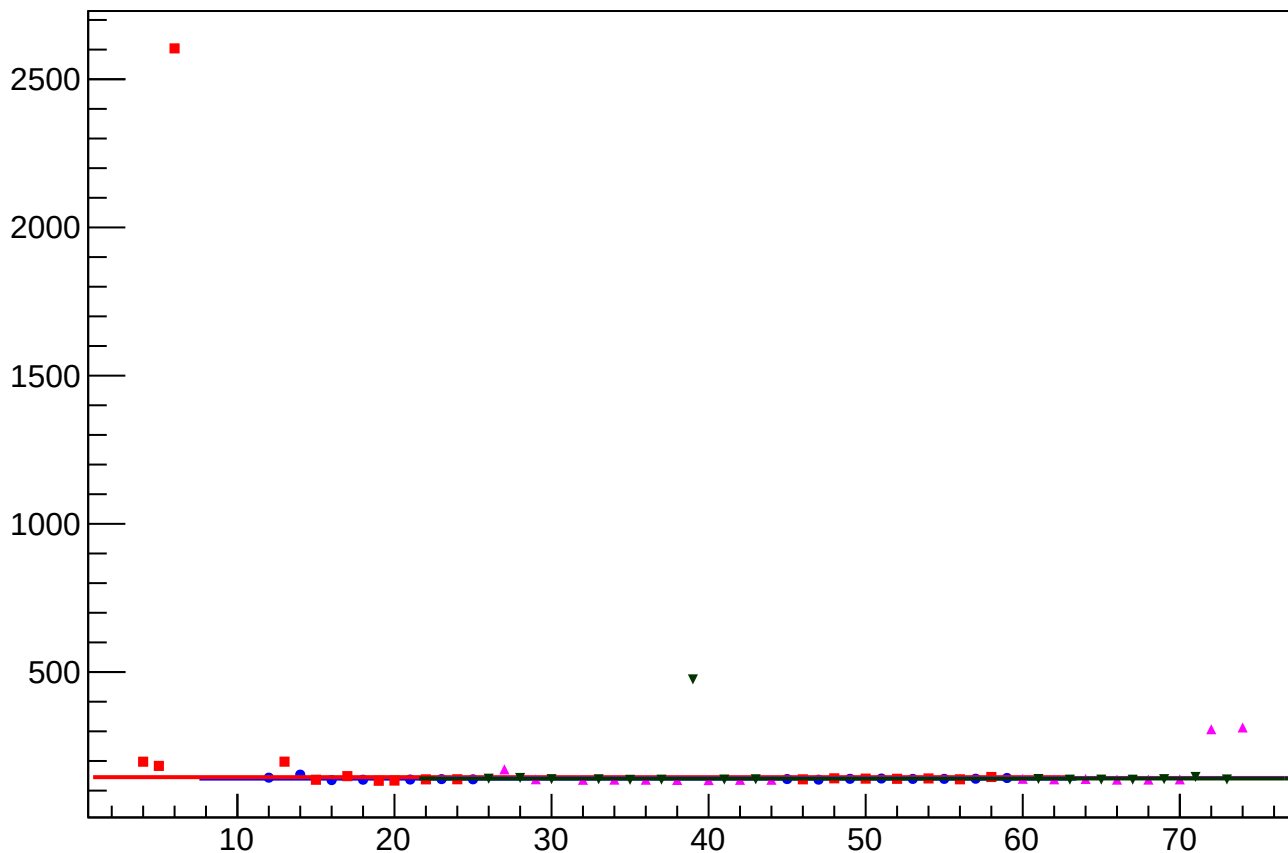
Left Out: 449.212+/-49.066 χ^2 /NDF:27.2/15

Right Out: 500.186+/-52.058 χ^2 /NDF: 27.8/16

Left In: 477.340+/-46.797 χ^2 /NDF:27.6/16

460.328+/-24.189 χ^2 /NDF: 94.0/64

dit_asym_dsr_rms vs slug



Right In: 140.538+/-0.033 χ^2/NDF : 21644.1/14

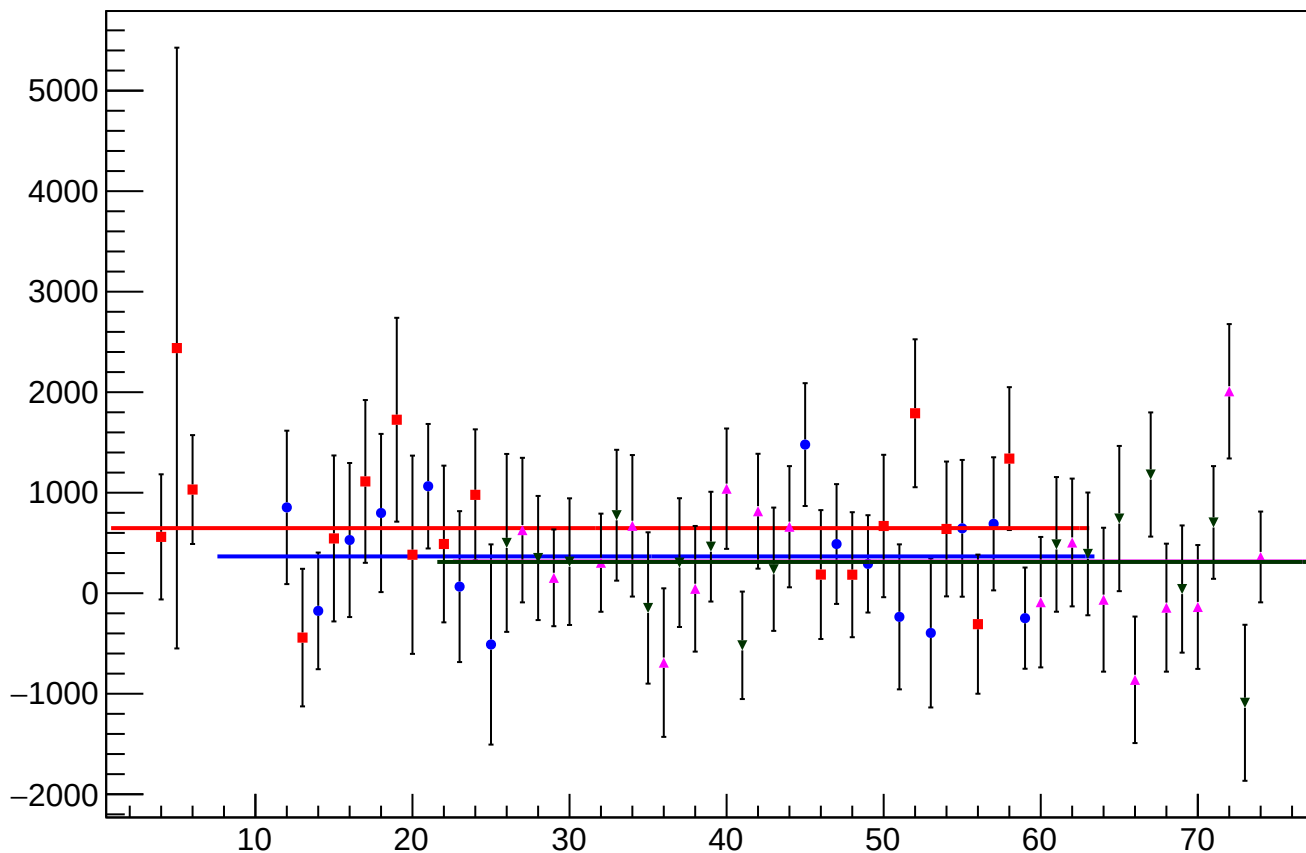
Left Out: 140.955+/-0.035 χ^2/NDF : 626067.6/15

Right Out: 145.380+/-0.037 χ^2/NDF : 1239458.3/16

Left In: 142.769+/-0.033 χ^2/NDF : 551594.7/16

142.281+/-0.017 χ^2/NDF : 2450371.4/64

asym_dsr_mean vs slug



Right In: 366.103 ± 168.362 χ^2/NDF : 10.9/14

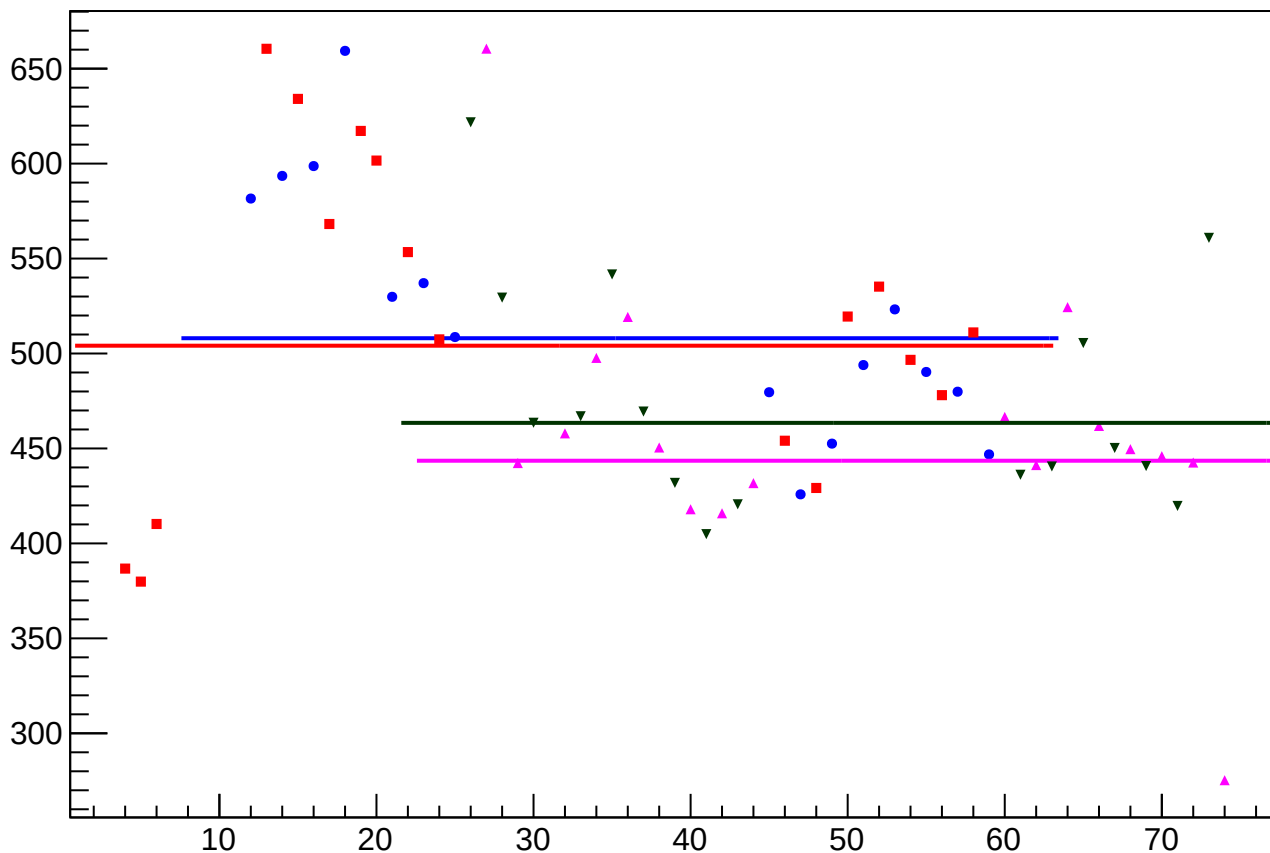
Left Out: 311.146 ± 159.570 χ^2/NDF : 9.8/15

Right Out: 647.595 ± 175.748 χ^2/NDF : 11.6/16

Left In: 315.928 ± 145.829 χ^2/NDF : 16.9/16

395.955 ± 80.595 χ^2/NDF : 51.8/64

asym_dsr_rms vs slug



Right In: 508.047+/-0.119 χ^2/NDF : 274147.3/14

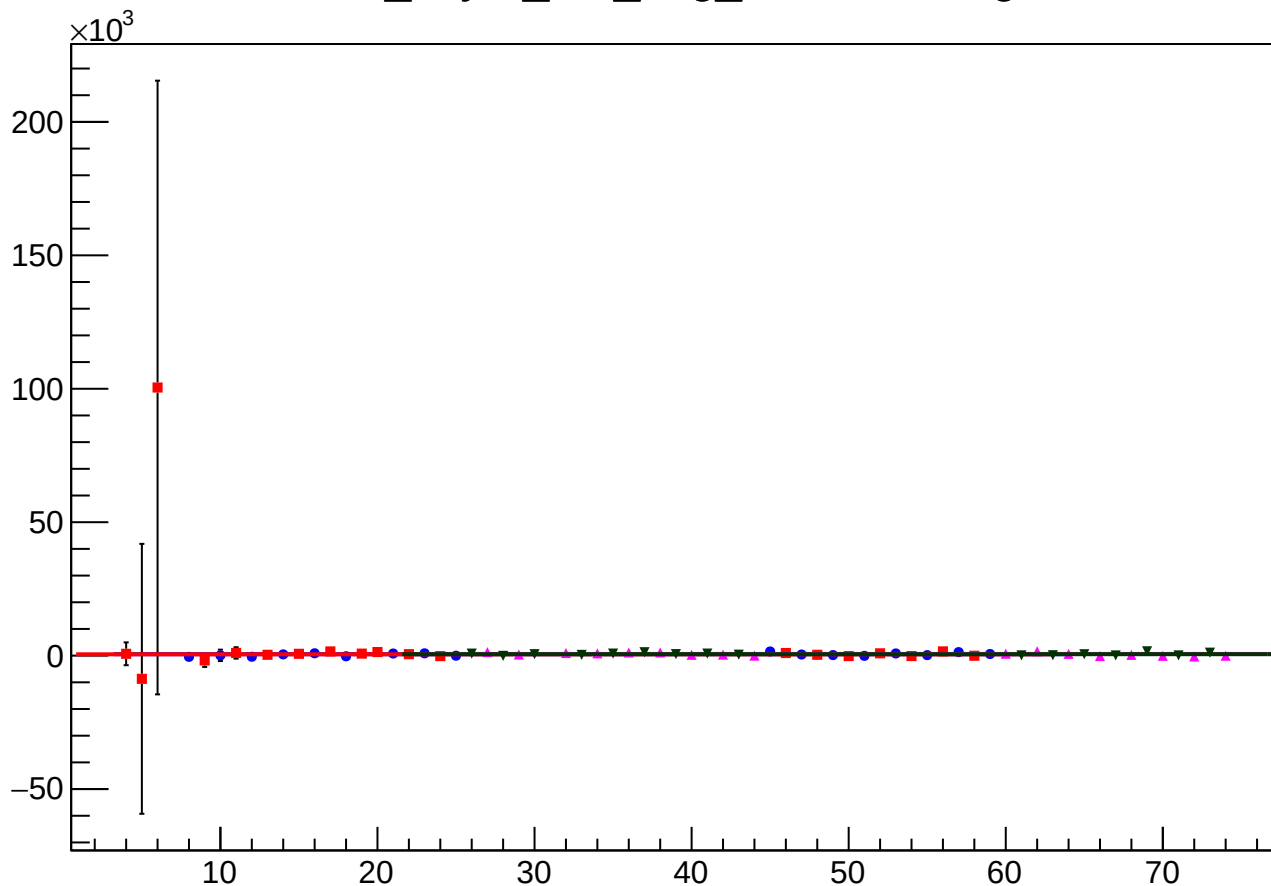
Left Out: 463.474+/-0.113 χ^2/NDF :209153.0/15

Right Out: 504.110+/-0.124 χ^2/NDF : 402549.9/16

Left In: 443.536+/-0.103 χ^2/NDF :533525.3/16

476.144+/-0.057 χ^2/NDF : 1654440.9/64

dit_asym_at1_avg_mean vs slug



Right In: 539.853+/-123.983 χ^2/NDF : 16.4/16

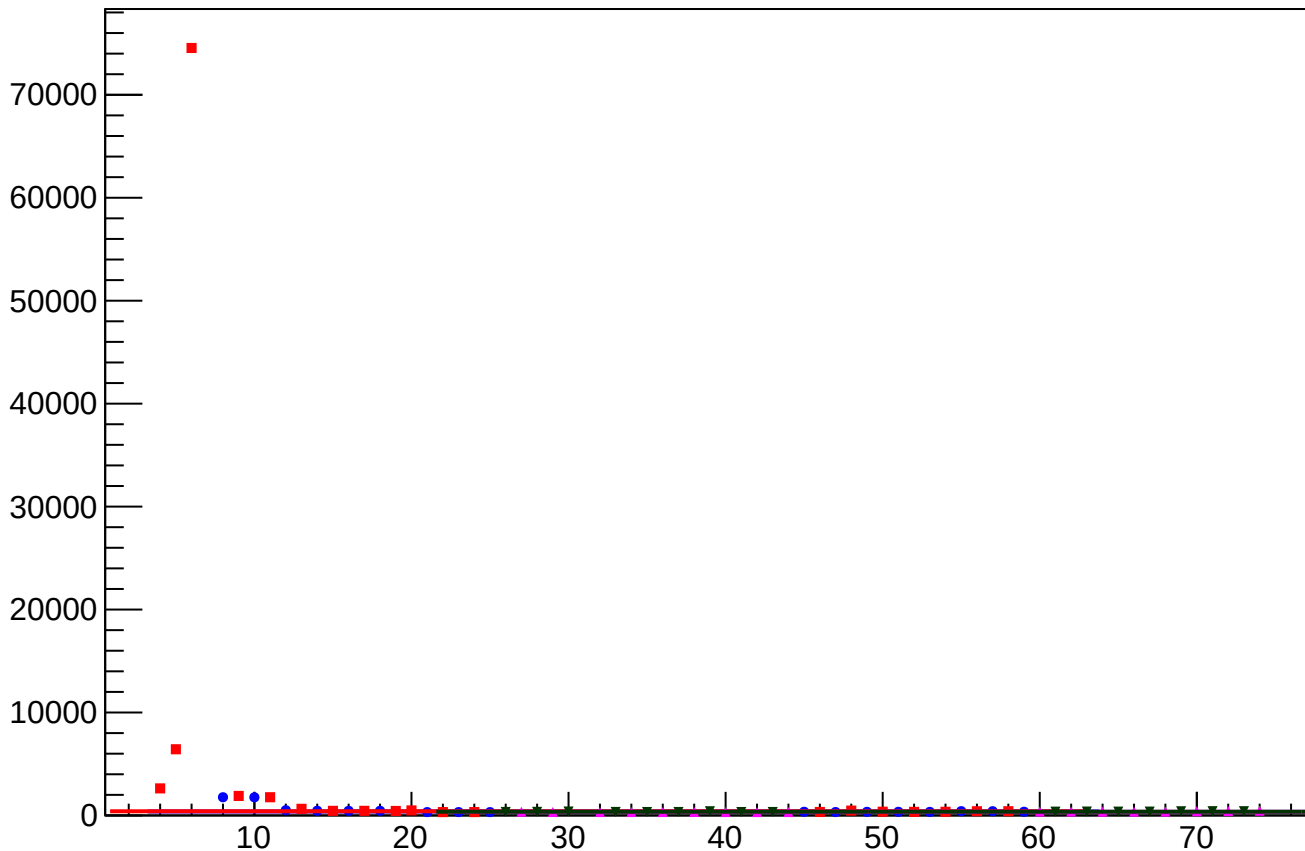
Left Out: 539.629+/-124.144 χ^2/NDF : 13.3/15

Right Out: 499.772+/-145.629 χ^2/NDF : 18.2/18

Left In: 635.328+/-115.318 χ^2/NDF : 20.3/16

560.762+/-62.958 χ^2/NDF : 68.8/68

dit_asym_at1_avg_rms vs slug



Right In: 385.849+/-0.088 χ^2/NDF : 2273707.2/16

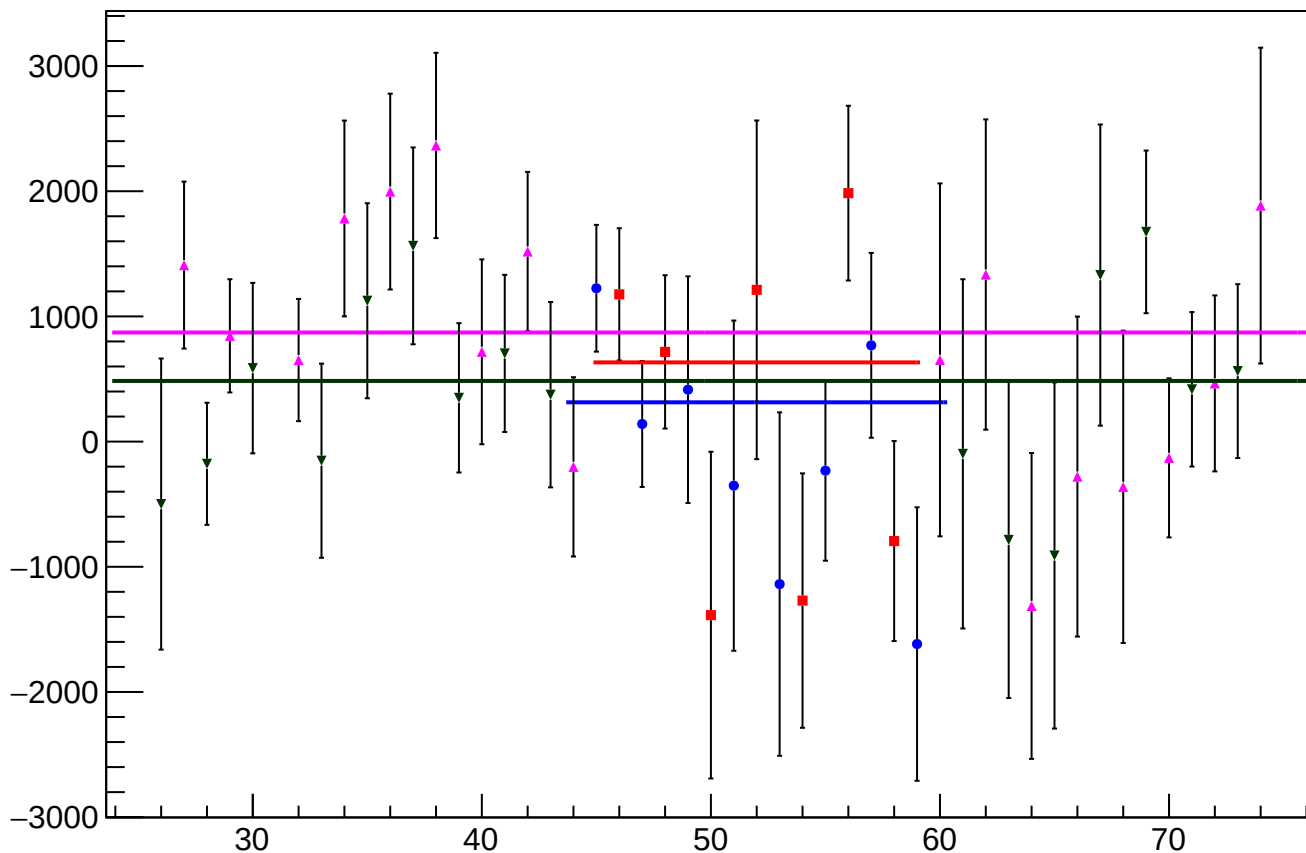
Left Out: 361.969+/-0.088 χ^2/NDF :106856.8/15

374.545+/-0.045 χ^2/NDF : 6509649.9/68

Right Out: 406.464+/-0.103 χ^2/NDF : 3813115.5/18

Left In: 355.601+/-0.082 χ^2/NDF :128770.5/16

asym_at1_avg_mean vs slug



Right In: 313.882 $\pm$ 260.044 χ^2 /NDF: 8.8/7

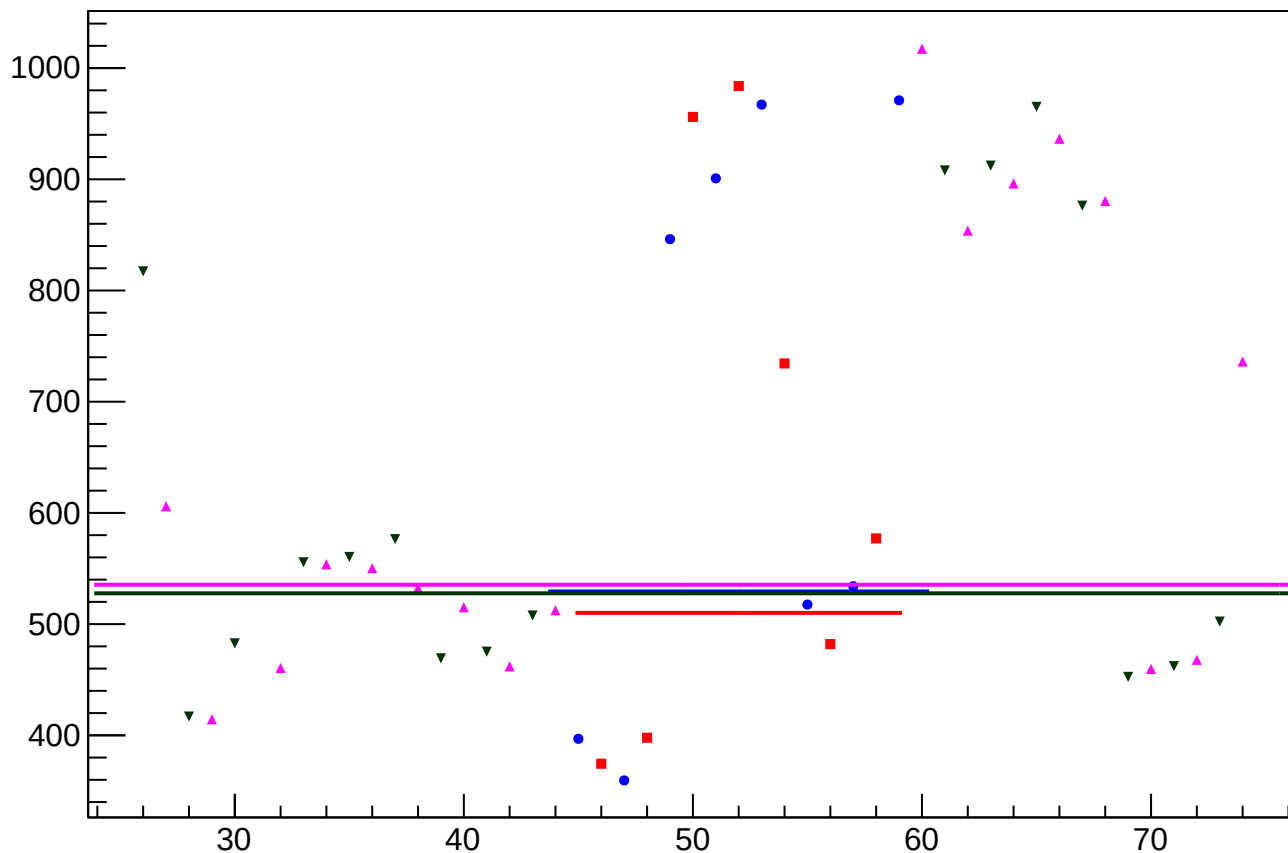
Left Out: 484.533 $\pm$ 186.895 χ^2 /NDF:12.1/15

Right Out: 632.686 $\pm$ 289.020 χ^2 /NDF: 14.1/6

Left In: 871.559 $\pm$ 179.882 χ^2 /NDF:20.3/16

614.450 $\pm$ 107.650 χ^2 /NDF: 59.2/47

asym_at1_avg_rms vs slug



Right In: 529.360+/-0.184 χ^2/NDF : 1300134.4/7

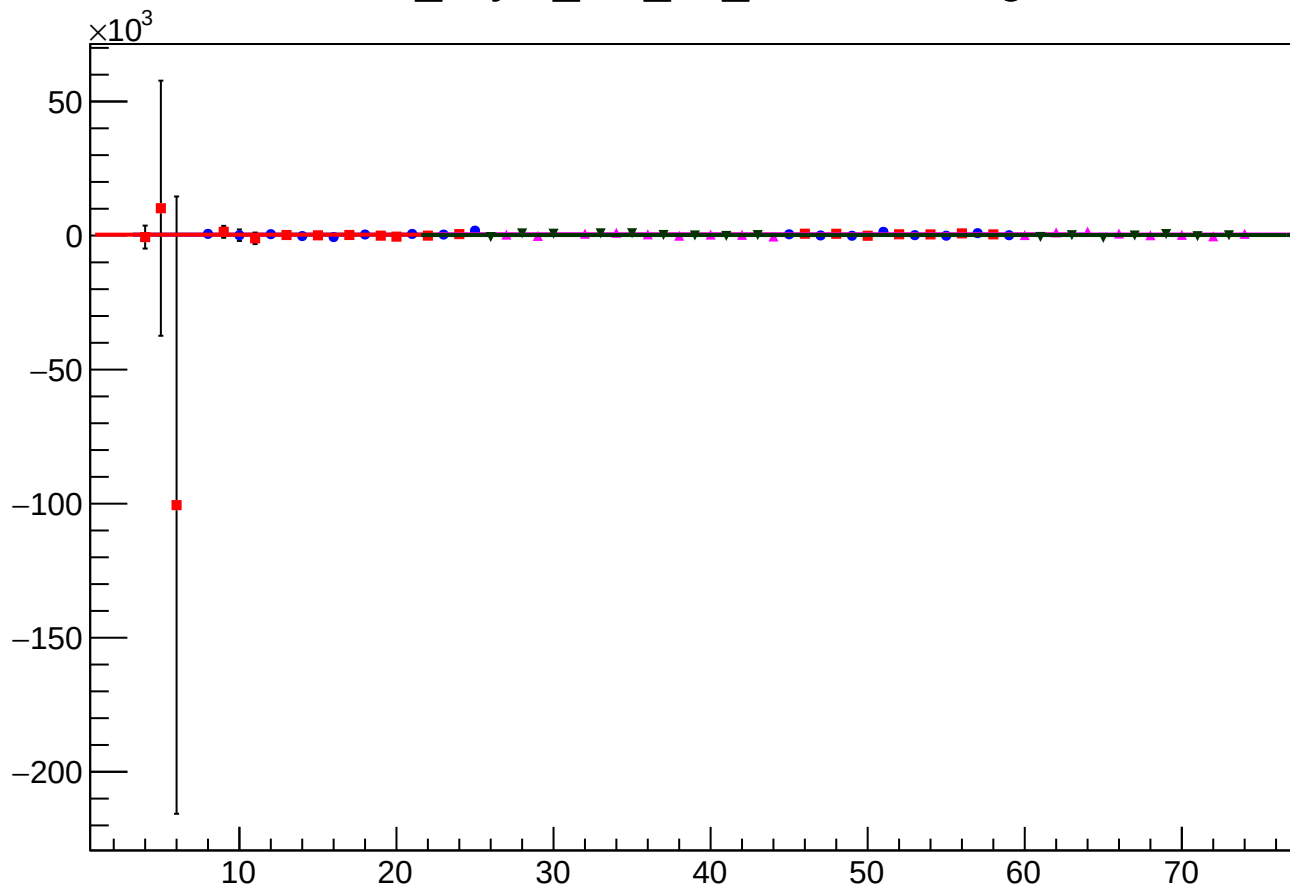
Left Out: 527.700+/-0.132 χ^2/NDF :1038699.2/15

Right Out: 510.096+/-0.204 χ^2/NDF : 792724.1/6

Left In: 535.391+/-0.127 χ^2/NDF :1232439.4/16

528.297+/-0.076 χ^2/NDF : 4375093.0/47

dit_asym_at1_dd_mean vs slug



Right In: 338.170 ± 126.003 χ^2/NDF : 16.8/16

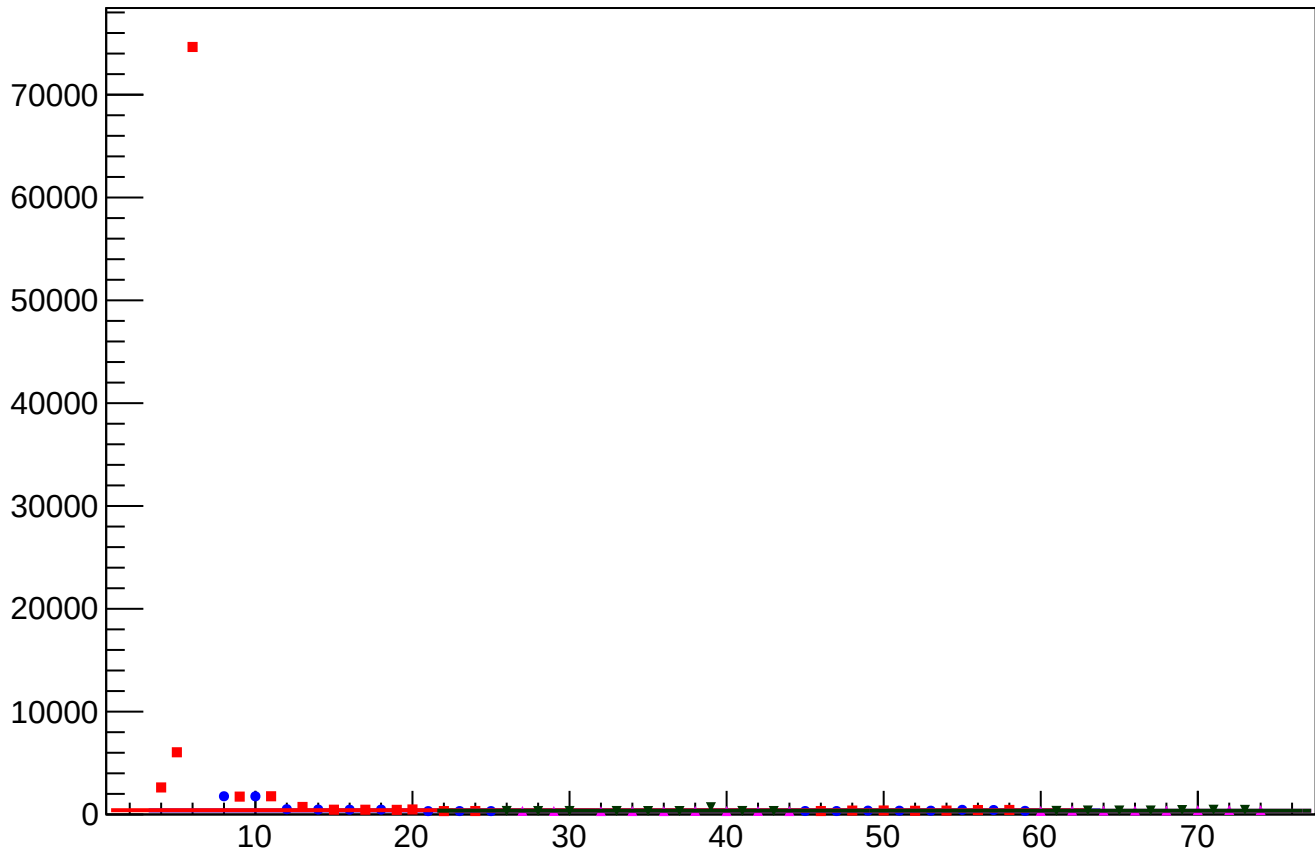
Left Out: 189.128 ± 126.096 χ^2/NDF : 17.5/15

Right Out: 334.606 ± 148.007 χ^2/NDF : 5.9/18

Left In: 400.038 ± 115.475 χ^2/NDF : 16.7/16

318.307 ± 63.690 χ^2/NDF : 58.5/68

dit_asym_at1_dd_rms vs slug



Right In: 391.310+/-0.089 χ^2/NDF : 2354664.0/16

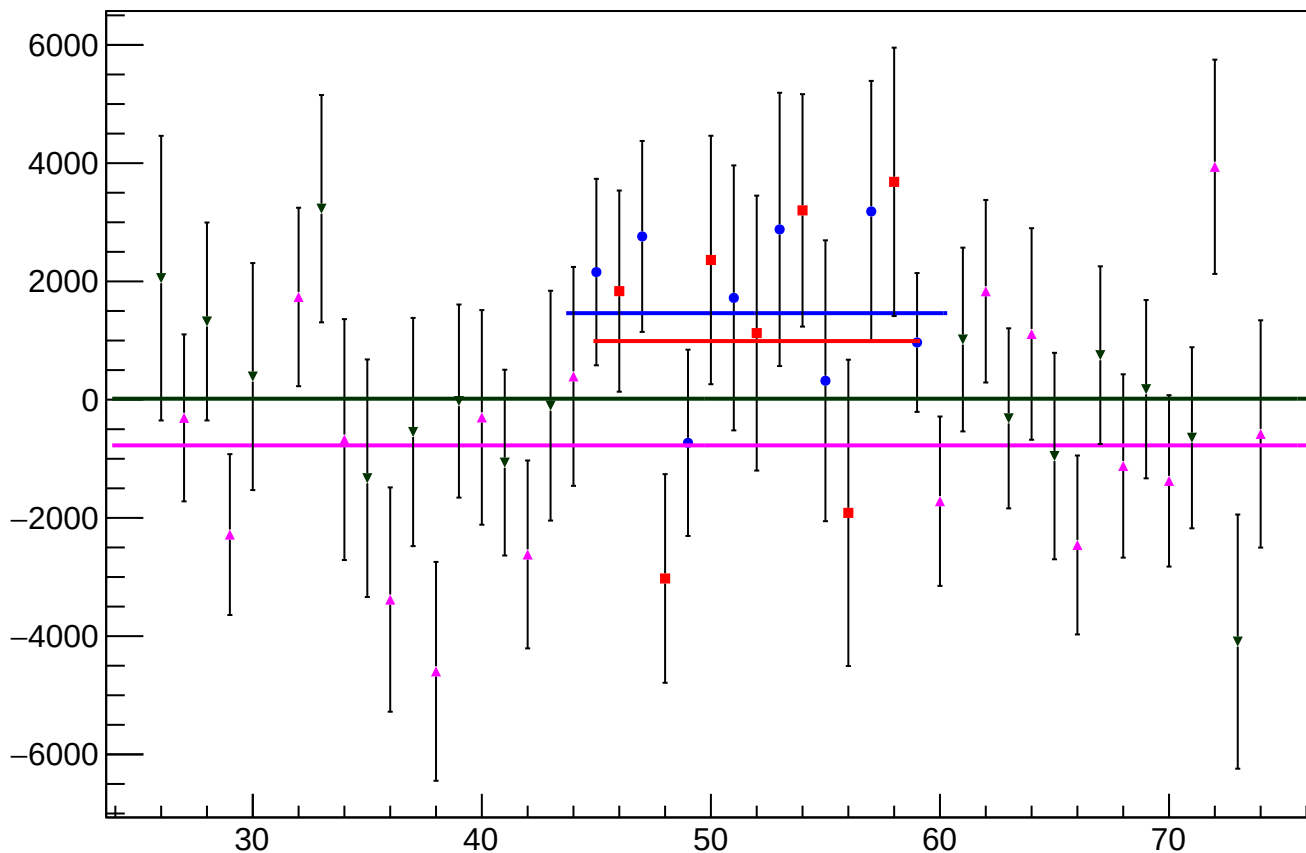
Left Out: 363.855+/-0.089 χ^2/NDF : 471612.1/15

377.562+/-0.045 χ^2/NDF : 7035038.4/68

Right Out: 412.510+/-0.105 χ^2/NDF : 3843484.1/18

Left In: 356.237+/-0.082 χ^2/NDF : 138116.1/16

asym_at1_dd_mean vs slug



Right In: 1462.940 ± 610.556 χ^2/NDF : 4.2/7

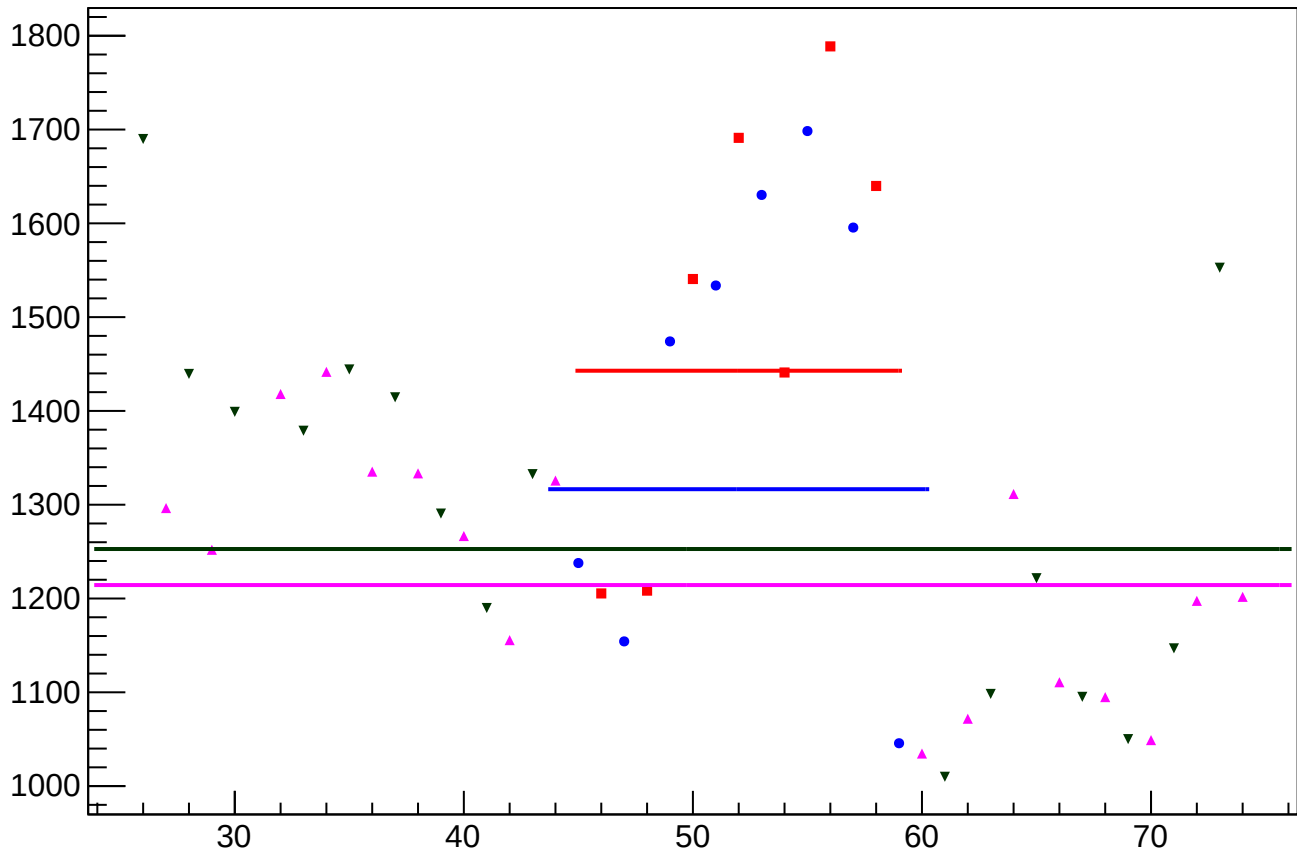
Left Out: 16.143 ± 433.085 χ^2/NDF : 10.0/15

Right Out: 990.614 ± 771.464 χ^2/NDF : 9.8/6

Left In: -773.376 ± 395.100 χ^2/NDF : 24.7/16

44.764 ± 249.220 χ^2/NDF : 59.9/47

asym_at1_dd_rms vs slug



Right In: 1316.539 ± 0.432 χ^2/NDF : 290868.4/7

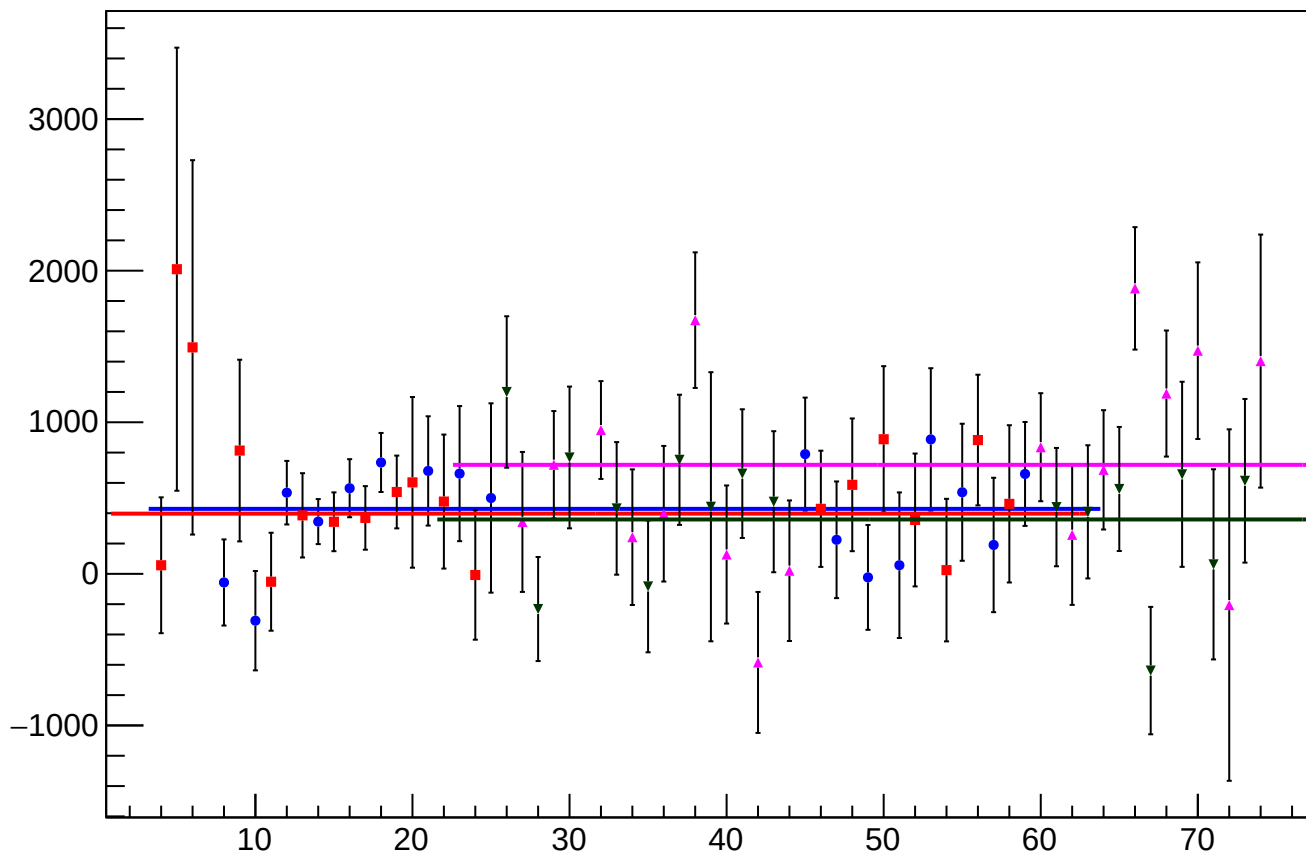
Left Out: 1252.769 ± 0.306 χ^2/NDF : 327636.1/15

Right Out: 1442.862 ± 0.546 χ^2/NDF : 152127.8/6

Left In: 1214.342 ± 0.279 χ^2/NDF : 199582.9/16

1267.942 ± 0.176 χ^2/NDF : 1124968.6/47

dit_asym_at2_avg_mean vs slug



Right In: 428.734 ± 69.279 $\chi^2/\text{NDF}: 17.6/16$

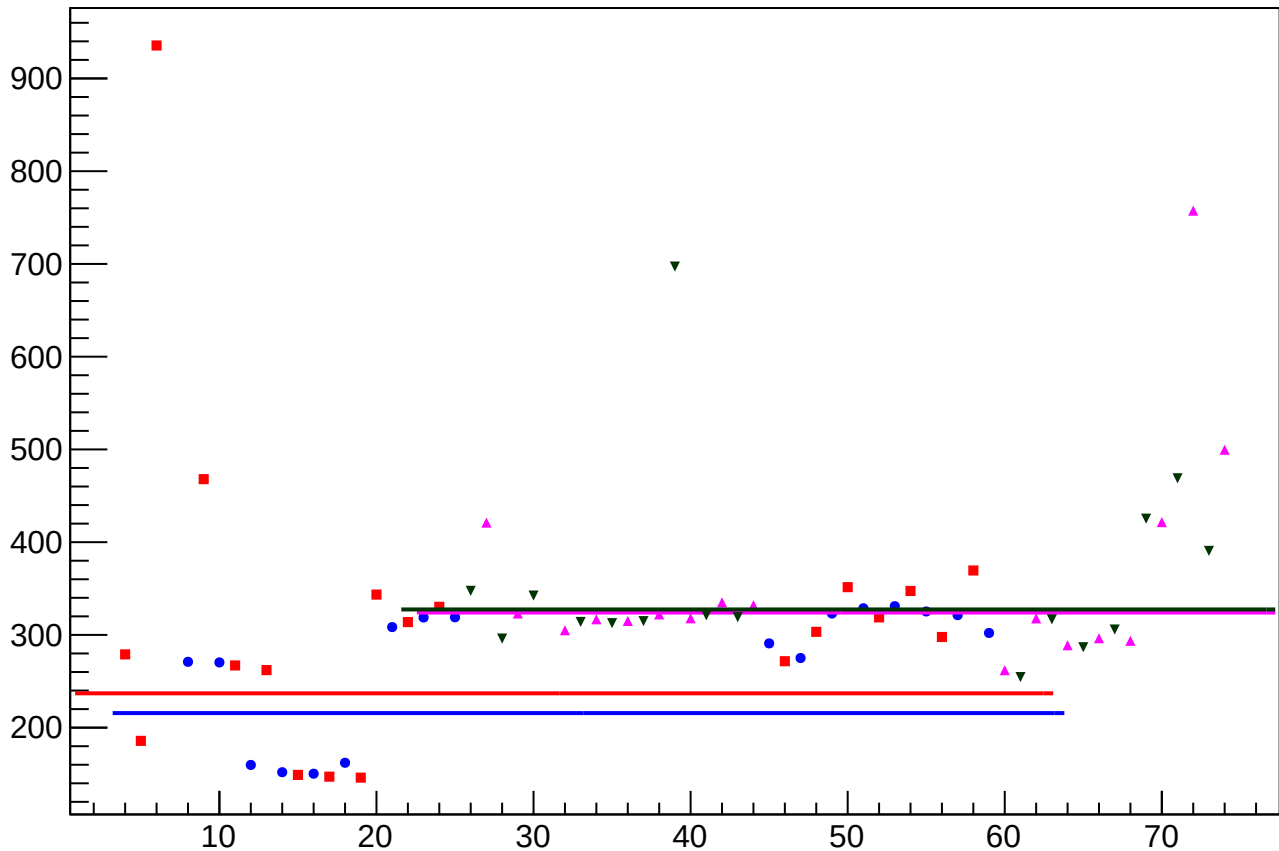
Left Out: 358.856 ± 114.340 $\chi^2/\text{NDF}: 15.7/15$

Right Out: 397.261 ± 82.480 $\chi^2/\text{NDF}: 9.7/18$

Left In: 719.214 ± 106.964 $\chi^2/\text{NDF}: 32.9/16$

458.426 ± 43.885 $\chi^2/\text{NDF}: 83.2/68$

dit_asym_at2_avg_rms vs slug



Right In: 215.697+/-0.049 χ^2/NDF : 2230926.9/16

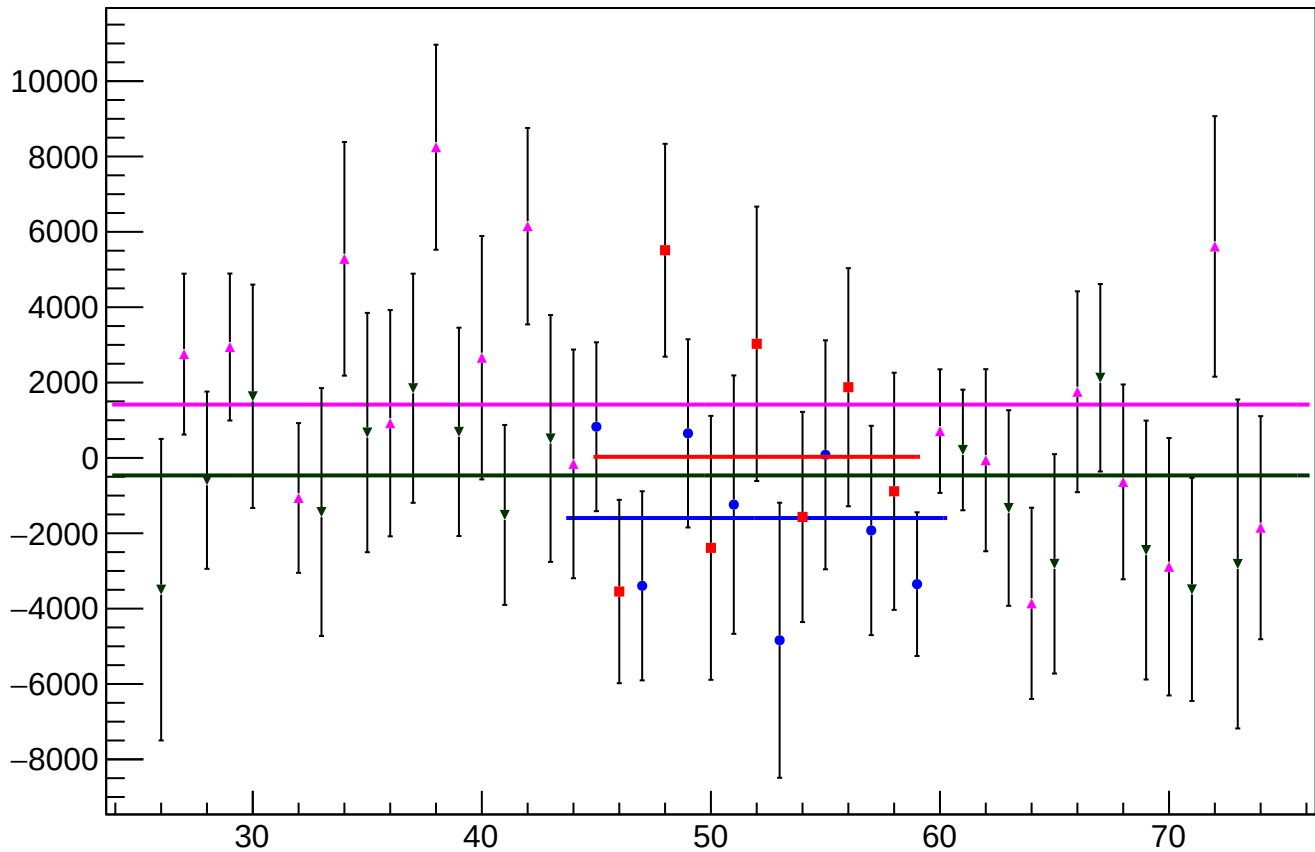
Left Out: 327.458+/-0.081 χ^2/NDF : 652530.4/15

256.446+/-0.031 χ^2/NDF : 8686781.6/68

Right Out: 237.015+/-0.058 χ^2/NDF : 2808388.0/18

Left In: 324.120+/-0.076 χ^2/NDF : 620011.6/16

asym_at2_avg_mean vs slug



Right In: -1595.092 ± 916.185 $\chi^2/\text{NDF}: 4.5/7$

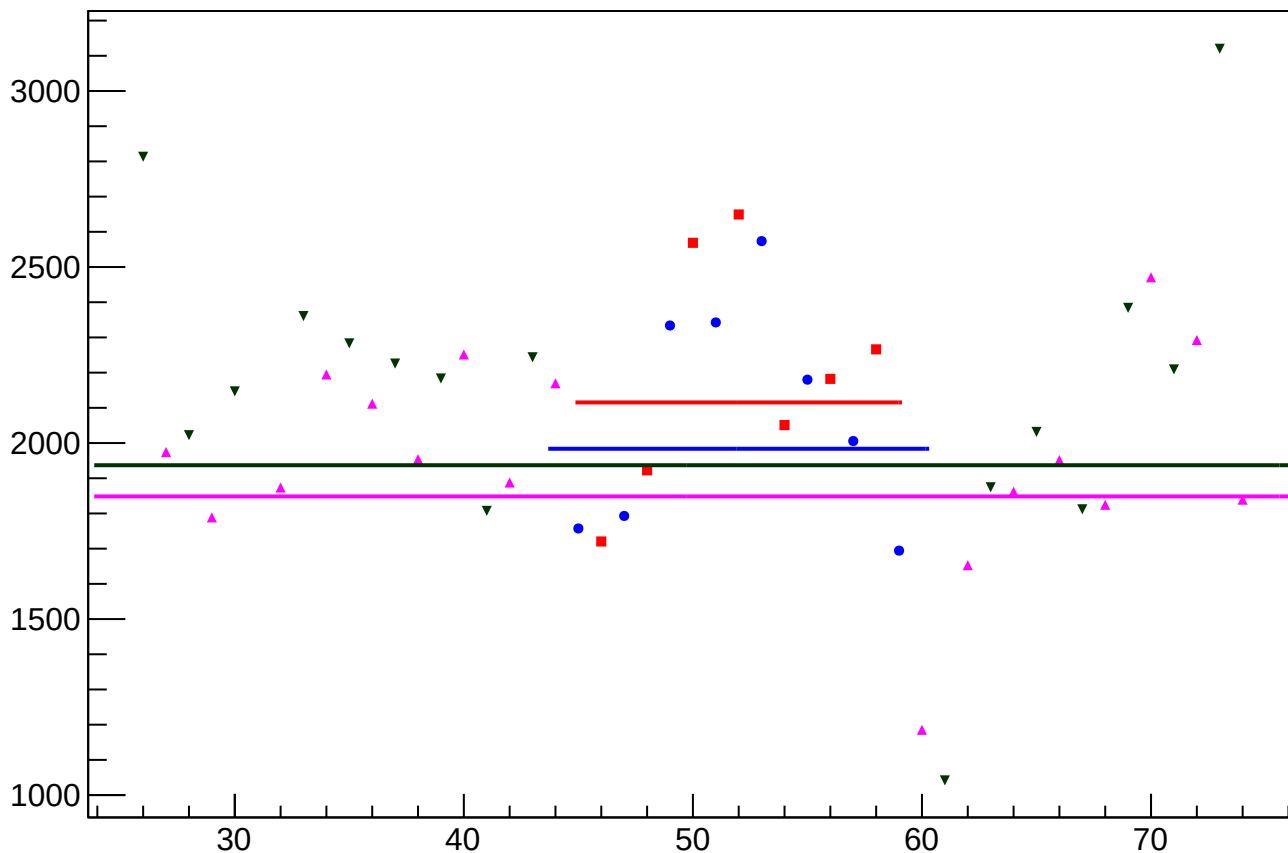
Left Out: -464.842 ± 685.927 $\chi^2/\text{NDF}: 6.0/15$

Right Out: 29.651 ± 1131.729 $\chi^2/\text{NDF}: 7.8/6$

Left In: 1415.349 ± 607.563 $\chi^2/\text{NDF}: 24.0/16$

142.382 ± 383.298 $\chi^2/\text{NDF}: 51.1/47$

asym_at2_avg_rms vs slug



Right In: 1983.788 ± 0.648 χ^2/NDF : 199936.4/7

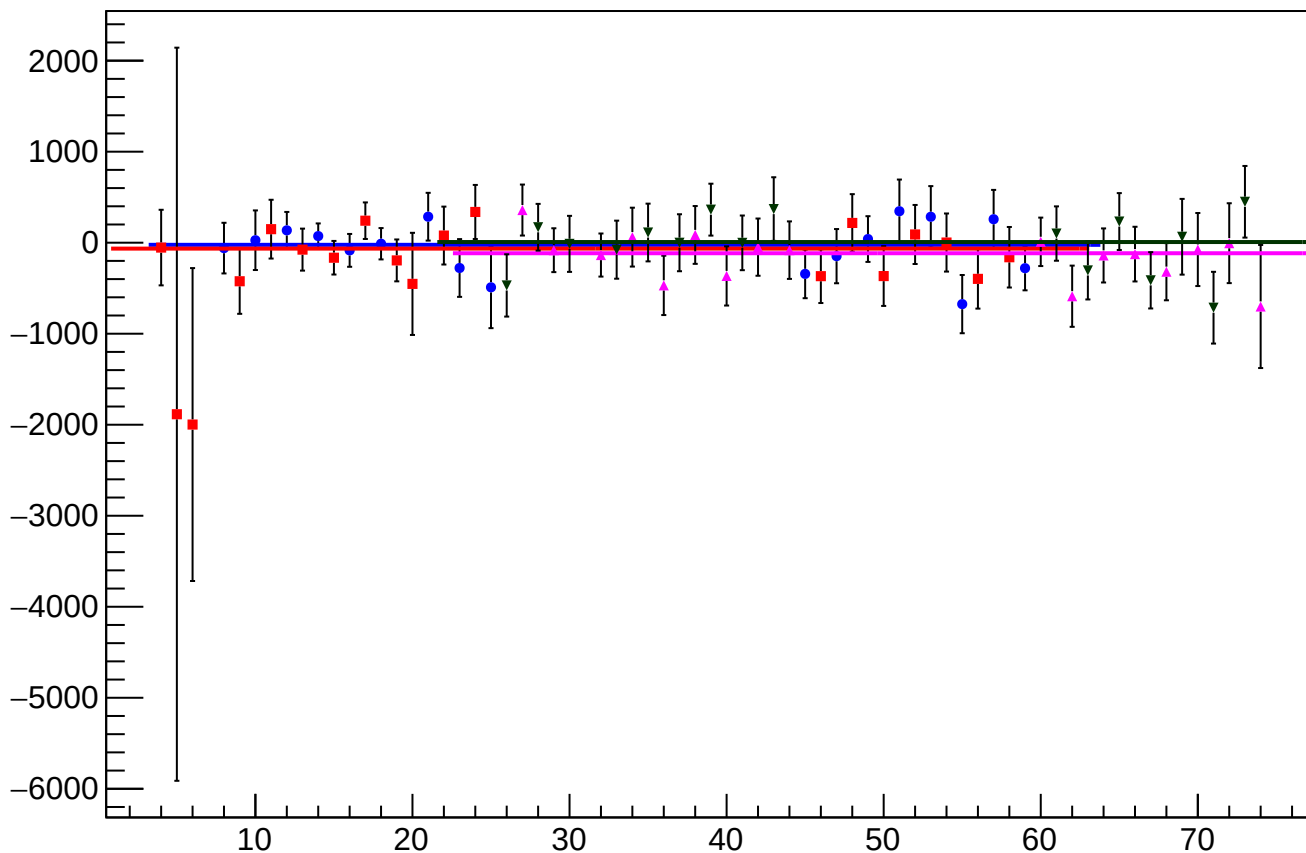
Left Out: 1937.002 ± 0.485 χ^2/NDF : 1054293.2/15

Right Out: 2115.350 ± 0.800 χ^2/NDF : 145063.1/6

Left In: 1848.393 ± 0.430 χ^2/NDF : 549048.7/16

1930.382 ± 0.271 χ^2/NDF : 2045168.9/47

dit_asym_at2_dd_mean vs slug



Right In: -23.399 ± 59.024 χ^2/NDF : 14.0/16

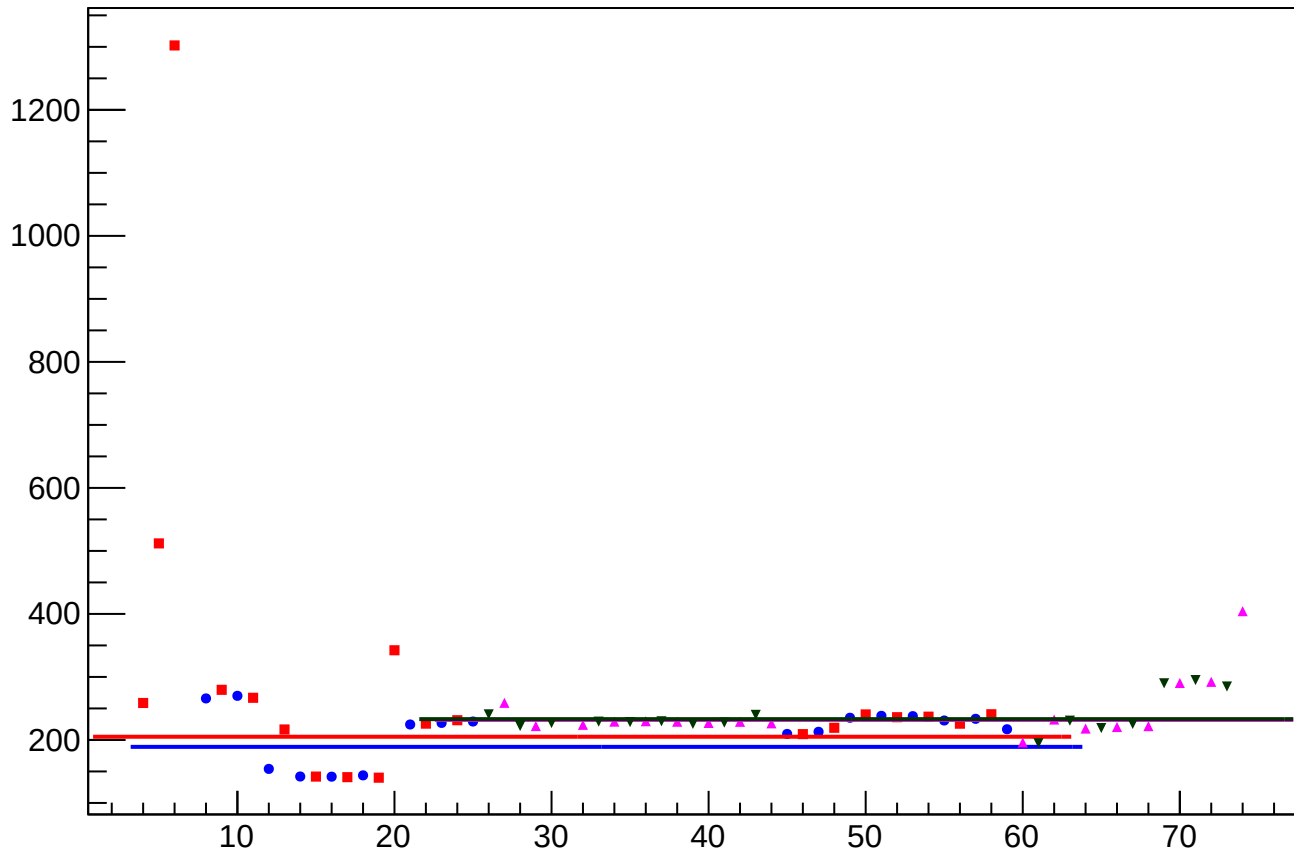
Left Out: 7.275 ± 80.011 χ^2/NDF : 13.2/15

Right Out: -64.950 ± 69.286 χ^2/NDF : 12.5/18

Left In: -115.833 ± 75.511 χ^2/NDF : 8.9/16

-47.675 ± 34.775 χ^2/NDF : 50.1/68

dit_asym_at2_dd_rms vs slug



Right In: 189.020 $\pm$ 0.042 χ^2 /NDF: 1194772.2/16

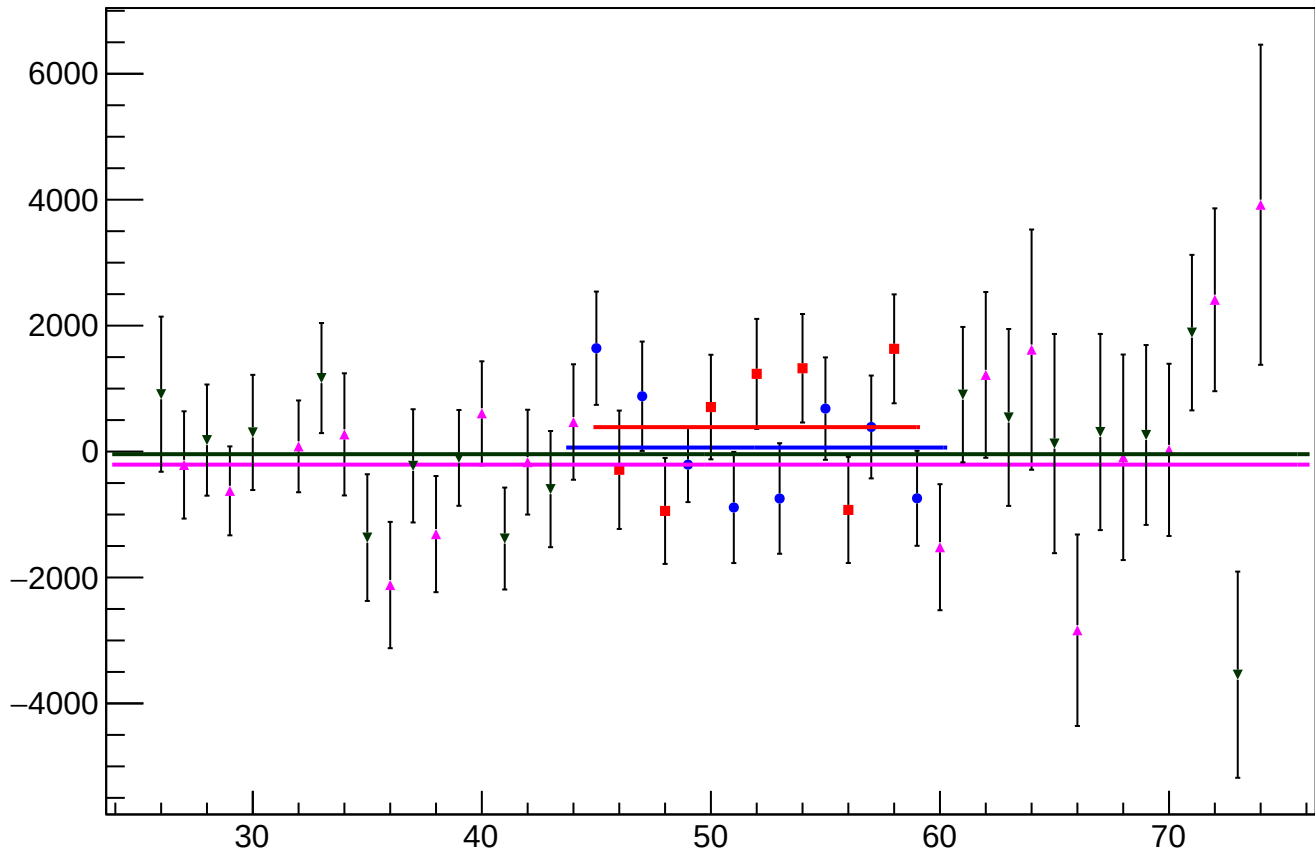
Left Out: 233.005 $\pm$ 0.057 χ^2 /NDF: 168901.9/15

210.459 $\pm$ 0.025 χ^2 /NDF: 4104516.4/68

Right Out: 205.085 $\pm$ 0.049 χ^2 /NDF: 1863706.2/18

Left In: 231.850 $\pm$ 0.053 χ^2 /NDF: 281919.9/16

asym_at2_dd_mean vs slug



Right In: 63.787 ± 280.167 $\chi^2/\text{NDF}: 8.1/7$

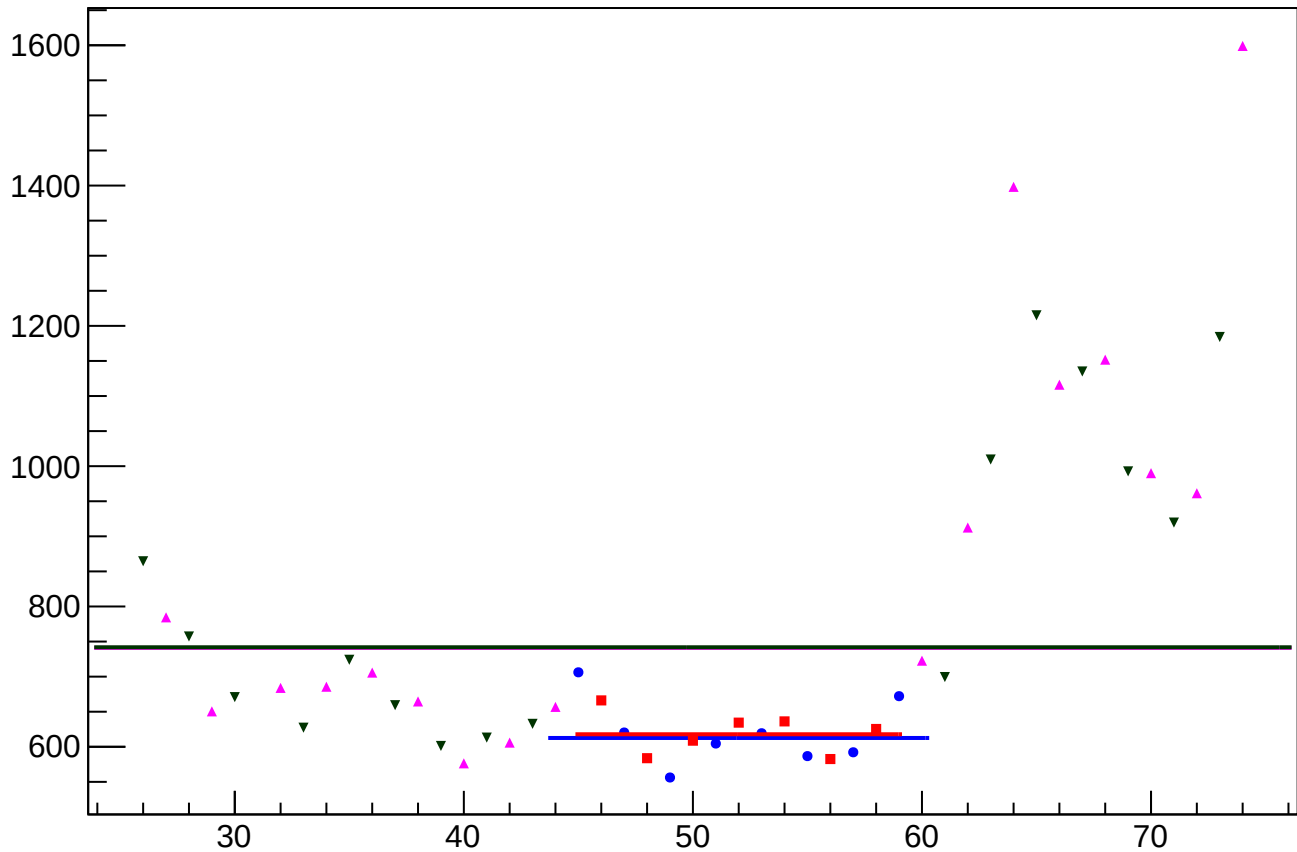
Left Out: -41.700 ± 260.533 $\chi^2/\text{NDF}: 15.7/15$

8.226 ± 136.990 $\chi^2/\text{NDF}: 55.8/47$

Right Out: 387.951 ± 326.190 $\chi^2/\text{NDF}: 9.8/6$

Left In: -207.491 ± 246.812 $\chi^2/\text{NDF}: 20.1/16$

asym_at2_dd_rms vs slug



Right In: 612.572 $\pm$ 0.198 χ^2 /NDF: 55780.3/7

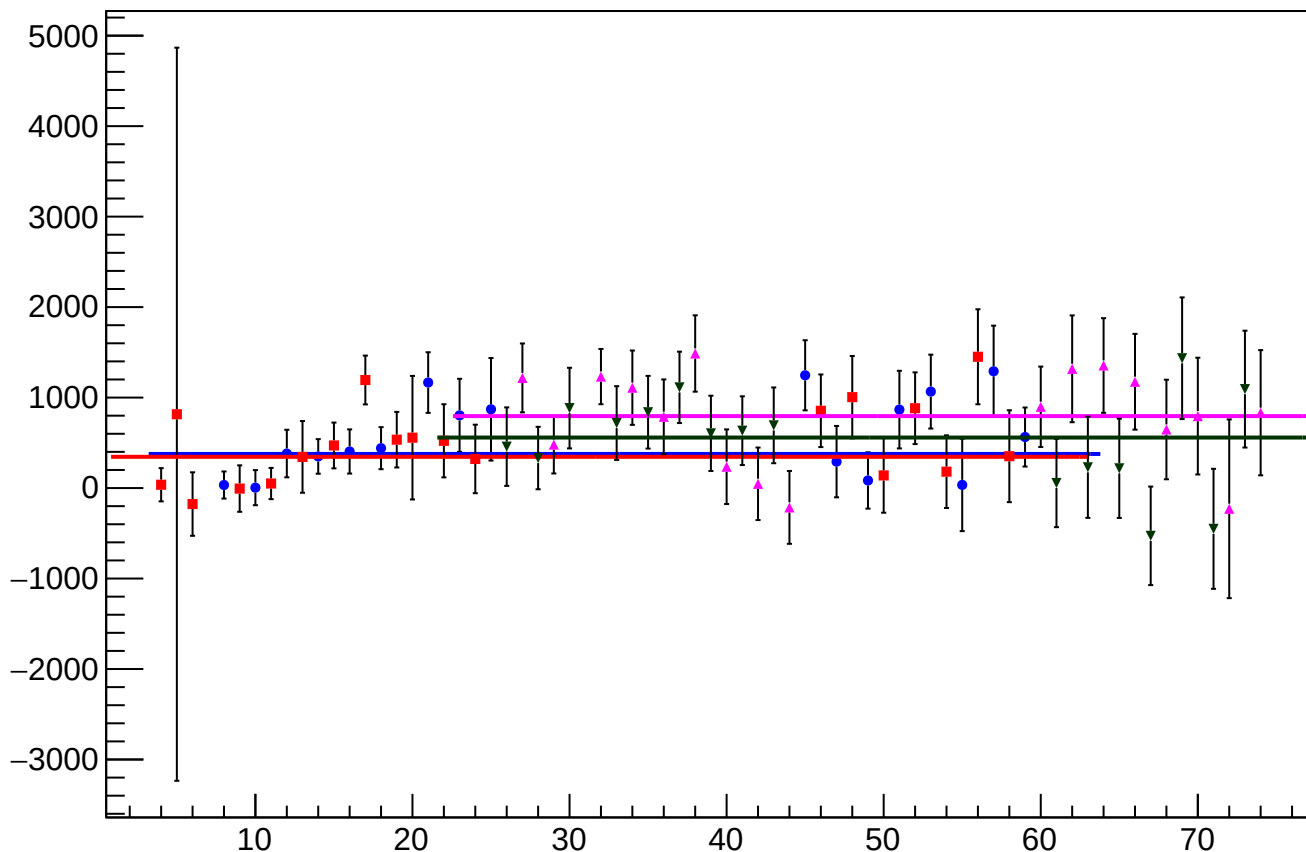
Left Out: 741.827 $\pm$ 0.184 χ^2 /NDF: 831228.7/15

Right Out: 617.858 $\pm$ 0.231 χ^2 /NDF: 14091.3/6

Left In: 740.984 $\pm$ 0.175 χ^2 /NDF: 1082577.5/16

688.799 $\pm$ 0.097 χ^2 /NDF: 2398589.2/47

dit_asym_atl_avg_mean vs slug



Right In: 377.010 $\pm$ 67.655 χ^2 /NDF: 30.7/16

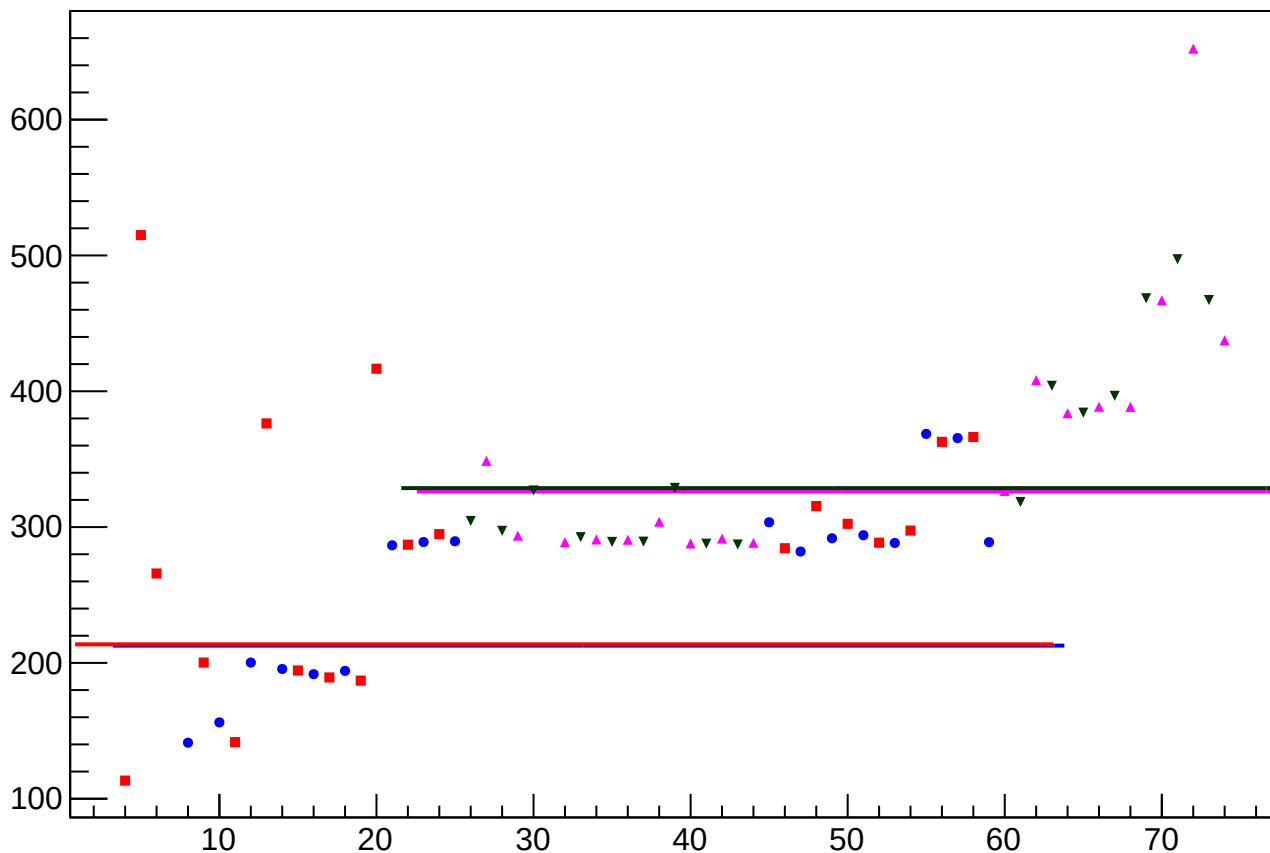
Left Out: 558.332 $\pm$ 114.121 χ^2 /NDF:14.3/15

Right Out: 345.274 $\pm$ 73.506 χ^2 /NDF: 31.1/18

Left In: 795.268 $\pm$ 107.152 χ^2 /NDF:22.8/16

455.394 $\pm$ 41.980 χ^2 /NDF: 113.2/68

dit_asym_atl_avg_rms vs slug



Right In: 212.743+/-0.048 χ^2/NDF : 1798759.4/16

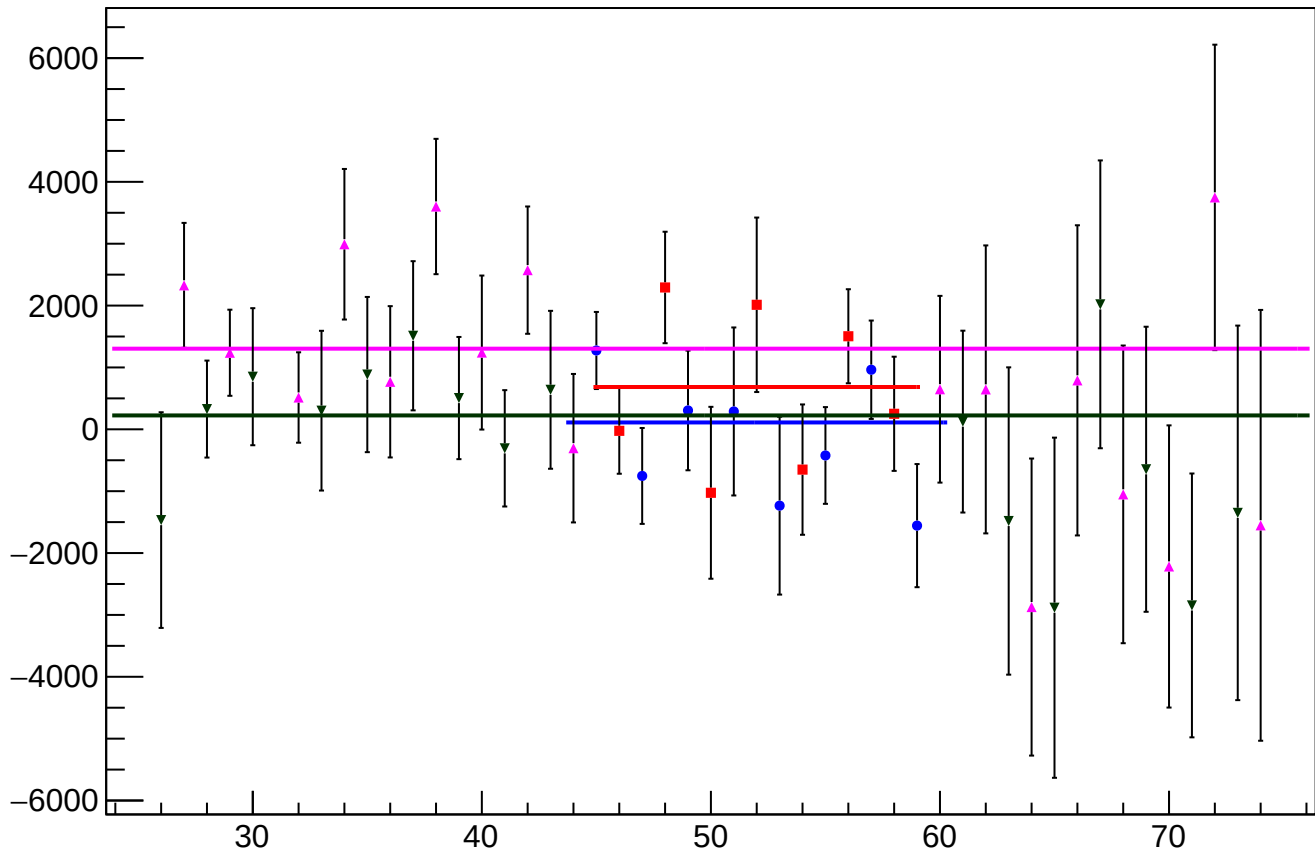
Left Out: 328.691+/-0.081 χ^2/NDF : 517366.8/15

246.154+/-0.030 χ^2/NDF : 8456443.5/68

Right Out: 213.664+/-0.052 χ^2/NDF : 2474605.2/18

Left In: 326.243+/-0.076 χ^2/NDF : 623745.2/16

asym_atl_avg_mean vs slug



Right In: 110.946 $\pm$ 307.700 χ^2 /NDF: 10.1/7

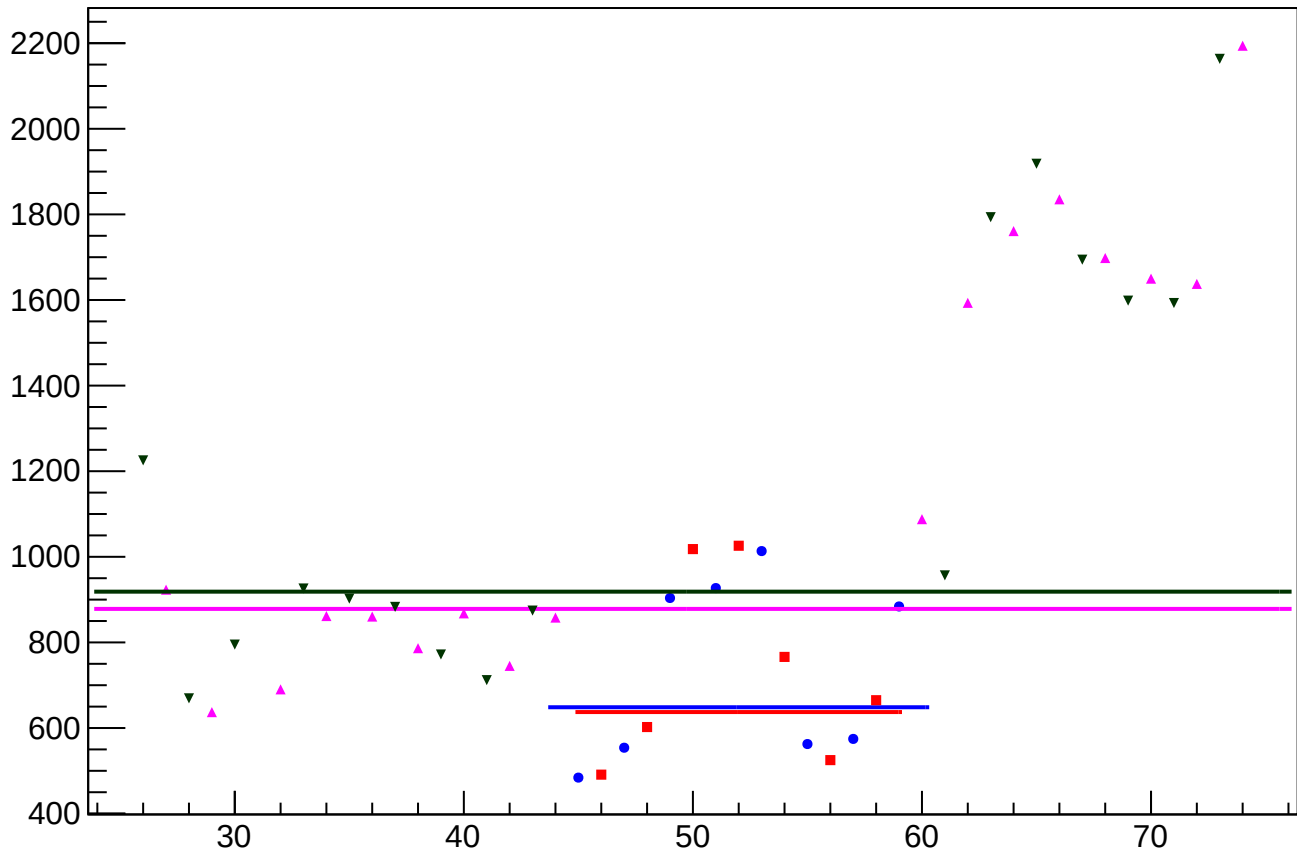
Left Out: 224.368 $\pm$ 334.725 χ^2 /NDF: 8.0/15

Right Out: 683.865 $\pm$ 350.550 χ^2 /NDF: 9.6/6

Left In: 1303.459 $\pm$ 302.169 χ^2 /NDF: 20.4/16

596.600 $\pm$ 161.004 χ^2 /NDF: 57.4/47

asym_atl_avg_rms vs slug



Right In: 648.523 ± 0.218 χ^2/NDF : 674659.4/7

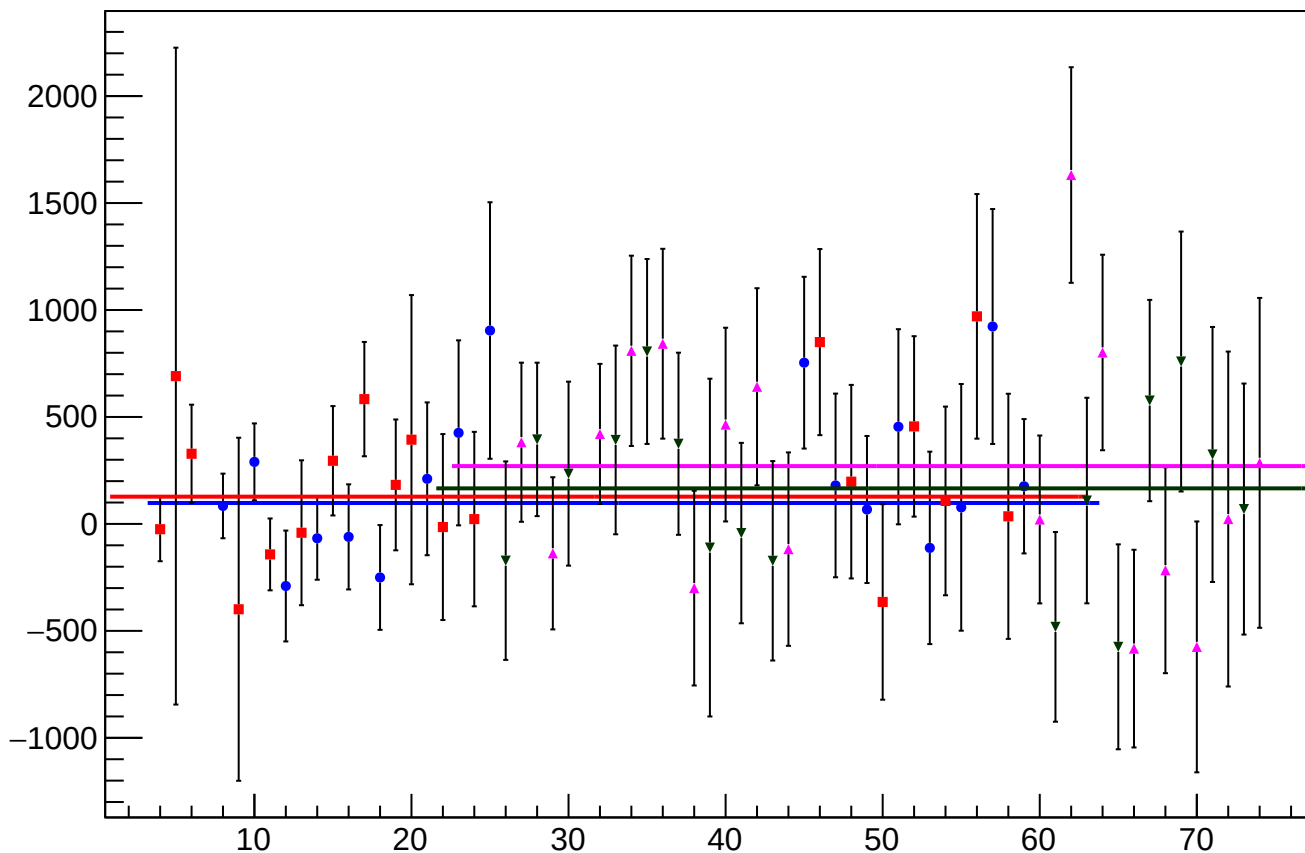
Left Out: 918.584 ± 0.237 χ^2/NDF : 1883352.3/15

Right Out: 637.291 ± 0.248 χ^2/NDF : 469305.5/6

Left In: 878.302 ± 0.214 χ^2/NDF : 2150859.0/16

773.871 ± 0.114 χ^2/NDF : 6426396.5/47

dit_asym_atl_dd_mean vs slug



Right In: 97.894+/-68.732 χ^2/NDF : 14.9/16

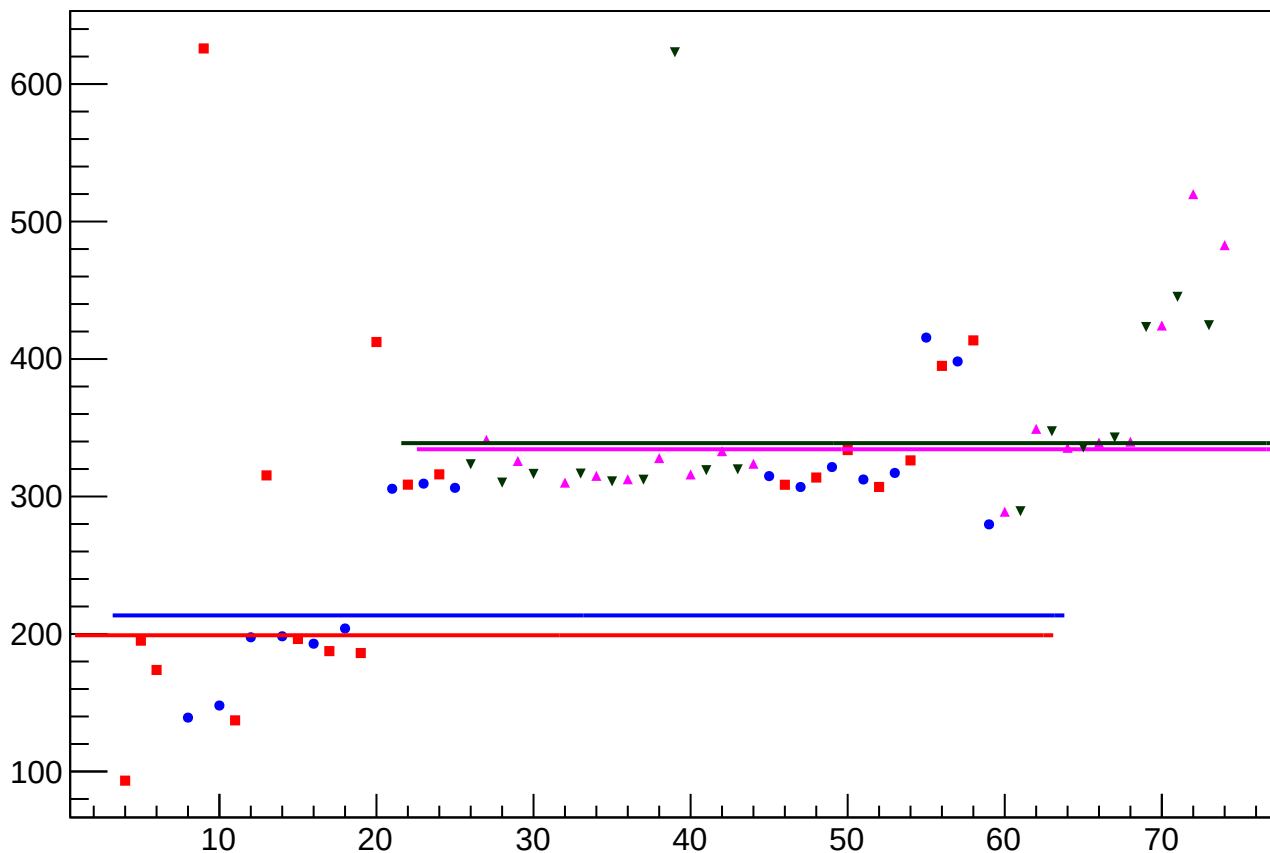
Left Out: 166.239+/-117.535 χ^2/NDF : 10.9/15

142.714+/-42.131 χ^2/NDF : 66.9/68

Right Out: 127.471+/-71.616 χ^2/NDF : 15.6/18

Left In: 270.267+/-108.895 χ^2/NDF : 23.5/16

dit_asym_atl_dd_rms vs slug



Right In: 213.517 $\pm$ 0.049 χ^2 /NDF: 2245564.6/16

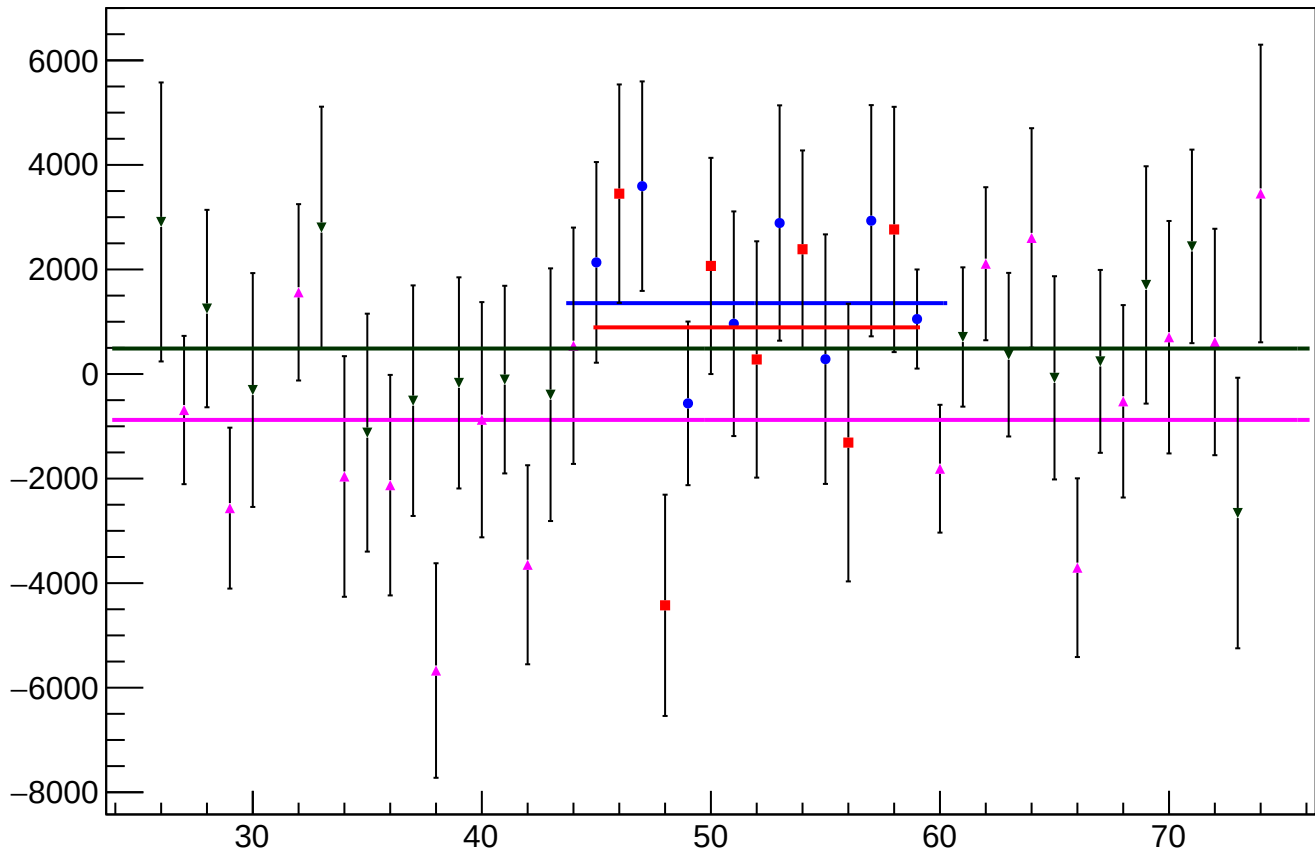
Left Out: 338.824 $\pm$ 0.083 χ^2 /NDF: 479503.7/15

Right Out: 199.079 $\pm$ 0.051 χ^2 /NDF: 3833743.0/18

Left In: 334.372 $\pm$ 0.077 χ^2 /NDF: 288859.8/16

242.712 $\pm$ 0.030 χ^2 /NDF: 10705303.3/68

asym_atl_dd_mean vs slug



Right In: 1355.636 ± 593.818 χ^2/NDF : 4.2/7

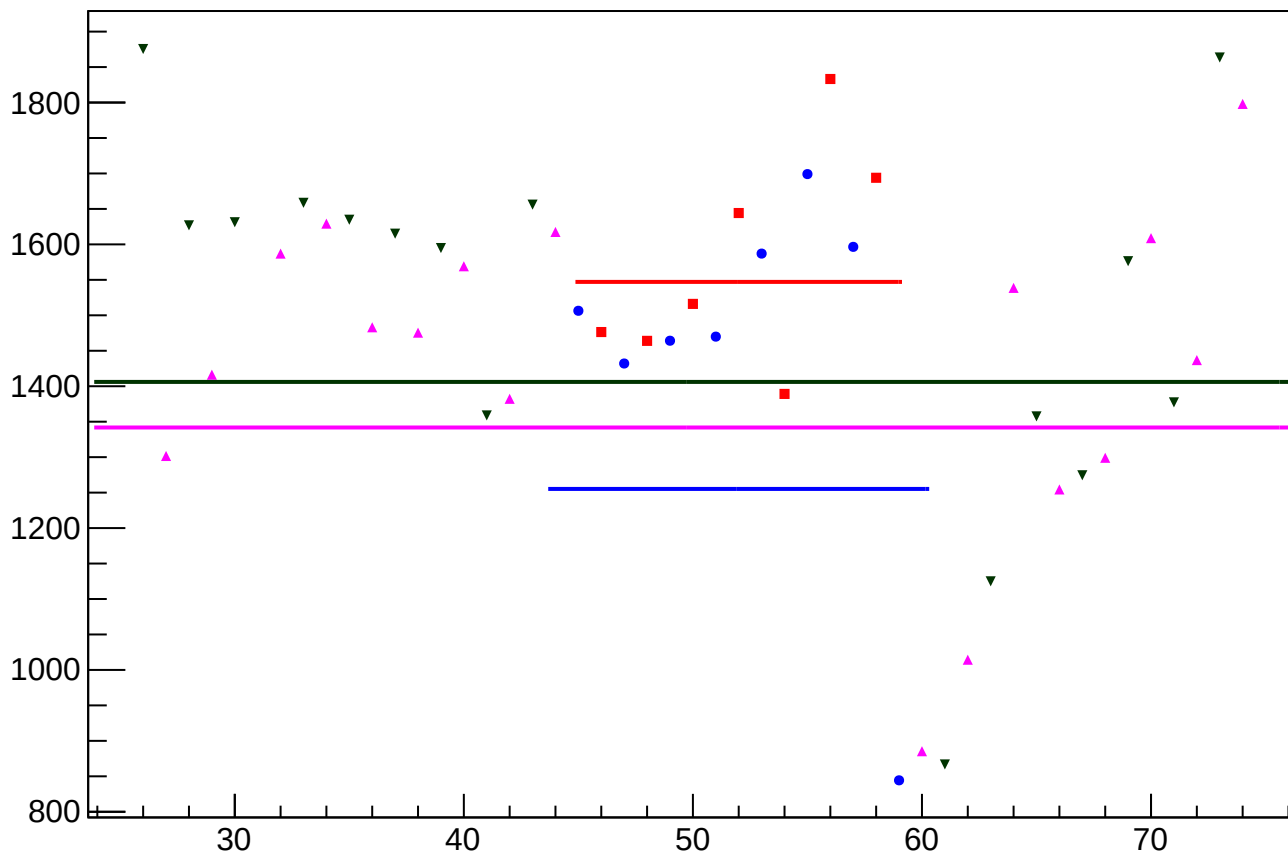
Left Out: 487.617 ± 491.942 χ^2/NDF : 6.2/15

Right Out: 892.396 ± 820.465 χ^2/NDF : 10.2/6

Left In: -877.784 ± 441.491 χ^2/NDF : 25.4/16

197.408 ± 271.323 χ^2/NDF : 56.8/47

asym_atl_dd_rms vs slug



Right In: 1255.205 $\pm$ 0.420 χ^2/NDF : 641505.2/7

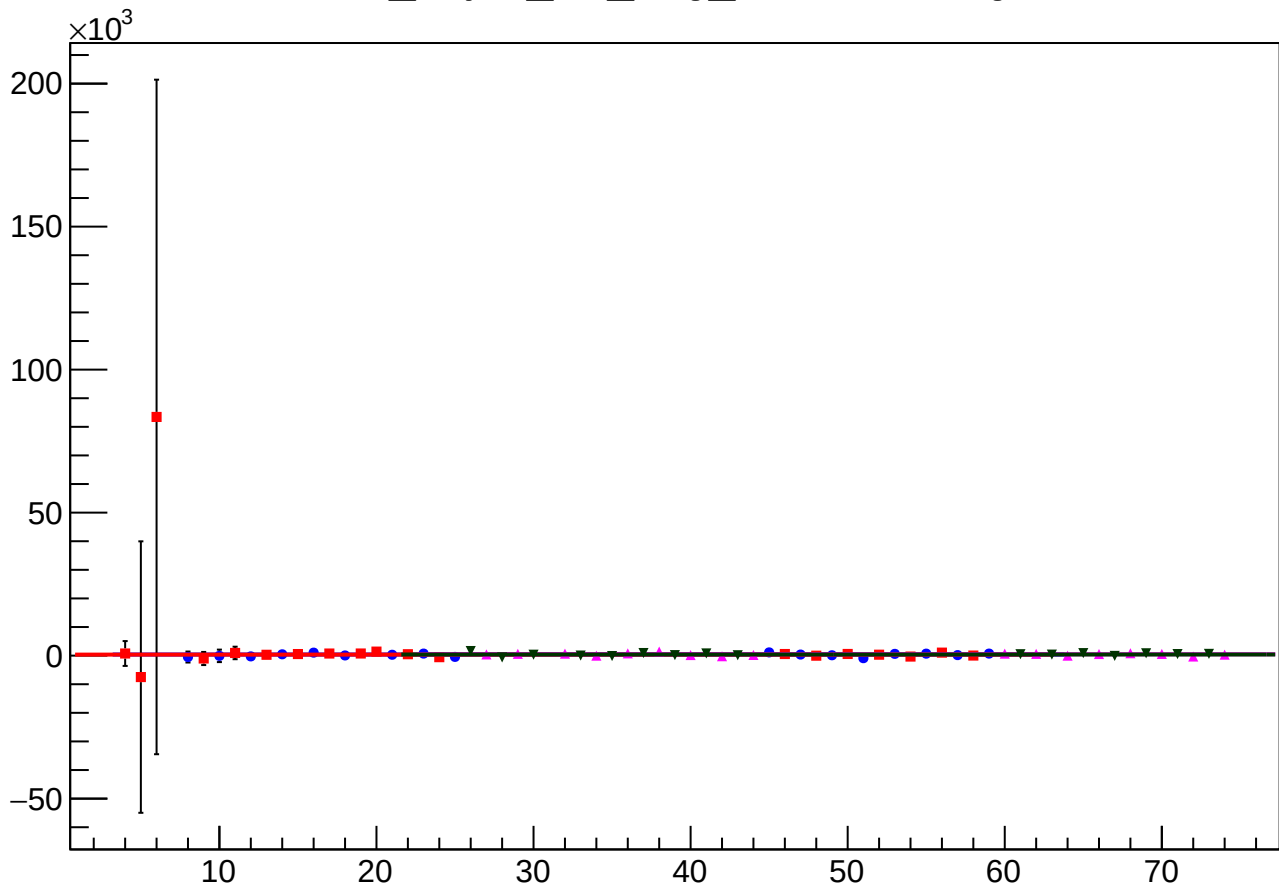
Left Out: 1406.092 $\pm$ 0.348 χ^2/NDF : 690863.5/15

Right Out: 1547.111 $\pm$ 0.580 χ^2/NDF : 54536.1/6

Left In: 1341.817 $\pm$ 0.312 χ^2/NDF : 635160.2/16

1365.737 $\pm$ 0.192 χ^2/NDF : 2208426.6/47

dit_asym_atr_avg_mean vs slug



Right In: 386.467 $\pm$ 121.389 χ^2 /NDF: 15.8/16

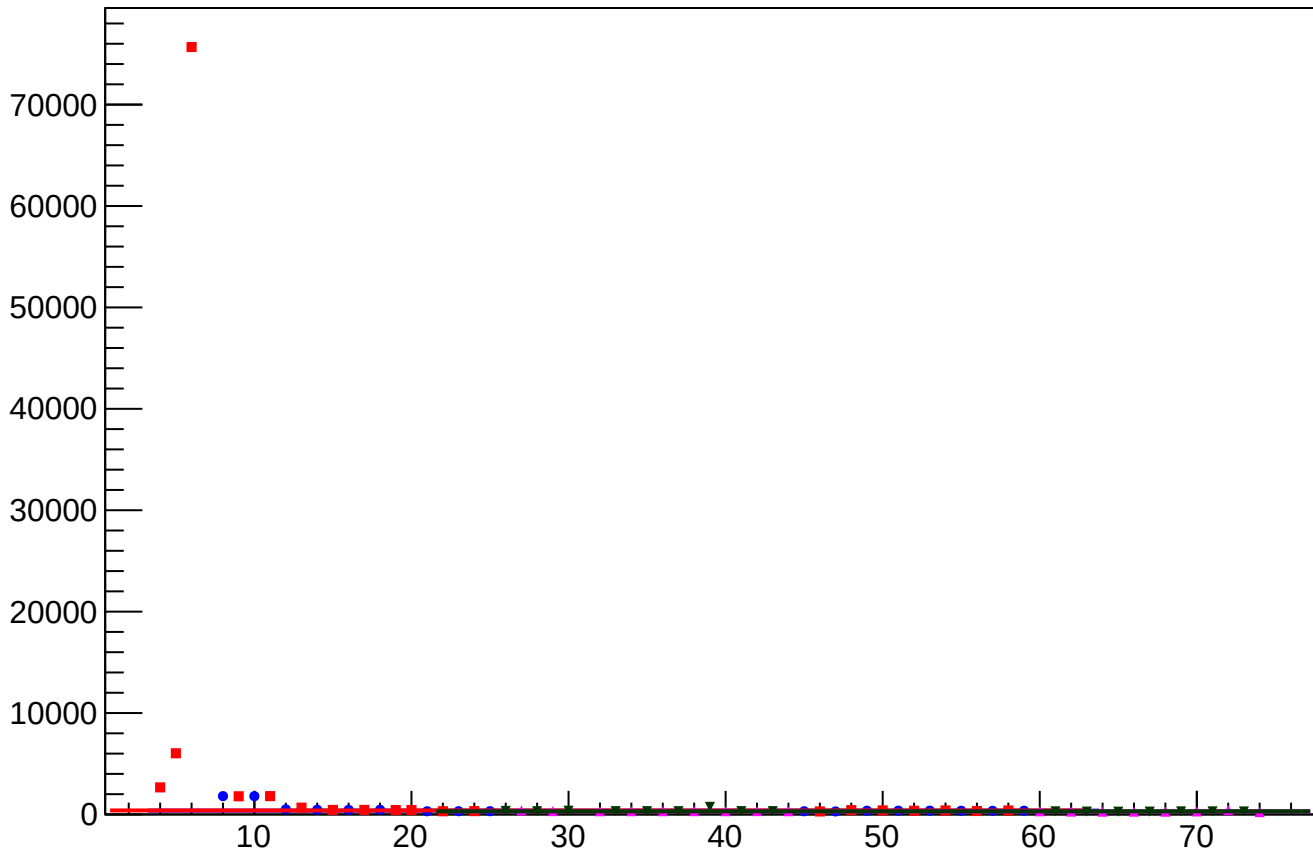
Left Out: 395.577 $\pm$ 109.132 χ^2 /NDF: 23.2/15

Right Out: 356.042 $\pm$ 142.787 χ^2 /NDF: 13.2/18

Left In: 481.654 $\pm$ 101.107 χ^2 /NDF: 14.1/16

415.205 $\pm$ 57.861 χ^2 /NDF: 67.0/68

dit_asym_atr_avg_rms vs slug



Right In: 376.104+/-0.086 χ^2/NDF : 2412518.2/16

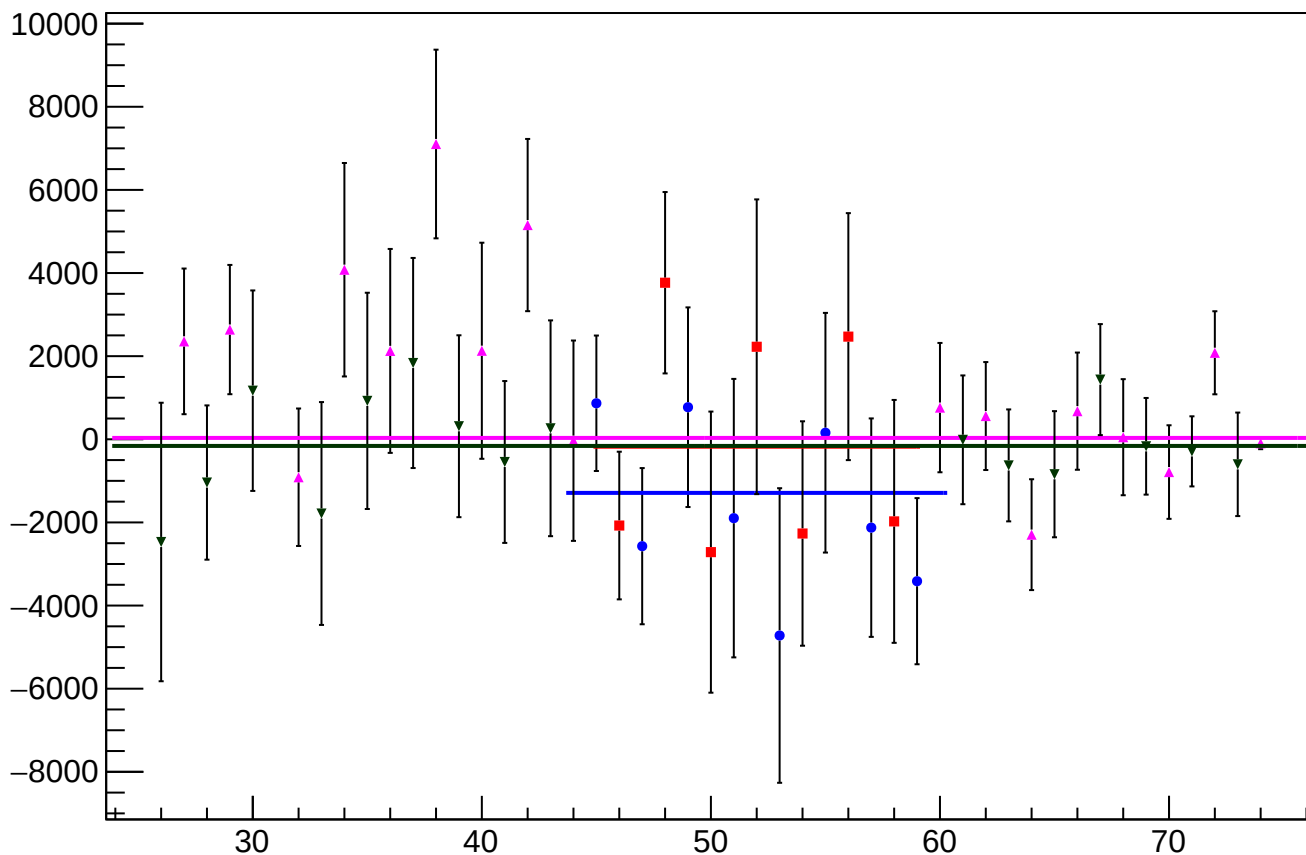
Left Out: 313.956+/-0.077 χ^2/NDF : 505709.4/15

340.232+/-0.041 χ^2/NDF : 7912201.8/68

Right Out: 396.806+/-0.101 χ^2/NDF : 3898032.9/18

Left In: 309.535+/-0.071 χ^2/NDF : 307010.2/16

asym_atr_avg_mean vs slug



Right In: -1289.341+/-811.773 χ^2/NDF : 5.4/7

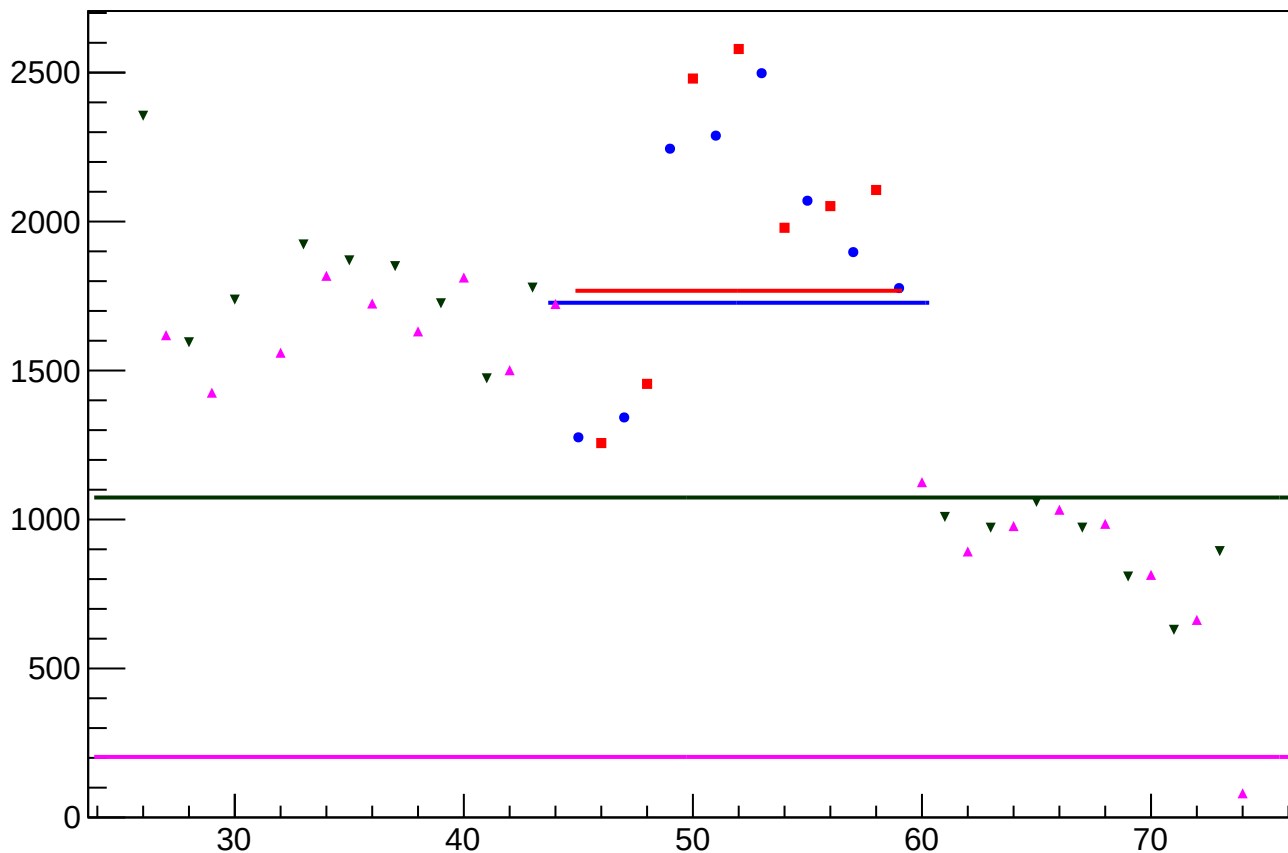
Left Out: -159.627+/-396.204 χ^2/NDF : 4.2/15

Right Out: -178.359+/-970.523 χ^2/NDF : 7.2/6

Left In: 33.147+/-133.699 χ^2/NDF : 33.8/16

-20.165+/-124.138 χ^2/NDF : 53.3/47

asym_atr_avg_rms vs slug



Right In: 1727.479+/-0.574 χ^2/NDF : 518772.9/7

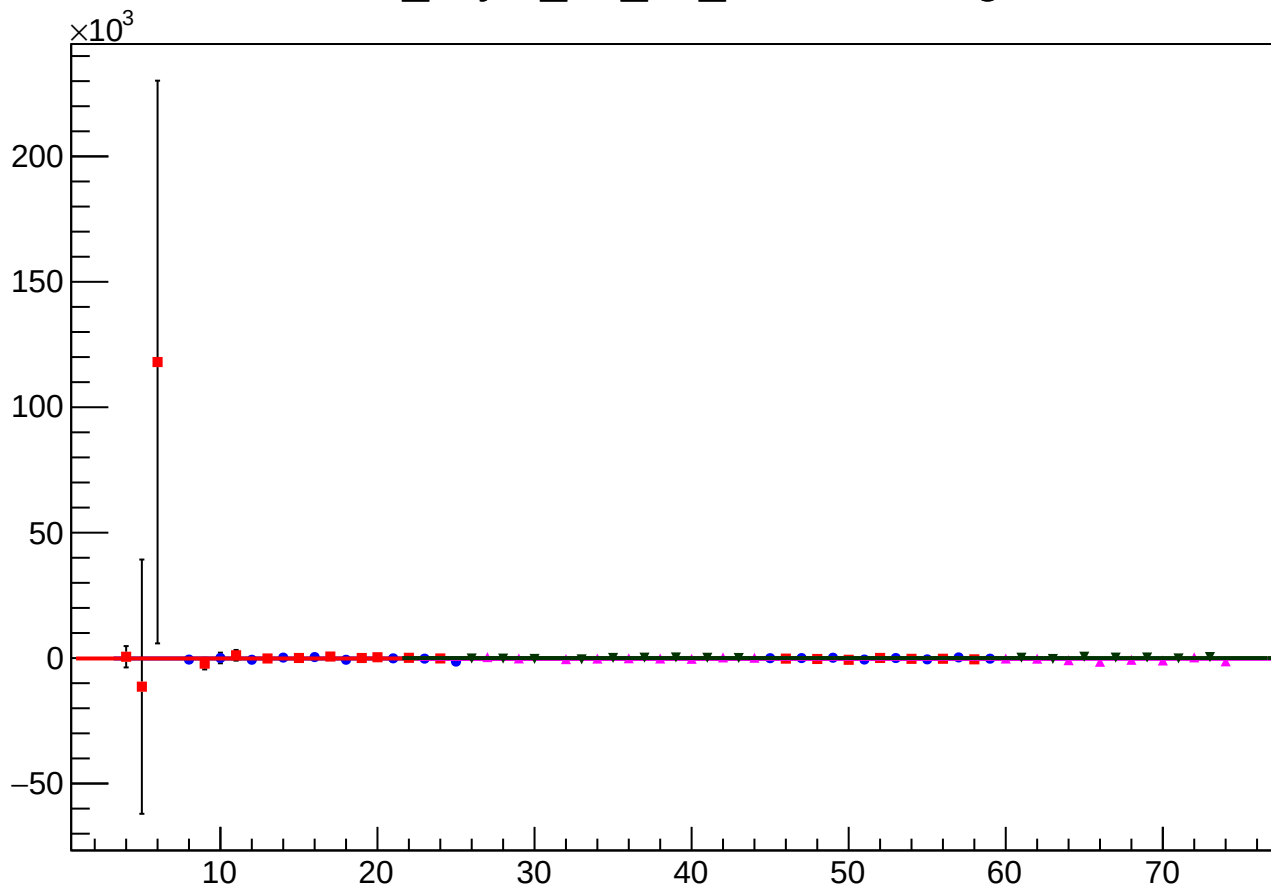
Left Out: 1073.836+/-0.280 χ^2/NDF : 2314929.0/15

Right Out: 1767.713+/-0.686 χ^2/NDF : 457497.2/6

Left In: 203.115+/-0.095 χ^2/NDF : 14335316.1/16

349.838+/-0.088 χ^2/NDF : 36742266.0/47

dit_asym_atr_dd_mean vs slug



Right In: -149.688 ± 107.526 $\chi^2/\text{NDF}: 11.9/16$

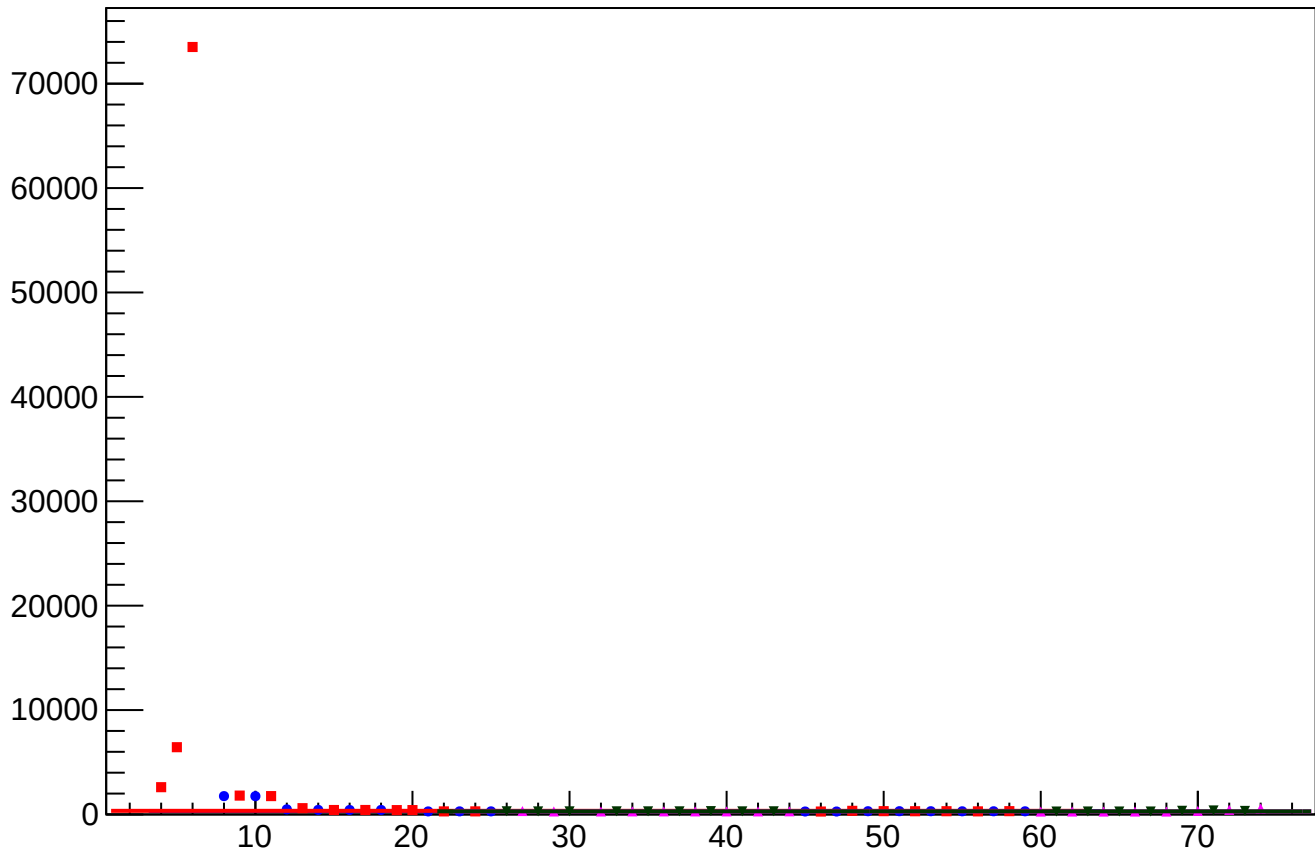
Left Out: 15.494 ± 103.474 $\chi^2/\text{NDF}: 7.5/15$

Right Out: -155.537 ± 125.361 $\chi^2/\text{NDF}: 7.7/18$

Left In: -296.348 ± 98.119 $\chi^2/\text{NDF}: 23.8/16$

-150.202 ± 53.653 $\chi^2/\text{NDF}: 55.7/68$

dit_asym_atr_dd_rms vs slug



Right In: 331.827+/-0.076 χ^2/NDF : 2607726.0/16

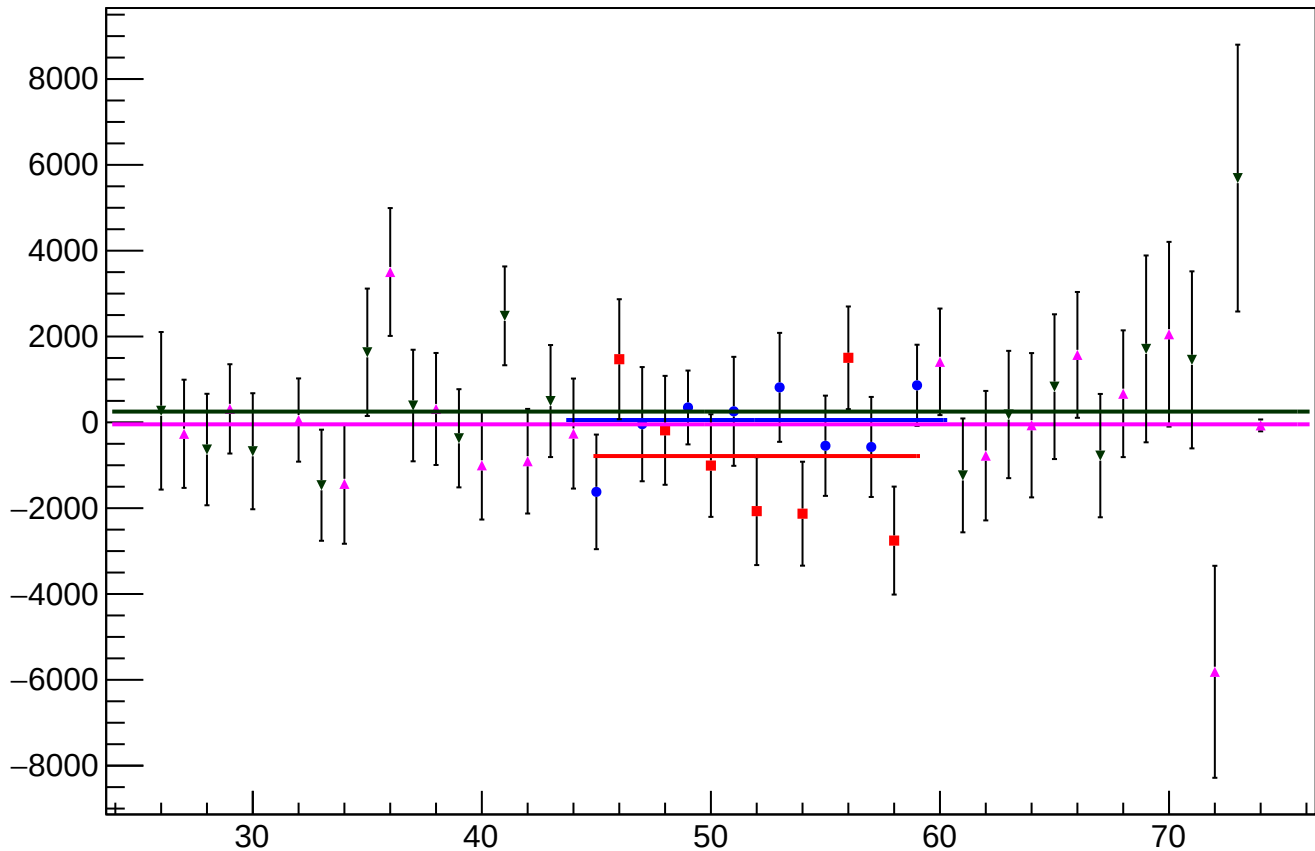
Left Out: 301.918+/-0.073 χ^2/NDF : 108307.1/15

317.356+/-0.038 χ^2/NDF : 7343623.0/68

Right Out: 347.036+/-0.089 χ^2/NDF : 4061687.5/18

Left In: 301.006+/-0.069 χ^2/NDF : 317519.1/16

asym_atr_dd_mean vs slug



Right In: 54.373+/-398.277 χ^2/NDF : 3.4/7

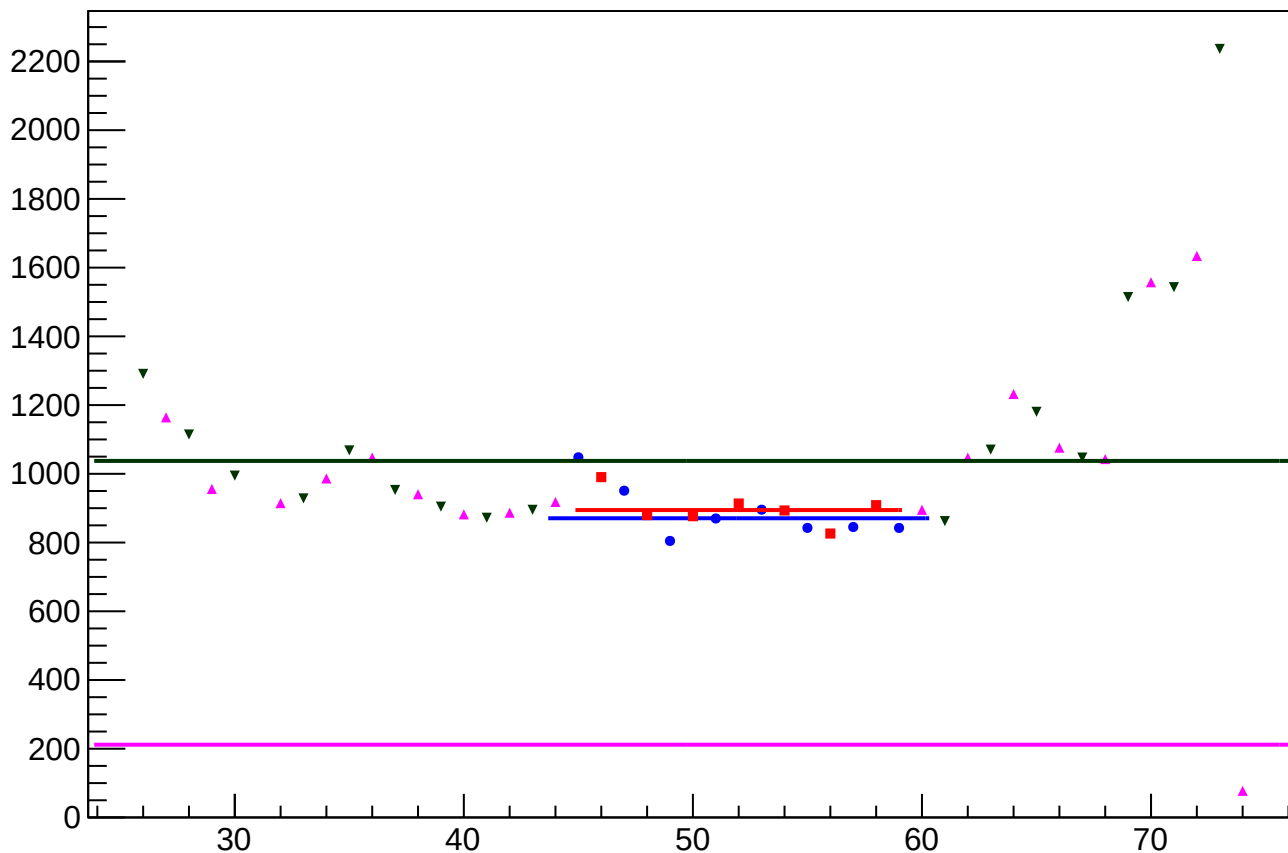
Left Out: 250.664+/-362.926 χ^2/NDF :13.4/15

-51.437+/-112.151 χ^2/NDF : 48.7/47

Right Out: -785.449+/-472.580 χ^2/NDF : 11.3/6

Left In: -46.104+/-127.900 χ^2/NDF :17.5/16

asym_atr_dd_rms vs slug



Right In: 870.678 ± 0.282 χ^2/NDF : 58988.0/7

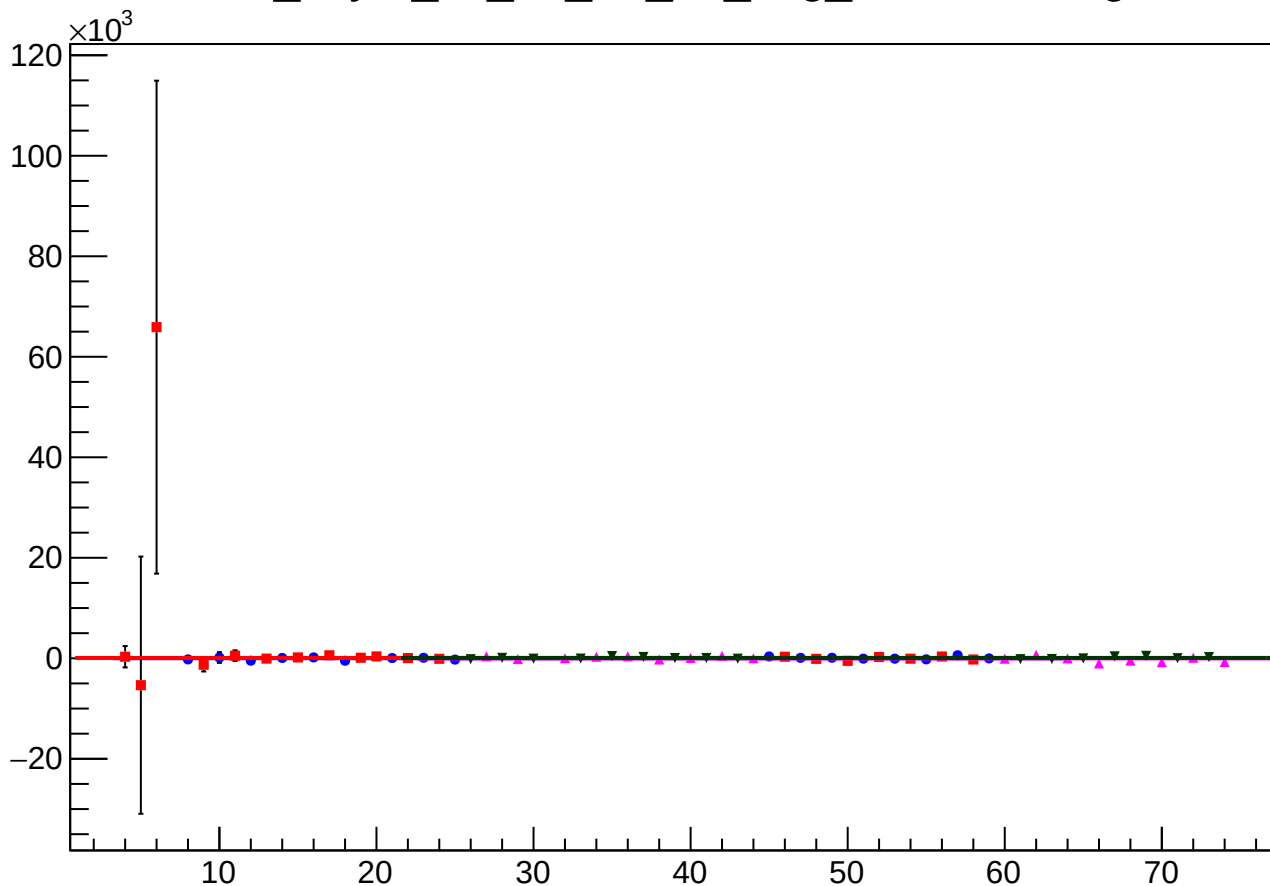
Left Out: 1037.545 ± 0.257 χ^2/NDF : 726480.5/15

Right Out: 894.521 ± 0.334 χ^2/NDF : 17350.5/6

Left In: 211.709 ± 0.090 χ^2/NDF : 13482154.7/16

381.277 ± 0.079 χ^2/NDF : 29718978.5/47

dit_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 13.105 $\pm$ 74.677 χ^2 /NDF: 11.3/16

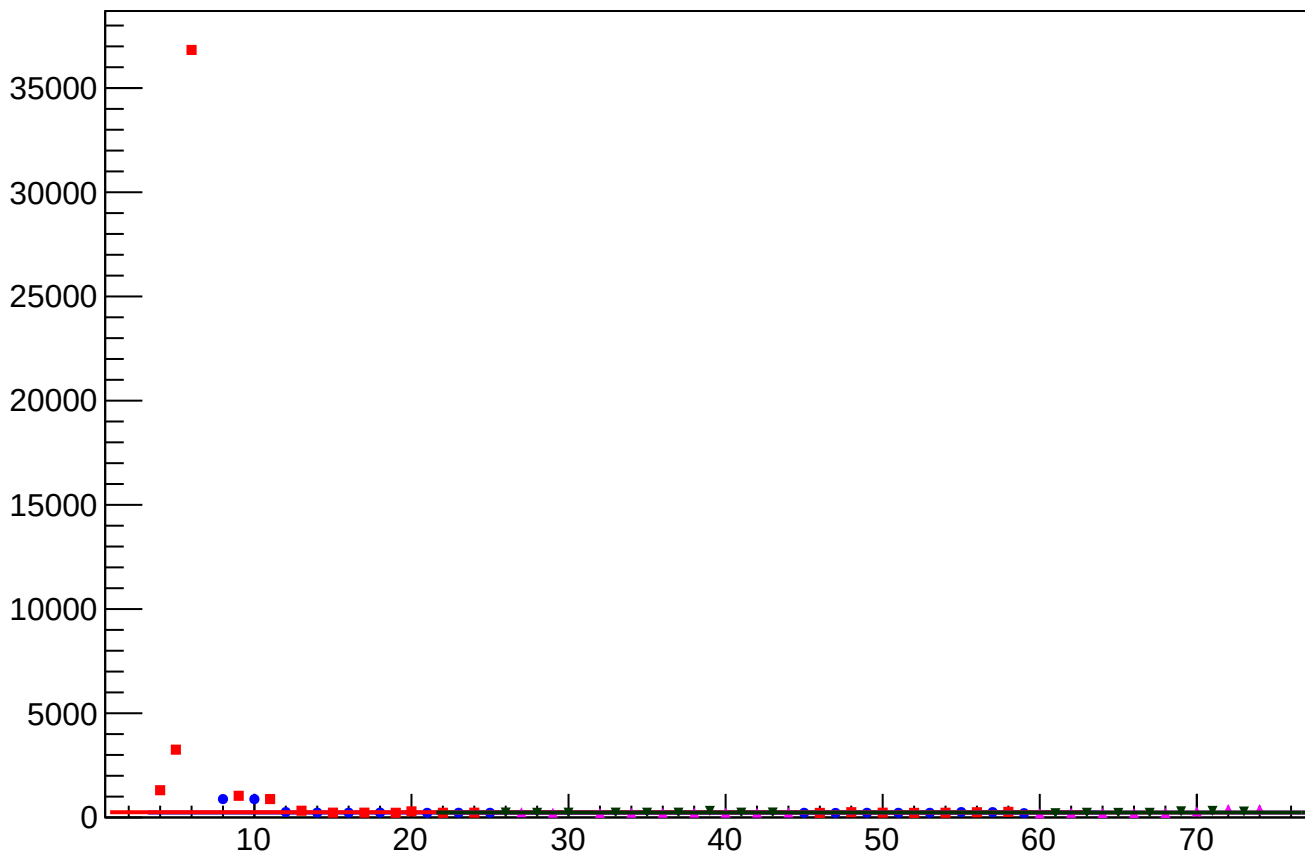
Left Out: 74.585 $\pm$ 81.702 χ^2 /NDF: 6.3/15

Right Out: 67.631 $\pm$ 88.121 χ^2 /NDF: 12.9/18

Left In: -19.243 $\pm$ 76.622 χ^2 /NDF: 30.4/16

30.172 $\pm$ 39.897 χ^2 /NDF: 61.8/68

dit_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 235.476+/-0.053 χ^2/NDF : 1770954.5/16

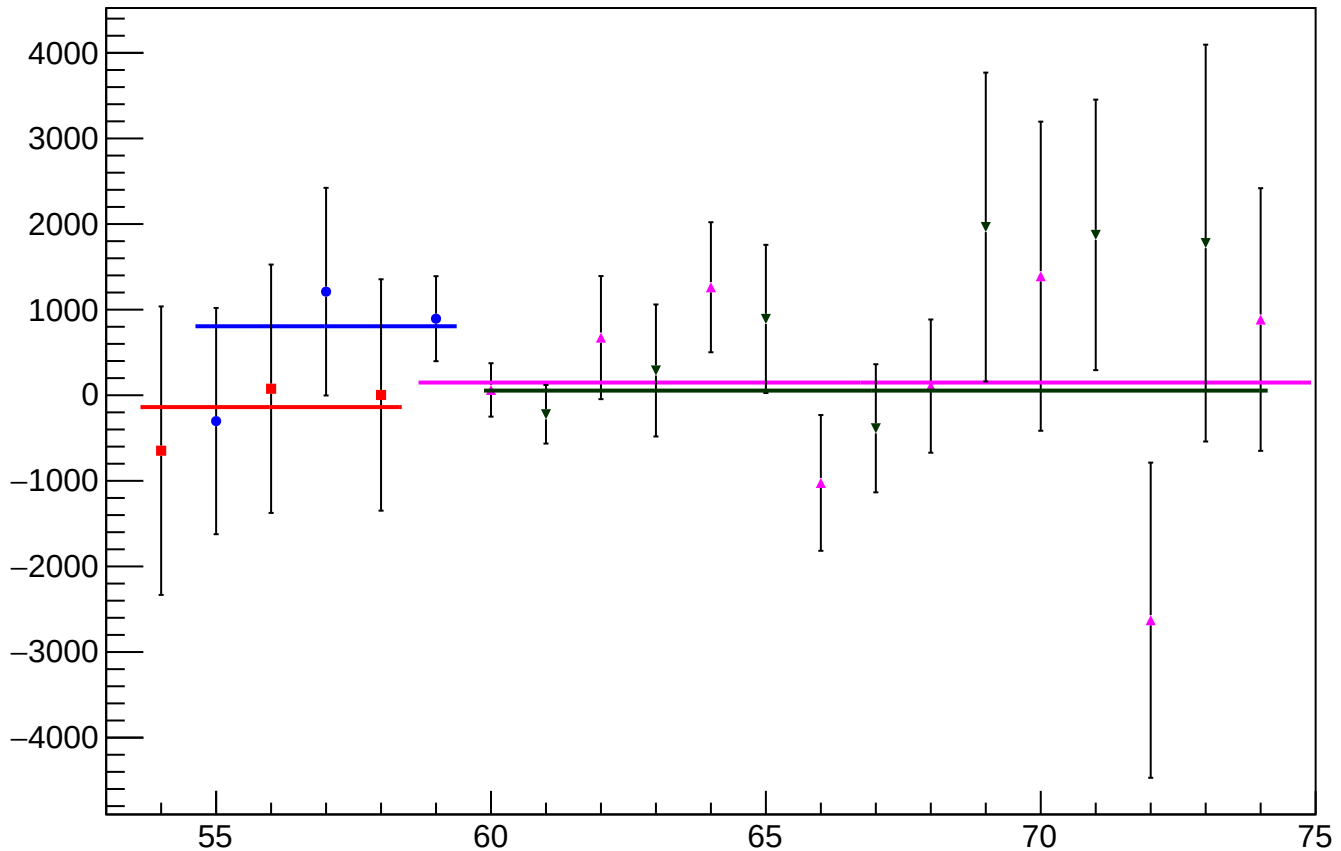
Left Out: 237.174+/-0.058 χ^2/NDF : 260170.3/15

238.631+/-0.028 χ^2/NDF : 5743118.7/68

Right Out: 250.270+/-0.062 χ^2/NDF : 3284404.3/18

Left In: 234.436+/-0.054 χ^2/NDF : 382495.9/16

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 805.843 ± 433.971 $\chi^2/\text{NDF}: 0.8/2$

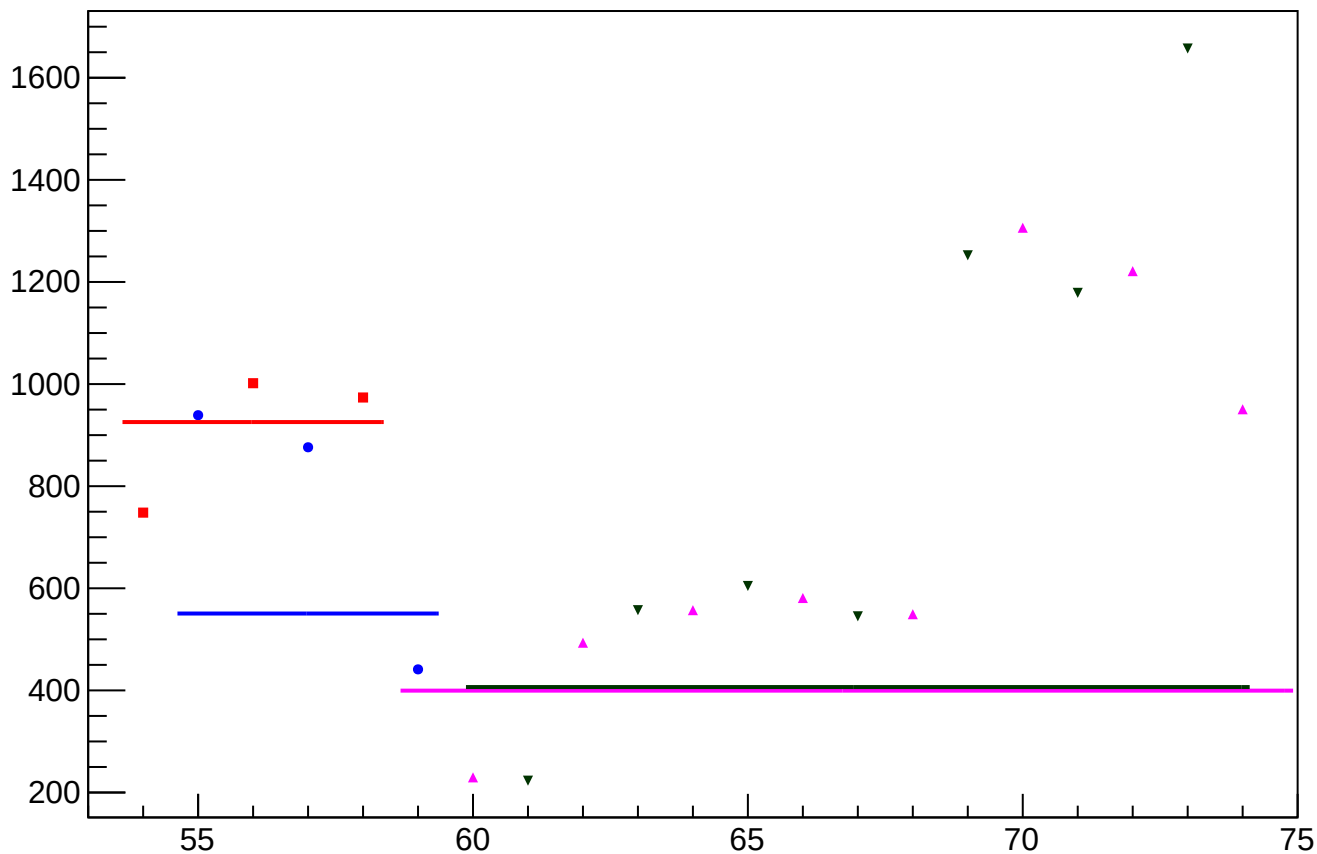
Left Out: 54.304 ± 264.985 $\chi^2/\text{NDF}: 5.0/6$

193.270 ± 159.844 $\chi^2/\text{NDF}: 16.4/20$

Right Out: -138.421 ± 852.956 $\chi^2/\text{NDF}: 0.1/2$

Left In: 148.378 ± 234.321 $\chi^2/\text{NDF}: 7.9/7$

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 550.581+/-0.307 χ^2/NDF : 414061.5/2

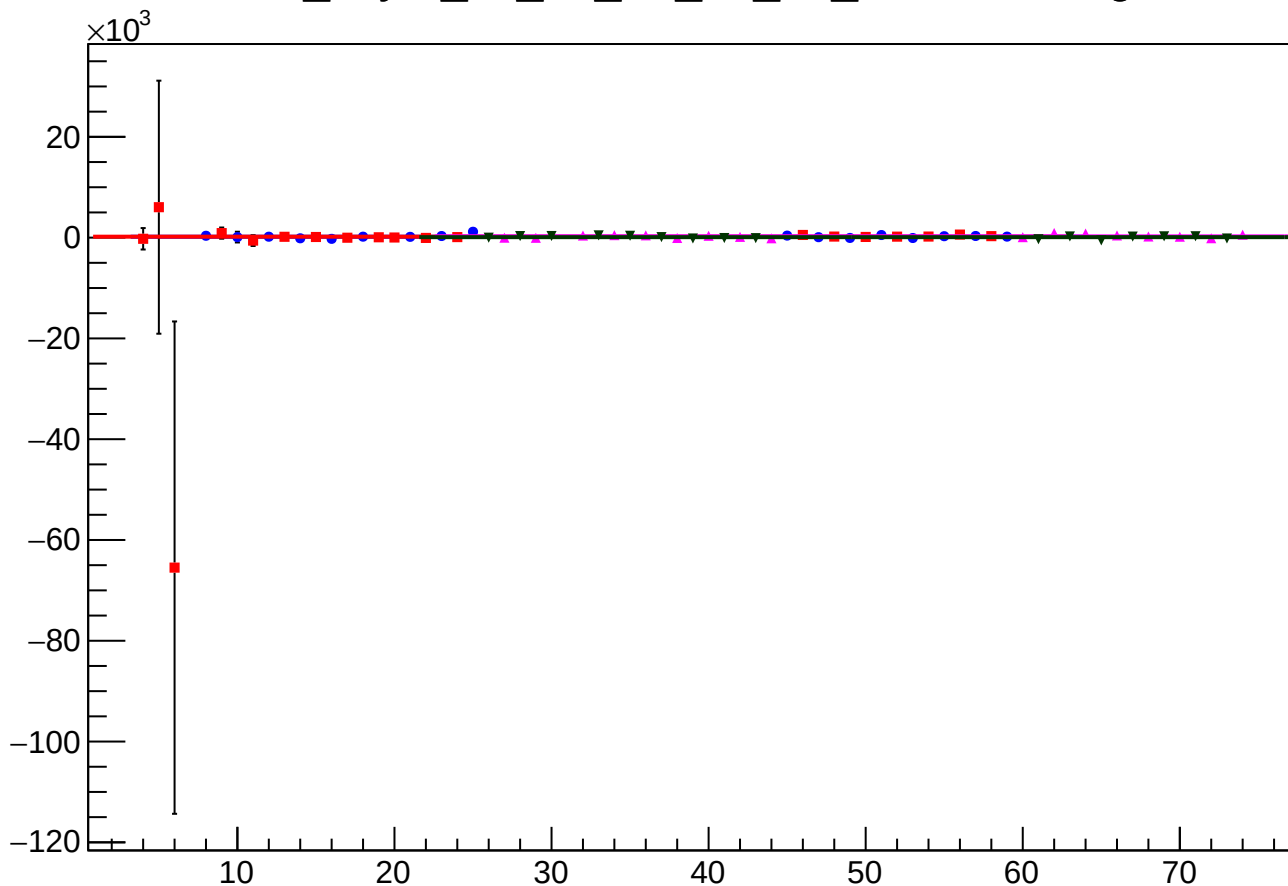
Left Out: 406.544+/-0.187 χ^2/NDF : 2323358.3/6

Right Out: 925.608+/-0.603 χ^2/NDF : 30201.7/2

Left In: 399.541+/-0.166 χ^2/NDF : 2052676.1/7

441.055+/-0.113 χ^2/NDF : 5689833.5/20

dit_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 176.379 $\pm$ 72.729 χ^2 /NDF: 14.1/16

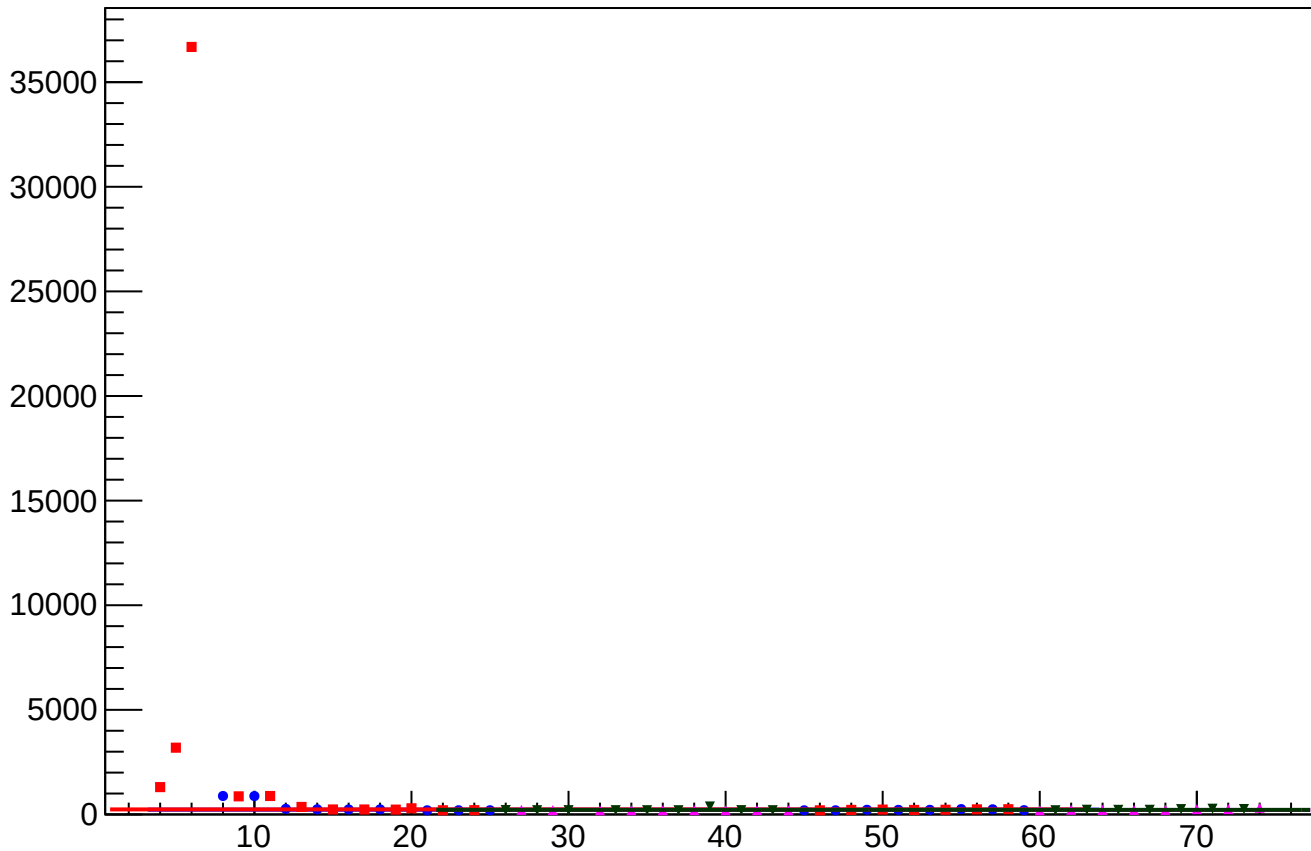
Left Out: 94.768 $\pm$ 75.621 χ^2 /NDF:12.8/15

Right Out: 189.367 $\pm$ 85.306 χ^2 /NDF: 7.4/18

Left In: 257.147 $\pm$ 69.763 χ^2 /NDF:17.7/16

182.193 $\pm$ 37.614 χ^2 /NDF: 54.4/68

dit_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 228.436 $\pm$ 0.051 χ^2 /NDF: 1912229.2/16

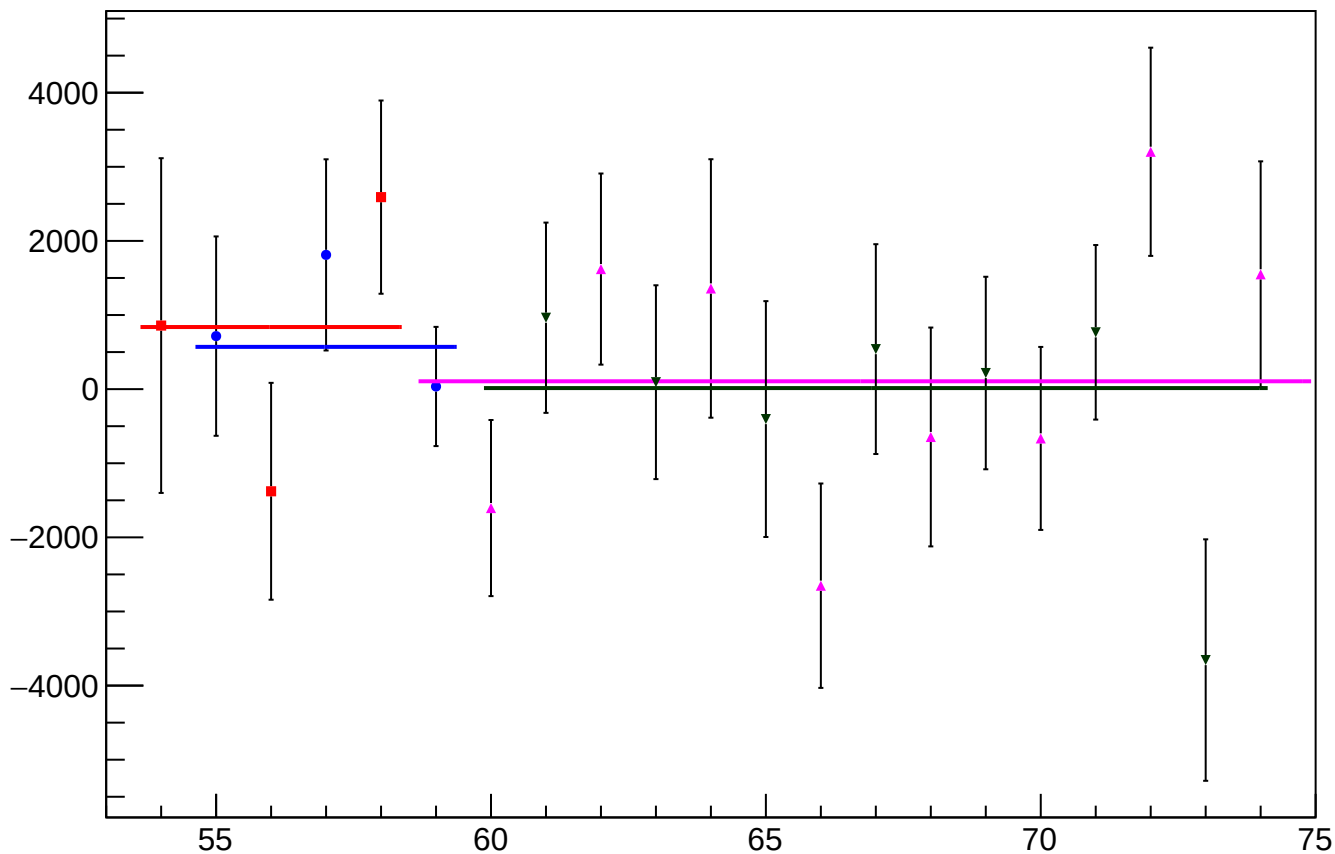
Left Out: 218.803 $\pm$ 0.053 χ^2 /NDF: 373846.2/15

224.481 $\pm$ 0.027 χ^2 /NDF: 5974433.9/68

Right Out: 240.812 $\pm$ 0.060 χ^2 /NDF: 3397959.1/18

Left In: 214.753 $\pm$ 0.049 χ^2 /NDF: 161023.5/16

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 570.263 ± 608.571 $\chi^2/\text{NDF}: 1.4/2$

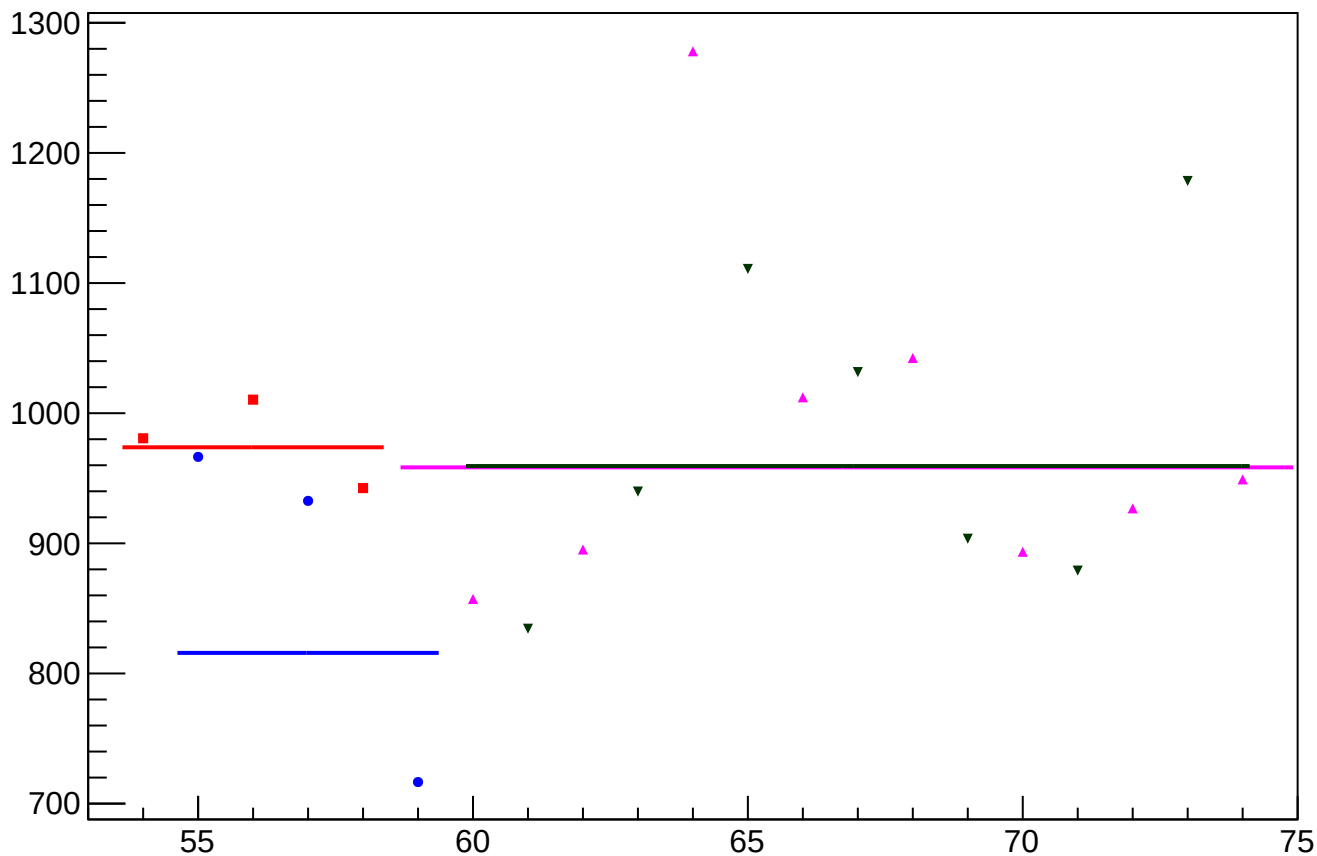
Left Out: 14.313 ± 514.594 $\chi^2/\text{NDF}: 6.3/6$

Right Out: 838.038 ± 893.823 $\chi^2/\text{NDF}: 4.1/2$

Left In: 105.966 ± 486.981 $\chi^2/\text{NDF}: 14.4/7$

258.656 ± 289.341 $\chi^2/\text{NDF}: 27.1/20$

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 815.818+/-0.430 χ^2/NDF : 71956.9/2

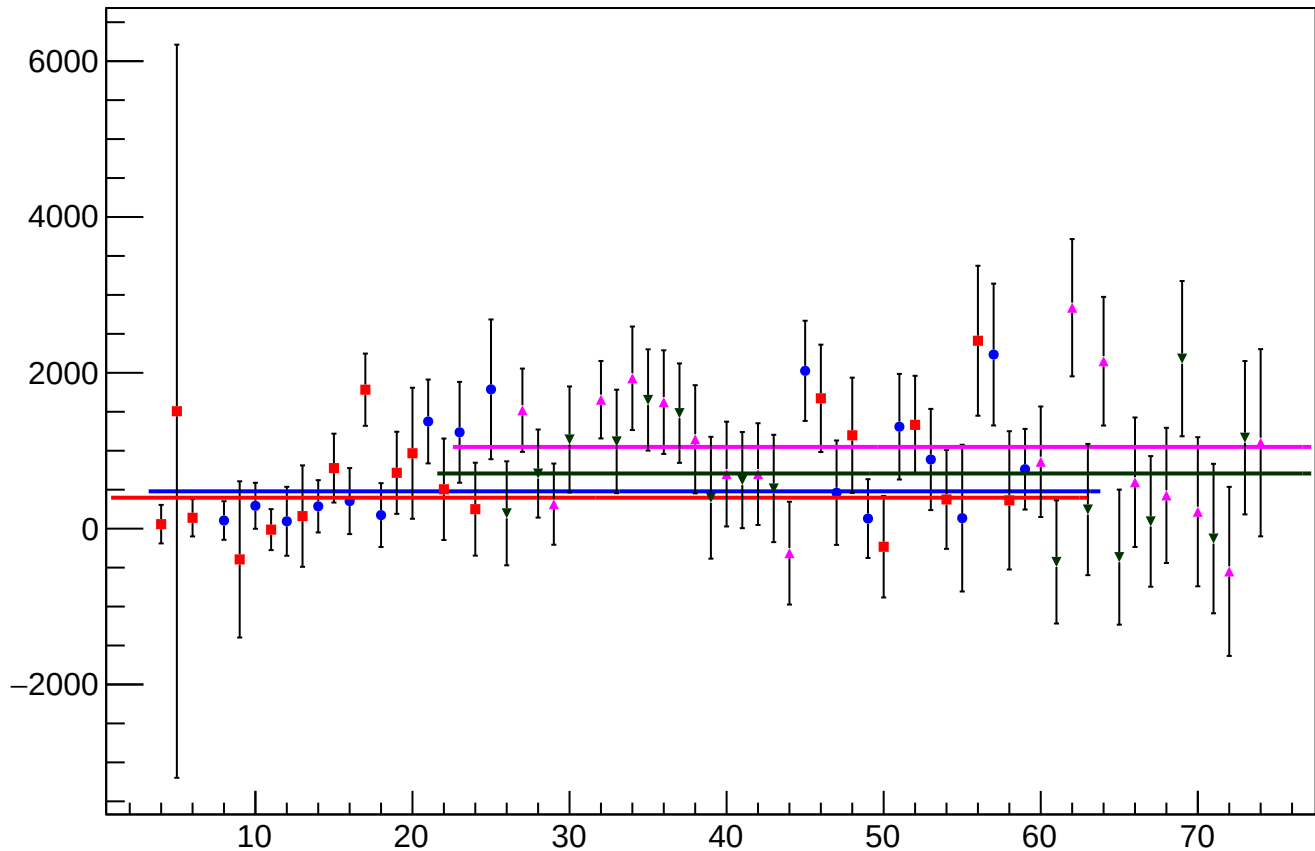
Left Out: 959.391+/-0.364 χ^2/NDF : 91910.6/6

Right Out: 973.809+/-0.632 χ^2/NDF : 2427.1/2

Left In: 958.376+/-0.344 χ^2/NDF : 102640.6/7

928.089+/-0.205 χ^2/NDF : 357372.0/20

dit_asym_atl1_mean vs slug



Right In: 478.878+/-112.090 χ^2/NDF : 23.0/16

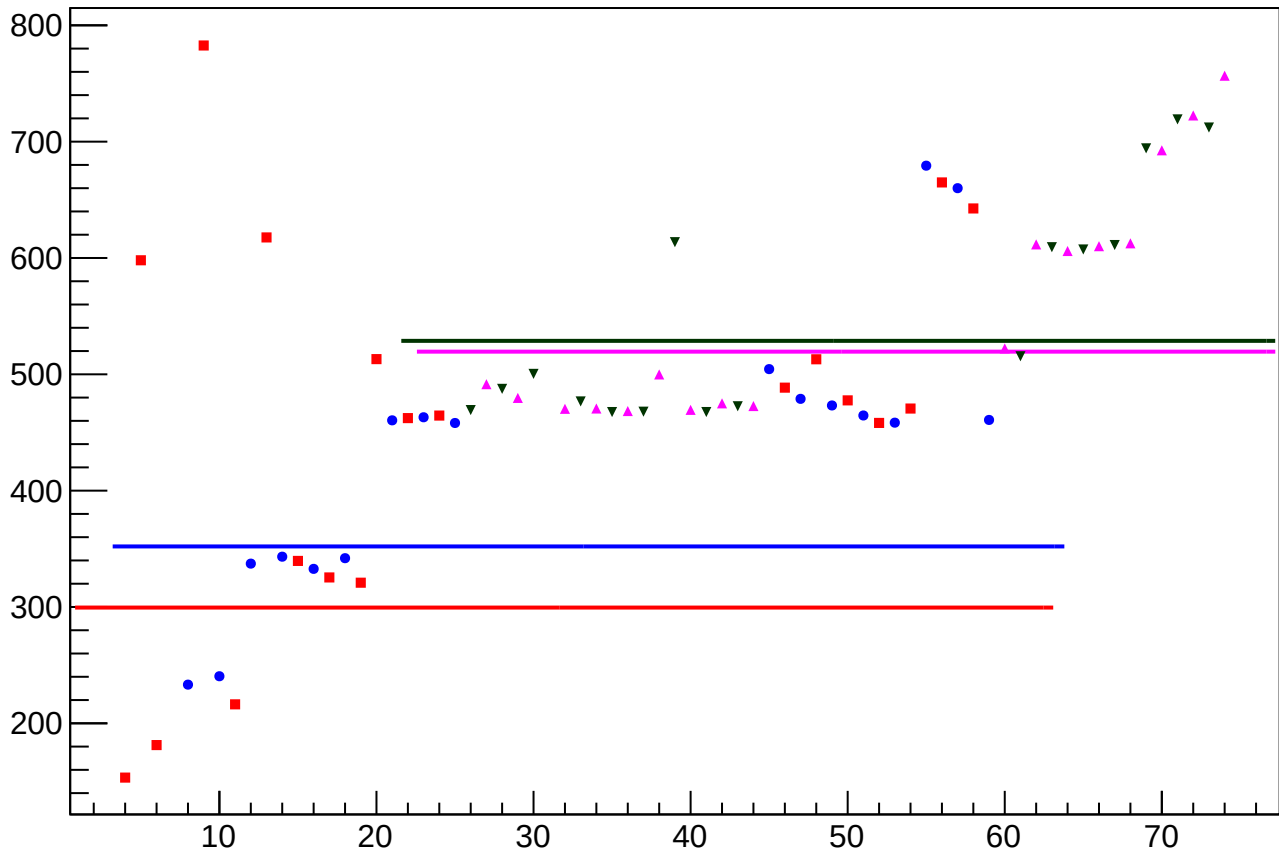
Left Out: 708.016+/-182.925 χ^2/NDF : 12.8/15

564.811+/-65.989 χ^2/NDF : 97.9/68

Right Out: 397.094+/-108.259 χ^2/NDF : 29.0/18

Left In: 1049.004+/-169.415 χ^2/NDF : 21.3/16

dit_asym_atl1_rms vs slug



Right In: 352.047 $\pm$ 0.079 χ^2 /NDF: 1890576.8/16

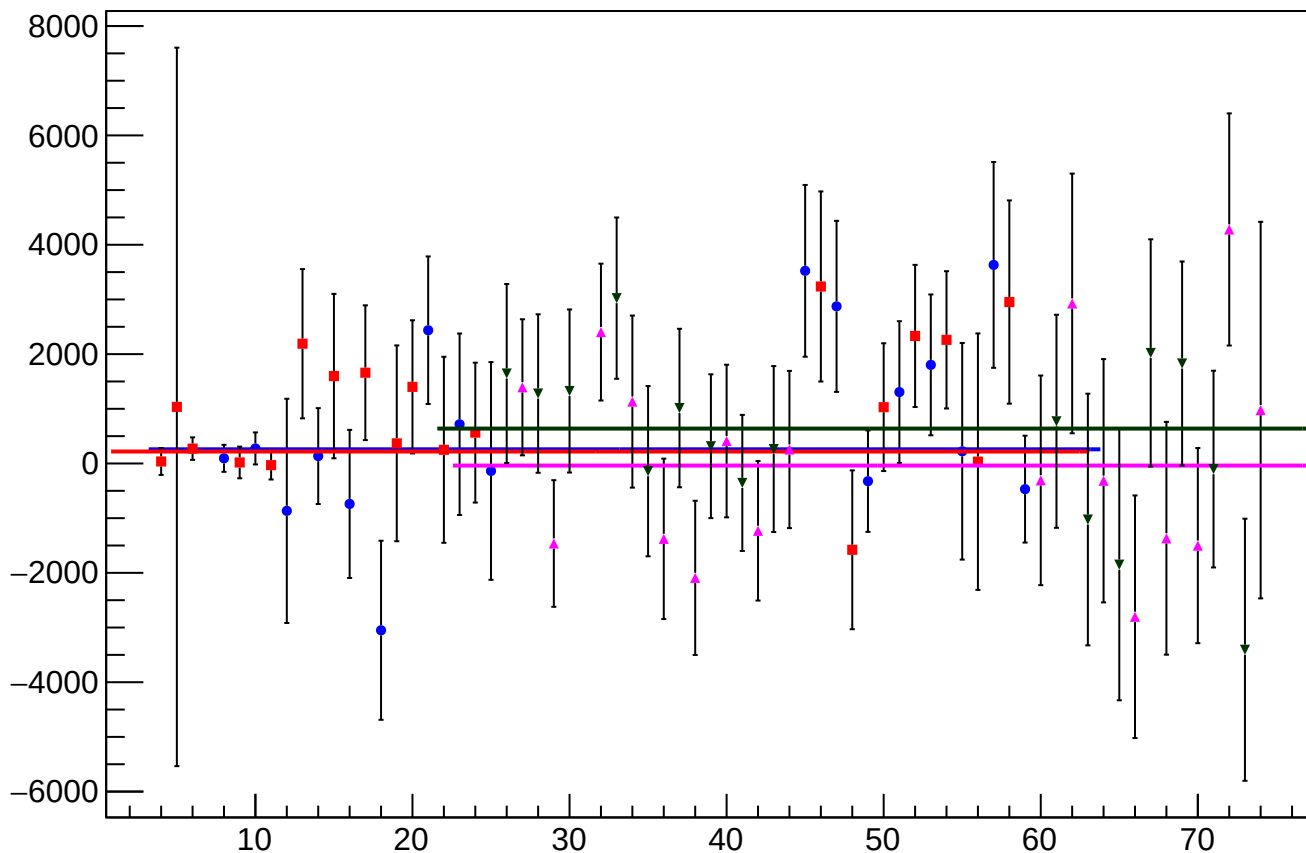
Left Out: 528.765 $\pm$ 0.129 χ^2 /NDF: 392743.3/15

Right Out: 299.499 $\pm$ 0.077 χ^2 /NDF: 4098273.6/18

Left In: 519.490 $\pm$ 0.120 χ^2 /NDF: 395423.9/16

380.925 $\pm$ 0.047 χ^2 /NDF: 10685503.8/68

asym_atl1_mean vs slug



Right In: 259.236 ± 165.690 χ^2/NDF : 21.5/16

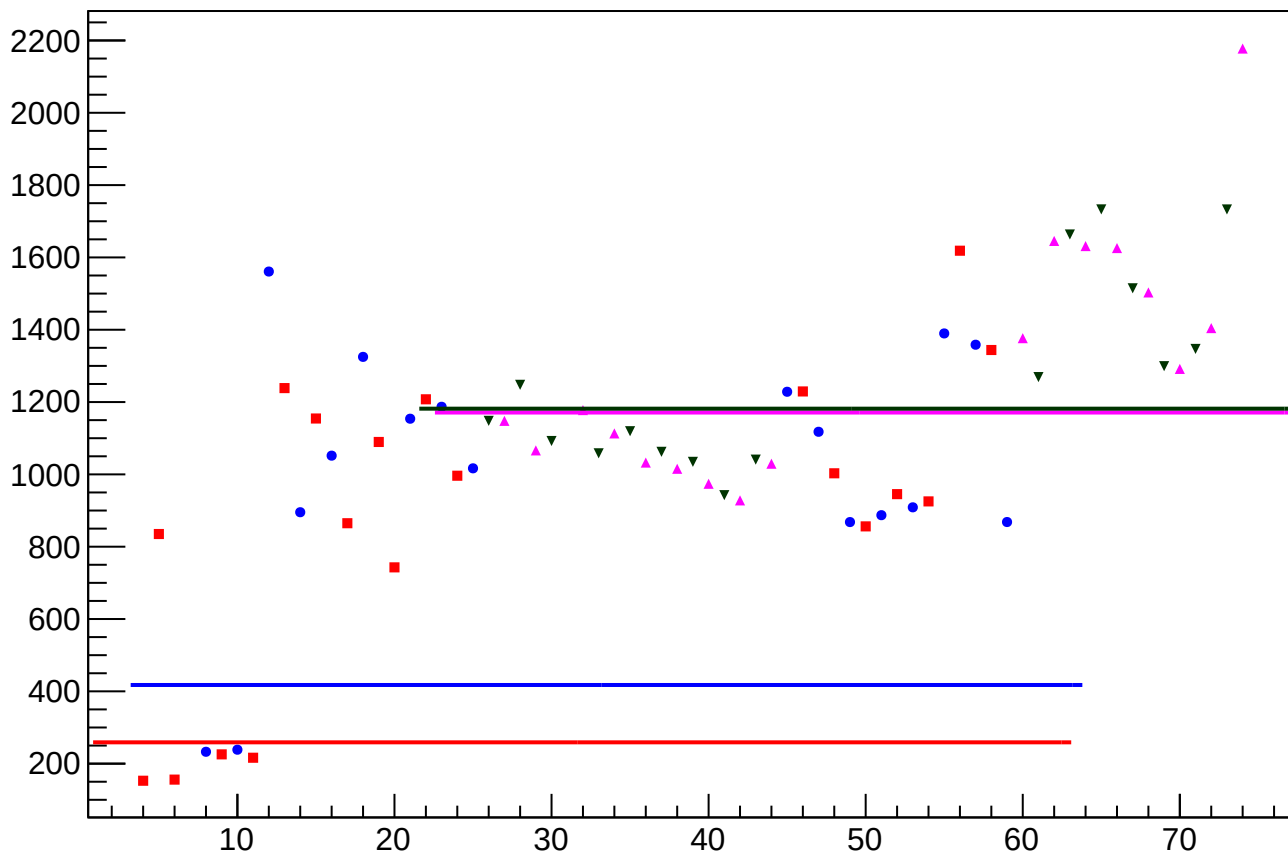
Left Out: 638.308 ± 410.905 χ^2/NDF : 9.9/15

Right Out: 219.002 ± 116.750 χ^2/NDF : 19.8/18

Left In: -37.975 ± 386.052 χ^2/NDF : 19.6/16

237.174 ± 90.379 χ^2/NDF : 72.3/68

asym_atl1_rms vs slug



Right In: 417.558+/-0.117 χ^2/NDF : 8708056.0/16

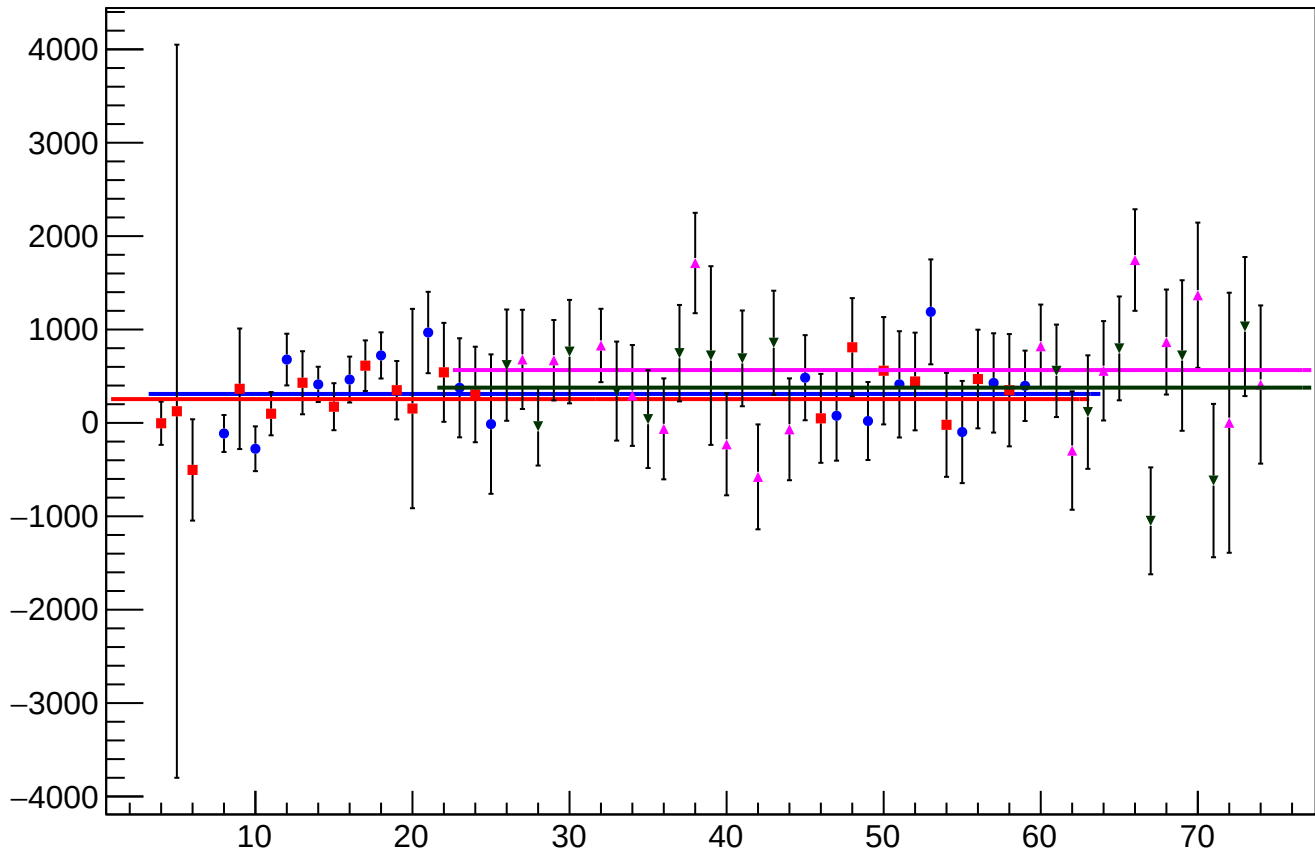
Left Out: 1181.715+/-0.291 χ^2/NDF : 531303.5/15

Right Out: 258.947+/-0.083 χ^2/NDF : 9371194.0/18

Left In: 1171.028+/-0.273 χ^2/NDF : 719305.4/16

400.772+/-0.064 χ^2/NDF : 37487635.9/68

dit_asym_atl2_mean vs slug



Right In: 310.027 ± 78.405 $\chi^2/\text{NDF}: 22.3/16$

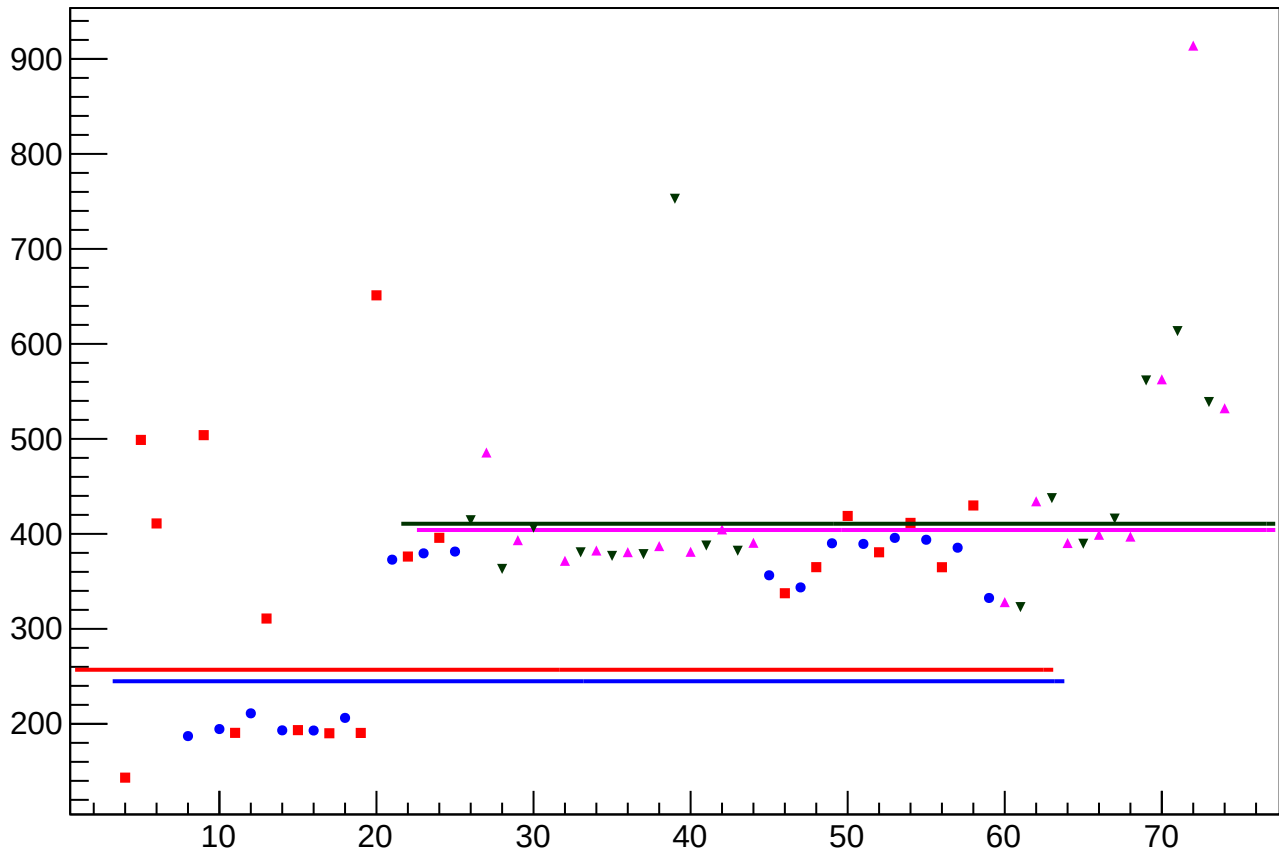
Left Out: 377.708 ± 143.292 $\chi^2/\text{NDF}: 13.3/15$

Right Out: 254.882 ± 89.734 $\chi^2/\text{NDF}: 8.4/18$

Left In: 565.786 ± 132.727 $\chi^2/\text{NDF}: 22.7/16$

337.978 ± 50.487 $\chi^2/\text{NDF}: 70.7/68$

dit_asym_atl2_rms vs slug



Right In: 244.857 $\pm$ 0.055 χ^2 /NDF: 2060547.2/16

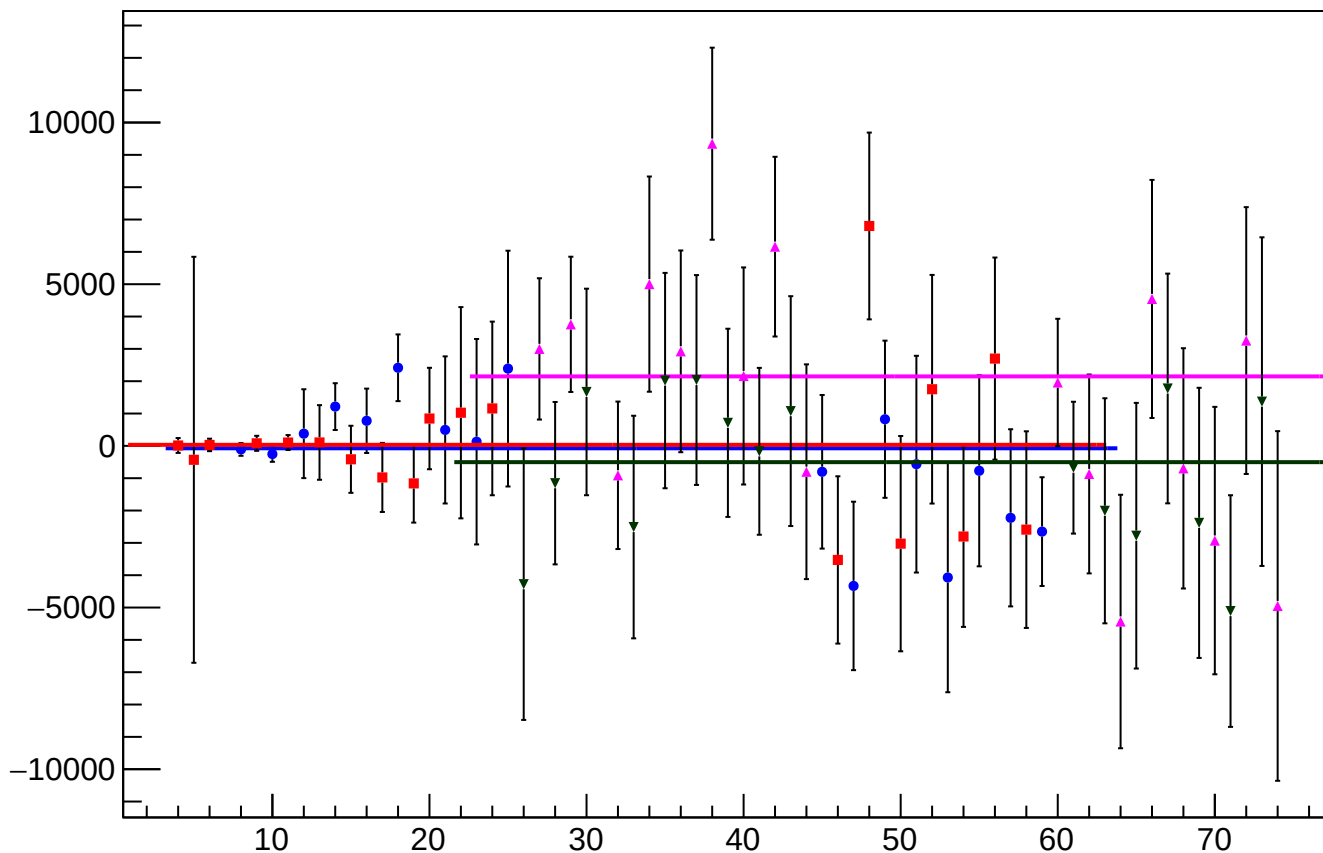
Left Out: 410.661 $\pm$ 0.101 χ^2 /NDF: 634292.2/15

Right Out: 256.955 $\pm$ 0.063 χ^2 /NDF: 2836202.0/18

Left In: 404.076 $\pm$ 0.094 χ^2 /NDF: 537252.6/16

292.306 $\pm$ 0.036 χ^2 /NDF: 9893888.4/68

asym_atl2_mean vs slug



Right In: -75.053 ± 142.895 χ^2/NDF : 18.2/16

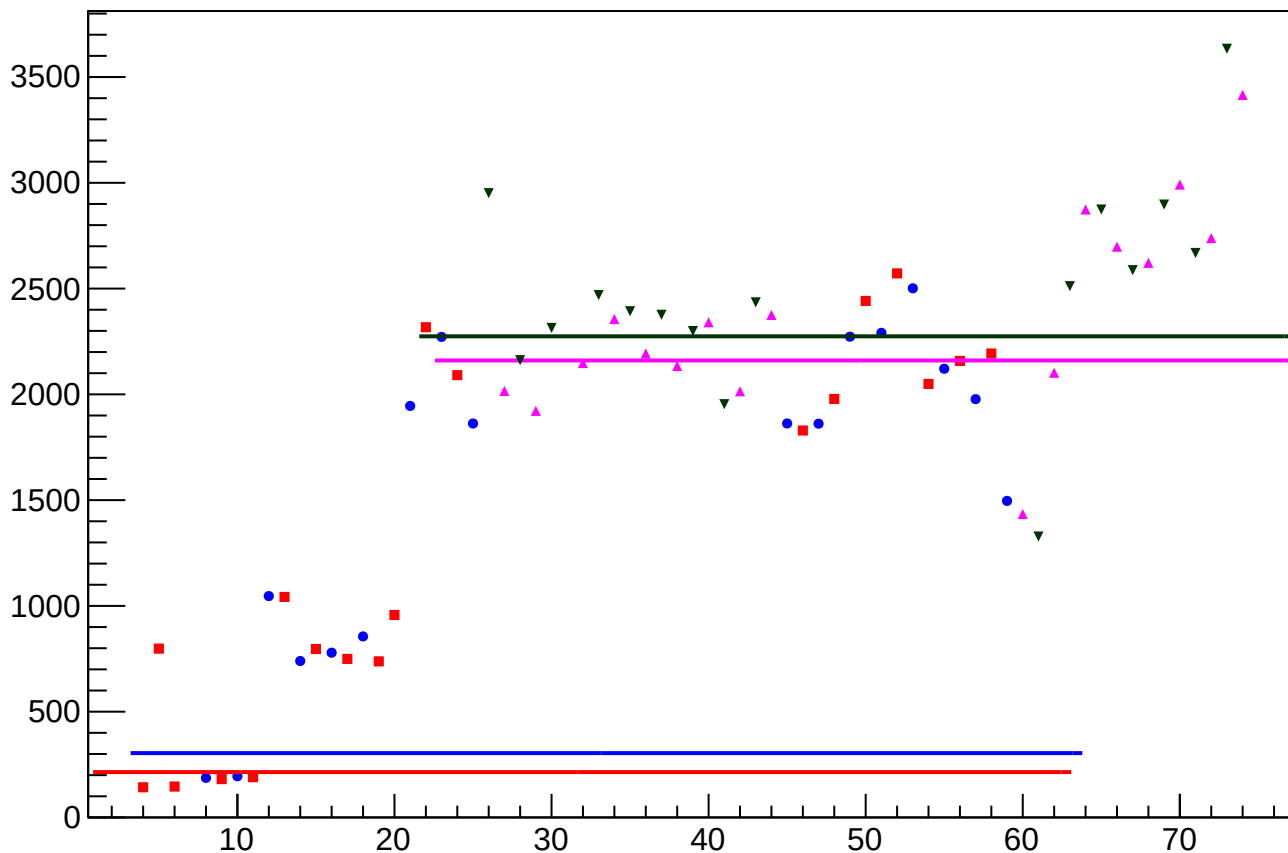
Left Out: -503.571 ± 799.138 χ^2/NDF : 6.2/15

Right Out: 32.333 ± 106.845 χ^2/NDF : 13.7/18

Left In: 2148.487 ± 712.143 χ^2/NDF : 21.1/16

18.589 ± 84.483 χ^2/NDF : 68.9/68

asym_atl2_rms vs slug



Right In: 304.170+/-0.101 χ^2/NDF : 12489144.7/16

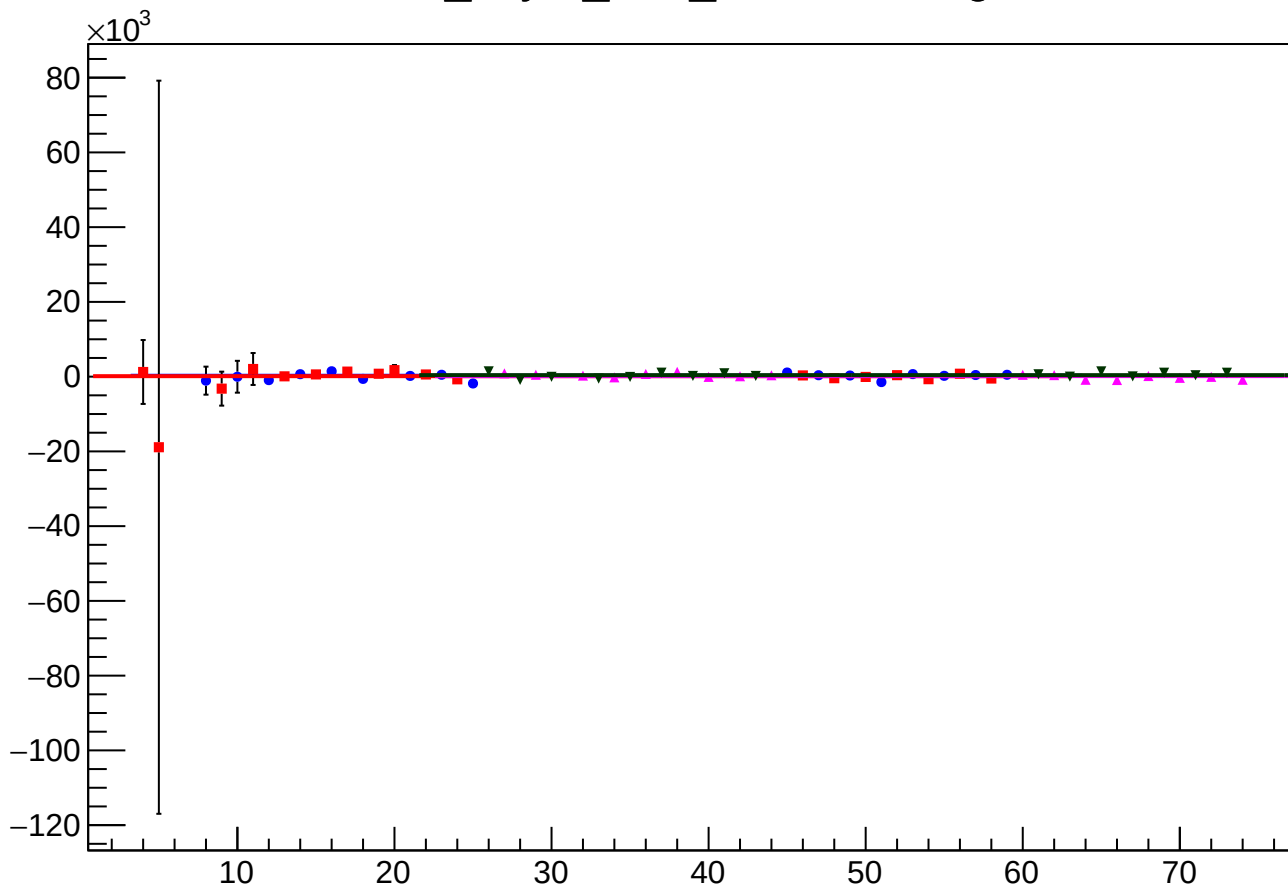
Left Out: 2274.310+/-0.565 χ^2/NDF : 812389.3/15

Right Out: 214.437+/-0.076 χ^2/NDF : 11102417.5/18

Left In: 2160.148+/-0.504 χ^2/NDF : 701661.0/16

296.207+/-0.060 χ^2/NDF : 52238640.7/68

dit_asym_atr1_mean vs slug



Right In: 238.304 $\pm$ 186.886 χ^2 /NDF: 15.6/16

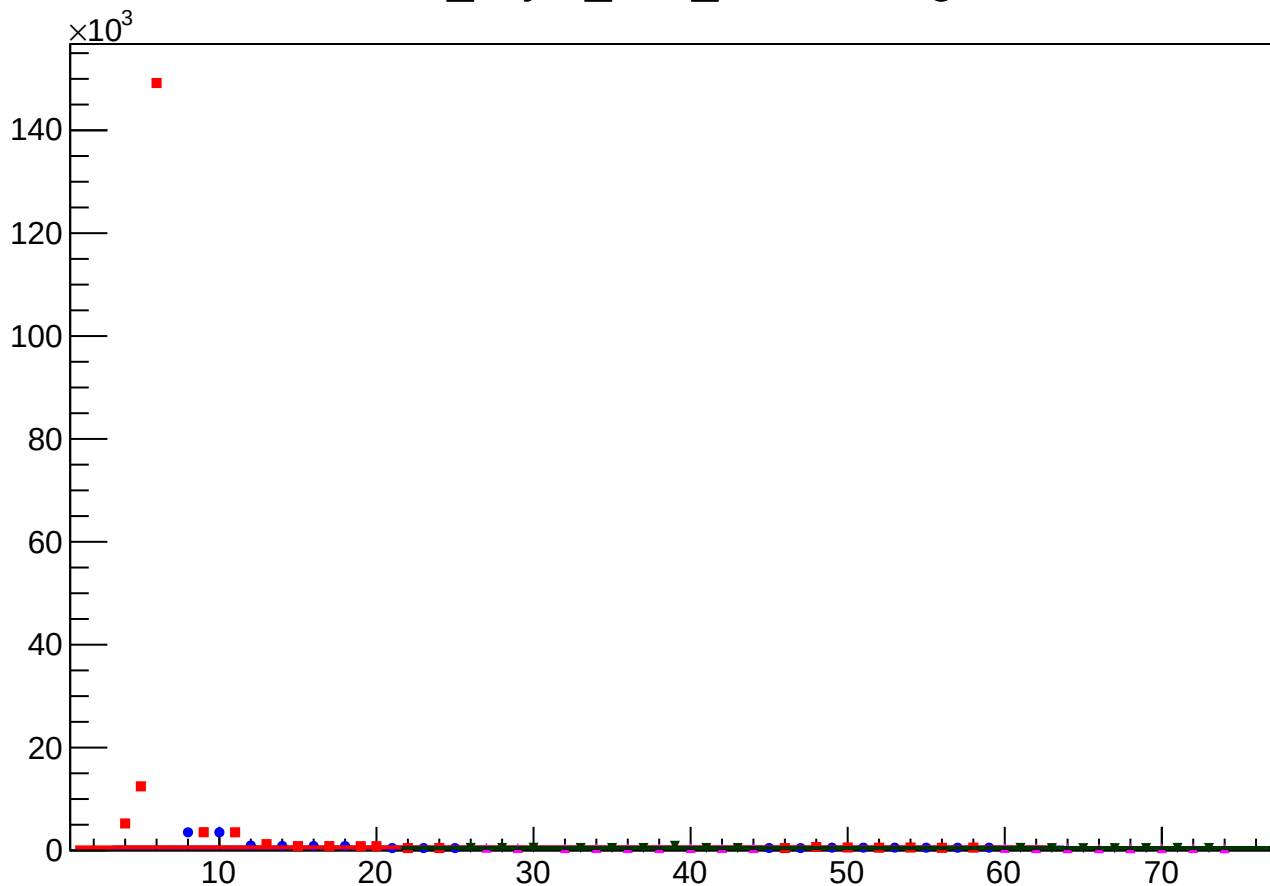
Left Out: 402.223 $\pm$ 166.276 χ^2 /NDF:17.4/15

Right Out: 127.617 $\pm$ 220.895 χ^2 /NDF: 9.3/17

Left In: 143.968 $\pm$ 152.265 χ^2 /NDF:14.9/16

235.124 $\pm$ 88.241 χ^2 /NDF: 58.8/67

dit_asym_atr1_rms vs slug



Right In: 567.117 $\pm$ 0.132 χ^2 /NDF: 3221593.9/16

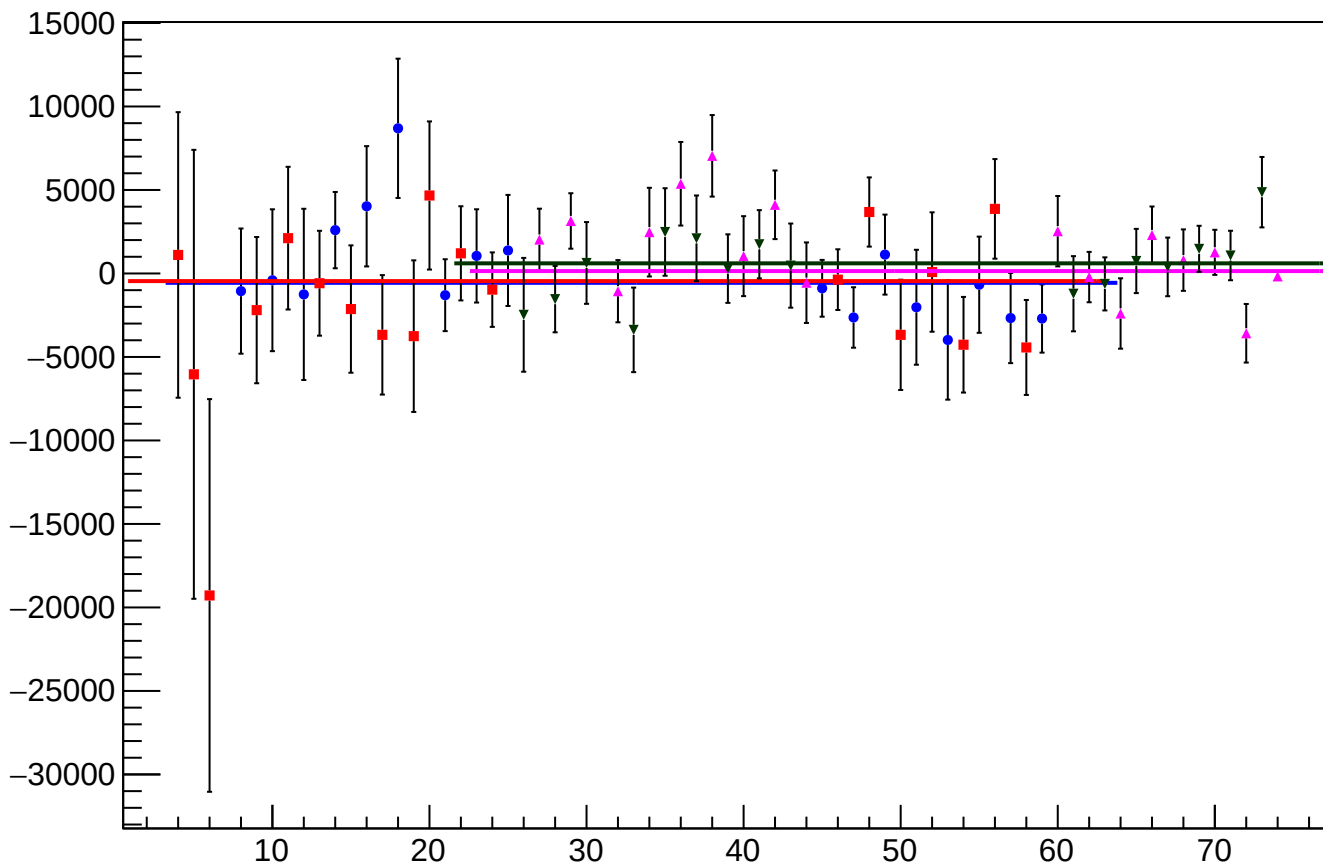
Left Out: 481.737 $\pm$ 0.118 χ^2 /NDF: 291862.2/15

Right Out: 599.141 $\pm$ 0.156 χ^2 /NDF: 4647971.0/18

Left In: 470.157 $\pm$ 0.108 χ^2 /NDF: 43739.9/16

515.618 $\pm$ 0.062 χ^2 /NDF: 8904293.7/68

asym_atr1_mean vs slug



Right In: -560.221 ± 644.085 χ^2/NDF : 13.9/16

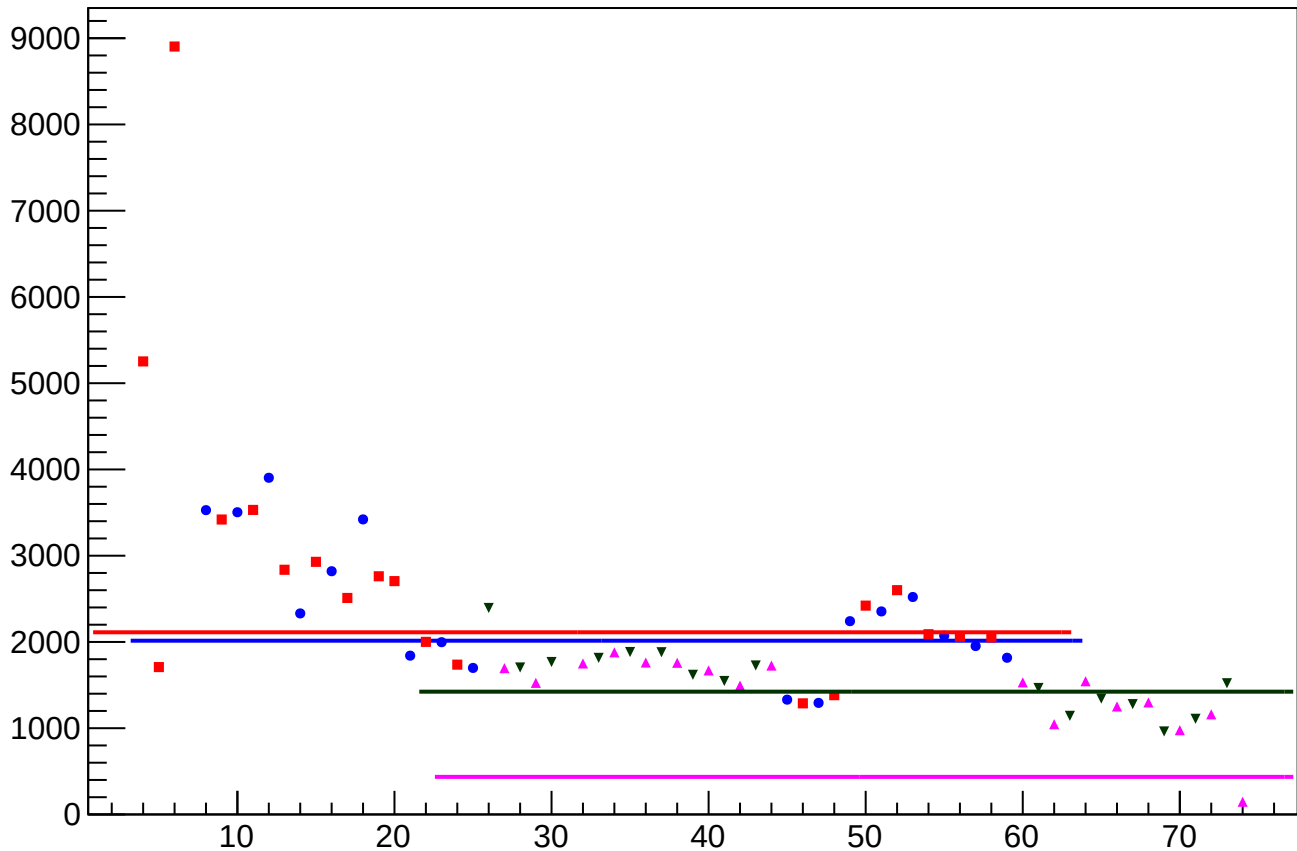
Left Out: 606.996 ± 500.875 χ^2/NDF : 11.5/15

107.736 ± 190.387 χ^2/NDF : 78.5/68

Right Out: -457.264 ± 730.955 χ^2/NDF : 17.3/18

Left In: 142.805 ± 227.507 χ^2/NDF : 33.0/16

asym_atr1_rms vs slug



Right In: 2014.520+/-0.455 χ^2/NDF : 1979209.1/16

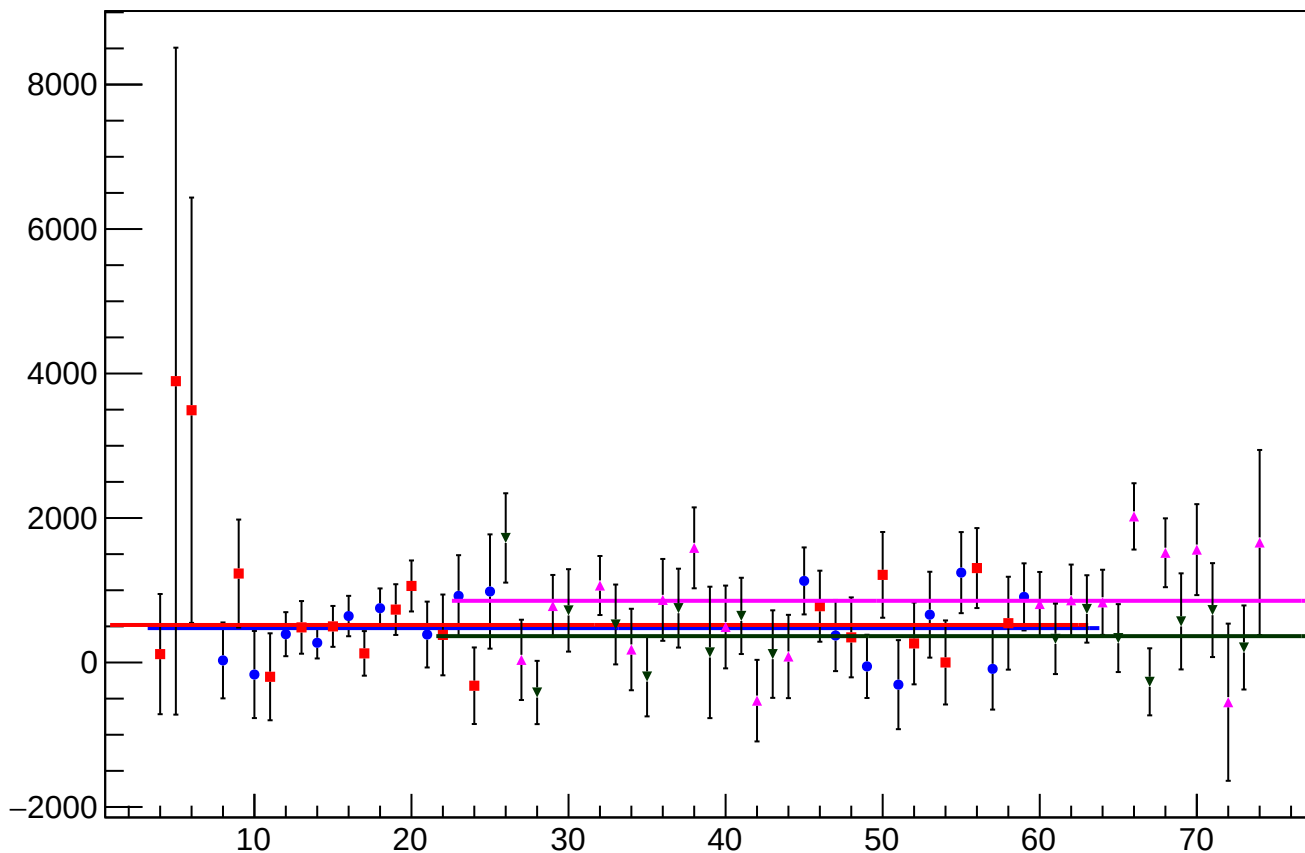
Left Out: 1423.561+/-0.354 χ^2/NDF : 866190.4/15

830.111+/-0.135 χ^2/NDF : 38620567.7/68

Right Out: 2112.150+/-0.517 χ^2/NDF : 2412539.4/18

Left In: 435.701+/-0.161 χ^2/NDF : 11628528.3/16

dit_asym_atr2_mean vs slug



Right In: 475.946+/-97.794 χ^2/NDF : 14.2/16

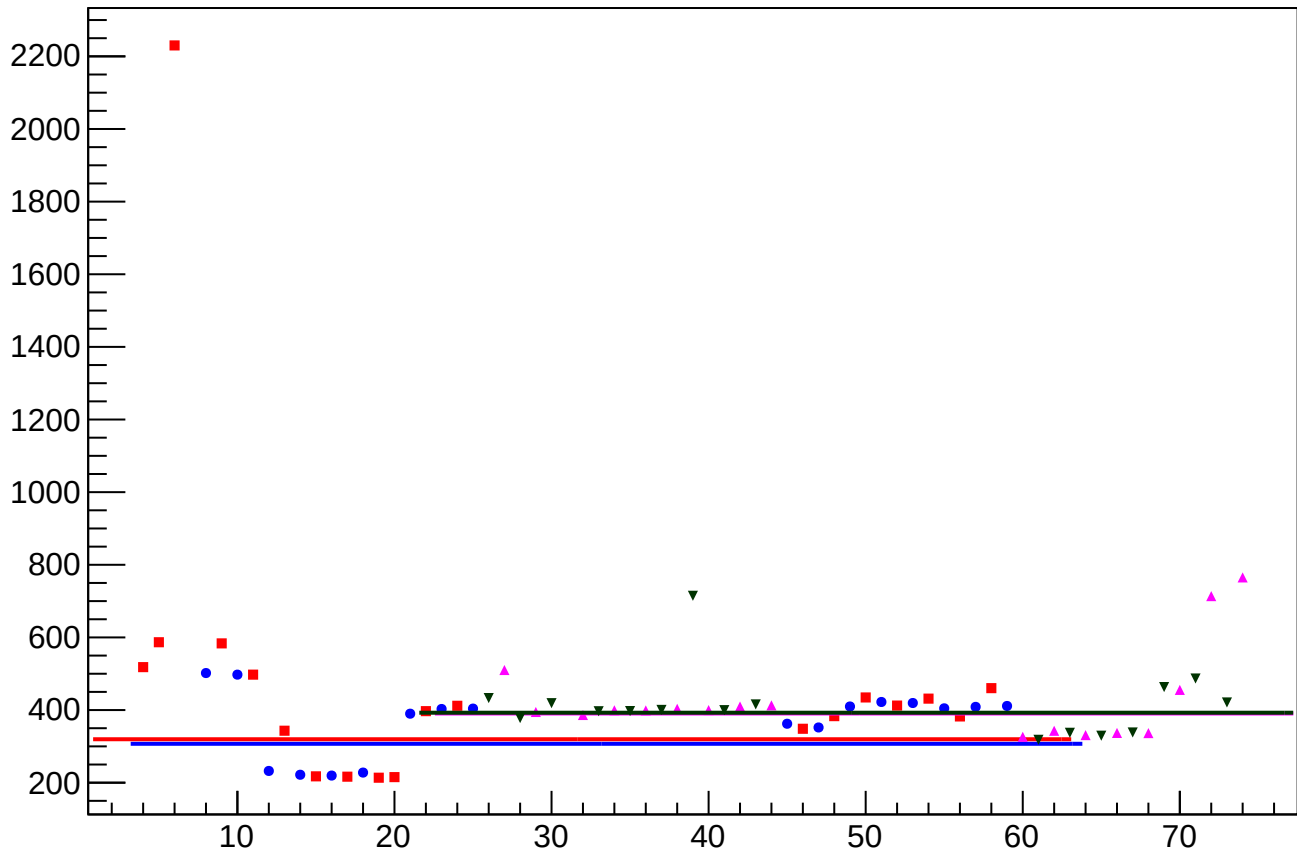
Left Out: 364.840+/-136.229 χ^2/NDF : 13.5/15

543.943+/-57.684 χ^2/NDF : 77.2/68

Right Out: 519.441+/-110.721 χ^2/NDF : 15.8/18

Left In: 853.971+/-128.556 χ^2/NDF : 25.6/16

dit_asym_atr2_rms vs slug



Right In: 307.111+/-0.069 χ^2/NDF : 1944495.7/16

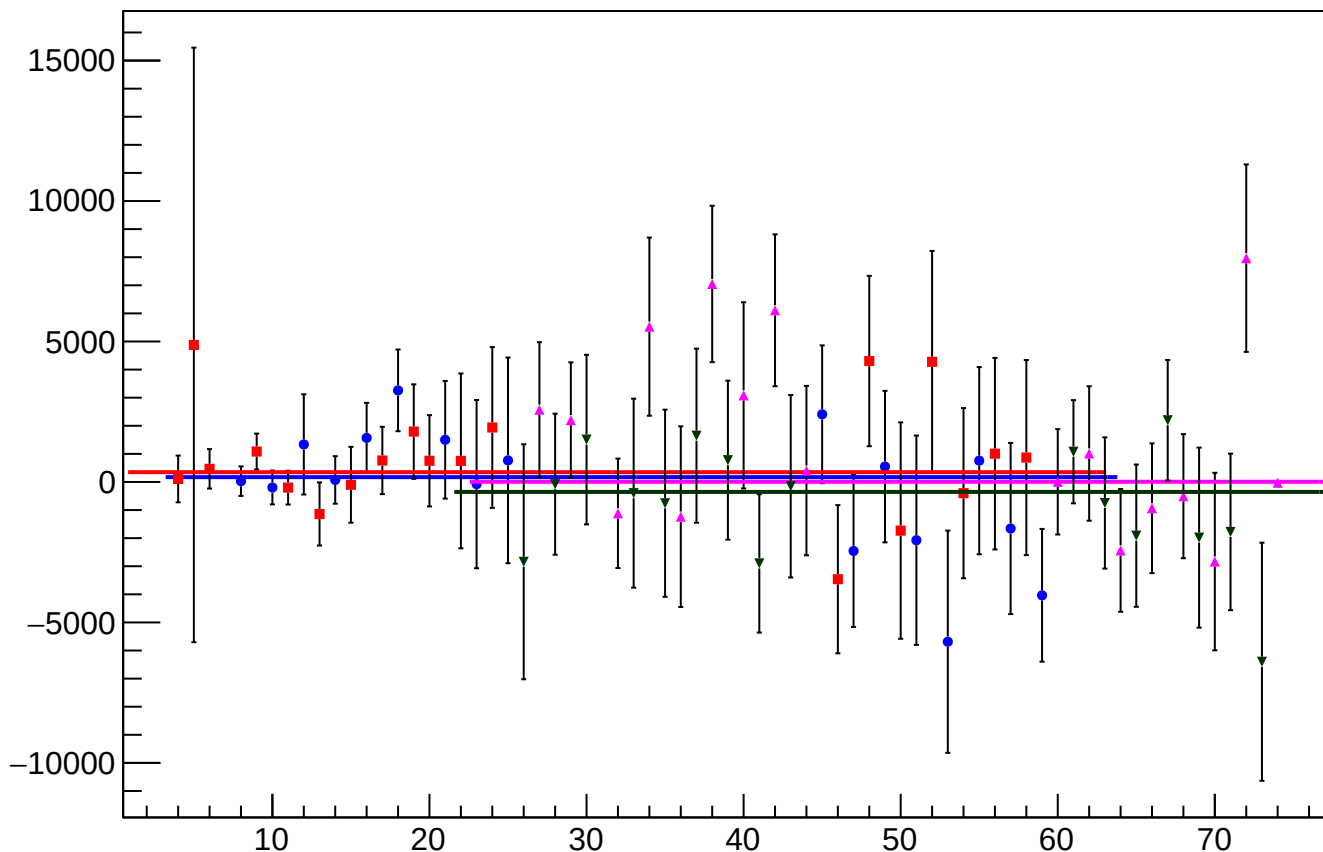
Left Out: 392.672+/-0.096 χ^2/NDF : 477324.1/15

342.640+/-0.041 χ^2/NDF : 6629763.5/68

Right Out: 319.630+/-0.078 χ^2/NDF : 2692354.3/18

Left In: 390.500+/-0.091 χ^2/NDF : 618266.1/16

asym_atr2_mean vs slug



Right In: 171.817 $\pm$ 307.473 χ^2 /NDF: 15.0/16

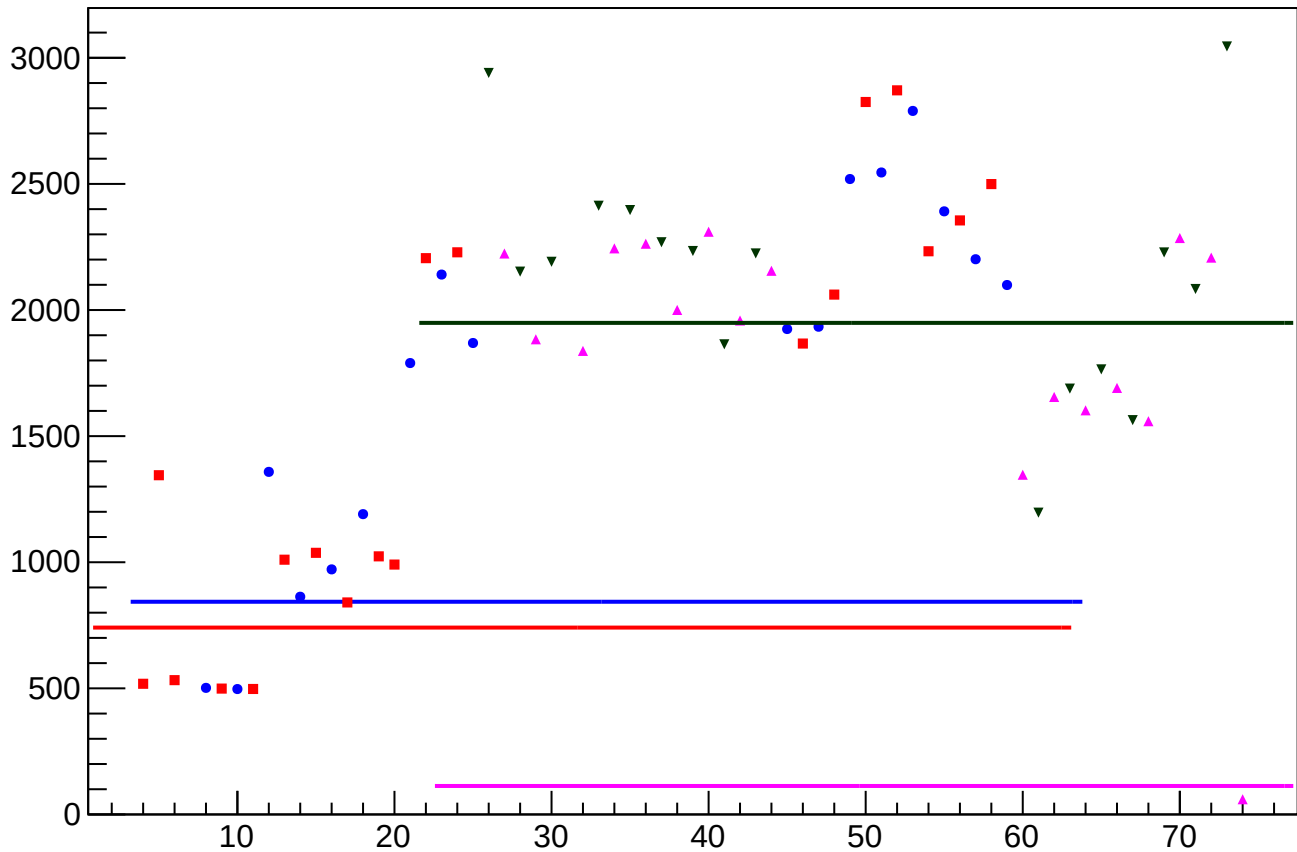
Left Out: -354.650 $\pm$ 685.591 χ^2 /NDF: 7.4/15

Right Out: 348.024 $\pm$ 284.563 χ^2 /NDF: 10.8/18

Left In: 7.342 $\pm$ 106.409 χ^2 /NDF: 26.4/16

53.004 $\pm$ 93.918 χ^2 /NDF: 61.3/68

asym_atr2_rms vs slug



Right In: 843.335+/-0.217 χ^2/NDF : 6531179.8/16

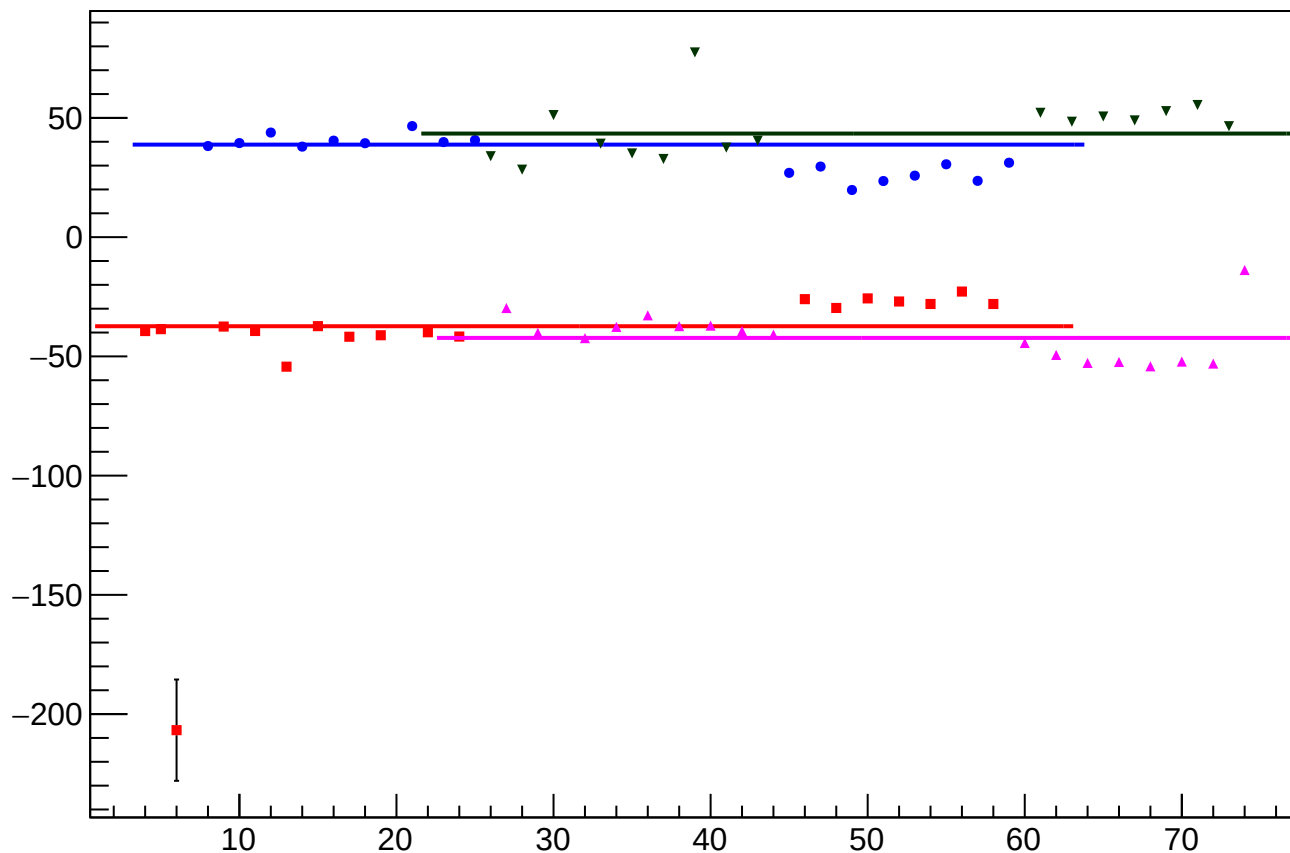
Left Out: 1949.060+/-0.485 χ^2/NDF : 860278.1/15

Right Out: 740.931+/-0.201 χ^2/NDF : 5611365.4/18

Left In: 112.935+/-0.075 χ^2/NDF : 16669099.0/16

283.945+/-0.066 χ^2/NDF : 58412667.4/68

dit_usl_4aX_slope vs slug



Right In: 38.801+/-0.030 χ^2/NDF : 23790.5/16

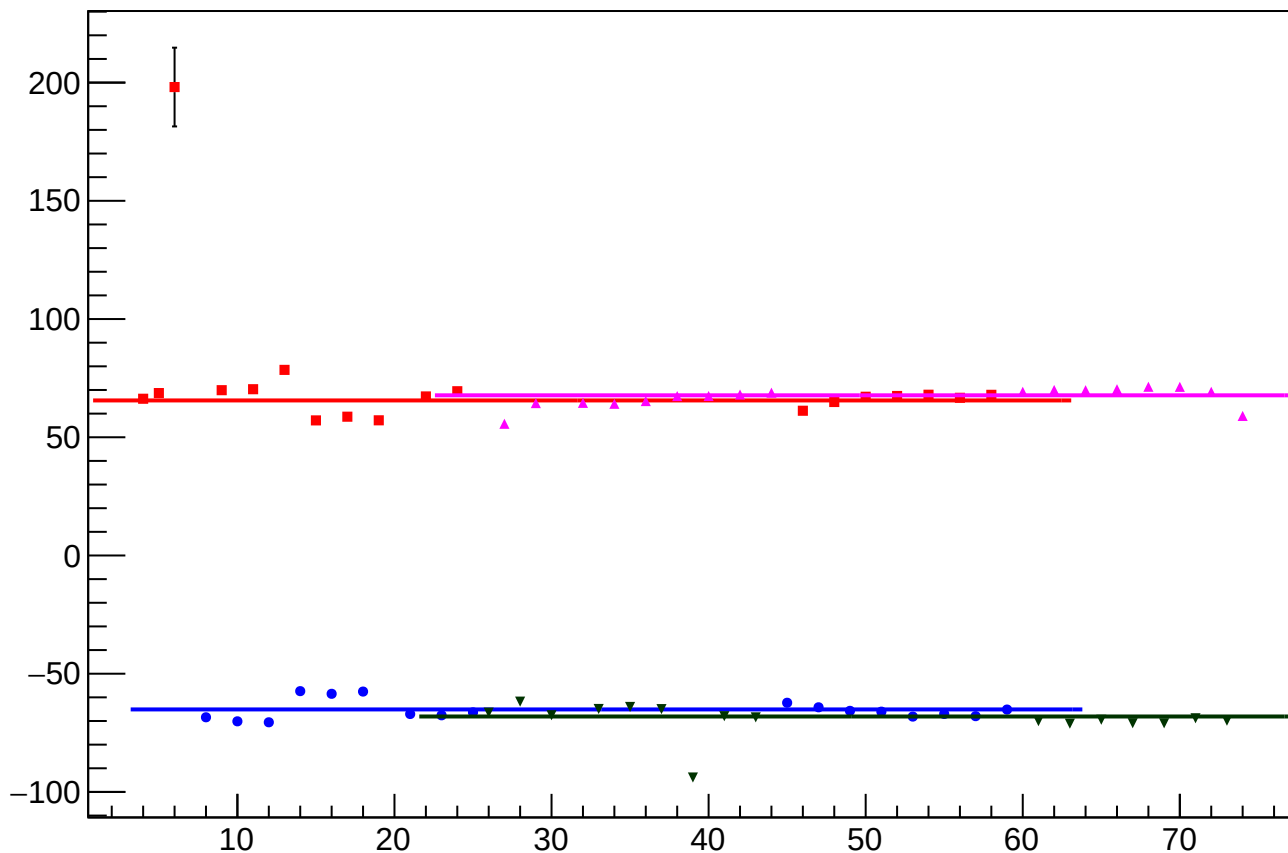
Left Out: 43.437+/-0.049 χ^2/NDF : 33510.3/15

Right Out: -37.356+/-0.039 χ^2/NDF : 20679.0/17

Left In: -42.250+/-0.048 χ^2/NDF : 24536.3/16

7.345+/-0.020 χ^2/NDF : 4104574.0/67

dit_usl_4eX_slope vs slug



Right In: -65.107 ± 0.007 $\chi^2/\text{NDF}: 541507.5/16$

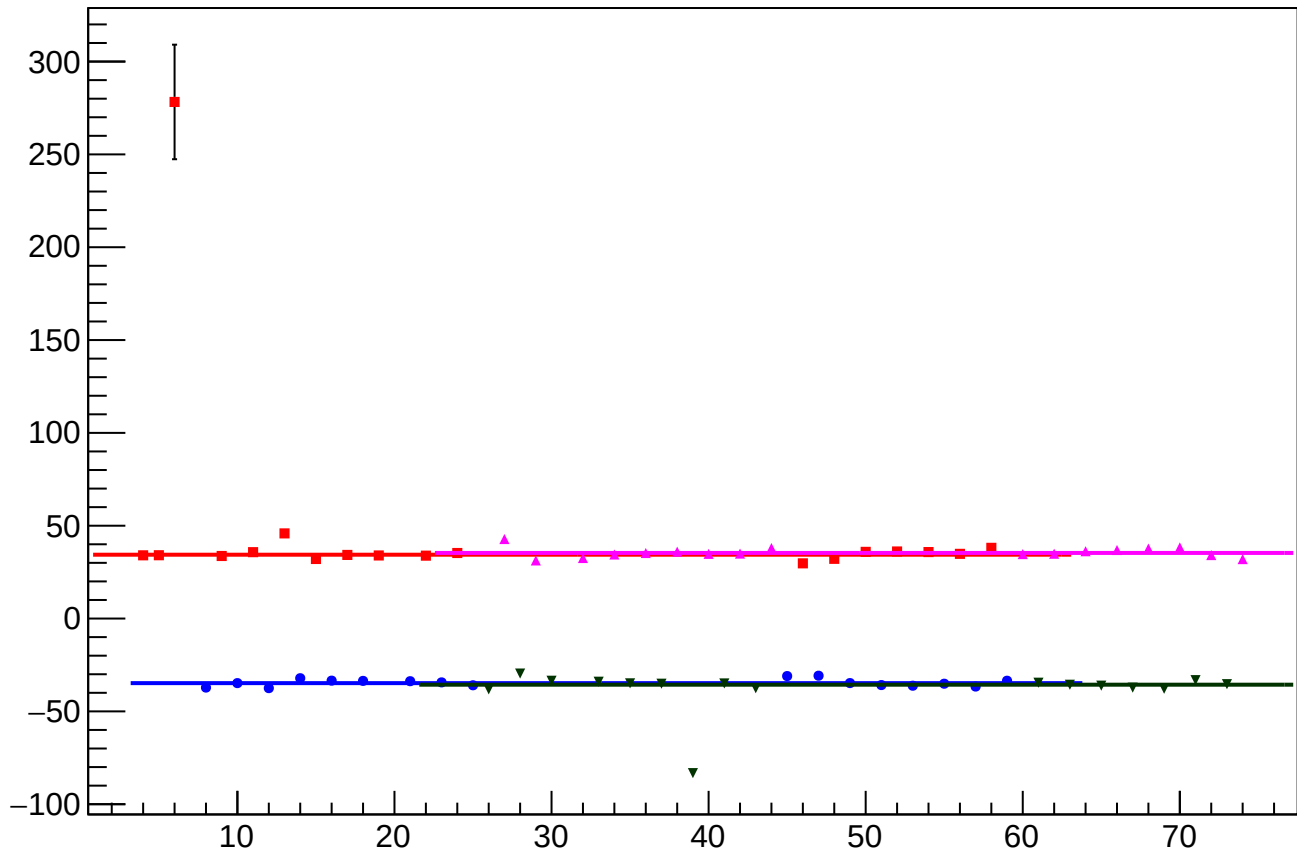
Left Out: -68.094 ± 0.006 $\chi^2/\text{NDF}: 173398.6/15$

Right Out: 65.577 ± 0.006 $\chi^2/\text{NDF}: 716038.8/17$

Left In: 67.741 ± 0.007 $\chi^2/\text{NDF}: 125335.5/16$

-3.969 ± 0.003 $\chi^2/\text{NDF}: 446538225.8/67$

dit_usl_11X12X_slope vs slug



Right In: -34.786 ± 0.004 $\chi^2/\text{NDF}: 263616.5/16$

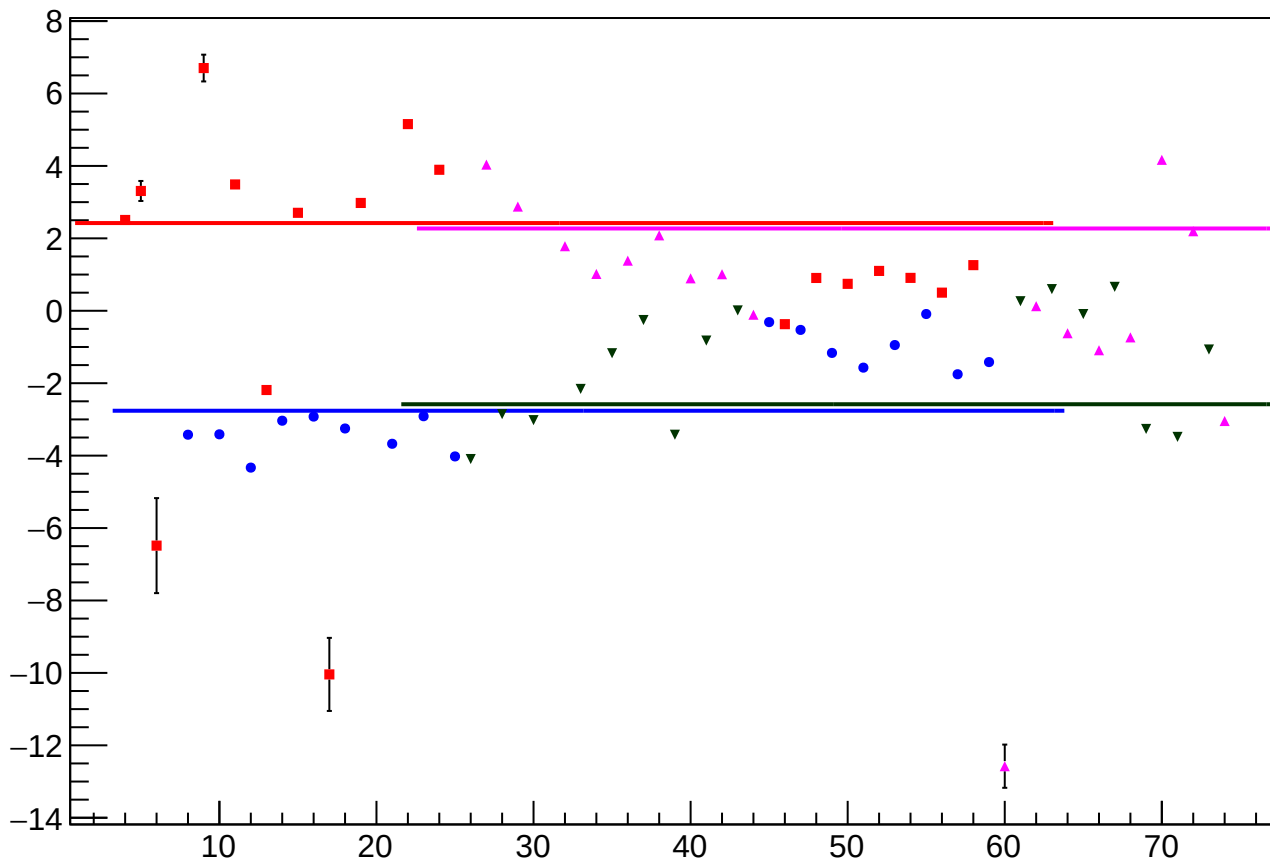
Left Out: -35.627 ± 0.004 $\chi^2/\text{NDF}: 190194.6/15$

Right Out: 34.382 ± 0.006 $\chi^2/\text{NDF}: 64298.1/17$

Left In: 35.339 ± 0.004 $\chi^2/\text{NDF}: 236978.6/16$

-6.823 ± 0.002 $\chi^2/\text{NDF}: 250882684.0/67$

dit_usl_4aY_slope vs slug



Right In: -2.760 ± 0.005 $\chi^2/\text{NDF}: 49546.6/16$

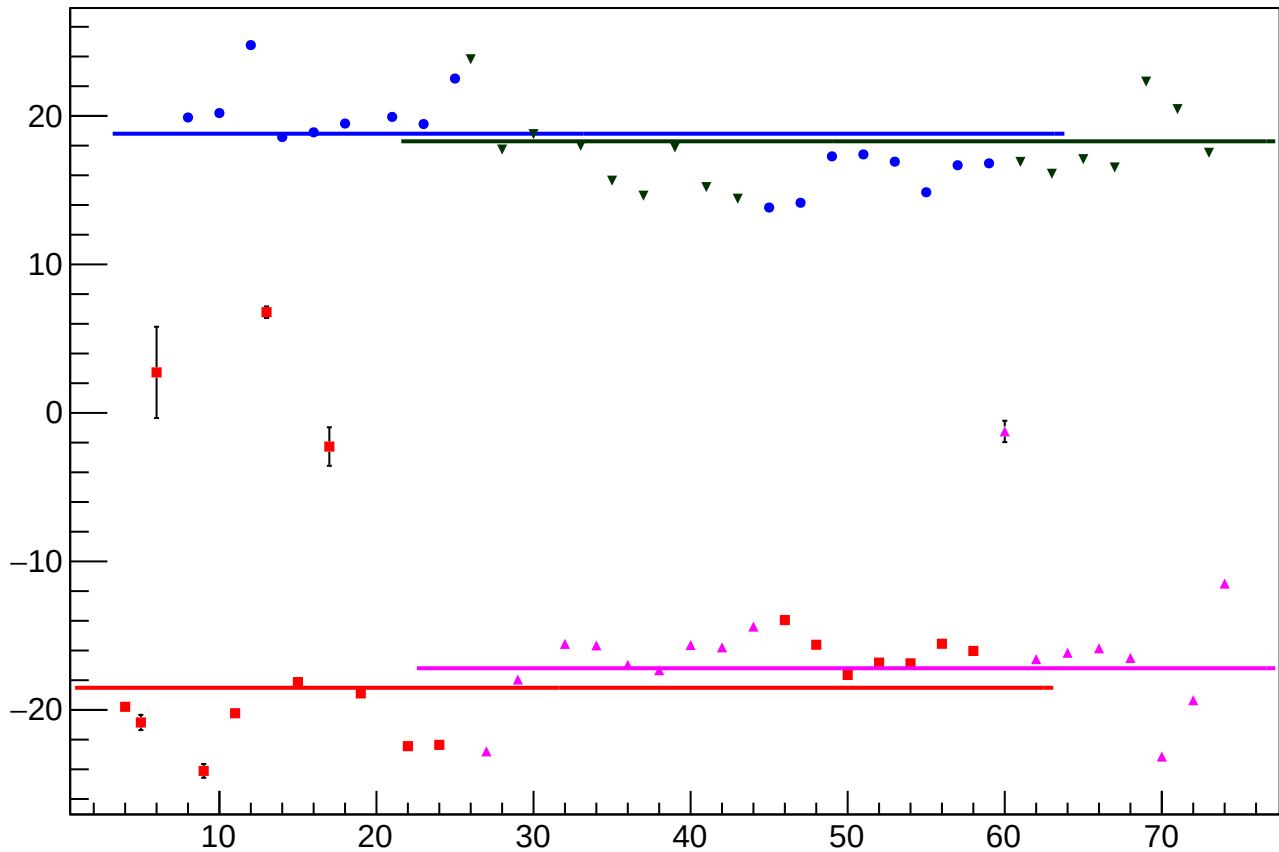
Left Out: -2.581 ± 0.007 $\chi^2/\text{NDF}: 30738.6/15$

Right Out: 2.422 ± 0.008 $\chi^2/\text{NDF}: 23330.6/17$

Left In: 2.272 ± 0.007 $\chi^2/\text{NDF}: 47473.1/16$

-0.893 ± 0.003 $\chi^2/\text{NDF}: 714808.1/67$

dit_usl_4eY_slope vs slug



Right In: 18.801 ± 0.008 $\chi^2/\text{NDF}: 103088.3/16$

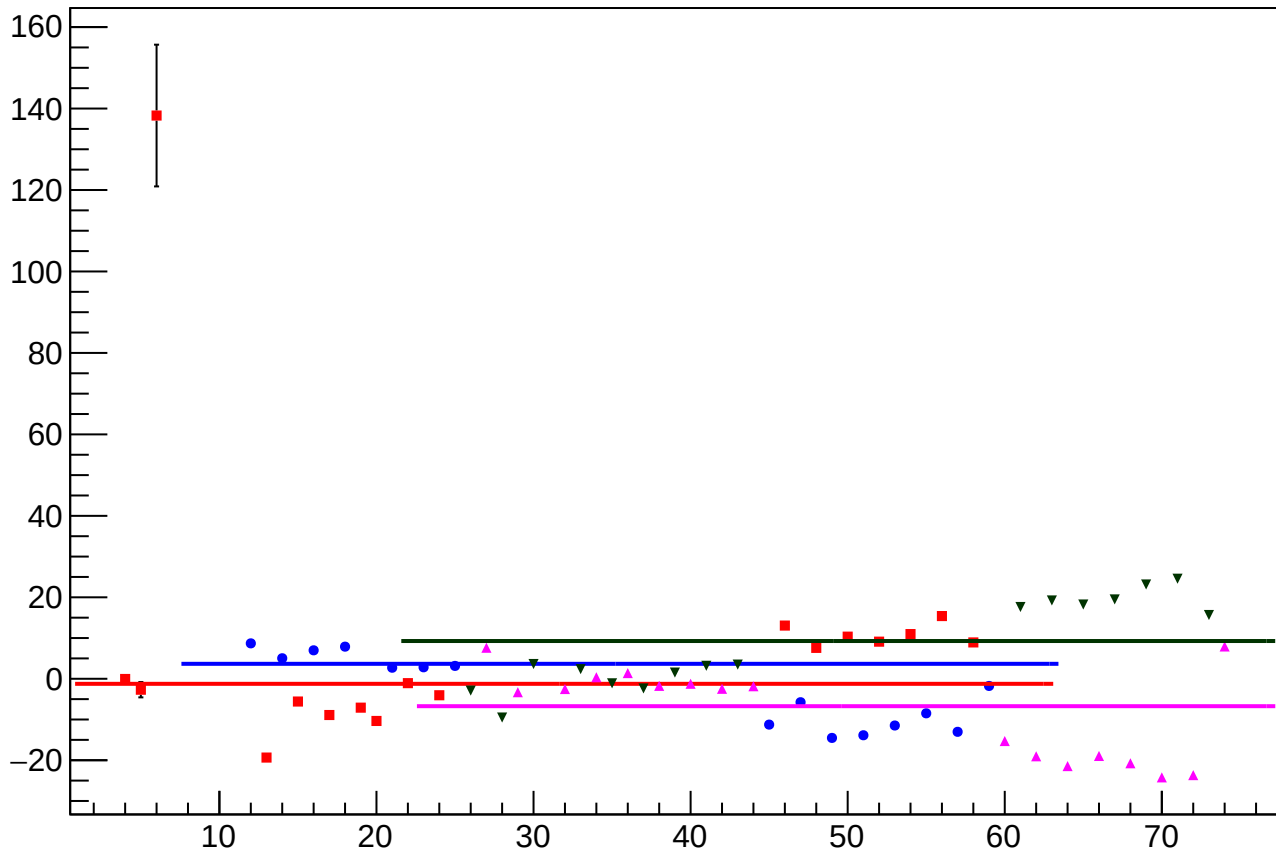
Left Out: 18.290 ± 0.011 $\chi^2/\text{NDF}: 50221.3/15$

Right Out: -18.509 ± 0.013 $\chi^2/\text{NDF}: 29757.7/17$

Left In: -17.194 ± 0.011 $\chi^2/\text{NDF}: 34792.8/16$

5.135 ± 0.005 $\chi^2/\text{NDF}: 11871280.0/67$

dit_usr_4aX_slope vs slug



Right In: 3.671 ± 0.024 $\chi^2/\text{NDF}: 65073.5/14$

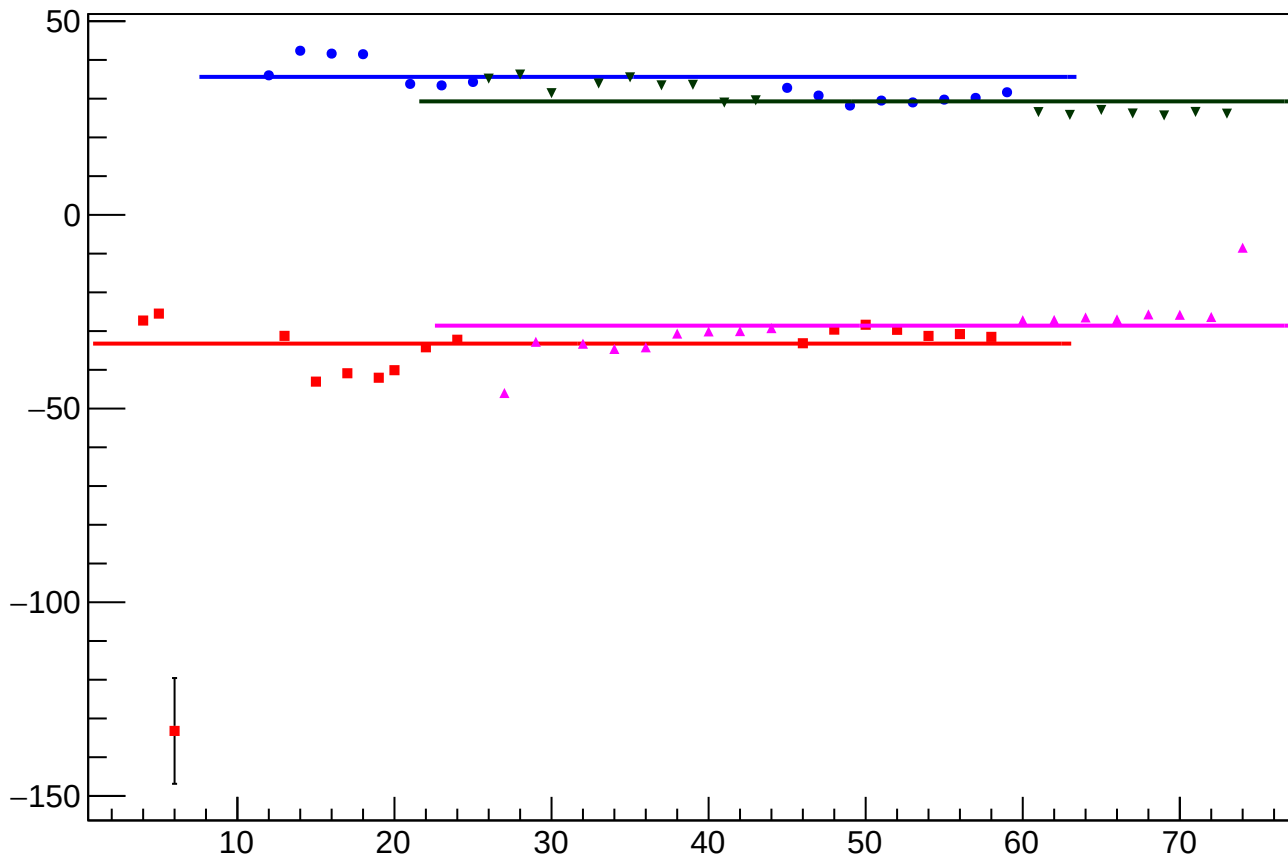
Left Out: 9.268 ± 0.032 $\chi^2/\text{NDF}: 109764.5/15$

1.436 ± 0.015 $\chi^2/\text{NDF}: 486387.7/64$

Right Out: -1.240 ± 0.035 $\chi^2/\text{NDF}: 49459.9/16$

Left In: -6.731 ± 0.029 $\chi^2/\text{NDF}: 107339.0/16$

dit_usr_4eX_slope vs slug



Right In: 35.624+/-0.005 χ^2/NDF : 1233327.3/14

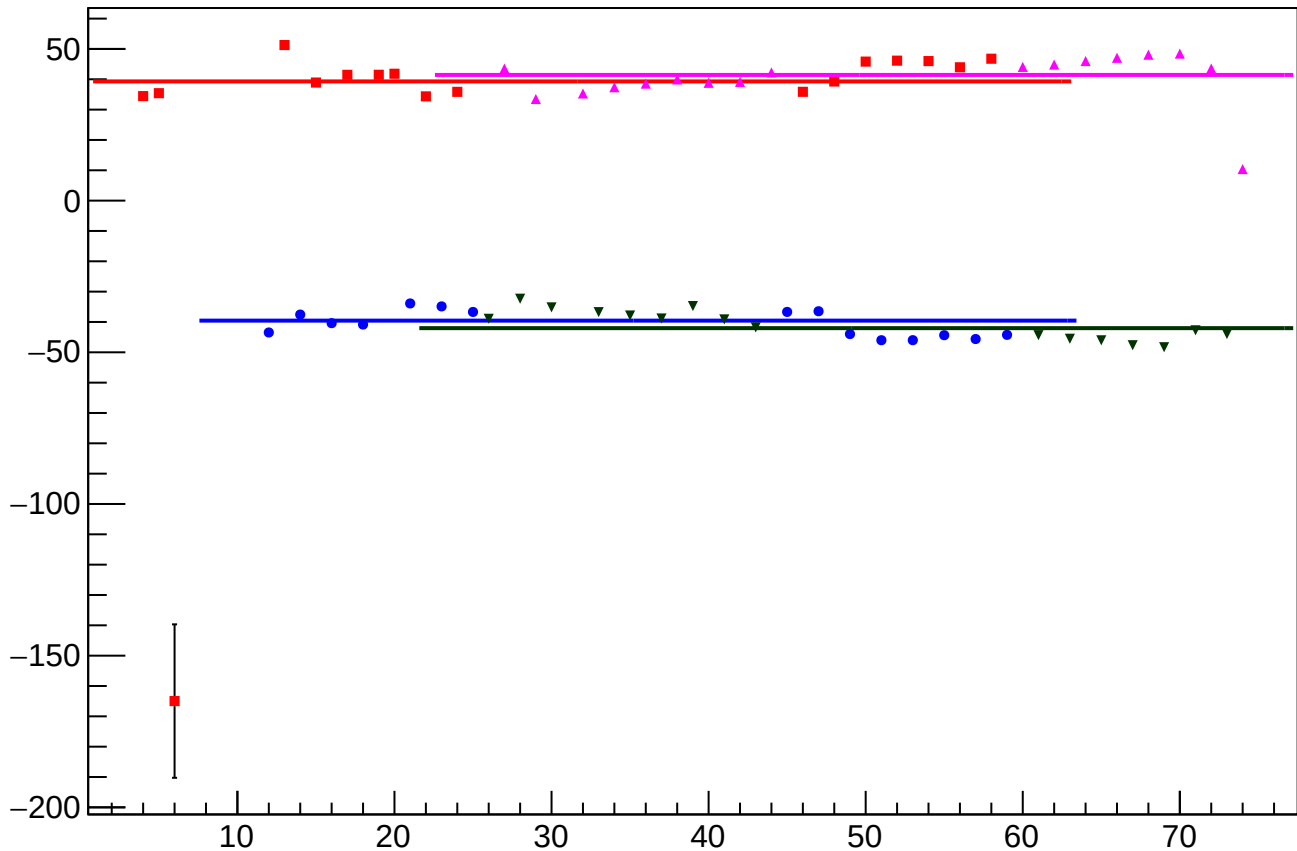
Left Out: 29.300+/-0.005 χ^2/NDF : 471000.4/15

Right Out: -33.230+/-0.007 χ^2/NDF : 473965.9/16

Left In: -28.593+/-0.005 χ^2/NDF : 399227.2/16

4.652+/-0.003 χ^2/NDF : 143350975.5/64

dit_usr_11X12X_slope vs slug



Right In: -39.556 ± 0.003 $\chi^2/\text{NDF}: 1488389.2/14$

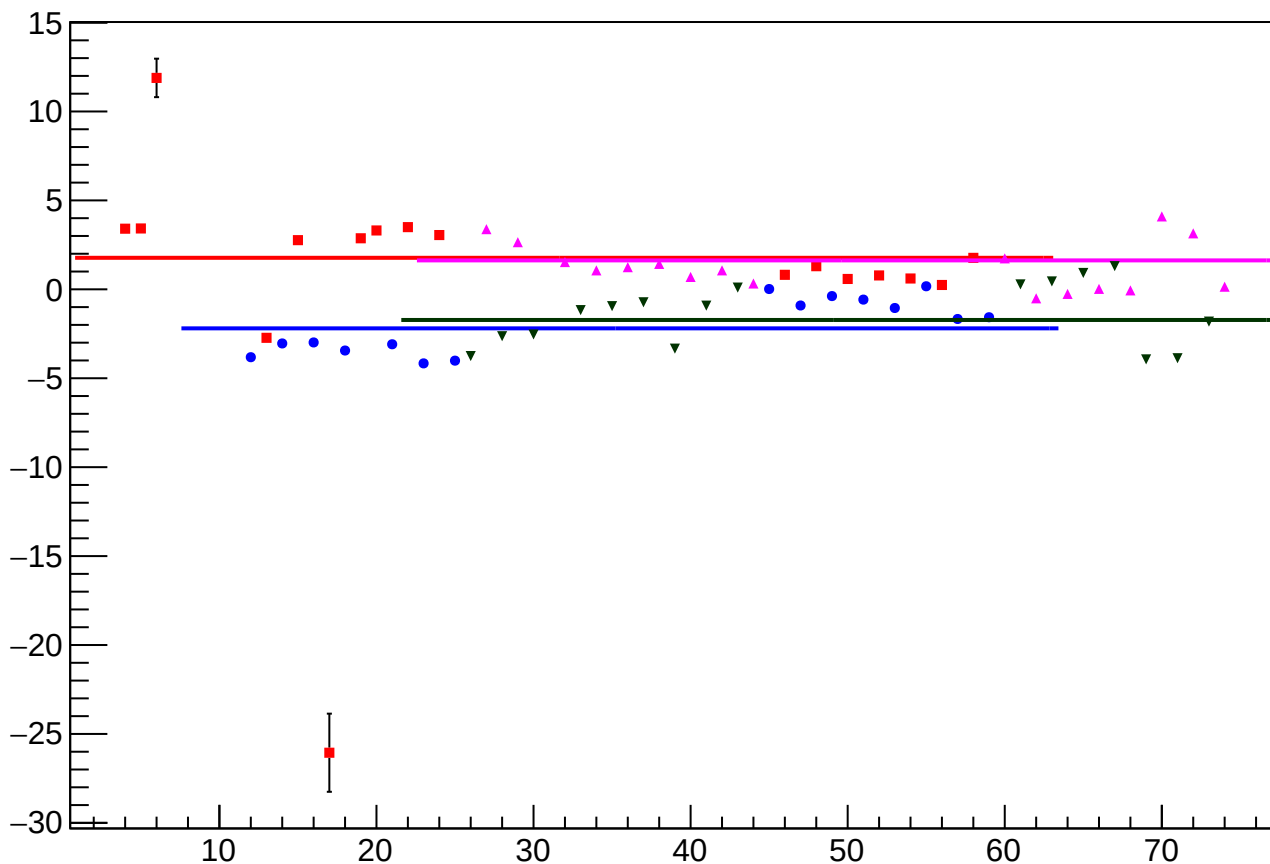
Left Out: -42.035 ± 0.003 $\chi^2/\text{NDF}: 1772071.4/15$

Right Out: 39.298 ± 0.004 $\chi^2/\text{NDF}: 992430.8/16$

Left In: 41.433 ± 0.003 $\chi^2/\text{NDF}: 1665047.9/16$

-8.957 ± 0.002 $\chi^2/\text{NDF}: 603076347.9/64$

dit_usr_4aY_slope vs slug



Right In: -2.195 ± 0.005 χ^2/NDF : 72966.6/14

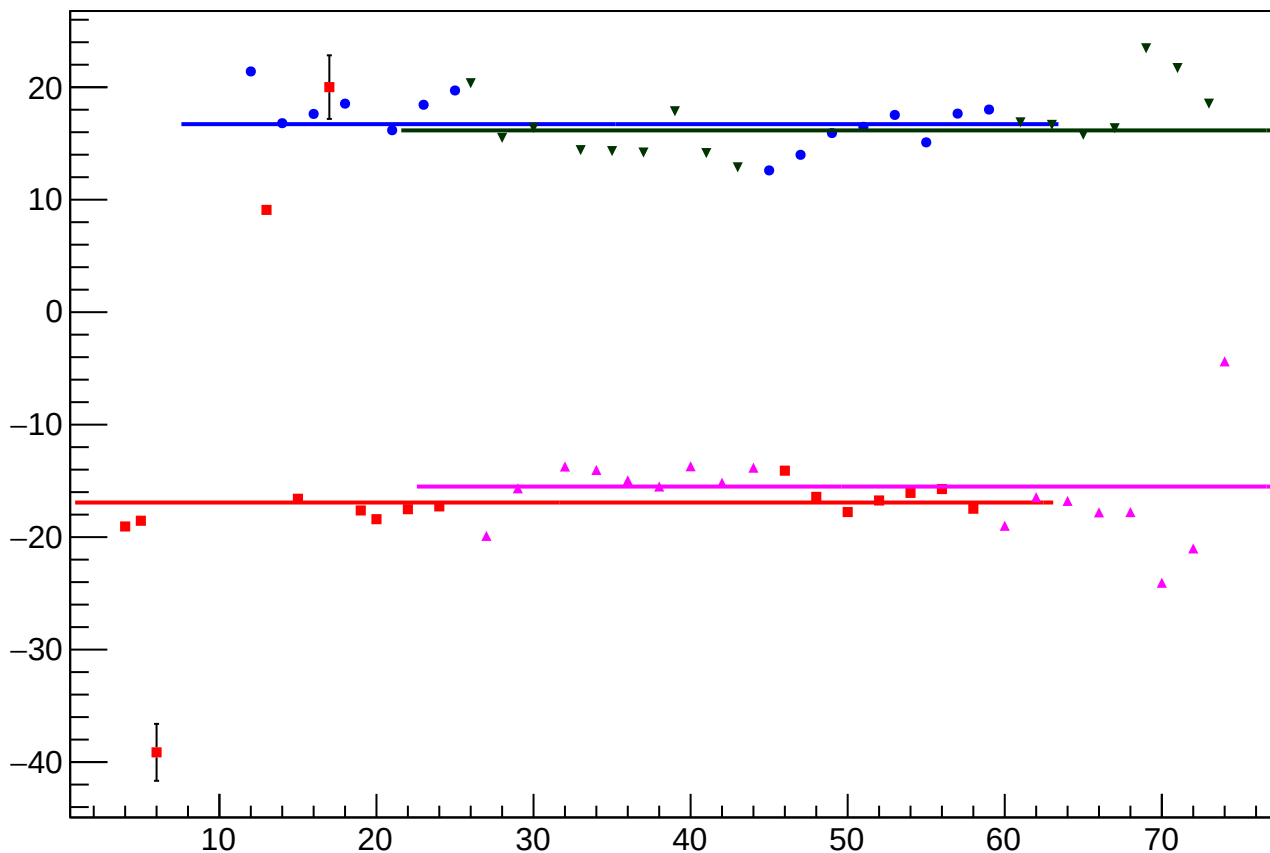
Left Out: -1.723 ± 0.006 χ^2/NDF : 56854.4/15

Right Out: 1.773 ± 0.007 χ^2/NDF : 24620.0/16

Left In: 1.627 ± 0.006 χ^2/NDF : 41210.3/16

-0.530 ± 0.003 χ^2/NDF : 582200.4/64

dit_usr_4eY_slope vs slug



Right In: 16.717 $\pm$ 0.008 χ^2 /NDF: 57931.3/14

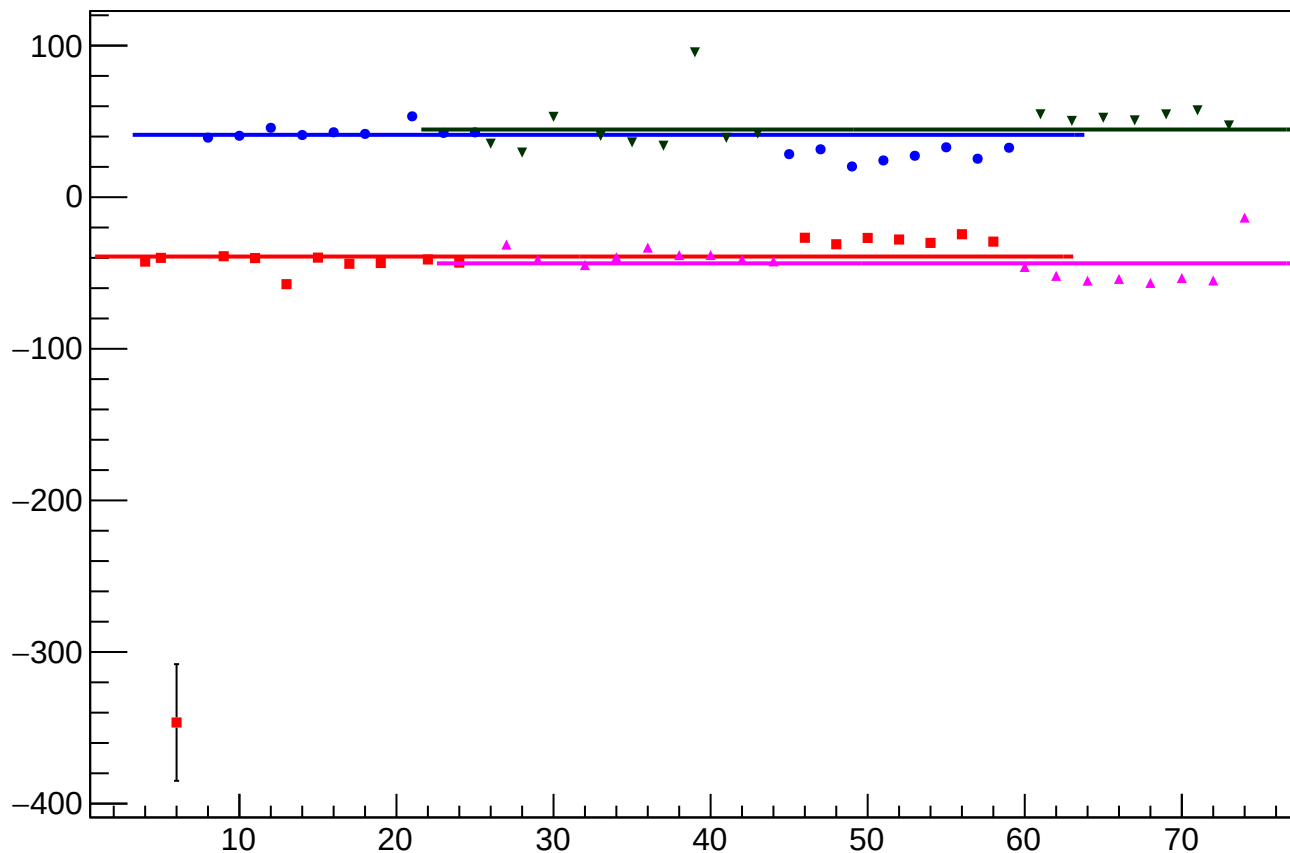
Left Out: 16.161 $\pm$ 0.010 χ^2 /NDF: 70514.3/15

Right Out: -16.923 $\pm$ 0.012 χ^2 /NDF: 9443.9/16

Left In: -15.504 $\pm$ 0.010 χ^2 /NDF: 37532.8/16

3.245 $\pm$ 0.005 χ^2 /NDF: 11372671.9/64

dit_dsl_4aX_slope vs slug



Right In: 41.140+/-0.032 χ^2/NDF : 21660.9/16

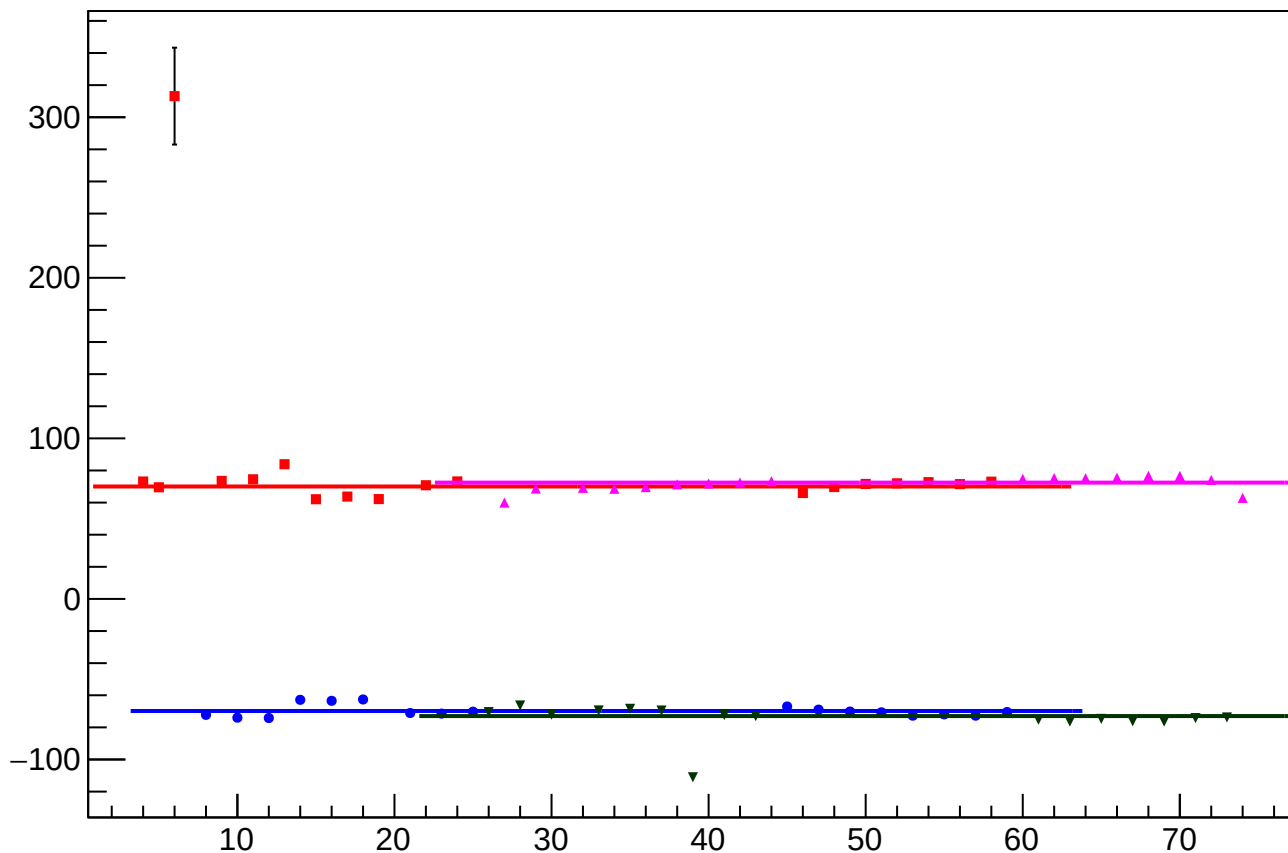
Left Out: 44.643+/-0.058 χ^2/NDF : 25426.0/15

Right Out: -39.137+/-0.045 χ^2/NDF : 16919.3/17

Left In: -43.624+/-0.058 χ^2/NDF : 19953.1/16

10.442+/-0.022 χ^2/NDF : 3463663.6/67

dit_dsl_4eX_slope vs slug



Right In: -69.792 $\pm$ 0.006 χ^2 /NDF: 438680.2/16

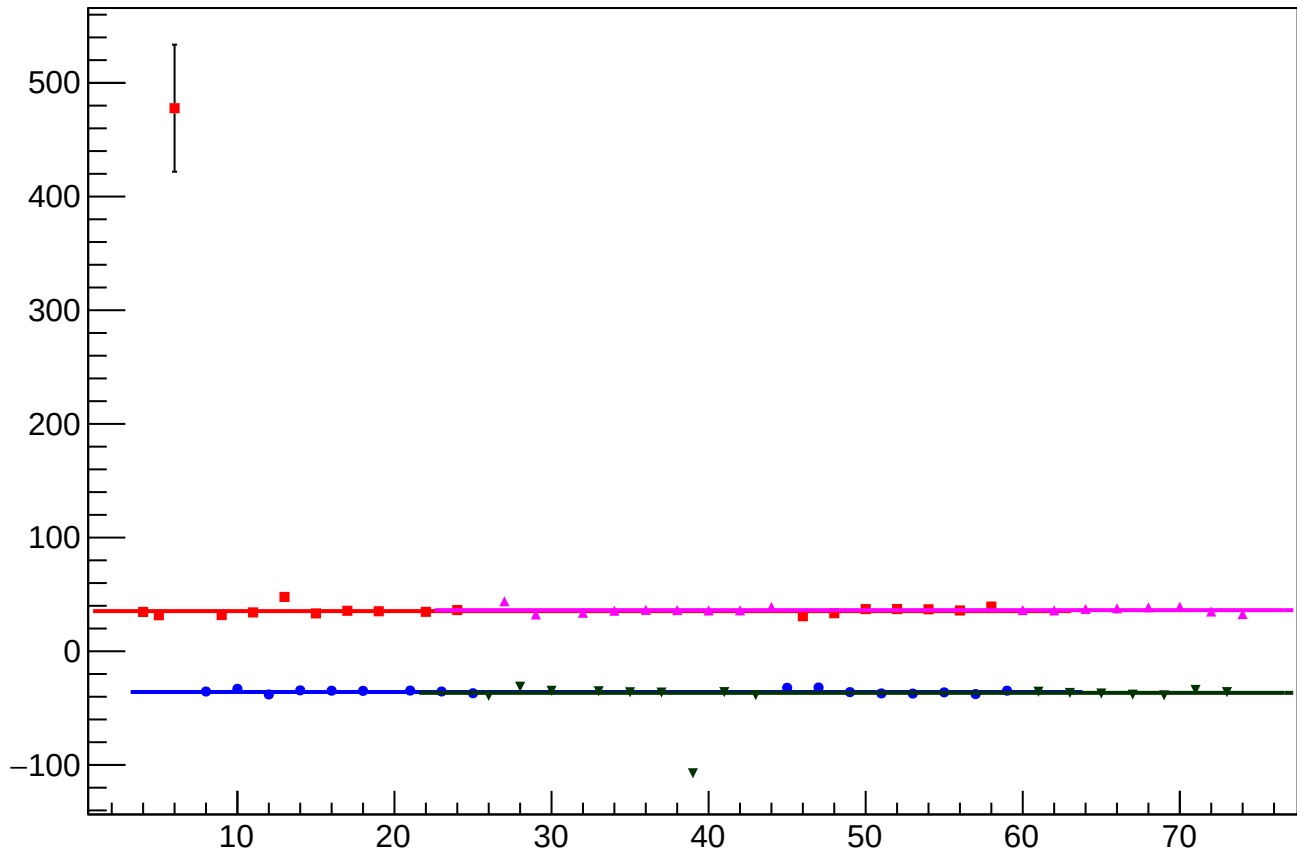
Left Out: -72.958 $\pm$ 0.006 χ^2 /NDF: 189025.6/15

Right Out: 70.027 $\pm$ 0.006 χ^2 /NDF: 598399.5/17

Left In: 72.445 $\pm$ 0.008 χ^2 /NDF: 137517.2/16

-5.925 $\pm$ 0.003 χ^2 /NDF: 465017013.5/67

dit_dsl_11X12X_slope vs slug



Right In: -35.829 $\pm$ 0.004 χ^2 /NDF: 182277.5/16

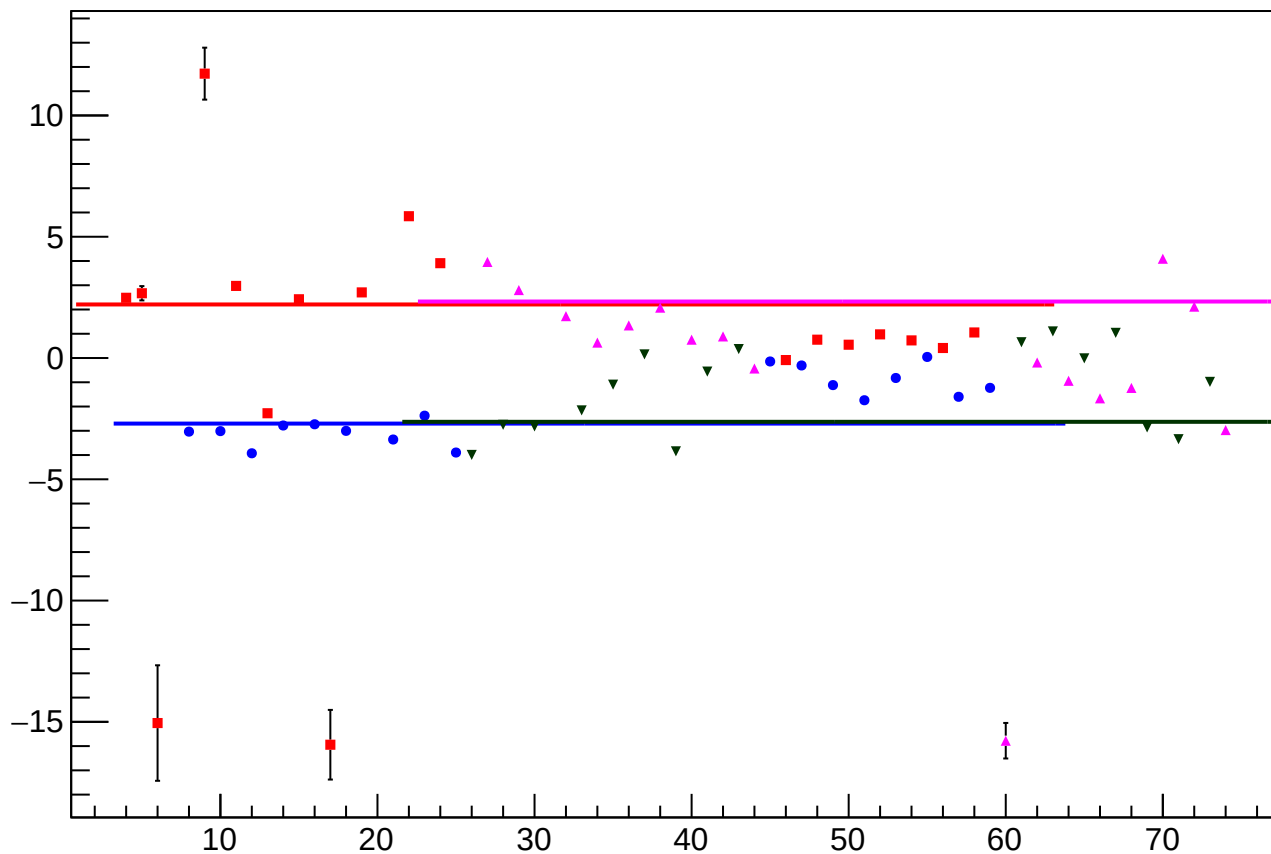
Left Out: -36.572 $\pm$ 0.004 χ^2 /NDF: 172137.7/15

Right Out: 35.333 $\pm$ 0.006 χ^2 /NDF: 60879.3/17

Left In: 36.171 $\pm$ 0.005 χ^2 /NDF: 196091.2/16

-7.490 $\pm$ 0.002 χ^2 /NDF: 225351158.0/67

dit_dsl_4aY_slope vs slug



Right In: -2.703+/-0.005 χ^2/NDF : 31022.1/16

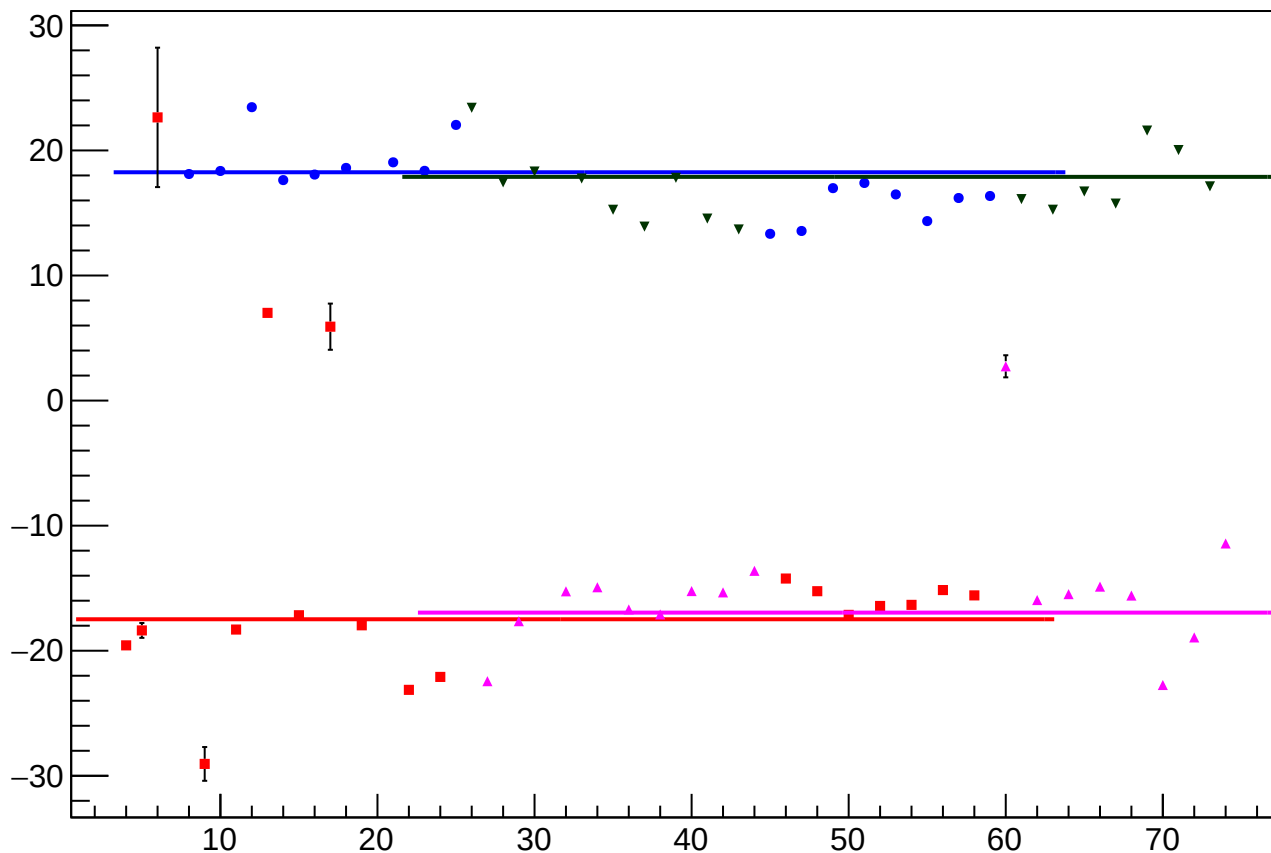
Left Out: -2.630+/-0.007 χ^2/NDF : 24047.9/15

Right Out: 2.208+/-0.009 χ^2/NDF : 17189.3/17

Left In: 2.329+/-0.008 χ^2/NDF : 35124.3/16

-1.069+/-0.003 χ^2/NDF : 576984.6/67

dit_dsl_4eY_slope vs slug



Right In: 18.255 $\pm$ 0.009 χ^2 /NDF: 73727.3/16

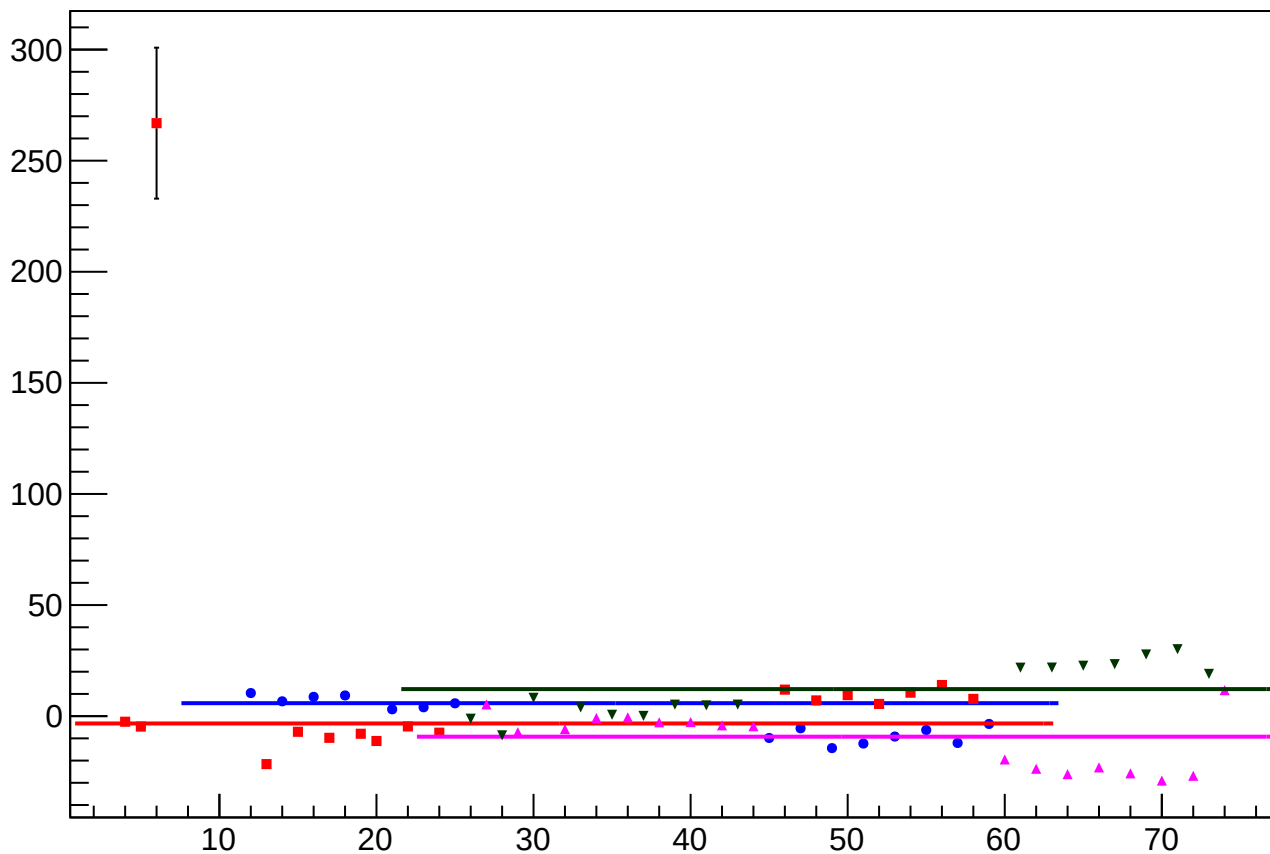
Left Out: 17.887 $\pm$ 0.011 χ^2 /NDF: 38030.7/15

Right Out: -17.484 $\pm$ 0.013 χ^2 /NDF: 21252.9/17

Left In: -16.953 $\pm$ 0.013 χ^2 /NDF: 26820.5/16

5.663 $\pm$ 0.006 χ^2 /NDF: 9535900.1/67

dit_dsr_4aX_slope vs slug



Right In: 5.832 ± 0.027 $\chi^2/\text{NDF}: 44444.7/14$

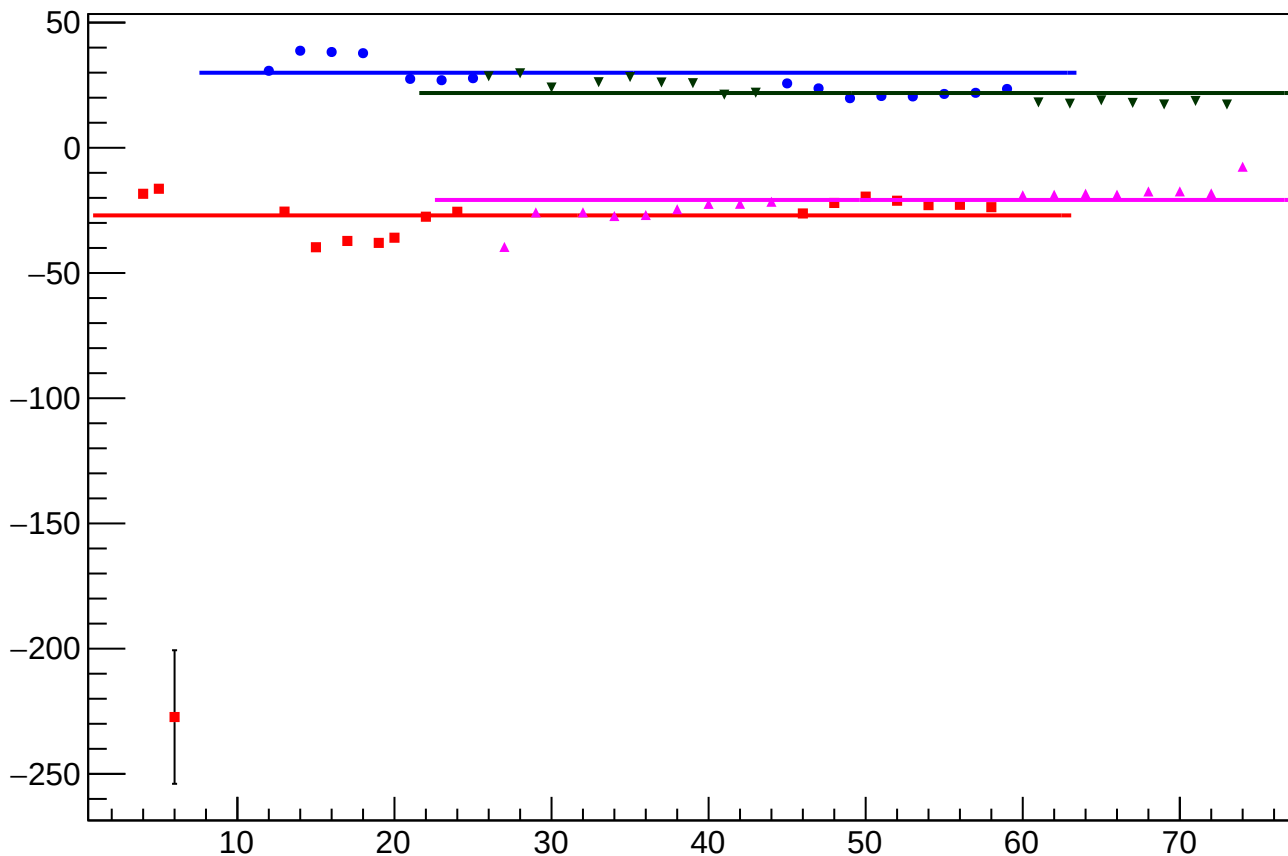
Left Out: 12.168 ± 0.035 $\chi^2/\text{NDF}: 119813.0/15$

1.411 ± 0.016 $\chi^2/\text{NDF}: 583515.8/64$

Right Out: -3.300 ± 0.037 $\chi^2/\text{NDF}: 44170.1/16$

Left In: -9.240 ± 0.030 $\chi^2/\text{NDF}: 113319.8/16$

dit_dsr_4eX_slope vs slug



Right In: 29.965+/-0.006 χ^2/NDF : 1567545.6/14

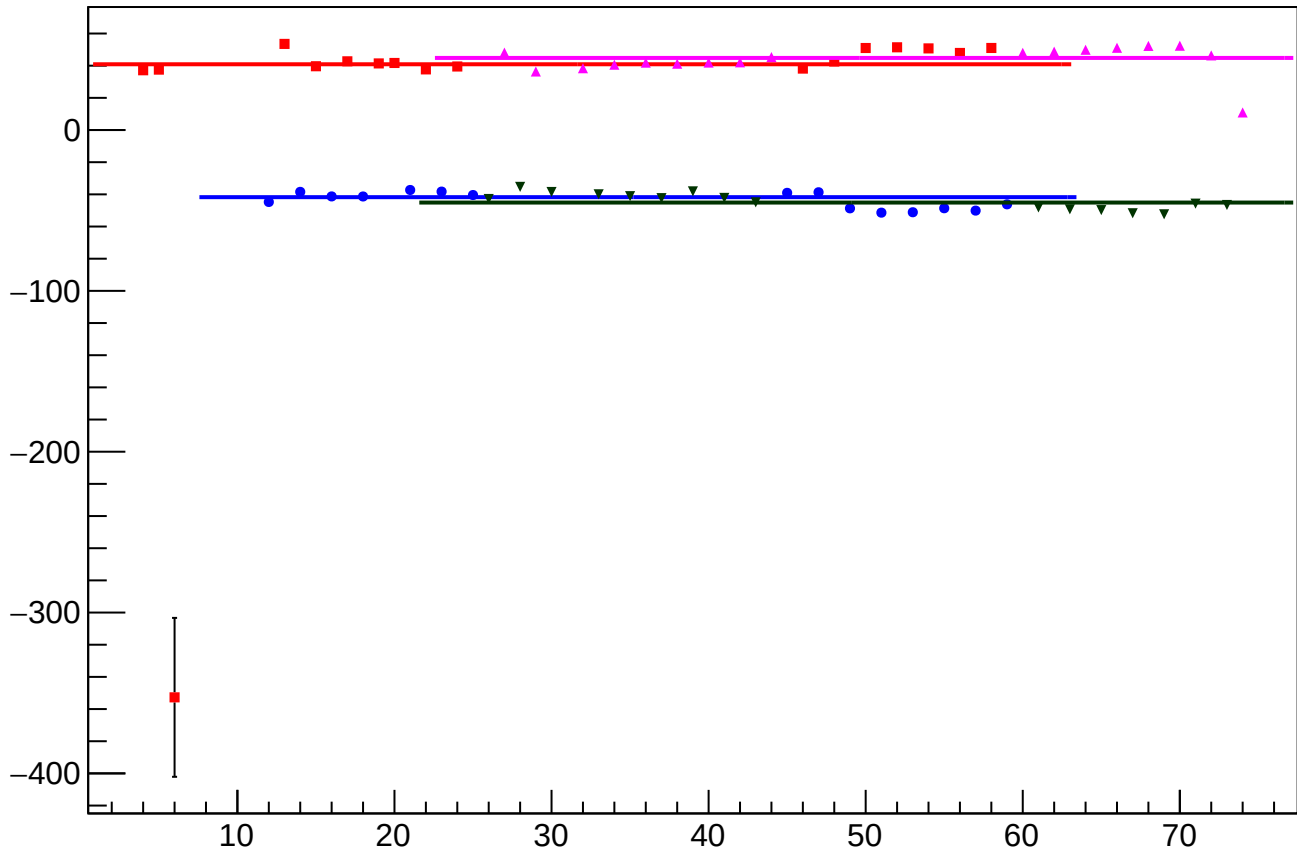
Left Out: 21.871+/-0.006 χ^2/NDF : 523530.3/15

Right Out: -26.998+/-0.007 χ^2/NDF : 770224.5/16

Left In: -20.828+/-0.006 χ^2/NDF : 393370.0/16

4.524+/-0.003 χ^2/NDF : 72597680.1/64

dit_dsr_11X12X_slope vs slug



Right In: -41.741+/-0.004 χ^2/NDF : 1194642.0/14

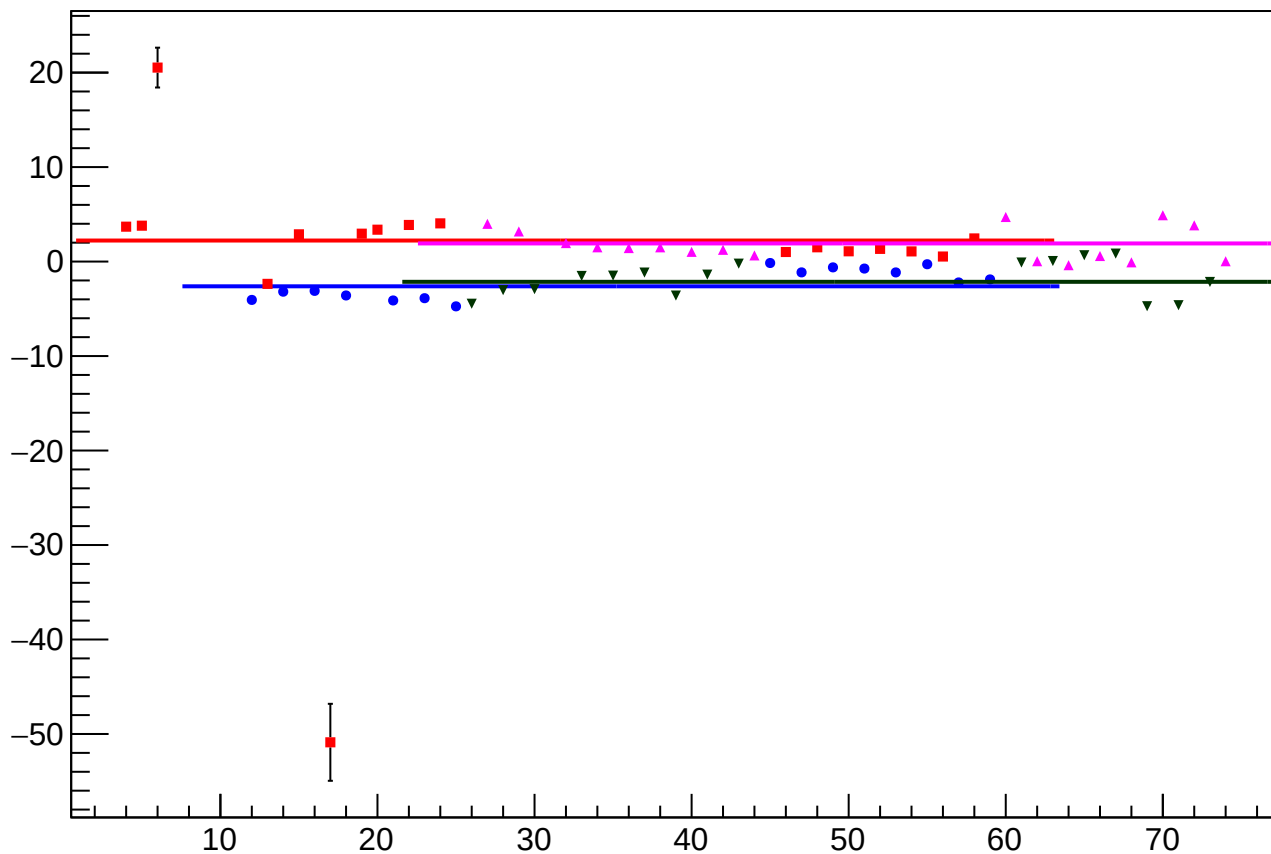
Left Out: -45.094+/-0.003 χ^2/NDF : 1247670.5/15

Right Out: 40.885+/-0.004 χ^2/NDF : 792178.0/16

Left In: 44.825+/-0.004 χ^2/NDF : 1308372.6/16

-9.843+/-0.002 χ^2/NDF : 512207216.2/64

dit_dsr_4aY_slope vs slug



Right In: -2.619 ± 0.005 $\chi^2/\text{NDF}: 73089.3/14$

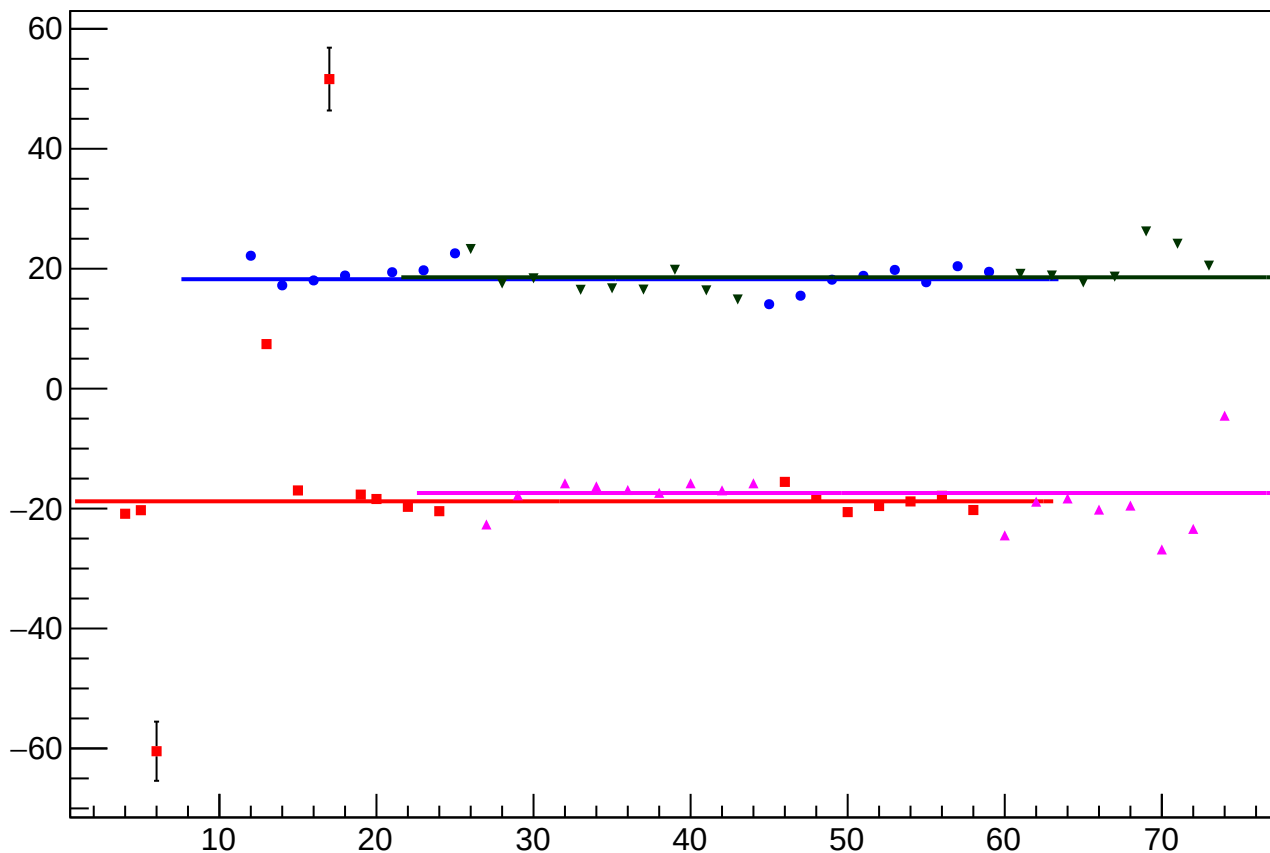
Left Out: -2.144 ± 0.006 $\chi^2/\text{NDF}: 69589.3/15$

Right Out: 2.226 ± 0.007 $\chi^2/\text{NDF}: 27599.1/16$

Left In: 1.918 ± 0.006 $\chi^2/\text{NDF}: 49282.2/16$

-0.646 ± 0.003 $\chi^2/\text{NDF}: 833865.1/64$

dit_dsr_4eY_slope vs slug



Right In: 18.248+/-0.008 χ^2 /NDF: 56129.0/14

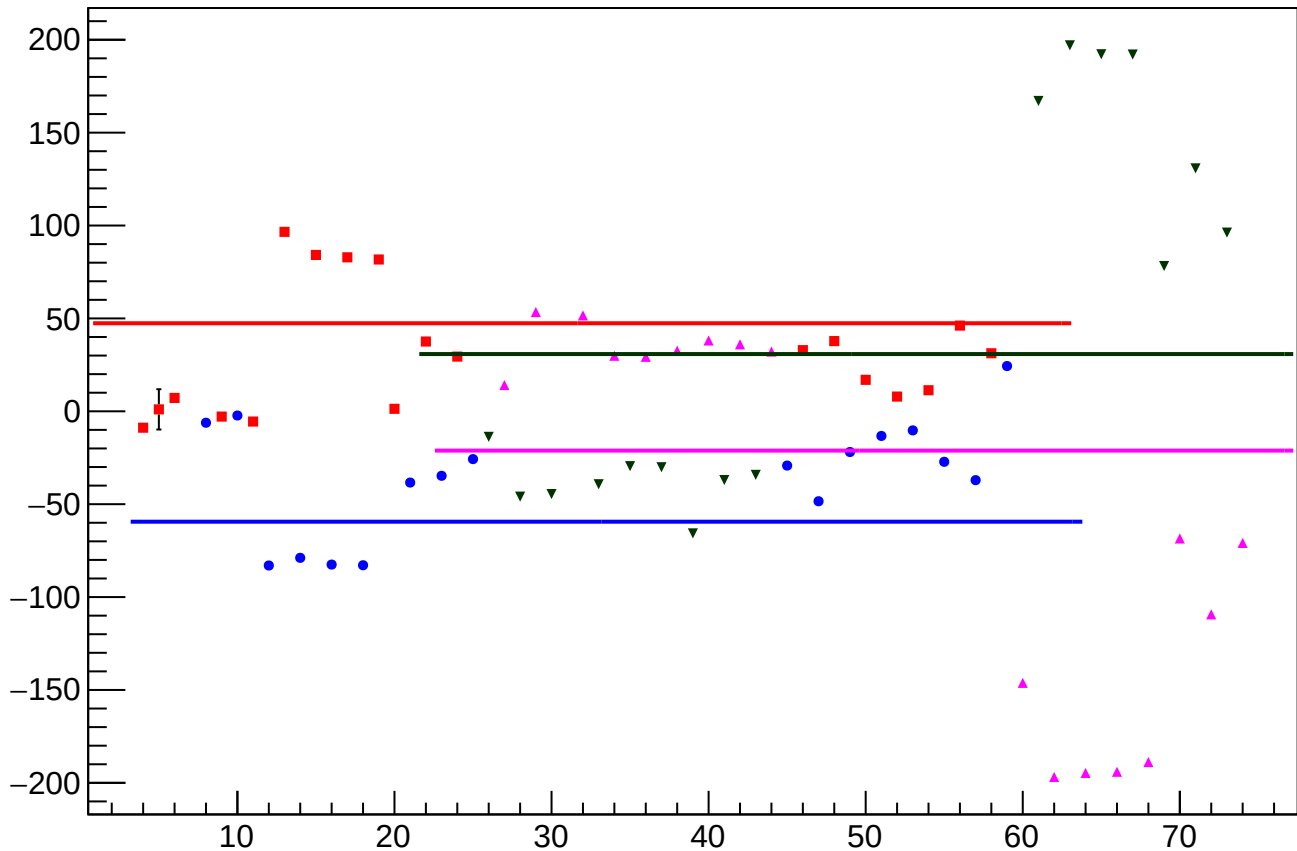
Left Out: 18.567+/-0.009 χ^2 /NDF: 99911.2/15

Right Out: -18.790+/-0.011 χ^2 /NDF: 24666.4/16

Left In: -17.404+/-0.010 χ^2 /NDF: 48554.9/16

3.532+/-0.005 χ^2 /NDF: 15509729.8/64

dit_atl1_4aX_slope vs slug



Right In: -59.426 $\pm$ 0.059 χ^2/NDF : 315873.7/16

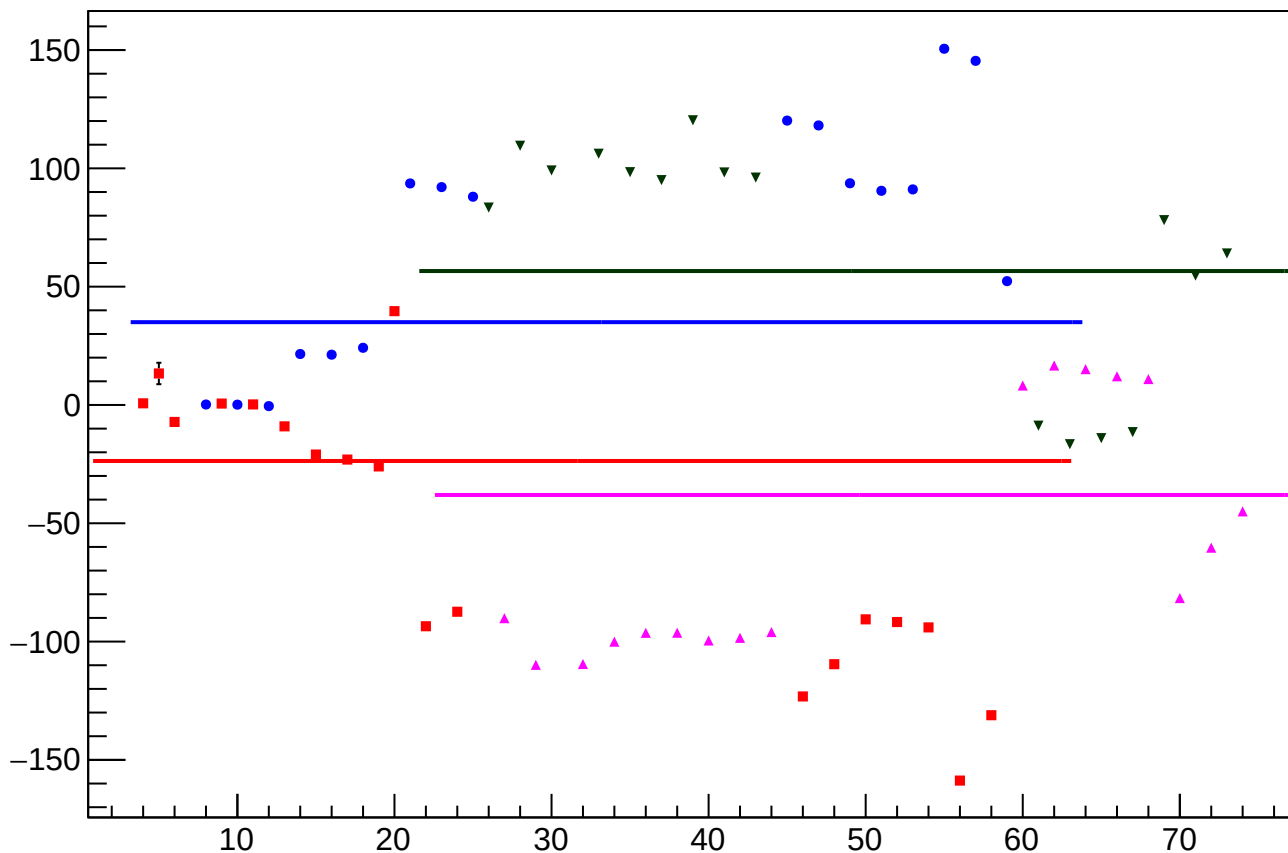
Left Out: 30.813 $\pm$ 0.086 χ^2/NDF : 1214472.4/15

Right Out: 47.396 $\pm$ 0.086 χ^2/NDF : 161000.0/18

Left In: -21.156 $\pm$ 0.083 χ^2/NDF : 1237006.7/16

-13.647 $\pm$ 0.038 χ^2/NDF : 4320669.0/68

dit_atl1_4eX_slope vs slug



Right In: 34.995+/-0.014 χ^2/NDF : 8492843.6/16

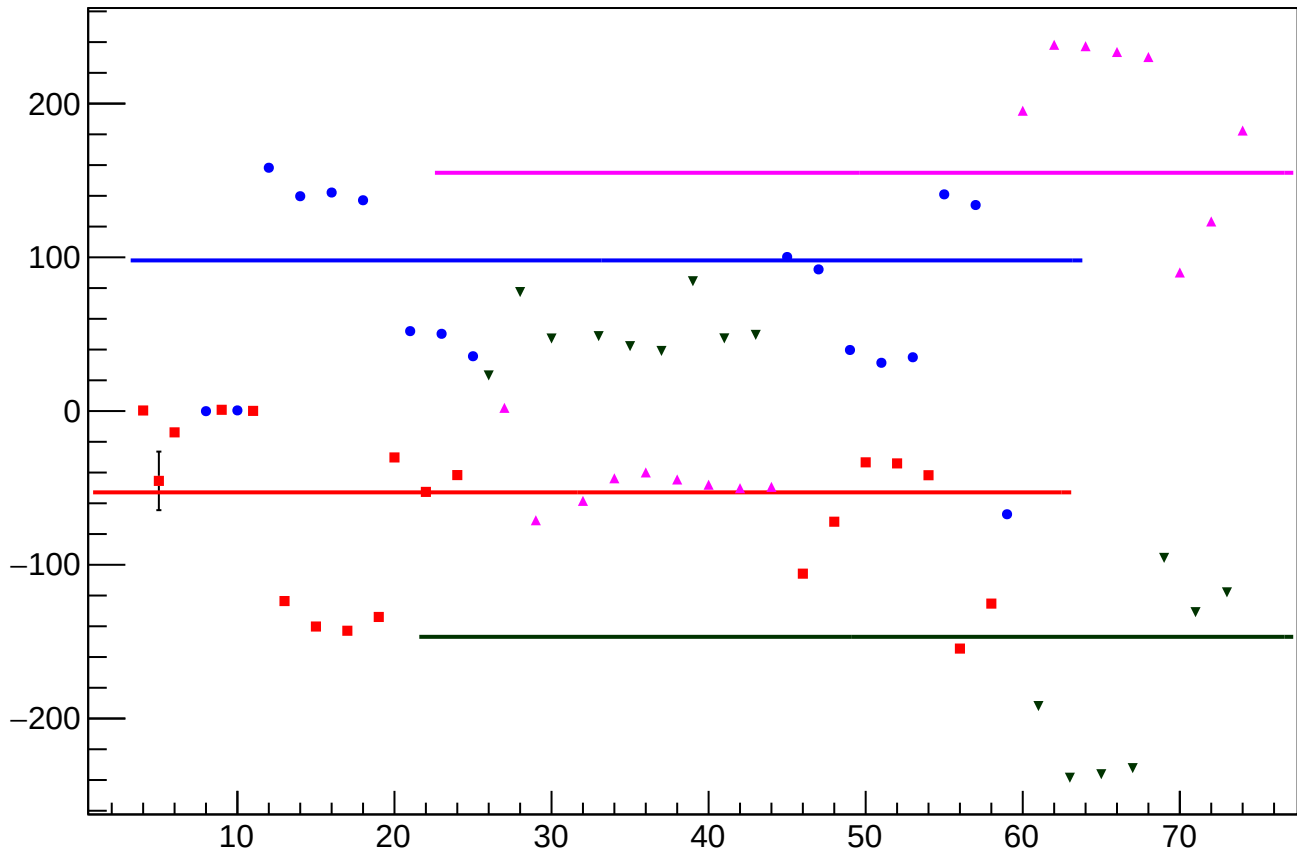
Left Out: 56.602+/-0.015 χ^2/NDF : 11868330.5/15

9.088+/-0.007 χ^2/NDF : 69618077.1/68

Right Out: -23.674+/-0.013 χ^2/NDF : 11363779.1/18

Left In: -38.044+/-0.018 χ^2/NDF : 9878068.0/16

dit_atl1_11X12X_slope vs slug



Right In: 97.993+/-0.016 χ^2/NDF : 16029719.9/16

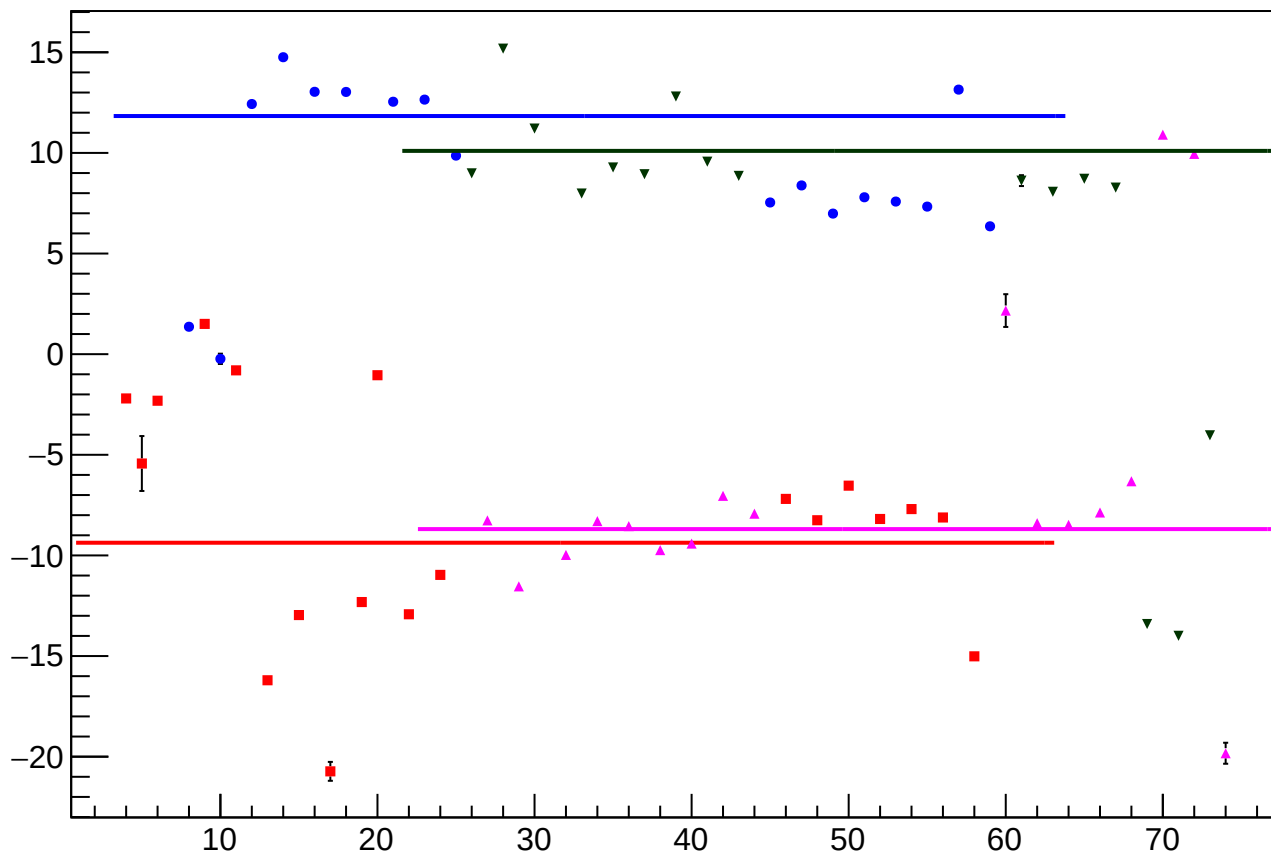
Left Out: -146.860+/-0.019 χ^2/NDF : 42927804.7/15

Right Out: -52.887+/-0.010 χ^2/NDF : 35119160.9/18

Left In: 154.997+/-0.021 χ^2/NDF : 33442415.0/16

-11.217+/-0.007 χ^2/NDF : 303244644.8/68

dit_atl1_4aY_slope vs slug



Right In: 11.833+/-0.015 χ^2/NDF : 40008.5/16

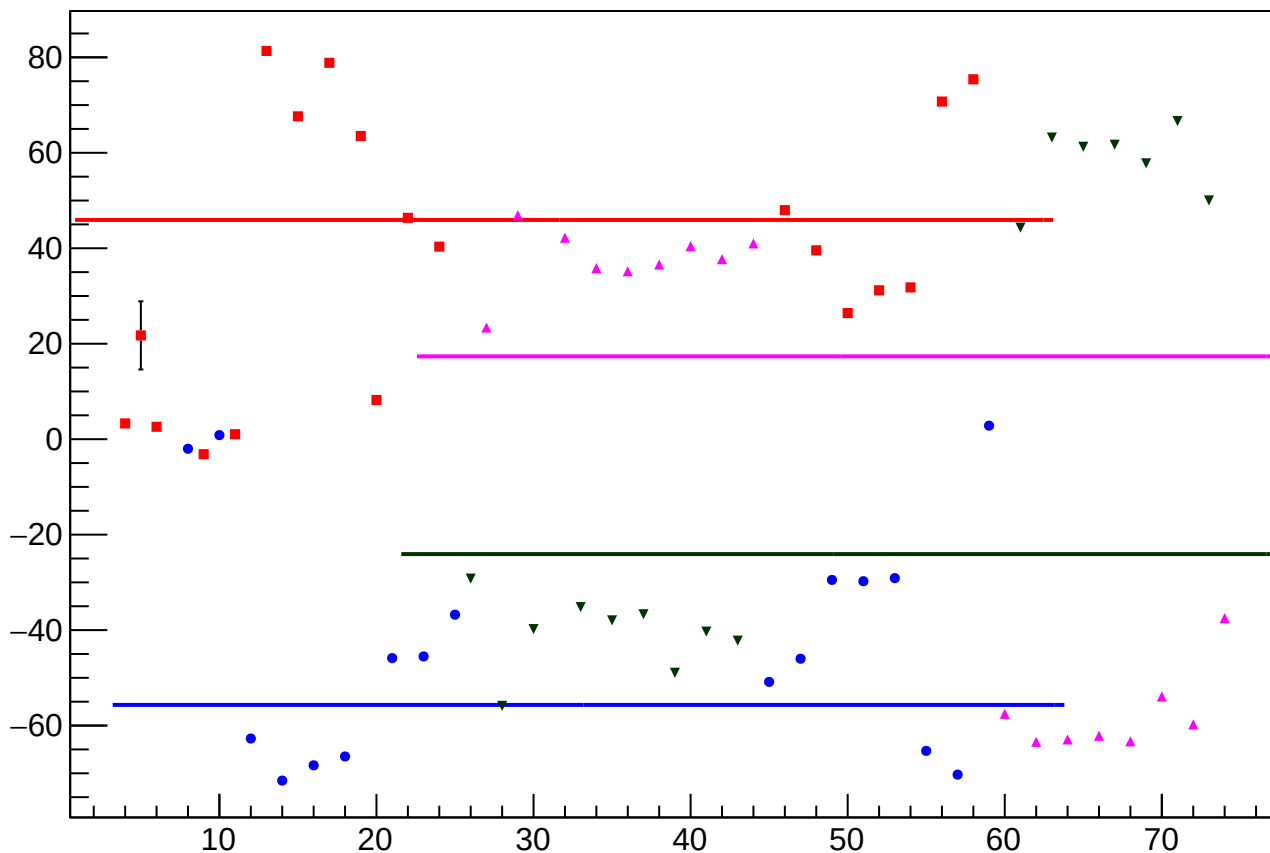
Left Out: 10.101+/-0.022 χ^2/NDF : 41952.7/15

Right Out: -9.370+/-0.022 χ^2/NDF : 40285.1/18

Left In: -8.692+/-0.021 χ^2/NDF : 18708.6/16

2.837+/-0.010 χ^2/NDF : 1212440.7/68

dit_atl1_4eY_slope vs slug



Right In: -55.670 ± 0.024 χ^2/NDF : 721710.0/16

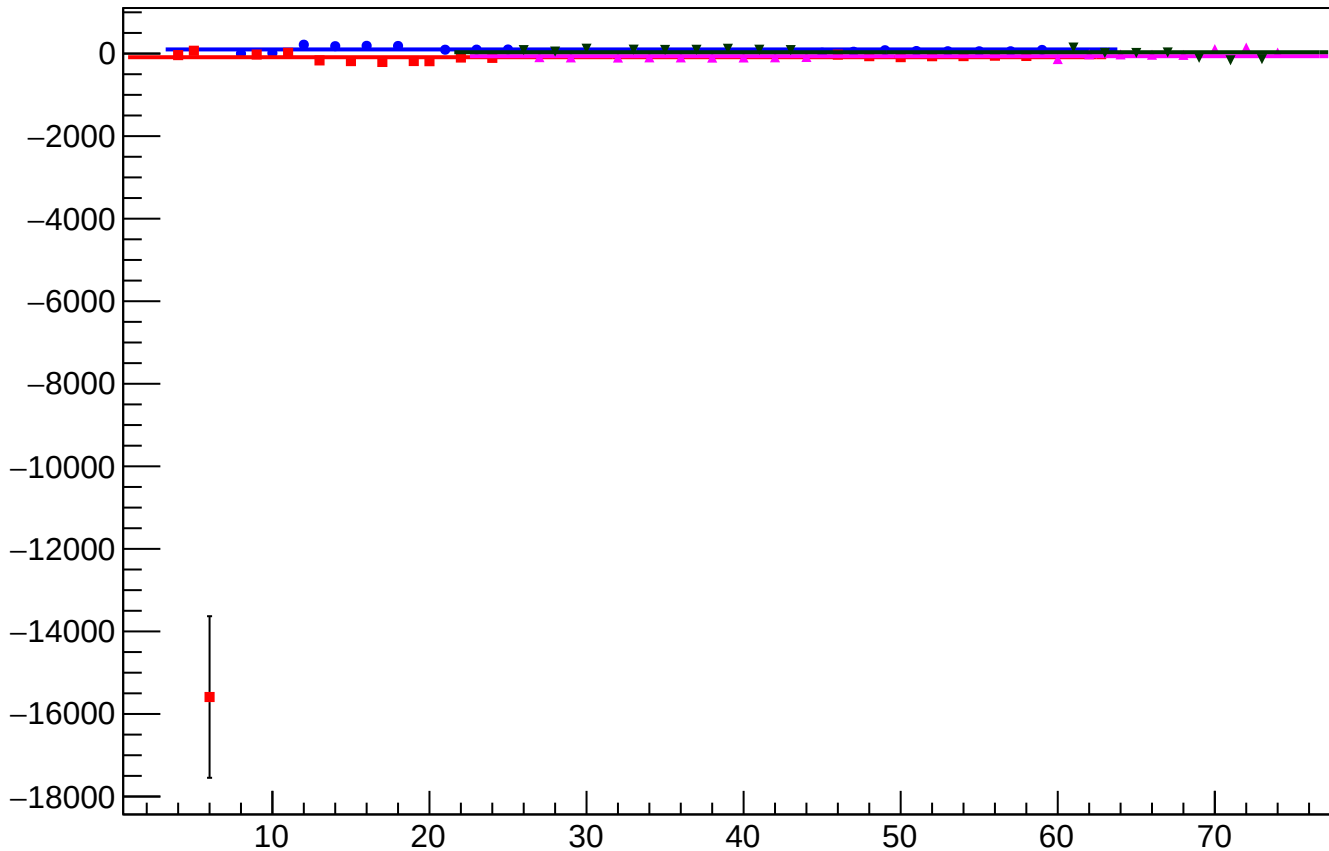
Left Out: -24.073 ± 0.037 χ^2/NDF : 1054460.8/15

Right Out: 45.935 ± 0.032 χ^2/NDF : 524637.8/18

Left In: 17.351 ± 0.035 χ^2/NDF : 1387731.8/16

-13.457 ± 0.015 χ^2/NDF : 11178624.1/68

dit_atr1_4aX_slope vs slug



Right In: 100.626+/-0.080 χ^2/NDF : 445237.8/16

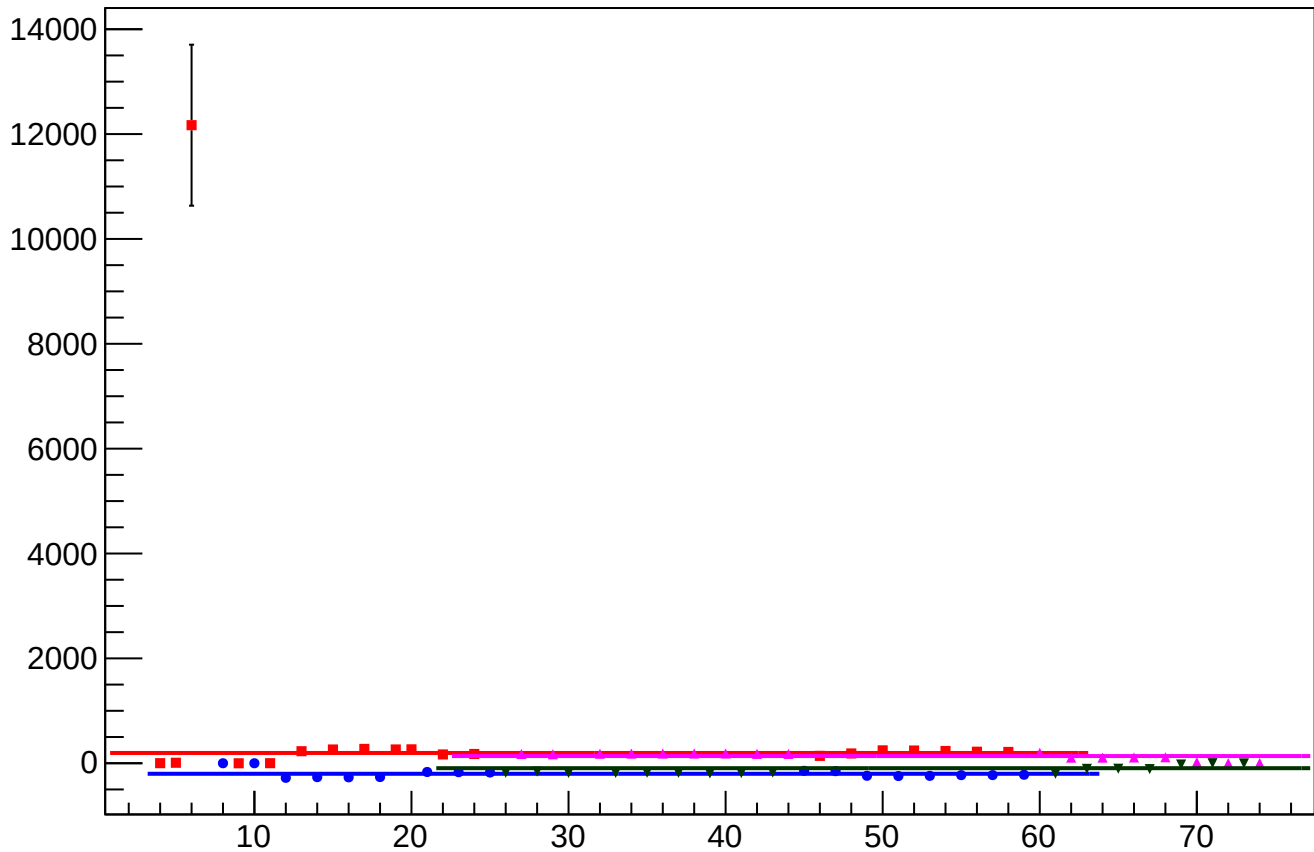
Left Out: 32.691+/-0.081 χ^2/NDF : 1279838.5/15

7.327+/-0.043 χ^2/NDF : 5357234.5/68

Right Out: -88.191+/-0.112 χ^2/NDF : 187795.7/18

Left In: -63.260+/-0.081 χ^2/NDF : 505418.9/16

dit_atr1_4eX_slope vs slug



Right In: -201.024 $\pm$ 0.020 χ^2 /NDF: 11333577.2/16

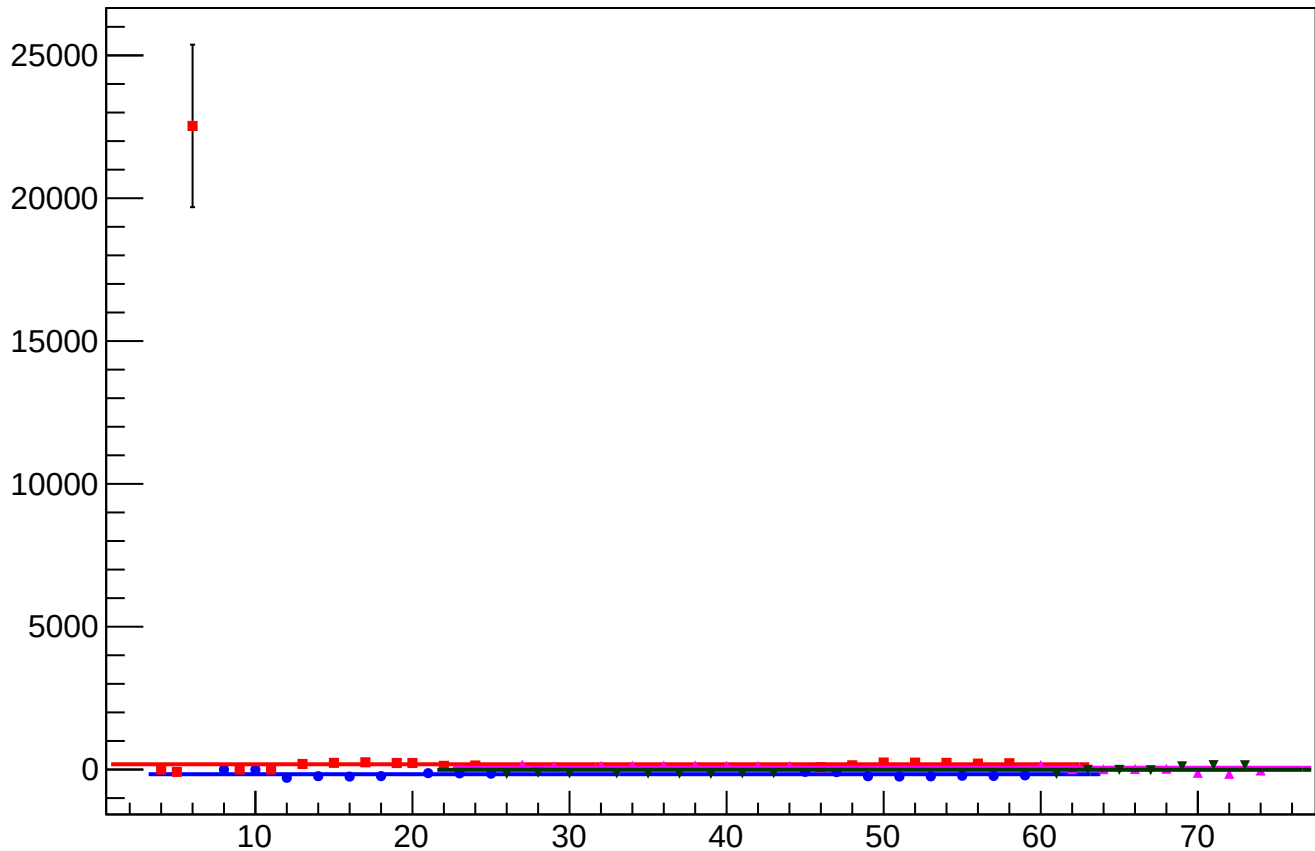
Left Out: -94.423 $\pm$ 0.018 χ^2 /NDF: 19906320.2/15

-22.501 $\pm$ 0.010 χ^2 /NDF: 258001852.2/68

Right Out: 196.054 $\pm$ 0.028 χ^2 /NDF: 6609042.9/18

Left In: 137.110 $\pm$ 0.020 χ^2 /NDF: 7834830.2/16

dit_atr1_11X12X_slope vs slug



Right In: -163.874 ± 0.031 χ^2/NDF : 8915237.3/16

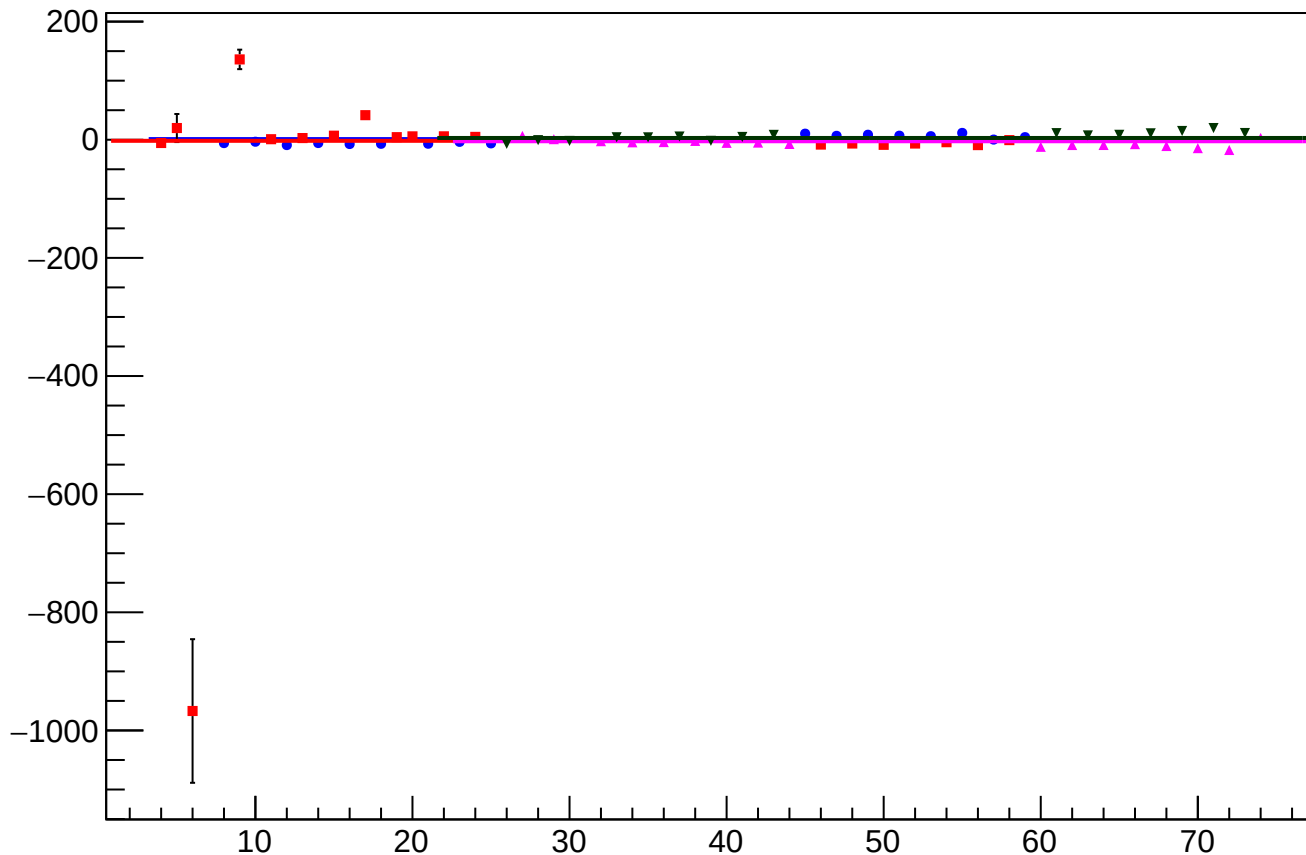
Left Out: -10.148 ± 0.024 χ^2/NDF : 27906413.8/15

Right Out: 184.276 ± 0.034 χ^2/NDF : 5373638.2/18

Left In: 62.966 ± 0.033 χ^2/NDF : 8884290.5/16

6.483 ± 0.015 χ^2/NDF : 112600010.2/68

dit_atr1_4aY_slope vs slug



Right In: 1.119 ± 0.023 χ^2/NDF : 79352.3/16

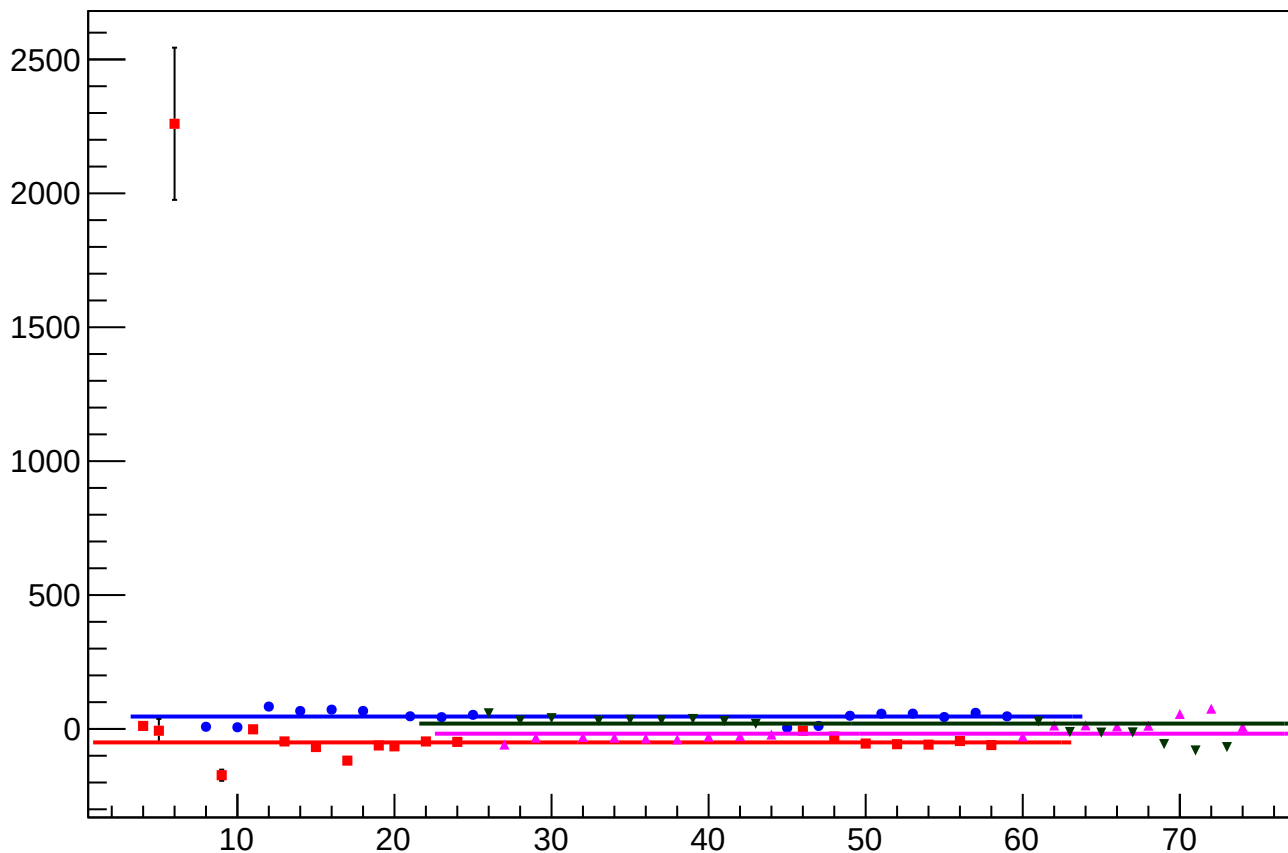
Left Out: 2.993 ± 0.024 χ^2/NDF : 53464.0/15

Right Out: -1.819 ± 0.027 χ^2/NDF : 46682.1/18

Left In: -2.560 ± 0.024 χ^2/NDF : 49204.4/16

0.012 ± 0.012 χ^2/NDF : 262764.0/68

dit_atr1_4eY_slope vs slug



Right In: 46.382 ± 0.037 $\chi^2/\text{NDF}: 314401.7/16$

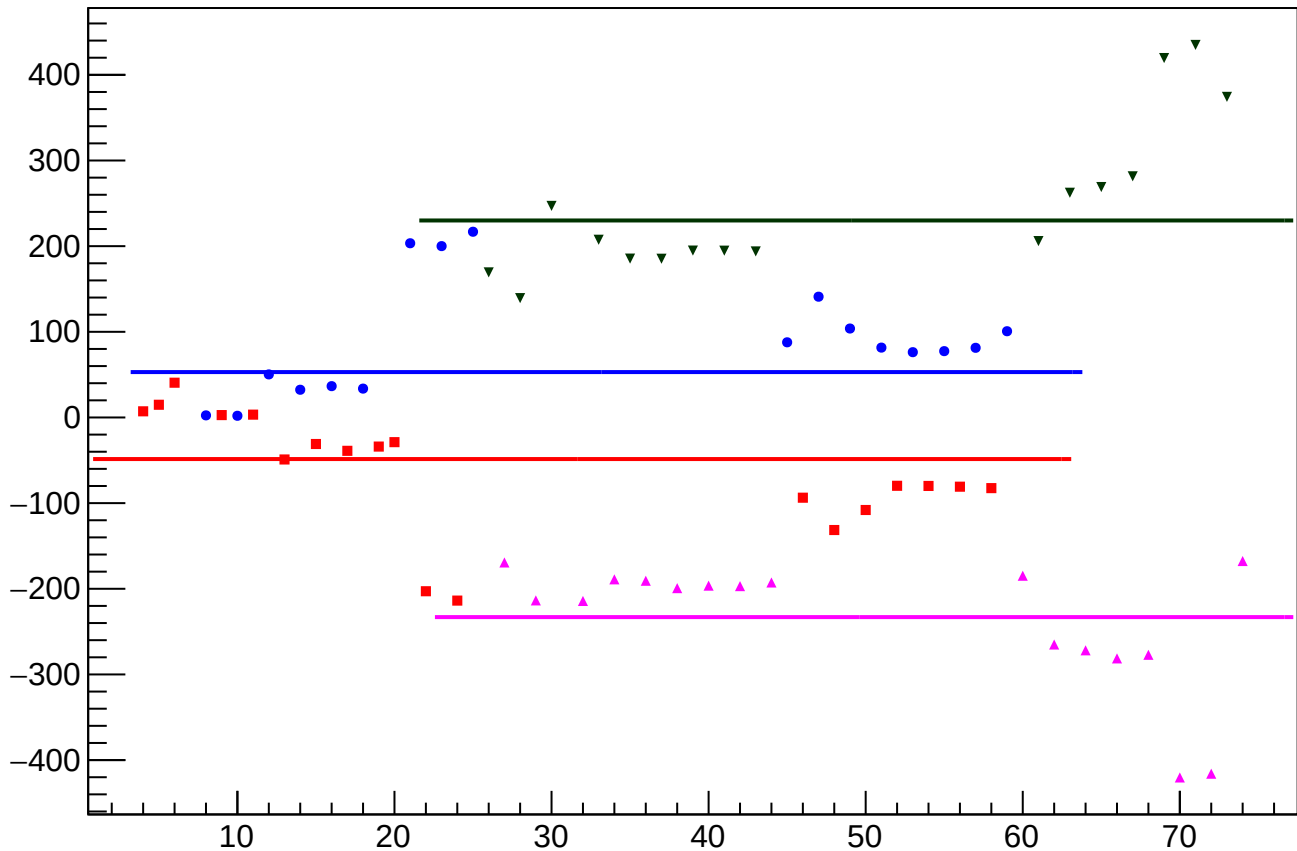
Left Out: 20.031 ± 0.040 $\chi^2/\text{NDF}: 764191.0/15$

Right Out: -50.254 ± 0.046 $\chi^2/\text{NDF}: 119475.2/18$

Left In: -17.670 ± 0.039 $\chi^2/\text{NDF}: 528457.4/16$

4.468 ± 0.020 $\chi^2/\text{NDF}: 4890315.9/68$

dit_atl2_4aX_slope vs slug



Right In: 52.995+/-0.042 χ^2/NDF : 1077947.7/16

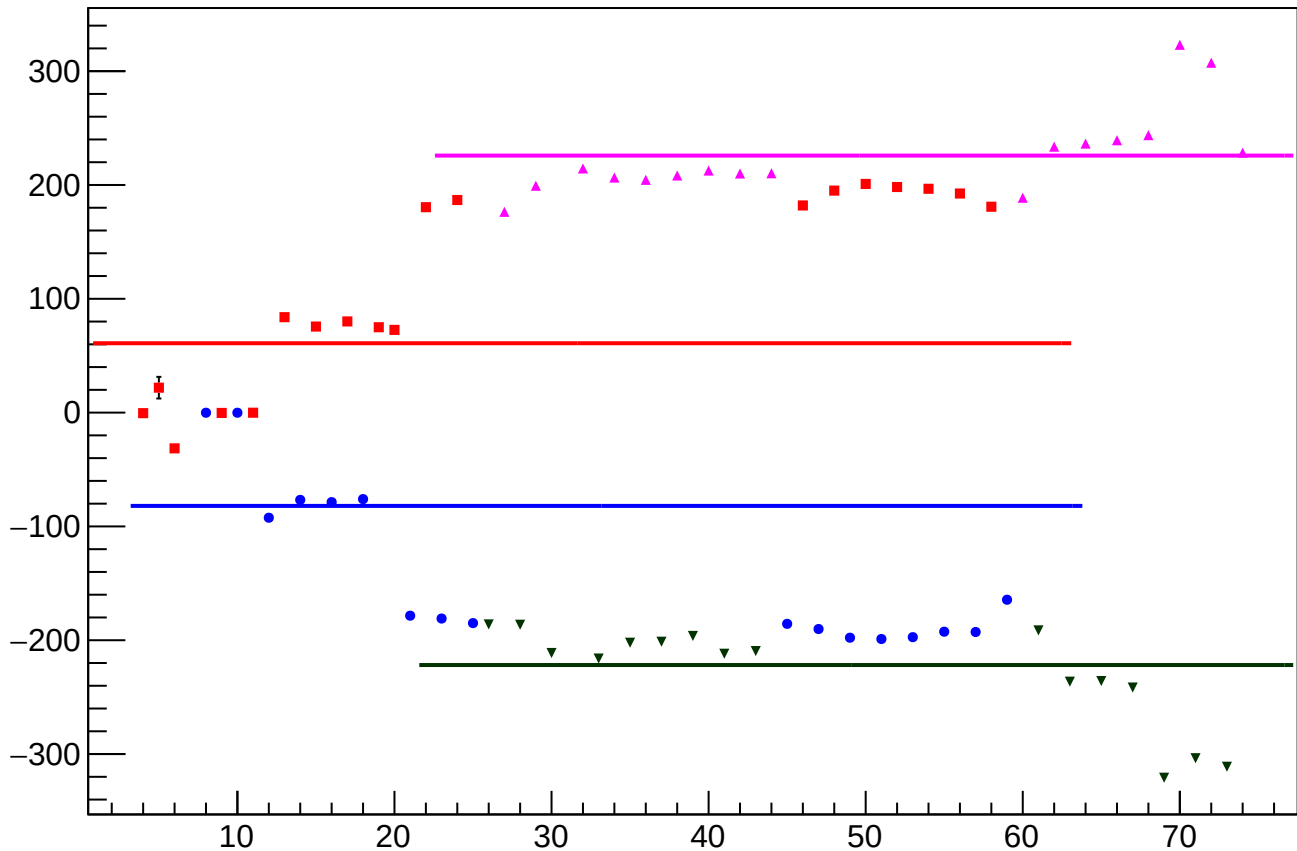
Left Out: 229.990+/-0.074 χ^2/NDF : 1187560.8/15

30.270+/-0.030 χ^2/NDF : 19495633.3/68

Right Out: -48.547+/-0.060 χ^2/NDF : 483658.1/18

Left In: -233.066+/-0.098 χ^2/NDF : 399801.2/16

dit_atl2_4eX_slope vs slug



Right In: -81.968 ± 0.010 χ^2/NDF : 51387492.6/16

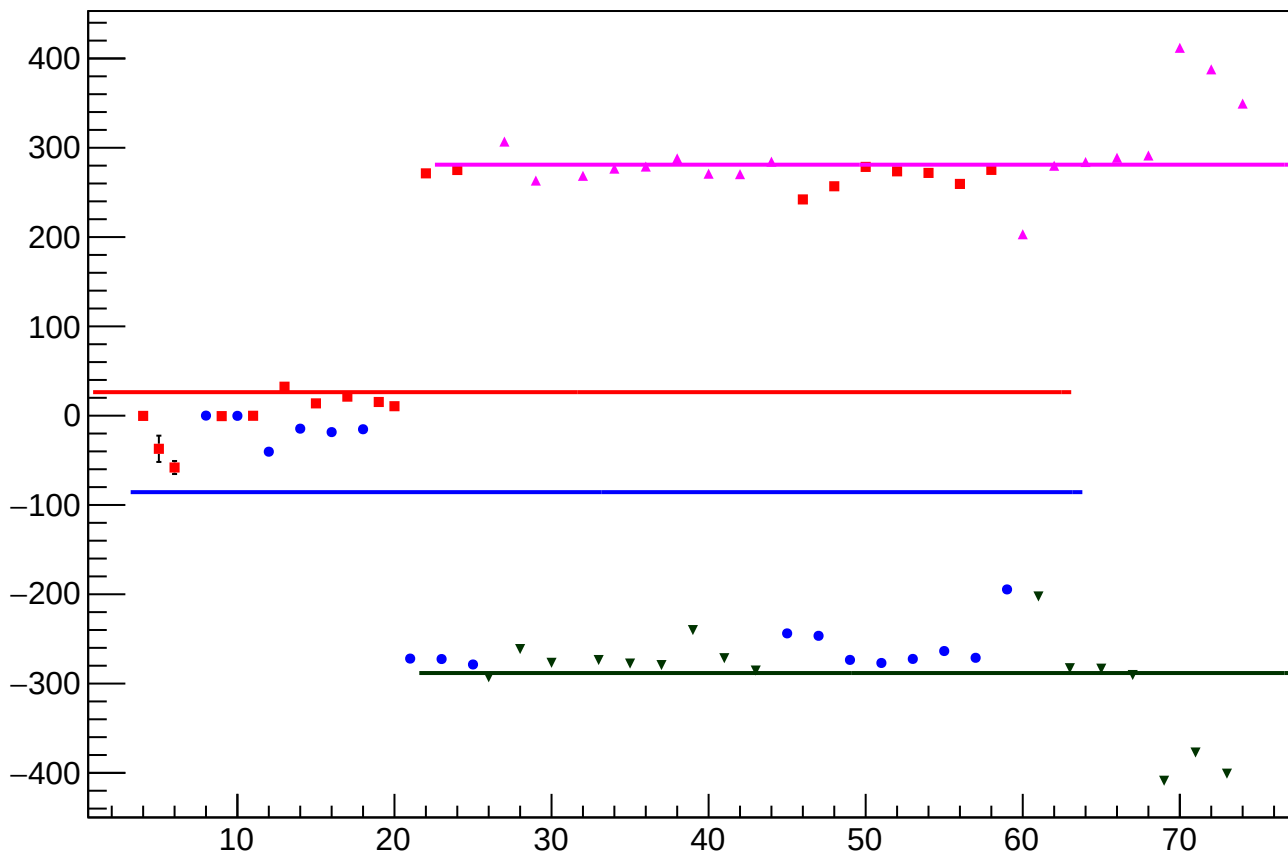
Left Out: -221.787 ± 0.014 χ^2/NDF : 7129760.6/15

Right Out: 60.947 ± 0.010 χ^2/NDF : 54915073.0/18

Left In: 225.830 ± 0.017 χ^2/NDF : 2801914.0/16

-16.489 ± 0.006 χ^2/NDF : 640138594.1/68

dit_atl2_11X12X_slope vs slug



Right In: -85.641 $\pm$ 0.012 χ^2 /NDF: 86506049.2/16

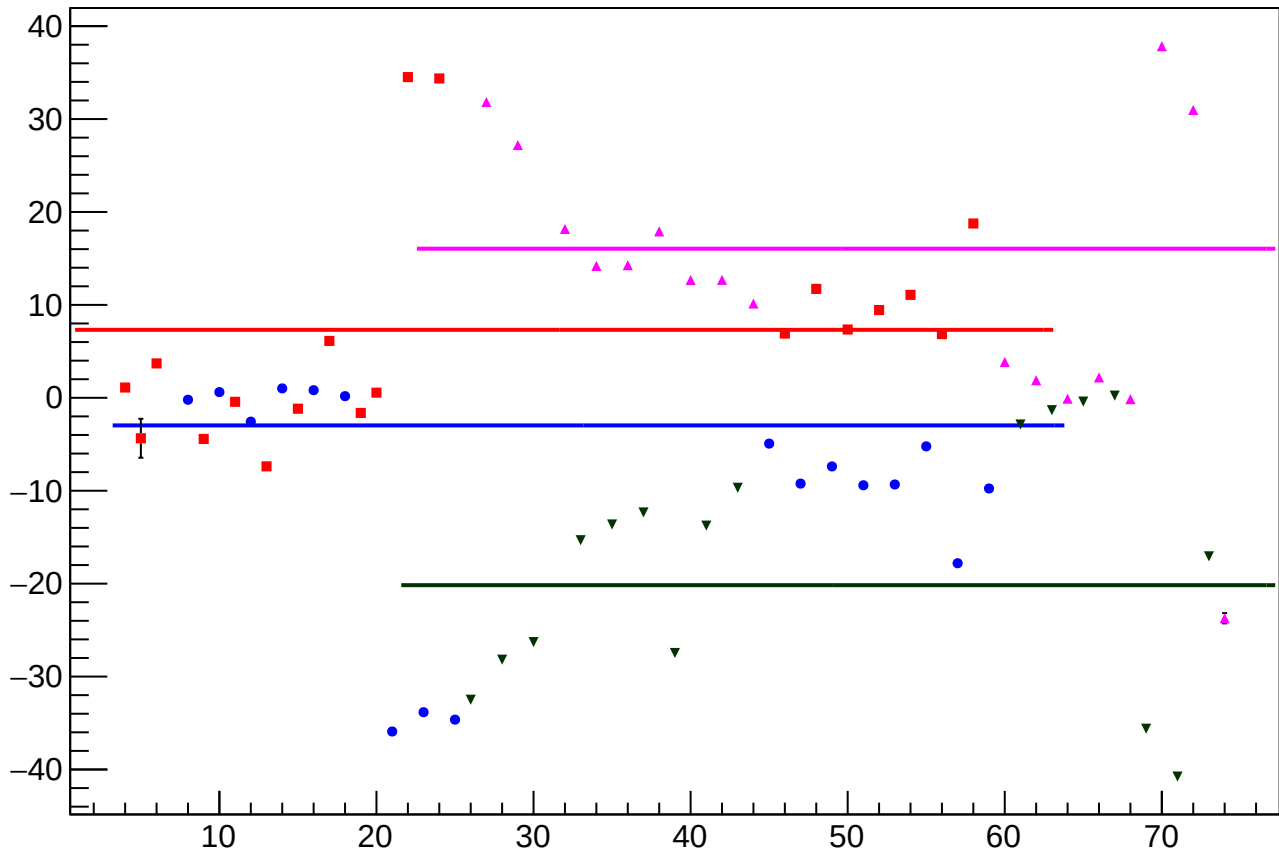
Left Out: -288.197 $\pm$ 0.018 χ^2 /NDF: 9614894.5/15

Right Out: 26.326 $\pm$ 0.009 χ^2 /NDF: 61076688.4/18

Left In: 281.062 $\pm$ 0.020 χ^2 /NDF: 1933598.4/16

-19.336 $\pm$ 0.006 χ^2 /NDF: 655225242.2/68

dit_atl2_4aY_slope vs slug



Right In: -2.970 ± 0.011 χ^2/NDF : 625543.3/16

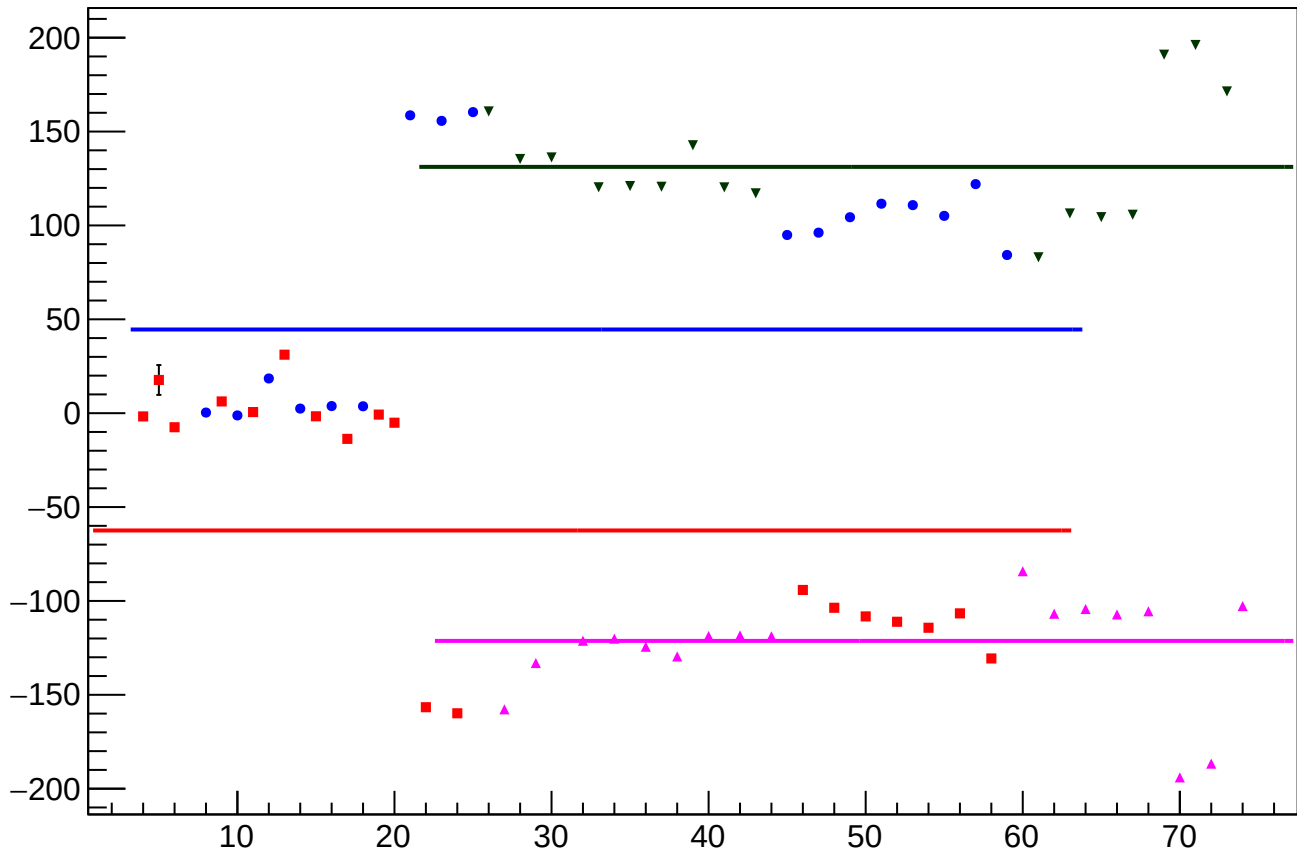
Left Out: -20.164 ± 0.019 χ^2/NDF : 233470.7/15

Right Out: 7.317 ± 0.018 χ^2/NDF : 350914.2/18

Left In: 16.048 ± 0.022 χ^2/NDF : 164765.0/16

-1.652 ± 0.008 χ^2/NDF : 3197547.9/68

dit_atl2_4eY_slope vs slug



Right In: 44.572 ± 0.020 χ^2/NDF : 7456062.2/16

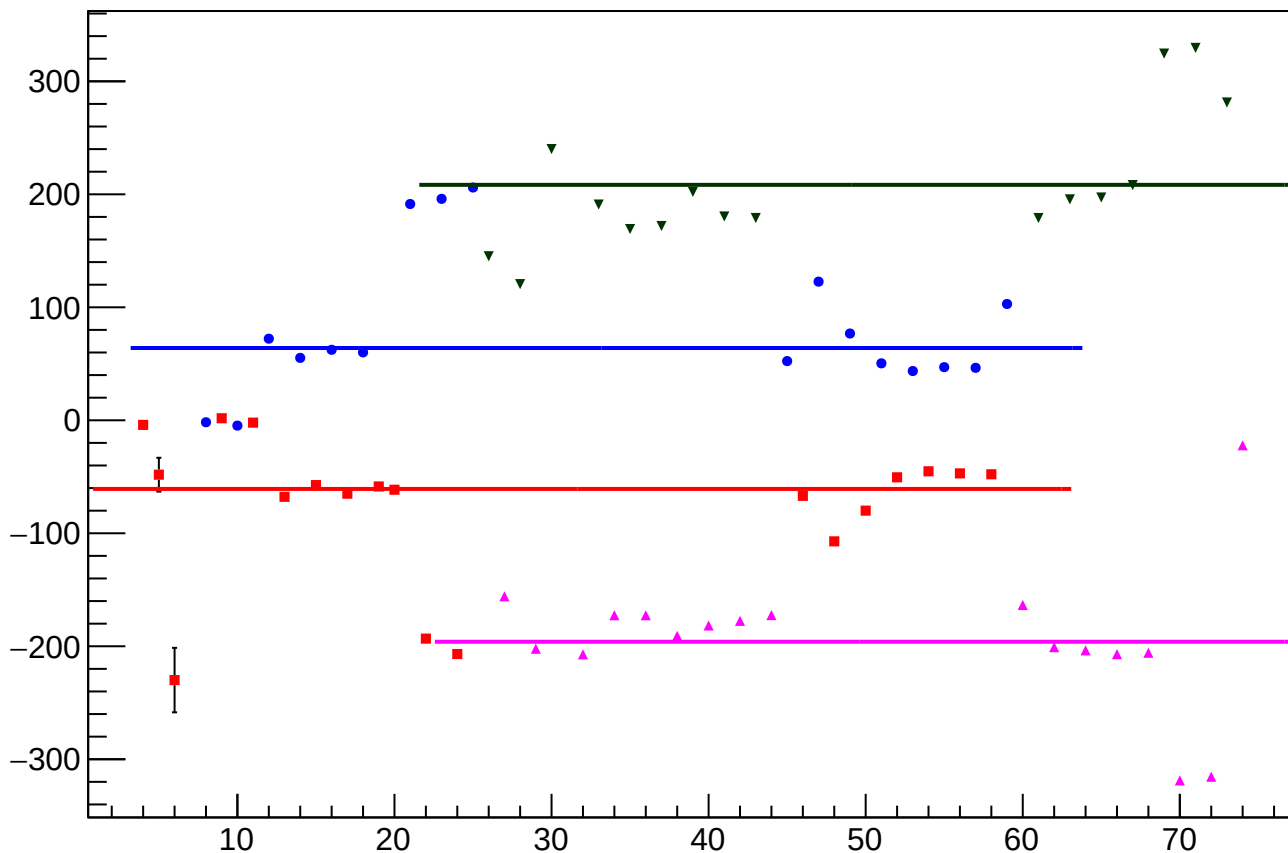
Left Out: 131.189 ± 0.032 χ^2/NDF : 496445.7/15

10.525 ± 0.013 χ^2/NDF : 50400933.4/68

Right Out: -62.464 ± 0.028 χ^2/NDF : 4624148.8/18

Left In: -121.288 ± 0.035 χ^2/NDF : 189490.0/16

dit_atr2_4aX_slope vs slug



Right In: 63.974+/-0.046 χ^2/NDF : 763840.9/16

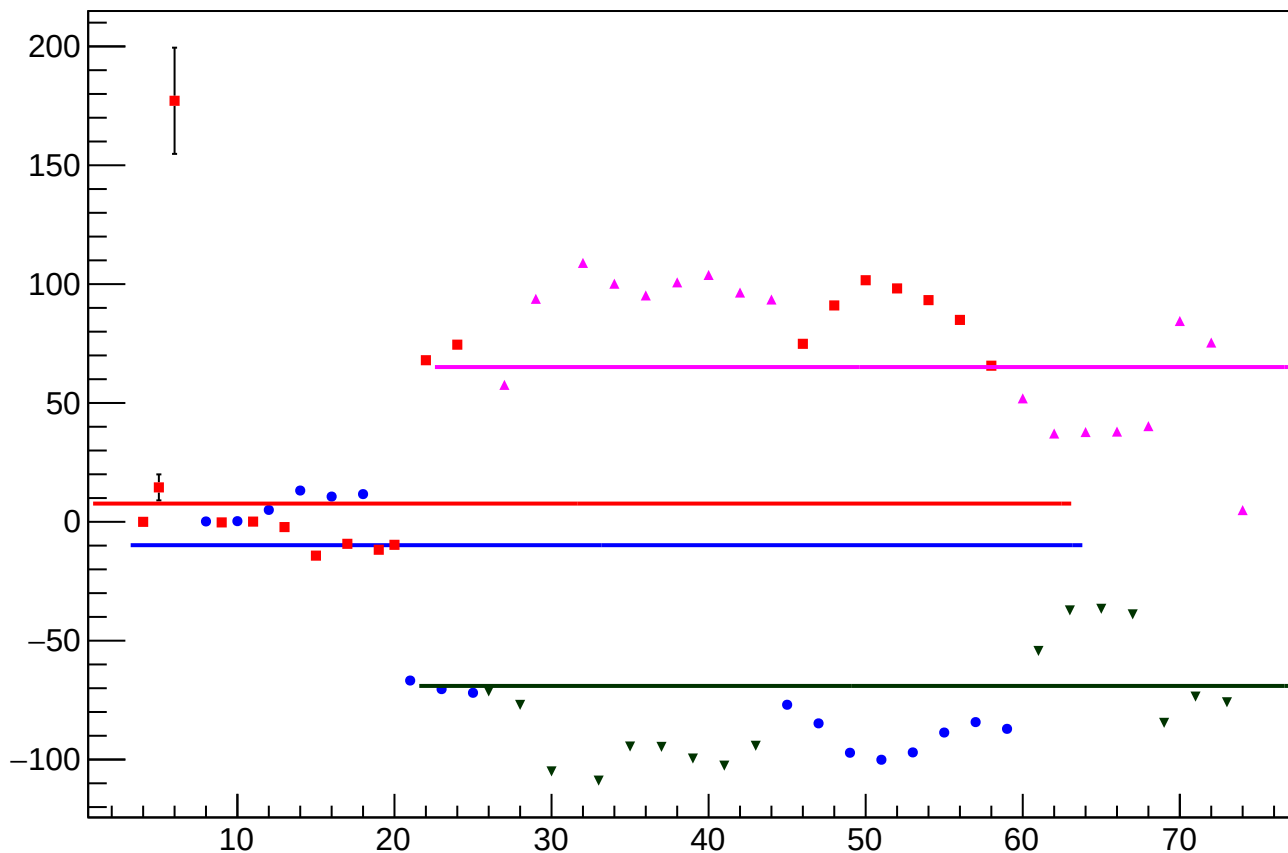
Left Out: 208.377+/-0.074 χ^2/NDF : 631616.6/15

28.985+/-0.031 χ^2/NDF : 16256259.7/68

Right Out: -60.759+/-0.063 χ^2/NDF : 387128.2/18

Left In: -196.010+/-0.093 χ^2/NDF : 205558.3/16

dit_atr2_4eX_slope vs slug



Right In: -9.826+/-0.007 χ^2/NDF : 17336526.5/16

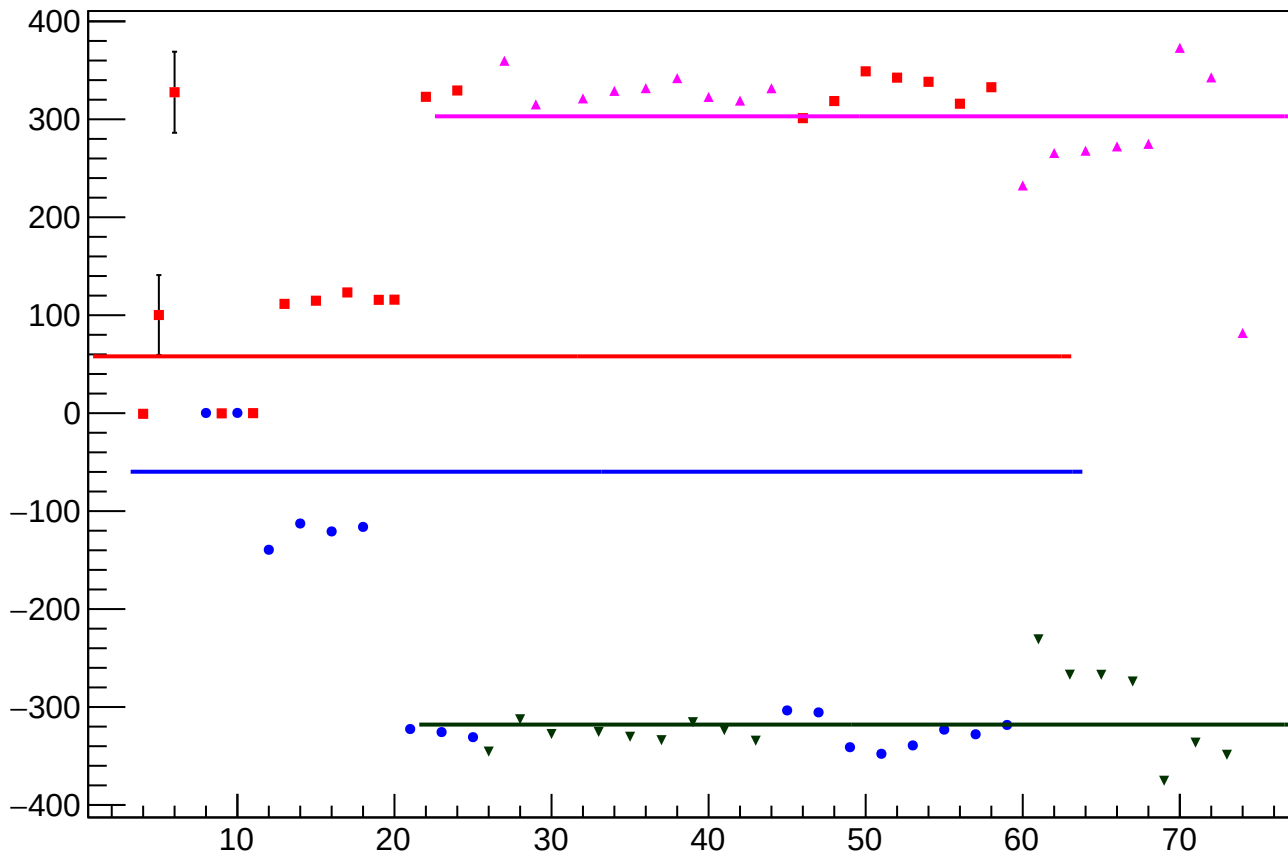
Left Out: -69.035+/-0.013 χ^2/NDF : 4163012.0/15

Right Out: 7.677+/-0.009 χ^2/NDF : 8858684.7/18

Left In: 65.113+/-0.015 χ^2/NDF : 3607550.7/16

-5.044+/-0.005 χ^2/NDF : 84300731.9/68

dit_atr2_11X12X_slope vs slug



Right In: -59.790 $\pm$ 0.009 χ^2 /NDF: 147677243.6/16

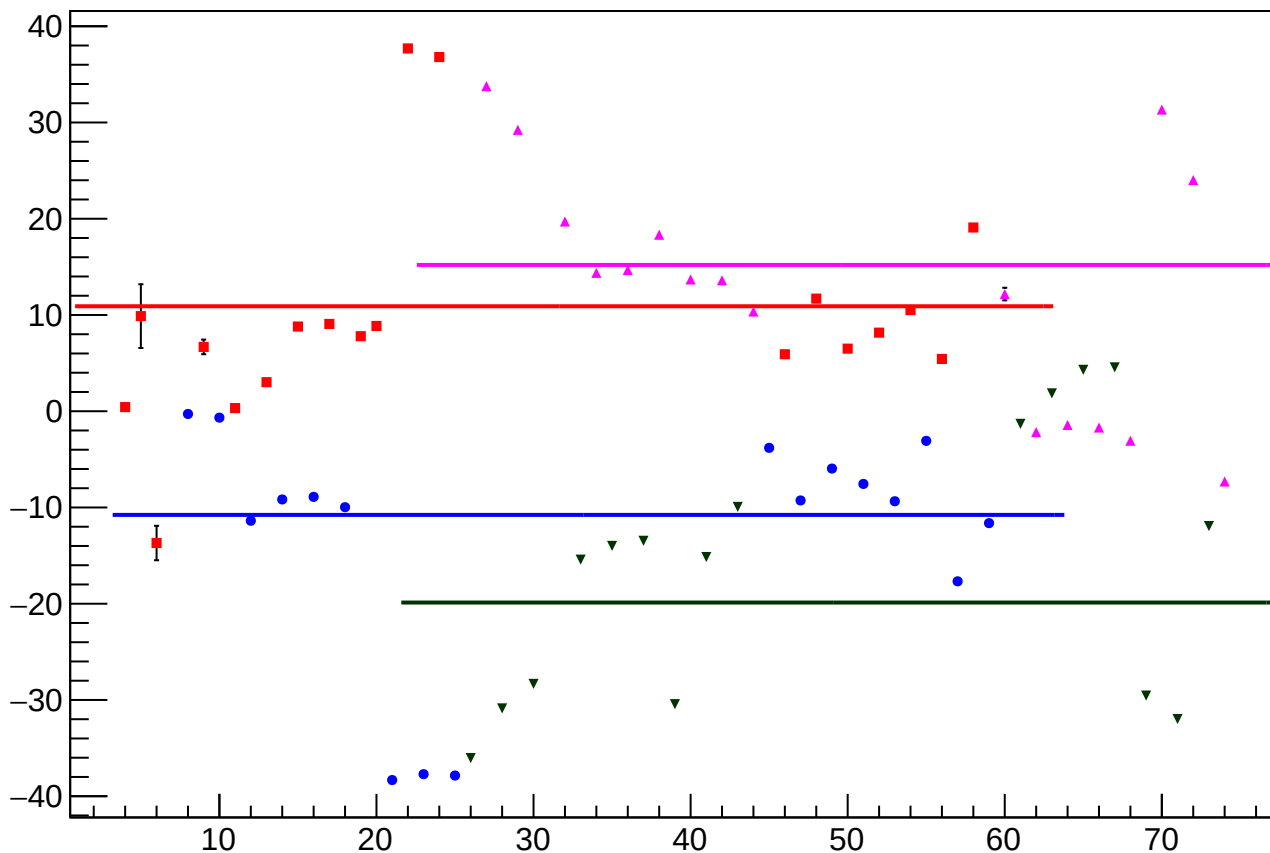
Left Out: -317.936 $\pm$ 0.016 χ^2 /NDF: 6098332.1/15

Right Out: 57.999 $\pm$ 0.010 χ^2 /NDF: 94931997.1/18

Left In: 303.052 $\pm$ 0.020 χ^2 /NDF: 2571460.2/16

-19.295 $\pm$ 0.006 χ^2 /NDF: 933730869.1/68

dit_atr2_4aY_slope vs slug



Right In: -10.770 $\pm$ 0.013 χ^2 /NDF: 426497.9/16

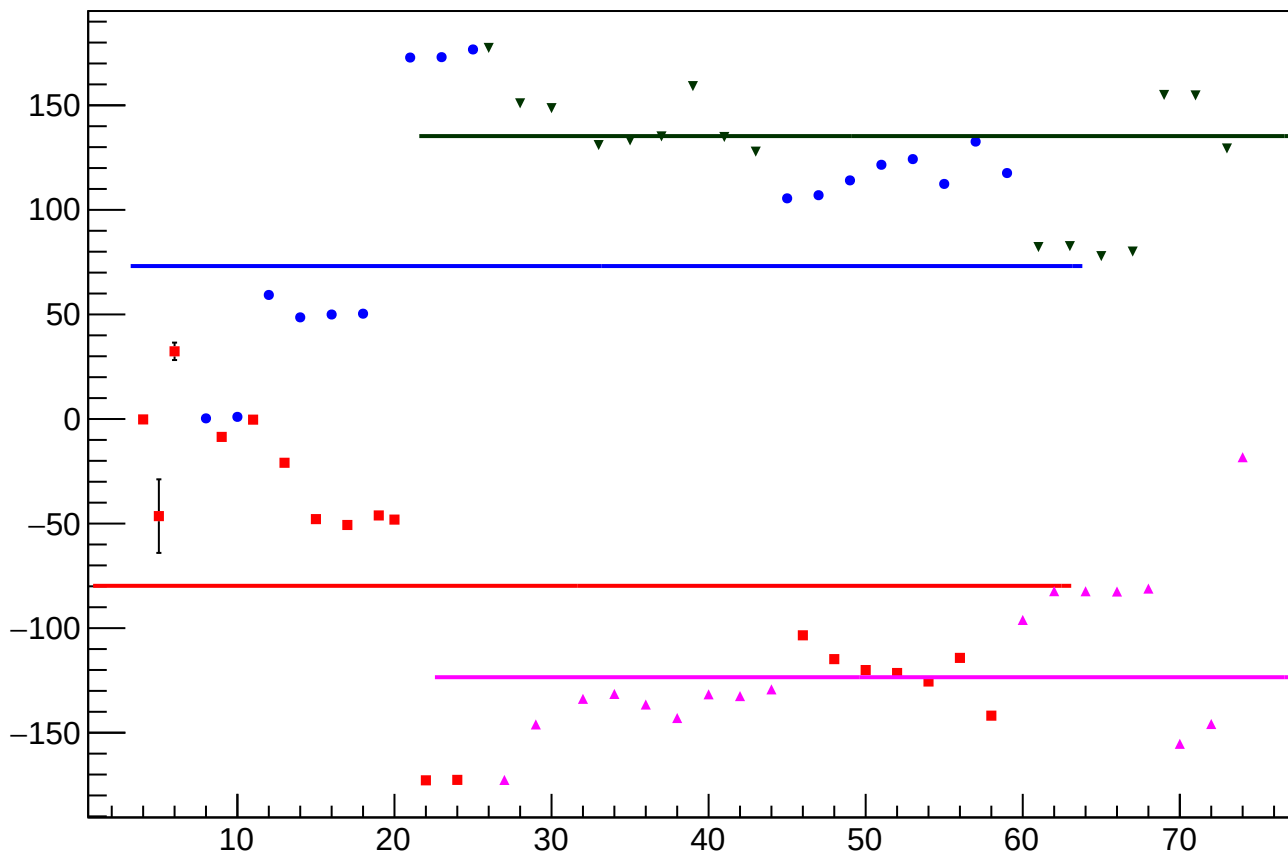
Left Out: -19.877 $\pm$ 0.020 χ^2 /NDF: 284435.1/15

Right Out: 10.907 $\pm$ 0.017 χ^2 /NDF: 262729.6/18

Left In: 15.200 $\pm$ 0.022 χ^2 /NDF: 212459.3/16

-3.248 $\pm$ 0.008 χ^2 /NDF: 3636719.9/68

dit_atr2_4eY_slope vs slug



Right In: 73.136 $\pm$ 0.022 χ^2 /NDF: 4955595.1/16

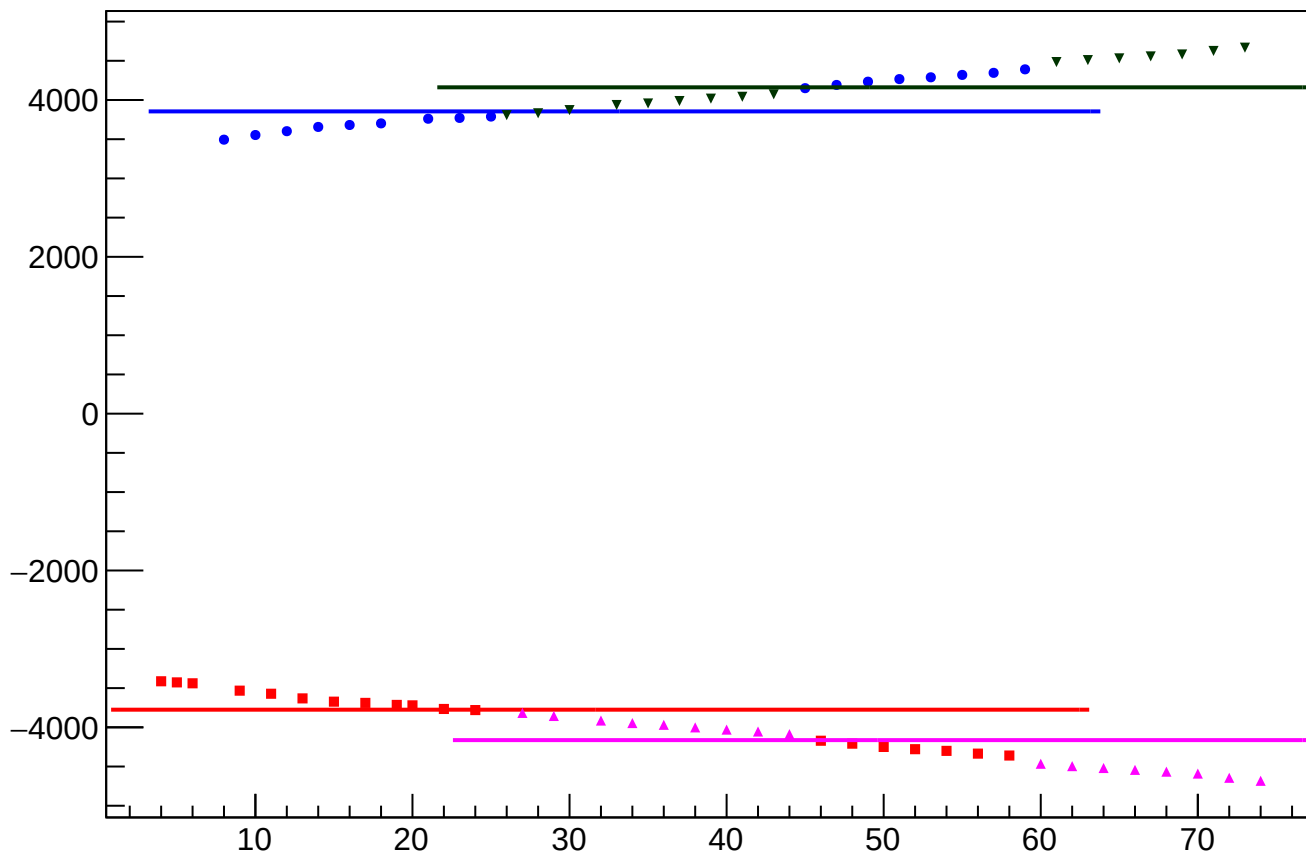
Left Out: 135.282 $\pm$ 0.032 χ^2 /NDF: 544677.9/15

8.567 $\pm$ 0.013 χ^2 /NDF: 61789212.7/68

Right Out: -79.762 $\pm$ 0.026 χ^2 /NDF: 3266179.3/18

Left In: -123.462 $\pm$ 0.032 χ^2 /NDF: 456689.3/16

dit_run_slope vs slug



Right In: 3854.684 $\pm$ 0.017 χ^2 /NDF: 199352351.1/16

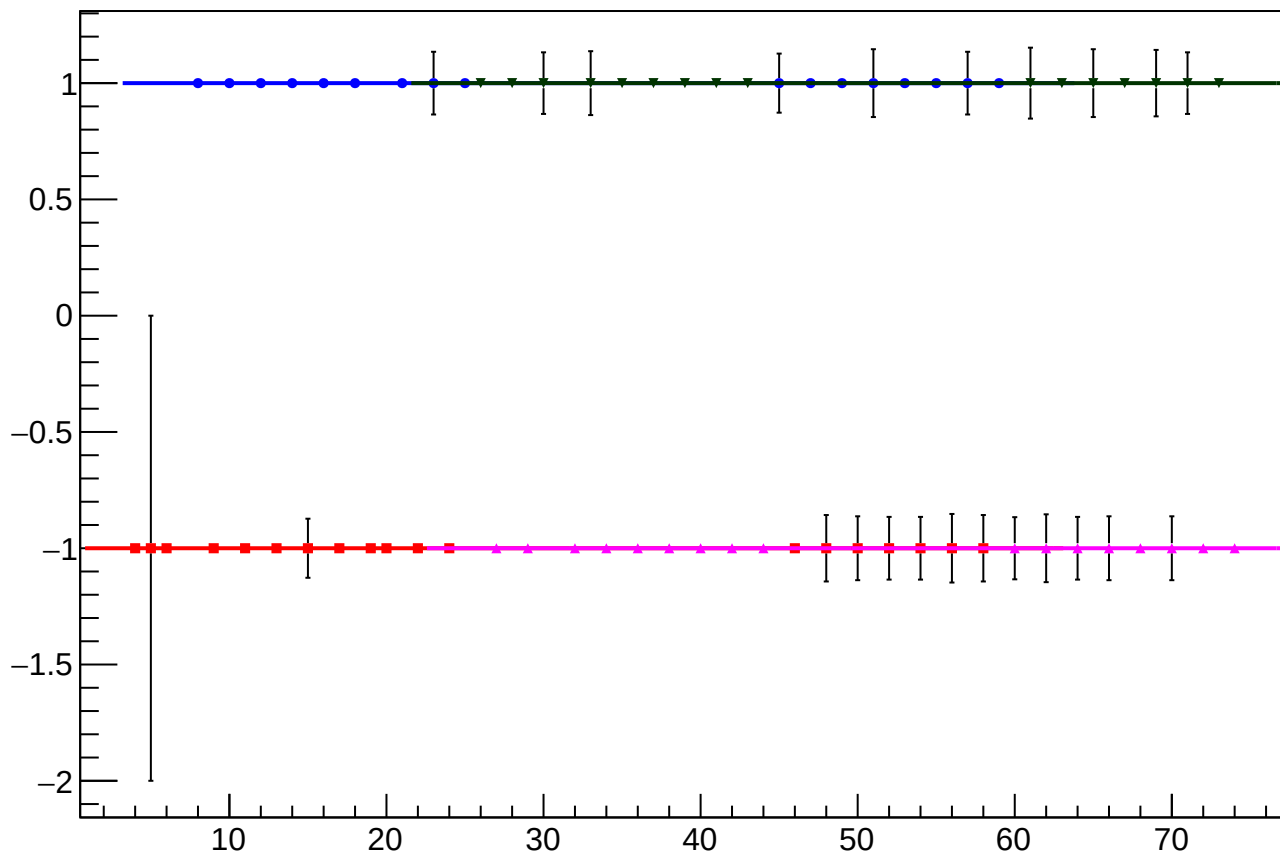
Left Out: 4161.590 $\pm$ 0.022 χ^2 /NDF: 215651235.3/15

Right Out: -3775.151 $\pm$ 0.016 χ^2 /NDF: 207652262.9/18

Left In: -4163.232 $\pm$ 0.024 χ^2 /NDF: 169537070.1/16

9.156 $\pm$ 0.010 χ^2 /NDF: 169376845632.0/68

dit_flag_slope vs slug



Right In: 1.000+/-0.000 χ^2/NDF : 2313.3/16

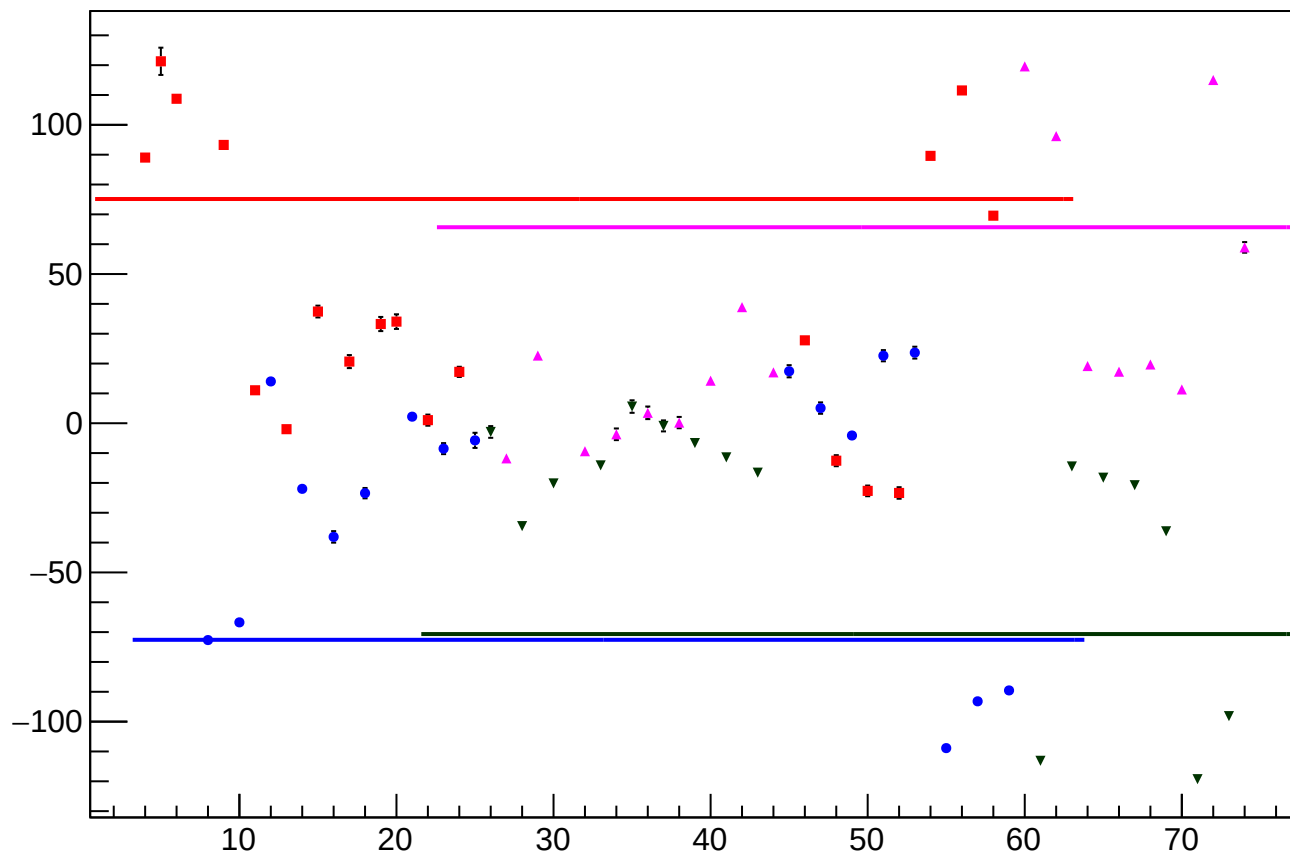
Left Out: 1.000+/-0.000 χ^2/NDF : 988.9/15

Right Out: -1.000+/-0.000 χ^2/NDF : 1333.3/18

Left In: -1.000+/-0.000 χ^2/NDF : 2225.2/16

0.056+/-0.000 χ^2/NDF : 1990603400324476404

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -72.581 $\pm$ 0.214 χ^2 /NDF: 29166.0/16

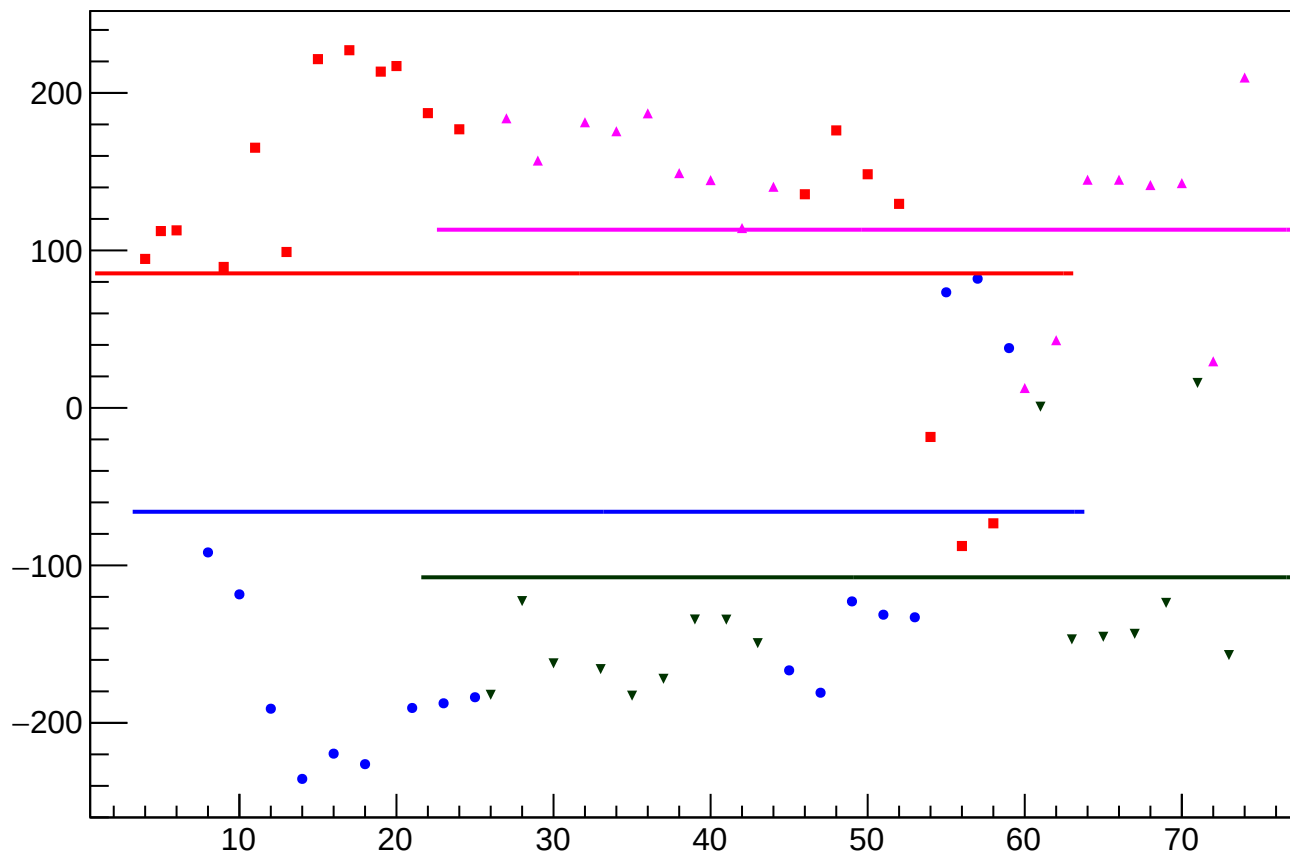
Left Out: -70.653 $\pm$ 0.268 χ^2 /NDF: 32281.5/15

Right Out: 75.144 $\pm$ 0.234 χ^2 /NDF: 28663.9/18

Left In: 65.685 $\pm$ 0.265 χ^2 /NDF: 35918.2/16

-3.747 $\pm$ 0.121 χ^2 /NDF: 474249.7/68

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -65.948 $\pm$ 0.175 χ^2 /NDF: 301841.4/16

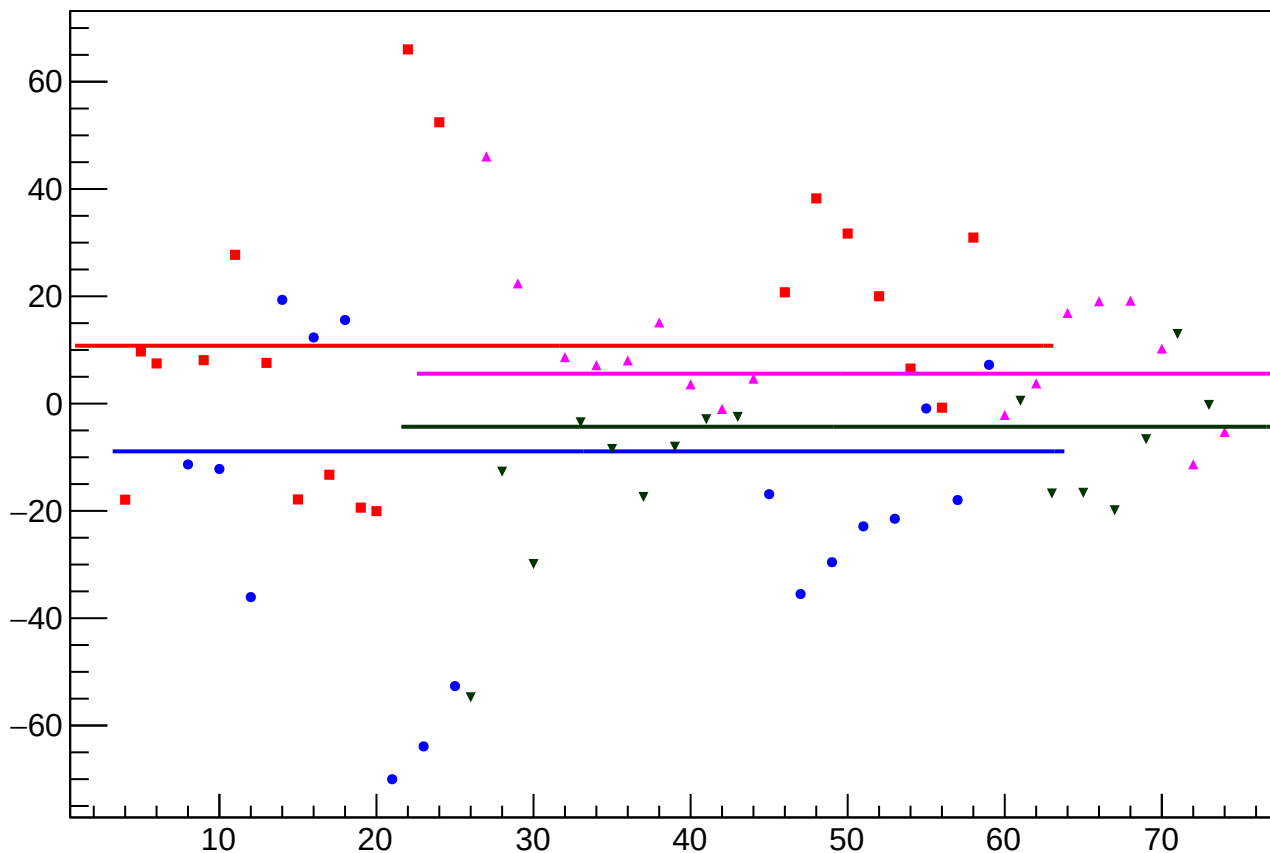
Left Out: -107.560 $\pm$ 0.282 χ^2 /NDF: 63446.8/15

Right Out: 85.421 $\pm$ 0.166 χ^2 /NDF: 255528.9/18

Left In: 113.152 $\pm$ 0.267 χ^2 /NDF: 59086.4/16

12.206 $\pm$ 0.102 χ^2 /NDF: 1396638.2/68

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -8.904+/-0.037 χ^2/NDF : 185870.1/16

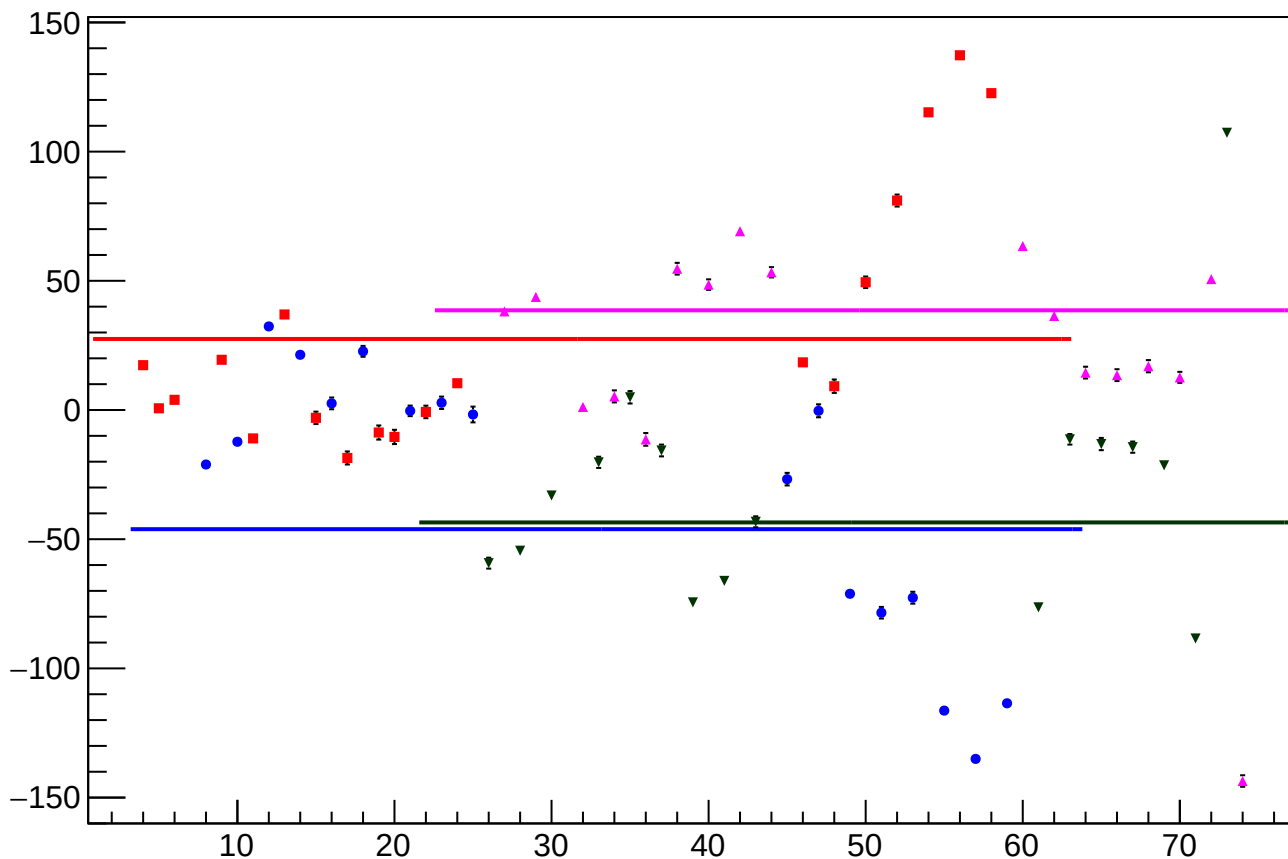
Left Out: -4.315+/-0.048 χ^2/NDF : 83601.9/15

Right Out: 10.790+/-0.040 χ^2/NDF : 177304.8/18

Left In: 5.577+/-0.047 χ^2/NDF : 67652.3/16

0.370+/-0.021 χ^2/NDF : 668063.4/68

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -46.123 $\pm$ 0.175 χ^2/NDF : 75690.0/16

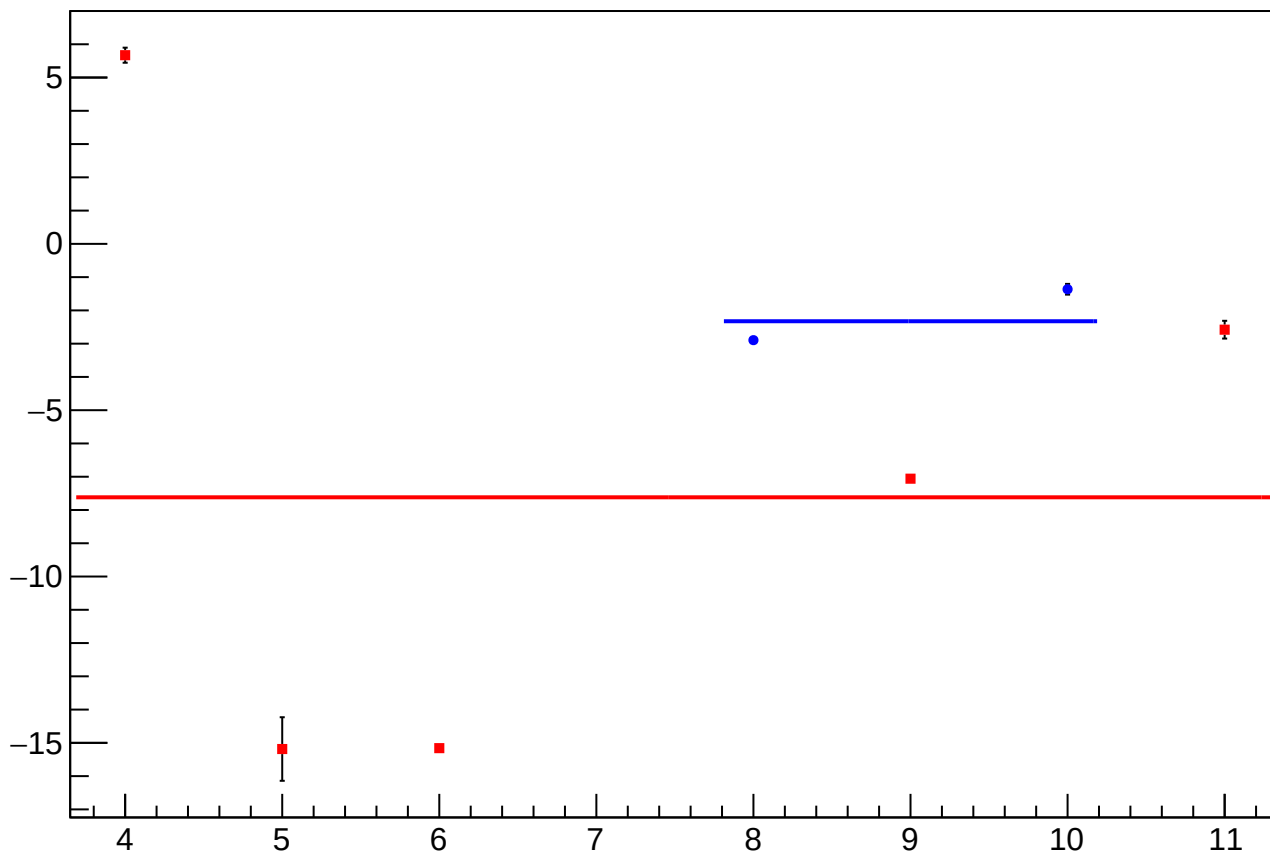
Left Out: -43.507 $\pm$ 0.369 χ^2/NDF : 22425.5/15

Right Out: 27.499 $\pm$ 0.150 χ^2/NDF : 73481.9/18

Left In: 38.585 $\pm$ 0.342 χ^2/NDF : 10029.5/16

-2.886 $\pm$ 0.104 χ^2/NDF : 310814.8/68

reg_asym_sam1_diff_bpm12X_slope vs slug



Right In: -2.326 ± 0.098 χ^2/NDF : 56.7/1

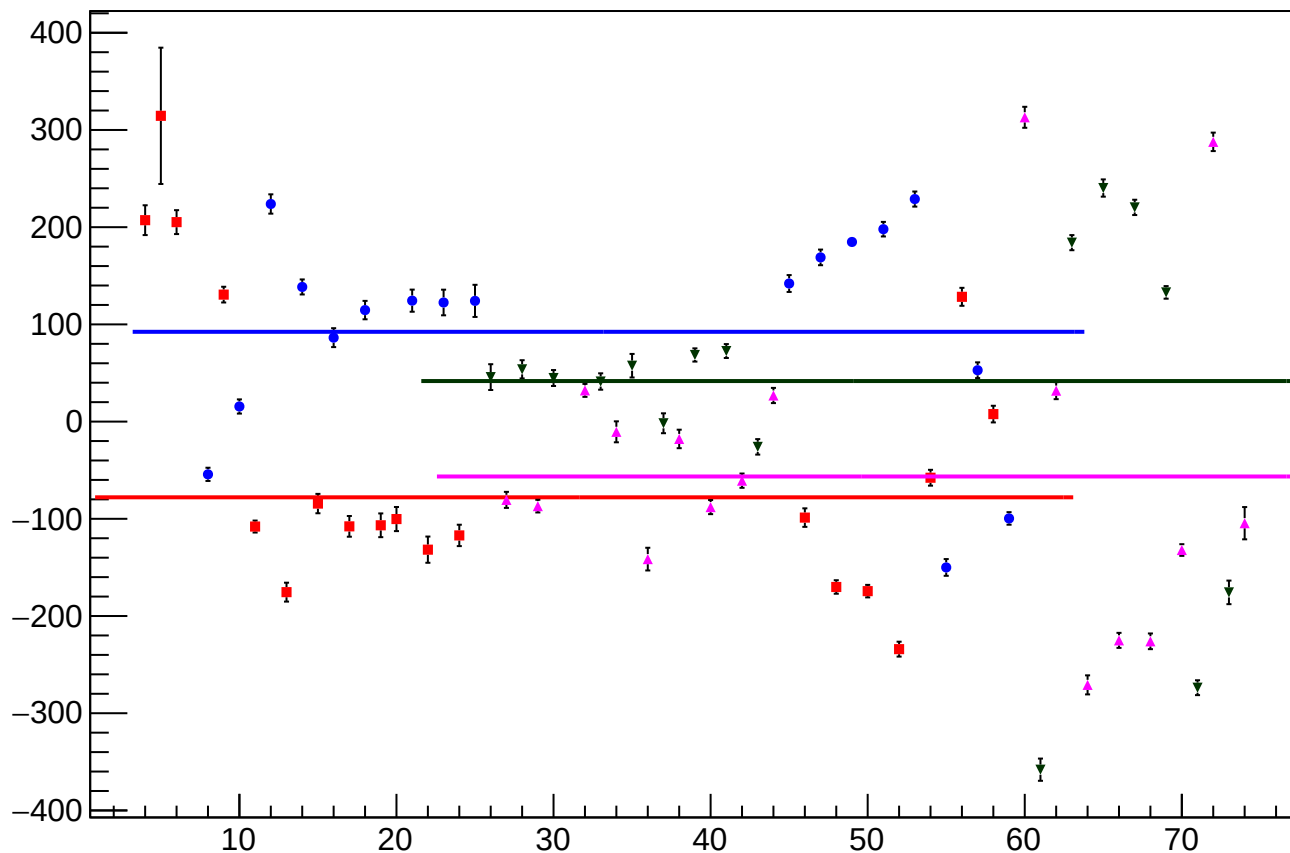
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.619 ± 0.085 χ^2/NDF : 6540.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.339 ± 0.064 χ^2/NDF : 8250.3/6

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 92.369 ± 1.931 $\chi^2/\text{NDF}: 3536.4/16$

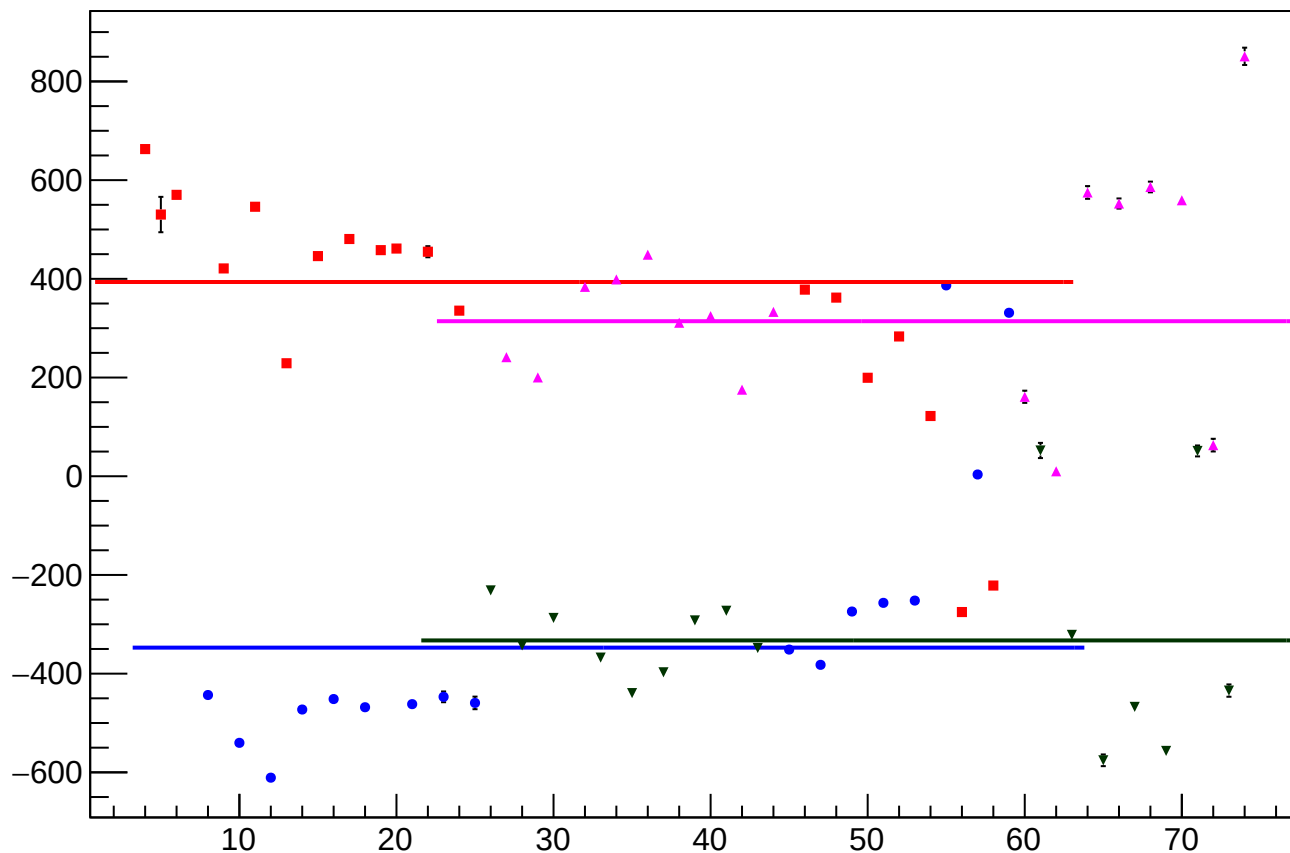
Left Out: 41.712 ± 2.132 $\chi^2/\text{NDF}: 4921.6/15$

Right Out: -77.890 ± 2.121 $\chi^2/\text{NDF}: 3166.8/18$

Left In: -56.462 ± 2.007 $\chi^2/\text{NDF}: 4576.6/16$

2.718 ± 1.021 $\chi^2/\text{NDF}: 21005.8/68$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -347.274+/-1.413 χ^2/NDF : 25938.5/16

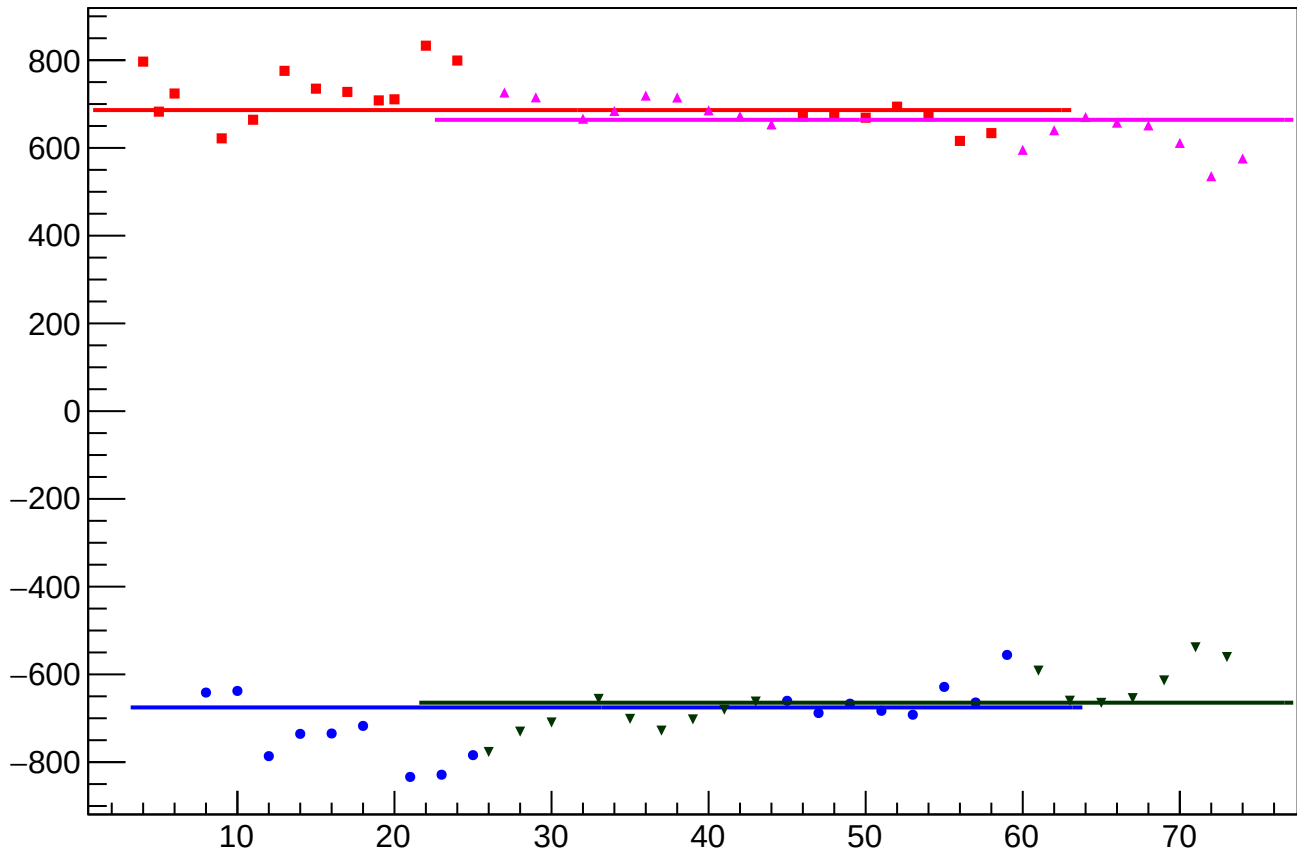
Left Out: -332.678+/-1.903 χ^2/NDF : 3859.2/15

Right Out: 393.604+/-1.370 χ^2/NDF : 20238.2/18

Left In: 314.169+/-1.737 χ^2/NDF : 7045.0/16

29.191+/-0.781 χ^2/NDF : 261909.6/68

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -675.298+/-0.346 χ^2/NDF : 32427.0/16

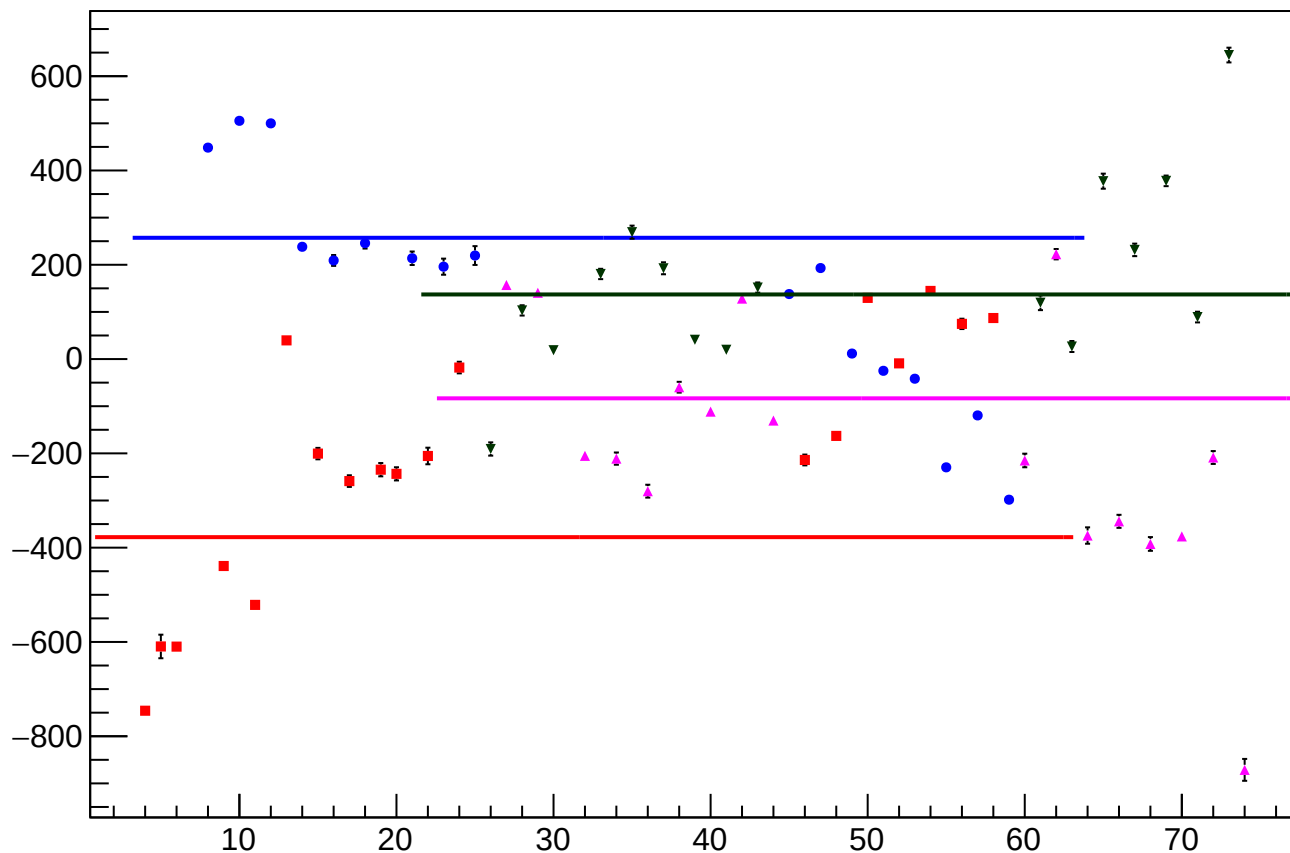
Left Out: -664.505+/-0.367 χ^2/NDF : 21034.4/15

Right Out: 686.255+/-0.374 χ^2/NDF : 19379.8/18

Left In: 664.035+/-0.349 χ^2/NDF : 14852.5/16

-6.473+/-0.179 χ^2/NDF : 14157871.0/68

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 257.240 $\pm$ 1.806 χ^2 /NDF: 21348.4/16

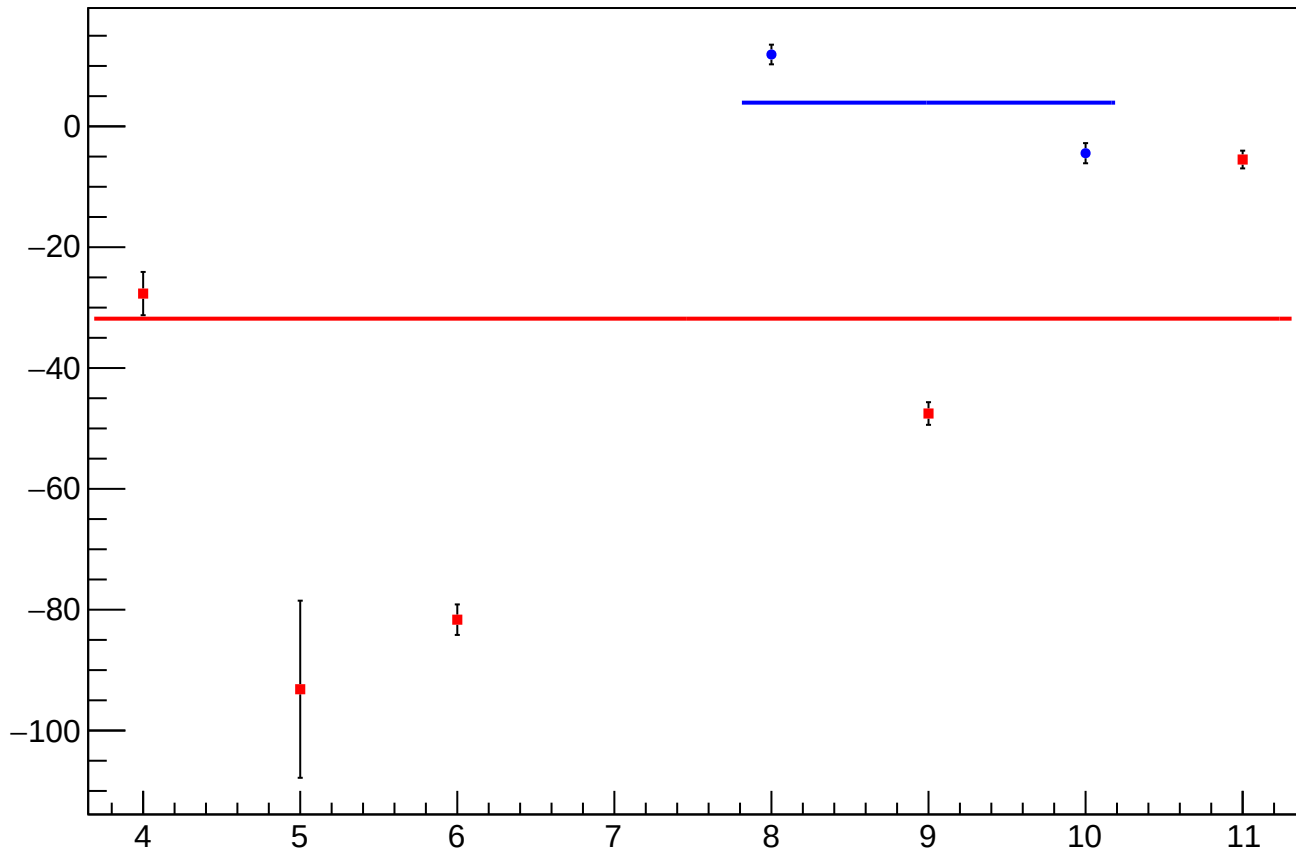
Left Out: 137.054 $\pm$ 2.925 χ^2 /NDF: 2995.1/15

Right Out: -377.710 $\pm$ 1.715 χ^2 /NDF: 27039.3/18

Left In: -83.285 $\pm$ 2.681 χ^2 /NDF: 6821.6/16

-49.893 $\pm$ 1.053 χ^2 /NDF: 127894.3/68

reg_asym_sam2_diff_bpm12X_slope vs slug



Right In: 3.926+/-1.165 χ^2/NDF : 49.1/1

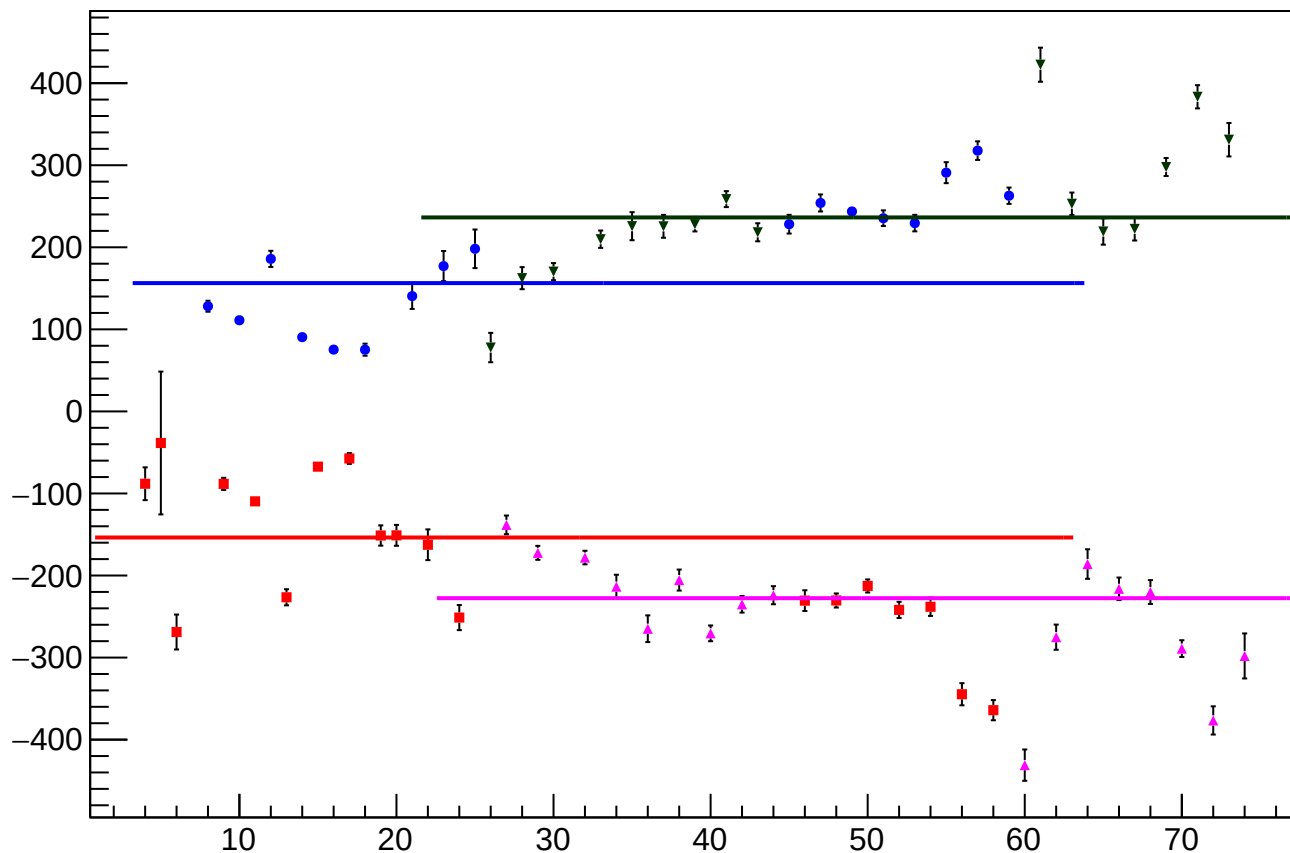
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.554+/-0.761 χ^2/NDF : 1388.8/6

Right Out: -31.829+/-1.006 χ^2/NDF : 800.1/4

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

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 156.369 $\pm$ 1.940 χ^2 /NDF: 1561.6/16

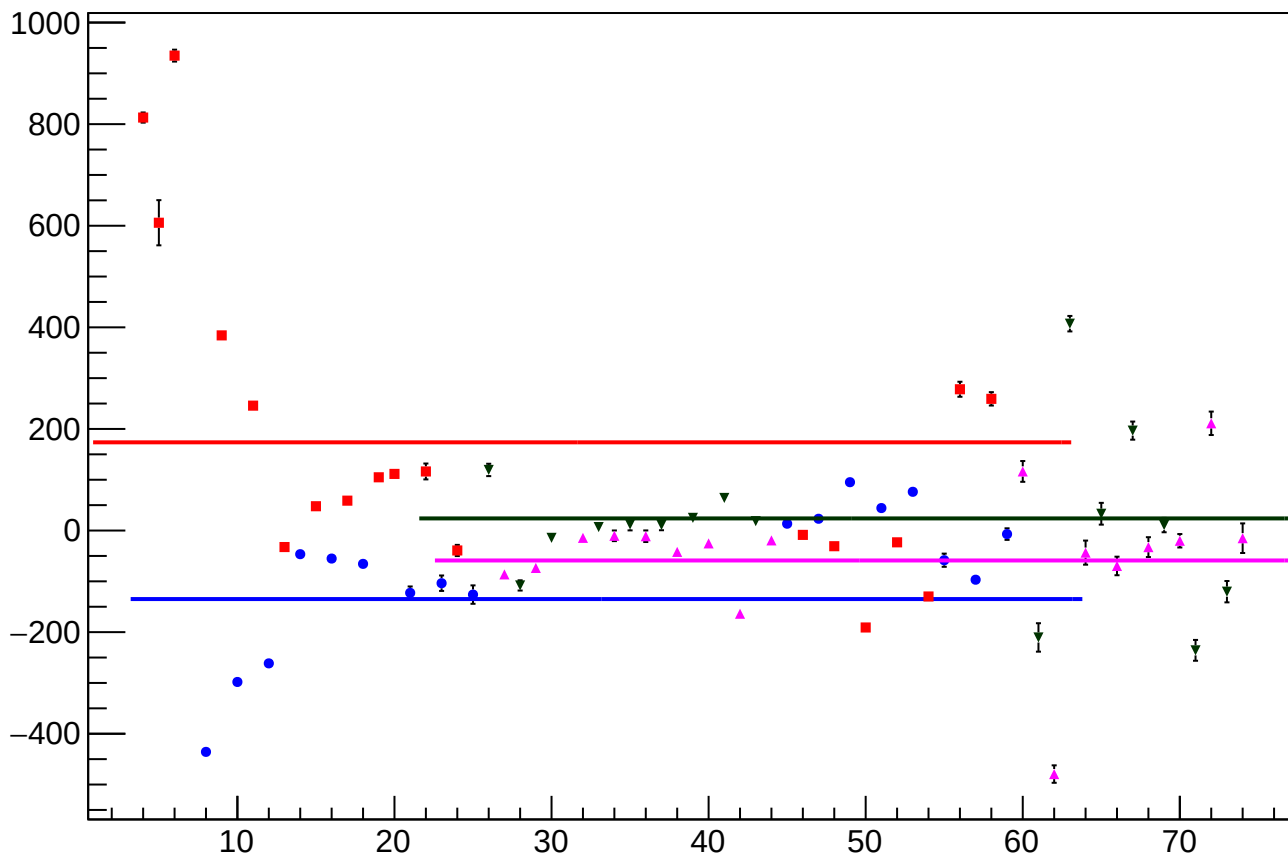
Left Out: 236.377 $\pm$ 3.175 χ^2 /NDF:410.1/15

8.738 $\pm$ 1.201 χ^2 /NDF: 26876.9/68

Right Out: -153.657 $\pm$ 2.158 χ^2 /NDF: 1521.4/18

Left In: -227.603 $\pm$ 2.961 χ^2 /NDF:416.4/16

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -134.877 ± 1.342 $\chi^2/\text{NDF}: 14913.4/16$

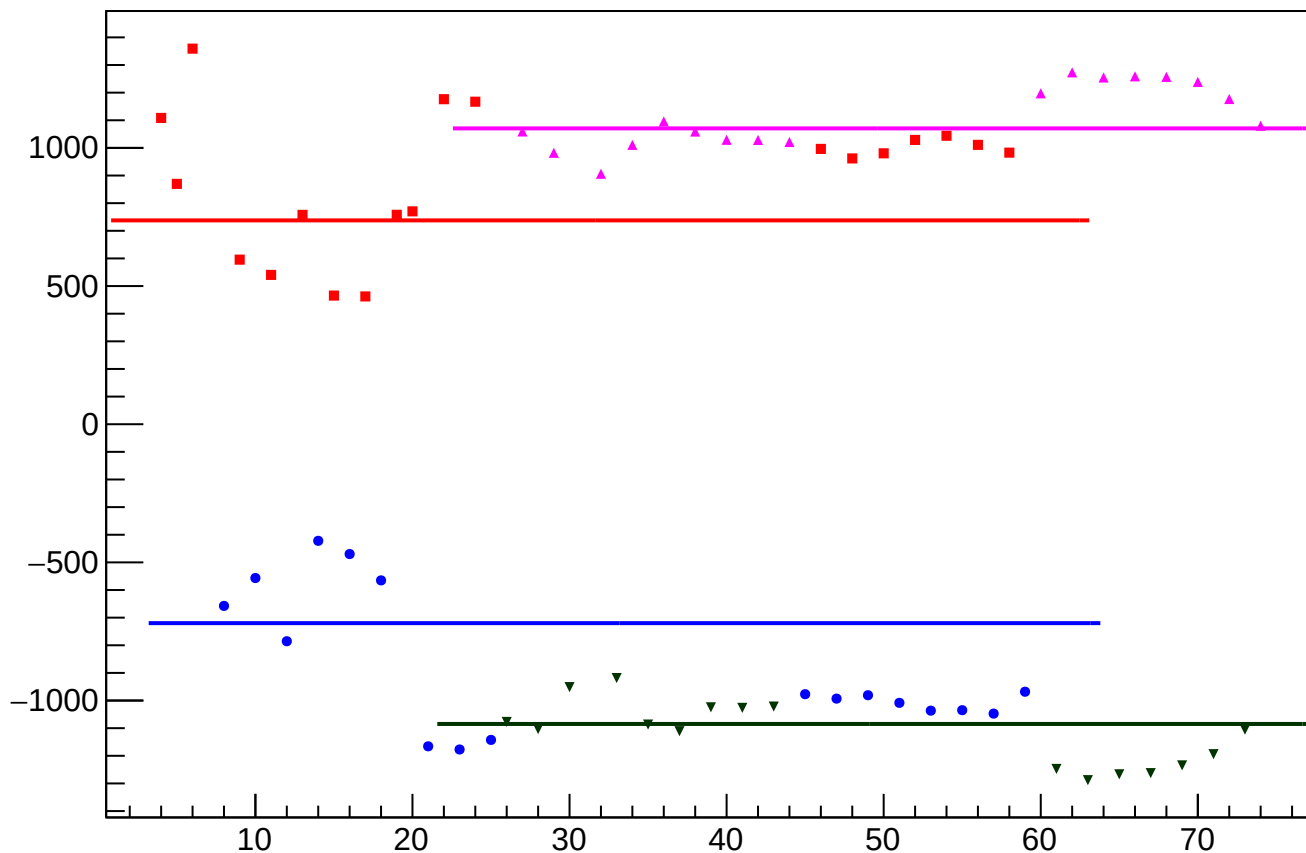
Left Out: 23.863 ± 2.676 $\chi^2/\text{NDF}: 1300.6/15$

16.871 ± 0.823 $\chi^2/\text{NDF}: 67986.2/68$

Right Out: 173.637 ± 1.277 $\chi^2/\text{NDF}: 21765.9/18$

Left In: -58.914 ± 2.436 $\chi^2/\text{NDF}: 1186.7/16$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -719.883 ± 0.353 $\chi^2/\text{NDF}: 505063.2/16$

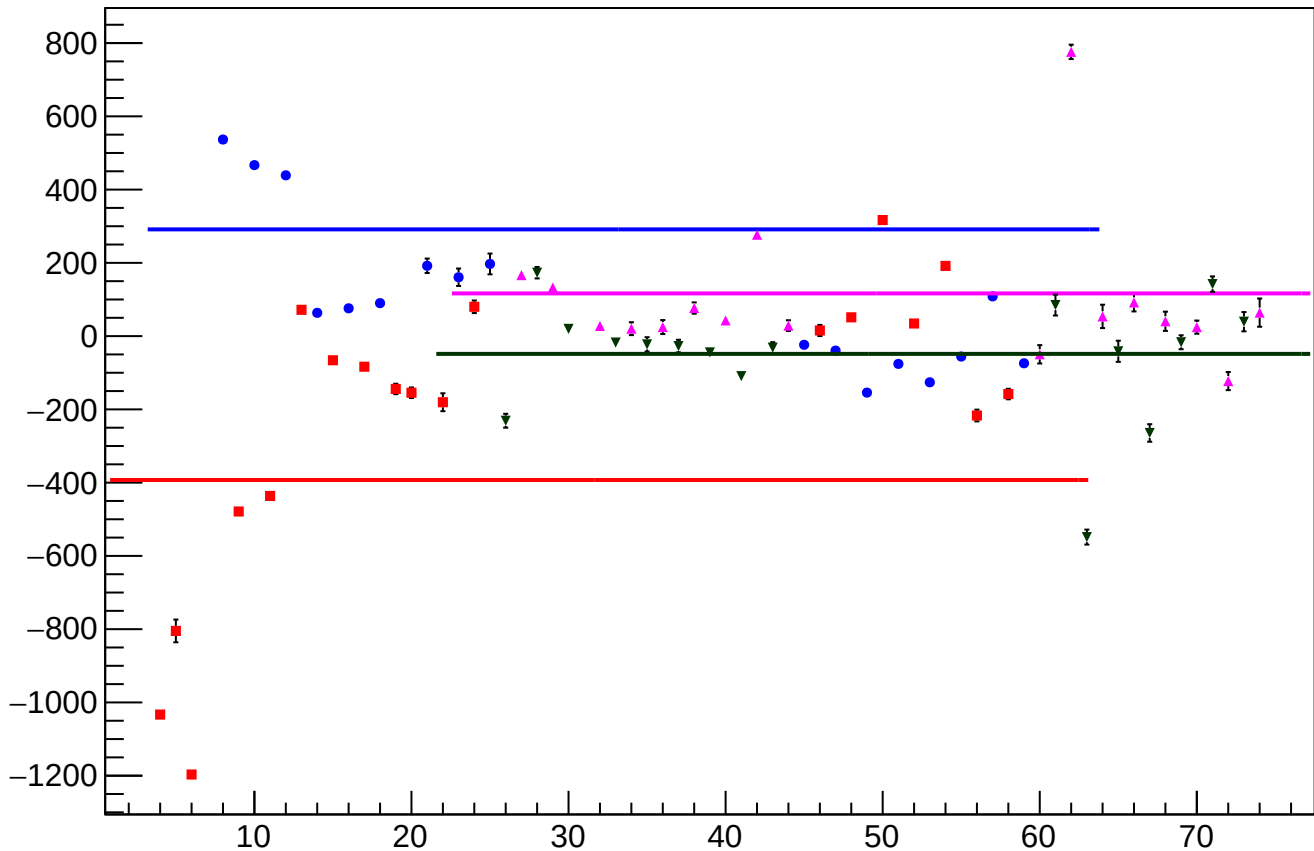
Left Out: -1084.743 ± 0.543 $\chi^2/\text{NDF}: 47269.8/15$

Right Out: 737.703 ± 0.386 $\chi^2/\text{NDF}: 403626.1/18$

Left In: 1070.621 ± 0.512 $\chi^2/\text{NDF}: 54502.0/16$

-20.458 ± 0.214 $\chi^2/\text{NDF}: 17168389.0/68$

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 291.394 ± 1.719 $\chi^2/\text{NDF}: 20434.7/16$

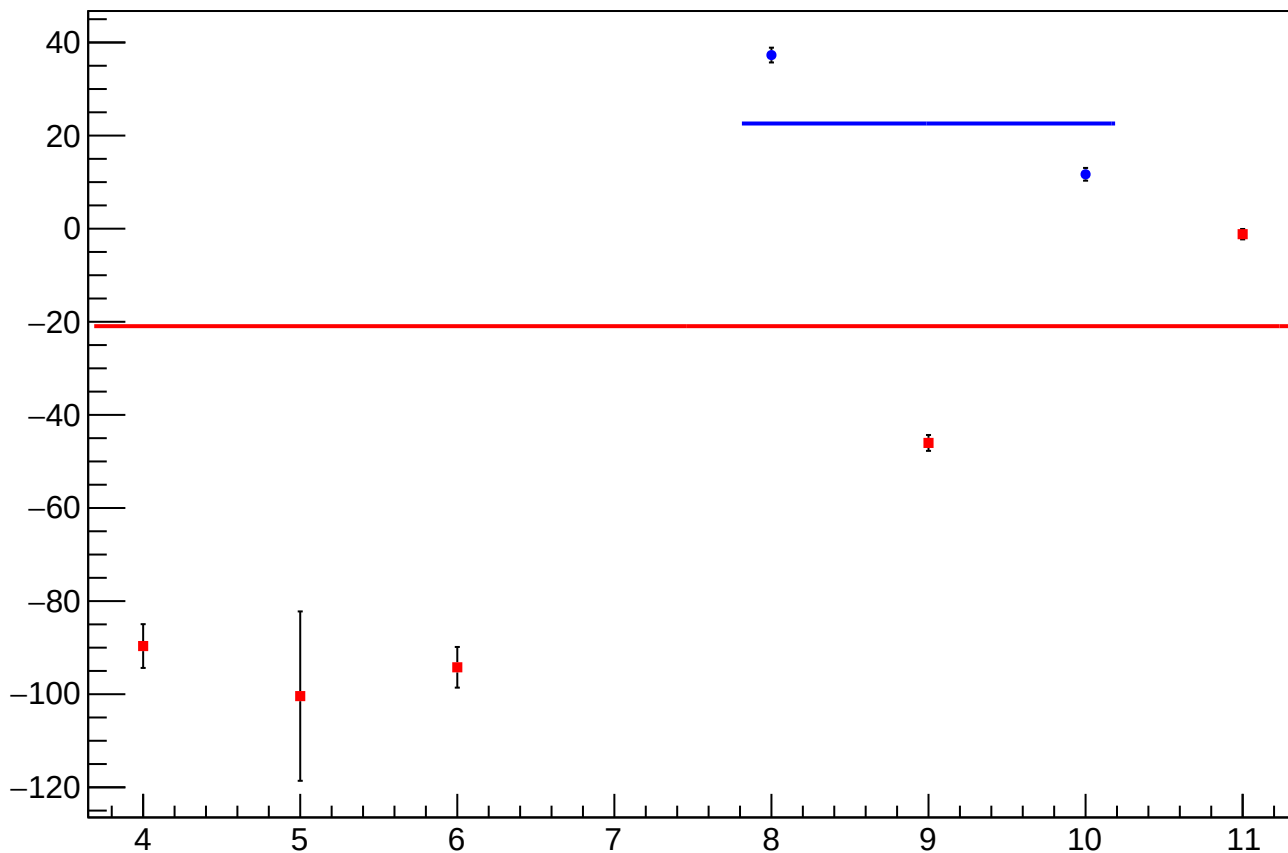
Left Out: -48.490 ± 4.243 $\chi^2/\text{NDF}: 1150.6/15$

-43.149 ± 1.108 $\chi^2/\text{NDF}: 144888.5/68$

Right Out: -392.717 ± 1.682 $\chi^2/\text{NDF}: 38797.1/18$

Left In: 116.608 ± 3.865 $\chi^2/\text{NDF}: 1708.5/16$

reg_asym_sam3_diff_bpm12X_slope vs slug



Right In: 22.593+/-1.038 χ^2 /NDF: 149.0/1

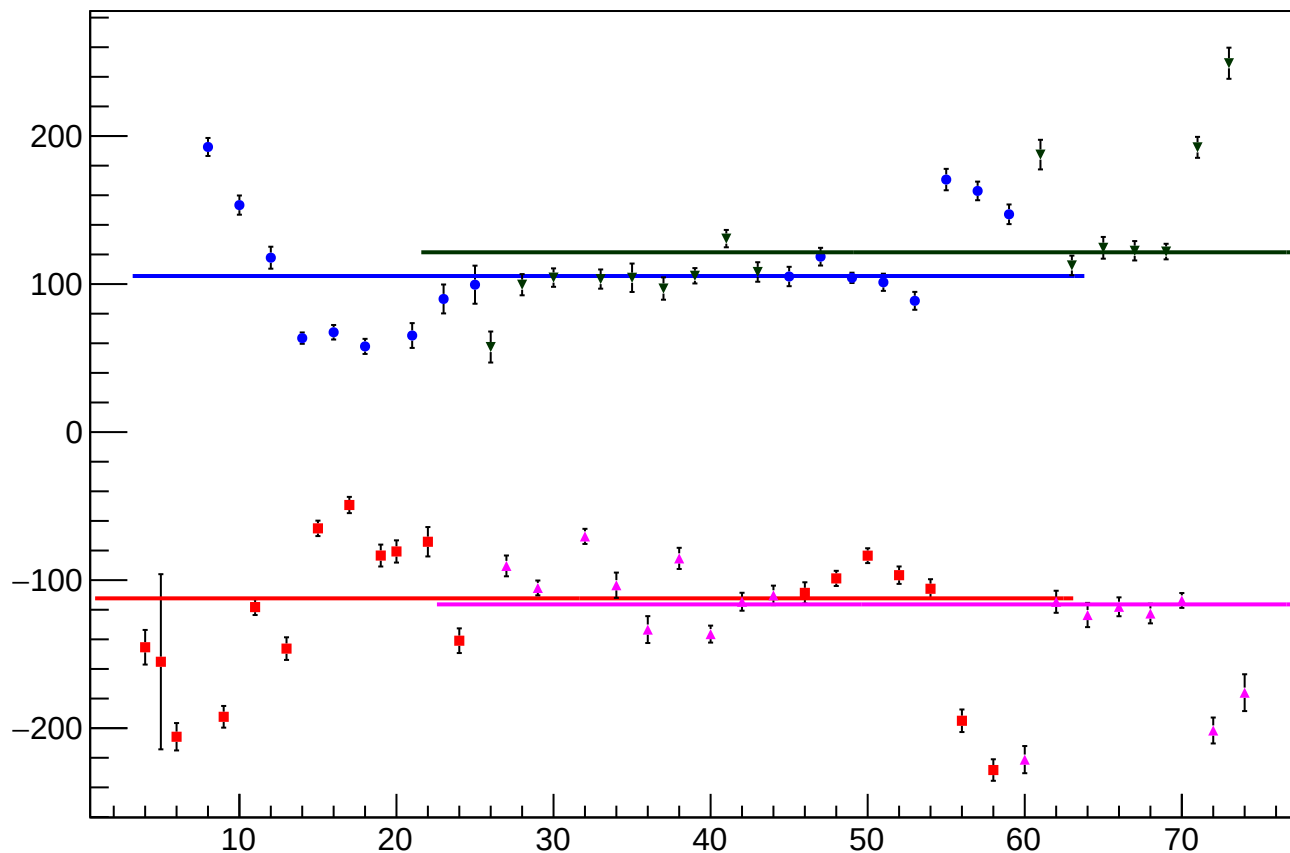
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.941+/-0.896 χ^2 /NDF: 1043.2/4

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

-2.348+/-0.678 χ^2 /NDF: 2200.7/6

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 105.444 $\pm$ 1.406 χ^2 /NDF: 772.3/16

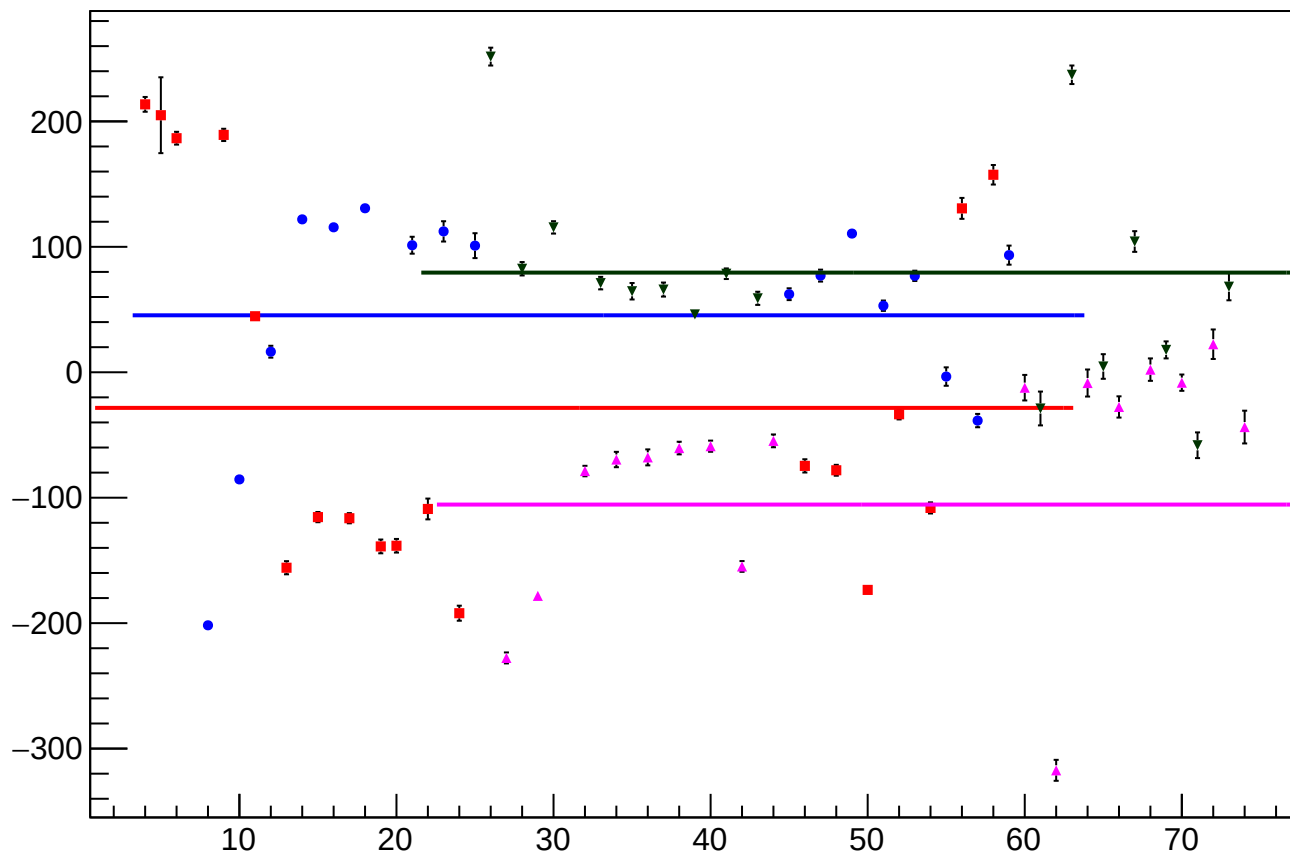
Left Out: 121.470 $\pm$ 1.726 χ^2 /NDF: 384.7/15

Right Out: -112.305 $\pm$ 1.568 χ^2 /NDF: 945.7/18

Left In: -116.388 $\pm$ 1.631 χ^2 /NDF: 387.5/16

2.867 $\pm$ 0.785 χ^2 /NDF: 23278.3/68

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 45.414+/-1.035 χ^2/NDF : 8622.8/16

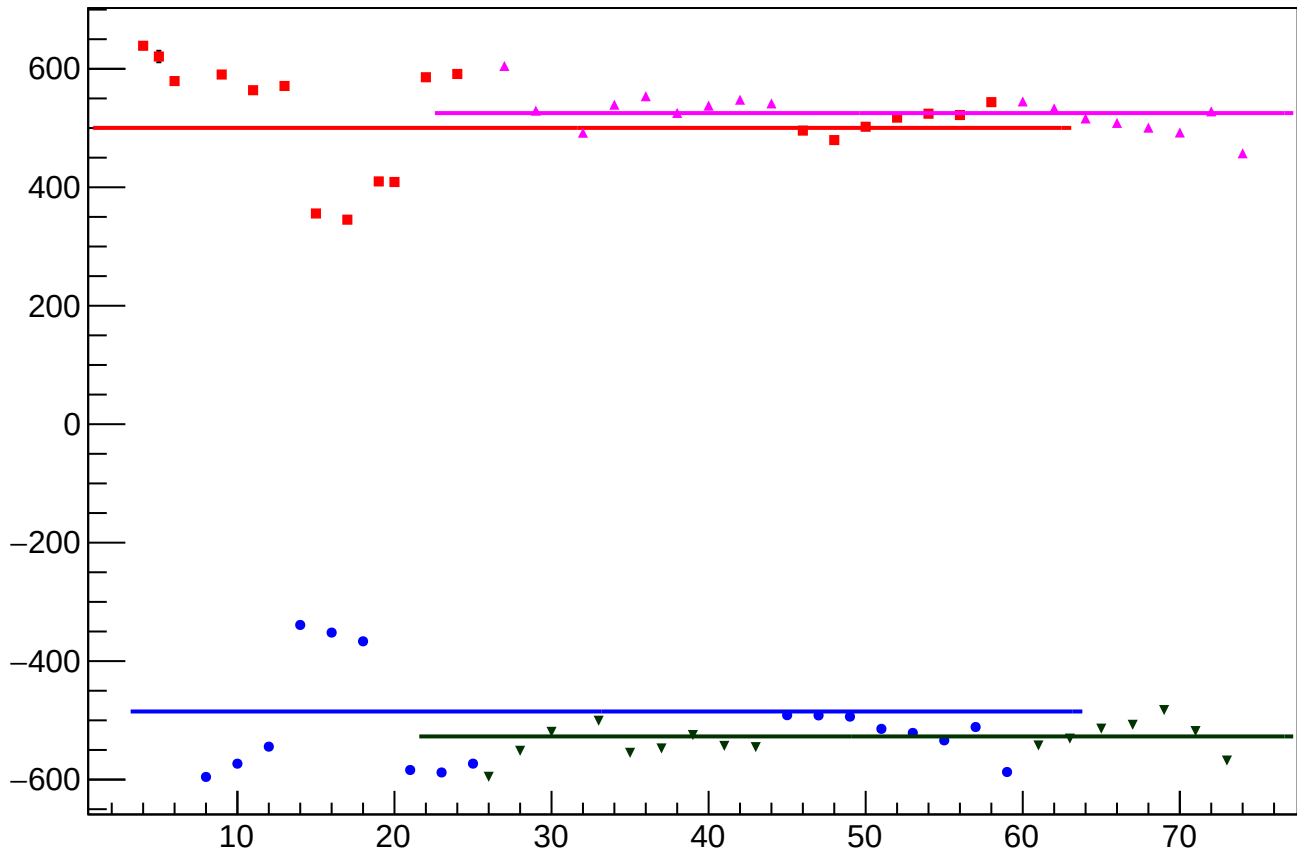
Left Out: 79.455+/-1.511 χ^2/NDF : 1592.1/15

Right Out: -28.391+/-1.050 χ^2/NDF : 12829.4/18

Left In: -105.471+/-1.400 χ^2/NDF : 3086.5/16

-0.845+/-0.599 χ^2/NDF : 37223.2/68

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -485.027+/-0.256 χ^2/NDF : 115309.4/16

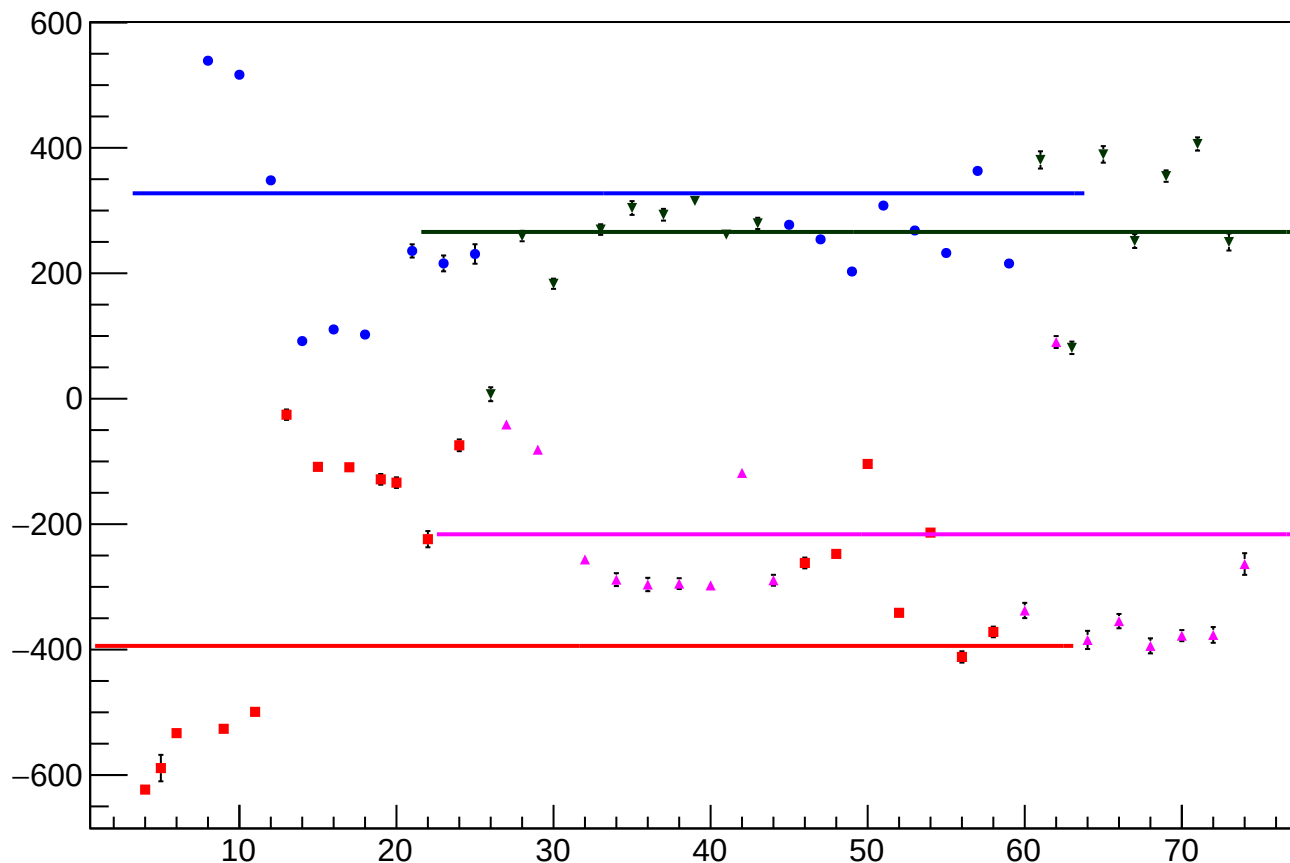
Left Out: -527.166+/-0.296 χ^2/NDF : 6564.2/15

Right Out: 500.279+/-0.280 χ^2/NDF : 79227.0/18

Left In: 525.264+/-0.283 χ^2/NDF : 9631.9/16

-8.567+/-0.139 χ^2/NDF : 13602349.6/68

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 327.499+/-1.410 χ^2/NDF : 14677.1/16

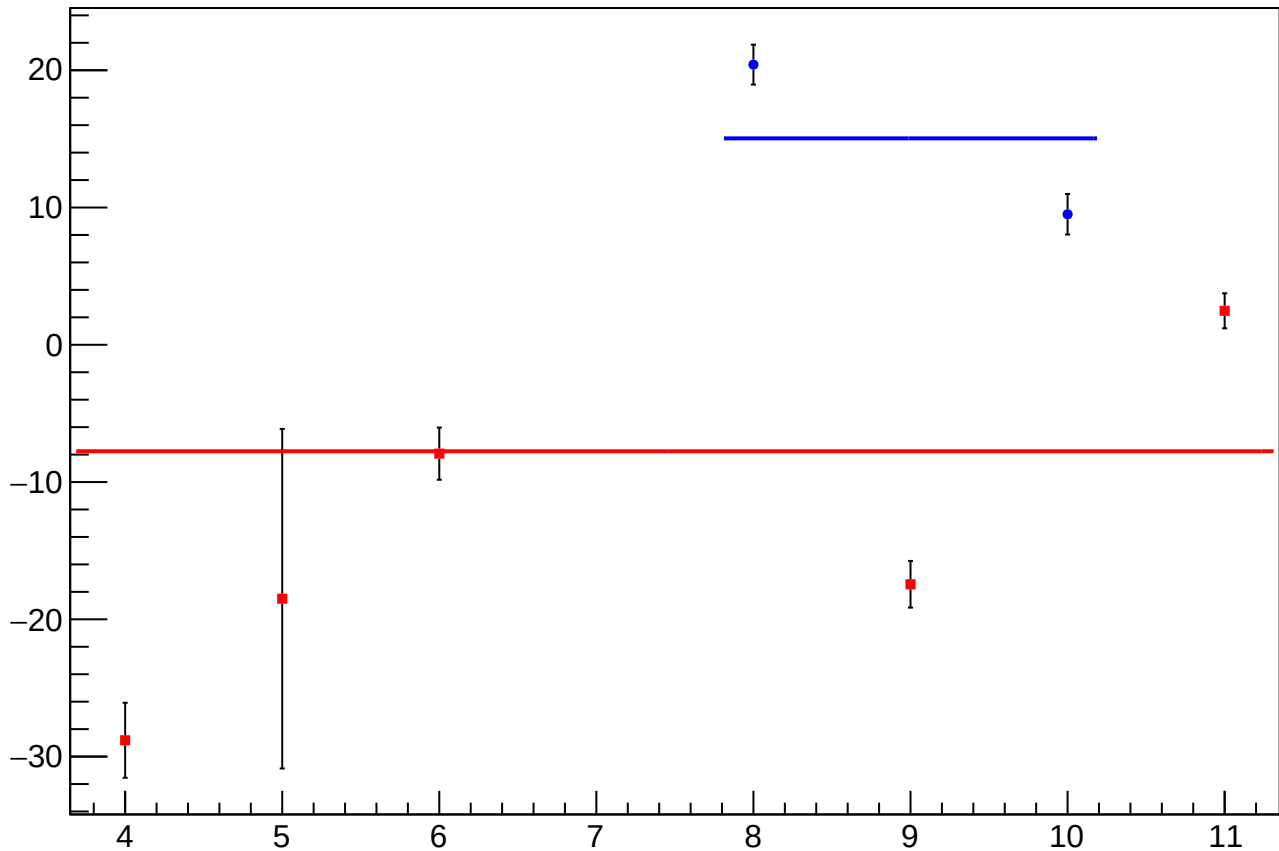
Left Out: 265.894+/-2.351 χ^2/NDF : 1504.1/15

Right Out: -394.083+/-1.339 χ^2/NDF : 20726.2/18

Left In: -216.149+/-2.182 χ^2/NDF : 3893.1/16

-36.026+/-0.830 χ^2/NDF : 202095.1/68

reg_asym_sam4_diff_bpm12X_slope vs slug



Right In: 15.037 $\pm$ 1.036 χ^2 /NDF: 27.7/1

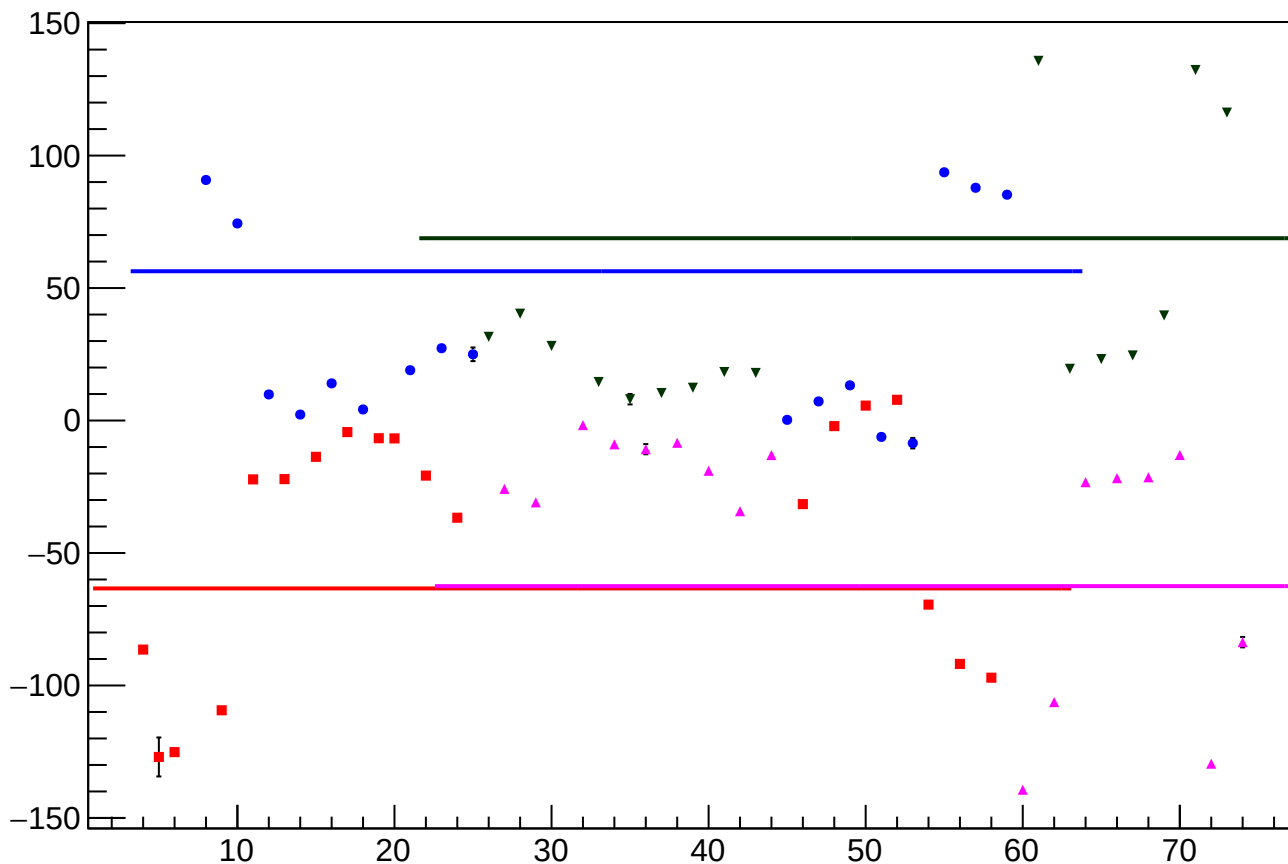
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.443 $\pm$ 0.658 χ^2 /NDF: 473.5/6

Right Out: -7.757 $\pm$ 0.852 χ^2 /NDF: 156.9/4

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

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 56.342+/-0.279 χ^2/NDF : 19978.7/16

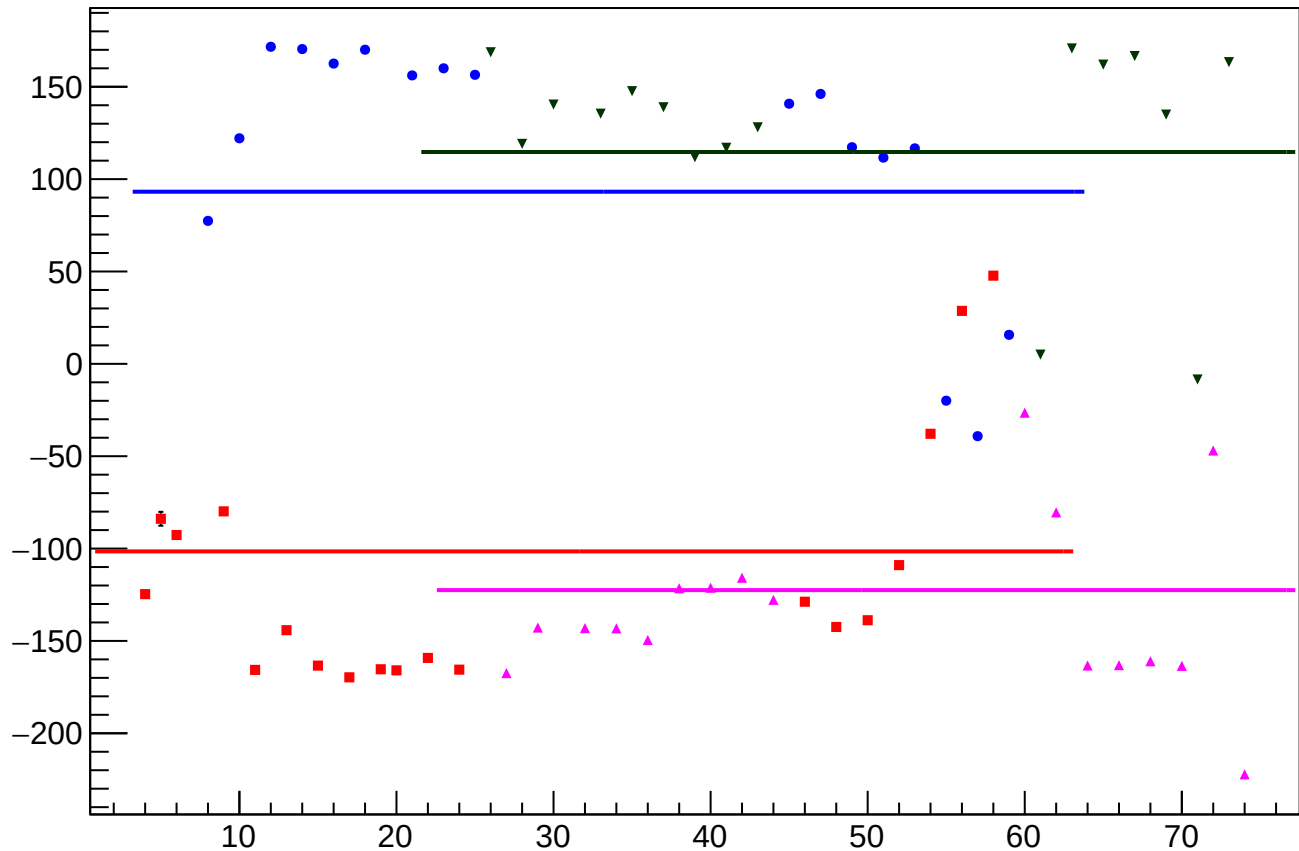
Left Out: 68.803+/-0.305 χ^2/NDF : 30532.3/15

Right Out: -63.372+/-0.290 χ^2/NDF : 21065.2/18

Left In: -62.500+/-0.303 χ^2/NDF : 31367.6/16

0.625+/-0.147 χ^2/NDF : 284903.4/68

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 93.189 $\pm$ 0.224 χ^2 /NDF: 100287.1/16

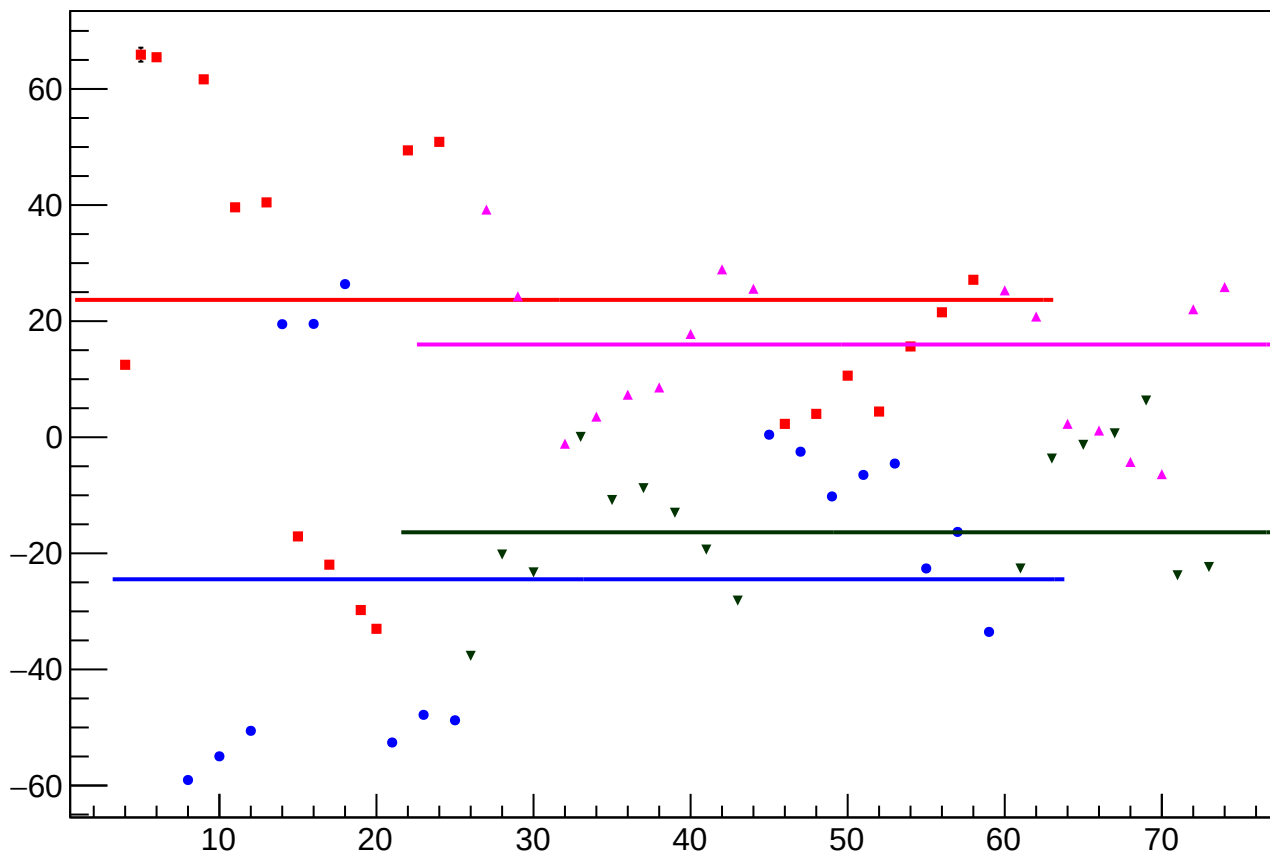
Left Out: 114.687 $\pm$ 0.296 χ^2 /NDF: 33497.8/15

Right Out: -101.532 $\pm$ 0.213 χ^2 /NDF: 110441.3/18

Left In: -122.499 $\pm$ 0.284 χ^2 /NDF: 24288.2/16

-8.862 $\pm$ 0.123 χ^2 /NDF: 999810.1/68

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -24.470 ± 0.049 $\chi^2/\text{NDF}: 265889.3/16$

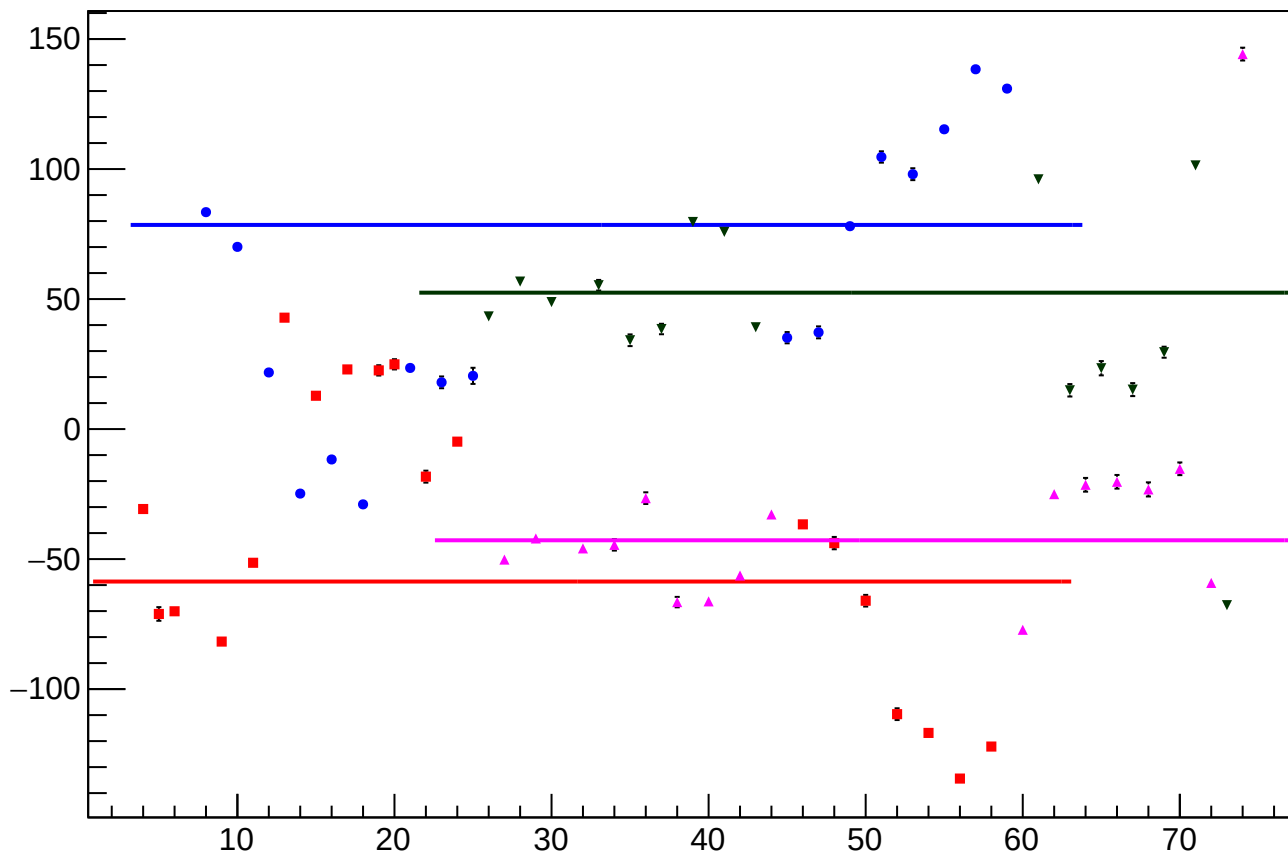
Left Out: -16.374 ± 0.054 $\chi^2/\text{NDF}: 40076.7/15$

Right Out: 23.666 ± 0.050 $\chi^2/\text{NDF}: 238846.8/18$

Left In: 15.979 ± 0.054 $\chi^2/\text{NDF}: 53498.9/16$

-0.616 ± 0.026 $\chi^2/\text{NDF}: 1250616.8/68$

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 78.513+/-0.253 χ^2/NDF : 29697.3/16

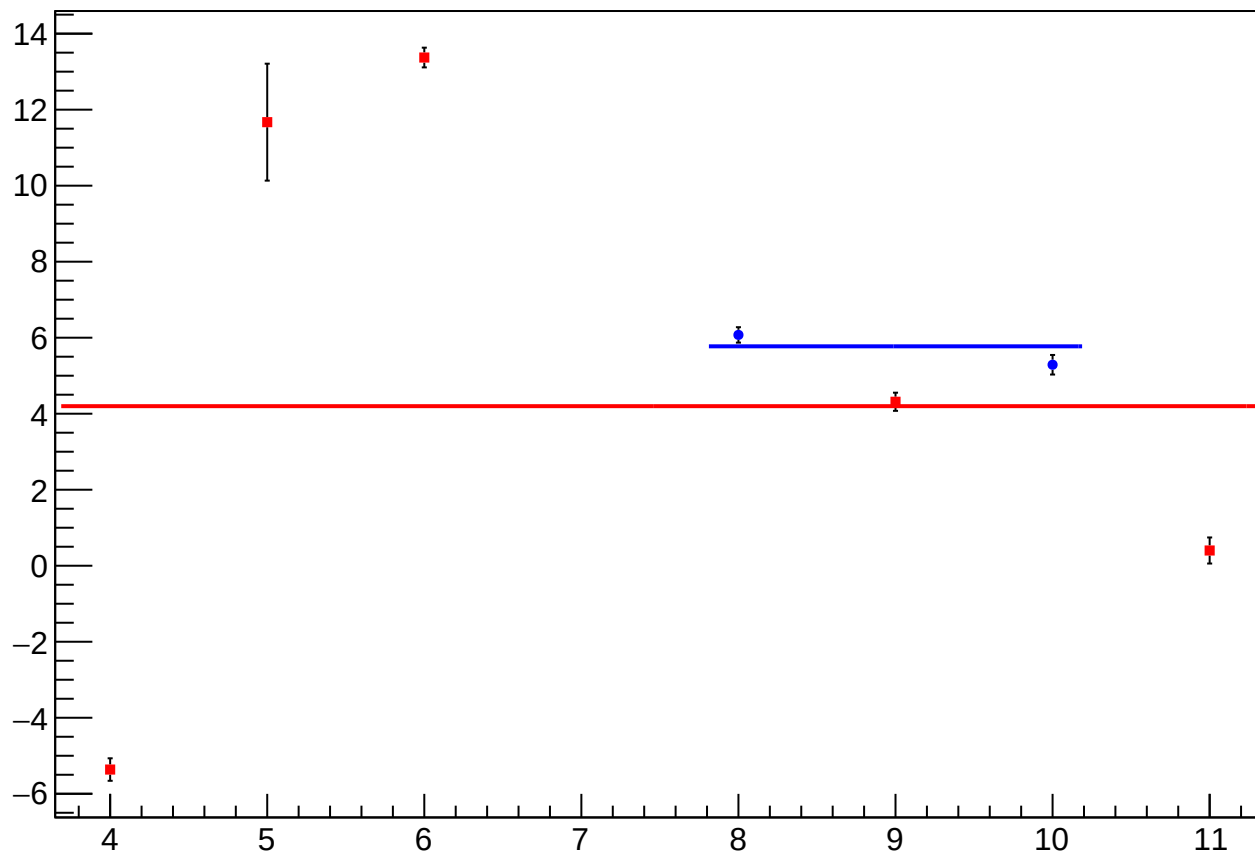
Left Out: 52.460+/-0.413 χ^2/NDF : 13264.9/15

Right Out: -58.636+/-0.215 χ^2/NDF : 38299.4/18

Left In: -42.772+/-0.394 χ^2/NDF : 8063.1/16

-0.161+/-0.142 χ^2/NDF : 288312.3/68

reg_asym_sam5_diff_bpm12X_slope vs slug



Right In: 5.773+/-0.159 χ^2/NDF : 5.7/1

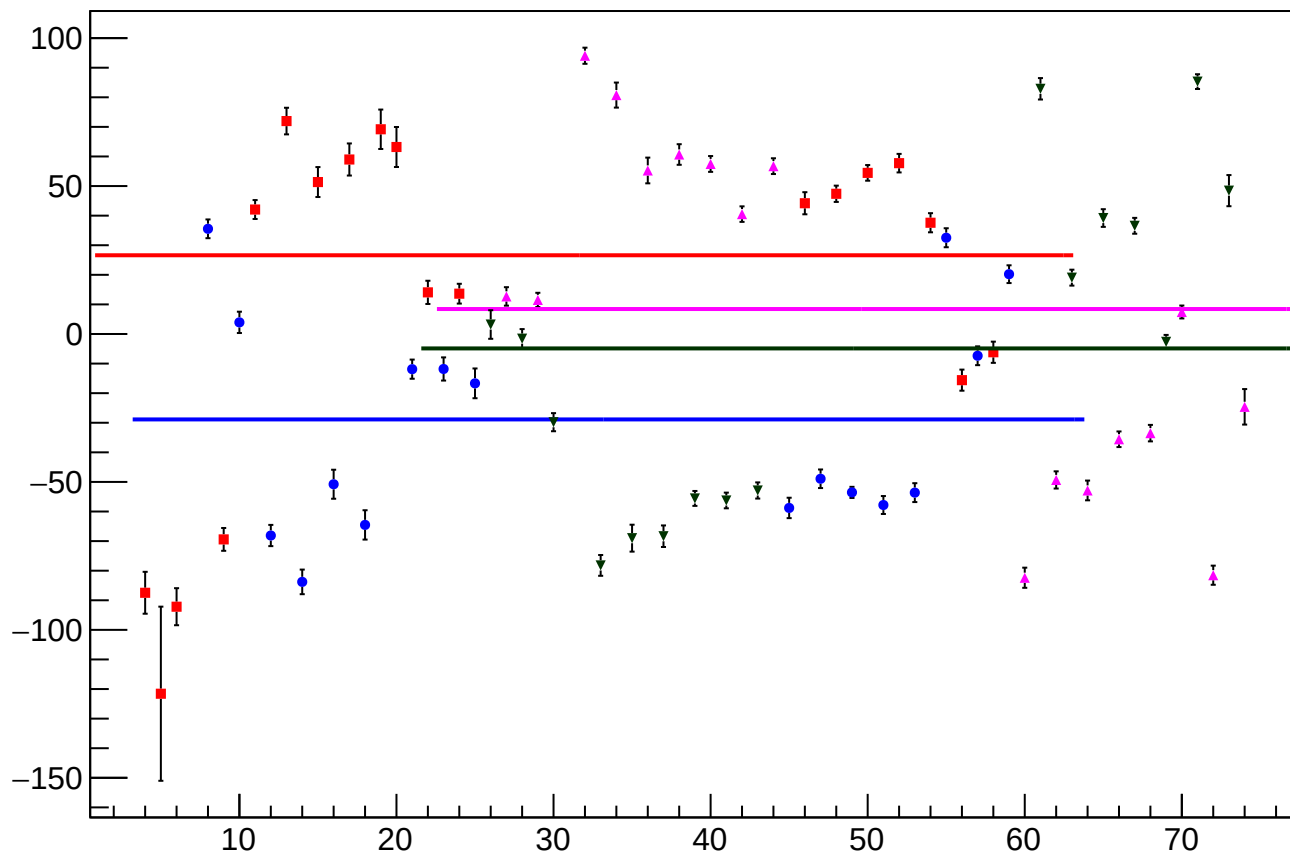
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.198+/-0.138 χ^2/NDF : 2438.4/4

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

4.872+/-0.104 χ^2/NDF : 2500.0/6

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -28.875 ± 0.796 $\chi^2/\text{NDF}: 2034.0/16$

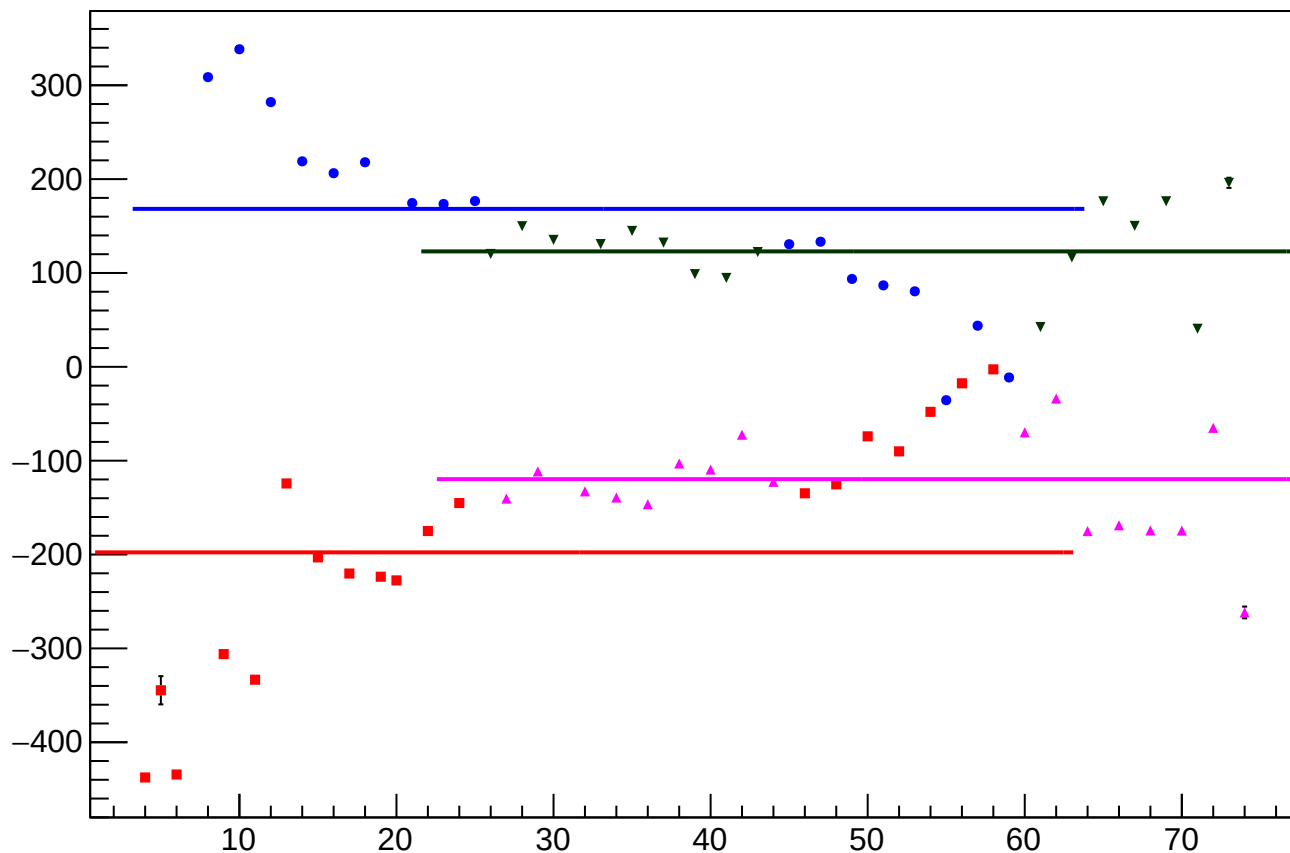
Left Out: -4.877 ± 0.760 $\chi^2/\text{NDF}: 4631.0/15$

Right Out: 26.608 ± 0.900 $\chi^2/\text{NDF}: 2069.4/18$

Left In: 8.439 ± 0.720 $\chi^2/\text{NDF}: 5191.2/16$

-0.756 ± 0.393 $\chi^2/\text{NDF}: 16289.7/68$

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 168.292 ± 0.597 χ^2/NDF : 32481.8/16

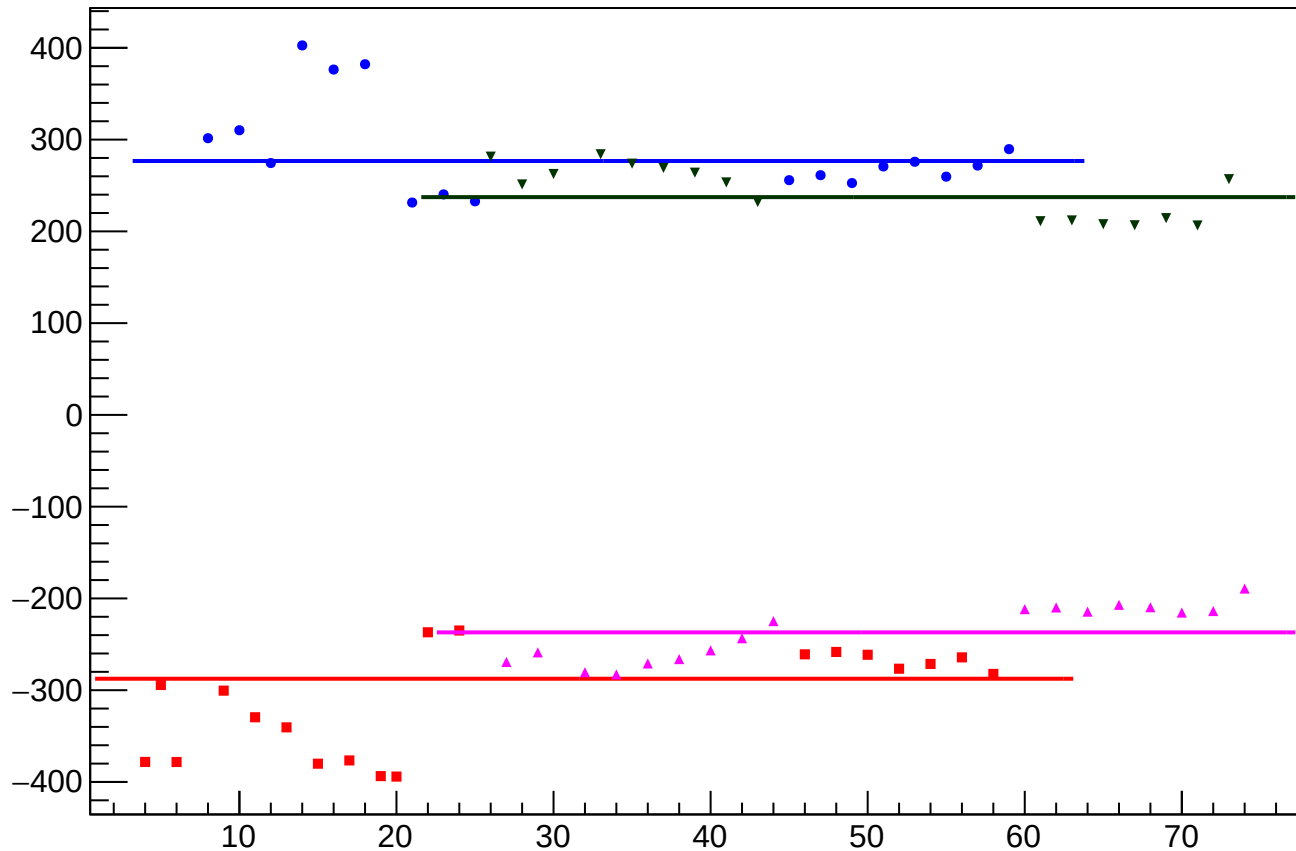
Left Out: 122.991 ± 0.691 χ^2/NDF : 2132.5/15

Right Out: -197.675 ± 0.614 χ^2/NDF : 41103.1/18

Left In: -119.678 ± 0.635 χ^2/NDF : 3462.8/16

-9.055 ± 0.316 χ^2/NDF : 328894.3/68

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 276.694 ± 0.143 $\chi^2/\text{NDF}: 72728.9/16$

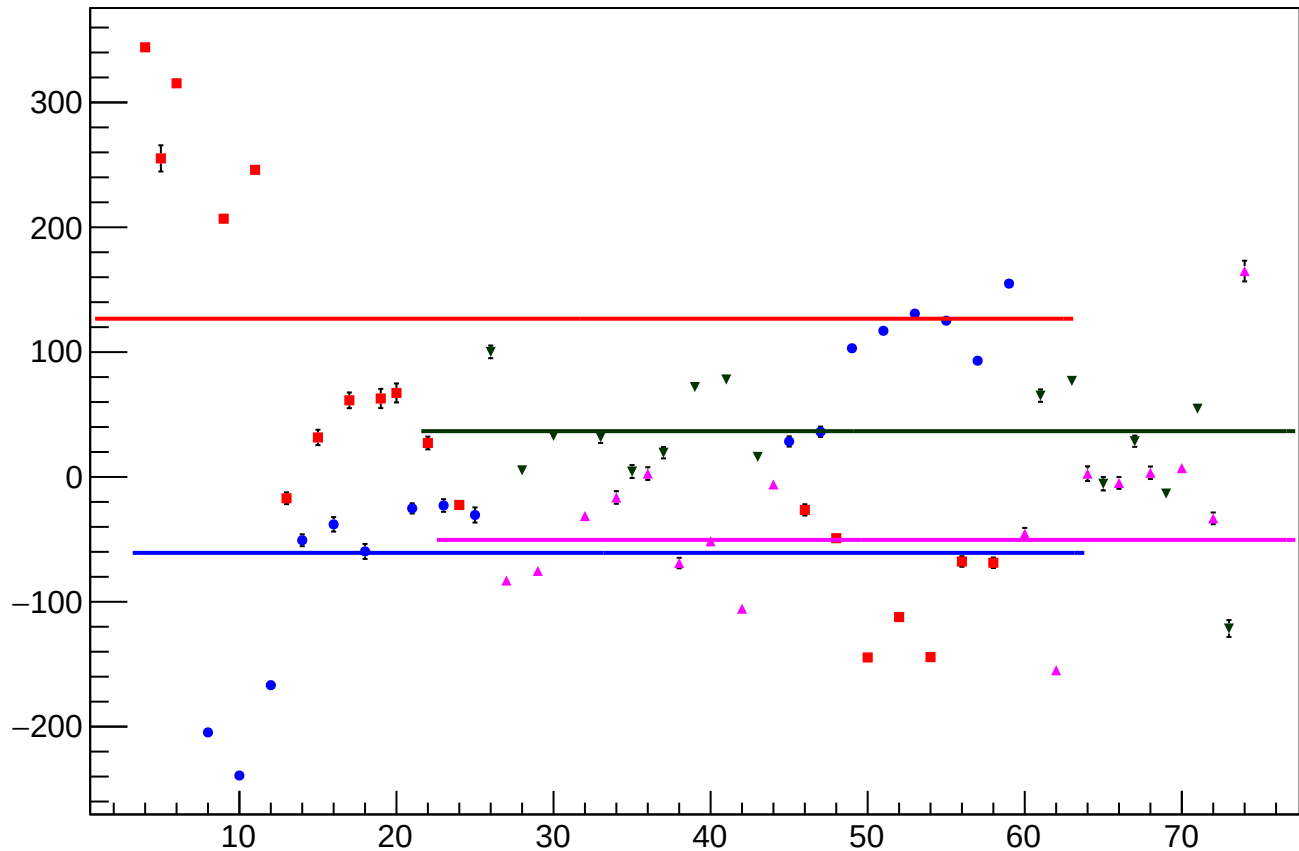
Left Out: 237.314 ± 0.131 $\chi^2/\text{NDF}: 44564.0/15$

4.510 ± 0.069 $\chi^2/\text{NDF}: 14139540.0/68$

Right Out: -287.509 ± 0.159 $\chi^2/\text{NDF}: 76588.5/18$

Left In: -236.996 ± 0.125 $\chi^2/\text{NDF}: 47932.0/16$

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: -60.806 ± 0.787 $\chi^2/\text{NDF}: 36404.9/16$

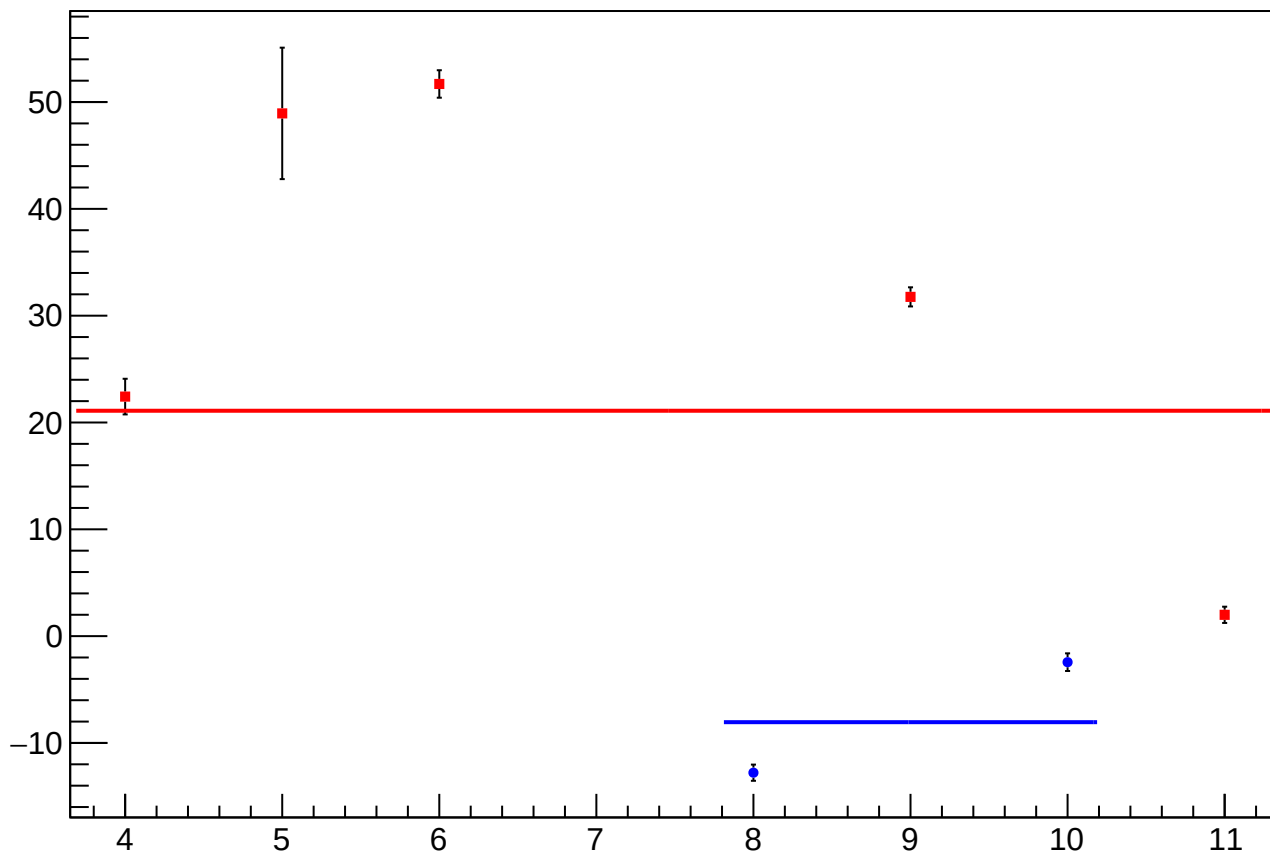
Left Out: 36.678 ± 1.050 $\chi^2/\text{NDF}: 1504.3/15$

16.802 ± 0.438 $\chi^2/\text{NDF}: 124967.2/68$

Right Out: 126.767 ± 0.783 $\chi^2/\text{NDF}: 49494.0/18$

Left In: -50.422 ± 0.967 $\chi^2/\text{NDF}: 2940.5/16$

reg_asym_sam6_diff_bpm12X_slope vs slug



Right In: -8.056+/-0.559 χ^2/NDF : 85.2/1

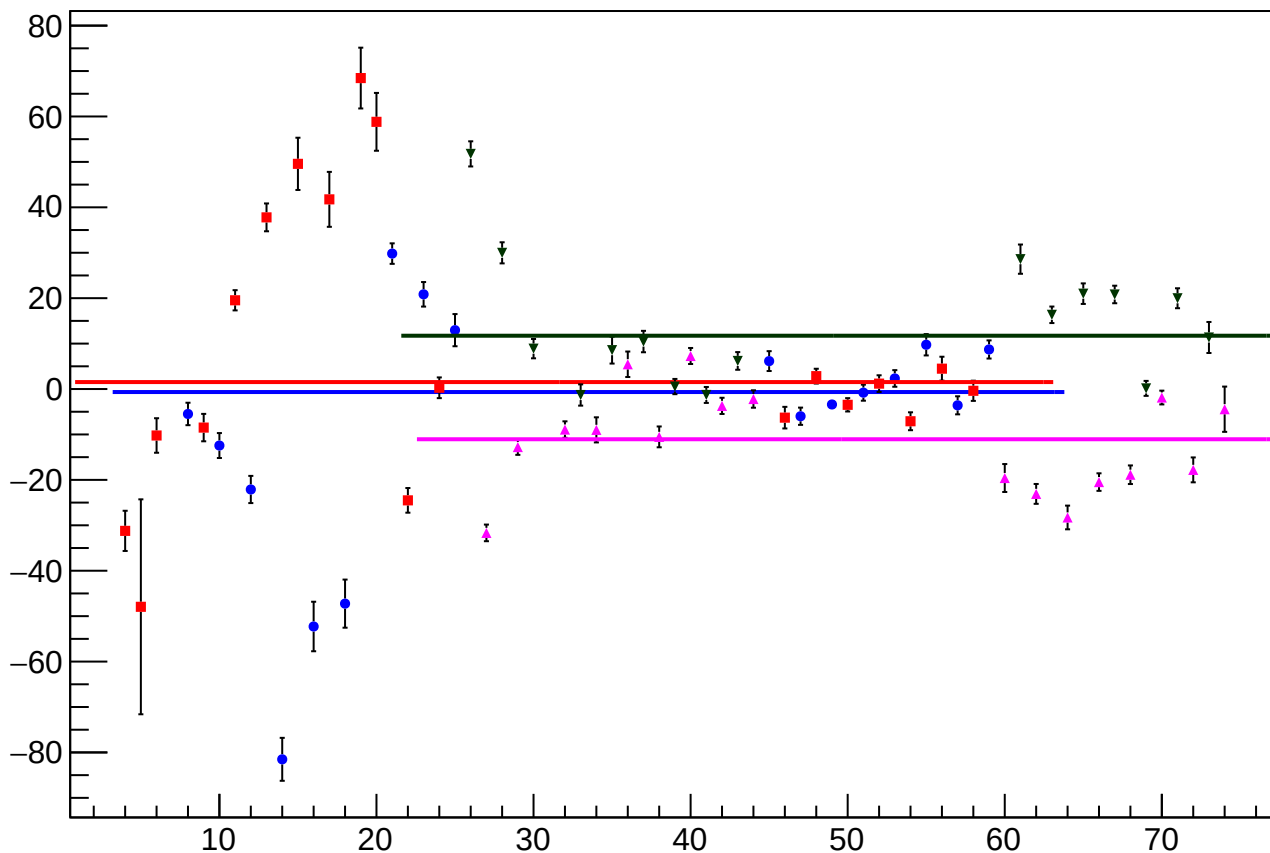
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.100+/-0.502 χ^2/NDF : 1359.0/4

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

8.068+/-0.373 χ^2/NDF : 2950.6/6

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.662+/-0.523 χ^2/NDF : 864.8/16

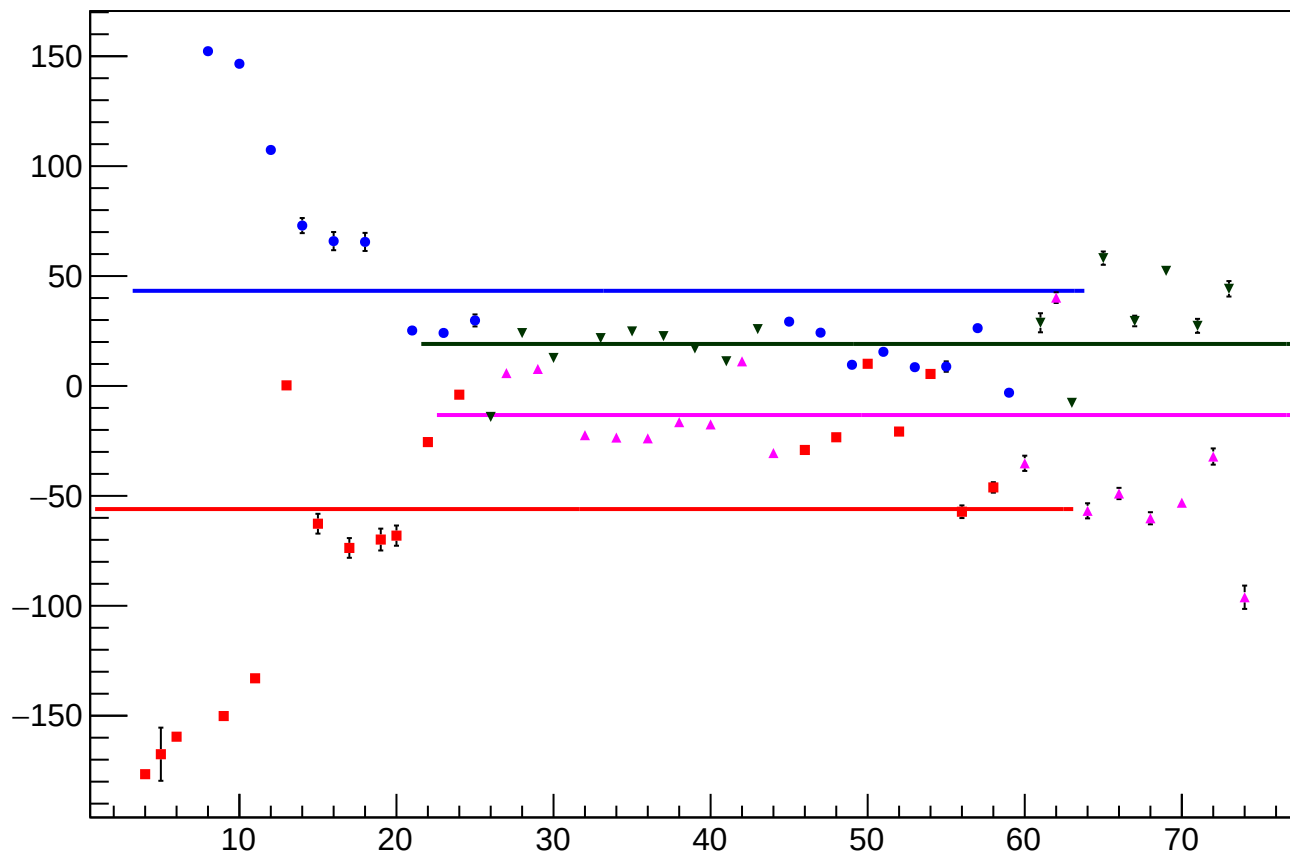
Left Out: 11.735+/-0.536 χ^2/NDF : 549.2/15

Right Out: 1.532+/-0.588 χ^2/NDF : 717.0/18

Left In: -11.056+/-0.508 χ^2/NDF : 474.9/16

0.001+/-0.268 χ^2/NDF : 3567.4/68

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 43.283+/-0.396 χ^2/NDF : 16774.9/16

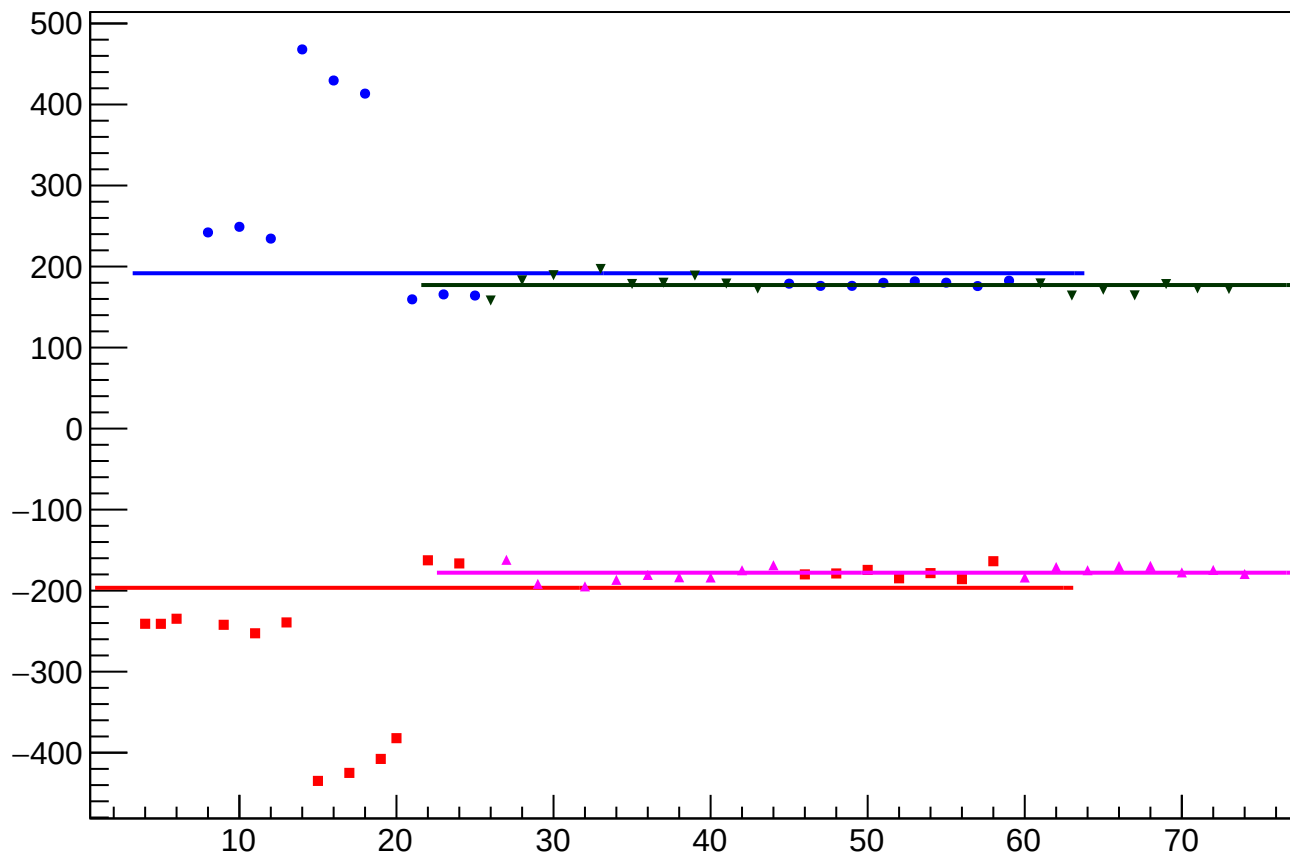
Left Out: 19.113+/-0.471 χ^2/NDF : 1081.4/15

Right Out: -55.999+/-0.402 χ^2/NDF : 25020.0/18

Left In: -13.221+/-0.432 χ^2/NDF : 3029.6/16

-2.496+/-0.211 χ^2/NDF : 79697.8/68

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 191.719 ± 0.094 $\chi^2/\text{NDF}: 253413.3/16$

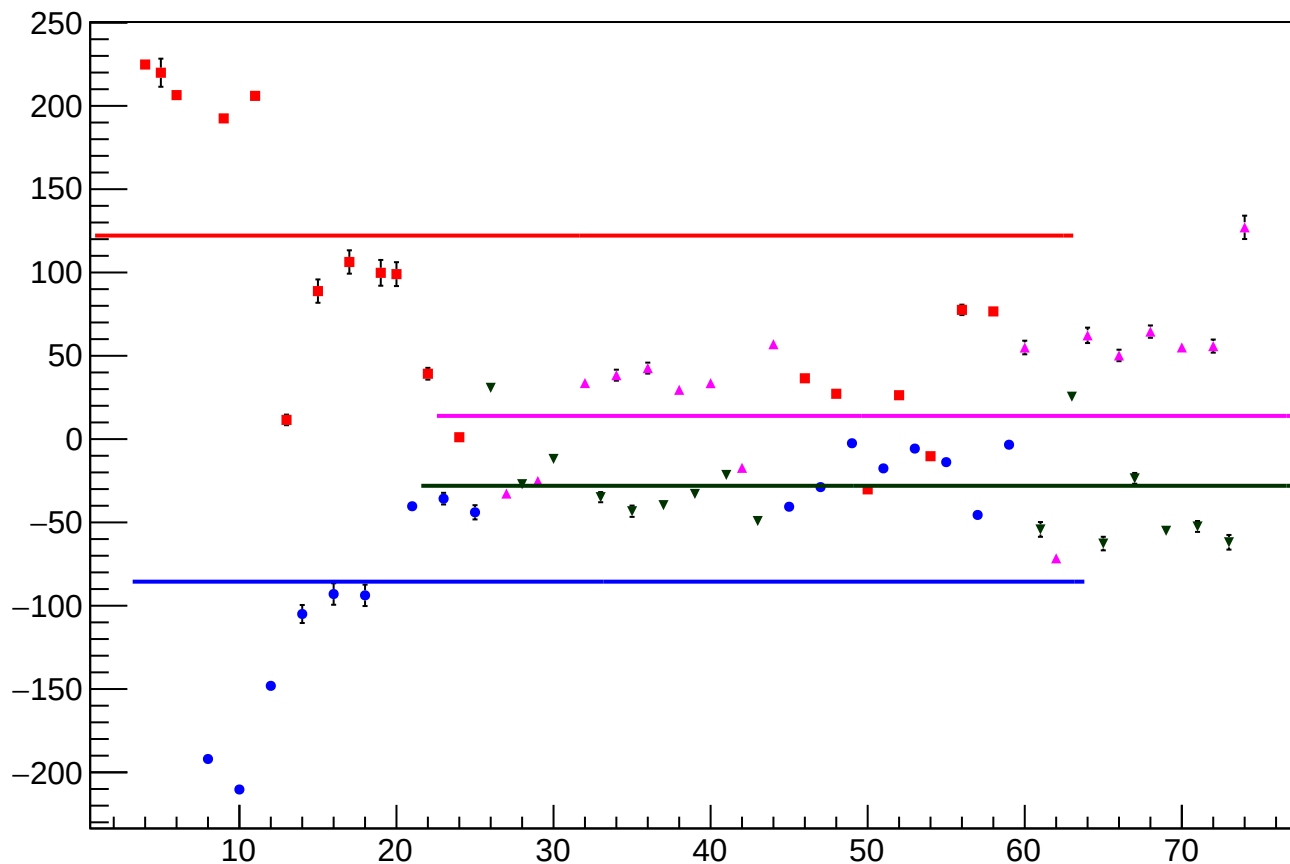
Left Out: 177.179 ± 0.092 $\chi^2/\text{NDF}: 11945.9/15$

Right Out: -196.508 ± 0.103 $\chi^2/\text{NDF}: 209432.5/18$

Left In: -177.867 ± 0.088 $\chi^2/\text{NDF}: 11426.6/16$

2.976 ± 0.047 $\chi^2/\text{NDF}: 16007732.3/68$

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -85.559 ± 0.547 χ^2/NDF : 24746.1/16

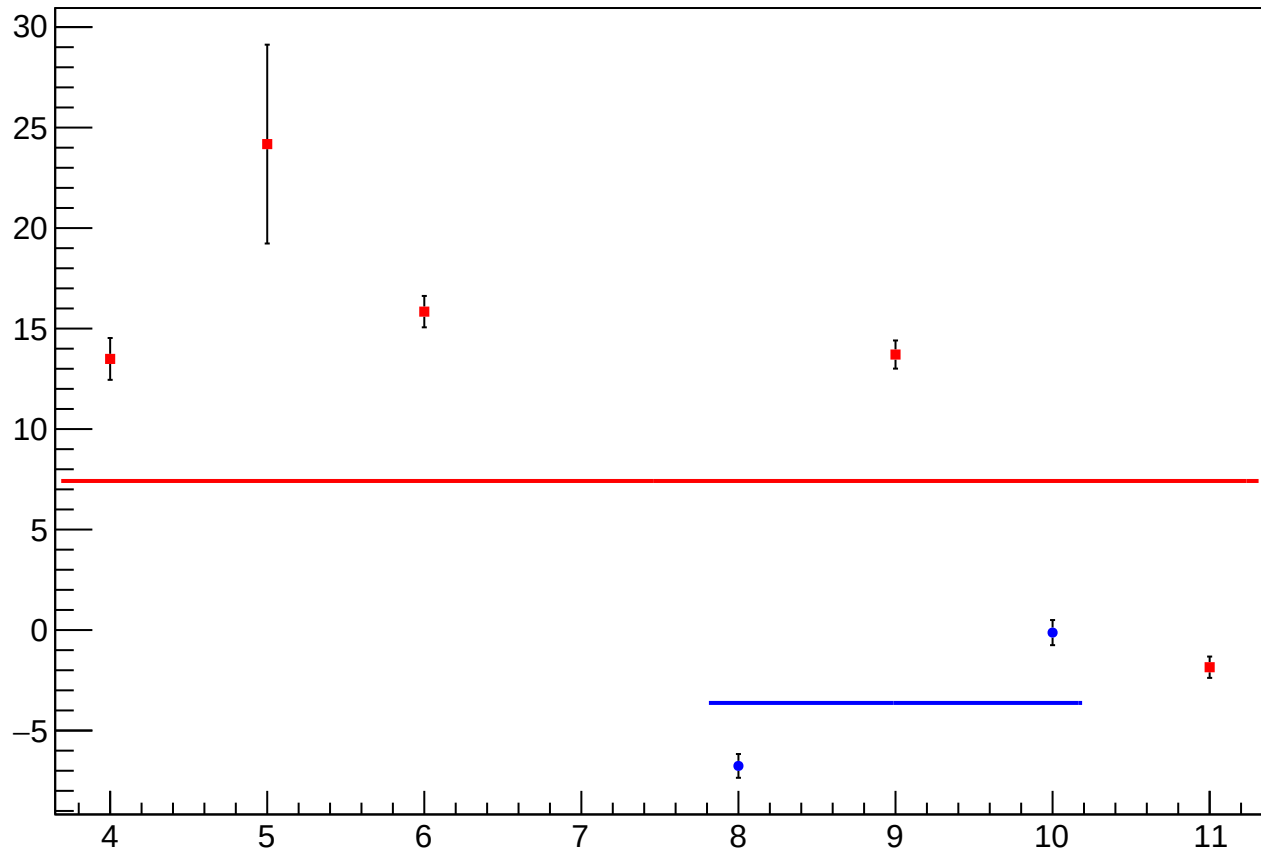
Left Out: -28.022 ± 0.730 χ^2/NDF : 1264.5/15

Right Out: 122.153 ± 0.520 χ^2/NDF : 35441.4/18

Left In: 13.929 ± 0.672 χ^2/NDF : 3912.1/16

13.055 ± 0.300 χ^2/NDF : 145075.4/68

reg_asym_sam7_diff_bpm12X_slope vs slug



Right In: -3.626+/-0.430 χ^2/NDF : 59.4/1

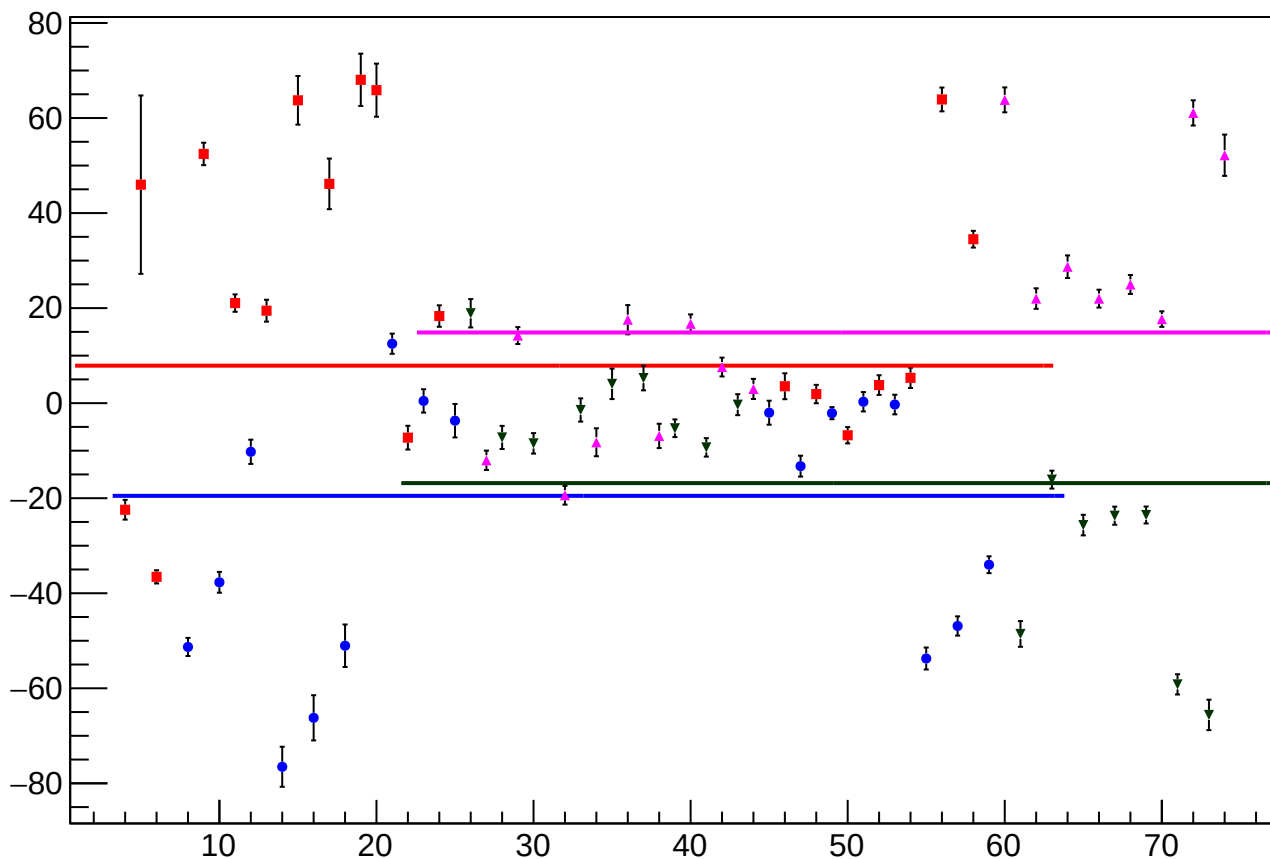
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.417+/-0.349 χ^2/NDF : 547.8/4

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

3.023+/-0.271 χ^2/NDF : 1005.1/6

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -19.501 ± 0.538 χ^2/NDF : 1895.3/16

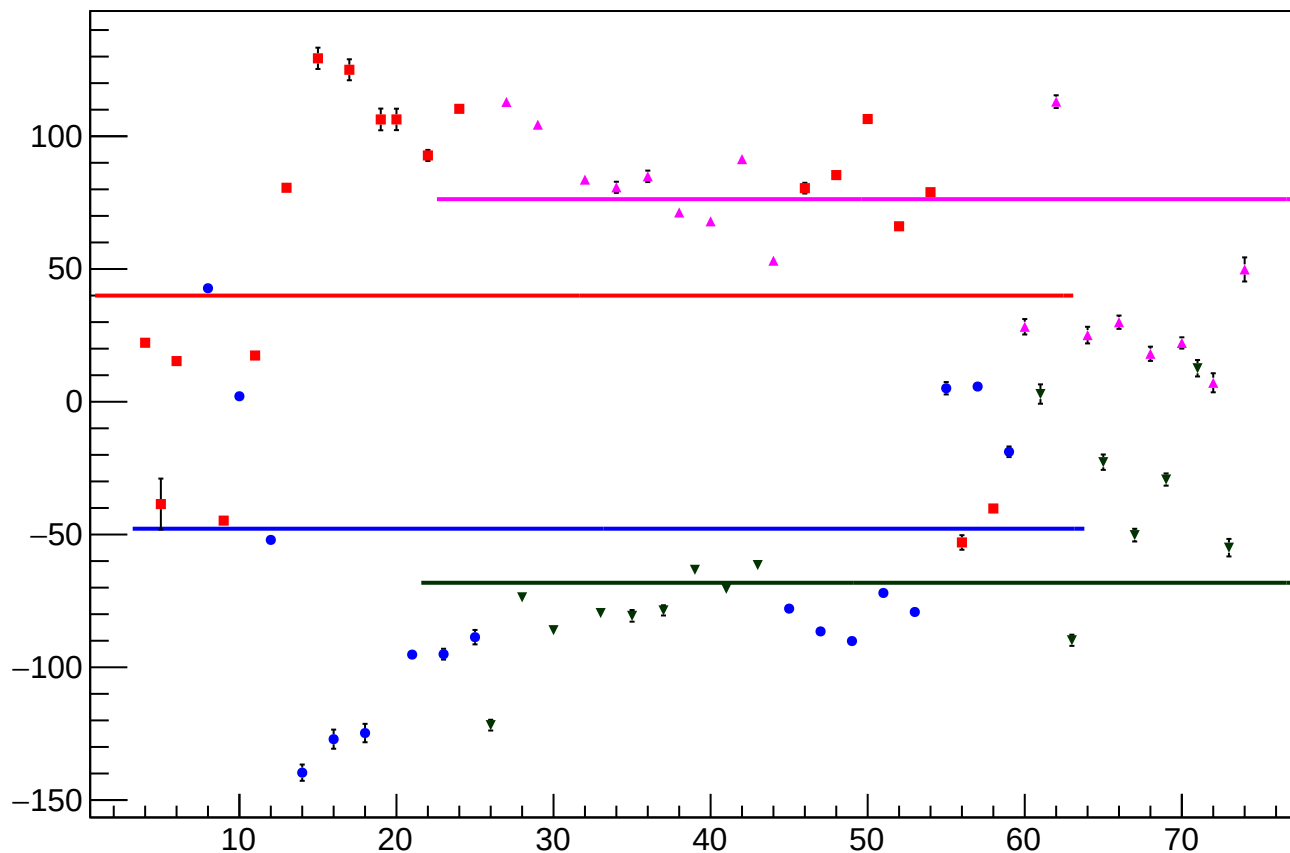
Left Out: -16.825 ± 0.559 χ^2/NDF : 1245.2/15

Right Out: 7.890 ± 0.528 χ^2/NDF : 2946.2/18

Left In: 14.874 ± 0.530 χ^2/NDF : 1468.9/16

-2.902 ± 0.269 χ^2/NDF : 10673.6/68

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -47.809 ± 0.399 $\chi^2/\text{NDF}: 16069.0/16$

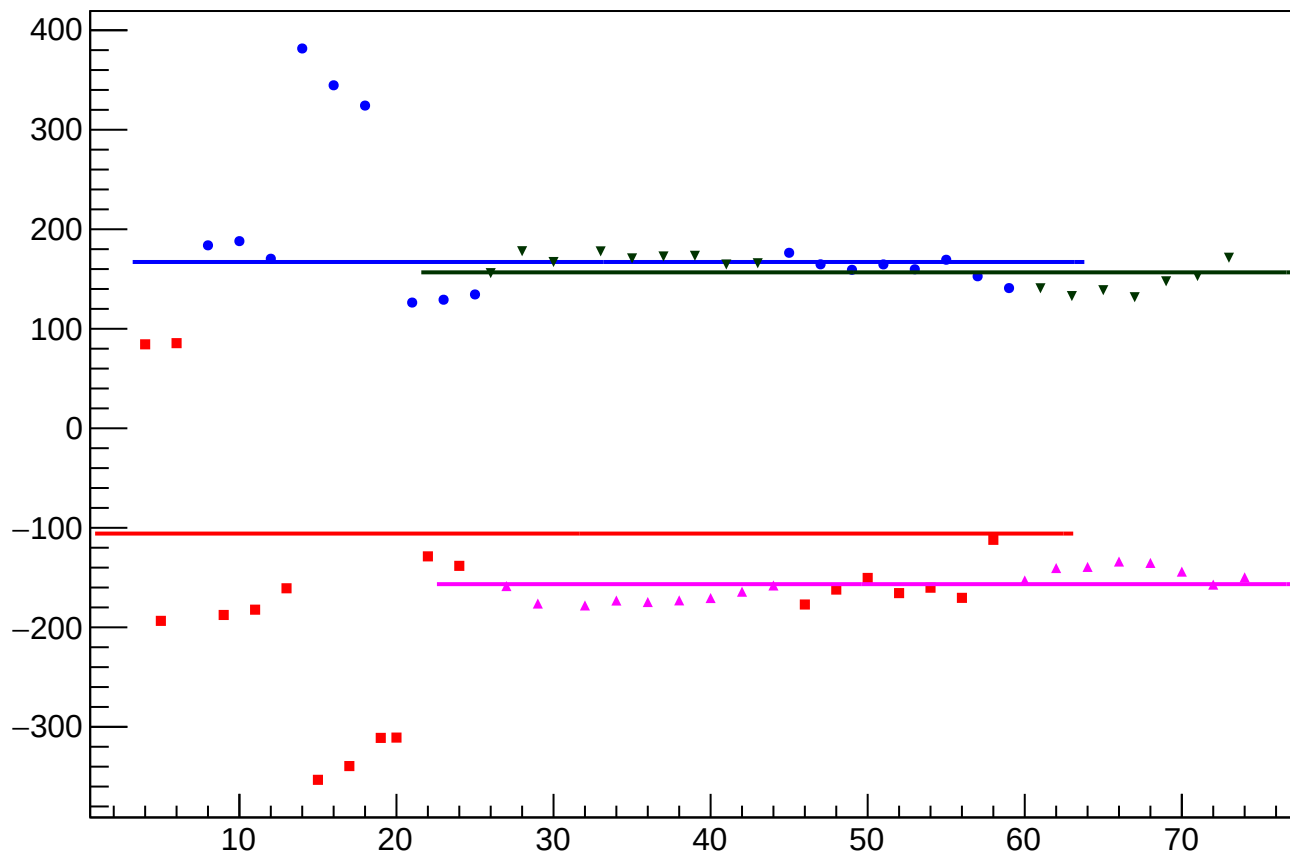
Left Out: -68.167 ± 0.501 $\chi^2/\text{NDF}: 2718.0/15$

Right Out: 39.989 ± 0.335 $\chi^2/\text{NDF}: 17857.5/18$

Left In: 76.298 ± 0.462 $\chi^2/\text{NDF}: 4331.5/16$

5.972 ± 0.205 $\chi^2/\text{NDF}: 114497.6/68$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 167.123 ± 0.096 $\chi^2/\text{NDF}: 179255.4/16$

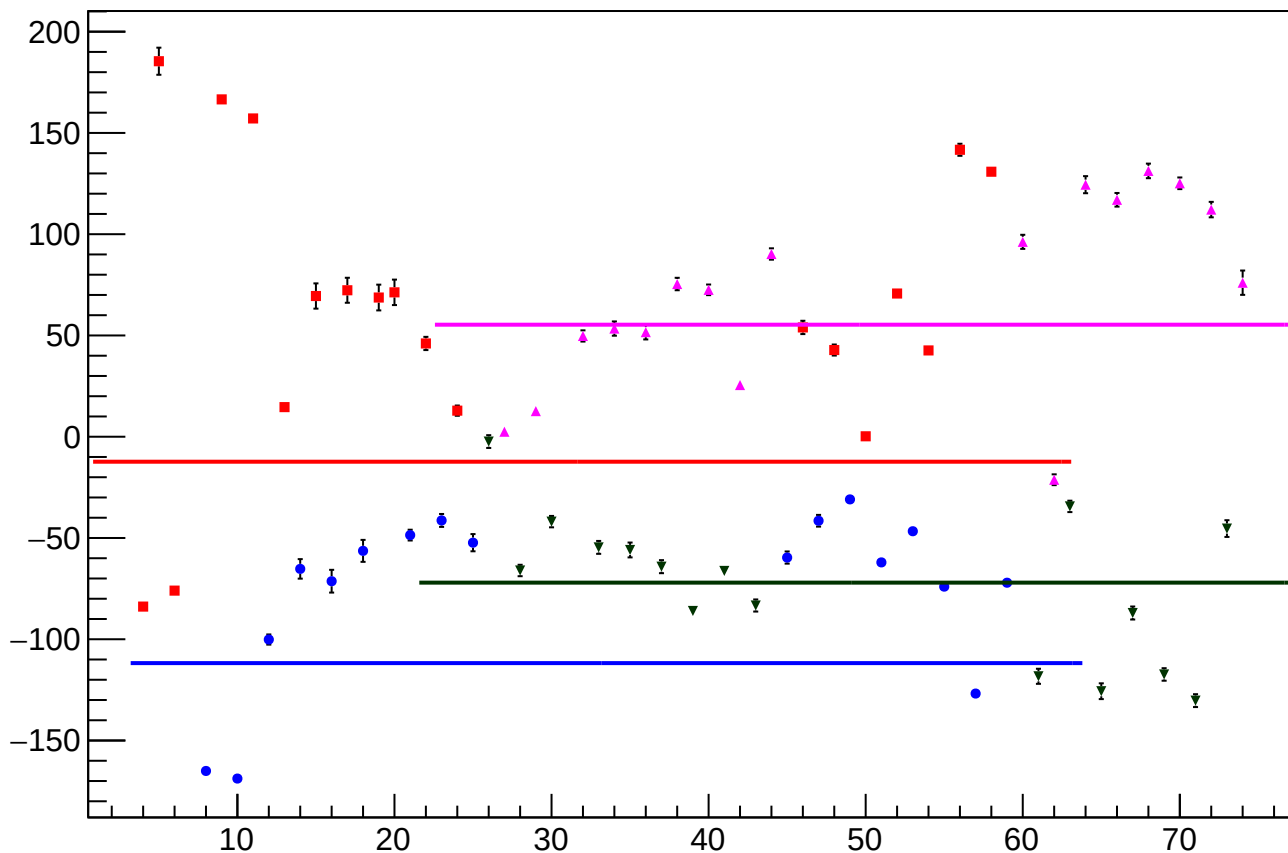
Left Out: 156.704 ± 0.096 $\chi^2/\text{NDF}: 29484.3/15$

Right Out: -105.784 ± 0.092 $\chi^2/\text{NDF}: 1475354.0/18$

Left In: -156.606 ± 0.092 $\chi^2/\text{NDF}: 29549.7/16$

9.093 ± 0.047 $\chi^2/\text{NDF}: 11646467.7/68$

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -111.783+/-0.511 χ^2/NDF : 11740.2/16

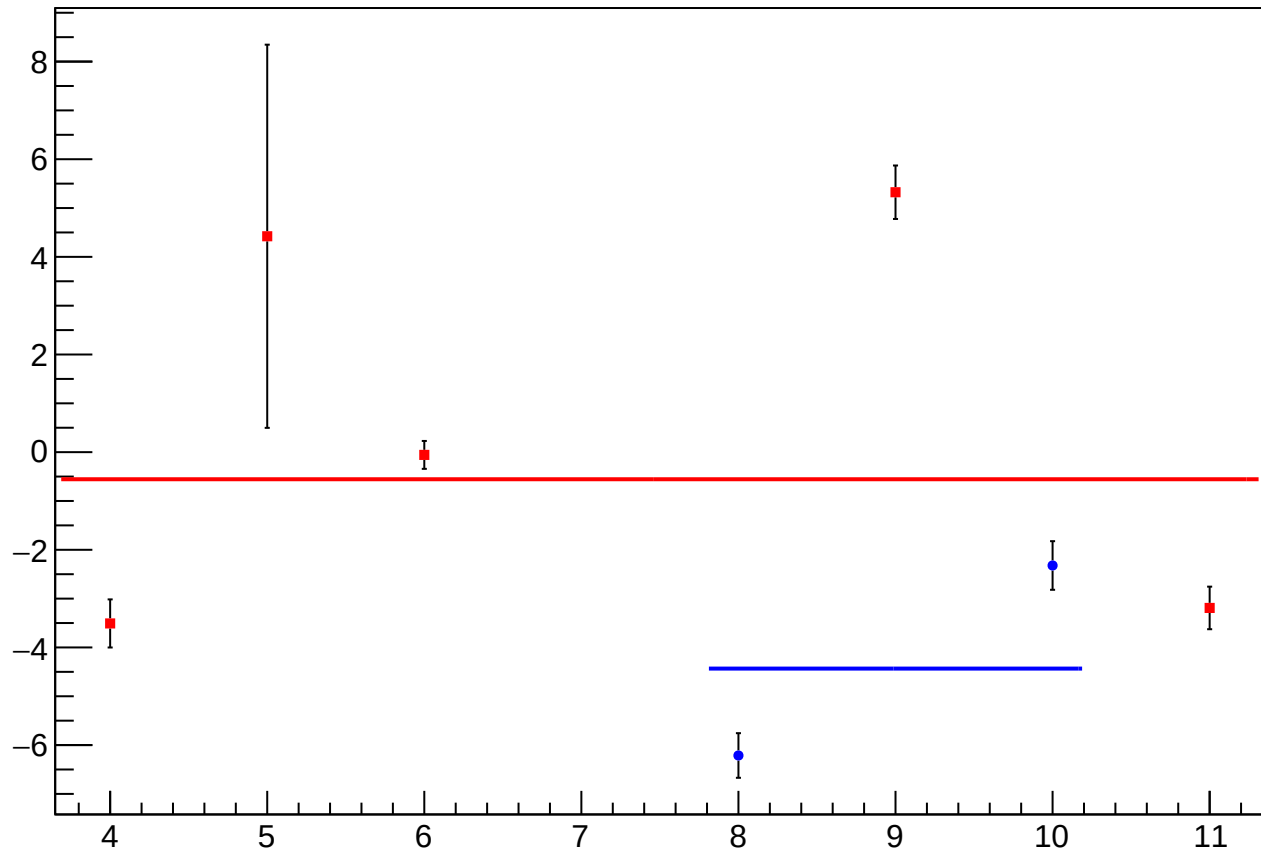
Left Out: -72.043+/-0.766 χ^2/NDF : 1850.3/15

Right Out: -12.337+/-0.333 χ^2/NDF : 85429.8/18

Left In: 55.314+/-0.708 χ^2/NDF : 4365.8/16

-33.316+/-0.246 χ^2/NDF : 149143.2/68

reg_asym_sam8_diff_bpm12X_slope vs slug



Right In: -4.433 ± 0.337 χ^2/NDF : 33.2/1

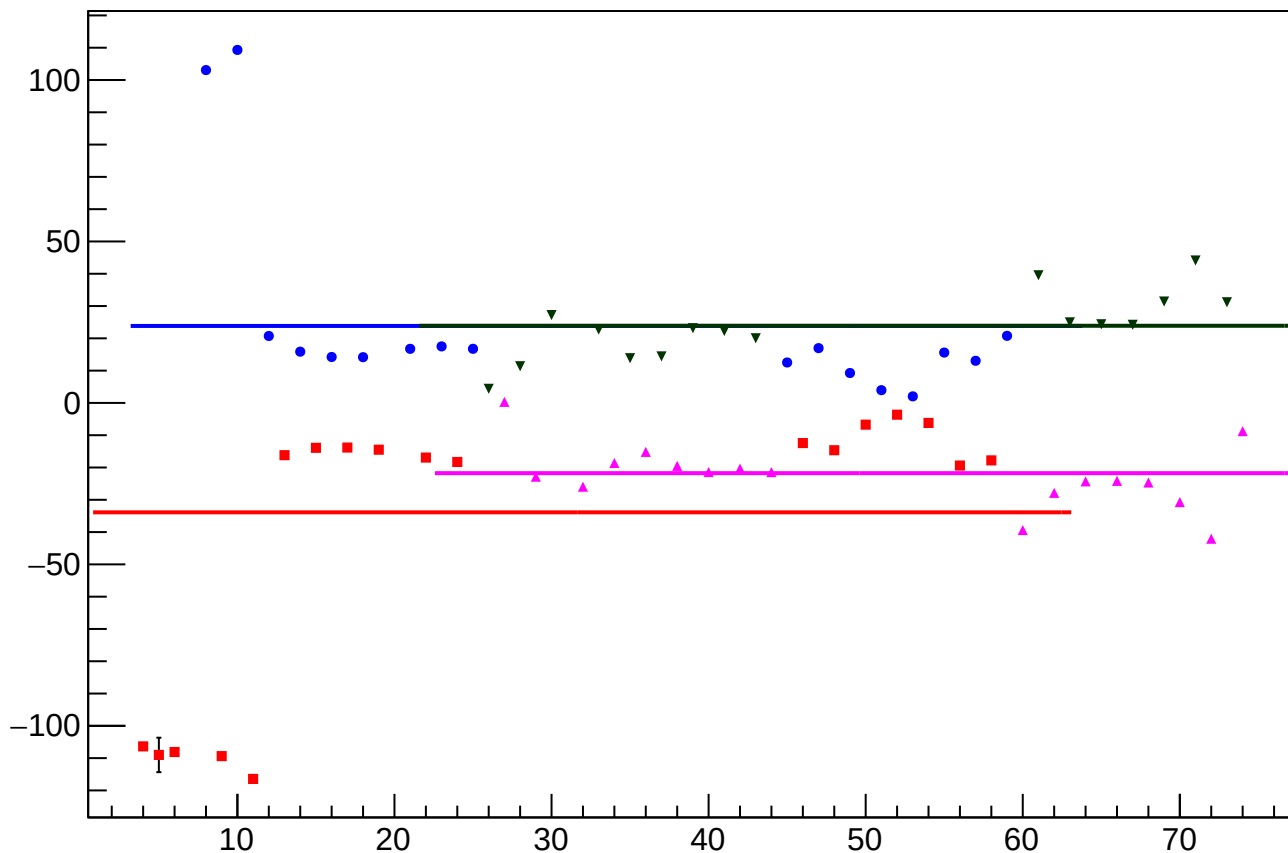
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.555 ± 0.200 χ^2/NDF : 192.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.566 ± 0.172 χ^2/NDF : 323.7/6

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 23.837+/-0.158 χ^2/NDF : 36346.7/16

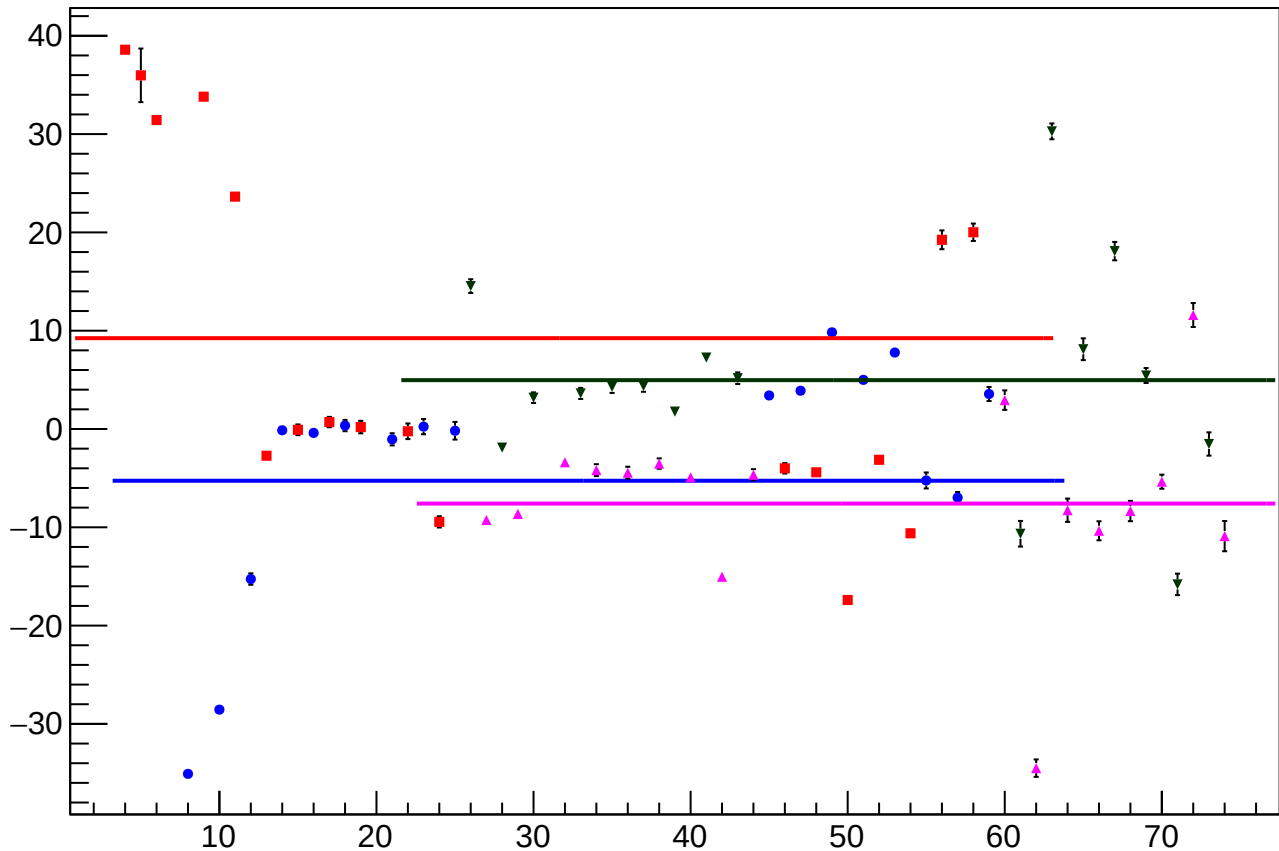
Left Out: 23.893+/-0.185 χ^2/NDF : 2225.2/15

Right Out: -33.882+/-0.176 χ^2/NDF : 54444.3/17

Left In: -21.750+/-0.168 χ^2/NDF : 3402.7/16

-1.505+/-0.085 χ^2/NDF : 189433.4/67

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: -5.265 ± 0.116 $\chi^2/\text{NDF}: 16049.9/16$

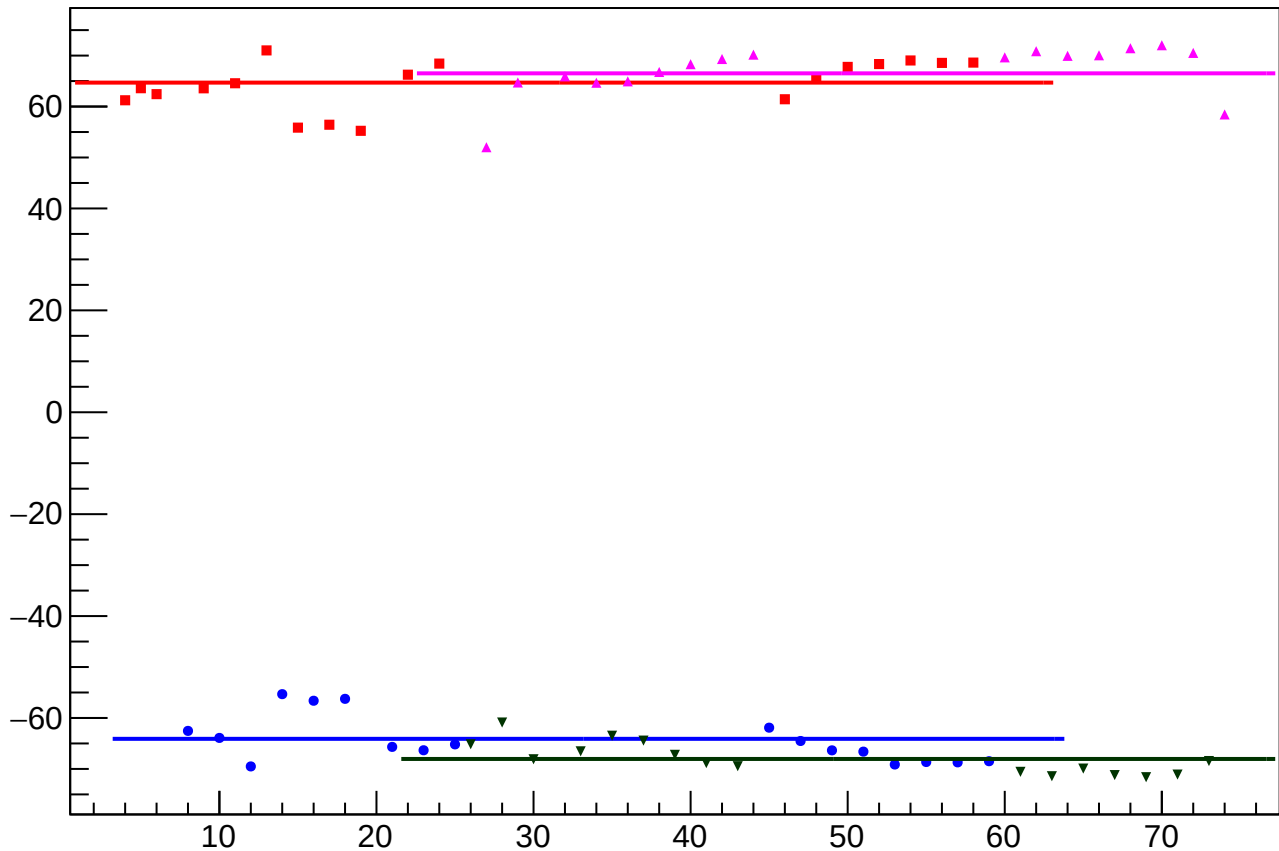
Left Out: 4.969 ± 0.159 $\chi^2/\text{NDF}: 2207.1/15$

Right Out: 9.239 ± 0.115 $\chi^2/\text{NDF}: 22575.8/17$

Left In: -7.589 ± 0.138 $\chi^2/\text{NDF}: 1885.0/16$

0.425 ± 0.064 $\chi^2/\text{NDF}: 55115.1/67$

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.093 ± 0.028 χ^2/NDF : 24273.9/16

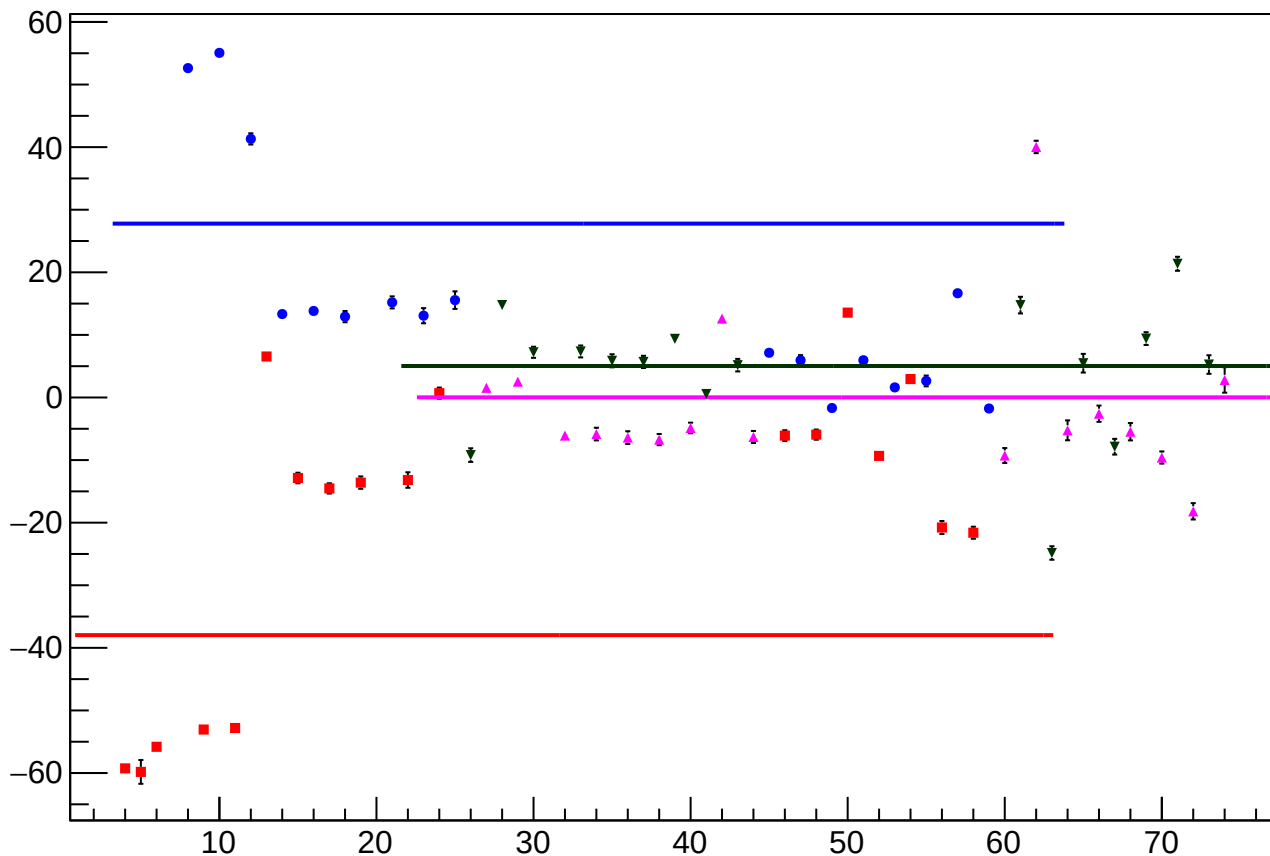
Left Out: -68.043 ± 0.032 χ^2/NDF : 9378.5/15

Right Out: 64.696 ± 0.031 χ^2/NDF : 20425.1/17

Left In: 66.516 ± 0.029 χ^2/NDF : 36426.5/16

-0.441 ± 0.015 χ^2/NDF : 19263075.4/67

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 27.779+/-0.155 χ^2 /NDF: 22624.5/16

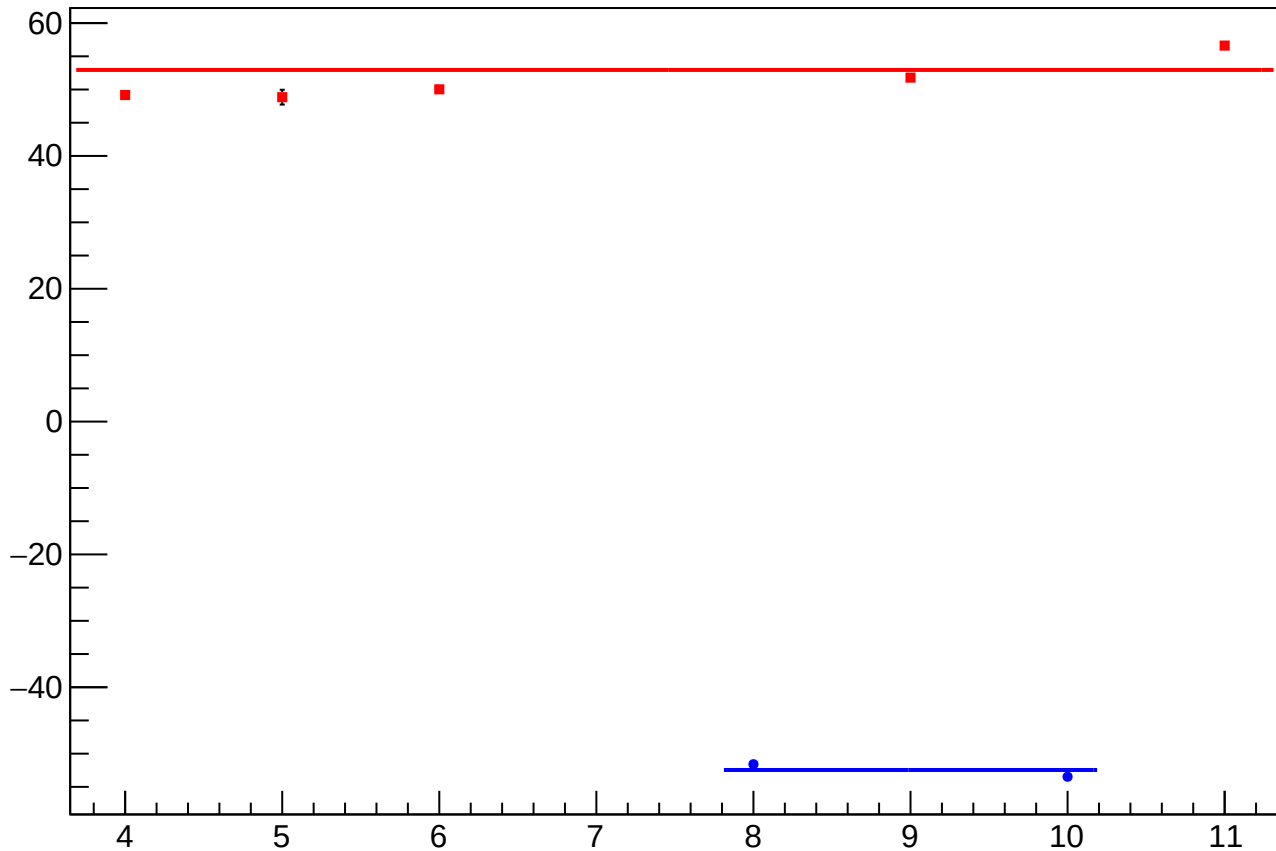
Left Out: 5.031+/-0.248 χ^2 /NDF:1565.0/15

-5.373+/-0.087 χ^2 /NDF: 161367.8/67

Right Out: -37.968+/-0.140 χ^2 /NDF: 31961.7/17

Left In: 0.024+/-0.216 χ^2 /NDF:2605.8/16

reg_asym_usl_diff_bpm12X_slope vs slug



Right In: -52.458 ± 0.109 χ^2/NDF : 73.8/1

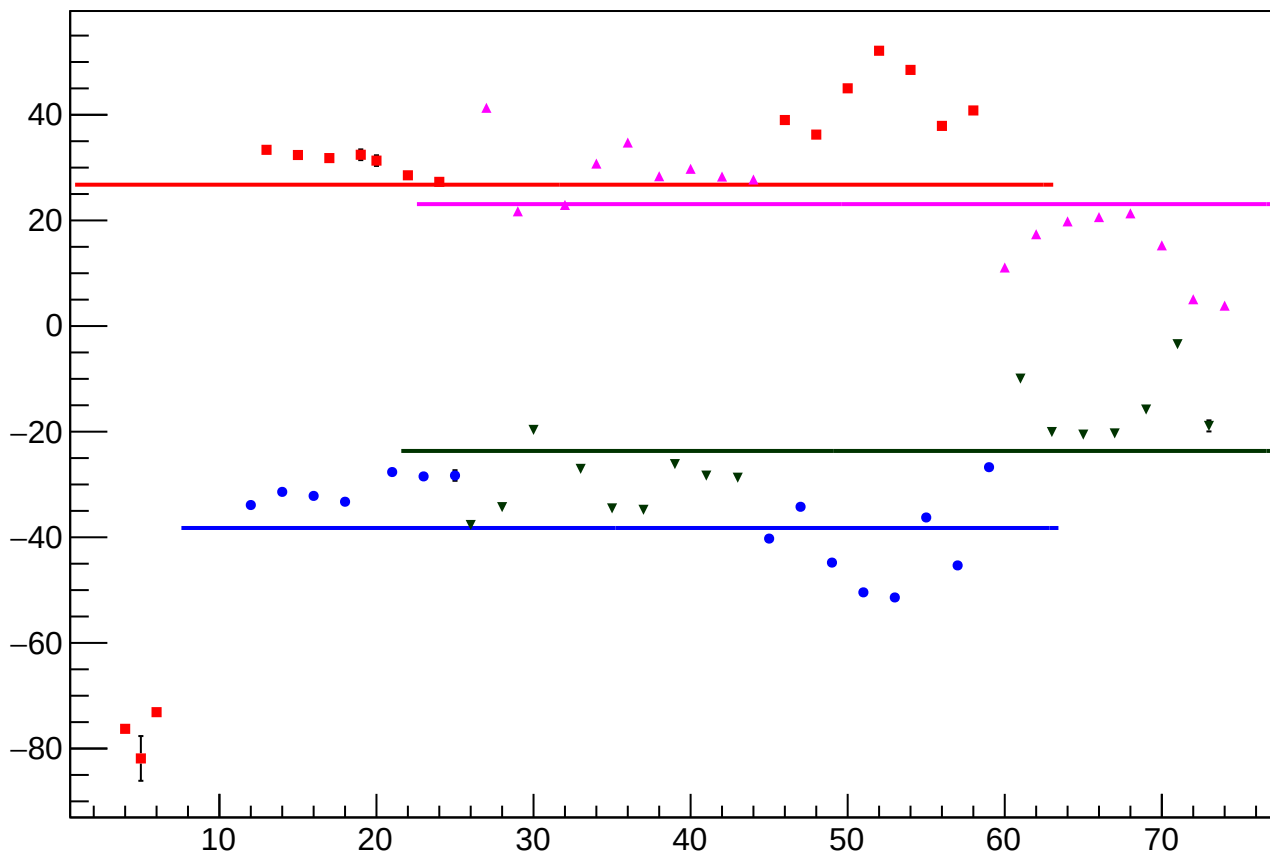
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

12.082 ± 0.068 χ^2/NDF : 570430.8/6

Right Out: 52.949 ± 0.087 χ^2/NDF : 1256.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.238 $\pm$ 0.154 χ^2 /NDF: 2769.8/14

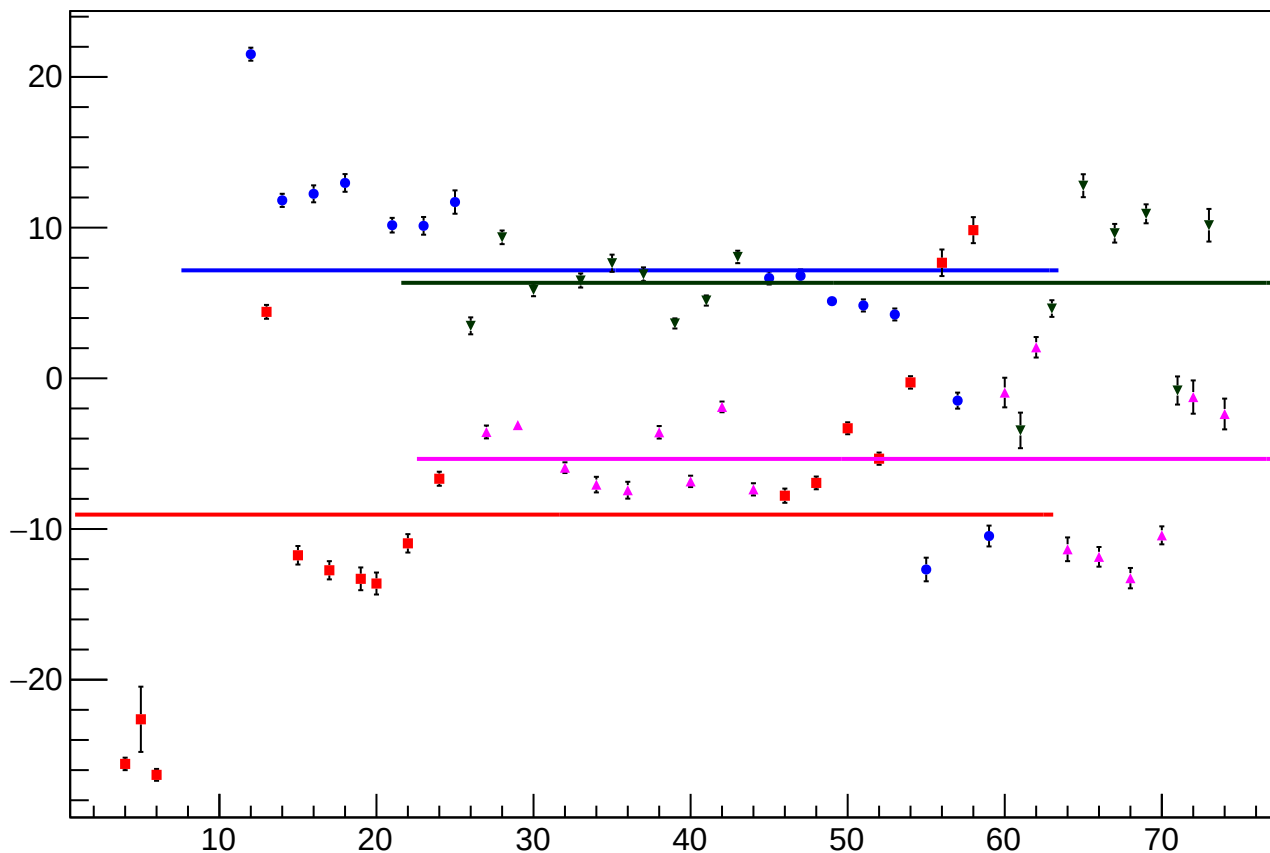
Left Out: -23.650 $\pm$ 0.145 χ^2 /NDF:3029.7/15

-3.345 $\pm$ 0.075 χ^2 /NDF: 189254.9/64

Right Out: 26.766 $\pm$ 0.172 χ^2 /NDF: 41501.5/16

Left In: 23.086 $\pm$ 0.136 χ^2 /NDF:3068.1/16

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 7.165 ± 0.121 χ^2/NDF : 3187.2/14

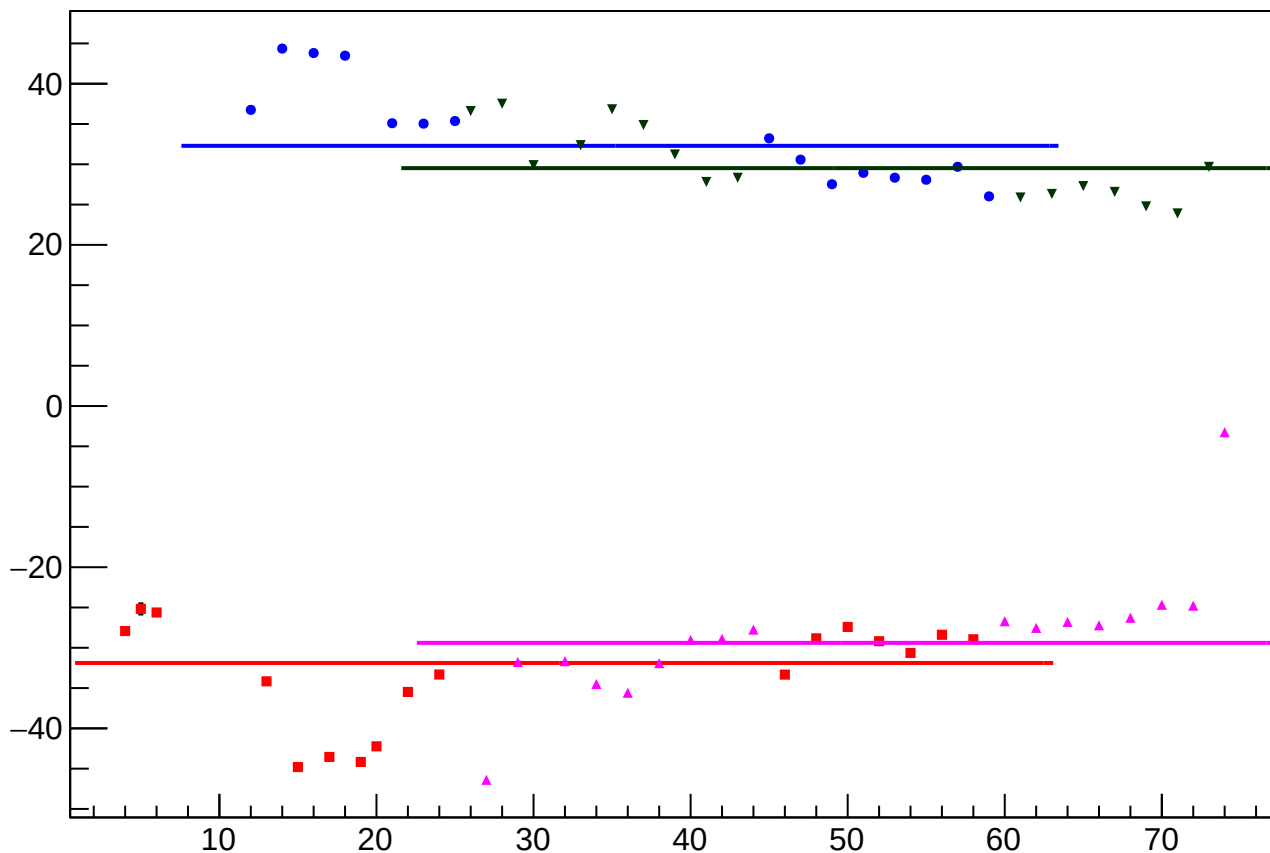
Left Out: 6.338 ± 0.127 χ^2/NDF : 474.0/15

Right Out: -9.044 ± 0.125 χ^2/NDF : 6185.2/16

Left In: -5.348 ± 0.119 χ^2/NDF : 775.6/16

-0.293 ± 0.061 χ^2/NDF : 23922.3/64

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 32.292 $\pm$ 0.028 χ^2 /NDF: 38133.2/14

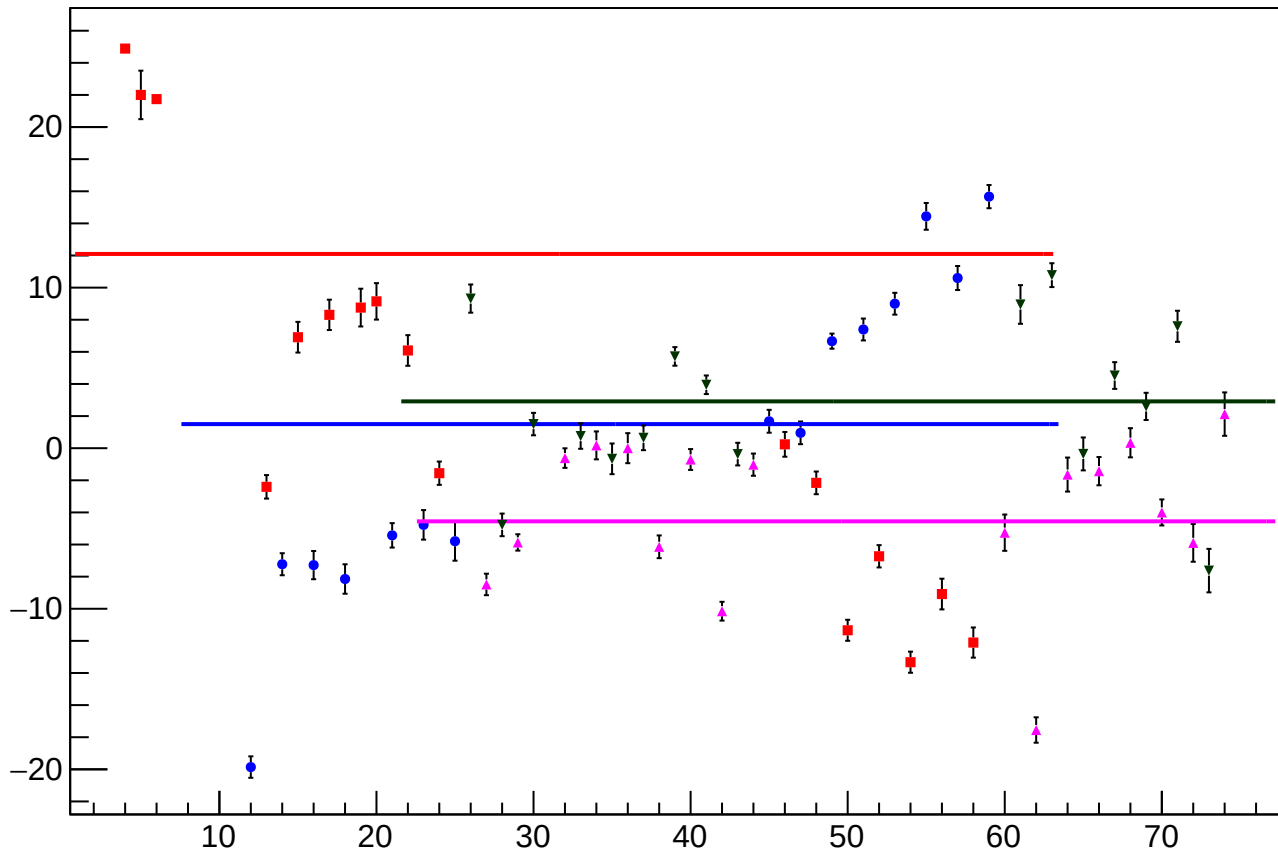
Left Out: 29.524 $\pm$ 0.025 χ^2 /NDF: 24790.1/15

0.285 $\pm$ 0.013 χ^2 /NDF: 5556525.7/64

Right Out: -31.885 $\pm$ 0.030 χ^2 /NDF: 29635.4/16

Left In: -29.390 $\pm$ 0.024 χ^2 /NDF: 48590.9/16

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 1.500 ± 0.188 χ^2/NDF : 2653.4/14

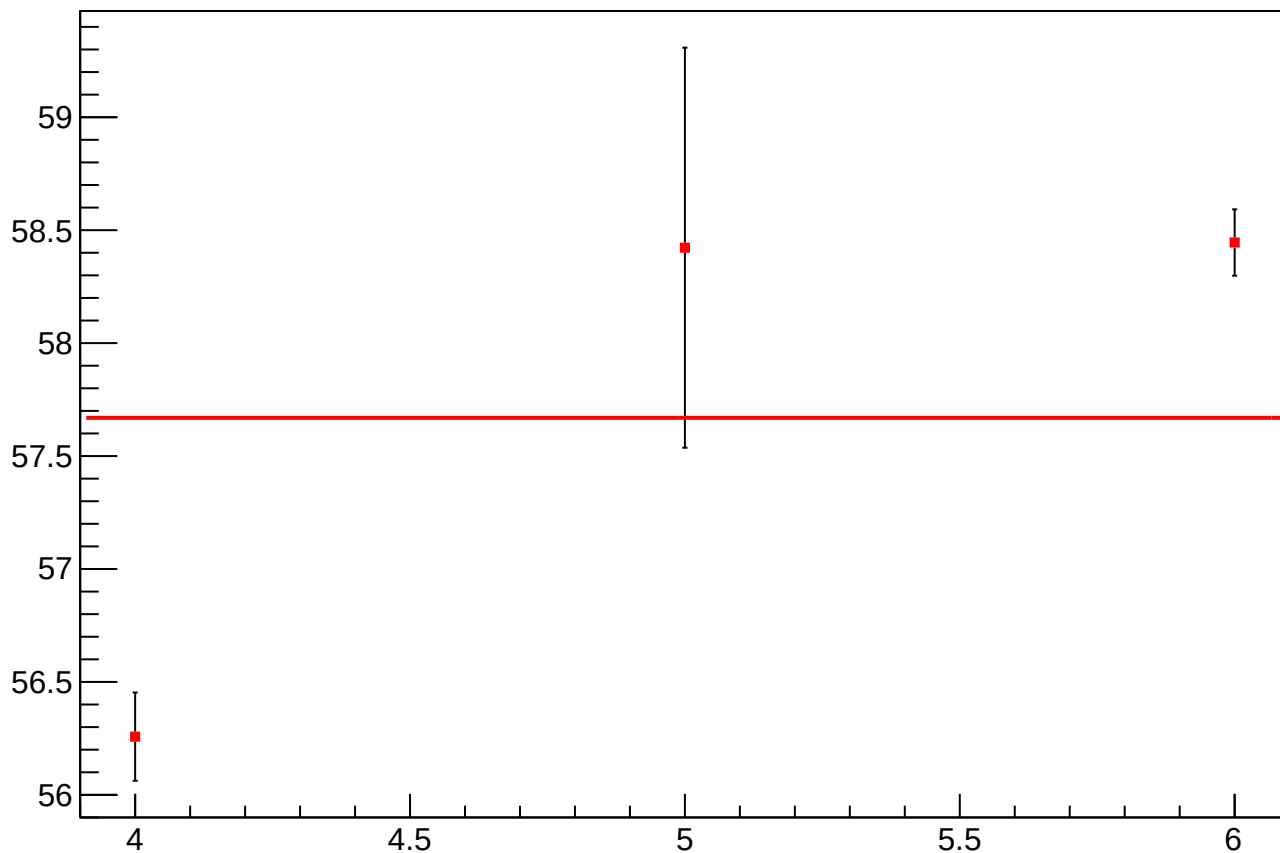
Left Out: 2.915 ± 0.198 χ^2/NDF : 490.3/15

Right Out: 12.098 ± 0.142 χ^2/NDF : 9980.1/16

Left In: -4.556 ± 0.185 χ^2/NDF : 640.1/16

4.391 ± 0.087 χ^2/NDF : 19331.5/64

reg_asym_usr_diff_bpm12X_slope vs slug



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

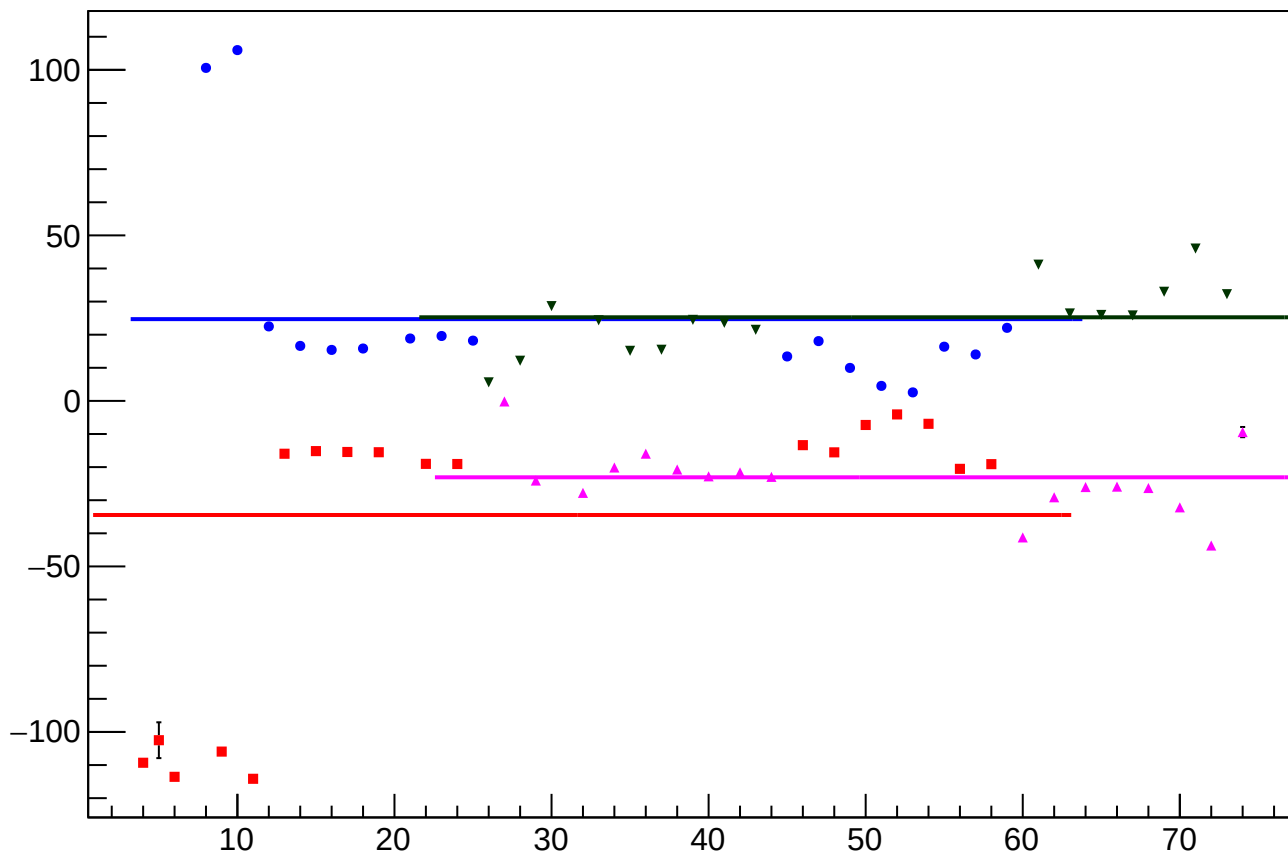
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.669+/-0.116 χ^2/NDF : 80.8/2

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

57.669+/-0.116 χ^2/NDF : 80.8/2

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 24.700+/-0.168 χ^2/NDF : 30246.3/16

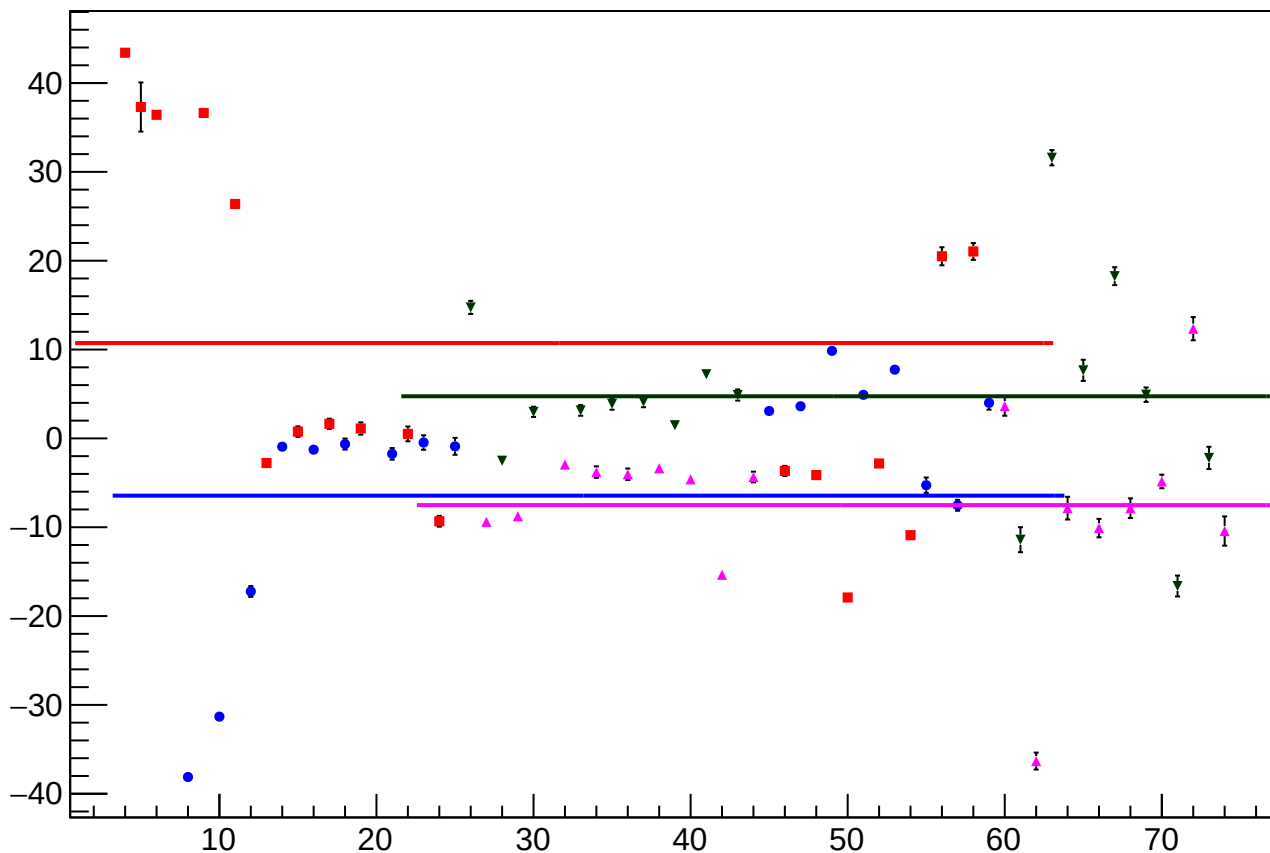
Left Out: 25.256+/-0.197 χ^2/NDF : 2027.9/15

Right Out: -34.463+/-0.188 χ^2/NDF : 46407.0/17

Left In: -23.080+/-0.180 χ^2/NDF : 3155.7/16

-1.398+/-0.091 χ^2/NDF : 169493.7/67

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: -6.447 ± 0.124 $\chi^2/\text{NDF}: 16550.7/16$

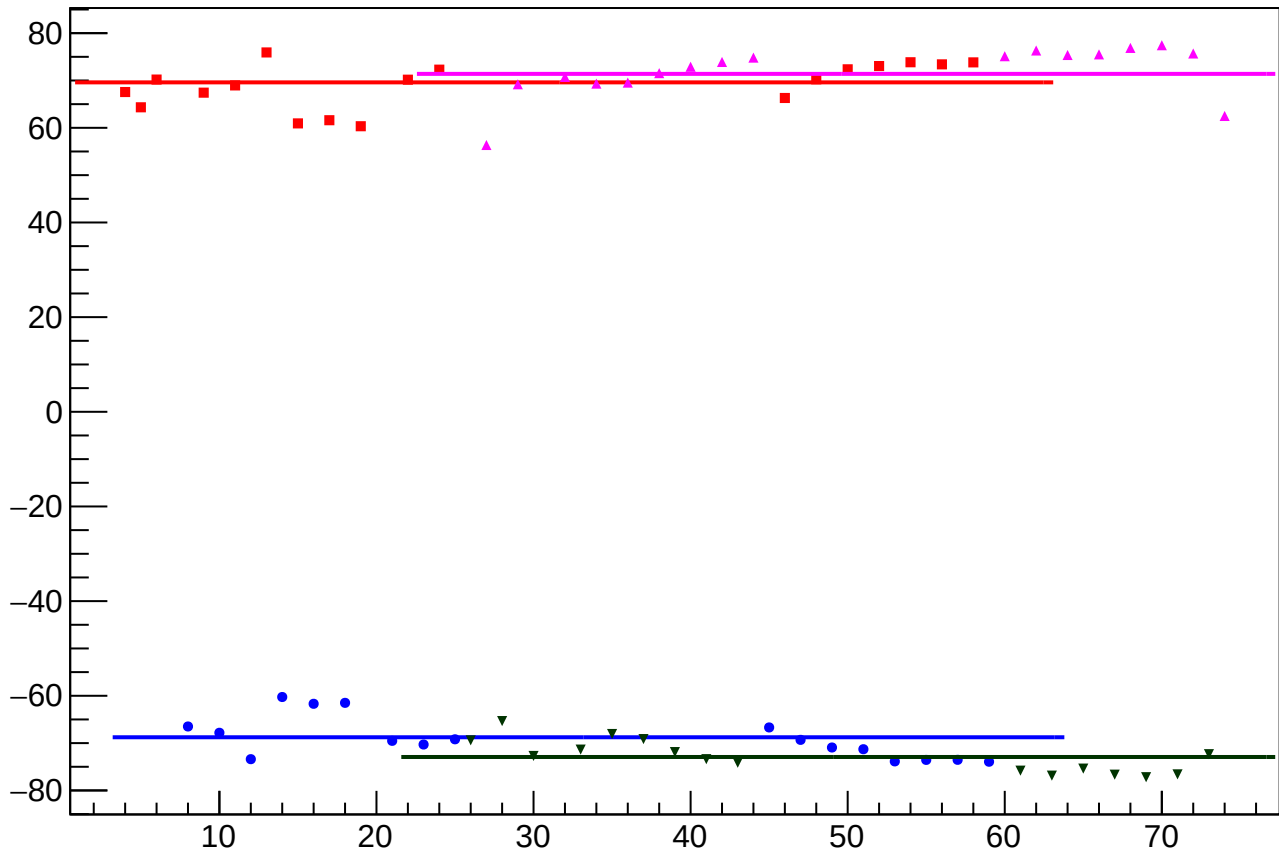
Left Out: 4.740 ± 0.170 $\chi^2/\text{NDF}: 2108.7/15$

Right Out: 10.733 ± 0.123 $\chi^2/\text{NDF}: 23422.3/17$

Left In: -7.509 ± 0.148 $\chi^2/\text{NDF}: 1855.5/16$

0.509 ± 0.069 $\chi^2/\text{NDF}: 57543.8/67$

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -68.764 ± 0.030 $\chi^2/\text{NDF}: 20337.2/16$

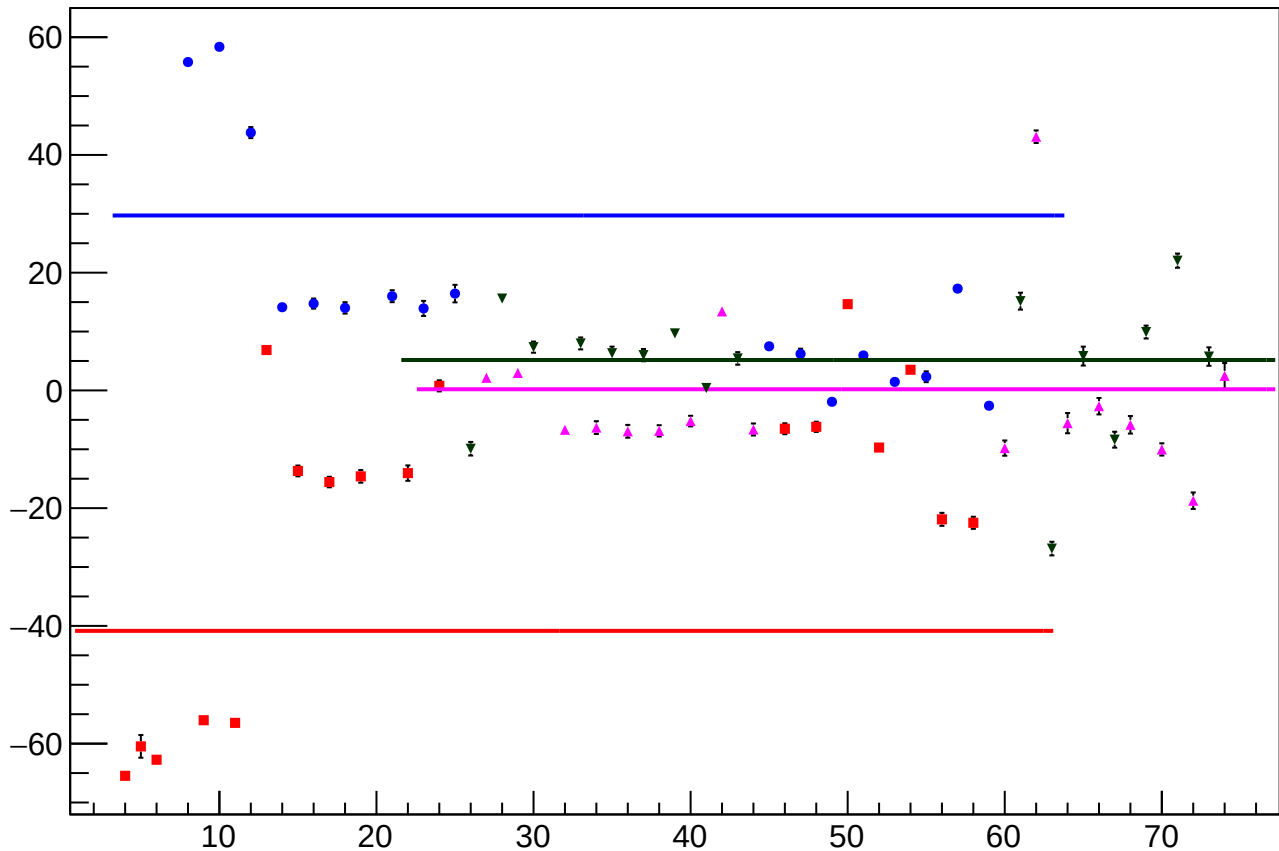
Left Out: -72.932 ± 0.034 $\chi^2/\text{NDF}: 10034.0/15$

Right Out: 69.603 ± 0.033 $\chi^2/\text{NDF}: 16469.1/17$

Left In: 71.398 ± 0.031 $\chi^2/\text{NDF}: 35040.6/16$

-0.563 ± 0.016 $\chi^2/\text{NDF}: 19425025.6/67$

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 29.715+/-0.164 χ^2 /NDF: 22816.1/16

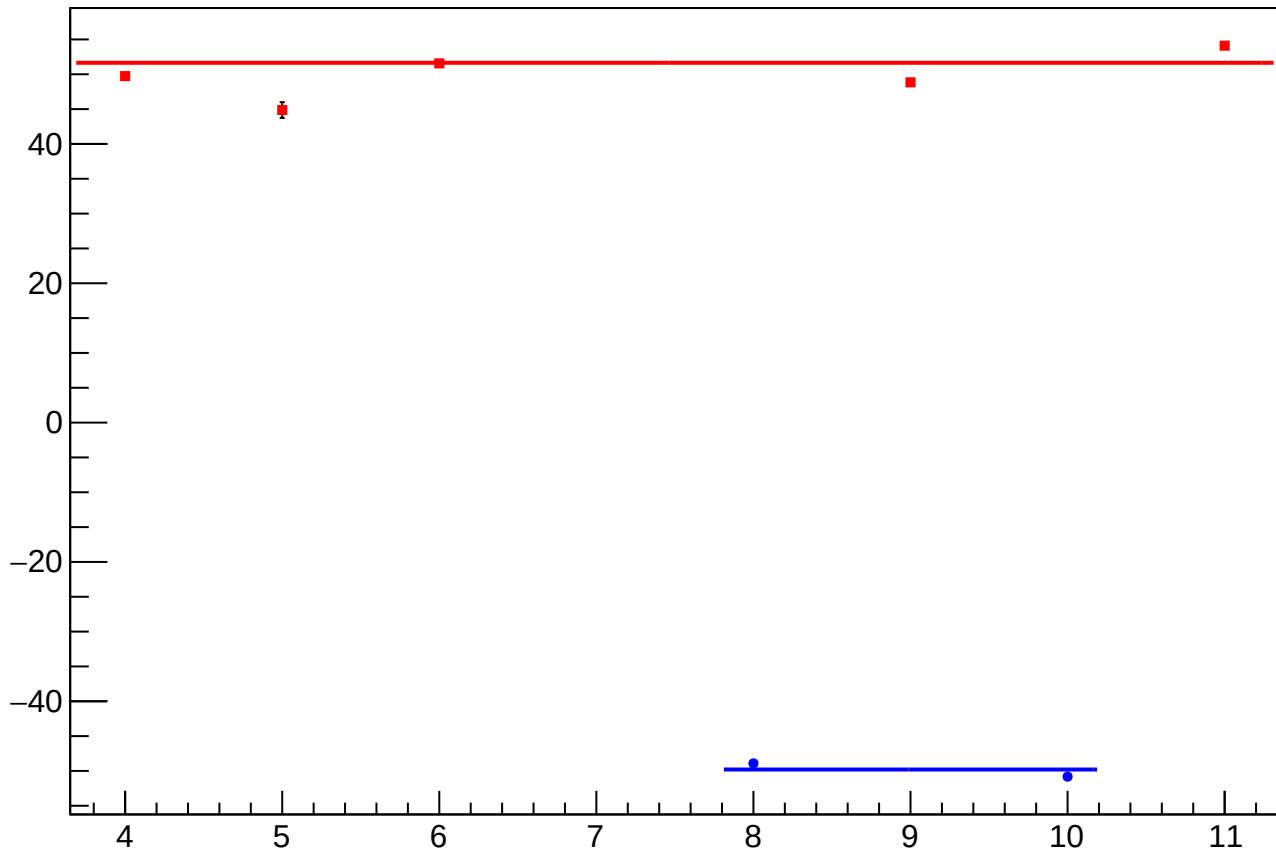
Left Out: 5.168+/-0.265 χ^2 /NDF:1537.2/15

-5.491+/-0.094 χ^2 /NDF: 163367.3/67

Right Out: -40.844+/-0.151 χ^2 /NDF: 33241.3/17

Left In: 0.196+/-0.231 χ^2 /NDF:2593.6/16

reg_asym_dsl_diff_bpm12X_slope vs slug



Right In: -49.796 ± 0.115 χ^2/NDF : 68.2/1

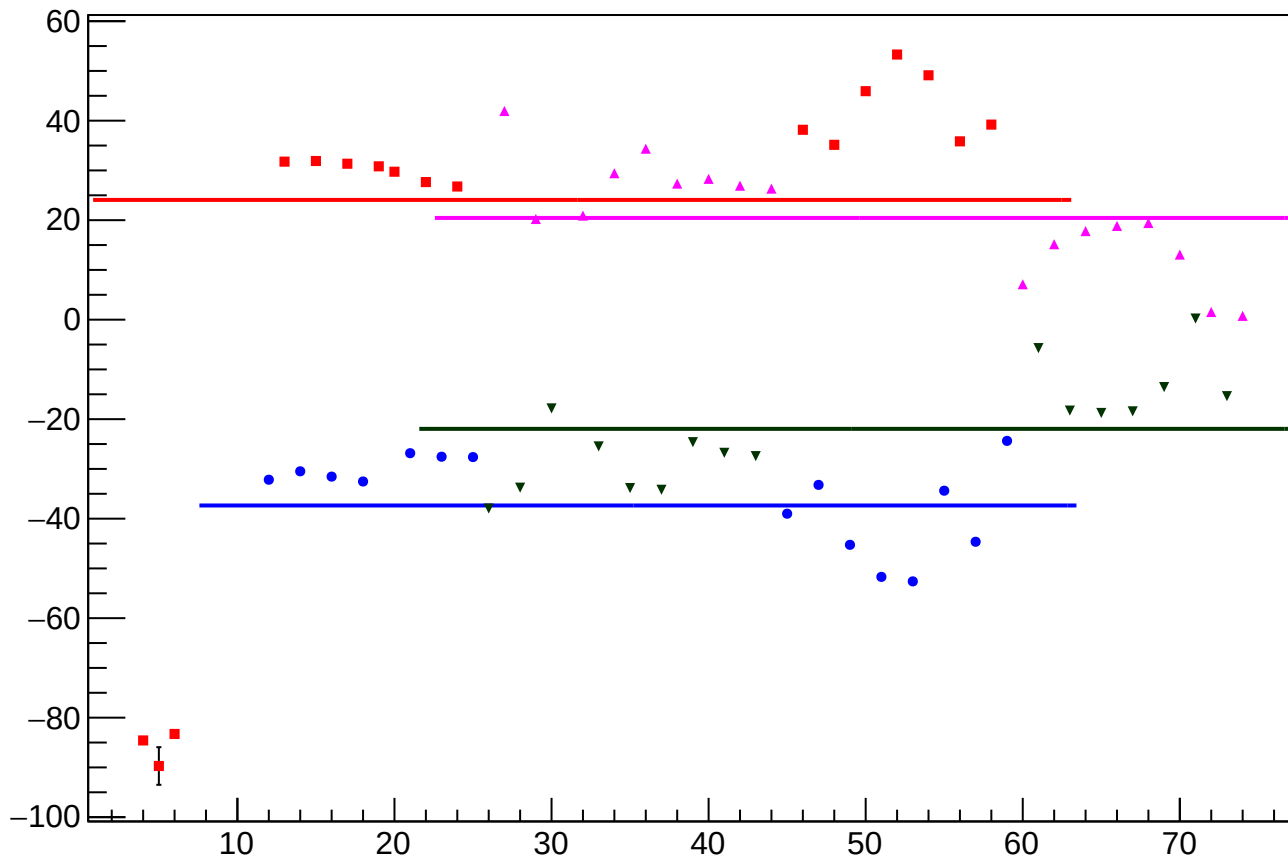
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

11.344 ± 0.072 χ^2/NDF : 471716.0/6

Right Out: 51.650 ± 0.093 χ^2/NDF : 605.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -37.349 ± 0.147 χ^2/NDF : 3690.9/14

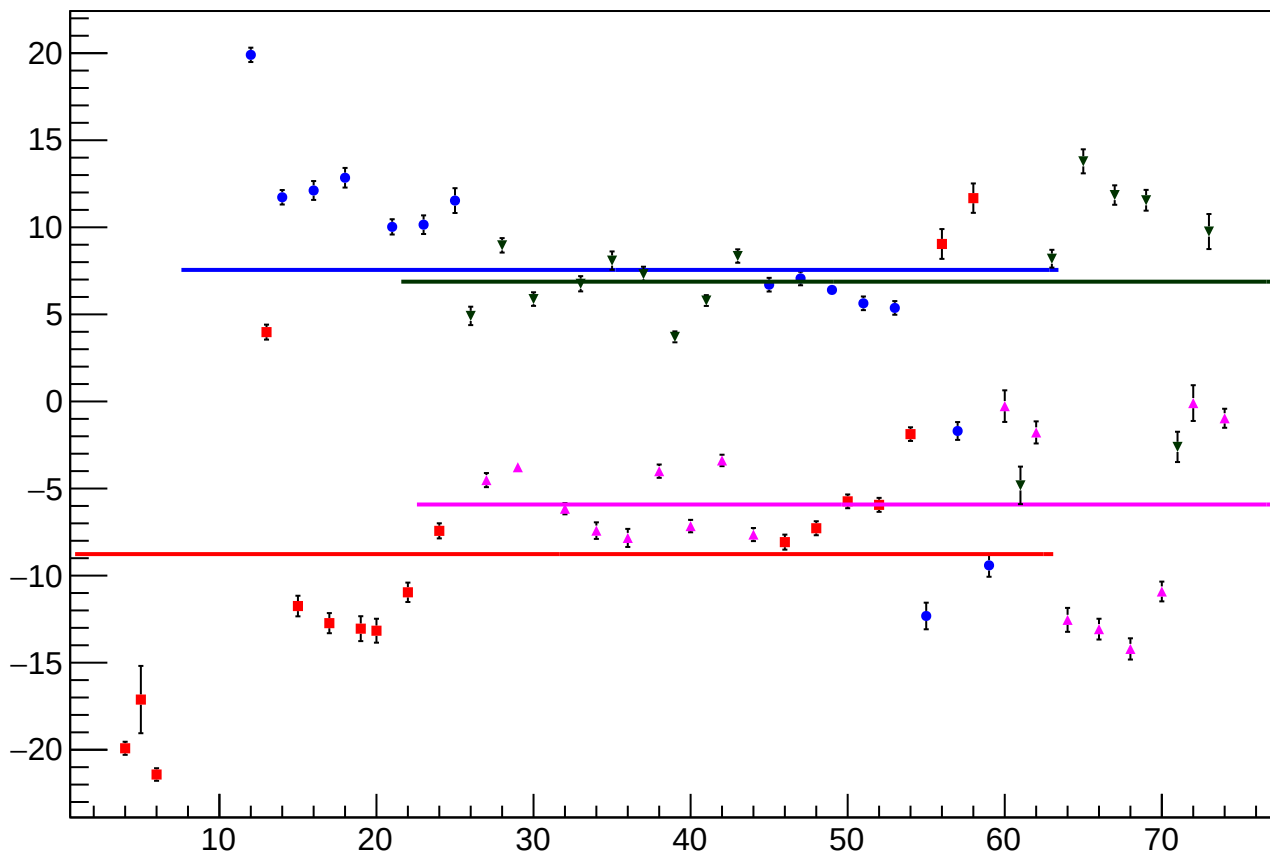
Left Out: -21.948 ± 0.134 χ^2/NDF : 4274.4/15

Right Out: 24.071 ± 0.163 χ^2/NDF : 57062.1/16

Left In: 20.449 ± 0.123 χ^2/NDF : 5383.3/16

-3.379 ± 0.070 χ^2/NDF : 208617.4/64

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 7.554 ± 0.115 $\chi^2/\text{NDF}: 2995.8/14$

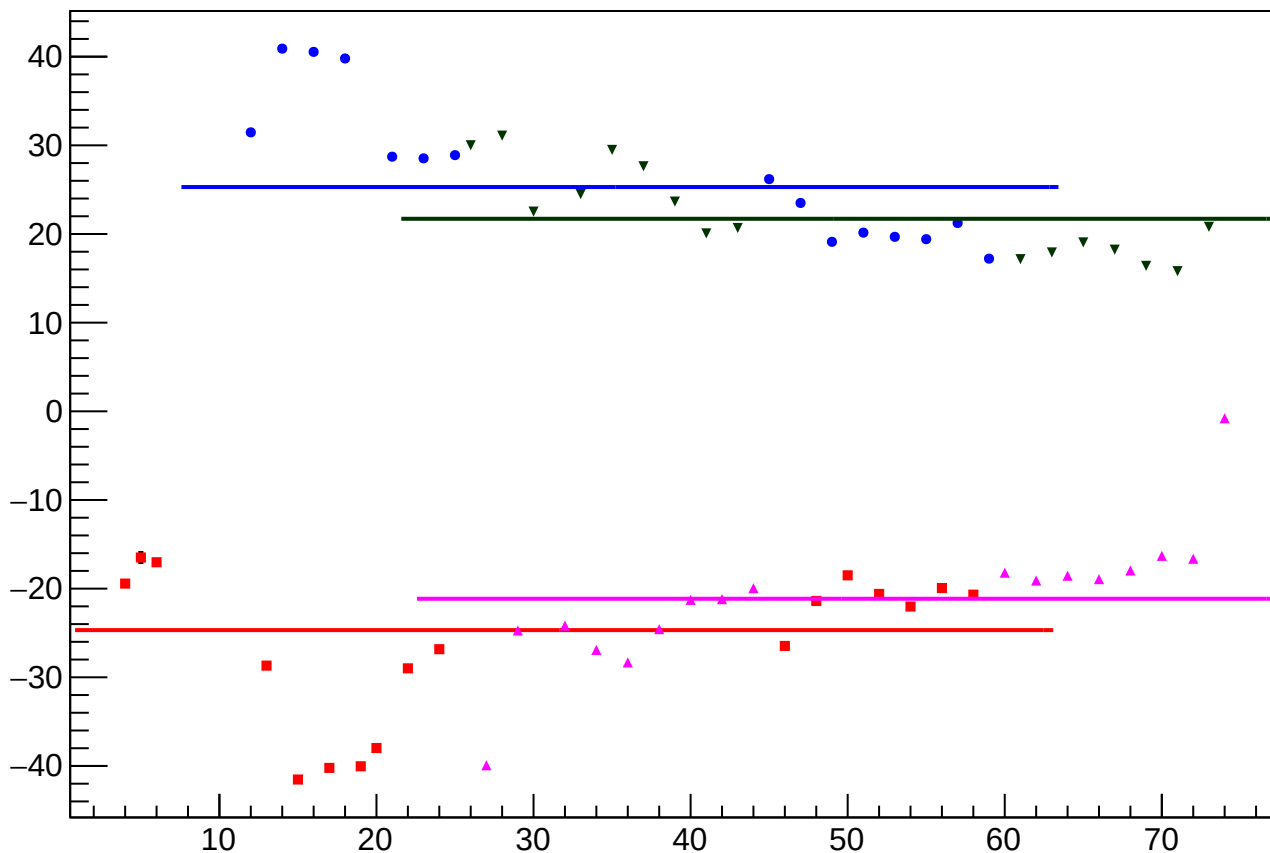
Left Out: 6.879 ± 0.117 $\chi^2/\text{NDF}: 672.8/15$

Right Out: -8.765 ± 0.118 $\chi^2/\text{NDF}: 4632.7/16$

Left In: -5.917 ± 0.108 $\chi^2/\text{NDF}: 903.5/16$

-0.238 ± 0.057 $\chi^2/\text{NDF}: 25466.6/64$

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 25.296 $\pm$ 0.027 χ^2 /NDF: 71321.1/14

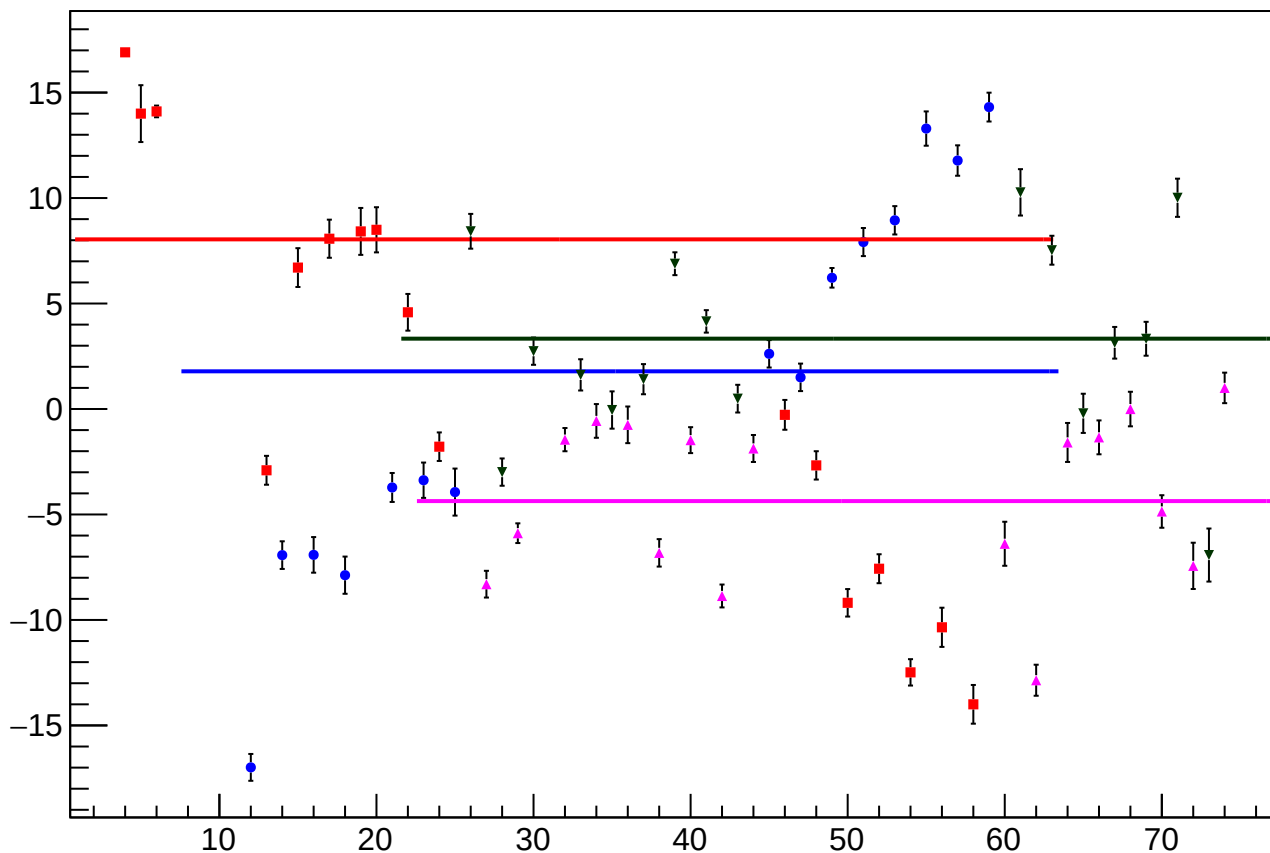
Left Out: 21.716 $\pm$ 0.023 χ^2 /NDF: 36979.2/15

Right Out: -24.679 $\pm$ 0.029 χ^2 /NDF: 55972.1/16

Left In: -21.141 $\pm$ 0.021 χ^2 /NDF: 80474.5/16

0.144 $\pm$ 0.012 χ^2 /NDF: 3767276.5/64

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 1.786 ± 0.179 $\chi^2/\text{NDF}: 2422.2/14$

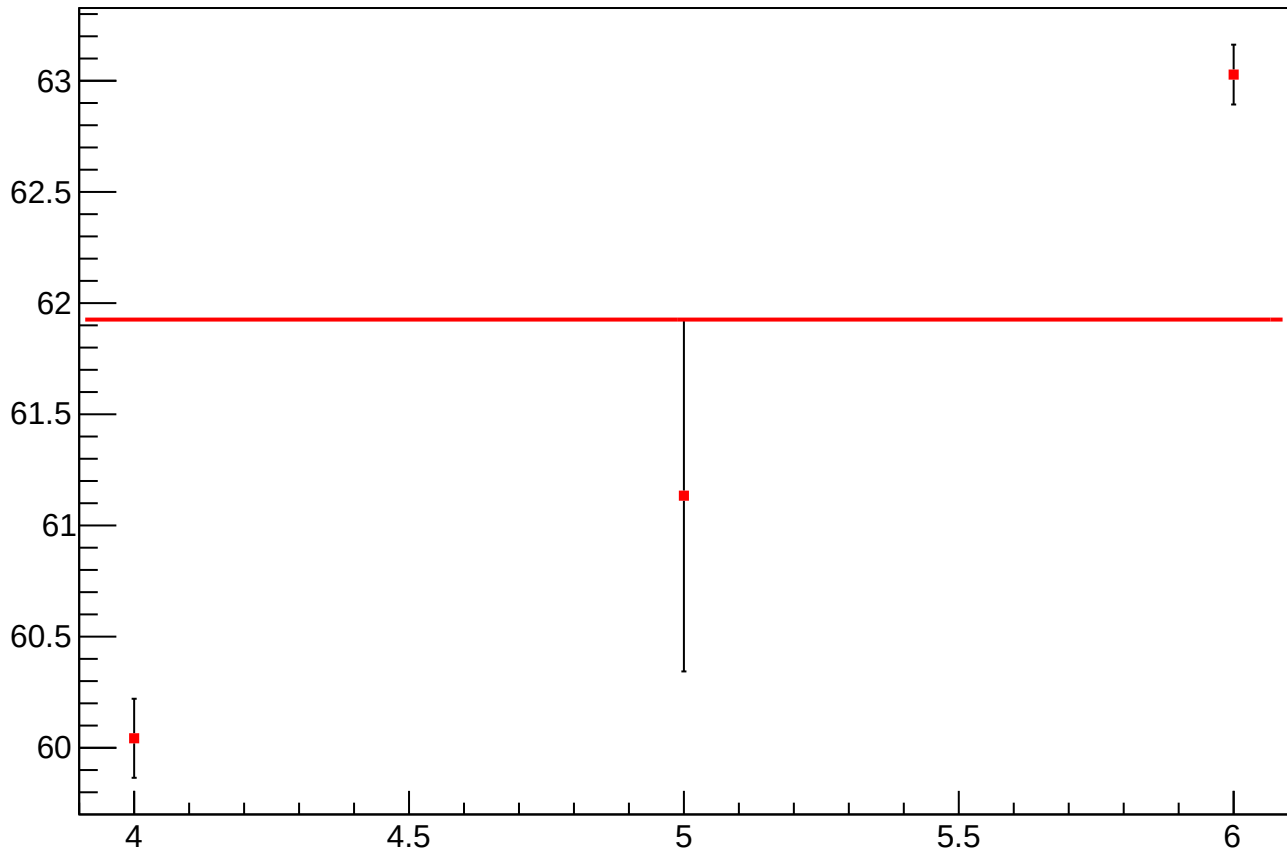
Left Out: 3.334 ± 0.183 $\chi^2/\text{NDF}: 438.8/15$

Right Out: 8.041 ± 0.132 $\chi^2/\text{NDF}: 6256.6/16$

Left In: -4.366 ± 0.168 $\chi^2/\text{NDF}: 489.3/16$

3.000 ± 0.081 $\chi^2/\text{NDF}: 13042.6/64$

reg_asym_dsr_diff_bpm12X_slope vs slug



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

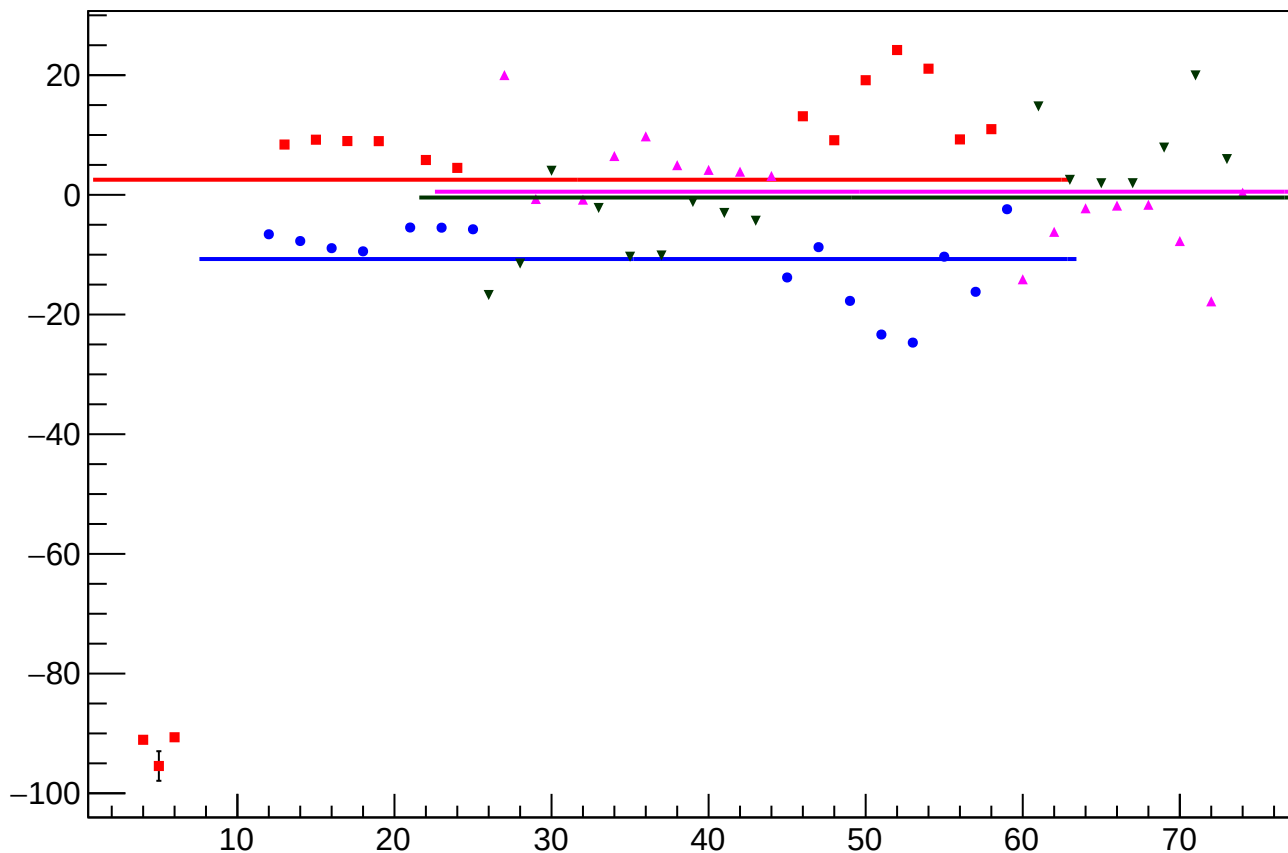
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 61.926+/-0.106 χ^2 /NDF: 180.3/2

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

61.926+/-0.106 χ^2 /NDF: 180.3/2

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -10.727 ± 0.081 χ^2/NDF : 5494.0/14

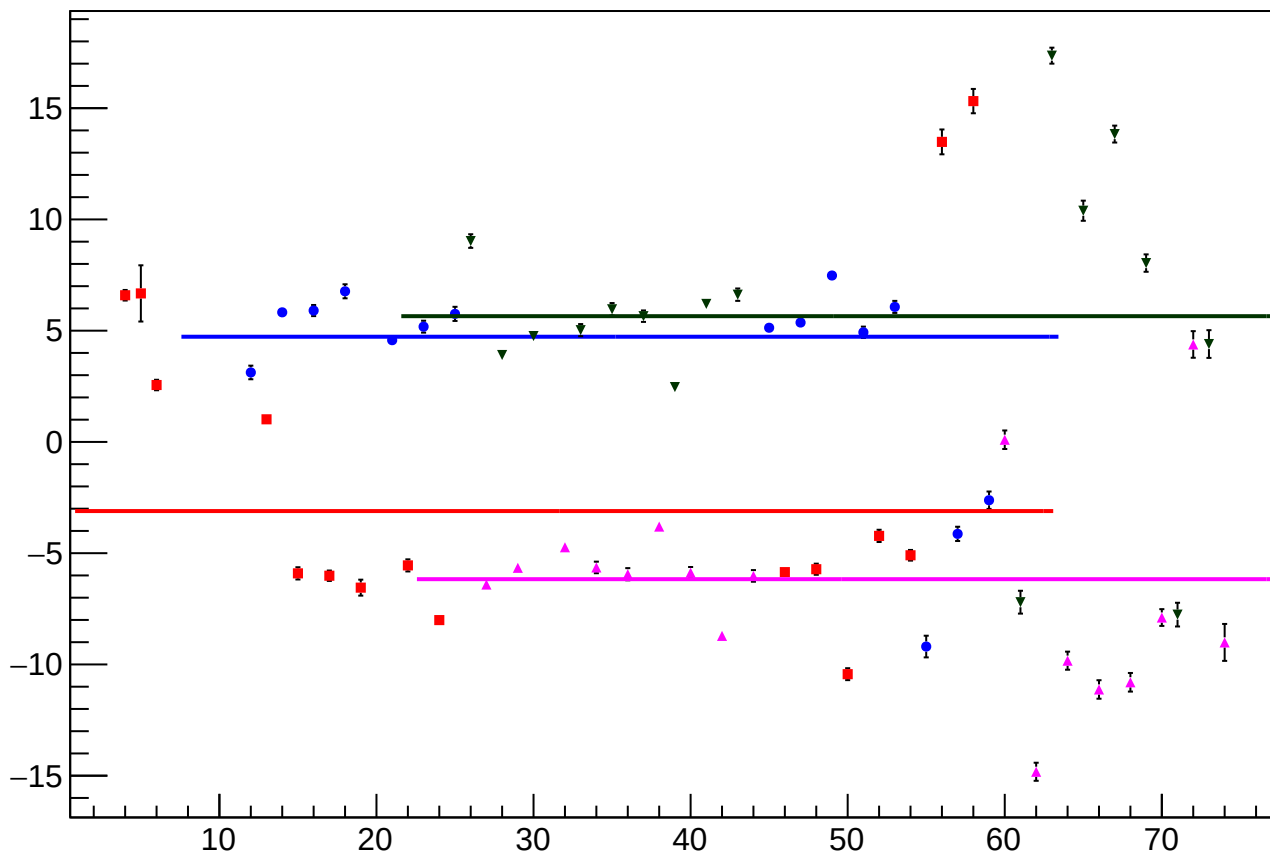
Left Out: -0.449 ± 0.082 χ^2/NDF : 10905.2/15

Right Out: 2.526 ± 0.093 χ^2/NDF : 99081.3/15

Left In: 0.524 ± 0.074 χ^2/NDF : 10410.6/16

-2.200 ± 0.041 χ^2/NDF : 141405.5/63

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 4.728 ± 0.063 χ^2/NDF : 2316.9/14

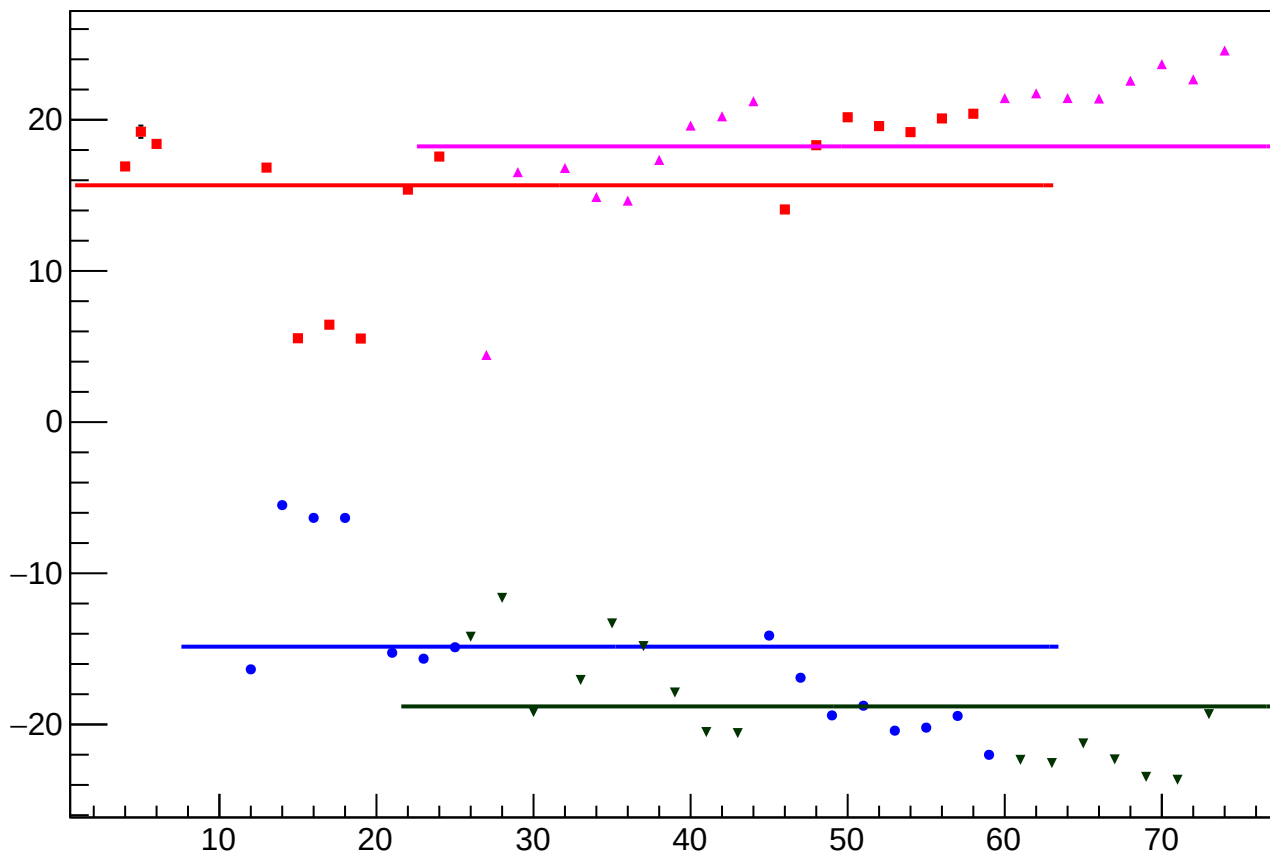
Left Out: 5.652 ± 0.070 χ^2/NDF : 3439.2/15

Right Out: -3.107 ± 0.067 χ^2/NDF : 6725.2/15

Left In: -6.168 ± 0.062 χ^2/NDF : 1742.7/16

0.053 ± 0.033 χ^2/NDF : 38357.7/63

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -14.854 $\pm$ 0.015 χ^2 /NDF: 123078.0/14

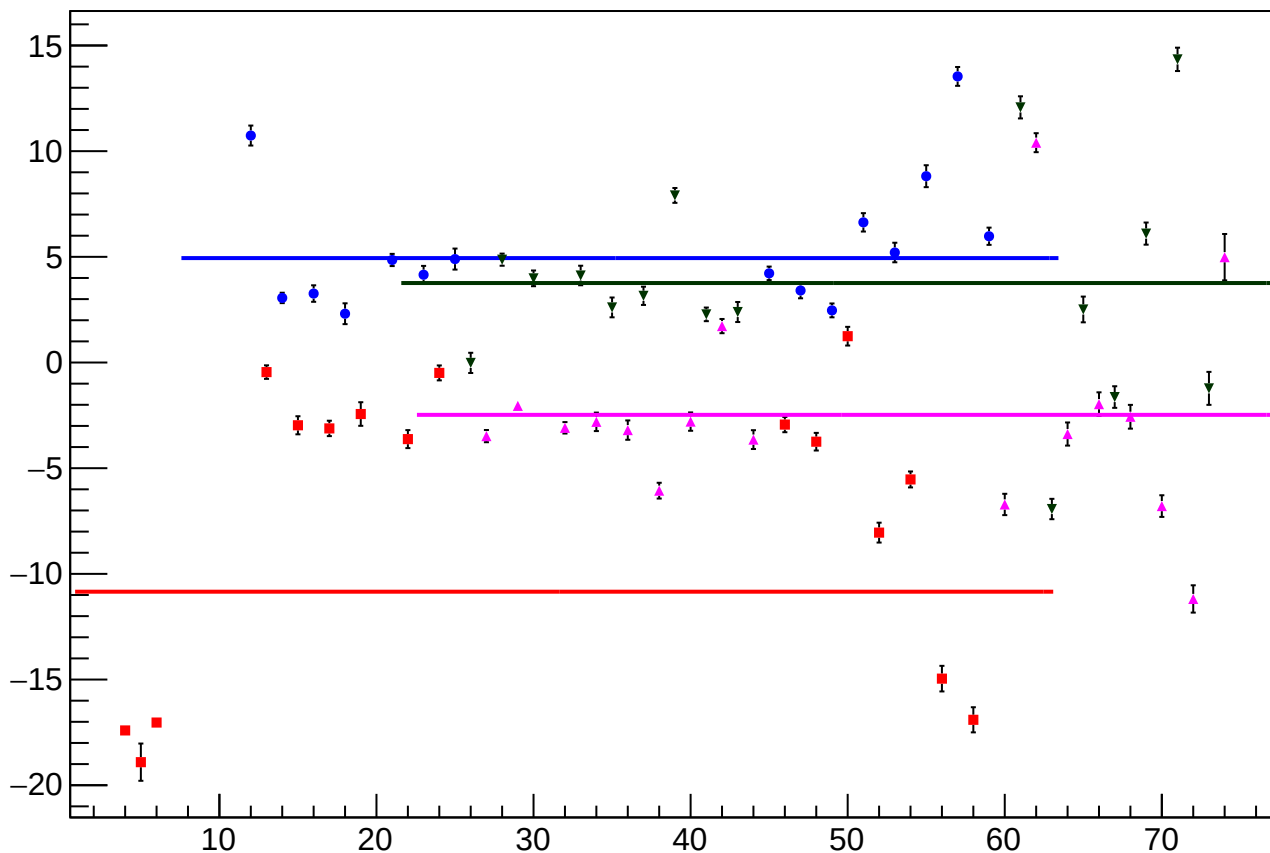
Left Out: -18.807 $\pm$ 0.014 χ^2 /NDF: 73349.6/15

Right Out: 15.666 $\pm$ 0.016 χ^2 /NDF: 80721.9/15

Left In: 18.240 $\pm$ 0.013 χ^2 /NDF: 123755.3/16

0.310 $\pm$ 0.007 χ^2 /NDF: 6252432.8/63

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.941 ± 0.098 $\chi^2/\text{NDF}: 788.3/14$

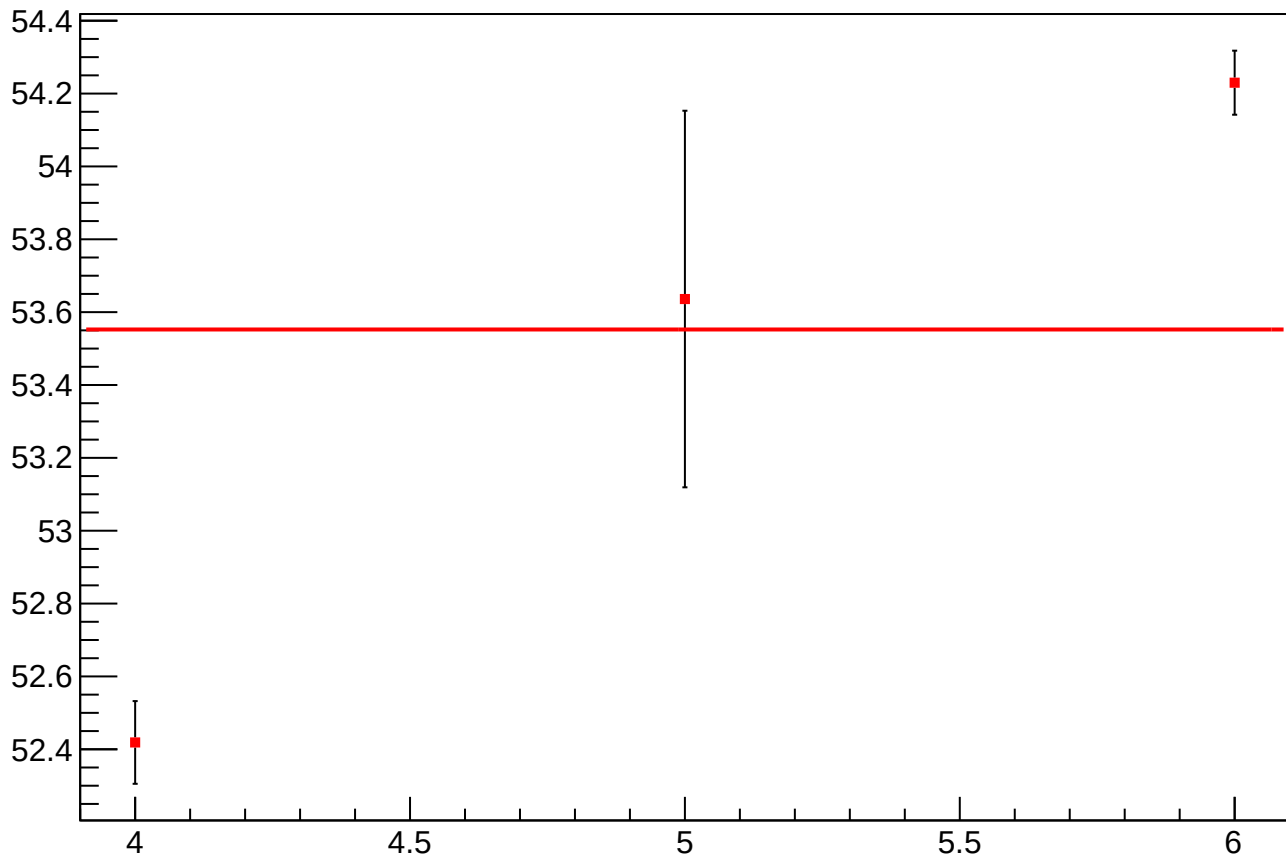
Left Out: 3.761 ± 0.109 $\chi^2/\text{NDF}: 1541.9/15$

-2.539 ± 0.047 $\chi^2/\text{NDF}: 32462.7/63$

Right Out: -10.843 ± 0.079 $\chi^2/\text{NDF}: 8580.2/15$

Left In: -2.476 ± 0.097 $\chi^2/\text{NDF}: 1474.2/16$

reg_asym_us_avg_diff_bpm12X_slope vs slug



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

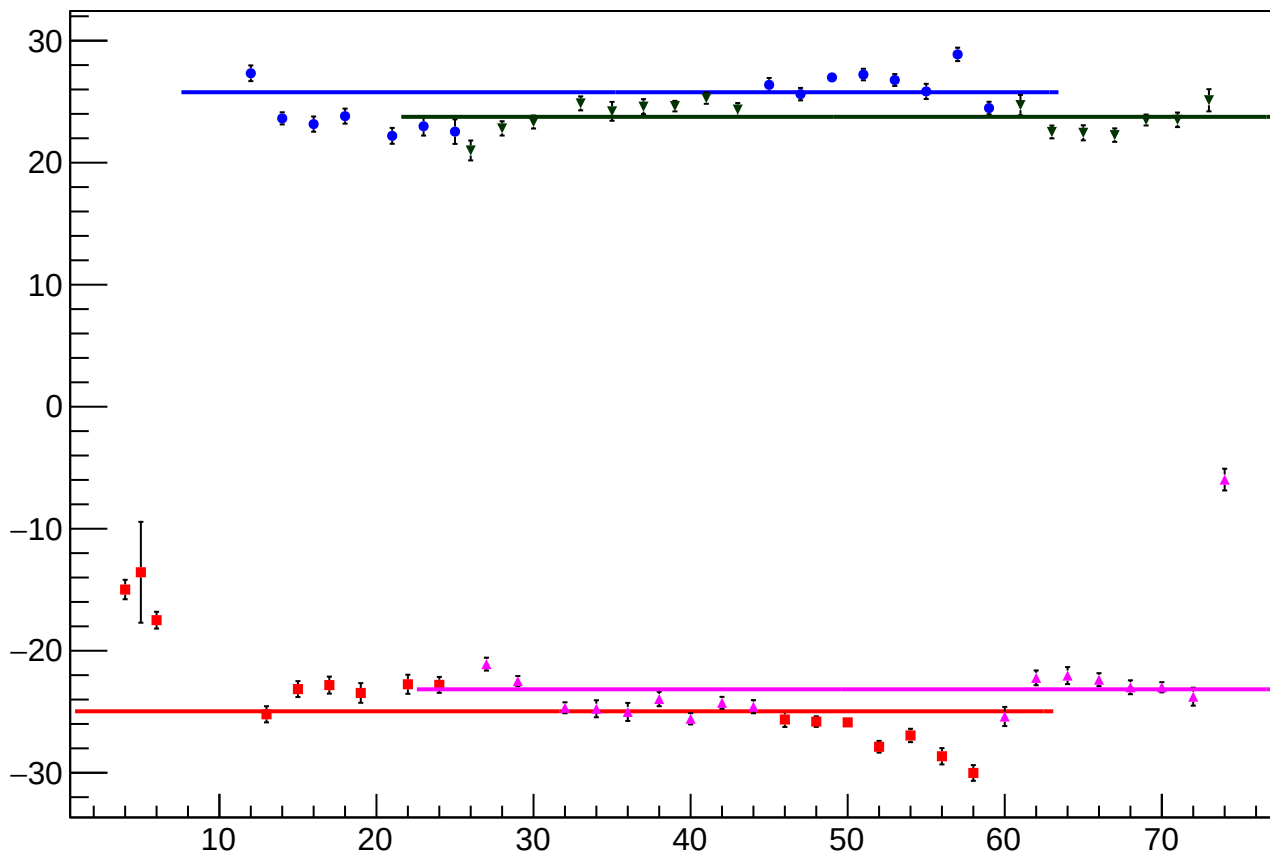
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.552+/-0.069 χ^2/NDF : 159.1/2

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

53.552+/-0.069 χ^2/NDF : 159.1/2

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.774 $\pm$ 0.135 χ^2 /NDF: 177.3/14

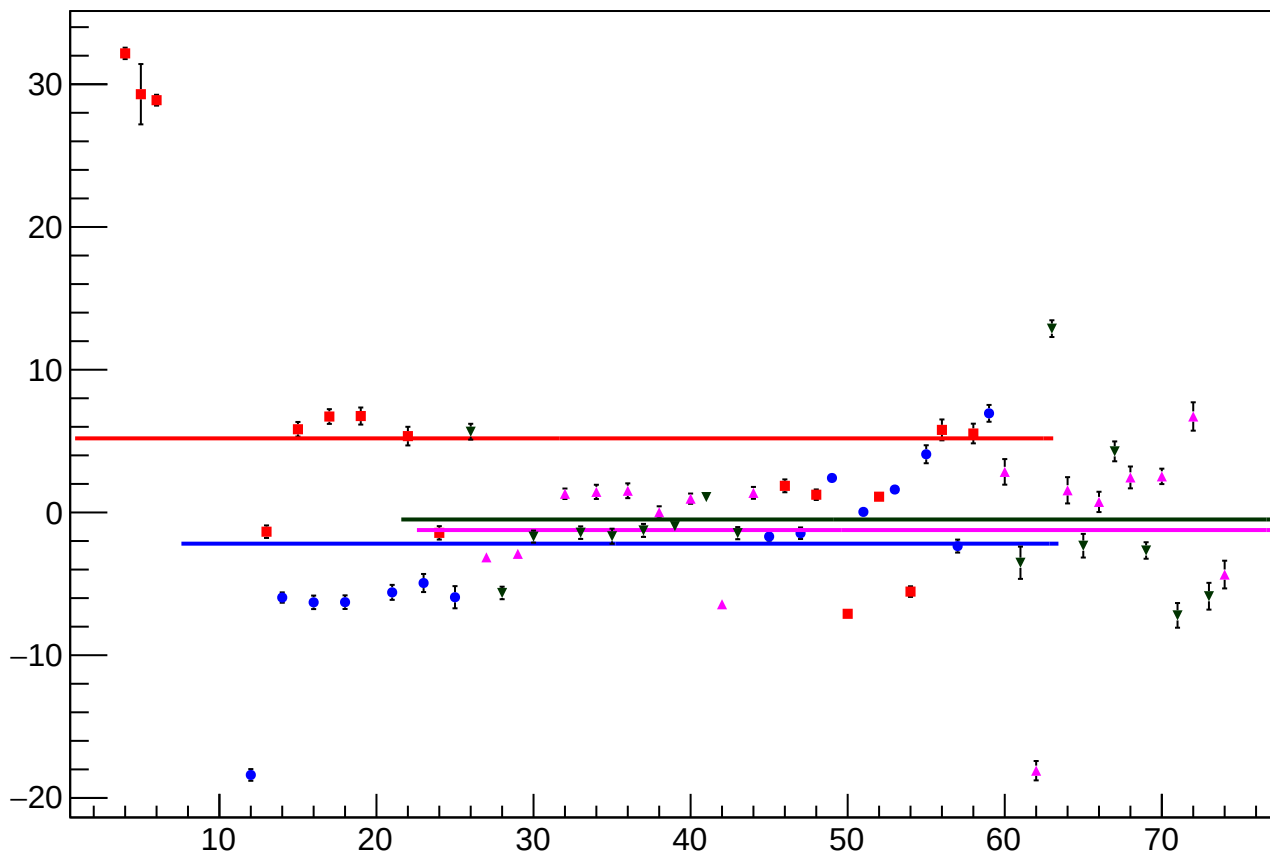
Left Out: 23.758 $\pm$ 0.143 χ^2 /NDF: 58.1/15

Right Out: -24.964 $\pm$ 0.154 χ^2 /NDF: 473.7/15

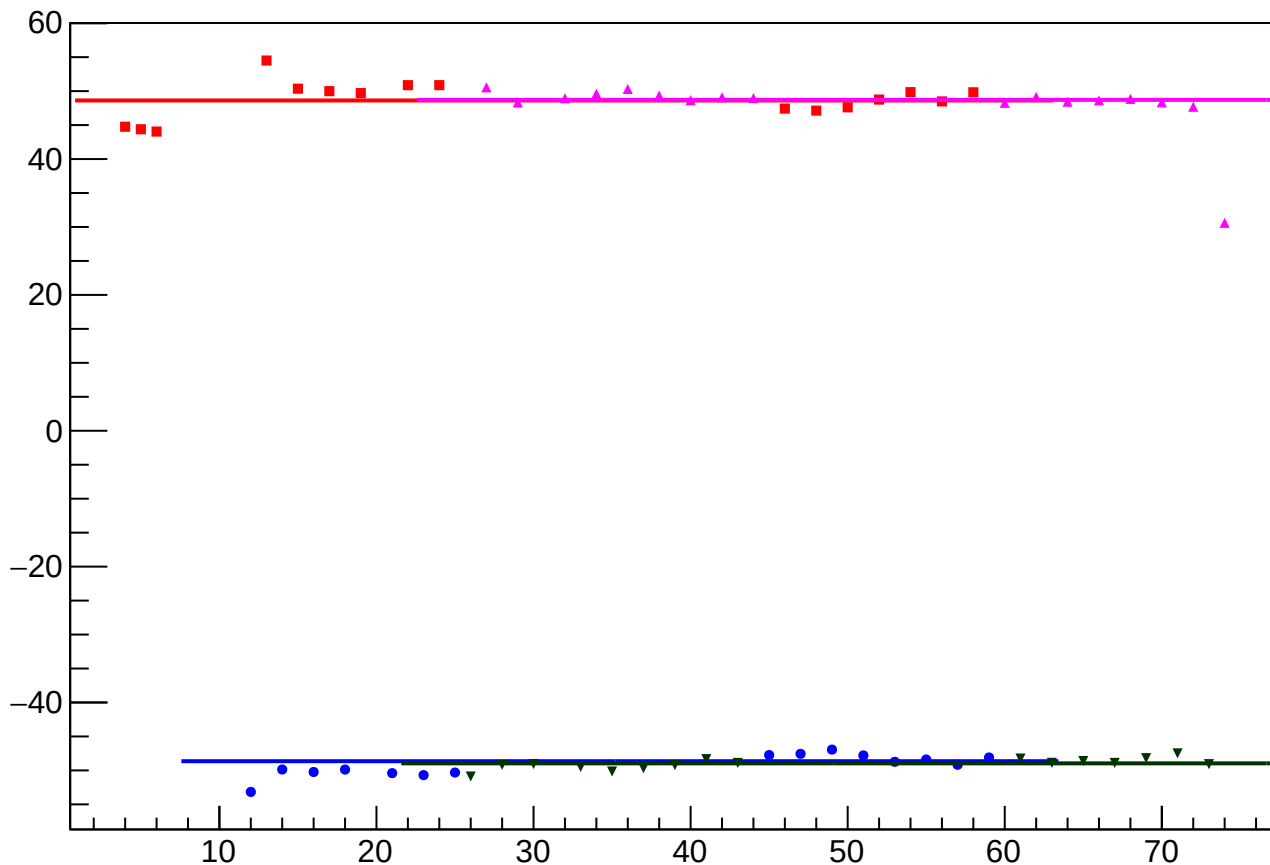
Left In: -23.160 $\pm$ 0.135 χ^2 /NDF: 470.6/16

1.158 $\pm$ 0.071 χ^2 /NDF: 120649.4/63

reg_asym_us_dd_diff_bpm4aY_slope vs slug



reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.643 ± 0.025 χ^2/NDF : 3560.8/14

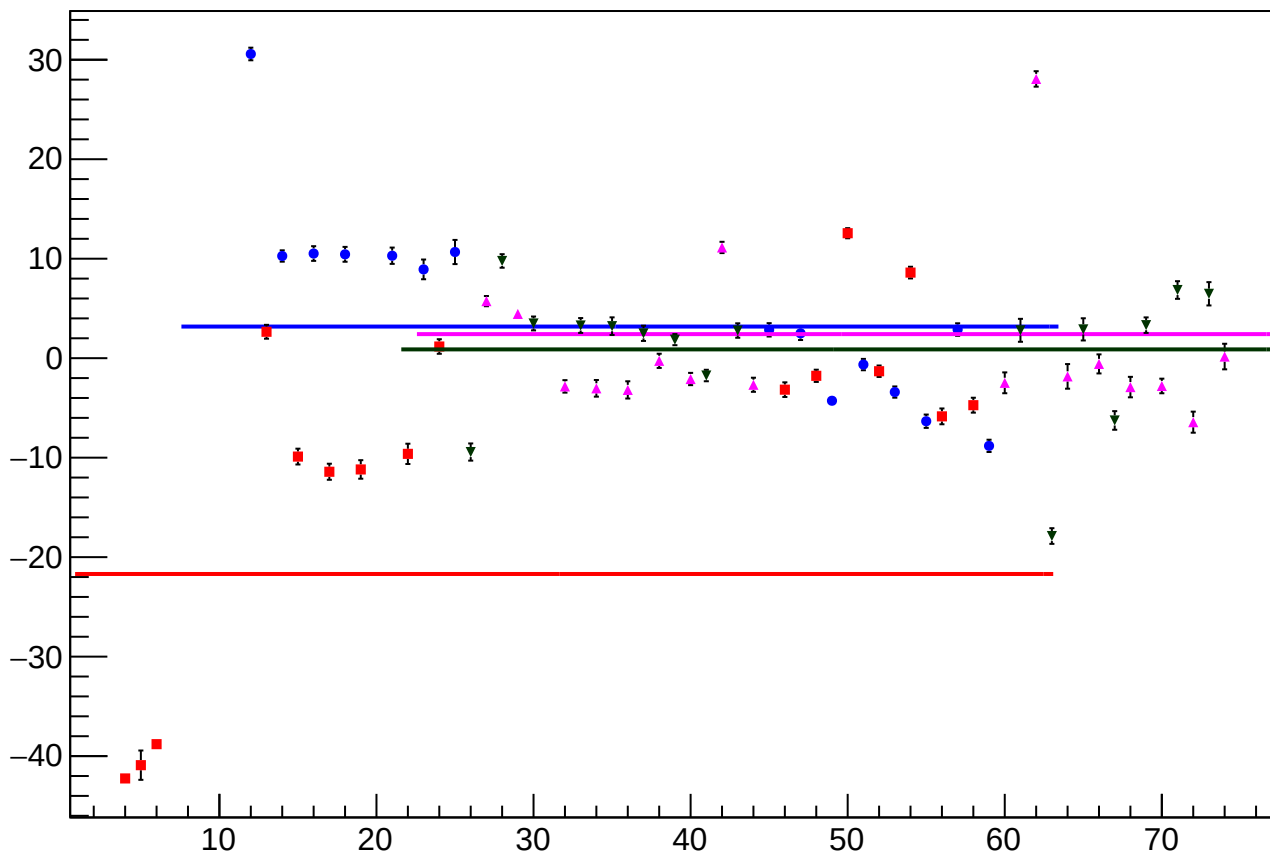
Left Out: -48.962 ± 0.025 χ^2/NDF : 751.8/15

Right Out: 48.623 ± 0.027 χ^2/NDF : 6762.8/15

Left In: 48.712 ± 0.023 χ^2/NDF : 8438.6/16

-0.868 ± 0.012 χ^2/NDF : 15306958.5/63

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 3.179 ± 0.164 χ^2/NDF : 3495.2/14

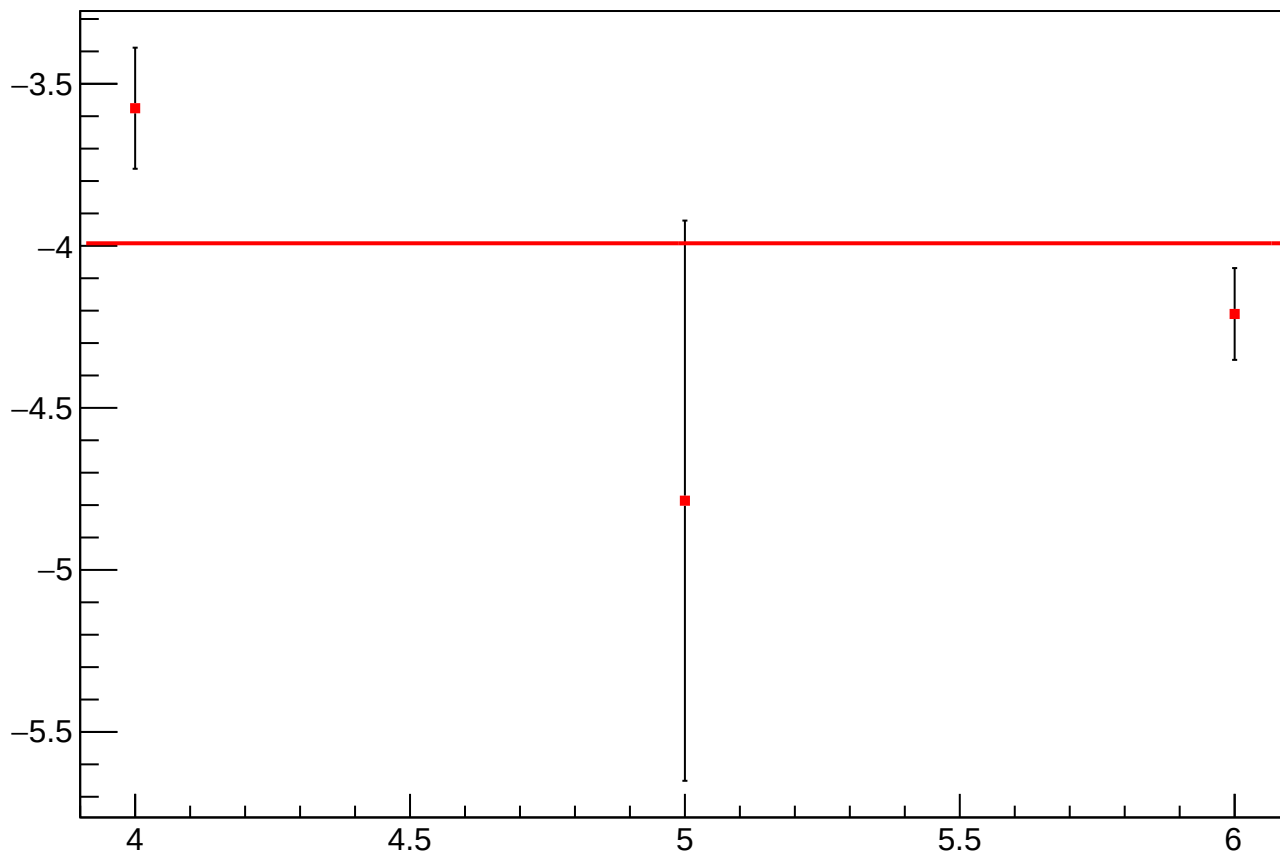
Left Out: 0.883 ± 0.195 χ^2/NDF : 1089.0/15

-6.689 ± 0.081 χ^2/NDF : 51923.1/63

Right Out: -21.693 ± 0.133 χ^2/NDF : 24989.1/15

Left In: 2.419 ± 0.179 χ^2/NDF : 1849.9/16

reg_asym_us_dd_diff_bpm12X_slope vs slug



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

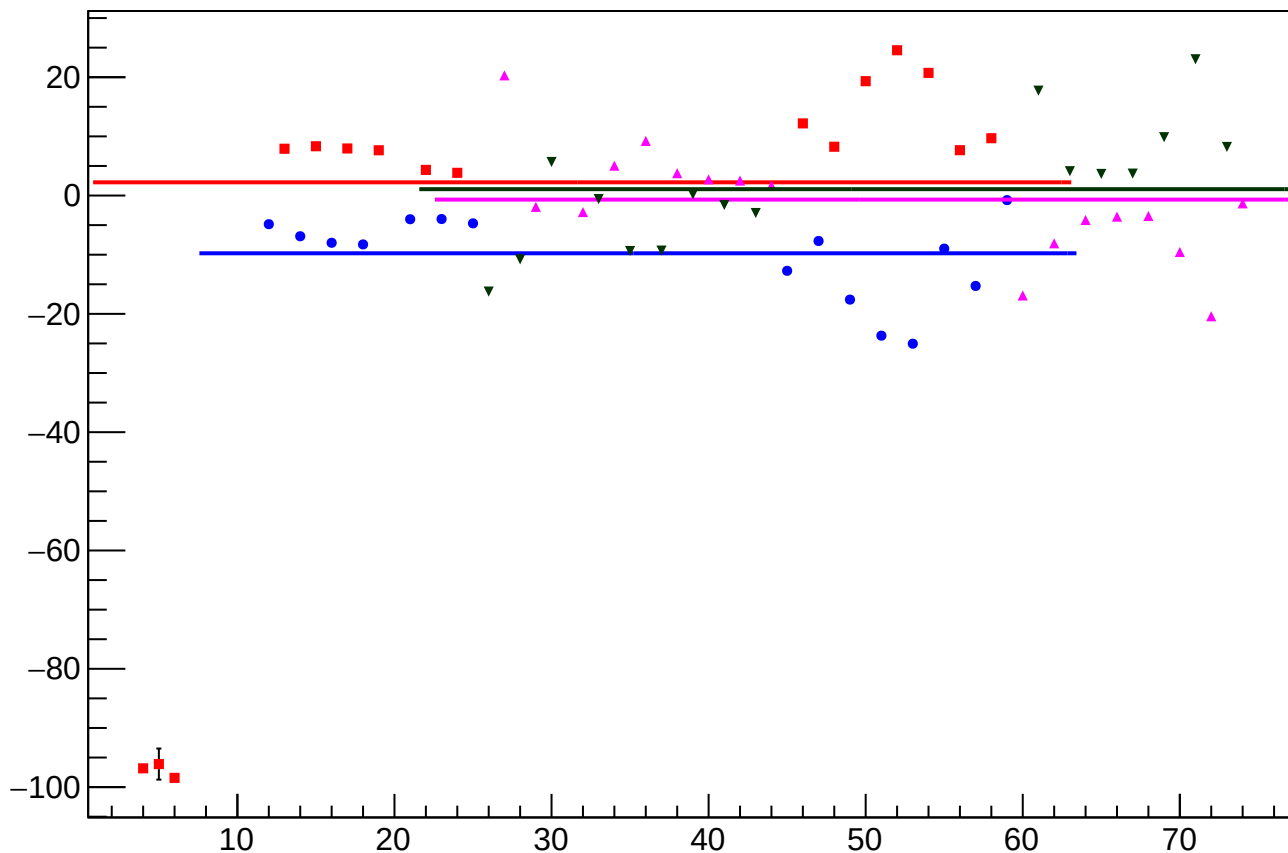
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.992 $\pm$ 0.112 χ^2 /NDF: 8.2/2

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

-3.992 $\pm$ 0.112 χ^2 /NDF: 8.2/2

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -9.762 ± 0.087 χ^2/NDF : 5325.8/14

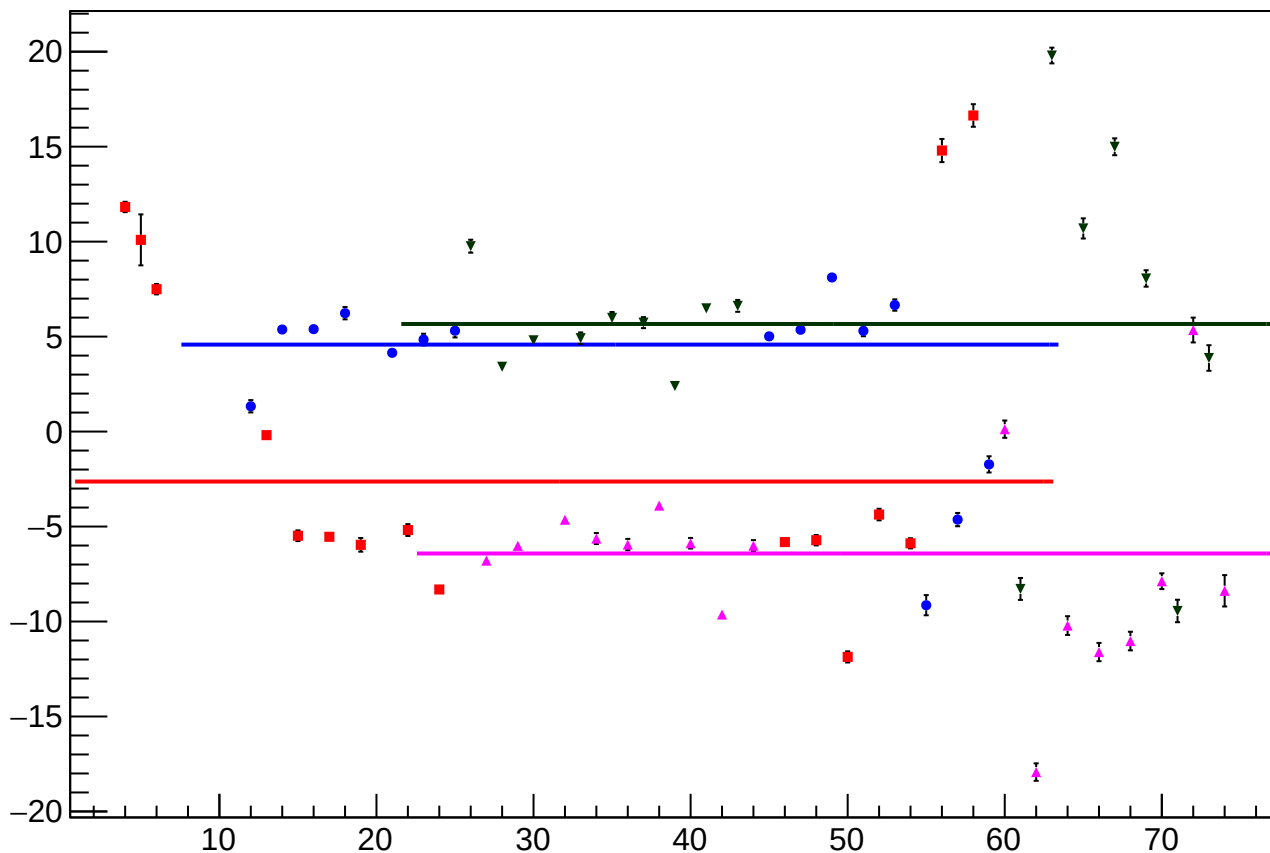
Left Out: 1.077 ± 0.092 χ^2/NDF : 10071.8/15

Right Out: 2.234 ± 0.101 χ^2/NDF : 84895.1/15

Left In: -0.685 ± 0.083 χ^2/NDF : 10592.2/16

-2.092 ± 0.045 χ^2/NDF : 121897.3/63

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 4.579 ± 0.068 $\chi^2/\text{NDF}: 2079.4/14$

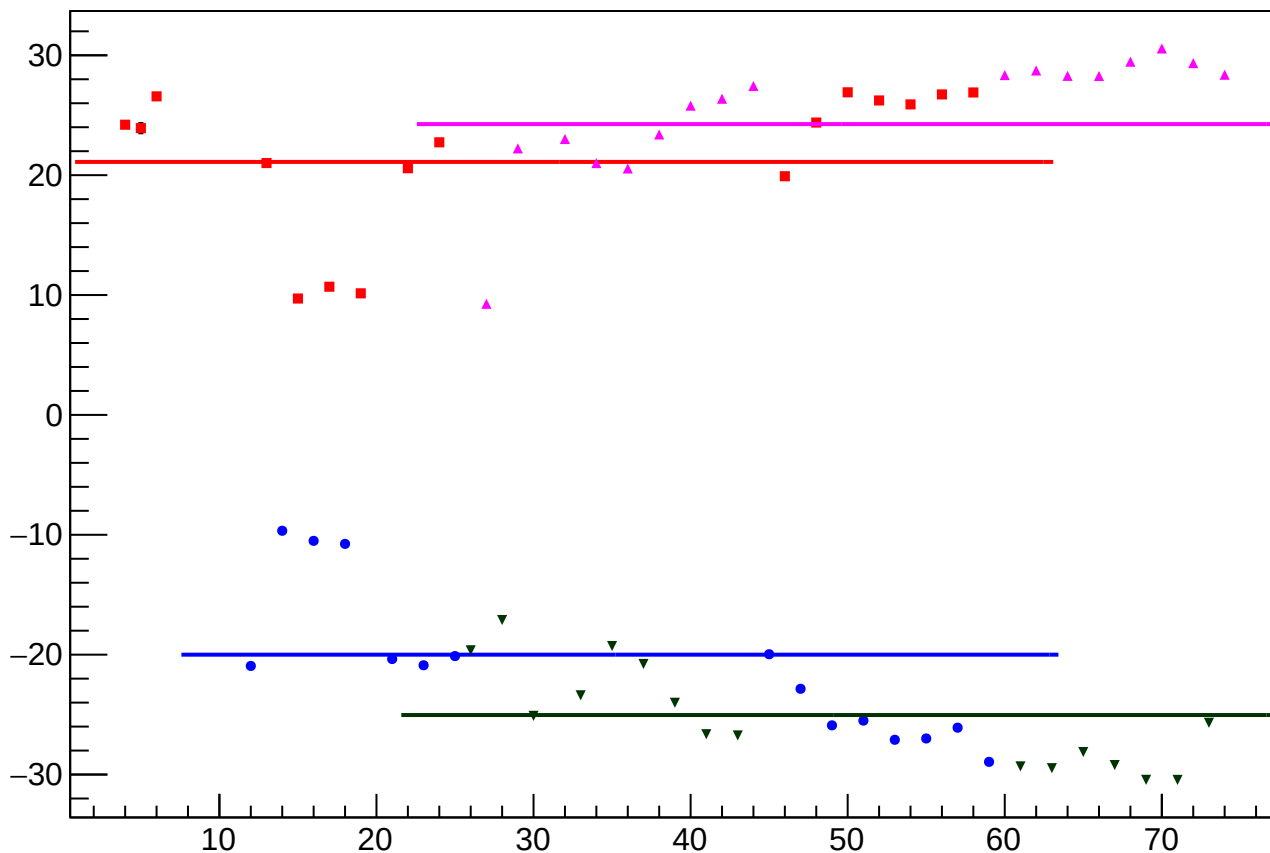
Left Out: 5.665 ± 0.079 $\chi^2/\text{NDF}: 3492.8/15$

Right Out: -2.631 ± 0.073 $\chi^2/\text{NDF}: 8655.9/15$

Left In: -6.418 ± 0.069 $\chi^2/\text{NDF}: 1864.3/16$

0.085 ± 0.036 $\chi^2/\text{NDF}: 35818.0/63$

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -20.001 ± 0.016 $\chi^2/\text{NDF}: 157299.2/14$

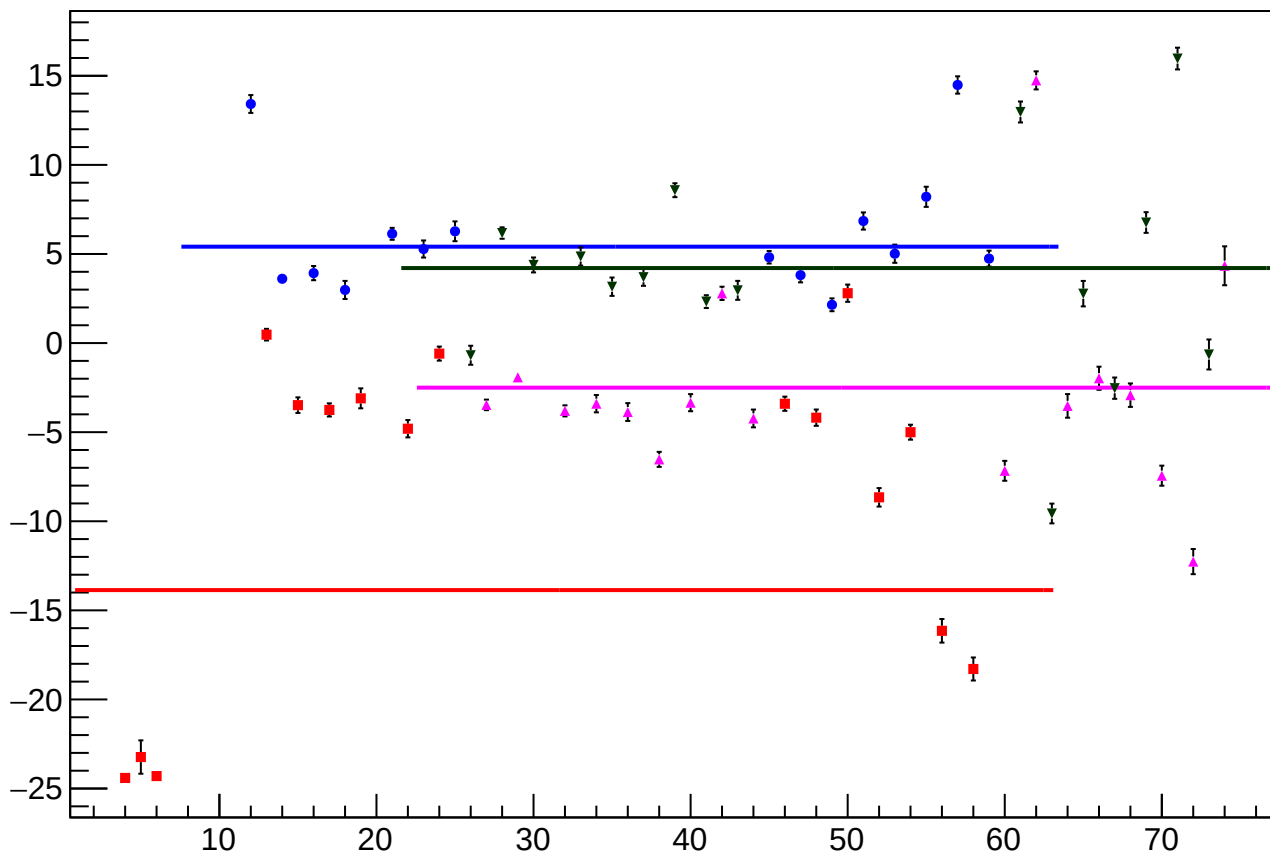
Left Out: -25.036 ± 0.016 $\chi^2/\text{NDF}: 72500.1/15$

Right Out: 21.105 ± 0.018 $\chi^2/\text{NDF}: 102656.0/15$

Left In: 24.259 ± 0.014 $\chi^2/\text{NDF}: 133693.1/16$

0.325 ± 0.008 $\chi^2/\text{NDF}: 8897747.5/63$

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 5.410+/-0.105 χ^2/NDF : 839.6/14

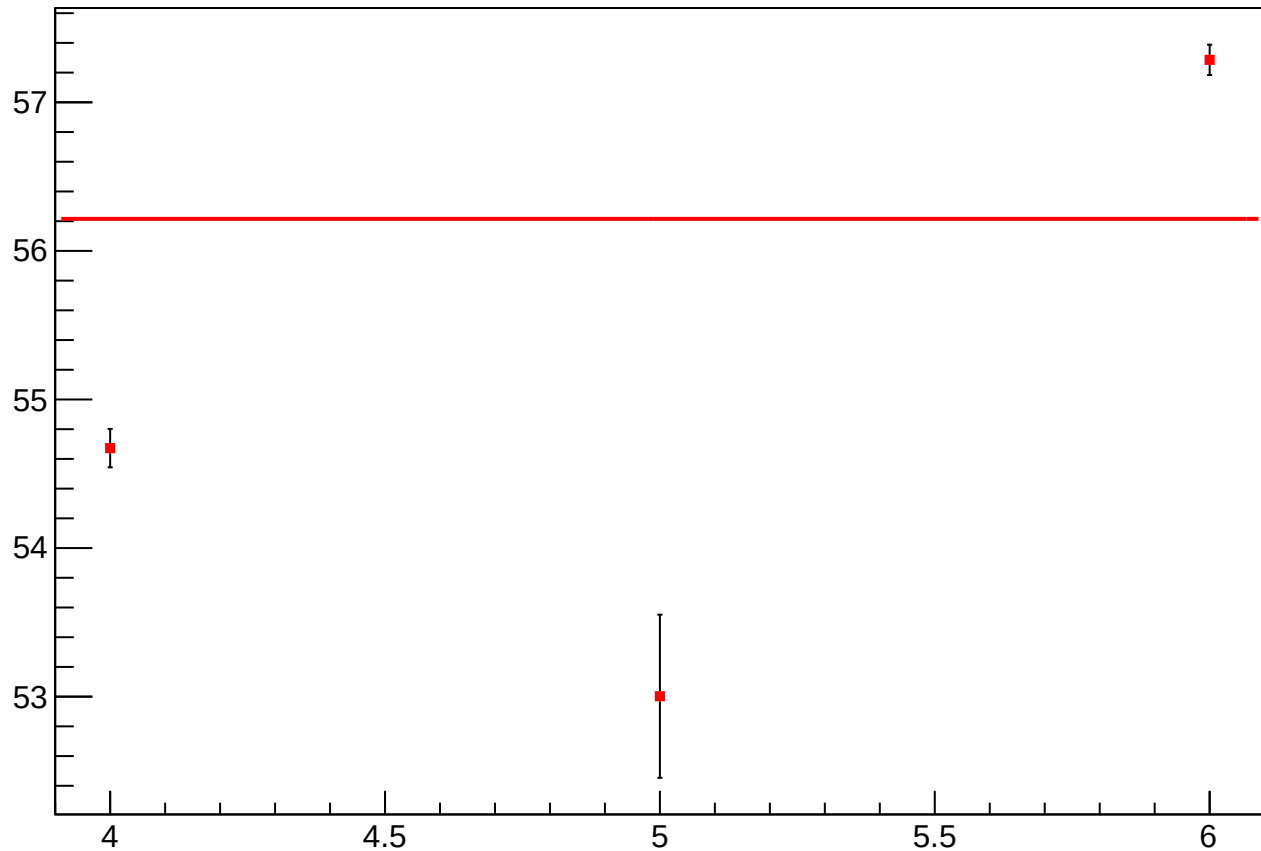
Left Out: 4.210+/-0.123 χ^2/NDF : 1679.4/15

-3.295+/-0.052 χ^2/NDF : 44222.2/63

Right Out: -13.864+/-0.088 χ^2/NDF : 14900.7/15

Left In: -2.502+/-0.108 χ^2/NDF : 1890.2/16

reg_asym_ds_avg_diff_bpm12X_slope vs slug



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

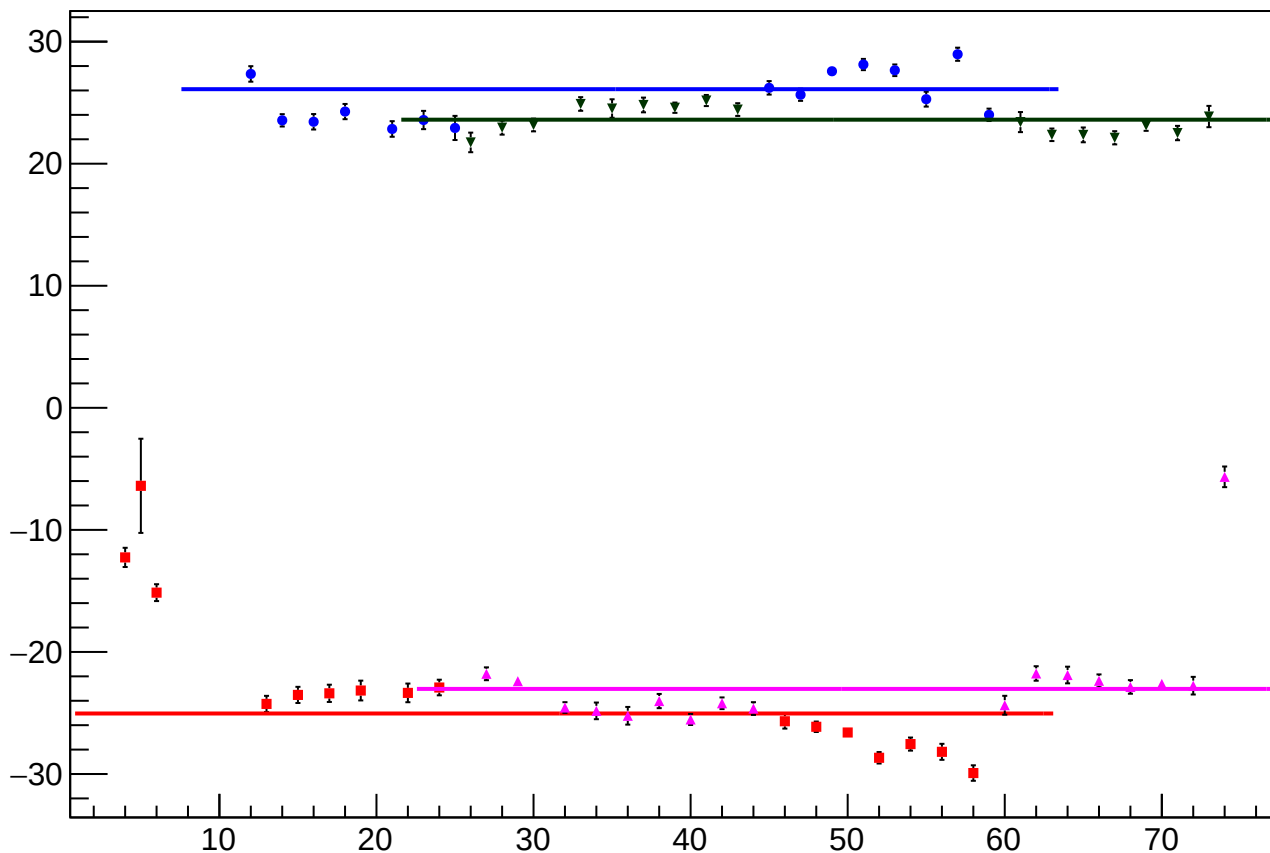
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.216+/-0.079 χ^2/NDF : 286.5/2

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

56.216+/-0.079 χ^2/NDF : 286.5/2

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 26.105 $\pm$ 0.133 χ^2 /NDF: 210.1/14

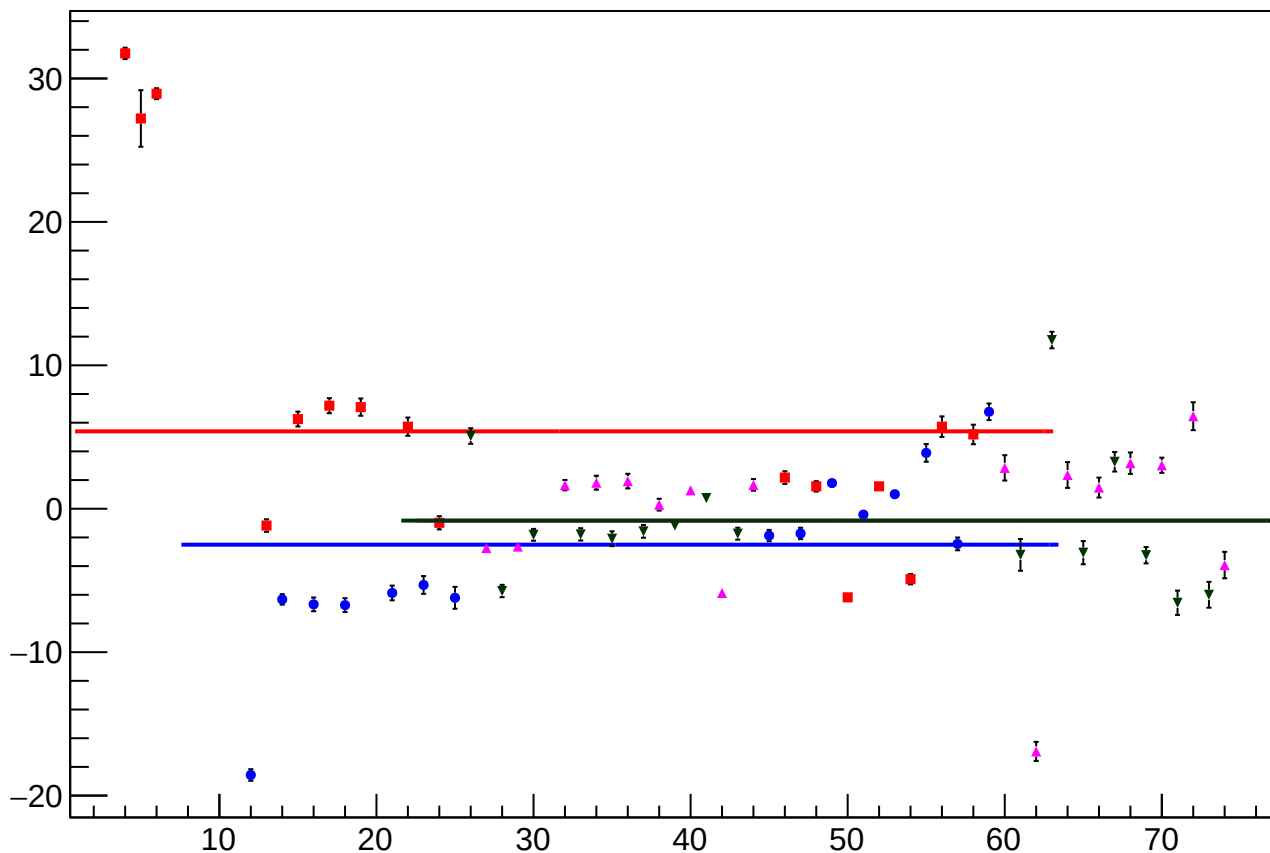
Left Out: 23.606 $\pm$ 0.140 χ^2 /NDF: 60.2/15

Right Out: -25.042 $\pm$ 0.152 χ^2 /NDF: 712.9/15

Left In: -23.028 $\pm$ 0.132 χ^2 /NDF: 520.2/16

1.242 $\pm$ 0.069 χ^2 /NDF: 125701.0/63

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -2.505 ± 0.105 $\chi^2/\text{NDF}: 2796.9/14$

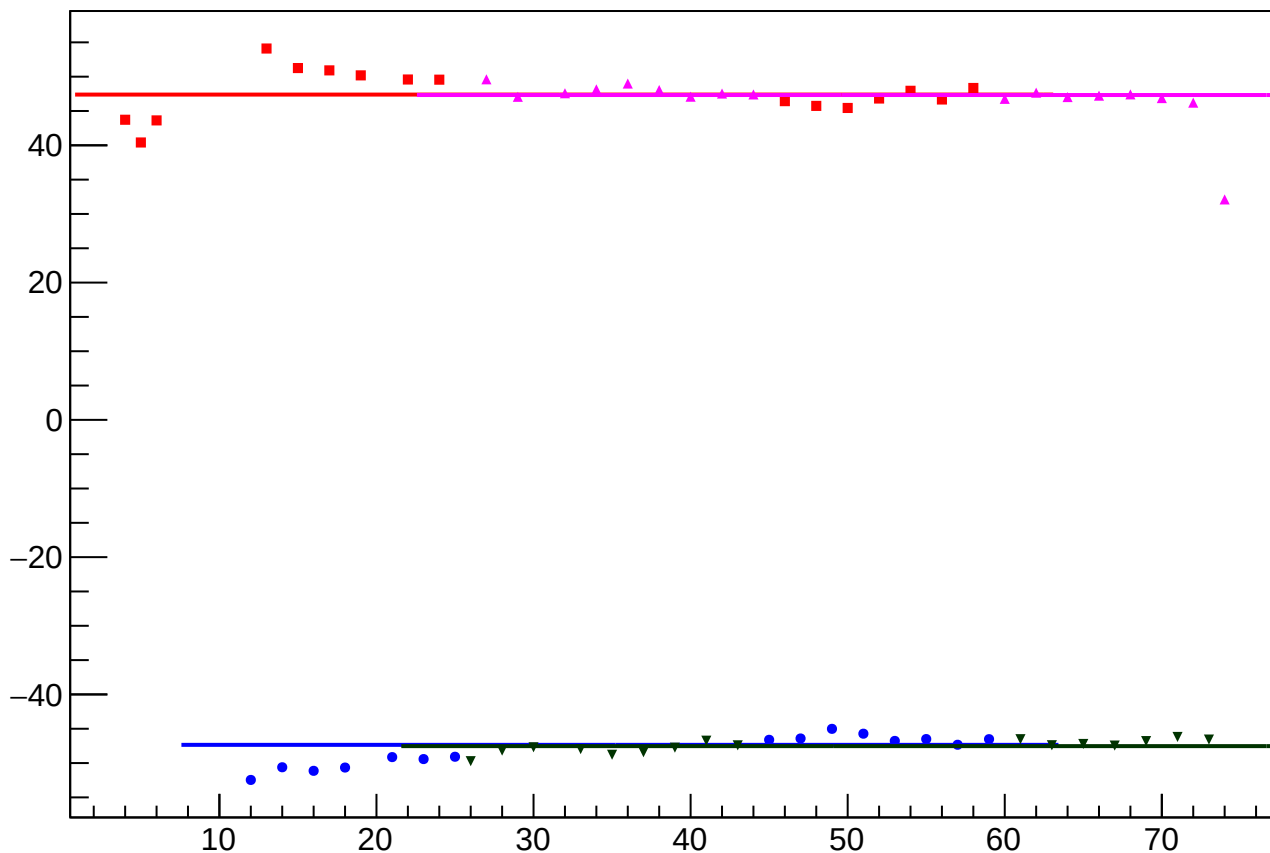
Left Out: -0.827 ± 0.122 $\chi^2/\text{NDF}: 921.5/15$

Right Out: 5.396 ± 0.111 $\chi^2/\text{NDF}: 11390.6/15$

Left In: -0.830 ± 0.112 $\chi^2/\text{NDF}: 1256.5/16$

0.267 ± 0.056 $\chi^2/\text{NDF}: 19365.7/63$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.347±/0.024 χ^2/NDF : 7546.2/14

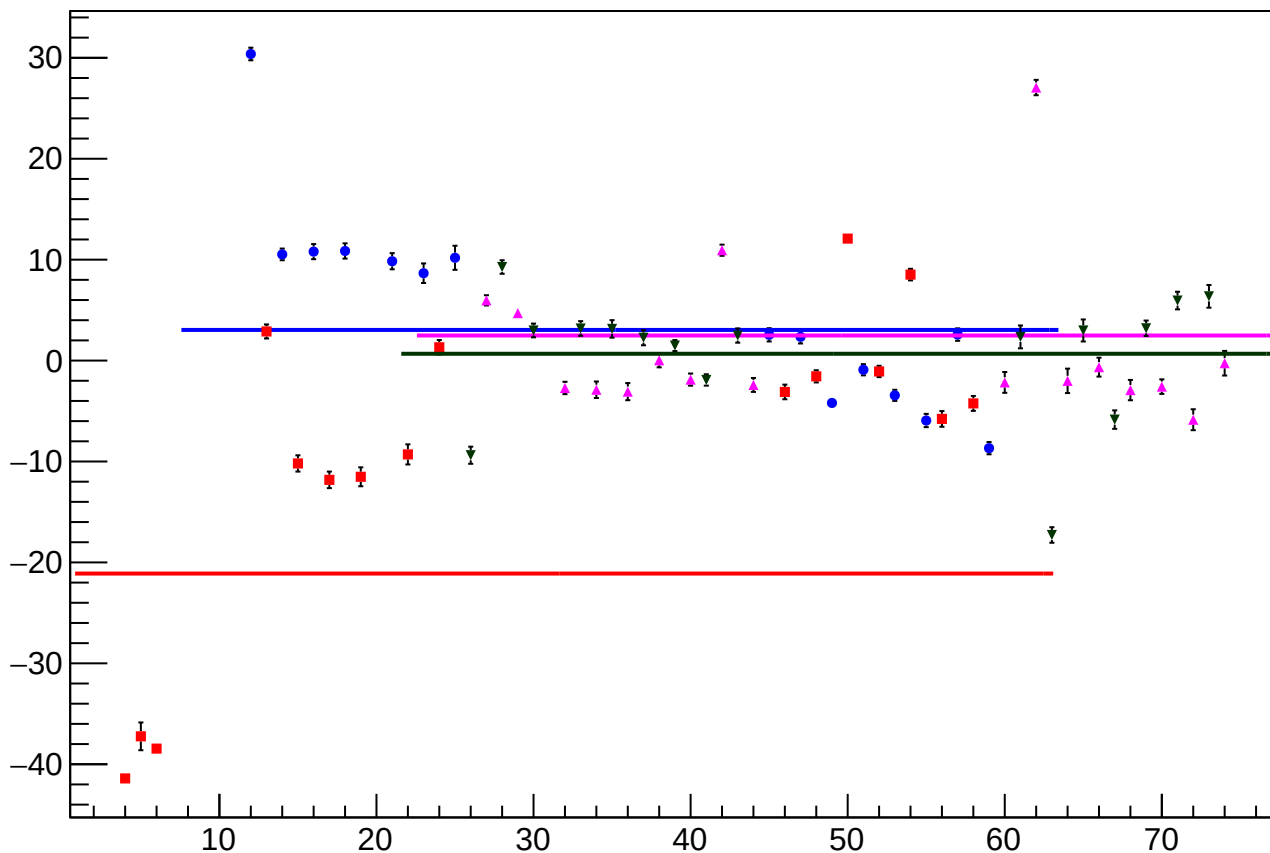
Left Out: -47.532±/0.024 χ^2/NDF : 953.3/15

Right Out: 47.391±/0.027 χ^2/NDF : 8890.7/15

Left In: 47.326±/0.023 χ^2/NDF : 7026.6/16

-0.855±/0.012 χ^2/NDF : 15026507.0/63

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 3.037 ± 0.162 $\chi^2/\text{NDF}: 3551.2/14$

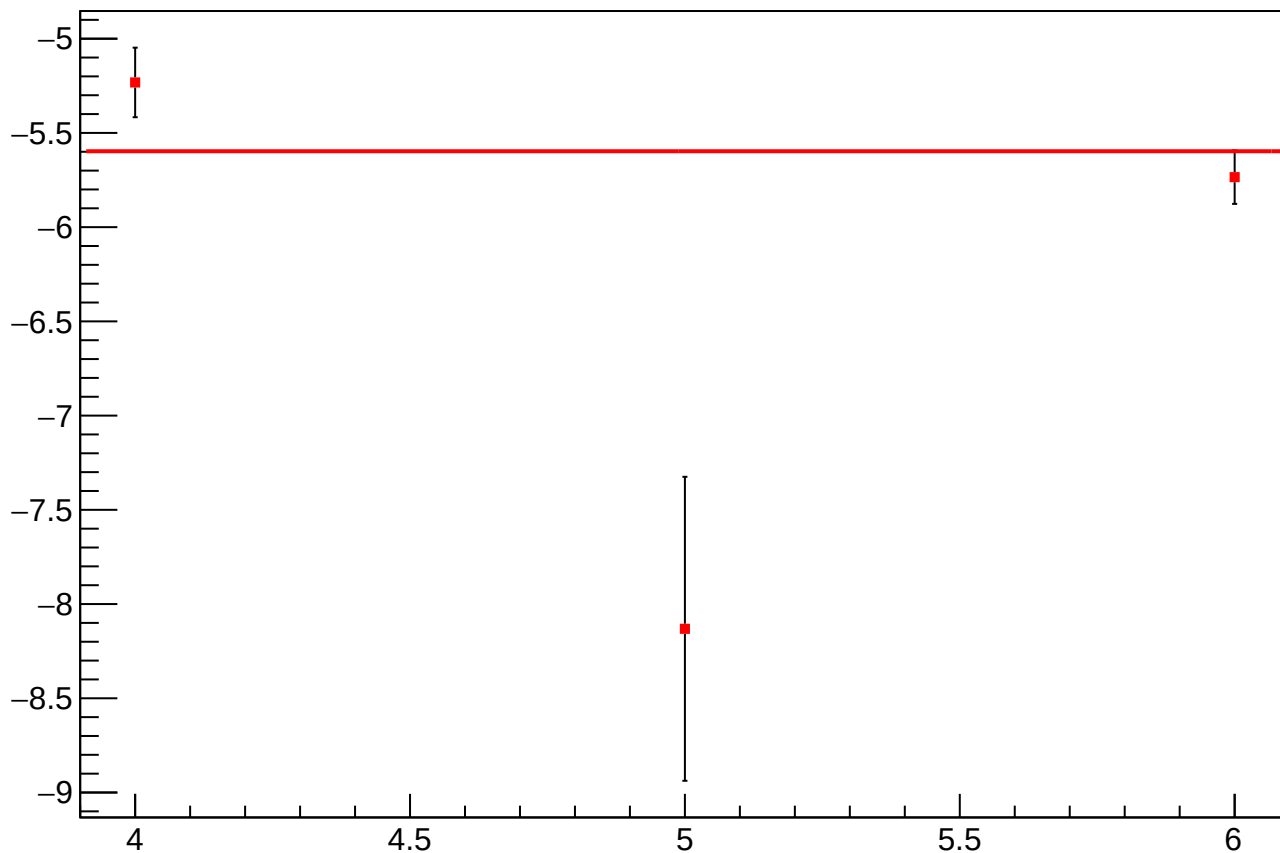
Left Out: 0.674 ± 0.190 $\chi^2/\text{NDF}: 1045.0/15$

-6.428 ± 0.080 $\chi^2/\text{NDF}: 51036.8/63$

Right Out: -21.104 ± 0.132 $\chi^2/\text{NDF}: 24776.5/15$

Left In: 2.485 ± 0.175 $\chi^2/\text{NDF}: 1805.2/16$

reg_asym_ds_dd_diff_bpm12X_slope vs slug



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

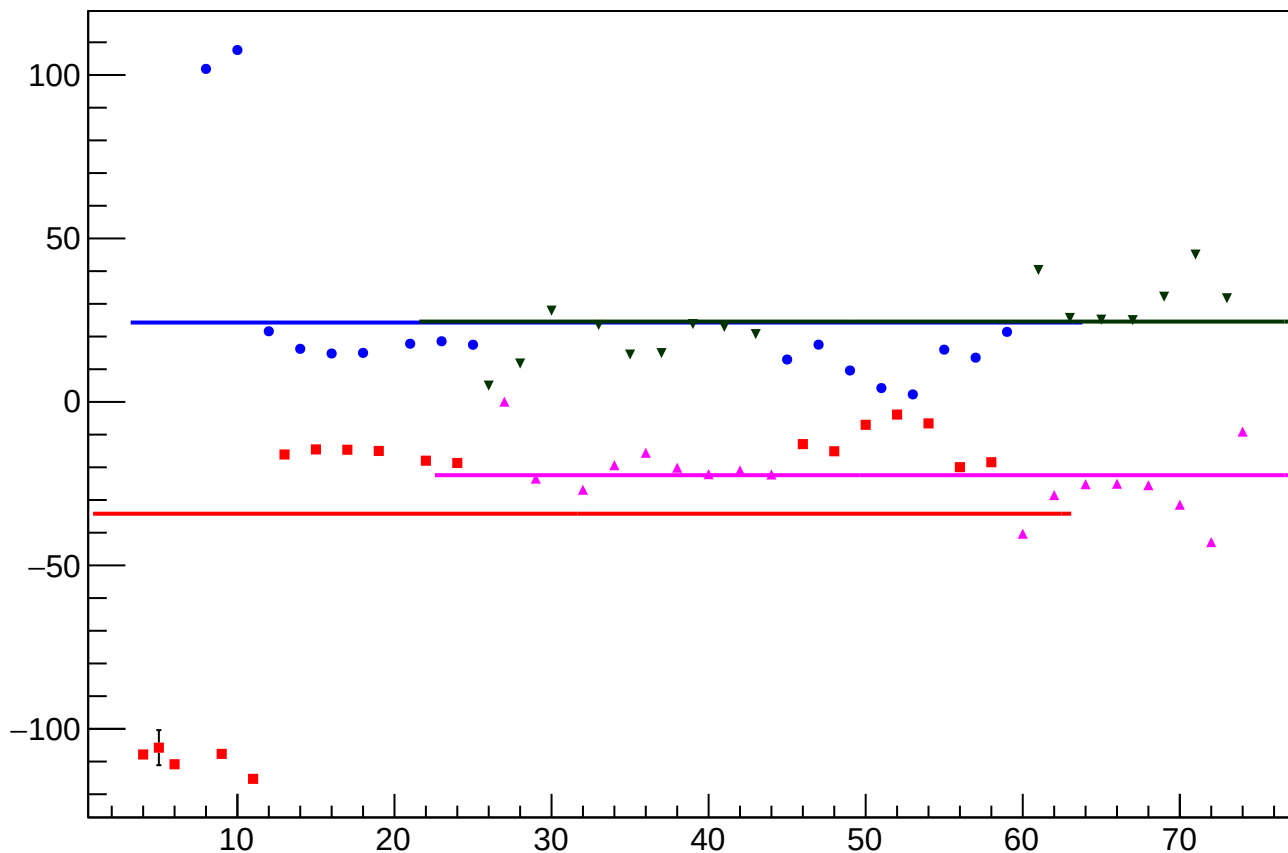
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.597 $\pm$ 0.111 χ^2 /NDF: 14.7/2

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

-5.597 $\pm$ 0.111 χ^2 /NDF: 14.7/2

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 24.280+/-0.163 χ^2/NDF : 33230.6/16

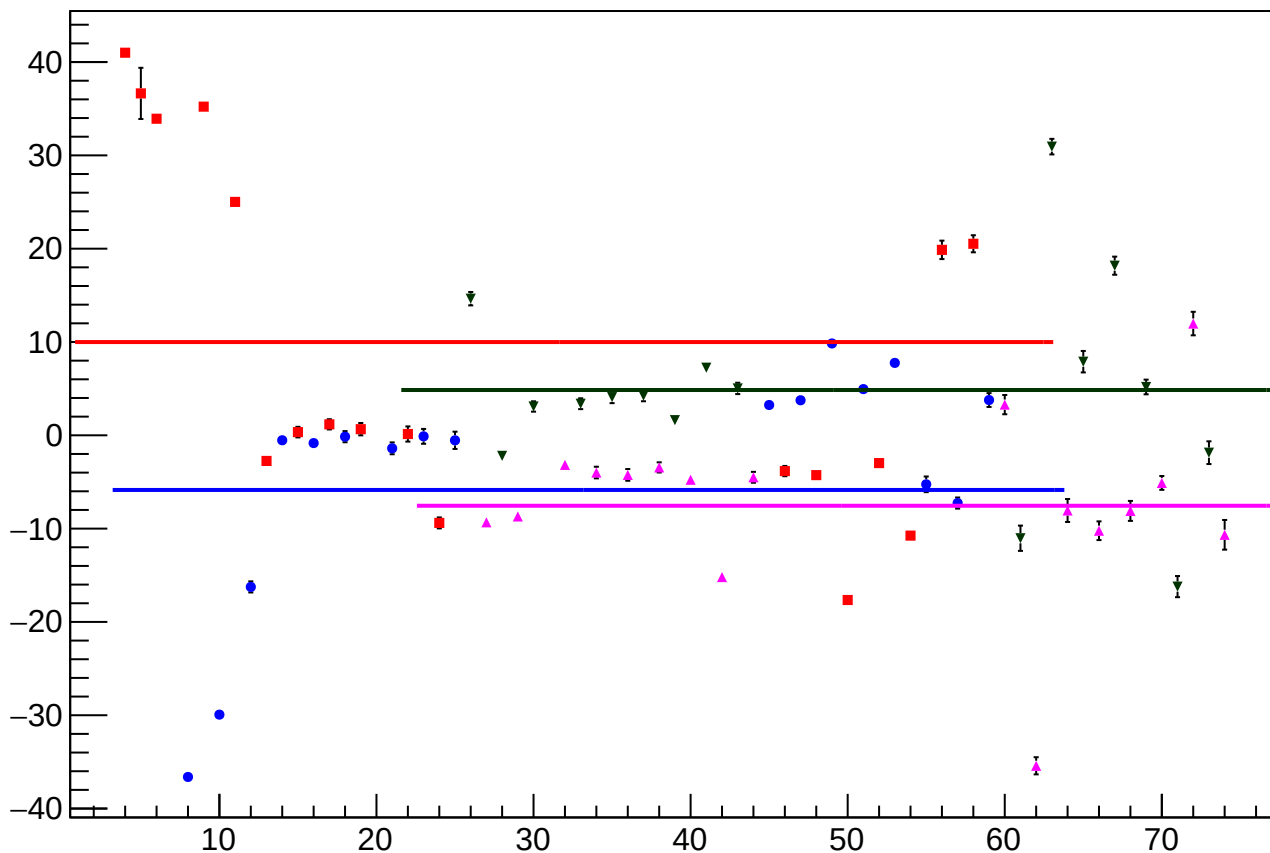
Left Out: 24.576+/-0.191 χ^2/NDF : 2125.7/15

-1.451+/-0.088 χ^2/NDF : 179413.1/67

Right Out: -34.189+/-0.182 χ^2/NDF : 50340.2/17

Left In: -22.412+/-0.174 χ^2/NDF : 3282.3/16

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: -5.857 ± 0.120 $\chi^2/\text{NDF}: 16343.4/16$

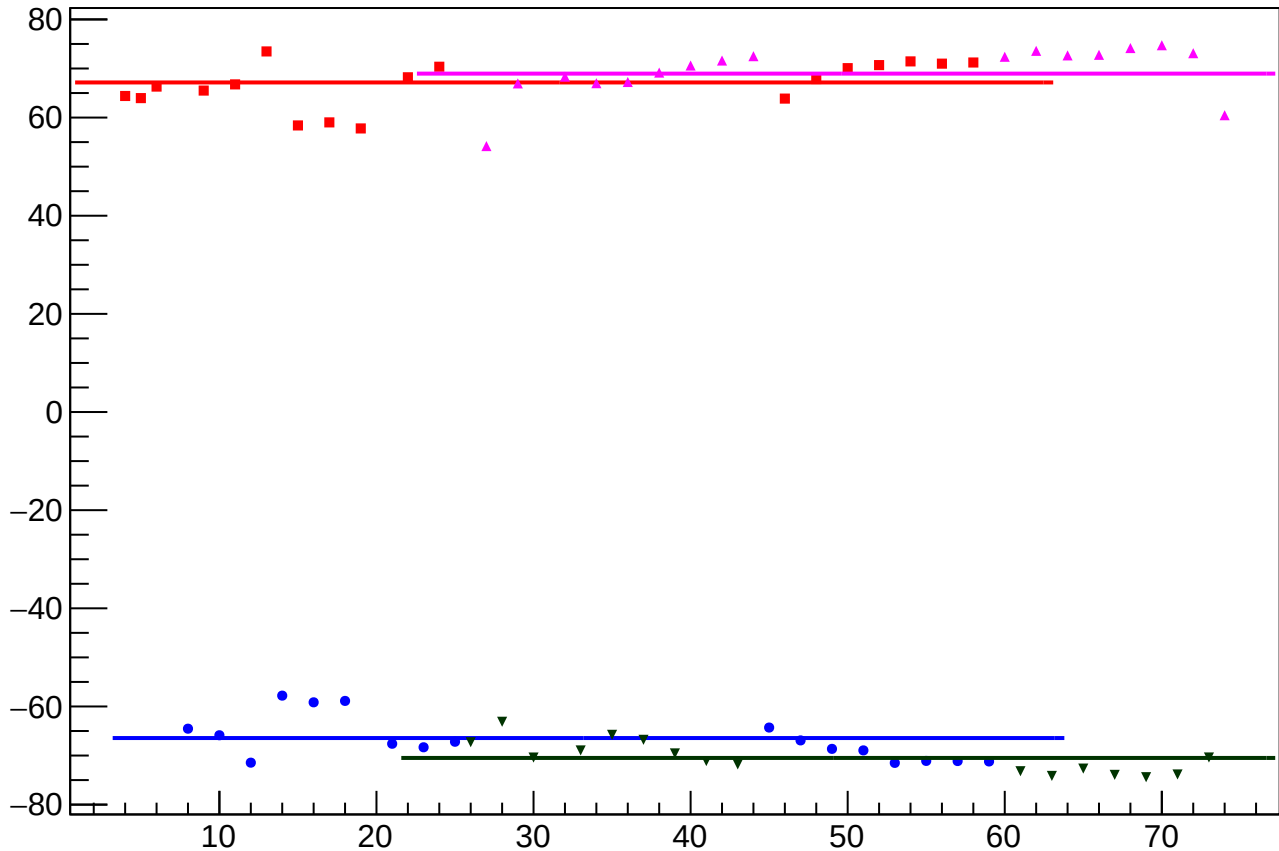
Left Out: 4.853 ± 0.165 $\chi^2/\text{NDF}: 2158.9/15$

Right Out: 9.993 ± 0.119 $\chi^2/\text{NDF}: 23061.3/17$

Left In: -7.550 ± 0.143 $\chi^2/\text{NDF}: 1873.2/16$

0.468 ± 0.067 $\chi^2/\text{NDF}: 56460.7/67$

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -66.434 $\pm$ 0.029 χ^2 /NDF: 22155.6/16

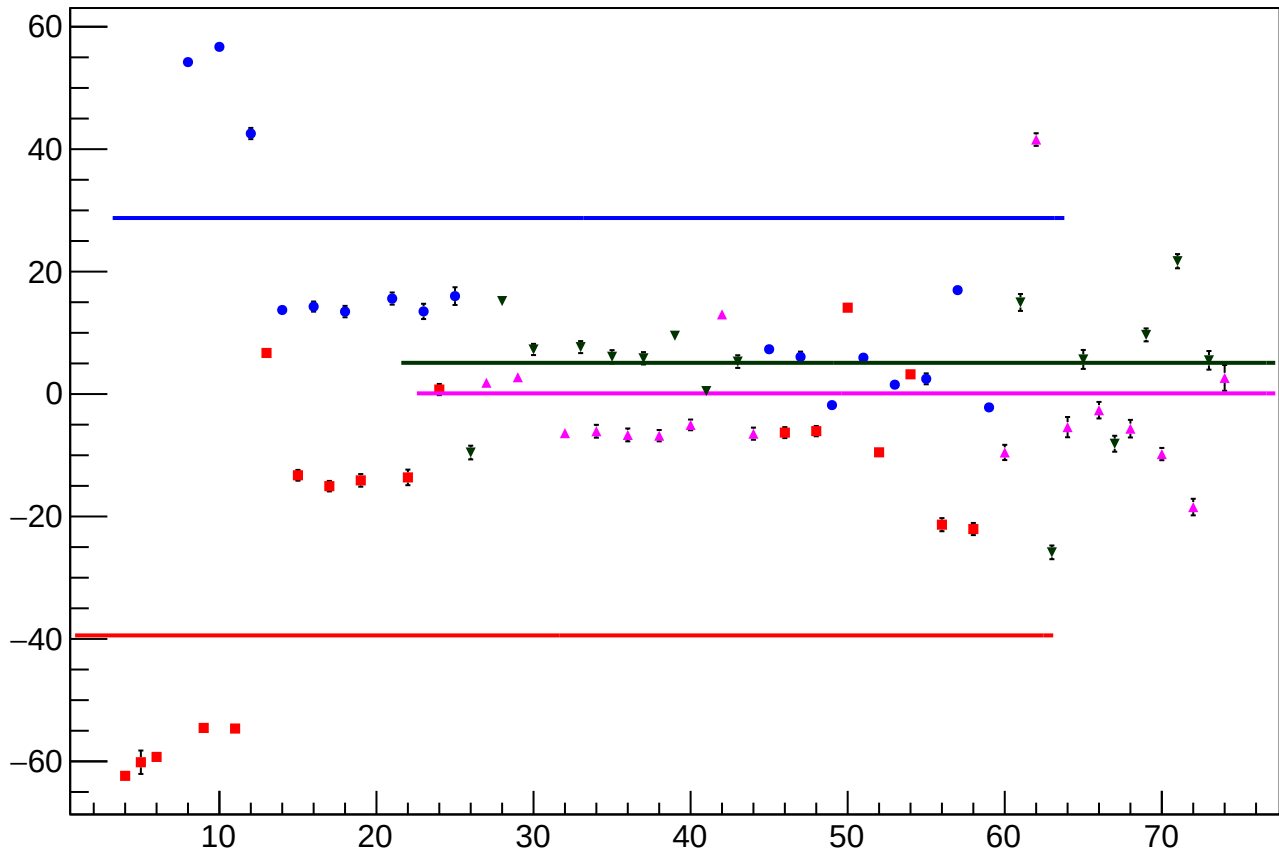
Left Out: -70.488 $\pm$ 0.033 χ^2 /NDF: 9710.6/15

Right Out: 67.156 $\pm$ 0.032 χ^2 /NDF: 18196.5/17

Left In: 68.955 $\pm$ 0.030 χ^2 /NDF: 35792.8/16

-0.501 $\pm$ 0.016 χ^2 /NDF: 19381207.0/67

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 28.753+/-0.160 χ^2 /NDF: 22779.4/16

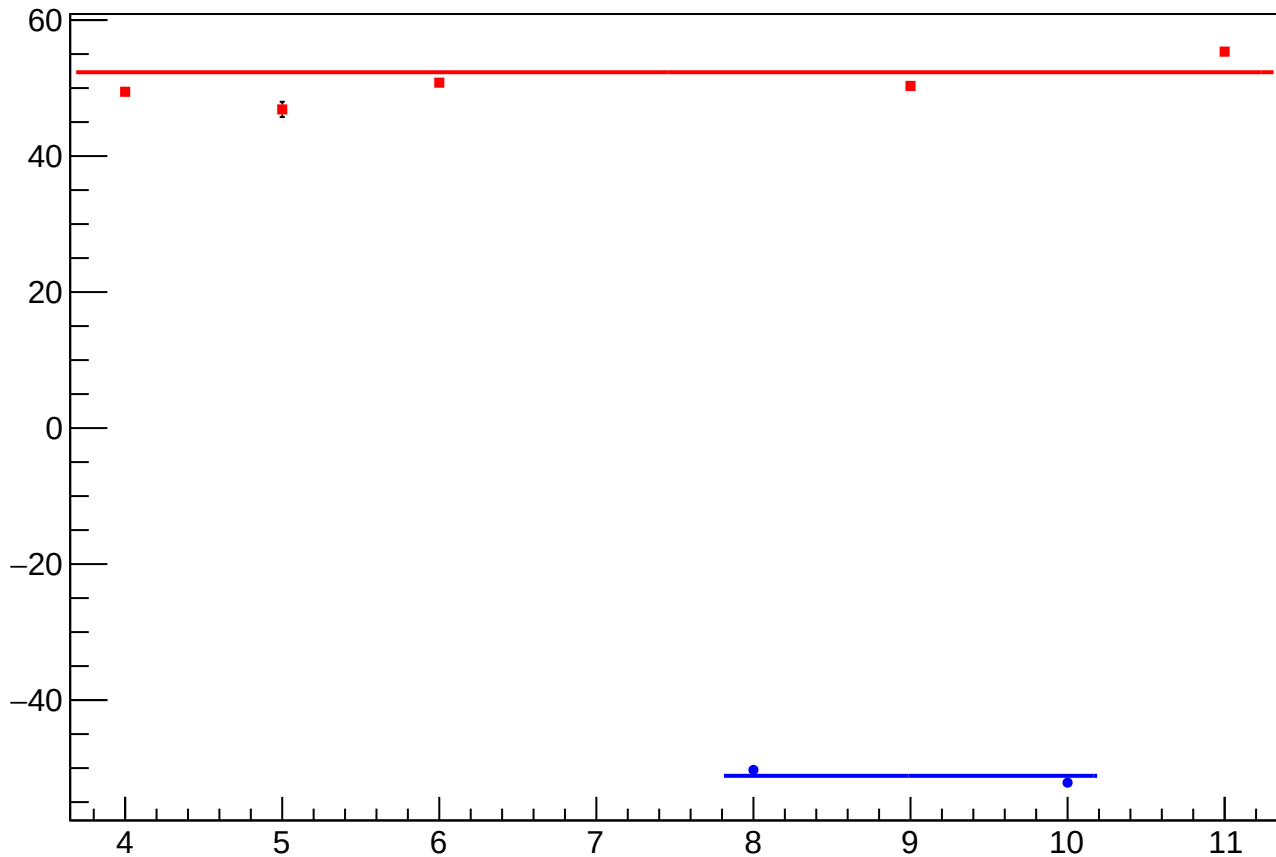
Left Out: 5.101+/-0.256 χ^2 /NDF:1552.7/15

-5.437+/-0.090 χ^2 /NDF: 162799.5/67

Right Out: -39.425+/-0.145 χ^2 /NDF: 32690.4/17

Left In: 0.111+/-0.223 χ^2 /NDF:2604.7/16

reg_asym_left_avg_diff_bpm12X_slope vs slug



Right In: -51.137 $\pm$ 0.112 χ^2 /NDF: 69.7/1

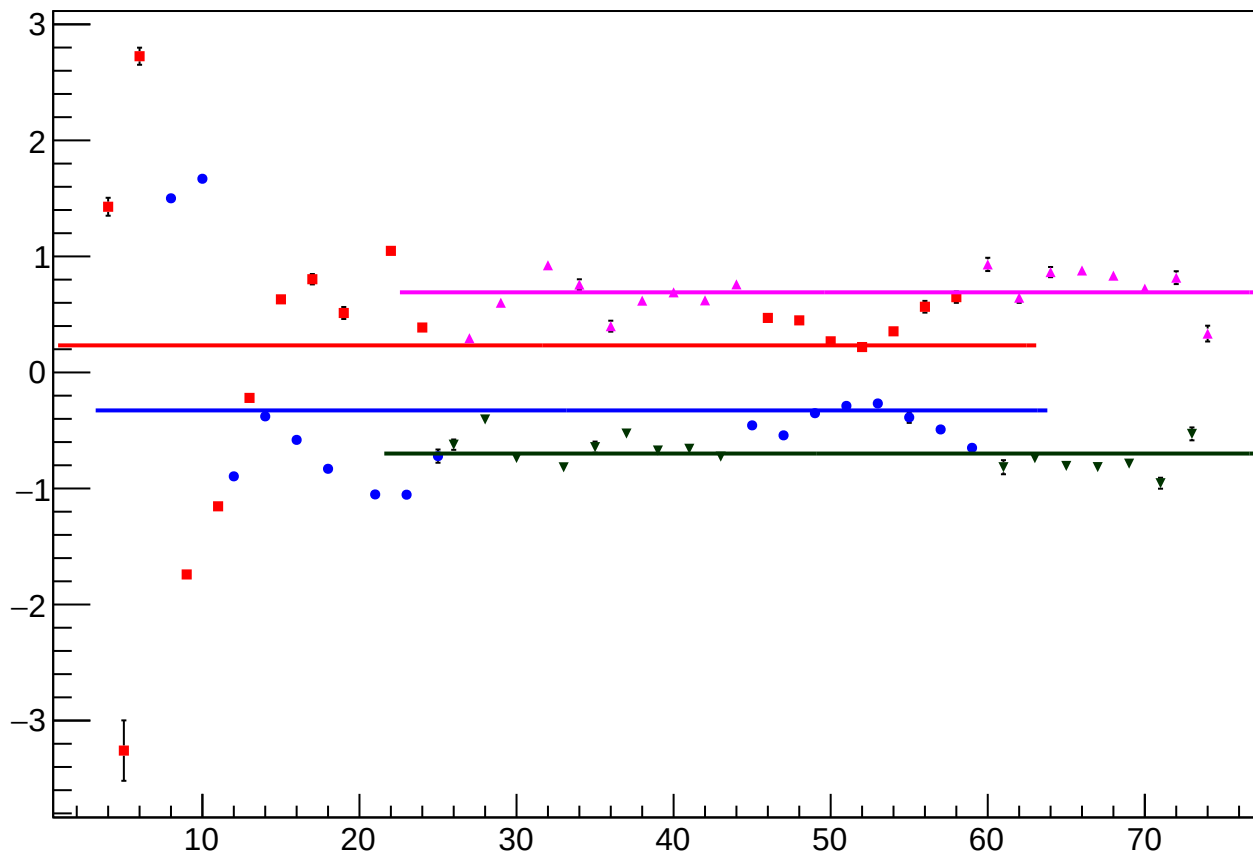
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.698 $\pm$ 0.070 χ^2 /NDF: 519908.2/6

Right Out: 52.330 $\pm$ 0.090 χ^2 /NDF: 798.4/4

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

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.327+/-0.009 χ^2/NDF : 6740.5/16

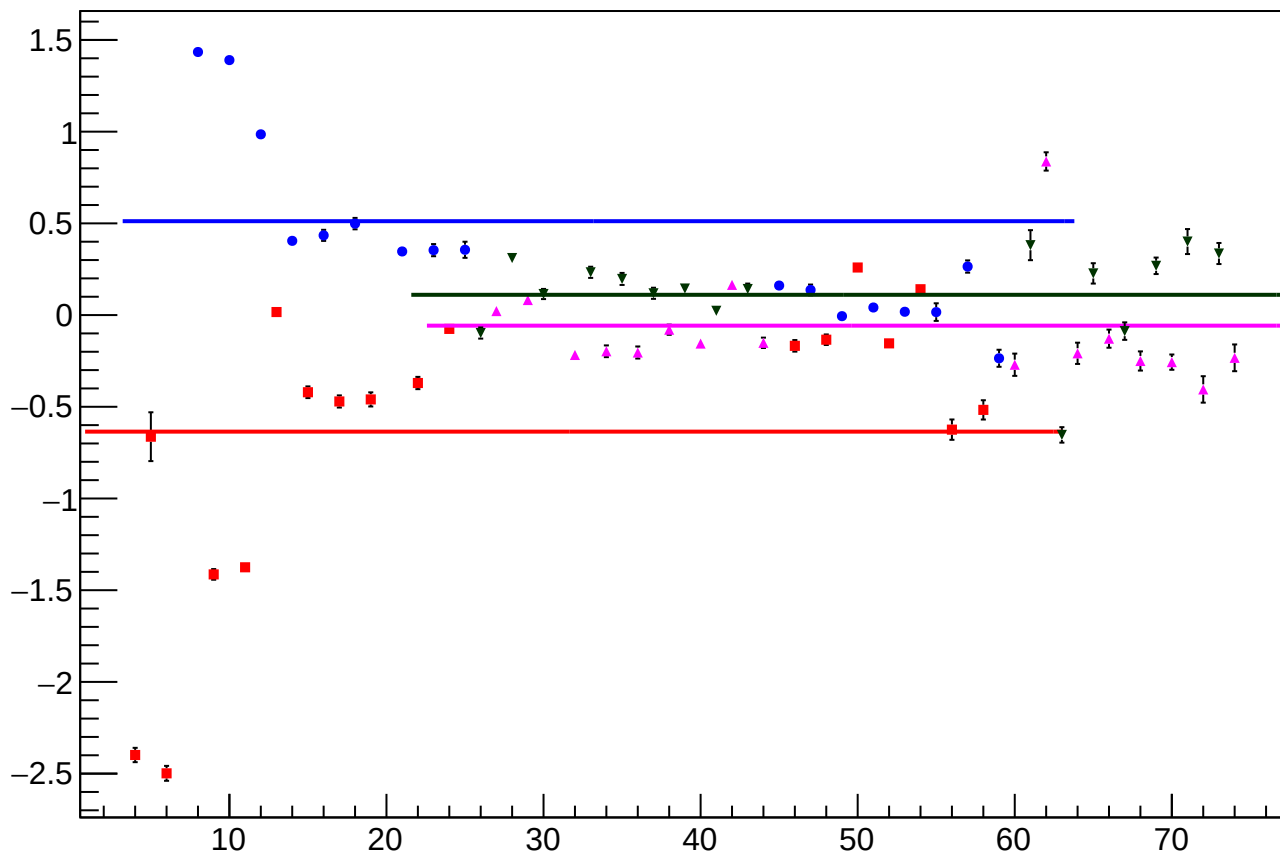
Left Out: -0.699+/-0.010 χ^2/NDF : 168.6/15

Right Out: 0.233+/-0.010 χ^2/NDF : 6356.2/17

Left In: 0.690+/-0.009 χ^2/NDF : 381.4/16

-0.023+/-0.005 χ^2/NDF : 26231.5/67

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.512 ± 0.006 χ^2/NDF : 6943.1/16

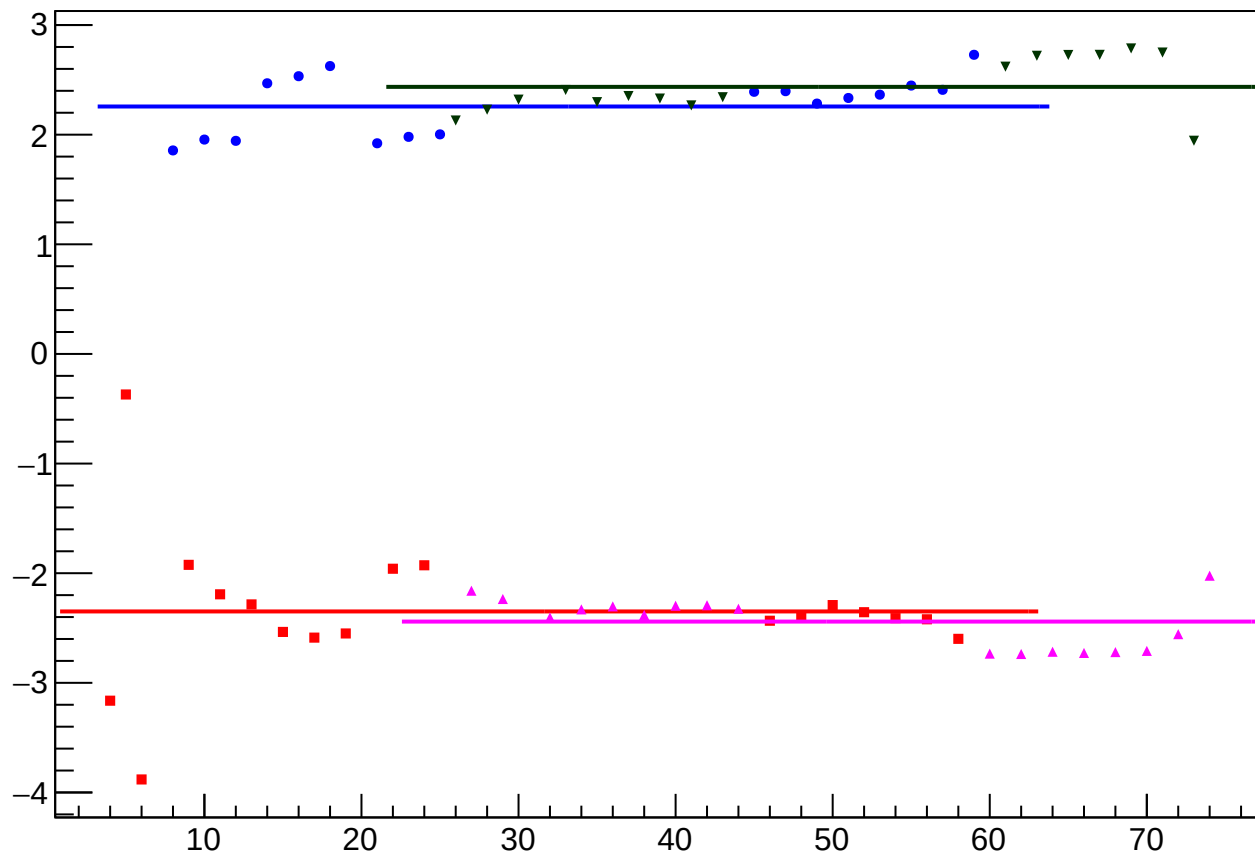
Left Out: 0.110 ± 0.008 χ^2/NDF : 550.3/15

Right Out: -0.635 ± 0.007 χ^2/NDF : 12718.8/17

Left In: -0.058 ± 0.008 χ^2/NDF : 662.3/16

-0.018 ± 0.004 χ^2/NDF : 36796.9/67

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.257 $\pm$ 0.002 χ^2 /NDF: 26160.8/16

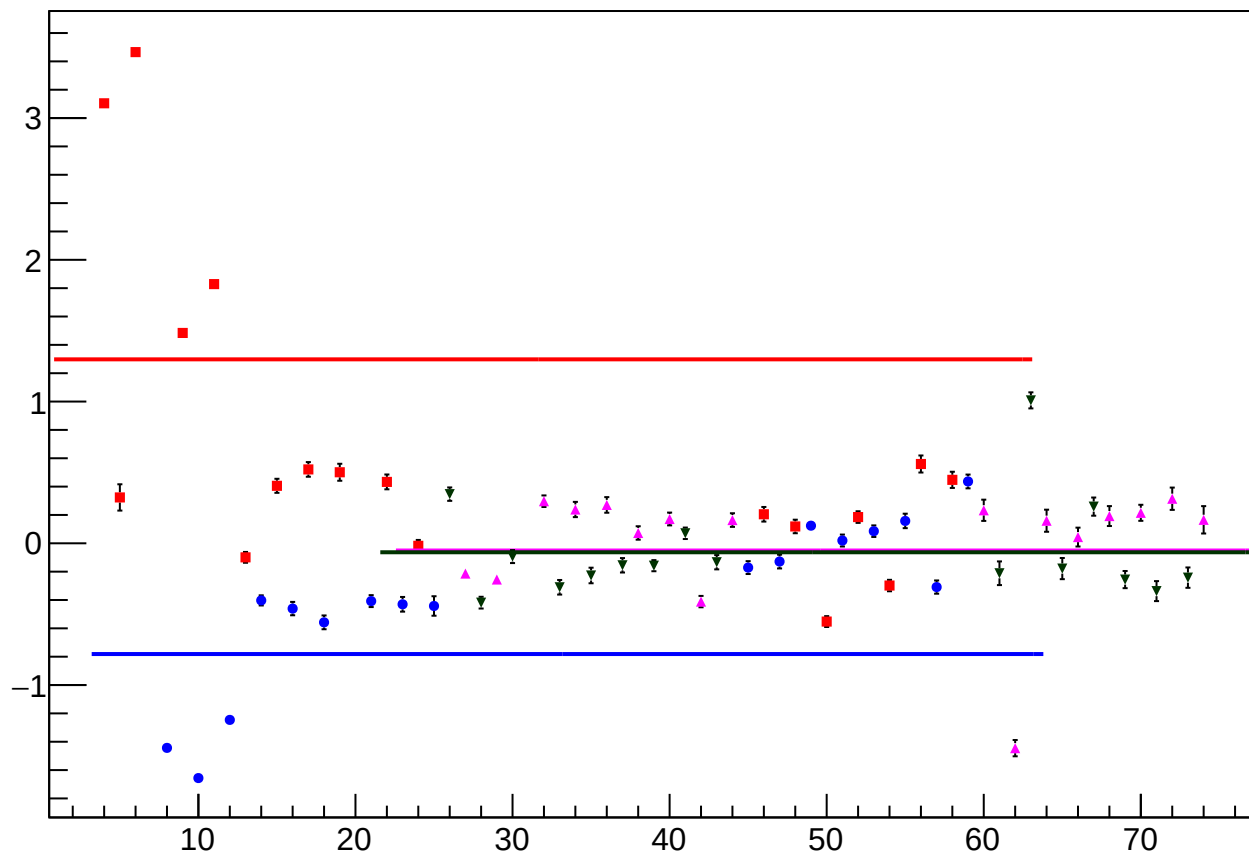
Left Out: 2.436 $\pm$ 0.002 χ^2 /NDF:17461.1/15

Right Out: -2.349 $\pm$ 0.002 χ^2 /NDF: 36308.3/17

Left In: -2.441 $\pm$ 0.002 χ^2 /NDF:16845.3/16

0.038 $\pm$ 0.001 χ^2 /NDF: 8408292.3/67

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.781 ± 0.009 χ^2/NDF : 6850.5/16

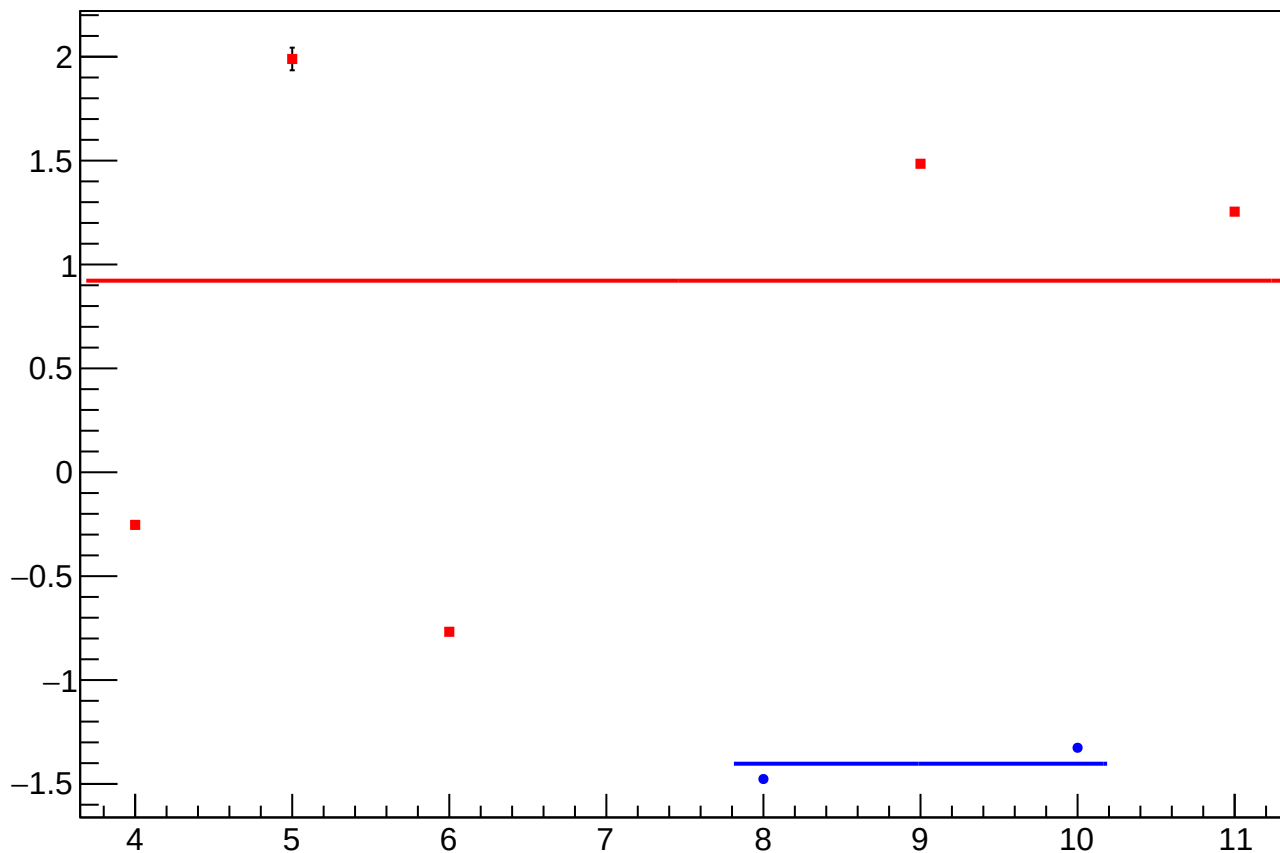
Left Out: -0.063 ± 0.013 χ^2/NDF : 623.0/15

Right Out: 1.298 ± 0.009 χ^2/NDF : 21131.2/17

Left In: -0.051 ± 0.012 χ^2/NDF : 1005.9/16

0.160 ± 0.005 χ^2/NDF : 59586.8/67

reg_asym_left_dd_diff_bpm12X_slope vs slug



Right In: -1.403+/-0.006 χ^2/NDF : 150.6/1

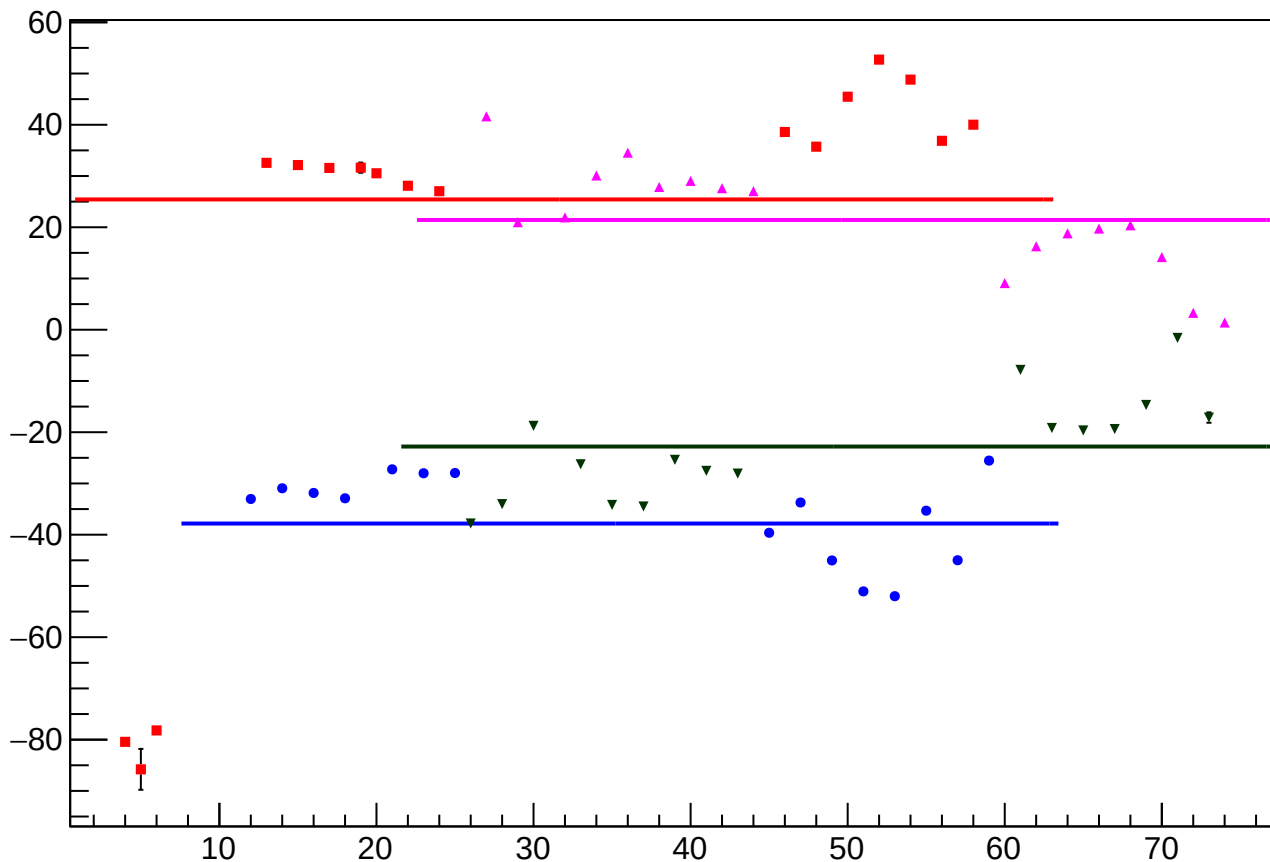
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.922+/-0.006 χ^2/NDF : 21877.8/4

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

-0.118+/-0.004 χ^2/NDF : 101606.9/6

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -37.823 ± 0.150 $\chi^2/\text{NDF}: 3224.2/14$

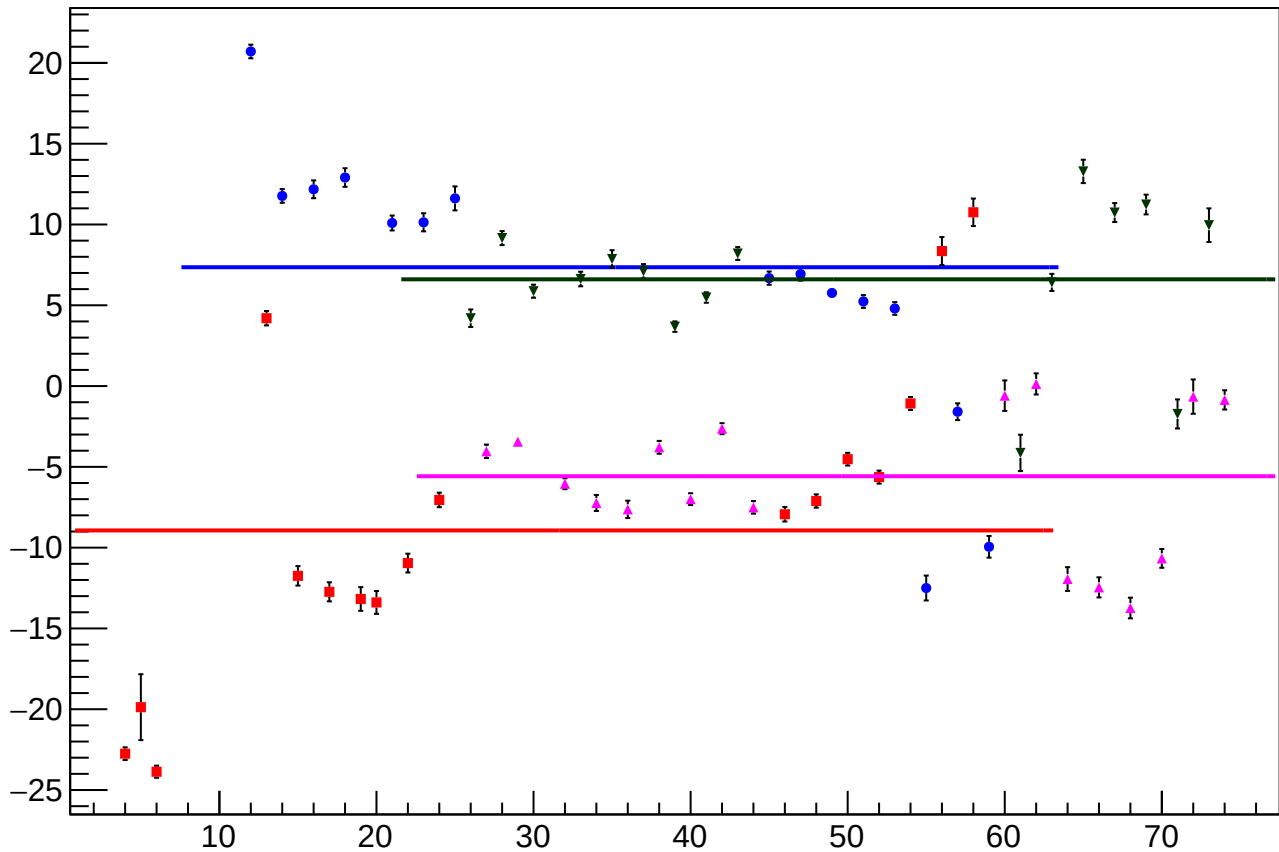
Left Out: -22.796 ± 0.139 $\chi^2/\text{NDF}: 3625.0/15$

Right Out: 25.426 ± 0.167 $\chi^2/\text{NDF}: 49112.5/16$

Left In: 21.422 ± 0.128 $\chi^2/\text{NDF}: 4606.4/16$

-3.348 ± 0.072 $\chi^2/\text{NDF}: 199597.1/64$

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 7.354 ± 0.118 χ^2/NDF : 3102.2/14

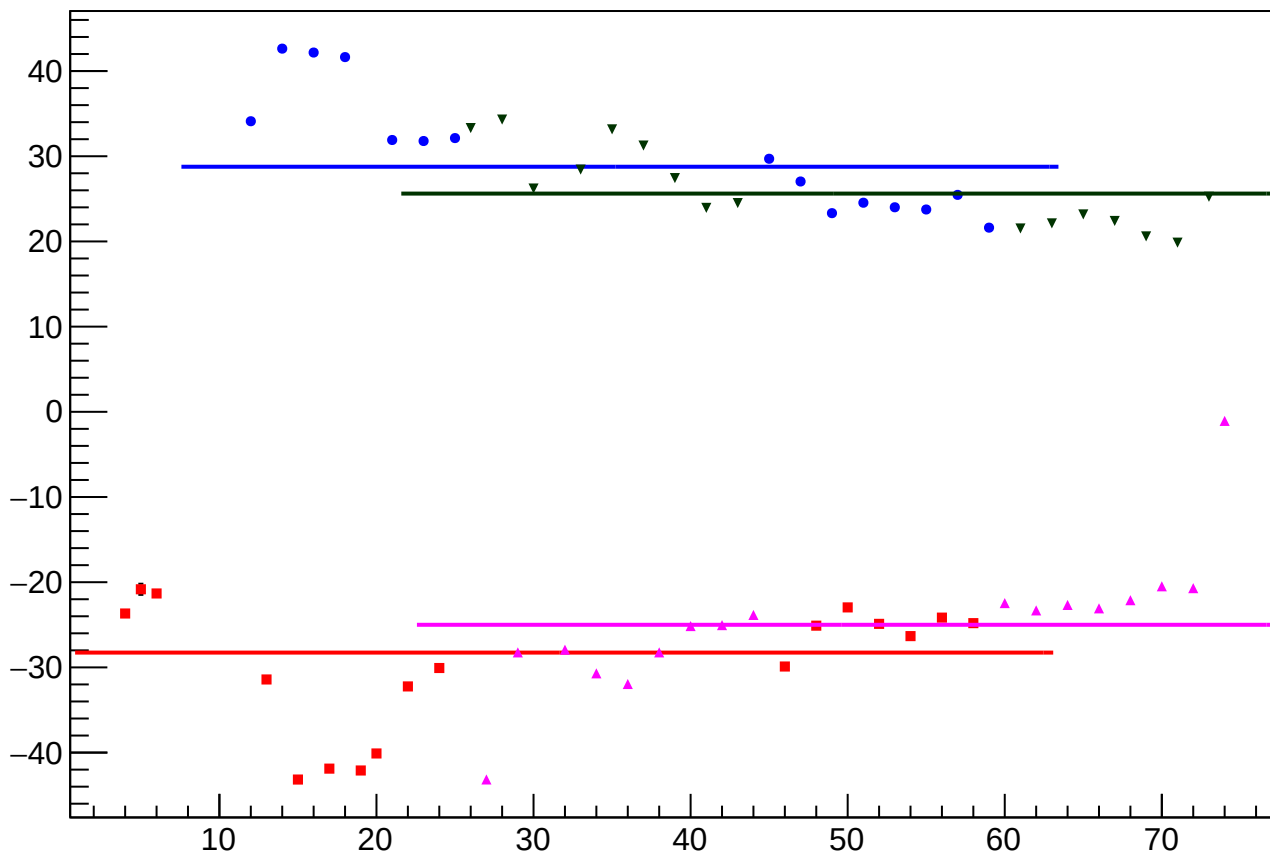
Left Out: 6.606 ± 0.122 χ^2/NDF : 554.0/15

Right Out: -8.935 ± 0.121 χ^2/NDF : 5416.5/16

Left In: -5.581 ± 0.112 χ^2/NDF : 851.0/16

-0.271 ± 0.059 χ^2/NDF : 24691.3/64

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 28.768 $\pm$ 0.027 χ^2 /NDF: 53284.3/14

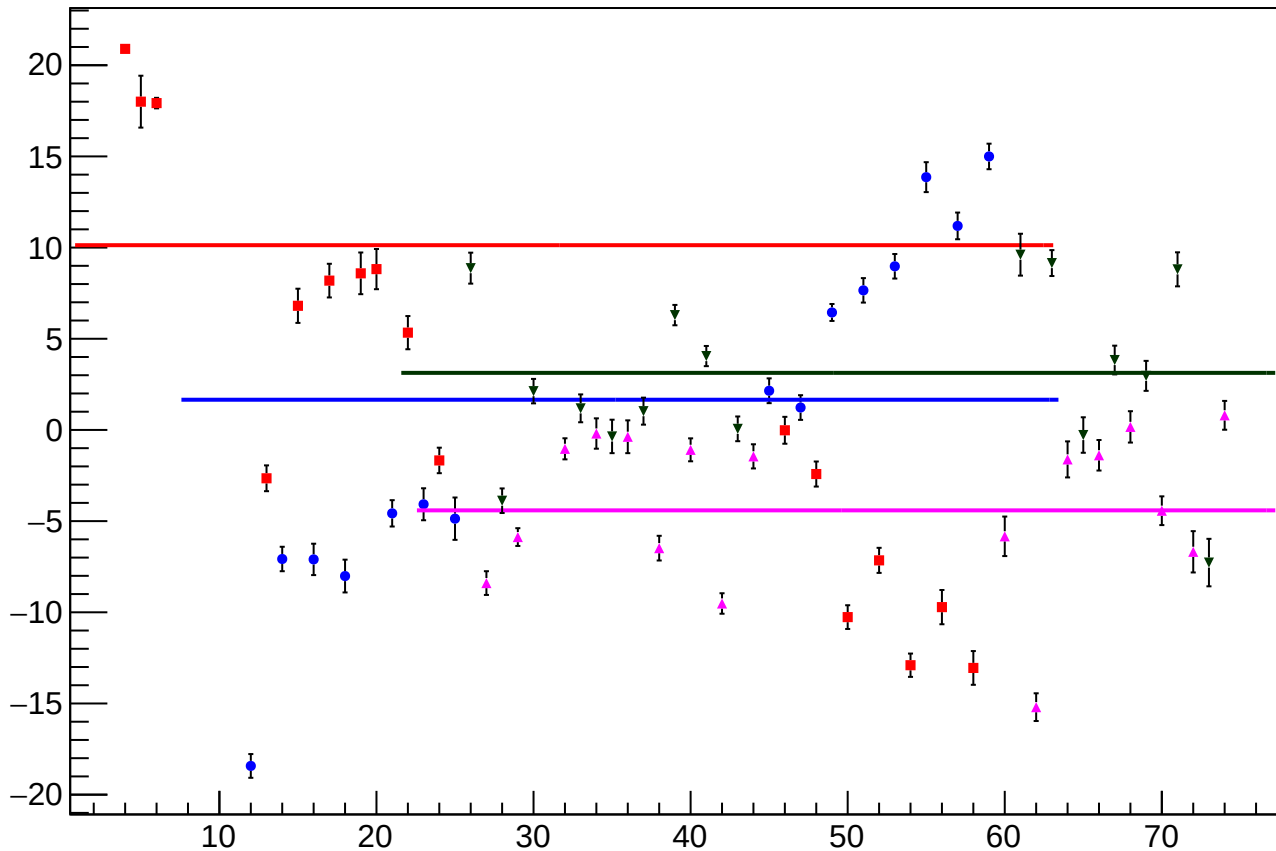
Left Out: 25.617 $\pm$ 0.024 χ^2 /NDF: 30478.0/15

0.203 $\pm$ 0.013 χ^2 /NDF: 4665012.1/64

Right Out: -28.263 $\pm$ 0.029 χ^2 /NDF: 41539.8/16

Left In: -24.999 $\pm$ 0.022 χ^2 /NDF: 78303.2/16

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 1.657 ± 0.183 χ^2/NDF : 2548.0/14

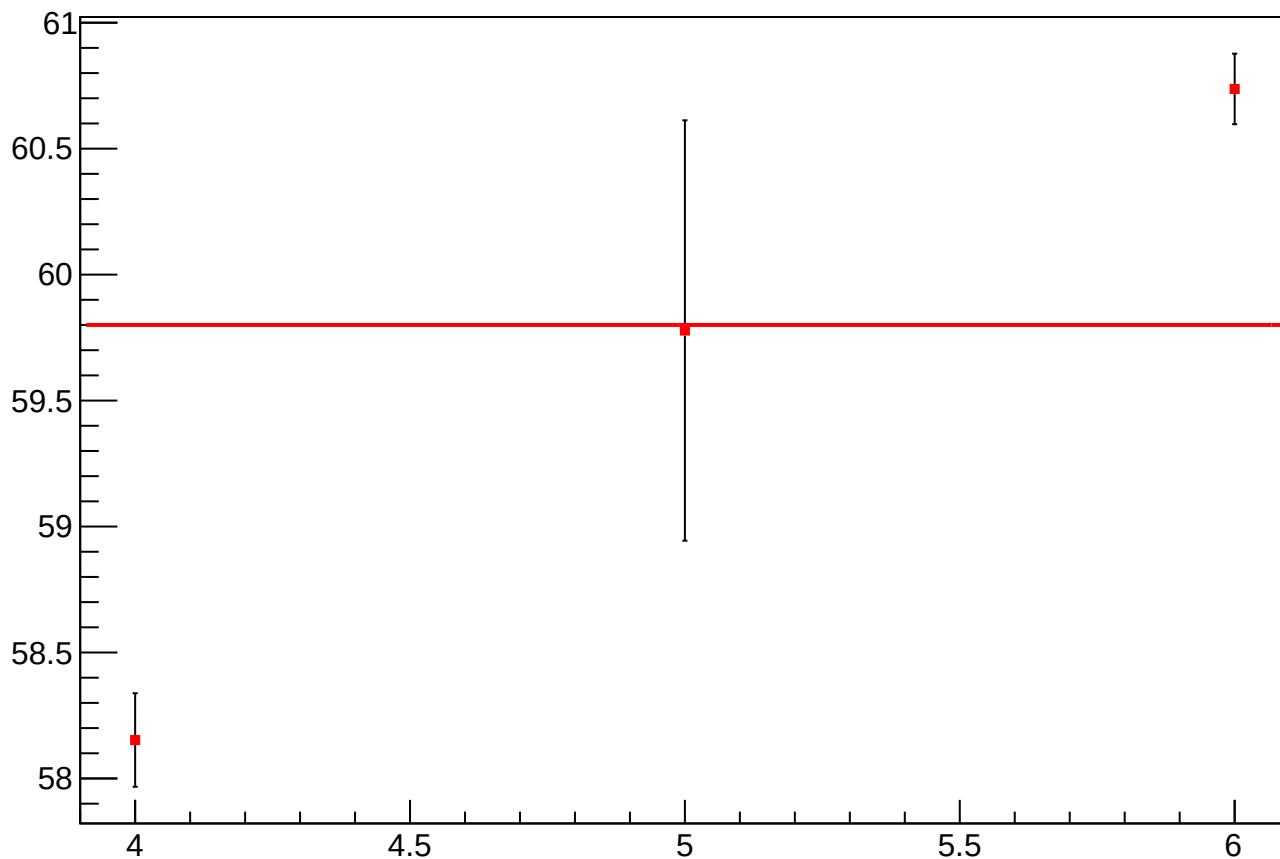
Left Out: 3.130 ± 0.190 χ^2/NDF : 458.2/15

3.714 ± 0.083 χ^2/NDF : 16186.1/64

Right Out: 10.131 ± 0.137 χ^2/NDF : 8106.1/16

Left In: -4.410 ± 0.175 χ^2/NDF : 566.5/16

reg_asym_right_avg_diff_bpm12X_slope vs slug



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

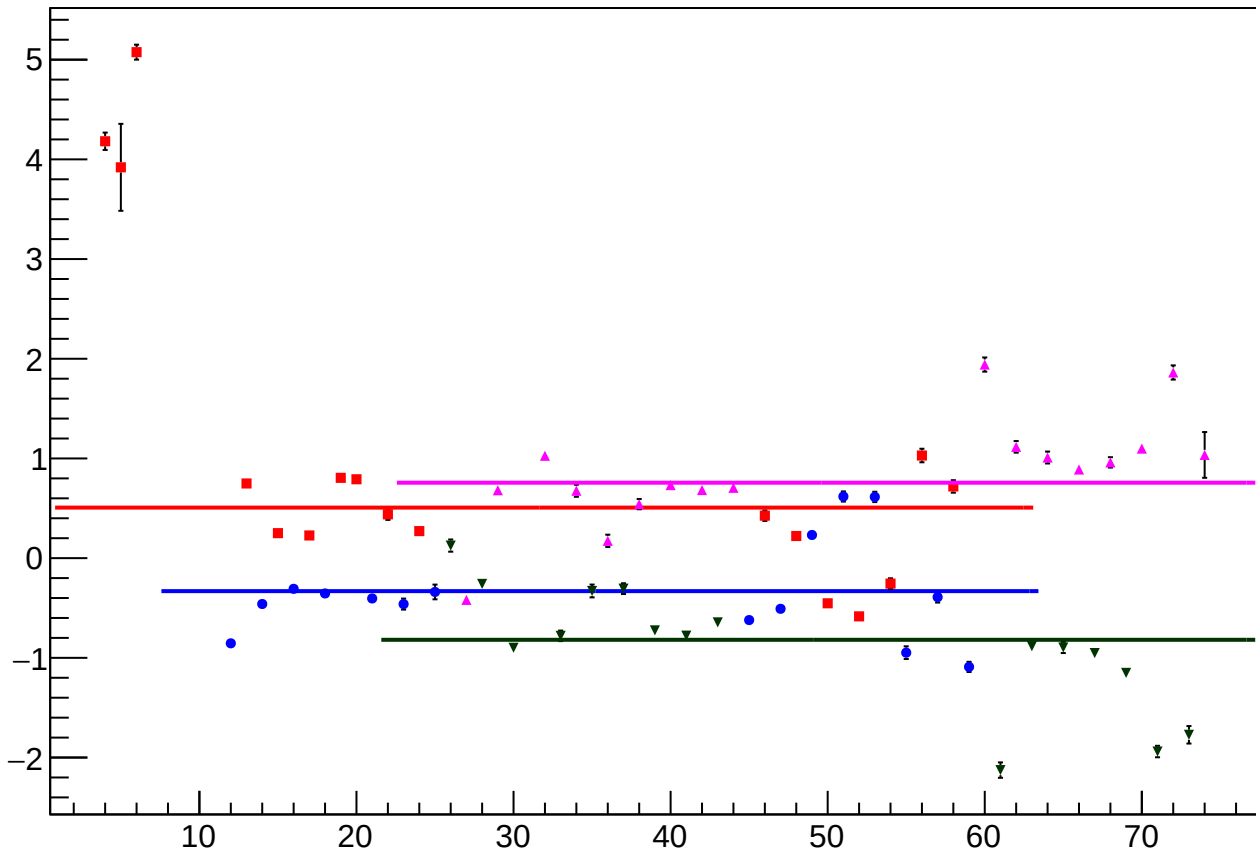
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 59.800 +/- 0.111 χ^2/NDF : 123.5/2

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

59.800 +/- 0.111 χ^2/NDF : 123.5/2

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.331 ± 0.011 χ^2/NDF : 1572.9/14

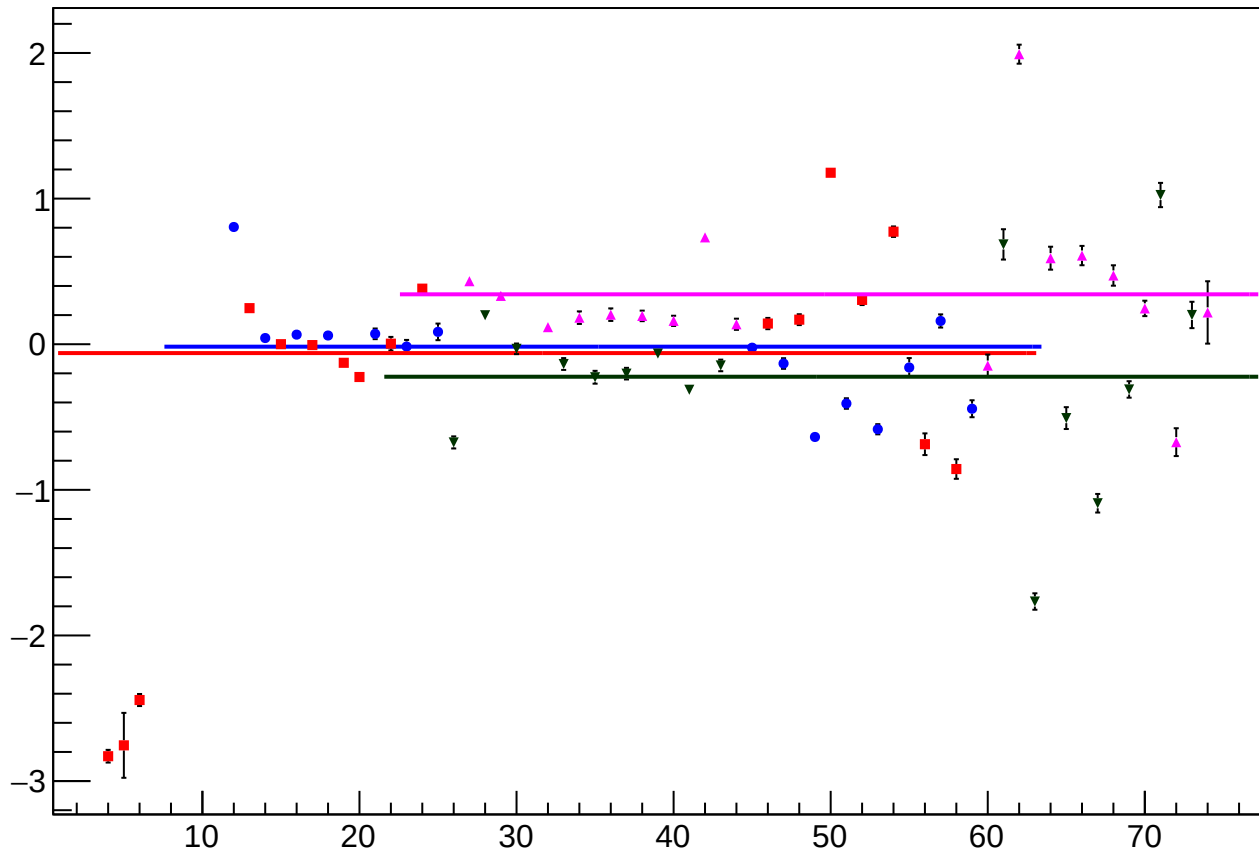
Left Out: -0.819 ± 0.013 χ^2/NDF : 1416.8/15

Right Out: 0.507 ± 0.012 χ^2/NDF : 7047.0/16

Left In: 0.757 ± 0.012 χ^2/NDF : 1736.7/16

0.033 ± 0.006 χ^2/NDF : 22388.8/64

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.017 ± 0.008 χ^2/NDF : 2108.8/14

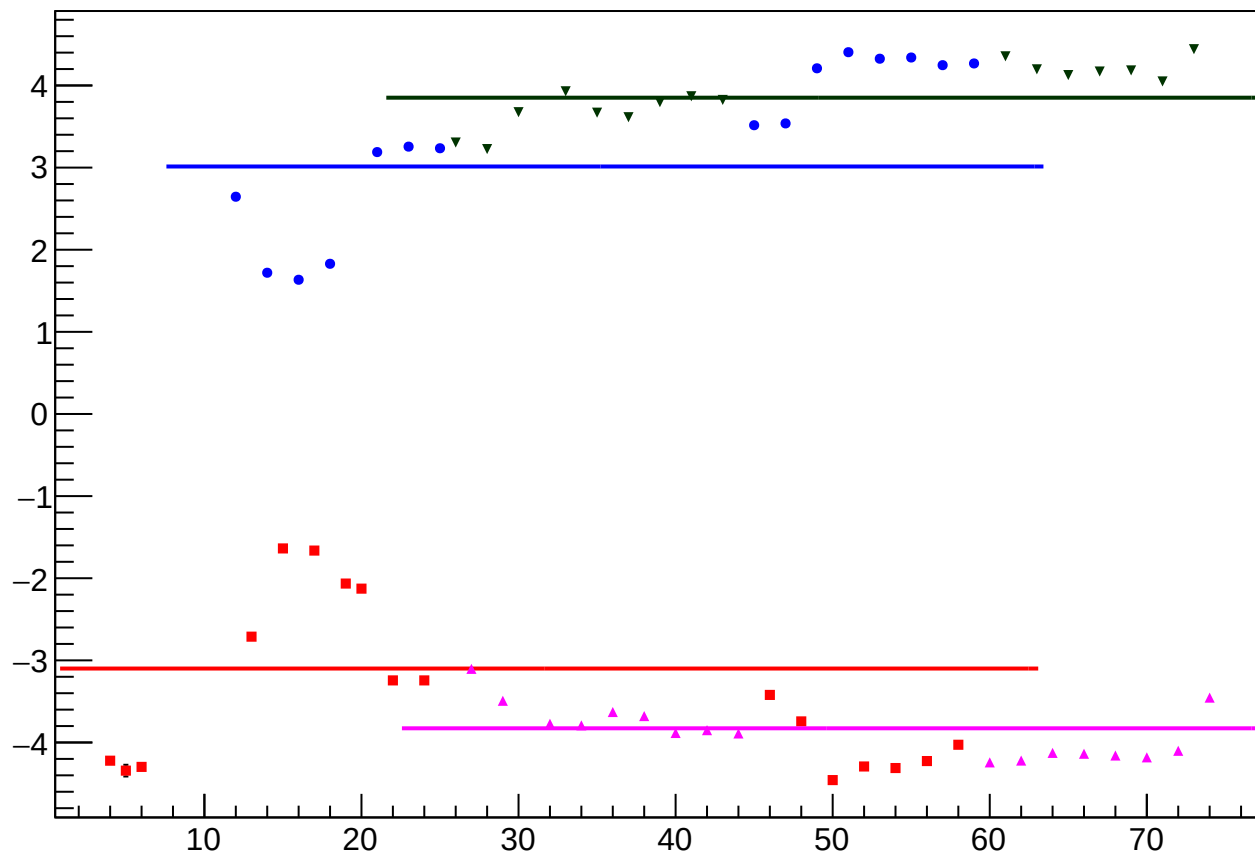
Left Out: -0.223 ± 0.011 χ^2/NDF : 1624.4/15

Right Out: -0.061 ± 0.009 χ^2/NDF : 10069.0/16

Left In: 0.343 ± 0.010 χ^2/NDF : 1136.0/16

0.012 ± 0.005 χ^2/NDF : 16559.2/64

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.013+/-0.002 χ^2/NDF : 294241.6/14

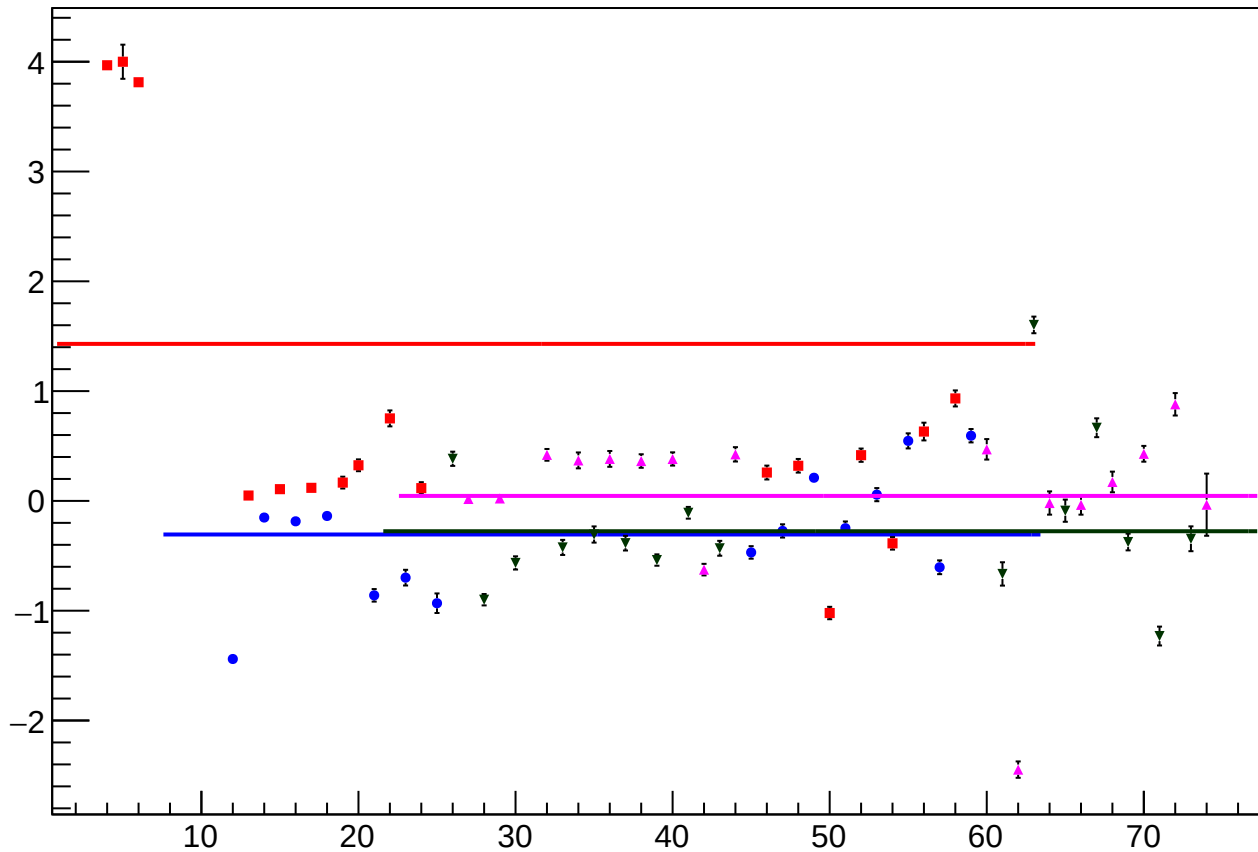
Left Out: 3.851+/-0.002 χ^2/NDF :19377.1/15

Right Out: -3.100+/-0.002 χ^2/NDF : 227111.6/16

Left In: -3.827+/-0.002 χ^2/NDF :23177.0/16

0.022+/-0.001 χ^2/NDF : 11274495.8/64

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.306 ± 0.013 χ^2/NDF : 1653.0/14

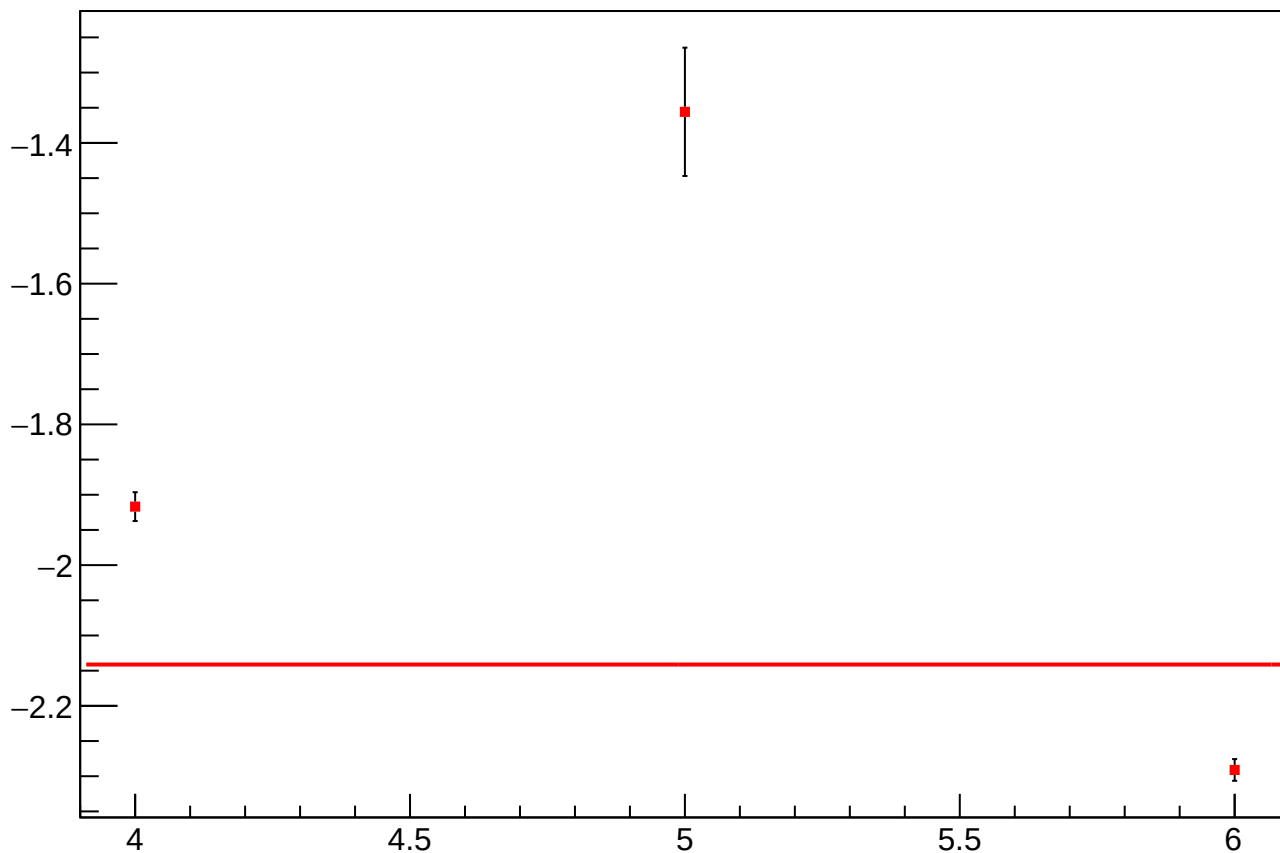
Left Out: -0.276 ± 0.017 χ^2/NDF : 1198.3/15

Right Out: 1.430 ± 0.012 χ^2/NDF : 24645.0/16

Left In: 0.046 ± 0.016 χ^2/NDF : 1581.5/16

0.379 ± 0.007 χ^2/NDF : 42015.6/64

reg_asym_right_dd_diff_bpm12X_slope vs slug



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

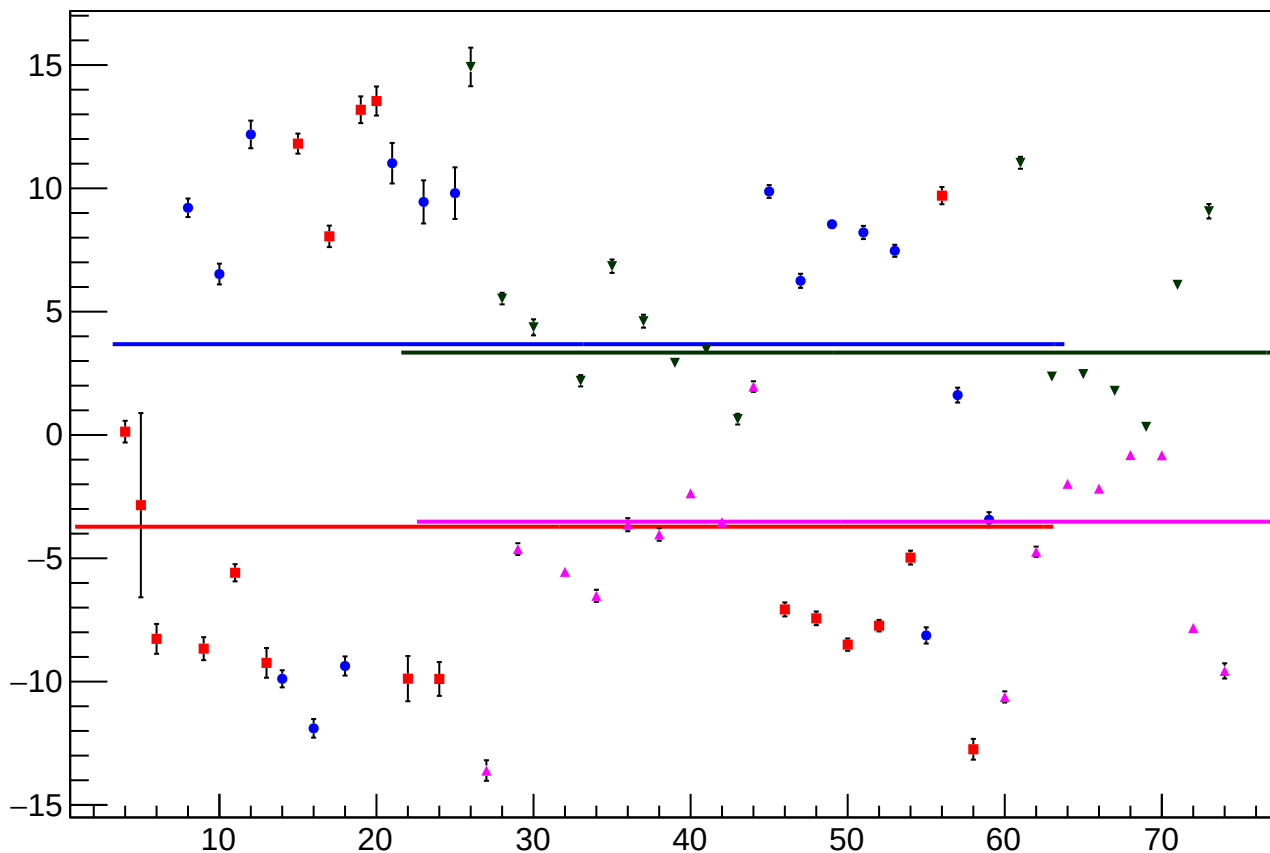
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.141+/-0.012 χ^2/NDF : 288.4/2

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

-2.141+/-0.012 χ^2/NDF : 288.4/2

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 3.682 $\pm$ 0.078 χ^2 /NDF: 8836.4/16

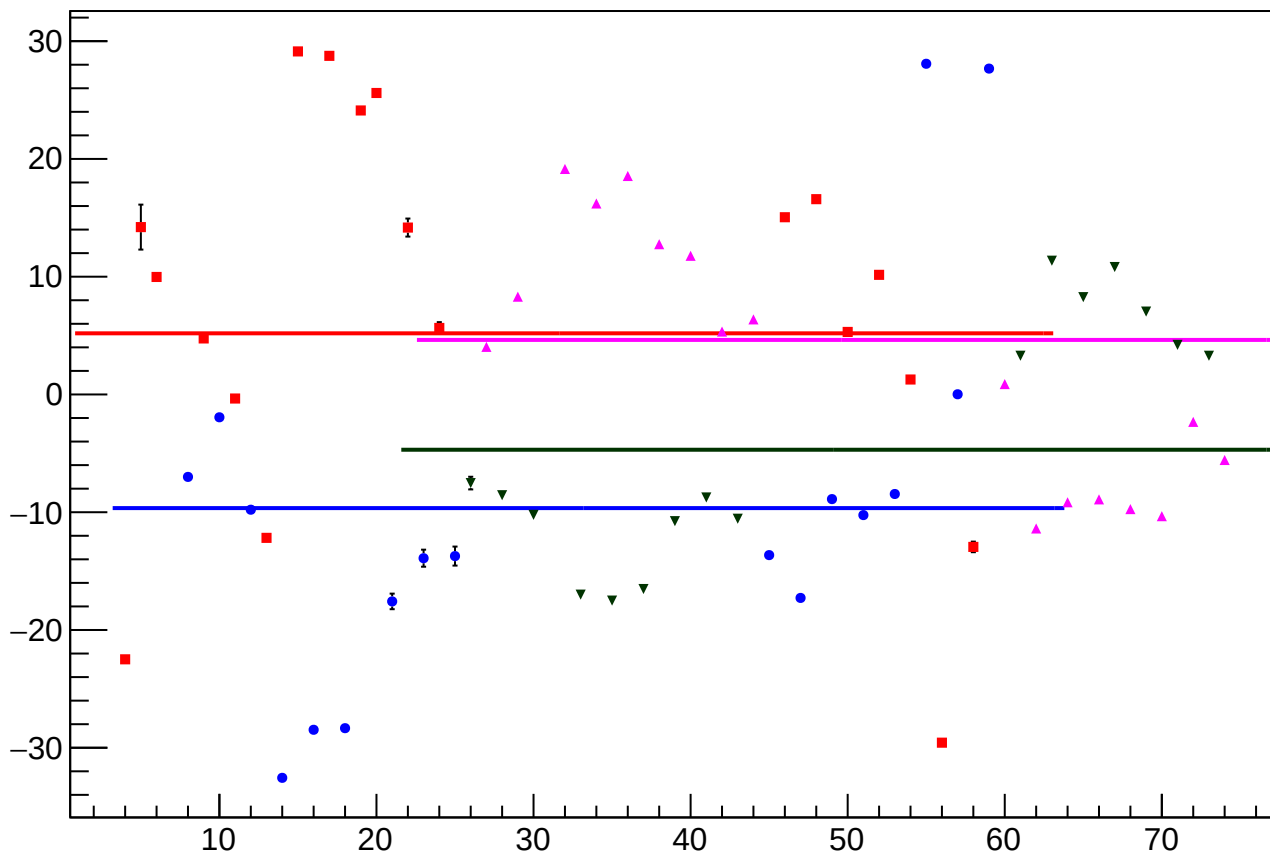
Left Out: 3.341 $\pm$ 0.047 χ^2 /NDF: 3532.4/15

Right Out: -3.719 $\pm$ 0.088 χ^2 /NDF: 7435.3/18

Left In: -3.514 $\pm$ 0.047 χ^2 /NDF: 4772.0/16

-0.013 $\pm$ 0.029 χ^2 /NDF: 39201.3/68

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -9.650 ± 0.059 $\chi^2/\text{NDF}: 45177.4/16$

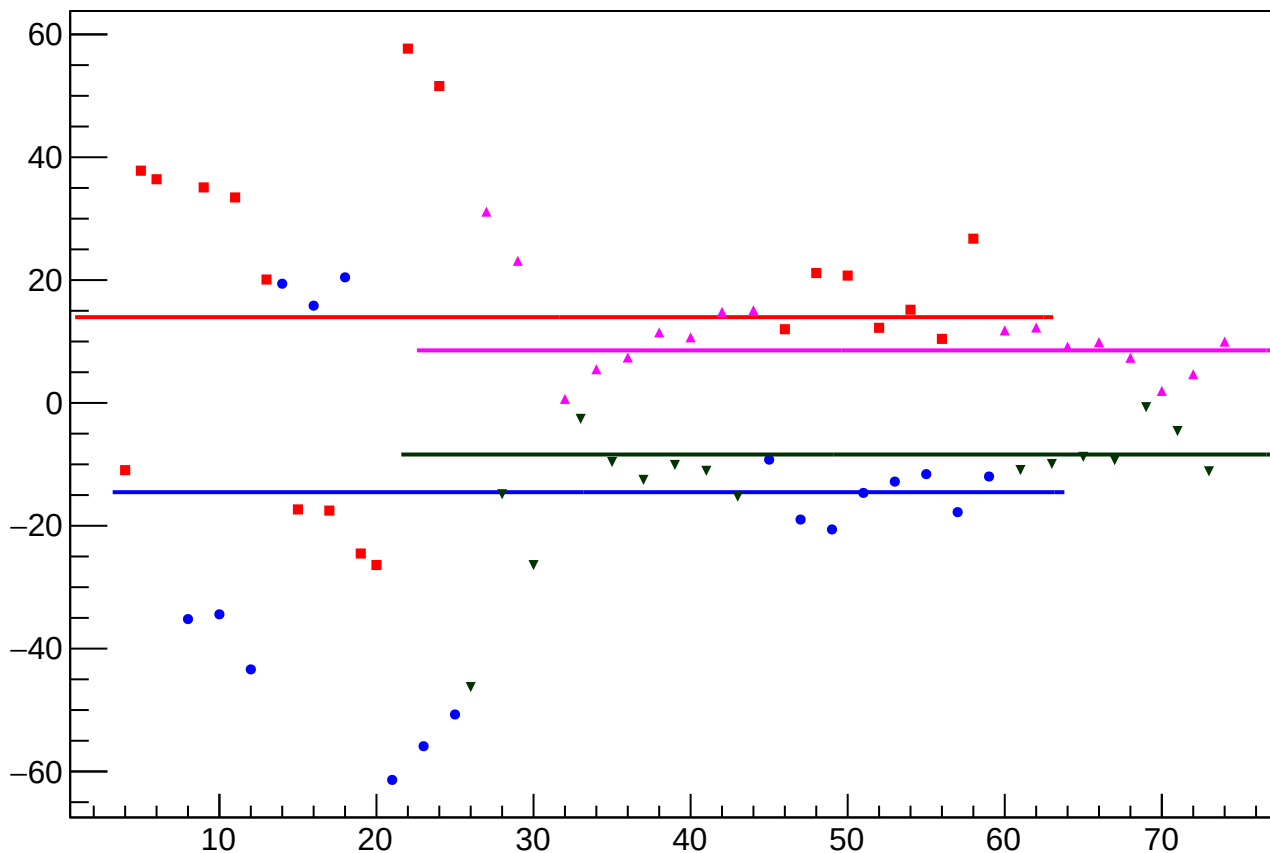
Left Out: -4.694 ± 0.047 $\chi^2/\text{NDF}: 44866.1/15$

Right Out: 5.191 ± 0.060 $\chi^2/\text{NDF}: 50062.0/18$

Left In: 4.631 ± 0.045 $\chi^2/\text{NDF}: 53925.3/16$

-0.801 ± 0.026 $\chi^2/\text{NDF}: 247872.7/68$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -14.532 $\pm$ 0.014 χ^2 /NDF: 1195975.2/16

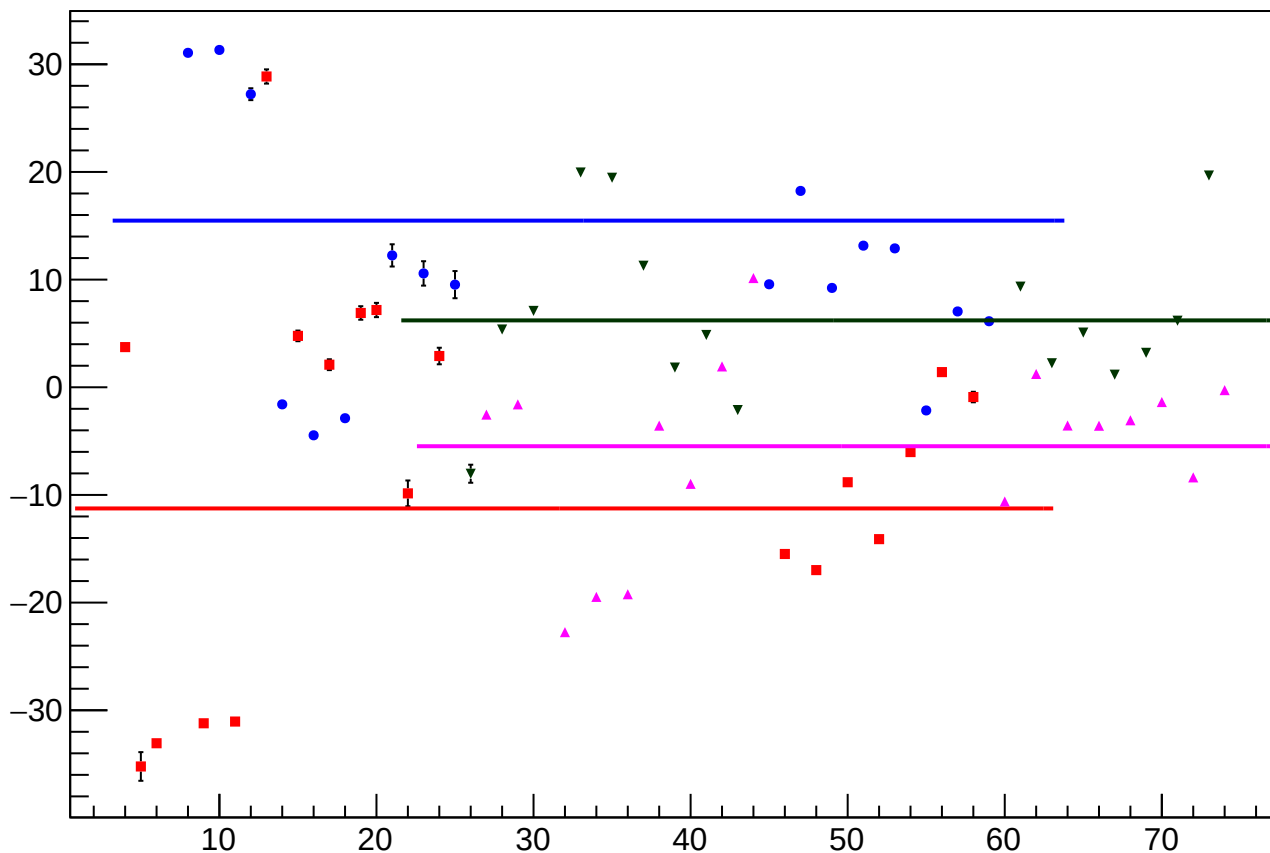
Left Out: -8.397 $\pm$ 0.008 χ^2 /NDF: 476984.3/15

-0.159 $\pm$ 0.005 χ^2 /NDF: 7333269.5/68

Right Out: 13.966 $\pm$ 0.015 χ^2 /NDF: 1151917.6/18

Left In: 8.556 $\pm$ 0.008 χ^2 /NDF: 480665.0/16

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 15.479+/-0.082 χ^2/NDF : 22443.0/16

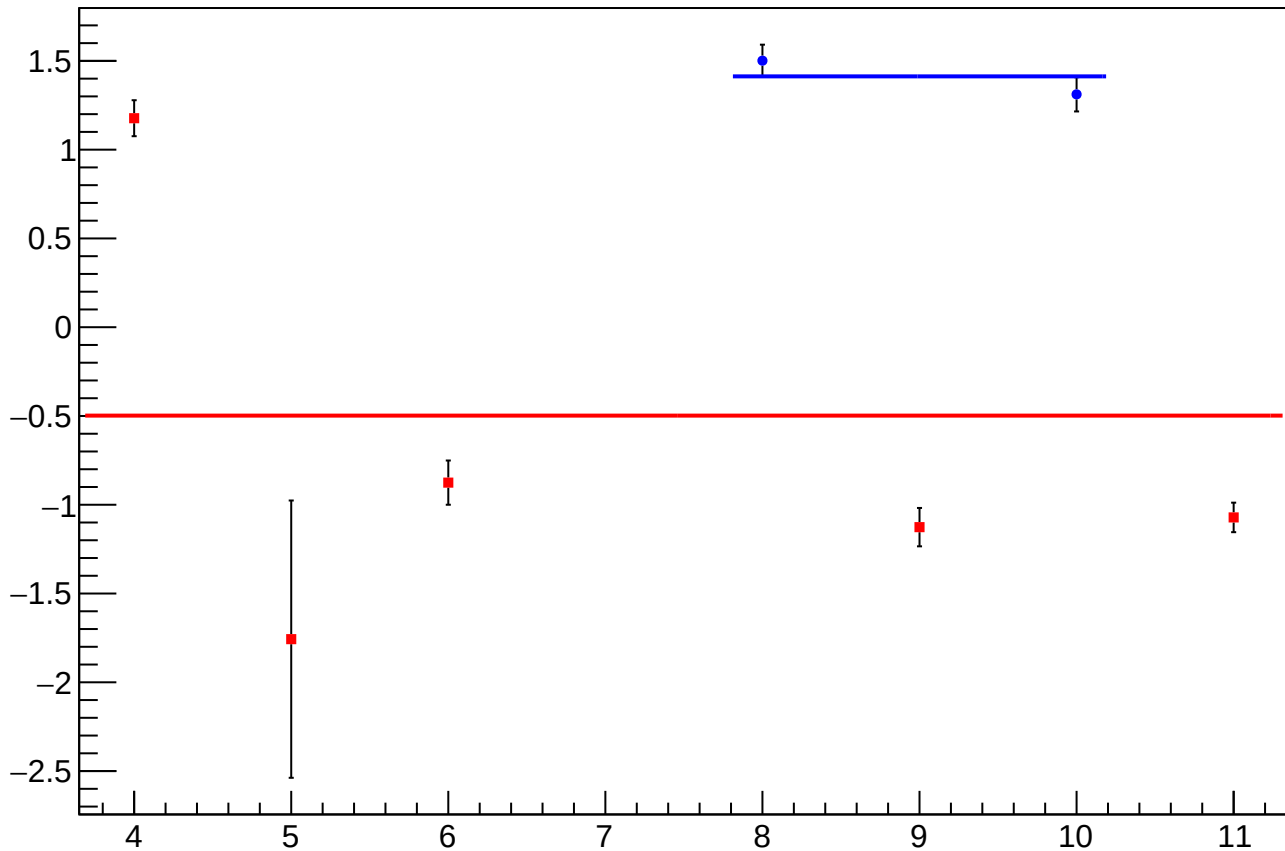
Left Out: 6.212+/-0.069 χ^2/NDF : 7861.5/15

0.422+/-0.036 χ^2/NDF : 164140.0/68

Right Out: -11.255+/-0.073 χ^2/NDF : 45171.8/18

Left In: -5.475+/-0.067 χ^2/NDF : 14848.6/16

reg_asym_sam_15_avg_diff_bpm12X_slope vs slug



Right In: 1.413 ± 0.066 χ^2/NDF : 2.1/1

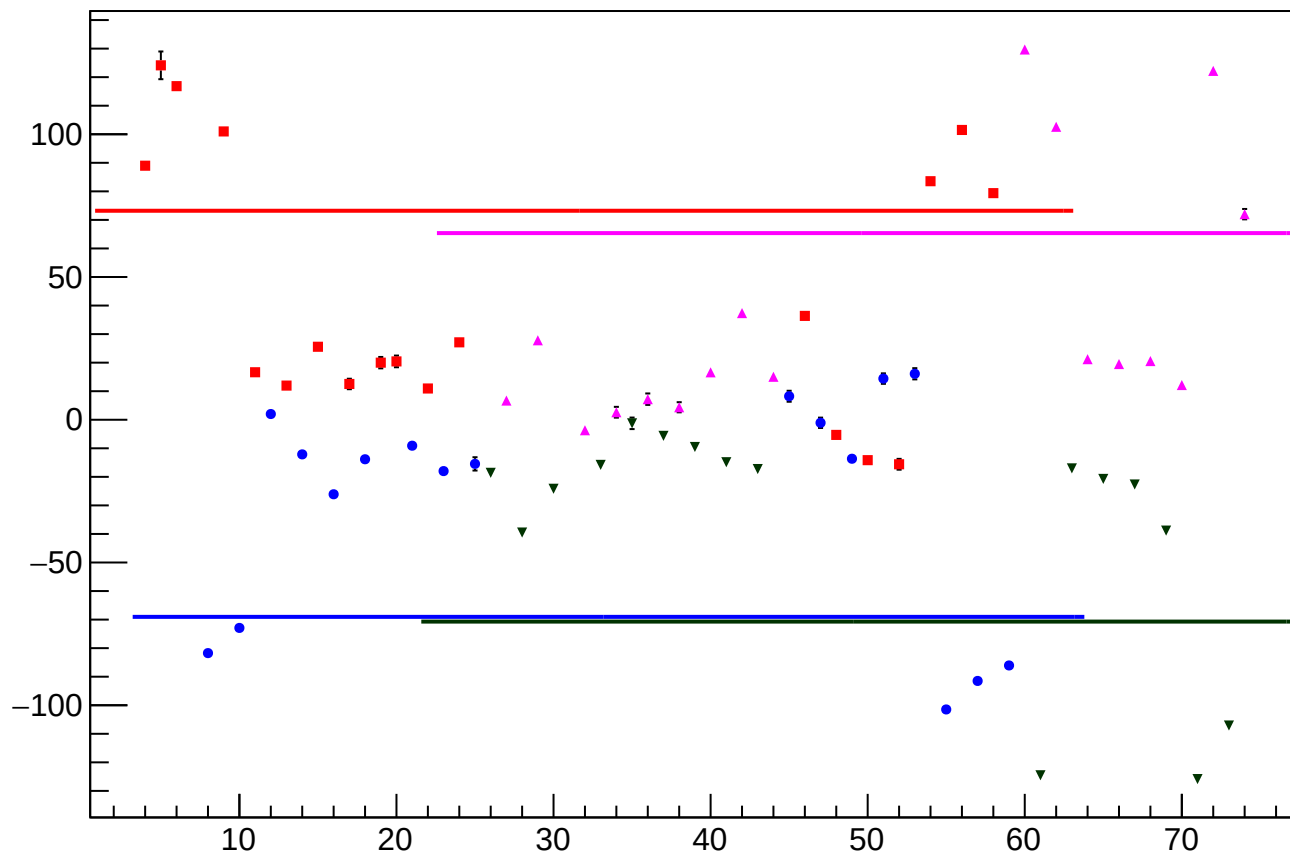
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.208 ± 0.040 χ^2/NDF : 899.4/6

Right Out: -0.498 ± 0.050 χ^2/NDF : 366.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -69.039 ± 0.226 χ^2/NDF : 25747.4/16

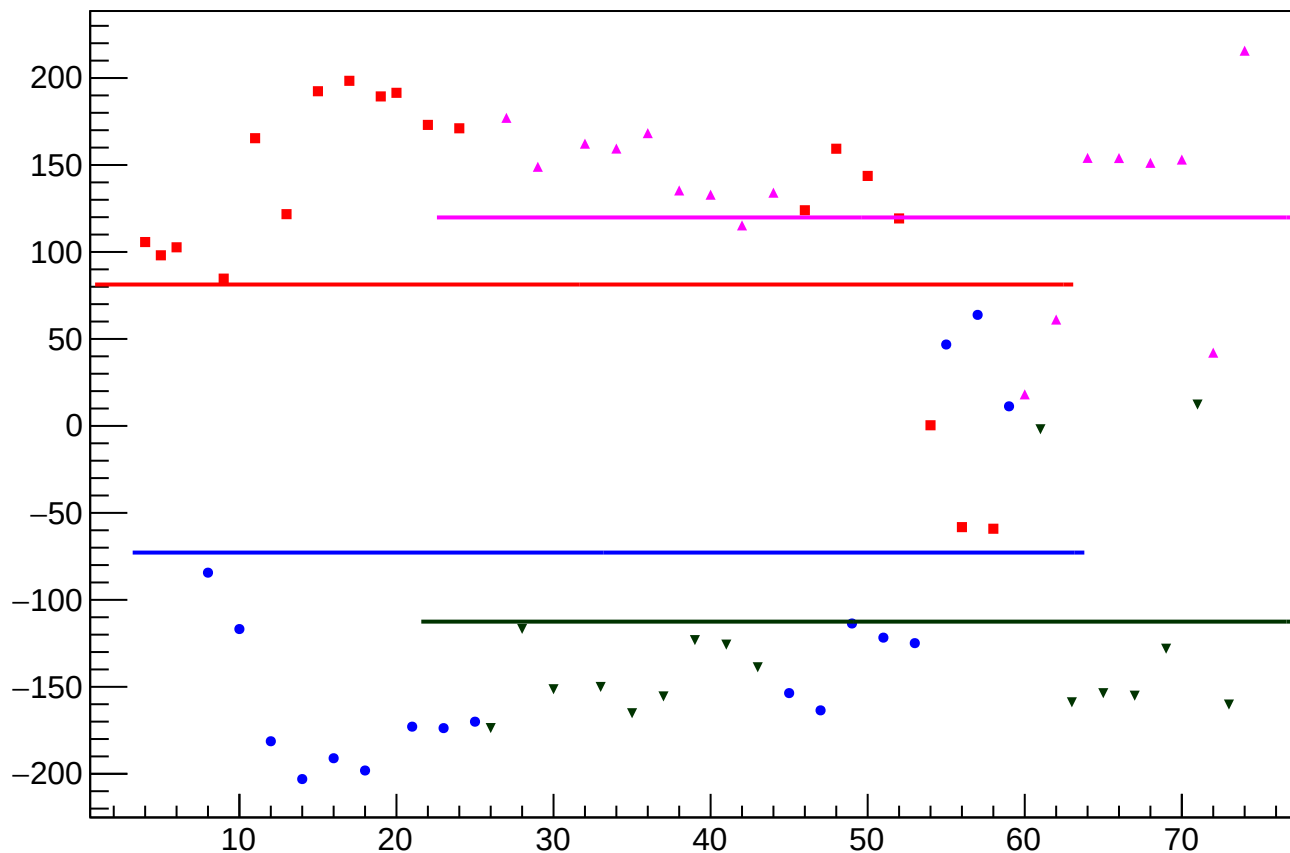
Left Out: -70.697 ± 0.281 χ^2/NDF : 32633.7/15

Right Out: 73.206 ± 0.229 χ^2/NDF : 25949.1/18

Left In: 65.379 ± 0.279 χ^2/NDF : 35288.8/16

-0.183 ± 0.125 χ^2/NDF : 433530.4/68

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -72.813 $\pm$ 0.185 χ^2 /NDF: 217878.6/16

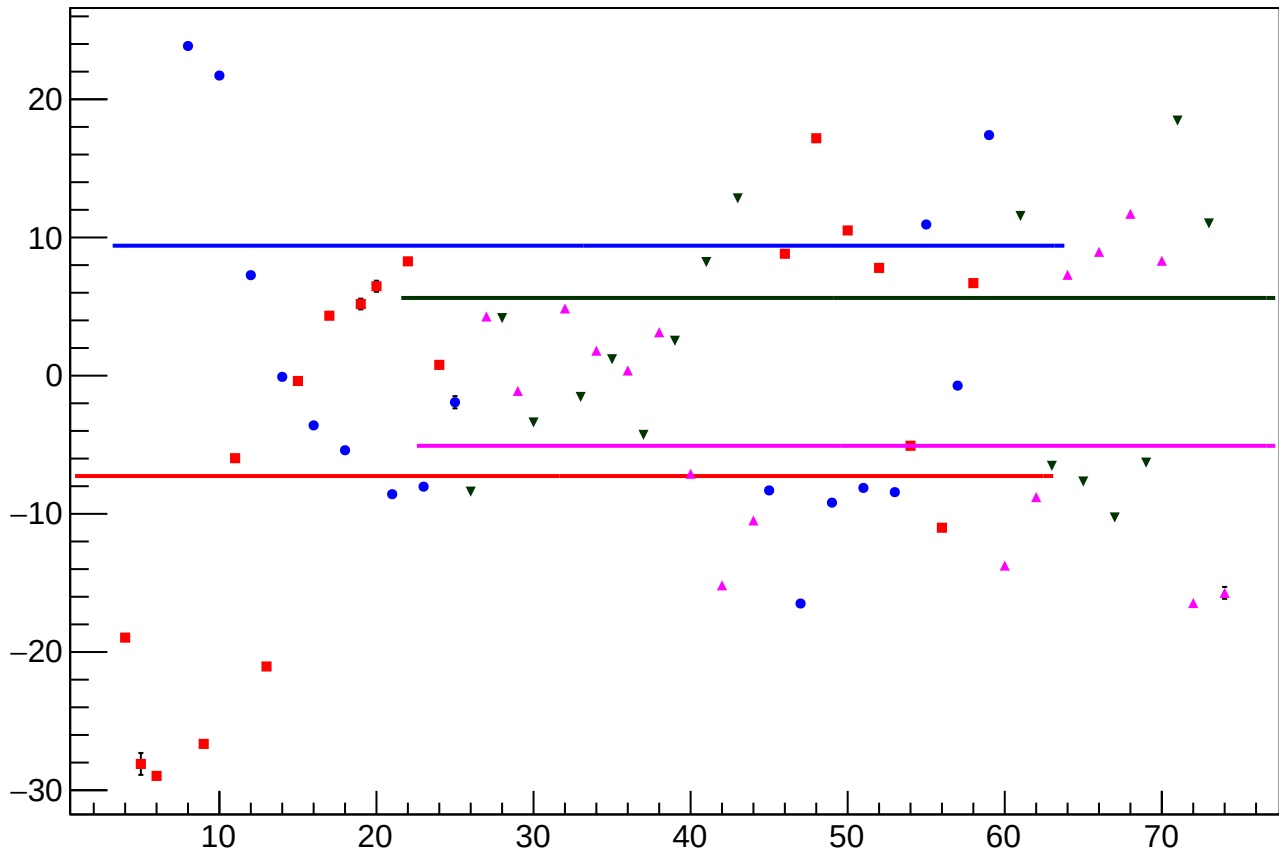
Left Out: -112.511 $\pm$ 0.284 χ^2 /NDF: 48126.3/15

Right Out: 81.292 $\pm$ 0.172 χ^2 /NDF: 230703.1/18

Left In: 119.844 $\pm$ 0.271 χ^2 /NDF: 40082.4/16

9.722 $\pm$ 0.106 χ^2 /NDF: 1260152.1/68

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 9.404 $\pm$ 0.039 χ^2 /NDF: 90079.5/16

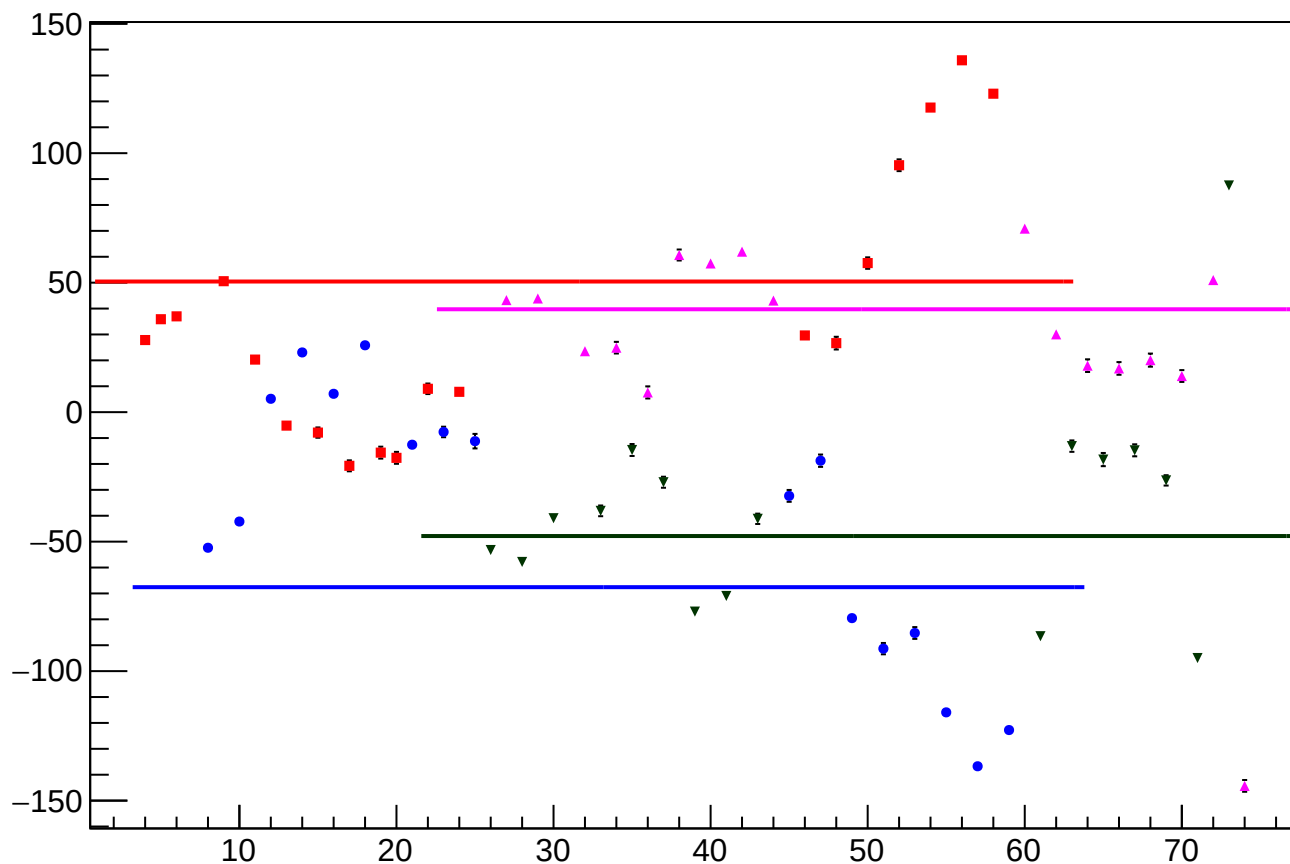
Left Out: 5.624 $\pm$ 0.050 χ^2 /NDF: 37068.1/15

0.785 $\pm$ 0.022 χ^2 /NDF: 400145.9/68

Right Out: -7.264 $\pm$ 0.039 χ^2 /NDF: 121218.3/18

Left In: -5.077 $\pm$ 0.050 χ^2 /NDF: 37411.1/16

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -67.579 ± 0.192 $\chi^2/\text{NDF}: 45862.2/16$

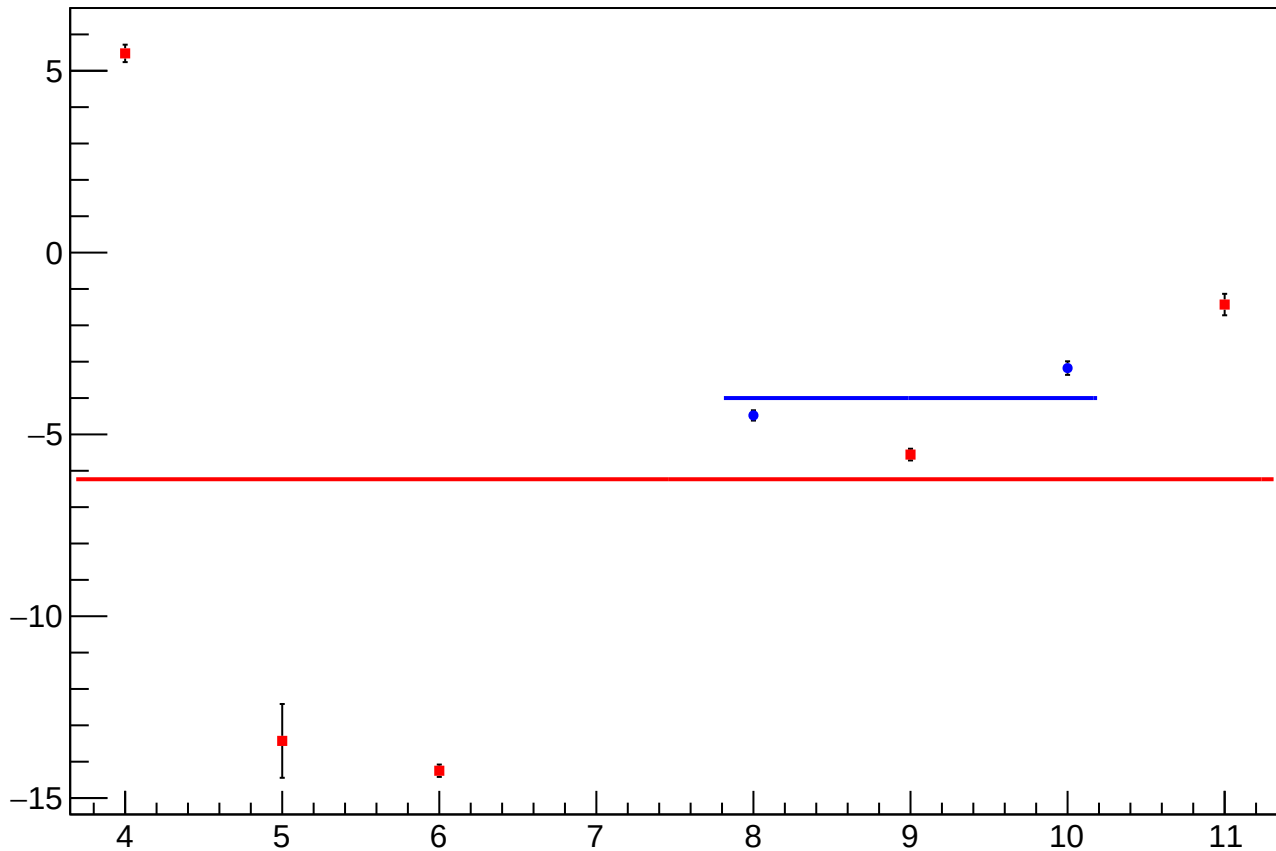
Left Out: -47.836 ± 0.383 $\chi^2/\text{NDF}: 18603.6/15$

Right Out: 50.443 ± 0.161 $\chi^2/\text{NDF}: 58464.9/18$

Left In: 39.728 ± 0.361 $\chi^2/\text{NDF}: 9182.4/16$

1.218 ± 0.112 $\chi^2/\text{NDF}: 381199.0/68$

reg_asym_sam_15_dd_diff_bpm12X_slope vs slug



Right In: -4.000 ± 0.113 χ^2/NDF : 30.9/1

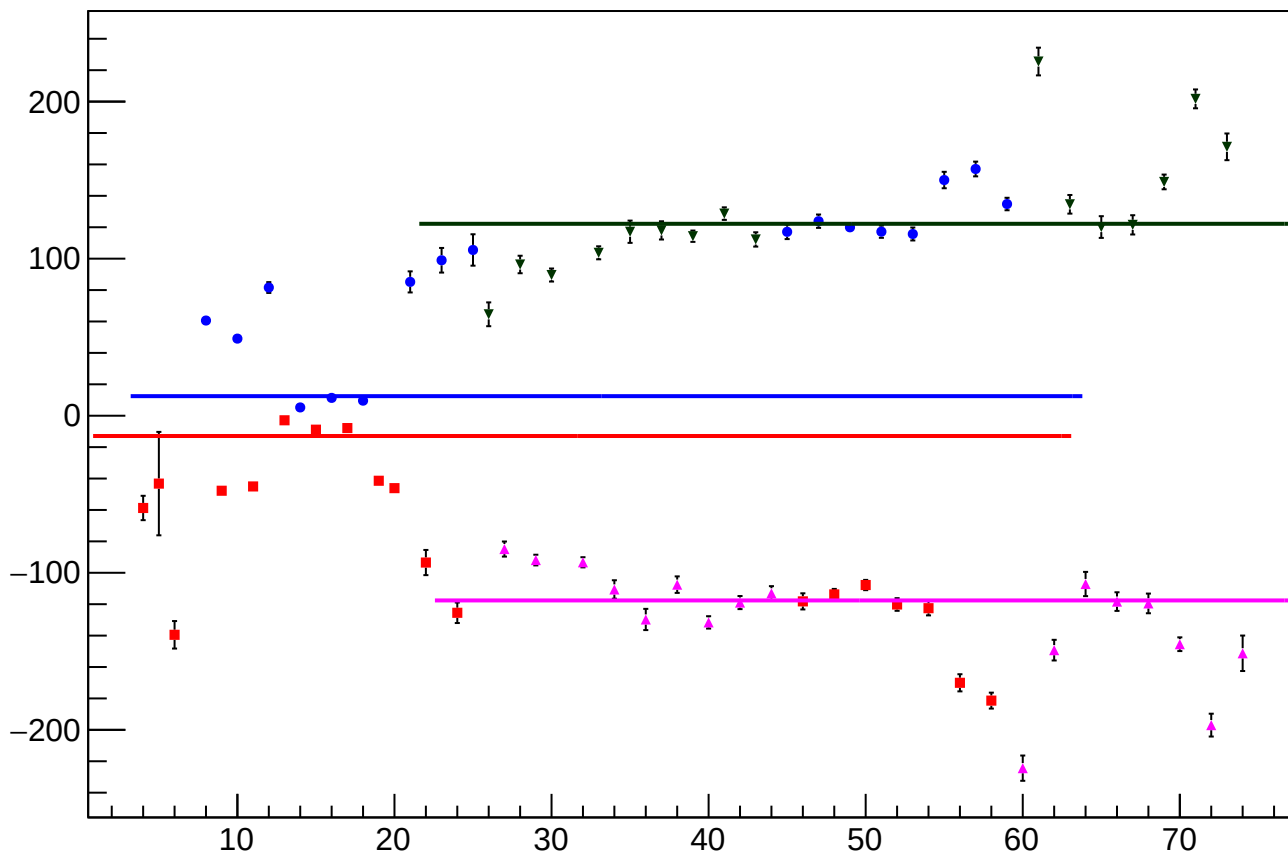
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.233 ± 0.099 χ^2/NDF : 4947.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.267 ± 0.074 χ^2/NDF : 5200.6/6

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 12.458 $\pm$ 0.203 χ^2/NDF : 9685.7/16

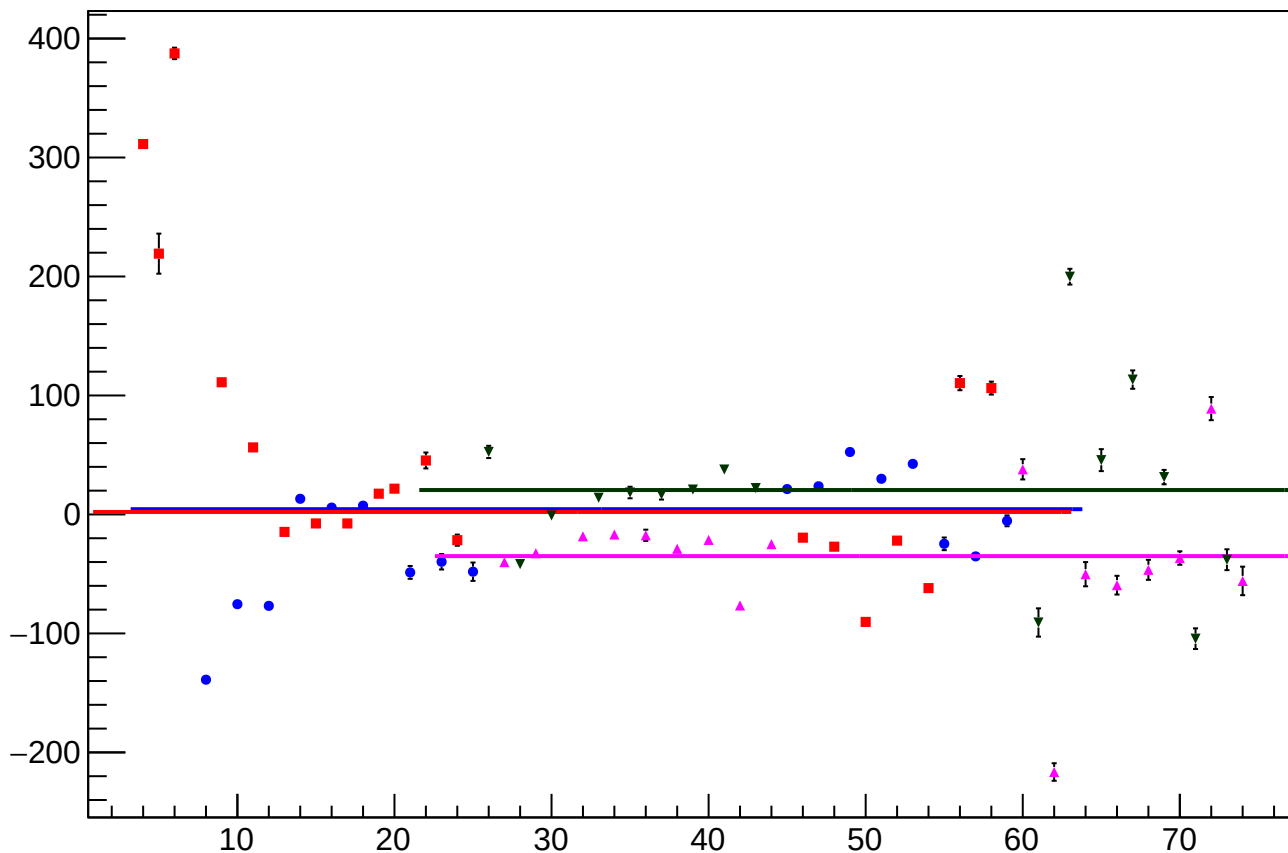
Left Out: 122.194 $\pm$ 1.314 χ^2/NDF : 556.8/15

Right Out: -12.918 $\pm$ 0.225 χ^2/NDF : 7537.4/18

Left In: -117.606 $\pm$ 1.221 χ^2/NDF : 552.0/16

0.866 $\pm$ 0.149 χ^2/NDF : 43267.5/68

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 4.416+/-0.149 χ^2/NDF : 26500.5/16

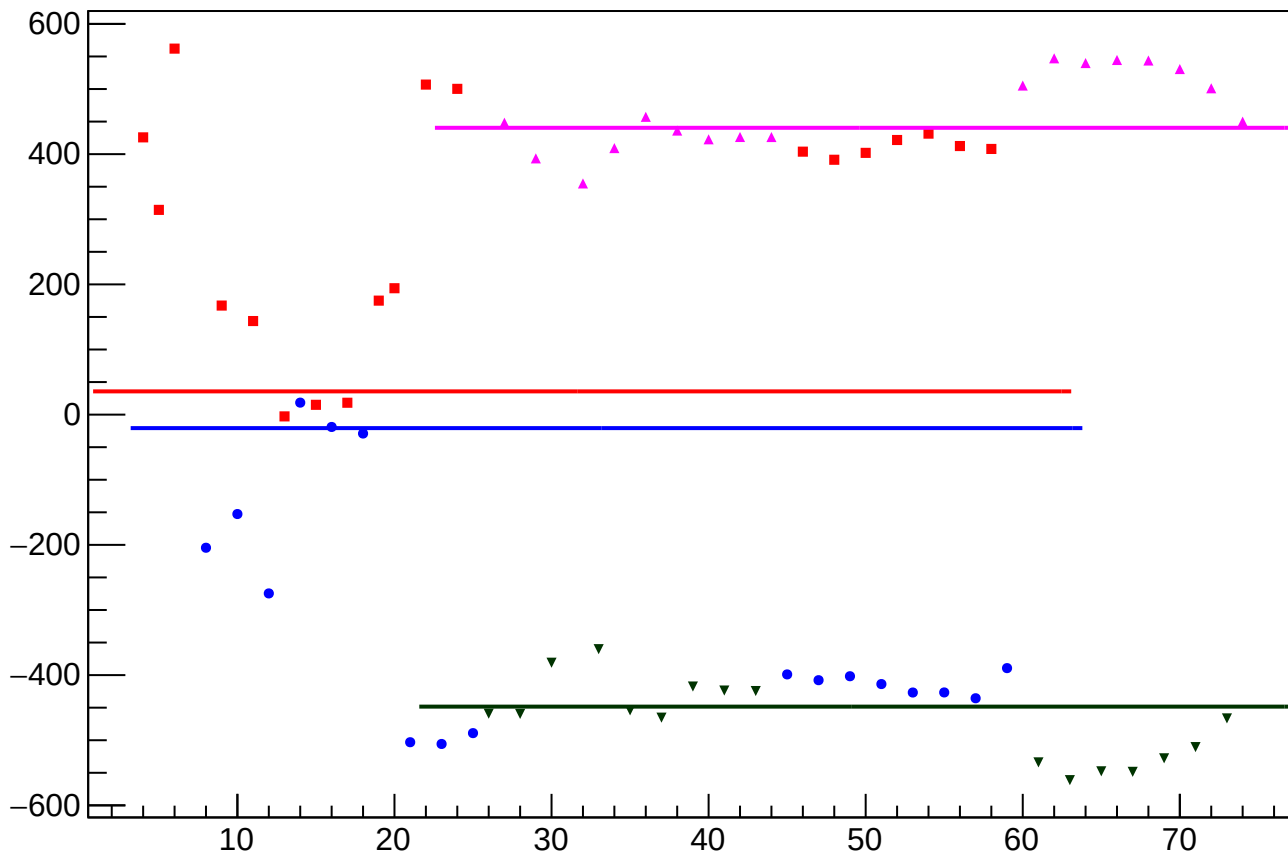
Left Out: 20.516+/-1.099 χ^2/NDF :1567.8/15

Right Out: 2.087+/-0.165 χ^2/NDF : 37599.7/18

Left In: -35.015+/-0.999 χ^2/NDF :1160.0/16

3.073+/-0.109 χ^2/NDF : 68650.2/68

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -20.705 $\pm$ 0.039 χ^2 /NDF: 4068470.5/16

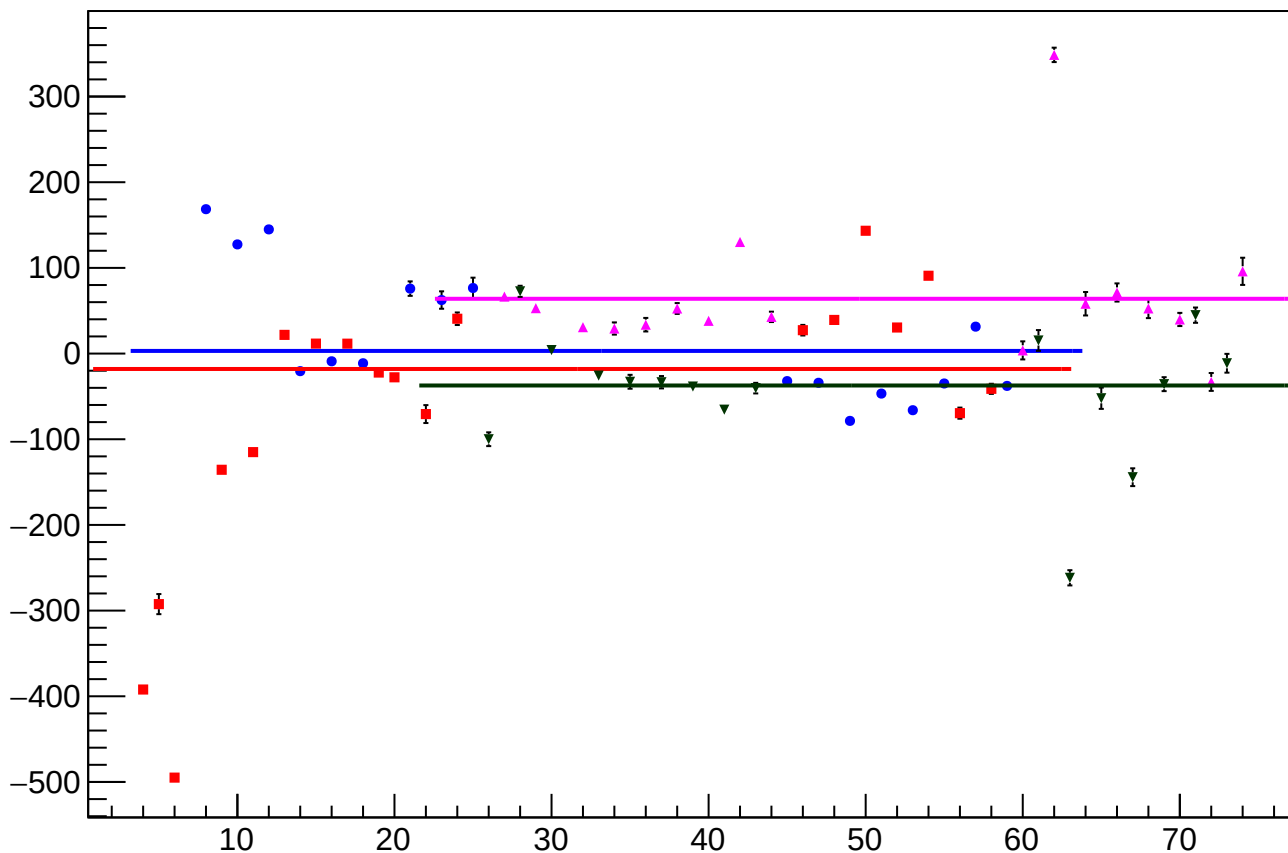
Left Out: -448.385 $\pm$ 0.224 χ^2 /NDF: 77530.0/15

Right Out: 35.704 $\pm$ 0.043 χ^2 /NDF: 3023477.1/18

Left In: 440.457 $\pm$ 0.211 χ^2 /NDF: 88818.9/16

5.536 $\pm$ 0.028 χ^2 /NDF: 16539823.0/68

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: 3.092 ± 0.226 χ^2/NDF : 52744.7/16

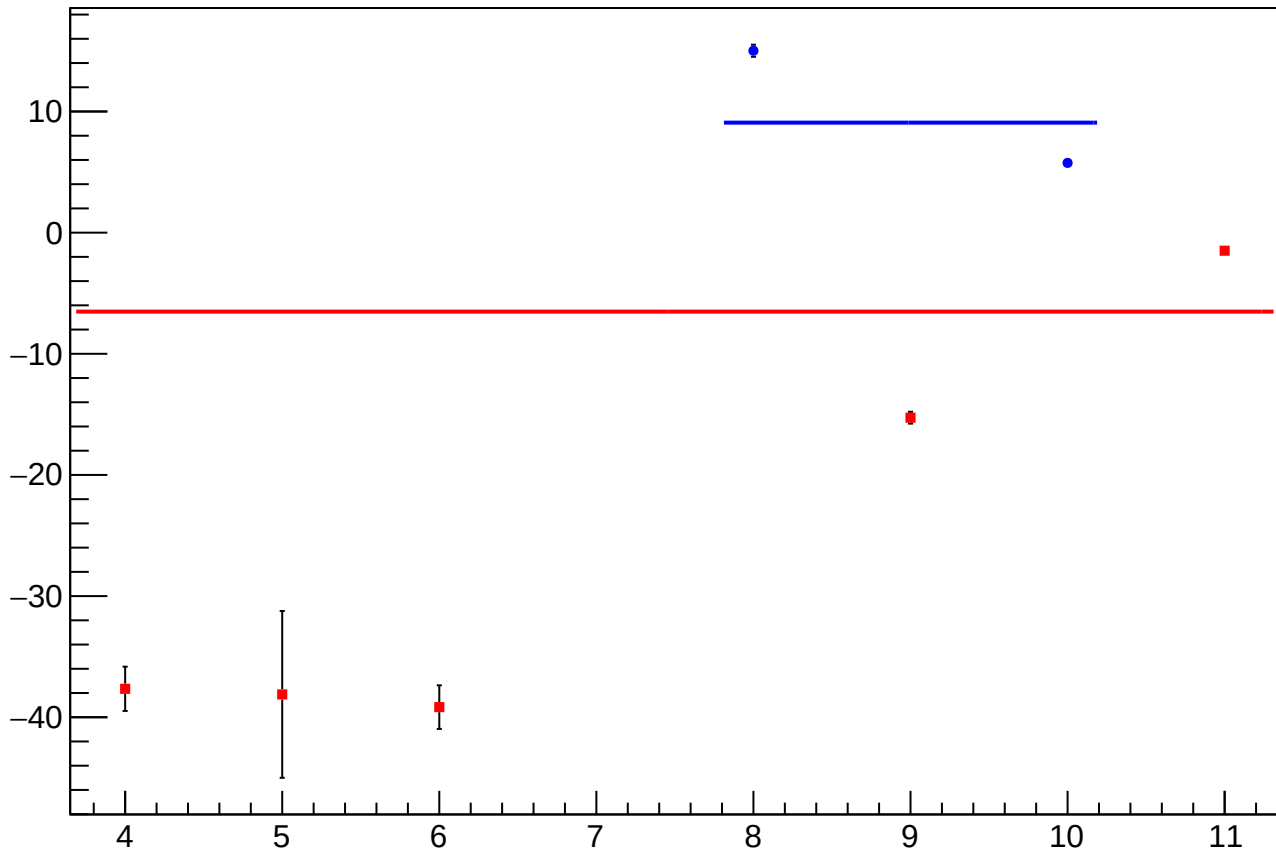
Left Out: -37.255 ± 1.750 χ^2/NDF : 1295.5/15

-6.001 ± 0.165 χ^2/NDF : 150462.0/68

Right Out: -17.983 ± 0.248 χ^2/NDF : 88612.3/18

Left In: 63.941 ± 1.592 χ^2/NDF : 1606.6/16

reg_asym_sam_37_avg_diff_bpm12X_slope vs slug



Right In: 9.080 ± 0.300 χ^2/NDF : 219.4/1

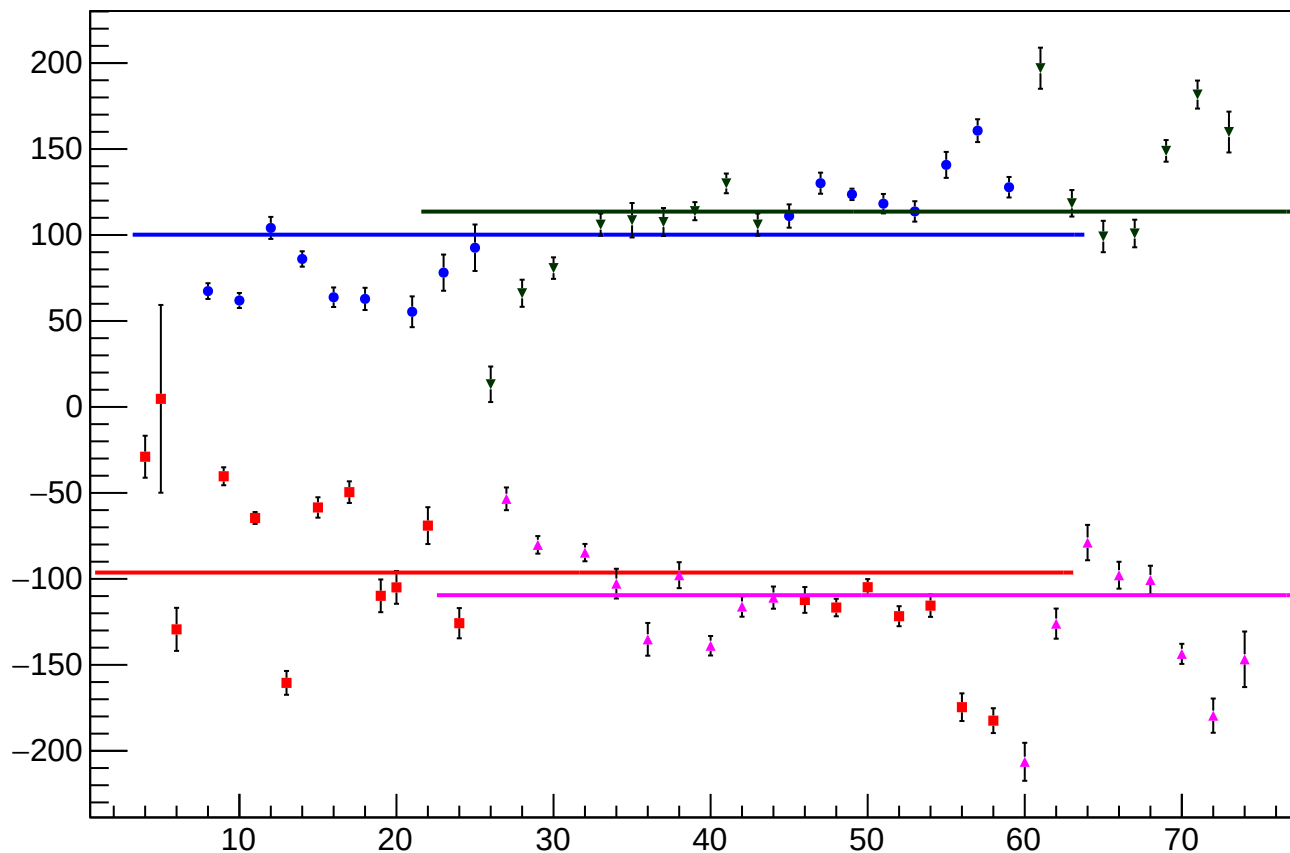
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.518 ± 0.249 χ^2/NDF : 1250.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.164 ± 0.191 χ^2/NDF : 3075.0/6

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 100.185 ± 1.382 $\chi^2/\text{NDF}: 467.3/16$

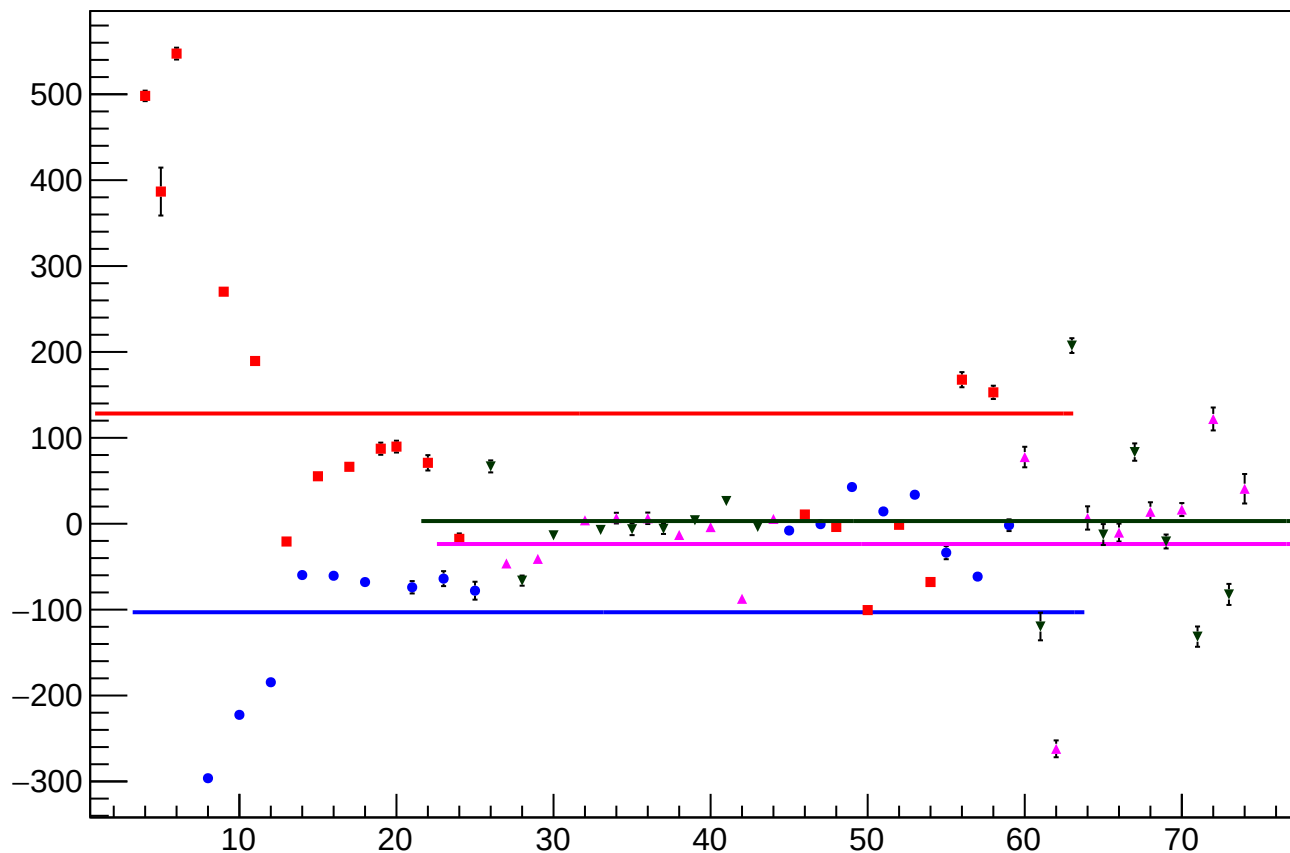
Left Out: 113.614 ± 1.859 $\chi^2/\text{NDF}: 340.8/15$

Right Out: -96.311 ± 1.507 $\chi^2/\text{NDF}: 730.1/18$

Left In: -109.470 ± 1.738 $\chi^2/\text{NDF}: 349.0/16$

4.195 ± 0.794 $\chi^2/\text{NDF}: 18903.5/68$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -103.036 $\pm$ 0.969 χ^2 /NDF: 14480.3/16

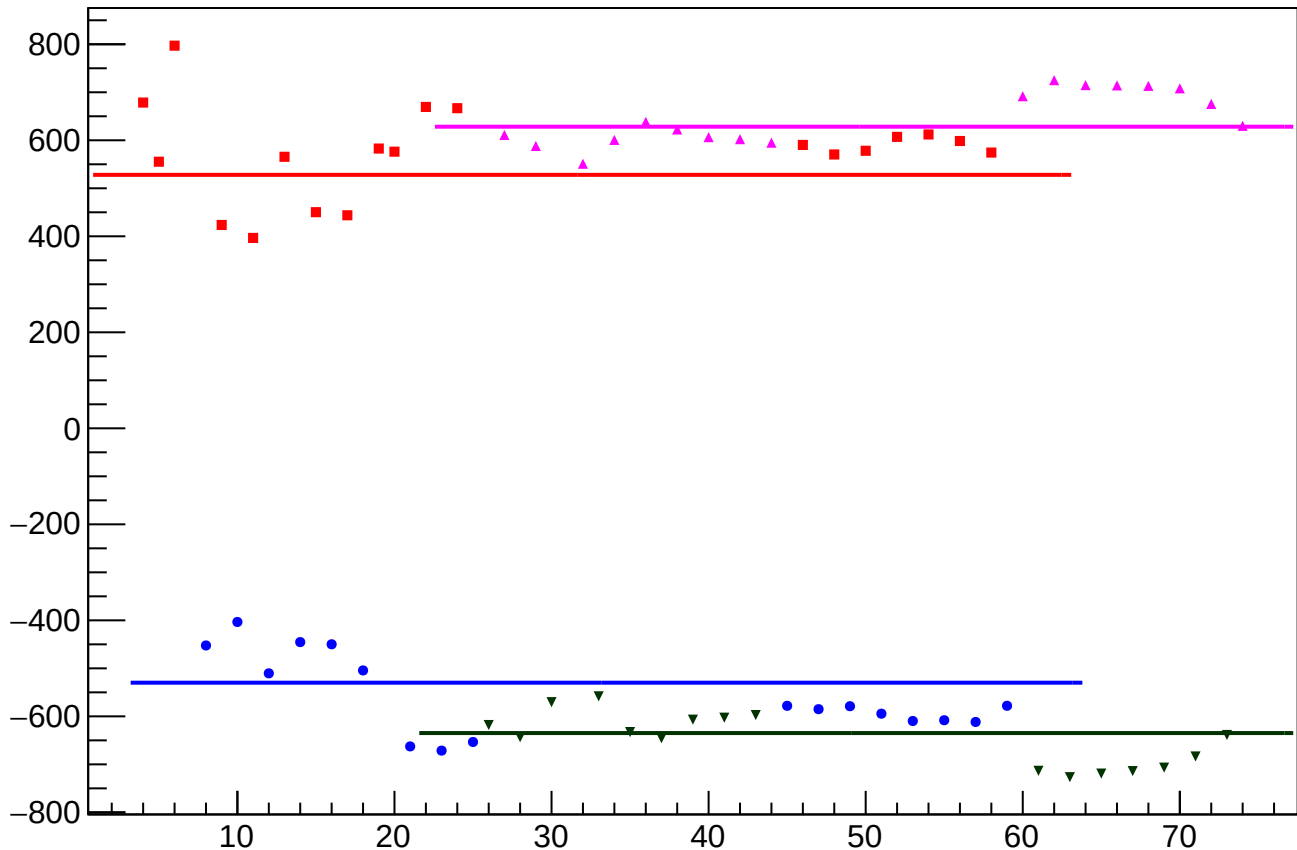
Left Out: 3.113 $\pm$ 1.576 χ^2 /NDF:1147.1/15

Right Out: 128.320 $\pm$ 0.908 χ^2 /NDF: 21742.2/18

Left In: -23.614 $\pm$ 1.436 χ^2 /NDF:1272.0/16

11.342 $\pm$ 0.562 χ^2 /NDF: 69800.7/68

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -529.881+/-0.249 χ^2/NDF : 104964.8/16

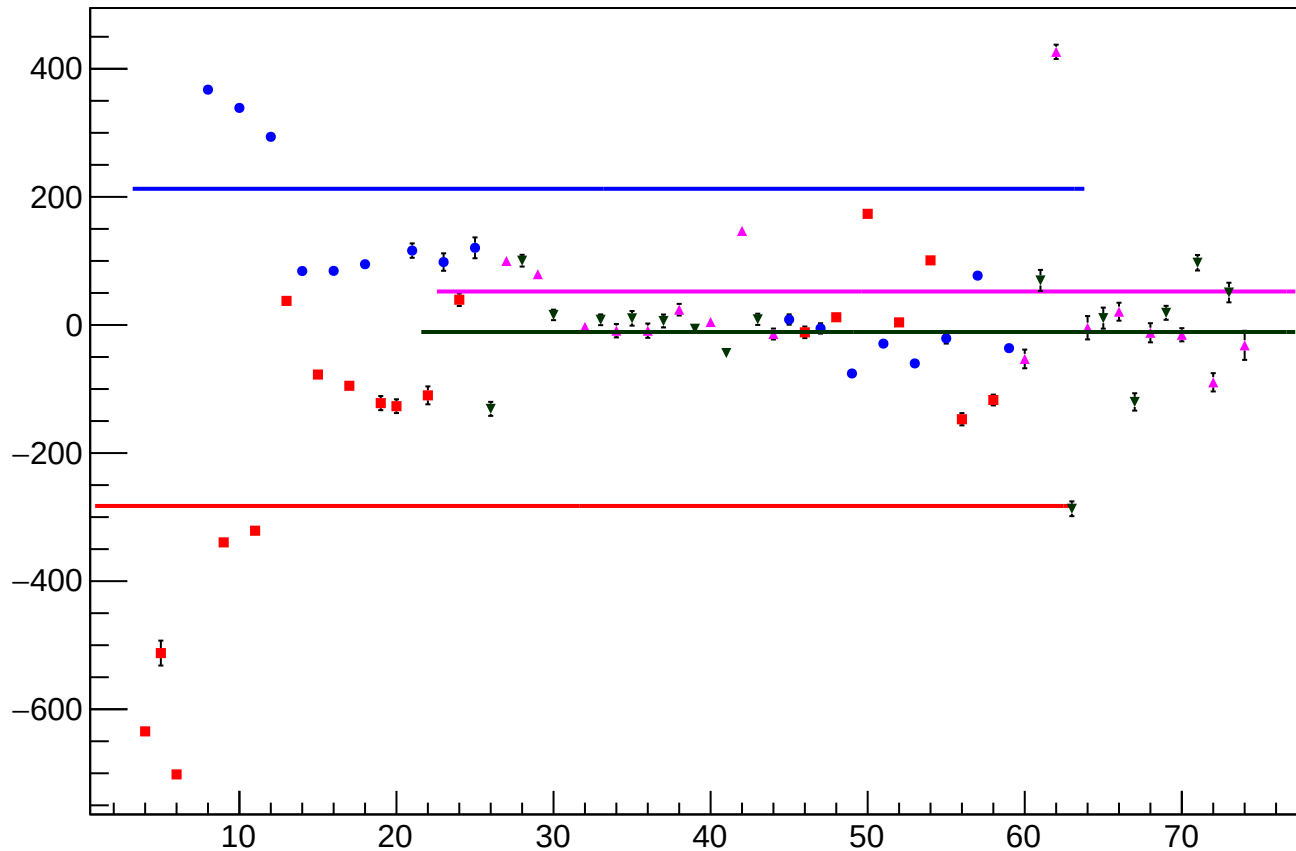
Left Out: -634.792+/-0.318 χ^2/NDF : 30612.3/15

Right Out: 527.997+/-0.267 χ^2/NDF : 133614.6/18

Left In: 628.313+/-0.301 χ^2/NDF : 35971.3/16

-9.891+/-0.140 χ^2/NDF : 17093721.9/68

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 212.648 ± 1.230 χ^2/NDF : 19279.3/16

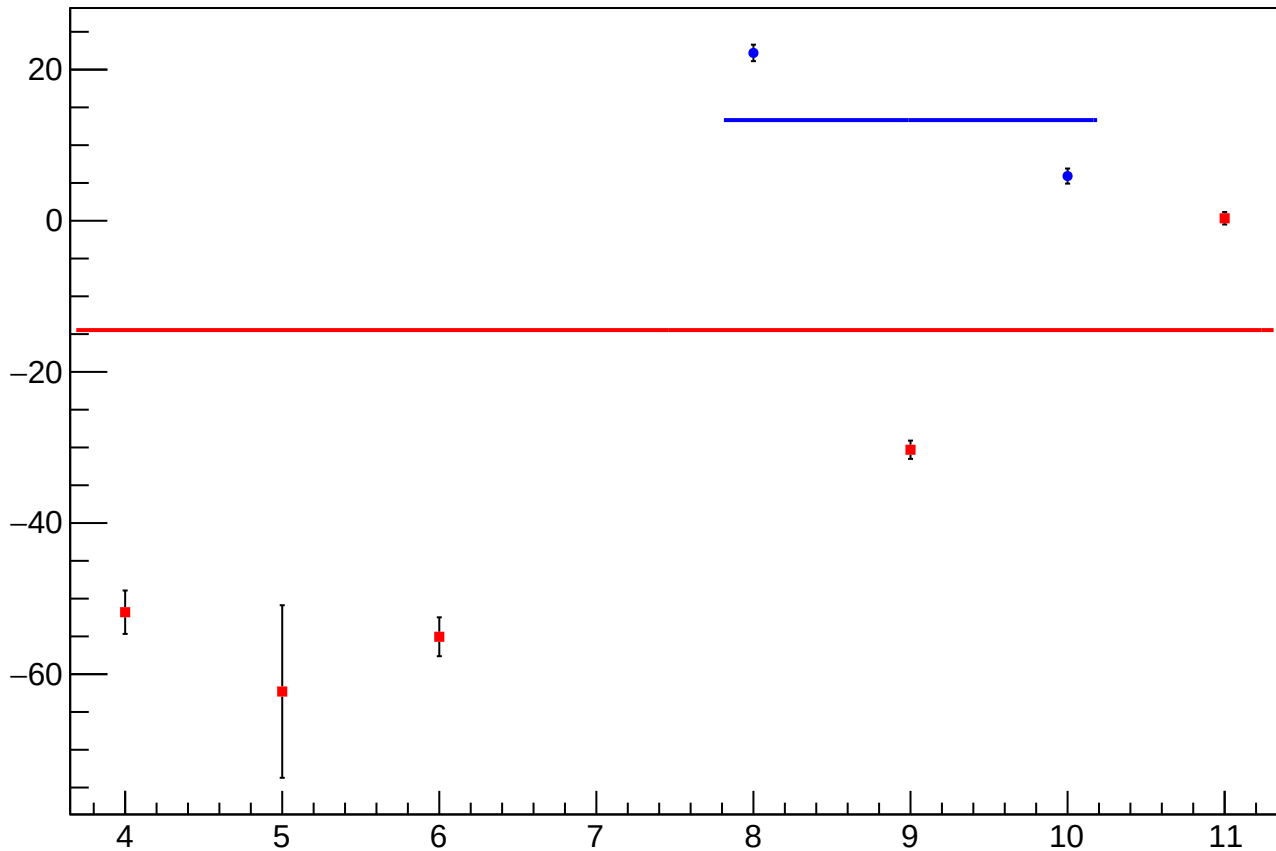
Left Out: -10.955 ± 2.491 χ^2/NDF : 1081.9/15

-31.870 ± 0.758 χ^2/NDF : 144223.1/68

Right Out: -282.576 ± 1.176 χ^2/NDF : 35551.9/18

Left In: 52.281 ± 2.272 χ^2/NDF : 1856.4/16

reg_asym_sam_37_dd_diff_bpm12X_slope vs slug



Right In: 13.318 ± 0.736 $\chi^2/\text{NDF}: 121.5/1$

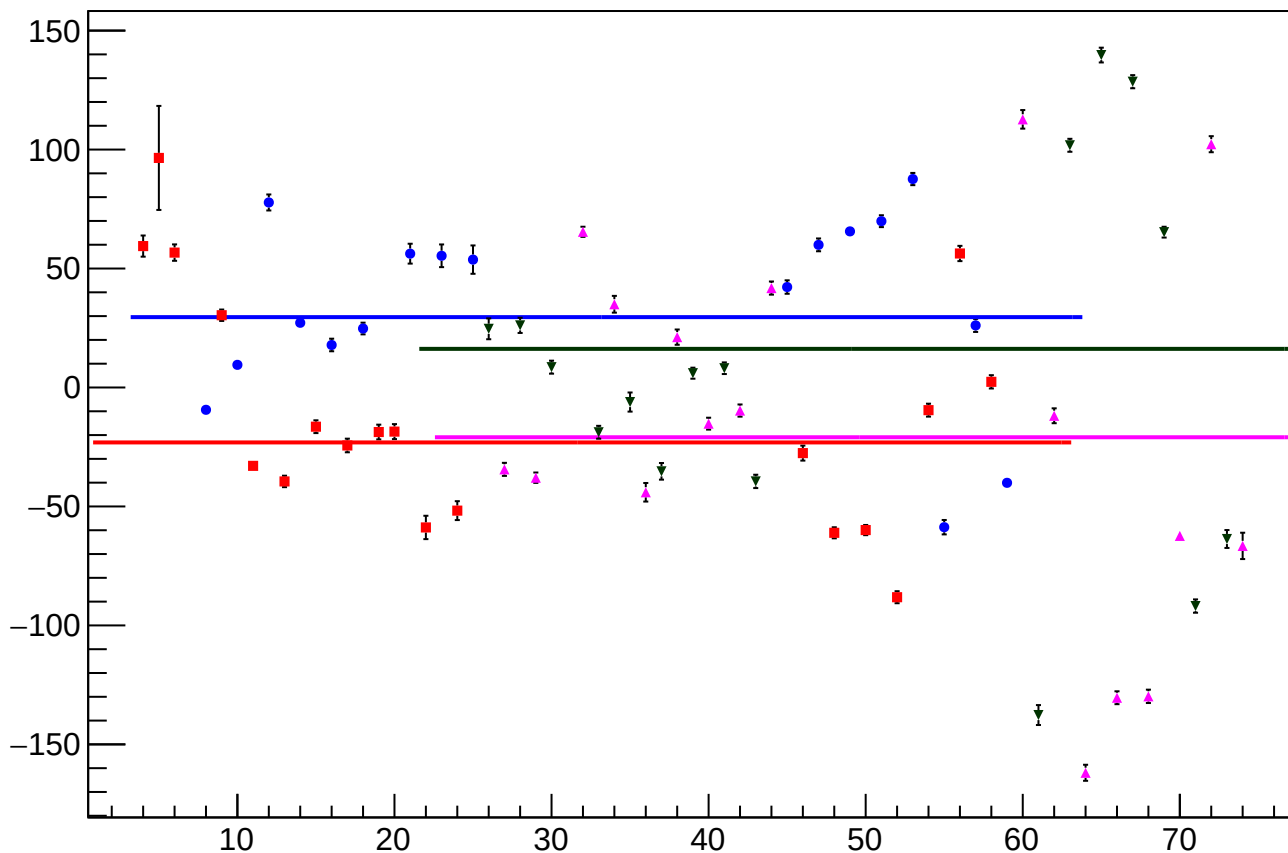
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.467 ± 0.640 $\chi^2/\text{NDF}: 930.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.506 ± 0.483 $\chi^2/\text{NDF}: 1863.1/6$

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 29.572 ± 0.607 $\chi^2/\text{NDF}: 4222.9/16$

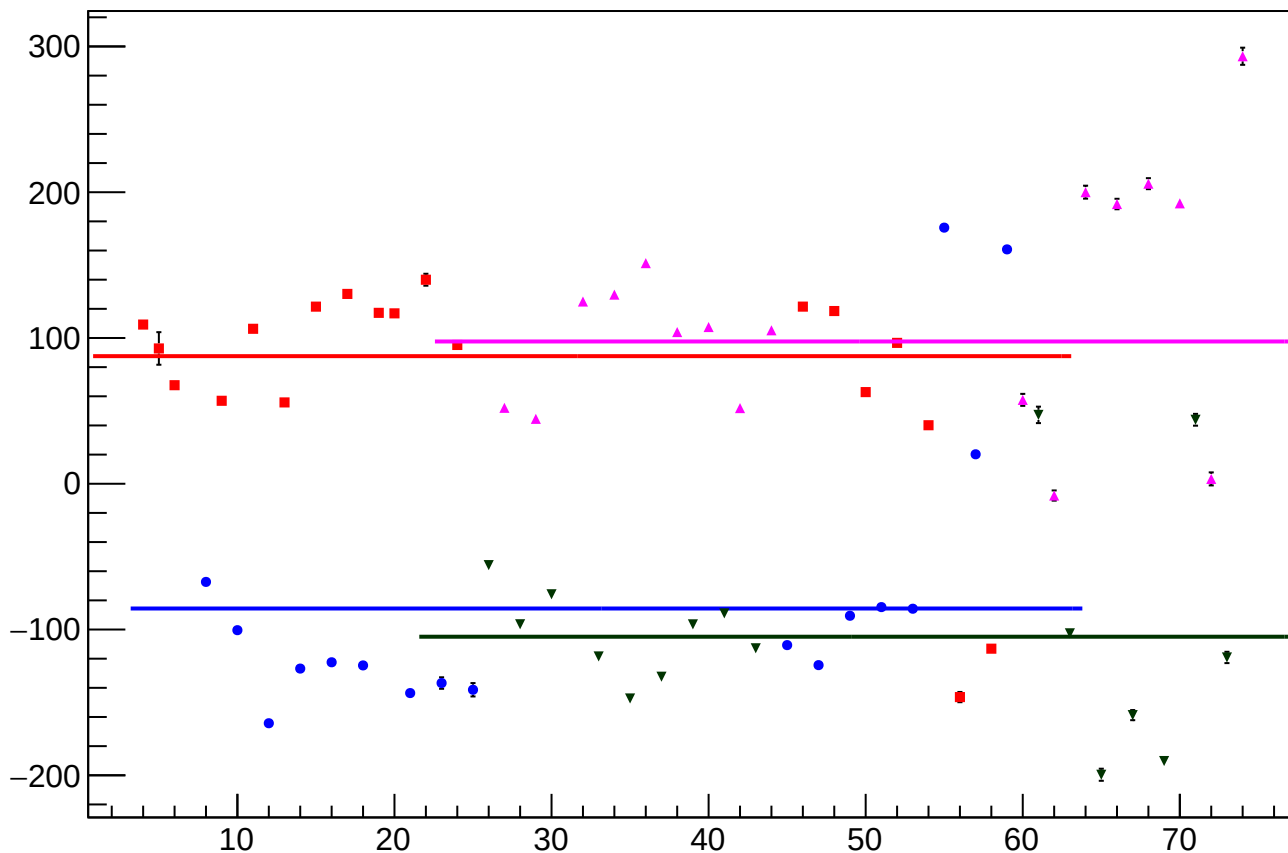
Left Out: 16.236 ± 0.733 $\chi^2/\text{NDF}: 8840.0/15$

Right Out: -23.092 ± 0.646 $\chi^2/\text{NDF}: 3547.1/18$

Left In: -20.918 ± 0.687 $\chi^2/\text{NDF}: 10585.5/16$

1.203 ± 0.332 $\chi^2/\text{NDF}: 32254.1/68$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -85.577 $\pm$ 0.435 χ^2 /NDF: 24731.5/16

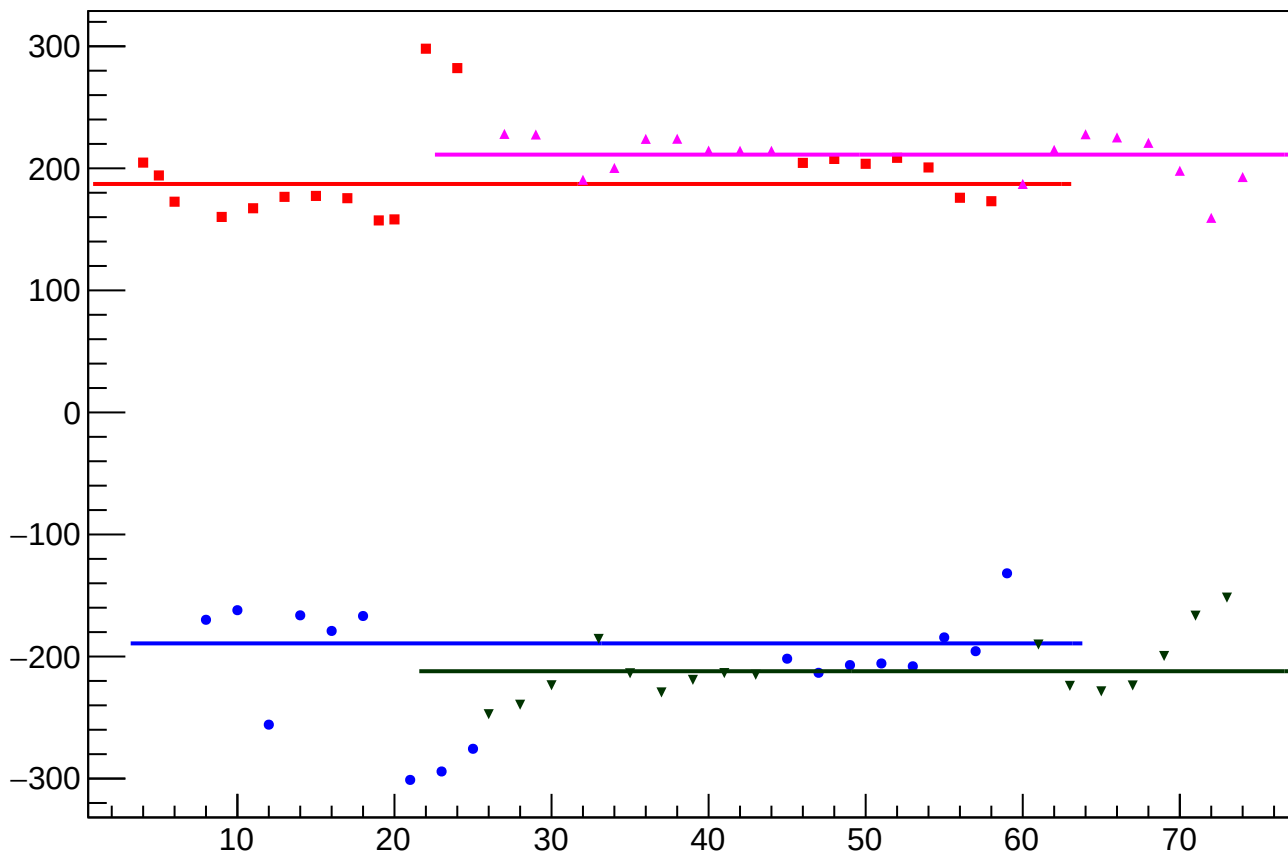
Left Out: -104.935 $\pm$ 0.647 χ^2 /NDF: 4667.0/15

Right Out: 87.540 $\pm$ 0.407 χ^2 /NDF: 13191.2/18

Left In: 97.608 $\pm$ 0.589 χ^2 /NDF: 9078.1/16

6.458 $\pm$ 0.245 χ^2 /NDF: 189890.0/68

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -189.239+/-0.109 χ^2/NDF : 105945.0/16

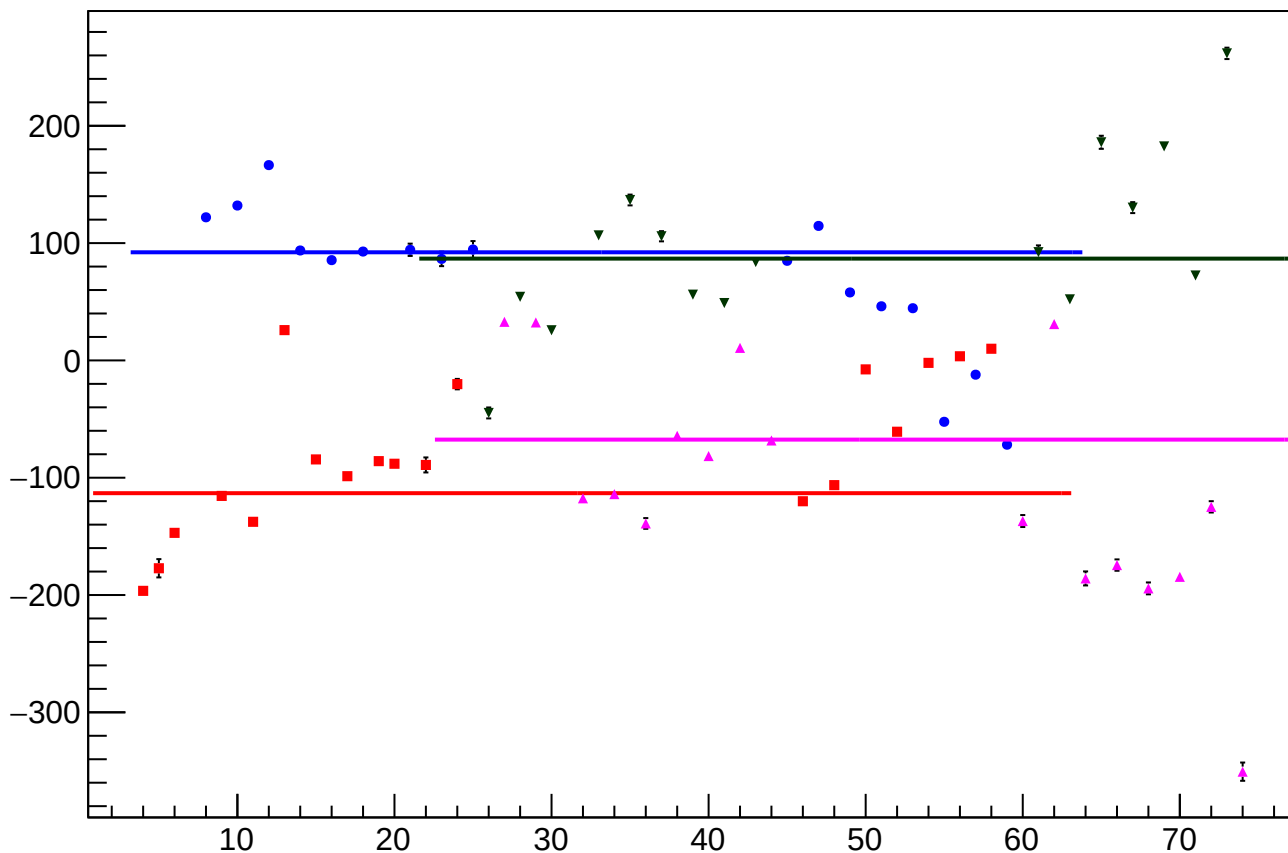
Left Out: -212.042+/-0.126 χ^2/NDF : 28433.3/15

Right Out: 187.187+/-0.114 χ^2/NDF : 58283.9/18

Left In: 211.239+/-0.119 χ^2/NDF : 19442.5/16

-0.444+/-0.058 χ^2/NDF : 11891759.1/68

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 92.171+/-0.550 χ^2/NDF : 11016.9/16

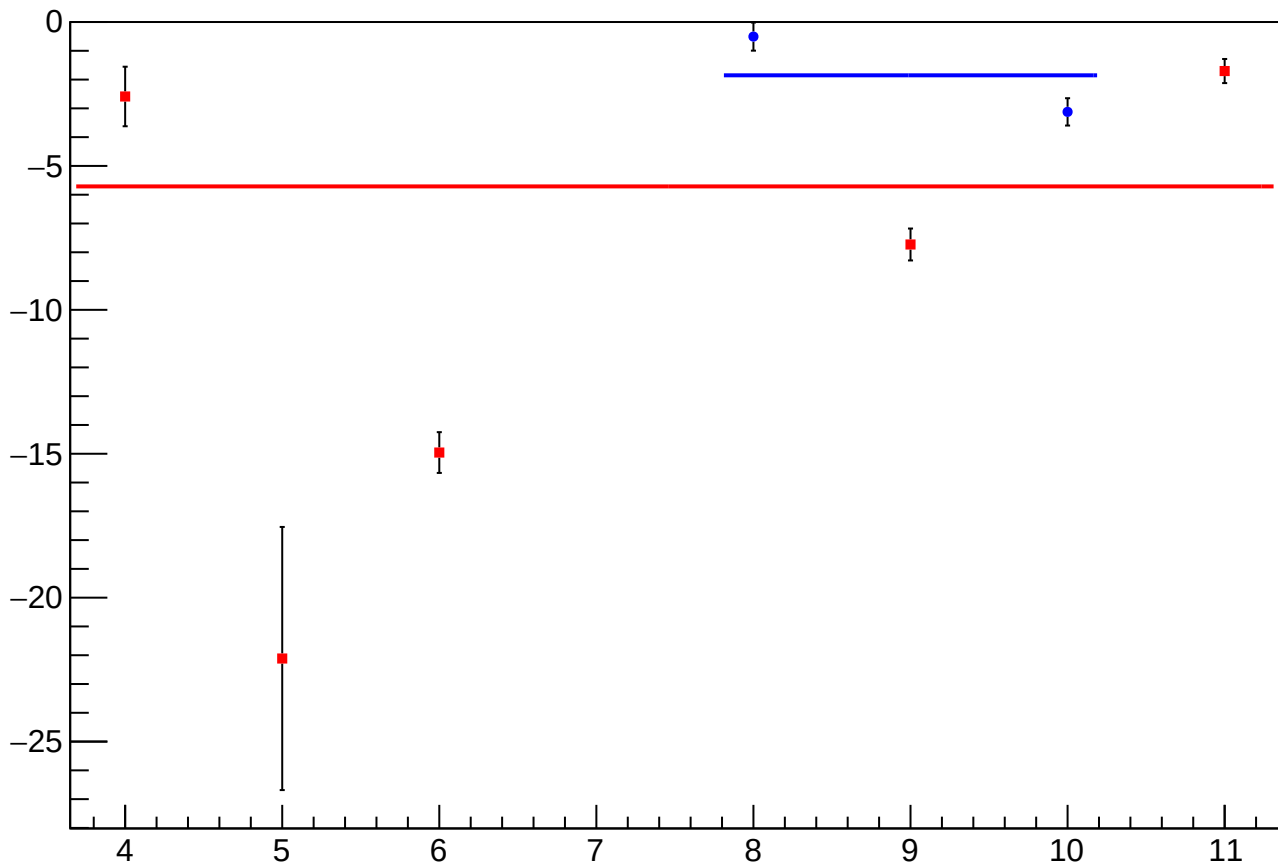
Left Out: 86.784+/-1.000 χ^2/NDF : 3969.1/15

-13.880+/-0.326 χ^2/NDF : 127481.4/68

Right Out: -113.184+/-0.506 χ^2/NDF : 14199.7/18

Left In: -67.518+/-0.915 χ^2/NDF : 9023.4/16

reg_asym_sam_26_avg_diff_bpm12X_slope vs slug



Right In: -1.852 ± 0.341 χ^2/NDF : 14.7/1

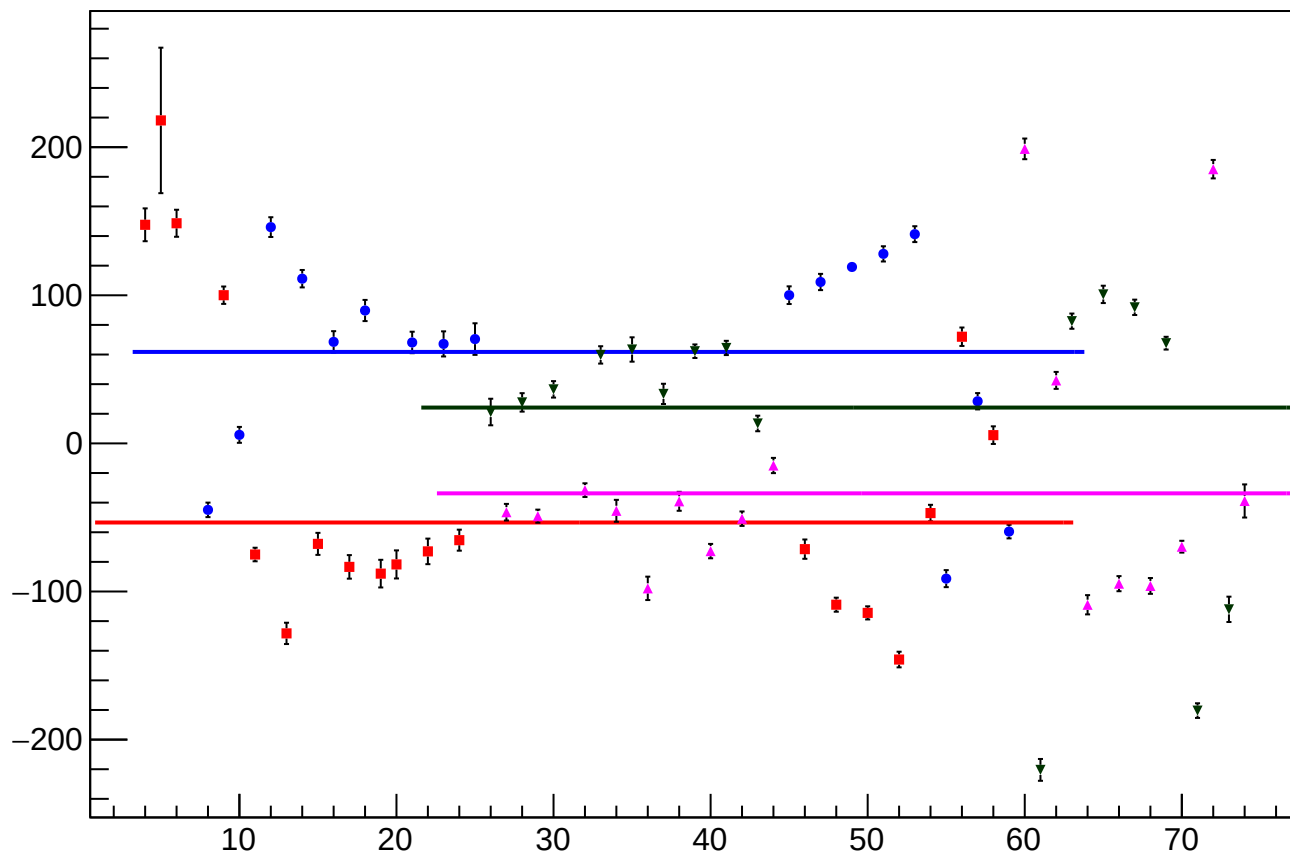
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.712 ± 0.290 χ^2/NDF : 297.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.092 ± 0.221 χ^2/NDF : 386.6/6

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 61.760+/-1.347 χ^2/NDF : 3098.8/16

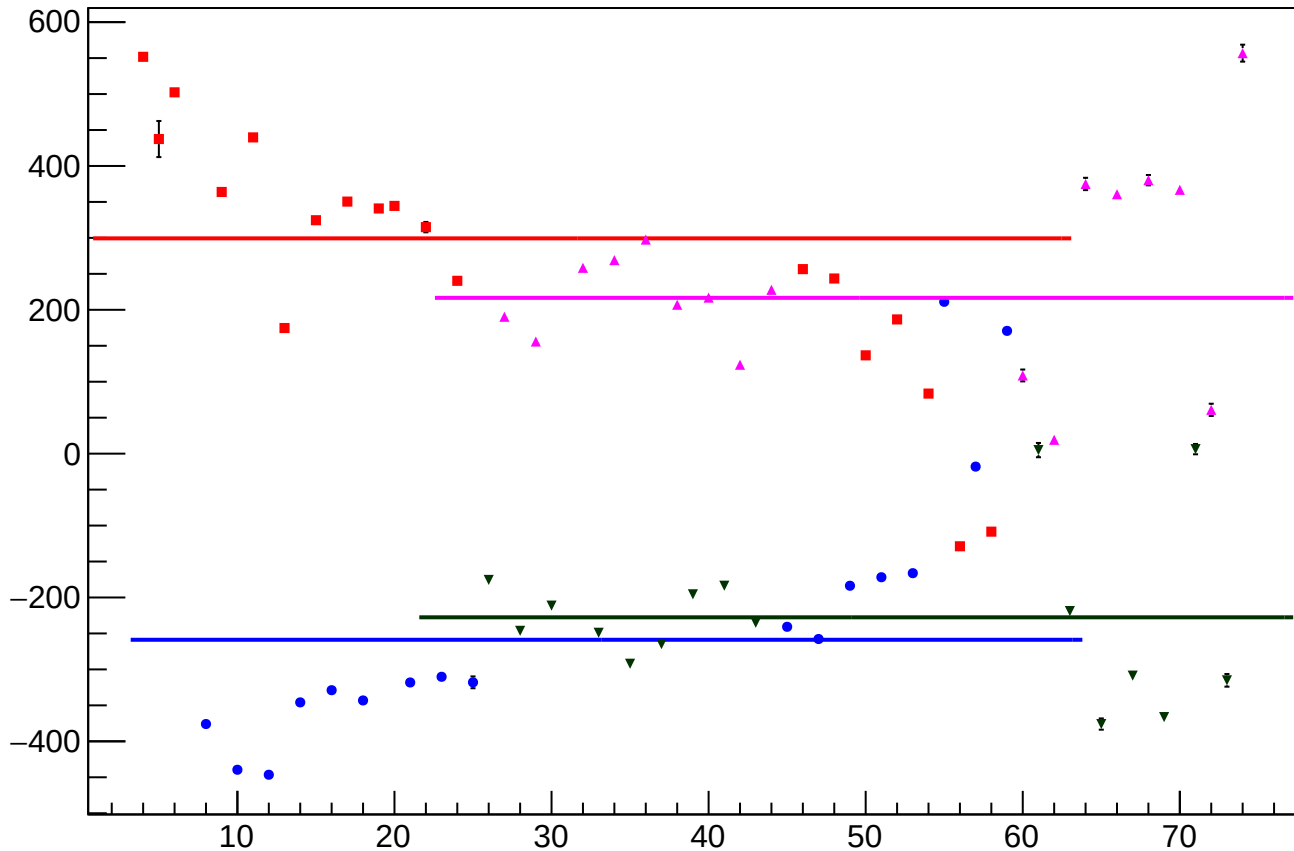
Left Out: 24.191+/-1.423 χ^2/NDF : 3844.5/15

Right Out: -53.412+/-1.495 χ^2/NDF : 2858.6/18

Left In: -33.730+/-1.342 χ^2/NDF : 3194.9/16

1.641+/-0.699 χ^2/NDF : 17291.0/68

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -258.798+/-0.994 χ^2/NDF : 27502.6/16

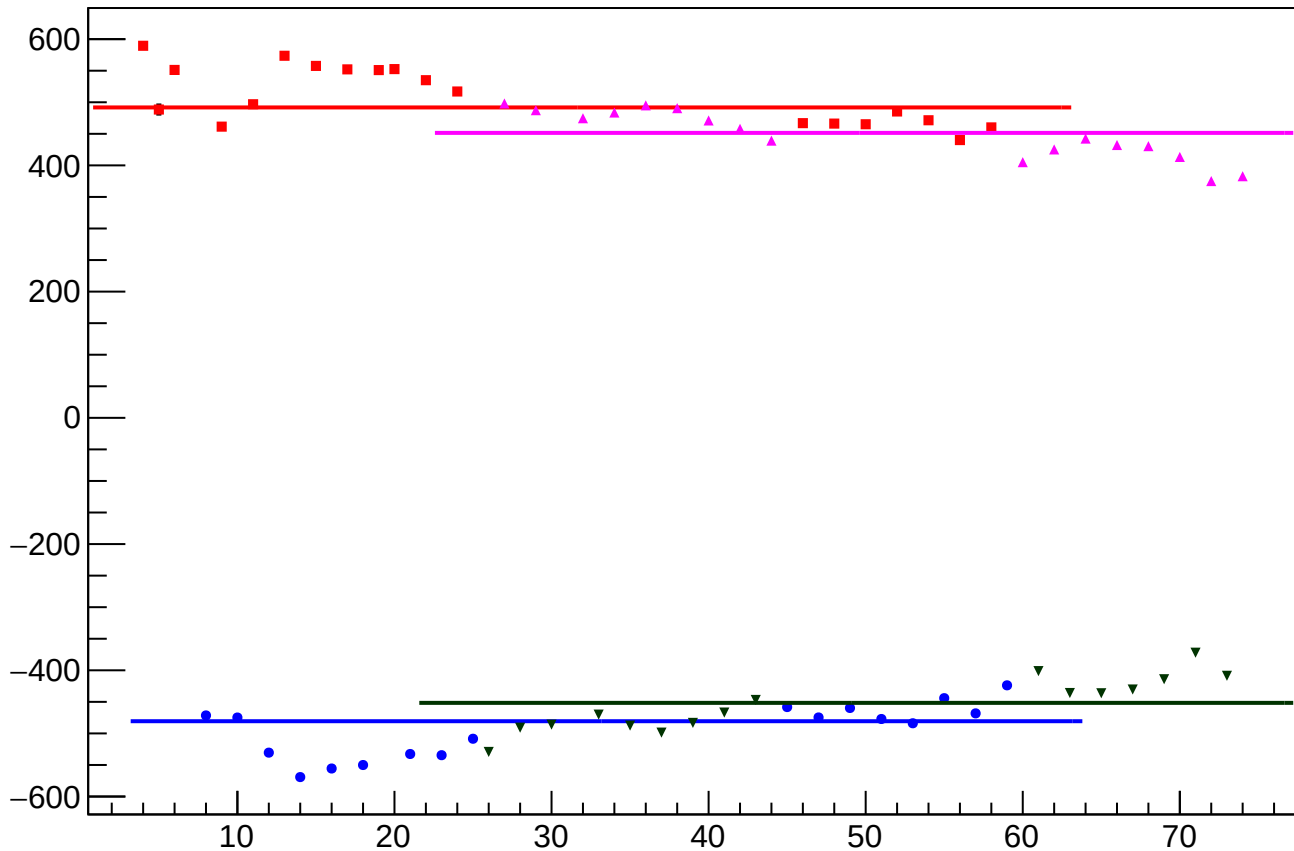
Left Out: -227.575+/-1.277 χ^2/NDF : 3405.9/15

19.949+/-0.543 χ^2/NDF : 288353.9/68

Right Out: 299.341+/-0.982 χ^2/NDF : 25899.0/18

Left In: 216.646+/-1.168 χ^2/NDF : 6020.6/16

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -480.660+/-0.241 χ^2 /NDF: 24089.6/16

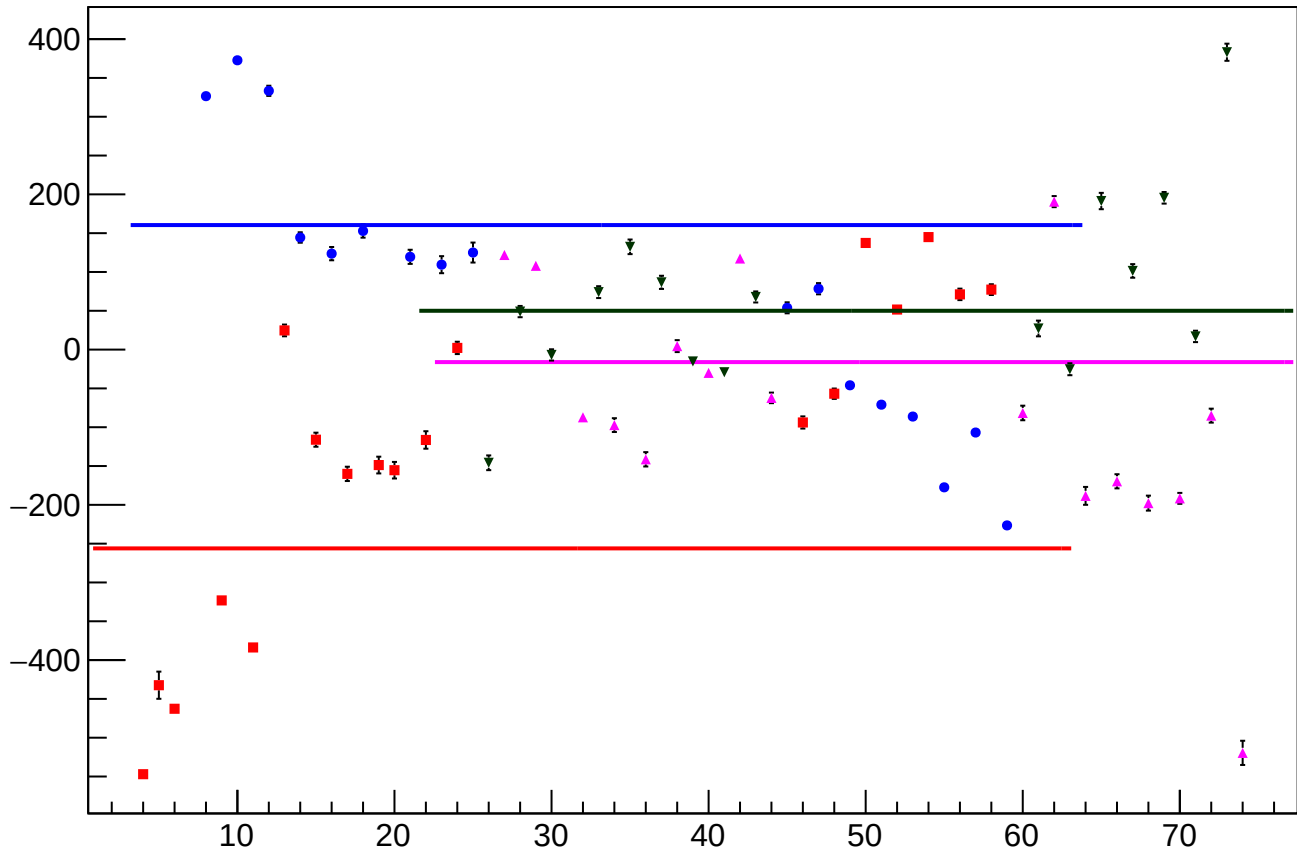
Left Out: -451.582+/-0.245 χ^2 /NDF:23090.5/15

Right Out: 491.802+/-0.264 χ^2 /NDF: 22608.7/18

Left In: 451.483+/-0.233 χ^2 /NDF:19270.2/16

-5.891+/-0.123 χ^2 /NDF: 14666296.3/68

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 160.436 $\pm$ 1.281 χ^2 /NDF: 26288.9/16

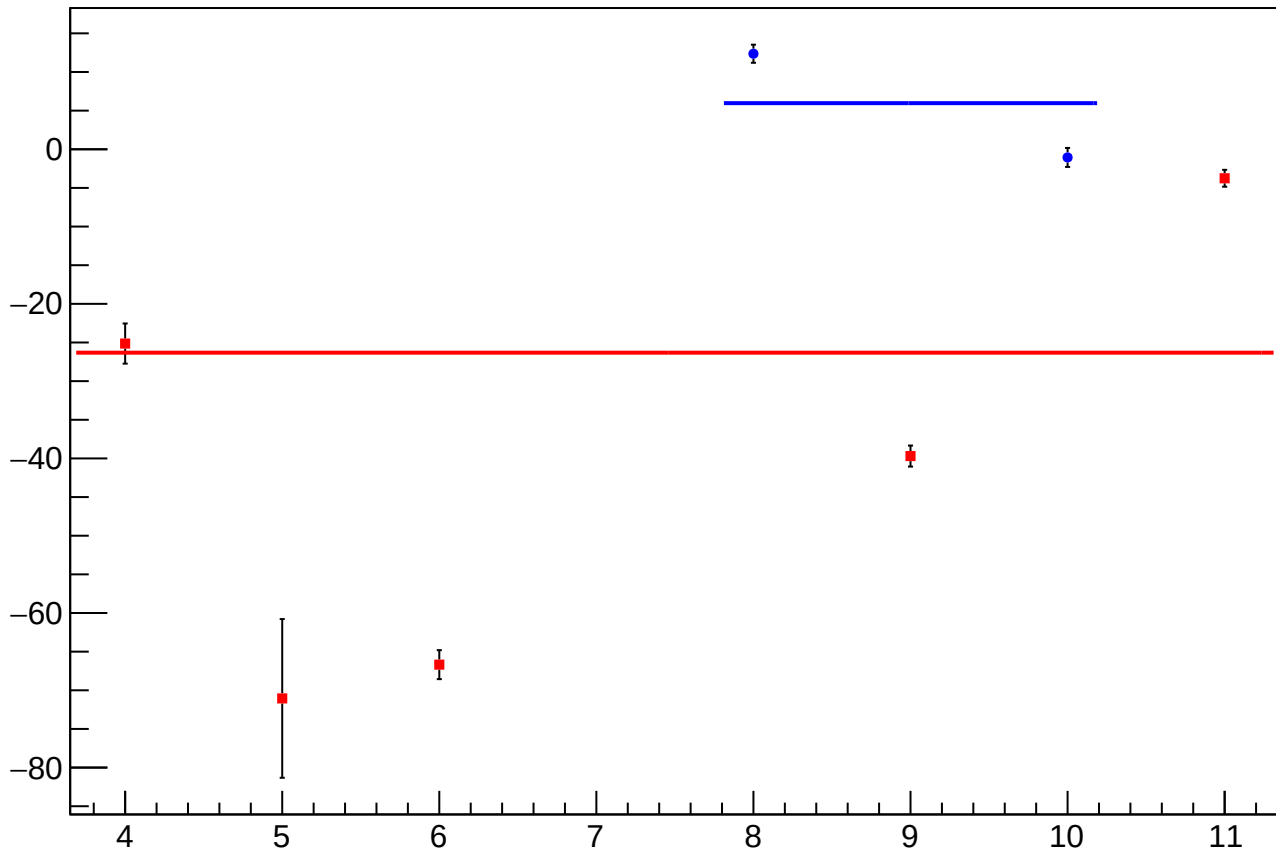
Left Out: 50.010 $\pm$ 1.957 χ^2 /NDF: 2522.7/15

Right Out: -256.116 $\pm$ 1.235 χ^2 /NDF: 34026.6/18

Left In: -16.101 $\pm$ 1.795 χ^2 /NDF: 5689.1/16

-33.744 $\pm$ 0.738 χ^2 /NDF: 125833.0/68

reg_asym_sam_26_dd_diff_bpm12X_slope vs slug



Right In: 5.968 $\pm$ 0.848 χ^2 /NDF: 62.5/1

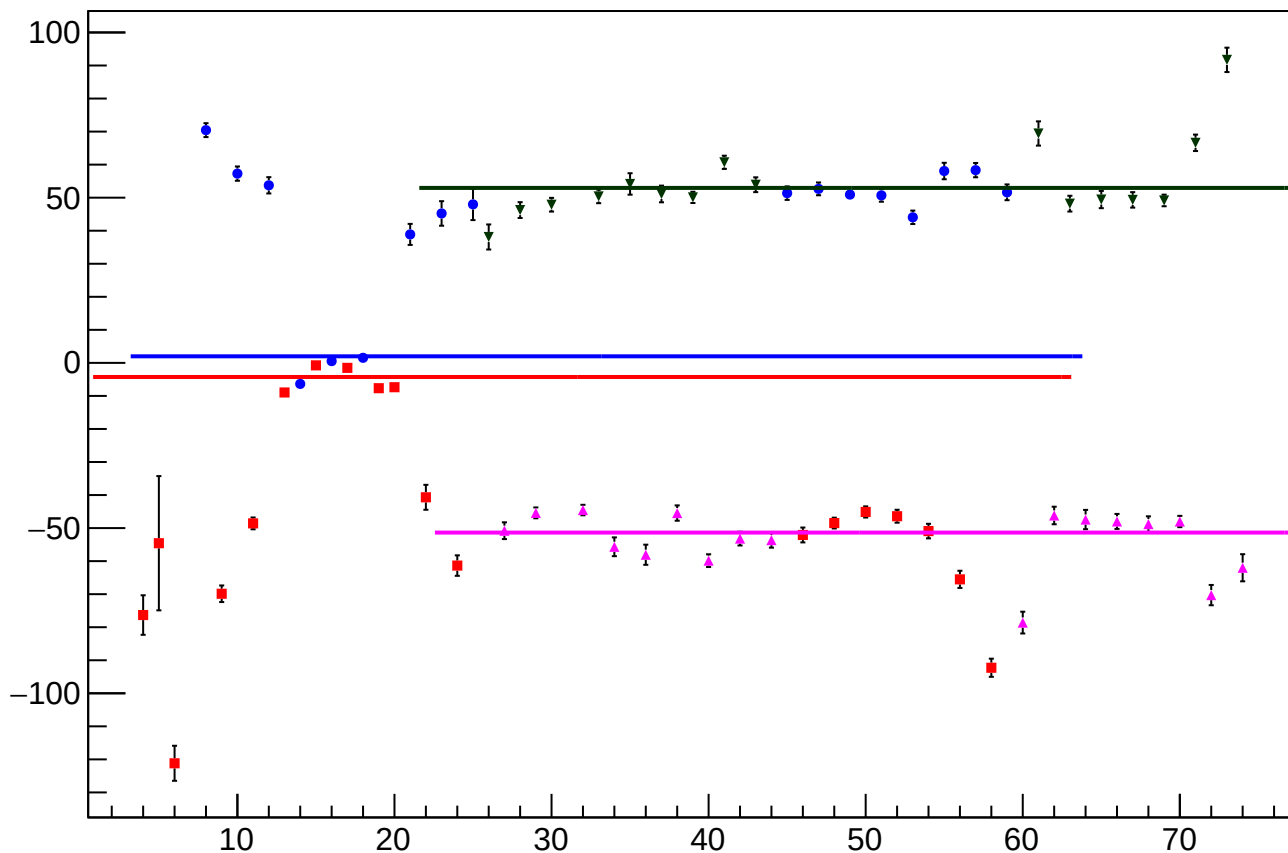
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.338 $\pm$ 0.558 χ^2 /NDF: 1891.2/6

Right Out: -26.317 $\pm$ 0.741 χ^2 /NDF: 1006.6/4

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

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 1.987 ± 0.137 χ^2/NDF : 9425.6/16

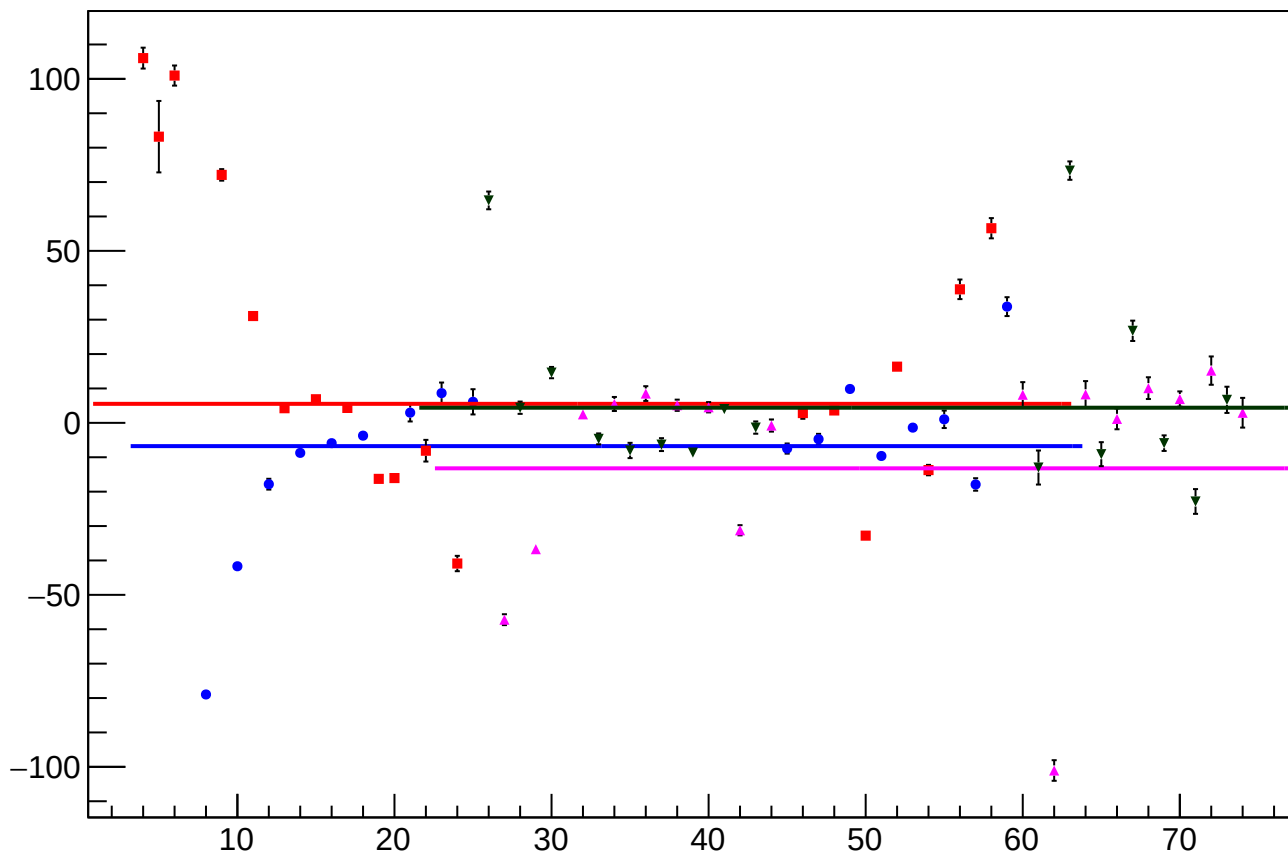
Left Out: 52.954 ± 0.588 χ^2/NDF : 222.8/15

Right Out: -4.268 ± 0.146 χ^2/NDF : 7094.5/18

Left In: -51.357 ± 0.553 χ^2/NDF : 192.3/16

-1.005 ± 0.097 χ^2/NDF : 34623.4/68

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.763 ± 0.103 $\chi^2/\text{NDF}: 5108.0/16$

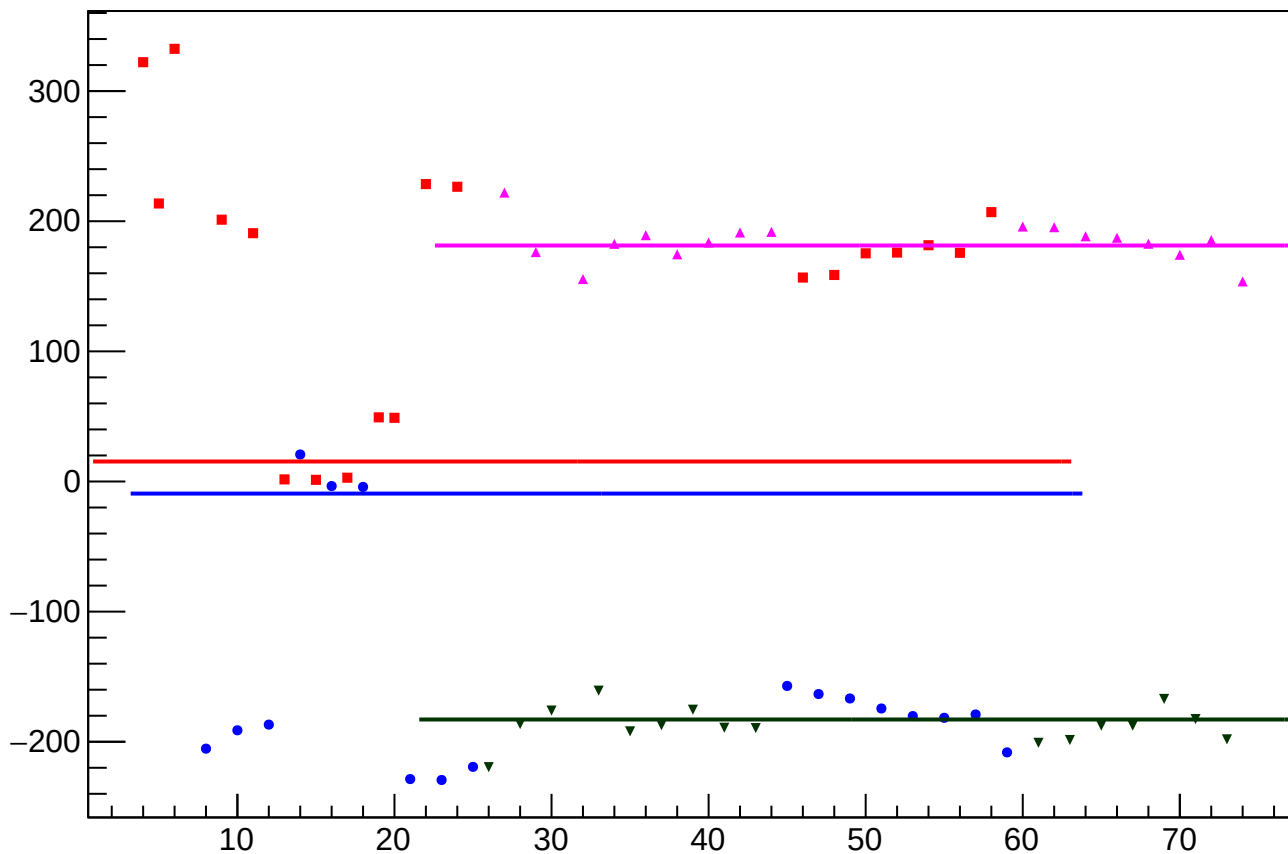
Left Out: 4.402 ± 0.510 $\chi^2/\text{NDF}: 1624.2/15$

Right Out: 5.529 ± 0.111 $\chi^2/\text{NDF}: 9044.4/18$

Left In: -13.220 ± 0.472 $\chi^2/\text{NDF}: 3079.6/16$

-1.264 ± 0.073 $\chi^2/\text{NDF}: 26270.7/68$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -9.282+/-0.026 χ^2/NDF : 3385003.8/16

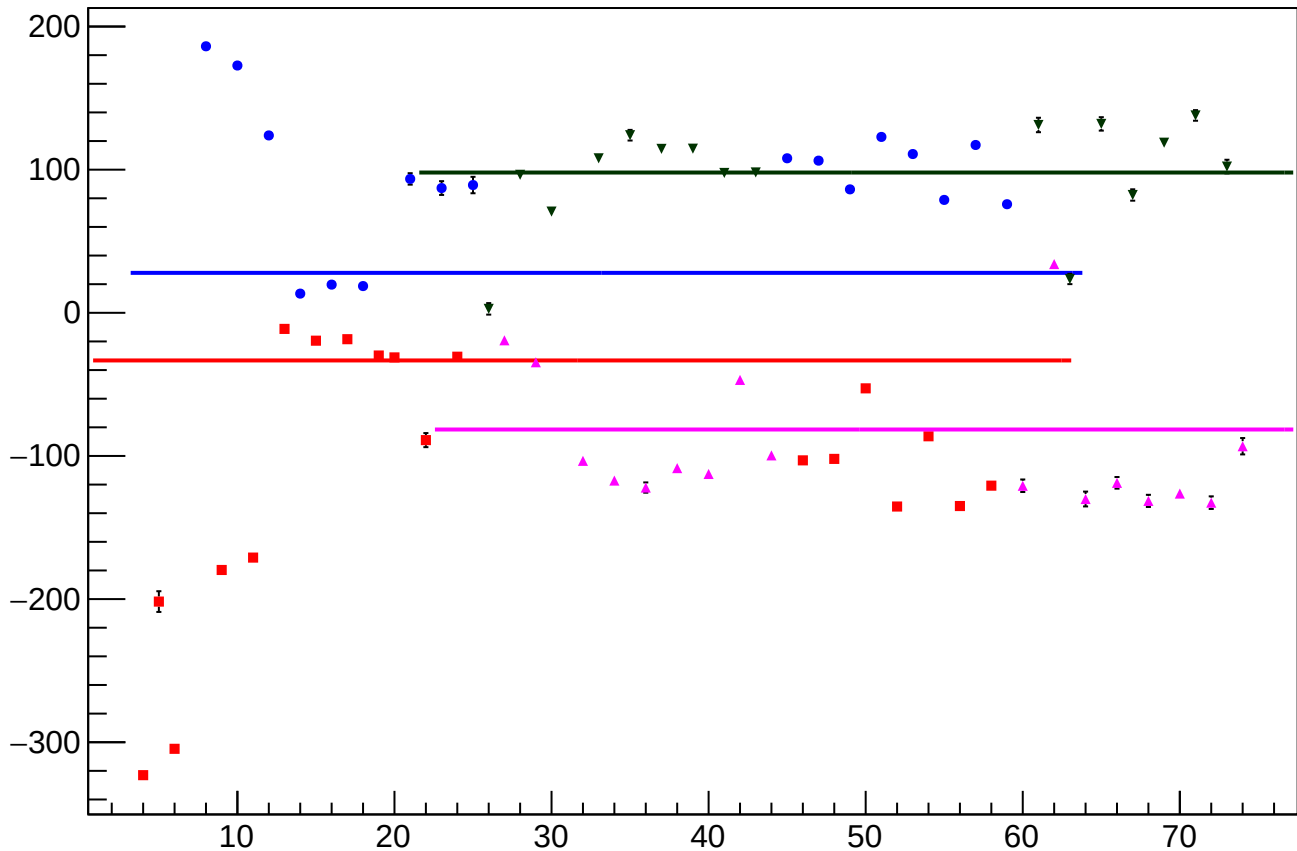
Left Out: -182.899+/-0.101 χ^2/NDF :15555.4/15

2.735+/-0.019 χ^2/NDF : 13334503.2/68

Right Out: 15.370+/-0.028 χ^2/NDF : 2629001.3/18

Left In: 181.347+/-0.096 χ^2/NDF :24778.8/16

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 27.914+/-0.158 χ^2/NDF : 52165.3/16

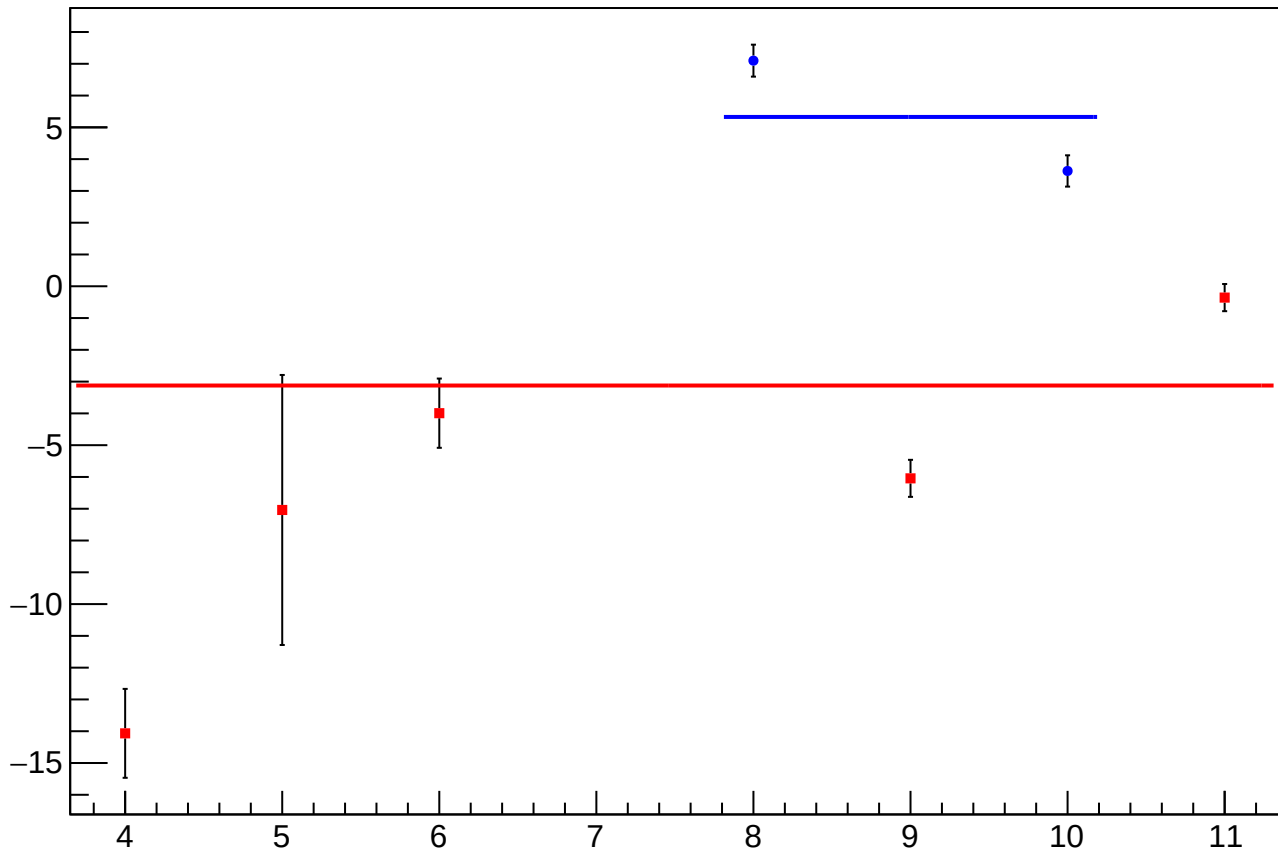
Left Out: 98.004+/-0.798 χ^2/NDF : 1515.1/15

Right Out: -33.277+/-0.170 χ^2/NDF : 82573.7/18

Left In: -81.522+/-0.741 χ^2/NDF : 3883.8/16

-0.407+/-0.113 χ^2/NDF : 236726.4/68

reg_asym_sam_48_avg_diff_bpm12X_slope vs slug



Right In: 5.328 $\pm$ 0.352 χ^2 /NDF: 24.3/1

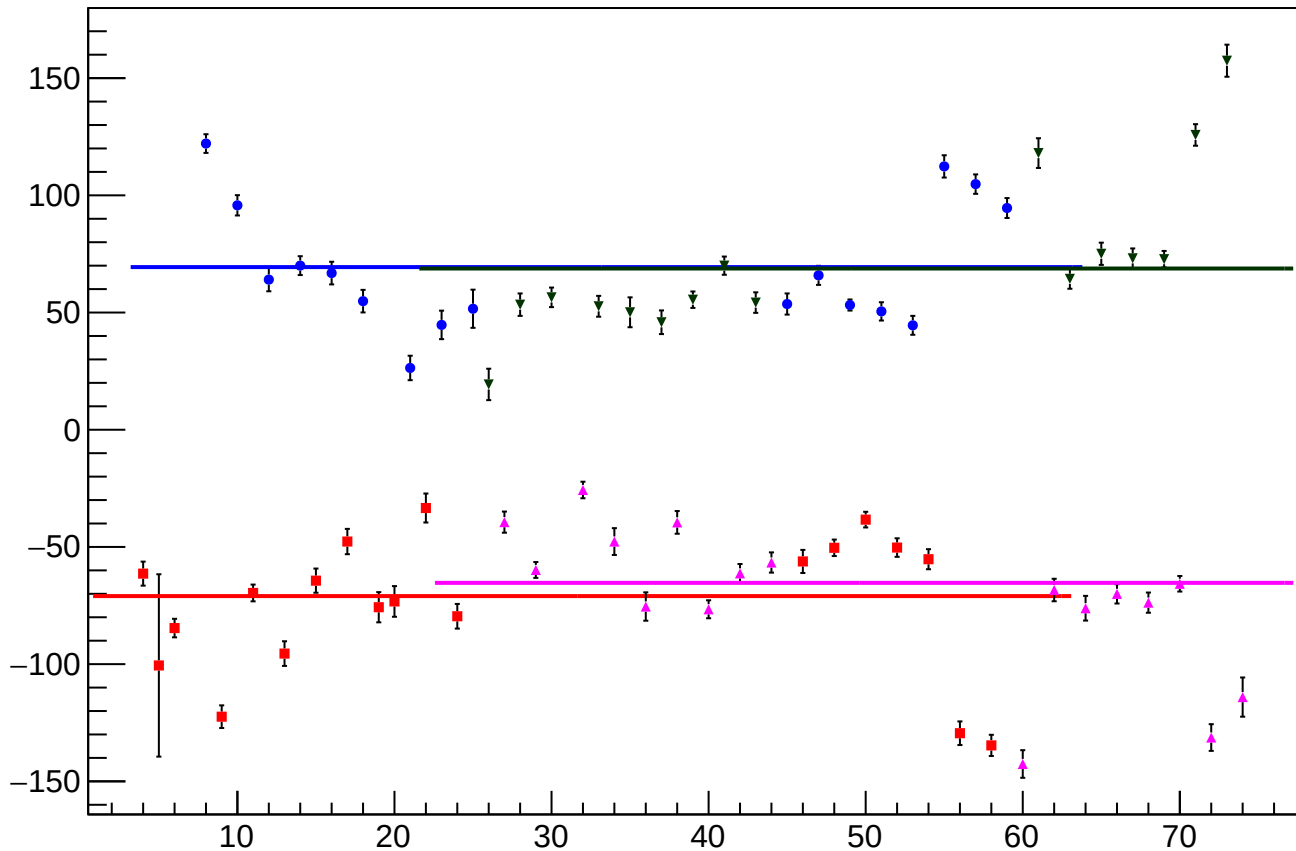
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.123 $\pm$ 0.319 χ^2 /NDF: 129.8/4

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

0.687 $\pm$ 0.236 χ^2 /NDF: 470.7/6

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 69.390+/-1.022 χ^2/NDF : 622.8/16

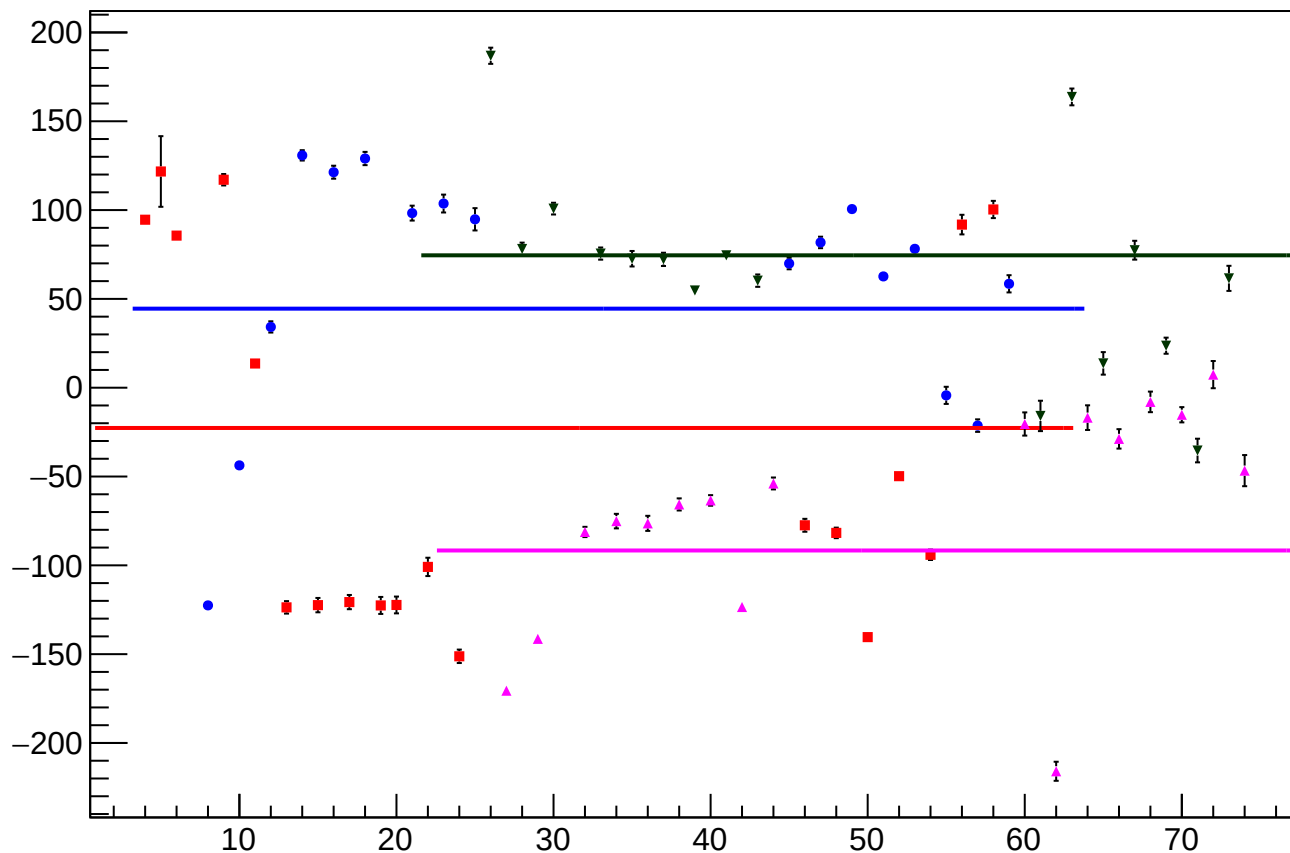
Left Out: 68.783+/-1.141 χ^2/NDF : 528.0/15

0.621+/-0.539 χ^2/NDF : 18682.0/68

Right Out: -70.964+/-1.078 χ^2/NDF : 724.6/18

Left In: -65.320+/-1.079 χ^2/NDF : 566.0/16

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 44.504 $\pm$ 0.752 χ^2 /NDF: 10034.7/16

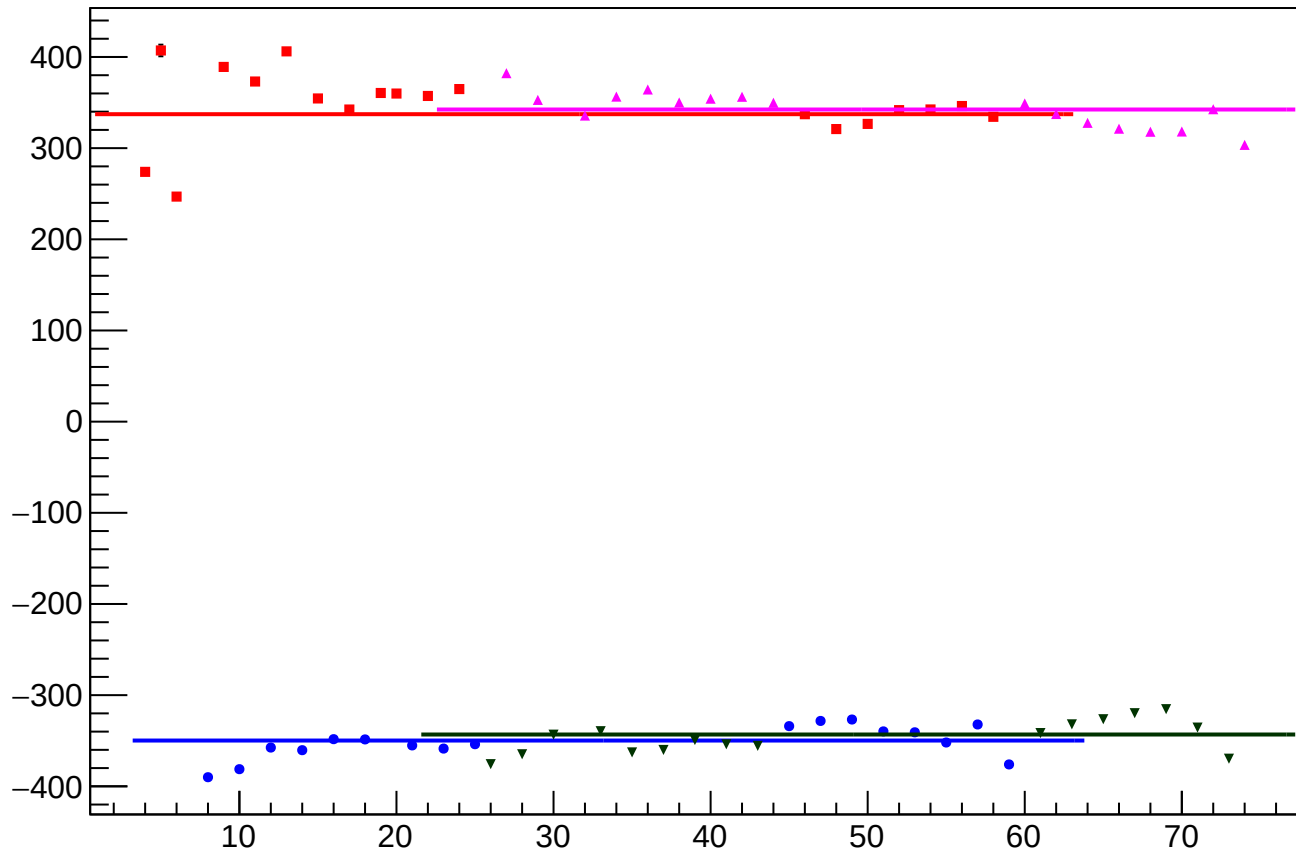
Left Out: 74.529 $\pm$ 1.004 χ^2 /NDF:1708.1/15

Right Out: -22.668 $\pm$ 0.699 χ^2 /NDF: 15989.5/18

Left In: -91.633 $\pm$ 0.930 χ^2 /NDF:3241.3/16

0.040 $\pm$ 0.409 χ^2 /NDF: 50753.3/68

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -349.785 ± 0.184 $\chi^2/\text{NDF}: 12162.0/16$

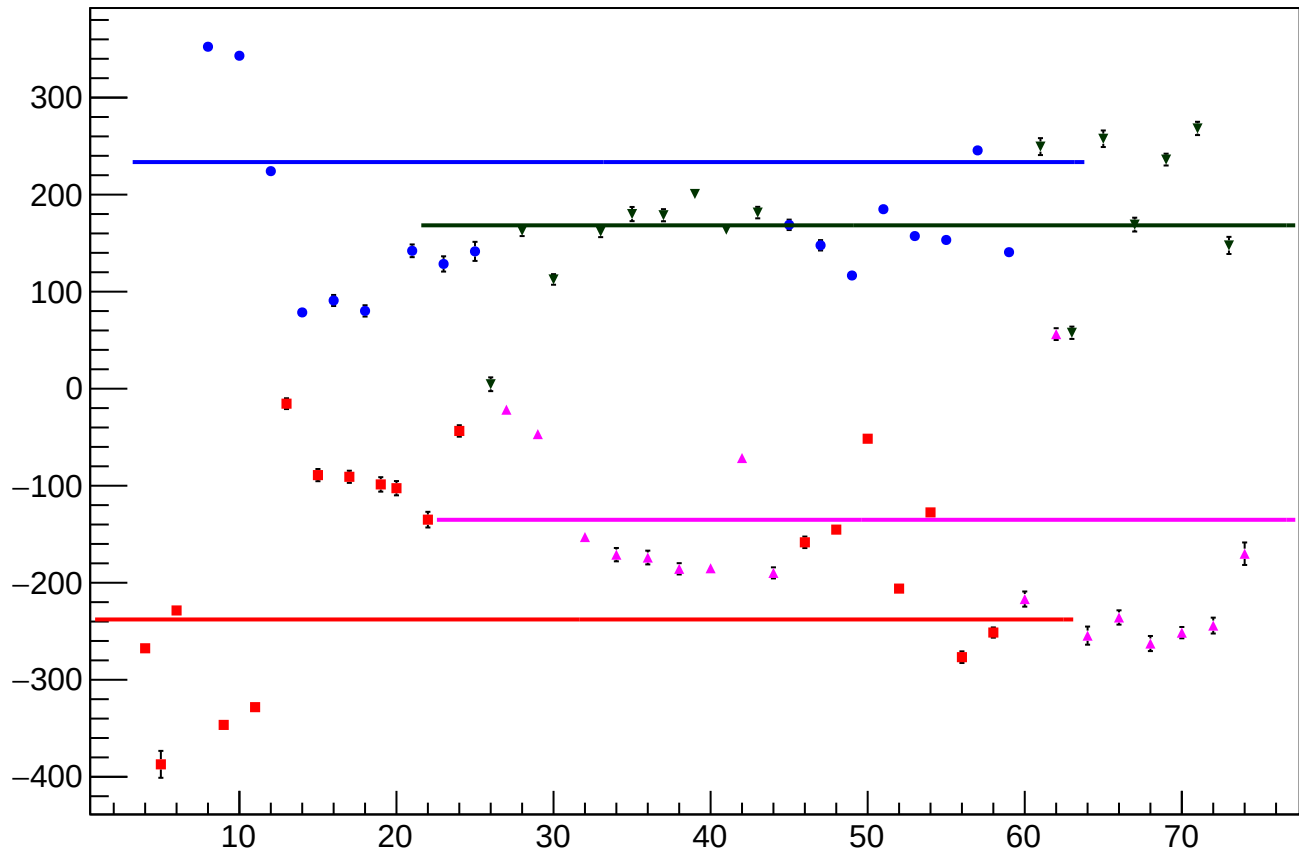
Left Out: -343.174 ± 0.196 $\chi^2/\text{NDF}: 6883.2/15$

Right Out: 337.248 ± 0.189 $\chi^2/\text{NDF}: 40841.8/18$

Left In: 342.387 ± 0.187 $\chi^2/\text{NDF}: 8691.6/16$

-0.870 ± 0.094 $\chi^2/\text{NDF}: 13274047.0/68$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 233.545 $\pm$ 0.997 χ^2 /NDF: 11218.4/16

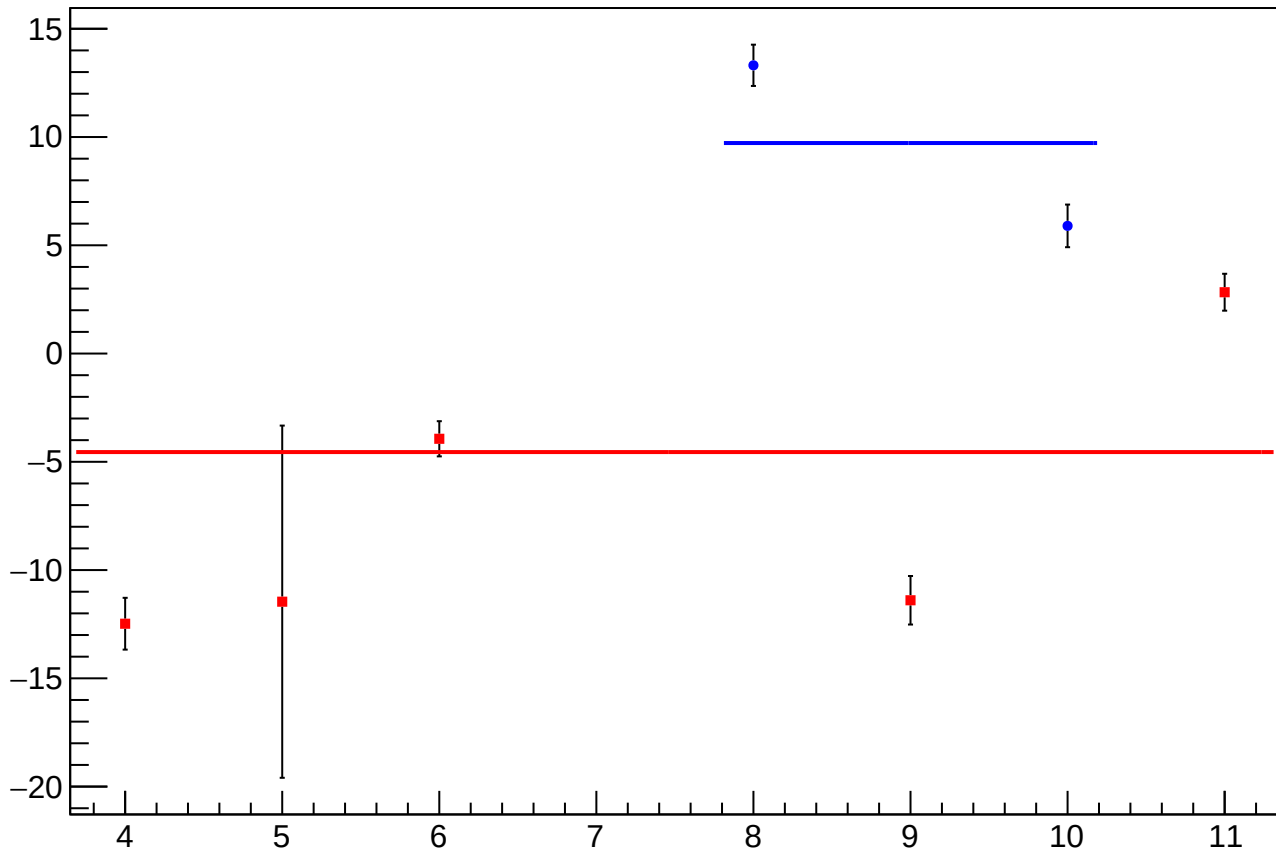
Left Out: 168.350 $\pm$ 1.556 χ^2 /NDF:1542.7/15

Right Out: -237.840 $\pm$ 0.783 χ^2 /NDF: 12095.3/18

Left In: -135.124 $\pm$ 1.443 χ^2 /NDF:3959.2/16

-42.108 $\pm$ 0.532 χ^2 /NDF: 190300.2/68

reg_asym_sam_48_dd_diff_bpm12X_slope vs slug



Right In: 9.722 $\pm$ 0.685 χ^2 /NDF: 29.3/1

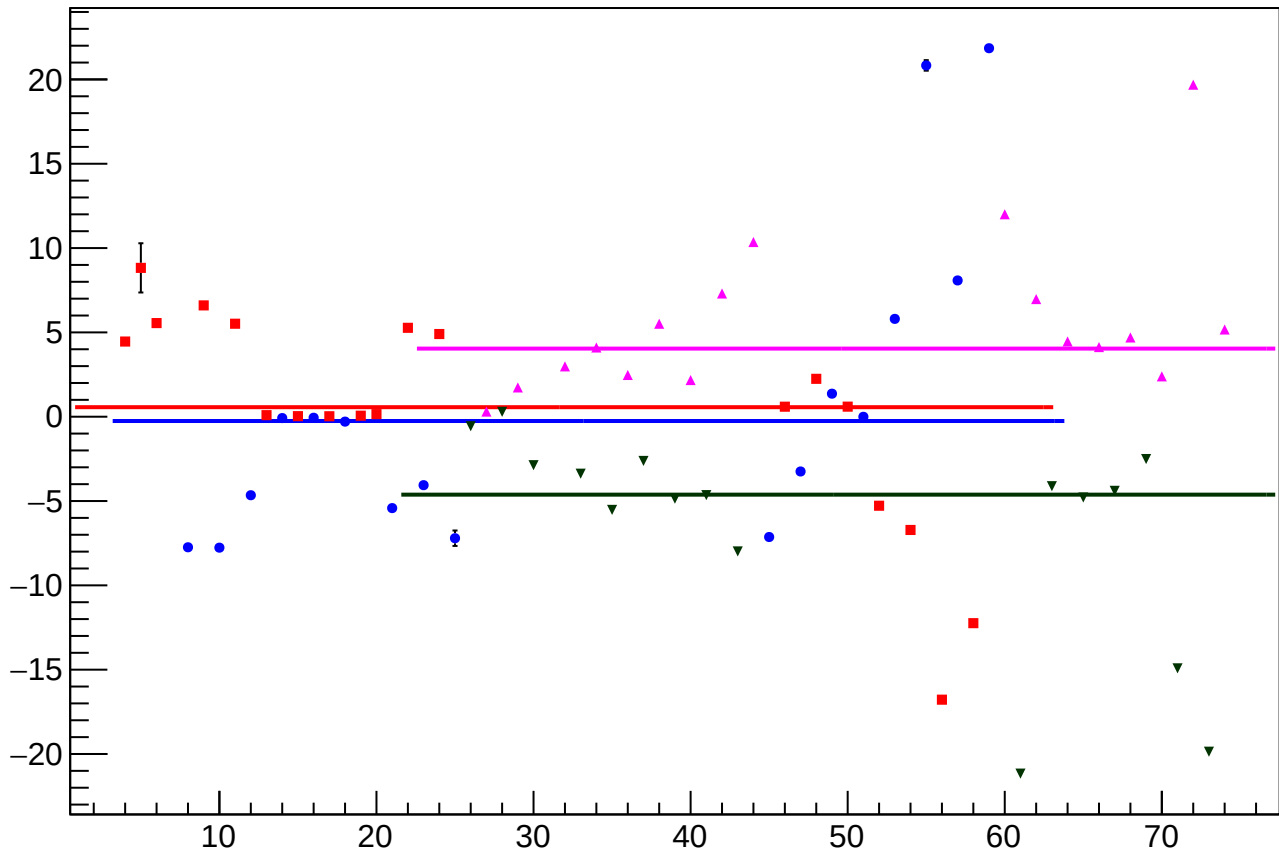
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.550 $\pm$ 0.477 χ^2 /NDF: 157.6/4

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

0.107 $\pm$ 0.391 χ^2 /NDF: 479.5/6

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.255 ± 0.034 χ^2/NDF : 25518.3/16

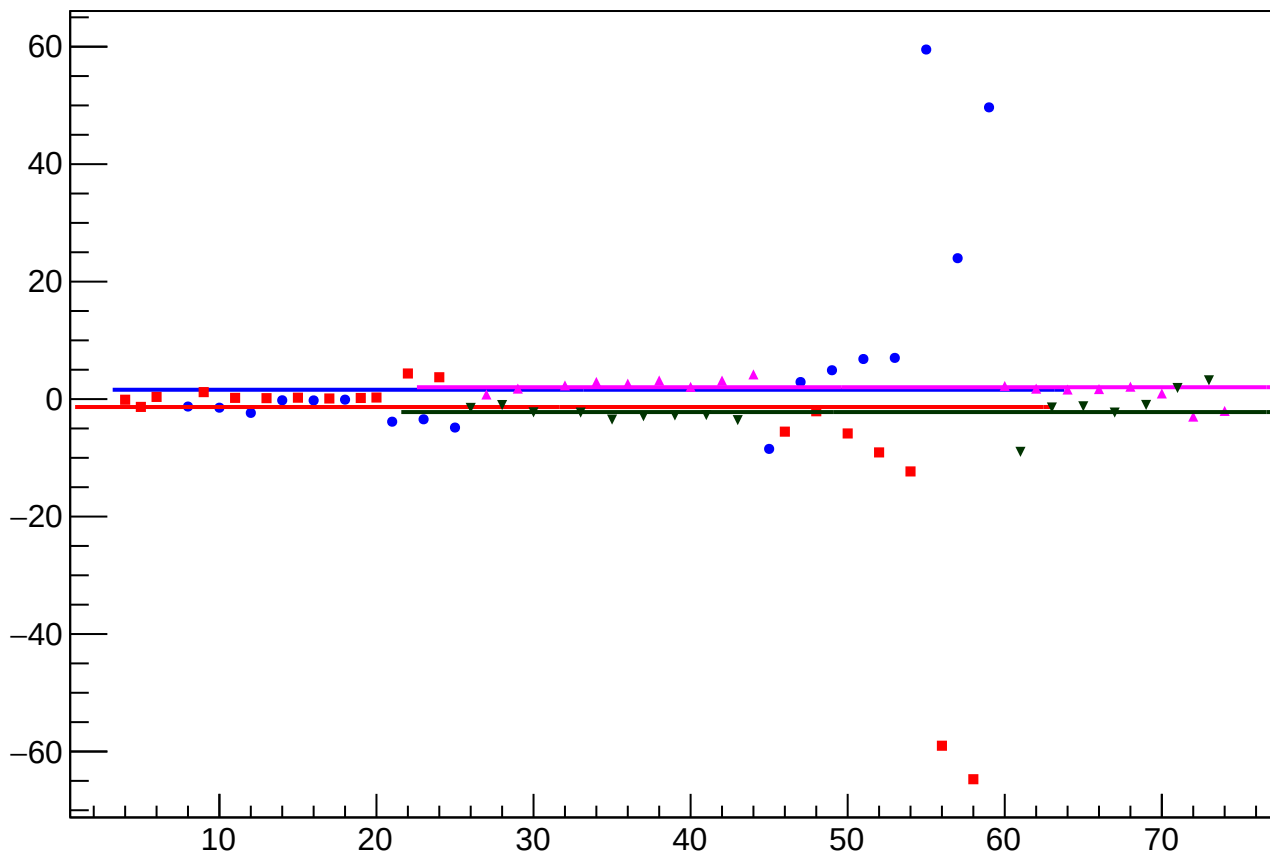
Left Out: -4.622 ± 0.041 χ^2/NDF : 12563.1/15

Right Out: 0.565 ± 0.033 χ^2/NDF : 13746.5/18

Left In: 4.039 ± 0.036 χ^2/NDF : 8496.7/16

0.191 ± 0.018 χ^2/NDF : 85564.7/68

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 1.591+/-0.025 χ^2/NDF : 99493.6/16

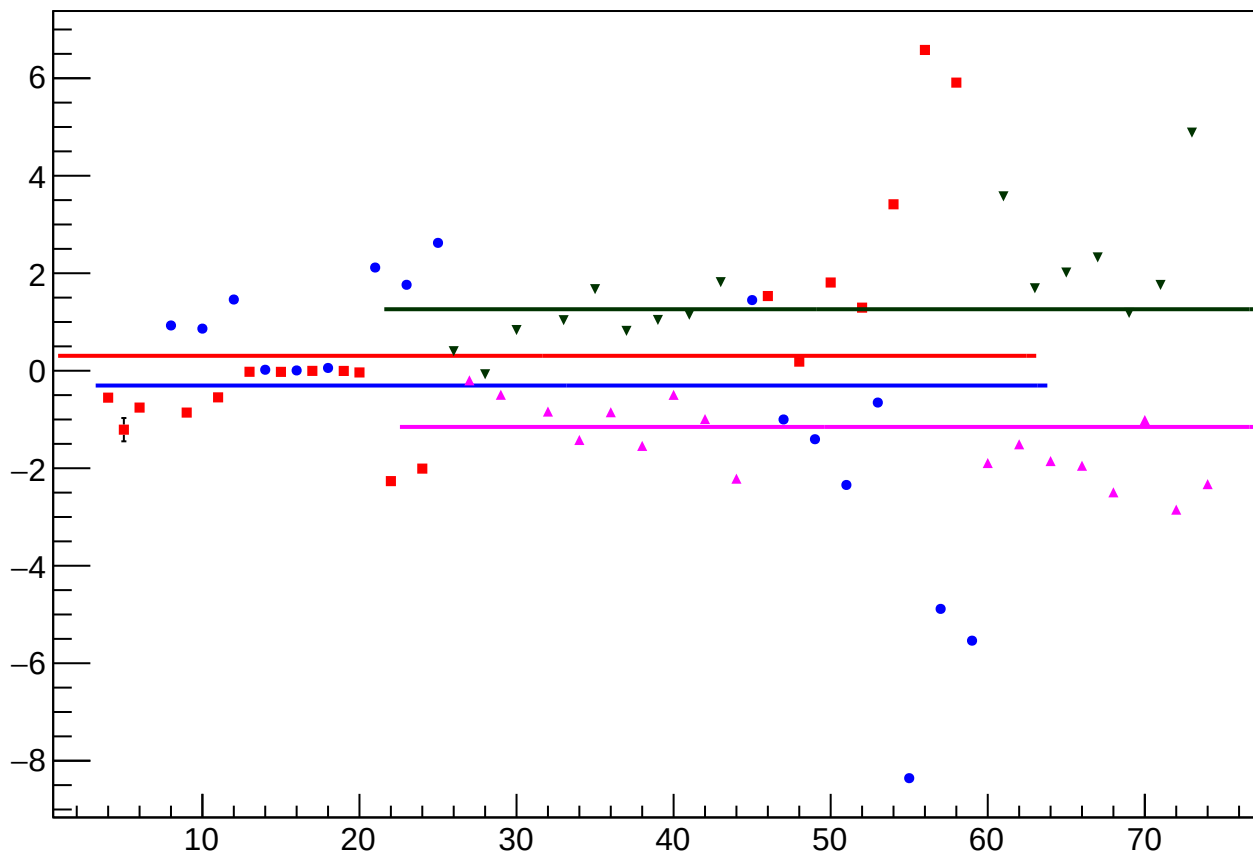
Left Out: -2.207+/-0.034 χ^2/NDF : 1467.6/15

0.009+/-0.013 χ^2/NDF : 229889.5/68

Right Out: -1.348+/-0.022 χ^2/NDF : 111309.7/18

Left In: 2.021+/-0.030 χ^2/NDF : 1132.7/16

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.303 ± 0.006 $\chi^2/\text{NDF}: 76791.9/16$

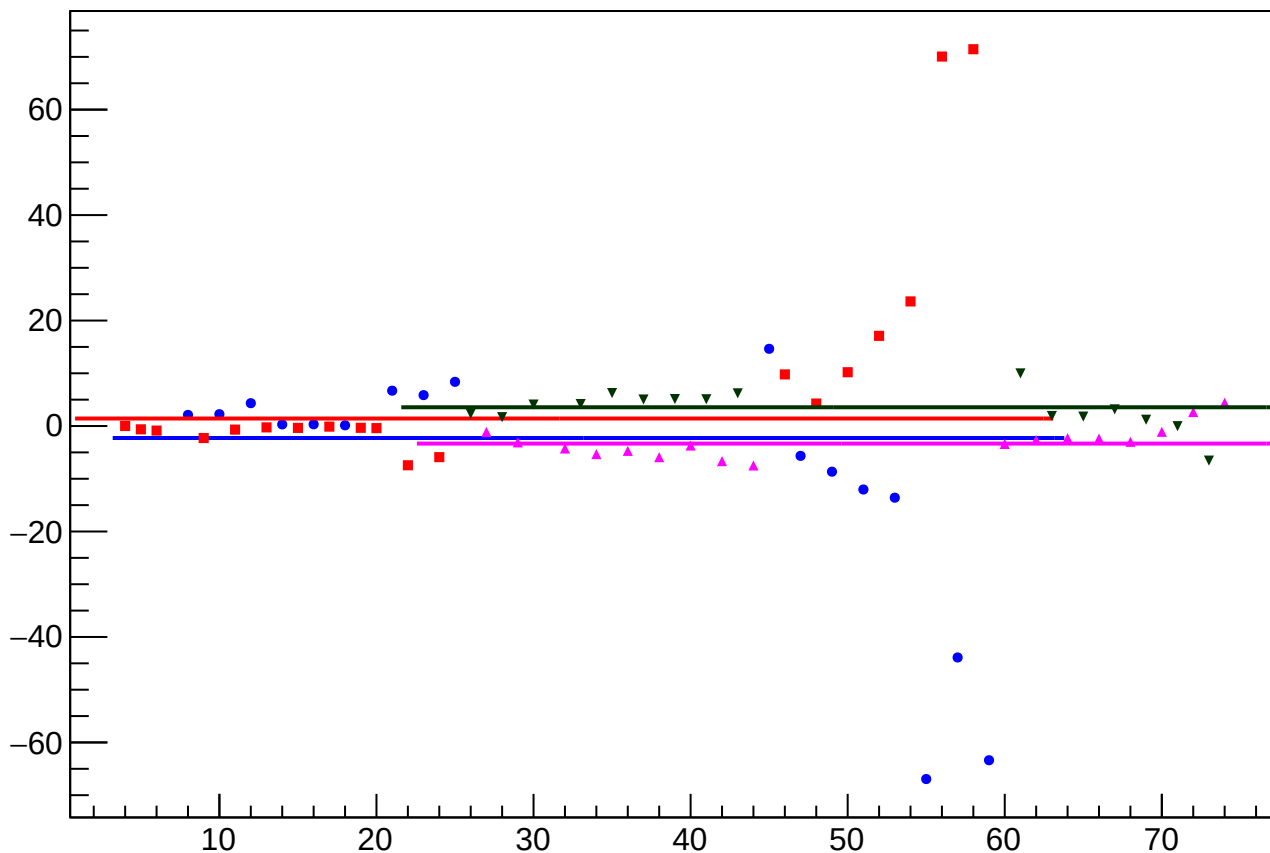
Left Out: 1.262 ± 0.007 $\chi^2/\text{NDF}: 15057.9/15$

Right Out: 0.306 ± 0.006 $\chi^2/\text{NDF}: 61355.2/18$

Left In: -1.153 ± 0.006 $\chi^2/\text{NDF}: 11678.7/16$

-0.026 ± 0.003 $\chi^2/\text{NDF}: 238234.6/68$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -2.270 ± 0.034 $\chi^2/\text{NDF}: 134083.0/16$

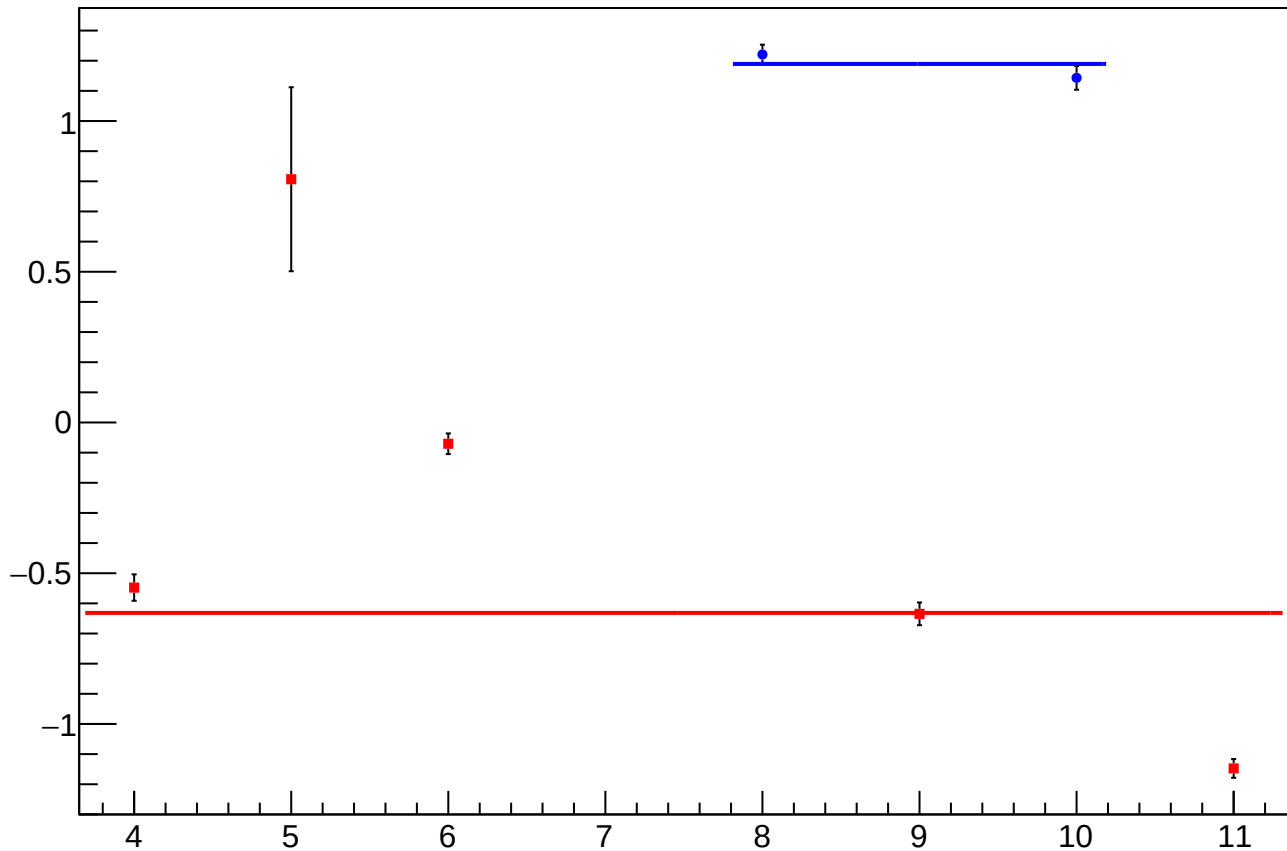
Left Out: 3.557 ± 0.054 $\chi^2/\text{NDF}: 2093.3/15$

Right Out: 1.425 ± 0.027 $\chi^2/\text{NDF}: 127351.5/18$

Left In: -3.327 ± 0.047 $\chi^2/\text{NDF}: 1897.1/16$

-0.071 ± 0.018 $\chi^2/\text{NDF}: 281810.3/68$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs slug



Right In: 1.189 $\pm$ 0.025 χ^2 /NDF: 2.3/1

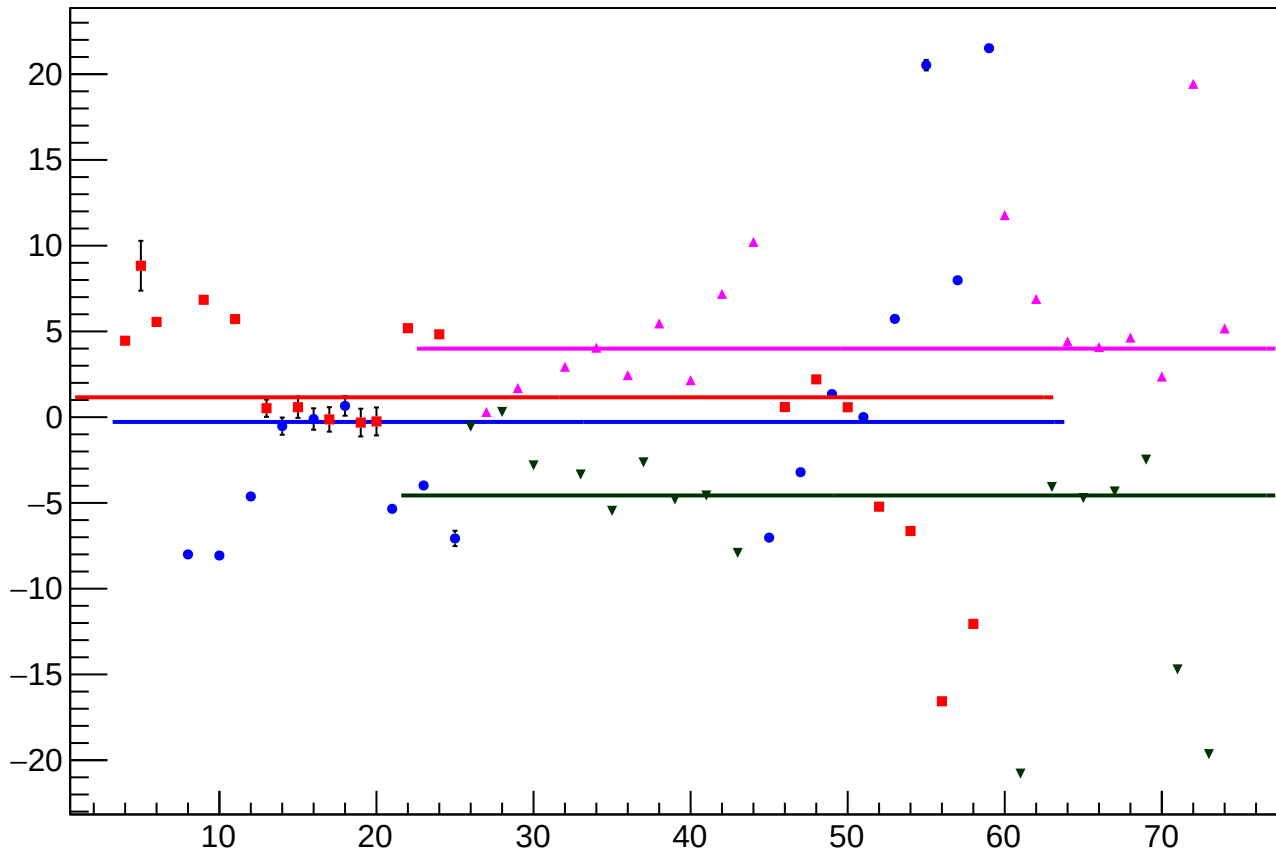
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.632 $\pm$ 0.018 χ^2 /NDF: 569.1/4

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

-0.018 $\pm$ 0.015 χ^2 /NDF: 4058.5/6

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -0.277 ± 0.049 $\chi^2/\text{NDF}: 25546.2/16$

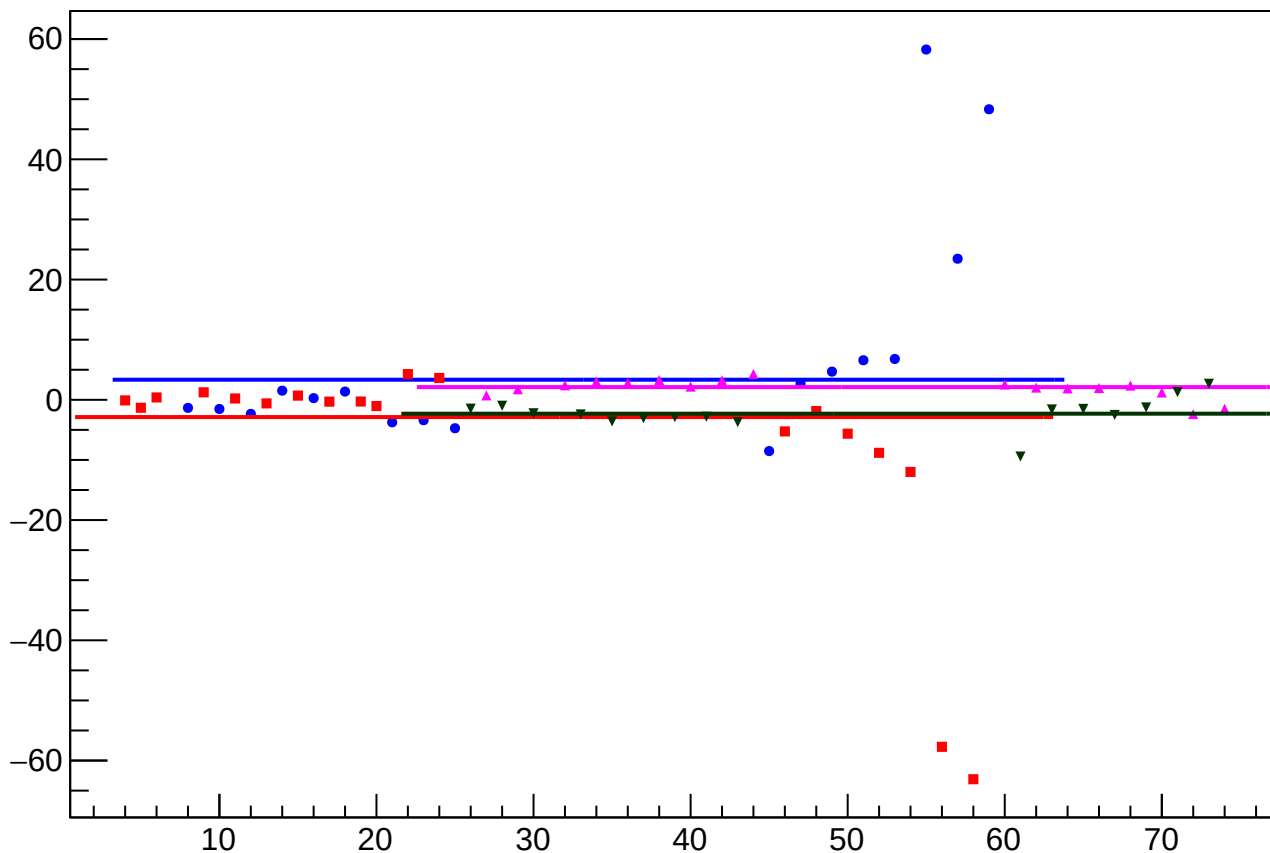
Left Out: -4.565 ± 0.040 $\chi^2/\text{NDF}: 12578.3/15$

Right Out: 1.158 ± 0.051 $\chi^2/\text{NDF}: 13531.4/18$

Left In: 3.997 ± 0.036 $\chi^2/\text{NDF}: 8504.6/16$

0.287 ± 0.021 $\chi^2/\text{NDF}: 85661.0/68$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 3.343+/-0.036 χ^2/NDF : 92705.0/16

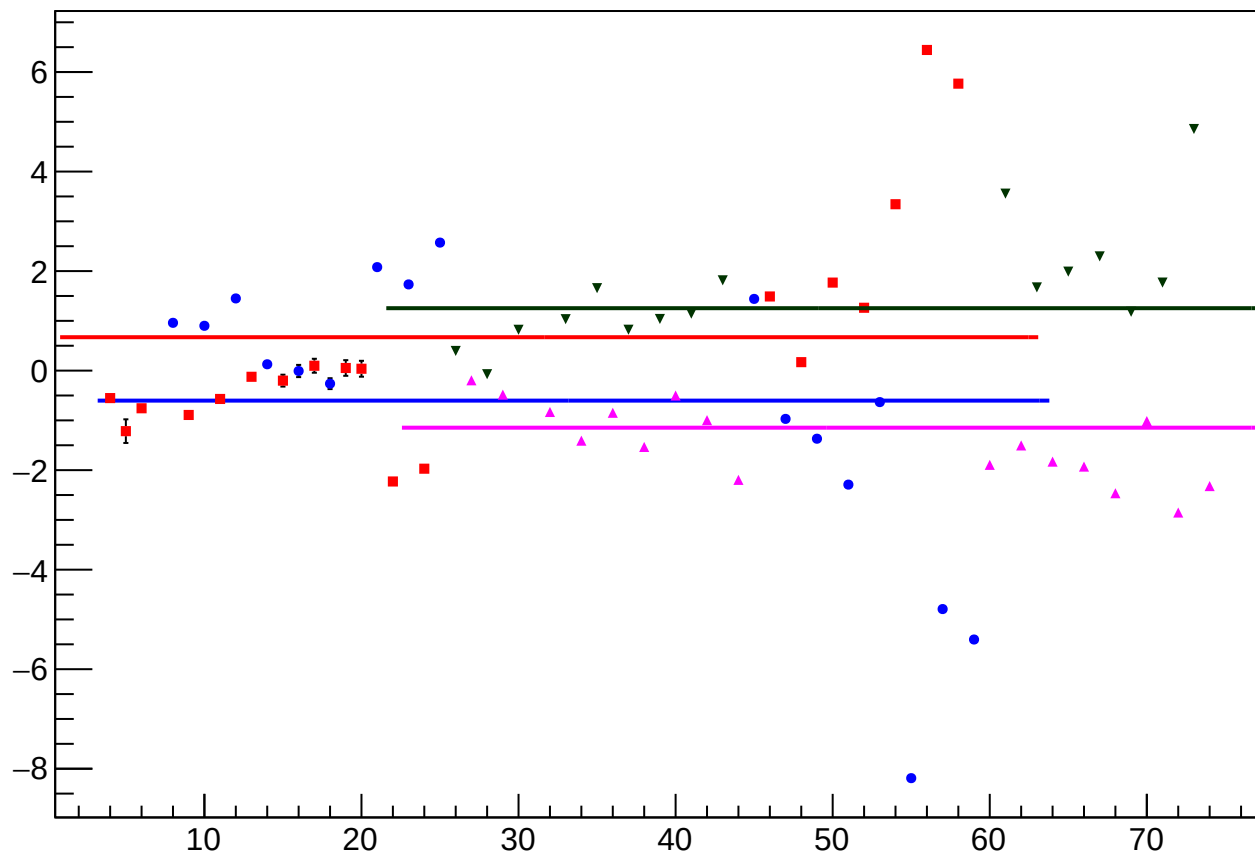
Left Out: -2.307+/-0.034 χ^2/NDF : 1505.6/15

Right Out: -2.868+/-0.031 χ^2/NDF : 104348.8/18

Left In: 2.115+/-0.030 χ^2/NDF : 1172.0/16

0.008+/-0.016 χ^2/NDF : 227005.9/68

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.603 ± 0.009 χ^2/NDF : 73286.9/16

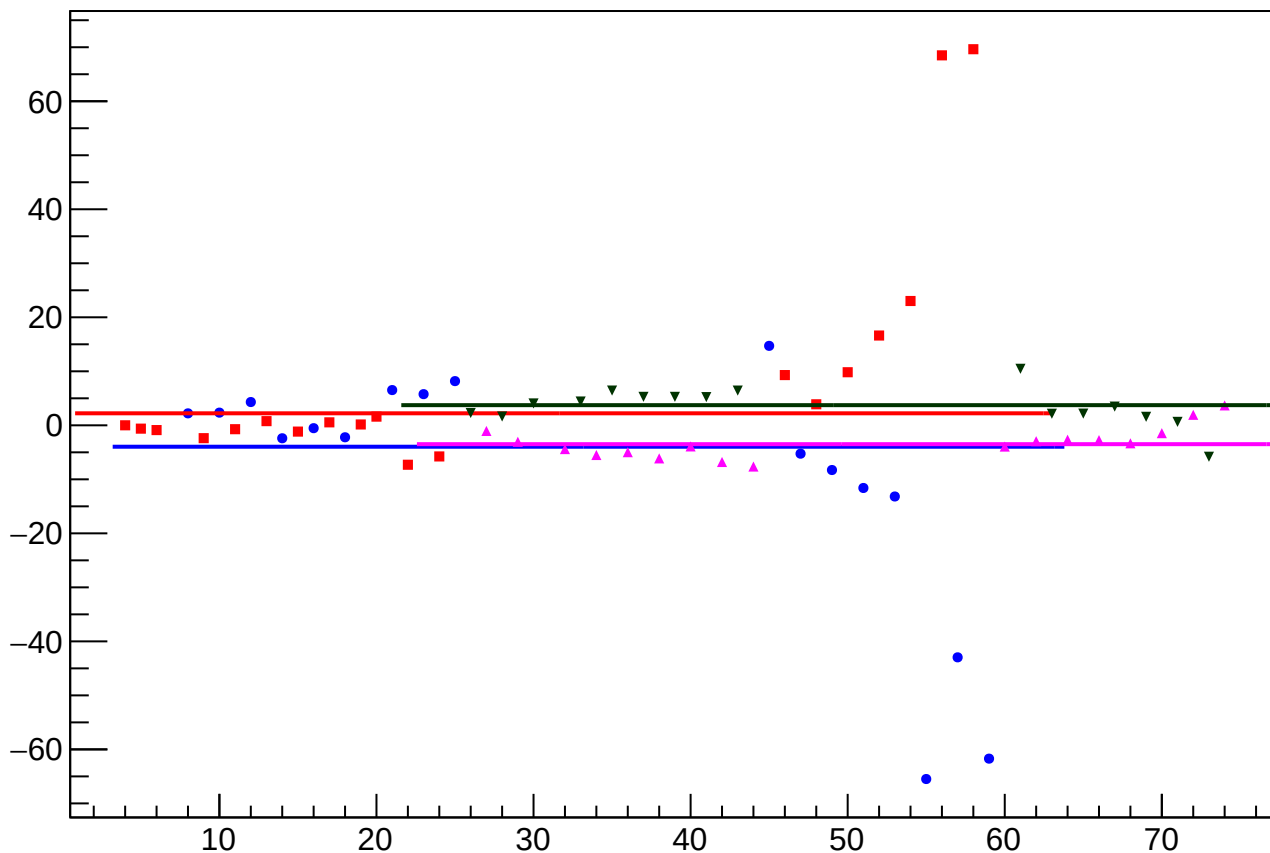
Left Out: 1.254 ± 0.007 χ^2/NDF : 15259.5/15

Right Out: 0.671 ± 0.009 χ^2/NDF : 57165.3/18

Left In: -1.147 ± 0.006 χ^2/NDF : 11811.5/16

-0.037 ± 0.004 χ^2/NDF : 237948.2/68

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -3.963 ± 0.044 $\chi^2/\text{NDF}: 127955.0/16$

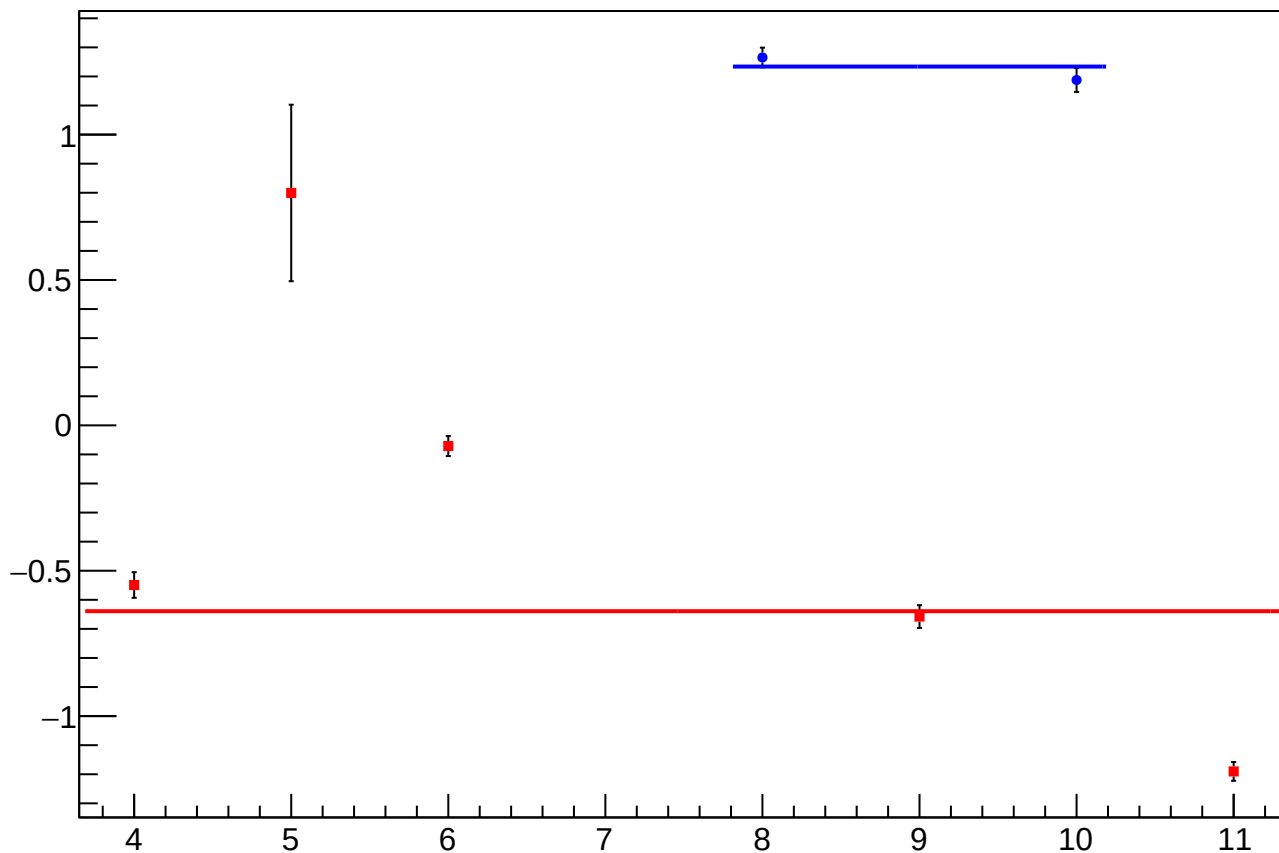
Left Out: 3.733 ± 0.053 $\chi^2/\text{NDF}: 2114.1/15$

Right Out: 2.224 ± 0.033 $\chi^2/\text{NDF}: 123039.5/18$

Left In: -3.490 ± 0.047 $\chi^2/\text{NDF}: 1933.7/16$

-0.094 ± 0.021 $\chi^2/\text{NDF}: 278152.9/68$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs slug



Right In: 1.234+/-0.026 χ^2/NDF : 2.1/1

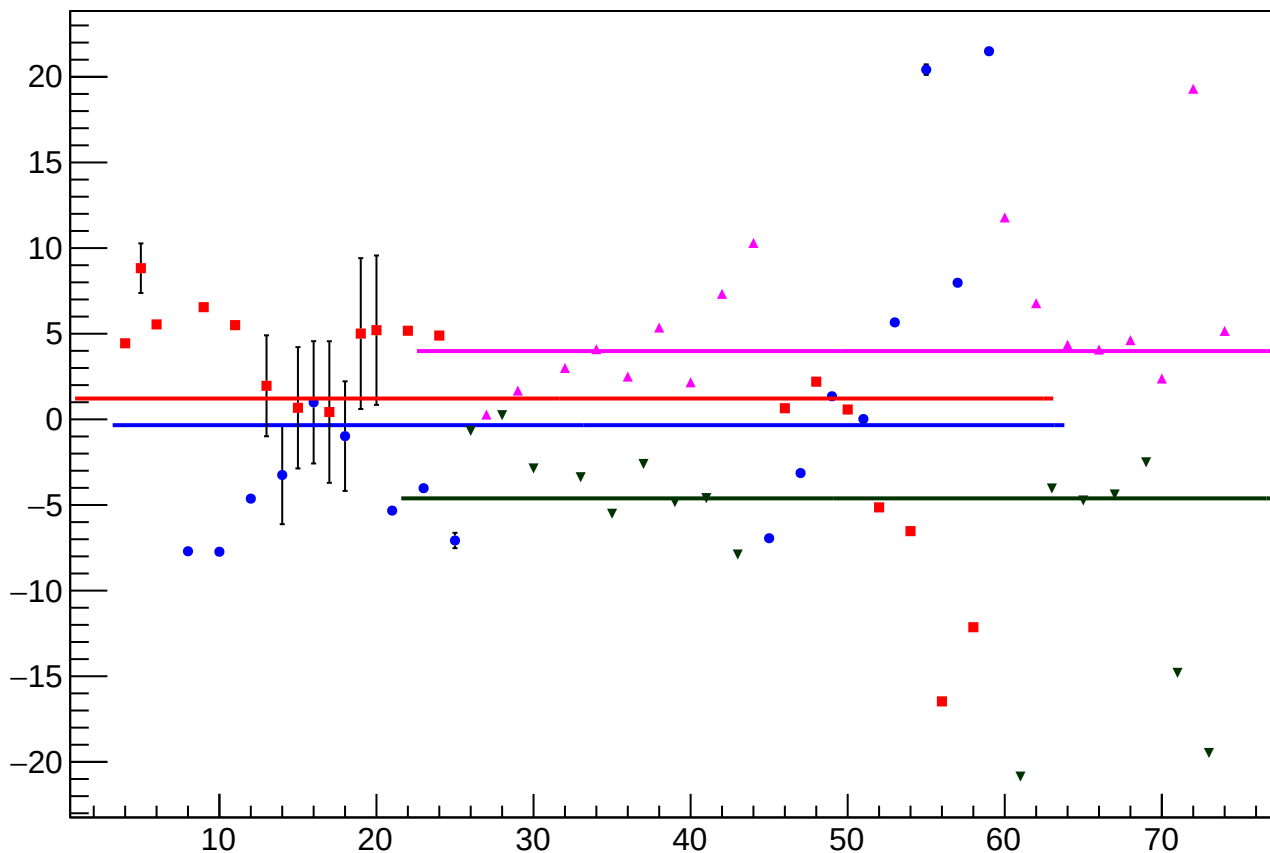
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.639+/-0.018 χ^2/NDF : 590.7/4

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

-0.021+/-0.015 χ^2/NDF : 4051.2/6

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -0.339 ± 0.048 $\chi^2/\text{NDF}: 25386.1/16$

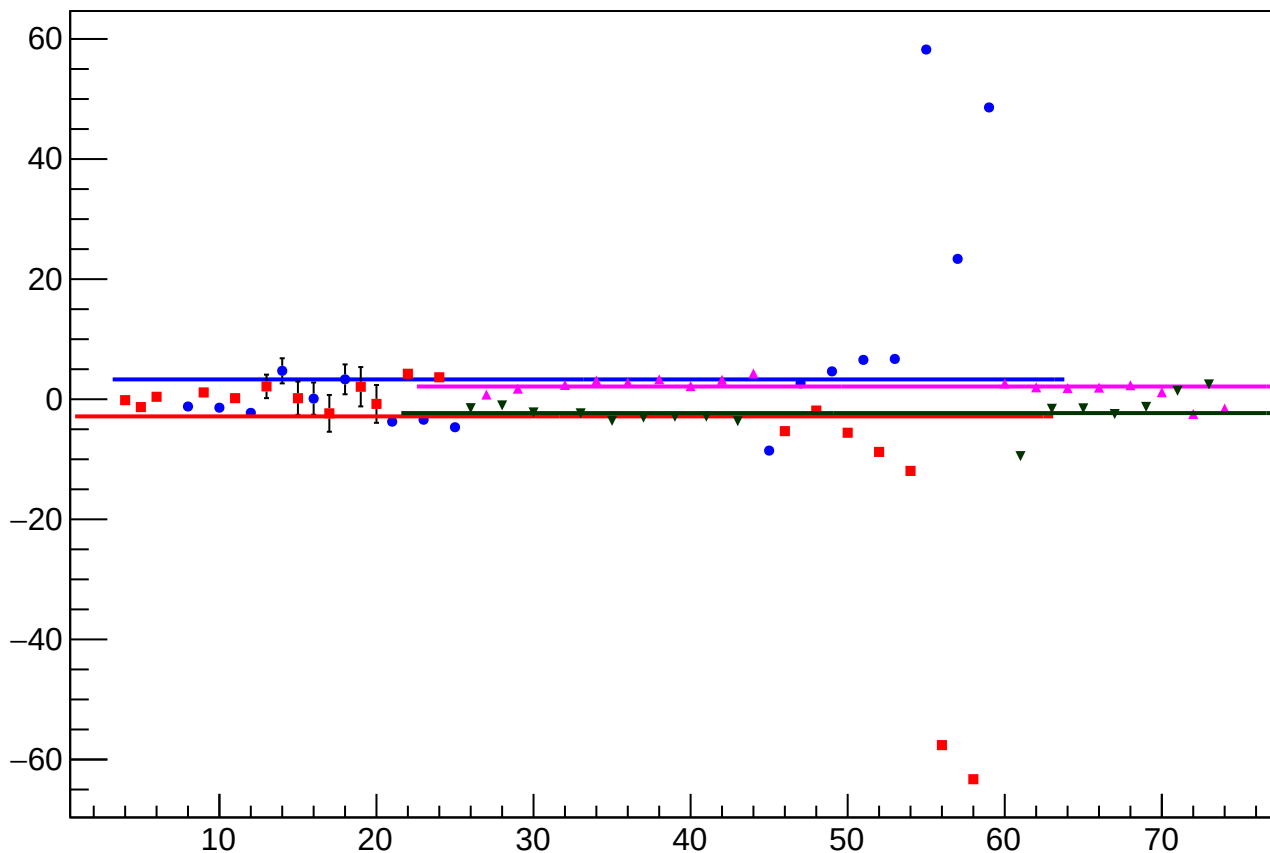
Left Out: -4.613 ± 0.040 $\chi^2/\text{NDF}: 12867.8/15$

Right Out: 1.217 ± 0.051 $\chi^2/\text{NDF}: 13421.5/18$

Left In: 3.987 ± 0.035 $\chi^2/\text{NDF}: 8579.9/16$

0.274 ± 0.021 $\chi^2/\text{NDF}: 86636.3/68$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 3.303 ± 0.035 $\chi^2/\text{NDF}: 93117.2/16$

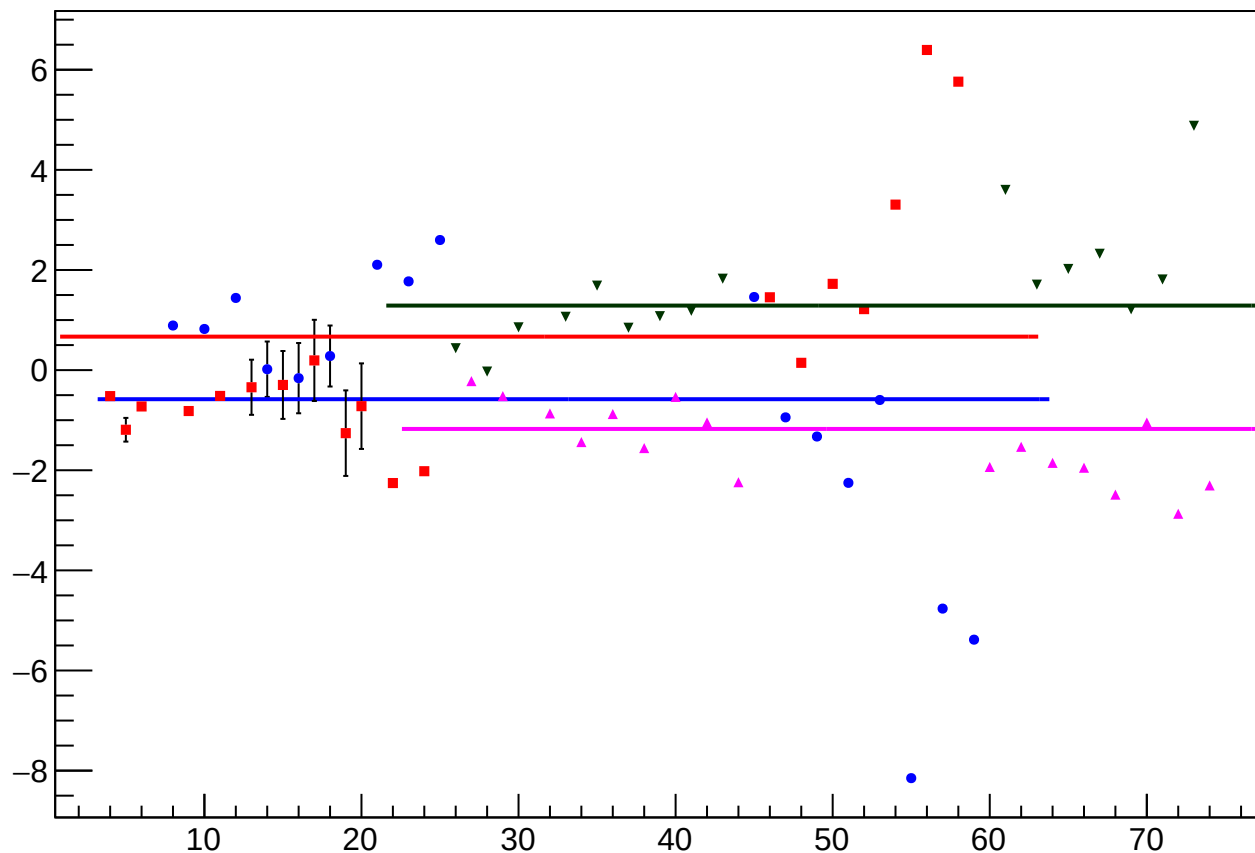
Left Out: -2.305 ± 0.034 $\chi^2/\text{NDF}: 1518.2/15$

0.007 ± 0.016 $\chi^2/\text{NDF}: 227839.7/68$

Right Out: -2.856 ± 0.031 $\chi^2/\text{NDF}: 104527.9/18$

Left In: 2.121 ± 0.029 $\chi^2/\text{NDF}: 1202.8/16$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.581 ± 0.009 $\chi^2/\text{NDF}: 72923.0/16$

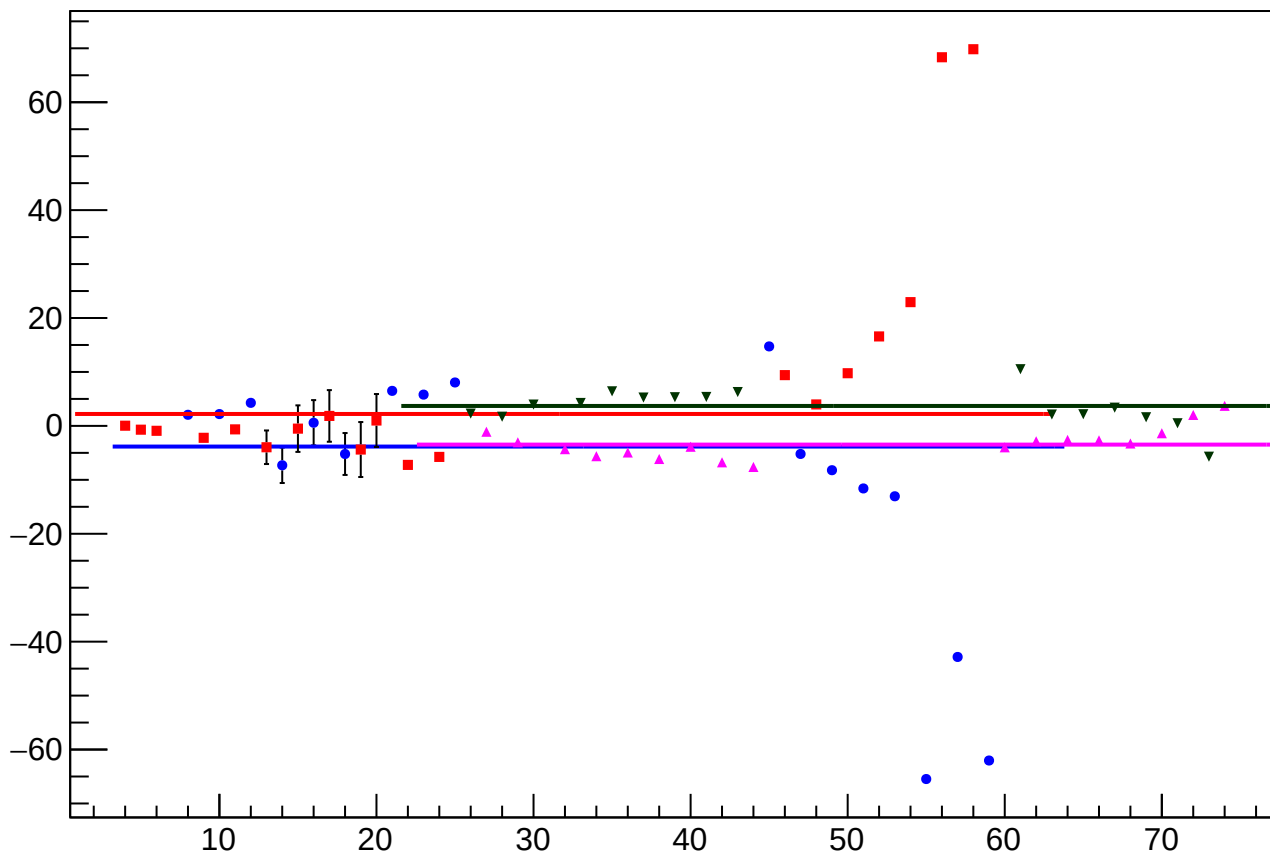
Left Out: 1.289 ± 0.007 $\chi^2/\text{NDF}: 15592.7/15$

Right Out: 0.669 ± 0.009 $\chi^2/\text{NDF}: 56370.7/18$

Left In: -1.175 ± 0.006 $\chi^2/\text{NDF}: 11881.0/16$

-0.037 ± 0.004 $\chi^2/\text{NDF}: 242143.5/68$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -3.833 ± 0.044 $\chi^2/\text{NDF}: 128631.9/16$

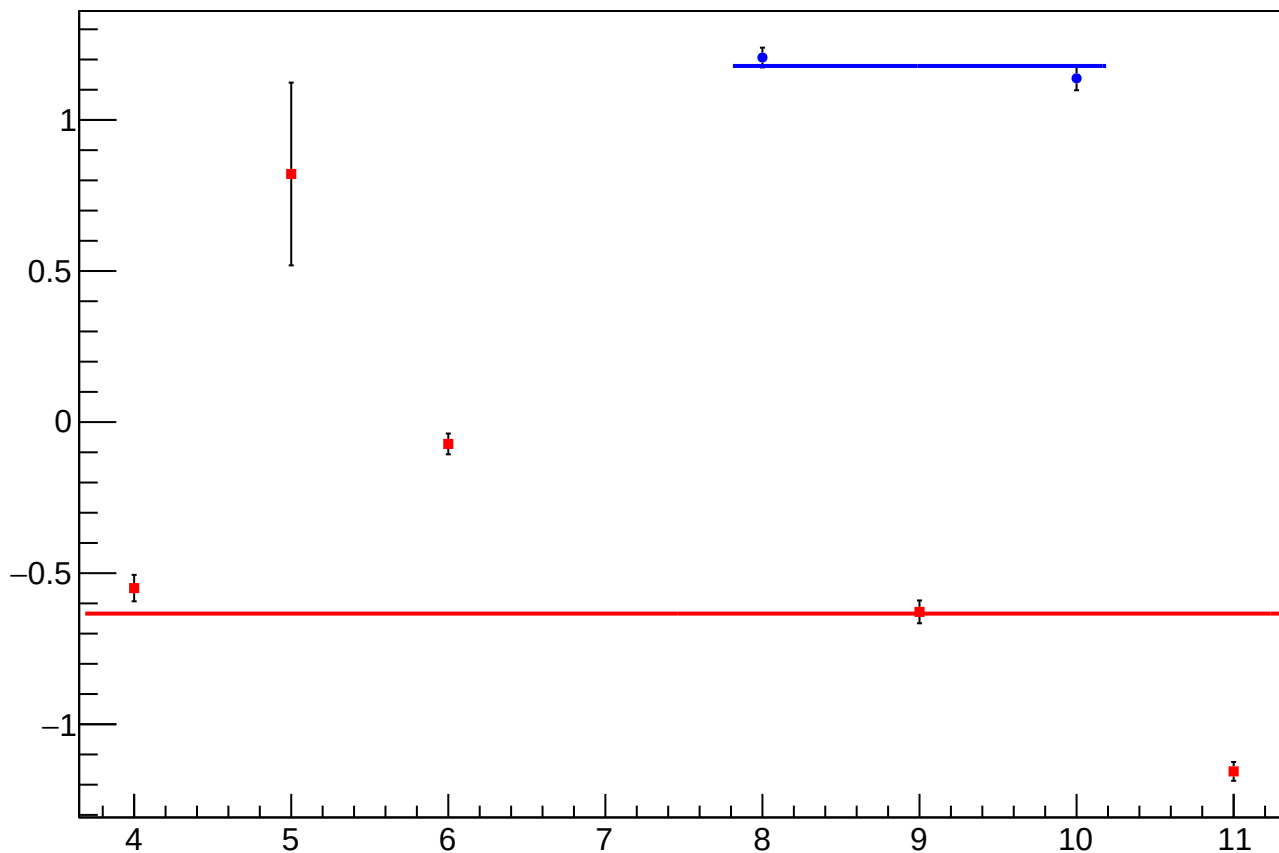
Left Out: 3.696 ± 0.053 $\chi^2/\text{NDF}: 2165.5/15$

Right Out: 2.210 ± 0.032 $\chi^2/\text{NDF}: 123297.3/18$

Left In: -3.471 ± 0.046 $\chi^2/\text{NDF}: 1987.3/16$

-0.090 ± 0.021 $\chi^2/\text{NDF}: 279026.5/68$

reg_asym_bcm_an_us_diff_bpm12X_slope vs slug



Right In: 1.179 $\pm$ 0.025 χ^2 /NDF: 1.8/1

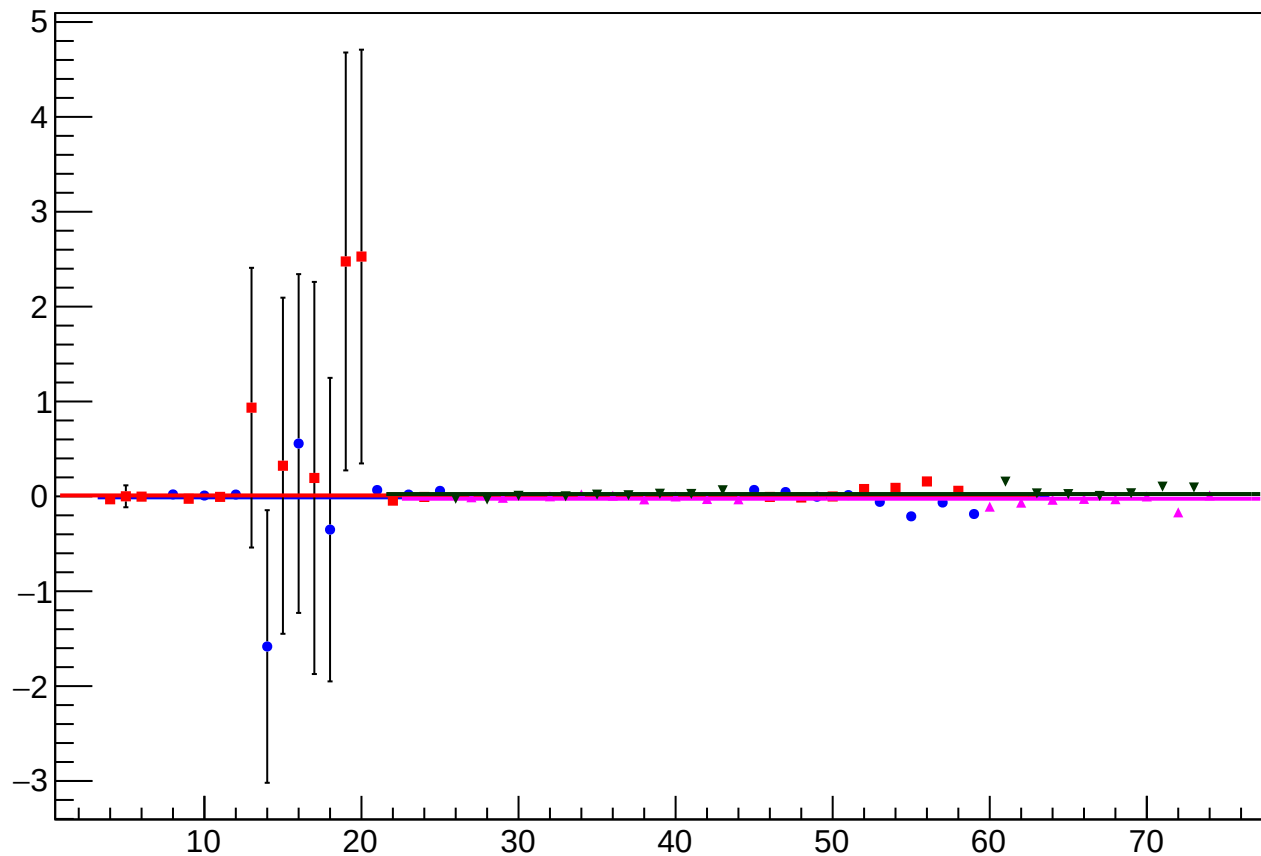
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.634 $\pm$ 0.018 χ^2 /NDF: 573.9/4

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

-0.023 $\pm$ 0.015 χ^2 /NDF: 4016.5/6

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.010 ± 0.004 χ^2/NDF : 280.6/16

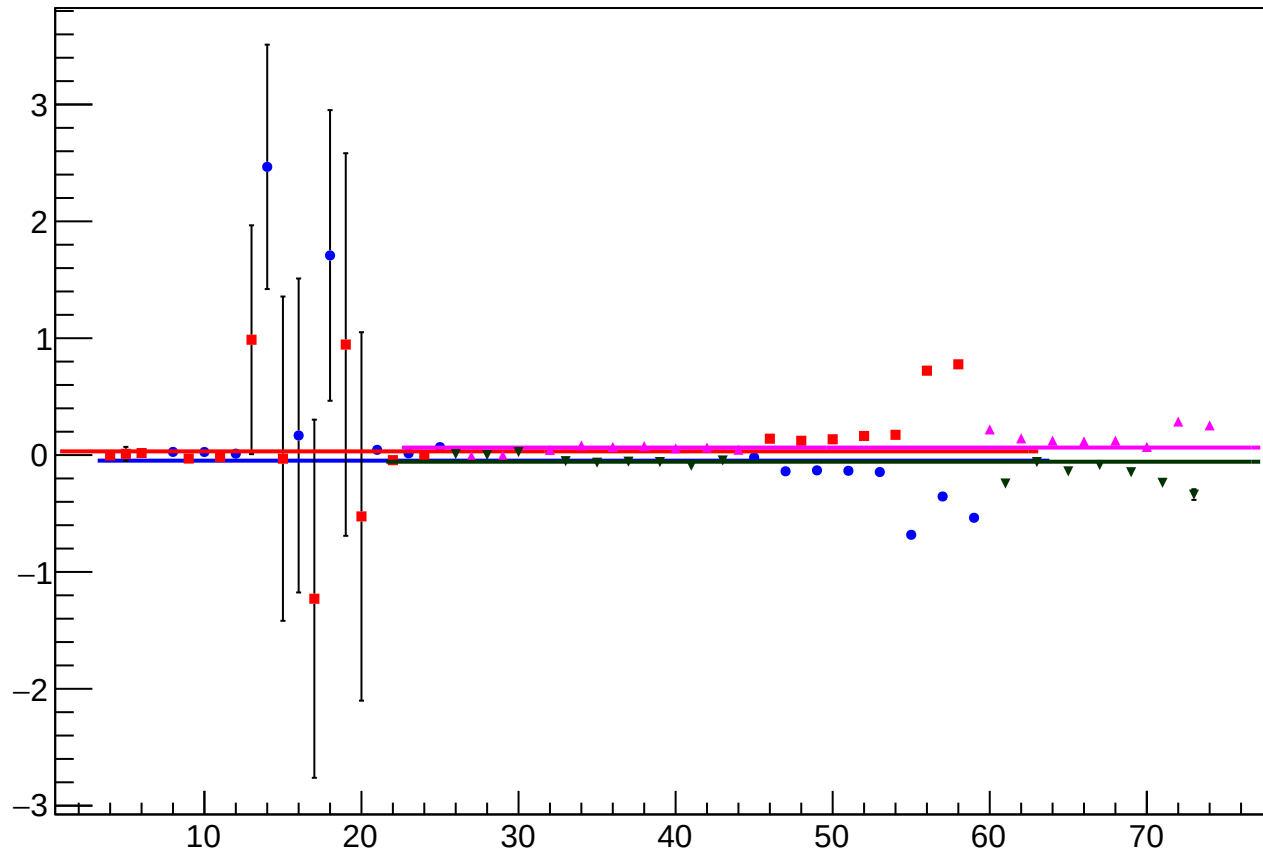
Left Out: 0.025 ± 0.005 χ^2/NDF : 66.0/15

Right Out: 0.010 ± 0.004 χ^2/NDF : 109.3/18

Left In: -0.025 ± 0.005 χ^2/NDF : 51.2/16

-0.001 ± 0.002 χ^2/NDF : 573.6/68

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.048 ± 0.003 $\chi^2/\text{NDF}: 2669.0/16$

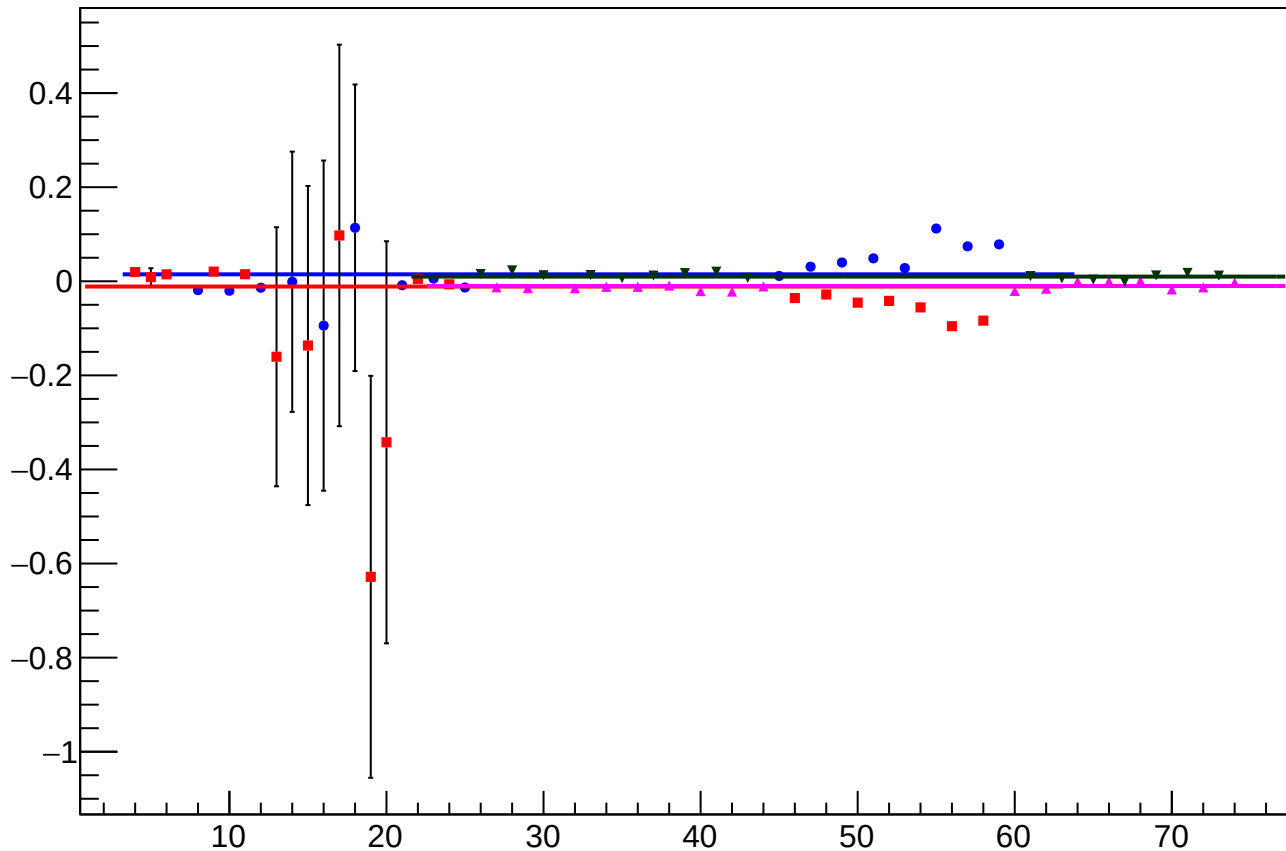
Left Out: -0.057 ± 0.004 $\chi^2/\text{NDF}: 196.1/15$

-0.000 ± 0.002 $\chi^2/\text{NDF}: 6659.9/68$

Right Out: 0.032 ± 0.002 $\chi^2/\text{NDF}: 2673.1/18$

Left In: 0.064 ± 0.004 $\chi^2/\text{NDF}: 226.3/16$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.015+/-0.001 χ^2/NDF : 2806.4/16

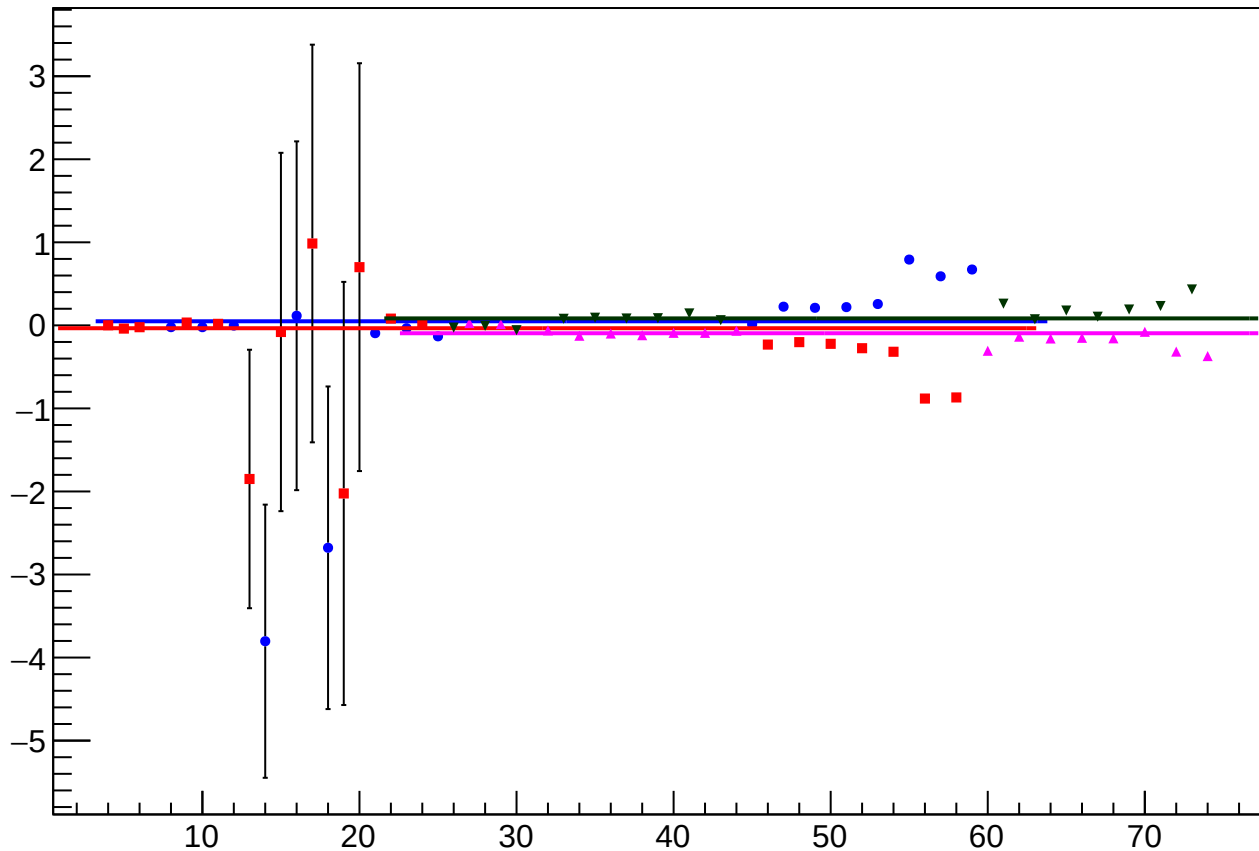
Left Out: 0.010+/-0.001 χ^2/NDF : 75.0/15

0.001+/-0.000 χ^2/NDF : 6157.1/68

Right Out: -0.011+/-0.001 χ^2/NDF : 2228.1/18

Left In: -0.010+/-0.001 χ^2/NDF : 103.8/16

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.049 $\pm$ 0.003 χ^2 /NDF: 3495.7/16

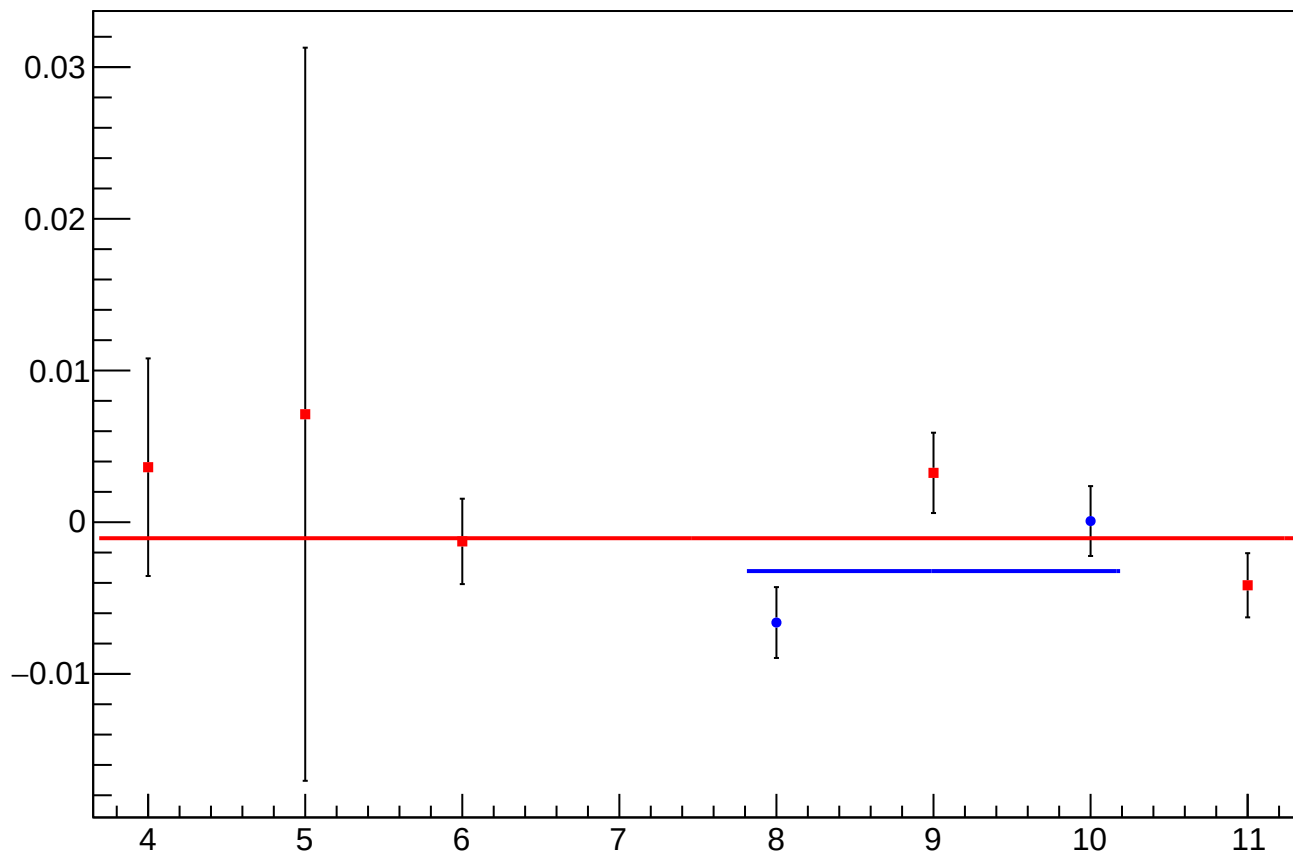
Left Out: 0.084 $\pm$ 0.007 χ^2 /NDF: 179.9/15

0.000 $\pm$ 0.002 χ^2 /NDF: 7740.1/68

Right Out: -0.035 $\pm$ 0.003 χ^2 /NDF: 3062.2/18

Left In: -0.095 $\pm$ 0.006 χ^2 /NDF: 212.5/16

reg_bcm_an_us_ds3_dd_diff_bpm12X_slope vs slug



Right In: -0.003+/-0.002 χ^2 /NDF: 4.2/1

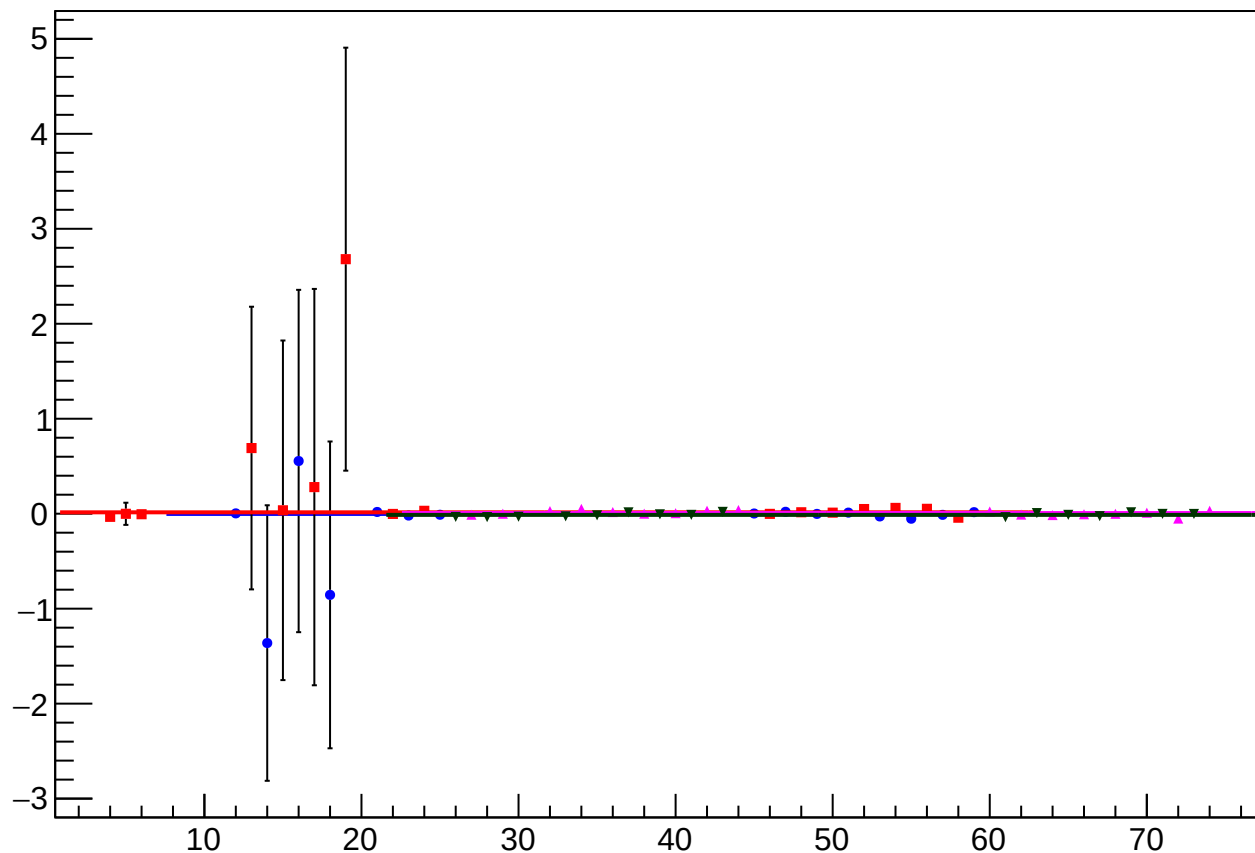
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.001+/-0.001 χ^2 /NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.002+/-0.001 χ^2 /NDF: 10.5/6

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.002 ± 0.005 χ^2/NDF : 13.1/14

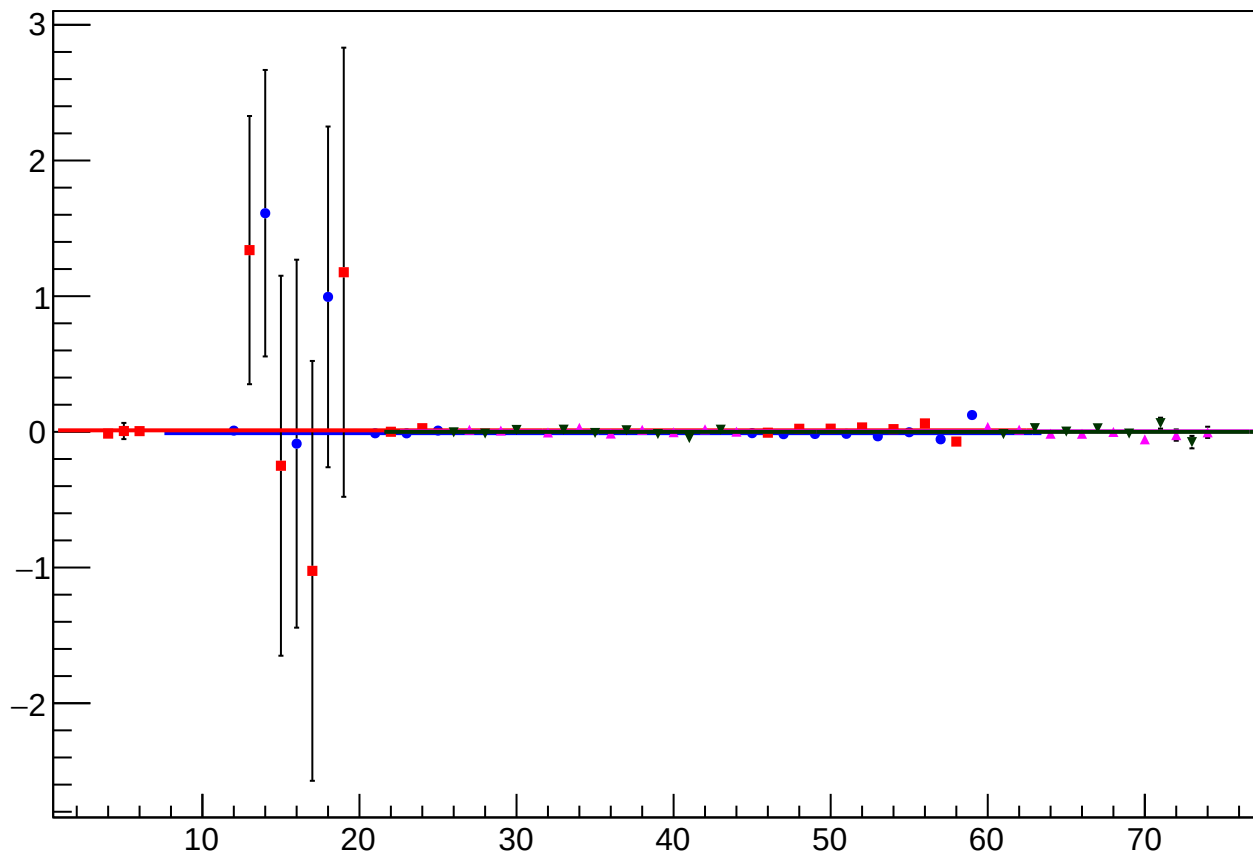
Left Out: -0.012 ± 0.005 χ^2/NDF : 13.5/15

Right Out: 0.014 ± 0.006 χ^2/NDF : 28.3/15

Left In: 0.007 ± 0.005 χ^2/NDF : 18.2/16

0.001 ± 0.003 χ^2/NDF : 87.7/63

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.009 ± 0.004 χ^2/NDF : 66.7/14

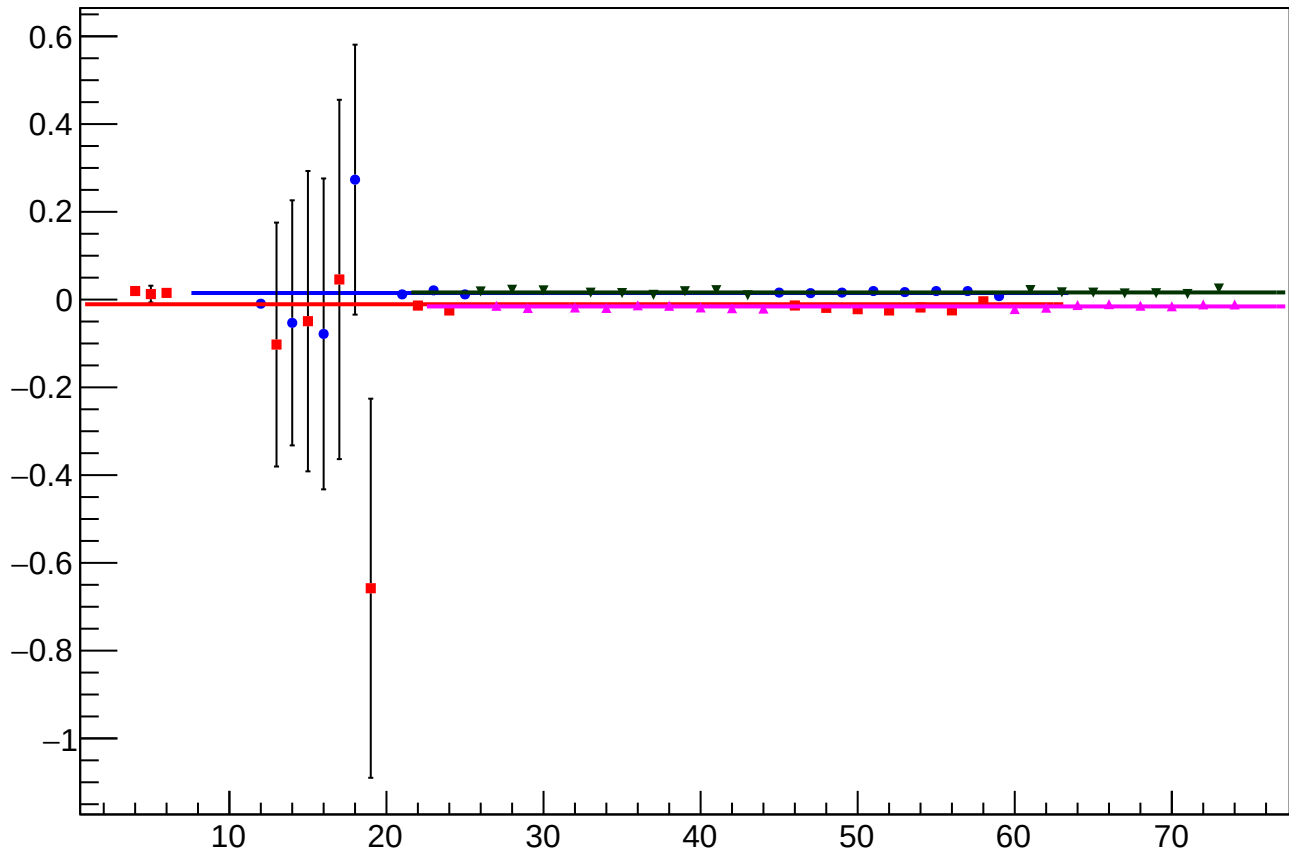
Left Out: -0.000 ± 0.004 χ^2/NDF : 22.9/15

Right Out: 0.011 ± 0.004 χ^2/NDF : 31.0/15

Left In: 0.004 ± 0.004 χ^2/NDF : 14.3/16

0.002 ± 0.002 χ^2/NDF : 147.0/63

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 ± 0.001 χ^2/NDF : 37.4/14

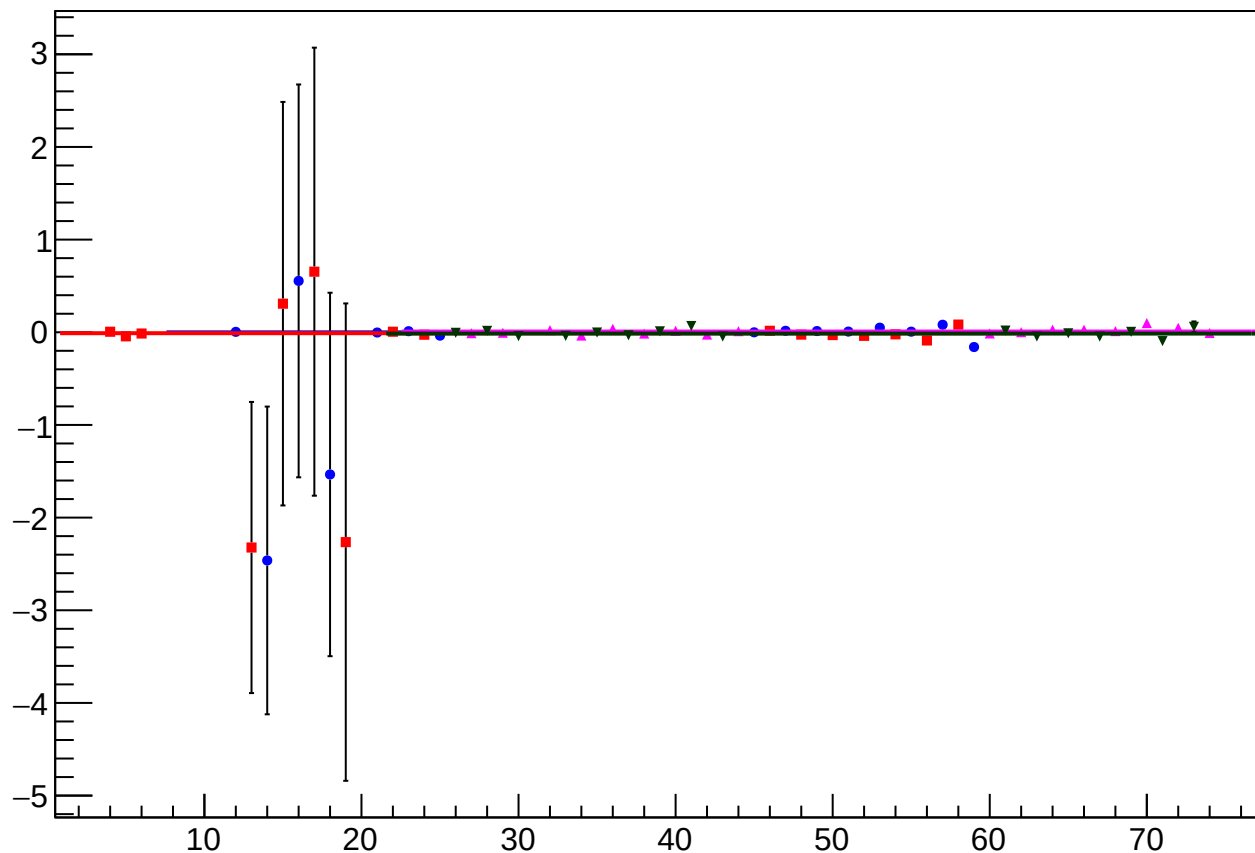
Left Out: 0.016 ± 0.001 χ^2/NDF : 21.1/15

0.001 ± 0.000 χ^2/NDF : 1441.6/63

Right Out: -0.011 ± 0.001 χ^2/NDF : 227.0/15

Left In: -0.016 ± 0.001 χ^2/NDF : 20.7/16

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.001 ± 0.007 χ^2/NDF : 88.2/14

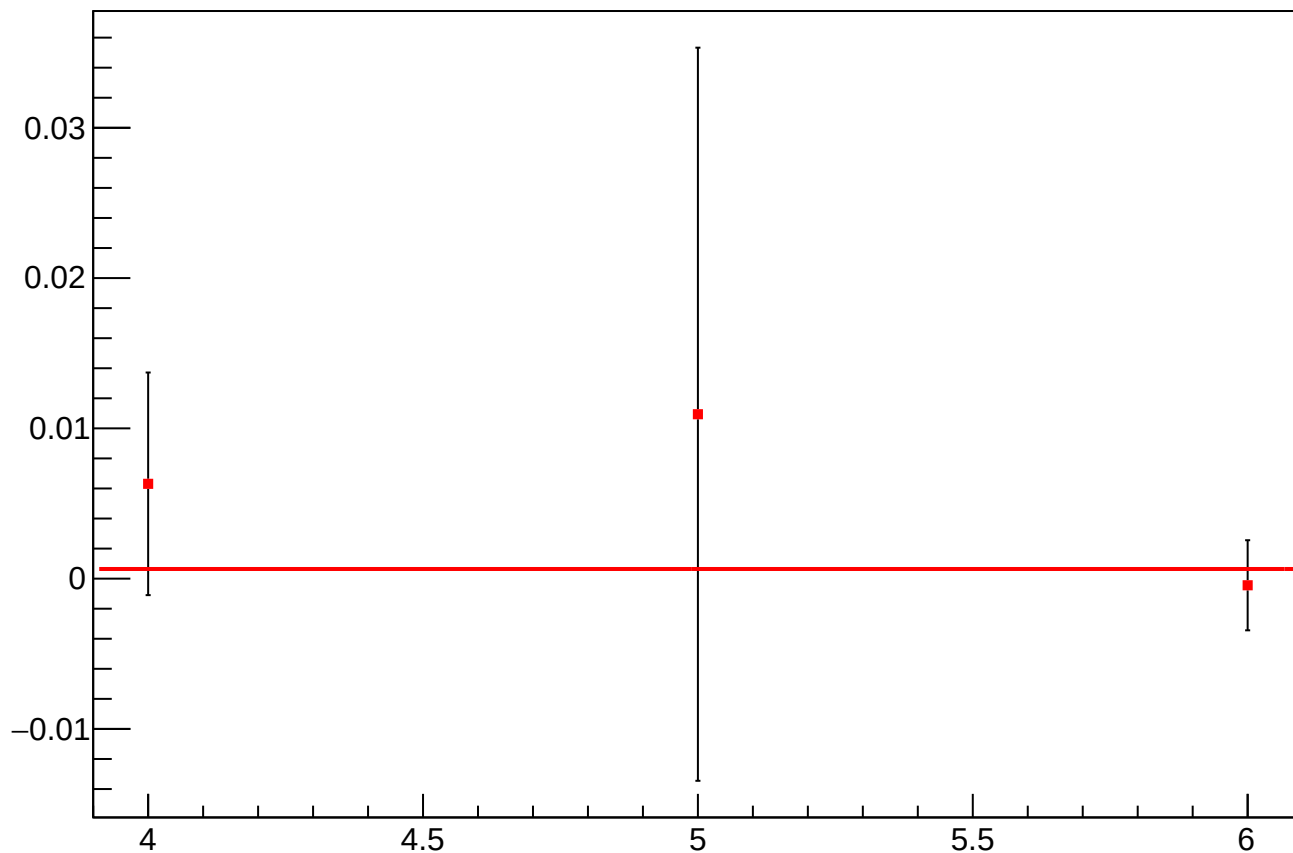
Left Out: -0.014 ± 0.007 χ^2/NDF : 24.6/15

Right Out: -0.010 ± 0.004 χ^2/NDF : 35.0/15

Left In: 0.008 ± 0.006 χ^2/NDF : 14.1/16

-0.005 ± 0.003 χ^2/NDF : 169.6/63

reg_bcm_an_us_ds_dd_diff_bpm12X_slope vs slug



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

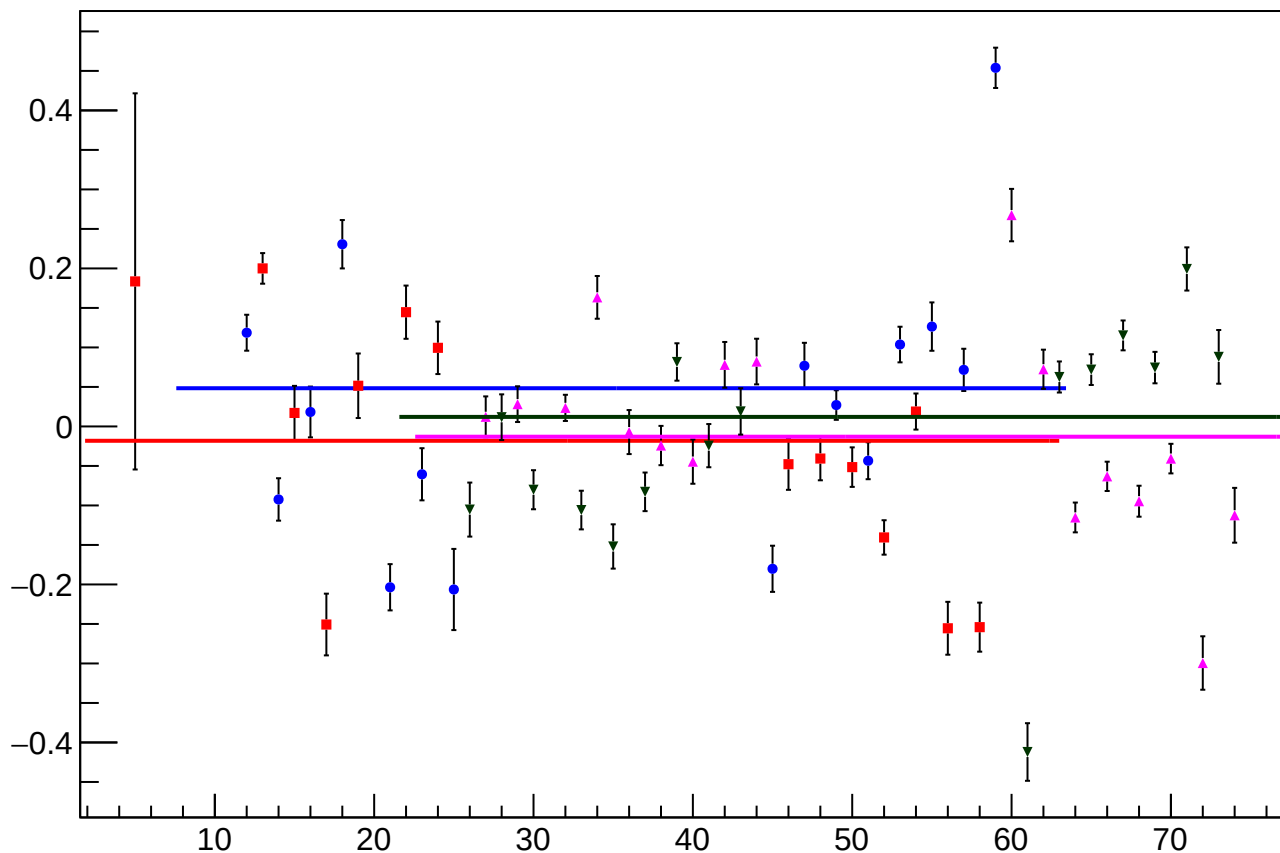
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.003 χ^2 /NDF: 0.9/2

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

0.001 $\pm$ 0.003 χ^2 /NDF: 0.9/2

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.048 ± 0.007 χ^2/NDF : 527.8/14

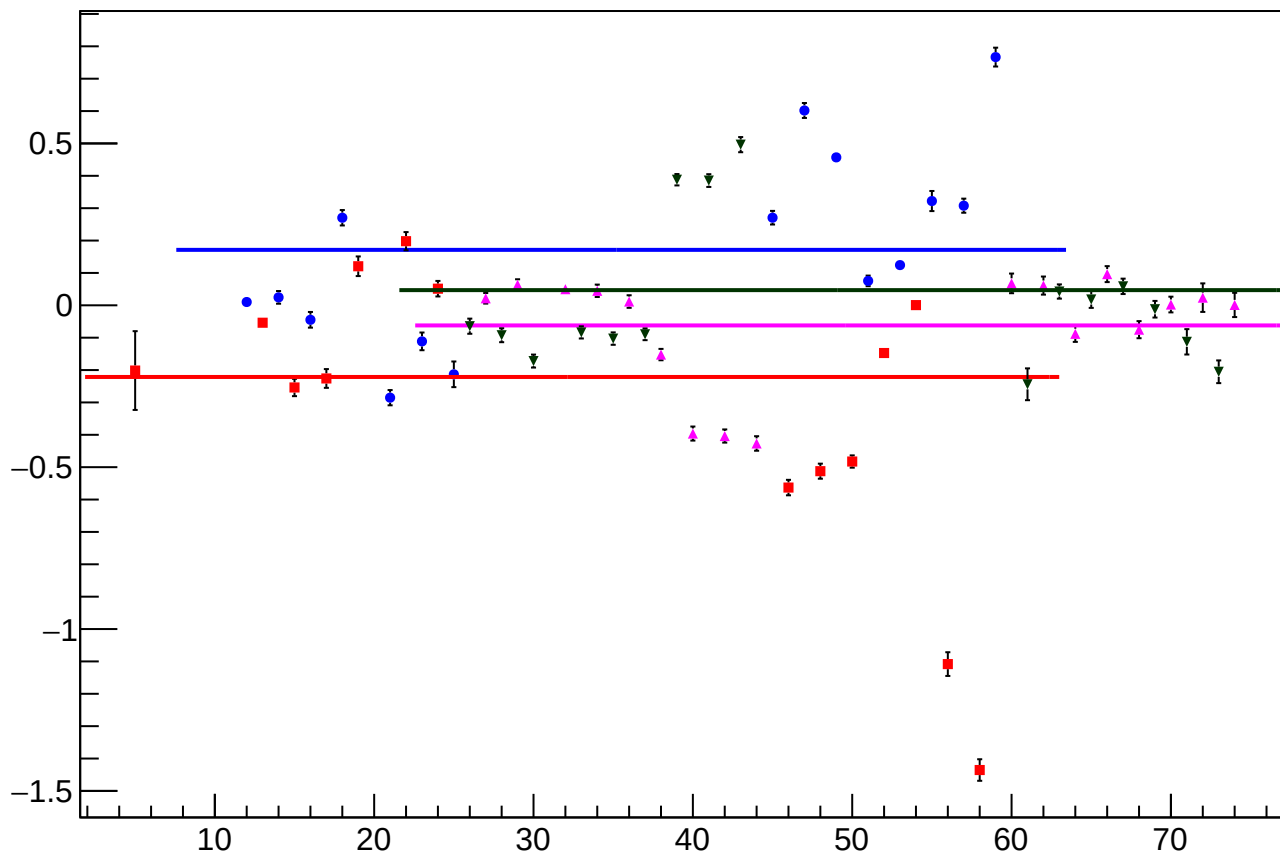
Left Out: 0.012 ± 0.006 χ^2/NDF : 351.7/15

Right Out: -0.018 ± 0.008 χ^2/NDF : 348.4/13

Left In: -0.013 ± 0.006 χ^2/NDF : 293.4/16

0.007 ± 0.003 χ^2/NDF : 1580.1/61

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.171 $\pm$ 0.005 χ^2/NDF : 2082.8/14

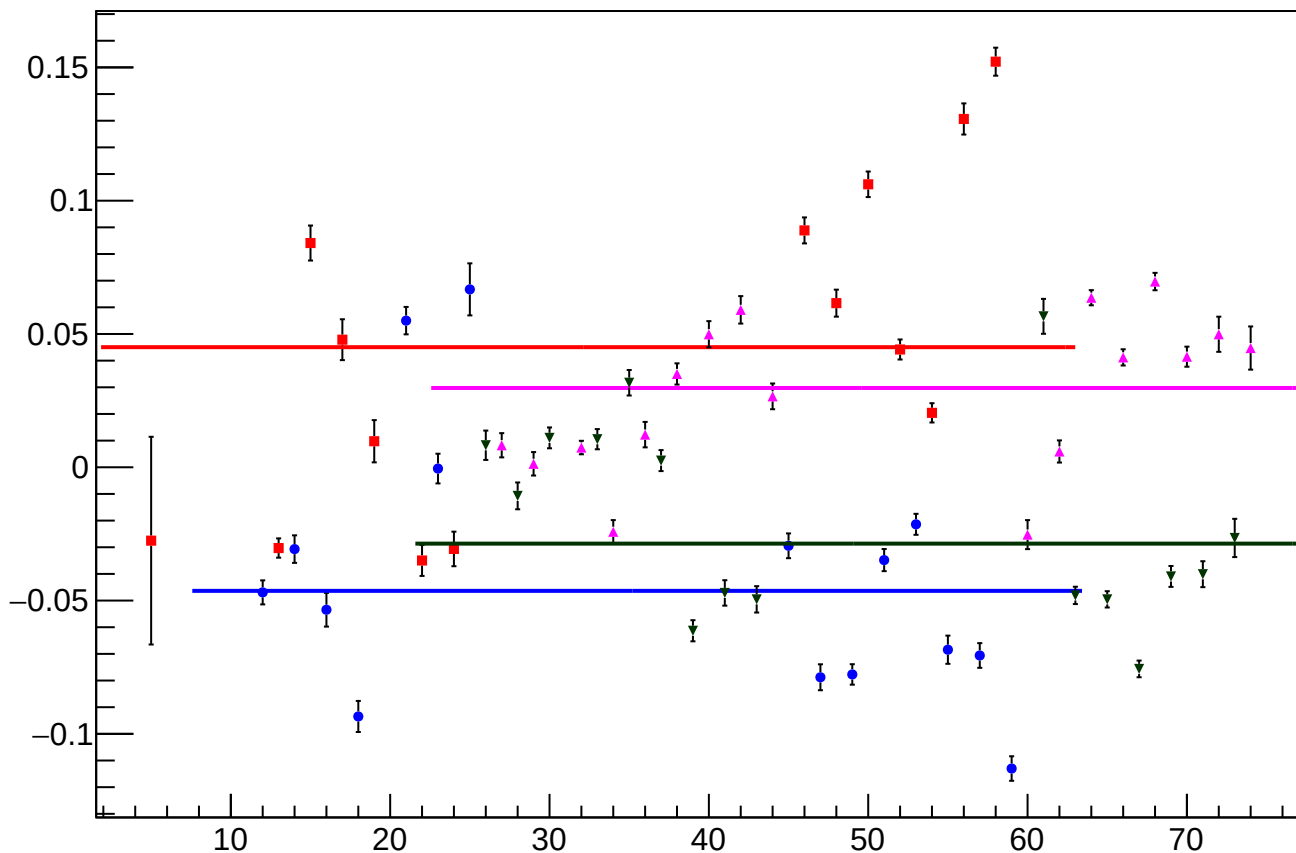
Left Out: 0.047 $\pm$ 0.006 χ^2/NDF :1499.5/15

Right Out: -0.221 $\pm$ 0.006 χ^2/NDF : 3353.1/13

Left In: -0.062 $\pm$ 0.005 χ^2/NDF :1098.4/16

-0.010 $\pm$ 0.003 χ^2/NDF : 10711.5/61

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.046±/0.001 χ^2/NDF : 1093.3/14

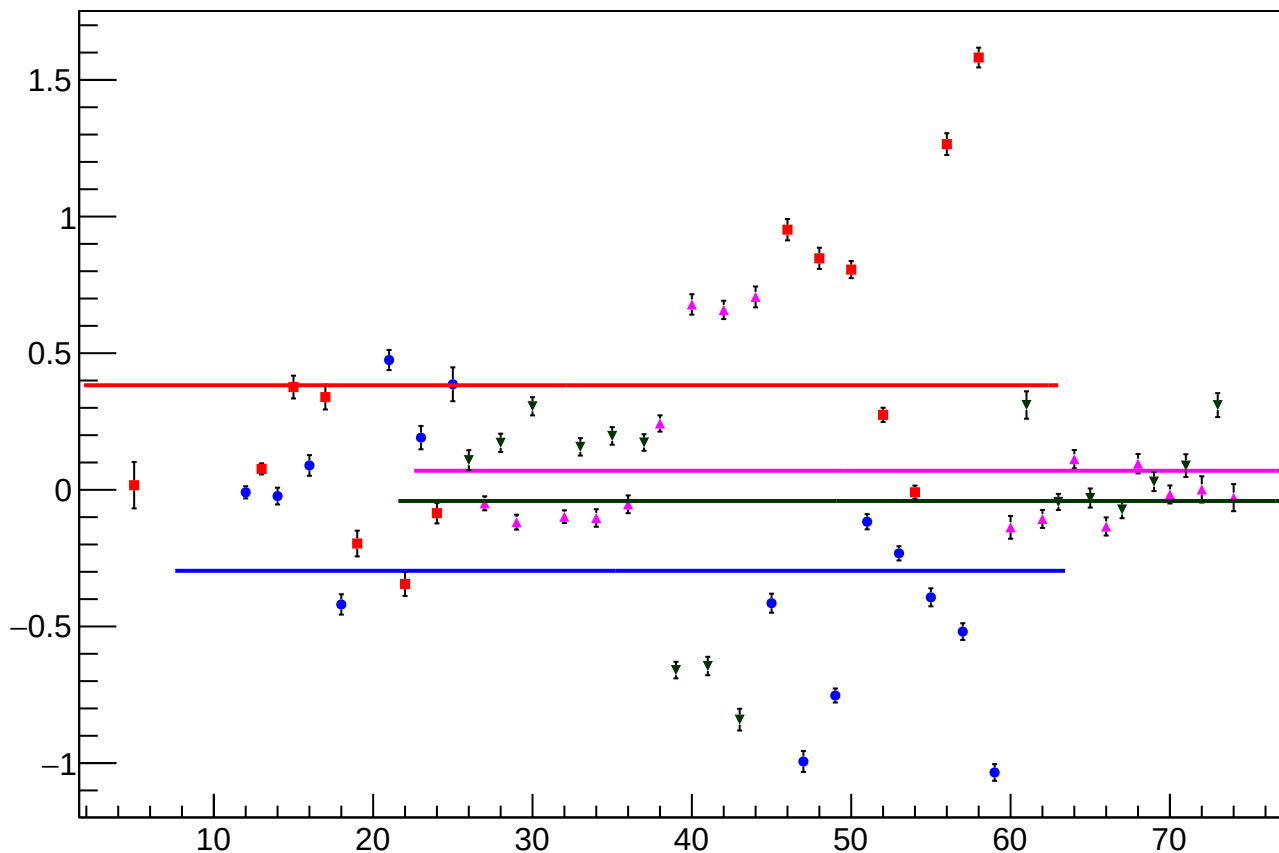
Left Out: -0.029±/0.001 χ^2/NDF :1083.7/15

Right Out: 0.045±/0.001 χ^2/NDF : 1748.3/13

Left In: 0.030±/0.001 χ^2/NDF :822.4/16

-0.000±/0.001 χ^2/NDF : 8860.2/61

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.296 ± 0.008 χ^2/NDF : 2400.3/14

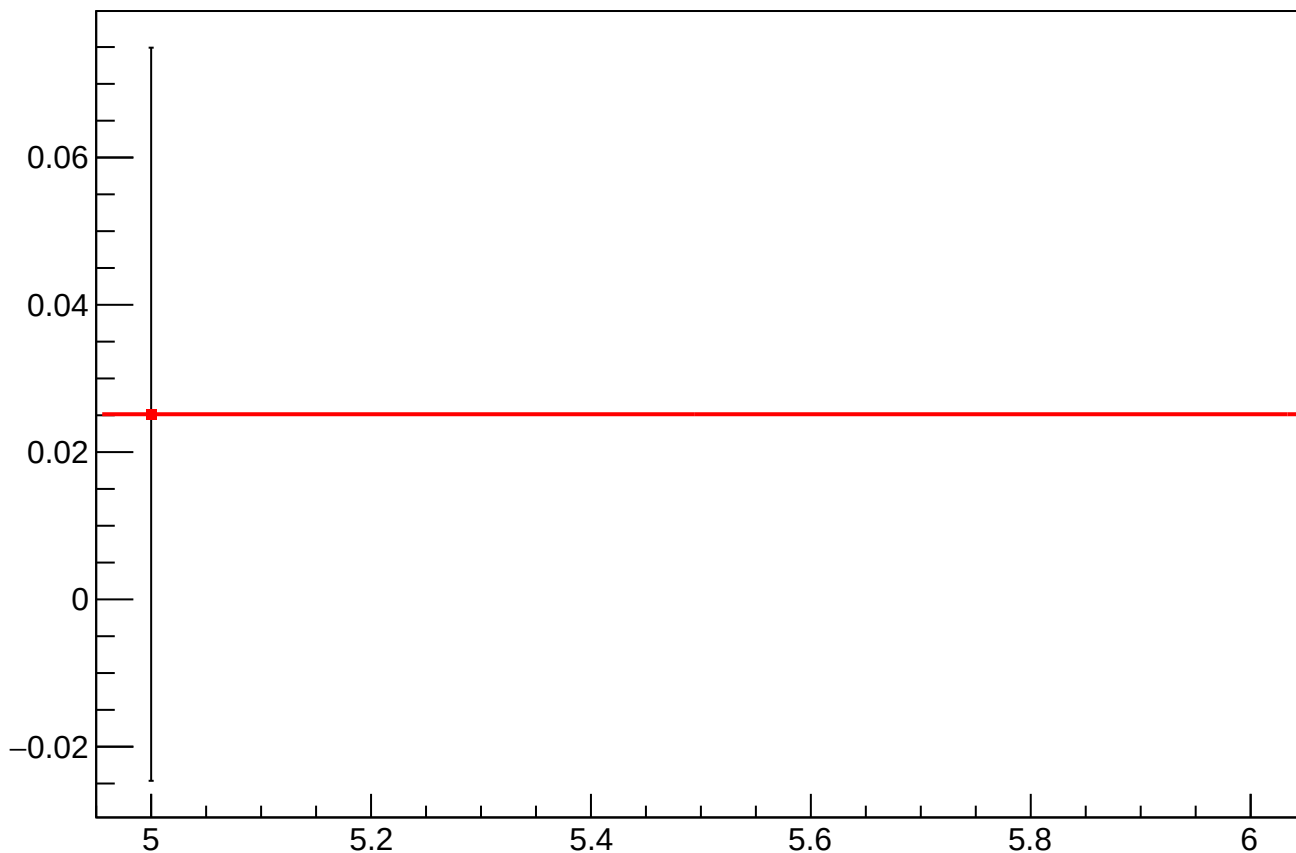
Left Out: -0.041 ± 0.009 χ^2/NDF : 1575.4/15

0.014 ± 0.004 χ^2/NDF : 11529.5/61

Right Out: 0.383 ± 0.009 χ^2/NDF : 3225.8/13

Left In: 0.070 ± 0.008 χ^2/NDF : 1155.6/16

reg_bcm_dg_us_dg_ds_dd_diff_bpm12X_slope vs slug



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

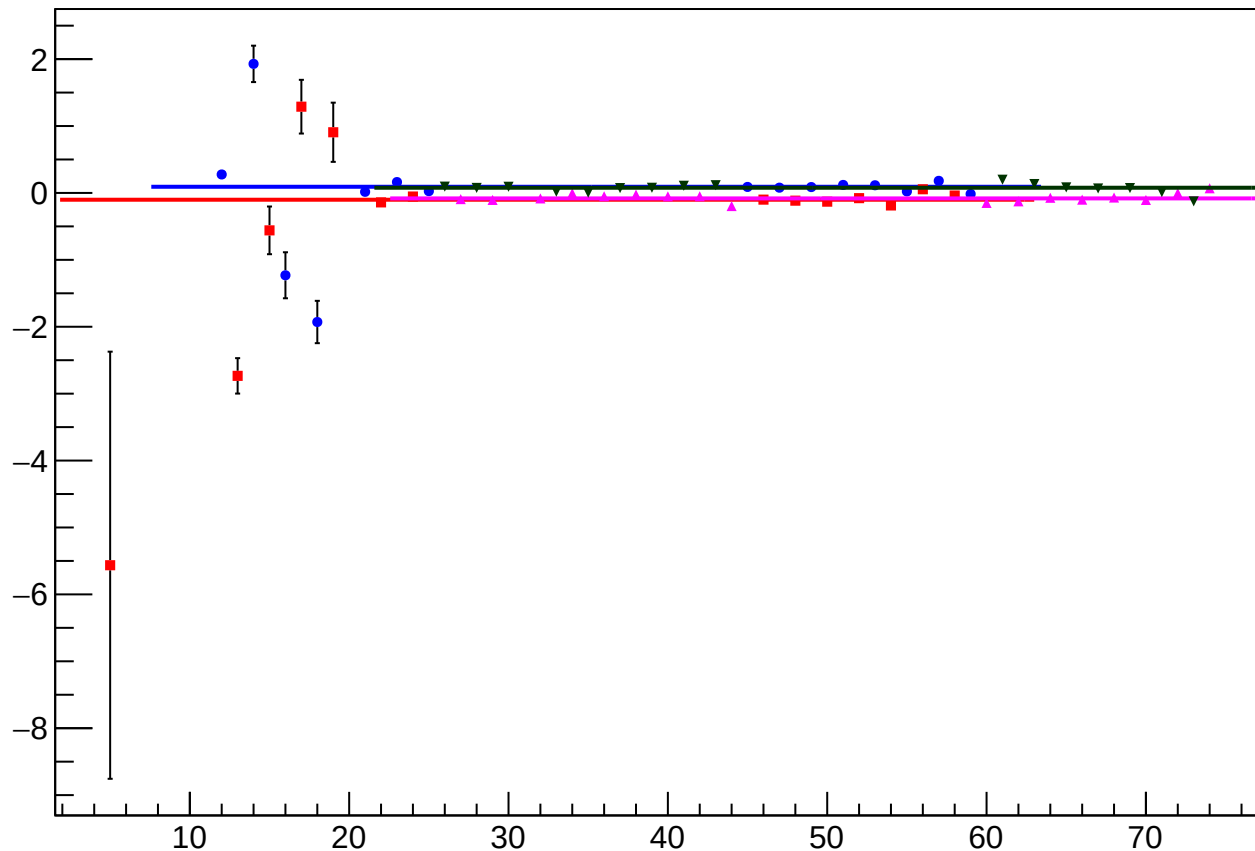
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.050 χ^2/NDF : 0.0/0

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

0.025+/-0.050 χ^2/NDF : 0.0/0

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.092 ± 0.007 χ^2/NDF : 177.0/14

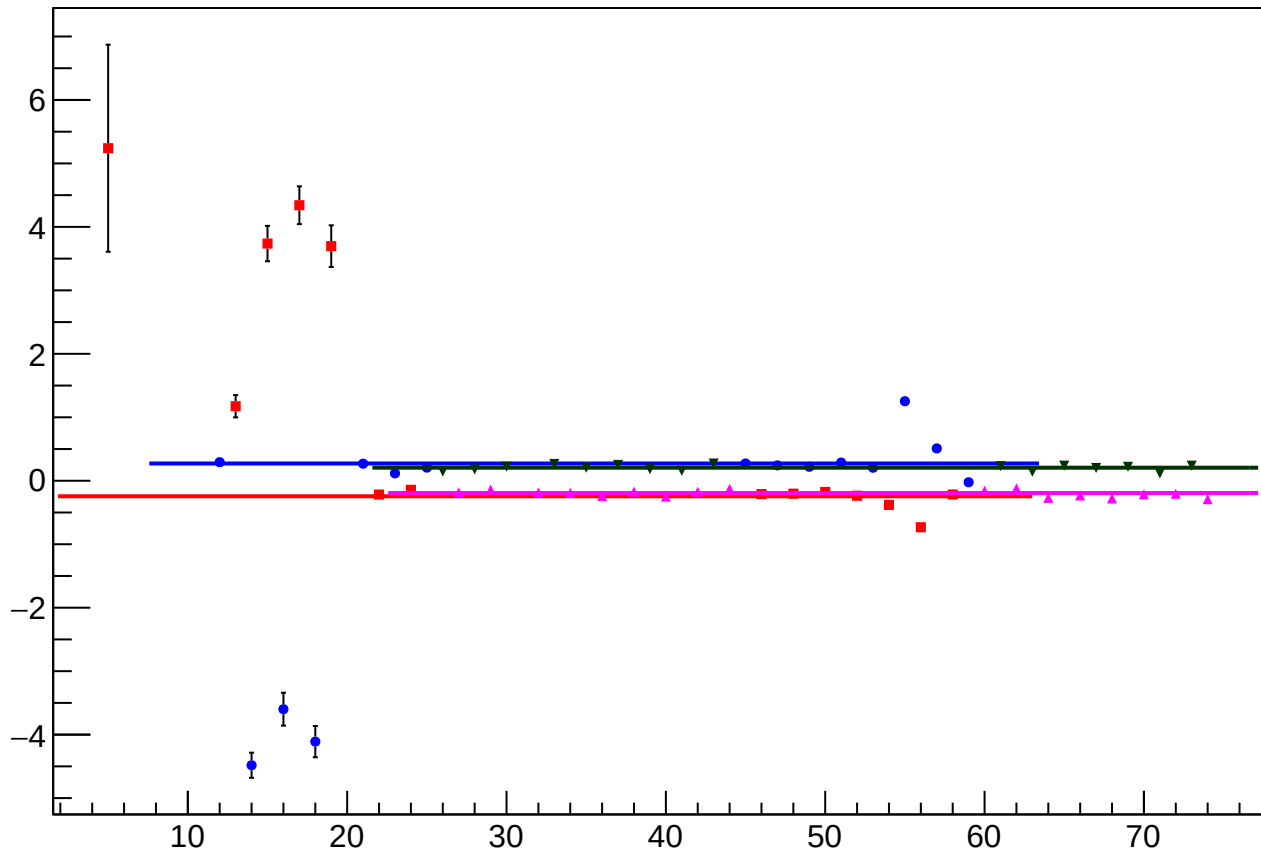
Left Out: 0.078 ± 0.006 χ^2/NDF : 57.2/15

Right Out: -0.102 ± 0.009 χ^2/NDF : 168.4/13

Left In: -0.082 ± 0.006 χ^2/NDF : 64.8/16

0.000 ± 0.003 χ^2/NDF : 1094.7/61

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272+/-0.006 χ^2/NDF : 2356.5/14

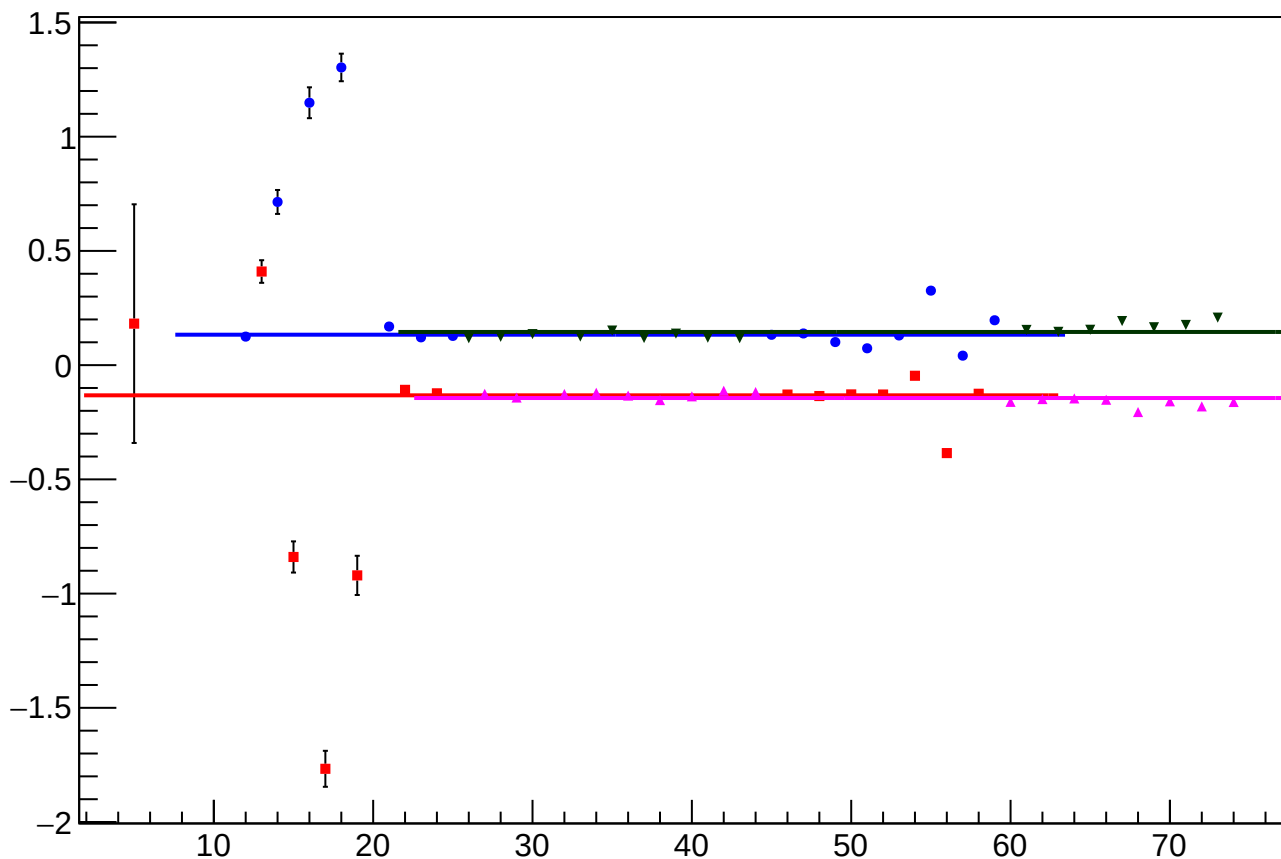
Left Out: 0.206+/-0.006 χ^2/NDF : 56.7/15

0.019+/-0.003 χ^2/NDF : 9574.1/61

Right Out: -0.244+/-0.007 χ^2/NDF : 969.8/13

Left In: -0.193+/-0.005 χ^2/NDF : 71.6/16

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.133 ± 0.001 χ^2/NDF : 2944.9/14

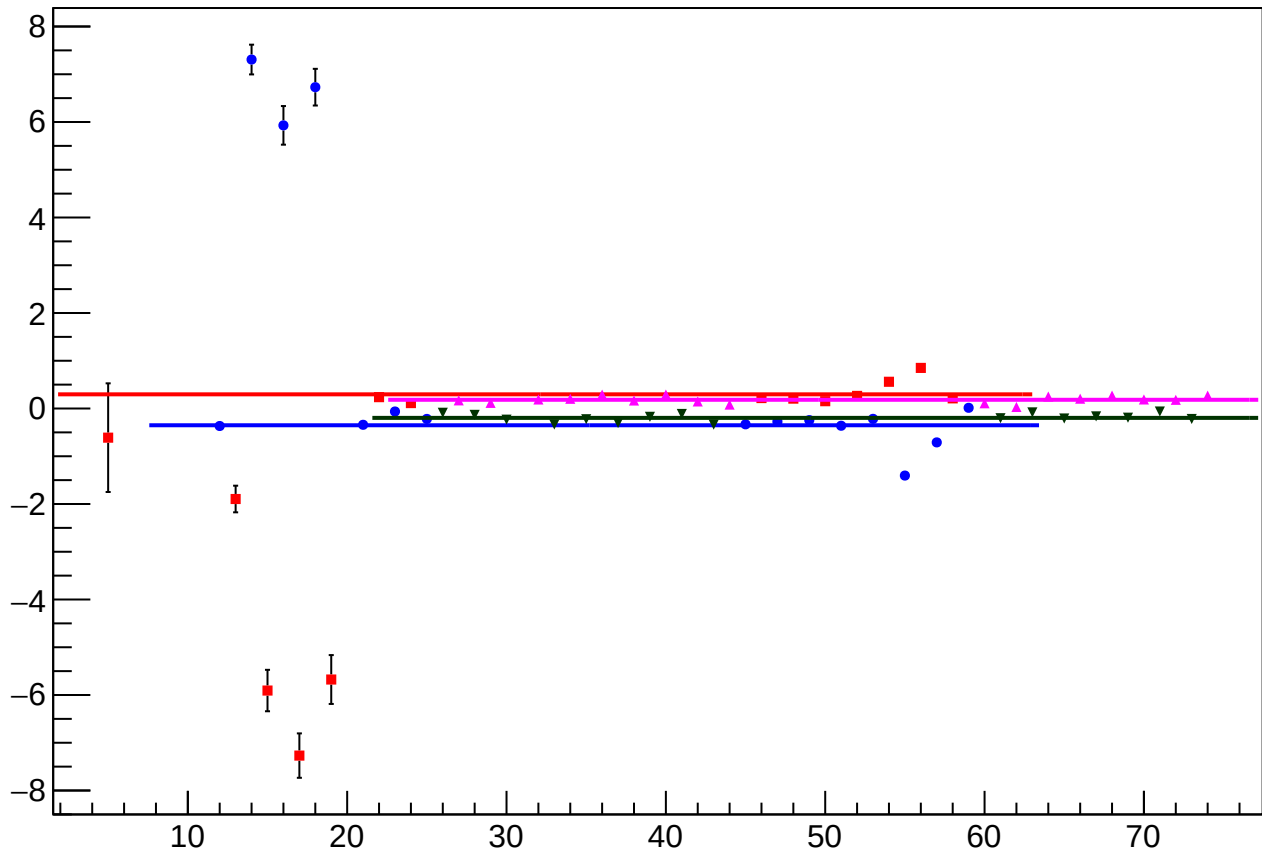
Left Out: 0.145 ± 0.001 χ^2/NDF : 516.7/15

Right Out: -0.132 ± 0.002 χ^2/NDF : 3230.6/13

Left In: -0.144 ± 0.001 χ^2/NDF : 525.2/16

0.002 ± 0.001 χ^2/NDF : 63781.4/61

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.351 ± 0.009 χ^2/NDF : 2542.5/14

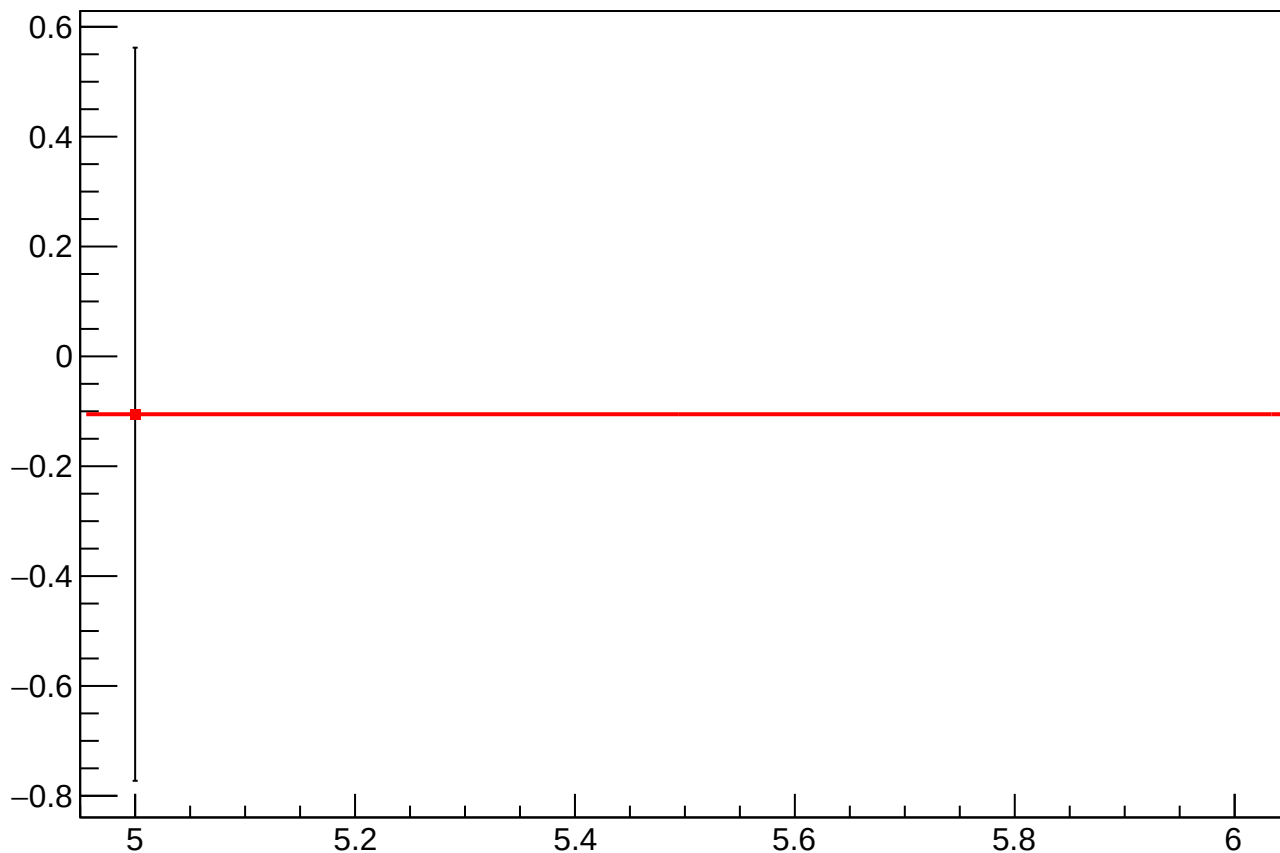
Left Out: -0.196 ± 0.009 χ^2/NDF : 88.6/15

Right Out: 0.297 ± 0.010 χ^2/NDF : 1058.1/13

Left In: 0.182 ± 0.008 χ^2/NDF : 74.9/16

-0.031 ± 0.005 χ^2/NDF : 7047.4/61

reg_bcm_cav4cQ_ds_dd_diff_bpm12X_slope vs slug



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

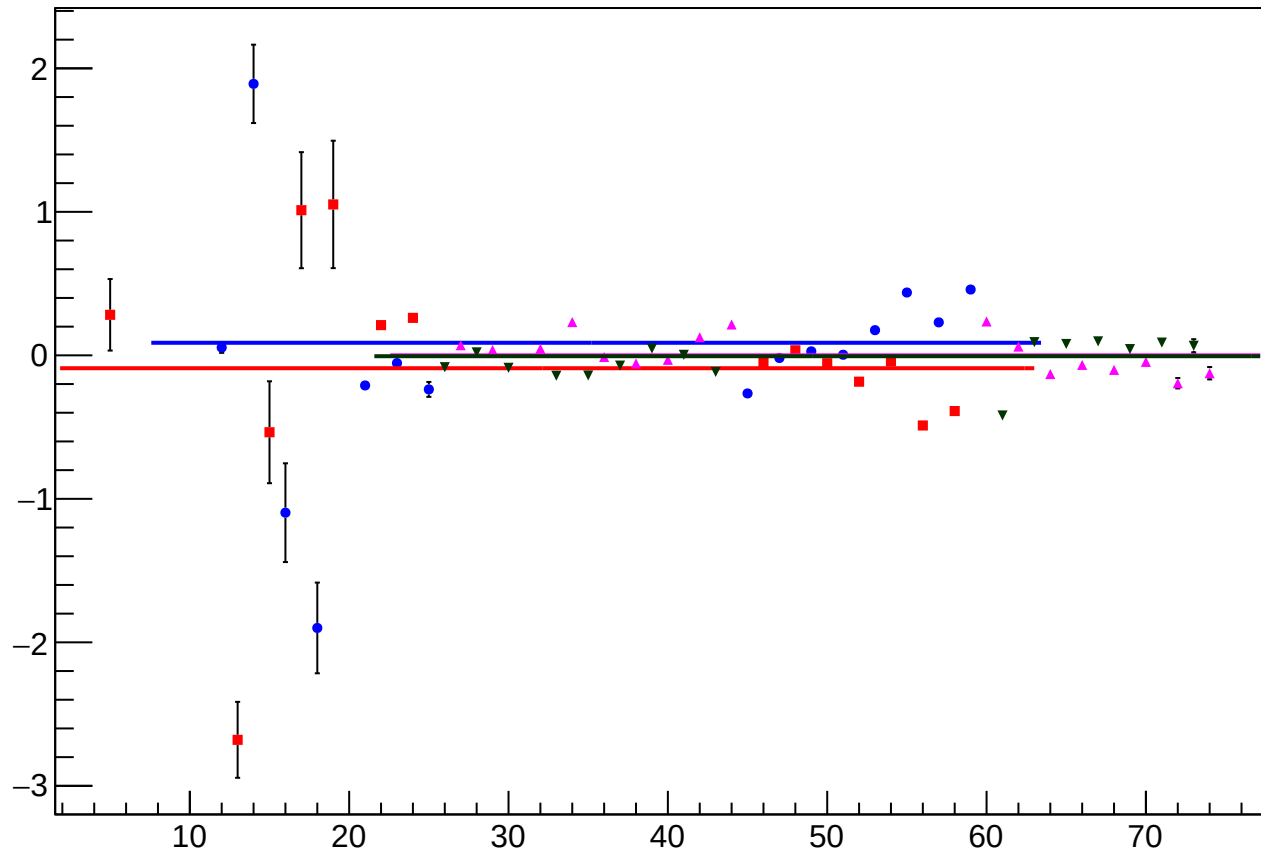
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.105+/-0.667 χ^2/NDF : 0.0/0

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

-0.105+/-0.667 χ^2/NDF : 0.0/0

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.088 ± 0.008 $\chi^2/\text{NDF}: 822.1/14$

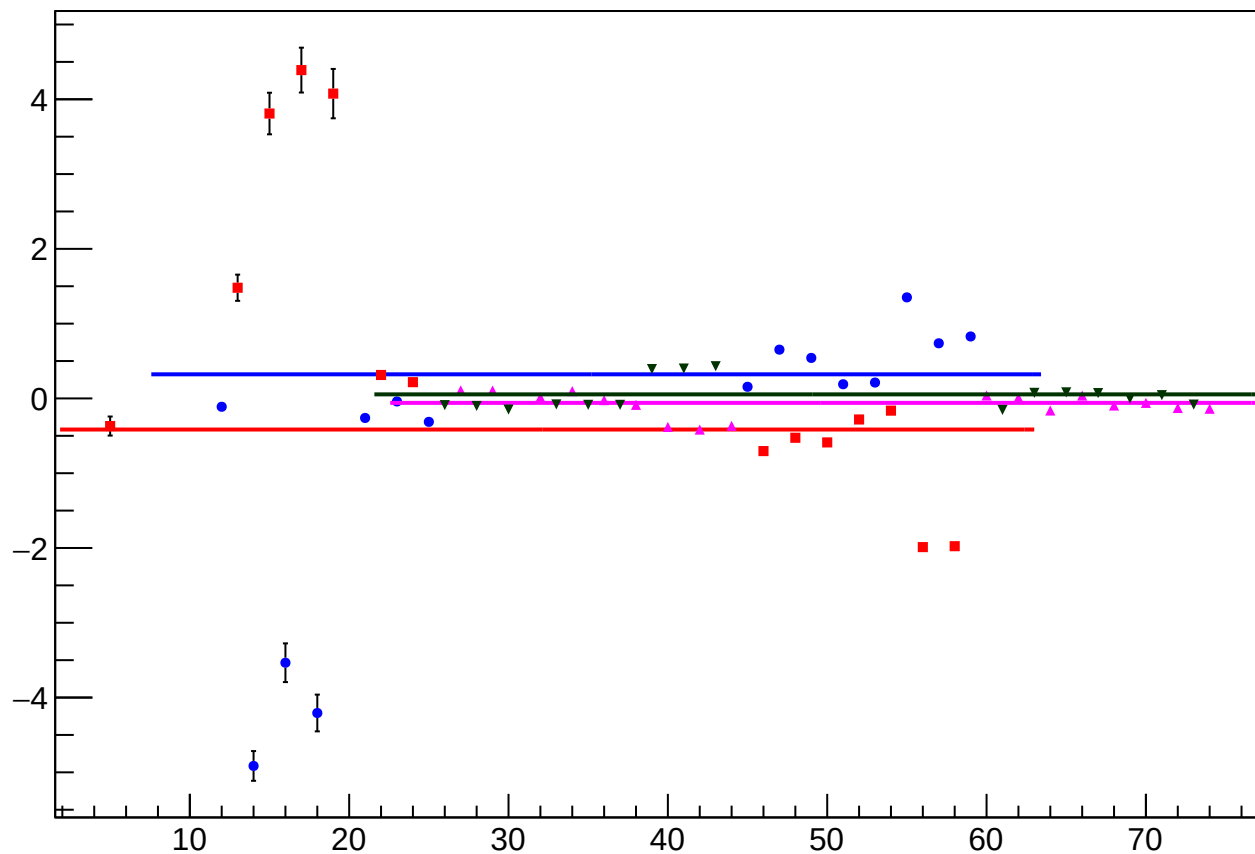
Left Out: -0.006 ± 0.007 $\chi^2/\text{NDF}: 318.9/15$

0.003 ± 0.004 $\chi^2/\text{NDF}: 2268.4/61$

Right Out: -0.090 ± 0.010 $\chi^2/\text{NDF}: 586.1/13$

Left In: 0.000 ± 0.006 $\chi^2/\text{NDF}: 331.9/16$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.322 ± 0.006 $\chi^2/\text{NDF}: 4949.3/14$

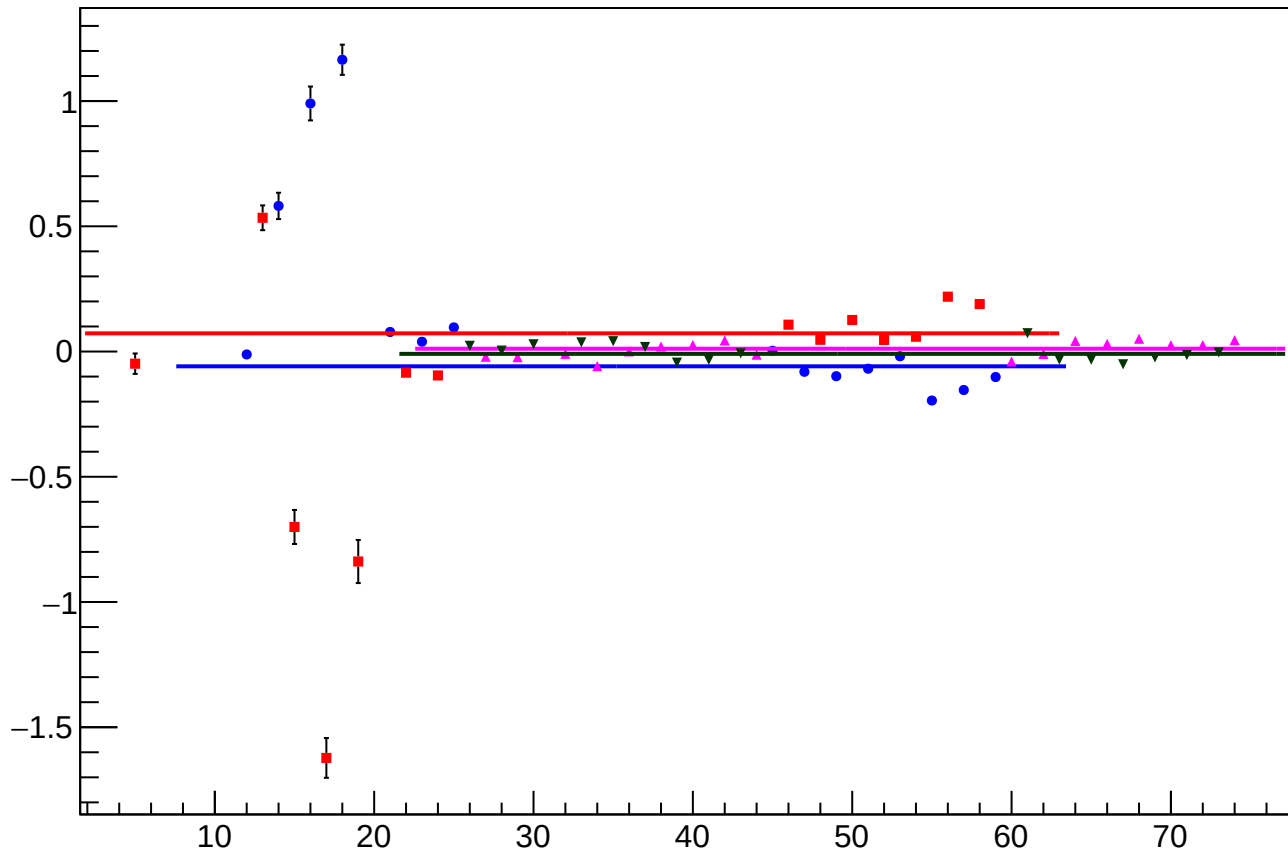
Left Out: 0.054 ± 0.006 $\chi^2/\text{NDF}: 1173.1/15$

Right Out: -0.416 ± 0.007 $\chi^2/\text{NDF}: 6919.2/13$

Left In: -0.060 ± 0.005 $\chi^2/\text{NDF}: 978.0/16$

-0.001 ± 0.003 $\chi^2/\text{NDF}: 20025.4/61$

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.059 ± 0.001 χ^2/NDF : 3625.1/14

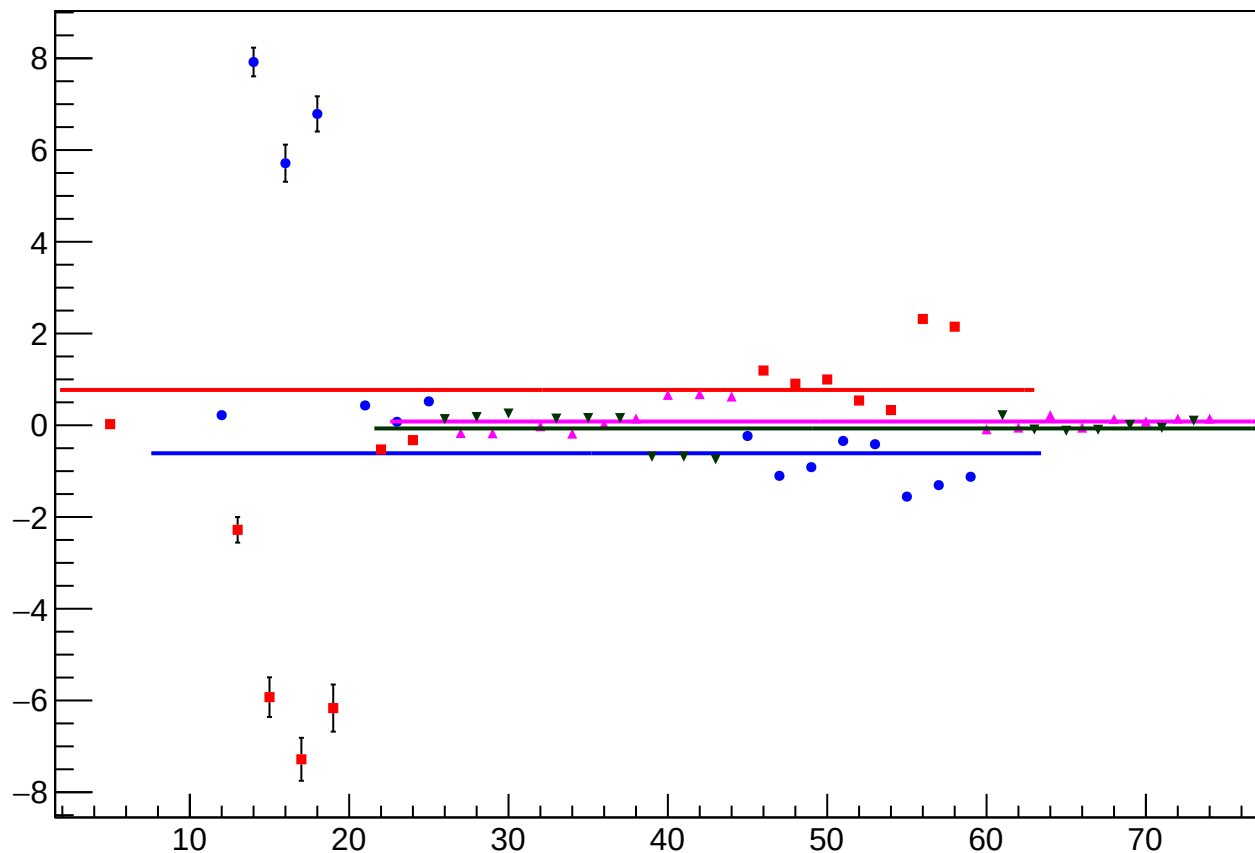
Left Out: -0.009 ± 0.001 χ^2/NDF : 973.1/15

0.000 ± 0.001 χ^2/NDF : 12895.4/61

Right Out: 0.073 ± 0.002 χ^2/NDF : 3567.7/13

Left In: 0.011 ± 0.001 χ^2/NDF : 868.0/16

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.610 ± 0.010 χ^2/NDF : 5386.8/14

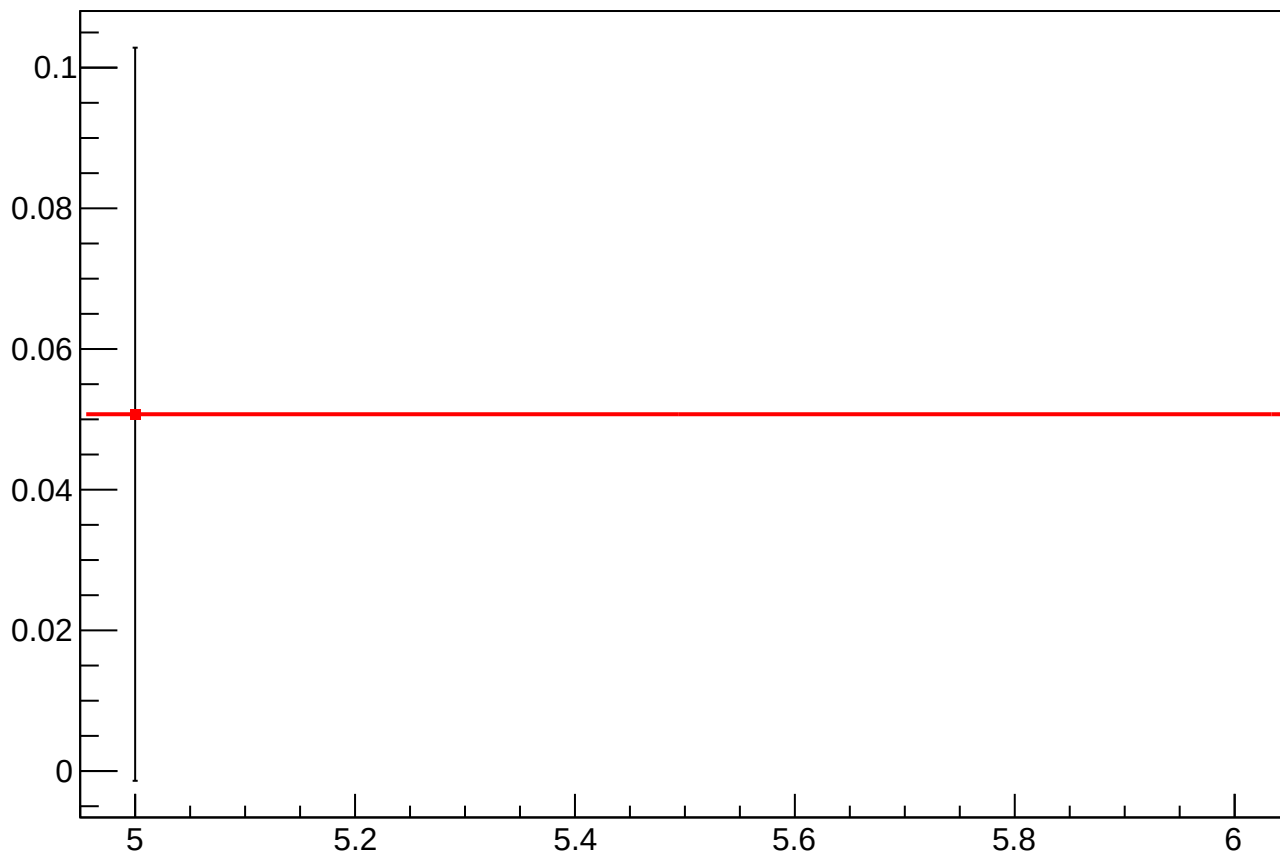
Left Out: -0.069 ± 0.009 χ^2/NDF : 1250.7/15

Right Out: 0.770 ± 0.011 χ^2/NDF : 6234.5/13

Left In: 0.082 ± 0.008 χ^2/NDF : 1020.1/16

-0.004 ± 0.005 χ^2/NDF : 22721.9/61

reg_bcm_dg_us_ds_dd_diff_bpm12X_slope vs slug



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

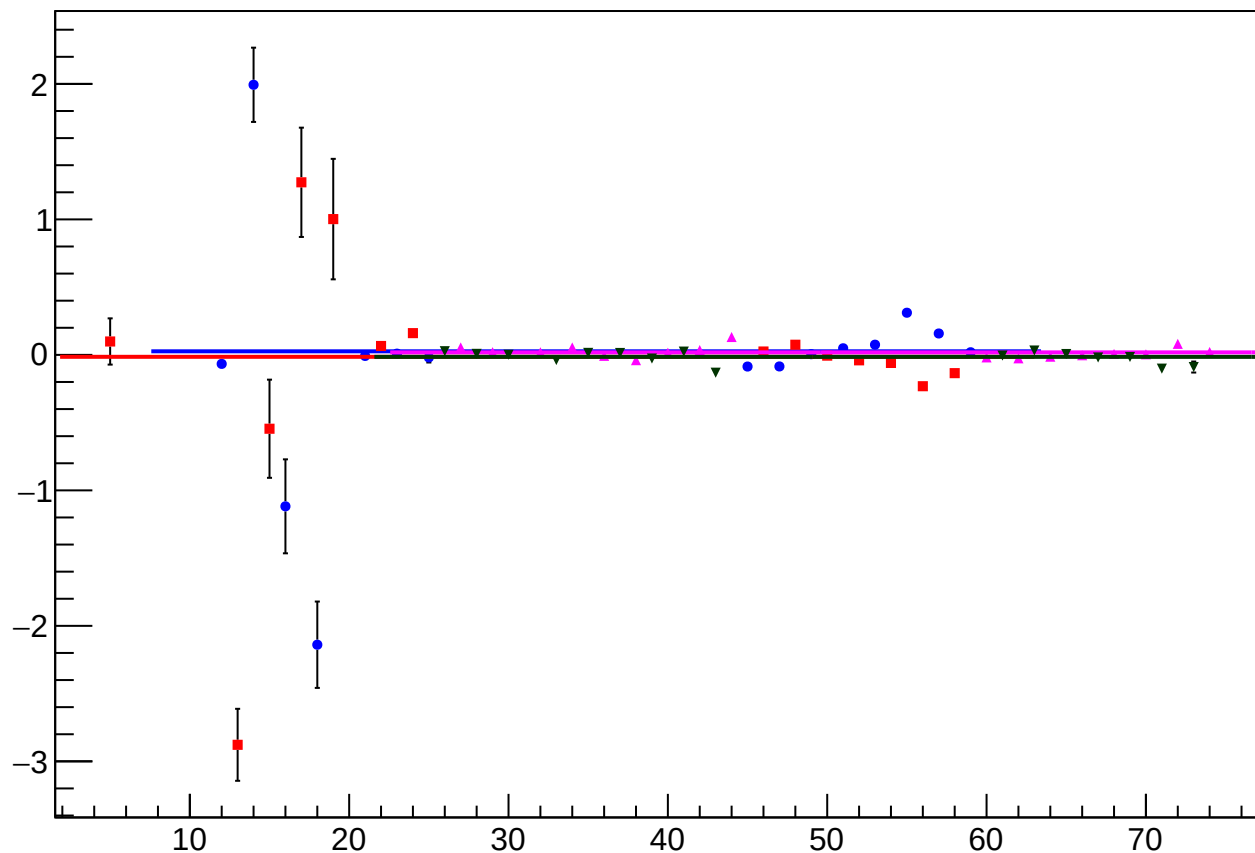
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.052 χ^2/NDF : 0.0/0

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

0.051+/-0.052 χ^2/NDF : 0.0/0

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.026 ± 0.006 χ^2/NDF : 369.5/14

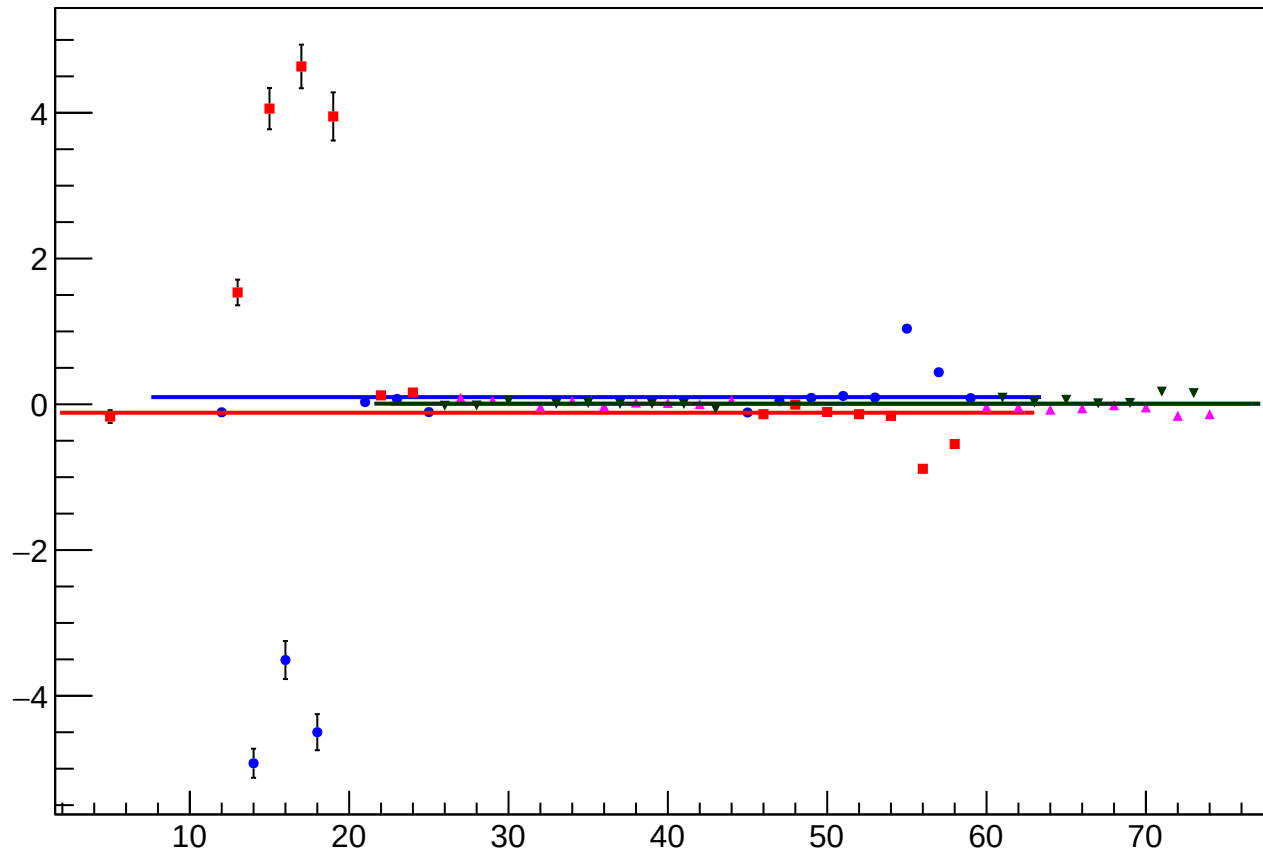
Left Out: -0.015 ± 0.005 χ^2/NDF : 76.2/15

Right Out: -0.014 ± 0.007 χ^2/NDF : 326.2/13

Left In: 0.019 ± 0.005 χ^2/NDF : 70.1/16

0.005 ± 0.003 χ^2/NDF : 886.1/61

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.098 ± 0.005 χ^2/NDF : 3402.5/14

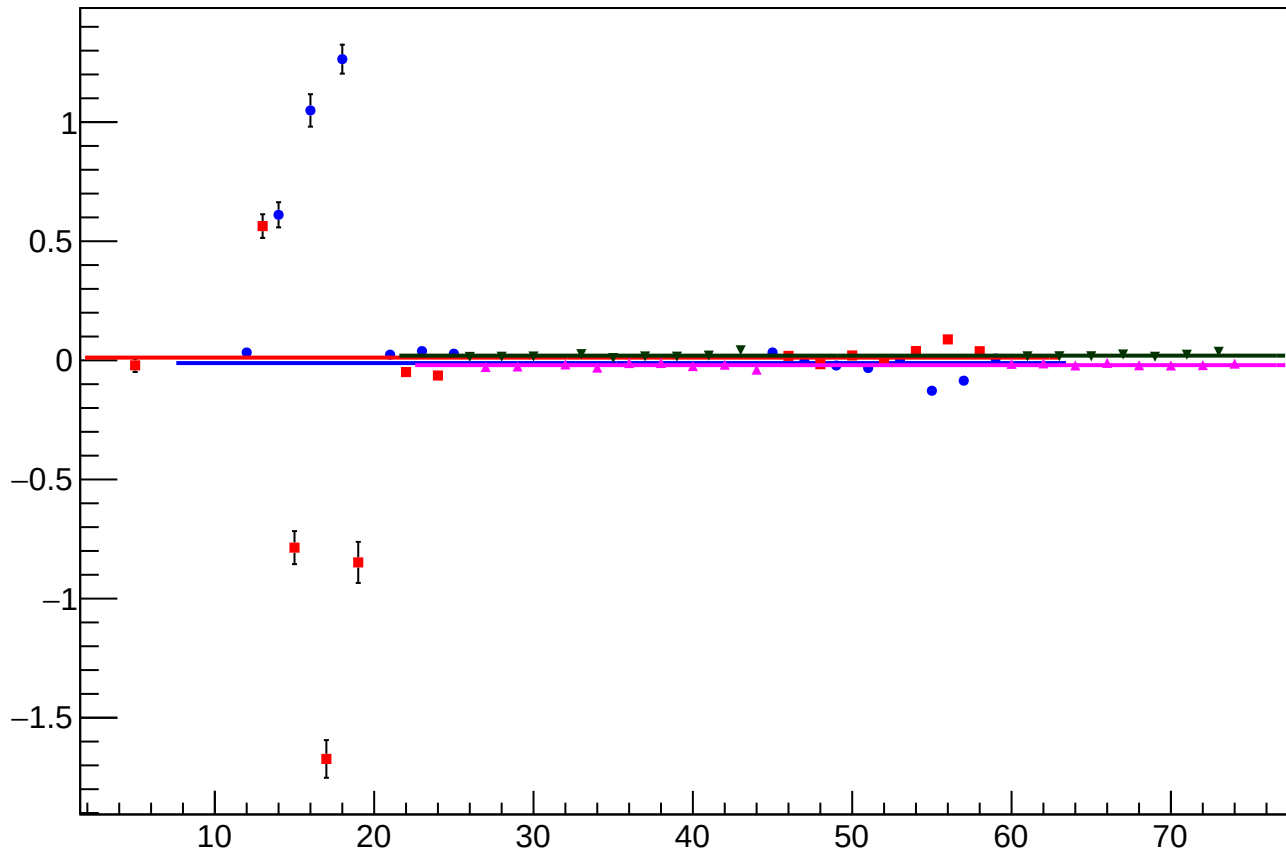
Left Out: 0.009 ± 0.004 χ^2/NDF : 78.4/15

Right Out: -0.115 ± 0.005 χ^2/NDF : 2184.4/13

Left In: 0.006 ± 0.004 χ^2/NDF : 156.8/16

0.007 ± 0.002 χ^2/NDF : 6726.1/61

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.011 $\pm$ 0.001 χ^2/NDF : 2580.7/14

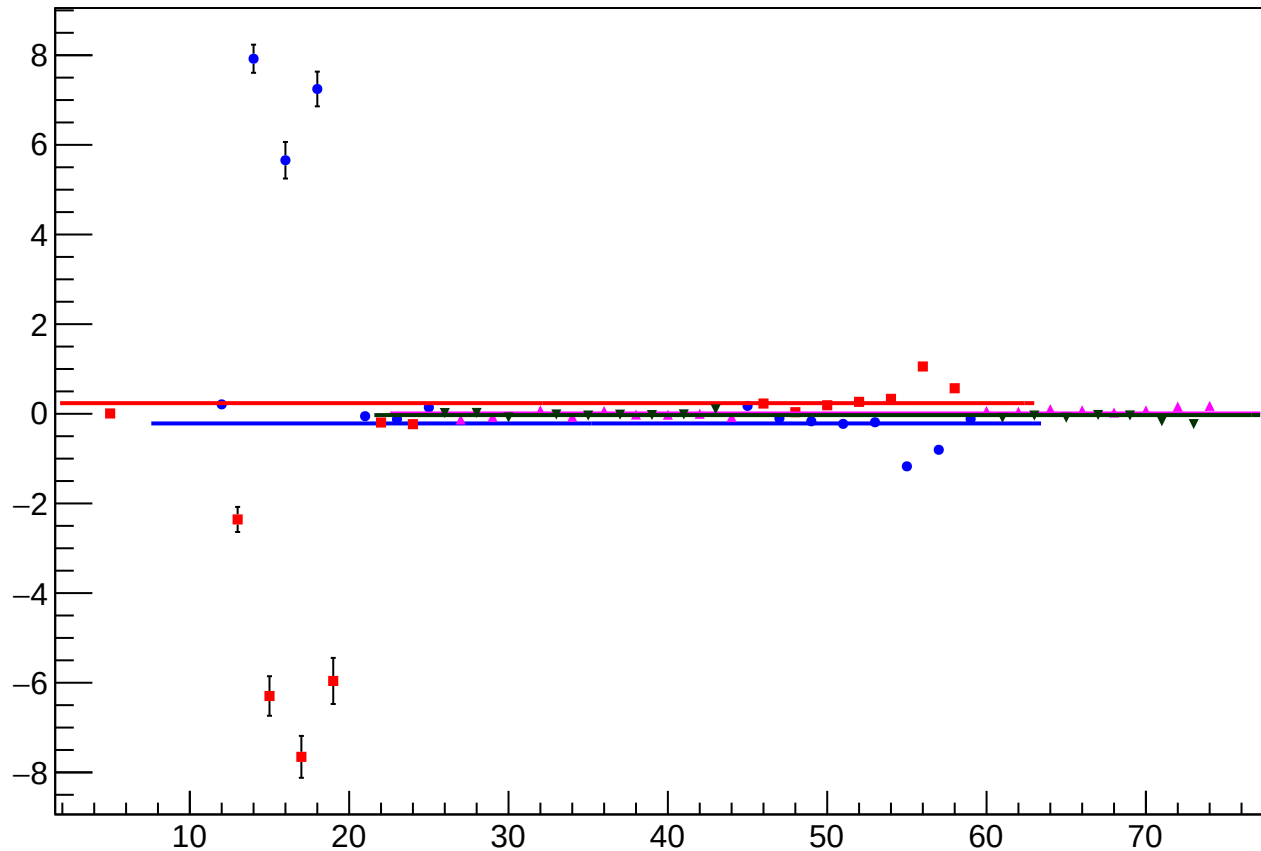
Left Out: 0.020 $\pm$ 0.001 χ^2/NDF : 82.4/15

Right Out: 0.012 $\pm$ 0.001 χ^2/NDF : 1762.3/13

Left In: -0.020 $\pm$ 0.001 χ^2/NDF : 89.6/16

-0.001 $\pm$ 0.000 χ^2/NDF : 5901.6/61

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.215 $\pm$ 0.007 χ^2/NDF : 3771.4/14

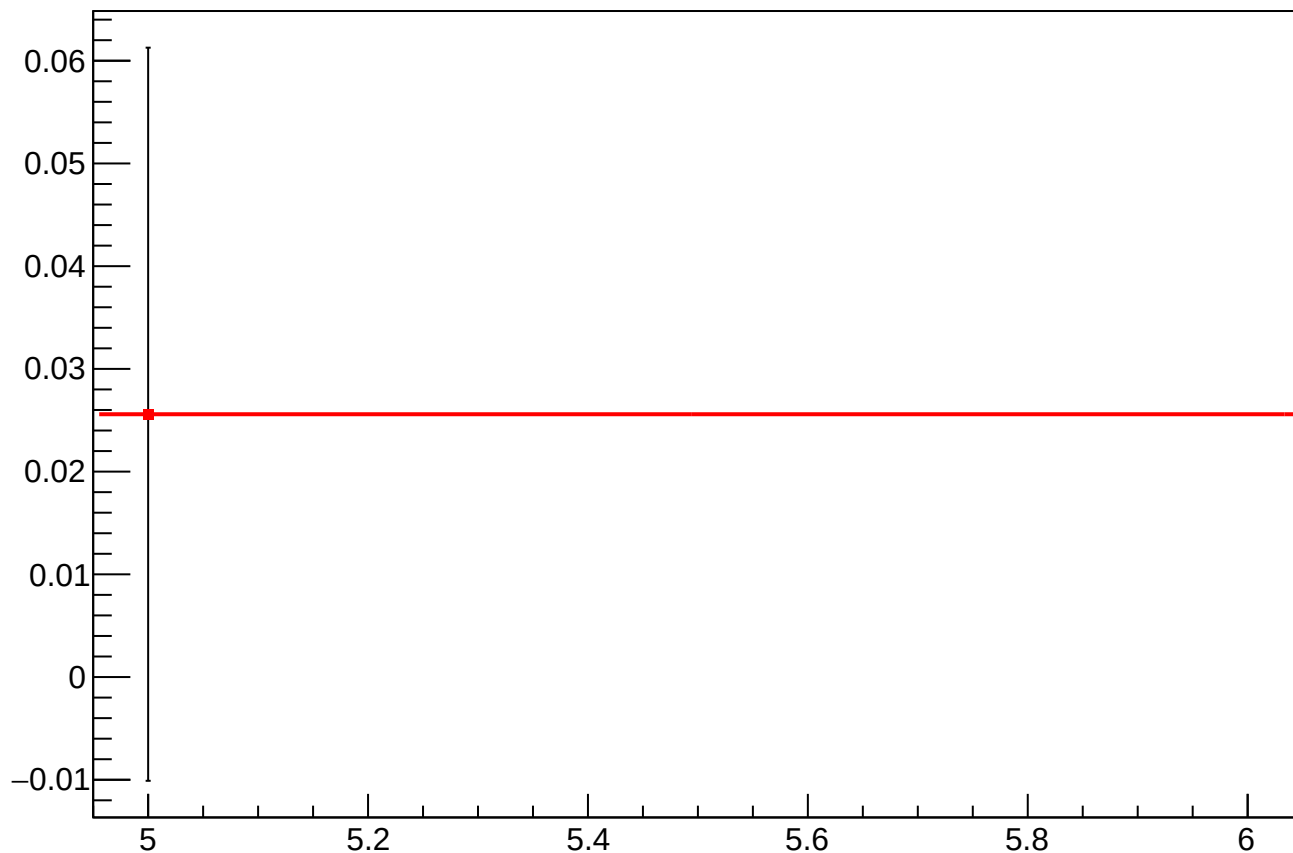
Left Out: -0.029 $\pm$ 0.007 χ^2/NDF : 71.3/15

-0.015 $\pm$ 0.004 χ^2/NDF : 7869.6/61

Right Out: 0.238 $\pm$ 0.008 χ^2/NDF : 2162.0/13

Left In: 0.008 $\pm$ 0.006 χ^2/NDF : 144.7/16

reg_bcm_dg_ds_ds_dd_diff_bpm12X_slope vs slug



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

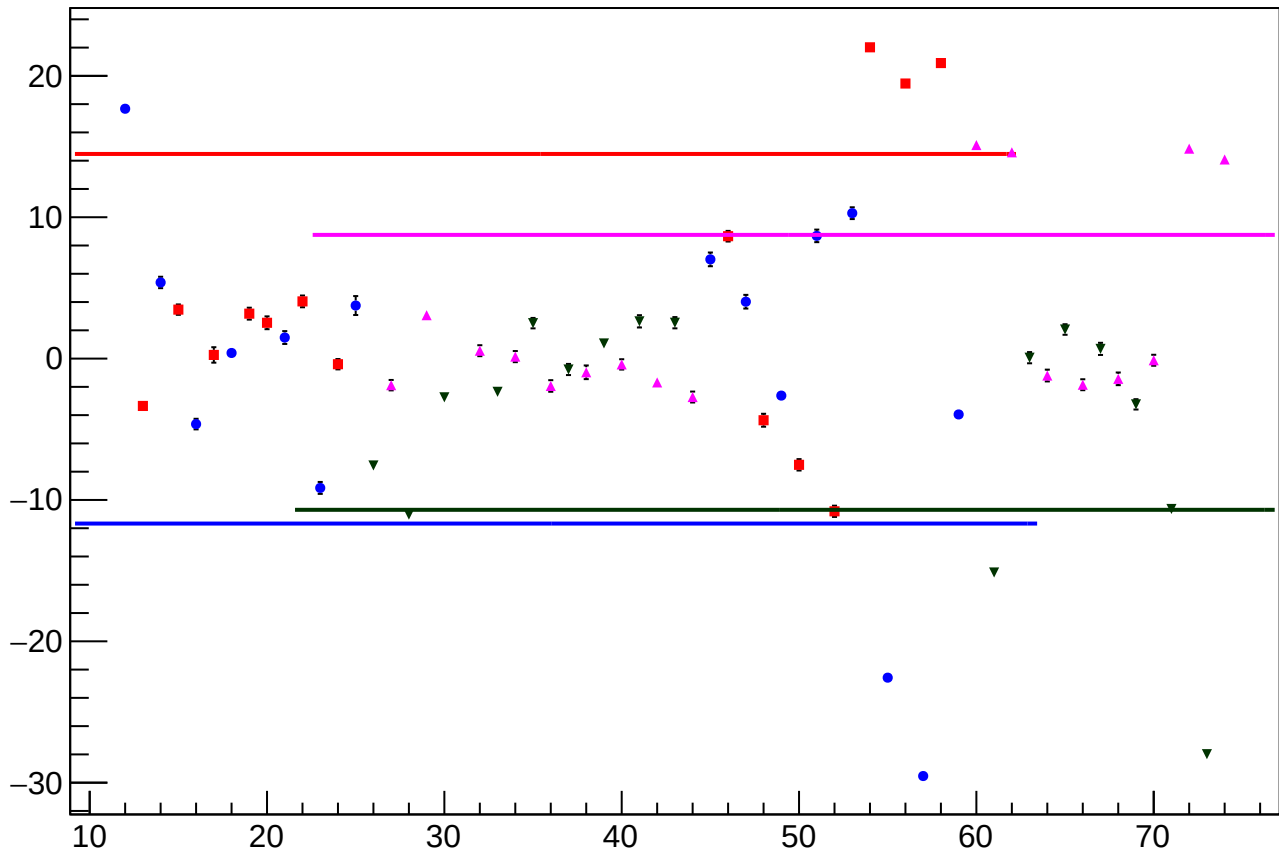
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.036 χ^2 /NDF: 0.0/0

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

0.026 $\pm$ 0.036 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -11.670 ± 0.054 χ^2/NDF : 65326.0/14

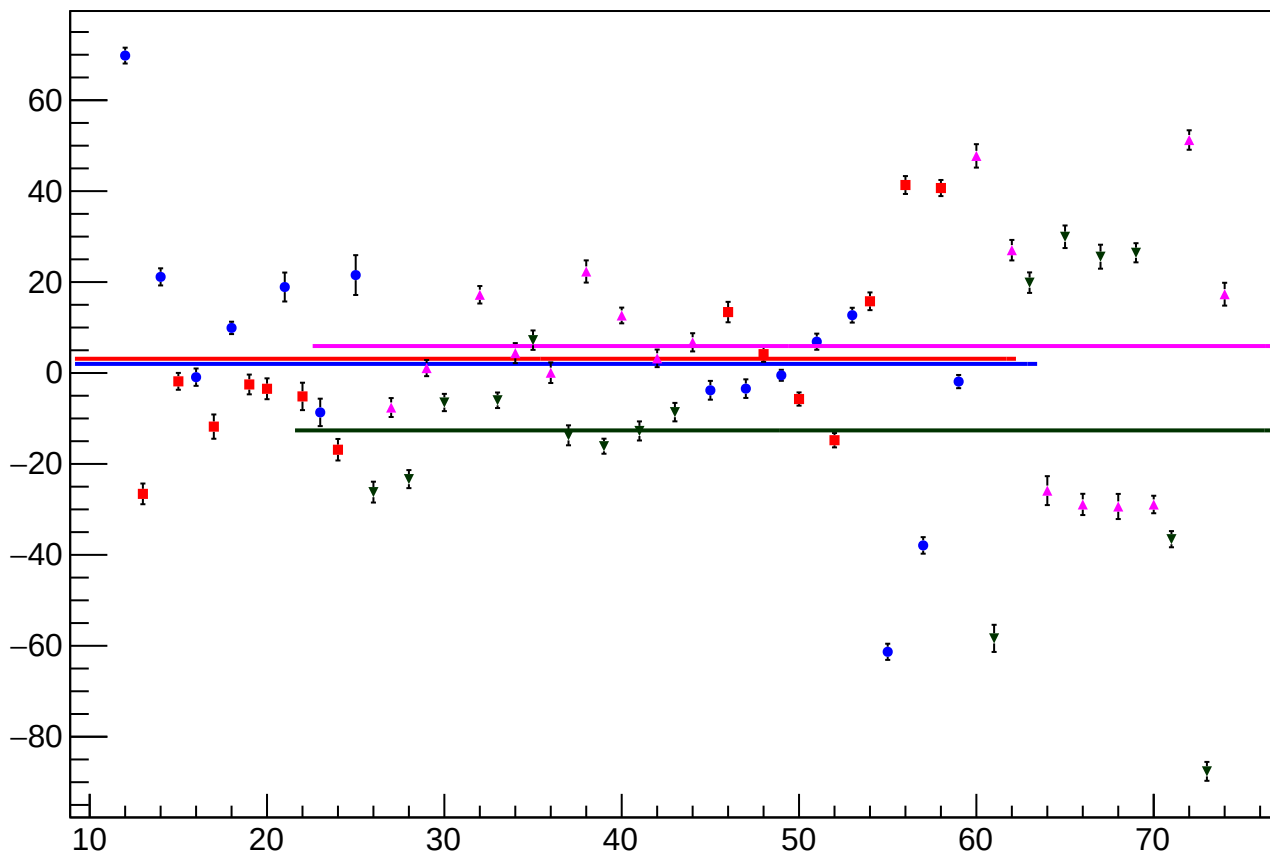
Left Out: -10.697 ± 0.063 χ^2/NDF : 21647.3/15

Right Out: 14.476 ± 0.064 χ^2/NDF : 23934.7/13

Left In: 8.751 ± 0.066 χ^2/NDF : 13400.9/16

-1.162 ± 0.030 χ^2/NDF : 268512.9/61

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 2.001 ± 0.465 $\chi^2/\text{NDF}: 3542.2/14$

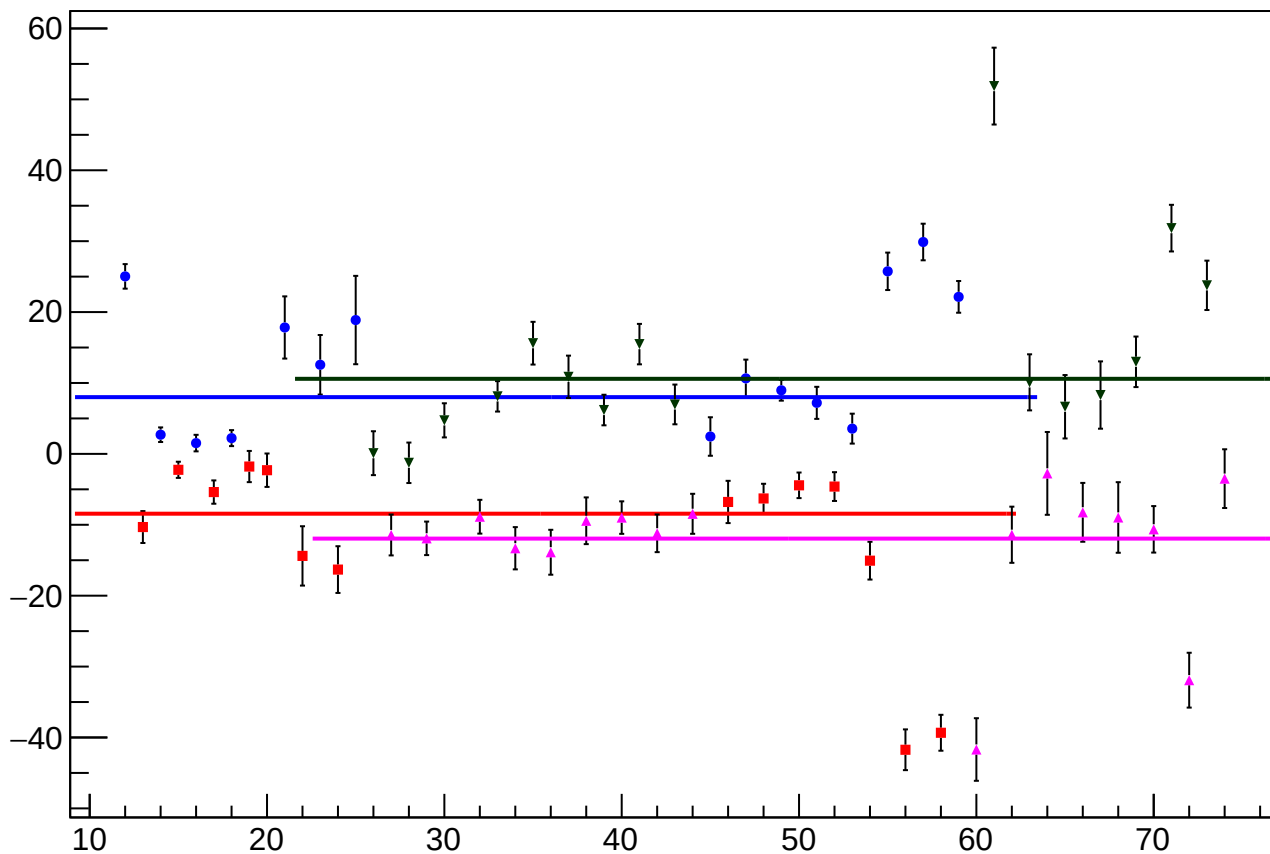
Left Out: -12.625 ± 0.519 $\chi^2/\text{NDF}: 2960.1/15$

Right Out: 3.132 ± 0.529 $\chi^2/\text{NDF}: 1358.4/13$

Left In: 5.928 ± 0.524 $\chi^2/\text{NDF}: 1786.6/16$

-0.309 ± 0.253 $\chi^2/\text{NDF}: 10419.6/61$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 8.003 ± 0.467 χ^2/NDF : 356.9/14

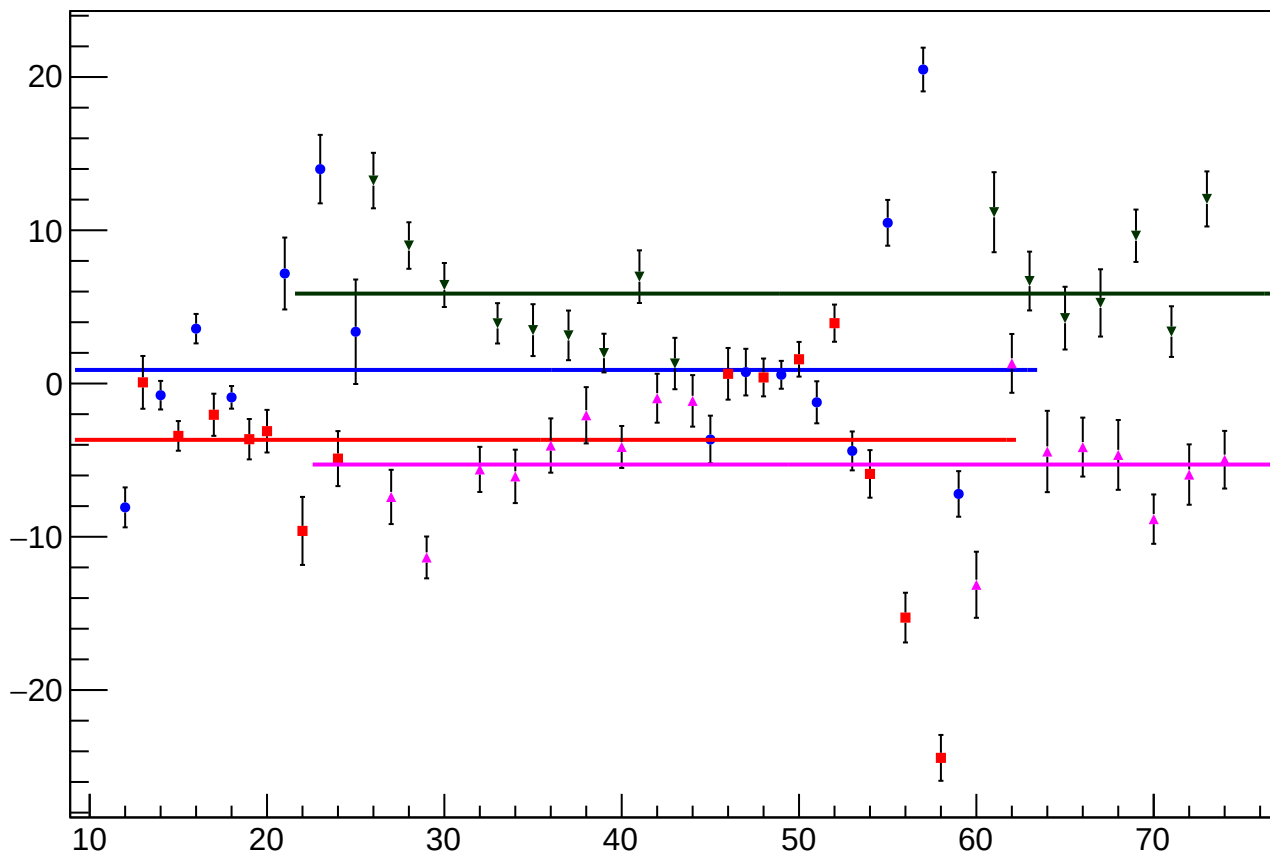
Left Out: 10.587 ± 0.756 χ^2/NDF : 163.1/15

Right Out: -8.437 ± 0.560 χ^2/NDF : 356.4/13

Left In: -11.949 ± 0.767 χ^2/NDF : 86.2/16

0.720 ± 0.298 χ^2/NDF : 1916.5/61

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.886 ± 0.321 $\chi^2/\text{NDF}: 394.4/14$

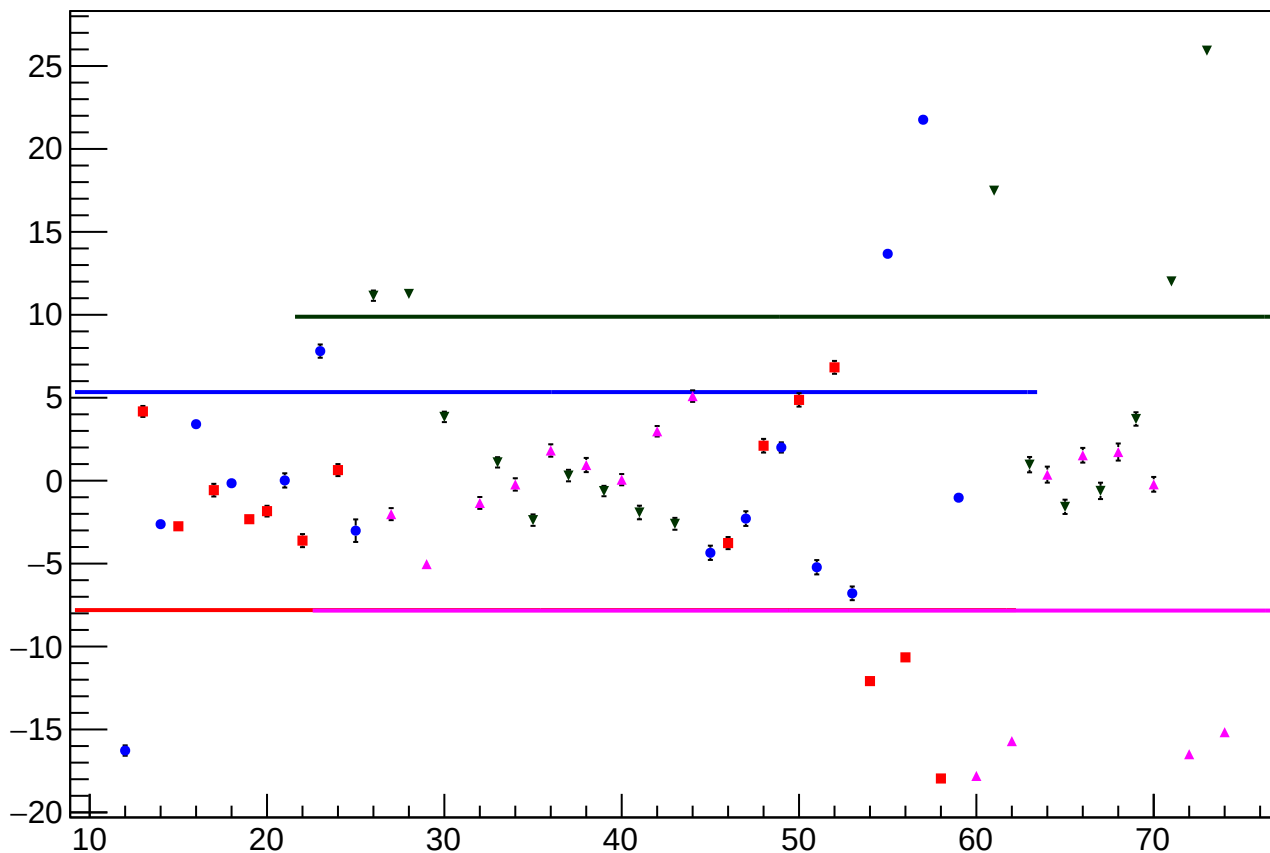
Left Out: 5.868 ± 0.417 $\chi^2/\text{NDF}: 69.2/15$

Right Out: -3.675 ± 0.371 $\chi^2/\text{NDF}: 338.0/13$

Left In: -5.286 ± 0.424 $\chi^2/\text{NDF}: 69.7/16$

-0.487 ± 0.188 $\chi^2/\text{NDF}: 1323.1/61$

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 5.340 ± 0.065 $\chi^2/\text{NDF}: 24839.2/14$

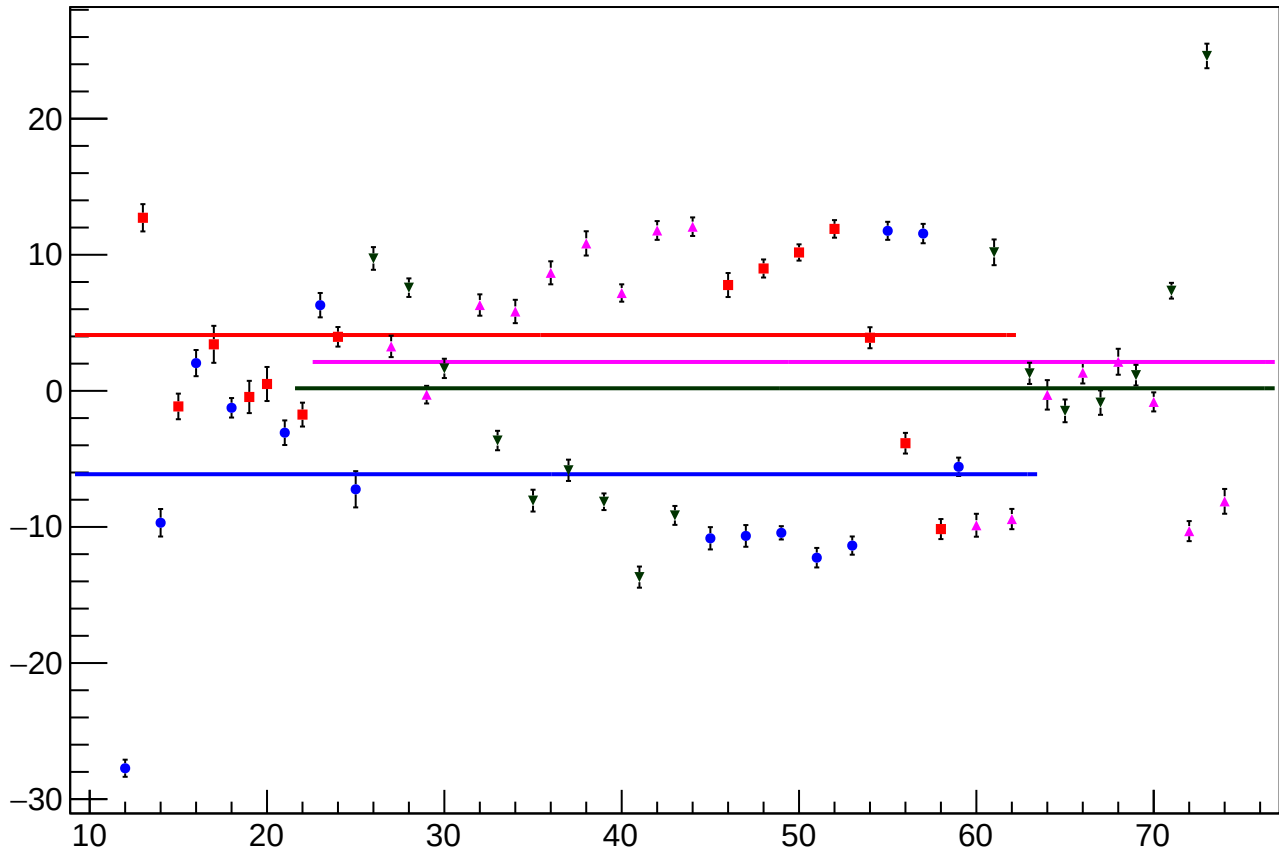
Left Out: 9.884 ± 0.070 $\chi^2/\text{NDF}: 17603.1/15$

0.388 ± 0.035 $\chi^2/\text{NDF}: 118005.2/61$

Right Out: -7.803 ± 0.070 $\chi^2/\text{NDF}: 12443.6/13$

Left In: -7.832 ± 0.075 $\chi^2/\text{NDF}: 13202.3/16$

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -6.125 ± 0.191 χ^2/NDF : 3140.9/14

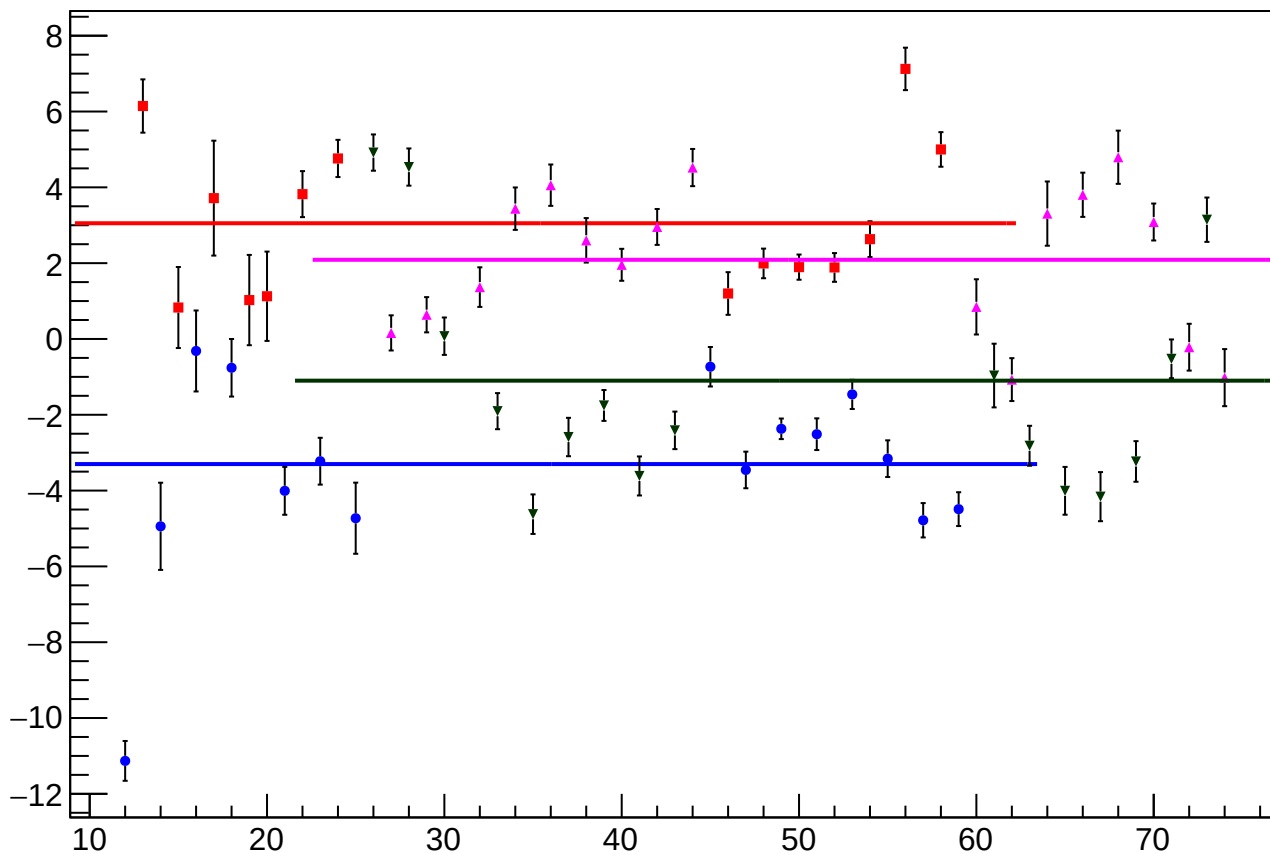
Left Out: 0.190 ± 0.187 χ^2/NDF : 2139.5/15

Right Out: 4.103 ± 0.217 χ^2/NDF : 977.6/13

Left In: 2.123 ± 0.188 χ^2/NDF : 1568.2/16

-0.148 ± 0.097 χ^2/NDF : 9339.2/61

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -3.301 ± 0.128 χ^2/NDF : 327.1/14

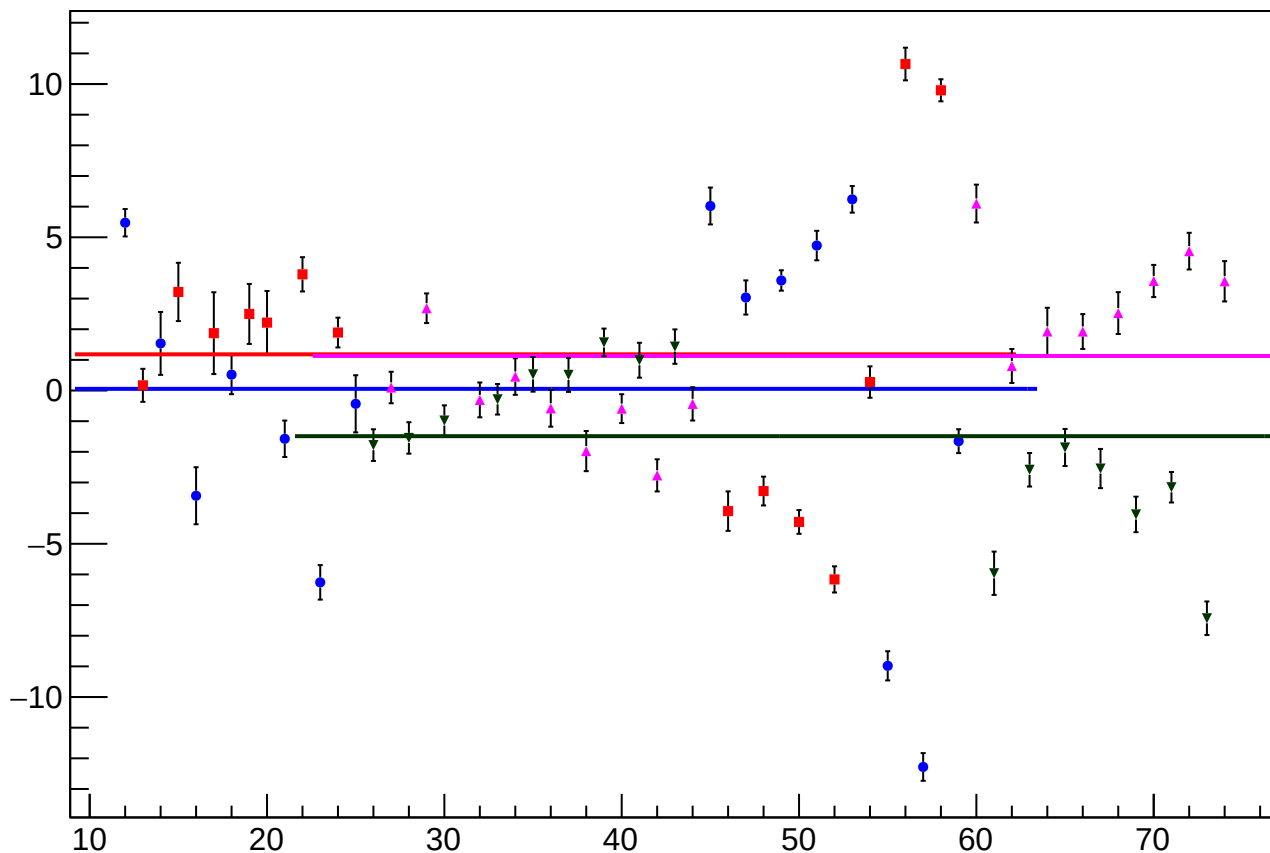
Left Out: -1.100 ± 0.131 χ^2/NDF : 510.3/15

Right Out: 3.053 ± 0.142 χ^2/NDF : 154.8/13

Left In: 2.088 ± 0.133 χ^2/NDF : 171.4/16

0.013 ± 0.066 χ^2/NDF : 2615.3/61

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 0.055 ± 0.132 χ^2/NDF : 1959.5/14

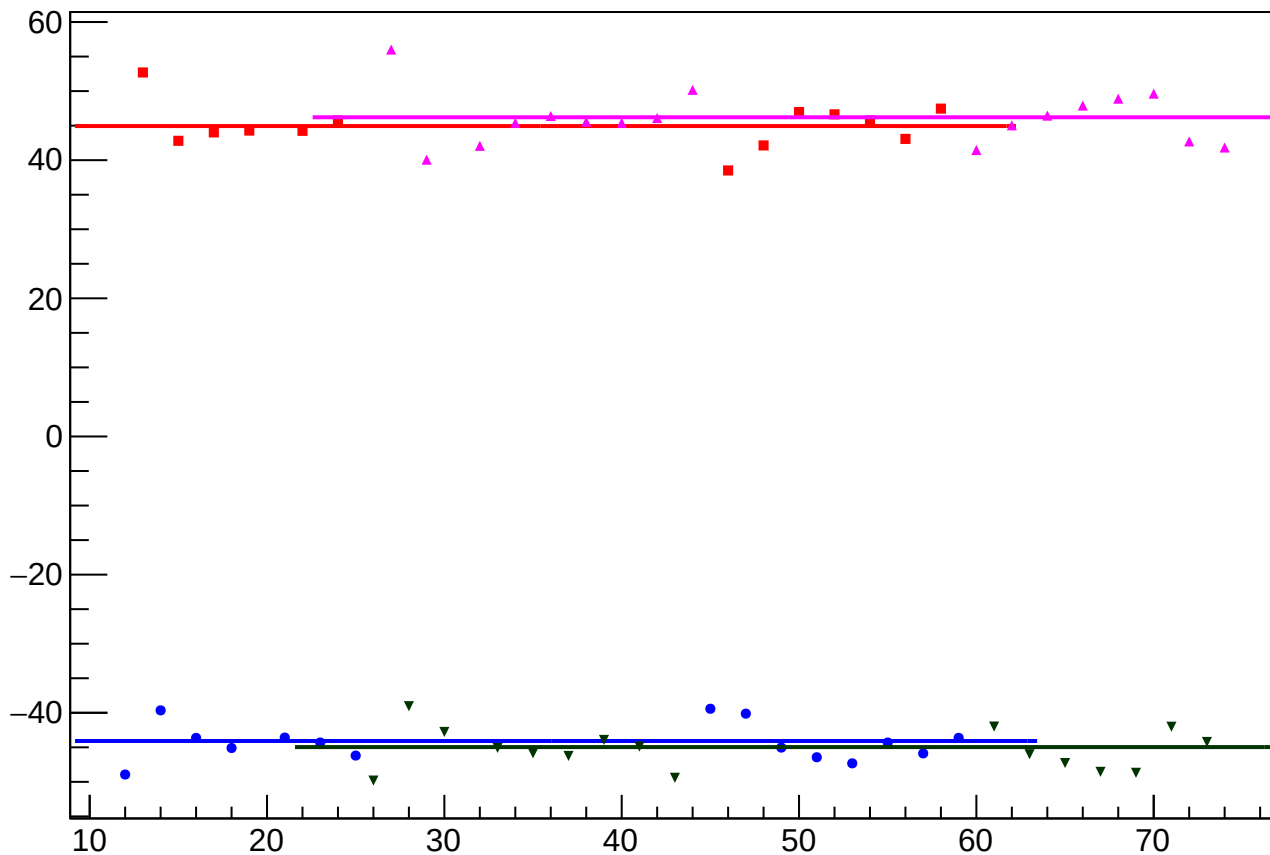
Left Out: -1.489 ± 0.136 χ^2/NDF : 320.3/15

Right Out: 1.181 ± 0.143 χ^2/NDF : 1577.1/13

Left In: 1.128 ± 0.138 χ^2/NDF : 269.9/16

0.184 ± 0.069 χ^2/NDF : 4374.2/61

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -44.085 ± 0.038 $\chi^2/\text{NDF}: 5008.9/14$

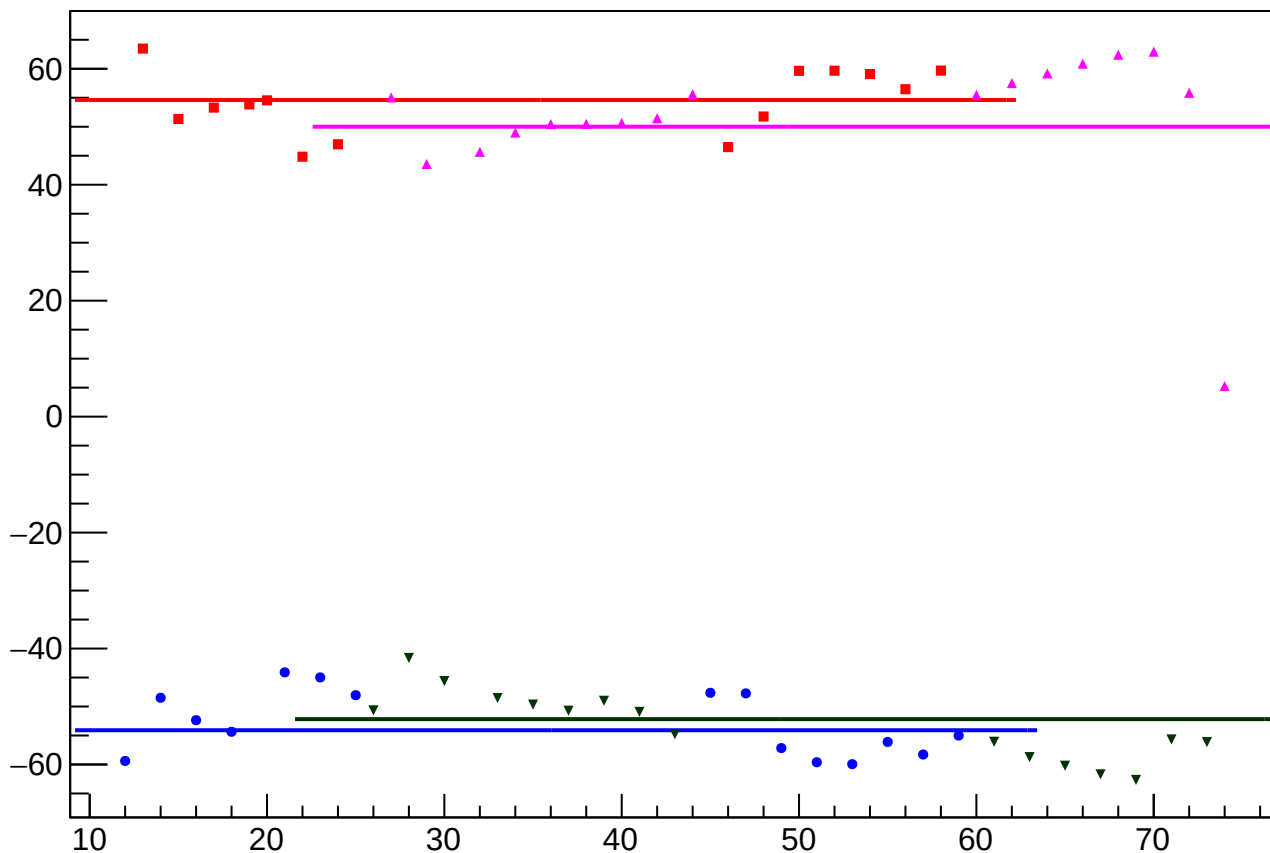
Left Out: -44.966 ± 0.044 $\chi^2/\text{NDF}: 4467.3/15$

Right Out: 44.938 ± 0.044 $\chi^2/\text{NDF}: 4883.4/12$

Left In: 46.210 ± 0.043 $\chi^2/\text{NDF}: 11013.6/16$

-2.436 ± 0.021 $\chi^2/\text{NDF}: 4598305.5/60$

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -54.094 $\pm$ 0.035 χ^2 /NDF: 21072.8/14

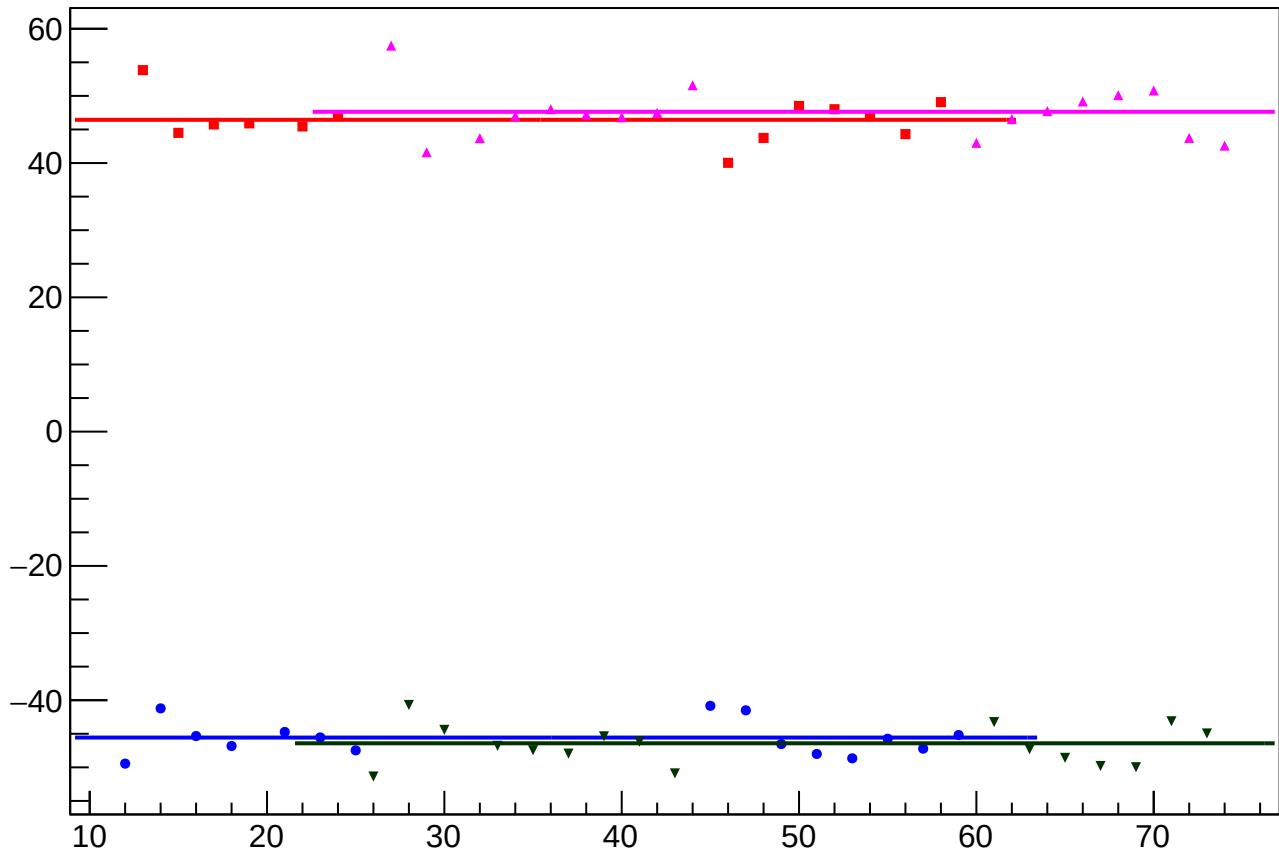
Left Out: -52.176 $\pm$ 0.036 χ^2 /NDF: 25760.8/15

Right Out: 54.616 $\pm$ 0.040 χ^2 /NDF: 19196.9/13

Left In: 50.009 $\pm$ 0.036 χ^2 /NDF: 129968.8/16

-4.098 $\pm$ 0.018 χ^2 /NDF: 8523743.9/61

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.564 ± 0.040 $\chi^2/\text{NDF}: 4064.0/14$

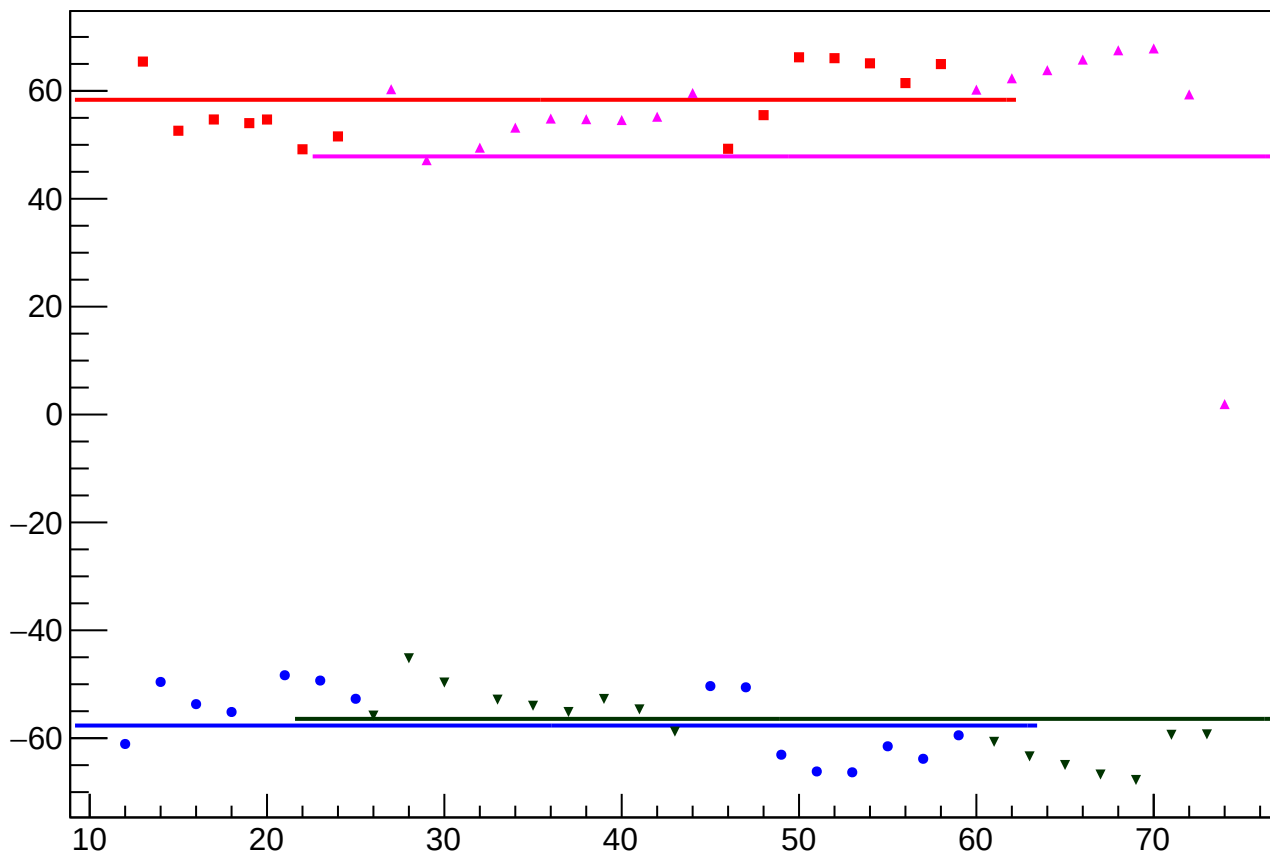
Left Out: -46.417 ± 0.047 $\chi^2/\text{NDF}: 3900.4/15$

Right Out: 46.439 ± 0.047 $\chi^2/\text{NDF}: 4033.5/12$

Left In: 47.633 ± 0.046 $\chi^2/\text{NDF}: 9574.0/16$

-2.580 ± 0.022 $\chi^2/\text{NDF}: 4285872.7/60$

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.657 $\pm$ 0.033 χ^2 /NDF: 34876.1/14

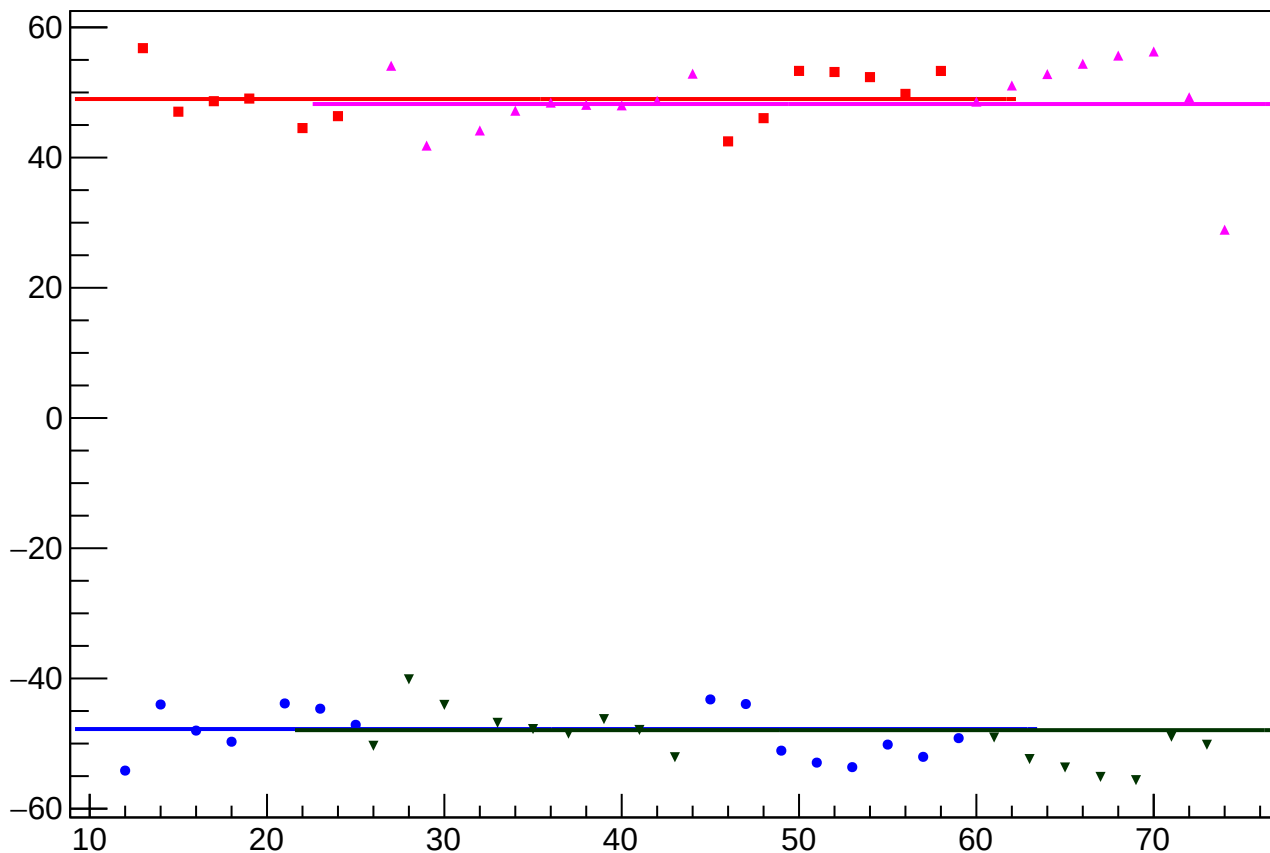
Left Out: -56.420 $\pm$ 0.033 χ^2 /NDF: 33320.5/15

Right Out: 58.351 $\pm$ 0.038 χ^2 /NDF: 29763.5/13

Left In: 47.854 $\pm$ 0.031 χ^2 /NDF: 481428.2/16

-3.981 $\pm$ 0.017 χ^2 /NDF: 11128650.4/61

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.769 ± 0.019 $\chi^2/\text{NDF}: 39425.8/14$

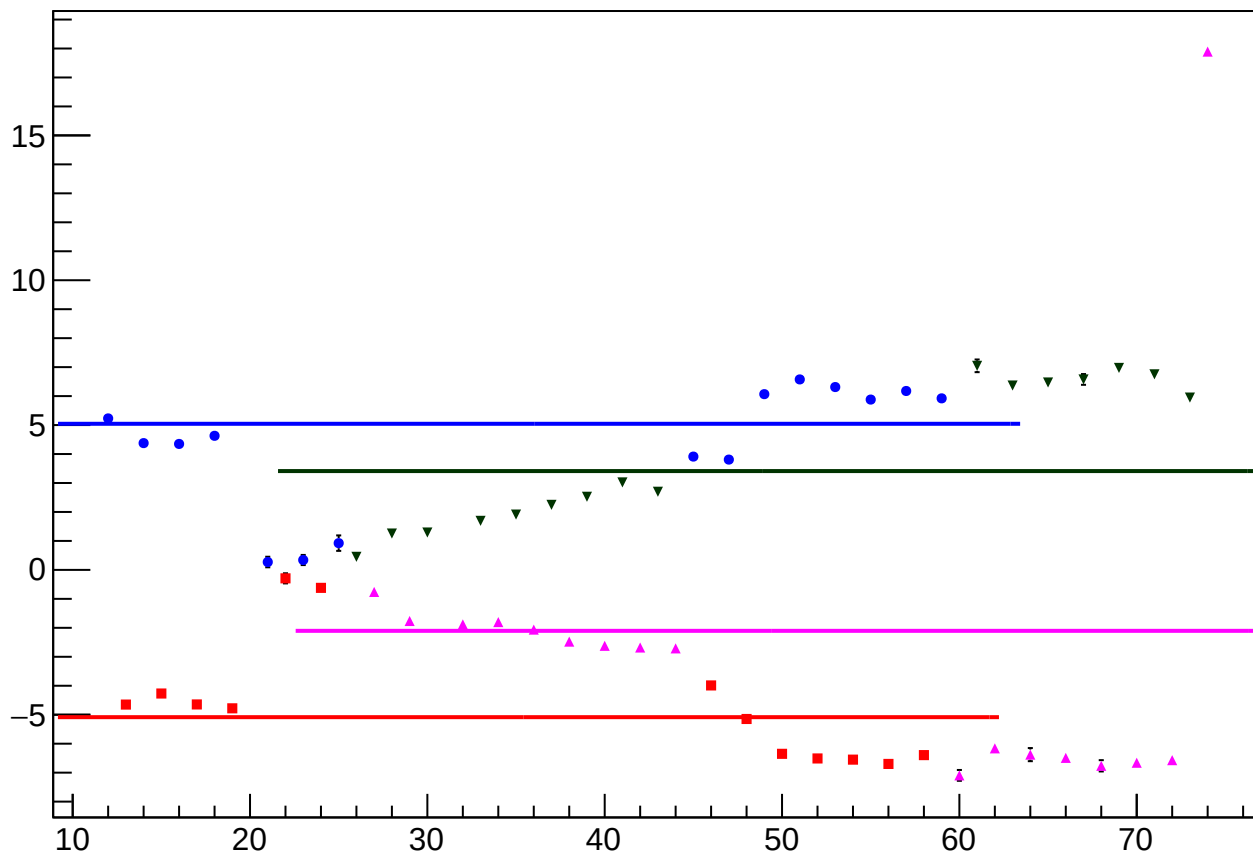
Left Out: -47.939 ± 0.020 $\chi^2/\text{NDF}: 45371.9/15$

Right Out: 48.992 ± 0.022 $\chi^2/\text{NDF}: 36136.2/12$

Left In: 48.223 ± 0.019 $\chi^2/\text{NDF}: 74233.5/16$

-2.524 ± 0.010 $\chi^2/\text{NDF}: 23577112.6/60$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.044 ± 0.030 χ^2/NDF : 2610.3/14

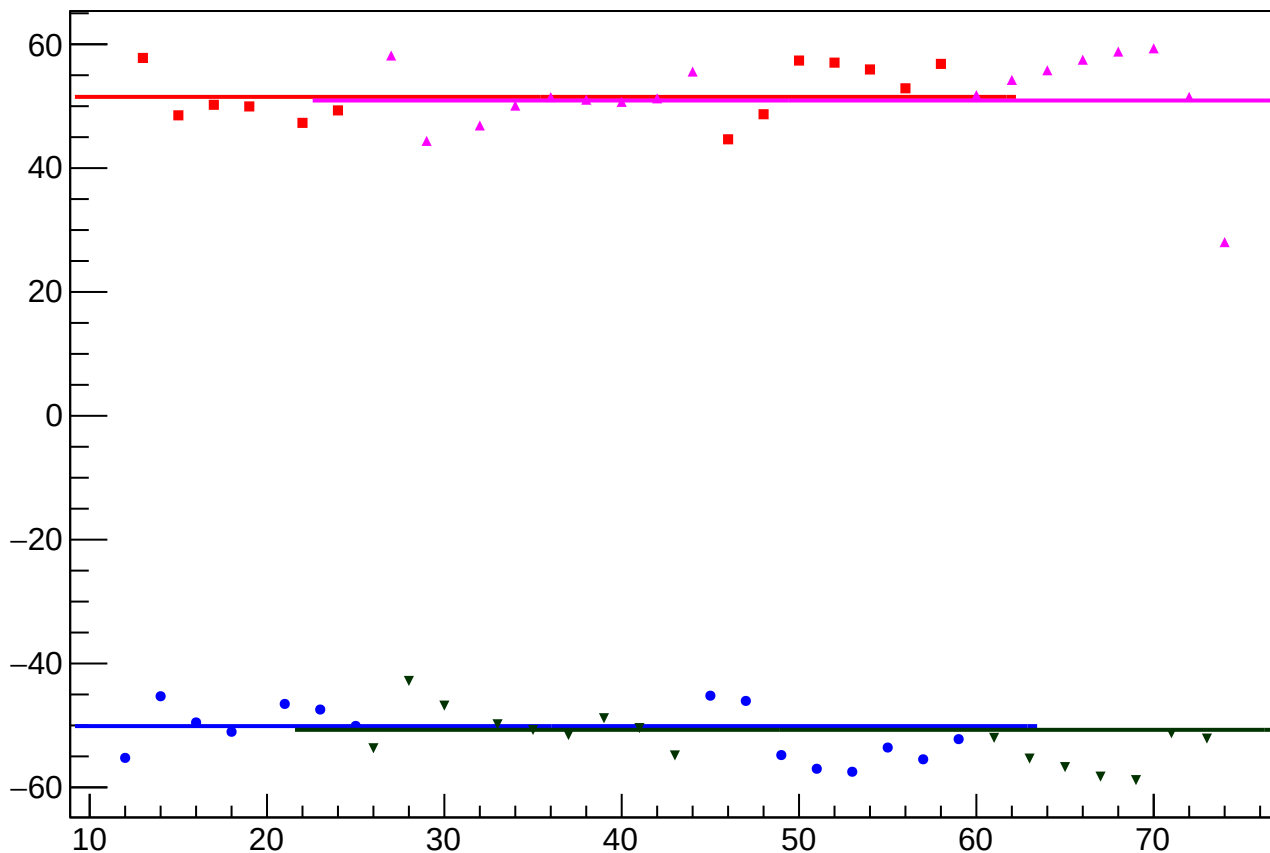
Left Out: 3.412 ± 0.035 χ^2/NDF : 4265.3/15

Right Out: -5.085 ± 0.035 χ^2/NDF : 2634.6/12

Left In: -2.104 ± 0.035 χ^2/NDF : 26907.1/16

0.714 ± 0.017 χ^2/NDF : 96399.1/60

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -50.109 ± 0.020 $\chi^2/\text{NDF}: 43598.2/14$

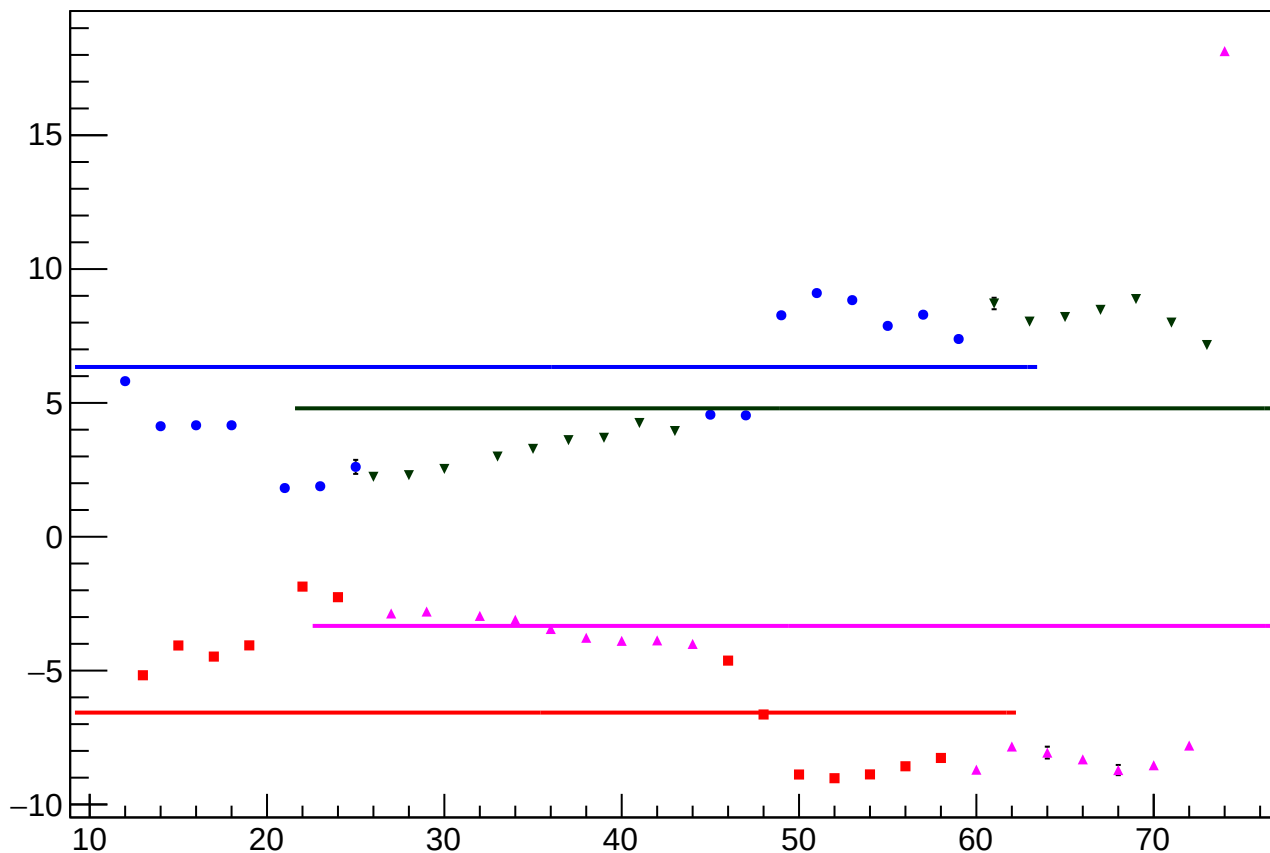
Left Out: -50.710 ± 0.022 $\chi^2/\text{NDF}: 37789.8/15$

Right Out: 51.504 ± 0.023 $\chi^2/\text{NDF}: 34330.2/12$

Left In: 50.917 ± 0.022 $\chi^2/\text{NDF}: 81716.1/16$

-2.615 ± 0.011 $\chi^2/\text{NDF}: 21837762.9/60$

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 6.342 ± 0.030 χ^2/NDF : 5628.5/14

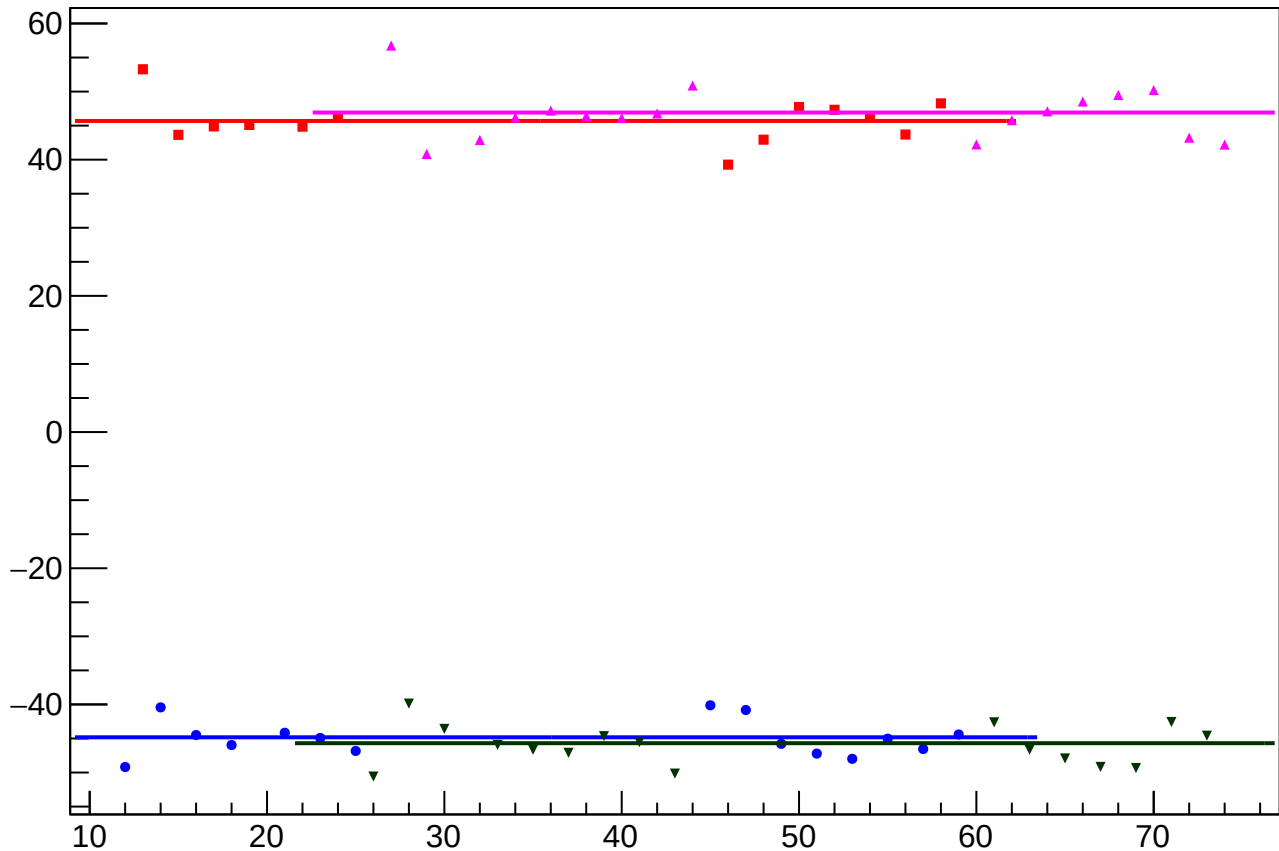
Left Out: 4.798 ± 0.034 χ^2/NDF : 4985.2/15

Right Out: -6.569 ± 0.035 χ^2/NDF : 4866.7/12

Left In: -3.330 ± 0.034 χ^2/NDF : 34338.7/16

0.813 ± 0.016 χ^2/NDF : 157508.3/60

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.826 ± 0.039 $\chi^2/\text{NDF}: 4508.4/14$

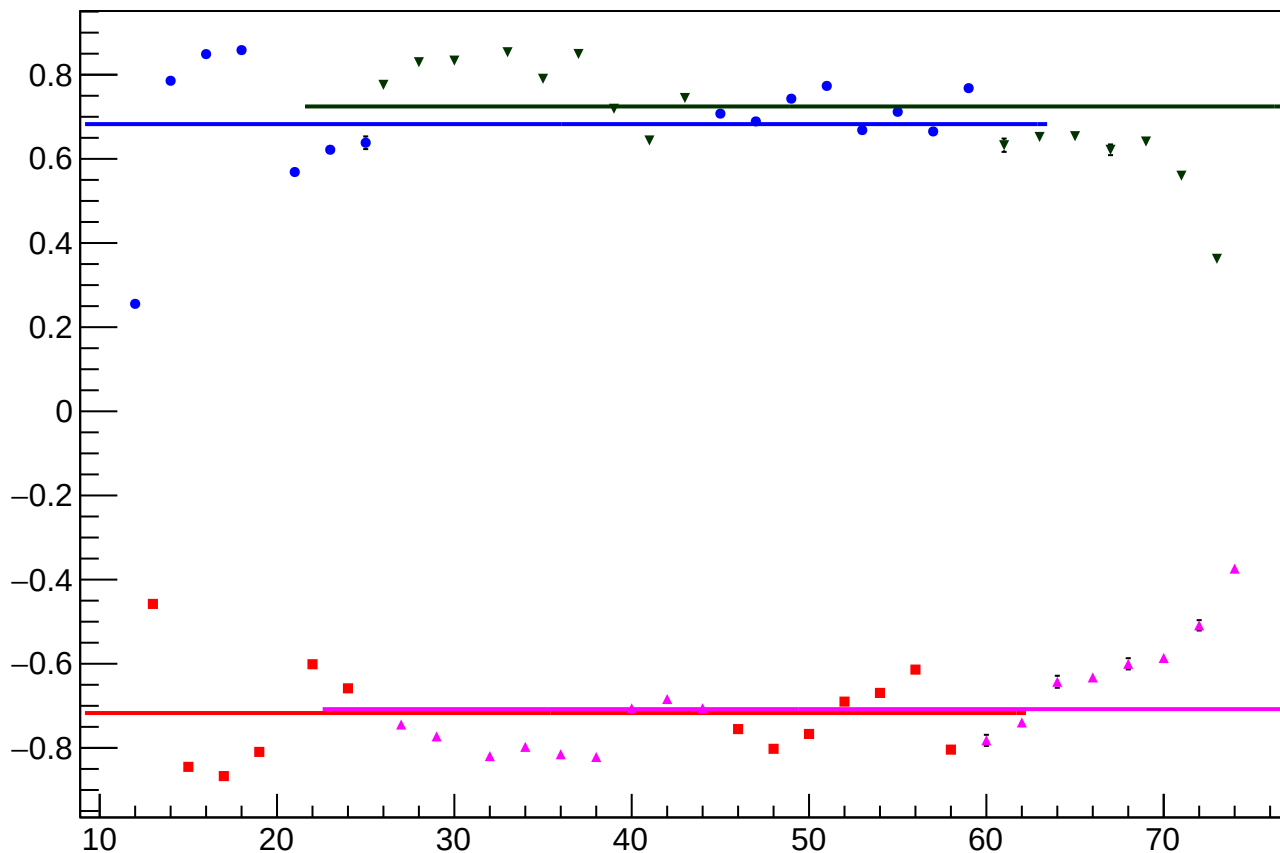
Left Out: -45.691 ± 0.046 $\chi^2/\text{NDF}: 4168.6/15$

Right Out: 45.689 ± 0.045 $\chi^2/\text{NDF}: 4439.6/12$

Left In: 46.924 ± 0.045 $\chi^2/\text{NDF}: 10278.2/16$

-2.506 ± 0.022 $\chi^2/\text{NDF}: 4443193.0/60$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.683 ± 0.002 $\chi^2/\text{NDF}: 7164.8/14$

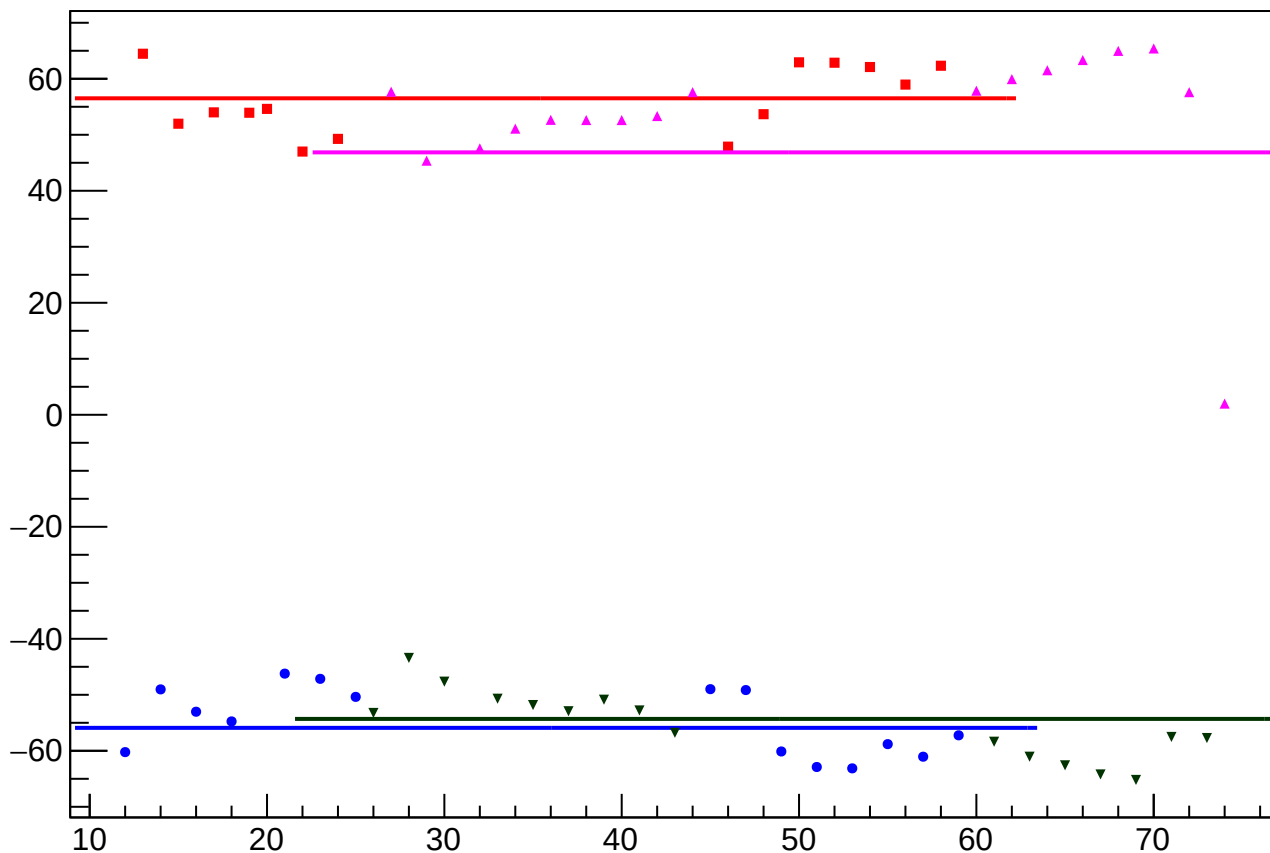
Left Out: 0.725 ± 0.002 $\chi^2/\text{NDF}: 2917.1/15$

Right Out: -0.717 ± 0.002 $\chi^2/\text{NDF}: 2116.2/12$

Left In: -0.708 ± 0.002 $\chi^2/\text{NDF}: 2259.1/16$

0.059 ± 0.001 $\chi^2/\text{NDF}: 398821.2/60$

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.901 $\pm$ 0.034 χ^2 /NDF: 27005.9/14

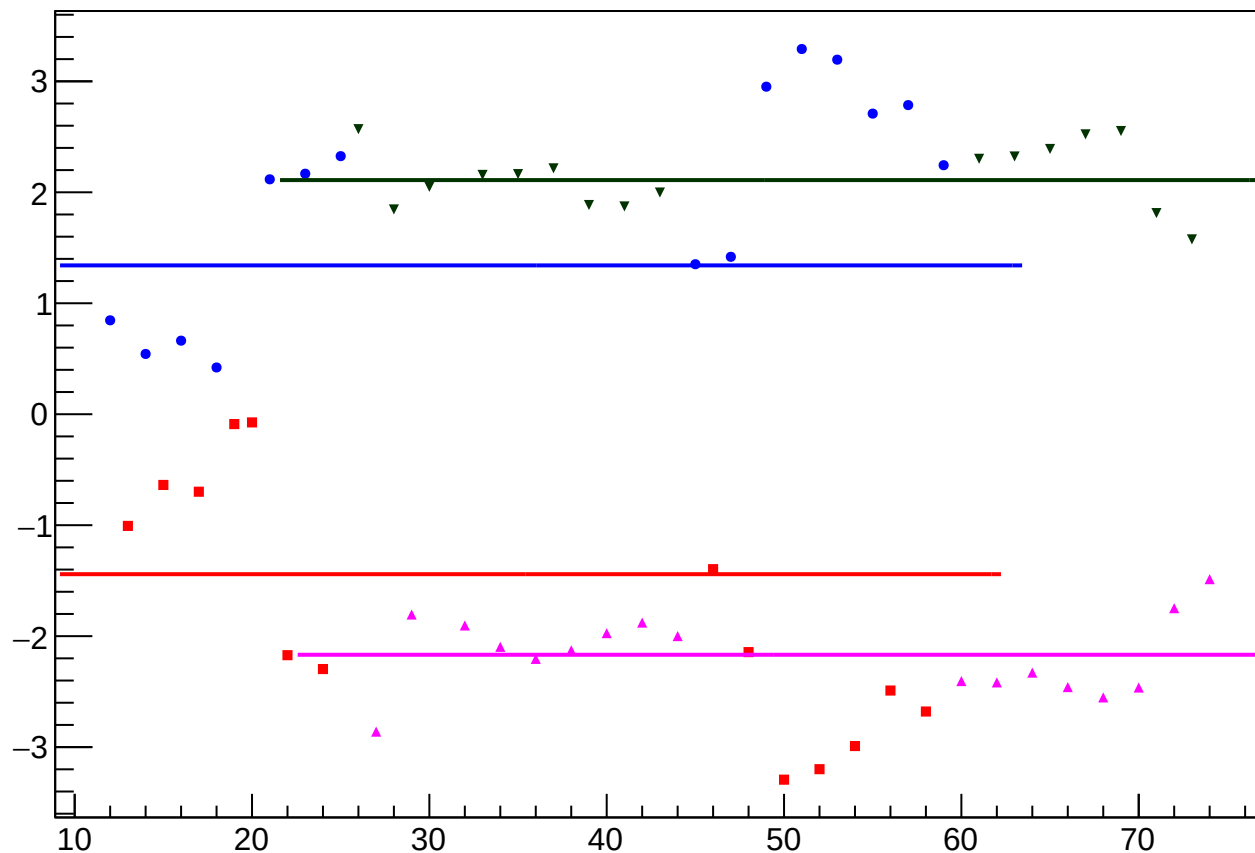
Left Out: -54.304 $\pm$ 0.034 χ^2 /NDF: 29401.9/15

Right Out: 56.512 $\pm$ 0.039 χ^2 /NDF: 23727.4/13

Left In: 46.859 $\pm$ 0.032 χ^2 /NDF: 380836.5/16

-4.006 $\pm$ 0.017 χ^2 /NDF: 9799870.1/61

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.341 ± 0.002 χ^2/NDF : 205320.4/14

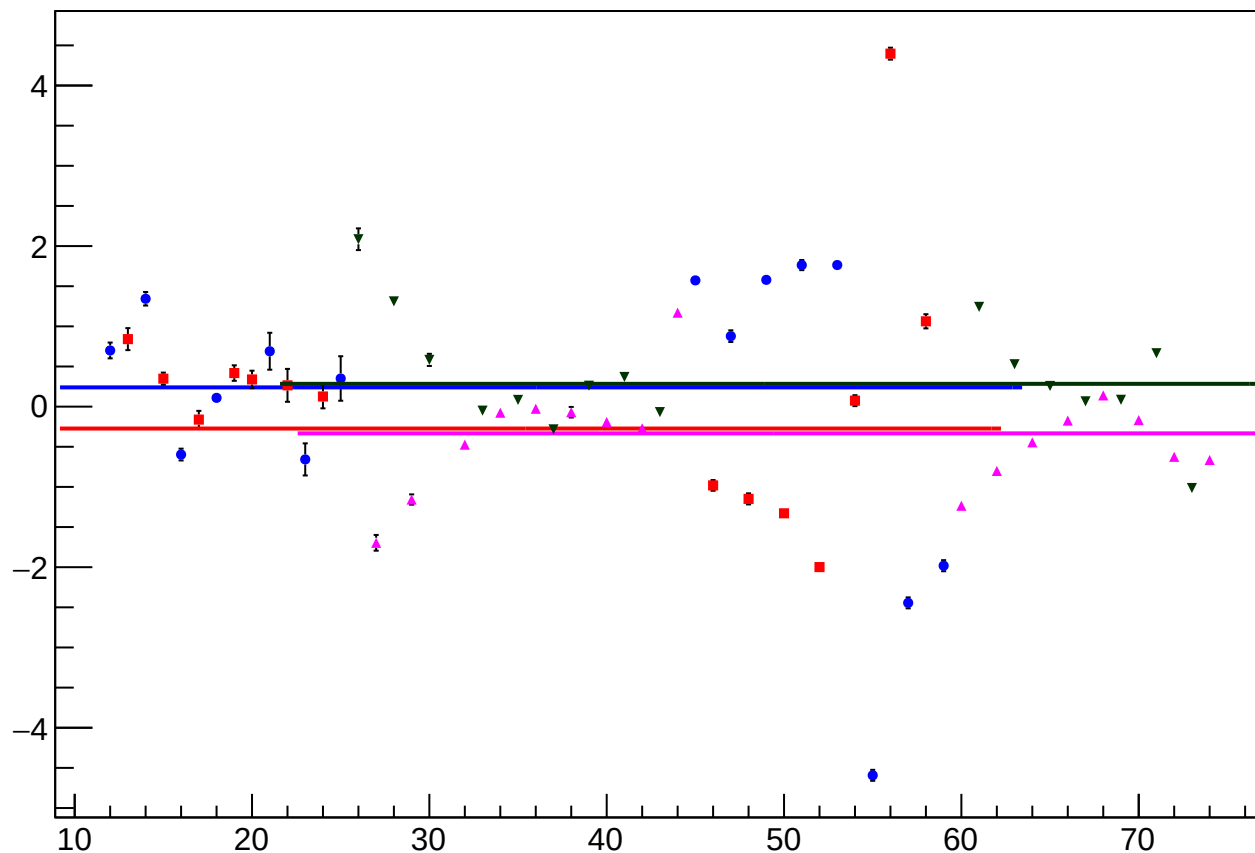
Left Out: 2.110 ± 0.003 χ^2/NDF : 7665.9/15

Right Out: -1.442 ± 0.003 χ^2/NDF : 182182.7/13

Left In: -2.168 ± 0.003 χ^2/NDF : 11085.3/16

0.105 ± 0.001 χ^2/NDF : 1993733.9/61

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.240 $\pm$ 0.018 χ^2 /NDF: 10811.2/14

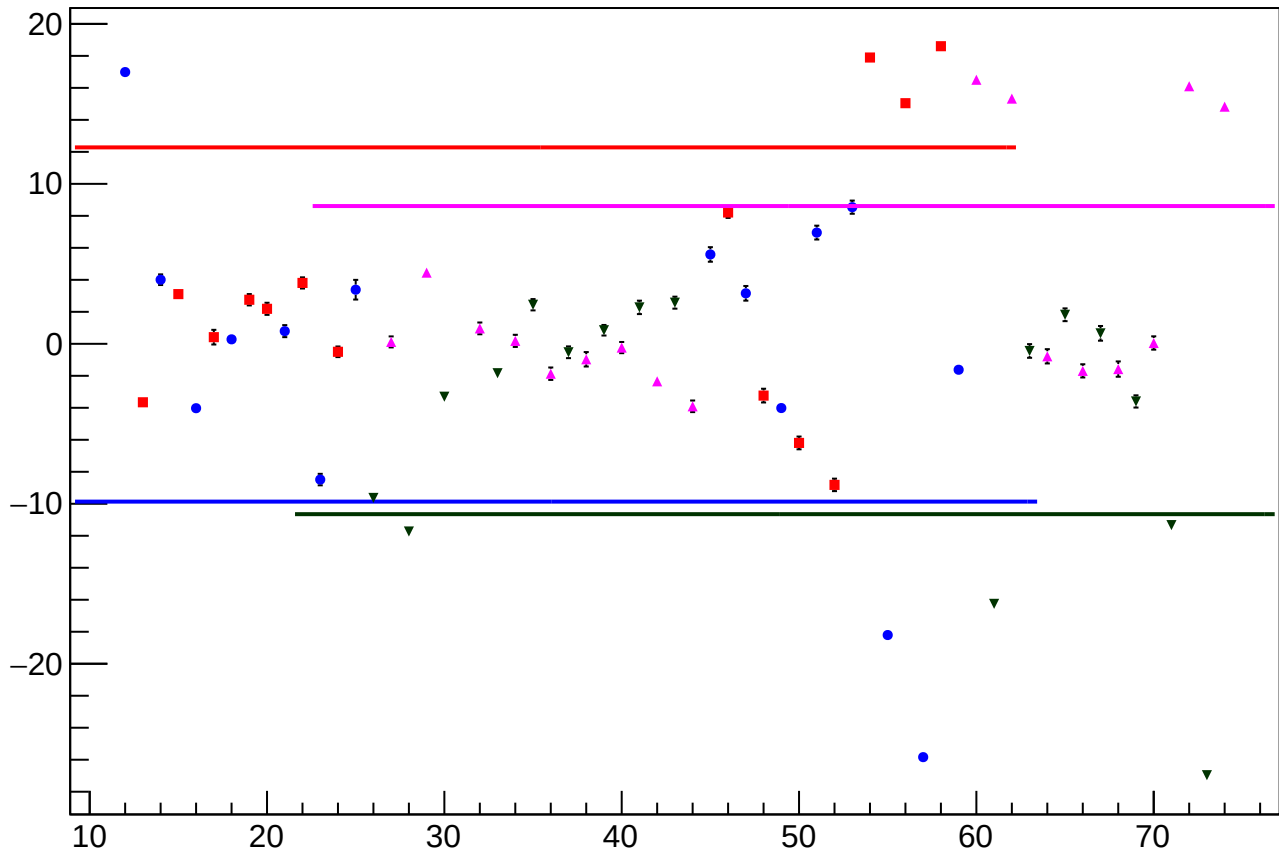
Left Out: 0.284 $\pm$ 0.012 χ^2 /NDF: 1948.3/15

Right Out: -0.273 $\pm$ 0.021 χ^2 /NDF: 6337.0/13

Left In: -0.333 $\pm$ 0.012 χ^2 /NDF: 1777.4/16

-0.010 $\pm$ 0.007 χ^2 /NDF: 22498.0/61

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -9.864±/0.055 χ^2/NDF : 51003.0/14

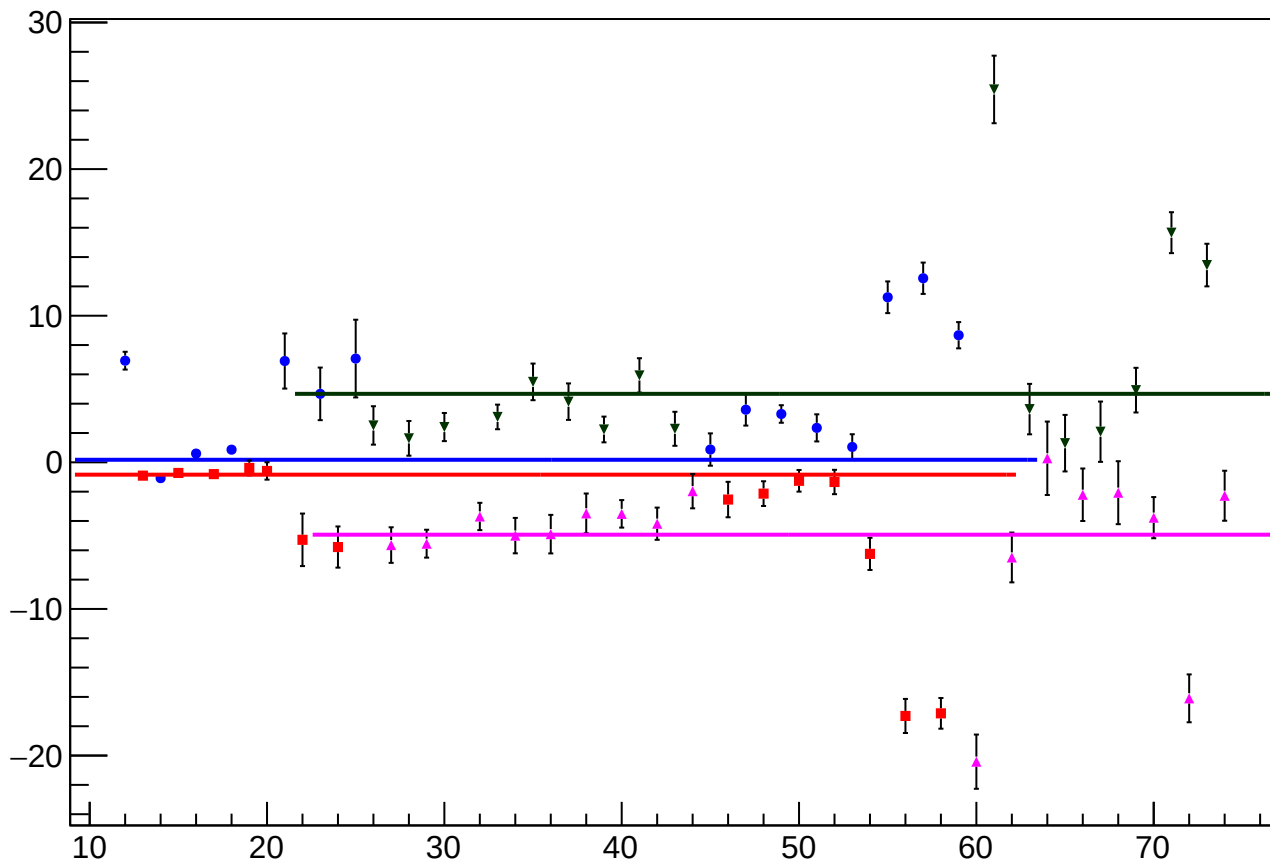
Left Out: -10.649±/0.065 χ^2/NDF : 20458.6/15

Right Out: 12.279±/0.057 χ^2/NDF : 20609.6/13

Left In: 8.612±/0.069 χ^2/NDF : 14192.3/16

-0.290±/0.030 χ^2/NDF : 227179.0/61

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.174 ± 0.043 $\chi^2/\text{NDF}: 909.8/14$

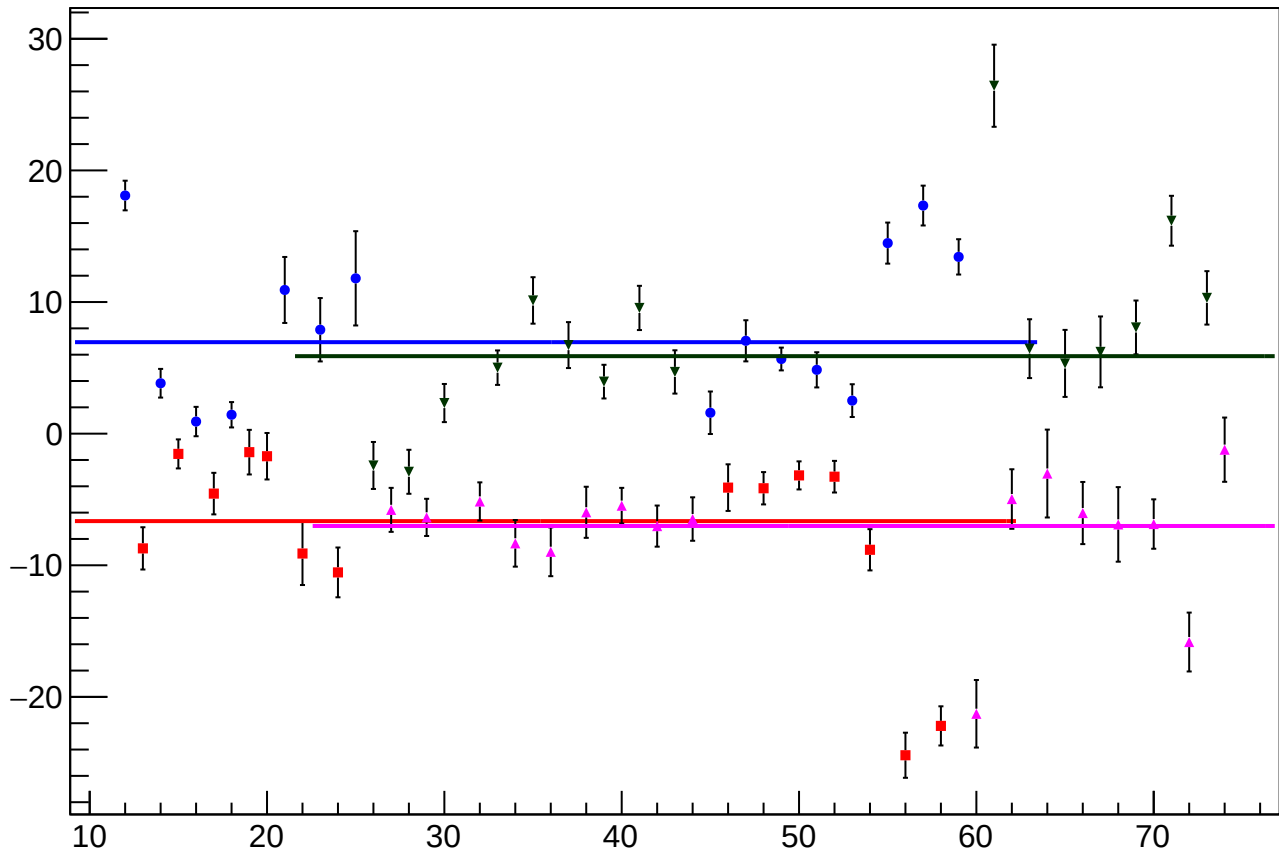
Left Out: 4.672 ± 0.311 $\chi^2/\text{NDF}: 216.8/15$

Right Out: -0.842 ± 0.048 $\chi^2/\text{NDF}: 495.4/13$

Left In: -4.936 ± 0.316 $\chi^2/\text{NDF}: 142.0/16$

-0.283 ± 0.032 $\chi^2/\text{NDF}: 2481.7/61$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.951 ± 0.340 χ^2/NDF : 294.6/14

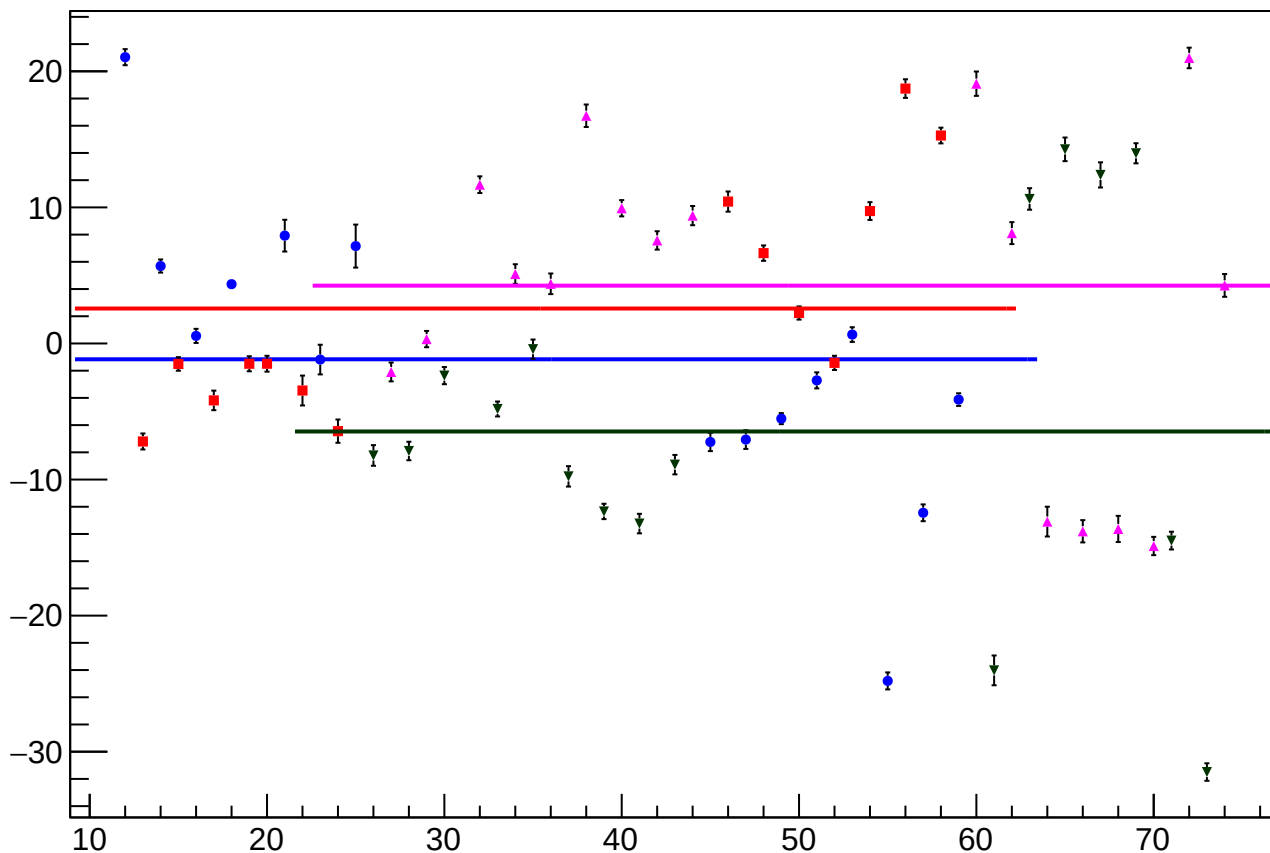
Left Out: 5.888 ± 0.444 χ^2/NDF : 148.2/15

Right Out: -6.644 ± 0.393 χ^2/NDF : 291.2/13

Left In: -7.014 ± 0.451 χ^2/NDF : 60.3/16

0.493 ± 0.199 χ^2/NDF : 1910.8/61

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -1.163+/-0.145 χ^2/NDF : 4057.8/14

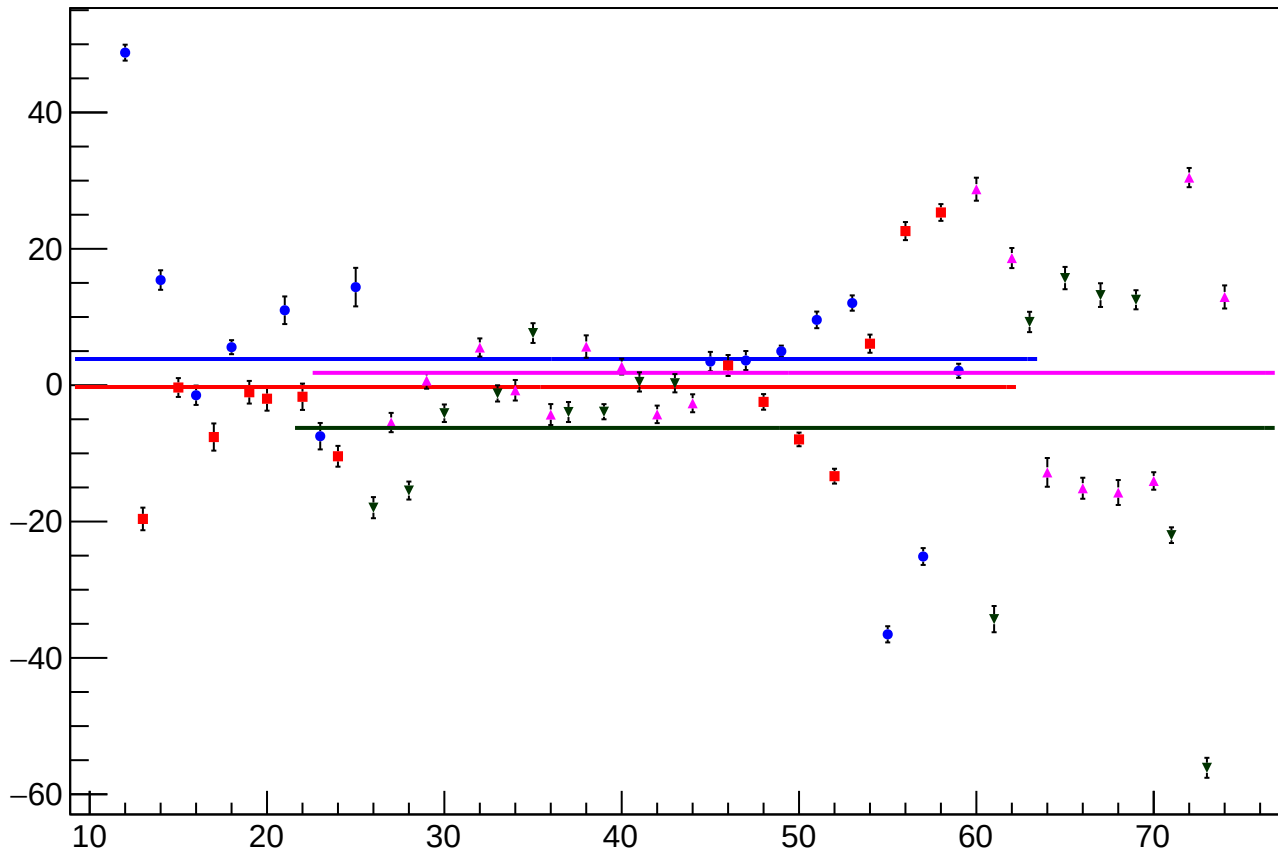
Left Out: -6.469+/-0.177 χ^2/NDF : 4499.1/15

Right Out: 2.568+/-0.163 χ^2/NDF : 2061.7/13

Left In: 4.249+/-0.179 χ^2/NDF : 3353.6/16

-0.223+/-0.082 χ^2/NDF : 16183.2/61

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 3.840 ± 0.324 $\chi^2/\text{NDF}: 3406.2/14$

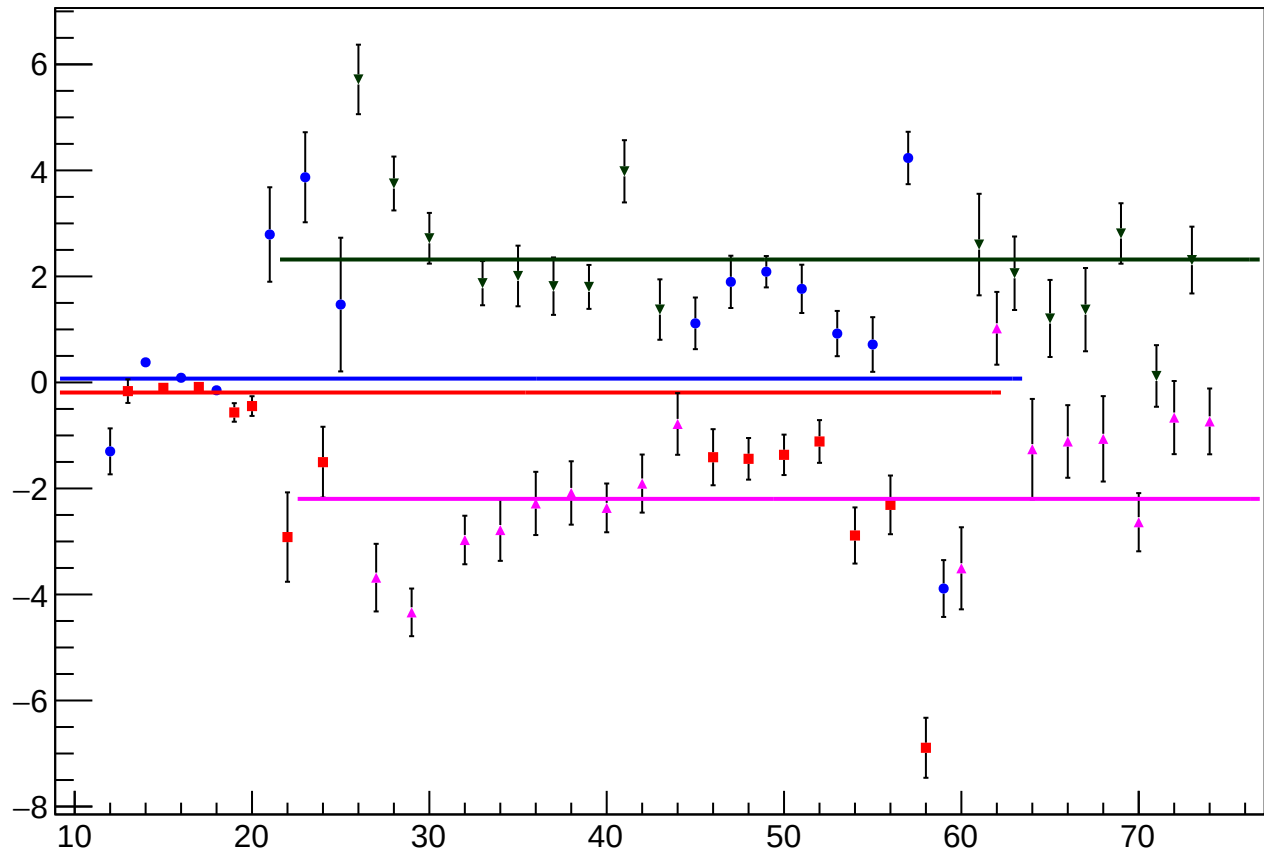
Left Out: -6.268 ± 0.348 $\chi^2/\text{NDF}: 2423.4/15$

Right Out: -0.268 ± 0.369 $\chi^2/\text{NDF}: 1161.0/13$

Left In: 1.811 ± 0.351 $\chi^2/\text{NDF}: 1348.7/16$

-0.075 ± 0.173 $\chi^2/\text{NDF}: 8831.6/61$

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.072 ± 0.026 χ^2/NDF : 304.9/14

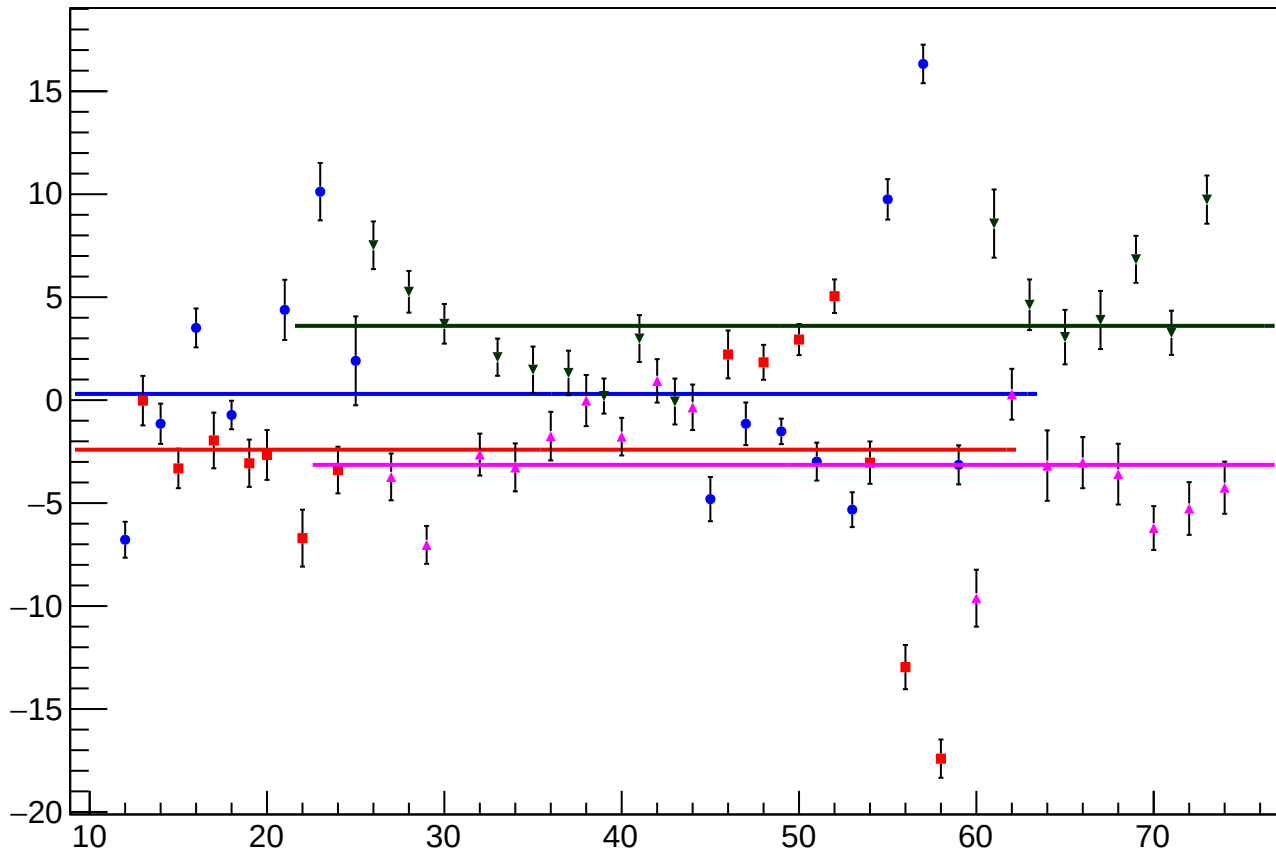
Left Out: 2.319 ± 0.142 χ^2/NDF : 69.2/15

Right Out: -0.190 ± 0.030 χ^2/NDF : 240.1/13

Left In: -2.197 ± 0.144 χ^2/NDF : 79.8/16

-0.033 ± 0.019 χ^2/NDF : 1239.0/61

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.301 ± 0.242 χ^2/NDF : 629.1/14

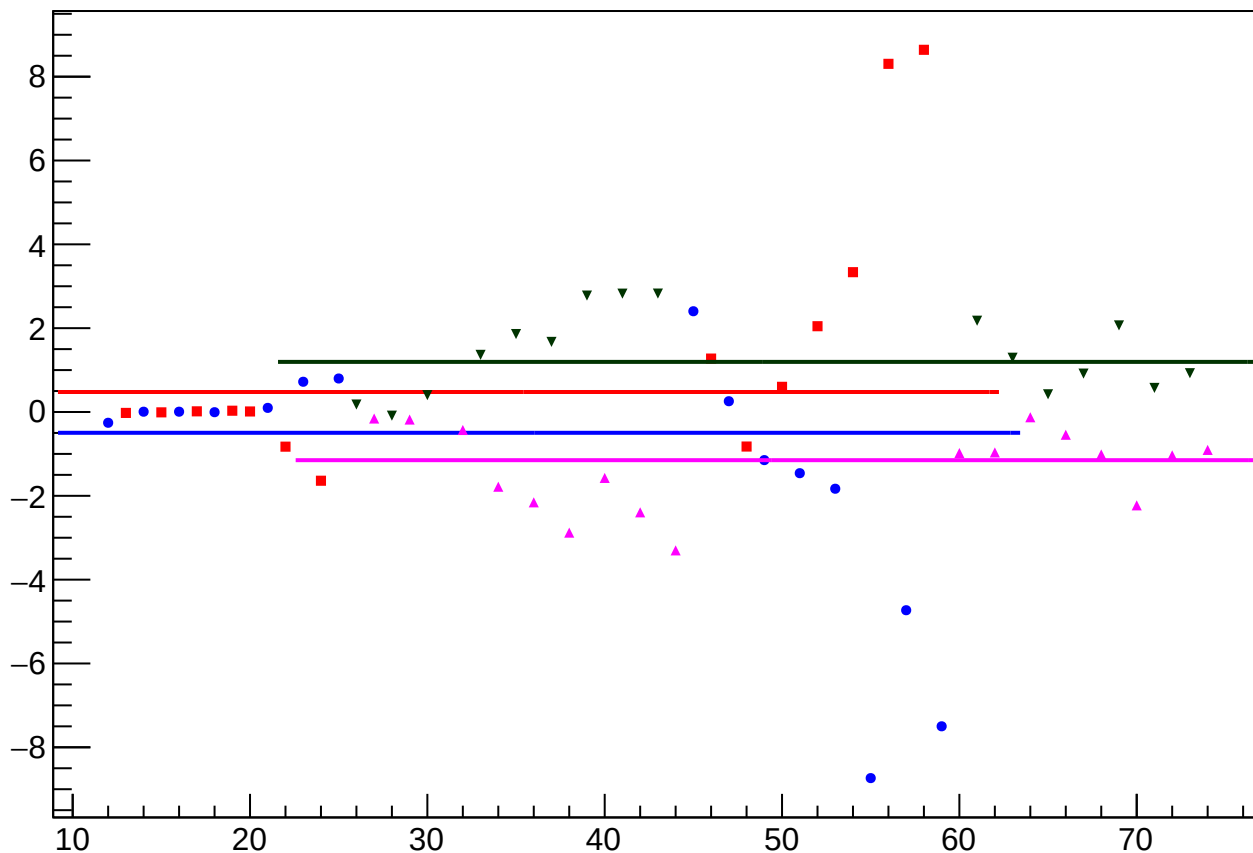
Left Out: 3.607 ± 0.276 χ^2/NDF : 97.7/15

-0.352 ± 0.133 χ^2/NDF : 1734.3/61

Right Out: -2.406 ± 0.273 χ^2/NDF : 548.4/13

Left In: -3.143 ± 0.281 χ^2/NDF : 91.2/16

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.496 ± 0.007 $\chi^2/\text{NDF}: 52170.3/14$

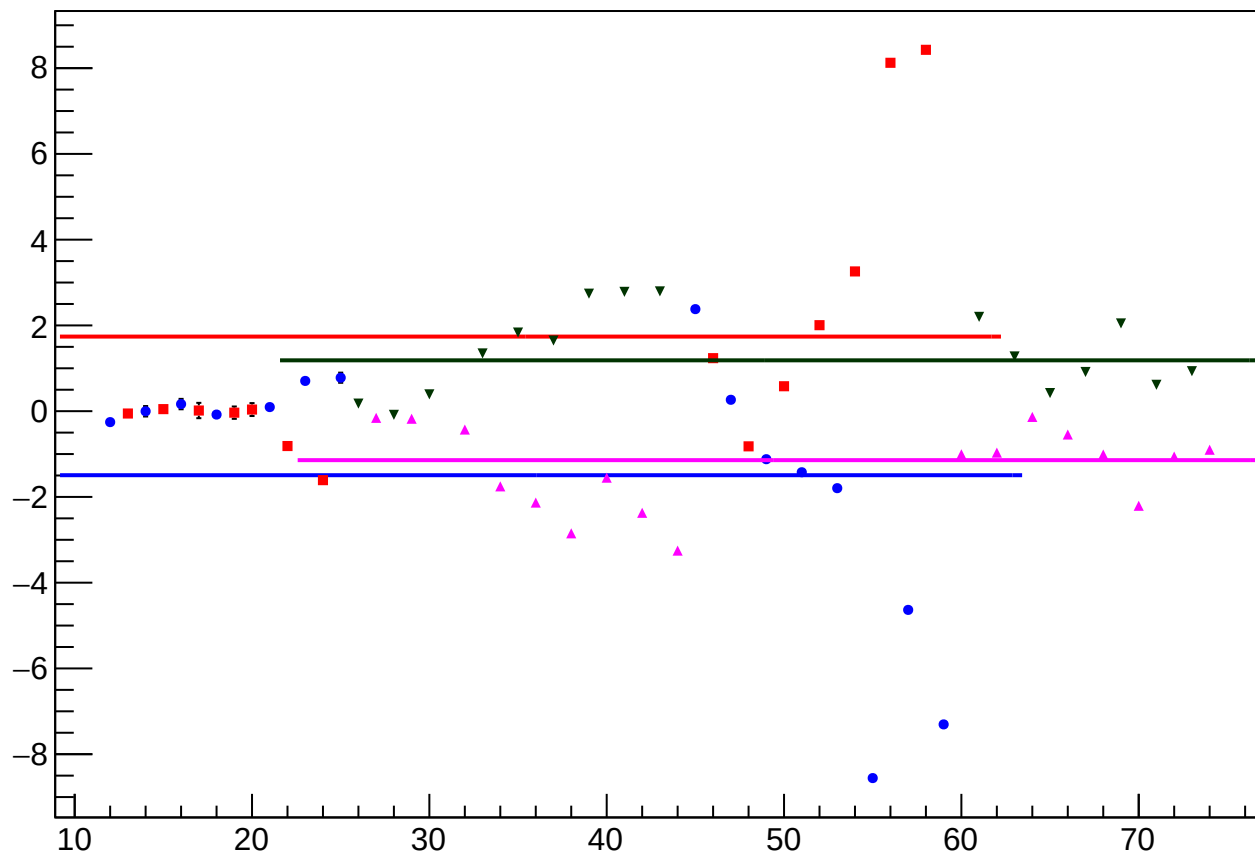
Left Out: 1.196 ± 0.009 $\chi^2/\text{NDF}: 9658.7/15$

Right Out: 0.477 ± 0.008 $\chi^2/\text{NDF}: 55267.3/13$

Left In: -1.150 ± 0.009 $\chi^2/\text{NDF}: 8983.3/16$

-0.020 ± 0.004 $\chi^2/\text{NDF}: 165672.6/61$

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.493 ± 0.013 $\chi^2/\text{NDF}: 41909.2/14$

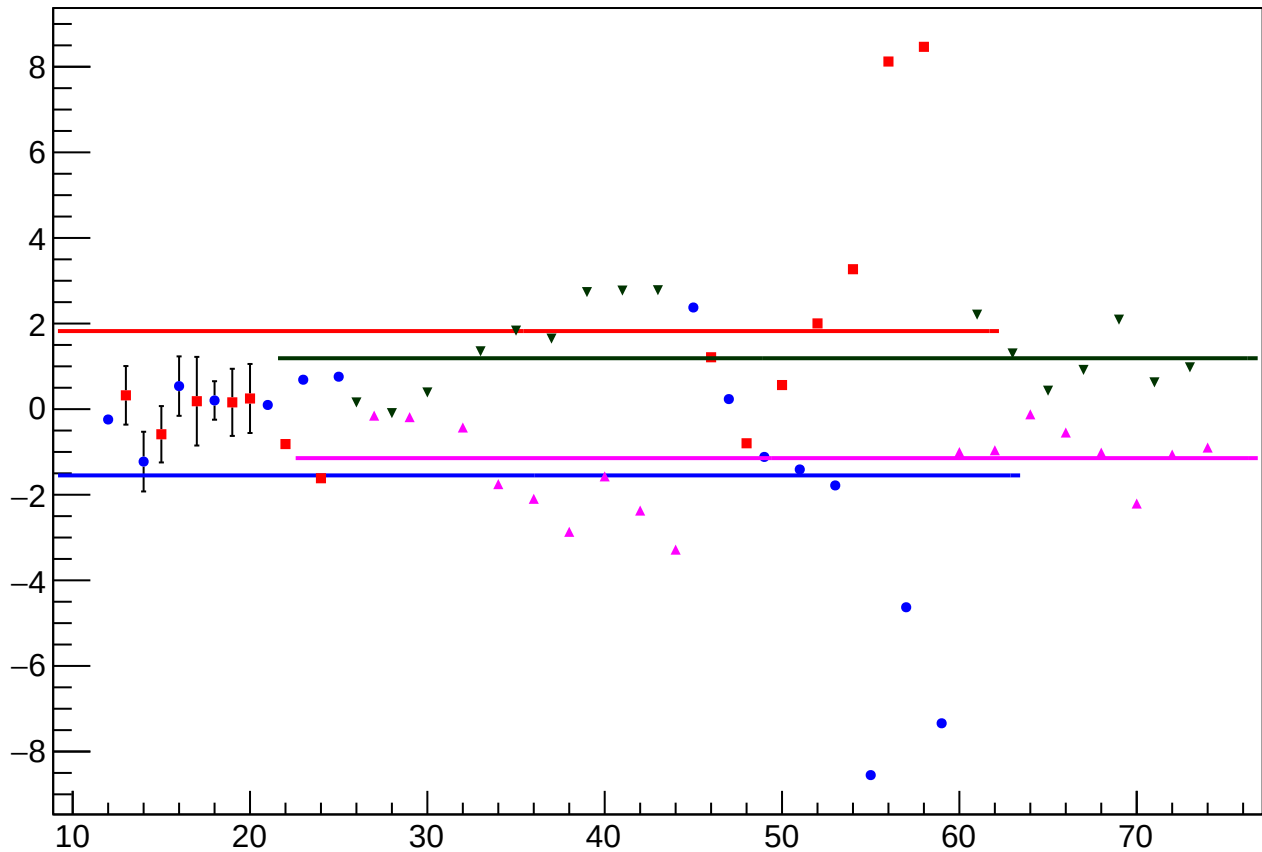
Left Out: 1.186 ± 0.009 $\chi^2/\text{NDF}: 9666.8/15$

Right Out: 1.740 ± 0.015 $\chi^2/\text{NDF}: 44168.6/13$

Left In: -1.142 ± 0.009 $\chi^2/\text{NDF}: 8965.6/16$

-0.035 ± 0.005 $\chi^2/\text{NDF}: 164368.1/61$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.548 ± 0.013 χ^2/NDF : 41502.4/14

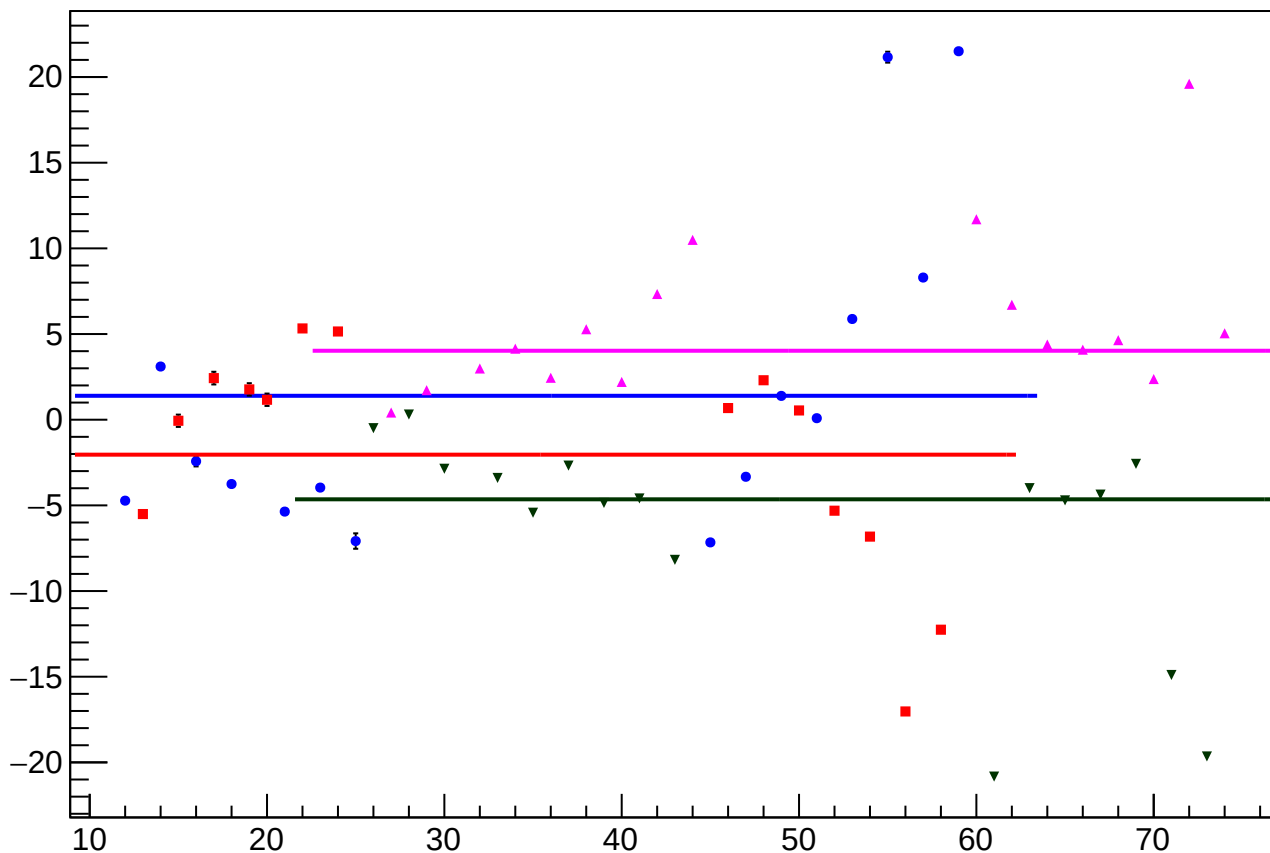
Left Out: 1.190 ± 0.009 χ^2/NDF : 9859.1/15

-0.037 ± 0.005 χ^2/NDF : 166181.0/61

Right Out: 1.824 ± 0.015 χ^2/NDF : 43727.2/13

Left In: -1.145 ± 0.009 χ^2/NDF : 9247.1/16

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 1.396+/-0.052 χ^2/NDF : 19925.8/14

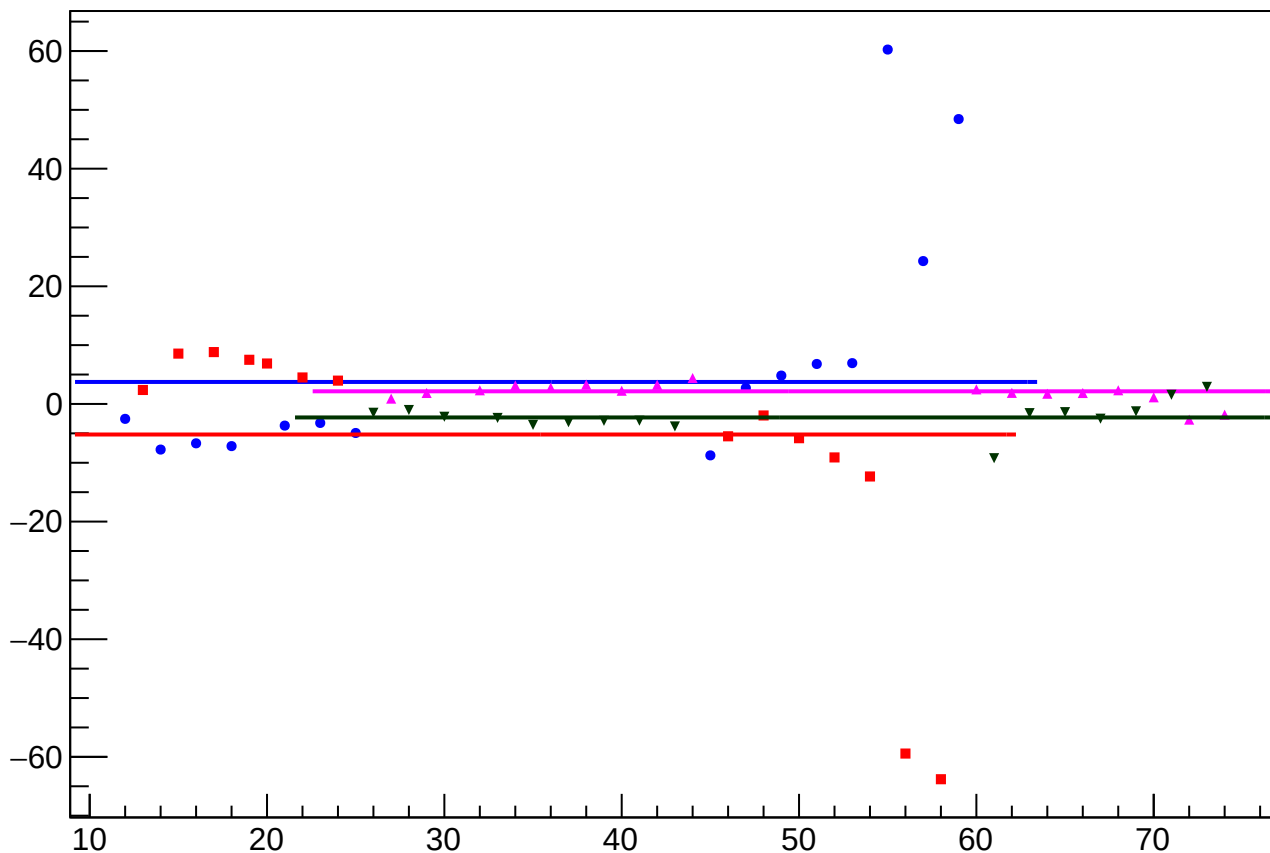
Left Out: -4.646+/-0.040 χ^2/NDF : 12856.7/15

Right Out: -2.041+/-0.060 χ^2/NDF : 9010.3/13

Left In: 4.025+/-0.036 χ^2/NDF : 8375.5/16

0.115+/-0.022 χ^2/NDF : 77903.8/61

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 3.740 ± 0.041 χ^2/NDF : 96835.6/14

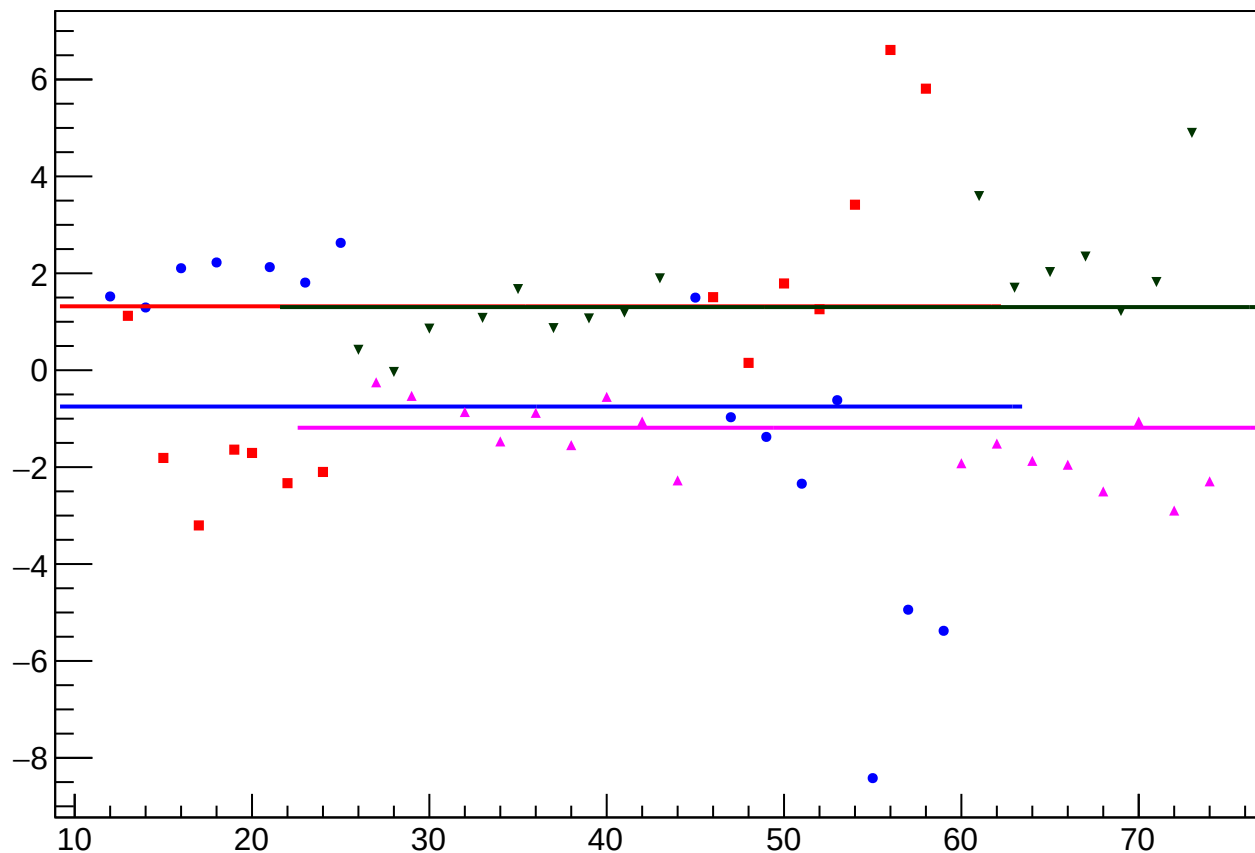
Left Out: -2.295 ± 0.034 χ^2/NDF : 1549.5/15

Right Out: -5.195 ± 0.045 χ^2/NDF : 103305.0/13

Left In: 2.148 ± 0.029 χ^2/NDF : 1154.3/16

0.065 ± 0.018 χ^2/NDF : 234239.0/61

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.750 ± 0.010 $\chi^2/\text{NDF}: 72657.0/14$

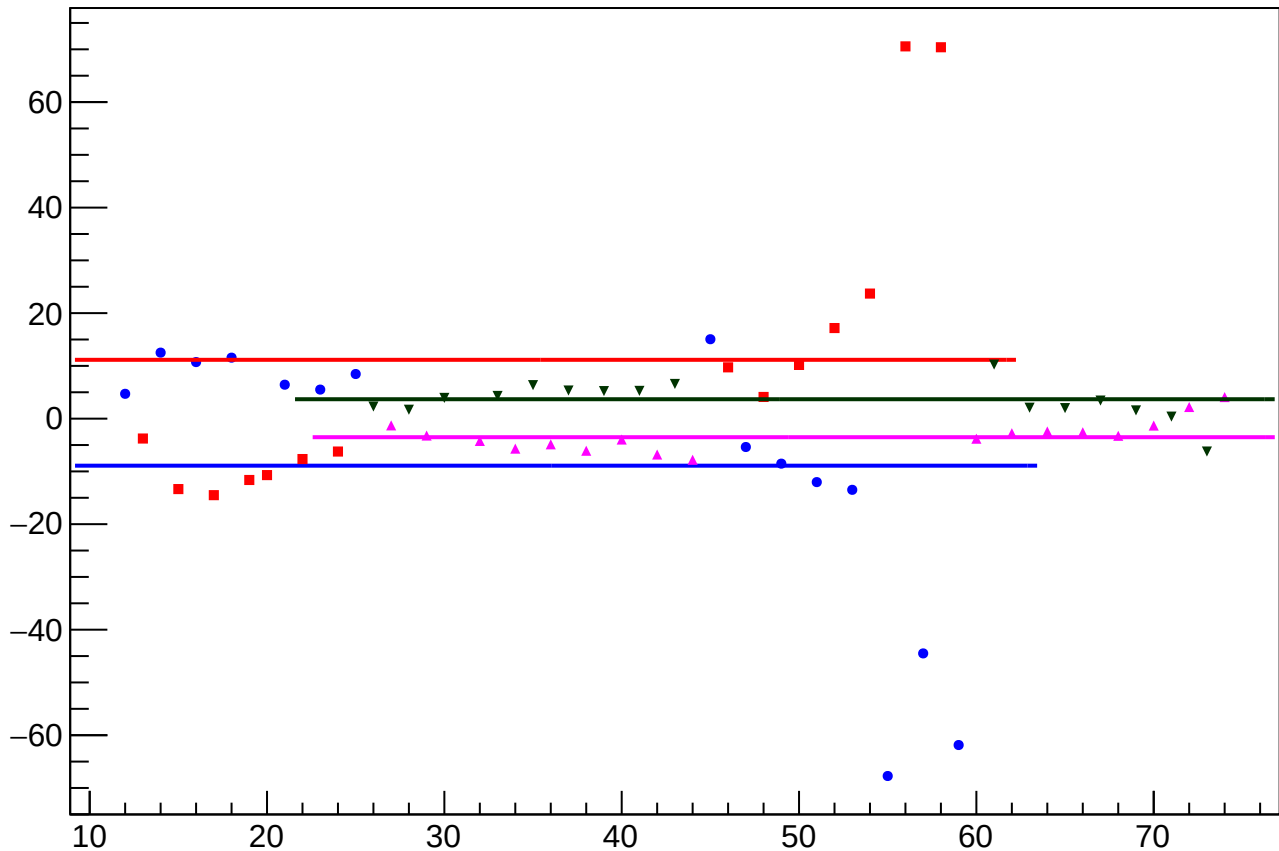
Left Out: 1.303 ± 0.007 $\chi^2/\text{NDF}: 15439.3/15$

Right Out: 1.319 ± 0.011 $\chi^2/\text{NDF}: 49385.0/13$

Left In: -1.187 ± 0.006 $\chi^2/\text{NDF}: 11514.9/16$

-0.006 ± 0.004 $\chi^2/\text{NDF}: 245722.3/61$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -8.913 ± 0.064 $\chi^2/\text{NDF}: 119535.9/14$

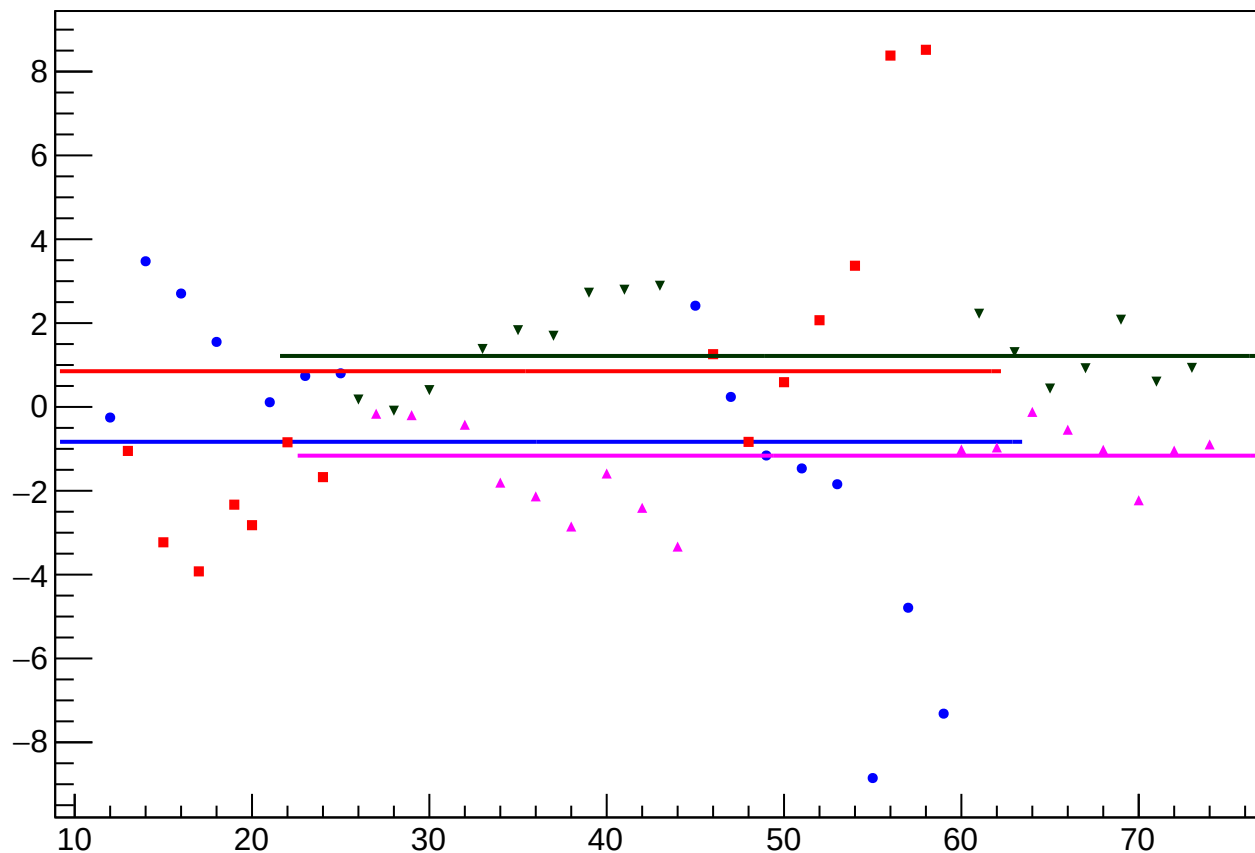
Left Out: 3.681 ± 0.053 $\chi^2/\text{NDF}: 2227.3/15$

-0.234 ± 0.028 $\chi^2/\text{NDF}: 283929.3/61$

Right Out: 11.150 ± 0.071 $\chi^2/\text{NDF}: 105952.3/13$

Left In: -3.516 ± 0.047 $\chi^2/\text{NDF}: 1934.6/16$

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.832 ± 0.012 $\chi^2/\text{NDF}: 59372.3/14$

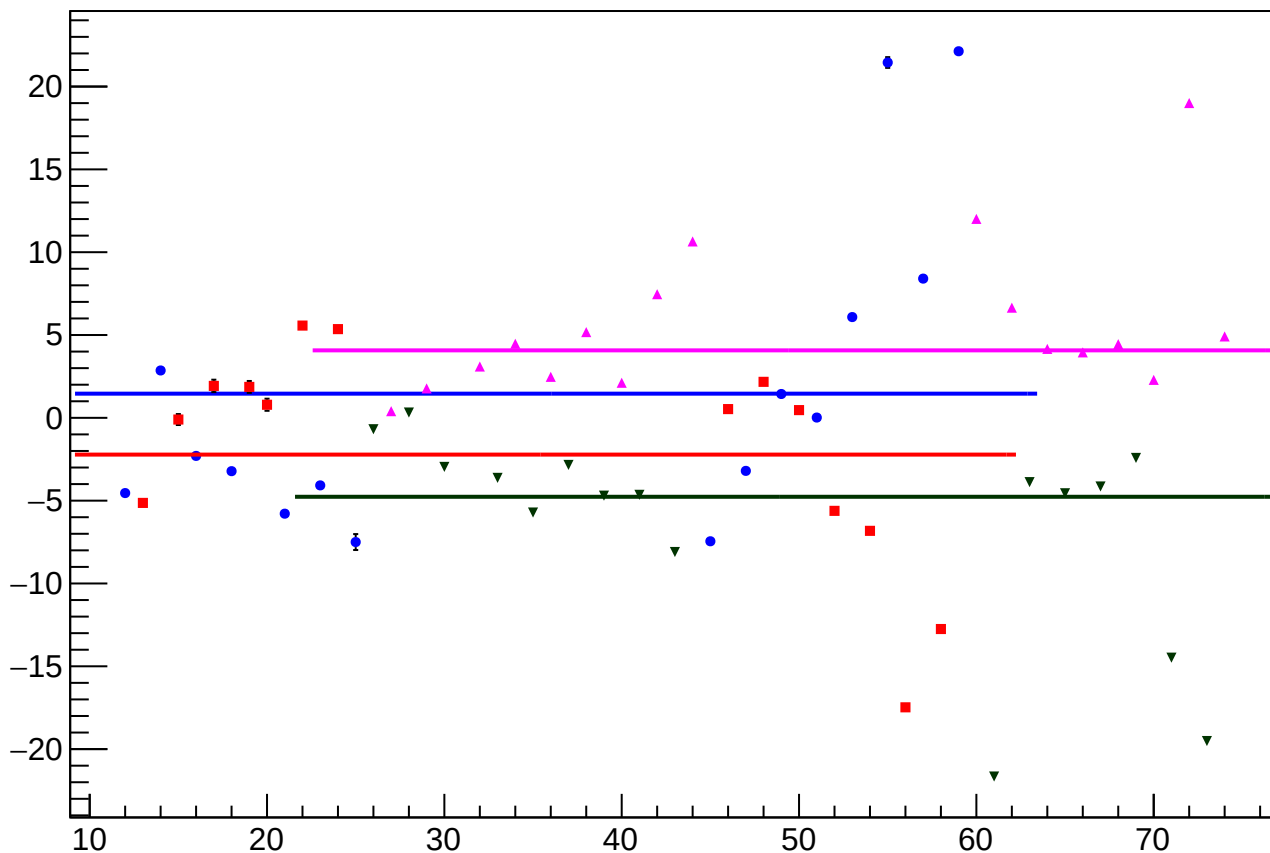
Left Out: 1.216 ± 0.009 $\chi^2/\text{NDF}: 9778.7/15$

Right Out: 0.852 ± 0.013 $\chi^2/\text{NDF}: 61989.1/13$

Left In: -1.162 ± 0.009 $\chi^2/\text{NDF}: 9312.1/16$

-0.029 ± 0.005 $\chi^2/\text{NDF}: 182420.7/61$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 1.459 ± 0.054 χ^2/NDF : 19451.6/14

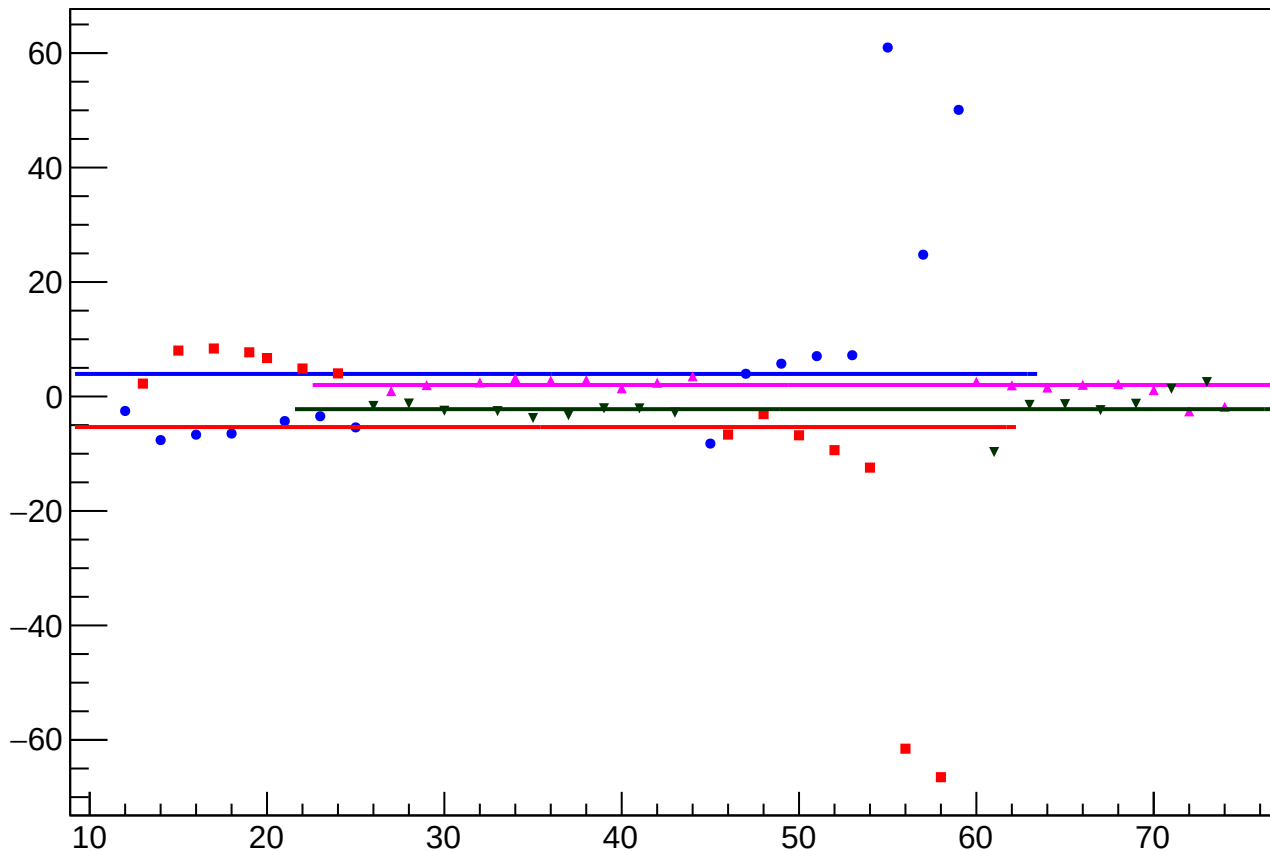
Left Out: -4.766 ± 0.042 χ^2/NDF : 12342.6/15

Right Out: -2.219 ± 0.061 χ^2/NDF : 8559.7/13

Left In: 4.074 ± 0.037 χ^2/NDF : 7892.1/16

0.080 ± 0.023 χ^2/NDF : 75391.2/61

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 3.942 ± 0.042 $\chi^2/\text{NDF}: 96563.7/14$

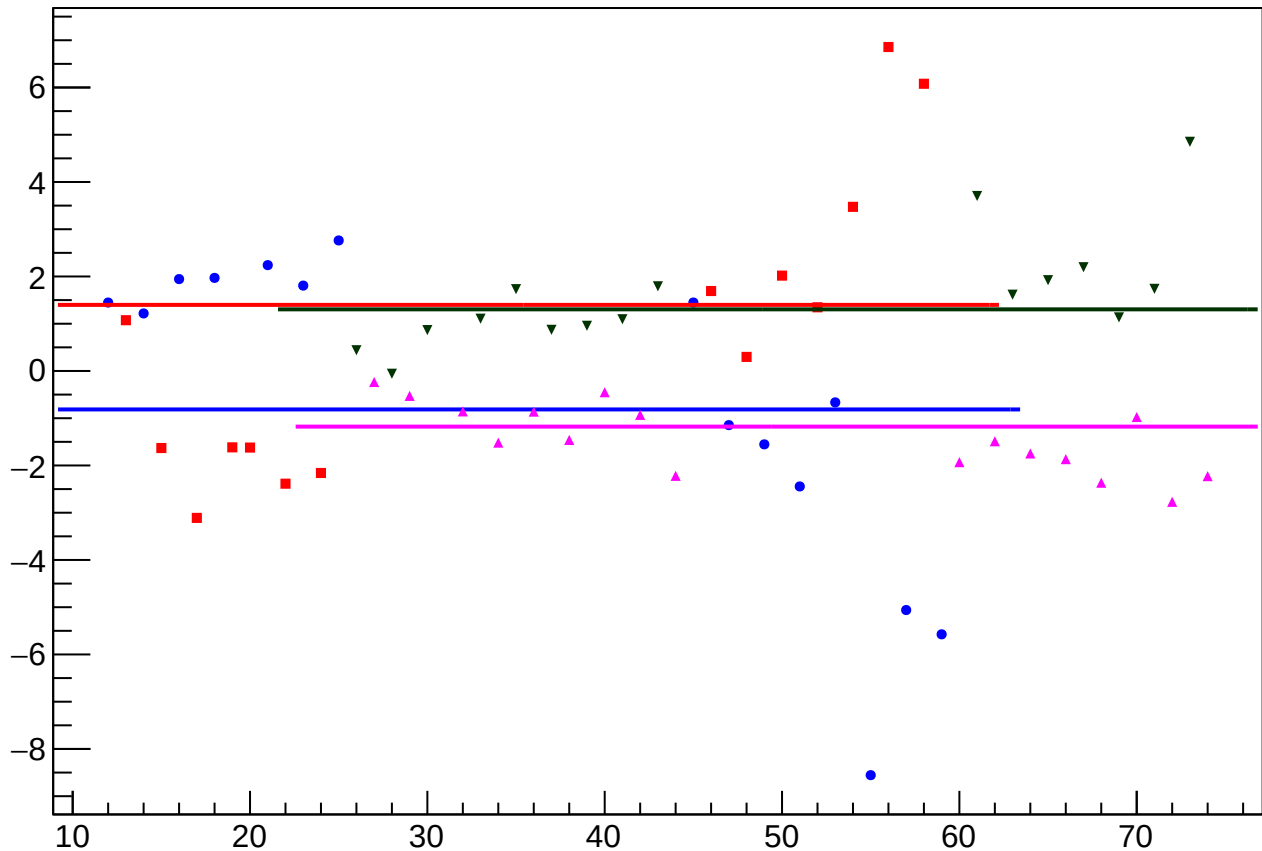
Left Out: -2.213 ± 0.036 $\chi^2/\text{NDF}: 1337.9/15$

0.050 ± 0.019 $\chi^2/\text{NDF}: 231560.0/61$

Right Out: -5.339 ± 0.046 $\chi^2/\text{NDF}: 102602.9/13$

Left In: 2.011 ± 0.031 $\chi^2/\text{NDF}: 915.3/16$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -0.814 ± 0.010 $\chi^2/\text{NDF}: 71917.1/14$

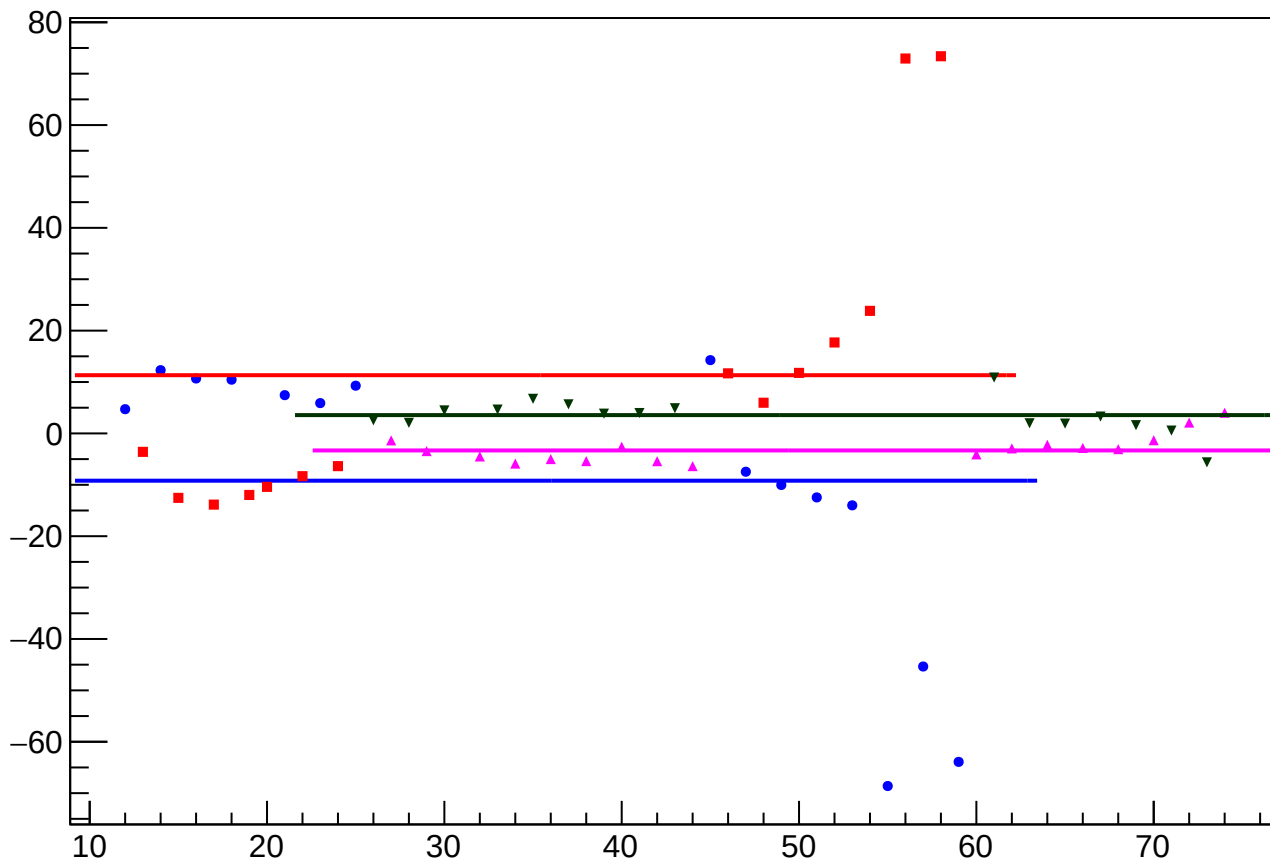
Left Out: 1.304 ± 0.007 $\chi^2/\text{NDF}: 14097.5/15$

Right Out: 1.399 ± 0.011 $\chi^2/\text{NDF}: 48613.7/13$

Left In: -1.178 ± 0.006 $\chi^2/\text{NDF}: 10353.7/16$

-0.002 ± 0.004 $\chi^2/\text{NDF}: 237773.1/61$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -9.201+/-0.066 χ^2/NDF : 119133.6/14

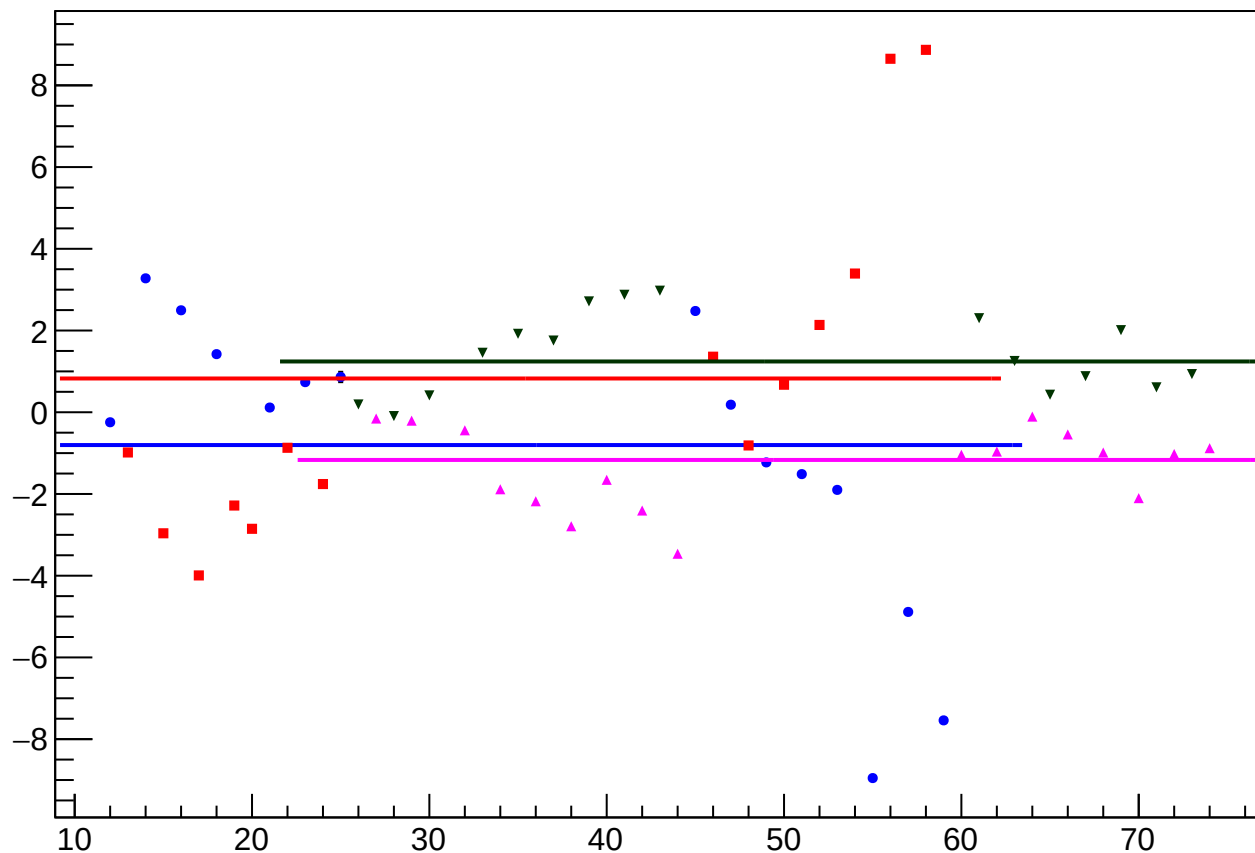
Left Out: 3.564+/-0.056 χ^2/NDF : 1934.5/15

-0.217+/-0.029 χ^2/NDF : 280515.1/61

Right Out: 11.325+/-0.073 χ^2/NDF : 105482.6/13

Left In: -3.314+/-0.049 χ^2/NDF : 1541.5/16

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.803 ± 0.012 $\chi^2/\text{NDF}: 58745.2/14$

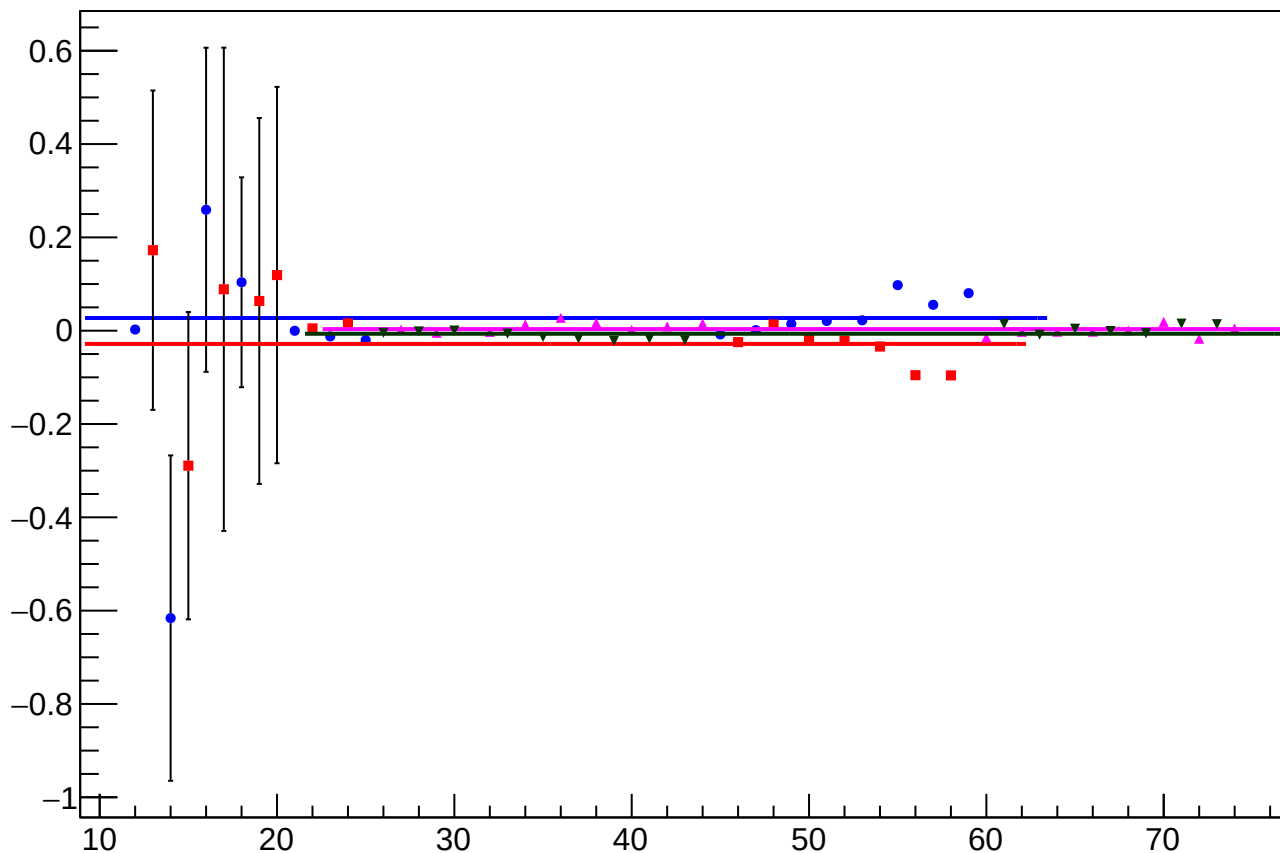
Left Out: 1.243 ± 0.010 $\chi^2/\text{NDF}: 9034.4/15$

Right Out: 0.826 ± 0.014 $\chi^2/\text{NDF}: 61261.3/13$

Left In: -1.167 ± 0.010 $\chi^2/\text{NDF}: 8777.2/16$

-0.029 ± 0.005 $\chi^2/\text{NDF}: 177016.1/61$

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.027 ± 0.001 χ^2/NDF : 764.9/14

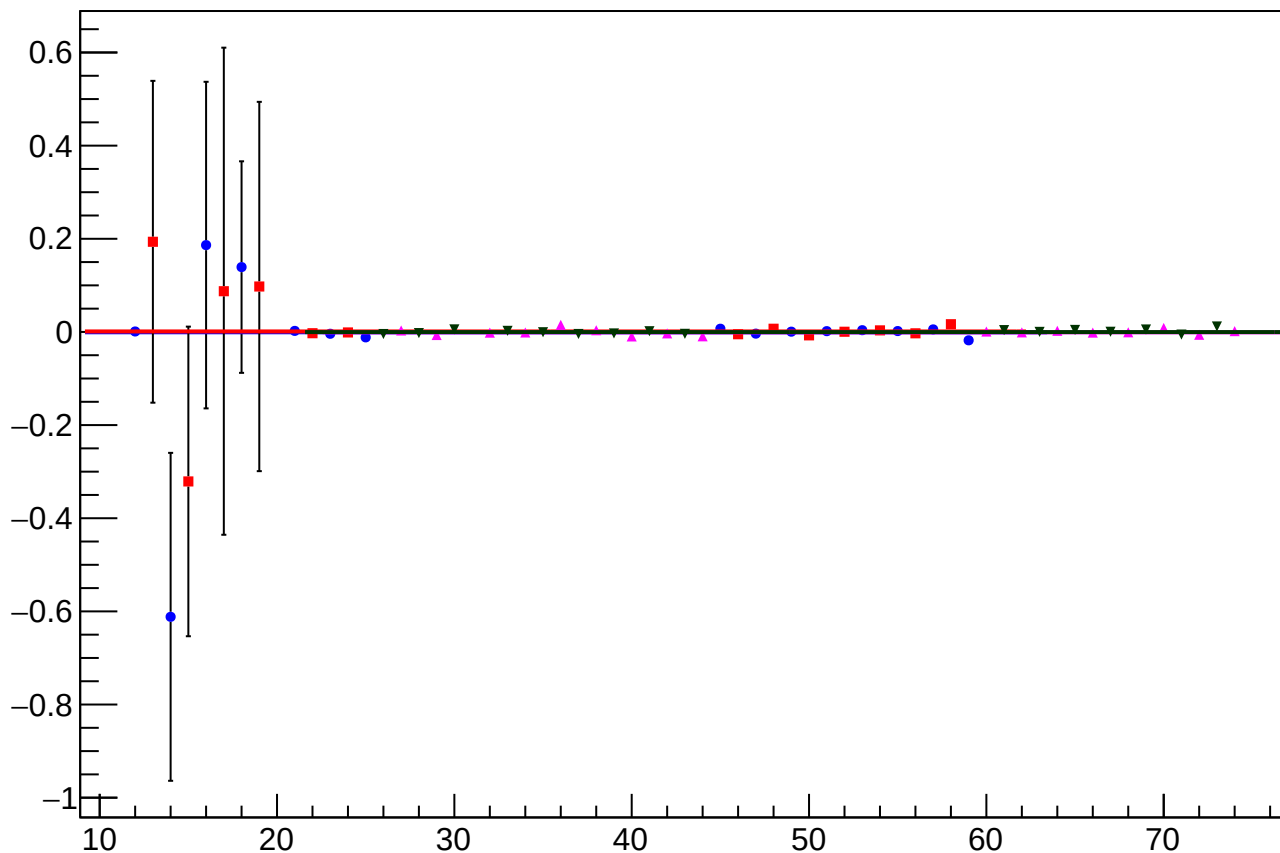
Left Out: -0.007 ± 0.001 χ^2/NDF : 83.2/15

Right Out: -0.028 ± 0.001 χ^2/NDF : 705.8/13

Left In: 0.003 ± 0.001 χ^2/NDF : 82.4/16

0.001 ± 0.001 χ^2/NDF : 2533.8/61

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001 ± 0.001 χ^2/NDF : 34.6/14

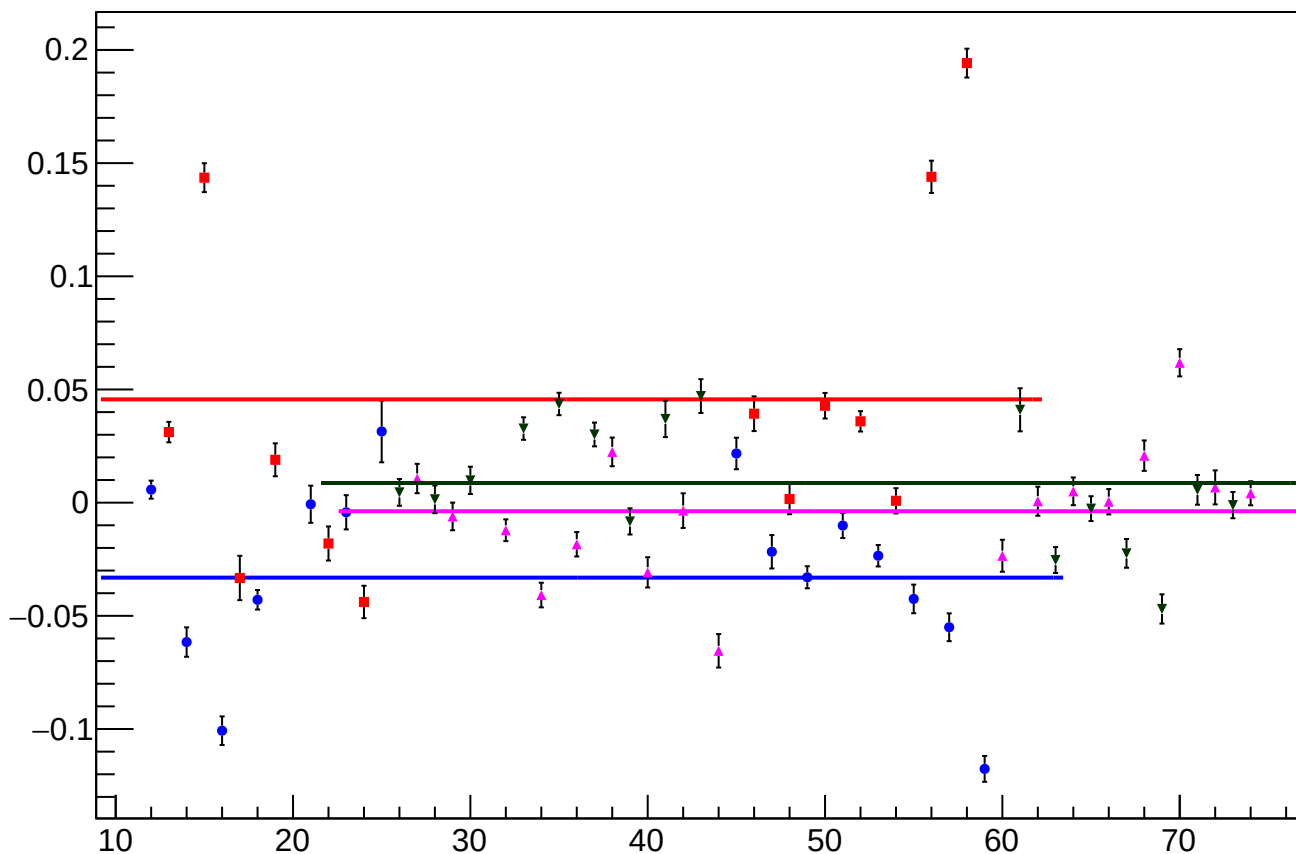
Left Out: -0.000 ± 0.001 χ^2/NDF : 11.0/15

Right Out: 0.001 ± 0.001 χ^2/NDF : 24.5/12

Left In: -0.001 ± 0.001 χ^2/NDF : 27.5/16

-0.000 ± 0.001 χ^2/NDF : 98.8/60

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.033 ± 0.002 χ^2/NDF : 607.5/14

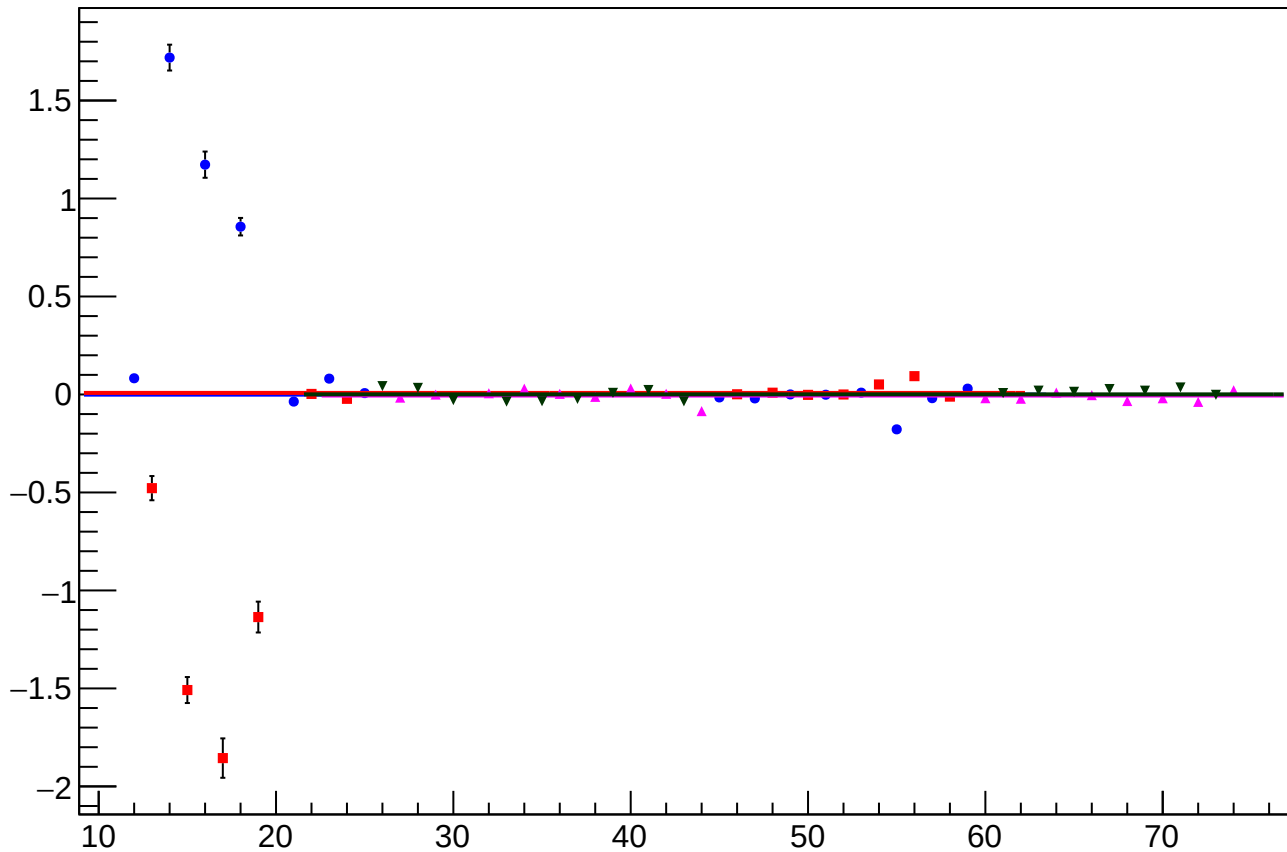
Left Out: 0.009 ± 0.002 χ^2/NDF : 291.4/15

Right Out: 0.046 ± 0.002 χ^2/NDF : 1398.9/12

Left In: -0.004 ± 0.001 χ^2/NDF : 312.1/16

0.002 ± 0.001 χ^2/NDF : 3832.3/60

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001 ± 0.002 χ^2/NDF : 2449.1/14

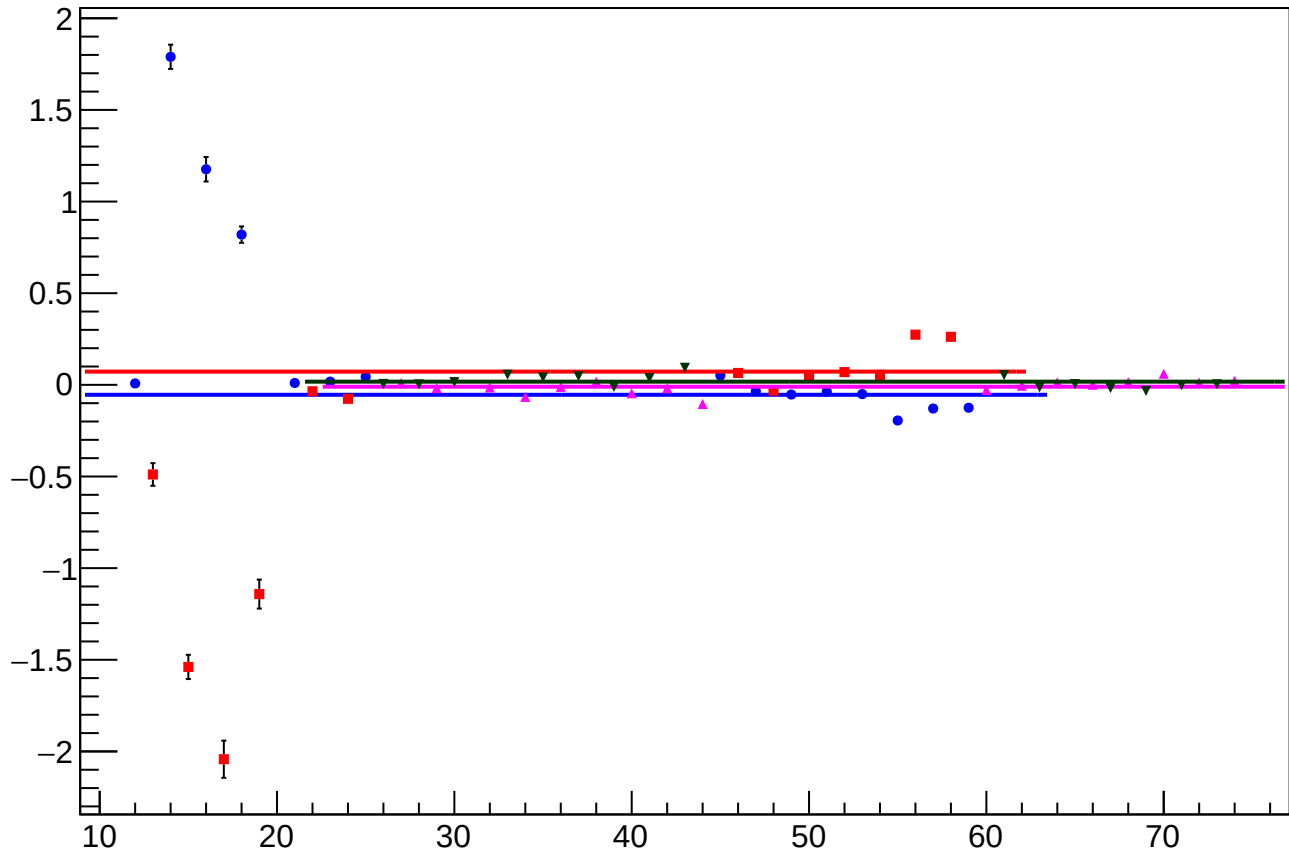
Left Out: 0.001 ± 0.002 χ^2/NDF : 321.6/15

-0.000 ± 0.001 χ^2/NDF : 4520.0/60

Right Out: 0.008 ± 0.002 χ^2/NDF : 1383.9/12

Left In: -0.006 ± 0.002 χ^2/NDF : 335.8/16

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.054 ± 0.002 $\chi^2/\text{NDF}: 2825.2/14$

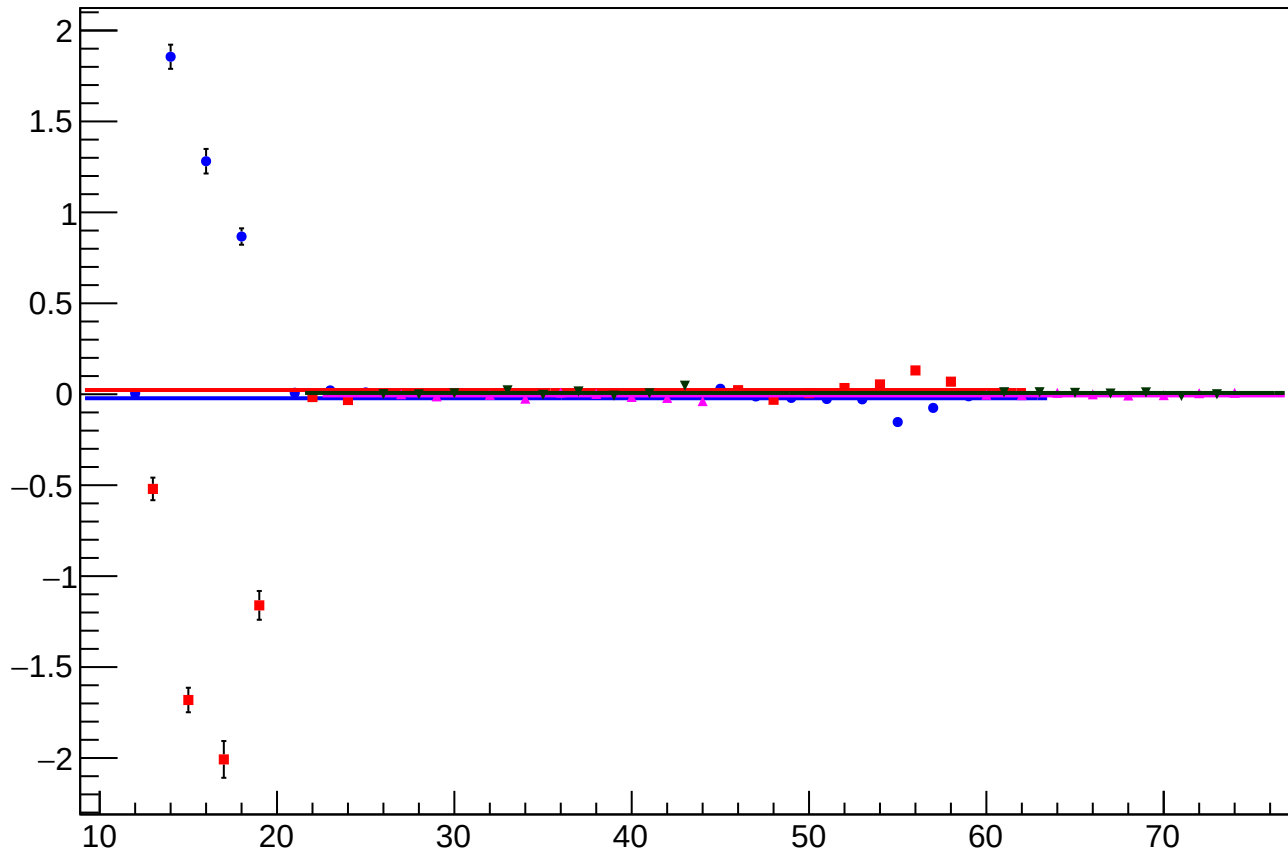
Left Out: 0.017 ± 0.002 $\chi^2/\text{NDF}: 362.2/15$

0.002 ± 0.001 $\chi^2/\text{NDF}: 9766.5/60$

Right Out: 0.072 ± 0.002 $\chi^2/\text{NDF}: 3970.7/12$

Left In: -0.010 ± 0.002 $\chi^2/\text{NDF}: 436.9/16$

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.022 $\pm$ 0.001 χ^2/NDF : 2596.6/14

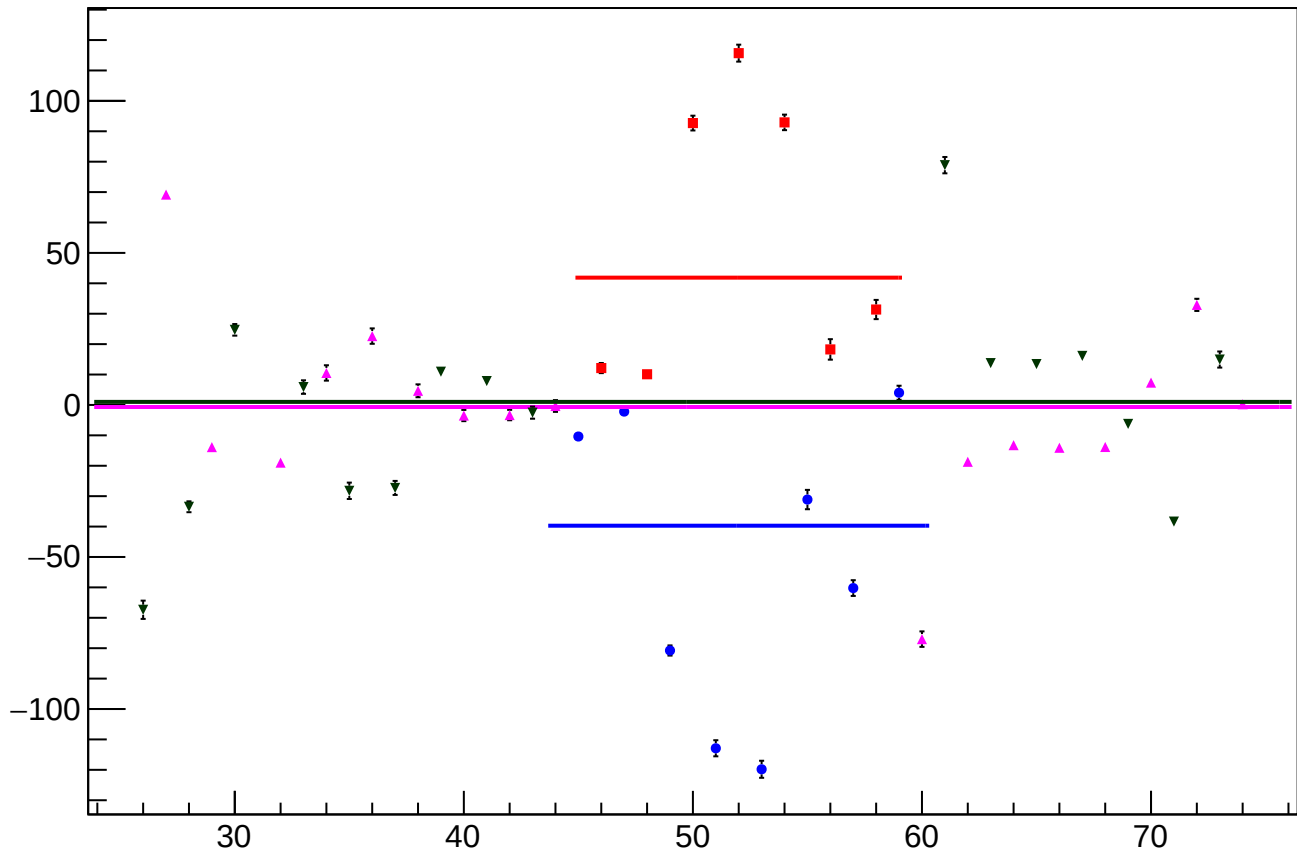
Left Out: 0.007 $\pm$ 0.001 χ^2/NDF : 122.4/15

Right Out: 0.023 $\pm$ 0.002 χ^2/NDF : 2178.9/12

Left In: -0.006 $\pm$ 0.001 χ^2/NDF : 107.7/16

-0.001 $\pm$ 0.001 χ^2/NDF : 5542.7/60

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -39.714 ± 0.718 χ^2/NDF : 3607.8/7

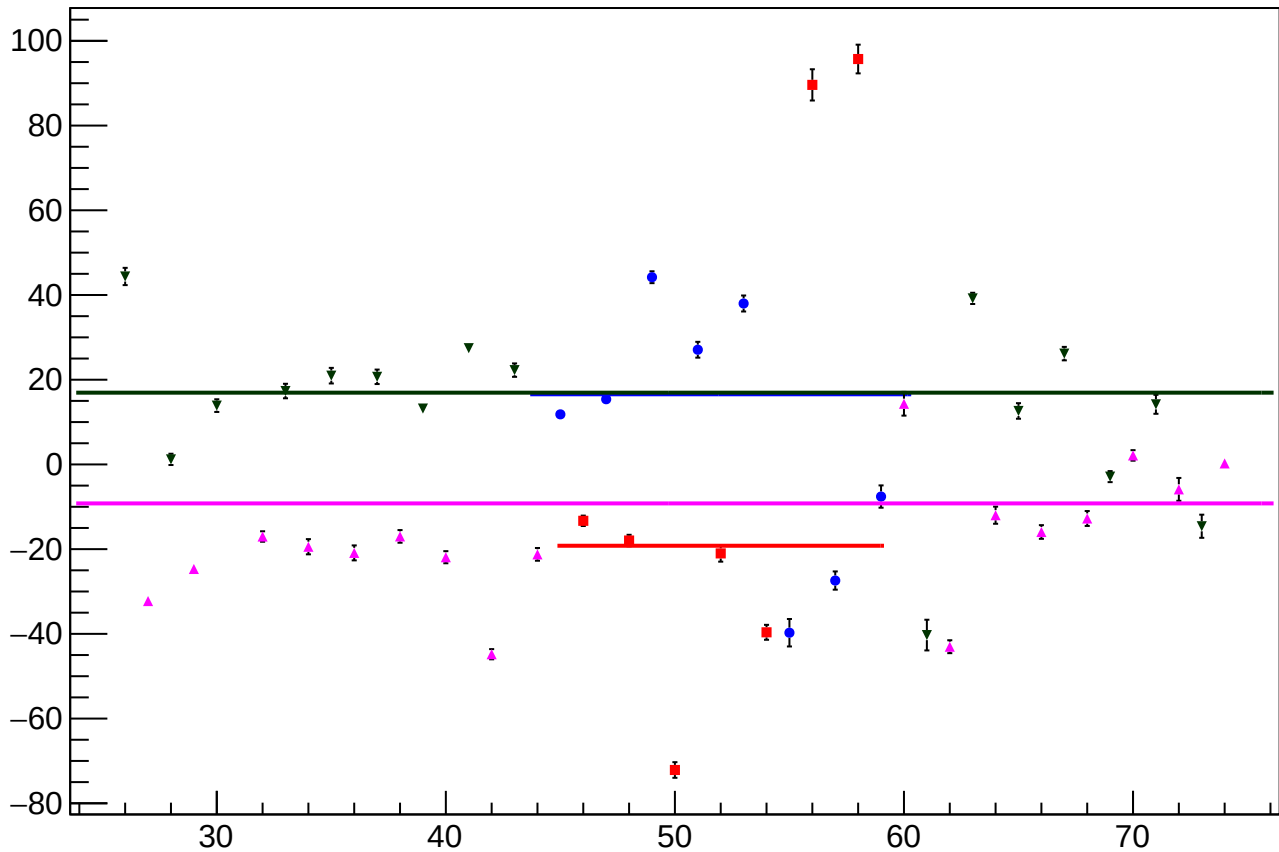
Left Out: 1.006 ± 0.416 χ^2/NDF : 3272.5/15

Right Out: 41.865 ± 0.851 χ^2/NDF : 2301.8/6

Left In: -0.681 ± 0.226 χ^2/NDF : 3849.8/16

-0.933 ± 0.187 χ^2/NDF : 18500.9/47

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 16.561+/-0.570 χ^2/NDF : 1372.3/7

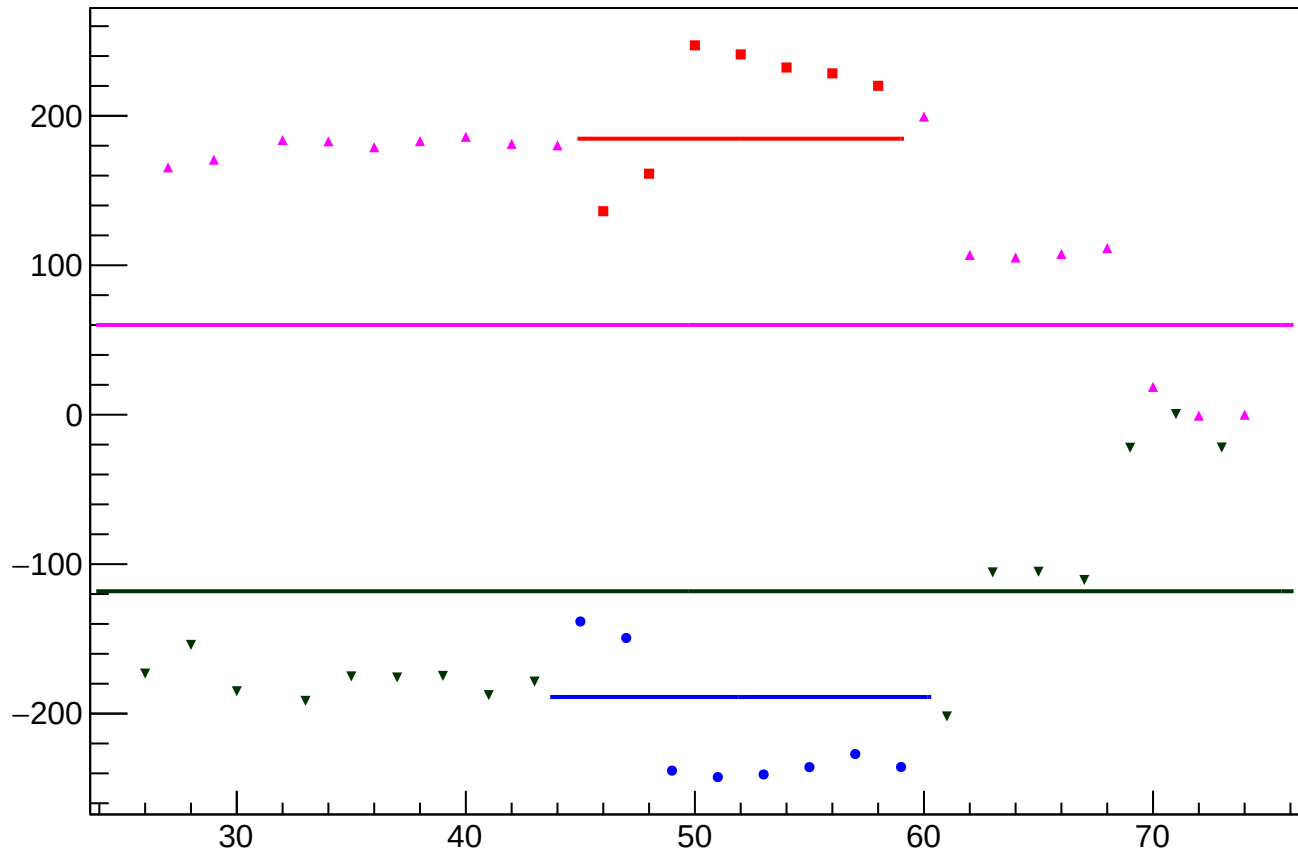
Left Out: 16.943+/-0.398 χ^2/NDF :1370.9/15

Right Out: -19.197+/-0.667 χ^2/NDF : 3001.0/6

Left In: -9.201+/-0.237 χ^2/NDF :3482.0/16

-1.673+/-0.184 χ^2/NDF : 14140.1/47

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -188.878+/-0.125 χ^2/NDF : 139647.1/7

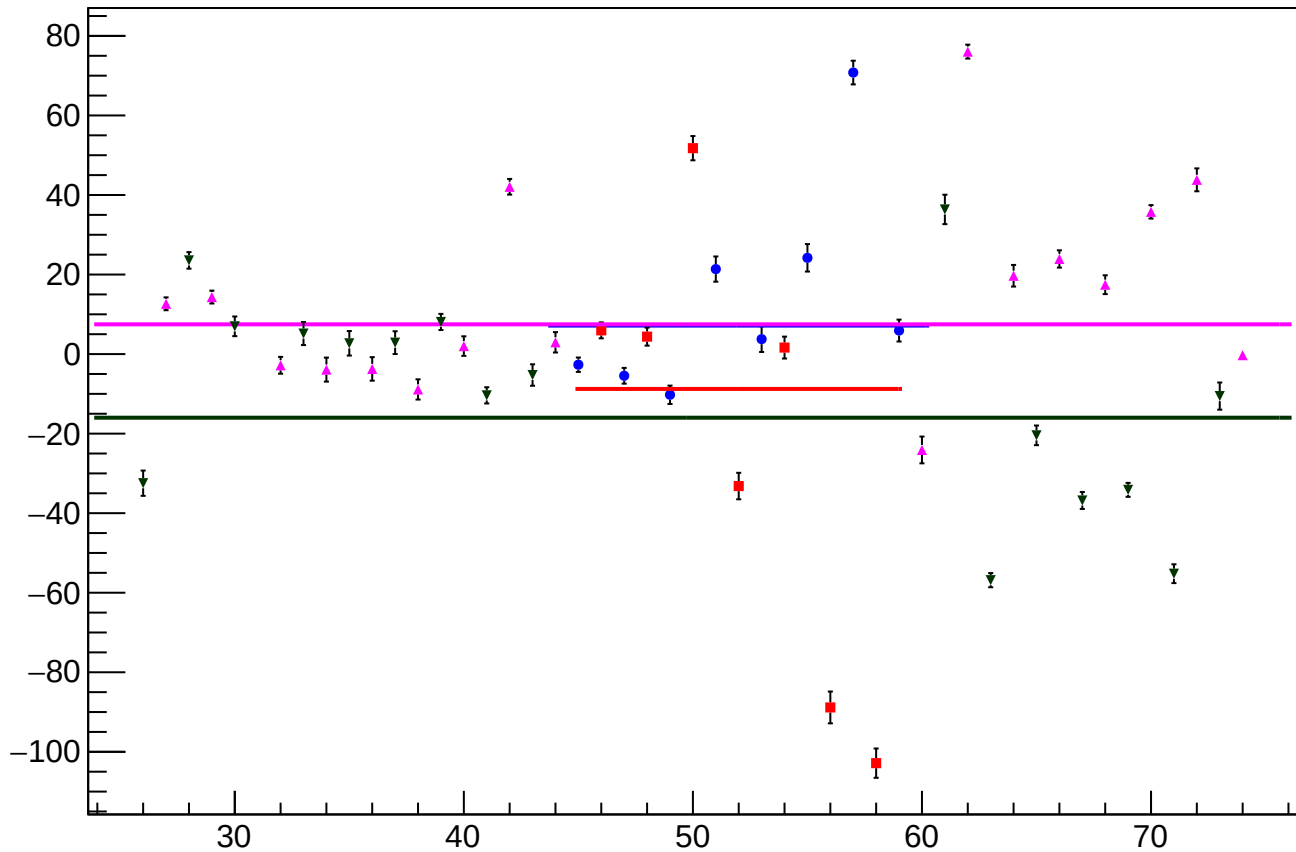
Left Out: -118.123+/-0.072 χ^2/NDF : 772089.3/15

Right Out: 184.707+/-0.143 χ^2/NDF : 98601.6/6

Left In: 60.064+/-0.047 χ^2/NDF : 2551333.0/16

1.812+/-0.036 χ^2/NDF : 11854398.6/47

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 7.172 ± 0.886 χ^2/NDF : 628.9/7

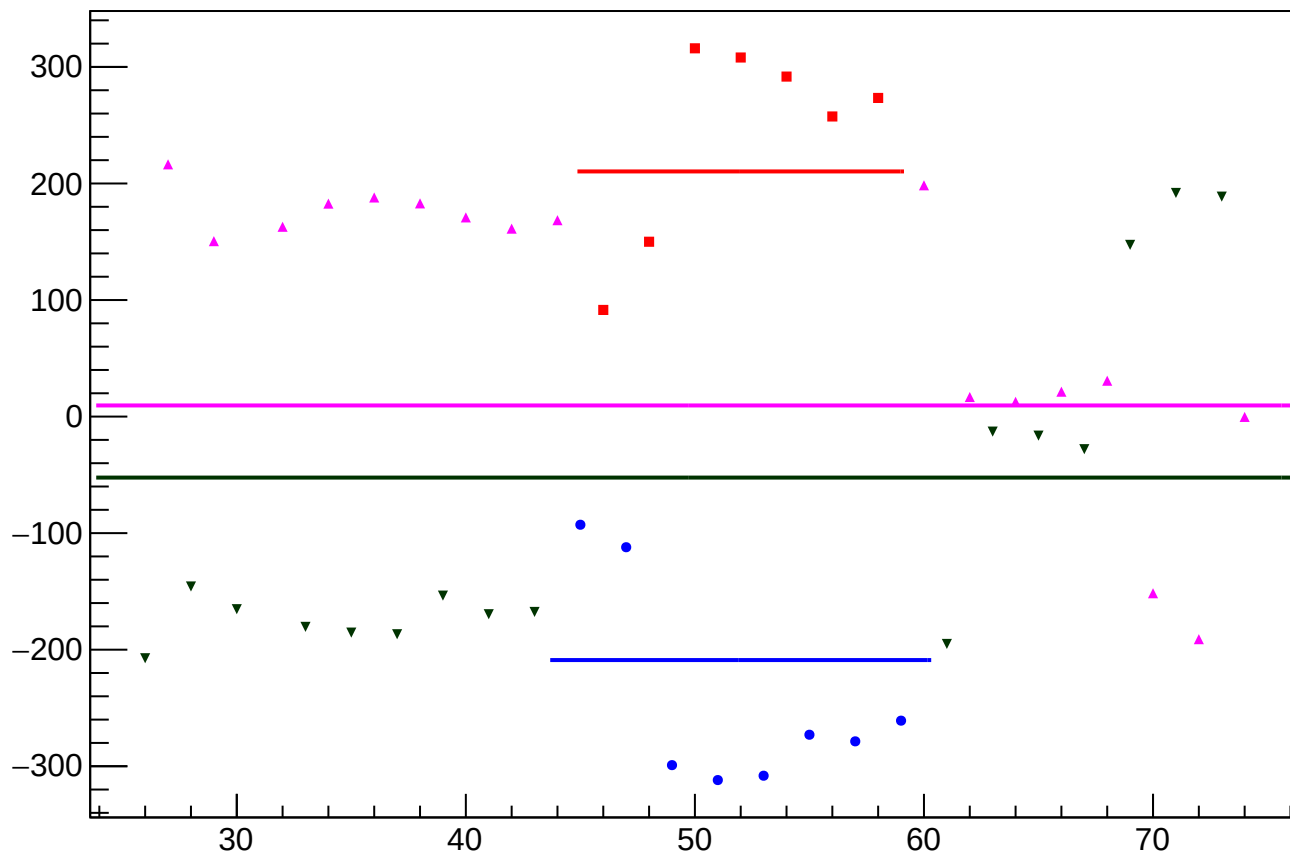
Left Out: -15.994 ± 0.595 χ^2/NDF : 1981.5/15

1.750 ± 0.265 χ^2/NDF : 8492.8/47

Right Out: -8.762 ± 1.048 χ^2/NDF : 1603.5/6

Left In: 7.482 ± 0.330 χ^2/NDF : 2949.7/16

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -208.906+/-0.172 χ^2/NDF : 297118.0/7

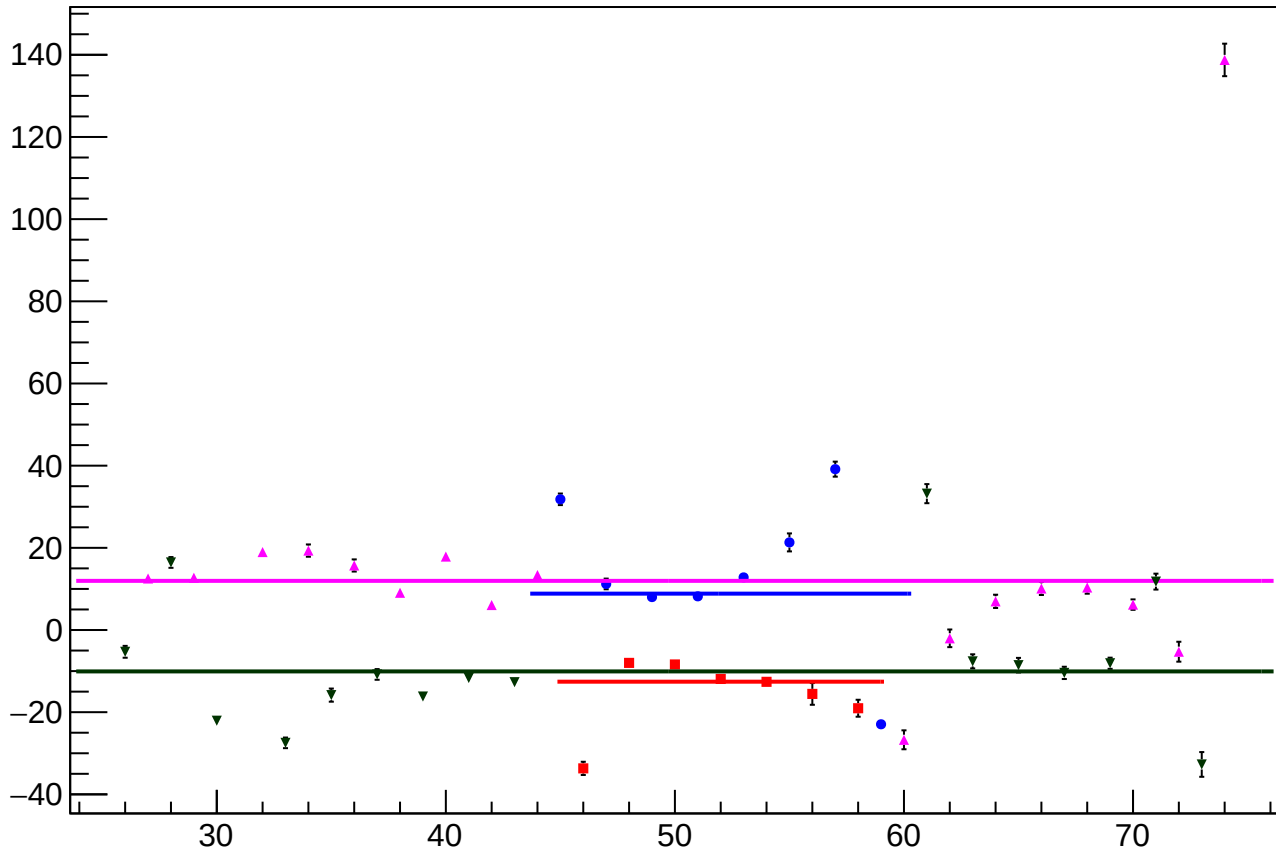
Left Out: -52.339+/-0.107 χ^2/NDF :1750575.7/15

Right Out: 210.336+/-0.199 χ^2/NDF : 208355.2/6

Left In: 9.552+/-0.040 χ^2/NDF :1838644.8/16

-0.365+/-0.036 χ^2/NDF : 6984394.1/47

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 8.852 ± 0.383 $\chi^2/\text{NDF}: 1414.6/7$

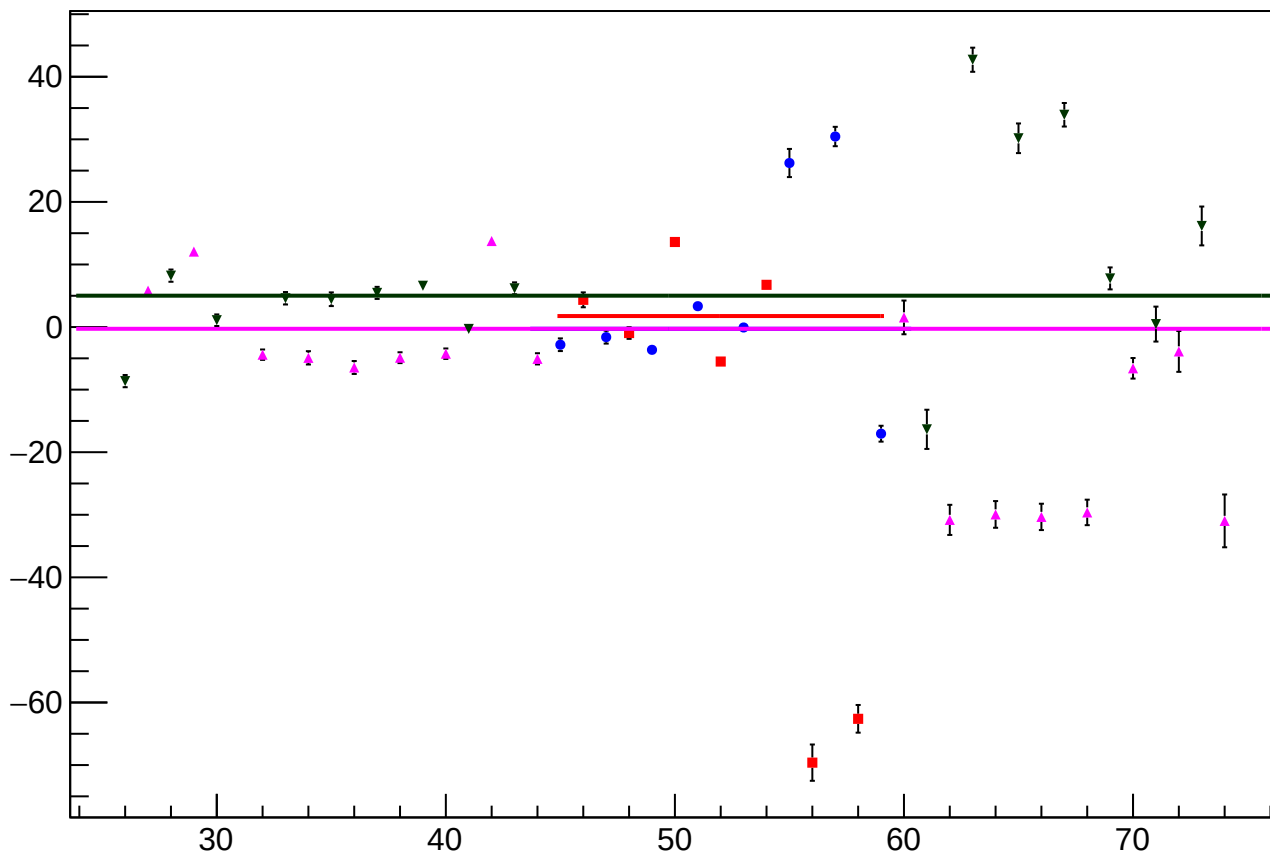
Left Out: -10.077 ± 0.348 $\chi^2/\text{NDF}: 1299.8/15$

1.043 ± 0.185 $\chi^2/\text{NDF}: 7970.6/47$

Right Out: -12.577 ± 0.458 $\chi^2/\text{NDF}: 224.5/6$

Left In: 11.961 ± 0.325 $\chi^2/\text{NDF}: 1582.7/16$

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.277 ± 0.305 $\chi^2/\text{NDF}: 779.9/7$

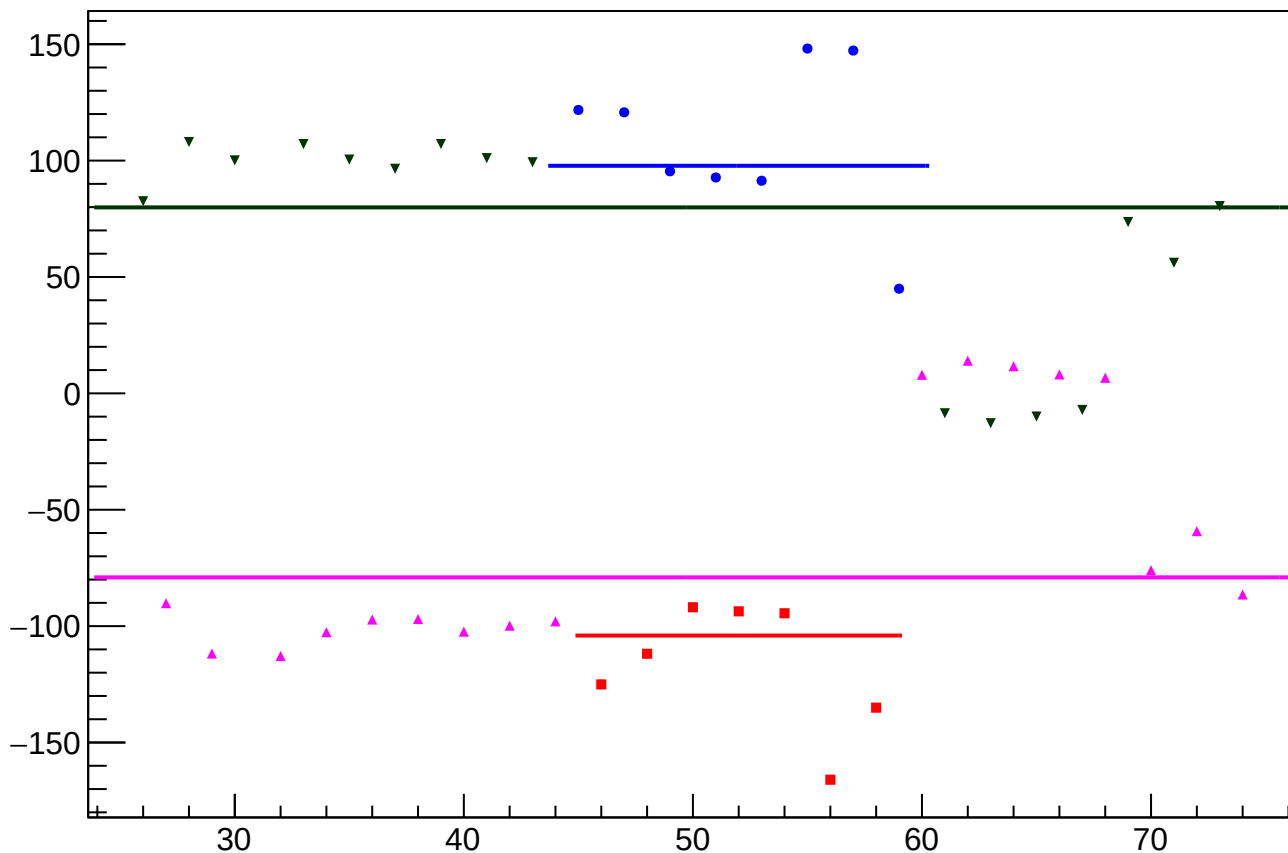
Left Out: 5.013 ± 0.285 $\chi^2/\text{NDF}: 1079.7/15$

Right Out: 1.759 ± 0.344 $\chi^2/\text{NDF}: 1947.5/6$

Left In: -0.278 ± 0.261 $\chi^2/\text{NDF}: 1742.1/16$

1.503 ± 0.147 $\chi^2/\text{NDF}: 5782.1/47$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 97.776 $\pm$ 0.070 χ^2 /NDF: 135873.3/7

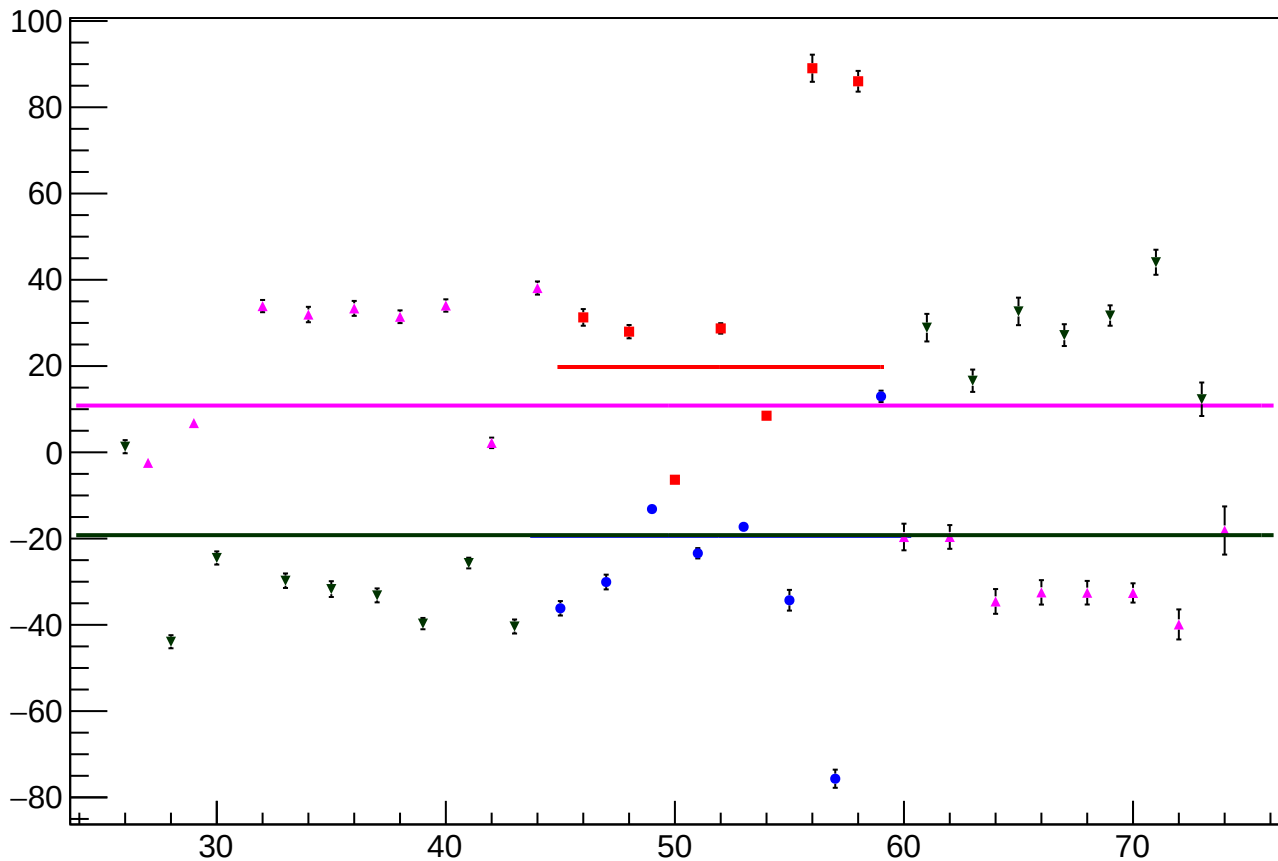
Left Out: 79.900 $\pm$ 0.059 χ^2 /NDF: 488873.3/15

Right Out: -104.053 $\pm$ 0.080 χ^2 /NDF: 46606.1/6

Left In: -79.052 $\pm$ 0.056 χ^2 /NDF: 621342.9/16

1.457 $\pm$ 0.032 χ^2 /NDF: 8744089.3/47

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.359 ± 0.479 χ^2/NDF : 1552.8/7

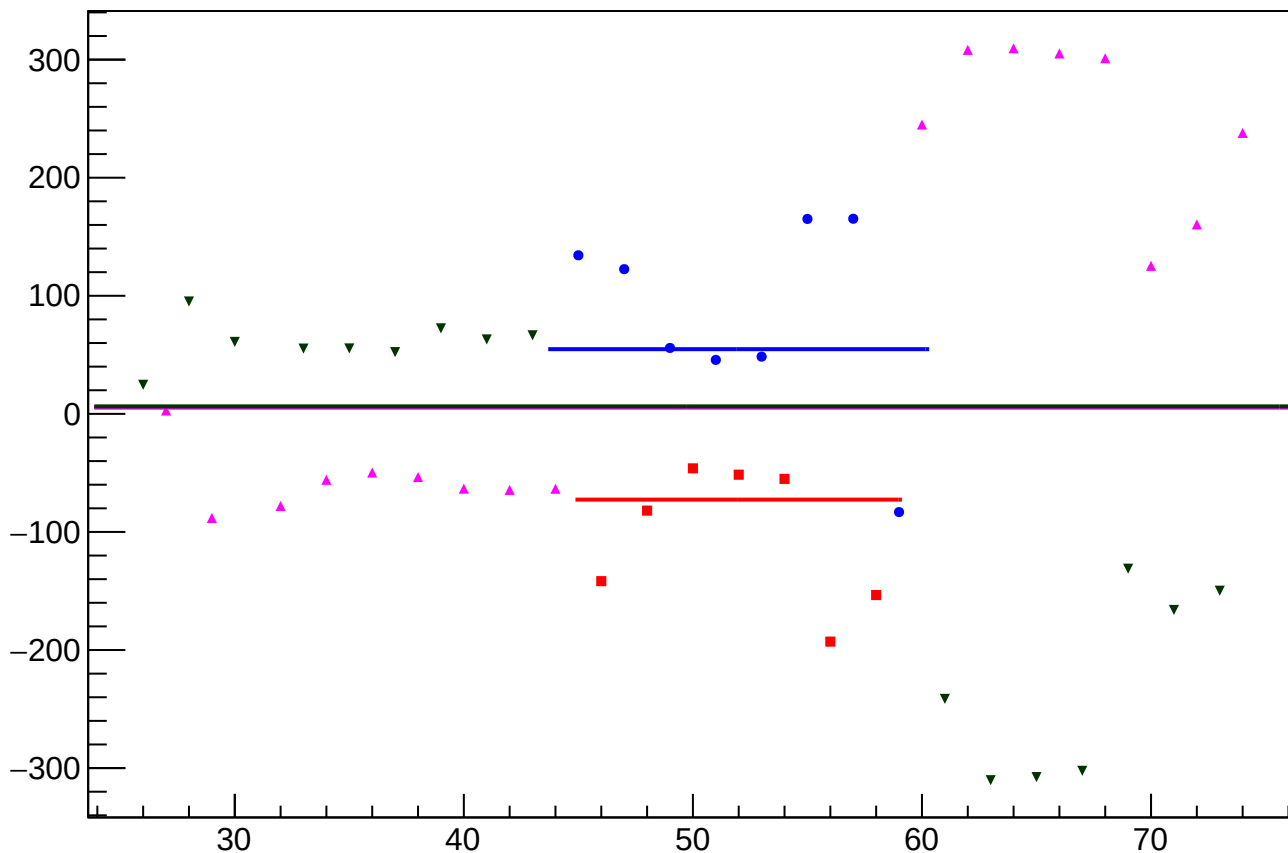
Left Out: -19.206 ± 0.456 χ^2/NDF : 3082.7/15

Right Out: 19.780 ± 0.554 χ^2/NDF : 2047.5/6

Left In: 10.844 ± 0.417 χ^2/NDF : 3133.0/16

-2.740 ± 0.235 χ^2/NDF : 15036.0/47

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 54.785+/-0.091 χ^2/NDF : 532761.5/7

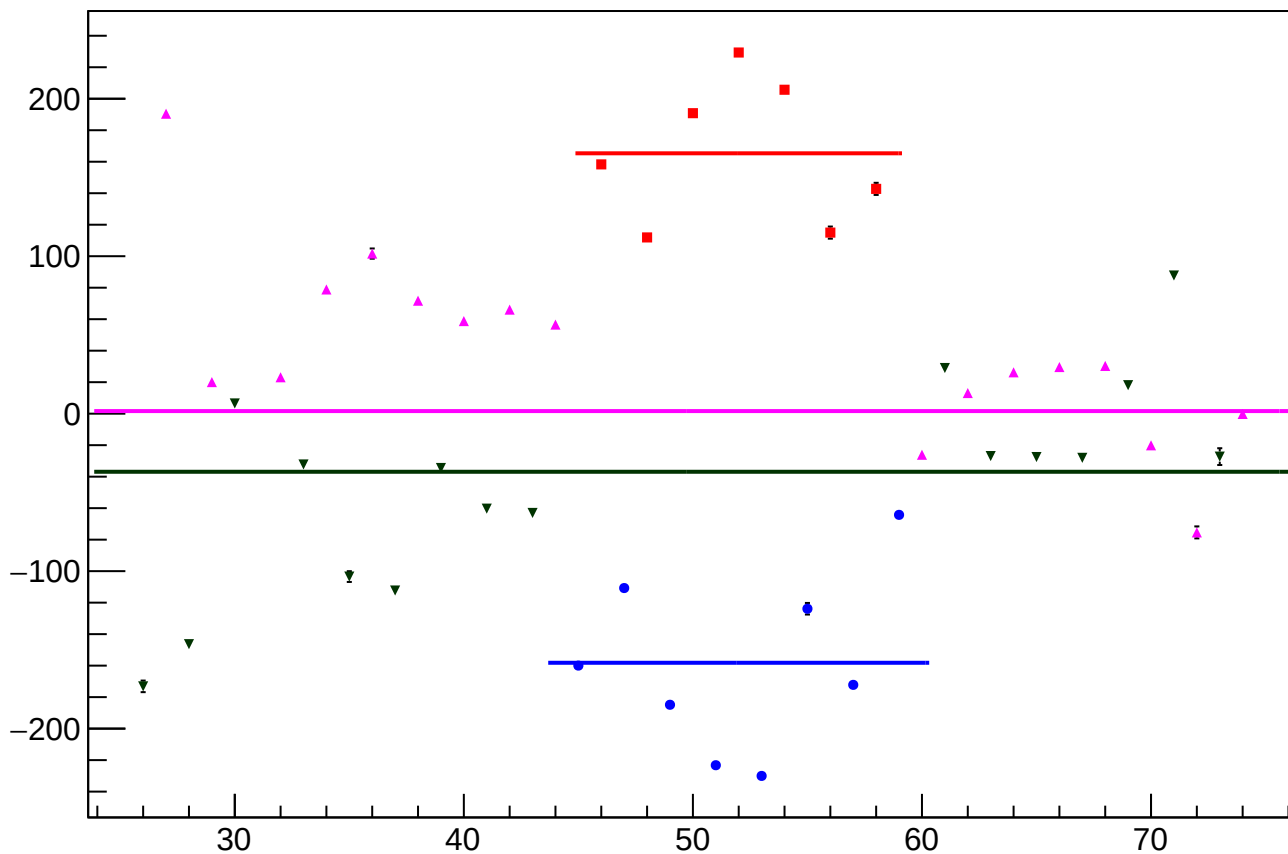
Left Out: 6.330+/-0.082 χ^2/NDF : 2035995.8/15

2.803+/-0.044 χ^2/NDF : 5941140.9/47

Right Out: -72.640+/-0.103 χ^2/NDF : 148905.8/6

Left In: 5.235+/-0.084 χ^2/NDF : 2359581.0/16

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -158.185+/-0.895 χ^2/NDF : 3038.4/7

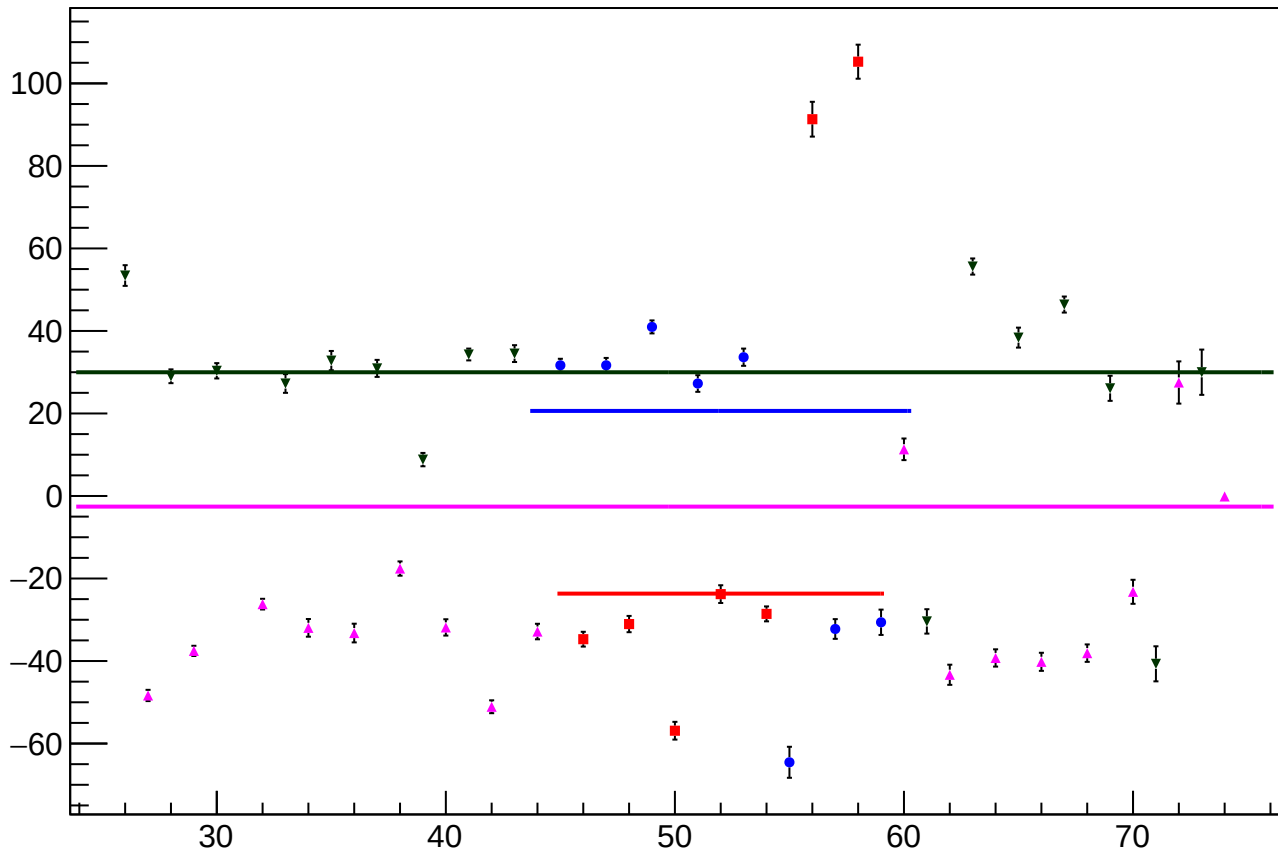
Left Out: -36.888+/-0.578 χ^2/NDF : 8766.5/15

Right Out: 165.347+/-1.079 χ^2/NDF : 1476.1/6

Left In: 1.649+/-0.113 χ^2/NDF : 14053.1/16

-0.436+/-0.109 χ^2/NDF : 86272.4/47

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 20.617 ± 0.717 $\chi^2/\text{NDF}: 1586.0/7$

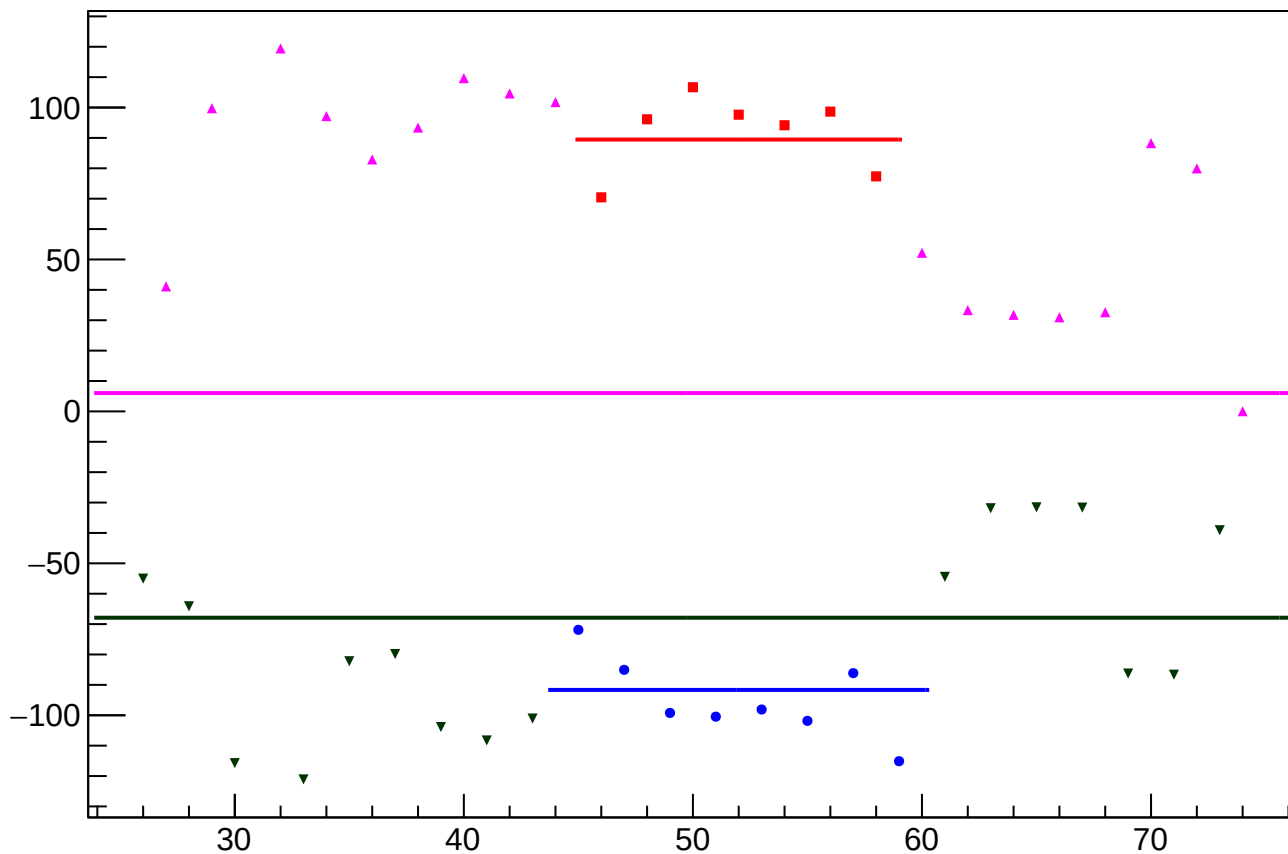
Left Out: 29.987 ± 0.532 $\chi^2/\text{NDF}: 1226.0/15$

Right Out: -23.662 ± 0.839 $\chi^2/\text{NDF}: 2017.2/6$

Left In: -2.575 ± 0.125 $\chi^2/\text{NDF}: 5772.7/16$

-0.726 ± 0.119 $\chi^2/\text{NDF}: 15786.2/47$

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -91.658 $\pm$ 0.159 χ^2 /NDF: 7032.5/7

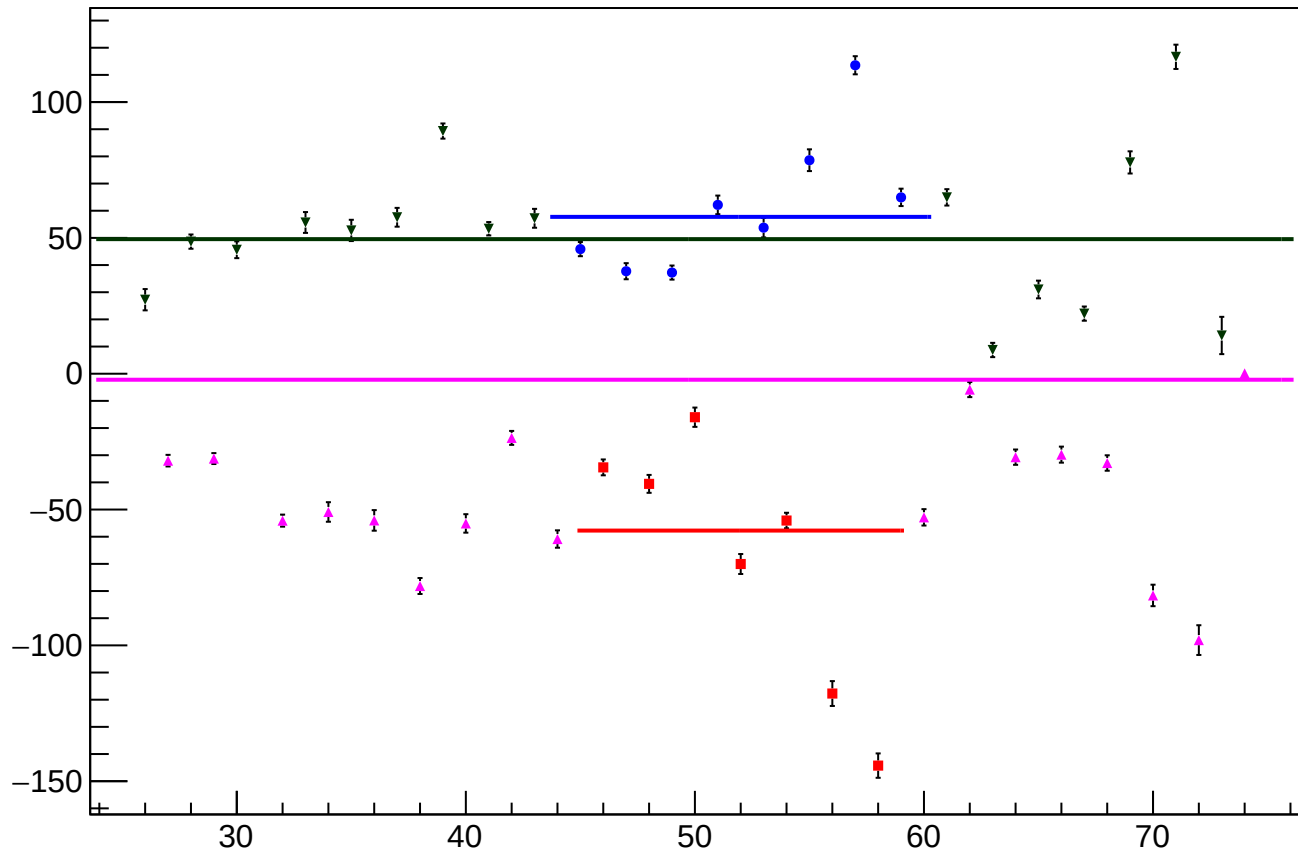
Left Out: -67.900 $\pm$ 0.098 χ^2 /NDF: 116551.5/15

0.593 $\pm$ 0.024 χ^2 /NDF: 1972437.8/47

Right Out: 89.456 $\pm$ 0.182 χ^2 /NDF: 4855.6/6

Left In: 6.034 $\pm$ 0.026 χ^2 /NDF: 729422.1/16

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 57.740 ± 1.102 χ^2/NDF : 444.0/7

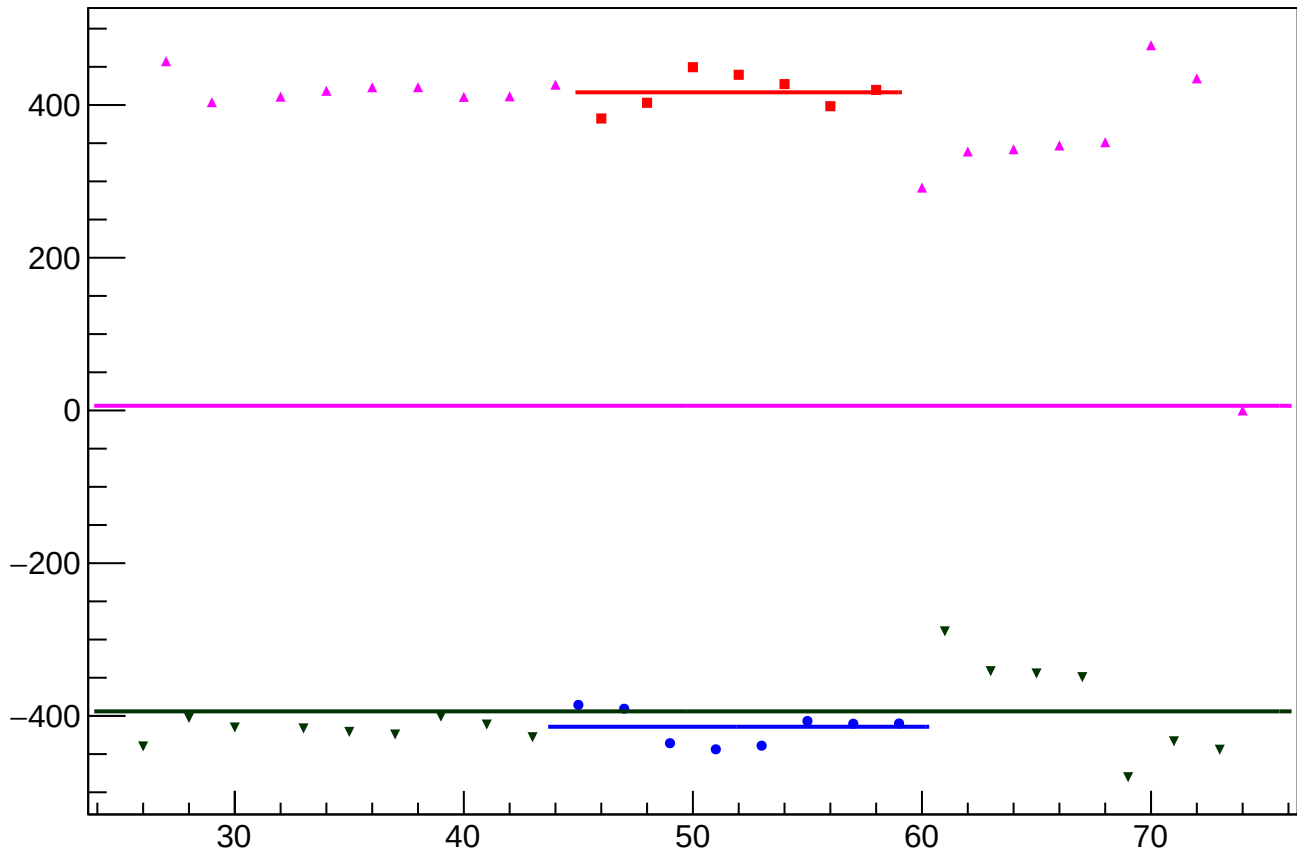
Left Out: 49.543 ± 0.807 χ^2/NDF : 962.2/15

Right Out: -57.742 ± 1.310 χ^2/NDF : 785.4/6

Left In: -2.214 ± 0.168 χ^2/NDF : 4118.9/16

0.292 ± 0.161 χ^2/NDF : 14935.7/47

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -414.189+/-0.214 χ^2/NDF : 10087.0/7

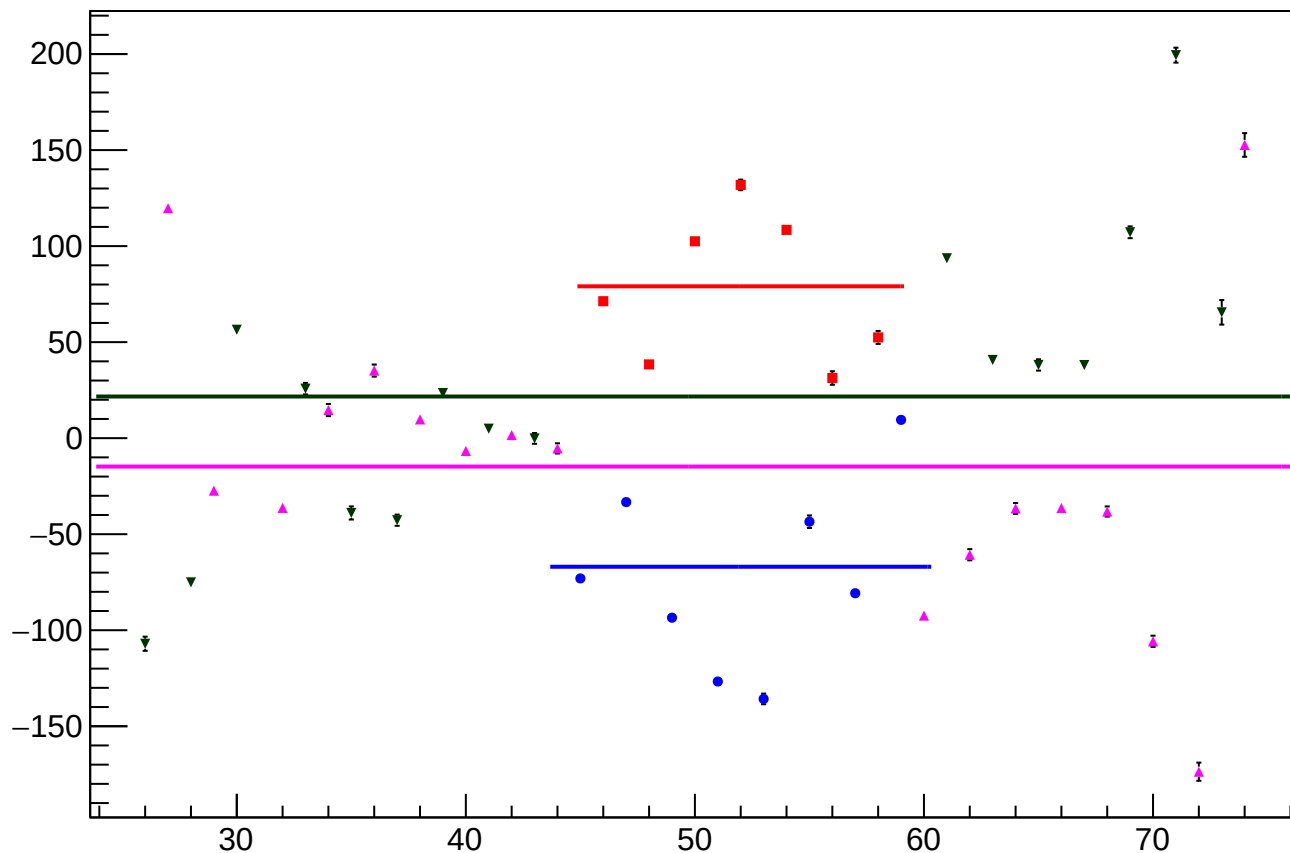
Left Out: -394.044+/-0.148 χ^2/NDF : 95163.5/15

Right Out: 416.609+/-0.249 χ^2/NDF : 8787.5/6

Left In: 6.117+/-0.018 χ^2/NDF : 7588961.7/16

-0.225+/-0.017 χ^2/NDF : 21430789.9/47

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -66.950 ± 0.797 $\chi^2/\text{NDF}: 3333.1/7$

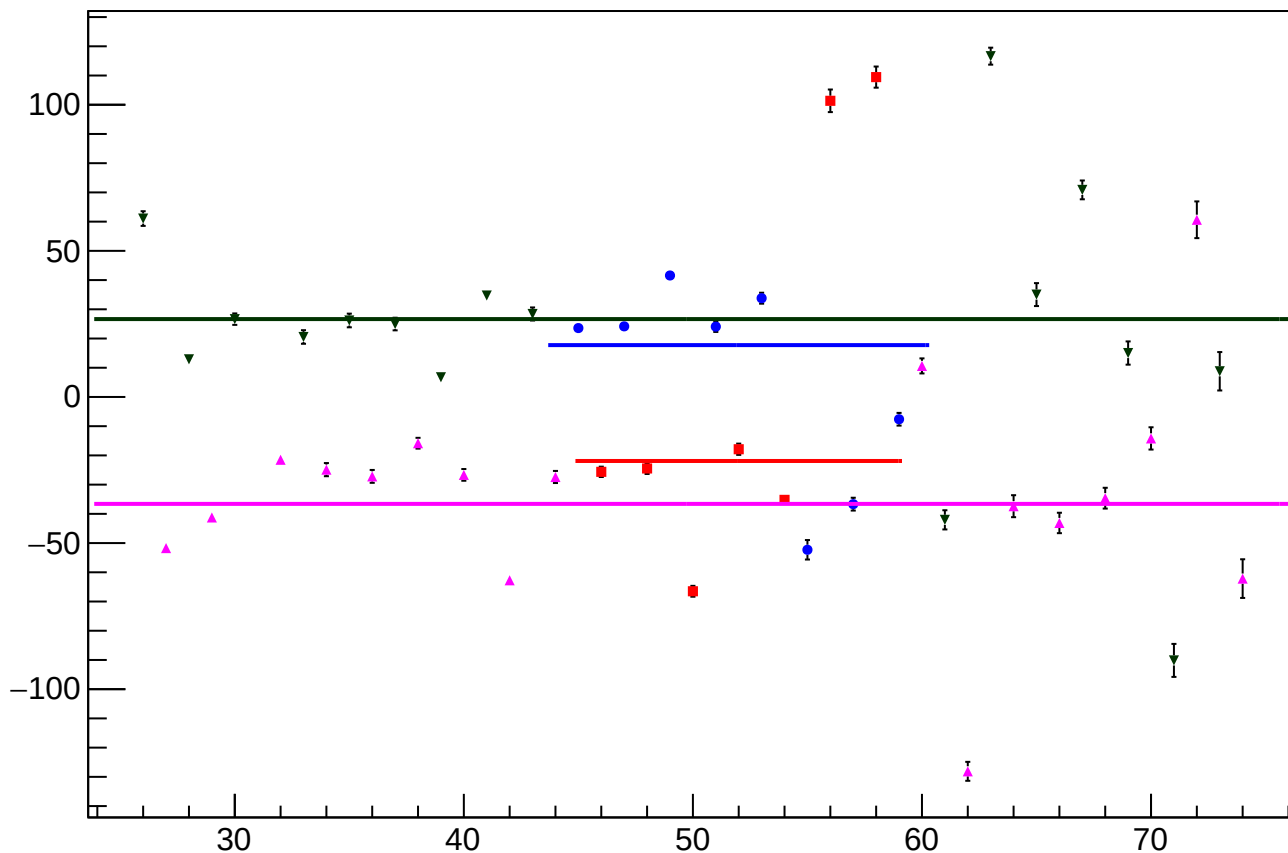
Left Out: 21.694 ± 0.694 $\chi^2/\text{NDF}: 8051.7/15$

Right Out: 79.066 ± 0.998 $\chi^2/\text{NDF}: 1185.2/6$

Left In: -14.797 ± 0.618 $\chi^2/\text{NDF}: 9711.7/16$

-2.728 ± 0.371 $\chi^2/\text{NDF}: 37113.6/47$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 17.745 ± 0.651 χ^2/NDF : 1587.6/7

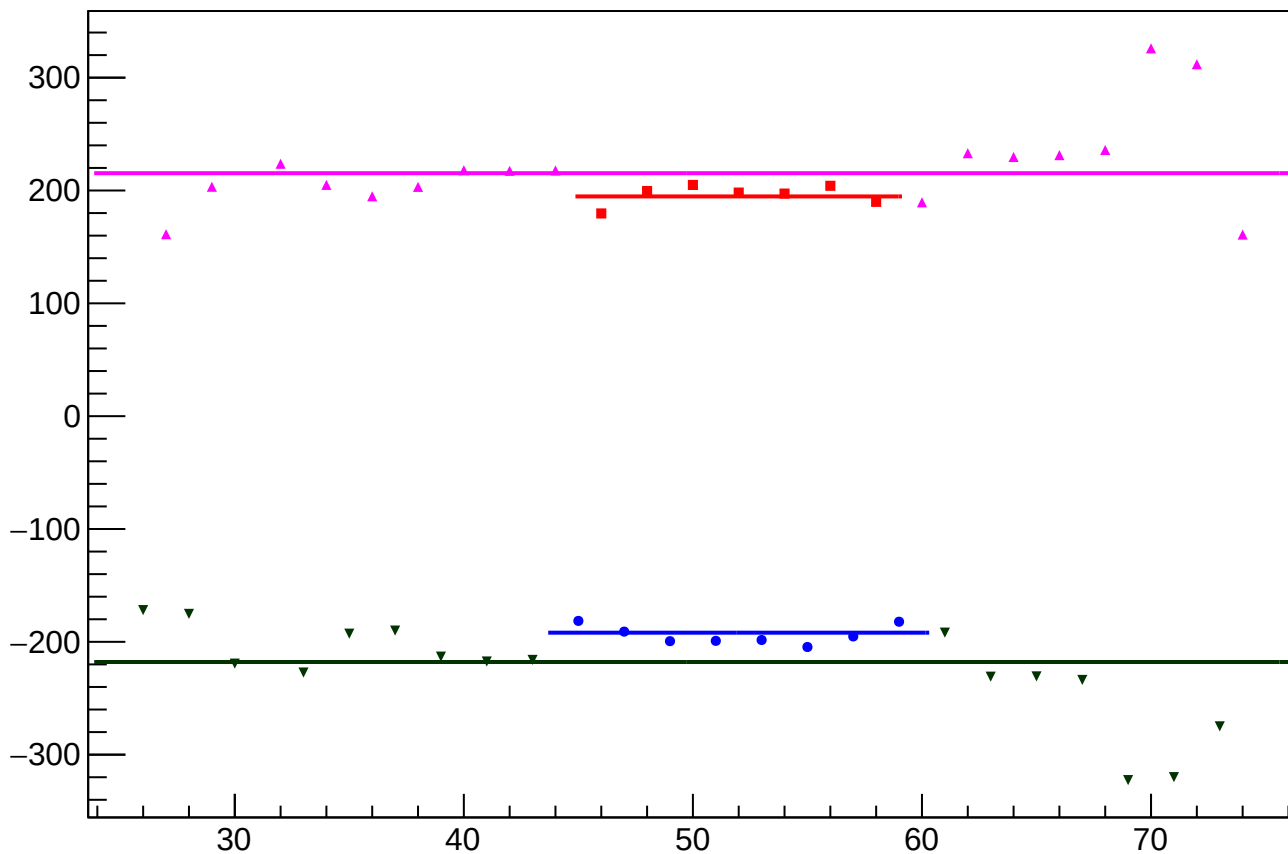
Left Out: 26.652 ± 0.592 χ^2/NDF : 2467.2/15

Right Out: -21.905 ± 0.779 χ^2/NDF : 2980.8/6

Left In: -36.589 ± 0.508 χ^2/NDF : 2166.3/16

-5.611 ± 0.305 χ^2/NDF : 17619.5/47

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -191.886 ± 0.142 χ^2/NDF : 3193.1/7

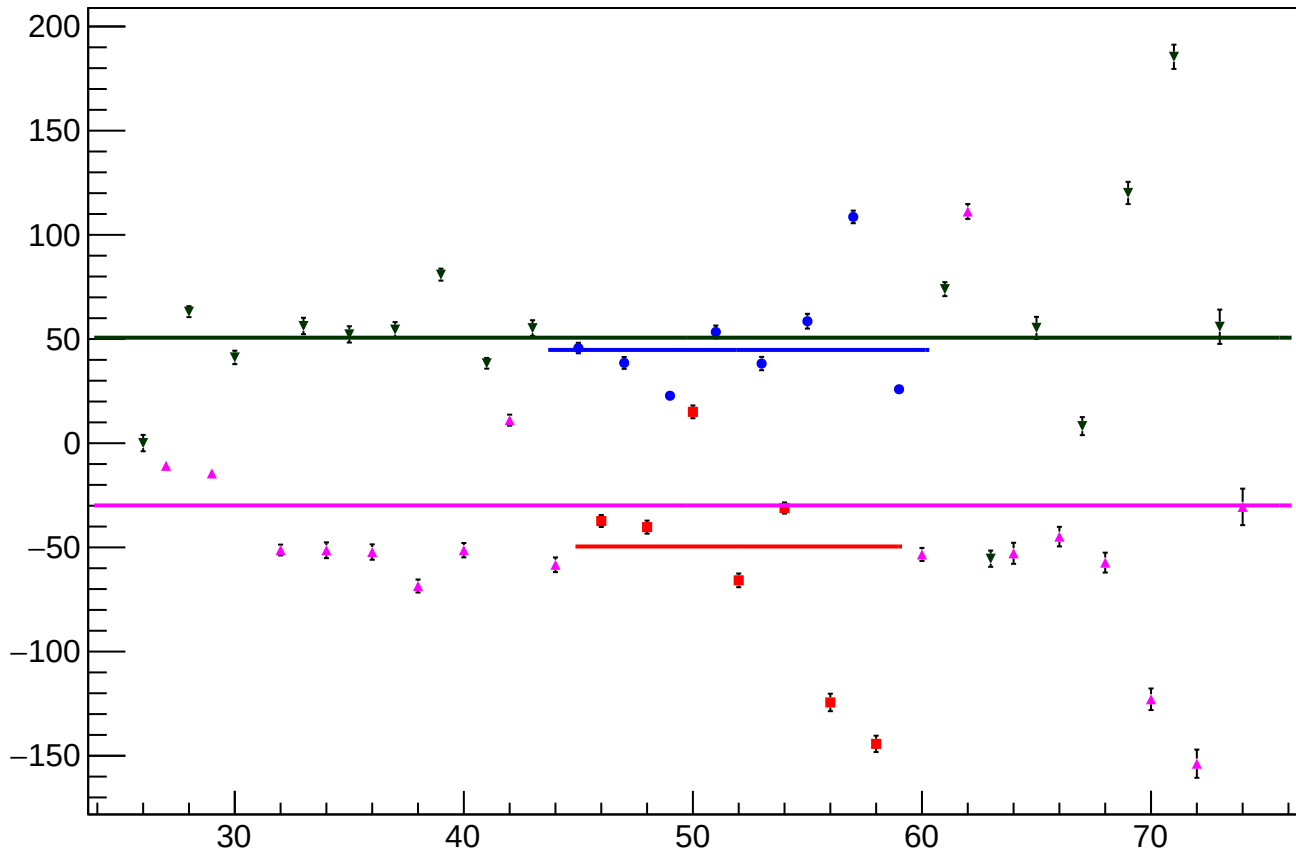
Left Out: -217.882 ± 0.118 χ^2/NDF : 81636.4/15

Right Out: 194.746 ± 0.170 χ^2/NDF : 2752.0/6

Left In: 215.349 ± 0.106 χ^2/NDF : 86149.6/16

2.621 ± 0.064 χ^2/NDF : 10825680.5/47

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 44.782 ± 0.977 χ^2/NDF : 634.2/7

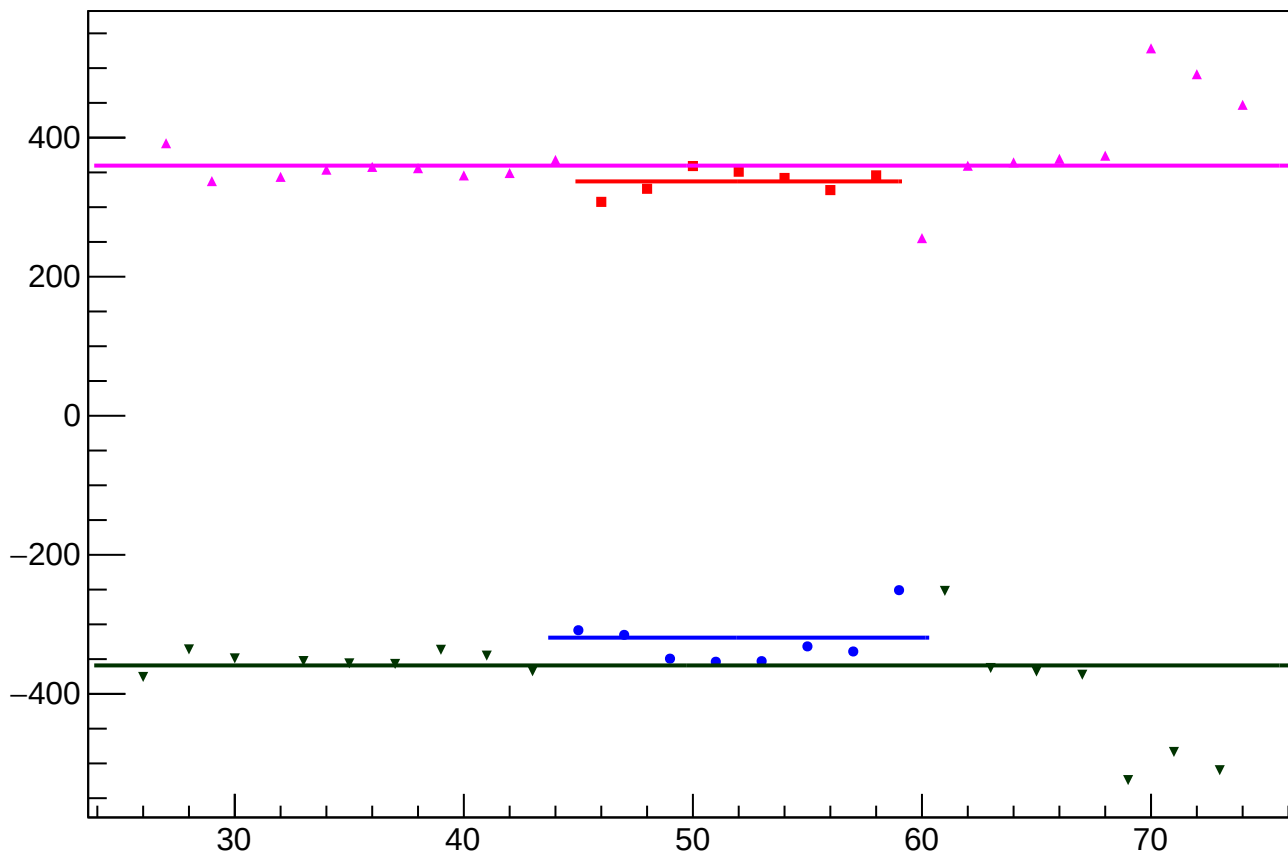
Left Out: 50.645 ± 0.922 χ^2/NDF : 1926.2/15

Right Out: -49.566 ± 1.210 χ^2/NDF : 1440.7/6

Left In: -29.856 ± 0.792 χ^2/NDF : 3123.4/16

5.563 ± 0.471 χ^2/NDF : 15199.5/47

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -319.113+/-0.189 χ^2/NDF : 38221.1/7

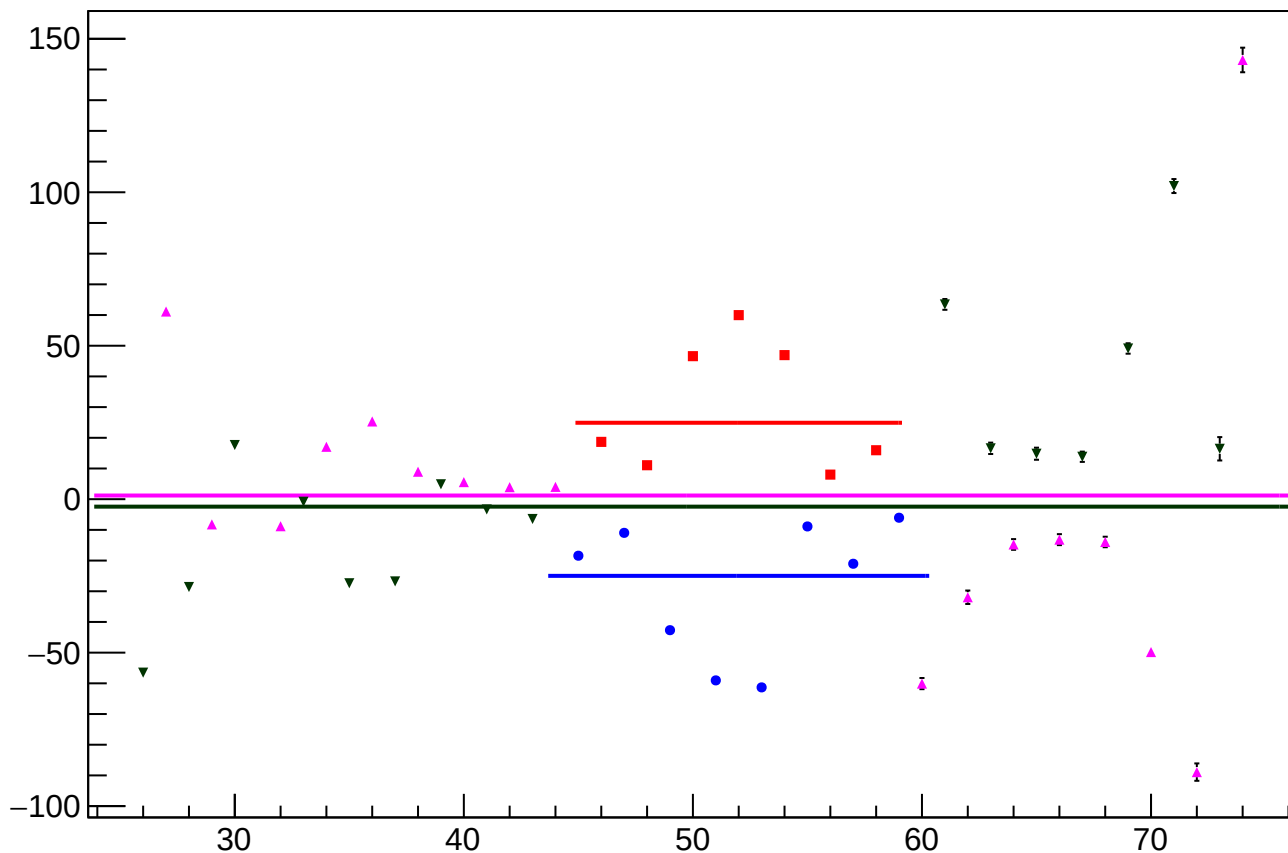
Left Out: -359.057+/-0.169 χ^2/NDF : 97401.2/15

Right Out: 337.059+/-0.229 χ^2/NDF : 5737.2/6

Left In: 359.777+/-0.160 χ^2/NDF : 99408.3/16

-8.807+/-0.091 χ^2/NDF : 14806495.8/47

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -24.981 ± 0.272 $\chi^2/\text{NDF}: 4056.4/7$

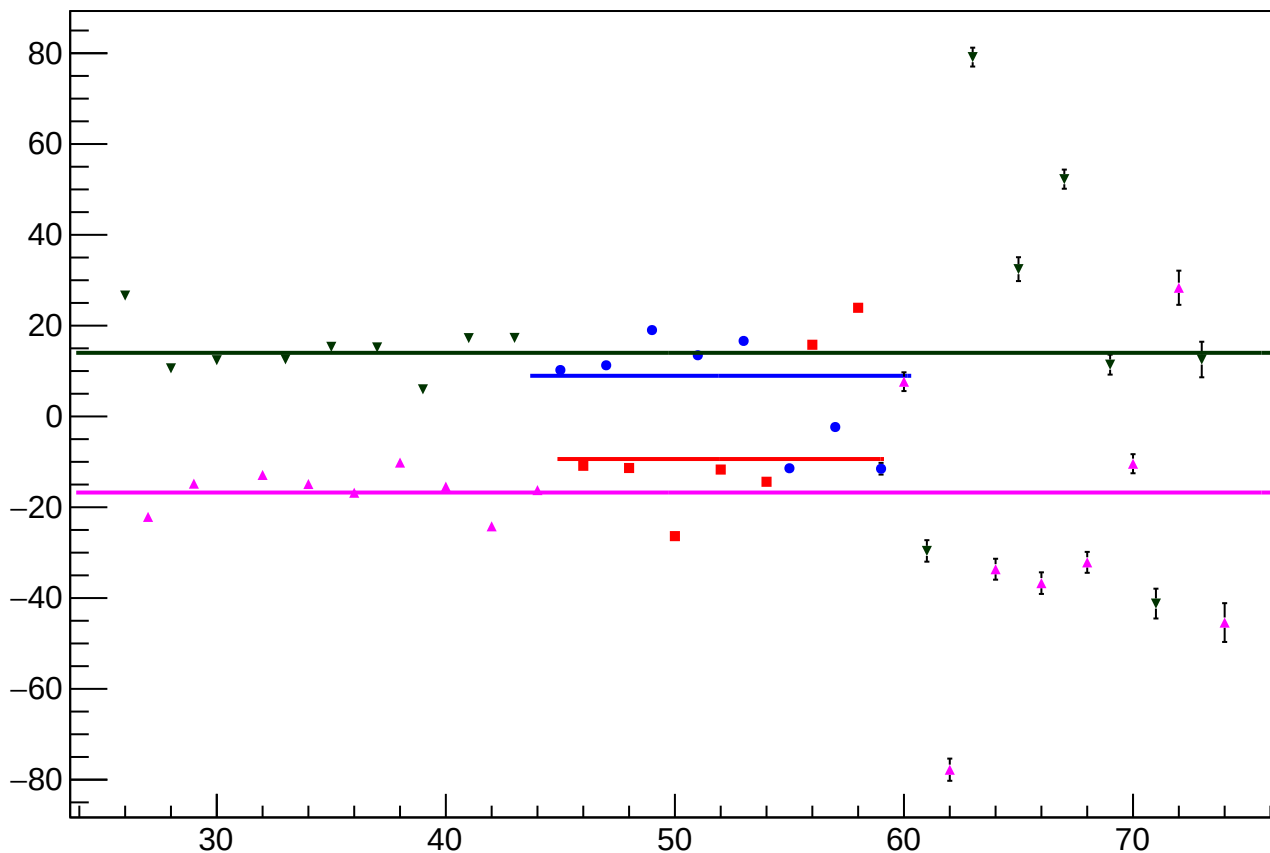
Left Out: -2.430 ± 0.285 $\chi^2/\text{NDF}: 8896.3/15$

Right Out: 24.900 ± 0.321 $\chi^2/\text{NDF}: 2964.3/6$

Left In: 1.195 ± 0.255 $\chi^2/\text{NDF}: 10491.2/16$

-2.085 ± 0.140 $\chi^2/\text{NDF}: 40714.2/47$

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 8.953+/-0.216 χ^2/NDF : 1629.6/7

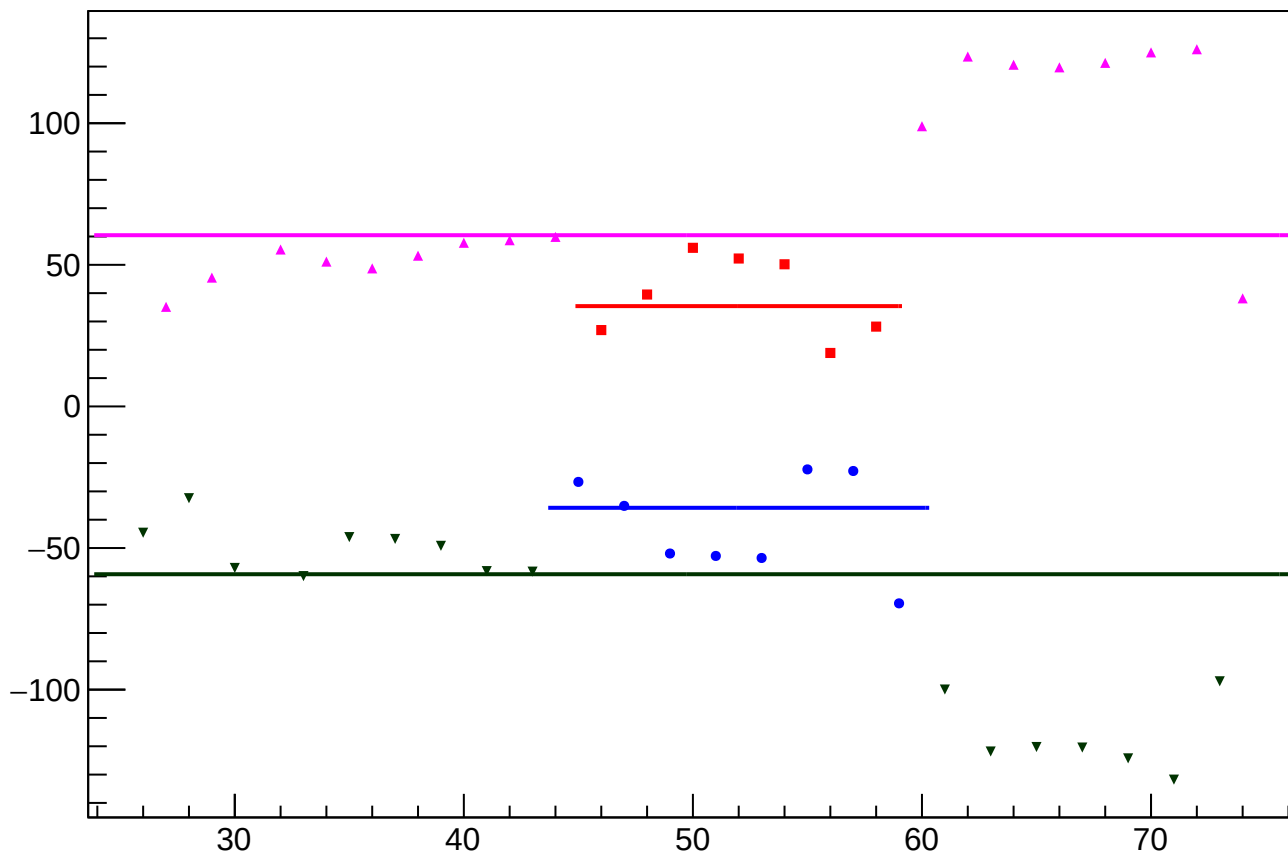
Left Out: 14.012+/-0.222 χ^2/NDF : 2445.7/15

Right Out: -9.378+/-0.257 χ^2/NDF : 2206.3/6

Left In: -16.757+/-0.197 χ^2/NDF : 1561.2/16

-1.170+/-0.110 χ^2/NDF : 21950.9/47

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -35.794 ± 0.047 $\chi^2/\text{NDF}: 85906.9/7$

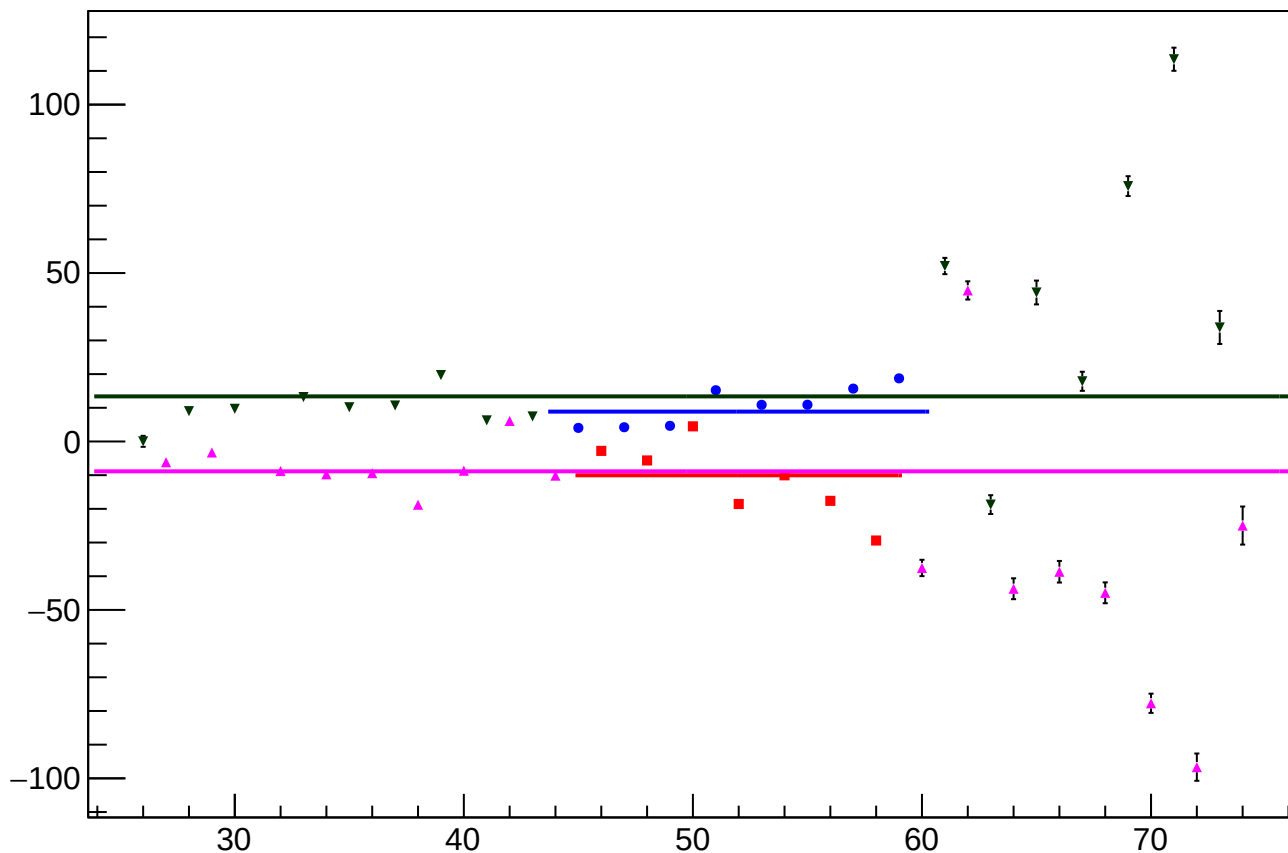
Left Out: -59.251 ± 0.048 $\chi^2/\text{NDF}: 284520.6/15$

Right Out: 35.420 ± 0.054 $\chi^2/\text{NDF}: 51164.7/6$

Left In: 60.460 ± 0.044 $\chi^2/\text{NDF}: 291029.2/16$

1.417 ± 0.024 $\chi^2/\text{NDF}: 5148383.5/47$

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 8.866 ± 0.331 χ^2/NDF : 254.0/7

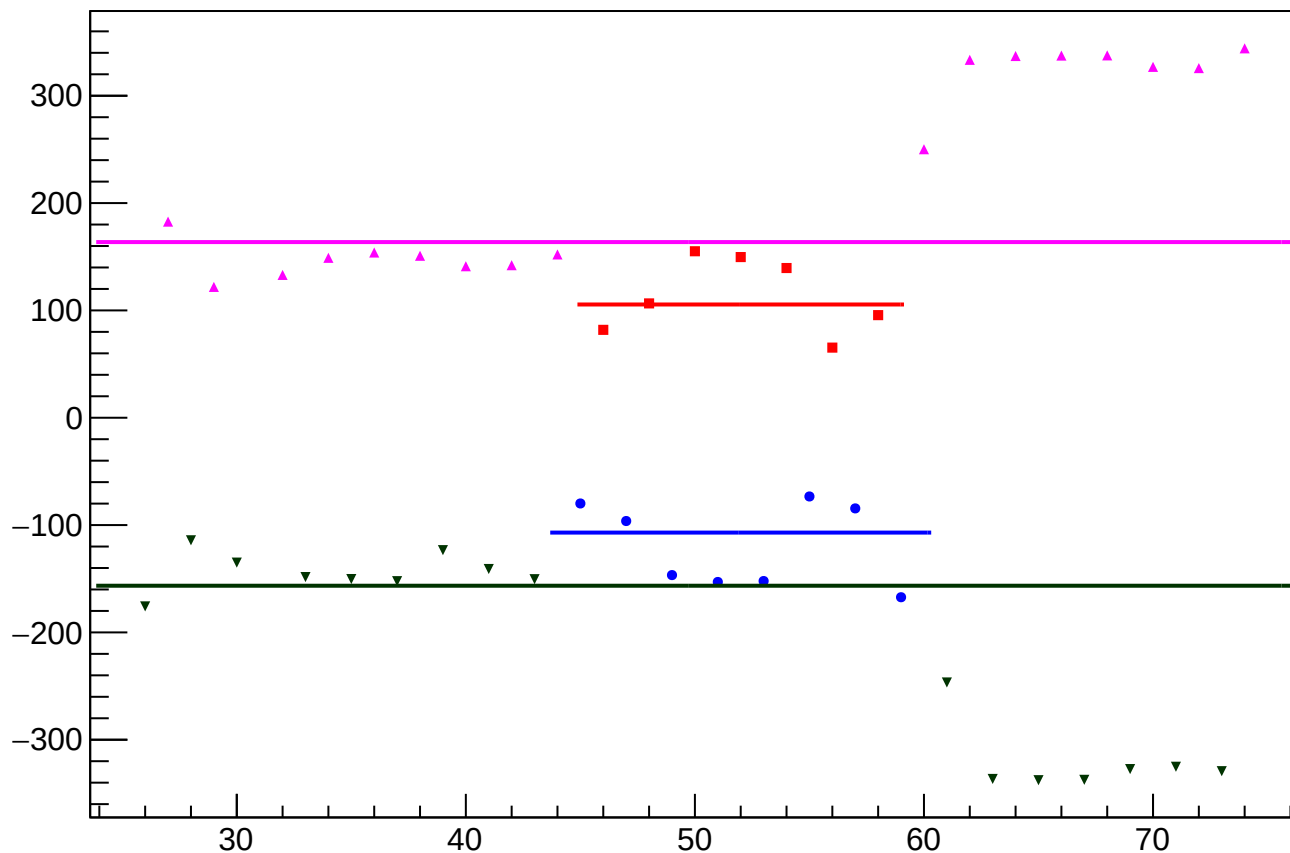
Left Out: 13.386 ± 0.362 χ^2/NDF : 2018.3/15

Right Out: -10.040 ± 0.390 χ^2/NDF : 599.8/6

Left In: -8.858 ± 0.321 χ^2/NDF : 2326.8/16

0.945 ± 0.174 χ^2/NDF : 8676.8/47

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -106.999 ± 0.065 $\chi^2/\text{NDF}: 273940.9/7$

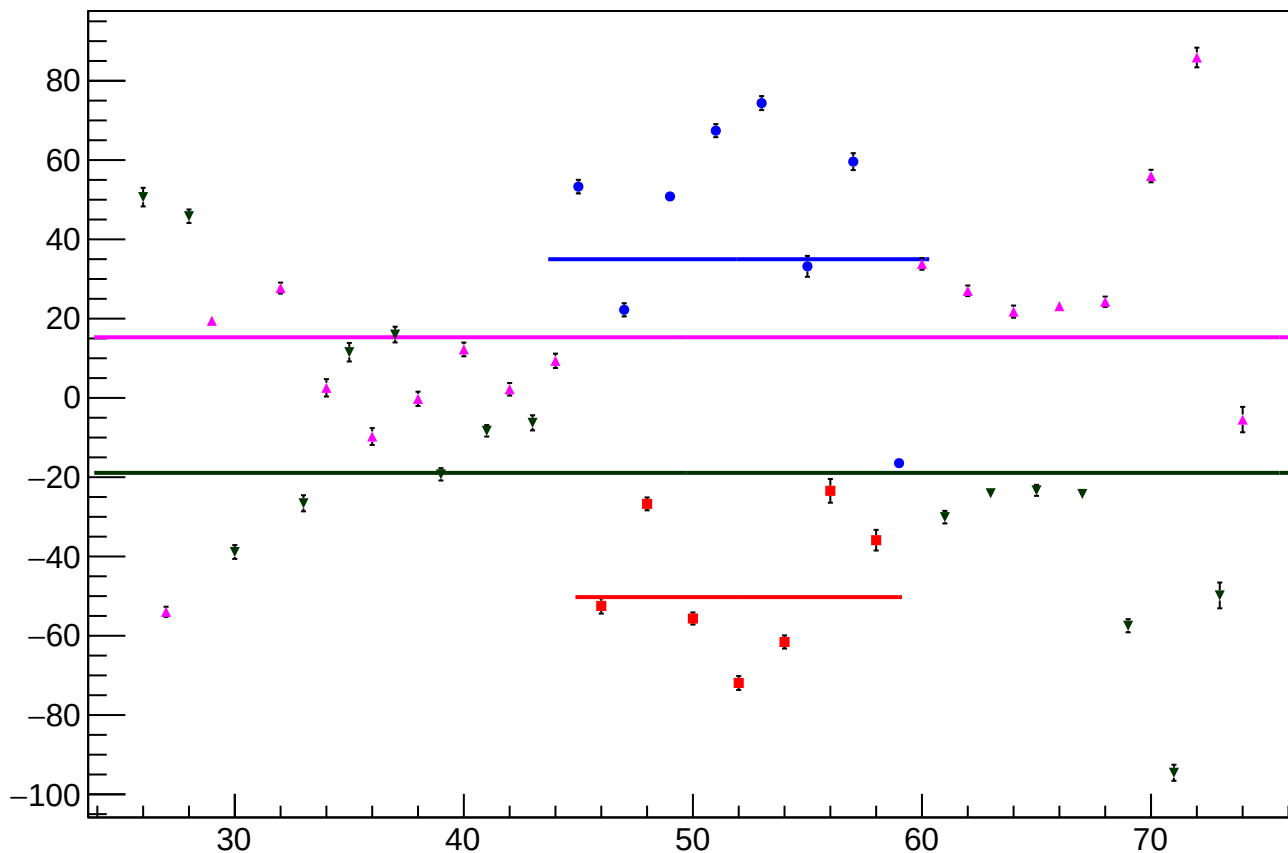
Left Out: -156.514 ± 0.067 $\chi^2/\text{NDF}: 739745.0/15$

Right Out: 105.515 ± 0.074 $\chi^2/\text{NDF}: 181531.1/6$

Left In: 163.663 ± 0.066 $\chi^2/\text{NDF}: 799387.4/16$

-4.078 ± 0.034 $\chi^2/\text{NDF}: 18290766.0/47$

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 34.985 ± 0.538 $\chi^2/\text{NDF}: 3693.2/7$

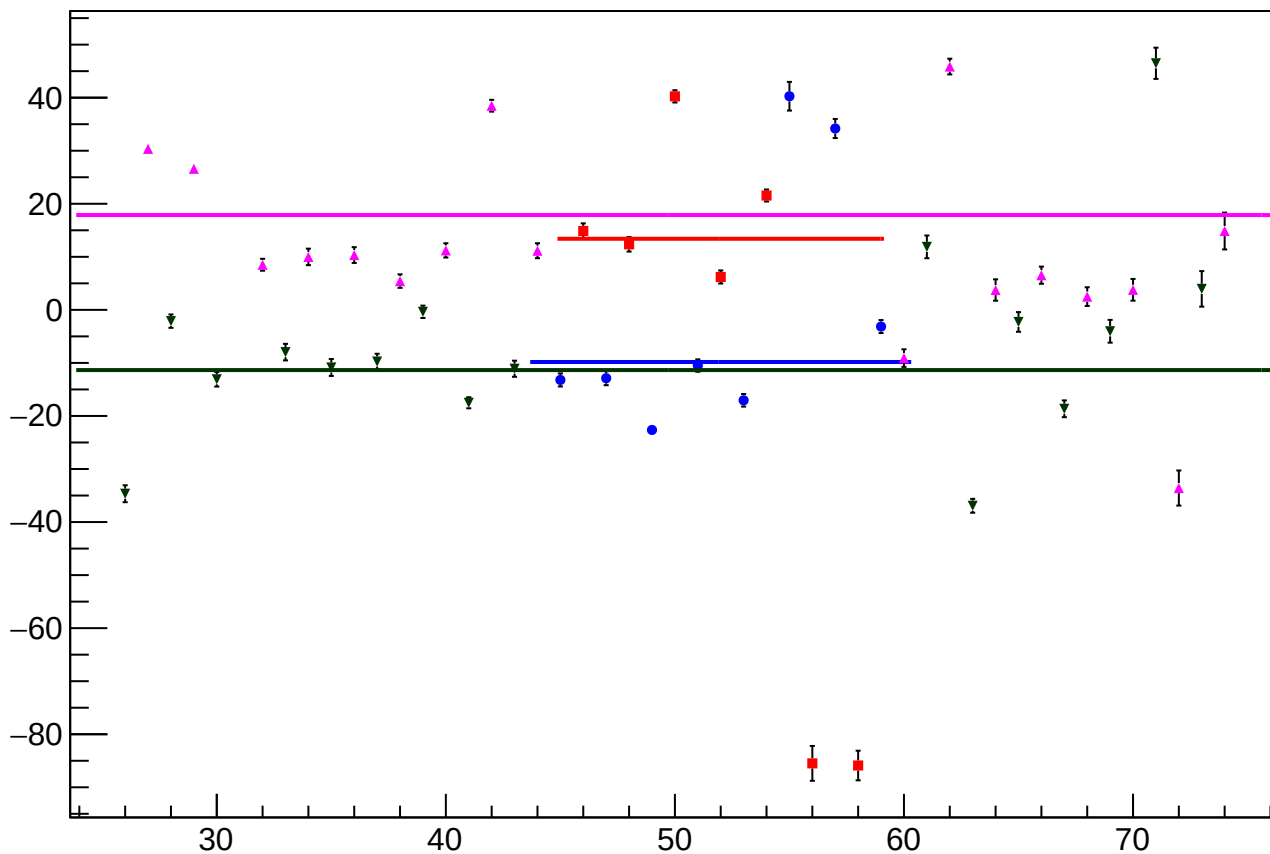
Left Out: -18.906 ± 0.420 $\chi^2/\text{NDF}: 5145.9/15$

Right Out: -50.248 ± 0.704 $\chi^2/\text{NDF}: 531.0/6$

Left In: 15.299 ± 0.380 $\chi^2/\text{NDF}: 5219.3/16$

1.018 ± 0.235 $\chi^2/\text{NDF}: 27548.0/47$

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -9.827 ± 0.448 $\chi^2/\text{NDF}: 1219.3/7$

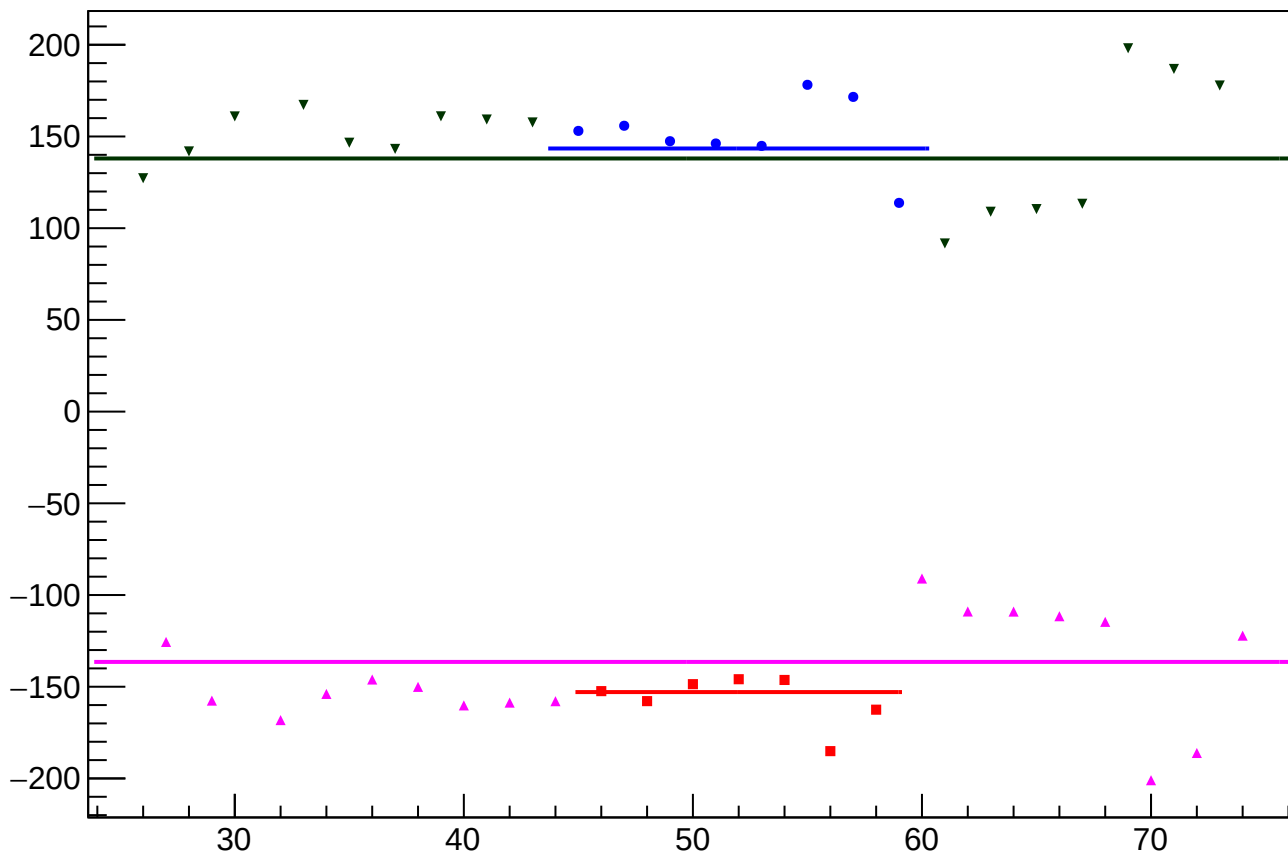
Left Out: -11.351 ± 0.383 $\chi^2/\text{NDF}: 1363.6/15$

Right Out: 13.406 ± 0.540 $\chi^2/\text{NDF}: 2798.8/6$

Left In: 17.874 ± 0.332 $\chi^2/\text{NDF}: 2031.6/16$

3.383 ± 0.203 $\chi^2/\text{NDF}: 12016.5/47$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 143.452 $\pm$ 0.097 χ^2 /NDF: 38279.9/7

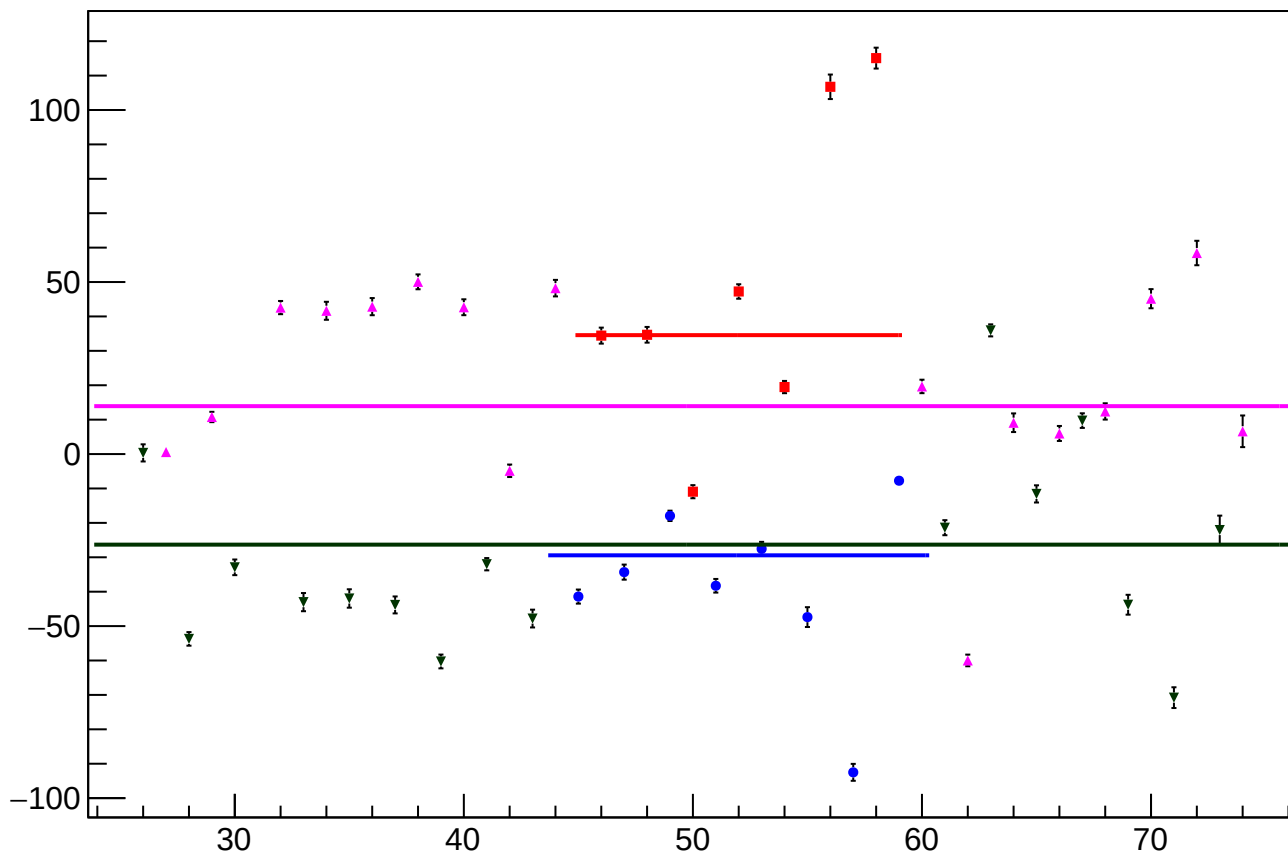
Left Out: 138.006 $\pm$ 0.071 χ^2 /NDF:166537.9/15

Right Out: -152.913 $\pm$ 0.121 χ^2 /NDF: 5866.6/6

Left In: -136.471 $\pm$ 0.065 χ^2 /NDF:191936.0/16

-0.326 $\pm$ 0.041 χ^2 /NDF: 12305829.0/47

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.428 ± 0.662 $\chi^2/\text{NDF}: 1101.2/7$

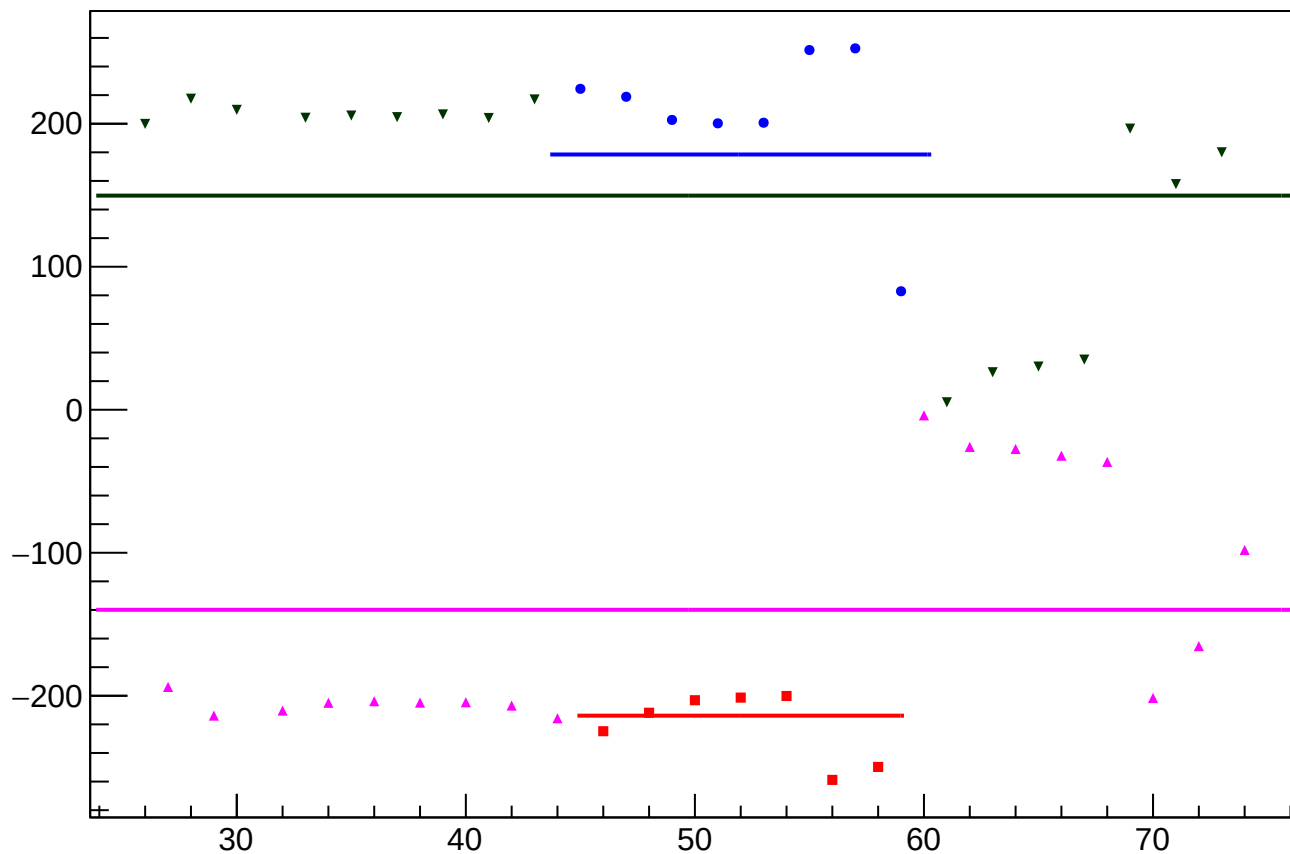
Left Out: -26.326 ± 0.580 $\chi^2/\text{NDF}: 2651.2/15$

Right Out: 34.563 ± 0.851 $\chi^2/\text{NDF}: 1791.8/6$

Left In: 13.925 ± 0.503 $\chi^2/\text{NDF}: 3549.8/16$

-4.025 ± 0.307 $\chi^2/\text{NDF}: 15372.4/47$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 178.495 $\pm$ 0.127 χ^2 /NDF: 232513.4/7

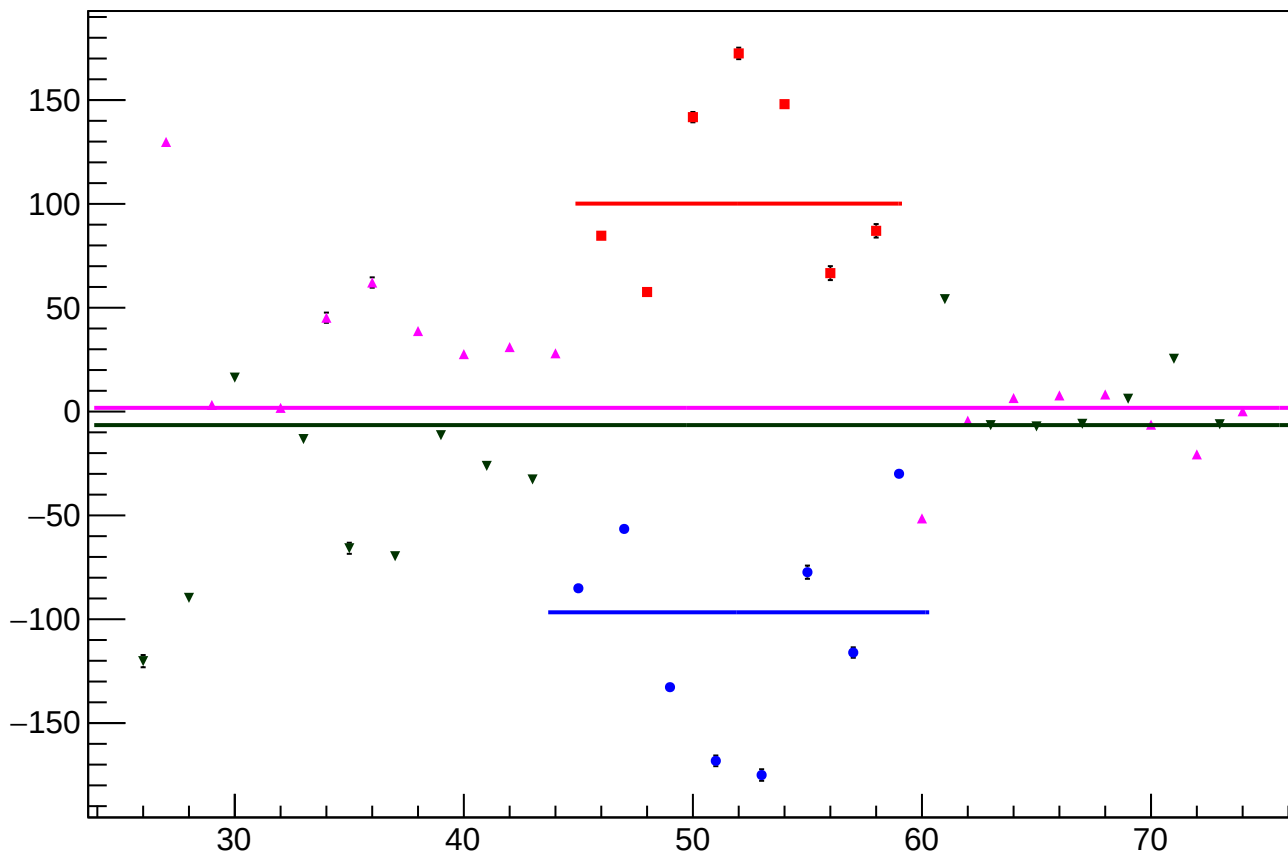
Left Out: 149.733 $\pm$ 0.105 χ^2 /NDF: 612243.7/15

Right Out: -213.915 $\pm$ 0.160 χ^2 /NDF: 13311.8/6

Left In: -139.891 $\pm$ 0.100 χ^2 /NDF: 724972.9/16

7.607 $\pm$ 0.058 χ^2 /NDF: 9328656.8/47

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -96.660 ± 0.712 χ^2/NDF : 3715.1/7

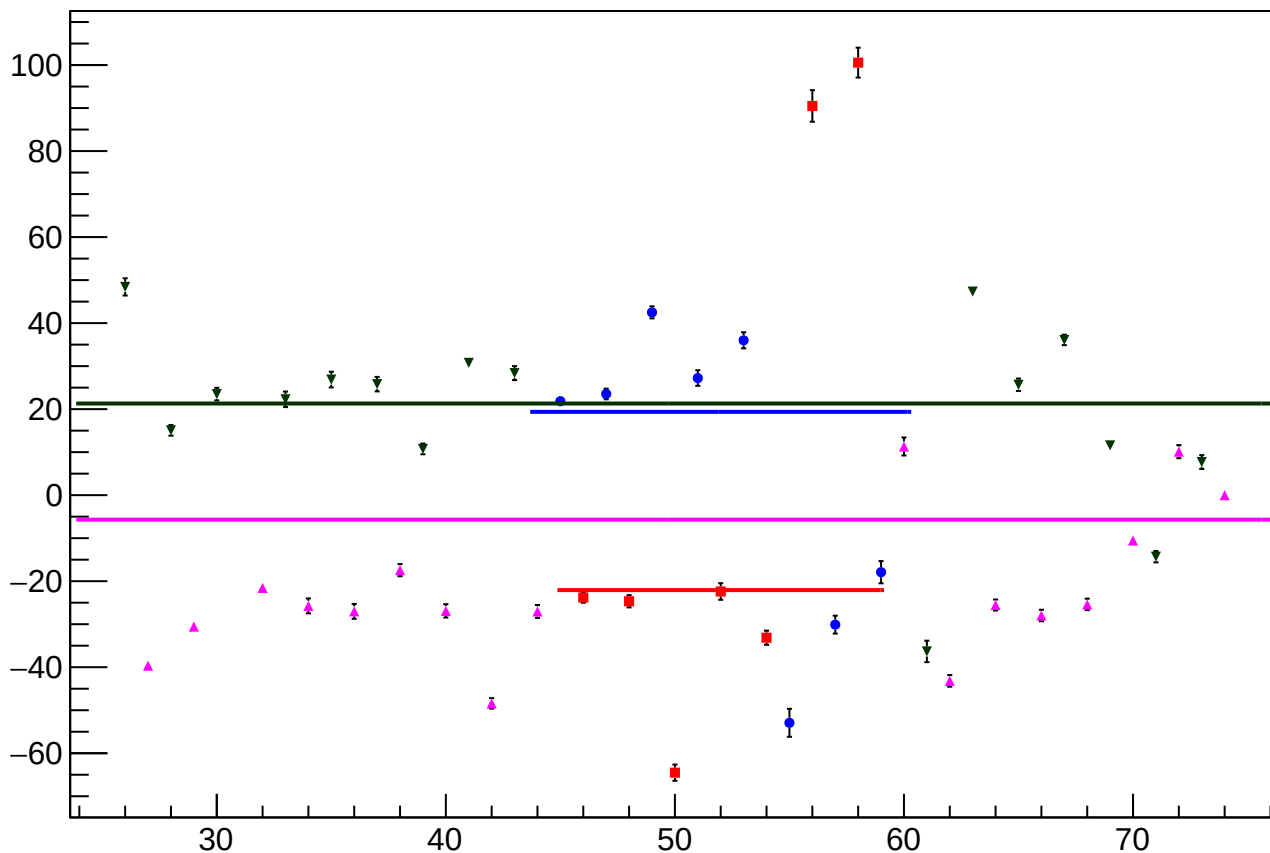
Left Out: -6.515 ± 0.344 χ^2/NDF : 8233.8/15

Right Out: 100.137 ± 0.856 χ^2/NDF : 2192.7/6

Left In: 1.792 ± 0.138 χ^2/NDF : 10050.1/16

-0.233 ± 0.125 χ^2/NDF : 56831.1/47

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 19.371 ± 0.565 χ^2/NDF : 1653.1/7

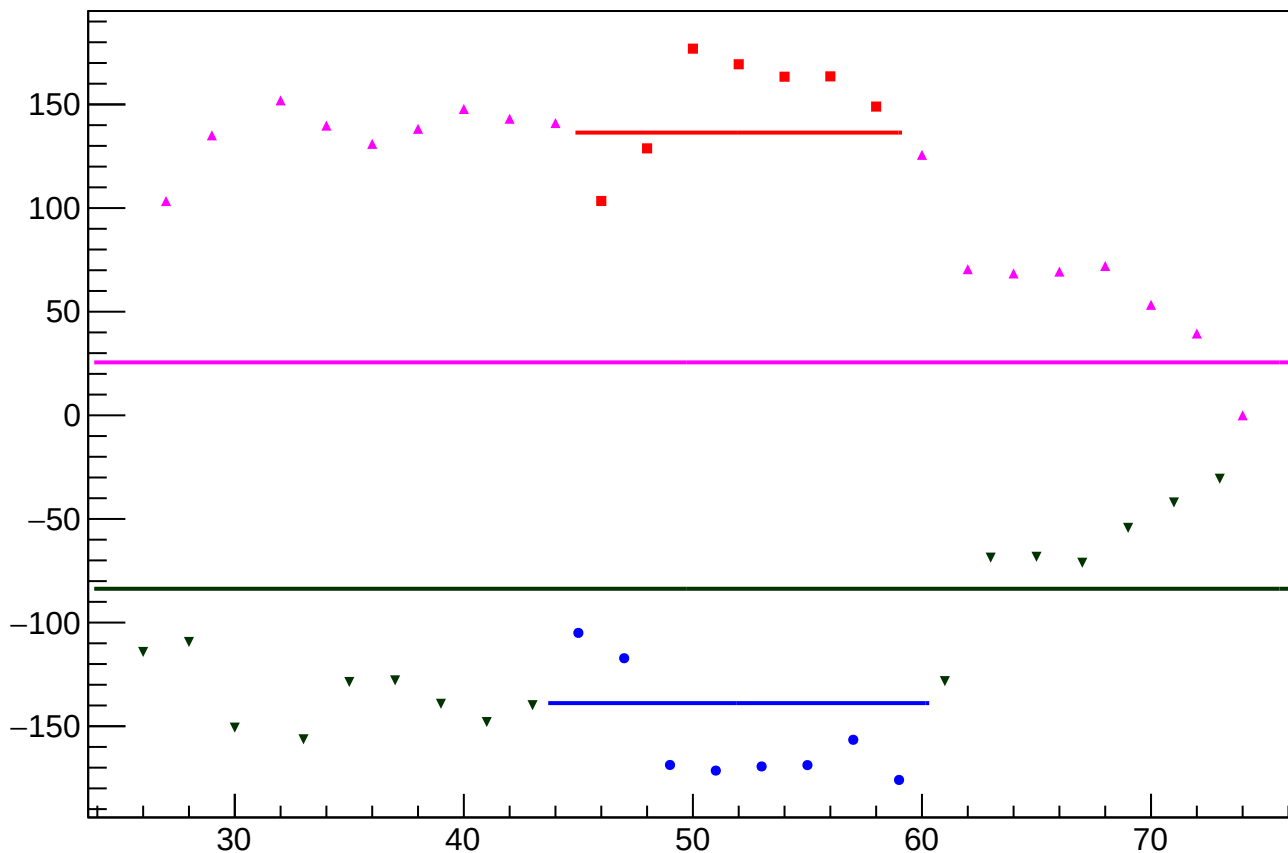
Left Out: 21.308 ± 0.353 χ^2/NDF : 2494.4/15

Right Out: -22.070 ± 0.667 χ^2/NDF : 2737.7/6

Left In: -5.695 ± 0.152 χ^2/NDF : 6885.0/16

-1.160 ± 0.133 χ^2/NDF : 21013.5/47

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -138.856+/-0.124 χ^2/NDF : 57335.3/7

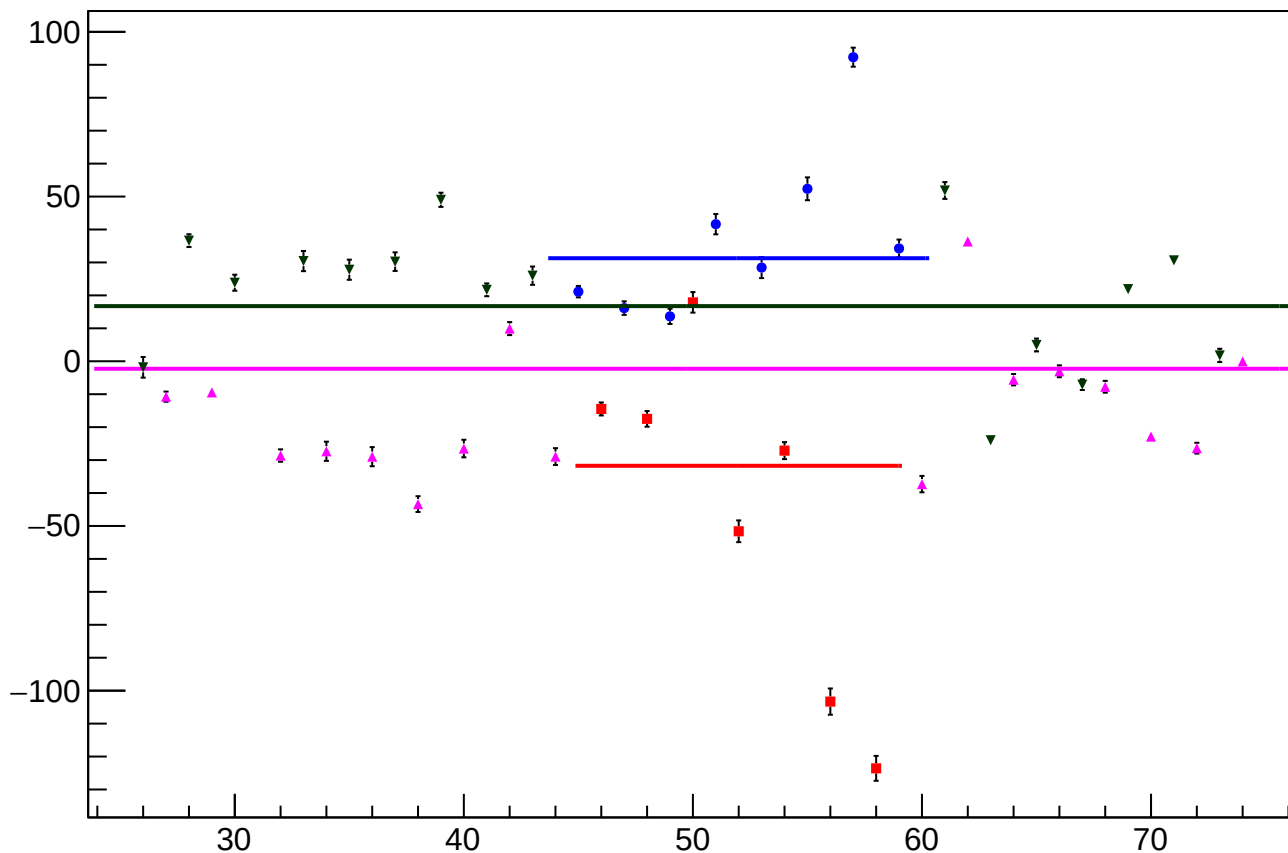
Left Out: -83.685+/-0.060 χ^2/NDF : 398657.2/15

Right Out: 136.409+/-0.143 χ^2/NDF : 38003.2/6

Left In: 25.542+/-0.030 χ^2/NDF : 2240991.5/16

1.665+/-0.026 χ^2/NDF : 7569450.6/47

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 31.283 ± 0.877 χ^2/NDF : 643.4/7

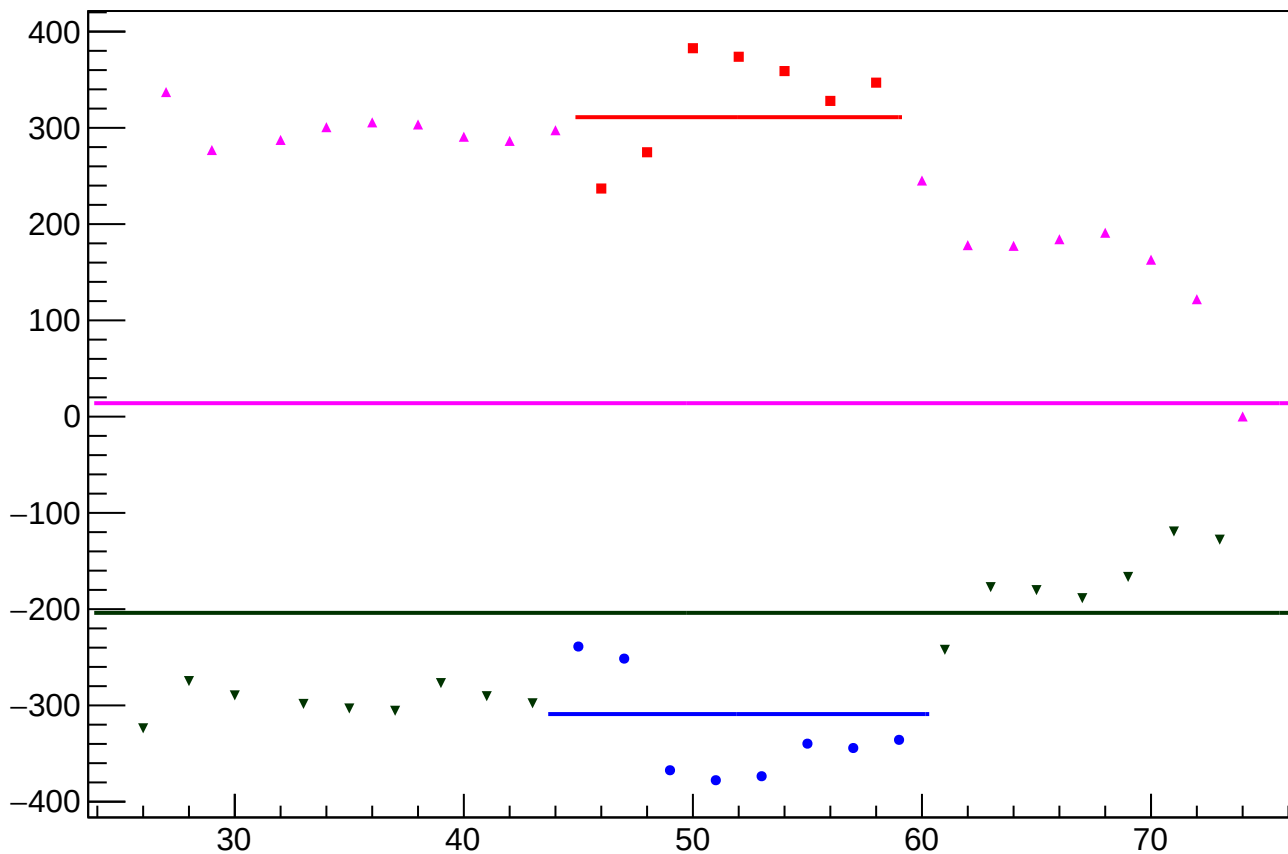
Left Out: 16.742 ± 0.503 χ^2/NDF : 1782.8/15

Right Out: -31.736 ± 1.047 χ^2/NDF : 1318.3/6

Left In: -2.277 ± 0.205 χ^2/NDF : 2320.2/16

0.786 ± 0.182 χ^2/NDF : 9469.2/47

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -308.994 ± 0.171 $\chi^2/\text{NDF}: 112639.9/7$

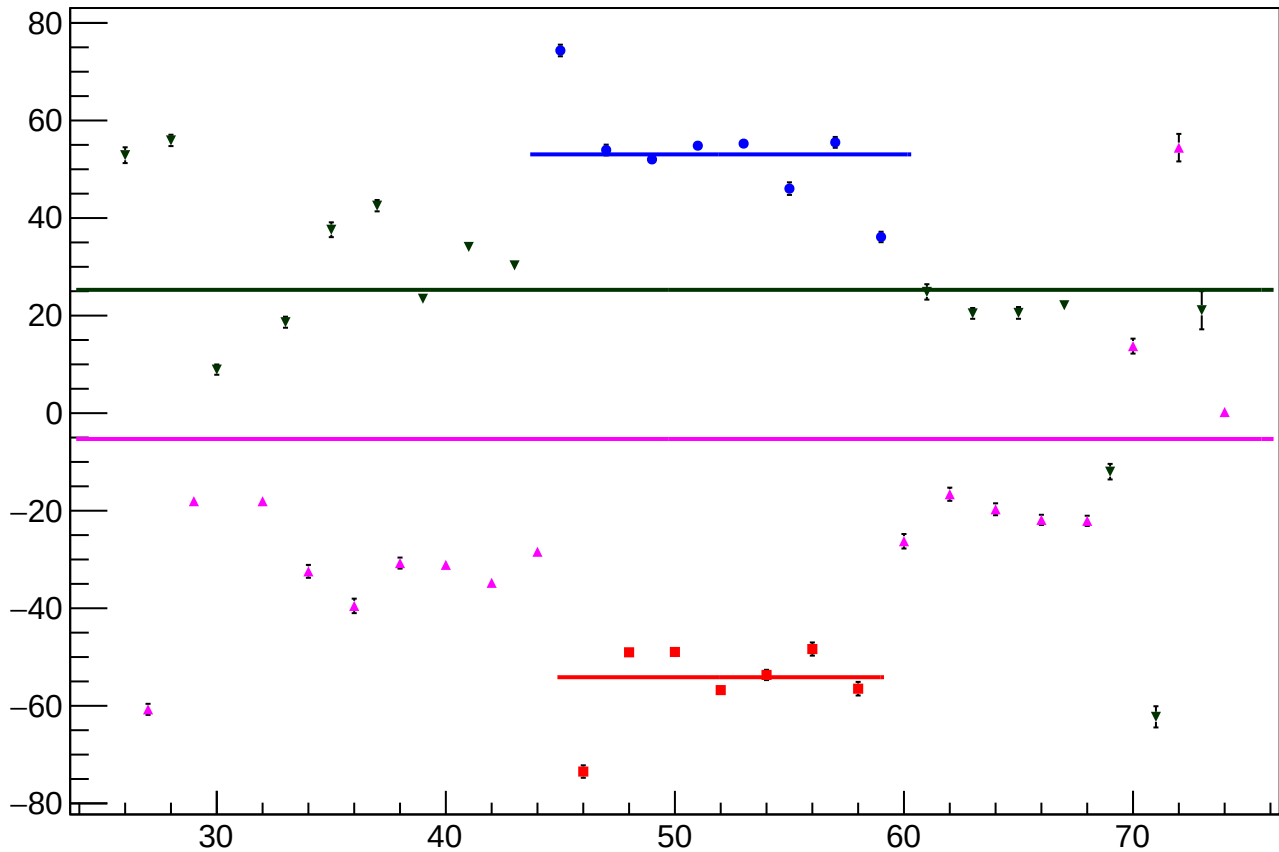
Left Out: -203.844 ± 0.089 $\chi^2/\text{NDF}: 620764.4/15$

Right Out: 311.079 ± 0.200 $\chi^2/\text{NDF}: 81733.7/6$

Left In: 13.965 ± 0.023 $\chi^2/\text{NDF}: 6002549.3/16$

-0.786 ± 0.022 $\chi^2/\text{NDF}: 18139443.1/47$

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 53.052+/-0.340 χ^2/NDF : 614.1/7

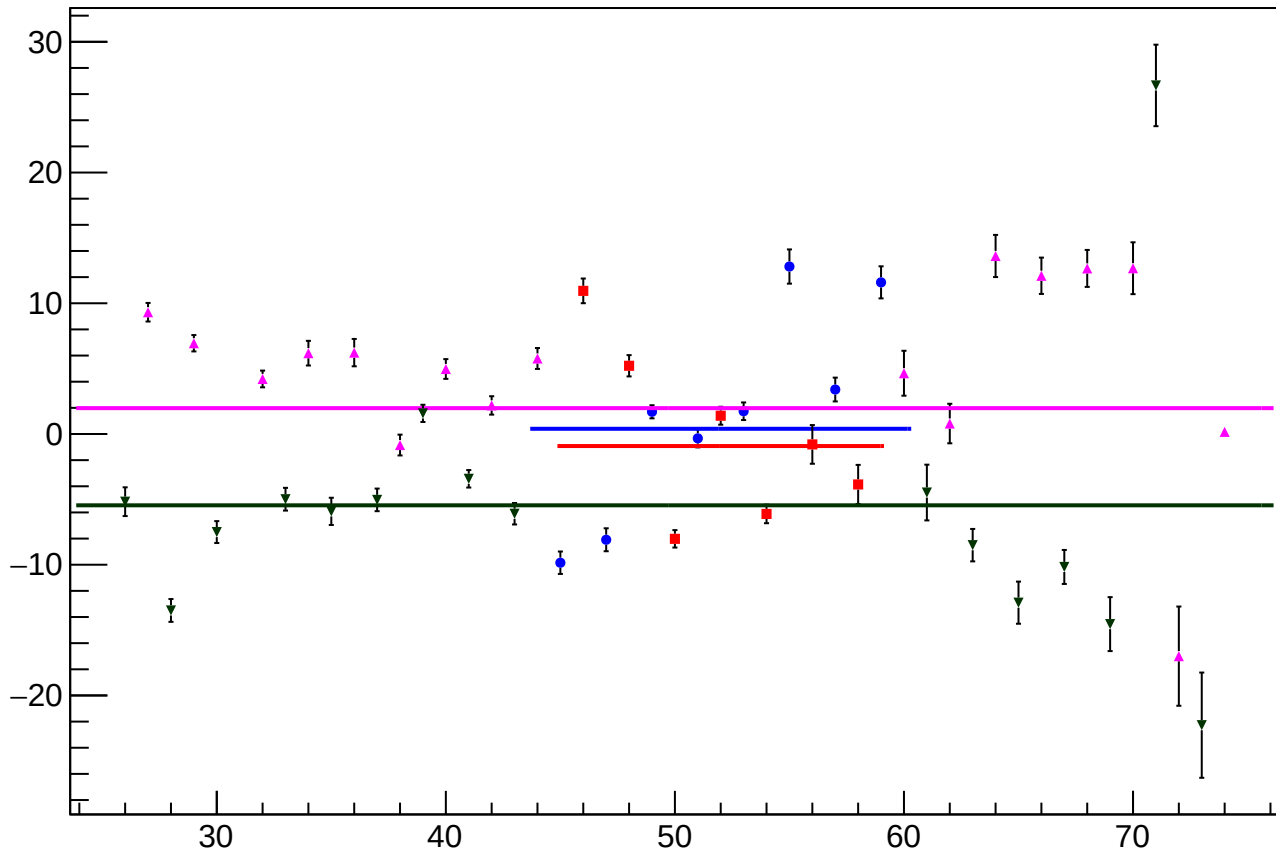
Left Out: 25.282+/-0.303 χ^2/NDF : 3875.1/15

Right Out: -54.136+/-0.409 χ^2/NDF : 320.2/6

Left In: -5.297+/-0.131 χ^2/NDF : 9342.7/16

1.212+/-0.109 χ^2/NDF : 64560.2/47

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: 0.399 ± 0.273 $\chi^2/\text{NDF}: 431.9/7$

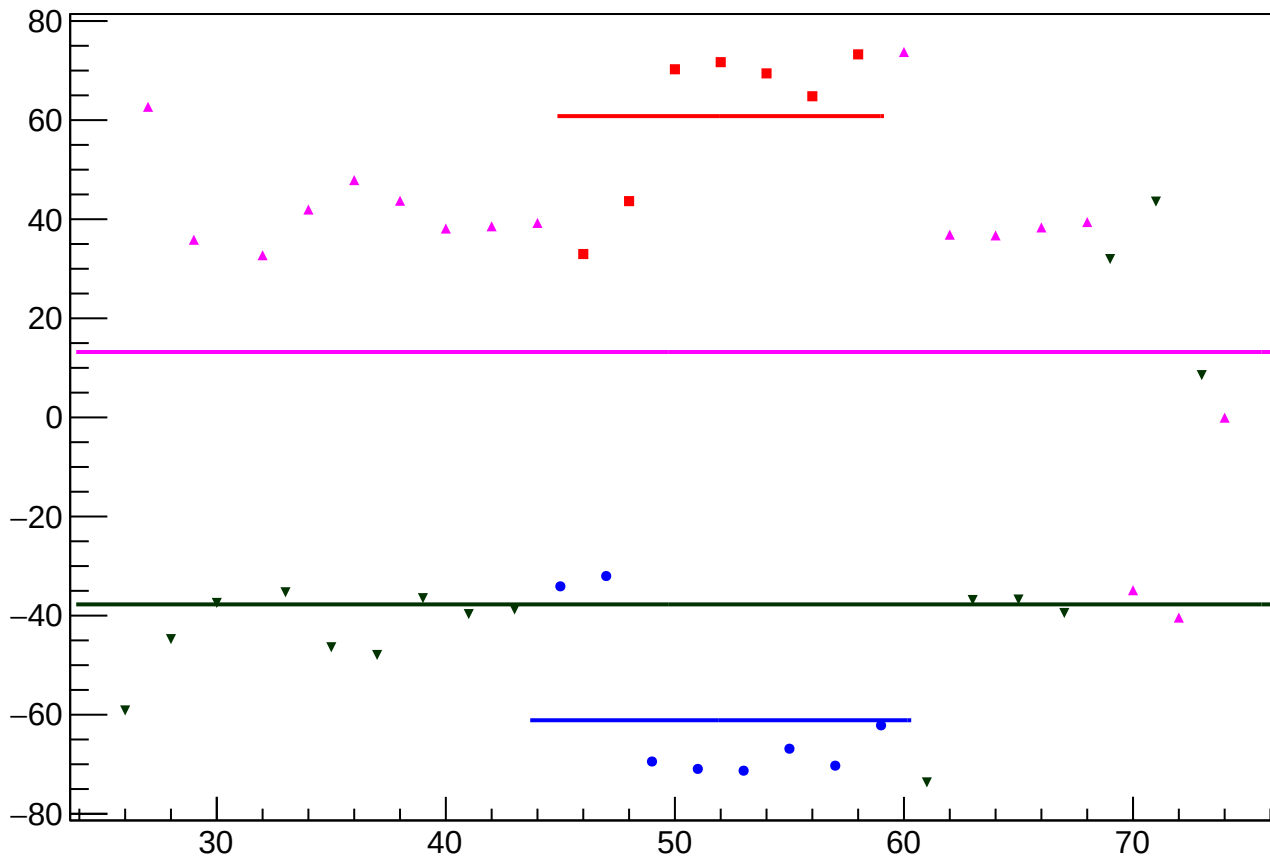
Left Out: -5.455 ± 0.255 $\chi^2/\text{NDF}: 399.2/15$

Right Out: -0.922 ± 0.318 $\chi^2/\text{NDF}: 396.8/6$

Left In: 1.978 ± 0.136 $\chi^2/\text{NDF}: 606.7/16$

0.212 ± 0.104 $\chi^2/\text{NDF}: 2512.8/47$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -61.119 $\pm$ 0.062 χ^2 /NDF: 59174.5/7

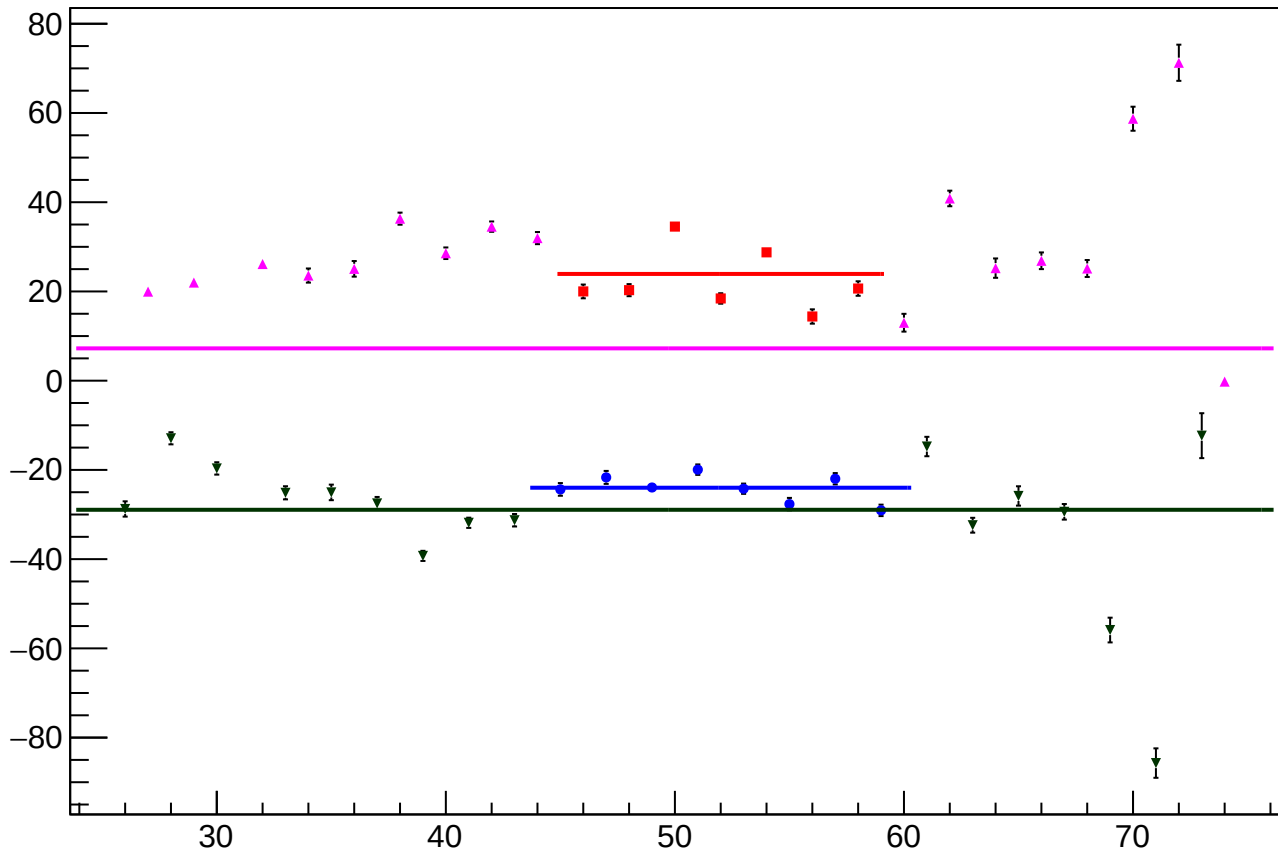
Left Out: -37.734 $\pm$ 0.051 χ^2 /NDF: 125081.2/15

Right Out: 60.807 $\pm$ 0.071 χ^2 /NDF: 43246.3/6

Left In: 13.200 $\pm$ 0.028 χ^2 /NDF: 541104.9/16

-0.768 $\pm$ 0.022 χ^2 /NDF: 3256790.1/47

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.992 ± 0.421 χ^2/NDF : 39.6/7

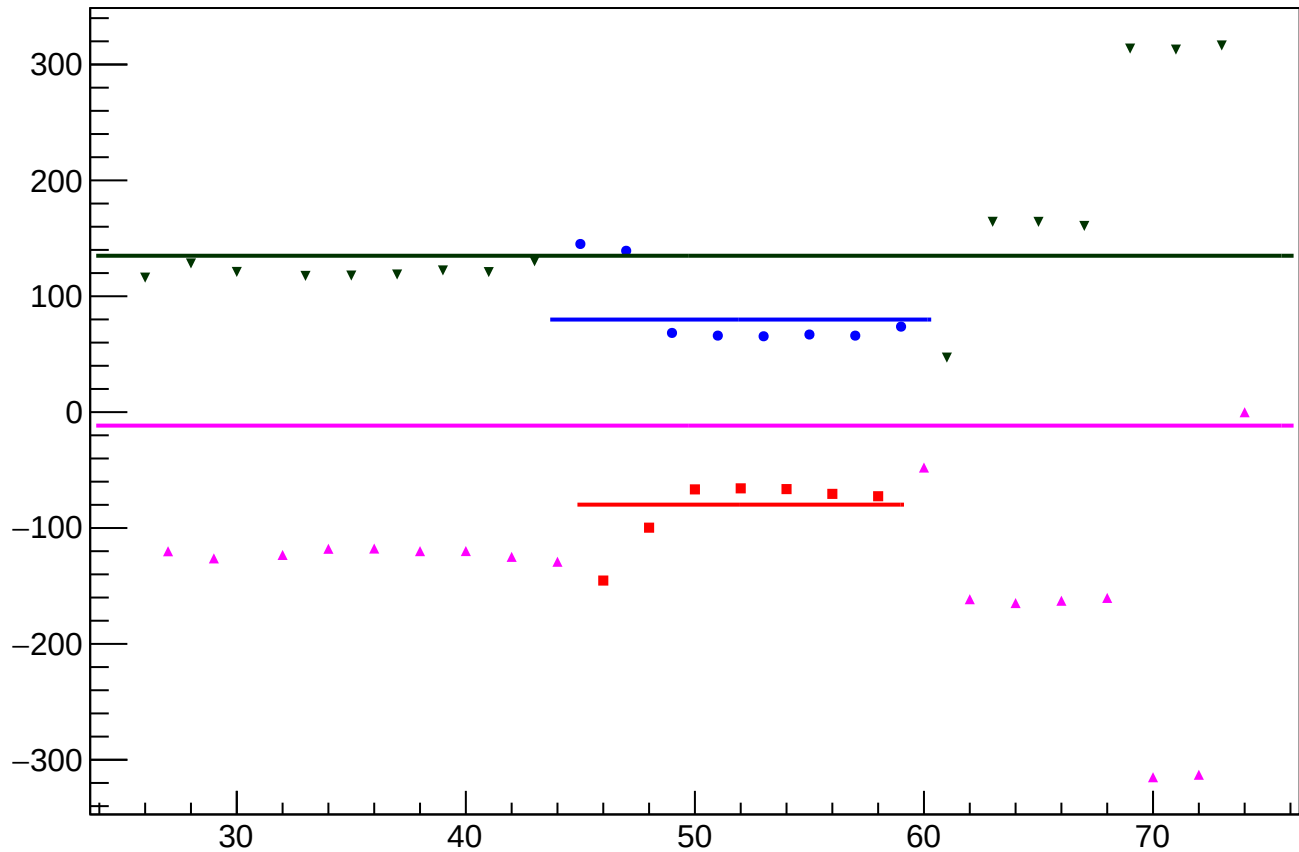
Left Out: -28.937 ± 0.405 χ^2/NDF : 738.6/15

Right Out: 23.925 ± 0.496 χ^2/NDF : 186.3/6

Left In: 7.241 ± 0.190 χ^2/NDF : 4864.7/16

-0.299 ± 0.151 χ^2/NDF : 17963.9/47

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 79.891+/-0.081 χ^2/NDF : 117019.5/7

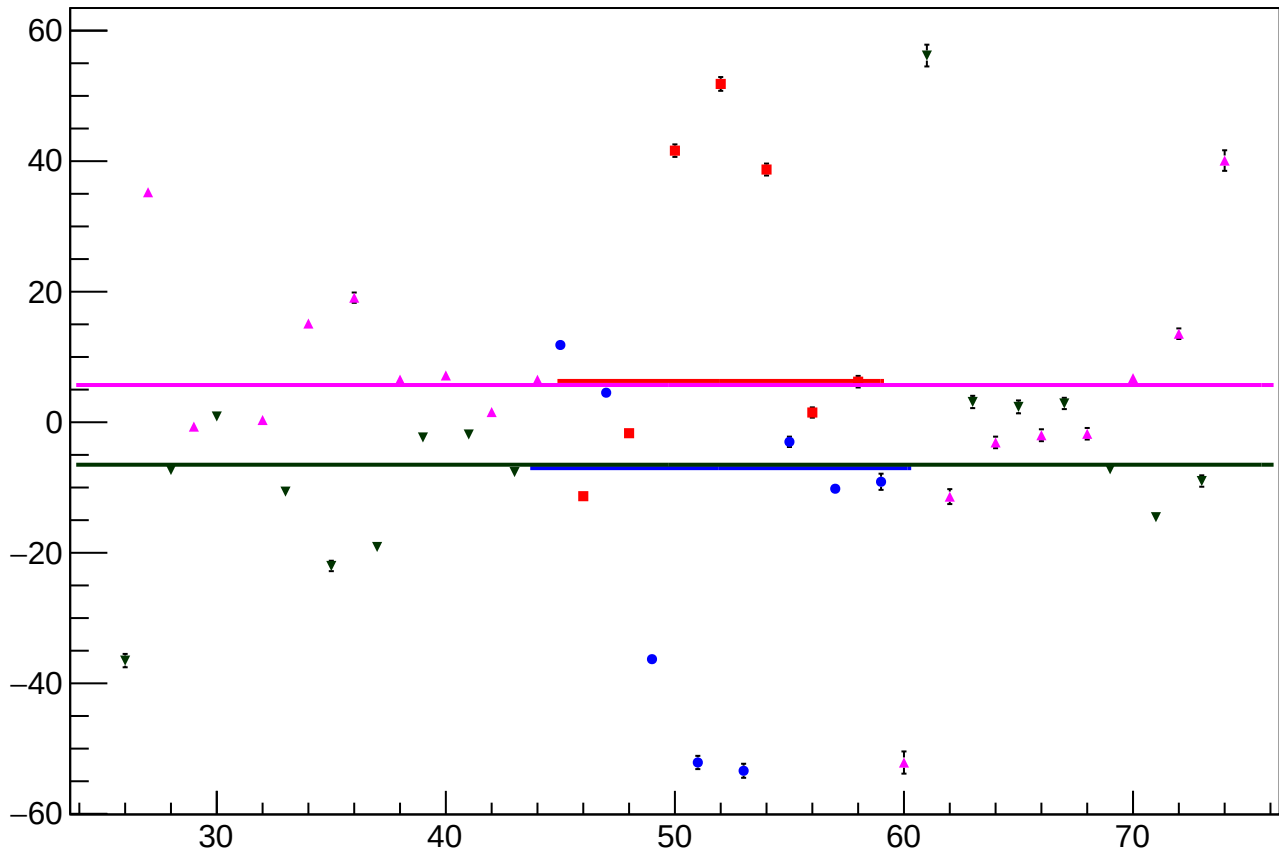
Left Out: 134.958+/-0.074 χ^2/NDF : 398693.2/15

1.301+/-0.020 χ^2/NDF : 9223344.4/47

Right Out: -79.827+/-0.092 χ^2/NDF : 67927.9/6

Left In: -11.623+/-0.022 χ^2/NDF : 3260158.2/16

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -7.033+/-0.228 χ^2/NDF : 8529.0/7

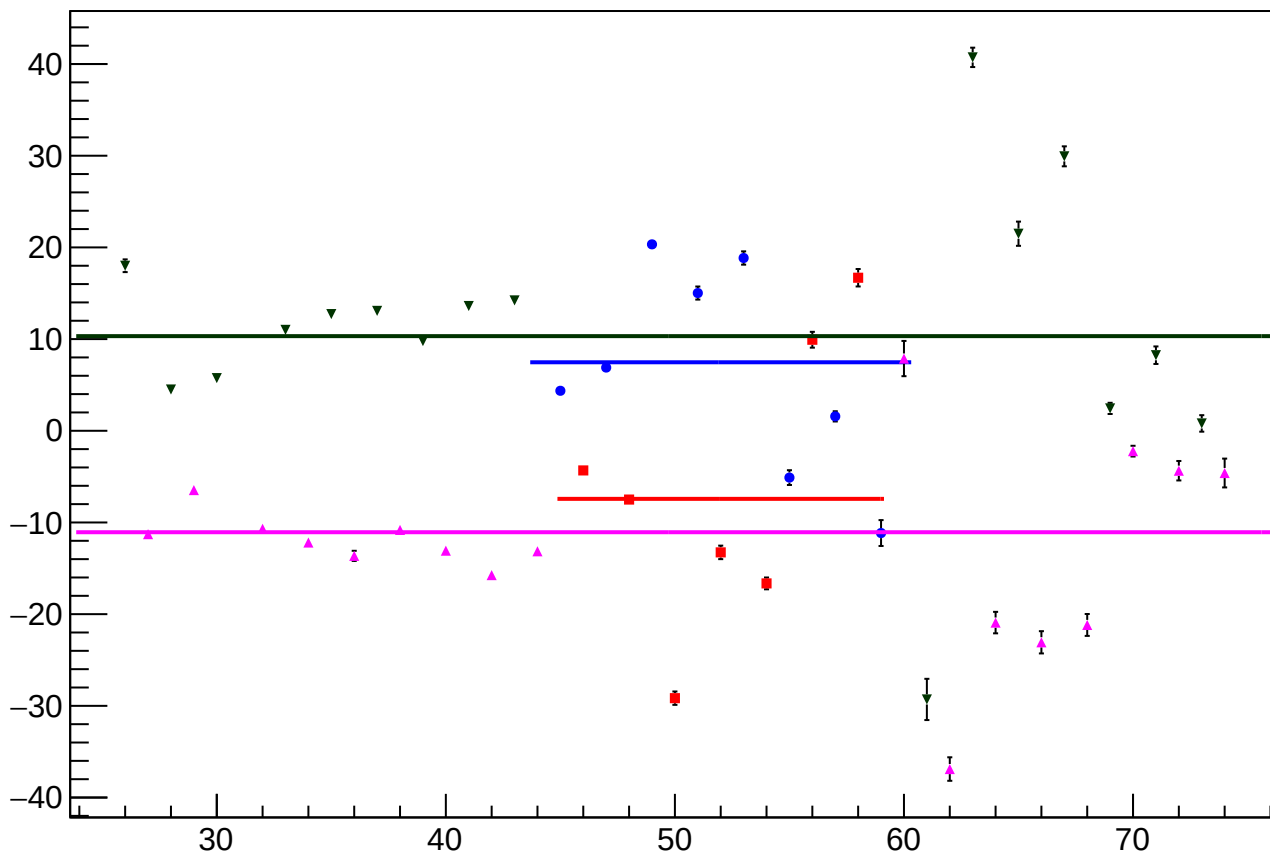
Left Out: -6.506+/-0.160 χ^2/NDF : 3829.2/15

Right Out: 6.331+/-0.261 χ^2/NDF : 6110.8/6

Left In: 5.705+/-0.150 χ^2/NDF : 5652.4/16

-0.380+/-0.092 χ^2/NDF : 28731.8/47

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 7.471 $\pm$ 0.179 χ^2 /NDF: 1571.0/7

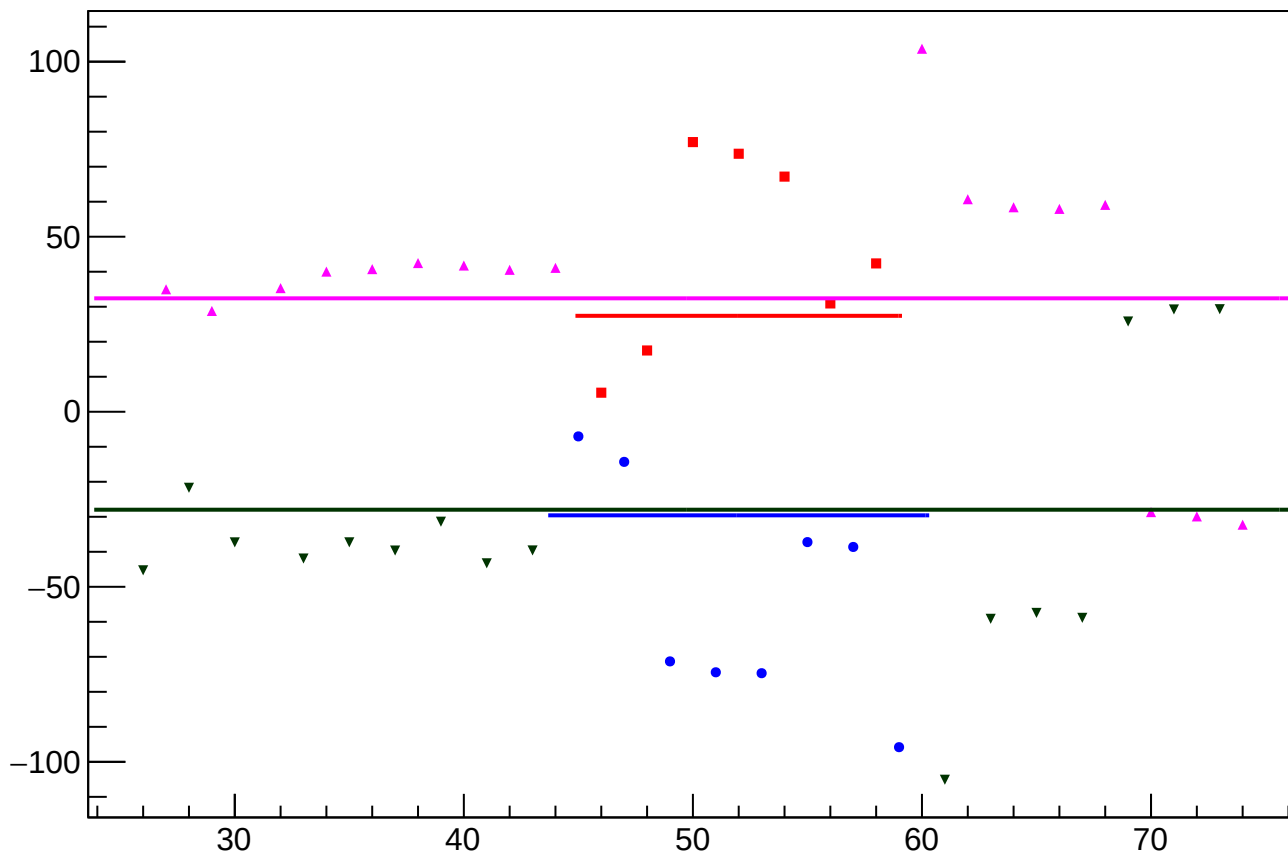
Left Out: 10.323 $\pm$ 0.133 χ^2 /NDF: 2583.2/15

Right Out: -7.424 $\pm$ 0.210 χ^2 /NDF: 2276.3/6

Left In: -11.064 $\pm$ 0.123 χ^2 /NDF: 1544.9/16

-0.508 $\pm$ 0.075 χ^2 /NDF: 25070.7/47

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -29.587 ± 0.039 $\chi^2/\text{NDF}: 463500.4/7$

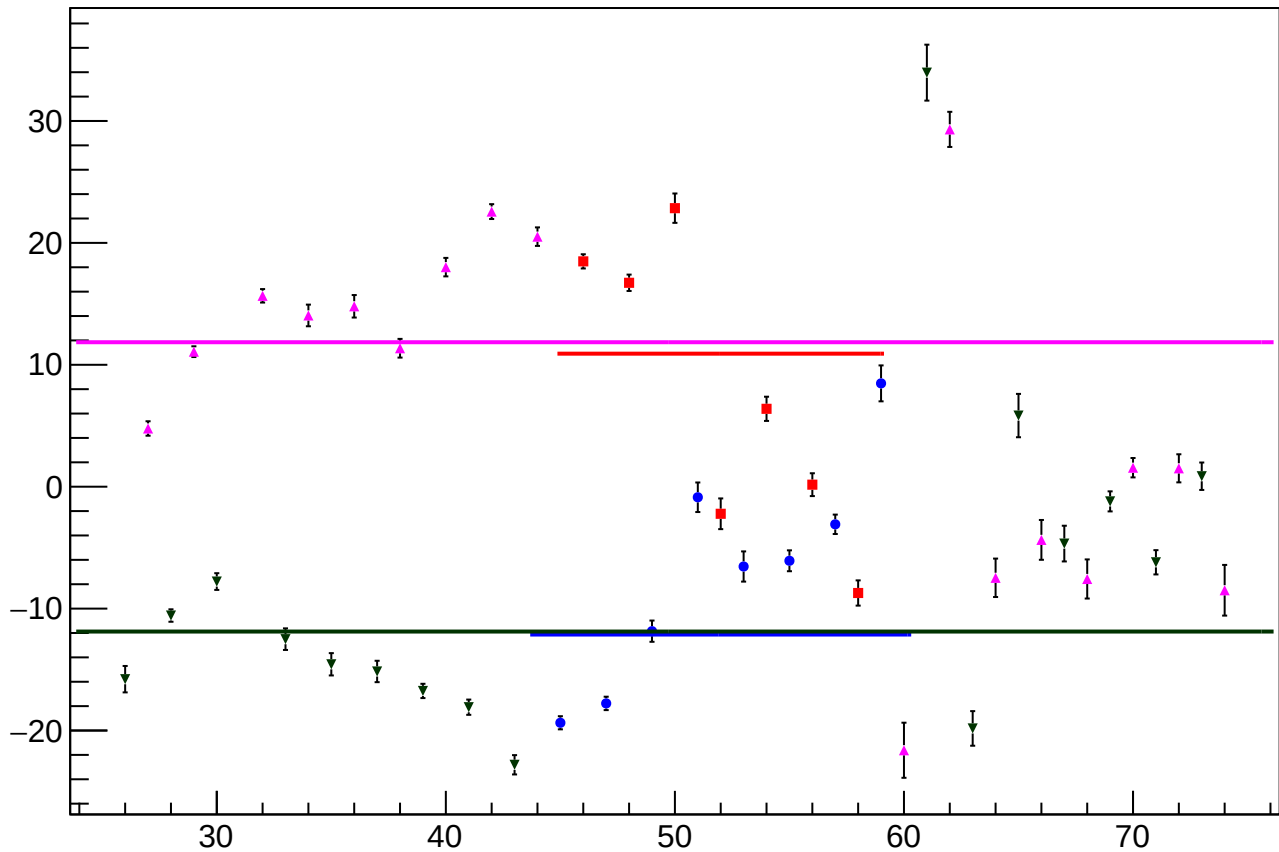
Left Out: -27.979 ± 0.028 $\chi^2/\text{NDF}: 950669.2/15$

1.429 ± 0.016 $\chi^2/\text{NDF}: 6111538.0/47$

Right Out: 27.405 ± 0.044 $\chi^2/\text{NDF}: 323295.6/6$

Left In: 32.399 ± 0.026 $\chi^2/\text{NDF}: 863048.9/16$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -12.127 ± 0.279 χ^2/NDF : 767.4/7

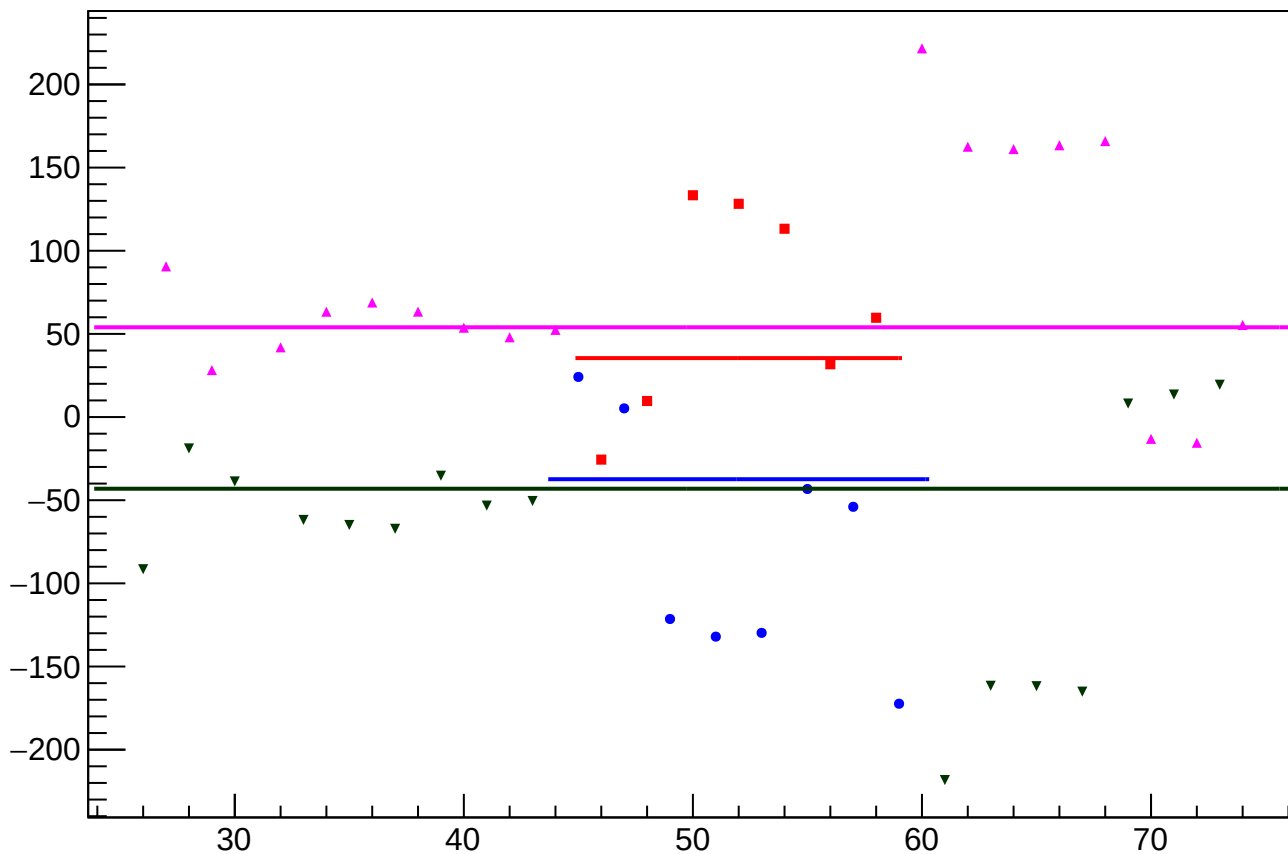
Left Out: -11.882 ± 0.211 χ^2/NDF : 1319.8/15

Right Out: 10.913 ± 0.323 χ^2/NDF : 963.0/6

Left In: 11.851 ± 0.196 χ^2/NDF : 1820.3/16

-0.126 ± 0.119 χ^2/NDF : 14705.0/47

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -37.370 $\pm$ 0.055 χ^2 /NDF: 1308529.1/7

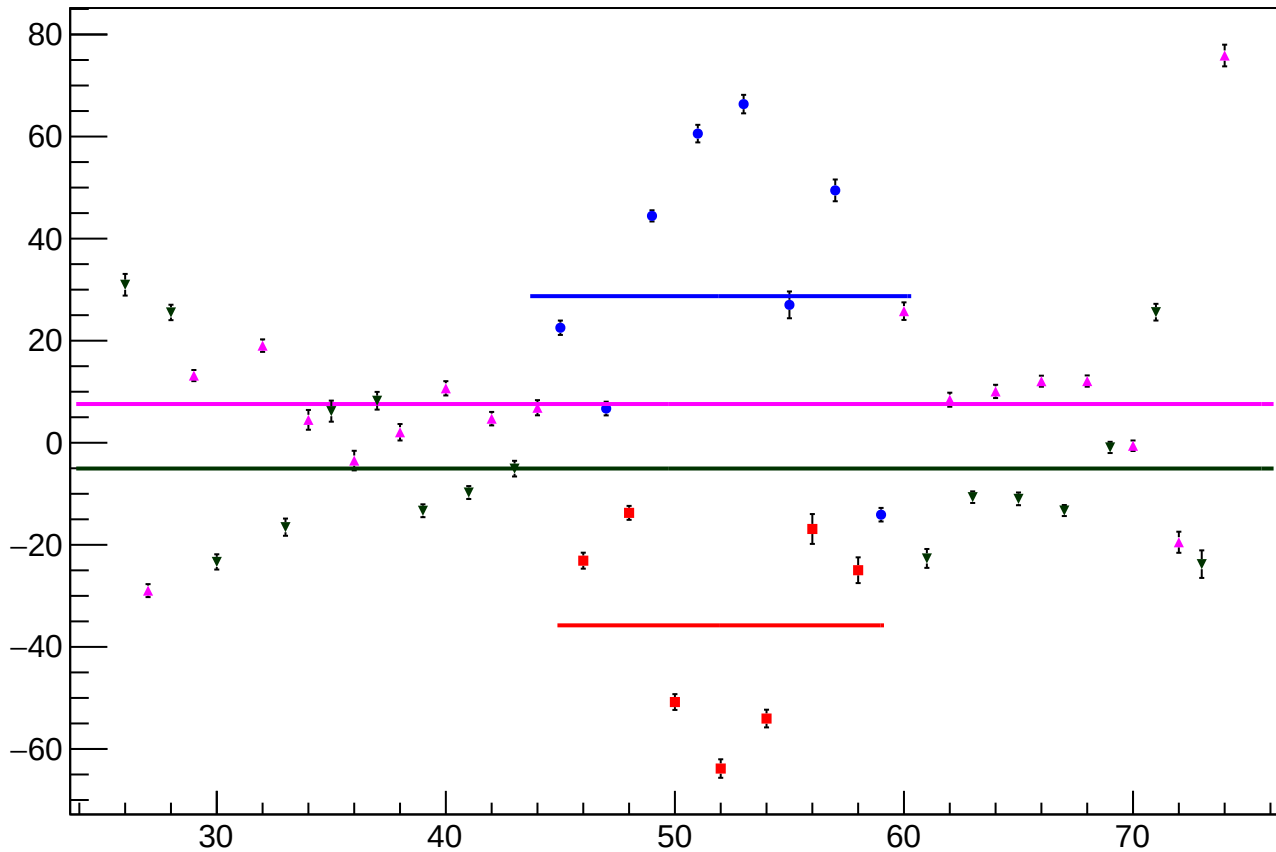
Left Out: -43.094 $\pm$ 0.038 χ^2 /NDF:1329535.1/15

1.072 $\pm$ 0.023 χ^2 /NDF: 8715081.1/47

Right Out: 35.443 $\pm$ 0.061 χ^2 /NDF: 852422.5/6

Left In: 53.982 $\pm$ 0.039 χ^2 /NDF:1252601.1/16

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 28.727 ± 0.538 χ^2/NDF : 2398.4/7

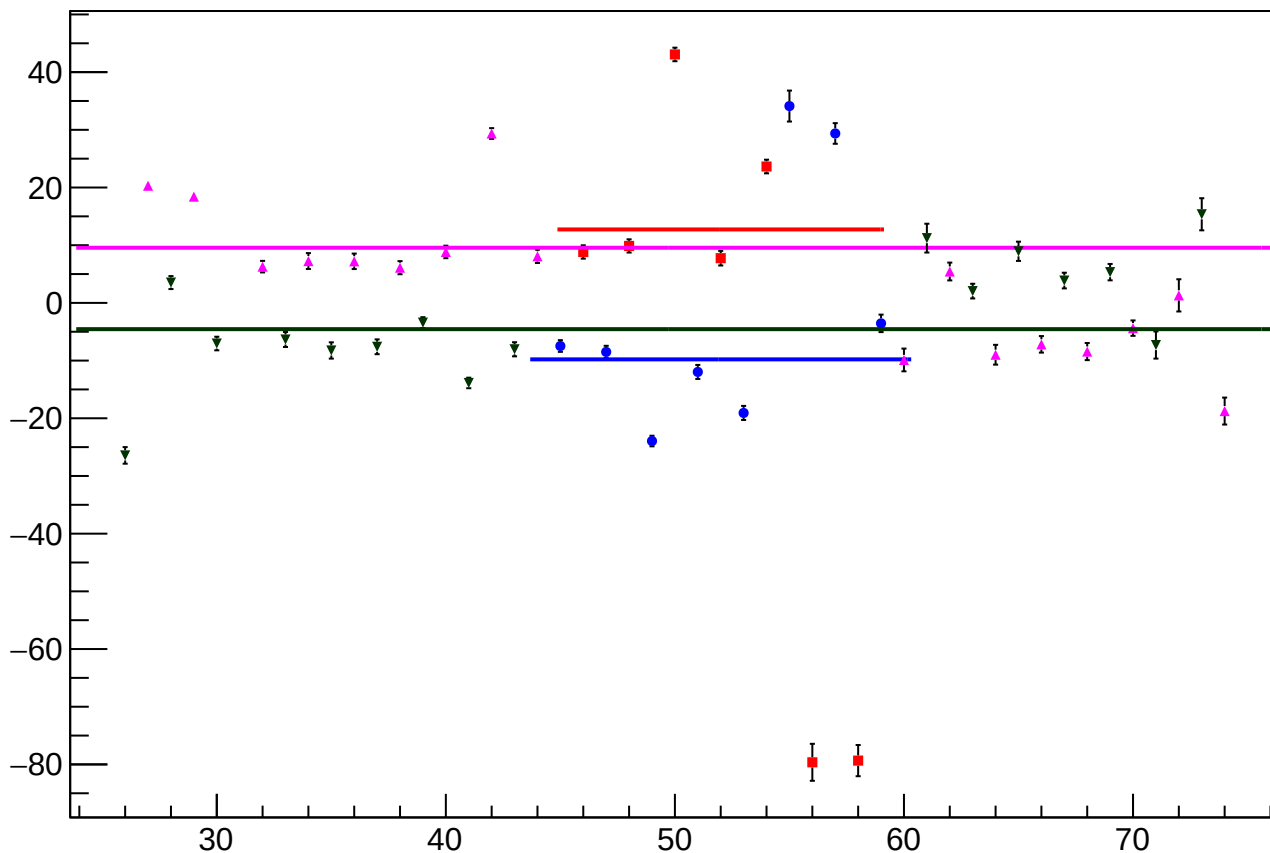
Left Out: -5.047 ± 0.363 χ^2/NDF : 1647.7/15

Right Out: -35.777 ± 0.664 χ^2/NDF : 830.1/6

Left In: 7.590 ± 0.331 χ^2/NDF : 2415.7/16

2.182 ± 0.211 χ^2/NDF : 13666.1/47

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -9.790+/-0.436 χ^2/NDF : 1068.6/7

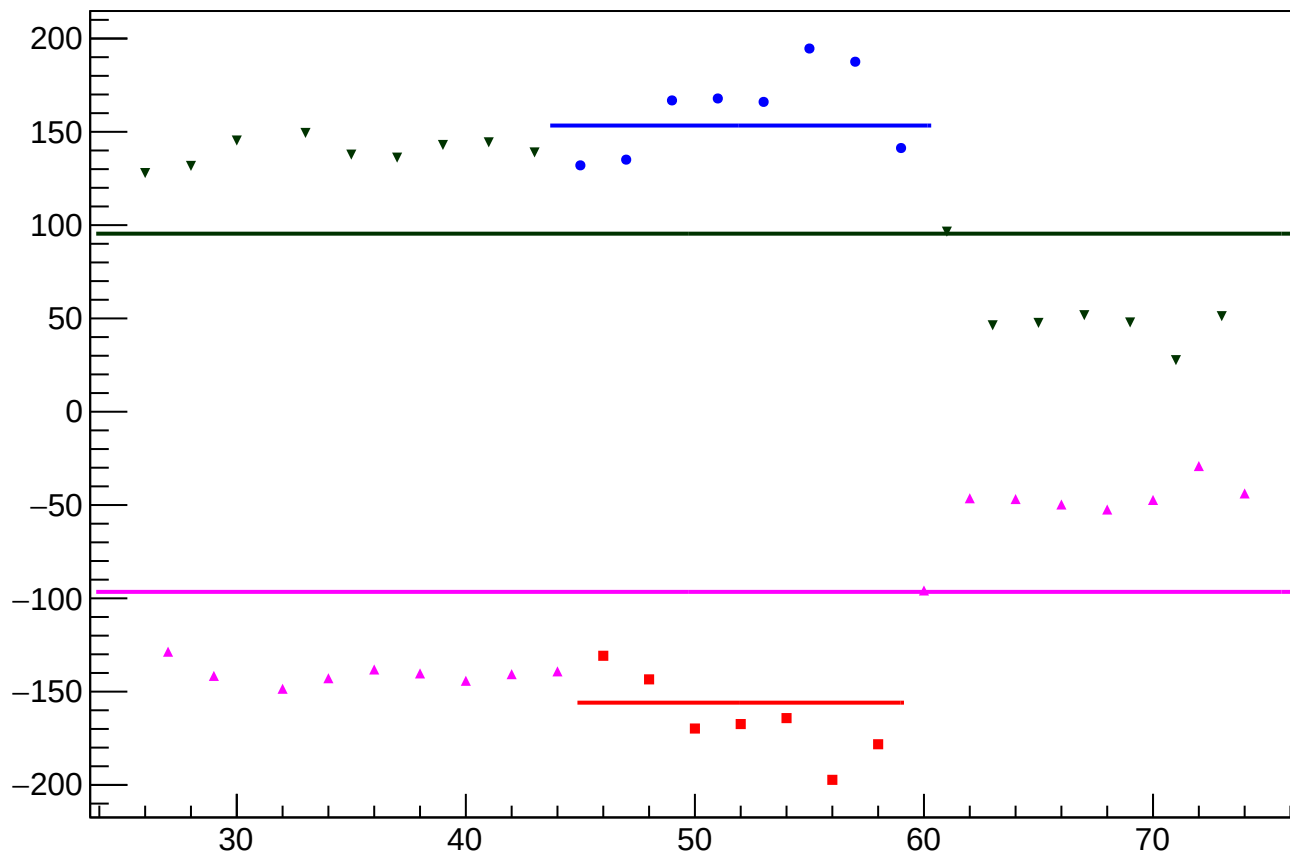
Left Out: -4.551+/-0.330 χ^2/NDF : 687.2/15

Right Out: 12.734+/-0.513 χ^2/NDF : 2775.9/6

Left In: 9.560+/-0.294 χ^2/NDF : 1556.1/16

2.202+/-0.183 χ^2/NDF : 8311.2/47

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 153.368 ± 0.096 χ^2/NDF : 42251.3/7

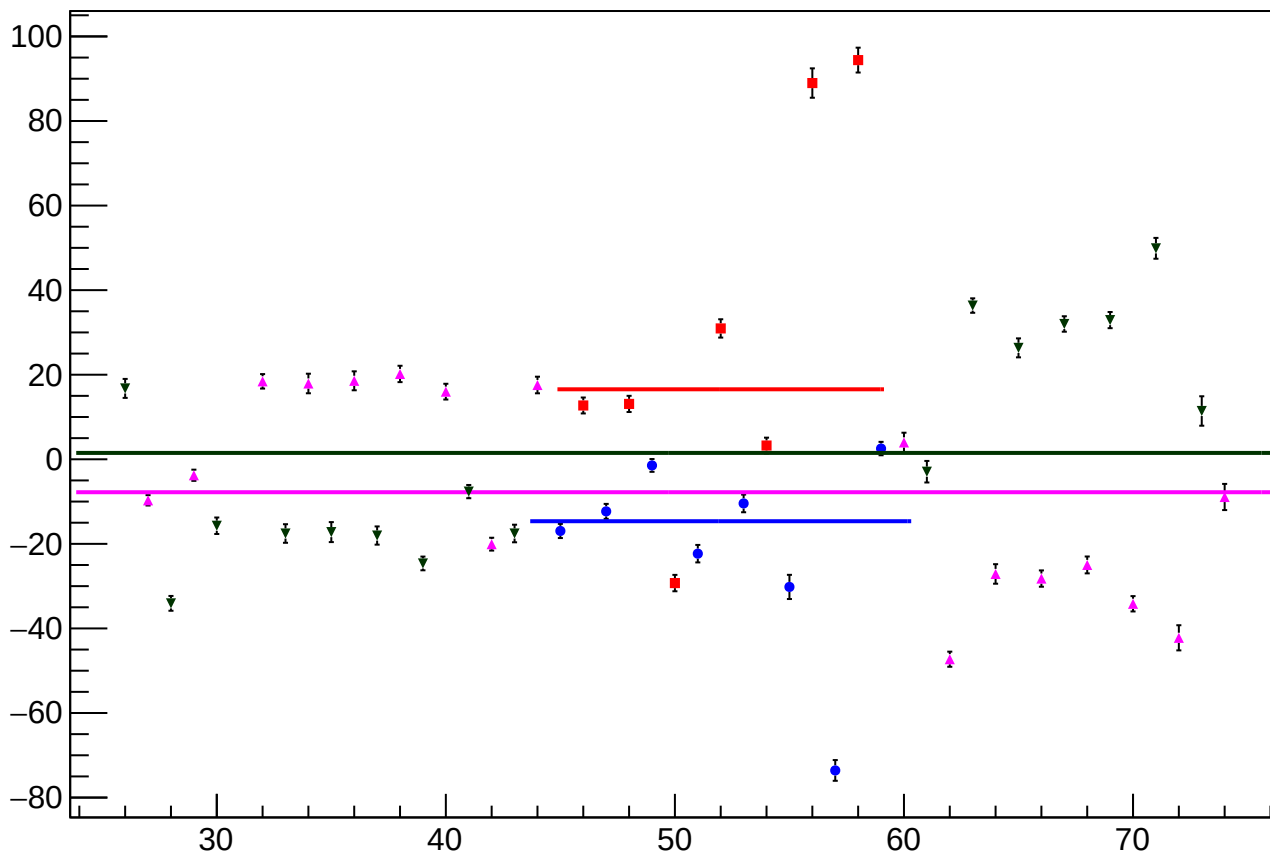
Left Out: 95.424 ± 0.062 χ^2/NDF : 563838.5/15

Right Out: -155.911 ± 0.114 χ^2/NDF : 27550.0/6

Left In: -96.544 ± 0.057 χ^2/NDF : 643378.2/16

0.104 ± 0.036 χ^2/NDF : 10944991.1/47

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.646 ± 0.665 χ^2/NDF : 822.1/7

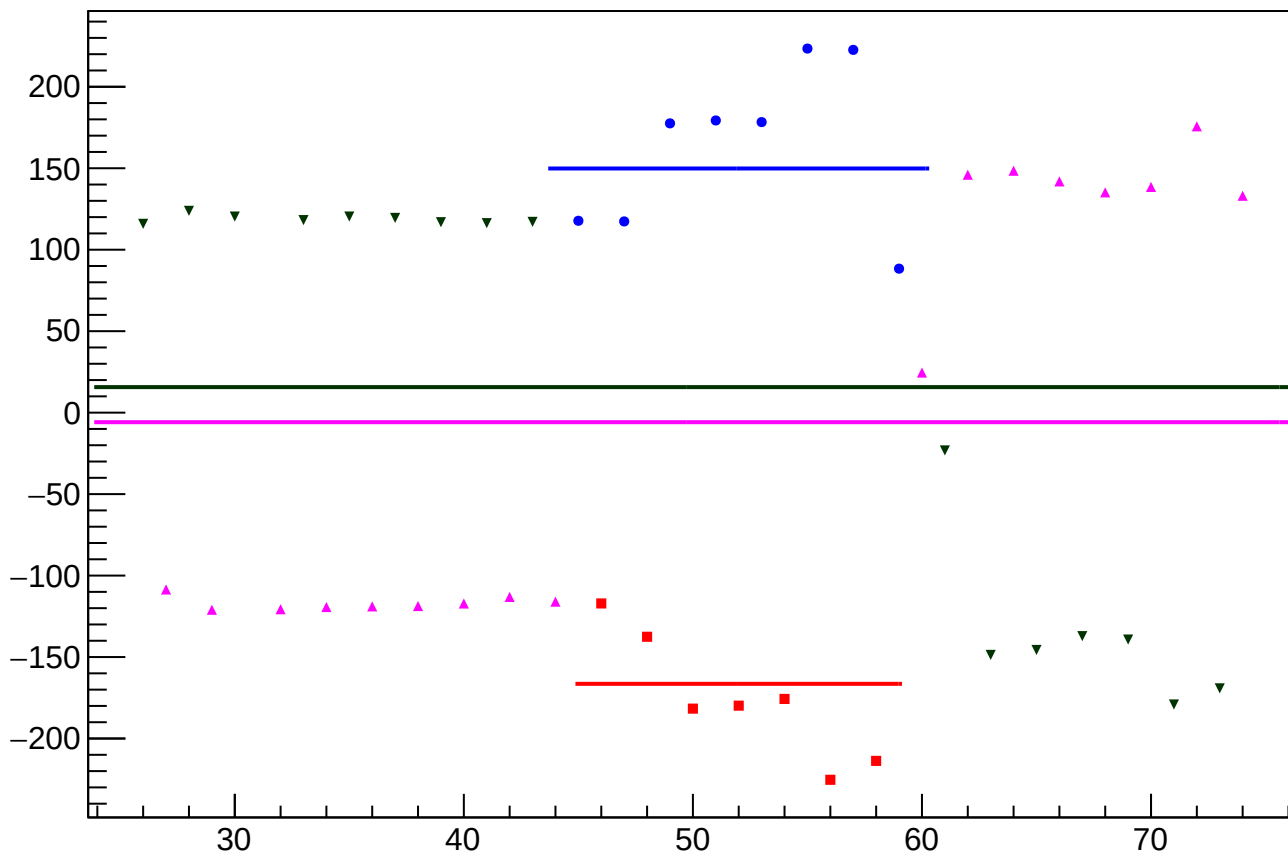
Left Out: 1.507 ± 0.505 χ^2/NDF : 2617.9/15

Right Out: 16.551 ± 0.811 χ^2/NDF : 1797.9/6

Left In: -7.789 ± 0.450 χ^2/NDF : 2227.9/16

-3.204 ± 0.281 χ^2/NDF : 8546.6/47

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 149.851+/-0.128 χ^2/NDF : 120505.1/7

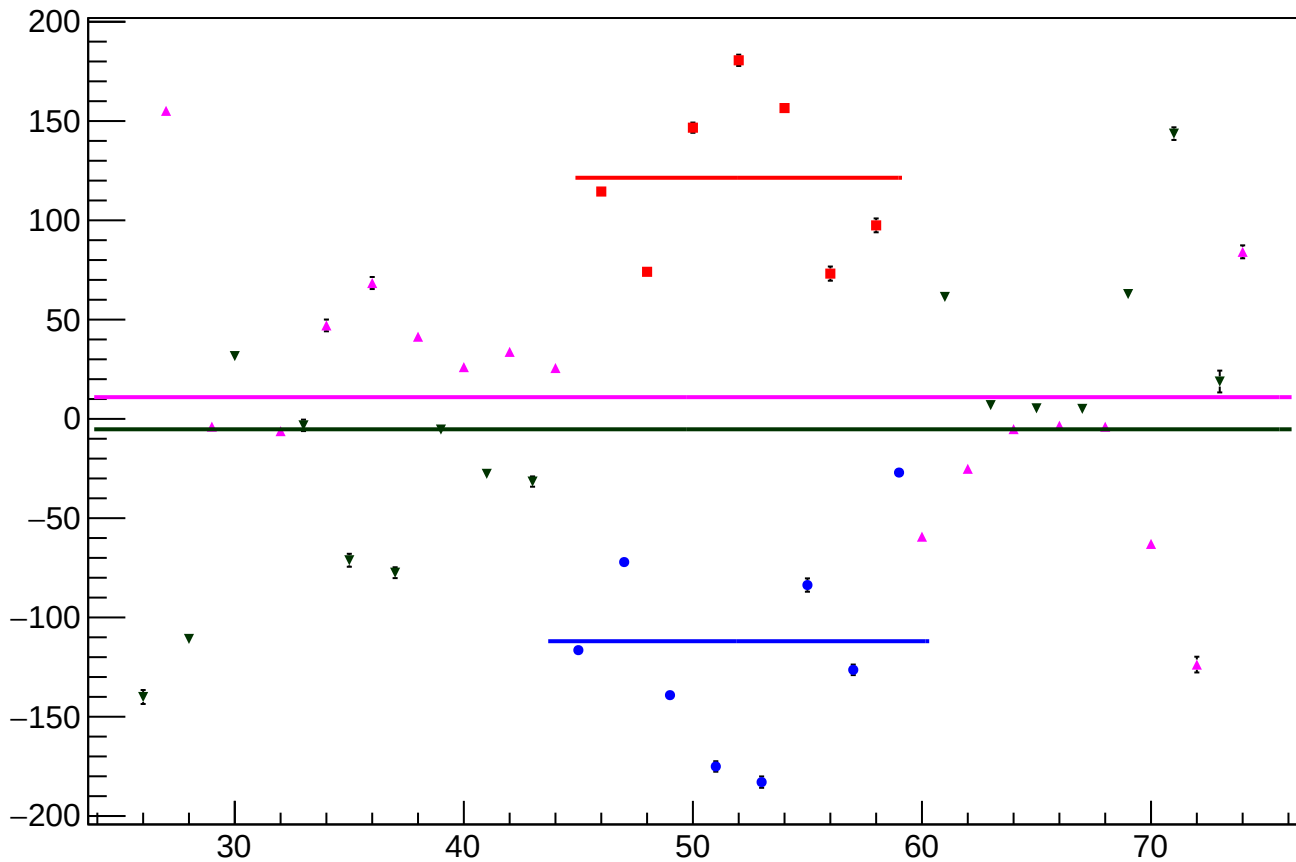
Left Out: 15.671+/-0.091 χ^2/NDF : 2006940.5/15

Right Out: -166.438+/-0.153 χ^2/NDF : 45494.4/6

Left In: -5.861+/-0.087 χ^2/NDF : 2081806.3/16

8.823+/-0.053 χ^2/NDF : 6820446.3/47

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -111.964 ± 0.811 χ^2/NDF : 3442.9/7

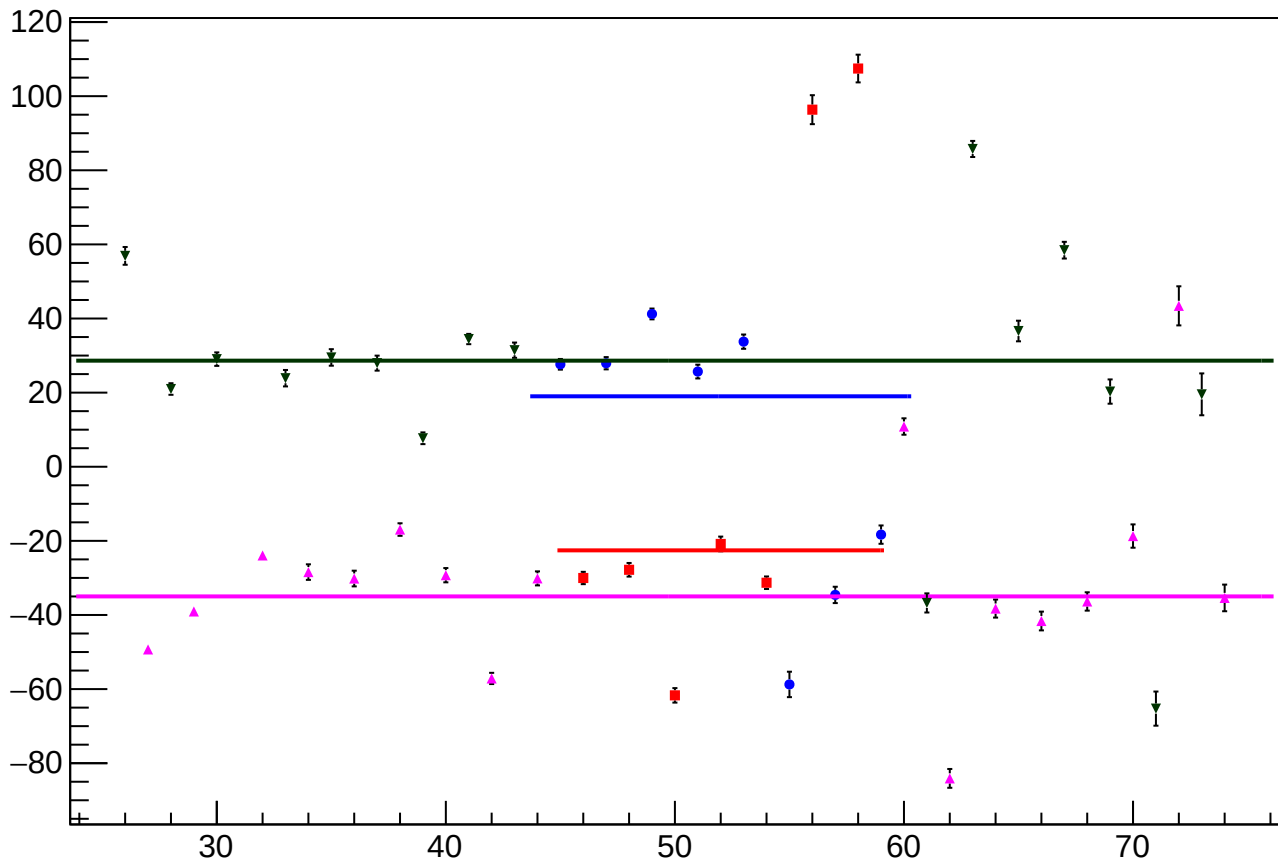
Left Out: -5.240 ± 0.593 χ^2/NDF : 9785.6/15

Right Out: 121.438 ± 0.997 χ^2/NDF : 1439.9/6

Left In: 10.941 ± 0.524 χ^2/NDF : 11014.8/16

-2.553 ± 0.333 χ^2/NDF : 60012.6/47

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 19.008+/-0.655 χ^2 /NDF: 1701.0/7

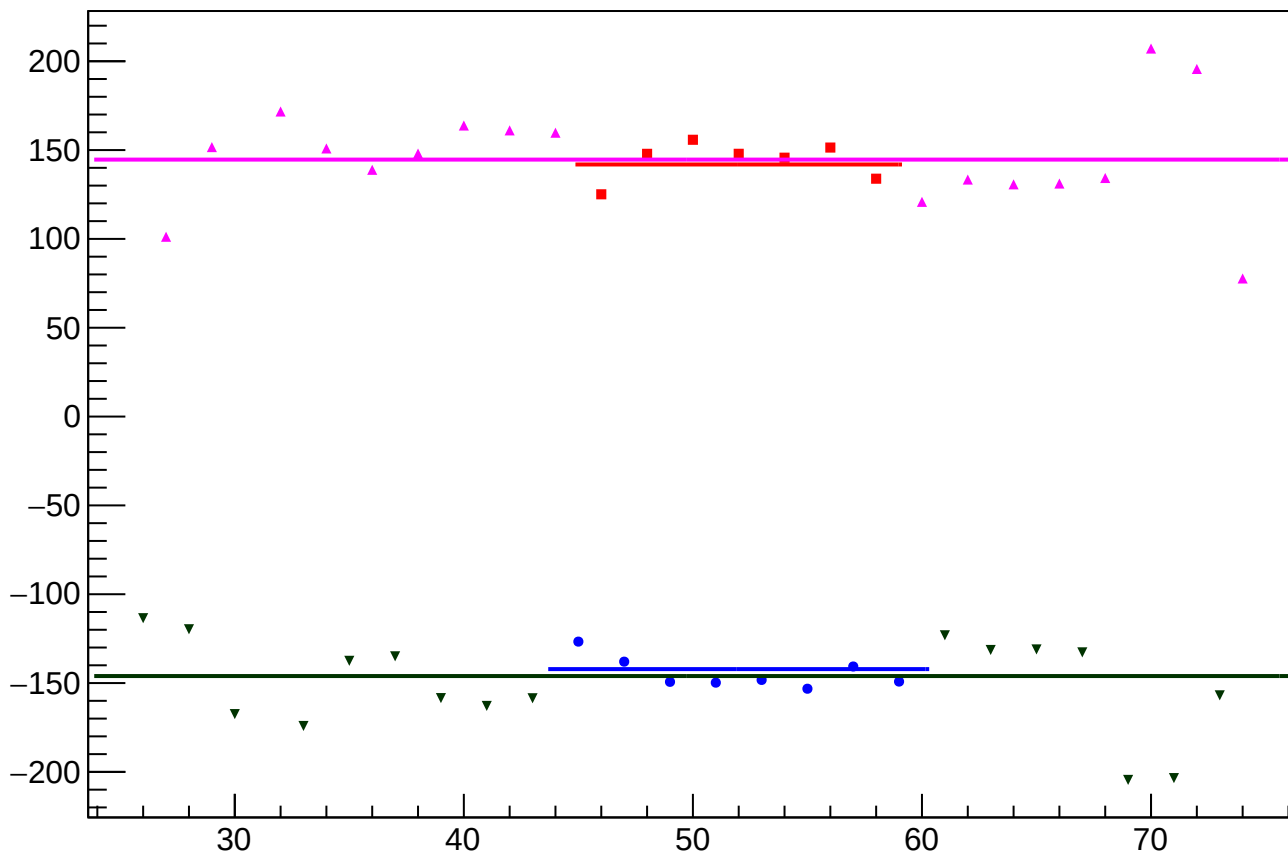
Left Out: 28.627+/-0.531 χ^2 /NDF:2303.4/15

Right Out: -22.564+/-0.776 χ^2 /NDF: 2589.2/6

Left In: -34.989+/-0.455 χ^2 /NDF:1638.3/16

-4.892+/-0.284 χ^2 /NDF: 18431.1/47

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -142.143+/-0.144 χ^2/NDF : 3998.8/7

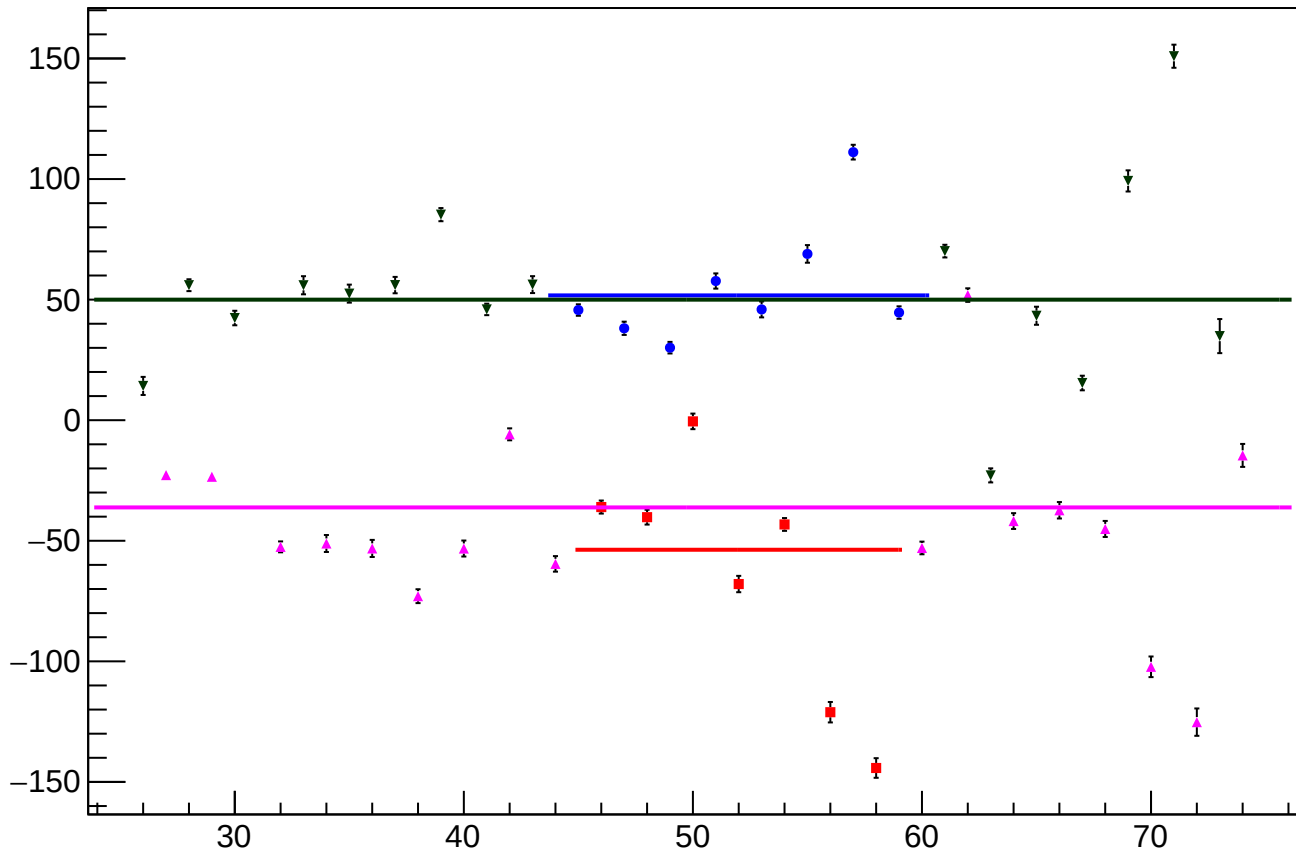
Left Out: -146.052+/-0.101 χ^2/NDF : 54952.0/15

Right Out: 141.888+/-0.169 χ^2/NDF : 4132.1/6

Left In: 144.638+/-0.090 χ^2/NDF : 73808.4/16

5.559+/-0.057 χ^2/NDF : 6530664.5/47

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 51.751+/-0.997 χ^2/NDF : 526.8/7

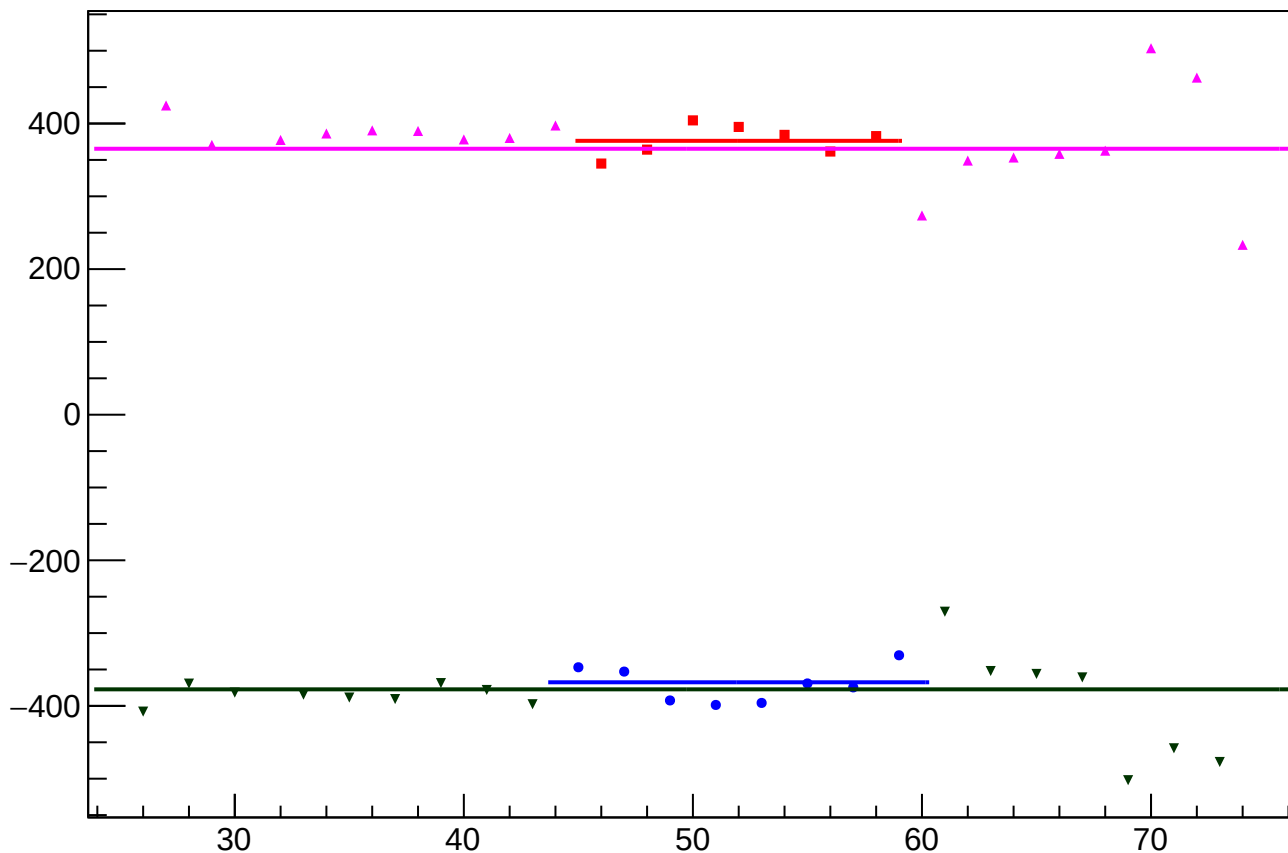
Left Out: 49.985+/-0.810 χ^2/NDF : 1673.7/15

3.295+/-0.436 χ^2/NDF : 16542.7/47

Right Out: -53.724+/-1.209 χ^2/NDF : 1114.8/6

Left In: -36.171+/-0.698 χ^2/NDF : 2118.0/16

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -367.583+/-0.193 χ^2/NDF : 16139.1/7

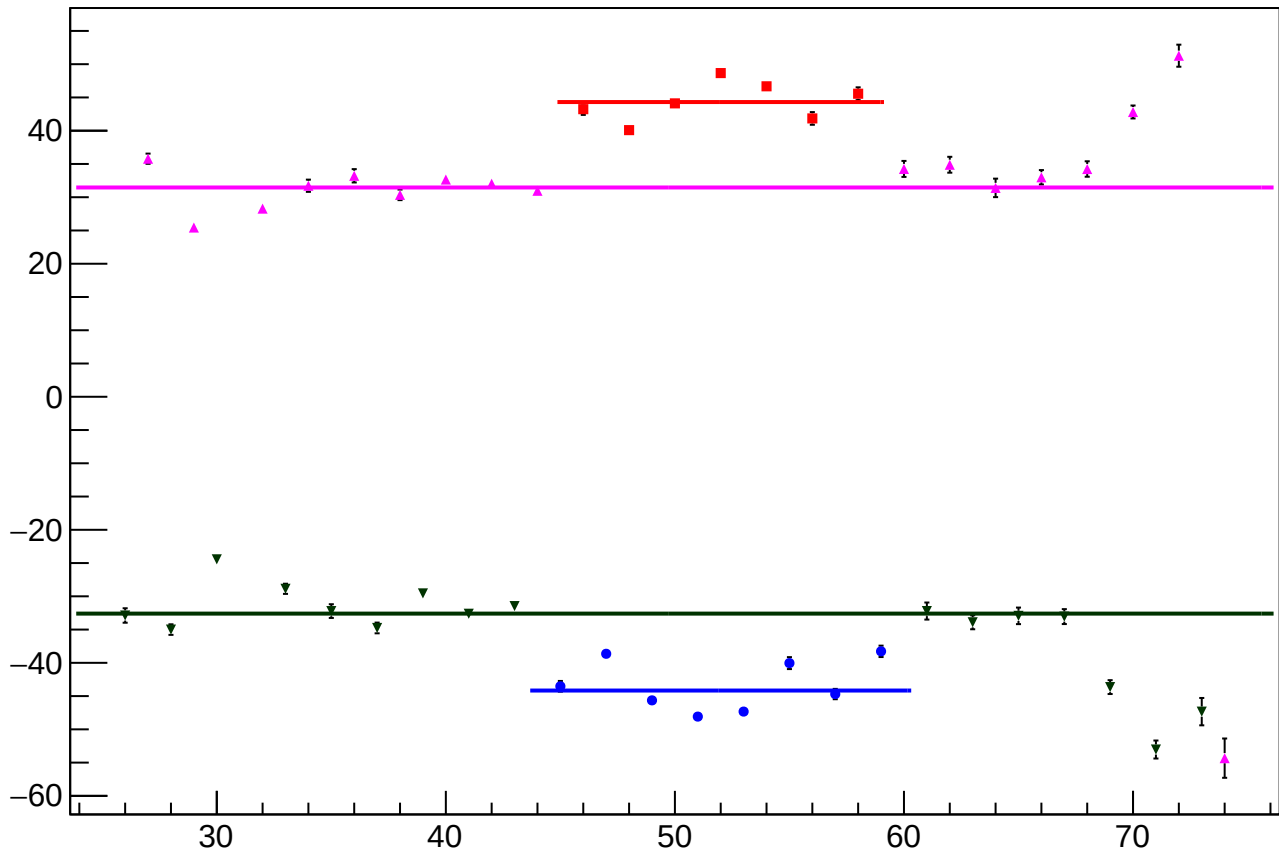
Left Out: -377.270+/-0.149 χ^2/NDF : 98717.2/15

Right Out: 376.230+/-0.230 χ^2/NDF : 7920.2/6

Left In: 365.338+/-0.137 χ^2/NDF : 175442.6/16

-1.850+/-0.083 χ^2/NDF : 20104009.4/47

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.166 ± 0.236 $\chi^2/\text{NDF}: 195.9/7$

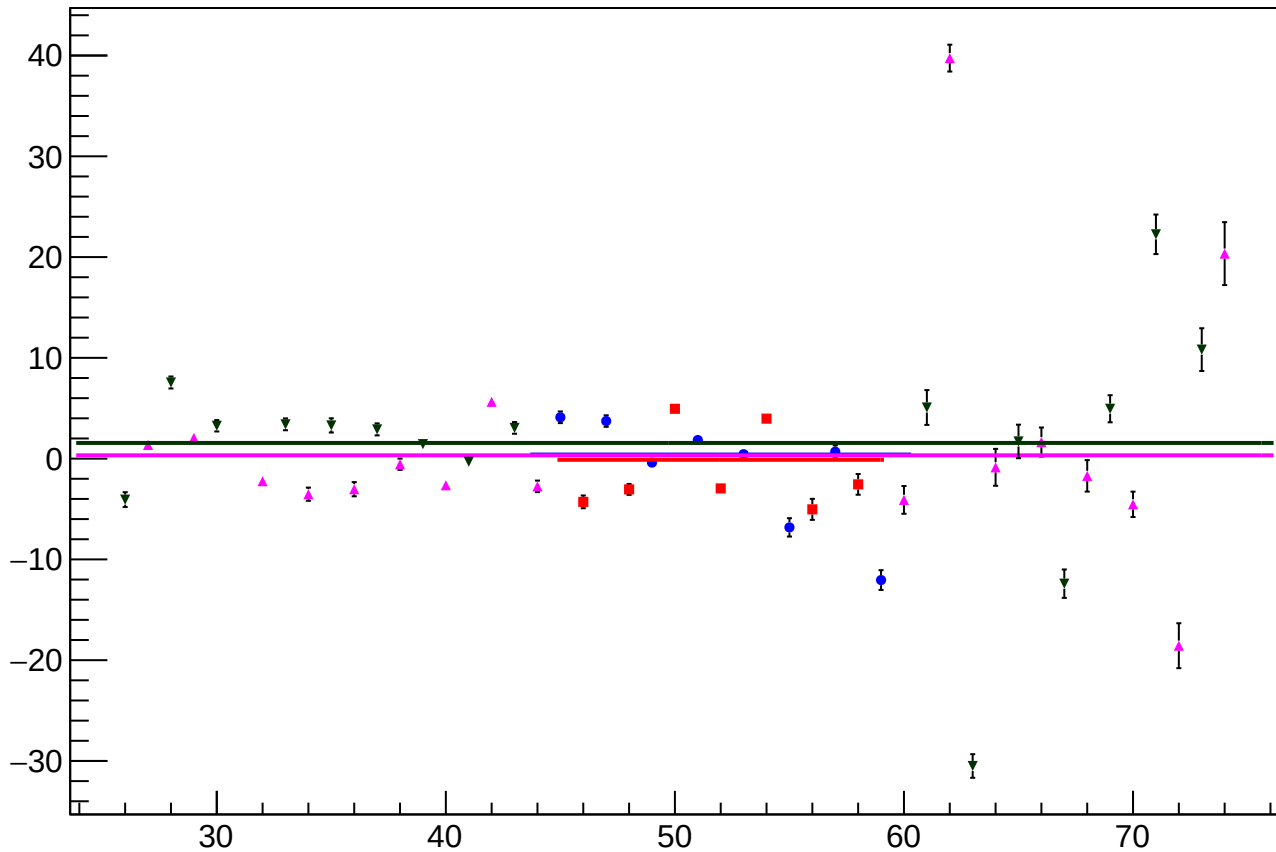
Left Out: -32.600 ± 0.221 $\chi^2/\text{NDF}: 594.3/15$

Right Out: 44.308 ± 0.281 $\chi^2/\text{NDF}: 104.6/6$

Left In: 31.463 ± 0.209 $\chi^2/\text{NDF}: 1327.3/16$

-2.347 ± 0.116 $\chi^2/\text{NDF}: 105913.4/47$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.402 ± 0.189 $\chi^2/\text{NDF}: 313.6/7$

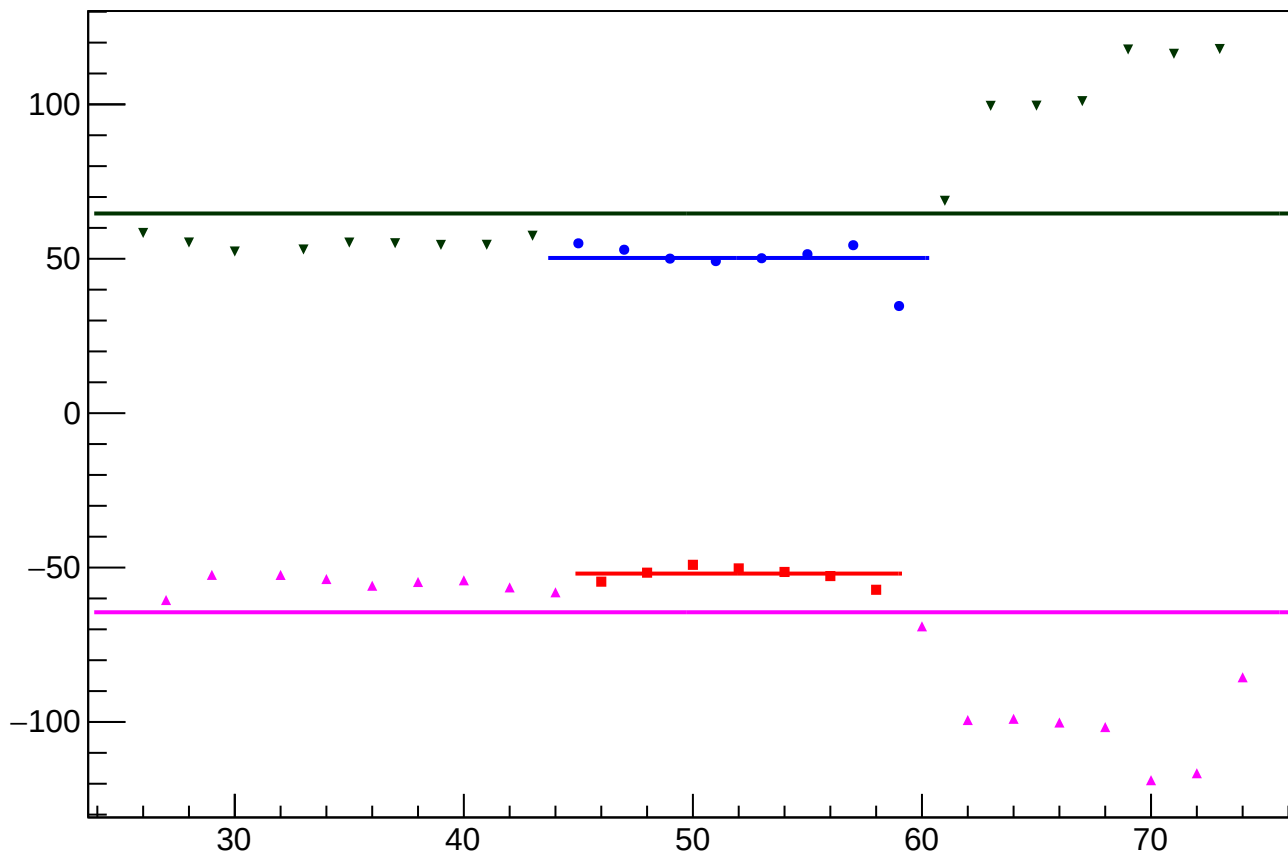
Left Out: 1.556 ± 0.179 $\chi^2/\text{NDF}: 1200.3/15$

Right Out: -0.115 ± 0.219 $\chi^2/\text{NDF}: 322.0/6$

Left In: 0.329 ± 0.166 $\chi^2/\text{NDF}: 1309.4/16$

0.595 ± 0.093 $\chi^2/\text{NDF}: 3188.3/47$

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 50.263+/-0.043 χ^2/NDF : 12981.7/7

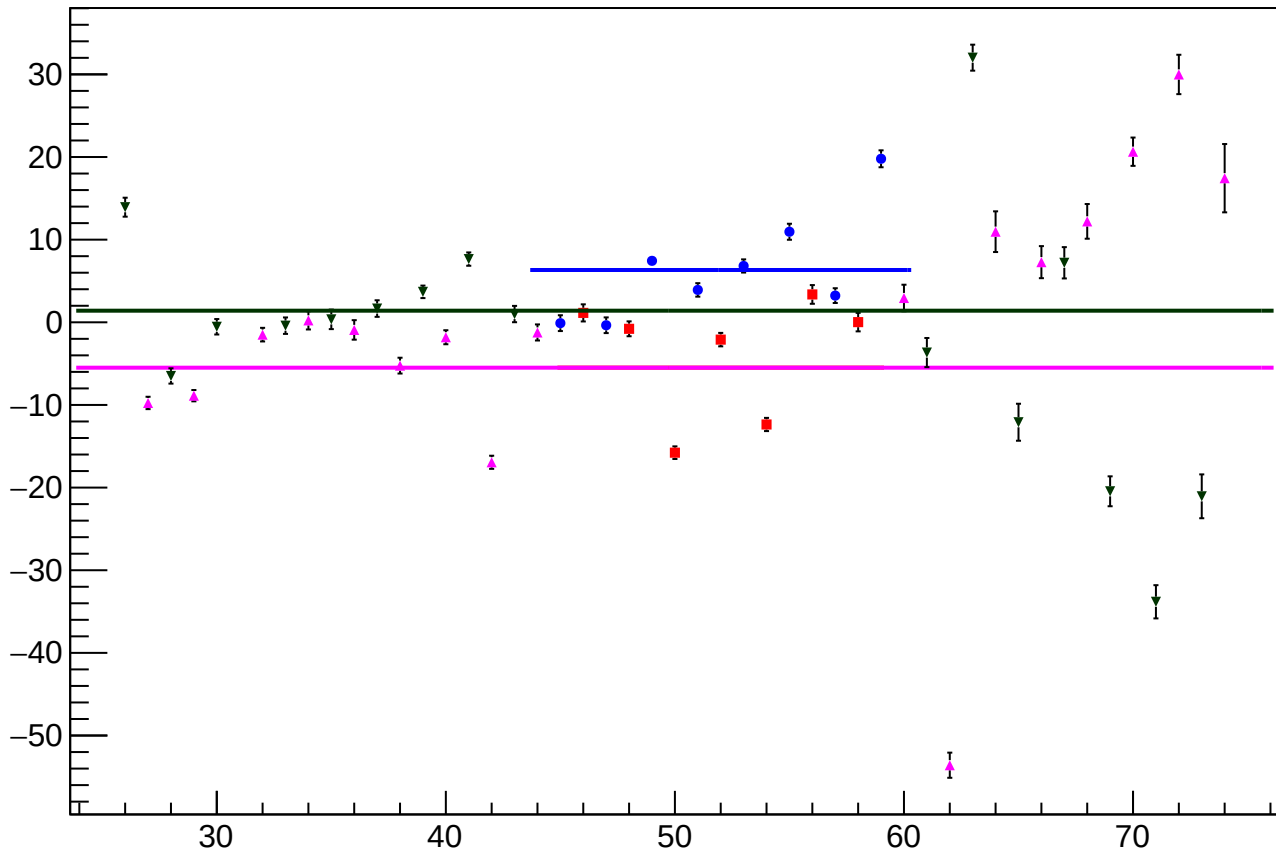
Left Out: 64.665+/-0.037 χ^2/NDF : 290145.2/15

Right Out: -51.946+/-0.049 χ^2/NDF : 2288.6/6

Left In: -64.472+/-0.036 χ^2/NDF : 299366.2/16

0.620+/-0.020 χ^2/NDF : 9308015.7/47

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 6.329 ± 0.293 $\chi^2/\text{NDF}: 315.1/7$

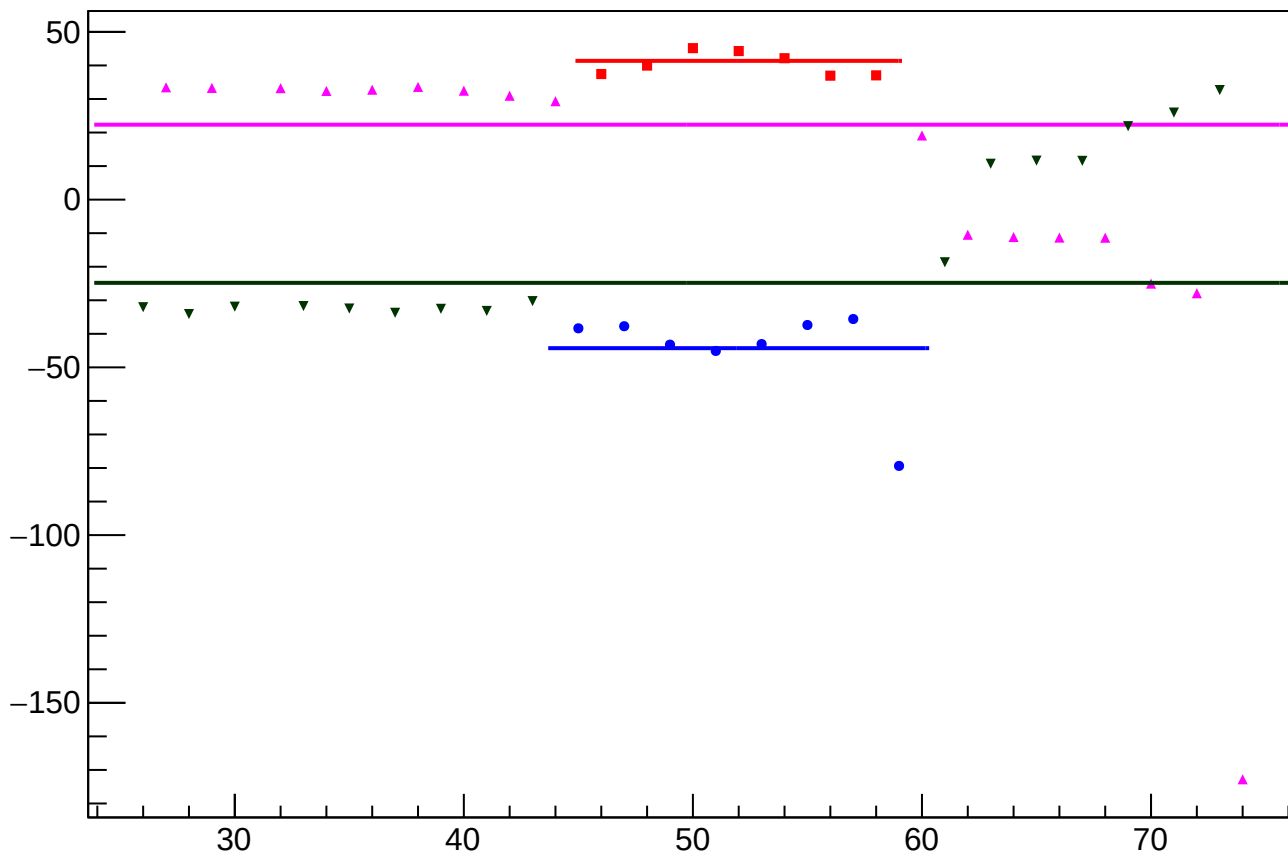
Left Out: 1.405 ± 0.289 $\chi^2/\text{NDF}: 1227.1/15$

Right Out: -5.484 ± 0.342 $\chi^2/\text{NDF}: 426.2/6$

Left In: -5.492 ± 0.266 $\chi^2/\text{NDF}: 2038.7/16$

-0.731 ± 0.147 $\chi^2/\text{NDF}: 5154.0/47$

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -44.278 ± 0.056 $\chi^2/\text{NDF}: 39315.7/7$

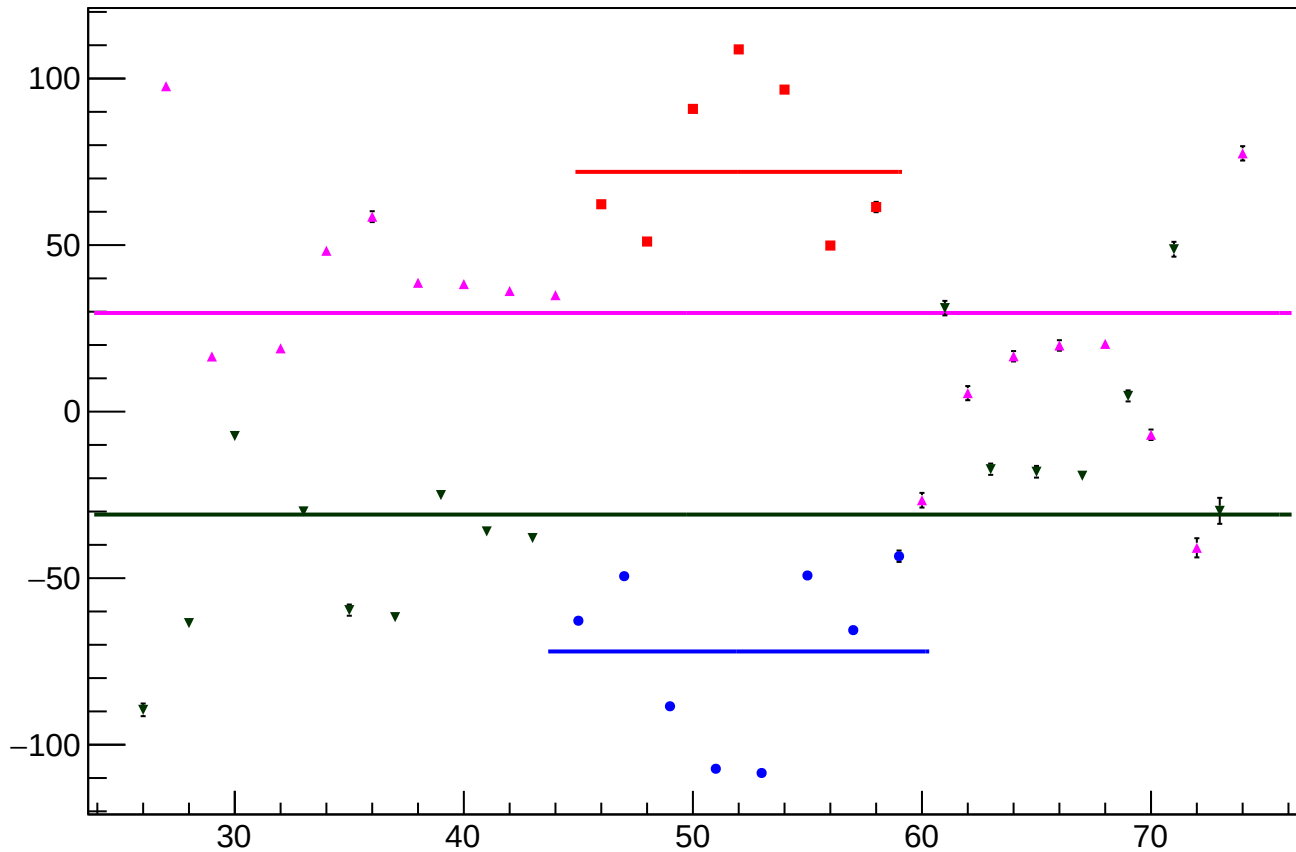
Left Out: -24.804 ± 0.052 $\chi^2/\text{NDF}: 124448.8/15$

Right Out: 41.367 ± 0.063 $\chi^2/\text{NDF}: 2613.4/6$

Left In: 22.340 ± 0.053 $\chi^2/\text{NDF}: 292556.5/16$

-3.946 ± 0.028 $\chi^2/\text{NDF}: 1890811.7/47$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -72.002 ± 0.408 χ^2/NDF : 2869.5/7

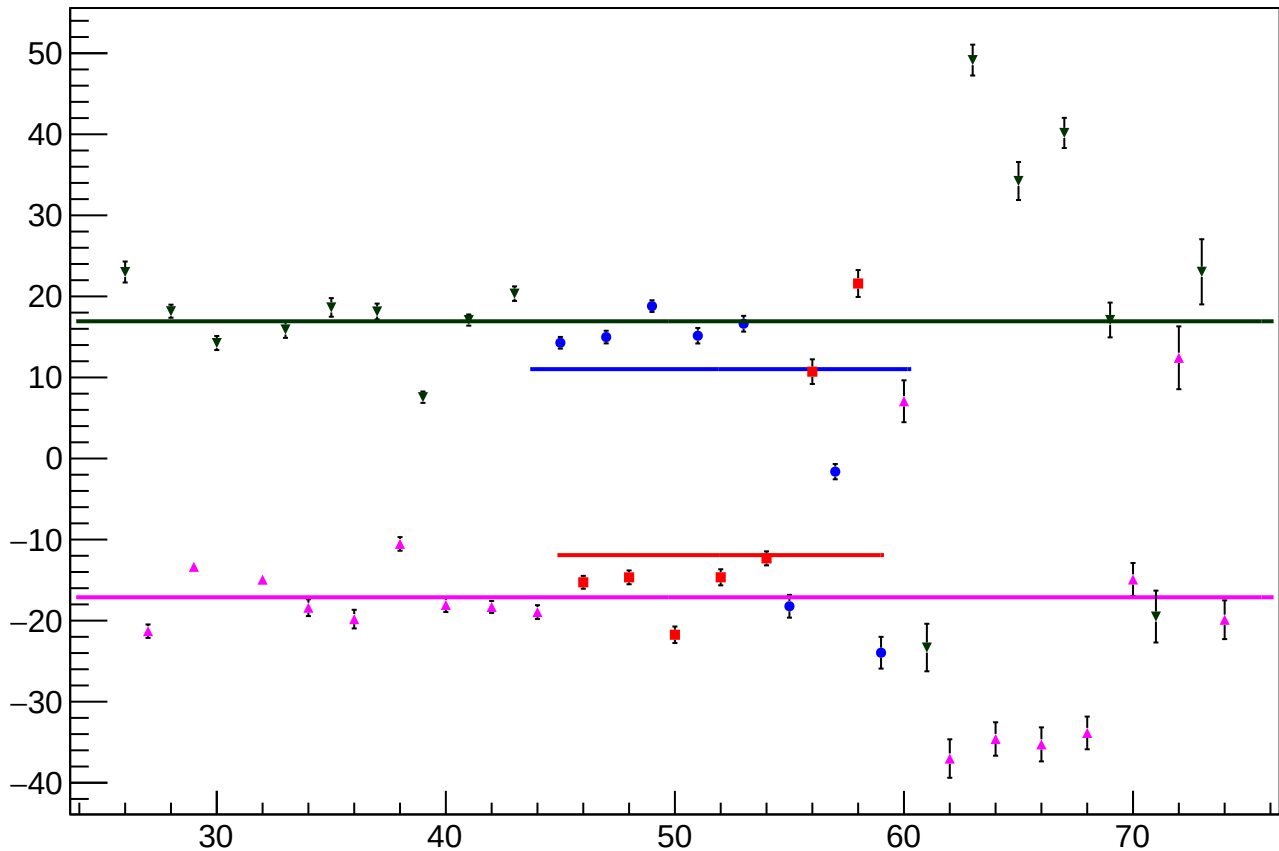
Left Out: -30.902 ± 0.344 χ^2/NDF : 6003.6/15

Right Out: 71.979 ± 0.474 χ^2/NDF : 2059.2/6

Left In: 29.618 ± 0.310 χ^2/NDF : 6388.5/16

-2.183 ± 0.185 χ^2/NDF : 88546.0/47

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 11.026 ± 0.324 $\chi^2/\text{NDF}: 1145.6/7$

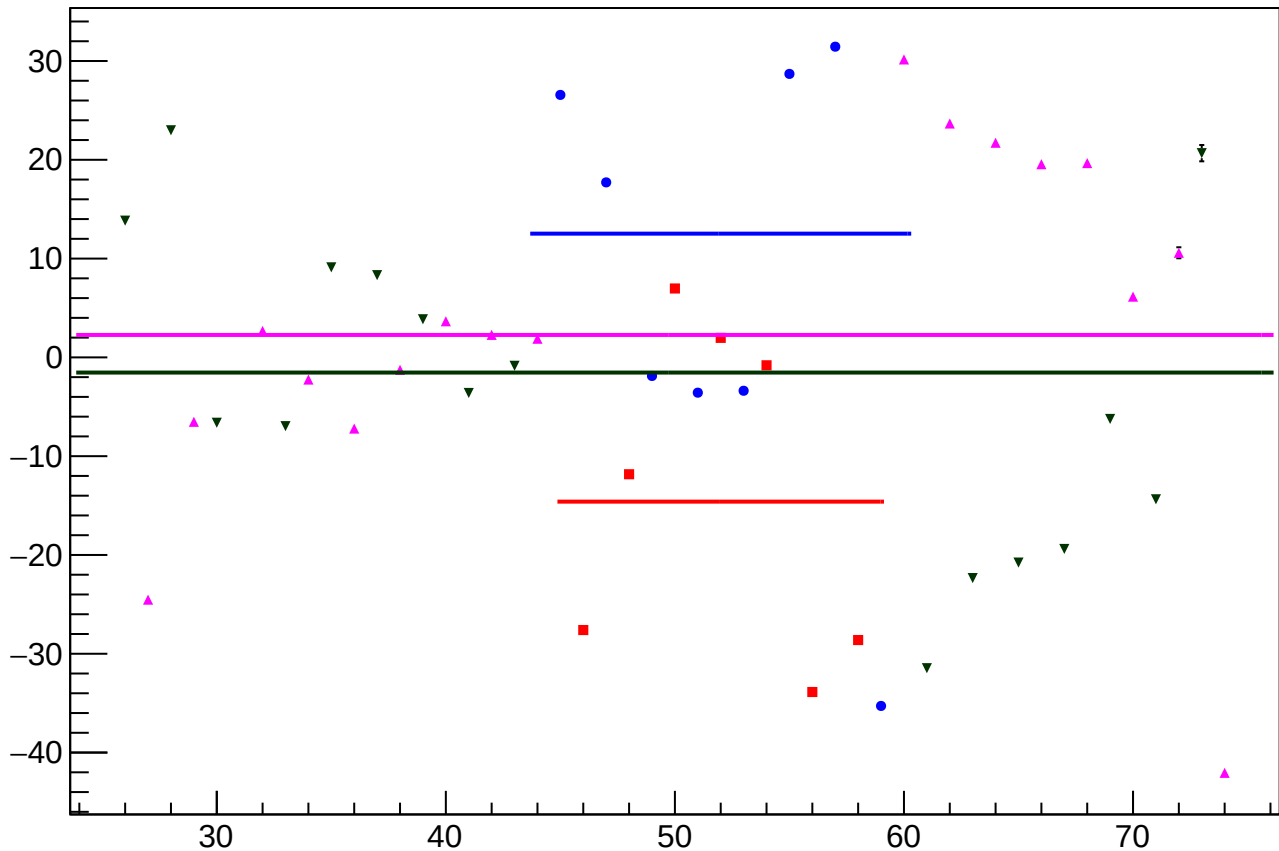
Left Out: 16.930 ± 0.279 $\chi^2/\text{NDF}: 1049.5/15$

Right Out: -11.917 ± 0.376 $\chi^2/\text{NDF}: 758.3/6$

Left In: -17.116 ± 0.250 $\chi^2/\text{NDF}: 587.7/16$

-0.786 ± 0.148 $\chi^2/\text{NDF}: 14039.1/47$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.525+/-0.072 χ^2/NDF : 60613.7/7

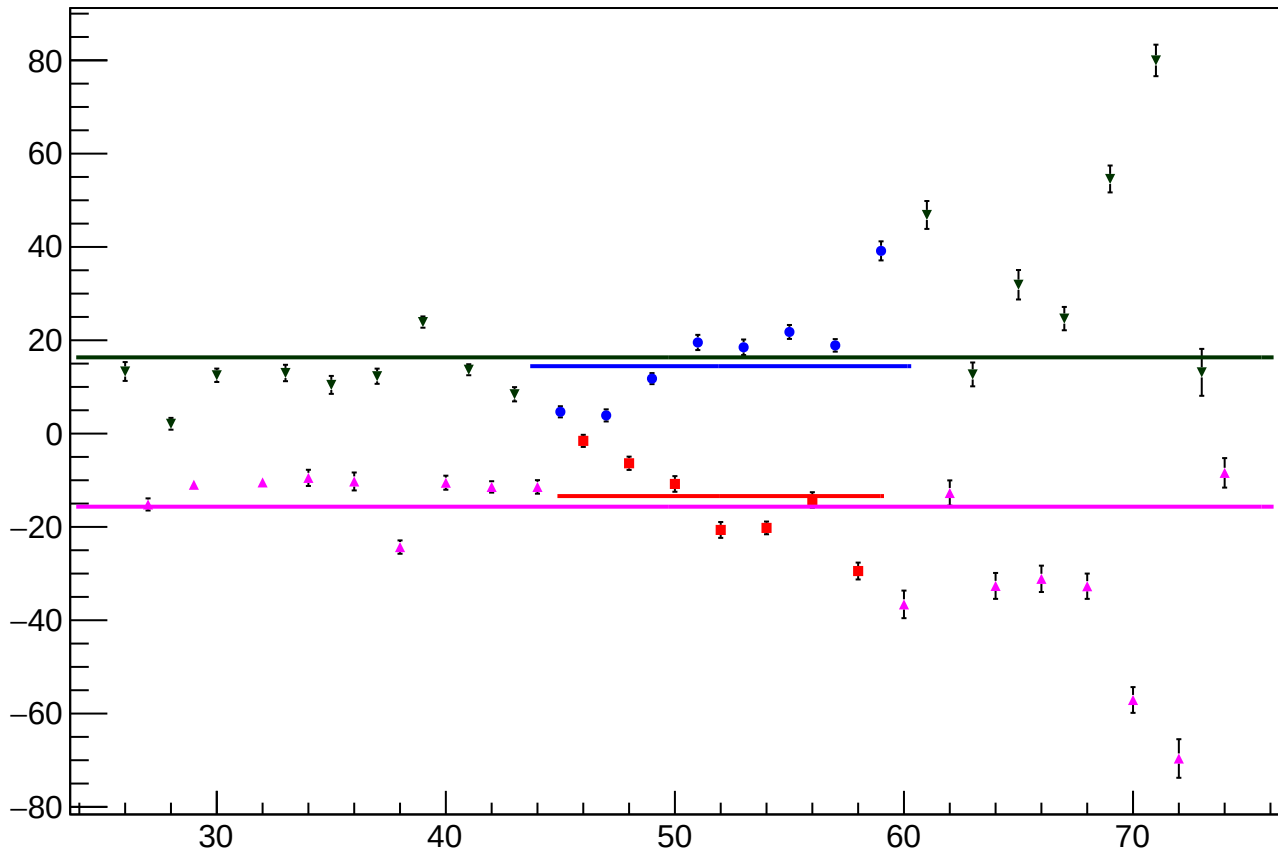
Left Out: -1.537+/-0.058 χ^2/NDF : 49680.5/15

Right Out: -14.601+/-0.080 χ^2/NDF : 32276.4/6

Left In: 2.270+/-0.053 χ^2/NDF : 51528.6/16

0.483+/-0.032 χ^2/NDF : 259997.5/47

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 14.448+/-0.501 χ^2/NDF : 335.1/7

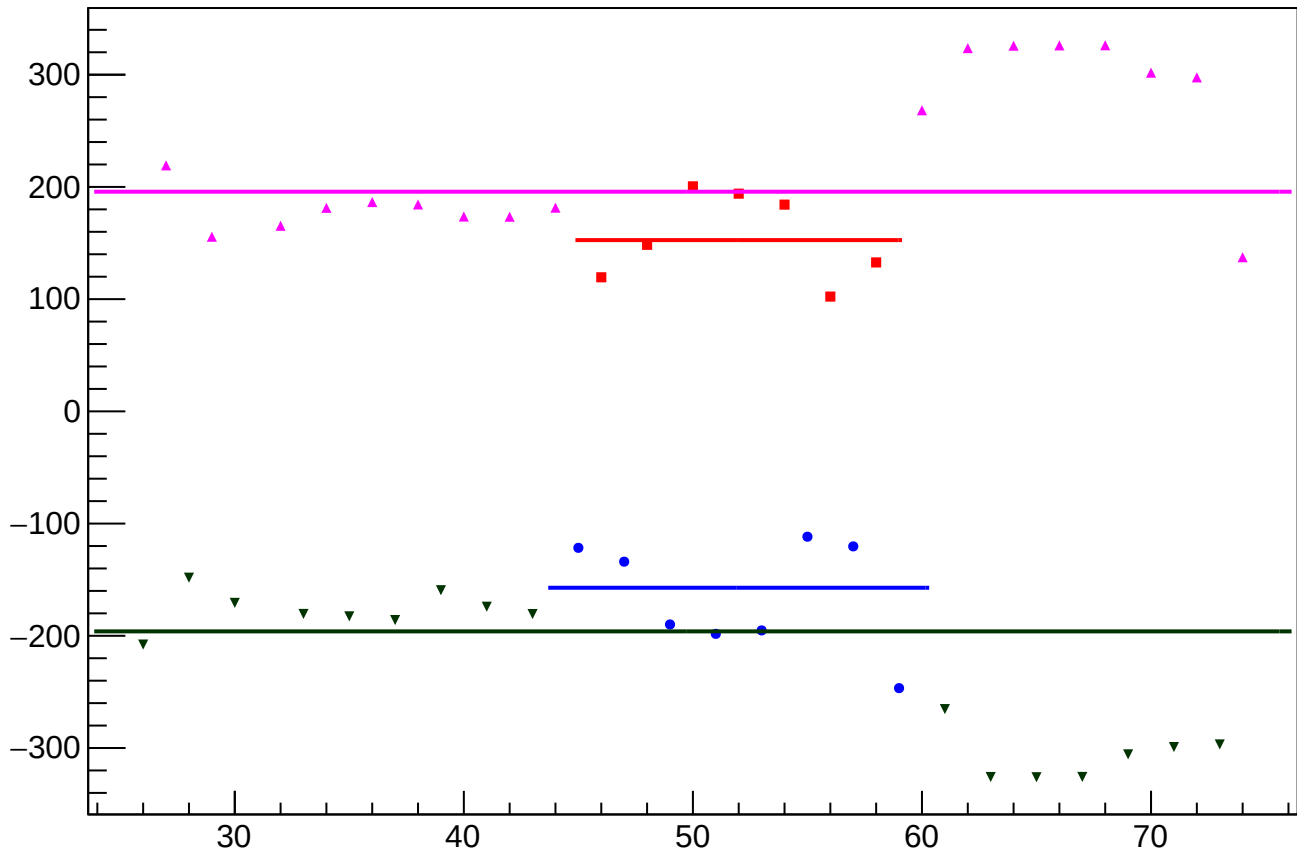
Left Out: 16.337+/-0.451 χ^2/NDF : 898.9/15

Right Out: -13.392+/-0.577 χ^2/NDF : 232.4/6

Left In: -15.664+/-0.403 χ^2/NDF : 695.9/16

0.083+/-0.235 χ^2/NDF : 6357.6/47

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -157.180+/-0.097 χ^2/NDF : 180308.3/7

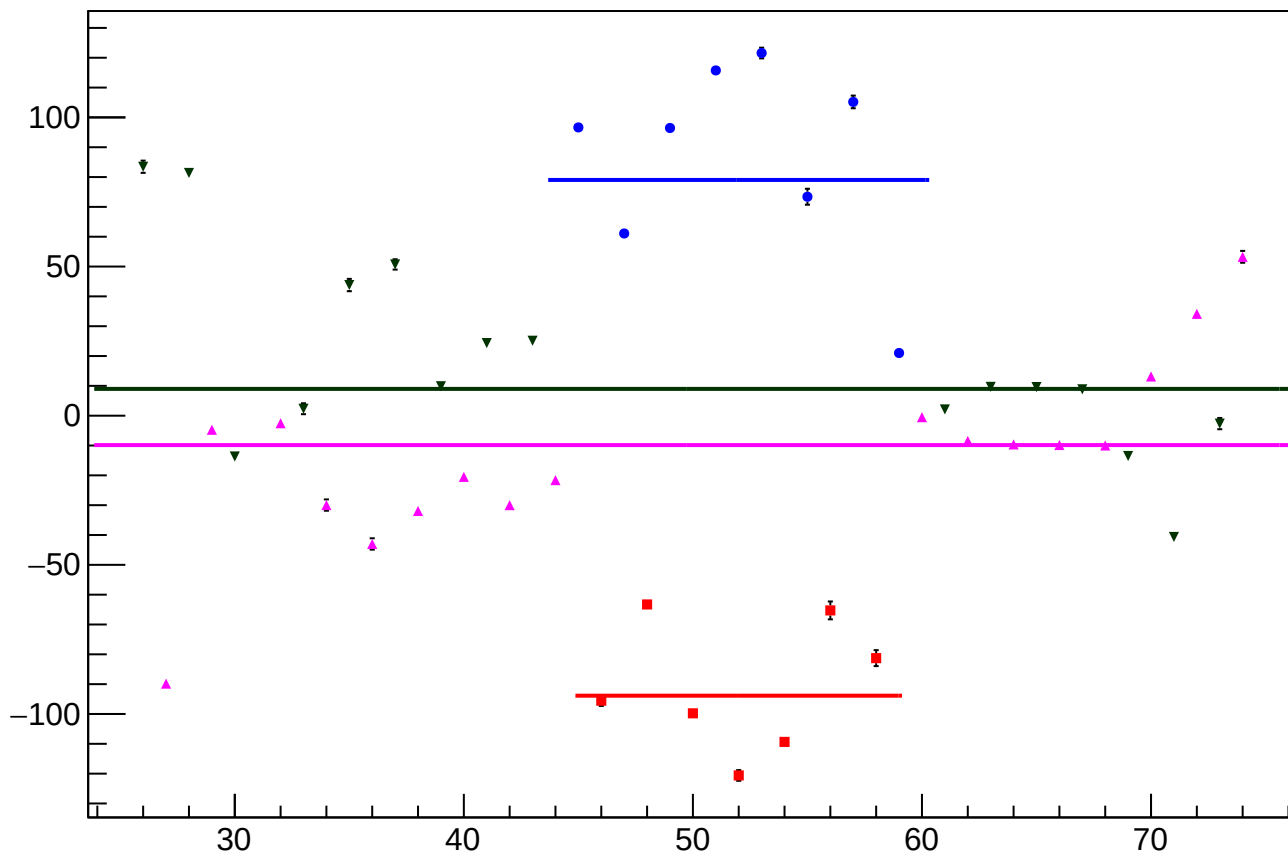
Left Out: -196.061+/-0.083 χ^2/NDF : 408562.0/15

Right Out: 152.611+/-0.109 χ^2/NDF : 105650.5/6

Left In: 195.723+/-0.080 χ^2/NDF : 452573.7/16

-3.819+/-0.045 χ^2/NDF : 17254463.9/47

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.034+/-0.538 χ^2/NDF : 4349.4/7

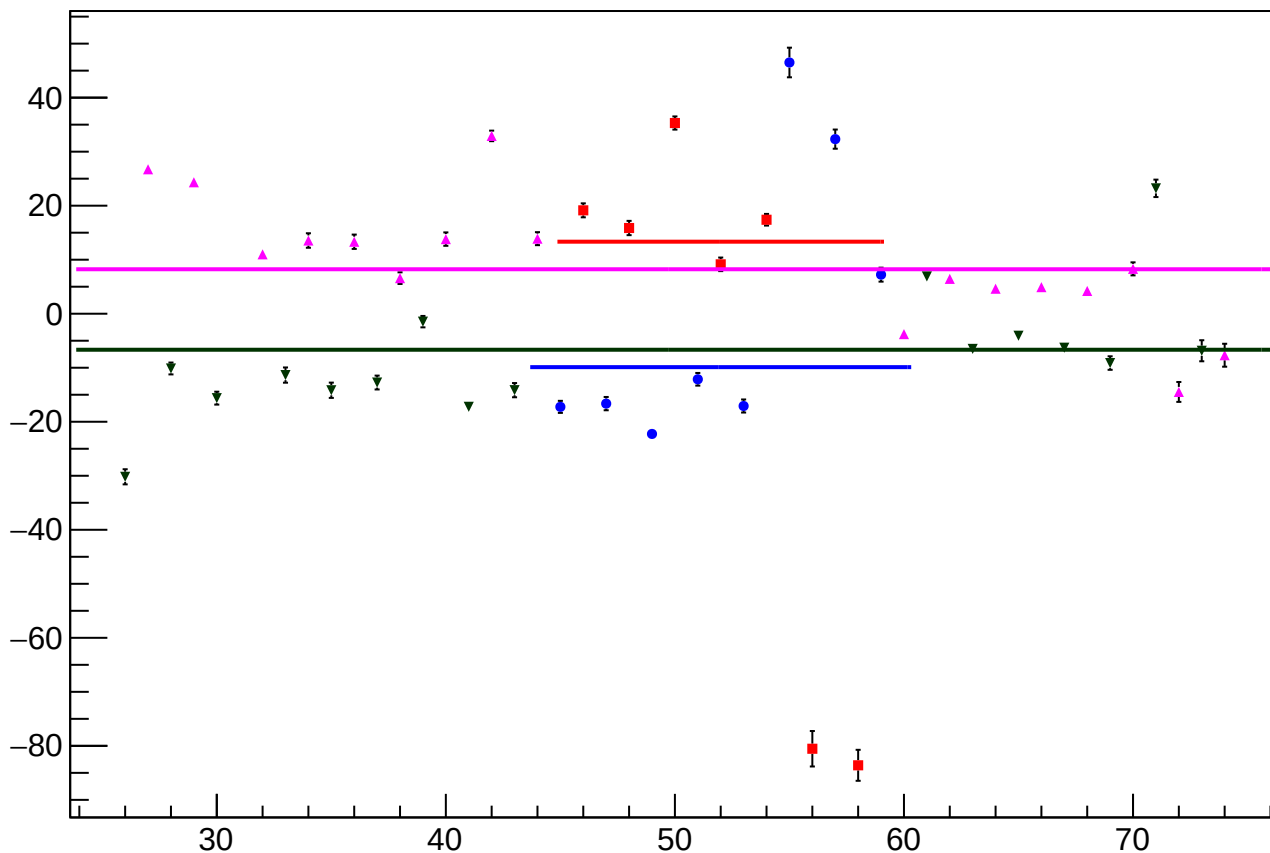
Left Out: 8.986+/-0.177 χ^2/NDF : 7713.6/15

Right Out: -93.866+/-0.694 χ^2/NDF : 821.8/6

Left In: -9.852+/-0.159 χ^2/NDF : 9540.6/16

-0.304+/-0.114 χ^2/NDF : 68705.2/47

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -9.891 ± 0.444 χ^2/NDF : 1452.6/7

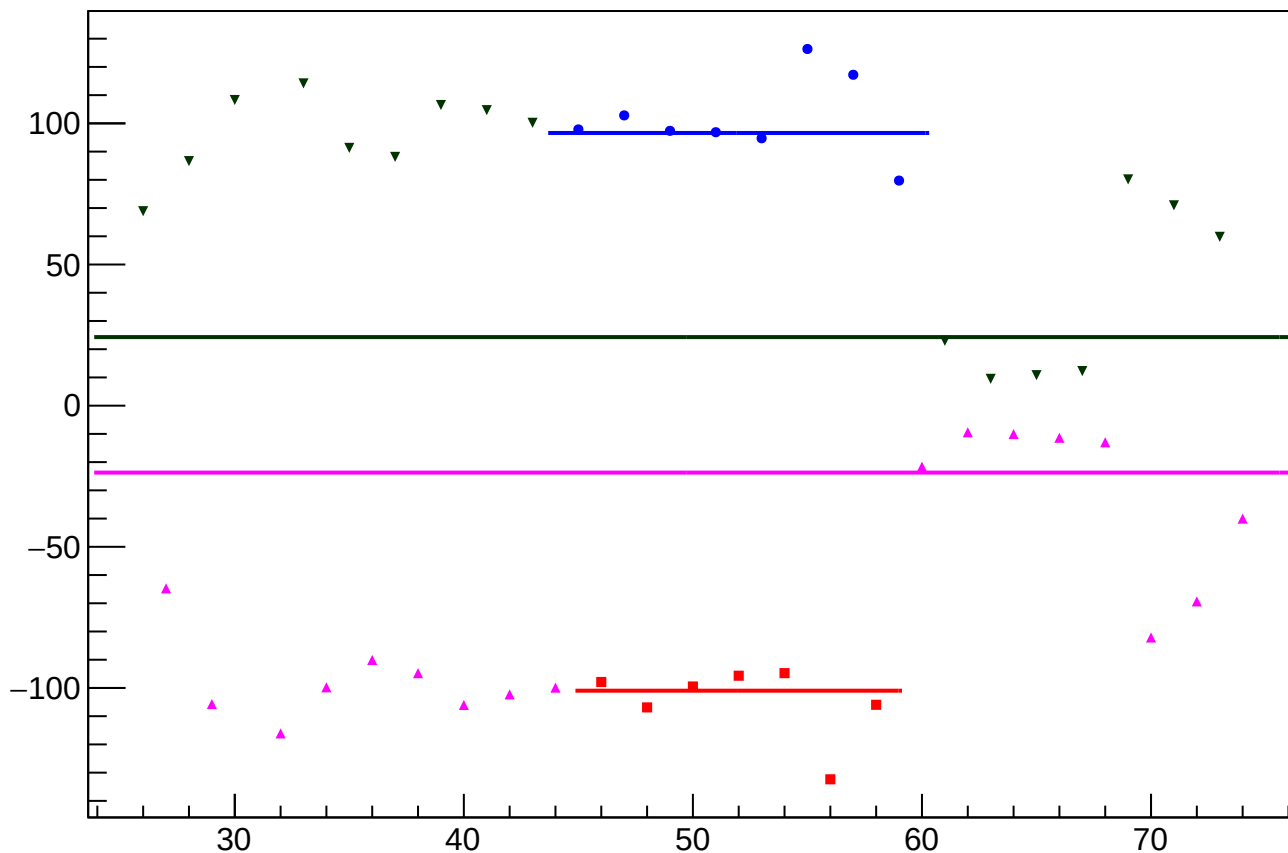
Left Out: -6.669 ± 0.201 χ^2/NDF : 1247.8/15

Right Out: 13.335 ± 0.531 χ^2/NDF : 2333.2/6

Left In: 8.231 ± 0.177 χ^2/NDF : 2780.2/16

1.434 ± 0.124 χ^2/NDF : 12067.2/47

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 96.604±/0.096 χ^2/NDF : 14613.4/7

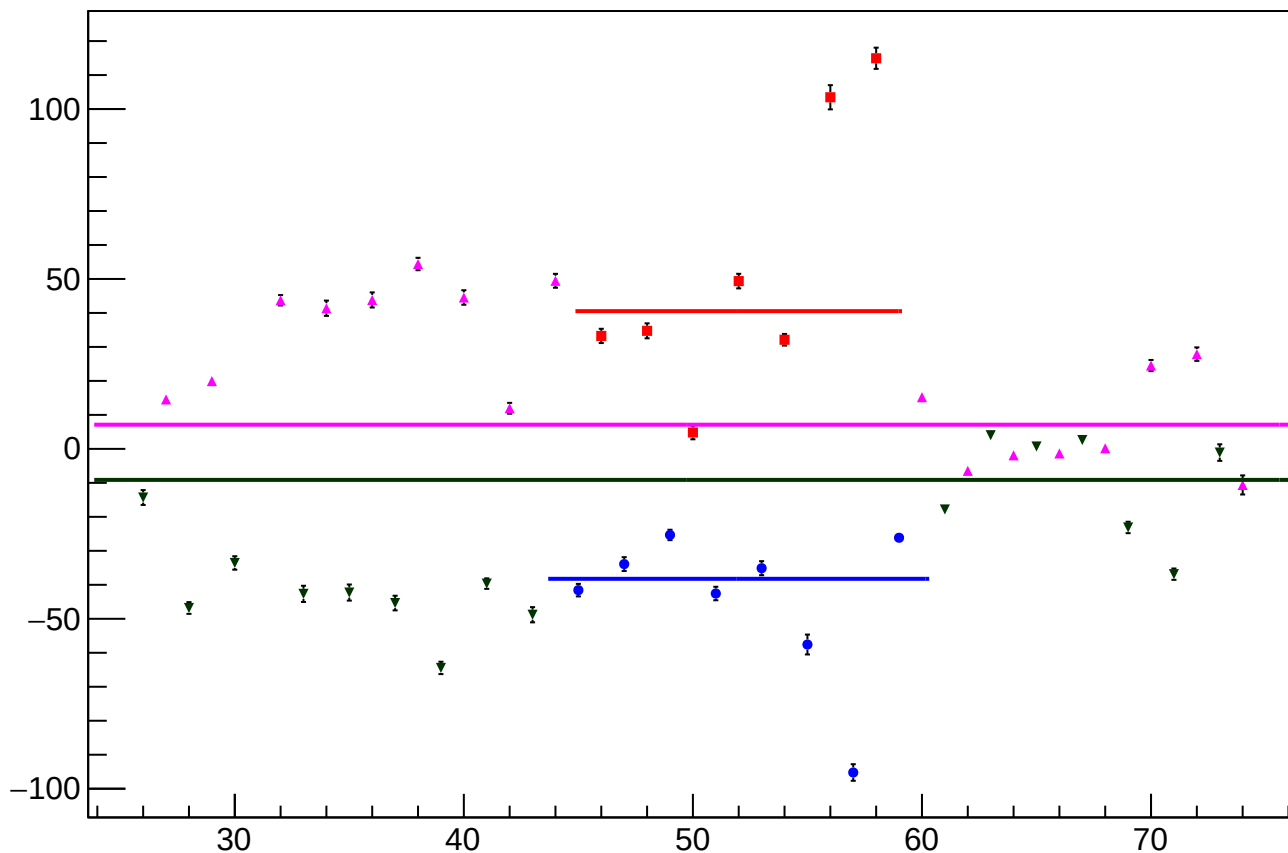
Left Out: 24.292±/0.029 χ^2/NDF :1013995.2/15

Right Out: -100.968±/0.118 χ^2/NDF : 5187.1/6

Left In: -23.708±/0.026 χ^2/NDF :1273592.7/16

-1.206±/0.019 χ^2/NDF : 5542297.3/47

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.235 ± 0.663 χ^2/NDF : 754.0/7

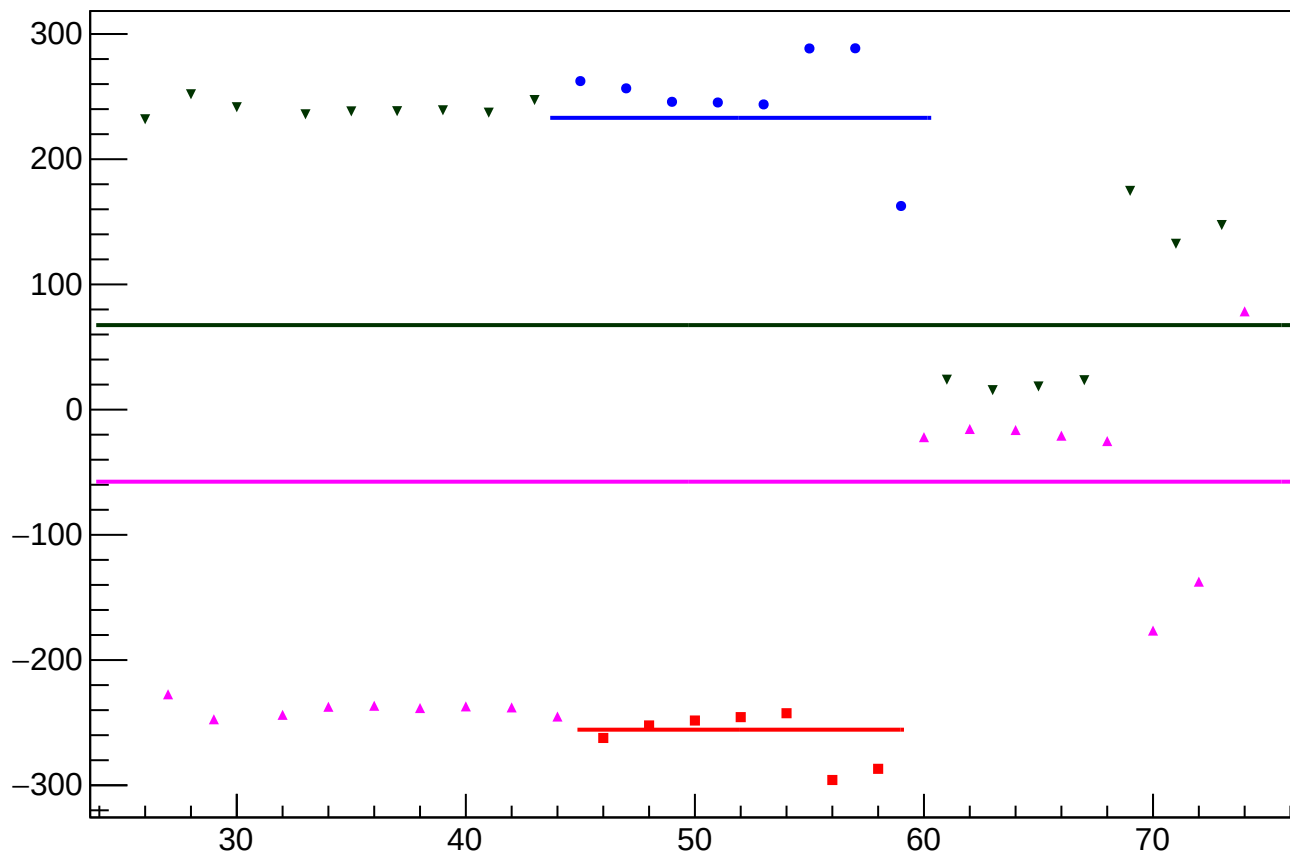
Left Out: -9.128 ± 0.274 χ^2/NDF : 4628.5/15

Right Out: 40.527 ± 0.839 χ^2/NDF : 1256.5/6

Left In: 7.114 ± 0.244 χ^2/NDF : 4107.1/16

-0.925 ± 0.172 χ^2/NDF : 18335.4/47

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 233.045 $\pm$ 0.128 χ^2 /NDF: 111658.8/7

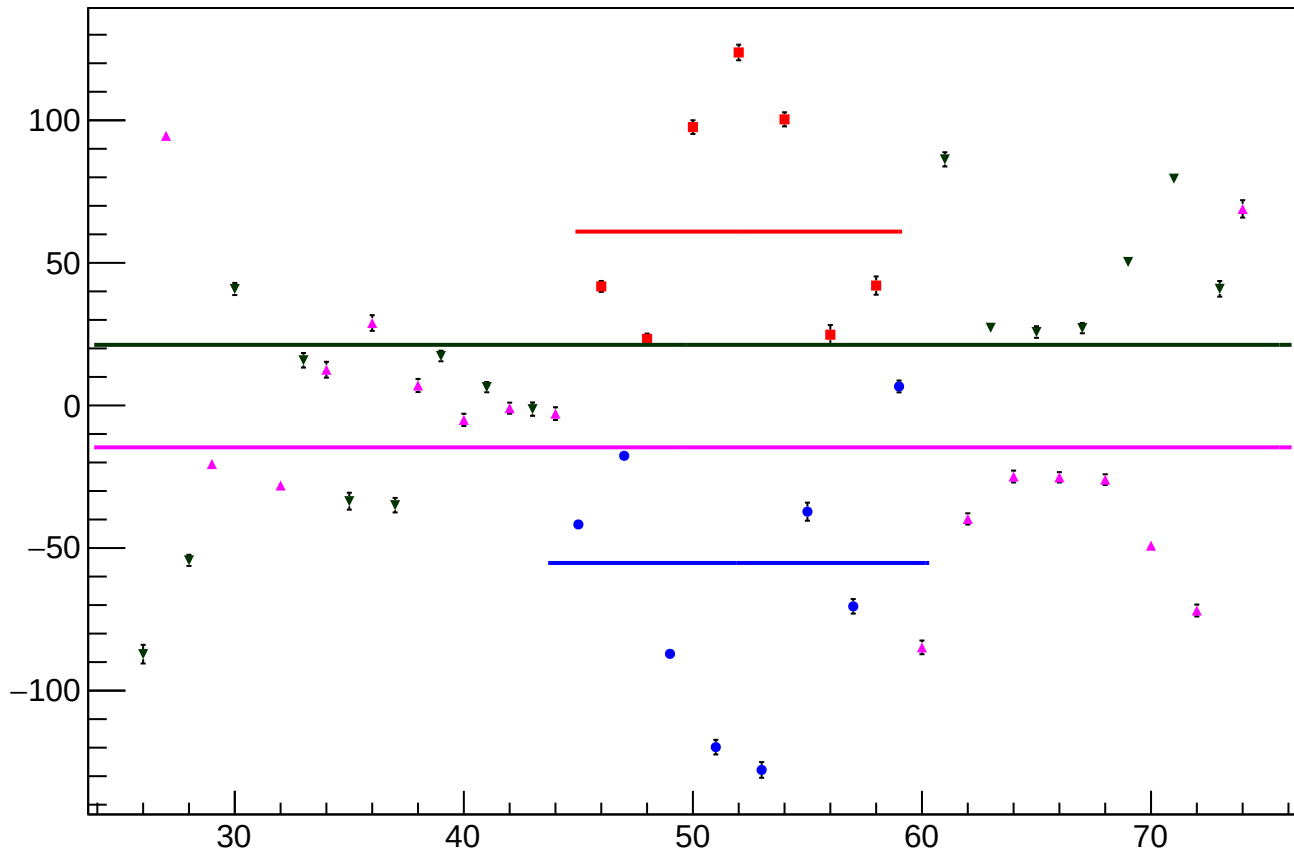
Left Out: 67.508 $\pm$ 0.050 χ^2 /NDF: 2946254.6/15

Right Out: -255.609 $\pm$ 0.159 χ^2 /NDF: 9747.8/6

Left In: -57.547 $\pm$ 0.045 χ^2 /NDF: 3446605.6/16

3.331 $\pm$ 0.032 χ^2 /NDF: 15852066.9/47

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -55.234 $\pm$ 0.745 χ^2 /NDF: 3177.5/7

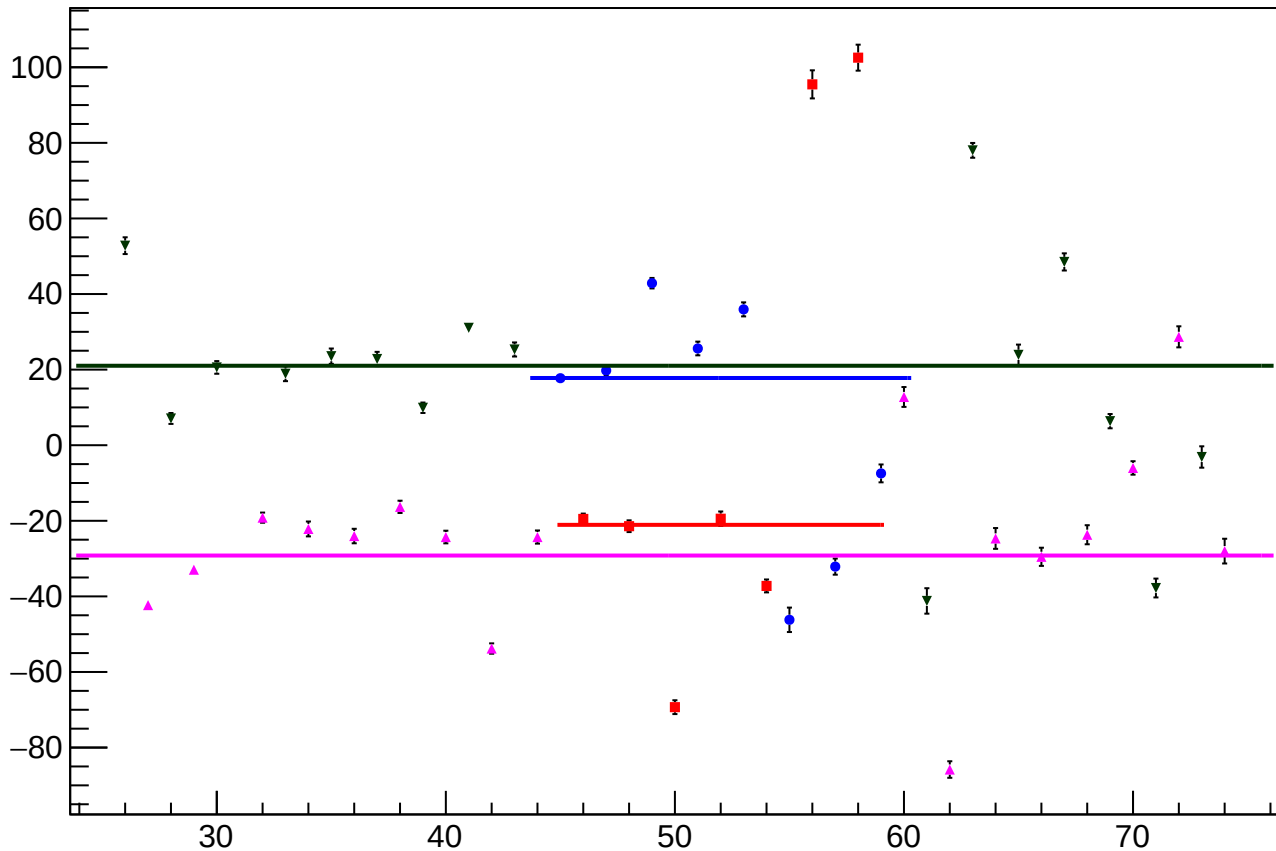
Left Out: 21.254 $\pm$ 0.517 χ^2 /NDF: 5982.4/15

Right Out: 60.965 $\pm$ 0.907 χ^2 /NDF: 1671.8/6

Left In: -14.681 $\pm$ 0.475 χ^2 /NDF: 7805.1/16

-0.962 $\pm$ 0.299 χ^2 /NDF: 31292.8/47

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.787+/-0.599 χ^2 /NDF: 1495.8/7

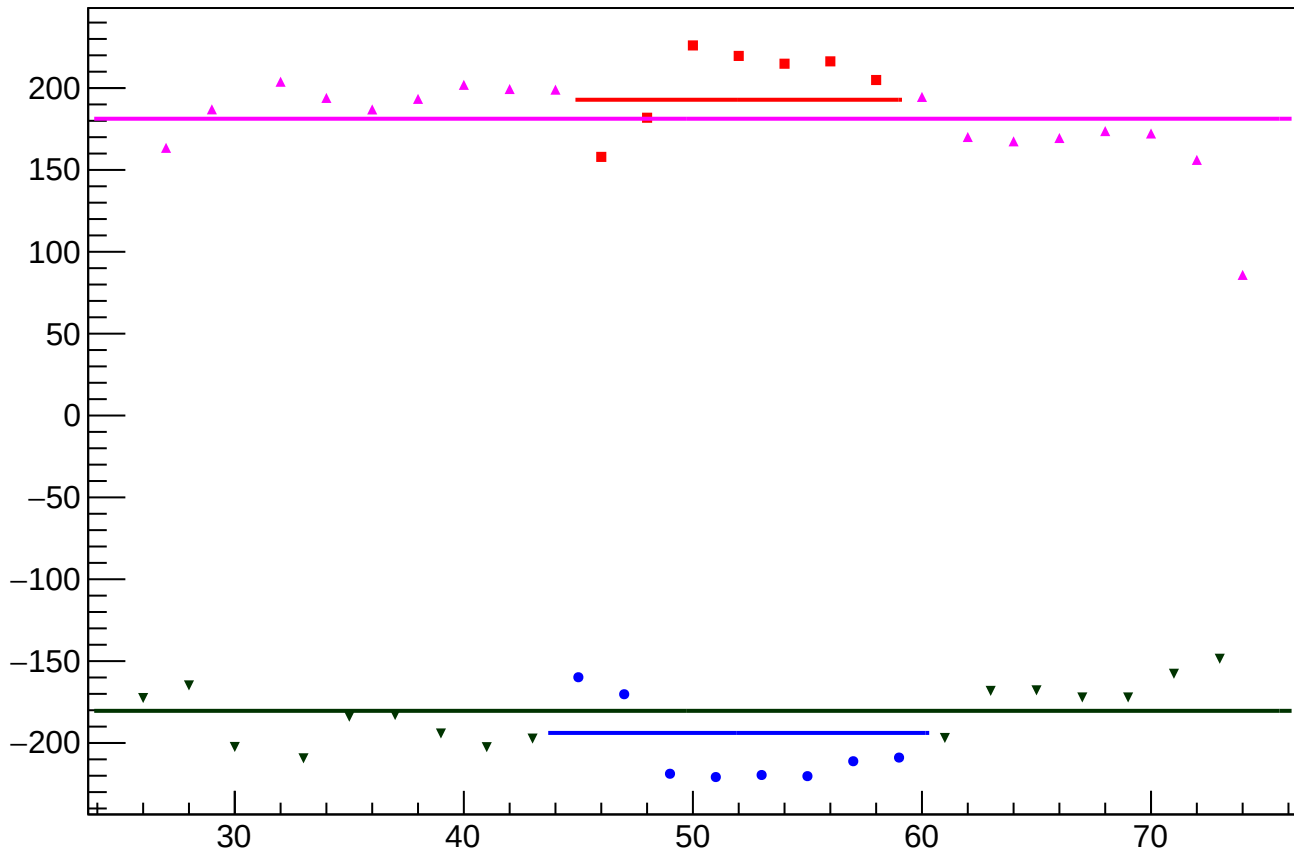
Left Out: 21.025+/-0.473 χ^2 /NDF: 2456.3/15

Right Out: -21.072+/-0.709 χ^2 /NDF: 3064.0/6

Left In: -29.190+/-0.417 χ^2 /NDF: 2171.7/16

-4.405+/-0.258 χ^2 /NDF: 17535.8/47

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -193.855+/-0.131 χ^2/NDF : 39164.0/7

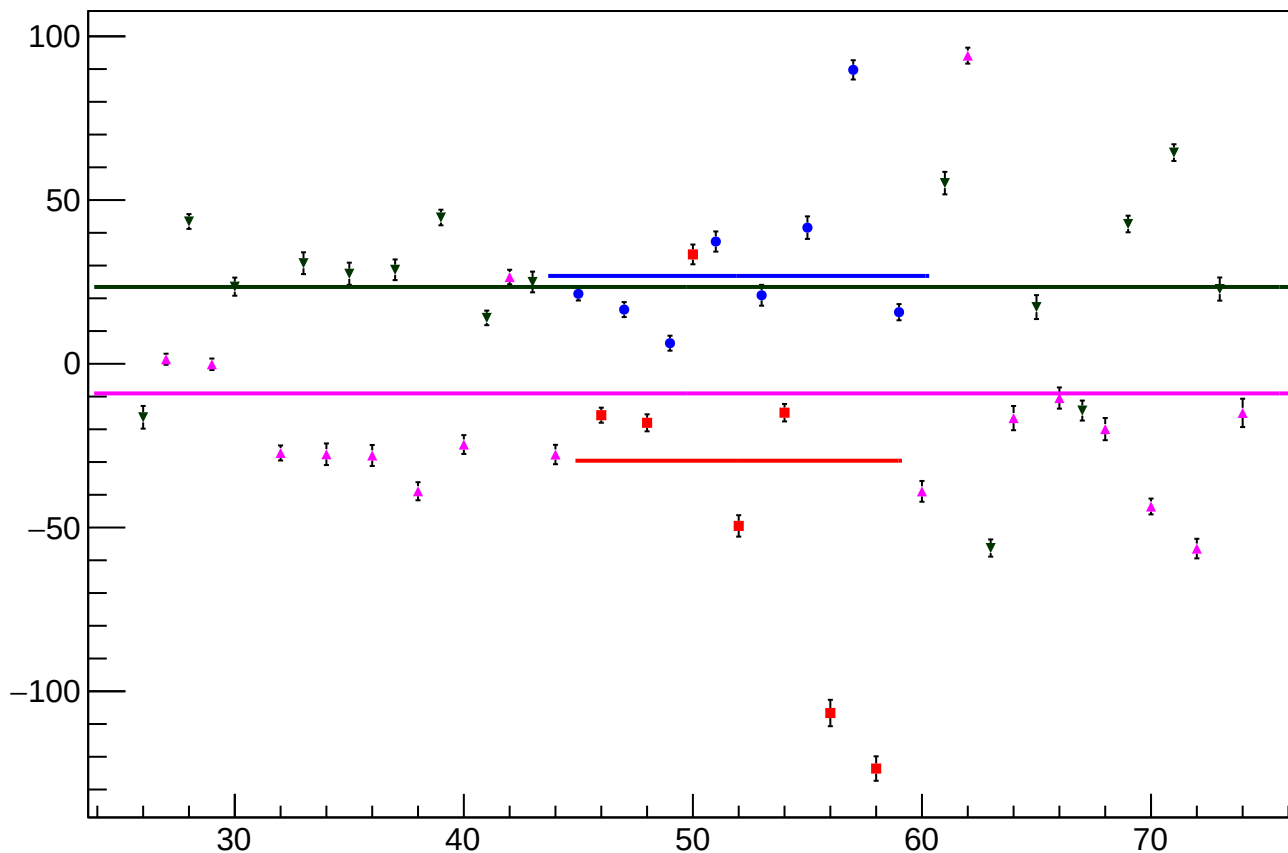
Left Out: -180.366+/-0.090 χ^2/NDF : 34303.3/15

Right Out: 192.862+/-0.153 χ^2/NDF : 29111.9/6

Left In: 181.269+/-0.083 χ^2/NDF : 50569.7/16

1.944+/-0.052 χ^2/NDF : 12748387.2/47

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 26.835+/-0.916 χ^2/NDF : 618.4/7

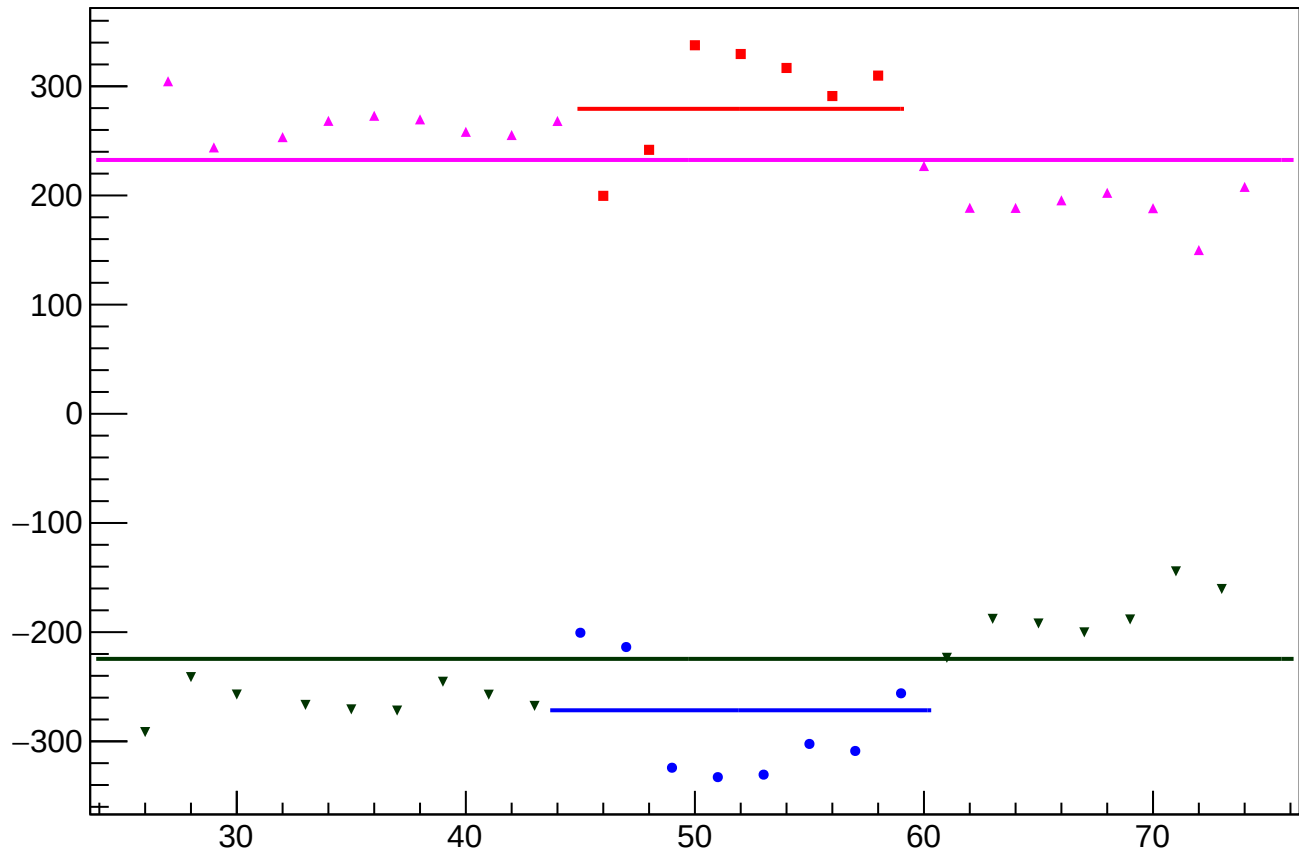
Left Out: 23.464+/-0.714 χ^2/NDF : 1791.0/15

Right Out: -29.589+/-1.108 χ^2/NDF : 1557.6/6

Left In: -9.040+/-0.635 χ^2/NDF : 2986.3/16

4.885+/-0.394 χ^2/NDF : 9653.8/47

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -271.568+/-0.178 χ^2/NDF : 89583.7/7

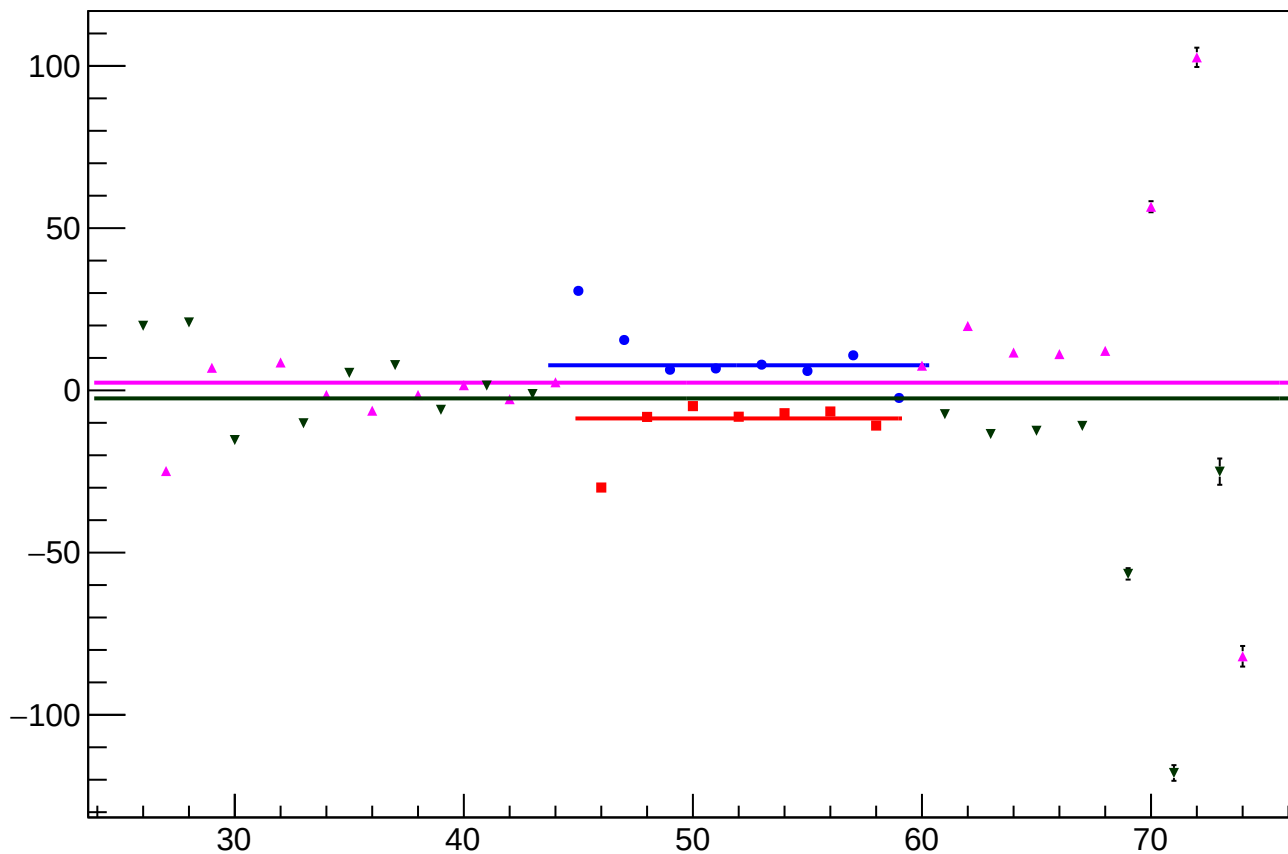
Left Out: -224.478+/-0.128 χ^2/NDF : 125963.8/15

Right Out: 279.346+/-0.210 χ^2/NDF : 62721.9/6

Left In: 232.516+/-0.124 χ^2/NDF : 113866.8/16

-4.720+/-0.074 χ^2/NDF : 11109151.1/47

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 7.736 ± 0.162 χ^2/NDF : 1859.3/7

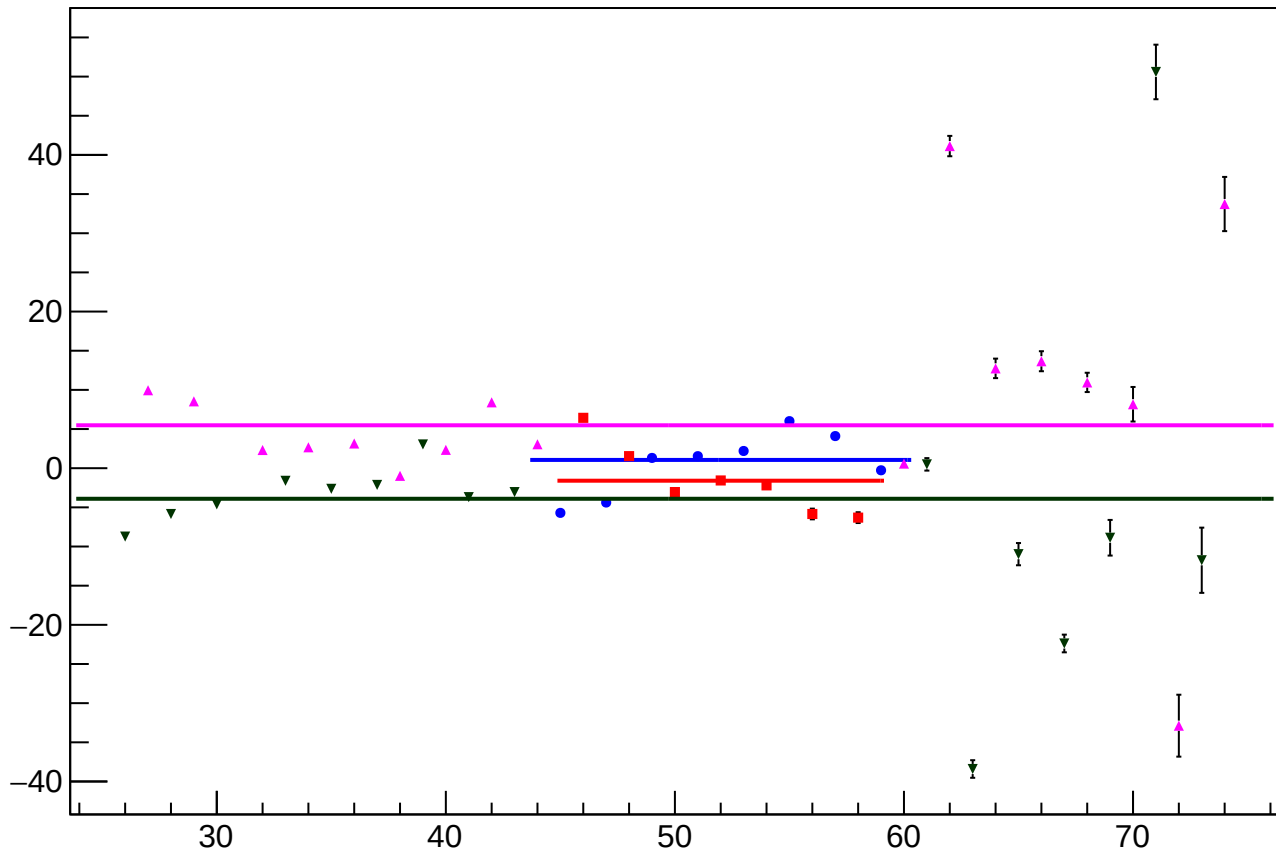
Left Out: -2.471 ± 0.188 χ^2/NDF : 6866.7/15

Right Out: -8.650 ± 0.194 χ^2/NDF : 893.4/6

Left In: 2.377 ± 0.168 χ^2/NDF : 6572.5/16

0.628 ± 0.088 χ^2/NDF : 20790.1/47

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 1.056 ± 0.131 $\chi^2/\text{NDF}: 438.0/7$

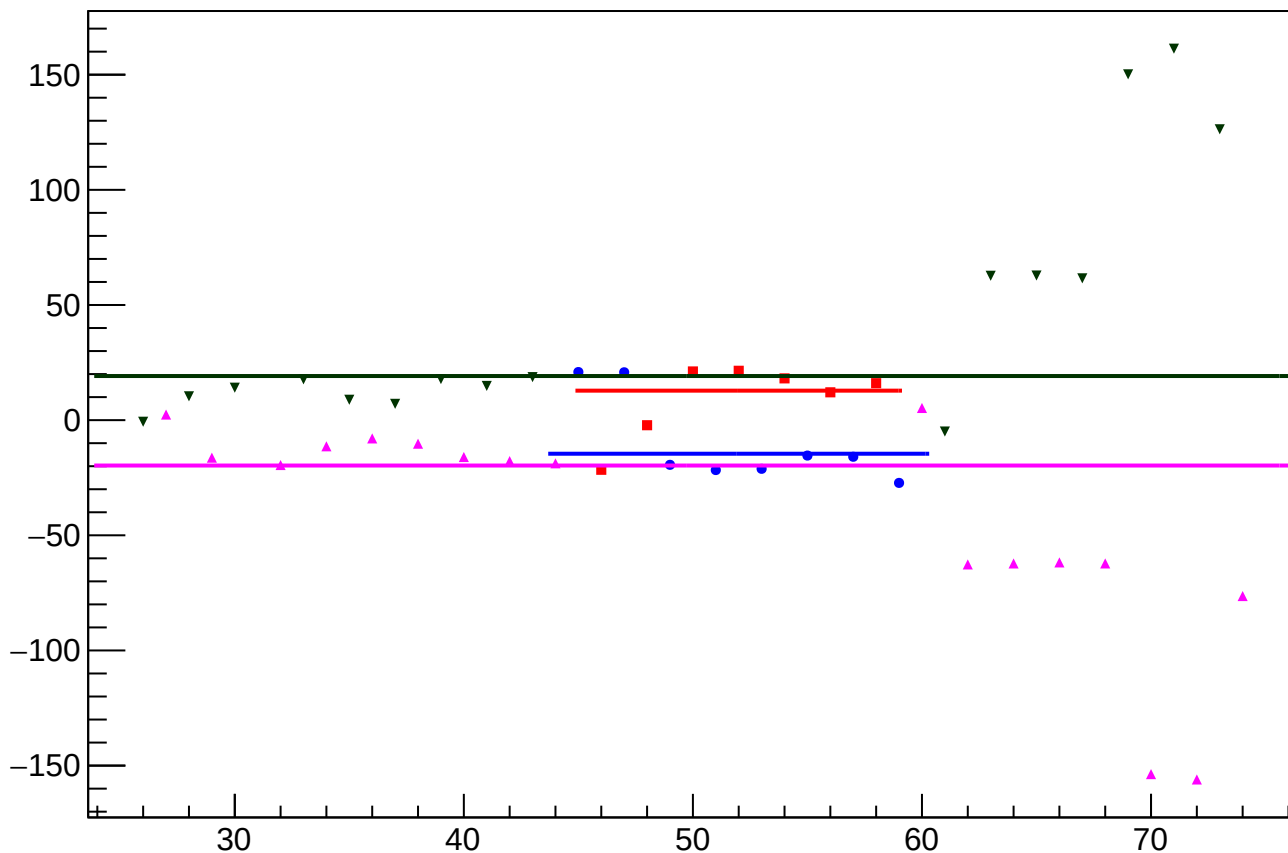
Left Out: -3.903 ± 0.152 $\chi^2/\text{NDF}: 1929.8/15$

Right Out: -1.596 ± 0.150 $\chi^2/\text{NDF}: 360.1/6$

Left In: 5.480 ± 0.133 $\chi^2/\text{NDF}: 1789.1/16$

0.658 ± 0.070 $\chi^2/\text{NDF}: 6976.8/47$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -14.581 +/- 0.029 χ^2/NDF : 253587.2/7

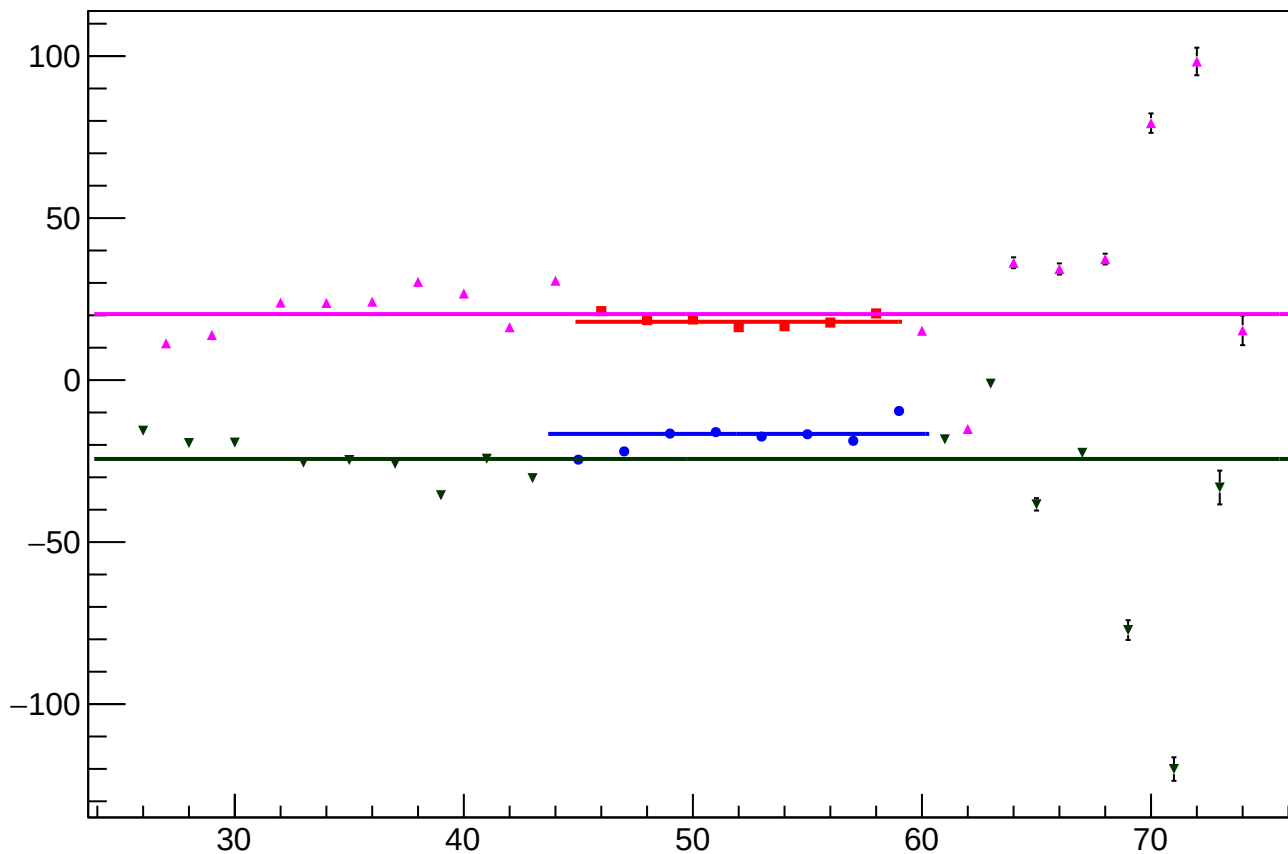
Left Out: 19.157 +/- 0.031 χ^2/NDF : 585720.9/15

Right Out: 12.808 +/- 0.034 χ^2/NDF : 142488.4/6

Left In: -19.704 +/- 0.028 χ^2/NDF : 645433.0/16

-2.477 +/- 0.015 χ^2/NDF : 2839898.2/47

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -16.603 ± 0.199 $\chi^2/\text{NDF}: 333.0/7$

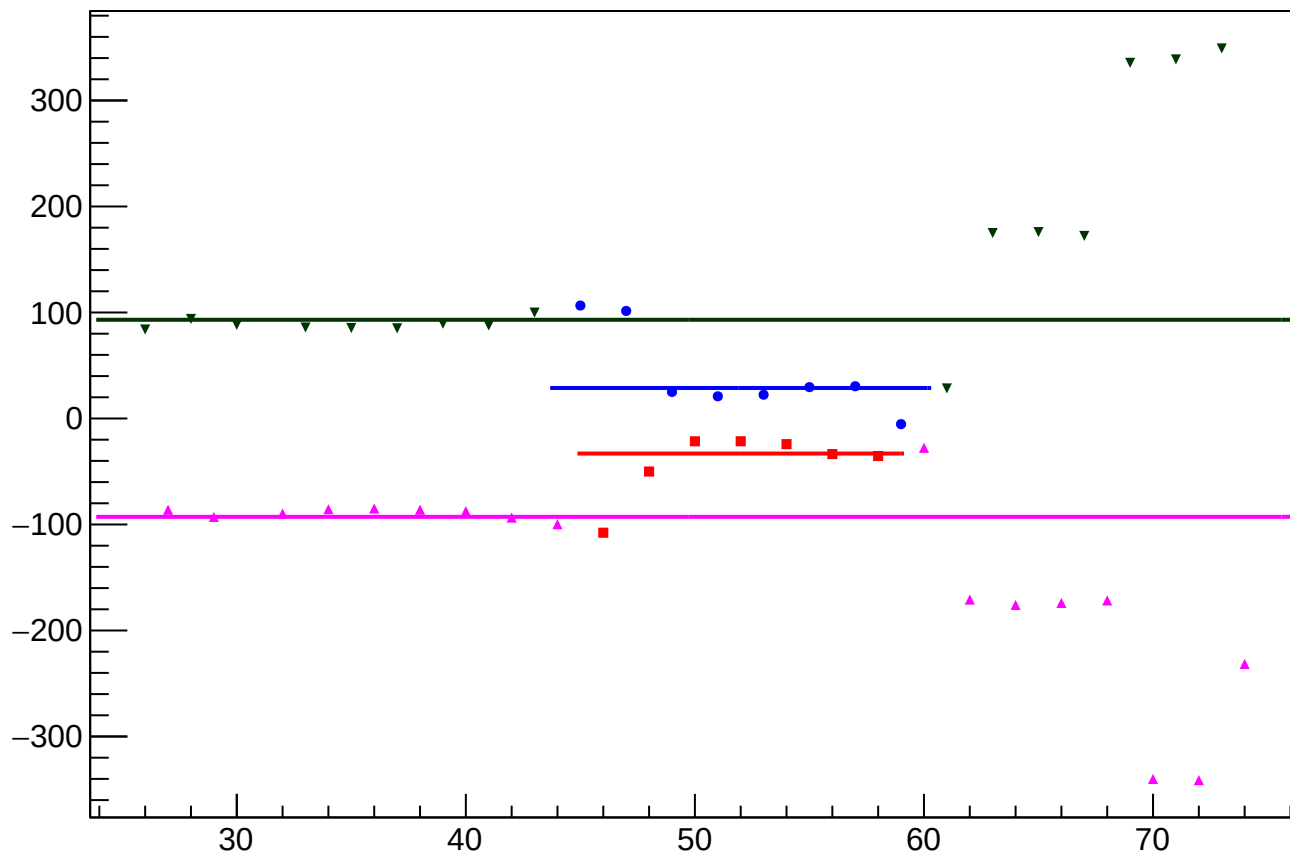
Left Out: -24.337 ± 0.242 $\chi^2/\text{NDF}: 1825.0/15$

Right Out: 18.001 ± 0.234 $\chi^2/\text{NDF}: 44.9/6$

Left In: 20.376 ± 0.212 $\chi^2/\text{NDF}: 2542.9/16$

-0.619 ± 0.110 $\chi^2/\text{NDF}: 37002.4/47$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 28.787+/-0.038 χ^2/NDF : 544915.0/7

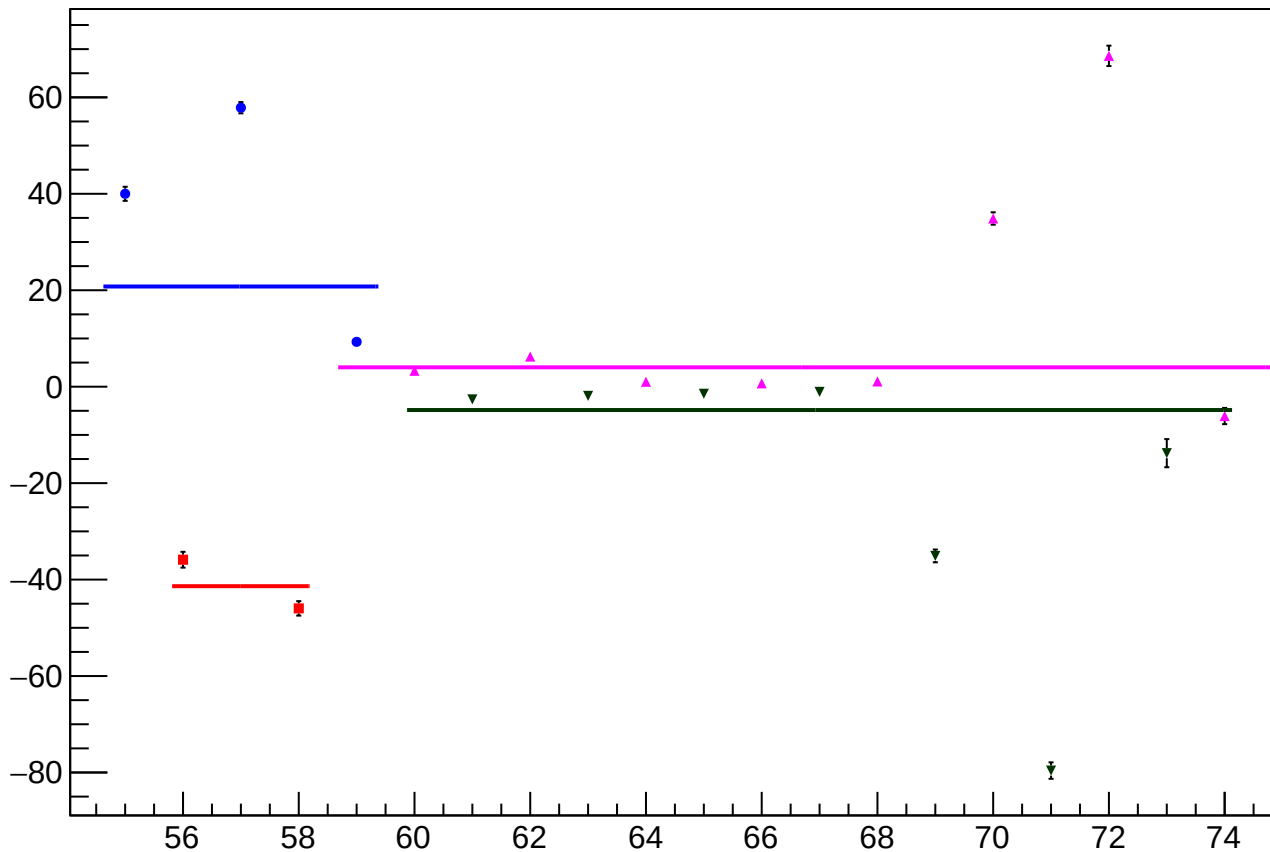
Left Out: 93.125+/-0.044 χ^2/NDF : 902878.6/15

Right Out: -33.060+/-0.043 χ^2/NDF : 227691.7/6

Left In: -92.768+/-0.043 χ^2/NDF : 975179.1/16

-0.151+/-0.021 χ^2/NDF : 12895581.6/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



Right In: 20.778+/-0.479 χ^2/NDF : 1596.0/2

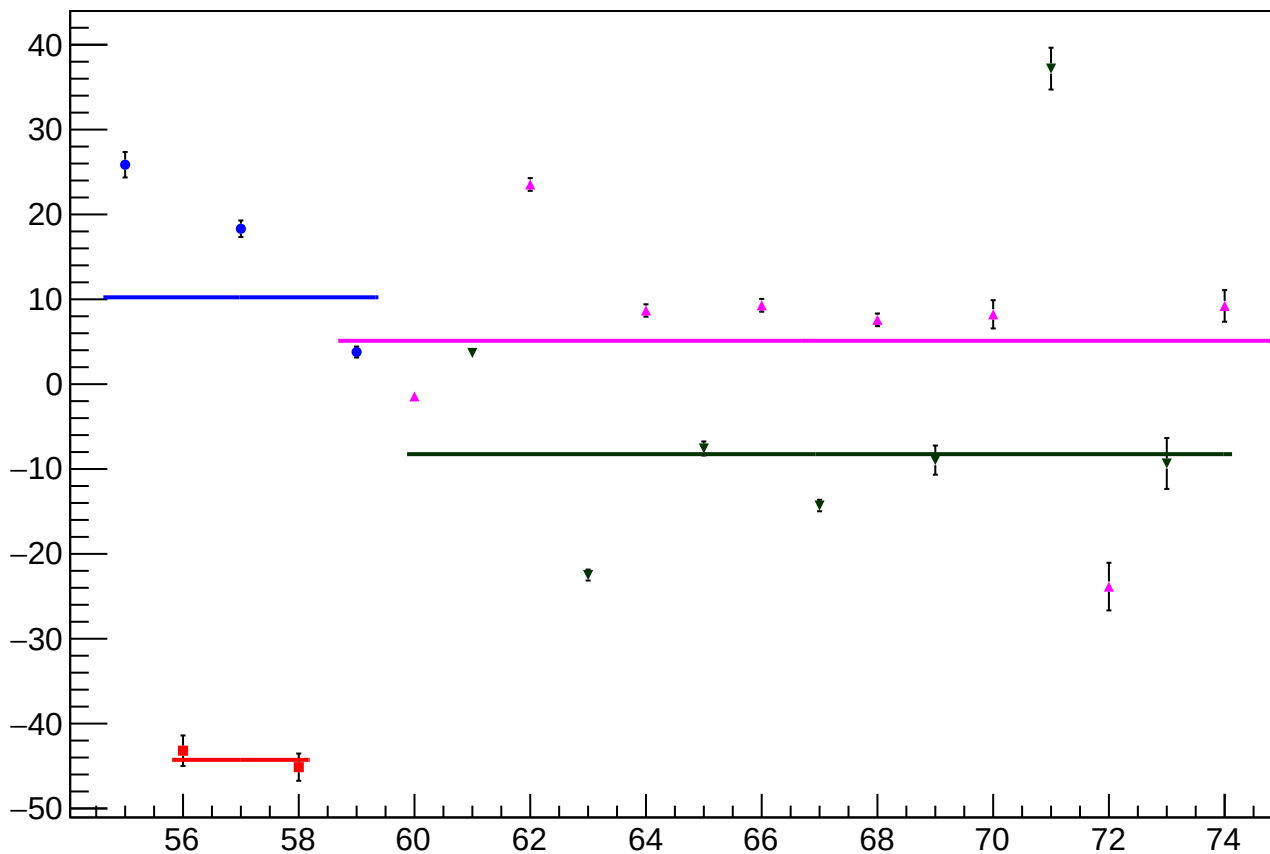
Left Out: -4.839+/-0.249 χ^2/NDF : 2580.4/6

Right Out: -41.366+/-1.106 χ^2/NDF : 20.6/1

Left In: 4.016+/-0.225 χ^2/NDF : 1654.8/7

1.424+/-0.156 χ^2/NDF : 9743.1/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



Right In: 10.235+/-0.507 χ^2/NDF : 277.0/2

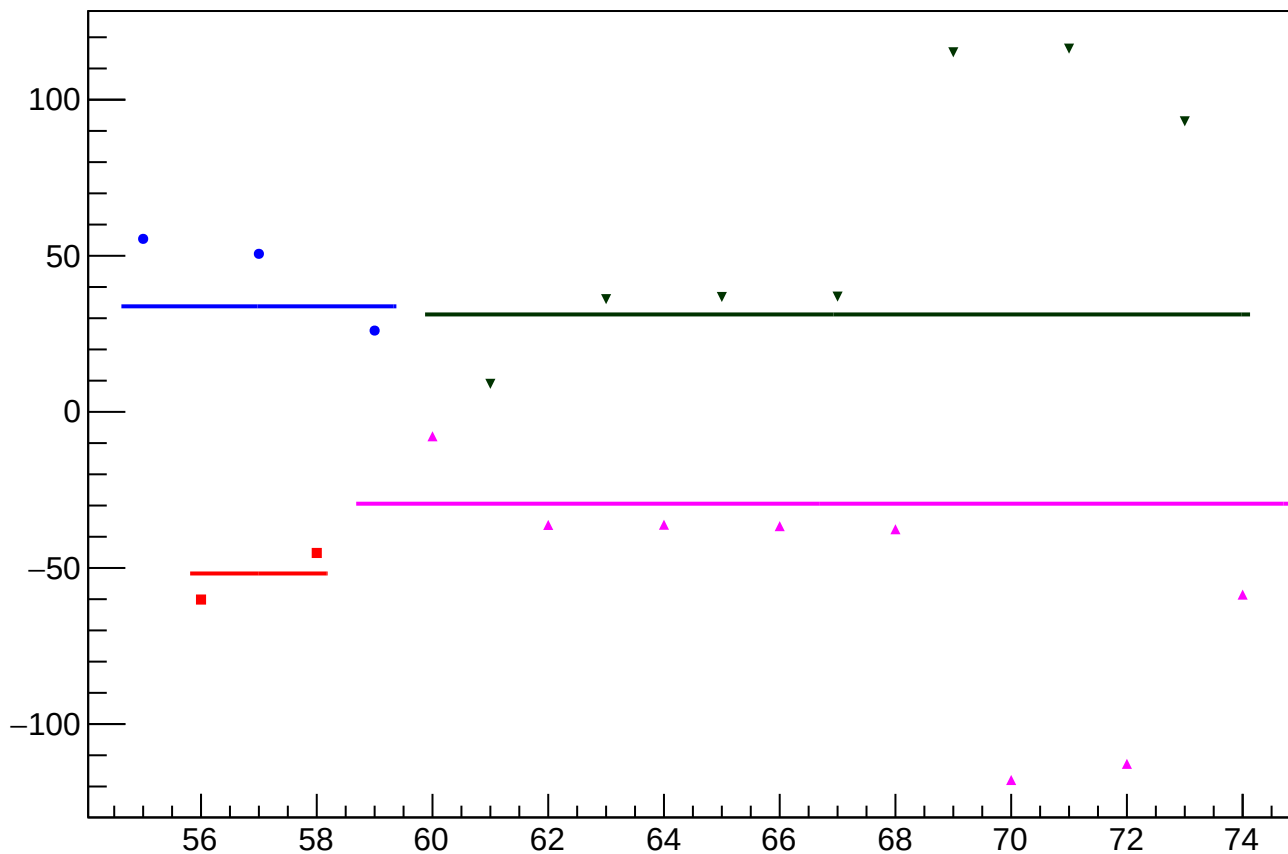
Left Out: -8.248+/-0.317 χ^2/NDF : 1377.1/6

Right Out: -44.271+/-1.197 χ^2/NDF : 0.7/1

Left In: 5.112+/-0.253 χ^2/NDF : 1108.2/7

0.218+/-0.182 χ^2/NDF : 5622.2/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 33.810+/-0.086 χ^2/NDF : 19891.4/2

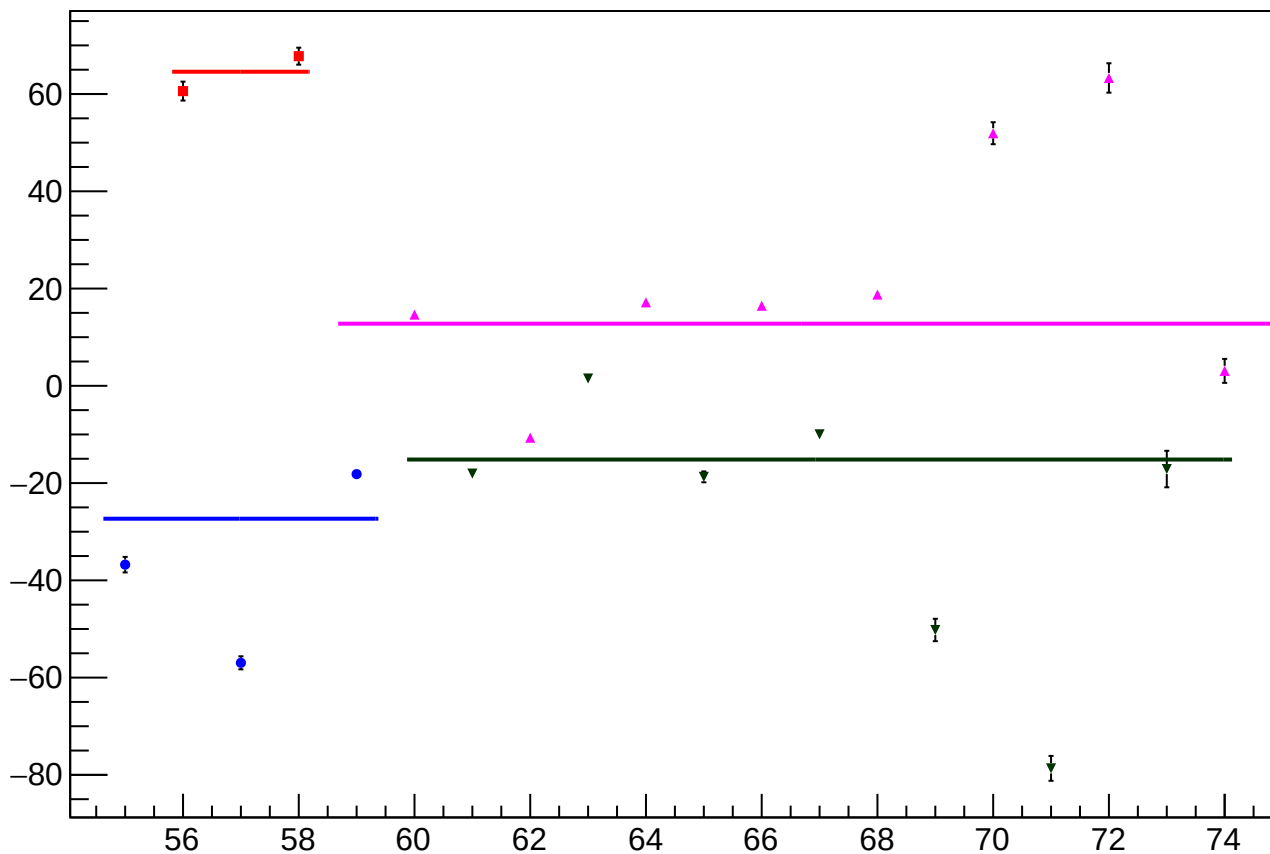
Left Out: 31.213+/-0.043 χ^2/NDF : 288324.6/6

Right Out: -51.766+/-0.190 χ^2/NDF : 1518.5/1

Left In: -29.413+/-0.037 χ^2/NDF : 302301.5/7

-0.670+/-0.026 χ^2/NDF : 2007914.7/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -27.325 $\pm$ 0.564 χ^2 /NDF: 707.0/2

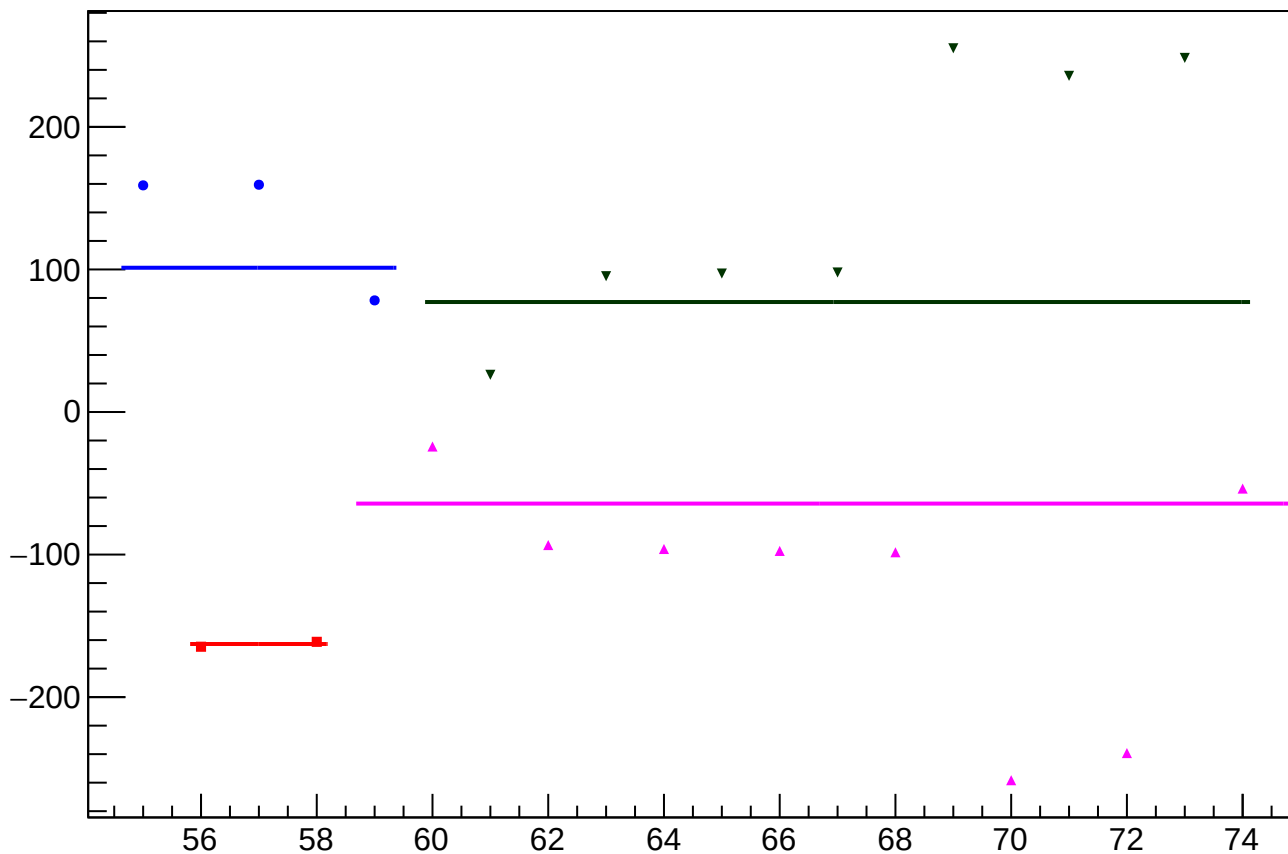
Left Out: -15.158 $\pm$ 0.380 χ^2 /NDF: 1287.0/6

Right Out: 64.582 $\pm$ 1.300 χ^2 /NDF: 7.5/1

Left In: 12.776 $\pm$ 0.331 χ^2 /NDF: 1467.5/7

-1.816 $\pm$ 0.225 χ^2 /NDF: 11301.9/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



Right In: 101.200 $\pm$ 0.108 χ^2 /NDF: 113931.5/2

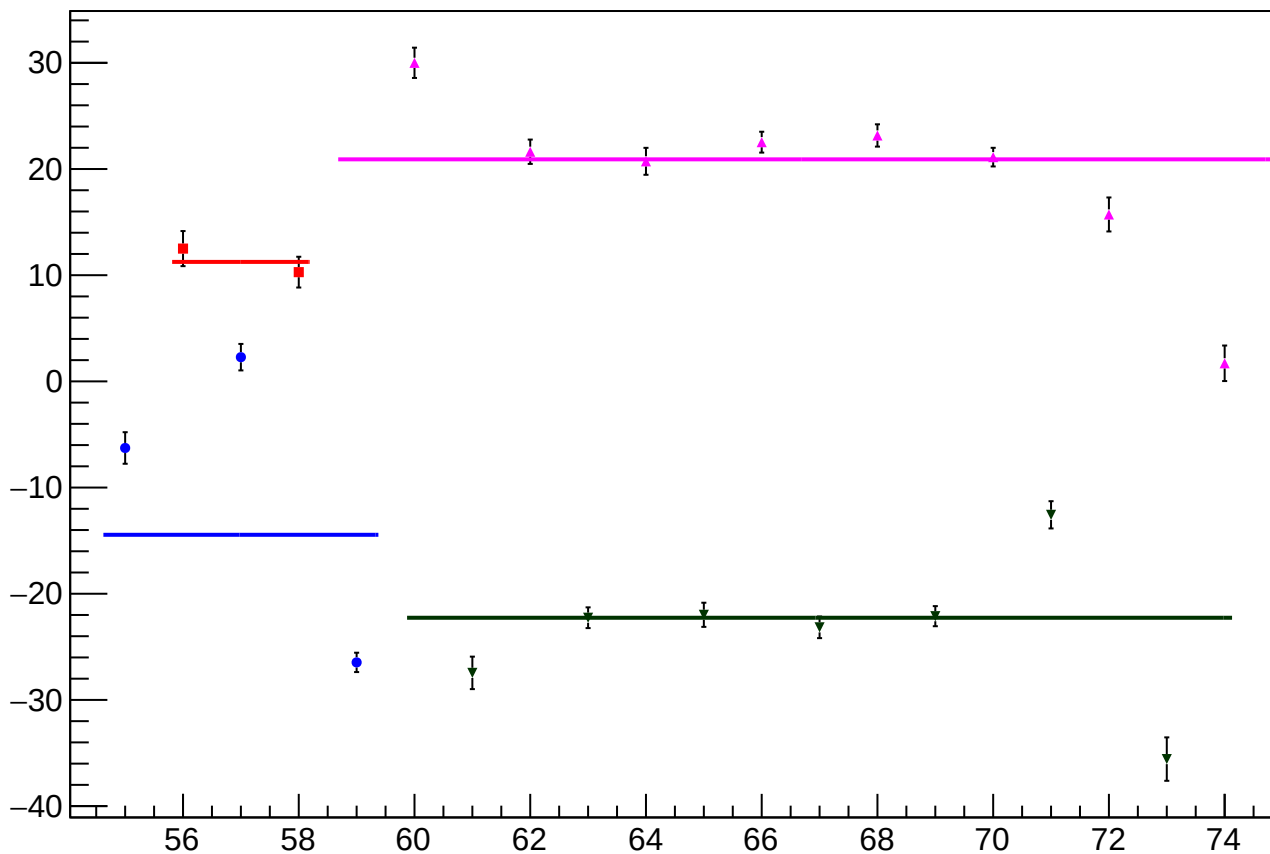
Left Out: 77.156 $\pm$ 0.071 χ^2 /NDF: 698942.3/6

Right Out: -162.734 $\pm$ 0.233 χ^2 /NDF: 53.9/1

Left In: -64.242 $\pm$ 0.058 χ^2 /NDF: 717107.6/7

3.627 $\pm$ 0.041 χ^2 /NDF: 5297968.8/19

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs slug



Right In: -14.449 $\pm$ 0.660 χ^2 /NDF: 383.8/2

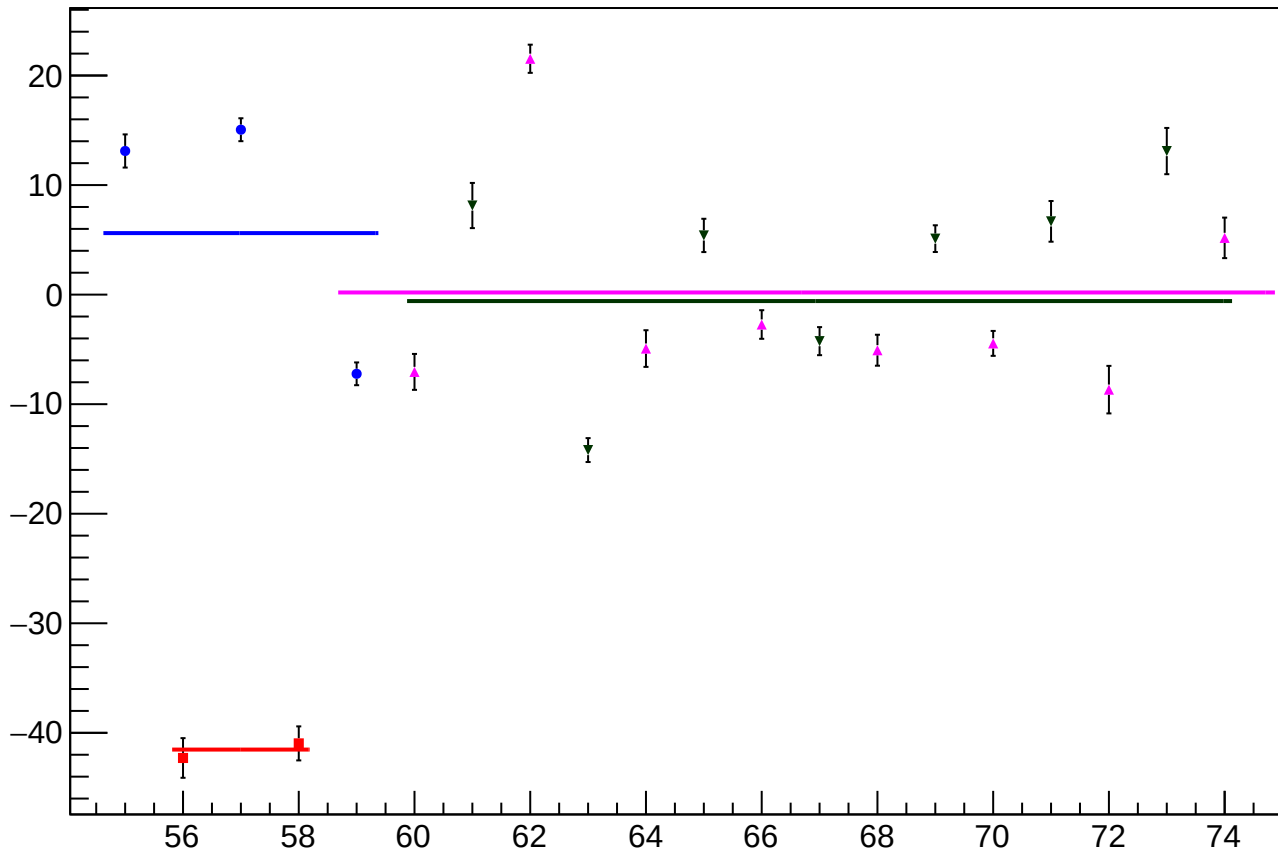
Left Out: -22.262 $\pm$ 0.439 χ^2 /NDF:111.8/6

Right Out: 11.252 $\pm$ 1.089 χ^2 /NDF: 1.0/1

Left In: 20.910 $\pm$ 0.413 χ^2 /NDF:190.7/7

-1.157 $\pm$ 0.266 χ^2 /NDF: 6383.6/19

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs slug



Right In: 5.616 ± 0.663 $\chi^2/\text{NDF}: 258.6/2$

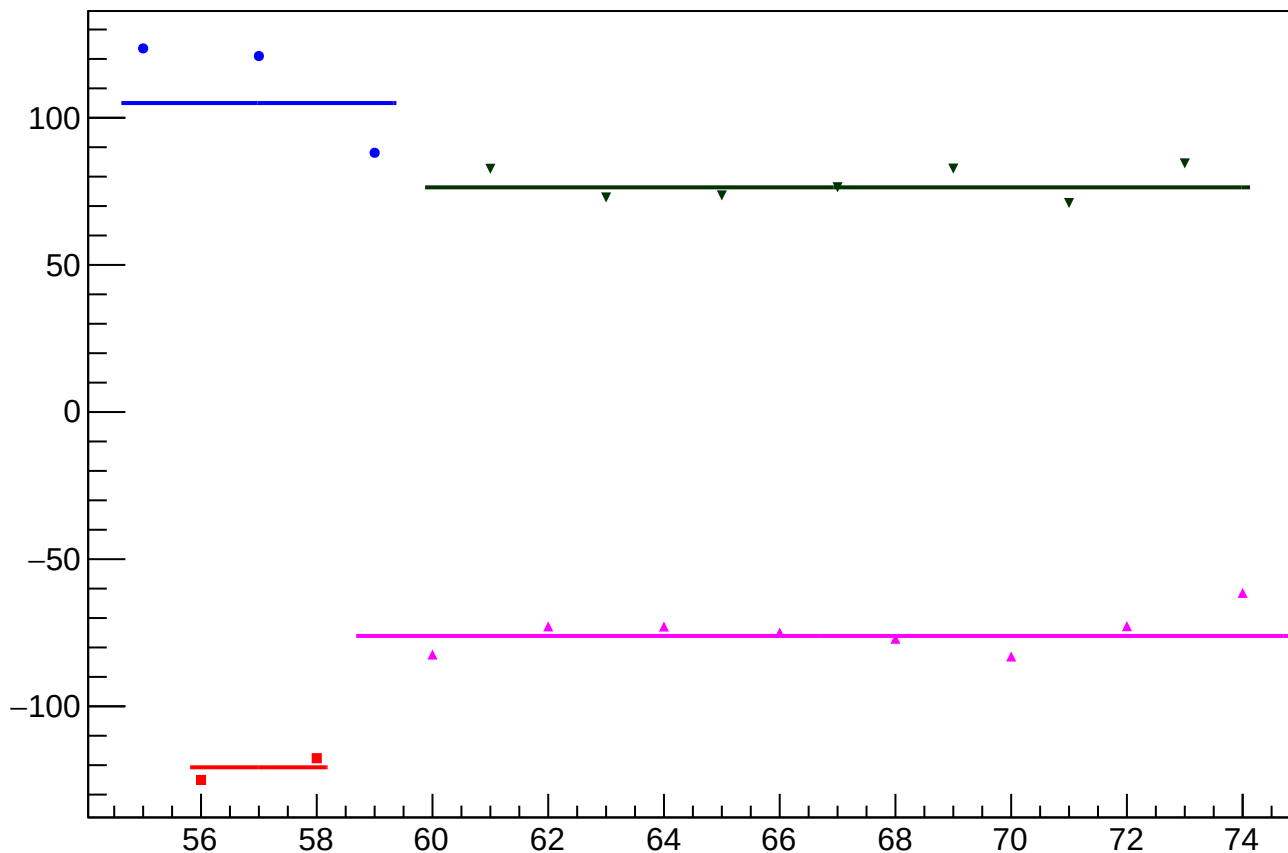
Left Out: -0.589 ± 0.550 $\chi^2/\text{NDF}: 276.1/6$

Right Out: -41.529 ± 1.179 $\chi^2/\text{NDF}: 0.3/1$

Left In: 0.197 ± 0.520 $\chi^2/\text{NDF}: 363.7/7$

-1.833 ± 0.316 $\chi^2/\text{NDF}: 2179.2/19$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 105.009 $\pm$ 0.117 χ^2 /NDF: 21108.2/2

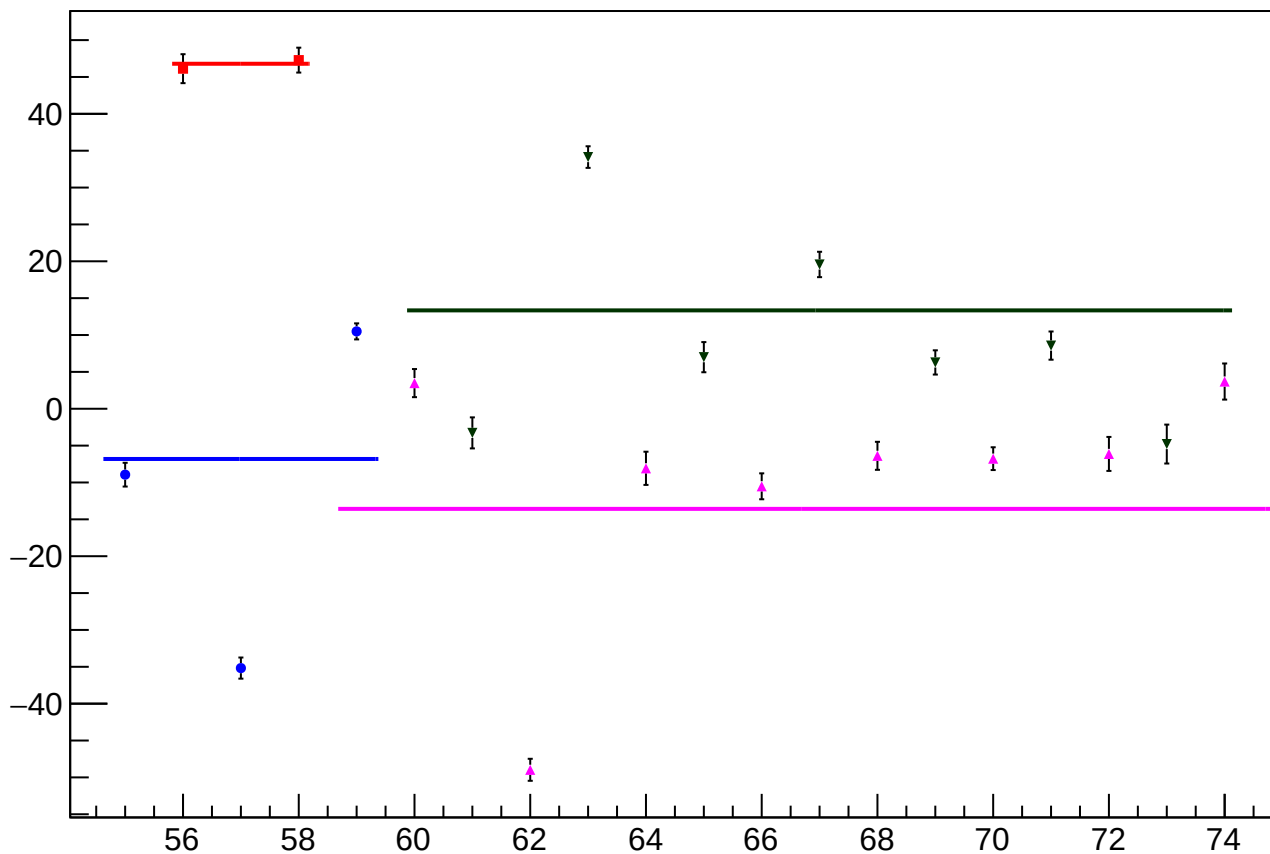
Left Out: 76.358 $\pm$ 0.077 χ^2 /NDF:3231.2/6

5.783 $\pm$ 0.047 χ^2 /NDF: 3321625.2/19

Right Out: -120.727 $\pm$ 0.187 χ^2 /NDF: 380.7/1

Left In: -76.088 $\pm$ 0.073 χ^2 /NDF:4354.4/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: -6.812 ± 0.763 χ^2/NDF : 646.3/2

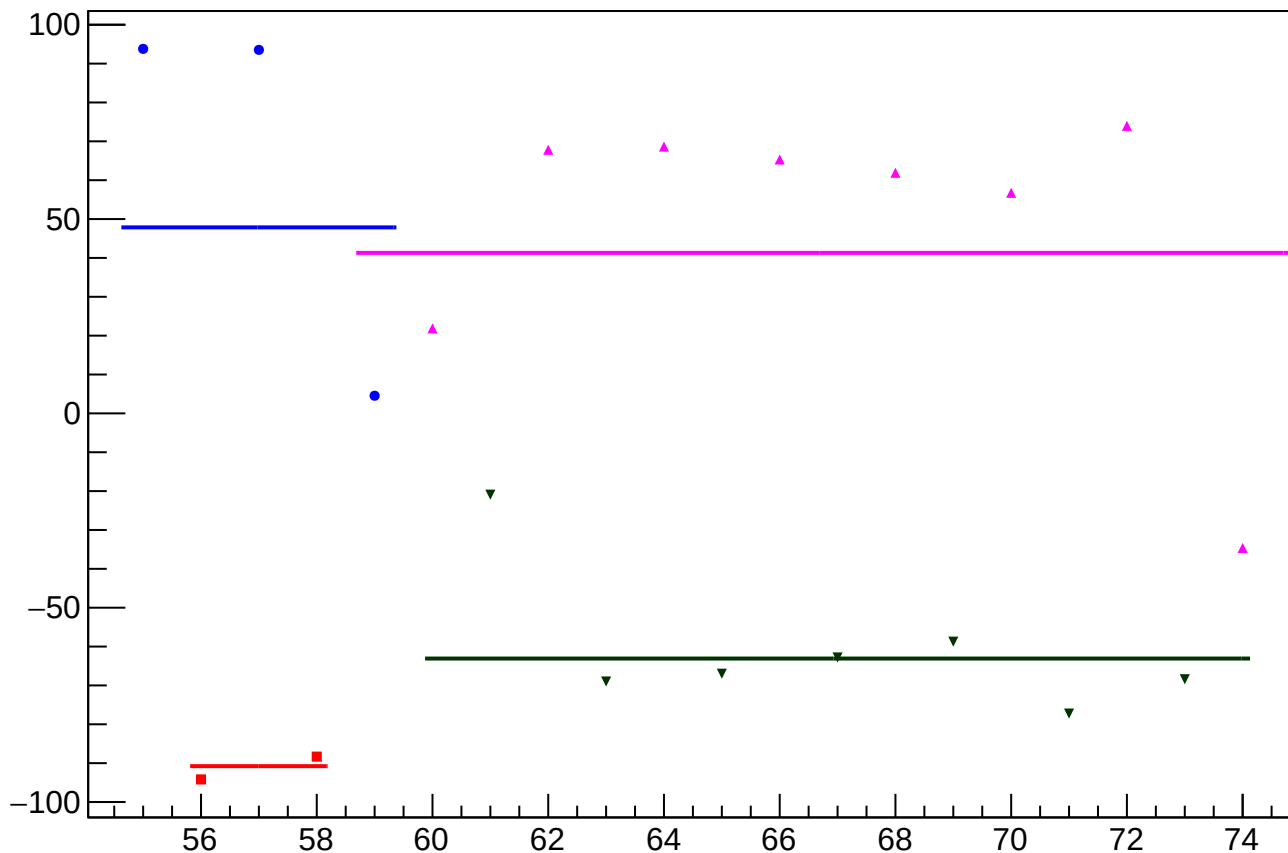
Left Out: 13.342 ± 0.698 χ^2/NDF : 358.3/6

Right Out: 46.793 ± 1.280 χ^2/NDF : 0.2/1

Left In: -13.579 ± 0.660 χ^2/NDF : 745.4/7

1.961 ± 0.387 χ^2/NDF : 3929.0/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



Right In: 47.860 $\pm$ 0.146 χ^2 /NDF: 92520.7/2

Left Out: -63.084 $\pm$ 0.122 χ^2 /NDF: 14420.0/6

Right Out: -90.773 $\pm$ 0.228 χ^2 /NDF: 161.2/1

Left In: 41.299 $\pm$ 0.111 χ^2 /NDF: 125626.6/7

-1.979 $\pm$ 0.068 χ^2 /NDF: 902076.1/19