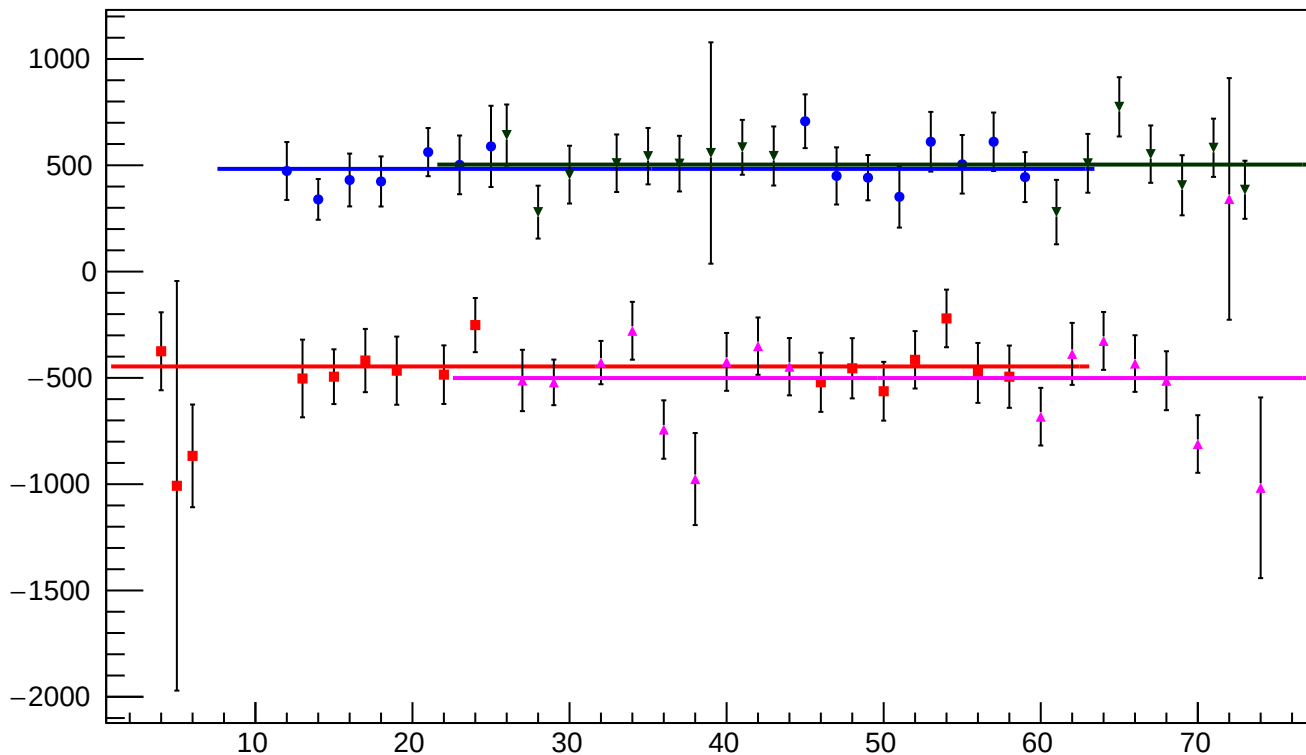


dit_asym_us_avg_mean vs slug



Right In: 483.141 ± 32.621

$\chi^2/\text{NDF}: 9.5/14$

492.508 ± 23.896

$\chi^2/\text{NDF}: 22.2/30$

Left Out: 503.354 ± 35.102

$\chi^2/\text{NDF}: 12.5/15$

Right Out: -446.215 ± 37.887

$\chi^2/\text{NDF}: 10.2/15$

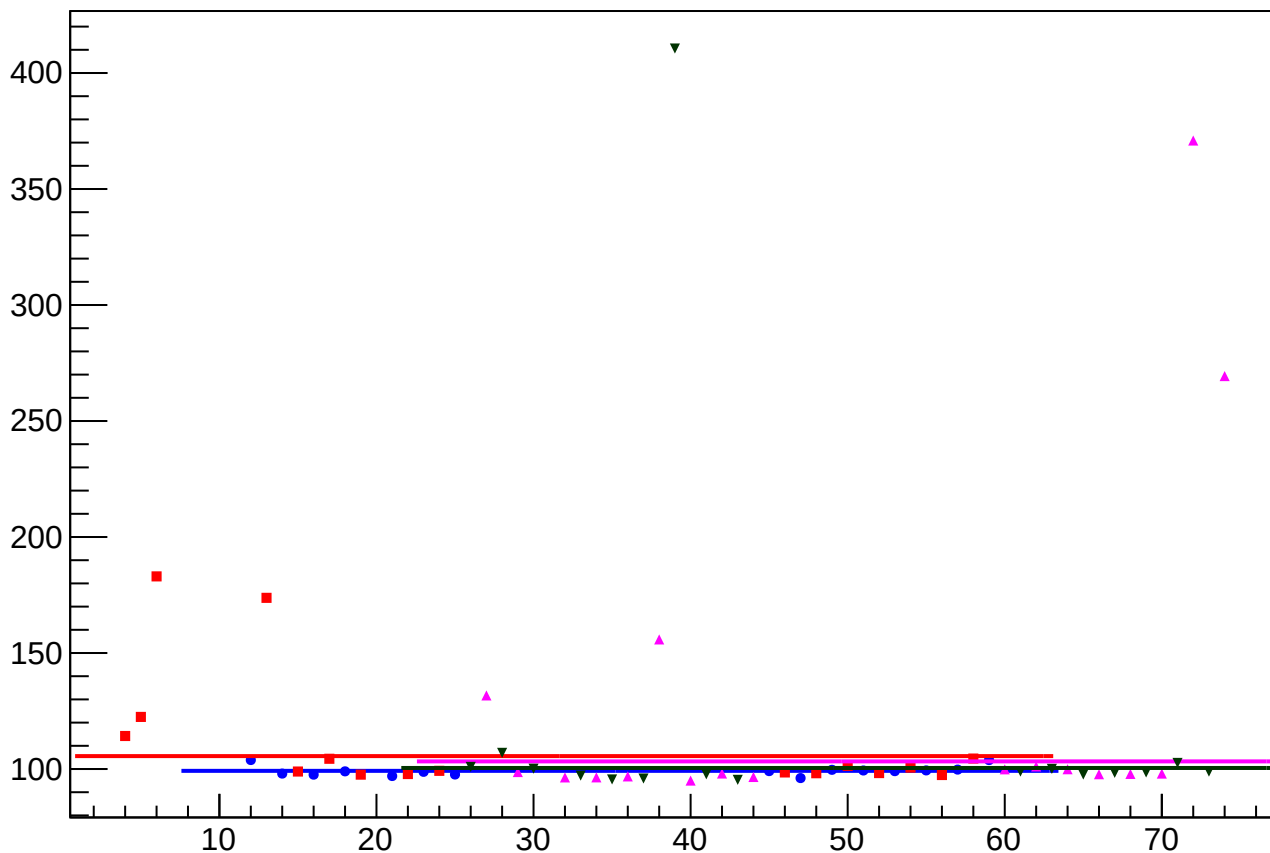
-476.215 ± 25.423

$\chi^2/\text{NDF}: 37.4/32$

Left In: -500.785 ± 34.288

$\chi^2/\text{NDF}: 26.1/16$

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

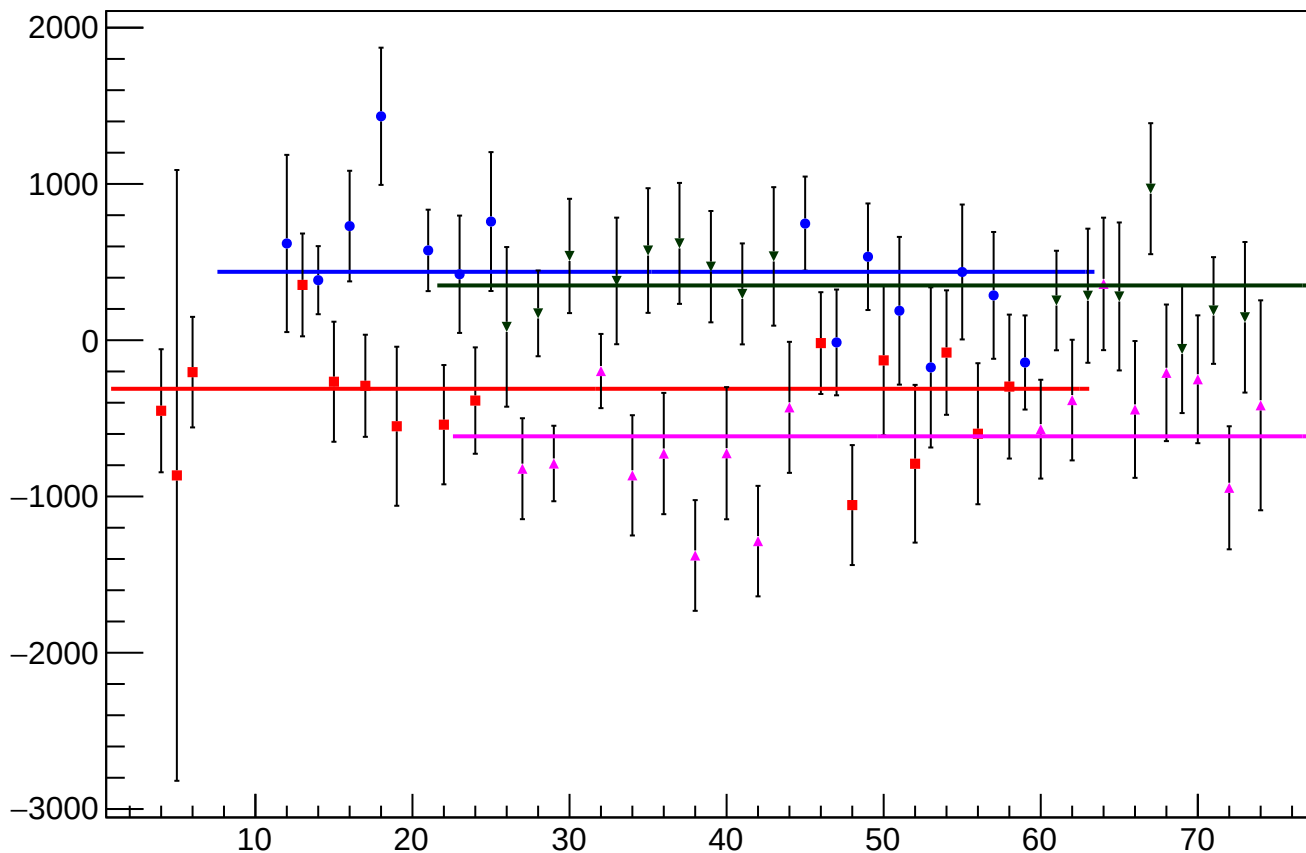
Right Out: 105.563+/-0.027 χ^2/NDF : 538884.2/15

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

99.783+/-0.017 χ^2/NDF : 737249.8/30

104.312+/-0.018 χ^2/NDF : 1537500.3/32

asym_us_avg_mean vs slug



Right In: 437.682 ± 90.035 $\chi^2/\text{NDF}: 15.3/14$

Left Out: 350.468 ± 95.139 $\chi^2/\text{NDF}: 5.8/15$

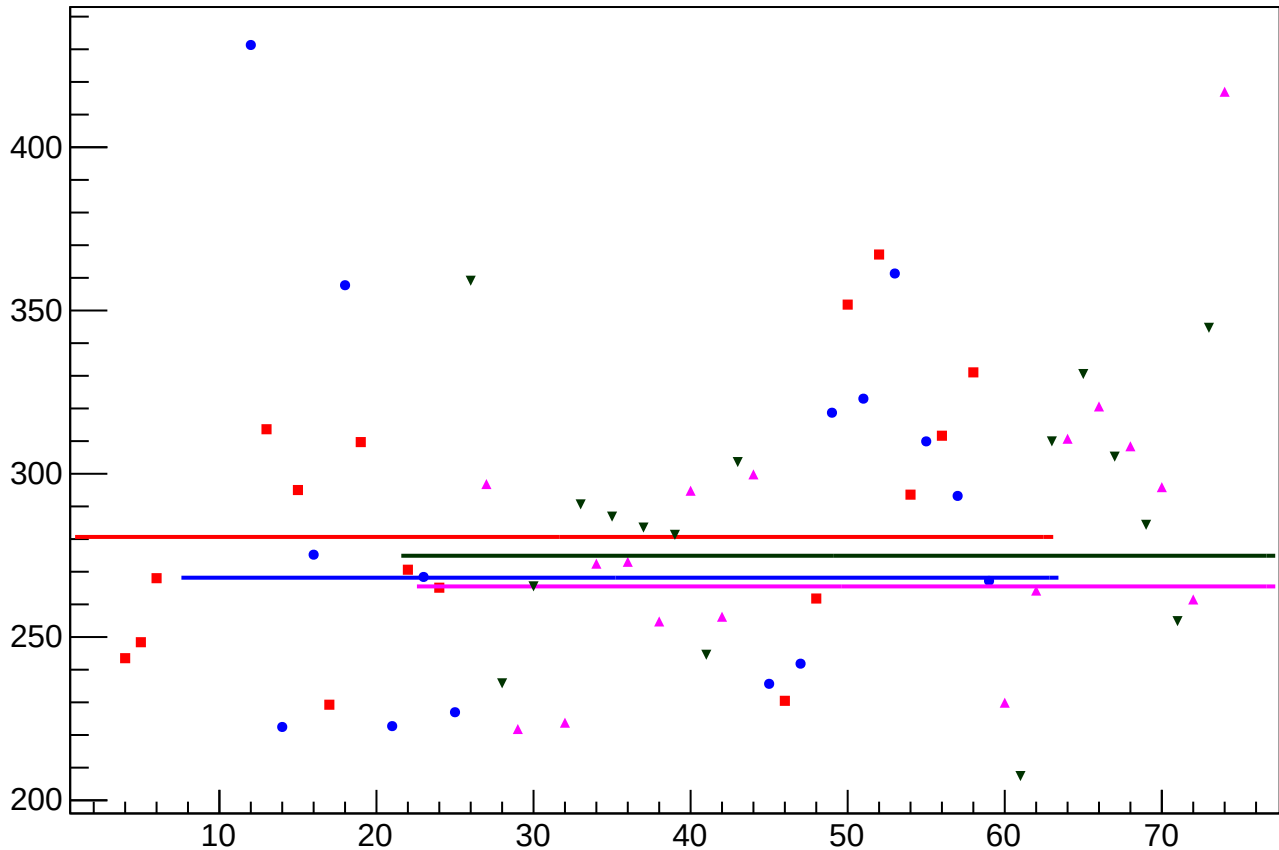
Right Out: -310.873 ± 100.074 $\chi^2/\text{NDF}: 11.4/15$

Left In: -615.044 ± 86.879 $\chi^2/\text{NDF}: 21.3/16$

396.477 ± 65.394 $\chi^2/\text{NDF}: 21.5/30$

-484.320 ± 65.606 $\chi^2/\text{NDF}: 38.0/32$

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

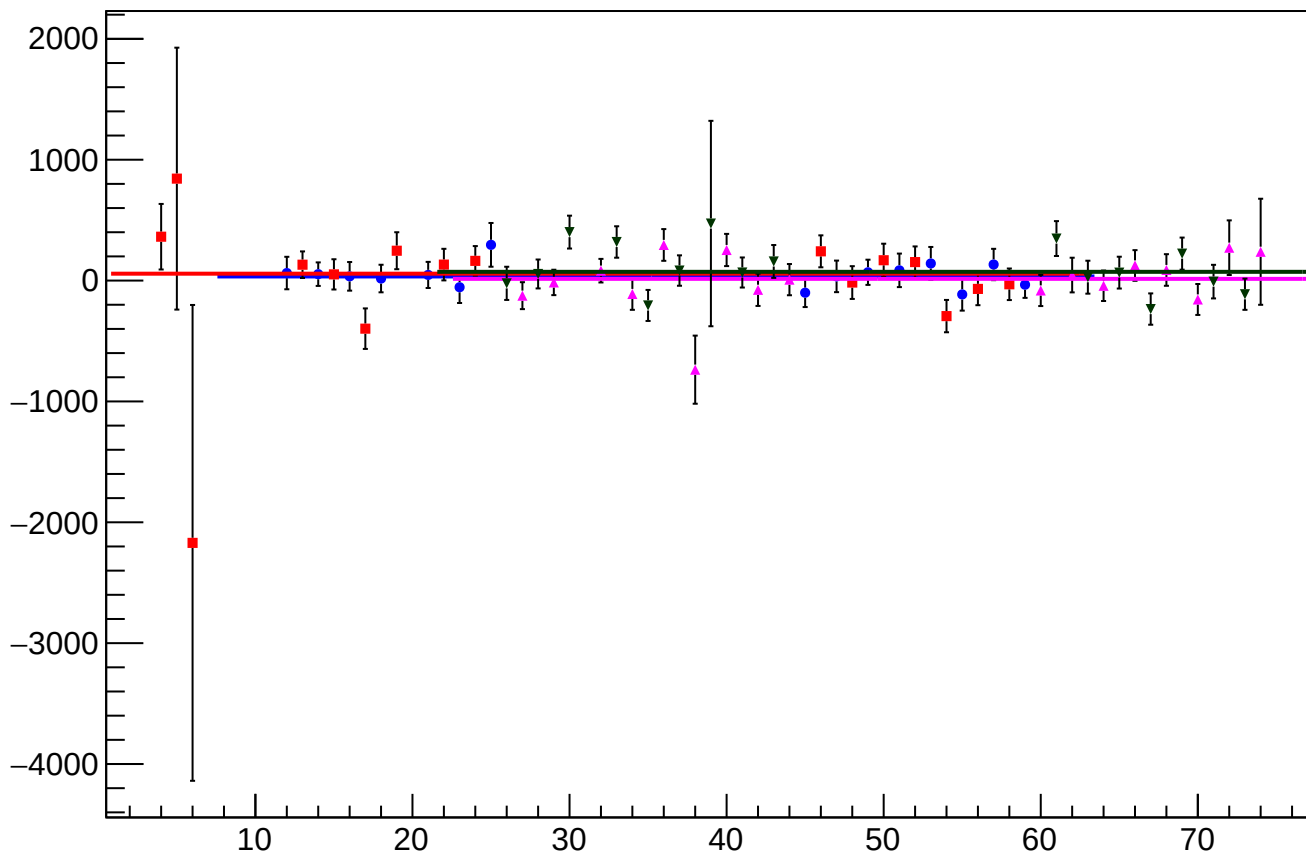
Right Out: 280.656 ± 0.071 χ^2/NDF : 295843.2/15

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

271.348 ± 0.046 χ^2/NDF : 939506.0/30

272.015 ± 0.046 χ^2/NDF : 707745.1/32

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

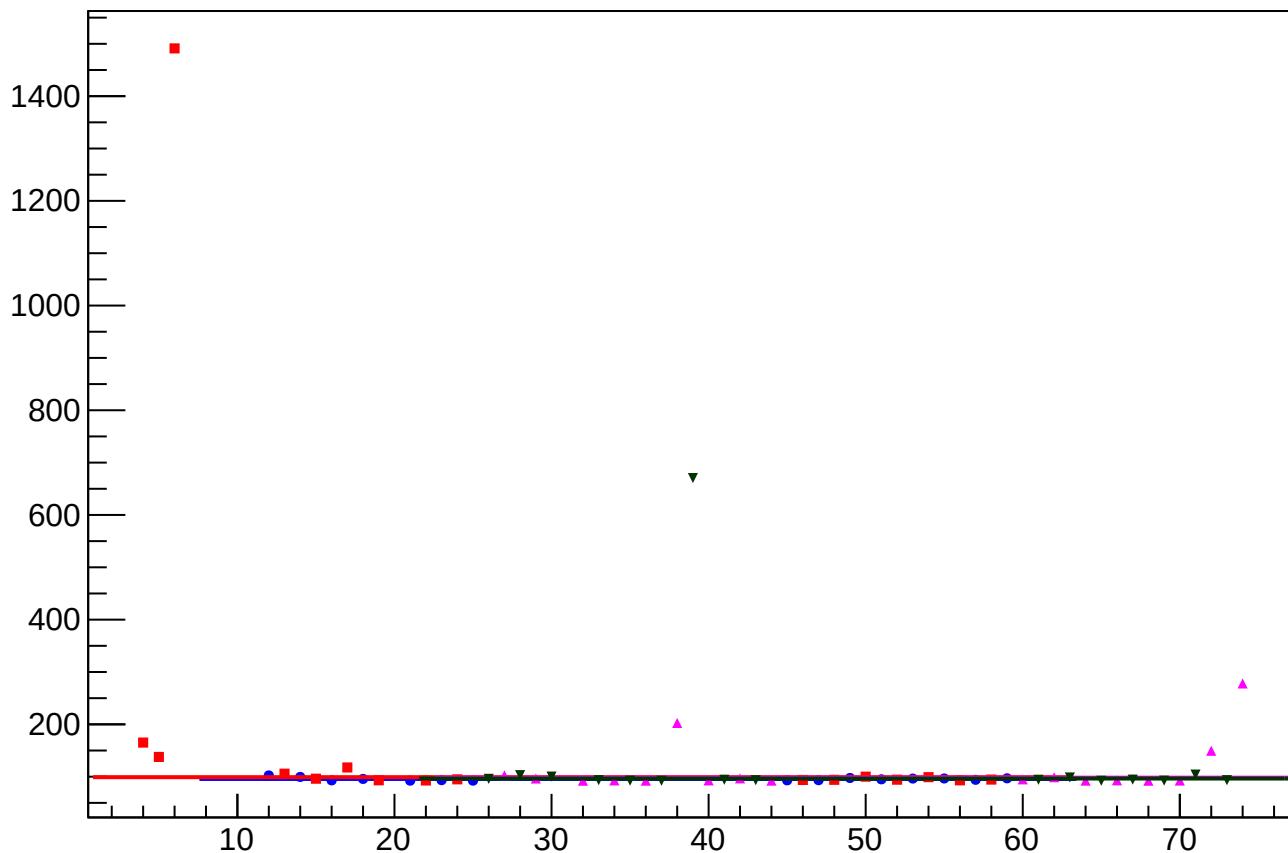
Right Out: 57.015+/-36.289 χ^2/NDF : 25.2/15

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

51.777+/-23.070 χ^2/NDF : 36.1/30

33.127+/-24.150 χ^2/NDF : 49.6/32

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

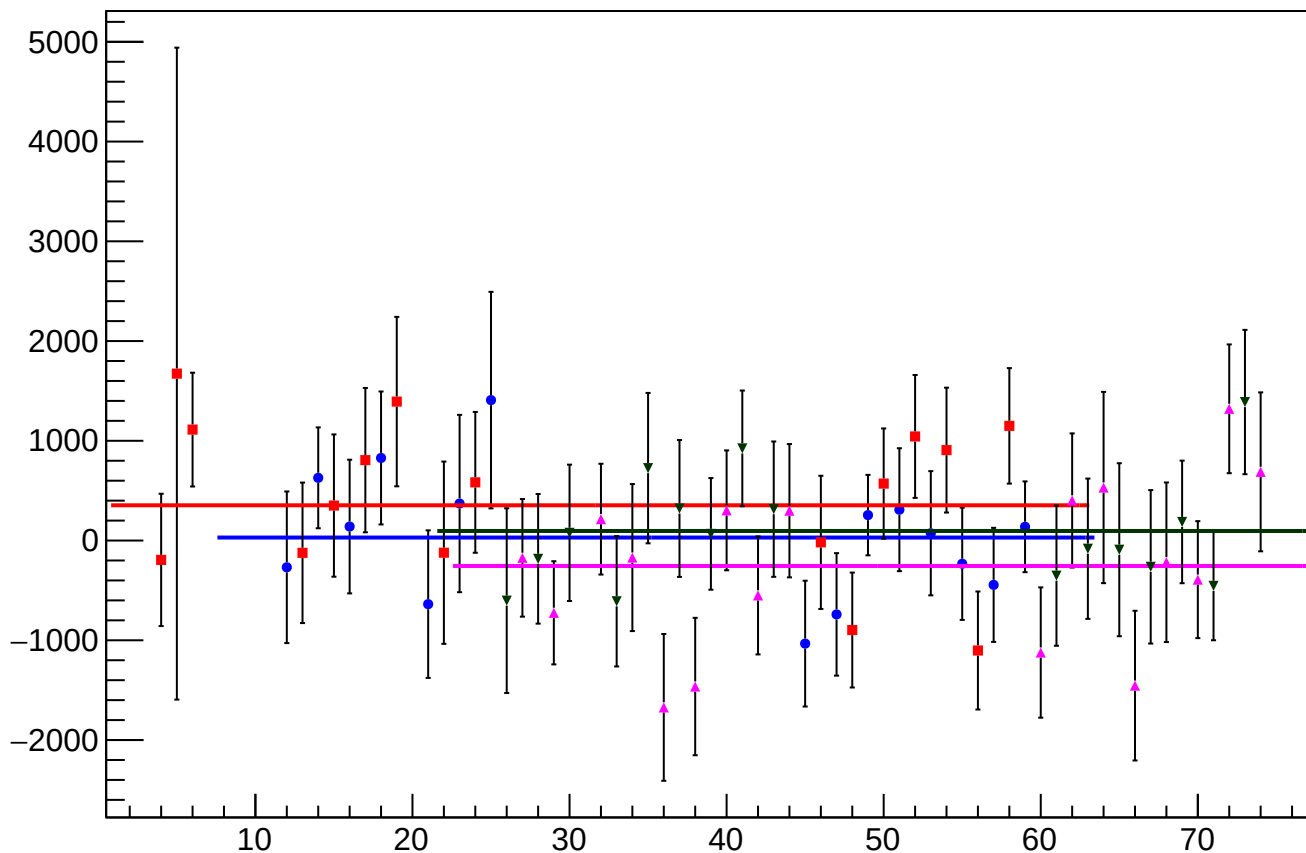
Right Out: 99.086+/-0.026 χ^2 /NDF: 1179854.7/15

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

96.048+/-0.016 χ^2 /NDF: 955370.0/30

98.582+/-0.017 χ^2 /NDF: 1936024.8/32

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

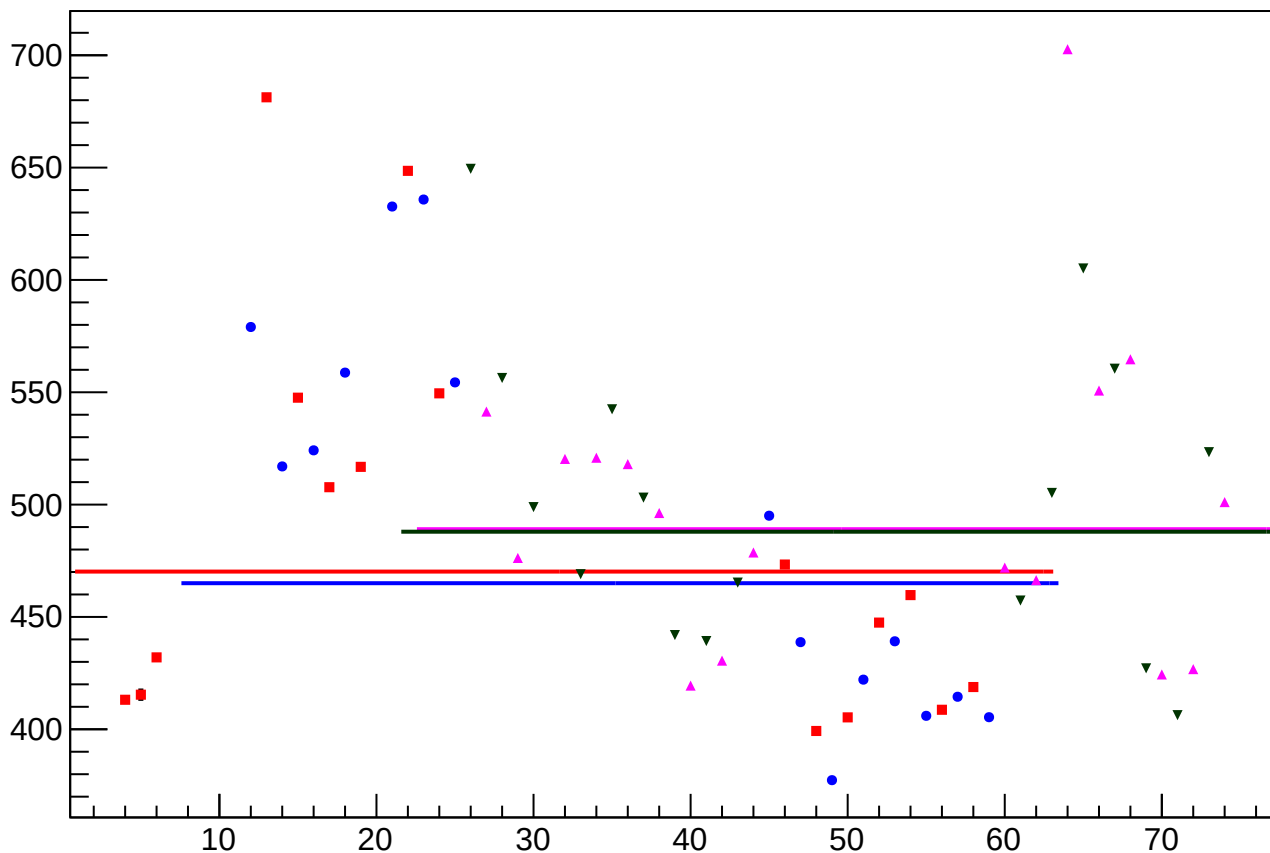
Right Out: 353.448 ± 167.878 χ^2/NDF : 20.5/15

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

60.268 ± 114.061 χ^2/NDF : 21.4/30

33.440 ± 115.575 χ^2/NDF : 50.9/32

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

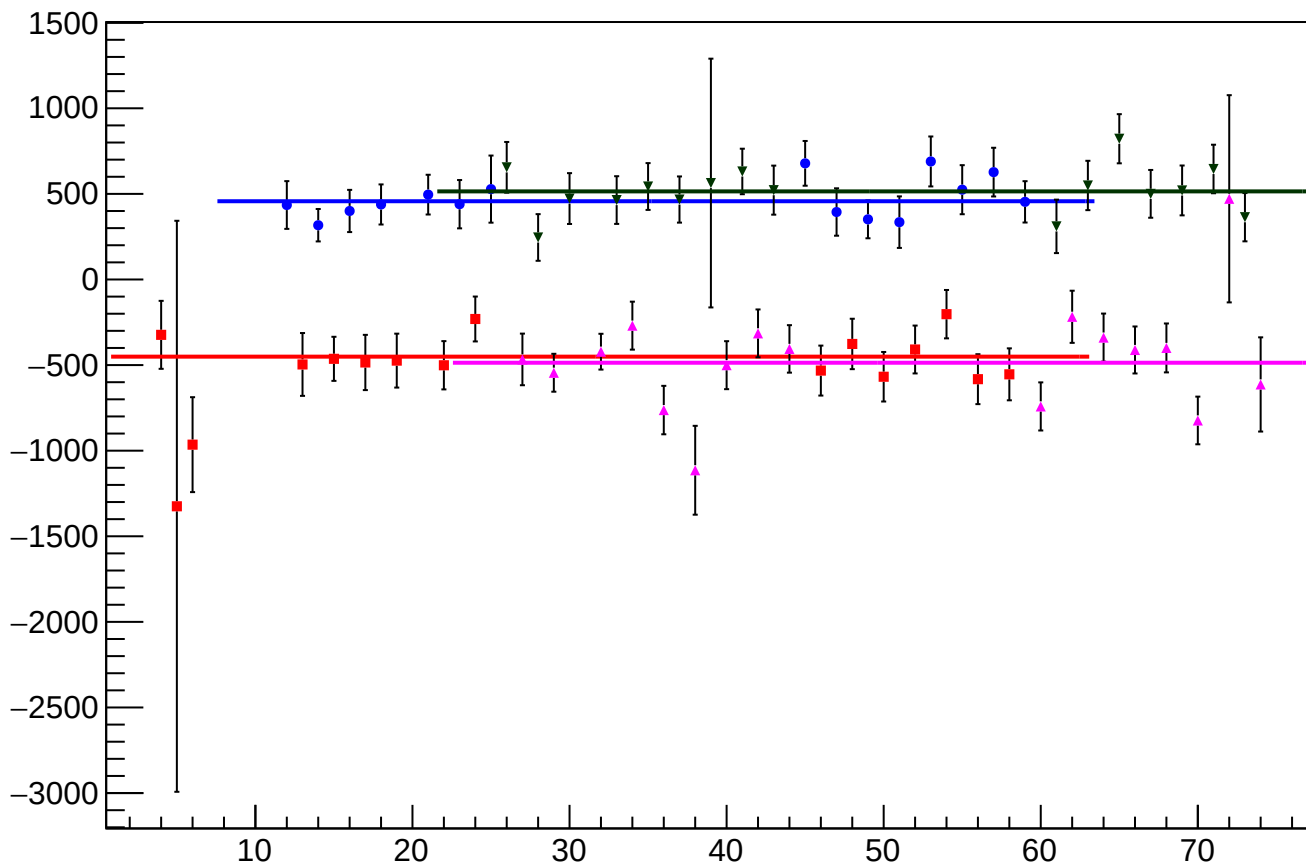
Right Out: 470.189+/-0.119 χ^2/NDF : 439071.0/15

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

475.522+/-0.081 χ^2/NDF : 774327.3/30

480.112+/-0.082 χ^2/NDF : 707350.5/32

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

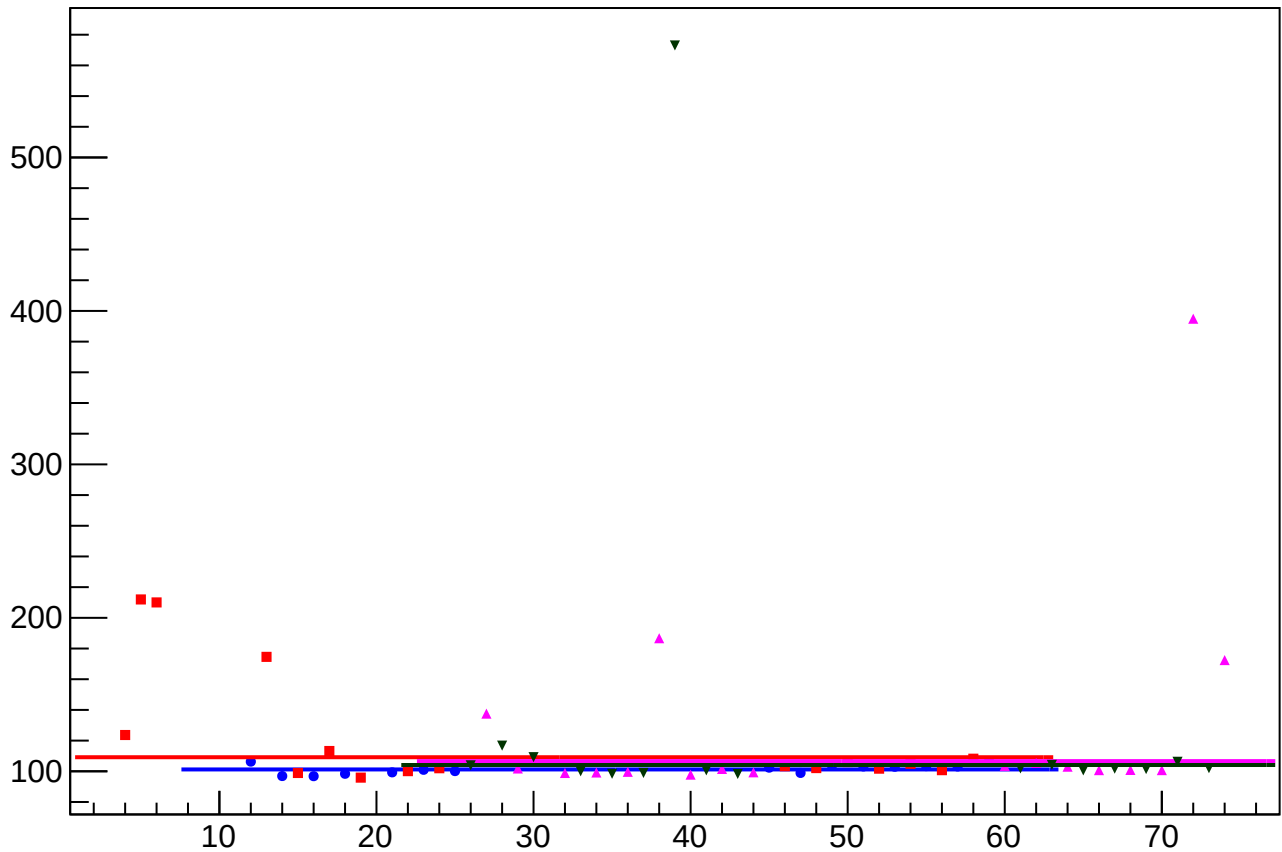
Right Out: -450.725 $\pm$ 39.266 χ^2 /NDF: 12.9/15

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

483.171 $\pm$ 24.614 χ^2 /NDF: 27.2/30

-470.389 $\pm$ 26.264 χ^2 /NDF: 44.7/32

dit_asym_ds_avg_rms vs slug



Right In: 101.207 $\pm$ 0.024 χ^2 /NDF: 18261.8/14

Left Out: 104.098 $\pm$ 0.026 χ^2 /NDF: 869164.2/15

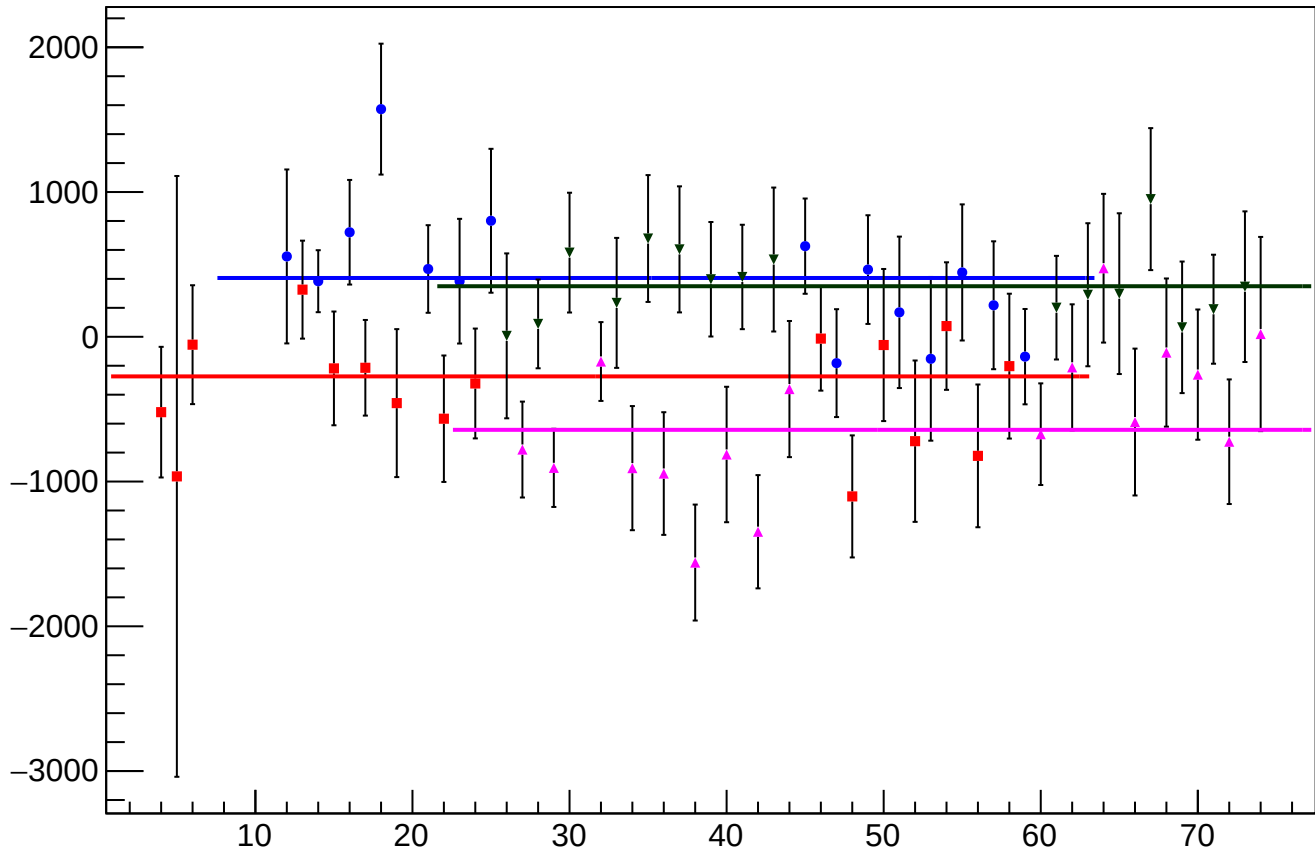
Right Out: 109.164 $\pm$ 0.028 χ^2 /NDF: 602715.7/15

Left In: 106.635 $\pm$ 0.025 χ^2 /NDF: 897191.9/16

102.518 $\pm$ 0.017 χ^2 /NDF: 894267.2/30

107.766 $\pm$ 0.019 χ^2 /NDF: 1504491.5/32

asym_ds_avg_mean vs slug



Right In: 406.234 ± 96.820 χ^2/NDF : 15.2/14

Left Out: 349.248 ± 106.590 χ^2/NDF : 4.8/15

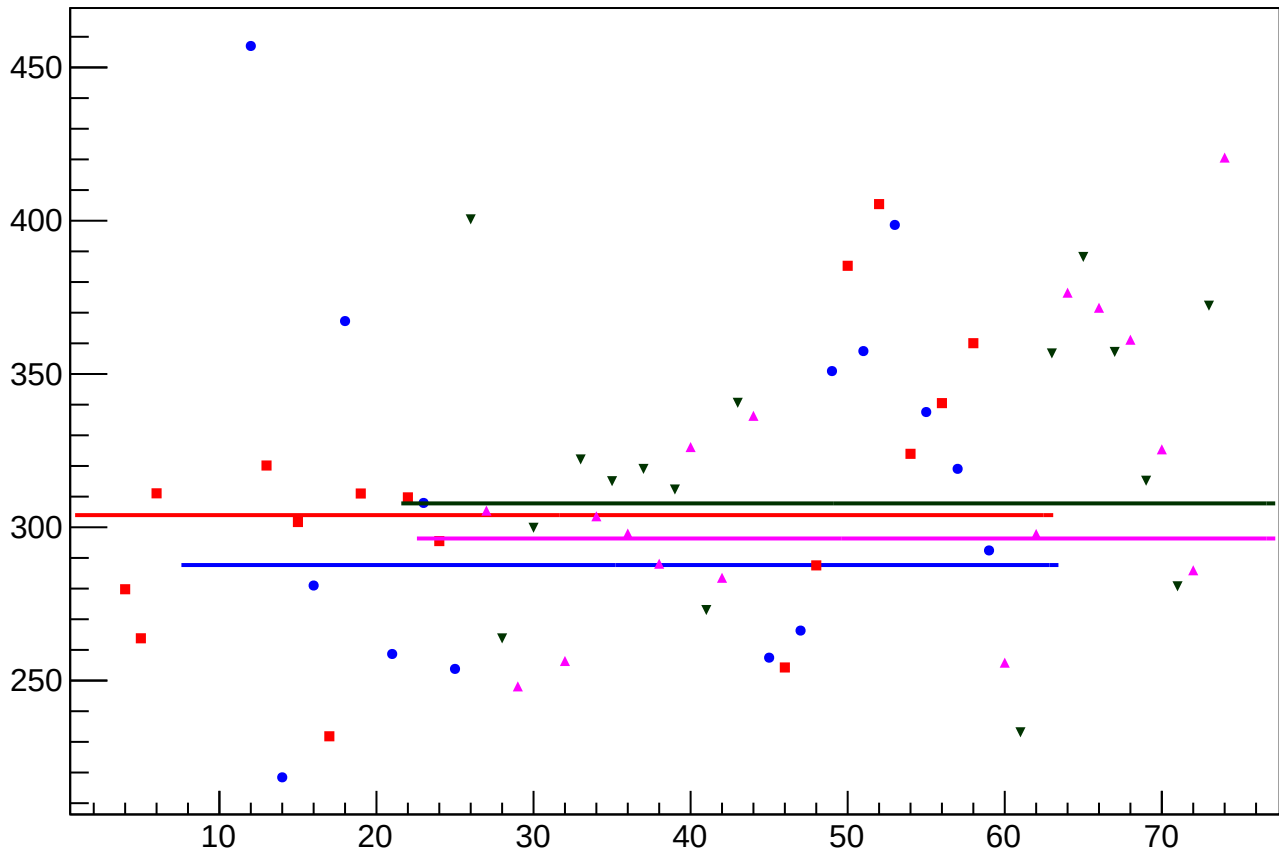
Right Out: -273.647 ± 108.510 χ^2/NDF : 11.6/15

Left In: -642.763 ± 96.844 χ^2/NDF : 22.5/16

380.472 ± 71.668 χ^2/NDF : 20.2/30

-479.108 ± 72.253 χ^2/NDF : 40.5/32

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

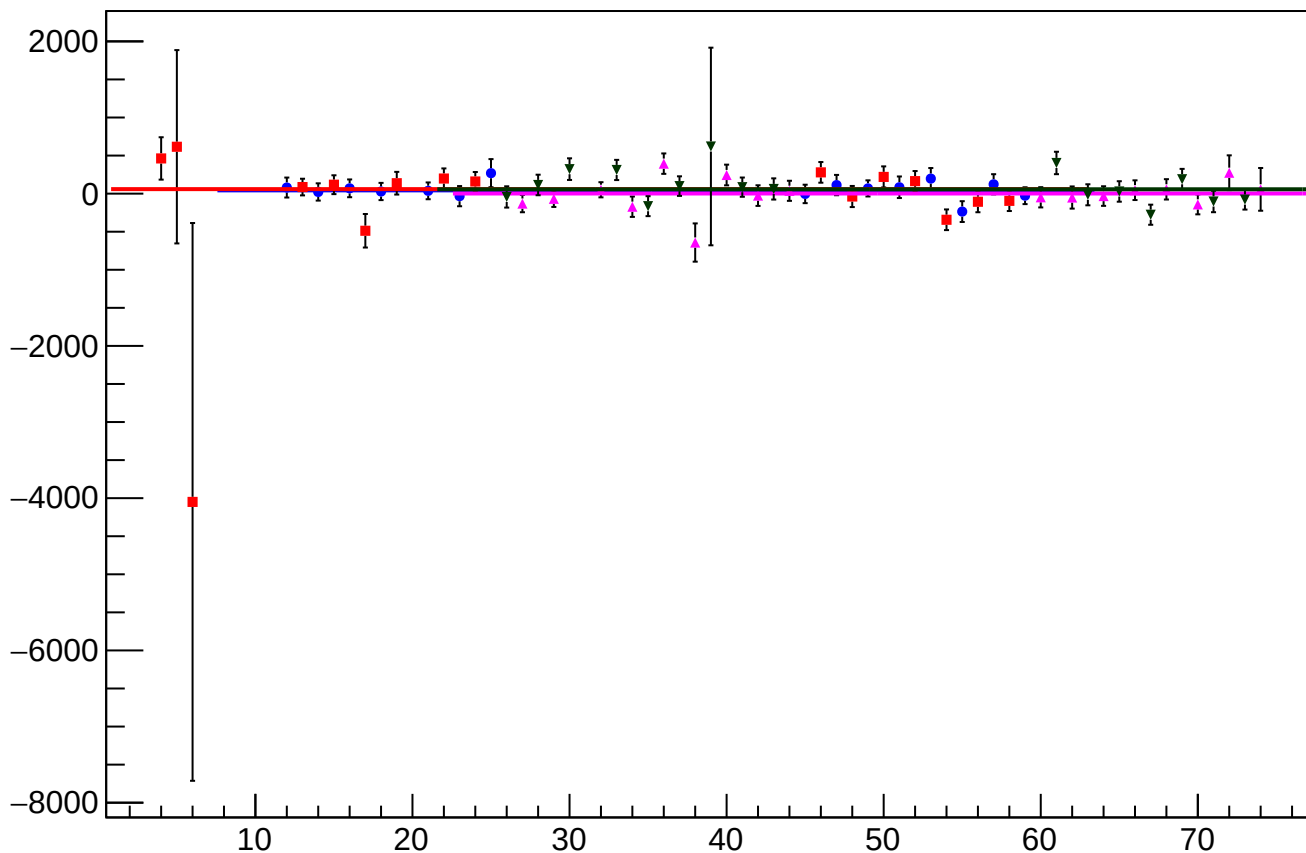
296.774+/-0.051 χ^2/NDF : 1064502.9/30

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

299.724+/-0.051 χ^2/NDF : 674289.1/32

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

dit_asym_ds_dd_mean vs slug



Right In: 43.051 $\pm$ 32.219 χ^2 /NDF: 8.7/14

Left Out: 57.313 $\pm$ 34.935 χ^2 /NDF:26.5/15

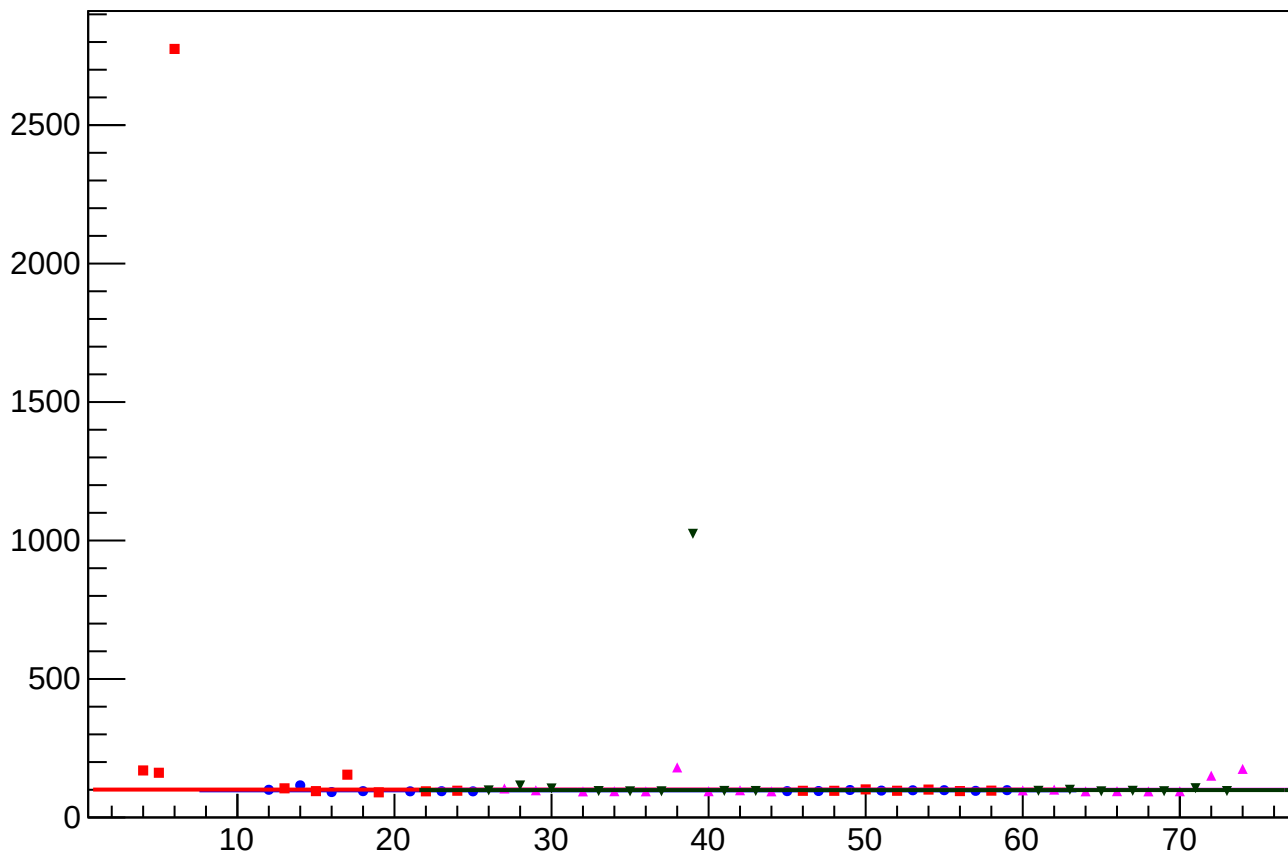
Right Out: 59.303 $\pm$ 37.066 χ^2 /NDF: 28.7/15

Left In: 1.947 $\pm$ 32.797 χ^2 /NDF:25.4/16

49.606 $\pm$ 23.684 χ^2 /NDF: 35.4/30

27.133 $\pm$ 24.562 χ^2 /NDF: 55.4/32

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

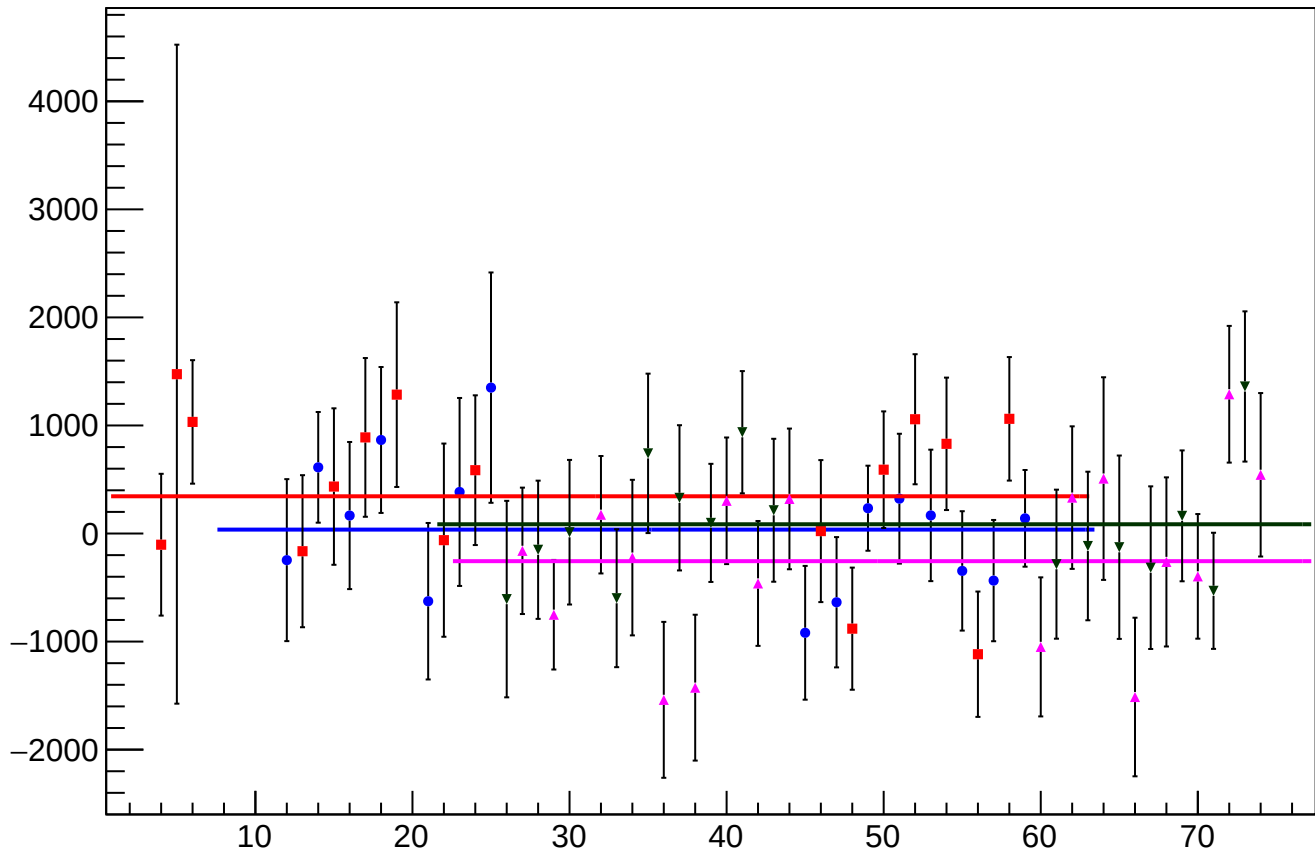
Right Out: 100.653+/-0.026 χ^2/NDF : 1347280.7/15

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

98.327+/-0.017 χ^2/NDF : 1135890.2/30

100.396+/-0.017 χ^2/NDF : 1835117.0/32

asym_ds_dd_mean vs slug



Right In: 36.264+/-152.874 χ^2/NDF : 10.9/14

Left Out: 85.661+/-164.885 χ^2/NDF : 10.5/15

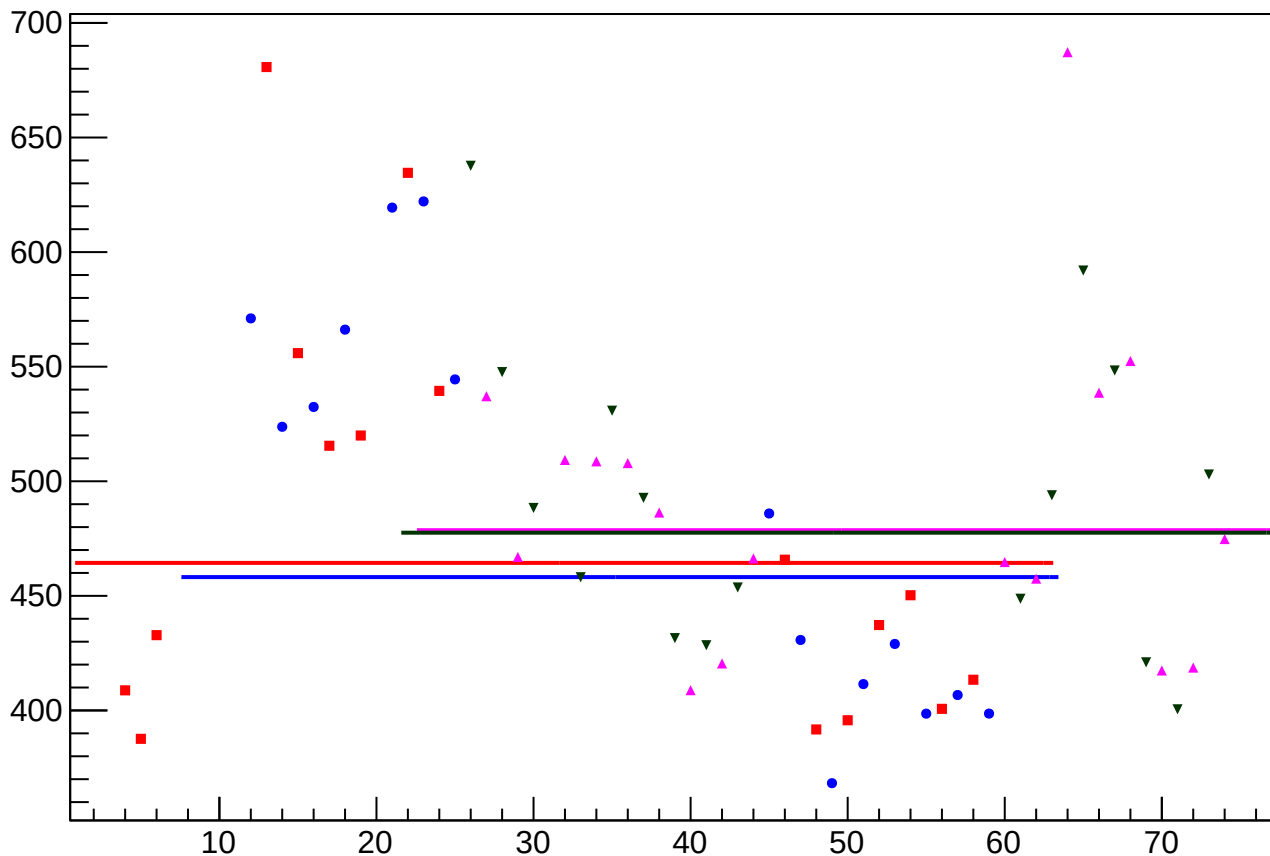
59.098+/-112.104 χ^2/NDF : 21.4/30

Right Out: 344.572+/-165.948 χ^2/NDF : 19.8/15

25.754+/-113.653 χ^2/NDF : 49.4/32

Left In: -255.891+/-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

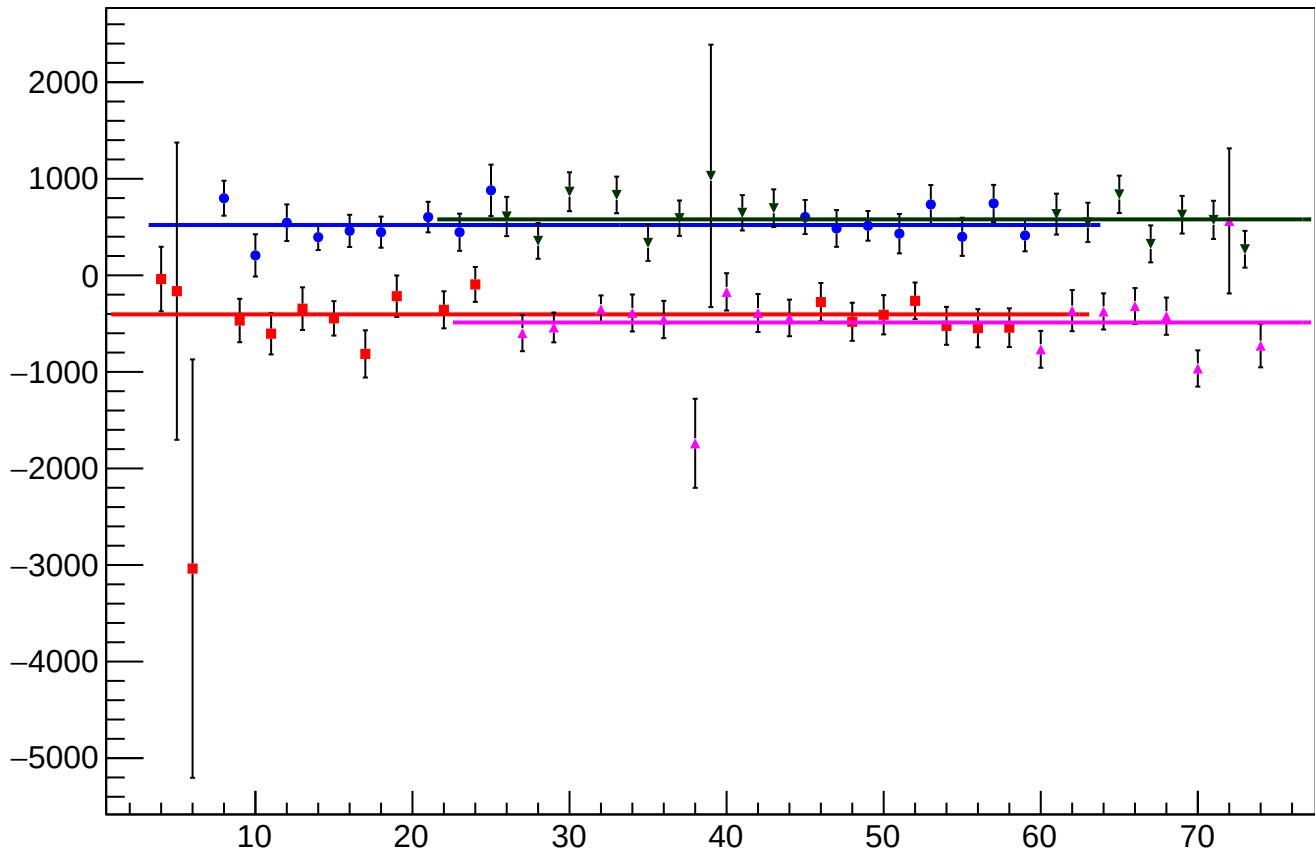
Right Out: 464.379 ± 0.117 χ^2/NDF : 467507.3/15

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

467.143 ± 0.079 χ^2/NDF : 807649.6/30

471.959 ± 0.080 χ^2/NDF : 732864.9/32

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

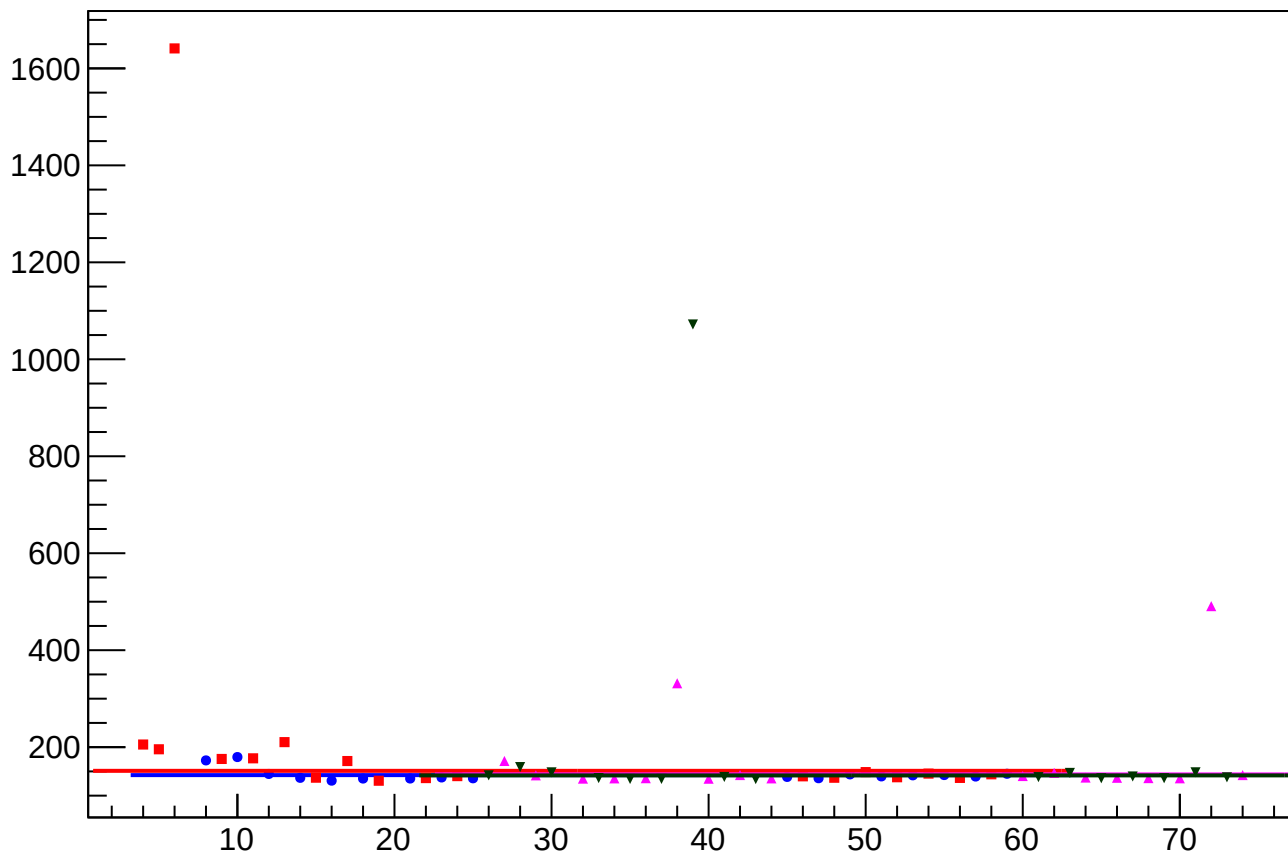
546.357+/-32.756 χ^2 /NDF: 26.3/32

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

-449.536+/-34.899 χ^2 /NDF: 39.6/34

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

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

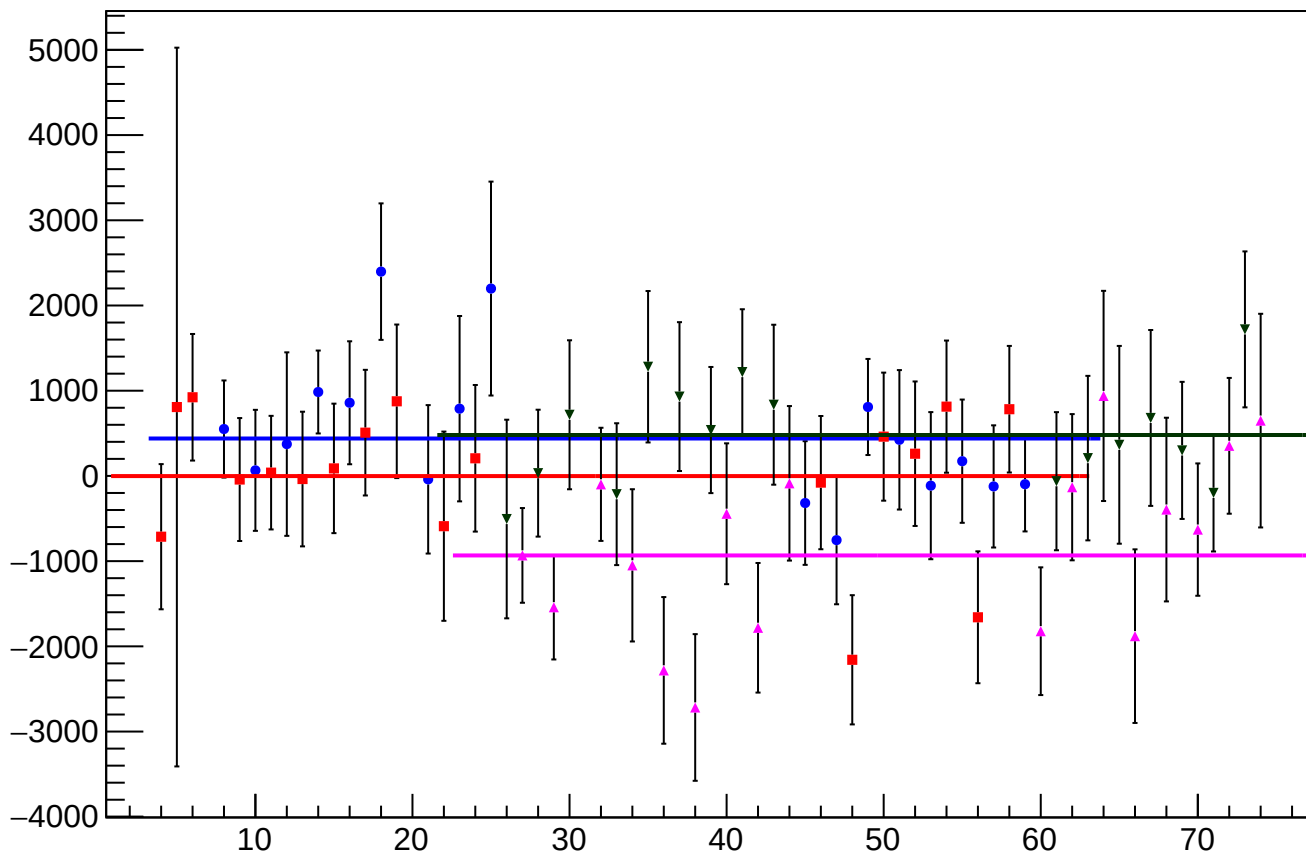
Right Out: 151.177+/-0.036 χ^2/NDF : 1302612.6/17

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

142.096+/-0.023 χ^2/NDF : 1119432.7/32

147.188+/-0.025 χ^2/NDF : 2163220.8/34

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

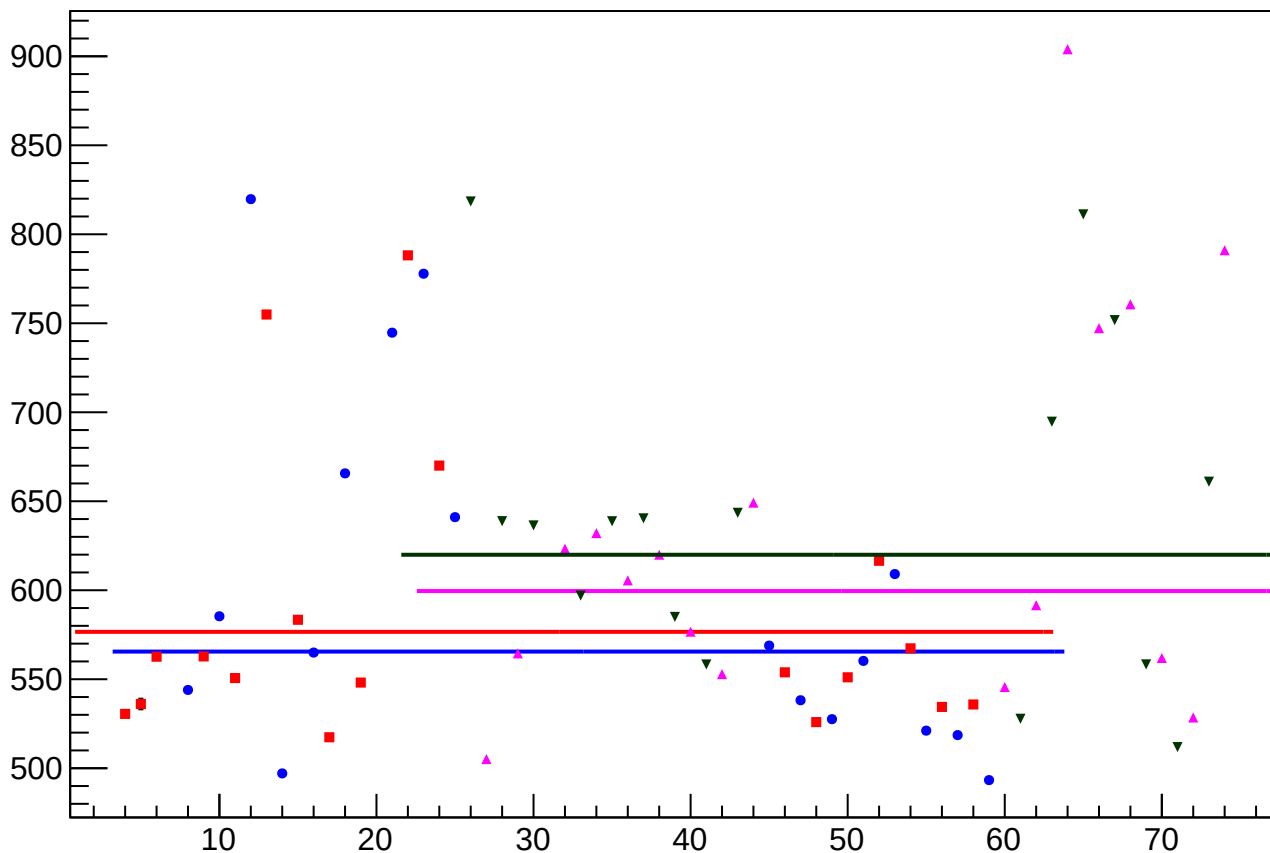
Right Out: -1.877 ± 190.109 χ^2/NDF : 19.4/17

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

455.429 ± 134.861 χ^2/NDF : 23.9/32

-453.265 ± 136.473 χ^2/NDF : 52.9/34

asym_usl_rms vs slug



Right In: 565.537 $\pm$ 0.123 χ^2 /NDF: 421789.4/16

Left Out: 619.933 $\pm$ 0.151 χ^2 /NDF:273155.7/15

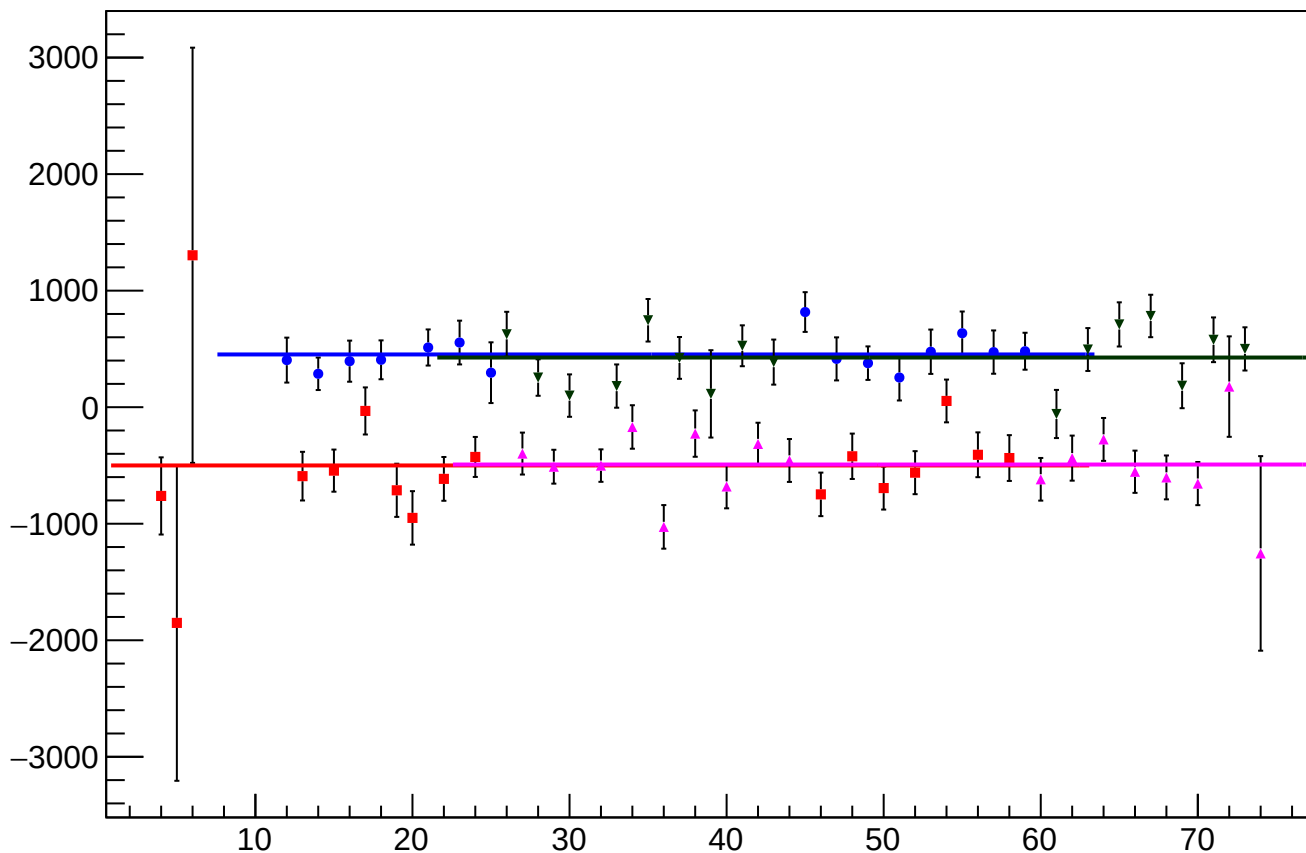
Right Out: 576.627 $\pm$ 0.134 χ^2 /NDF: 253222.2/17

Left In: 599.546 $\pm$ 0.139 χ^2 /NDF:372100.1/16

587.104 $\pm$ 0.095 χ^2 /NDF: 772803.4/32

587.735 $\pm$ 0.097 χ^2 /NDF: 639409.8/34

dit_asym_usr_mean vs slug



Right In: 452.572 ± 44.982 χ^2/NDF : 9.4/14

Left Out: 426.118 ± 47.219 χ^2/NDF : 25.5/15

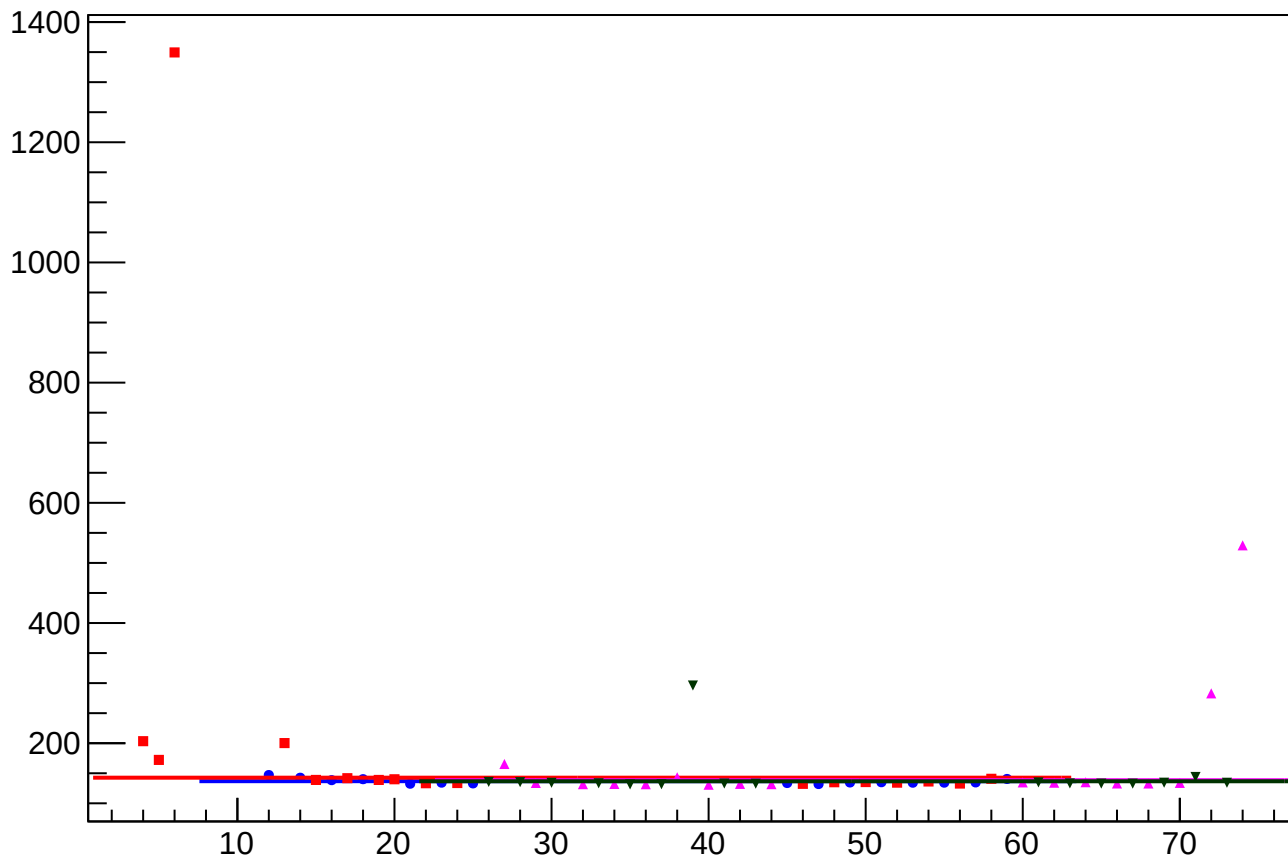
Right Out: -499.928 ± 50.973 χ^2/NDF : 26.1/16

Left In: -492.000 ± 45.583 χ^2/NDF : 21.6/16

439.986 ± 32.569 χ^2/NDF : 35.0/30

-495.523 ± 33.978 χ^2/NDF : 47.8/33

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

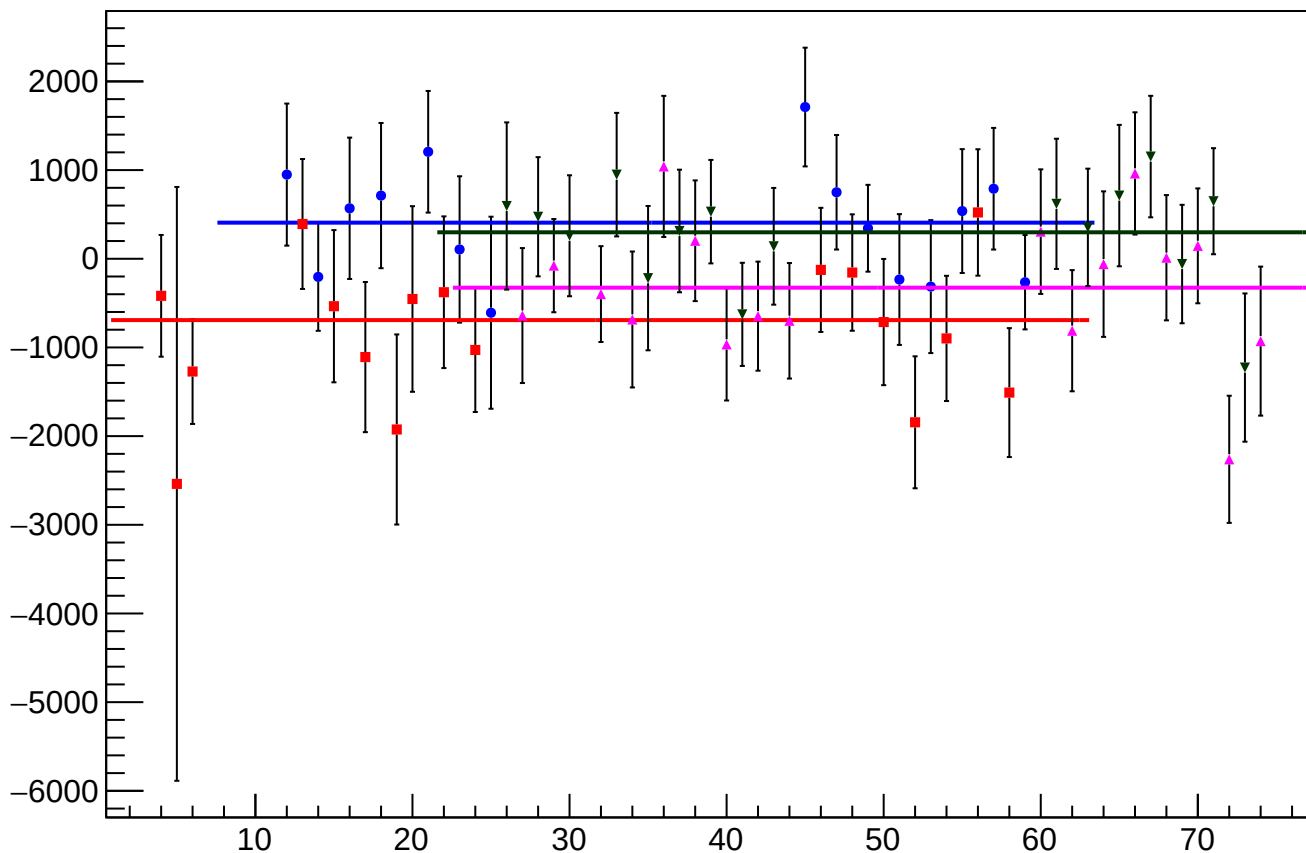
Right Out: 142.640 $\pm$ 0.036 χ^2 /NDF: 1174059.6/16

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

136.758 $\pm$ 0.023 χ^2 /NDF: 390694.2/30

140.318 $\pm$ 0.024 χ^2 /NDF: 1917127.8/33

asym_usr_mean vs slug



Right In: 407.221+/-177.023 χ^2/NDF : 11.7/14

Left Out: 298.458+/-172.350 χ^2/NDF :10.2/15

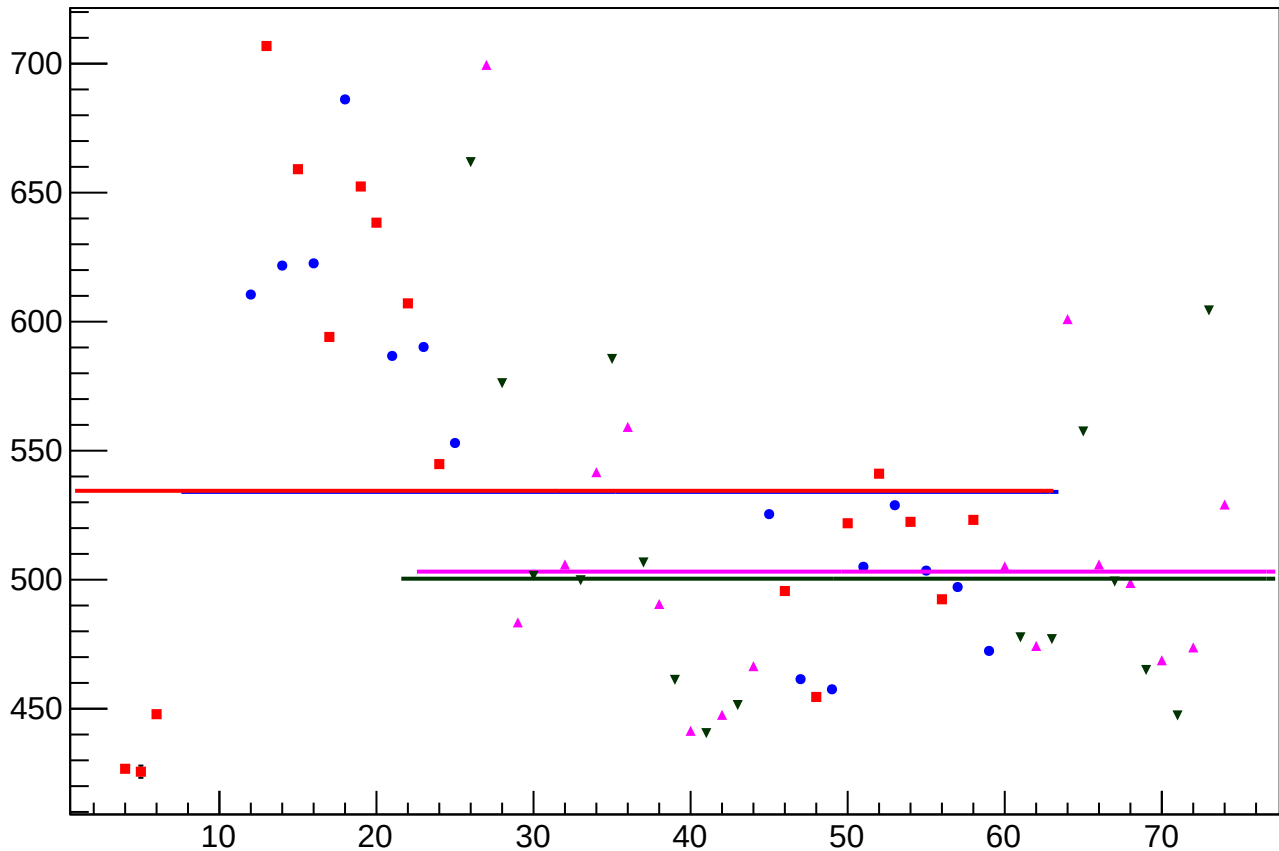
Right Out: -691.666+/-186.049 χ^2/NDF : 13.6/16

Left In: -326.068+/-163.907 χ^2/NDF :19.3/16

351.385+/-123.489 χ^2/NDF : 22.1/30

-485.827+/-122.987 χ^2/NDF : 35.1/33

asym_usr_rms vs slug



Right In: 534.028 ± 0.125 χ^2/NDF : 289334.5/14

Left Out: 500.393 ± 0.122 χ^2/NDF : 214338.4/15

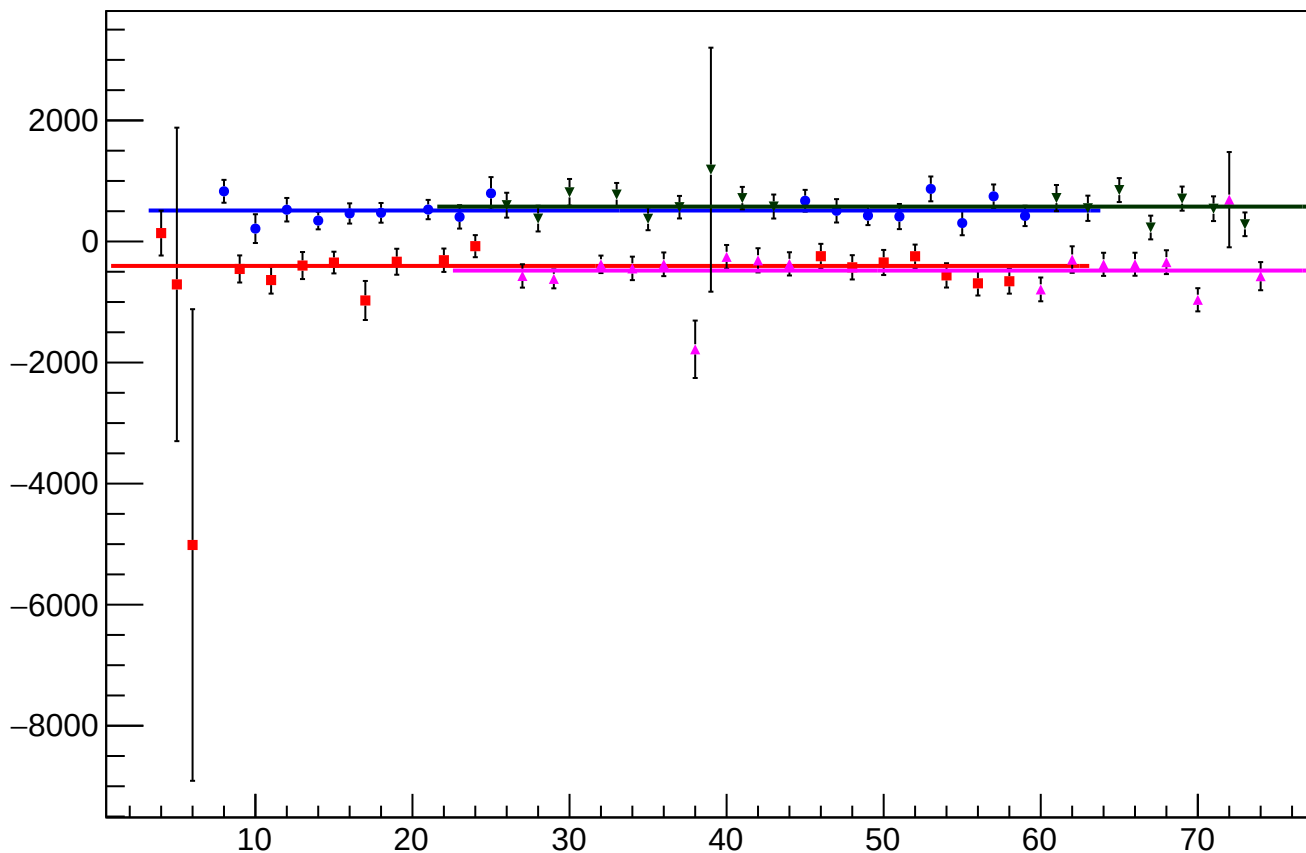
Right Out: 534.458 ± 0.132 χ^2/NDF : 360506.2/16

Left In: 503.132 ± 0.116 χ^2/NDF : 236431.4/16

516.761 ± 0.087 χ^2/NDF : 540739.9/30

516.821 ± 0.087 χ^2/NDF : 628860.7/33

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

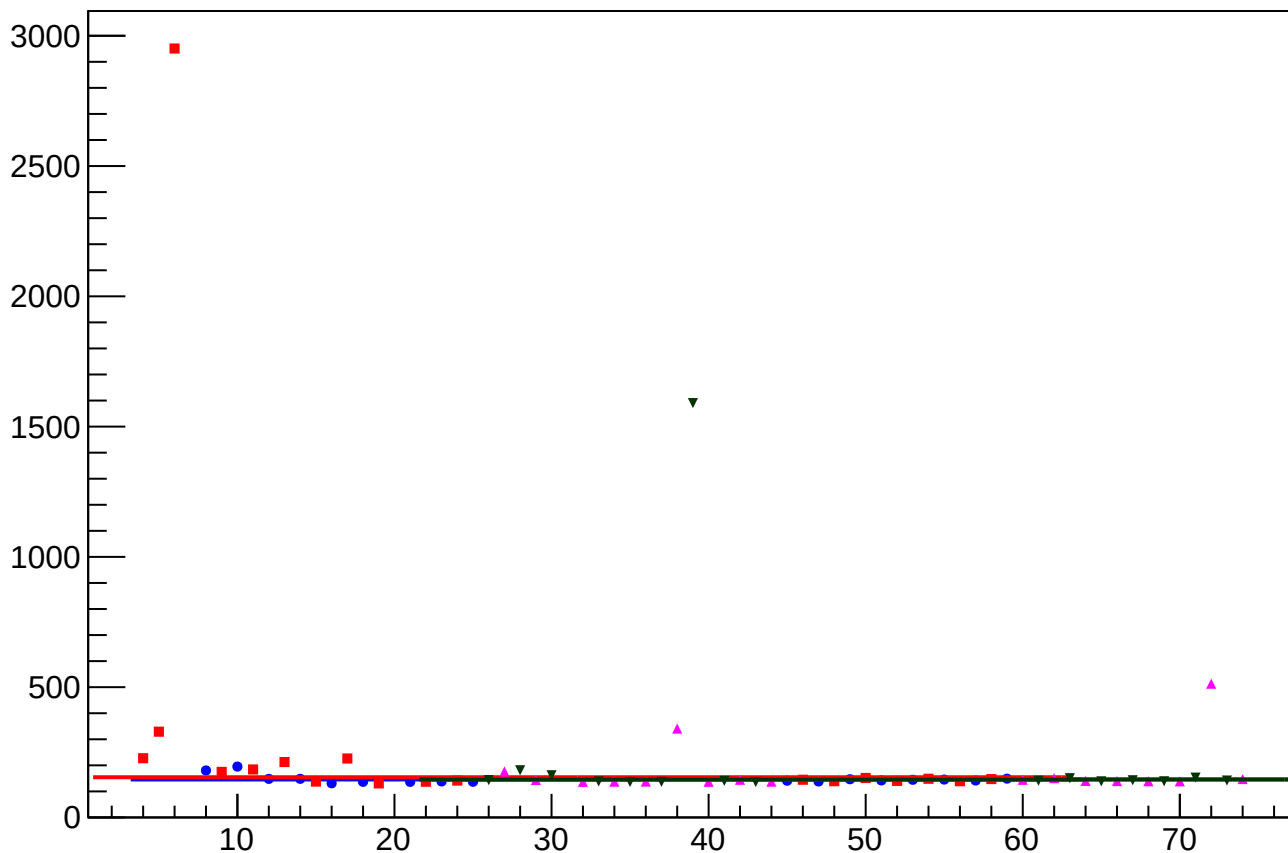
Right Out: -403.778 $\pm$ 52.780 χ^2 /NDF: 17.0/17

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

539.243 $\pm$ 33.690 χ^2 /NDF: 28.3/32

-445.329 $\pm$ 35.698 χ^2 /NDF: 42.9/34

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

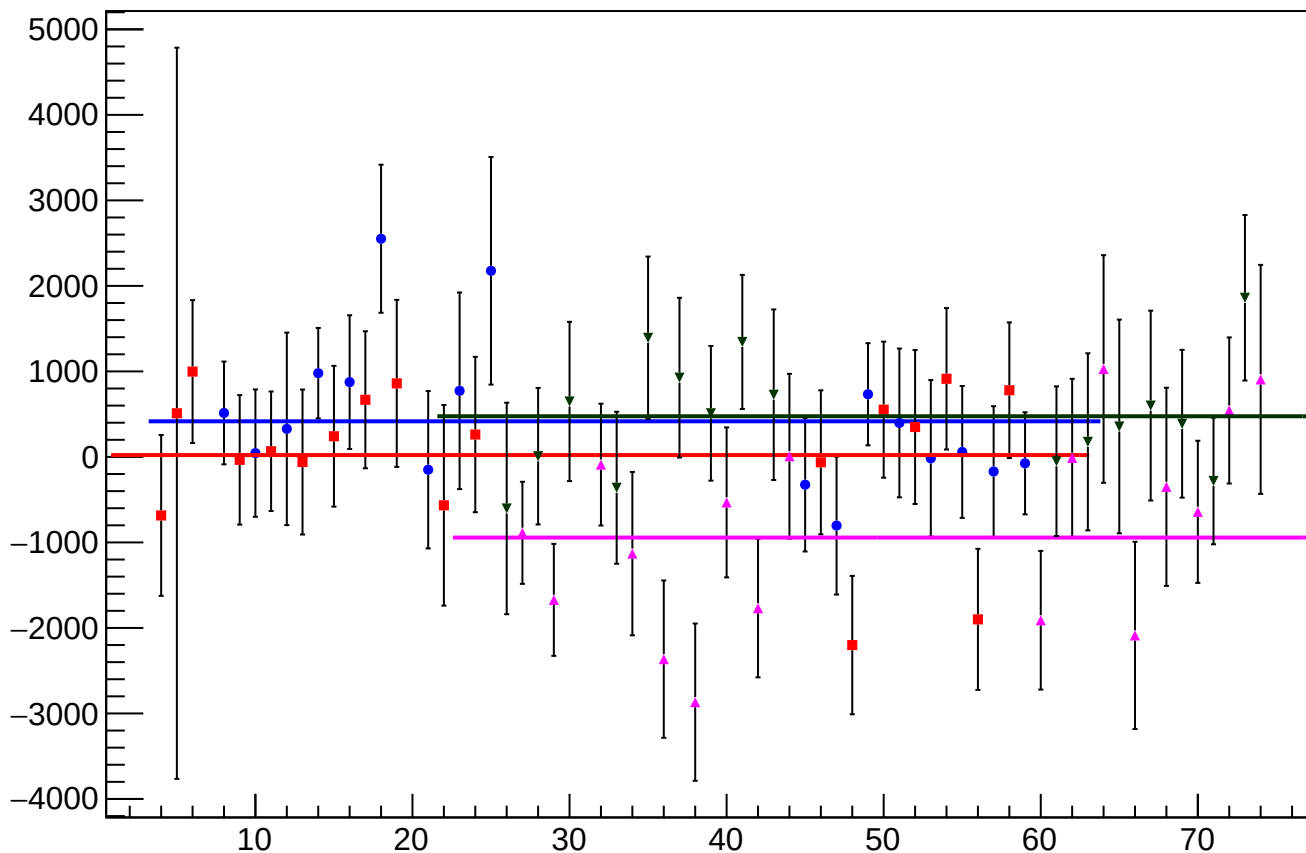
145.699 $\pm$ 0.024 χ^2 /NDF: 1318507.2/32

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

150.025 $\pm$ 0.025 χ^2 /NDF: 2398616.5/34

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

asym_dsl_mean vs slug



Right In: 416.366 ± 185.364 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 475.453 ± 229.020 $\chi^2/\text{NDF}: 8.1/15$

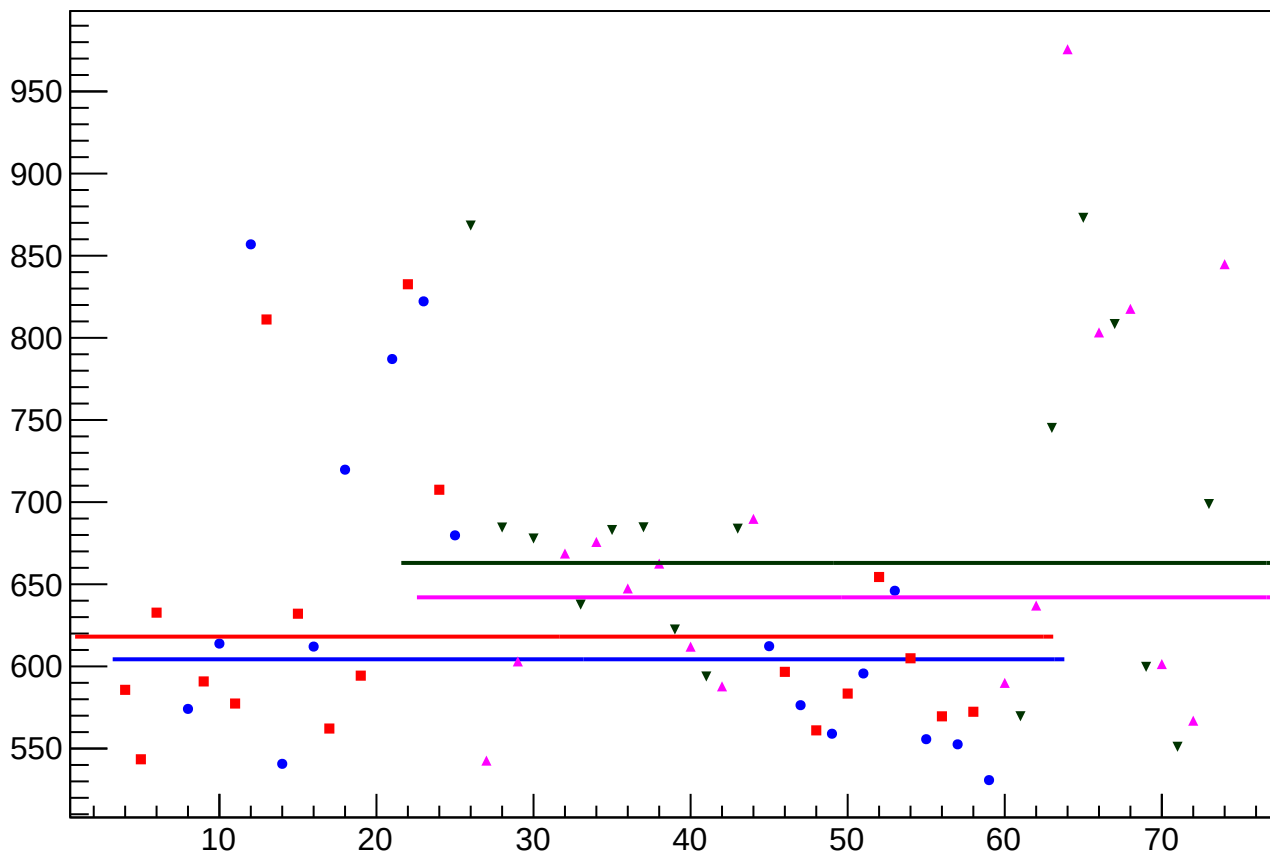
Right Out: 21.417 ± 203.721 $\chi^2/\text{NDF}: 19.4/17$

Left In: -943.159 ± 209.932 $\chi^2/\text{NDF}: 22.8/16$

439.753 ± 144.083 $\chi^2/\text{NDF}: 23.3/32$

-446.391 ± 146.199 $\chi^2/\text{NDF}: 53.0/34$

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

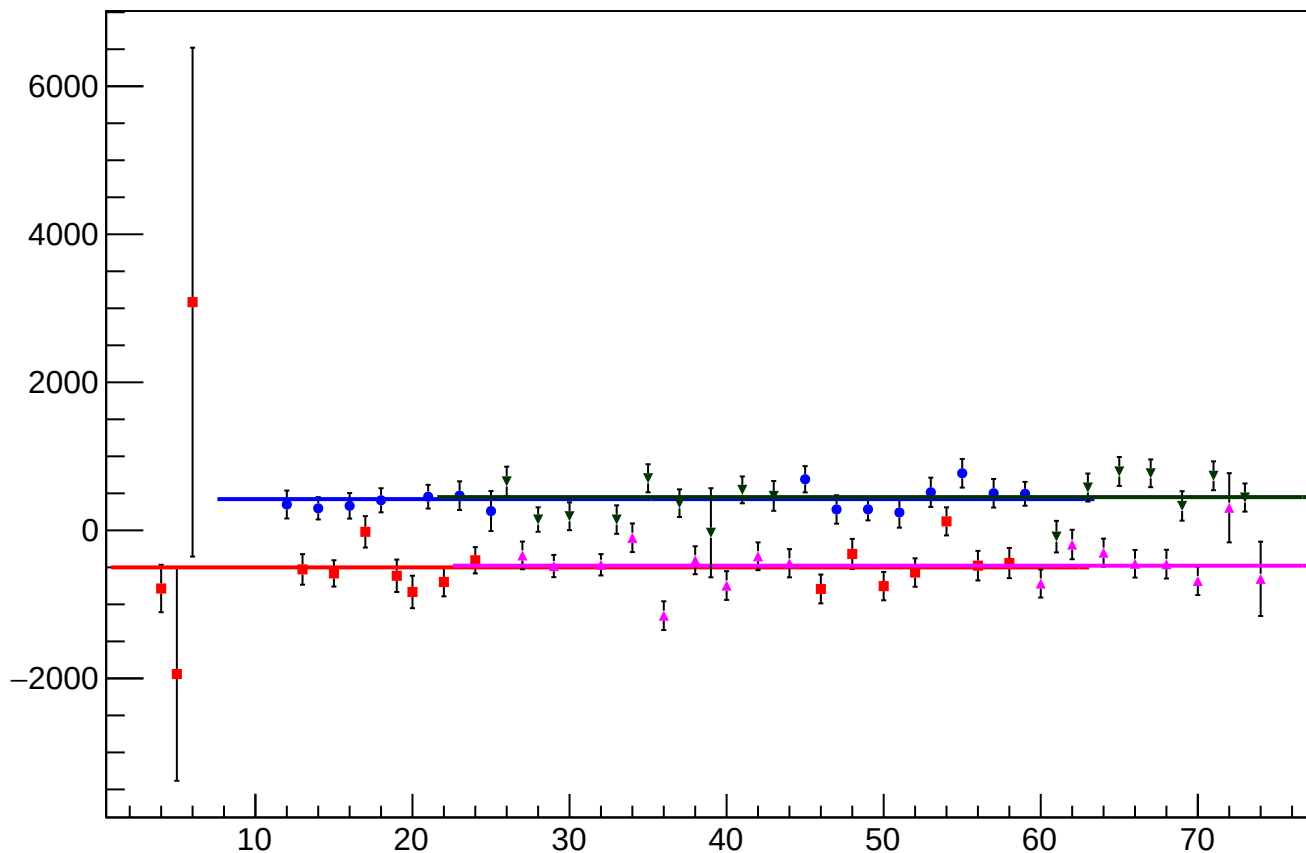
Right Out: 618.124 ± 0.144 χ^2/NDF : 246838.2/17

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

627.546 ± 0.102 χ^2/NDF : 741031.6/32

629.721 ± 0.103 χ^2/NDF : 634756.0/34

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

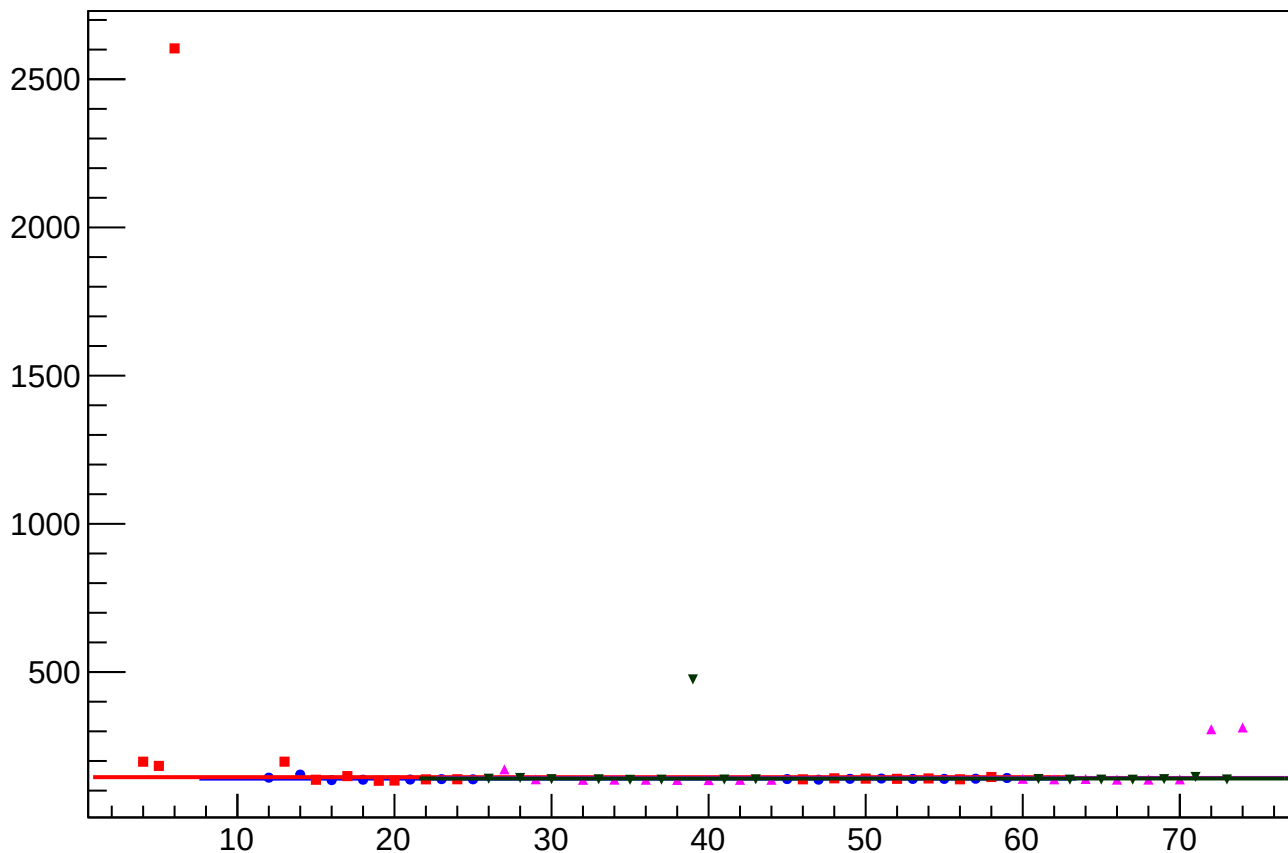
Right Out: -500.186+/-52.058 χ^2/NDF : 27.8/16

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

434.886+/-33.644 χ^2/NDF : 37.2/30

-487.550+/-34.802 χ^2/NDF : 55.6/33

dit_asym_dsr_rms vs slug



Right In: 140.538 $\pm$ 0.033 χ^2 /NDF: 21644.1/14

Left Out: 140.955 $\pm$ 0.035 χ^2 /NDF: 626067.6/15

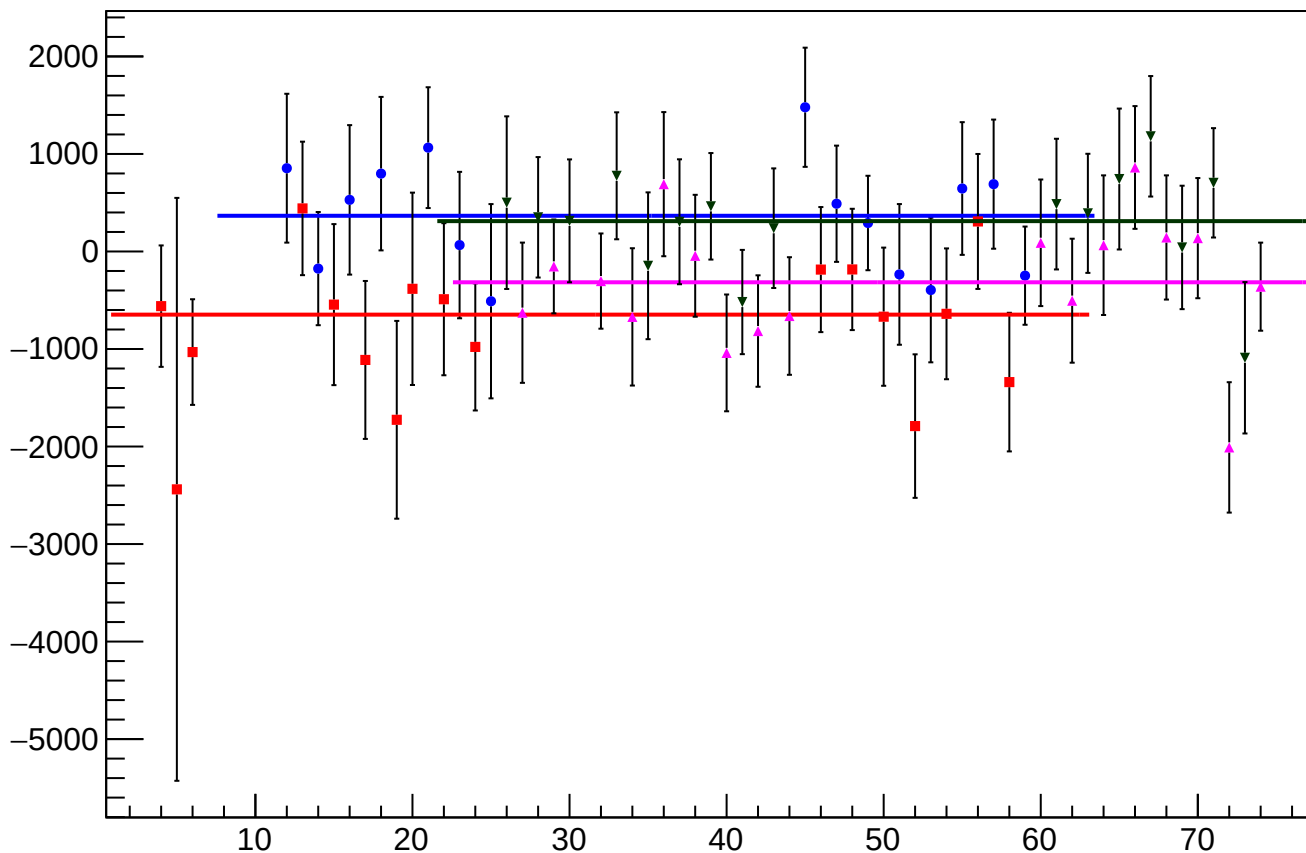
Right Out: 145.380 $\pm$ 0.037 χ^2 /NDF: 1239458.3/16

Left In: 142.769 $\pm$ 0.033 χ^2 /NDF: 551594.7/16

140.734 $\pm$ 0.024 χ^2 /NDF: 647788.1/30

143.936 $\pm$ 0.025 χ^2 /NDF: 1793835.1/33

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

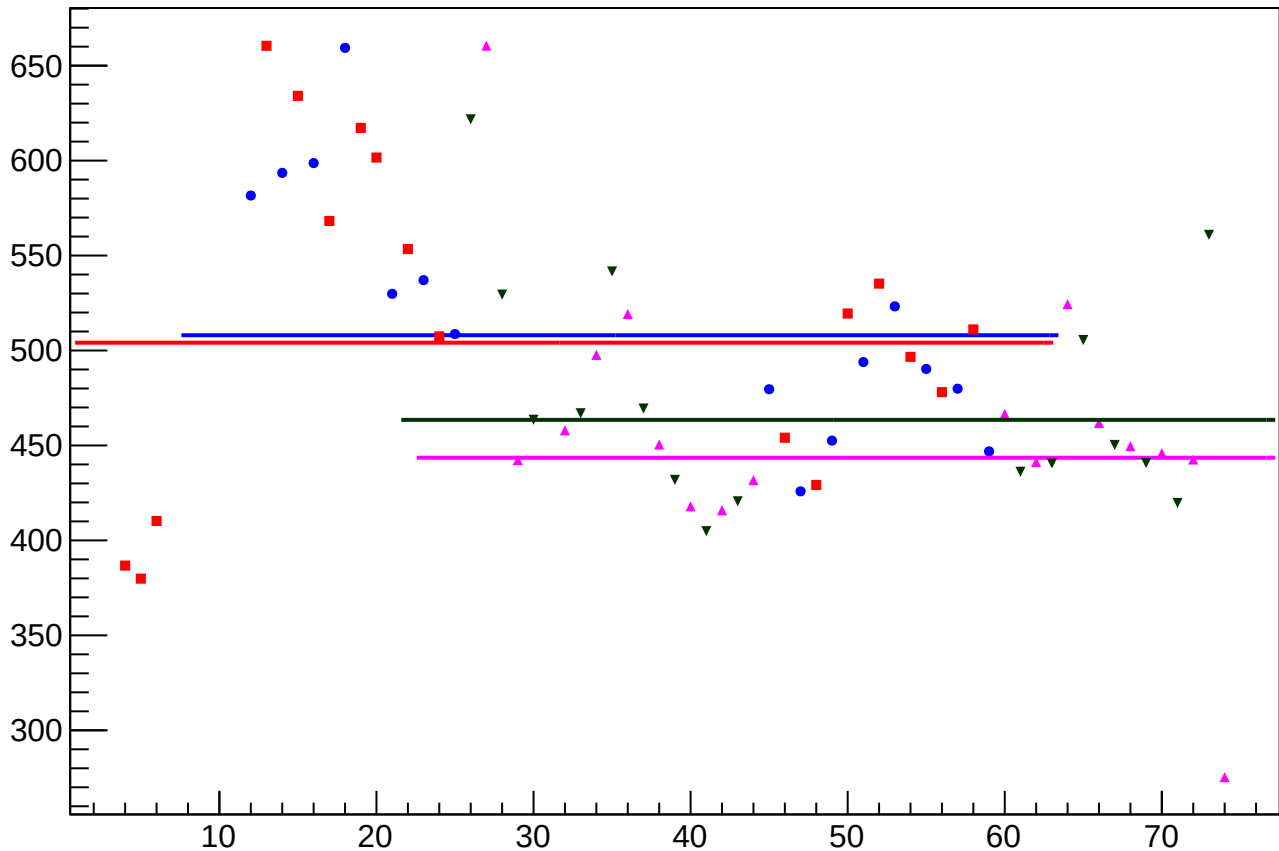
Right Out: -647.595 ± 175.748 χ^2/NDF : 11.6/16

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

337.152 ± 115.817 χ^2/NDF : 20.7/30

-451.169 ± 112.226 χ^2/NDF : 30.6/33

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

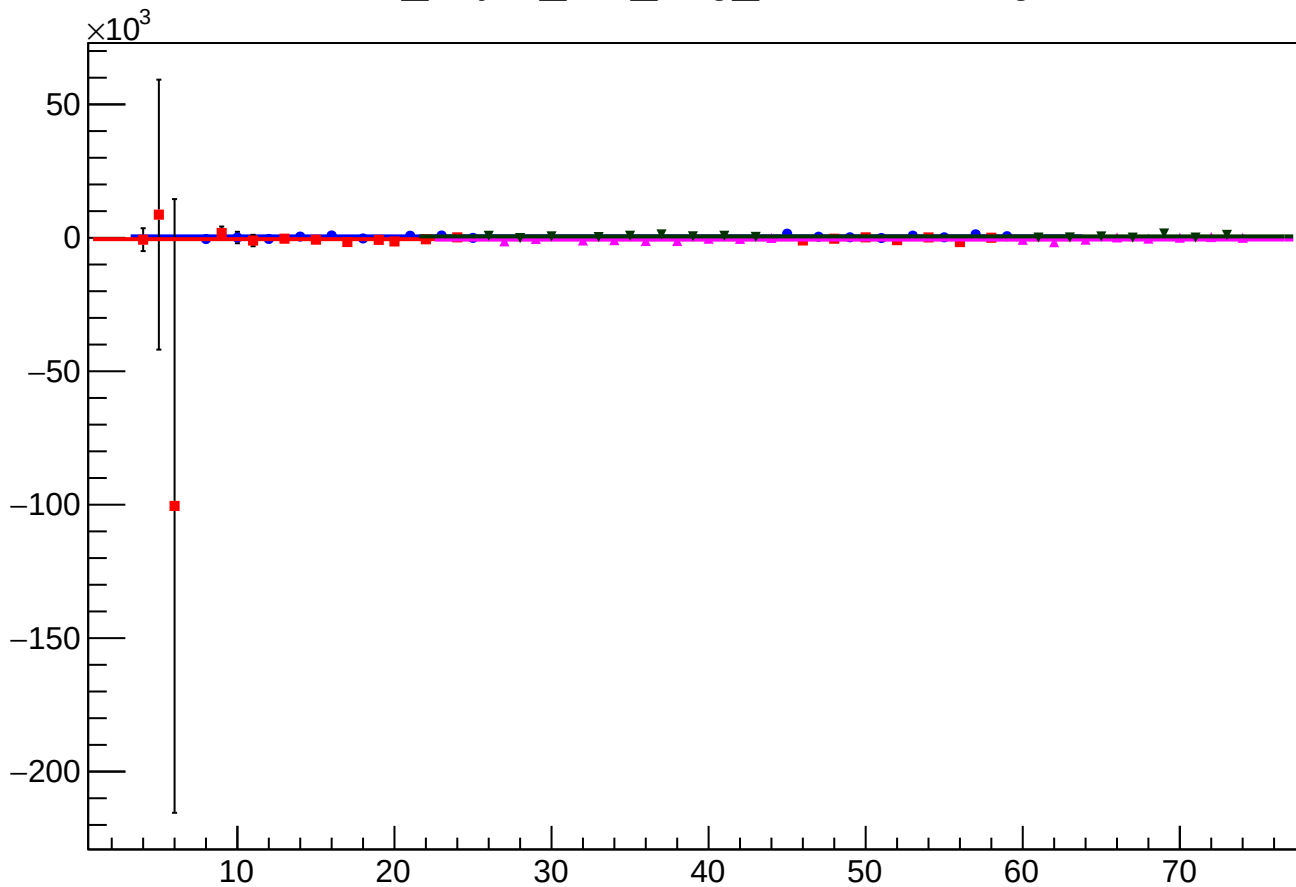
Right Out: 504.110+/-0.124 χ^2/NDF : 402549.9/16

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

484.566+/-0.082 χ^2/NDF : 557146.6/30

468.235+/-0.079 χ^2/NDF : 1076785.5/33

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

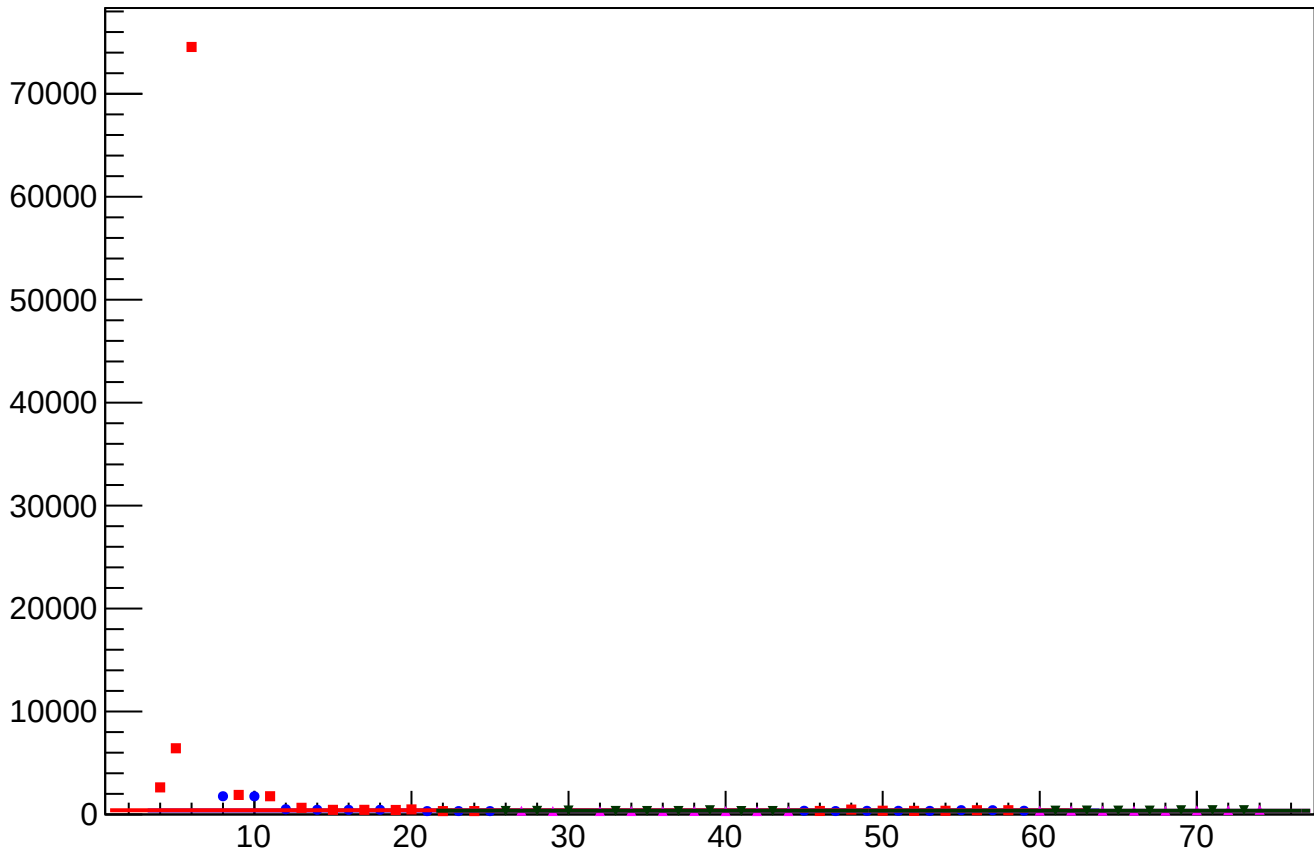
539.741+/-87.726 χ^2/NDF : 29.7/32

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

-583.086+/-90.406 χ^2/NDF : 39.1/35

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

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

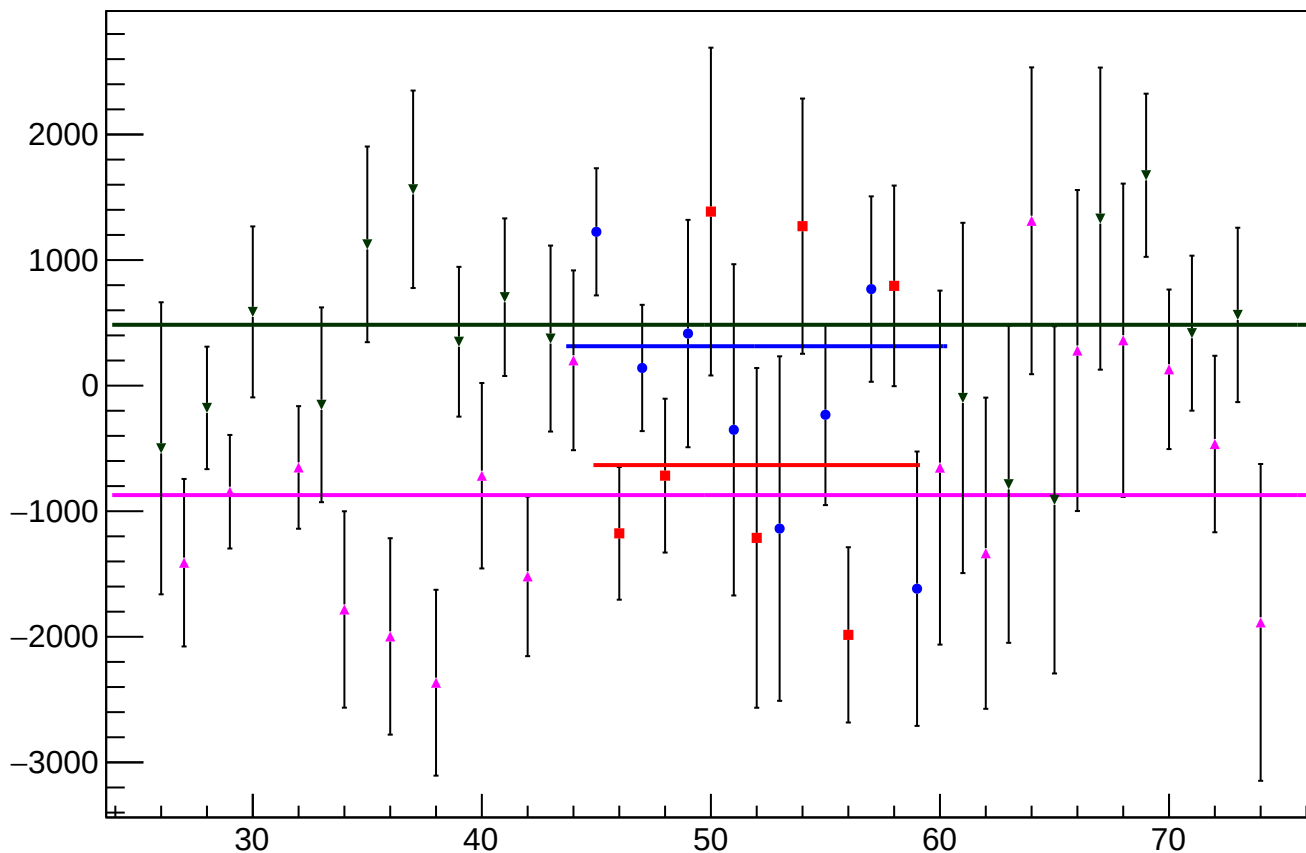
373.925+/-0.062 χ^2/NDF : 2417613.0/32

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

375.203+/-0.064 χ^2/NDF : 4091830.8/35

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

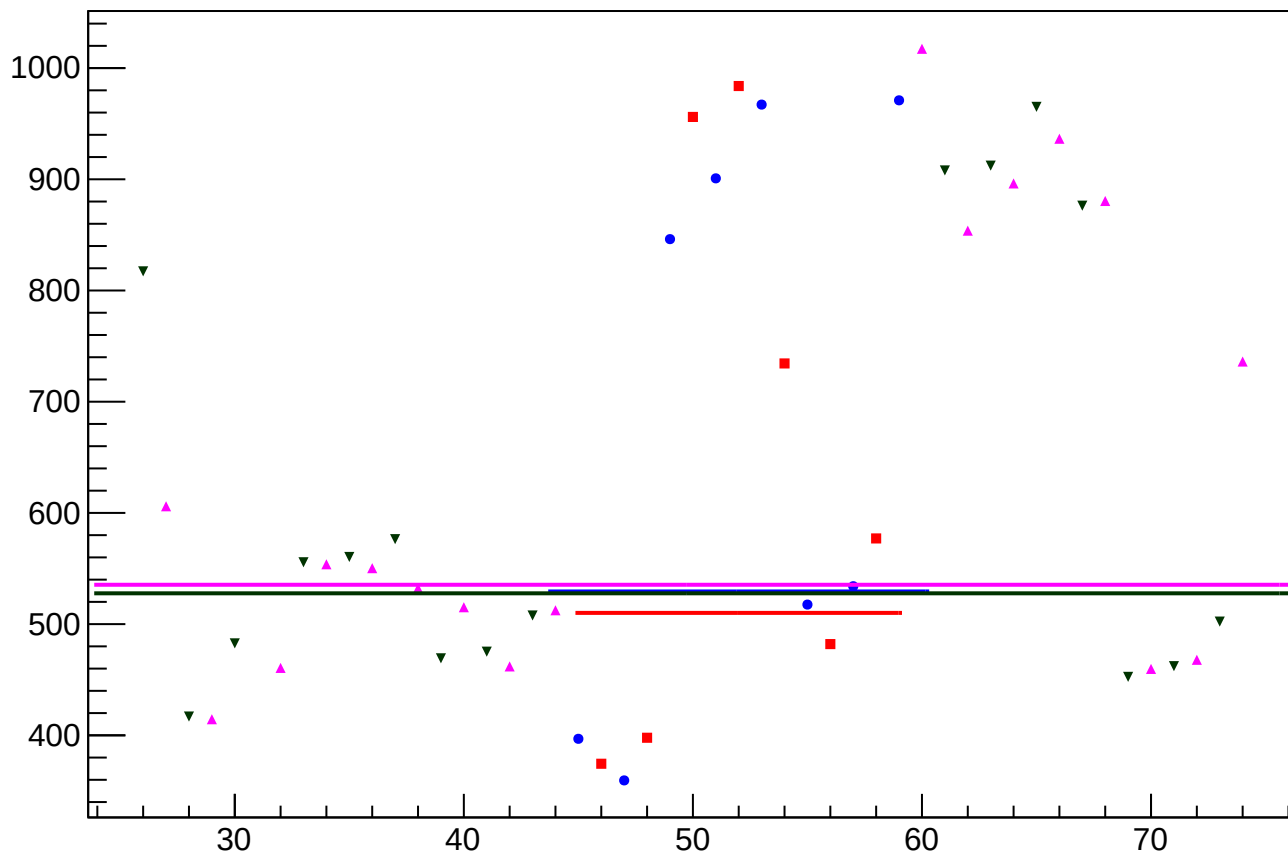
Right Out: -632.686 $\pm$ 289.020 χ^2 /NDF: 14.1/6

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

426.409 $\pm$ 151.765 χ^2 /NDF: 21.2/23

-804.864 $\pm$ 152.719 χ^2 /NDF: 34.9/23

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

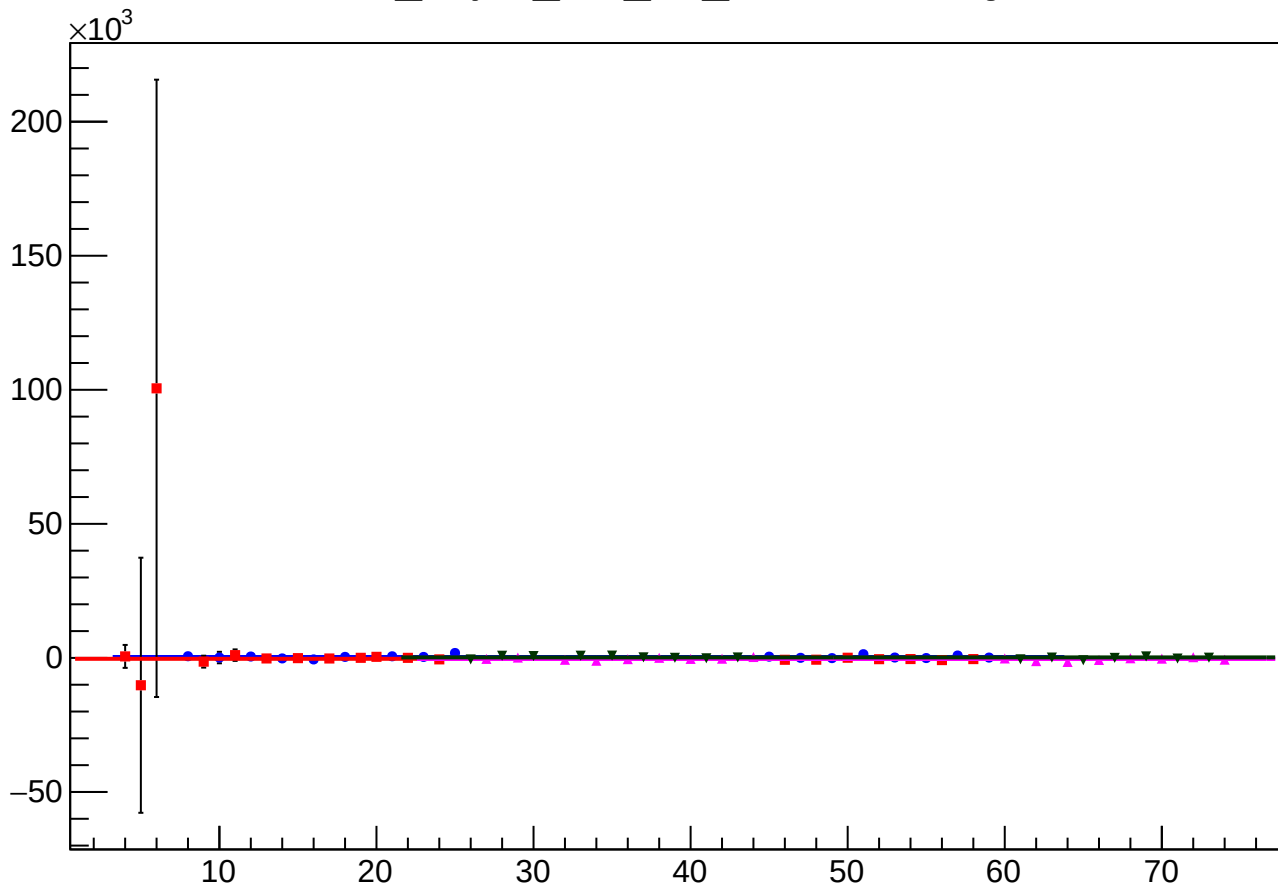
Right Out: 510.096 ± 0.204 χ^2/NDF : 792724.1/6

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

528.265 ± 0.107 χ^2/NDF : 2338887.4/23

528.329 ± 0.108 χ^2/NDF : 2036205.4/23

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

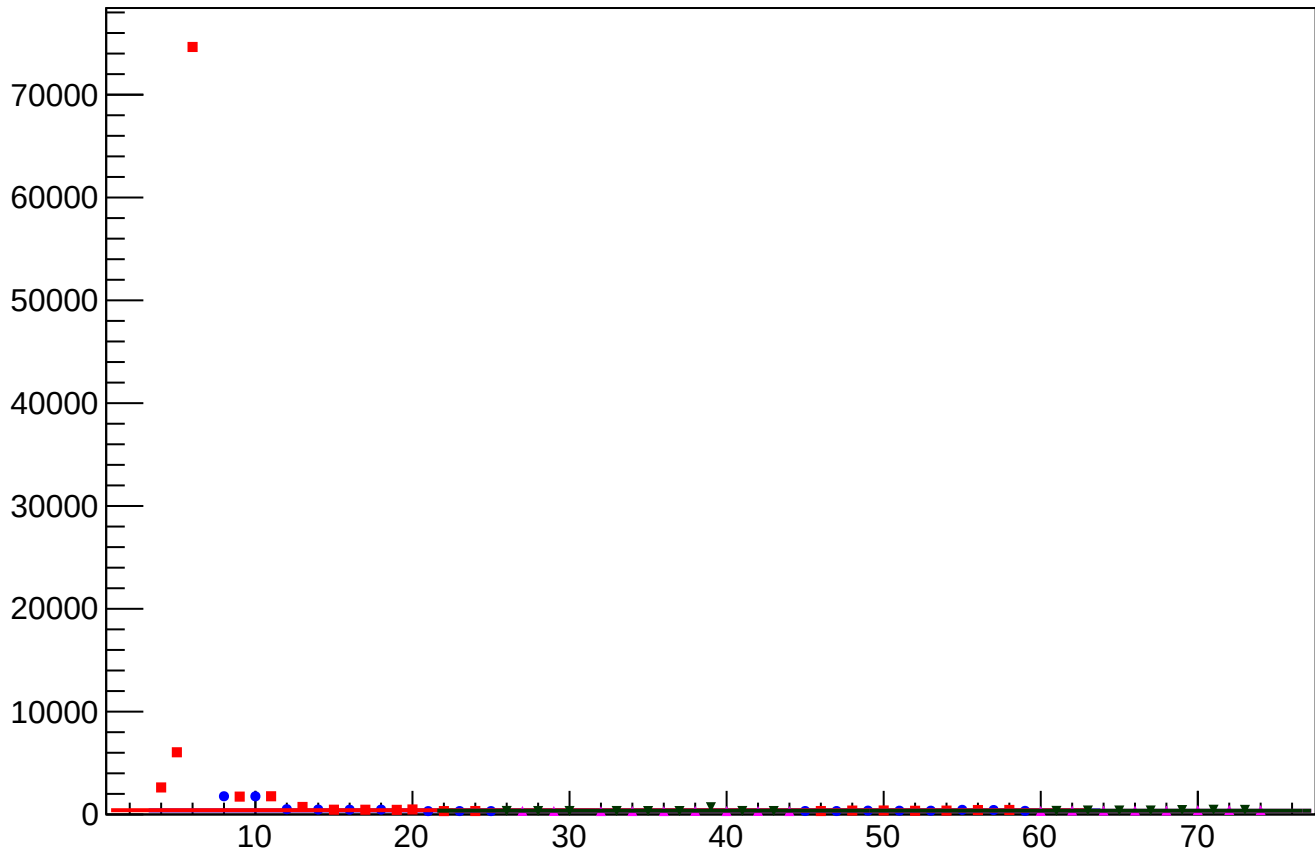
Right Out: -334.606 ± 148.007 χ^2/NDF : 5.9/18

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

263.703 ± 89.130 χ^2/NDF : 35.0/32

-375.279 ± 91.044 χ^2/NDF : 22.8/35

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

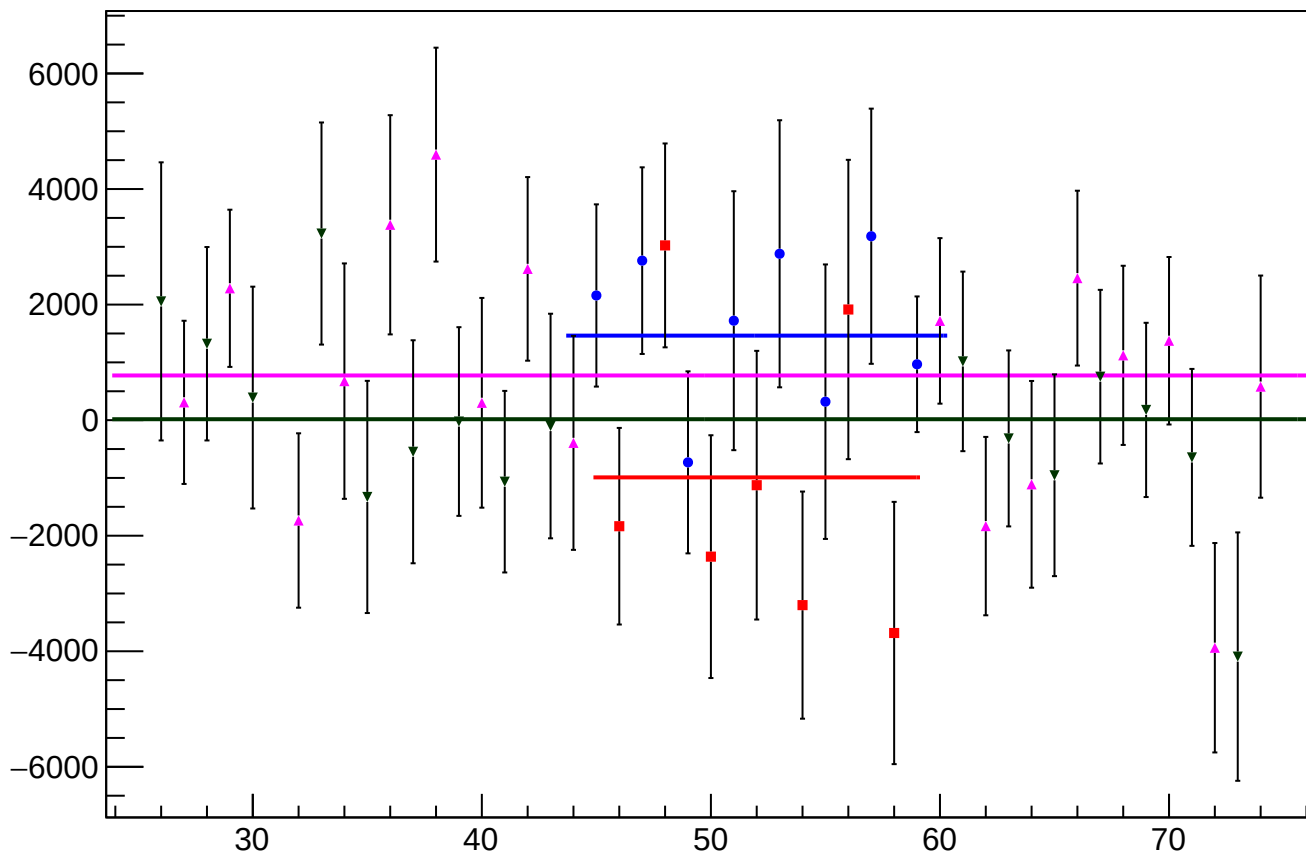
377.593+/-0.063 χ^2/NDF : 2873716.8/32

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

377.530+/-0.064 χ^2/NDF : 4161321.1/35

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

asym_at1_dd_mean vs slug



Right In: 1462.940 $\pm$ 610.556 χ^2/NDF : 4.2/7

Left Out: 16.143 $\pm$ 433.085 χ^2/NDF : 10.0/15

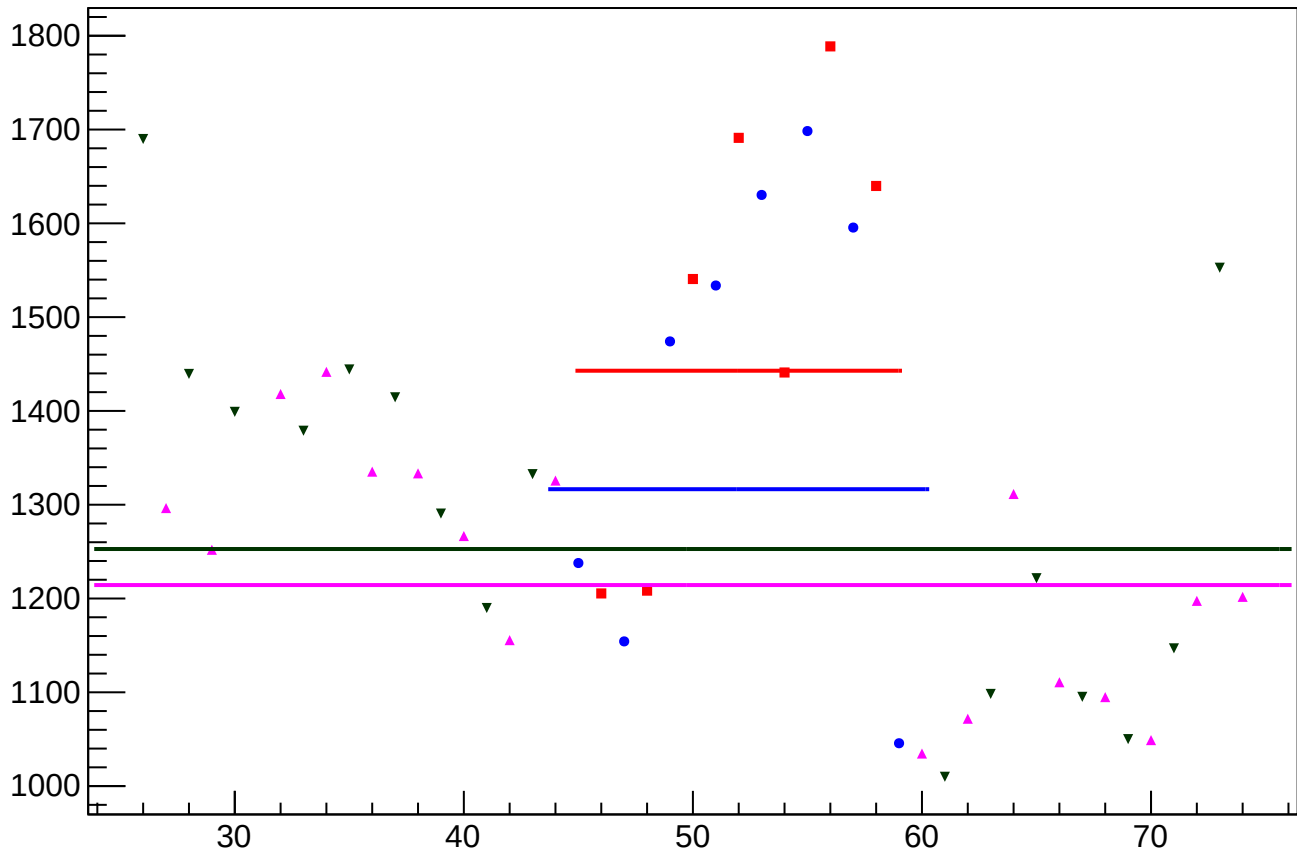
Right Out: -990.614 $\pm$ 771.464 χ^2/NDF : 9.8/6

Left In: 773.376 $\pm$ 395.100 χ^2/NDF : 24.7/16

500.427 $\pm$ 353.242 χ^2/NDF : 18.0/23

406.837 $\pm$ 351.664 χ^2/NDF : 38.6/23

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

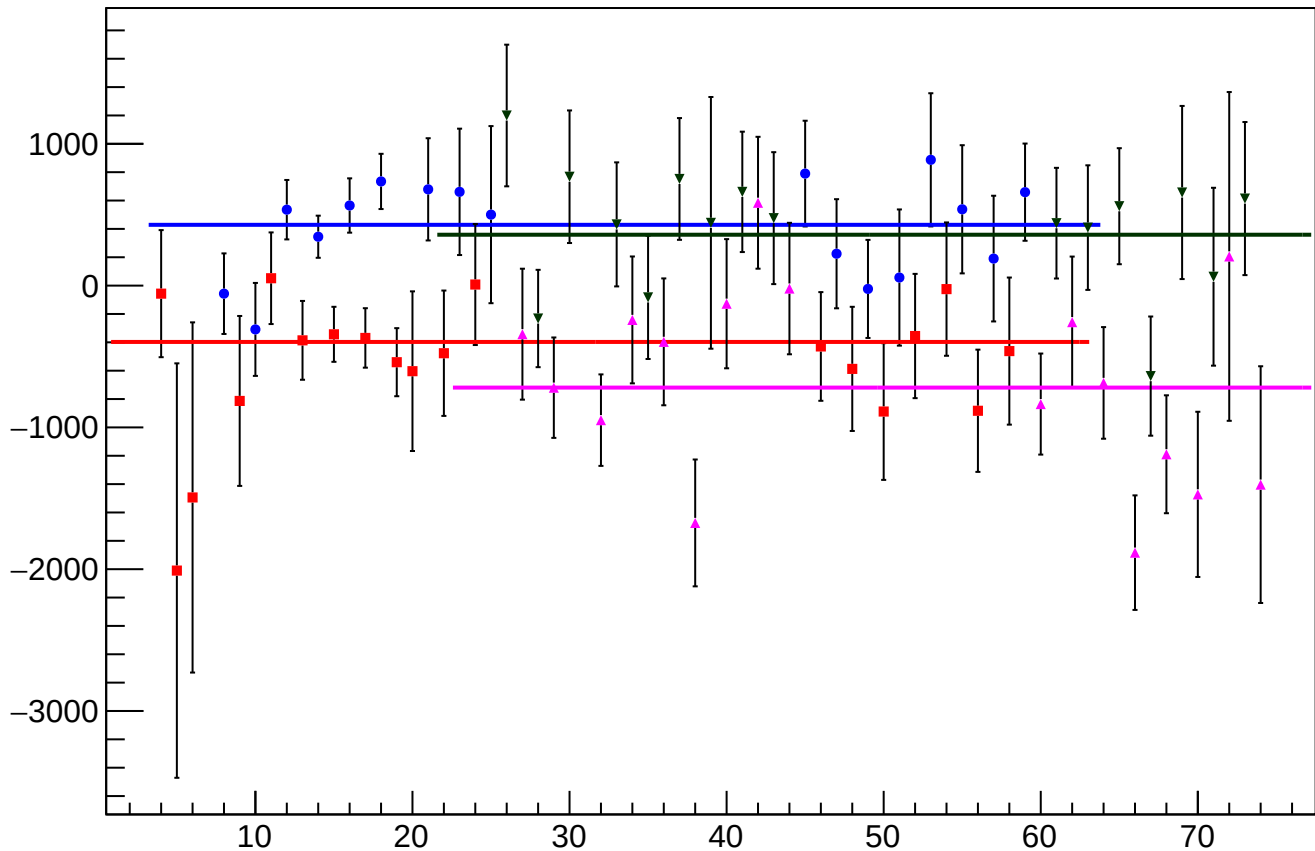
Right Out: 1442.862+/-0.546 χ^2/NDF : 152127.8/6

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

1274.114+/-0.250 χ^2/NDF : 633019.2/23

1261.826+/-0.249 χ^2/NDF : 490733.8/23

dit_asym_at2_avg_mean vs slug



Right In: 428.734 ± 69.279 χ^2/NDF : 17.6/16

Left Out: 358.856 ± 114.340 χ^2/NDF : 15.7/15

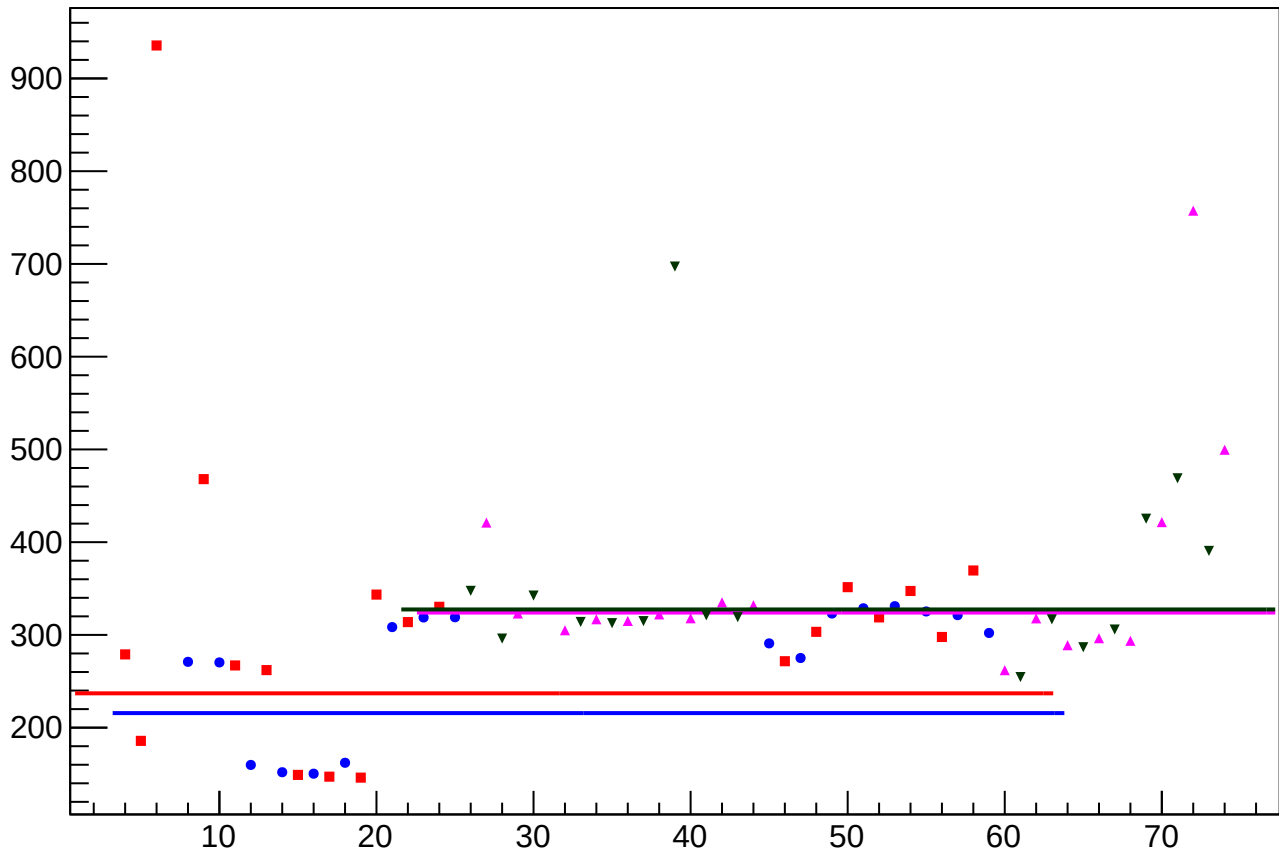
Right Out: -397.261 ± 82.480 χ^2/NDF : 9.7/18

Left In: -719.214 ± 106.964 χ^2/NDF : 32.9/16

409.969 ± 59.252 χ^2/NDF : 33.5/32

-517.311 ± 65.317 χ^2/NDF : 48.2/35

dit_asym_at2_avg_rms vs slug



Right In: 215.697 $\pm$ 0.049 χ^2 /NDF: 2230926.9/16

Left Out: 327.458 $\pm$ 0.081 χ^2 /NDF: 652530.4/15

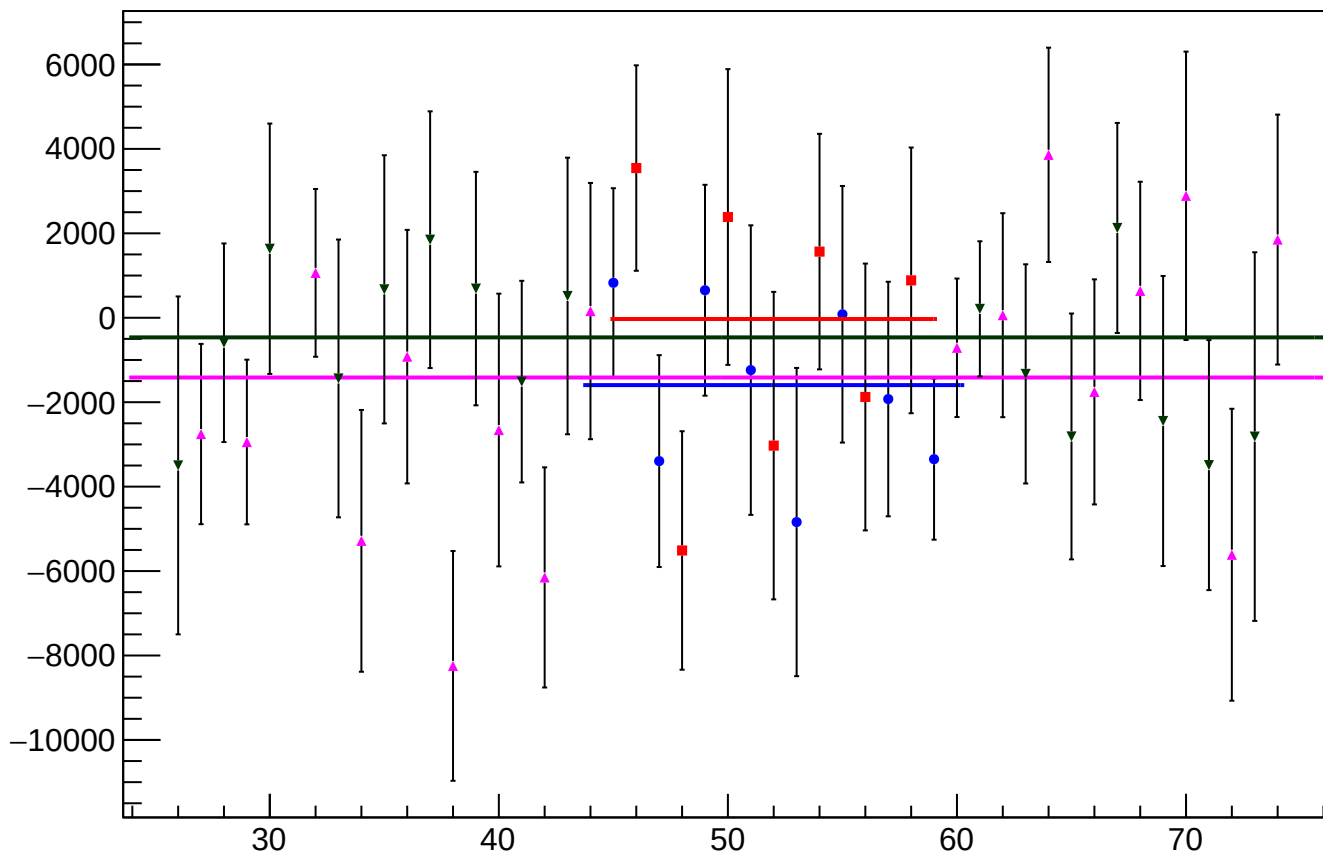
245.709 $\pm$ 0.042 χ^2 /NDF: 4281144.2/32

Right Out: 237.015 $\pm$ 0.058 χ^2 /NDF: 2808388.0/18

269.494 $\pm$ 0.046 χ^2 /NDF: 4260143.5/35

Left In: 324.120 $\pm$ 0.076 χ^2 /NDF: 620011.6/16

asym_at2_avg_mean vs slug



Right In: -1595.092 $\pm$ 916.185 χ^2 /NDF: 4.5/7

Left Out: -464.842 $\pm$ 685.927 χ^2 /NDF:6.0/15

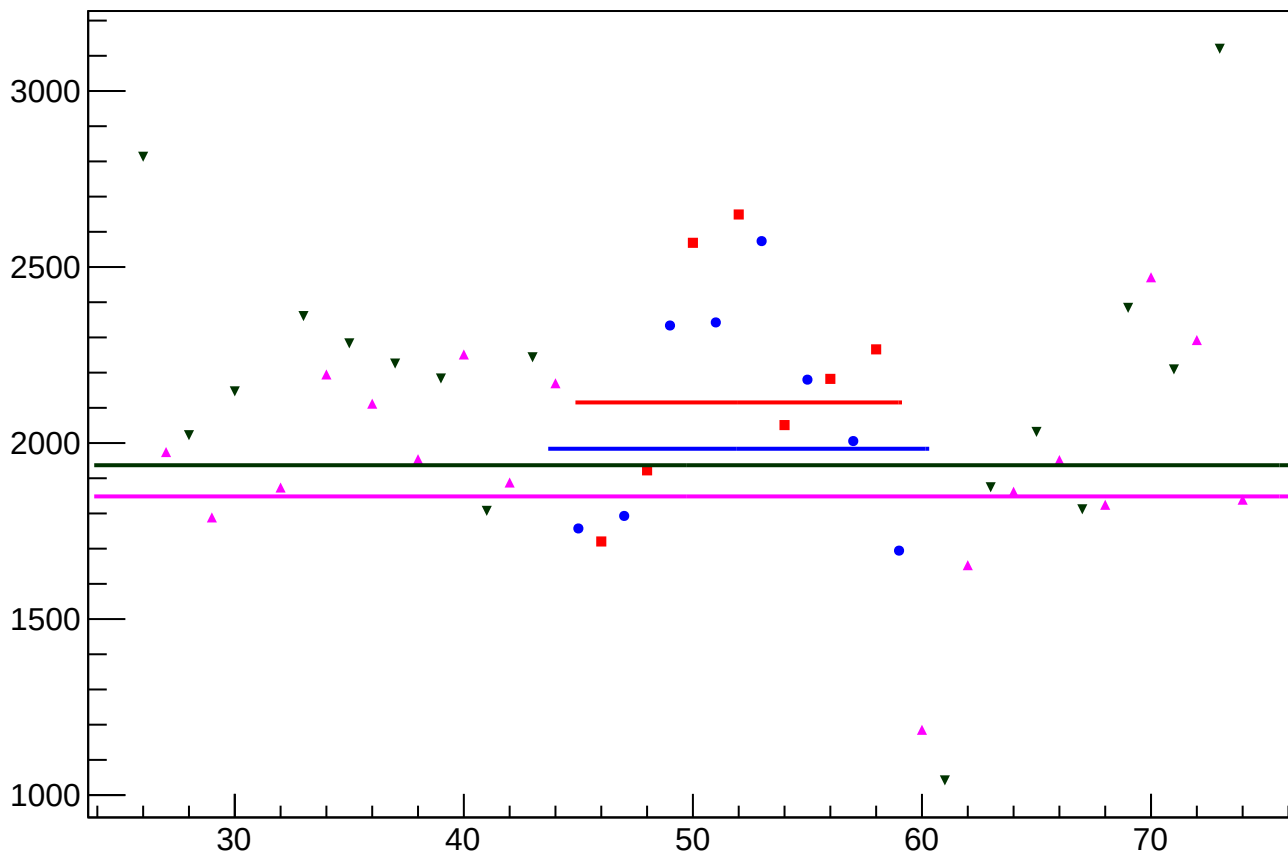
Right Out: -29.651 $\pm$ 1131.729 χ^2 /NDF: 7.8/6

Left In: -1415.349 $\pm$ 607.563 χ^2 /NDF:24.0/16

-870.814 $\pm$ 549.090 χ^2 /NDF: 11.5/23

-1105.334 $\pm$ 535.303 χ^2 /NDF: 33.0/23

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

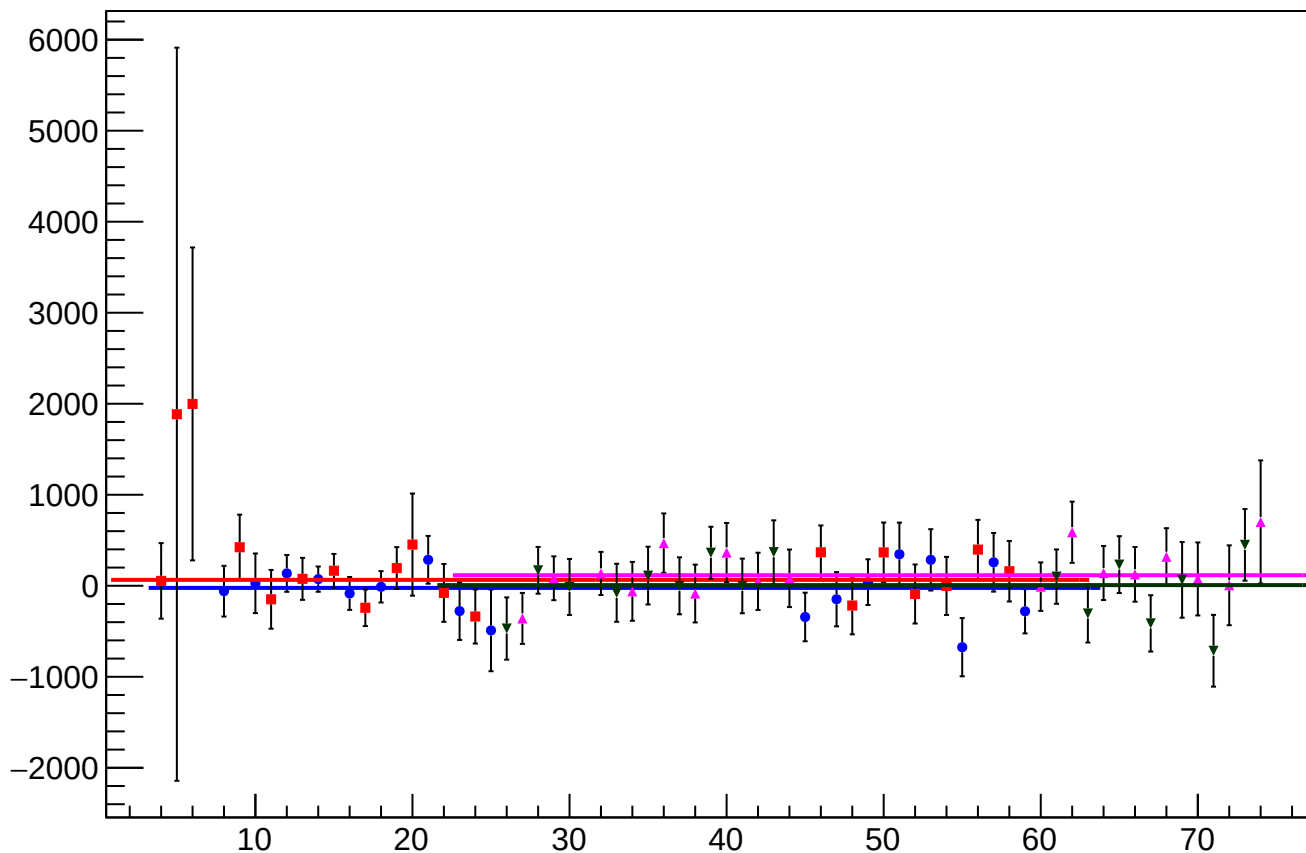
Right Out: 2115.350+/-0.800 χ^2/NDF : 145063.1/6

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

1953.807+/-0.388 χ^2/NDF : 1257571.7/23

1908.118+/-0.379 χ^2/NDF : 780497.5/23

dit_asym_at2_dd_mean vs slug



Right In: -23.399 ± 59.024 $\chi^2/\text{NDF}: 14.0/16$

Left Out: 7.275 ± 80.011 $\chi^2/\text{NDF}: 13.2/15$

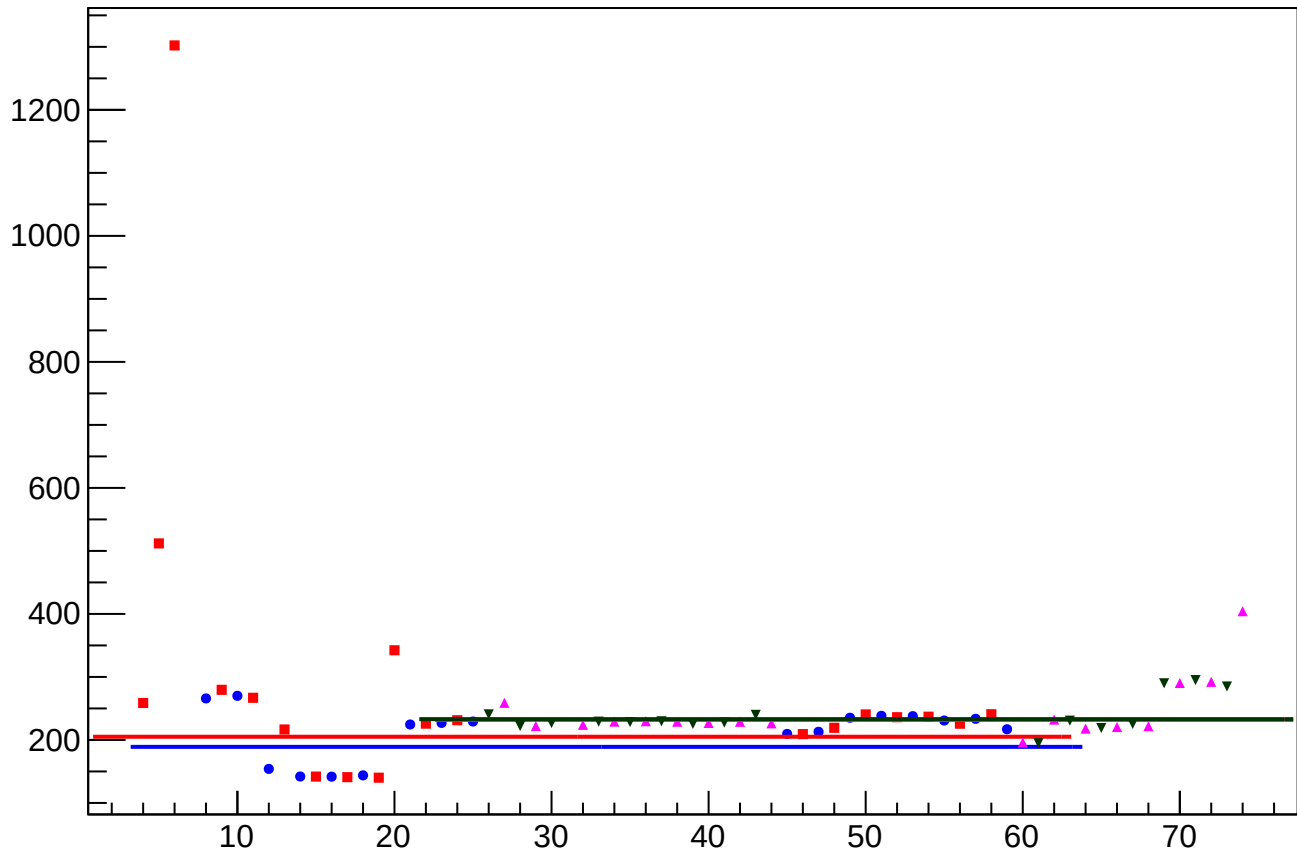
Right Out: 64.950 ± 69.286 $\chi^2/\text{NDF}: 12.5/18$

Left In: 115.833 ± 75.511 $\chi^2/\text{NDF}: 8.9/16$

-12.589 ± 47.498 $\chi^2/\text{NDF}: 27.3/32$

88.208 ± 51.052 $\chi^2/\text{NDF}: 21.6/35$

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

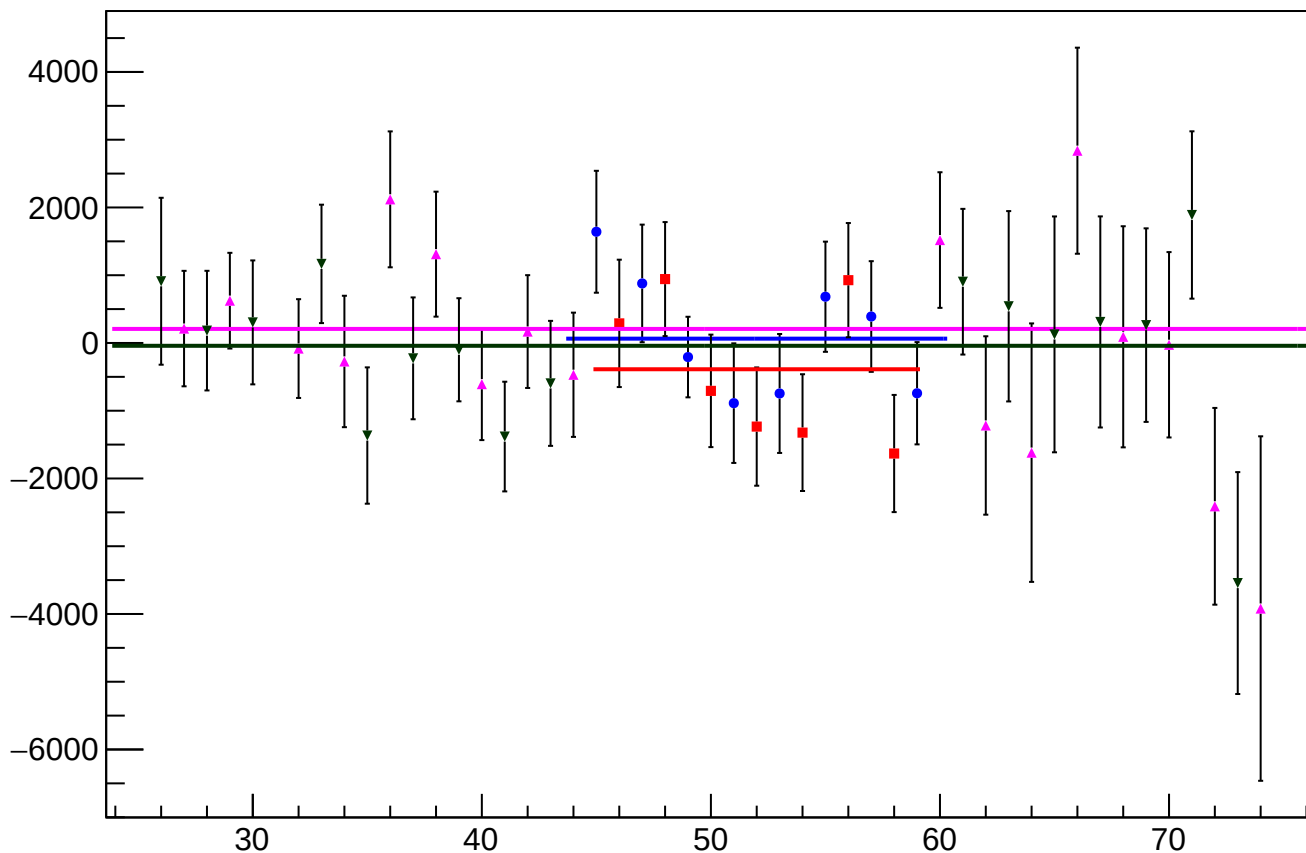
204.521 $\pm$ 0.034 χ^2 /NDF: 1755092.5/32

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

217.319 $\pm$ 0.036 χ^2 /NDF: 2282052.0/35

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 χ^2/NDF : 8.1/7

Left Out: -41.700 ± 260.533 χ^2/NDF : 15.7/15

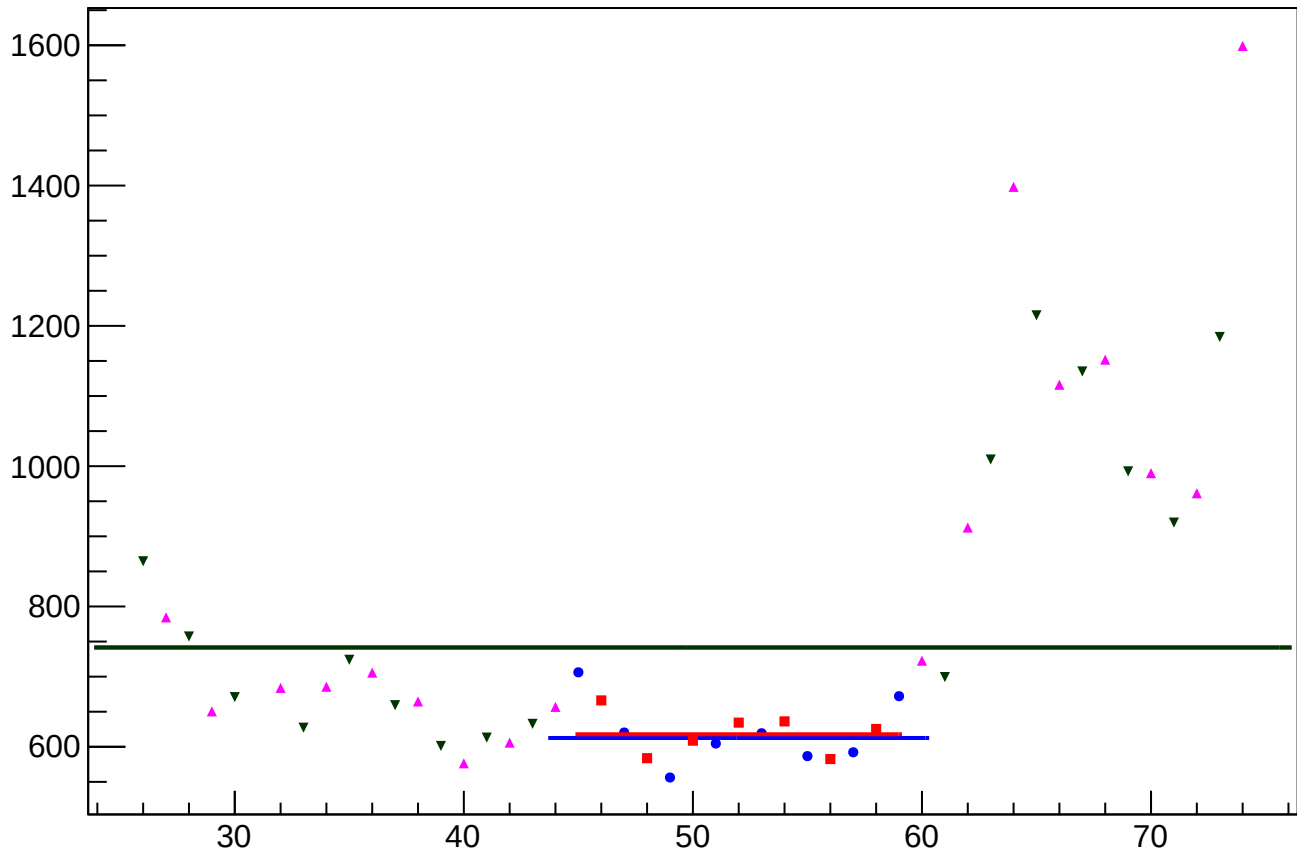
Right Out: -387.951 ± 326.190 χ^2/NDF : 9.8/6

Left In: 207.491 ± 246.812 χ^2/NDF : 20.1/16

7.218 ± 190.789 χ^2/NDF : 23.8/23

-9.298 ± 196.820 χ^2/NDF : 32.0/23

asym_at2_dd_rms vs slug



Right In: 612.572+/-0.198 χ^2/NDF : 55780.3/7

Left Out: 741.827+/-0.184 χ^2/NDF : 831228.7/15

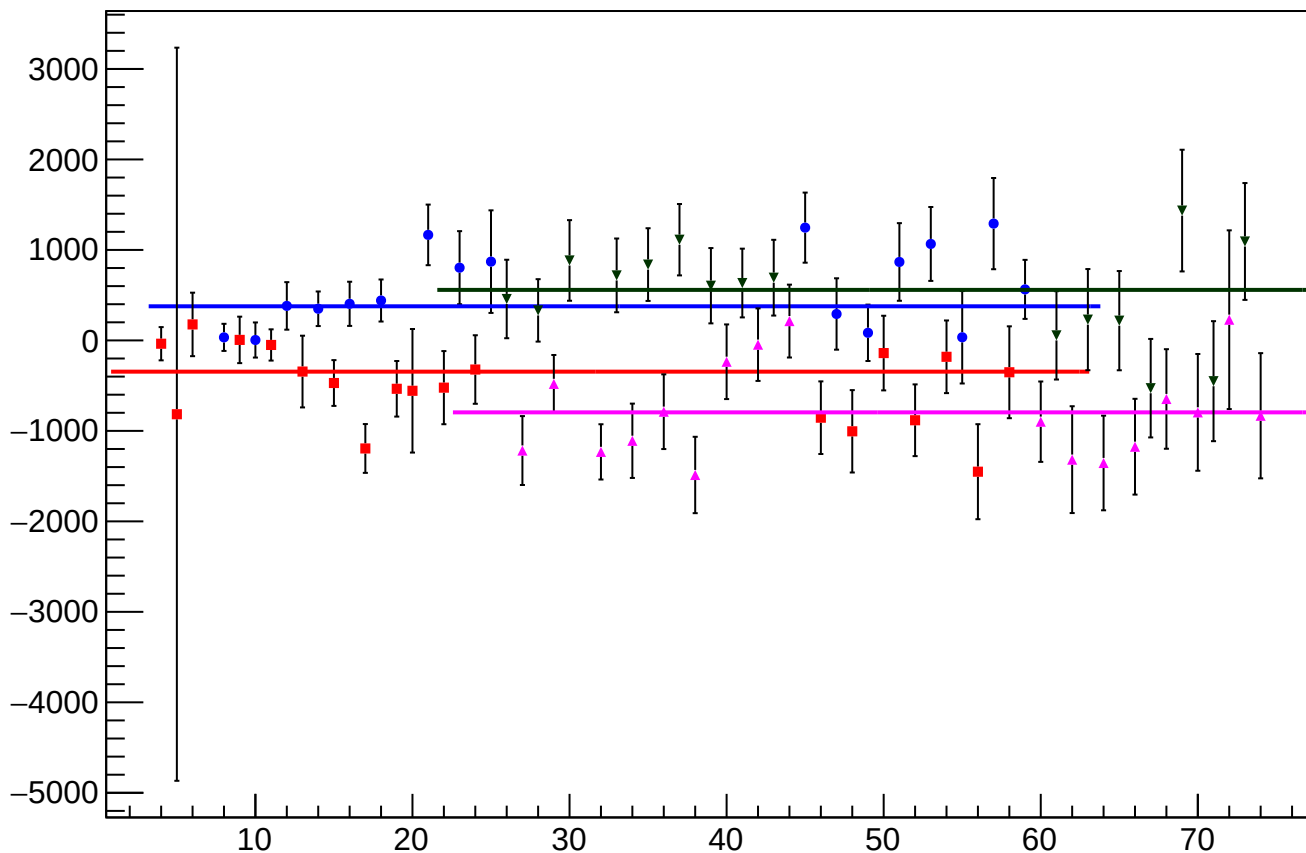
Right Out: 617.858+/-0.231 χ^2/NDF : 14091.3/6

Left In: 740.984+/-0.175 χ^2/NDF : 1082577.5/16

681.886+/-0.135 χ^2/NDF : 1115288.0/23

696.156+/-0.139 χ^2/NDF : 1277881.3/23

dit_asym_atl_avg_mean vs slug



Right In: 377.010+/-67.655 χ^2/NDF : 30.7/16

Left Out: 558.332+/-114.121 χ^2/NDF :14.3/15

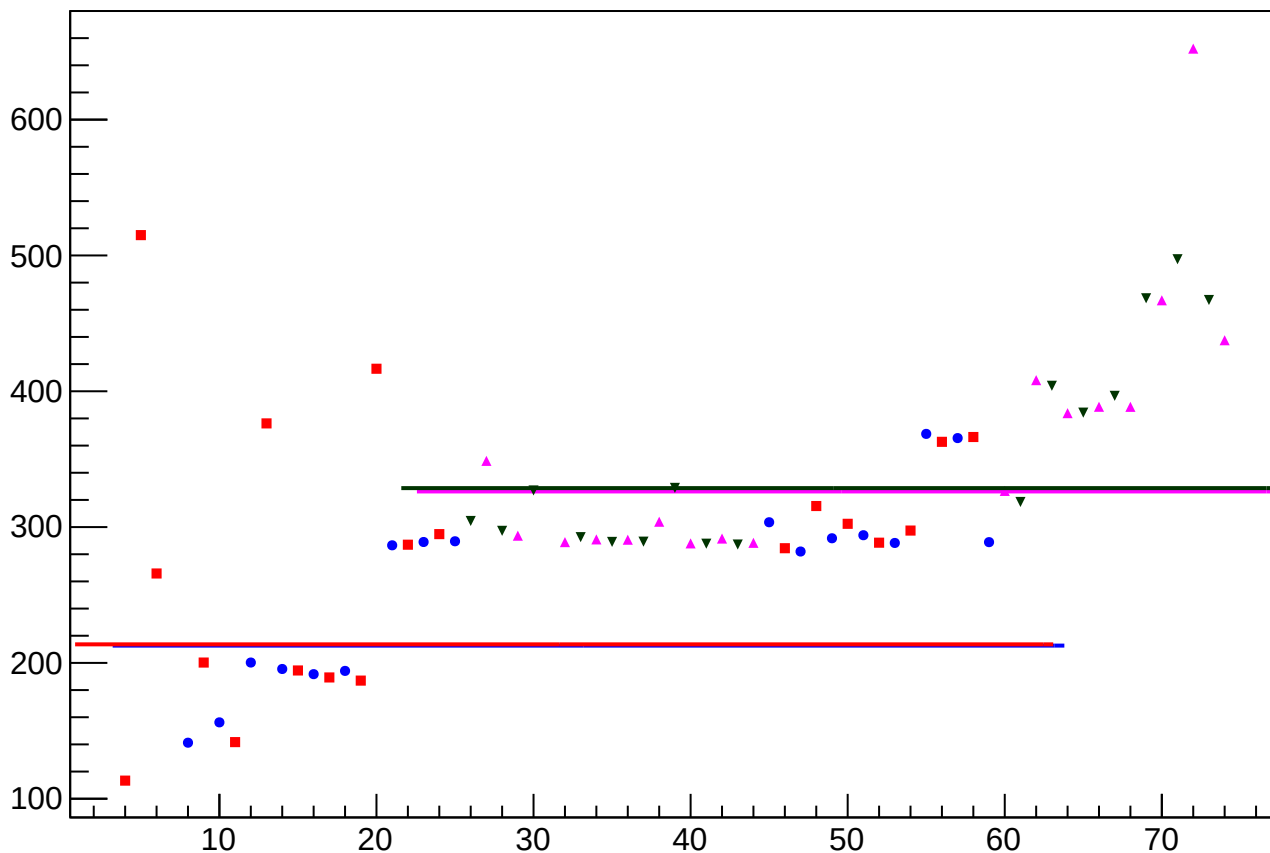
Right Out: -345.274+/-73.506 χ^2/NDF : 31.1/18

Left In: -795.268+/-107.152 χ^2/NDF :22.8/16

424.164+/-58.197 χ^2/NDF : 46.8/32

-489.272+/-60.614 χ^2/NDF : 65.8/35

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

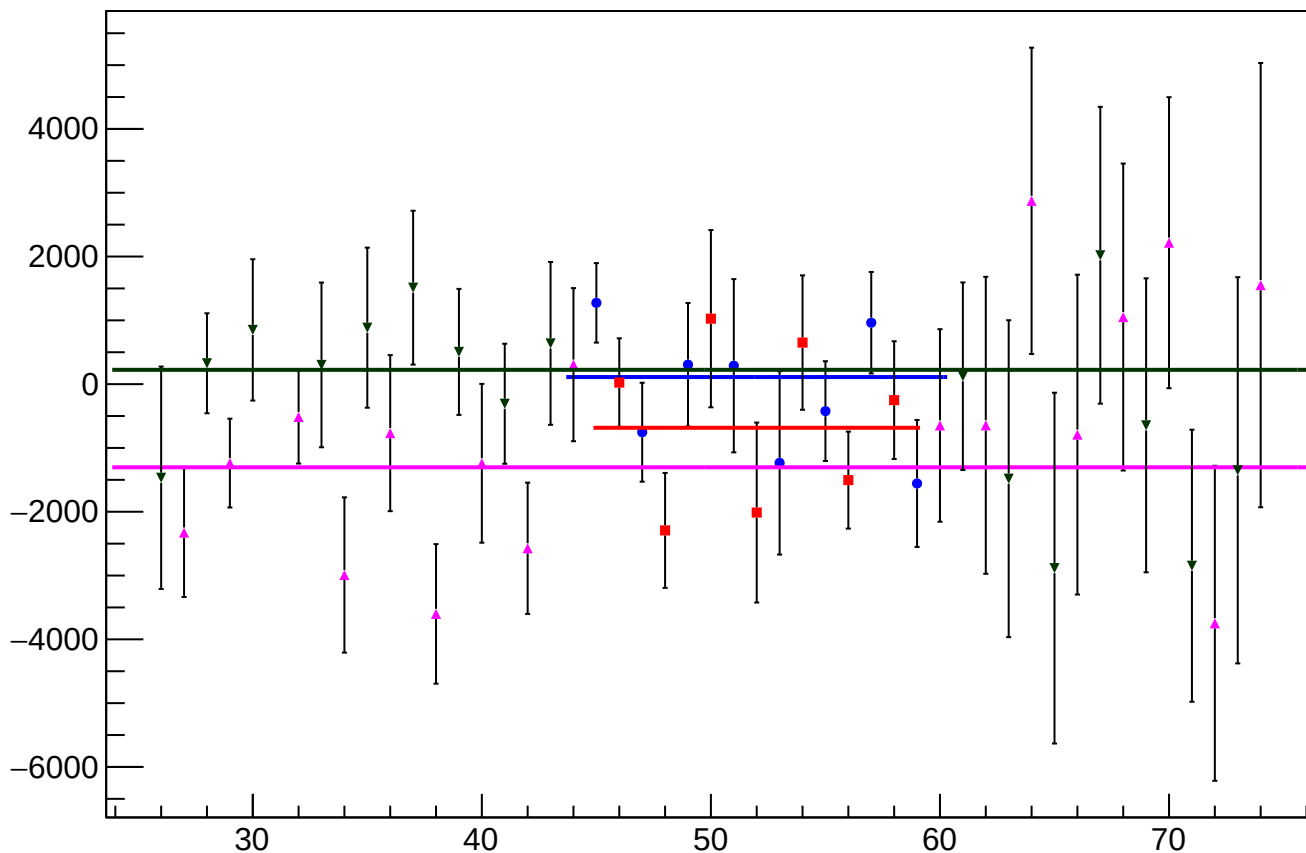
242.896+/-0.041 χ^2/NDF : 3843775.8/32

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

249.689+/-0.043 χ^2/NDF : 4599596.8/35

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

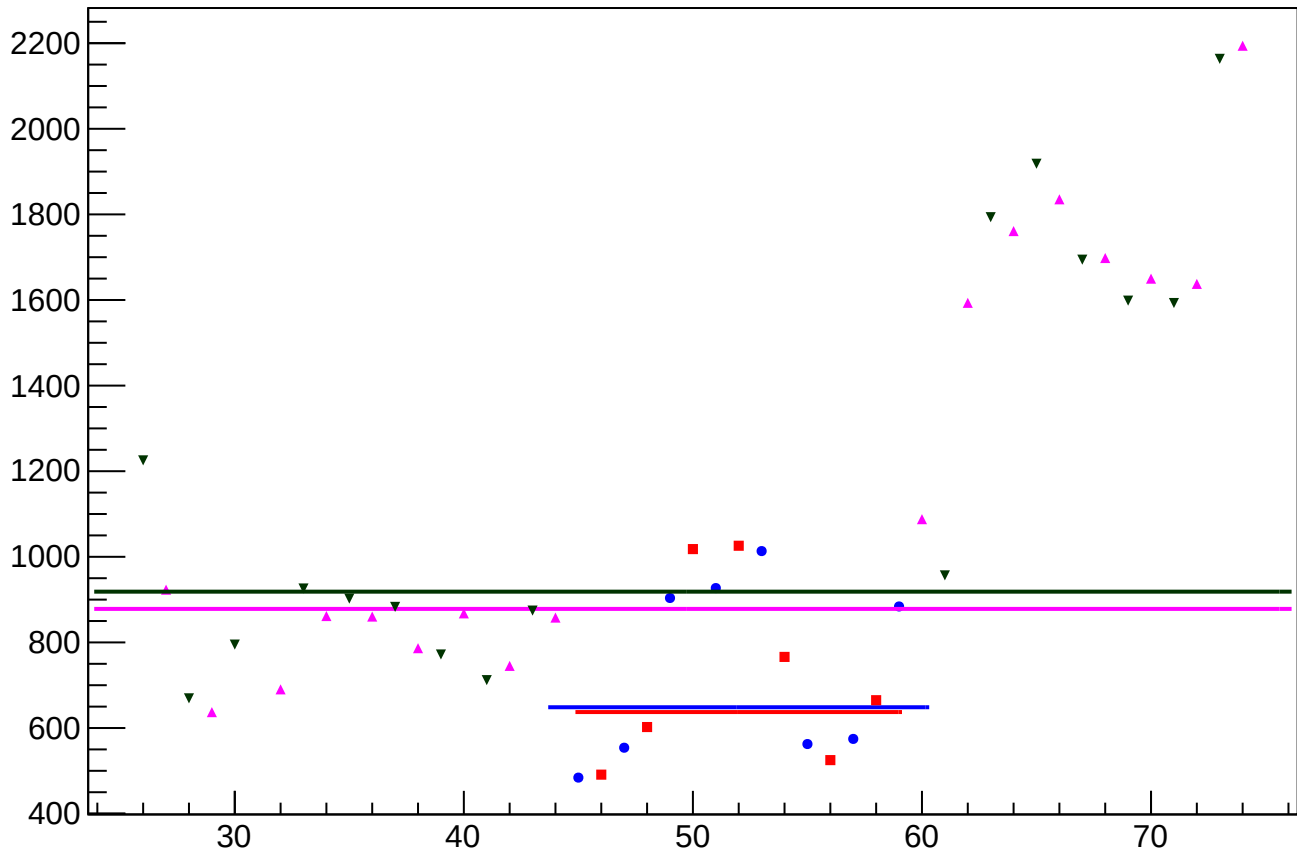
Right Out: -683.865 $\pm$ 350.550 χ^2 /NDF: 9.6/6

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

162.894 $\pm$ 226.529 χ^2 /NDF: 18.2/23

-1039.337 $\pm$ 228.875 χ^2 /NDF: 31.8/23

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

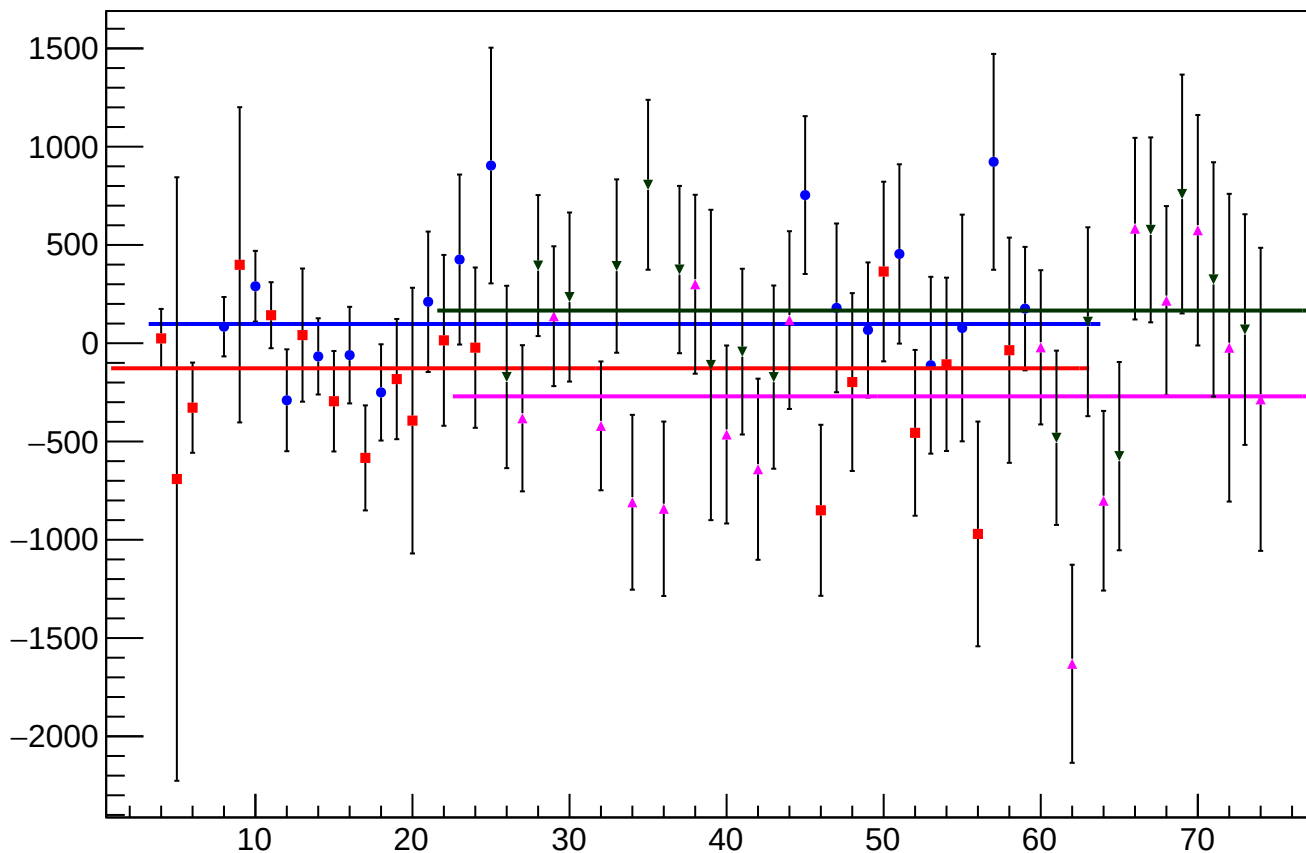
Right Out: 637.291+/-0.248 χ^2/NDF : 469305.5/6

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

772.213+/-0.160 χ^2/NDF : 3263635.5/23

775.563+/-0.162 χ^2/NDF : 3162544.5/23

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

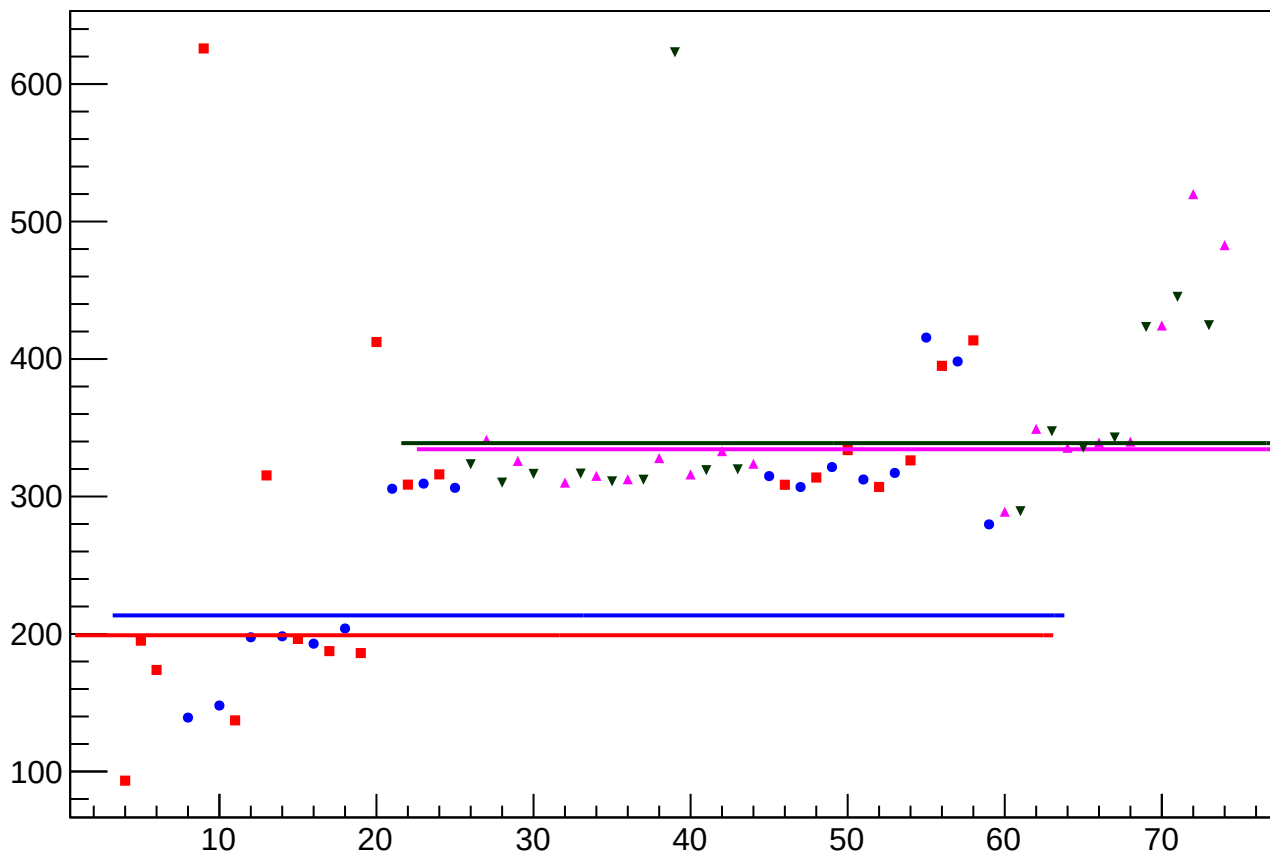
Right Out: -127.471+/-71.616 χ^2/NDF : 15.6/18

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

115.310+/-59.332 χ^2/NDF : 26.0/32

-170.585+/-59.836 χ^2/NDF : 40.4/35

dit_asym_atl_dd_rms vs slug



Right In: 213.517+/-0.049 χ^2/NDF : 2245564.6/16

Left Out: 338.824+/-0.083 χ^2/NDF : 479503.7/15

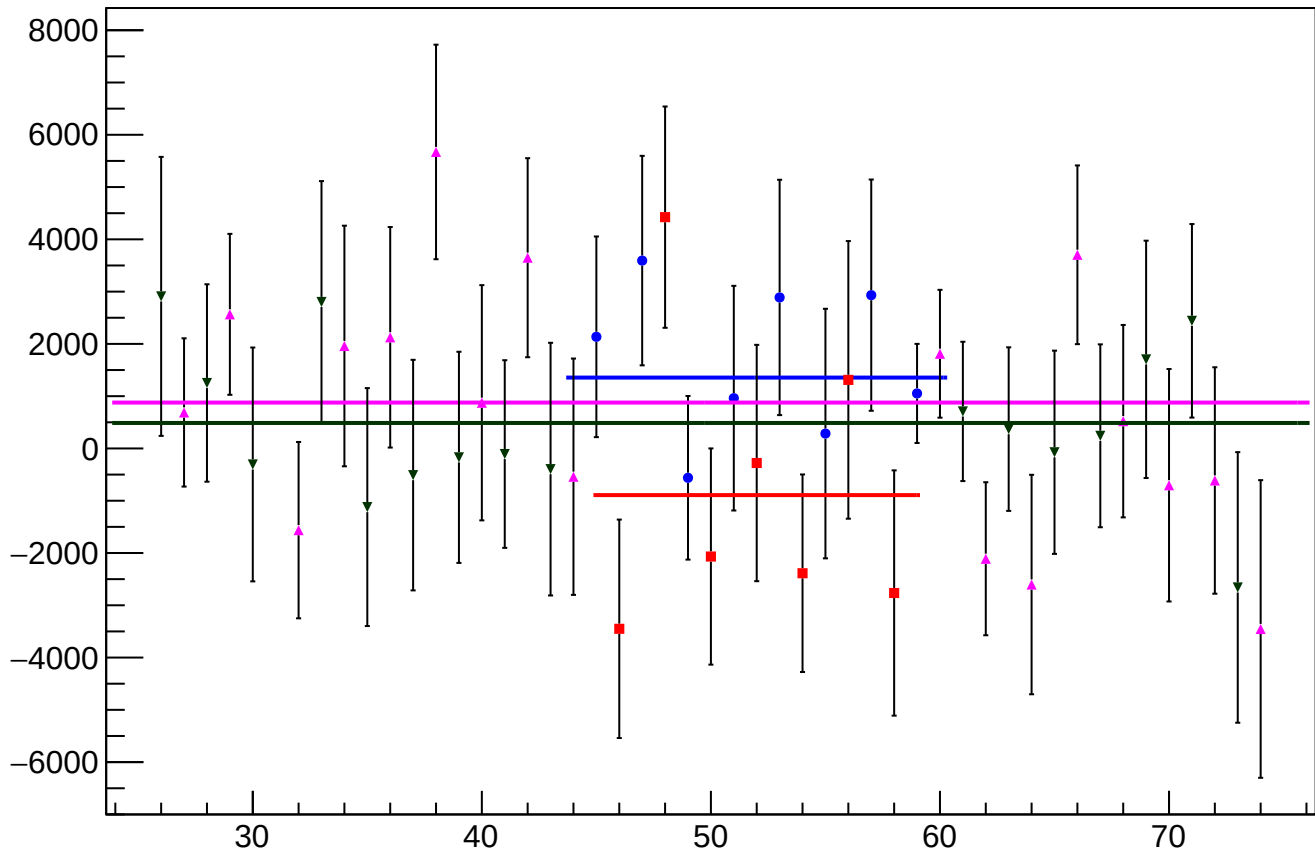
Right Out: 199.079+/-0.051 χ^2/NDF : 3833743.0/18

Left In: 334.372+/-0.077 χ^2/NDF : 288859.8/16

245.449+/-0.042 χ^2/NDF : 4419041.3/32

239.928+/-0.042 χ^2/NDF : 6277676.3/35

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

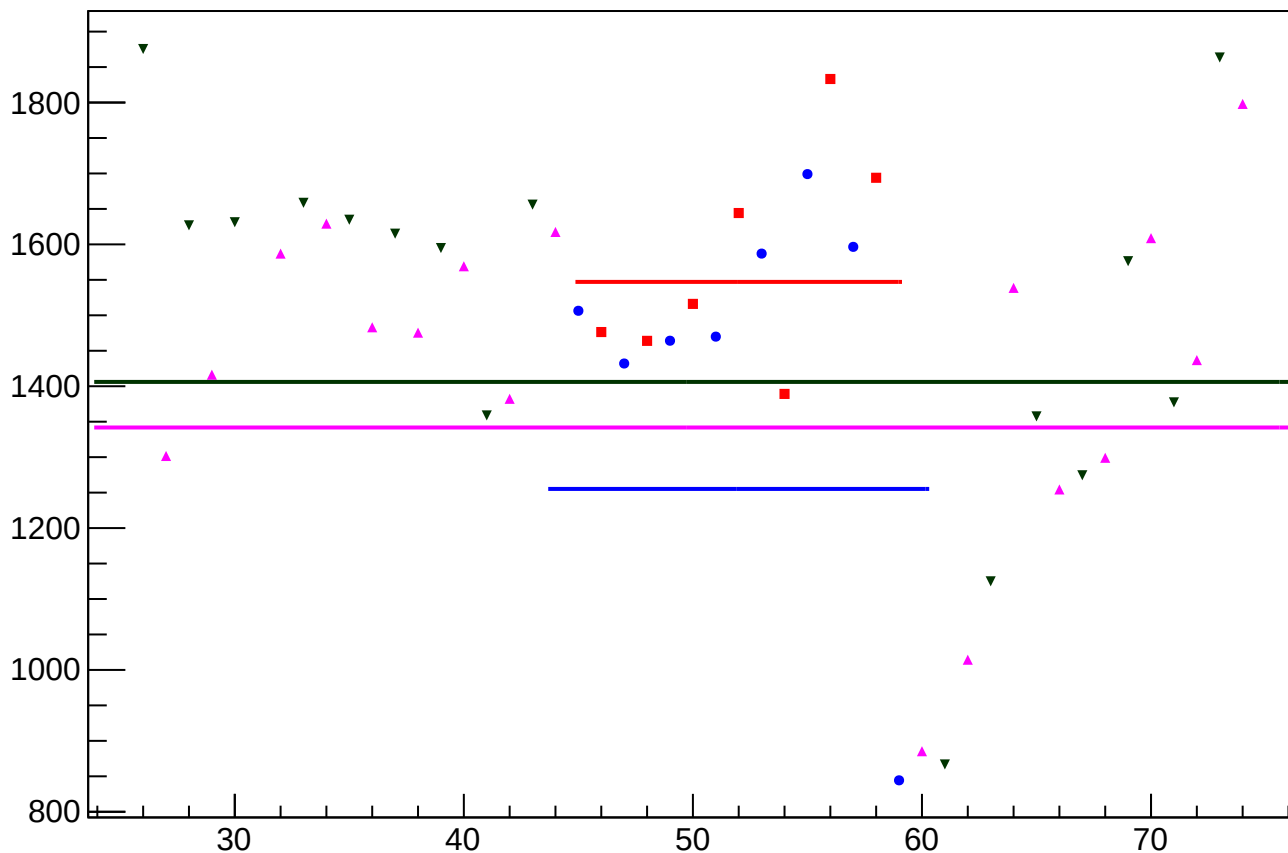
Right Out: -892.396 ± 820.465 χ^2/NDF : 10.2/6

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

840.891 ± 378.831 χ^2/NDF : 11.7/23

480.316 ± 388.779 χ^2/NDF : 39.2/23

asym_atl_dd_rms vs slug



Right In: 1255.205+/-0.420 χ^2/NDF : 641505.2/7

Left Out: 1406.092+/-0.348 χ^2/NDF : 690863.5/15

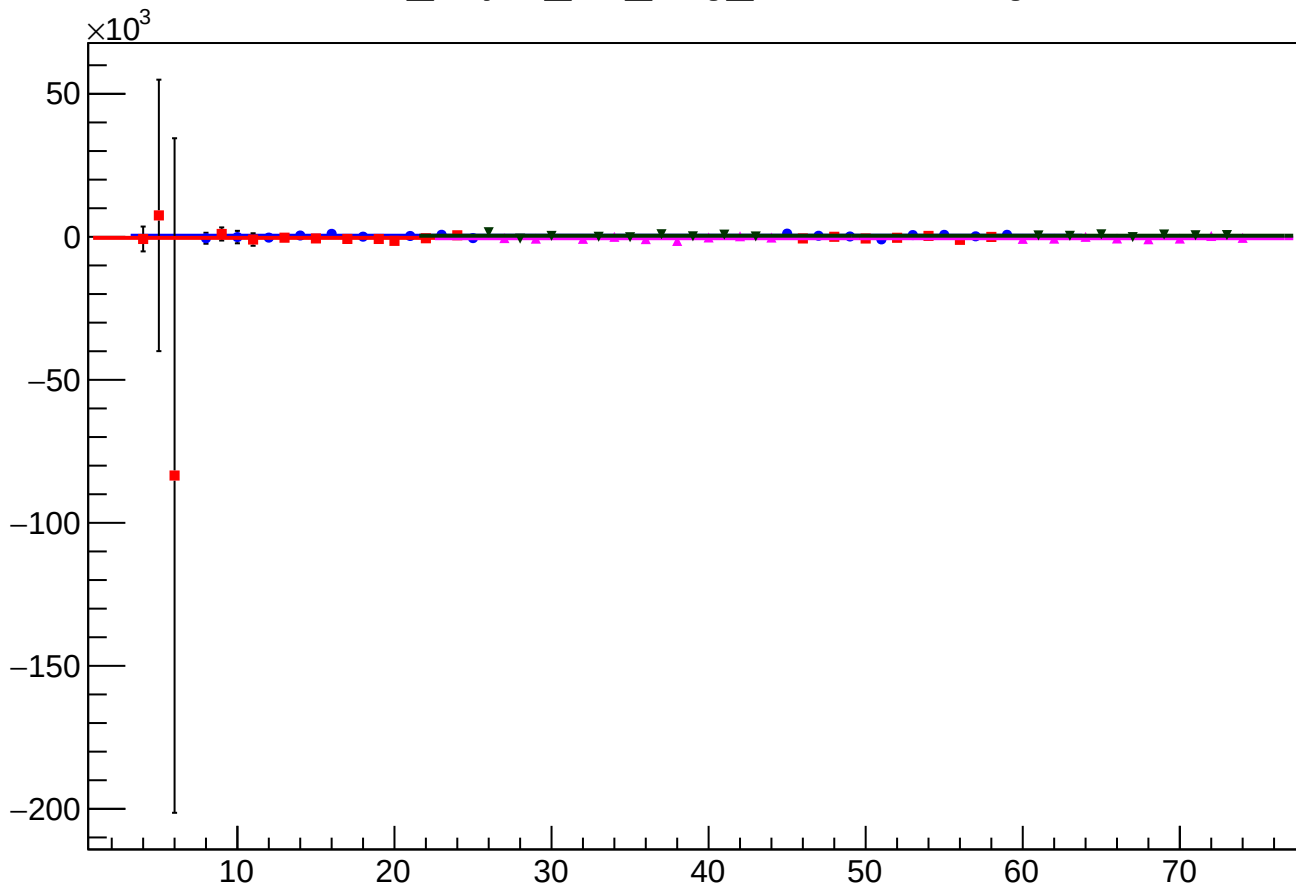
Right Out: 1547.111+/-0.580 χ^2/NDF : 54536.1/6

Left In: 1341.817+/-0.312 χ^2/NDF : 635160.2/16

1344.683+/-0.268 χ^2/NDF : 1408944.2/23

1387.913+/-0.275 χ^2/NDF : 786797.8/23

dit_asym_atr_avg_mean vs slug



Right In: 386.467 ± 121.389 χ^2/NDF : 15.8/16

Left Out: 395.577 ± 109.132 χ^2/NDF : 23.2/15

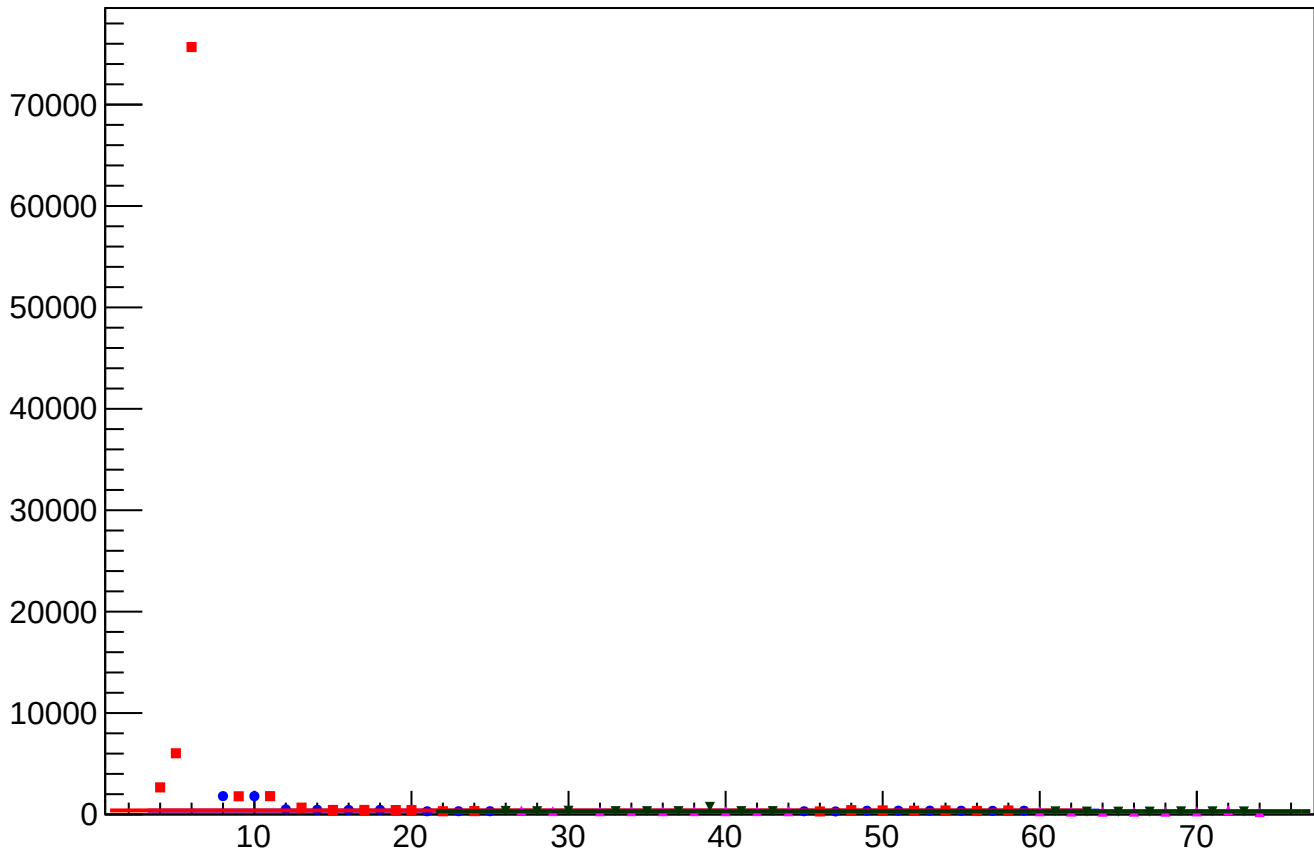
391.505 ± 81.156 χ^2/NDF : 39.0/32

Right Out: -356.042 ± 142.787 χ^2/NDF : 13.2/18

-439.705 ± 82.515 χ^2/NDF : 27.8/35

Left In: -481.654 ± 101.107 χ^2/NDF : 14.1/16

dit_asym_atr_avg_rms vs slug



Right In: 376.104 $\pm$ 0.086 χ^2 /NDF: 2412518.2/16

Left Out: 313.956 $\pm$ 0.077 χ^2 /NDF: 505709.4/15

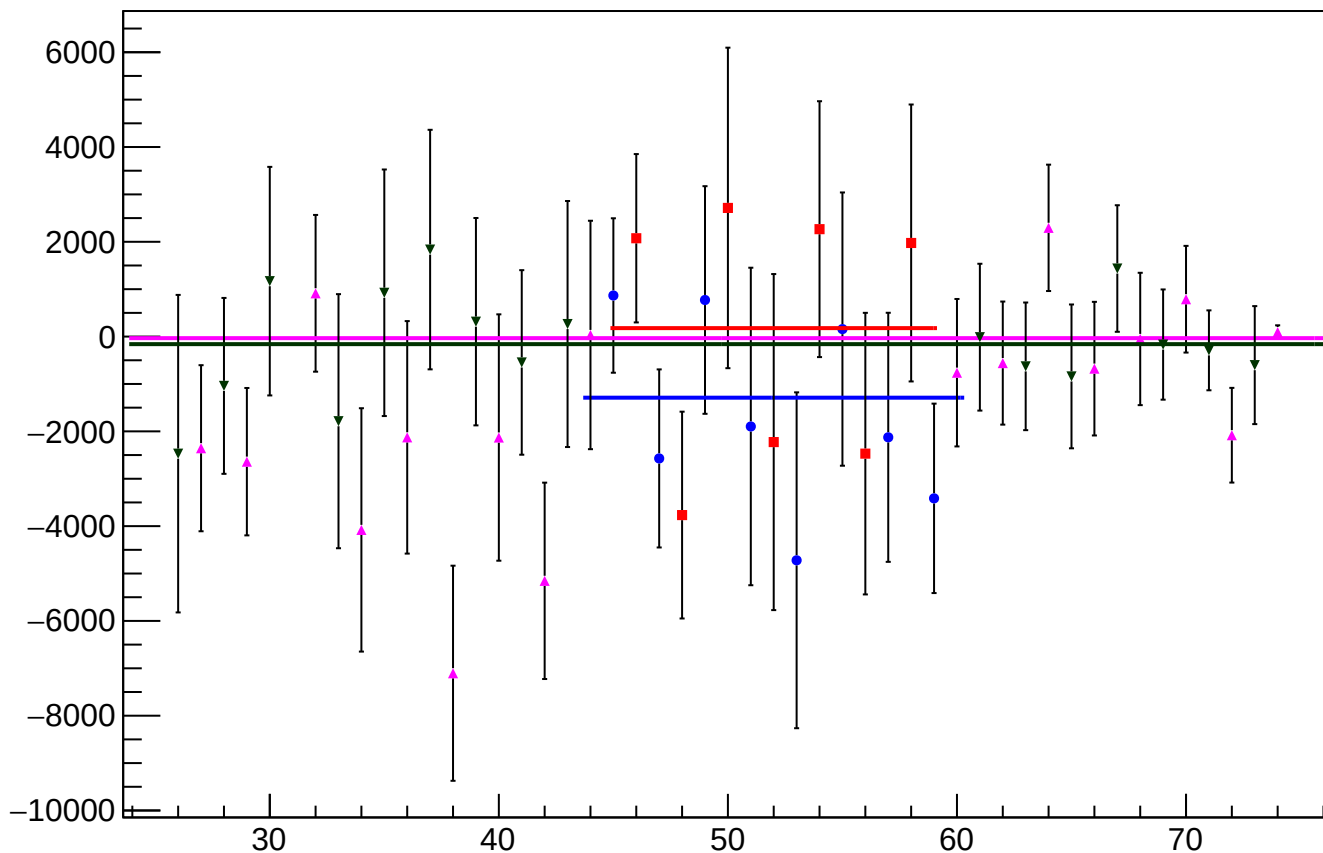
Right Out: 396.806 $\pm$ 0.101 χ^2 /NDF: 3898032.9/18

Left In: 309.535 $\pm$ 0.071 χ^2 /NDF: 307010.2/16

341.735 $\pm$ 0.057 χ^2 /NDF: 3208136.0/32

338.679 $\pm$ 0.058 χ^2 /NDF: 4702672.1/35

asym_atr_avg_mean vs slug



Right In: -1289.341 $\pm$ 811.773 χ^2 /NDF: 5.4/7

Left Out: -159.627 $\pm$ 396.204 χ^2 /NDF: 4.2/15

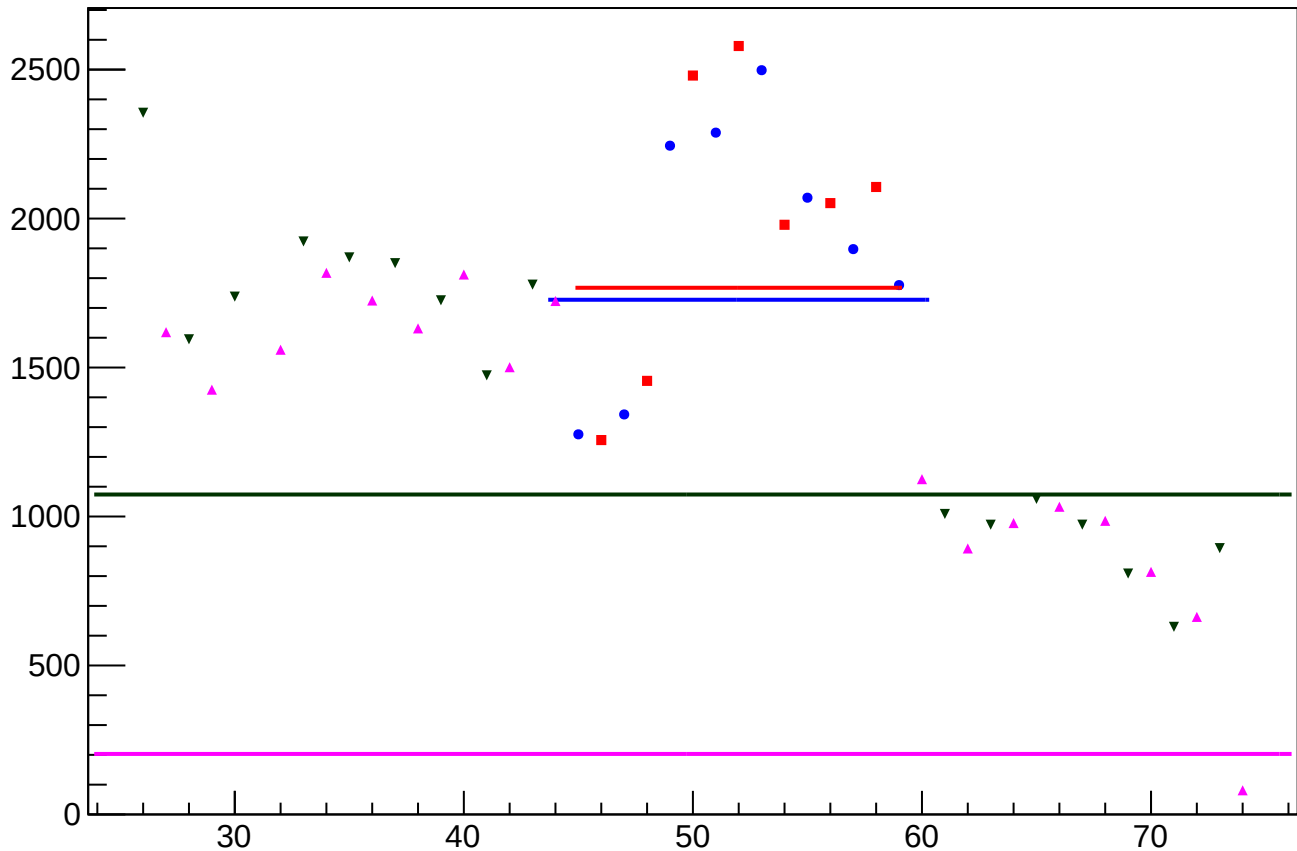
Right Out: 178.359 $\pm$ 970.523 χ^2 /NDF: 7.2/6

Left In: -33.147 $\pm$ 133.699 χ^2 /NDF: 33.8/16

-376.968 $\pm$ 356.058 χ^2 /NDF: 11.2/23

-29.208 $\pm$ 132.449 χ^2 /NDF: 41.0/23

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

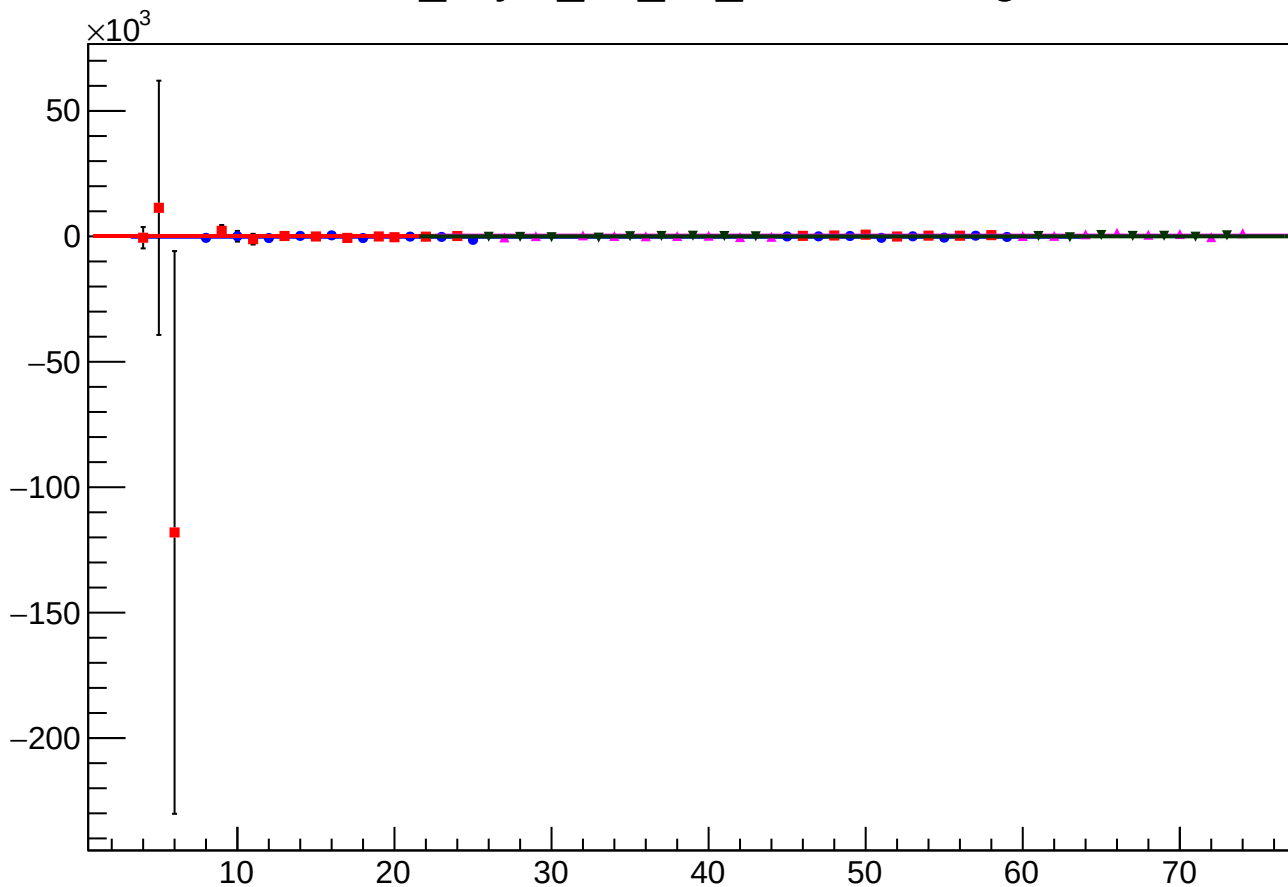
1199.588+/-0.252 χ^2/NDF : 3880939.5/23

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

232.255+/-0.094 χ^2/NDF : 19893854.0/23

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

dit_asym_atr_dd_mean vs slug



Right In: -149.688 ± 107.526 χ^2/NDF : 11.9/16

Left Out: 15.494 ± 103.474 χ^2/NDF : 7.5/15

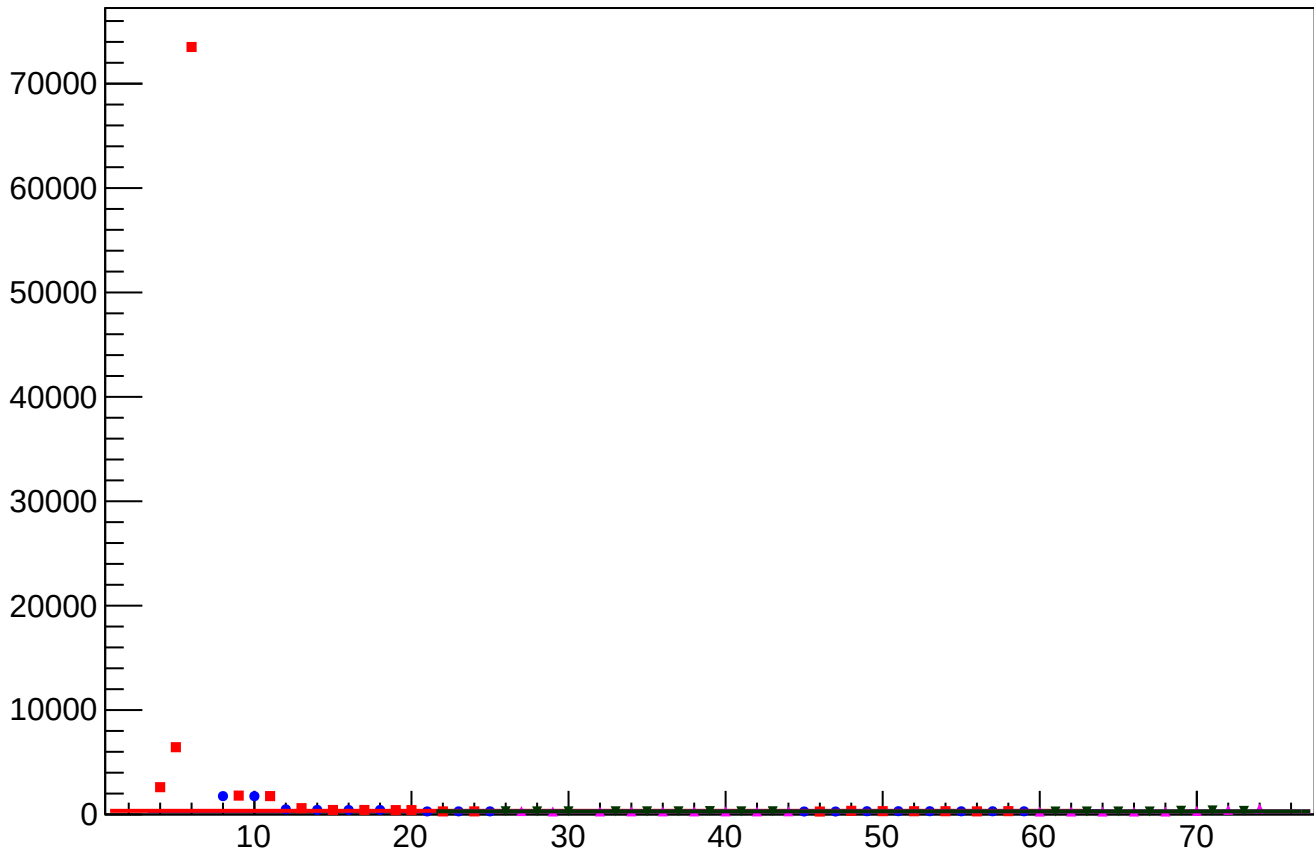
Right Out: 155.537 ± 125.361 χ^2/NDF : 7.7/18

Left In: 296.348 ± 98.119 χ^2/NDF : 23.8/16

-63.926 ± 74.559 χ^2/NDF : 20.6/32

242.856 ± 77.266 χ^2/NDF : 32.3/35

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

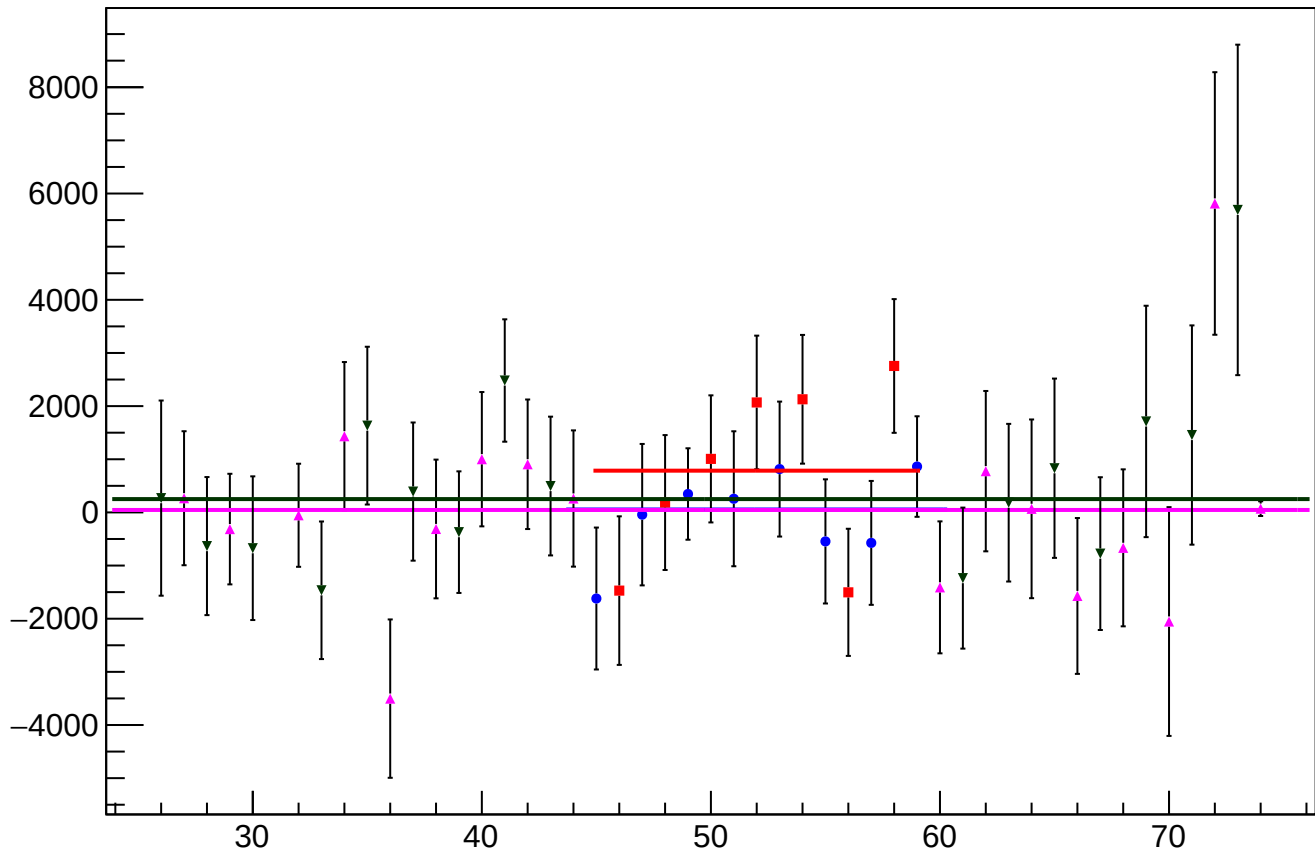
Right Out: 347.036+/-0.089 χ^2/NDF : 4061687.5/18

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

316.298+/-0.053 χ^2/NDF : 2796376.8/32

318.492+/-0.055 χ^2/NDF : 4546411.1/35

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

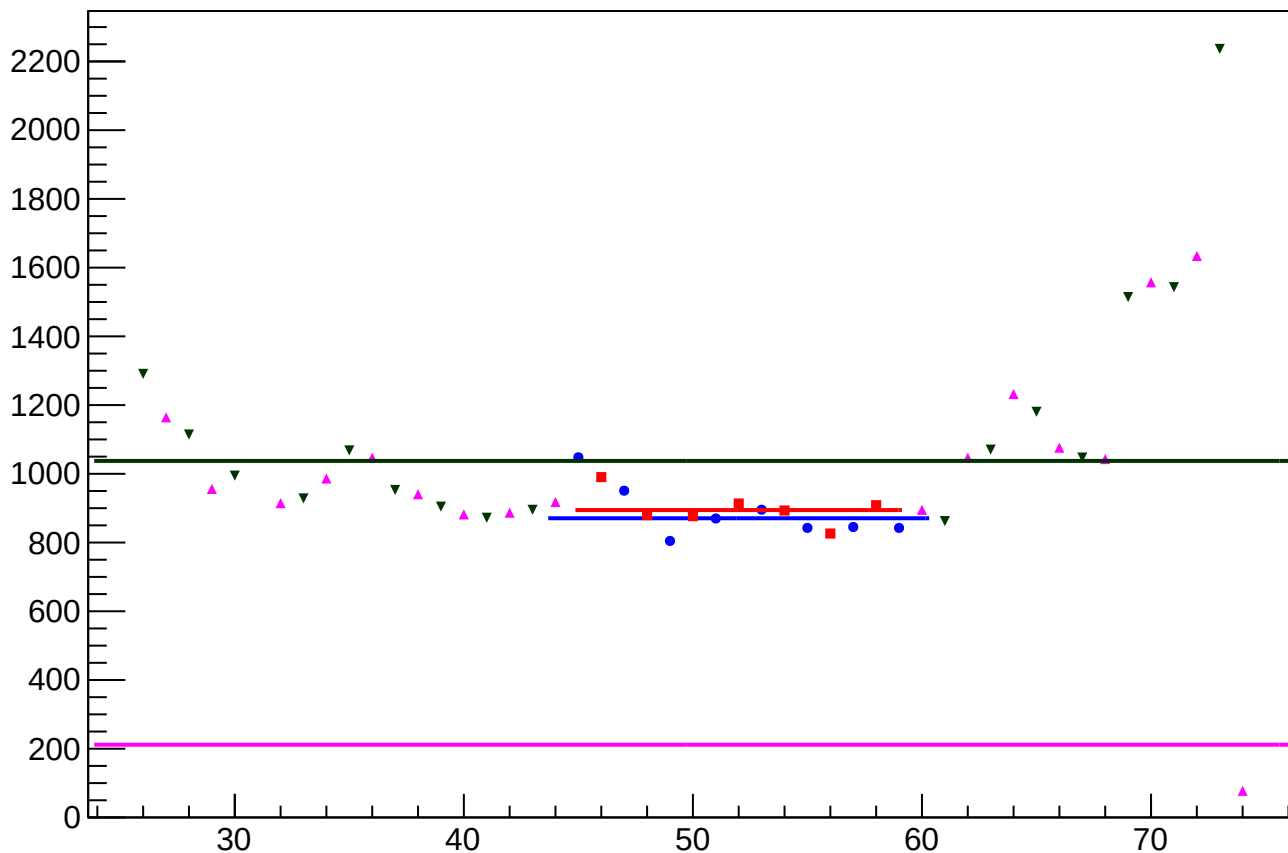
Right Out: 785.449+/-472.580 χ^2/NDF : 11.3/6

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

161.615+/-268.256 χ^2/NDF : 16.9/23

96.562+/-123.458 χ^2/NDF : 31.0/23

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

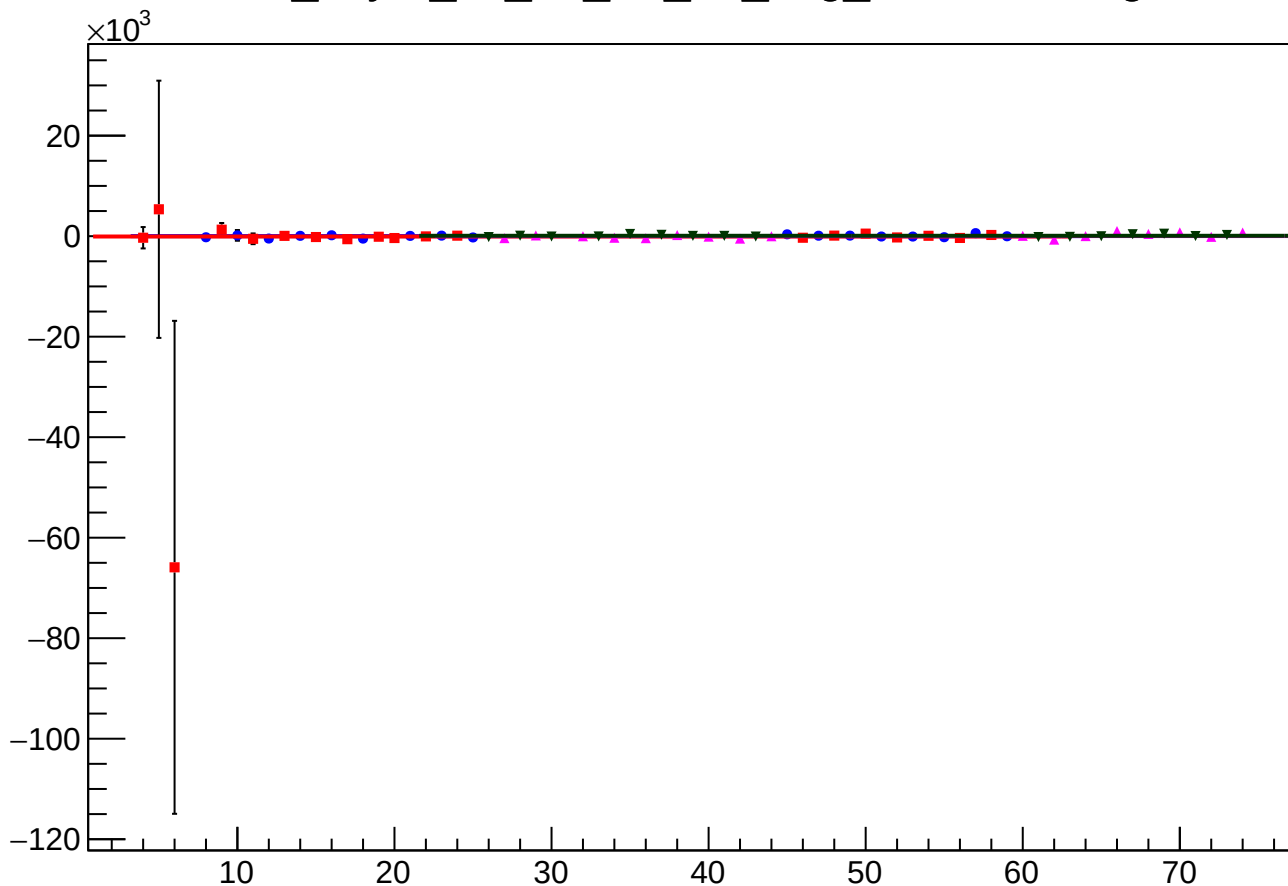
Right Out: 894.521+/-0.334 χ^2/NDF : 17350.5/6

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

961.845+/-0.190 χ^2/NDF : 977275.9/23

258.309+/-0.087 χ^2/NDF : 17389797.5/23

dit_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 13.105+/-74.677 χ^2/NDF : 11.3/16

Left Out: 74.585+/-81.702 χ^2/NDF : 6.3/15

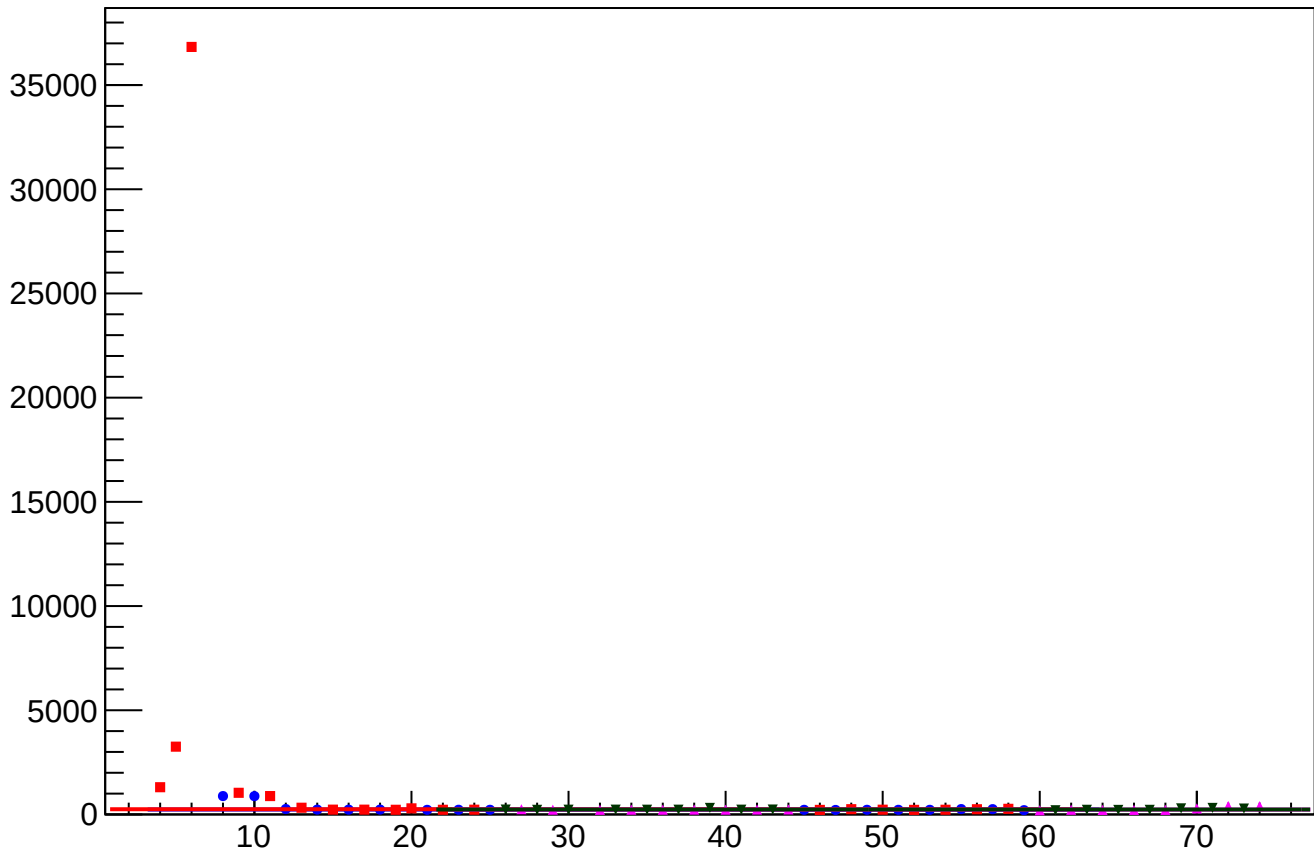
Right Out: -67.631+/-88.121 χ^2/NDF : 12.9/18

Left In: 19.243+/-76.622 χ^2/NDF : 30.4/16

41.089+/-55.121 χ^2/NDF : 17.9/32

-18.159+/-57.821 χ^2/NDF : 43.9/35

dit_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 235.476 $\pm$ 0.053 χ^2 /NDF: 1770954.5/16

Left Out: 237.174 $\pm$ 0.058 χ^2 /NDF: 260170.3/15

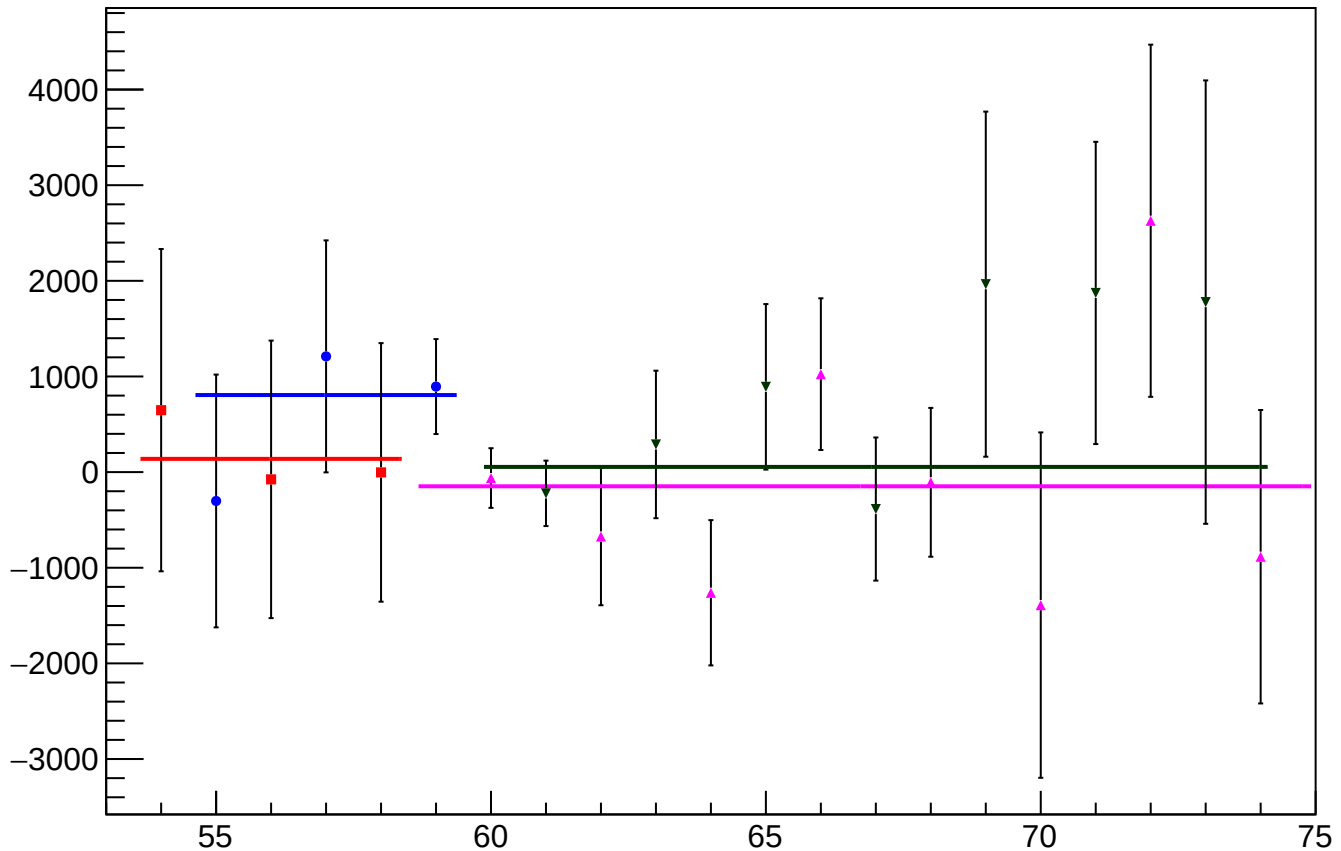
Right Out: 250.270 $\pm$ 0.062 χ^2 /NDF: 3284404.3/18

Left In: 234.436 $\pm$ 0.054 χ^2 /NDF: 382495.9/16

236.249 $\pm$ 0.039 χ^2 /NDF: 2031595.6/32

241.253 $\pm$ 0.041 χ^2 /NDF: 3703673.1/35

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: 805.843 $\pm$ 433.971 χ^2 /NDF: 0.8/2

Left Out: 54.304 $\pm$ 264.985 χ^2 /NDF: 5.0/6

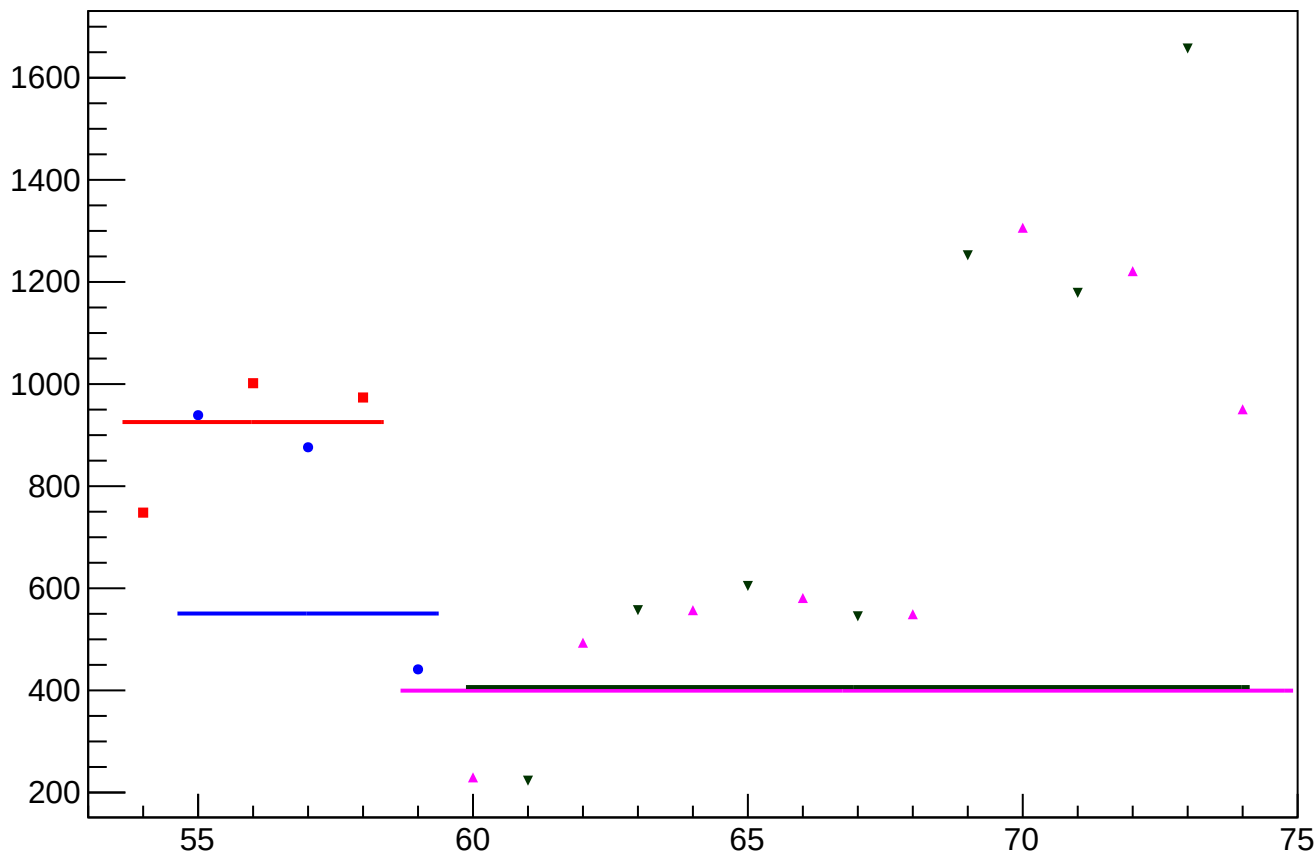
Right Out: 138.421 $\pm$ 852.956 χ^2 /NDF: 0.1/2

Left In: -148.378 $\pm$ 234.321 χ^2 /NDF: 7.9/7

258.408 $\pm$ 226.158 χ^2 /NDF: 8.1/9

-128.252 $\pm$ 225.950 χ^2 /NDF: 8.2/10

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

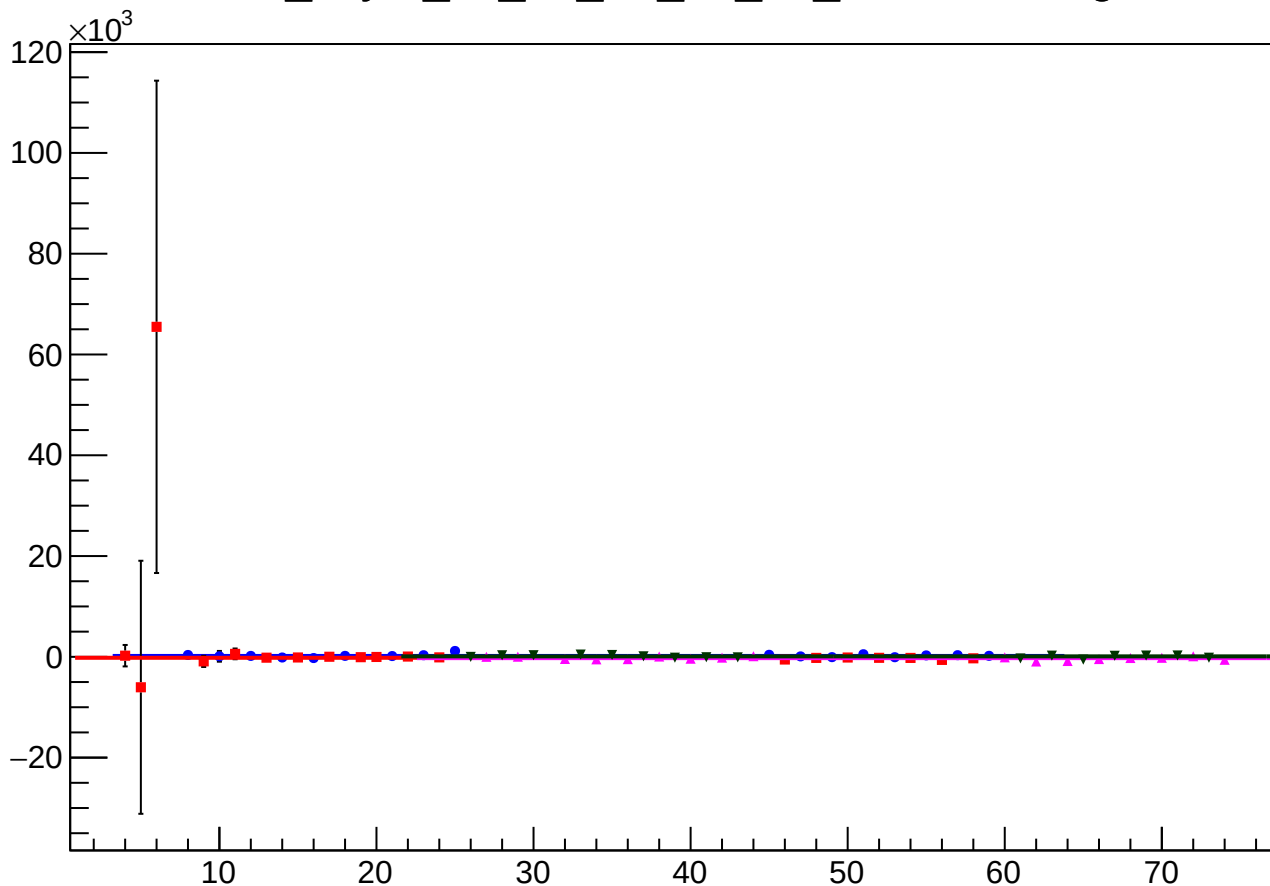
Right Out: 925.608+/-0.603 χ^2/NDF : 30201.7/2

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

445.662+/-0.160 χ^2/NDF : 2897905.3/9

436.457+/-0.160 χ^2/NDF : 2790270.1/10

dit_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 176.379+/-72.729 χ^2/NDF : 14.1/16

Left Out: 94.768+/-75.621 χ^2/NDF :12.8/15

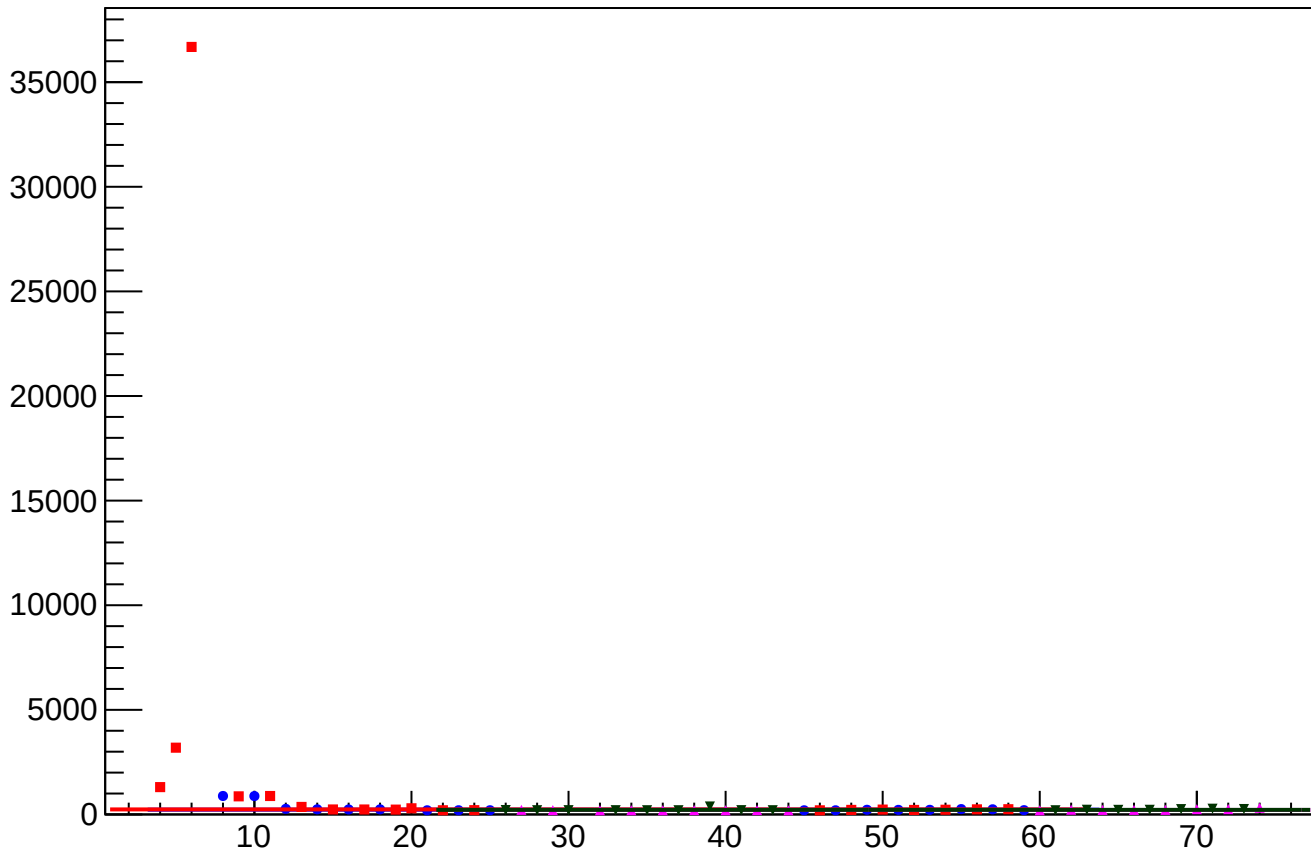
Right Out: -189.367+/-85.306 χ^2/NDF : 7.4/18

Left In: -257.147+/-69.763 χ^2/NDF :17.7/16

137.164+/-52.420 χ^2/NDF : 27.5/32

-229.984+/-54.004 χ^2/NDF : 25.5/35

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

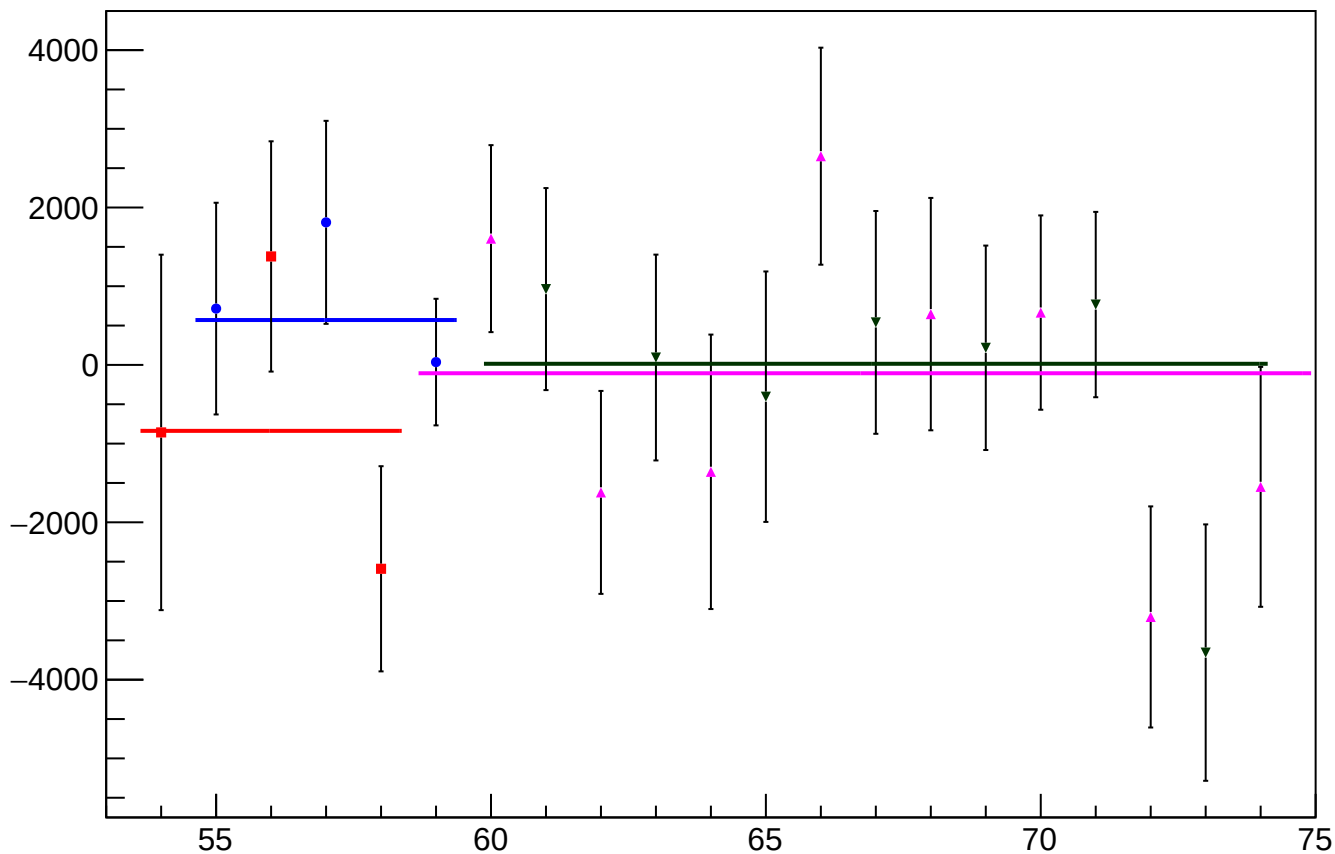
Right Out: 240.812 $\pm$ 0.060 χ^2 /NDF: 3397959.1/18

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

223.807 $\pm$ 0.037 χ^2 /NDF: 2302931.7/32

225.197 $\pm$ 0.038 χ^2 /NDF: 3670820.7/35

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 570.263+/-608.571 χ^2/NDF : 1.4/2

Left Out: 14.313+/-514.594 χ^2/NDF : 6.3/6

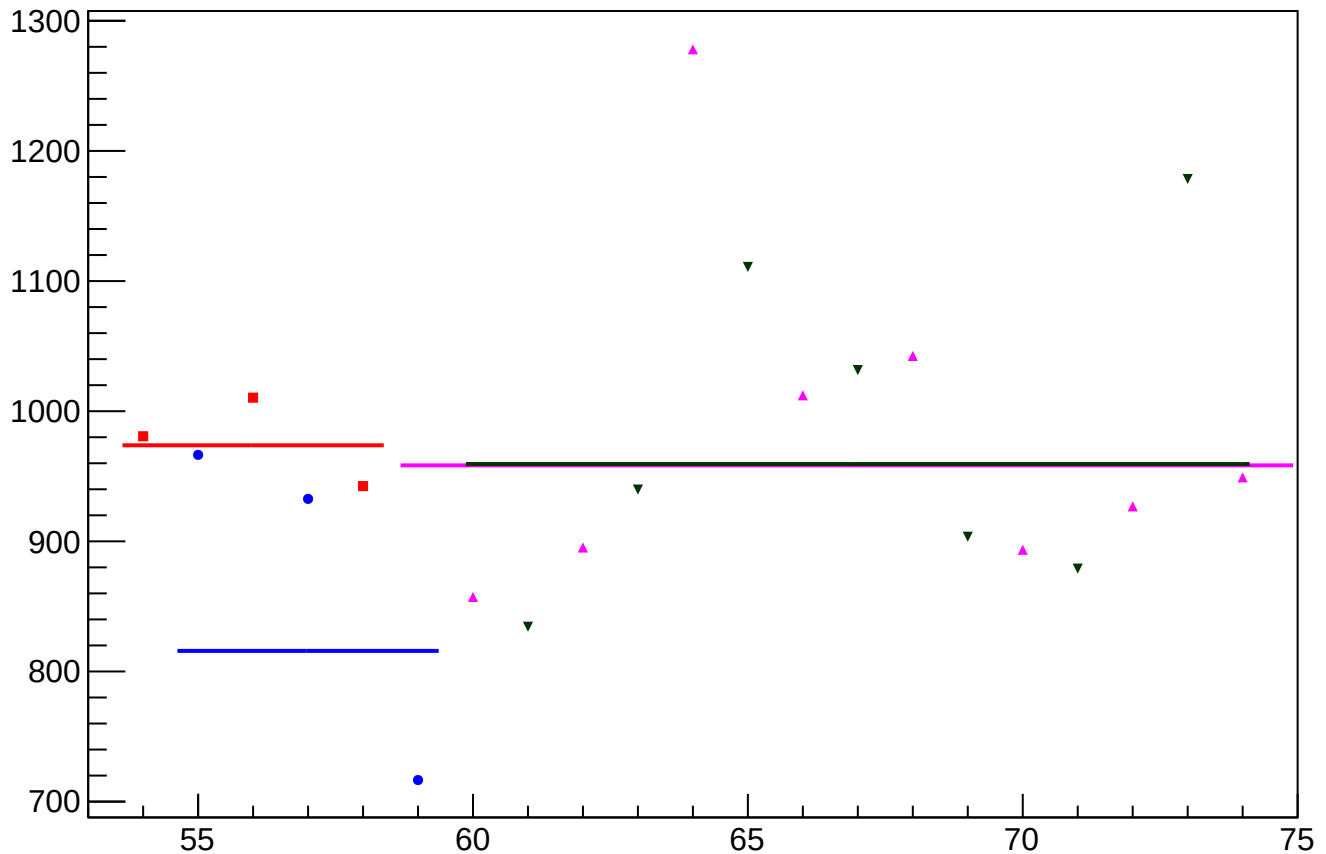
Right Out: -838.038+/-893.823 χ^2/NDF : 4.1/2

Left In: -105.966+/-486.981 χ^2/NDF : 14.4/7

246.094+/-392.946 χ^2/NDF : 8.1/9

-273.533+/-427.631 χ^2/NDF : 19.0/10

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

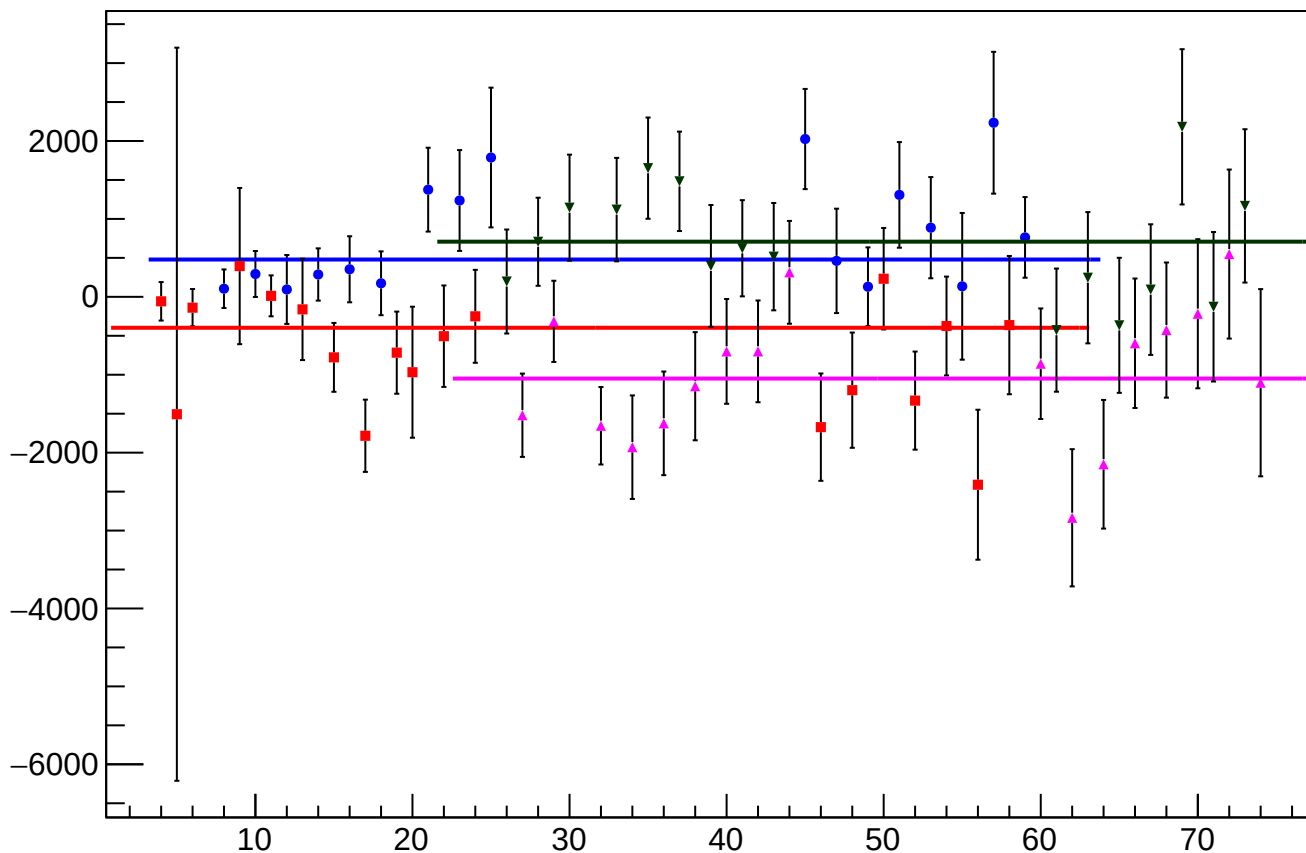
Right Out: 973.809+/-0.632 χ^2/NDF : 2427.1/2

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

899.534+/-0.278 χ^2/NDF : 228774.2/9

961.908+/-0.302 χ^2/NDF : 105527.5/10

dit_asym_atl1_mean vs slug



Right In: 478.878 ± 112.090 $\chi^2/\text{NDF}: 23.0/16$

Left Out: 708.016 ± 182.925 $\chi^2/\text{NDF}: 12.8/15$

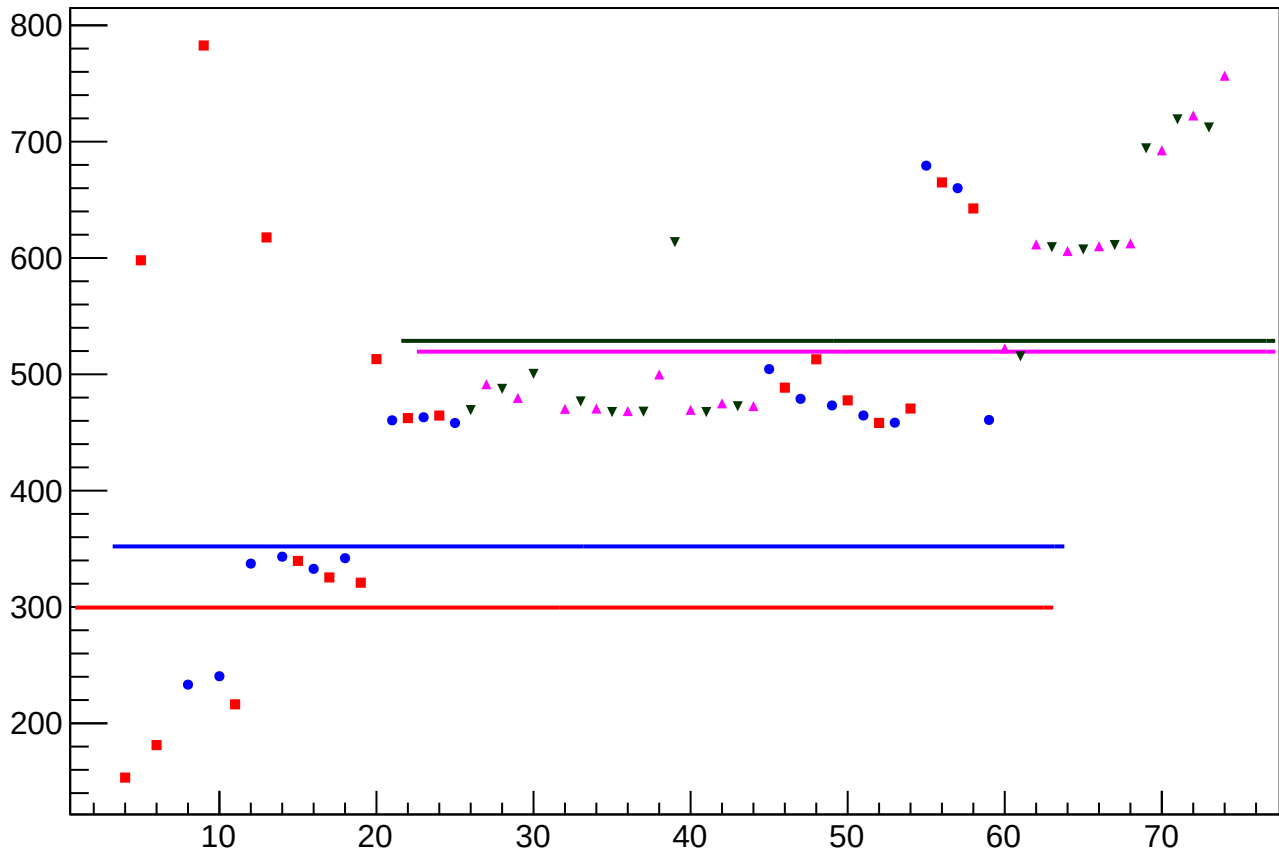
Right Out: -397.094 ± 108.259 $\chi^2/\text{NDF}: 29.0/18$

Left In: -1049.004 ± 169.415 $\chi^2/\text{NDF}: 21.3/16$

541.429 ± 95.574 $\chi^2/\text{NDF}: 37.0/32$

-586.113 ± 91.224 $\chi^2/\text{NDF}: 60.8/35$

dit_asym_atl1_rms vs slug



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

400.288 $\pm$ 0.068 χ^2 /NDF: 3640357.3/32

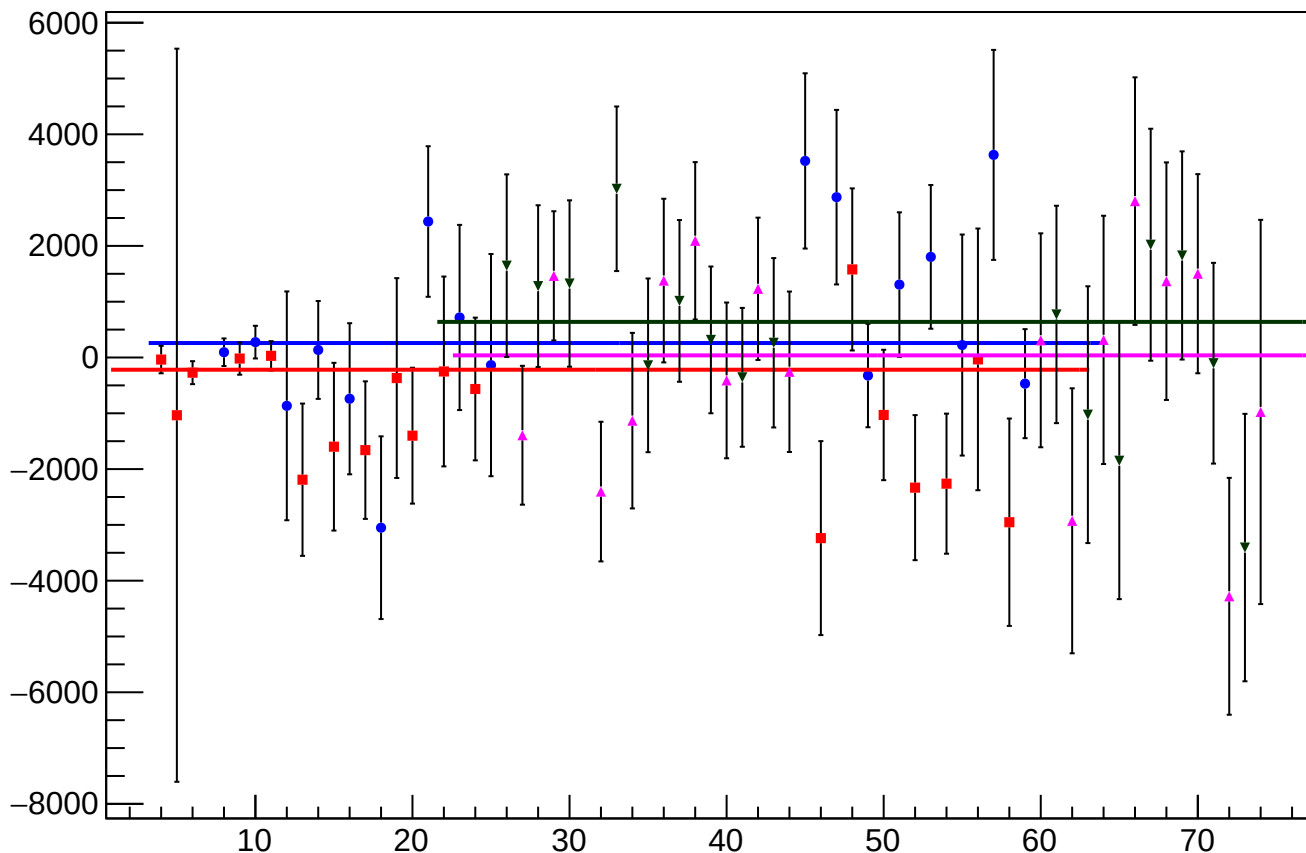
Left Out: 528.765 $\pm$ 0.129 χ^2 /NDF: 392743.3/15

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

363.284 $\pm$ 0.065 χ^2 /NDF: 6888269.9/35

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

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

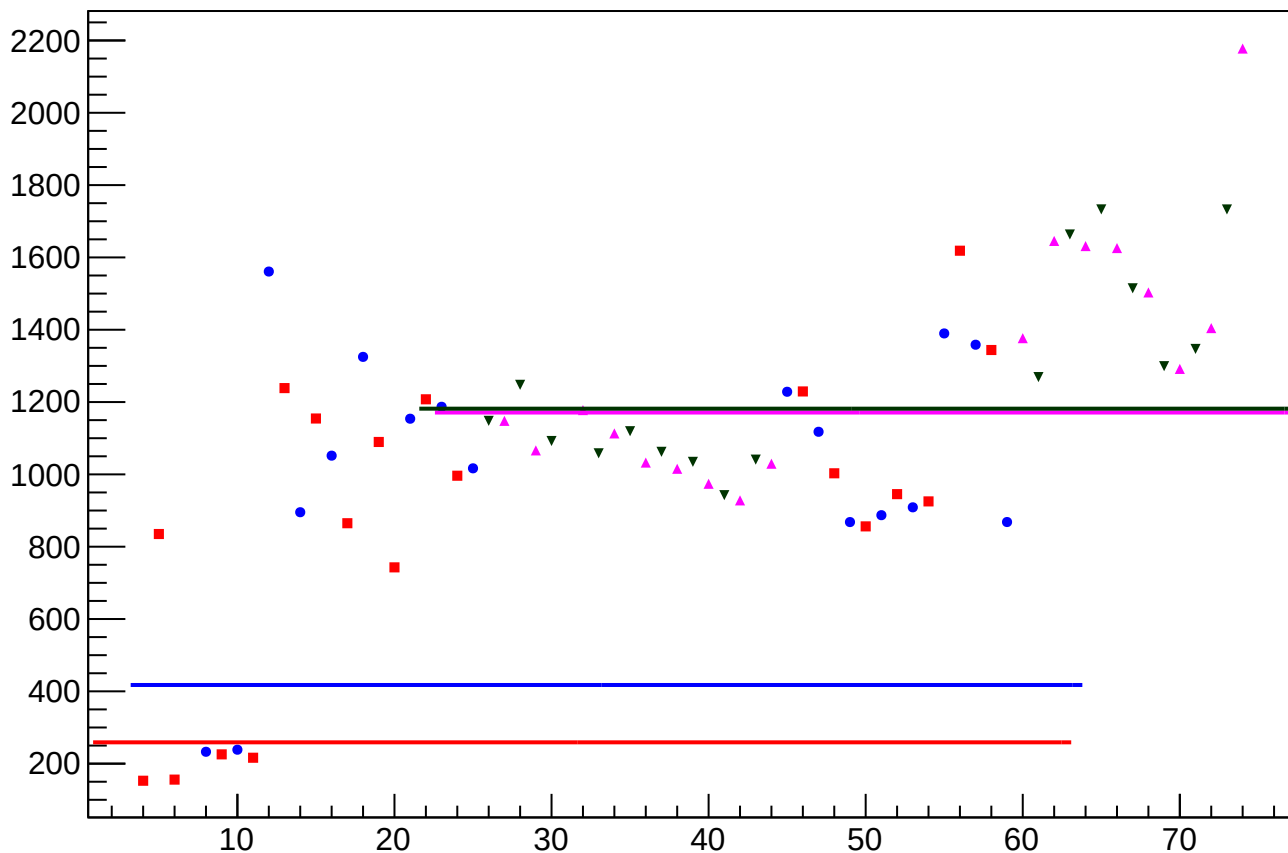
Right Out: -219.002 ± 116.750 χ^2/NDF : 19.8/18

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

312.251 ± 153.667 χ^2/NDF : 32.1/32

-197.469 ± 111.751 χ^2/NDF : 39.8/35

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

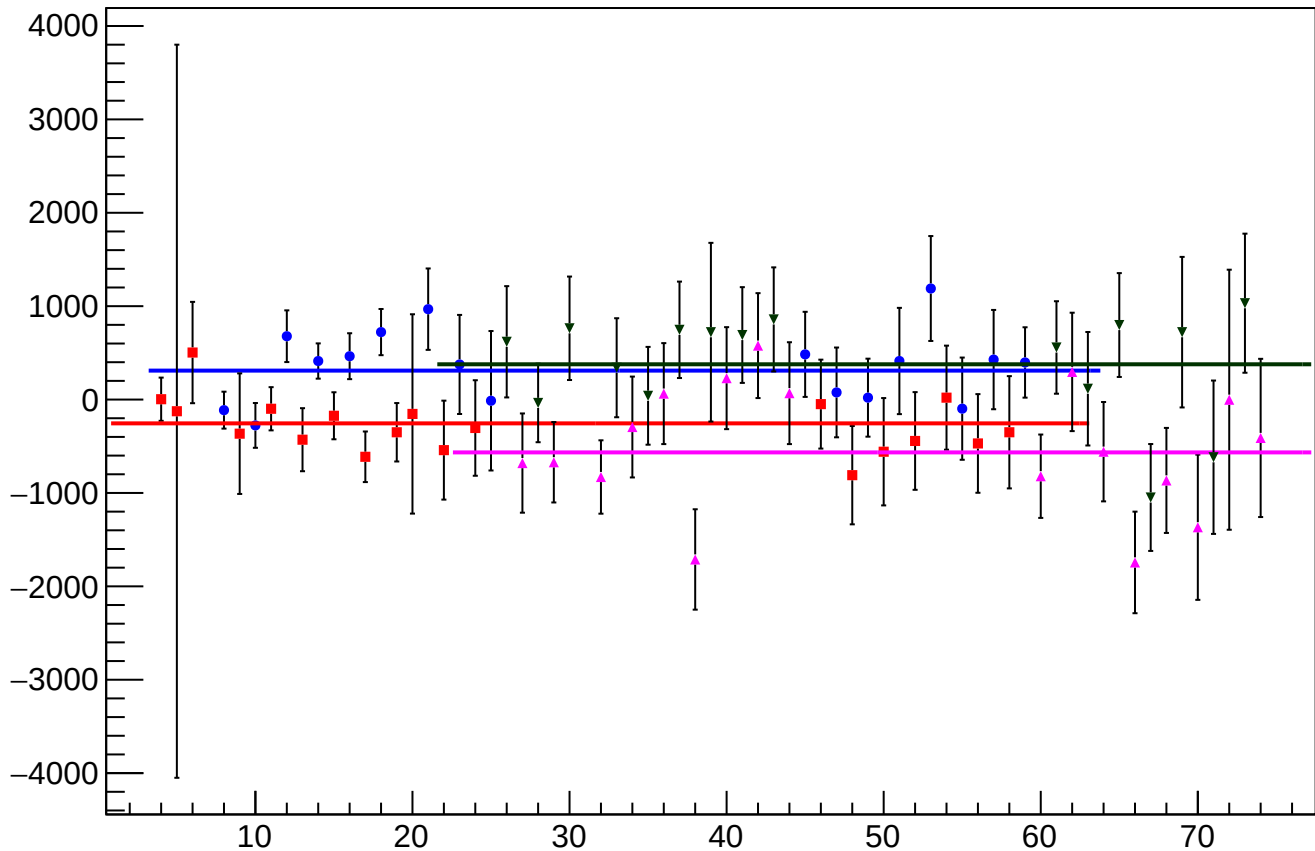
Right Out: 258.947+/-0.083 χ^2/NDF : 9371194.0/18

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

524.429+/-0.109 χ^2/NDF : 15188902.4/32

335.374+/-0.079 χ^2/NDF : 20318686.3/35

dit_asym_atl2_mean vs slug



Right In: 310.027 ± 78.405 χ^2/NDF : 22.3/16

Left Out: 377.708 ± 143.292 χ^2/NDF : 13.3/15

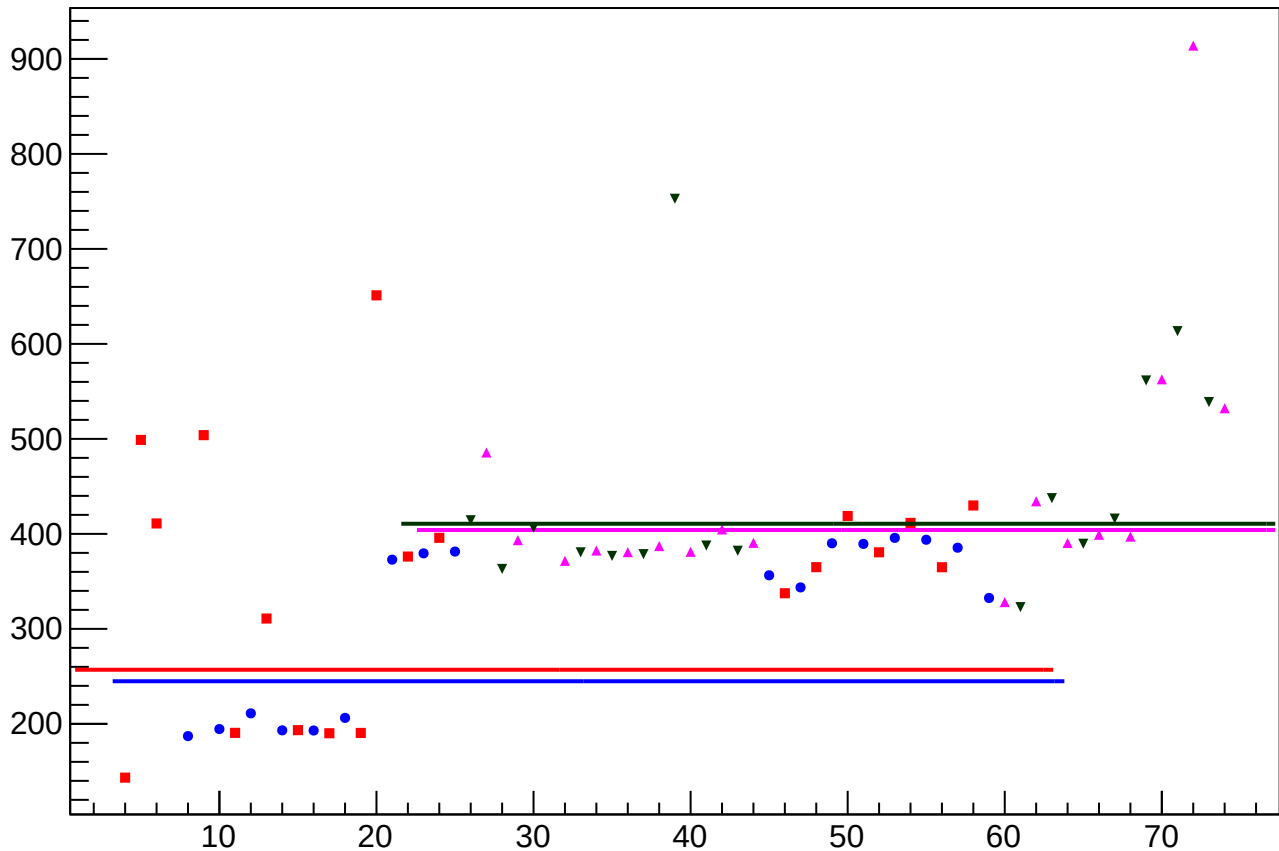
Right Out: -254.882 ± 89.734 χ^2/NDF : 8.4/18

Left In: -565.786 ± 132.727 χ^2/NDF : 22.7/16

325.621 ± 68.782 χ^2/NDF : 35.8/32

-352.412 ± 74.339 χ^2/NDF : 34.9/35

dit_asym_atl2_rms vs slug



Right In: 244.857+/-0.055 χ^2/NDF : 2060547.2/16

Left Out: 410.661+/-0.101 χ^2/NDF : 634292.2/15

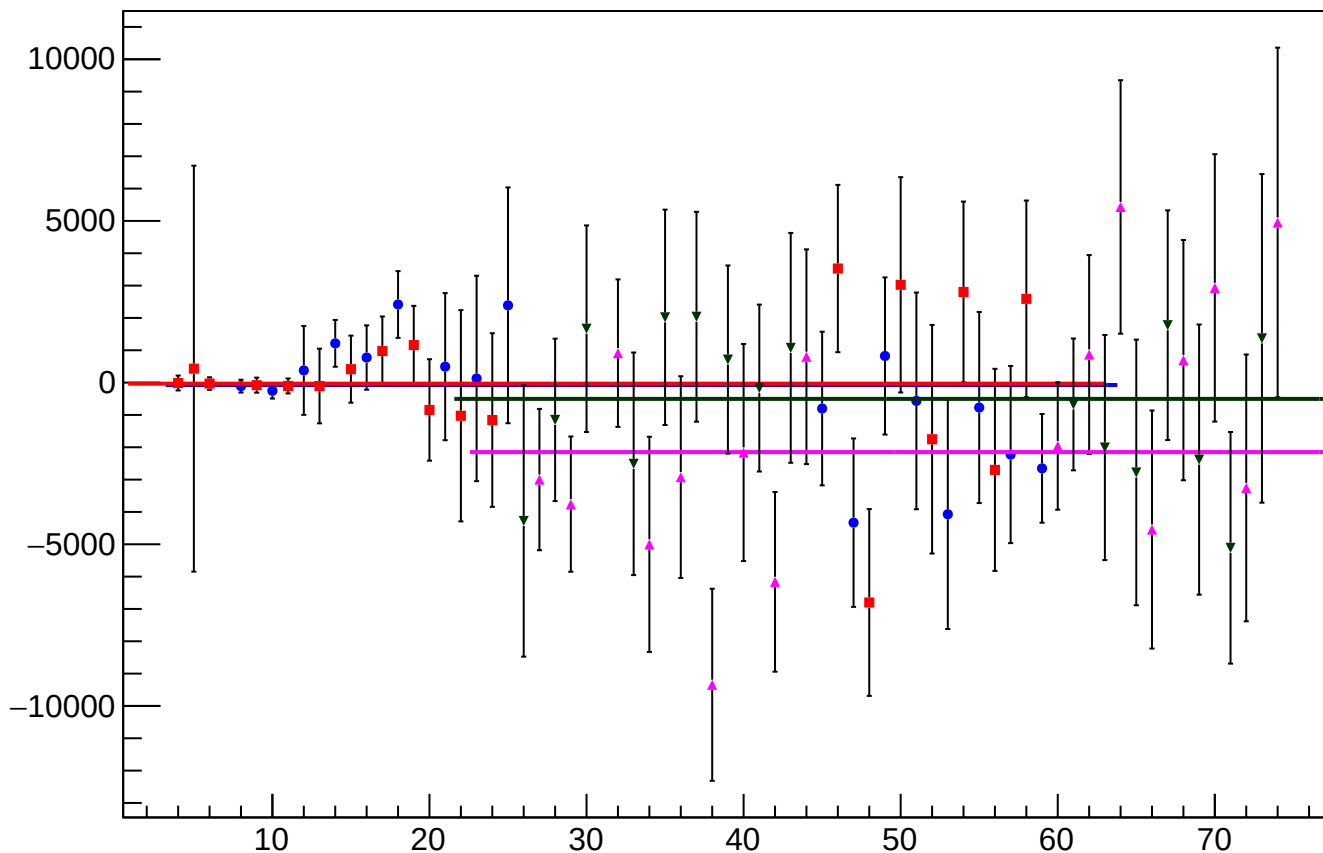
283.060+/-0.049 χ^2/NDF : 4755629.8/32

Right Out: 256.955+/-0.063 χ^2/NDF : 2836202.0/18

303.107+/-0.053 χ^2/NDF : 5059895.3/35

Left In: 404.076+/-0.094 χ^2/NDF : 537252.6/16

asym_atl2_mean vs slug



Right In: -75.053 ± 142.895 $\chi^2/\text{NDF}: 18.2/16$

Left Out: -503.571 ± 799.138 $\chi^2/\text{NDF}: 6.2/15$

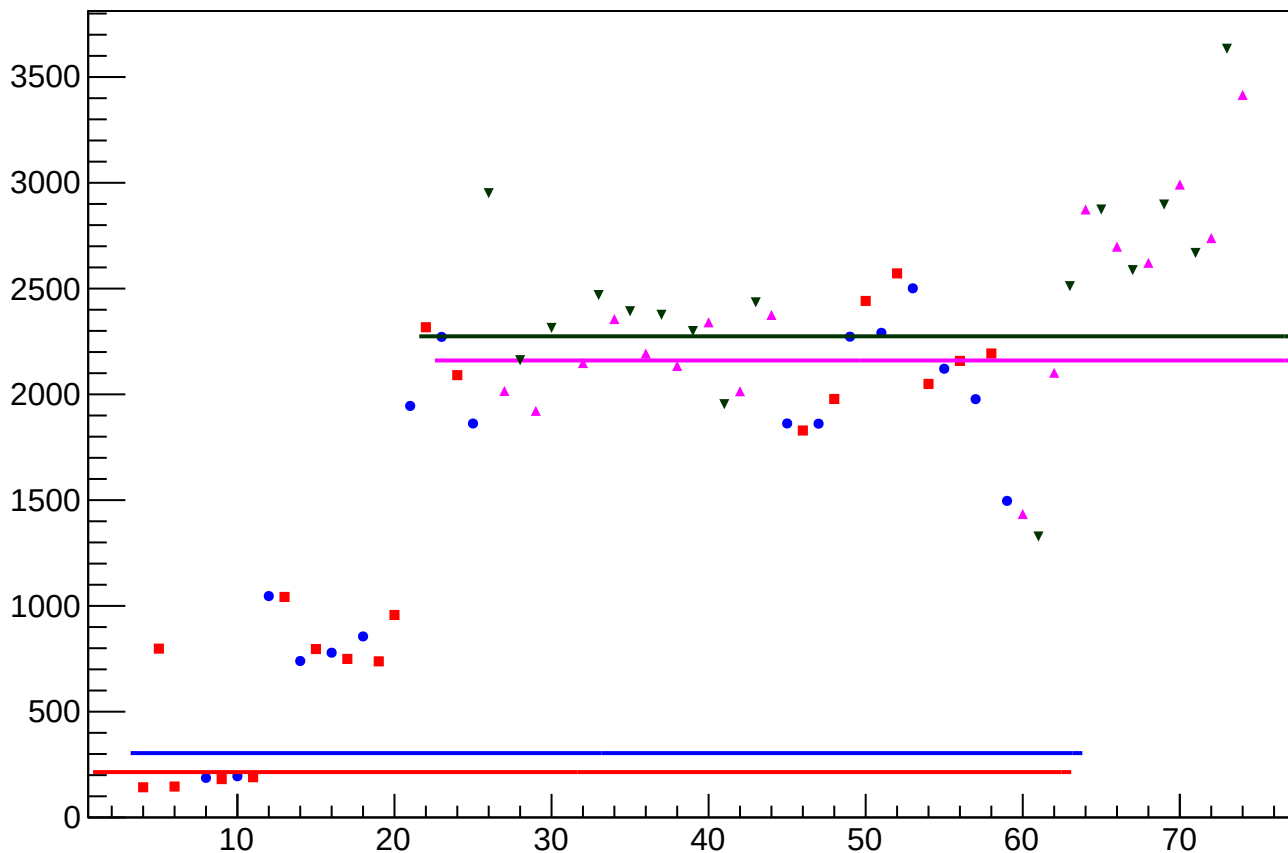
Right Out: -32.333 ± 106.845 $\chi^2/\text{NDF}: 13.7/18$

Left In: -2148.487 ± 712.143 $\chi^2/\text{NDF}: 21.1/16$

-88.330 ± 140.664 $\chi^2/\text{NDF}: 24.6/32$

-78.919 ± 105.663 $\chi^2/\text{NDF}: 43.4/35$

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

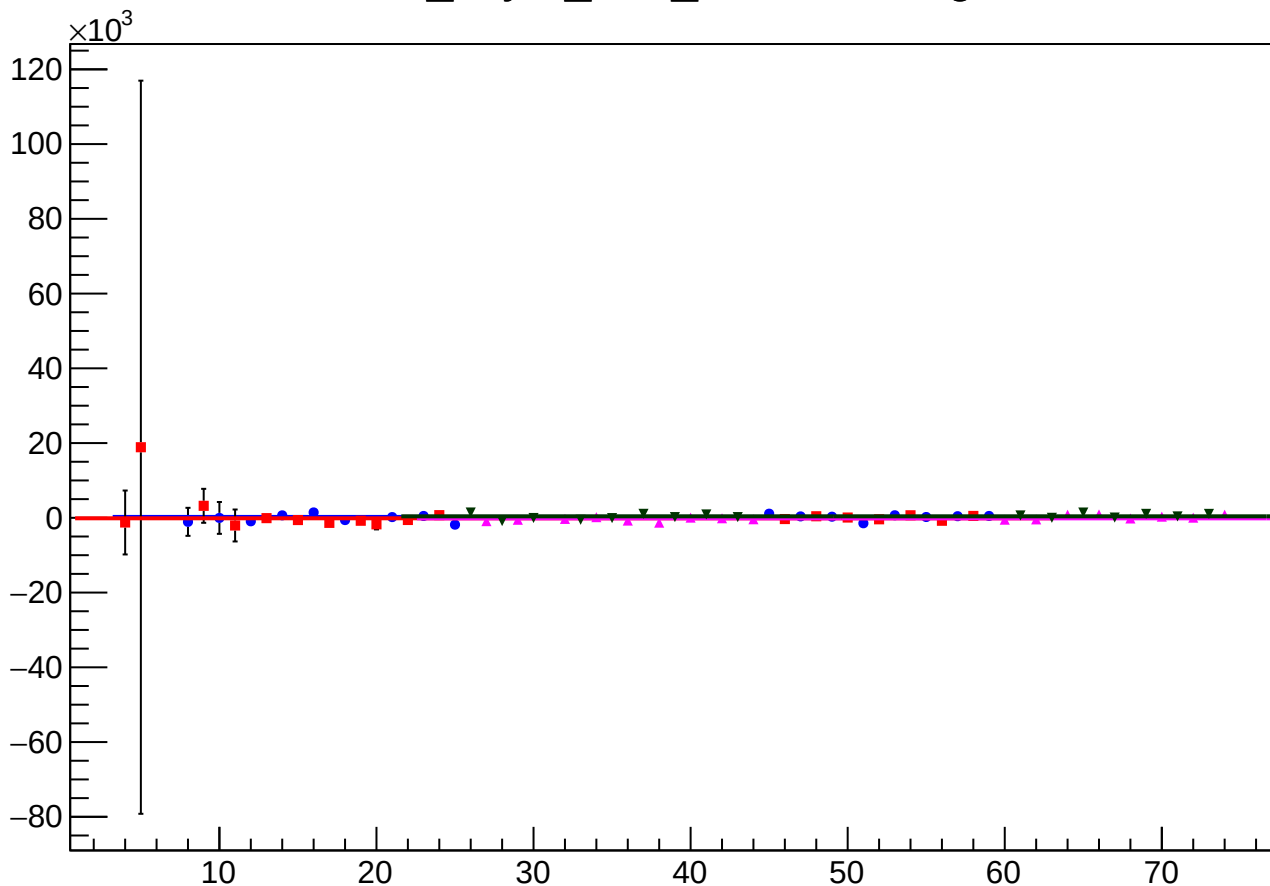
Right Out: 214.437+/-0.076 χ^2/NDF : 11102417.5/18

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

365.211+/-0.099 χ^2/NDF : 25080624.1/32

257.271+/-0.075 χ^2/NDF : 26405147.8/35

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

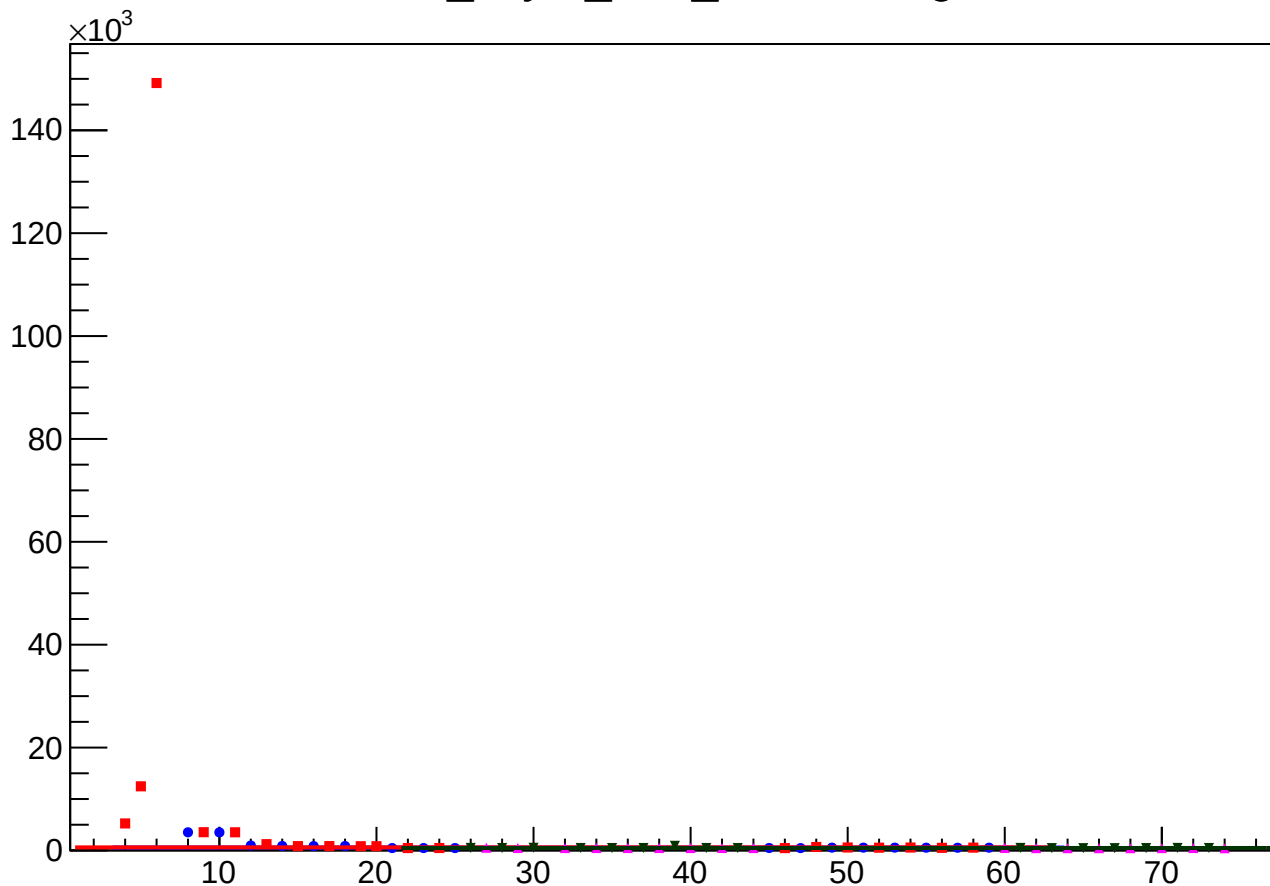
Right Out: -127.617 $\pm$ 220.895 χ^2 /NDF: 9.3/17

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

329.797 $\pm$ 124.225 χ^2 /NDF: 33.5/32

-138.702 $\pm$ 125.367 χ^2 /NDF: 24.1/34

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

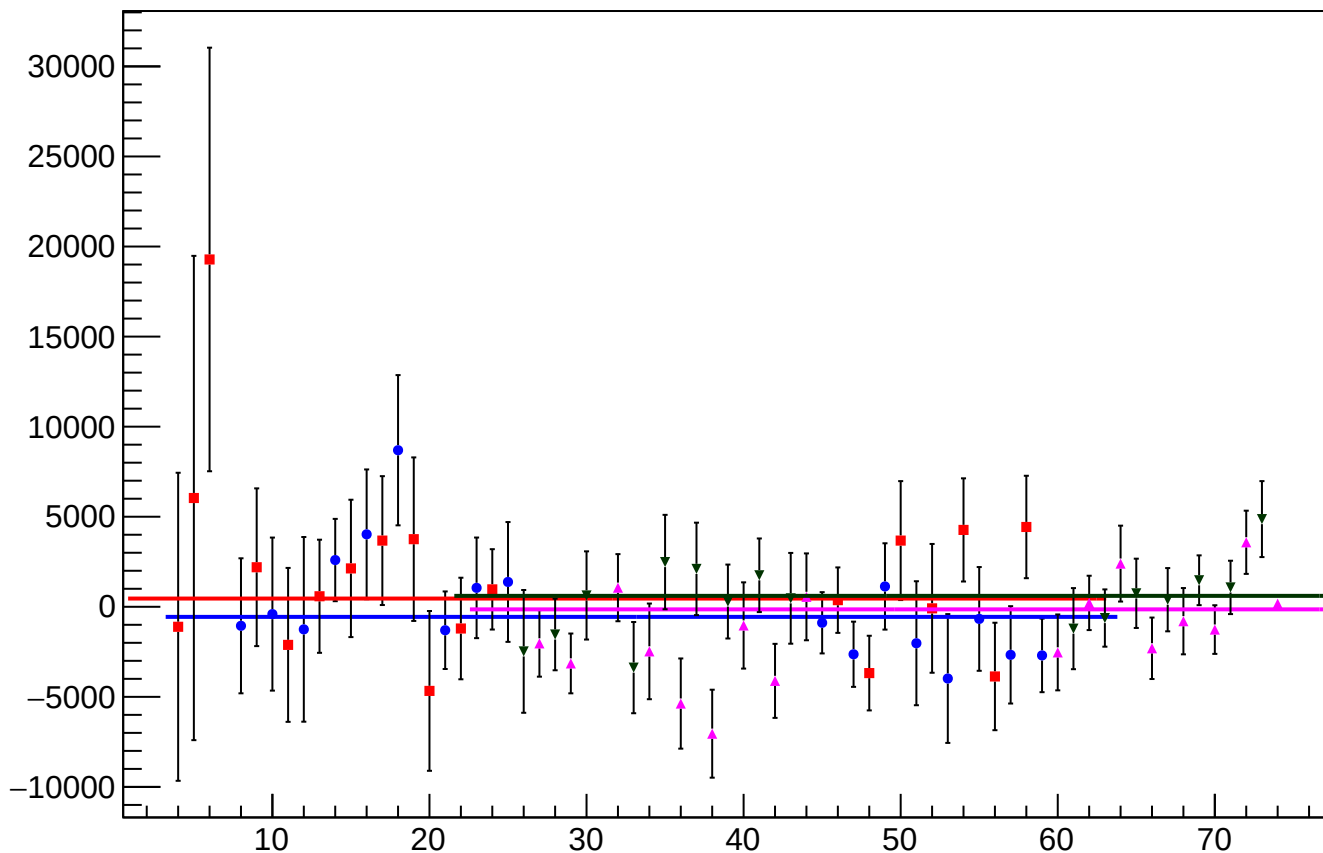
Right Out: 599.141 $\pm$ 0.156 χ^2 /NDF: 4647971.0/18

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

519.461 $\pm$ 0.088 χ^2 /NDF: 3746449.9/32

511.703 $\pm$ 0.089 χ^2 /NDF: 5153979.1/35

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

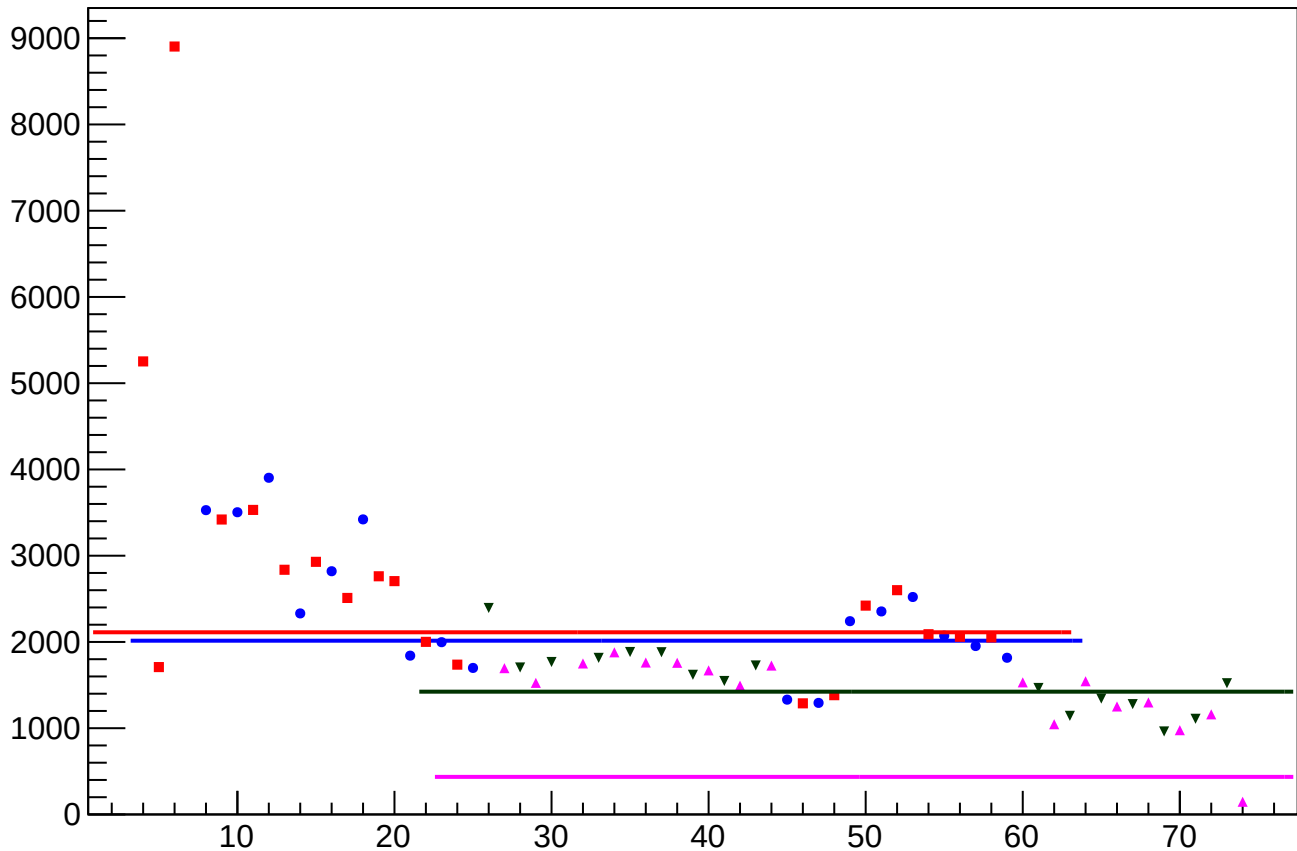
Right Out: 457.264 ± 730.955 χ^2/NDF : 17.3/18

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

167.132 ± 395.391 χ^2/NDF : 27.5/32

-89.808 ± 217.228 χ^2/NDF : 51.0/35

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

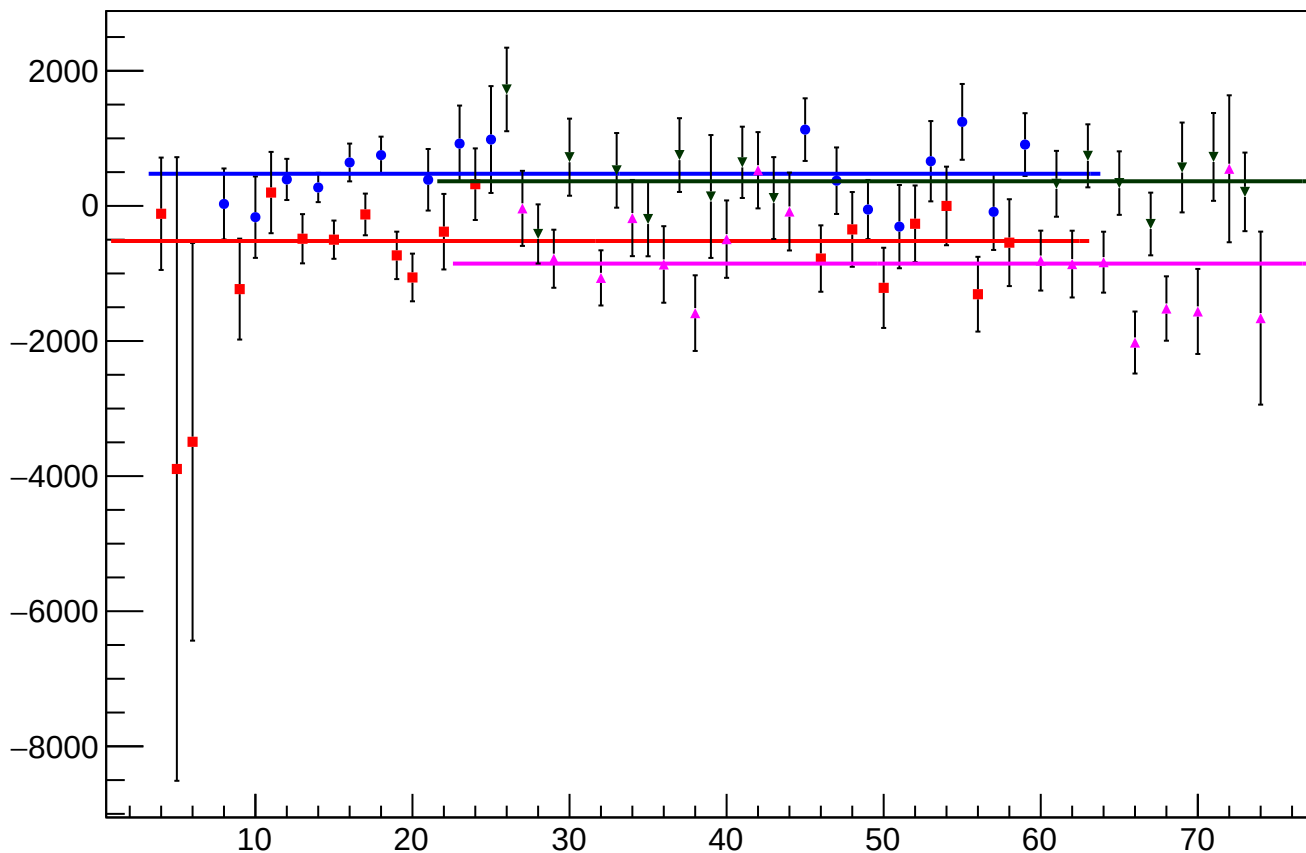
1646.263+/-0.280 χ^2/NDF : 3894585.7/32

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

583.763+/-0.154 χ^2/NDF : 23632261.0/35

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

dit_asym_atr2_mean vs slug



Right In: 475.946 ± 97.794 $\chi^2/\text{NDF}: 14.2/16$

Left Out: 364.840 ± 136.229 $\chi^2/\text{NDF}: 13.5/15$

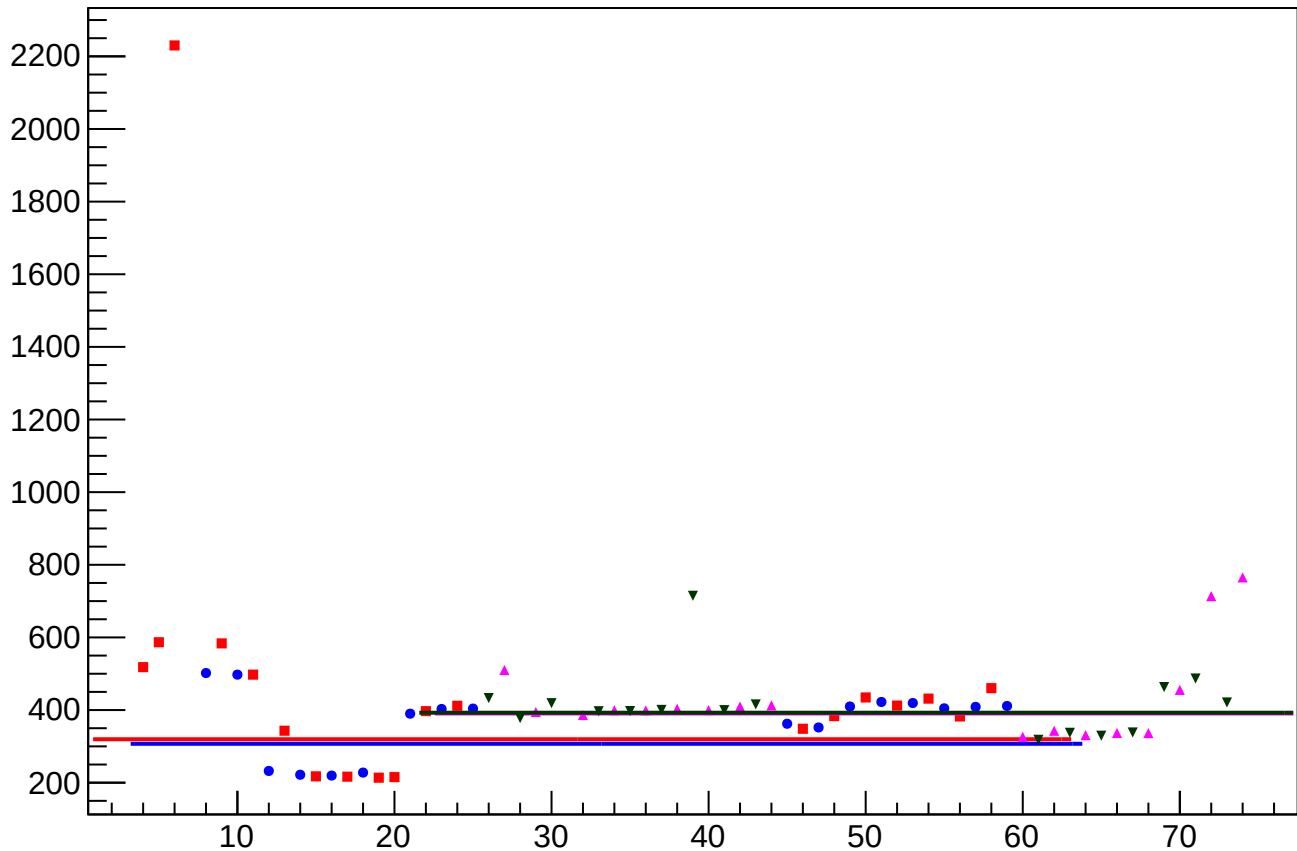
Right Out: -519.441 ± 110.721 $\chi^2/\text{NDF}: 15.8/18$

Left In: -853.971 ± 128.556 $\chi^2/\text{NDF}: 25.6/16$

438.161 ± 79.444 $\chi^2/\text{NDF}: 28.2/32$

-661.910 ± 83.894 $\chi^2/\text{NDF}: 45.2/35$

dit_asym_atr2_rms vs slug



Right In: 307.111 $\pm$ 0.069 χ^2 /NDF: 1944495.7/16

Left Out: 392.672 $\pm$ 0.096 χ^2 /NDF: 477324.1/15

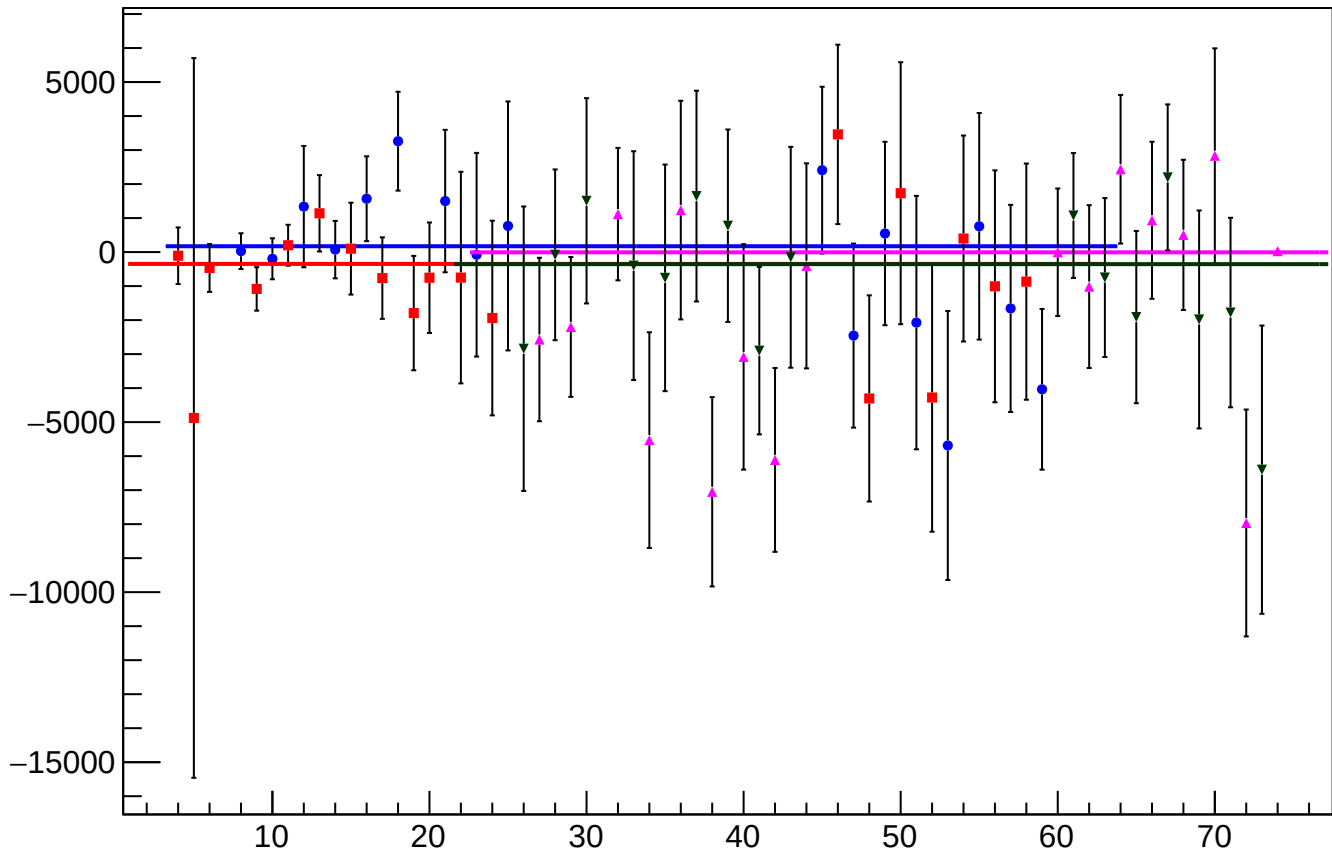
Right Out: 319.630 $\pm$ 0.078 χ^2 /NDF: 2692354.3/18

Left In: 390.500 $\pm$ 0.091 χ^2 /NDF: 618266.1/16

336.209 $\pm$ 0.056 χ^2 /NDF: 2942458.3/32

349.812 $\pm$ 0.059 χ^2 /NDF: 3659581.8/35

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

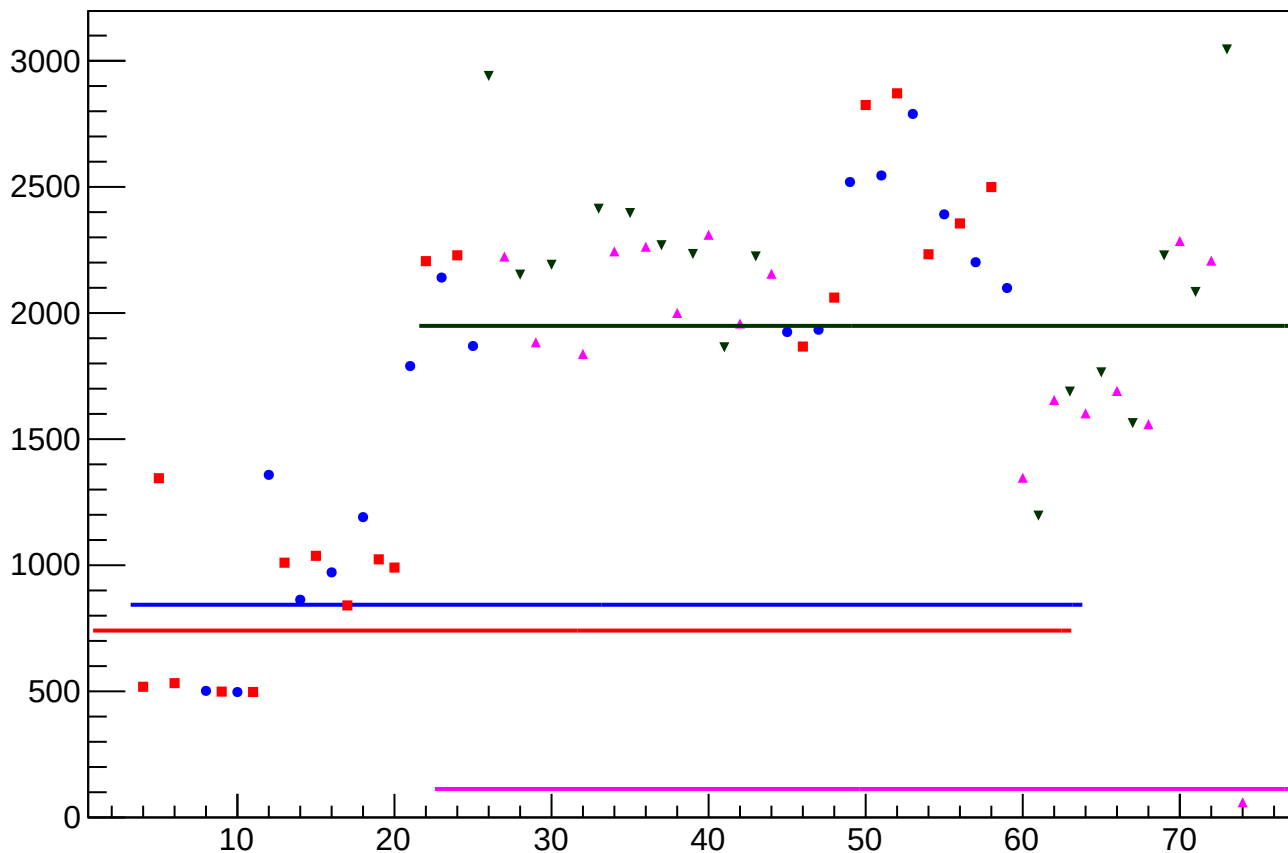
Right Out: -348.024 $\pm$ 284.563 χ^2 /NDF: 10.8/18

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

83.659 $\pm$ 280.551 χ^2 /NDF: 22.9/32

-49.135 $\pm$ 99.669 χ^2 /NDF: 38.4/35

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

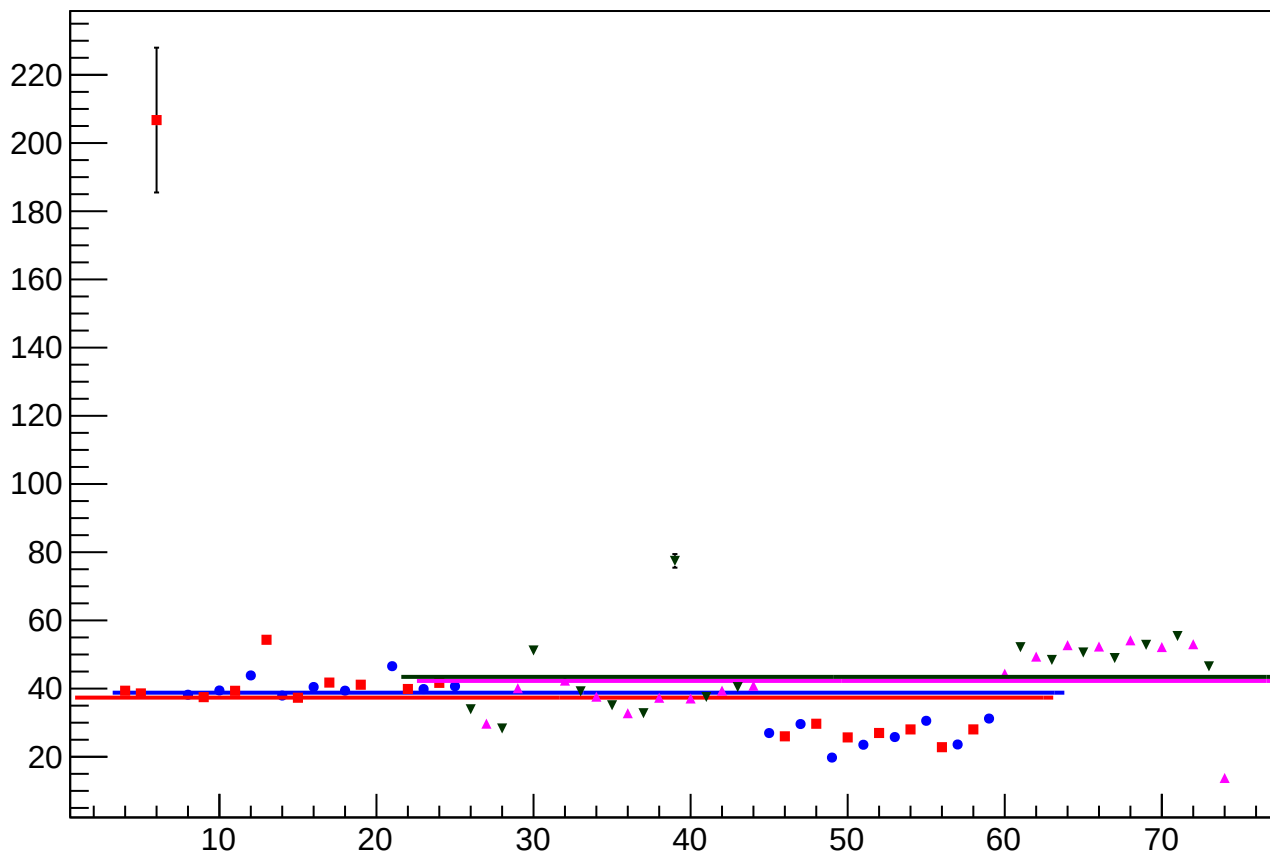
Right Out: 740.931+/-0.201 χ^2/NDF : 5611365.4/18

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

1028.492+/-0.198 χ^2/NDF : 11722600.9/32

189.976+/-0.070 χ^2/NDF : 30826131.4/35

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

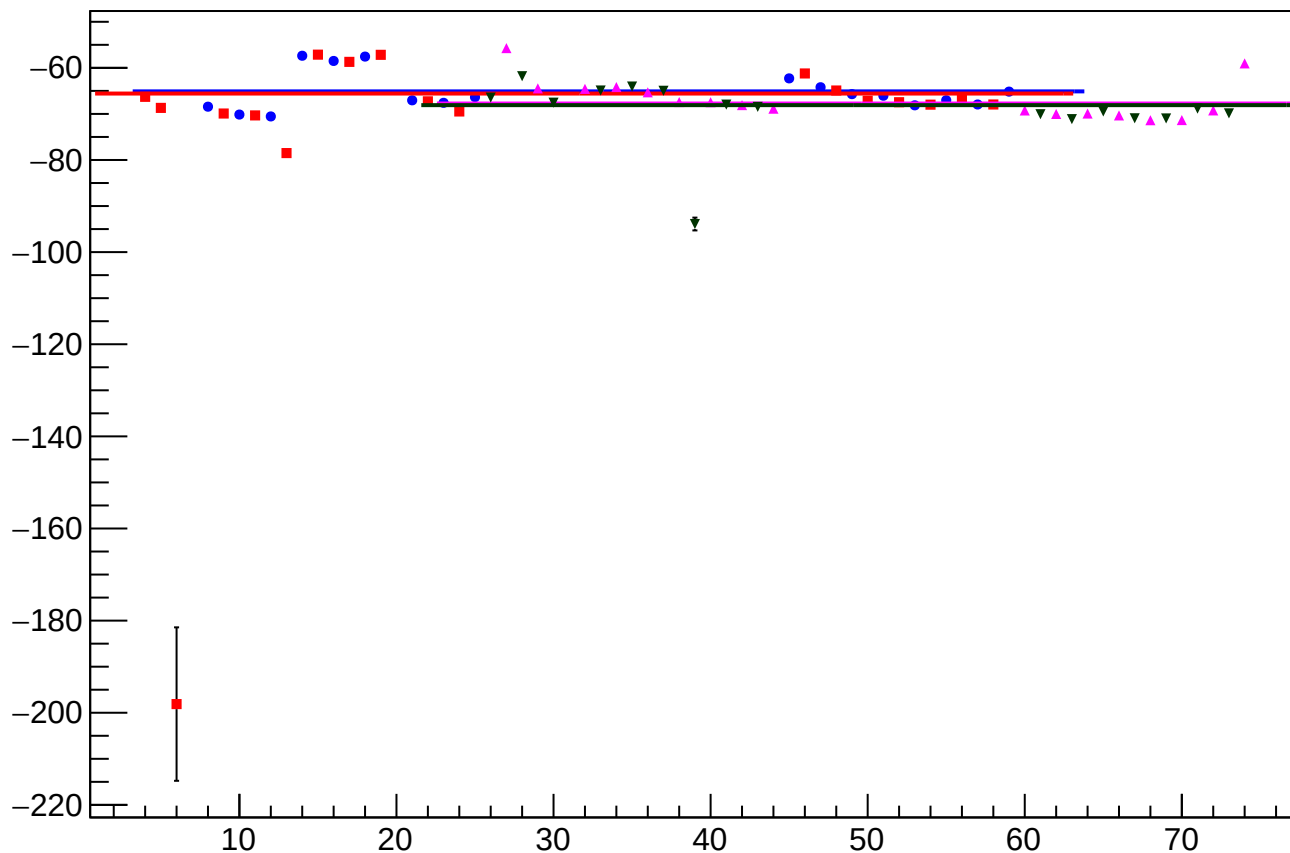
Right Out: 37.356+/-0.039 χ^2/NDF : 20679.0/17

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

40.079+/-0.026 χ^2/NDF : 63889.6/32

39.330+/-0.030 χ^2/NDF : 51417.0/34

dit_usl_4eX_slope vs slug



Right In: -65.107 ± 0.007 χ^2/NDF : 541507.5/16

Left Out: -68.094 ± 0.006 χ^2/NDF : 173398.6/15

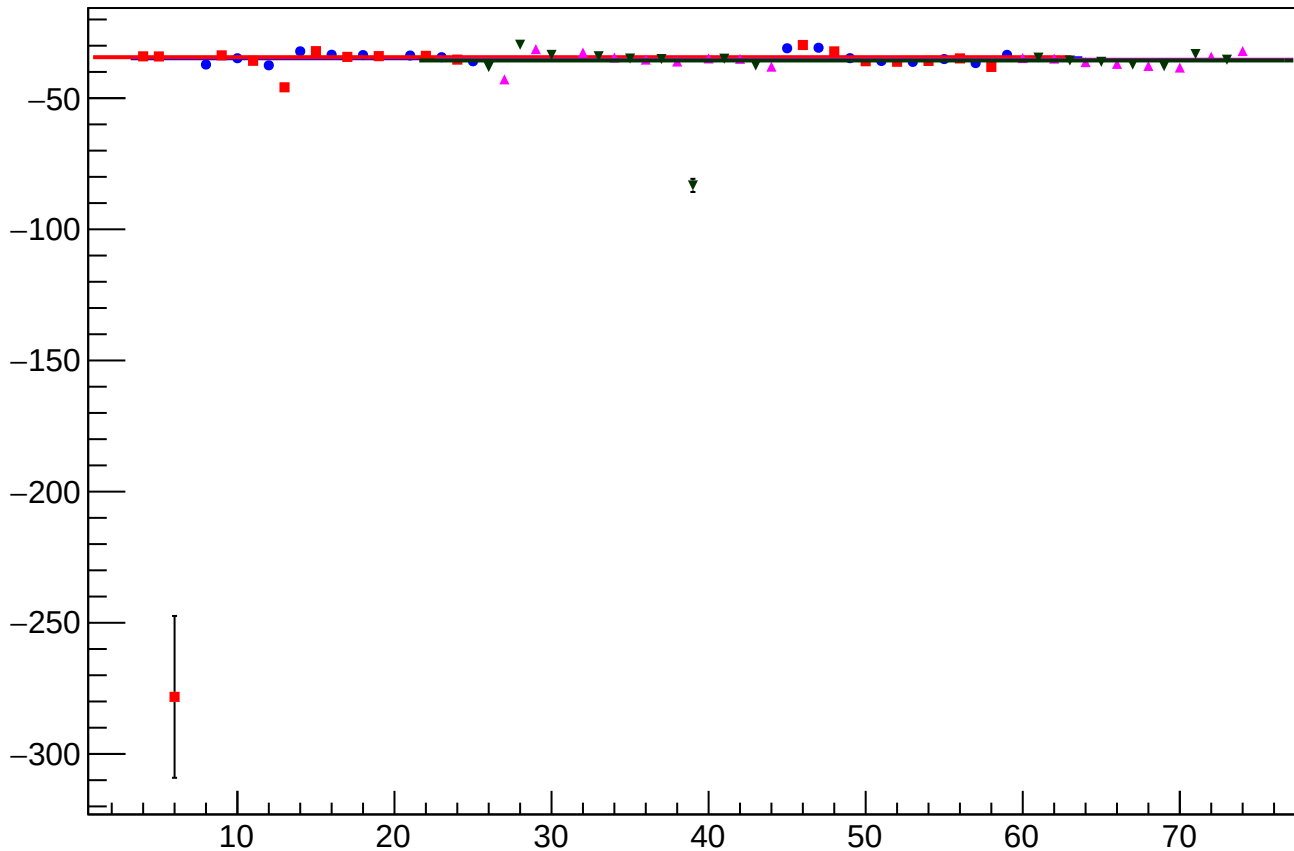
Right Out: -65.577 ± 0.006 χ^2/NDF : 716038.8/17

Left In: -67.741 ± 0.007 χ^2/NDF : 125335.5/16

-66.771 ± 0.004 χ^2/NDF : 831930.1/32

-66.443 ± 0.005 χ^2/NDF : 894701.0/34

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 $\chi^2/\text{NDF}: 190194.6/15$

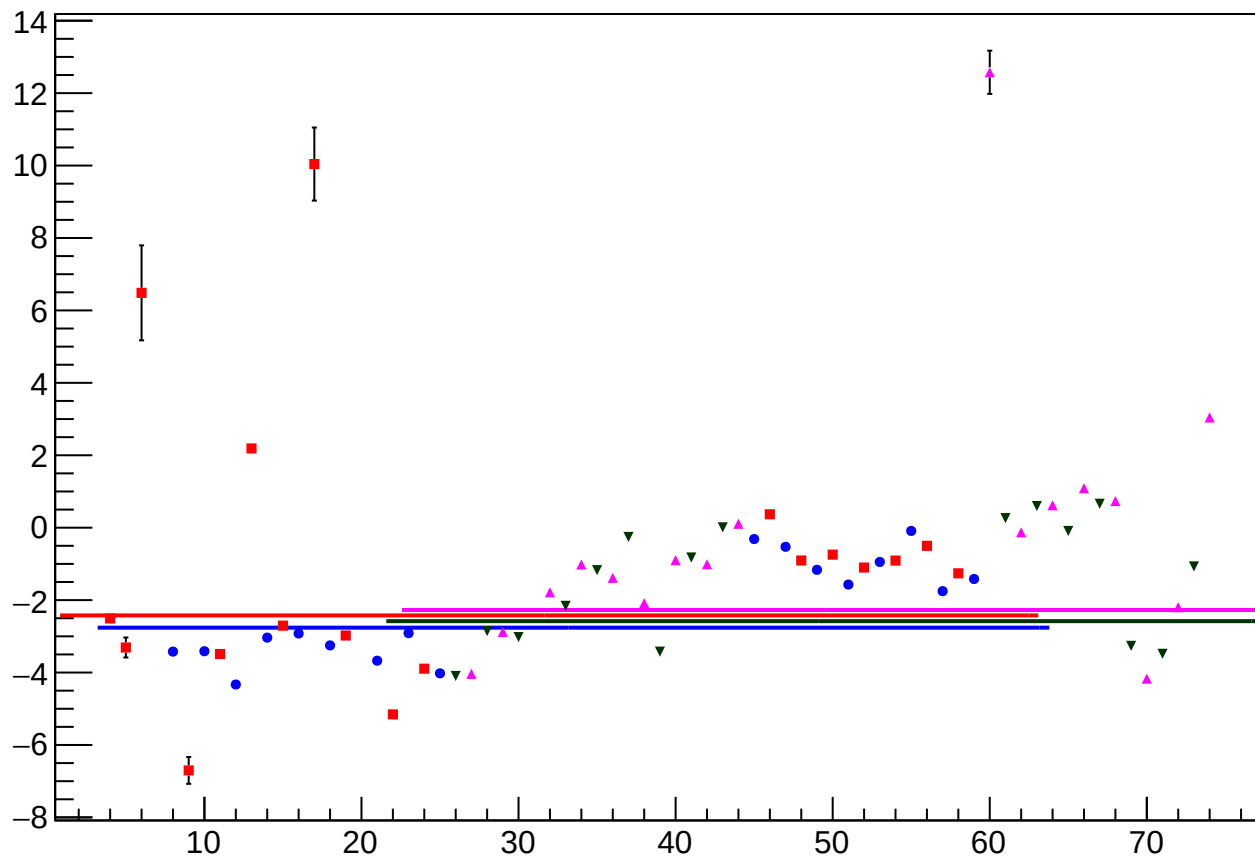
Right Out: -34.382 ± 0.006 $\chi^2/\text{NDF}: 64298.1/17$

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

-35.199 ± 0.003 $\chi^2/\text{NDF}: 476007.2/32$

-34.996 ± 0.003 $\chi^2/\text{NDF}: 319212.6/34$

dit_usl_4aY_slope vs slug



Right In: -2.760+/-0.005 χ^2 /NDF: 49546.6/16

Left Out: -2.581+/-0.007 χ^2 /NDF:30738.6/15

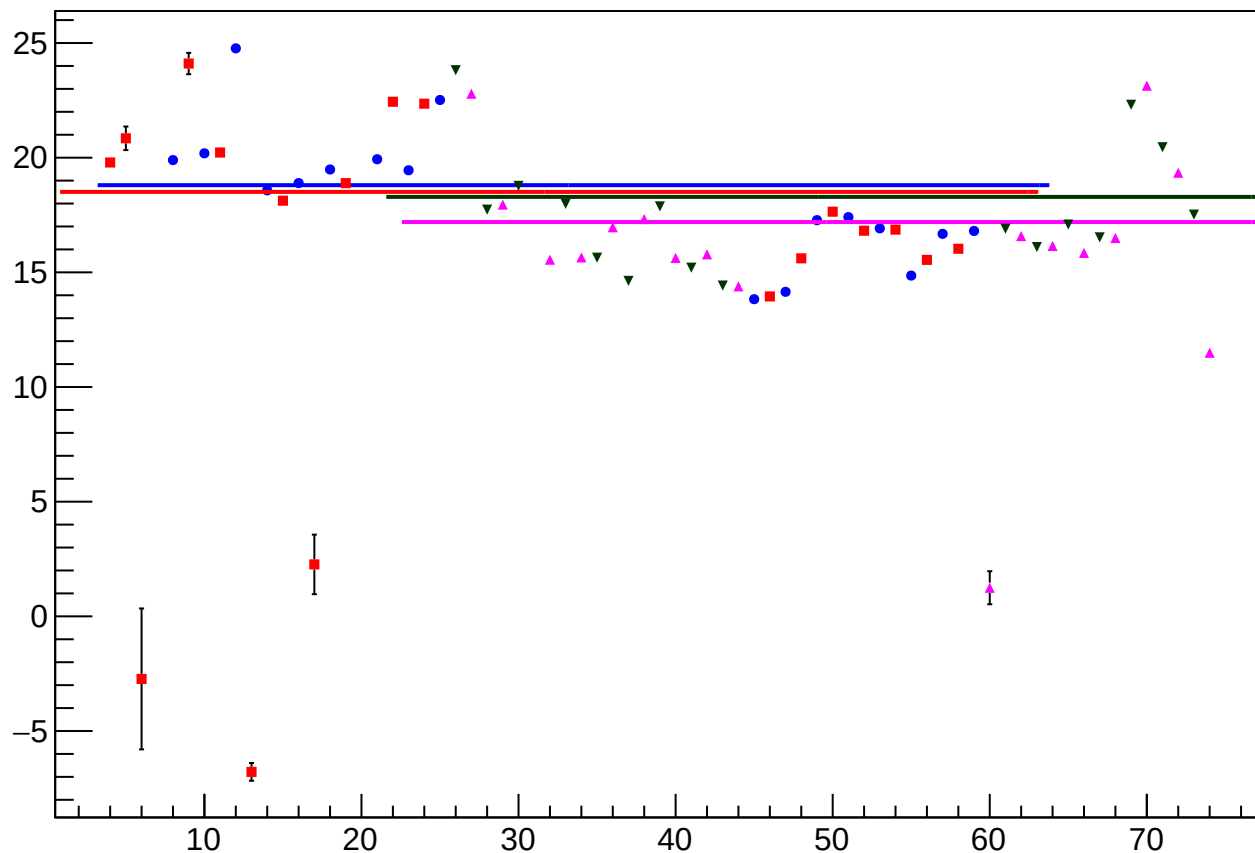
Right Out: -2.422+/-0.008 χ^2 /NDF: 23330.6/17

Left In: -2.272+/-0.007 χ^2 /NDF:47473.1/16

-2.700+/-0.004 χ^2 /NDF: 80732.2/32

-2.335+/-0.005 χ^2 /NDF: 70993.6/34

dit_usl_4eY_slope vs slug



Right In: 18.801+/-0.008 χ^2/NDF : 103088.3/16

Left Out: 18.290+/-0.011 χ^2/NDF : 50221.3/15

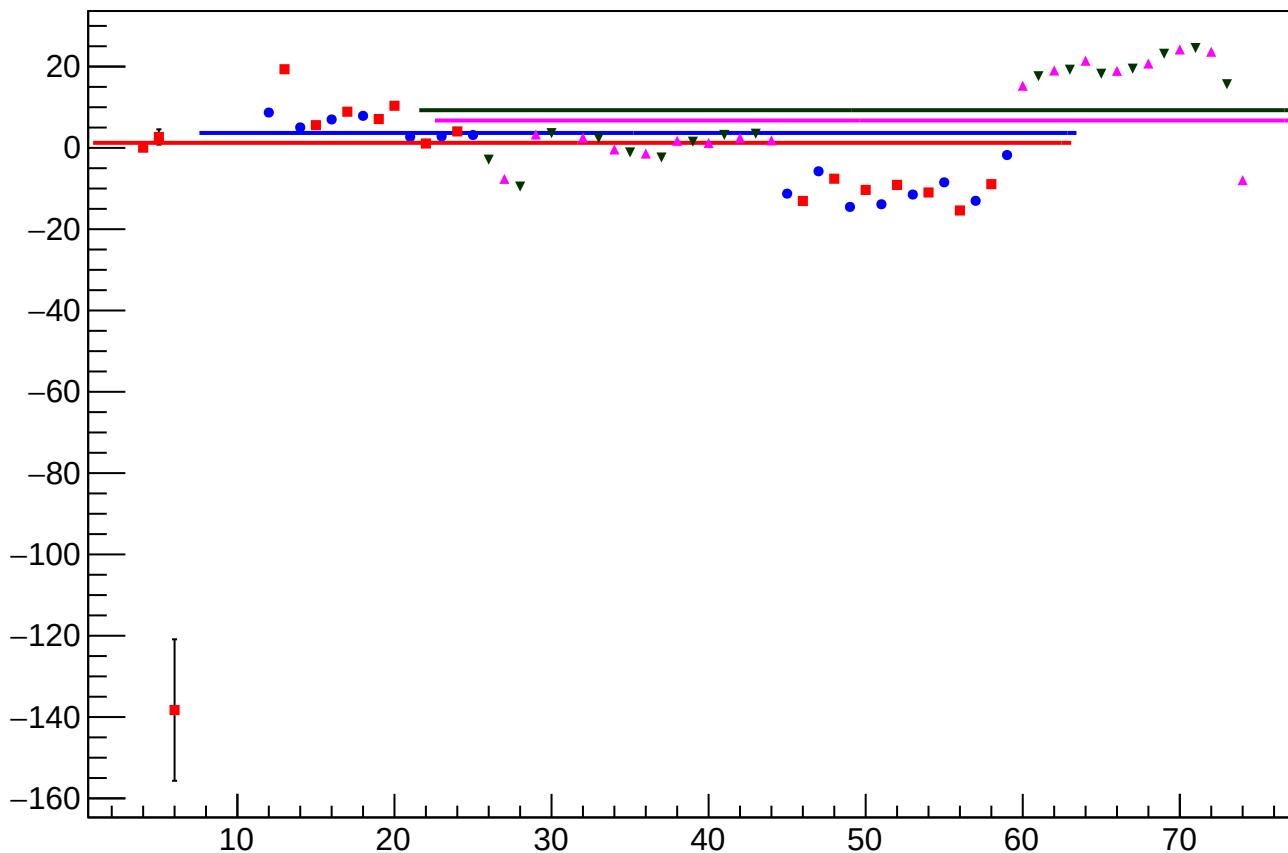
Right Out: 18.509+/-0.013 χ^2/NDF : 29757.7/17

Left In: 17.194+/-0.011 χ^2/NDF : 34792.8/16

18.629+/-0.006 χ^2/NDF : 154695.6/32

17.782+/-0.008 χ^2/NDF : 70516.7/34

dit_usr_4aX_slope vs slug



Right In: 3.671 ± 0.024 χ^2/NDF : 65073.5/14

Left Out: 9.268 ± 0.032 χ^2/NDF : 109764.5/15

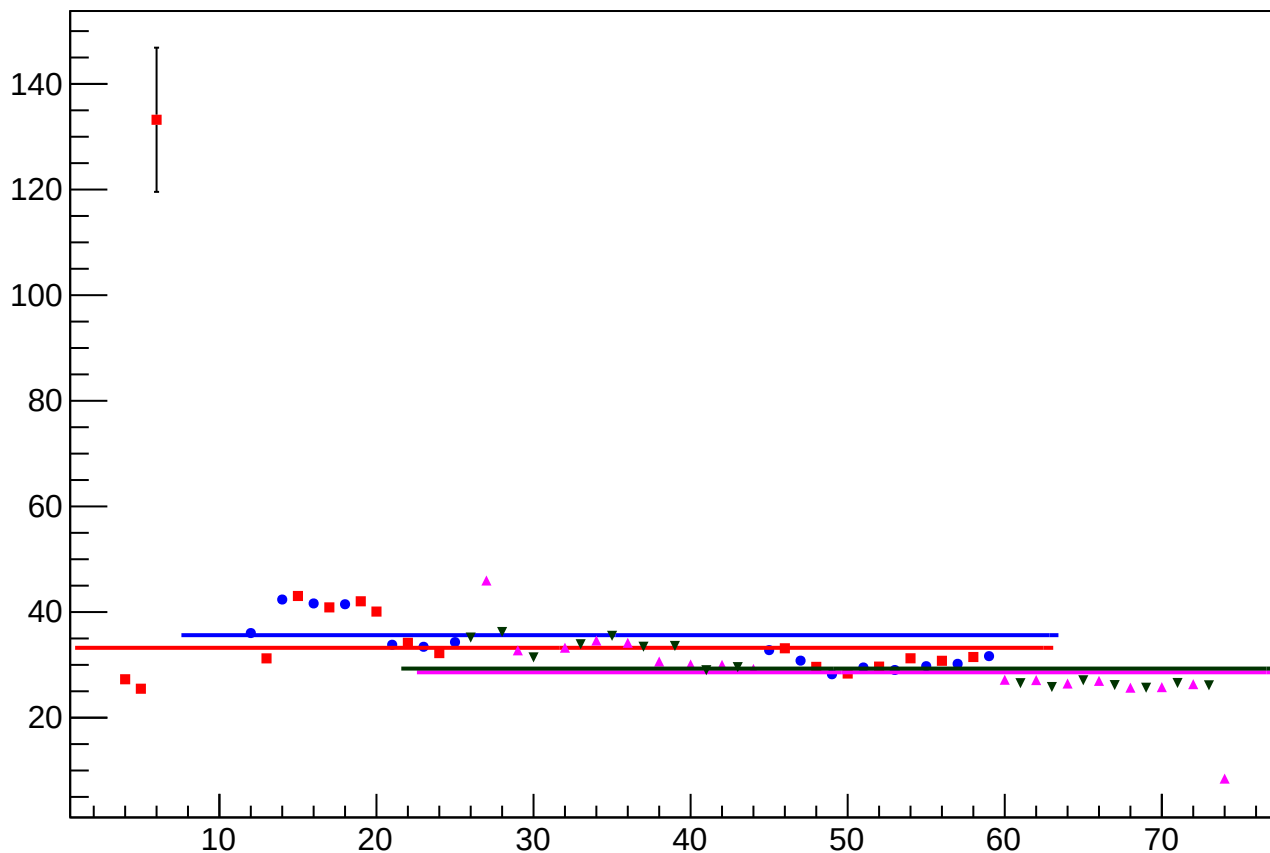
Right Out: 1.240 ± 0.035 χ^2/NDF : 49459.9/16

Left In: 6.731 ± 0.029 χ^2/NDF : 107339.0/16

5.691 ± 0.019 χ^2/NDF : 194851.0/30

4.523 ± 0.022 χ^2/NDF : 171135.4/33

dit_usr_4eX_slope vs slug



Right In: 35.624 $\pm$ 0.005 χ^2 /NDF: 1233327.3/14

Left Out: 29.300 $\pm$ 0.005 χ^2 /NDF: 471000.4/15

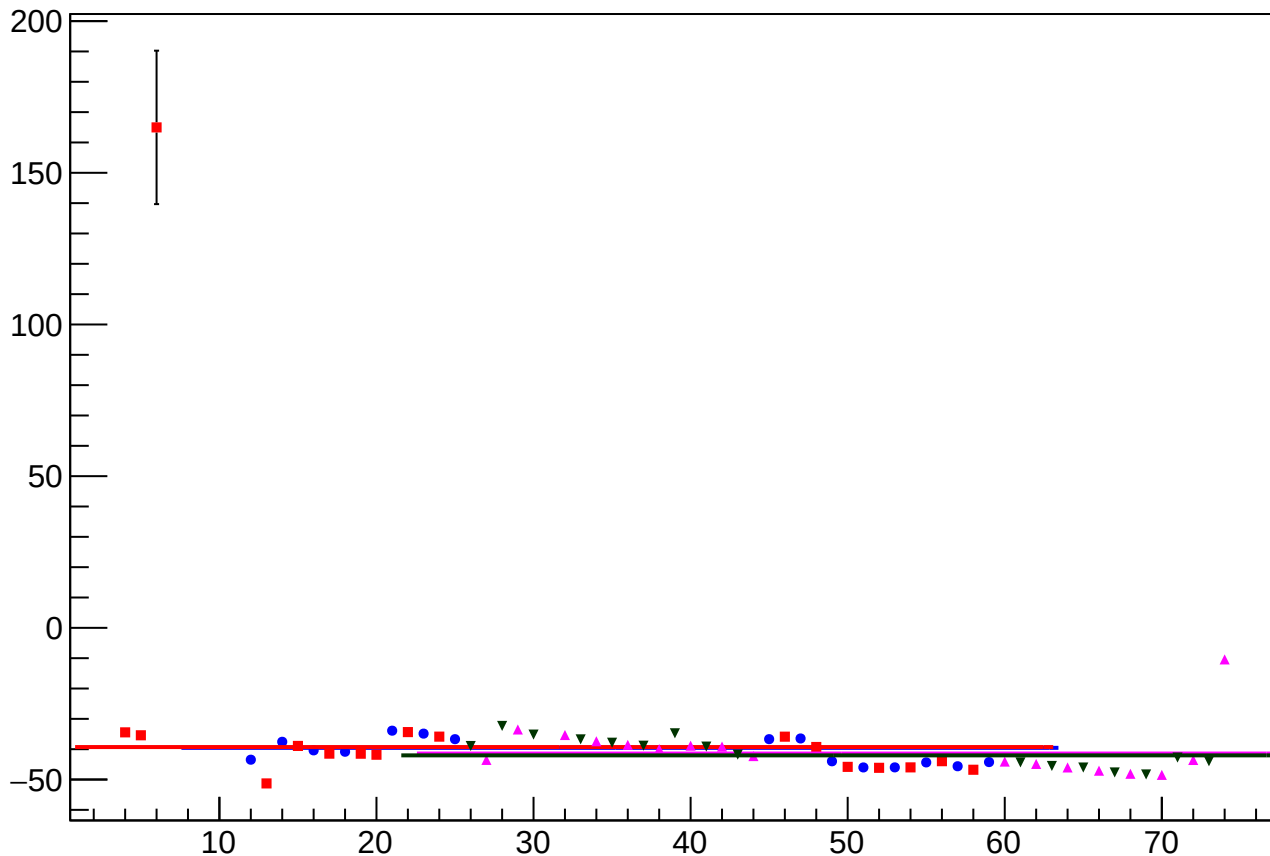
Right Out: 33.230 $\pm$ 0.007 χ^2 /NDF: 473965.9/16

Left In: 28.593 $\pm$ 0.005 χ^2 /NDF: 399227.2/16

32.496 $\pm$ 0.004 χ^2 /NDF: 2503630.6/30

30.241 $\pm$ 0.004 χ^2 /NDF: 1187497.8/33

dit_usr_11X12X_slope vs slug



Right In: -39.556 ± 0.003 χ^2/NDF : 1488389.2/14

Left Out: -42.035 ± 0.003 χ^2/NDF : 1772071.4/15

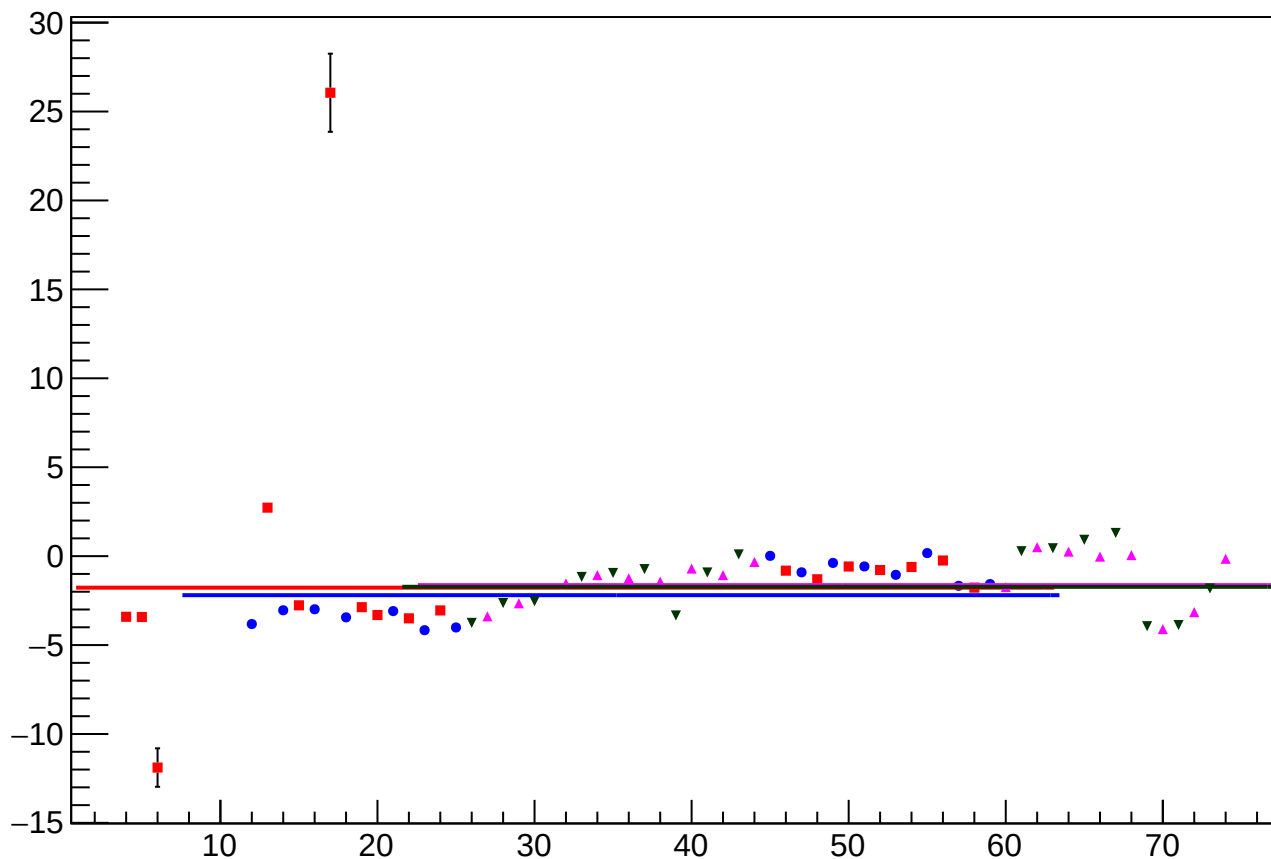
Right Out: -39.298 ± 0.004 χ^2/NDF : 992430.8/16

Left In: -41.433 ± 0.003 χ^2/NDF : 1665047.9/16

-41.001 ± 0.002 χ^2/NDF : 3601697.7/30

-40.547 ± 0.003 χ^2/NDF : 2821158.6/33

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

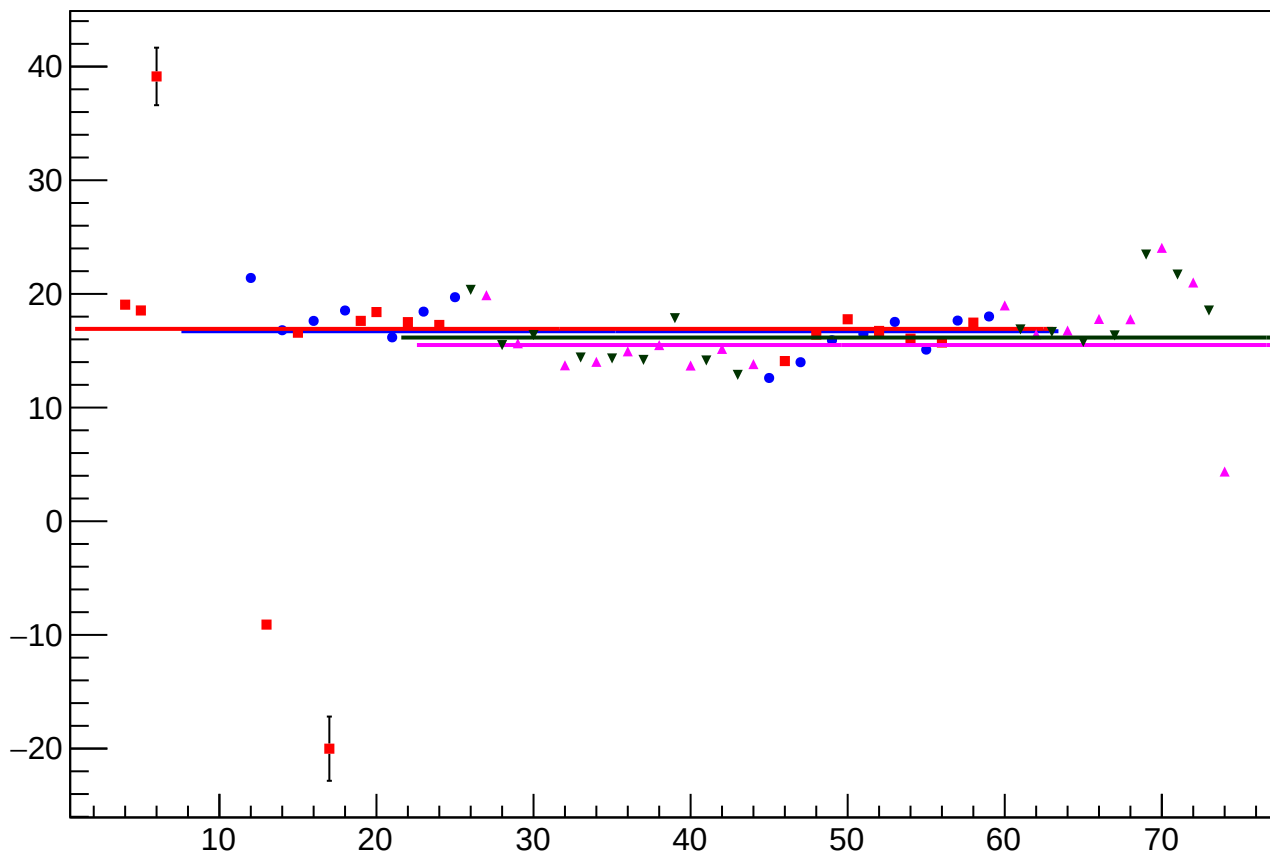
Right Out: -1.773 ± 0.007 χ^2/NDF : 24620.0/16

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

-2.010 ± 0.004 χ^2/NDF : 133522.9/30

-1.685 ± 0.005 χ^2/NDF : 66067.9/33

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

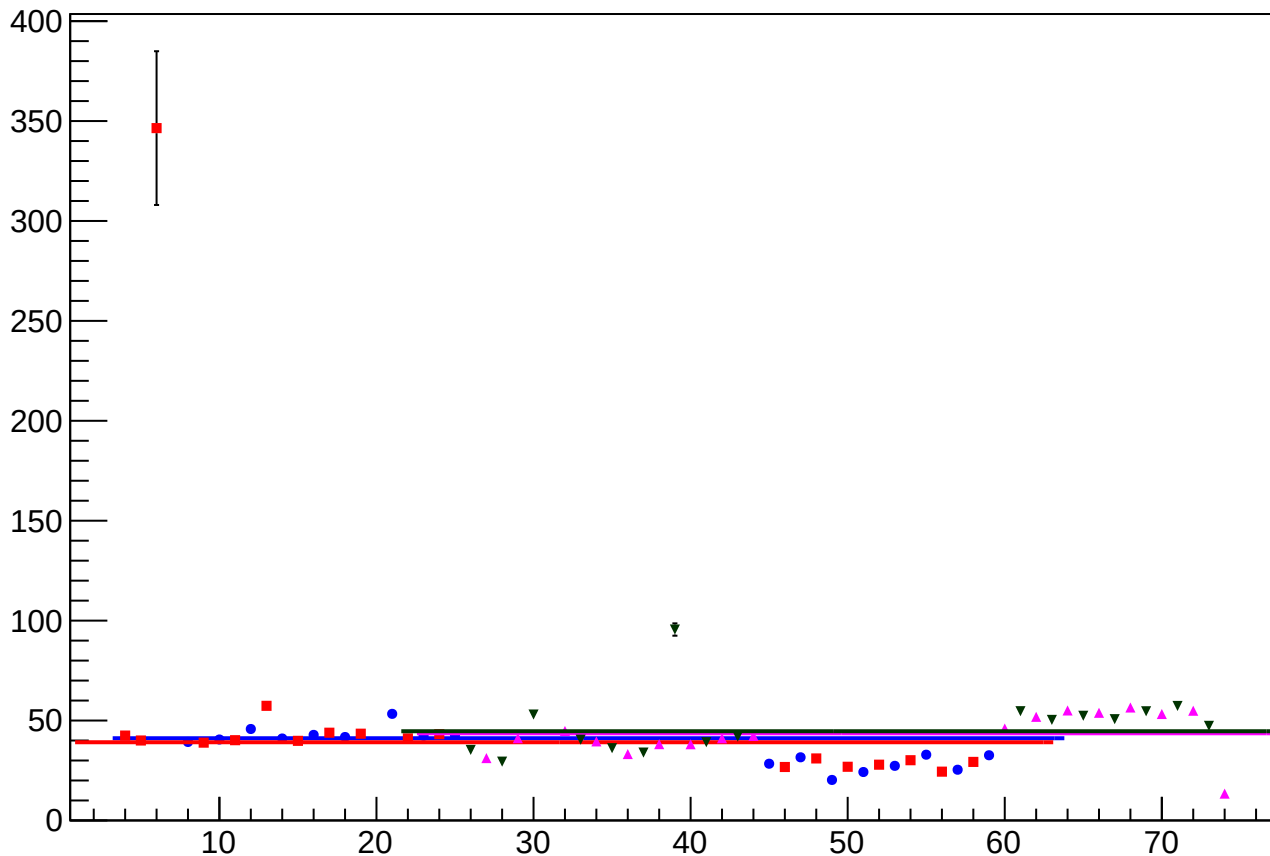
Right Out: 16.923 $\pm$ 0.012 χ^2 /NDF: 9443.9/16

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

16.482 $\pm$ 0.006 χ^2 /NDF: 130403.8/30

16.076 $\pm$ 0.007 χ^2 /NDF: 55590.0/33

dit_dsl_4aX_slope vs slug



Right In: 41.140 $\pm$ 0.032 χ^2 /NDF: 21660.9/16

Left Out: 44.643 $\pm$ 0.058 χ^2 /NDF:25426.0/15

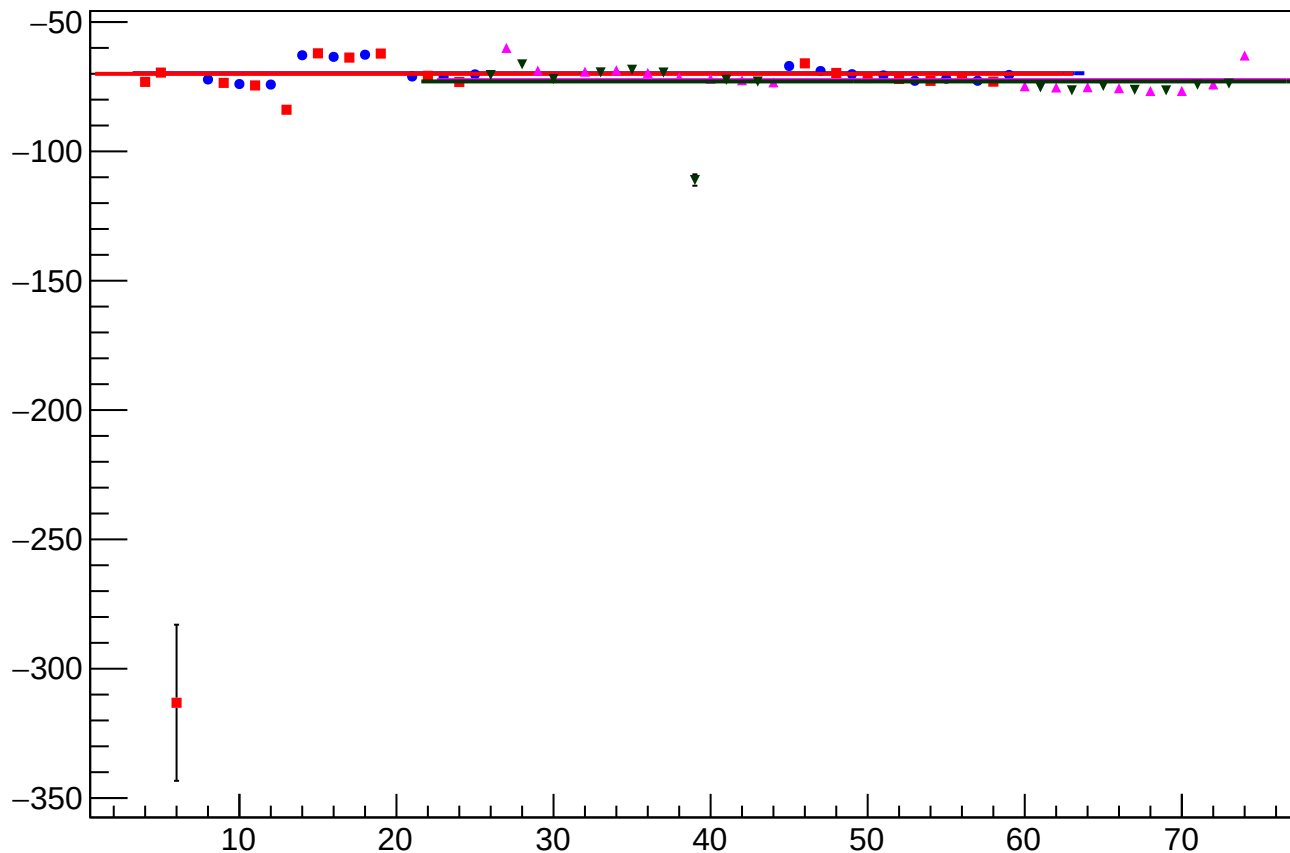
Right Out: 39.137 $\pm$ 0.045 χ^2 /NDF: 16919.3/17

Left In: 43.624 $\pm$ 0.058 χ^2 /NDF:19953.1/16

41.931 $\pm$ 0.028 χ^2 /NDF: 49862.6/32

40.838 $\pm$ 0.035 χ^2 /NDF: 40638.8/34

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

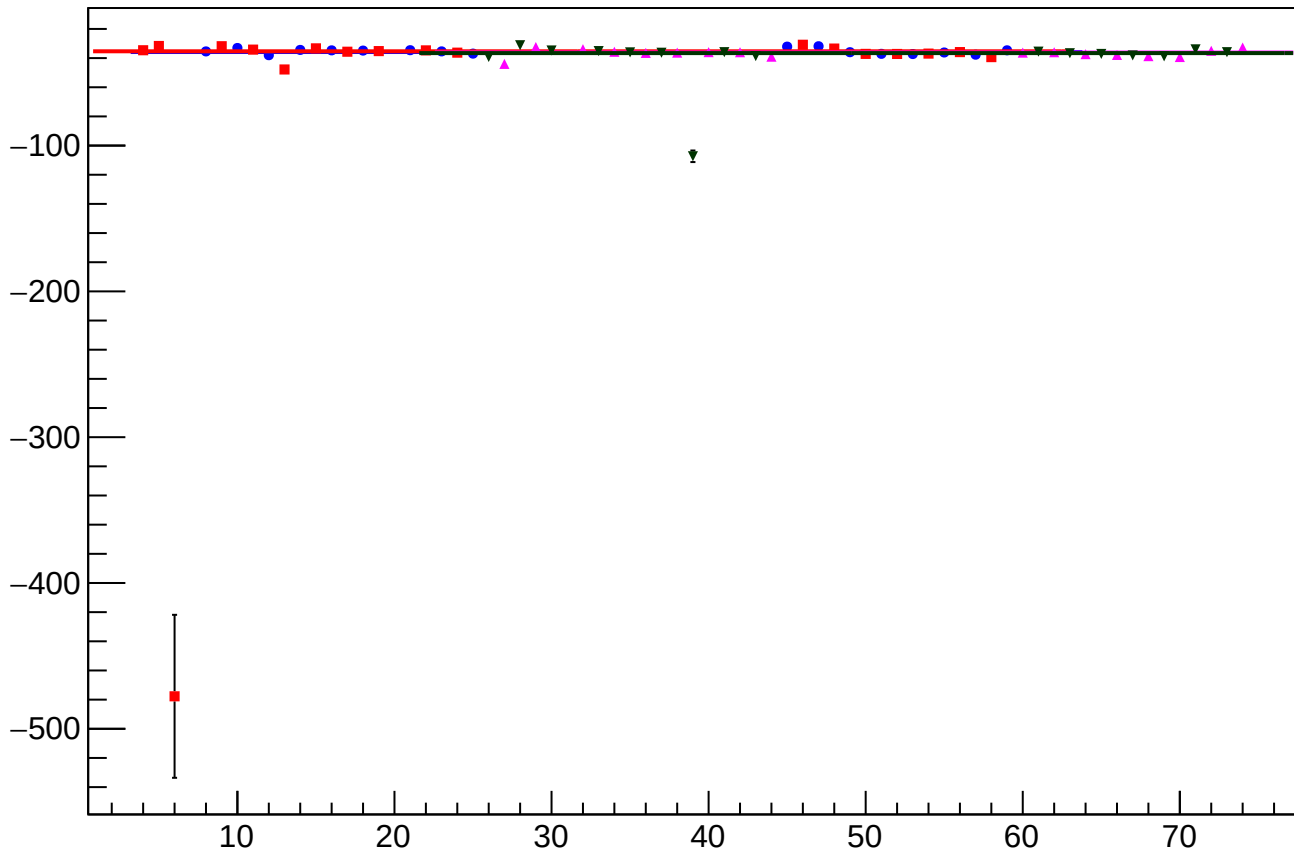
Right Out: -70.027 $\pm$ 0.006 χ^2 /NDF: 598399.5/17

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

-71.390 $\pm$ 0.004 χ^2 /NDF: 752328.2/32

-70.955 $\pm$ 0.005 χ^2 /NDF: 794485.4/34

dit_dsl_11X12X_slope vs slug



Right In: -35.829 ± 0.004 $\chi^2/\text{NDF}: 182277.5/16$

Left Out: -36.572 ± 0.004 $\chi^2/\text{NDF}: 172137.7/15$

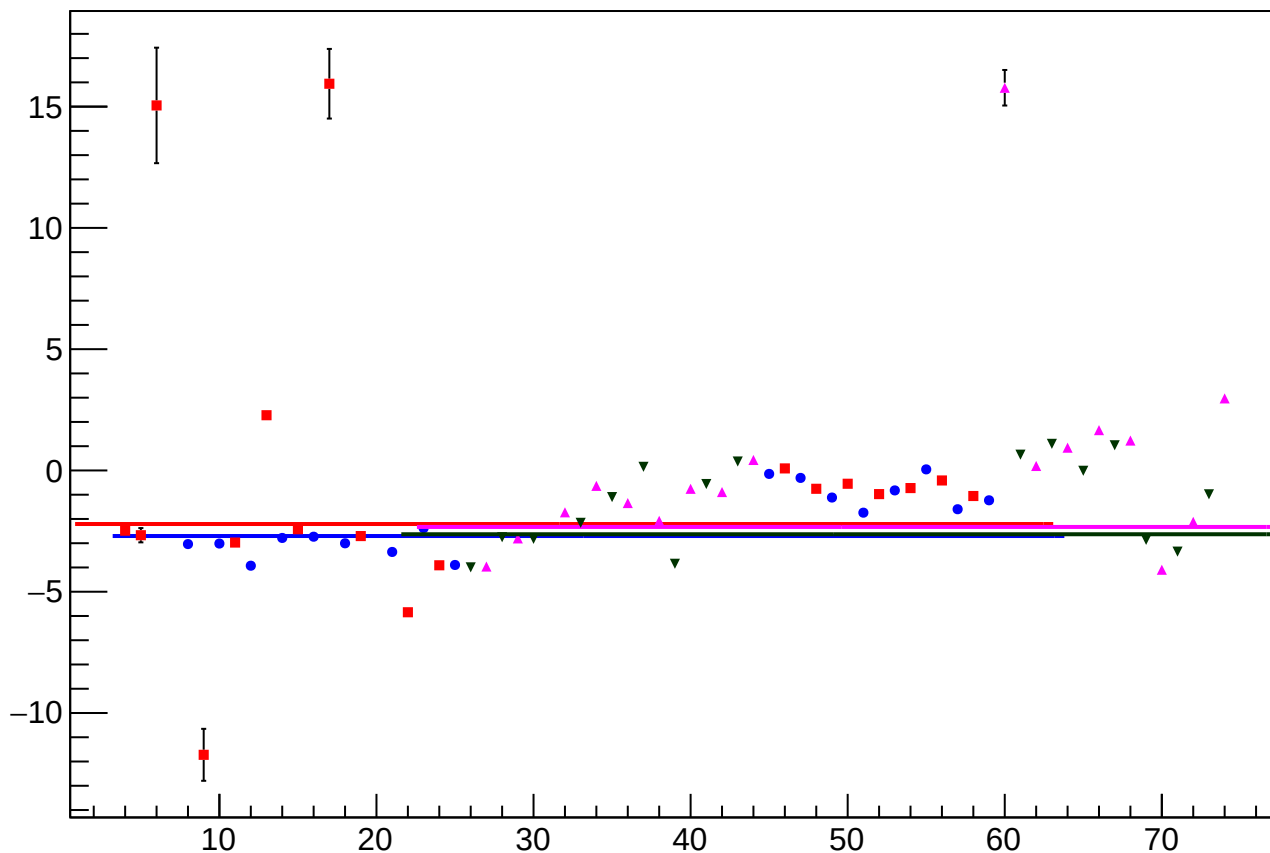
Right Out: -35.333 ± 0.006 $\chi^2/\text{NDF}: 60879.3/17$

Left In: -36.171 ± 0.005 $\chi^2/\text{NDF}: 196091.2/16$

-36.185 ± 0.003 $\chi^2/\text{NDF}: 369404.0/32$

-35.883 ± 0.004 $\chi^2/\text{NDF}: 268367.9/34$

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

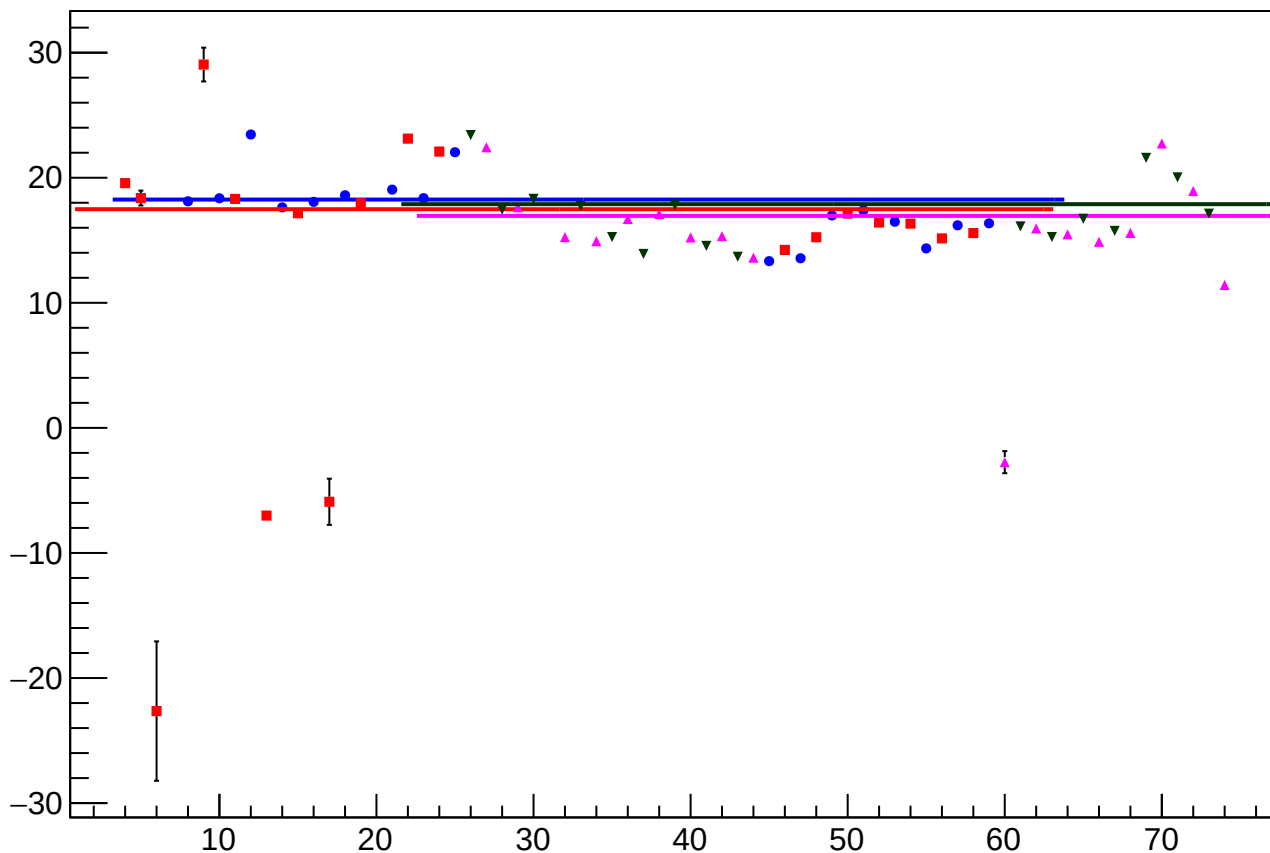
Right Out: -2.208 ± 0.009 χ^2/NDF : 17189.3/17

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

-2.677 ± 0.004 χ^2/NDF : 55142.6/32

-2.273 ± 0.006 χ^2/NDF : 52416.7/34

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

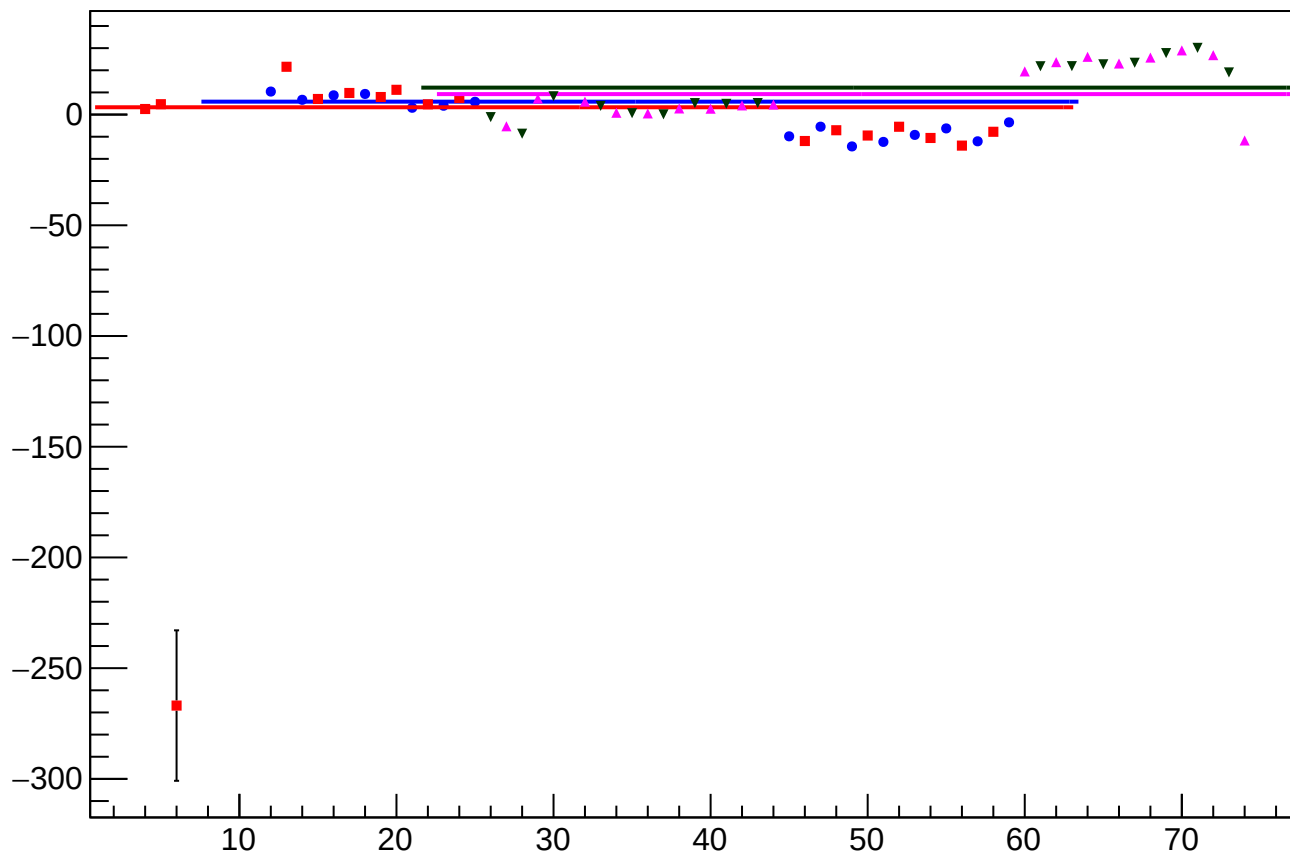
Right Out: 17.484 $\pm$ 0.013 χ^2 /NDF: 21252.9/17

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

18.119 $\pm$ 0.007 χ^2 /NDF: 112431.1/32

17.212 $\pm$ 0.009 χ^2 /NDF: 48892.3/34

dit_dsr_4aX_slope vs slug



Right In: 5.832 $\pm$ 0.027 χ^2 /NDF: 44444.7/14

Left Out: 12.168 $\pm$ 0.035 χ^2 /NDF:119813.0/15

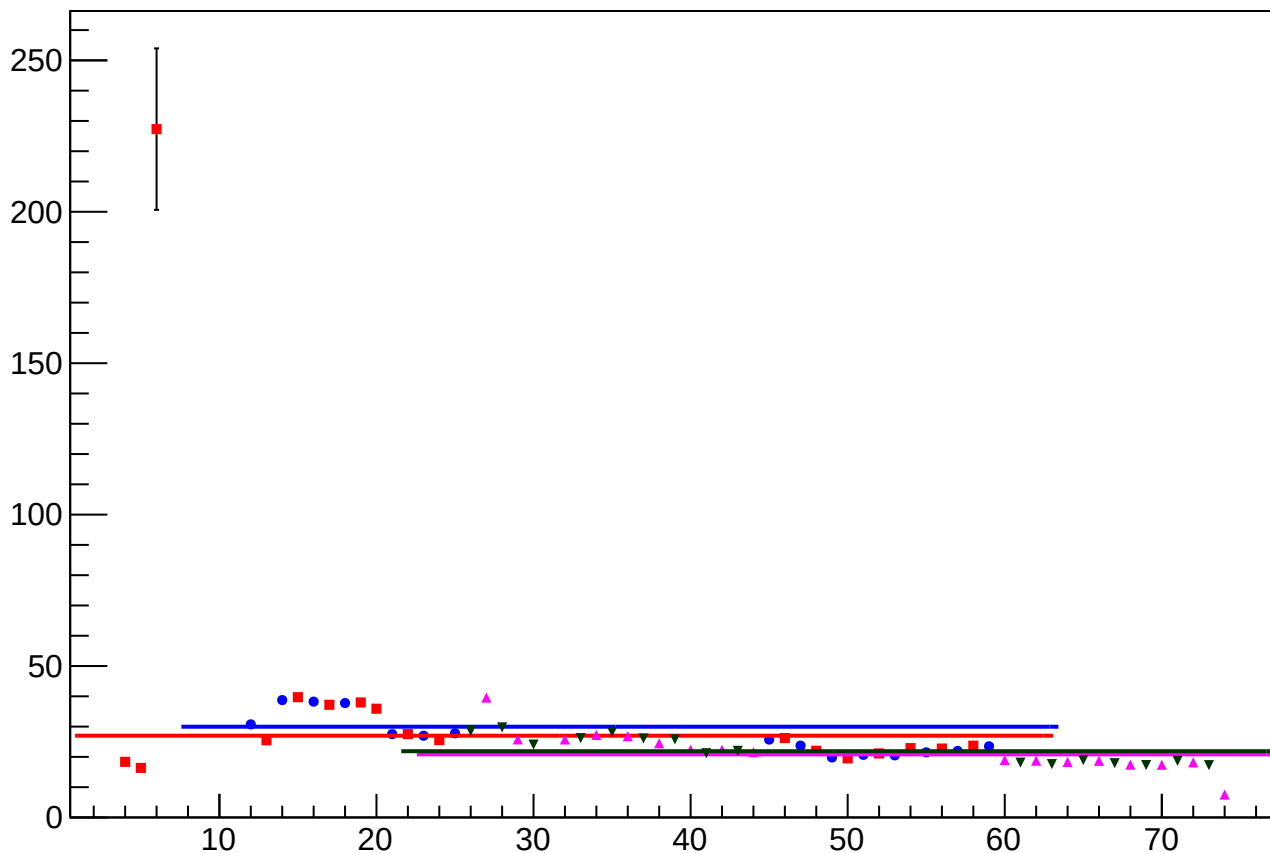
Right Out: 3.300 $\pm$ 0.037 χ^2 /NDF: 44170.1/16

Left In: 9.240 $\pm$ 0.030 χ^2 /NDF:113319.8/16

8.198 $\pm$ 0.021 χ^2 /NDF: 185004.1/30

6.855 $\pm$ 0.023 χ^2 /NDF: 172862.5/33

dit_dsr_4eX_slope vs slug



Right In: 29.965 $\pm$ 0.006 χ^2 /NDF: 1567545.6/14

Left Out: 21.871 $\pm$ 0.006 χ^2 /NDF: 523530.3/15

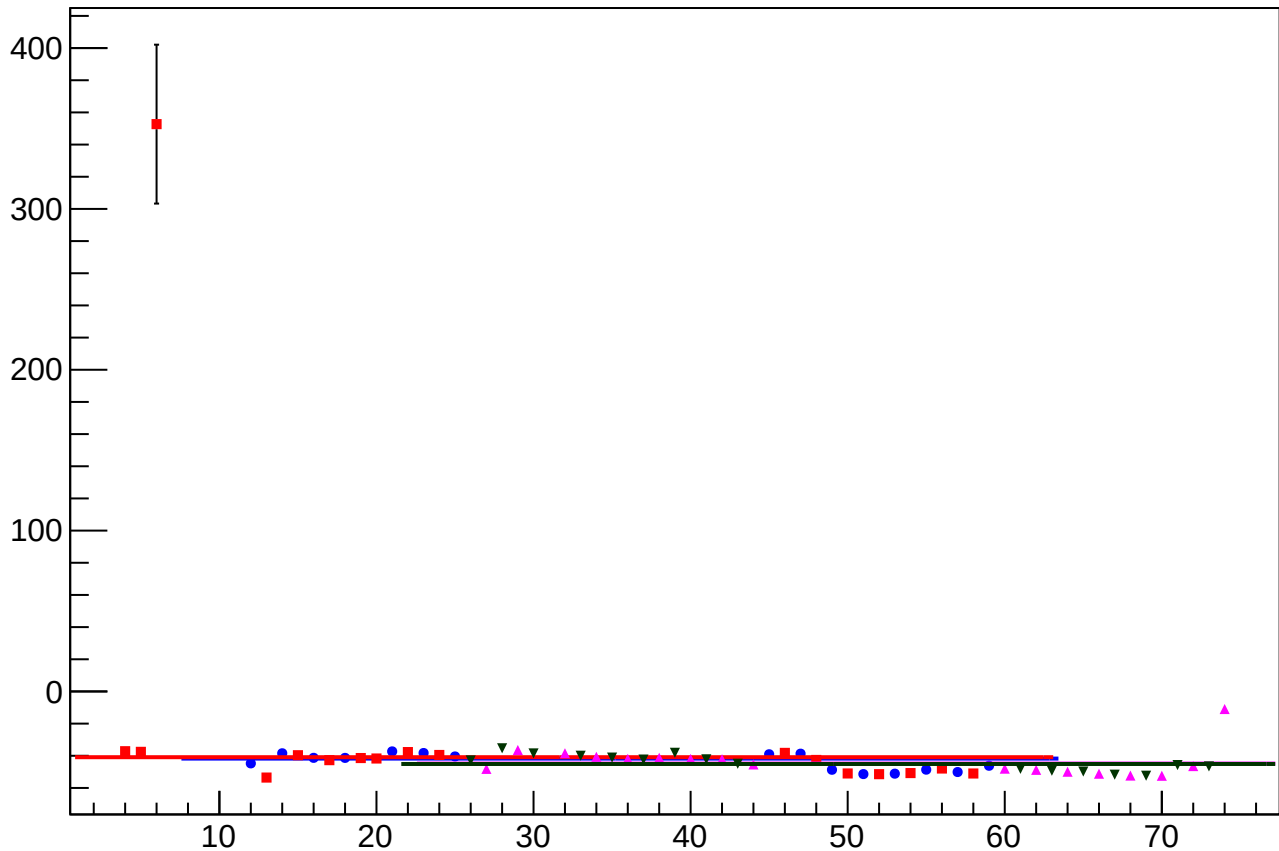
Right Out: 26.998 $\pm$ 0.007 χ^2 /NDF: 770224.5/16

Left In: 20.828 $\pm$ 0.006 χ^2 /NDF: 393370.0/16

25.857 $\pm$ 0.004 χ^2 /NDF: 3151590.5/30

23.234 $\pm$ 0.004 χ^2 /NDF: 1614446.8/33

dit_dsr_11X12X_slope vs slug



Right In: -41.741 ± 0.004 $\chi^2/\text{NDF}: 1194642.0/14$

-43.594 ± 0.002 $\chi^2/\text{NDF}: 2924230.4/30$

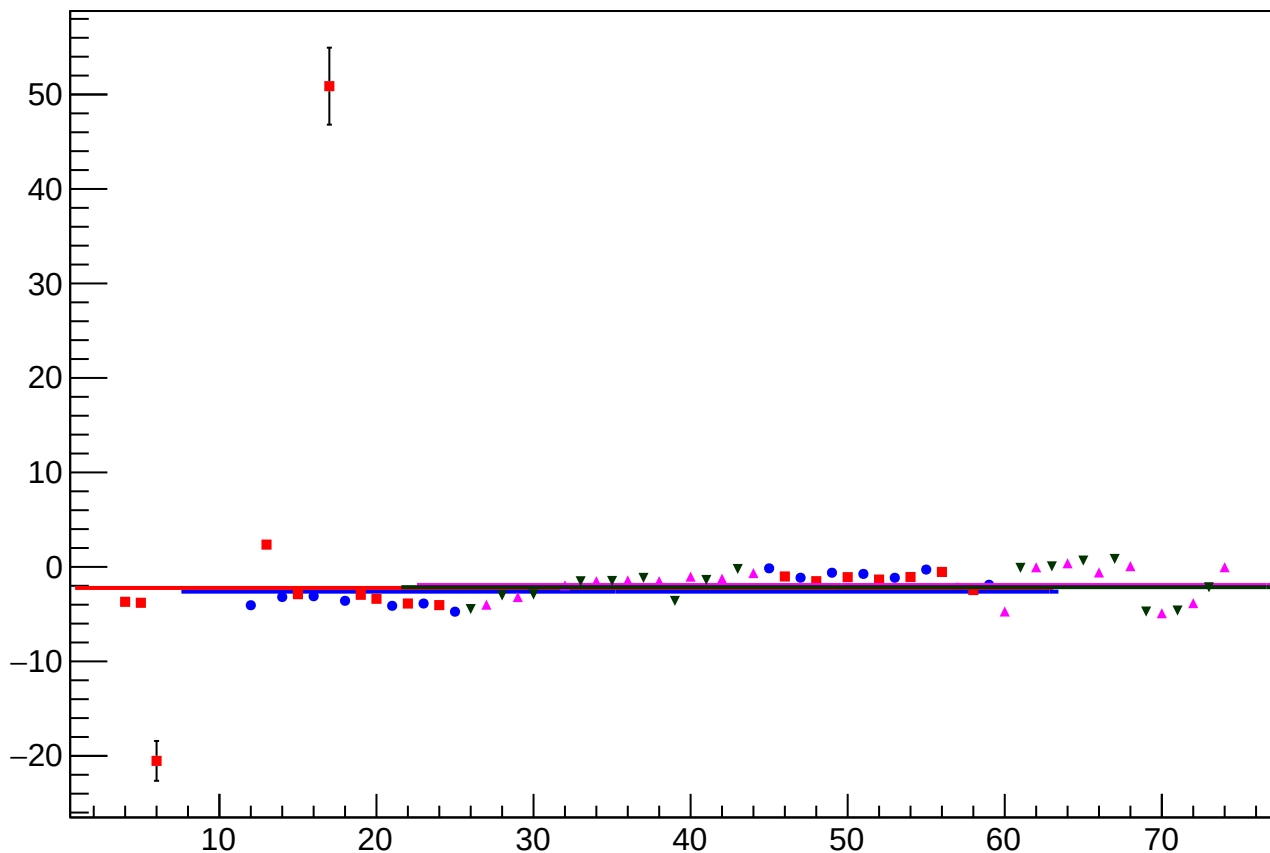
Left Out: -45.094 ± 0.003 $\chi^2/\text{NDF}: 1247670.5/15$

Right Out: -40.885 ± 0.004 $\chi^2/\text{NDF}: 792178.0/16$

-42.974 ± 0.003 $\chi^2/\text{NDF}: 2529275.3/33$

Left In: -44.825 ± 0.004 $\chi^2/\text{NDF}: 1308372.6/16$

dit_dsr_4aY_slope vs slug



Right In: -2.619+/-0.005 χ^2/NDF : 73089.3/14

Left Out: -2.144+/-0.006 χ^2/NDF : 69589.3/15

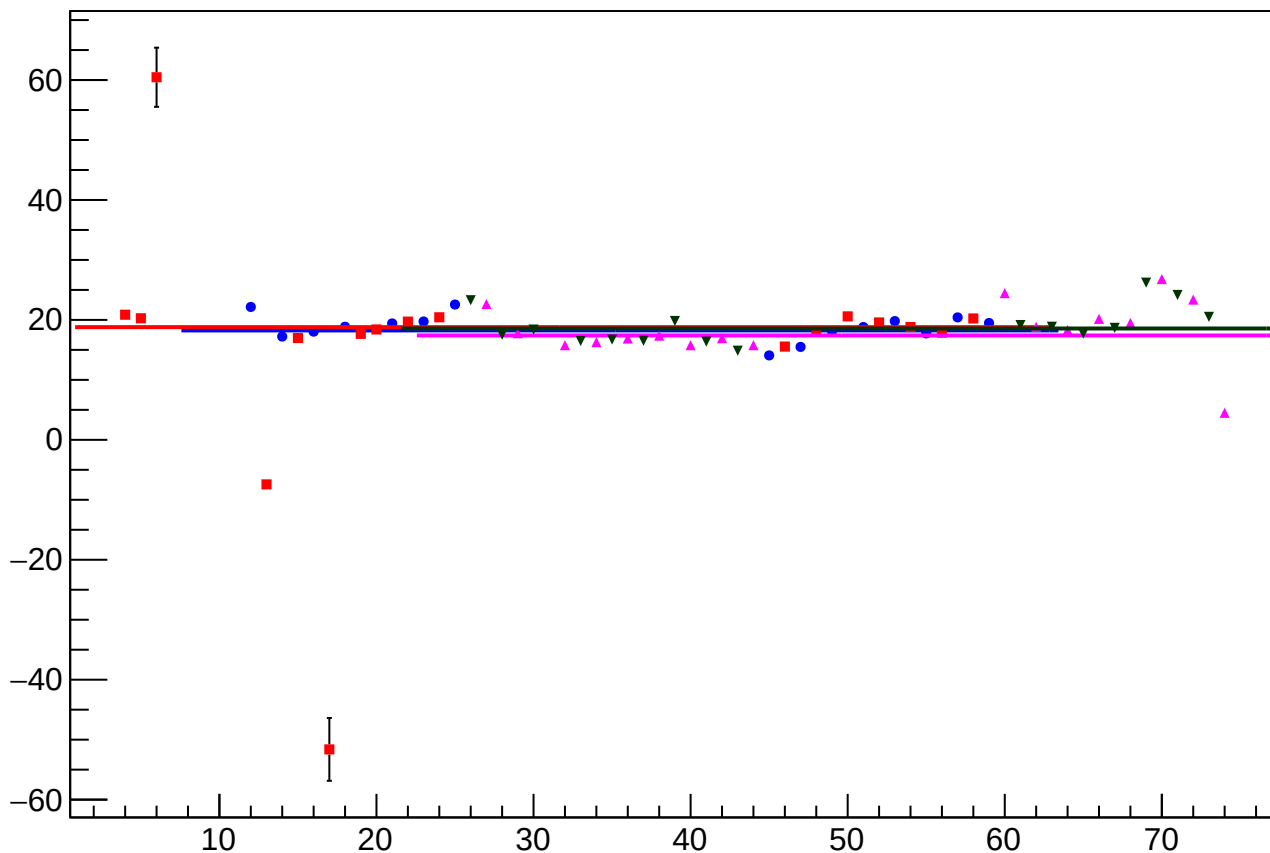
Right Out: -2.226+/-0.007 χ^2/NDF : 27599.1/16

Left In: -1.918+/-0.006 χ^2/NDF : 49282.2/16

-2.431+/-0.004 χ^2/NDF : 146799.4/30

-2.045+/-0.004 χ^2/NDF : 78041.6/33

dit_dsr_4eY_slope vs slug



Right In: 18.248 $\pm$ 0.008 χ^2 /NDF: 56129.0/14

Left Out: 18.567 $\pm$ 0.009 χ^2 /NDF: 99911.2/15

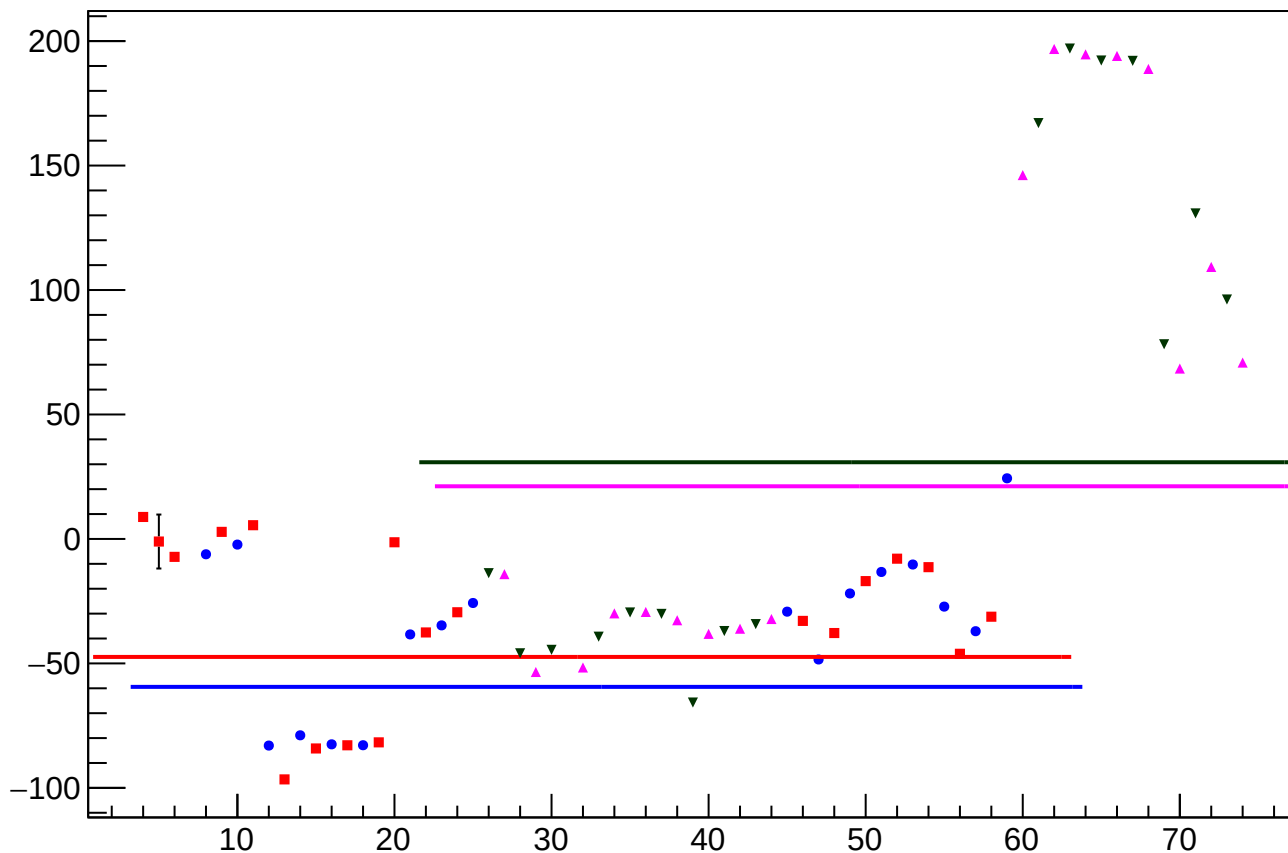
Right Out: 18.790 $\pm$ 0.011 χ^2 /NDF: 24666.4/16

Left In: 17.404 $\pm$ 0.010 χ^2 /NDF: 48554.9/16

18.380 $\pm$ 0.006 χ^2 /NDF: 156739.6/30

18.009 $\pm$ 0.007 χ^2 /NDF: 82429.0/33

dit_atl1_4aX_slope vs slug



Right In: -59.426 ± 0.059 χ^2/NDF : 315873.7/16

Left Out: 30.813 ± 0.086 χ^2/NDF : 1214472.4/15

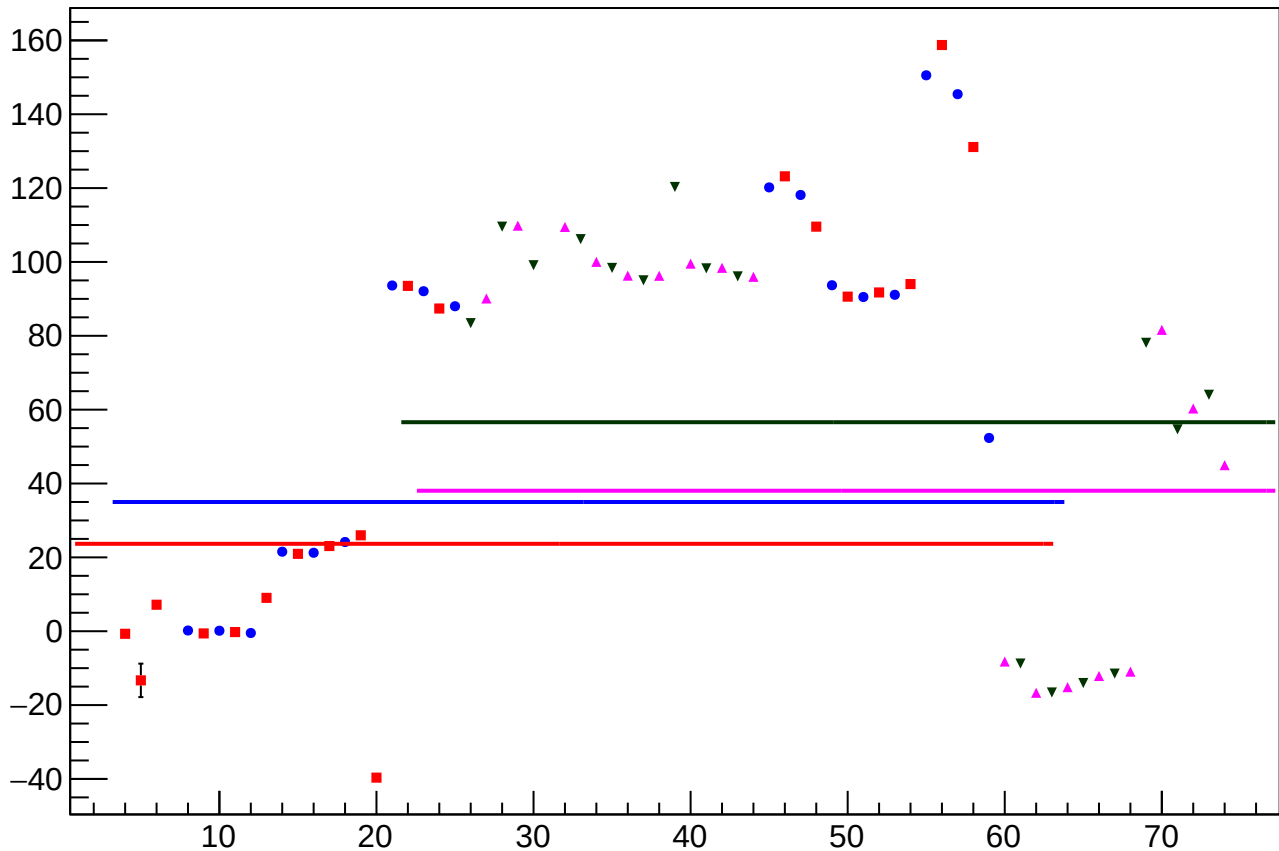
Right Out: -47.396 ± 0.086 χ^2/NDF : 161000.0/18

Left In: 21.156 ± 0.083 χ^2/NDF : 1237006.7/16

-30.559 ± 0.048 χ^2/NDF : 2285995.6/32

-12.081 ± 0.060 χ^2/NDF : 1727098.7/35

dit_atl1_4eX_slope vs slug



Right In: 34.995 $\pm$ 0.014 χ^2 /NDF: 8492843.6/16

Left Out: 56.602 $\pm$ 0.015 χ^2 /NDF:11868330.5/15

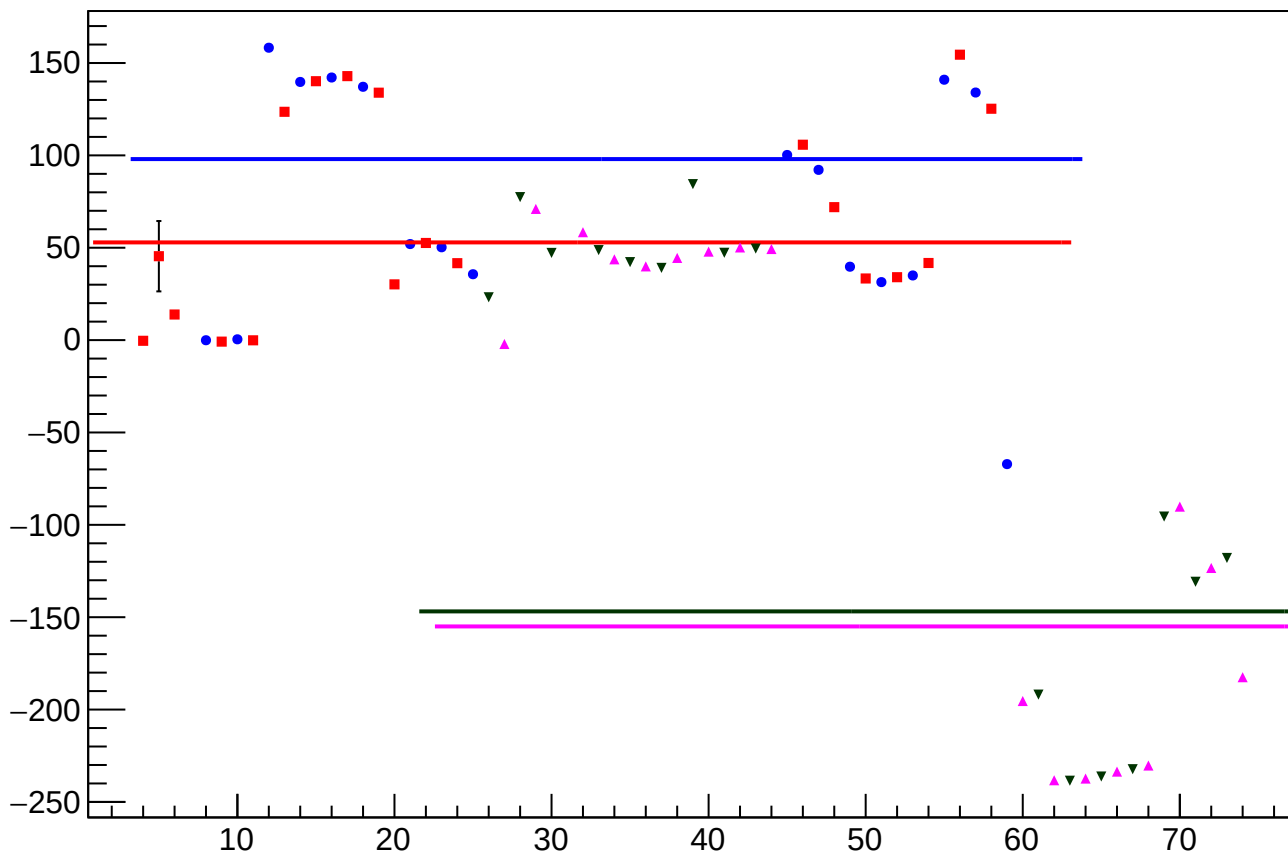
44.973 $\pm$ 0.010 χ^2 /NDF: 21522842.8/32

Right Out: 23.674 $\pm$ 0.013 χ^2 /NDF: 11363779.1/18

28.545 $\pm$ 0.010 χ^2 /NDF: 21683569.1/35

Left In: 38.044 $\pm$ 0.018 χ^2 /NDF:9878068.0/16

dit_atl1_11X12X_slope vs slug



Right In: 97.993 $\pm$ 0.016 χ^2 /NDF: 16029719.9/16

Left Out: -146.860 $\pm$ 0.019 χ^2 /NDF: 42927804.7/15

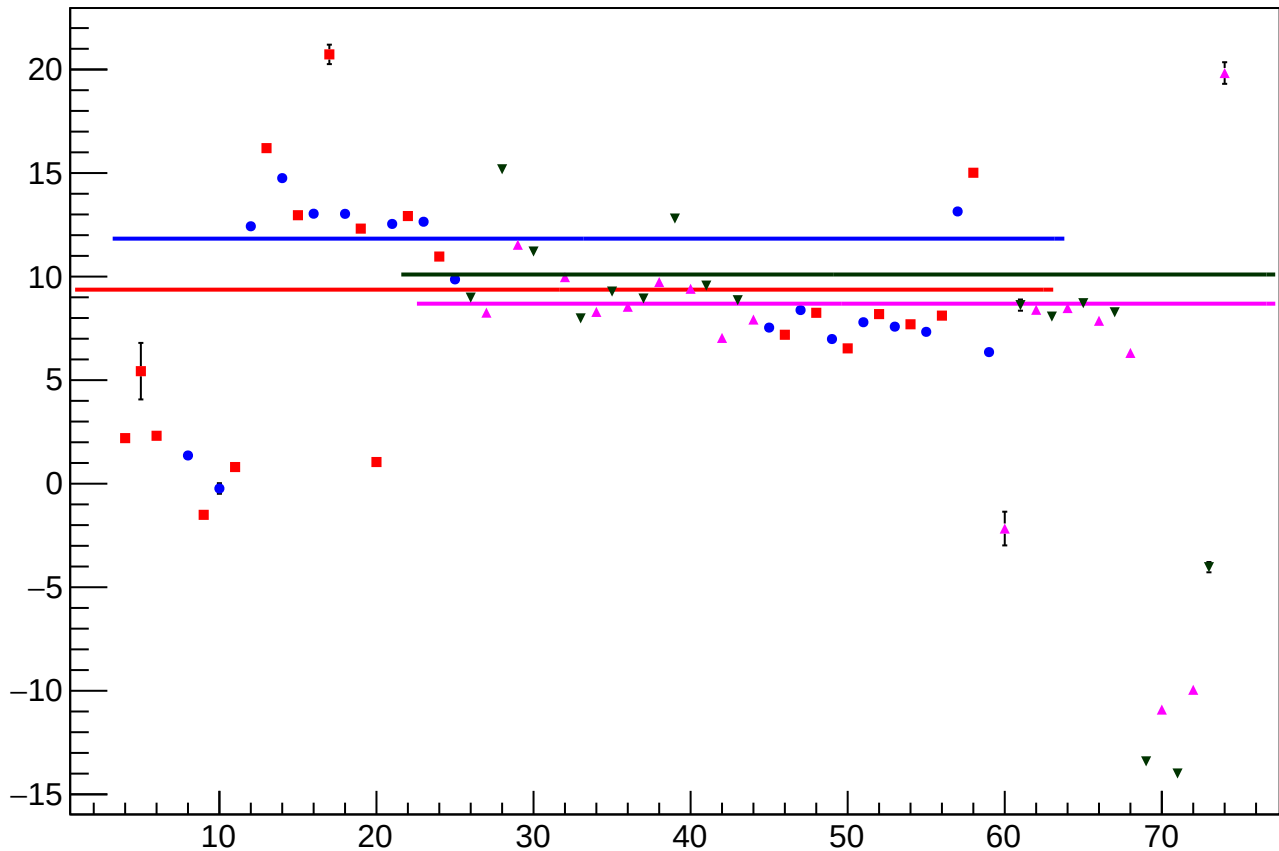
Right Out: 52.887 $\pm$ 0.010 χ^2 /NDF: 35119160.9/18

Left In: -154.997 $\pm$ 0.021 χ^2 /NDF: 33442415.0/16

-8.634 $\pm$ 0.012 χ^2 /NDF: 155411925.4/32

12.657 $\pm$ 0.009 χ^2 /NDF: 147764702.5/35

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

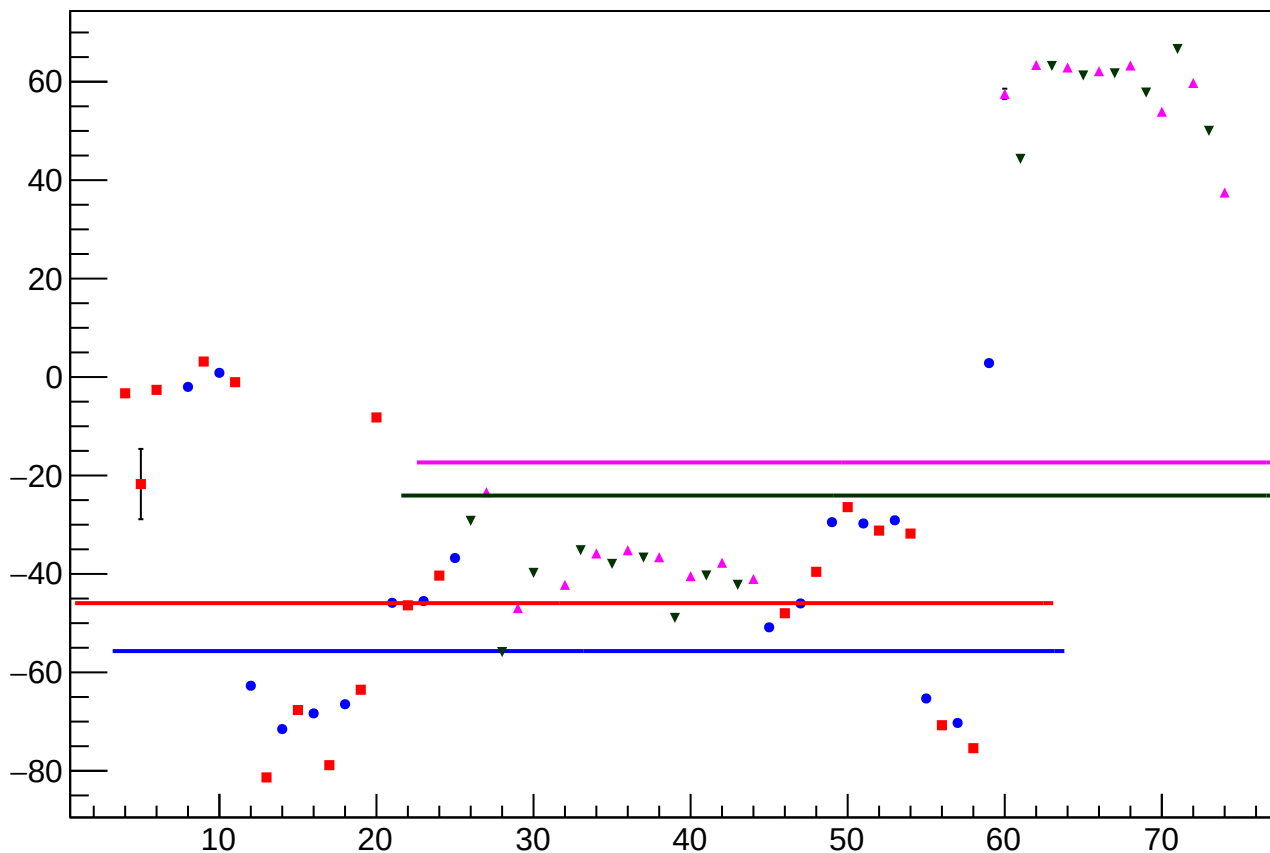
Right Out: 9.370 ± 0.022 χ^2/NDF : 40285.1/18

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

11.269 ± 0.013 χ^2/NDF : 86068.0/32

9.019 ± 0.015 χ^2/NDF : 59502.2/35

dit_atl1_4eY_slope vs slug



Right In: -55.670 ± 0.024 $\chi^2/\text{NDF}: 721710.0/16$

Left Out: -24.073 ± 0.037 $\chi^2/\text{NDF}: 1054460.8/15$

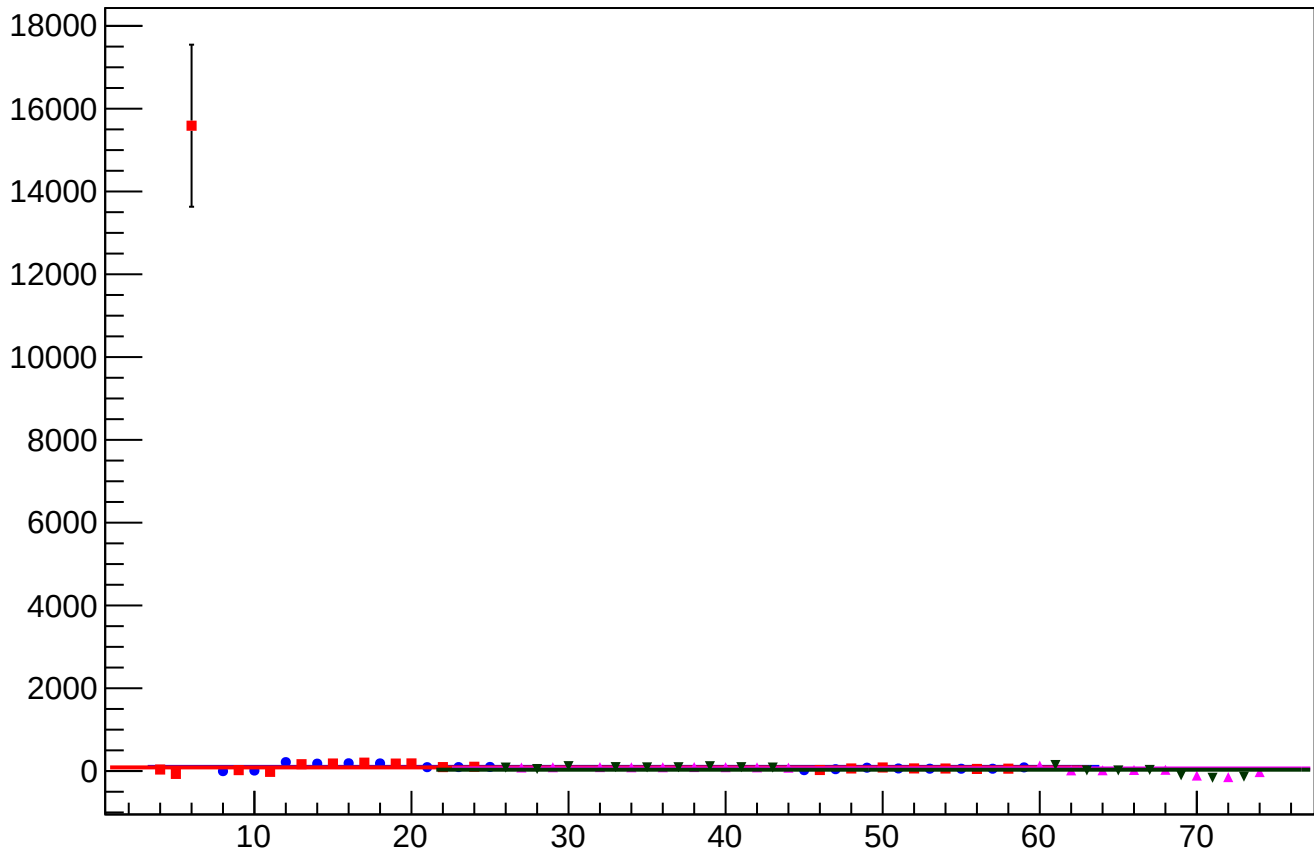
Right Out: -45.935 ± 0.032 $\chi^2/\text{NDF}: 524637.8/18$

Left In: -17.351 ± 0.035 $\chi^2/\text{NDF}: 1387731.8/16$

-46.329 ± 0.020 $\chi^2/\text{NDF}: 2302161.1/32$

-33.053 ± 0.024 $\chi^2/\text{NDF}: 2274075.8/35$

dit_atr1_4aX_slope vs slug



Right In: 100.626 $\pm$ 0.080 χ^2 /NDF: 445237.8/16

Left Out: 32.691 $\pm$ 0.081 χ^2 /NDF:1279838.5/15

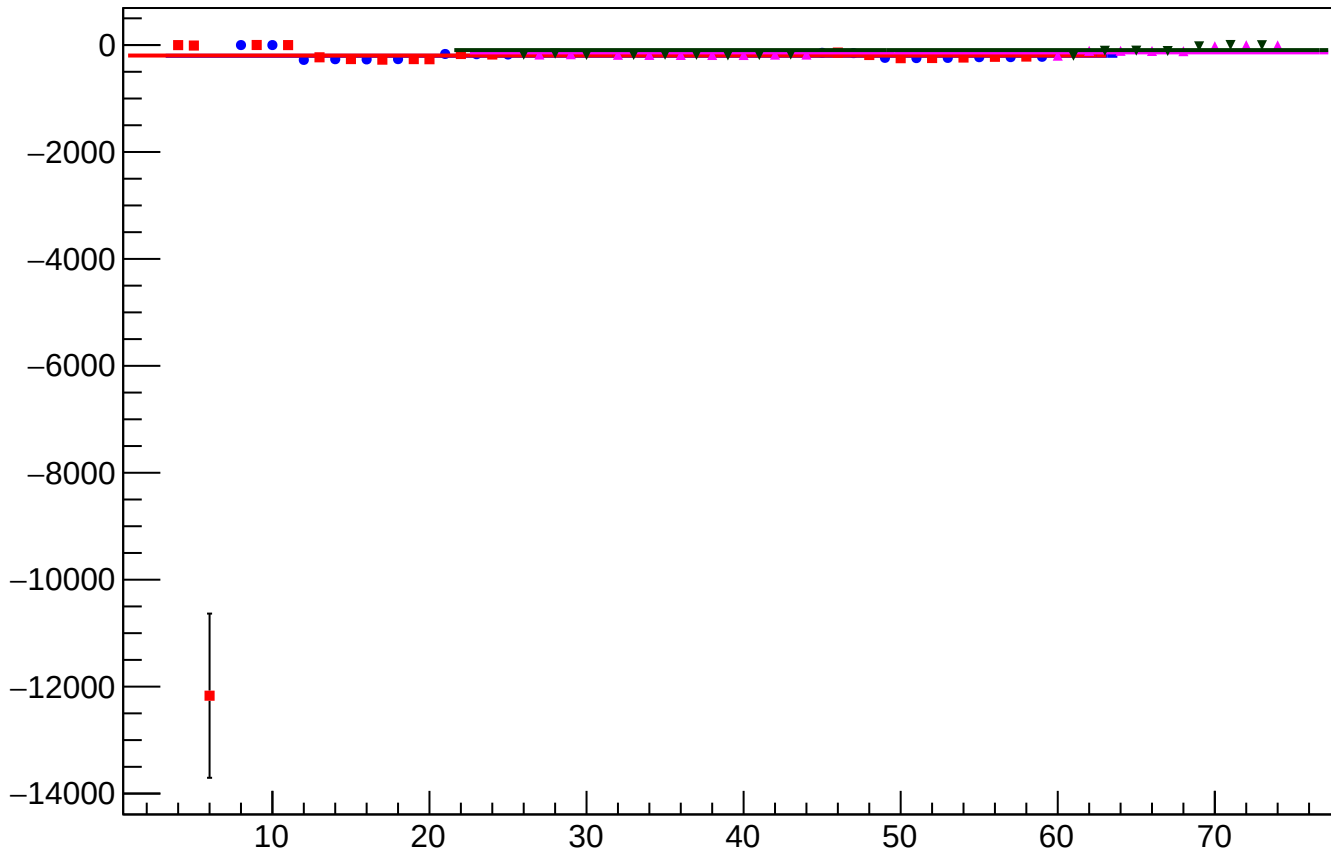
Right Out: 88.191 $\pm$ 0.112 χ^2 /NDF: 187795.7/18

Left In: 63.260 $\pm$ 0.081 χ^2 /NDF:505418.9/16

66.925 $\pm$ 0.057 χ^2 /NDF: 2081152.6/32

71.732 $\pm$ 0.066 χ^2 /NDF: 725655.6/35

dit_atr1_4eX_slope vs slug



Right In: -201.024+/-0.020 χ^2/NDF : 11333577.2/16

Left Out: -94.423+/-0.018 χ^2/NDF : 19906320.2/15

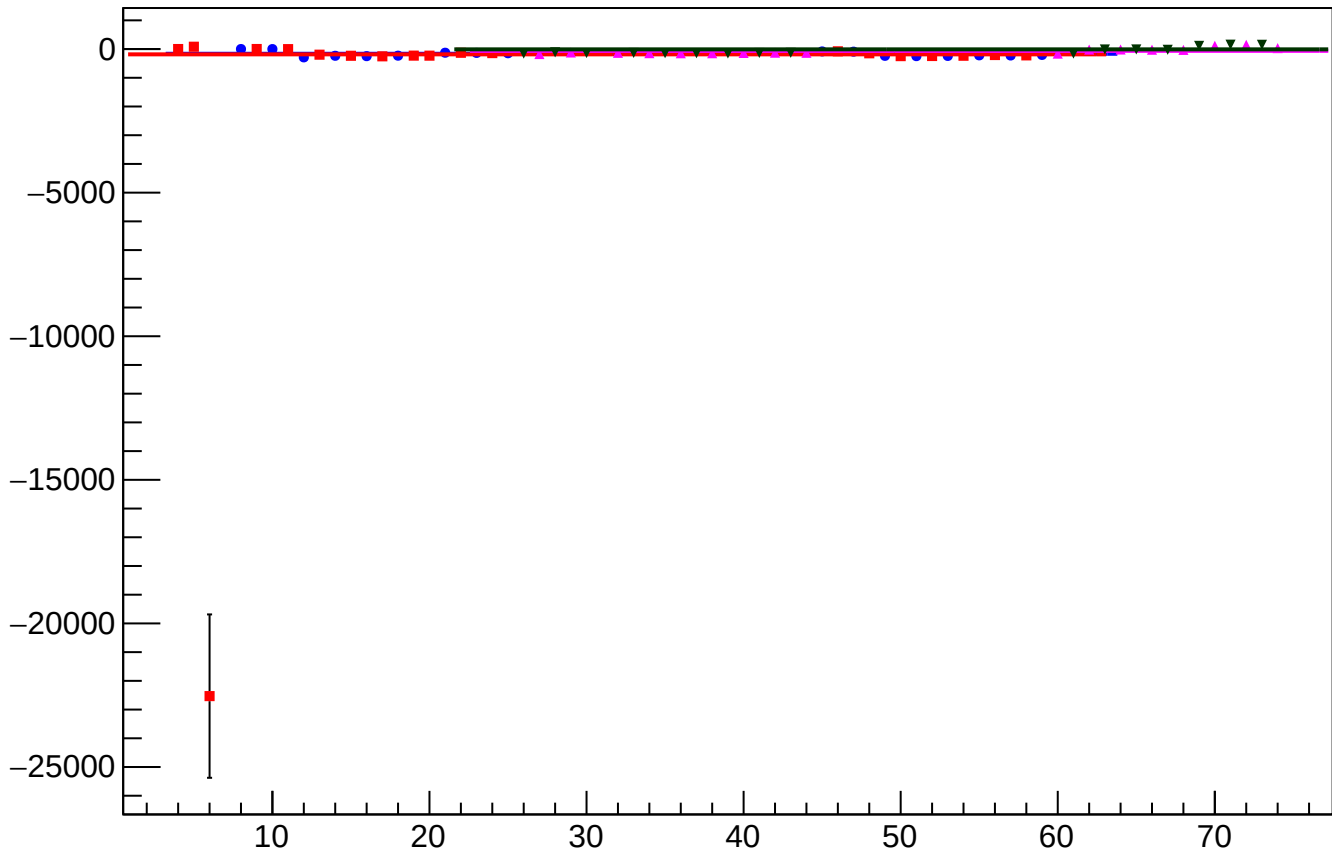
Right Out: -196.054+/-0.028 χ^2/NDF : 6609042.9/18

Left In: -137.110+/-0.020 χ^2/NDF : 7834830.2/16

-140.835+/-0.013 χ^2/NDF : 46613146.8/32

-157.244+/-0.017 χ^2/NDF : 17274907.9/35

dit_atr1_11X12X_slope vs slug



Right In: -163.874 ± 0.031 $\chi^2/\text{NDF}: 8915237.3/16$

Left Out: -10.148 ± 0.024 $\chi^2/\text{NDF}: 27906413.8/15$

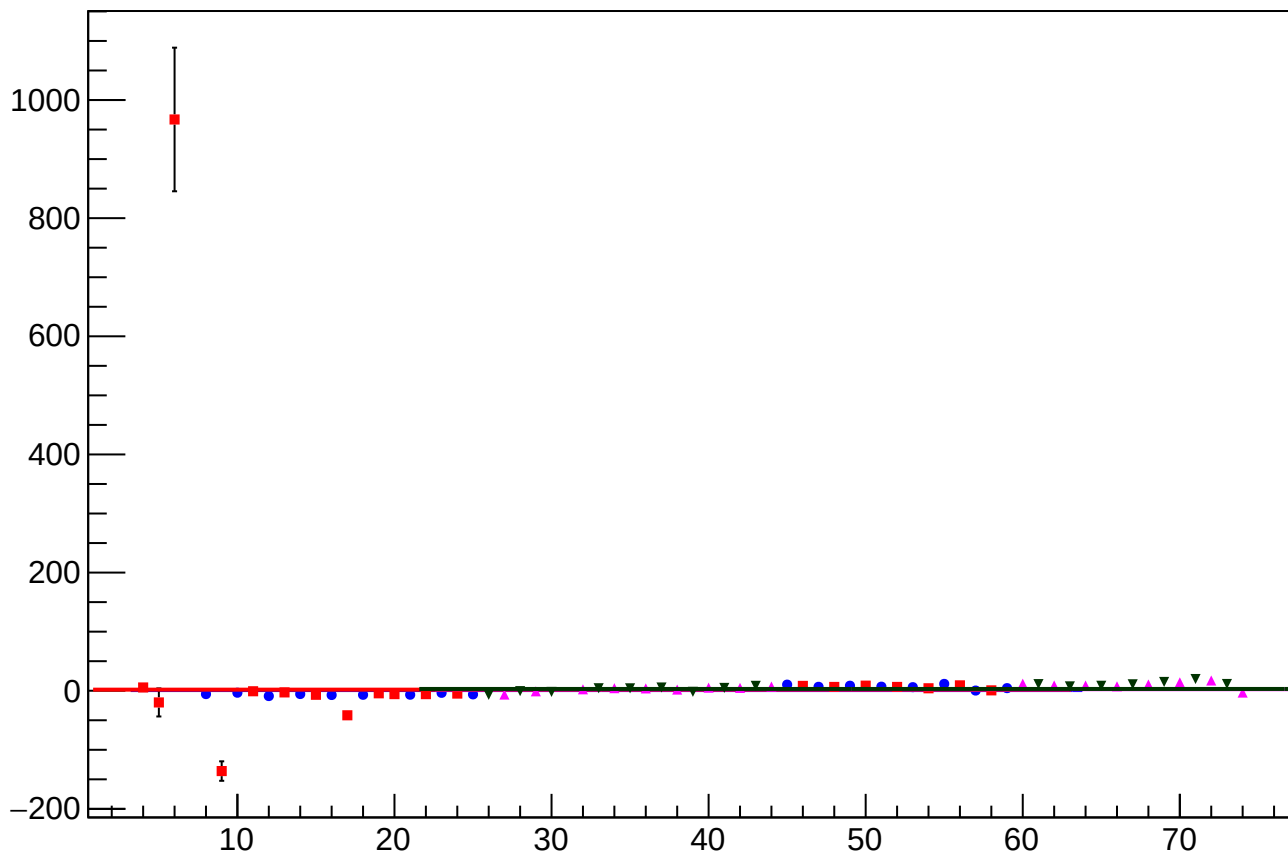
Right Out: -184.276 ± 0.034 $\chi^2/\text{NDF}: 5373638.2/18$

Left In: -62.966 ± 0.033 $\chi^2/\text{NDF}: 8884290.5/16$

-69.366 ± 0.019 $\chi^2/\text{NDF}: 52136845.8/32$

-121.232 ± 0.024 $\chi^2/\text{NDF}: 20902293.8/35$

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

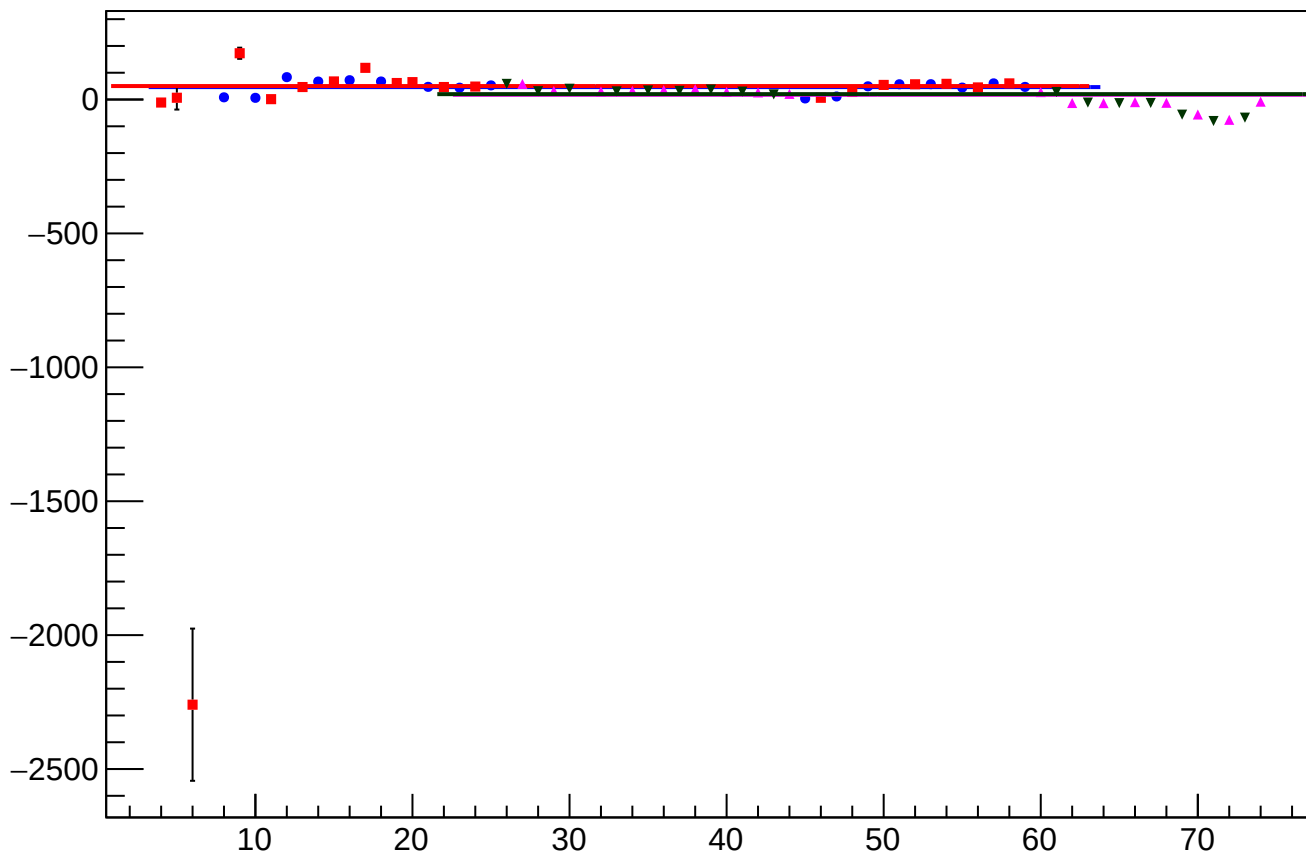
Right Out: 1.819 ± 0.027 χ^2/NDF : 46682.1/18

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

2.031 ± 0.017 χ^2/NDF : 135923.4/32

2.241 ± 0.018 χ^2/NDF : 96313.7/35

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 $\chi^2/\text{NDF}: 764191.0/15$

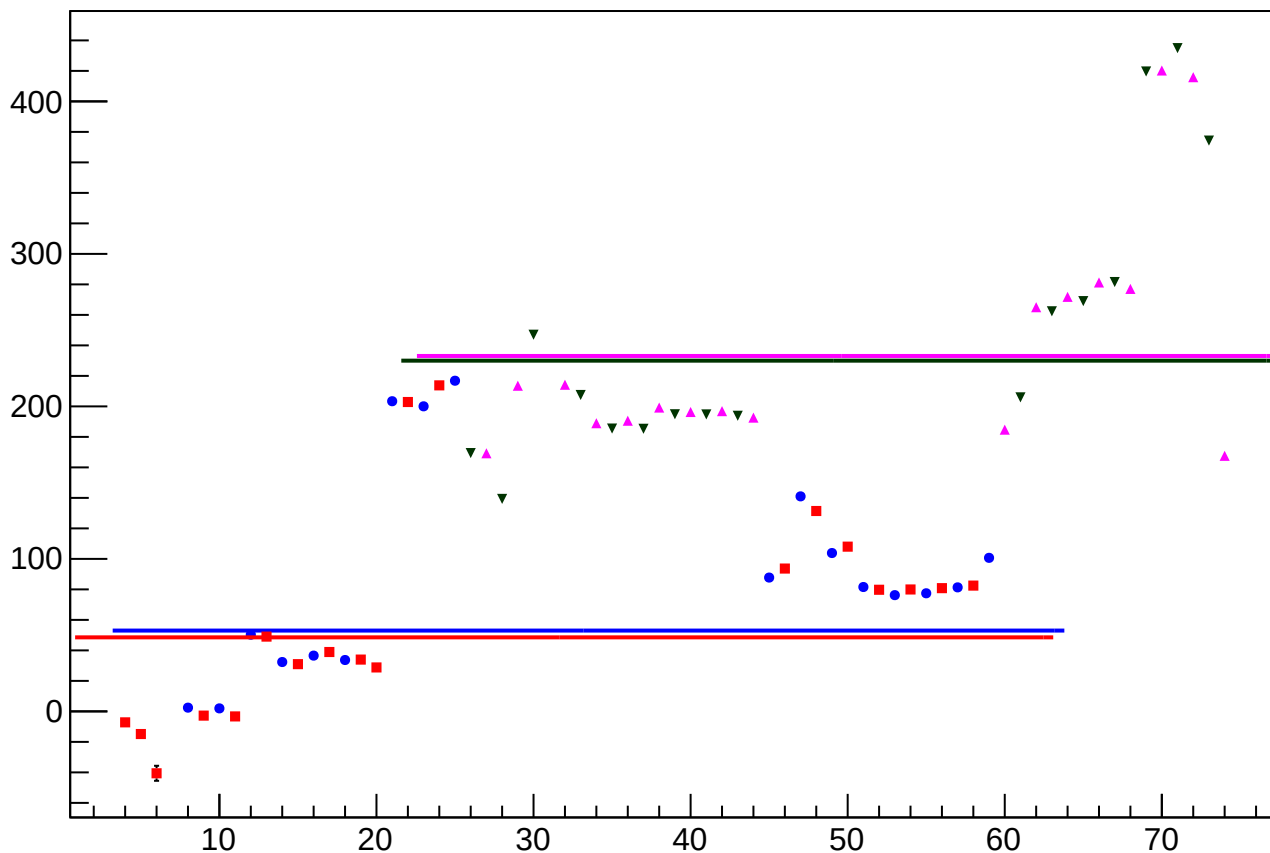
Right Out: 50.254 ± 0.046 $\chi^2/\text{NDF}: 119475.2/18$

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

34.059 ± 0.027 $\chi^2/\text{NDF}: 1314403.4/32$

31.250 ± 0.030 $\chi^2/\text{NDF}: 939599.5/35$

dit_atl2_4aX_slope vs slug



Right In: 52.995 $\pm$ 0.042 χ^2 /NDF: 1077947.7/16

Left Out: 229.990 $\pm$ 0.074 χ^2 /NDF: 1187560.8/15

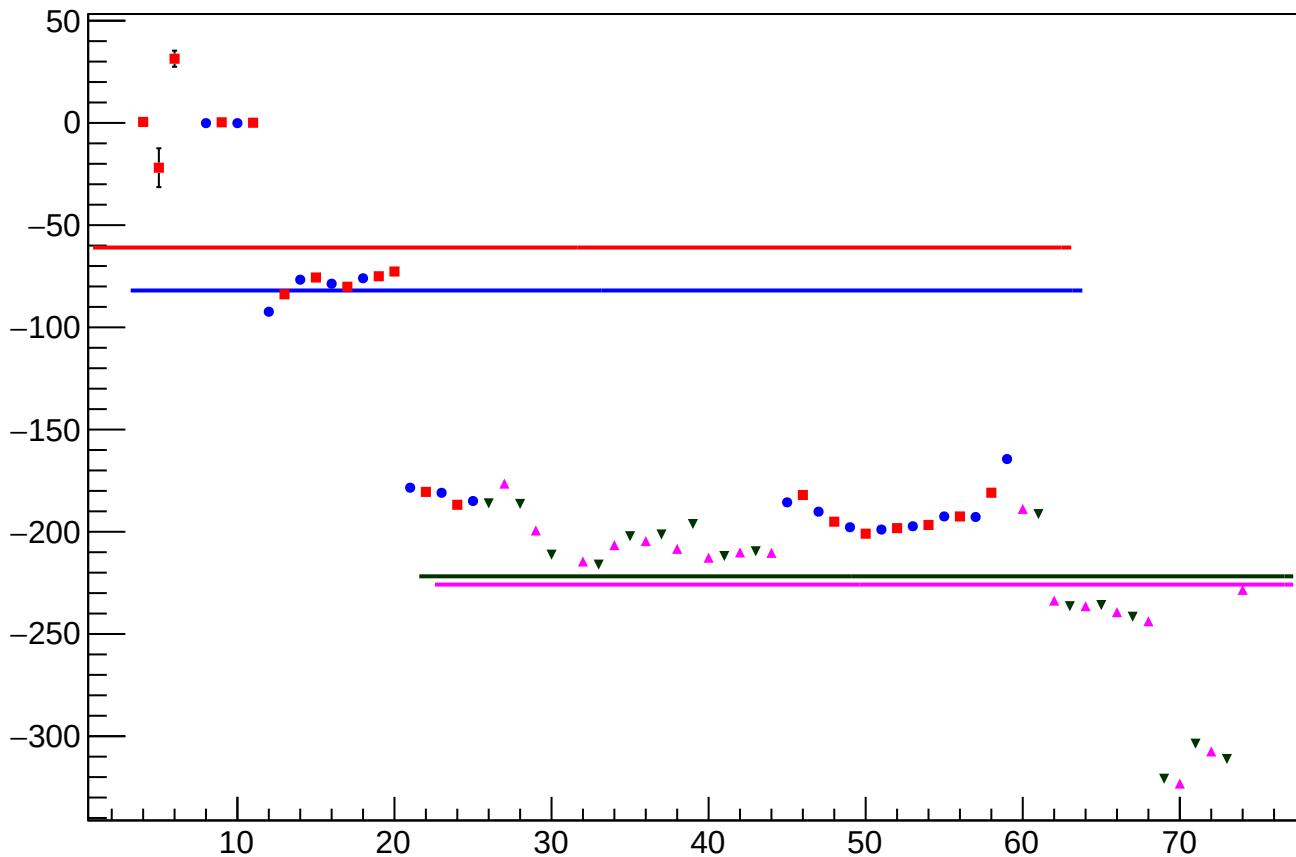
Right Out: 48.547 $\pm$ 0.060 χ^2 /NDF: 483658.1/18

Left In: 233.066 $\pm$ 0.098 χ^2 /NDF: 399801.2/16

95.778 $\pm$ 0.037 χ^2 /NDF: 6546356.9/32

98.964 $\pm$ 0.051 χ^2 /NDF: 3438483.0/35

dit_atl2_4eX_slope vs slug



Right In: -81.968 ± 0.010 $\chi^2/\text{NDF}: 51387492.6/16$

Left Out: -221.787 ± 0.014 $\chi^2/\text{NDF}: 7129760.6/15$

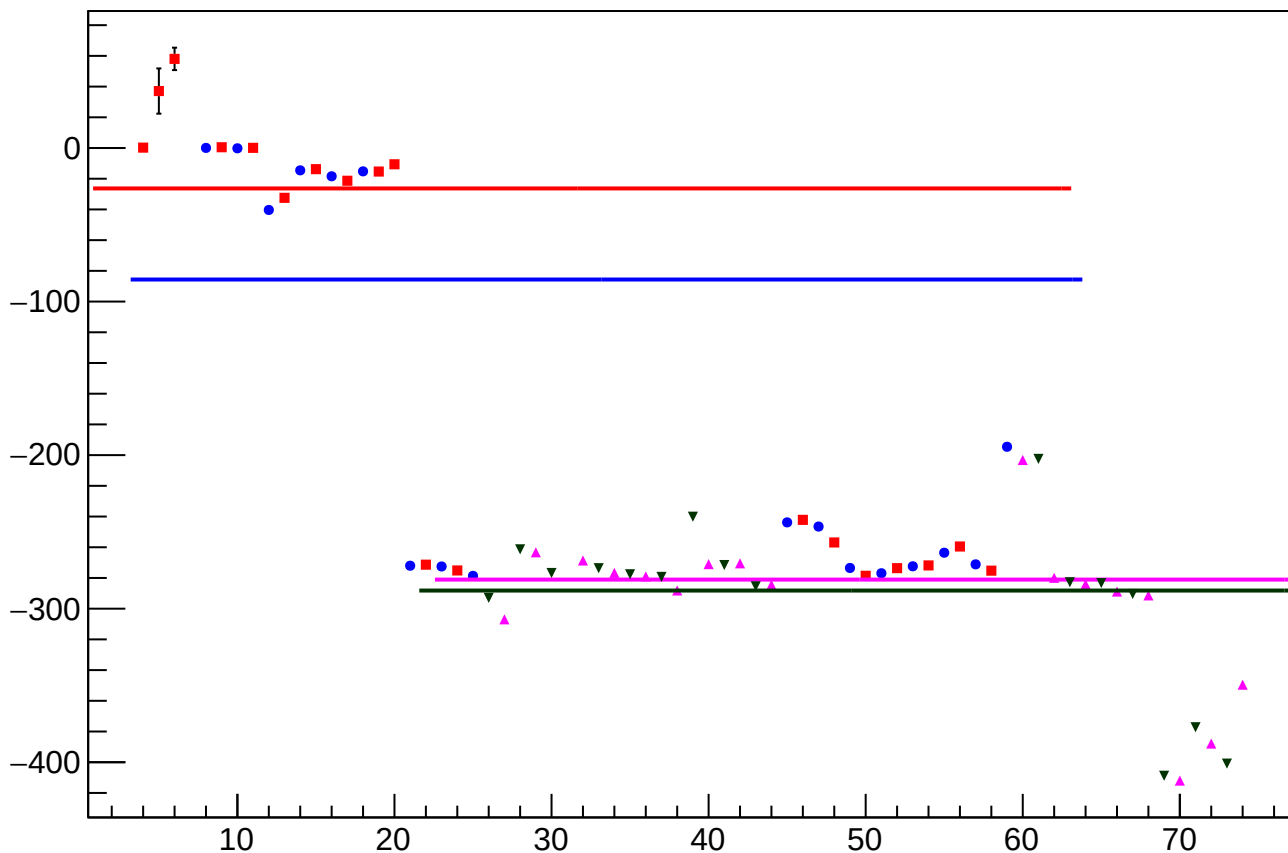
-132.452 ± 0.008 $\chi^2/\text{NDF}: 122962539.3/32$

Right Out: -60.947 ± 0.010 $\chi^2/\text{NDF}: 54915073.0/18$

-101.942 ± 0.008 $\chi^2/\text{NDF}: 128776667.1/35$

Left In: -225.830 ± 0.017 $\chi^2/\text{NDF}: 2801914.0/16$

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

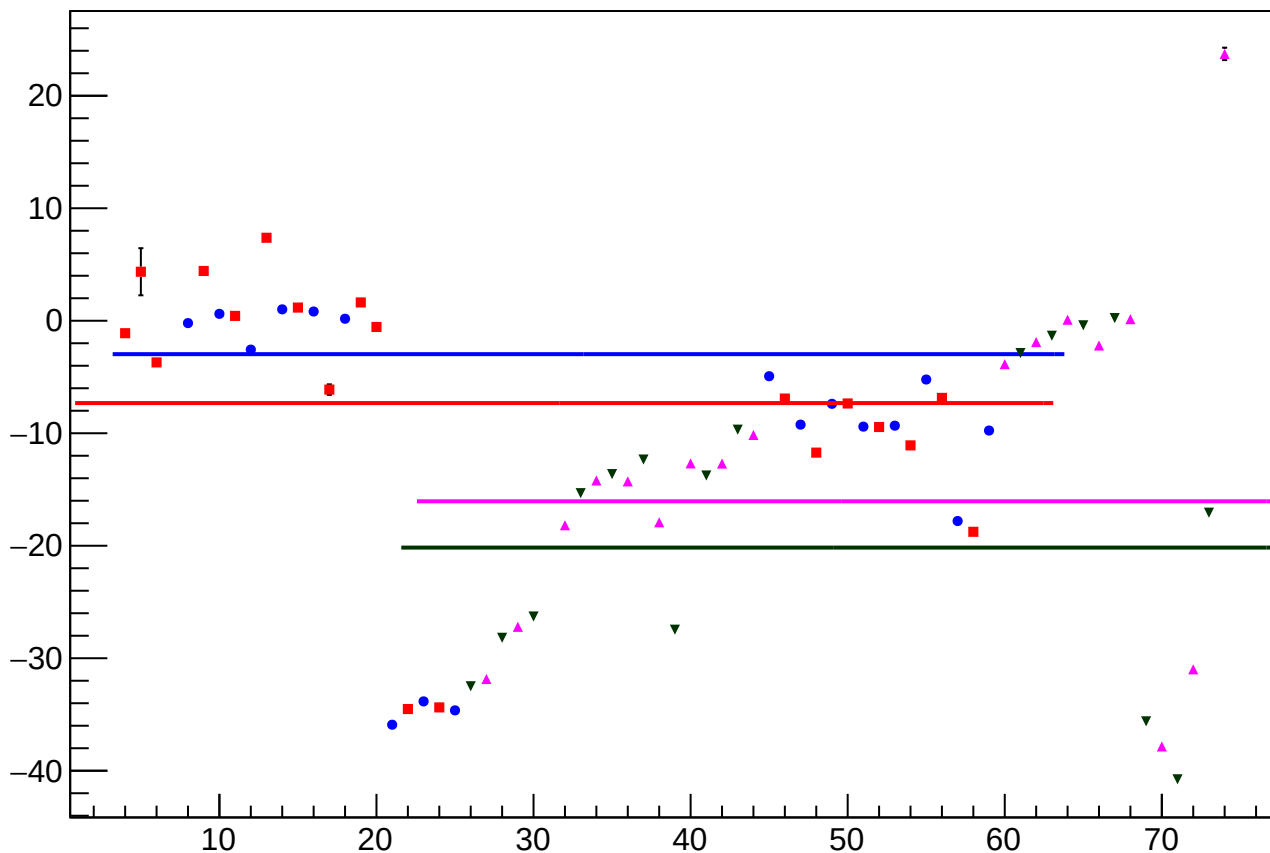
Right Out: -26.326 $\pm$ 0.009 χ^2 /NDF: 61076688.4/18

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

-150.033 $\pm$ 0.010 χ^2 /NDF: 183457167.3/32

-67.387 $\pm$ 0.008 χ^2 /NDF: 192812442.1/35

dit_atl2_4aY_slope vs slug



Right In: -2.970 ± 0.011 $\chi^2/\text{NDF}: 625543.3/16$

Left Out: -20.164 ± 0.019 $\chi^2/\text{NDF}: 233470.7/15$

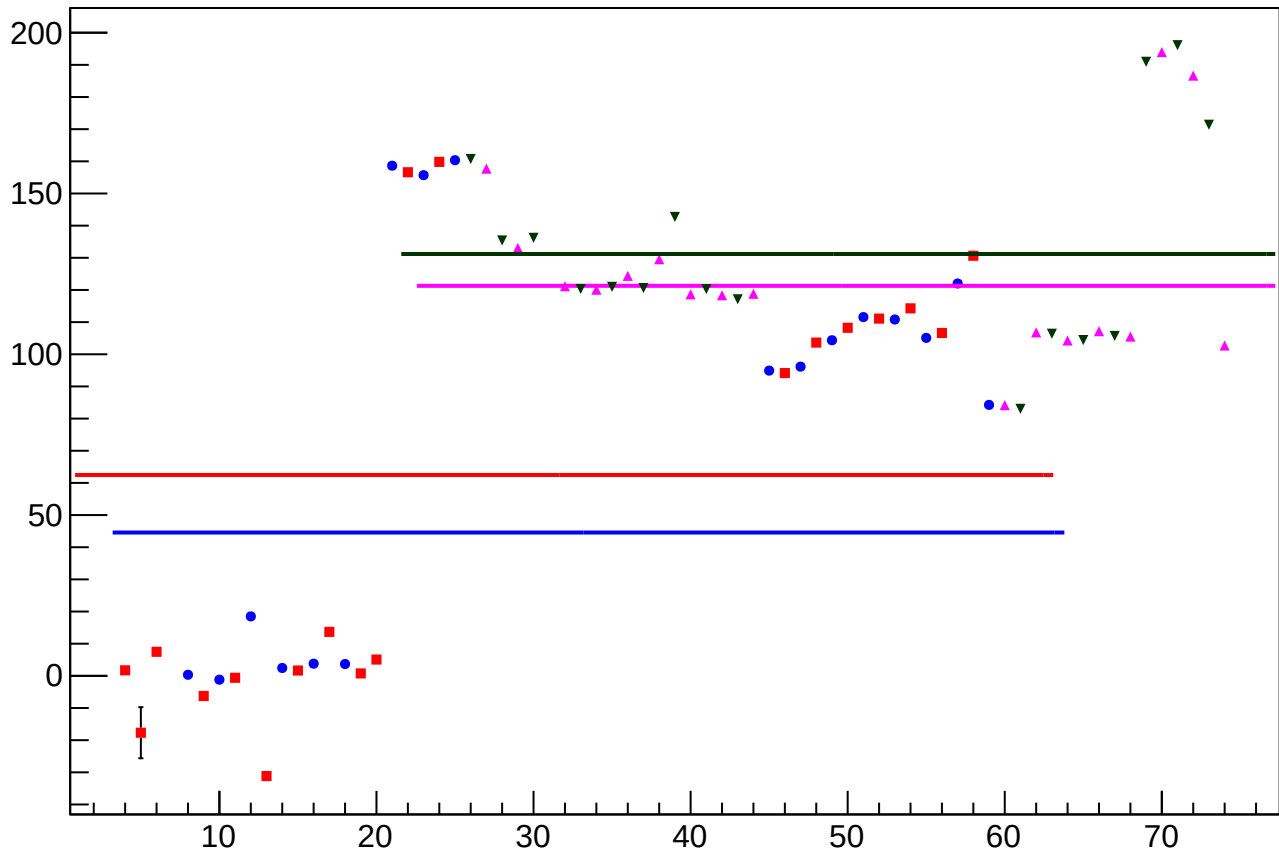
Right Out: -7.317 ± 0.018 $\chi^2/\text{NDF}: 350914.2/18$

Left In: -16.048 ± 0.022 $\chi^2/\text{NDF}: 164765.0/16$

-7.051 ± 0.009 $\chi^2/\text{NDF}: 1475179.4/32$

-10.891 ± 0.014 $\chi^2/\text{NDF}: 607031.4/35$

dit_atl2_4eY_slope vs slug



Right In: 44.572 $\pm$ 0.020 χ^2 /NDF: 7456062.2/16

Left Out: 131.189 $\pm$ 0.032 χ^2 /NDF: 496445.7/15

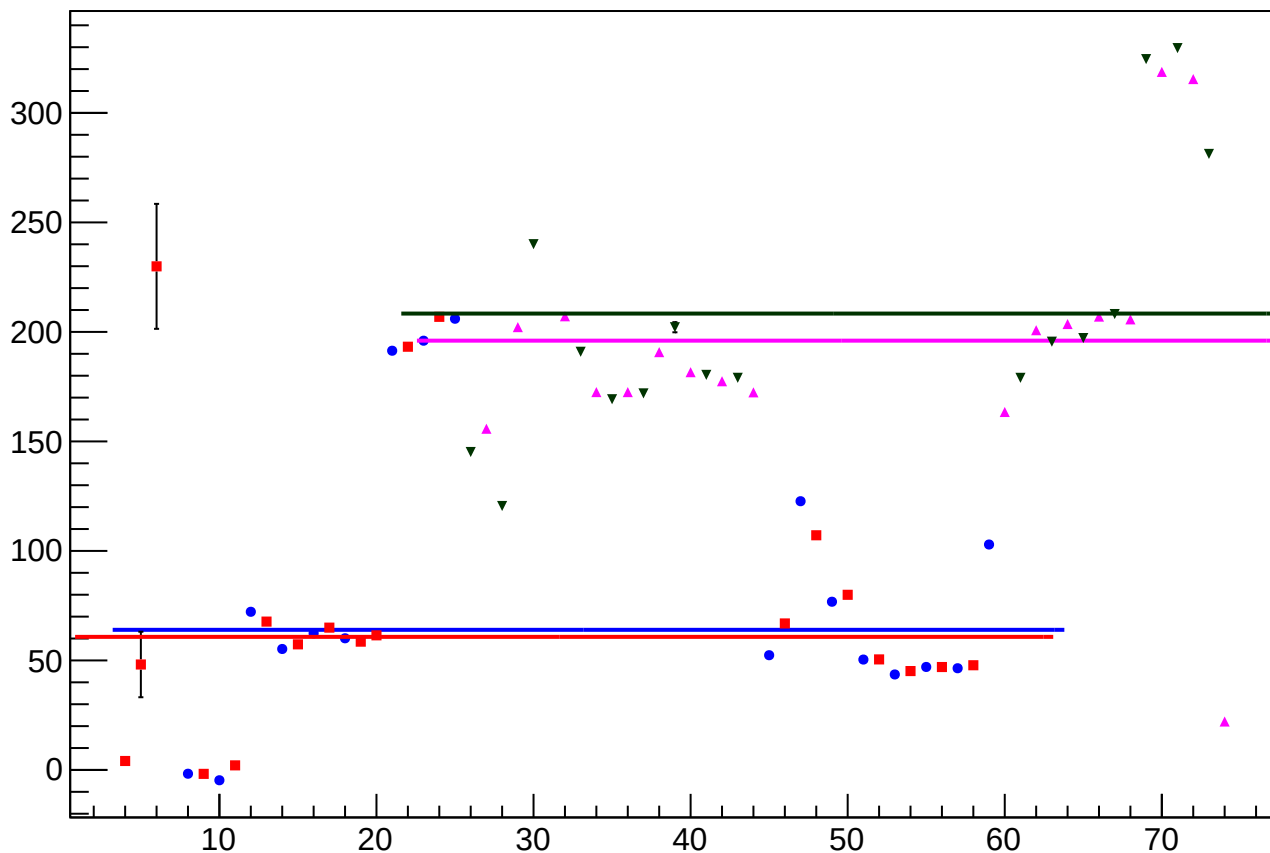
Right Out: 62.464 $\pm$ 0.028 χ^2 /NDF: 4624148.8/18

Left In: 121.288 $\pm$ 0.035 χ^2 /NDF: 189490.0/16

68.432 $\pm$ 0.017 χ^2 /NDF: 13106554.3/32

85.921 $\pm$ 0.022 χ^2 /NDF: 6528193.2/35

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

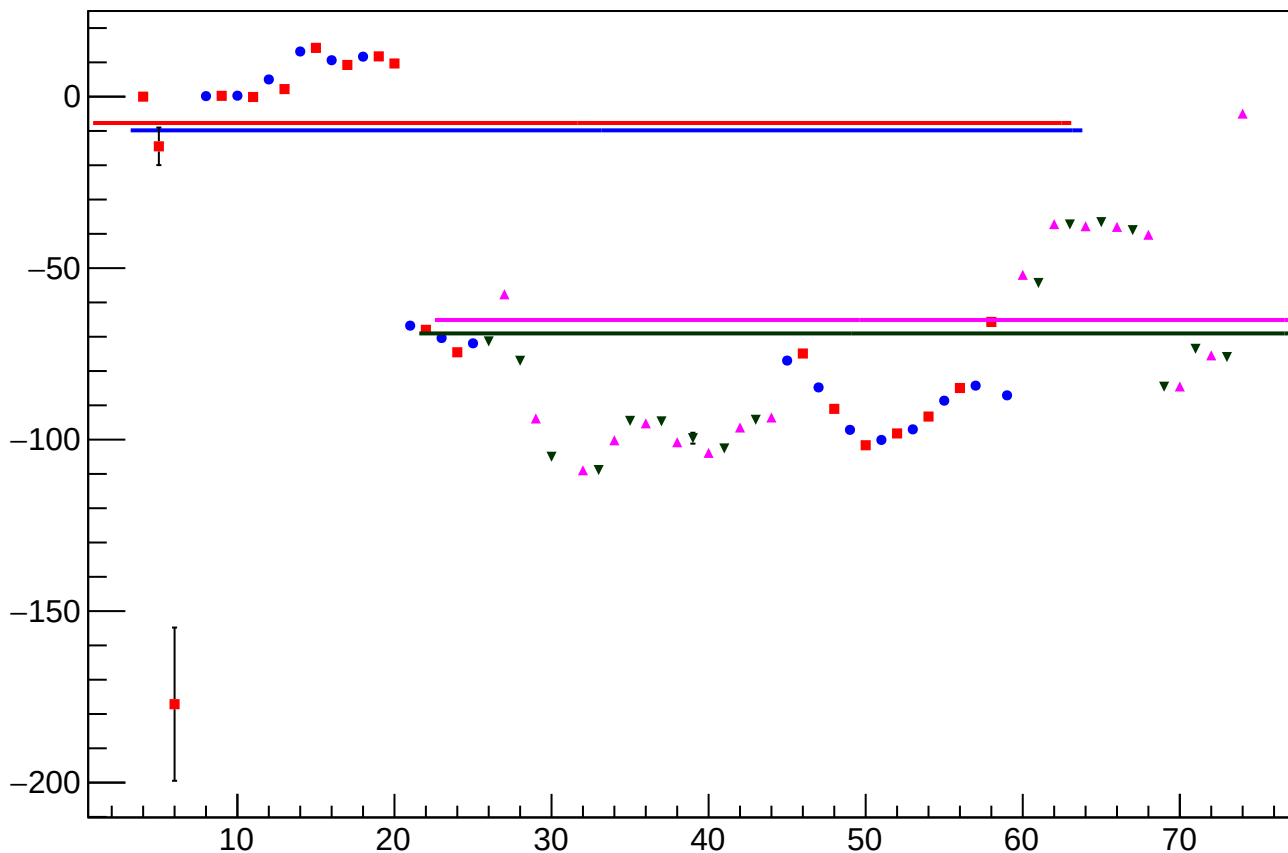
Right Out: 60.759+/-0.063 χ^2/NDF : 387128.2/18

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

104.110+/-0.039 χ^2/NDF : 4111501.7/32

103.044+/-0.052 χ^2/NDF : 2044424.1/35

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

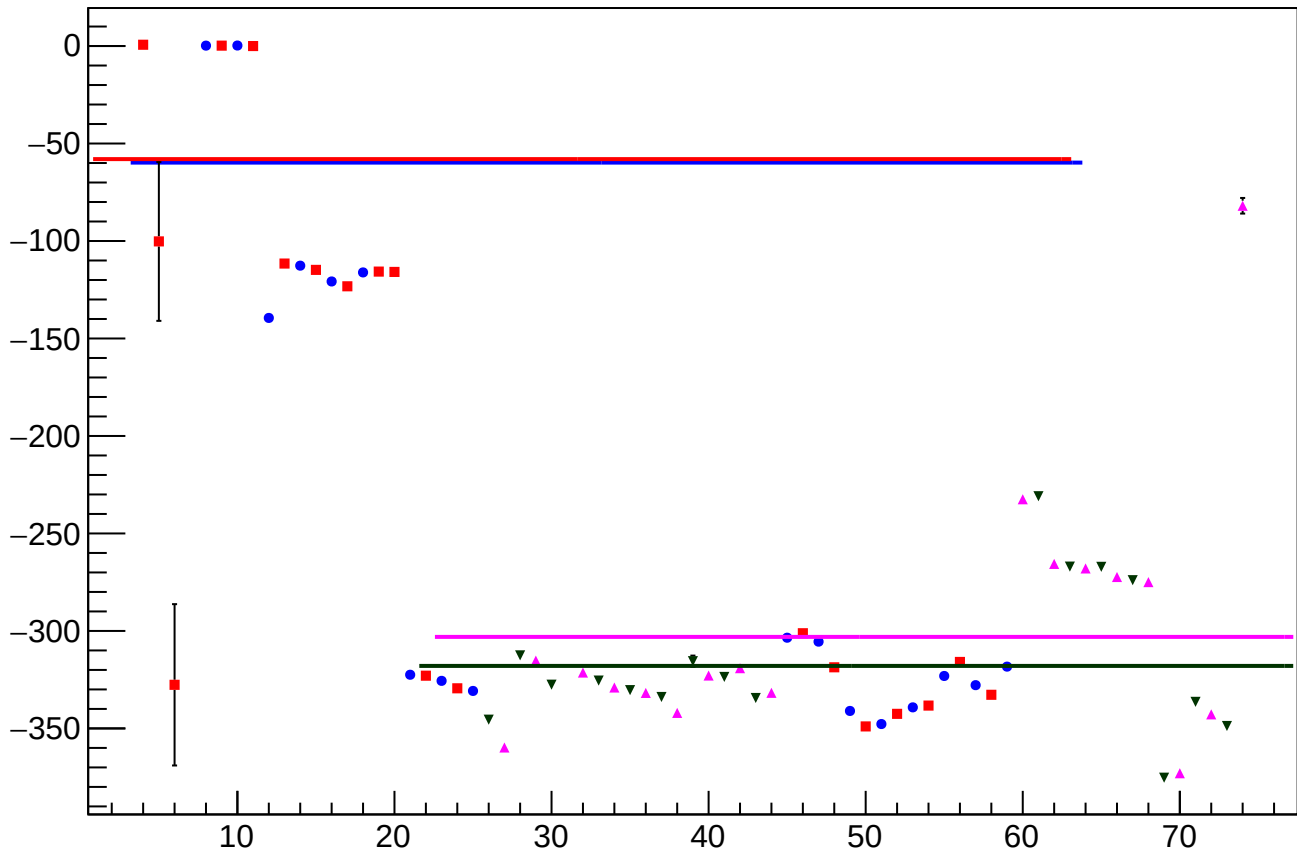
Right Out: -7.677+/-0.009 χ^2/NDF : 8858684.7/18

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

-24.421+/-0.006 χ^2/NDF : 37610155.0/32

-23.868+/-0.008 χ^2/NDF : 23539852.3/35

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

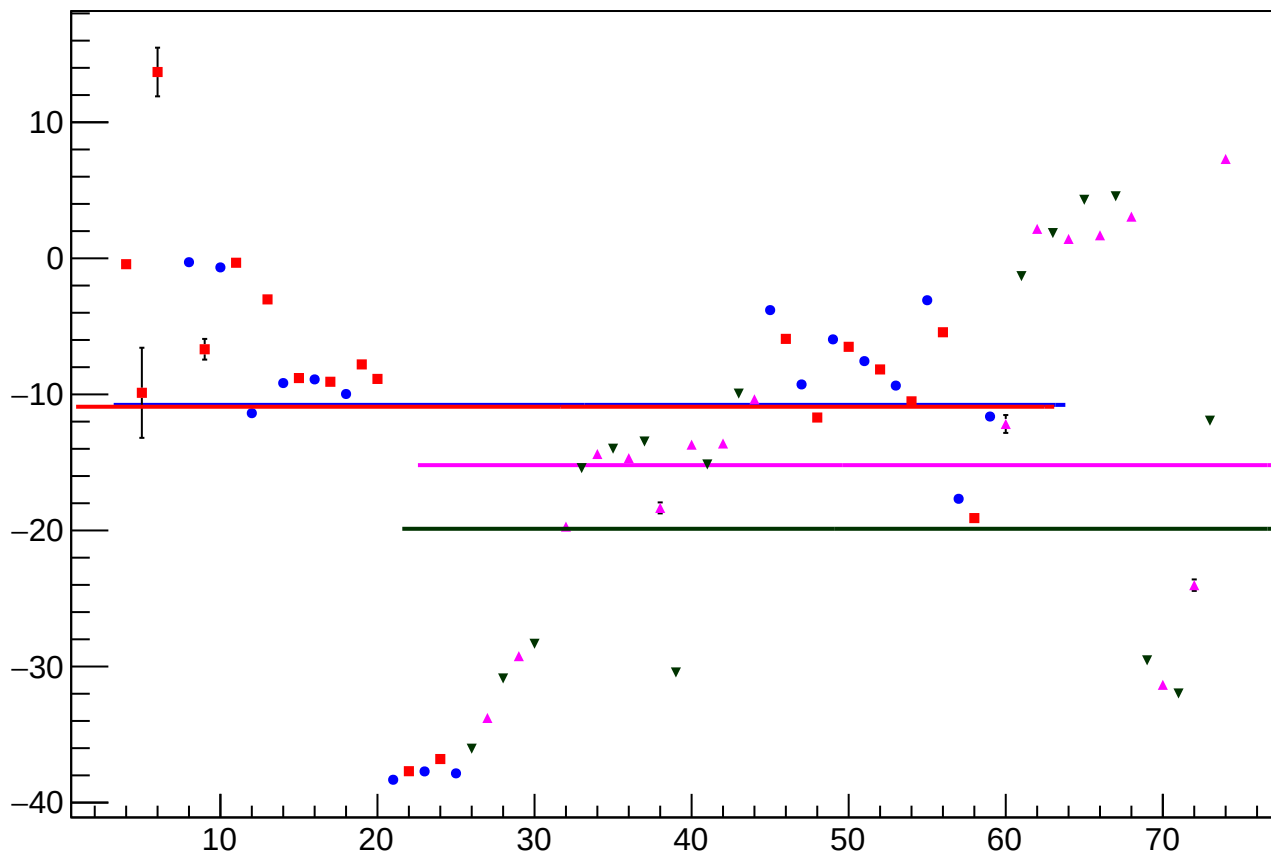
-125.085 $\pm$ 0.008 χ^2 /NDF: 345456691.6/32

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

-104.866 $\pm$ 0.009 χ^2 /NDF: 217971628.4/35

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

dit_atr2_4aY_slope vs slug



Right In: -10.770 ± 0.013 $\chi^2/\text{NDF}: 426497.9/16$

Left Out: -19.877 ± 0.020 $\chi^2/\text{NDF}: 284435.1/15$

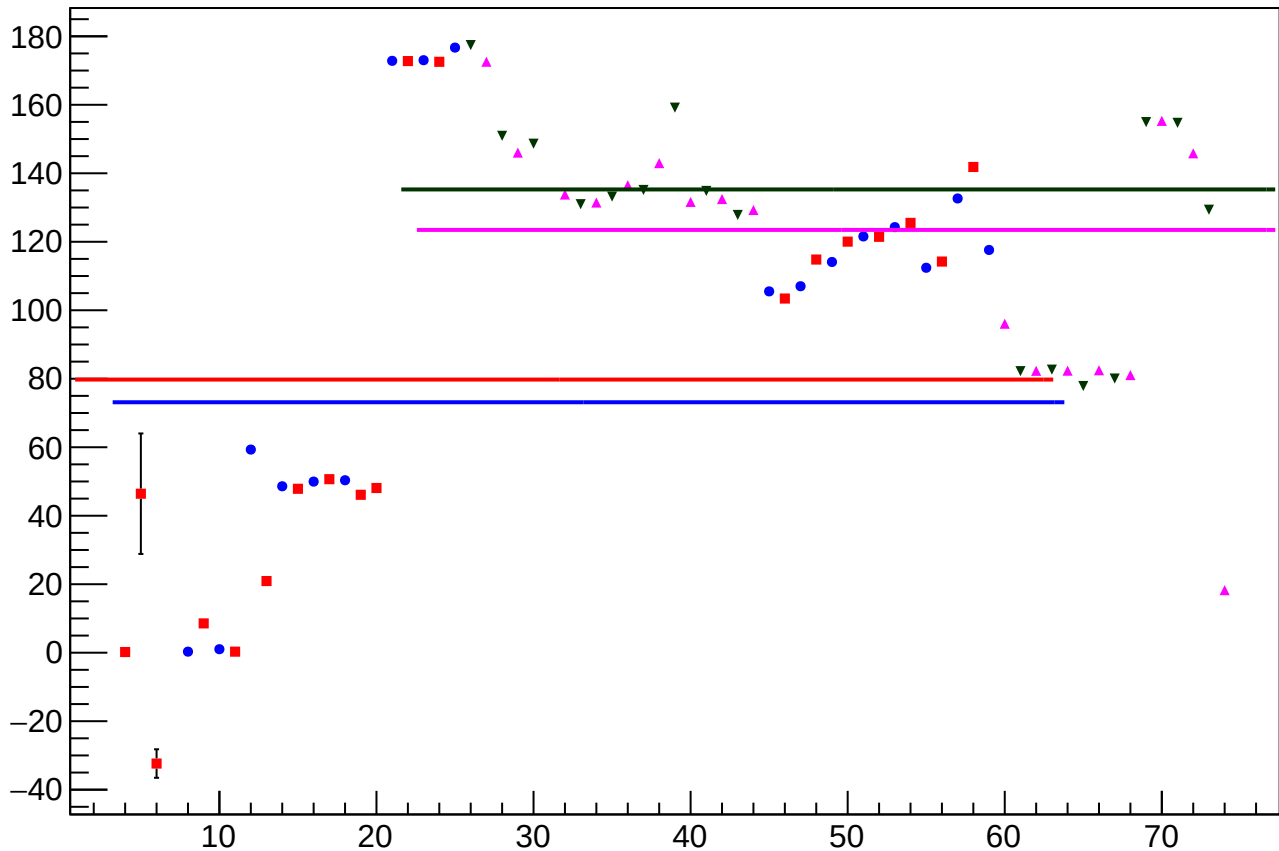
Right Out: -10.907 ± 0.017 $\chi^2/\text{NDF}: 262729.6/18$

Left In: -15.200 ± 0.022 $\chi^2/\text{NDF}: 212459.3/16$

-13.353 ± 0.011 $\chi^2/\text{NDF}: 857901.3/32$

-12.515 ± 0.013 $\chi^2/\text{NDF}: 499315.7/35$

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

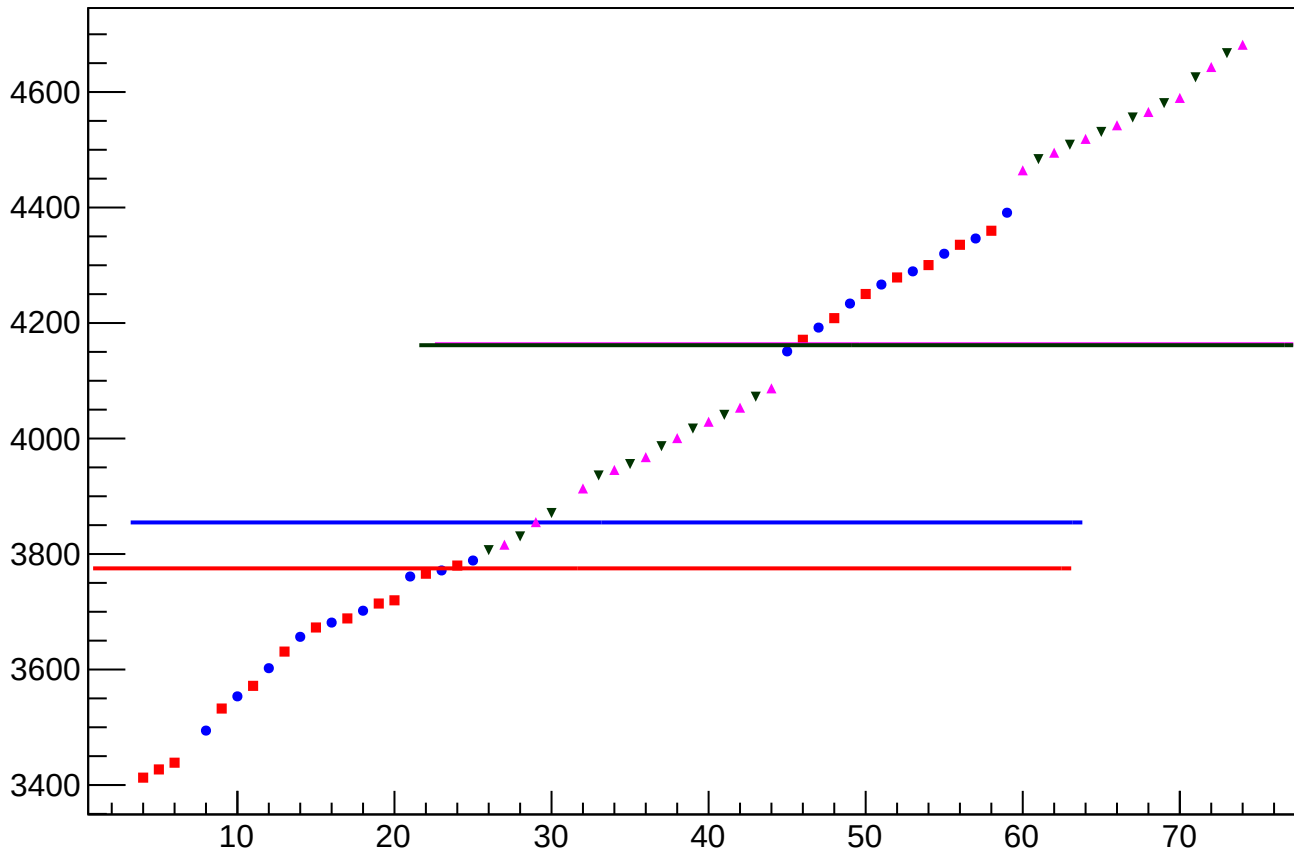
Right Out: 79.762 $\pm$ 0.026 χ^2 /NDF: 3266179.3/18

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

92.339 $\pm$ 0.018 χ^2 /NDF: 8045276.3/32

96.826 $\pm$ 0.020 χ^2 /NDF: 4837854.6/35

dit_run_slope vs slug



Right In: 3854.684+/-0.017 χ^2/NDF : 199352351.1/16

Left Out: 4161.590+/-0.022 χ^2/NDF : 215651235.3/15

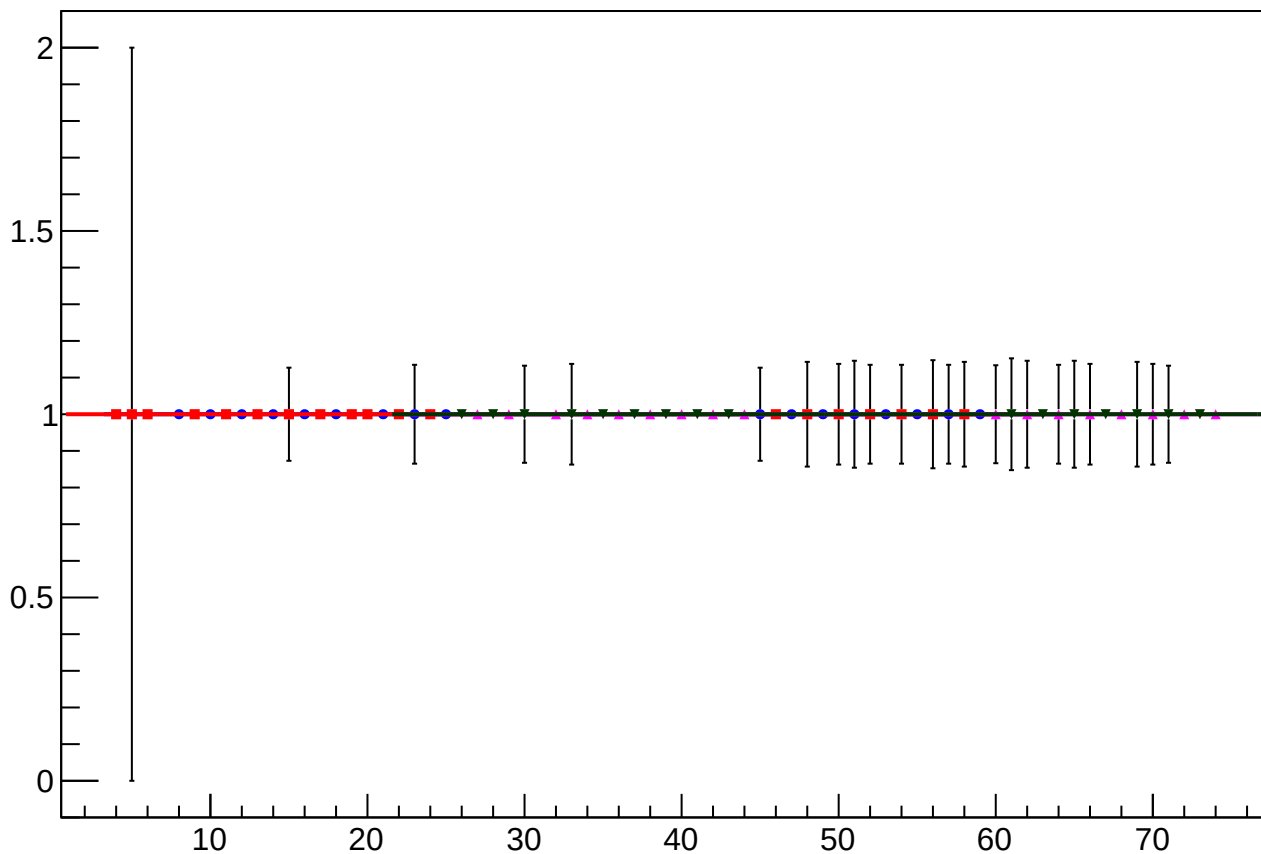
3967.826+/-0.014 χ^2/NDF : 533507242.9/32

Right Out: 3775.151+/-0.016 χ^2/NDF : 207652262.9/18

3896.668+/-0.014 χ^2/NDF : 554653633.3/35

Left In: 4163.232+/-0.024 χ^2/NDF : 169537070.1/16

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

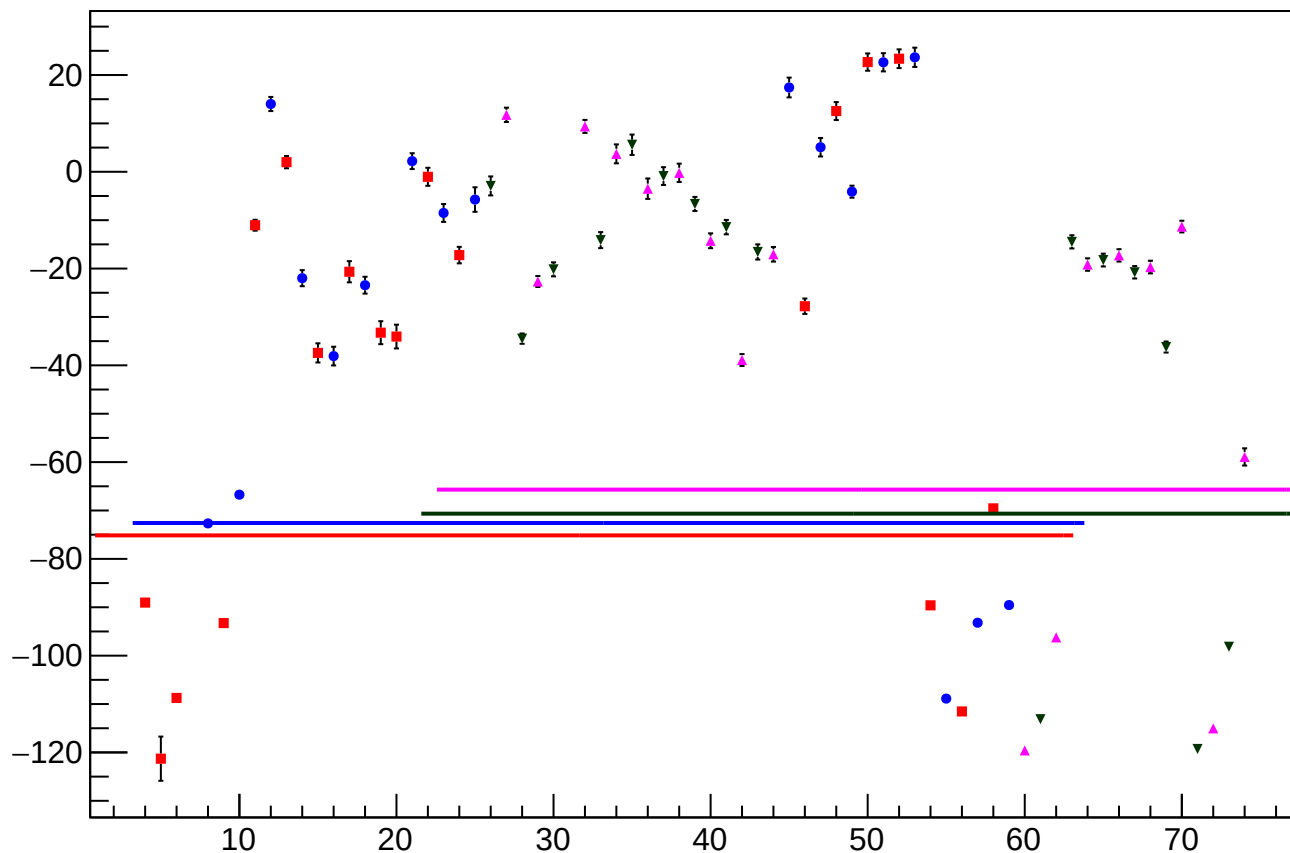
Right Out: 1.000+/-0.000 χ^2/NDF : 1333.3/18

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

1.000+/-0.000 χ^2/NDF : 3302.2/32

1.000+/-0.000 χ^2/NDF : 1390.5/35

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -72.581 ± 0.214 χ^2/NDF : 29166.0/16

Left Out: -70.653 ± 0.268 χ^2/NDF : 32281.5/15

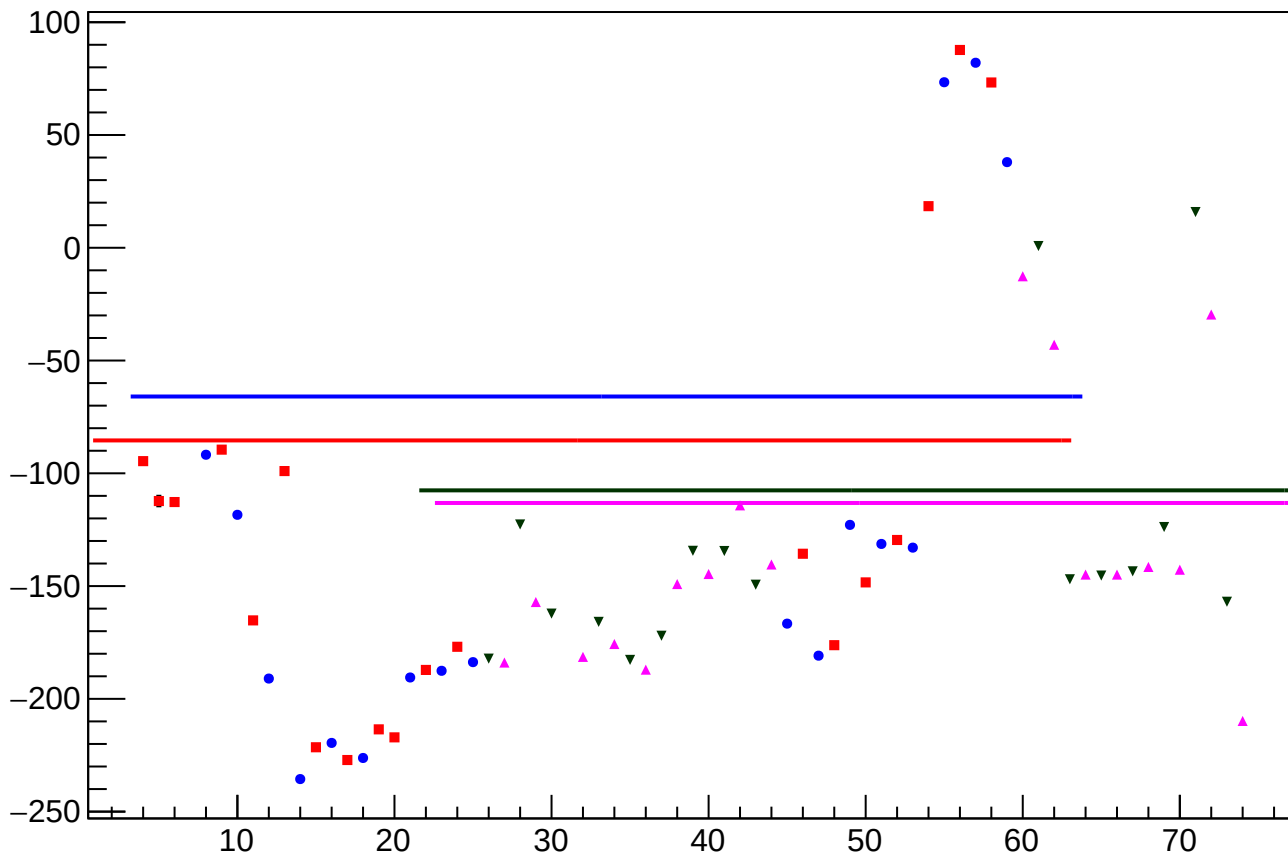
Right Out: -75.144 ± 0.234 χ^2/NDF : 28663.9/18

Left In: -65.685 ± 0.265 χ^2/NDF : 35918.2/16

-71.830 ± 0.167 χ^2/NDF : 61479.1/32

-70.991 ± 0.175 χ^2/NDF : 65299.4/35

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

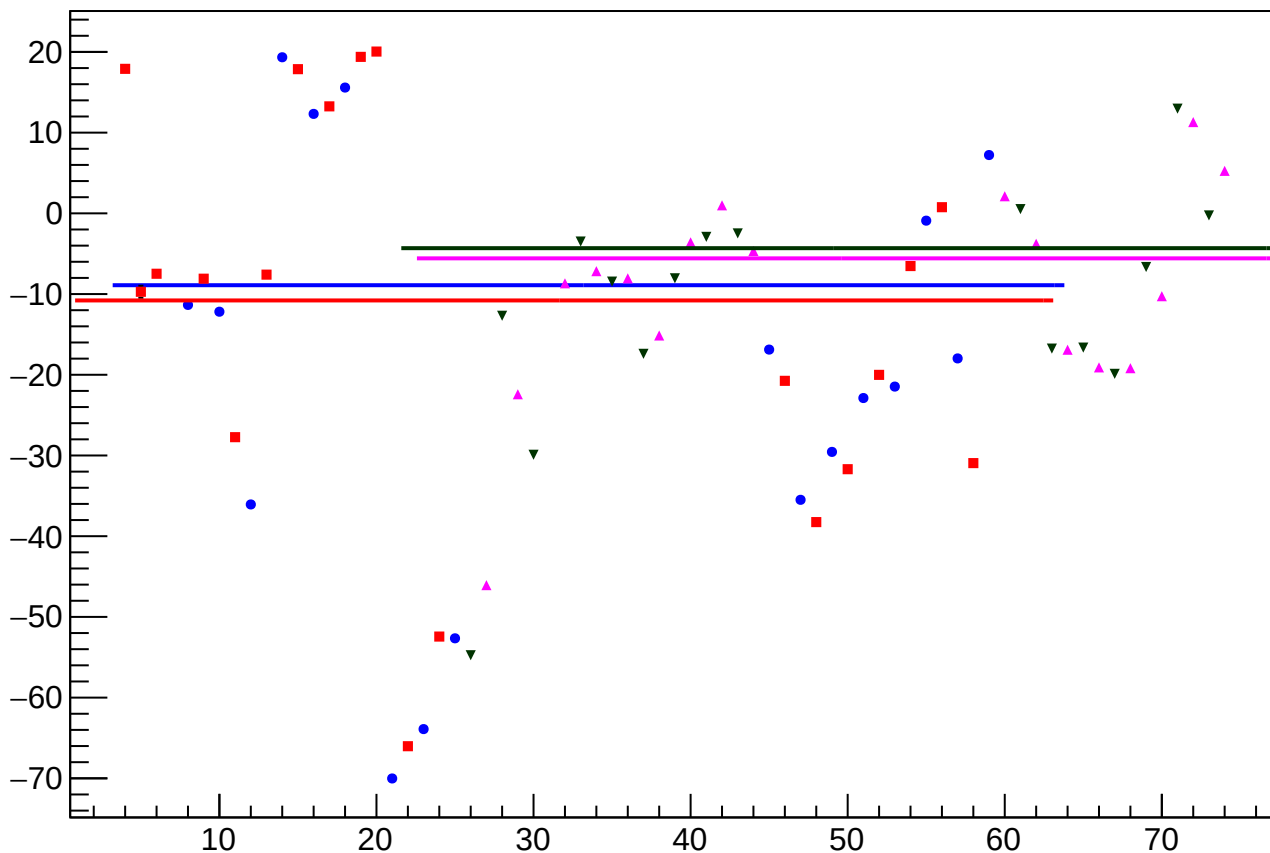
Right Out: -85.421 $\pm$ 0.166 χ^2 /NDF: 255528.9/18

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

-77.478 $\pm$ 0.149 χ^2 /NDF: 381000.4/32

-93.163 $\pm$ 0.141 χ^2 /NDF: 322381.1/35

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -8.904 ± 0.037 $\chi^2/\text{NDF}: 185870.1/16$

Left Out: -4.315 ± 0.048 $\chi^2/\text{NDF}: 83601.9/15$

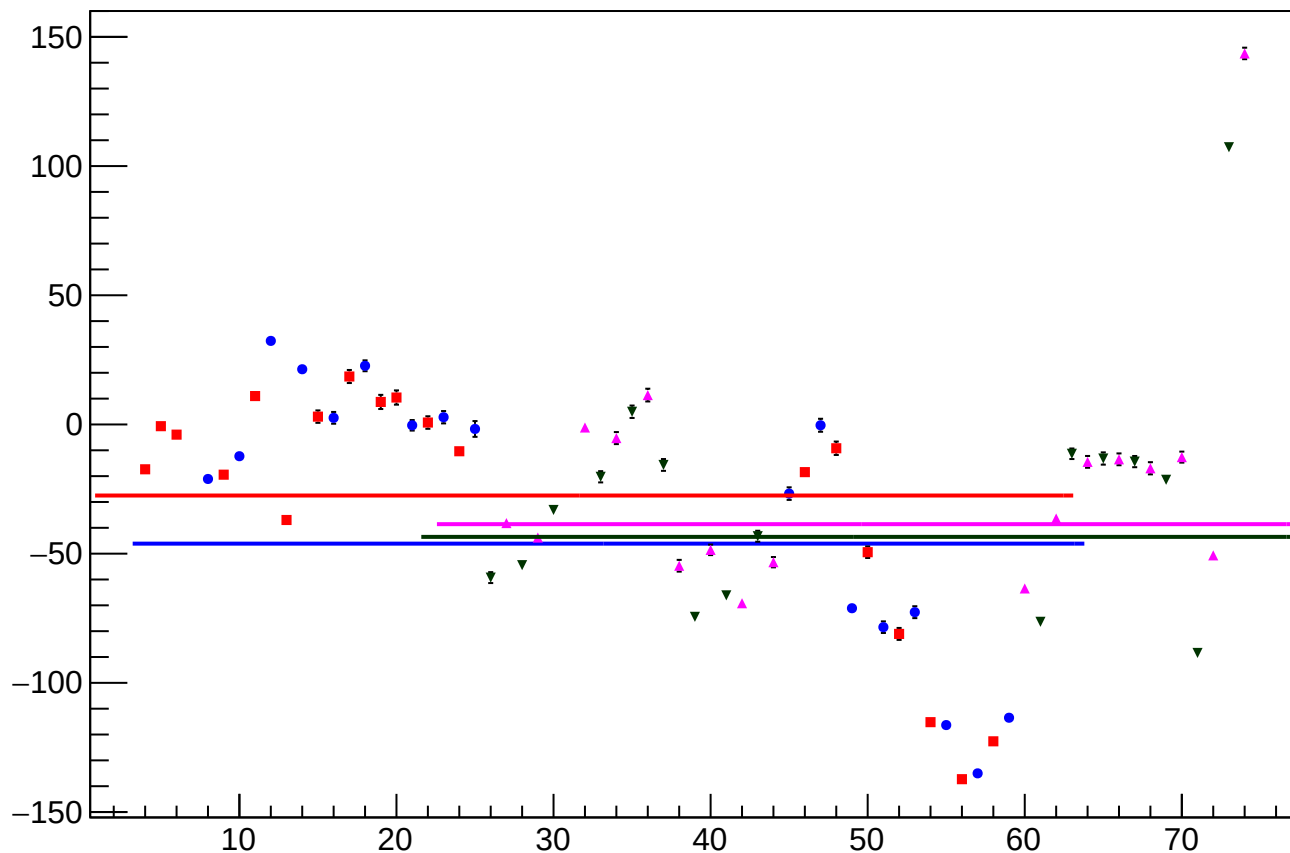
Right Out: -10.790 ± 0.040 $\chi^2/\text{NDF}: 177304.8/18$

Left In: -5.577 ± 0.047 $\chi^2/\text{NDF}: 67652.3/16$

-7.208 ± 0.029 $\chi^2/\text{NDF}: 275231.3/32$

-8.615 ± 0.030 $\chi^2/\text{NDF}: 252088.7/35$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -46.123 ± 0.175 $\chi^2/\text{NDF}: 75690.0/16$

Left Out: -43.507 ± 0.369 $\chi^2/\text{NDF}: 22425.5/15$

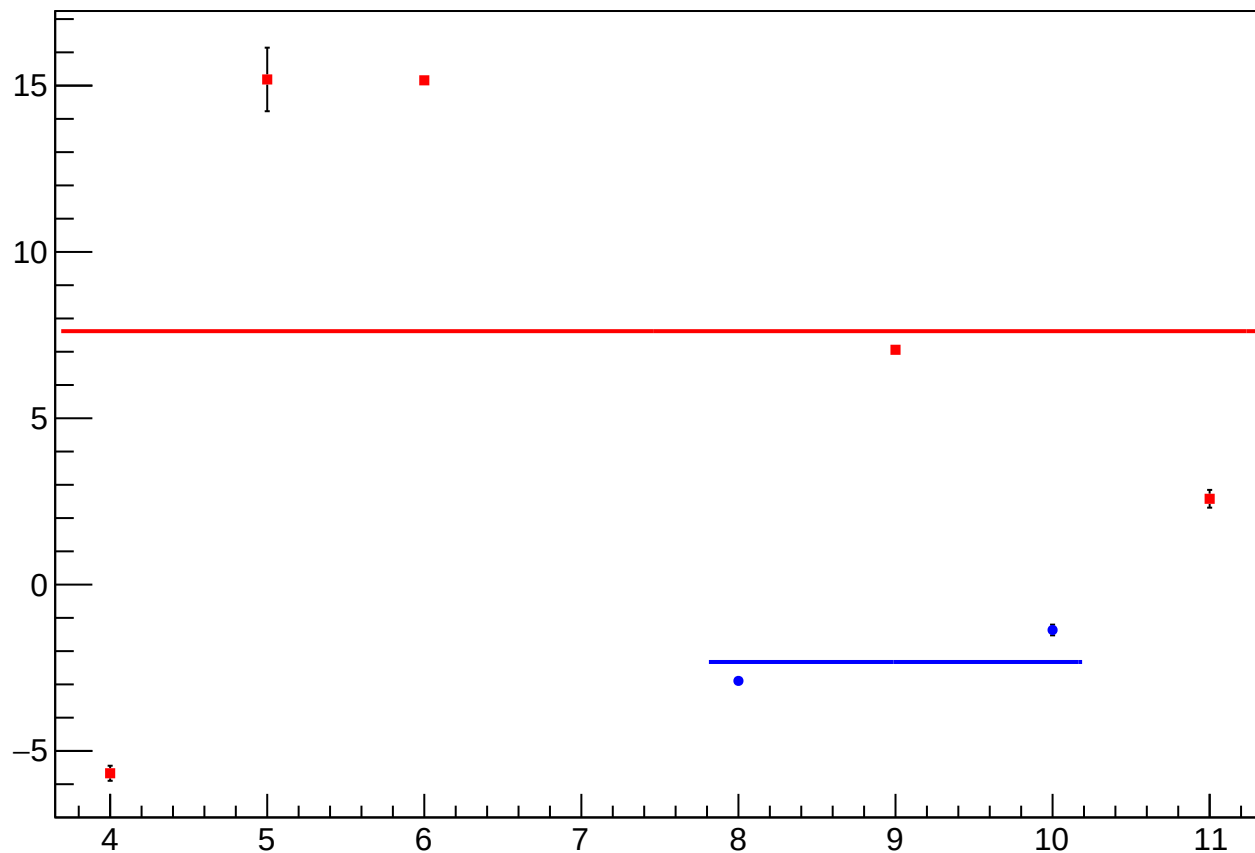
Right Out: -27.499 ± 0.150 $\chi^2/\text{NDF}: 73481.9/18$

Left In: -38.585 ± 0.342 $\chi^2/\text{NDF}: 10029.5/16$

-45.644 ± 0.158 $\chi^2/\text{NDF}: 98156.5/32$

-29.275 ± 0.137 $\chi^2/\text{NDF}: 84391.5/35$

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

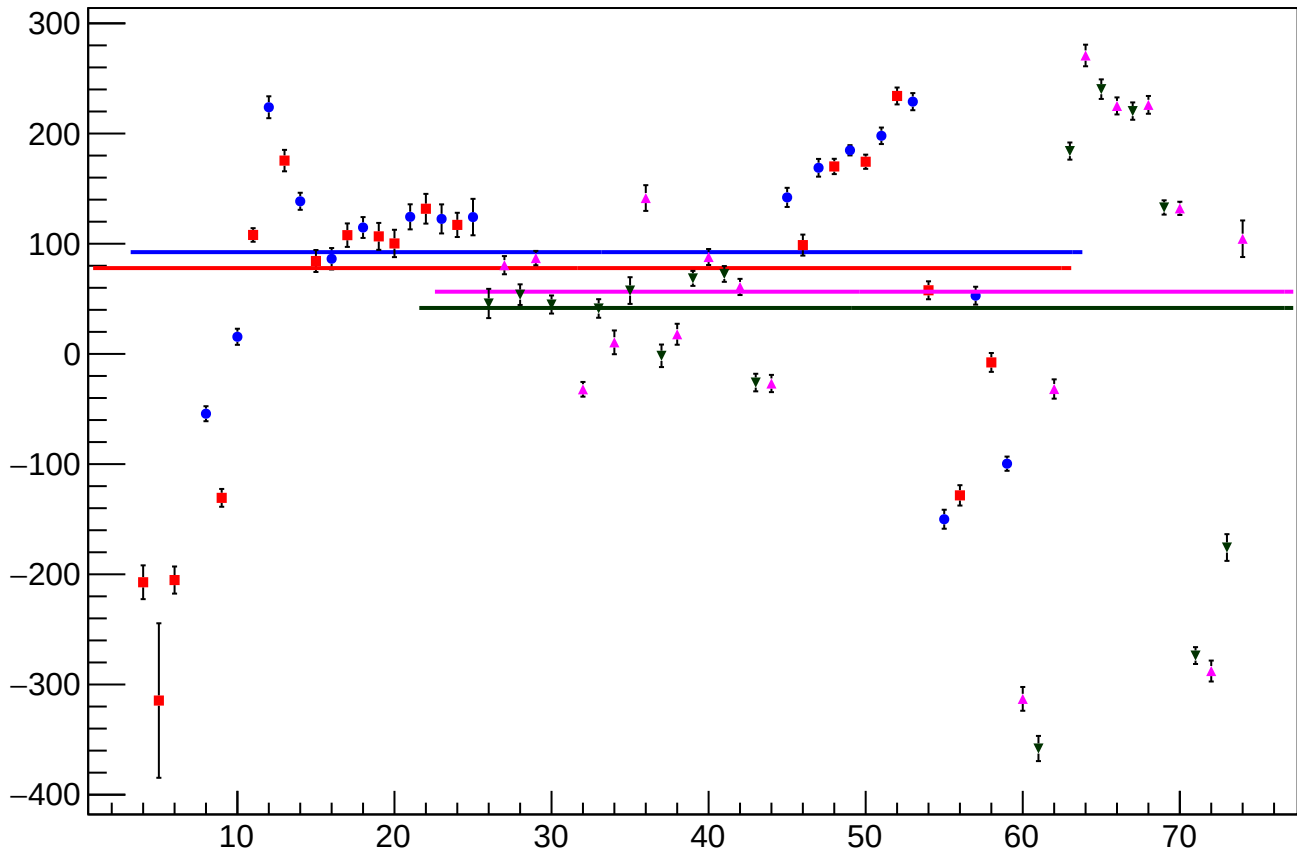
Right Out: 7.619+/-0.085 χ^2/NDF : 6540.6/4

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

-2.326+/-0.098 χ^2/NDF : 56.7/1

7.619+/-0.085 χ^2/NDF : 6540.6/4

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 92.369+/-1.931 χ^2/NDF : 3536.4/16

Left Out: 41.712+/-2.132 χ^2/NDF : 4921.6/15

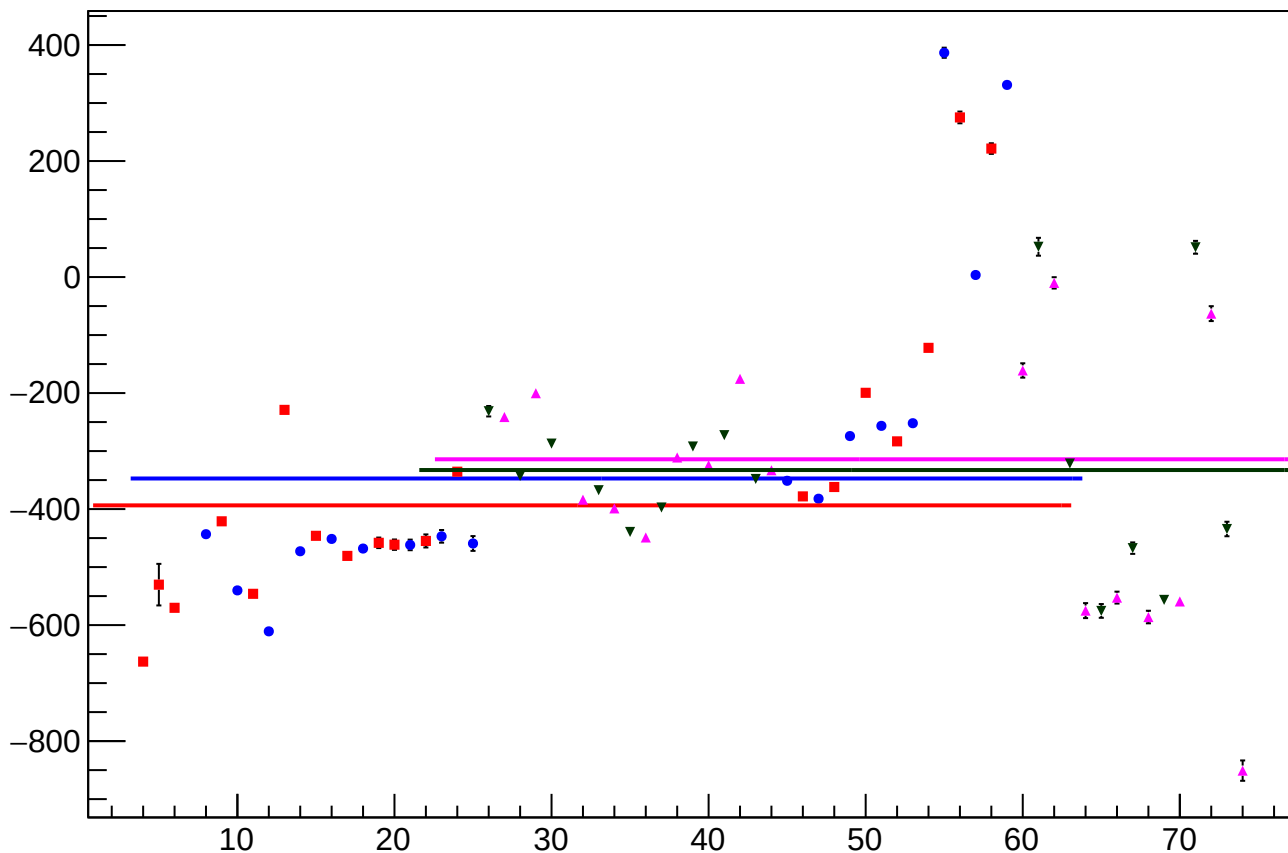
Right Out: 77.890+/-2.121 χ^2/NDF : 3166.8/18

Left In: 56.462+/-2.007 χ^2/NDF : 4576.6/16

69.544+/-1.431 χ^2/NDF : 8768.1/32

66.587+/-1.458 χ^2/NDF : 7797.3/35

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -347.274 ± 1.413 $\chi^2/\text{NDF}: 25938.5/16$

Left Out: -332.678 ± 1.903 $\chi^2/\text{NDF}: 3859.2/15$

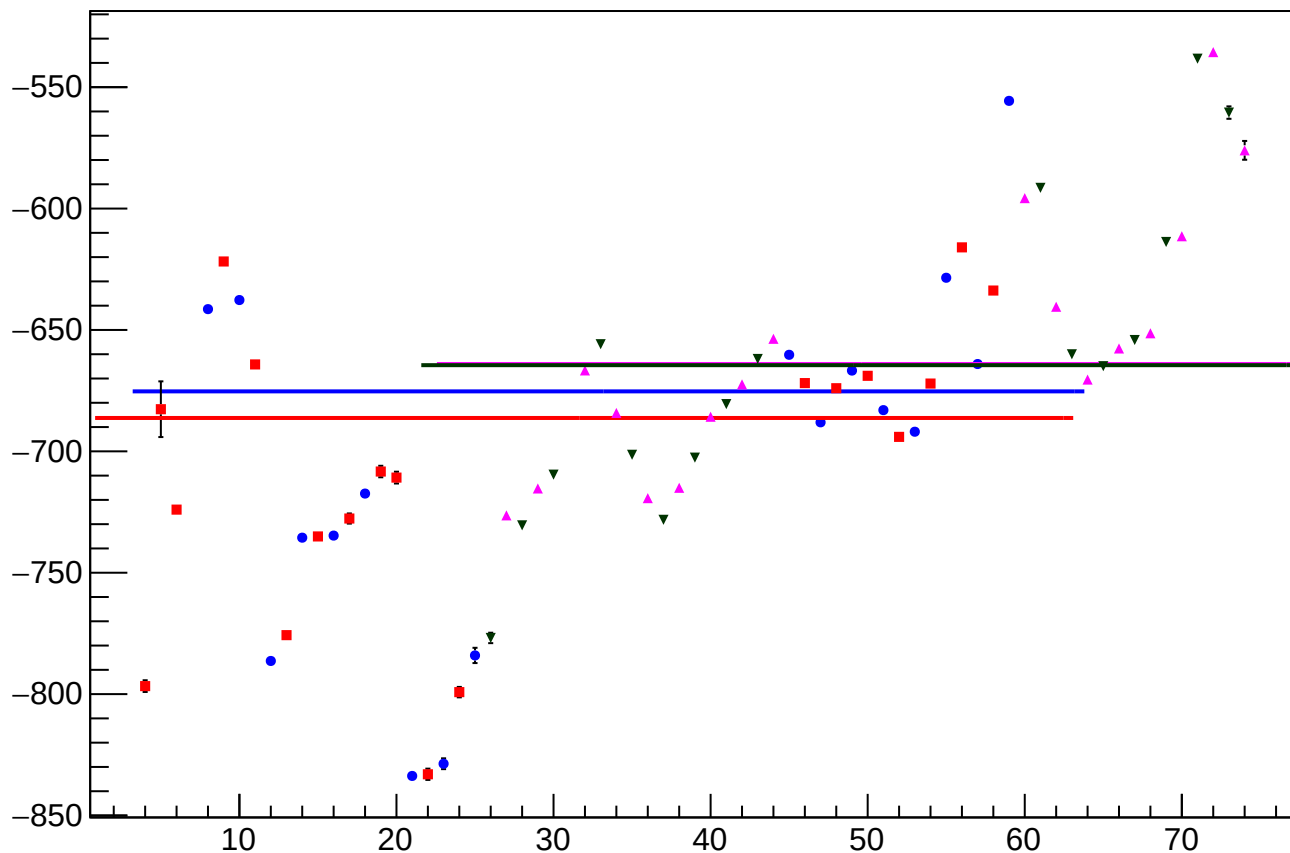
Right Out: -393.604 ± 1.370 $\chi^2/\text{NDF}: 20238.2/18$

Left In: -314.169 ± 1.737 $\chi^2/\text{NDF}: 7045.0/16$

-342.086 ± 1.134 $\chi^2/\text{NDF}: 29835.7/32$

-363.149 ± 1.076 $\chi^2/\text{NDF}: 28572.1/35$

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

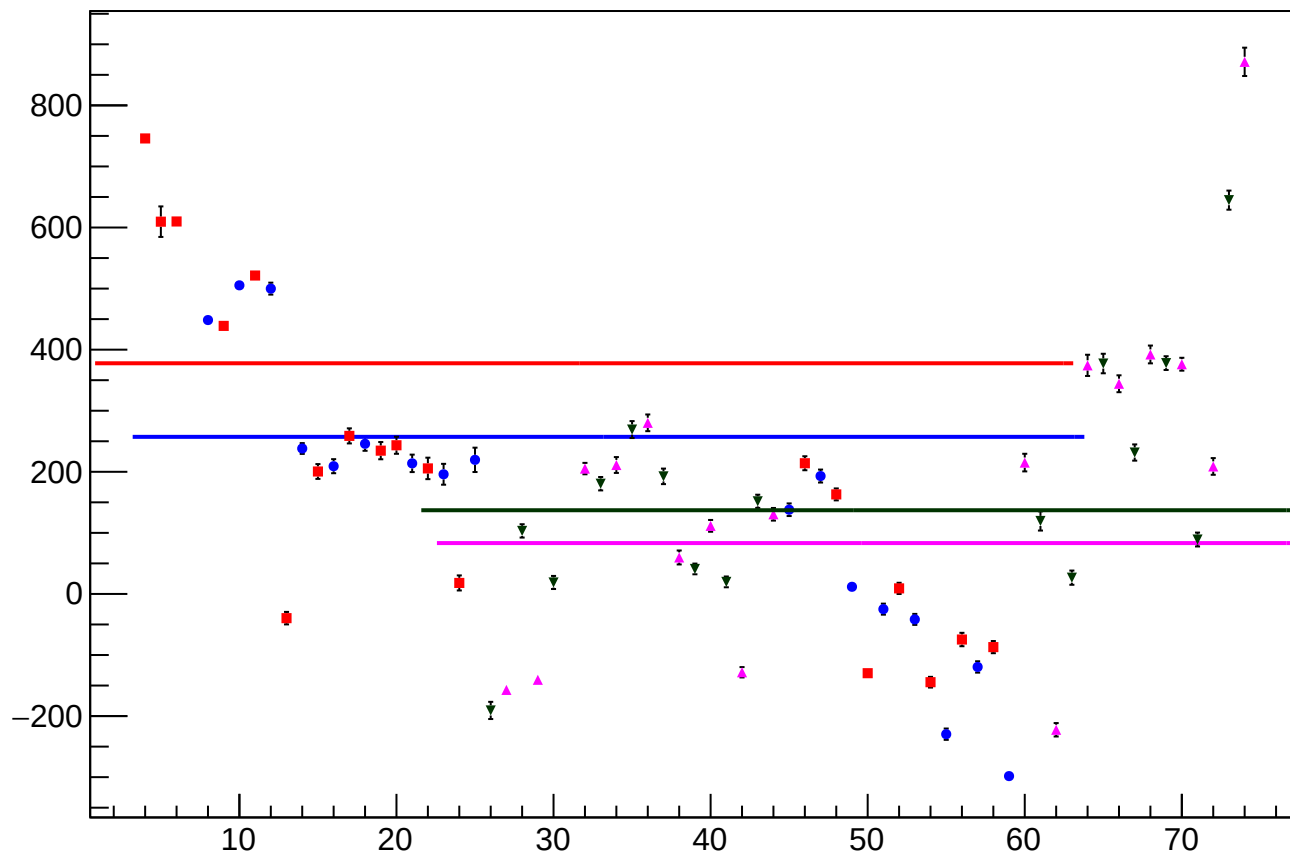
Right Out: -686.255+/-0.374 χ^2/NDF : 19379.8/18

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

-670.222+/-0.252 χ^2/NDF : 53918.7/32

-674.367+/-0.255 χ^2/NDF : 36119.6/35

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

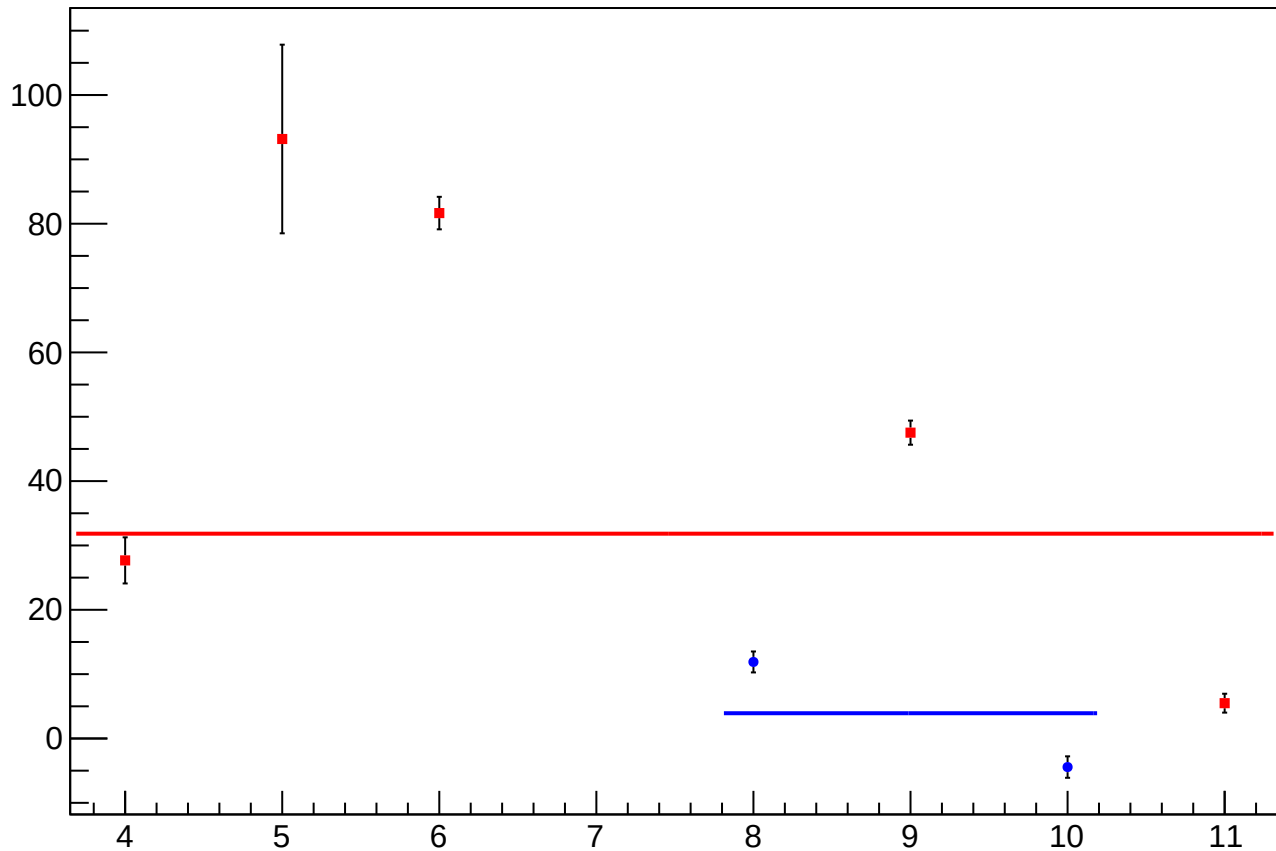
Right Out: 377.710 $\pm$ 1.715 χ^2 /NDF: 27039.3/18

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

224.080 $\pm$ 1.537 χ^2 /NDF: 25565.8/32

292.174 $\pm$ 1.445 χ^2 /NDF: 42419.0/35

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

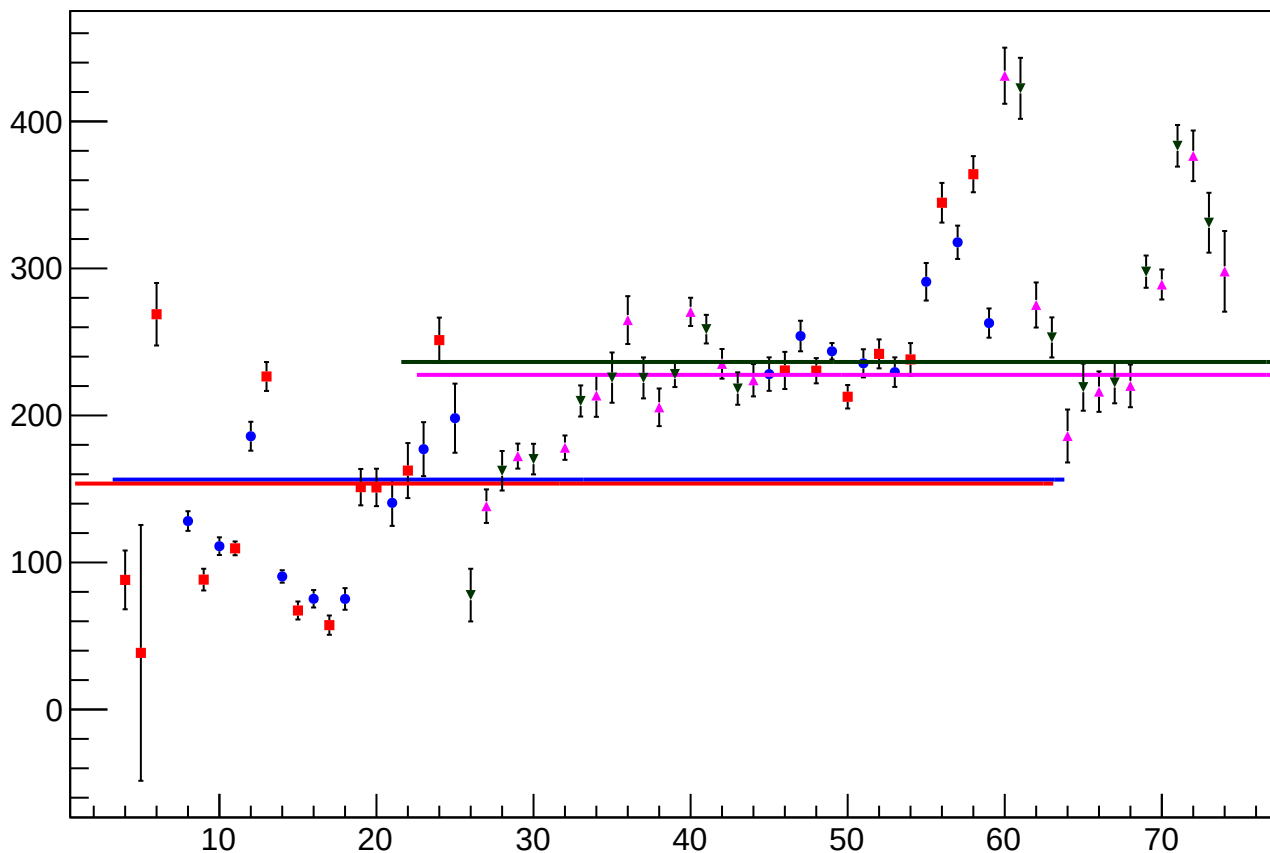
Right Out: 31.829+/-1.006 χ^2/NDF : 800.1/4

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

3.926+/-1.165 χ^2/NDF : 49.1/1

31.829+/-1.006 χ^2/NDF : 800.1/4

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

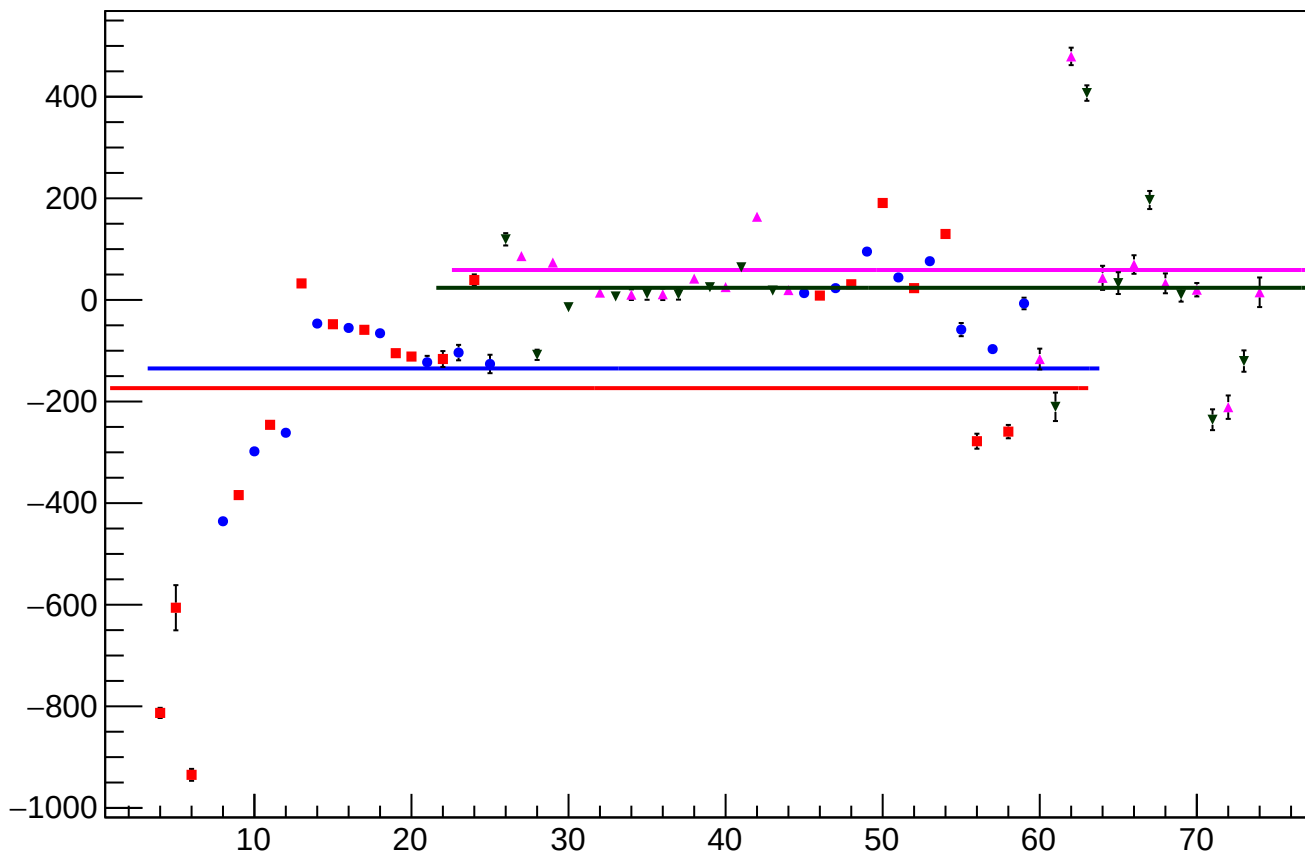
Right Out: 153.657 $\pm$ 2.158 χ^2 /NDF: 1521.4/18

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

178.113 $\pm$ 1.655 χ^2 /NDF: 2434.2/32

179.319 $\pm$ 1.744 χ^2 /NDF: 2345.1/35

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -134.877+/-1.342 χ^2 /NDF: 14913.4/16

Left Out: 23.863+/-2.676 χ^2 /NDF:1300.6/15

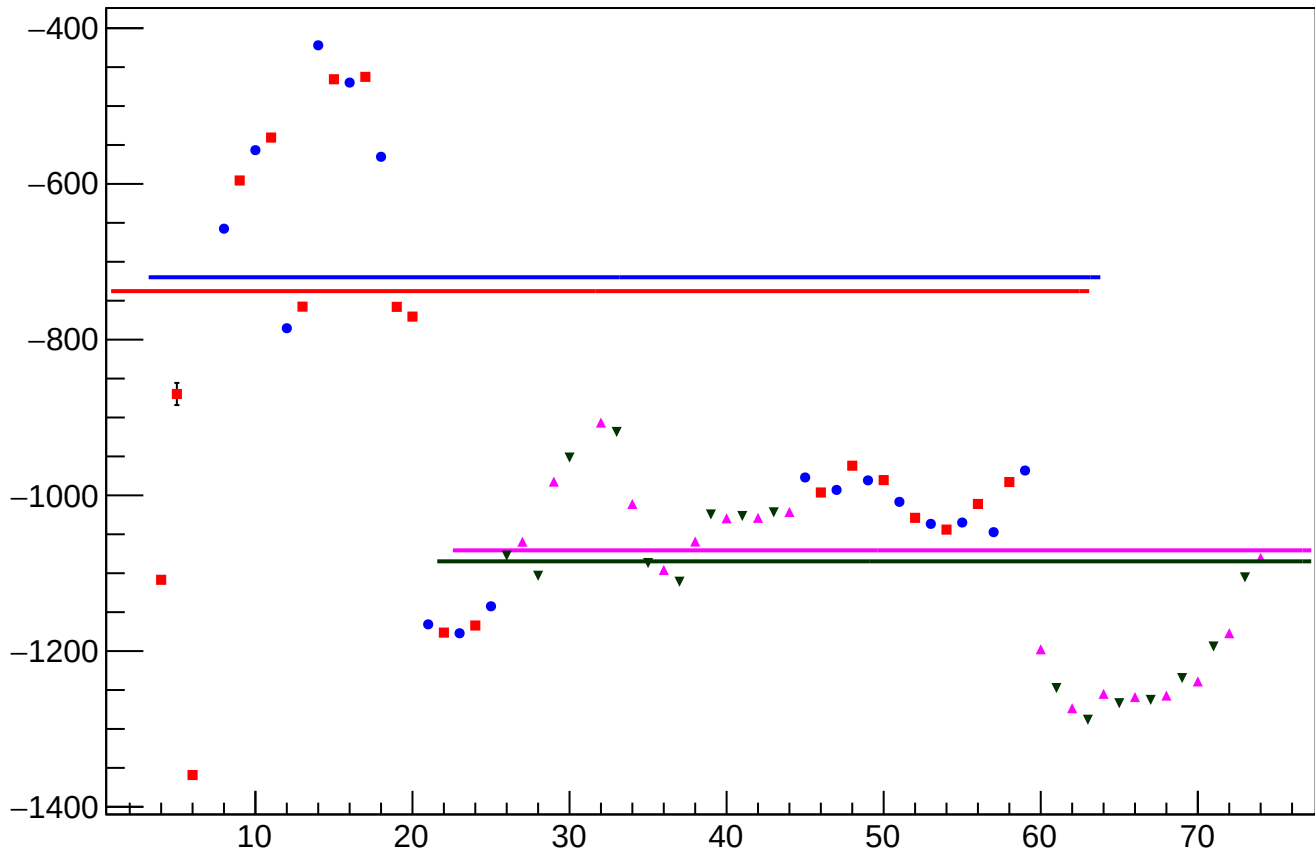
Right Out: -173.637+/-1.277 χ^2 /NDF: 21765.9/18

Left In: 58.914+/-2.436 χ^2 /NDF:1186.7/16

-102.979+/-1.200 χ^2 /NDF: 19025.6/32

-123.466+/-1.131 χ^2 /NDF: 30101.7/35

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -719.883+/-0.353 χ^2/NDF : 505063.2/16

Left Out: -1084.743+/-0.543 χ^2/NDF : 47269.8/15

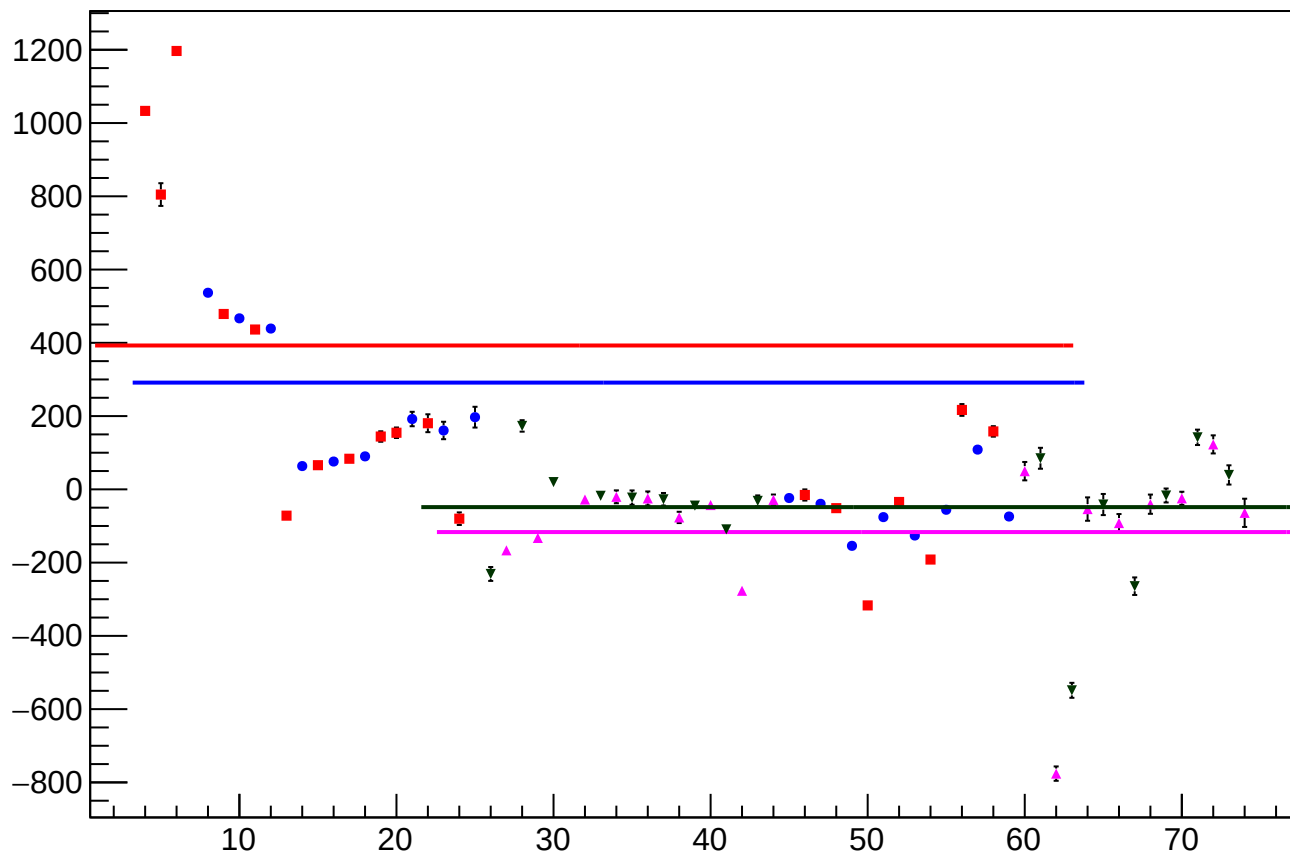
Right Out: -737.703+/-0.386 χ^2/NDF : 403626.1/18

Left In: -1070.621+/-0.512 χ^2/NDF : 54502.0/16

-828.221+/-0.296 χ^2/NDF : 869968.9/32

-858.391+/-0.309 χ^2/NDF : 727196.4/35

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 $\chi^2/\text{NDF}: 1150.6/15$

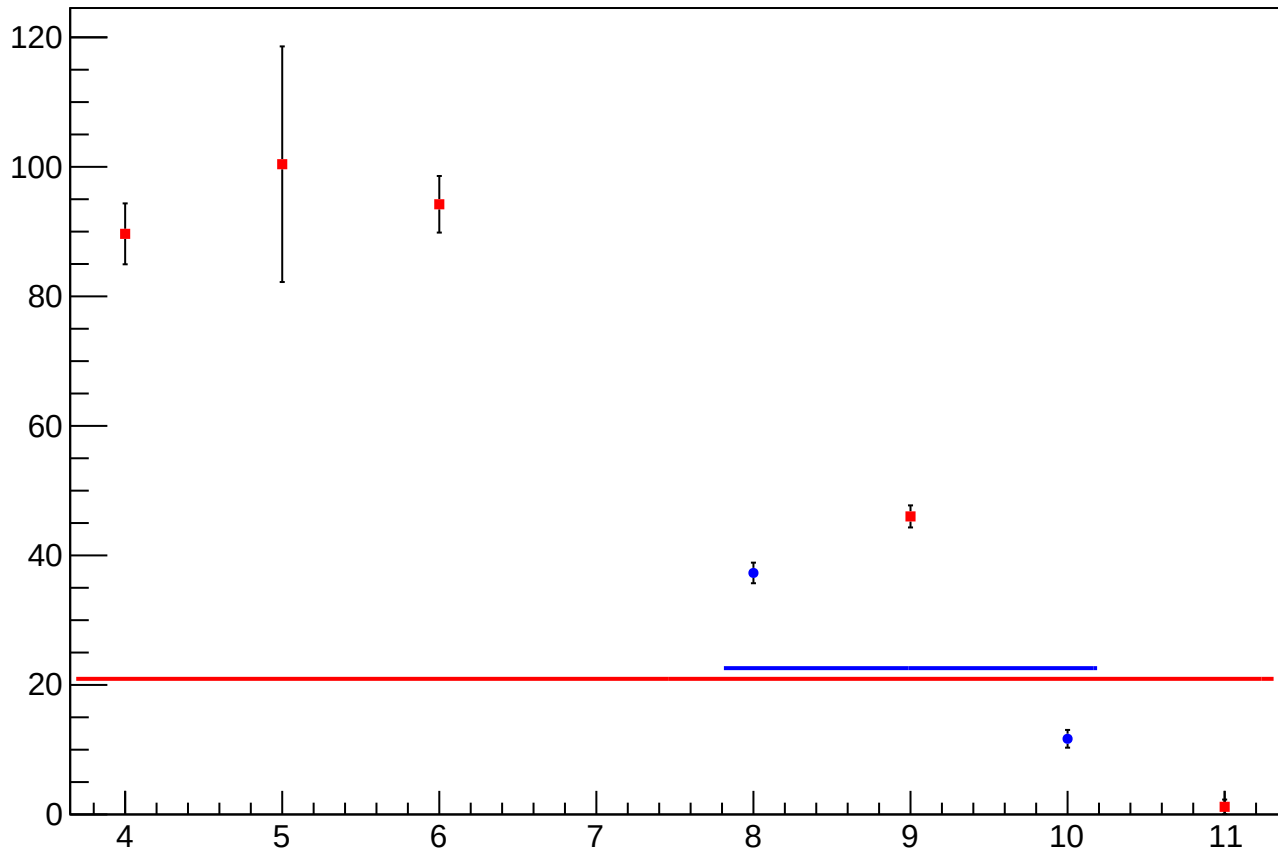
Right Out: 392.717 ± 1.682 $\chi^2/\text{NDF}: 38797.1/18$

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

243.473 ± 1.593 $\chi^2/\text{NDF}: 27097.3/32$

311.654 ± 1.542 $\chi^2/\text{NDF}: 55105.7/35$

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

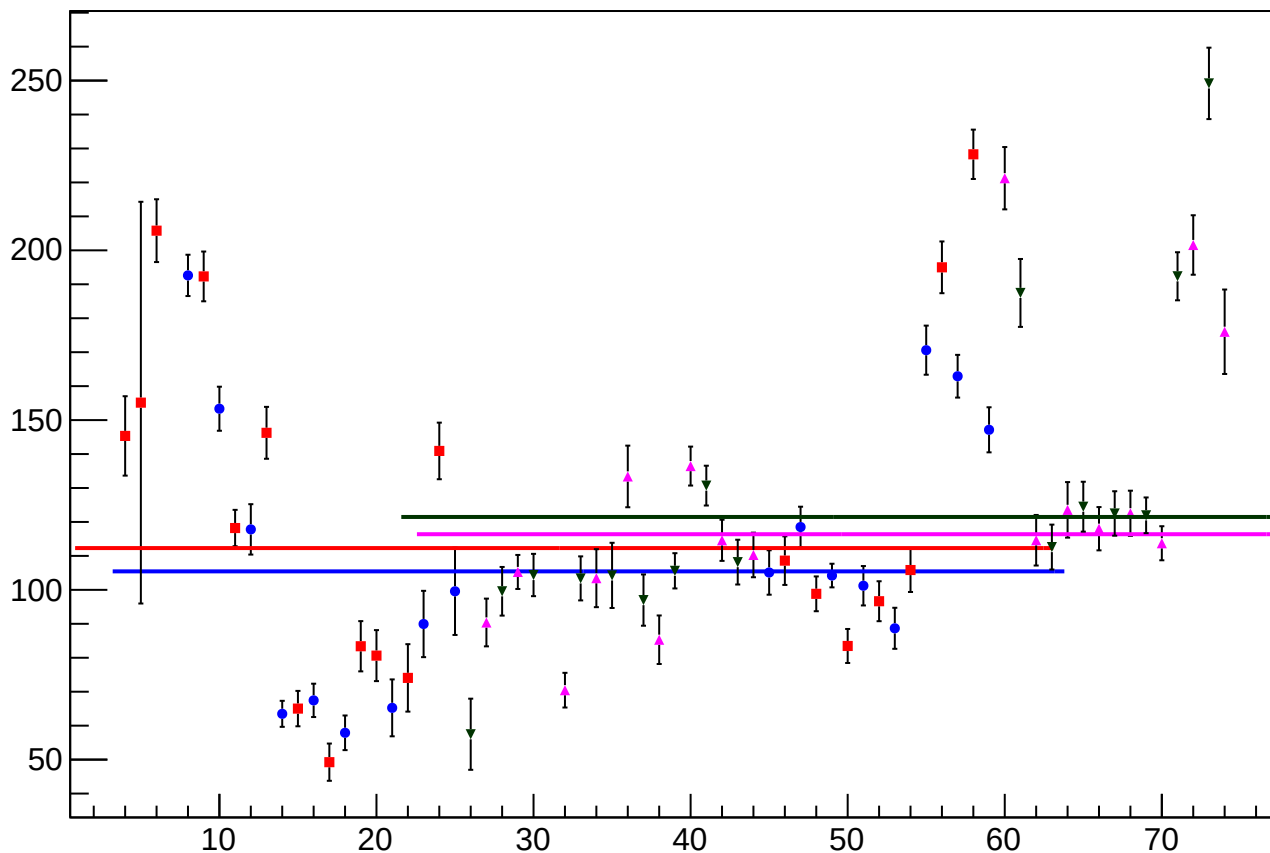
Right Out: 20.941+/-0.896 χ^2 /NDF: 1043.2/4

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

22.593+/-1.038 χ^2 /NDF: 149.0/1

20.941+/-0.896 χ^2 /NDF: 1043.2/4

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

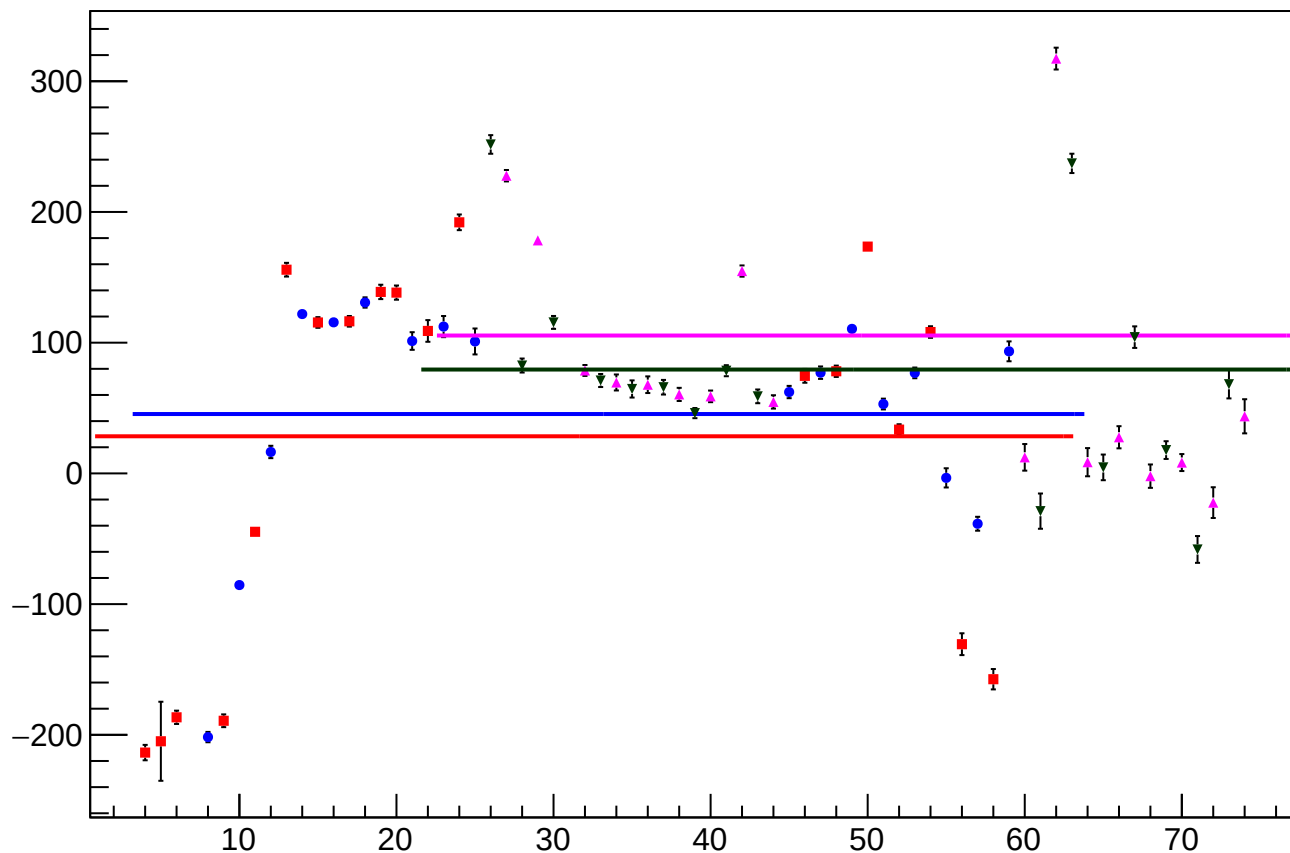
Right Out: 112.305 $\pm$ 1.568 χ^2 /NDF: 945.7/18

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

111.836 $\pm$ 1.090 χ^2 /NDF: 1208.9/32

114.266 $\pm$ 1.130 χ^2 /NDF: 1336.5/35

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

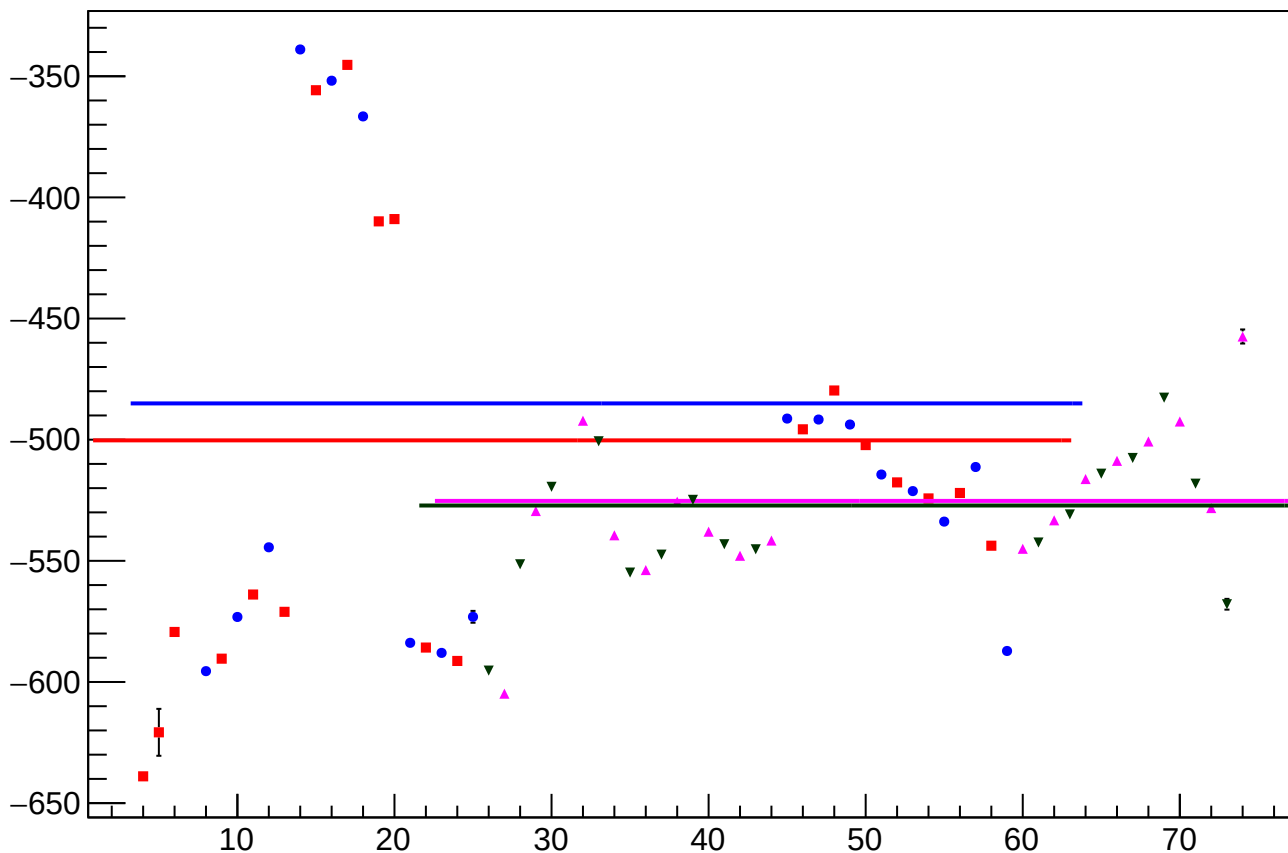
Right Out: 28.391+/-1.050 χ^2/NDF : 12829.4/18

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

56.285+/-0.854 χ^2/NDF : 10560.3/32

56.116+/-0.840 χ^2/NDF : 17855.7/35

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

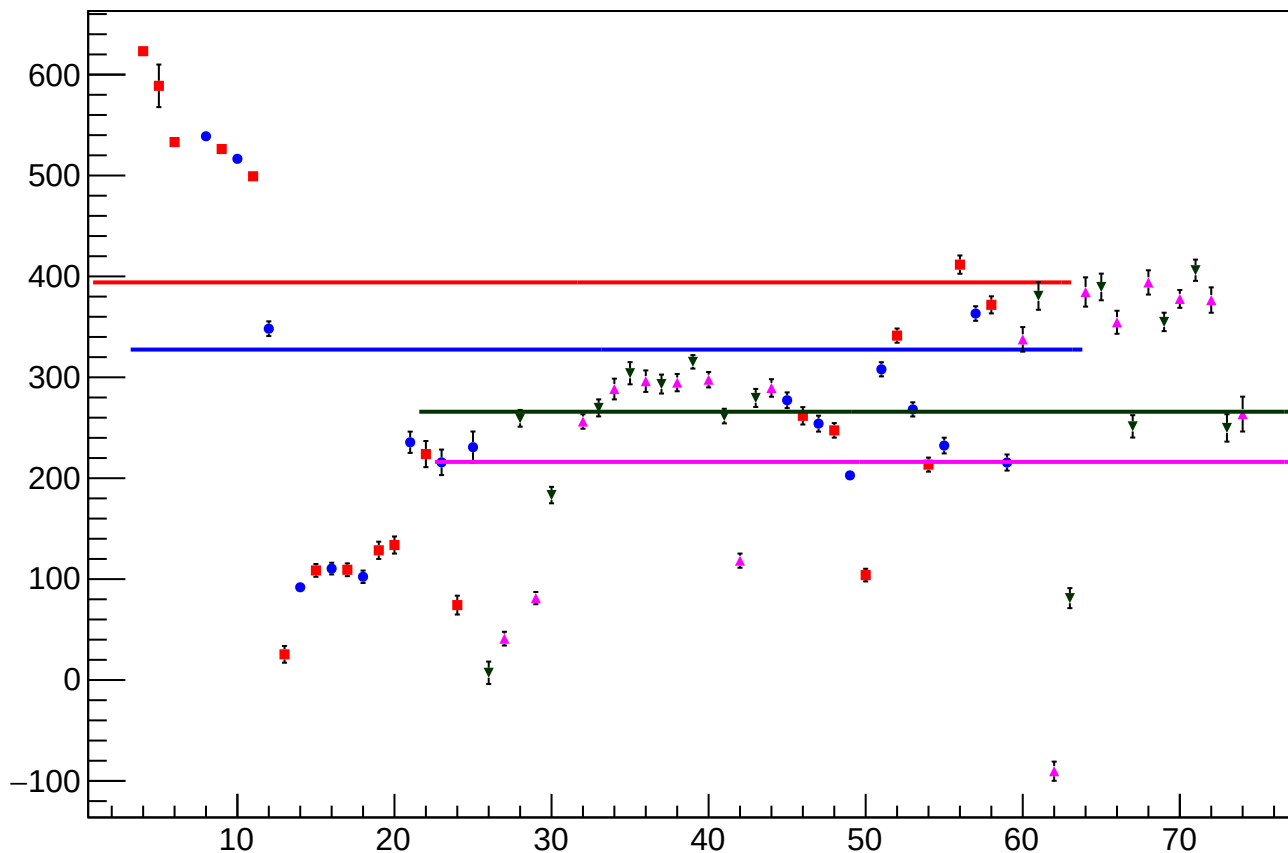
Right Out: -500.279 ± 0.280 χ^2/NDF : 79227.0/18

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

-503.069 ± 0.194 χ^2/NDF : 133451.4/32

-512.653 ± 0.199 χ^2/NDF : 92801.4/35

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 327.499 $\pm$ 1.410 χ^2 /NDF: 14677.1/16

Left Out: 265.894 $\pm$ 2.351 χ^2 /NDF:1504.1/15

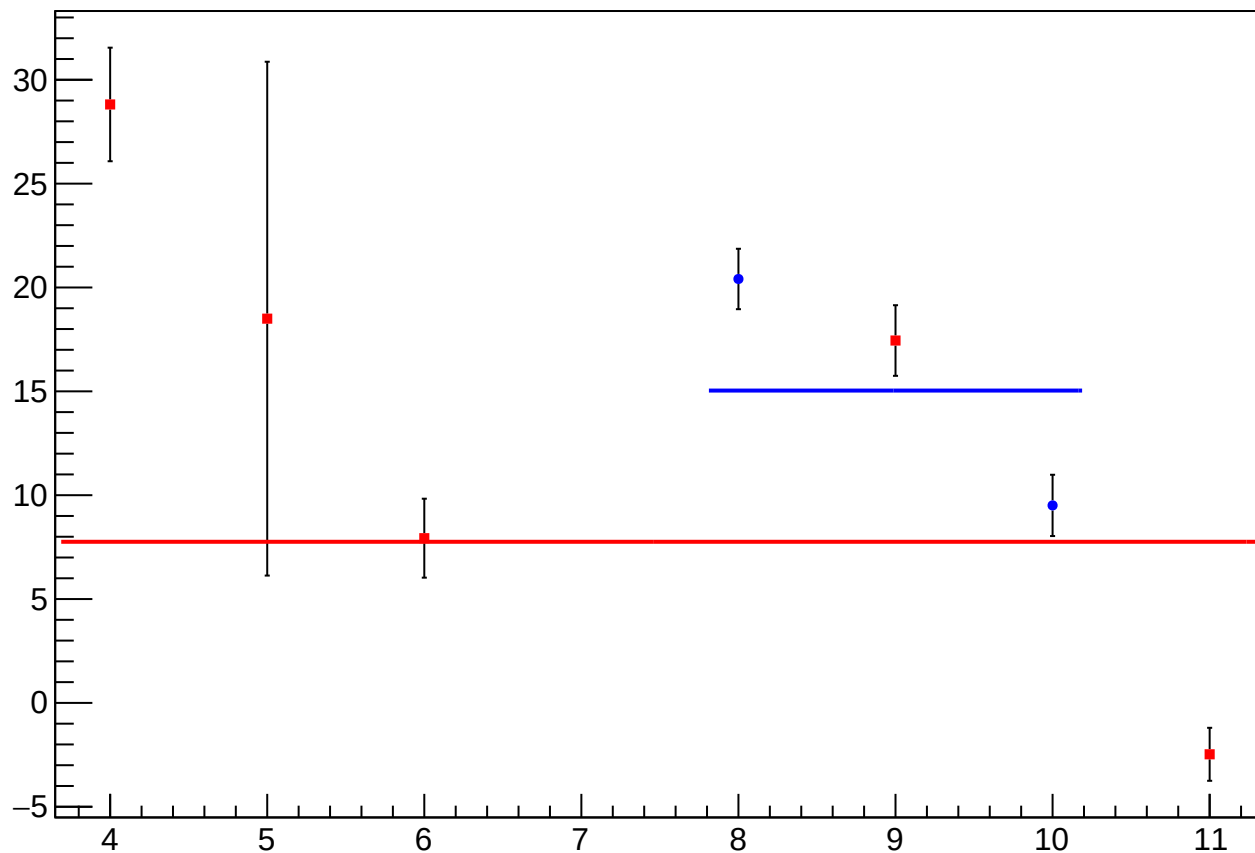
Right Out: 394.083 $\pm$ 1.339 χ^2 /NDF: 20726.2/18

Left In: 216.149 $\pm$ 2.182 χ^2 /NDF:3893.1/16

311.205 $\pm$ 1.209 χ^2 /NDF: 16686.3/32

345.399 $\pm$ 1.141 χ^2 /NDF: 29450.2/35

reg_asym_sam4_diff_bpm12X_slope vs slug



Right In: 15.037+/-1.036 χ^2 /NDF: 27.7/1

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

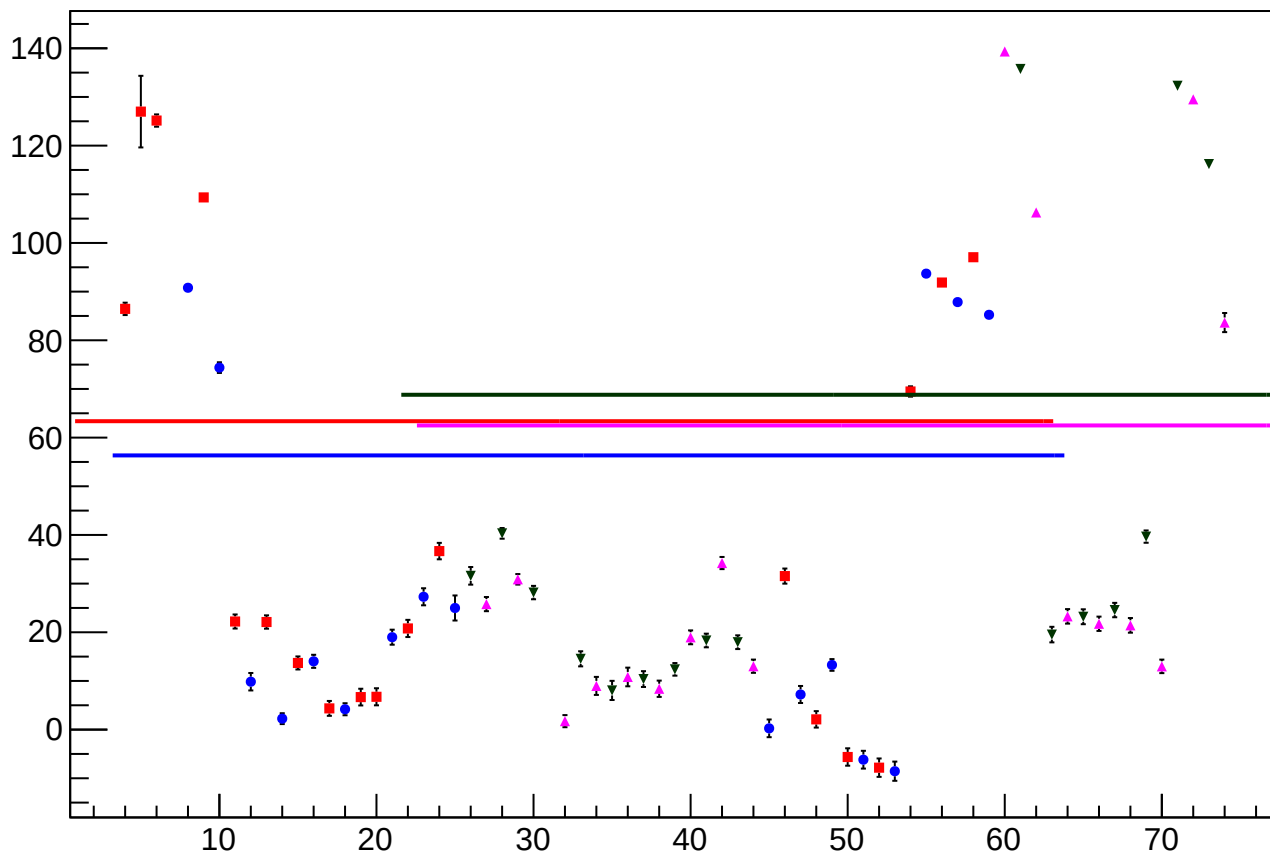
Right Out: 7.757+/-0.852 χ^2 /NDF: 156.9/4

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

15.037+/-1.036 χ^2 /NDF: 27.7/1

7.757+/-0.852 χ^2 /NDF: 156.9/4

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 56.342 $\pm$ 0.279 χ^2 /NDF: 19978.7/16

Left Out: 68.803 $\pm$ 0.305 χ^2 /NDF:30532.3/15

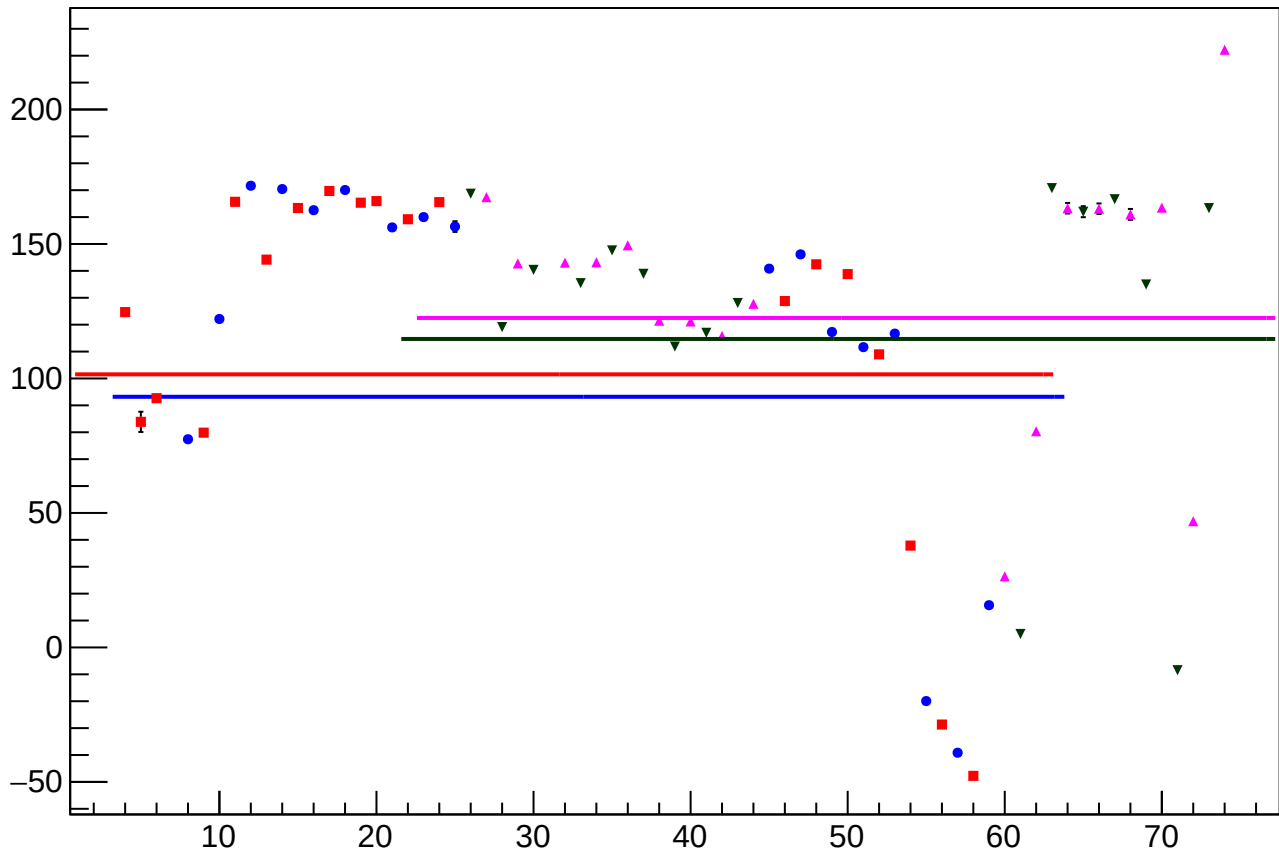
Right Out: 63.372 $\pm$ 0.290 χ^2 /NDF: 21065.2/18

Left In: 62.500 $\pm$ 0.303 χ^2 /NDF:31367.6/16

62.031 $\pm$ 0.206 χ^2 /NDF: 51419.9/32

62.956 $\pm$ 0.210 χ^2 /NDF: 52437.2/35

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 93.189 ± 0.224 $\chi^2/\text{NDF}: 100287.1/16$

Left Out: 114.687 ± 0.296 $\chi^2/\text{NDF}: 33497.8/15$

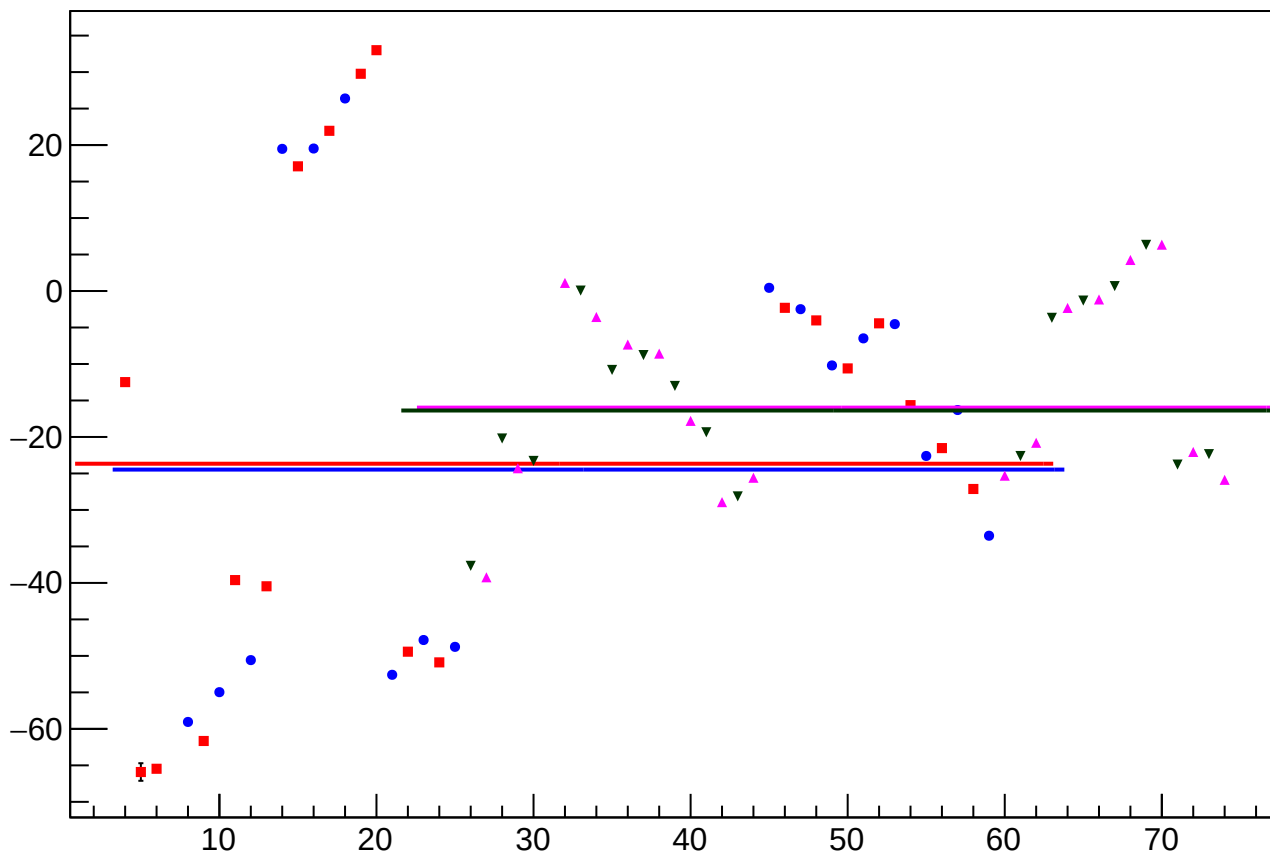
Right Out: 101.532 ± 0.213 $\chi^2/\text{NDF}: 110441.3/18$

Left In: 122.499 ± 0.284 $\chi^2/\text{NDF}: 24288.2/16$

101.027 ± 0.179 $\chi^2/\text{NDF}: 137143.6/32$

109.113 ± 0.171 $\chi^2/\text{NDF}: 138218.9/35$

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -24.470 $\pm$ 0.049 χ^2 /NDF: 265889.3/16

Left Out: -16.374 $\pm$ 0.054 χ^2 /NDF:40076.7/15

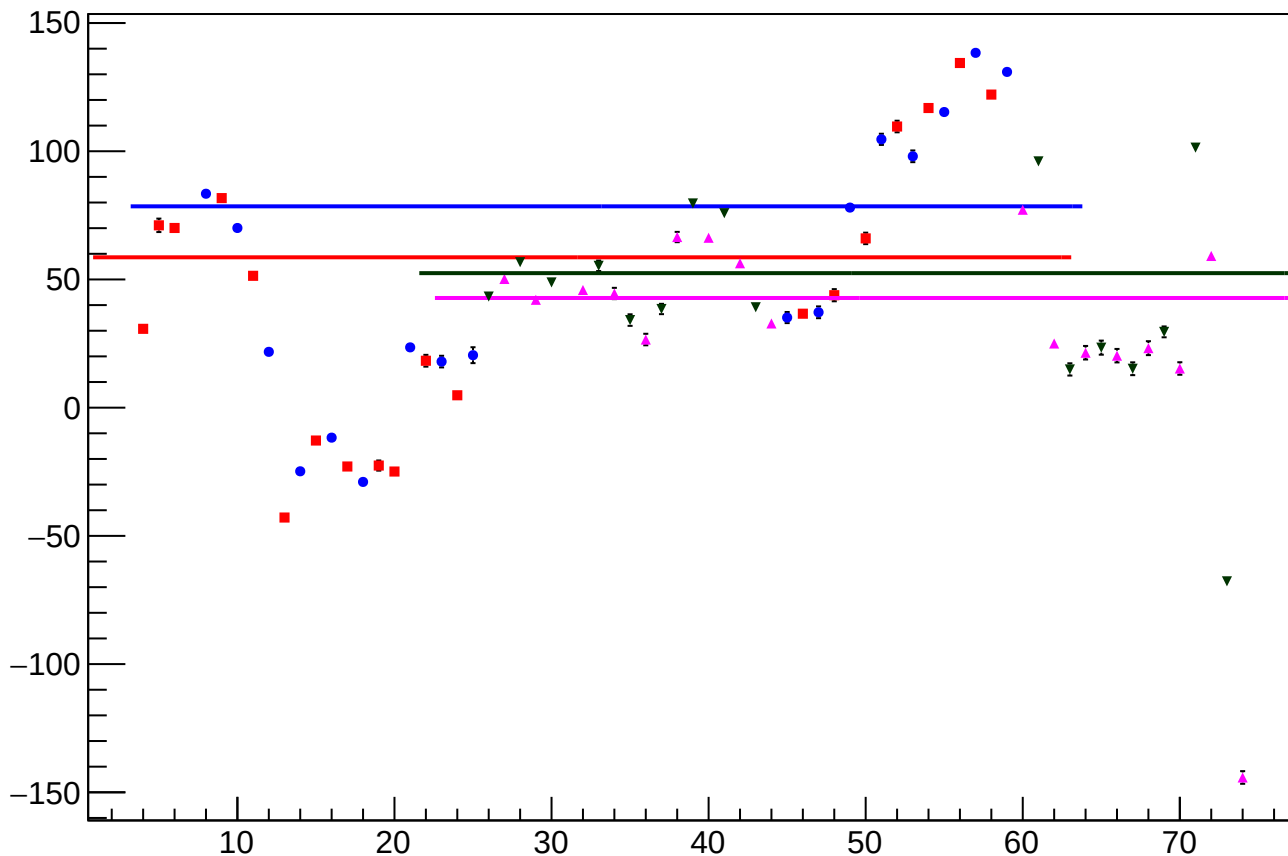
Right Out: -23.666 $\pm$ 0.050 χ^2 /NDF: 238846.8/18

Left In: -15.979 $\pm$ 0.054 χ^2 /NDF:53498.9/16

-20.822 $\pm$ 0.036 χ^2 /NDF: 318319.9/32

-20.059 $\pm$ 0.037 χ^2 /NDF: 303298.8/35

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

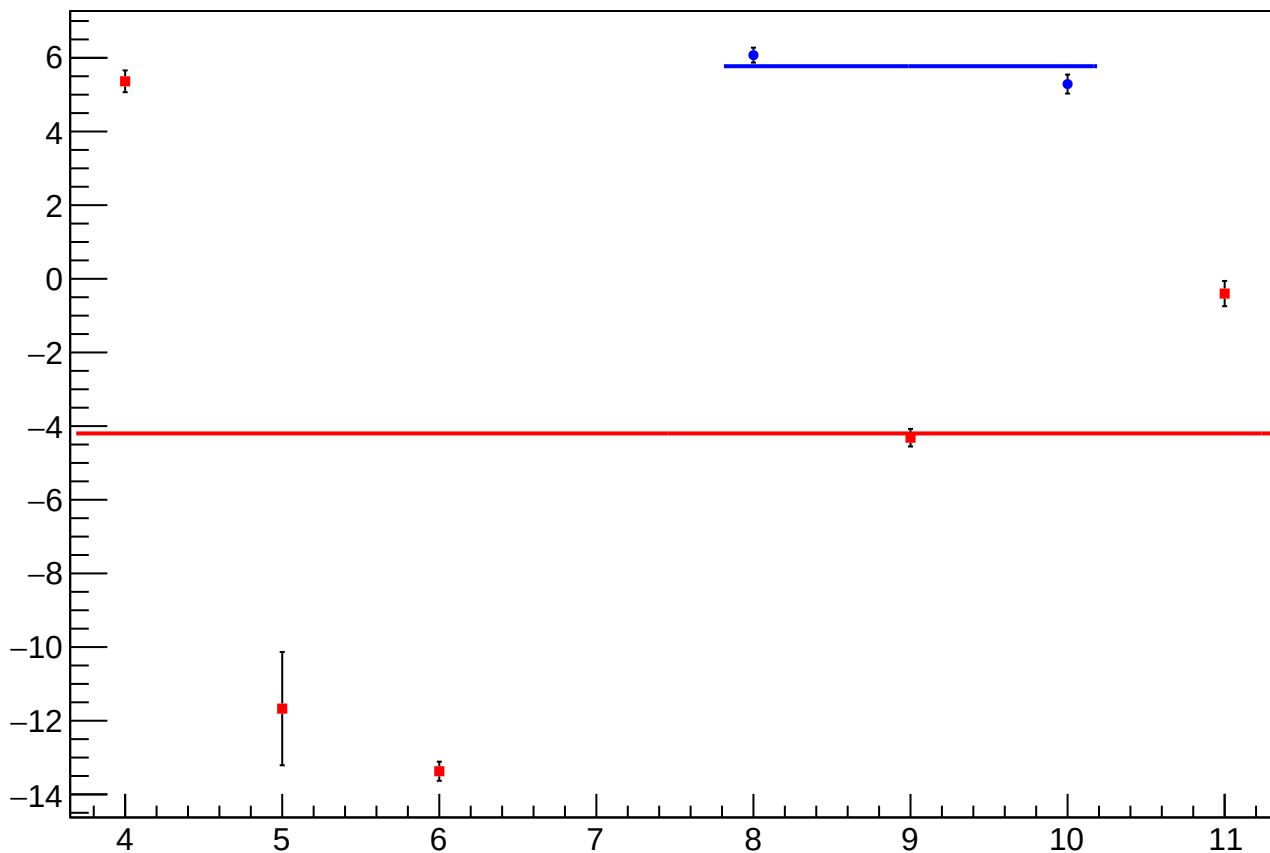
Right Out: 58.636+/-0.215 χ^2/NDF : 38299.4/18

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

71.417+/-0.216 χ^2/NDF : 45858.7/32

55.006+/-0.189 χ^2/NDF : 47610.7/35

reg_asym_sam5_diff_bpm12X_slope vs slug



Right In: 5.773 $\pm$ 0.159 χ^2 /NDF: 5.7/1

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

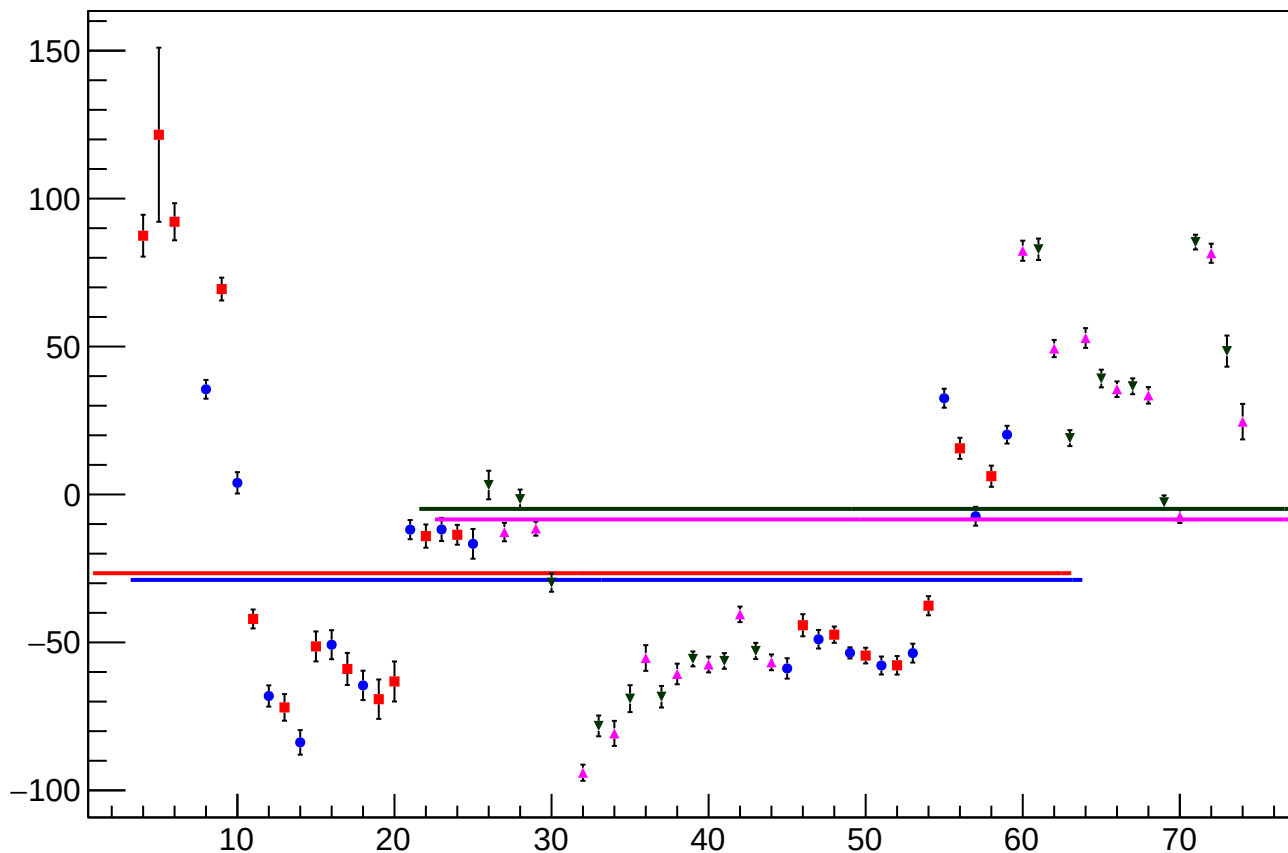
5.773 $\pm$ 0.159 χ^2 /NDF: 5.7/1

Right Out: -4.198 $\pm$ 0.138 χ^2 /NDF: 2438.4/4

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

-4.198 $\pm$ 0.138 χ^2 /NDF: 2438.4/4

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -28.875 ± 0.796 χ^2/NDF : 2034.0/16

Left Out: -4.877 ± 0.760 χ^2/NDF : 4631.0/15

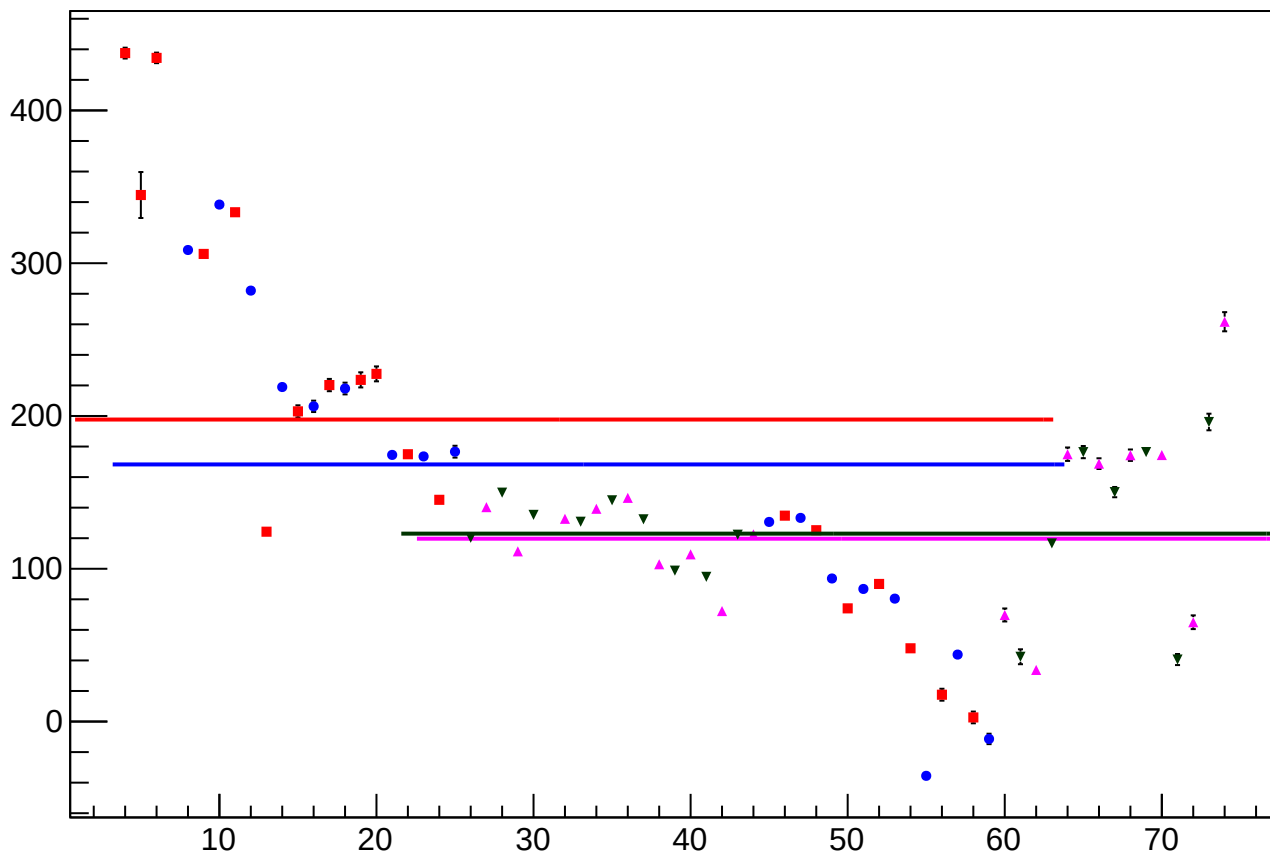
Right Out: -26.608 ± 0.900 χ^2/NDF : 2069.4/18

Left In: -8.439 ± 0.720 χ^2/NDF : 5191.2/16

-16.327 ± 0.550 χ^2/NDF : 7140.2/32

-15.528 ± 0.562 χ^2/NDF : 7509.0/35

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 168.292 $\pm$ 0.597 χ^2 /NDF: 32481.8/16

Left Out: 122.991 $\pm$ 0.691 χ^2 /NDF:2132.5/15

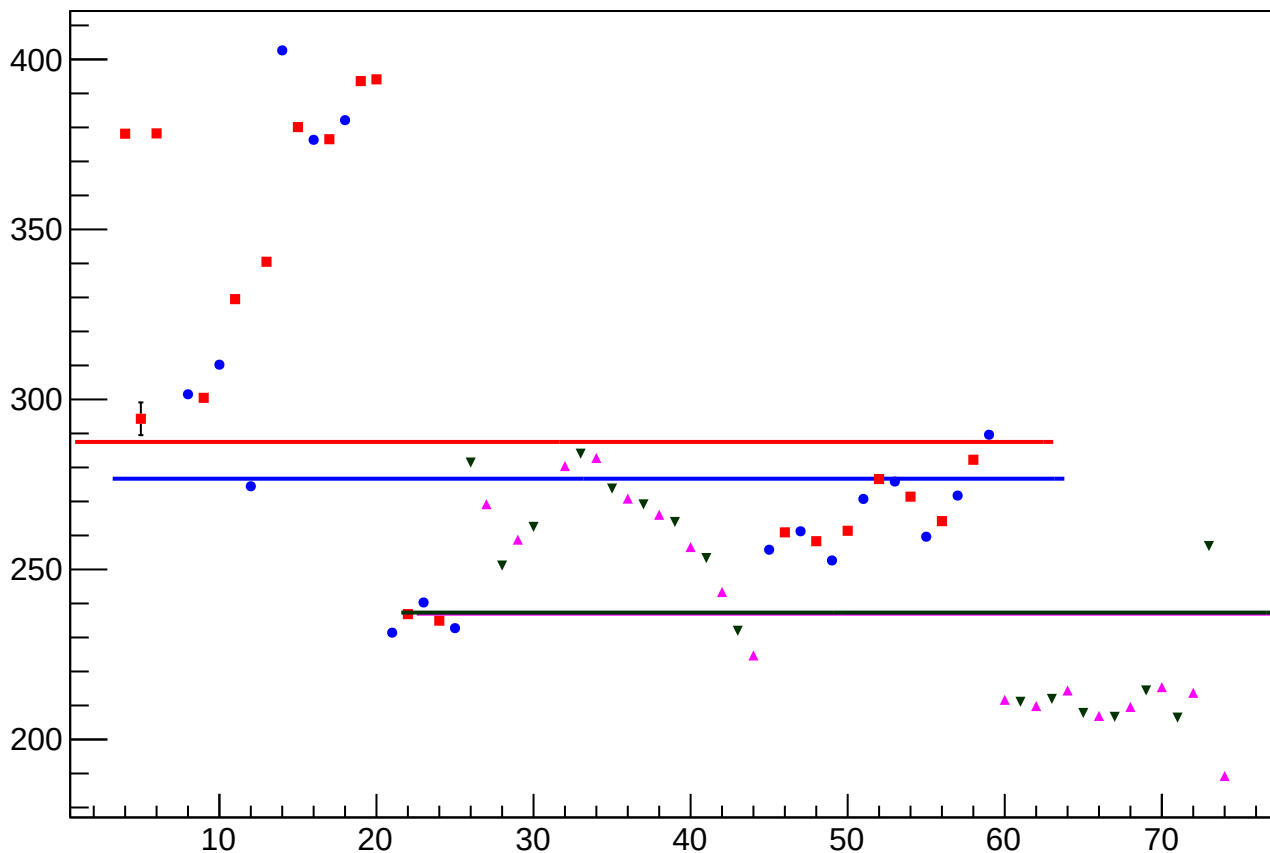
Right Out: 197.675 $\pm$ 0.614 χ^2 /NDF: 41103.1/18

Left In: 119.678 $\pm$ 0.635 χ^2 /NDF:3462.8/16

148.936 $\pm$ 0.452 χ^2 /NDF: 37077.7/32

160.030 $\pm$ 0.441 χ^2 /NDF: 52363.8/35

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 276.694 $\pm$ 0.143 χ^2 /NDF: 72728.9/16

Left Out: 237.314 $\pm$ 0.131 χ^2 /NDF: 44564.0/15

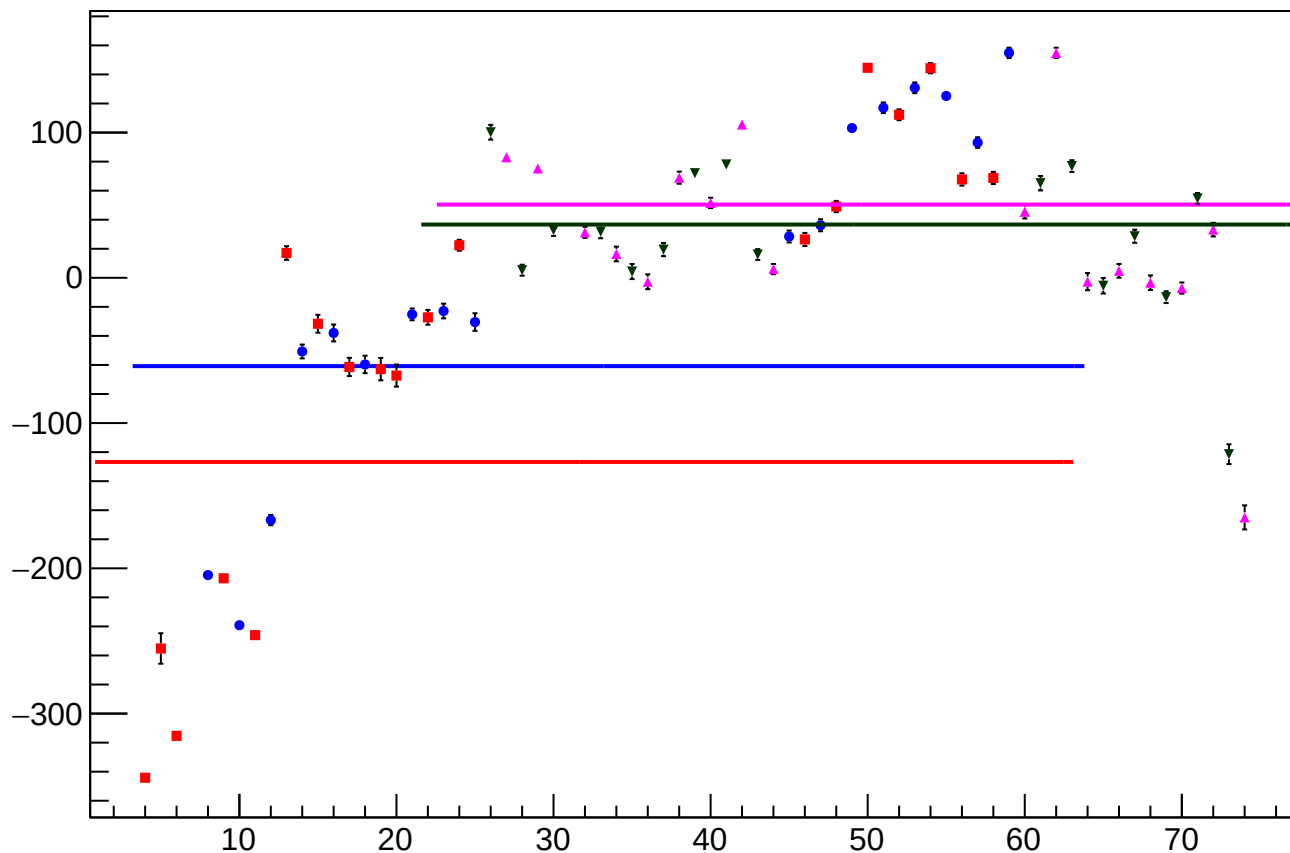
Right Out: 287.509 $\pm$ 0.159 χ^2 /NDF: 76588.5/18

Left In: 236.996 $\pm$ 0.125 χ^2 /NDF: 47932.0/16

255.355 $\pm$ 0.096 χ^2 /NDF: 158657.7/32

256.414 $\pm$ 0.098 χ^2 /NDF: 186892.6/35

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: -60.806 $\pm$ 0.787 χ^2 /NDF: 36404.9/16

Left Out: 36.678 $\pm$ 1.050 χ^2 /NDF:1504.3/15

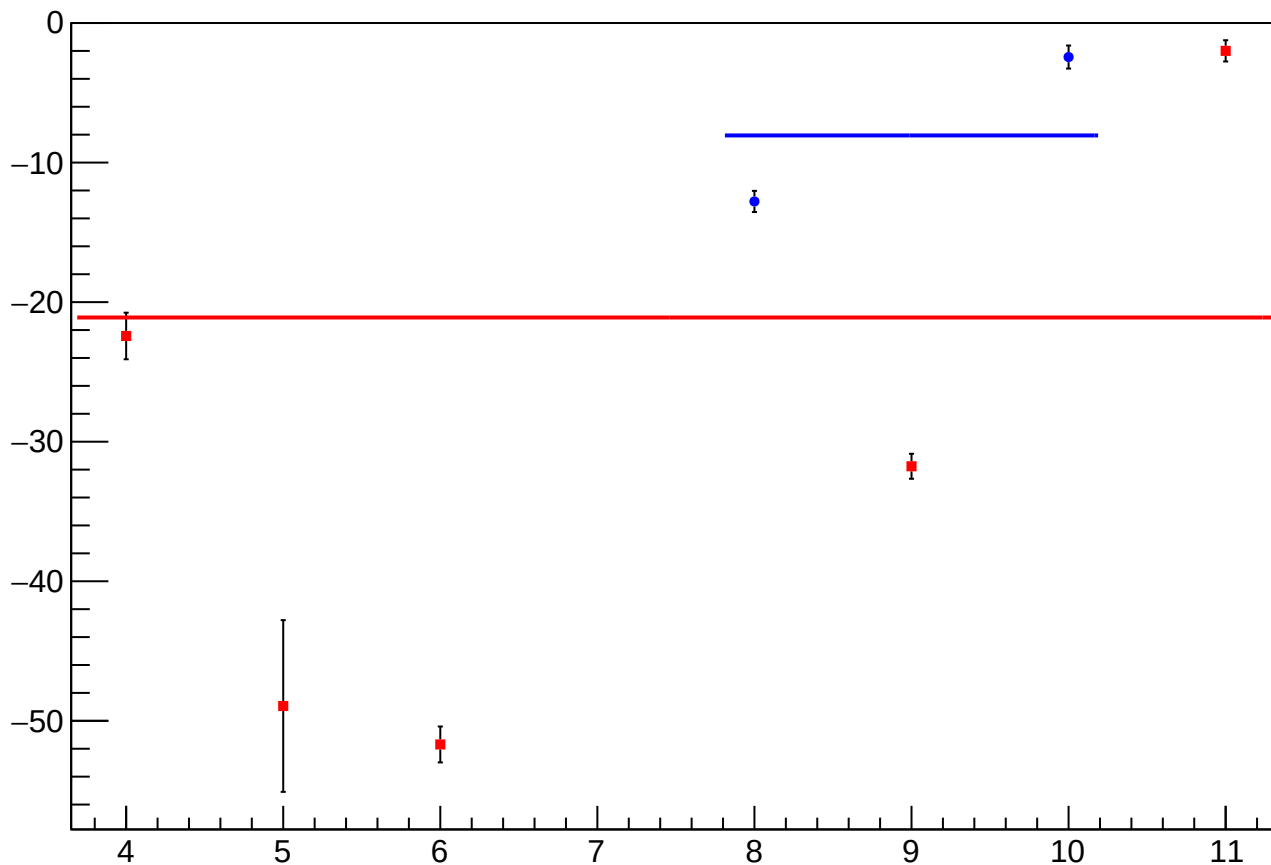
Right Out: -126.767 $\pm$ 0.783 χ^2 /NDF: 49494.0/18

Left In: 50.422 $\pm$ 0.967 χ^2 /NDF:2940.5/16

-25.761 $\pm$ 0.630 χ^2 /NDF: 43426.8/32

-56.568 $\pm$ 0.609 χ^2 /NDF: 72704.6/35

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

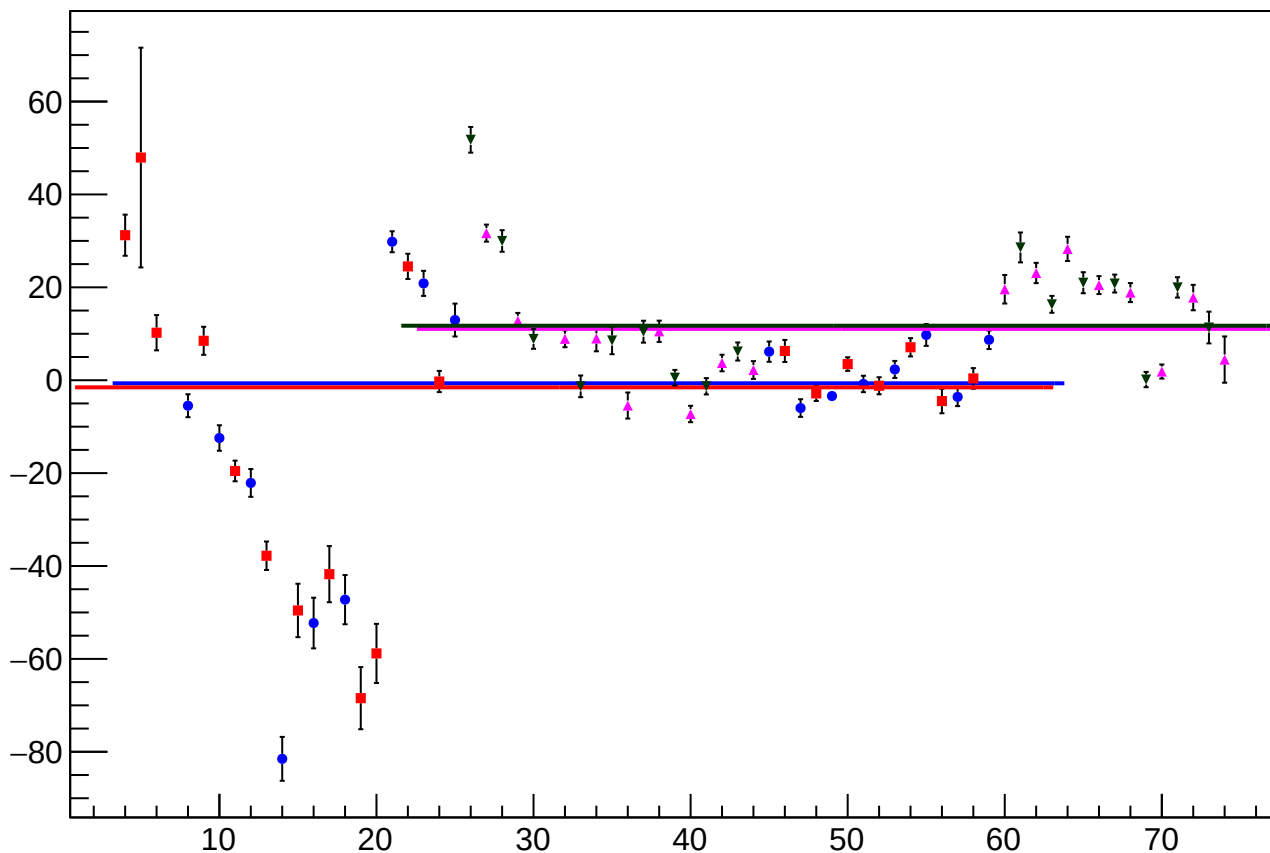
Right Out: -21.100+/-0.502 χ^2/NDF : 1359.0/4

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

-8.056+/-0.559 χ^2/NDF : 85.2/1

-21.100+/-0.502 χ^2/NDF : 1359.0/4

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

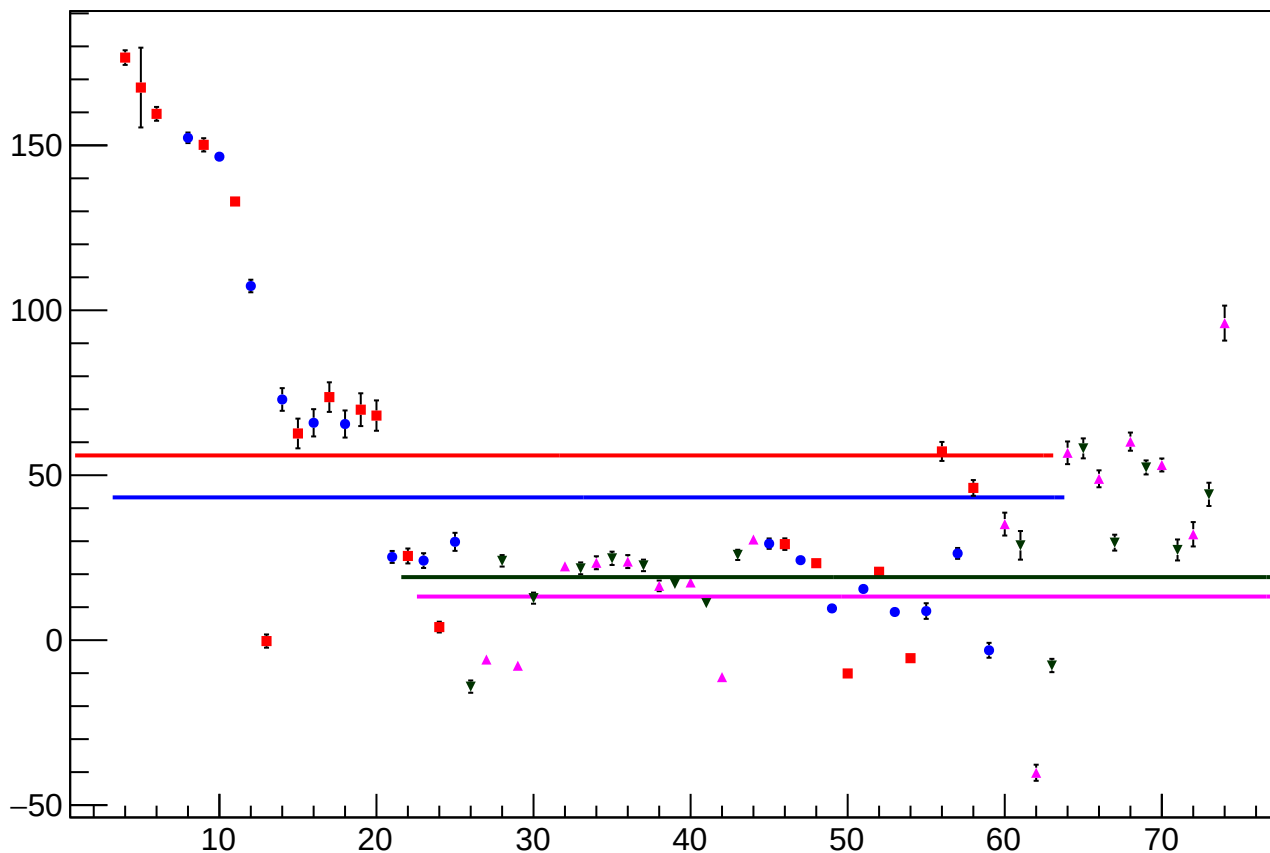
Right Out: -1.532 ± 0.588 χ^2/NDF : 717.0/18

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

5.384 ± 0.374 χ^2/NDF : 1688.1/32

5.676 ± 0.384 χ^2/NDF : 1454.3/35

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 43.283 ± 0.396 $\chi^2/\text{NDF}: 16774.9/16$

Left Out: 19.113 ± 0.471 $\chi^2/\text{NDF}: 1081.4/15$

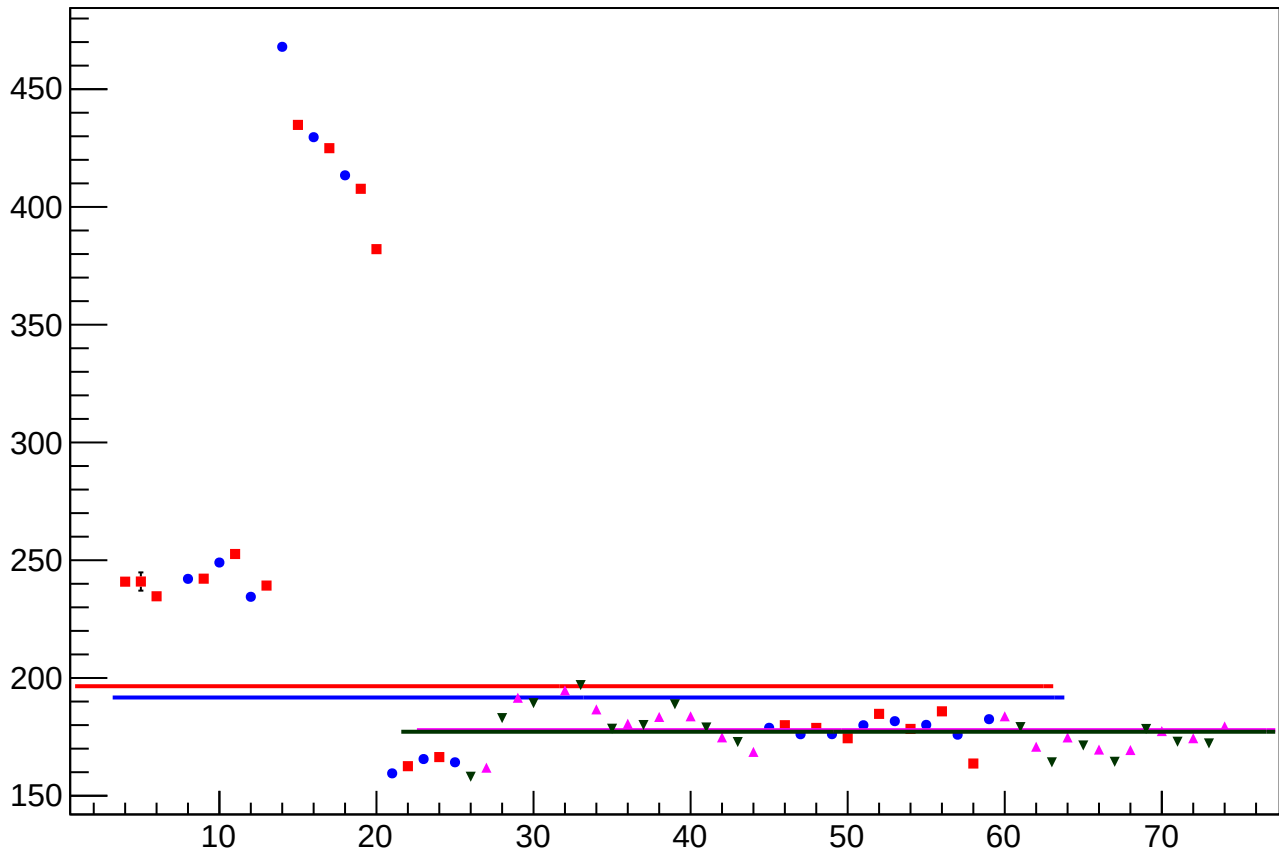
Right Out: 55.999 ± 0.402 $\chi^2/\text{NDF}: 25020.0/18$

Left In: 13.221 ± 0.432 $\chi^2/\text{NDF}: 3029.6/16$

33.274 ± 0.303 $\chi^2/\text{NDF}: 19397.0/32$

36.142 ± 0.294 $\chi^2/\text{NDF}: 33309.5/35$

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 191.719+/-0.094 χ^2/NDF : 253413.3/16

Left Out: 177.179+/-0.092 χ^2/NDF :11945.9/15

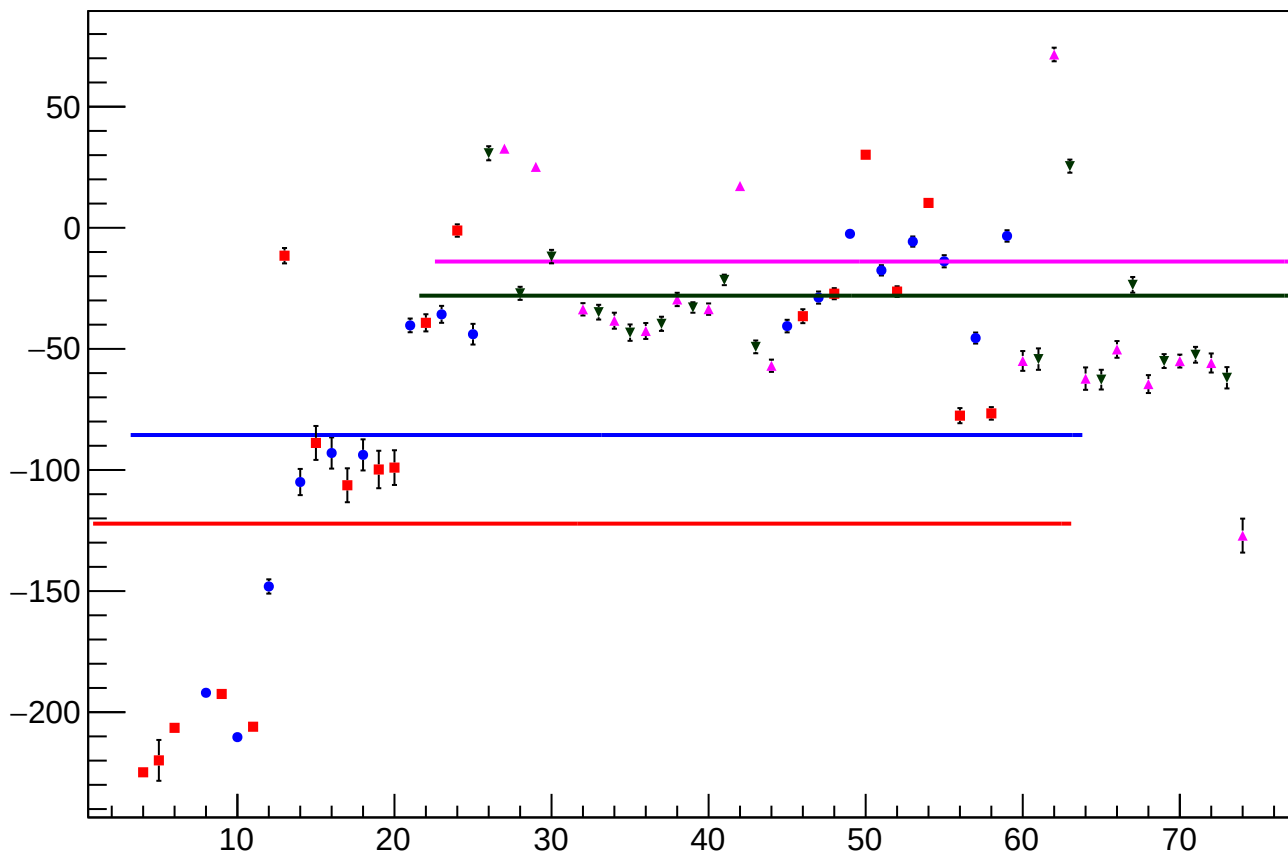
184.278+/-0.066 χ^2/NDF : 277557.7/32

Right Out: 196.508+/-0.103 χ^2/NDF : 209432.5/18

185.717+/-0.067 χ^2/NDF : 239655.0/35

Left In: 177.867+/-0.088 χ^2/NDF :11426.6/16

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -85.559 ± 0.547 $\chi^2/\text{NDF}: 24746.1/16$

Left Out: -28.022 ± 0.730 $\chi^2/\text{NDF}: 1264.5/15$

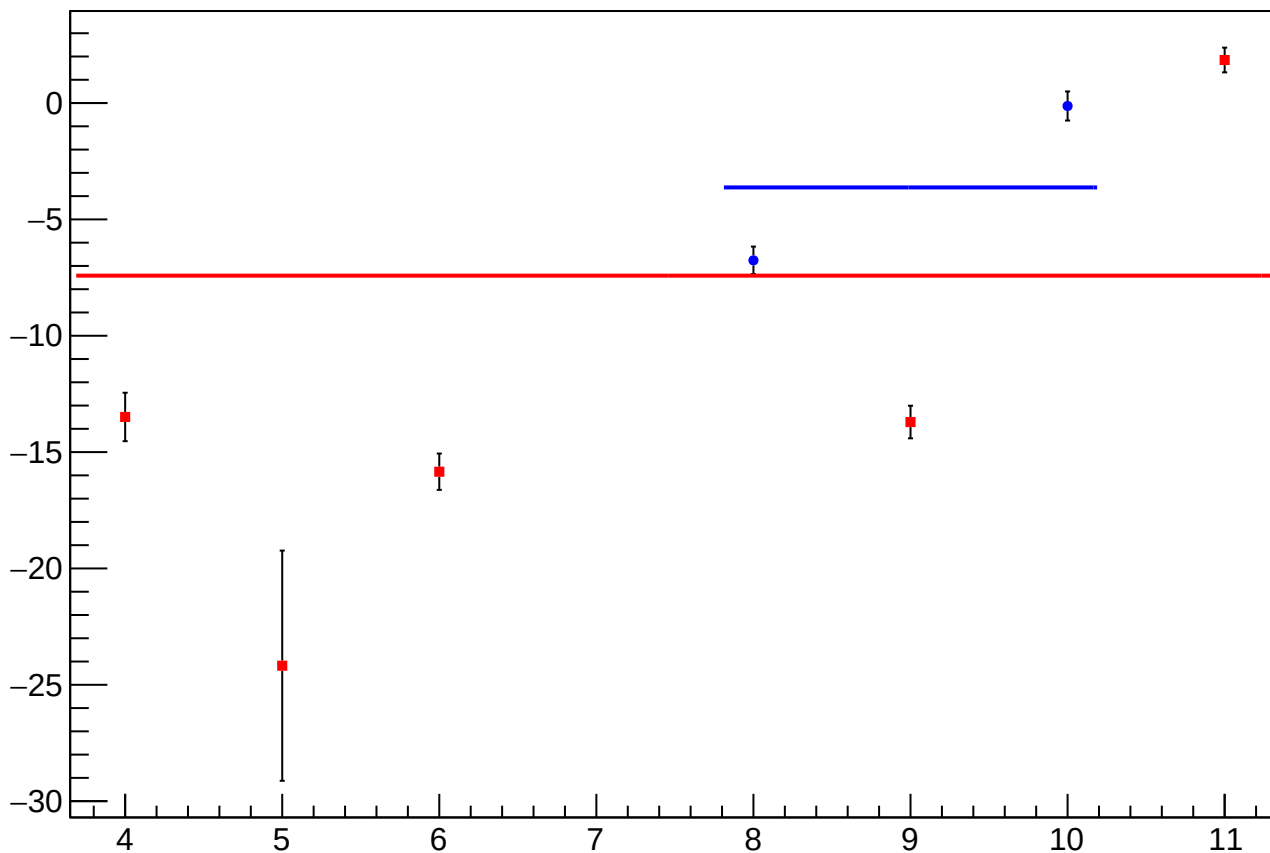
Right Out: -122.153 ± 0.520 $\chi^2/\text{NDF}: 35441.4/18$

Left In: -13.929 ± 0.672 $\chi^2/\text{NDF}: 3912.1/16$

-64.863 ± 0.438 $\chi^2/\text{NDF}: 29984.5/32$

-81.646 ± 0.411 $\chi^2/\text{NDF}: 55593.6/35$

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

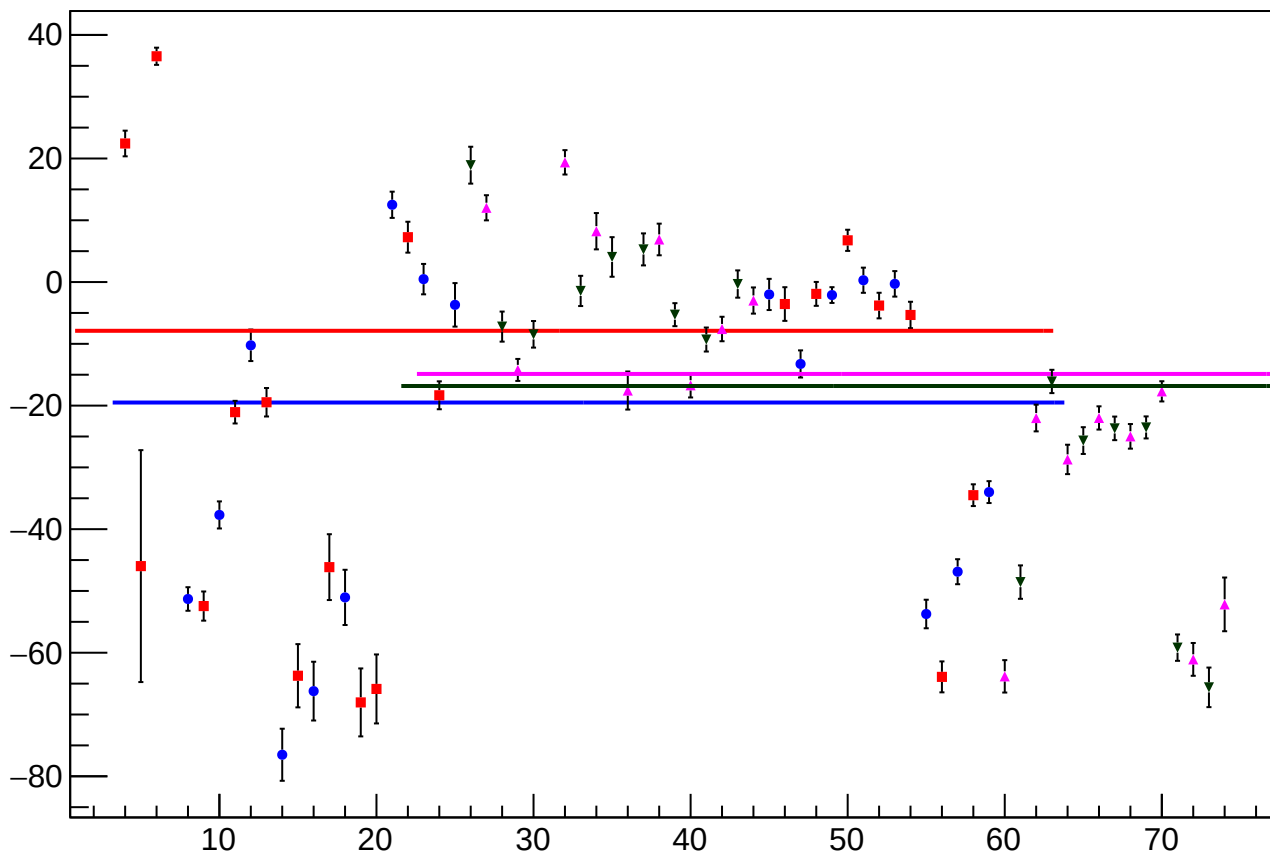
Right Out: -7.417+/-0.349 χ^2/NDF : 547.8/4

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

-3.626+/-0.430 χ^2/NDF : 59.4/1

-7.417+/-0.349 χ^2/NDF : 547.8/4

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -19.501 ± 0.538 $\chi^2/\text{NDF}: 1895.3/16$

Left Out: -16.825 ± 0.559 $\chi^2/\text{NDF}: 1245.2/15$

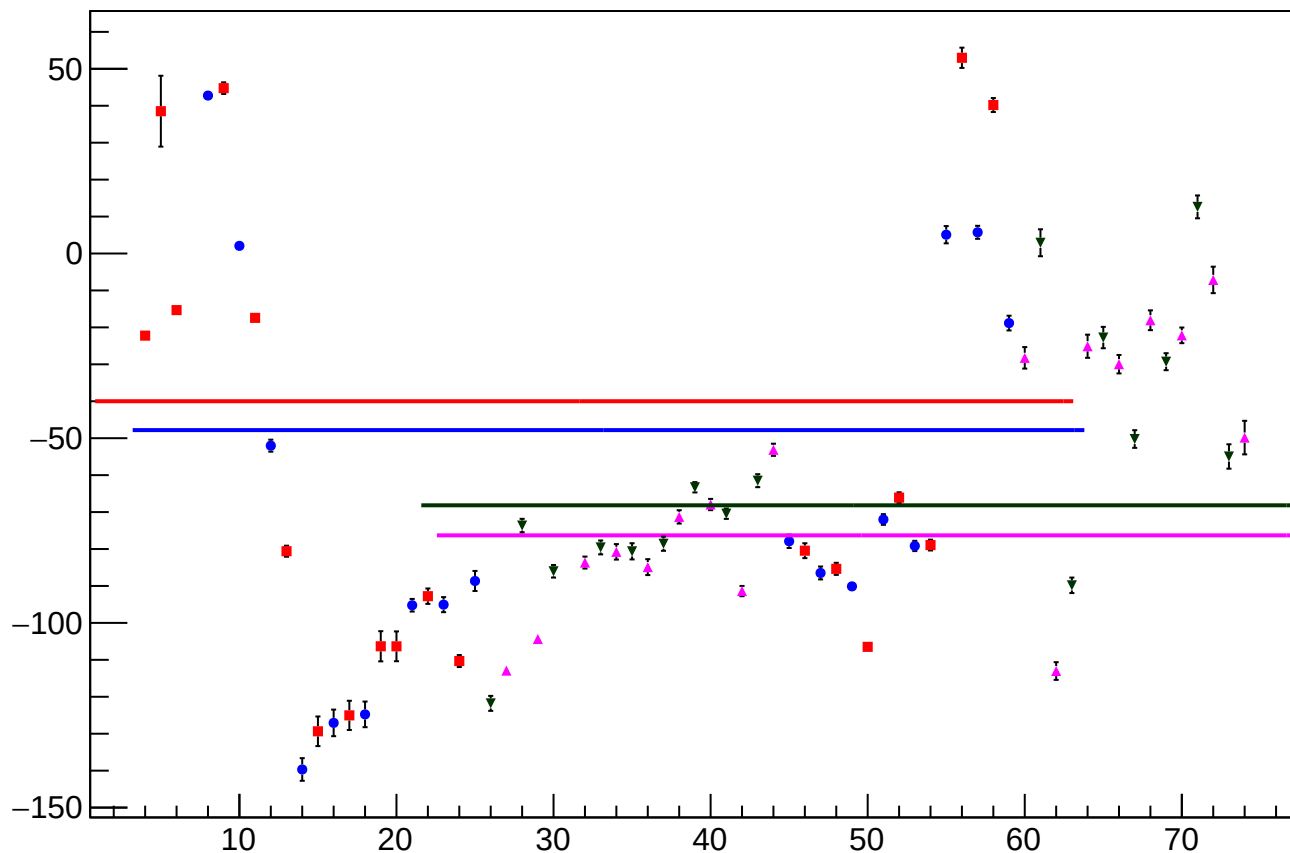
Right Out: -7.890 ± 0.528 $\chi^2/\text{NDF}: 2946.2/18$

Left In: -14.874 ± 0.530 $\chi^2/\text{NDF}: 1468.9/16$

-18.214 ± 0.387 $\chi^2/\text{NDF}: 3152.4/32$

-11.370 ± 0.374 $\chi^2/\text{NDF}: 4502.3/35$

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 $\chi^2/\text{NDF}: 2718.0/15$

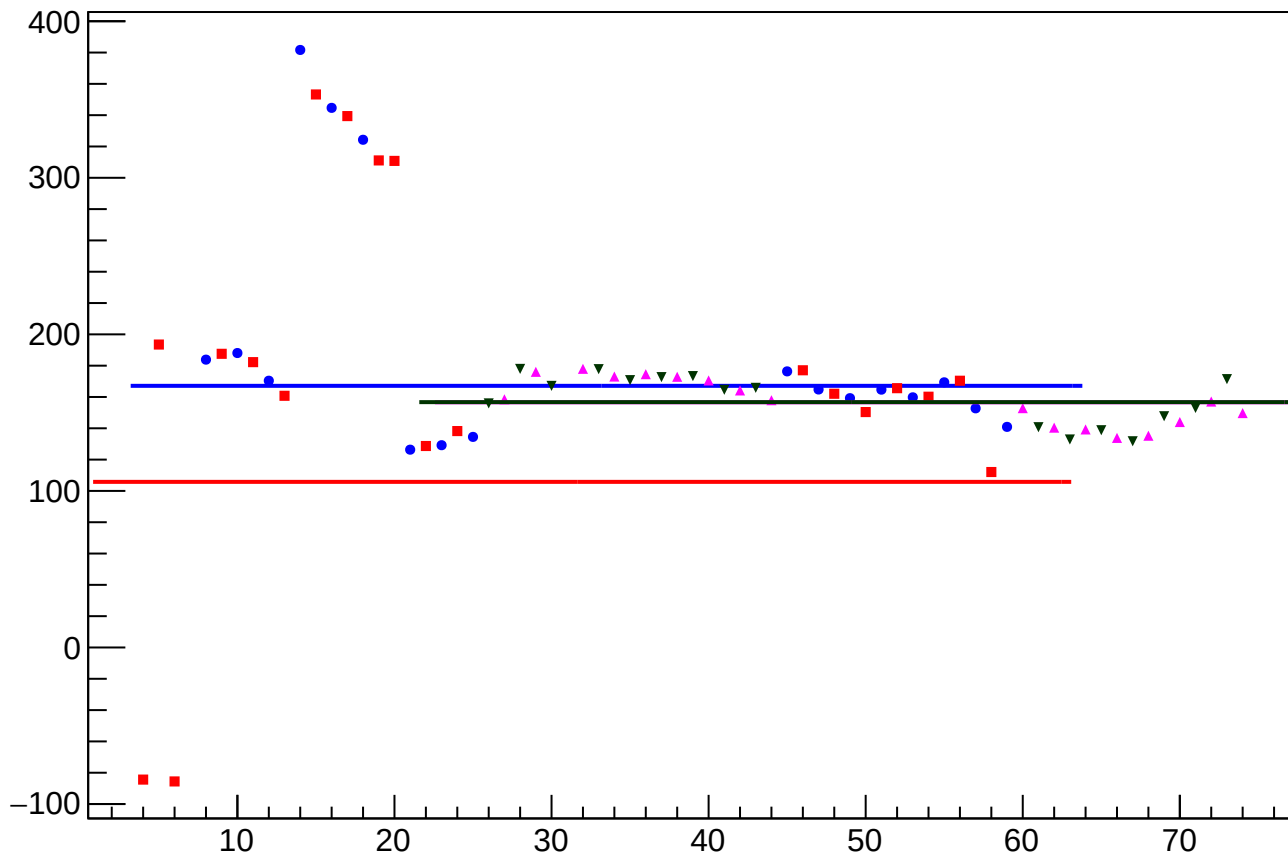
Right Out: -39.989 ± 0.335 $\chi^2/\text{NDF}: 17857.5/18$

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

-55.703 ± 0.312 $\chi^2/\text{NDF}: 19796.5/32$

-52.477 ± 0.271 $\chi^2/\text{NDF}: 26237.2/35$

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 $\chi^2/\text{NDF}: 29484.3/15$

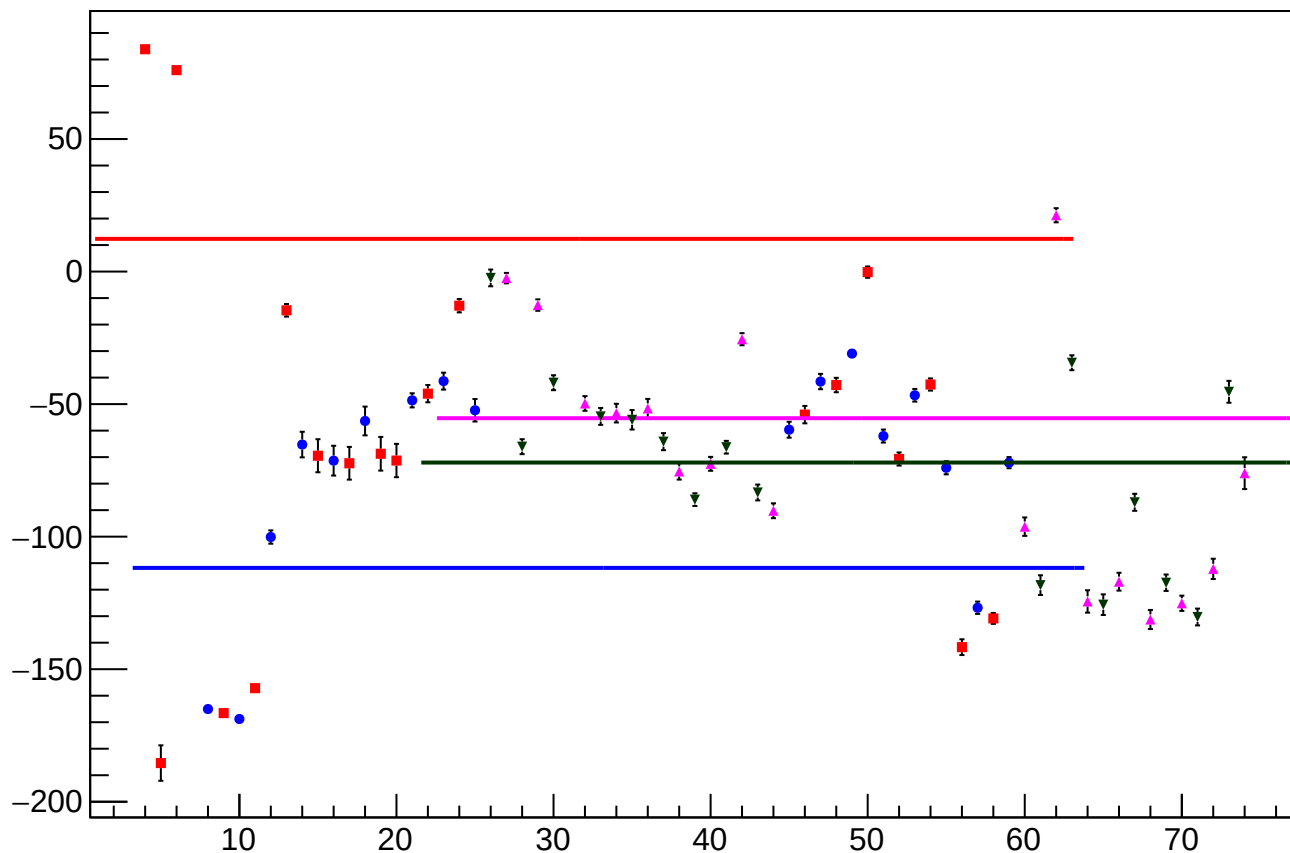
Right Out: 105.784 ± 0.092 $\chi^2/\text{NDF}: 1475354.0/18$

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

161.930 ± 0.068 $\chi^2/\text{NDF}: 214662.5/32$

131.096 ± 0.065 $\chi^2/\text{NDF}: 1658521.3/35$

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -111.783 ± 0.511 $\chi^2/\text{NDF}: 11740.2/16$

Left Out: -72.043 ± 0.766 $\chi^2/\text{NDF}: 1850.3/15$

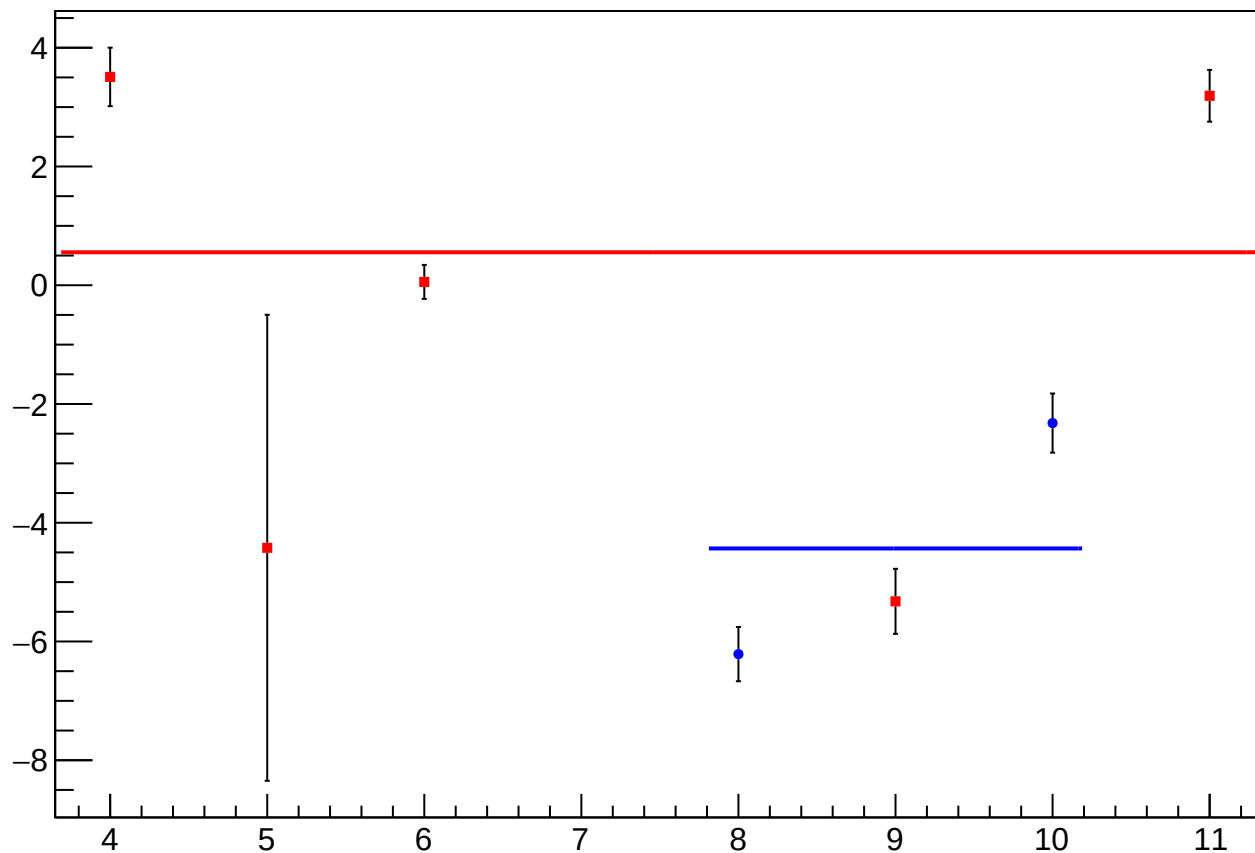
Right Out: 12.337 ± 0.333 $\chi^2/\text{NDF}: 85429.8/18$

Left In: -55.314 ± 0.708 $\chi^2/\text{NDF}: 4365.8/16$

-99.544 ± 0.425 $\chi^2/\text{NDF}: 15451.3/32$

0.084 ± 0.301 $\chi^2/\text{NDF}: 97274.3/35$

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

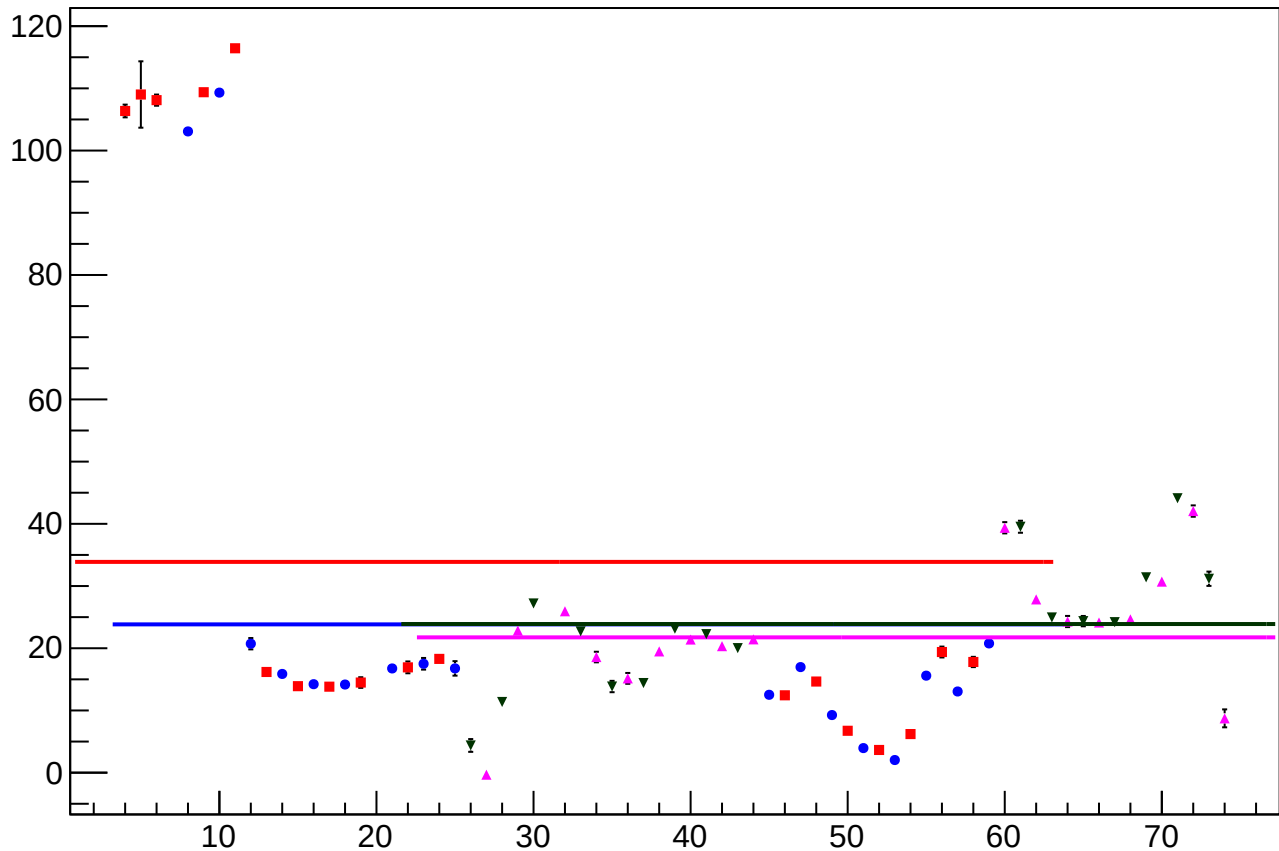
Right Out: 0.555+/-0.200 χ^2/NDF : 192.4/4

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

-4.433+/-0.337 χ^2/NDF : 33.2/1

0.555+/-0.200 χ^2/NDF : 192.4/4

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 23.837 $\pm$ 0.158 χ^2 /NDF: 36346.7/16

Left Out: 23.893 $\pm$ 0.185 χ^2 /NDF:2225.2/15

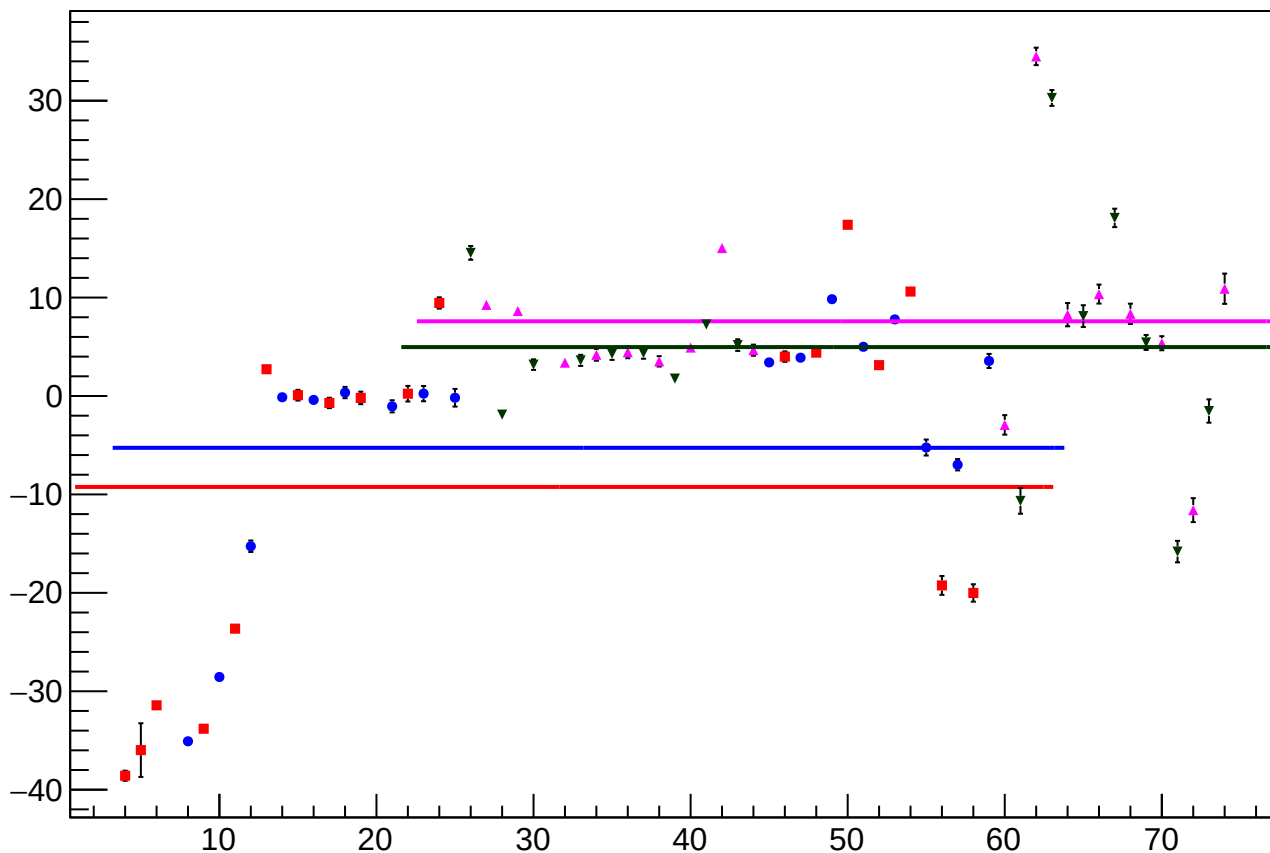
Right Out: 33.882 $\pm$ 0.176 χ^2 /NDF: 54444.3/17

Left In: 21.750 $\pm$ 0.168 χ^2 /NDF:3402.7/16

23.861 $\pm$ 0.120 χ^2 /NDF: 38572.0/32

27.527 $\pm$ 0.122 χ^2 /NDF: 60332.5/34

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: -5.265 $\pm$ 0.116 χ^2 /NDF: 16049.9/16

Left Out: 4.969 $\pm$ 0.159 χ^2 /NDF:2207.1/15

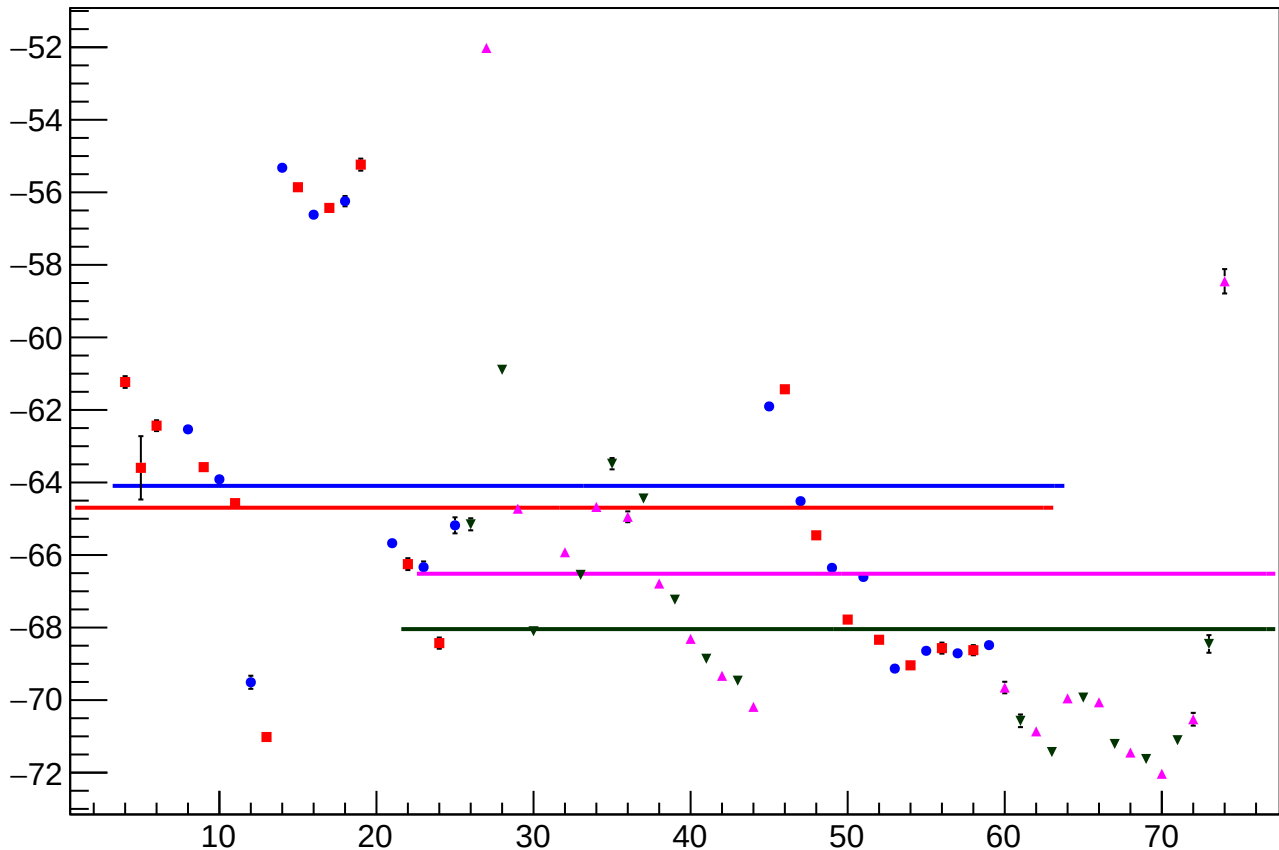
-1.709 $\pm$ 0.094 χ^2 /NDF: 20946.9/32

Right Out: -9.239 $\pm$ 0.115 χ^2 /NDF: 22575.8/17

-2.322 $\pm$ 0.089 χ^2 /NDF: 33194.1/34

Left In: 7.589 $\pm$ 0.138 χ^2 /NDF:1885.0/16

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -64.093 ± 0.028 $\chi^2/\text{NDF}: 24273.9/16$

Left Out: -68.043 ± 0.032 $\chi^2/\text{NDF}: 9378.5/15$

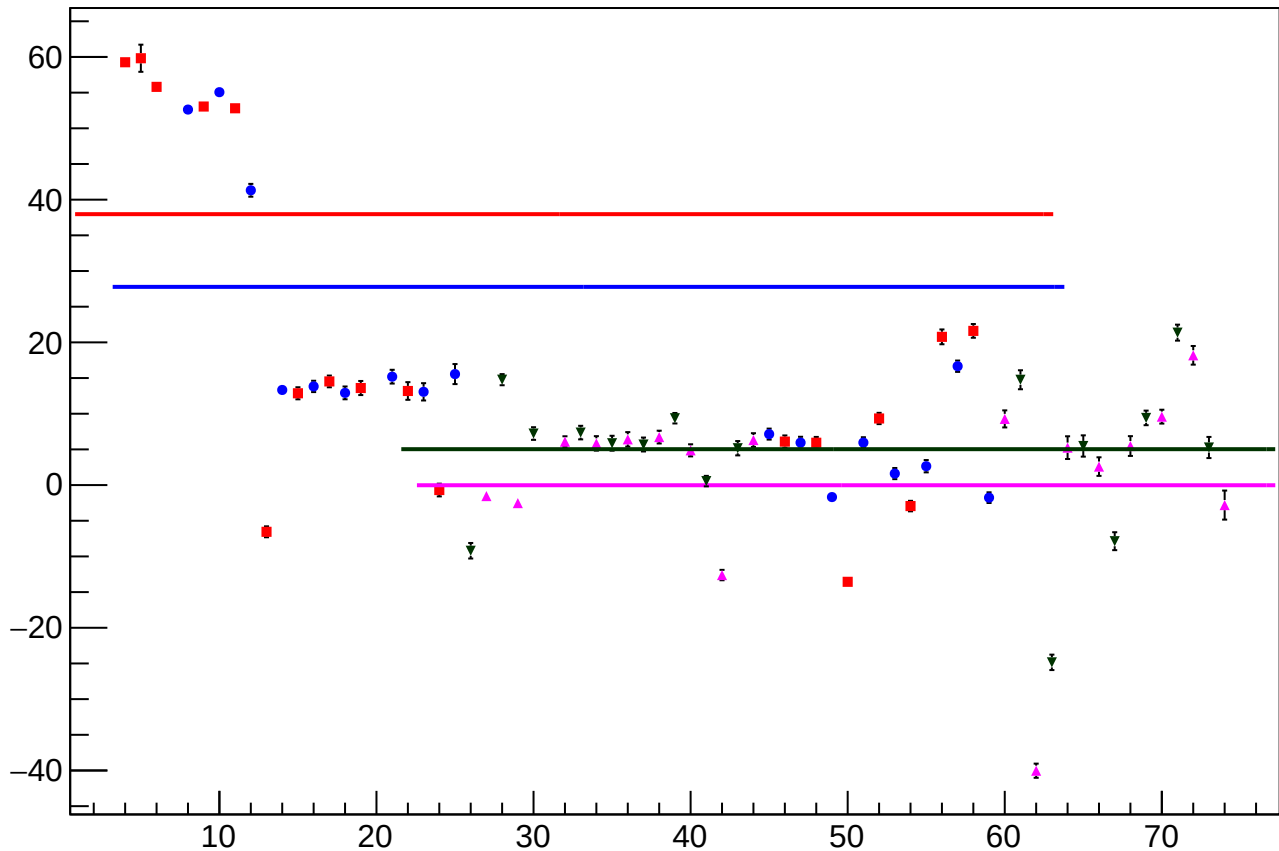
Right Out: -64.696 ± 0.031 $\chi^2/\text{NDF}: 20425.1/17$

Left In: -66.516 ± 0.029 $\chi^2/\text{NDF}: 36426.5/16$

-65.855 ± 0.021 $\chi^2/\text{NDF}: 42237.4/32$

-65.662 ± 0.021 $\chi^2/\text{NDF}: 58671.0/34$

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 27.779 $\pm$ 0.155 χ^2 /NDF: 22624.5/16

Left Out: 5.031 $\pm$ 0.248 χ^2 /NDF:1565.0/15

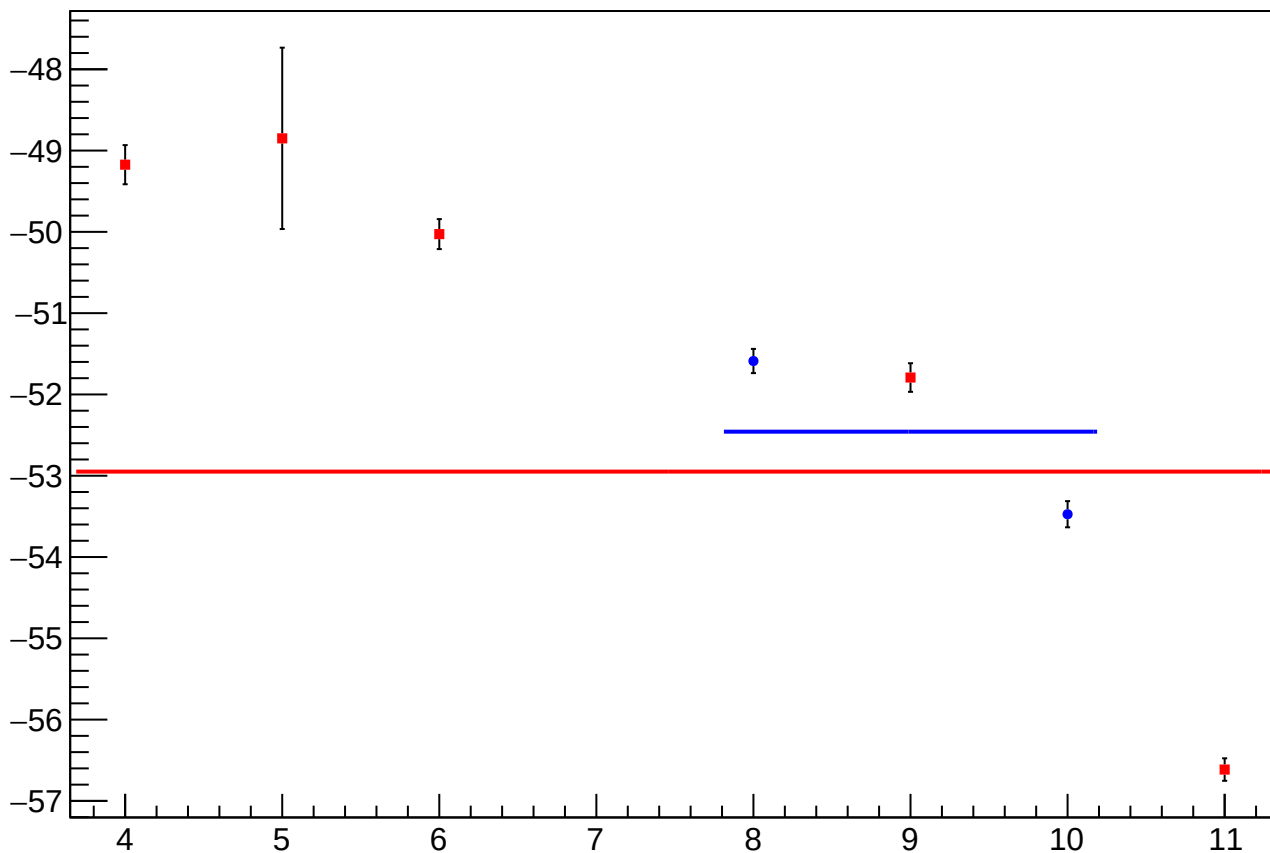
Right Out: 37.968 $\pm$ 0.140 χ^2 /NDF: 31961.7/17

Left In: -0.024 $\pm$ 0.216 χ^2 /NDF:2605.8/16

21.406 $\pm$ 0.131 χ^2 /NDF: 30237.9/32

26.724 $\pm$ 0.117 χ^2 /NDF: 56430.2/34

reg_asym_usl_diff_bpm12X_slope vs slug



Right In: -52.458 $\pm$ 0.109 χ^2 /NDF: 73.8/1

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

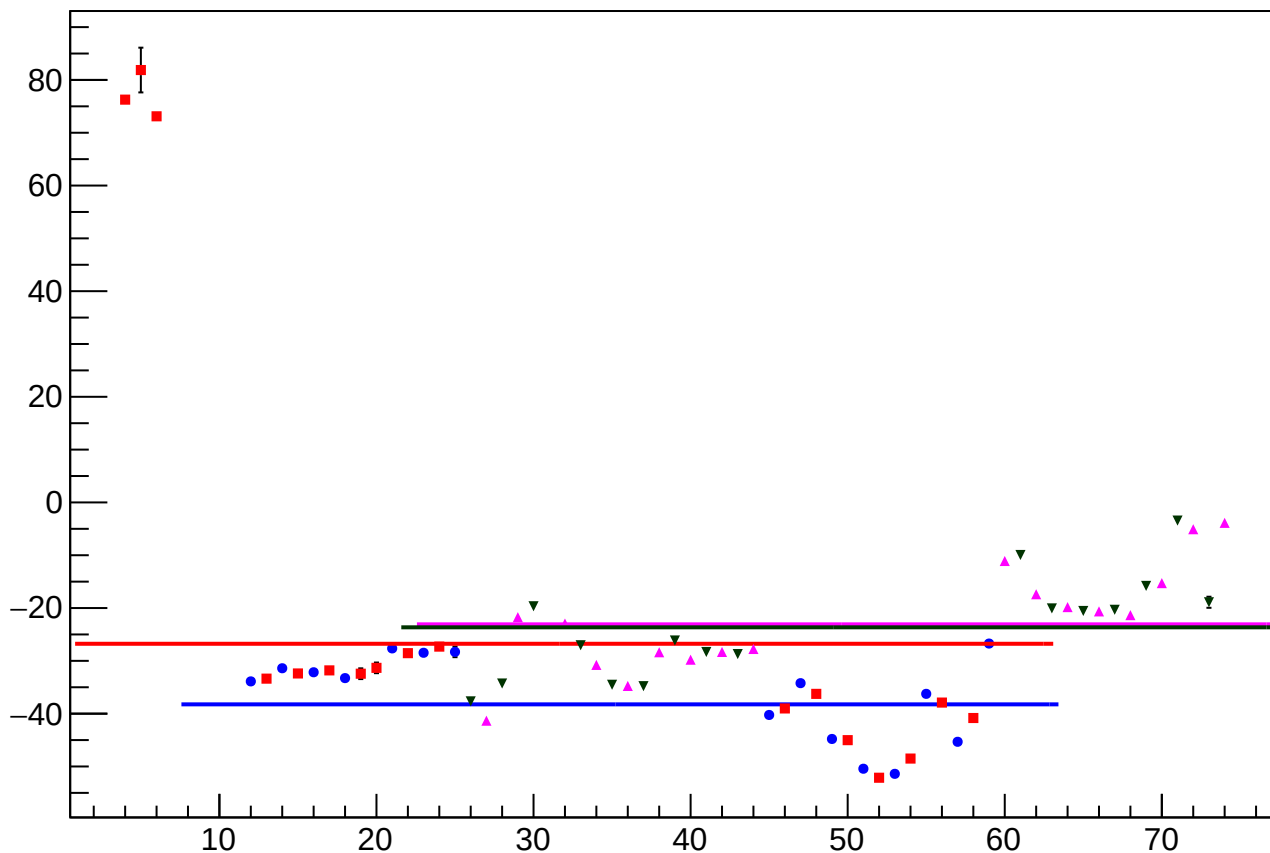
Right Out: -52.949 $\pm$ 0.087 χ^2 /NDF: 1256.6/4

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

-52.458 $\pm$ 0.109 χ^2 /NDF: 73.8/1

-52.949 $\pm$ 0.087 χ^2 /NDF: 1256.6/4

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.238 ± 0.154 χ^2/NDF : 2769.8/14

Left Out: -23.650 ± 0.145 χ^2/NDF : 3029.7/15

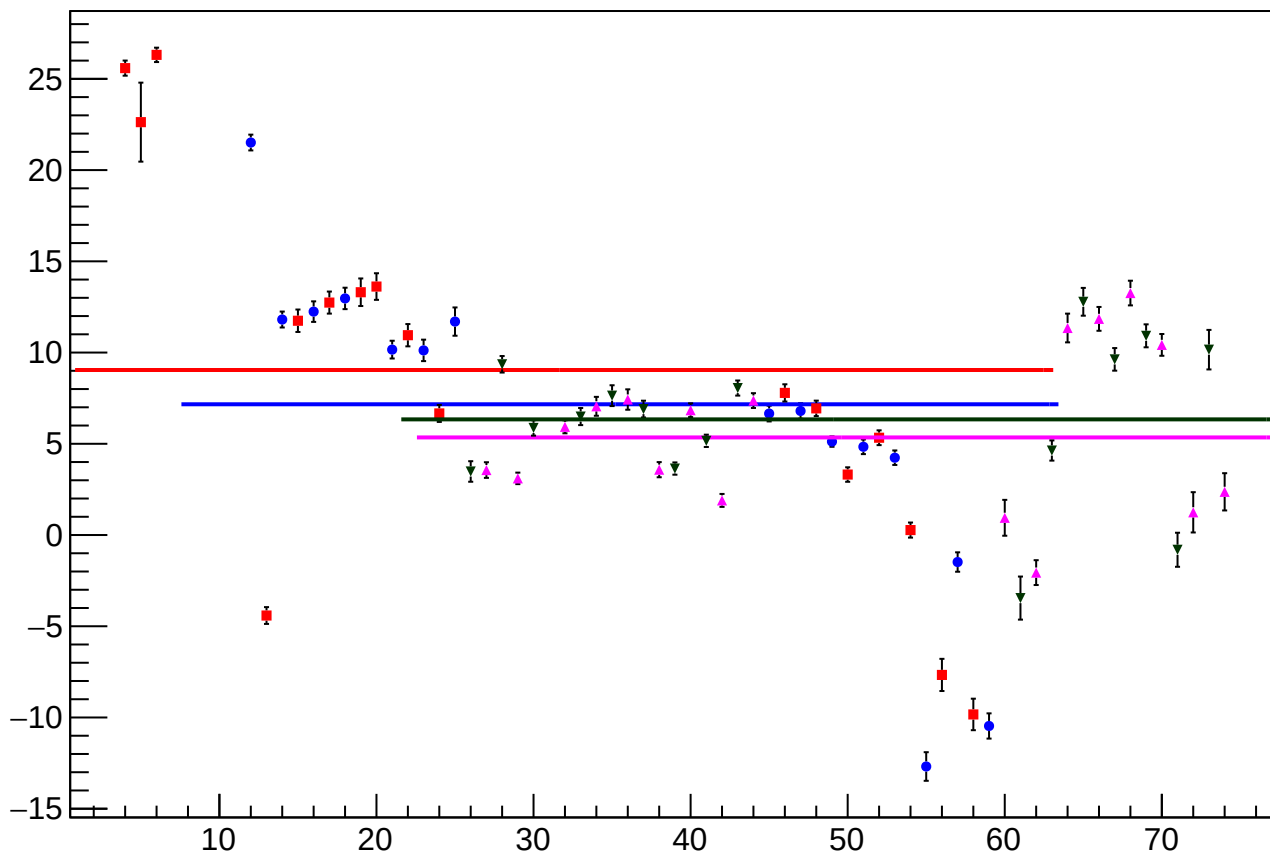
-30.469 ± 0.106 χ^2/NDF : 10554.4/30

Right Out: -26.766 ± 0.172 χ^2/NDF : 41501.5/16

-24.505 ± 0.107 χ^2/NDF : 44850.1/33

Left In: -23.086 ± 0.136 χ^2/NDF : 3068.1/16

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 7.165 ± 0.121 $\chi^2/\text{NDF}: 3187.2/14$

Left Out: 6.338 ± 0.127 $\chi^2/\text{NDF}: 474.0/15$

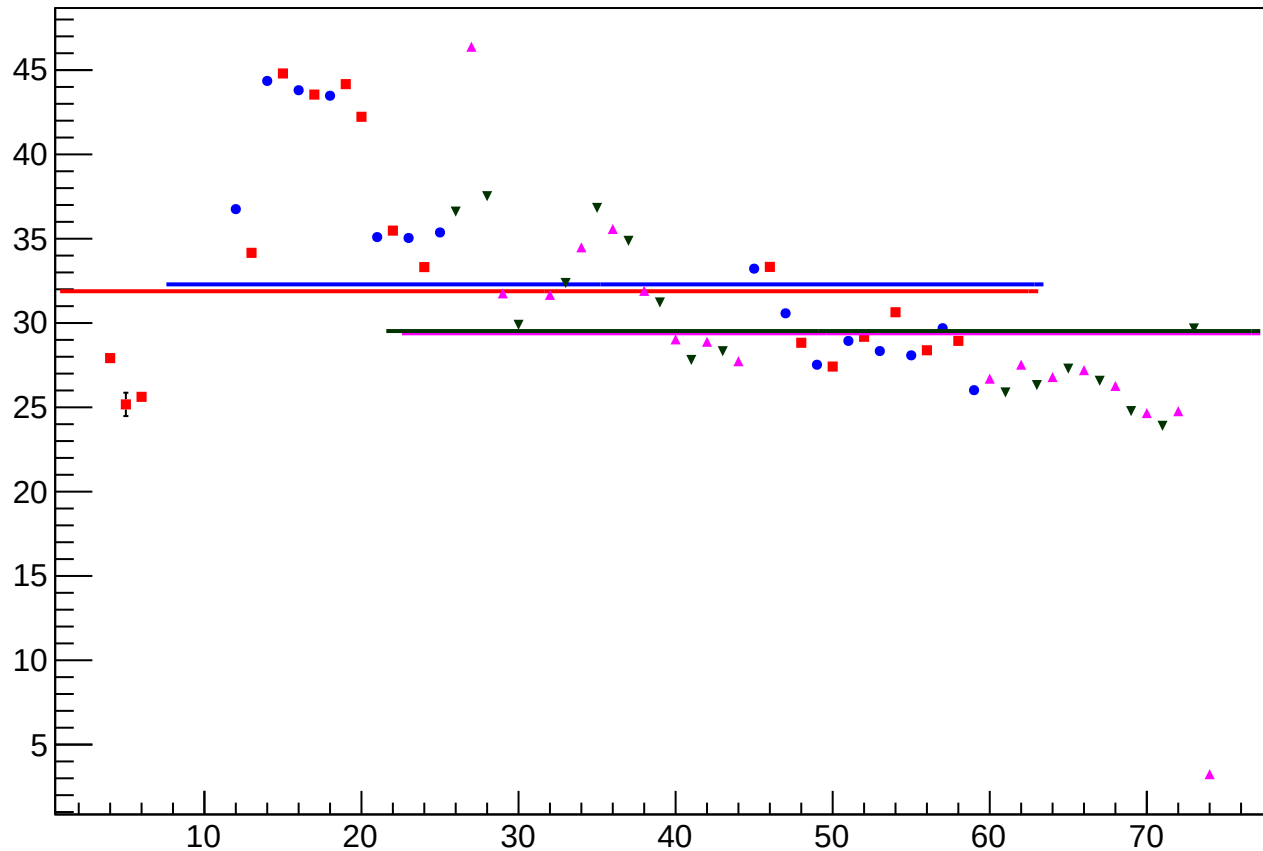
6.771 ± 0.087 $\chi^2/\text{NDF}: 3683.5/30$

Right Out: 9.044 ± 0.125 $\chi^2/\text{NDF}: 6185.2/16$

7.106 ± 0.086 $\chi^2/\text{NDF}: 7422.5/33$

Left In: 5.348 ± 0.119 $\chi^2/\text{NDF}: 775.6/16$

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 32.292 ± 0.028 $\chi^2/\text{NDF}: 38133.2/14$

Left Out: 29.524 ± 0.025 $\chi^2/\text{NDF}: 24790.1/15$

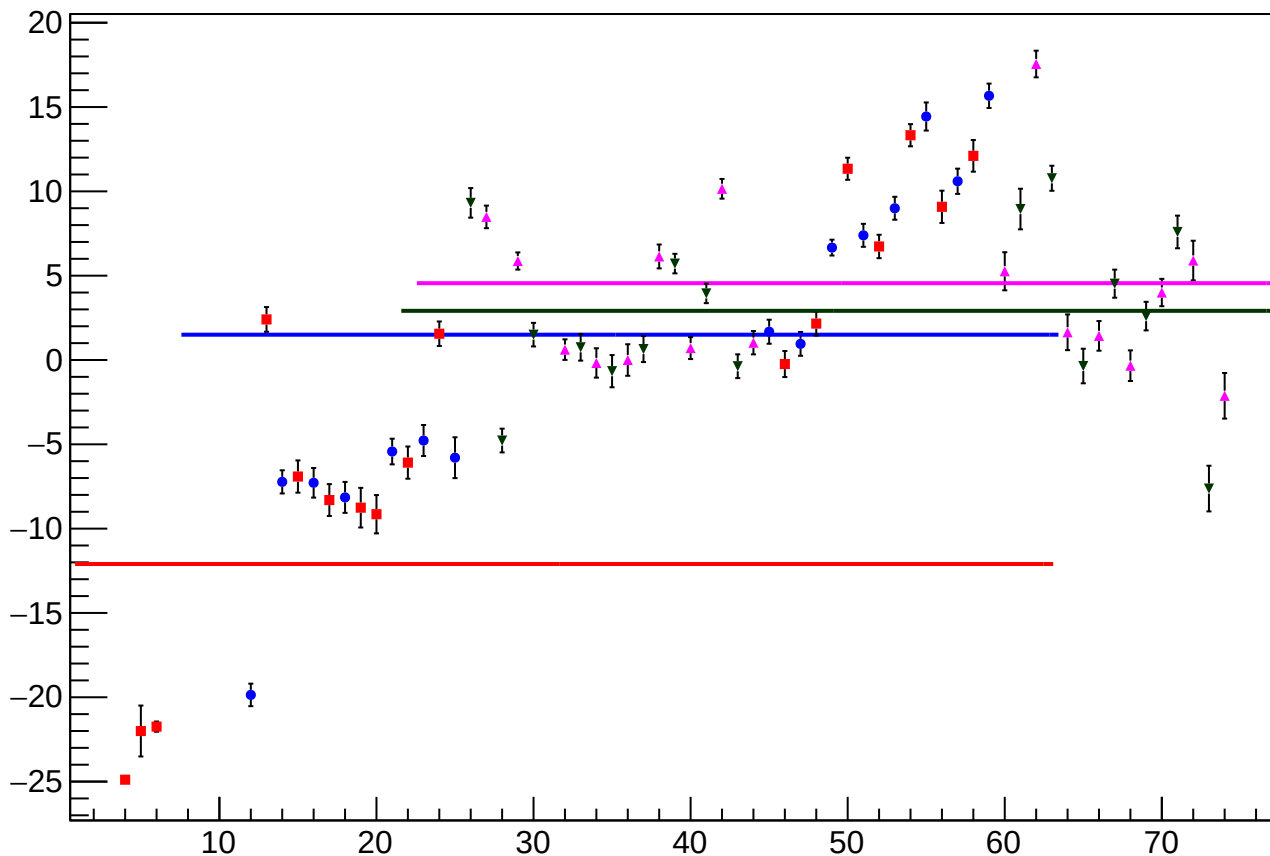
Right Out: 31.885 ± 0.030 $\chi^2/\text{NDF}: 29635.4/16$

Left In: 29.390 ± 0.024 $\chi^2/\text{NDF}: 48590.9/16$

30.722 ± 0.019 $\chi^2/\text{NDF}: 68395.2/30$

30.326 ± 0.019 $\chi^2/\text{NDF}: 82445.2/33$

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

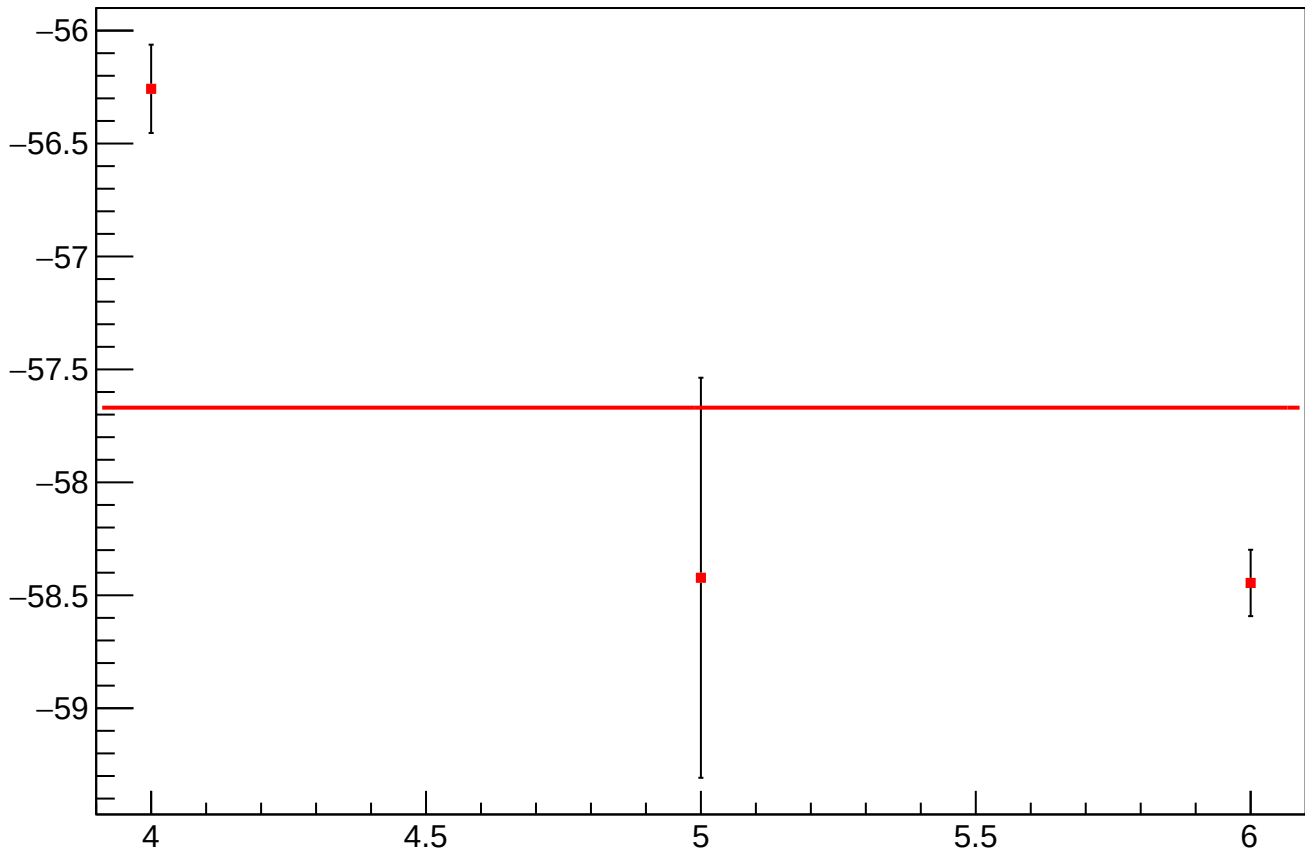
2.171 ± 0.136 χ^2/NDF : 3170.7/30

Right Out: -12.098 ± 0.142 χ^2/NDF : 9980.1/16

-5.917 ± 0.113 χ^2/NDF : 15711.4/33

Left In: 4.556 ± 0.185 χ^2/NDF : 640.1/16

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

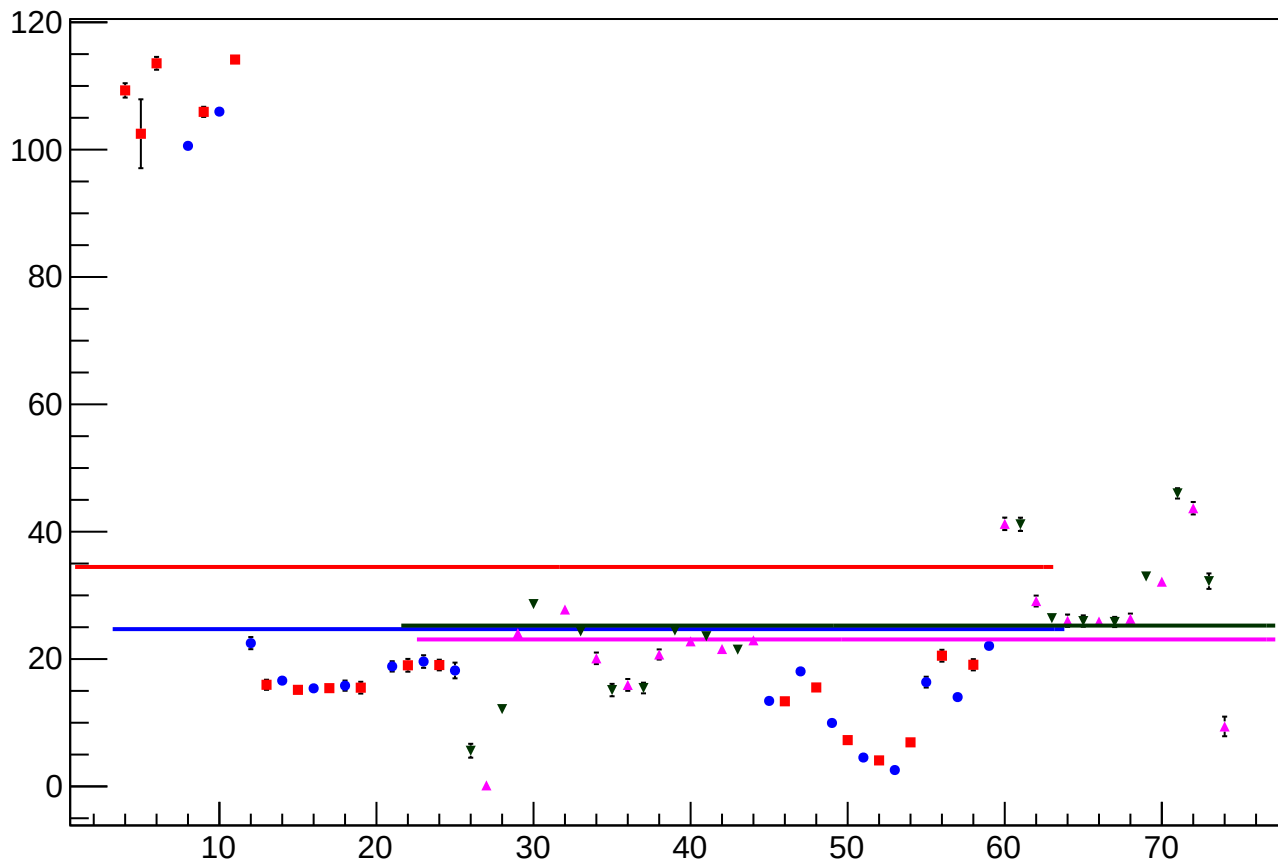
Right Out: -57.669+/-0.116 χ^2/NDF : 80.8/2

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

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 $\pm$ 0.168 χ^2 /NDF: 30246.3/16

Left Out: 25.256 $\pm$ 0.197 χ^2 /NDF: 2027.9/15

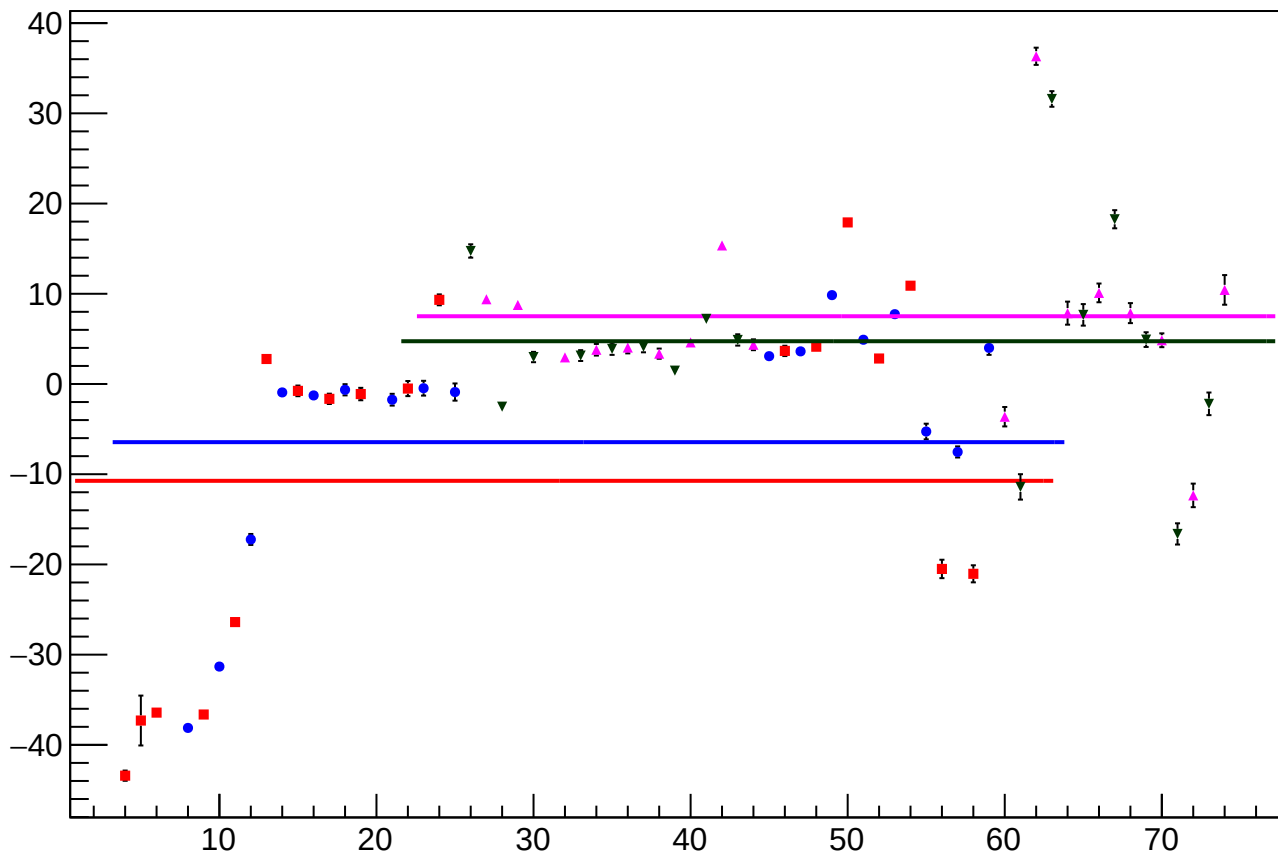
Right Out: 34.463 $\pm$ 0.188 χ^2 /NDF: 46407.0/17

Left In: 23.080 $\pm$ 0.180 χ^2 /NDF: 3155.7/16

24.935 $\pm$ 0.128 χ^2 /NDF: 32278.8/32

28.509 $\pm$ 0.130 χ^2 /NDF: 51475.7/34

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: -6.447 ± 0.124 χ^2/NDF : 16550.7/16

Left Out: 4.740 ± 0.170 χ^2/NDF : 2108.7/15

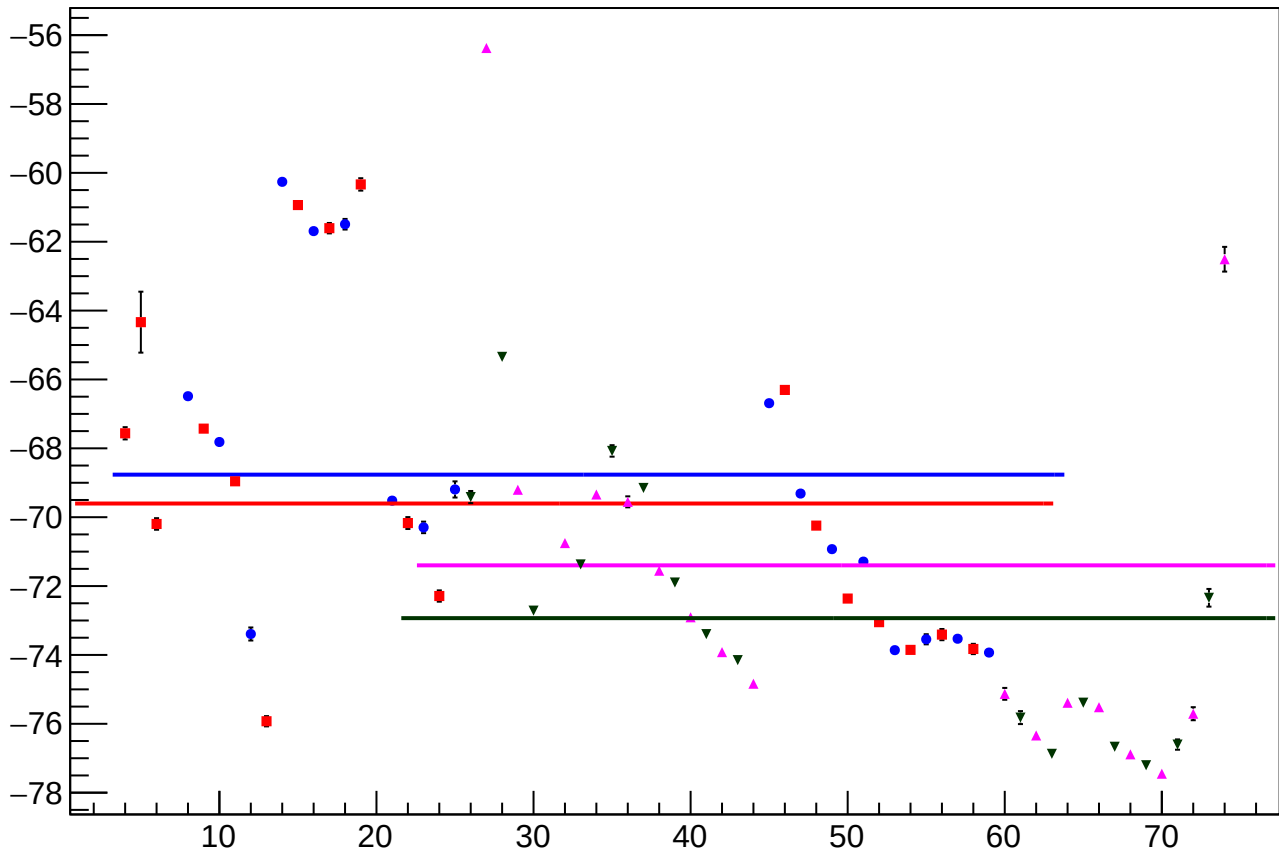
-2.571 ± 0.100 χ^2/NDF : 21484.6/32

Right Out: -10.733 ± 0.123 χ^2/NDF : 23422.3/17

-3.258 ± 0.095 χ^2/NDF : 34269.2/34

Left In: 7.509 ± 0.148 χ^2/NDF : 1855.5/16

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 $\chi^2/\text{NDF}: 10034.0/15$

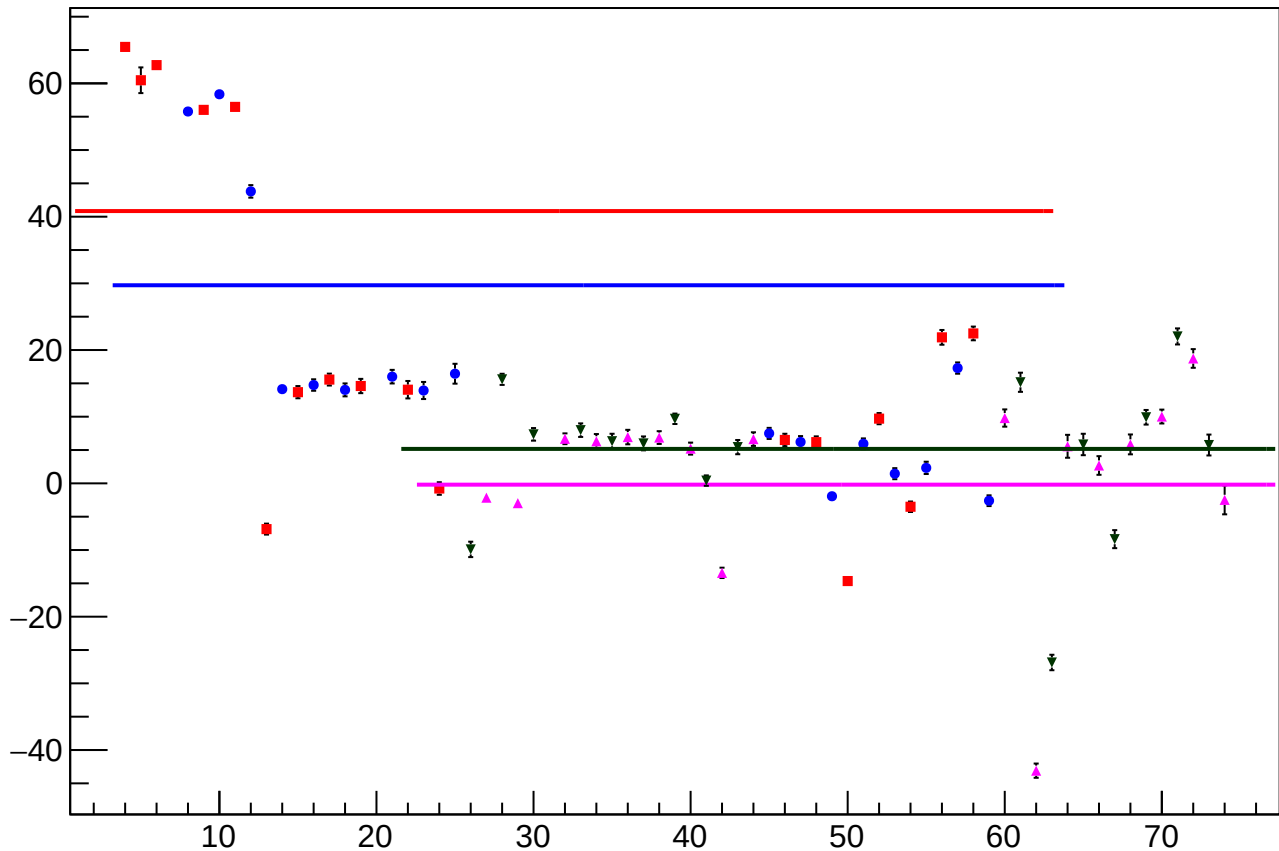
Right Out: -69.603 ± 0.033 $\chi^2/\text{NDF}: 16469.1/17$

Left In: -71.398 ± 0.031 $\chi^2/\text{NDF}: 35040.6/16$

-70.617 ± 0.023 $\chi^2/\text{NDF}: 38753.9/32$

-70.555 ± 0.023 $\chi^2/\text{NDF}: 53056.3/34$

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

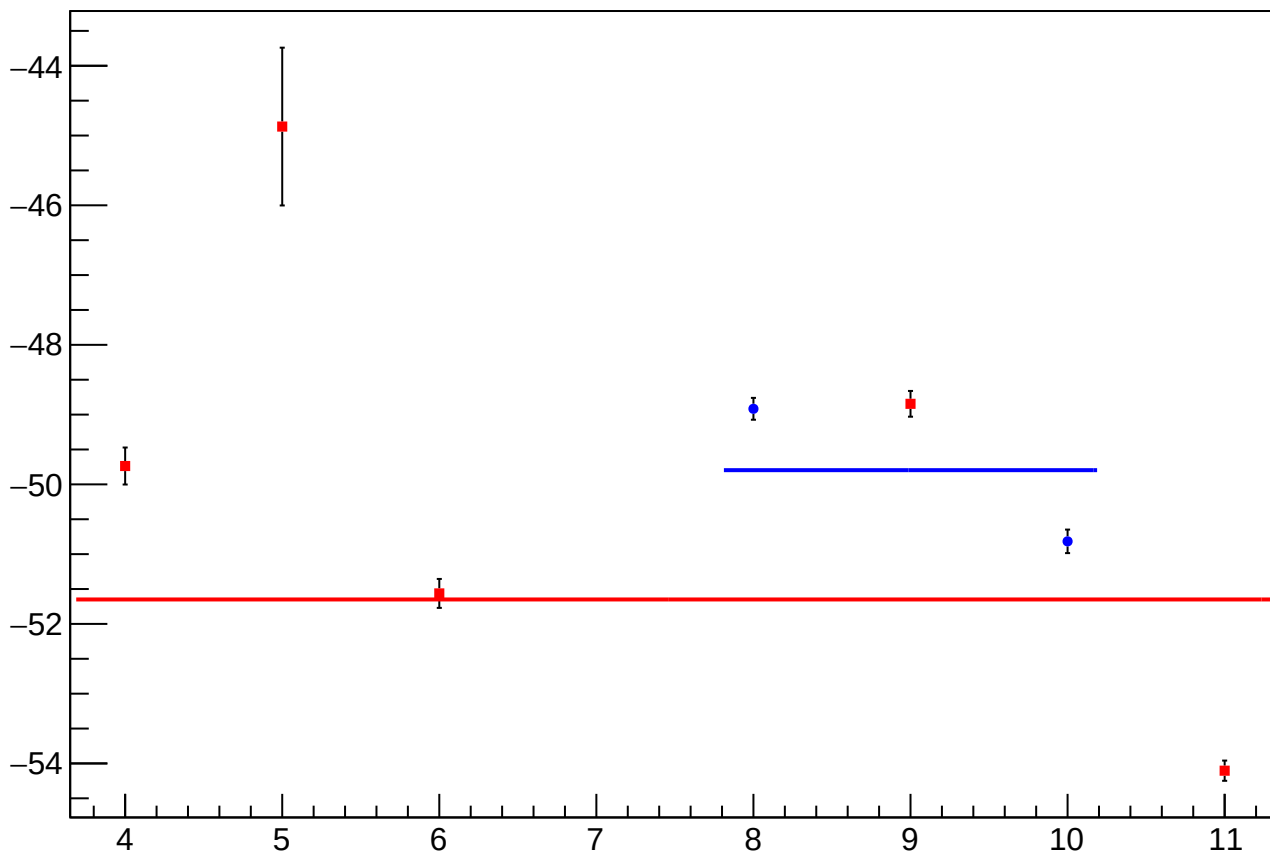
Right Out: 40.844 +/- 0.151 χ^2/NDF : 33241.3/17

Left In: -0.196 +/- 0.231 χ^2/NDF : 2593.6/16

22.892 +/- 0.140 χ^2/NDF : 30544.1/32

28.589 +/- 0.126 χ^2/NDF : 58025.3/34

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

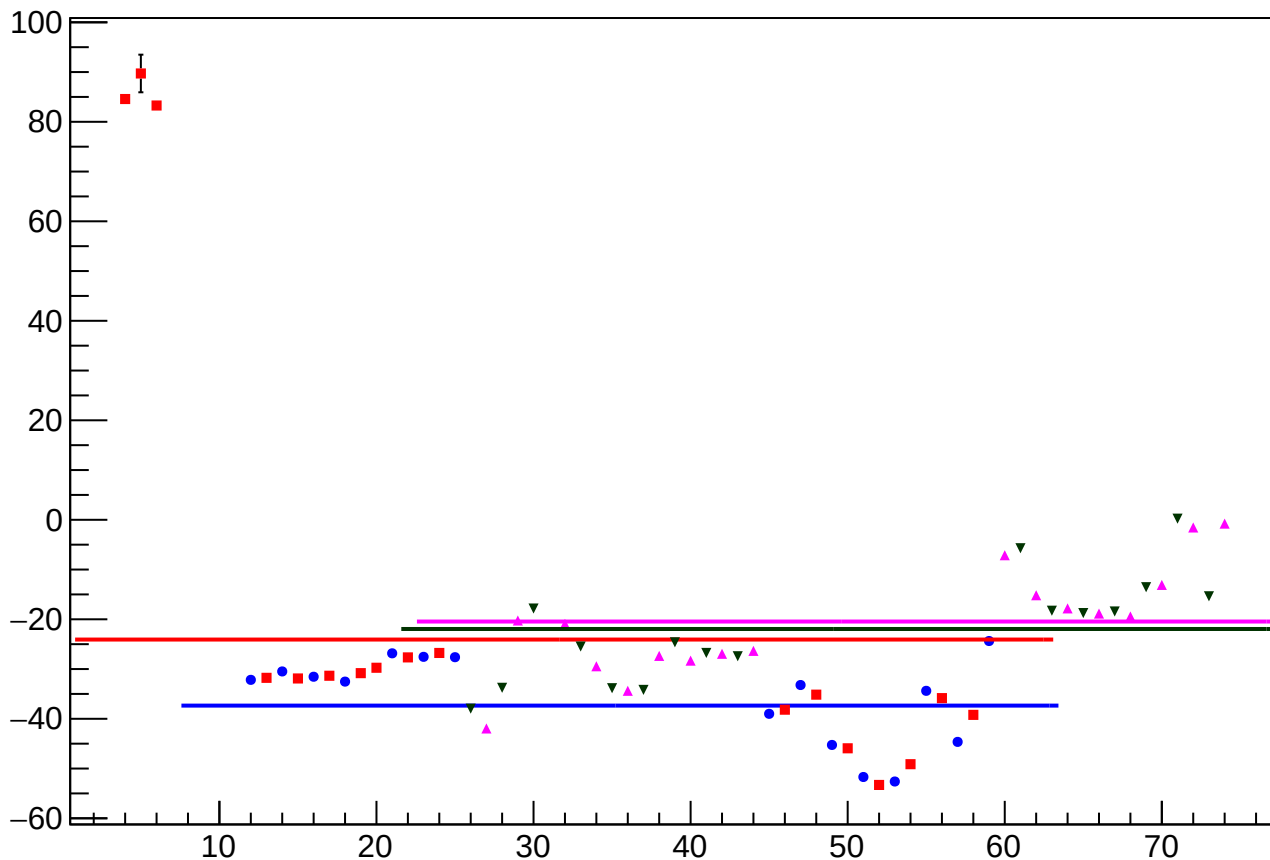
Right Out: -51.650 ± 0.093 χ^2/NDF : 605.7/4

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

-49.796 ± 0.115 χ^2/NDF : 68.2/1

-51.650 ± 0.093 χ^2/NDF : 605.7/4

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -37.349 ± 0.147 $\chi^2/\text{NDF}: 3690.9/14$

Left Out: -21.948 ± 0.134 $\chi^2/\text{NDF}: 4274.4/15$

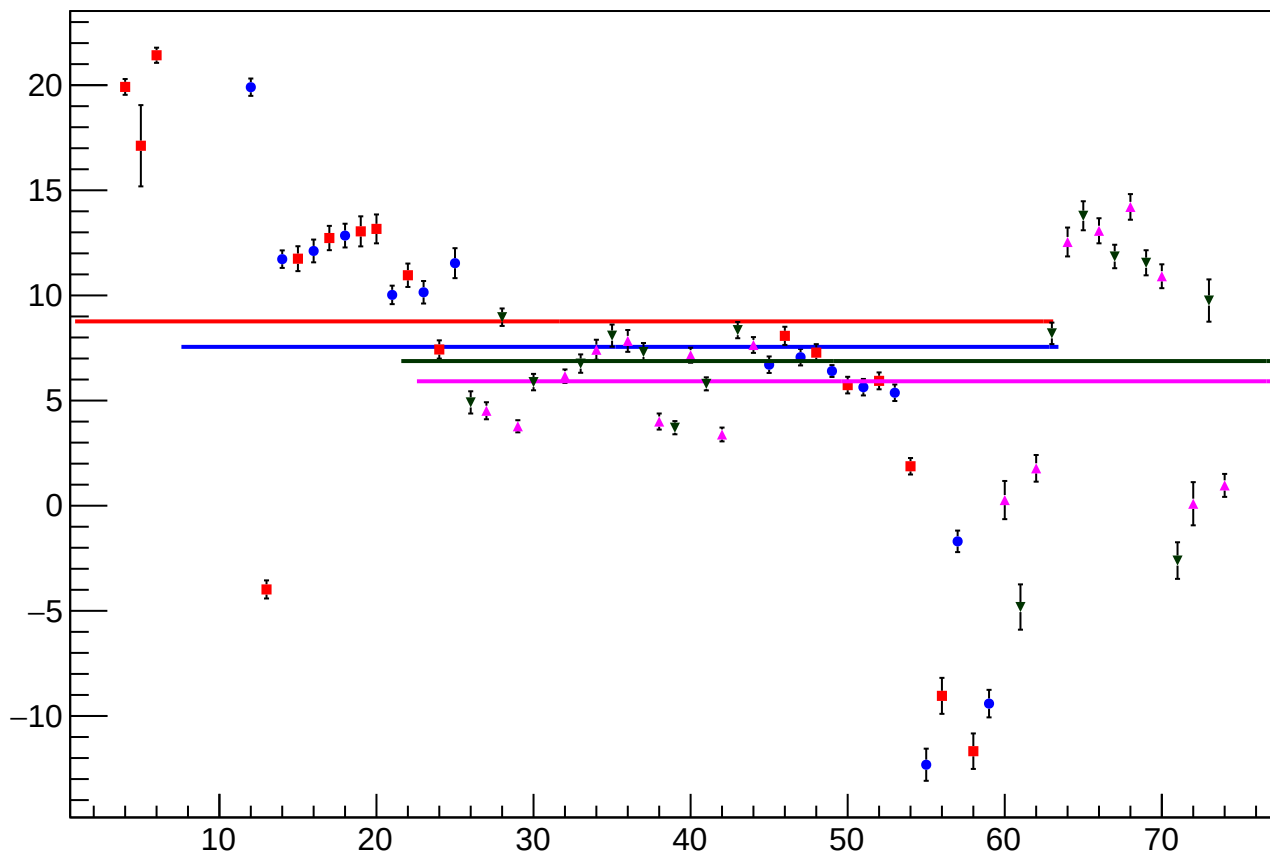
Right Out: -24.071 ± 0.163 $\chi^2/\text{NDF}: 57062.1/16$

Left In: -20.449 ± 0.123 $\chi^2/\text{NDF}: 5383.3/16$

-28.910 ± 0.099 $\chi^2/\text{NDF}: 13956.1/30$

-21.758 ± 0.098 $\chi^2/\text{NDF}: 62758.9/33$

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 $\chi^2/\text{NDF}: 672.8/15$

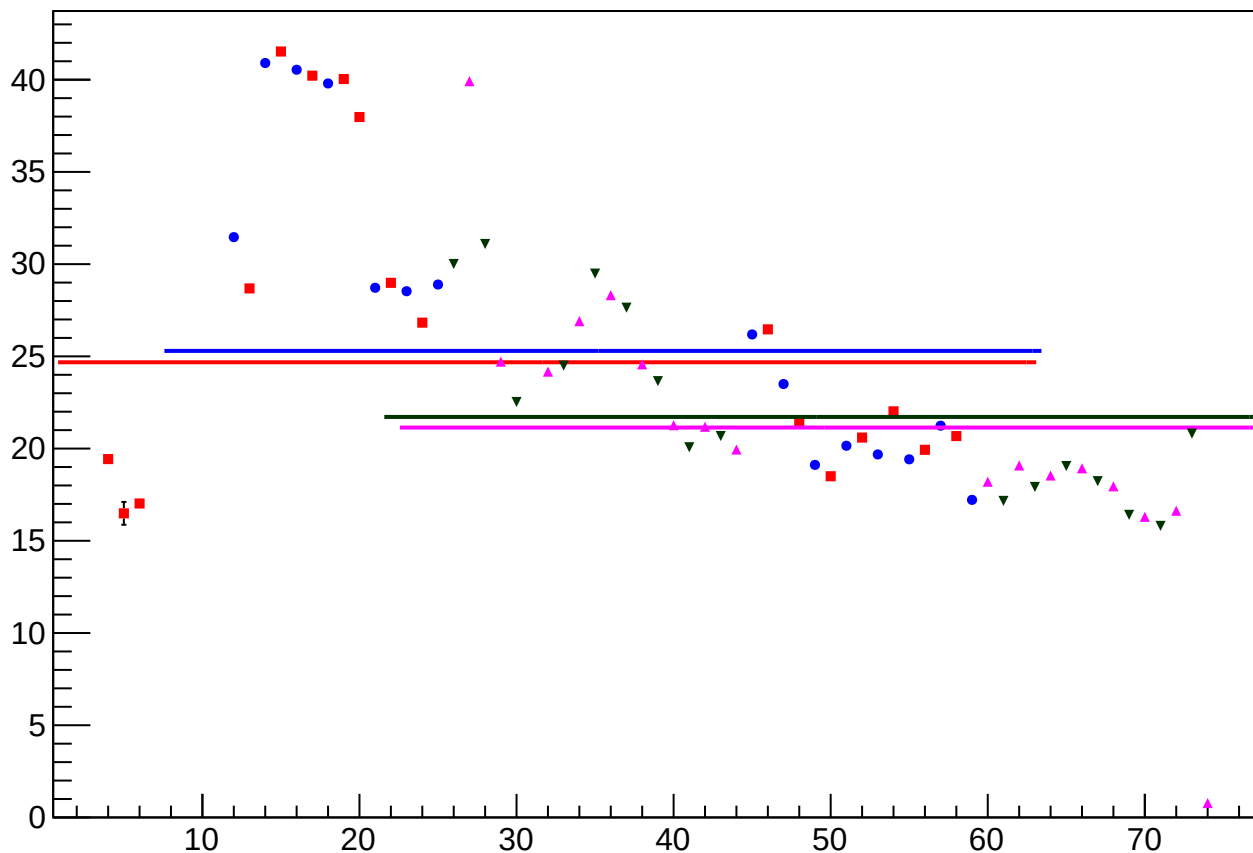
Right Out: 8.765 ± 0.118 $\chi^2/\text{NDF}: 4632.7/16$

Left In: 5.917 ± 0.108 $\chi^2/\text{NDF}: 903.5/16$

7.222 ± 0.082 $\chi^2/\text{NDF}: 3685.4/30$

7.221 ± 0.080 $\chi^2/\text{NDF}: 5854.1/33$

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

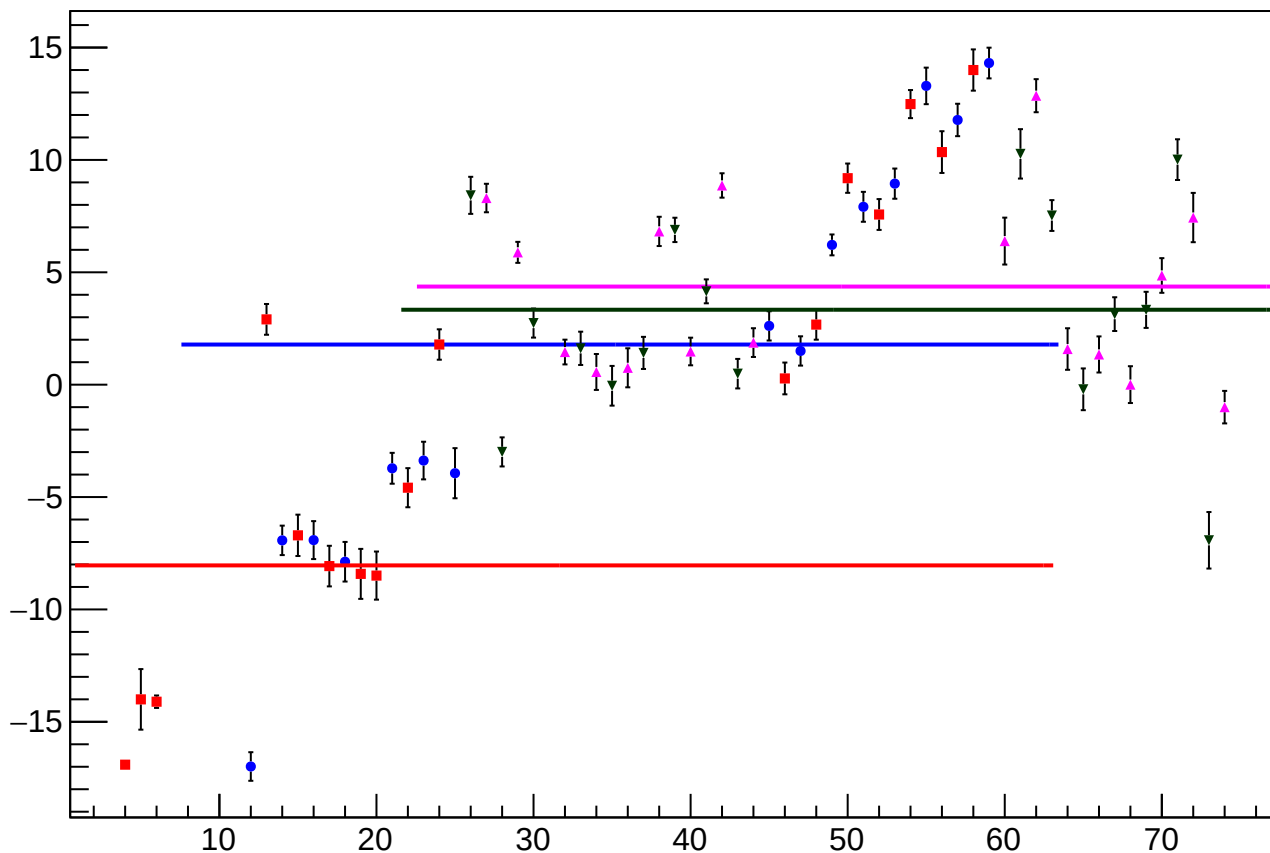
Right Out: 24.679 $\pm$ 0.029 χ^2 /NDF: 55972.1/16

Left In: 21.141 $\pm$ 0.021 χ^2 /NDF: 80474.5/16

23.214 $\pm$ 0.017 χ^2 /NDF: 118681.9/30

22.400 $\pm$ 0.017 χ^2 /NDF: 146221.8/33

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 1.786 ± 0.179 χ^2/NDF : 2422.2/14

Left Out: 3.334 ± 0.183 χ^2/NDF : 438.8/15

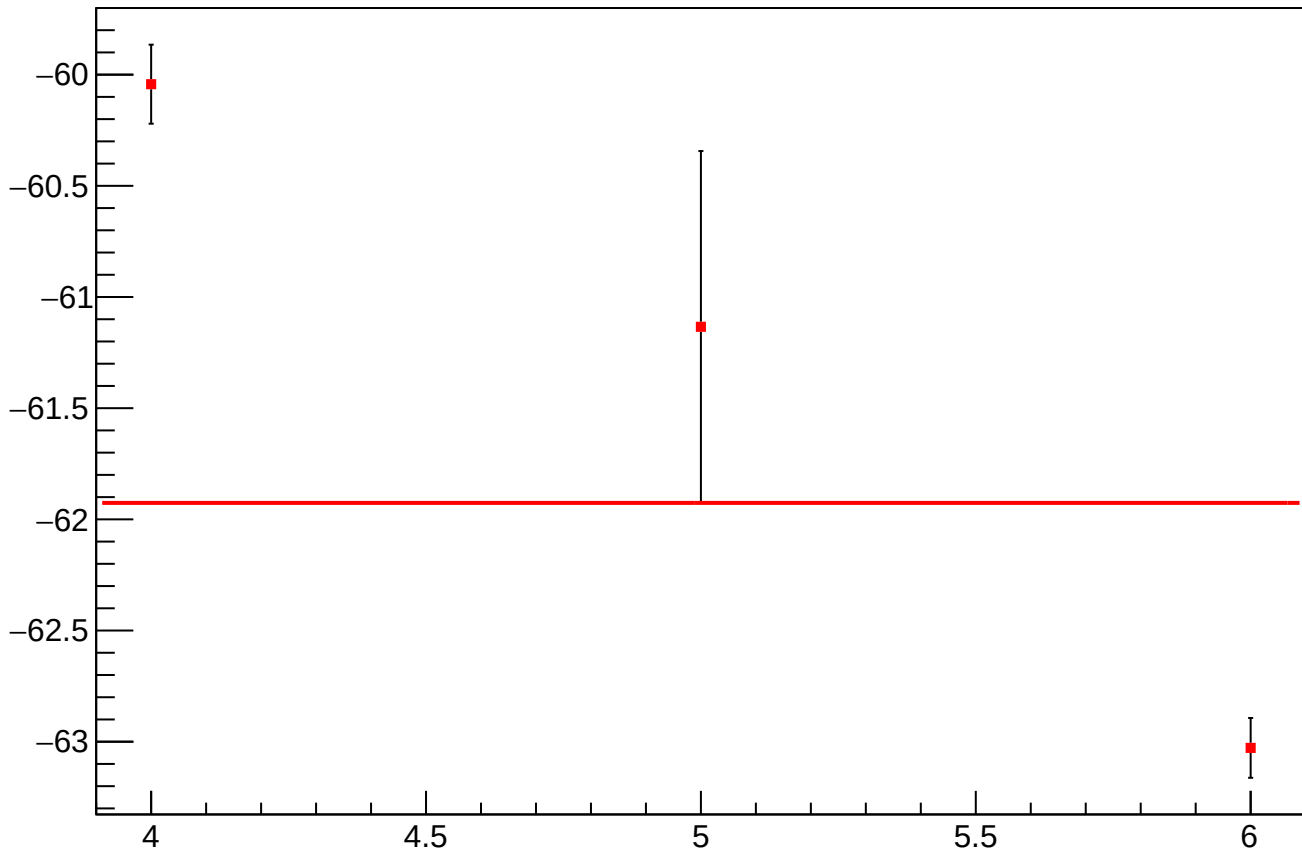
Right Out: -8.041 ± 0.132 χ^2/NDF : 6256.6/16

Left In: 4.366 ± 0.168 χ^2/NDF : 489.3/16

2.543 ± 0.128 χ^2/NDF : 2897.6/30

-3.301 ± 0.104 χ^2/NDF : 10123.8/33

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

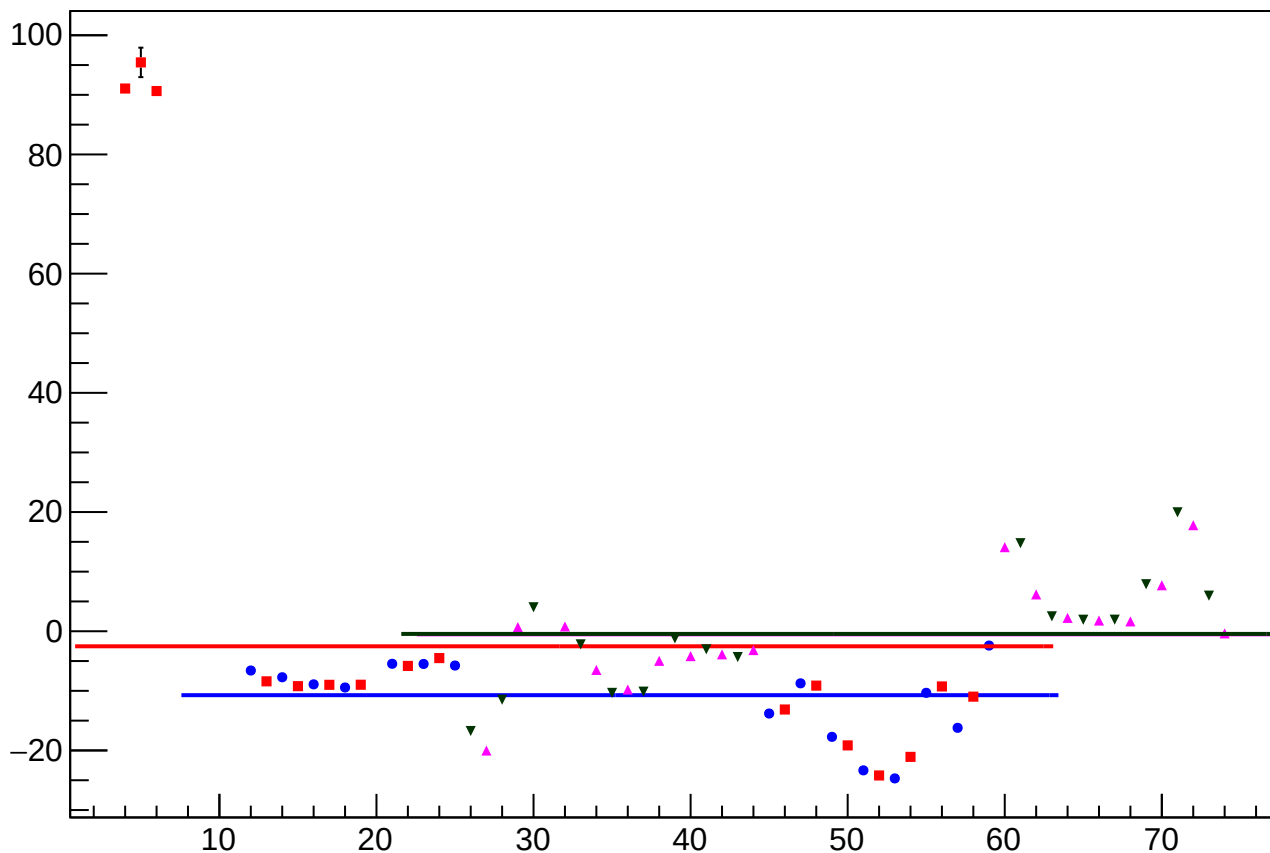
0.000+/-0.000 χ^2/NDF : 0.0/0

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

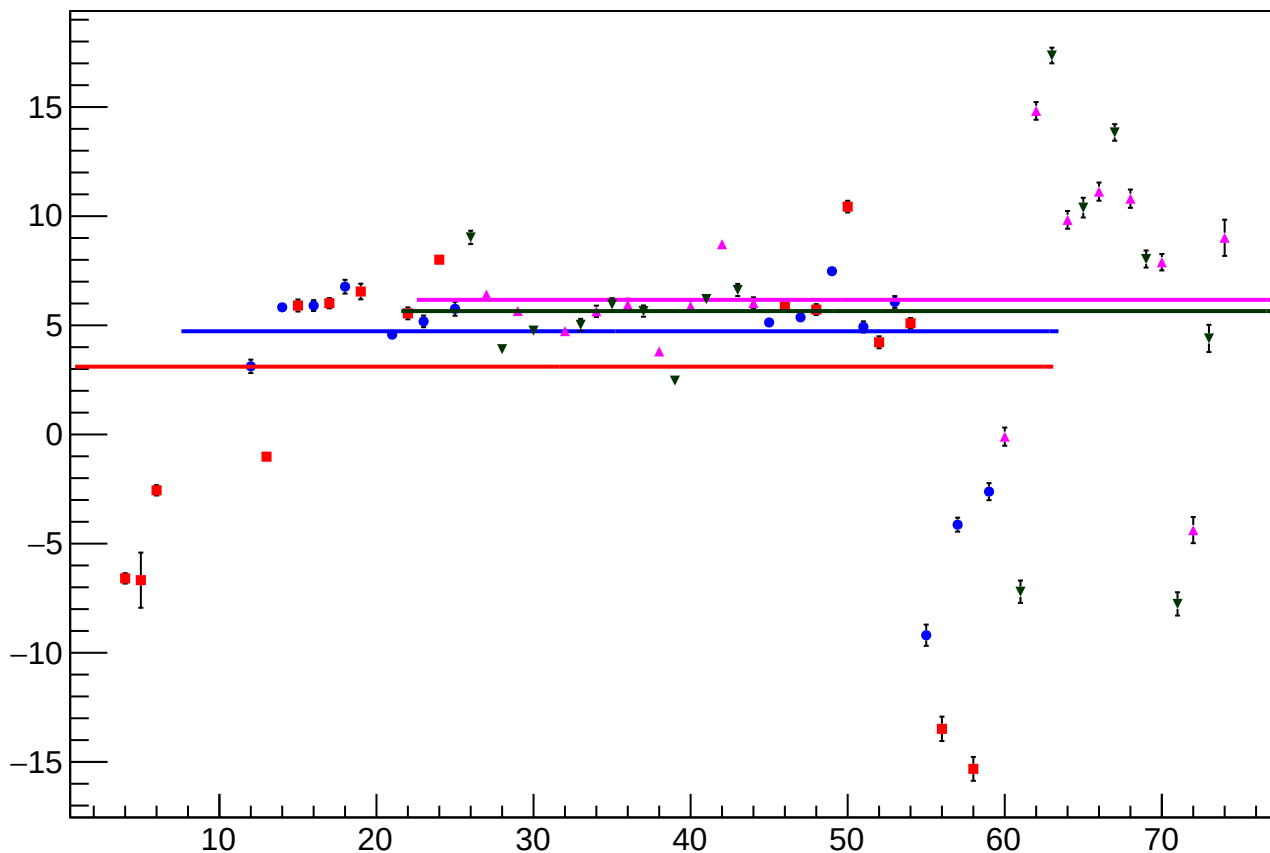
Right Out: -2.526 ± 0.093 χ^2/NDF : 99081.3/15

Left In: -0.524 ± 0.074 χ^2/NDF : 10410.6/16

-5.649 ± 0.058 χ^2/NDF : 24385.8/30

-1.297 ± 0.058 χ^2/NDF : 109775.0/32

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

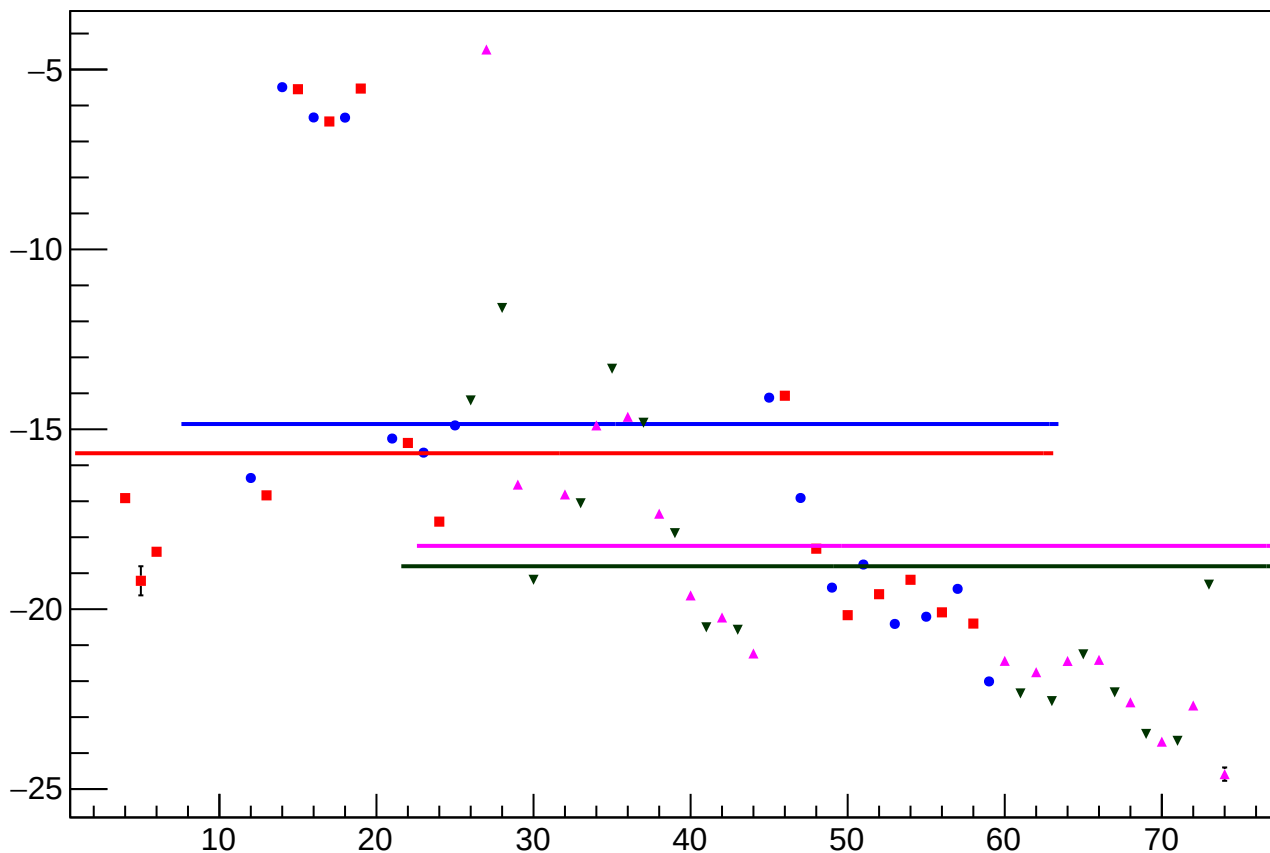
Right Out: 3.107+/-0.067 χ^2/NDF : 6725.2/15

Left In: 6.168+/-0.062 χ^2/NDF : 1742.7/16

5.140+/-0.047 χ^2/NDF : 5851.9/30

4.764+/-0.046 χ^2/NDF : 9585.8/32

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

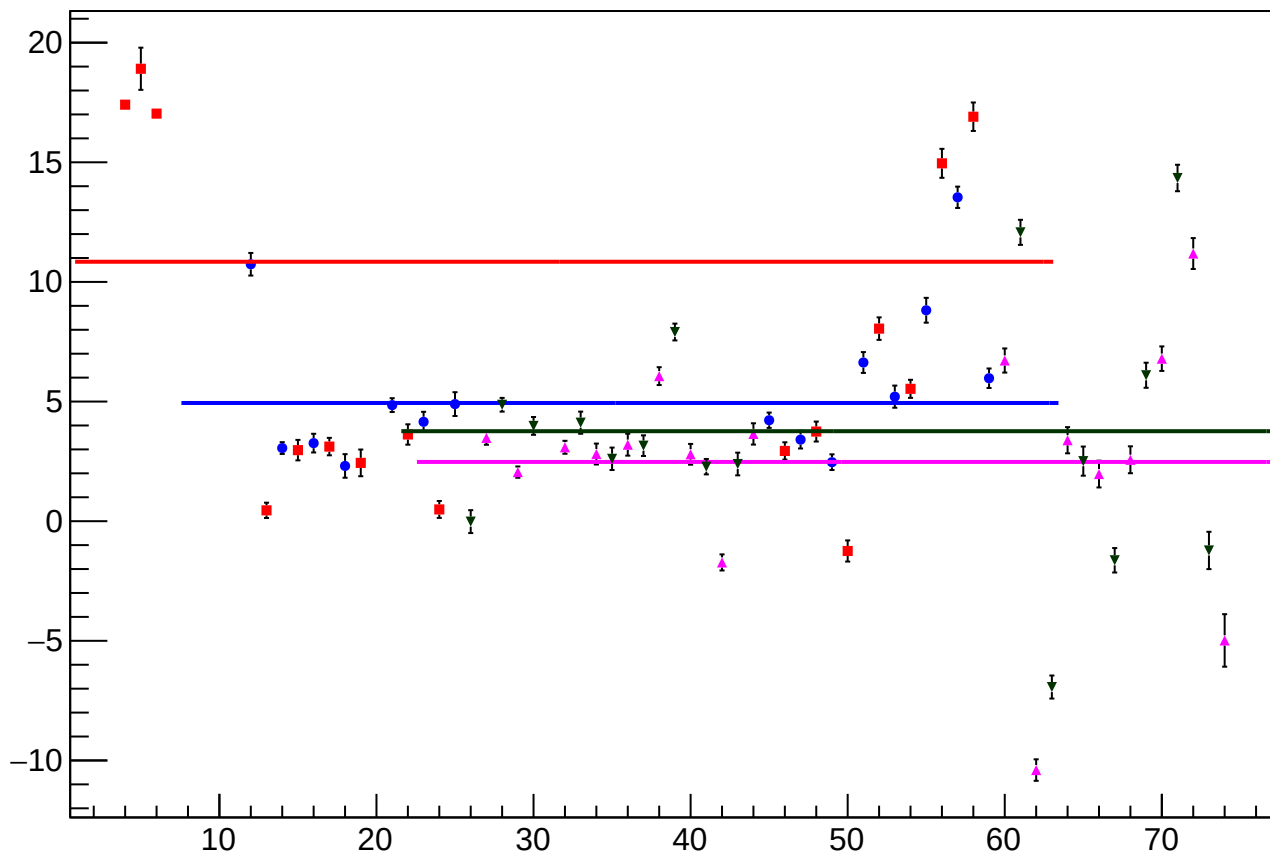
Right Out: -15.666 $\pm$ 0.016 χ^2 /NDF: 80721.9/15

Left In: -18.240 $\pm$ 0.013 χ^2 /NDF: 123755.3/16

-16.925 $\pm$ 0.010 χ^2 /NDF: 234752.6/30

-17.286 $\pm$ 0.010 χ^2 /NDF: 219911.0/32

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 $\chi^2/\text{NDF}: 1541.9/15$

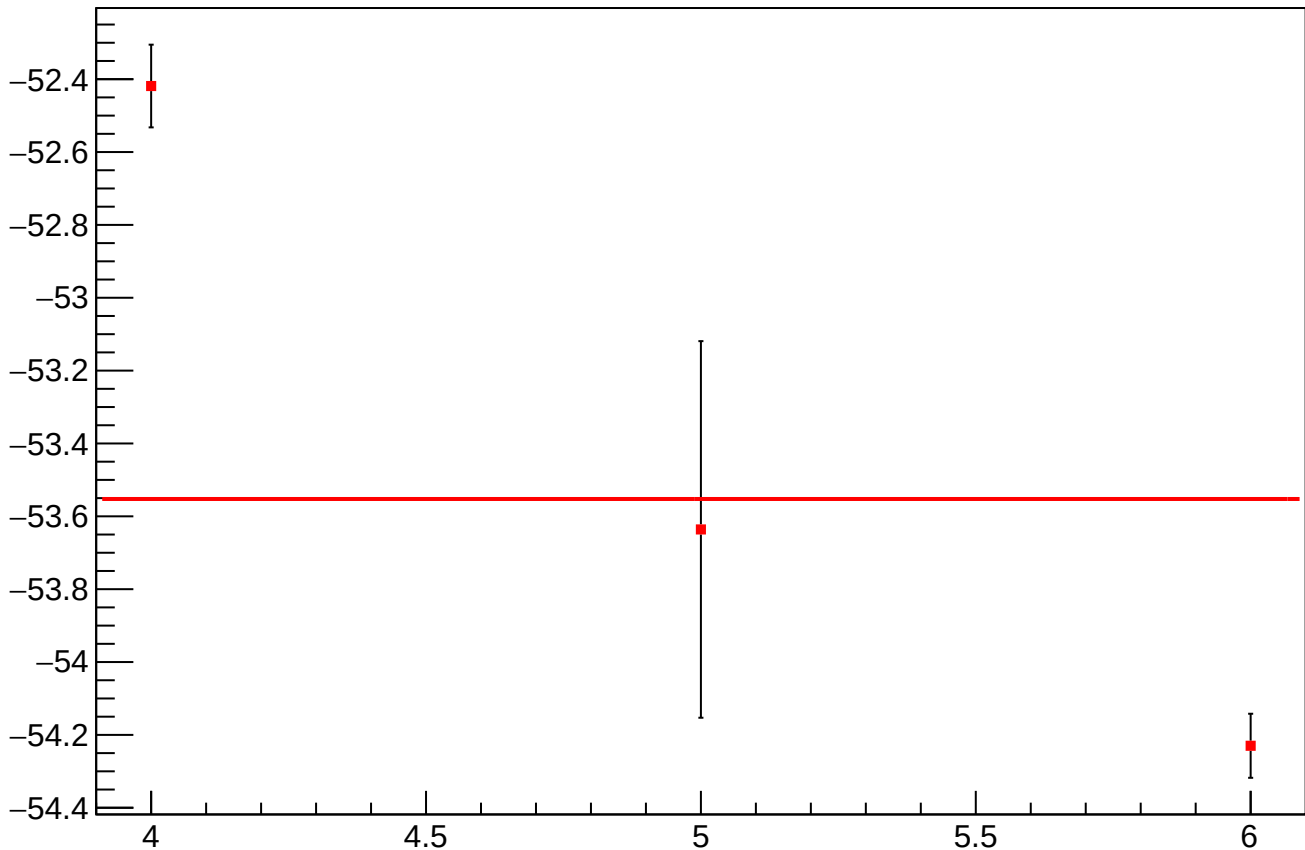
Right Out: 10.843 ± 0.079 $\chi^2/\text{NDF}: 8580.2/15$

Left In: 2.476 ± 0.097 $\chi^2/\text{NDF}: 1474.2/16$

4.417 ± 0.073 $\chi^2/\text{NDF}: 2394.8/30$

7.494 ± 0.062 $\chi^2/\text{NDF}: 14489.8/32$

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

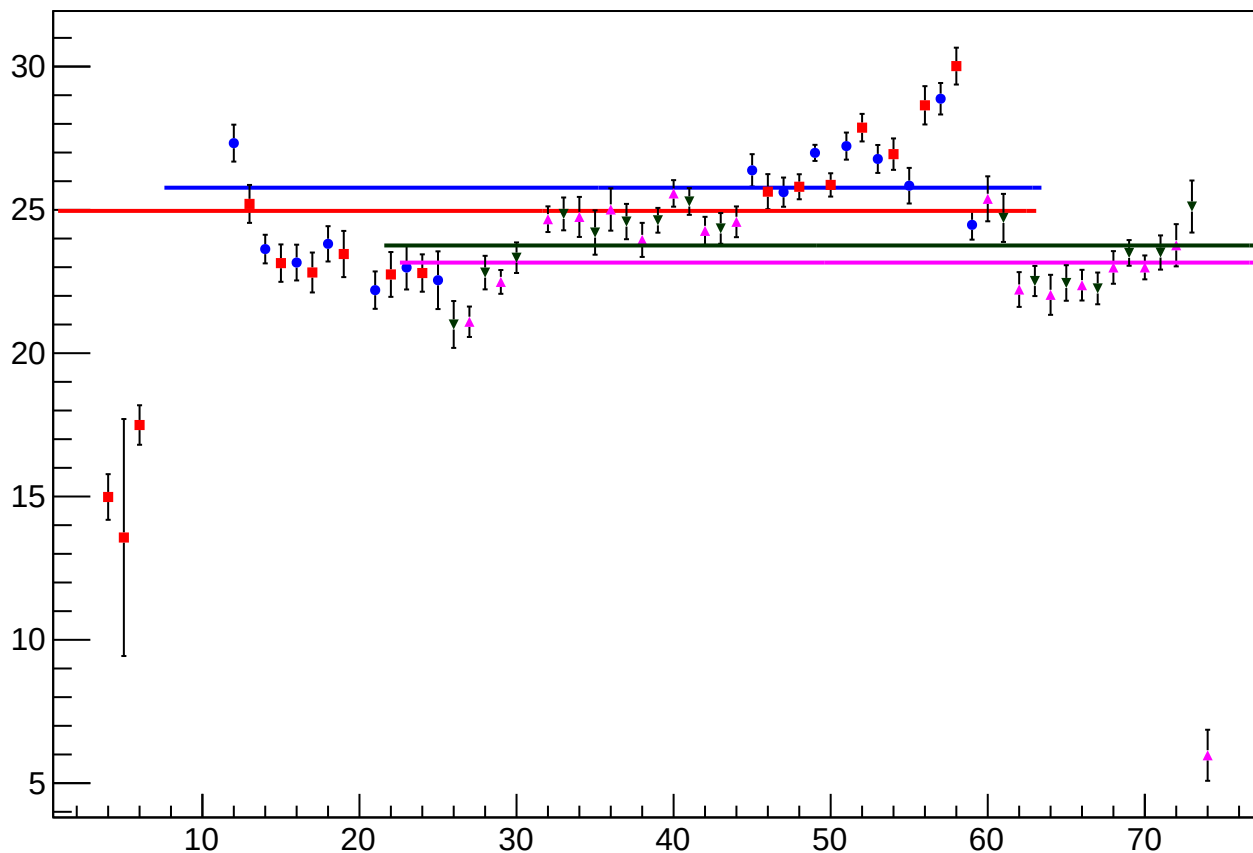
0.000+/-0.000 χ^2/NDF : 0.0/0

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

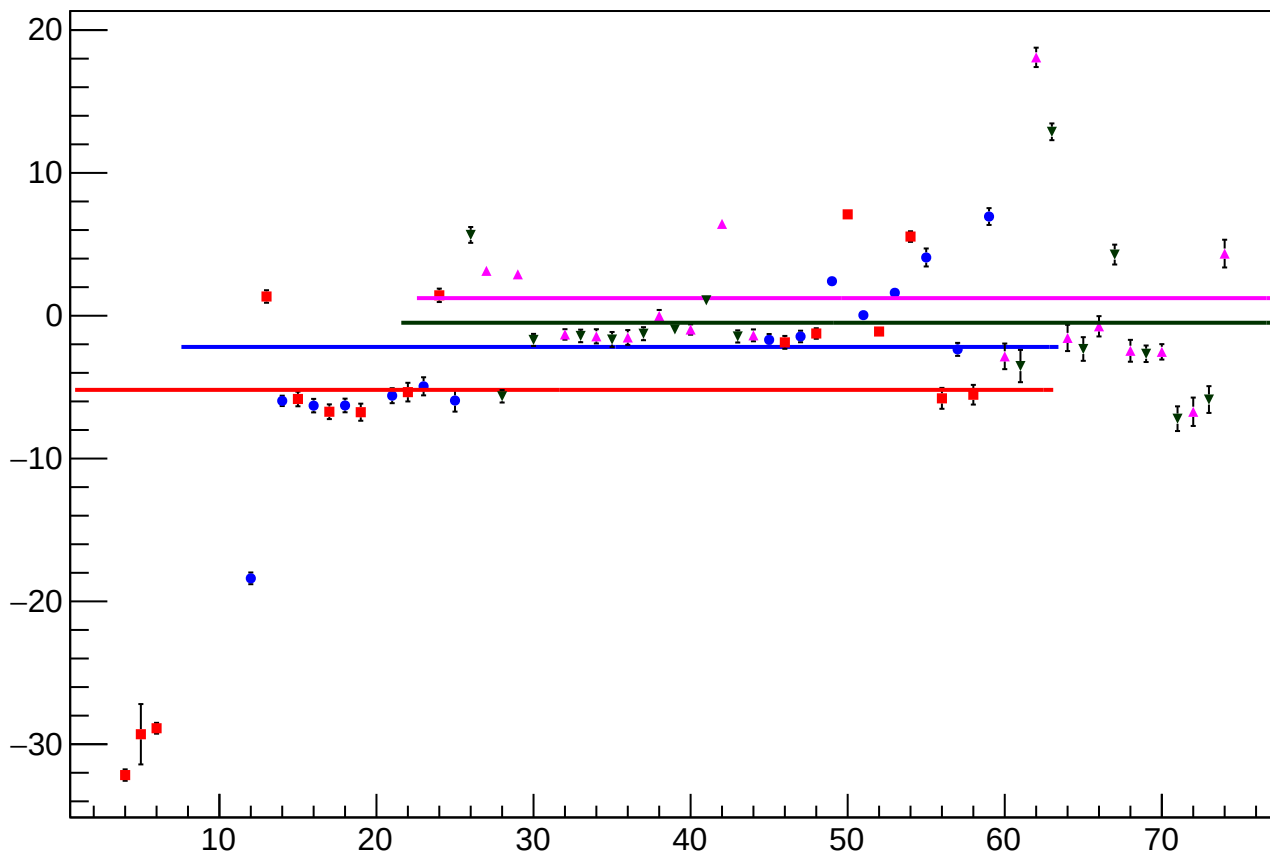
Right Out: 24.964 $\pm$ 0.154 χ^2 /NDF: 473.7/15

Left In: 23.160 $\pm$ 0.135 χ^2 /NDF: 470.6/16

24.825 $\pm$ 0.098 χ^2 /NDF: 339.9/30

23.943 $\pm$ 0.101 χ^2 /NDF: 1022.2/32

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -2.185+/-0.106 χ^2/NDF : 2801.4/14

Left Out: -0.491+/-0.125 χ^2/NDF : 995.7/15

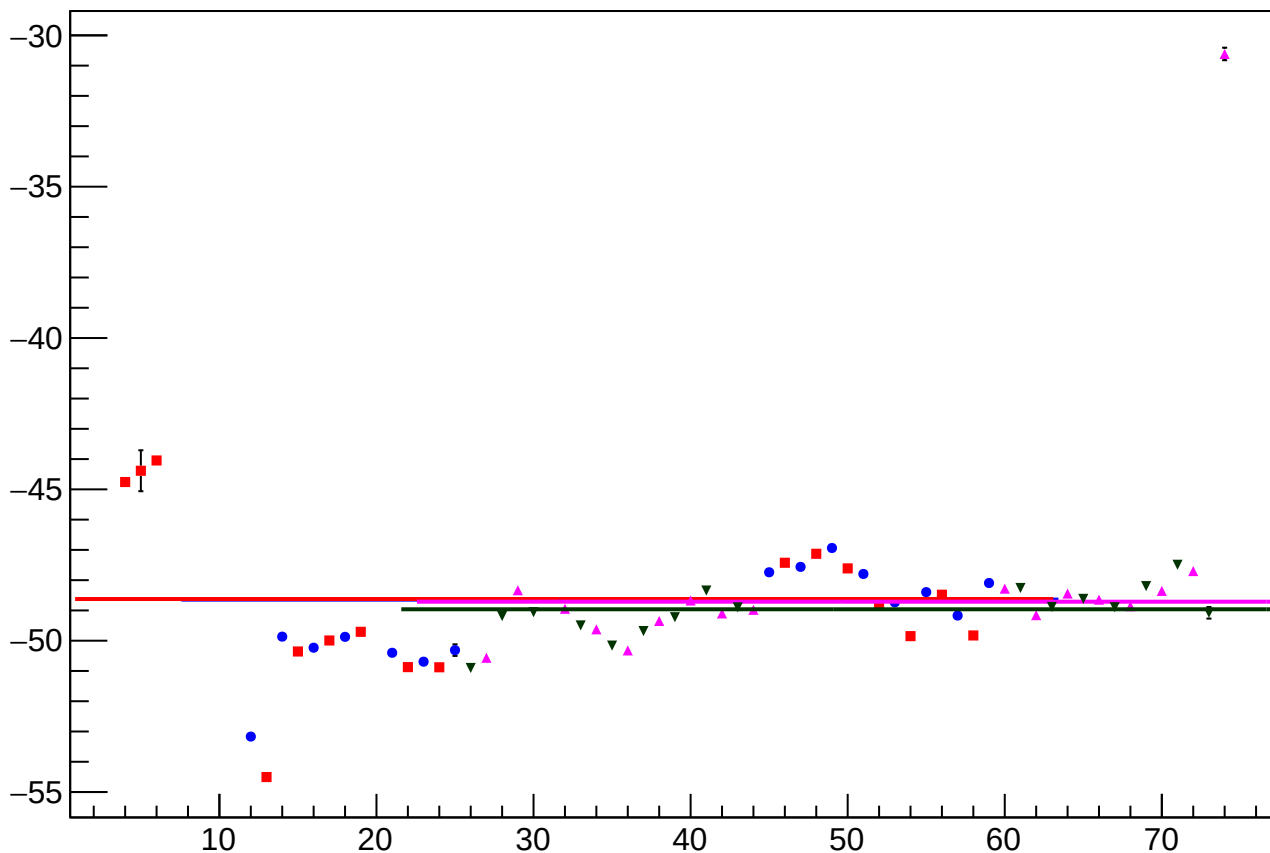
Right Out: -5.191+/-0.113 χ^2/NDF : 11729.7/15

Left In: 1.232+/-0.115 χ^2/NDF : 1280.5/16

-1.474+/-0.081 χ^2/NDF : 3903.9/30

-2.030+/-0.080 χ^2/NDF : 14607.1/32

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.643 $\pm$ 0.025 χ^2 /NDF: 3560.8/14

Left Out: -48.962 $\pm$ 0.025 χ^2 /NDF: 751.8/15

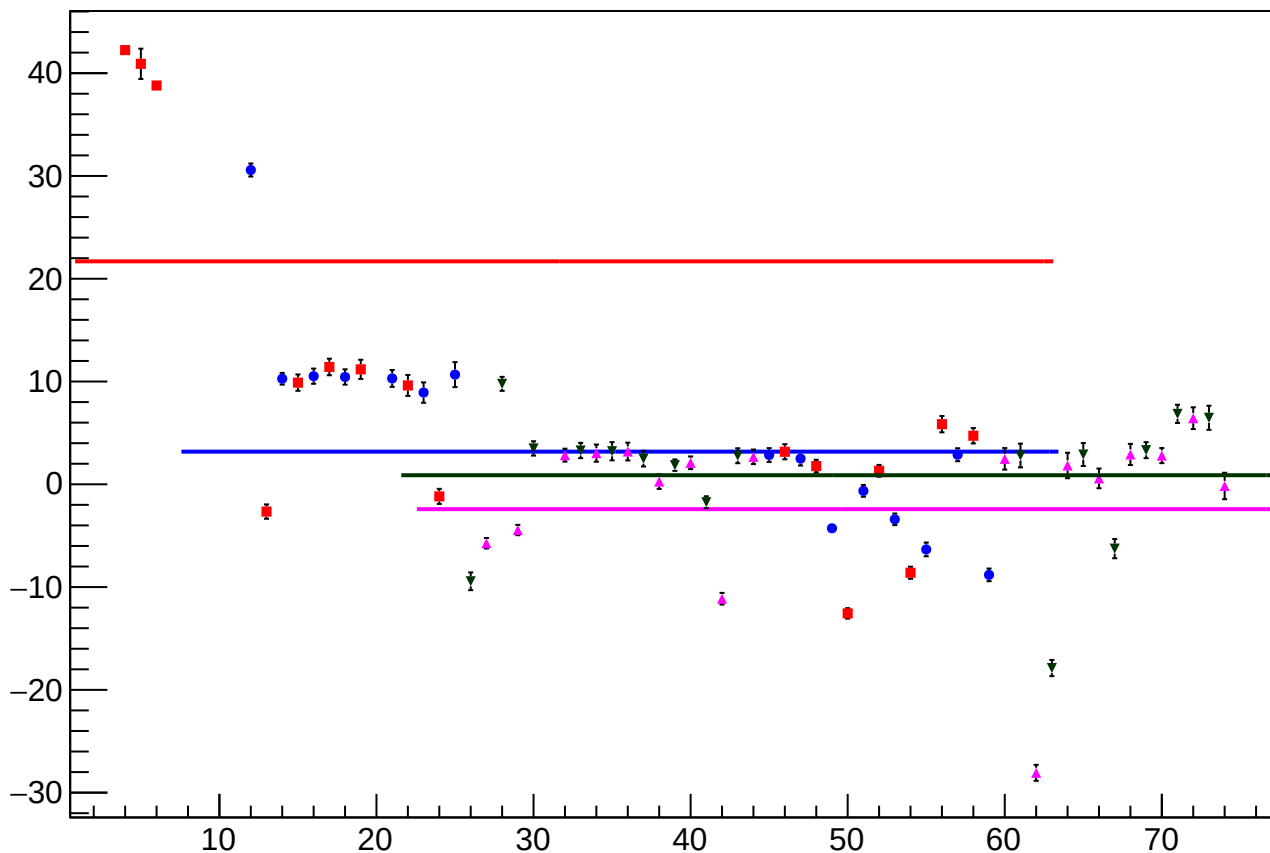
Right Out: -48.623 $\pm$ 0.027 χ^2 /NDF: 6762.8/15

Left In: -48.712 $\pm$ 0.023 χ^2 /NDF: 8438.6/16

-48.804 $\pm$ 0.017 χ^2 /NDF: 4396.0/30

-48.674 $\pm$ 0.018 χ^2 /NDF: 15207.5/32

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

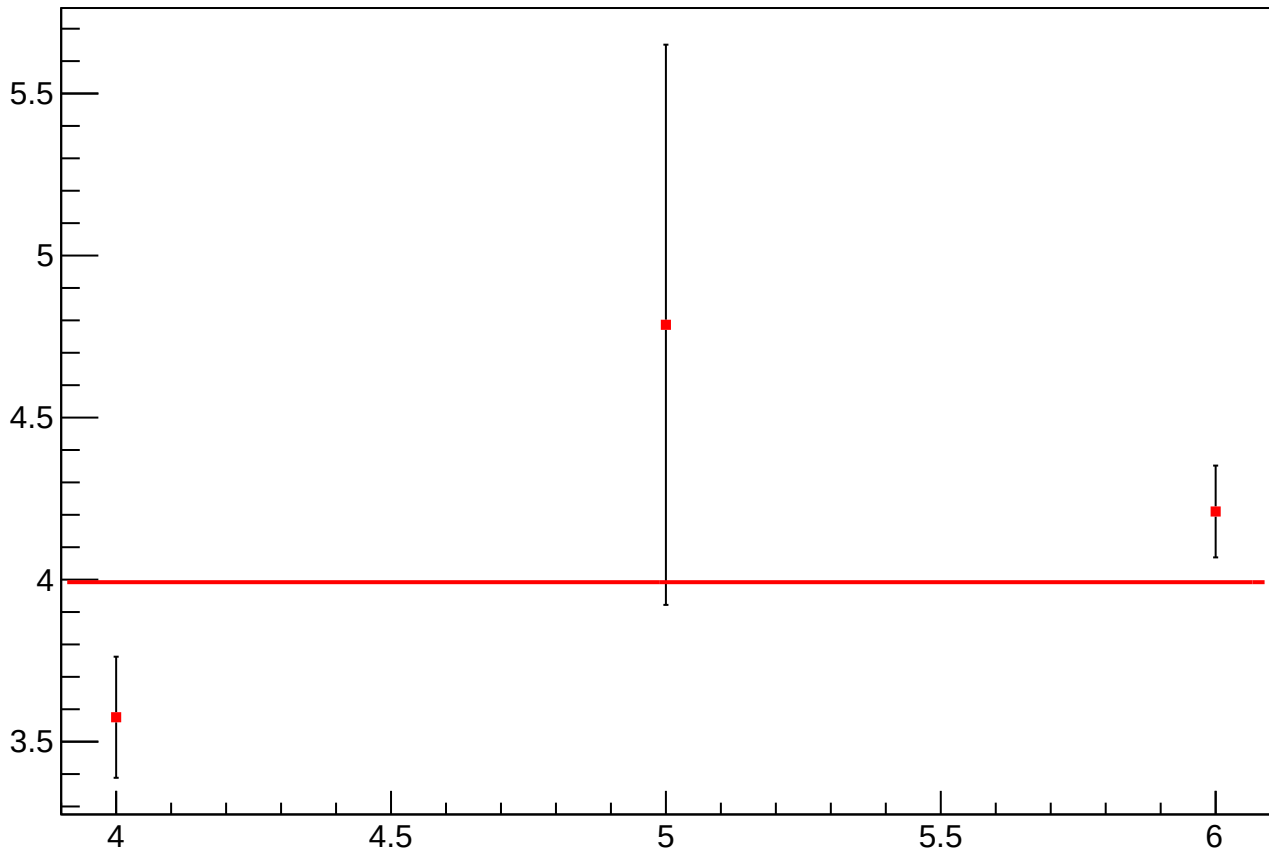
2.223+/-0.126 χ^2/NDF : 4665.5/30

Right Out: 21.693+/-0.133 χ^2/NDF : 24989.1/15

13.109+/-0.107 χ^2/NDF : 38583.6/32

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+/-0.000 χ^2/NDF : 0.0/0

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

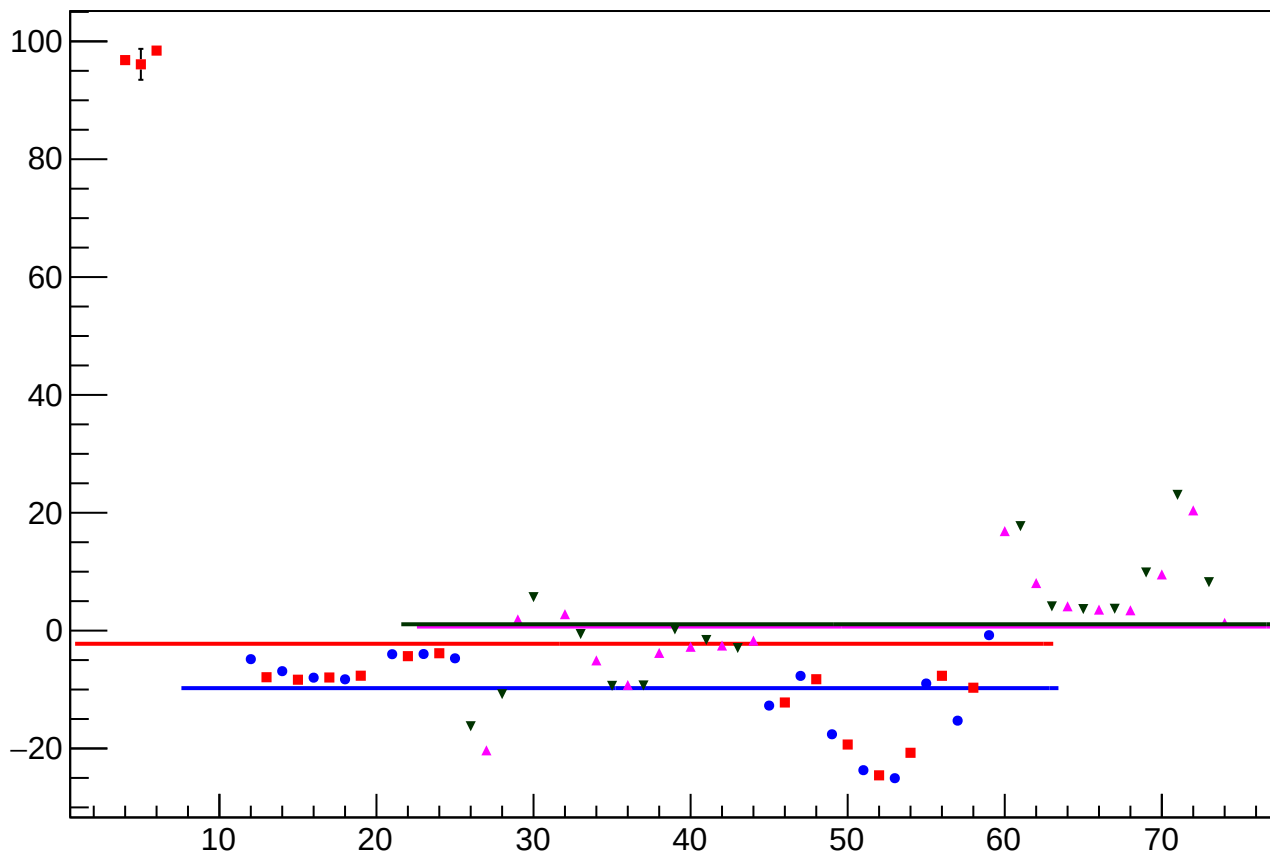
Right Out: 3.992+/-0.112 χ^2/NDF : 8.2/2

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

0.000+/-0.000 χ^2/NDF : 0.0/0

3.992+/-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

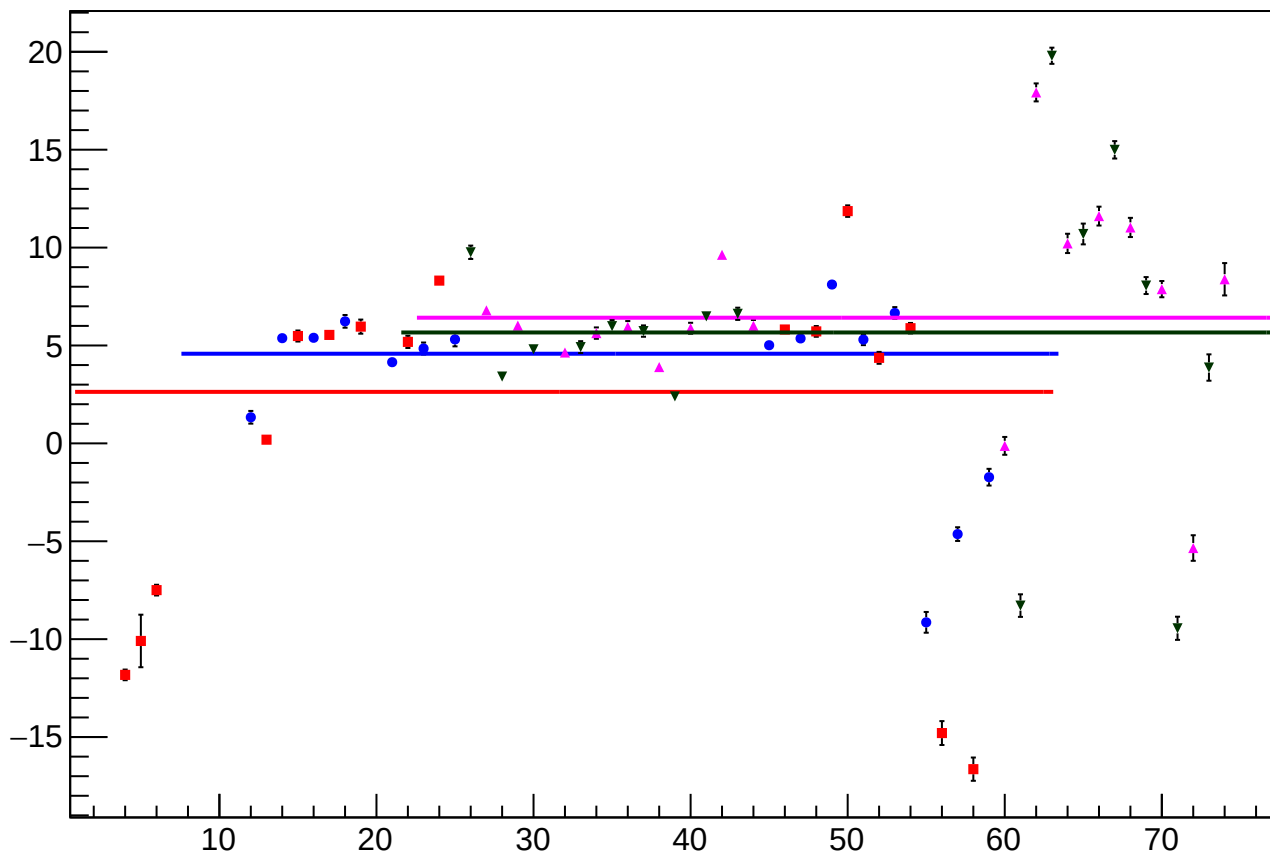
Right Out: -2.234 ± 0.101 χ^2/NDF : 84895.1/15

Left In: 0.685 ± 0.083 χ^2/NDF : 10592.2/16

-4.621 ± 0.063 χ^2/NDF : 22692.2/30

-0.490 ± 0.064 χ^2/NDF : 95986.7/32

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 4.579+/-0.068 χ^2/NDF : 2079.4/14

Left Out: 5.665+/-0.079 χ^2/NDF : 3492.8/15

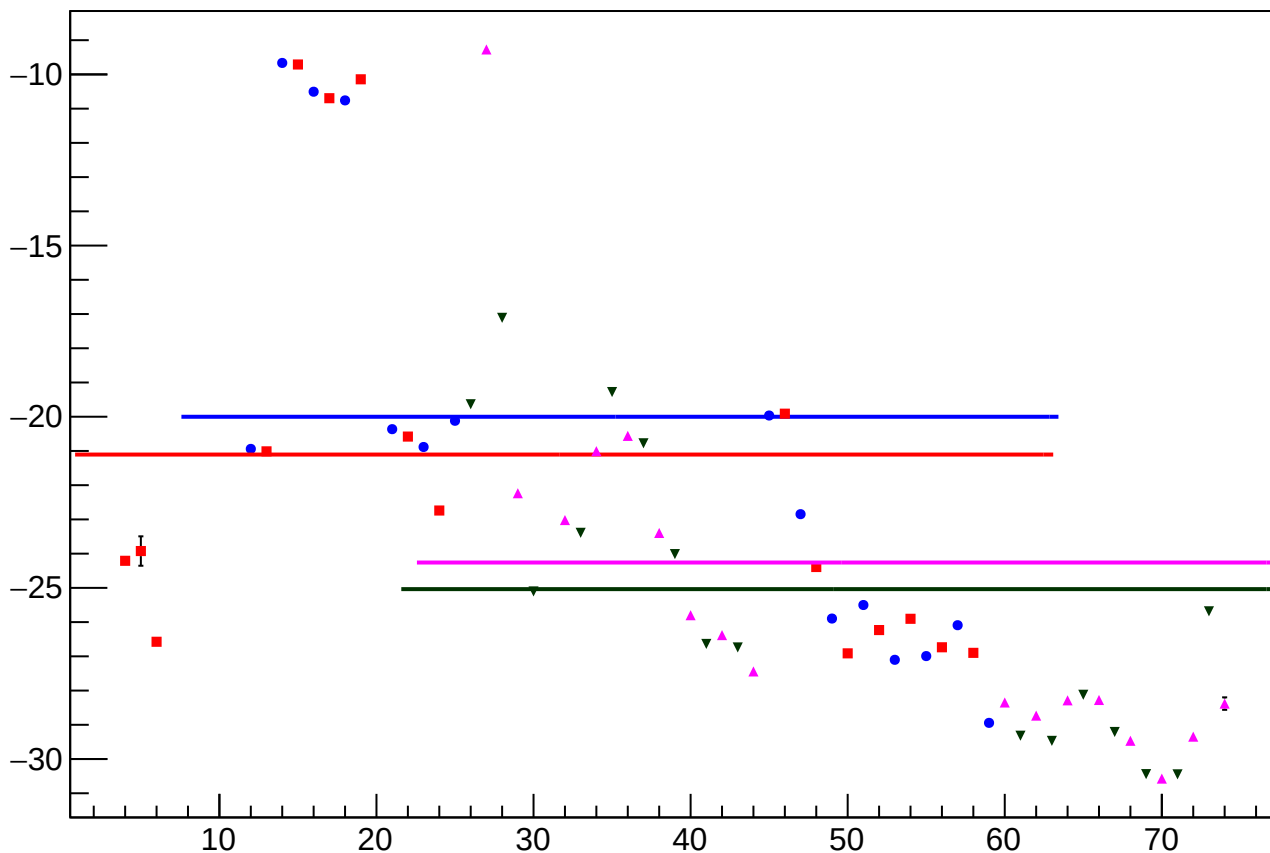
Right Out: 2.631+/-0.073 χ^2/NDF : 8655.9/15

Left In: 6.418+/-0.069 χ^2/NDF : 1864.3/16

5.042+/-0.051 χ^2/NDF : 5681.6/30

4.639+/-0.050 χ^2/NDF : 11941.8/32

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -20.001 ± 0.016 χ^2/NDF : 157299.2/14

Left Out: -21.105 ± 0.018 χ^2/NDF : 102656.0/15

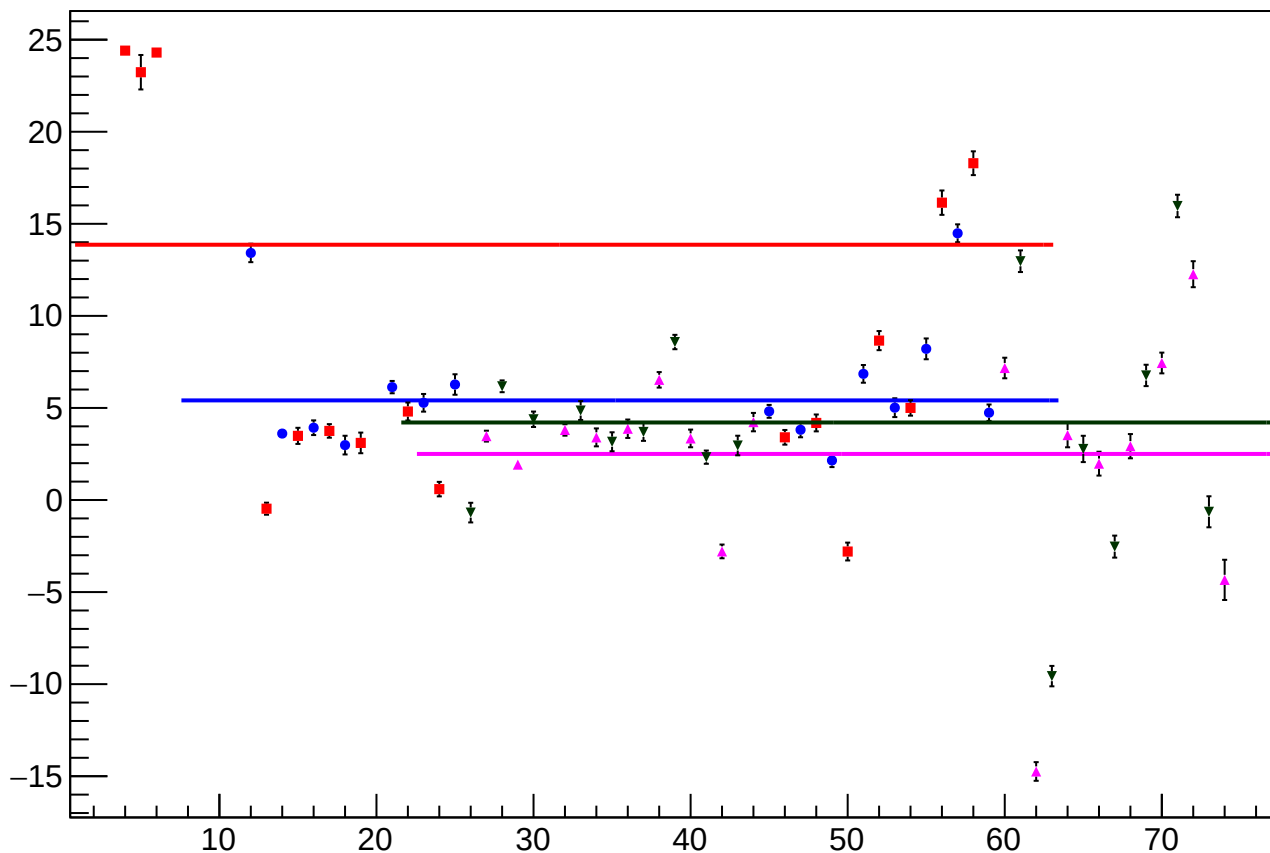
-22.542 ± 0.011 χ^2/NDF : 280642.5/30

Right Out: -23.040 ± 0.011 χ^2/NDF : 255402.0/32

Left In: -24.259 ± 0.014 χ^2/NDF : 133693.1/16

-23.040 ± 0.011 χ^2/NDF : 255402.0/32

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 5.410 ± 0.105 $\chi^2/\text{NDF}: 839.6/14$

Left Out: 4.210 ± 0.123 $\chi^2/\text{NDF}: 1679.4/15$

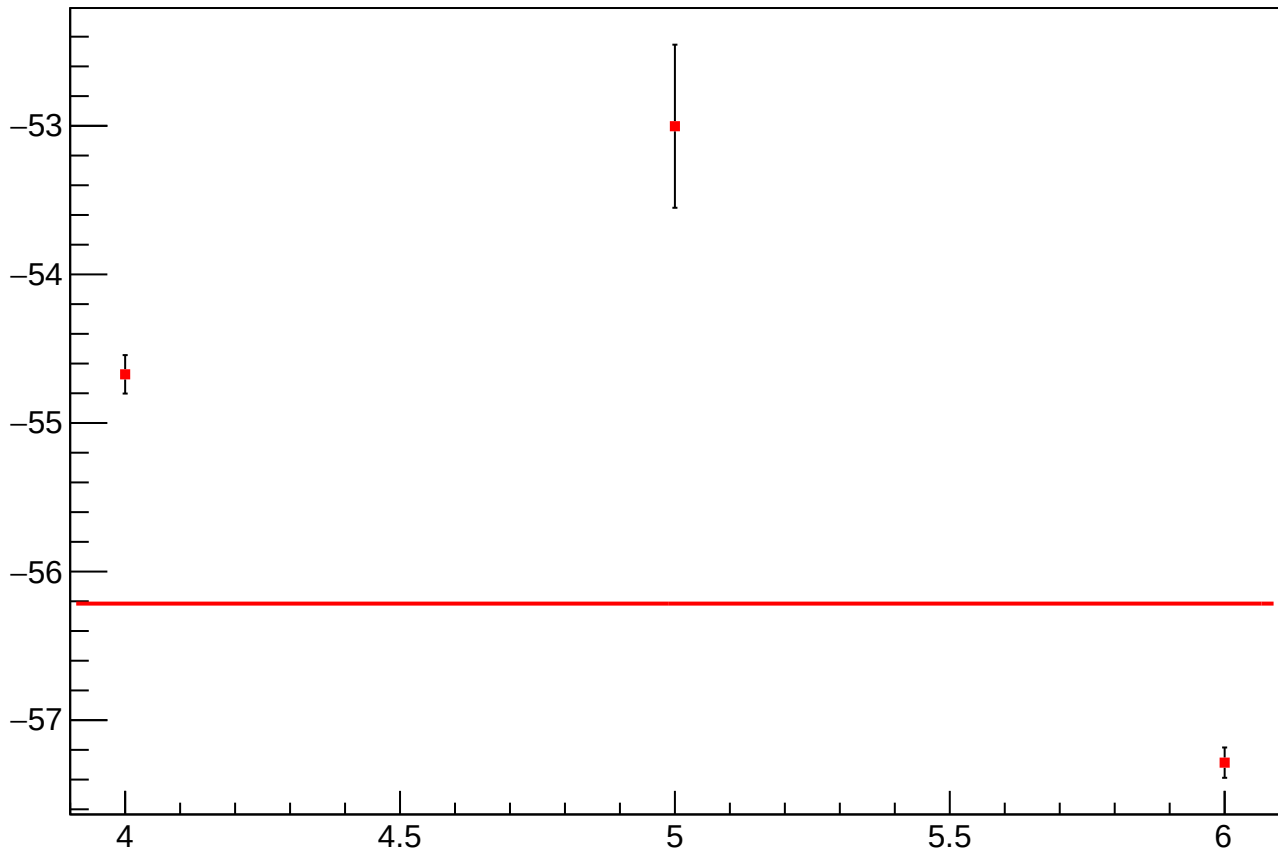
Right Out: 13.864 ± 0.088 $\chi^2/\text{NDF}: 14900.7/15$

Left In: 2.502 ± 0.108 $\chi^2/\text{NDF}: 1890.2/16$

4.901 ± 0.080 $\chi^2/\text{NDF}: 2574.1/30$

9.306 ± 0.068 $\chi^2/\text{NDF}: 23412.1/32$

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

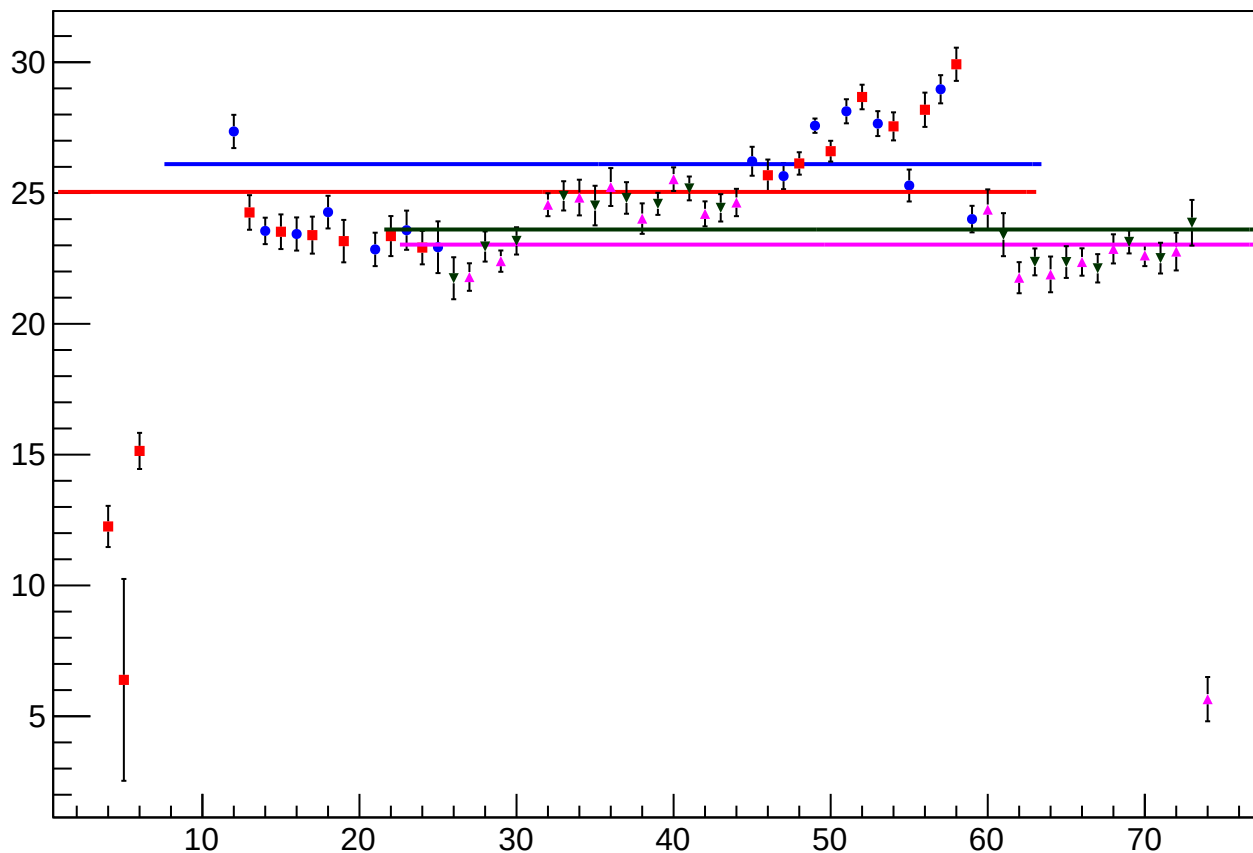
0.000+/-0.000 χ^2/NDF : 0.0/0

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

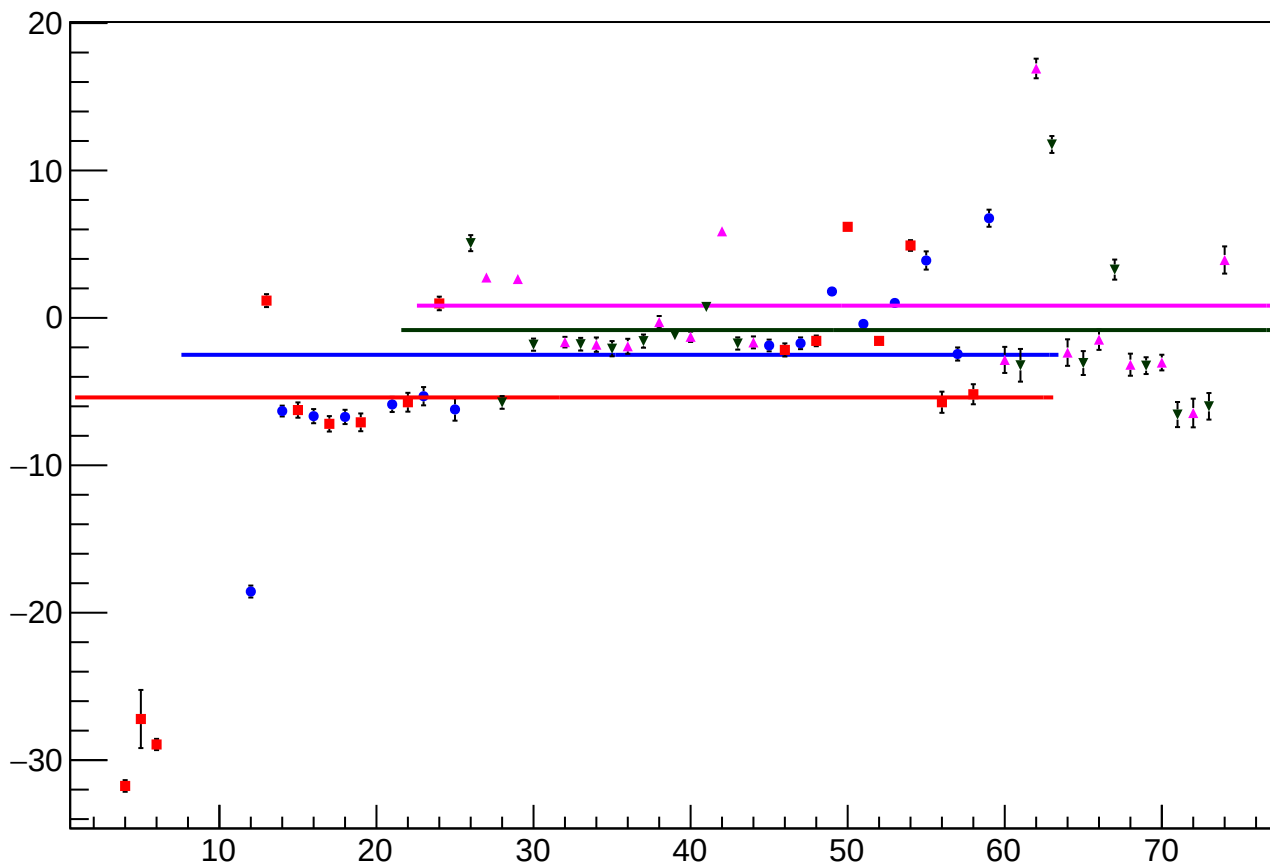
Right Out: 25.042 $\pm$ 0.152 χ^2 /NDF: 712.9/15

Left In: 23.028 $\pm$ 0.132 χ^2 /NDF: 520.2/16

24.922 $\pm$ 0.097 χ^2 /NDF: 437.2/30

23.894 $\pm$ 0.100 χ^2 /NDF: 1333.5/32

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 $\chi^2/\text{NDF}: 921.5/15$

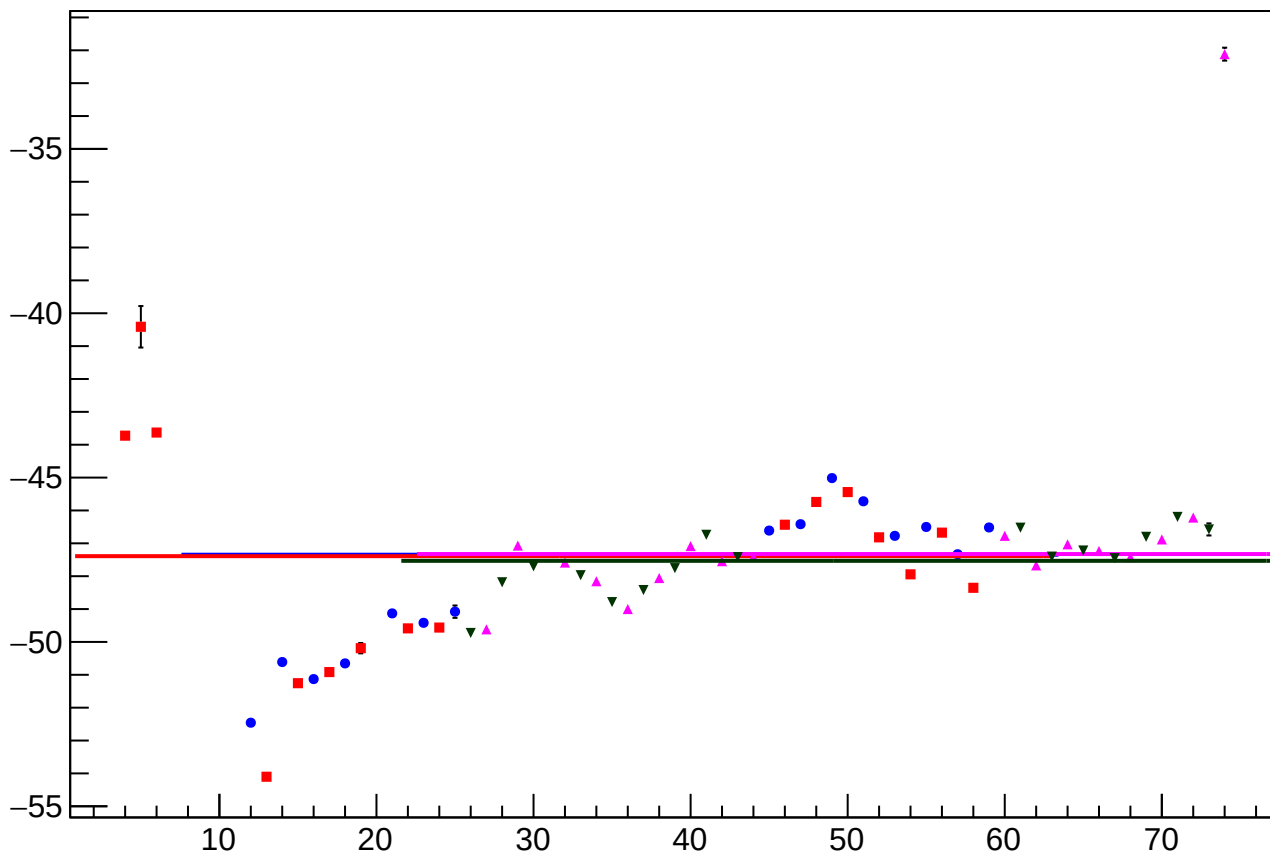
Right Out: -5.396 ± 0.111 $\chi^2/\text{NDF}: 11390.6/15$

Left In: 0.830 ± 0.112 $\chi^2/\text{NDF}: 1256.5/16$

-1.795 ± 0.079 $\chi^2/\text{NDF}: 3827.3/30$

-2.307 ± 0.079 $\chi^2/\text{NDF}: 14198.6/32$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.347 ± 0.024 $\chi^2/\text{NDF}: 7546.2/14$

Left Out: -47.532 ± 0.024 $\chi^2/\text{NDF}: 953.3/15$

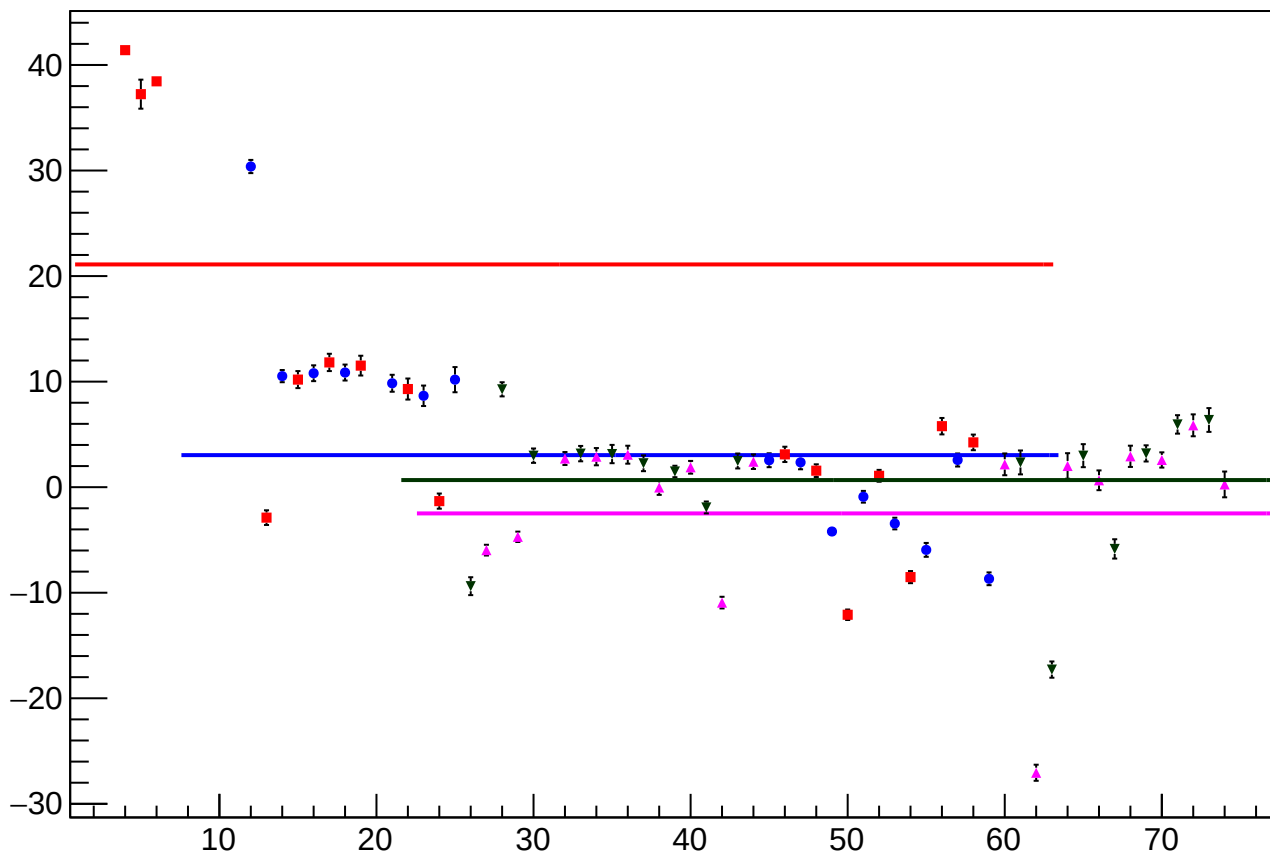
-47.441 ± 0.017 $\chi^2/\text{NDF}: 8528.7/30$

Right Out: -47.391 ± 0.027 $\chi^2/\text{NDF}: 8890.7/15$

-47.353 ± 0.017 $\chi^2/\text{NDF}: 15920.6/32$

Left In: -47.326 ± 0.023 $\chi^2/\text{NDF}: 7026.6/16$

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 $\chi^2/\text{NDF}: 1045.0/15$

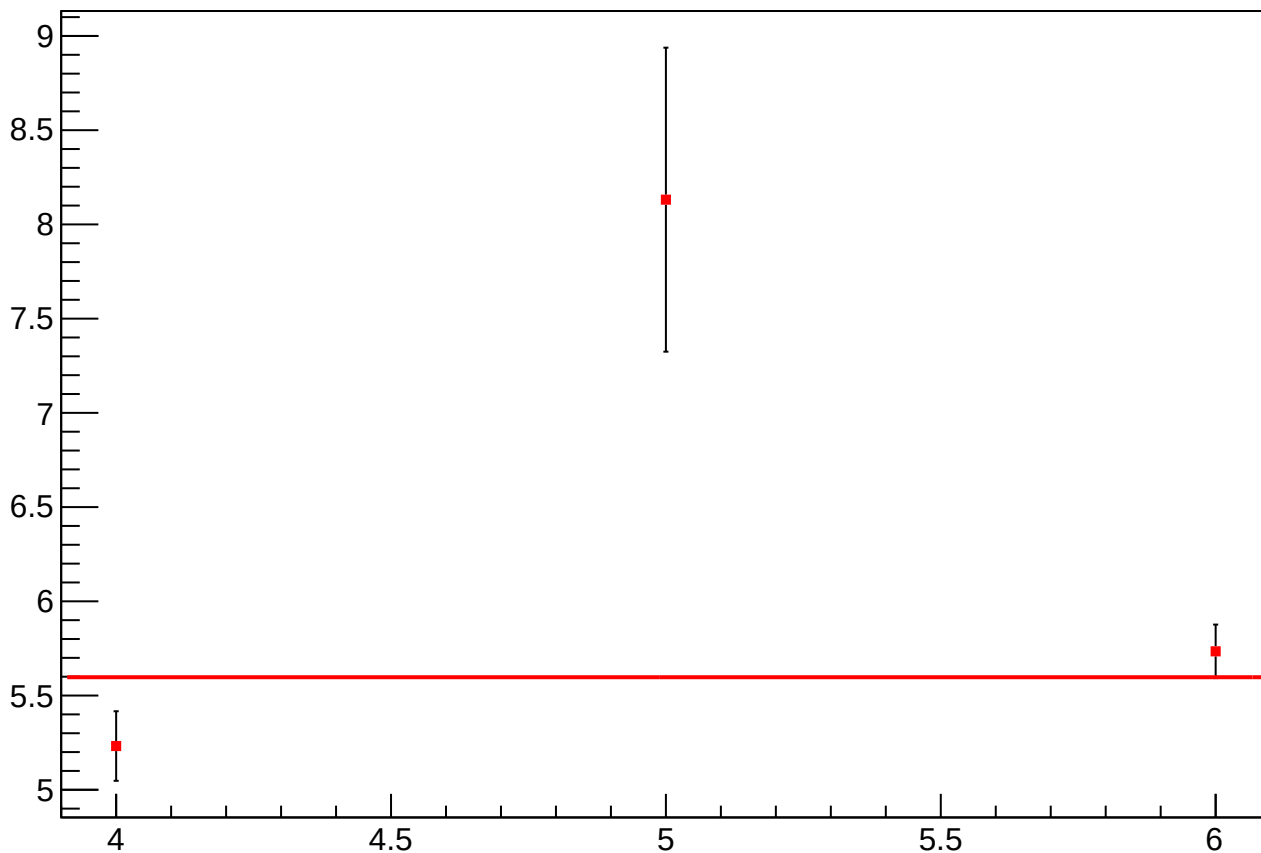
Right Out: 21.104 ± 0.132 $\chi^2/\text{NDF}: 24776.5/15$

Left In: -2.485 ± 0.175 $\chi^2/\text{NDF}: 1805.2/16$

2.045 ± 0.123 $\chi^2/\text{NDF}: 4685.6/30$

12.584 ± 0.105 $\chi^2/\text{NDF}: 38200.0/32$

reg_asym_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

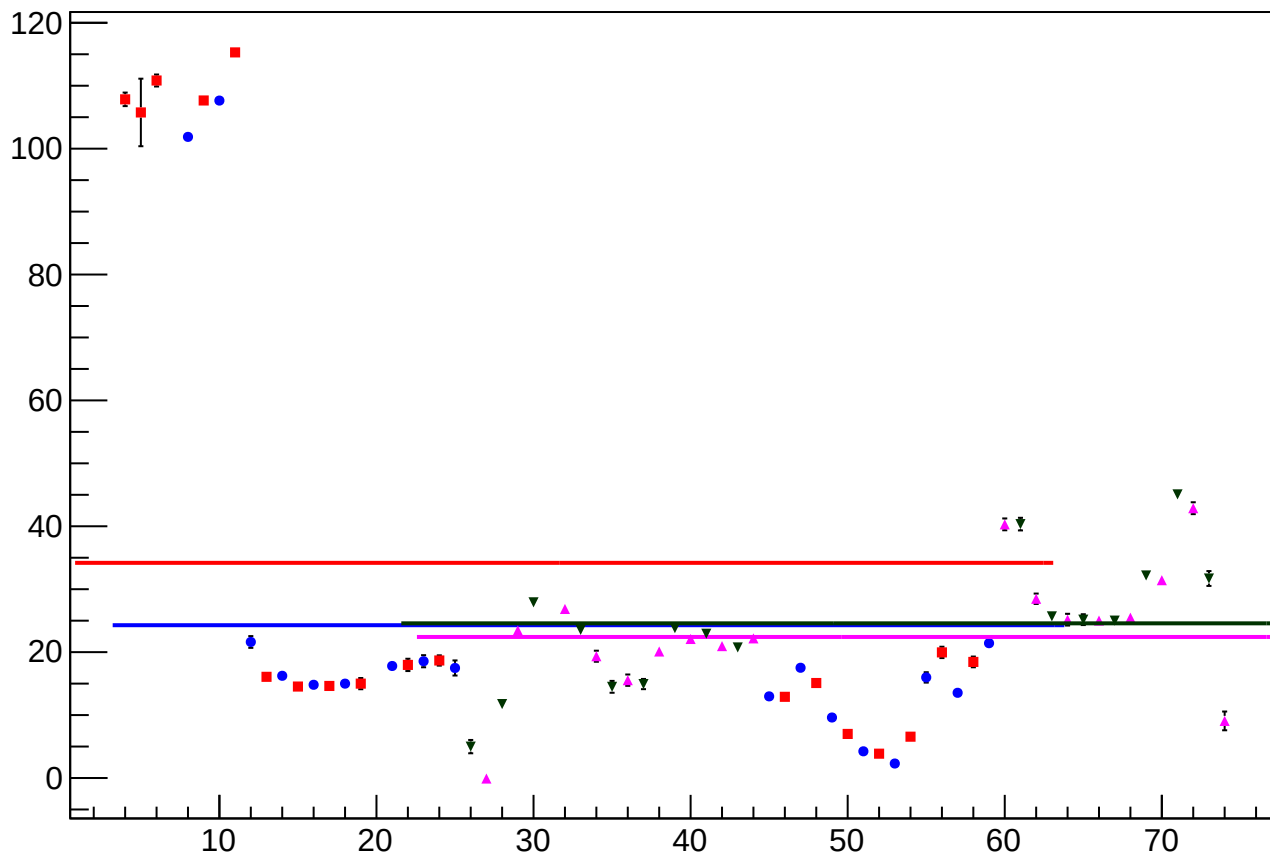
Right Out: 5.597+/-0.111 χ^2/NDF : 14.7/2

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

0.000+/-0.000 χ^2/NDF : 0.0/0

5.597+/-0.111 χ^2/NDF : 14.7/2

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 24.280 $\pm$ 0.163 χ^2 /NDF: 33230.6/16

Left Out: 24.576 $\pm$ 0.191 χ^2 /NDF:2125.7/15

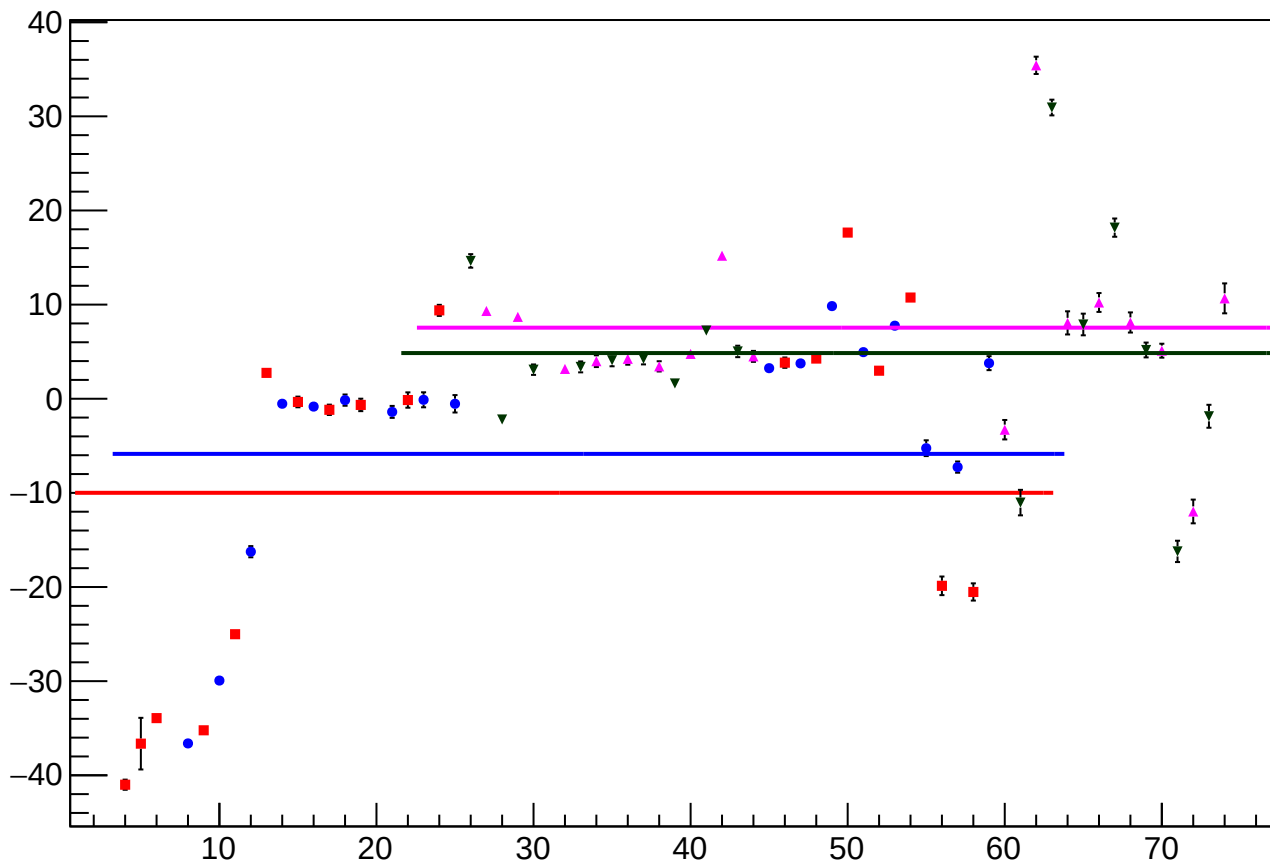
Right Out: 34.189 $\pm$ 0.182 χ^2 /NDF: 50340.2/17

Left In: 22.412 $\pm$ 0.174 χ^2 /NDF:3282.3/16

24.405 $\pm$ 0.124 χ^2 /NDF: 35357.7/32

28.025 $\pm$ 0.126 χ^2 /NDF: 55813.7/34

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: -5.857 ± 0.120 χ^2/NDF : 16343.4/16

Left Out: 4.853 ± 0.165 χ^2/NDF : 2158.9/15

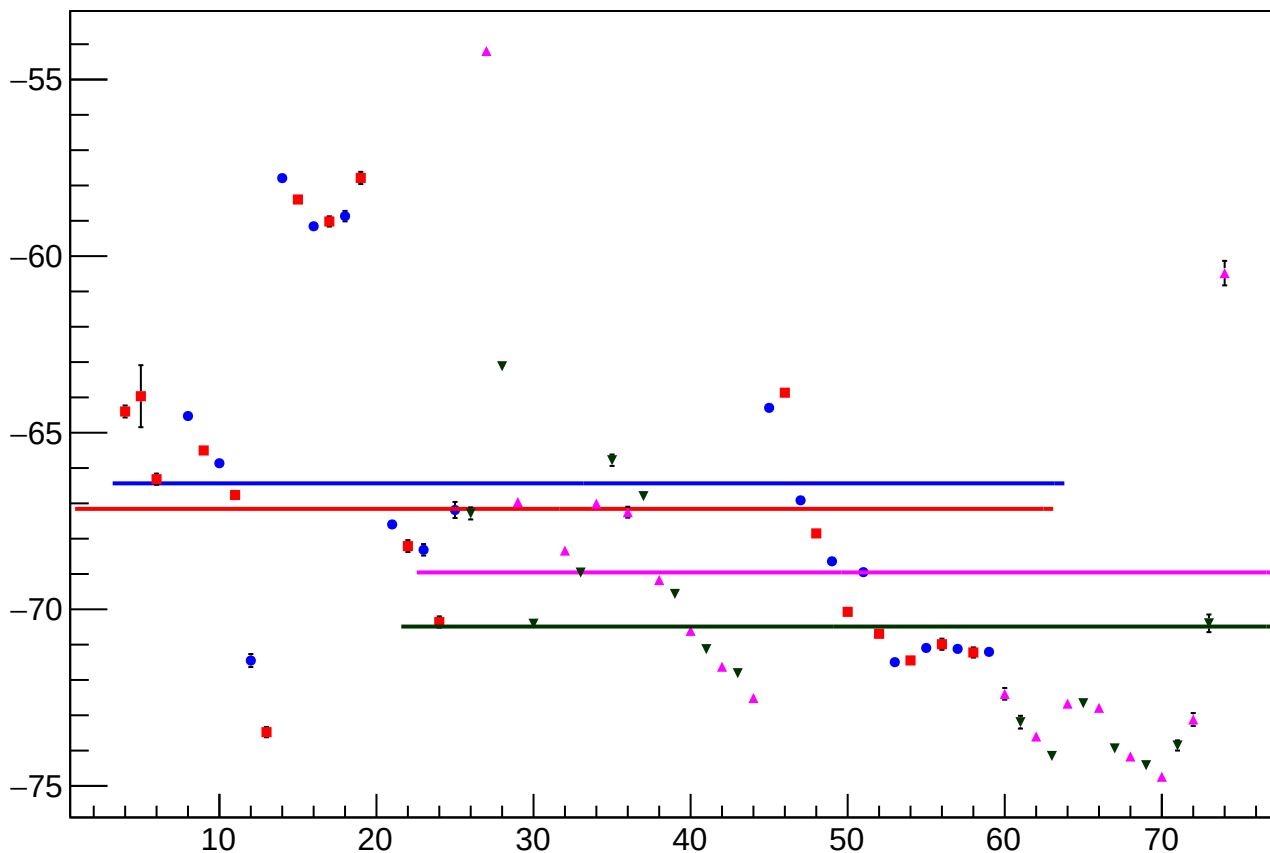
Right Out: -9.993 ± 0.119 χ^2/NDF : 23061.3/17

Left In: 7.550 ± 0.143 χ^2/NDF : 1873.2/16

-2.142 ± 0.097 χ^2/NDF : 21266.4/32

-2.793 ± 0.092 χ^2/NDF : 33824.7/34

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

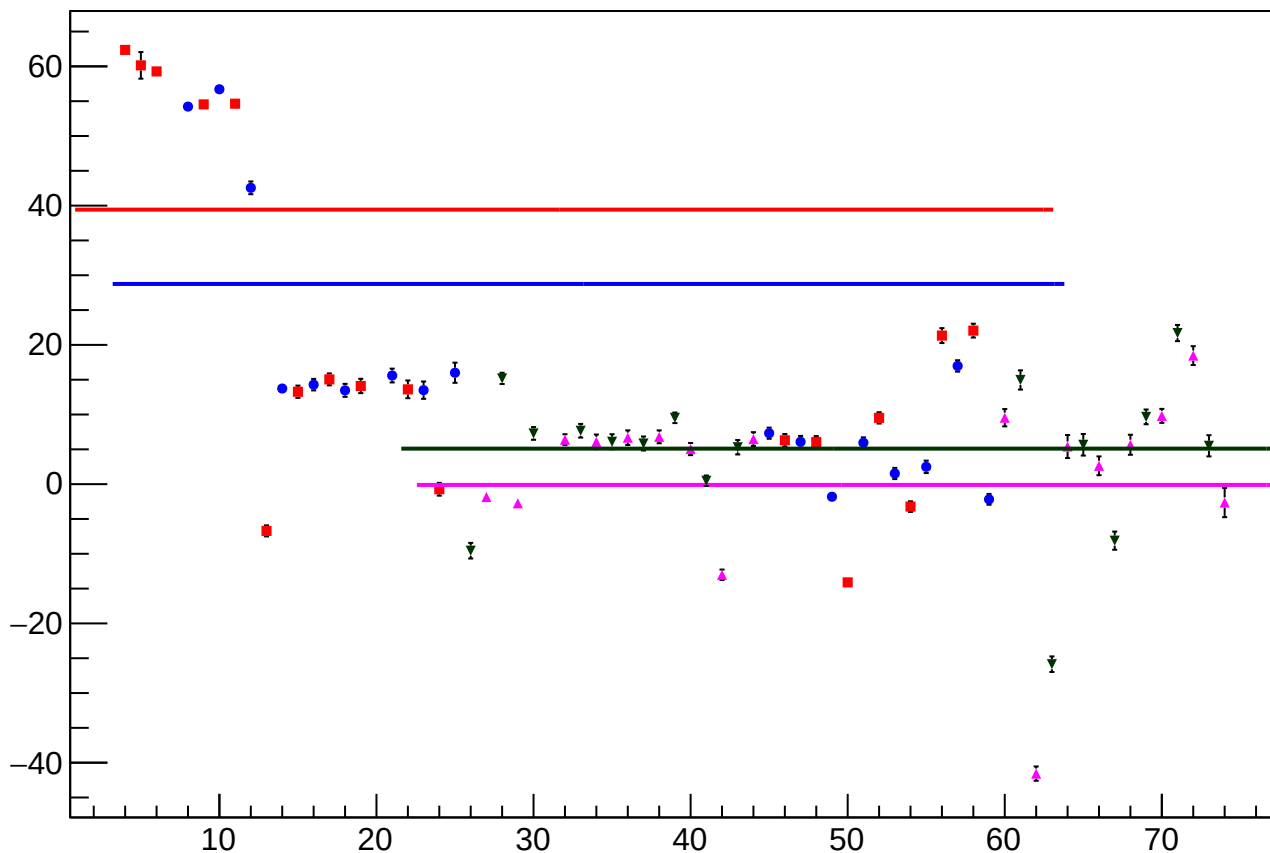
Right Out: -67.156 $\pm$ 0.032 χ^2 /NDF: 18196.5/17

Left In: -68.955 $\pm$ 0.030 χ^2 /NDF: 35792.8/16

-68.239 $\pm$ 0.022 χ^2 /NDF: 40344.8/32

-68.111 $\pm$ 0.022 χ^2 /NDF: 55651.4/34

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

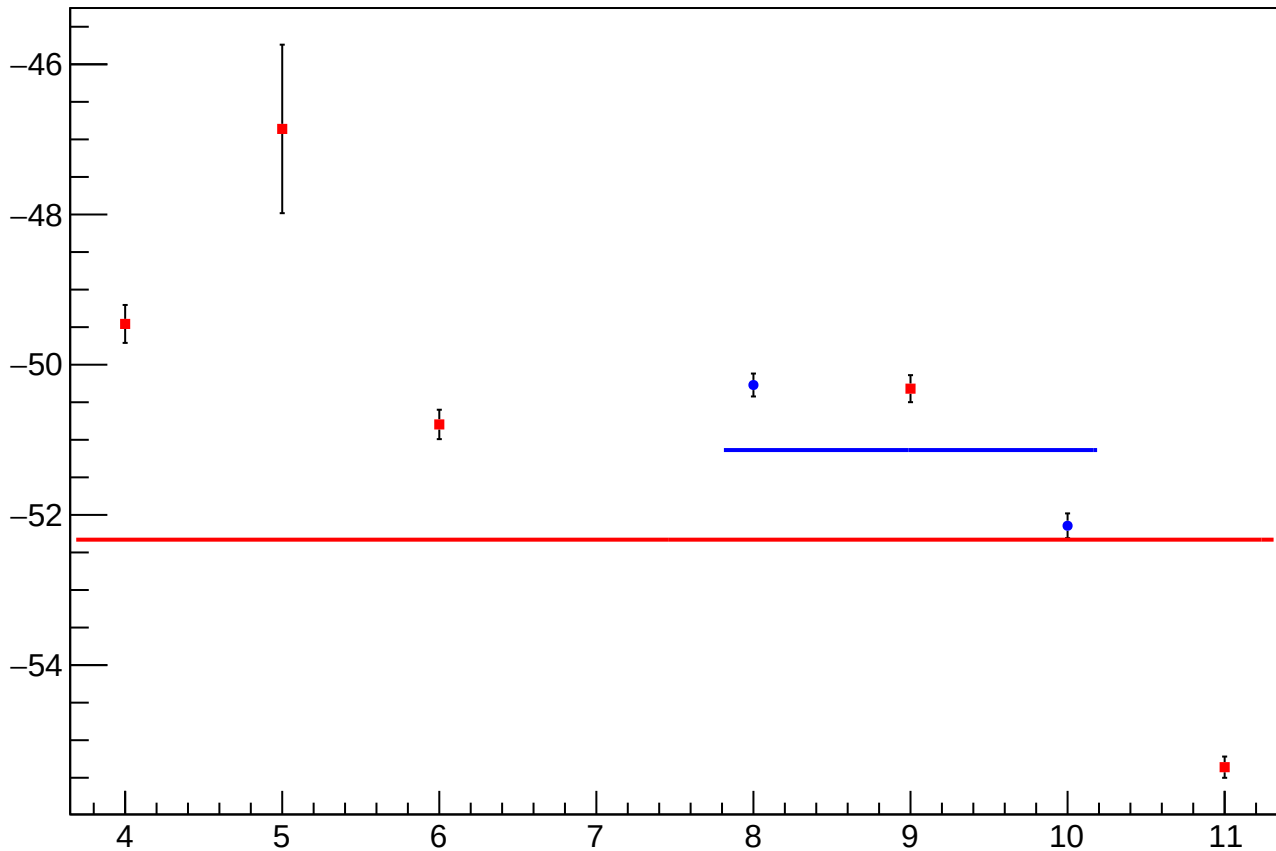
Right Out: 39.425+/-0.145 χ^2/NDF : 32690.4/17

Left In: -0.111+/-0.223 χ^2/NDF :2604.7/16

22.155+/-0.135 χ^2/NDF : 30466.2/32

27.668+/-0.122 χ^2/NDF : 57391.8/34

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

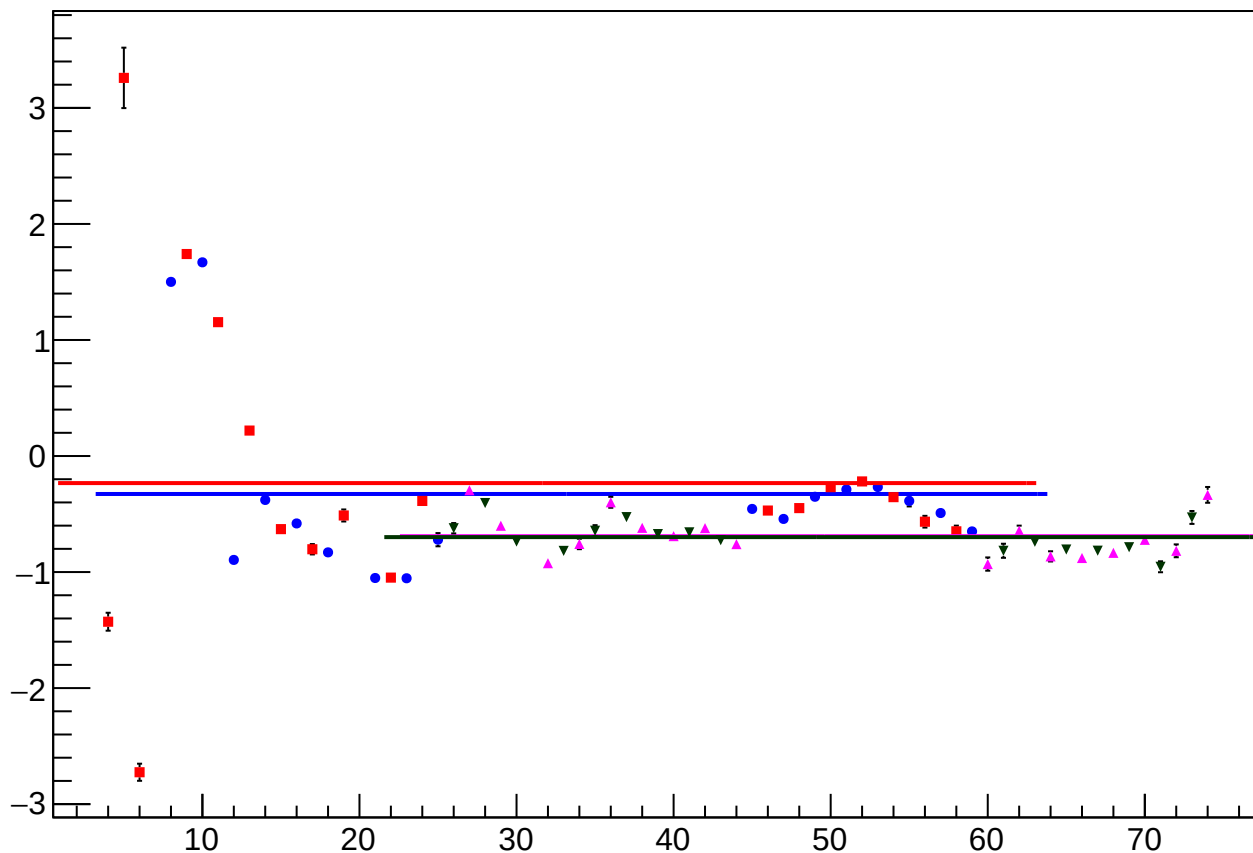
Right Out: -52.330 $\pm$ 0.090 χ^2 /NDF: 798.4/4

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

-51.137 $\pm$ 0.112 χ^2 /NDF: 69.7/1

-52.330 $\pm$ 0.090 χ^2 /NDF: 798.4/4

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.327 ± 0.009 $\chi^2/\text{NDF}: 6740.5/16$

Left Out: -0.699 ± 0.010 $\chi^2/\text{NDF}: 168.6/15$

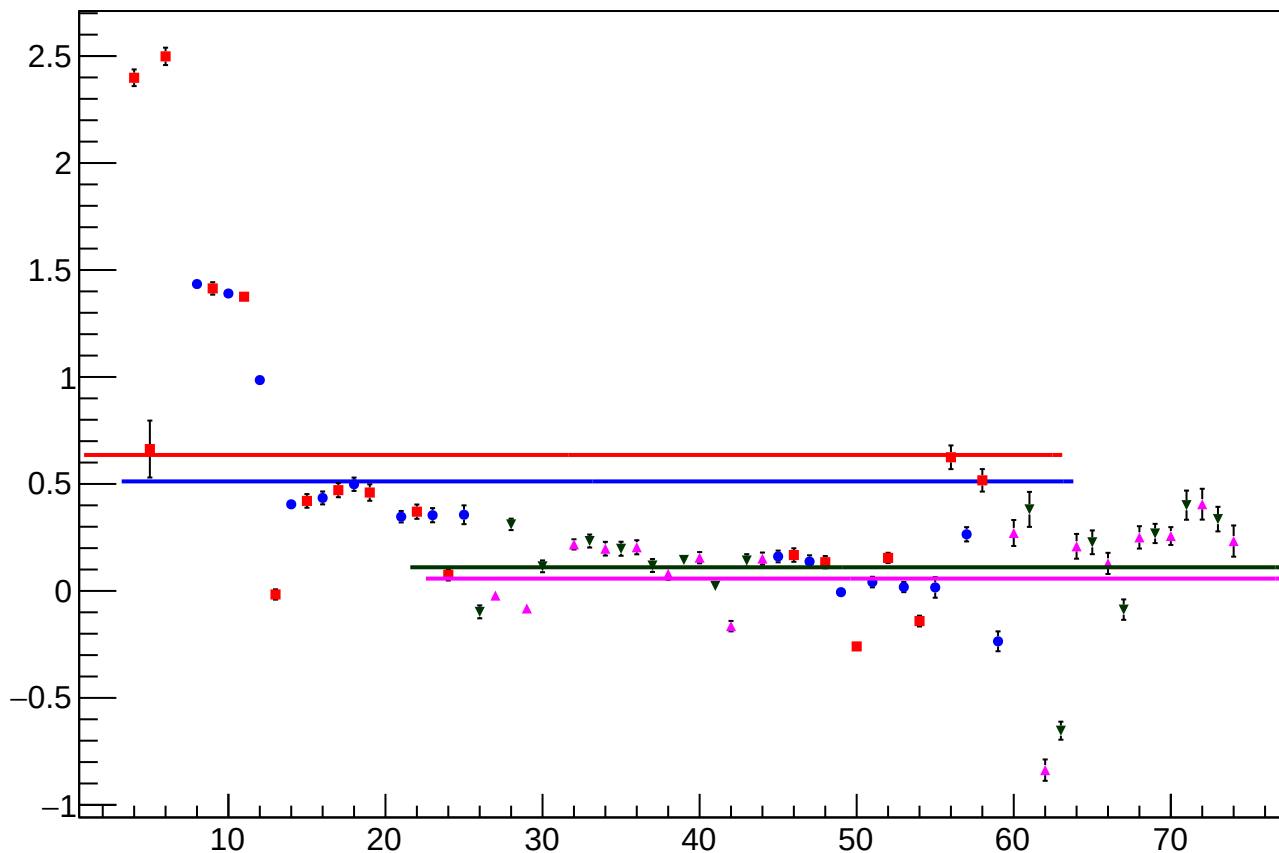
Right Out: -0.233 ± 0.010 $\chi^2/\text{NDF}: 6356.2/17$

Left In: -0.690 ± 0.009 $\chi^2/\text{NDF}: 381.4/16$

-0.491 ± 0.007 $\chi^2/\text{NDF}: 7708.4/32$

-0.478 ± 0.007 $\chi^2/\text{NDF}: 7877.4/34$

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.512 ± 0.006 $\chi^2/\text{NDF}: 6943.1/16$

Left Out: 0.110 ± 0.008 $\chi^2/\text{NDF}: 550.3/15$

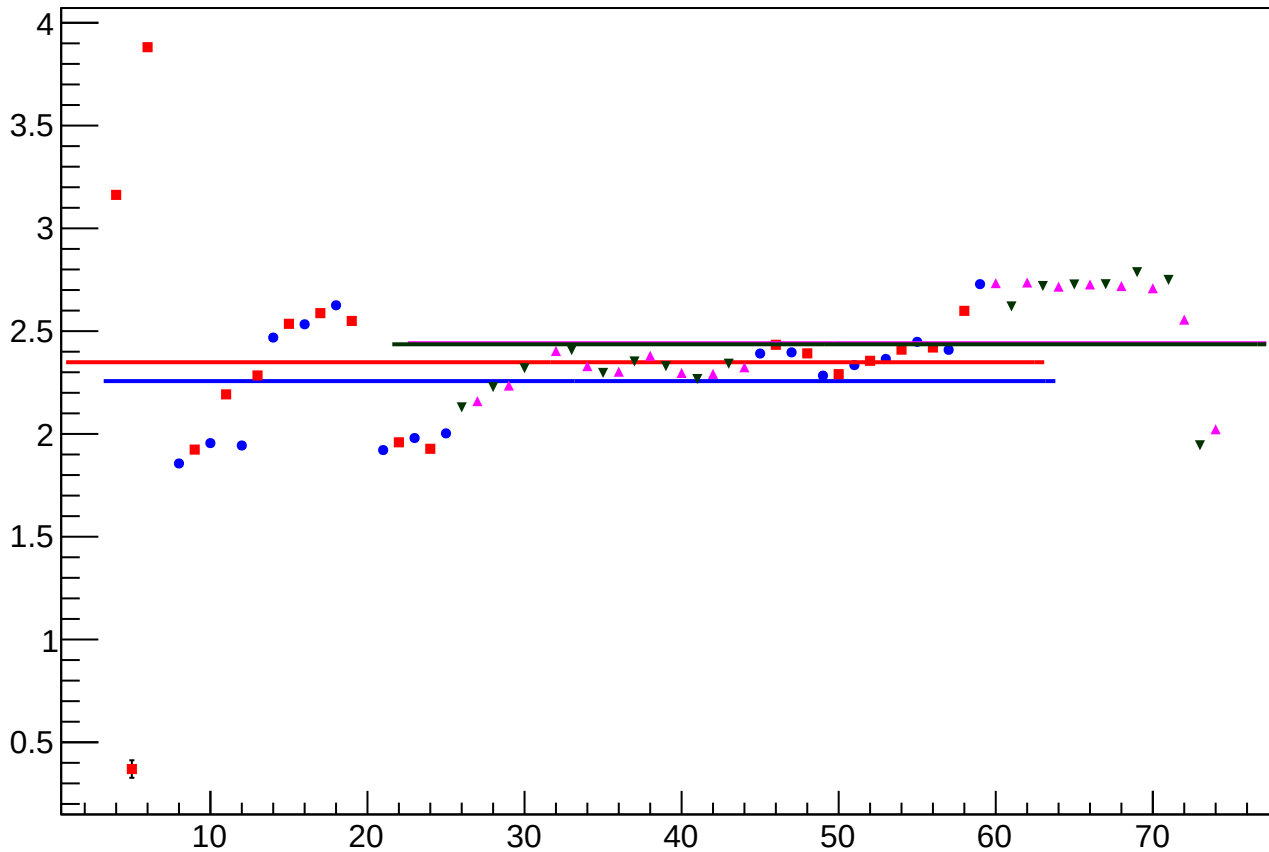
Right Out: 0.635 ± 0.007 $\chi^2/\text{NDF}: 12718.8/17$

Left In: 0.058 ± 0.008 $\chi^2/\text{NDF}: 662.3/16$

0.365 ± 0.005 $\chi^2/\text{NDF}: 8947.0/32$

0.391 ± 0.005 $\chi^2/\text{NDF}: 16622.9/34$

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.257+/-0.002 χ^2/NDF : 26160.8/16

Left Out: 2.436+/-0.002 χ^2/NDF : 17461.1/15

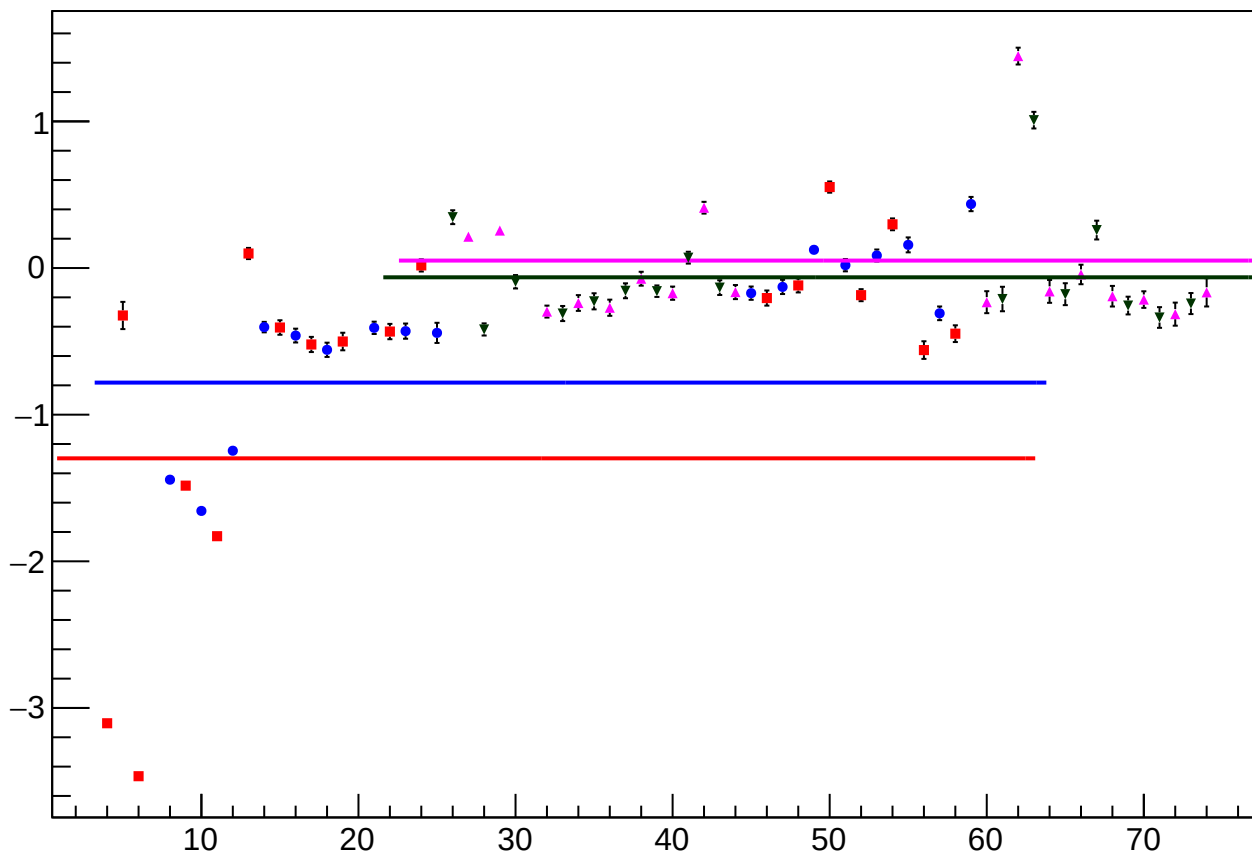
Right Out: 2.349+/-0.002 χ^2/NDF : 36308.3/17

Left In: 2.441+/-0.002 χ^2/NDF : 16845.3/16

2.341+/-0.001 χ^2/NDF : 49696.1/32

2.399+/-0.001 χ^2/NDF : 54677.3/34

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

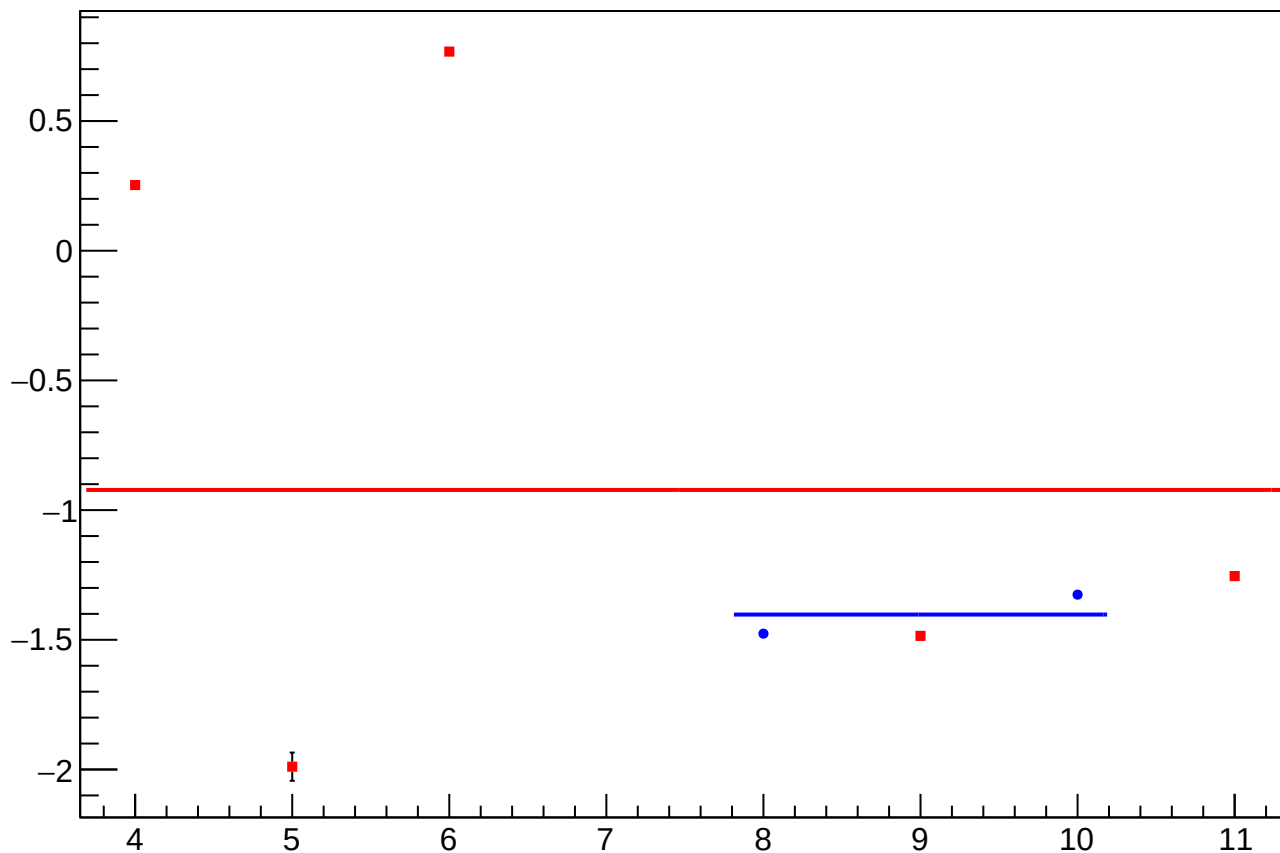
-0.565+/-0.007 χ^2/NDF : 9562.2/32

Right Out: -1.298+/-0.009 χ^2/NDF : 21131.2/17

-0.845+/-0.007 χ^2/NDF : 30375.7/34

Left In: 0.051+/-0.012 χ^2/NDF : 1005.9/16

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

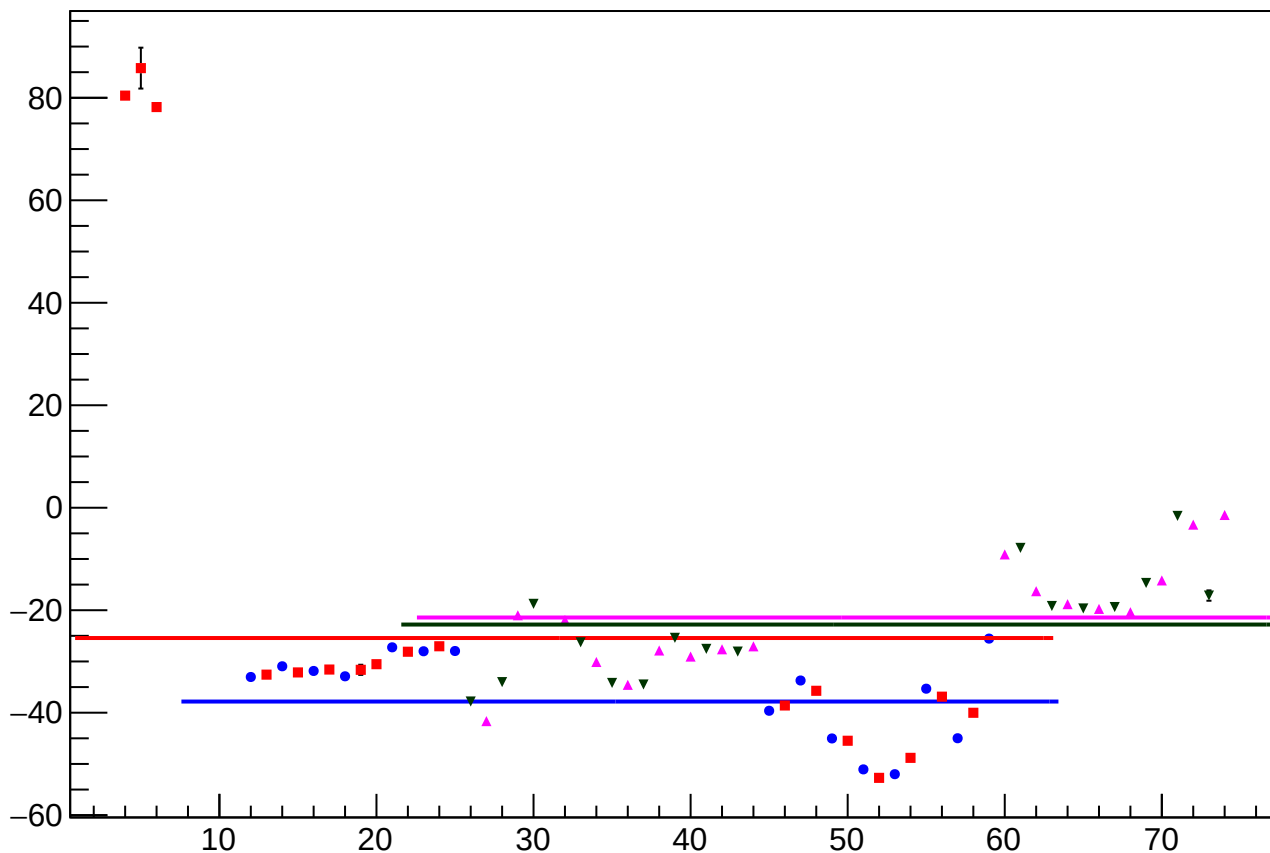
Right Out: -0.922+/-0.006 χ^2/NDF : 21877.8/4

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

-1.403+/-0.006 χ^2/NDF : 150.6/1

-0.922+/-0.006 χ^2/NDF : 21877.8/4

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 $\chi^2/\text{NDF}: 3625.0/15$

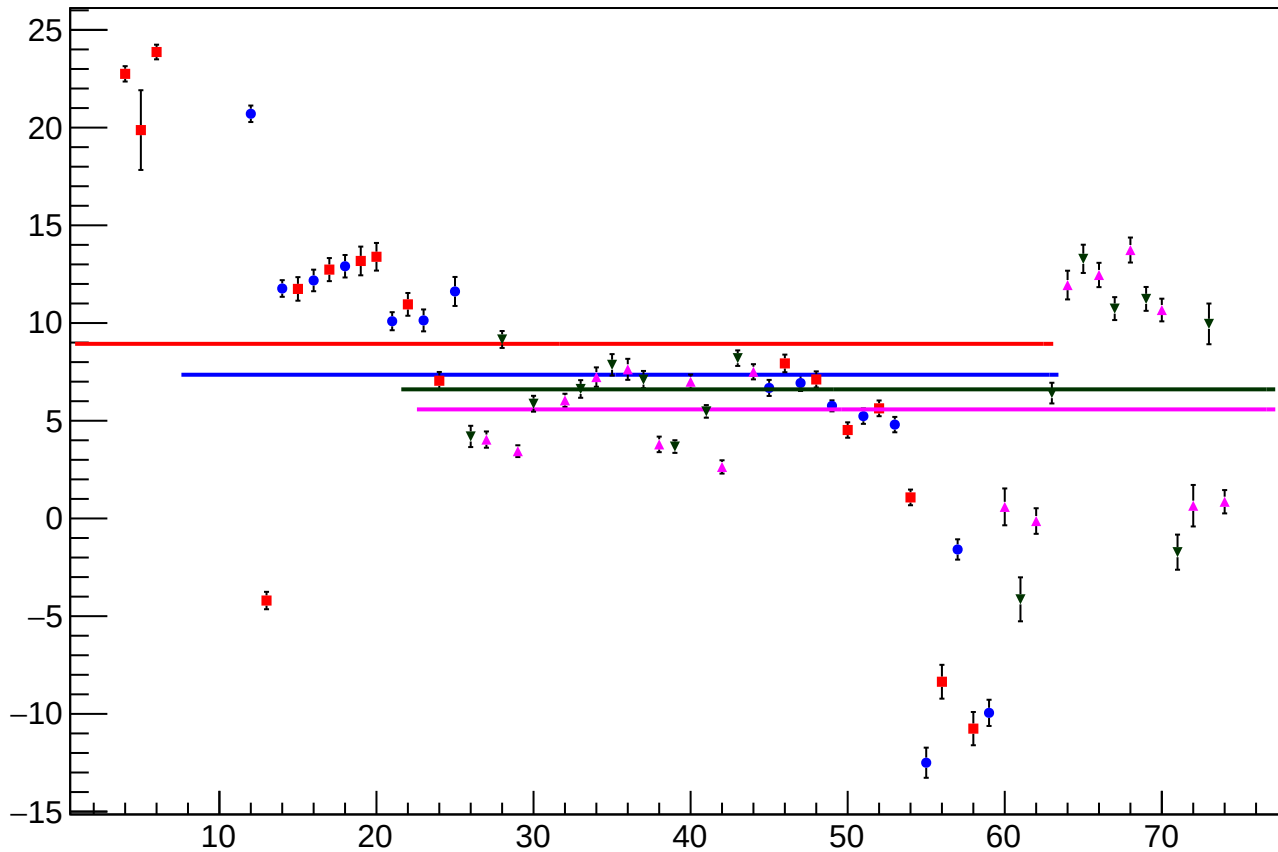
Right Out: -25.426 ± 0.167 $\chi^2/\text{NDF}: 49112.5/16$

Left In: -21.422 ± 0.128 $\chi^2/\text{NDF}: 4606.4/16$

-29.700 ± 0.102 $\chi^2/\text{NDF}: 12240.9/30$

-22.902 ± 0.102 $\chi^2/\text{NDF}: 54079.4/33$

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

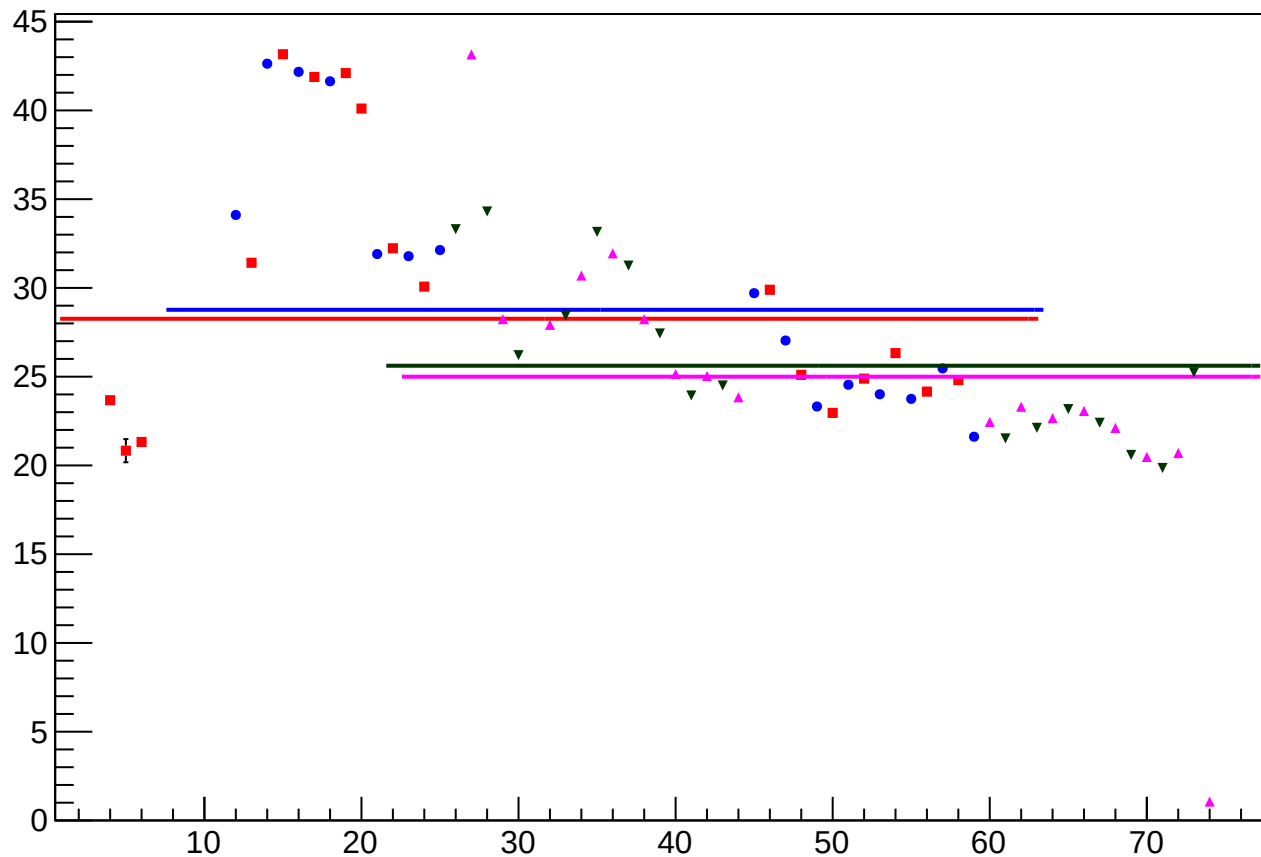
Right Out: 8.935 ± 0.121 χ^2/NDF : 5416.5/16

Left In: 5.581 ± 0.112 χ^2/NDF : 851.0/16

6.992 ± 0.085 χ^2/NDF : 3675.8/30

7.139 ± 0.082 χ^2/NDF : 6681.0/33

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

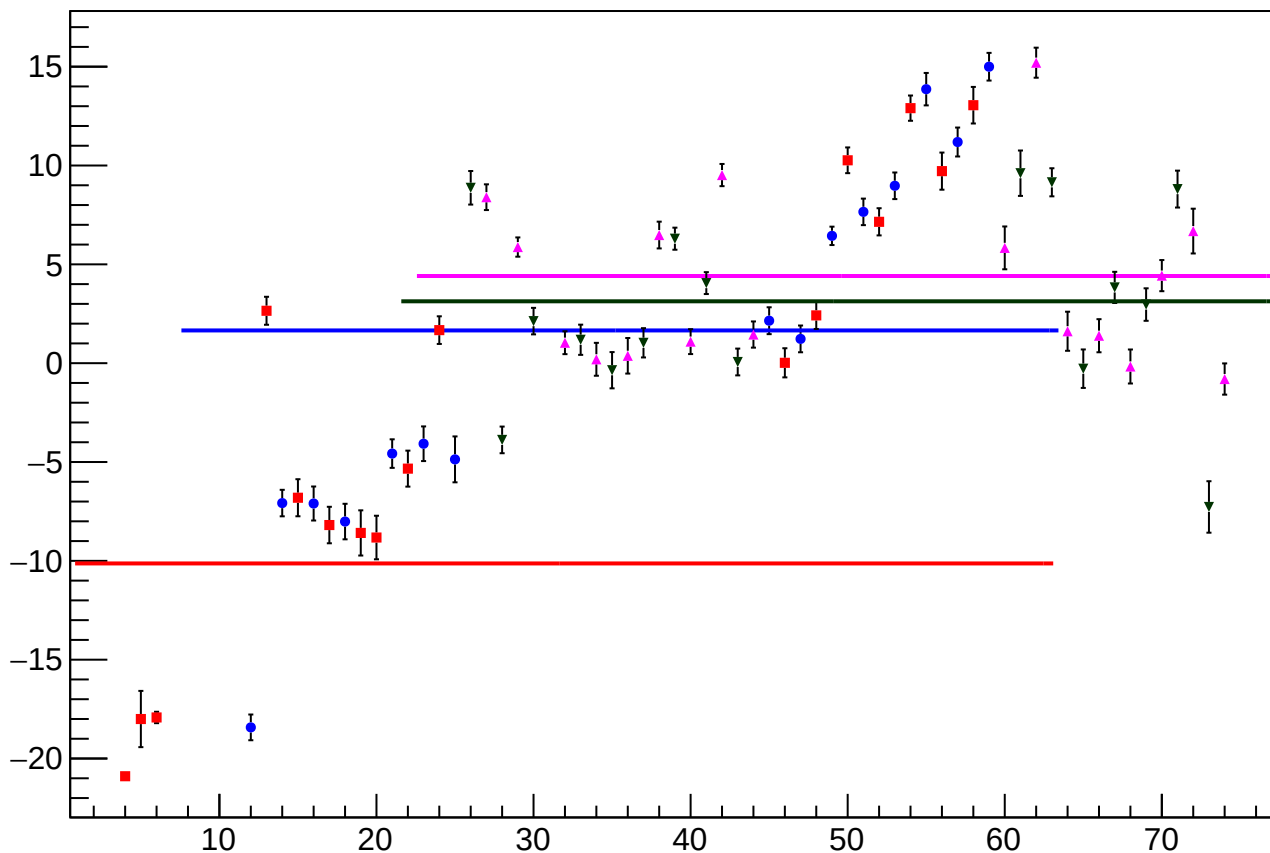
Right Out: 28.263 $\pm$ 0.029 χ^2/NDF : 41539.8/16

Left In: 24.999 $\pm$ 0.022 χ^2/NDF : 78303.2/16

26.957 $\pm$ 0.018 χ^2/NDF : 91355.1/30

26.185 $\pm$ 0.018 χ^2/NDF : 127653.1/33

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 1.657 ± 0.183 $\chi^2/\text{NDF}: 2548.0/14$

Left Out: 3.130 ± 0.190 $\chi^2/\text{NDF}: 458.2/15$

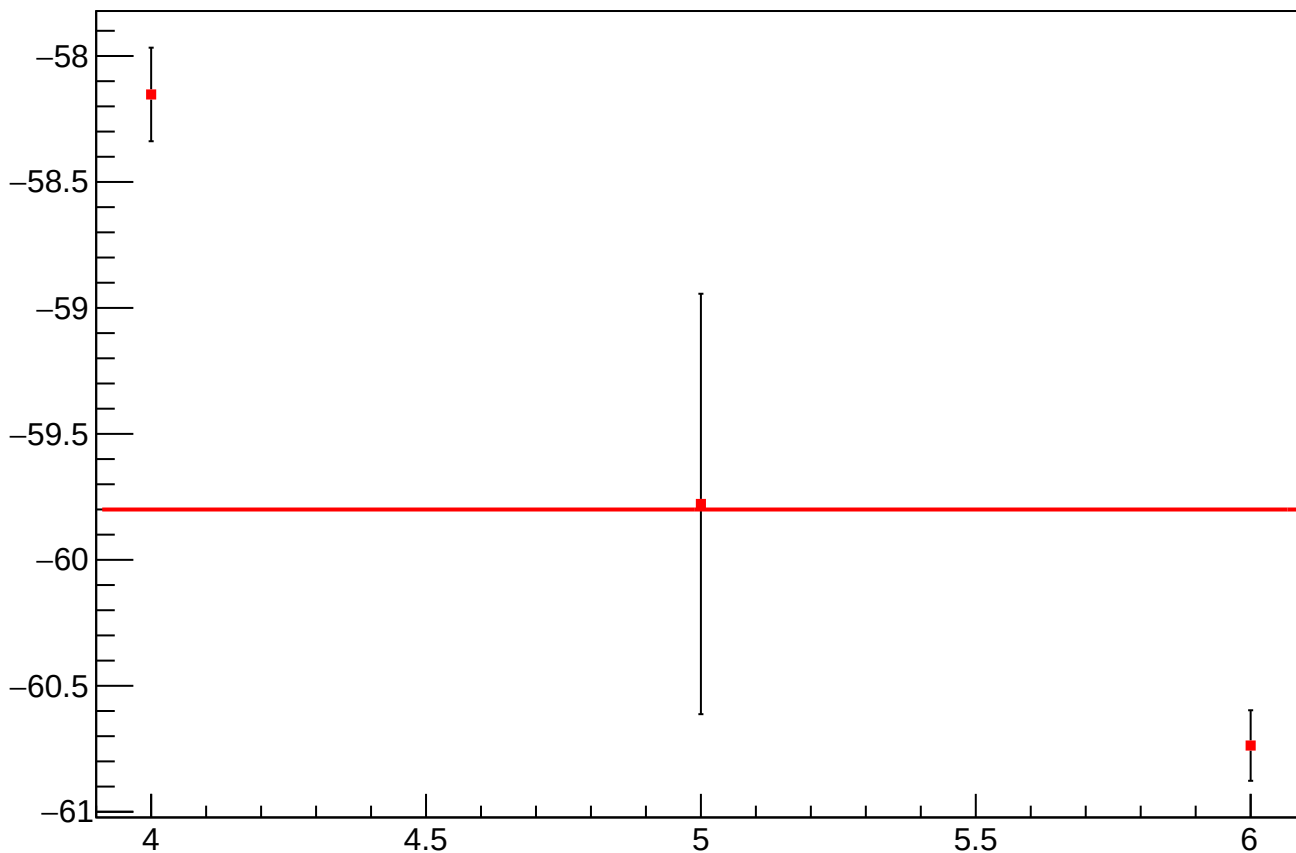
2.366 ± 0.132 $\chi^2/\text{NDF}: 3037.5/30$

Right Out: -10.131 ± 0.137 $\chi^2/\text{NDF}: 8106.1/16$

-4.615 ± 0.108 $\chi^2/\text{NDF}: 12973.7/33$

Left In: 4.410 ± 0.175 $\chi^2/\text{NDF}: 566.5/16$

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

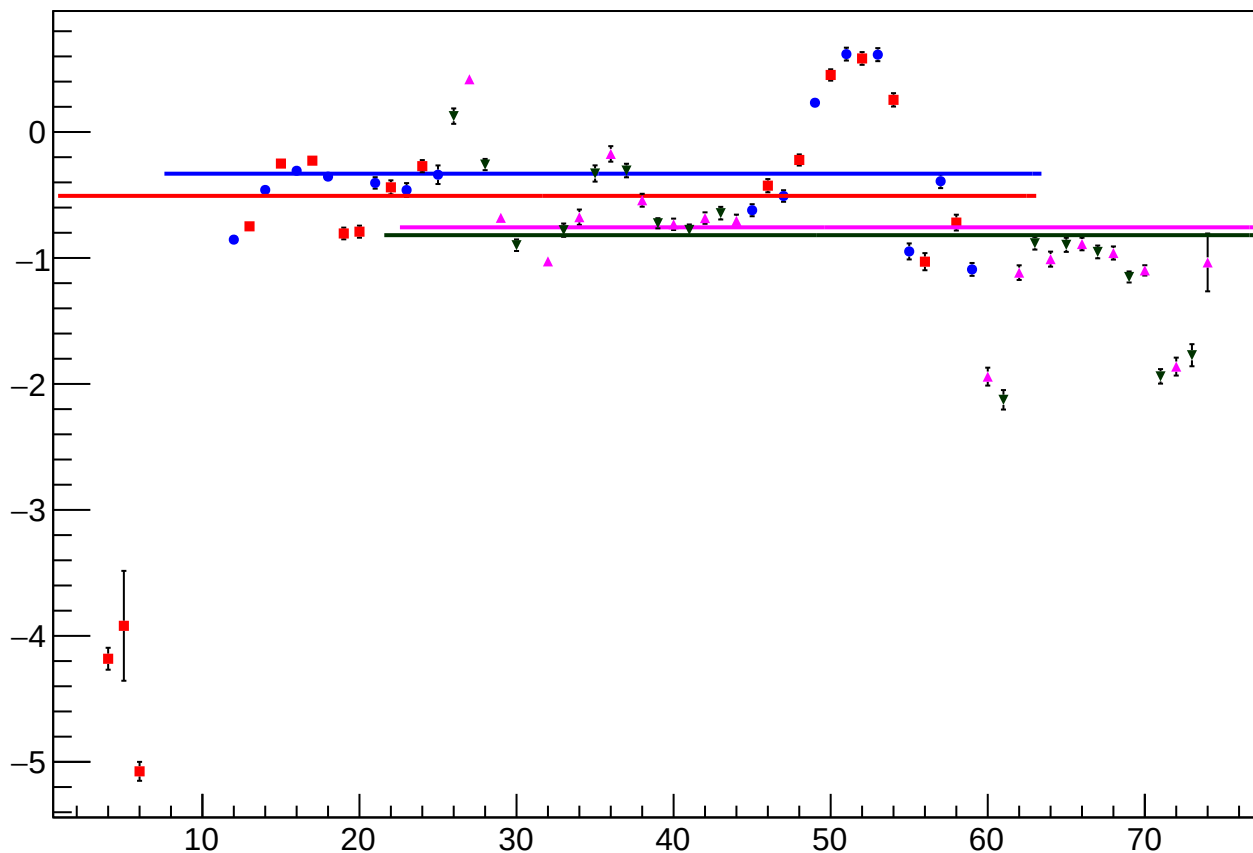
0.000+/-0.000 χ^2/NDF : 0.0/0

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

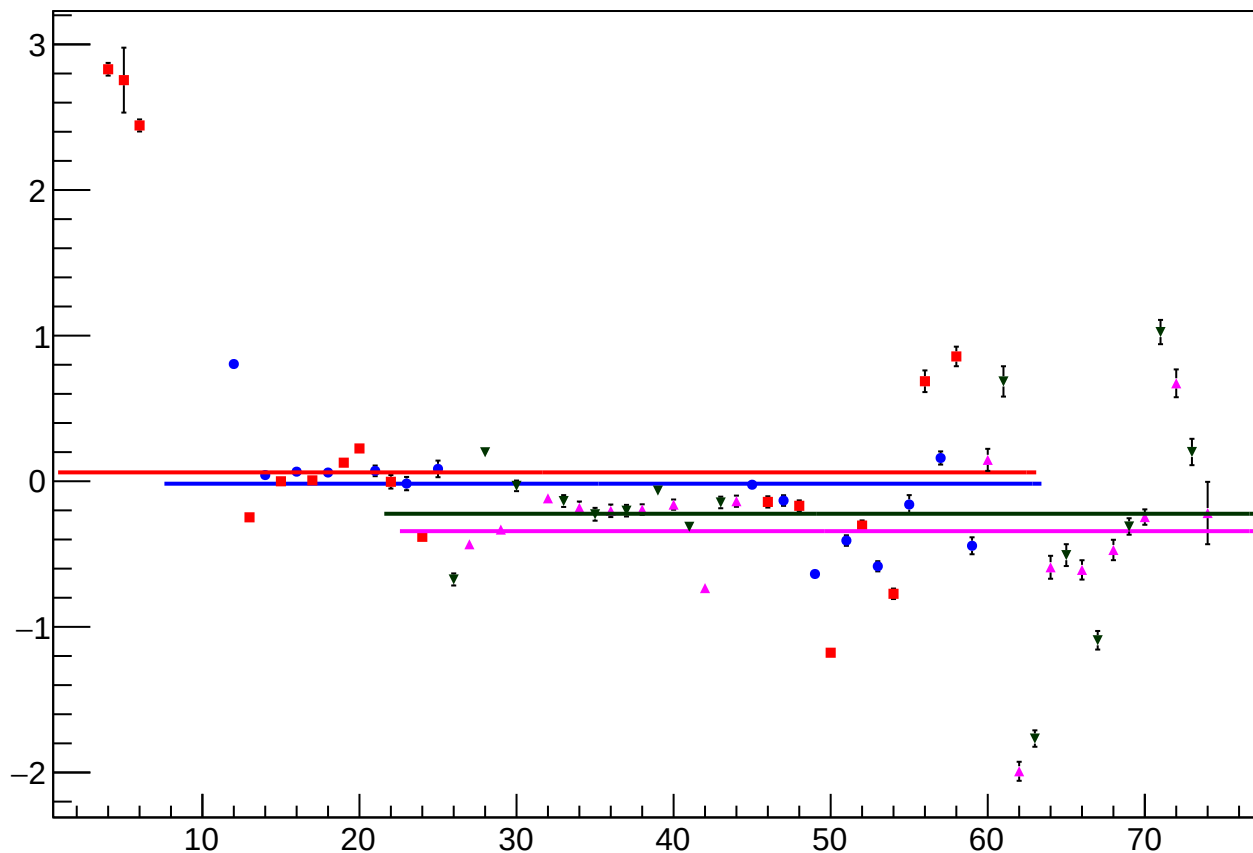
Right Out: -0.507 ± 0.012 χ^2/NDF : 7047.0/16

Left In: -0.757 ± 0.012 χ^2/NDF : 1736.7/16

-0.529 ± 0.008 χ^2/NDF : 3832.4/30

-0.630 ± 0.009 χ^2/NDF : 8998.8/33

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.017 ± 0.008 $\chi^2/\text{NDF}: 2108.8/14$

Left Out: -0.223 ± 0.011 $\chi^2/\text{NDF}: 1624.4/15$

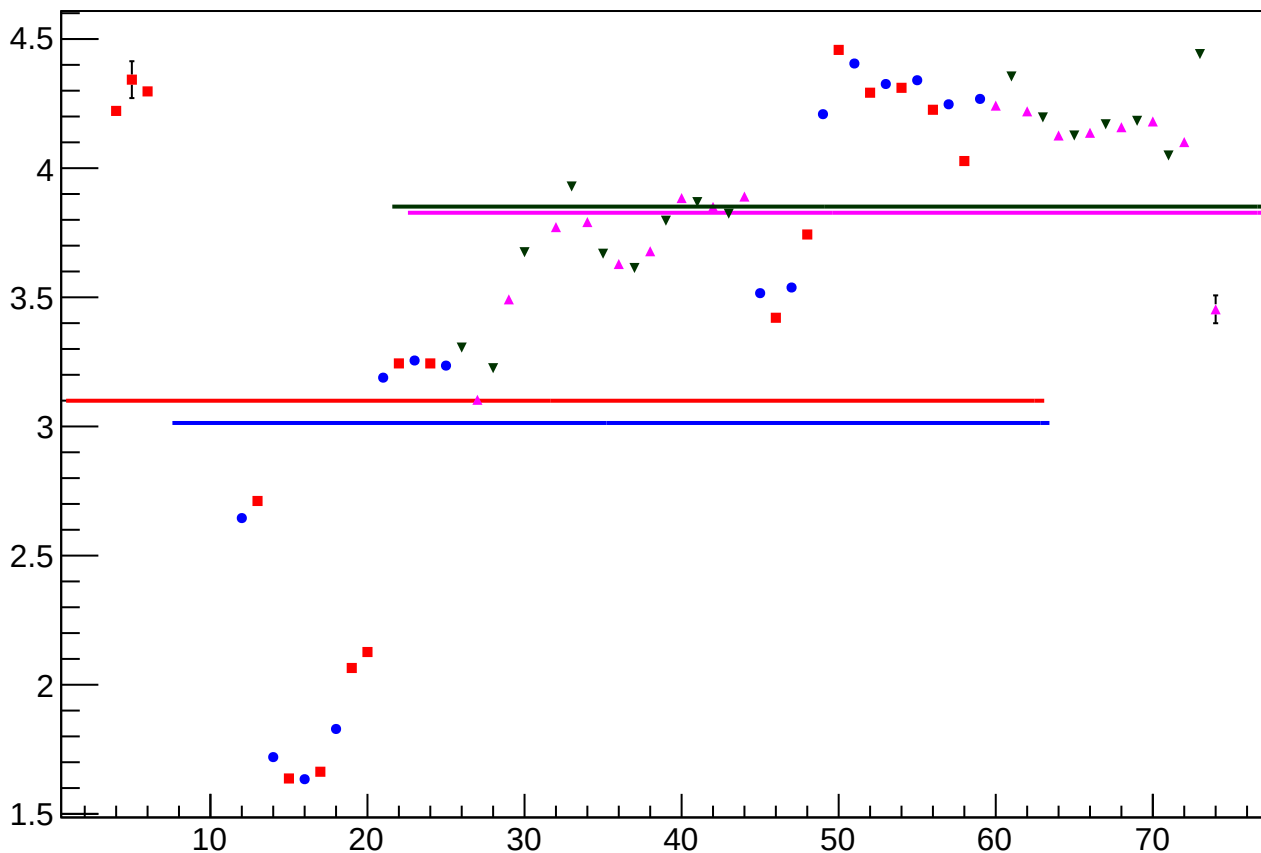
Right Out: 0.061 ± 0.009 $\chi^2/\text{NDF}: 10069.0/16$

Left In: -0.343 ± 0.010 $\chi^2/\text{NDF}: 1136.0/16$

-0.090 ± 0.007 $\chi^2/\text{NDF}: 3957.8/30$

-0.115 ± 0.007 $\chi^2/\text{NDF}: 12120.8/33$

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.013 $\pm$ 0.002 χ^2 /NDF: 294241.6/14

Left Out: 3.851 $\pm$ 0.002 χ^2 /NDF:19377.1/15

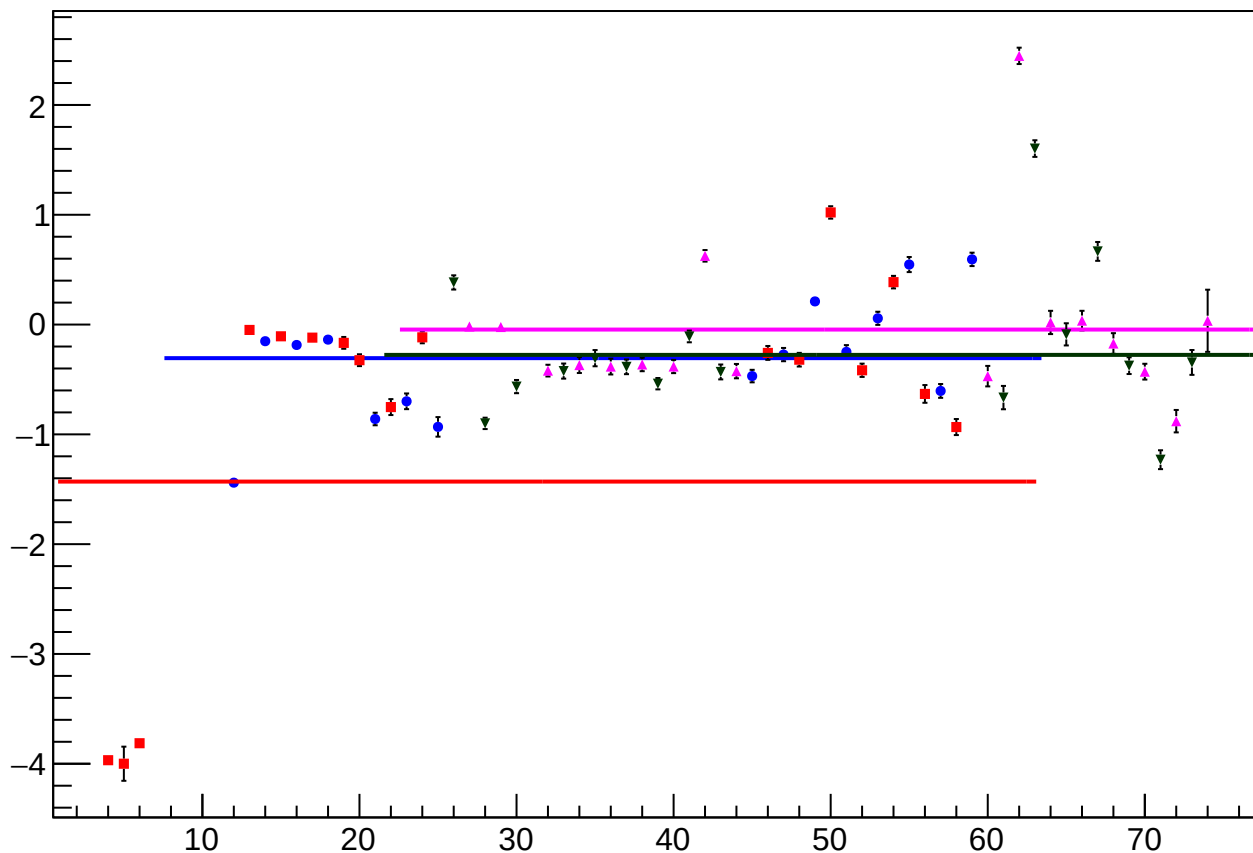
Right Out: 3.100 $\pm$ 0.002 χ^2 /NDF: 227111.6/16

Left In: 3.827 $\pm$ 0.002 χ^2 /NDF:23177.0/16

3.387 $\pm$ 0.001 χ^2 /NDF: 392992.8/30

3.478 $\pm$ 0.002 χ^2 /NDF: 308468.8/33

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

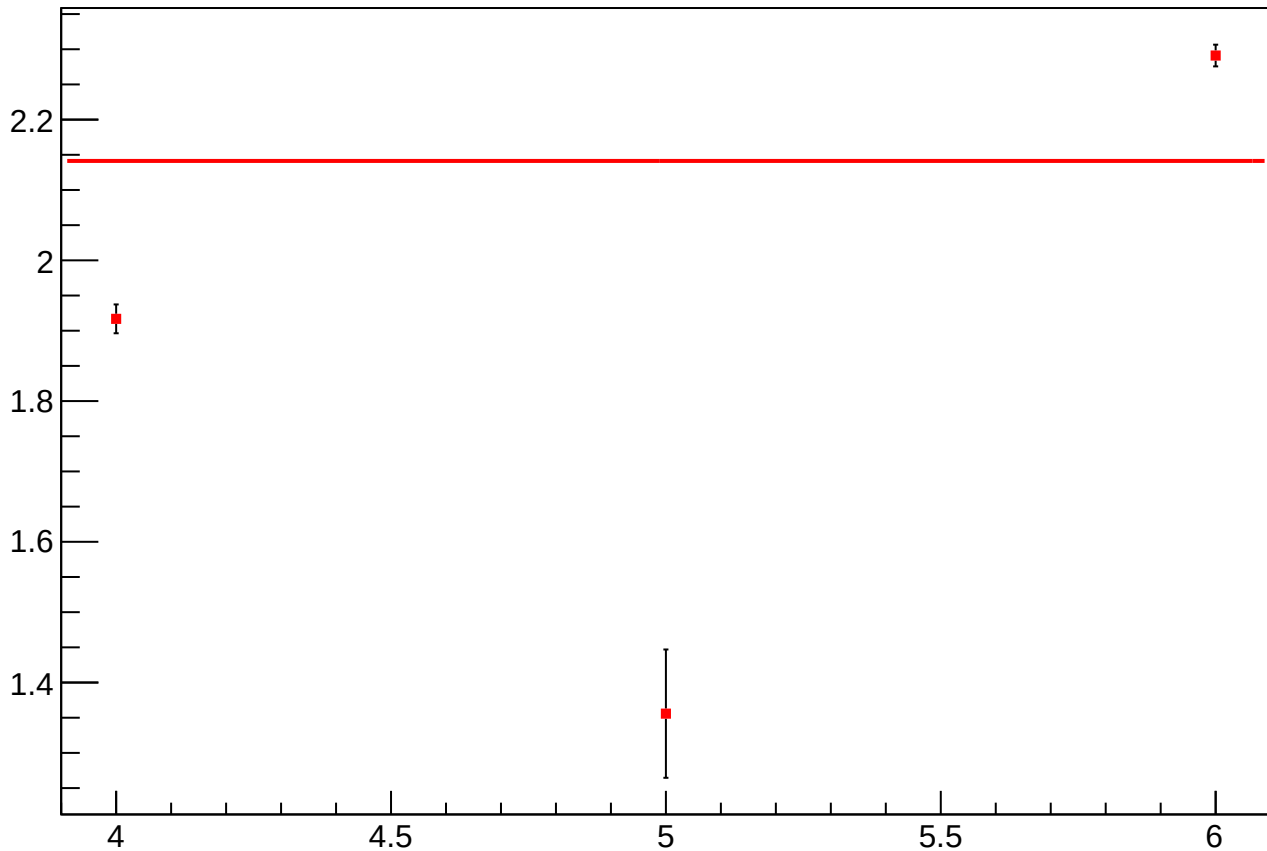
Right Out: -1.430 ± 0.012 χ^2/NDF : 24645.0/16

Left In: -0.046 ± 0.016 χ^2/NDF : 1581.5/16

-0.296 ± 0.010 χ^2/NDF : 2853.2/30

-0.941 ± 0.009 χ^2/NDF : 31229.0/33

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

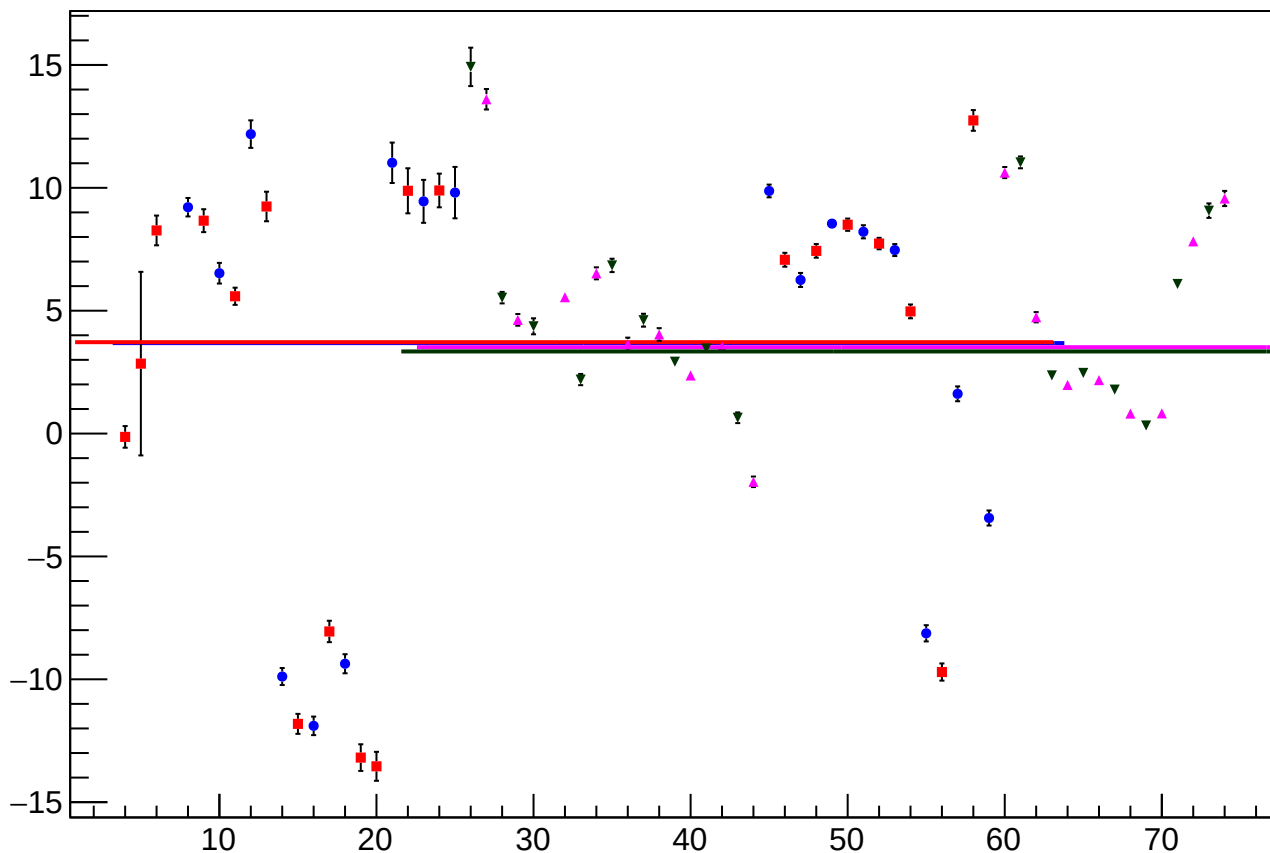
0.000+/-0.000 χ^2/NDF : 0.0/0

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

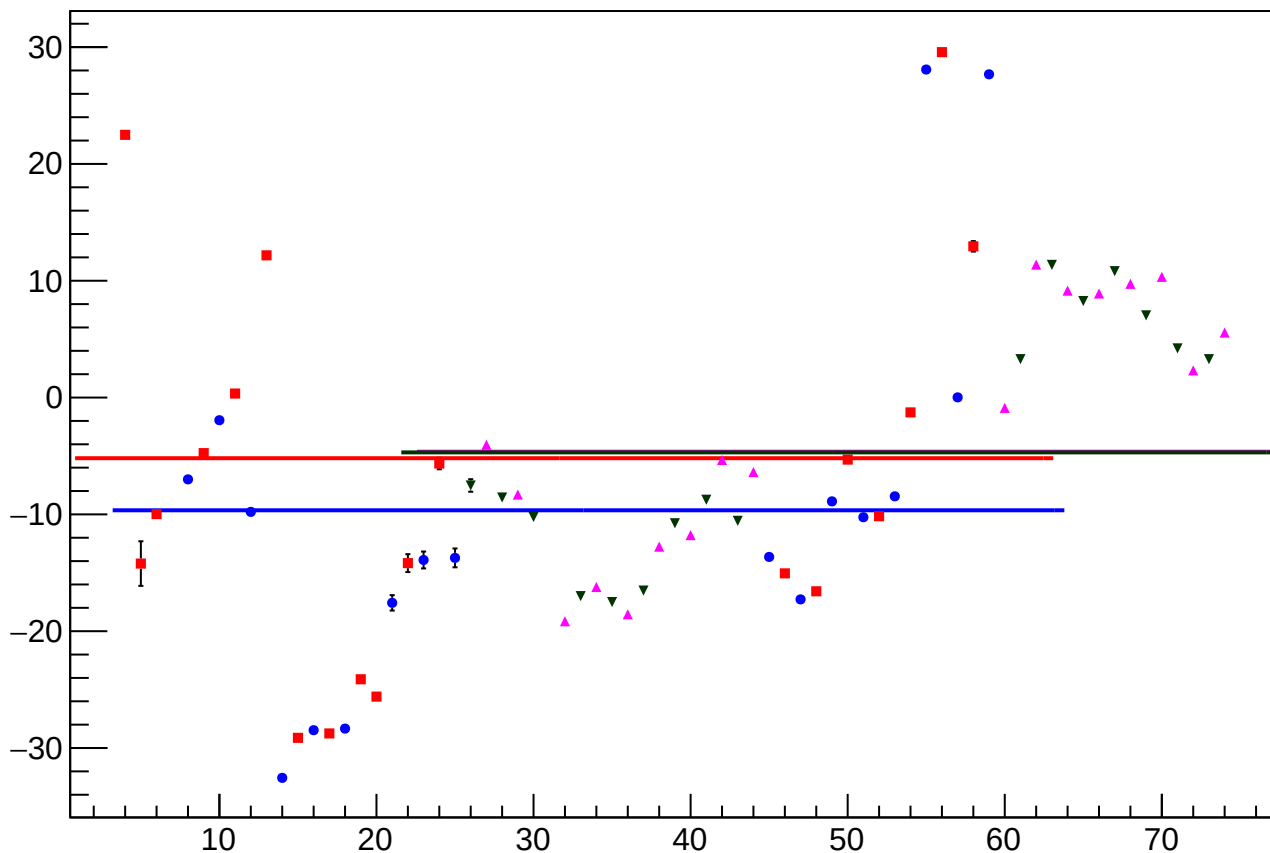
Right Out: 3.719 $\pm$ 0.088 χ^2 /NDF: 7435.3/18

Left In: 3.514 $\pm$ 0.047 χ^2 /NDF: 4772.0/16

3.433 $\pm$ 0.041 χ^2 /NDF: 12382.6/32

3.560 $\pm$ 0.041 χ^2 /NDF: 12211.6/35

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -9.650+/-0.059 χ^2/NDF : 45177.4/16

Left Out: -4.694+/-0.047 χ^2/NDF : 44866.1/15

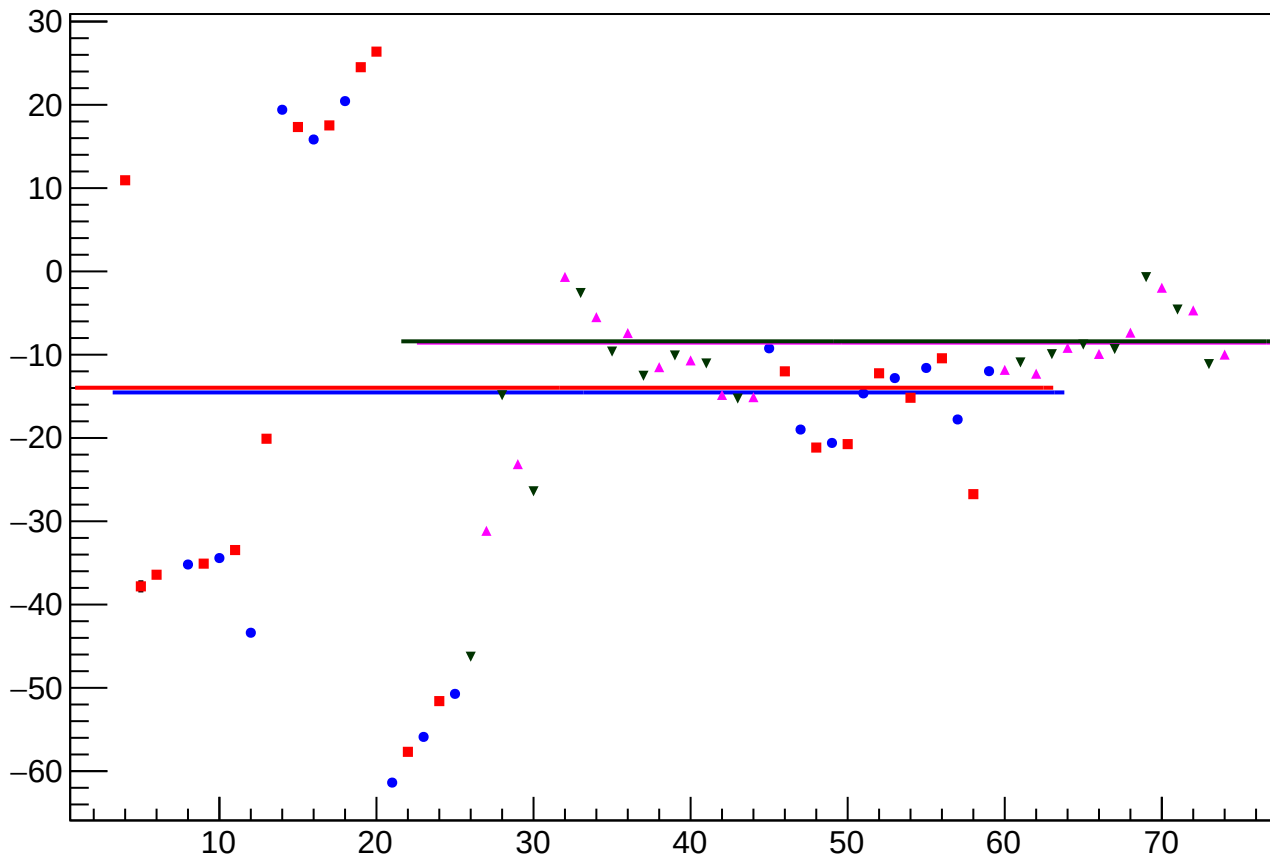
Right Out: -5.191+/-0.060 χ^2/NDF : 50062.0/18

Left In: -4.631+/-0.045 χ^2/NDF : 53925.3/16

-6.600+/-0.037 χ^2/NDF : 94378.2/32

-4.837+/-0.036 χ^2/NDF : 104043.1/35

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

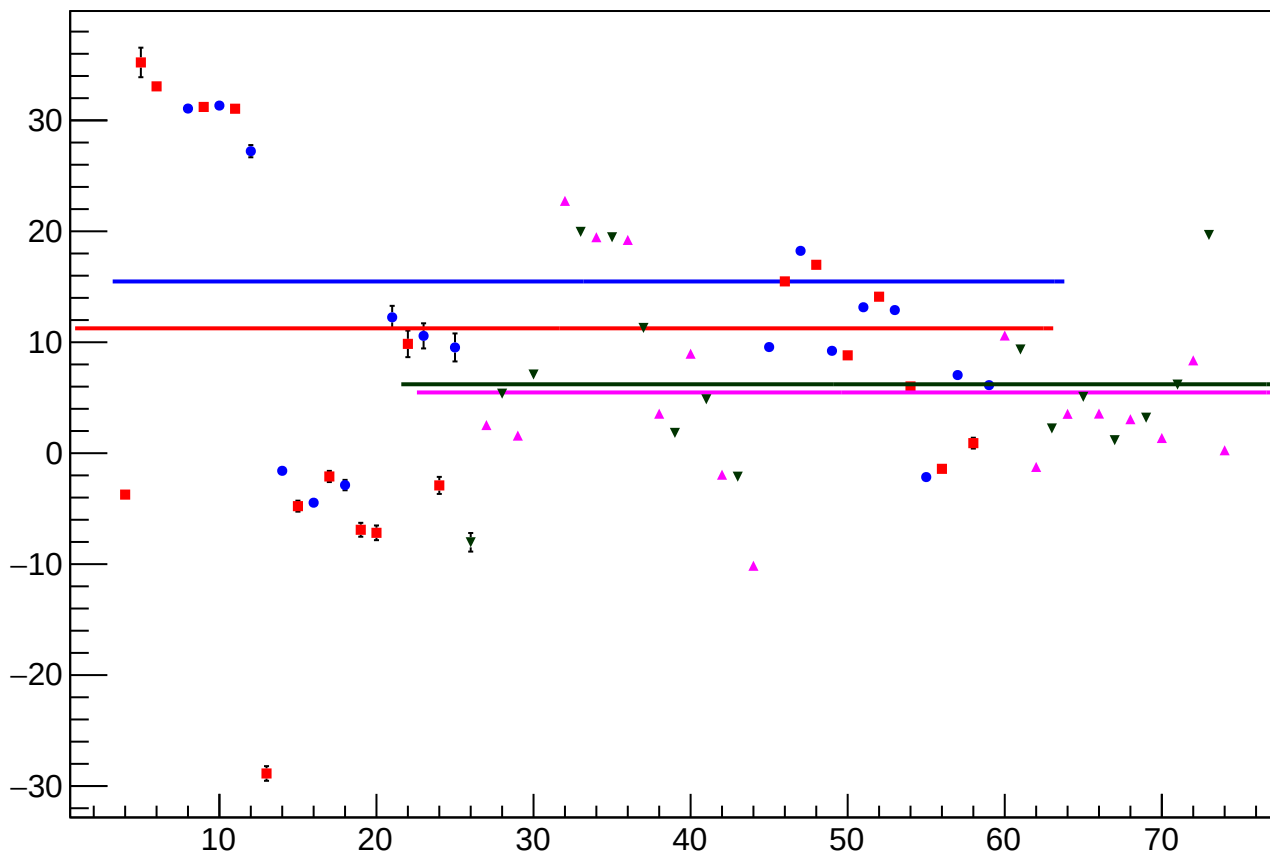
Right Out: -13.966 $\pm$ 0.015 χ^2 /NDF: 1151917.6/18

Left In: -8.556 $\pm$ 0.008 χ^2 /NDF: 480665.0/16

-9.987 $\pm$ 0.007 χ^2 /NDF: 1813998.9/32

-9.769 $\pm$ 0.007 χ^2 /NDF: 1730859.6/35

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 15.479 $\pm$ 0.082 χ^2 /NDF: 22443.0/16

Left Out: 6.212 $\pm$ 0.069 χ^2 /NDF: 7861.5/15

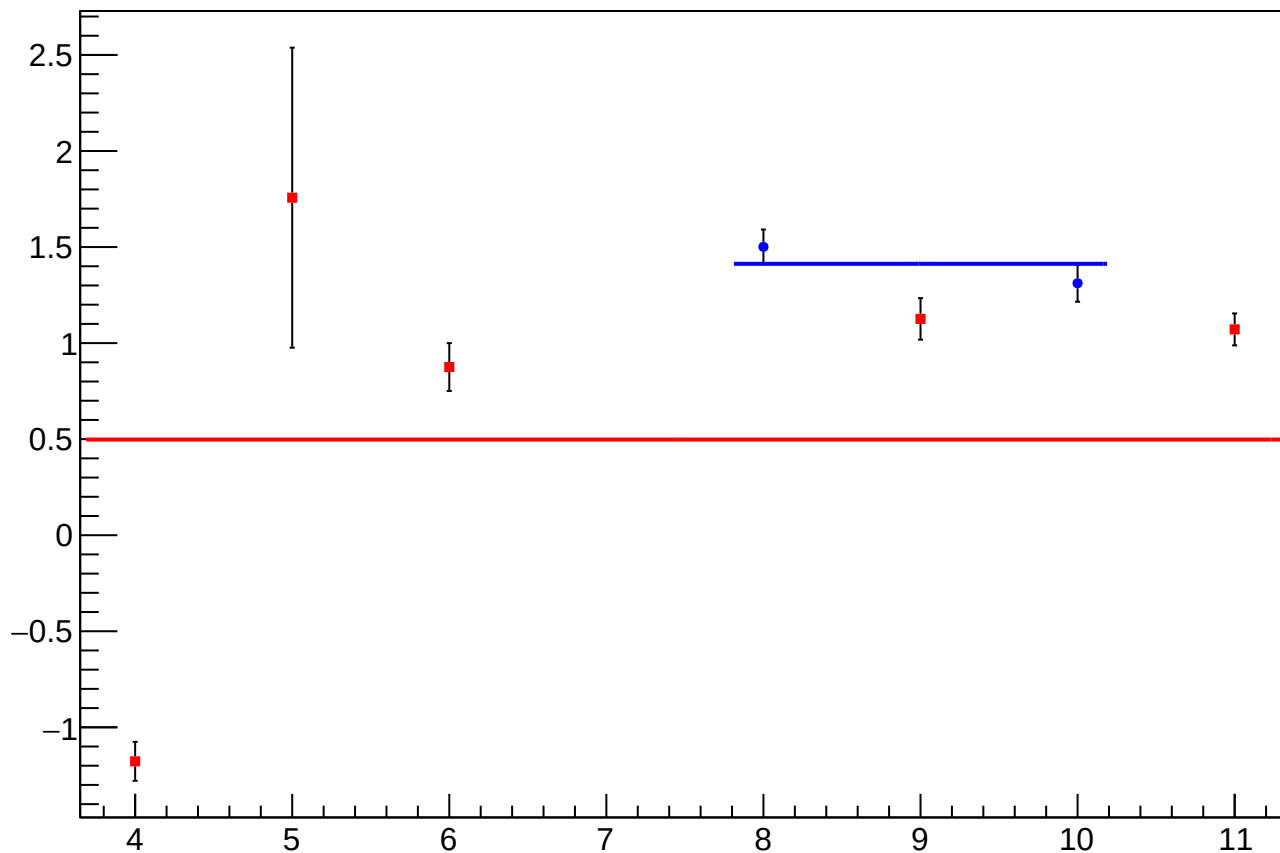
Right Out: 11.255 $\pm$ 0.073 χ^2 /NDF: 45171.8/18

Left In: 5.475 $\pm$ 0.067 χ^2 /NDF: 14848.6/16

10.033 $\pm$ 0.053 χ^2 /NDF: 37816.0/32

8.106 $\pm$ 0.050 χ^2 /NDF: 63390.3/35

reg_asym_sam_15_avg_diff_bpm12X_slope vs slug



Right In: 1.413 ± 0.066 $\chi^2/\text{NDF}: 2.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

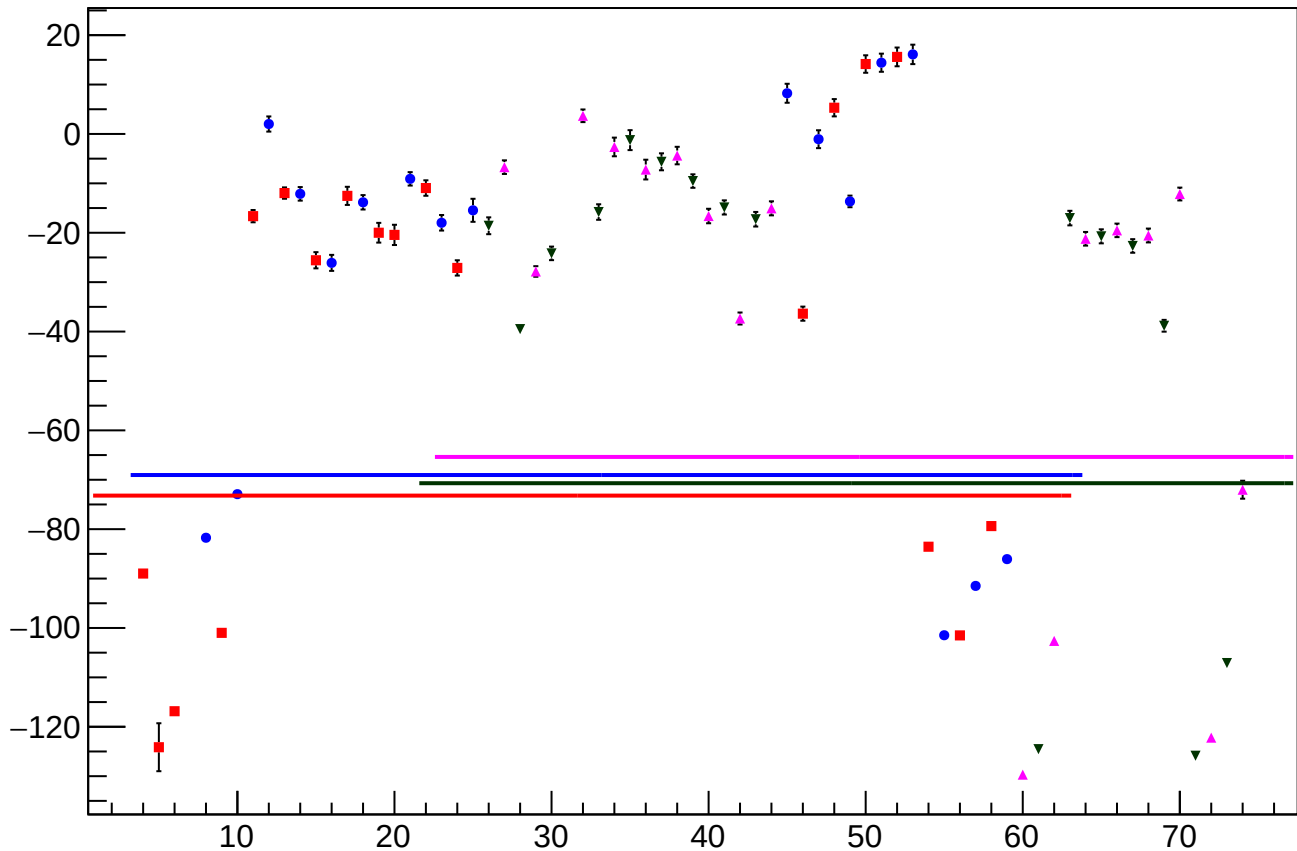
Right Out: 0.498 ± 0.050 $\chi^2/\text{NDF}: 366.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.413 ± 0.066 $\chi^2/\text{NDF}: 2.1/1$

0.498 ± 0.050 $\chi^2/\text{NDF}: 366.4/4$

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -69.039 $\pm$ 0.226 χ^2 /NDF: 25747.4/16

Left Out: -70.697 $\pm$ 0.281 χ^2 /NDF: 32633.7/15

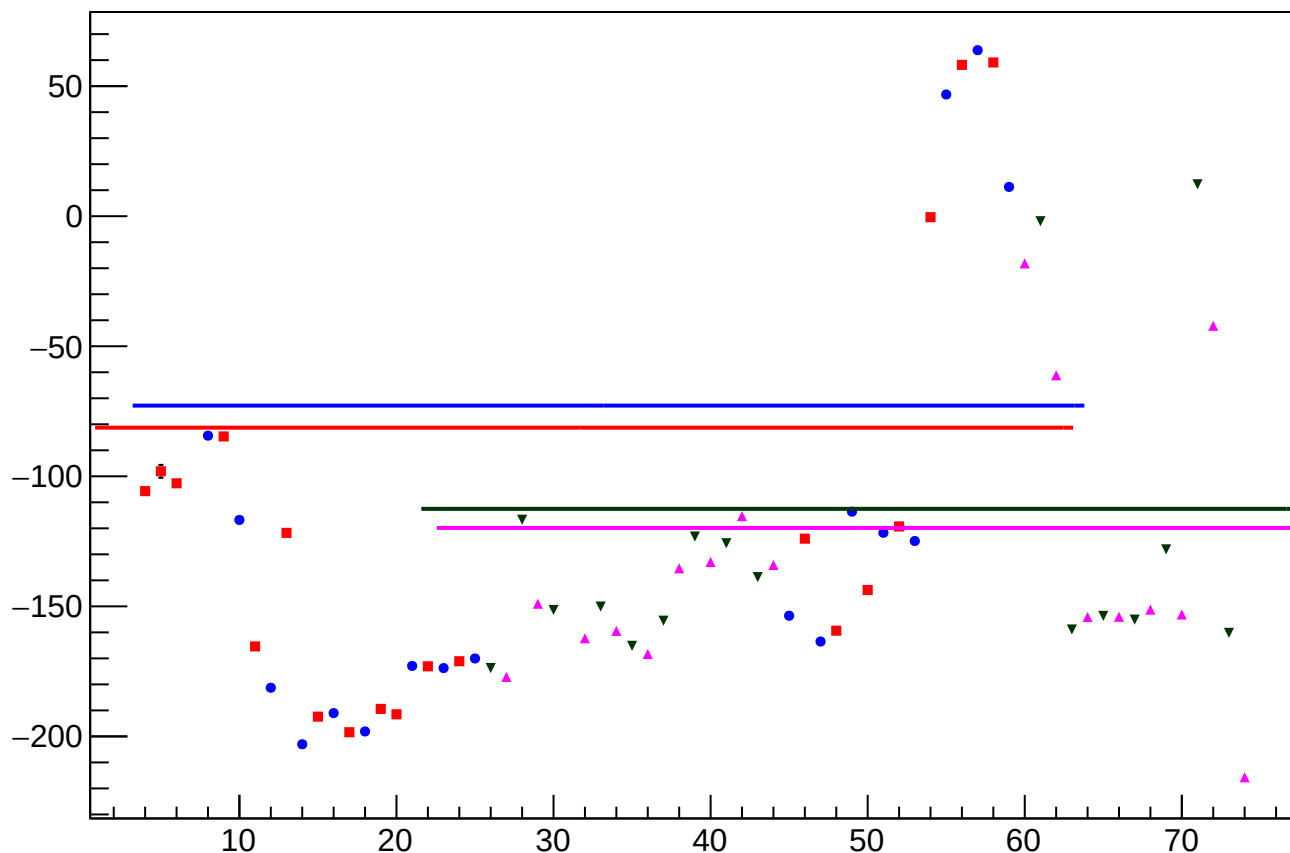
Right Out: -73.206 $\pm$ 0.229 χ^2 /NDF: 25949.1/18

Left In: -65.379 $\pm$ 0.279 χ^2 /NDF: 35288.8/16

-69.689 $\pm$ 0.176 χ^2 /NDF: 58402.3/32

-70.060 $\pm$ 0.177 χ^2 /NDF: 61708.2/35

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

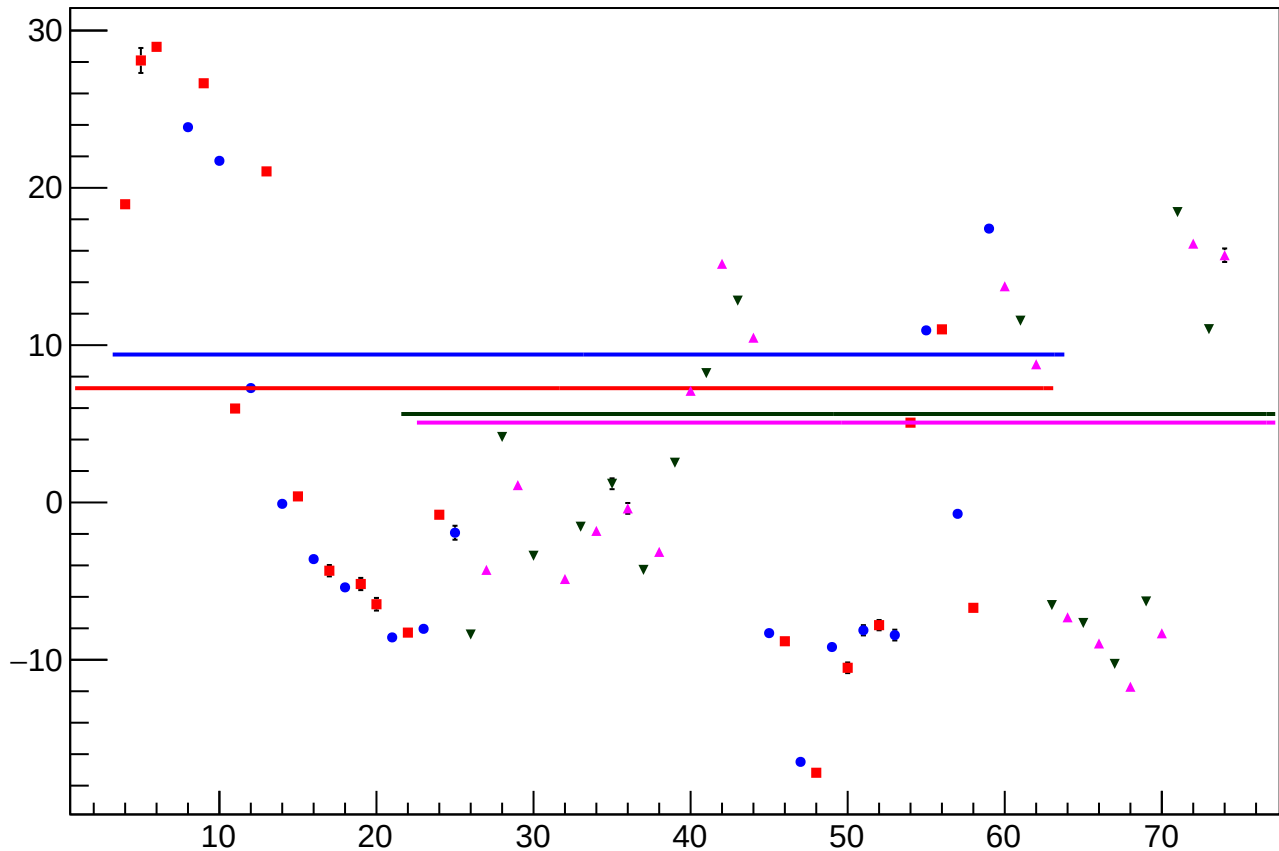
Right Out: -81.292 $\pm$ 0.172 χ^2 /NDF: 230703.1/18

Left In: -119.844 $\pm$ 0.271 χ^2 /NDF: 40082.4/16

-84.666 $\pm$ 0.155 χ^2 /NDF: 279738.1/32

-92.337 $\pm$ 0.145 χ^2 /NDF: 285229.6/35

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 9.404+/-0.039 χ^2/NDF : 90079.5/16

Left Out: 5.624+/-0.050 χ^2/NDF : 37068.1/15

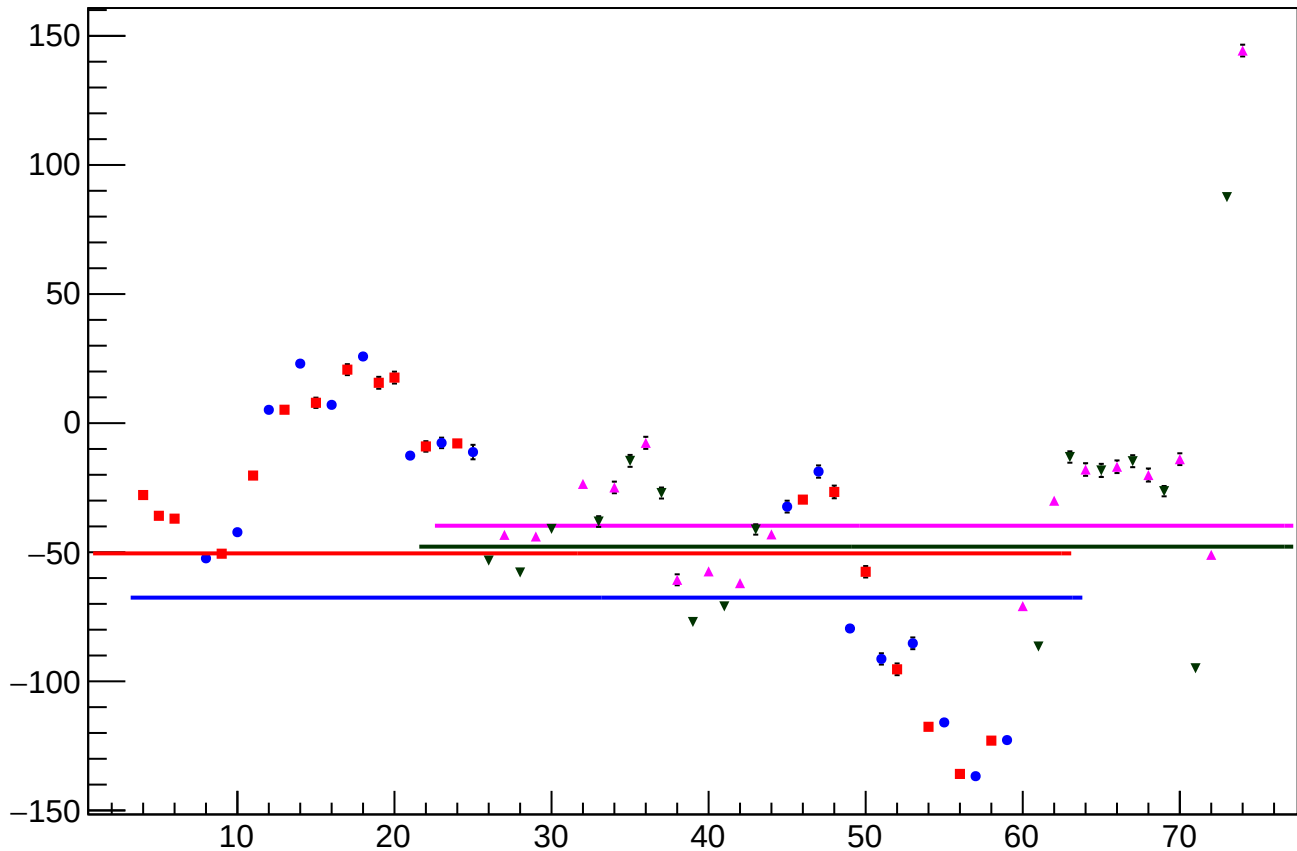
Right Out: 7.264+/-0.039 χ^2/NDF : 121218.3/18

Left In: 5.077+/-0.050 χ^2/NDF : 37411.1/16

7.984+/-0.031 χ^2/NDF : 130691.7/32

6.421+/-0.031 χ^2/NDF : 159825.6/35

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -67.579 $\pm$ 0.192 χ^2 /NDF: 45862.2/16

Left Out: -47.836 $\pm$ 0.383 χ^2 /NDF:18603.6/15

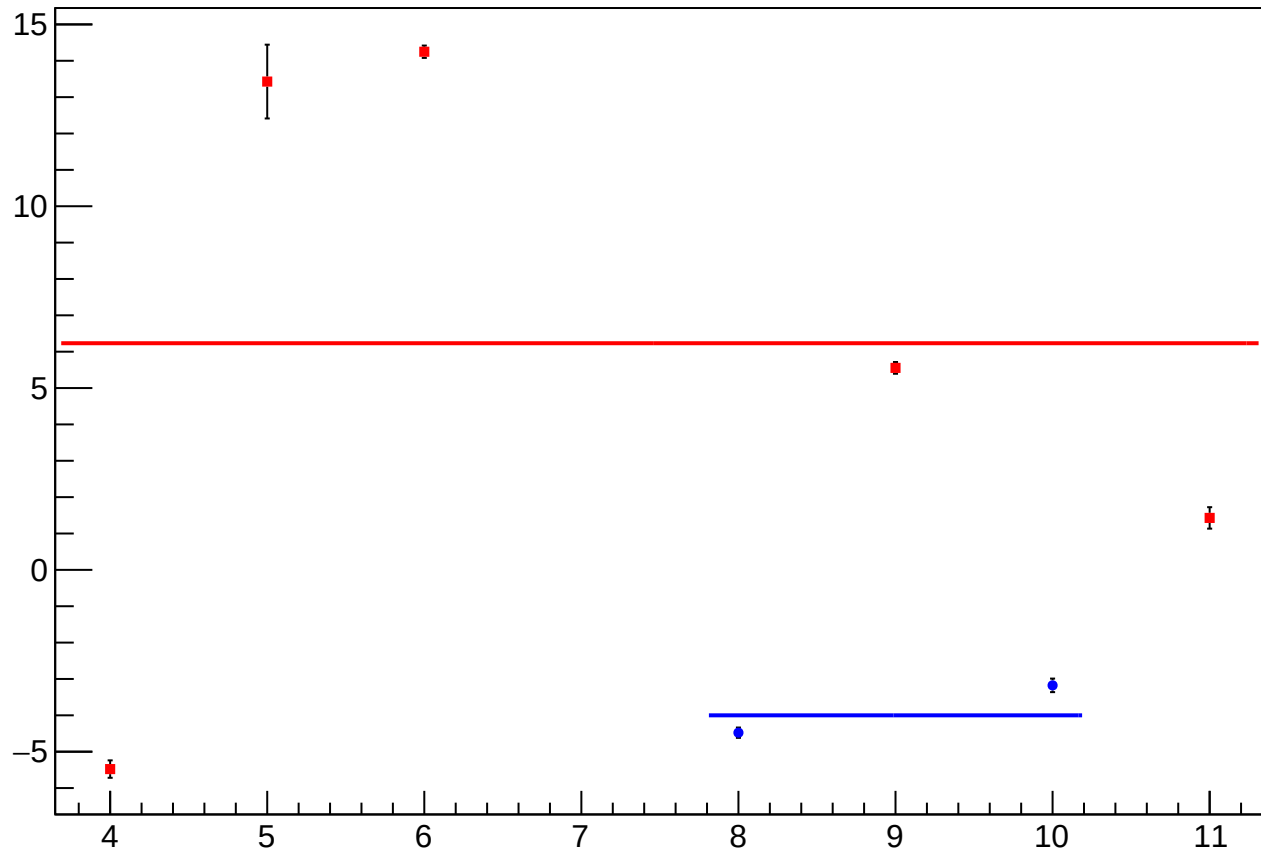
Right Out: -50.443 $\pm$ 0.161 χ^2 /NDF: 58464.9/18

Left In: -39.728 $\pm$ 0.361 χ^2 /NDF:9182.4/16

-63.603 $\pm$ 0.172 χ^2 /NDF: 66587.3/32

-48.662 $\pm$ 0.147 χ^2 /NDF: 68382.8/35

reg_asym_sam_15_dd_diff_bpm12X_slope vs slug



Right In: -4.000 ± 0.113 $\chi^2/\text{NDF}: 30.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

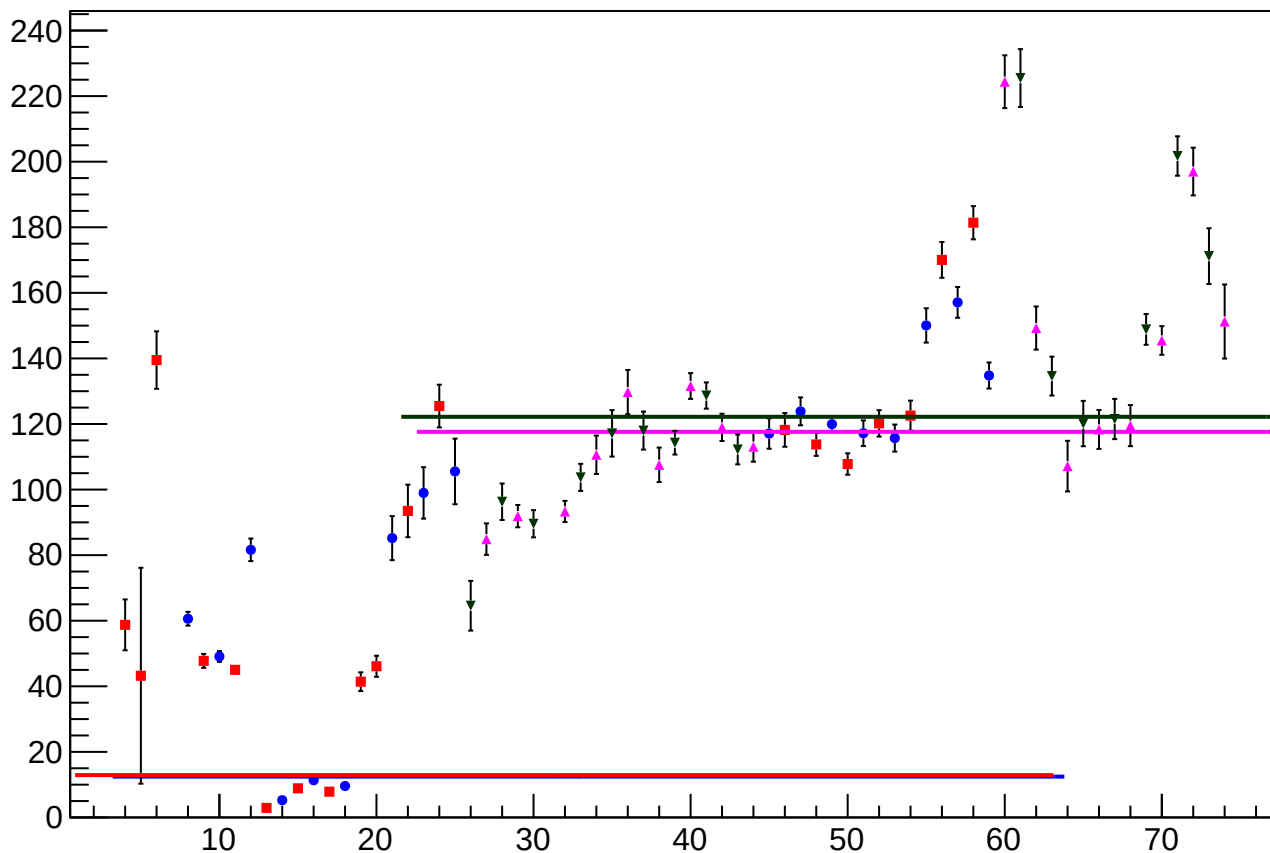
Right Out: 6.233 ± 0.099 $\chi^2/\text{NDF}: 4947.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.000 ± 0.113 $\chi^2/\text{NDF}: 30.9/1$

6.233 ± 0.099 $\chi^2/\text{NDF}: 4947.5/4$

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 12.458+/-0.203 χ^2/NDF : 9685.7/16

Left Out: 122.194+/-1.314 χ^2/NDF : 556.8/15

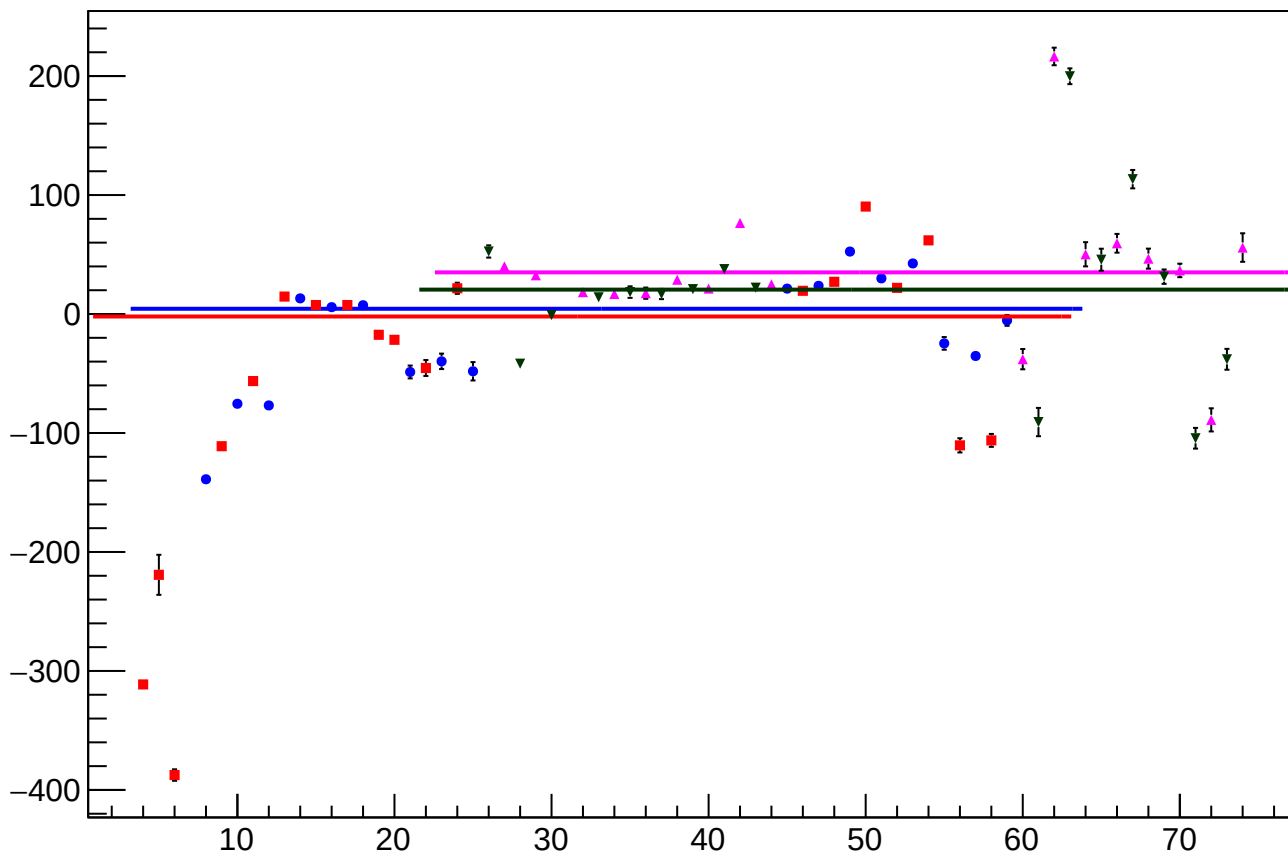
Right Out: 12.918+/-0.225 χ^2/NDF : 7537.4/18

Left In: 117.606+/-1.221 χ^2/NDF : 552.0/16

15.020+/-0.201 χ^2/NDF : 17050.0/32

16.367+/-0.222 χ^2/NDF : 15201.3/35

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 4.416 ± 0.149 $\chi^2/\text{NDF}: 26500.5/16$

Left Out: 20.516 ± 1.099 $\chi^2/\text{NDF}: 1567.8/15$

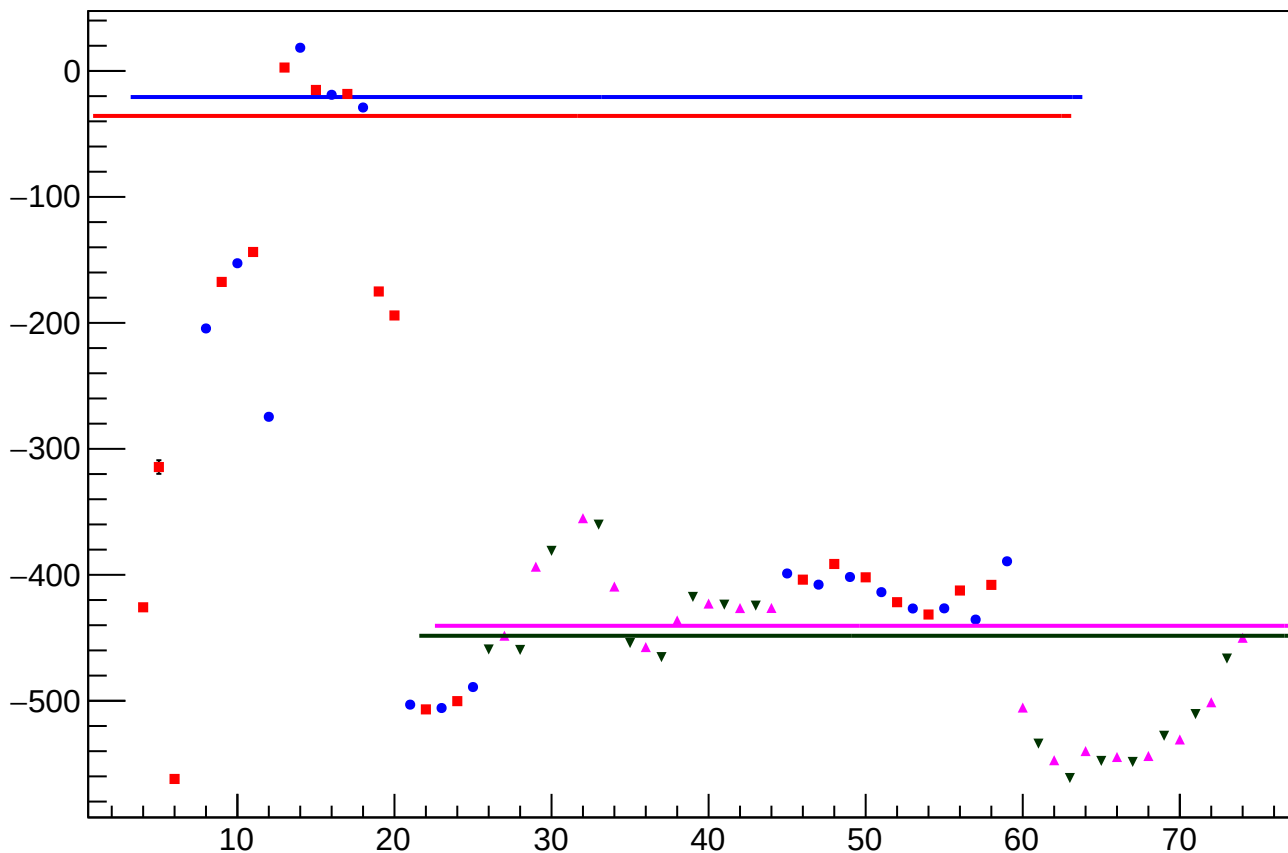
Right Out: -2.087 ± 0.165 $\chi^2/\text{NDF}: 37599.7/18$

Left In: 35.015 ± 0.999 $\chi^2/\text{NDF}: 1160.0/16$

4.708 ± 0.148 $\chi^2/\text{NDF}: 28278.9/32$

-1.107 ± 0.162 $\chi^2/\text{NDF}: 40102.8/35$

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

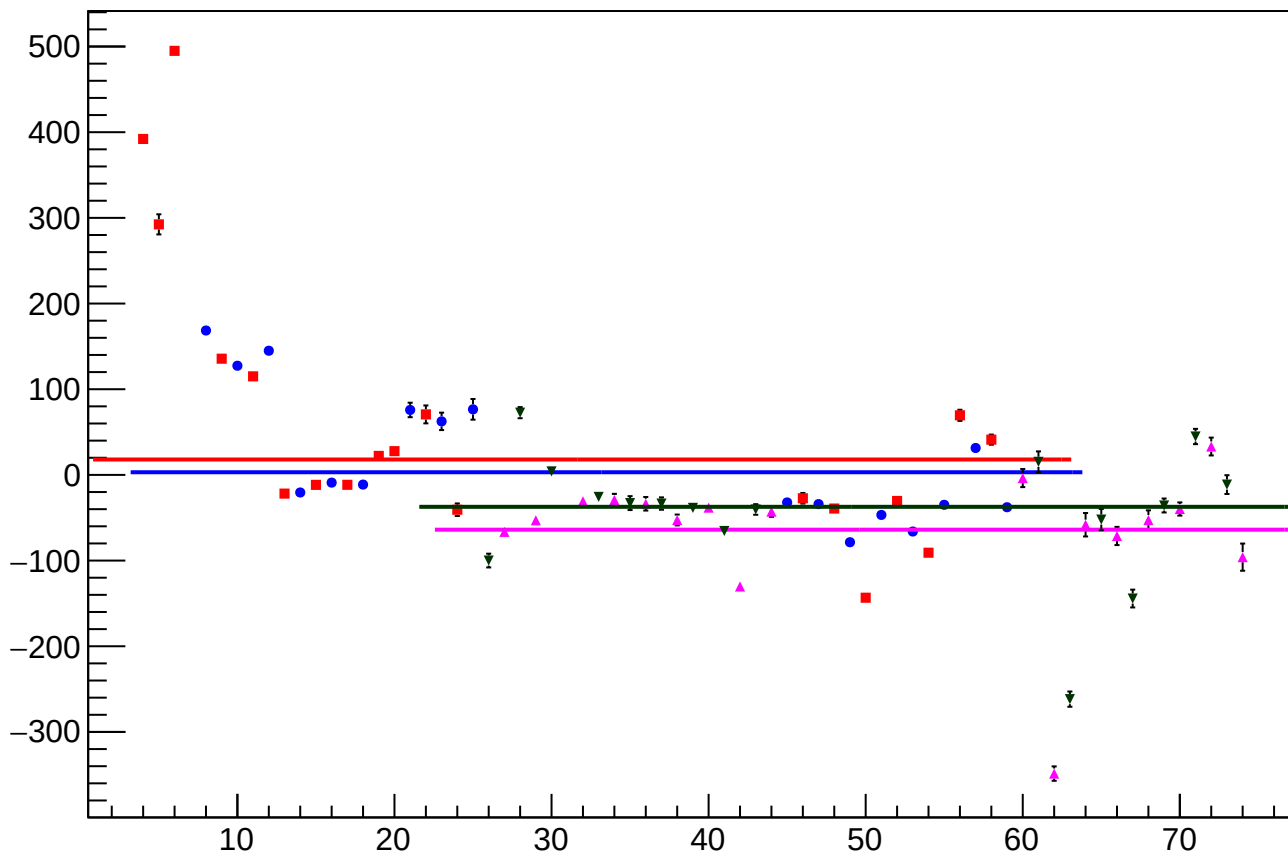
Right Out: -35.704 $\pm$ 0.043 χ^2 /NDF: 3023477.1/18

Left In: -440.457 $\pm$ 0.211 χ^2 /NDF: 88818.9/16

-33.364 $\pm$ 0.039 χ^2 /NDF: 7670734.5/32

-51.833 $\pm$ 0.042 χ^2 /NDF: 6645629.3/35

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: 3.092 ± 0.226 $\chi^2/\text{NDF}: 52744.7/16$

Left Out: -37.255 ± 1.750 $\chi^2/\text{NDF}: 1295.5/15$

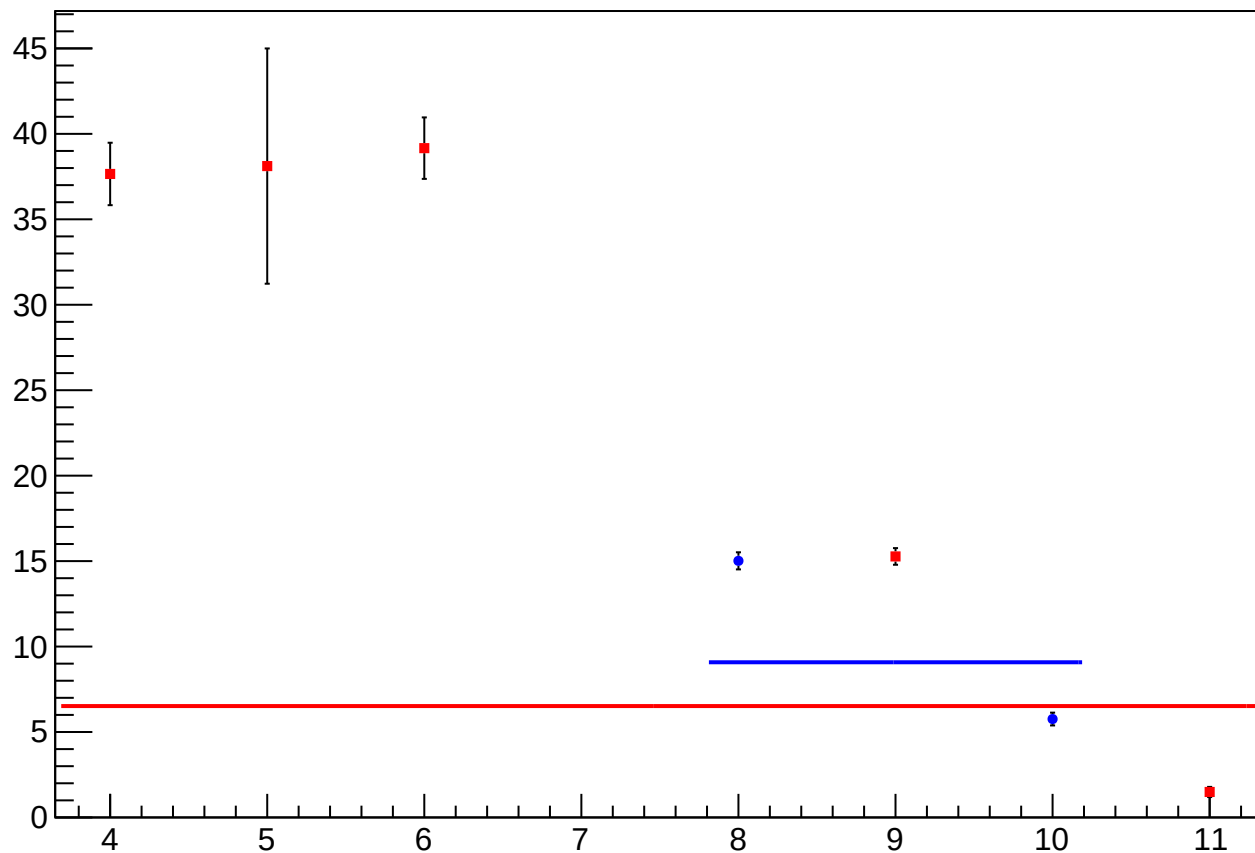
Right Out: 17.983 ± 0.248 $\chi^2/\text{NDF}: 88612.3/18$

Left In: -63.941 ± 1.592 $\chi^2/\text{NDF}: 1606.6/16$

2.429 ± 0.224 $\chi^2/\text{NDF}: 54562.8/32$

16.044 ± 0.245 $\chi^2/\text{NDF}: 92805.6/35$

reg_asym_sam_37_avg_diff_bpm12X_slope vs slug



Right In: 9.080 $\pm$ 0.300 χ^2 /NDF: 219.4/1

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

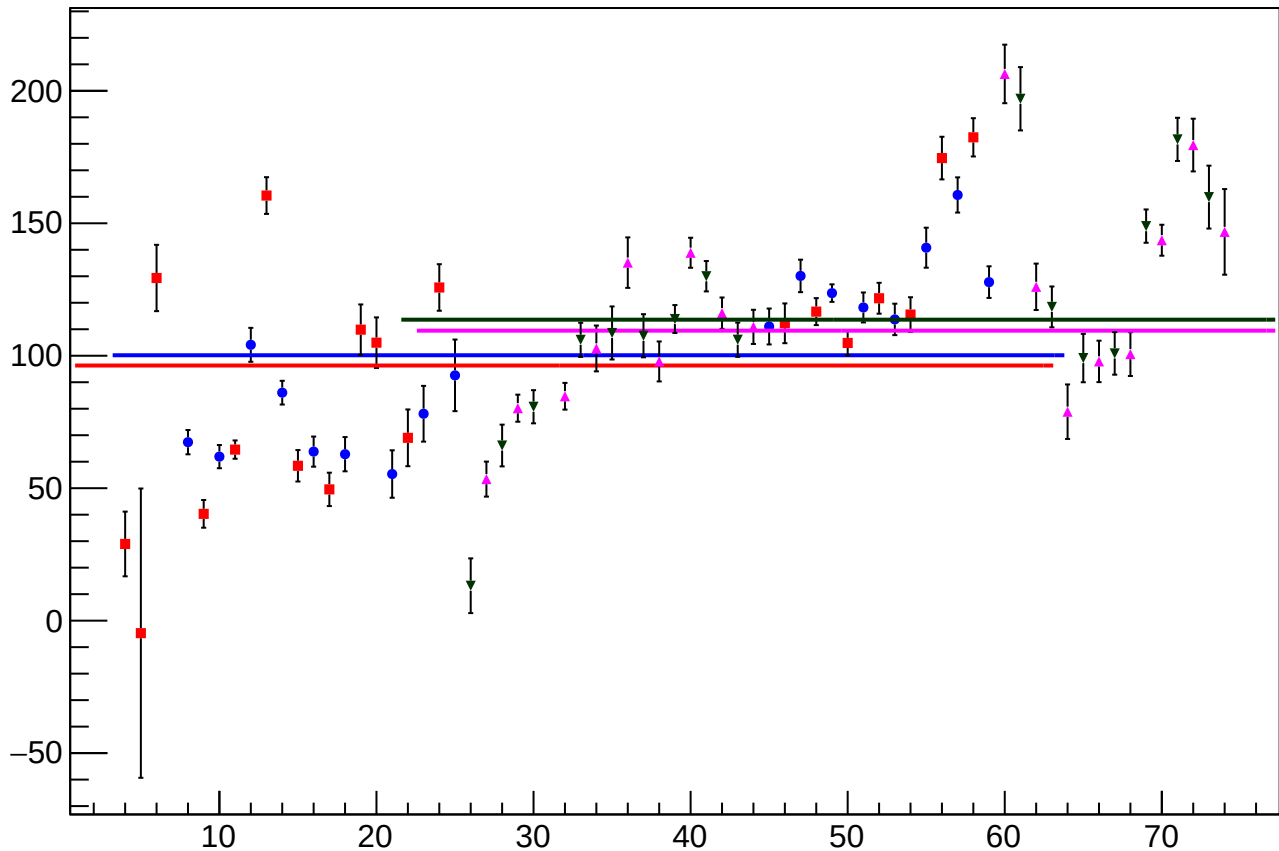
Right Out: 6.518 $\pm$ 0.249 χ^2 /NDF: 1250.9/4

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

9.080 $\pm$ 0.300 χ^2 /NDF: 219.4/1

6.518 $\pm$ 0.249 χ^2 /NDF: 1250.9/4

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 100.185 $\pm$ 1.382 χ^2 /NDF: 467.3/16

Left Out: 113.614 $\pm$ 1.859 χ^2 /NDF:340.8/15

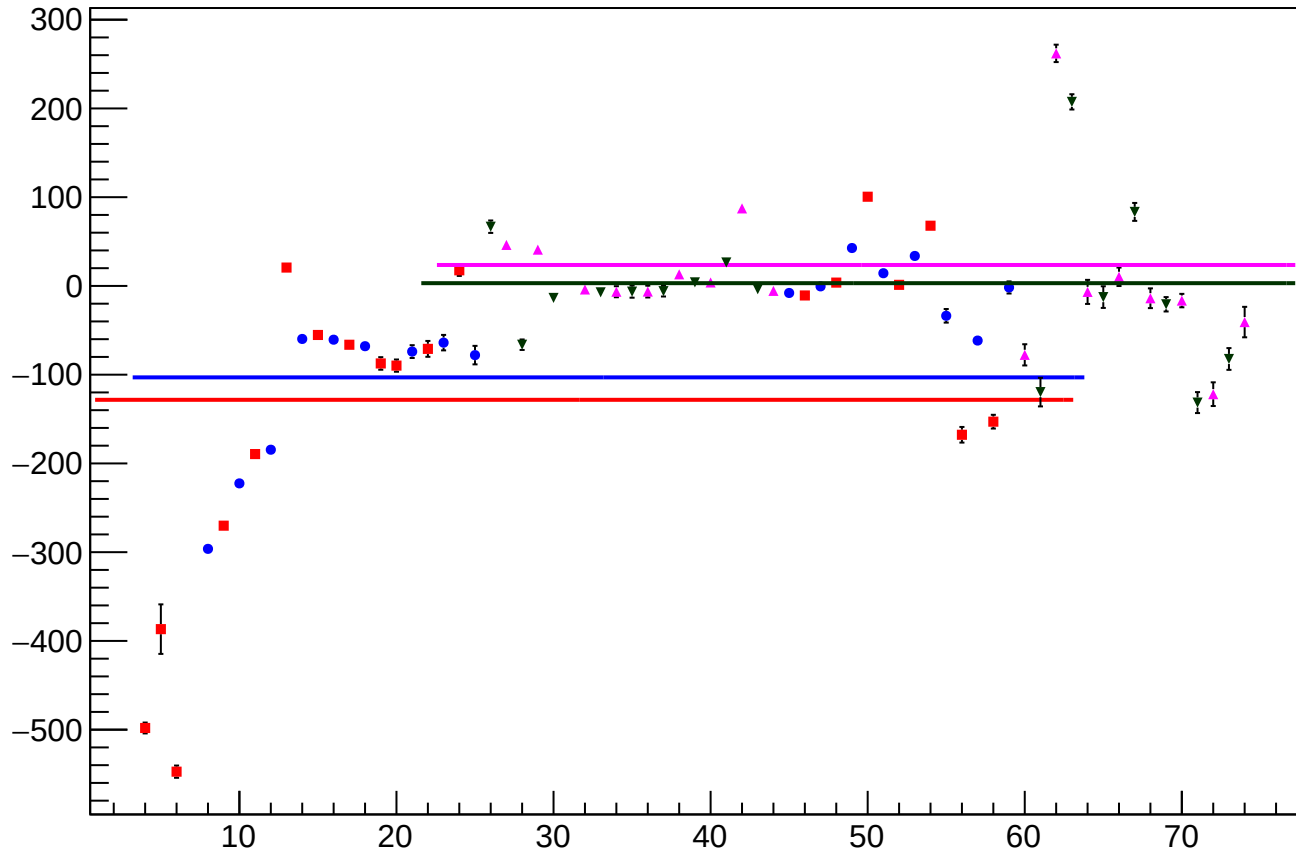
Right Out: 96.311 $\pm$ 1.507 χ^2 /NDF: 730.1/18

Left In: 109.470 $\pm$ 1.738 χ^2 /NDF:349.0/16

104.965 $\pm$ 1.109 χ^2 /NDF: 841.8/32

101.957 $\pm$ 1.138 χ^2 /NDF: 1111.7/35

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -103.036 ± 0.969 $\chi^2/\text{NDF}: 14480.3/16$

Left Out: 3.113 ± 1.576 $\chi^2/\text{NDF}: 1147.1/15$

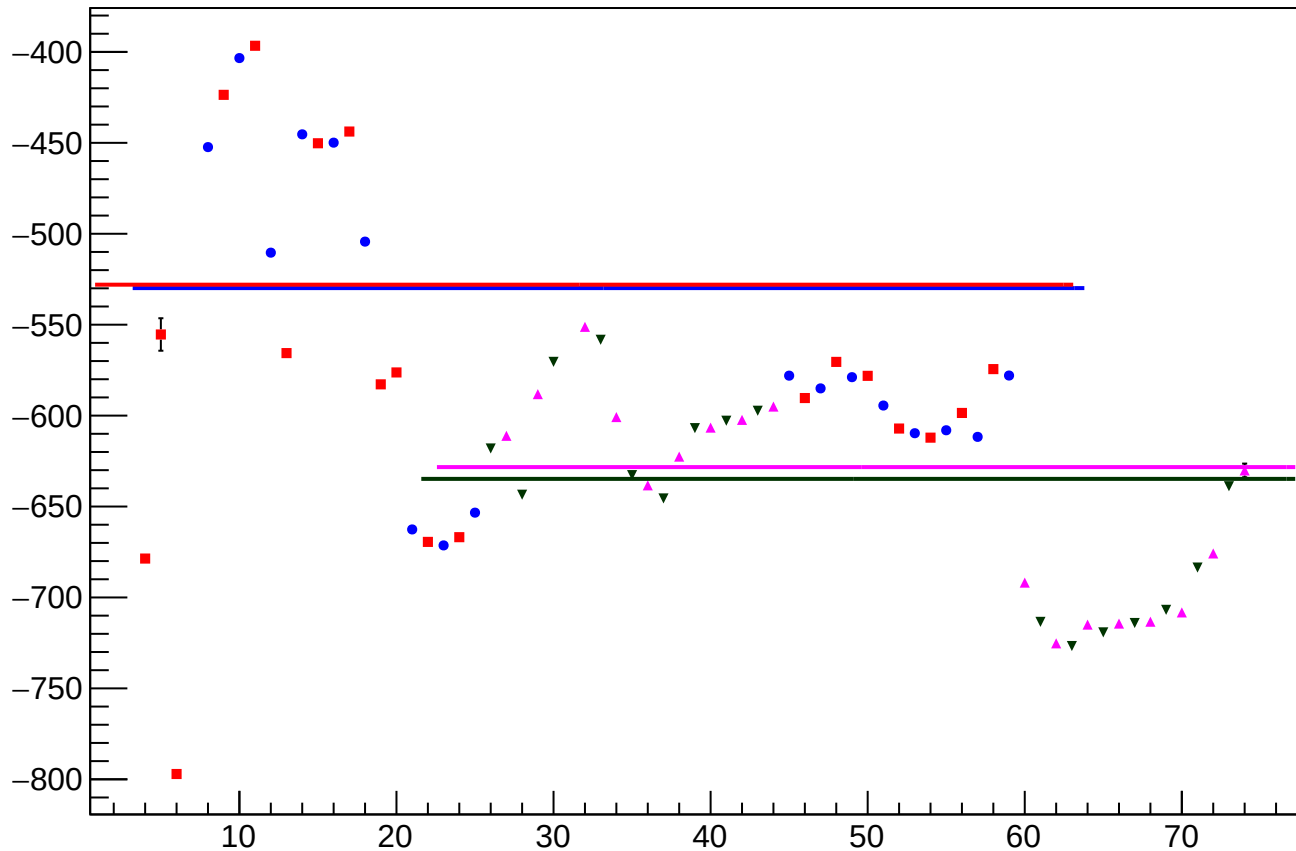
Right Out: -128.320 ± 0.908 $\chi^2/\text{NDF}: 21742.2/18$

Left In: 23.614 ± 1.436 $\chi^2/\text{NDF}: 1272.0/16$

-73.905 ± 0.826 $\chi^2/\text{NDF}: 18918.9/32$

-84.941 ± 0.767 $\chi^2/\text{NDF}: 31016.1/35$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -529.881 $\pm$ 0.249 χ^2 /NDF: 104964.8/16

Left Out: -634.792 $\pm$ 0.318 χ^2 /NDF:30612.3/15

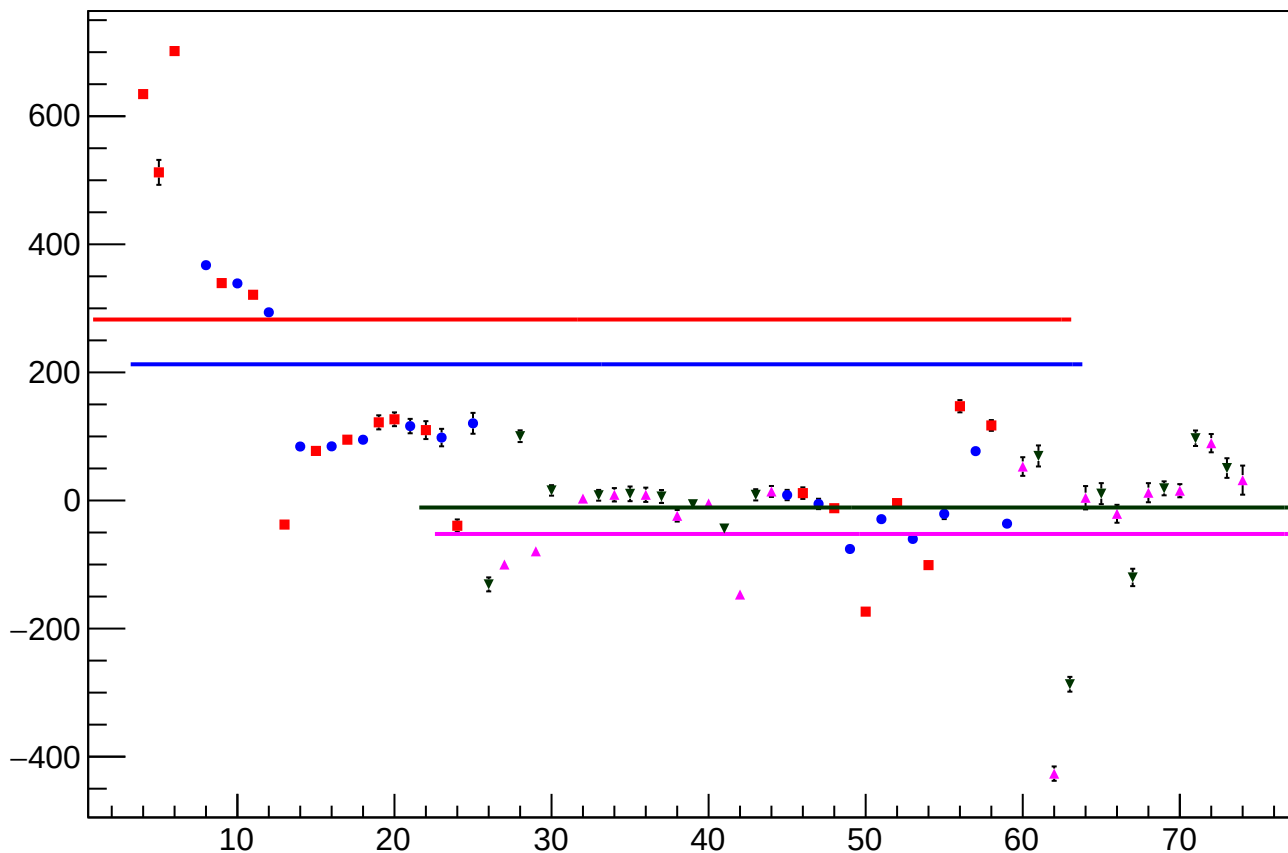
Right Out: -527.997 $\pm$ 0.267 χ^2 /NDF: 133614.6/18

Left In: -628.313 $\pm$ 0.301 χ^2 /NDF:35971.3/16

-569.654 $\pm$ 0.196 χ^2 /NDF: 203103.1/32

-572.149 $\pm$ 0.200 χ^2 /NDF: 231745.2/35

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 212.648 $\pm$ 1.230 χ^2 /NDF: 19279.3/16

Left Out: -10.955 $\pm$ 2.491 χ^2 /NDF:1081.9/15

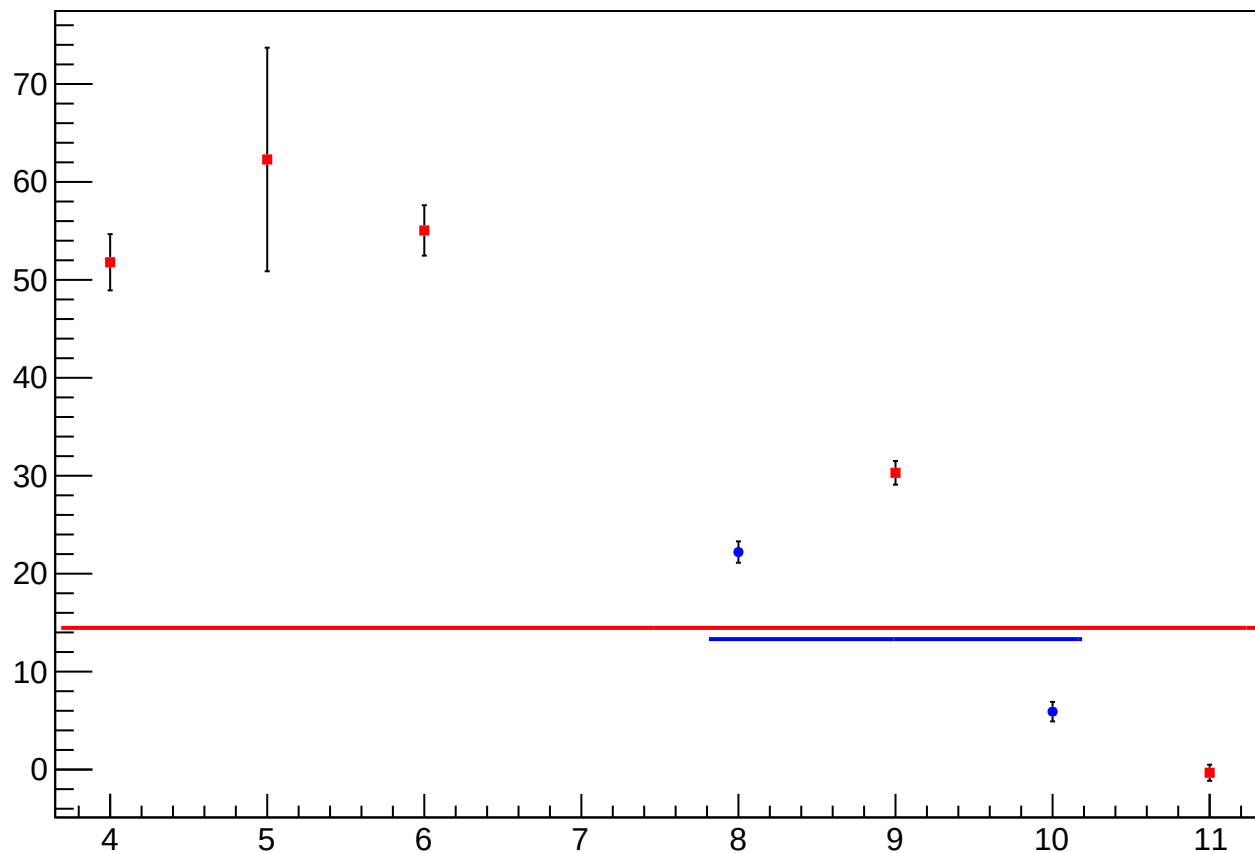
Right Out: 282.576 $\pm$ 1.176 χ^2 /NDF: 35551.9/18

Left In: -52.281 $\pm$ 2.272 χ^2 /NDF:1856.4/16

168.831 $\pm$ 1.103 χ^2 /NDF: 26840.4/32

211.839 $\pm$ 1.044 χ^2 /NDF: 54544.7/35

reg_asym_sam_37_dd_diff_bpm12X_slope vs slug



Right In: 13.318+/-0.736 χ^2/NDF : 121.5/1

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

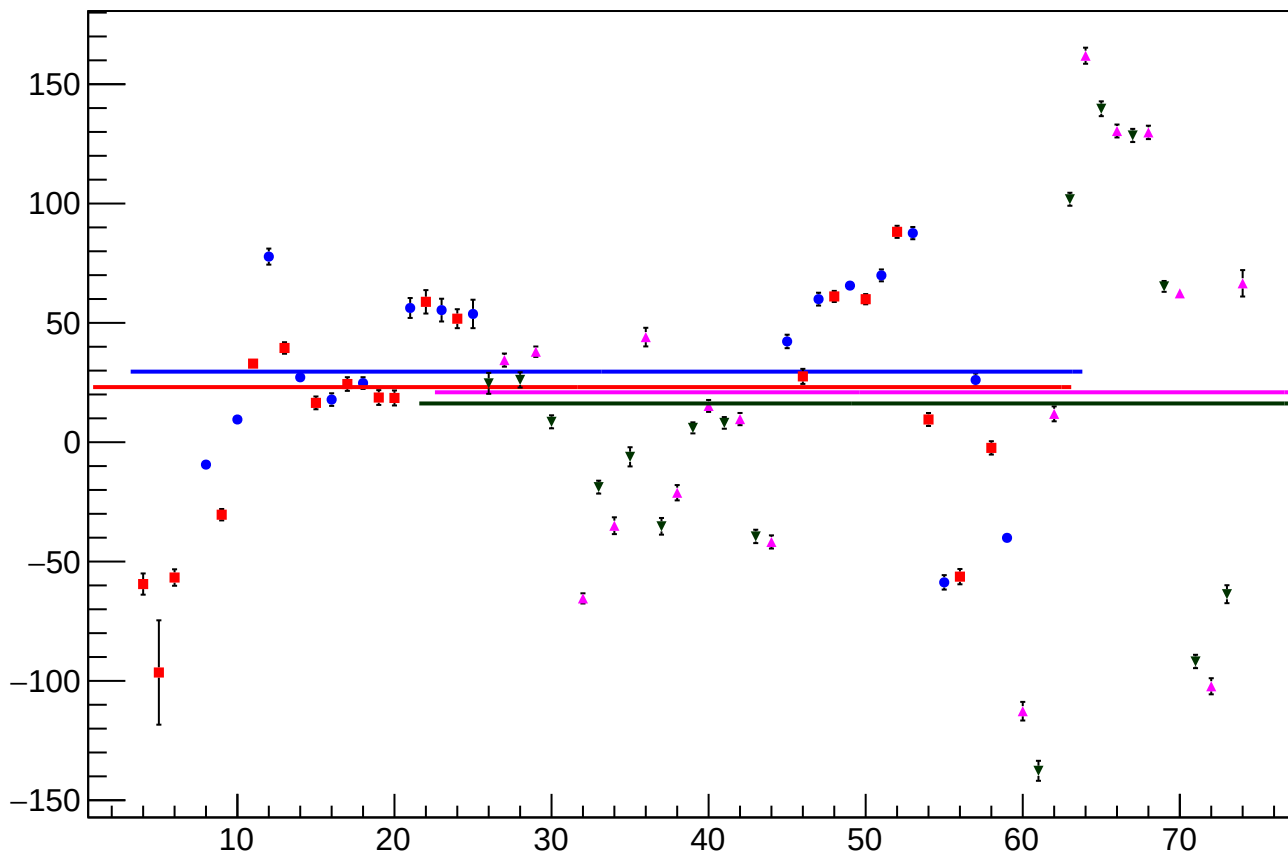
Right Out: 14.467+/-0.640 χ^2/NDF : 930.2/4

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

13.318+/-0.736 χ^2/NDF : 121.5/1

14.467+/-0.640 χ^2/NDF : 930.2/4

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 29.572 $\pm$ 0.607 χ^2 /NDF: 4222.9/16

Left Out: 16.236 $\pm$ 0.733 χ^2 /NDF: 8840.0/15

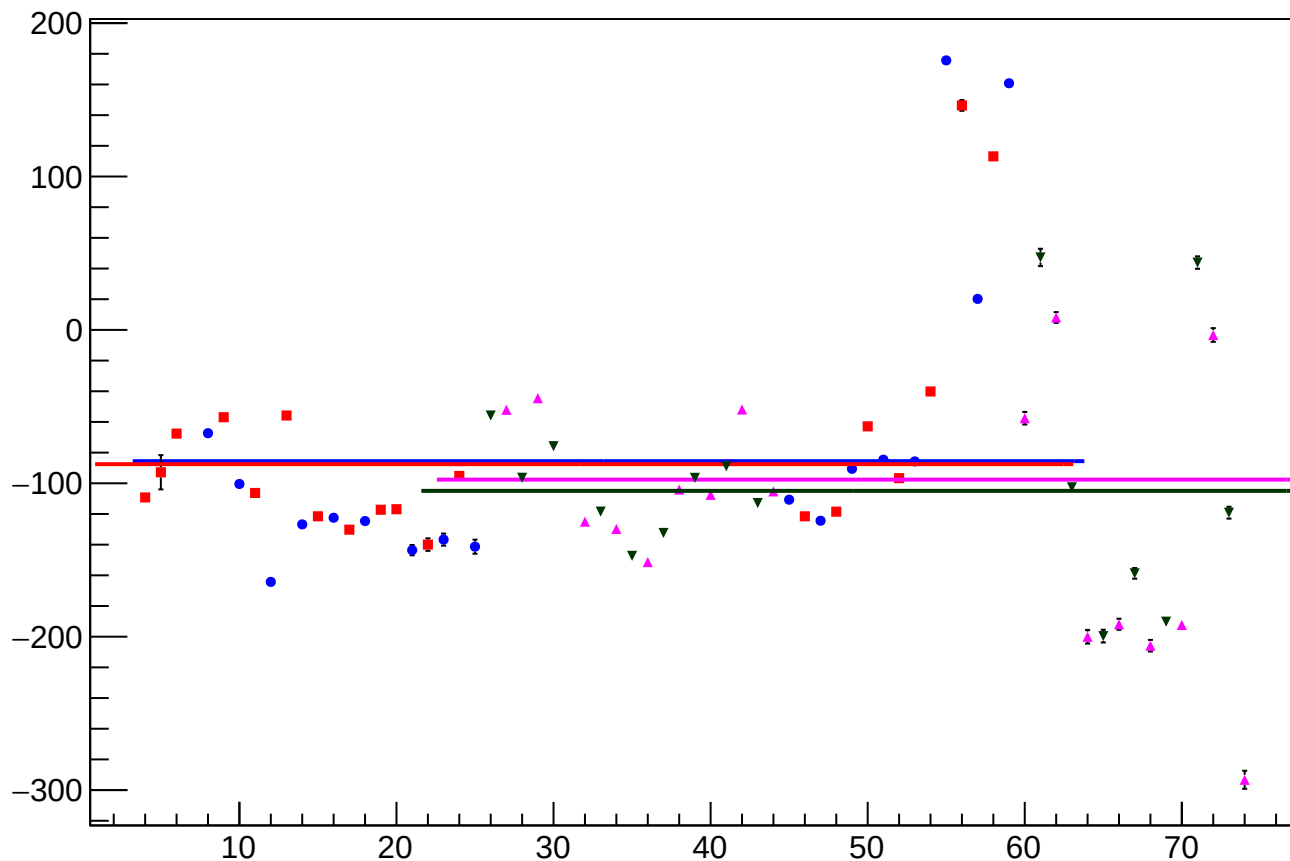
Right Out: 23.092 $\pm$ 0.646 χ^2 /NDF: 3547.1/18

Left In: 20.918 $\pm$ 0.687 χ^2 /NDF: 10585.5/16

24.147 $\pm$ 0.467 χ^2 /NDF: 13259.4/32

22.072 $\pm$ 0.471 χ^2 /NDF: 14138.0/35

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -85.577 ± 0.435 χ^2/NDF : 24731.5/16

Left Out: -104.935 ± 0.647 χ^2/NDF : 4667.0/15

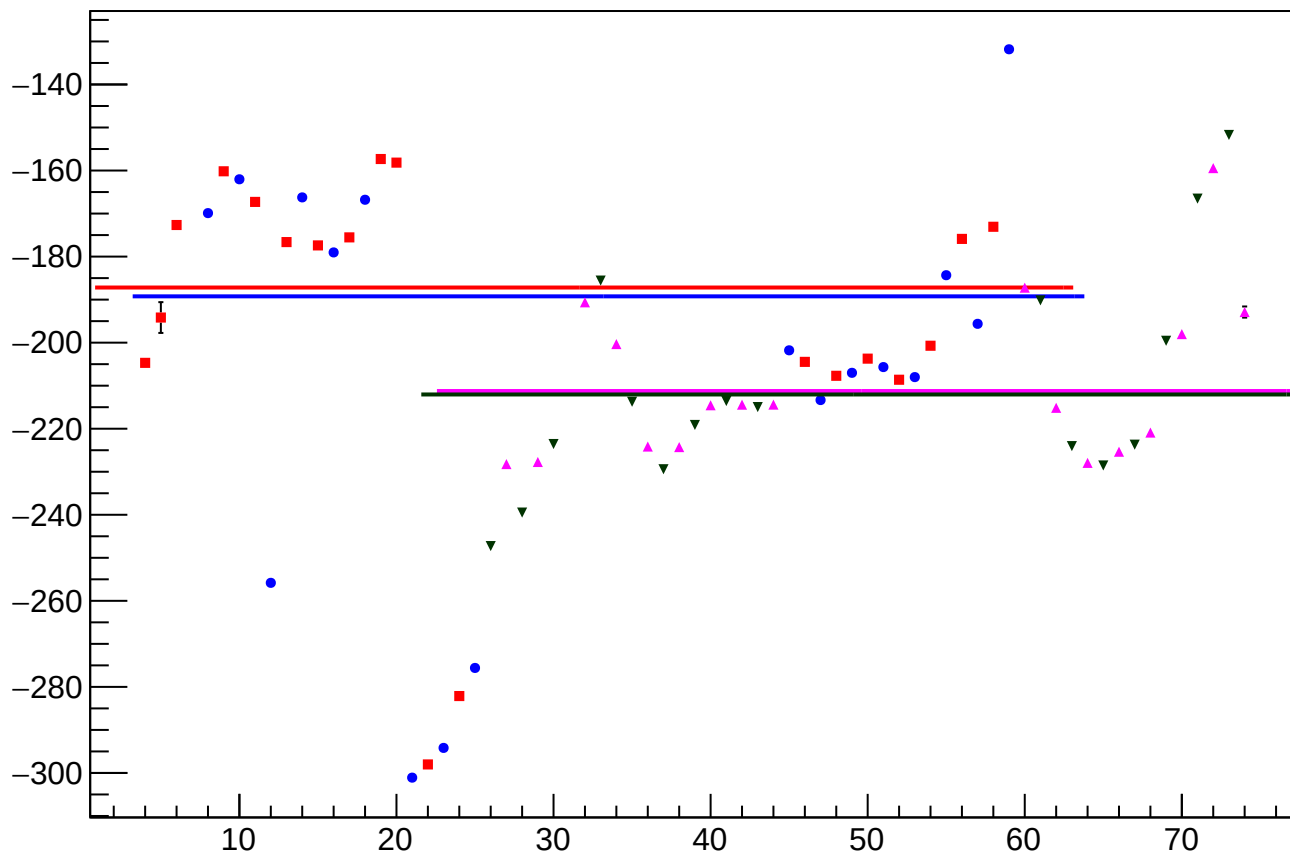
Right Out: -87.540 ± 0.407 χ^2/NDF : 13191.2/18

Left In: -97.608 ± 0.589 χ^2/NDF : 9078.1/16

-91.594 ± 0.361 χ^2/NDF : 30015.3/32

-90.790 ± 0.335 χ^2/NDF : 22467.3/35

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

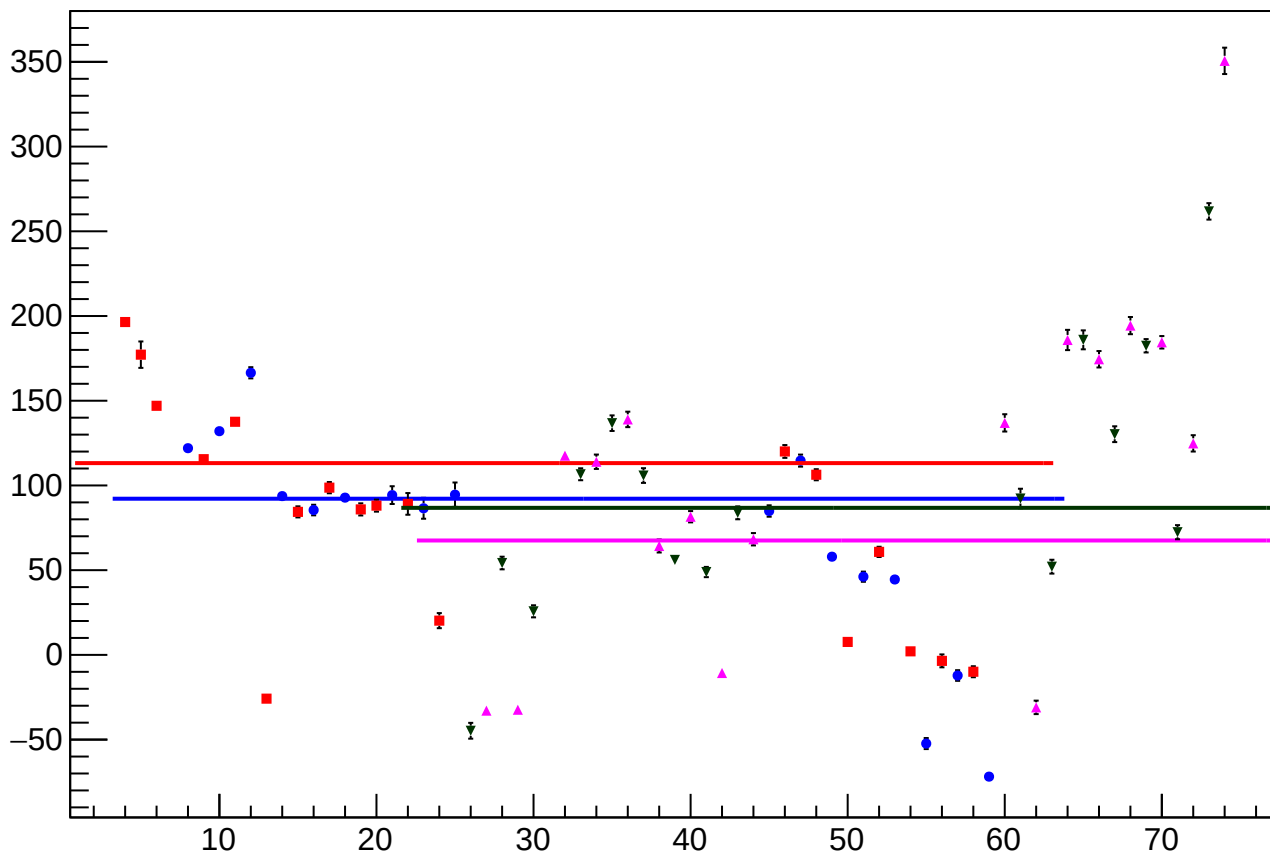
Right Out: -187.187+/-0.114 χ^2/NDF : 58283.9/18

Left In: -211.239+/-0.119 χ^2/NDF : 19442.5/16

-198.980+/-0.082 χ^2/NDF : 153134.5/32

-198.746+/-0.083 χ^2/NDF : 98943.1/35

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

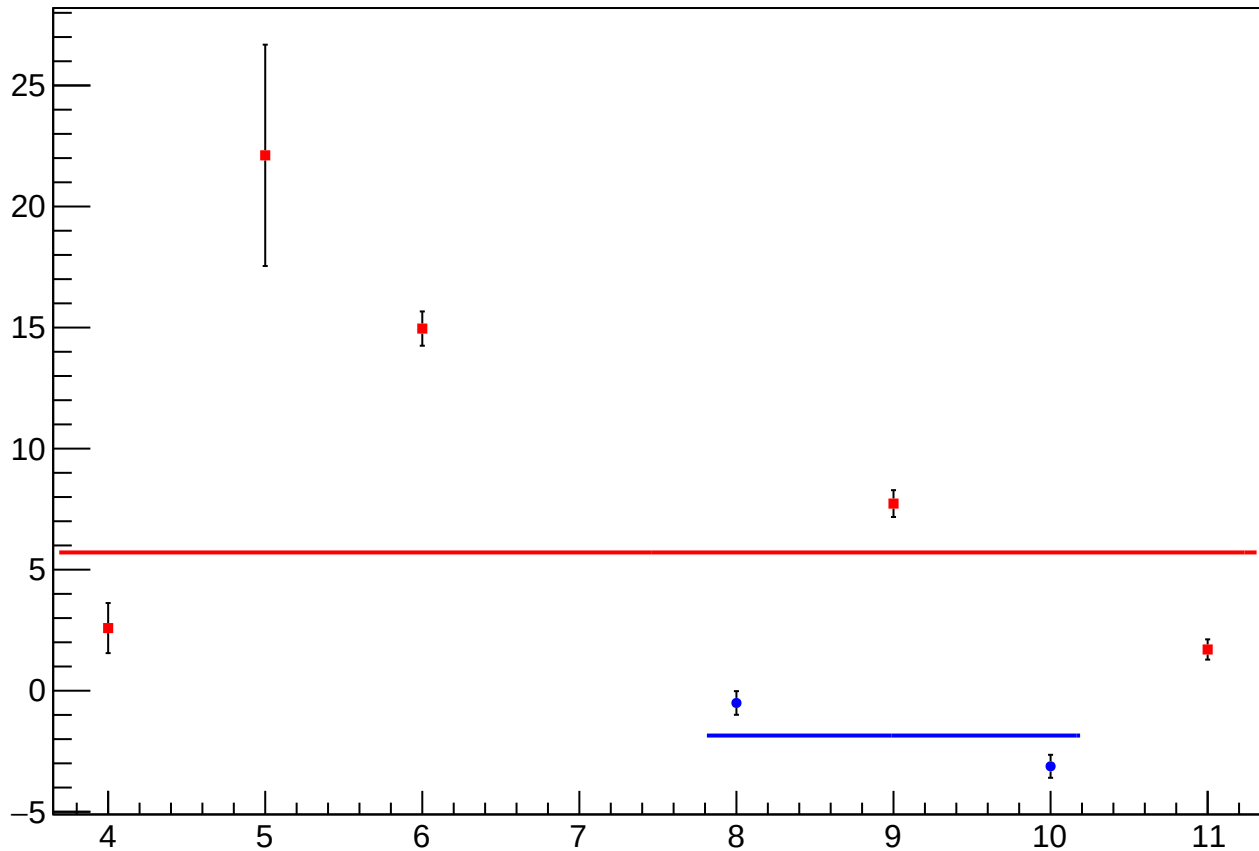
90.921+/-0.482 χ^2/NDF : 15008.3/32

Right Out: 113.184+/-0.506 χ^2/NDF : 14199.7/18

102.479+/-0.443 χ^2/NDF : 25130.8/35

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

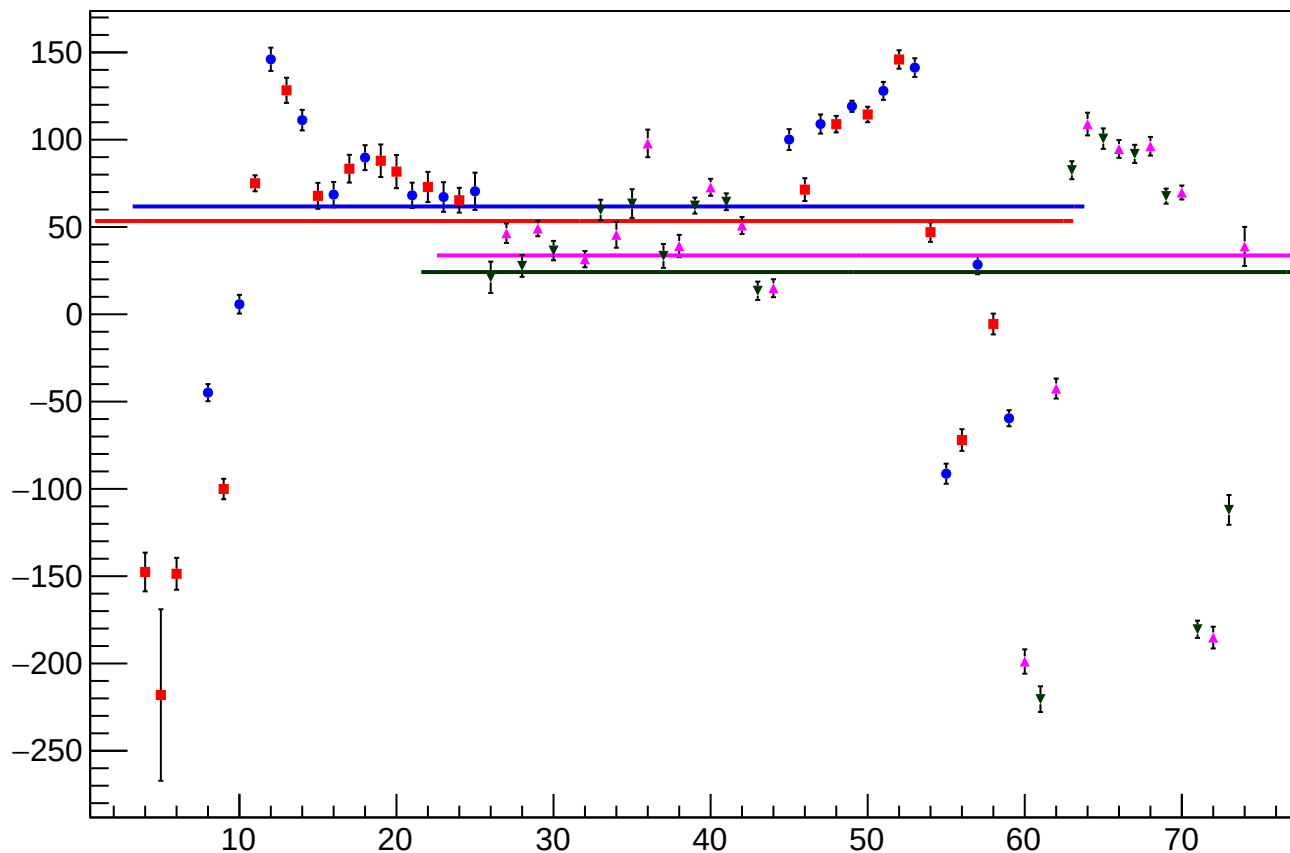
Right Out: 5.712 ± 0.290 χ^2/NDF : 297.3/4

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

-1.852 ± 0.341 χ^2/NDF : 14.7/1

5.712 ± 0.290 χ^2/NDF : 297.3/4

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

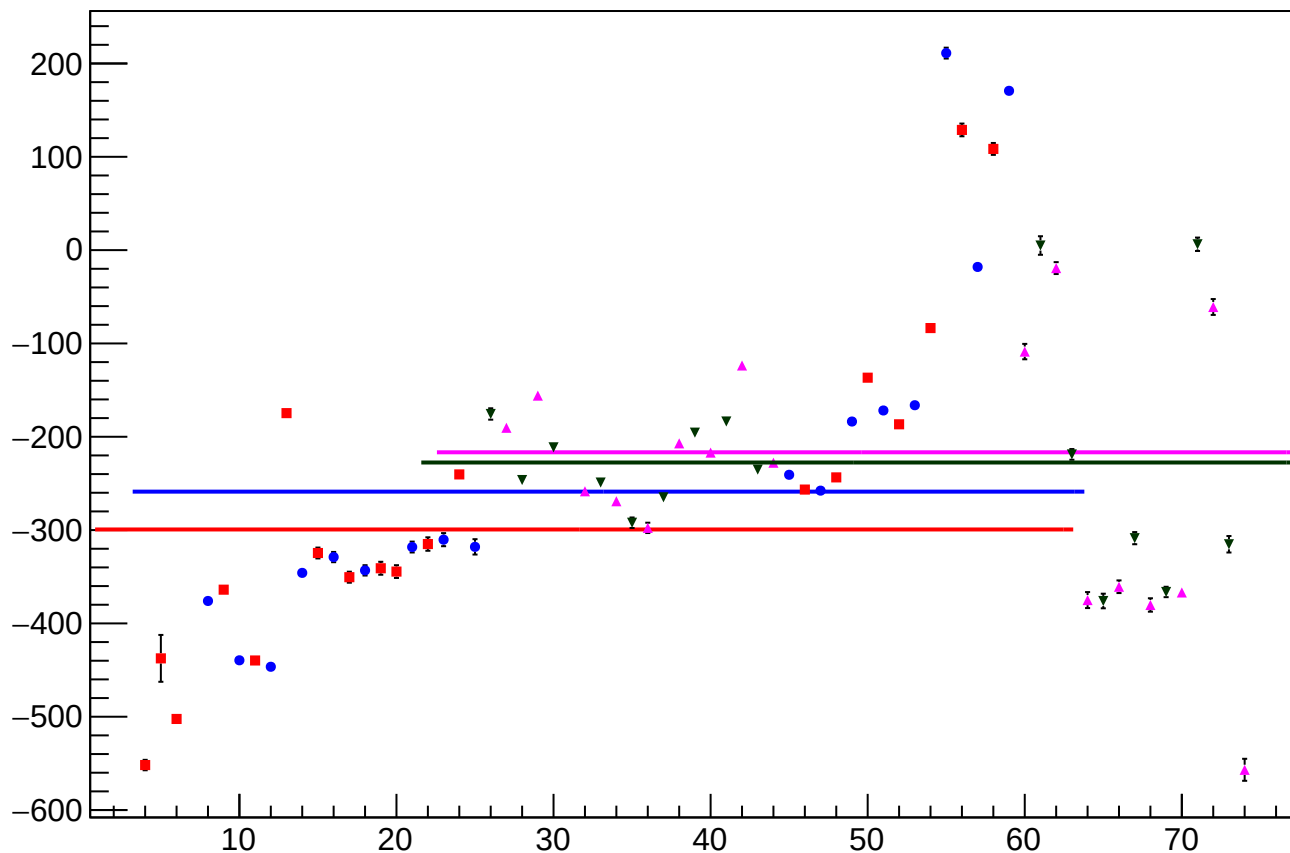
Right Out: 53.412+/-1.495 χ^2/NDF : 2858.6/18

Left In: 33.730+/-1.342 χ^2/NDF : 3194.9/16

44.009+/-0.978 χ^2/NDF : 7310.9/32

42.511+/-0.999 χ^2/NDF : 6149.4/35

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

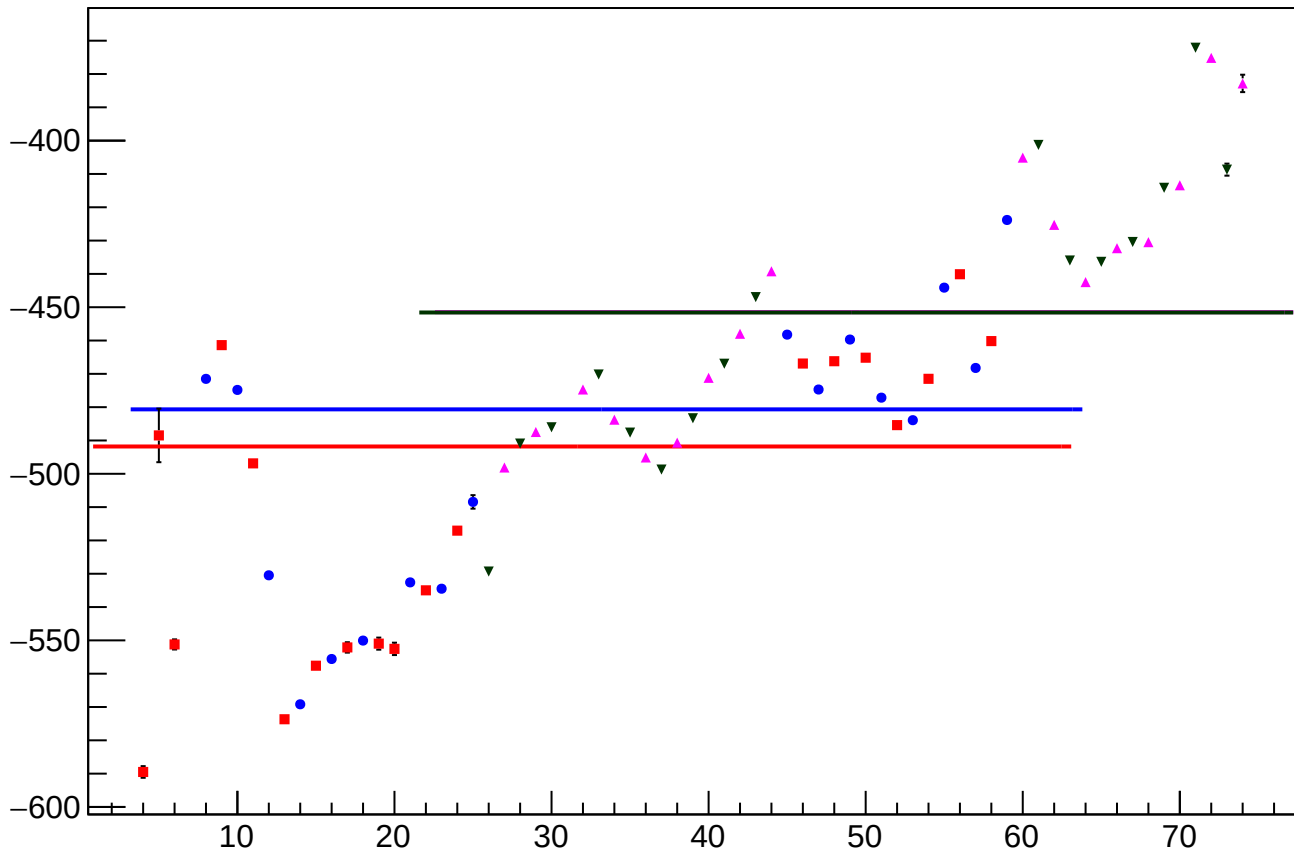
Right Out: -299.341+/-0.982 χ^2/NDF : 25899.0/18

Left In: -216.646+/-1.168 χ^2/NDF : 6020.6/16

-247.014+/-0.784 χ^2/NDF : 31280.8/32

-265.093+/-0.752 χ^2/NDF : 34856.5/35

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

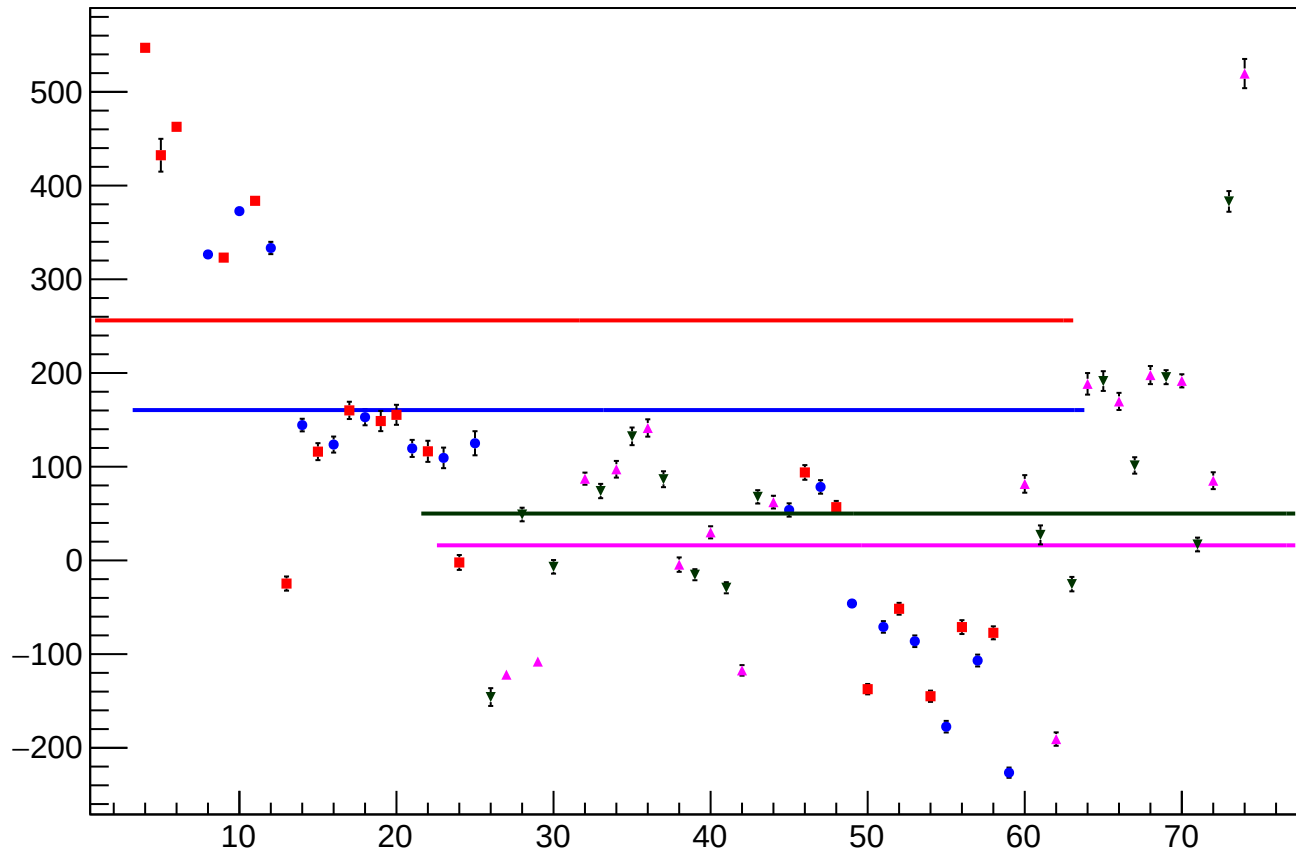
Right Out: -491.802+/-0.264 χ^2/NDF : 22608.7/18

Left In: -451.483+/-0.233 χ^2/NDF : 19270.2/16

-466.353+/-0.172 χ^2/NDF : 54320.9/32

-469.210+/-0.175 χ^2/NDF : 54994.7/35

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

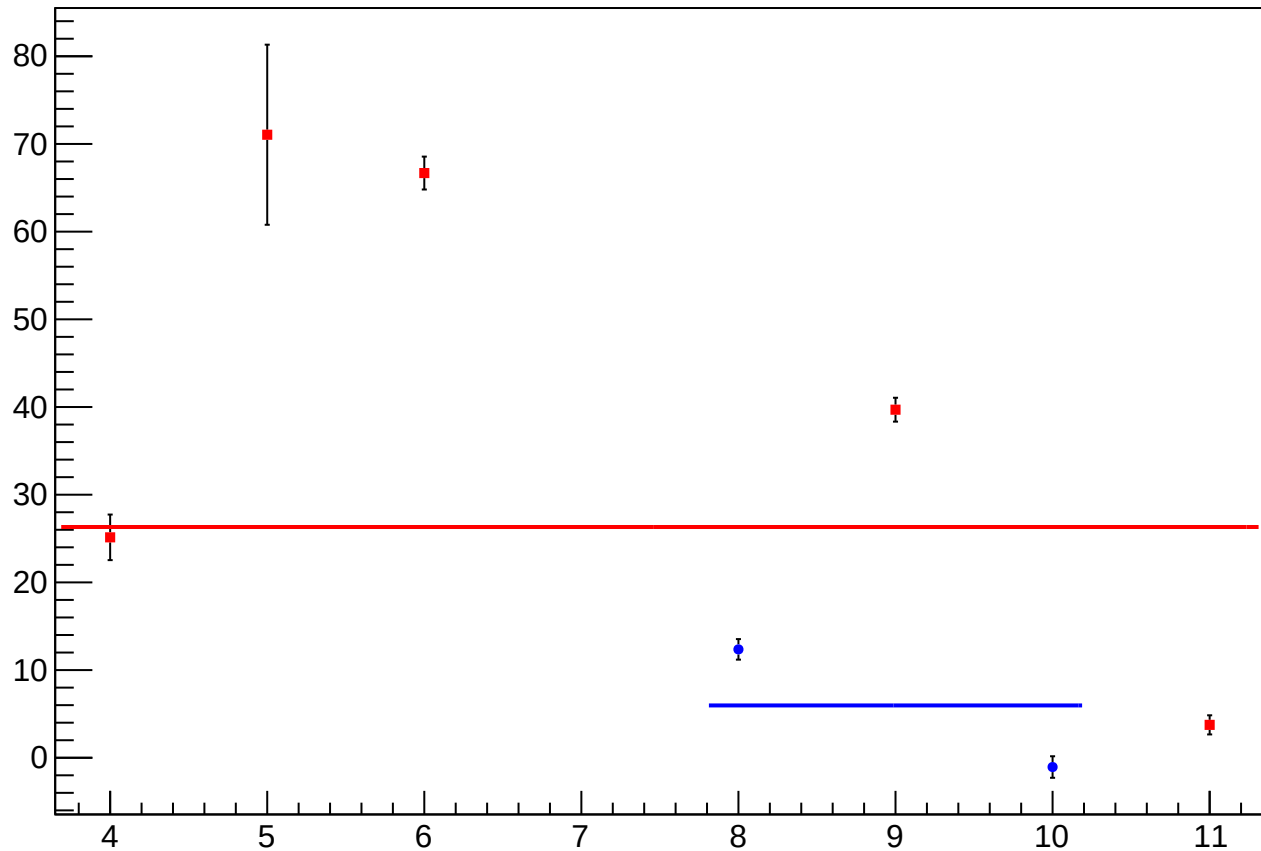
Right Out: 256.116 $\pm$ 1.235 χ^2 /NDF: 34026.6/18

Left In: 16.101 $\pm$ 1.795 χ^2 /NDF:5689.1/16

127.312 $\pm$ 1.072 χ^2 /NDF: 31040.8/32

178.986 $\pm$ 1.018 χ^2 /NDF: 51844.2/35

reg_asym_sam_26_dd_diff_bpm12X_slope vs slug



Right In: 5.968+/-0.848 χ^2/NDF : 62.5/1

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

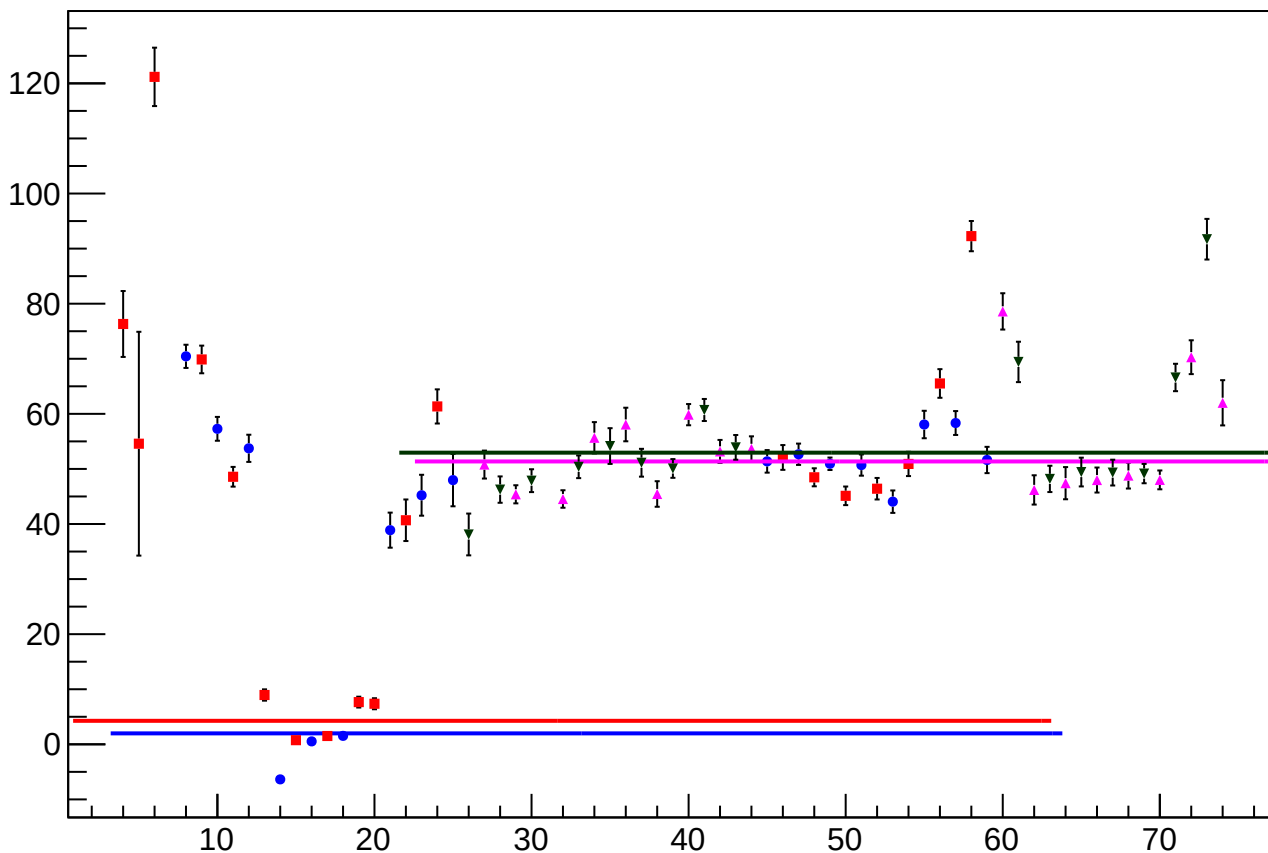
Right Out: 26.317+/-0.741 χ^2/NDF : 1006.6/4

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

5.968+/-0.848 χ^2/NDF : 62.5/1

26.317+/-0.741 χ^2/NDF : 1006.6/4

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

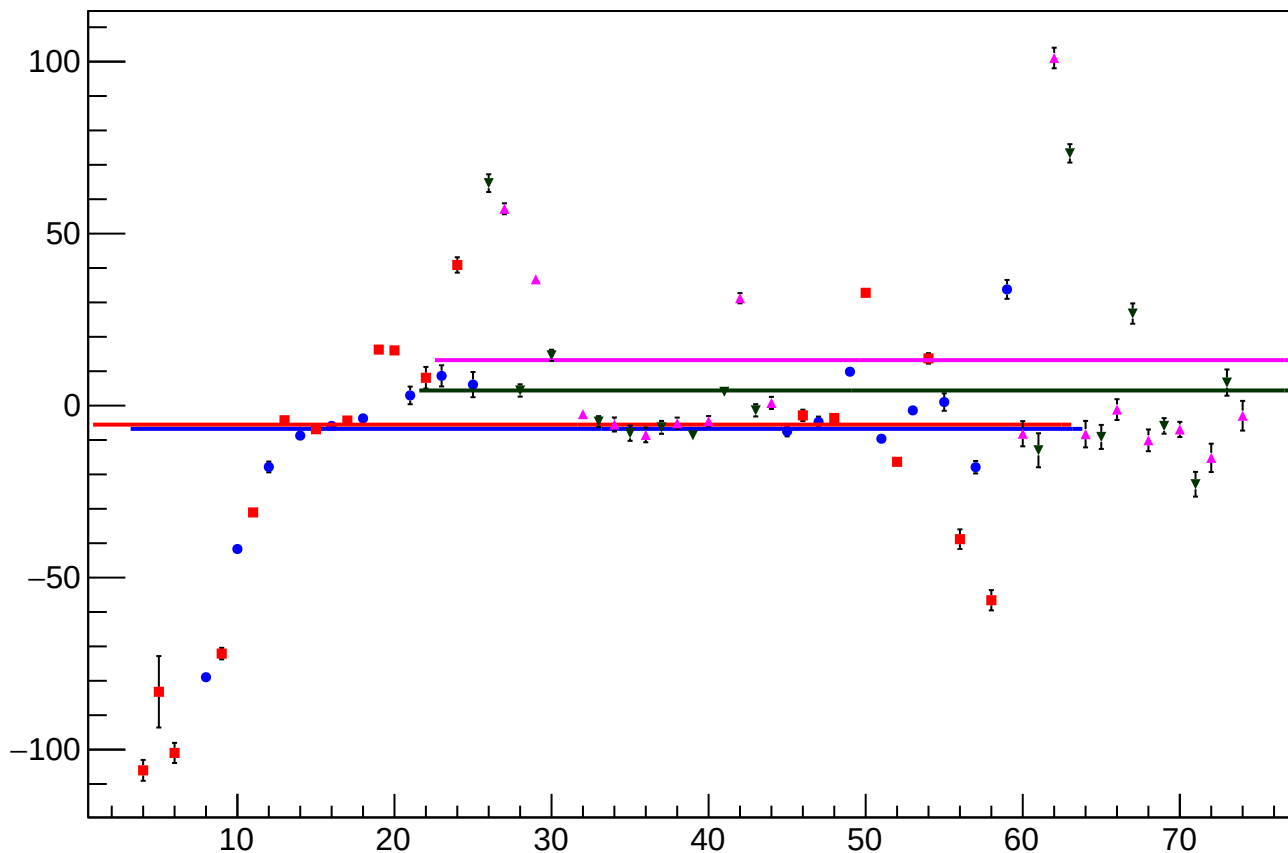
Right Out: 4.268+/-0.146 χ^2/NDF : 7094.5/18

Left In: 51.357+/-0.553 χ^2/NDF : 192.3/16

4.602+/-0.133 χ^2/NDF : 16786.8/32

7.348+/-0.142 χ^2/NDF : 14053.3/35

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.763 ± 0.103 χ^2/NDF : 5108.0/16

Left Out: 4.402 ± 0.510 χ^2/NDF : 1624.2/15

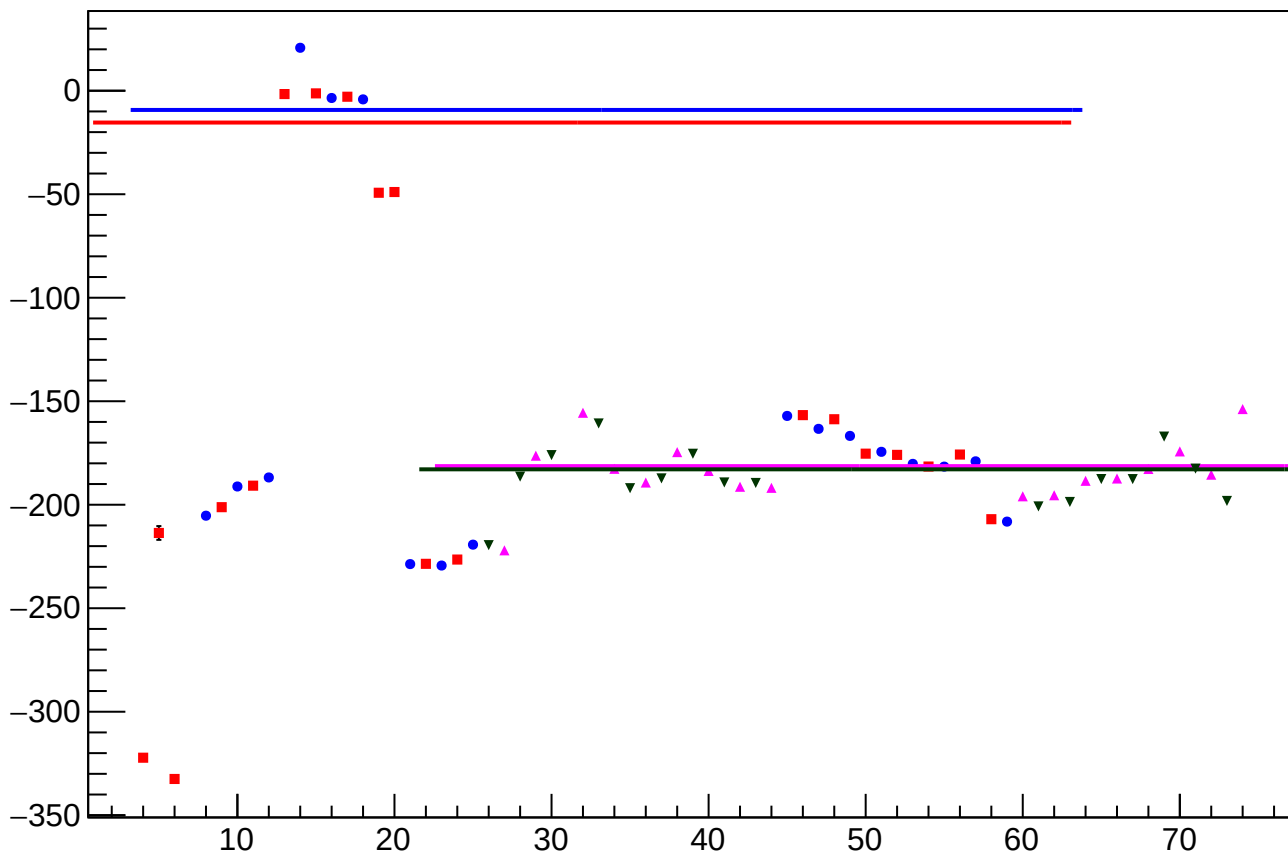
Right Out: -5.529 ± 0.111 χ^2/NDF : 9044.4/18

Left In: 13.220 ± 0.472 χ^2/NDF : 3079.6/16

-6.329 ± 0.100 χ^2/NDF : 7193.4/32

-4.553 ± 0.108 χ^2/NDF : 13619.0/35

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

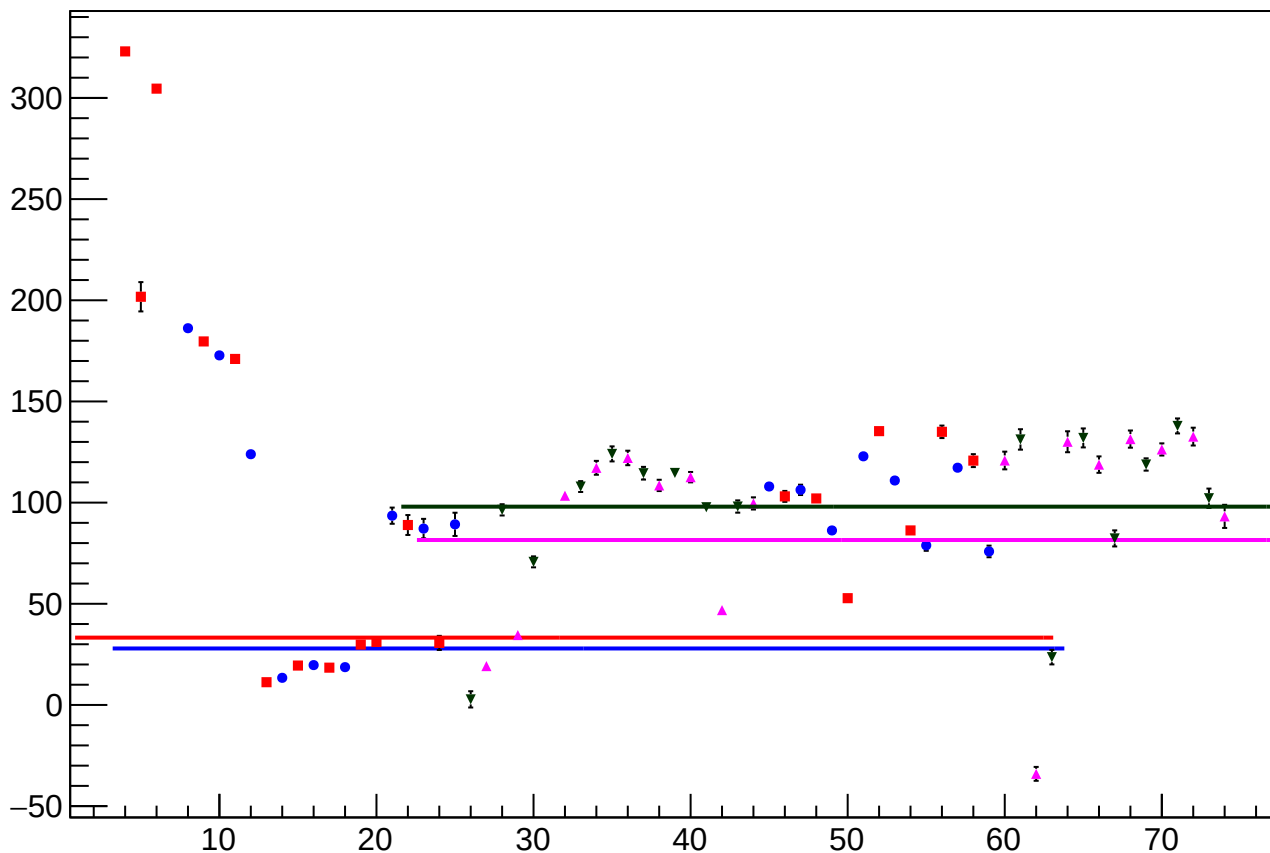
Right Out: -15.370 ± 0.028 χ^2/NDF : 2629001.3/18

Left In: -181.347 ± 0.096 χ^2/NDF : 24778.8/16

-20.482 ± 0.026 χ^2/NDF : 6178927.9/32

-28.525 ± 0.027 χ^2/NDF : 5417825.6/35

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 27.914 $\pm$ 0.158 χ^2 /NDF: 52165.3/16

Left Out: 98.004 $\pm$ 0.798 χ^2 /NDF:1515.1/15

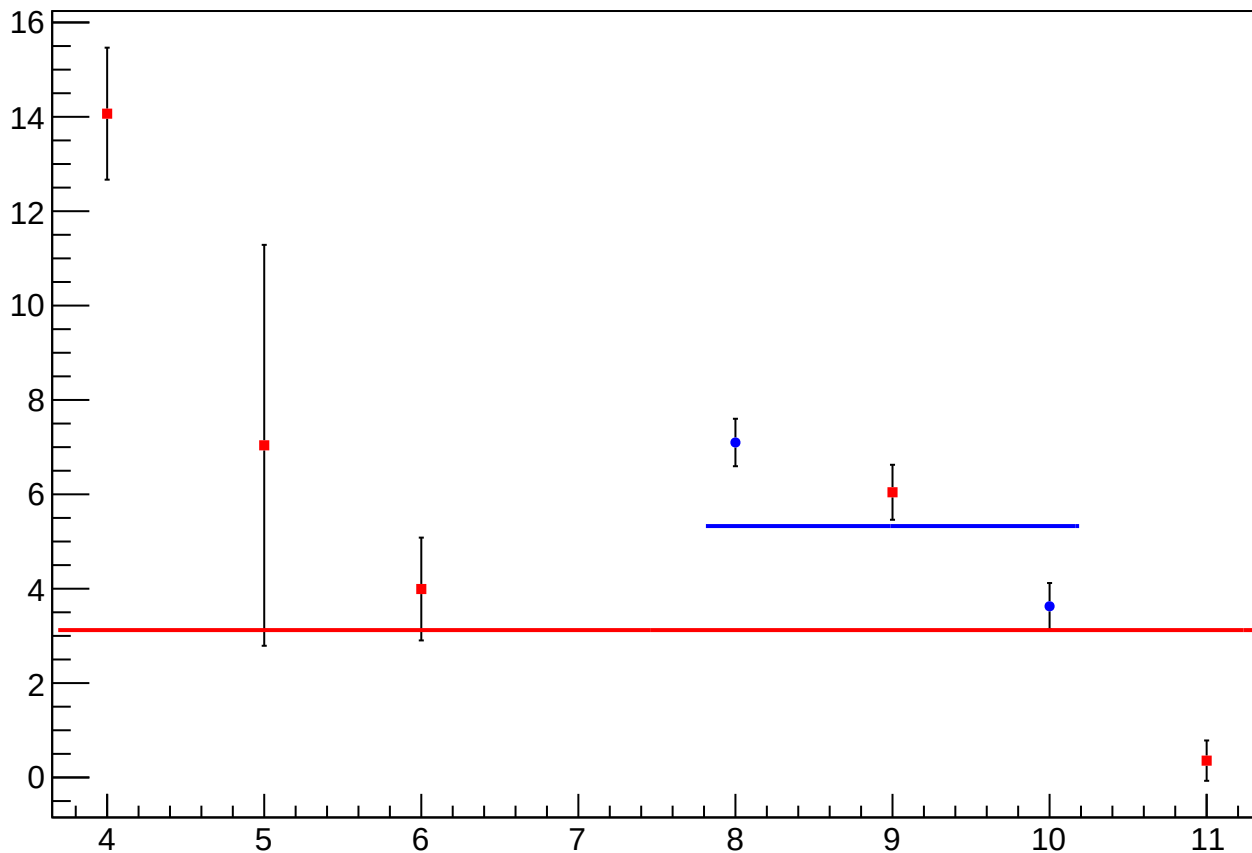
Right Out: 33.277 $\pm$ 0.170 χ^2 /NDF: 82573.7/18

Left In: 81.522 $\pm$ 0.741 χ^2 /NDF:3883.8/16

30.566 $\pm$ 0.155 χ^2 /NDF: 61100.5/32

35.692 $\pm$ 0.166 χ^2 /NDF: 90488.2/35

reg_asym_sam_48_avg_diff_bpm12X_slope vs slug



Right In: 5.328+/-0.352 χ^2/NDF : 24.3/1

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

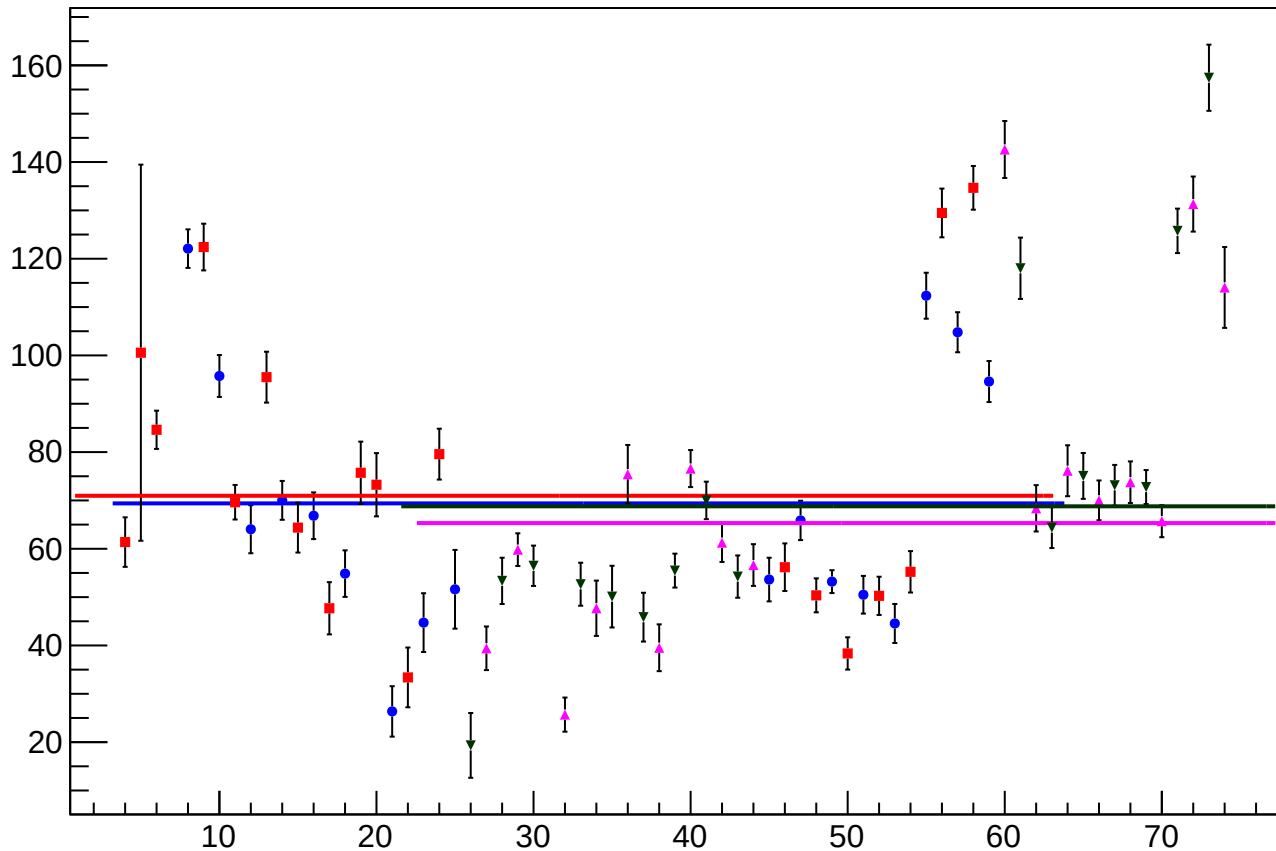
Right Out: 3.123+/-0.319 χ^2/NDF : 129.8/4

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

5.328+/-0.352 χ^2/NDF : 24.3/1

3.123+/-0.319 χ^2/NDF : 129.8/4

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

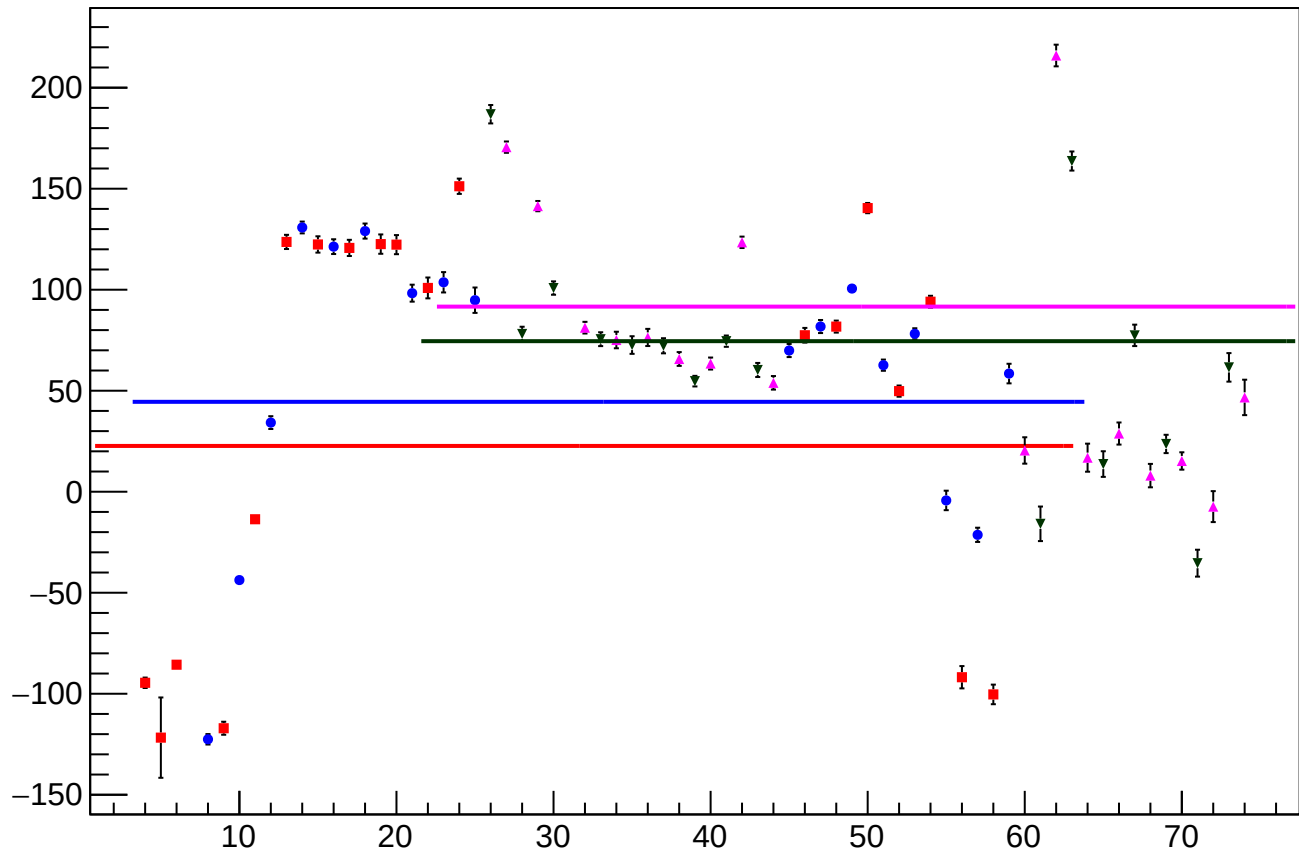
Right Out: 70.964+/-1.078 χ^2/NDF : 724.6/18

Left In: 65.320+/-1.079 χ^2/NDF : 566.0/16

69.120+/-0.761 χ^2/NDF : 1150.9/32

68.144+/-0.763 χ^2/NDF : 1304.3/35

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 44.504+/-0.752 χ^2/NDF : 10034.7/16

Left Out: 74.529+/-1.004 χ^2/NDF :1708.1/15

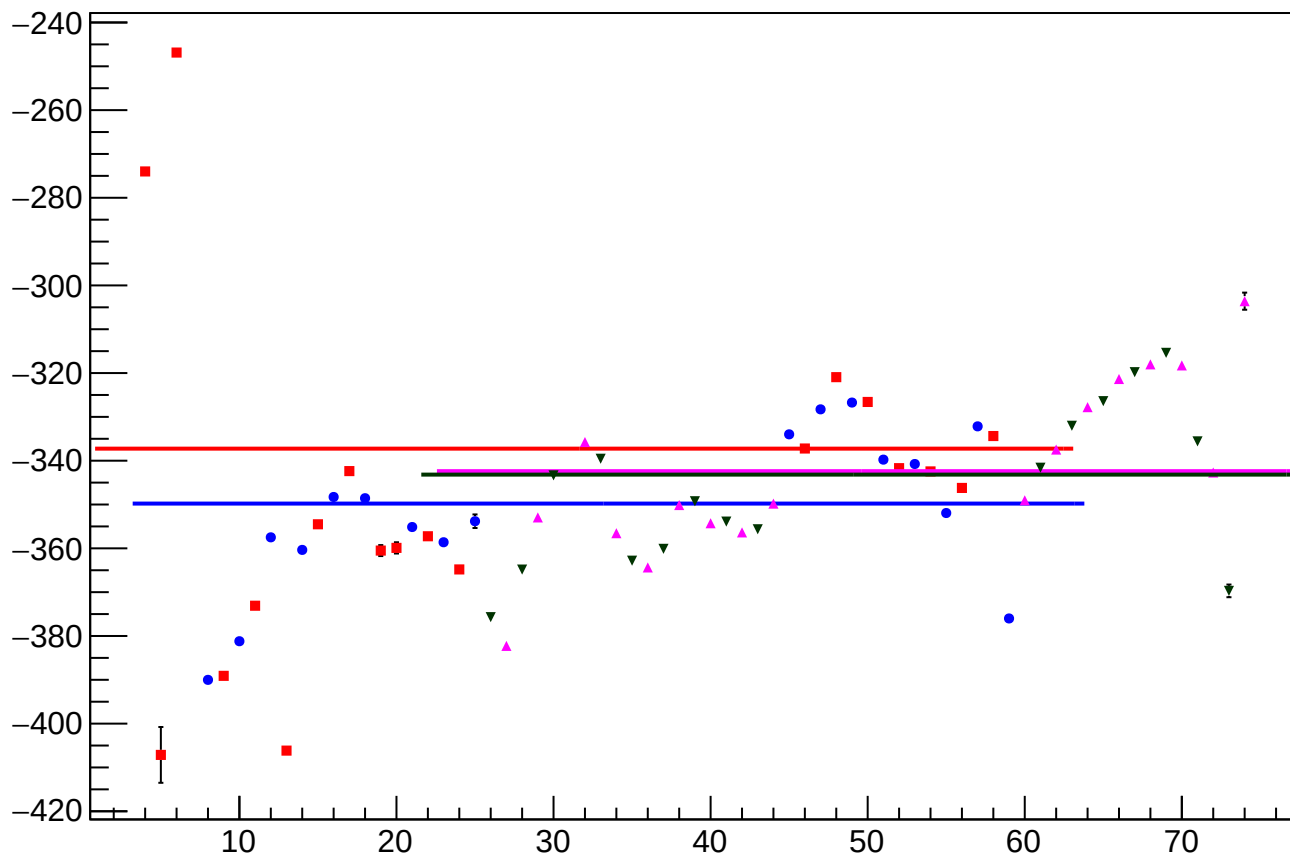
Right Out: 22.668+/-0.699 χ^2/NDF : 15989.5/18

Left In: 91.633+/-0.930 χ^2/NDF :3241.3/16

55.293+/-0.602 χ^2/NDF : 12315.8/32

47.564+/-0.559 χ^2/NDF : 22746.7/35

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -349.785+/-0.184 χ^2/NDF : 12162.0/16

Left Out: -343.174+/-0.196 χ^2/NDF : 6883.2/15

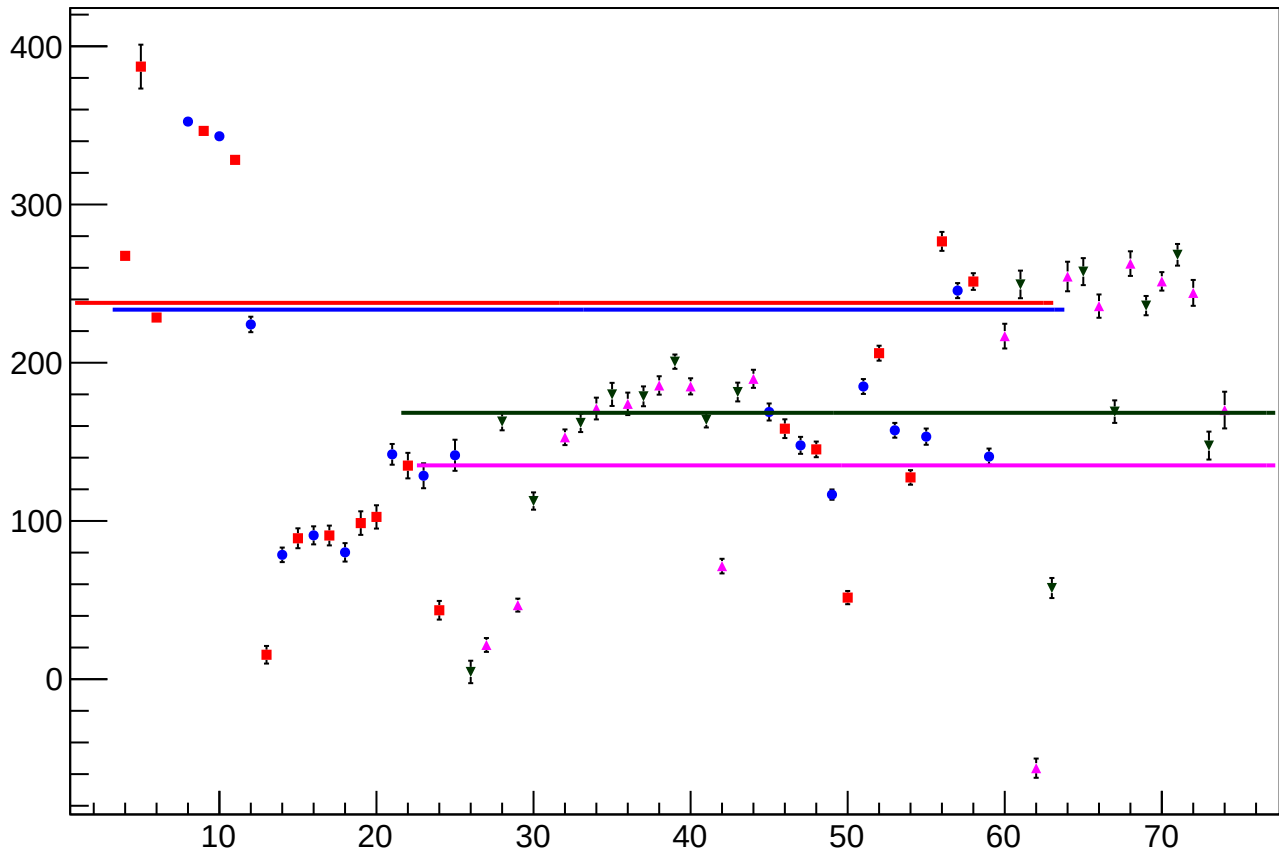
Right Out: -337.248+/-0.189 χ^2/NDF : 40841.8/18

Left In: -342.387+/-0.187 χ^2/NDF : 8691.6/16

-346.683+/-0.134 χ^2/NDF : 19650.5/32

-339.849+/-0.133 χ^2/NDF : 49906.0/35

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

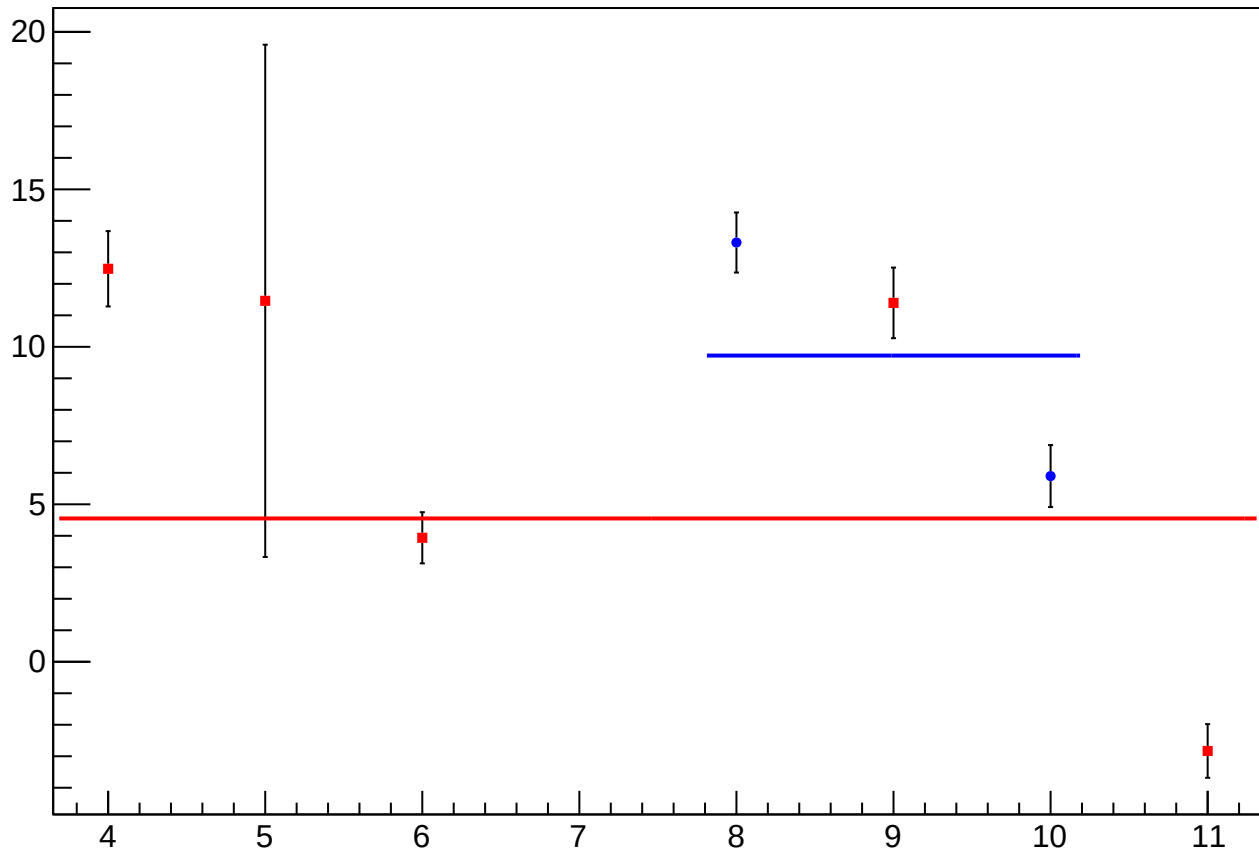
Right Out: 237.840 $\pm$ 0.783 χ^2 /NDF: 12095.3/18

Left In: 135.124 $\pm$ 1.443 χ^2 /NDF:3959.2/16

214.578 $\pm$ 0.839 χ^2 /NDF: 14005.6/32

214.499 $\pm$ 0.688 χ^2 /NDF: 19969.8/35

reg_asym_sam_48_dd_diff_bpm12X_slope vs slug



Right In: 9.722+/-0.685 χ^2/NDF : 29.3/1

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

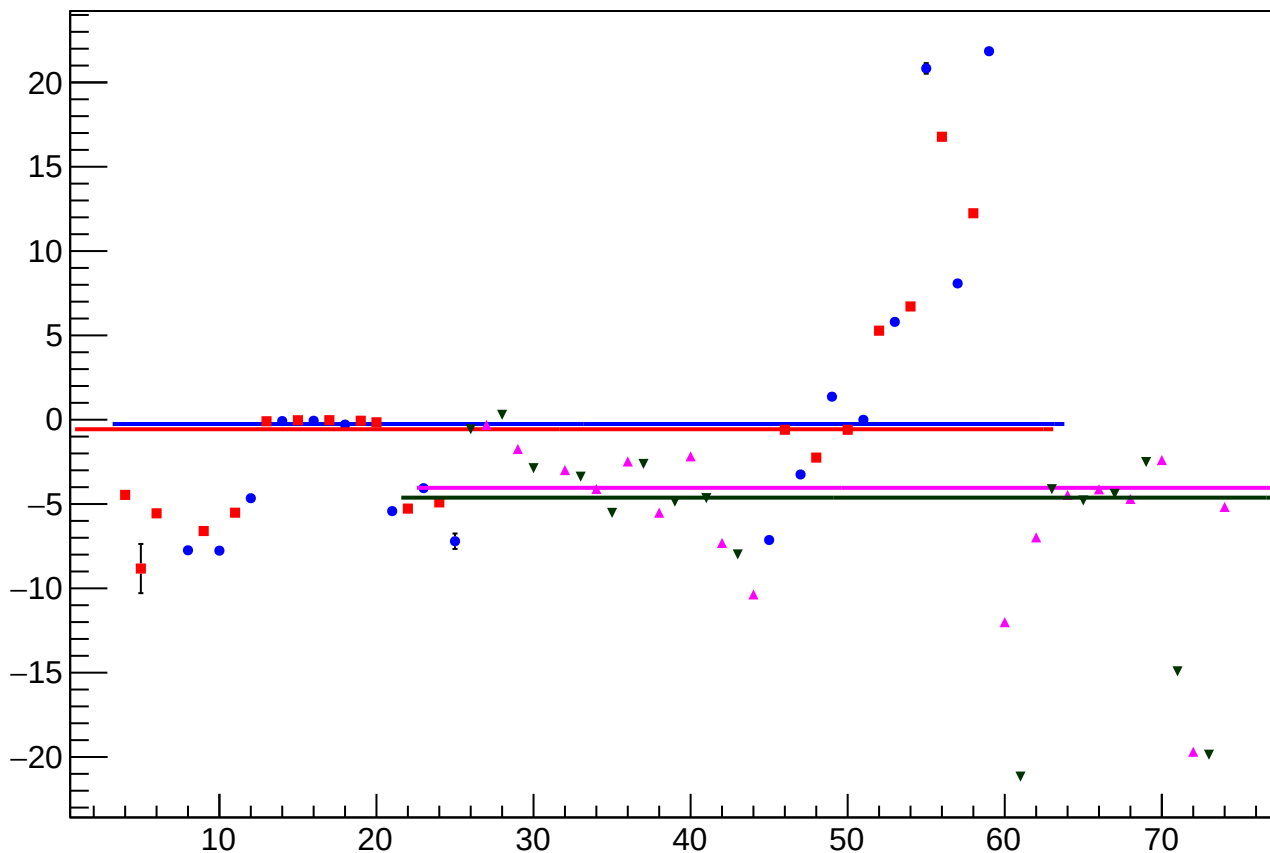
Right Out: 4.550+/-0.477 χ^2/NDF : 157.6/4

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

9.722+/-0.685 χ^2/NDF : 29.3/1

4.550+/-0.477 χ^2/NDF : 157.6/4

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

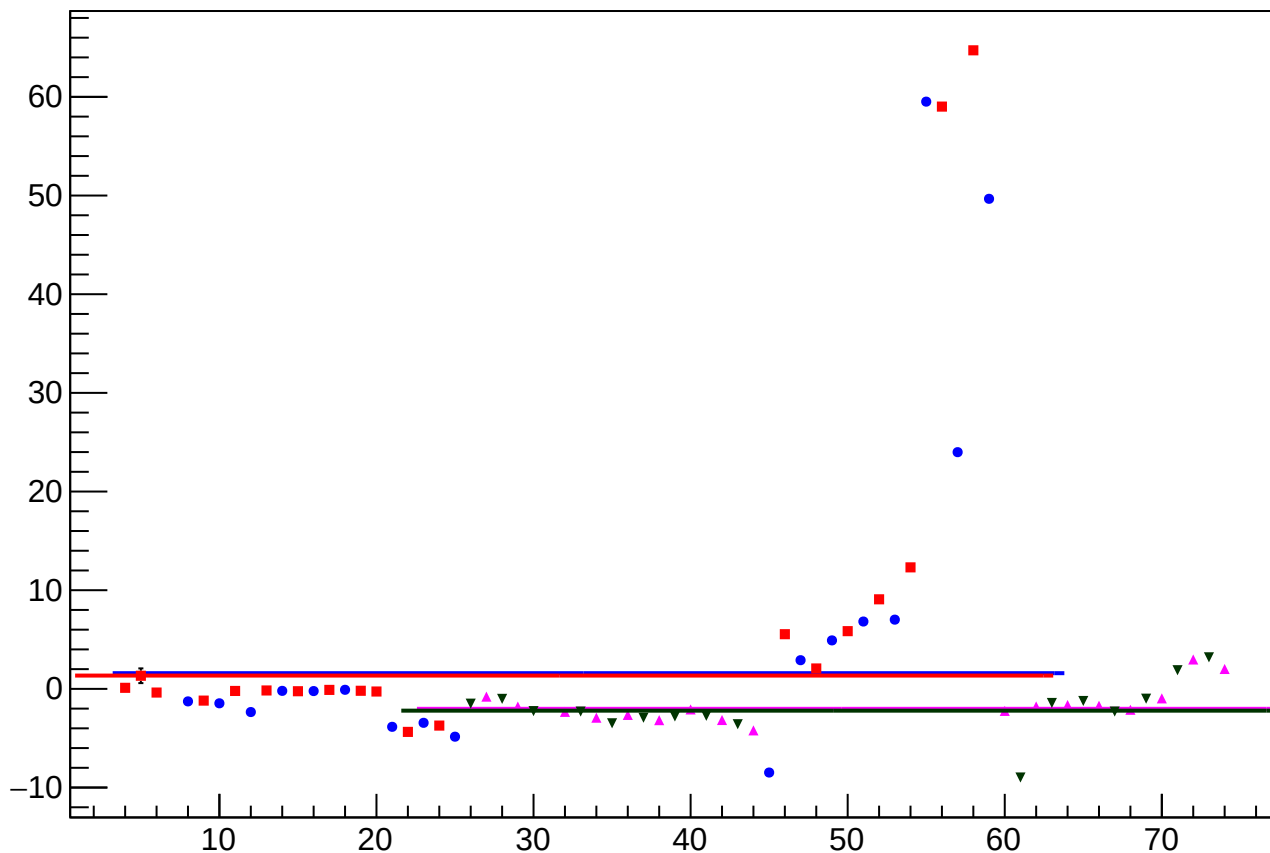
Right Out: -0.565+/-0.033 χ^2/NDF : 13746.5/18

Left In: -4.039+/-0.036 χ^2/NDF :8496.7/16

-2.046+/-0.026 χ^2/NDF : 44771.9/32

-2.134+/-0.024 χ^2/NDF : 27234.0/35

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

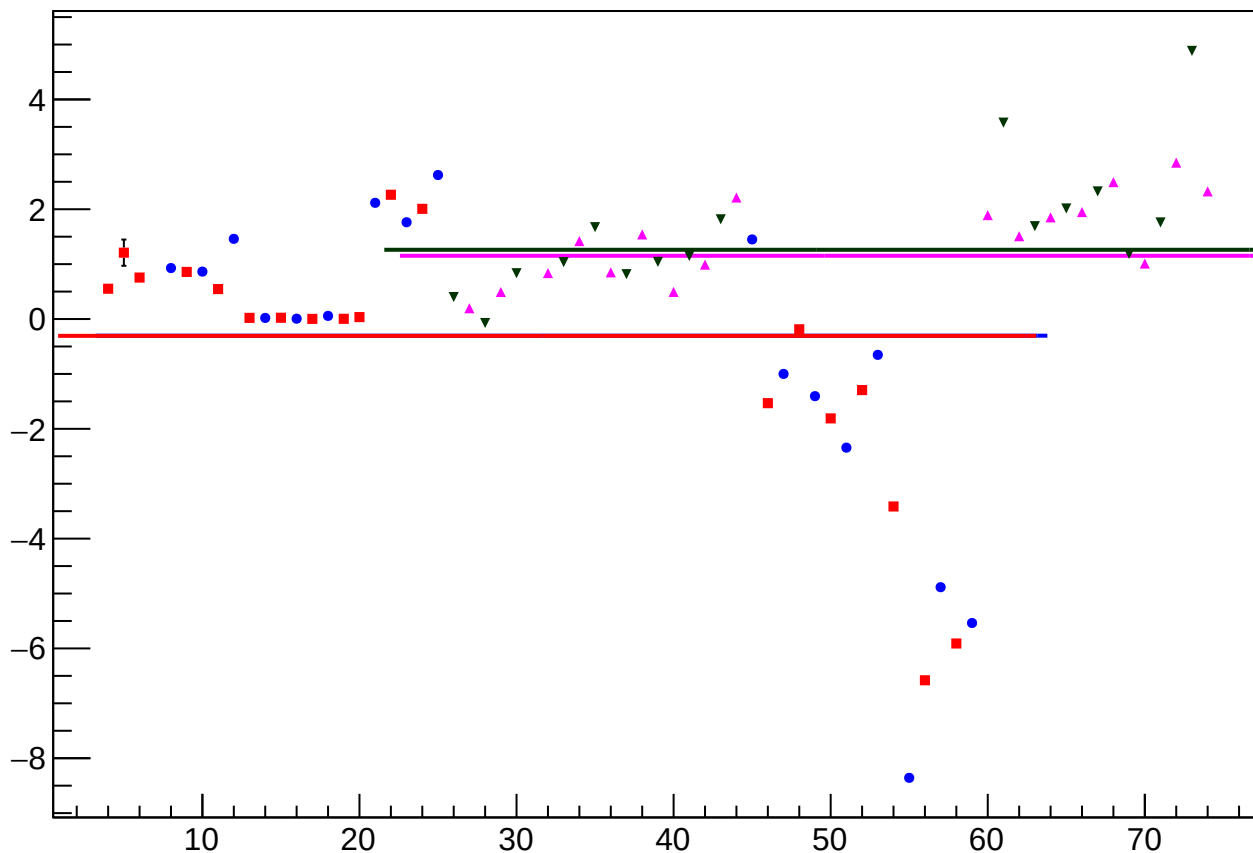
Right Out: 1.348+/-0.022 χ^2/NDF : 111309.7/18

Left In: -2.021+/-0.030 χ^2/NDF : 1132.7/16

0.259+/-0.020 χ^2/NDF : 108899.0/32

0.179+/-0.018 χ^2/NDF : 120725.7/35

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.303 ± 0.006 χ^2/NDF : 76791.9/16

Left Out: 1.262 ± 0.007 χ^2/NDF : 15057.9/15

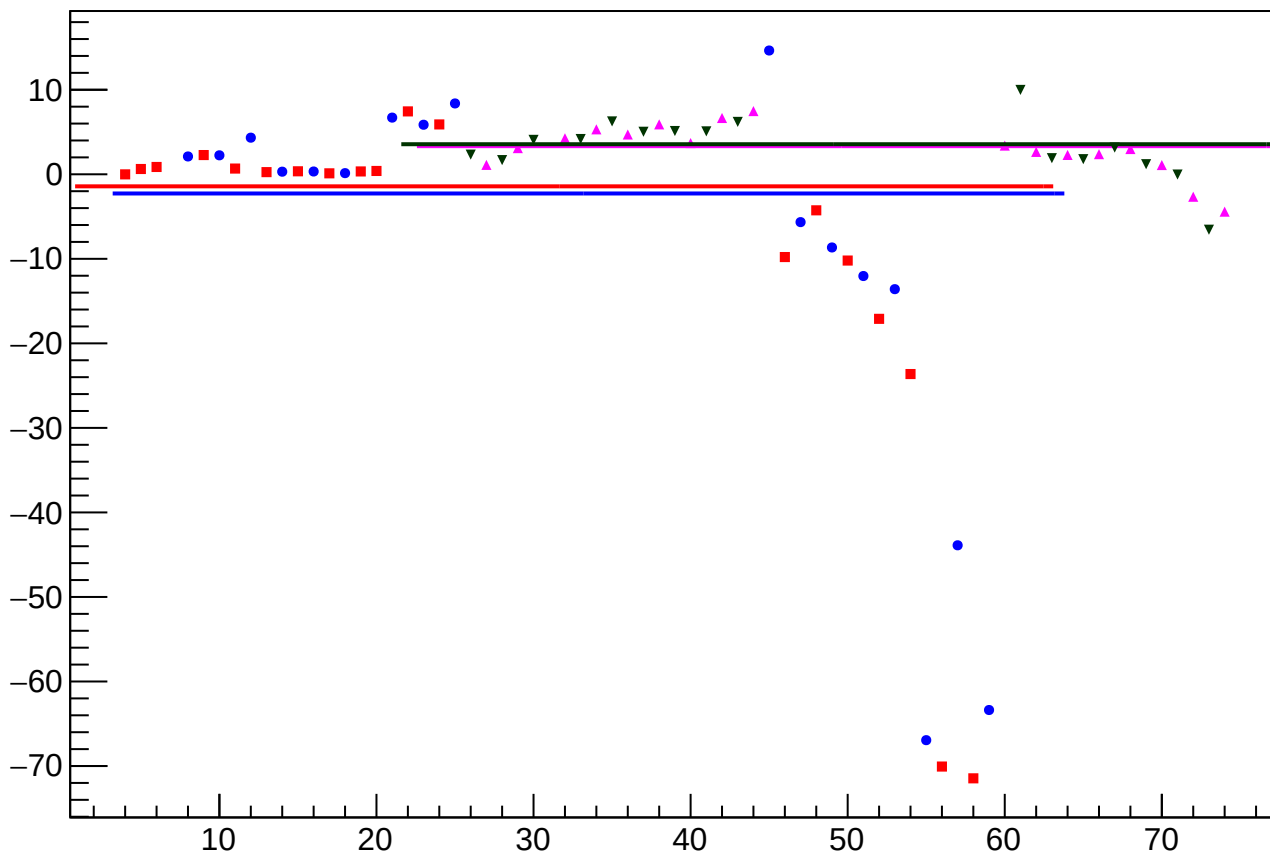
Right Out: -0.306 ± 0.006 χ^2/NDF : 61355.2/18

Left In: 1.153 ± 0.006 χ^2/NDF : 11678.7/16

0.414 ± 0.005 χ^2/NDF : 119946.9/32

0.404 ± 0.004 χ^2/NDF : 101645.7/35

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -2.270 ± 0.034 χ^2/NDF : 134083.0/16

Left Out: 3.557 ± 0.054 χ^2/NDF : 2093.3/15

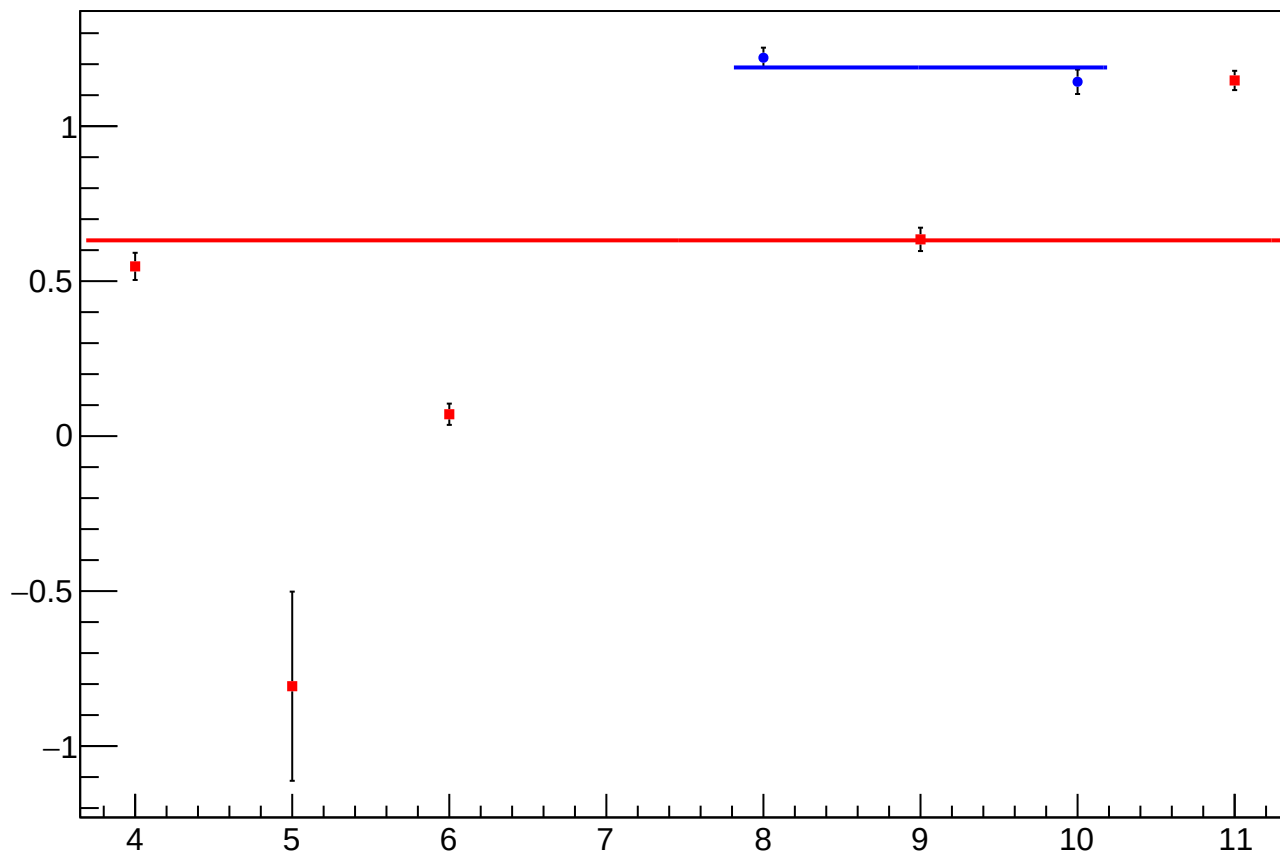
Right Out: -1.425 ± 0.027 χ^2/NDF : 127351.5/18

Left In: 3.327 ± 0.047 χ^2/NDF : 1897.1/16

-0.584 ± 0.029 χ^2/NDF : 144441.8/32

-0.262 ± 0.023 χ^2/NDF : 136855.1/35

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

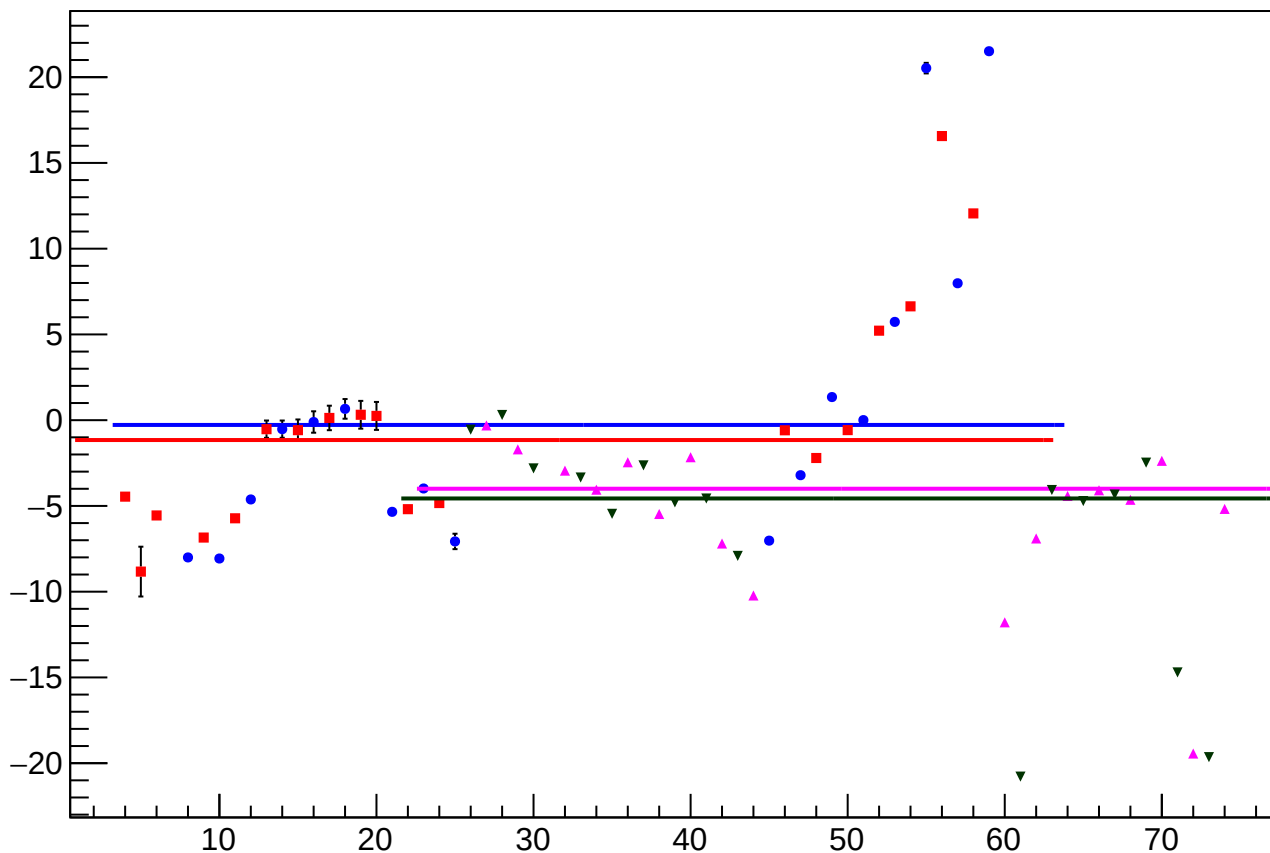
Right Out: 0.632 $\pm$ 0.018 χ^2 /NDF: 569.1/4

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

1.189 $\pm$ 0.025 χ^2 /NDF: 2.3/1

0.632 $\pm$ 0.018 χ^2 /NDF: 569.1/4

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 $\chi^2/\text{NDF}: 12578.3/15$

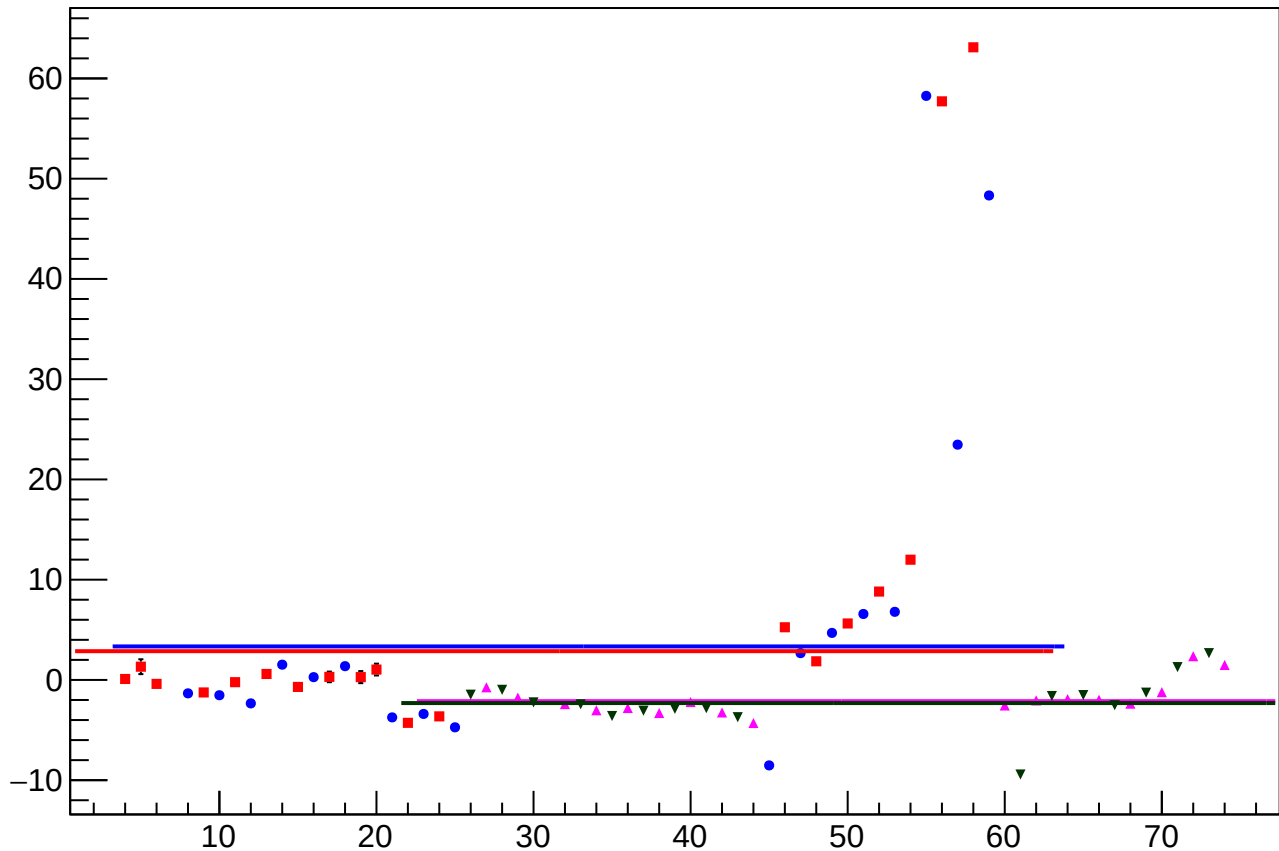
Right Out: -1.158 ± 0.051 $\chi^2/\text{NDF}: 13531.4/18$

Left In: -3.997 ± 0.036 $\chi^2/\text{NDF}: 8504.6/16$

-2.809 ± 0.031 $\chi^2/\text{NDF}: 42733.7/32$

-3.049 ± 0.029 $\chi^2/\text{NDF}: 24119.2/35$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 3.343 $\pm$ 0.036 χ^2 /NDF: 92705.0/16

Left Out: -2.307 $\pm$ 0.034 χ^2 /NDF:1505.6/15

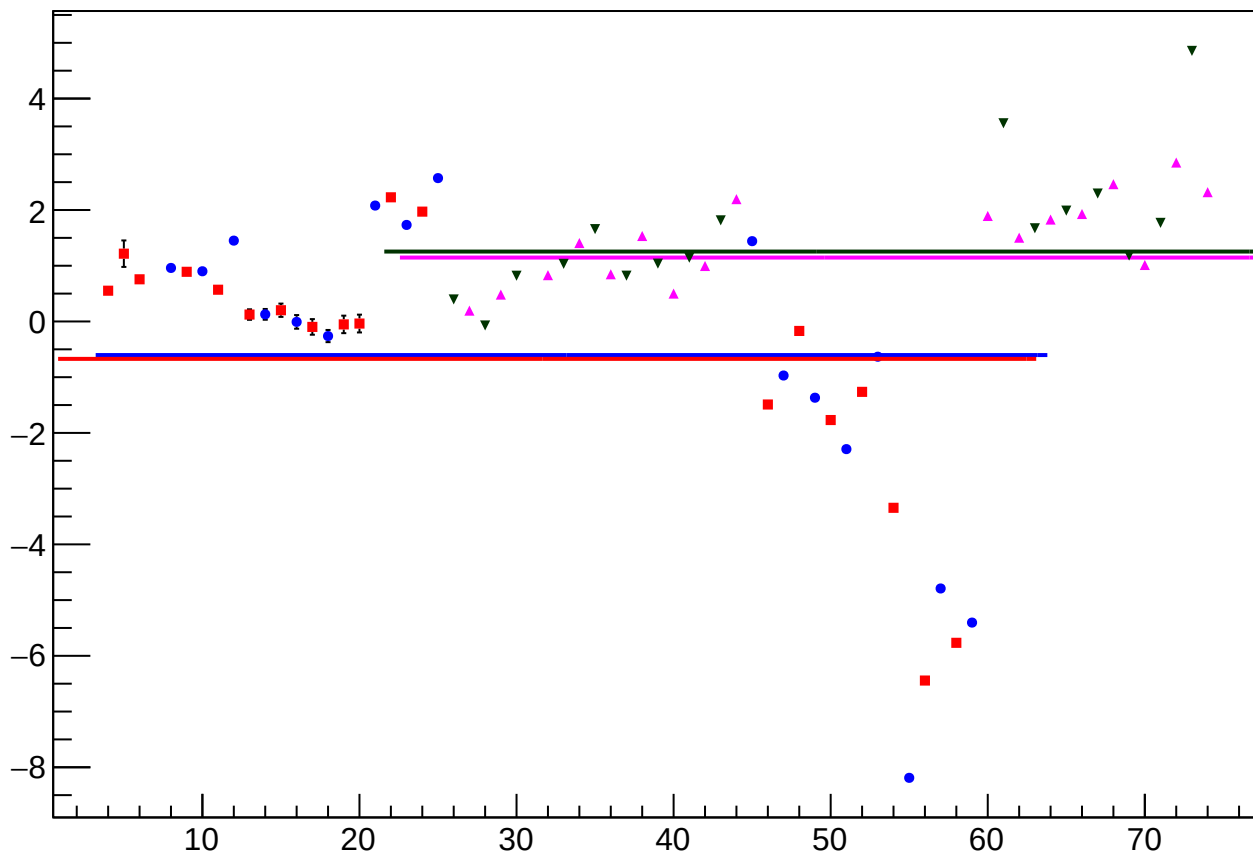
Right Out: 2.868 $\pm$ 0.031 χ^2 /NDF: 104348.8/18

Left In: -2.115 $\pm$ 0.030 χ^2 /NDF:1172.0/16

0.379 $\pm$ 0.025 χ^2 /NDF: 107438.3/32

0.272 $\pm$ 0.021 χ^2 /NDF: 119165.3/35

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

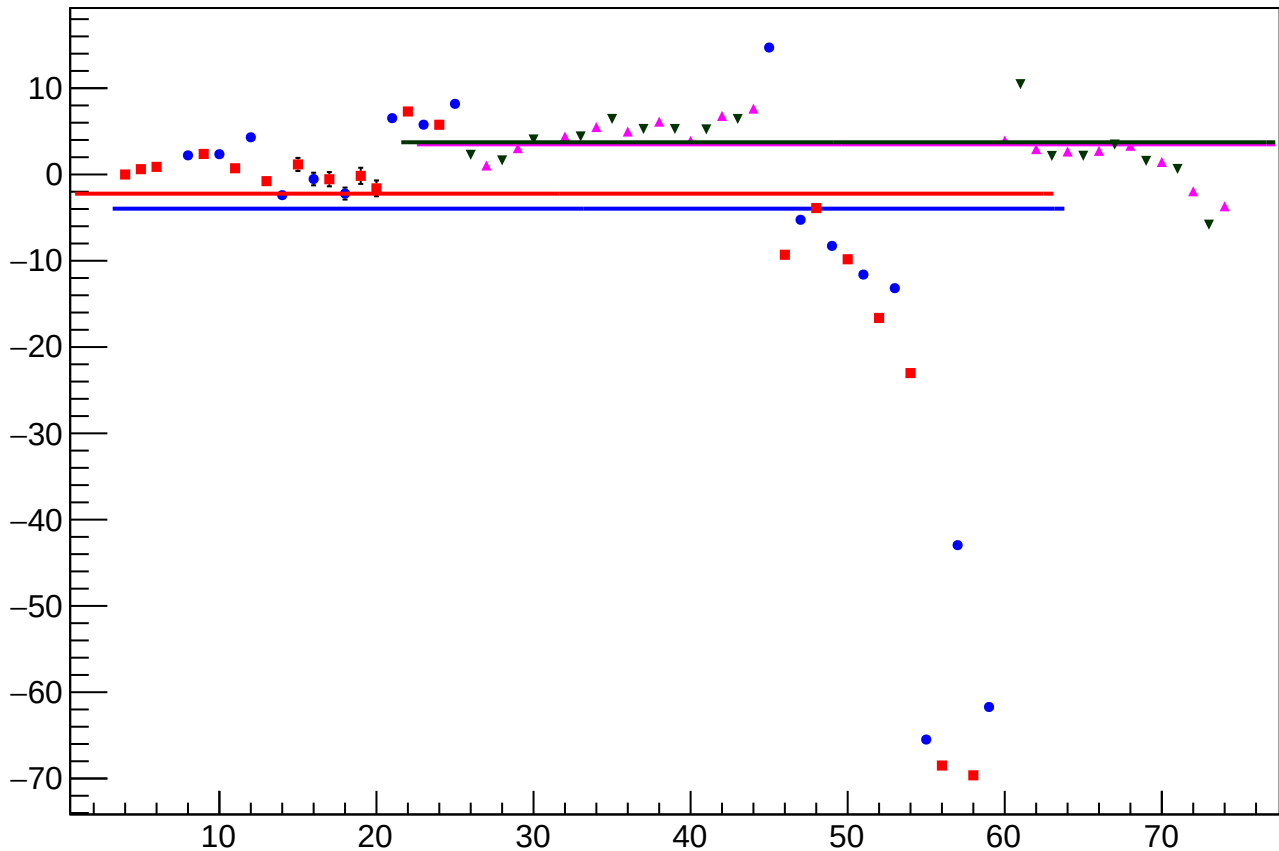
Right Out: -0.671 ± 0.009 χ^2/NDF : 57165.3/18

Left In: 1.147 ± 0.006 χ^2/NDF : 11811.5/16

0.546 ± 0.005 χ^2/NDF : 117202.3/32

0.550 ± 0.005 χ^2/NDF : 98222.4/35

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 $\chi^2/\text{NDF}: 2114.1/15$

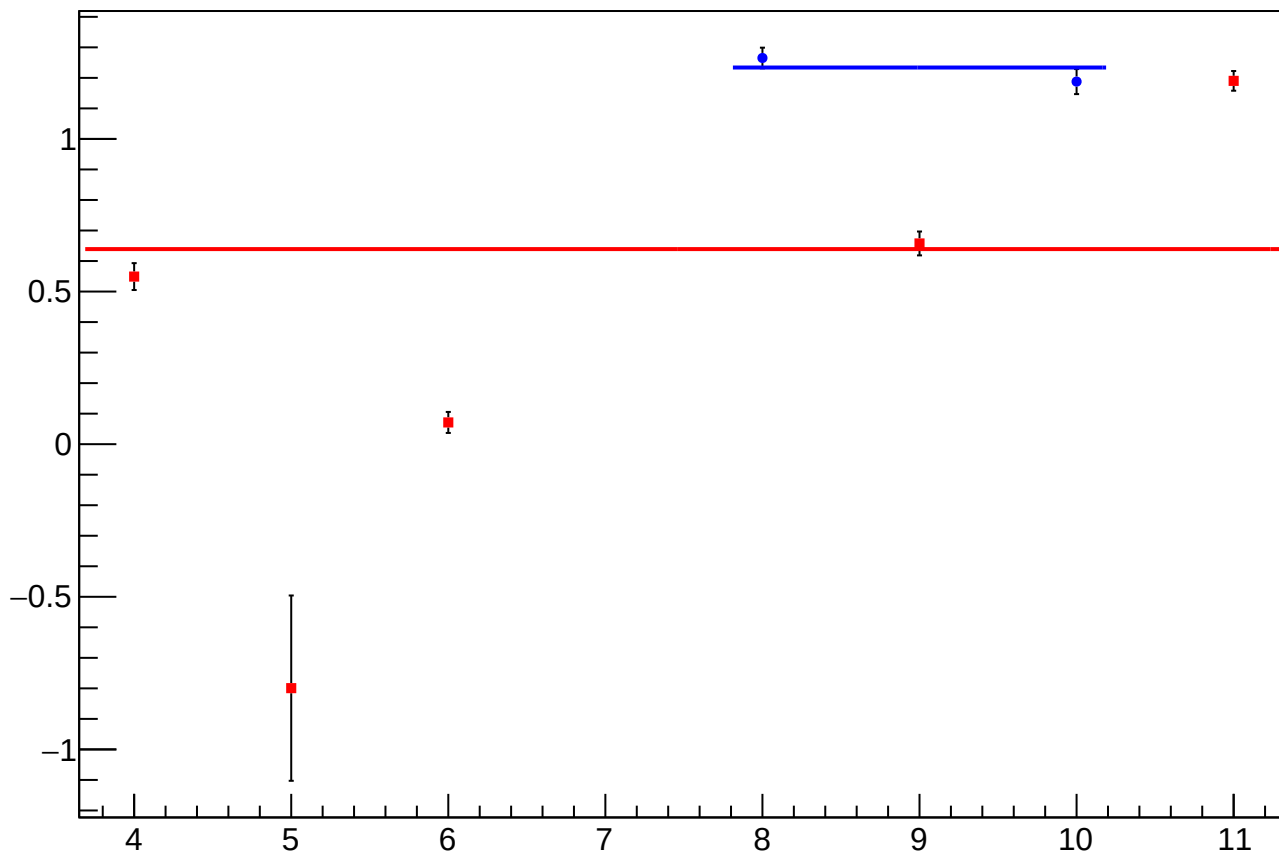
Right Out: -2.224 ± 0.033 $\chi^2/\text{NDF}: 123039.5/18$

Left In: 3.490 ± 0.047 $\chi^2/\text{NDF}: 1933.7/16$

-0.817 ± 0.034 $\chi^2/\text{NDF}: 142399.9/32$

-0.351 ± 0.027 $\chi^2/\text{NDF}: 135025.8/35$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs slug



Right In: 1.234 ± 0.026 $\chi^2/\text{NDF}: 2.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

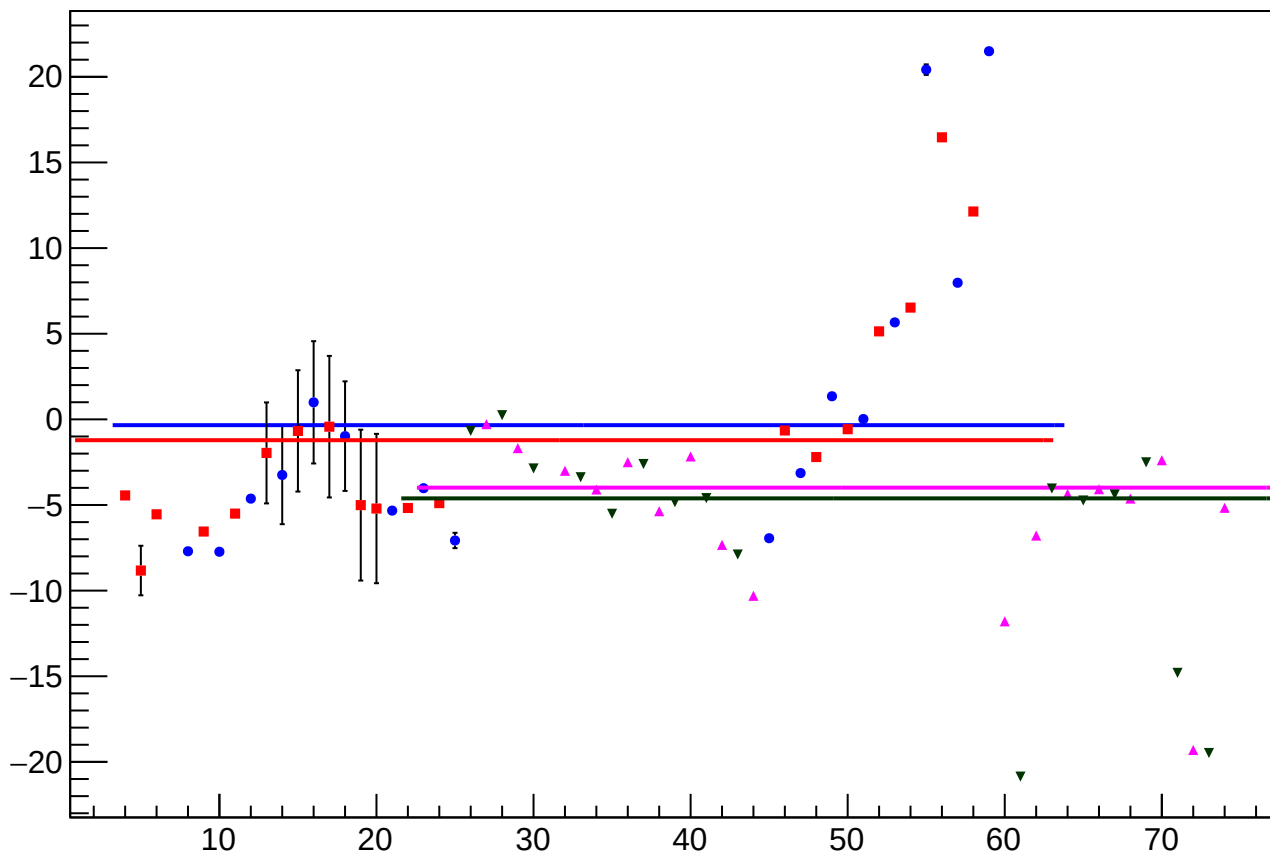
Right Out: 0.639 ± 0.018 $\chi^2/\text{NDF}: 590.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.234 ± 0.026 $\chi^2/\text{NDF}: 2.1/1$

0.639 ± 0.018 $\chi^2/\text{NDF}: 590.7/4$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -0.339 ± 0.048 χ^2/NDF : 25386.1/16

Left Out: -4.613 ± 0.040 χ^2/NDF : 12867.8/15

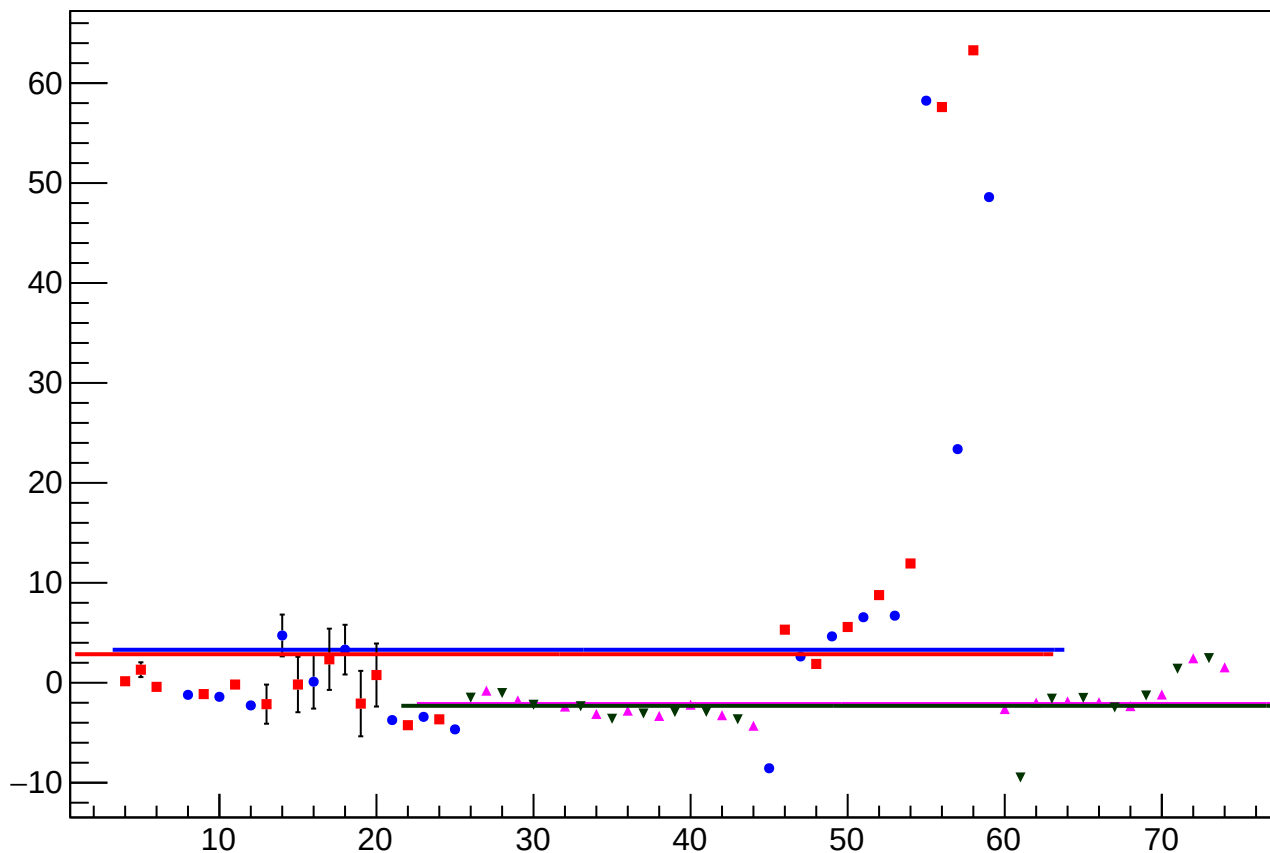
Right Out: -1.217 ± 0.051 χ^2/NDF : 13421.5/18

Left In: -3.987 ± 0.035 χ^2/NDF : 8579.9/16

-2.879 ± 0.031 χ^2/NDF : 42885.1/32

-3.080 ± 0.029 χ^2/NDF : 23998.1/35

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 3.303 ± 0.035 χ^2/NDF : 93117.2/16

Left Out: -2.305 ± 0.034 χ^2/NDF : 1518.2/15

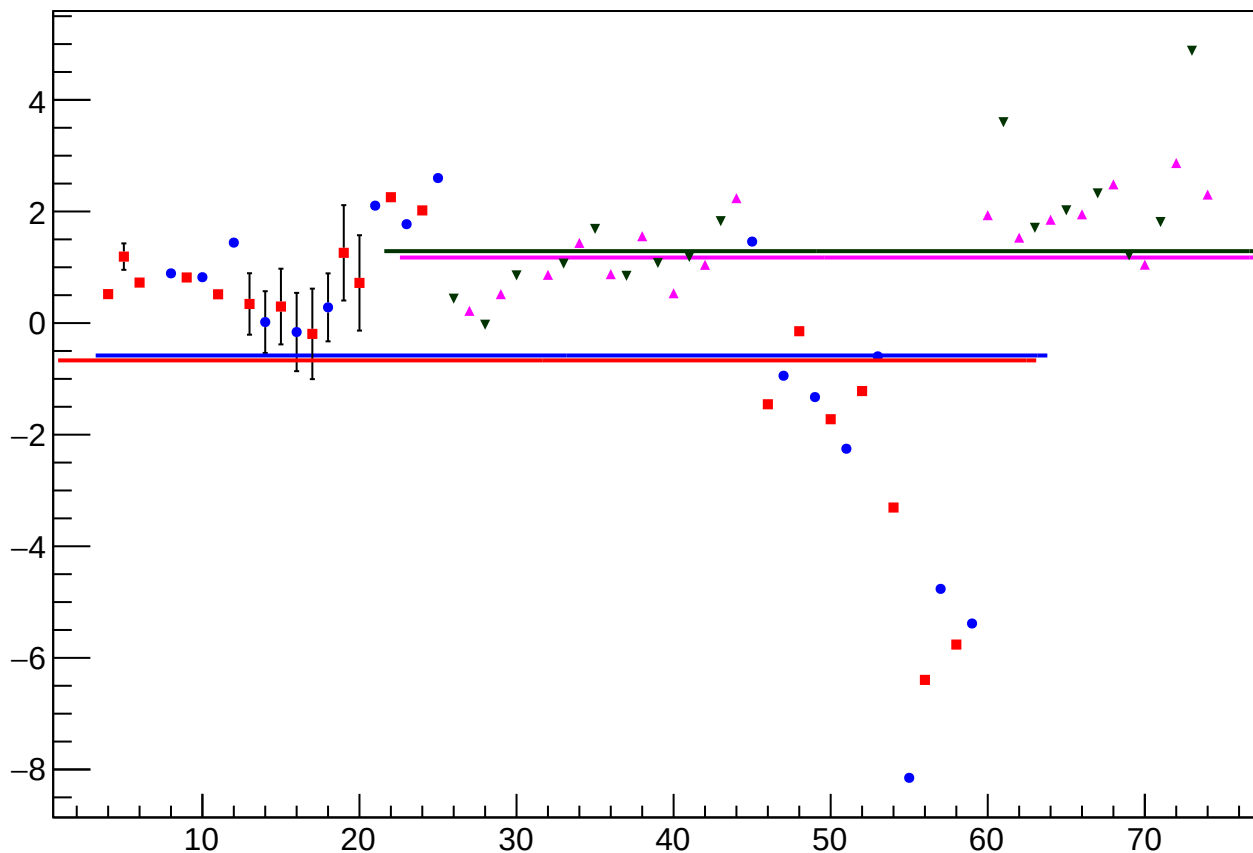
Right Out: 2.856 ± 0.031 χ^2/NDF : 104527.9/18

Left In: -2.121 ± 0.029 χ^2/NDF : 1202.8/16

0.353 ± 0.024 χ^2/NDF : 107859.9/32

0.252 ± 0.021 χ^2/NDF : 119626.4/35

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.581 ± 0.009 χ^2/NDF : 72923.0/16

Left Out: 1.289 ± 0.007 χ^2/NDF : 15592.7/15

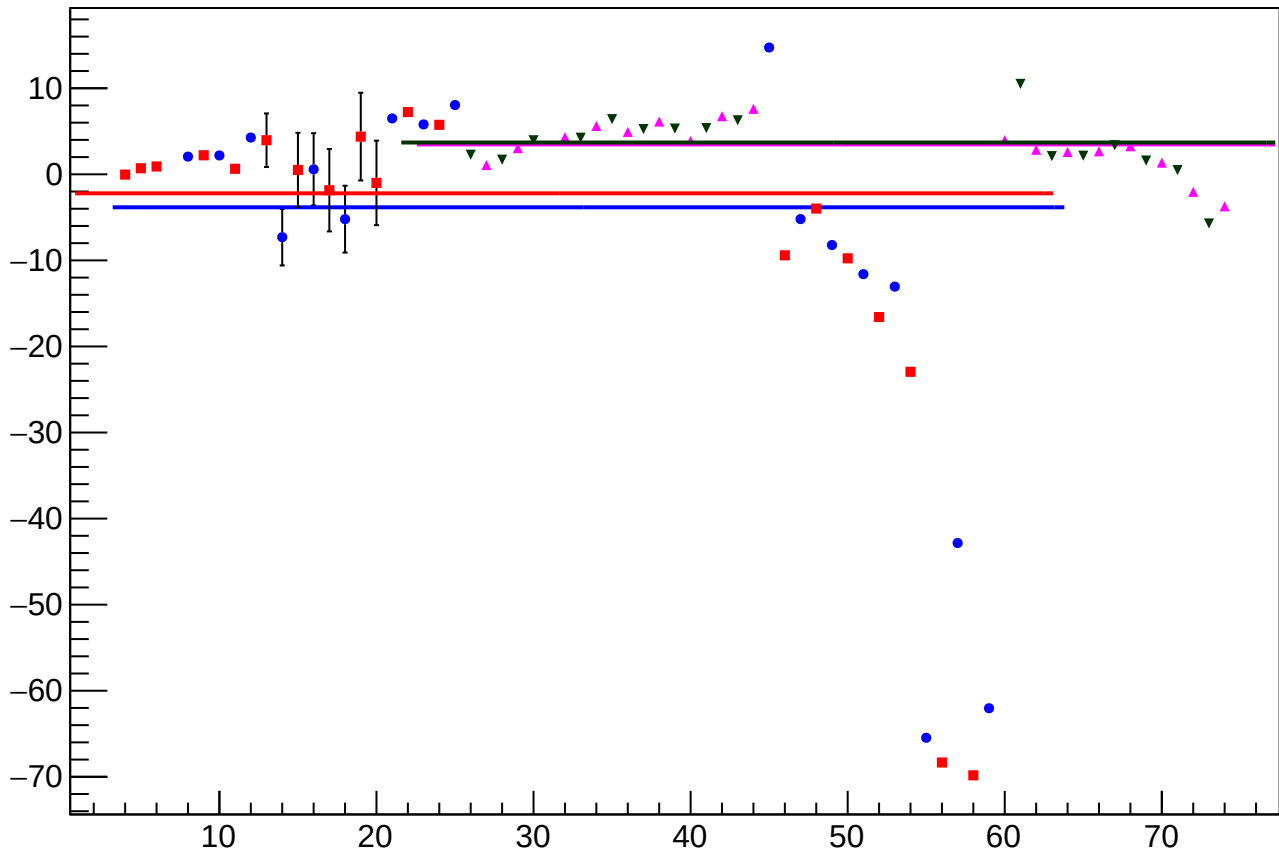
Right Out: -0.669 ± 0.009 χ^2/NDF : 56370.7/18

Left In: 1.175 ± 0.006 χ^2/NDF : 11881.0/16

0.580 ± 0.005 χ^2/NDF : 117952.1/32

0.578 ± 0.005 χ^2/NDF : 98641.8/35

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -3.833+/-0.044 χ^2/NDF : 128631.9/16

Left Out: 3.696+/-0.053 χ^2/NDF : 2165.5/15

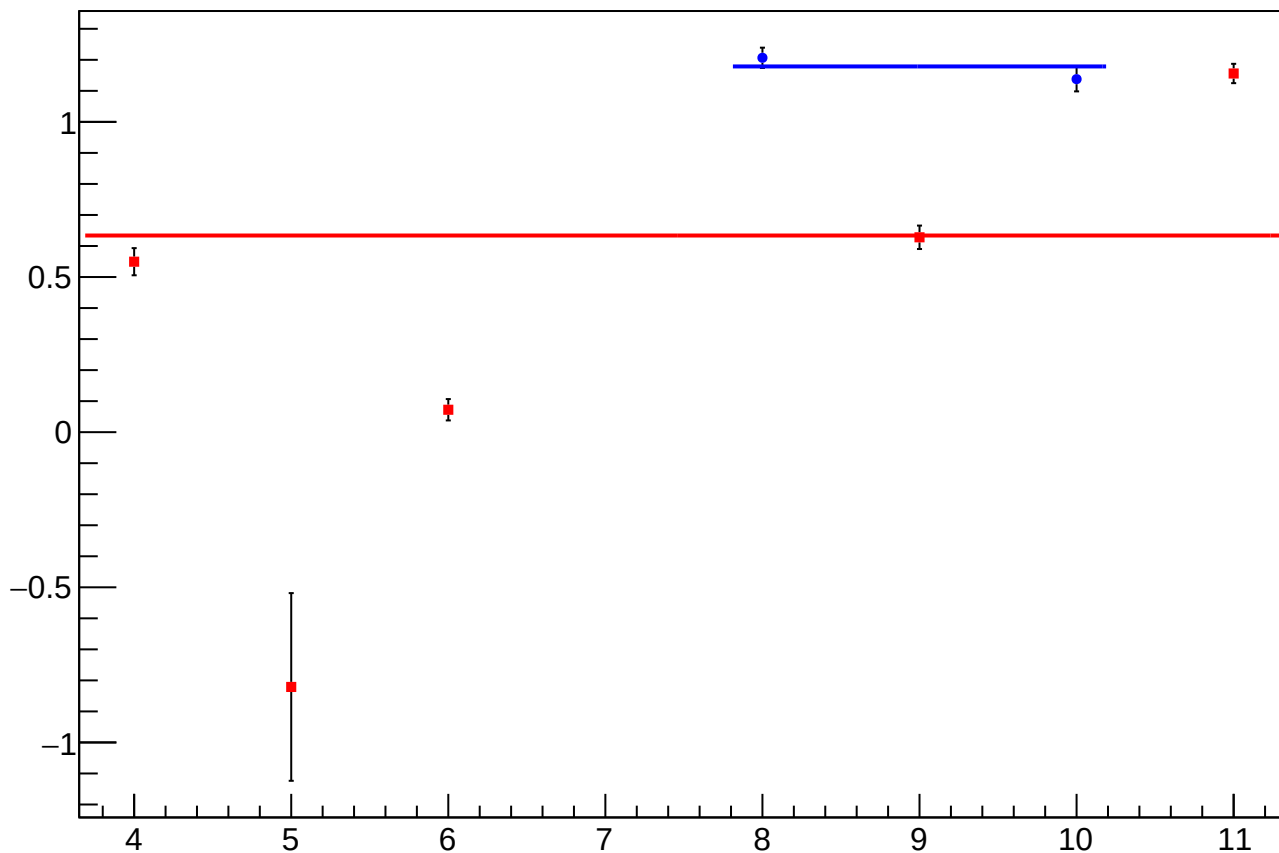
Right Out: -2.210+/-0.032 χ^2/NDF : 123297.3/18

Left In: 3.471+/-0.046 χ^2/NDF : 1987.3/16

-0.783+/-0.034 χ^2/NDF : 142889.8/32

-0.341+/-0.026 χ^2/NDF : 135446.8/35

reg_asym_bcm_an_us_diff_bpm12X_slope vs slug



Right In: 1.179+/-0.025 χ^2/NDF : 1.8/1

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

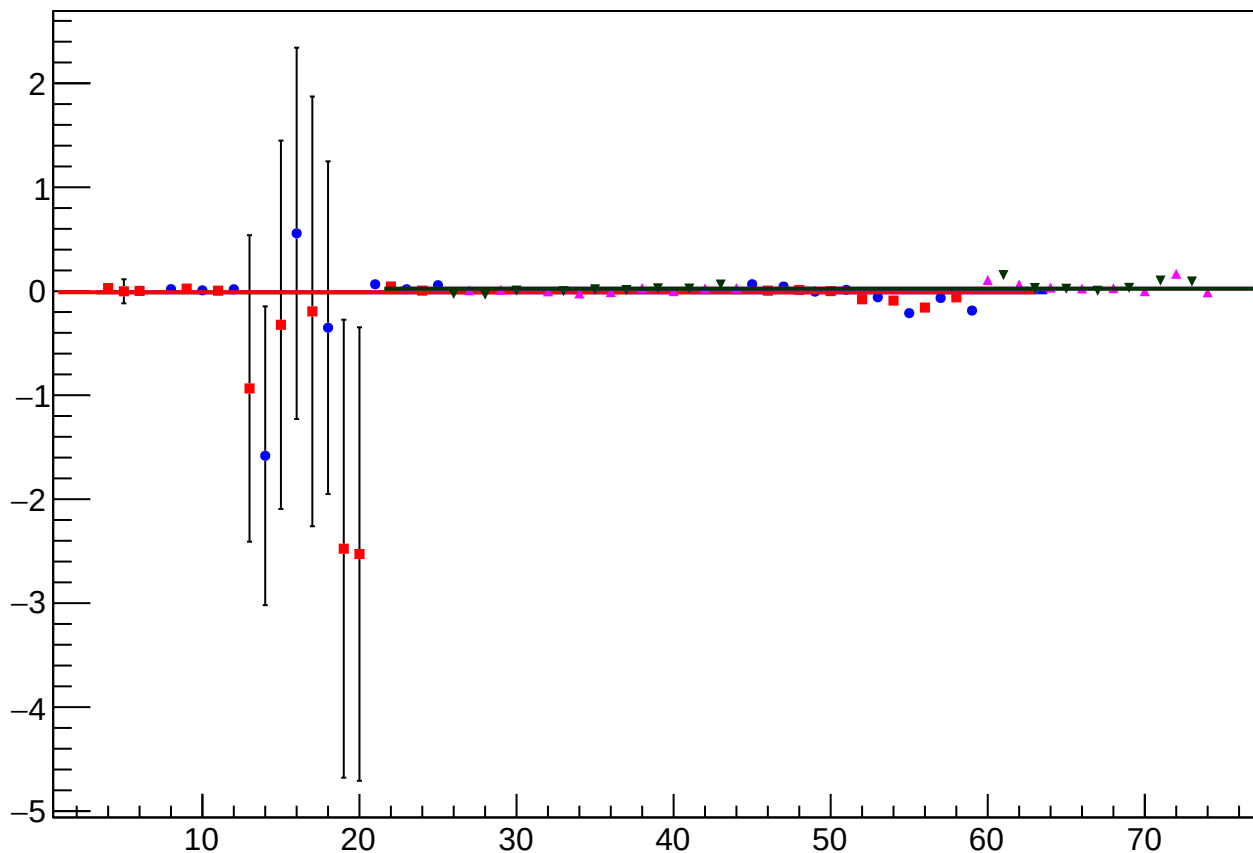
Right Out: 0.634+/-0.018 χ^2/NDF : 573.9/4

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

1.179+/-0.025 χ^2/NDF : 1.8/1

0.634+/-0.018 χ^2/NDF : 573.9/4

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

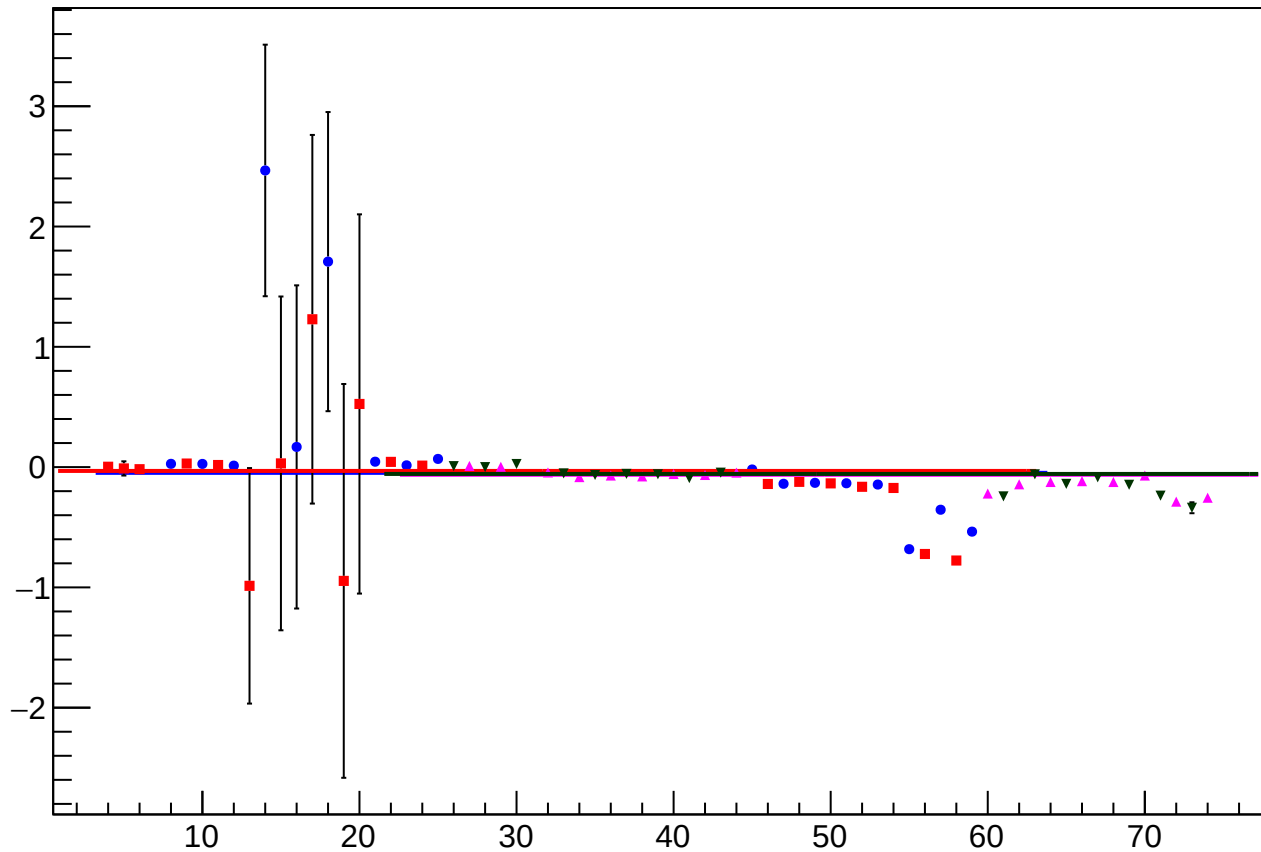
Right Out: -0.010 ± 0.004 χ^2/NDF : 109.3/18

Left In: 0.025 ± 0.005 χ^2/NDF : 51.2/16

0.005 ± 0.003 χ^2/NDF : 376.1/32

0.007 ± 0.003 χ^2/NDF : 190.3/35

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.048 $\pm$ 0.003 χ^2 /NDF: 2669.0/16

Left Out: -0.057 $\pm$ 0.004 χ^2 /NDF:196.1/15

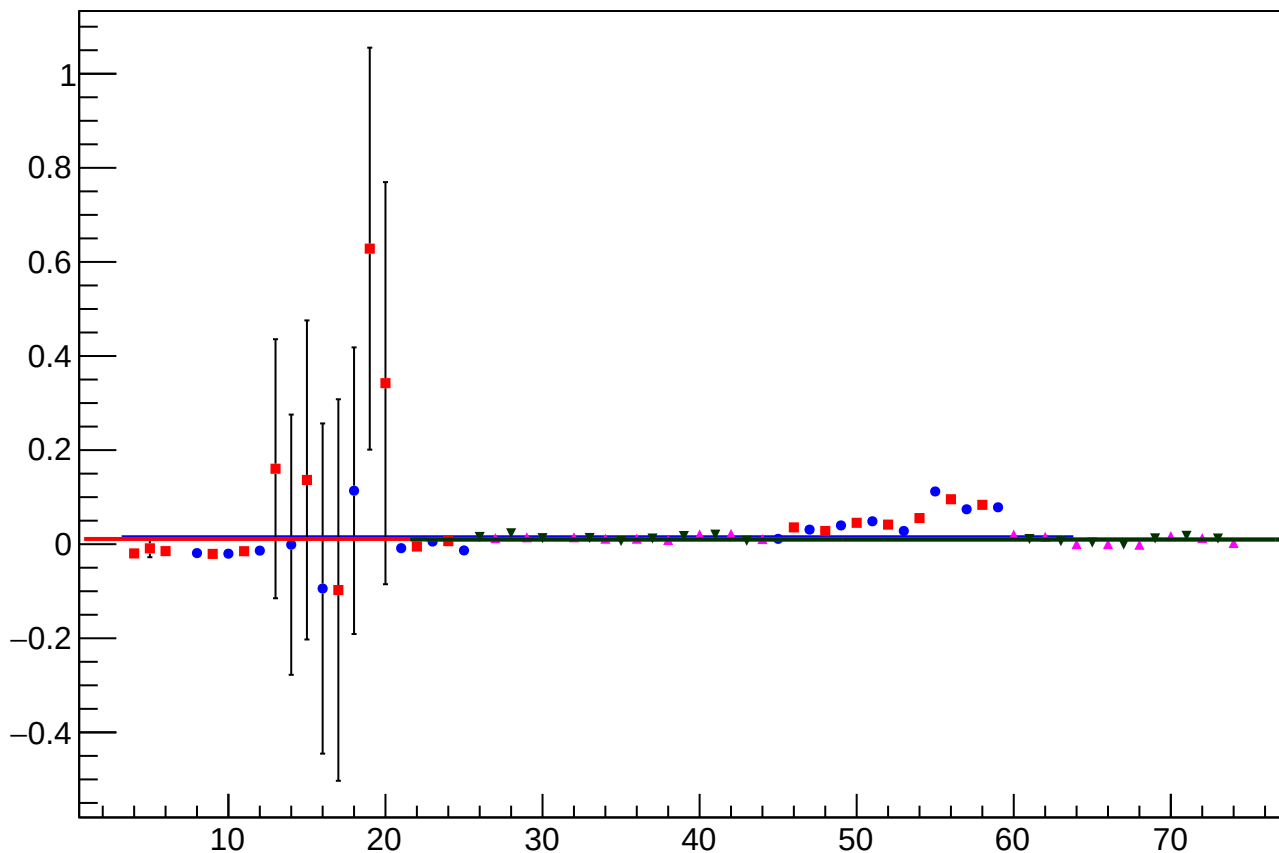
-0.050 $\pm$ 0.002 χ^2 /NDF: 2868.4/32

Right Out: -0.032 $\pm$ 0.002 χ^2 /NDF: 2673.1/18

-0.041 $\pm$ 0.002 χ^2 /NDF: 2946.9/35

Left In: -0.064 $\pm$ 0.004 χ^2 /NDF:226.3/16

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 $\pm$ 0.001 χ^2 /NDF: 2806.4/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 75.0/15

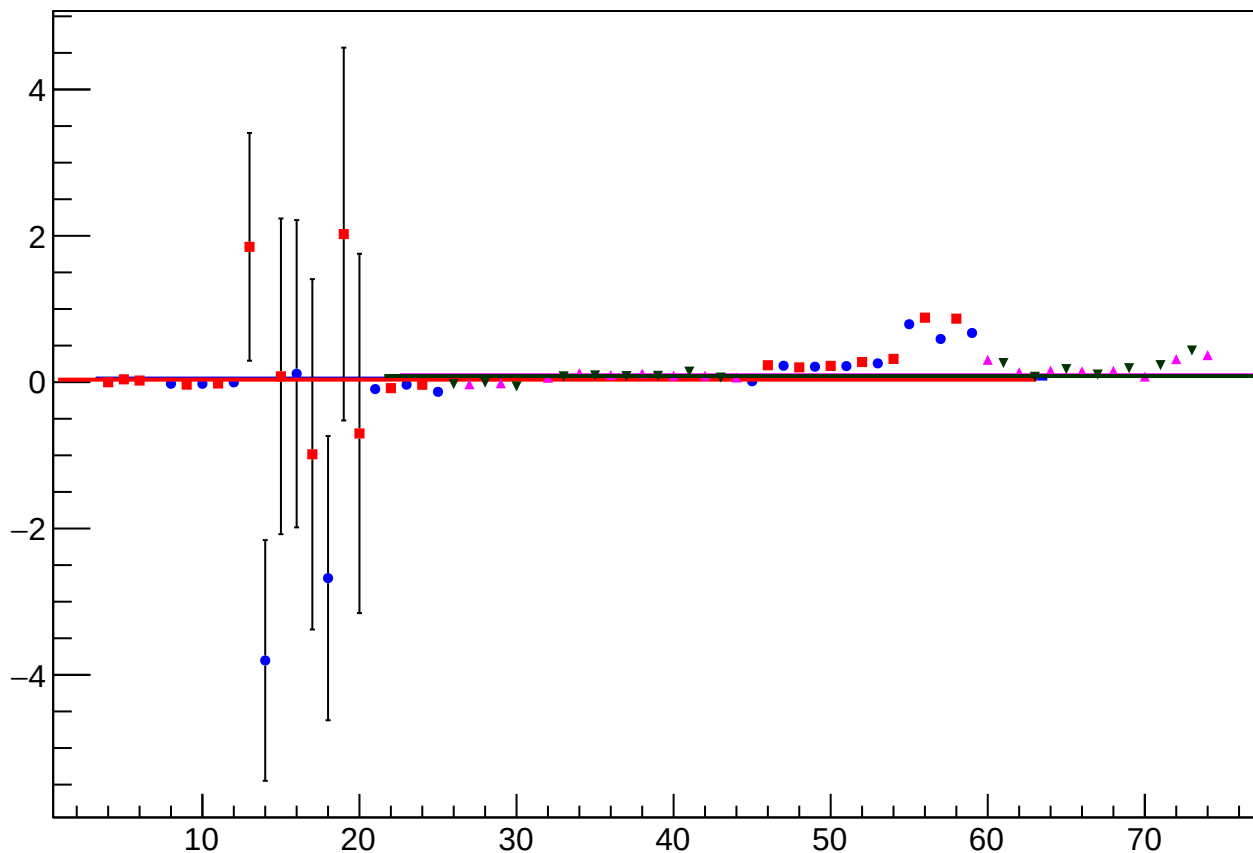
0.013 $\pm$ 0.001 χ^2 /NDF: 2901.5/32

Right Out: 0.011 $\pm$ 0.001 χ^2 /NDF: 2228.1/18

0.011 $\pm$ 0.001 χ^2 /NDF: 2332.9/35

Left In: 0.010 $\pm$ 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

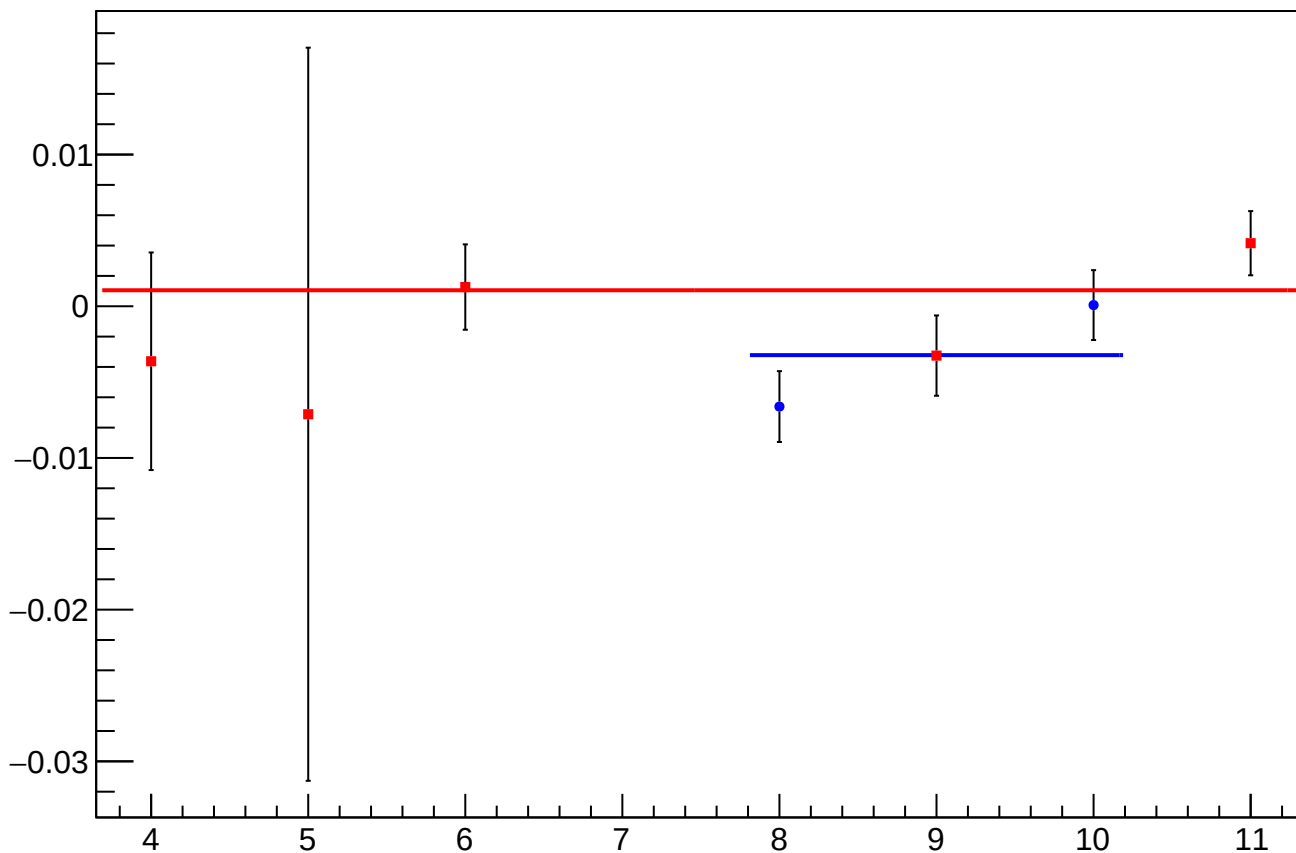
Right Out: 0.035 $\pm$ 0.003 χ^2 /NDF: 3062.2/18

Left In: 0.095 $\pm$ 0.006 χ^2 /NDF:212.5/16

0.056 $\pm$ 0.003 χ^2 /NDF: 3698.1/32

0.045 $\pm$ 0.003 χ^2 /NDF: 3353.6/35

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

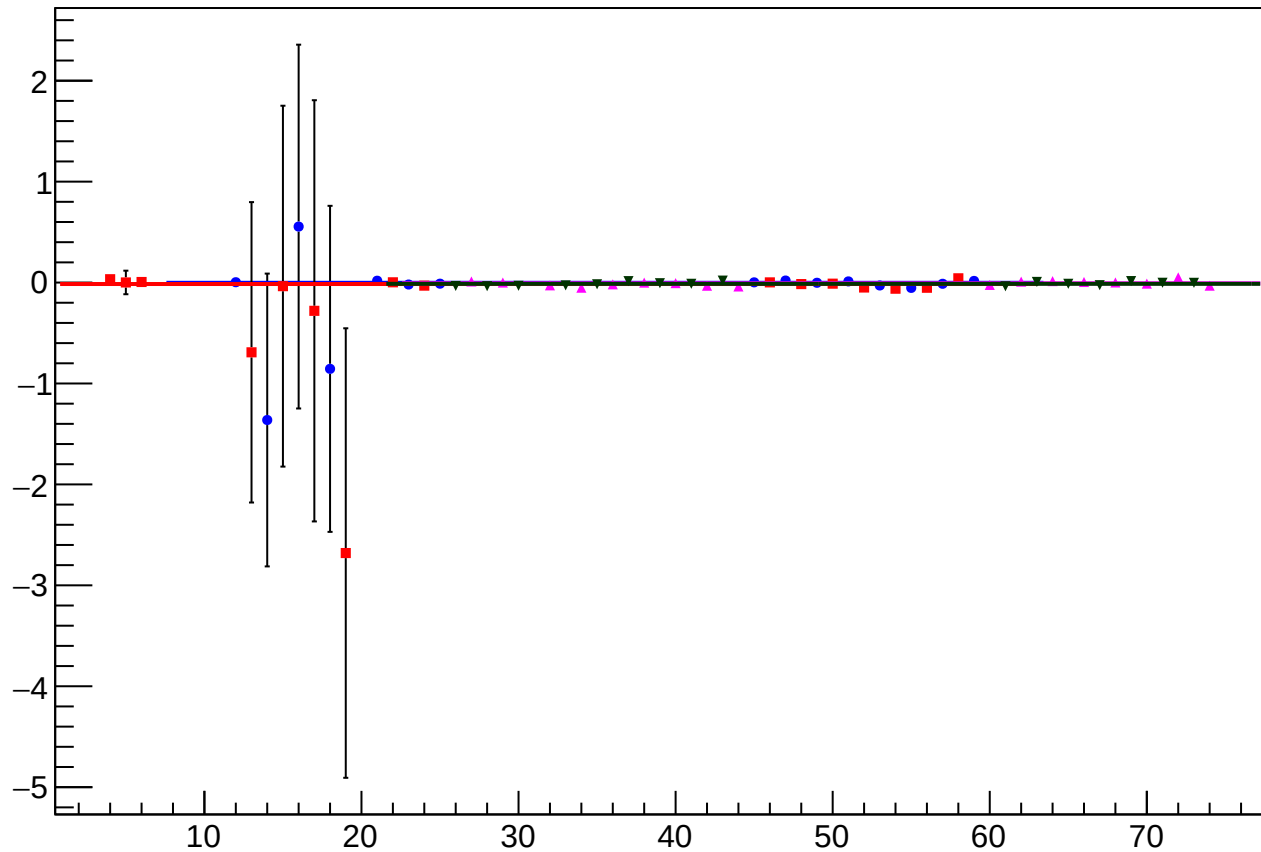
Right Out: 0.001+/-0.001 χ^2/NDF : 5.3/4

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

-0.003+/-0.002 χ^2/NDF : 4.2/1

0.001+/-0.001 χ^2/NDF : 5.3/4

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.002 $\pm$ 0.005 χ^2 /NDF: 13.1/14

Left Out: -0.012 $\pm$ 0.005 χ^2 /NDF:13.5/15

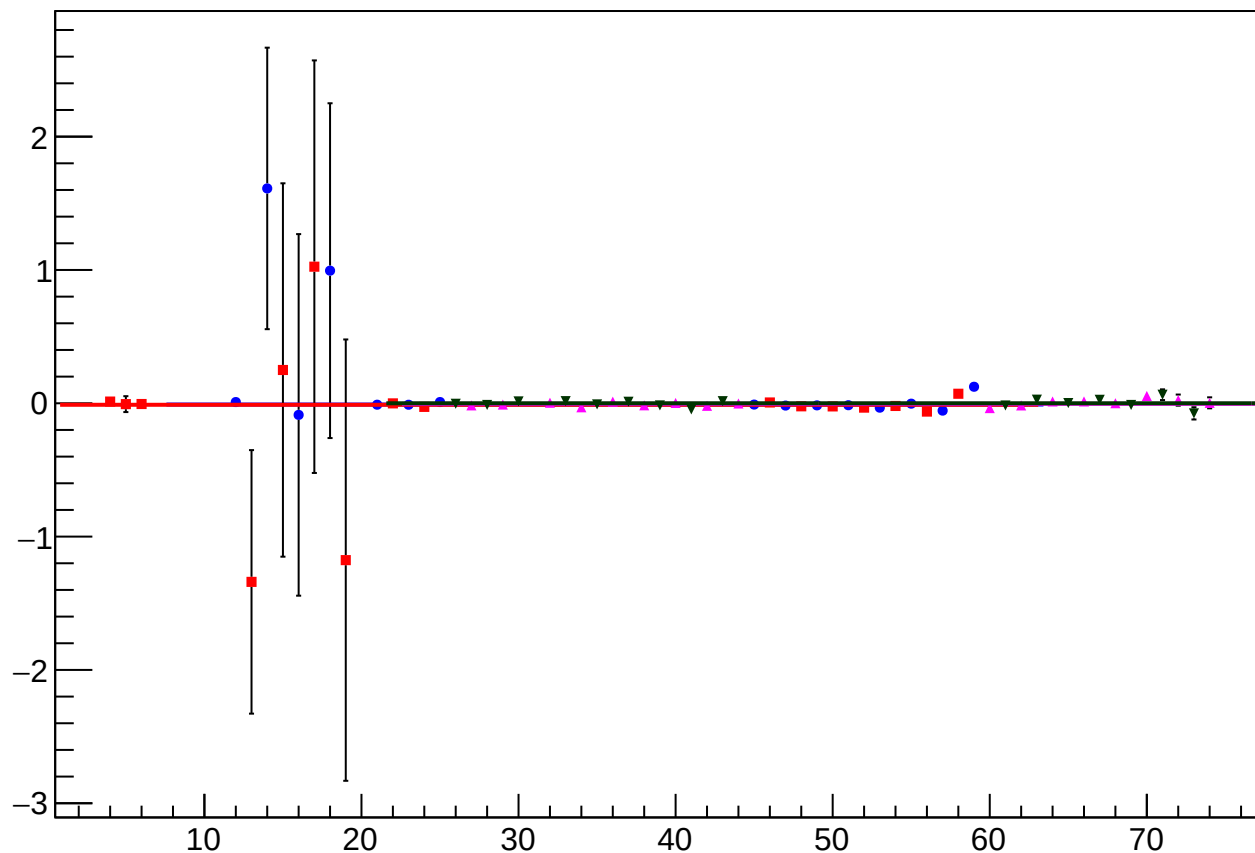
Right Out: -0.014 $\pm$ 0.006 χ^2 /NDF: 28.3/15

Left In: -0.007 $\pm$ 0.005 χ^2 /NDF:18.2/16

-0.008 $\pm$ 0.004 χ^2 /NDF: 28.5/30

-0.010 $\pm$ 0.004 χ^2 /NDF: 47.5/32

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

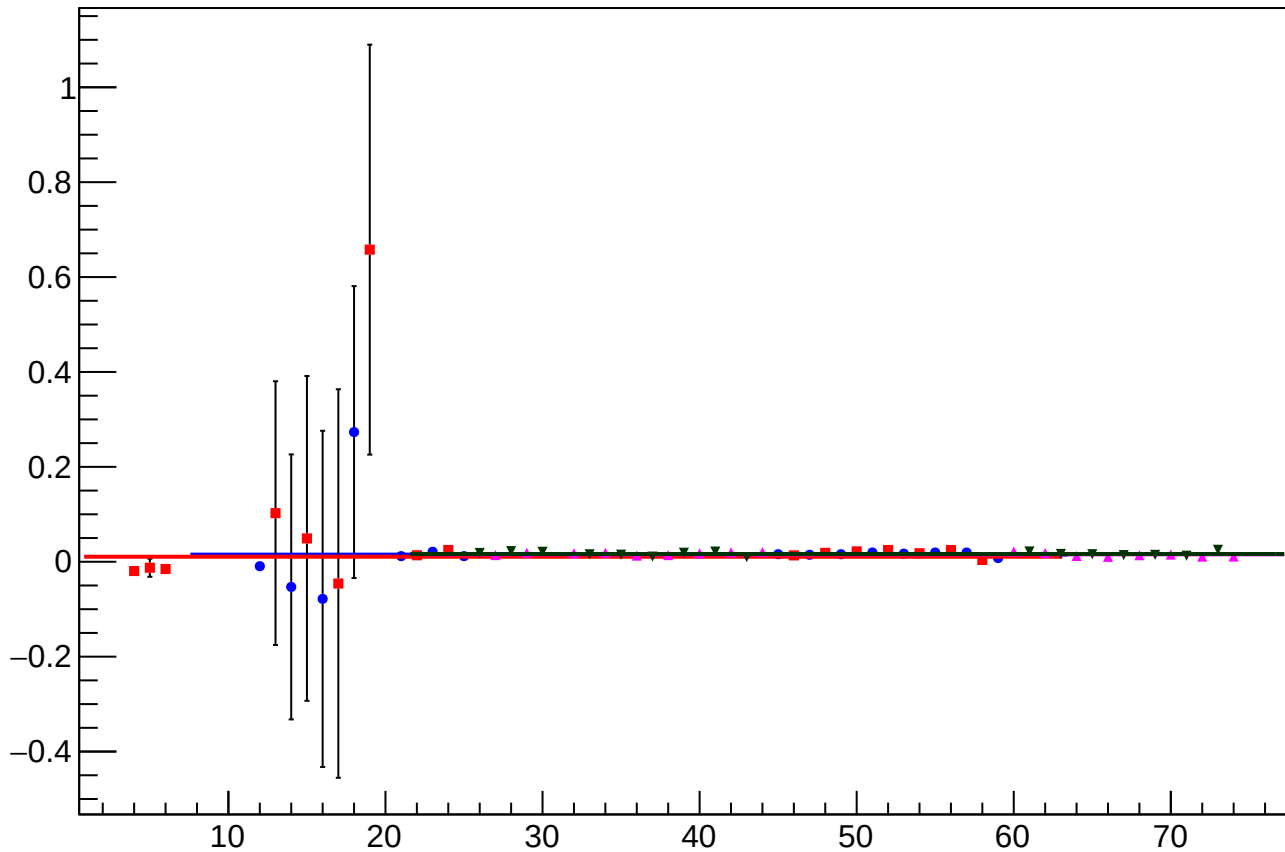
Right Out: -0.011 ± 0.004 χ^2/NDF : 31.0/15

Left In: -0.004 ± 0.004 χ^2/NDF : 14.3/16

-0.005 ± 0.003 χ^2/NDF : 91.8/30

-0.008 ± 0.003 χ^2/NDF : 46.8/32

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 $\pm$ 0.001 χ^2 /NDF: 37.4/14

Left Out: 0.016 $\pm$ 0.001 χ^2 /NDF: 21.1/15

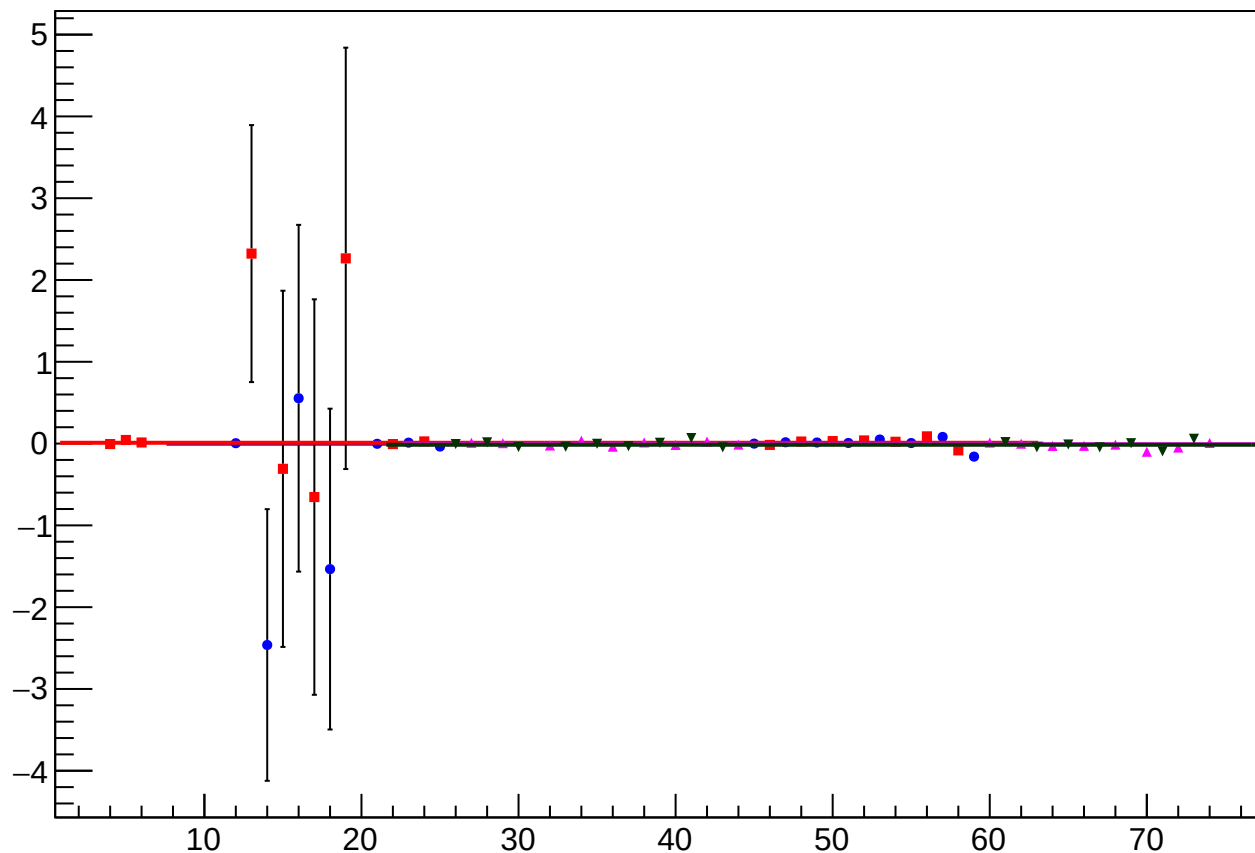
Right Out: 0.011 $\pm$ 0.001 χ^2 /NDF: 227.0/15

Left In: 0.016 $\pm$ 0.001 χ^2 /NDF: 20.7/16

0.016 $\pm$ 0.001 χ^2 /NDF: 59.6/30

0.014 $\pm$ 0.001 χ^2 /NDF: 262.9/32

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

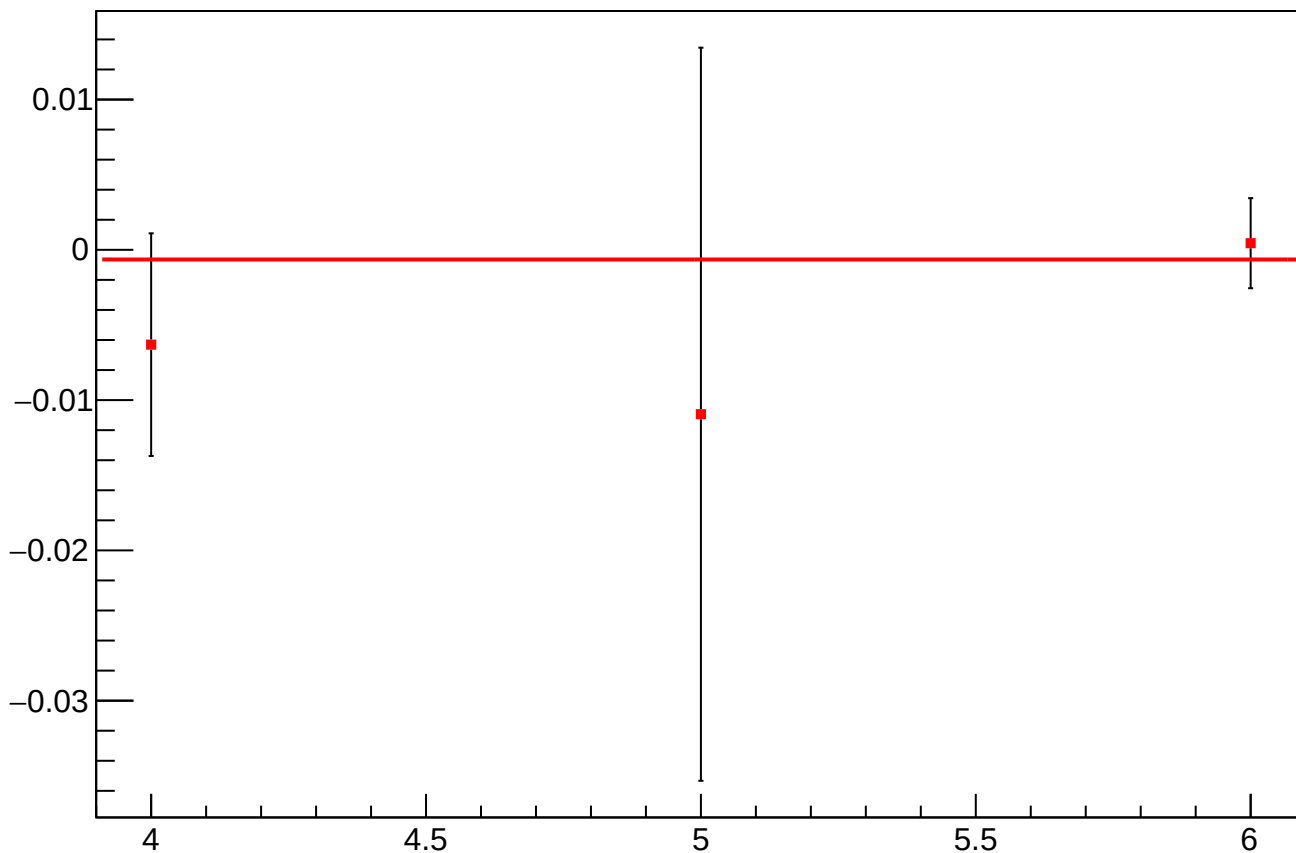
Right Out: 0.010 ± 0.004 χ^2/NDF : 35.0/15

Left In: -0.008 ± 0.006 χ^2/NDF : 14.1/16

-0.007 ± 0.005 χ^2/NDF : 114.7/30

0.004 ± 0.004 χ^2/NDF : 54.6/32

reg_bcm_an_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

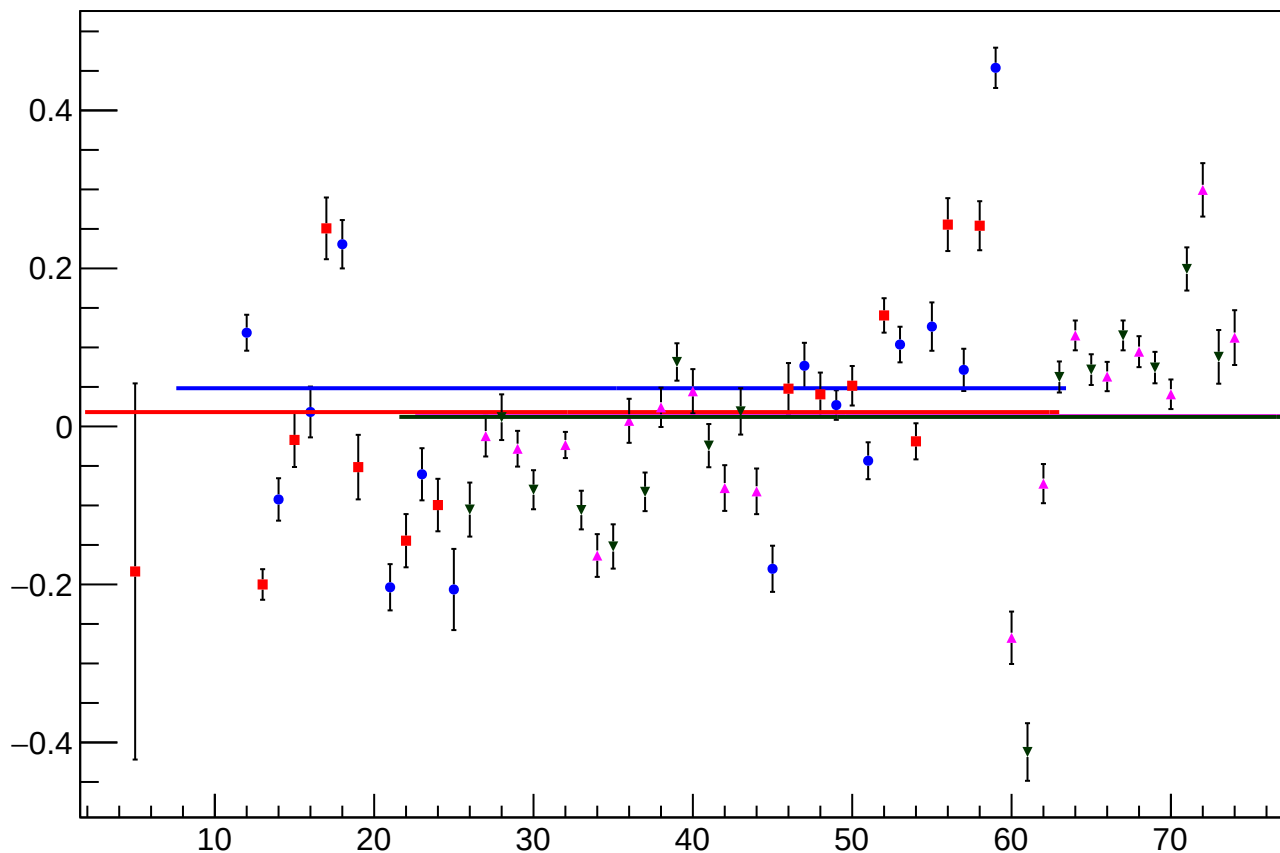
Right Out: -0.001+/-0.003 χ^2/NDF : 0.9/2

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

0.000+/-0.000 χ^2/NDF : 0.0/0

-0.001+/-0.003 χ^2/NDF : 0.9/2

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.048 $\pm$ 0.007 χ^2 /NDF: 527.8/14

Left Out: 0.012 $\pm$ 0.006 χ^2 /NDF: 351.7/15

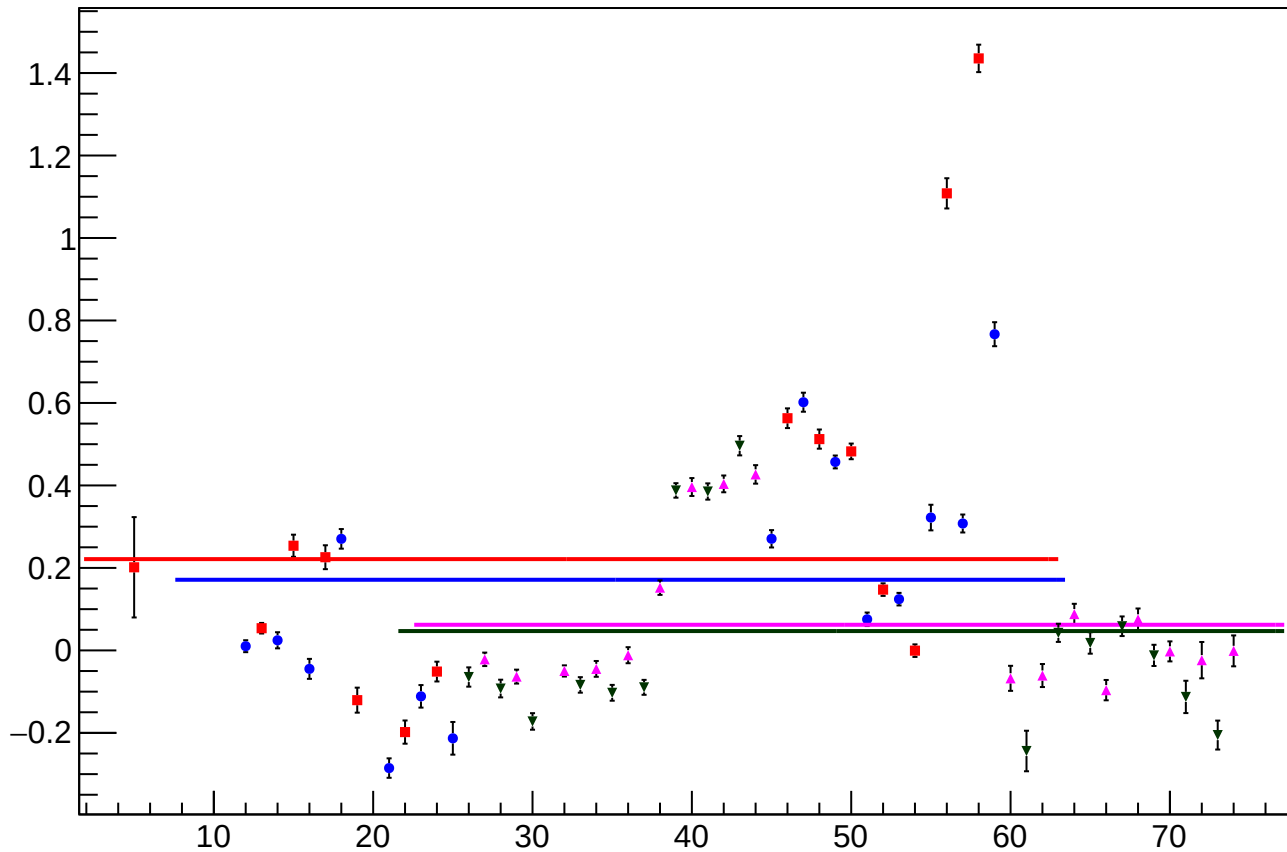
Right Out: 0.018 $\pm$ 0.008 χ^2 /NDF: 348.4/13

Left In: 0.013 $\pm$ 0.006 χ^2 /NDF: 293.4/16

0.028 $\pm$ 0.005 χ^2 /NDF: 894.7/30

0.015 $\pm$ 0.005 χ^2 /NDF: 642.1/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.171+/-0.005 χ^2/NDF : 2082.8/14

Left Out: 0.047+/-0.006 χ^2/NDF :1499.5/15

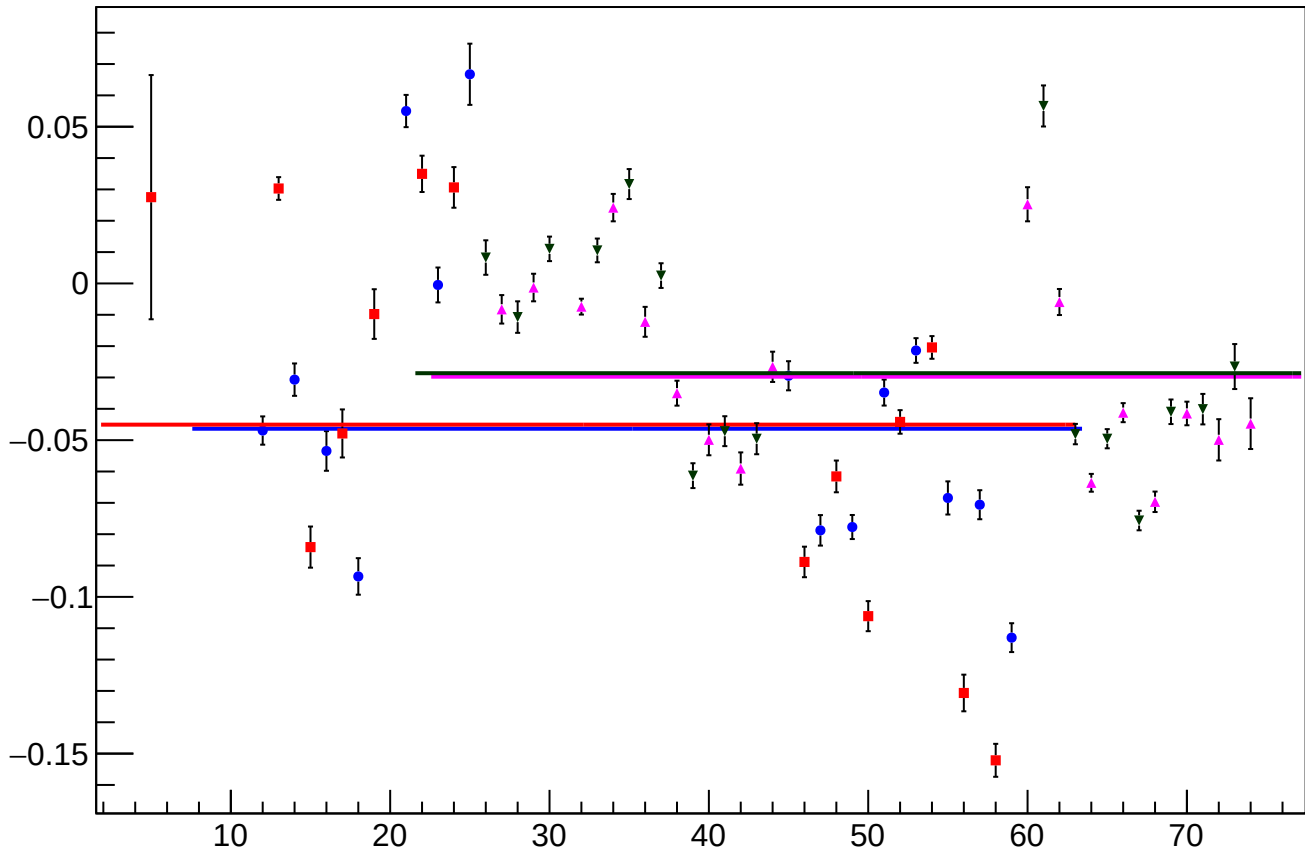
Right Out: 0.221+/-0.006 χ^2/NDF : 3353.1/13

Left In: 0.062+/-0.005 χ^2/NDF :1098.4/16

0.113+/-0.004 χ^2/NDF : 3839.3/30

0.132+/-0.004 χ^2/NDF : 4871.2/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.046 $\pm$ 0.001 χ^2 /NDF: 1093.3/14

Left Out: -0.029 $\pm$ 0.001 χ^2 /NDF:1083.7/15

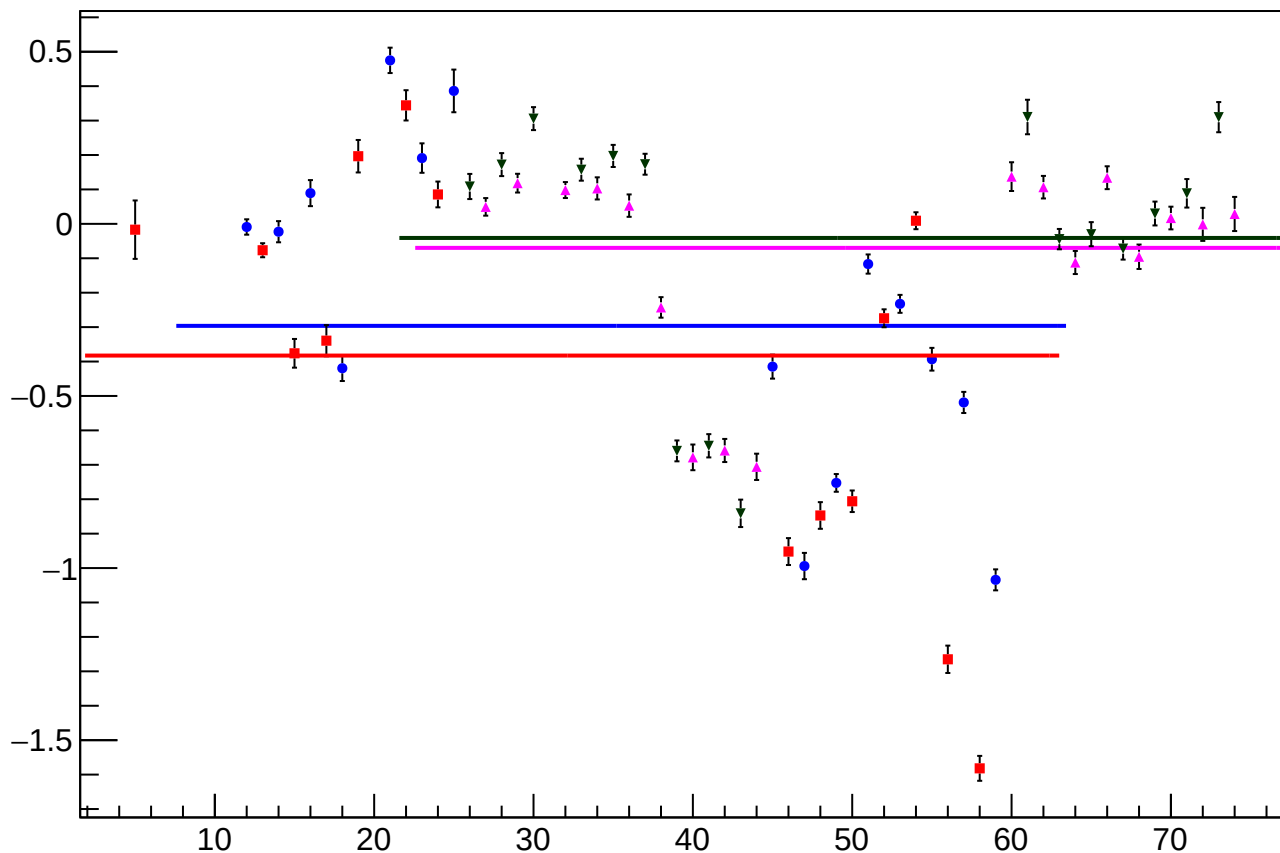
Right Out: -0.045 $\pm$ 0.001 χ^2 /NDF: 1748.3/13

Left In: -0.030 $\pm$ 0.001 χ^2 /NDF:822.4/16

-0.036 $\pm$ 0.001 χ^2 /NDF: 2294.3/30

-0.035 $\pm$ 0.001 χ^2 /NDF: 2653.0/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.296 $\pm$ 0.008 χ^2 /NDF: 2400.3/14

Left Out: -0.041 $\pm$ 0.009 χ^2 /NDF:1575.4/15

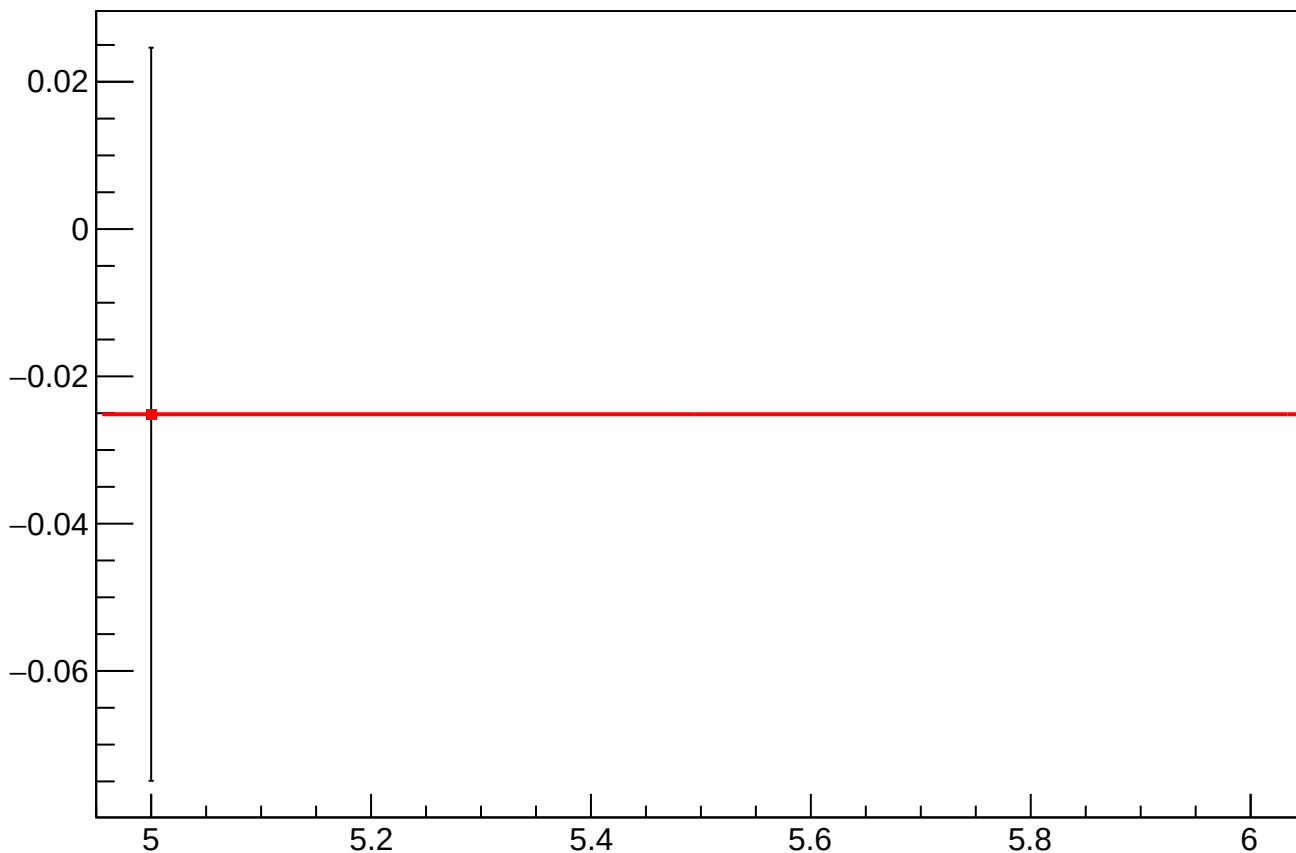
Right Out: -0.383 $\pm$ 0.009 χ^2 /NDF: 3225.8/13

Left In: -0.070 $\pm$ 0.008 χ^2 /NDF:1155.6/16

-0.175 $\pm$ 0.006 χ^2 /NDF: 4436.1/30

-0.205 $\pm$ 0.006 χ^2 /NDF: 5056.2/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm12X_slope vs slug



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

0.000+/-0.000 χ^2 /NDF: 0.0/0

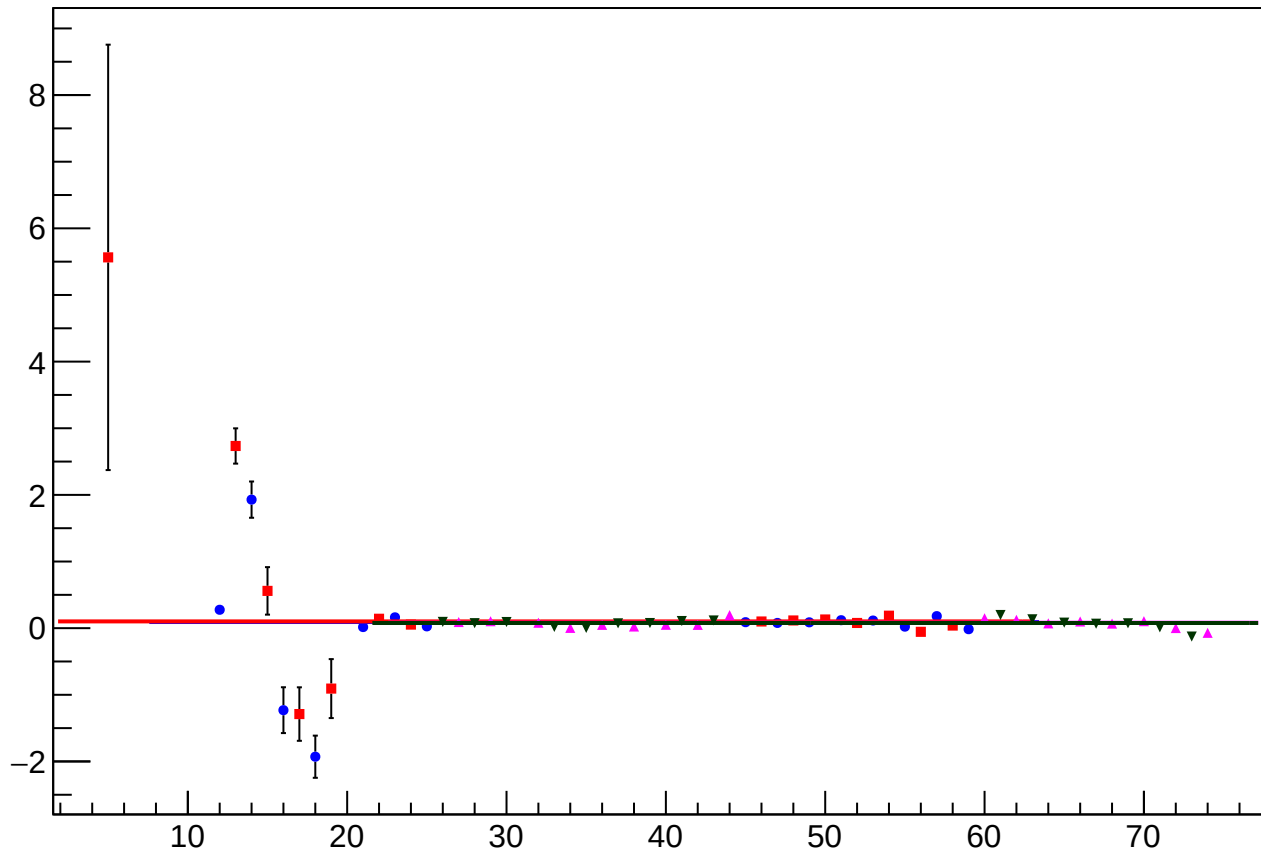
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025+/-0.050 χ^2 /NDF: 0.0/0

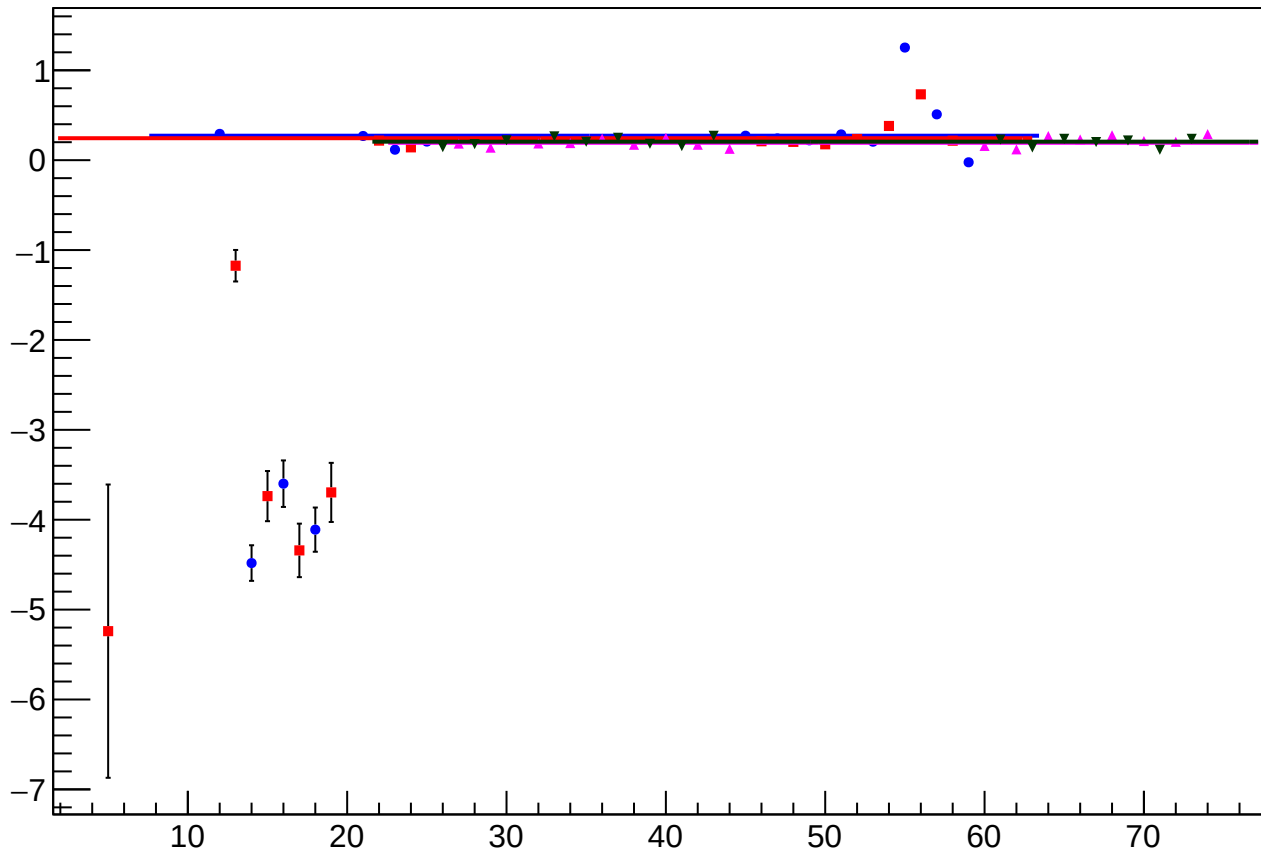
-0.025+/-0.050 χ^2 /NDF: 0.0/0

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

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.272 $\pm$ 0.006 χ^2 /NDF: 2356.5/14

Left Out: 0.206 $\pm$ 0.006 χ^2 /NDF:56.7/15

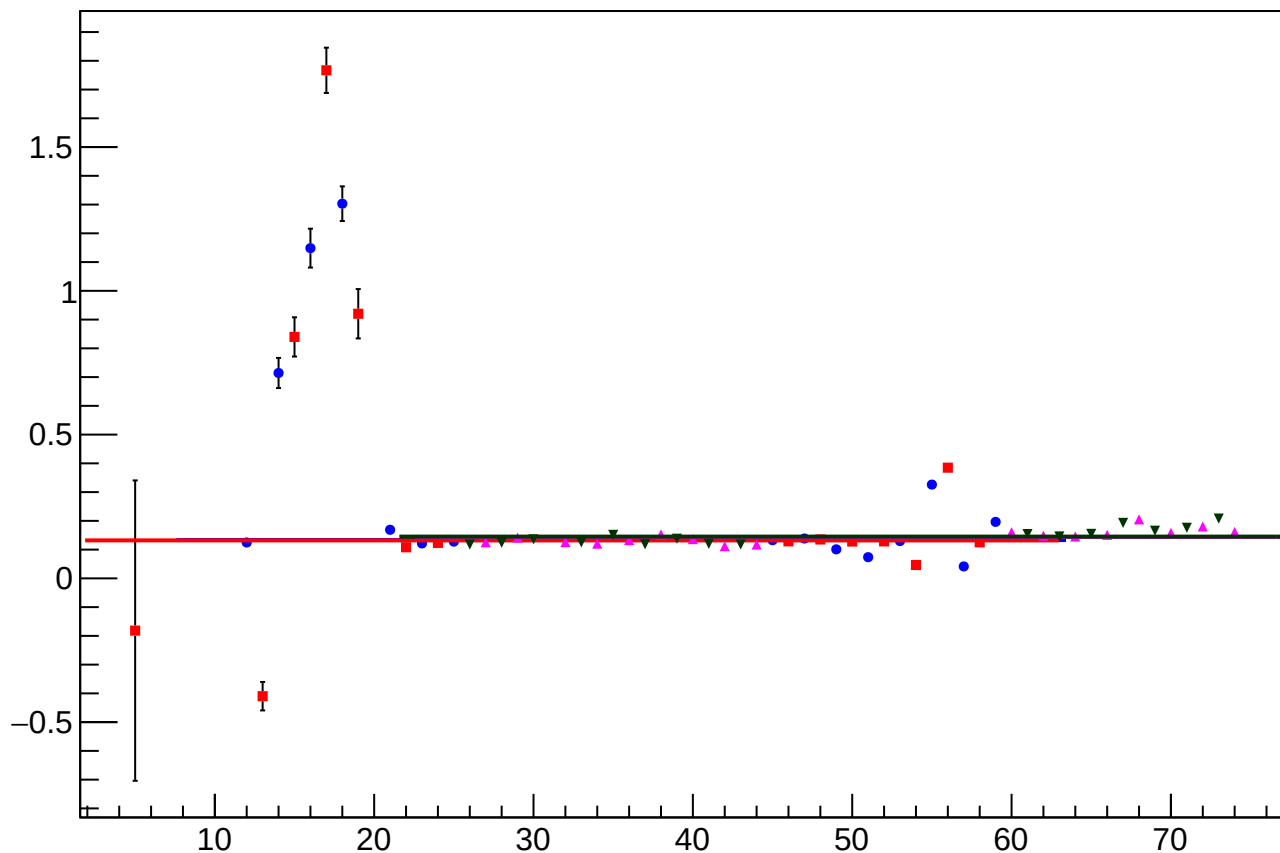
0.238 $\pm$ 0.004 χ^2 /NDF: 2479.9/30

Right Out: 0.244 $\pm$ 0.007 χ^2 /NDF: 969.8/13

0.213 $\pm$ 0.004 χ^2 /NDF: 1077.4/30

Left In: 0.193 $\pm$ 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

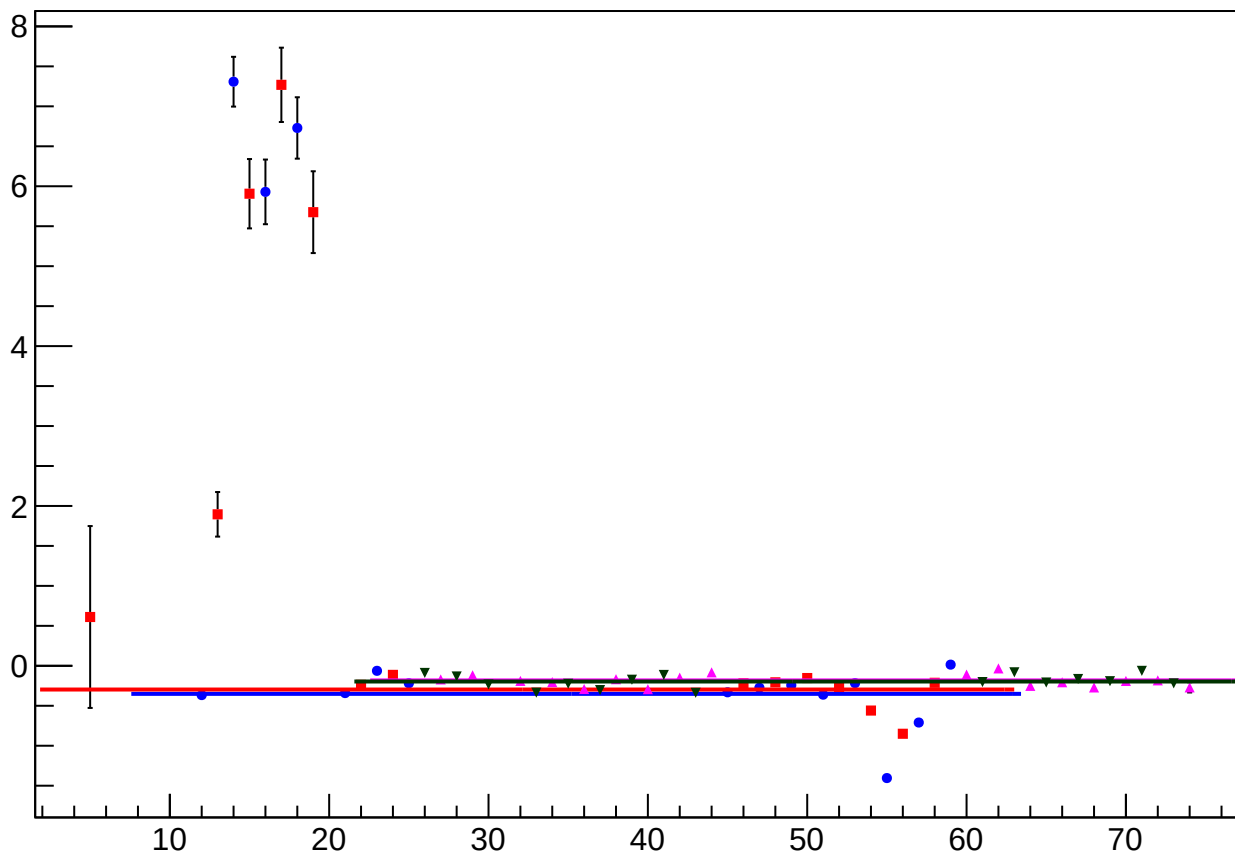
Right Out: 0.132+/-0.002 χ^2/NDF : 3230.6/13

Left In: 0.144+/-0.001 χ^2/NDF : 525.2/16

0.140+/-0.001 χ^2/NDF : 3511.5/30

0.140+/-0.001 χ^2/NDF : 3798.1/30

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

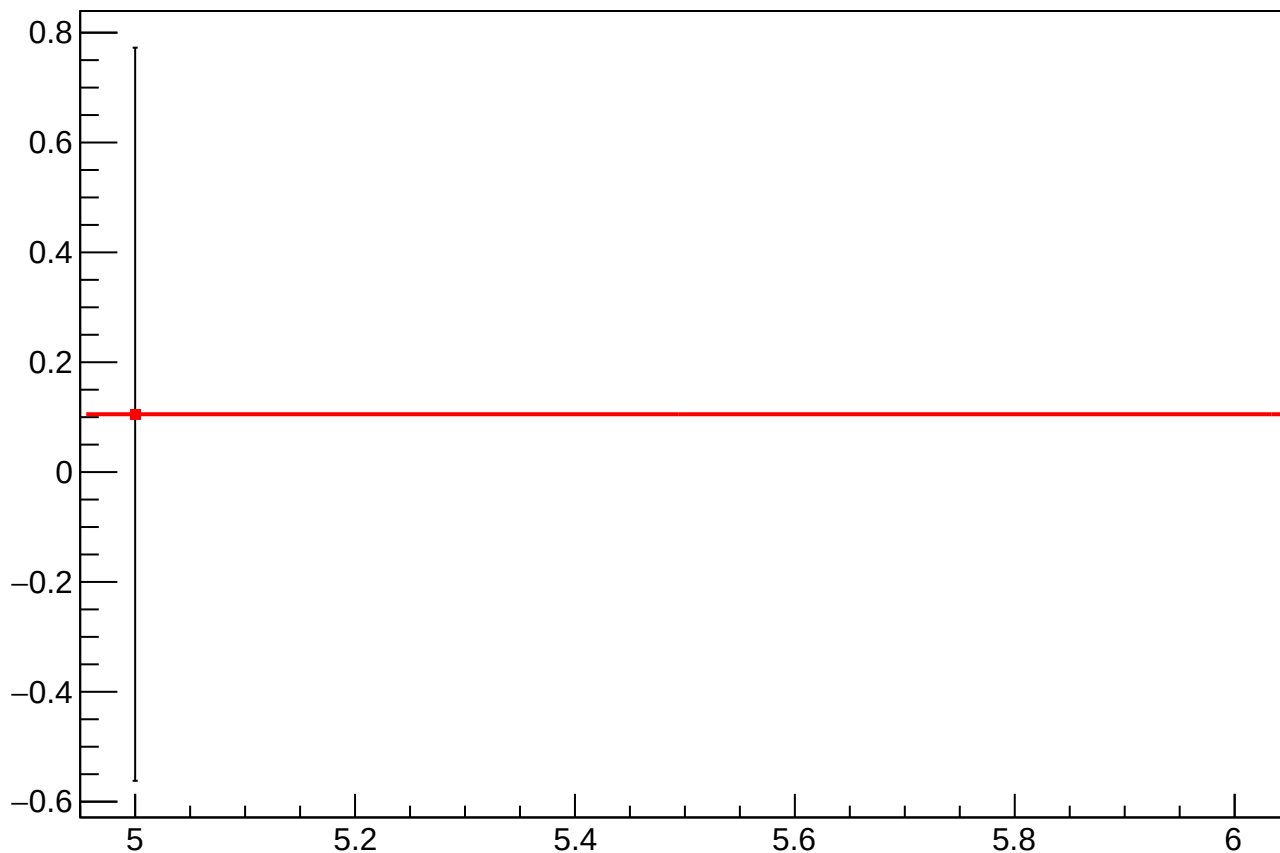
Right Out: -0.297+/-0.010 χ^2/NDF : 1058.1/13

Left In: -0.182+/-0.008 χ^2/NDF : 74.9/16

-0.273+/-0.006 χ^2/NDF : 2782.4/30

-0.226+/-0.006 χ^2/NDF : 1206.5/30

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

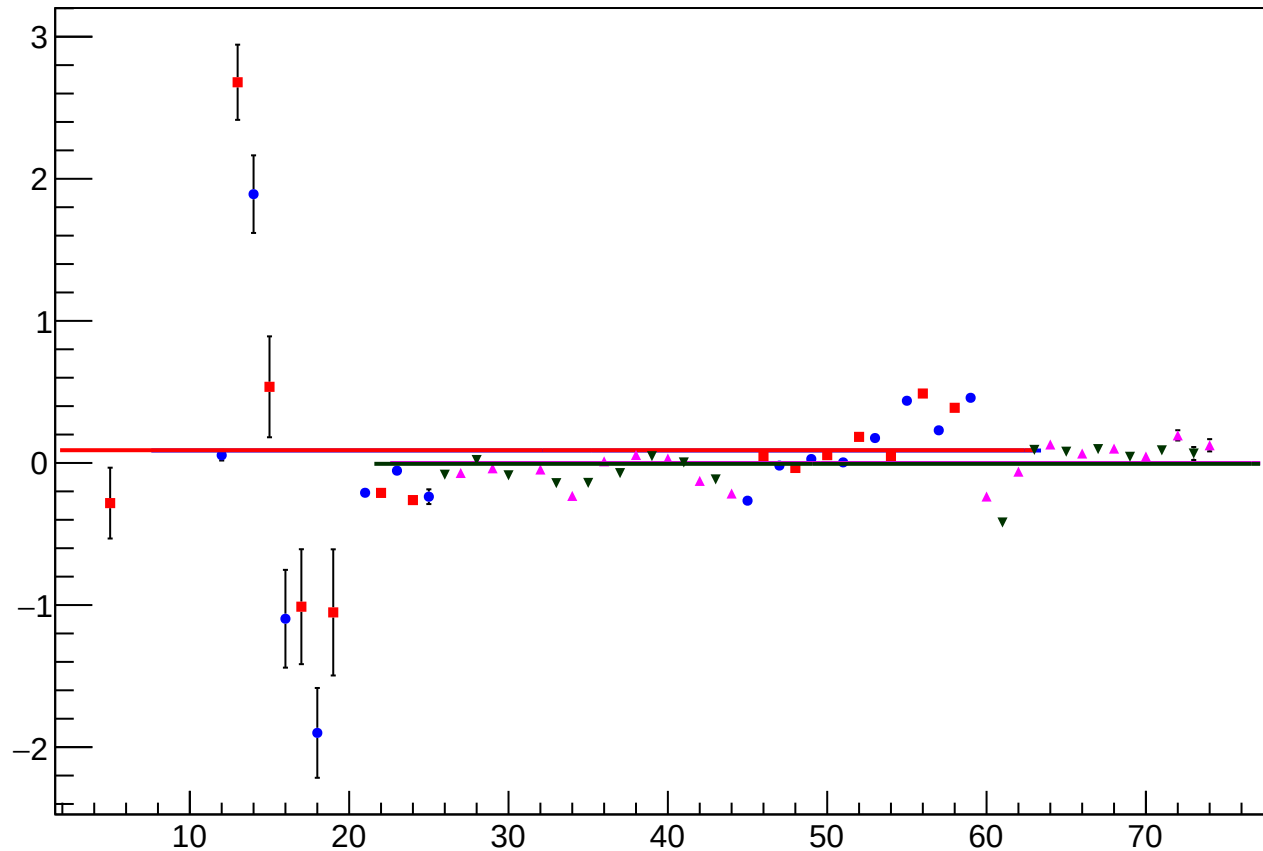
Right Out: 0.105+/-0.667 χ^2/NDF : 0.0/0

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

0.000+/-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 $\pm$ 0.008 χ^2 /NDF: 822.1/14

Left Out: -0.006 $\pm$ 0.007 χ^2 /NDF: 318.9/15

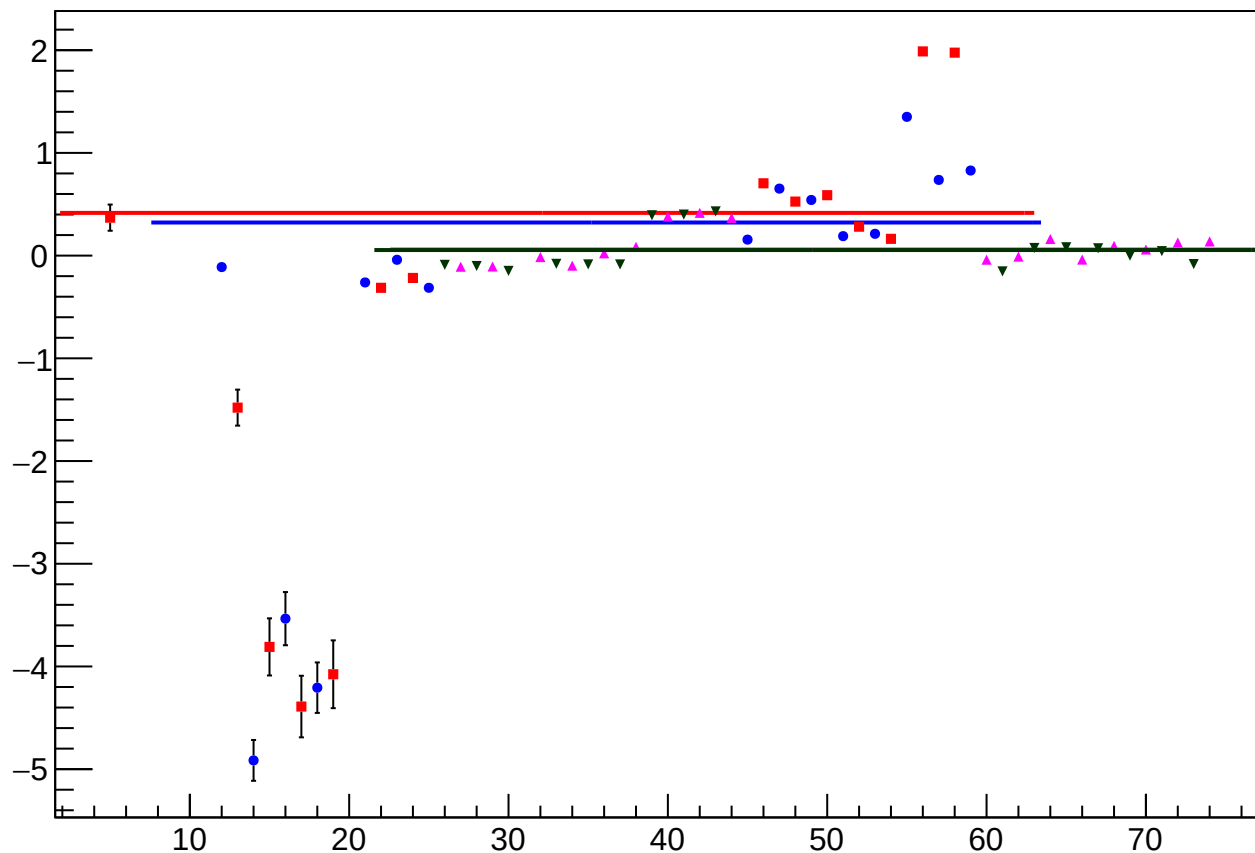
Right Out: 0.090 $\pm$ 0.010 χ^2 /NDF: 586.1/13

Left In: -0.000 $\pm$ 0.006 χ^2 /NDF: 331.9/16

0.031 $\pm$ 0.005 χ^2 /NDF: 1223.3/30

0.026 $\pm$ 0.005 χ^2 /NDF: 981.5/30

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 $\chi^2/\text{NDF}: 1173.1/15$

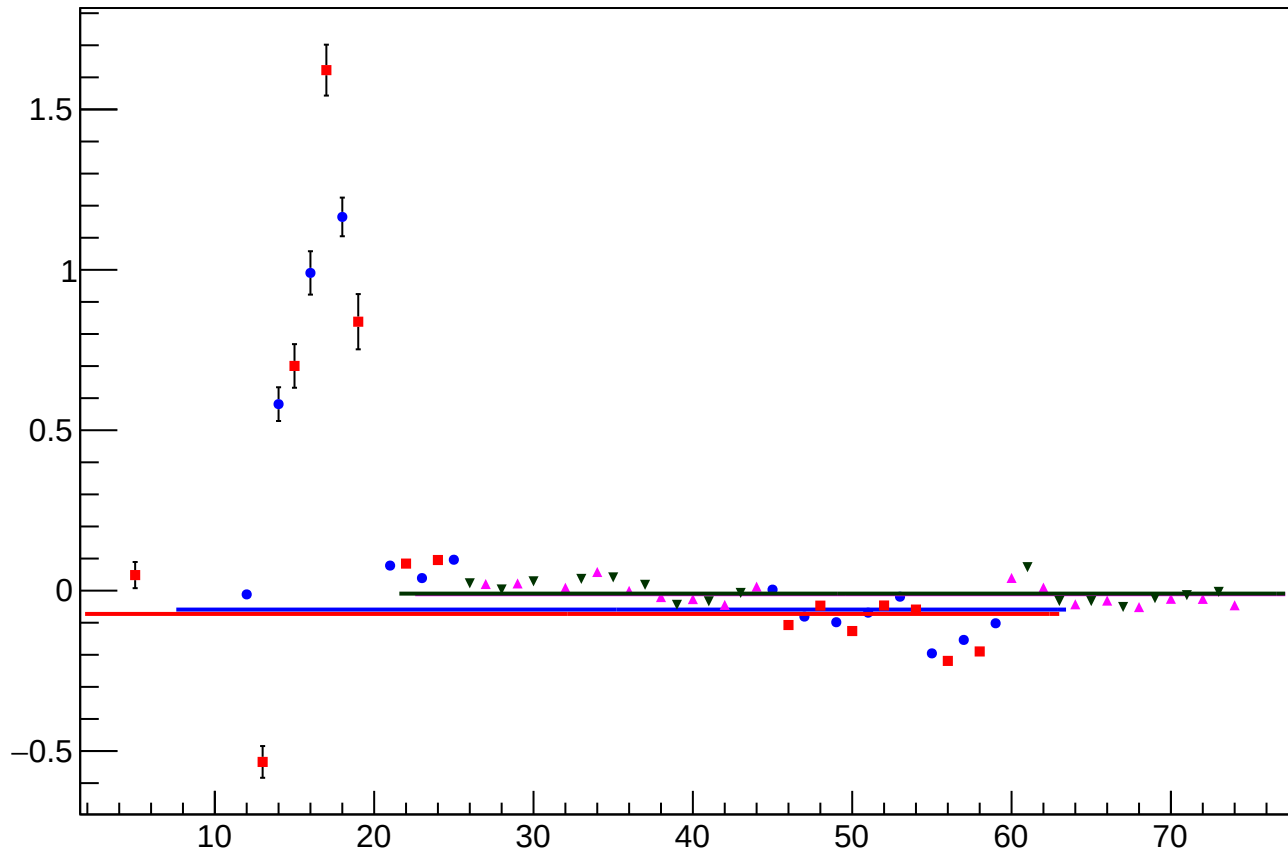
Right Out: 0.416 ± 0.007 $\chi^2/\text{NDF}: 6919.2/13$

Left In: 0.060 ± 0.005 $\chi^2/\text{NDF}: 978.0/16$

0.180 ± 0.004 $\chi^2/\text{NDF}: 7076.0/30$

0.187 ± 0.004 $\chi^2/\text{NDF}: 9413.3/30$

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

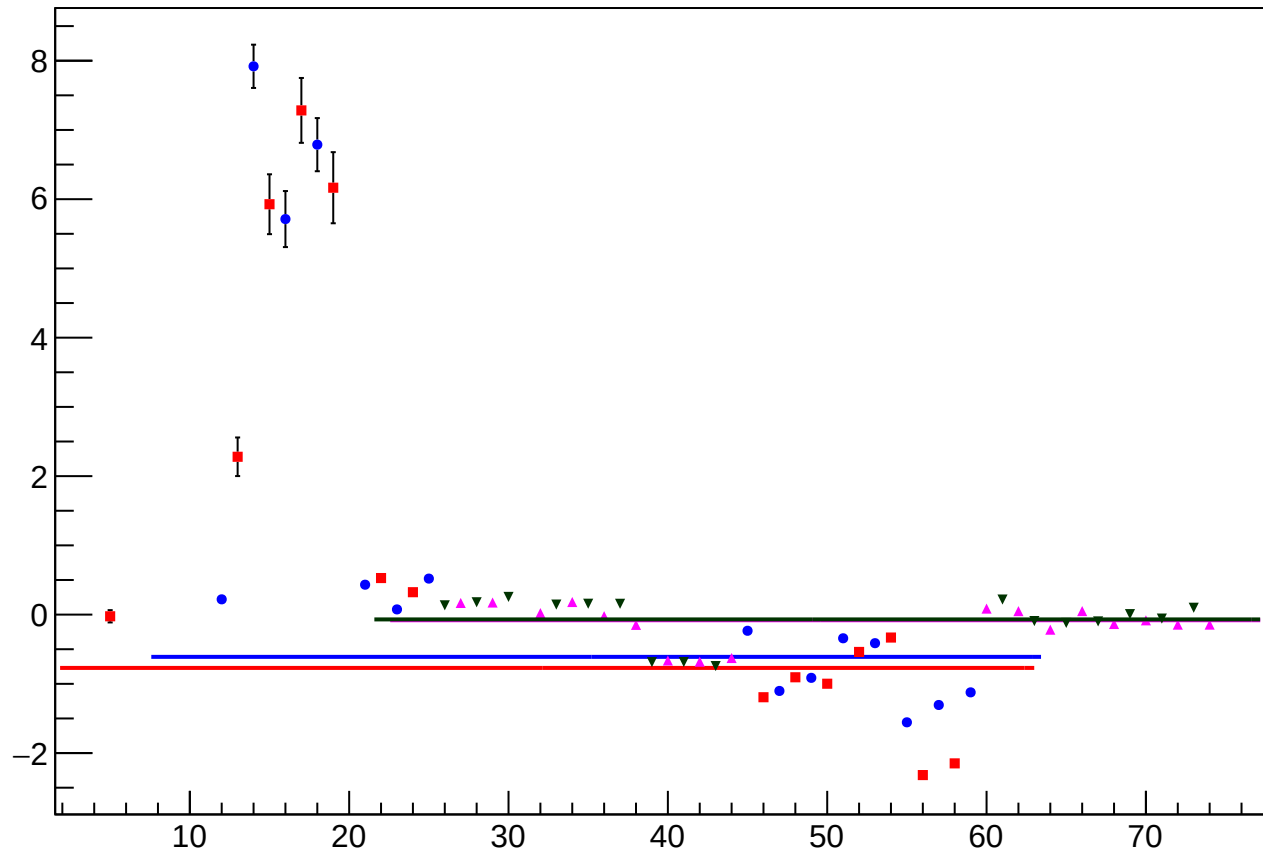
Right Out: -0.073+/-0.002 χ^2 /NDF: 3567.7/13

Left In: -0.011+/-0.001 χ^2 /NDF:868.0/16

-0.028+/-0.001 χ^2 /NDF: 5362.2/30

-0.029+/-0.001 χ^2 /NDF: 5446.0/30

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

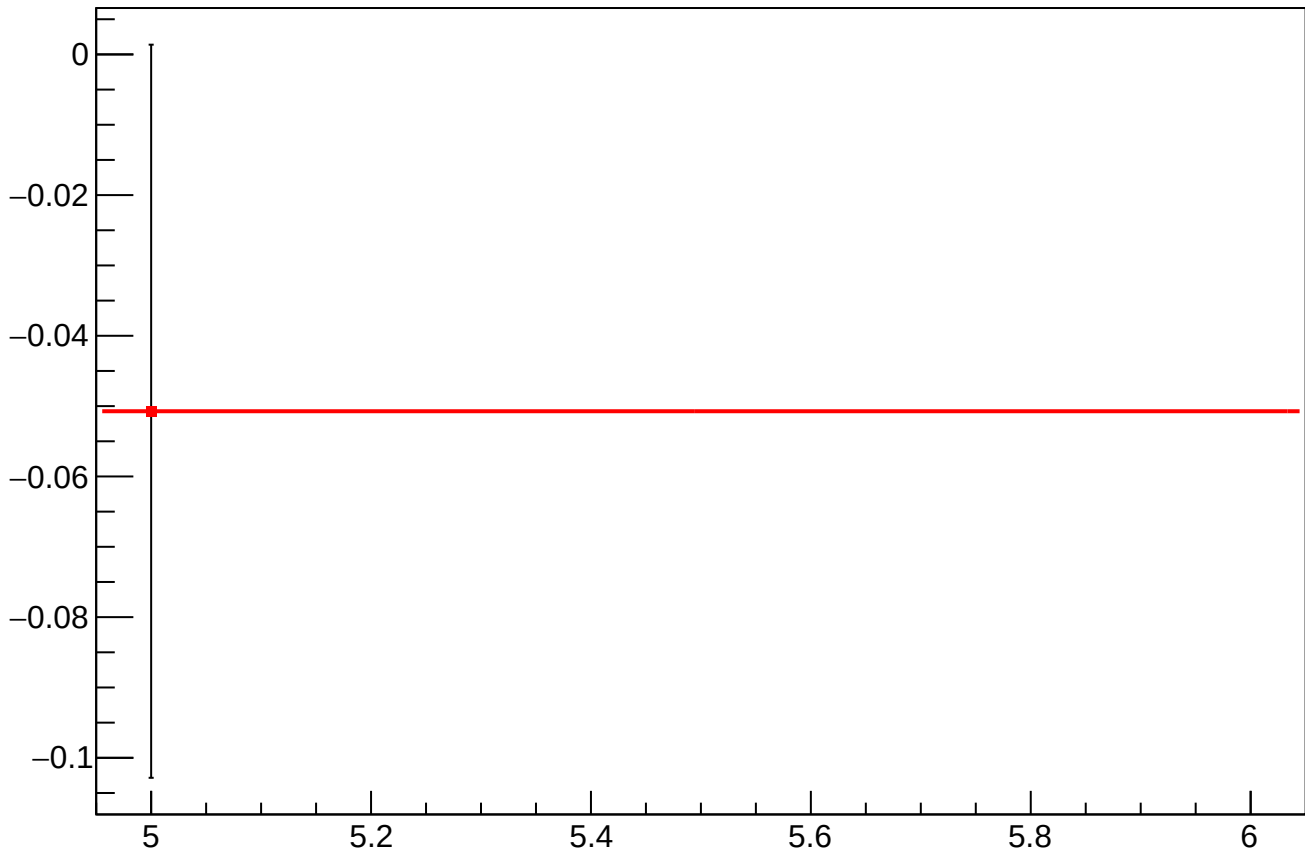
Right Out: -0.770+/-0.011 χ^2/NDF : 6234.5/13

Left In: -0.082+/-0.008 χ^2/NDF : 1020.1/16

-0.324+/-0.007 χ^2/NDF : 8304.3/30

-0.328+/-0.007 χ^2/NDF : 9648.0/30

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

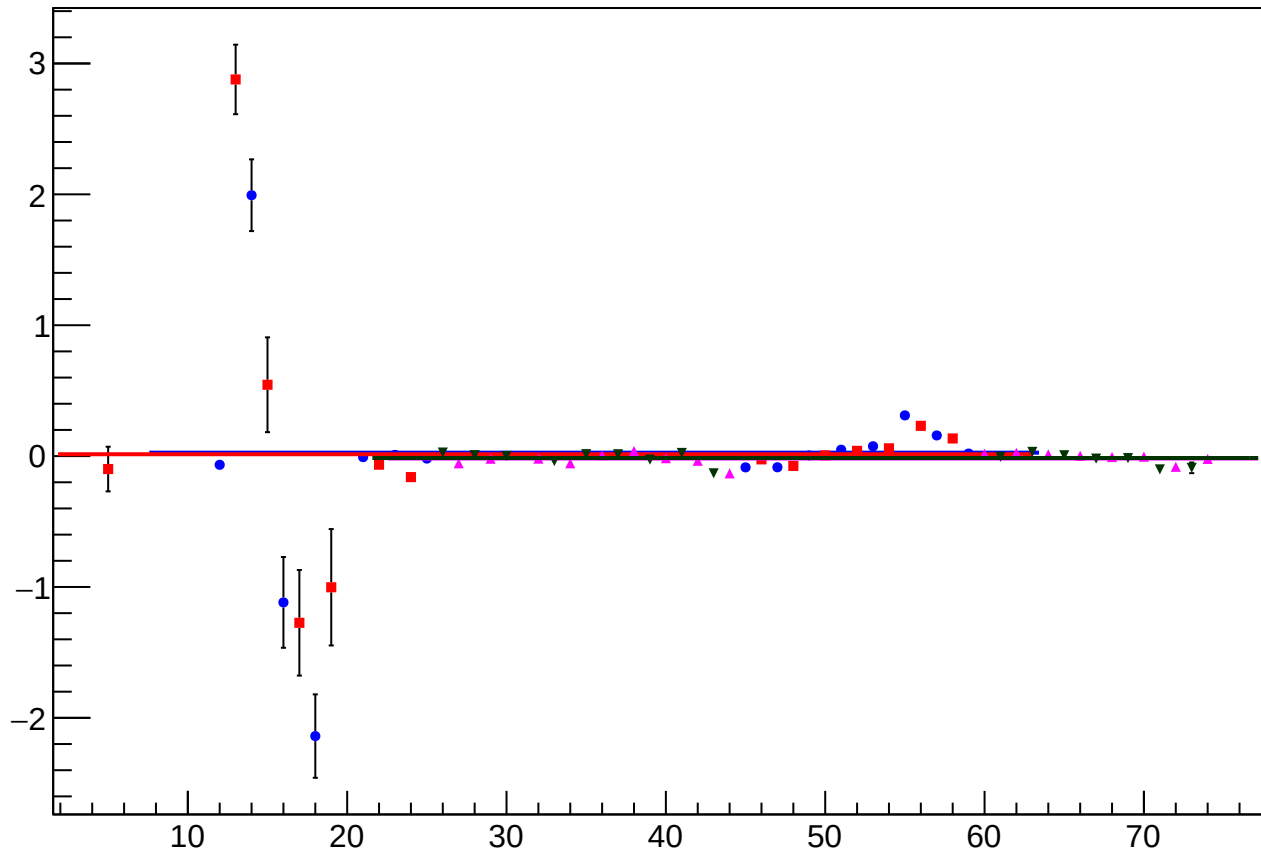
Right Out: -0.051+/-0.052 χ^2/NDF : 0.0/0

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

0.000+/-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 $\pm$ 0.006 χ^2 /NDF: 369.5/14

Left Out: -0.015 $\pm$ 0.005 χ^2 /NDF: 76.2/15

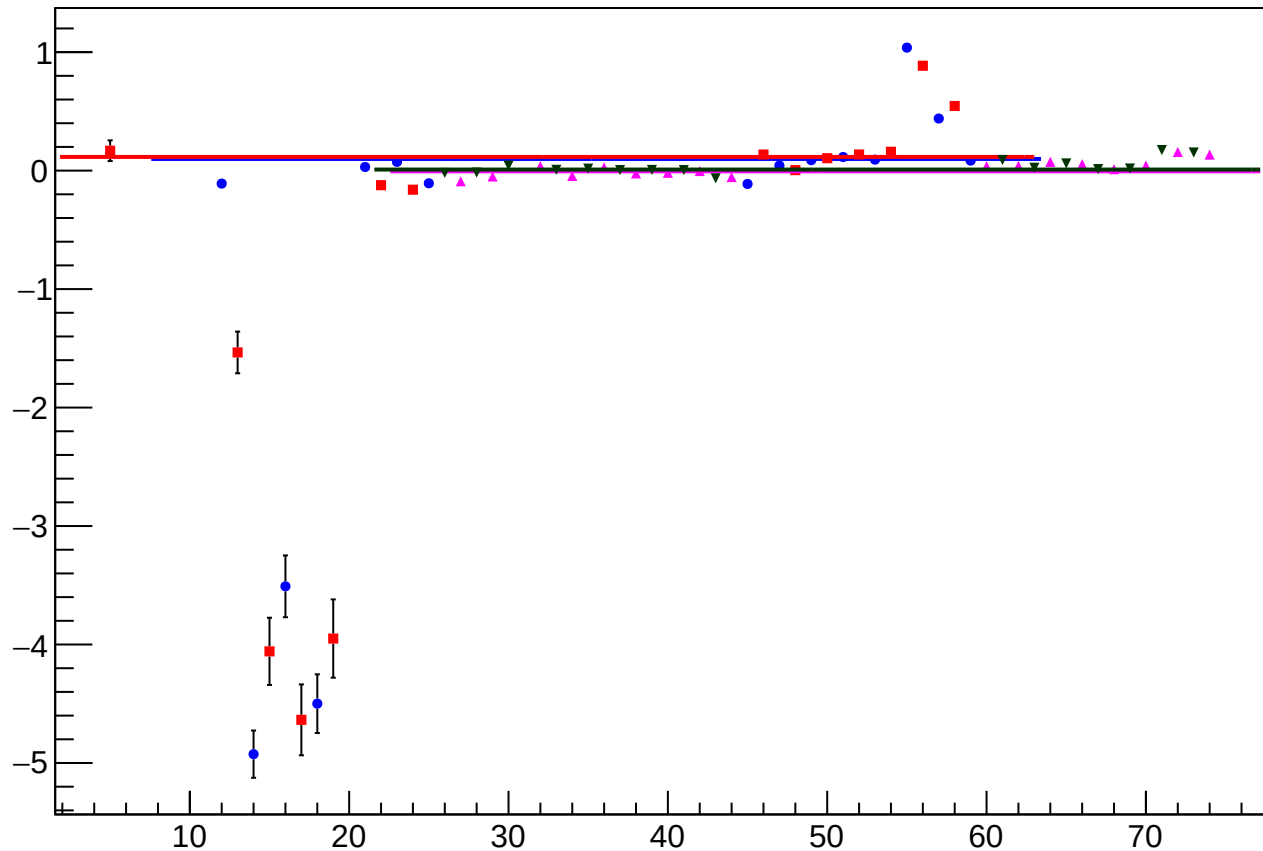
Right Out: 0.014 $\pm$ 0.007 χ^2 /NDF: 326.2/13

Left In: -0.019 $\pm$ 0.005 χ^2 /NDF: 70.1/16

0.003 $\pm$ 0.004 χ^2 /NDF: 473.8/30

-0.008 $\pm$ 0.004 χ^2 /NDF: 411.5/30

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

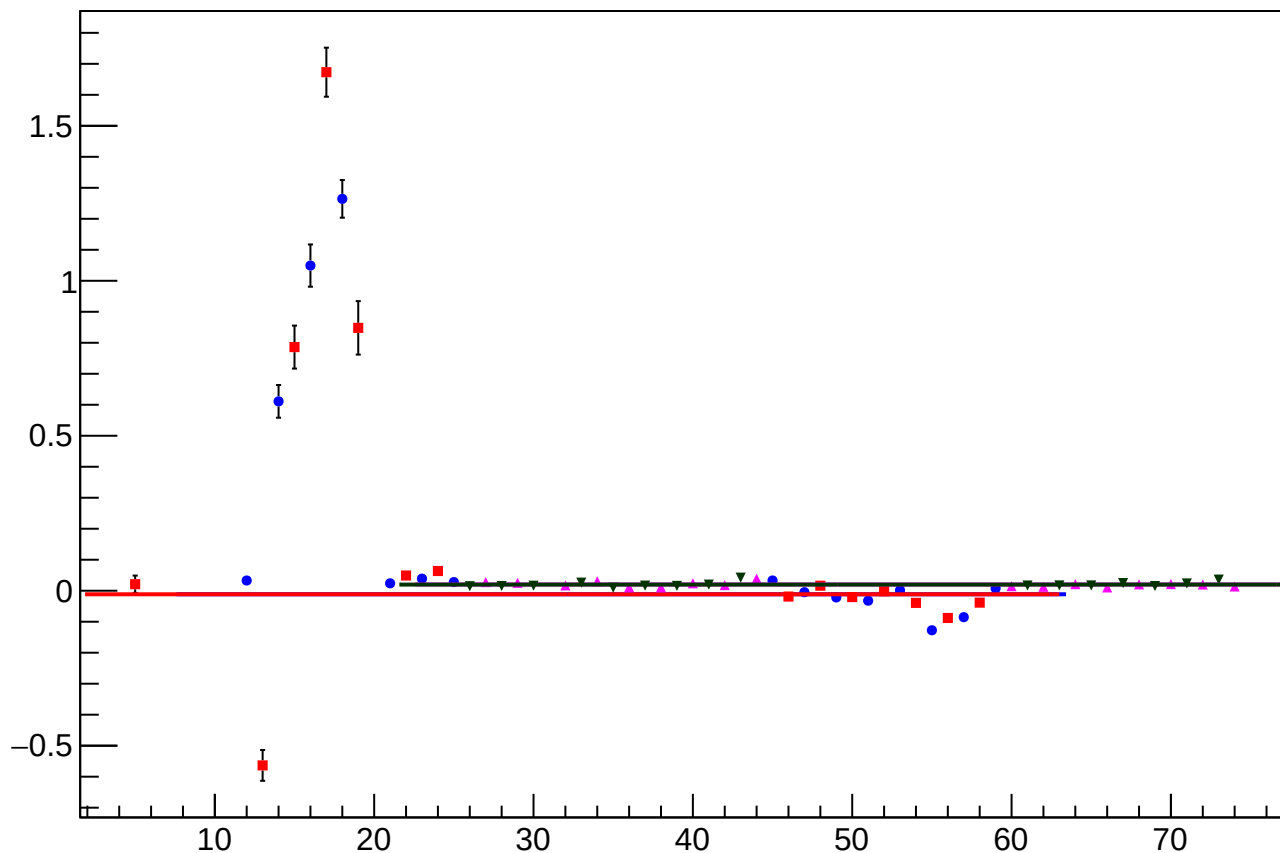
Right Out: 0.115 ± 0.005 χ^2/NDF : 2184.4/13

Left In: -0.006 ± 0.004 χ^2/NDF : 156.8/16

0.052 ± 0.003 χ^2/NDF : 3673.8/30

0.040 ± 0.003 χ^2/NDF : 2657.6/30

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

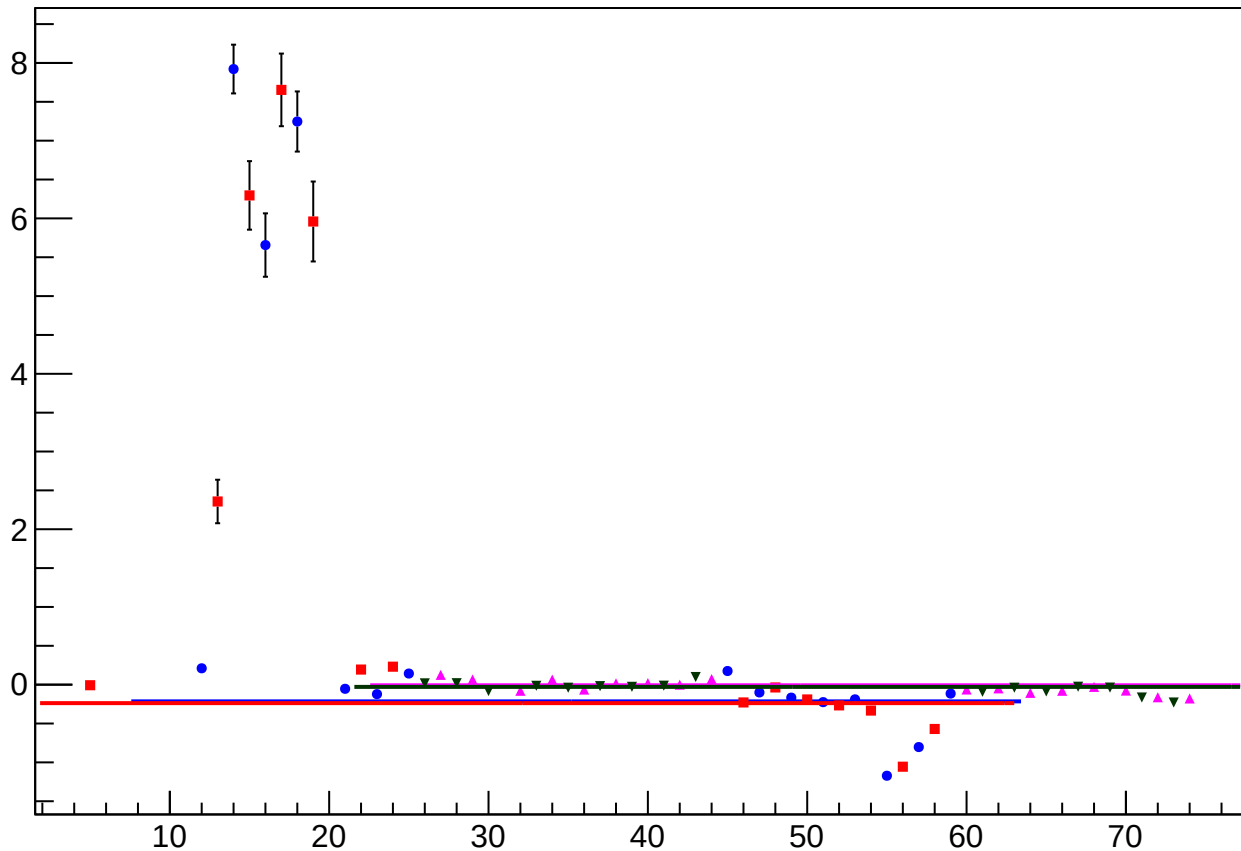
Right Out: -0.012 $\pm$ 0.001 χ^2/NDF : 1762.3/13

Left In: 0.020 $\pm$ 0.001 χ^2/NDF : 89.6/16

0.008 $\pm$ 0.001 χ^2/NDF : 3202.0/30

0.010 $\pm$ 0.001 χ^2/NDF : 2330.6/30

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.215 ± 0.007 χ^2/NDF : 3771.4/14

Left Out: -0.029 ± 0.007 χ^2/NDF : 71.3/15

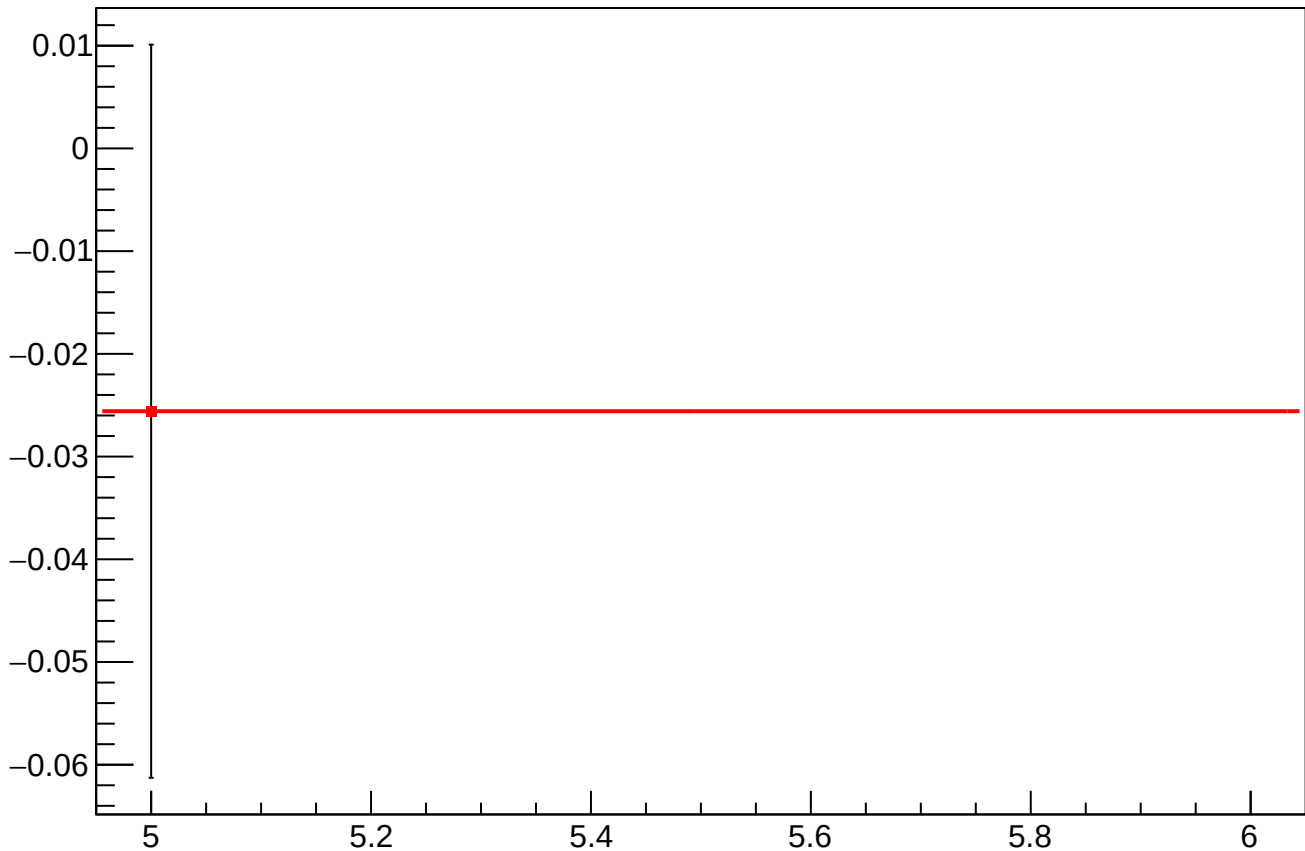
Right Out: -0.238 ± 0.008 χ^2/NDF : 2162.0/13

Left In: -0.008 ± 0.006 χ^2/NDF : 144.7/16

-0.119 ± 0.005 χ^2/NDF : 4192.8/30

-0.095 ± 0.005 χ^2/NDF : 2781.8/30

reg_bcm_dg_ds_ds_dd_diff_bpm12X_slope vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

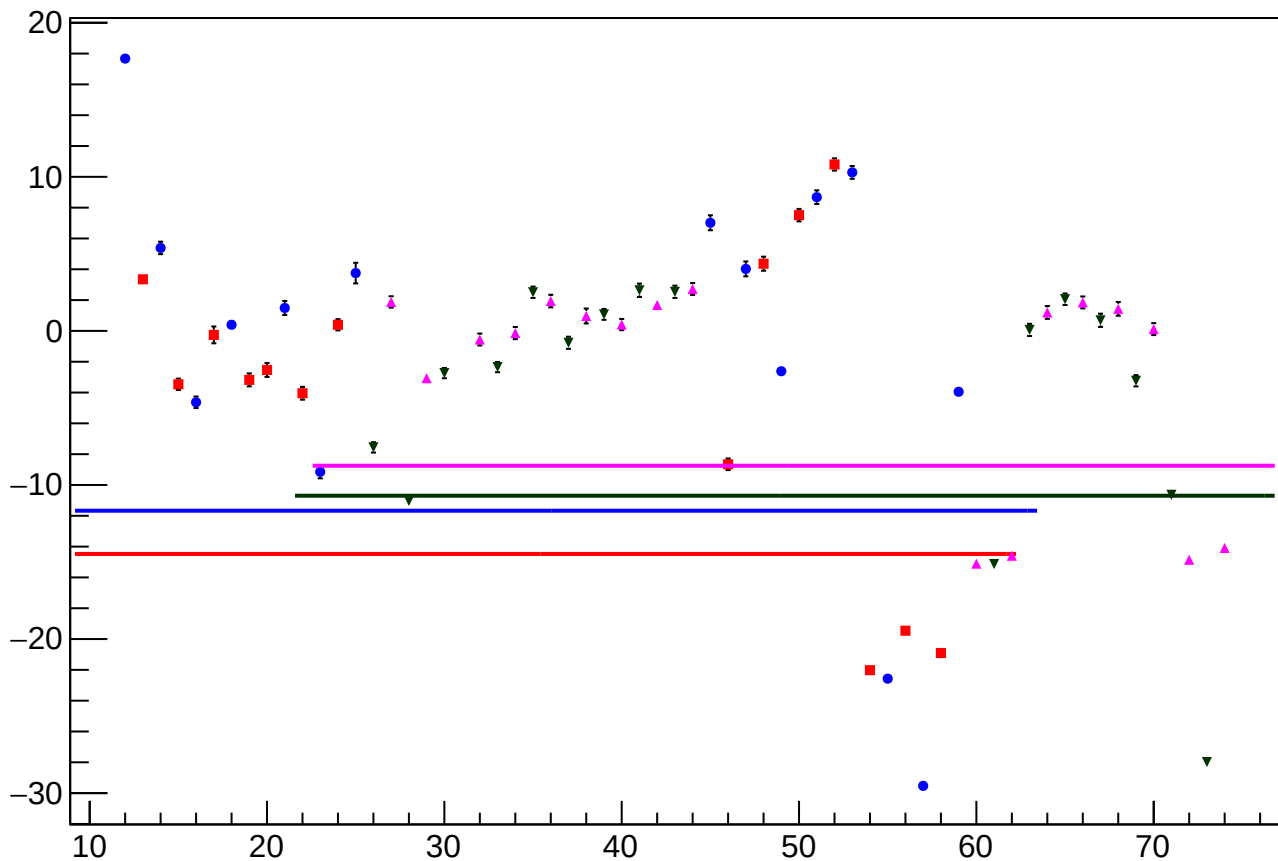
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.026+/-0.036 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.036 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 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

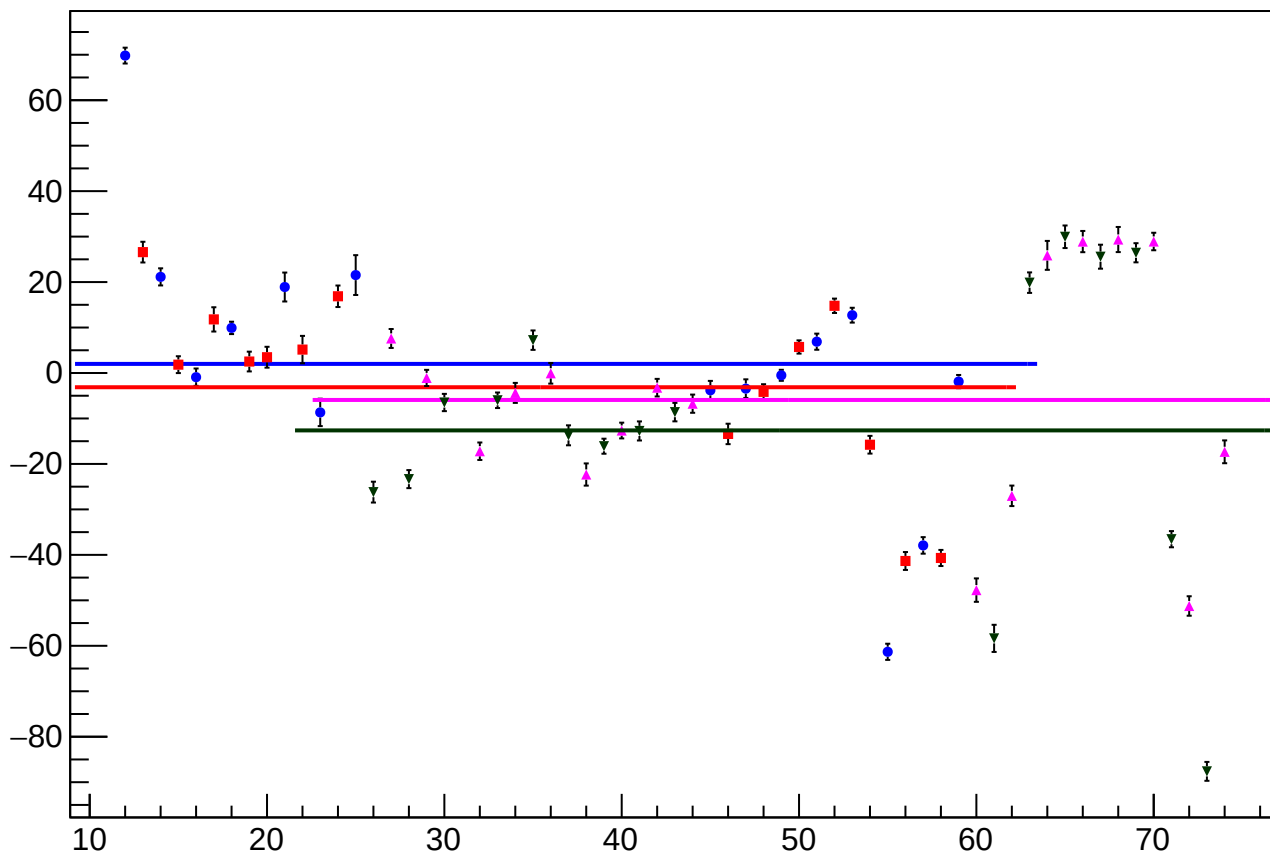
Right Out: -14.476 ± 0.064 χ^2/NDF : 23934.7/13

Left In: -8.751 ± 0.066 χ^2/NDF : 13400.9/16

-11.258 ± 0.041 χ^2/NDF : 87112.9/30

-11.688 ± 0.046 χ^2/NDF : 41228.4/30

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 2.001 ± 0.465 χ^2/NDF : 3542.2/14

Left Out: -12.625 ± 0.519 χ^2/NDF : 2960.1/15

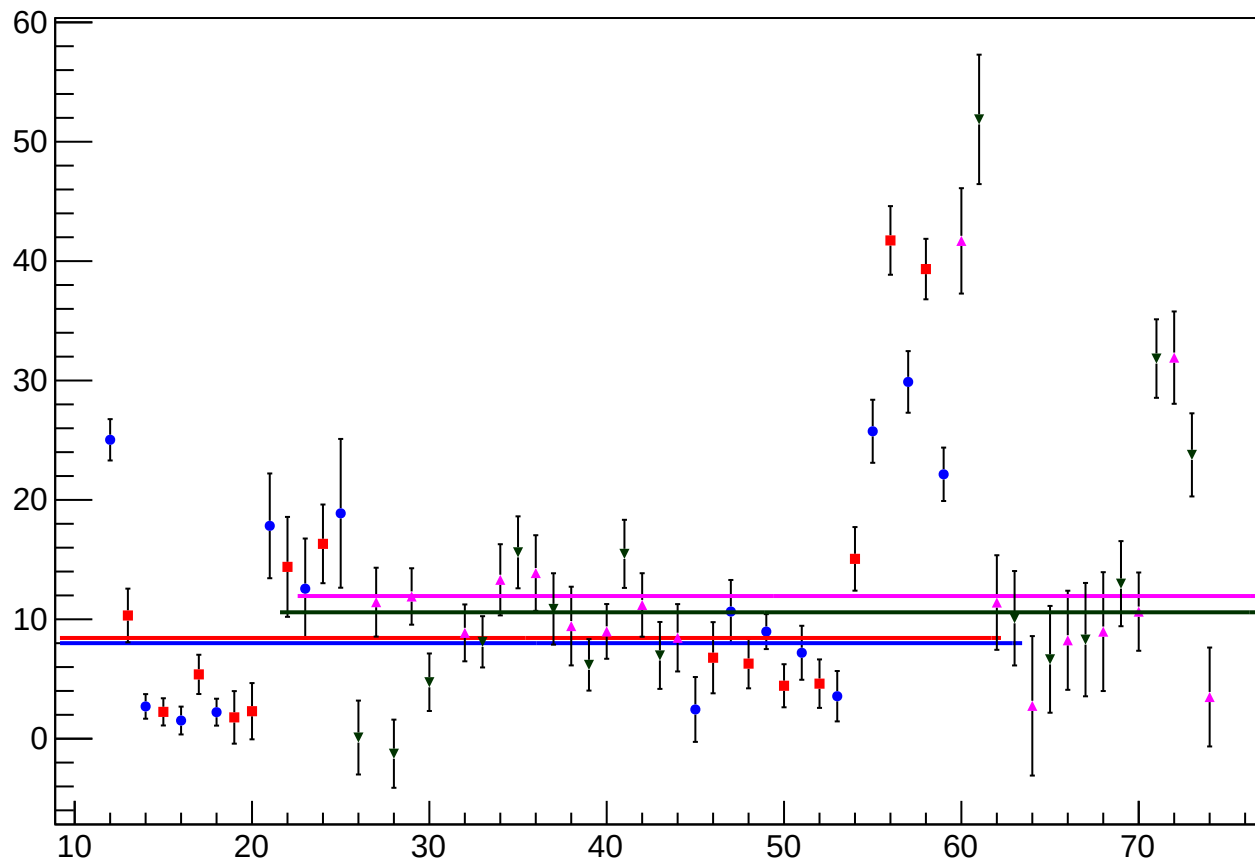
Right Out: -3.132 ± 0.529 χ^2/NDF : 1358.4/13

Left In: -5.928 ± 0.524 χ^2/NDF : 1786.6/16

-4.511 ± 0.346 χ^2/NDF : 6943.1/30

-4.543 ± 0.372 χ^2/NDF : 3159.1/30

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 8.003 ± 0.467 $\chi^2/\text{NDF}: 356.9/14$

Left Out: 10.587 ± 0.756 $\chi^2/\text{NDF}: 163.1/15$

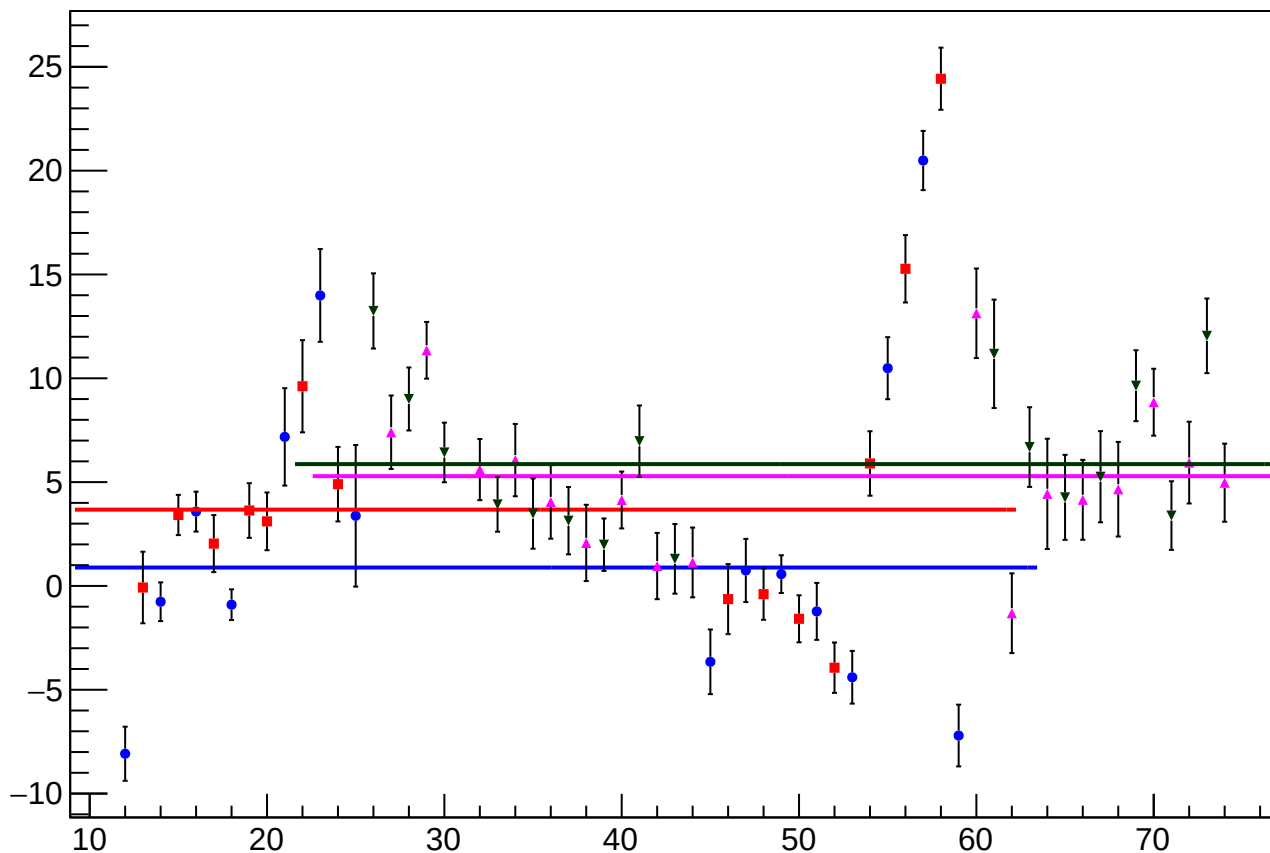
Right Out: 8.437 ± 0.560 $\chi^2/\text{NDF}: 356.4/13$

Left In: 11.949 ± 0.767 $\chi^2/\text{NDF}: 86.2/16$

8.716 ± 0.397 $\chi^2/\text{NDF}: 528.5/30$

9.658 ± 0.452 $\chi^2/\text{NDF}: 456.3/30$

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.886 ± 0.321 χ^2/NDF : 394.4/14

Left Out: 5.868 ± 0.417 χ^2/NDF : 69.2/15

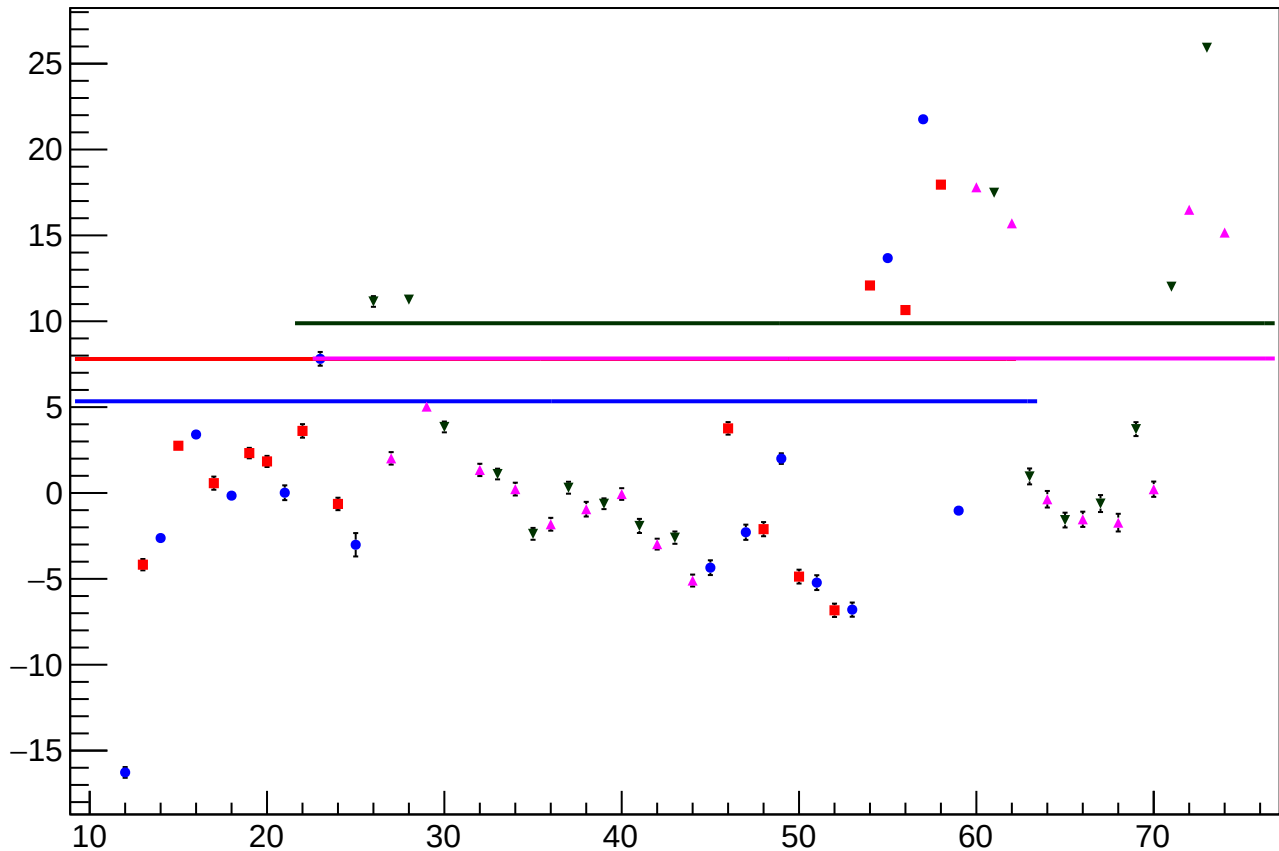
Right Out: 3.675 ± 0.371 χ^2/NDF : 338.0/13

Left In: 5.286 ± 0.424 χ^2/NDF : 69.7/16

2.735 ± 0.254 χ^2/NDF : 553.2/30

4.374 ± 0.279 χ^2/NDF : 415.9/30

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 5.340 $\pm$ 0.065 χ^2 /NDF: 24839.2/14

Left Out: 9.884 $\pm$ 0.070 χ^2 /NDF:17603.1/15

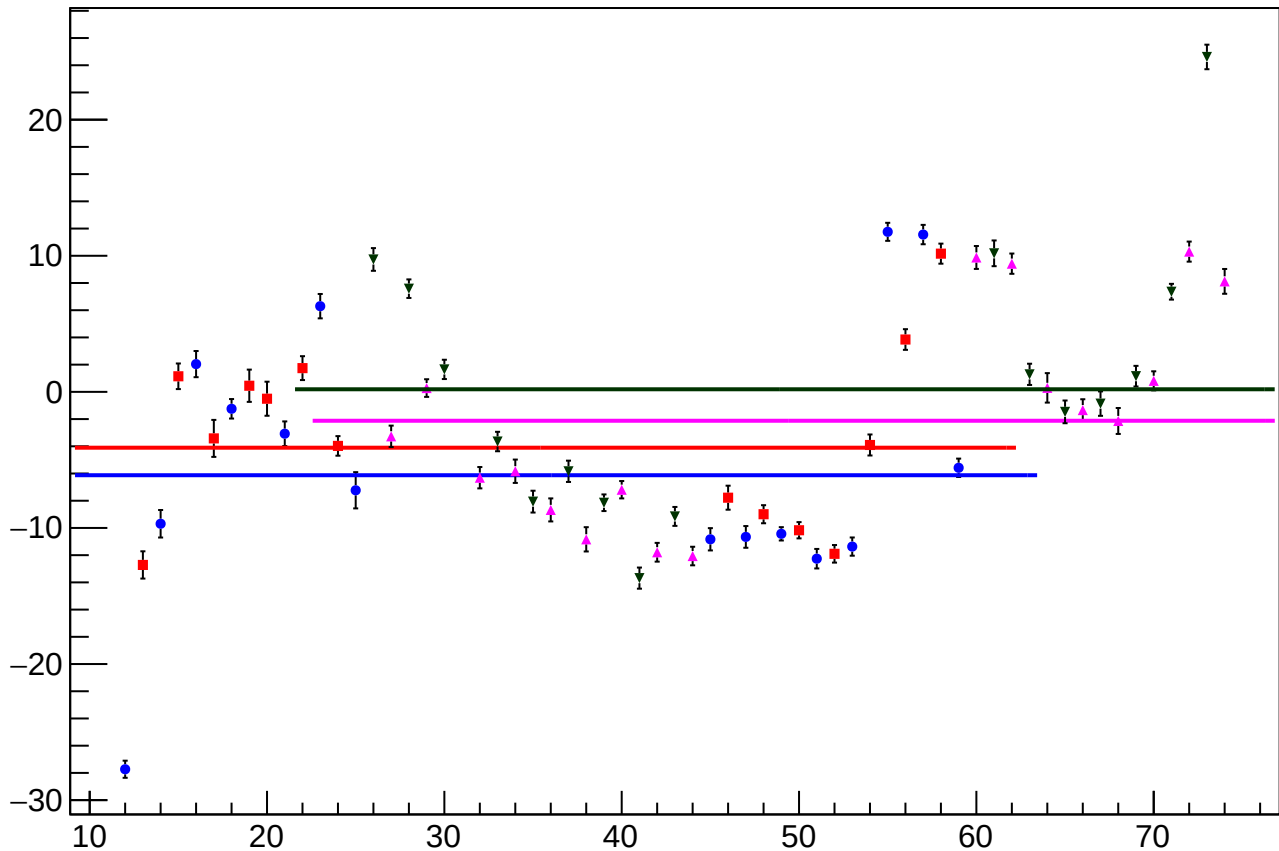
Right Out: 7.803 $\pm$ 0.070 χ^2 /NDF: 12443.6/13

Left In: 7.832 $\pm$ 0.075 χ^2 /NDF:13202.3/16

7.441 $\pm$ 0.048 χ^2 /NDF: 44714.6/30

7.816 $\pm$ 0.051 χ^2 /NDF: 25646.0/30

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

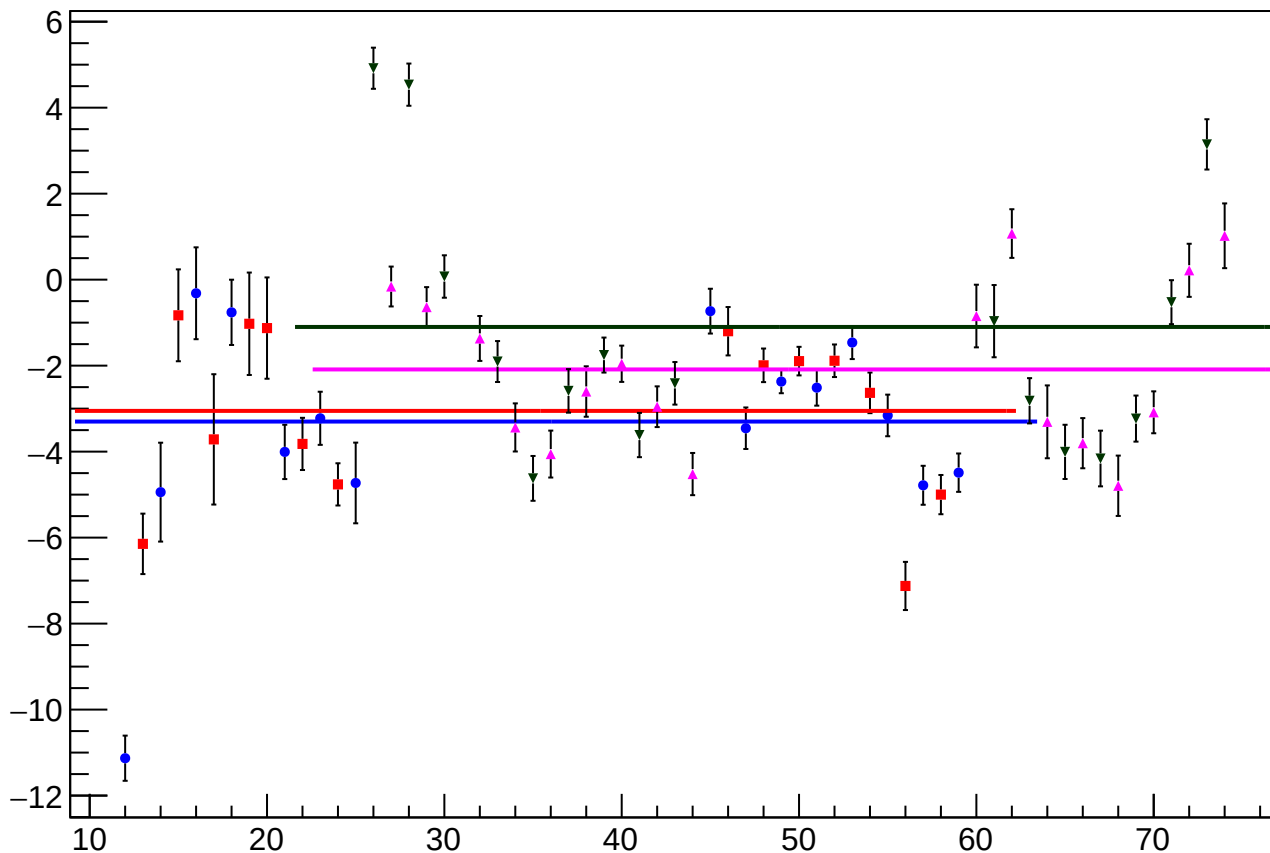
Right Out: -4.103+/-0.217 χ^2/NDF : 977.6/13

Left In: -2.123+/-0.188 χ^2/NDF : 1568.2/16

-2.907+/-0.134 χ^2/NDF : 5838.1/30

-2.975+/-0.142 χ^2/NDF : 2593.4/30

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -3.301 ± 0.128 $\chi^2/\text{NDF}: 327.1/14$

Left Out: -1.100 ± 0.131 $\chi^2/\text{NDF}: 510.3/15$

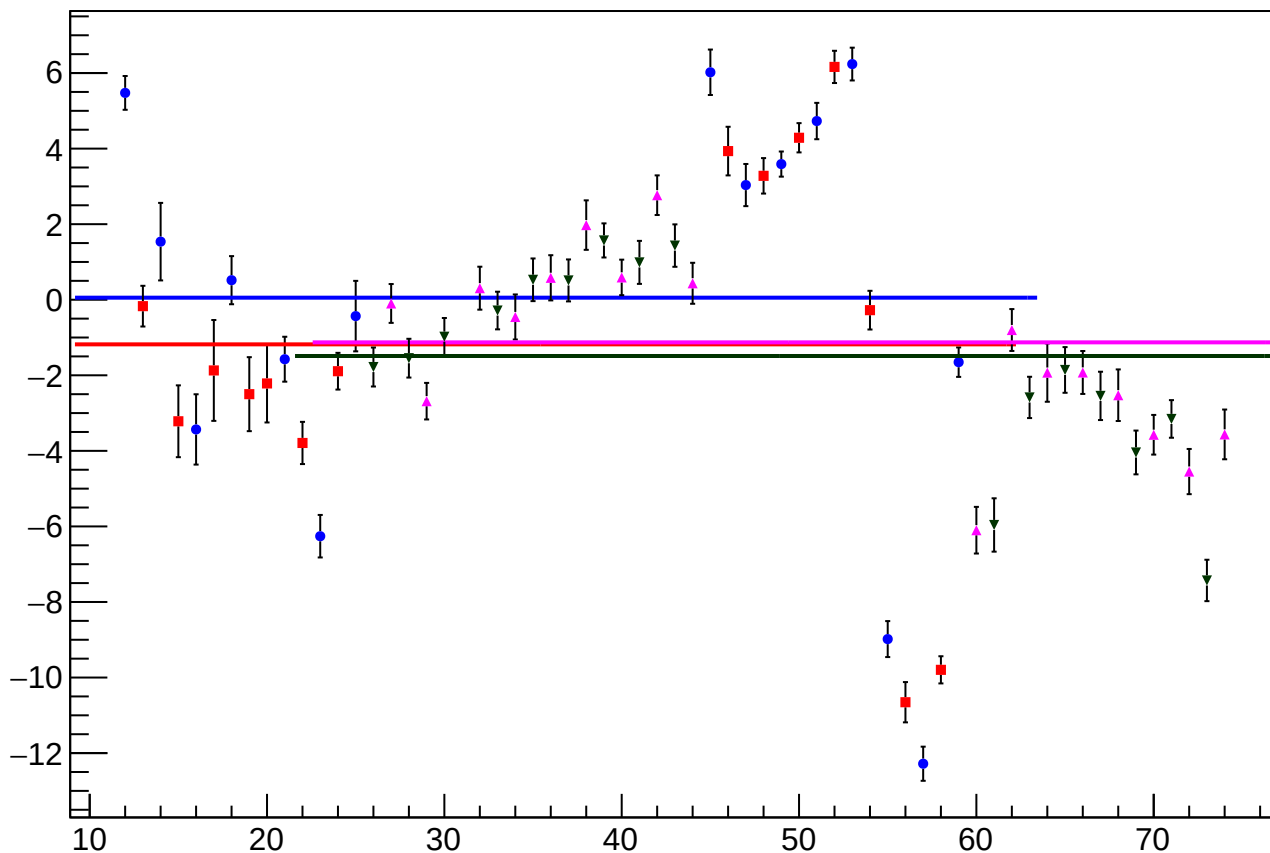
Right Out: -3.053 ± 0.142 $\chi^2/\text{NDF}: 154.8/13$

Left In: -2.088 ± 0.133 $\chi^2/\text{NDF}: 171.4/16$

-2.226 ± 0.091 $\chi^2/\text{NDF}: 982.7/30$

-2.540 ± 0.097 $\chi^2/\text{NDF}: 350.8/30$

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

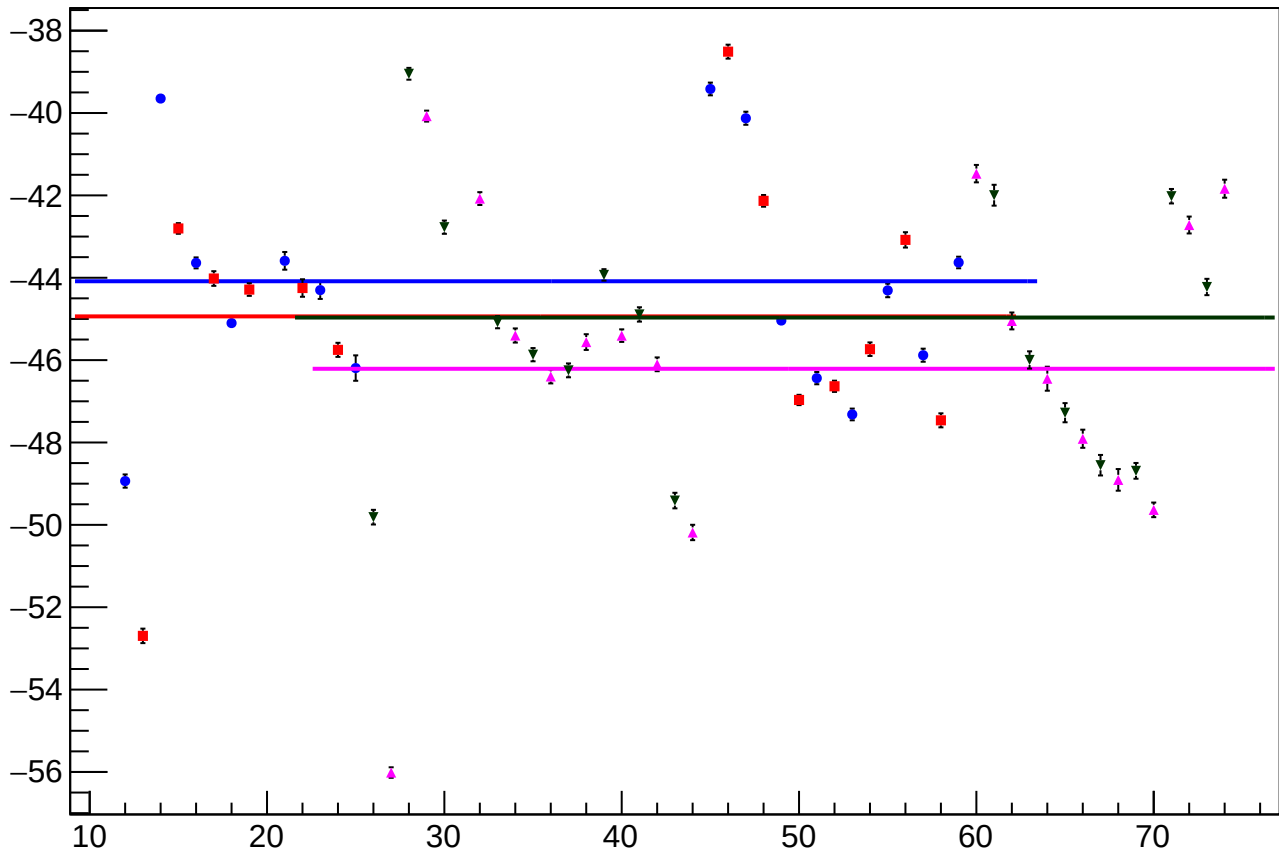
Right Out: -1.181+/-0.143 χ^2/NDF : 1577.1/13

Left In: -1.128+/-0.138 χ^2/NDF : 269.9/16

-0.695+/-0.095 χ^2/NDF : 2346.1/30

-1.154+/-0.100 χ^2/NDF : 1847.1/30

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 $\chi^2/\text{NDF}: 4467.3/15$

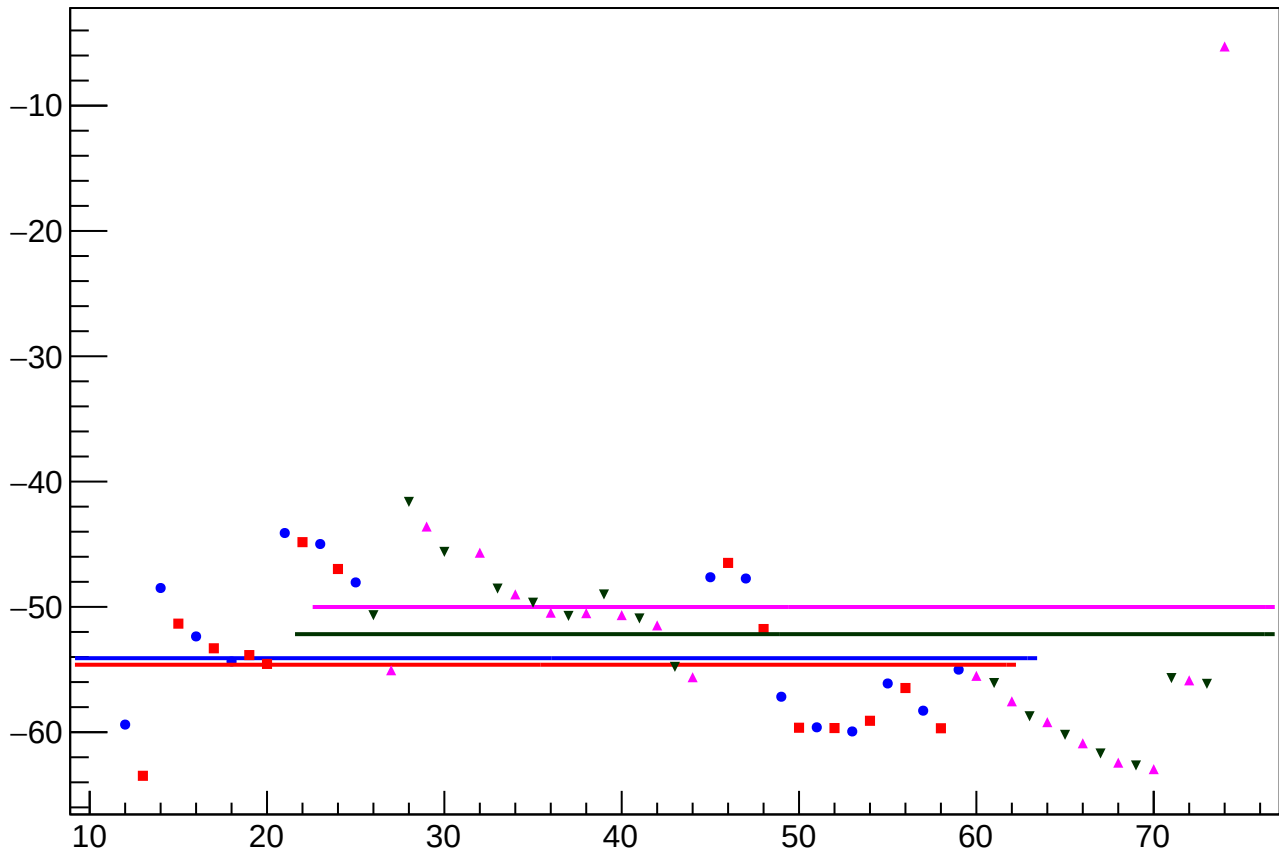
Right Out: -44.938 ± 0.044 $\chi^2/\text{NDF}: 4883.4/12$

Left In: -46.210 ± 0.043 $\chi^2/\text{NDF}: 11013.6/16$

-44.456 ± 0.029 $\chi^2/\text{NDF}: 9704.8/30$

-45.578 ± 0.031 $\chi^2/\text{NDF}: 16324.9/29$

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -54.094 ± 0.035 χ^2/NDF : 21072.8/14

Left Out: -52.176 ± 0.036 χ^2/NDF : 25760.8/15

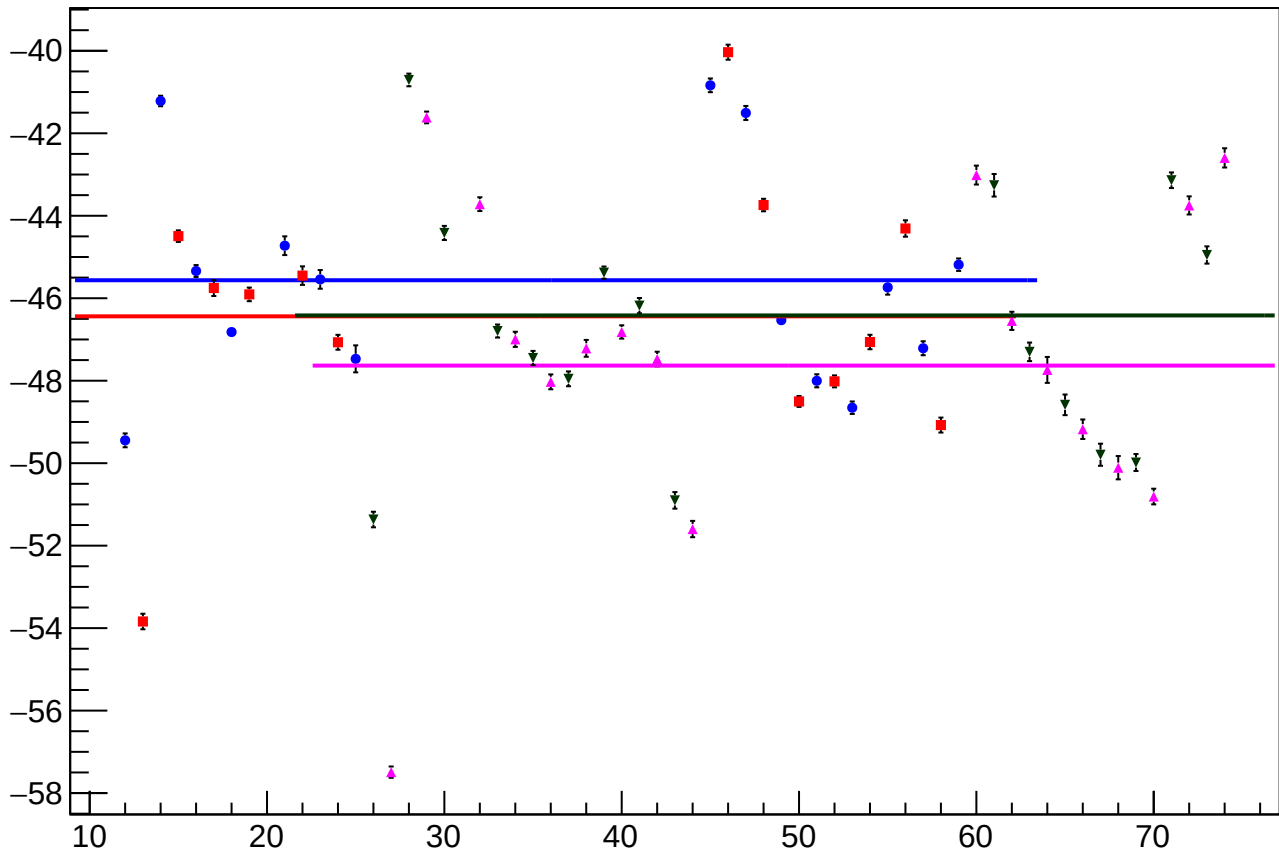
Right Out: -54.616 ± 0.040 χ^2/NDF : 19196.9/13

Left In: -50.009 ± 0.036 χ^2/NDF : 129968.8/16

-53.153 ± 0.025 χ^2/NDF : 48315.6/30

-52.048 ± 0.027 χ^2/NDF : 156540.8/30

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.564 ± 0.040 χ^2/NDF : 4064.0/14

Left Out: -46.439 ± 0.047 χ^2/NDF : 3900.4/15

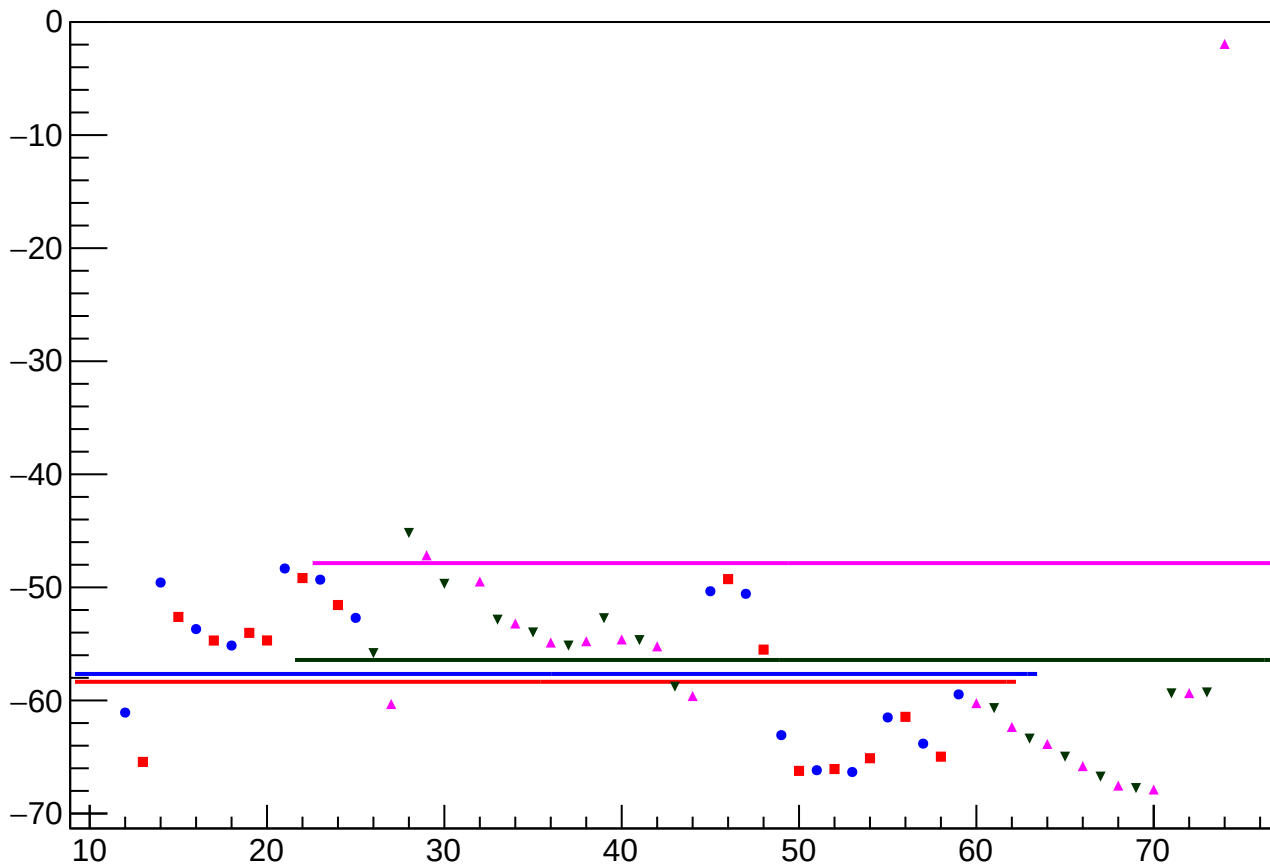
-45.923 ± 0.031 χ^2/NDF : 8152.5/30

Right Out: -46.439 ± 0.047 χ^2/NDF : 4033.5/12

-47.040 ± 0.033 χ^2/NDF : 13937.1/29

Left In: -47.633 ± 0.046 χ^2/NDF : 9574.0/16

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -57.657 ± 0.033 $\chi^2/\text{NDF}: 34876.1/14$

Left Out: -56.420 ± 0.033 $\chi^2/\text{NDF}: 33320.5/15$

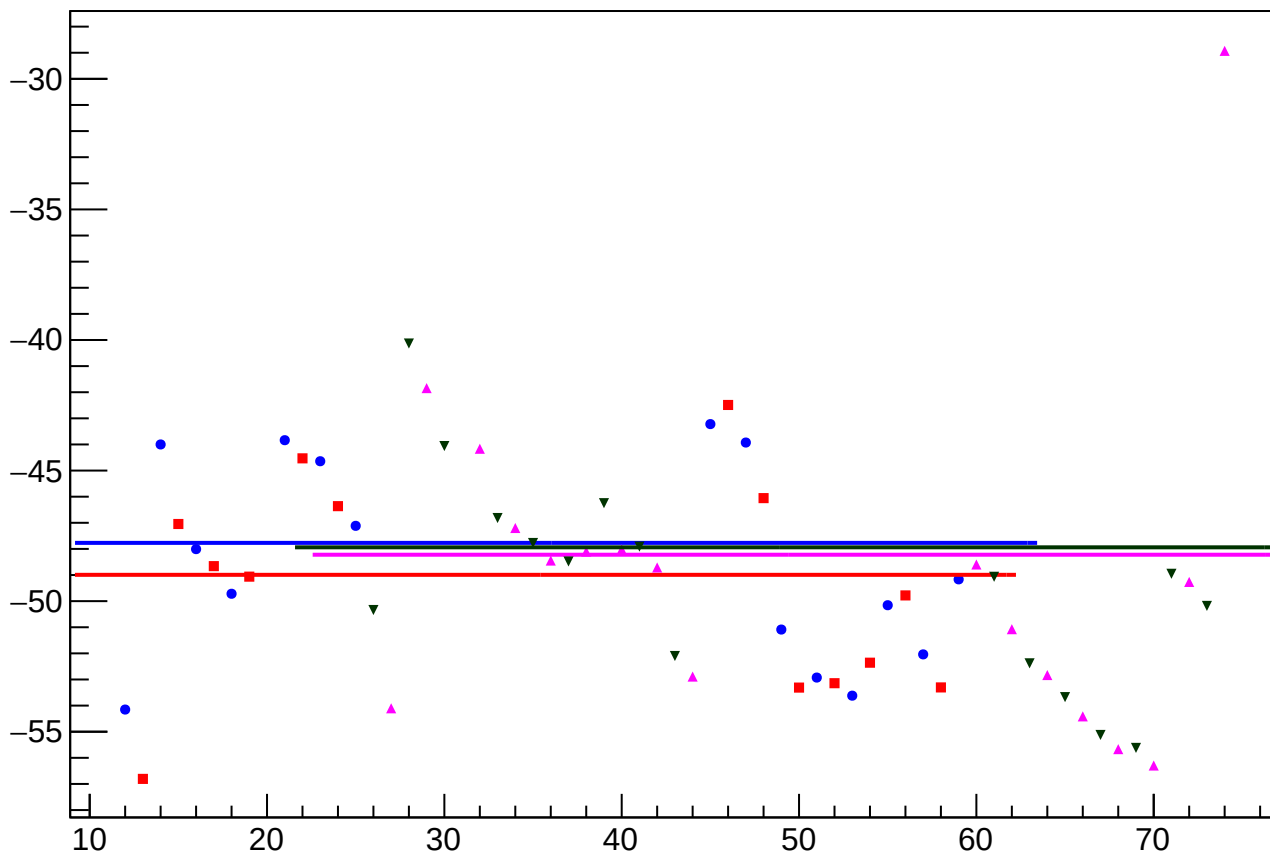
Right Out: -58.351 ± 0.038 $\chi^2/\text{NDF}: 29763.5/13$

Left In: -47.854 ± 0.031 $\chi^2/\text{NDF}: 481428.2/16$

-57.032 ± 0.023 $\chi^2/\text{NDF}: 68891.1/30$

-52.015 ± 0.024 $\chi^2/\text{NDF}: 556537.7/30$

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 $\chi^2/\text{NDF}: 45371.9/15$

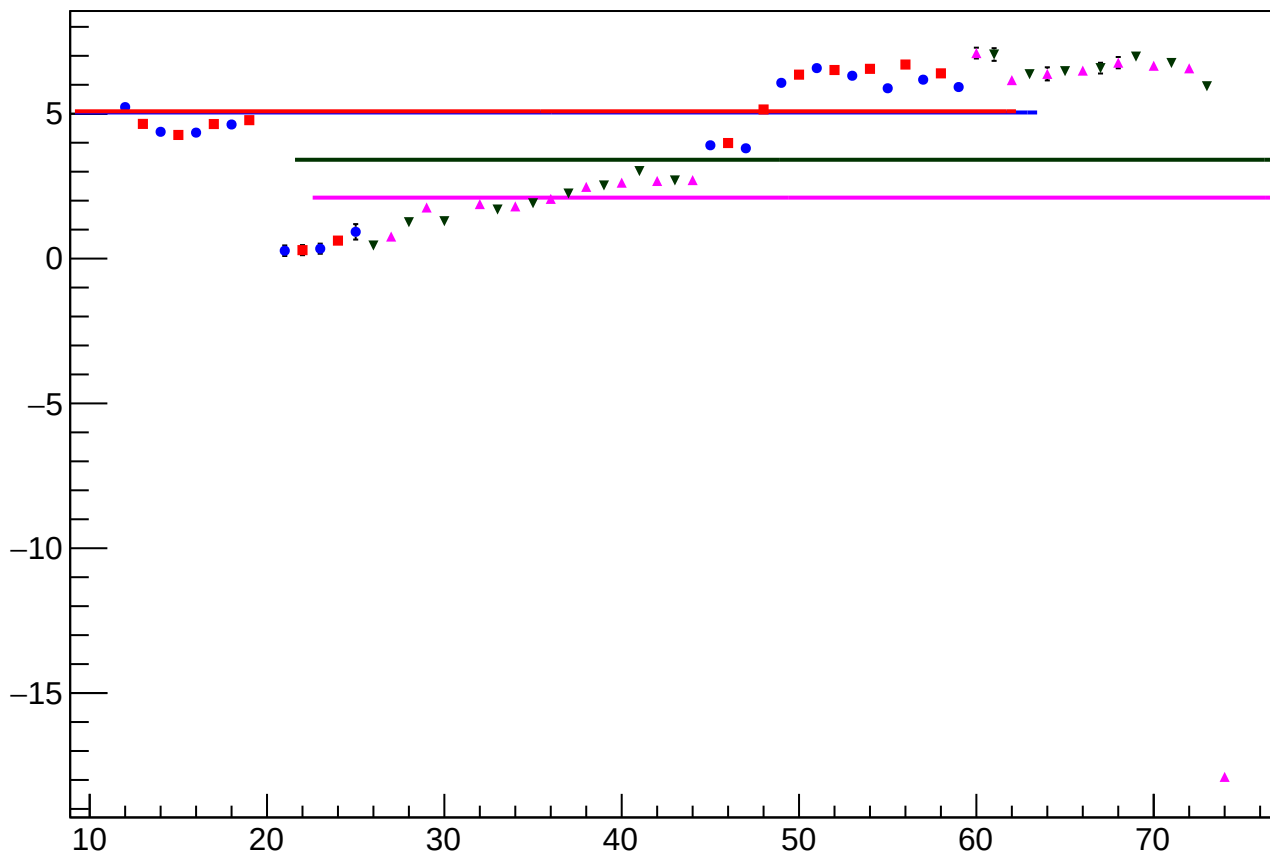
Right Out: -48.992 ± 0.022 $\chi^2/\text{NDF}: 36136.2/12$

Left In: -48.223 ± 0.019 $\chi^2/\text{NDF}: 74233.5/16$

-47.849 ± 0.014 $\chi^2/\text{NDF}: 84836.5/30$

-48.564 ± 0.015 $\chi^2/\text{NDF}: 111063.8/29$

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

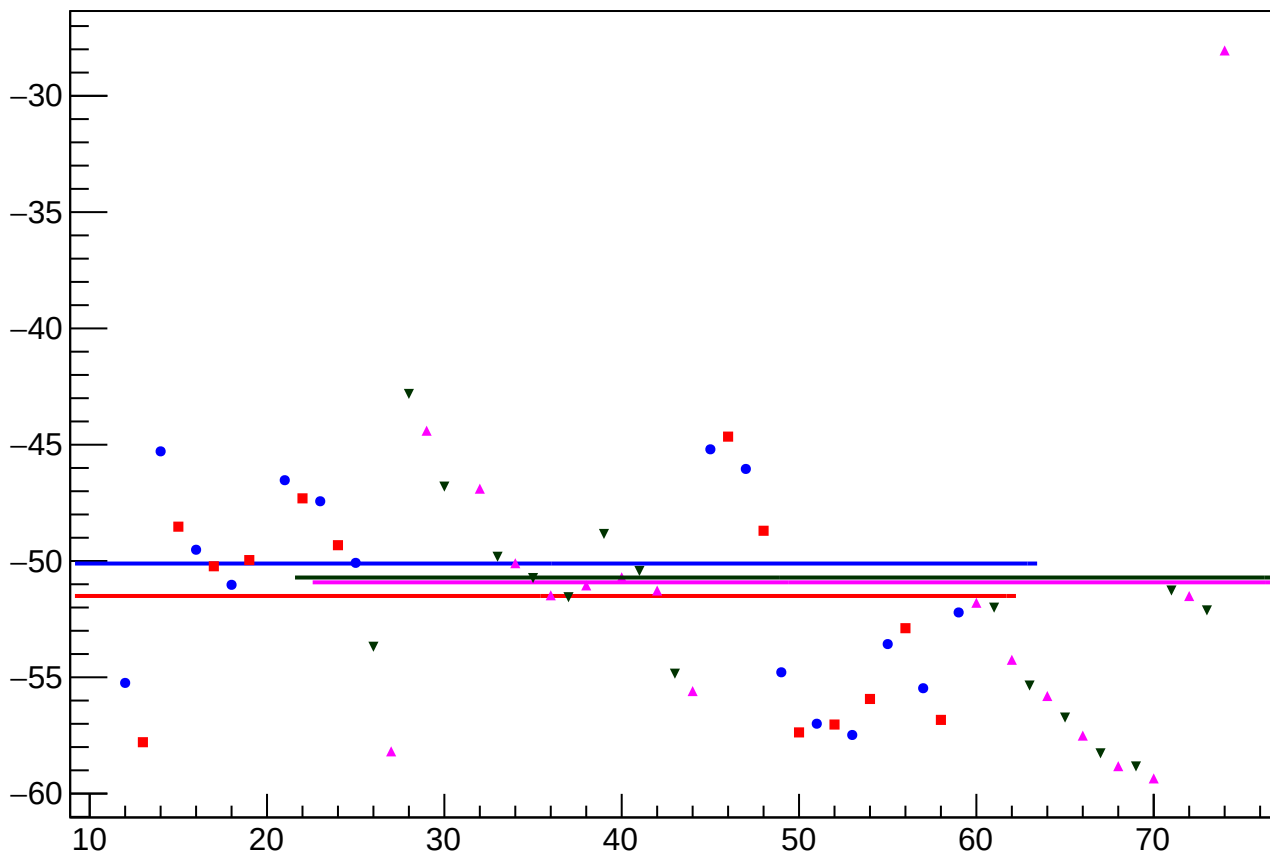
Right Out: 5.085+/-0.035 χ^2/NDF : 2634.6/12

Left In: 2.104+/-0.035 χ^2/NDF : 26907.1/16

4.338+/-0.023 χ^2/NDF : 8133.8/30

3.564+/-0.025 χ^2/NDF : 33160.5/29

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 $\chi^2/\text{NDF}: 37789.8/15$

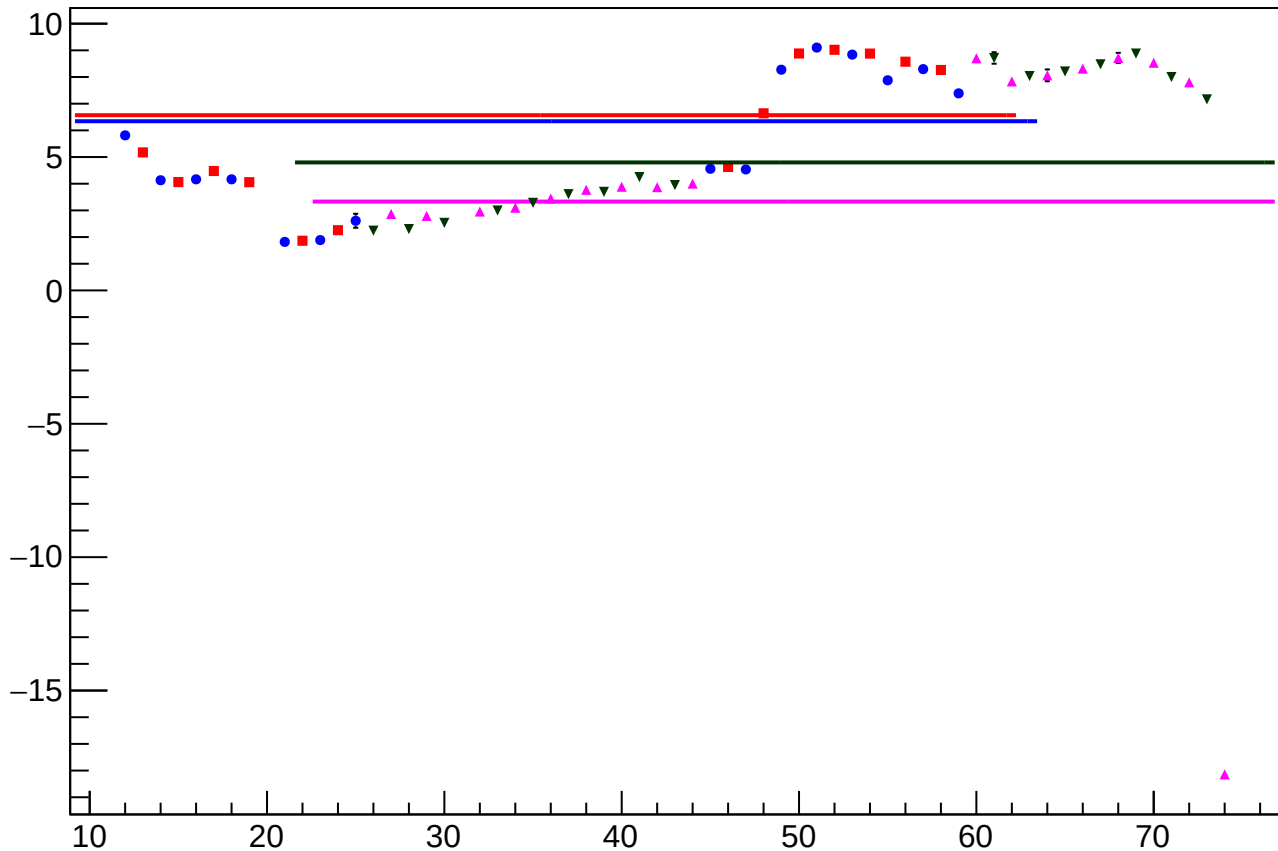
Right Out: -51.504 ± 0.023 $\chi^2/\text{NDF}: 34330.2/12$

Left In: -50.917 ± 0.022 $\chi^2/\text{NDF}: 81716.1/16$

-50.380 ± 0.015 $\chi^2/\text{NDF}: 81787.5/30$

-51.187 ± 0.016 $\chi^2/\text{NDF}: 116384.6/29$

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

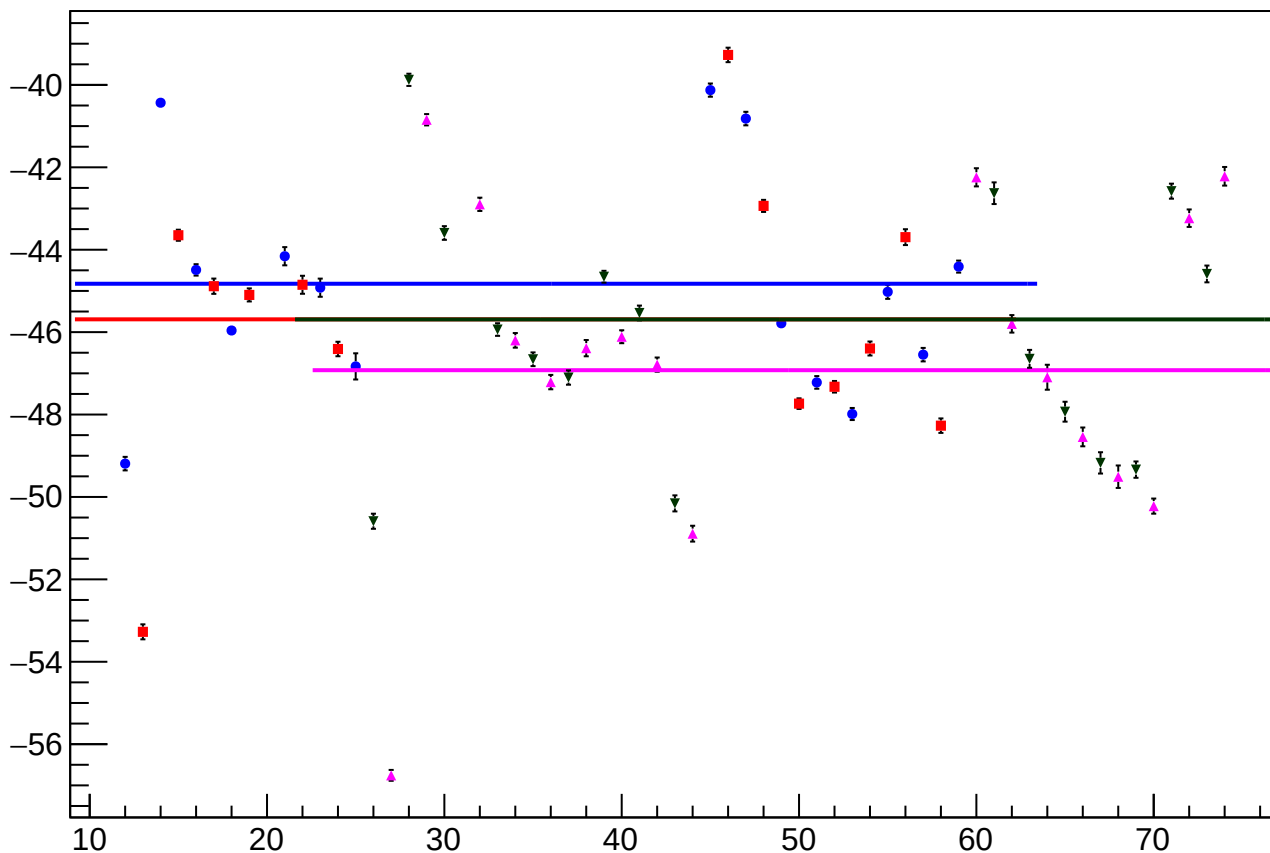
Right Out: 6.569 ± 0.035 χ^2/NDF : 4866.7/12

Left In: 3.330 ± 0.034 χ^2/NDF : 34338.7/16

5.668 ± 0.022 χ^2/NDF : 11781.3/30

4.901 ± 0.024 χ^2/NDF : 43635.3/29

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.826 ± 0.039 χ^2/NDF : 4508.4/14

Left Out: -45.691 ± 0.046 χ^2/NDF : 4168.6/15

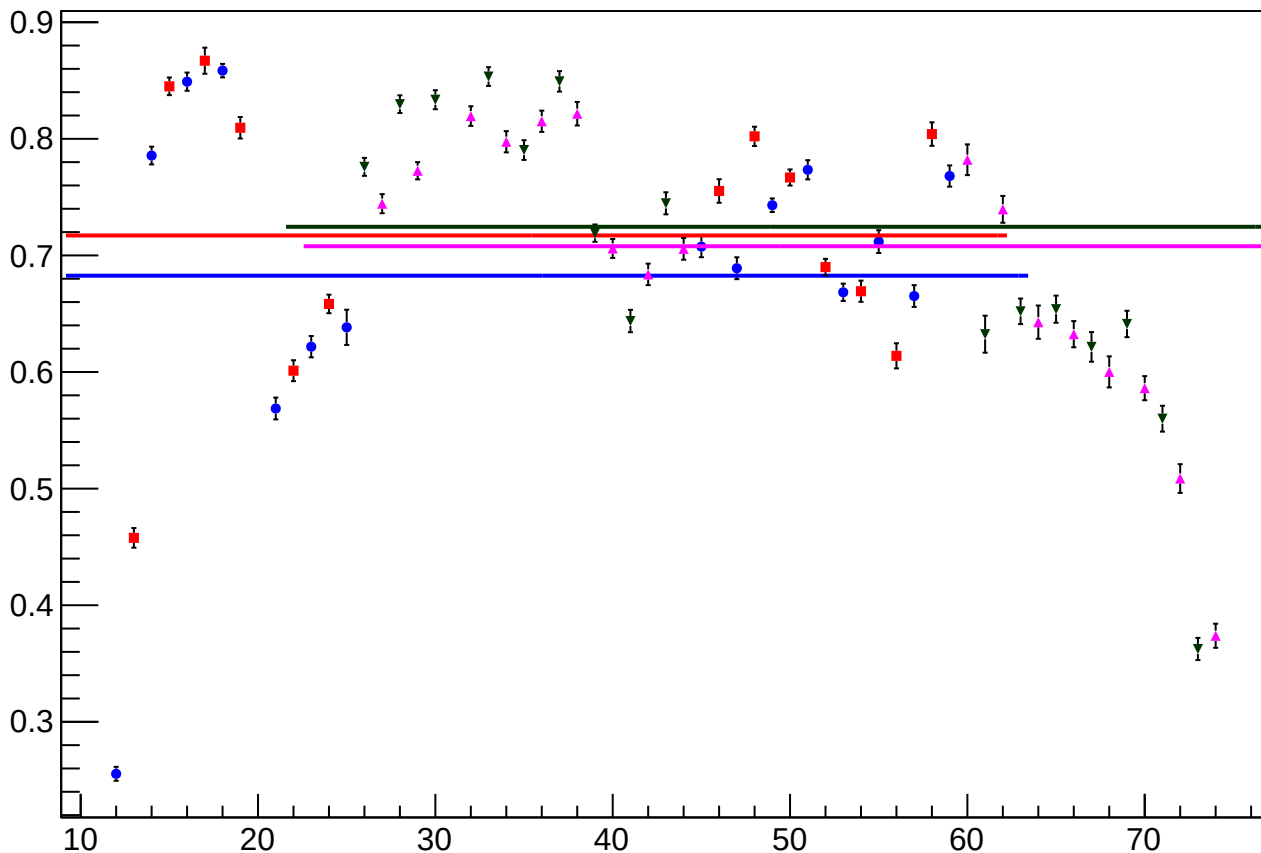
Right Out: -45.689 ± 0.045 χ^2/NDF : 4439.6/12

Left In: -46.924 ± 0.045 χ^2/NDF : 10278.2/16

-45.190 ± 0.030 χ^2/NDF : 8883.7/30

-46.310 ± 0.032 χ^2/NDF : 15094.5/29

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.683 ± 0.002 χ^2/NDF : 7164.8/14

Left Out: 0.725 ± 0.002 χ^2/NDF : 2917.1/15

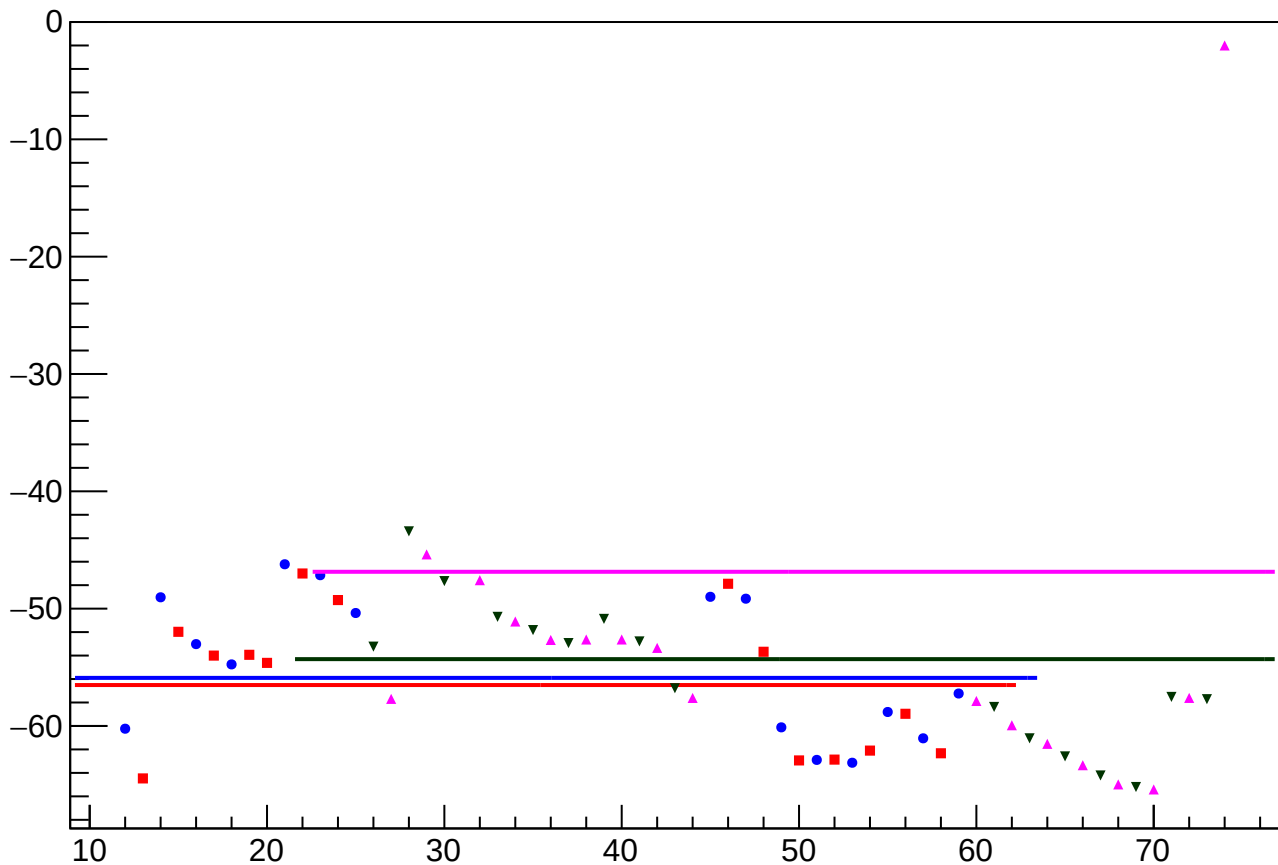
Right Out: 0.717 ± 0.002 χ^2/NDF : 2116.2/12

Left In: 0.708 ± 0.002 χ^2/NDF : 2259.1/16

0.701 ± 0.002 χ^2/NDF : 10265.0/30

0.712 ± 0.002 χ^2/NDF : 4382.9/29

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -55.901 ± 0.034 $\chi^2/\text{NDF}: 27005.9/14$

Left Out: -54.304 ± 0.034 $\chi^2/\text{NDF}: 29401.9/15$

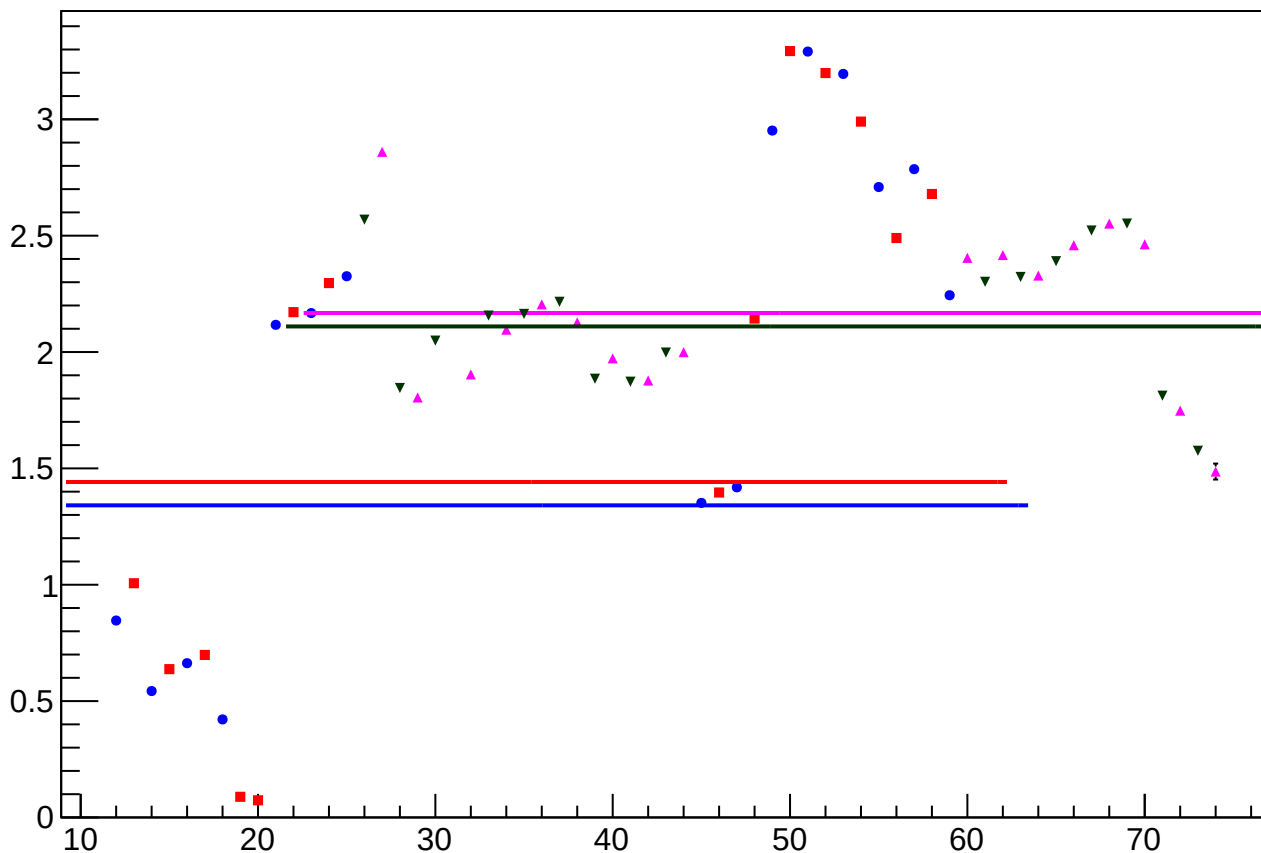
Right Out: -56.512 ± 0.039 $\chi^2/\text{NDF}: 23727.4/13$

Left In: -46.859 ± 0.032 $\chi^2/\text{NDF}: 380836.5/16$

-55.106 ± 0.024 $\chi^2/\text{NDF}: 57504.4/30$

-50.801 ± 0.025 $\chi^2/\text{NDF}: 440645.9/30$

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

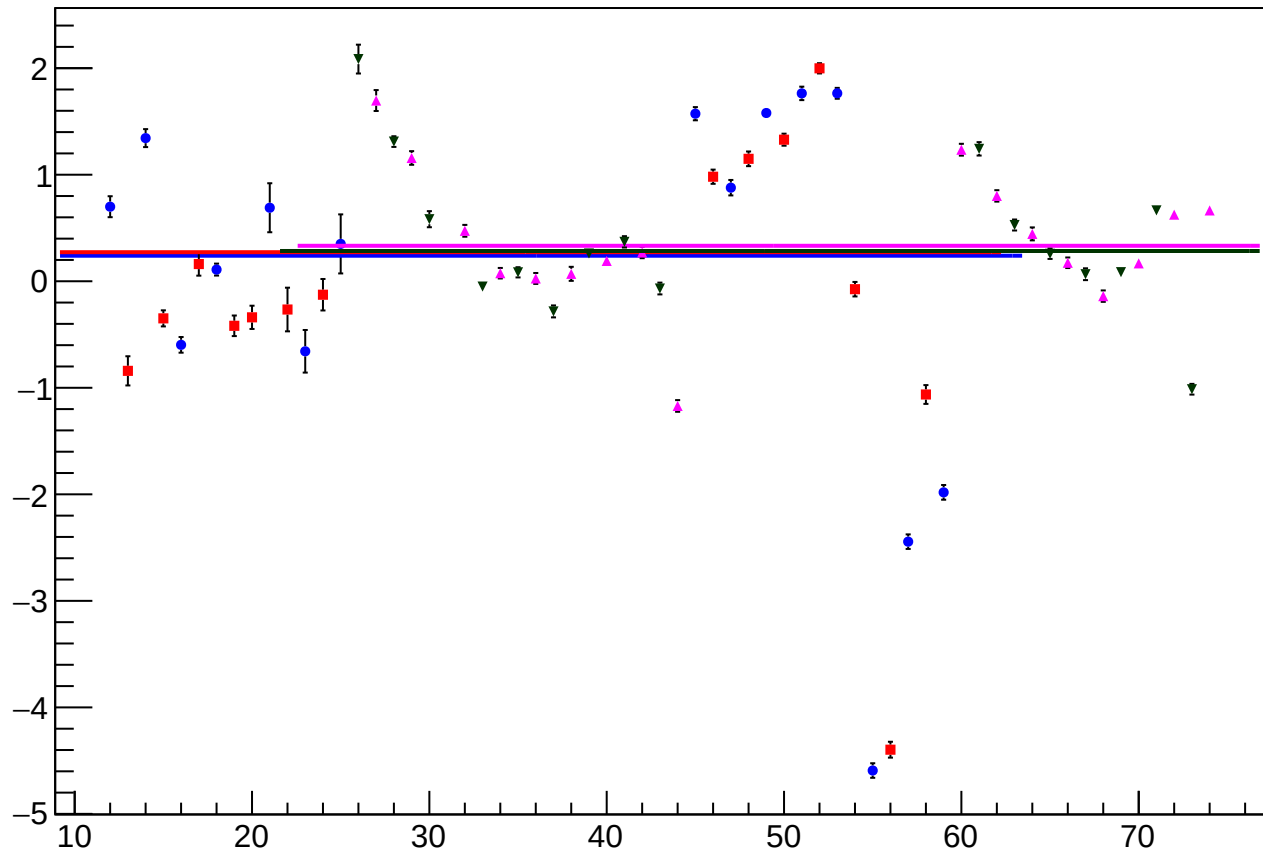
Right Out: 1.442+/-0.003 χ^2/NDF : 182182.7/13

Left In: 2.168+/-0.003 χ^2/NDF : 11085.3/16

1.608+/-0.002 χ^2/NDF : 253355.9/30

1.736+/-0.002 χ^2/NDF : 224575.6/30

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.240 ± 0.018 $\chi^2/\text{NDF}: 10811.2/14$

Left Out: 0.284 ± 0.012 $\chi^2/\text{NDF}: 1948.3/15$

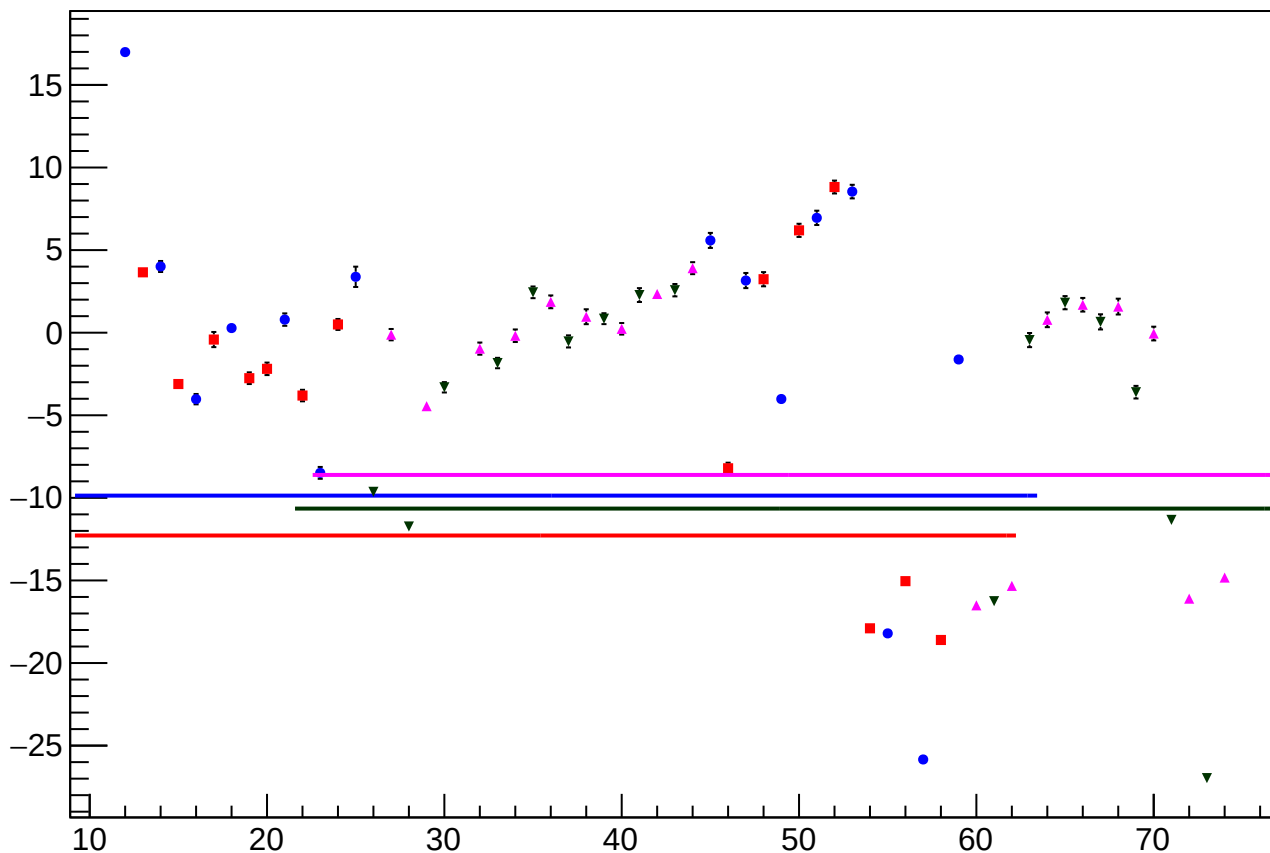
Right Out: 0.273 ± 0.021 $\chi^2/\text{NDF}: 6337.0/13$

Left In: 0.333 ± 0.012 $\chi^2/\text{NDF}: 1777.4/16$

0.270 ± 0.010 $\chi^2/\text{NDF}: 12763.6/30$

0.318 ± 0.011 $\chi^2/\text{NDF}: 8120.5/30$

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

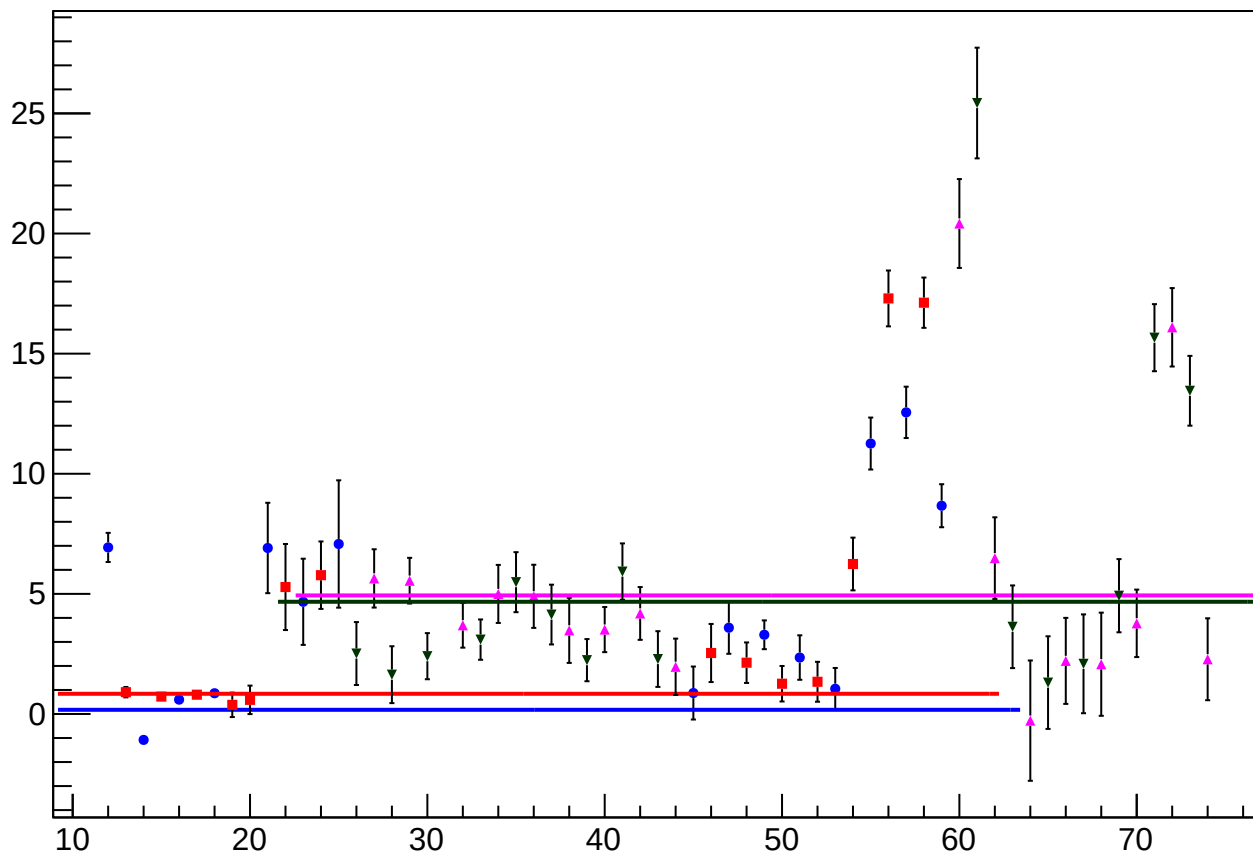
Right Out: -12.279+/-0.057 χ^2/NDF : 20609.6/13

Left In: -8.612+/-0.069 χ^2/NDF : 14192.3/16

-10.192+/-0.042 χ^2/NDF : 71547.6/30

-10.778+/-0.044 χ^2/NDF : 36471.4/30

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 0.174 ± 0.043 χ^2/NDF : 909.8/14

Left Out: 4.672 ± 0.311 χ^2/NDF : 216.8/15

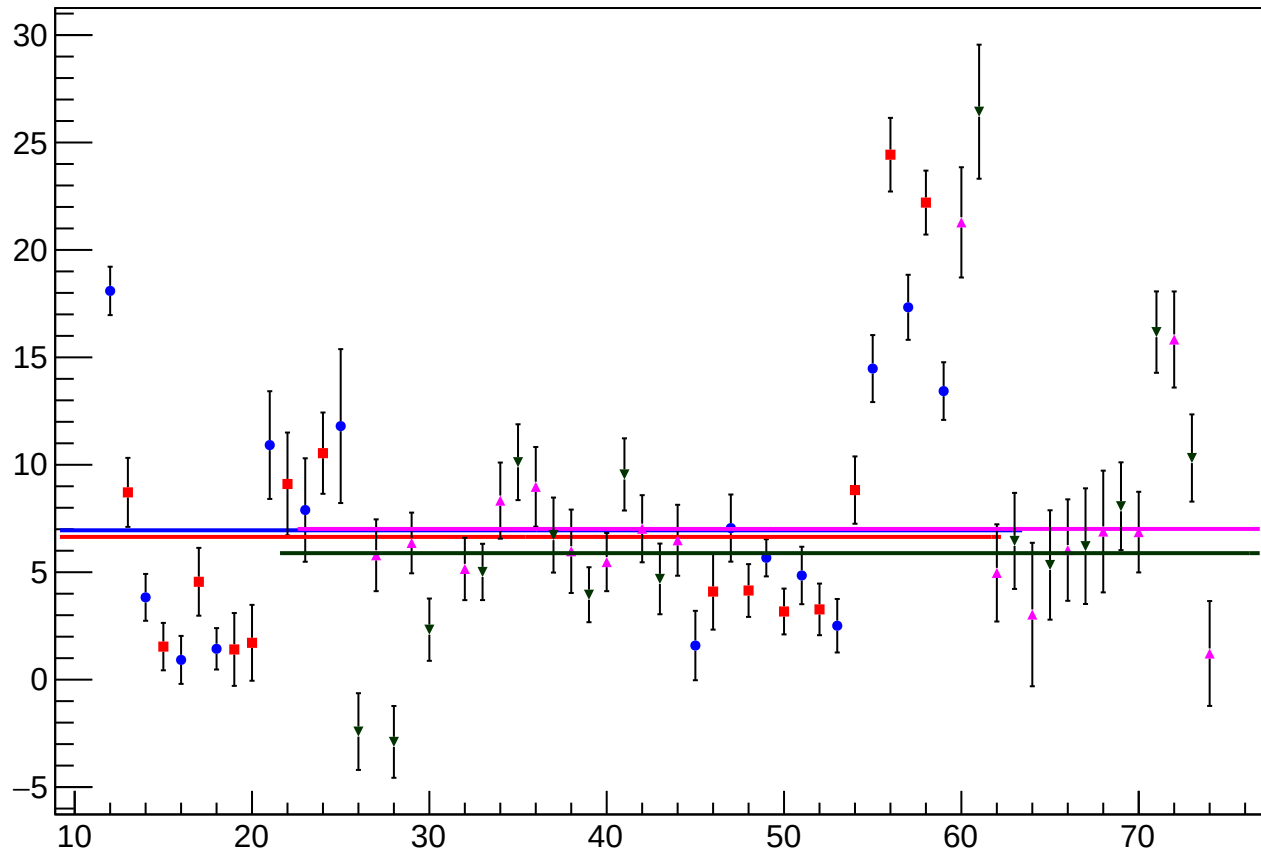
Right Out: 0.842 ± 0.048 χ^2/NDF : 495.4/13

Left In: 4.936 ± 0.316 χ^2/NDF : 142.0/16

0.260 ± 0.043 χ^2/NDF : 1331.1/30

0.932 ± 0.047 χ^2/NDF : 801.2/30

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.951 $\pm$ 0.340 χ^2/NDF : 294.6/14

Left Out: 5.888 $\pm$ 0.444 χ^2/NDF :148.2/15

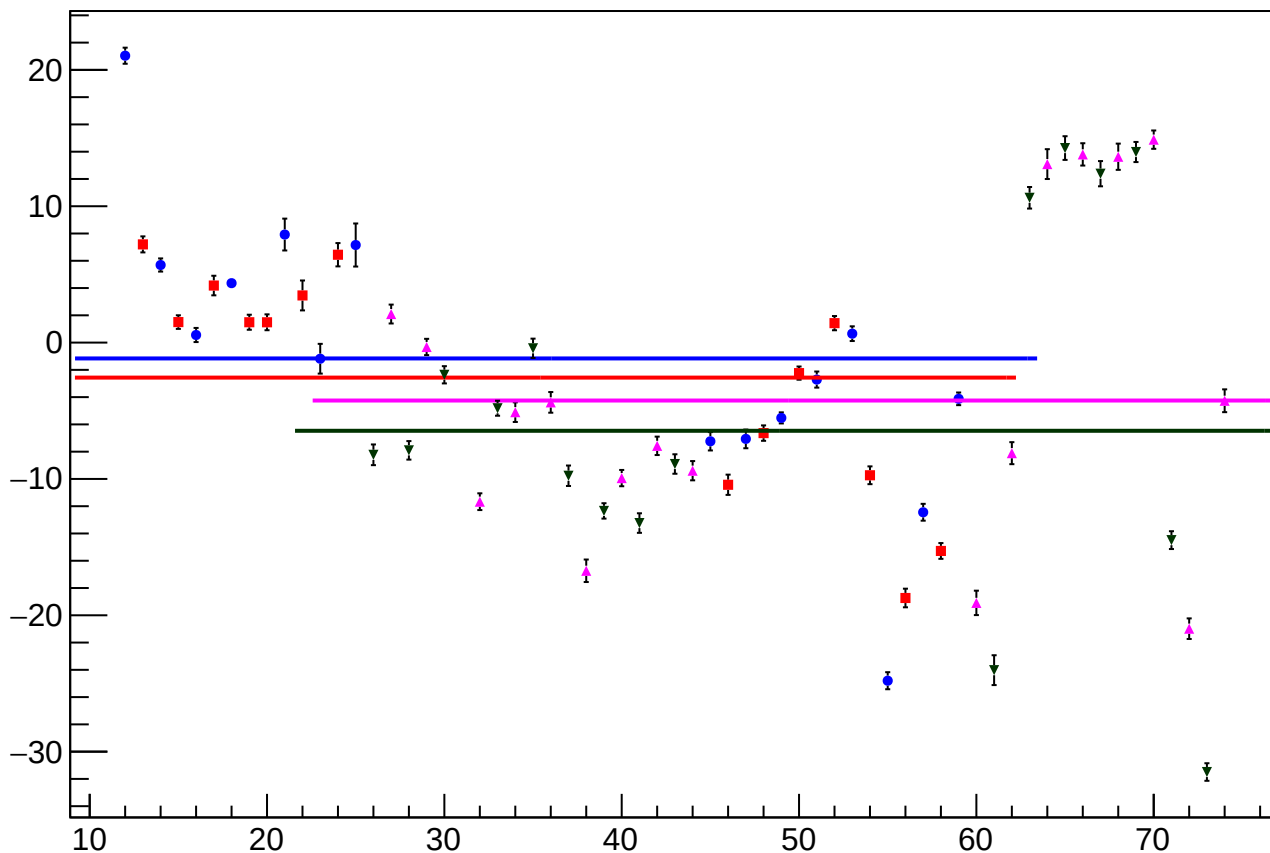
Right Out: 6.644 $\pm$ 0.393 χ^2/NDF : 291.2/13

Left In: 7.014 $\pm$ 0.451 χ^2/NDF :60.3/16

6.558 $\pm$ 0.270 χ^2/NDF : 446.4/30

6.804 $\pm$ 0.296 χ^2/NDF : 351.8/30

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

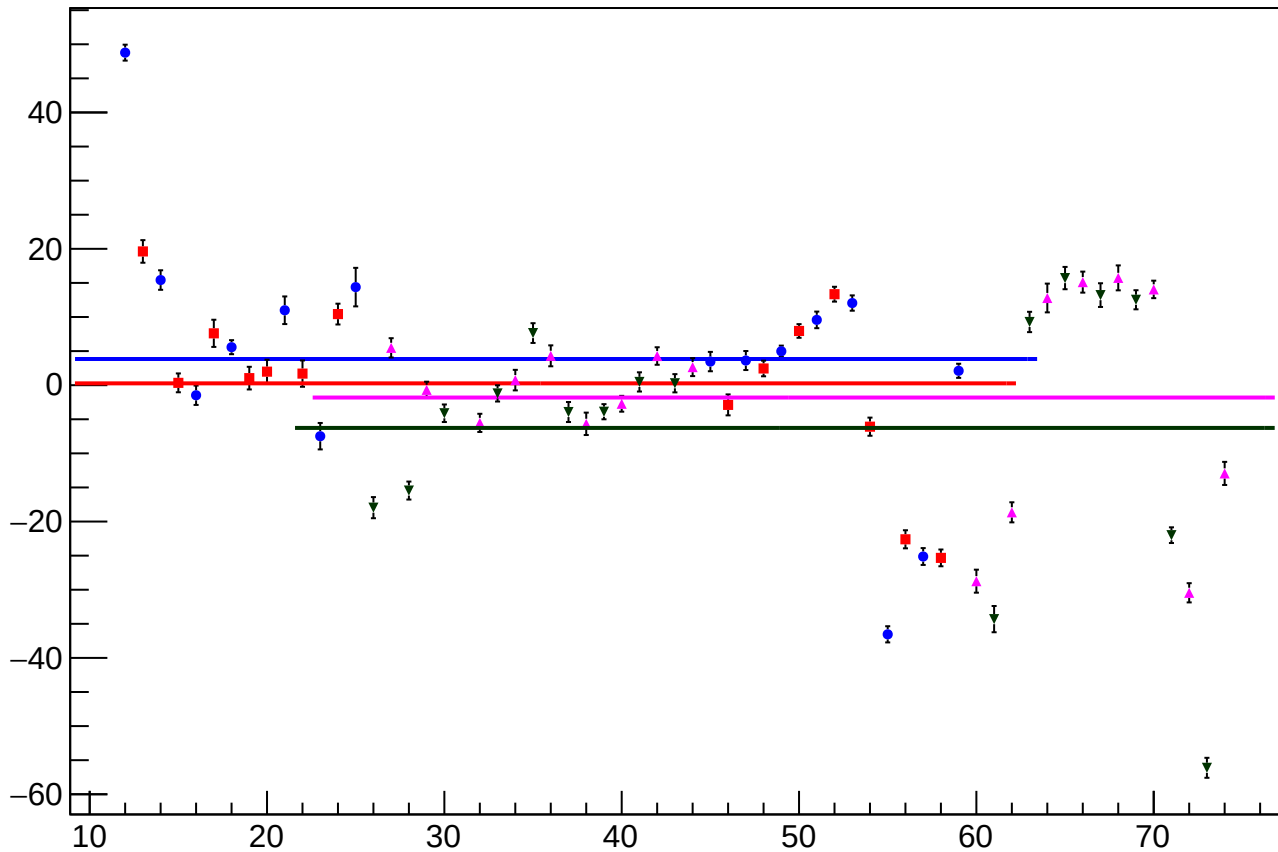
Right Out: -2.568+/-0.163 χ^2/NDF : 2061.7/13

Left In: -4.249+/-0.179 χ^2/NDF : 3353.6/16

-3.300+/-0.112 χ^2/NDF : 9095.8/30

-3.331+/-0.120 χ^2/NDF : 5463.5/30

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 3.840 ± 0.324 χ^2/NDF : 3406.2/14

Left Out: -6.268 ± 0.348 χ^2/NDF : 2423.4/15

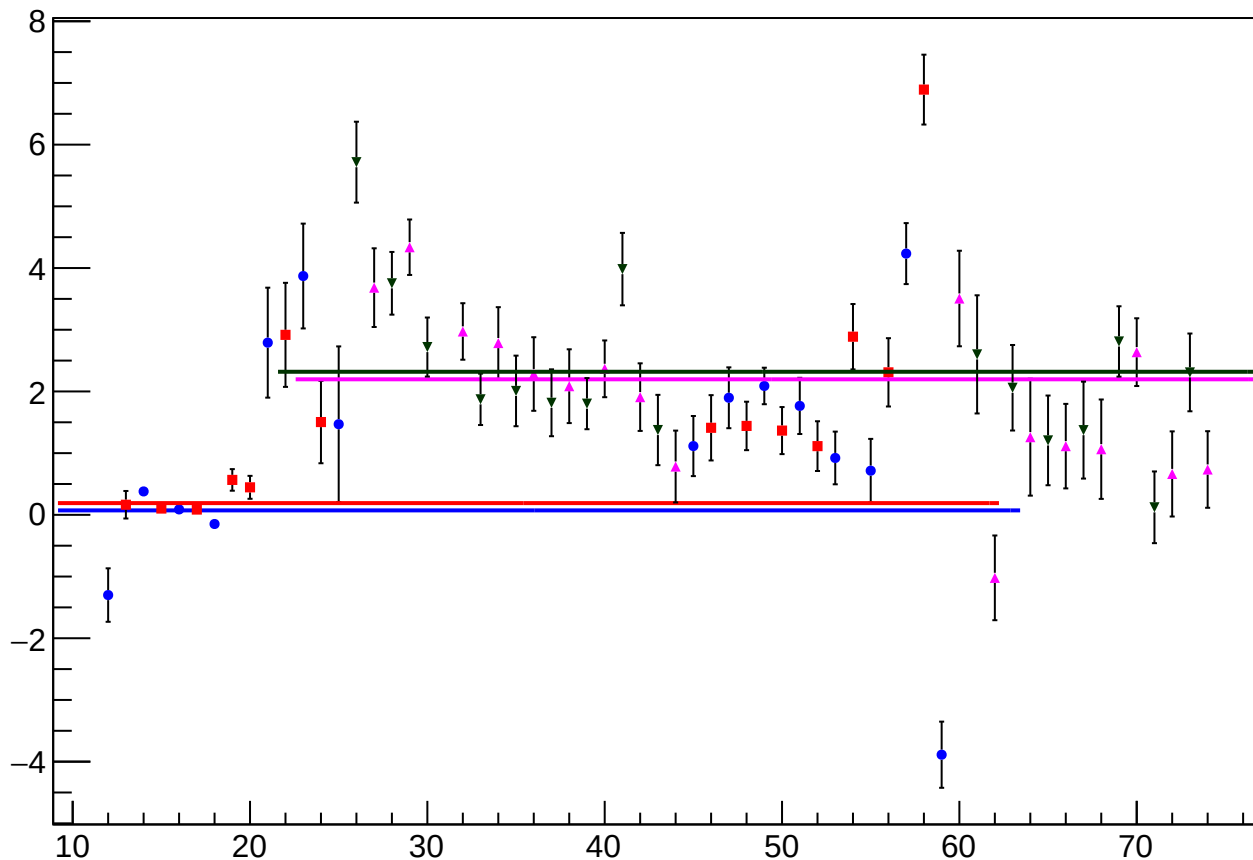
Right Out: 0.268 ± 0.369 χ^2/NDF : 1161.0/13

Left In: -1.811 ± 0.351 χ^2/NDF : 1348.7/16

-0.859 ± 0.237 χ^2/NDF : 6281.7/30

-0.825 ± 0.254 χ^2/NDF : 2526.4/30

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.072 ± 0.026 $\chi^2/\text{NDF}: 304.9/14$

Left Out: 2.319 ± 0.142 $\chi^2/\text{NDF}: 69.2/15$

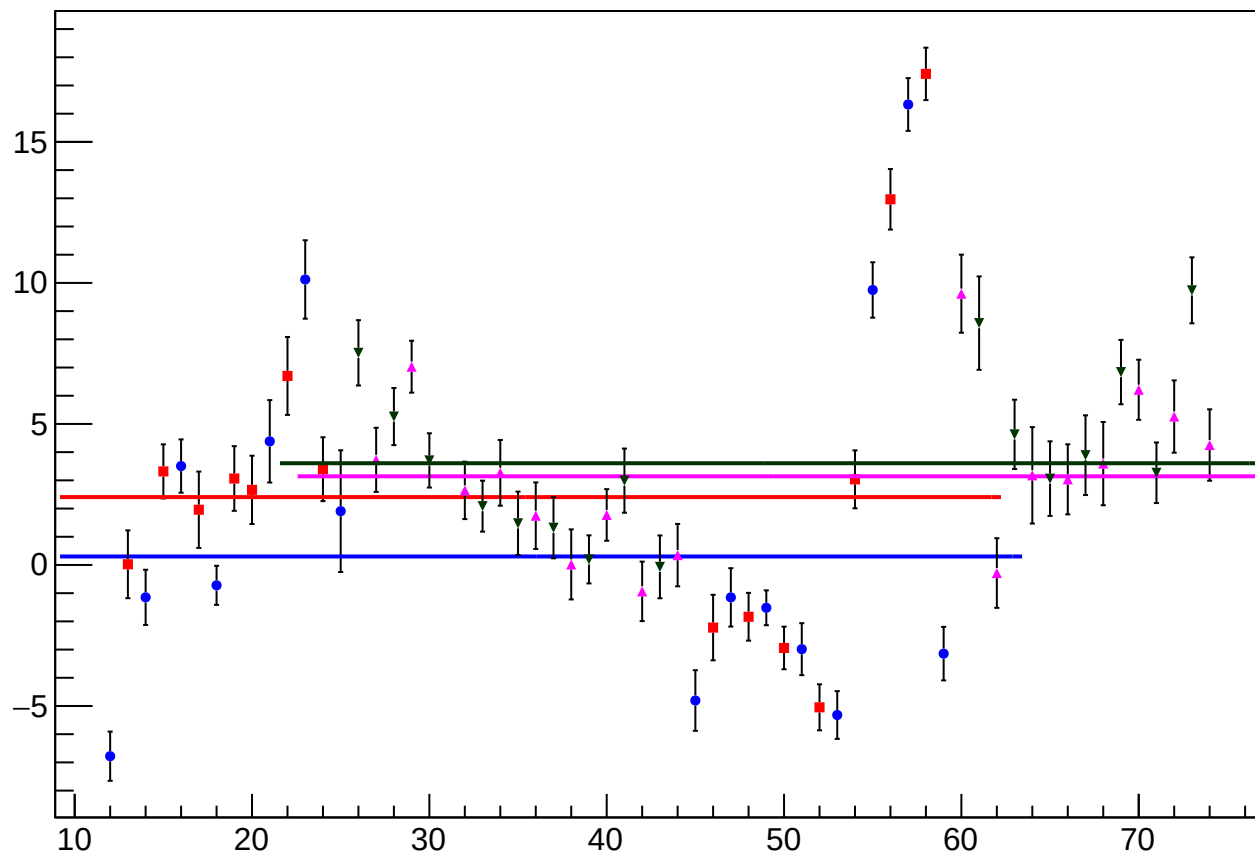
Right Out: 0.190 ± 0.030 $\chi^2/\text{NDF}: 240.1/13$

Left In: 2.197 ± 0.144 $\chi^2/\text{NDF}: 79.8/16$

0.145 ± 0.026 $\chi^2/\text{NDF}: 617.4/30$

0.276 ± 0.030 $\chi^2/\text{NDF}: 506.2/30$

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.301 ± 0.242 $\chi^2/\text{NDF}: 629.1/14$

Left Out: 3.607 ± 0.276 $\chi^2/\text{NDF}: 97.7/15$

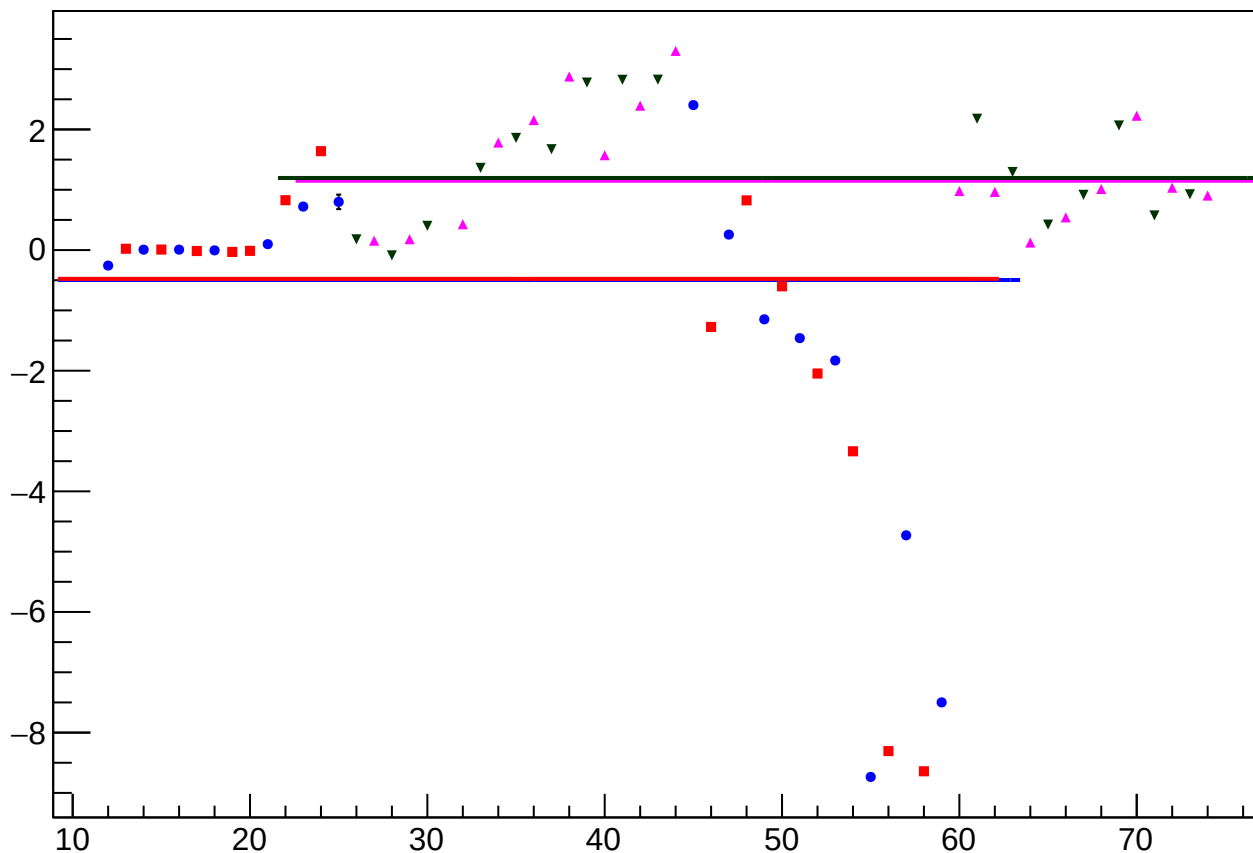
Right Out: 2.406 ± 0.273 $\chi^2/\text{NDF}: 548.4/13$

Left In: 3.143 ± 0.281 $\chi^2/\text{NDF}: 91.2/16$

1.737 ± 0.182 $\chi^2/\text{NDF}: 807.7/30$

2.764 ± 0.196 $\chi^2/\text{NDF}: 643.1/30$

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.496 ± 0.007 χ^2/NDF : 52170.3/14

Left Out: 1.196 ± 0.009 χ^2/NDF : 9658.7/15

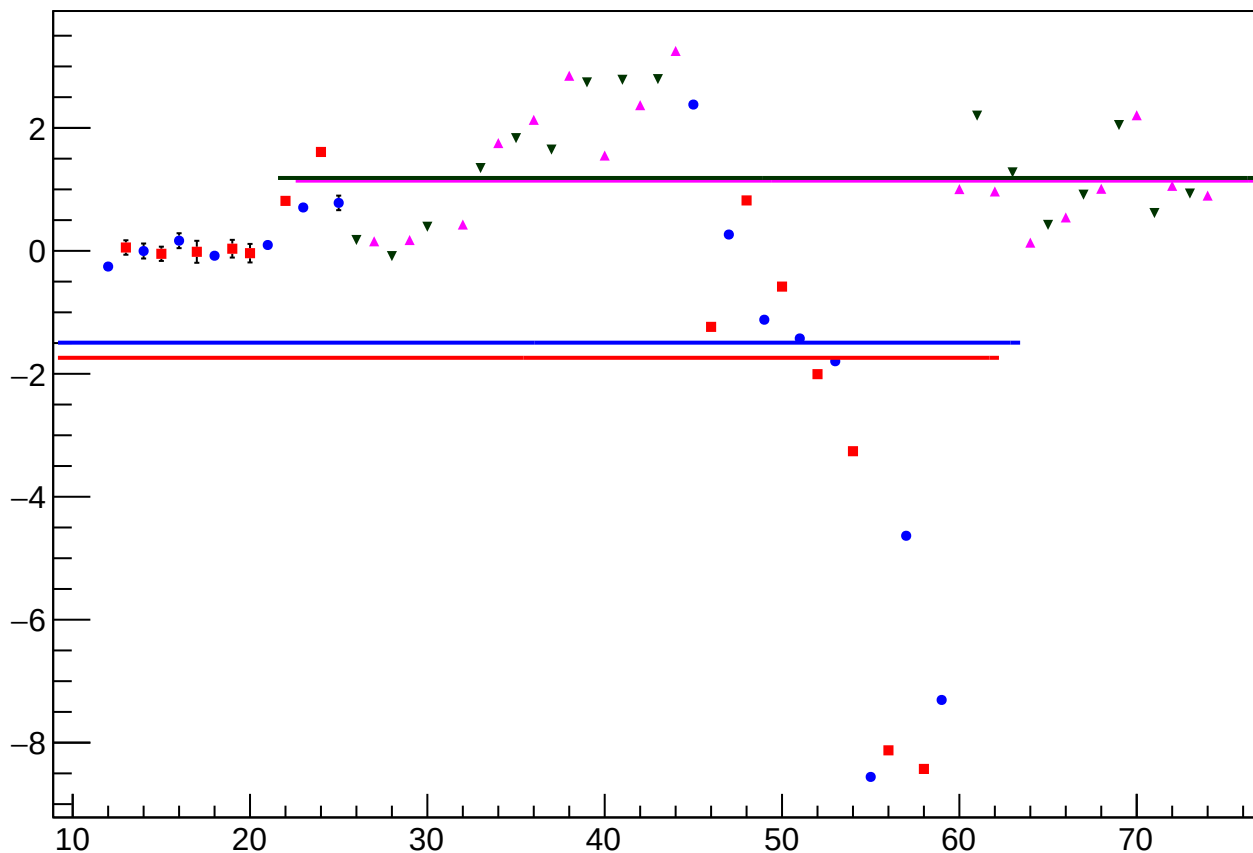
Right Out: -0.477 ± 0.008 χ^2/NDF : 55267.3/13

Left In: 1.150 ± 0.009 χ^2/NDF : 8983.3/16

0.132 ± 0.006 χ^2/NDF : 81919.4/30

0.181 ± 0.006 χ^2/NDF : 82321.6/30

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.493+/-0.013 χ^2/NDF : 41909.2/14

Left Out: 1.186+/-0.009 χ^2/NDF : 9666.8/15

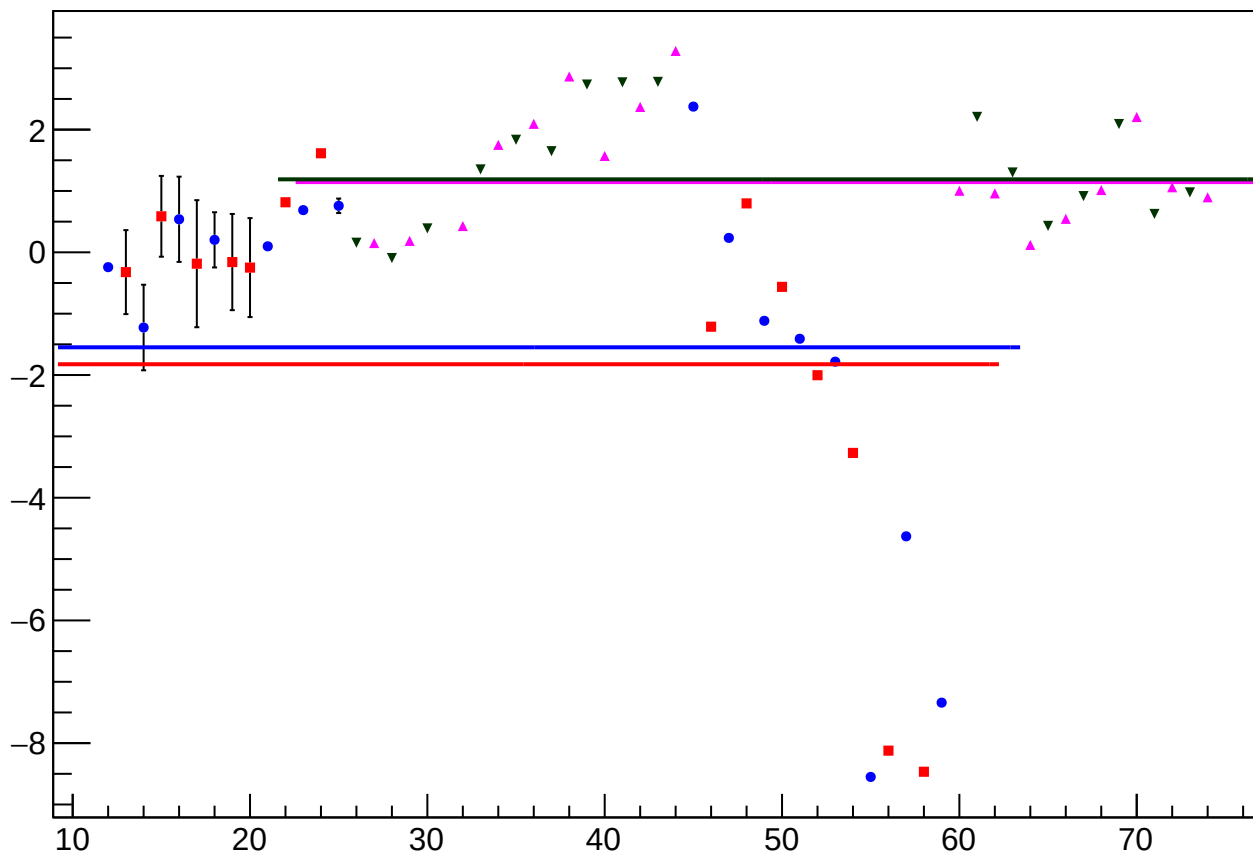
Right Out: -1.740+/-0.015 χ^2/NDF : 44168.6/13

Left In: 1.142+/-0.009 χ^2/NDF : 8965.6/16

0.235+/-0.007 χ^2/NDF : 80844.7/30

0.327+/-0.008 χ^2/NDF : 80824.5/30

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.548 ± 0.013 $\chi^2/\text{NDF}: 41502.4/14$

Left Out: 1.190 ± 0.009 $\chi^2/\text{NDF}: 9859.1/15$

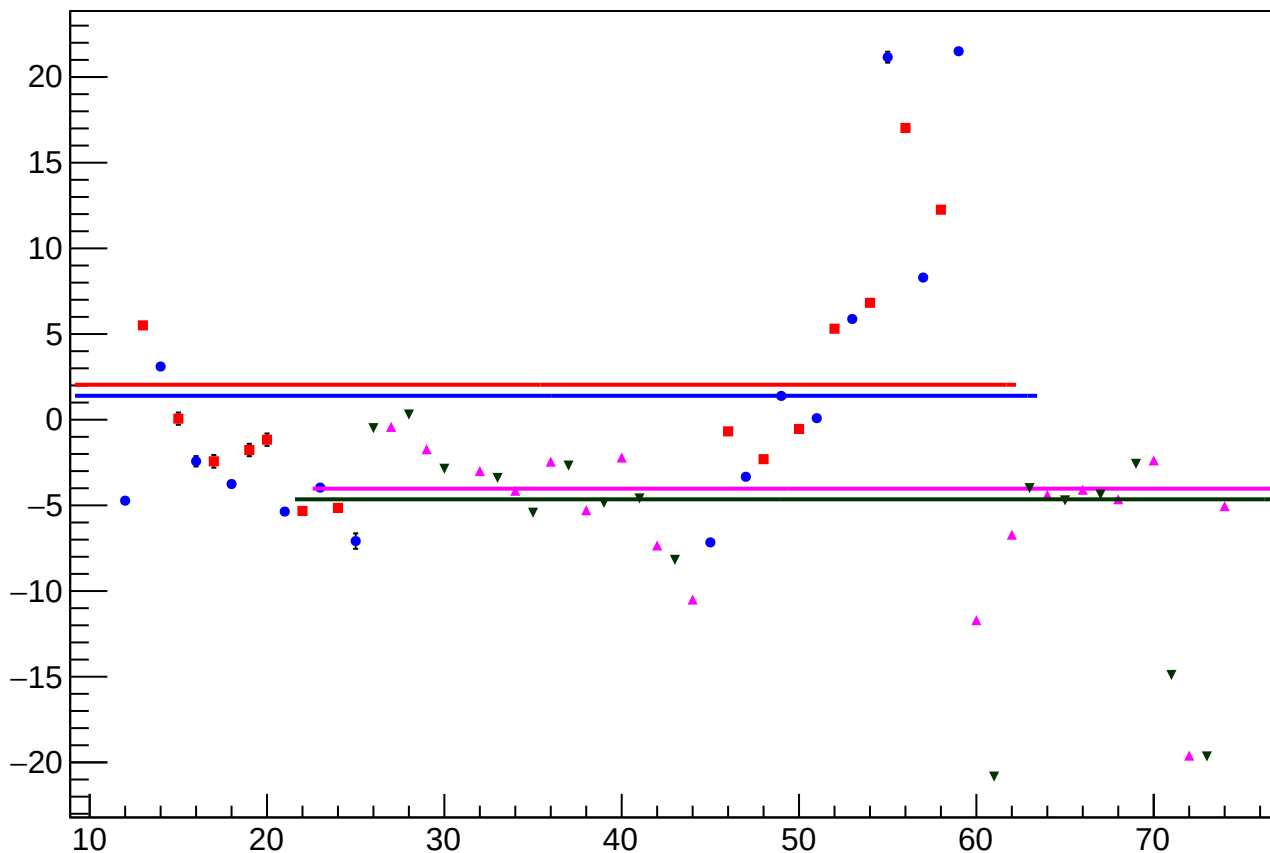
Right Out: -1.824 ± 0.015 $\chi^2/\text{NDF}: 43727.2/13$

Left In: 1.145 ± 0.009 $\chi^2/\text{NDF}: 9247.1/16$

0.248 ± 0.007 $\chi^2/\text{NDF}: 81528.2/30$

0.345 ± 0.008 $\chi^2/\text{NDF}: 81636.0/30$

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

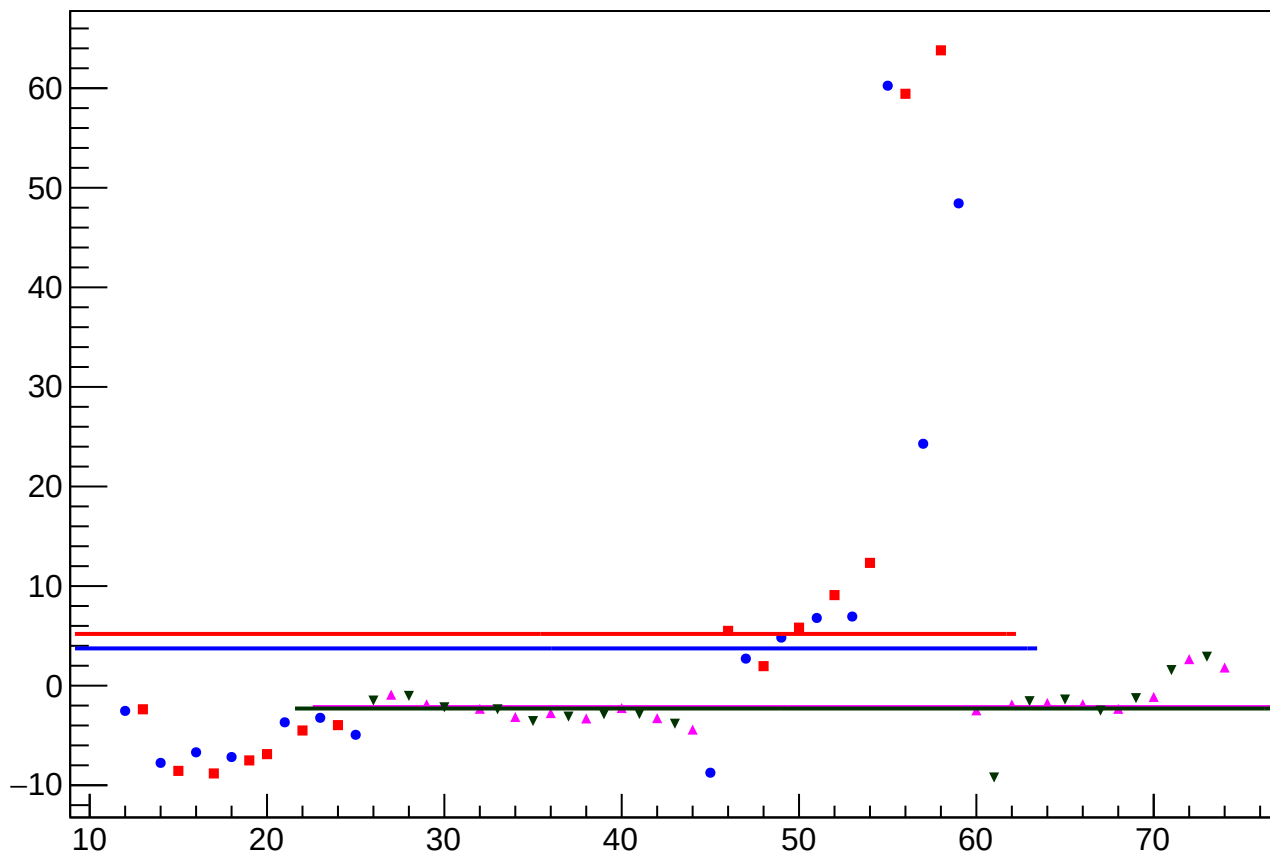
Right Out: 2.041+/-0.060 χ^2/NDF : 9010.3/13

Left In: -4.025+/-0.036 χ^2/NDF : 8375.5/16

-2.383+/-0.032 χ^2/NDF : 41163.7/30

-2.422+/-0.031 χ^2/NDF : 24977.3/30

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 3.740 ± 0.041 $\chi^2/\text{NDF}: 96835.6/14$

Left Out: -2.295 ± 0.034 $\chi^2/\text{NDF}: 1549.5/15$

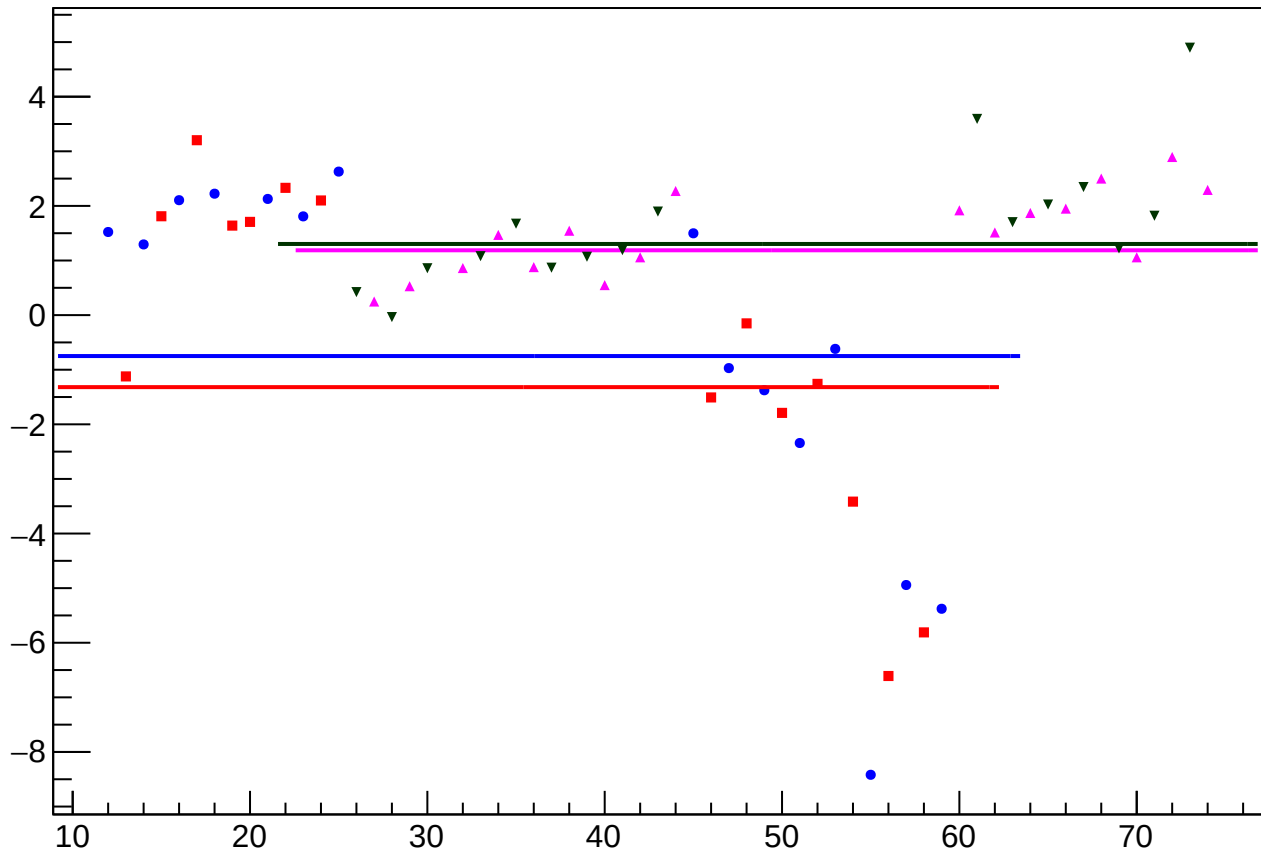
0.172 ± 0.026 $\chi^2/\text{NDF}: 111320.5/30$

Right Out: 5.195 ± 0.045 $\chi^2/\text{NDF}: 103305.0/13$

0.031 ± 0.025 $\chi^2/\text{NDF}: 122886.6/30$

Left In: -2.148 ± 0.029 $\chi^2/\text{NDF}: 1154.3/16$

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 $\chi^2/\text{NDF}: 15439.3/15$

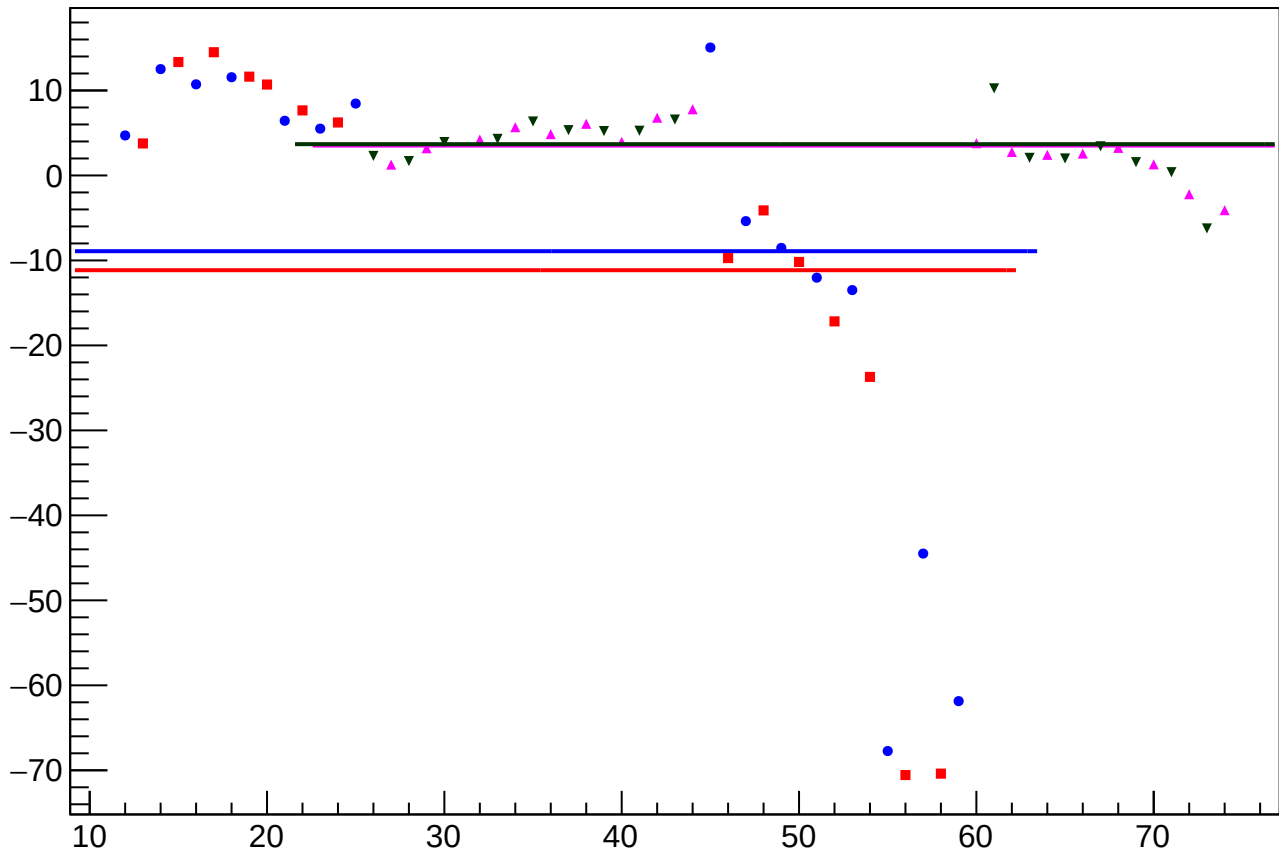
Right Out: -1.319 ± 0.011 $\chi^2/\text{NDF}: 49385.0/13$

Left In: 1.187 ± 0.006 $\chi^2/\text{NDF}: 11514.9/16$

0.619 ± 0.006 $\chi^2/\text{NDF}: 118646.7/30$

0.571 ± 0.005 $\chi^2/\text{NDF}: 102819.4/30$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -8.913+/-0.064 χ^2/NDF : 119535.9/14

Left Out: 3.681+/-0.053 χ^2/NDF : 2227.3/15

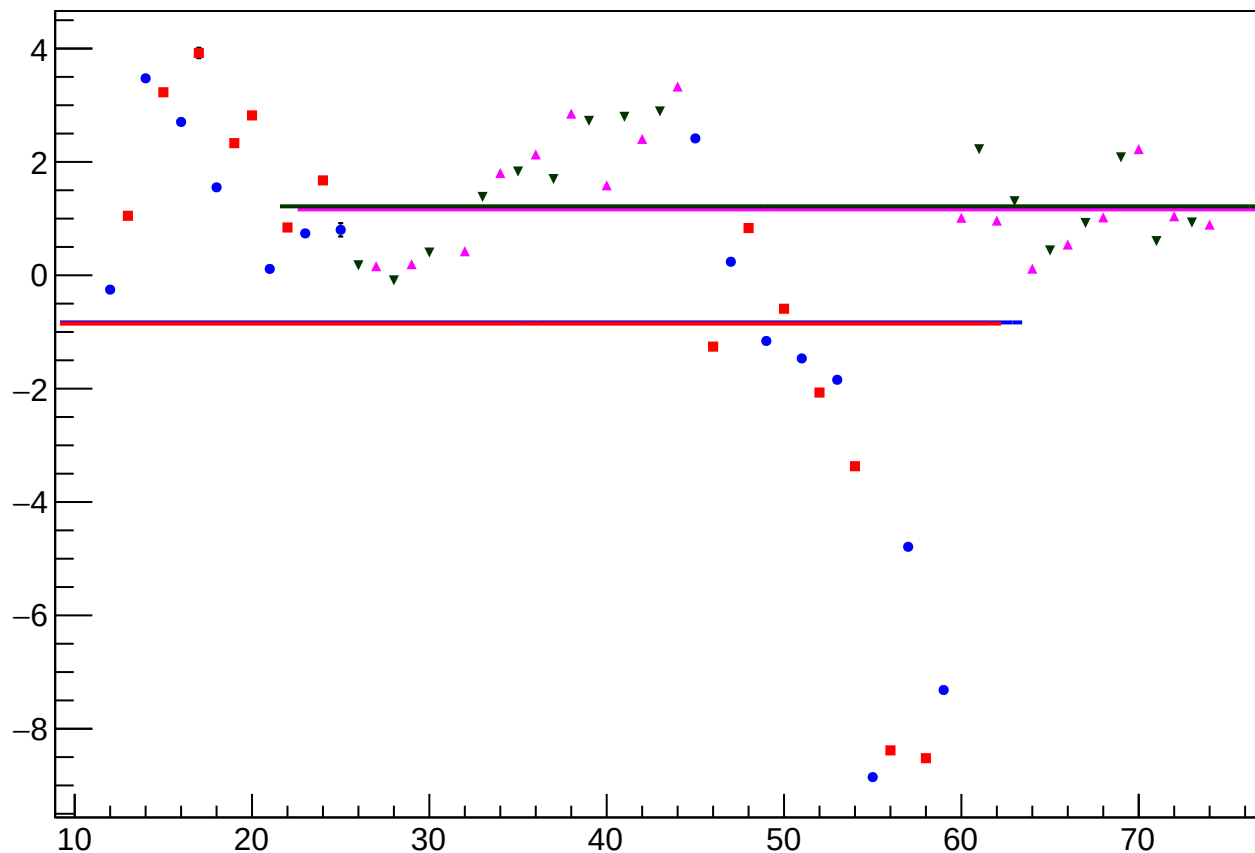
Right Out: -11.150+/-0.071 χ^2/NDF : 105952.3/13

Left In: 3.516+/-0.047 χ^2/NDF : 1934.6/16

-1.478+/-0.041 χ^2/NDF : 144590.6/30

-0.893+/-0.039 χ^2/NDF : 137582.8/30

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -0.832 ± 0.012 χ^2/NDF : 59372.3/14

Left Out: 1.216 ± 0.009 χ^2/NDF : 9778.7/15

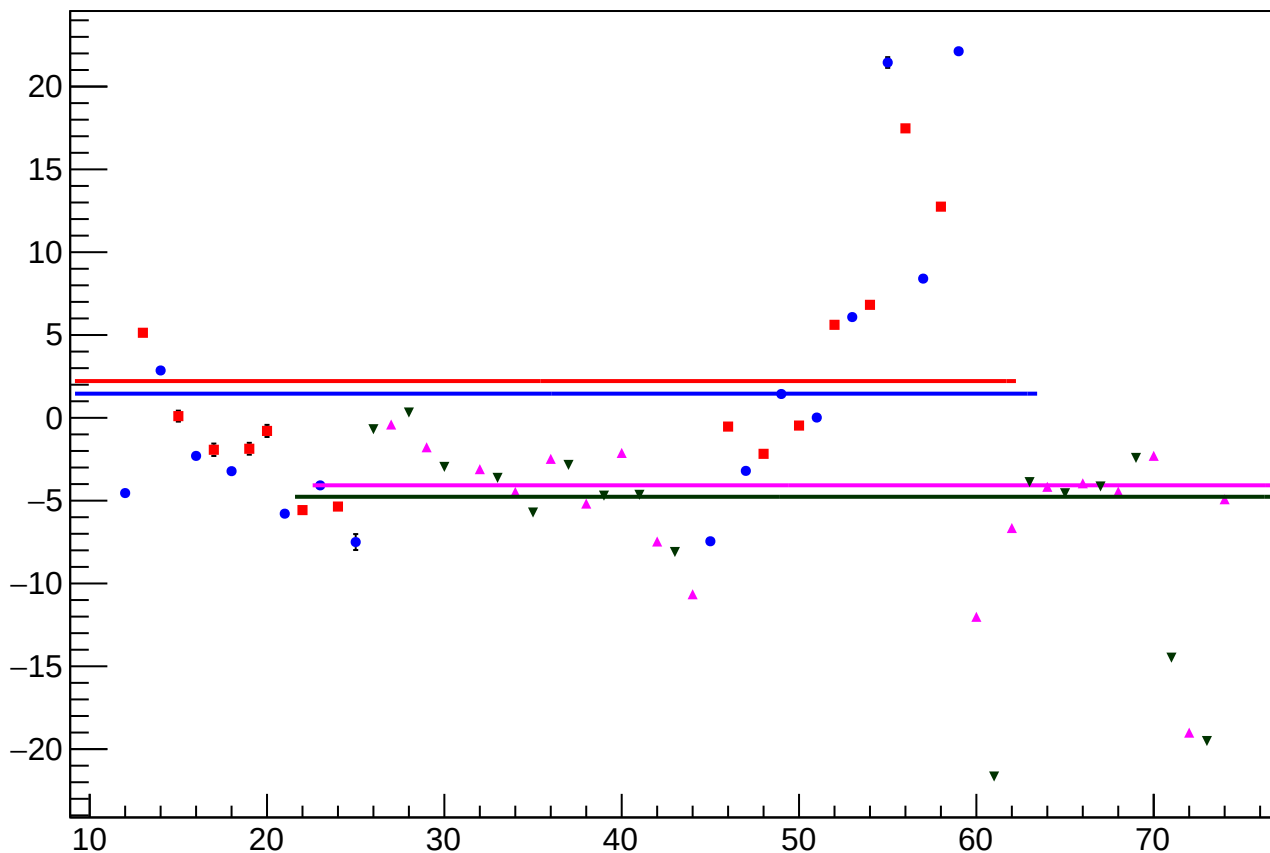
Right Out: -0.852 ± 0.013 χ^2/NDF : 61989.1/13

Left In: 1.162 ± 0.009 χ^2/NDF : 9312.1/16

0.425 ± 0.007 χ^2/NDF : 87677.4/30

0.512 ± 0.008 χ^2/NDF : 86817.3/30

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

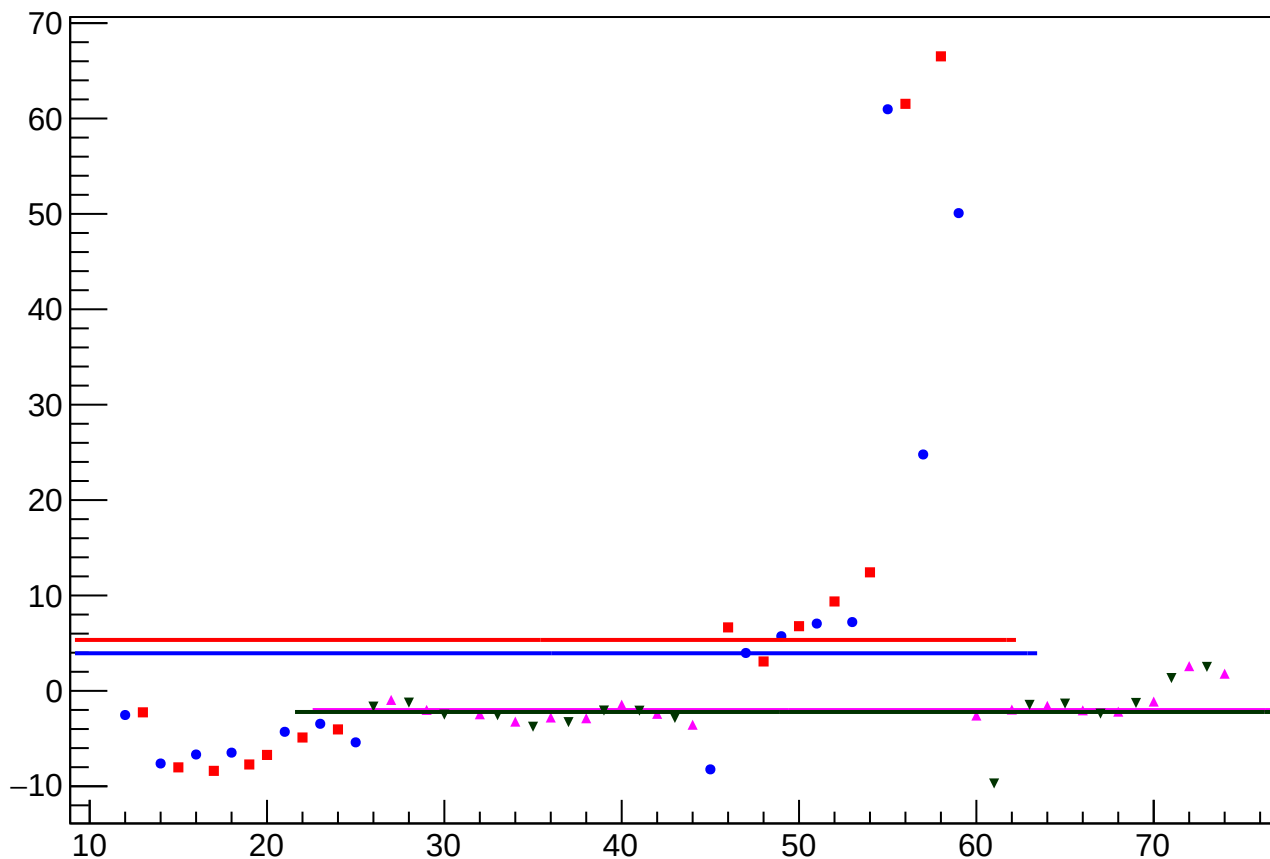
Right Out: 2.219 ± 0.061 χ^2/NDF : 8559.7/13

Left In: -4.074 ± 0.037 χ^2/NDF : 7892.1/16

-2.426 ± 0.033 χ^2/NDF : 40145.3/30

-2.397 ± 0.032 χ^2/NDF : 24144.9/30

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 $\chi^2/\text{NDF}: 1337.9/15$

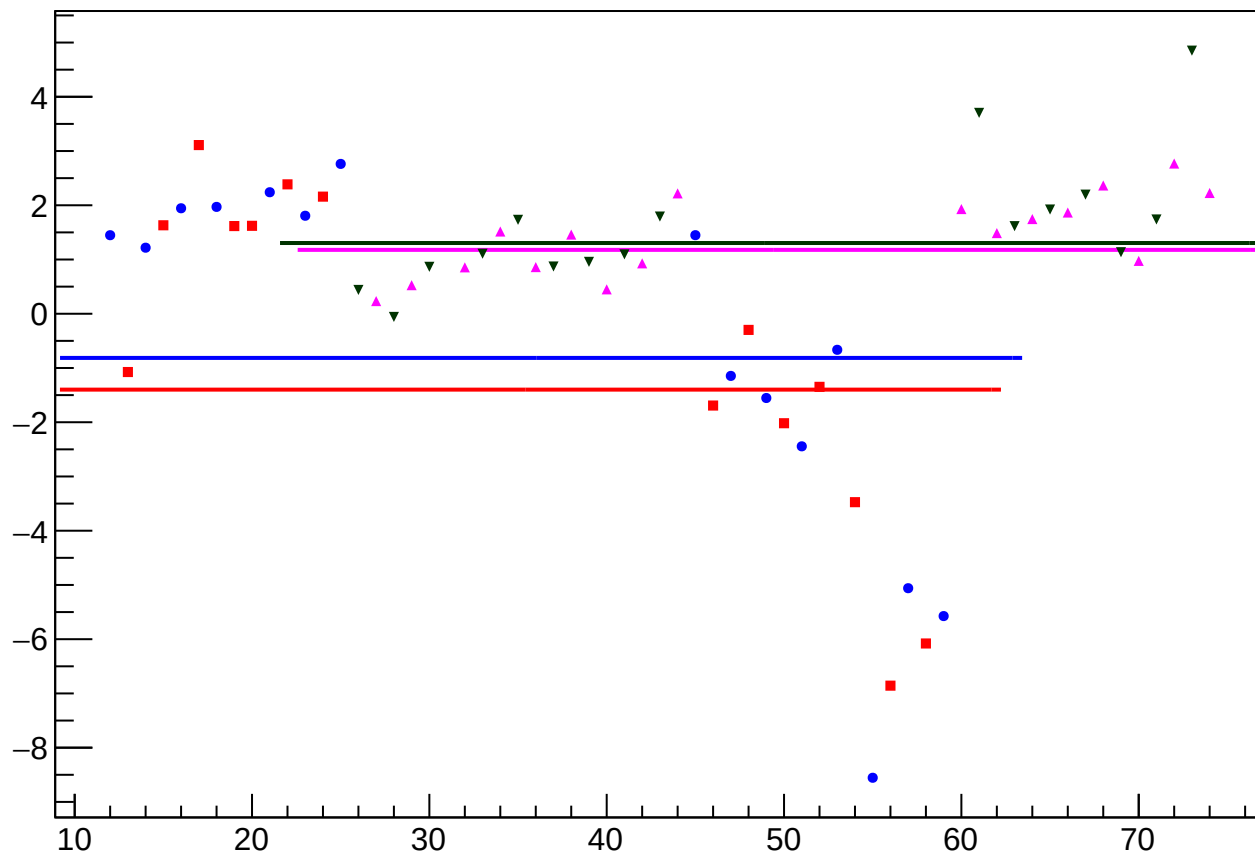
0.373 ± 0.027 $\chi^2/\text{NDF}: 110393.8/30$

Right Out: 5.339 ± 0.046 $\chi^2/\text{NDF}: 102602.9/13$

0.239 ± 0.026 $\chi^2/\text{NDF}: 120899.0/30$

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 χ^2/NDF : 71917.1/14

Left Out: 1.304 ± 0.007 χ^2/NDF : 14097.5/15

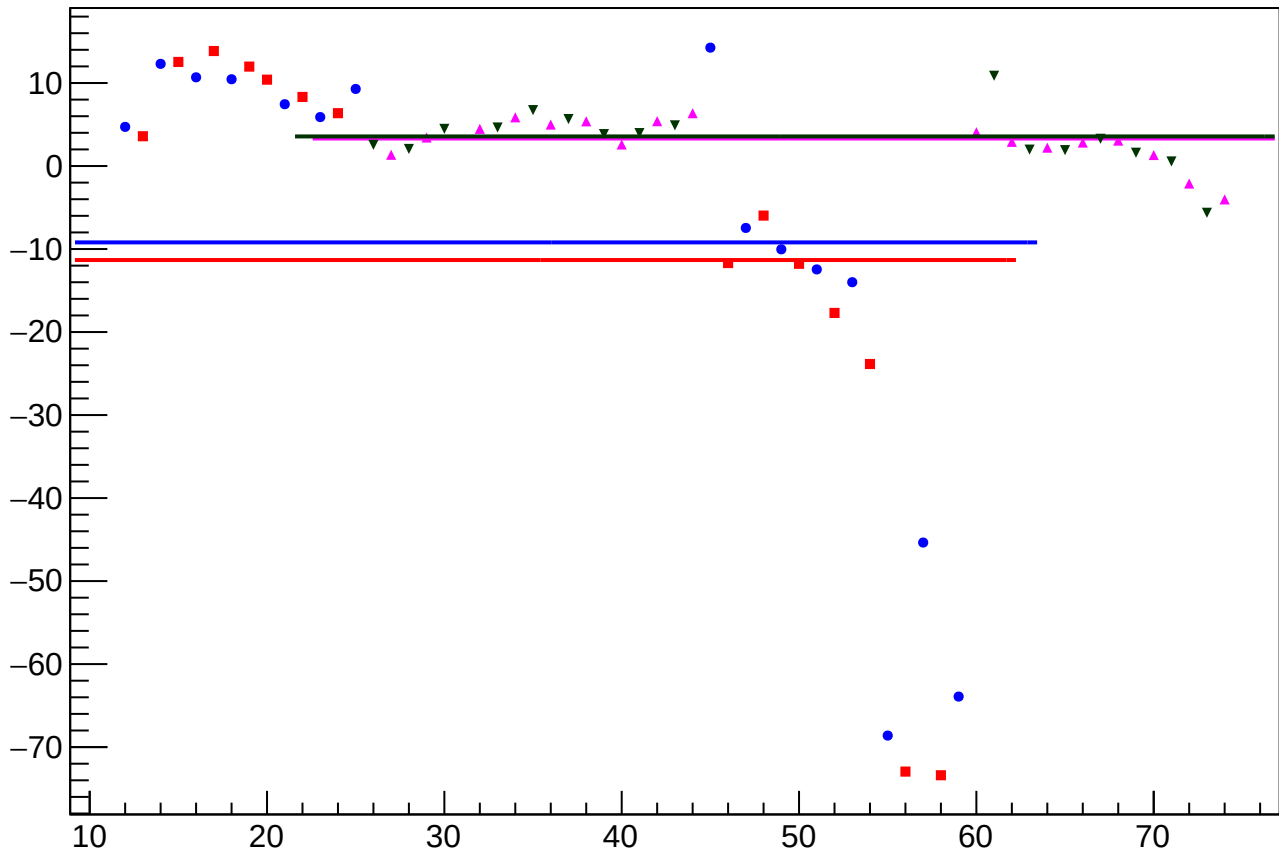
Right Out: -1.399 ± 0.011 χ^2/NDF : 48613.7/13

Left In: 1.178 ± 0.006 χ^2/NDF : 10353.7/16

0.595 ± 0.006 χ^2/NDF : 116474.6/30

0.541 ± 0.005 χ^2/NDF : 100615.3/30

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

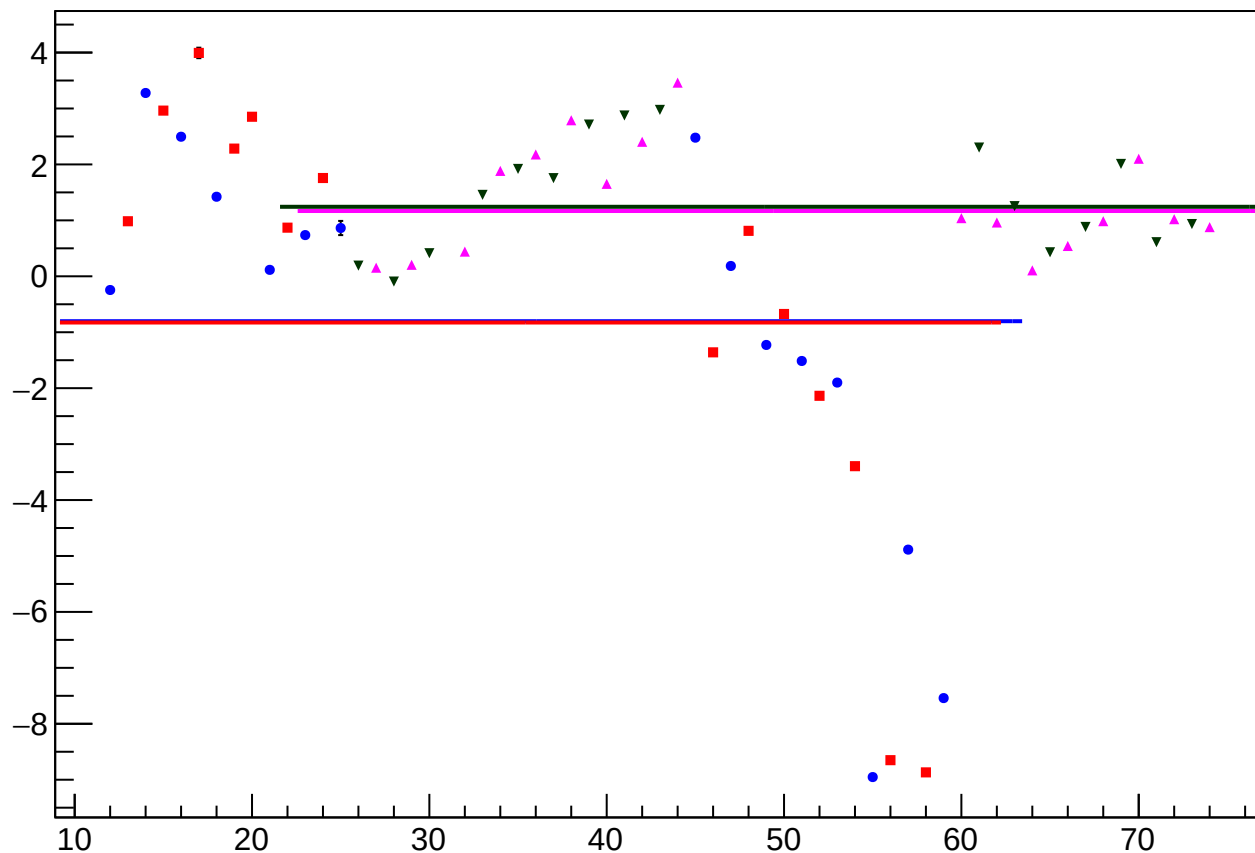
Right Out: -11.325+/-0.073 χ^2/NDF : 105482.6/13

Left In: 3.314+/-0.049 χ^2/NDF : 1541.5/16

-1.778+/-0.043 χ^2/NDF : 142998.5/30

-1.196+/-0.040 χ^2/NDF : 134948.6/30

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -0.803 ± 0.012 χ^2/NDF : 58745.2/14

Left Out: 1.243 ± 0.010 χ^2/NDF : 9034.4/15

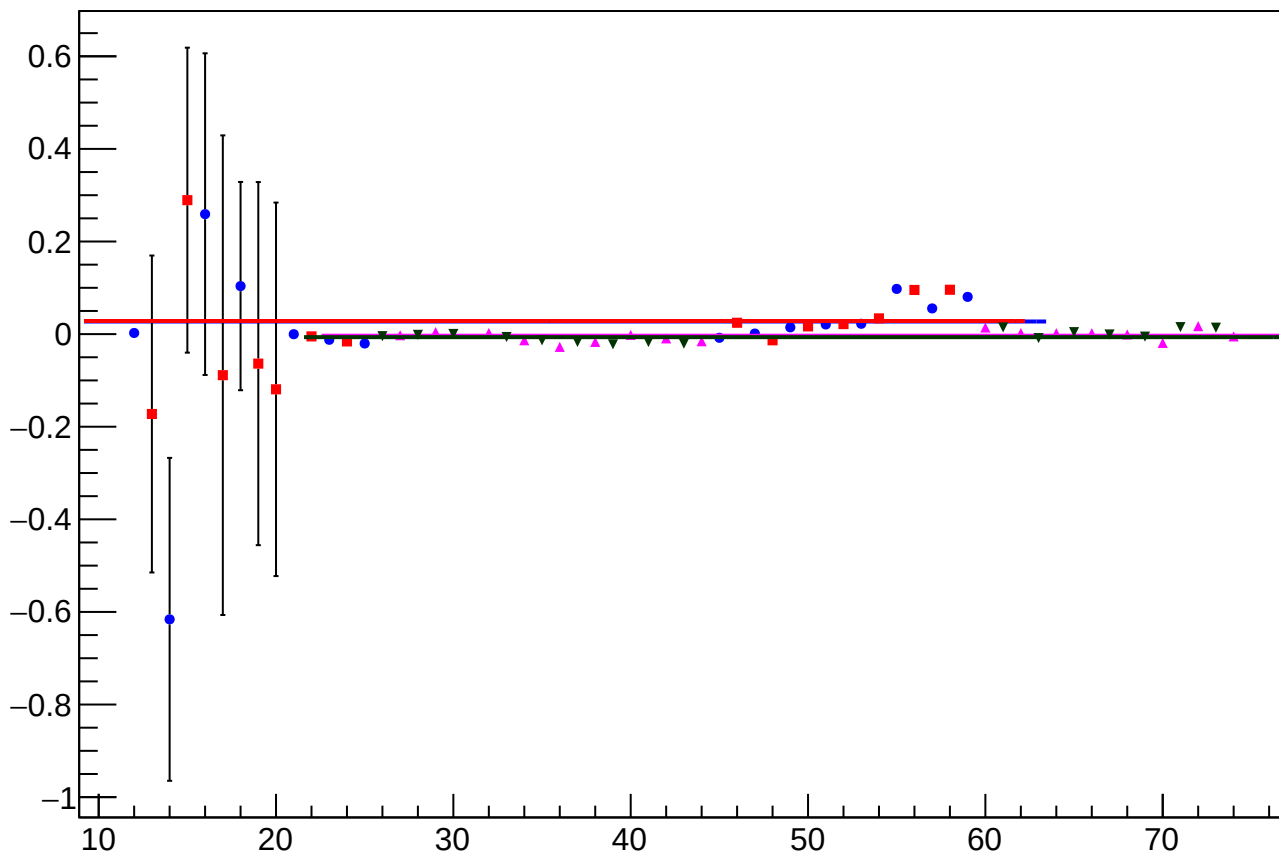
Right Out: -0.826 ± 0.014 χ^2/NDF : 61261.3/13

Left In: 1.167 ± 0.010 χ^2/NDF : 8777.2/16

0.425 ± 0.008 χ^2/NDF : 85268.2/30

0.513 ± 0.008 χ^2/NDF : 84332.1/30

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.027 $\pm$ 0.001 χ^2 /NDF: 764.9/14

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF: 83.2/15

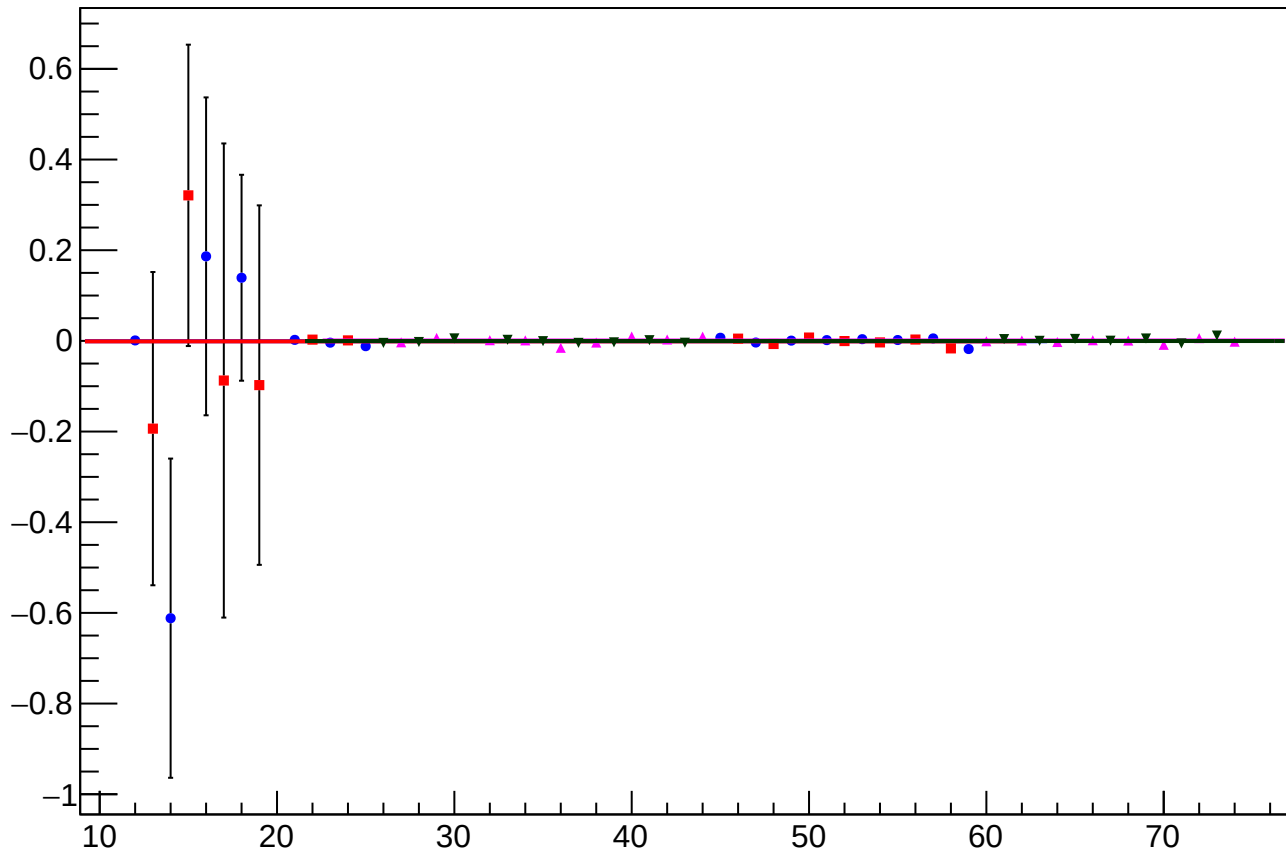
Right Out: 0.028 $\pm$ 0.001 χ^2 /NDF: 705.8/13

Left In: -0.003 $\pm$ 0.001 χ^2 /NDF: 82.4/16

0.009 $\pm$ 0.001 χ^2 /NDF: 1242.0/30

0.009 $\pm$ 0.001 χ^2 /NDF: 1076.1/30

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

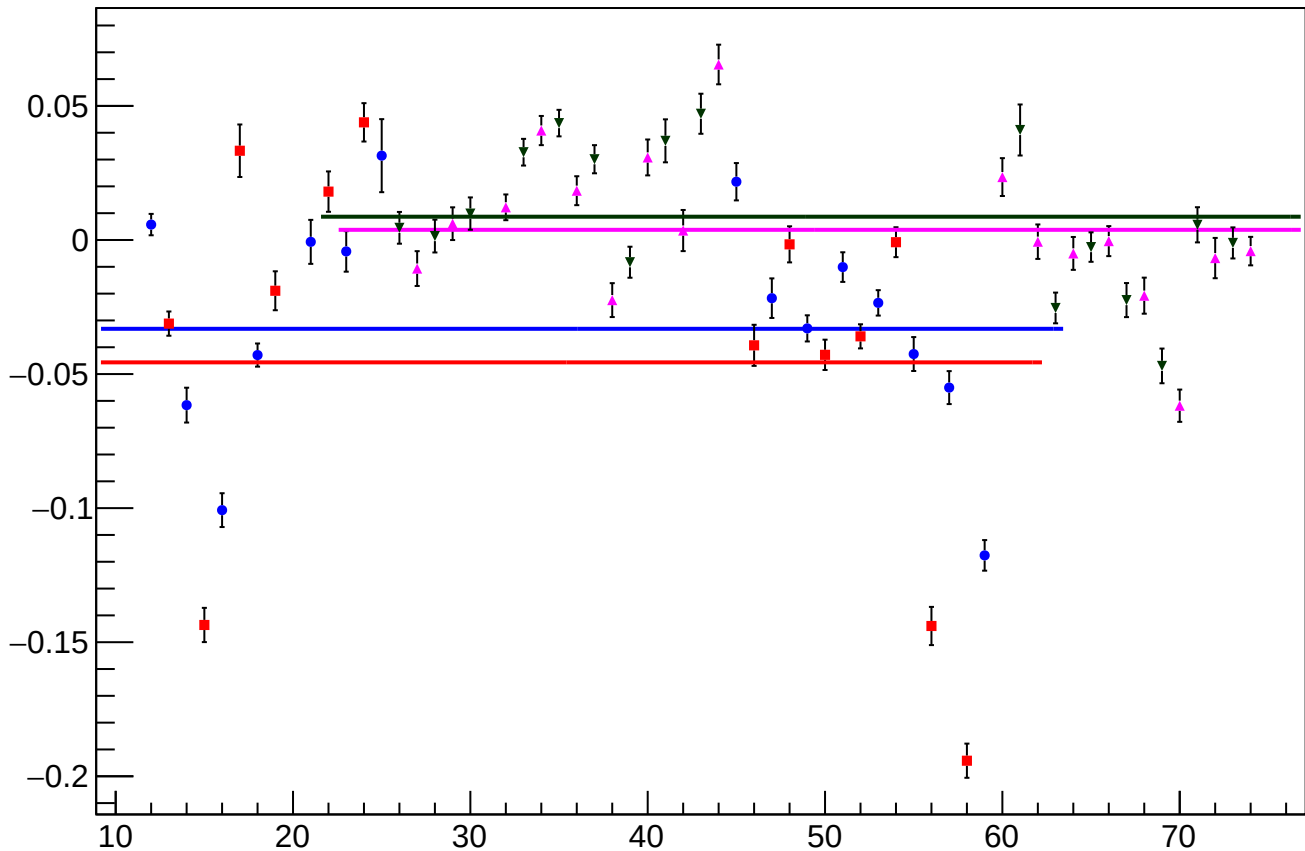
Right Out: -0.001+/-0.001 χ^2 /NDF: 24.5/12

Left In: 0.001+/-0.001 χ^2 /NDF:27.5/16

-0.001+/-0.001 χ^2 /NDF: 45.7/30

0.000+/-0.001 χ^2 /NDF: 53.0/29

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

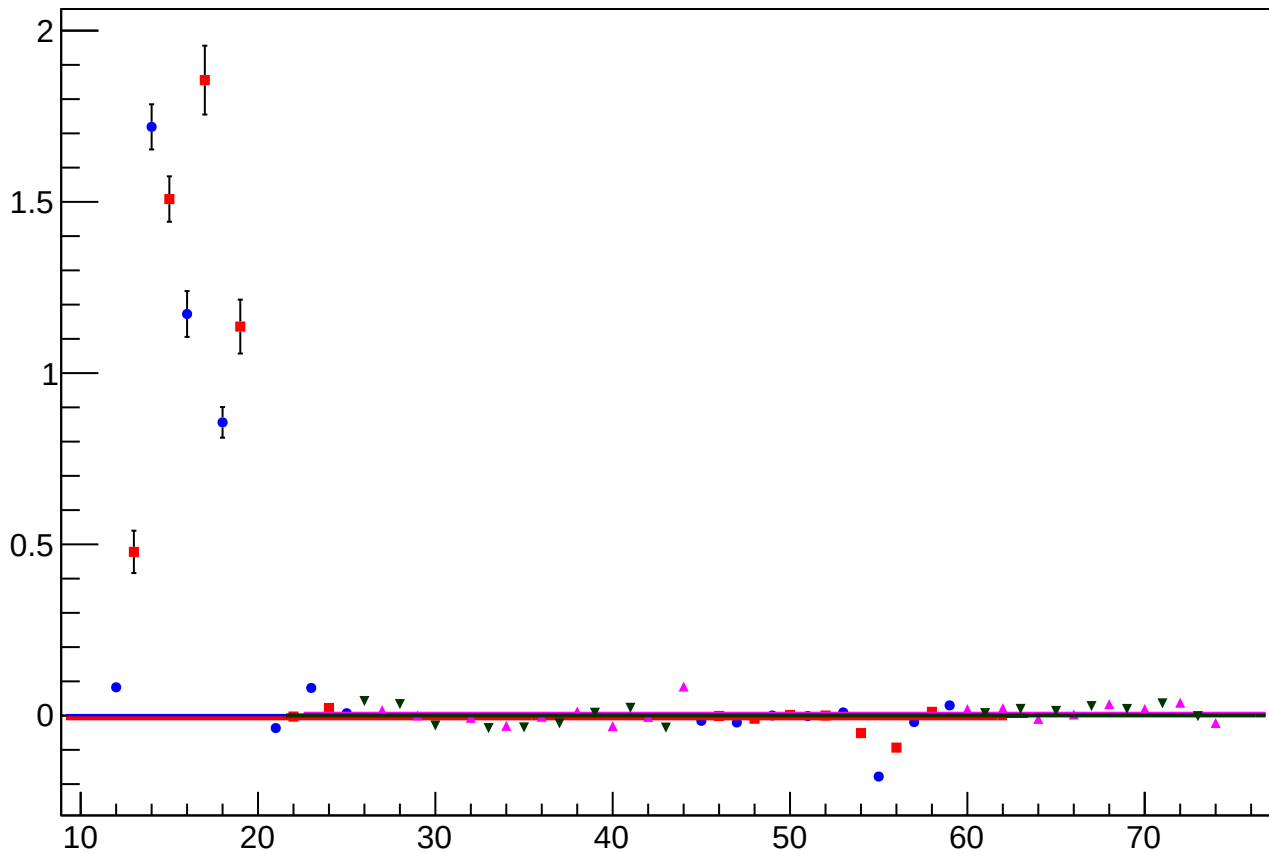
Right Out: -0.046+/-0.002 χ^2 /NDF: 1398.9/12

Left In: 0.004+/-0.001 χ^2 /NDF:312.1/16

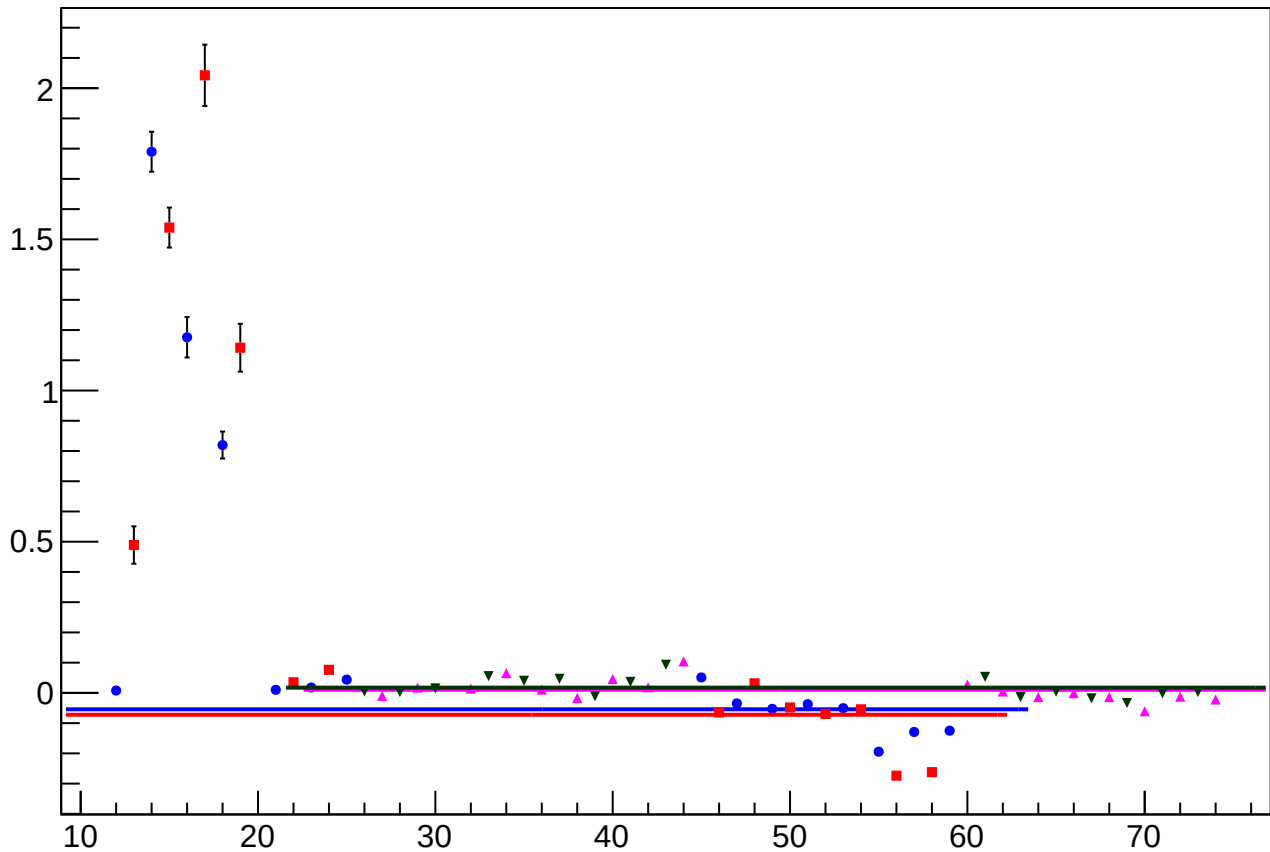
-0.012+/-0.001 χ^2 /NDF: 1285.0/30

-0.017+/-0.001 χ^2 /NDF: 2181.5/29

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.054 ± 0.002 χ^2/NDF : 2825.2/14

Left Out: 0.017 ± 0.002 χ^2/NDF : 362.2/15

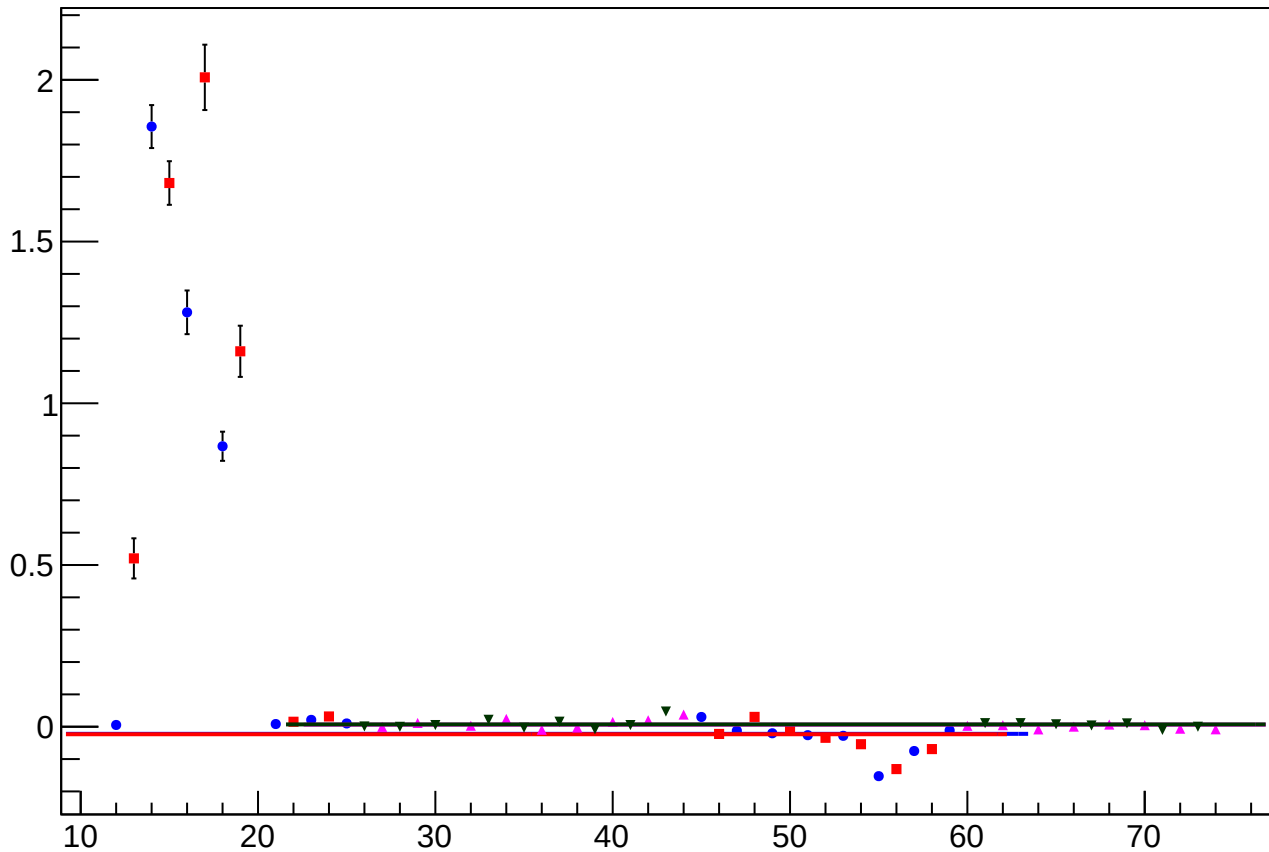
Right Out: -0.072 ± 0.002 χ^2/NDF : 3970.7/12

Left In: 0.010 ± 0.002 χ^2/NDF : 436.9/16

-0.013 ± 0.001 χ^2/NDF : 4049.0/30

-0.019 ± 0.001 χ^2/NDF : 5373.0/29

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.022+/-0.001 χ^2 /NDF: 2596.6/14

Left Out: 0.007+/-0.001 χ^2 /NDF:122.4/15

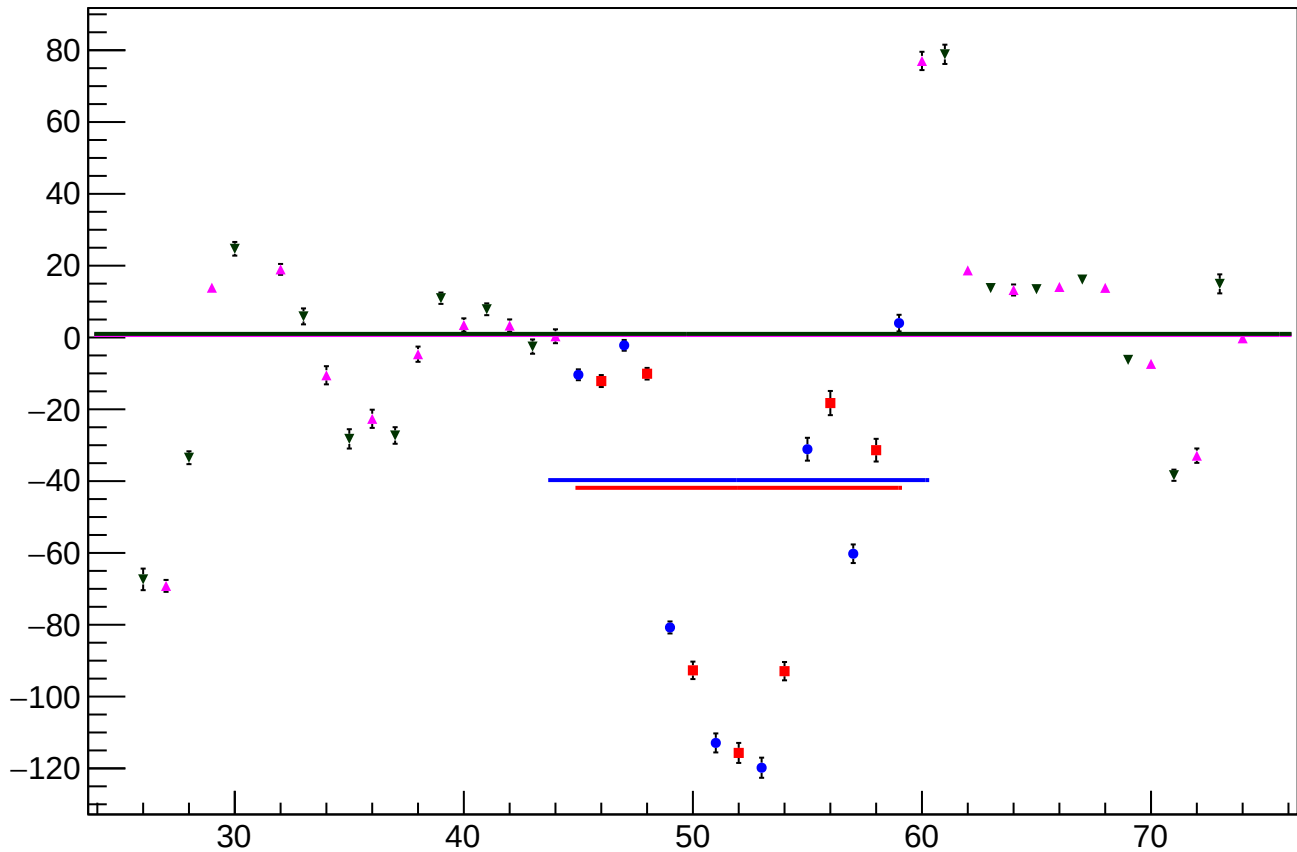
-0.006+/-0.001 χ^2 /NDF: 2969.9/30

Right Out: -0.023+/-0.002 χ^2 /NDF: 2178.9/12

-0.005+/-0.001 χ^2 /NDF: 2508.7/29

Left In: 0.006+/-0.001 χ^2 /NDF:107.7/16

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -39.714 ± 0.718 $\chi^2/\text{NDF}: 3607.8/7$

Left Out: 1.006 ± 0.416 $\chi^2/\text{NDF}: 3272.5/15$

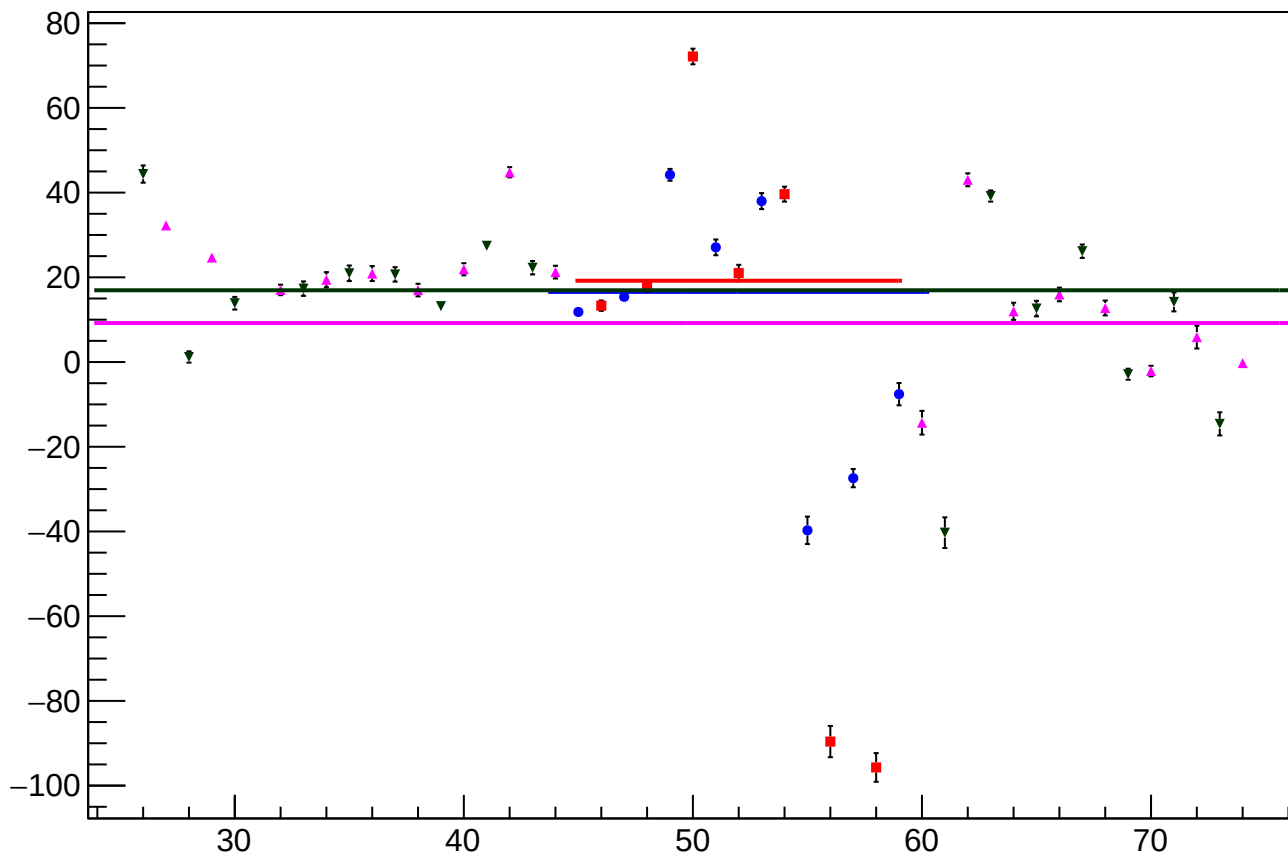
Right Out: -41.865 ± 0.851 $\chi^2/\text{NDF}: 2301.8/6$

Left In: 0.681 ± 0.226 $\chi^2/\text{NDF}: 3849.8/16$

-9.217 ± 0.360 $\chi^2/\text{NDF}: 9289.0/23$

-2.129 ± 0.219 $\chi^2/\text{NDF}: 8485.7/23$

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

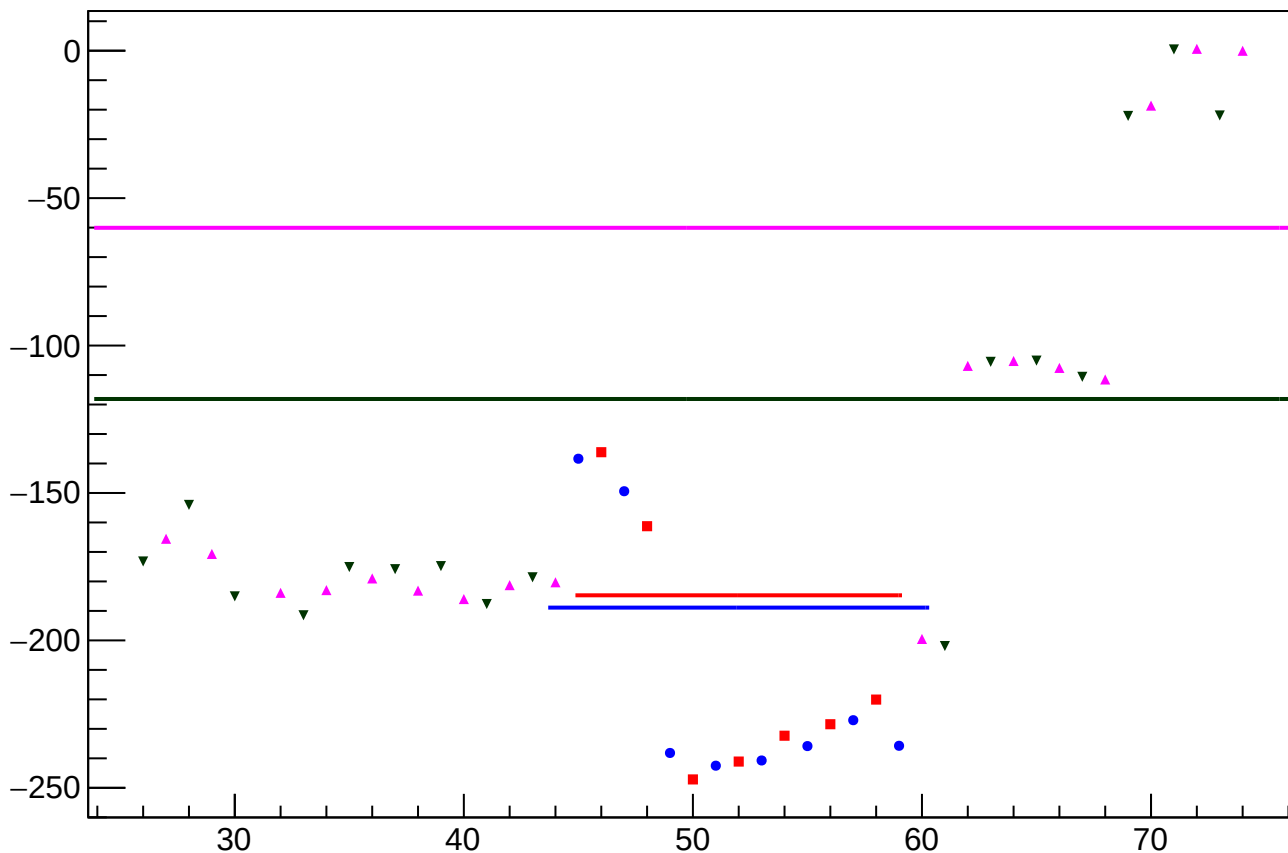
Right Out: 19.197+/-0.667 χ^2/NDF : 3001.0/6

Left In: 9.201+/-0.237 χ^2/NDF :3482.0/16

16.818+/-0.326 χ^2/NDF : 2743.6/23

10.320+/-0.223 χ^2/NDF : 6682.5/23

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

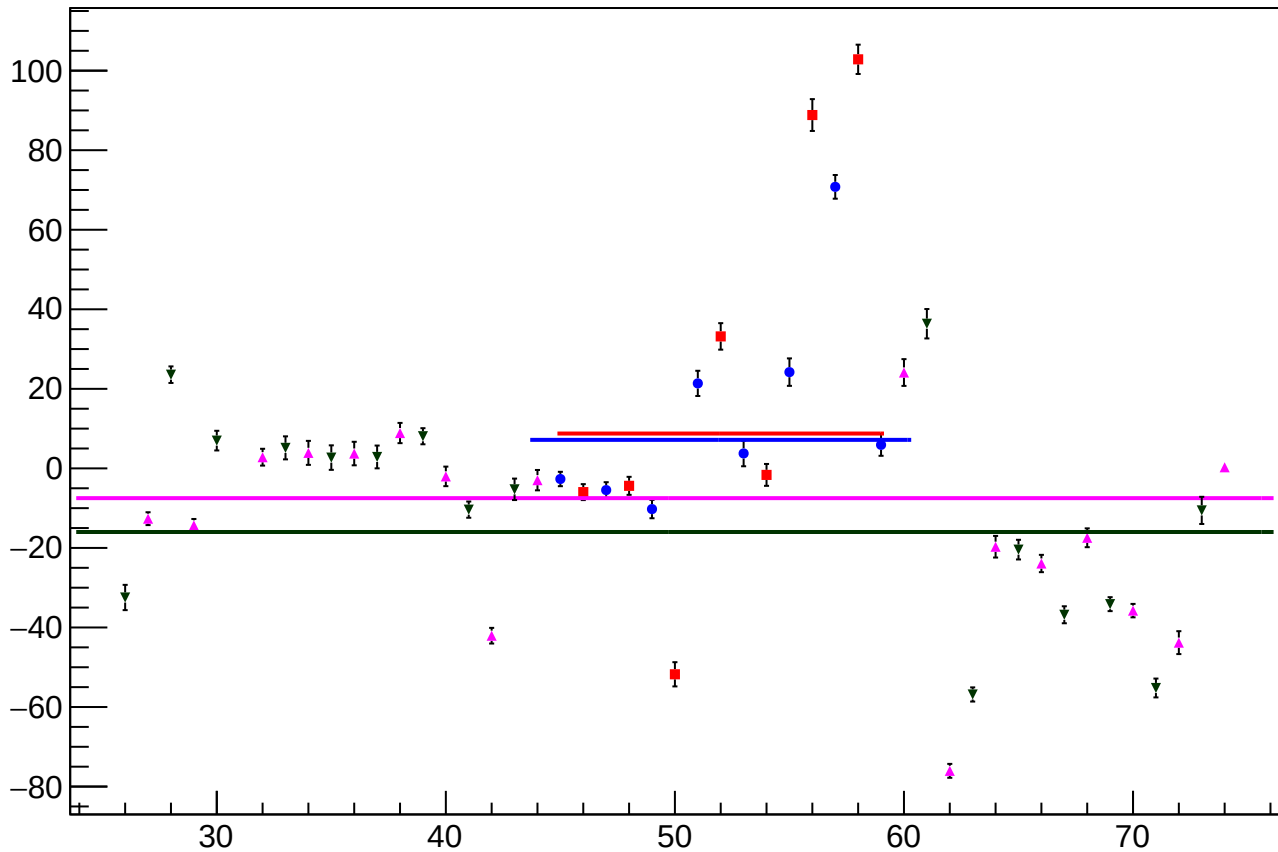
Right Out: -184.707+/-0.143 χ^2/NDF : 98601.6/6

Left In: -60.064+/-0.047 χ^2/NDF : 2551333.0/16

-135.621+/-0.062 χ^2/NDF : 1152220.1/23

-72.120+/-0.045 χ^2/NDF : 3334611.3/23

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

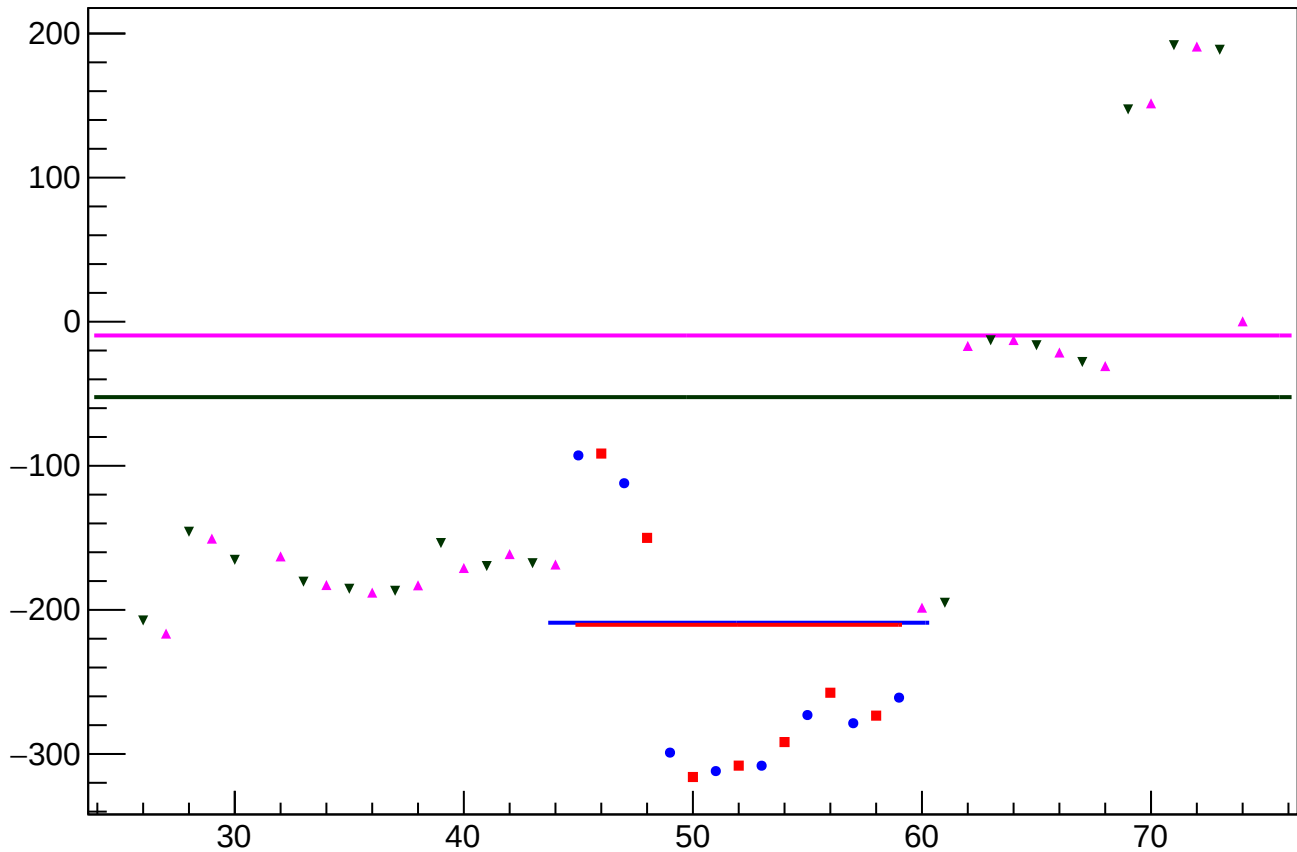
Right Out: 8.762 ± 1.048 χ^2/NDF : 1603.5/6

Left In: -7.482 ± 0.330 χ^2/NDF : 2949.7/16

-8.792 ± 0.494 χ^2/NDF : 3081.5/23

-6.020 ± 0.314 χ^2/NDF : 4771.7/23

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -208.906 $\pm$ 0.172 χ^2 /NDF: 297118.0/7

Left Out: -52.339 $\pm$ 0.107 χ^2 /NDF: 1750575.7/15

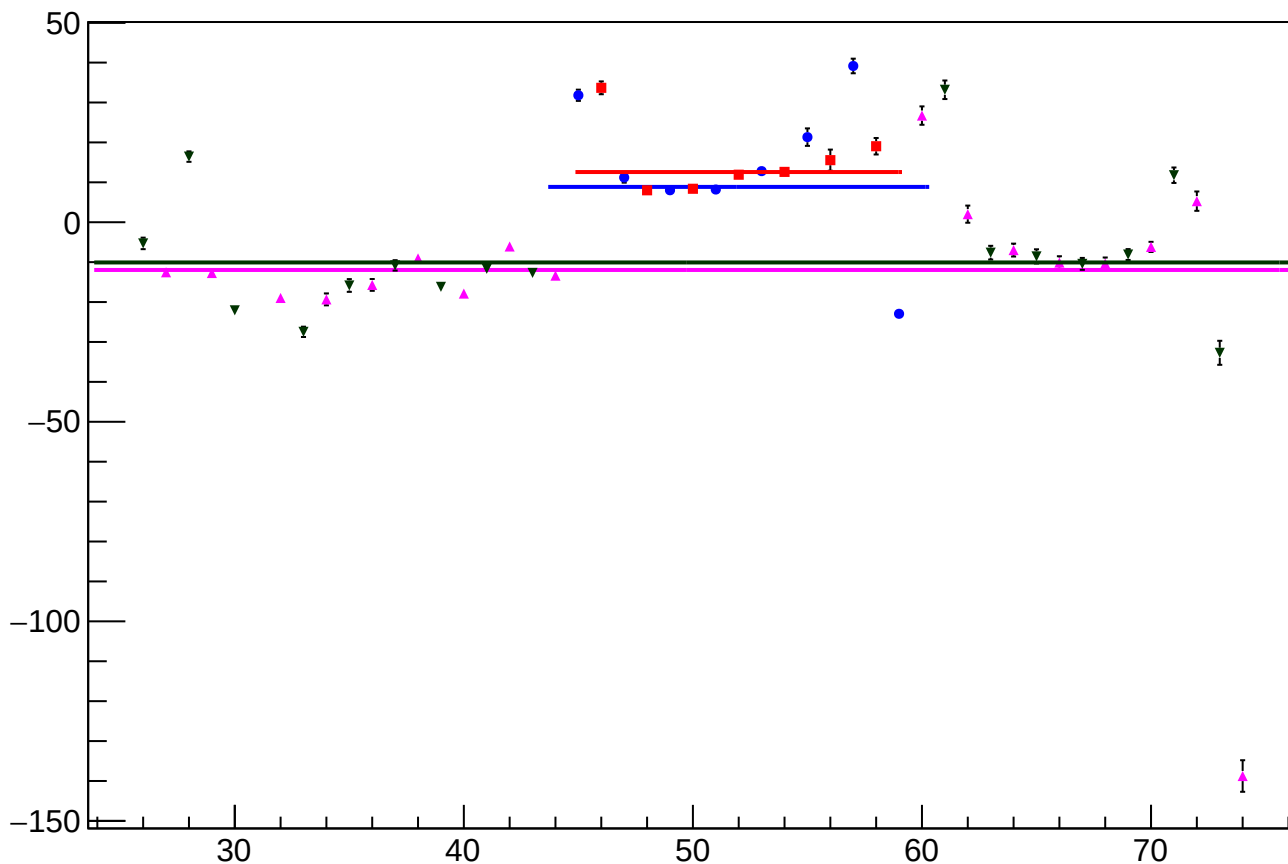
Right Out: -210.336 $\pm$ 0.199 χ^2 /NDF: 208355.2/6

Left In: -9.552 $\pm$ 0.040 χ^2 /NDF: 1838644.8/16

-96.059 $\pm$ 0.091 χ^2 /NDF: 2645316.0/23

-17.256 $\pm$ 0.039 χ^2 /NDF: 3025572.8/23

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 8.852 ± 0.383 χ^2/NDF : 1414.6/7

Left Out: -10.077 ± 0.348 χ^2/NDF : 1299.8/15

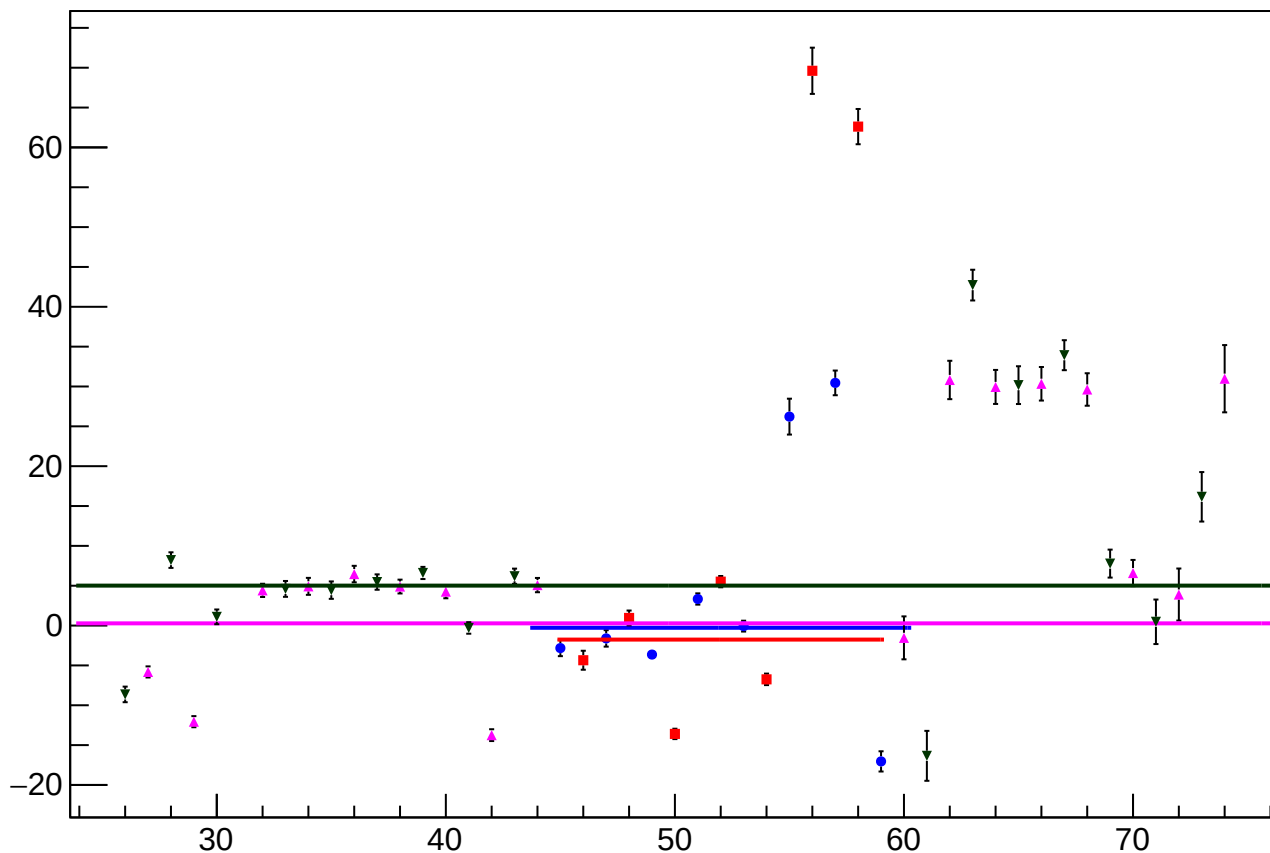
Right Out: 12.577 ± 0.458 χ^2/NDF : 224.5/6

Left In: -11.961 ± 0.325 χ^2/NDF : 1582.7/16

-1.511 ± 0.258 χ^2/NDF : 4051.3/23

-3.743 ± 0.265 χ^2/NDF : 3717.3/23

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.277 ± 0.305 χ^2/NDF : 779.9/7

Left Out: 5.013 ± 0.285 χ^2/NDF : 1079.7/15

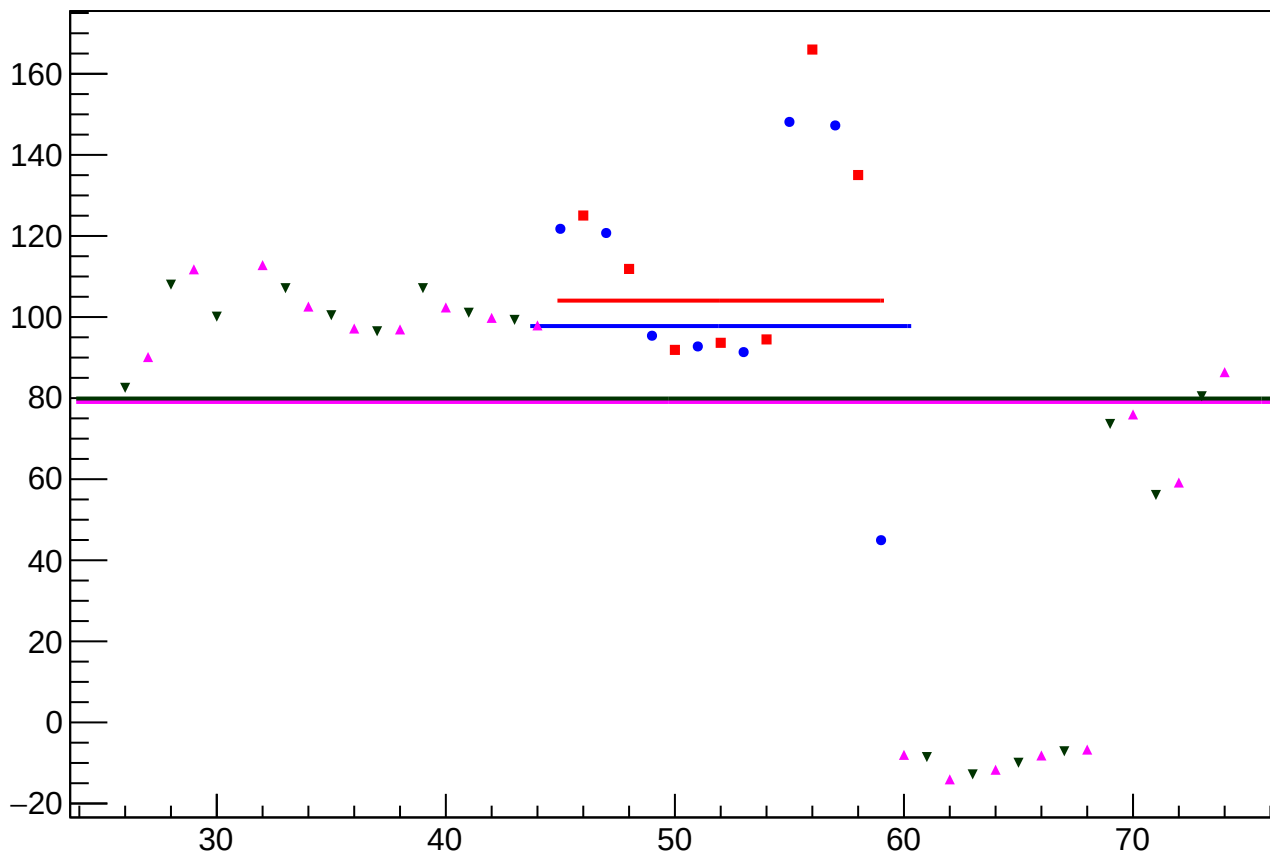
Right Out: -1.759 ± 0.344 χ^2/NDF : 1947.5/6

Left In: 0.278 ± 0.261 χ^2/NDF : 1742.1/16

2.548 ± 0.208 χ^2/NDF : 2020.1/23

-0.464 ± 0.208 χ^2/NDF : 3711.9/23

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 97.776 ± 0.070 $\chi^2/\text{NDF}: 135873.3/7$

Left Out: 79.900 ± 0.059 $\chi^2/\text{NDF}: 488873.3/15$

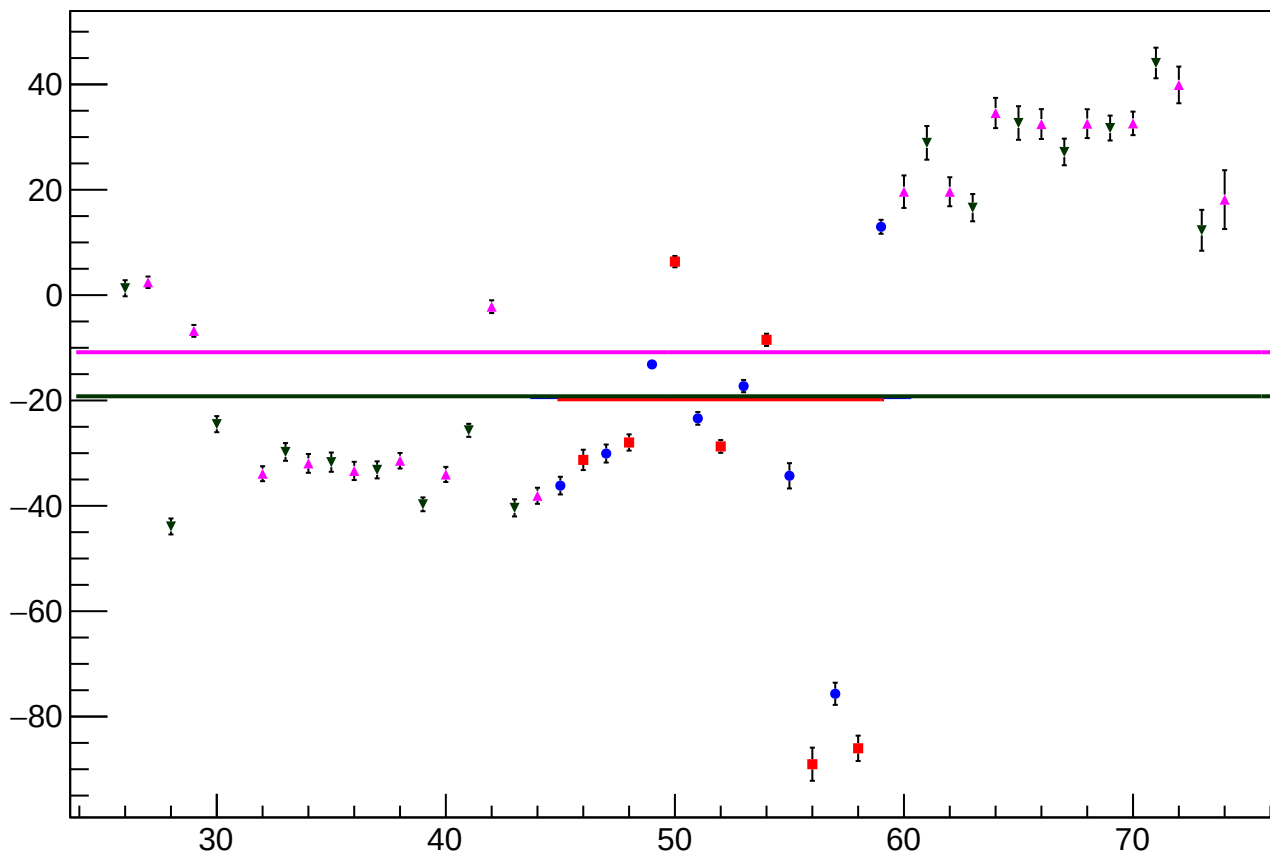
Right Out: 104.053 ± 0.080 $\chi^2/\text{NDF}: 46606.1/6$

Left In: 79.052 ± 0.056 $\chi^2/\text{NDF}: 621342.9/16$

87.322 ± 0.045 $\chi^2/\text{NDF}: 662786.5/23$

87.220 ± 0.046 $\chi^2/\text{NDF}: 733219.9/23$

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.359 $\pm$ 0.479 χ^2 /NDF: 1552.8/7

Left Out: -19.206 $\pm$ 0.456 χ^2 /NDF:3082.7/15

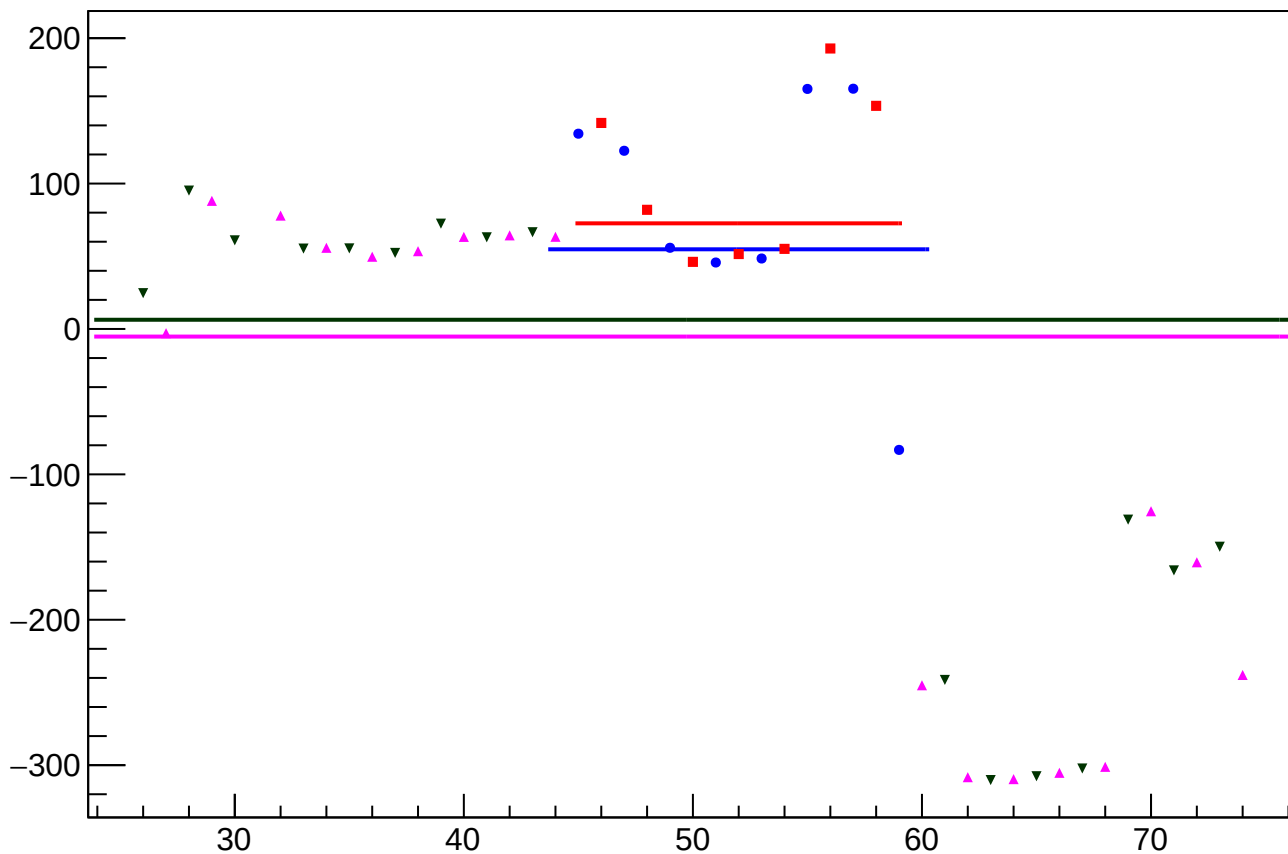
Right Out: -19.780 $\pm$ 0.554 χ^2 /NDF: 2047.5/6

Left In: -10.844 $\pm$ 0.417 χ^2 /NDF:3133.0/16

-19.279 $\pm$ 0.330 χ^2 /NDF: 4635.5/23

-14.068 $\pm$ 0.333 χ^2 /NDF: 5346.6/23

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 54.785 ± 0.091 $\chi^2/\text{NDF}: 532761.5/7$

Left Out: 6.330 ± 0.082 $\chi^2/\text{NDF}: 2035995.8/15$

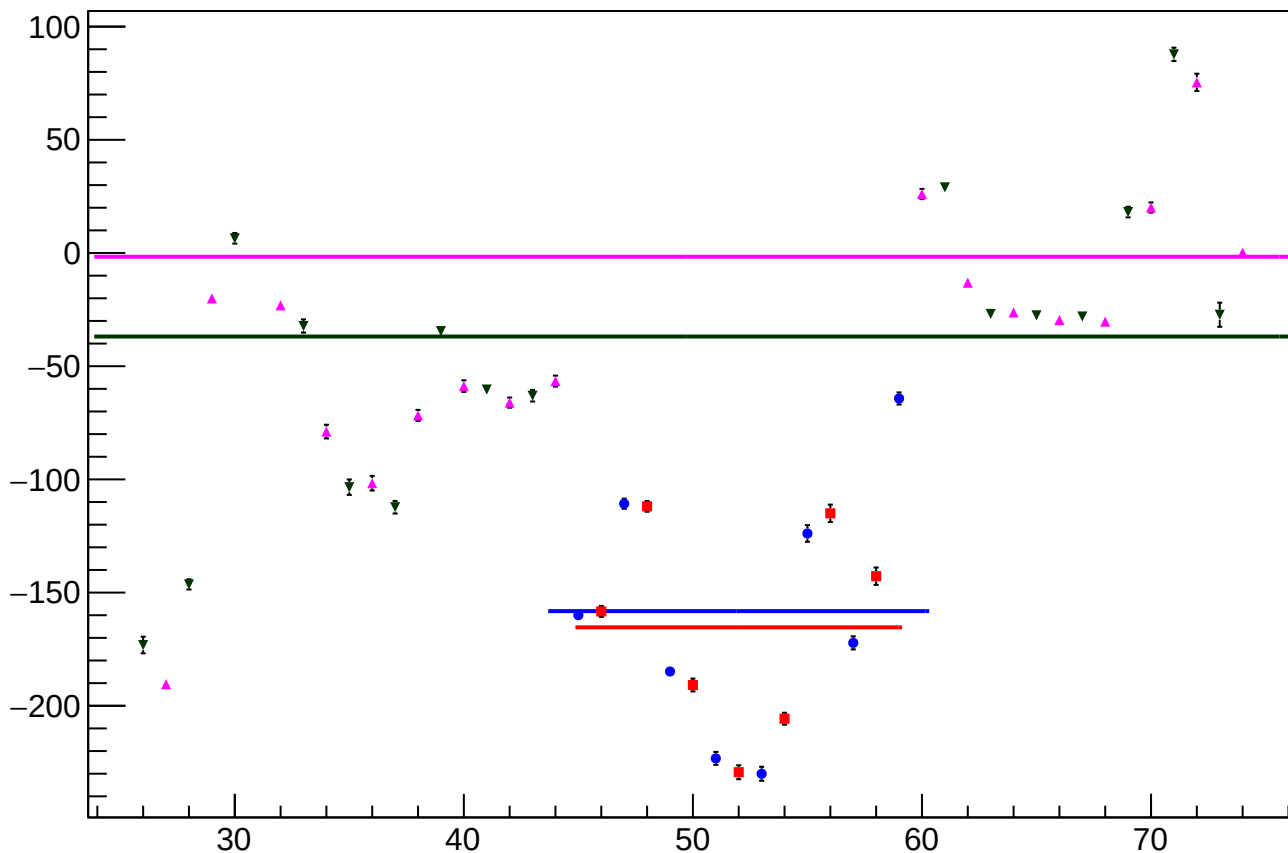
Right Out: 72.640 ± 0.103 $\chi^2/\text{NDF}: 148905.8/6$

Left In: -5.235 ± 0.084 $\chi^2/\text{NDF}: 2359581.0/16$

27.964 ± 0.061 $\chi^2/\text{NDF}: 2724818.4/23$

25.757 ± 0.065 $\chi^2/\text{NDF}: 2852776.5/23$

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

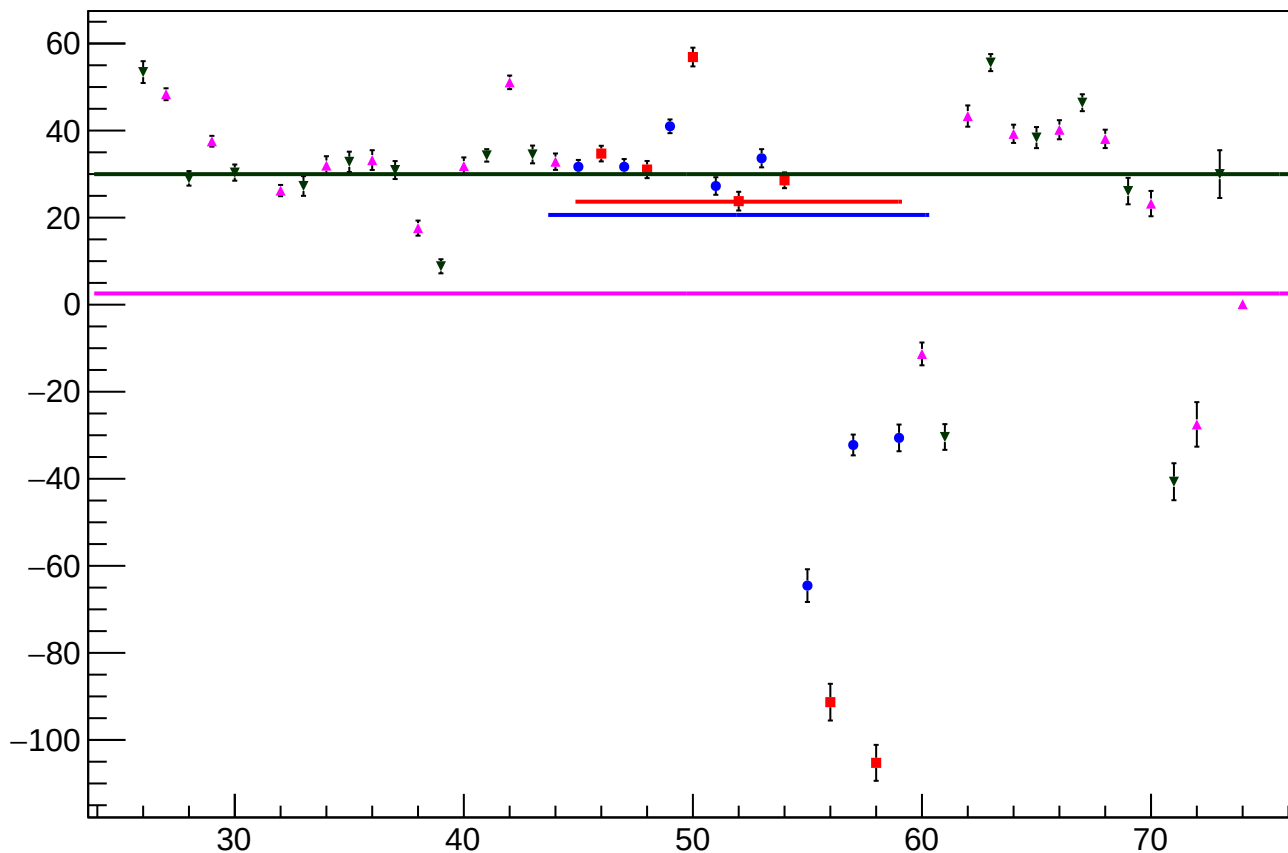
Right Out: -165.347 ± 1.079 χ^2/NDF : 1476.1/6

Left In: -1.649 ± 0.113 χ^2/NDF : 14053.1/16

-72.577 ± 0.486 χ^2/NDF : 24755.2/23

-3.421 ± 0.112 χ^2/NDF : 38278.0/23

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 20.617 $\pm$ 0.717 χ^2 /NDF: 1586.0/7

Left Out: 29.987 $\pm$ 0.532 χ^2 /NDF:1226.0/15

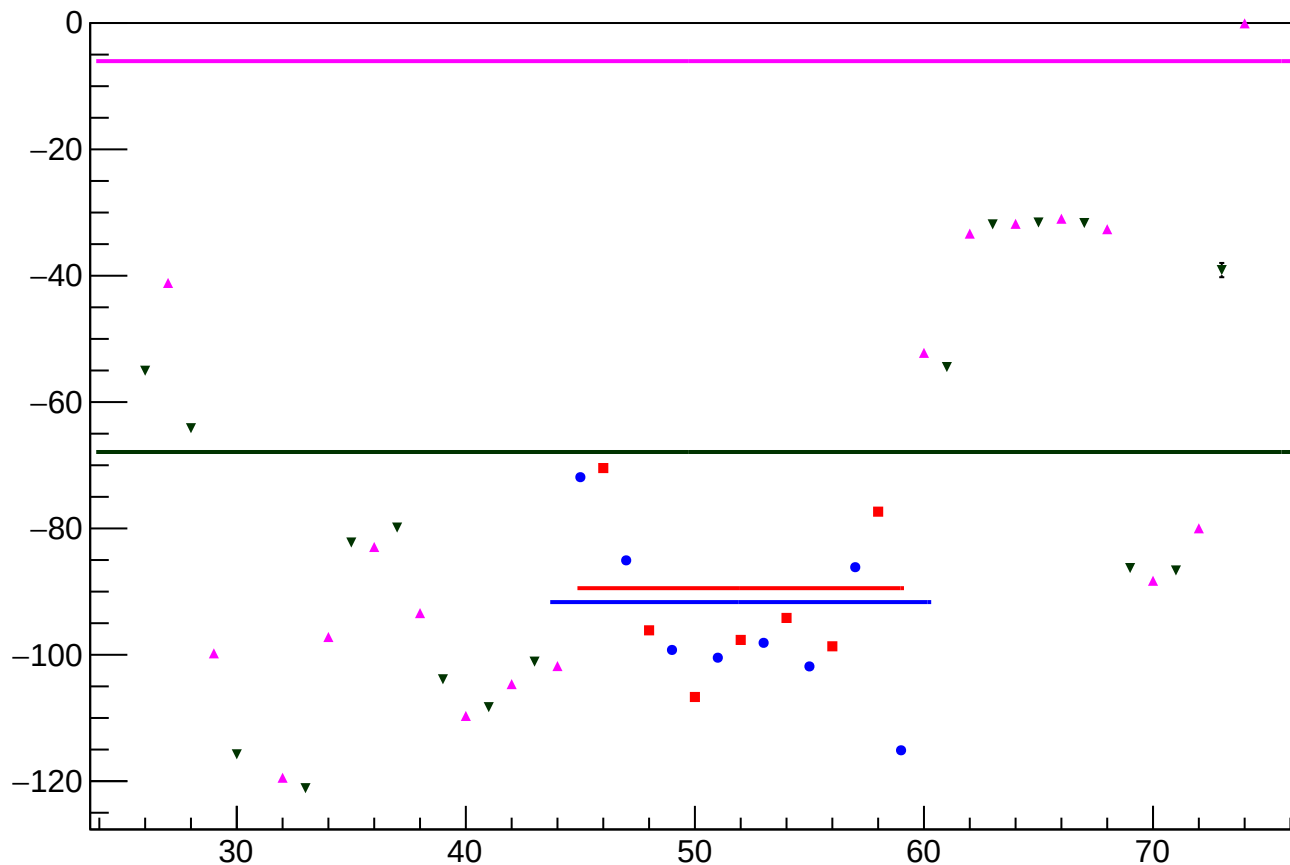
Right Out: 23.662 $\pm$ 0.839 χ^2 /NDF: 2017.2/6

Left In: 2.575 $\pm$ 0.125 χ^2 /NDF:5772.7/16

26.661 $\pm$ 0.427 χ^2 /NDF: 2922.2/23

3.036 $\pm$ 0.124 χ^2 /NDF: 8407.6/23

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -91.658 ± 0.159 χ^2/NDF : 7032.5/7

Left Out: -67.900 ± 0.098 χ^2/NDF : 116551.5/15

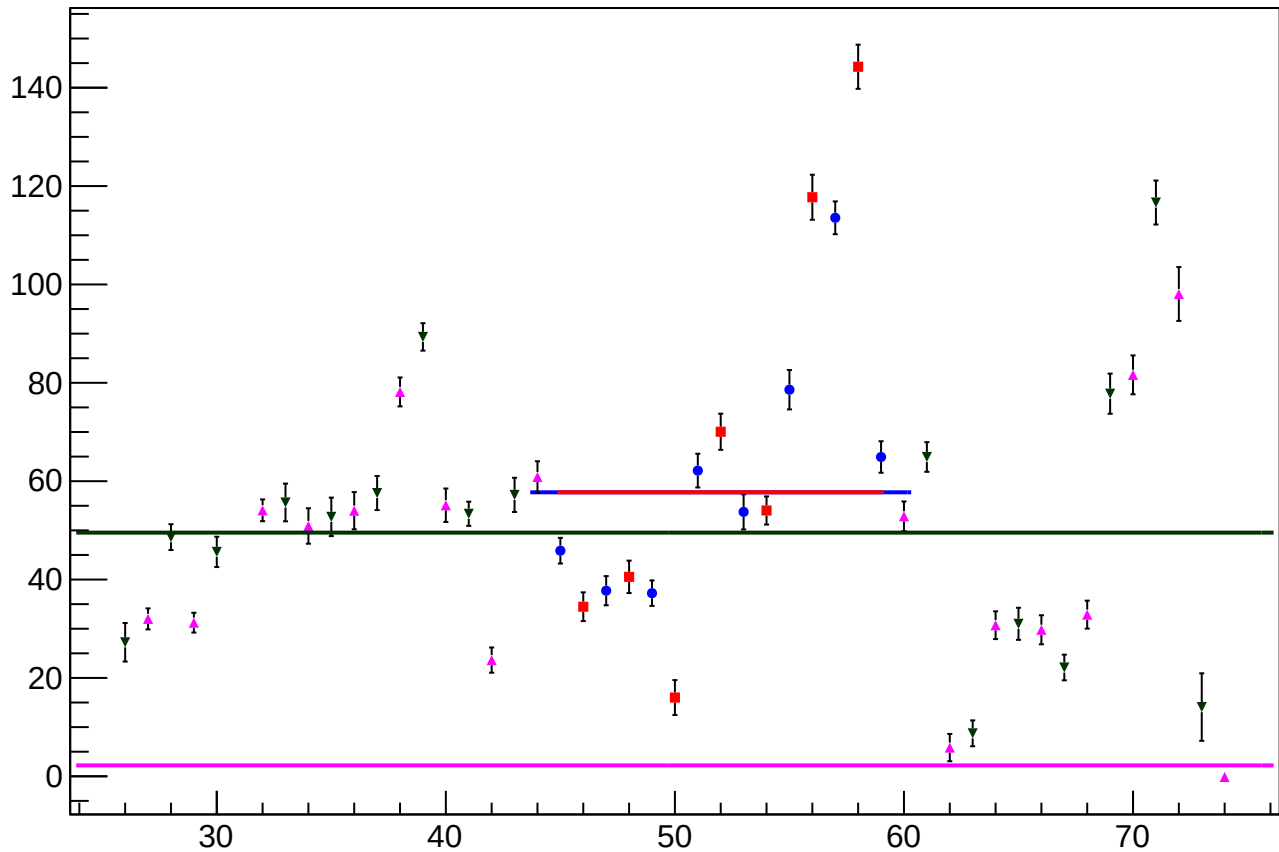
Right Out: -89.456 ± 0.182 χ^2/NDF : 4855.6/6

Left In: -6.034 ± 0.026 χ^2/NDF : 729422.1/16

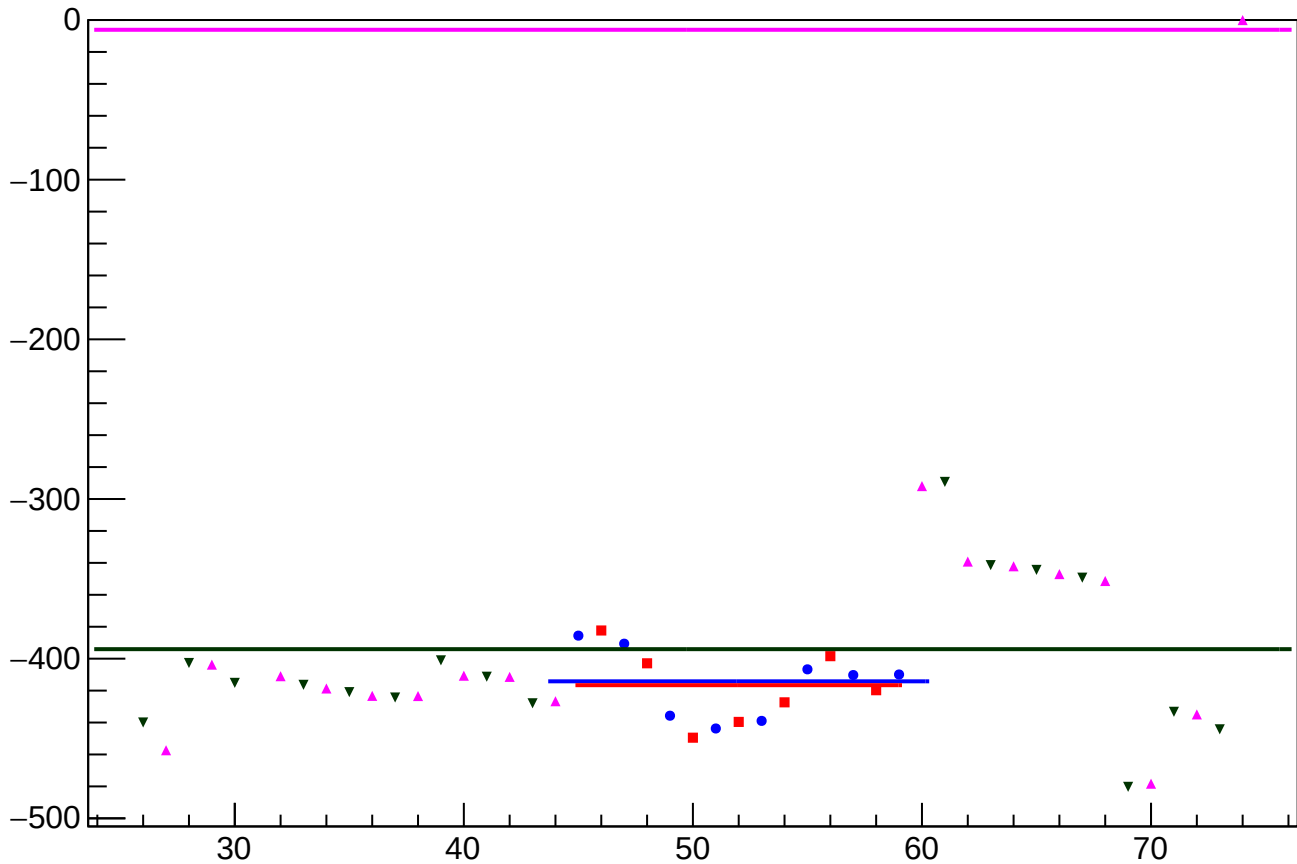
-74.422 ± 0.083 χ^2/NDF : 139874.5/23

-7.672 ± 0.026 χ^2/NDF : 940053.4/23

reg_asym_atr2_diff_bpm4eY_slope vs slug



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

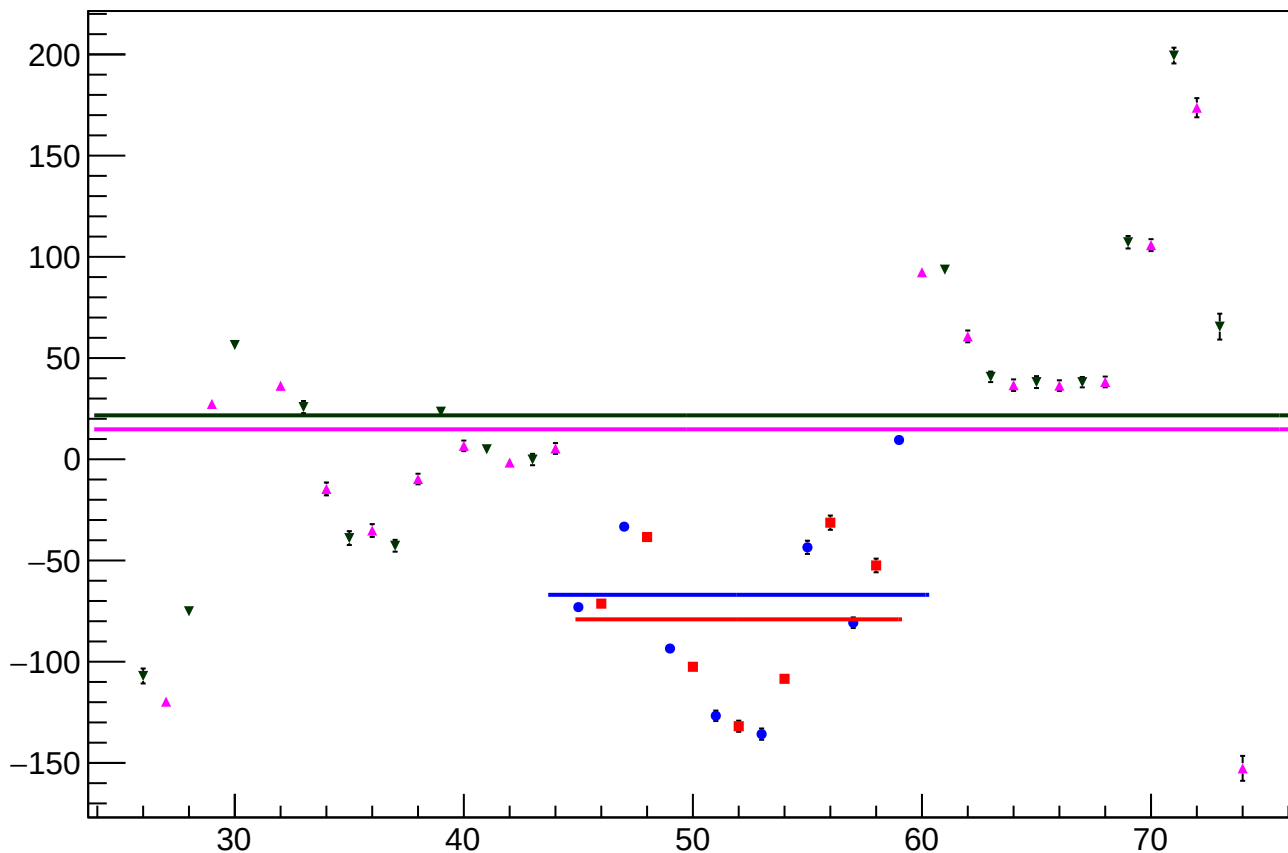
Right Out: -416.609+/-0.249 χ^2/NDF : 8787.5/6

Left In: -6.117+/-0.018 χ^2/NDF : 7588961.7/16

-400.594+/-0.122 χ^2/NDF : 111247.1/23

-8.177+/-0.018 χ^2/NDF : 10298404.7/23

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -66.950 ± 0.797 χ^2/NDF : 3333.1/7

Left Out: 21.694 ± 0.694 χ^2/NDF : 8051.7/15

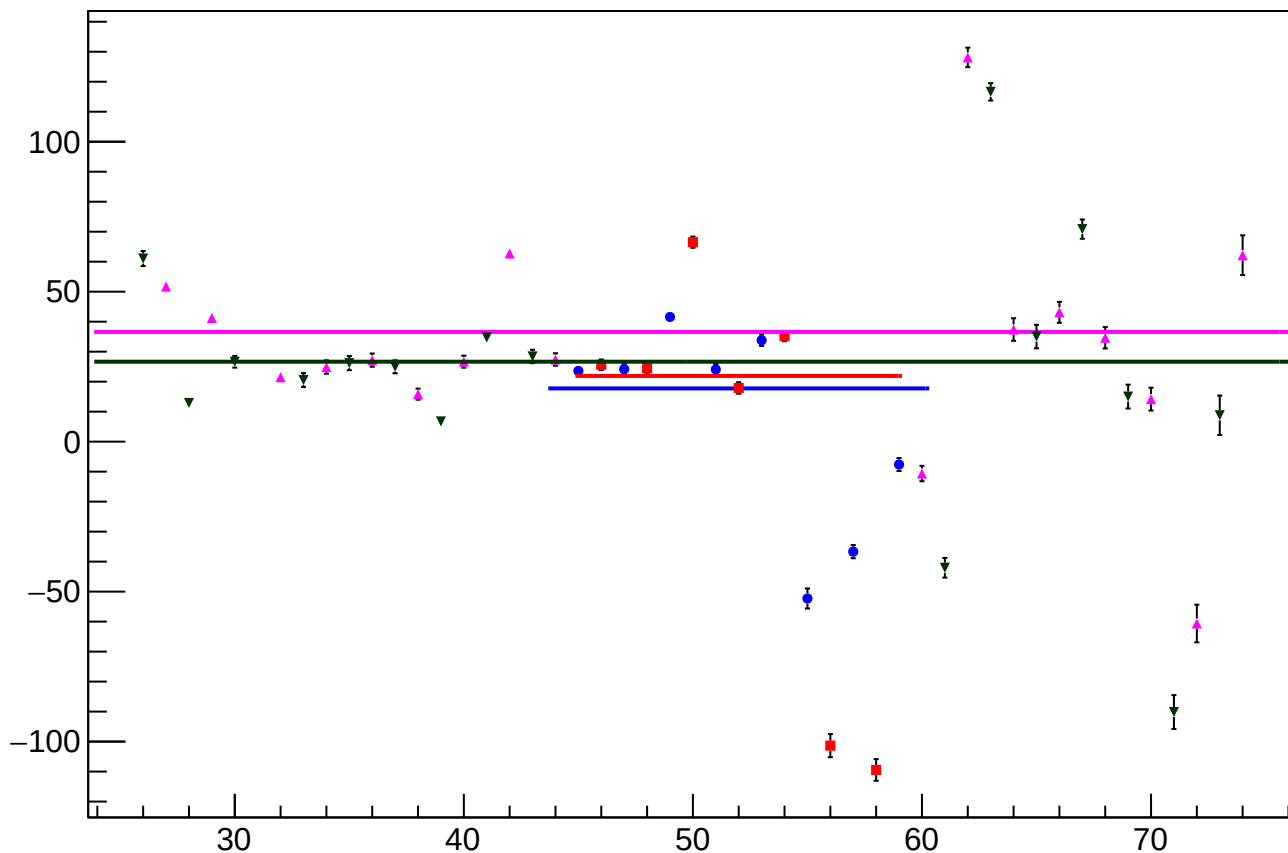
Right Out: -79.066 ± 0.998 χ^2/NDF : 1185.2/6

Left In: 14.797 ± 0.618 χ^2/NDF : 9711.7/16

-16.540 ± 0.523 χ^2/NDF : 18427.7/23

-11.217 ± 0.526 χ^2/NDF : 17285.0/23

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 17.745 $\pm$ 0.651 χ^2 /NDF: 1587.6/7

Left Out: 26.652 $\pm$ 0.592 χ^2 /NDF:2467.2/15

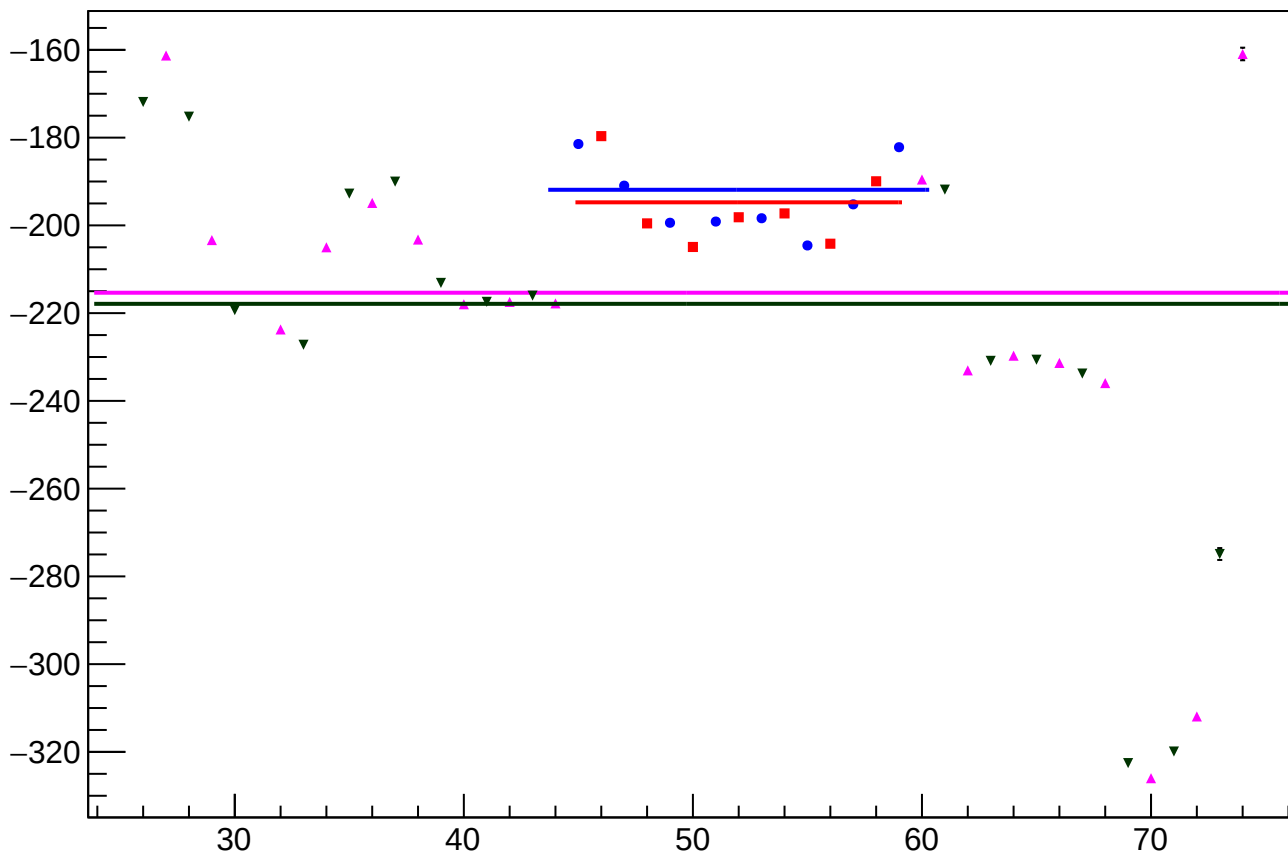
Right Out: 21.905 $\pm$ 0.779 χ^2 /NDF: 2980.8/6

Left In: 36.589 $\pm$ 0.508 χ^2 /NDF:2166.3/16

22.619 $\pm$ 0.438 χ^2 /NDF: 4157.2/23

32.213 $\pm$ 0.425 χ^2 /NDF: 5396.5/23

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

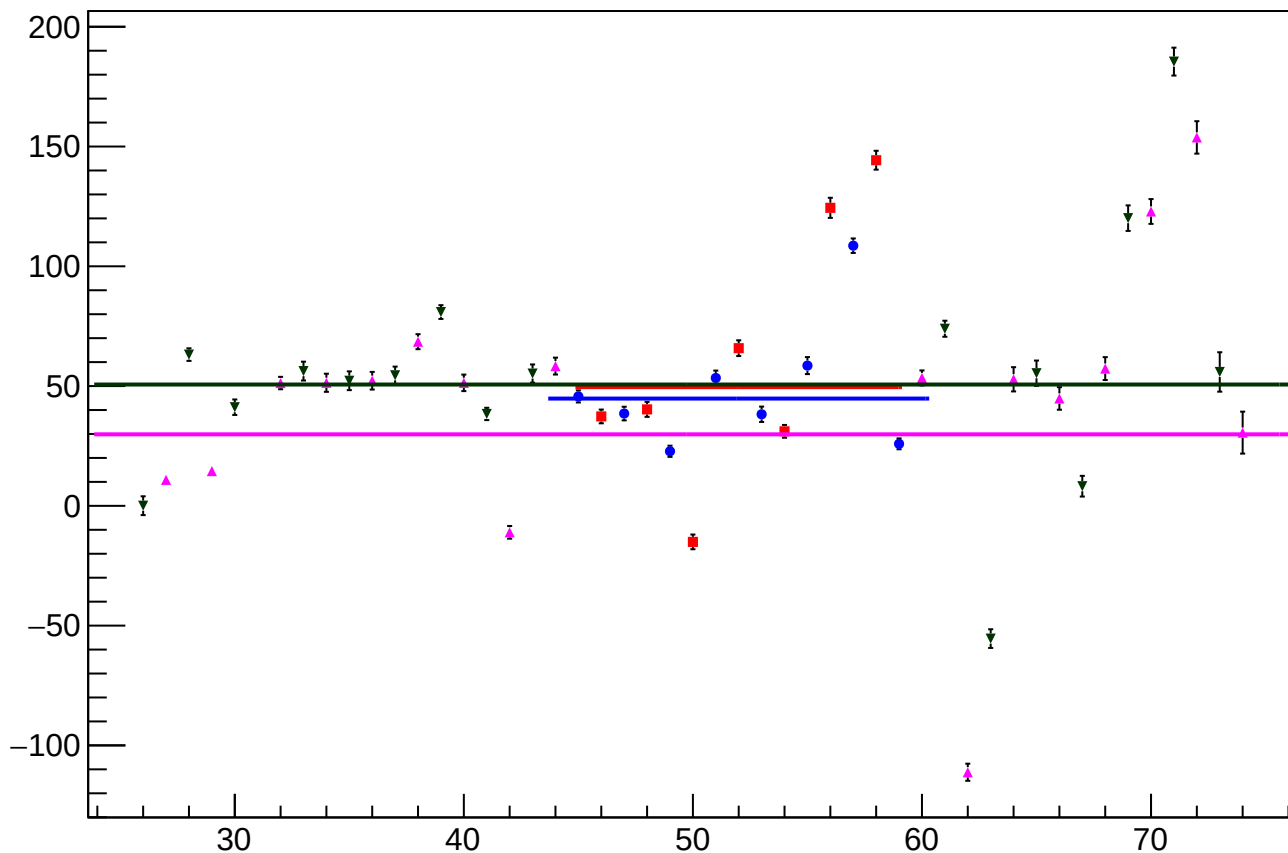
Right Out: -194.746 ± 0.170 χ^2/NDF : 2752.0/6

Left In: -215.349 ± 0.106 χ^2/NDF : 86149.6/16

-207.229 ± 0.091 χ^2/NDF : 104677.1/23

-209.568 ± 0.090 χ^2/NDF : 99453.7/23

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

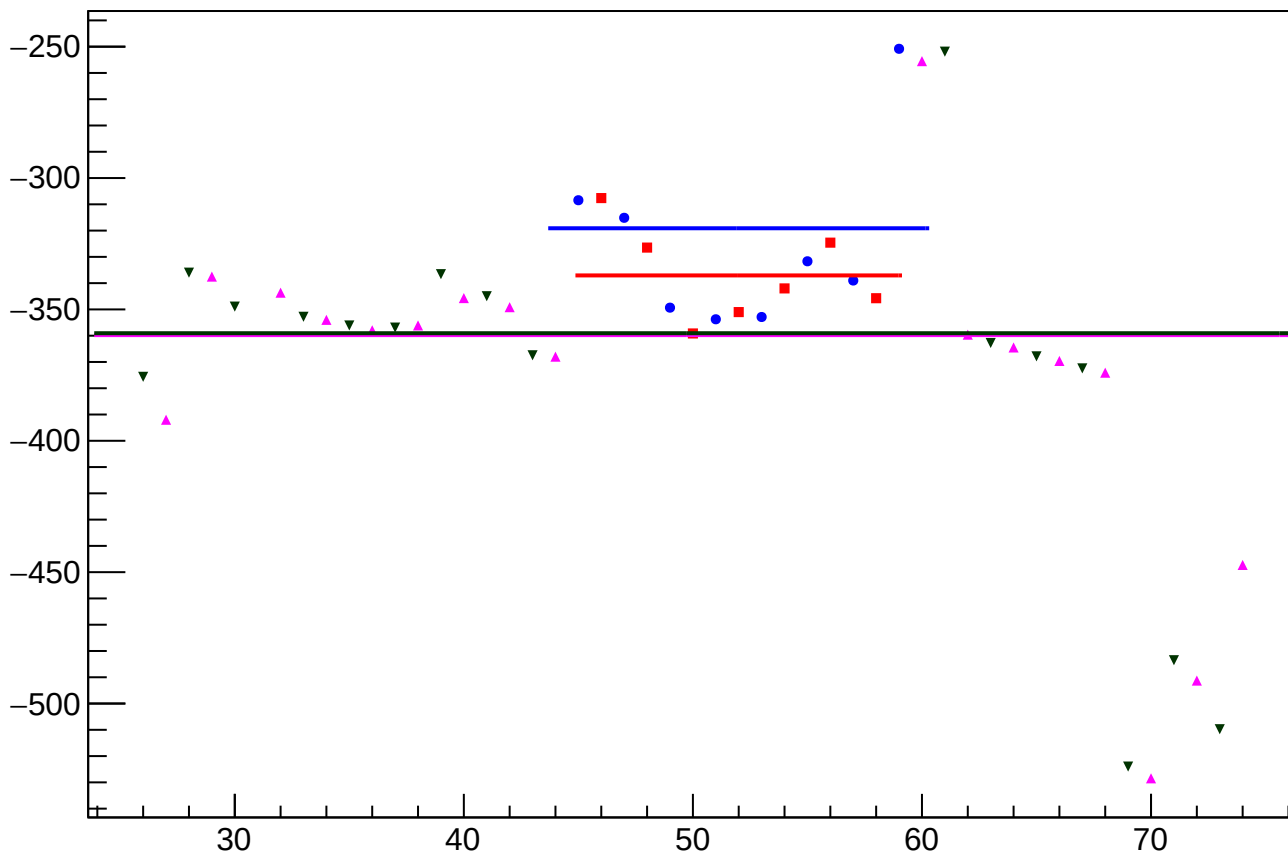
Right Out: 49.566+/-1.210 χ^2/NDF : 1440.7/6

Left In: 29.856+/-0.792 χ^2/NDF : 3123.4/16

47.883+/-0.671 χ^2/NDF : 2579.5/23

35.770+/-0.663 χ^2/NDF : 4749.9/23

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

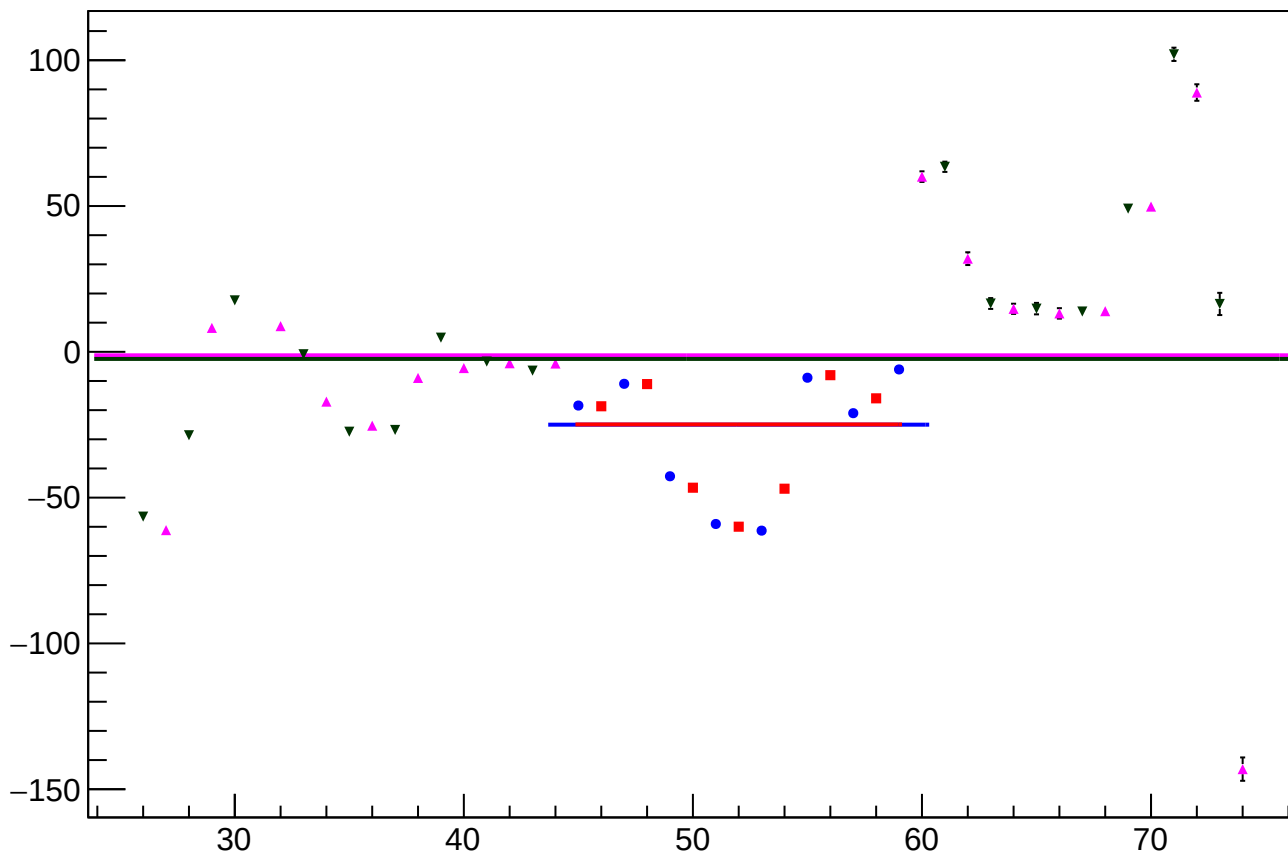
Right Out: -337.059+/-0.229 χ^2/NDF : 5737.2/6

Left In: -359.777+/-0.160 χ^2/NDF : 99408.3/16

-341.272+/-0.126 χ^2/NDF : 160463.8/23

-352.282+/-0.131 χ^2/NDF : 111767.4/23

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 $\chi^2/\text{NDF}: 8896.3/15$

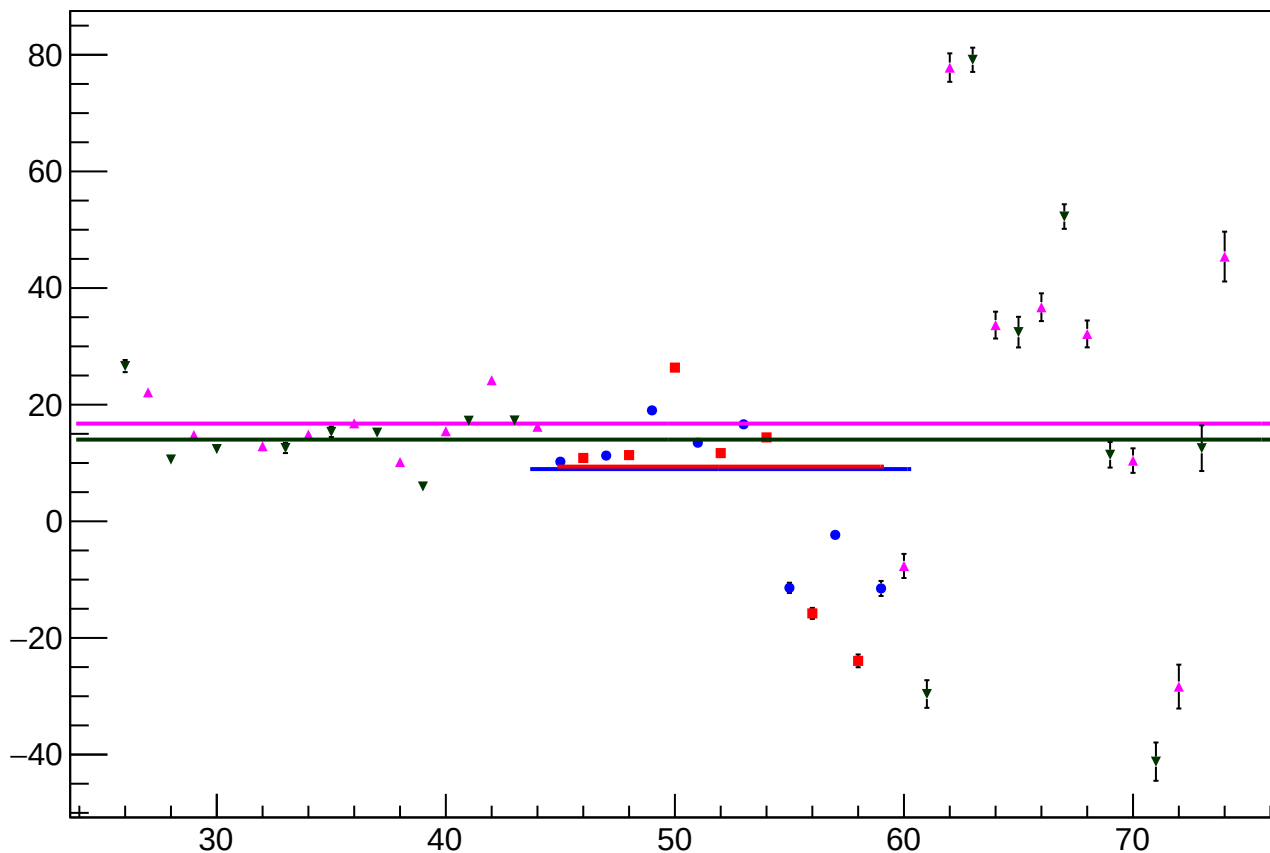
Right Out: -24.900 ± 0.321 $\chi^2/\text{NDF}: 2964.3/6$

Left In: -1.195 ± 0.255 $\chi^2/\text{NDF}: 10491.2/16$

-14.200 ± 0.197 $\chi^2/\text{NDF}: 16227.9/23$

-10.374 ± 0.200 $\chi^2/\text{NDF}: 16802.1/23$

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 8.953 ± 0.216 $\chi^2/\text{NDF}: 1629.6/7$

Left Out: 14.012 ± 0.222 $\chi^2/\text{NDF}: 2445.7/15$

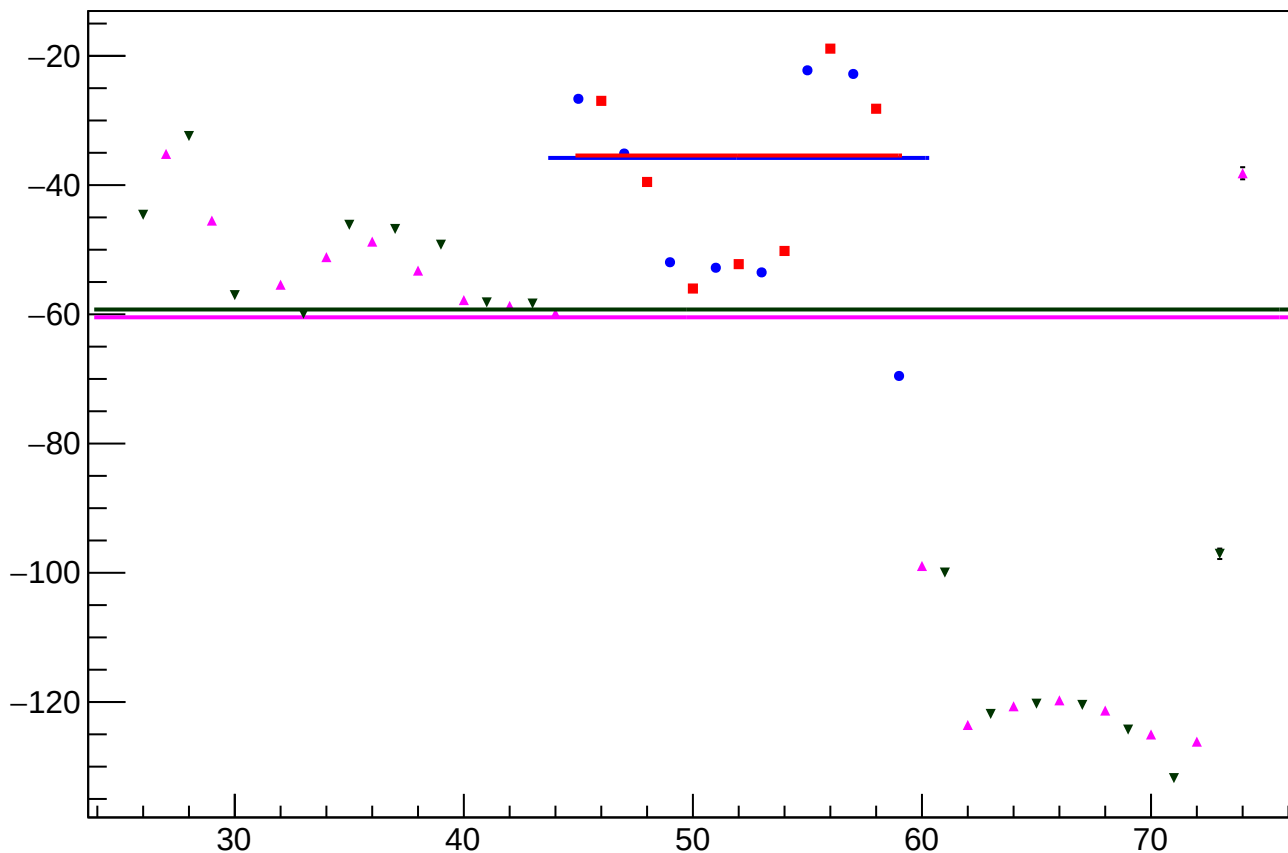
Right Out: 9.378 ± 0.257 $\chi^2/\text{NDF}: 2206.3/6$

Left In: 16.757 ± 0.197 $\chi^2/\text{NDF}: 1561.2/16$

11.407 ± 0.155 $\chi^2/\text{NDF}: 4341.5/23$

14.026 ± 0.157 $\chi^2/\text{NDF}: 4284.8/23$

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 $\chi^2/\text{NDF}: 284520.6/15$

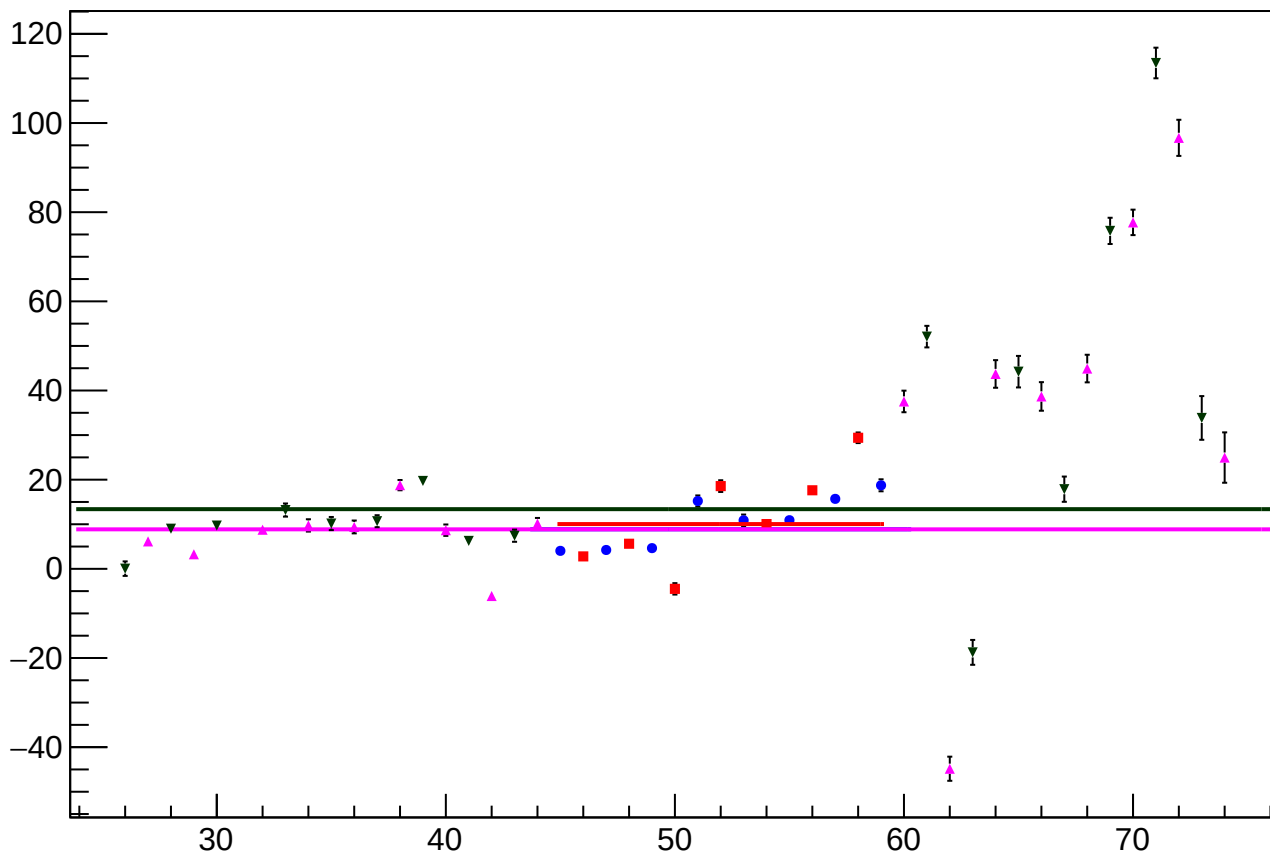
Right Out: -35.420 ± 0.054 $\chi^2/\text{NDF}: 51164.7/6$

Left In: -60.460 ± 0.044 $\chi^2/\text{NDF}: 291029.2/16$

-47.311 ± 0.034 $\chi^2/\text{NDF}: 491155.7/23$

-50.493 ± 0.034 $\chi^2/\text{NDF}: 473161.2/23$

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

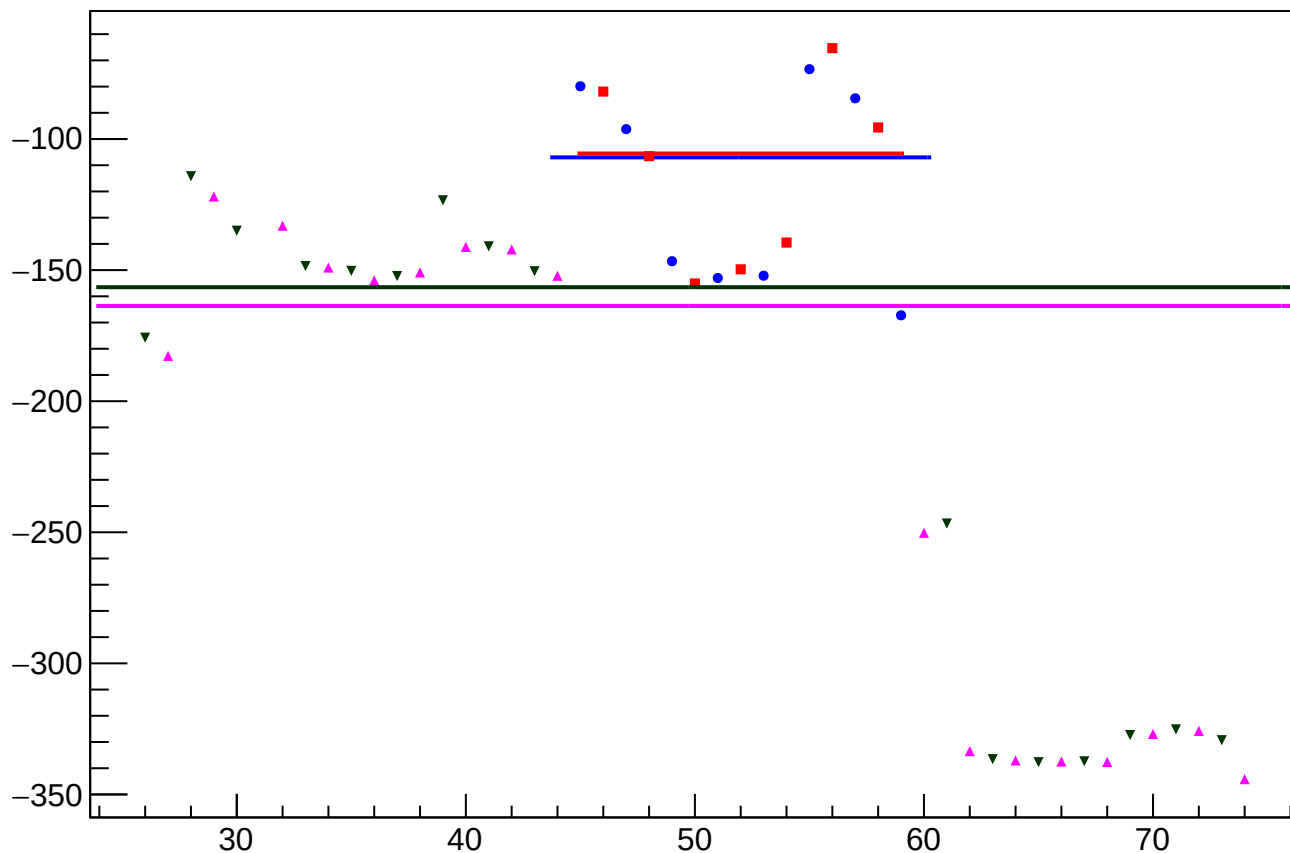
Right Out: 10.040 ± 0.390 χ^2/NDF : 599.8/6

Left In: 8.858 ± 0.321 χ^2/NDF : 2326.8/16

10.924 ± 0.244 χ^2/NDF : 2357.3/23

9.335 ± 0.248 χ^2/NDF : 2932.0/23

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -106.999±/0.065 χ^2/NDF : 273940.9/7

Left Out: -156.514±/0.067 χ^2/NDF : 739745.0/15

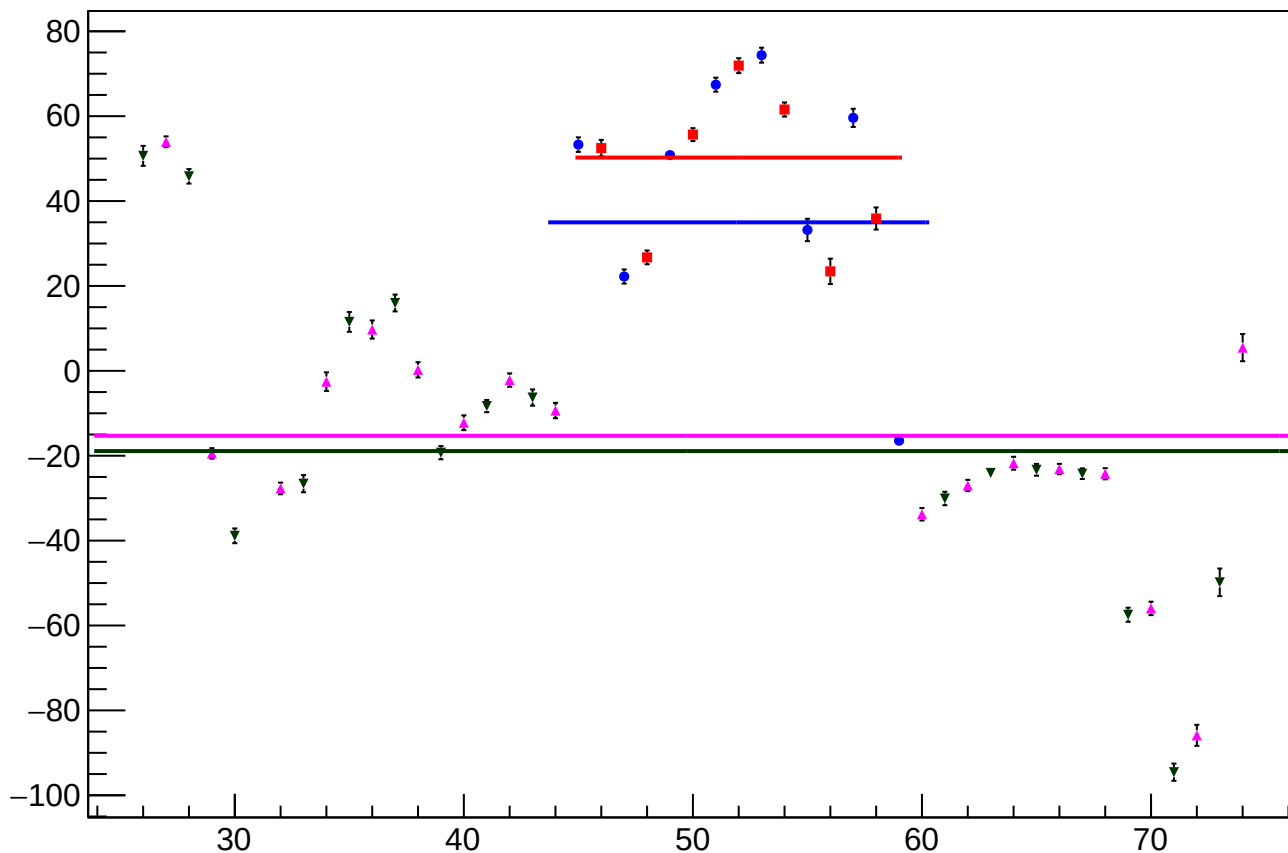
Right Out: -105.515±/0.074 χ^2/NDF : 181531.1/6

Left In: -163.663±/0.066 χ^2/NDF : 799387.4/16

-130.803±/0.047 χ^2/NDF : 1295472.7/23

-137.783±/0.049 χ^2/NDF : 1324392.2/23

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 $\chi^2/\text{NDF}: 5145.9/15$

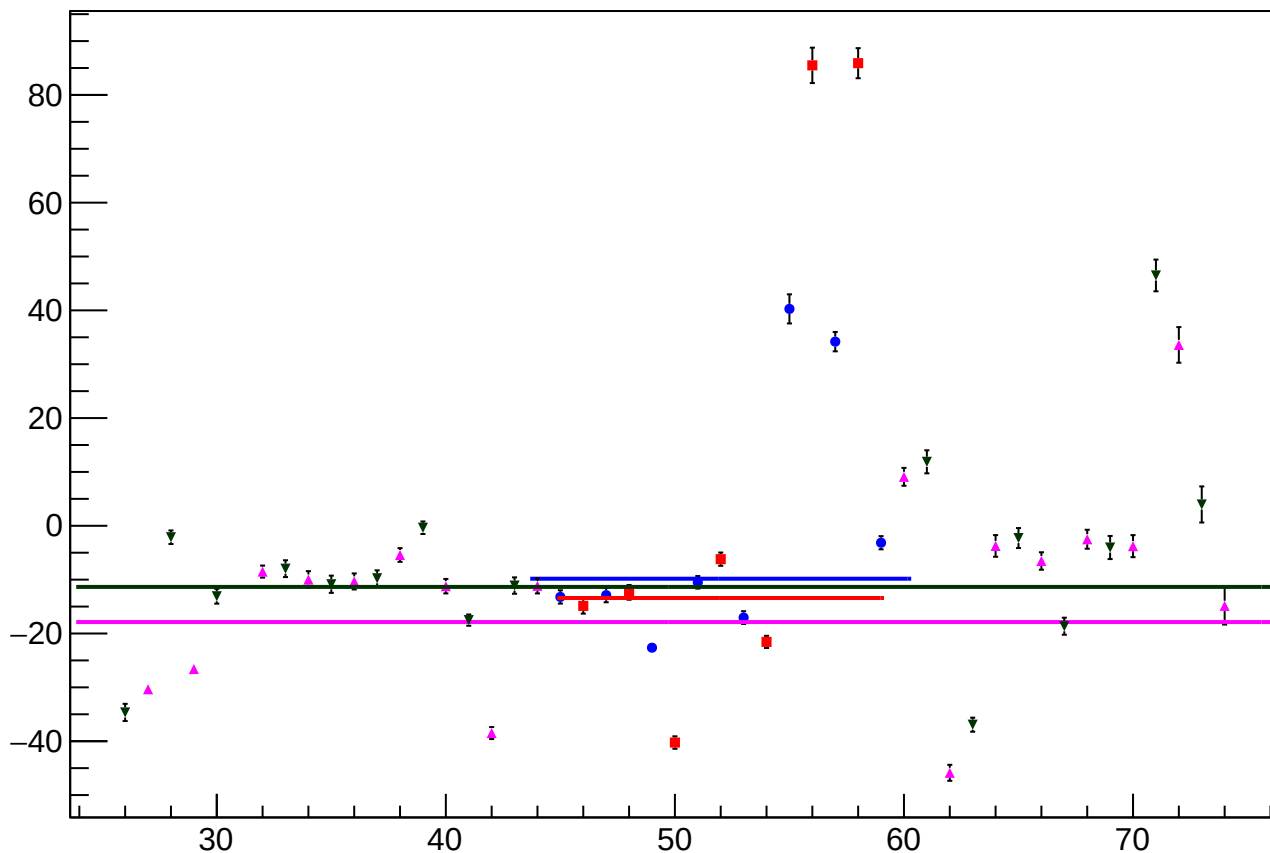
Right Out: 50.248 ± 0.704 $\chi^2/\text{NDF}: 531.0/6$

Left In: -15.299 ± 0.380 $\chi^2/\text{NDF}: 5219.3/16$

1.502 ± 0.331 $\chi^2/\text{NDF}: 15075.6/23$

-0.524 ± 0.334 $\chi^2/\text{NDF}: 12468.1/23$

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -9.827+/-0.448 χ^2/NDF : 1219.3/7

Left Out: -11.351+/-0.383 χ^2/NDF :1363.6/15

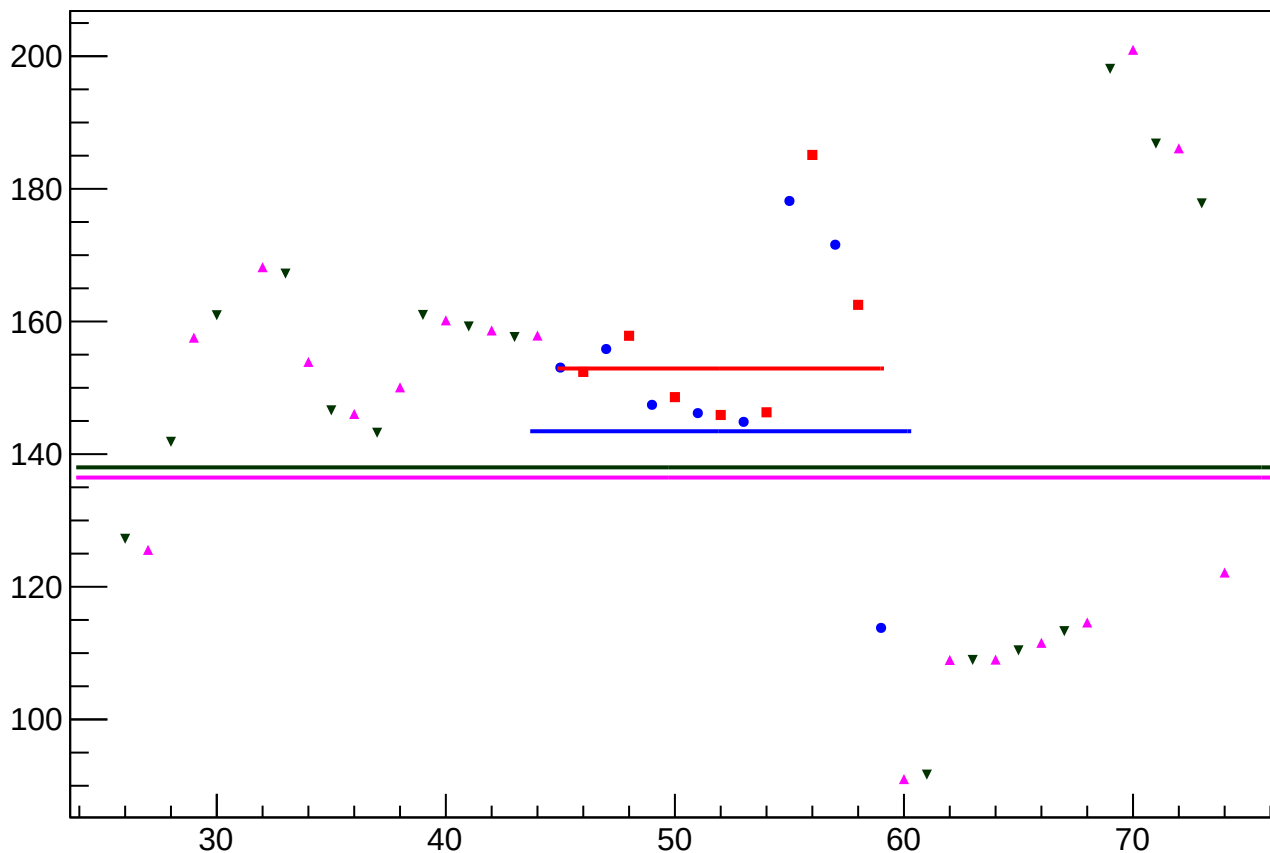
Right Out: -13.406+/-0.540 χ^2/NDF : 2798.8/6

Left In: -17.874+/-0.332 χ^2/NDF :2031.6/16

-10.707+/-0.291 χ^2/NDF : 2589.6/23

-16.650+/-0.283 χ^2/NDF : 4880.2/23

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 143.452 ± 0.097 $\chi^2/\text{NDF}: 38279.9/7$

Left Out: 138.006 ± 0.071 $\chi^2/\text{NDF}: 166537.9/15$

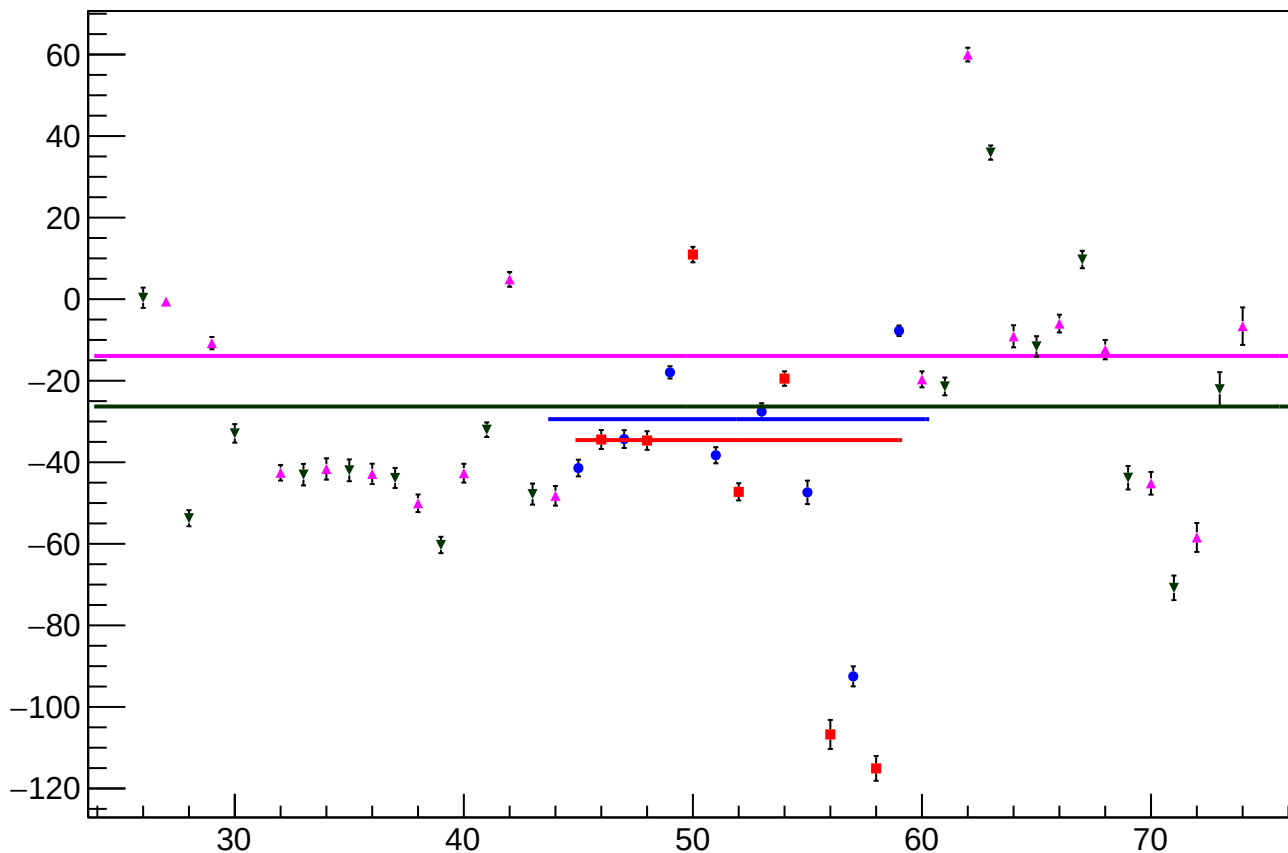
Right Out: 152.913 ± 0.121 $\chi^2/\text{NDF}: 5866.6/6$

Left In: 136.471 ± 0.065 $\chi^2/\text{NDF}: 191936.0/16$

139.925 ± 0.057 $\chi^2/\text{NDF}: 206865.6/23$

140.154 ± 0.057 $\chi^2/\text{NDF}: 212065.0/23$

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.428 ± 0.662 χ^2/NDF : 1101.2/7

Left Out: -26.326 ± 0.580 χ^2/NDF : 2651.2/15

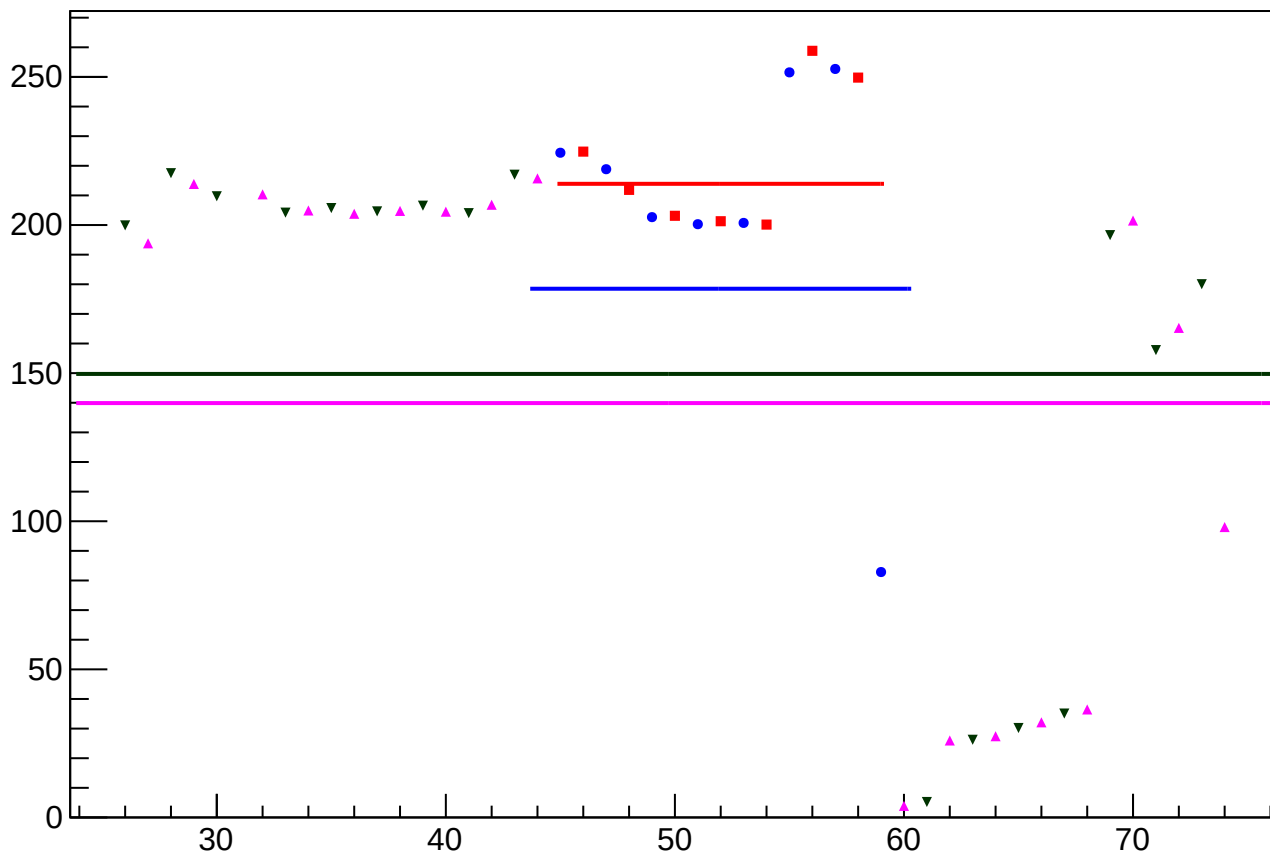
Right Out: -34.563 ± 0.851 χ^2/NDF : 1791.8/6

Left In: -13.925 ± 0.503 χ^2/NDF : 3549.8/16

-27.673 ± 0.436 χ^2/NDF : 3764.8/23

-19.263 ± 0.433 χ^2/NDF : 5777.2/23

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

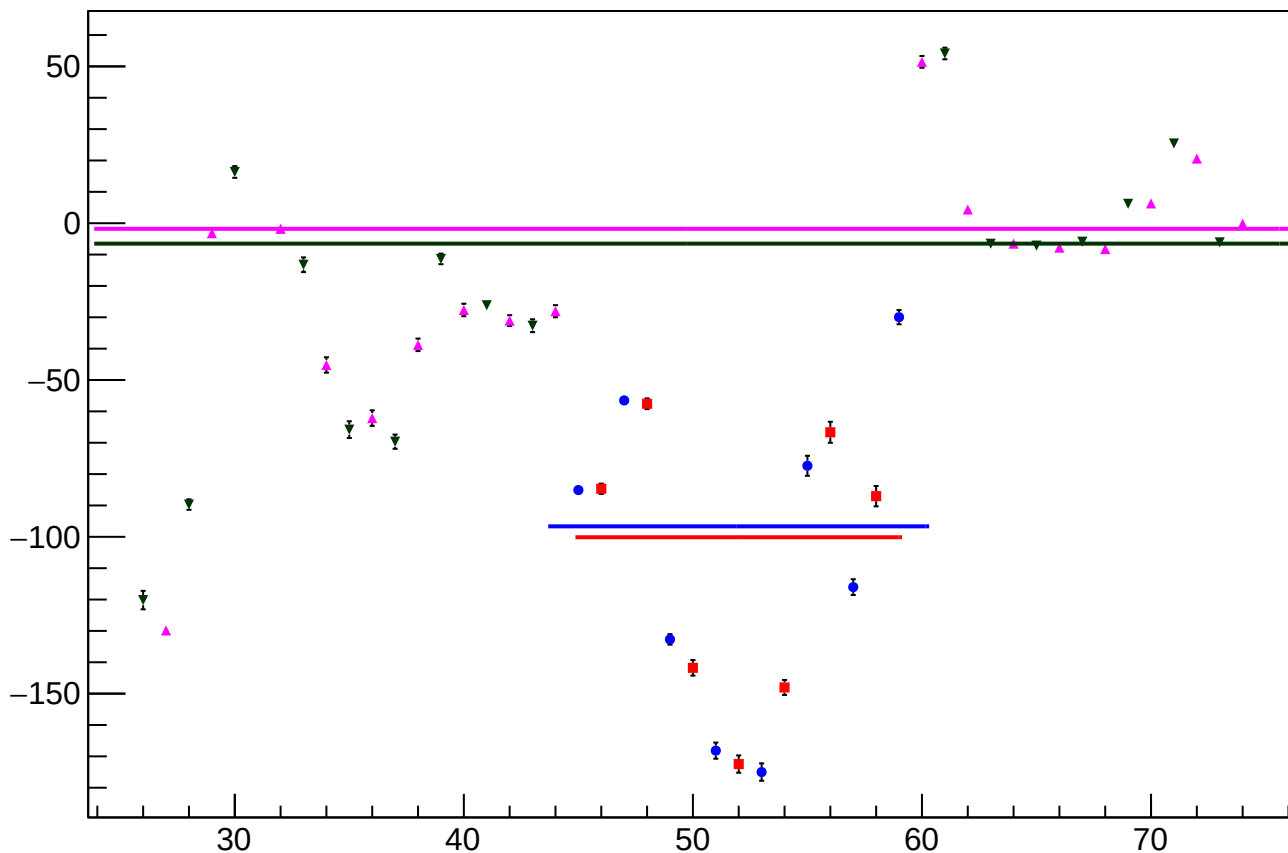
Right Out: 213.915 $\pm$ 0.160 χ^2 /NDF: 13311.8/6

Left In: 139.891 $\pm$ 0.100 χ^2 /NDF: 724972.9/16

161.431 $\pm$ 0.081 χ^2 /NDF: 875230.2/23

160.571 $\pm$ 0.085 χ^2 /NDF: 892308.8/23

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -96.660 ± 0.712 $\chi^2/\text{NDF}: 3715.1/7$

Left Out: -6.515 ± 0.344 $\chi^2/\text{NDF}: 8233.8/15$

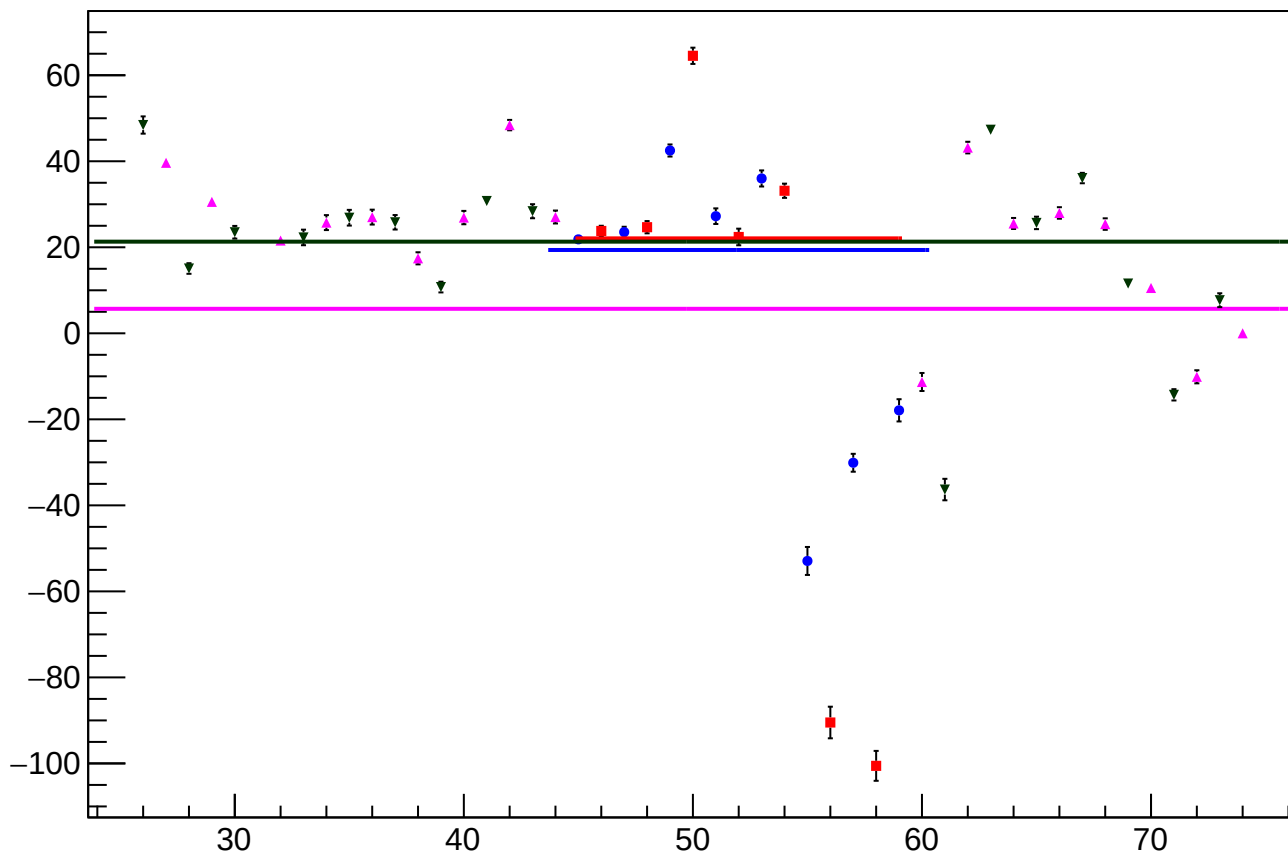
Right Out: -100.137 ± 0.856 $\chi^2/\text{NDF}: 2192.7/6$

Left In: -1.792 ± 0.138 $\chi^2/\text{NDF}: 10050.1/16$

-23.541 ± 0.310 $\chi^2/\text{NDF}: 24941.2/23$

-4.290 ± 0.136 $\chi^2/\text{NDF}: 25120.1/23$

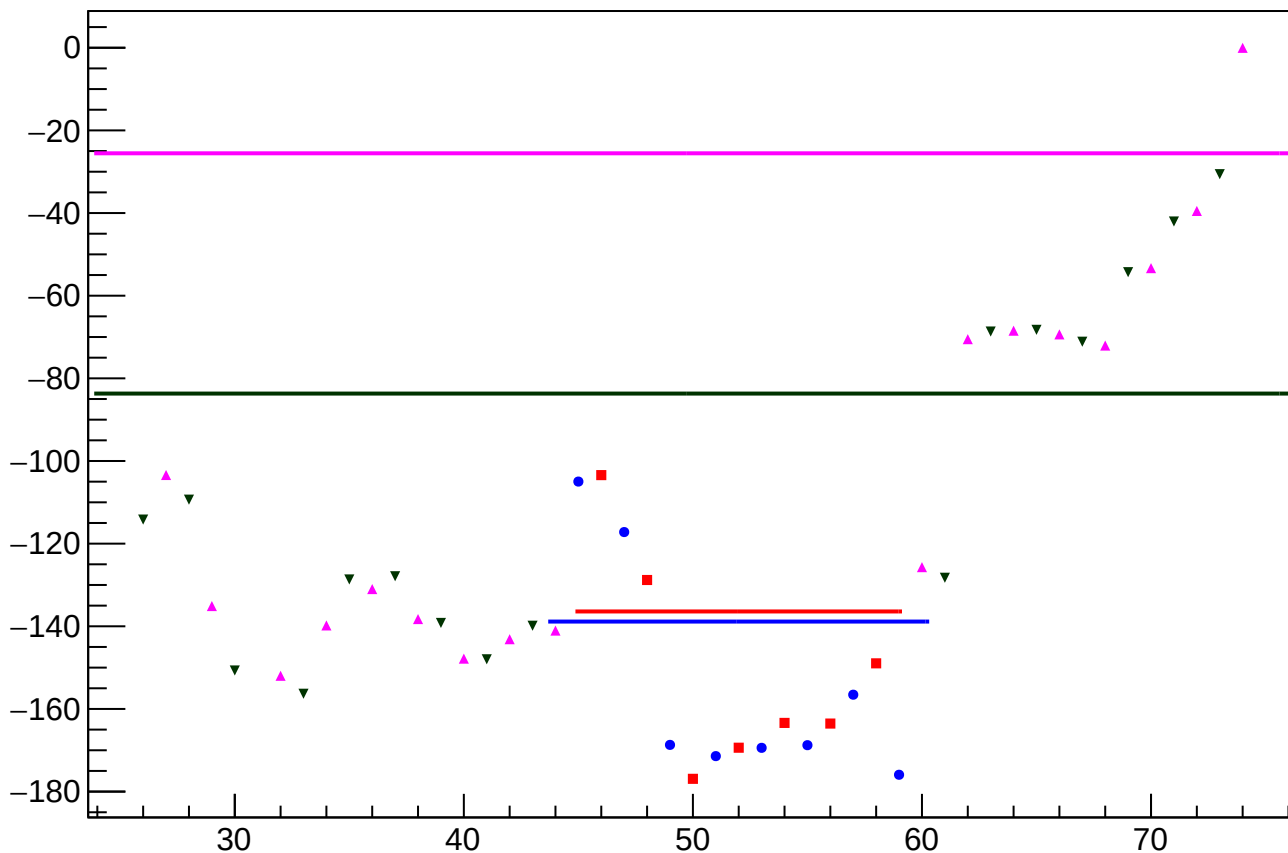
reg_asym_atr_avg_diff_bpm4aY_slope vs slug



20.763 $\pm$ 0.300 $\chi^2/\text{NDF}: 4156.0/23$

6.499 $\pm$ 0.148 $\chi^2/\text{NDF}: 10195.6/23$

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

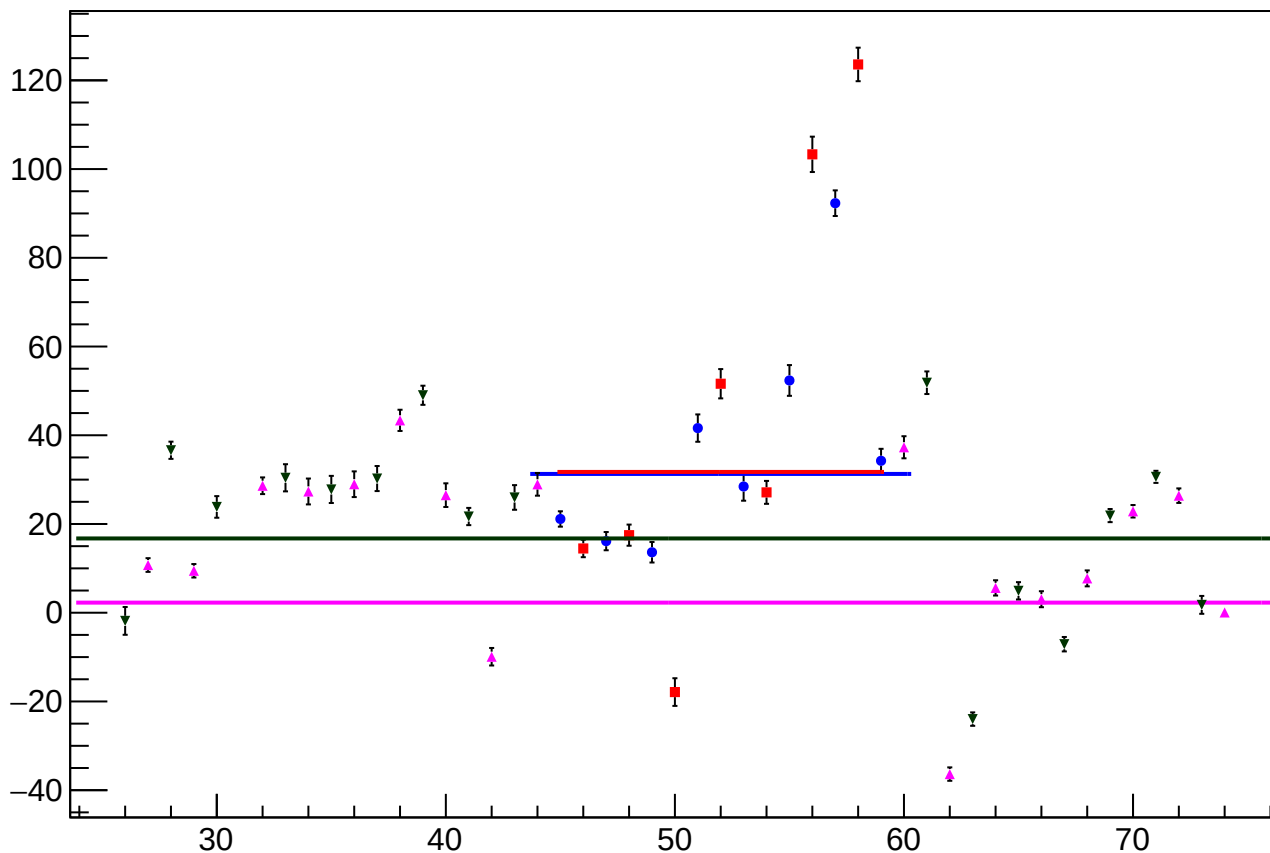
Right Out: -136.409+/-0.143 χ^2/NDF : 38003.2/6

Left In: -25.542+/-0.030 χ^2/NDF : 2240991.5/16

-94.092+/-0.054 χ^2/NDF : 616449.7/23

-30.223+/-0.029 χ^2/NDF : 2853013.4/23

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 31.283 $\pm$ 0.877 χ^2/NDF : 643.4/7

Left Out: 16.742 $\pm$ 0.503 χ^2/NDF : 1782.8/15

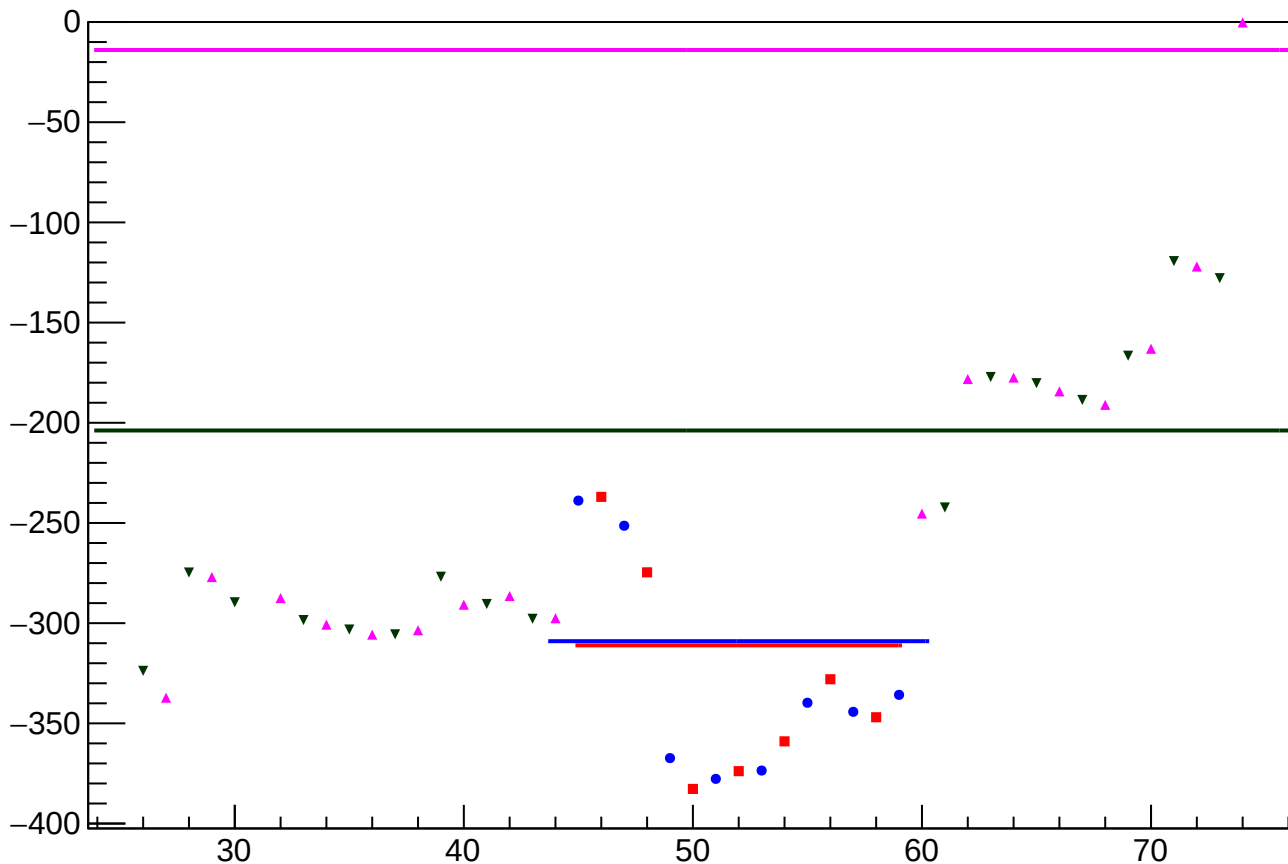
Right Out: 31.736 $\pm$ 1.047 χ^2/NDF : 1318.3/6

Left In: 2.277 $\pm$ 0.205 χ^2/NDF : 2320.2/16

20.340 $\pm$ 0.436 χ^2/NDF : 2633.0/23

3.360 $\pm$ 0.201 χ^2/NDF : 4400.4/23

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -308.994+/-0.171 χ^2/NDF : 112639.9/7

Left Out: -203.844+/-0.089 χ^2/NDF : 620764.4/15

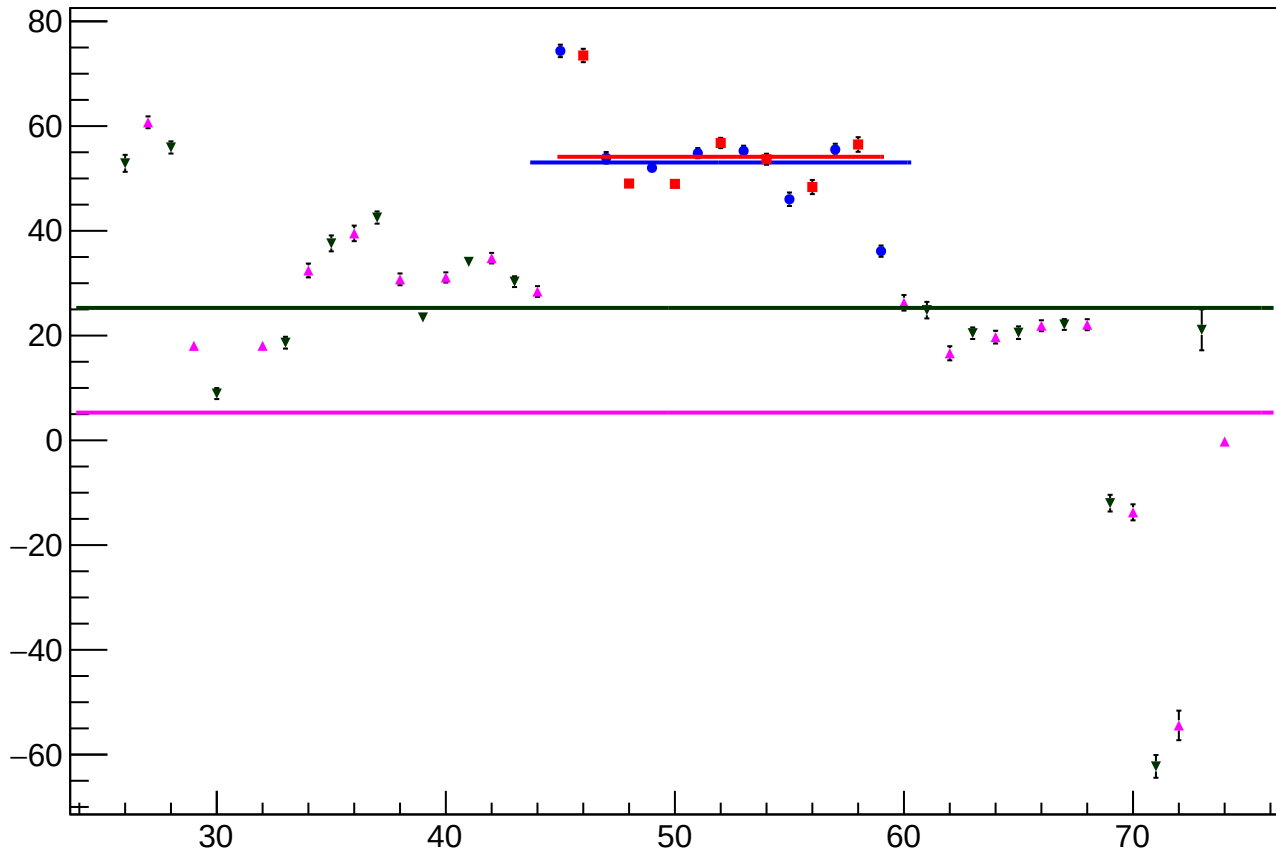
Right Out: -311.079+/-0.200 χ^2/NDF : 81733.7/6

Left In: -13.965+/-0.023 χ^2/NDF : 6002549.3/16

-226.331+/-0.079 χ^2/NDF : 1032043.8/23

-17.767+/-0.023 χ^2/NDF : 8262419.5/23

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

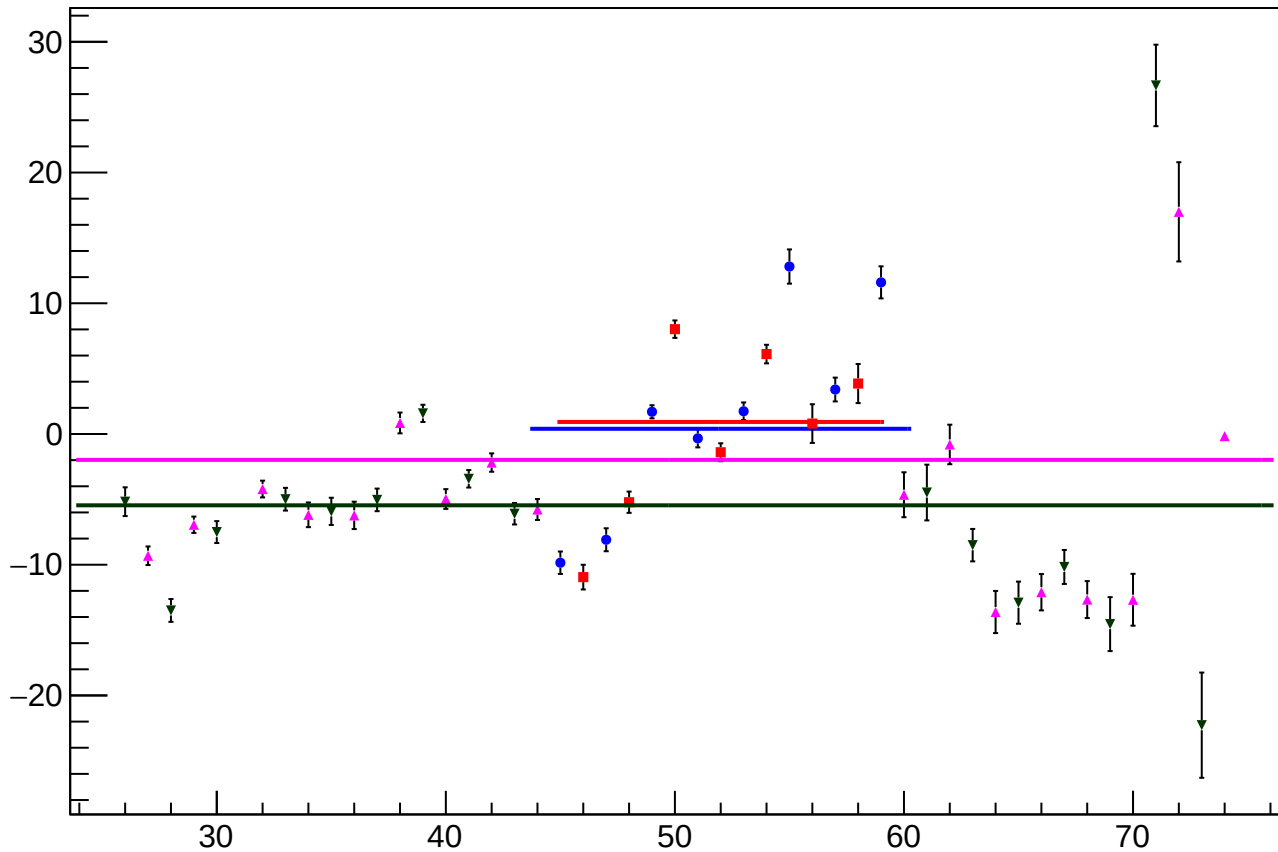
Right Out: 54.136 ± 0.409 χ^2/NDF : 320.2/6

Left In: 5.297 ± 0.131 χ^2/NDF : 9342.7/16

37.596 ± 0.226 χ^2/NDF : 8208.9/23

9.843 ± 0.125 χ^2/NDF : 22616.8/23

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: 0.399 ± 0.273 χ^2/NDF : 431.9/7

Left Out: -5.455 ± 0.255 χ^2/NDF : 399.2/15

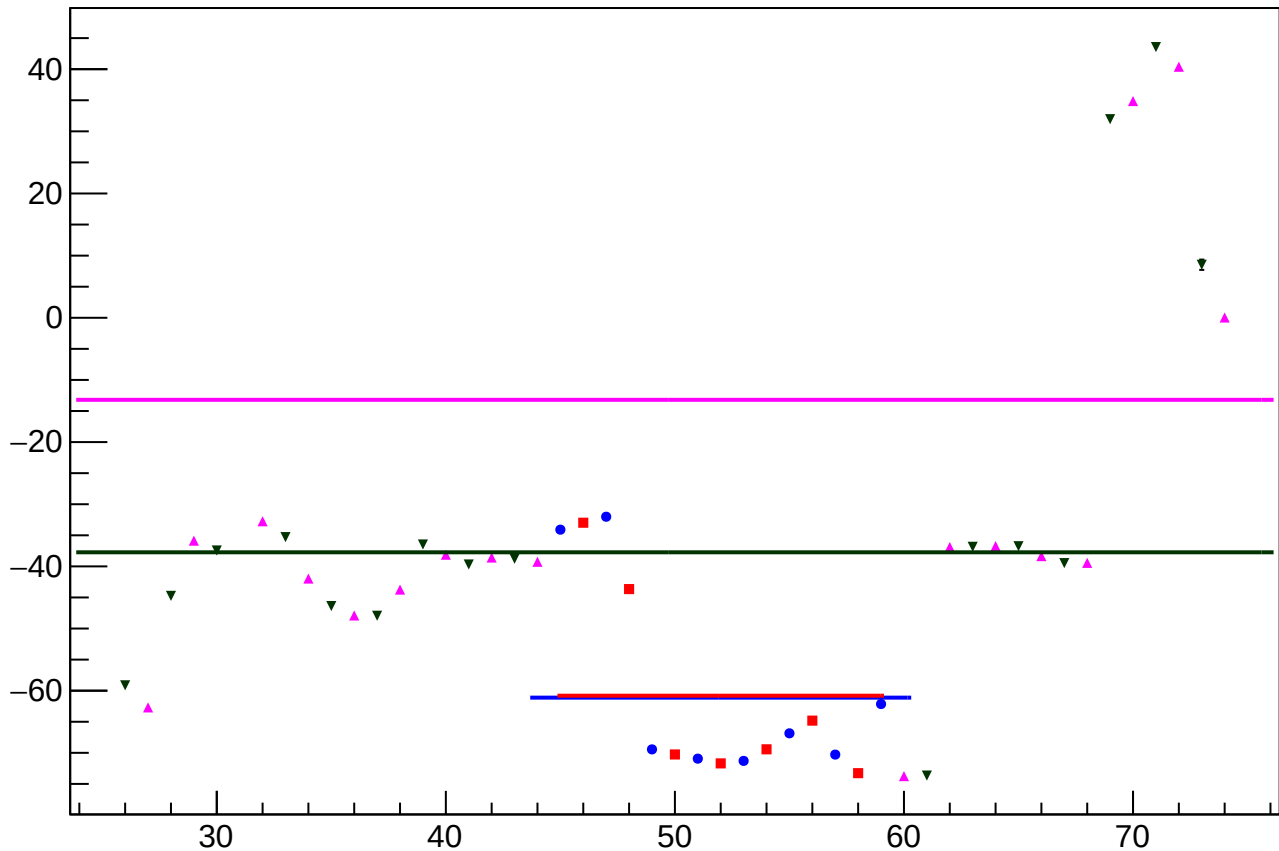
Right Out: 0.922 ± 0.318 χ^2/NDF : 396.8/6

Left In: -1.978 ± 0.136 χ^2/NDF : 606.7/16

-2.735 ± 0.186 χ^2/NDF : 1076.7/23

-1.532 ± 0.125 χ^2/NDF : 1073.8/23

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -61.119 ± 0.062 χ^2/NDF : 59174.5/7

Left Out: -37.734 ± 0.051 χ^2/NDF : 125081.2/15

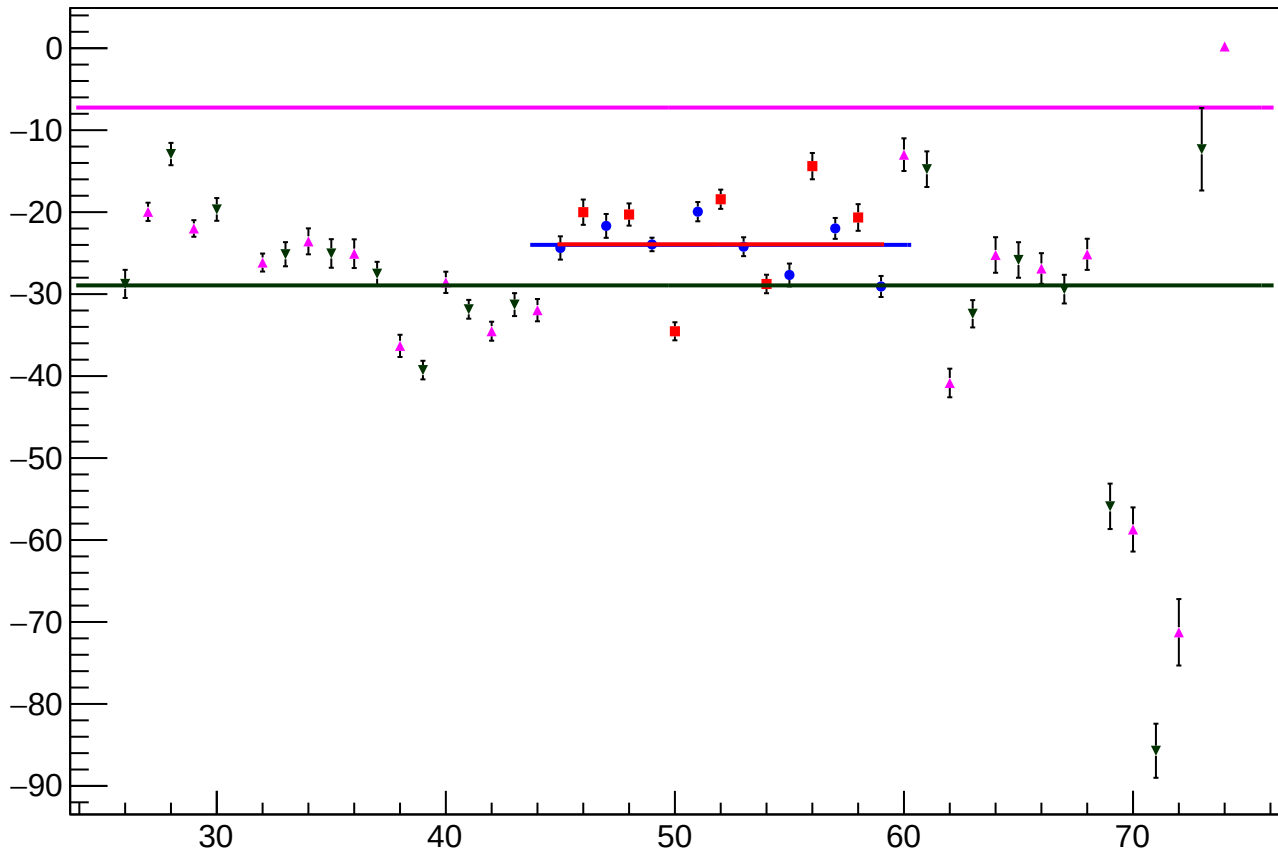
-47.195 ± 0.039 χ^2/NDF : 269777.0/23

Right Out: -60.807 ± 0.071 χ^2/NDF : 43246.3/6

-19.586 ± 0.026 χ^2/NDF : 974162.5/23

Left In: -13.200 ± 0.028 χ^2/NDF : 541104.9/16

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

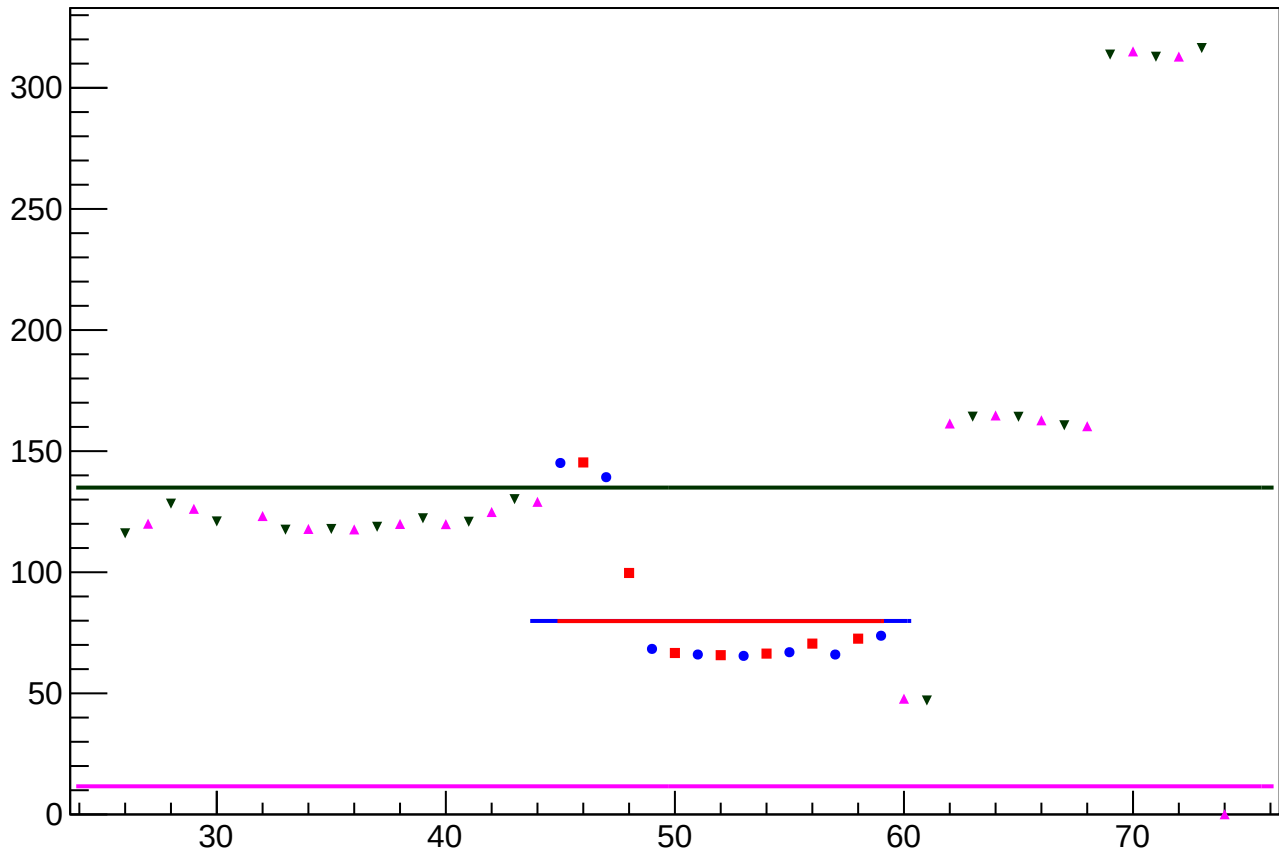
Right Out: -23.925 ± 0.496 χ^2/NDF : 186.3/6

Left In: -7.241 ± 0.190 χ^2/NDF : 4864.7/16

-26.556 ± 0.292 χ^2/NDF : 849.9/23

-9.370 ± 0.177 χ^2/NDF : 6038.5/23

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

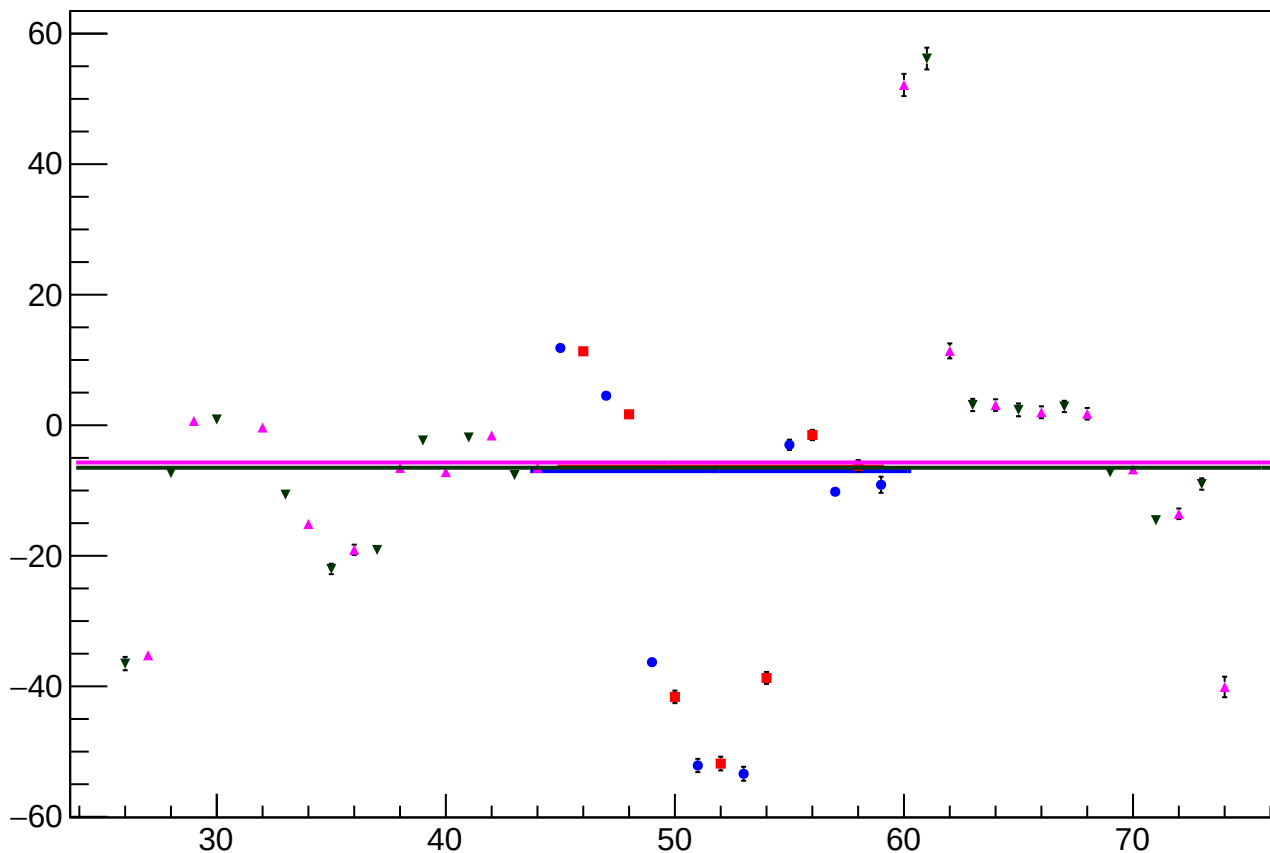
109.900+/-0.054 χ^2/NDF : 770268.3/23

Right Out: 79.827+/-0.092 χ^2/NDF : 67927.9/6

15.279+/-0.021 χ^2/NDF : 3851220.5/23

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

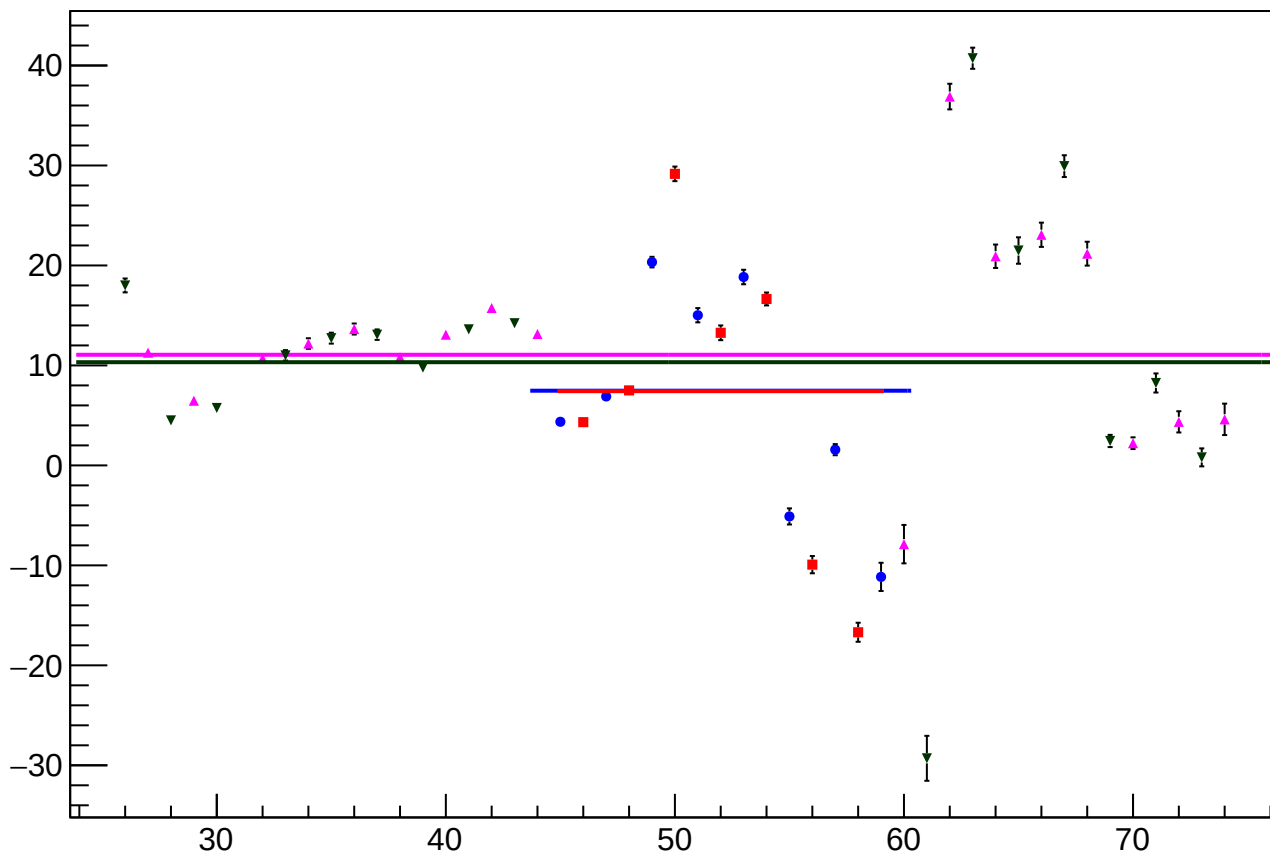
Right Out: -6.331+/-0.261 χ^2 /NDF: 6110.8/6

Left In: -5.705+/-0.150 χ^2 /NDF: 5652.4/16

-6.680+/-0.131 χ^2 /NDF: 12361.8/23

-5.861+/-0.130 χ^2 /NDF: 11767.4/23

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 7.471+/-0.179 χ^2/NDF : 1571.0/7

Left Out: 10.323+/-0.133 χ^2/NDF : 2583.2/15

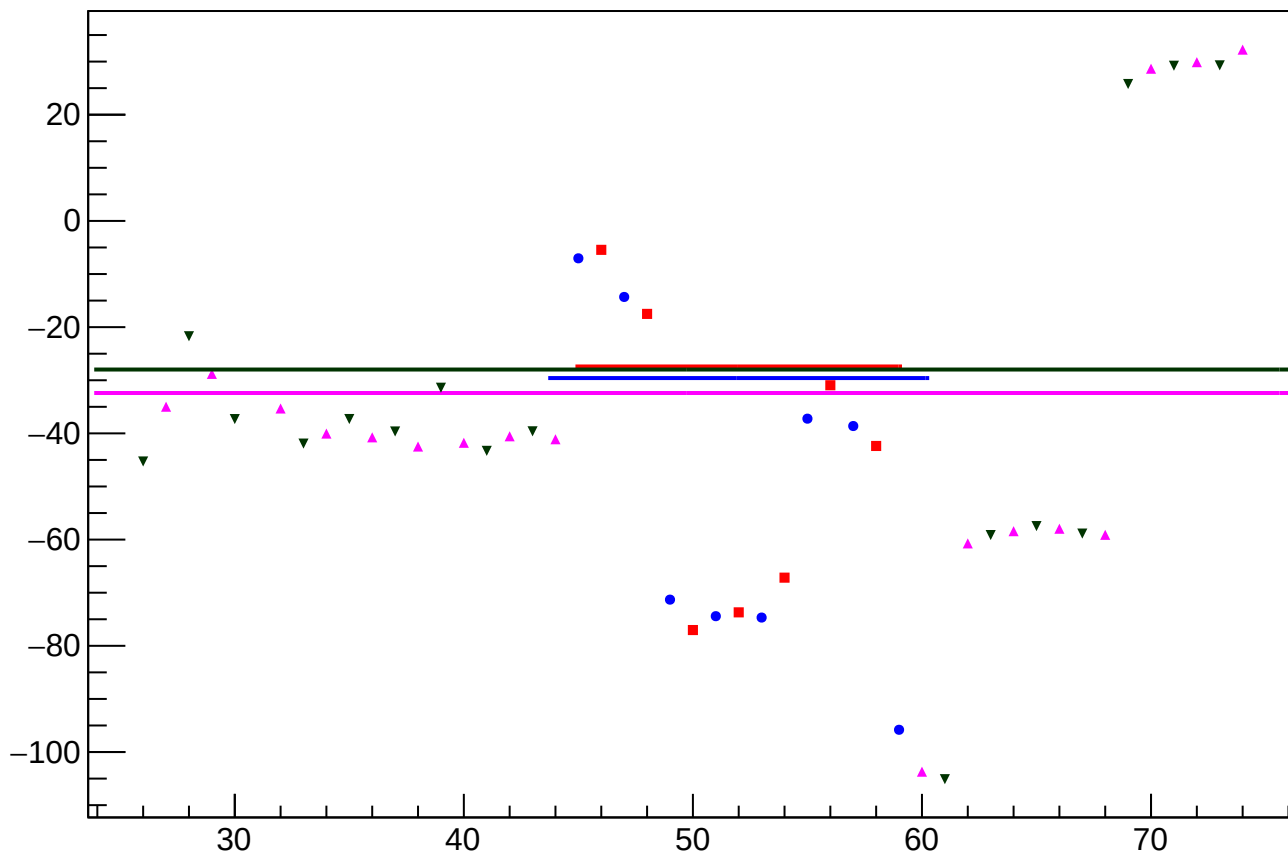
Right Out: 7.424+/-0.210 χ^2/NDF : 2276.3/6

Left In: 11.064+/-0.123 χ^2/NDF : 1544.9/16

9.306+/-0.107 χ^2/NDF : 4317.6/23

10.140+/-0.106 χ^2/NDF : 4045.0/23

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 $\chi^2/\text{NDF}: 950669.2/15$

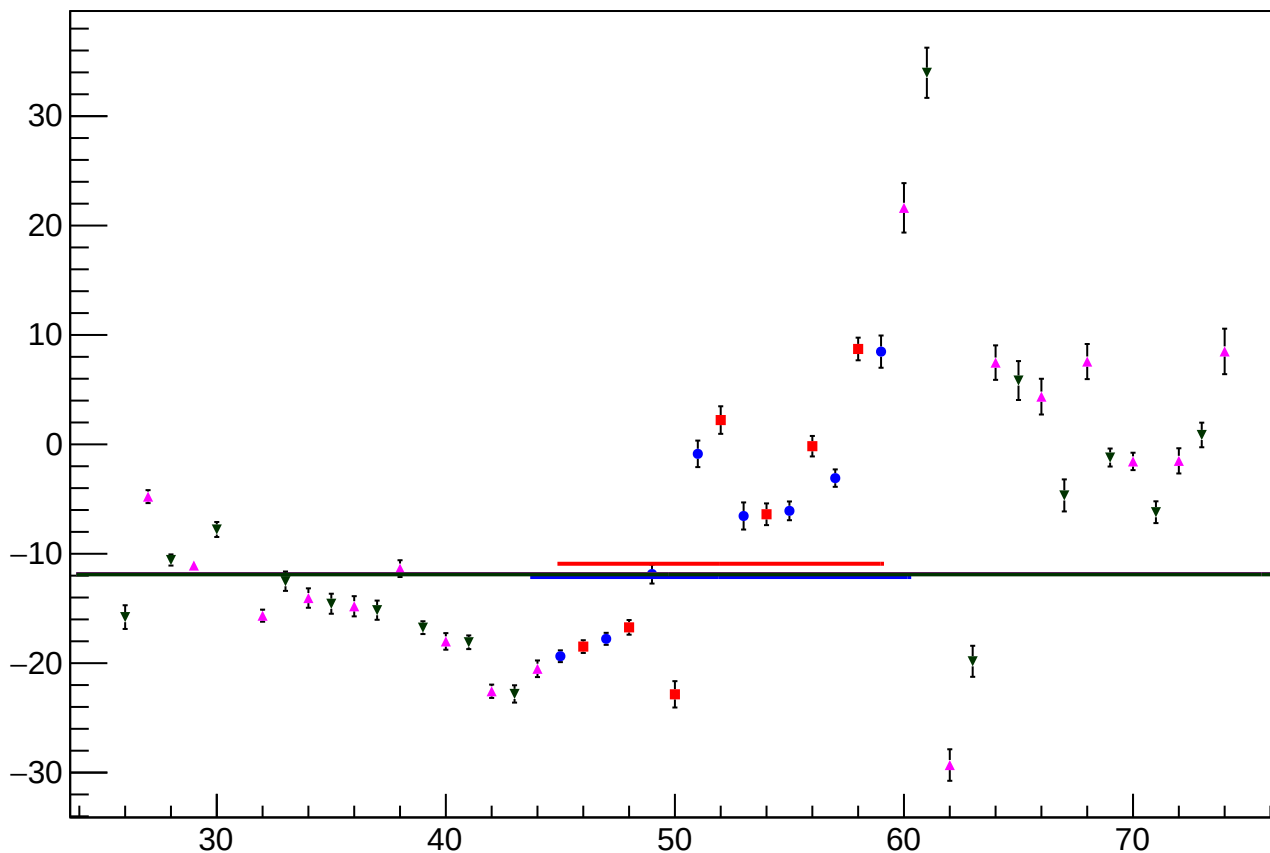
Right Out: -27.405 ± 0.044 $\chi^2/\text{NDF}: 323295.6/6$

Left In: -32.399 ± 0.026 $\chi^2/\text{NDF}: 863048.9/16$

-28.518 ± 0.023 $\chi^2/\text{NDF}: 1415298.9/23$

-31.074 ± 0.022 $\chi^2/\text{NDF}: 1195978.8/23$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -12.127 ± 0.279 $\chi^2/\text{NDF}: 767.4/7$

Left Out: -11.882 ± 0.211 $\chi^2/\text{NDF}: 1319.8/15$

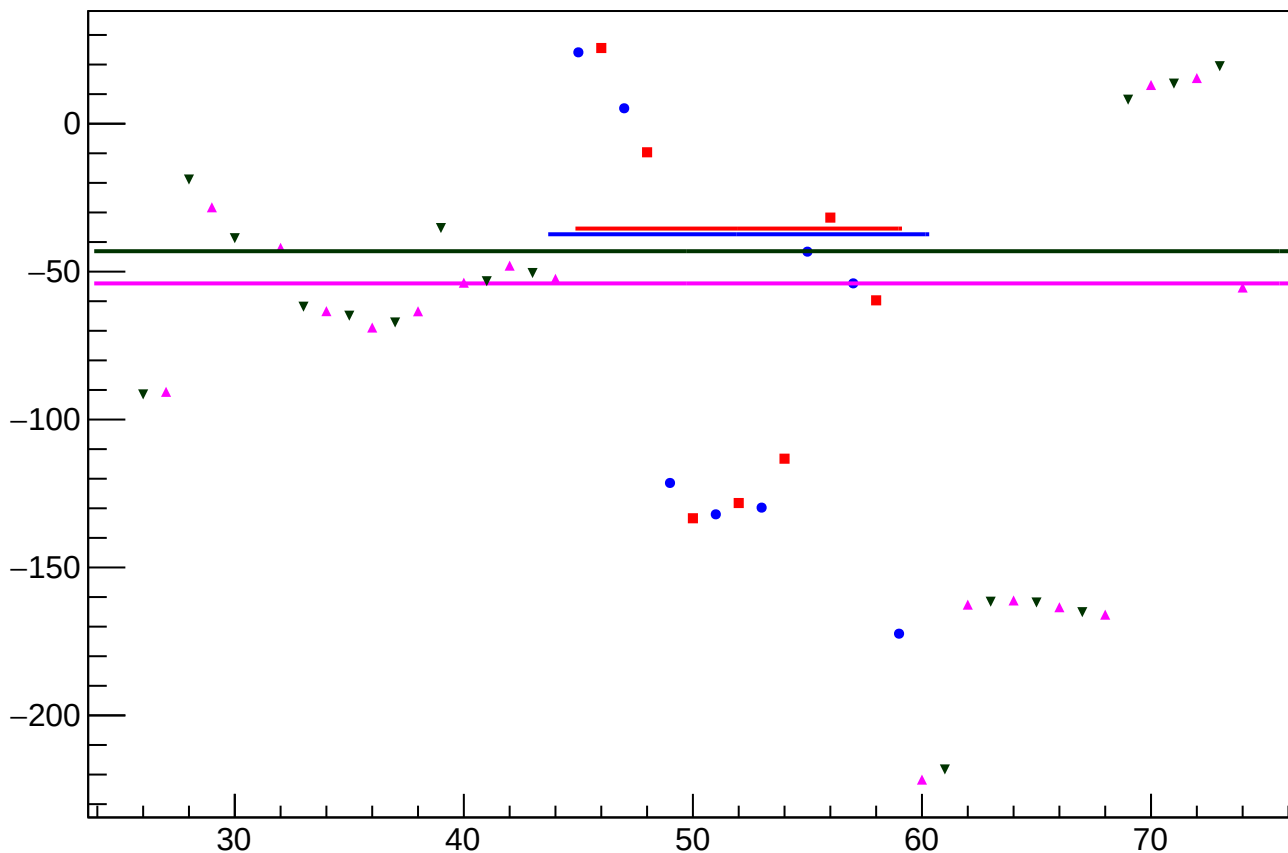
Right Out: -10.913 ± 0.323 $\chi^2/\text{NDF}: 963.0/6$

Left In: -11.851 ± 0.196 $\chi^2/\text{NDF}: 1820.3/16$

-11.971 ± 0.169 $\chi^2/\text{NDF}: 2087.7/23$

-11.598 ± 0.168 $\chi^2/\text{NDF}: 2789.4/23$

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -37.370 ± 0.055 $\chi^2/\text{NDF}: 1308529.1/7$

Left Out: -43.094 ± 0.038 $\chi^2/\text{NDF}: 1329535.1/15$

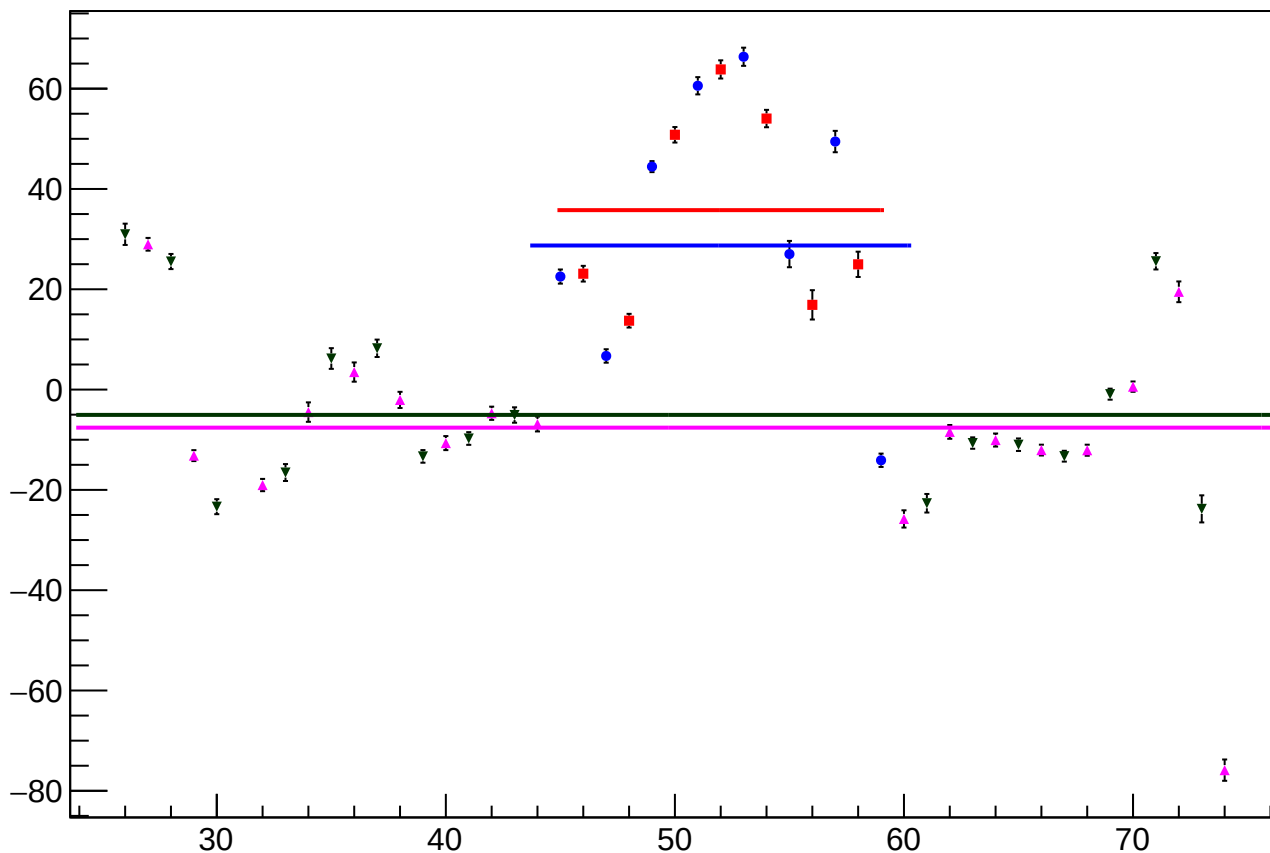
Right Out: -35.443 ± 0.061 $\chi^2/\text{NDF}: 852422.5/6$

Left In: -53.982 ± 0.039 $\chi^2/\text{NDF}: 1252601.1/16$

-41.220 ± 0.031 $\chi^2/\text{NDF}: 2645469.0/23$

-48.605 ± 0.033 $\chi^2/\text{NDF}: 2169668.6/23$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 28.727 $\pm$ 0.538 χ^2 /NDF: 2398.4/7

Left Out: -5.047 $\pm$ 0.363 χ^2 /NDF:1647.7/15

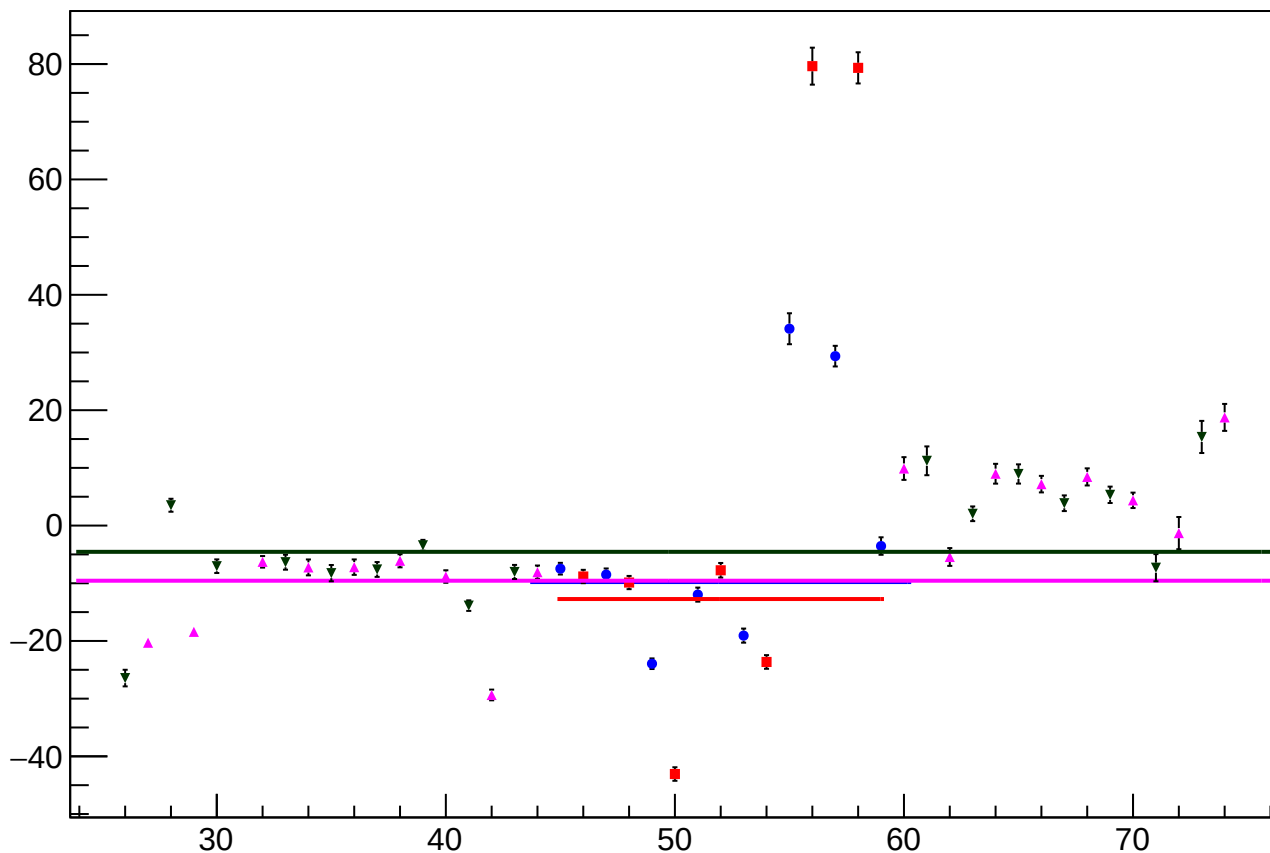
Right Out: 35.777 $\pm$ 0.664 χ^2 /NDF: 830.1/6

Left In: -7.590 $\pm$ 0.331 χ^2 /NDF:2415.7/16

5.515 $\pm$ 0.301 χ^2 /NDF: 6758.5/23

1.054 $\pm$ 0.296 χ^2 /NDF: 6665.4/23

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -9.790 ± 0.436 $\chi^2/\text{NDF}: 1068.6/7$

Left Out: -4.551 ± 0.330 $\chi^2/\text{NDF}: 687.2/15$

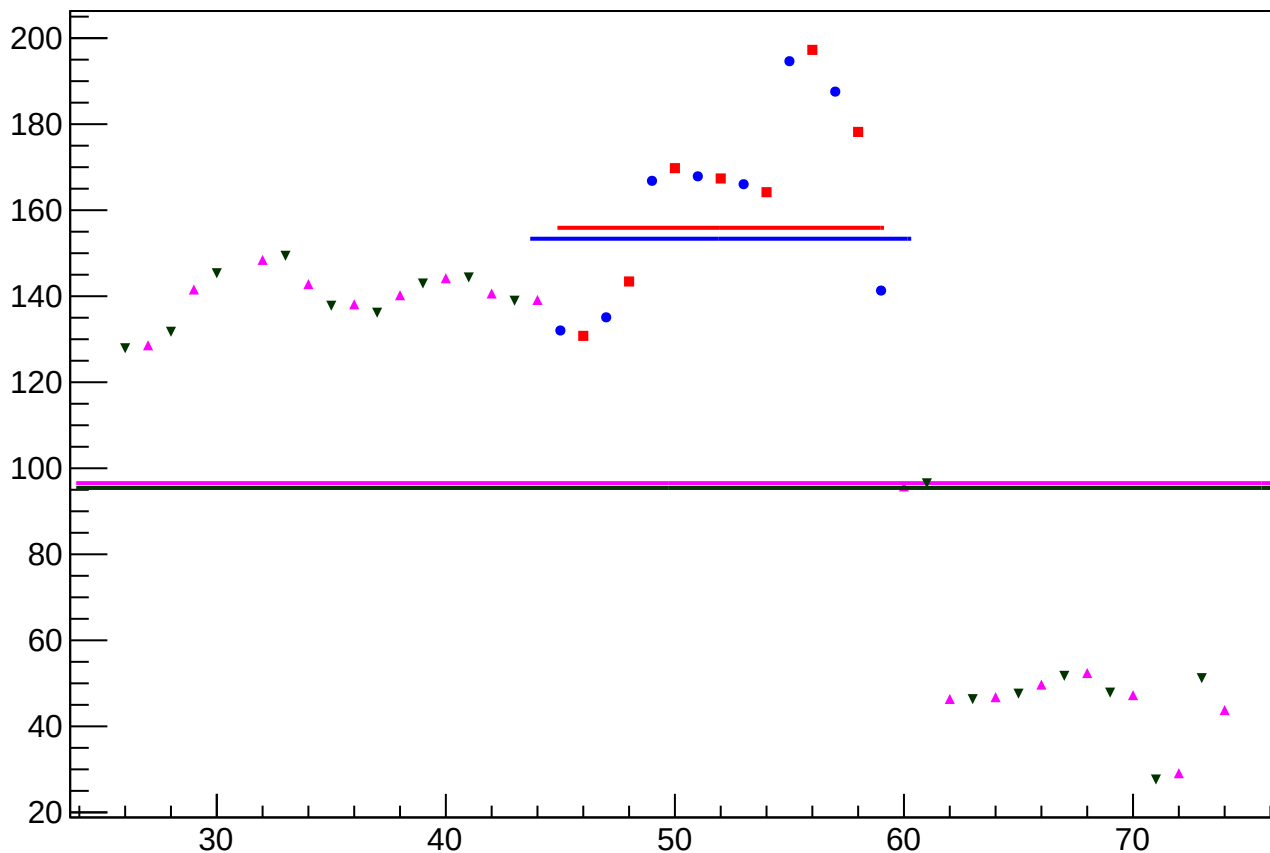
Right Out: -12.734 ± 0.513 $\chi^2/\text{NDF}: 2775.9/6$

Left In: -9.560 ± 0.294 $\chi^2/\text{NDF}: 1556.1/16$

-6.462 ± 0.263 $\chi^2/\text{NDF}: 1847.6/23$

-10.346 ± 0.255 $\chi^2/\text{NDF}: 4360.9/23$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 153.368 $\pm$ 0.096 χ^2 /NDF: 42251.3/7

Left Out: 95.424 $\pm$ 0.062 χ^2 /NDF: 563838.5/15

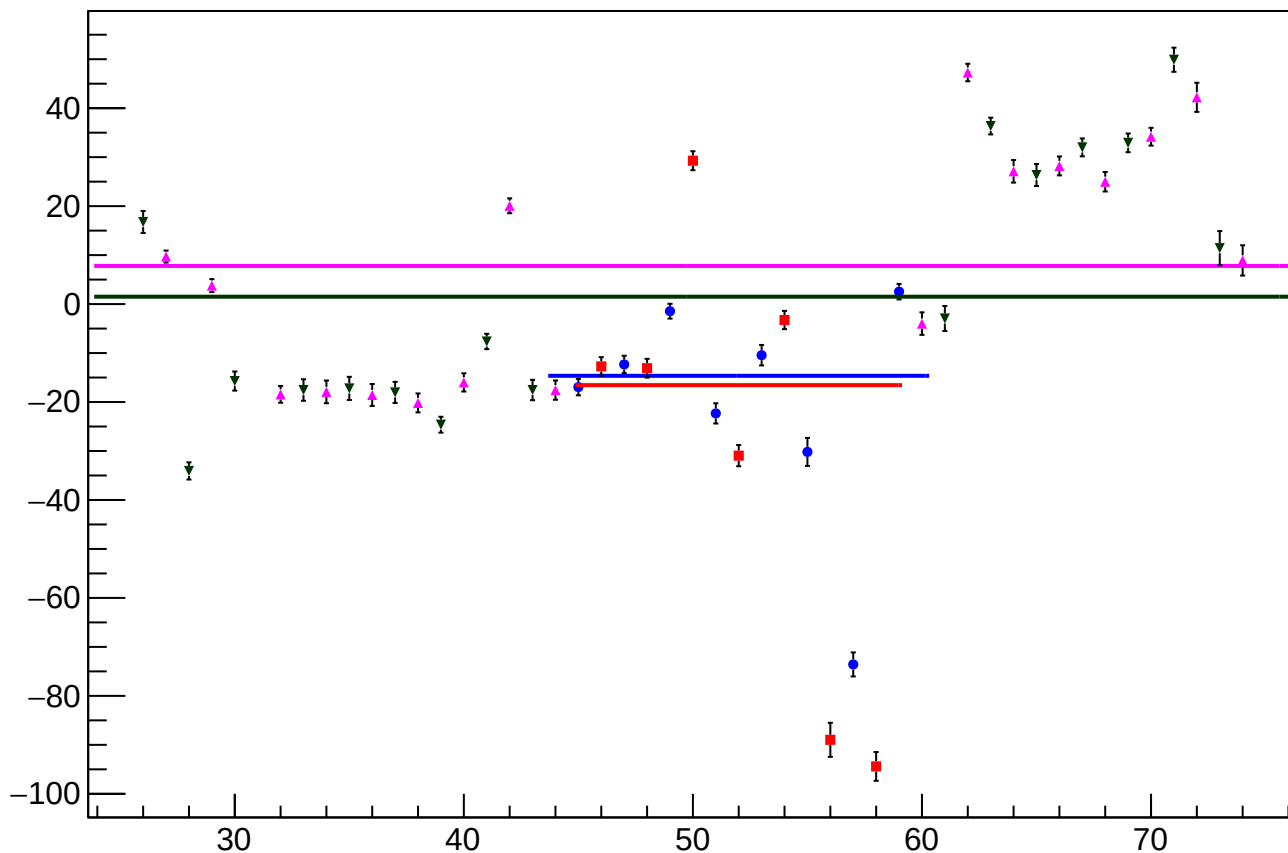
Right Out: 155.911 $\pm$ 0.114 χ^2 /NDF: 27550.0/6

Left In: 96.544 $\pm$ 0.057 χ^2 /NDF: 643378.2/16

112.528 $\pm$ 0.052 χ^2 /NDF: 864388.0/23

108.578 $\pm$ 0.051 χ^2 /NDF: 888813.1/23

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

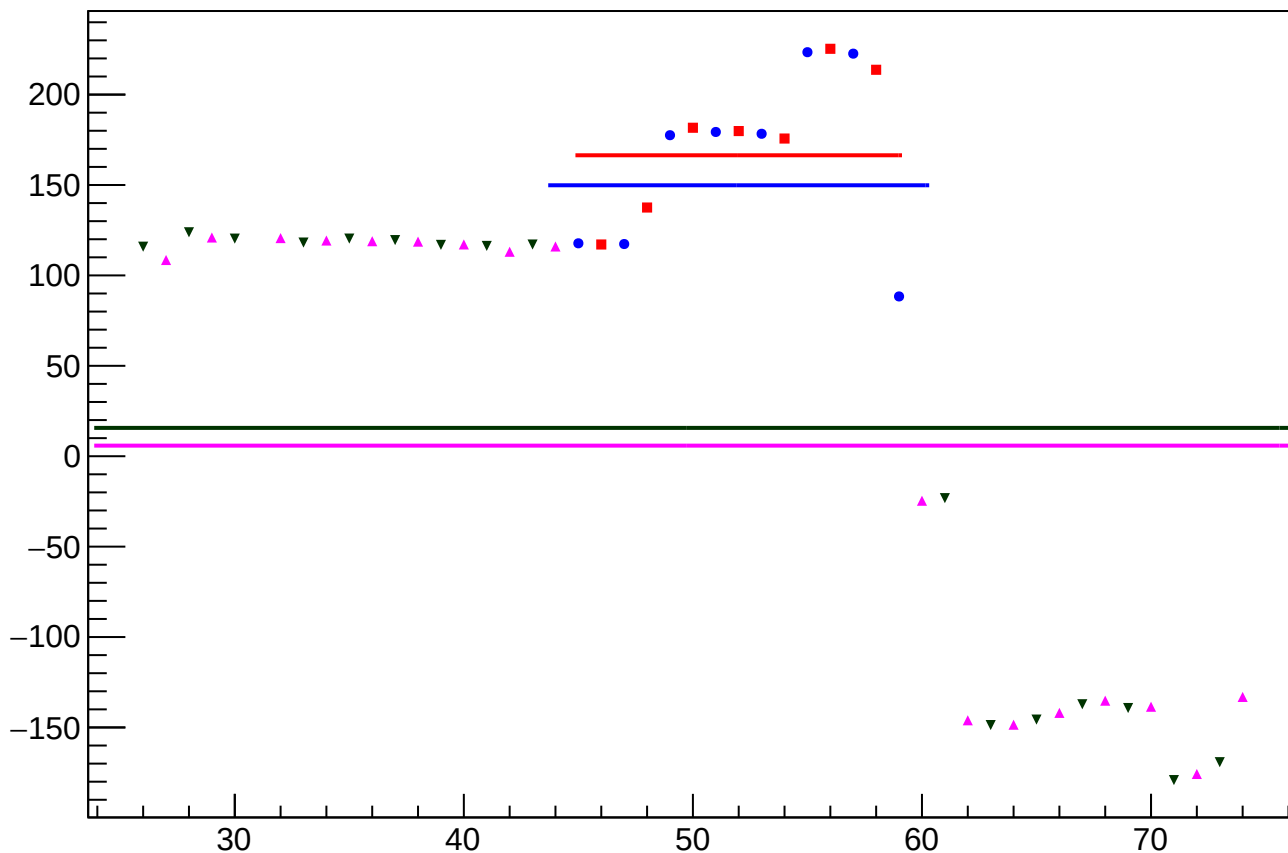
Right Out: -16.551 ± 0.811 χ^2/NDF : 1797.9/6

Left In: 7.789 ± 0.450 χ^2/NDF : 2227.9/16

-4.399 ± 0.402 χ^2/NDF : 3814.4/23

2.060 ± 0.393 χ^2/NDF : 4714.9/23

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 149.851 $\pm$ 0.128 χ^2 /NDF: 120505.1/7

Left Out: 15.671 $\pm$ 0.091 χ^2 /NDF: 2006940.5/15

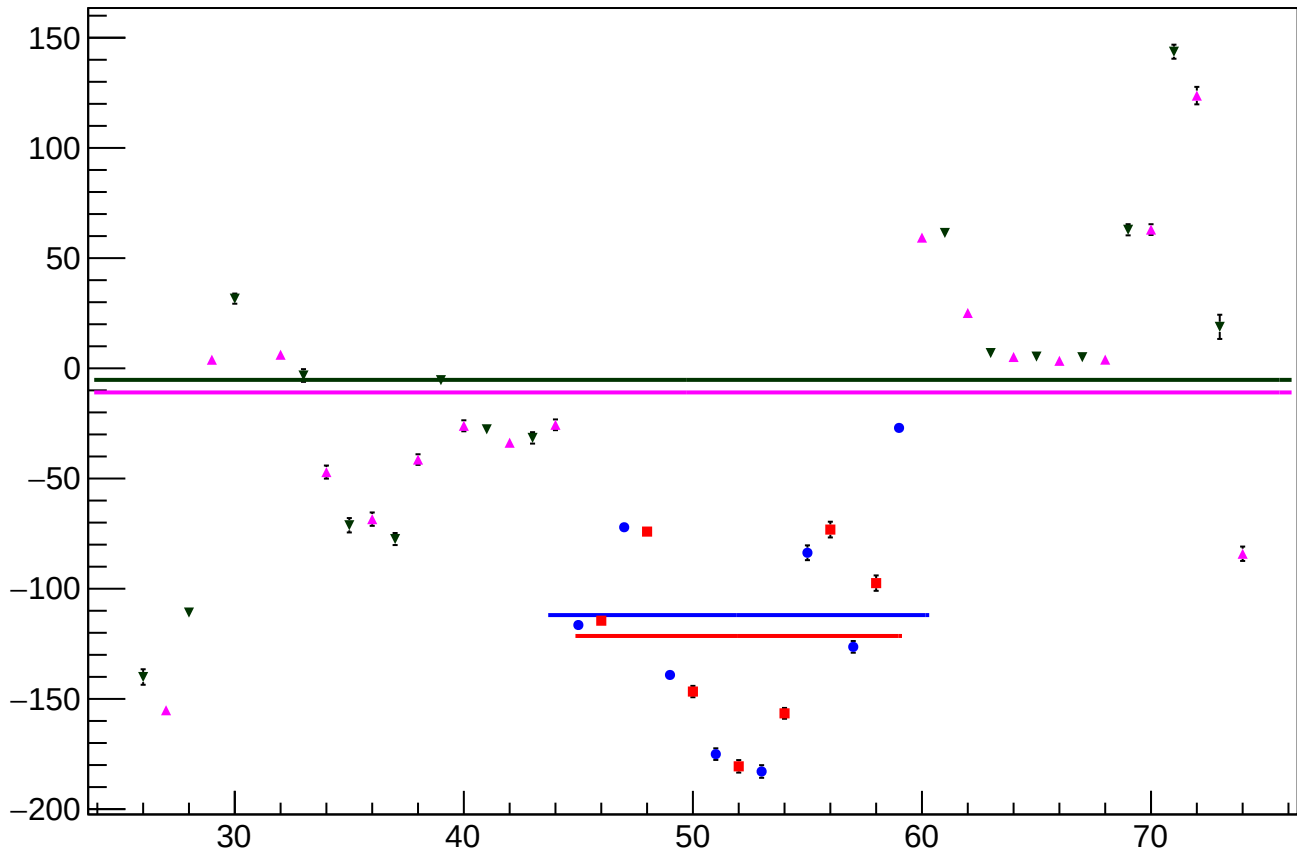
Right Out: 166.438 $\pm$ 0.153 χ^2 /NDF: 45494.4/6

Left In: 5.861 $\pm$ 0.087 χ^2 /NDF: 2081806.3/16

60.789 $\pm$ 0.074 χ^2 /NDF: 2857524.0/23

45.363 $\pm$ 0.076 χ^2 /NDF: 2960669.0/23

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

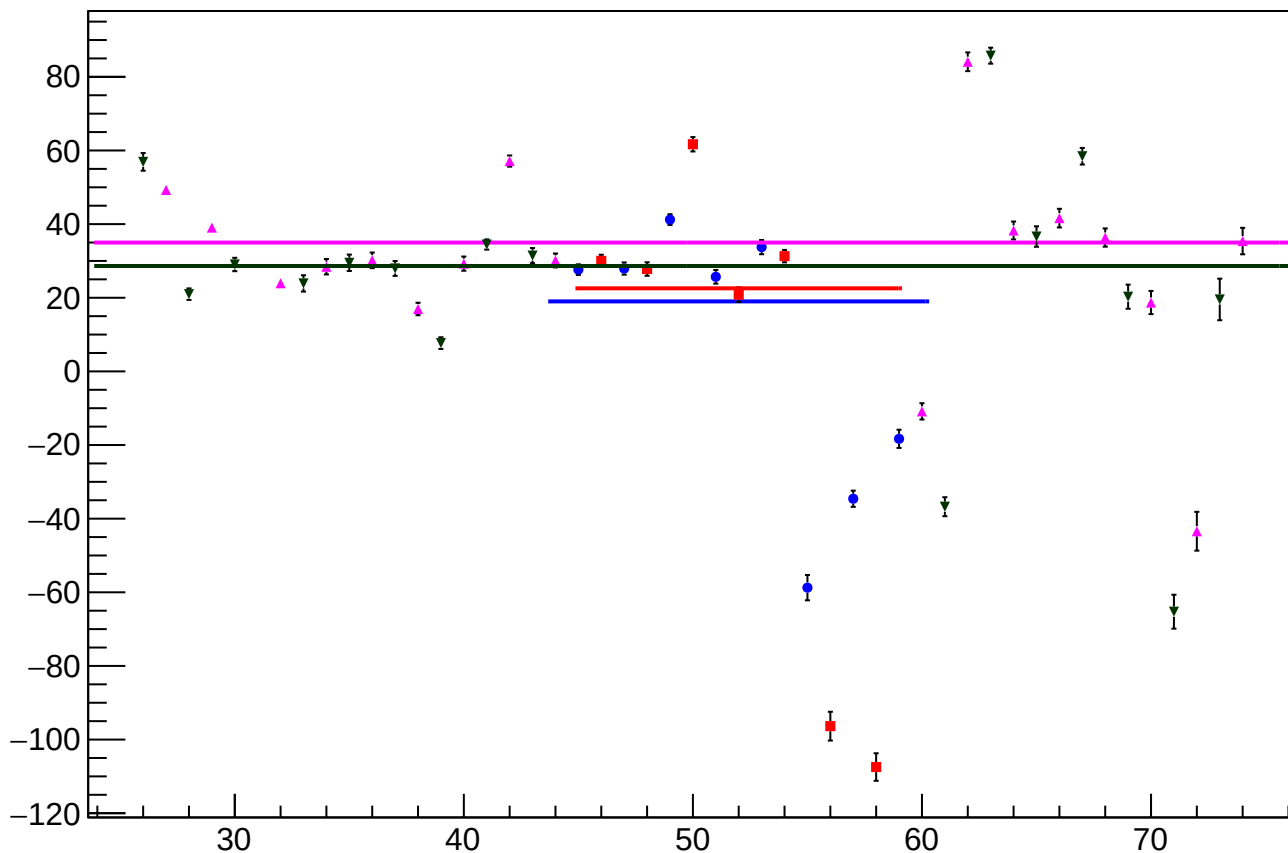
Right Out: -121.438 ± 0.997 χ^2/NDF : 1439.9/6

Left In: -10.941 ± 0.524 χ^2/NDF : 11014.8/16

-42.374 ± 0.479 χ^2/NDF : 24510.2/23

-34.851 ± 0.464 χ^2/NDF : 22076.9/23

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 19.008 ± 0.655 $\chi^2/\text{NDF}: 1701.0/7$

Left Out: 28.627 ± 0.531 $\chi^2/\text{NDF}: 2303.4/15$

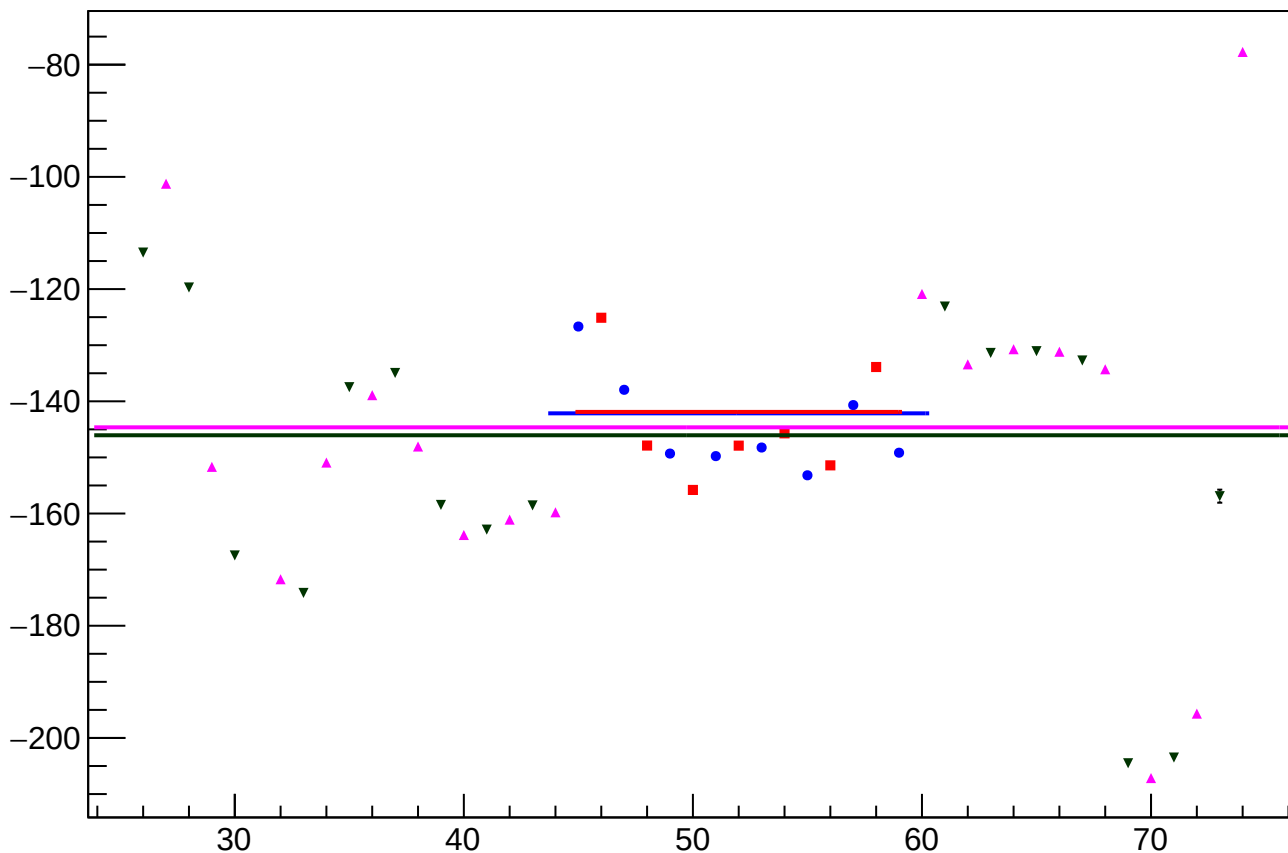
Right Out: 22.564 ± 0.776 $\chi^2/\text{NDF}: 2589.2/6$

Left In: 34.989 ± 0.455 $\chi^2/\text{NDF}: 1638.3/16$

24.813 ± 0.413 $\chi^2/\text{NDF}: 4134.4/23$

31.809 ± 0.393 $\chi^2/\text{NDF}: 4418.0/23$

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

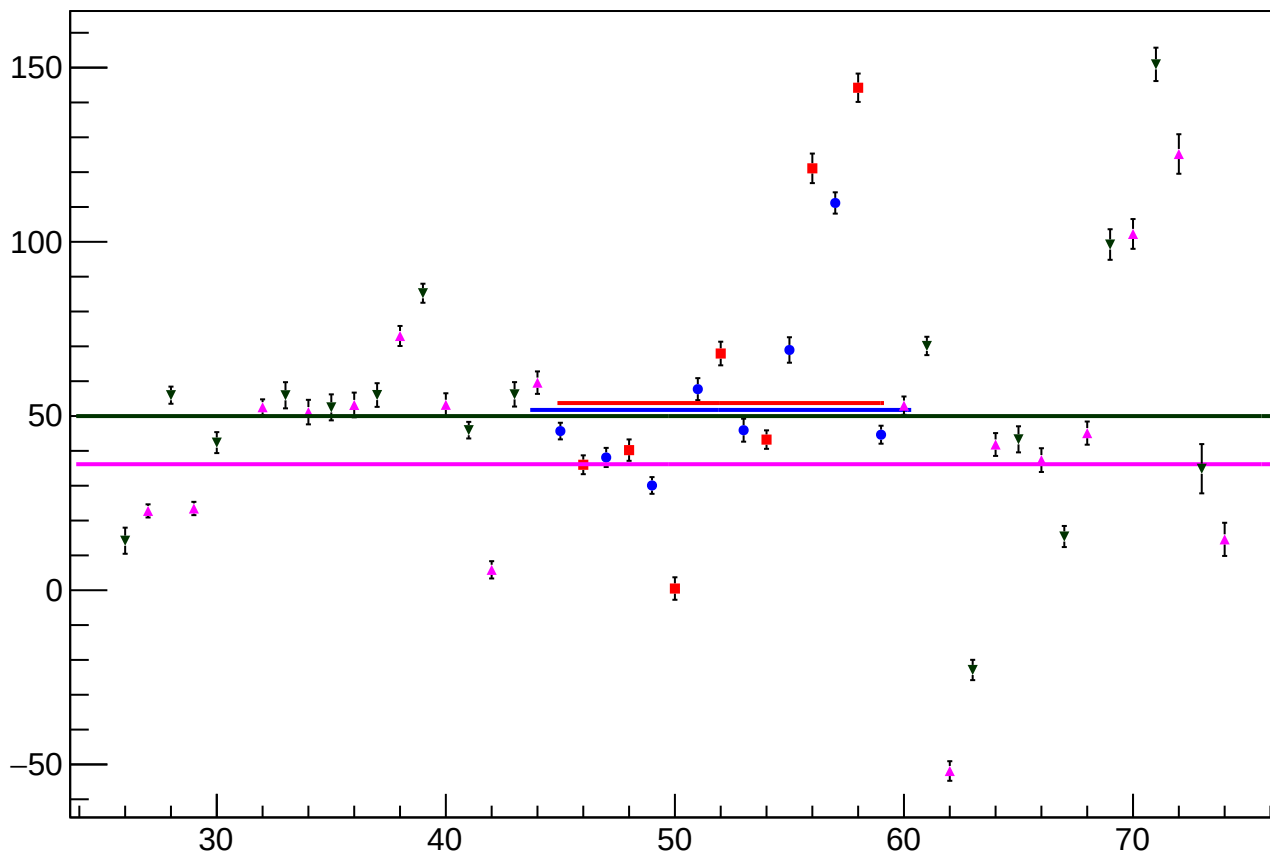
Right Out: -141.888+/-0.169 χ^2/NDF : 4132.1/6

Left In: -144.638+/-0.090 χ^2/NDF : 73808.4/16

-144.767+/-0.082 χ^2/NDF : 59447.4/23

-144.033+/-0.079 χ^2/NDF : 78147.8/23

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 51.751 $\pm$ 0.997 χ^2 /NDF: 526.8/7

Left Out: 49.985 $\pm$ 0.810 χ^2 /NDF:1673.7/15

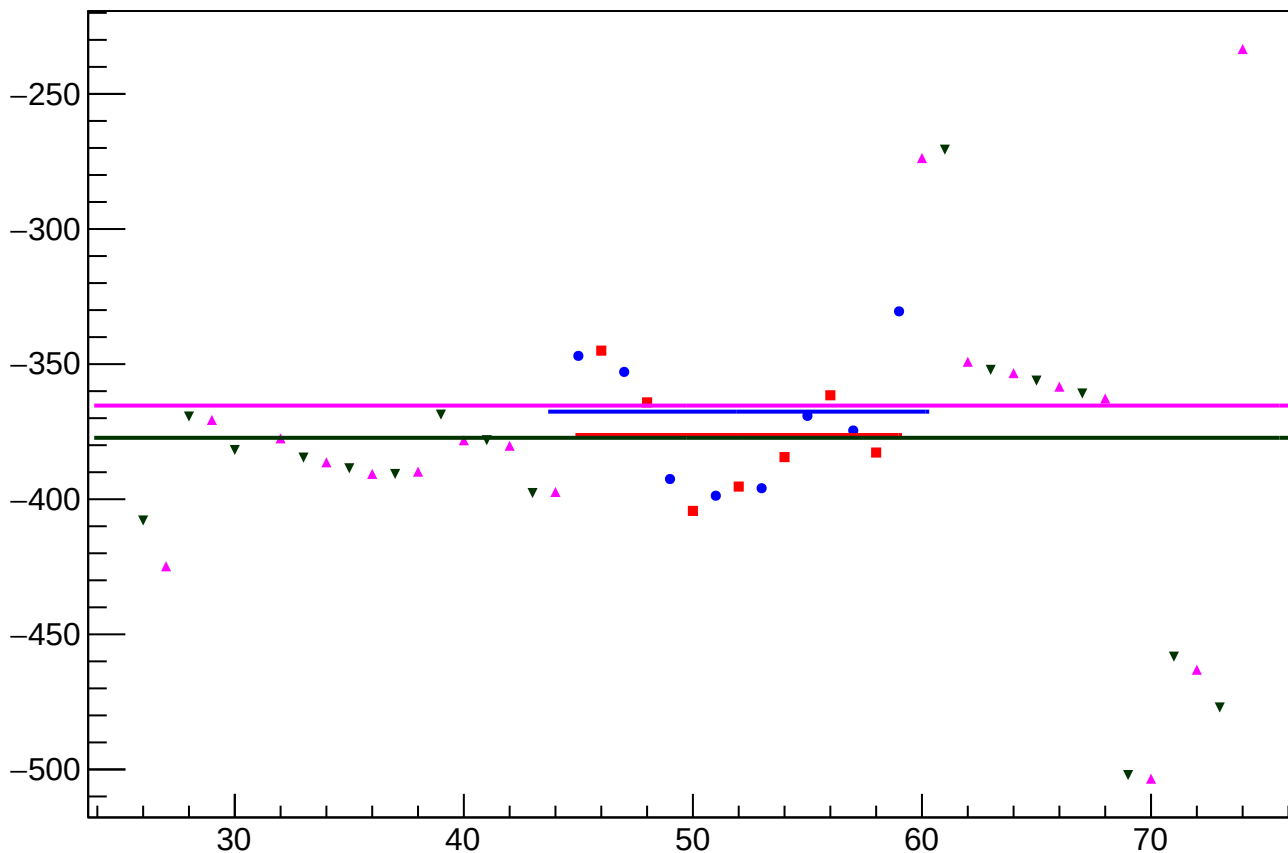
Right Out: 53.724 $\pm$ 1.209 χ^2 /NDF: 1114.8/6

Left In: 36.171 $\pm$ 0.698 χ^2 /NDF:2118.0/16

50.687 $\pm$ 0.628 χ^2 /NDF: 2202.4/23

40.557 $\pm$ 0.605 χ^2 /NDF: 3390.9/23

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

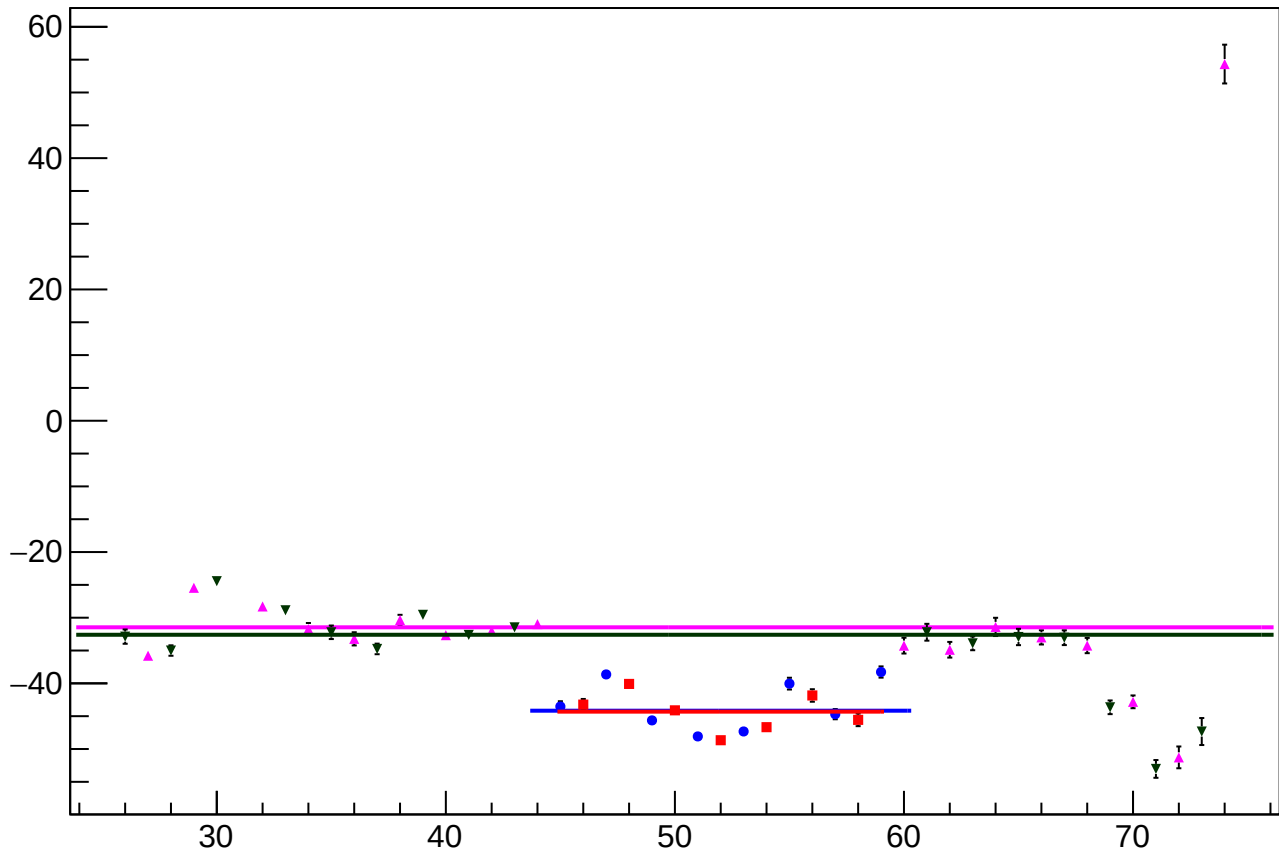
Right Out: -376.230+/-0.230 χ^2/NDF : 7920.2/6

Left In: -365.338+/-0.137 χ^2/NDF : 175442.6/16

-373.652+/-0.118 χ^2/NDF : 116432.9/23

-368.201+/-0.118 χ^2/NDF : 185021.2/23

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.166+/-0.236 χ^2/NDF : 195.9/7

Left Out: -32.600+/-0.221 χ^2/NDF : 594.3/15

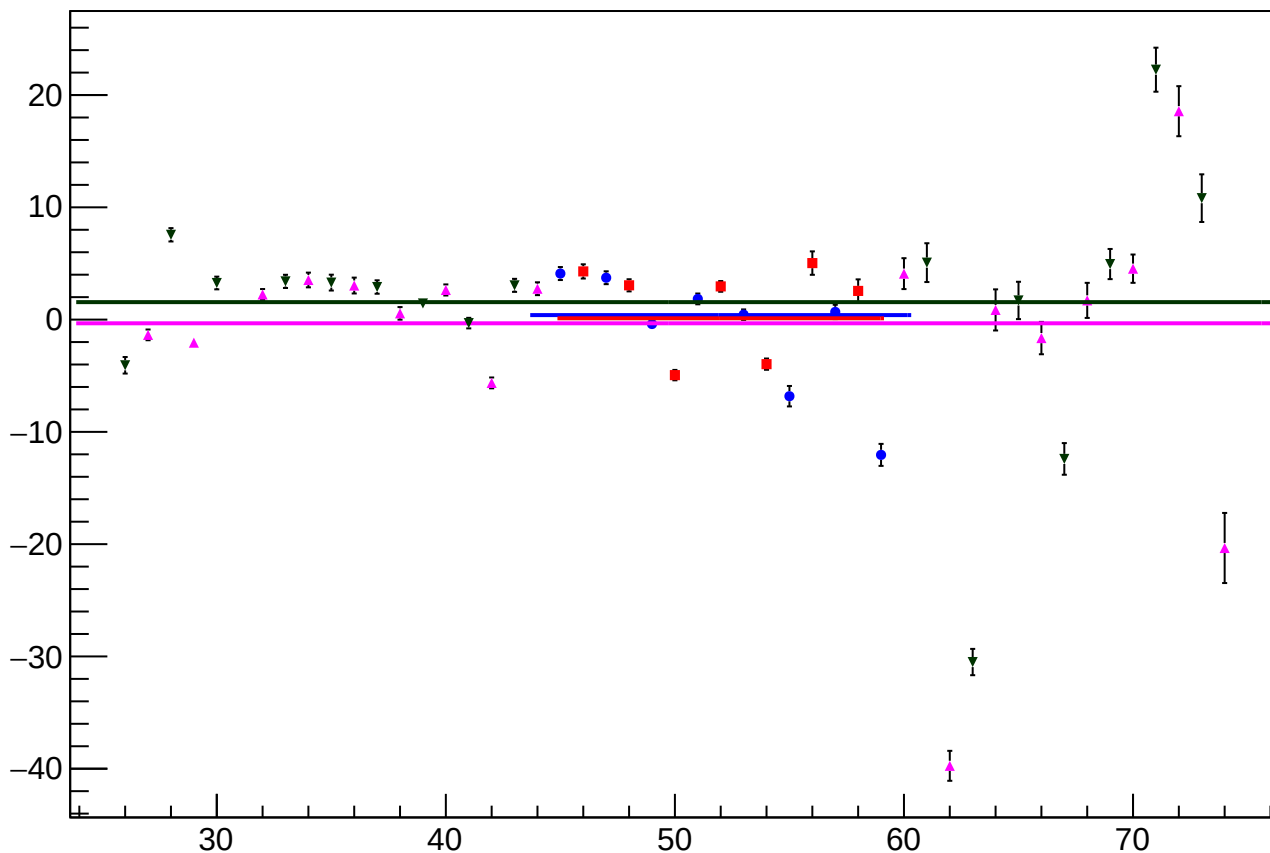
Right Out: -44.308+/-0.281 χ^2/NDF : 104.6/6

Left In: -31.463+/-0.209 χ^2/NDF : 1327.3/16

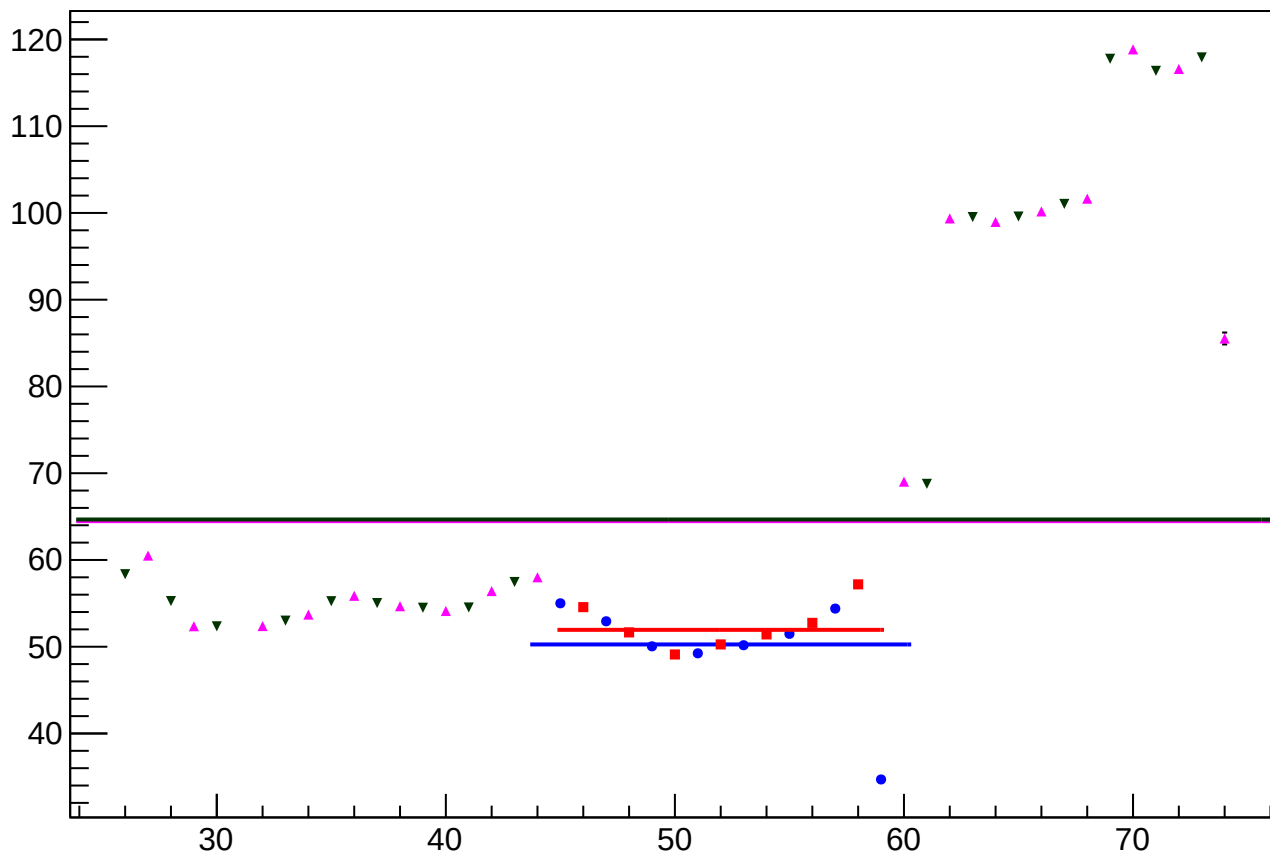
-38.006+/-0.162 χ^2/NDF : 2065.3/23

-36.021+/-0.168 χ^2/NDF : 2775.9/23

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



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

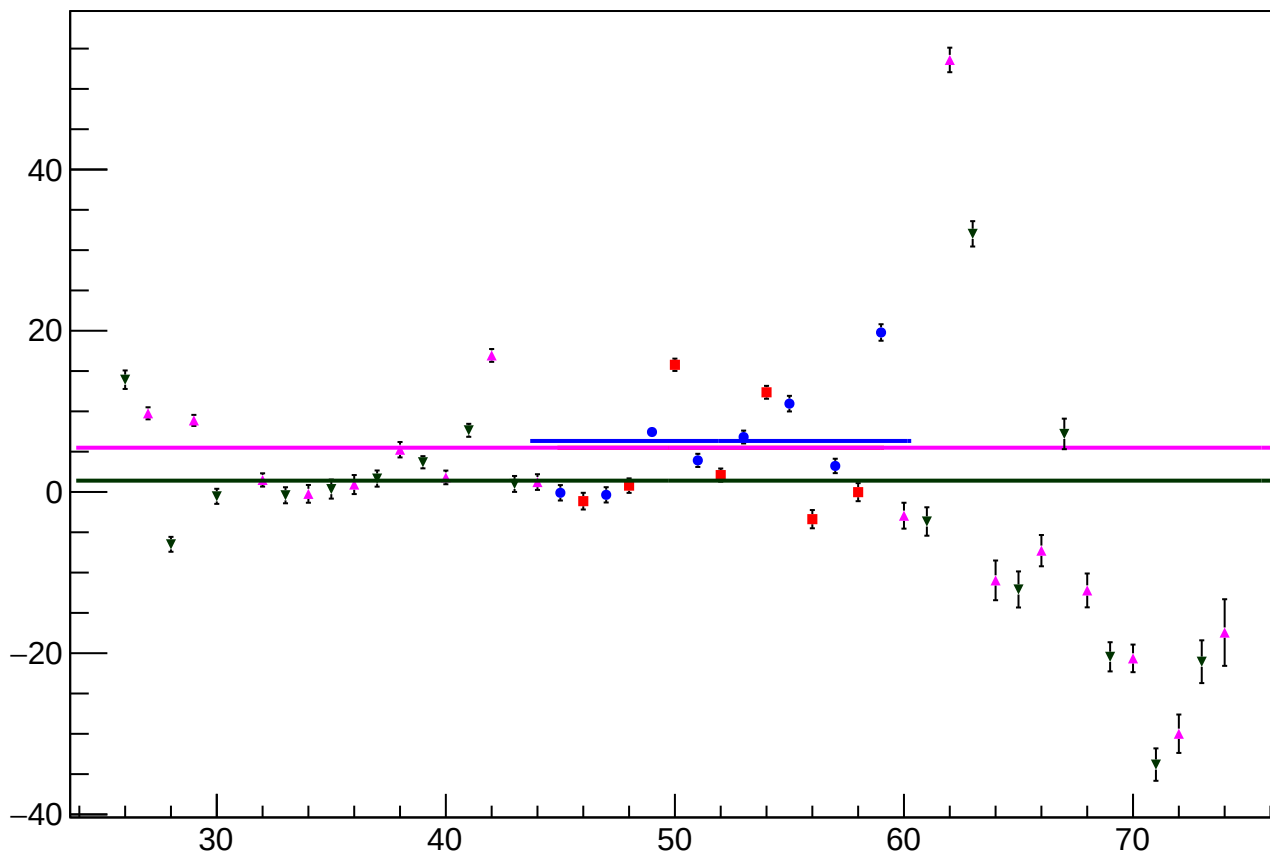
Right Out: 51.946 ± 0.049 χ^2/NDF : 2288.6/6

Left In: 64.472 ± 0.036 χ^2/NDF : 299366.2/16

58.426 ± 0.028 χ^2/NDF : 367036.9/23

60.078 ± 0.029 χ^2/NDF : 344362.2/23

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 6.329 ± 0.293 χ^2/NDF : 315.1/7

Left Out: 1.405 ± 0.289 χ^2/NDF : 1227.1/15

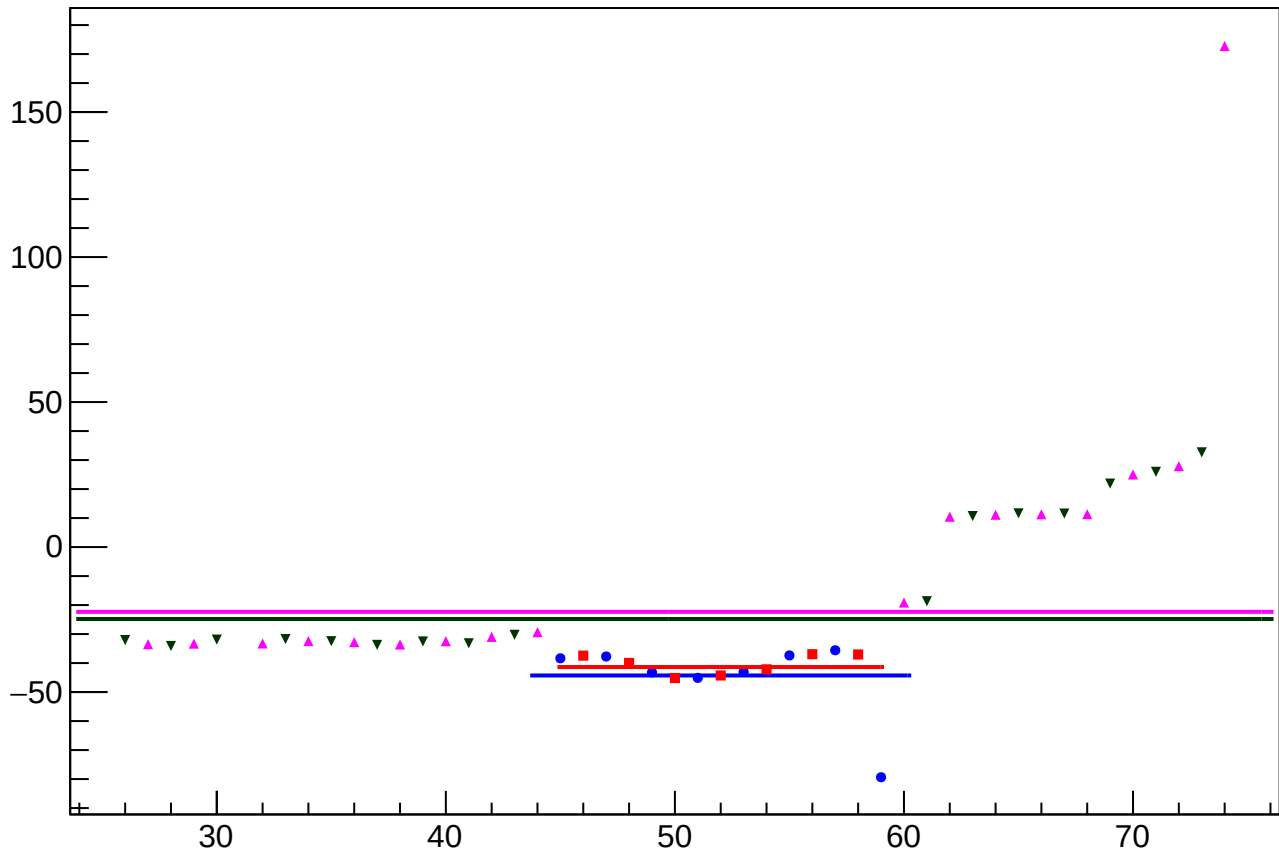
Right Out: 5.484 ± 0.342 χ^2/NDF : 426.2/6

Left In: 5.492 ± 0.266 χ^2/NDF : 2038.7/16

3.828 ± 0.206 χ^2/NDF : 1685.4/23

5.489 ± 0.210 χ^2/NDF : 2465.0/23

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -44.278 $\pm$ 0.056 χ^2 /NDF: 39315.7/7

Left Out: -24.804 $\pm$ 0.052 χ^2 /NDF:124448.8/15

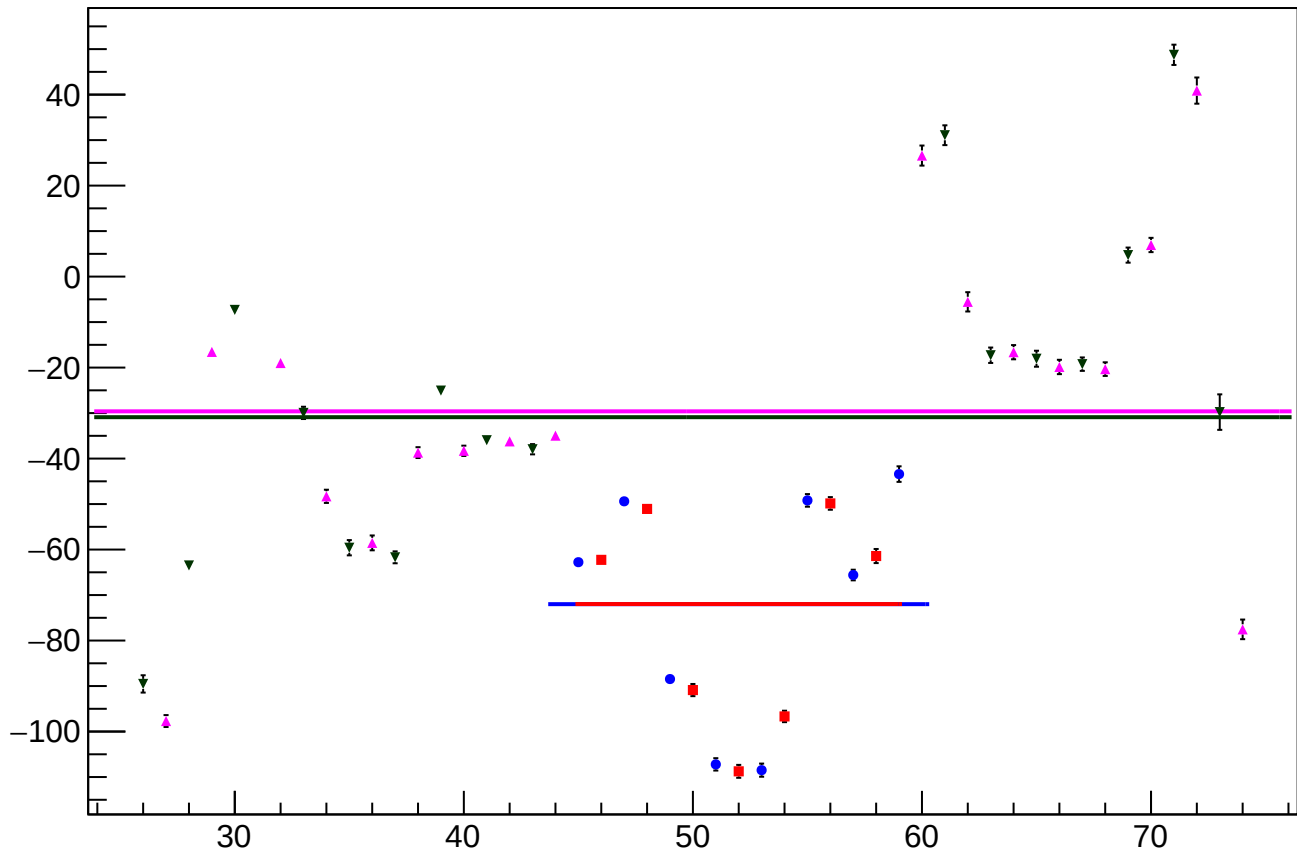
Right Out: -41.367 $\pm$ 0.063 χ^2 /NDF: 2613.4/6

Left In: -22.340 $\pm$ 0.053 χ^2 /NDF:292556.5/16

-33.741 $\pm$ 0.038 χ^2 /NDF: 228673.3/23

-30.245 $\pm$ 0.041 χ^2 /NDF: 347979.3/23

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -72.002 $\pm$ 0.408 χ^2 /NDF: 2869.5/7

Left Out: -30.902 $\pm$ 0.344 χ^2 /NDF:6003.6/15

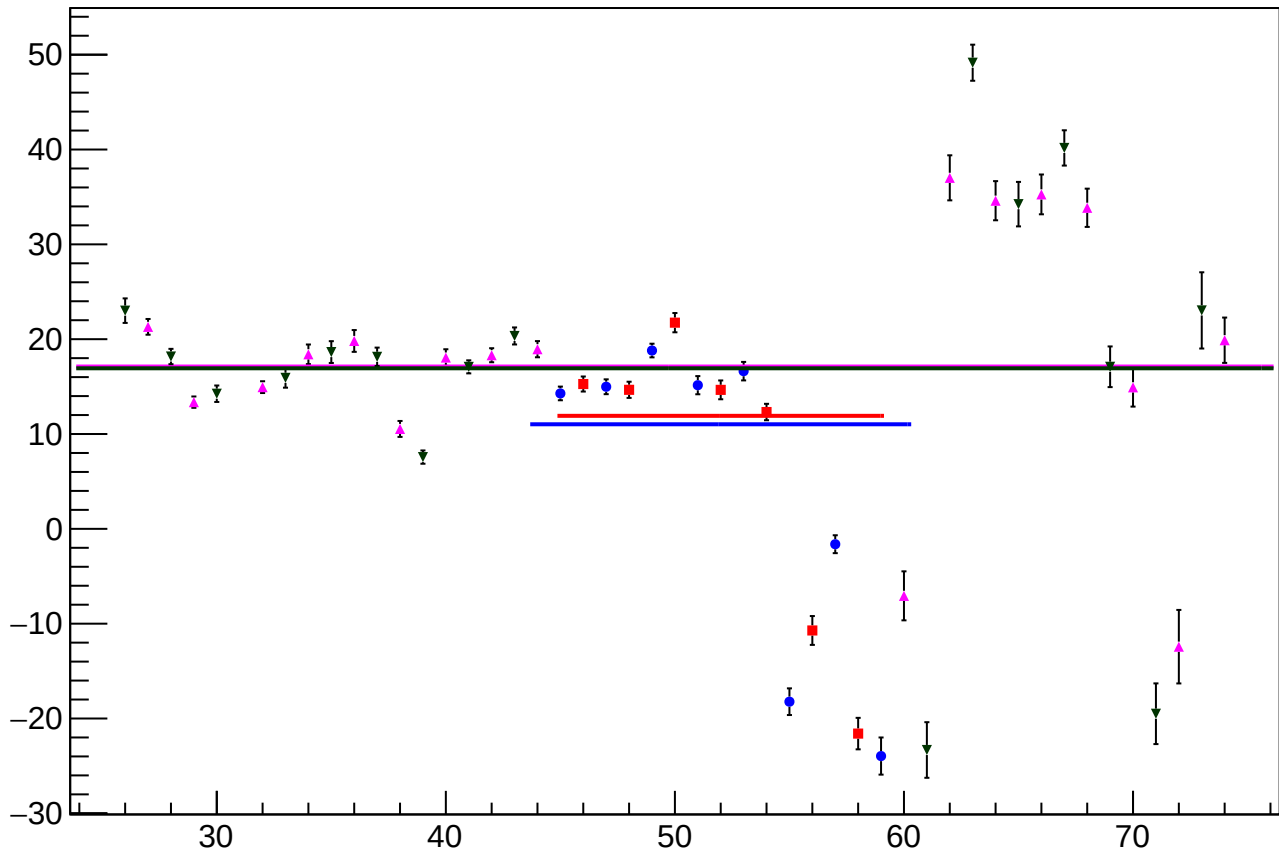
Right Out: -71.979 $\pm$ 0.474 χ^2 /NDF: 2059.2/6

Left In: -29.618 $\pm$ 0.310 χ^2 /NDF:6388.5/16

-47.988 $\pm$ 0.263 χ^2 /NDF: 14796.7/23

-42.298 $\pm$ 0.259 χ^2 /NDF: 14042.8/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 11.026+/-0.324 χ^2 /NDF: 1145.6/7

Left Out: 16.930+/-0.279 χ^2 /NDF:1049.5/15

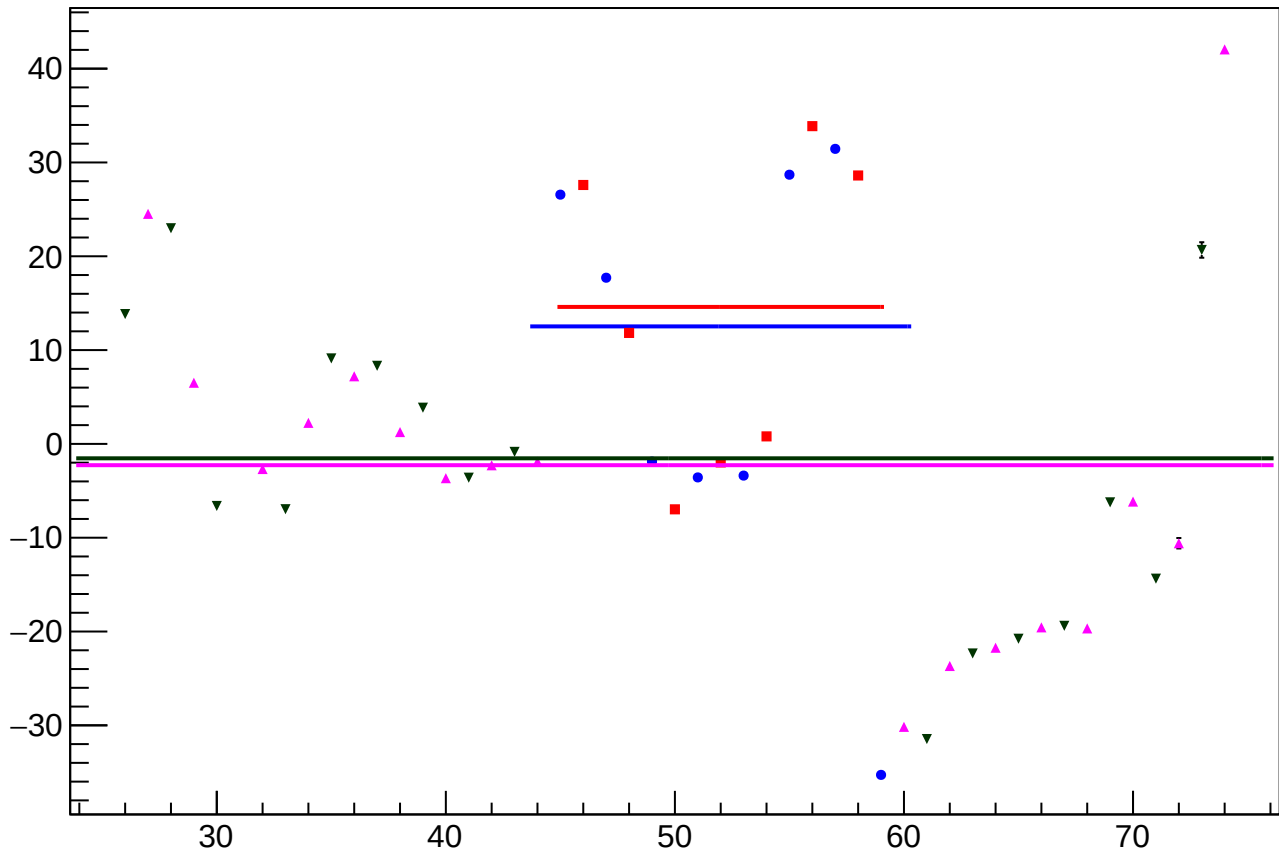
Right Out: 11.917+/-0.376 χ^2 /NDF: 758.3/6

Left In: 17.116+/-0.250 χ^2 /NDF:587.7/16

14.417+/-0.211 χ^2 /NDF: 2385.6/23

15.521+/-0.208 χ^2 /NDF: 1478.7/23

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

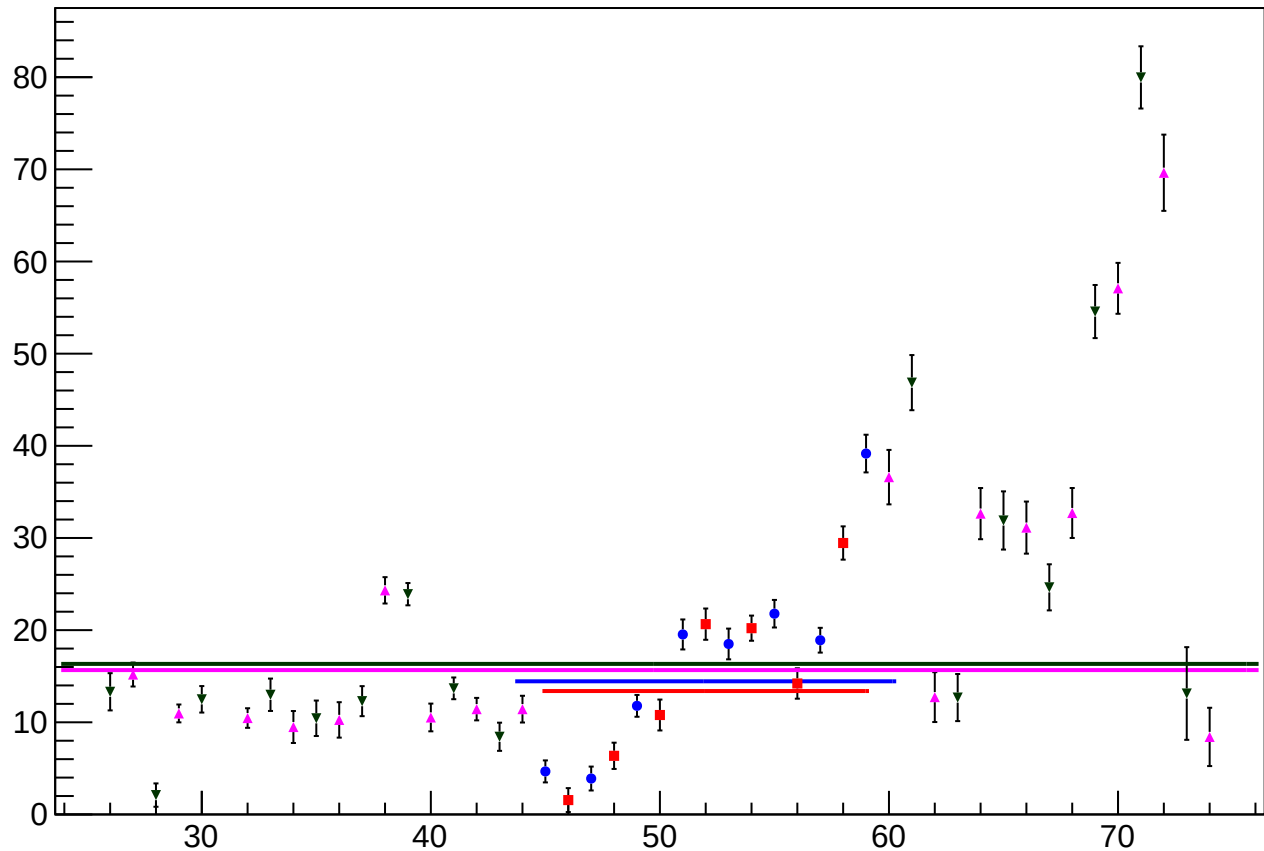
Right Out: 14.601+/-0.080 χ^2/NDF : 32276.4/6

Left In: -2.270+/-0.053 χ^2/NDF : 51528.6/16

3.994+/-0.045 χ^2/NDF : 133419.0/23

2.869+/-0.044 χ^2/NDF : 114766.0/23

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

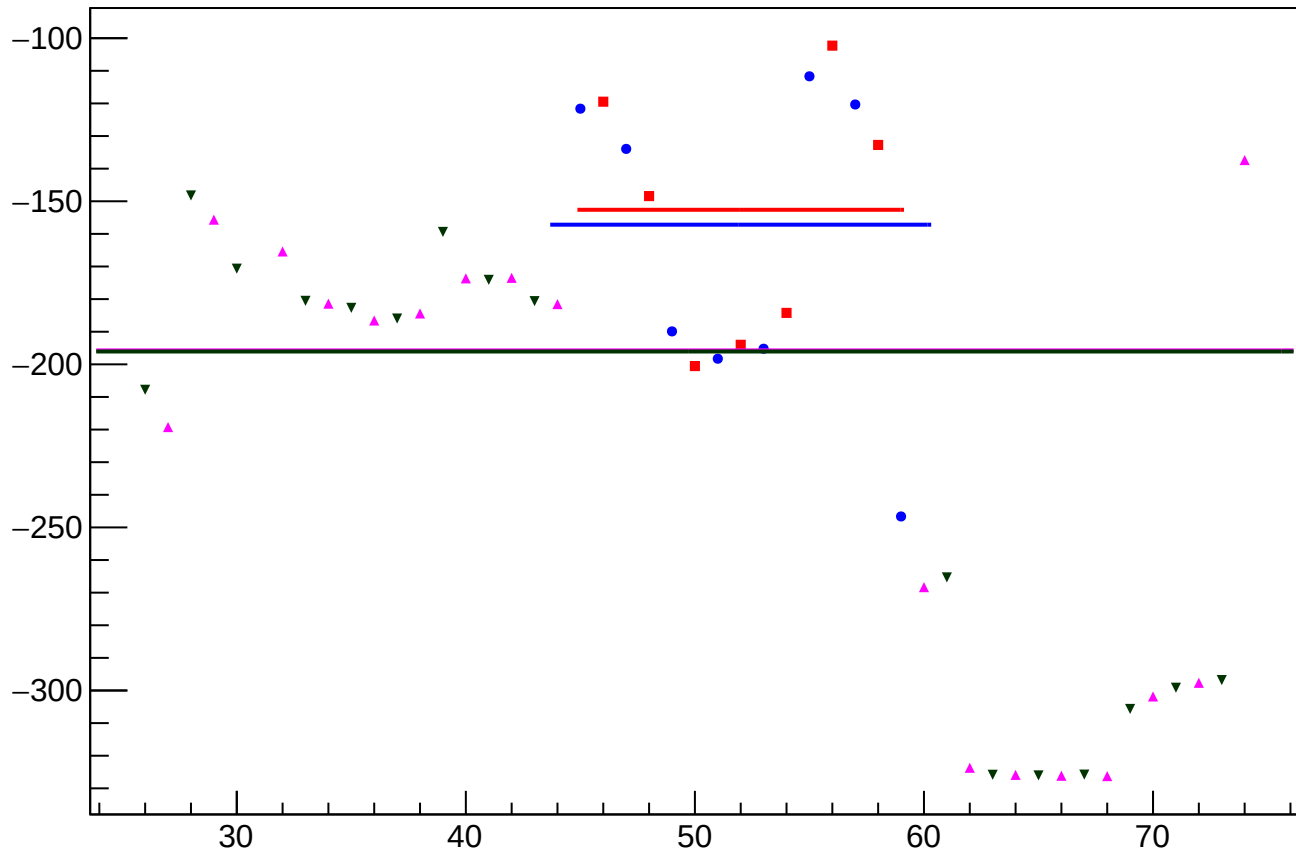
Right Out: 13.392 +/- 0.577 χ^2/NDF : 232.4/6

Left In: 15.664 +/- 0.403 χ^2/NDF : 695.9/16

15.492 +/- 0.335 χ^2/NDF : 1241.9/23

14.920 +/- 0.331 χ^2/NDF : 938.7/23

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -157.180 ± 0.097 $\chi^2/\text{NDF}: 180308.3/7$

Left Out: -196.061 ± 0.083 $\chi^2/\text{NDF}: 408562.0/15$

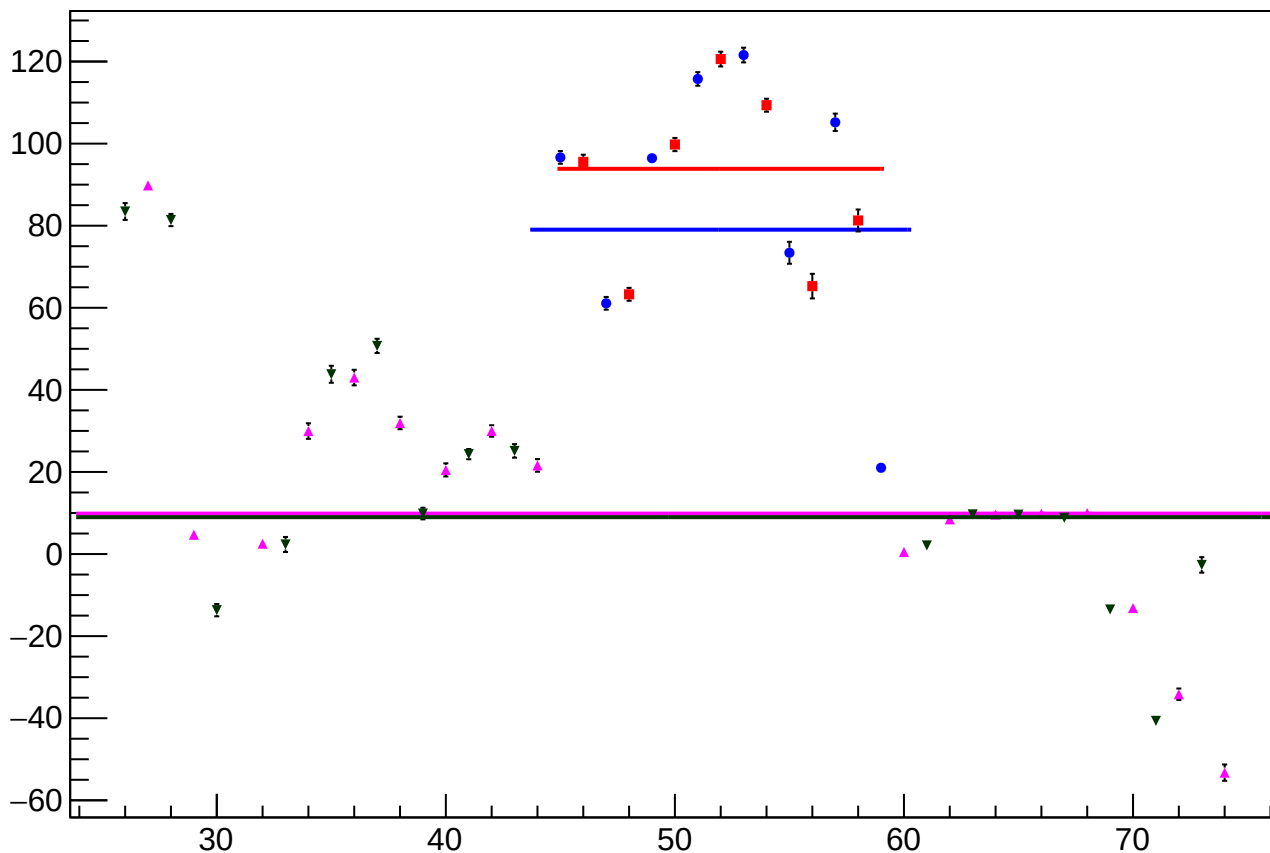
Right Out: -152.611 ± 0.109 $\chi^2/\text{NDF}: 105650.5/6$

Left In: -195.723 ± 0.080 $\chi^2/\text{NDF}: 452573.7/16$

-179.694 ± 0.063 $\chi^2/\text{NDF}: 681414.3/23$

-180.591 ± 0.065 $\chi^2/\text{NDF}: 659631.3/23$

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 79.034 $\pm$ 0.538 χ^2 /NDF: 4349.4/7

Left Out: 8.986 $\pm$ 0.177 χ^2 /NDF: 7713.6/15

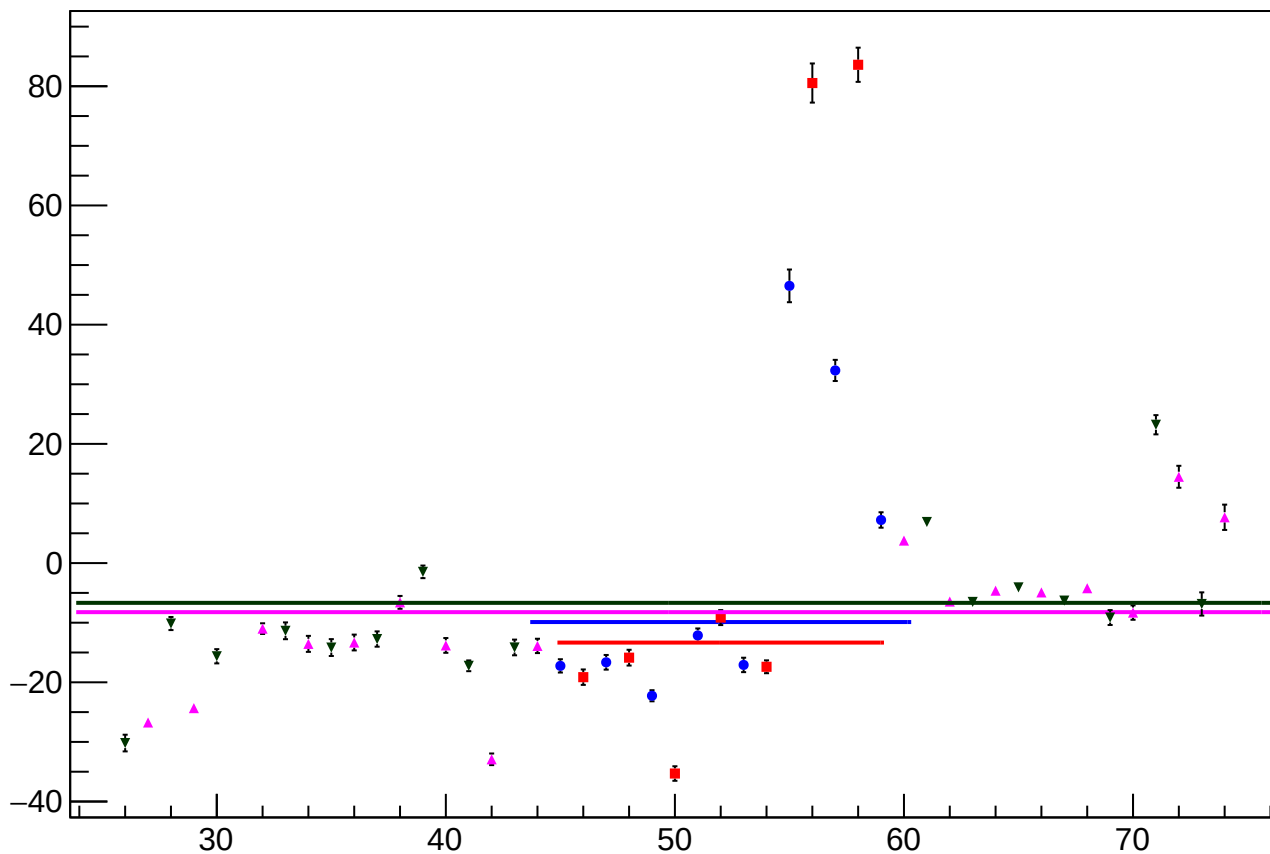
Right Out: 93.866 $\pm$ 0.694 χ^2 /NDF: 821.8/6

Left In: 9.852 $\pm$ 0.159 χ^2 /NDF: 9540.6/16

15.818 $\pm$ 0.168 χ^2 /NDF: 27370.4/23

14.043 $\pm$ 0.155 χ^2 /NDF: 24273.4/23

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

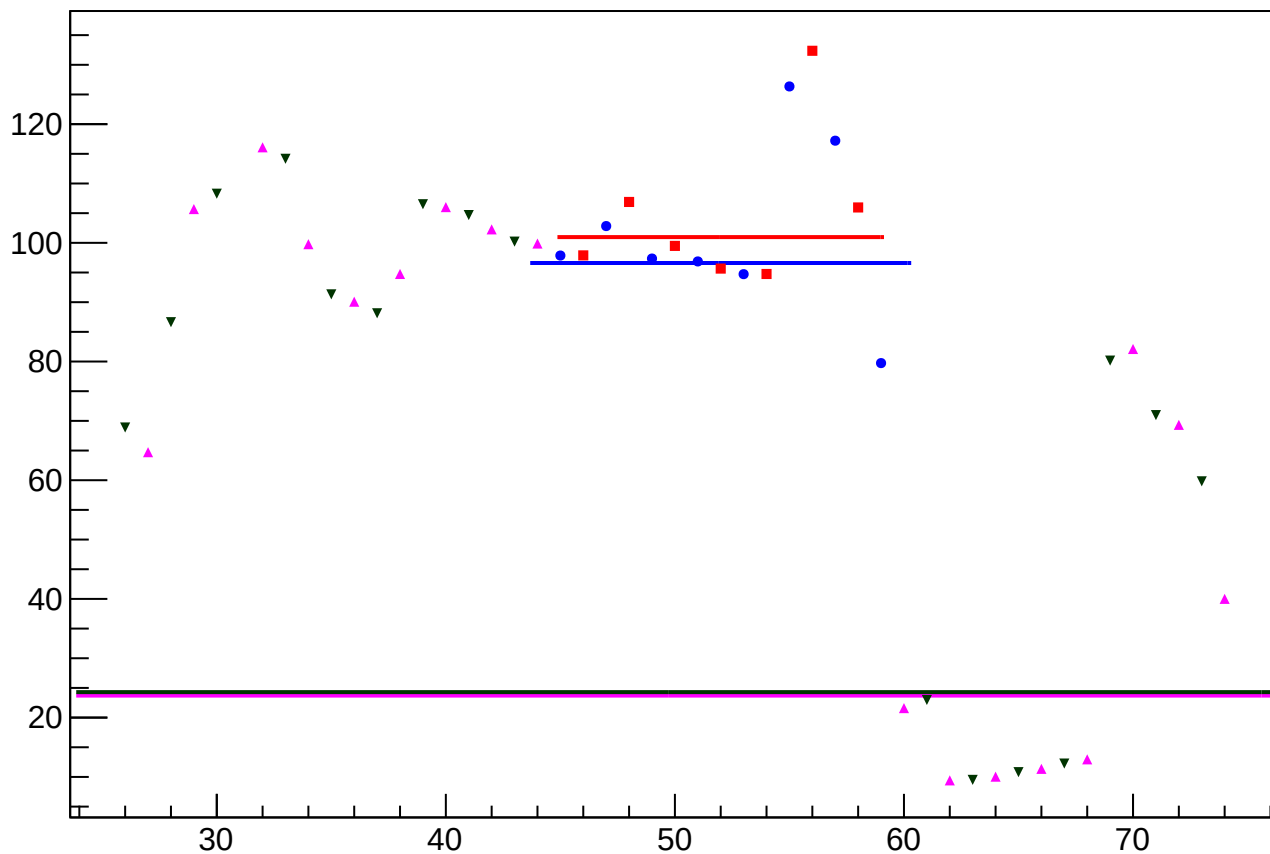
Right Out: -13.335 ± 0.531 χ^2/NDF : 2333.2/6

Left In: -8.231 ± 0.177 χ^2/NDF : 2780.2/16

-7.216 ± 0.183 χ^2/NDF : 2744.1/23

-8.743 ± 0.168 χ^2/NDF : 5196.6/23

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

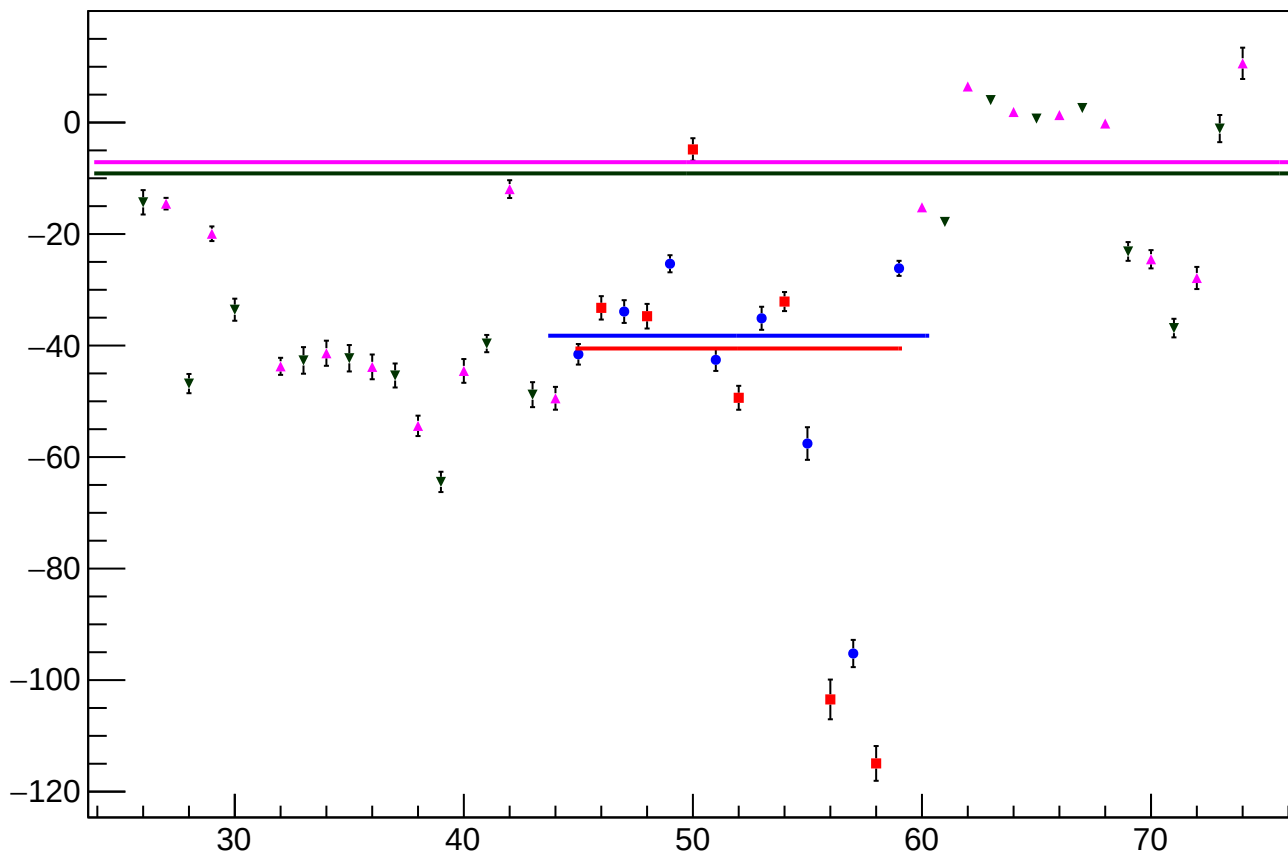
Right Out: 100.968 ± 0.118 χ^2/NDF : 5187.1/6

Left In: 23.708 ± 0.026 χ^2/NDF : 1273592.7/16

30.441 ± 0.028 χ^2/NDF : 1543654.0/23

27.302 ± 0.026 χ^2/NDF : 1685217.2/23

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

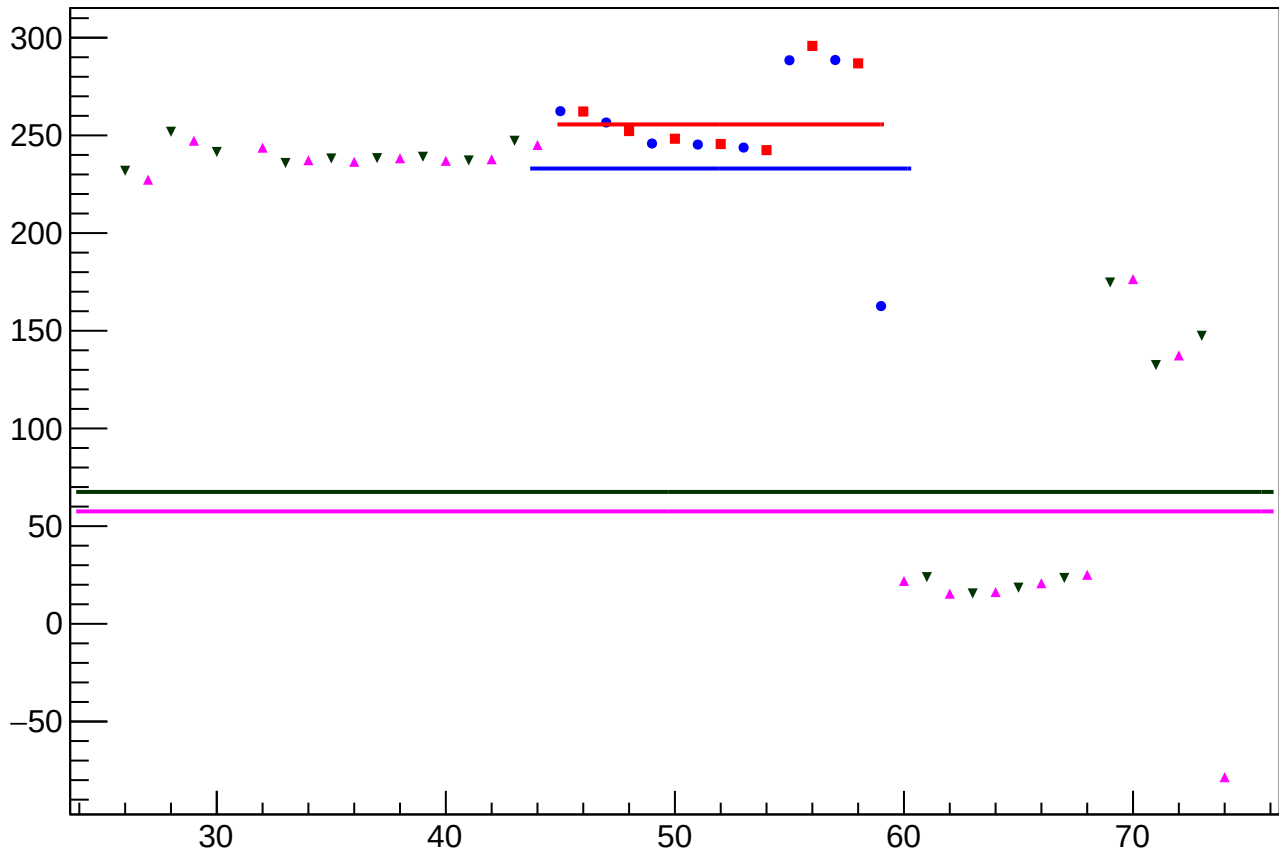
Right Out: -40.527 ± 0.839 χ^2/NDF : 1256.5/6

Left In: -7.114 ± 0.244 χ^2/NDF : 4107.1/16

-13.390 ± 0.254 χ^2/NDF : 7029.7/23

-9.718 ± 0.234 χ^2/NDF : 6825.1/23

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

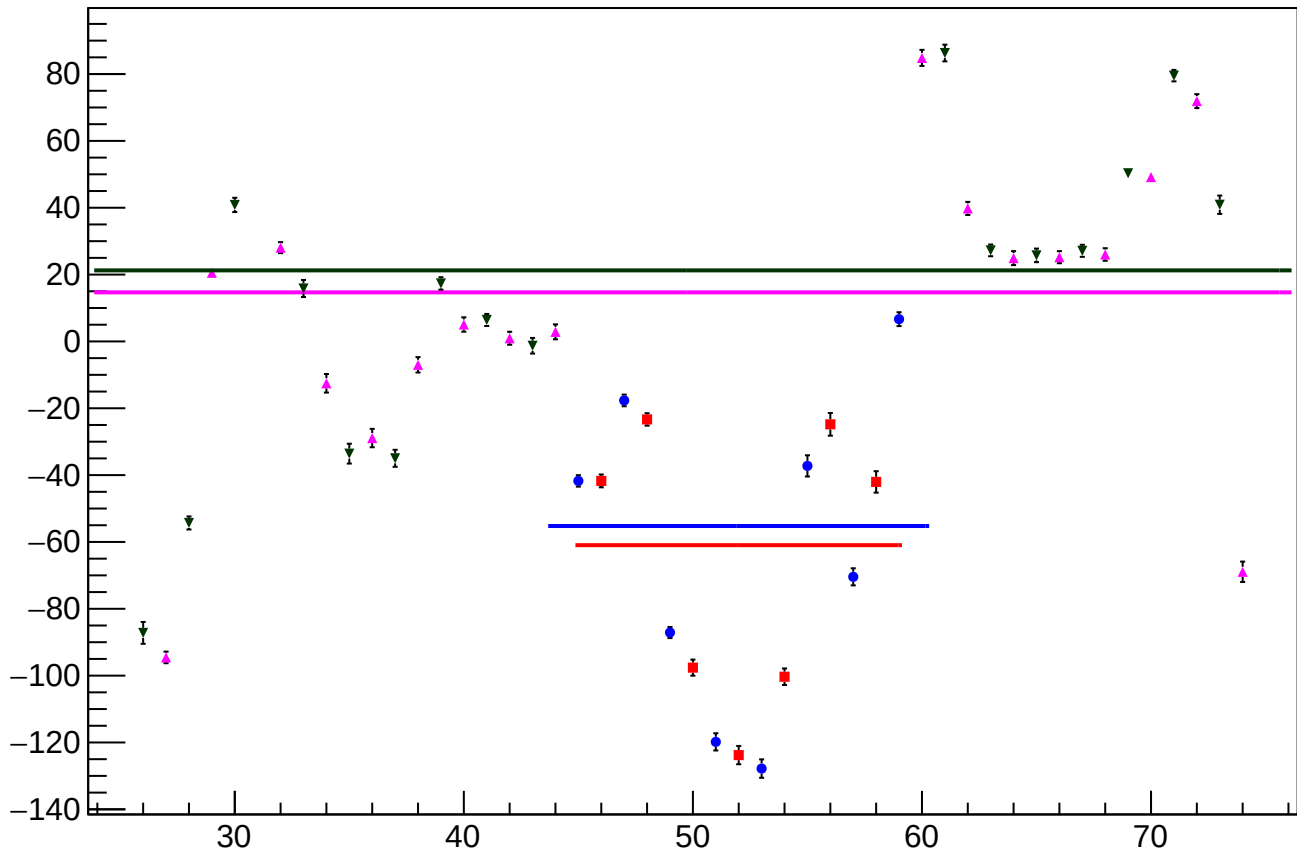
Right Out: 255.609 $\pm$ 0.159 χ^2 /NDF: 9747.8/6

Left In: 57.547 $\pm$ 0.045 χ^2 /NDF:3446605.6/16

89.506 $\pm$ 0.047 χ^2 /NDF: 4517293.1/23

72.387 $\pm$ 0.044 χ^2 /NDF: 4886633.2/23

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

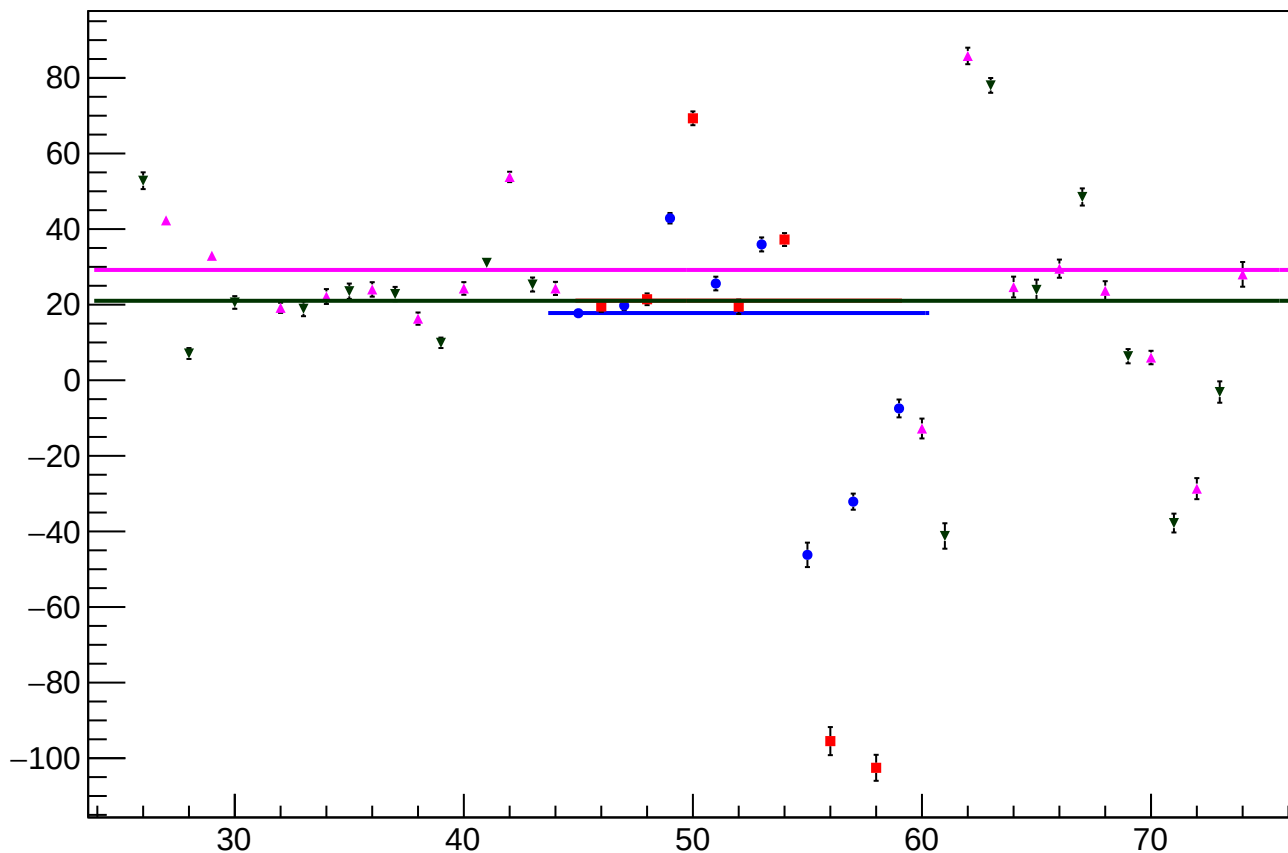
Right Out: -60.965 $\pm$ 0.907 χ^2 /NDF: 1671.8/6

Left In: 14.681 $\pm$ 0.475 χ^2 /NDF: 7805.1/16

-3.582 $\pm$ 0.424 χ^2 /NDF: 16281.1/23

-1.615 $\pm$ 0.421 χ^2 /NDF: 14936.1/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 17.787 $\pm$ 0.599 χ^2 /NDF: 1495.8/7

Left Out: 21.025 $\pm$ 0.473 χ^2 /NDF: 2456.3/15

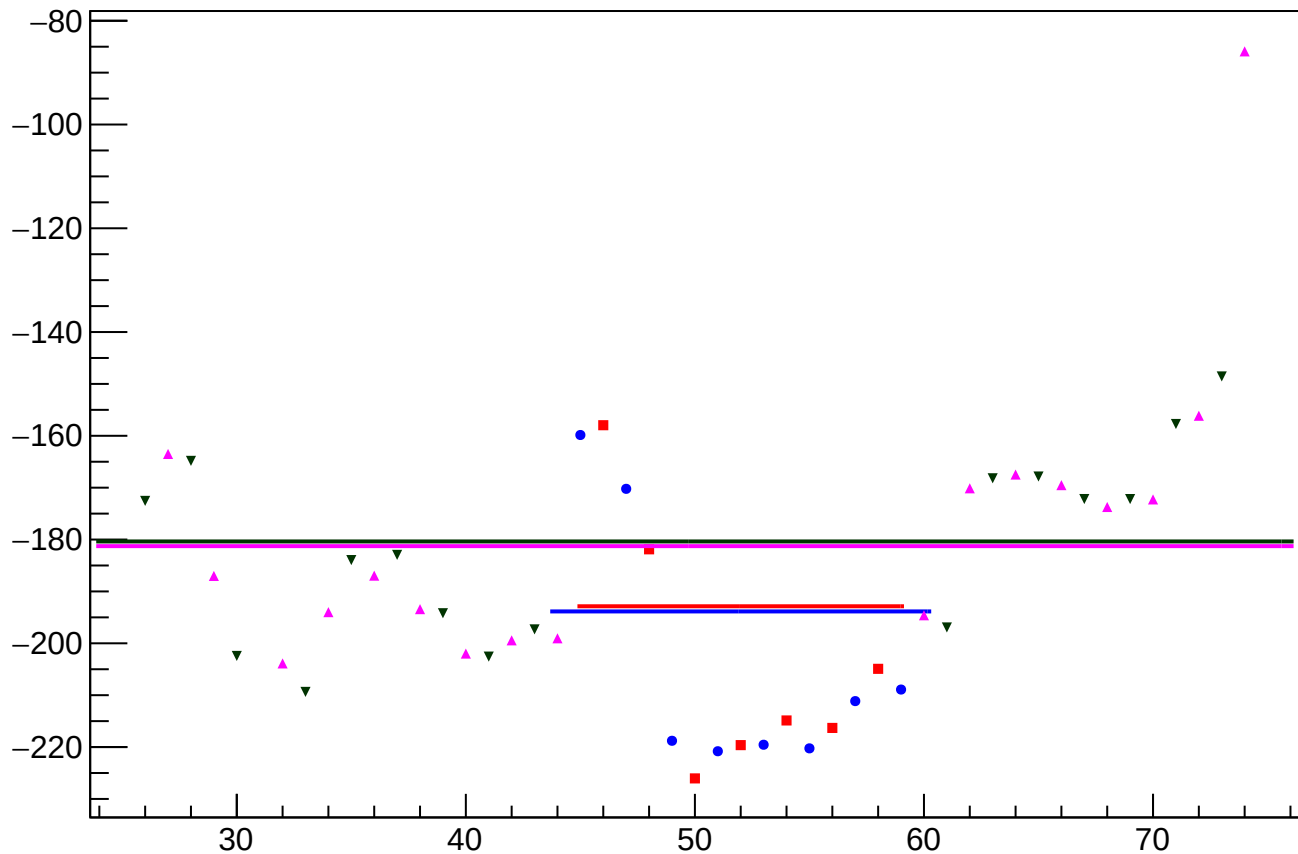
Right Out: 21.072 $\pm$ 0.709 χ^2 /NDF: 3064.0/6

Left In: 29.190 $\pm$ 0.417 χ^2 /NDF: 2171.7/16

19.780 $\pm$ 0.371 χ^2 /NDF: 3970.1/23

27.105 $\pm$ 0.360 χ^2 /NDF: 5333.0/23

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

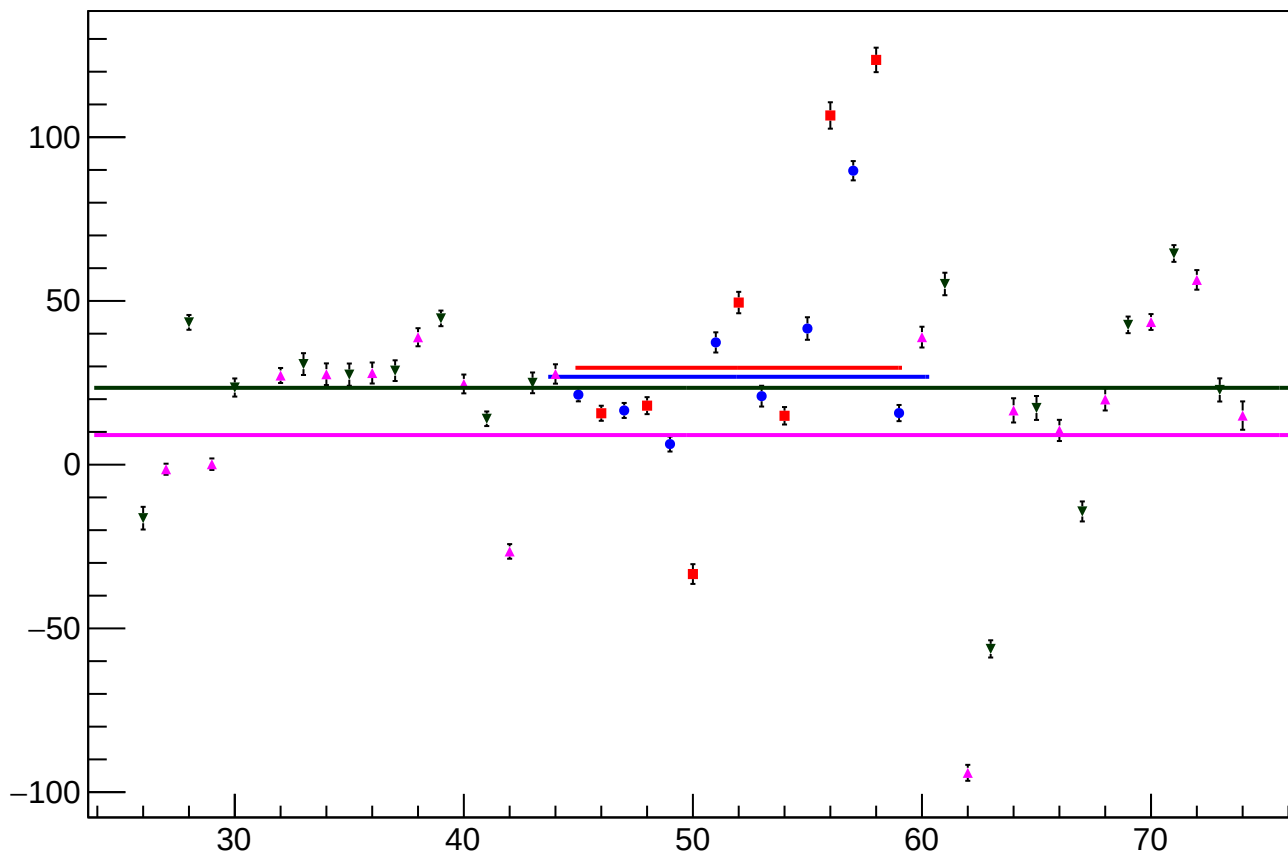
Right Out: -192.862 ± 0.153 χ^2/NDF : 29111.9/6

Left In: -181.269 ± 0.083 χ^2/NDF : 50569.7/16

-184.660 ± 0.074 χ^2/NDF : 80691.3/23

-183.894 ± 0.073 χ^2/NDF : 84098.9/23

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

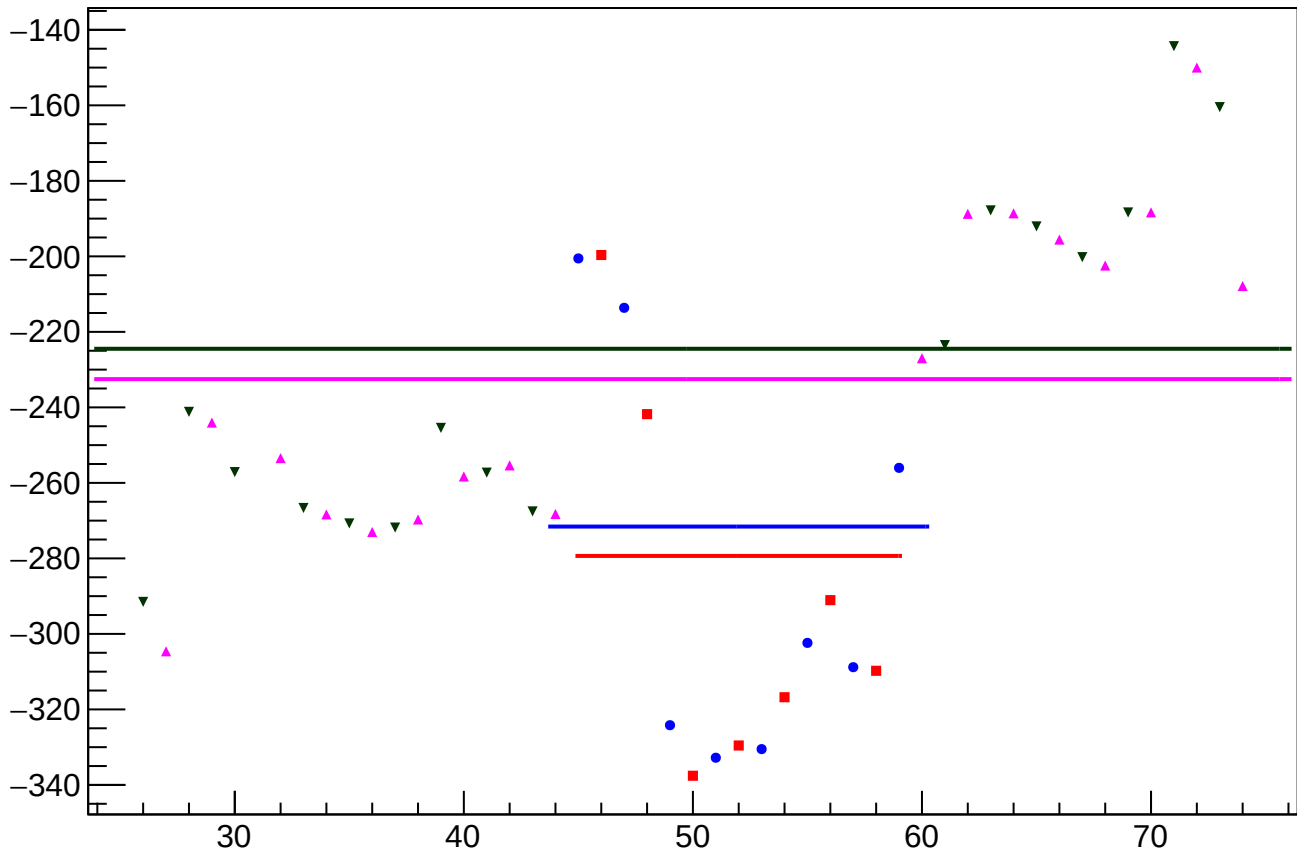
Right Out: 29.589+/-1.108 χ^2/NDF : 1557.6/6

Left In: 9.040+/-0.635 χ^2/NDF : 2986.3/16

24.737+/-0.563 χ^2/NDF : 2417.8/23

14.120+/-0.551 χ^2/NDF : 4802.8/23

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

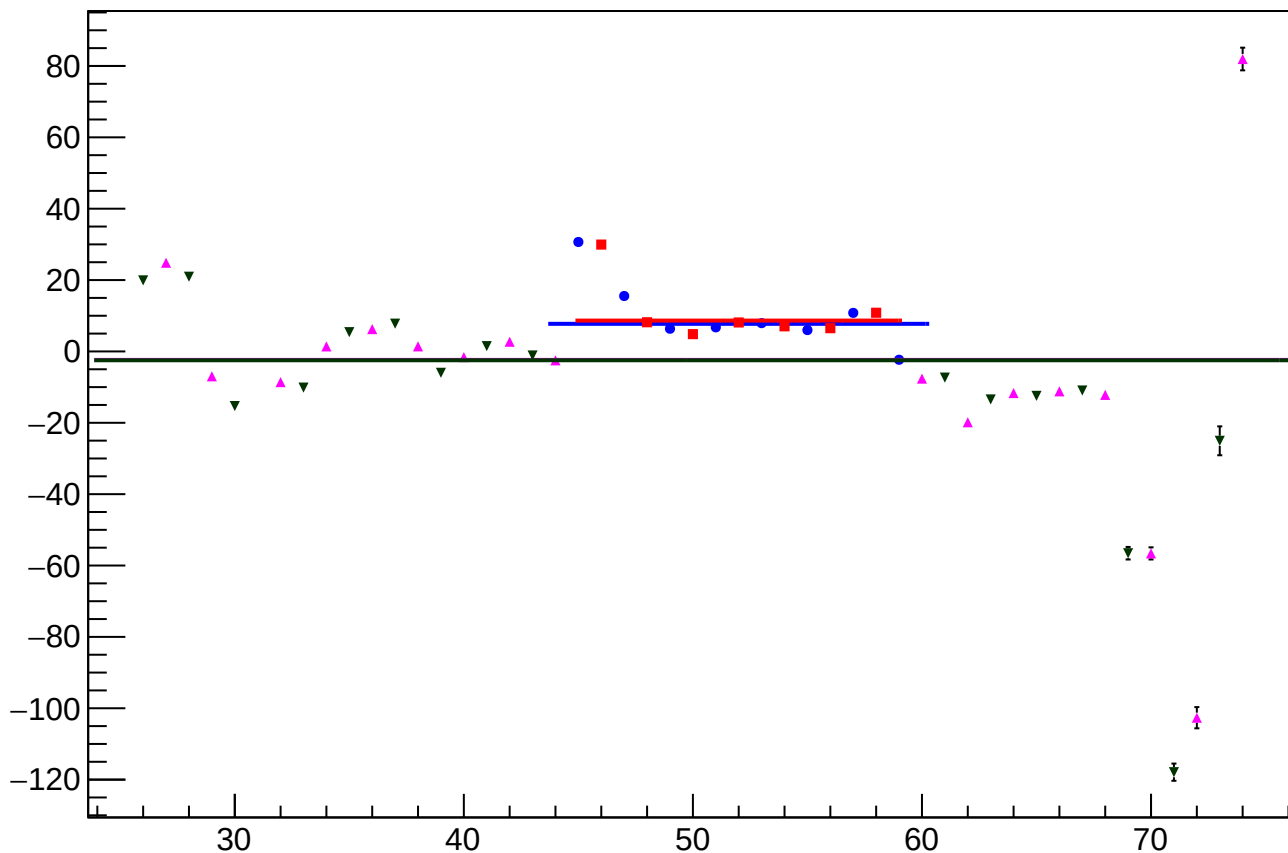
Right Out: -279.346+/-0.210 χ^2/NDF : 62721.9/6

Left In: -232.516+/-0.124 χ^2/NDF : 113866.8/16

-240.559+/-0.104 χ^2/NDF : 261891.0/23

-244.601+/-0.107 χ^2/NDF : 213503.4/23

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

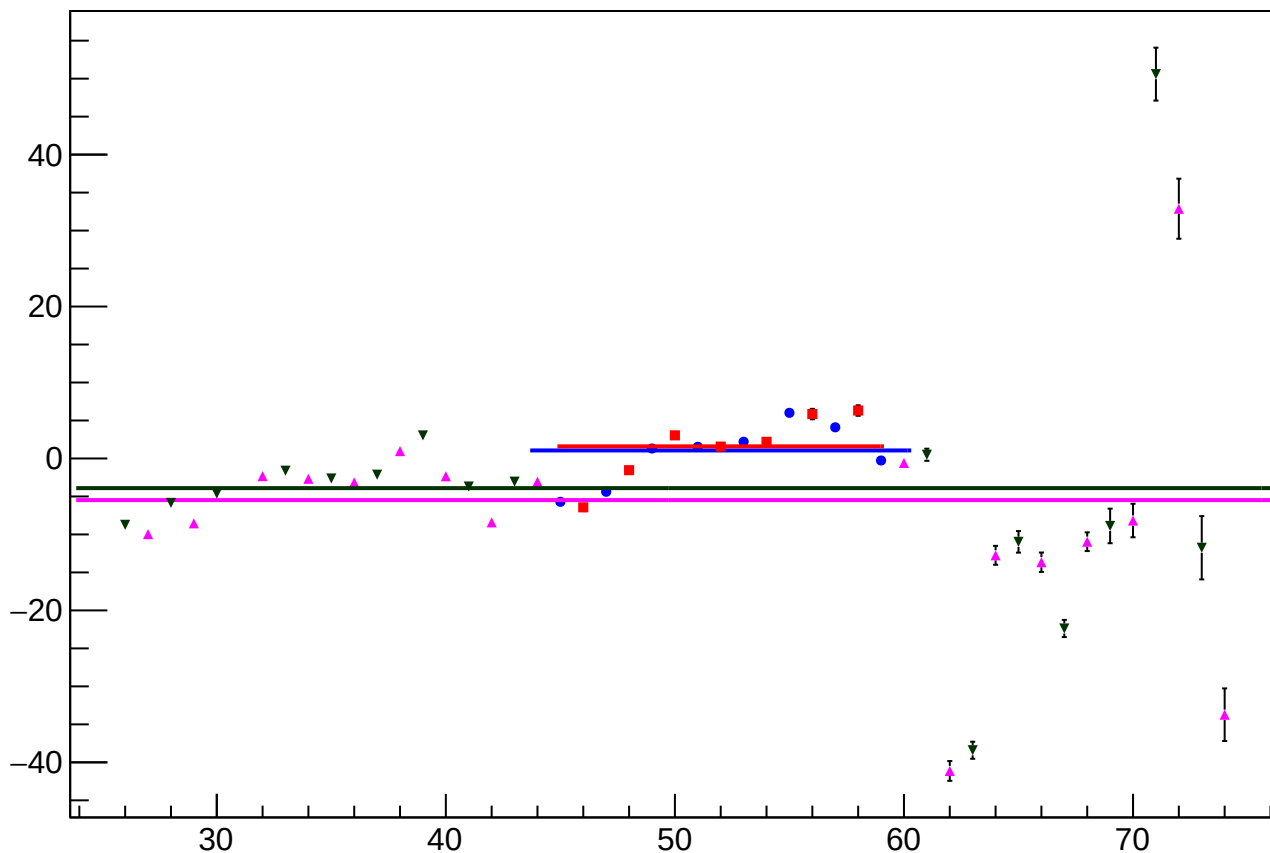
Right Out: 8.650+/-0.194 χ^2/NDF : 893.4/6

Left In: -2.377+/-0.168 χ^2/NDF : 6572.5/16

3.392+/-0.122 χ^2/NDF : 10424.2/23

2.353+/-0.127 χ^2/NDF : 9307.0/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 1.056+/-0.131 χ^2/NDF : 438.0/7

Left Out: -3.903+/-0.152 χ^2/NDF : 1929.8/15

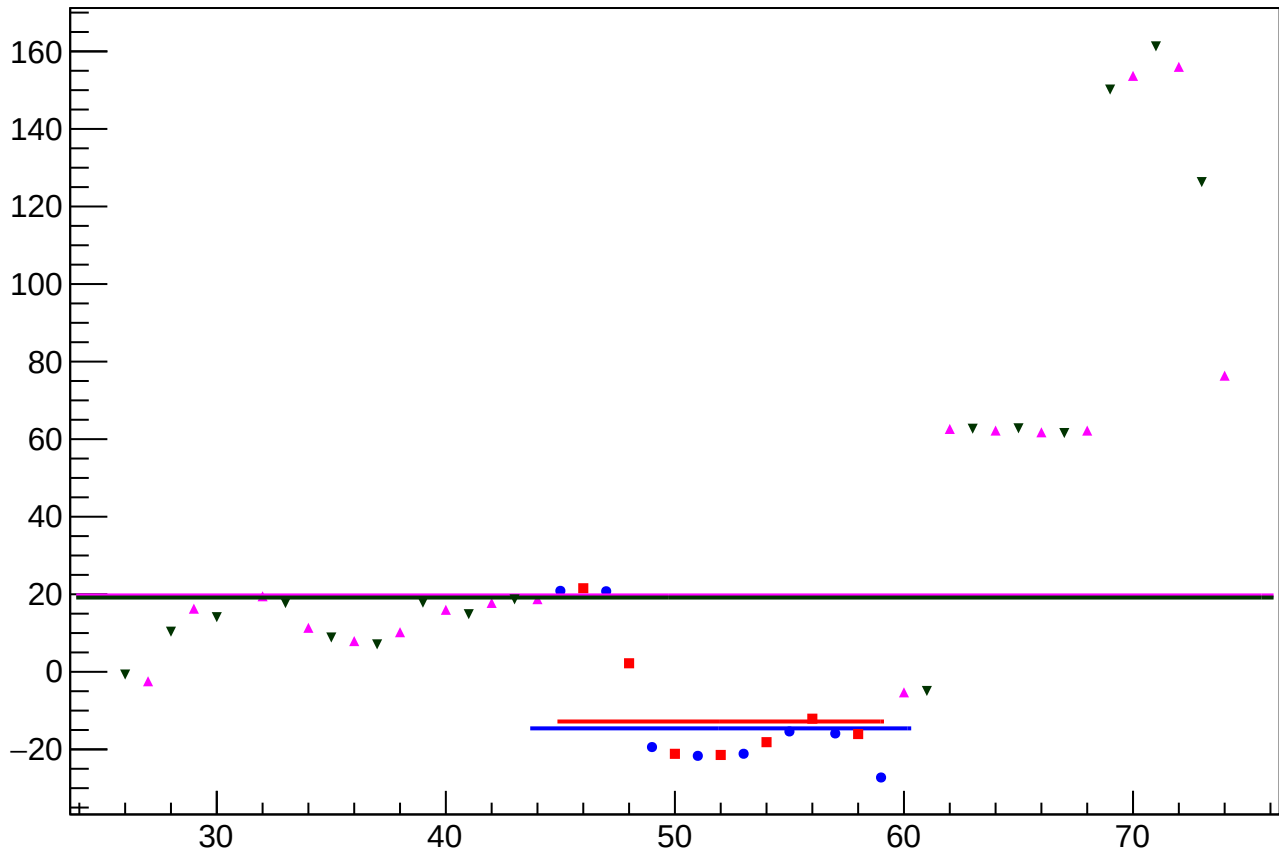
Right Out: 1.596+/-0.150 χ^2/NDF : 360.1/6

Left In: -5.480+/-0.133 χ^2/NDF : 1789.1/16

-1.060+/-0.099 χ^2/NDF : 2978.7/23

-2.379+/-0.099 χ^2/NDF : 3398.2/23

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -14.581 ± 0.029 $\chi^2/\text{NDF}: 253587.2/7$

Left Out: 19.157 ± 0.031 $\chi^2/\text{NDF}: 585720.9/15$

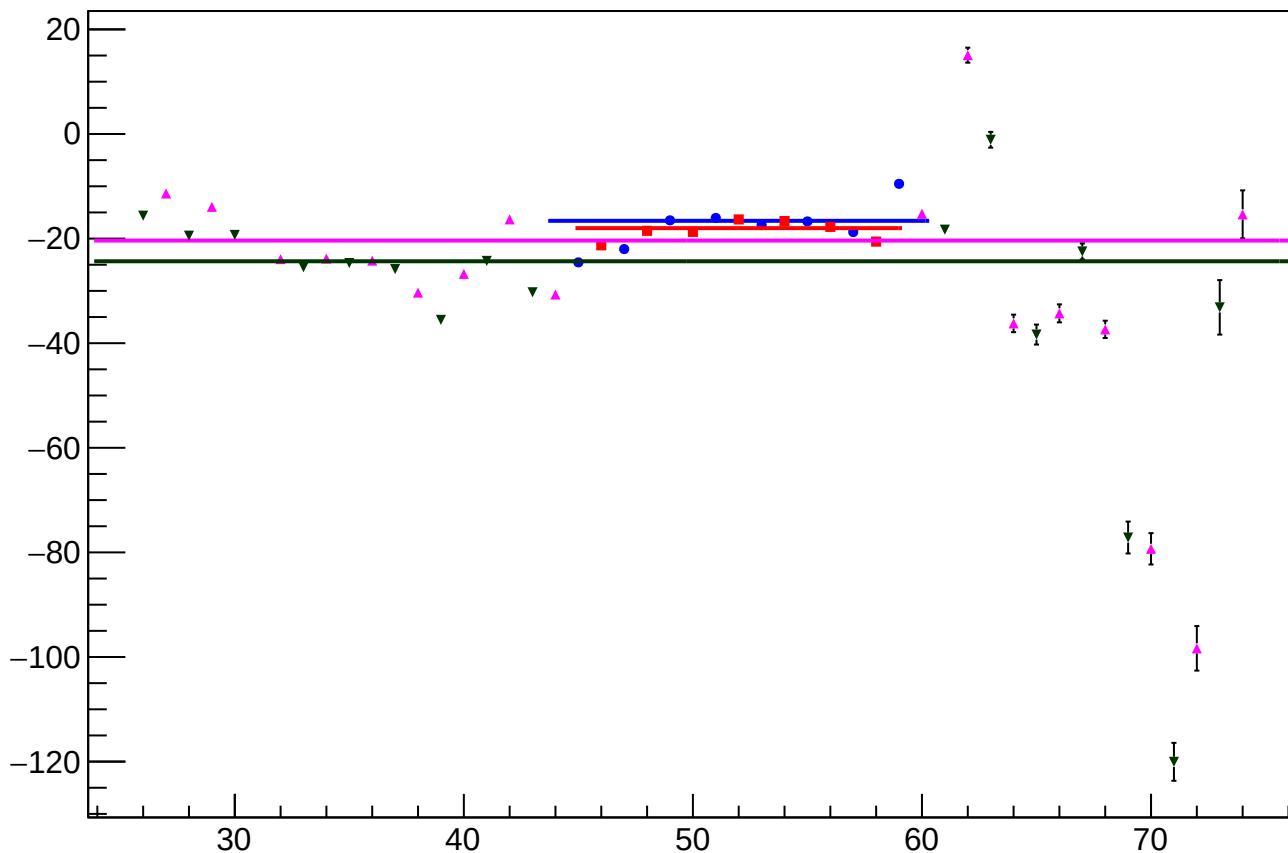
Right Out: -12.808 ± 0.034 $\chi^2/\text{NDF}: 142488.4/6$

Left In: 19.704 ± 0.028 $\chi^2/\text{NDF}: 645433.0/16$

1.183 ± 0.022 $\chi^2/\text{NDF}: 1452099.0/23$

6.229 ± 0.022 $\chi^2/\text{NDF}: 1329115.3/23$

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 $\chi^2/\text{NDF}: 1825.0/15$

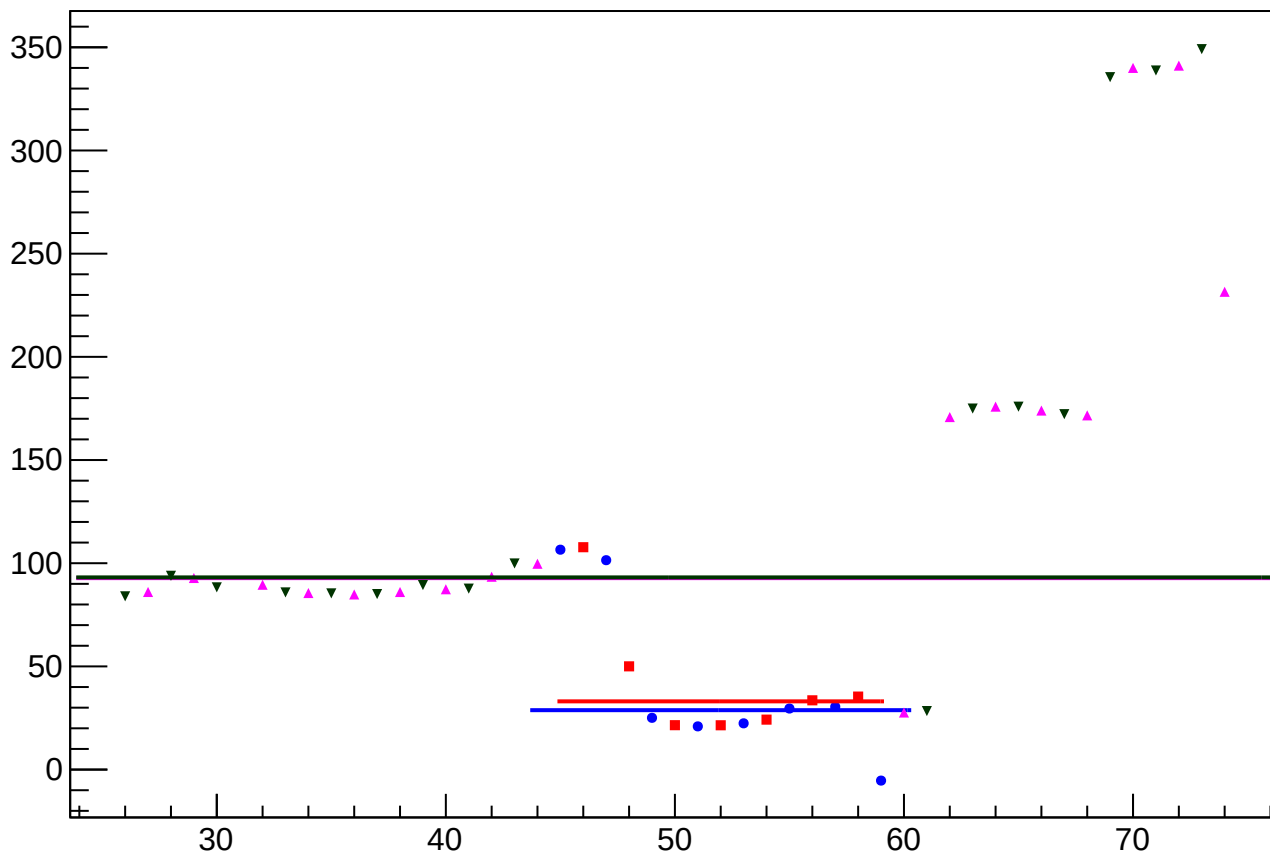
Right Out: -18.001 ± 0.234 $\chi^2/\text{NDF}: 44.9/6$

Left In: -20.376 ± 0.212 $\chi^2/\text{NDF}: 2542.9/16$

-19.717 ± 0.154 $\chi^2/\text{NDF}: 2767.9/23$

-19.304 ± 0.157 $\chi^2/\text{NDF}: 2644.6/23$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 28.787 ± 0.038 $\chi^2/\text{NDF}: 544915.0/7$

Left Out: 93.125 ± 0.044 $\chi^2/\text{NDF}: 902878.6/15$

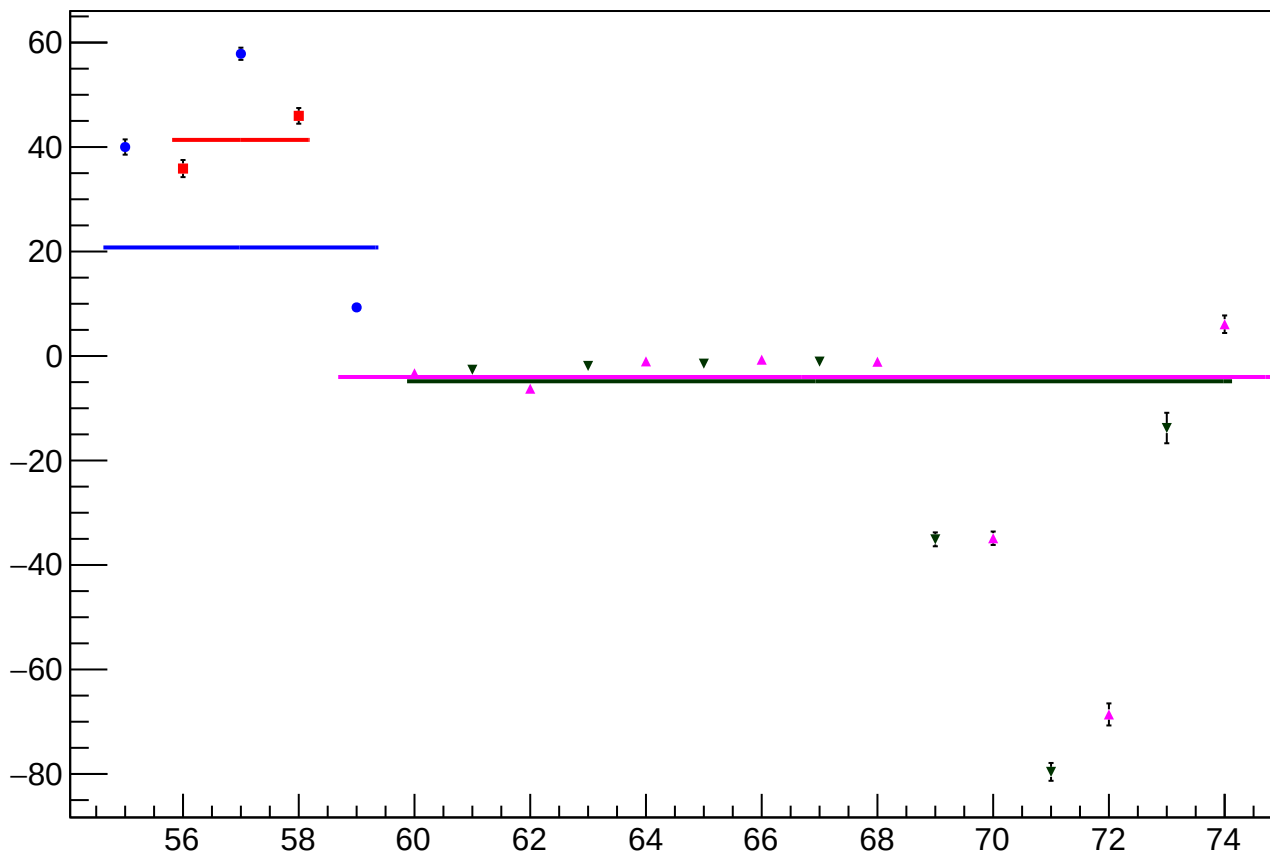
Right Out: 33.060 ± 0.043 $\chi^2/\text{NDF}: 227691.7/6$

Left In: 92.768 ± 0.043 $\chi^2/\text{NDF}: 975179.1/16$

56.055 ± 0.029 $\chi^2/\text{NDF}: 2665970.5/23$

63.034 ± 0.030 $\chi^2/\text{NDF}: 2162901.6/23$

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

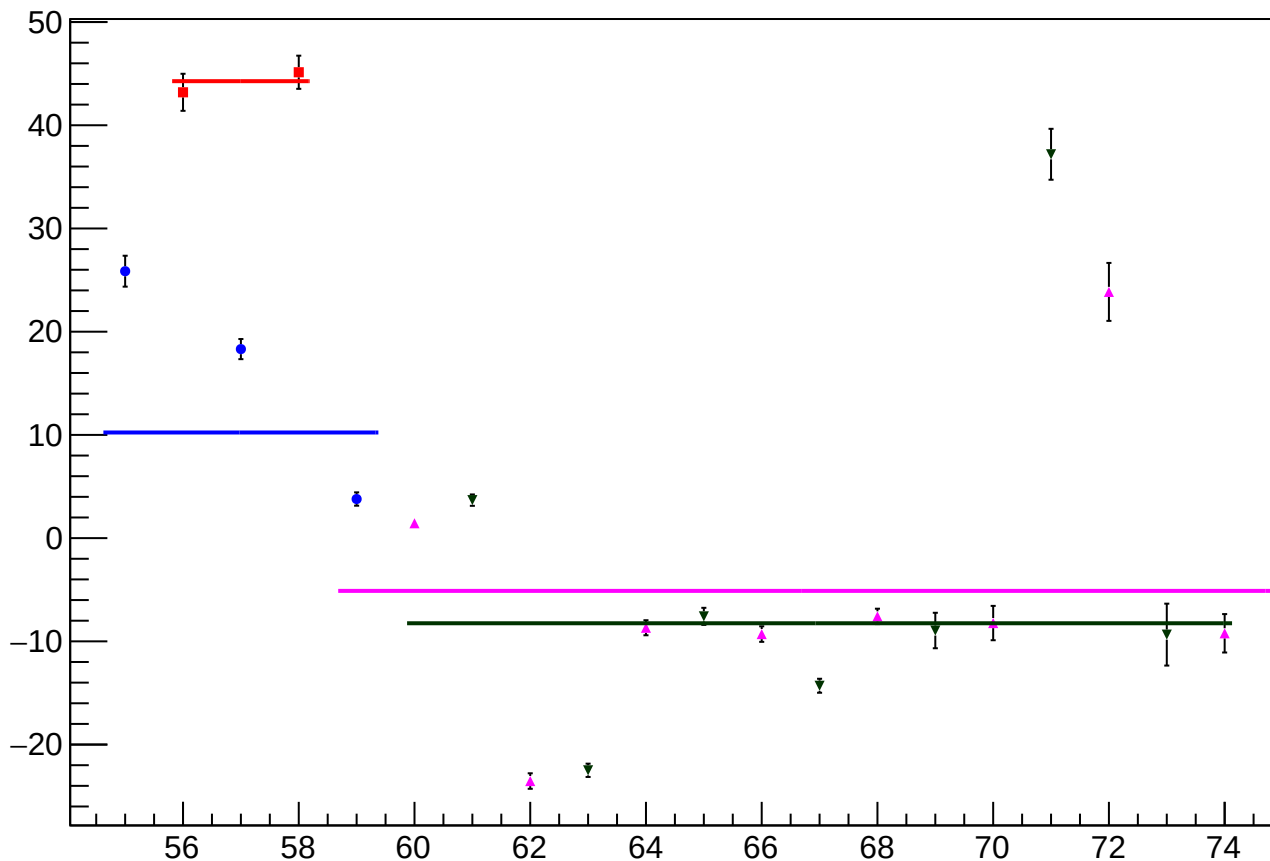
Right Out: 41.366+/-1.106 χ^2/NDF : 20.6/1

Left In: -4.016+/-0.225 χ^2/NDF : 1654.8/7

0.620+/-0.221 χ^2/NDF : 6425.2/9

-2.221+/-0.220 χ^2/NDF : 3291.5/9

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

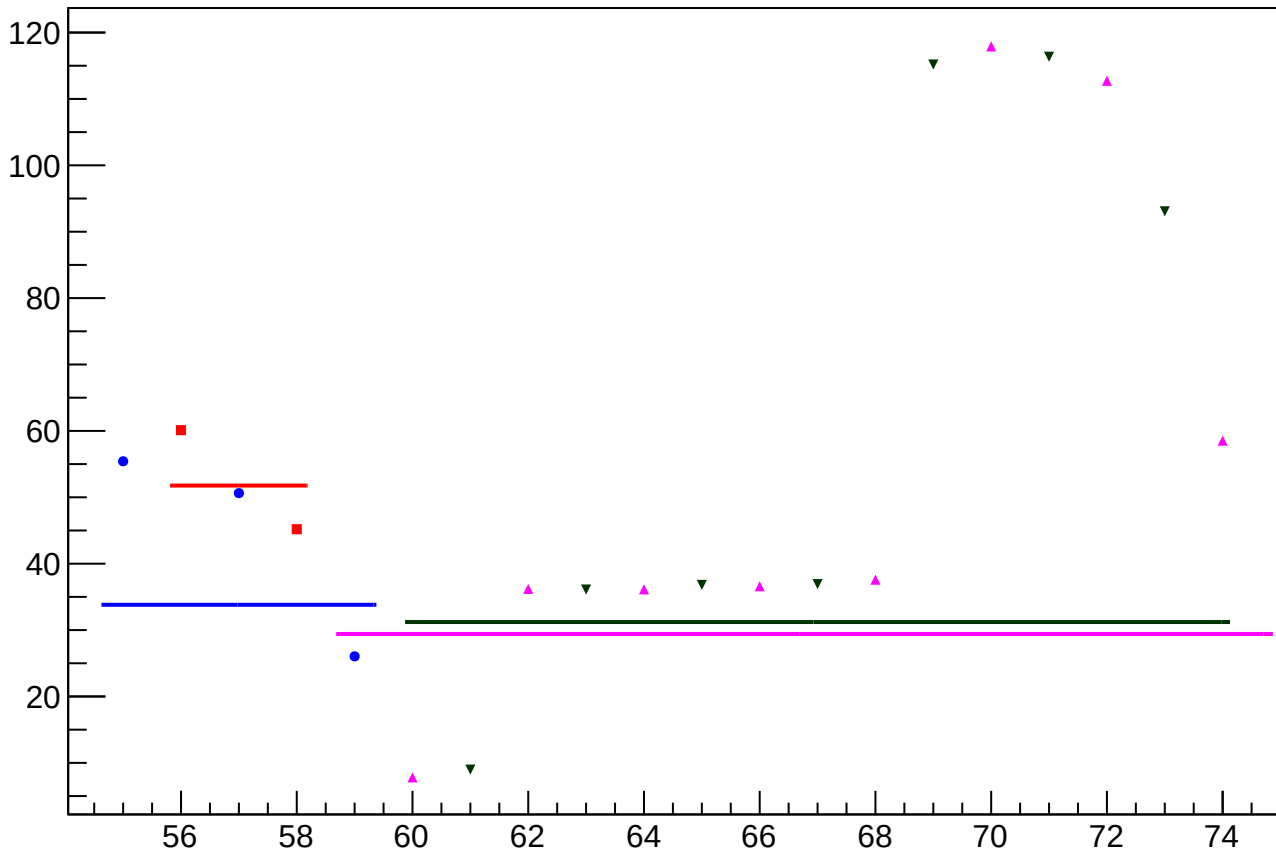
Right Out: 44.271+/-1.197 χ^2 /NDF: 0.7/1

Left In: -5.112+/-0.253 χ^2 /NDF:1108.2/7

-3.052+/-0.269 χ^2 /NDF: 2610.2/9

-2.997+/-0.248 χ^2 /NDF: 2738.1/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 33.810 $\pm$ 0.086 χ^2 /NDF: 19891.4/2

Left Out: 31.213 $\pm$ 0.043 χ^2 /NDF: 288324.6/6

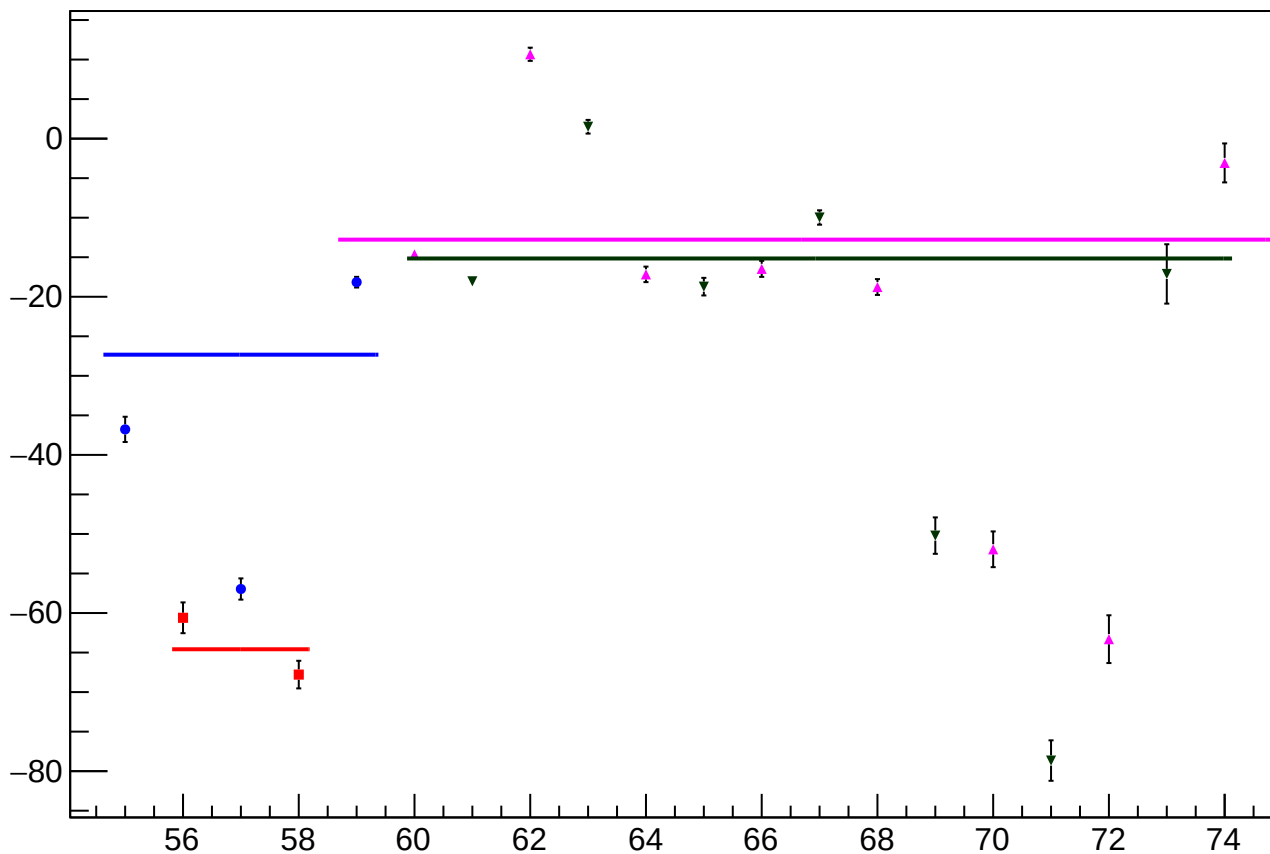
Right Out: 51.766 $\pm$ 0.190 χ^2 /NDF: 1518.5/1

Left In: 29.413 $\pm$ 0.037 χ^2 /NDF: 302301.5/7

31.723 $\pm$ 0.038 χ^2 /NDF: 308949.6/9

30.233 $\pm$ 0.036 χ^2 /NDF: 317139.3/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -27.325 ± 0.564 χ^2/NDF : 707.0/2

Left Out: -15.158 ± 0.380 χ^2/NDF : 1287.0/6

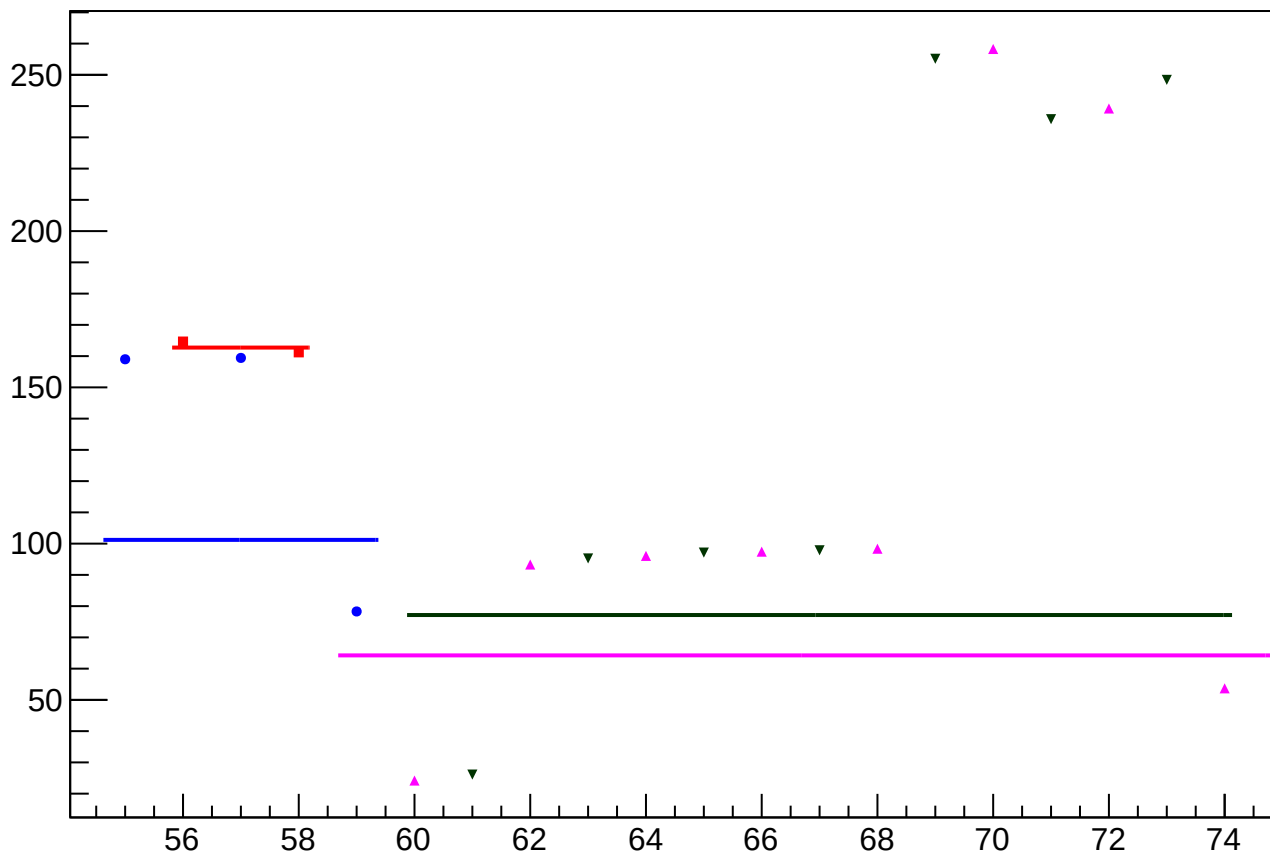
Right Out: -64.582 ± 1.300 χ^2/NDF : 7.5/1

Left In: -12.776 ± 0.331 χ^2/NDF : 1467.5/7

-18.956 ± 0.315 χ^2/NDF : 2314.1/9

-15.927 ± 0.321 χ^2/NDF : 2966.4/9

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

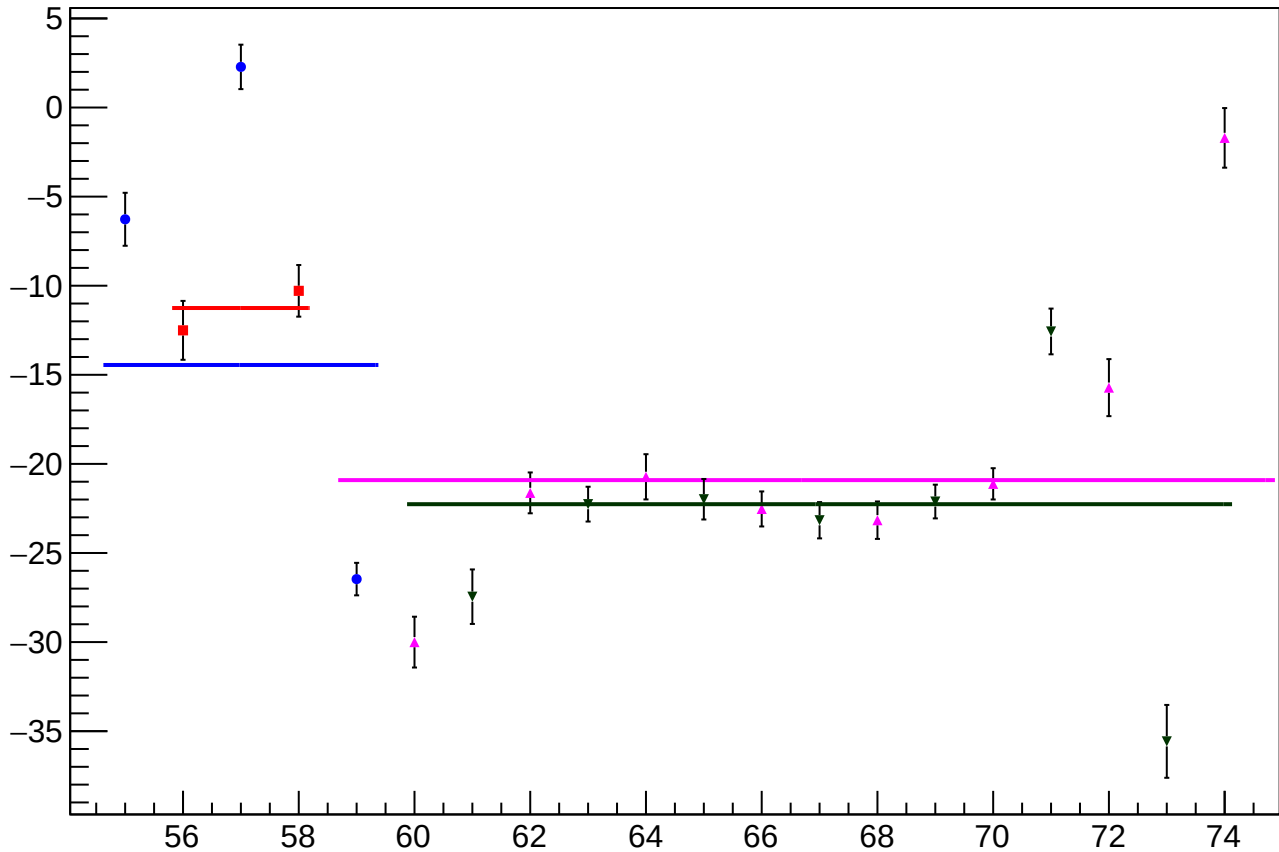
Right Out: 162.734 $\pm$ 0.233 χ^2 /NDF: 53.9/1

Left In: 64.242 $\pm$ 0.058 χ^2 /NDF: 717107.6/7

84.364 $\pm$ 0.059 χ^2 /NDF: 847568.7/9

70.056 $\pm$ 0.056 χ^2 /NDF: 885960.3/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



Right In: -14.449+/-0.660 χ^2/NDF : 383.8/2

Left Out: -22.262+/-0.439 χ^2/NDF : 111.8/6

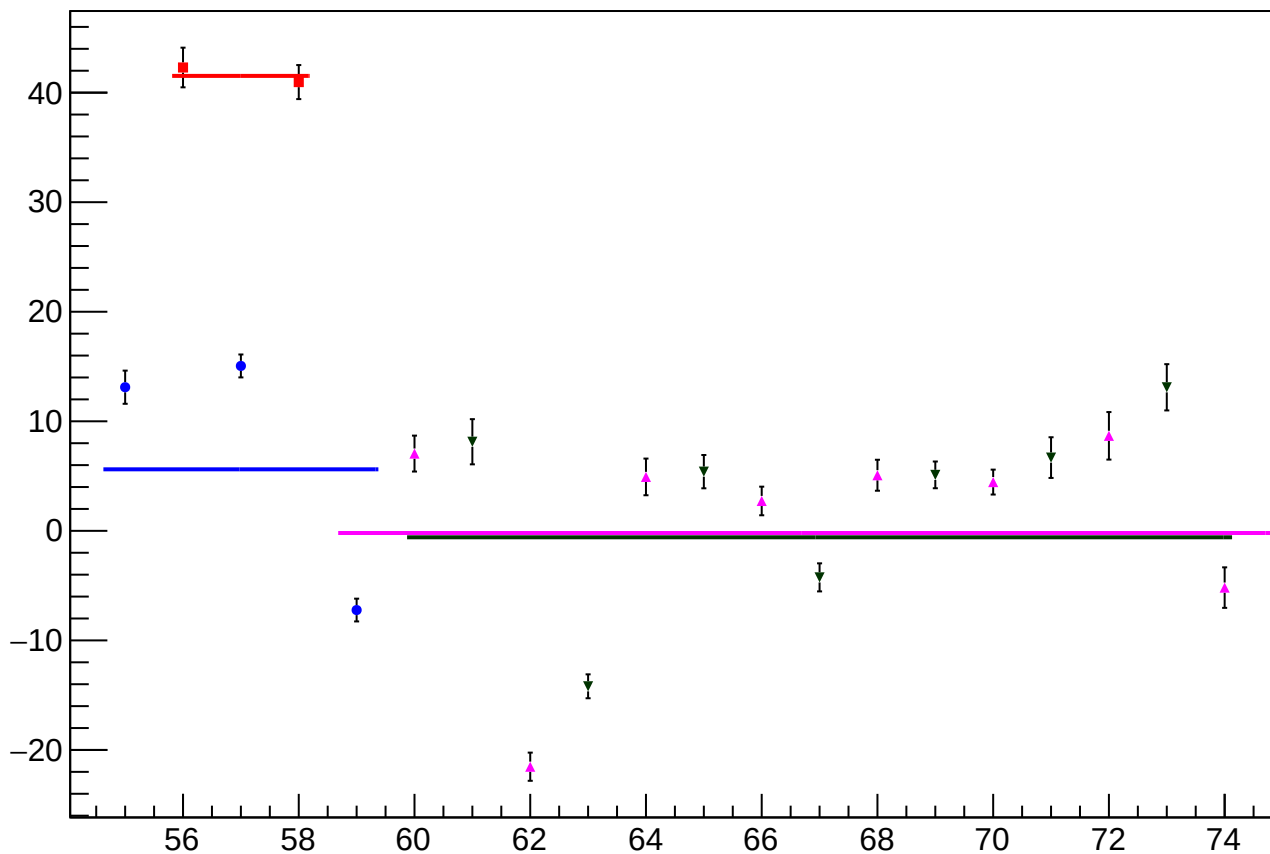
Right Out: -11.252+/-1.089 χ^2/NDF : 1.0/1

Left In: -20.910+/-0.413 χ^2/NDF : 190.7/7

-19.860+/-0.366 χ^2/NDF : 592.8/9

-19.696+/-0.386 χ^2/NDF : 260.4/9

reg_asym_atl_dd_atr_dd_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 $\chi^2/\text{NDF}: 276.1/6$

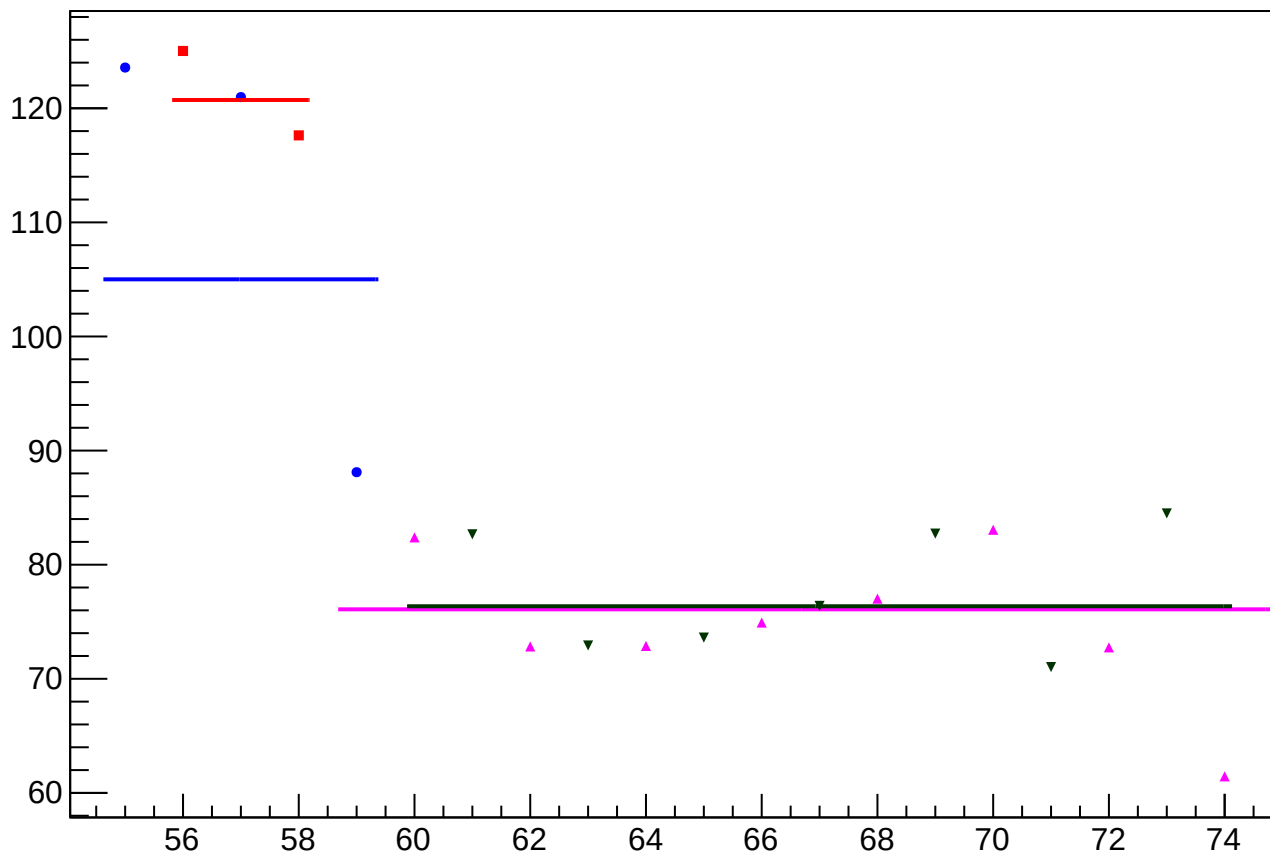
Right Out: 41.529 ± 1.179 $\chi^2/\text{NDF}: 0.3/1$

Left In: -0.197 ± 0.520 $\chi^2/\text{NDF}: 363.7/7$

1.942 ± 0.423 $\chi^2/\text{NDF}: 586.6/9$

6.600 ± 0.476 $\chi^2/\text{NDF}: 1412.7/9$

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: 120.727 $\pm$ 0.187 χ^2 /NDF:3231.2/6

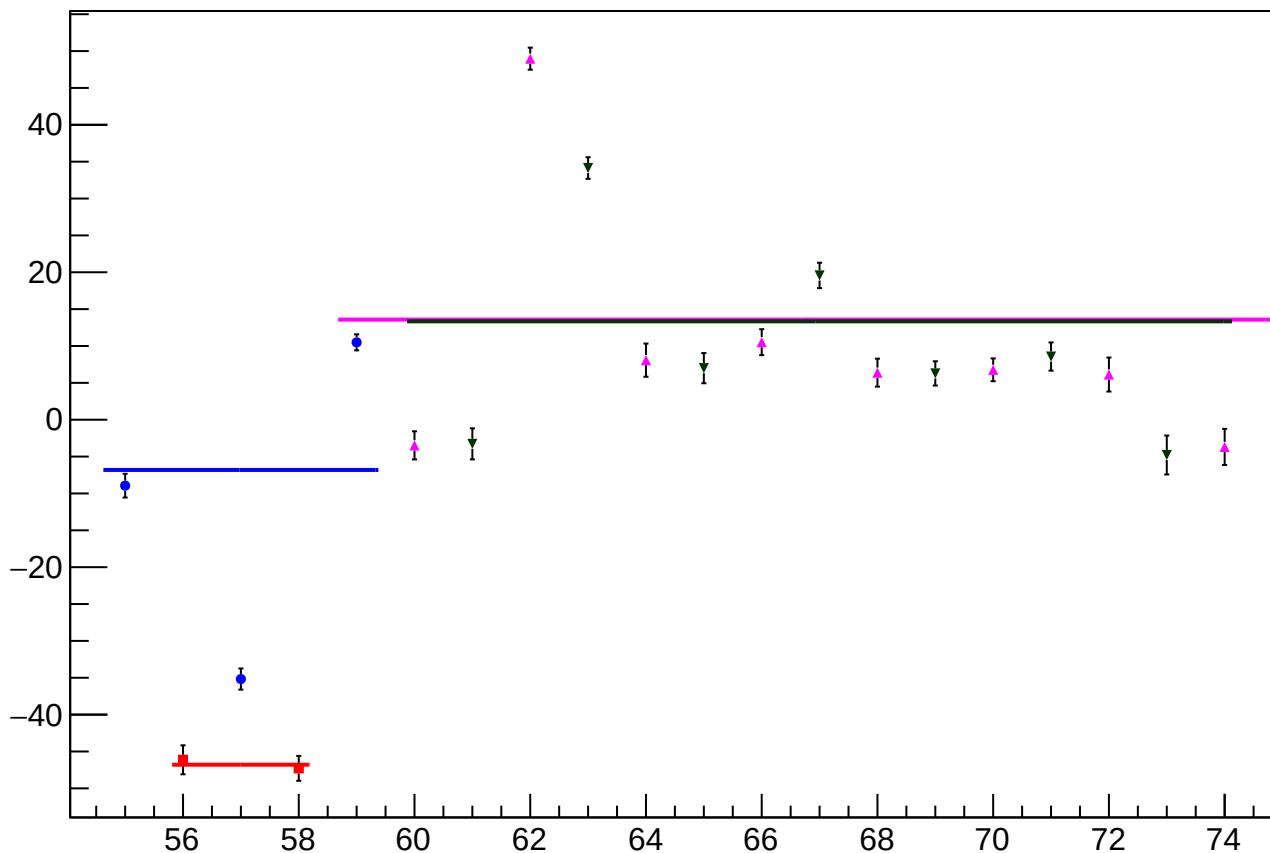
Right Out: 85.002 $\pm$ 0.064 χ^2 /NDF:54234.5/9

Left In: 76.088 $\pm$ 0.073 χ^2 /NDF:4354.4/7

85.002 $\pm$ 0.064 χ^2 /NDF: 66204.3/9

81.922 $\pm$ 0.068 χ^2 /NDF: 54234.5/9

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

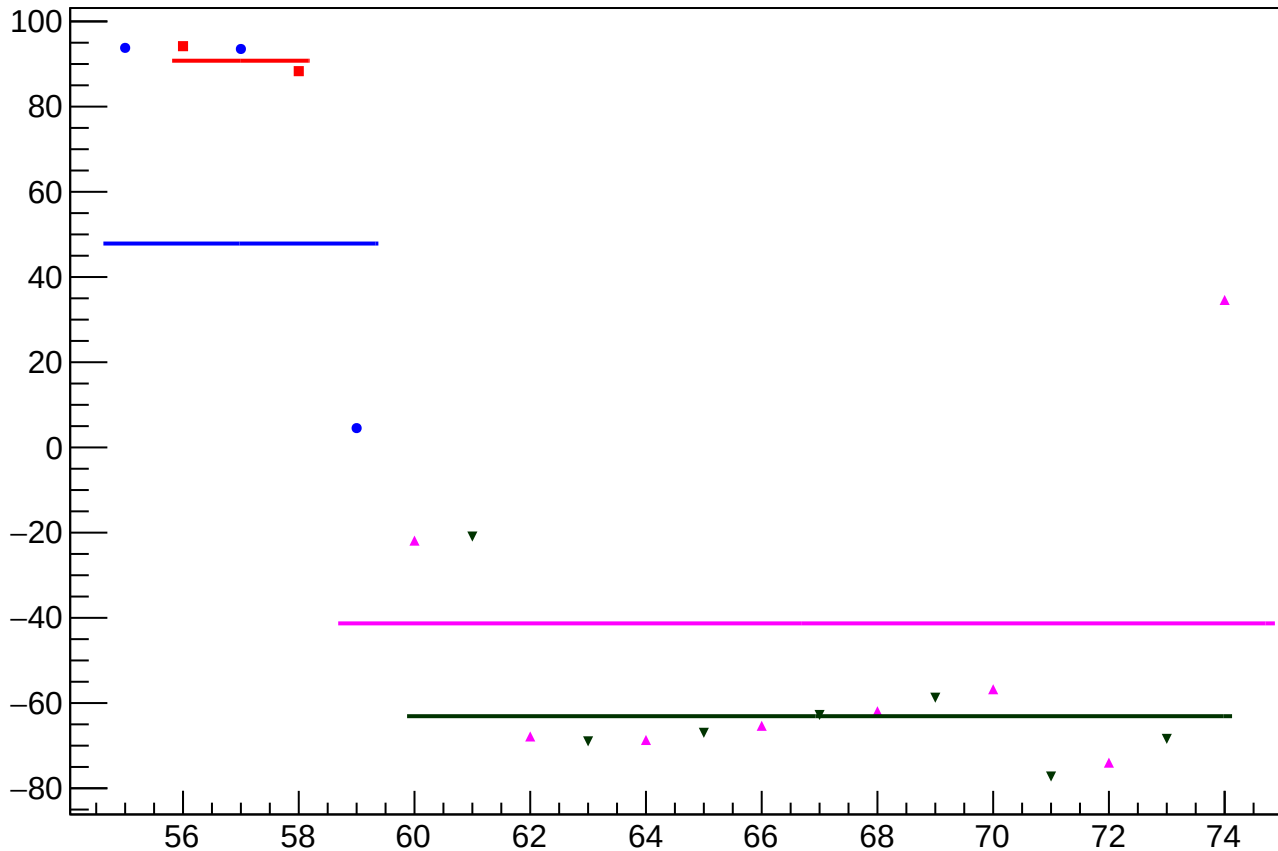
Right Out: -46.793+/-1.280 χ^2/NDF : 0.2/1

Left In: 13.579+/-0.660 χ^2/NDF : 745.4/7

4.169+/-0.515 χ^2/NDF : 1384.5/9

0.904+/-0.587 χ^2/NDF : 2502.2/9

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

-17.596 $\pm$ 0.094 χ^2 /NDF: 445636.2/9

-15.810 $\pm$ 0.100 χ^2 /NDF: 397095.4/9