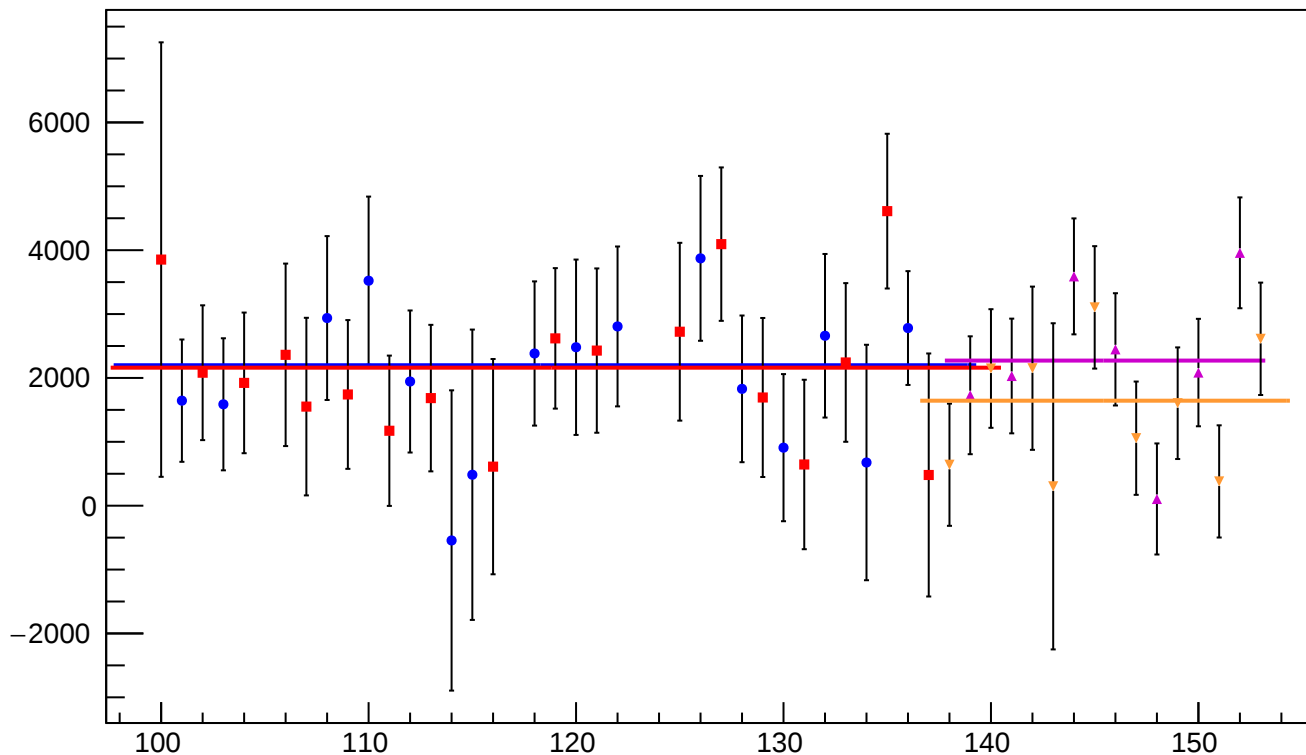


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1643.787+/-328.309

Right Out: 2160.742+/-303.587

Left In: 2271.767+/-333.544

χ^2/NDF : 8.6/15

χ^2/NDF : 7.9/8

χ^2/NDF : 11.7/17

χ^2/NDF : 12.6/6

Left: 1952.810+/-233.978

Right: 2179.612+/-215.784

In: 2232.281+/-225.791

Out: 1922.458+/-222.897

All: 2075.371+/-158.625

χ^2/NDF : 22.3/15

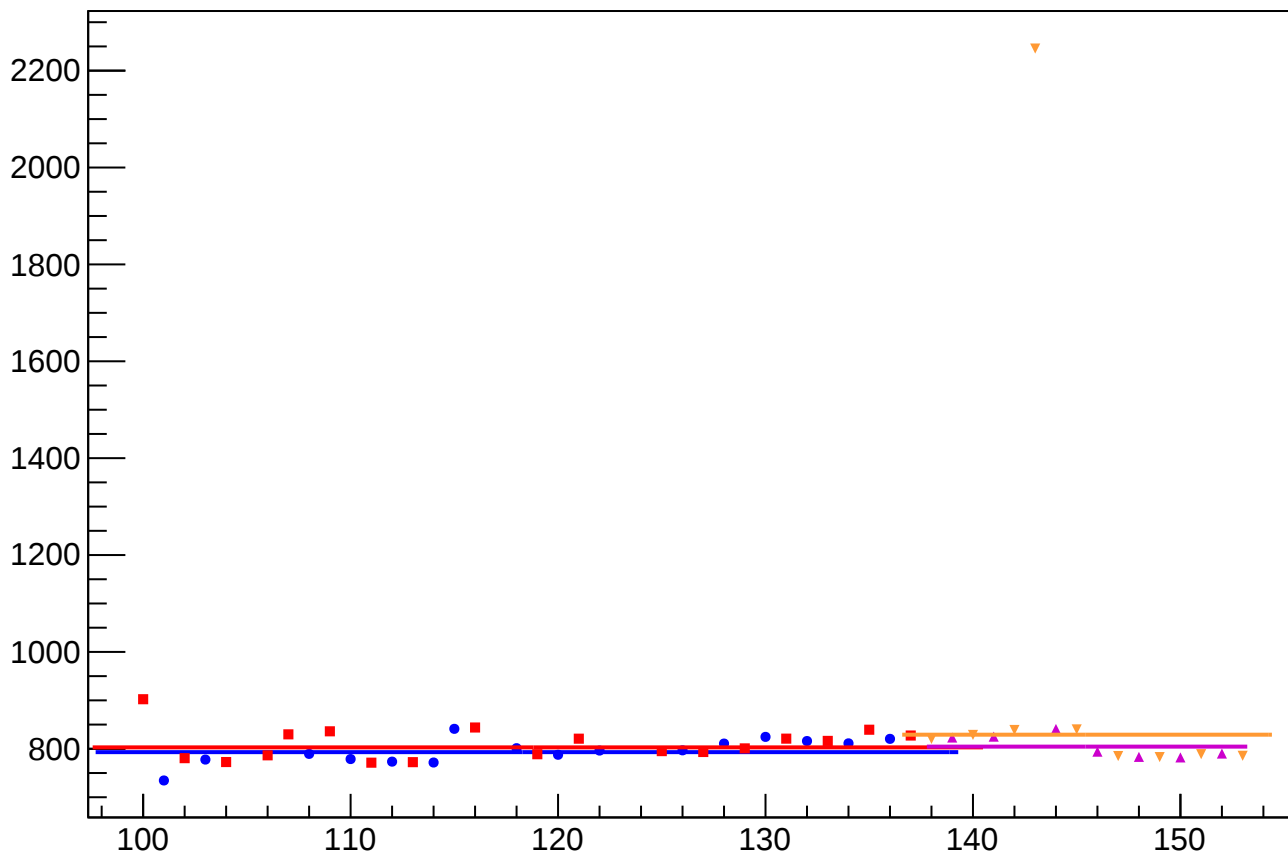
χ^2/NDF : 20.3/33

χ^2/NDF : 21.2/22

χ^2/NDF : 20.9/26

χ^2/NDF : 43.1/49

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091+/-0.217 χ^2/NDF : 14703.0/15

Left Out: 829.131+/-0.232 χ^2/NDF : 635838.0/8

Right Out: 802.946+/-0.215 χ^2/NDF : 14445.6/17

Left In: 804.488+/-0.236 χ^2/NDF : 8520.0/6

Left: 817.005+/-0.165 χ^2/NDF : 649902.9/15

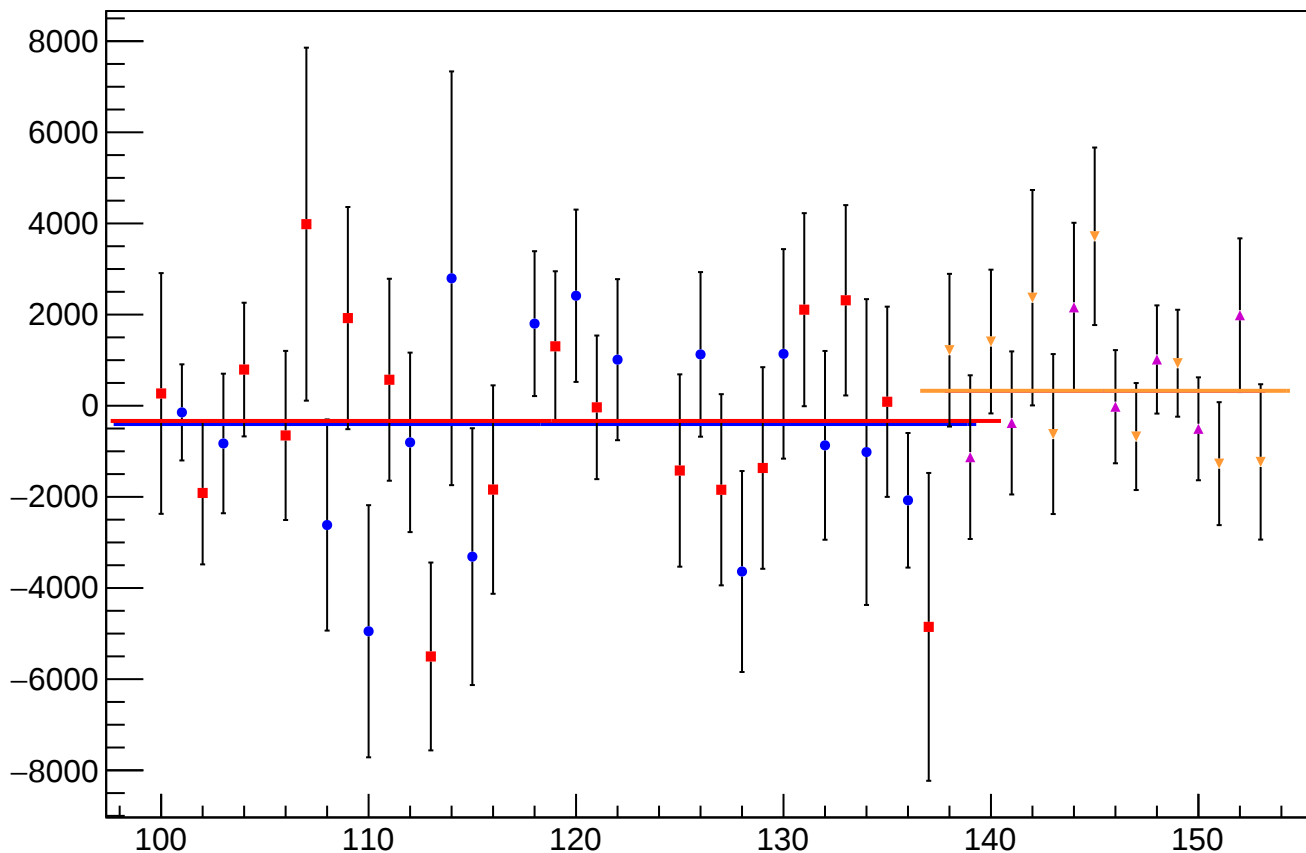
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 798.314+/-0.160 χ^2/NDF : 24488.2/22

Out: 815.016+/-0.158 χ^2/NDF : 657141.7/26

All: 806.773+/-0.112 χ^2/NDF : 687172.2/49

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: 327.440+/-508.257 χ^2/NDF : 8.1/8

Right Out: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: 323.466+/-534.550 χ^2/NDF : 3.8/6

Left: 325.553+/-368.336 χ^2/NDF : 11.8/15

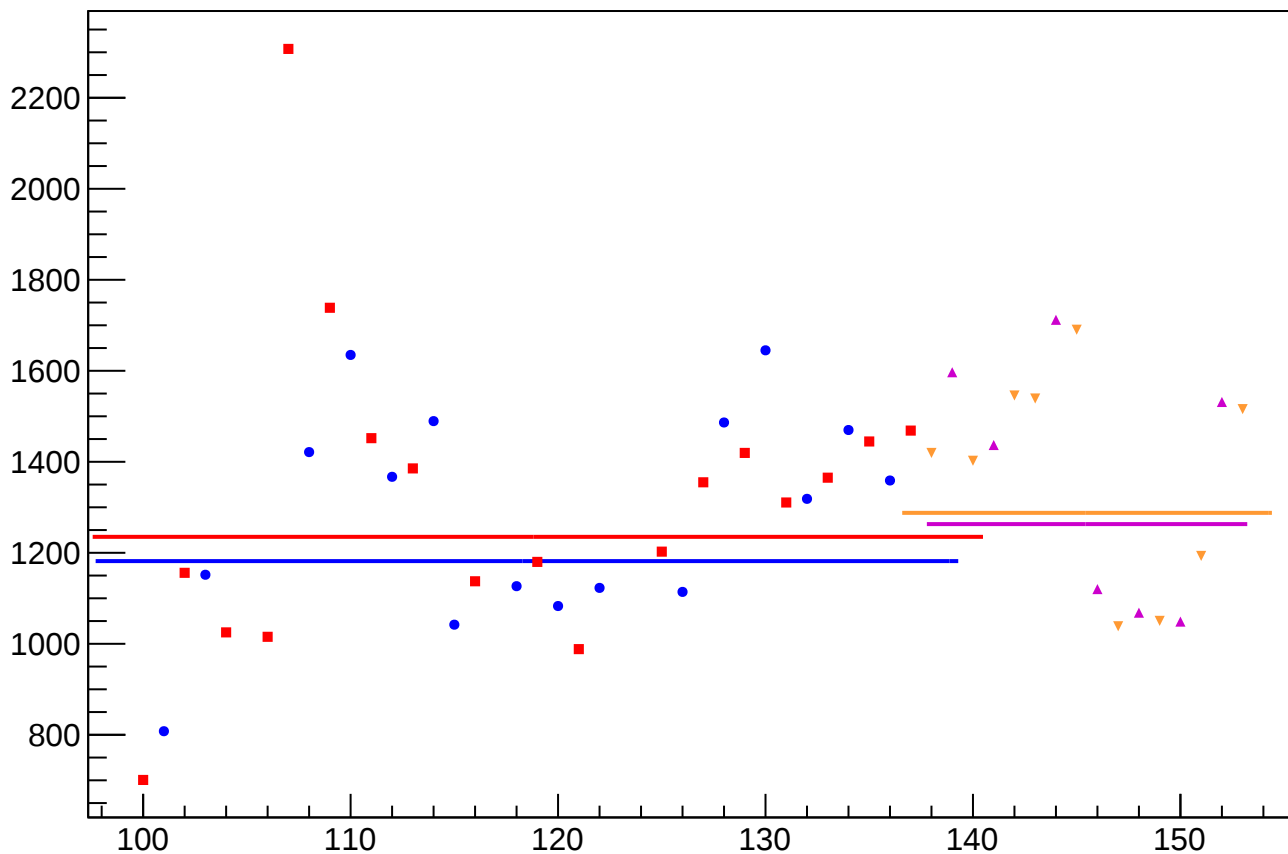
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -86.400+/-352.403 χ^2/NDF : 19.6/22

Out: -23.224+/-348.386 χ^2/NDF : 26.4/26

All: -54.450+/-247.754 χ^2/NDF : 46.1/49

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1287.800 $\pm$ 0.359 χ^2 /NDF: 390731.5/8

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

Left In: 1263.087 $\pm$ 0.378 χ^2 /NDF: 413537.1/6

Left: 1276.066 $\pm$ 0.260 χ^2 /NDF: 806513.7/15

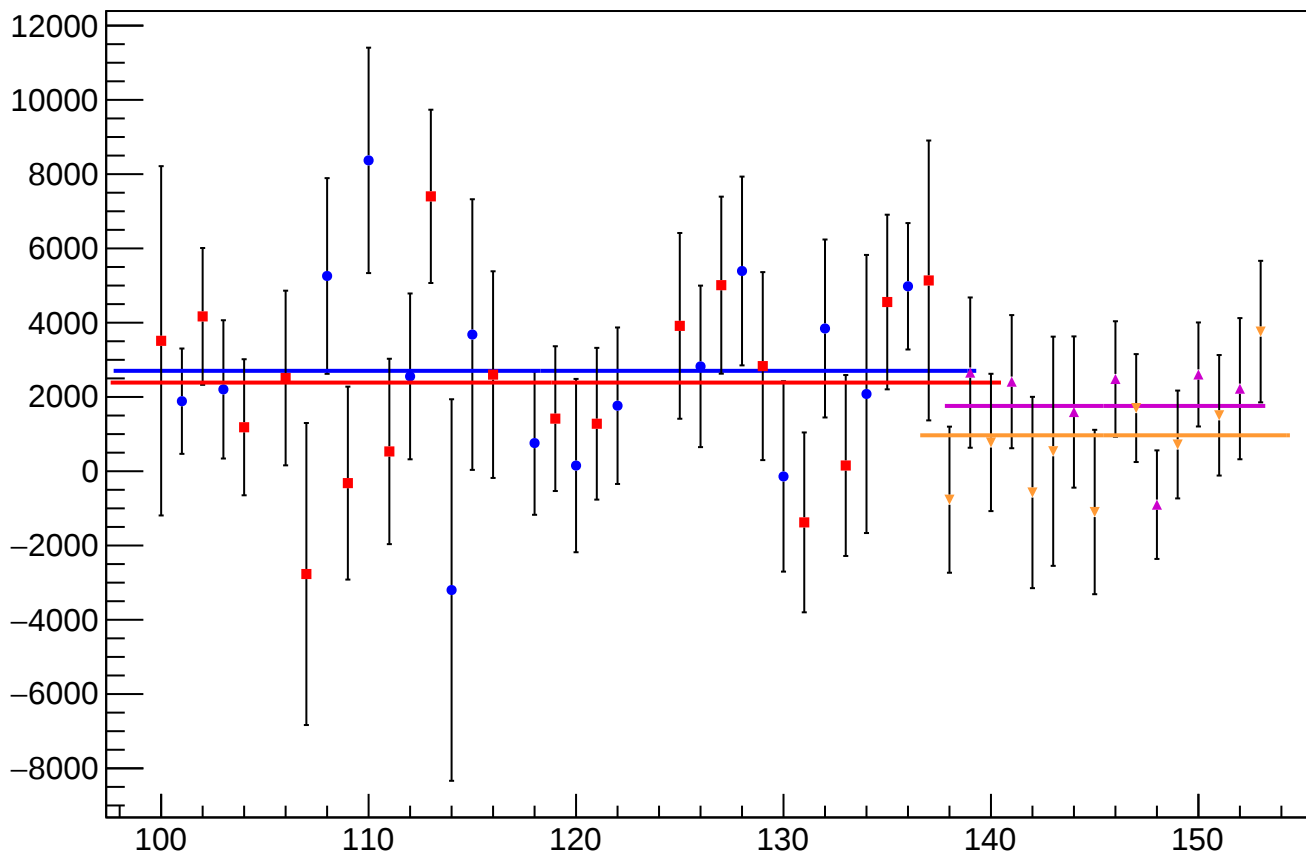
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1217.109 $\pm$ 0.249 χ^2 /NDF: 983199.9/22

Out: 1259.858 $\pm$ 0.246 χ^2 /NDF: 942386.3/26

All: 1238.729 $\pm$ 0.175 χ^2 /NDF: 1940469.7/49

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2/NDF : 13.0/15

Left Out: 967.705 $\pm$ 618.514 χ^2/NDF : 4.6/8

Right Out: 2387.341 $\pm$ 569.264 χ^2/NDF : 16.1/17

Left In: 1758.458 $\pm$ 636.912 χ^2/NDF : 4.3/6

Left: 1351.495 $\pm$ 443.717 χ^2/NDF : 9.7/15

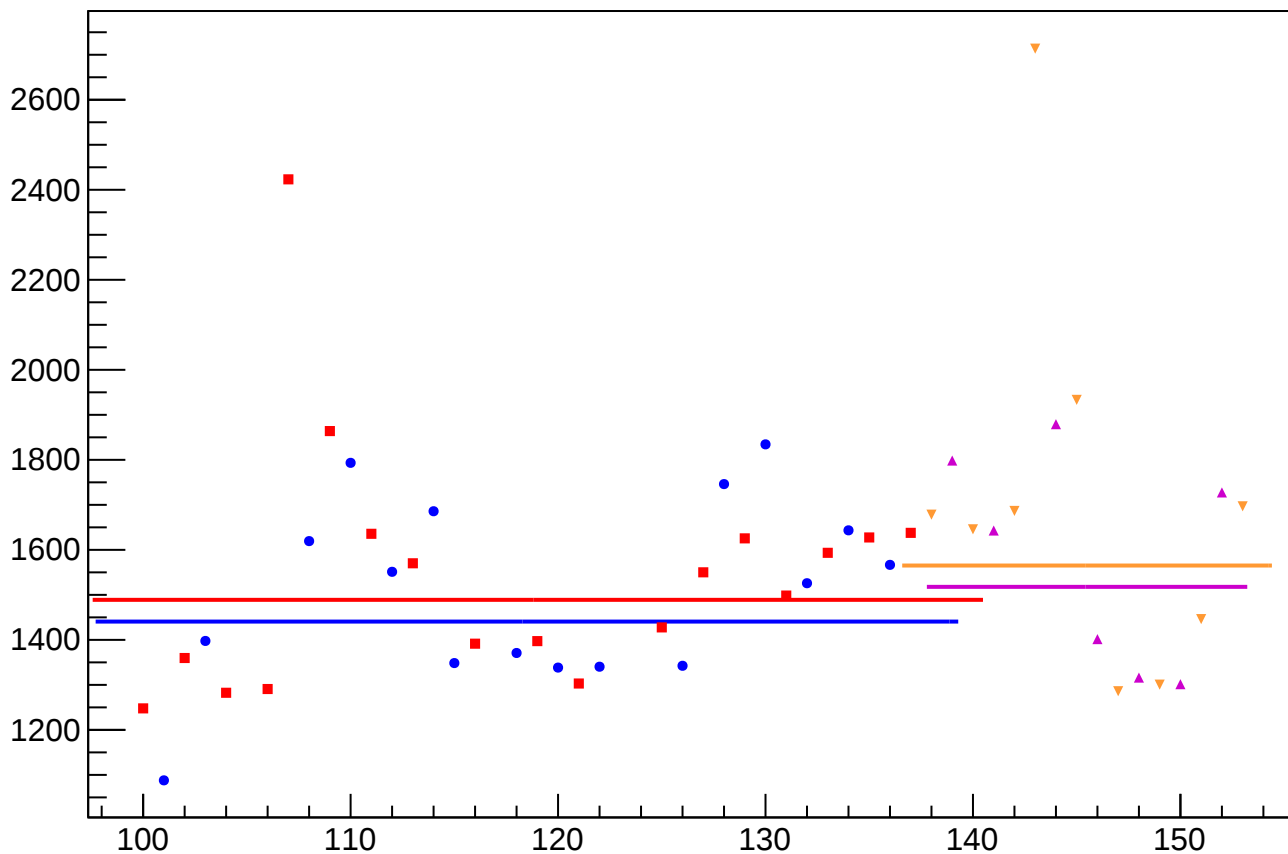
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2287.834 $\pm$ 422.456 χ^2/NDF : 18.6/22

Out: 1736.285 $\pm$ 418.861 χ^2/NDF : 23.5/26

All: 2009.703 $\pm$ 297.442 χ^2/NDF : 42.9/49

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2/NDF : 282262.6/15

Left Out: 1565.176 $\pm$ 0.437 χ^2/NDF : 507689.7/8

Right Out: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

Left In: 1517.803 $\pm$ 0.450 χ^2/NDF : 232455.2/6

Left: 1542.183 $\pm$ 0.314 χ^2/NDF : 745839.2/15

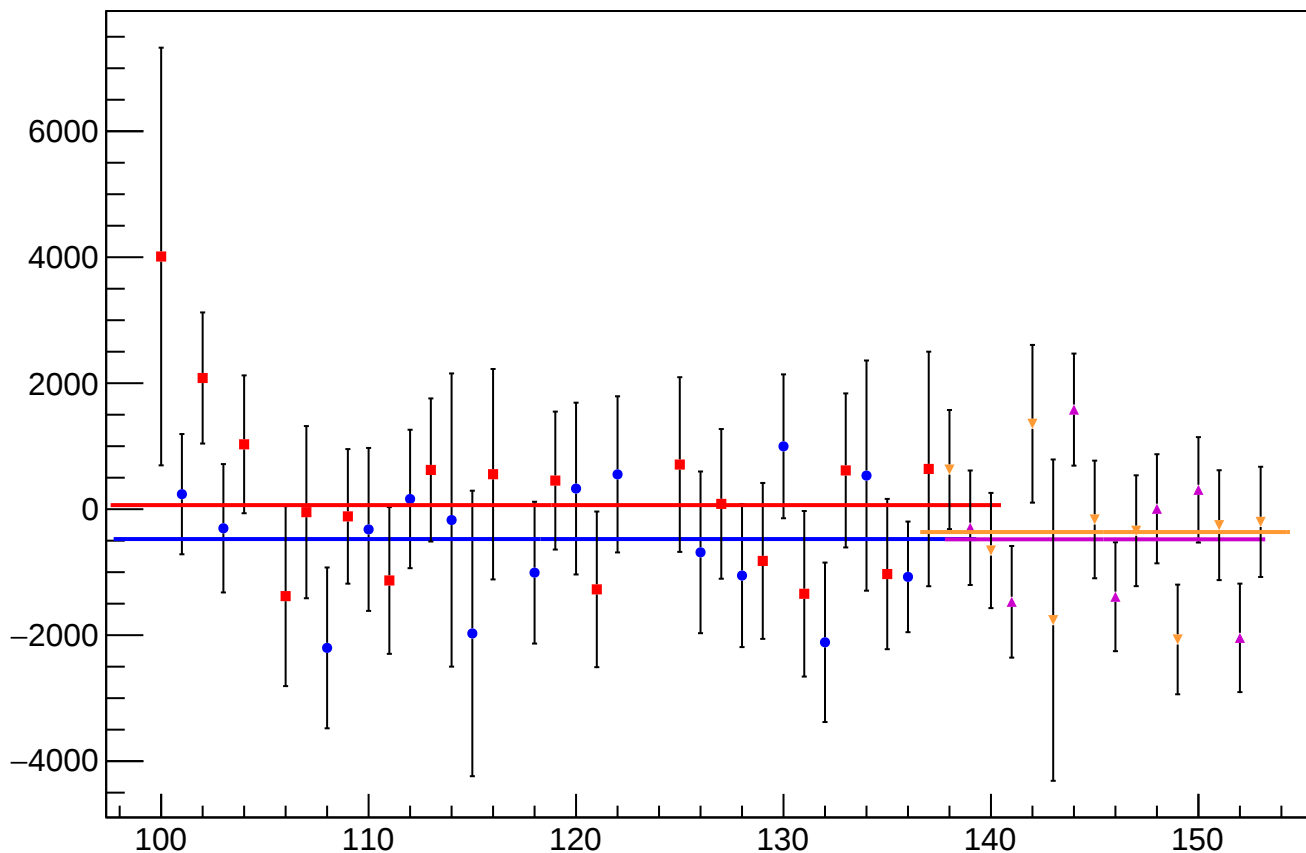
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1474.595 $\pm$ 0.299 χ^2/NDF : 531153.1/22

Out: 1523.904 $\pm$ 0.296 χ^2/NDF : 780980.3/26

All: 1499.460 $\pm$ 0.210 χ^2/NDF : 1325873.5/49

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 ± 303.914 $\chi^2/\text{NDF}: 8.9/15$

Left Out: -362.889 ± 324.676 $\chi^2/\text{NDF}: 7.3/8$

Right Out: 64.684 ± 298.395 $\chi^2/\text{NDF}: 12.7/17$

Left In: -478.279 ± 329.734 $\chi^2/\text{NDF}: 12.3/6$

Left: -419.692 ± 231.348 $\chi^2/\text{NDF}: 19.6/15$

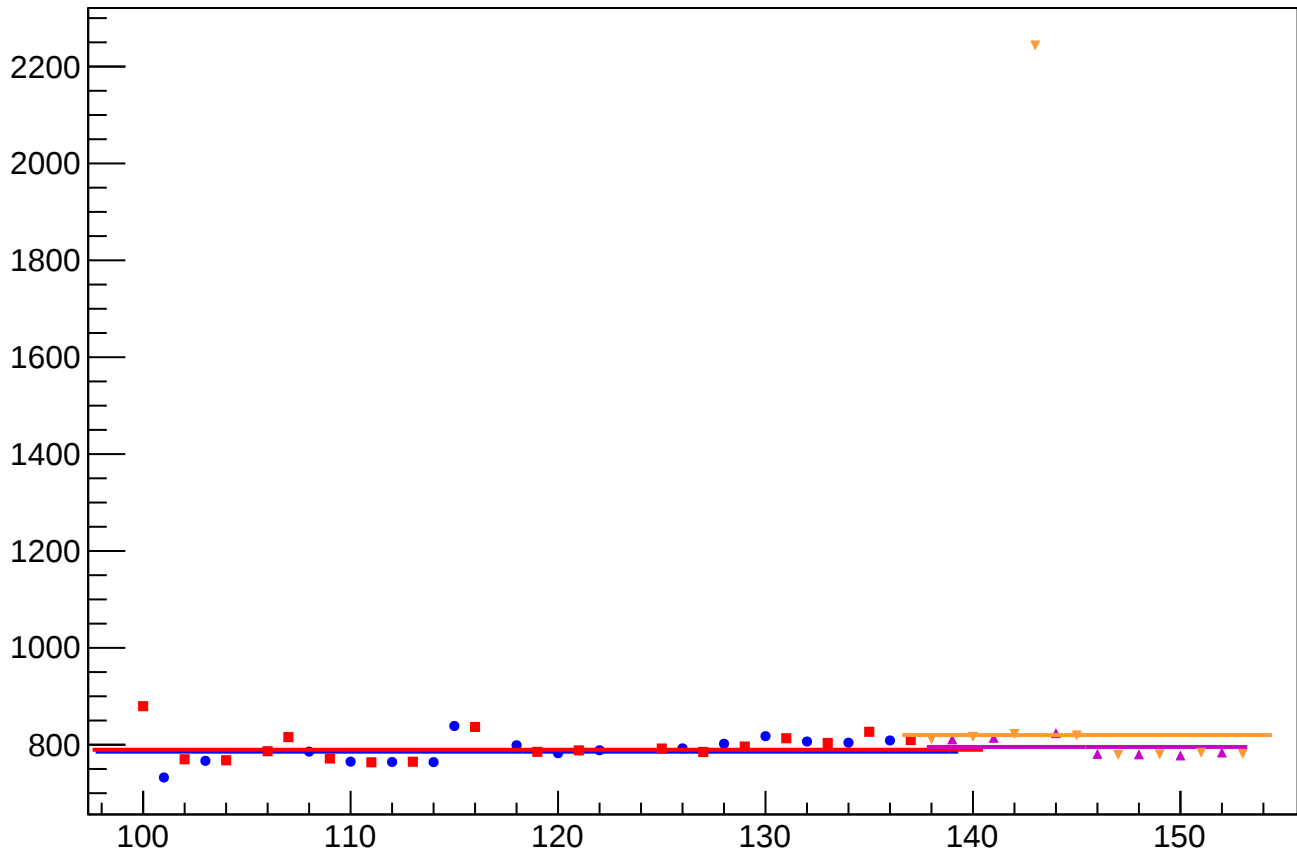
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -476.039 ± 223.471 $\chi^2/\text{NDF}: 21.1/22$

Out: -131.099 ± 219.702 $\chi^2/\text{NDF}: 21.0/26$

All: -300.635 ± 156.668 $\chi^2/\text{NDF}: 43.3/49$

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 819.971+/-0.230 χ^2/NDF : 639203.1/8

Right Out: 789.675+/-0.211 χ^2/NDF : 11010.0/17

Left In: 795.480+/-0.233 χ^2/NDF : 5970.5/6

Left: 807.915+/-0.164 χ^2/NDF : 650775.4/15

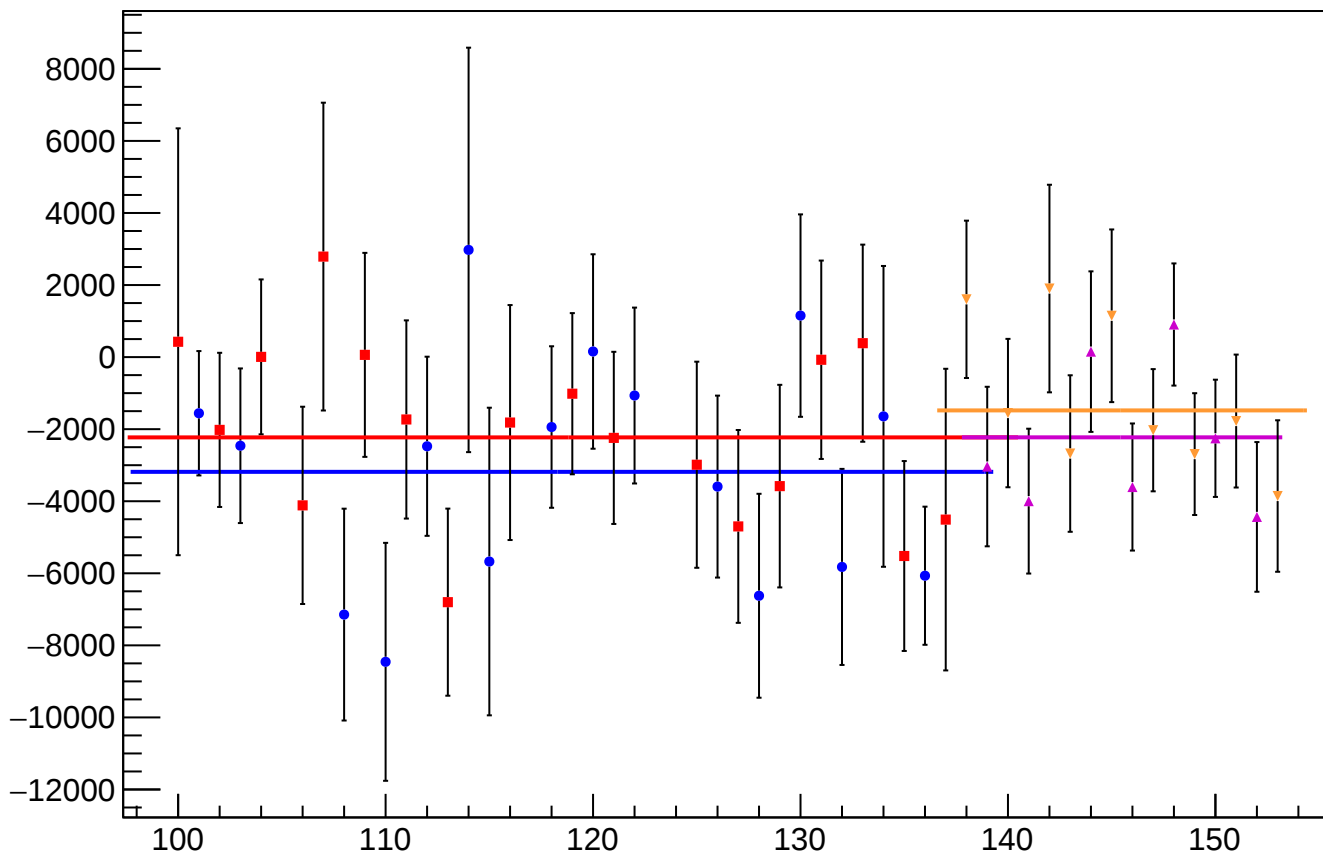
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 790.217+/-0.158 χ^2/NDF : 20834.5/22

Out: 803.547+/-0.155 χ^2/NDF : 659653.2/26

All: 796.996+/-0.111 χ^2/NDF : 684106.5/49

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 χ^2/NDF : 16.8/15

Left Out: -1479.280 ± 678.835 χ^2/NDF : 6.8/8

Right Out: -2228.093 ± 648.044 χ^2/NDF : 11.8/17

Left In: -2226.685 ± 719.432 χ^2/NDF : 7.2/6

Left: -1831.301 ± 493.737 χ^2/NDF : 14.6/15

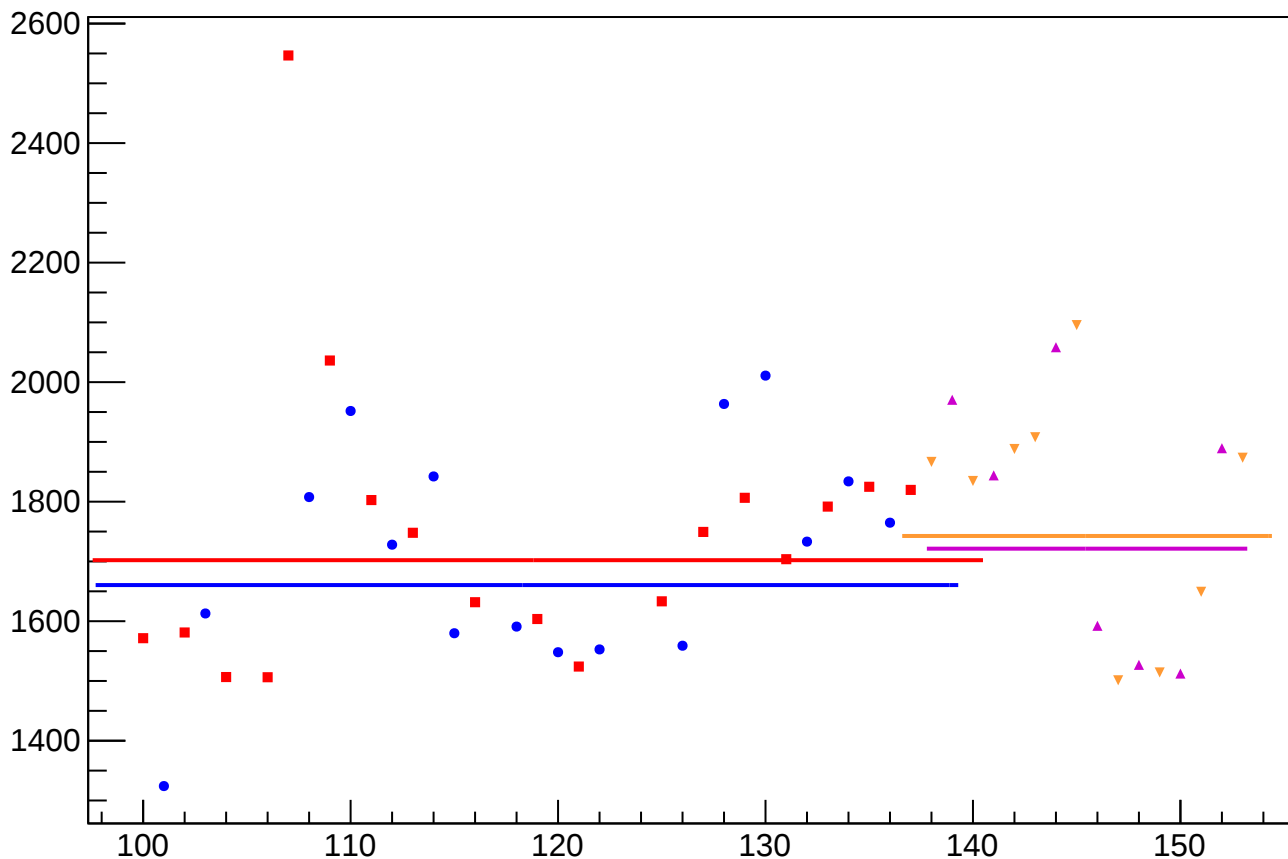
Right: -2706.812 ± 457.995 χ^2/NDF : 29.7/33

In: -2755.970 ± 481.222 χ^2/NDF : 25.0/22

Out: -1871.054 ± 468.744 χ^2/NDF : 19.2/26

All: -2301.890 ± 335.777 χ^2/NDF : 46.0/49

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1742.607+/-0.480 χ^2/NDF : 160420.7/8

Right Out: 1702.098+/-0.458 χ^2/NDF : 172008.4/17

Left In: 1721.367+/-0.509 χ^2/NDF : 161656.3/6

Left: 1732.603+/-0.349 χ^2/NDF : 322999.1/15

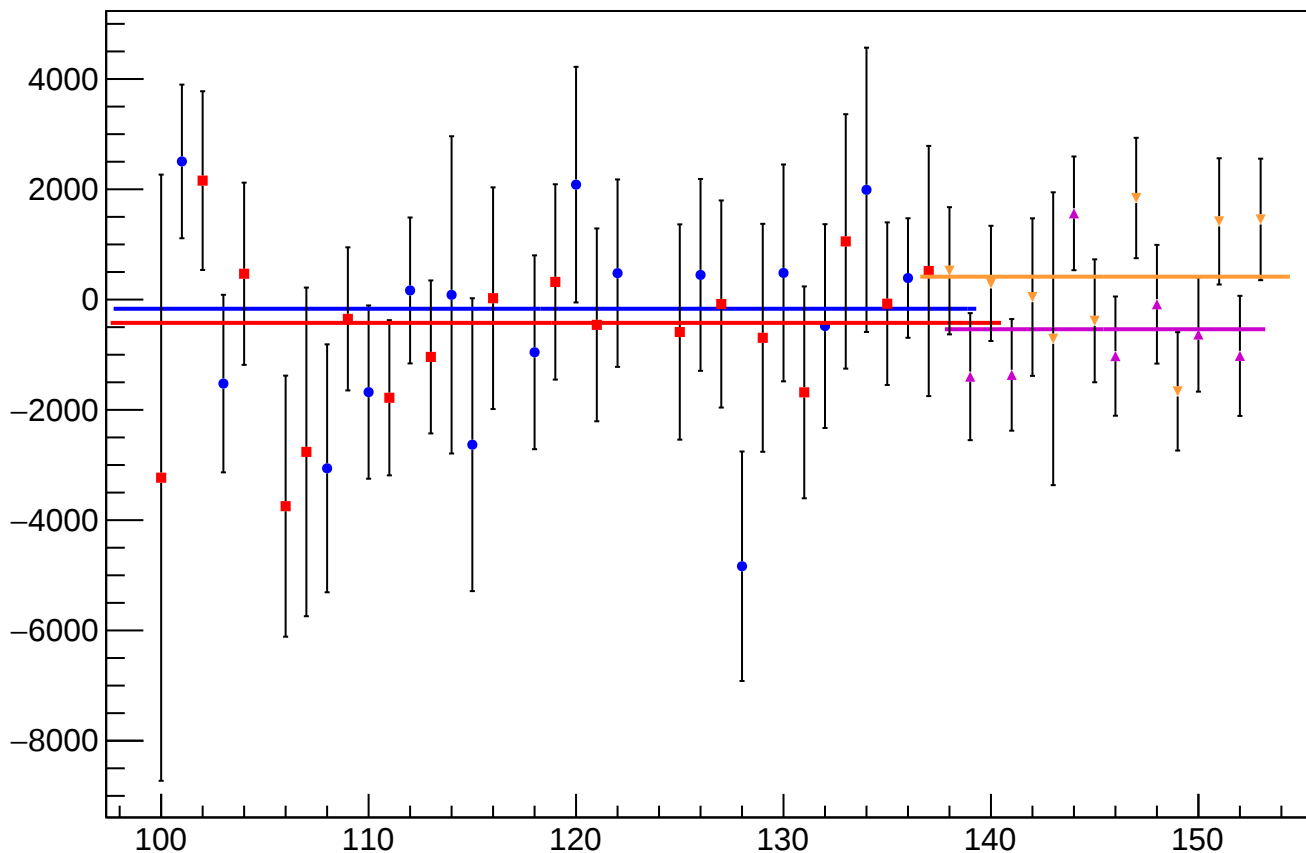
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1687.712+/-0.340 χ^2/NDF : 348783.0/22

Out: 1721.413+/-0.331 χ^2/NDF : 336155.2/26

All: 1705.005+/-0.237 χ^2/NDF : 689971.6/49

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 414.813 ± 395.301 $\chi^2/\text{NDF}: 7.9/8$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

Left In: -537.888 ± 402.799 $\chi^2/\text{NDF}: 6.0/6$

Left: -52.588 ± 282.134 $\chi^2/\text{NDF}: 16.7/15$

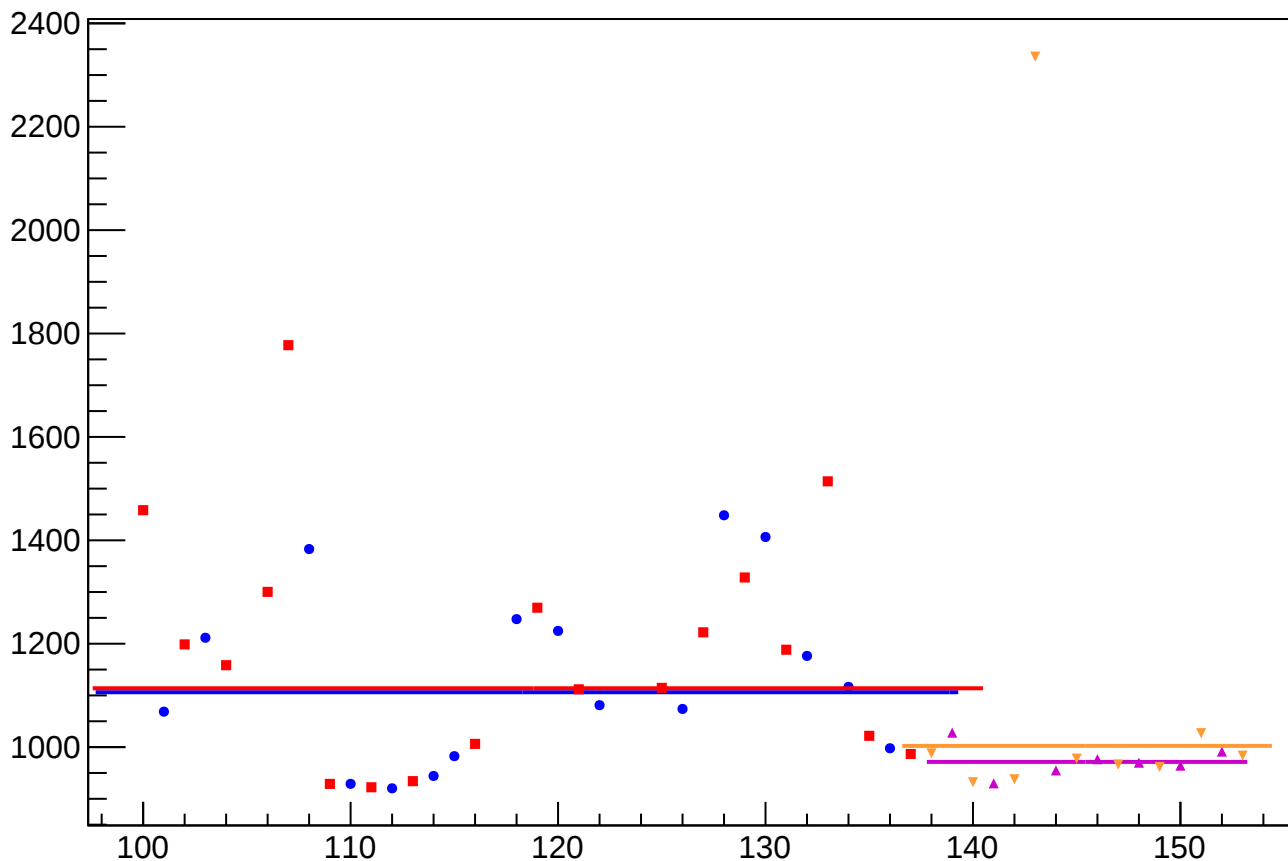
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -365.394 ± 294.820 $\chi^2/\text{NDF}: 22.0/22$

Out: 28.764 ± 290.180 $\chi^2/\text{NDF}: 18.1/26$

All: -165.189 ± 206.809 $\chi^2/\text{NDF}: 41.0/49$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 1002.375+/-0.280 χ^2/NDF : 525177.4/8

Right Out: 1113.821+/-0.302 χ^2/NDF : 364293.1/17

Left In: 971.404+/-0.285 χ^2/NDF : 9514.5/6

Left: 987.180+/-0.199 χ^2/NDF : 540714.8/15

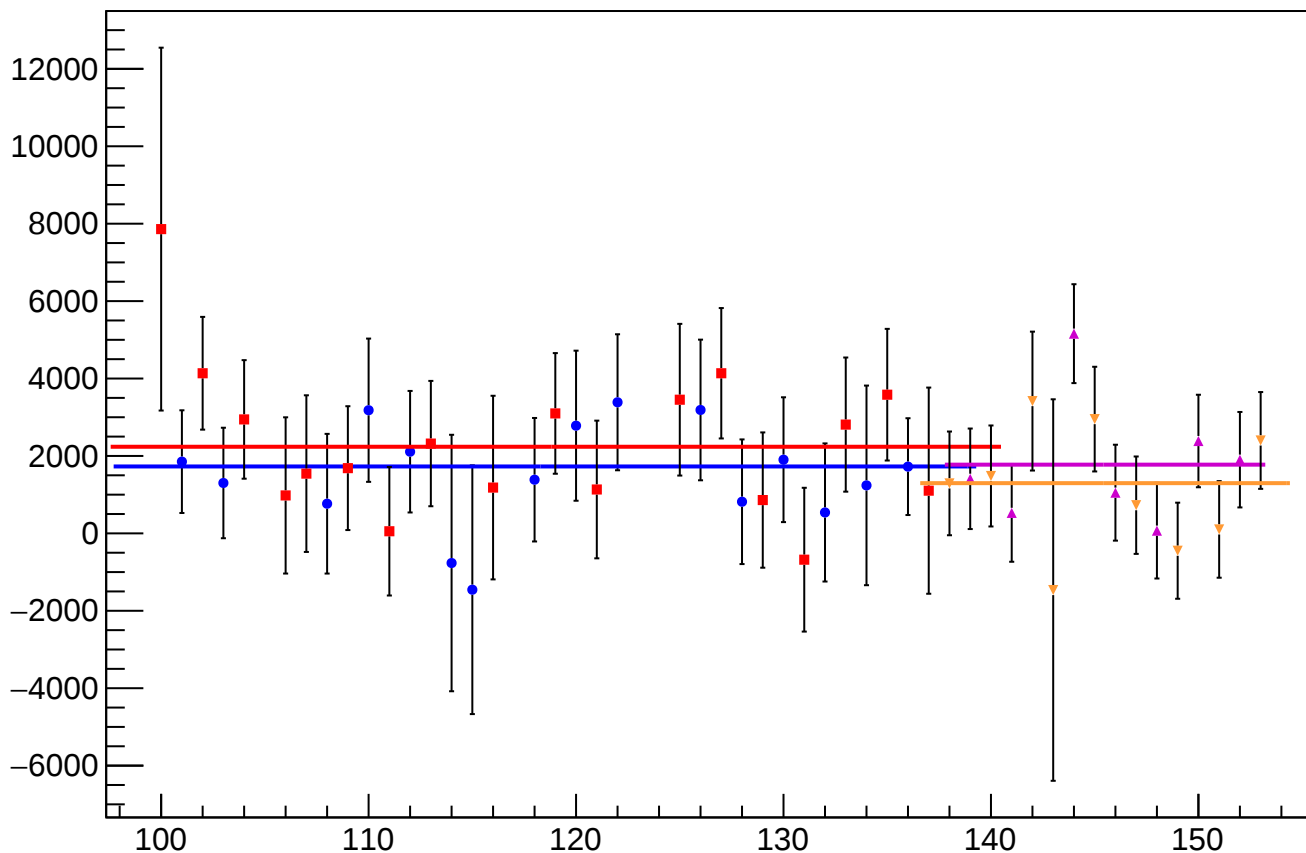
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1033.968+/-0.208 χ^2/NDF : 373357.7/22

Out: 1053.766+/-0.205 χ^2/NDF : 962775.3/26

All: 1044.024+/-0.146 χ^2/NDF : 1340714.0/49

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2 /NDF: 5.3/15

Left Out: 1297.429 $\pm$ 465.919 χ^2 /NDF: 7.1/8

Right Out: 2237.683 $\pm$ 425.458 χ^2 /NDF: 12.3/17

Left In: 1775.070 $\pm$ 471.543 χ^2 /NDF: 10.6/6

Left: 1533.384 $\pm$ 331.425 χ^2 /NDF: 18.2/15

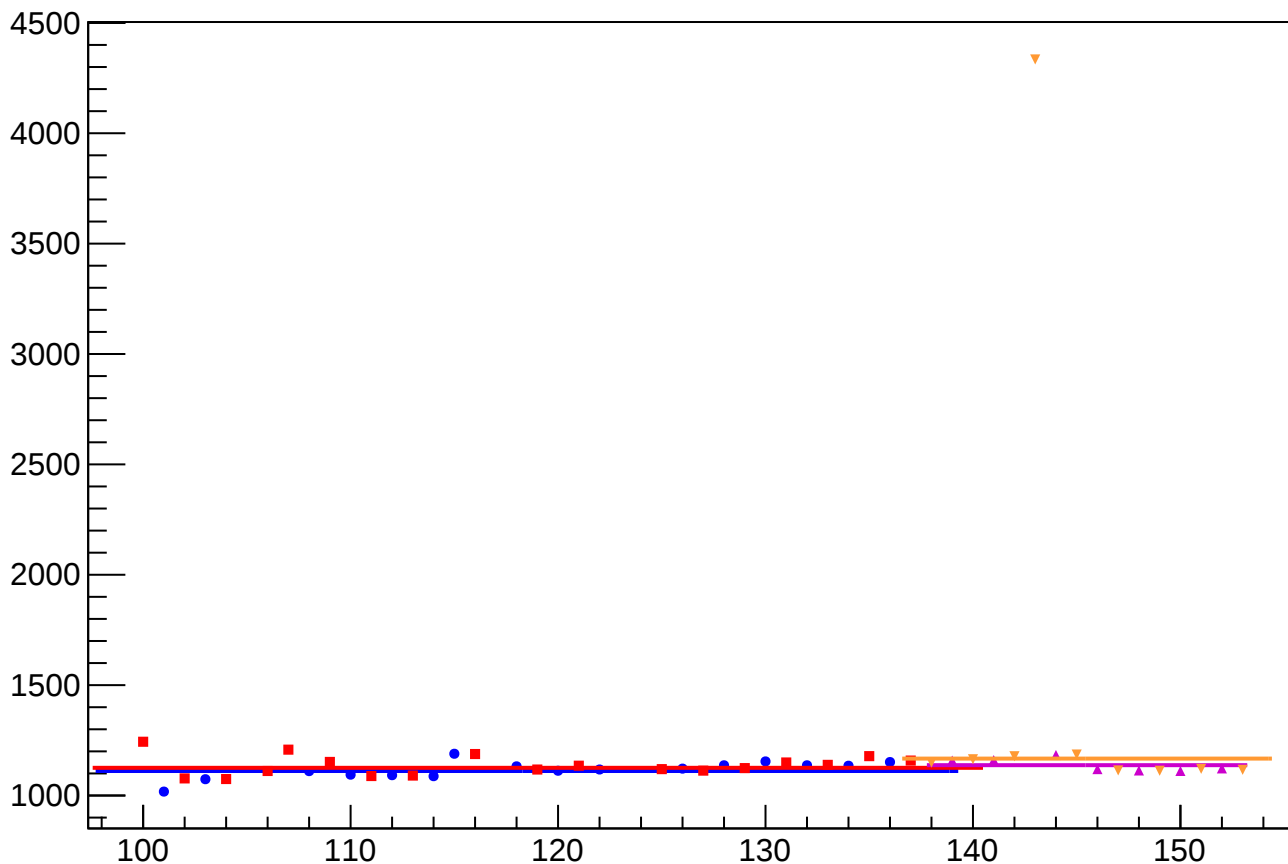
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1749.613 $\pm$ 317.650 χ^2 /NDF: 15.9/22

Out: 1810.148 $\pm$ 314.177 χ^2 /NDF: 21.6/26

All: 1780.213 $\pm$ 223.374 χ^2 /NDF: 37.5/49

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1167.275+/-0.329 χ^2/NDF : 840574.2/8

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1137.465+/-0.333 χ^2/NDF : 6194.4/6

Left: 1152.549+/-0.234 χ^2/NDF : 850813.1/15

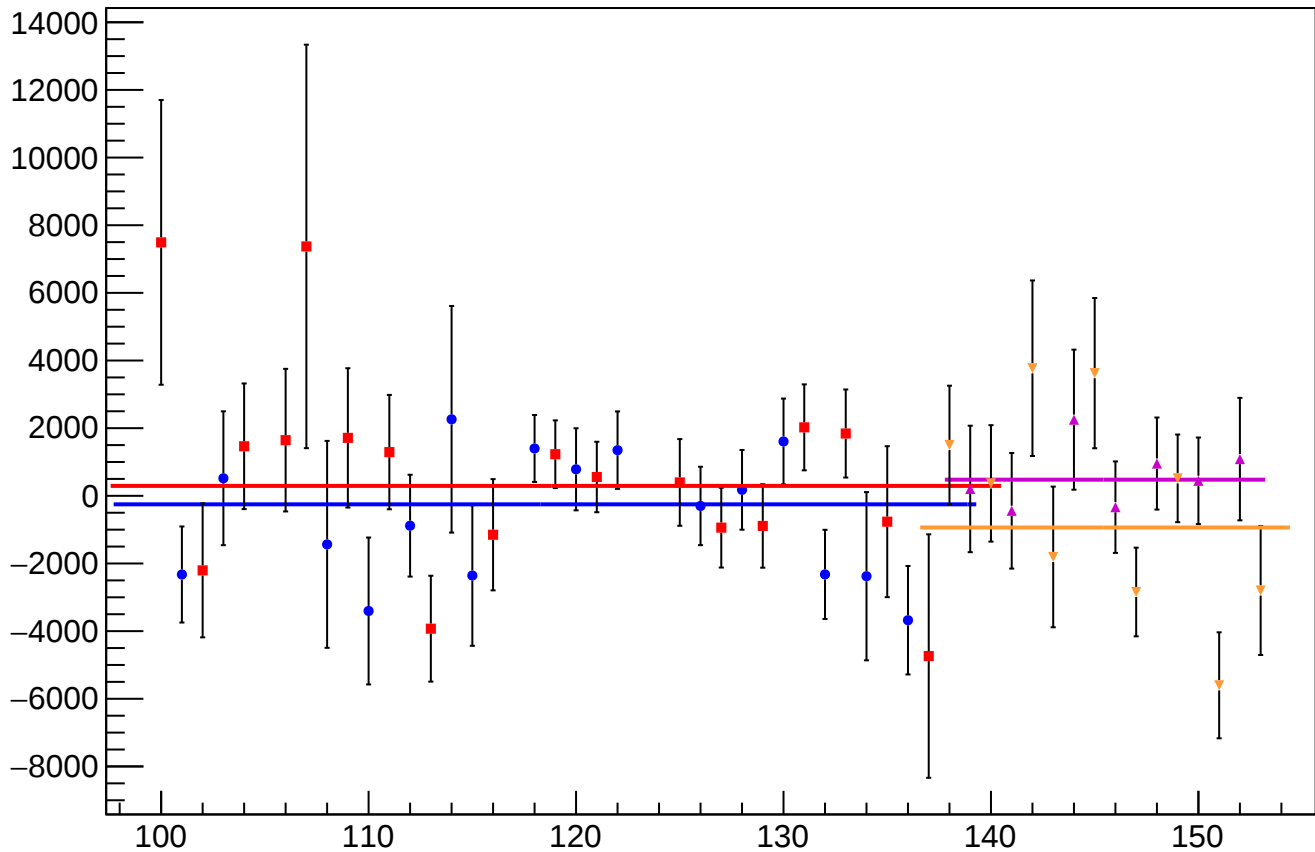
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.033+/-0.225 χ^2/NDF : 27715.5/22

Out: 1144.493+/-0.222 χ^2/NDF : 865224.7/26

All: 1133.881+/-0.158 χ^2/NDF : 897554.6/49

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: -936.428+/-567.379 χ^2/NDF :23.4/8

Right Out: 293.658+/-362.490 χ^2/NDF : 24.0/17

Left In: 477.409+/-590.924 χ^2/NDF :1.6/6

Left: -258.236+/-409.268 χ^2/NDF : 28.0/15

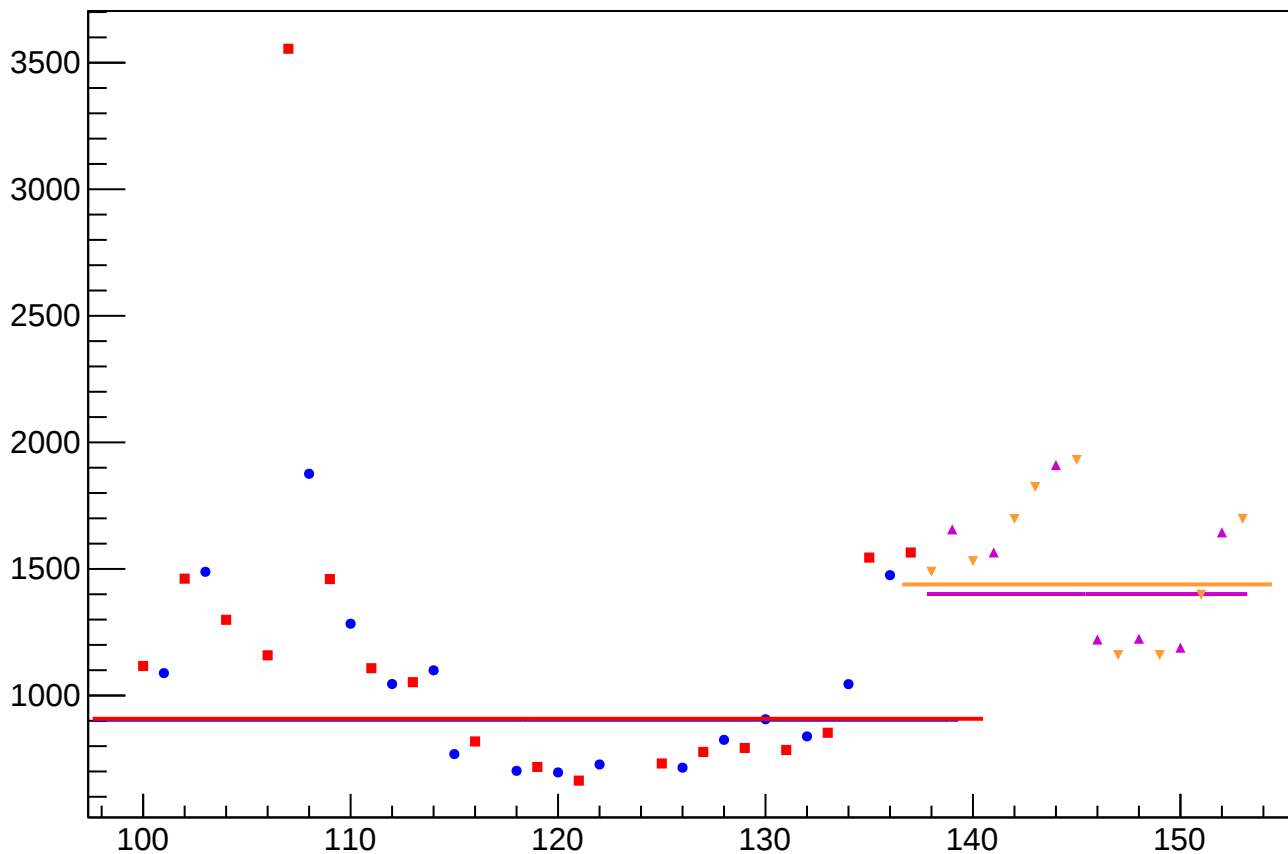
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -50.117+/-310.507 χ^2/NDF :24.6/22

Out: -62.895+/-305.469 χ^2/NDF :50.8/26

All: -56.610+/-217.759 χ^2/NDF : 75.3/49

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2/NDF : 1021094.8/15

Left Out: 1438.883 $\pm$ 0.401 χ^2/NDF : 415318.5/8

Right Out: 908.153 $\pm$ 0.256 χ^2/NDF : 1381025.2/17

Left In: 1400.883 $\pm$ 0.418 χ^2/NDF : 336975.0/6

Left: 1420.655 $\pm$ 0.289 χ^2/NDF : 756596.7/15

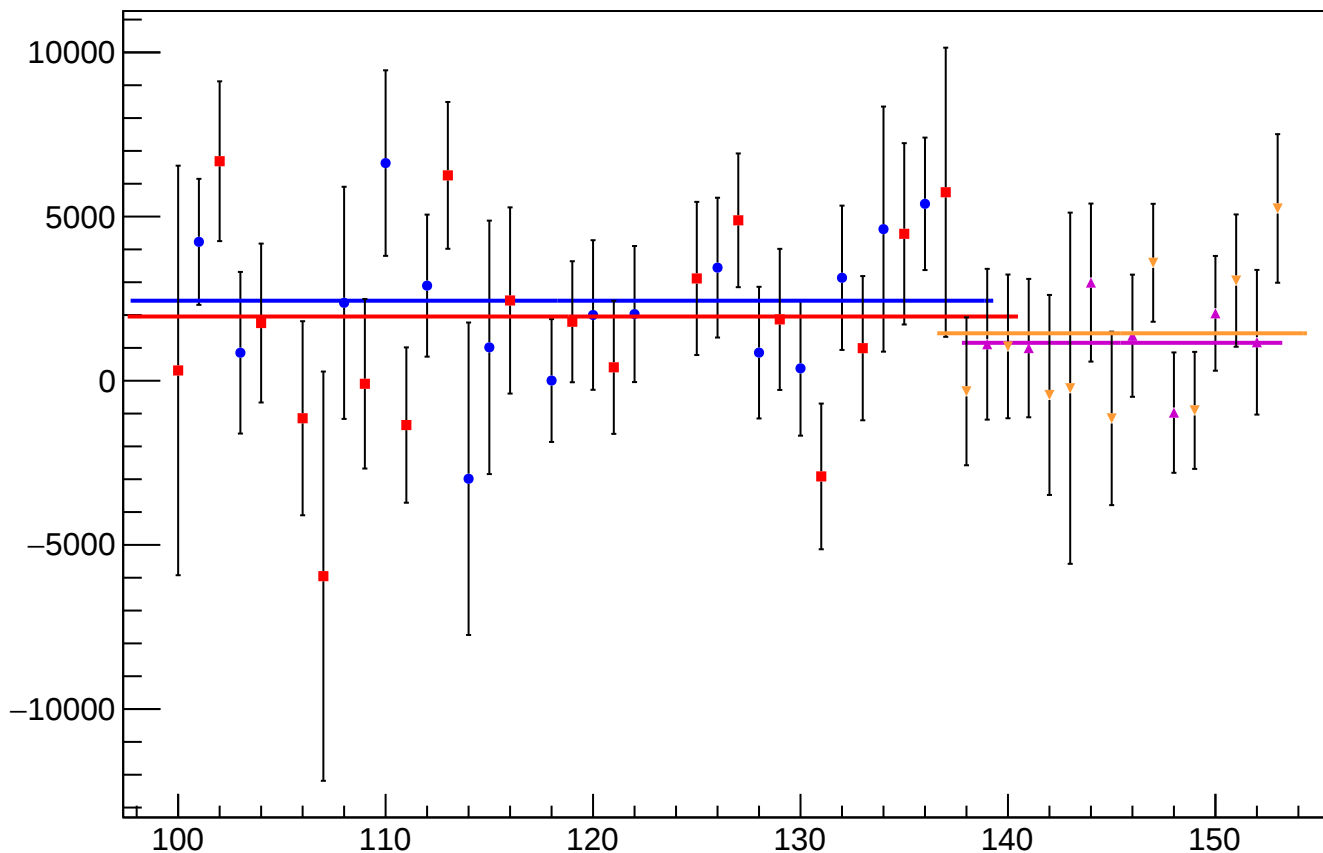
Right: 906.333 $\pm$ 0.182 χ^2/NDF : 2402221.4/33

In: 1041.547 $\pm$ 0.220 χ^2/NDF : 2379702.1/22

Out: 1061.990 $\pm$ 0.216 χ^2/NDF : 3039064.3/26

All: 1051.936 $\pm$ 0.154 χ^2/NDF : 5423172.0/49

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 1445.002+/-754.164 χ^2/NDF : 8.7/8

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1154.799+/-765.293 χ^2/NDF : 2.2/6

Left: 1302.025+/-537.166 χ^2/NDF : 11.0/15

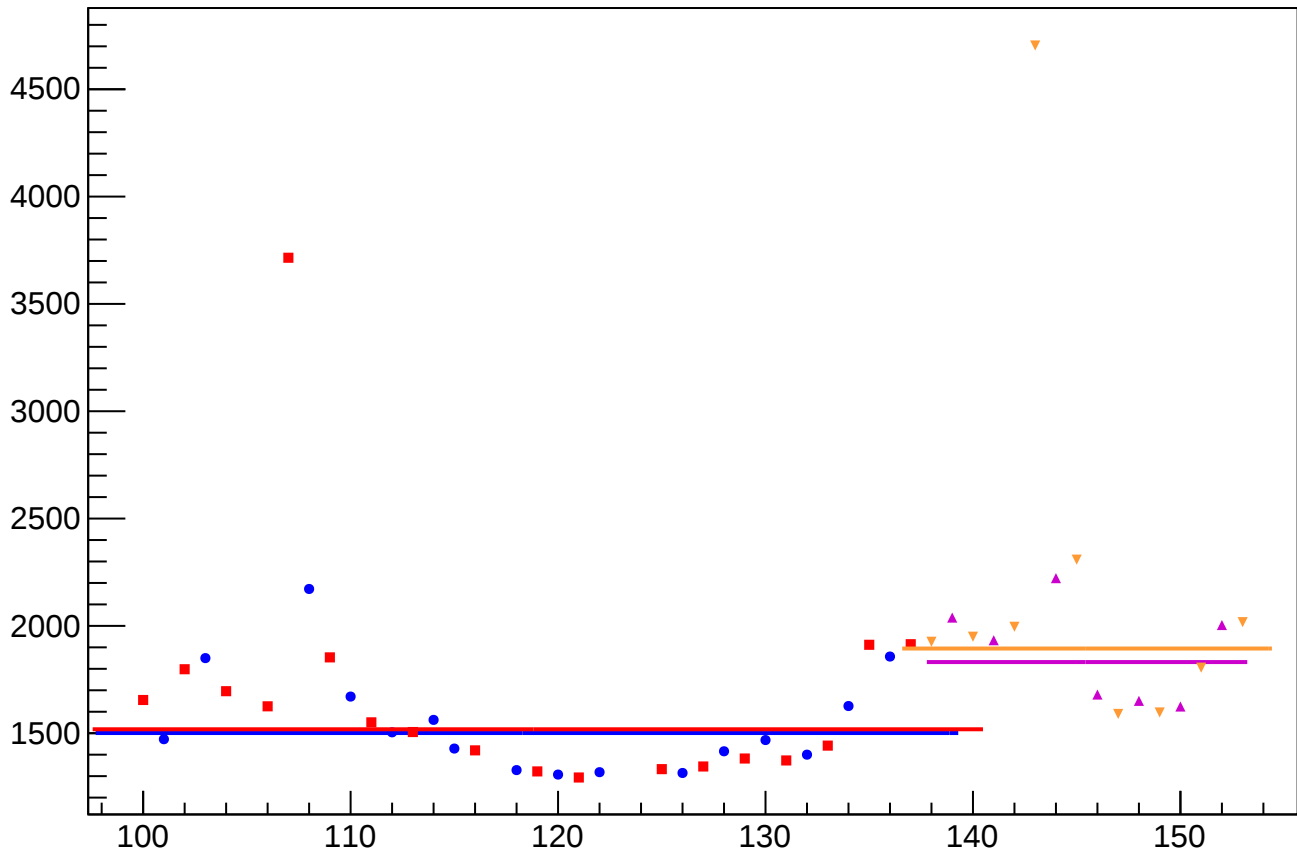
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1963.168+/-465.382 χ^2/NDF : 15.1/22

Out: 1764.356+/-461.786 χ^2/NDF : 31.4/26

All: 1862.991+/-327.796 χ^2/NDF : 46.6/49

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1894.517 ± 0.533 $\chi^2/\text{NDF}: 728115.0/8$

Right Out: 1518.327 ± 0.413 $\chi^2/\text{NDF}: 476011.7/17$

Left In: 1831.428 ± 0.541 $\chi^2/\text{NDF}: 146732.7/6$

Left: 1863.434 ± 0.380 $\chi^2/\text{NDF}: 881743.1/15$

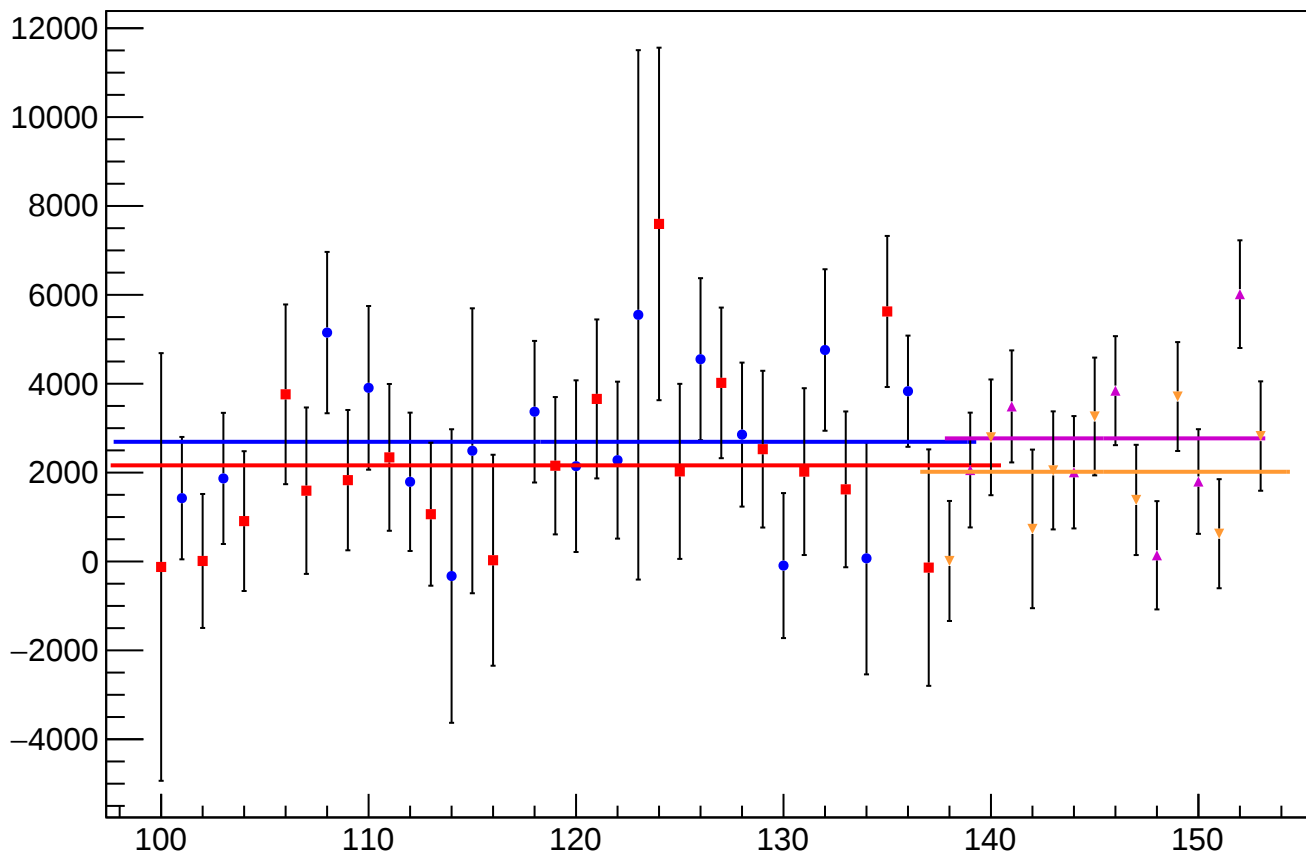
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1623.084 ± 0.329 $\chi^2/\text{NDF}: 638170.9/22$

Out: 1659.371 ± 0.327 $\chi^2/\text{NDF}: 1515184.3/26$

All: 1641.368 ± 0.232 $\chi^2/\text{NDF}: 2159482.4/49$

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2 /NDF: 12.2/16

Left Out: 2018.746 $\pm$ 437.343 χ^2 /NDF: 7.8/8

Right Out: 2163.105 $\pm$ 423.797 χ^2 /NDF: 13.8/18

Left In: 2770.403 $\pm$ 466.484 χ^2 /NDF: 14.3/6

Left: 2370.365 $\pm$ 319.053 χ^2 /NDF: 23.5/15

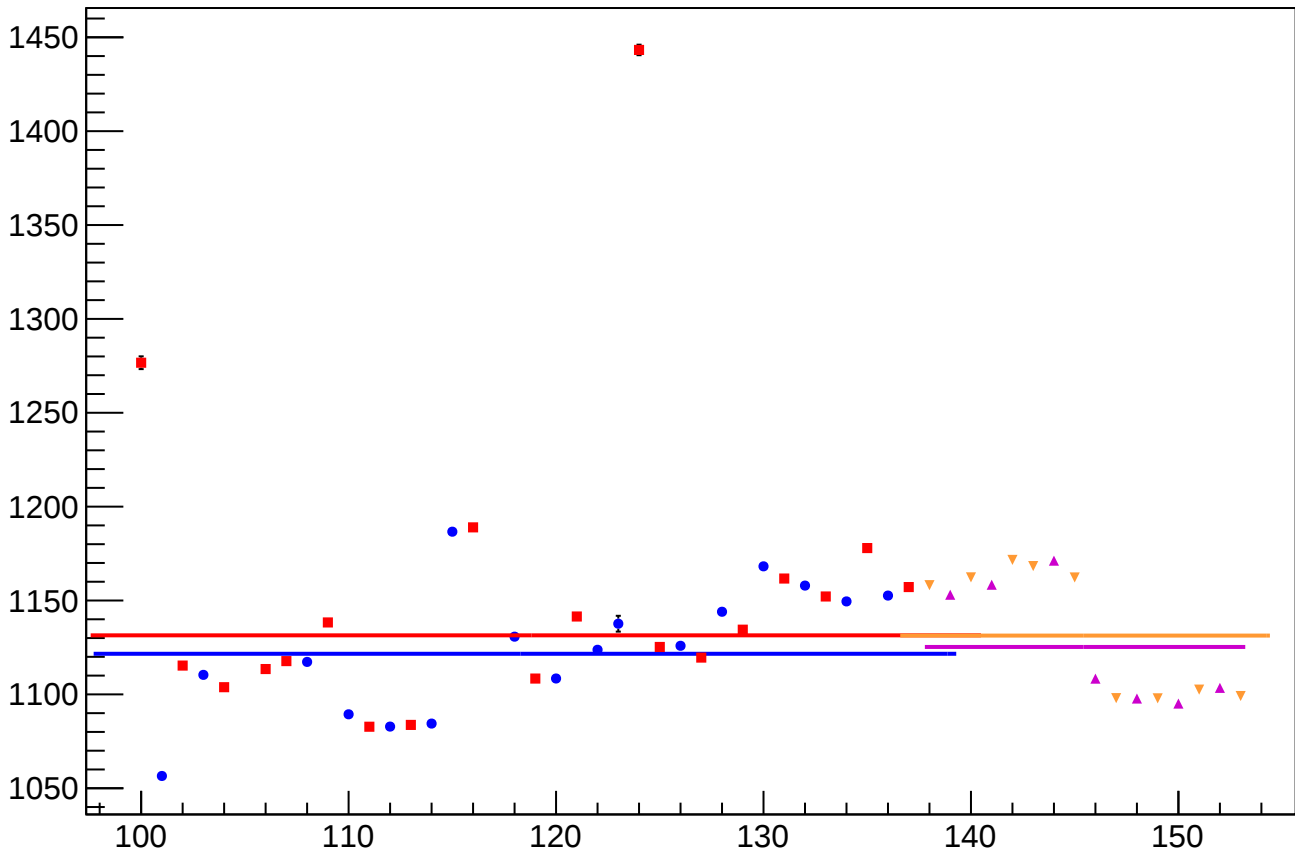
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2728.789 $\pm$ 317.204 χ^2 /NDF: 26.5/23

Out: 2093.196 $\pm$ 304.346 χ^2 /NDF: 21.7/27

All: 2397.850 $\pm$ 219.610 χ^2 /NDF: 50.3/51

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1131.319 $\pm$ 0.309 χ^2 /NDF:10989.7/8

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

Left In: 1125.262 $\pm$ 0.330 χ^2 /NDF:8308.8/6

Left: 1128.486 $\pm$ 0.226 χ^2 /NDF: 19478.0/15

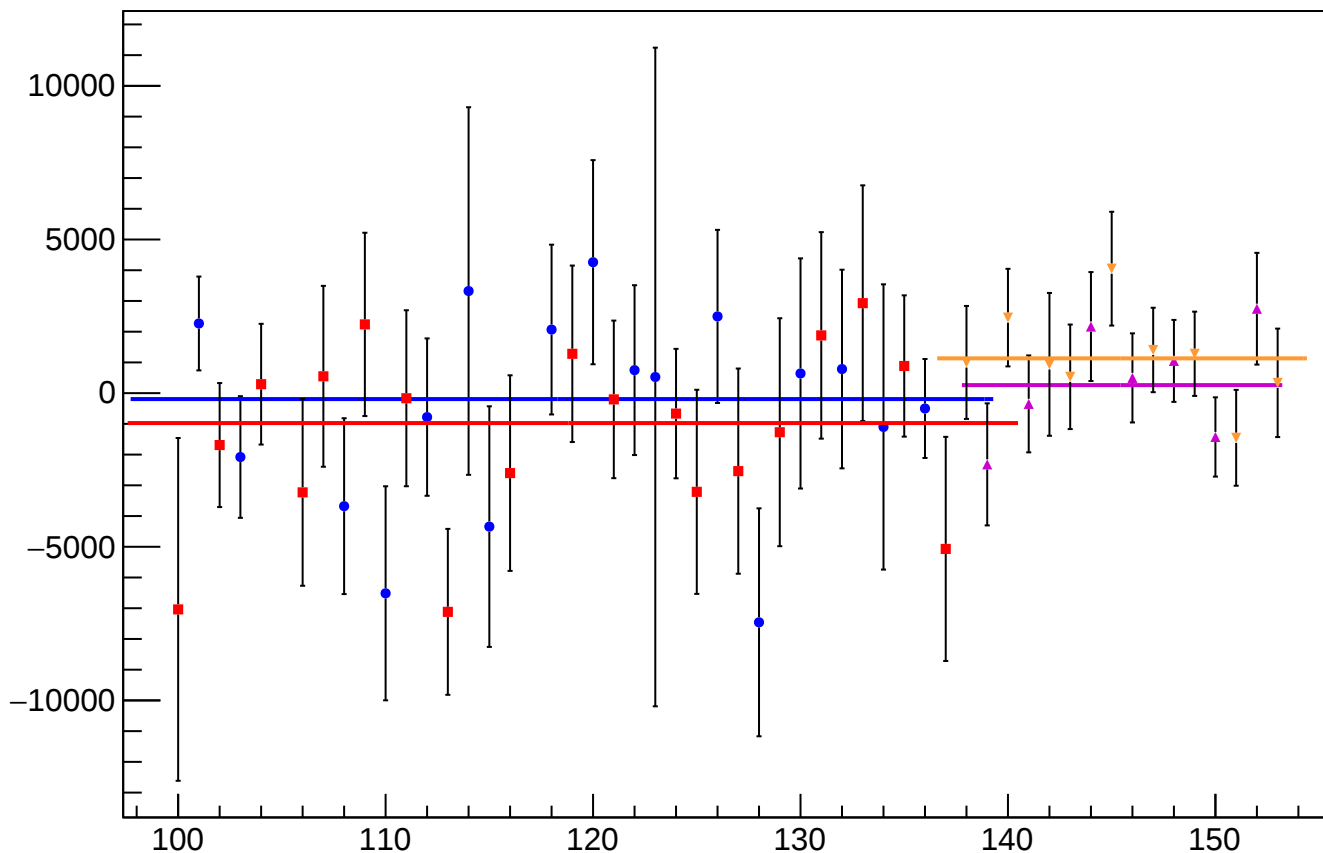
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1123.308 $\pm$ 0.224 χ^2 /NDF:20354.4/23

Out: 1131.387 $\pm$ 0.215 χ^2 /NDF:34101.5/27

All: 1127.514 $\pm$ 0.155 χ^2 /NDF: 55131.6/51

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 1132.095+/-549.786 χ^2/NDF : 6.3/8

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

Left In: 261.565+/-585.719 χ^2/NDF : 6.9/6

Left: 724.350+/-400.859 χ^2/NDF : 14.4/15

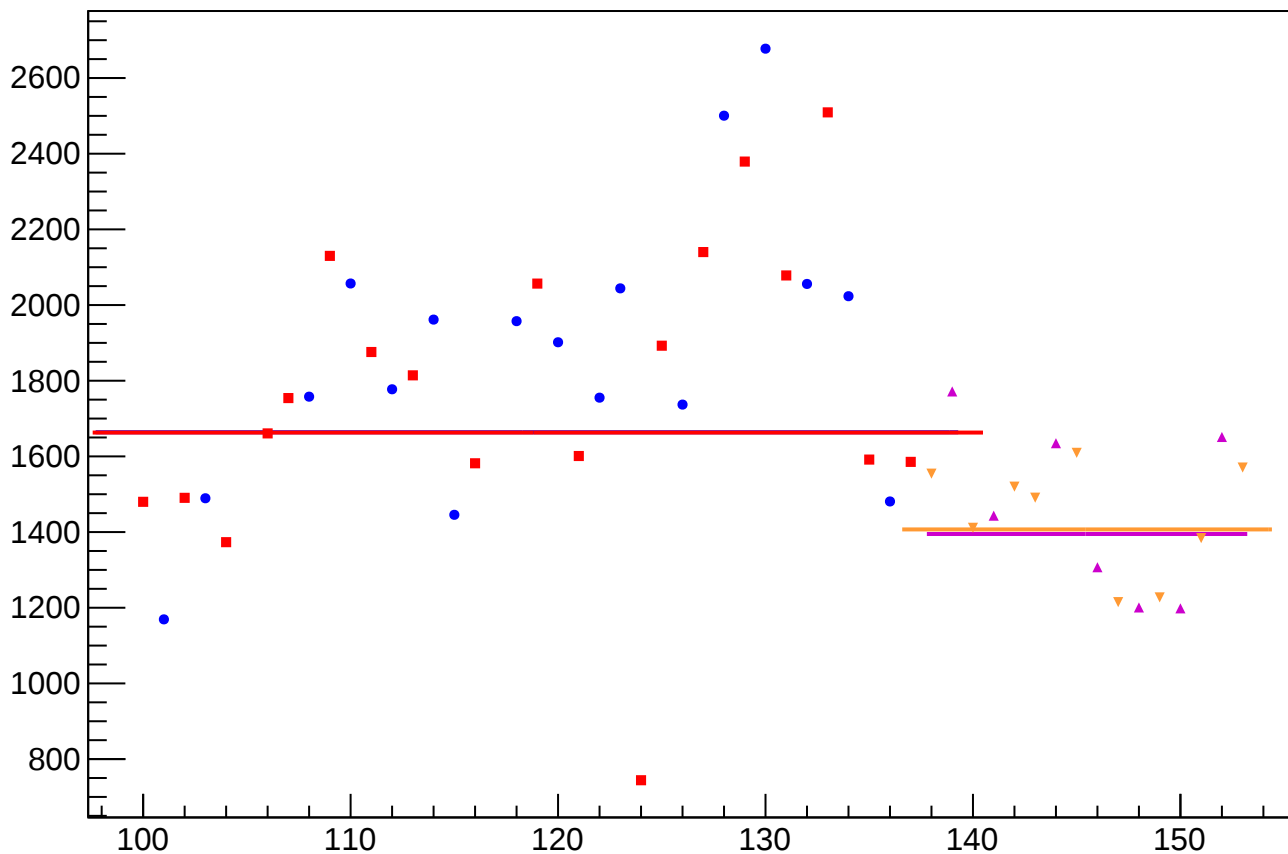
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 61.267+/-438.189 χ^2/NDF : 24.6/23

Out: 246.212+/-418.424 χ^2/NDF : 26.8/27

All: 158.005+/-302.617 χ^2/NDF : 51.5/51

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2/NDF : 622477.6/16

Left Out: 1406.988 $\pm$ 0.389 χ^2/NDF : 137423.5/8

Right Out: 1662.985 $\pm$ 0.456 χ^2/NDF : 804974.2/18

Left In: 1394.884 $\pm$ 0.414 χ^2/NDF : 246390.5/6

Left: 1401.319 $\pm$ 0.283 χ^2/NDF : 384268.1/15

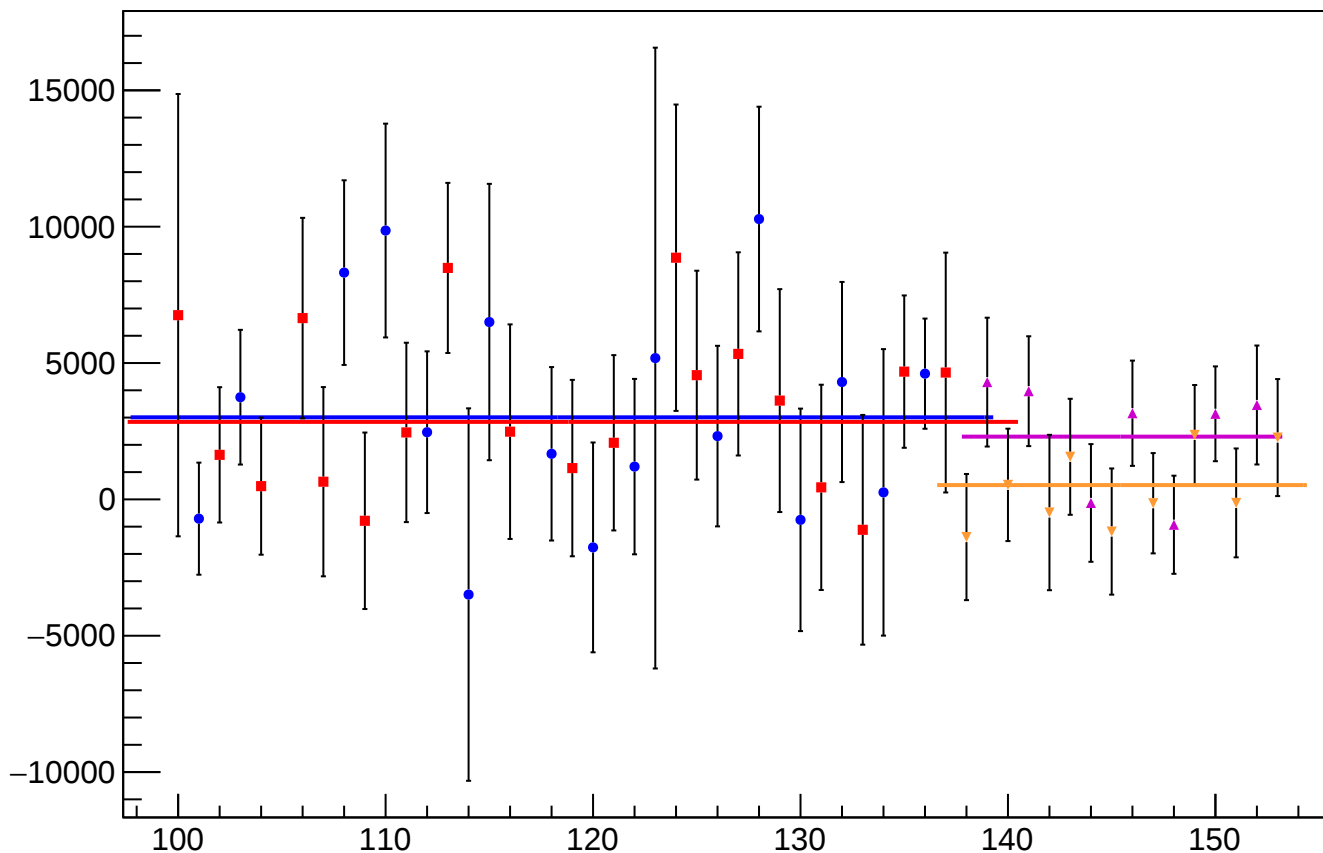
Right: 1663.373 $\pm$ 0.326 χ^2/NDF : 1427453.3/35

In: 1513.282 $\pm$ 0.310 χ^2/NDF : 1054469.2/23

Out: 1514.706 $\pm$ 0.296 χ^2/NDF : 1124855.9/27

All: 1514.027 $\pm$ 0.214 χ^2/NDF : 2179336.1/51

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: 524.365+/-704.256 χ^2/NDF : 3.5/8

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2300.897+/-753.997 χ^2/NDF : 6.6/6

Left: 1352.104+/-514.671 χ^2/NDF : 13.1/15

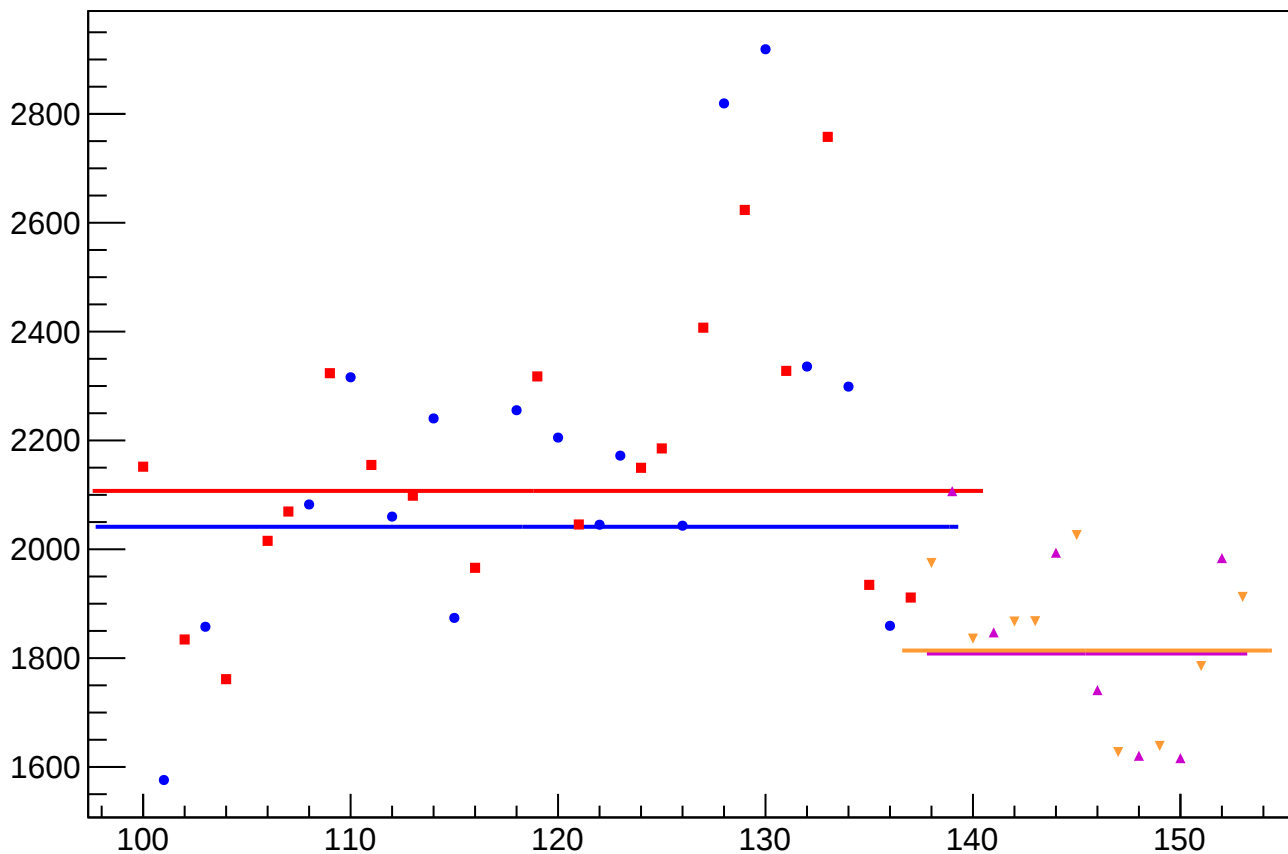
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2634.250+/-548.585 χ^2/NDF : 24.4/23

Out: 1542.373+/-527.374 χ^2/NDF : 19.7/27

All: 2066.794+/-380.187 χ^2/NDF : 46.2/51

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1813.957+/-0.498 χ^2/NDF : 72263.1/8

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

Left In: 1808.490+/-0.533 χ^2/NDF : 109001.2/6

Left: 1811.410+/-0.364 χ^2/NDF : 181320.5/15

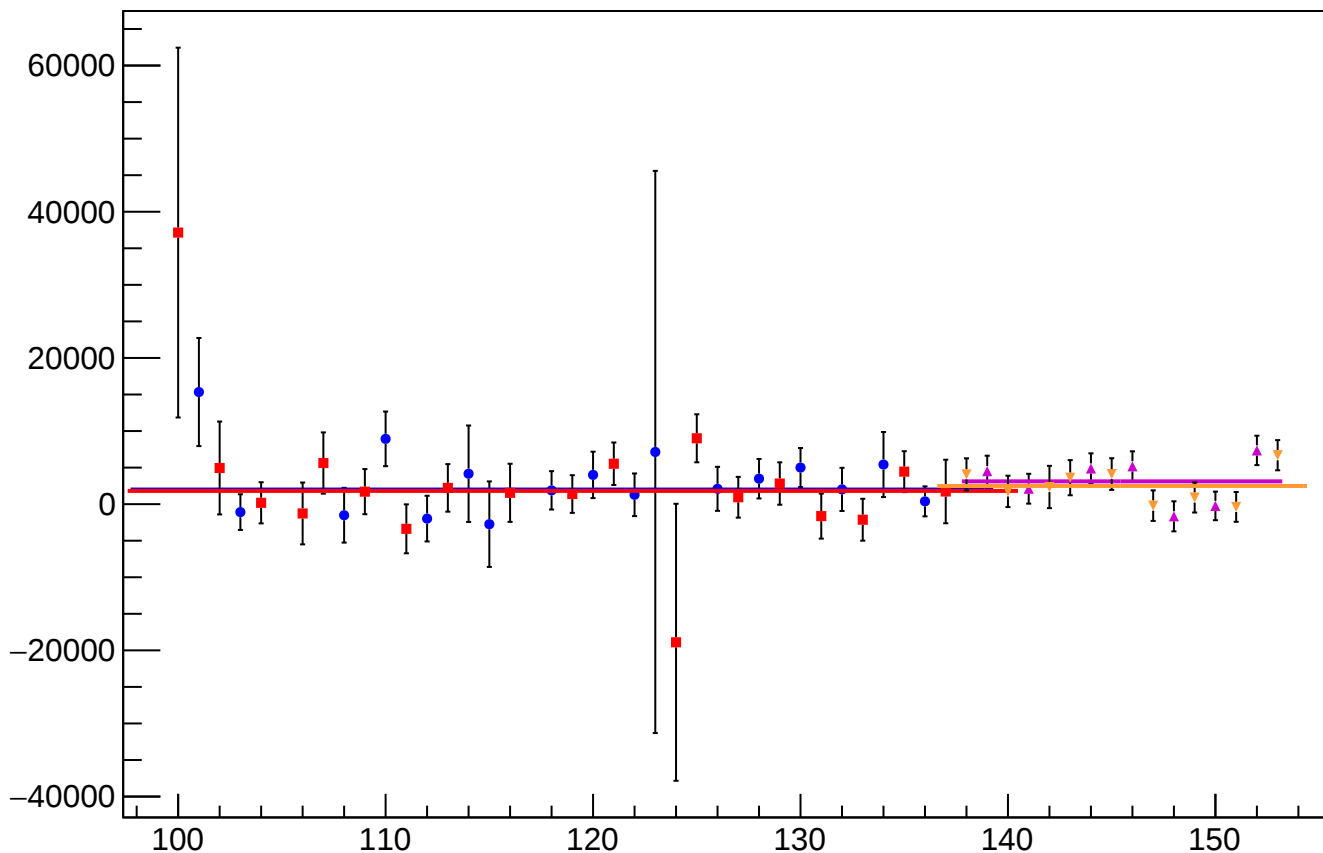
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1918.083+/-0.388 χ^2/NDF : 537215.2/23

Out: 1942.795+/-0.373 χ^2/NDF : 421434.9/27

All: 1930.926+/-0.269 χ^2/NDF : 960759.3/51

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2489.230+/-730.615 χ^2/NDF : 9.8/8

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 3119.486+/-771.797 χ^2/NDF : 15.2/6

Left: 2787.096+/-530.584 χ^2/NDF : 25.4/15

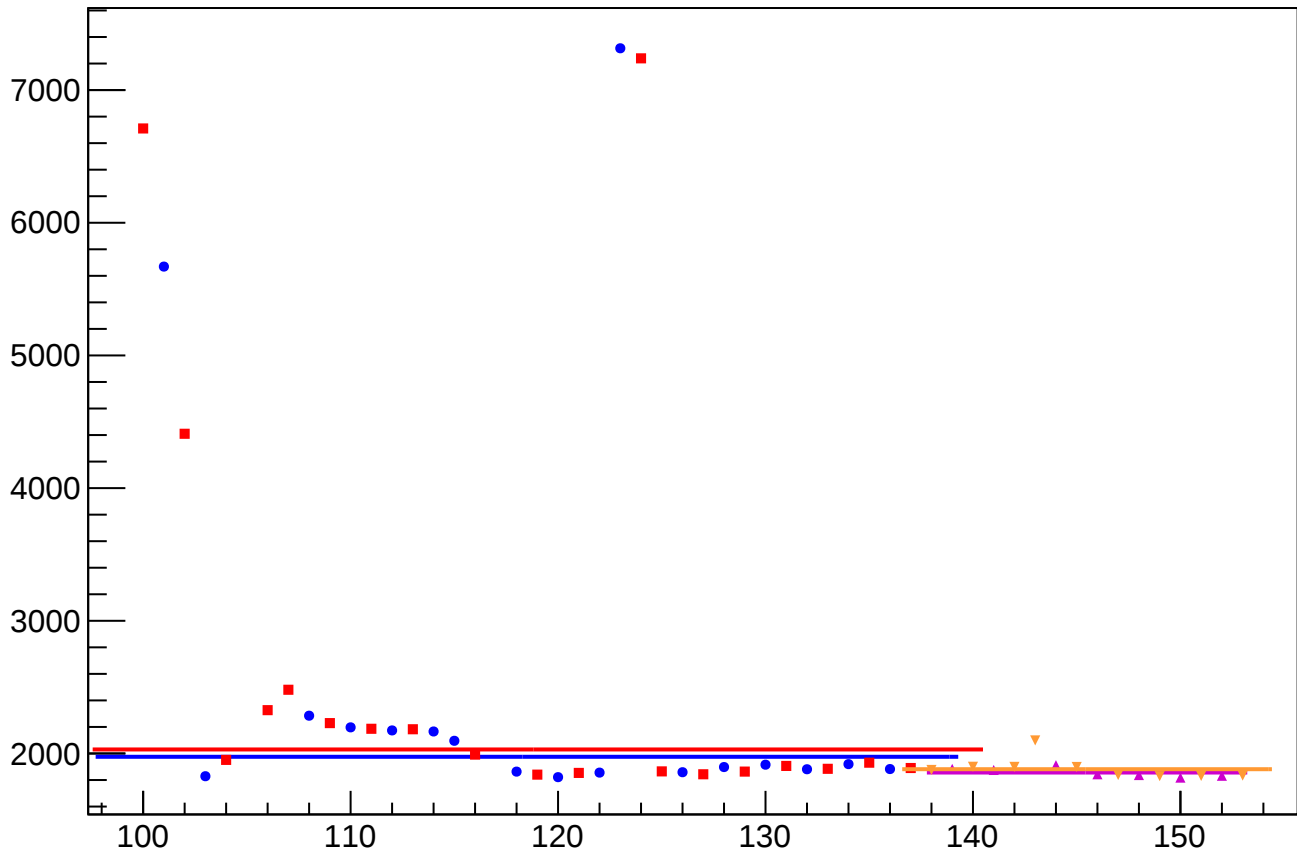
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2566.766+/-549.180 χ^2/NDF : 31.1/23

Out: 2175.032+/-533.694 χ^2/NDF : 28.4/27

All: 2365.298+/-382.736 χ^2/NDF : 59.8/51

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1881.560+/-0.517 χ^2/NDF : 21165.7/8

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1856.467+/-0.546 χ^2/NDF : 3251.8/6

Left: 1869.701+/-0.375 χ^2/NDF : 25532.4/15

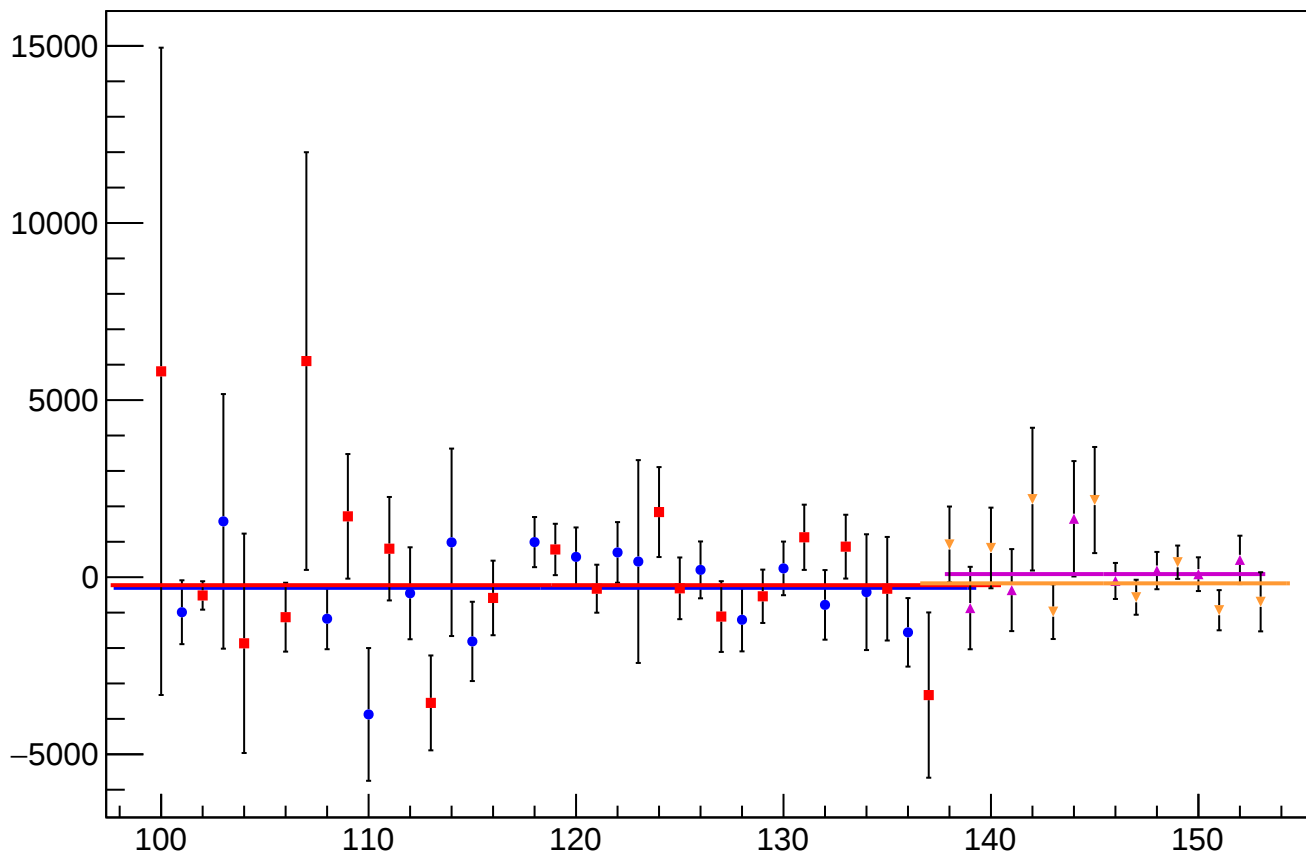
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1915.039+/-0.388 χ^2/NDF : 626415.0/23

Out: 1950.953+/-0.377 χ^2/NDF : 663772.8/27

All: 1933.510+/-0.271 χ^2/NDF : 1294586.9/51

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 χ^2/NDF : 17.3/16

Left Out: -173.441 ± 241.402 χ^2/NDF : 11.2/8

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

Left In: 87.944 ± 250.897 χ^2/NDF : 2.3/6

Left: -47.788 ± 173.957 χ^2/NDF : 14.0/15

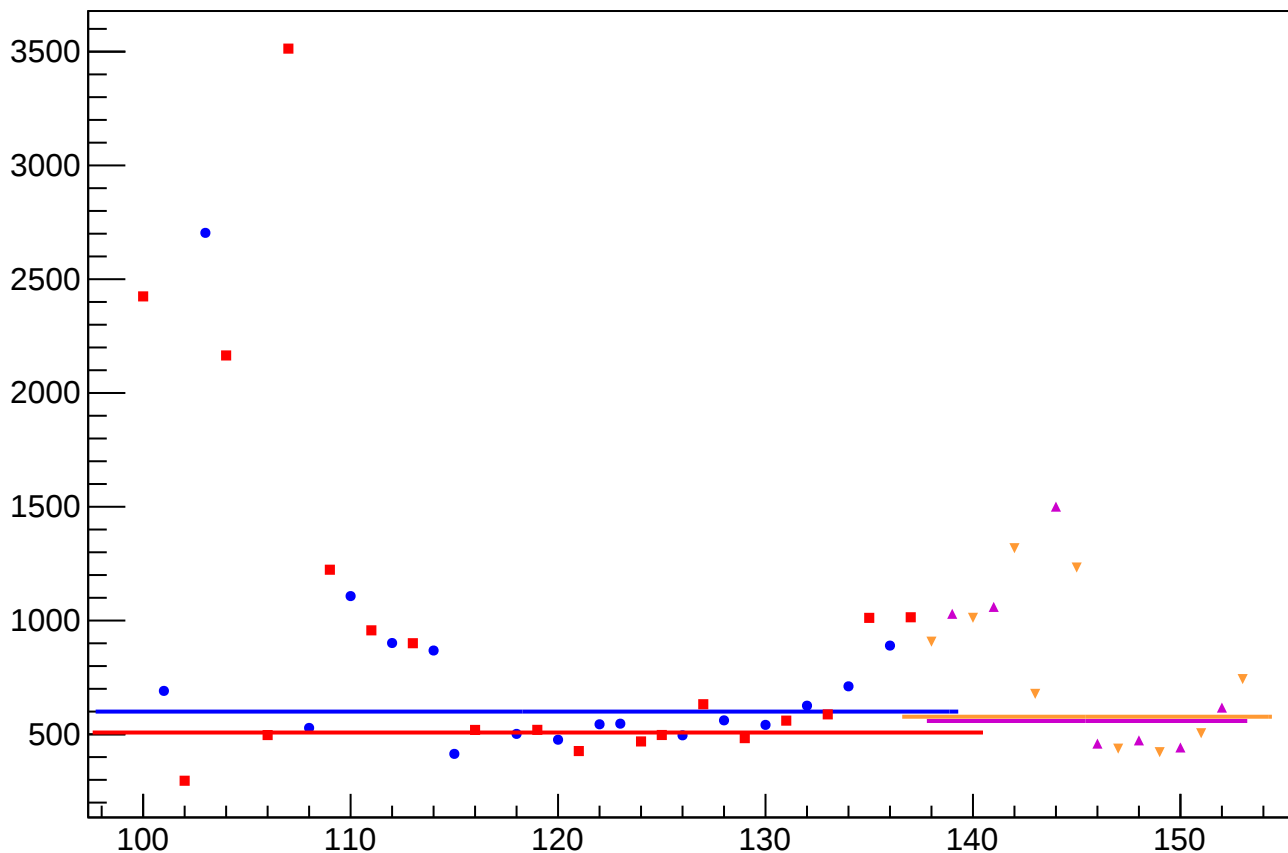
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -109.361 ± 175.877 χ^2/NDF : 20.8/23

Out: -202.367 ± 160.789 χ^2/NDF : 33.4/27

All: -160.024 ± 118.671 χ^2/NDF : 54.4/51

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 577.387+/-0.171 χ^2/NDF :1659913.5/8

Right Out: 507.943+/-0.152 χ^2/NDF : 2848884.0/18

Left In: 558.594+/-0.177 χ^2/NDF :1634363.6/6

Left: 568.353+/-0.123 χ^2/NDF : 3300104.0/15

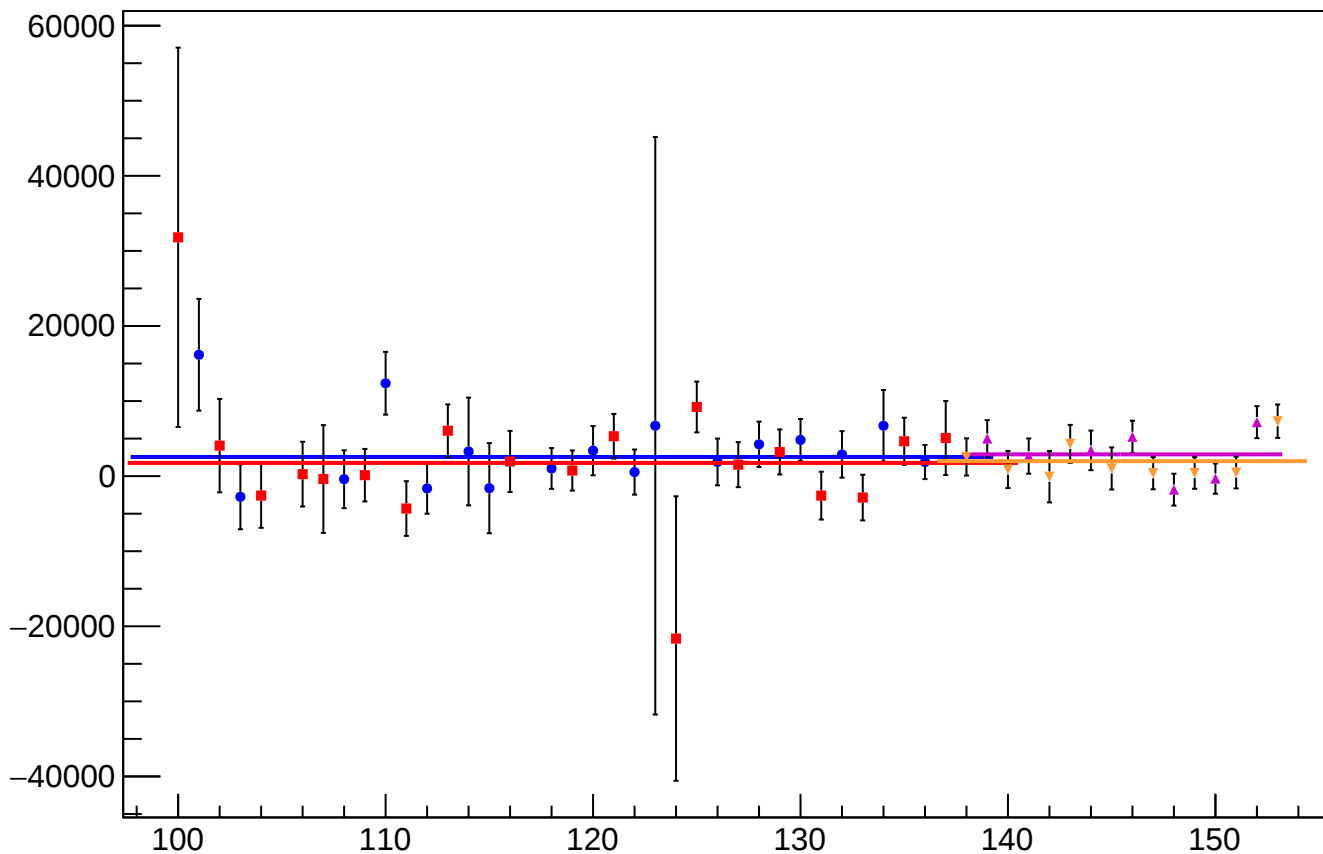
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 579.630+/-0.124 χ^2/NDF :3043054.7/23

Out: 538.751+/-0.114 χ^2/NDF :4600881.6/27

All: 557.362+/-0.084 χ^2/NDF : 7702791.3/51

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1997.017 $\pm$ 799.330 χ^2 /NDF: 8.9/8

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

Left In: 2902.091 $\pm$ 845.389 χ^2 /NDF: 13.5/6

Left: 2424.228 $\pm$ 580.812 χ^2 /NDF: 23.0/15

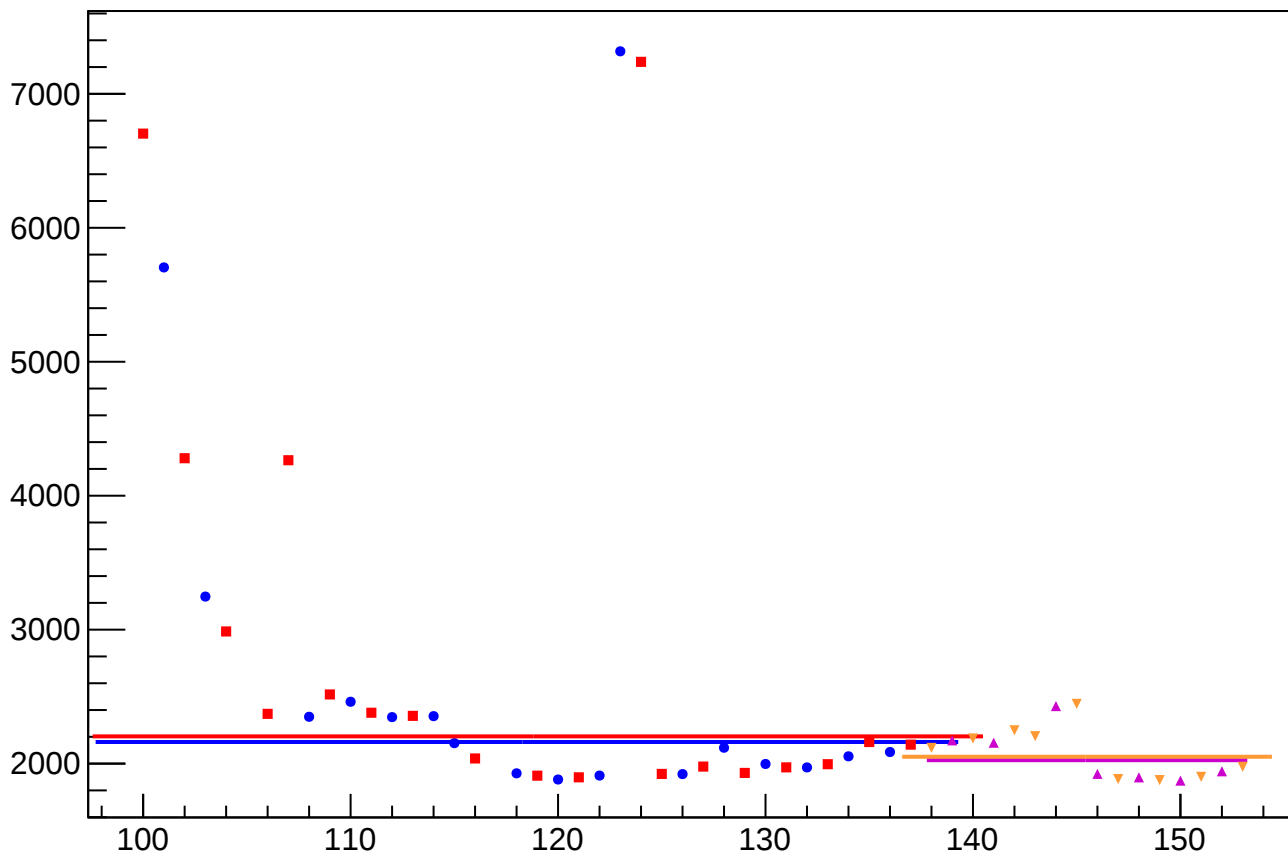
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2730.608 $\pm$ 602.502 χ^2 /NDF: 29.3/23

Out: 1887.130 $\pm$ 583.797 χ^2 /NDF: 29.9/27

All: 2295.572 $\pm$ 419.264 χ^2 /NDF: 60.2/51

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2051.268+/-0.565 χ^2/NDF : 99310.3/8

Right Out: 2203.343+/-0.604 χ^2/NDF : 797393.2/18

Left In: 2025.586+/-0.598 χ^2/NDF : 86750.8/6

Left: 2039.146+/-0.411 χ^2/NDF : 187035.7/15

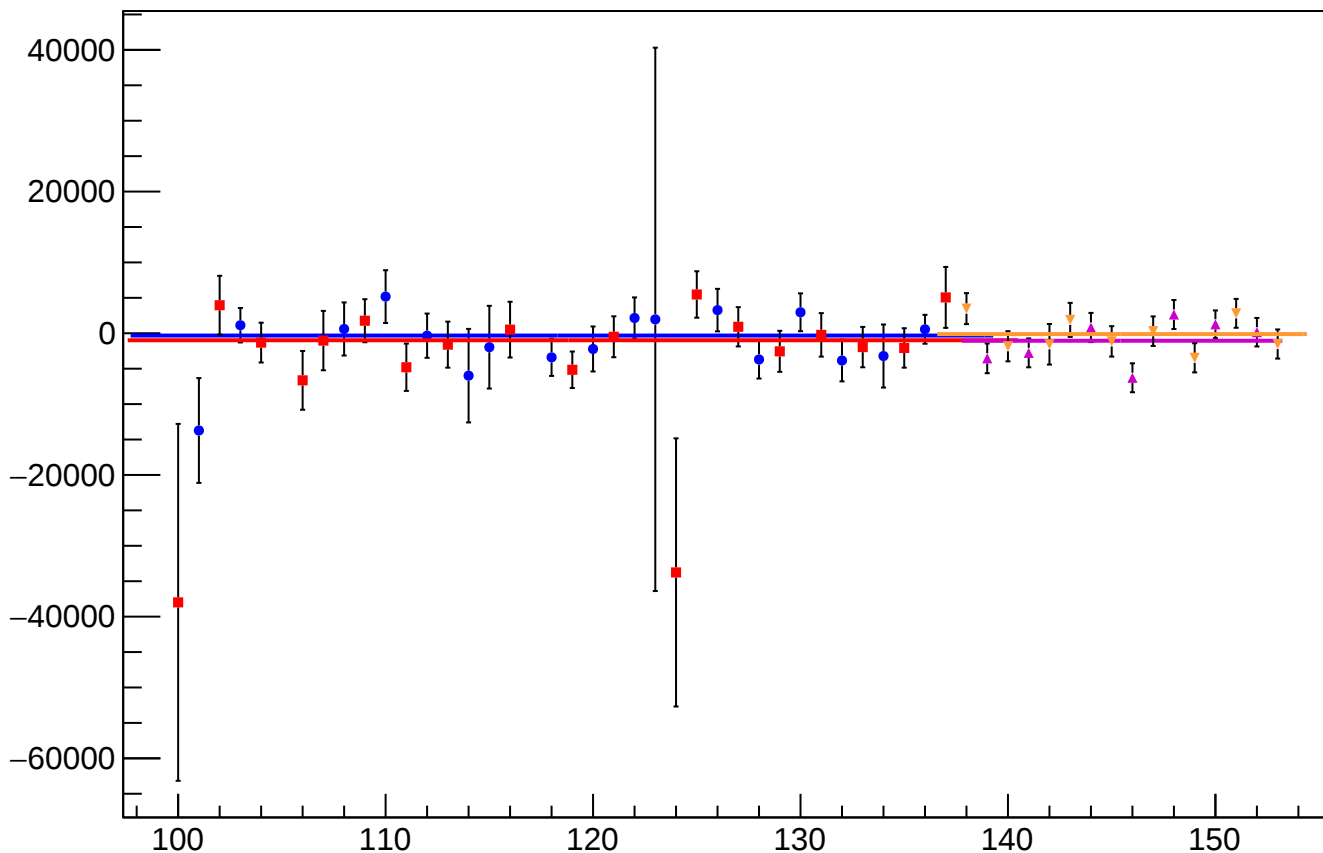
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2092.425+/-0.426 χ^2/NDF : 823410.8/23

Out: 2122.223+/-0.413 χ^2/NDF : 930480.1/27

All: 2107.794+/-0.296 χ^2/NDF : 1756414.0/51

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: -117.893+/-728.232 χ^2/NDF : 9.8/8

Right Out: -985.900+/-769.924 χ^2/NDF : 20.4/18

Left In: -1055.935+/-769.376 χ^2/NDF : 14.5/6

Left: -561.162+/-528.885 χ^2/NDF : 25.0/15

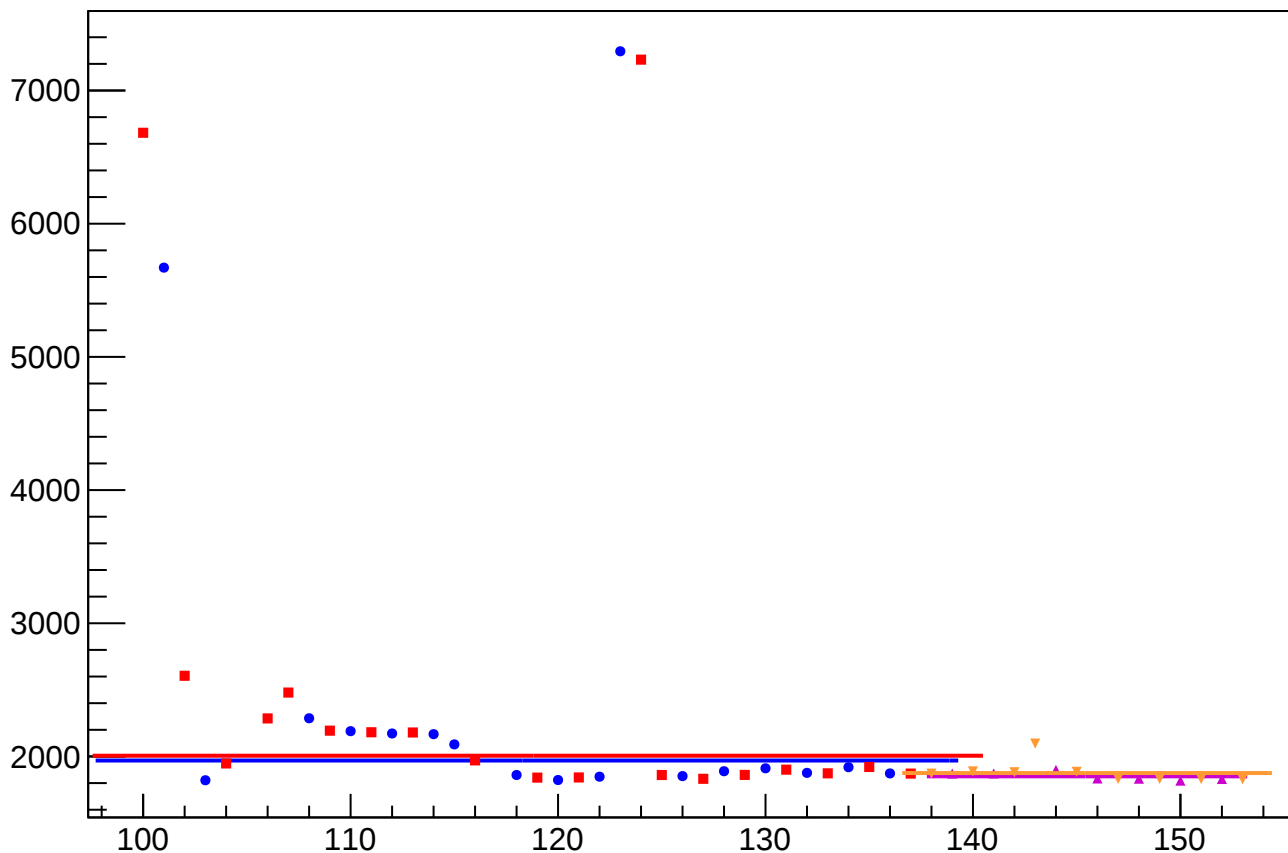
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -694.626+/-547.578 χ^2/NDF : 30.7/23

Out: -527.760+/-529.063 χ^2/NDF : 30.8/27

All: -608.324+/-380.481 χ^2/NDF : 61.5/51

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1875.456+/-0.515 χ^2/NDF : 21004.6/8

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

Left In: 1850.772+/-0.544 χ^2/NDF : 2529.9/6

Left: 1863.792+/-0.374 χ^2/NDF : 24620.3/15

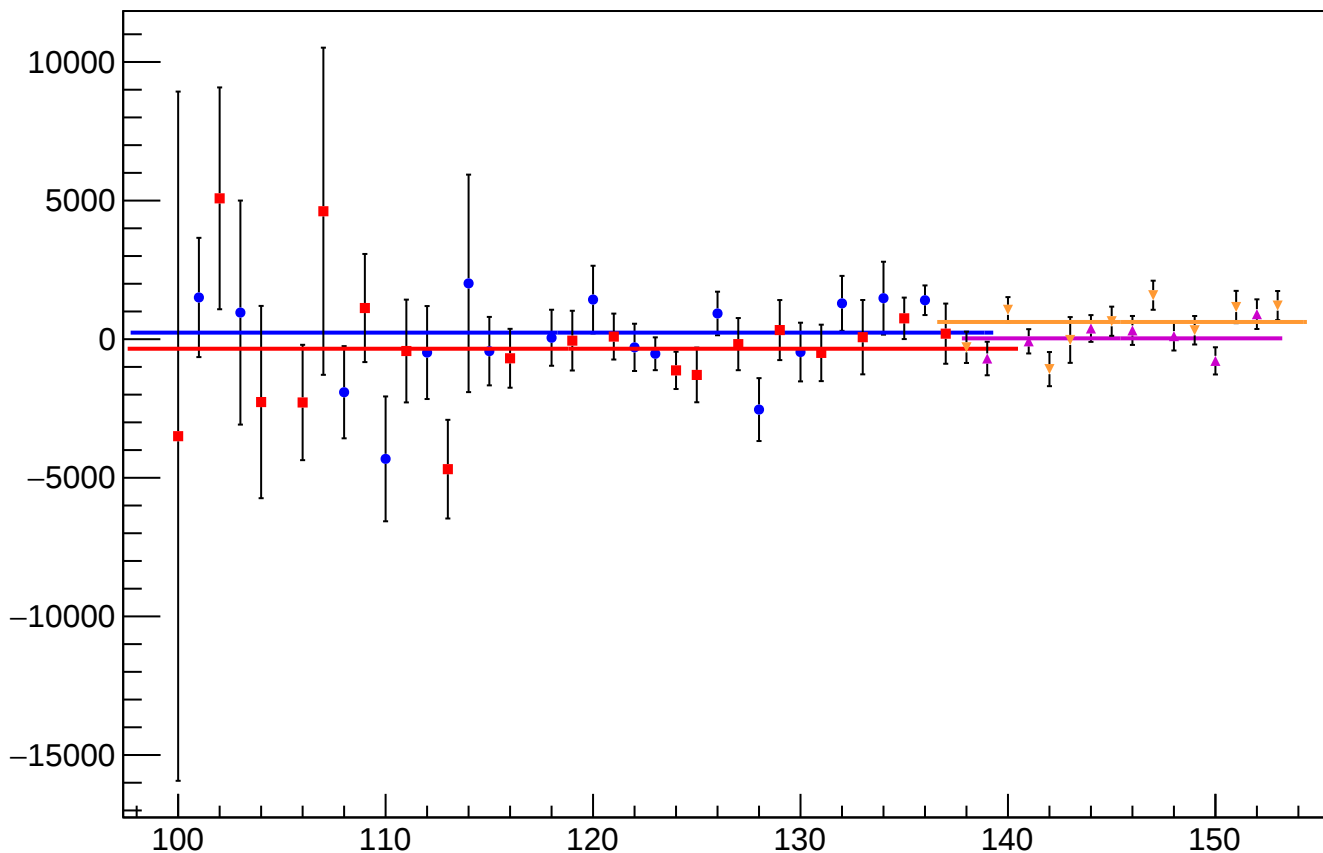
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1909.357+/-0.387 χ^2/NDF : 628840.2/23

Out: 1936.886+/-0.374 χ^2/NDF : 410788.6/27

All: 1923.595+/-0.269 χ^2/NDF : 1042243.3/51

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864+/-248.604 χ^2/NDF : 23.9/16

Left Out: 621.235+/-183.805 χ^2/NDF : 17.6/8

Right Out: -344.268+/-268.517 χ^2/NDF : 16.0/18

Left In: 30.497+/-191.524 χ^2/NDF : 7.8/6

Left: 338.010+/-132.615 χ^2/NDF : 30.3/15

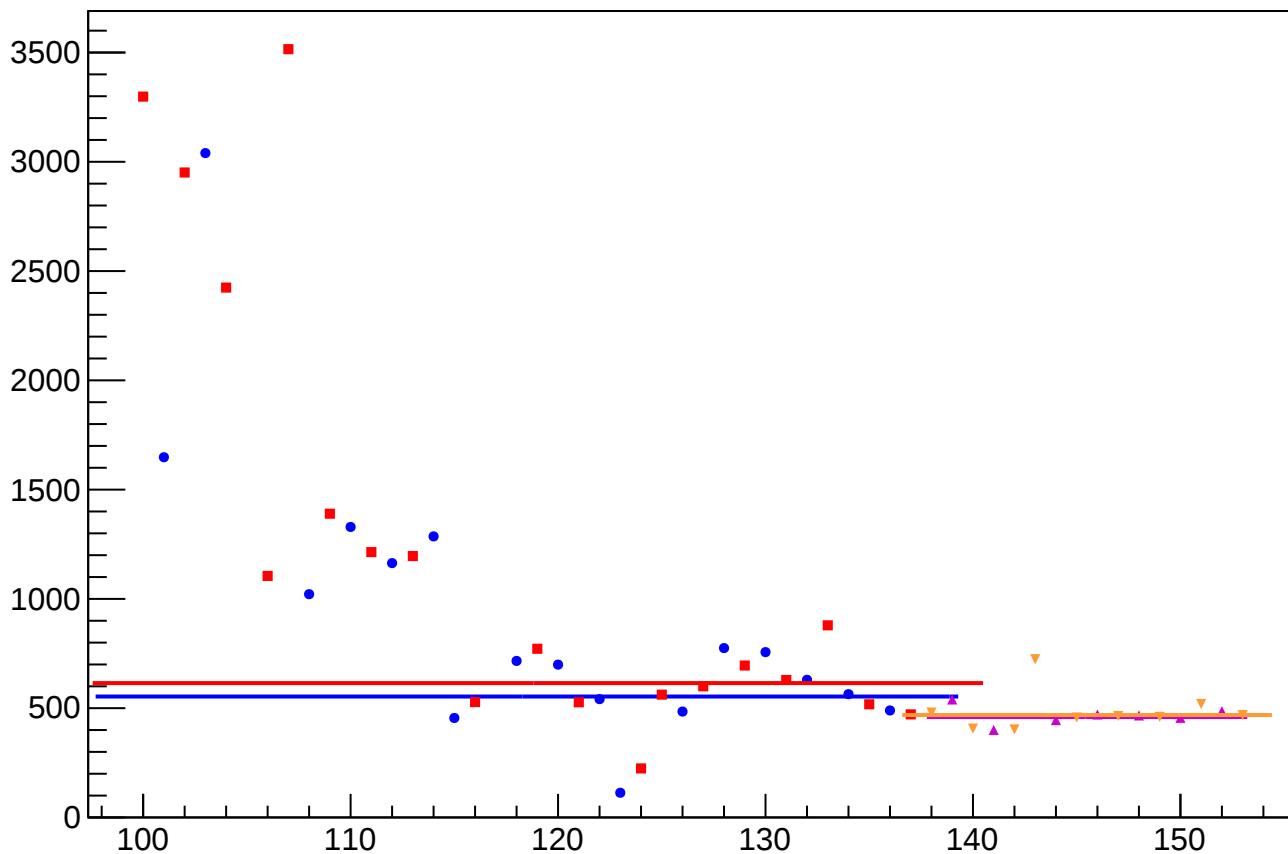
Right: -31.357+/-182.424 χ^2/NDF : 42.4/35

In: 107.360+/-151.721 χ^2/NDF : 32.1/23

Out: 313.178+/-151.674 χ^2/NDF : 42.4/27

All: 210.301+/-107.266 χ^2/NDF : 75.4/51

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 468.670+/-0.130 χ^2/NDF : 268442.0/8

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 459.492+/-0.135 χ^2/NDF : 79527.8/6

Left: 464.270+/-0.094 χ^2/NDF : 350360.6/15

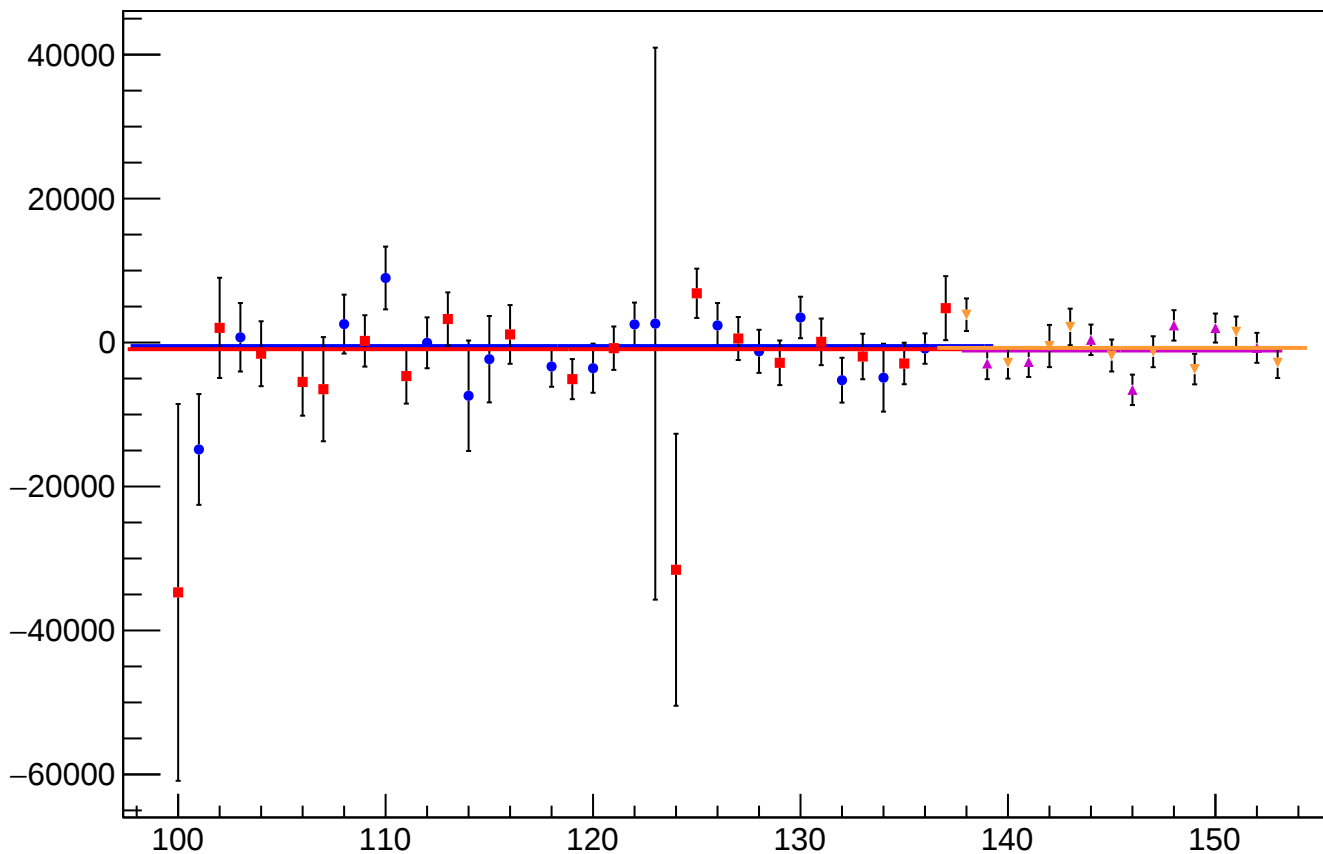
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 494.424+/-0.107 χ^2/NDF : 3670904.4/23

Out: 515.304+/-0.107 χ^2/NDF : 4241553.6/27

All: 504.867+/-0.076 χ^2/NDF : 7931403.6/51

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -744.971+/-753.447 χ^2/NDF : 10.7/8

Right Out: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -1105.089+/-793.768 χ^2/NDF : 13.6/6

Left: -915.651+/-546.466 χ^2/NDF : 24.4/15

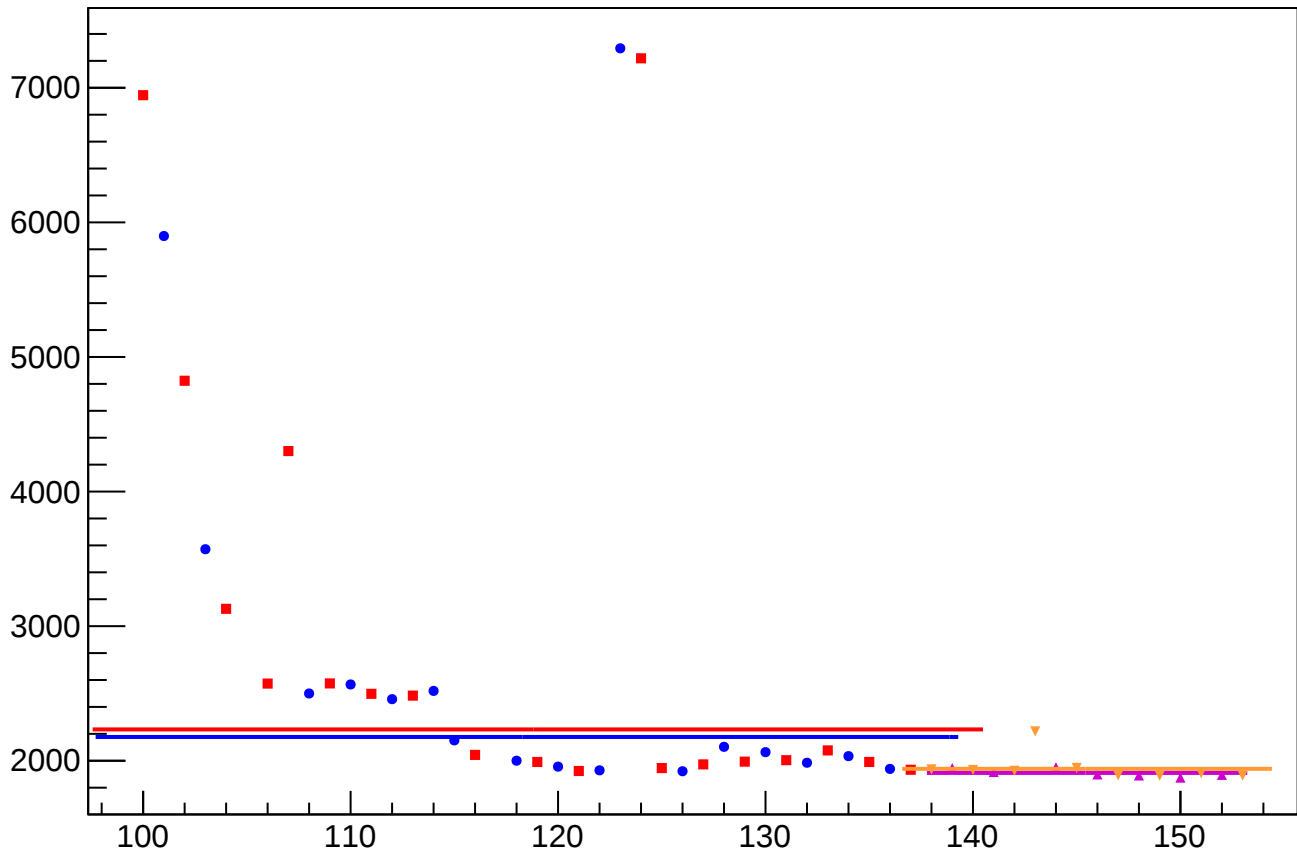
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -825.845+/-585.764 χ^2/NDF : 32.4/23

Out: -820.935+/-569.175 χ^2/NDF : 29.6/27

All: -823.320+/-408.206 χ^2/NDF : 62.0/51

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1940.159 $\pm$ 0.533 χ^2 /NDF: 27904.0/8

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

Left In: 1909.634 $\pm$ 0.561 χ^2 /NDF: 2282.4/6

Left: 1925.692 $\pm$ 0.386 χ^2 /NDF: 31742.3/15

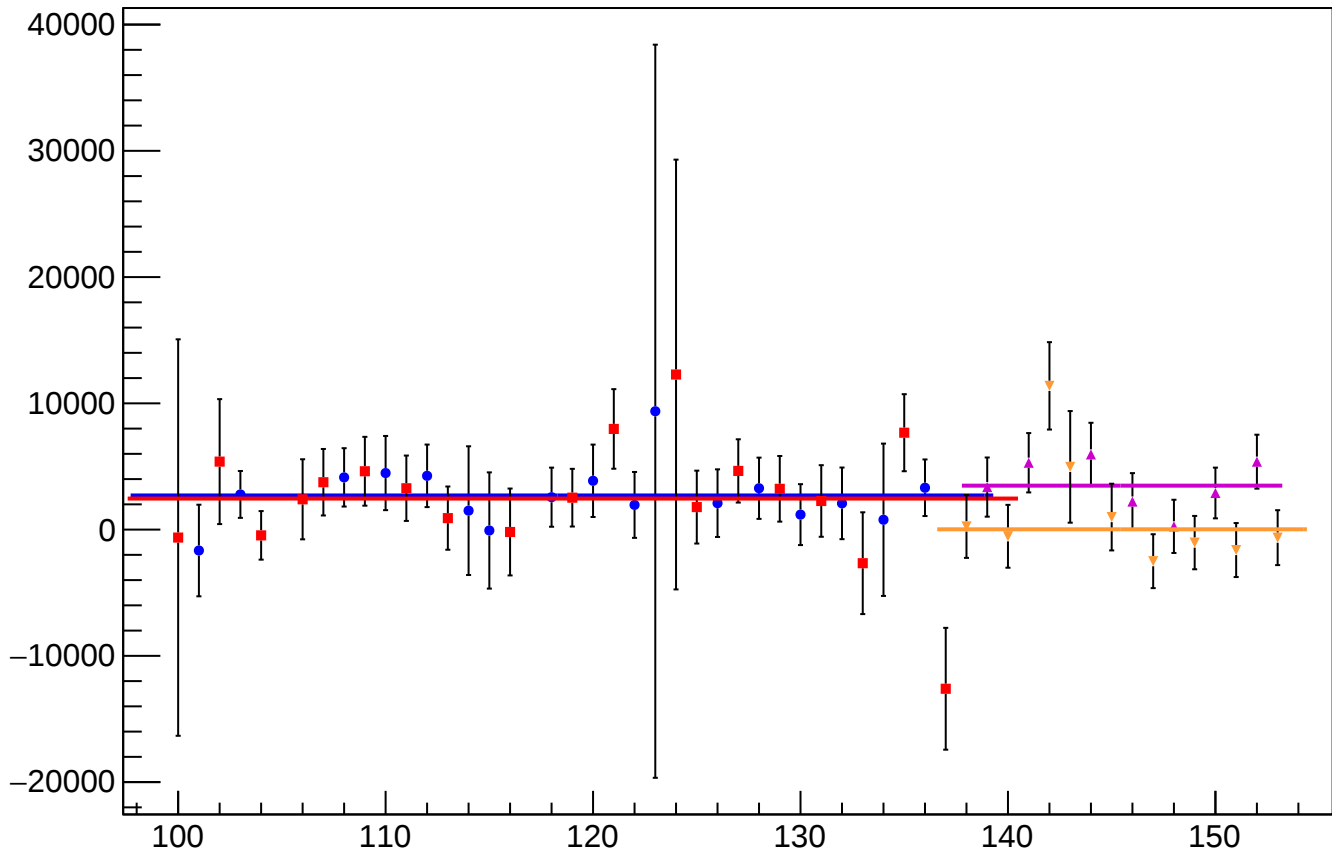
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2031.284 $\pm$ 0.414 χ^2 /NDF: 908104.9/23

Out: 2065.835 $\pm$ 0.402 χ^2 /NDF: 1048064.9/27

All: 2049.055 $\pm$ 0.289 χ^2 /NDF: 1959748.9/51

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 22.639 $\pm$ 823.591 χ^2 /NDF:14.6/8

Right Out: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

Left In: 3481.019 $\pm$ 841.666 χ^2 /NDF:5.1/6

Left: 1714.296 $\pm$ 588.653 χ^2 /NDF: 28.3/15

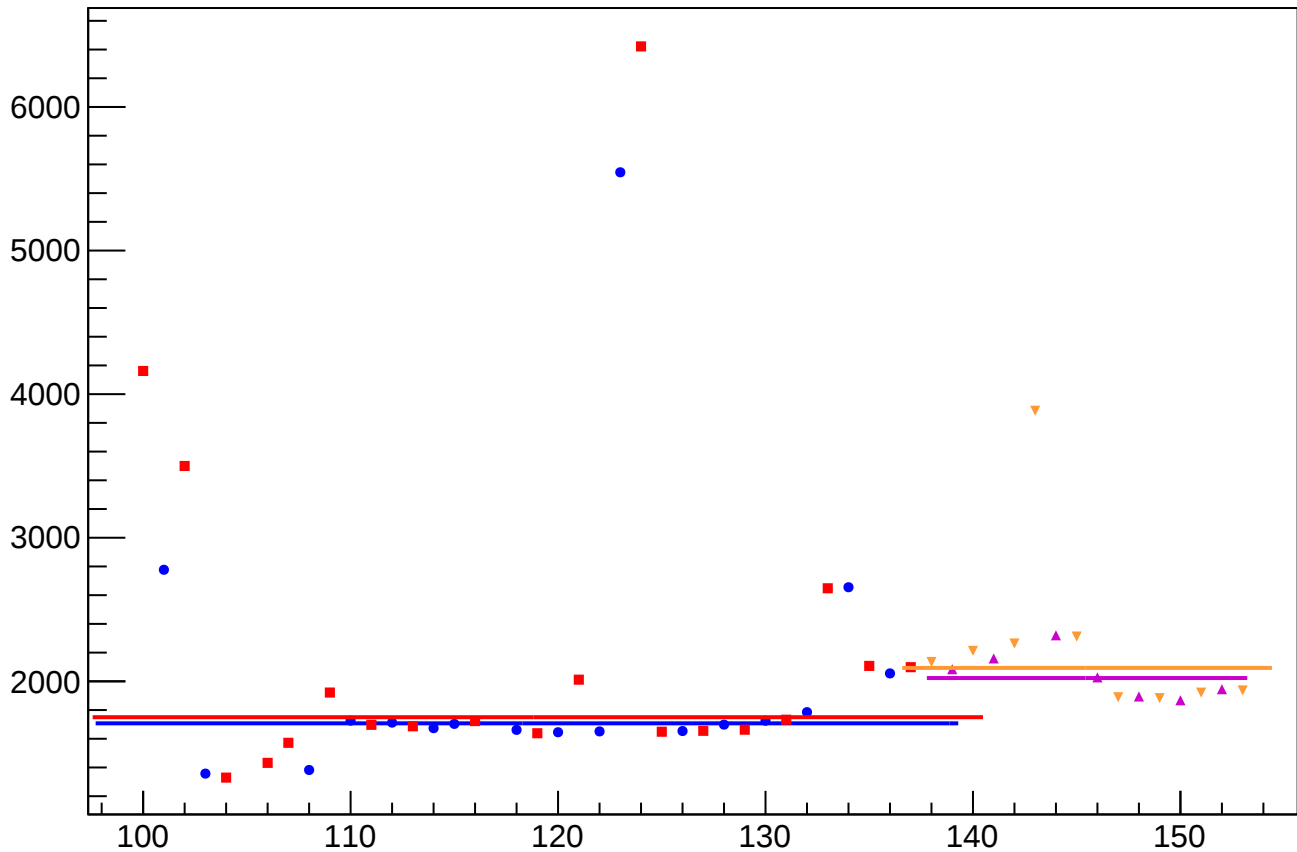
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3007.238 $\pm$ 526.054 χ^2 /NDF:9.7/23

Out: 1466.691 $\pm$ 525.569 χ^2 /NDF:43.0/27

All: 2236.254 $\pm$ 371.805 χ^2 /NDF: 56.9/51

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2093.453+/-0.582 χ^2/NDF : 413422.9/8

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 2022.924+/-0.595 χ^2/NDF : 58291.4/6

Left: 2058.954+/-0.416 χ^2/NDF : 478888.8/15

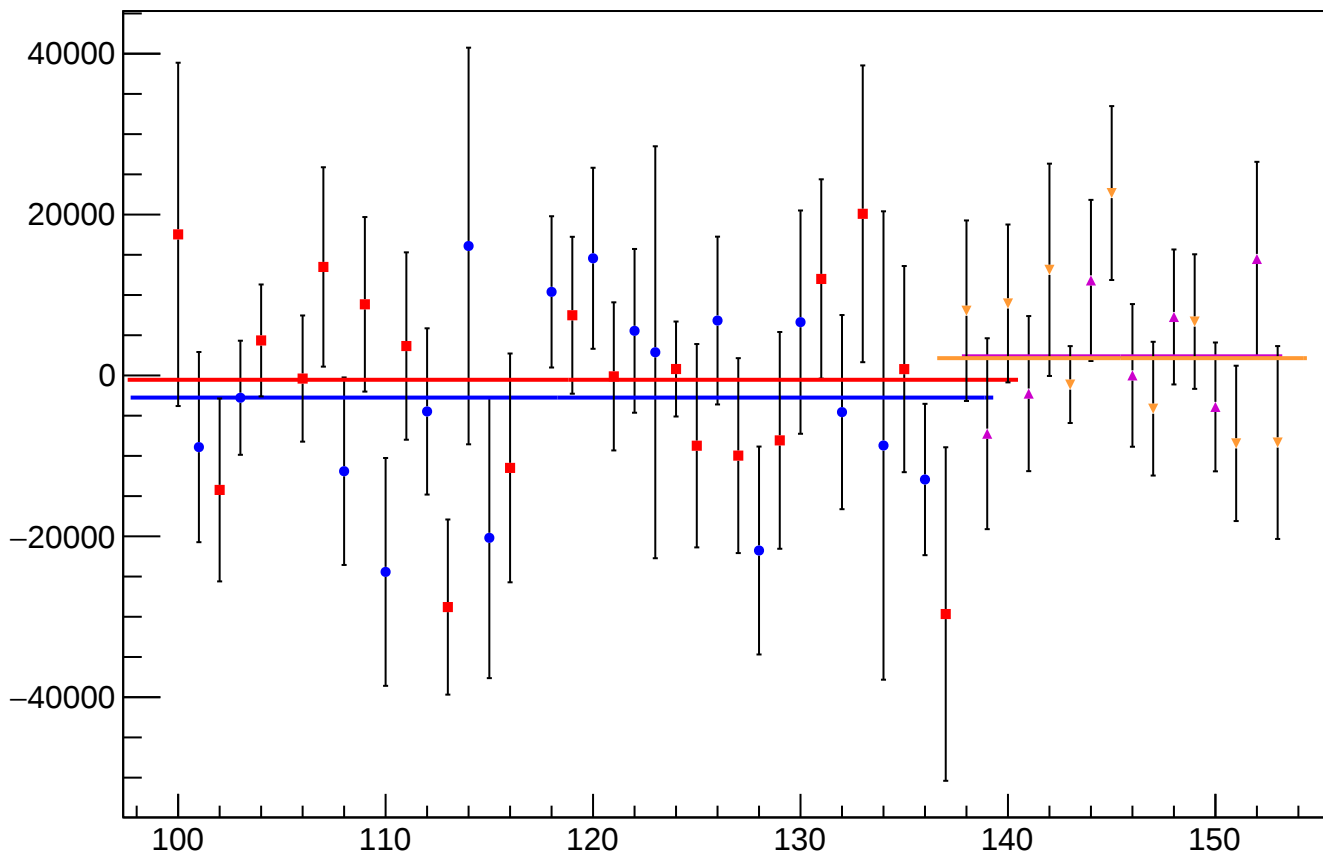
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1830.649+/-0.372 χ^2/NDF : 651744.7/23

Out: 1889.886+/-0.372 χ^2/NDF : 1366002.3/27

All: 1860.299+/-0.263 χ^2/NDF : 2030441.0/51

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: 2150.175 $\pm$ 2853.287 χ^2 /NDF:8.4/8

Right Out: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

Left In: 2380.787 $\pm$ 3598.979 χ^2 /NDF:3.8/6

Left: 2239.180 $\pm$ 2235.869 χ^2 /NDF: 12.2/15

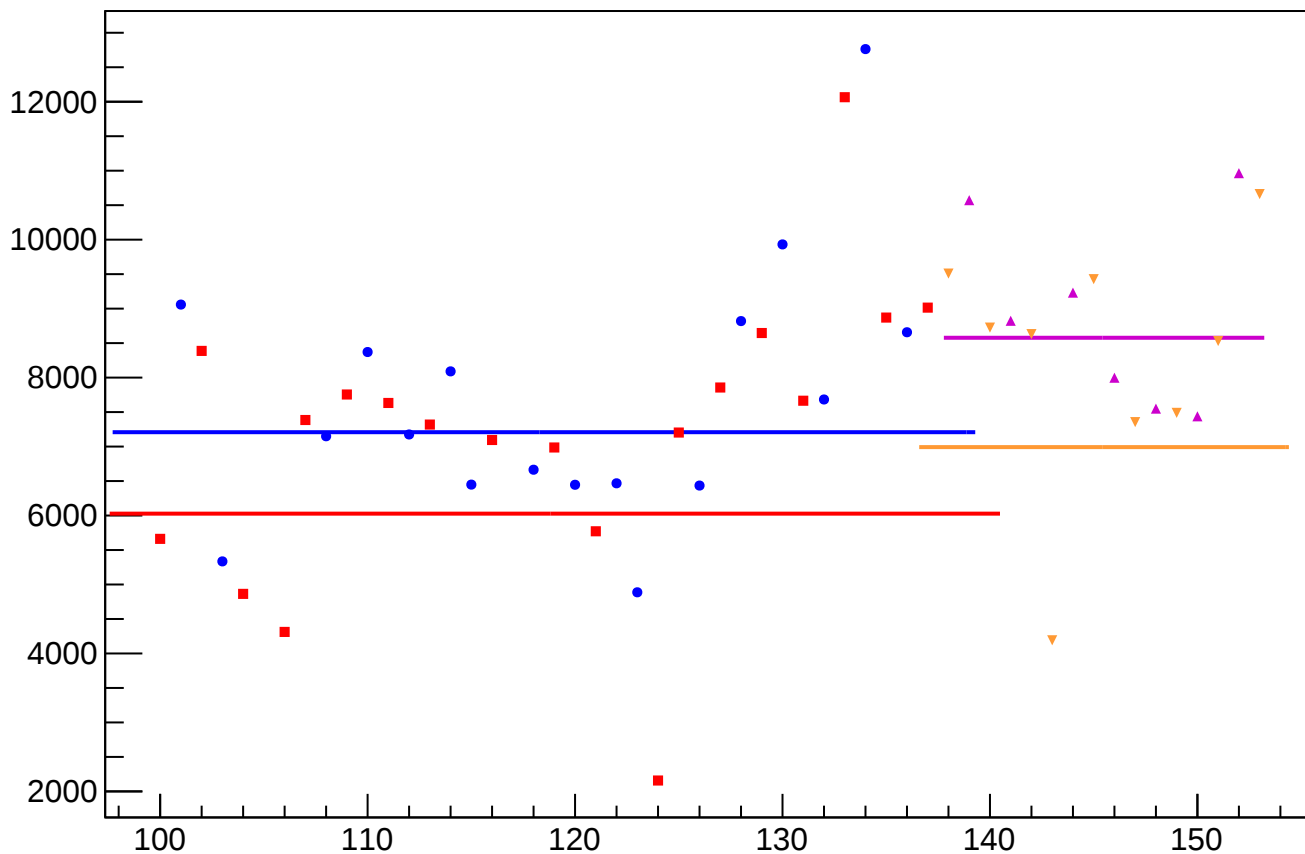
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -779.495 $\pm$ 2230.619 χ^2 /NDF:19.6/23

Out: 589.122 $\pm$ 1847.787 χ^2 /NDF:27.4/27

All: 32.161 $\pm$ 1422.974 χ^2 /NDF: 47.2/51

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 6992.020+/-2.018 χ^2/NDF : 1230954.8/8

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 8577.562+/-2.545 χ^2/NDF : 223490.3/6

Left: 7603.964+/-1.581 χ^2/NDF : 1692802.5/15

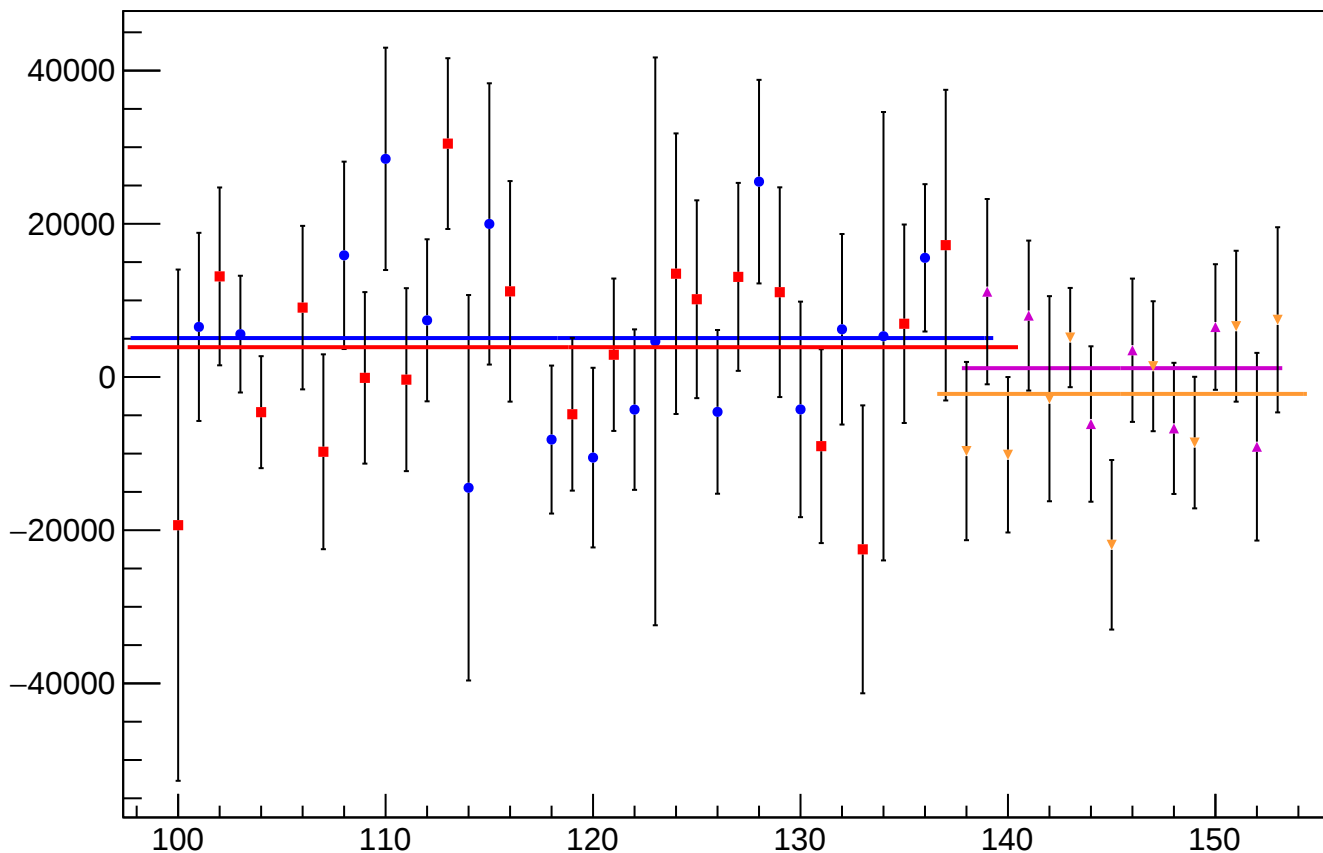
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7734.319+/-1.577 χ^2/NDF : 895517.3/23

Out: 6431.953+/-1.307 χ^2/NDF : 3161831.0/27

All: 6961.953+/-1.006 χ^2/NDF : 4461678.4/51

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: -2206.039+/-3173.926 χ^2/NDF : 7.7/8

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 1155.034+/-3686.151 χ^2/NDF : 3.7/6

Left: -775.074+/-2405.186 χ^2/NDF : 11.9/15

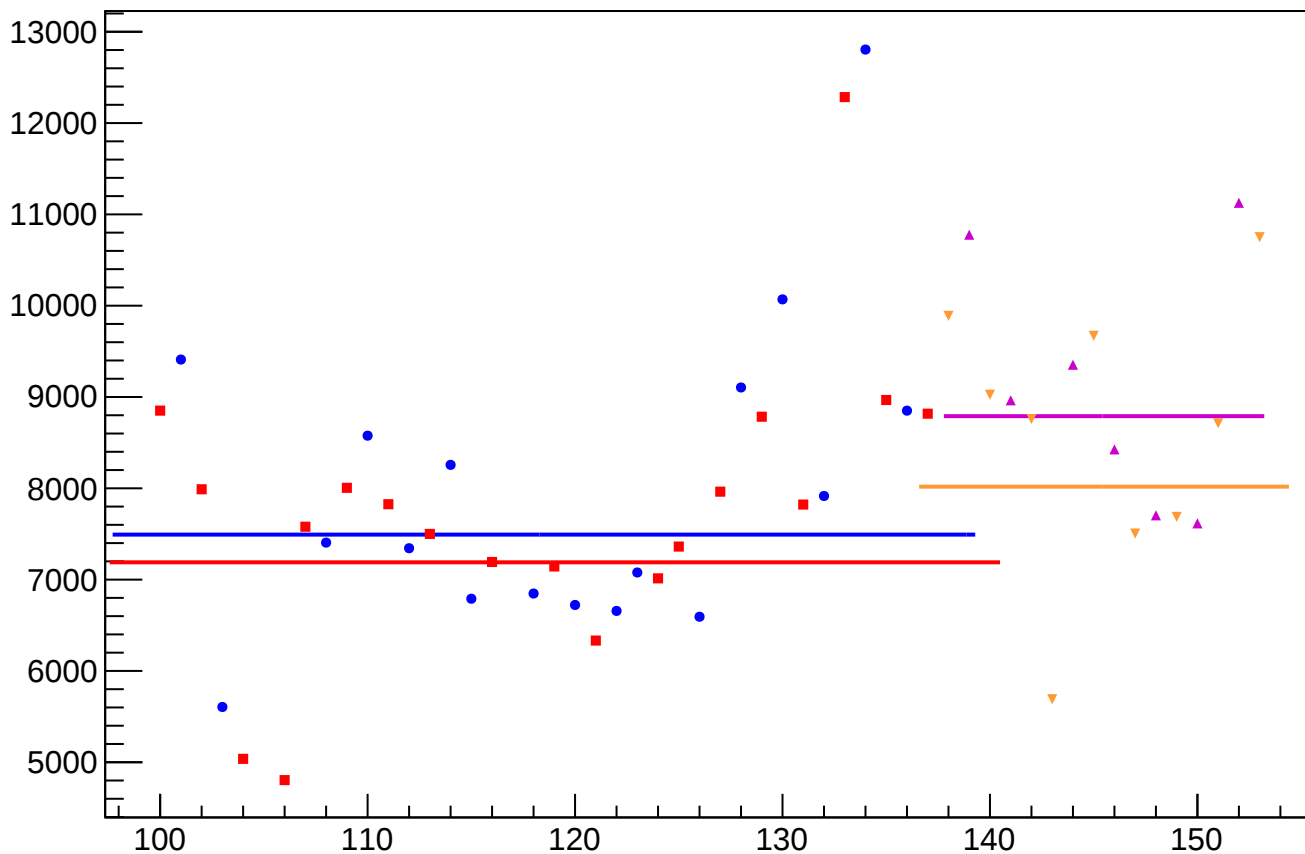
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3547.120+/-2305.728 χ^2/NDF : 18.4/23

Out: 1233.633+/-2095.605 χ^2/NDF : 25.4/27

All: 2280.180+/-1550.793 χ^2/NDF : 44.3/51

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2 /NDF: 437084.4/16

Left Out: 8018.071 $\pm$ 2.244 χ^2 /NDF: 502632.4/8

Right Out: 7189.504 $\pm$ 1.973 χ^2 /NDF: 560893.8/18

Left In: 8790.120 $\pm$ 2.607 χ^2 /NDF: 209763.6/6

Left: 8346.768 $\pm$ 1.701 χ^2 /NDF: 762778.1/15

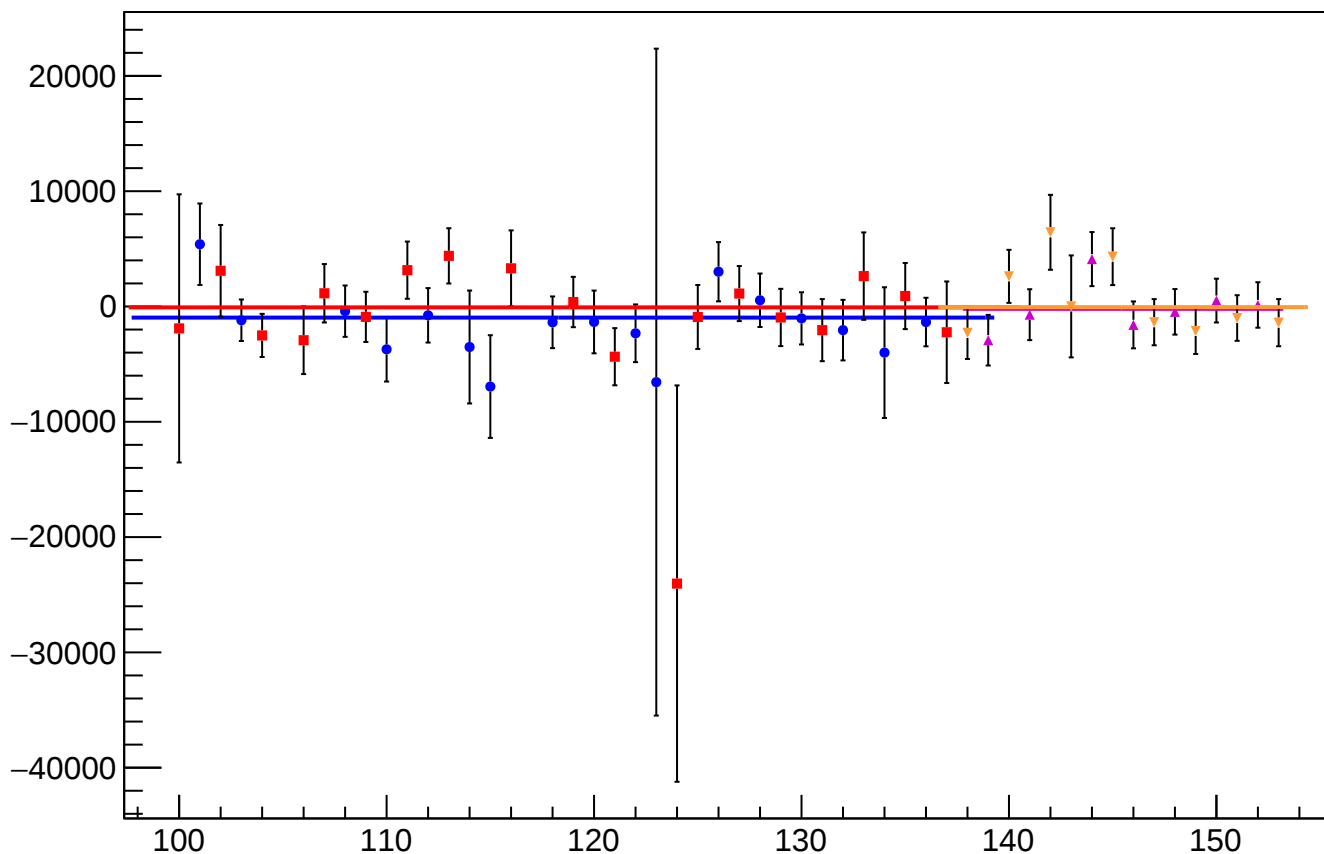
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8000.450 $\pm$ 1.630 χ^2 /NDF: 797625.5/23

Out: 7550.656 $\pm$ 1.482 χ^2 /NDF: 1140415.6/27

All: 7754.116 $\pm$ 1.097 χ^2 /NDF: 1979724.8/51

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: -55.637+/-769.382 χ^2/NDF : 11.6/8

Right Out: -76.747+/-633.483 χ^2/NDF : 16.7/18

Left In: -204.157+/-784.008 χ^2/NDF : 5.6/6

Left: -128.499+/-549.134 χ^2/NDF : 17.3/15

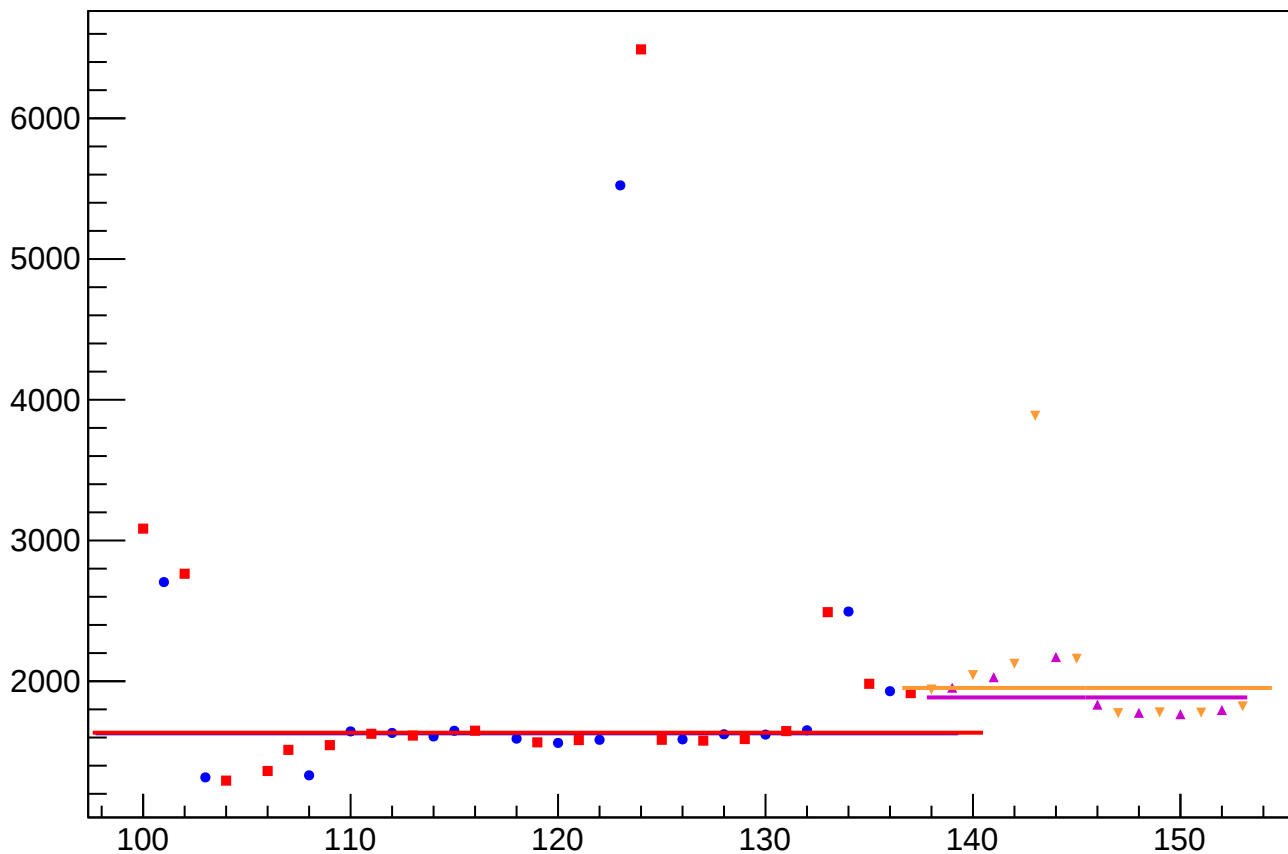
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -657.549+/-497.187 χ^2/NDF : 16.3/23

Out: -68.218+/-489.044 χ^2/NDF : 28.4/27

All: -358.018+/-348.650 χ^2/NDF : 45.3/51

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 1952.211+/-0.544 χ^2/NDF : 460370.4/8

Right Out: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1884.878+/-0.554 χ^2/NDF : 59782.7/6

Left: 1919.178+/-0.388 χ^2/NDF : 527667.7/15

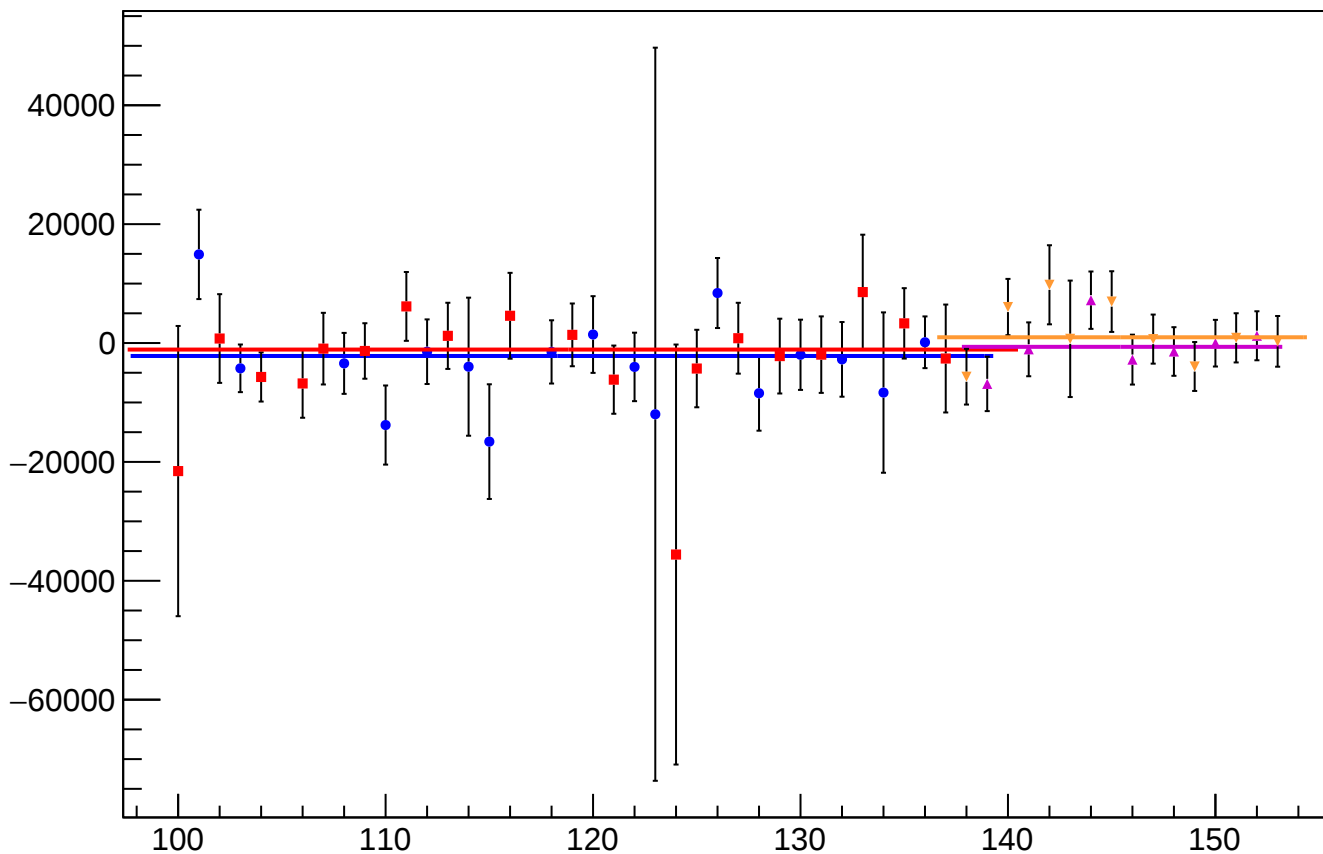
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1732.474+/-0.352 χ^2/NDF : 594348.8/23

Out: 1762.719+/-0.346 χ^2/NDF : 1252582.3/27

All: 1747.846+/-0.247 χ^2/NDF : 1850692.9/51

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 χ^2/NDF : 16.0/16

Left Out: 968.722 ± 1595.757 χ^2/NDF : 7.8/8

Right Out: -1098.345 ± 1439.820 χ^2/NDF : 9.3/18

Left In: -641.003 ± 1622.896 χ^2/NDF : 5.0/6

Left: 177.431 ± 1137.844 χ^2/NDF : 13.3/15

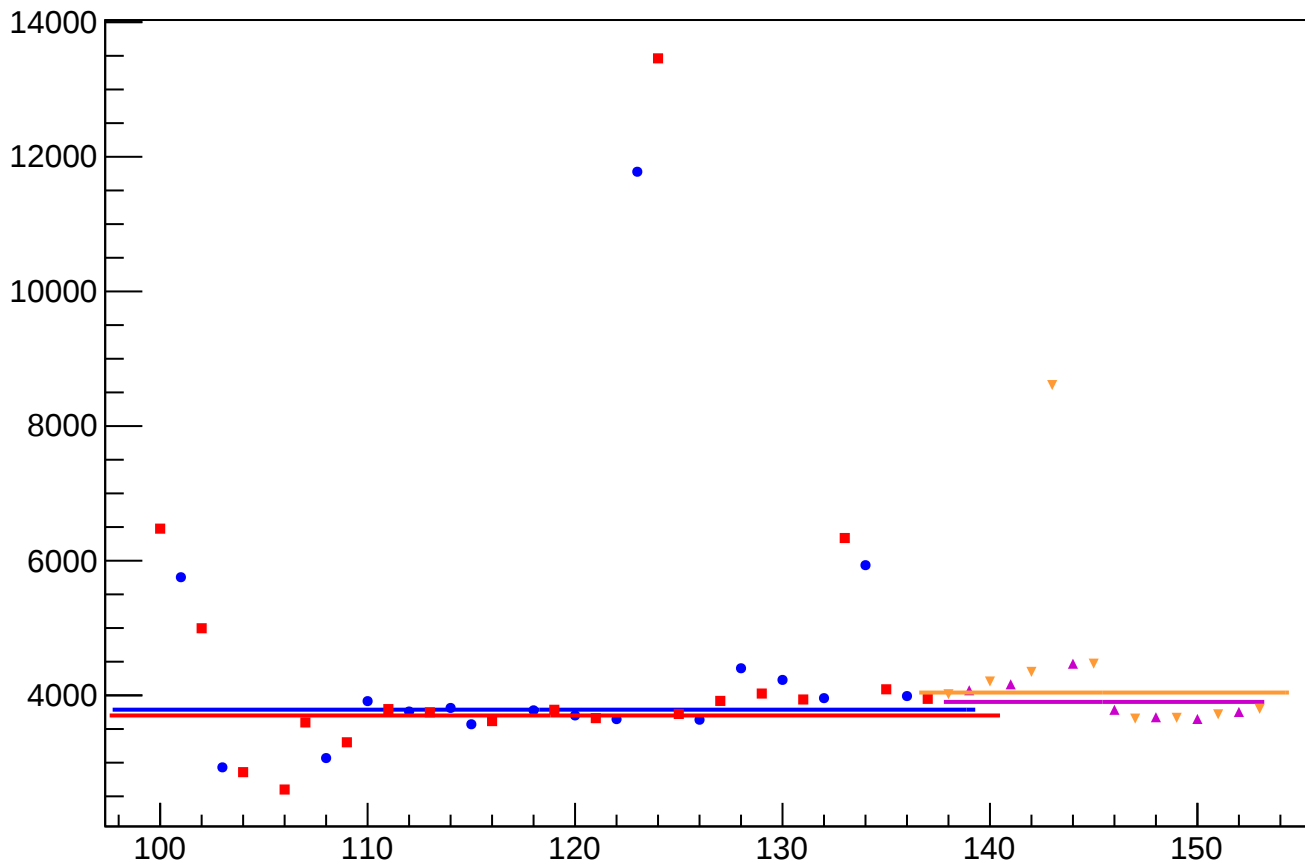
Right: -1619.192 ± 1036.406 χ^2/NDF : 25.5/35

In: -1474.126 ± 1098.777 χ^2/NDF : 21.5/23

Out: -170.717 ± 1068.997 χ^2/NDF : 18.0/27

All: -804.519 ± 766.207 χ^2/NDF : 40.2/51

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 4041.714+/-1.128 χ^2/NDF : 508491.8/8

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3902.419+/-1.148 χ^2/NDF : 55865.5/6

Left: 3973.241+/-0.805 χ^2/NDF : 571848.6/15

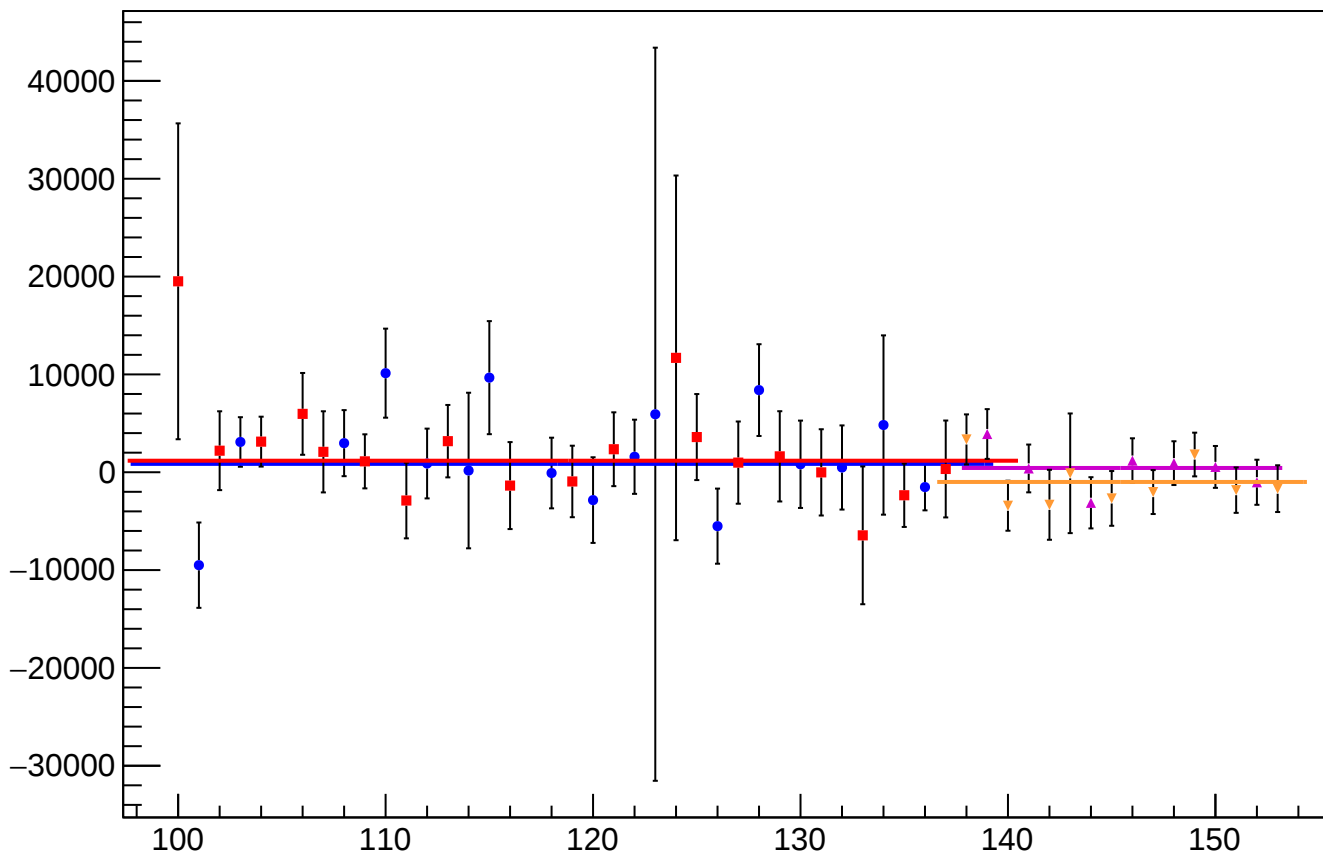
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3840.070+/-0.777 χ^2/NDF : 453966.6/23

Out: 3853.859+/-0.756 χ^2/NDF : 1139866.7/27

All: 3847.154+/-0.542 χ^2/NDF : 1593995.1/51

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -992.798 $\pm$ 877.703 χ^2 /NDF:6.6/8

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 436.622 $\pm$ 888.564 χ^2 /NDF:4.3/6

Left: -286.878 $\pm$ 624.434 χ^2 /NDF: 12.2/15

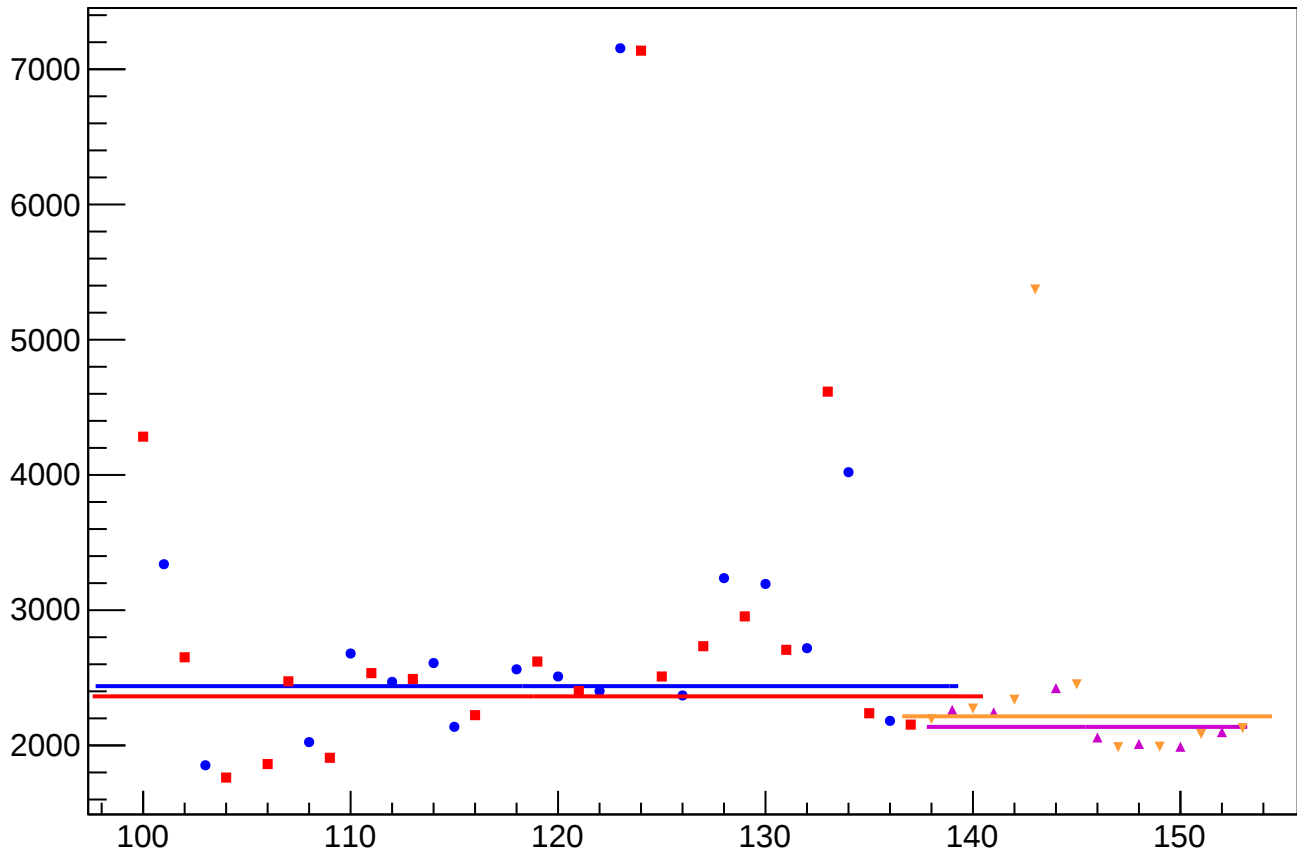
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 629.188 $\pm$ 653.584 χ^2 /NDF:25.0/23

Out: 34.923 $\pm$ 636.912 χ^2 /NDF:18.0/27

All: 324.379 $\pm$ 456.145 χ^2 /NDF: 43.5/51

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2215.196 ± 0.621 $\chi^2/\text{NDF}: 600411.9/8$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2136.951 ± 0.628 $\chi^2/\text{NDF}: 51513.0/6$

Left: 2176.555 ± 0.442 $\chi^2/\text{NDF}: 659774.6/15$

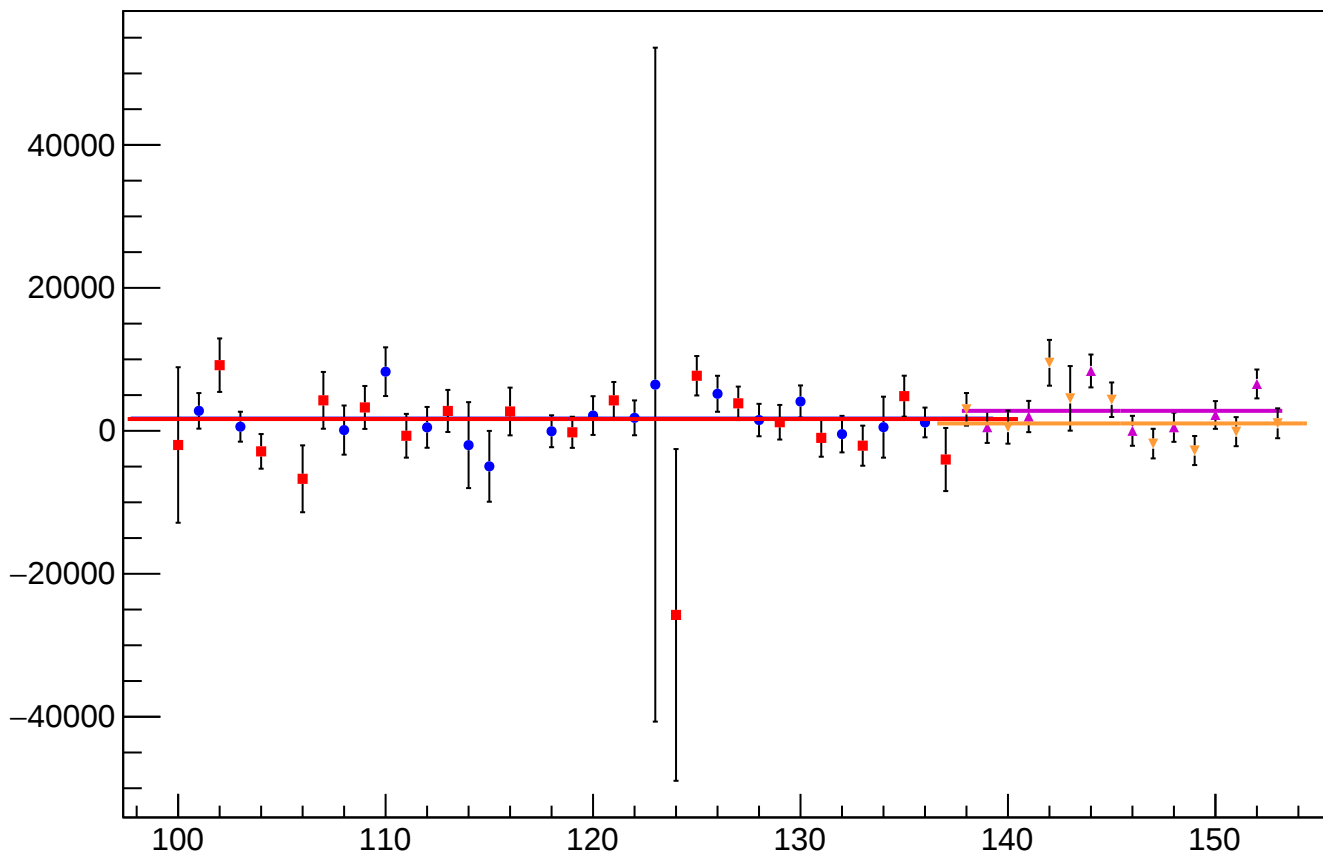
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2275.248 ± 0.462 $\chi^2/\text{NDF}: 633796.9/23$

Out: 2285.046 ± 0.450 $\chi^2/\text{NDF}: 1284693.2/27$

All: 2280.274 ± 0.323 $\chi^2/\text{NDF}: 1918720.7/51$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2/NDF : 11.4/16

Left Out: 1035.341 $\pm$ 780.063 χ^2/NDF : 16.0/8

Right Out: 1650.522 $\pm$ 694.283 χ^2/NDF : 27.0/18

Left In: 2798.185 $\pm$ 795.050 χ^2/NDF : 13.7/6

Left: 1899.991 $\pm$ 556.811 χ^2/NDF : 32.2/15

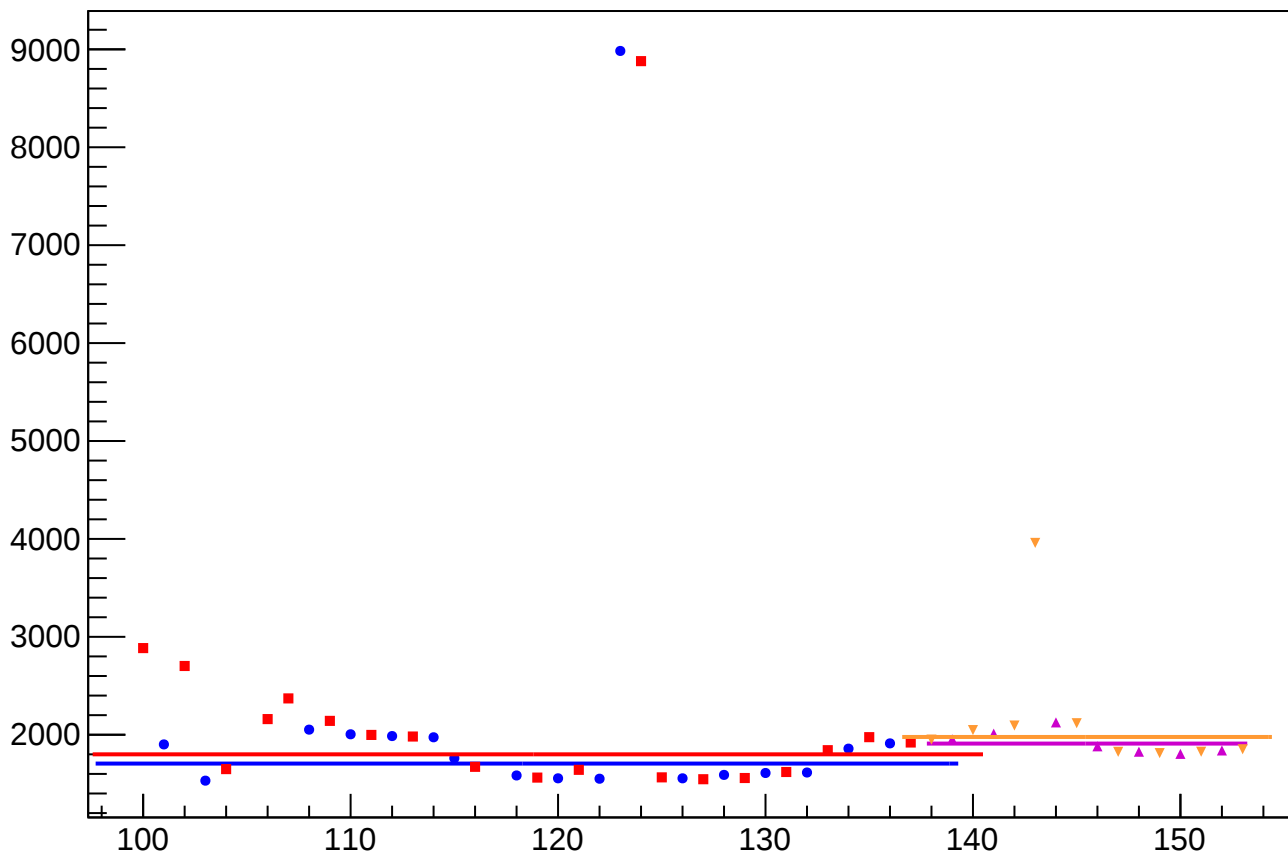
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2161.136 $\pm$ 511.059 χ^2/NDF : 26.2/23

Out: 1378.603 $\pm$ 518.618 χ^2/NDF : 43.3/27

All: 1775.614 $\pm$ 364.016 χ^2/NDF : 70.6/51

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 1977.306+/-0.552 χ^2/NDF : 438512.3/8

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 1909.744+/-0.562 χ^2/NDF : 34712.1/6

Left: 1944.168+/-0.394 χ^2/NDF : 480583.0/15

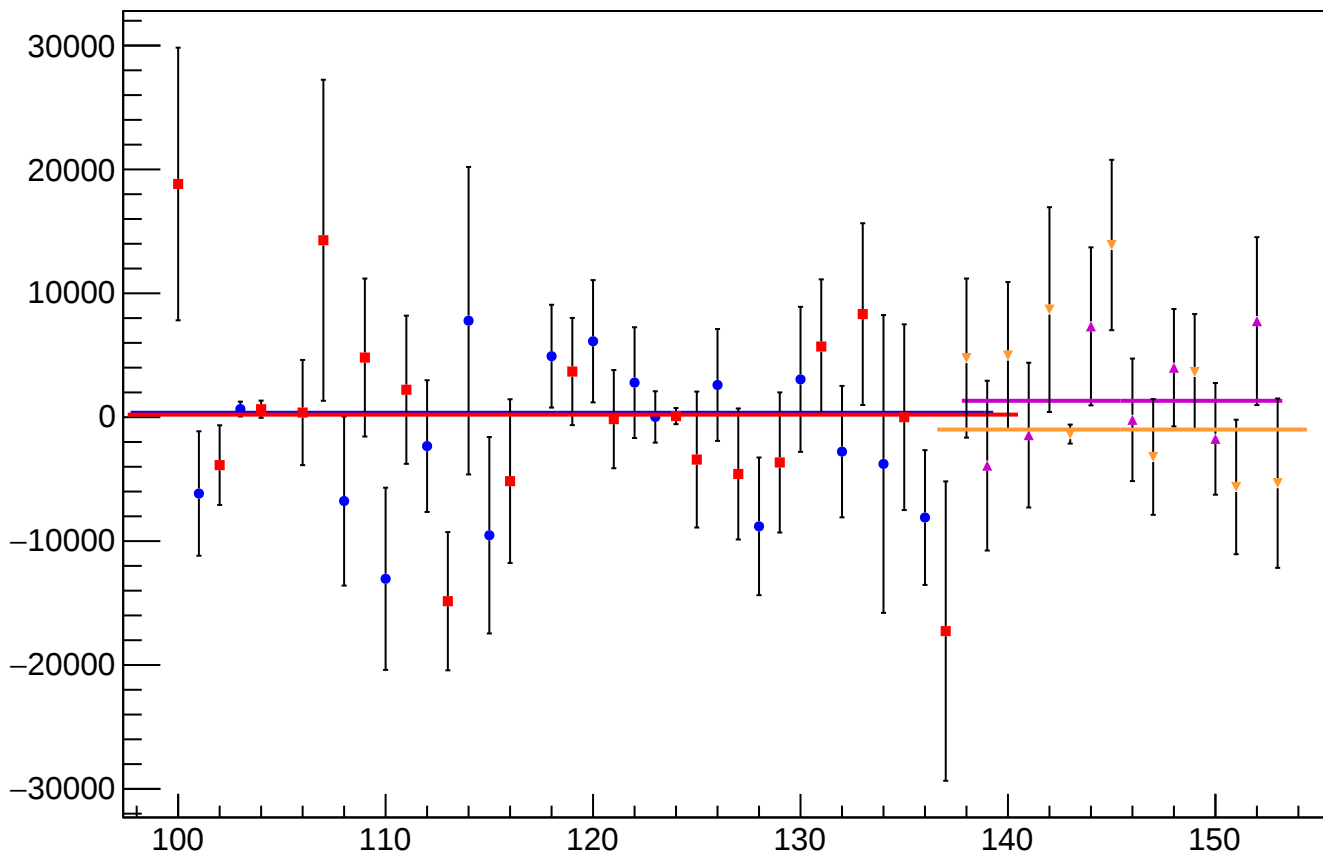
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1789.965+/-0.361 χ^2/NDF : 306245.1/23

Out: 1878.176+/-0.366 χ^2/NDF : 1035064.1/27

All: 1833.477+/-0.257 χ^2/NDF : 1370700.5/51

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -994.498+/-718.122 χ^2/NDF : 10.5/8

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

Left In: 1325.291+/-2077.988 χ^2/NDF : 3.5/6

Left: -747.005+/-678.735 χ^2/NDF : 15.0/15

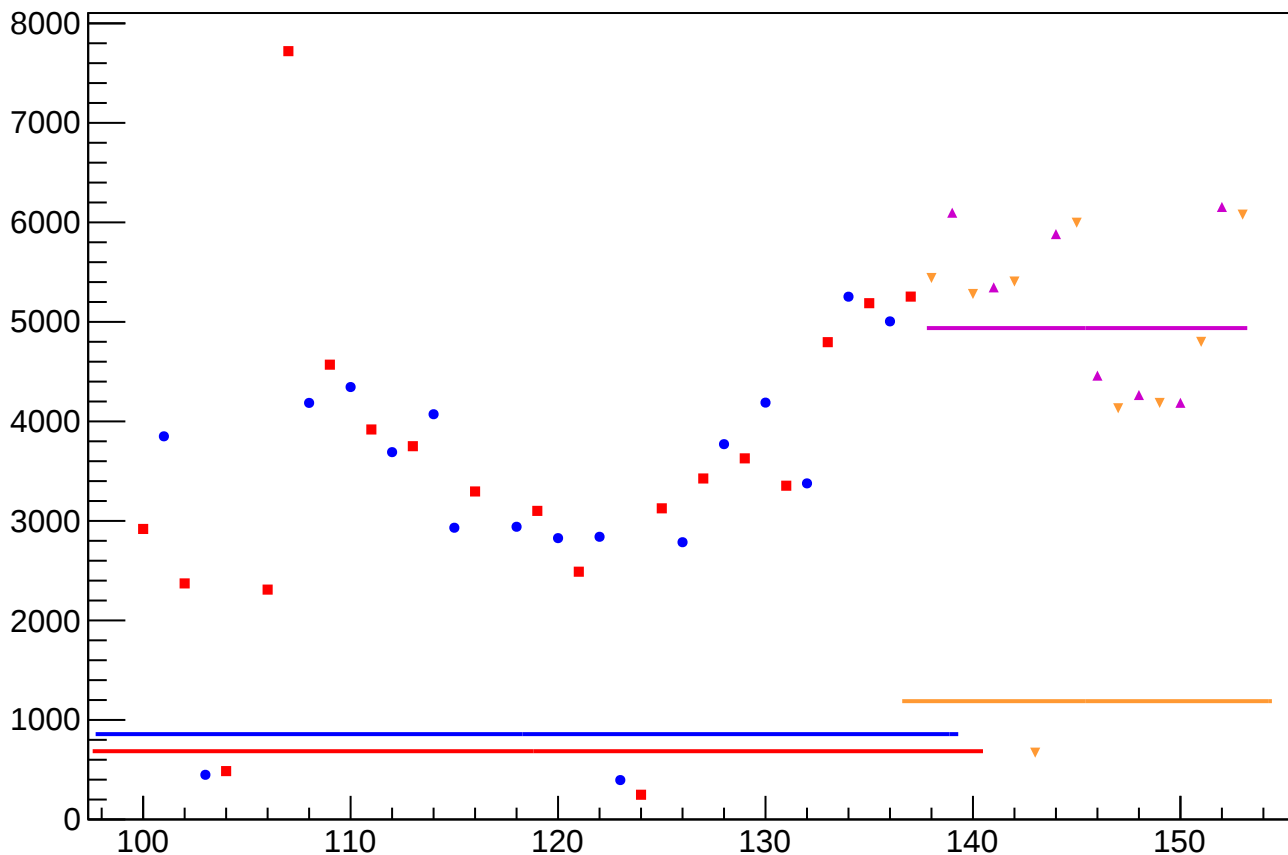
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 416.840+/-516.477 χ^2/NDF : 21.2/23

Out: -126.023+/-379.260 χ^2/NDF : 33.9/27

All: 64.154+/-305.693 χ^2/NDF : 55.8/51

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2/NDF : 8175260.6/16

Left Out: 1188.732 $\pm$ 0.508 χ^2/NDF : 7763144.1/8

Right Out: 685.800 $\pm$ 0.316 χ^2/NDF : 9461114.1/18

Left In: 4937.817 $\pm$ 1.469 χ^2/NDF : 289863.6/6

Left: 1588.713 $\pm$ 0.480 χ^2/NDF : 13868651.3/15

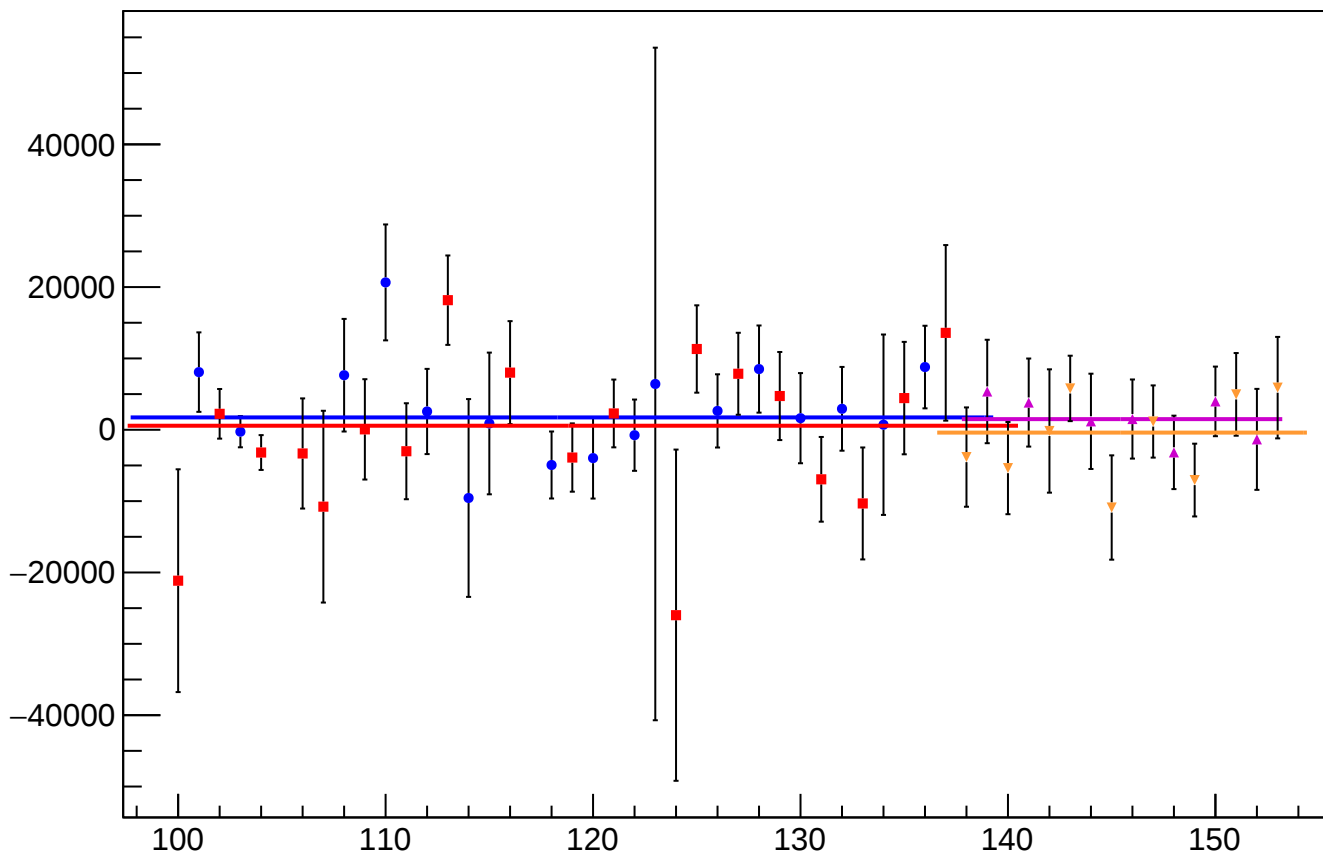
Right: 756.584 $\pm$ 0.242 χ^2/NDF : 17758209.4/35

In: 1109.537 $\pm$ 0.365 χ^2/NDF : 15700223.1/23

Out: 826.077 $\pm$ 0.268 χ^2/NDF : 17931609.3/27

All: 925.380 $\pm$ 0.216 χ^2/NDF : 34023220.7/51

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: -395.140+/-1994.584 χ^2/NDF : 8.2/8

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

Left In: 1493.182+/-2235.943 χ^2/NDF : 1.7/6

Left: 441.638+/-1488.429 χ^2/NDF : 10.2/15

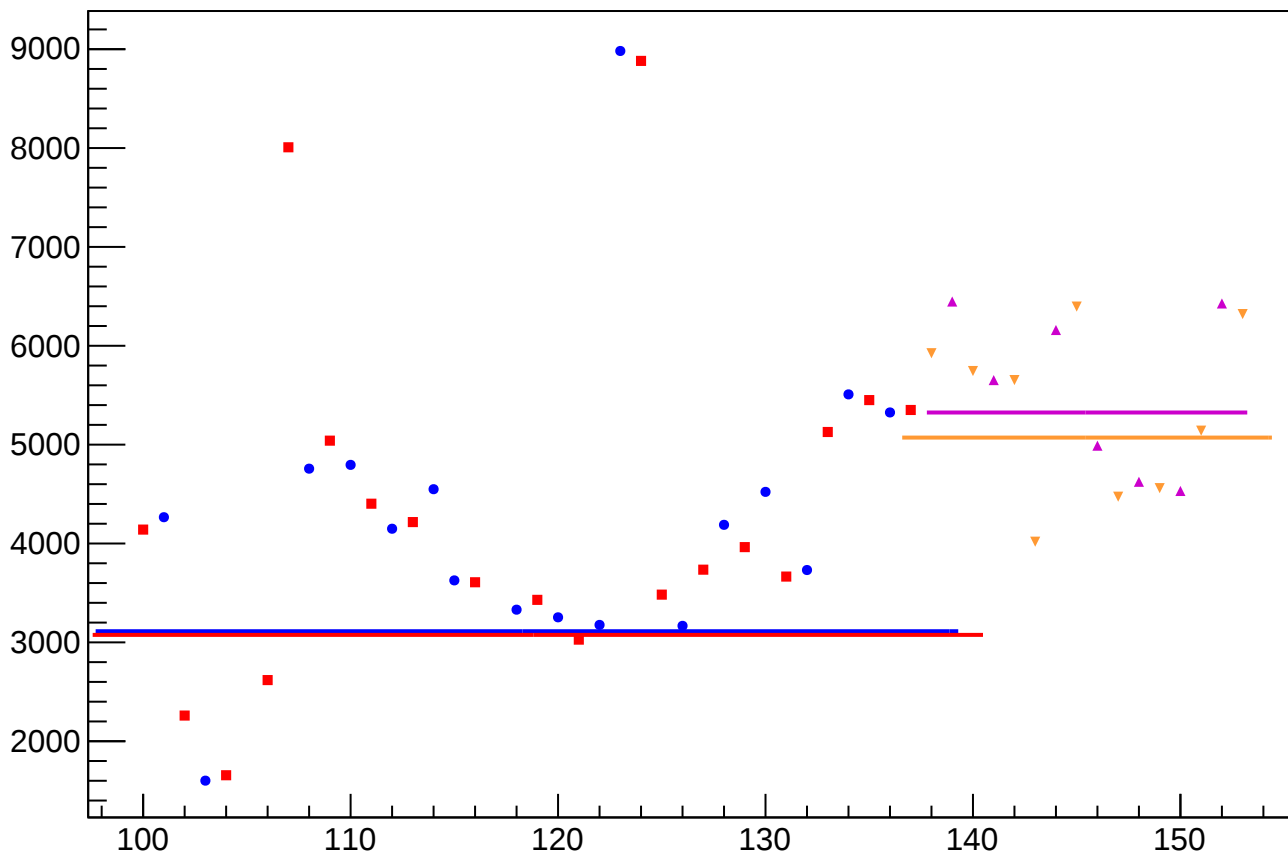
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1672.296+/-1126.824 χ^2/NDF : 16.6/23

Out: 284.445+/-1081.010 χ^2/NDF : 35.4/27

All: 949.584+/-780.083 χ^2/NDF : 52.8/51

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2/NDF : 1884511.8/16

Left Out: 5071.400 $\pm$ 1.410 χ^2/NDF : 342156.5/8

Right Out: 3075.702 $\pm$ 0.896 χ^2/NDF : 2011000.5/18

Left In: 5325.010 $\pm$ 1.581 χ^2/NDF : 230786.0/6

Left: 5183.783 $\pm$ 1.052 χ^2/NDF : 587270.7/15

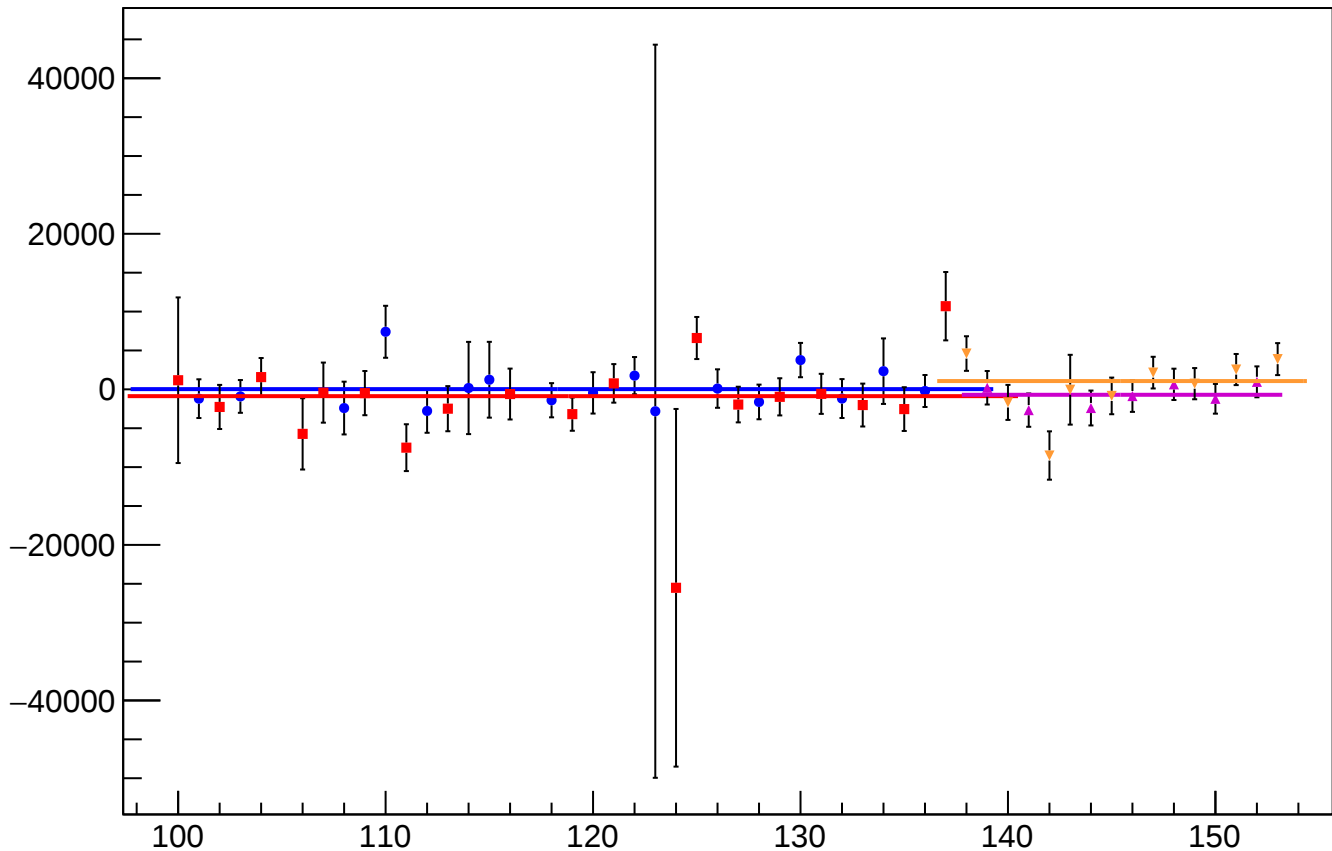
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

In: 3674.557 $\pm$ 0.797 χ^2/NDF : 3575995.6/23

Out: 3649.903 $\pm$ 0.757 χ^2/NDF : 3779310.1/27

All: 3661.591 $\pm$ 0.549 χ^2/NDF : 7355809.2/51

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102+/-658.403 χ^2/NDF : 11.8/16

Left Out: 1065.247+/-765.003 χ^2/NDF :17.0/8

Right Out: -874.470 ± 673.273 χ^2/NDF : 25.7/18

Left In: -699.463+/-779.160 χ^2/NDF :2.8/6

Left: 199.070 ± 545.875 χ^2/NDF : 22.4/15

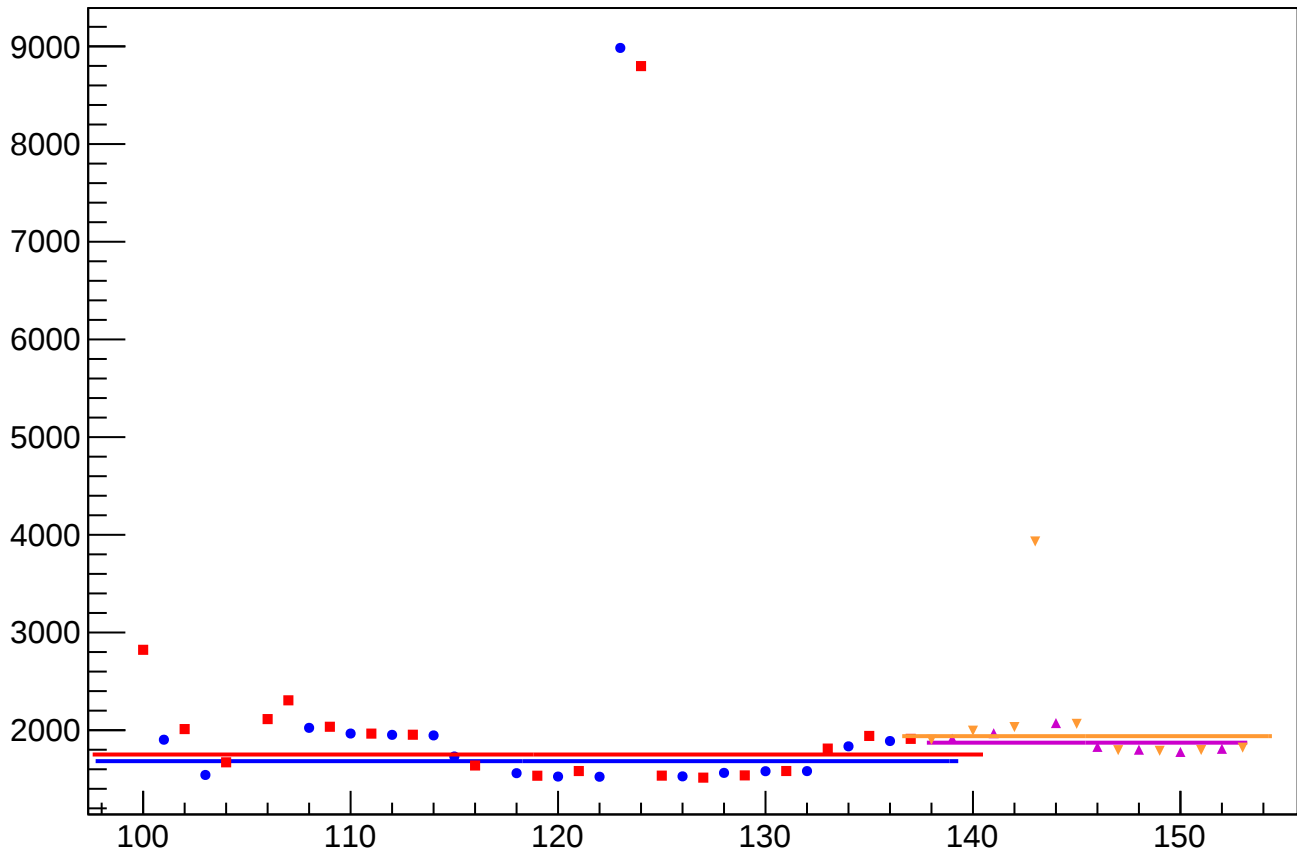
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -274.409+/-502.898 χ^2 /NDF:15.2/23

Out: -27.820+/-505.412 χ^2/NDF :46.2/27

All: -151.730 ± 356.488 χ^2/NDF : 61.5/51

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1938.925+/-0.541 χ^2/NDF : 441514.2/8

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1872.207+/-0.551 χ^2/NDF : 31163.9/6

Left: 1906.177+/-0.386 χ^2/NDF : 480144.8/15

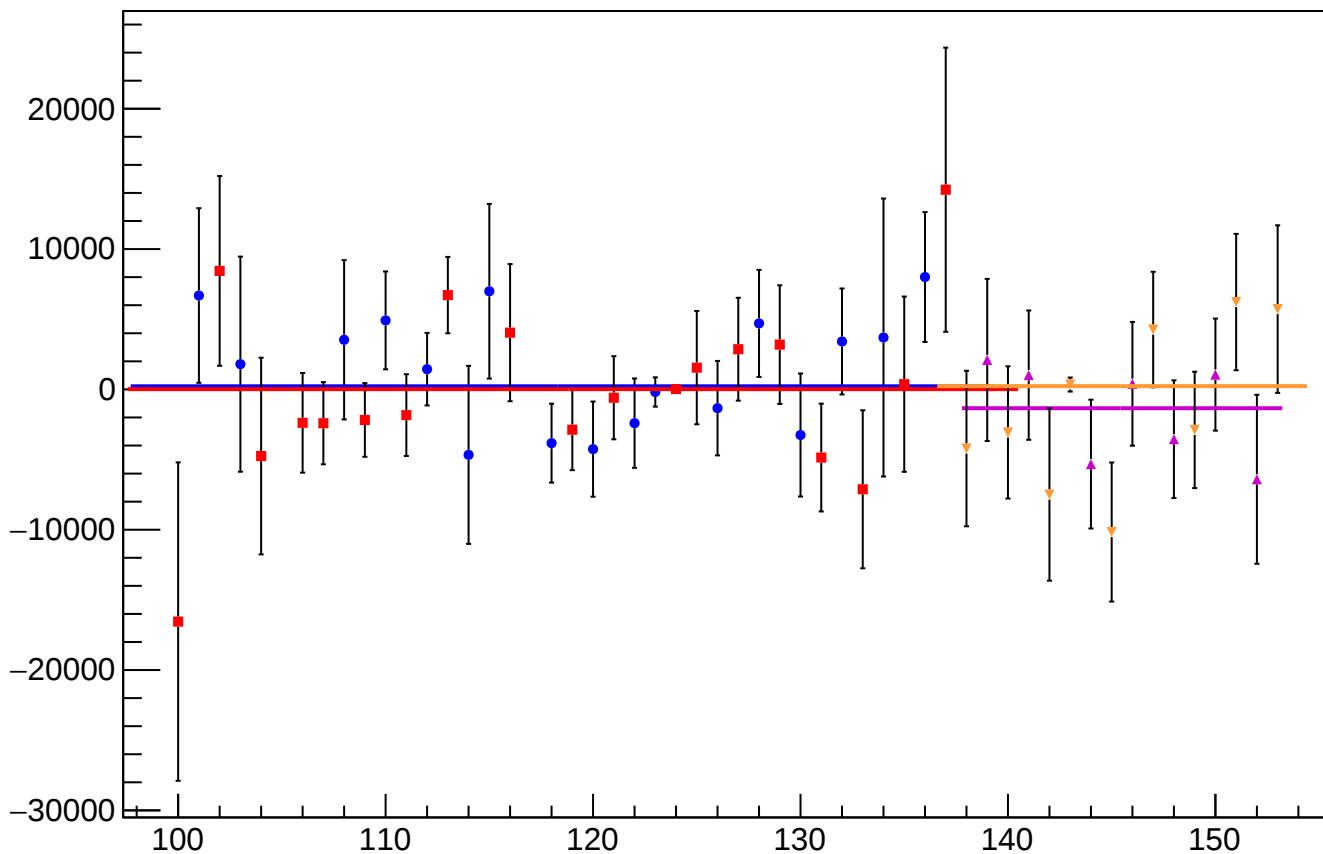
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1761.893+/-0.356 χ^2/NDF : 295736.6/23

Out: 1832.871+/-0.357 χ^2/NDF : 936663.9/27

All: 1797.249+/-0.252 χ^2/NDF : 1252245.4/51

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2 /NDF: 15.8/16

Left Out: 233.534 $\pm$ 479.800 χ^2 /NDF:11.1/8

Right Out: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

Left In: -1341.282 $\pm$ 1759.034 χ^2 /NDF:2.9/6

Left: 124.481 $\pm$ 462.889 χ^2 /NDF: 14.7/15

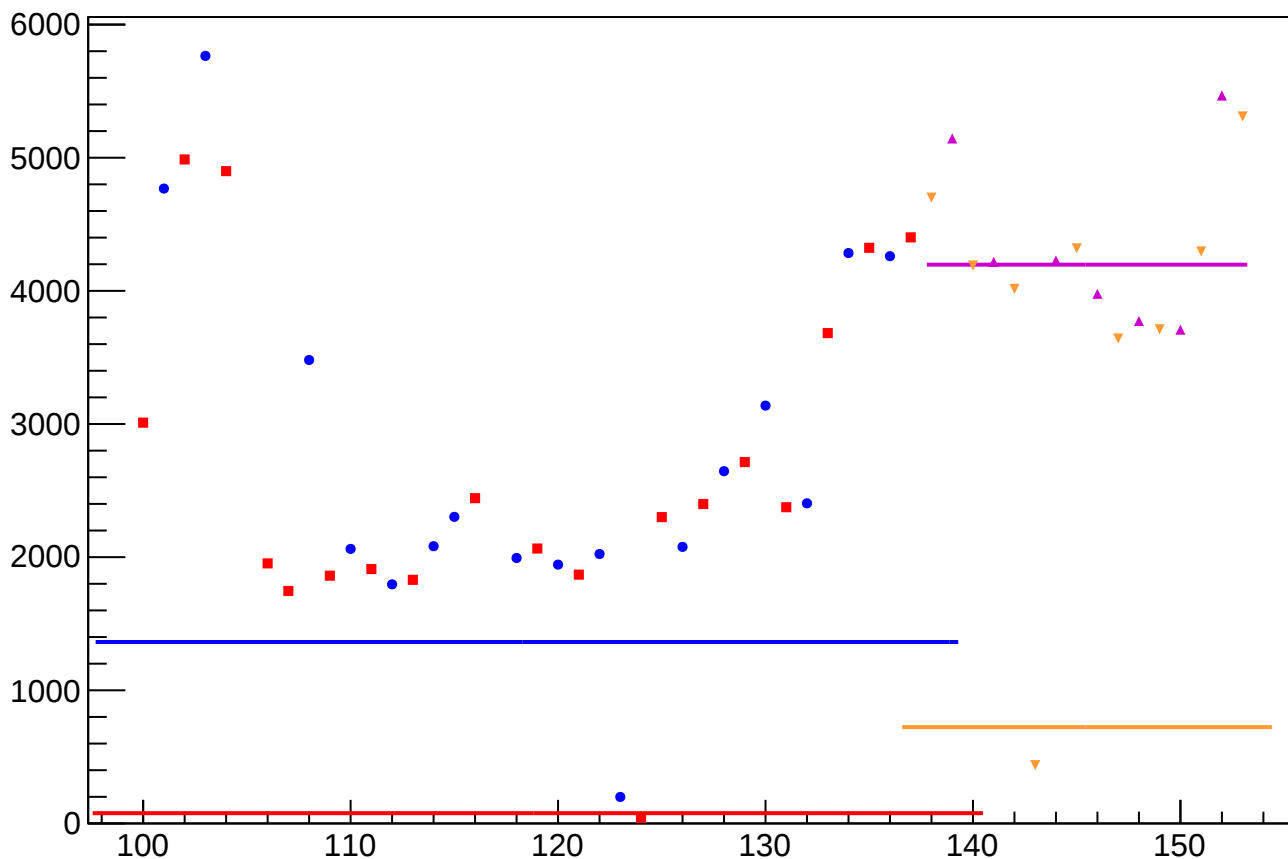
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: -4.693 $\pm$ 667.067 χ^2 /NDF:19.4/23

Out: 31.689 $\pm$ 111.032 χ^2 /NDF:32.0/27

All: 30.708 $\pm$ 109.525 χ^2 /NDF: 51.3/51

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 723.440 $\pm$ 0.339 χ^2 /NDF: 8699858.6/8

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4196.844 $\pm$ 1.244 χ^2 /NDF: 198255.5/6

Left: 963.966 $\pm$ 0.327 χ^2 /NDF: 16156272.3/15

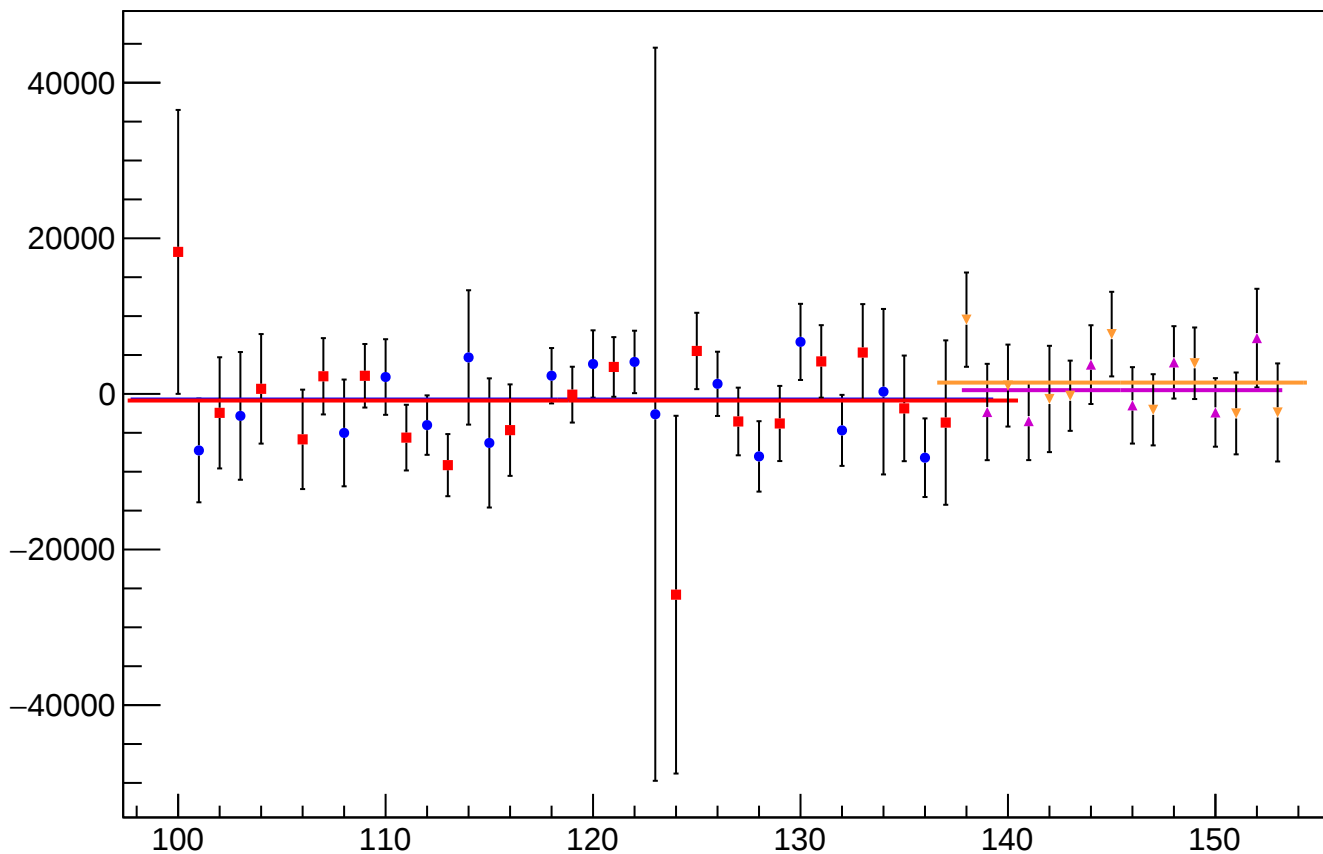
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1770.401 $\pm$ 0.472 χ^2 /NDF: 10878901.5/23

Out: 111.740 $\pm$ 0.079 χ^2 /NDF: 25382626.1/27

All: 156.454 $\pm$ 0.077 χ^2 /NDF: 48293545.7/51

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: 1454.770+/-1756.902 χ^2/NDF : 5.2/8

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

Left In: 481.330+/-1928.279 χ^2/NDF : 3.5/6

Left: 1013.222+/-1298.687 χ^2/NDF : 8.8/15

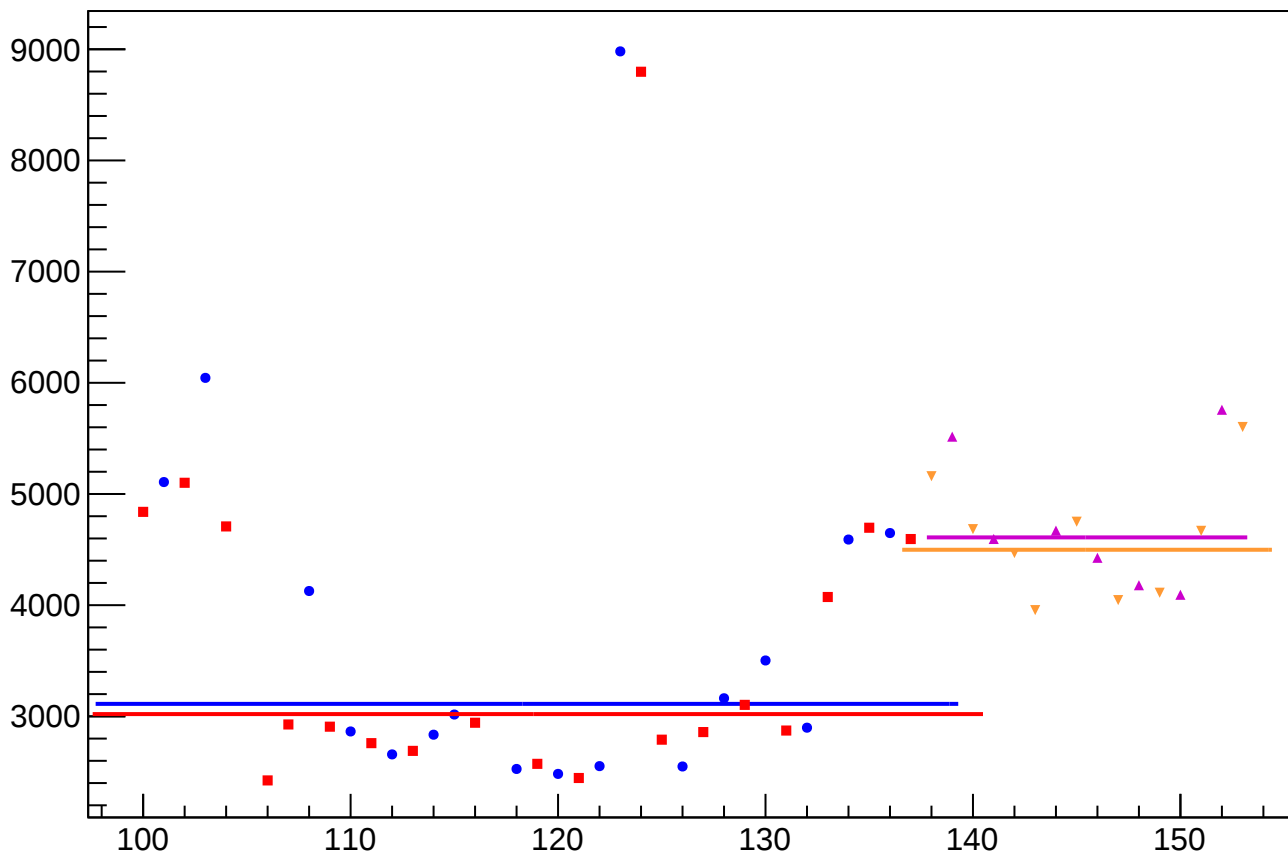
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -364.578+/-1050.381 χ^2/NDF : 18.6/23

Out: -123.467+/-986.346 χ^2/NDF : 22.3/27

All: -236.450+/-719.025 χ^2/NDF : 40.9/51

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2/NDF : 958497.7/16

Left Out: 4498.377 $\pm$ 1.242 χ^2/NDF : 156786.5/8

Right Out: 3020.363 $\pm$ 0.832 χ^2/NDF : 794218.3/18

Left In: 4609.563 $\pm$ 1.363 χ^2/NDF : 156085.5/6

Left: 4548.810 $\pm$ 0.918 χ^2/NDF : 316505.4/15

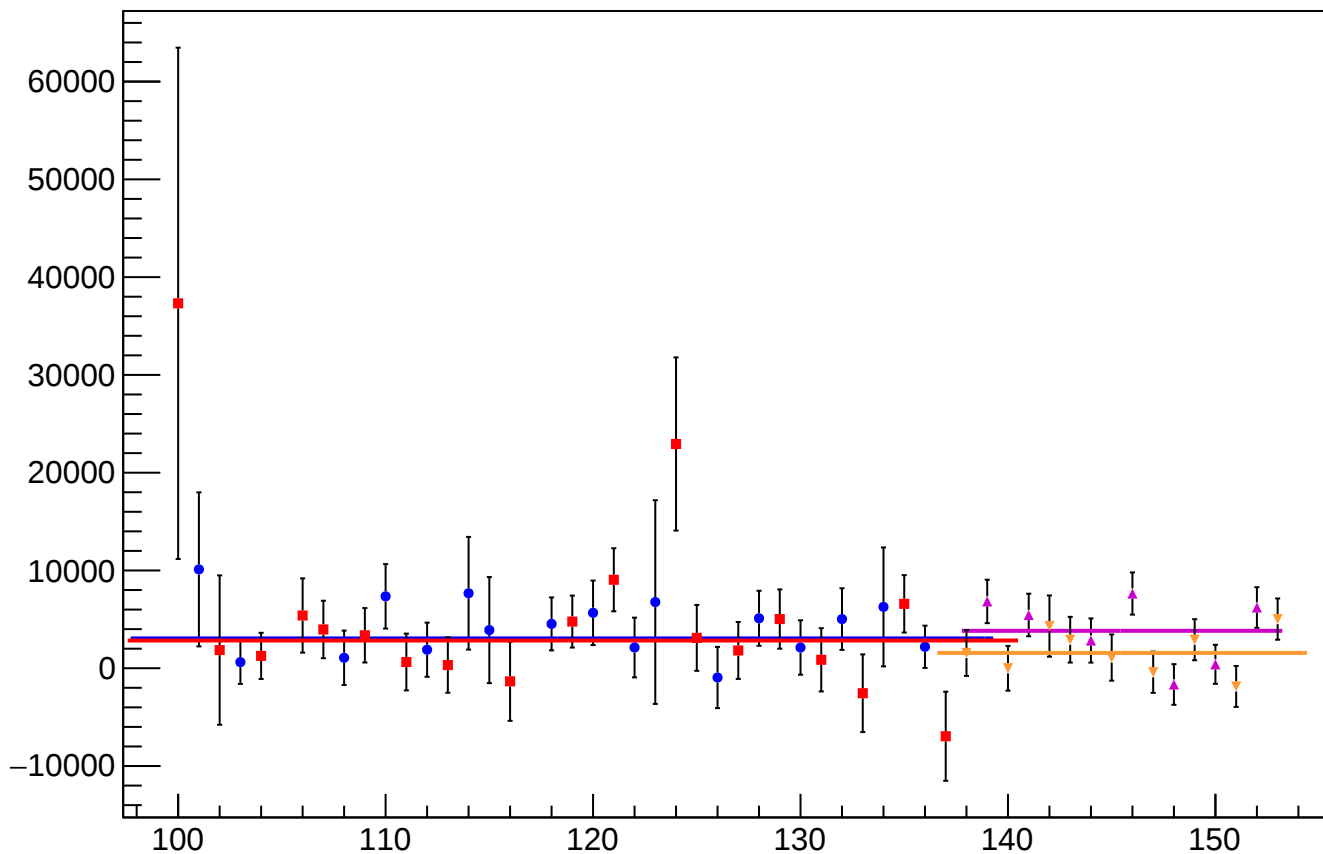
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3556.524 $\pm$ 0.743 χ^2/NDF : 1962693.8/23

Out: 3478.240 $\pm$ 0.691 χ^2/NDF : 1927953.8/27

All: 3514.587 $\pm$ 0.506 χ^2/NDF : 3896599.0/51

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 1567.074 $\pm$ 757.958 χ^2/NDF : 8.3/8

Right Out: 2838.725 $\pm$ 765.884 χ^2/NDF : 23.8/18

Left In: 3826.903 $\pm$ 805.728 χ^2/NDF : 17.0/6

Left: 2628.015 $\pm$ 552.073 χ^2/NDF : 29.4/15

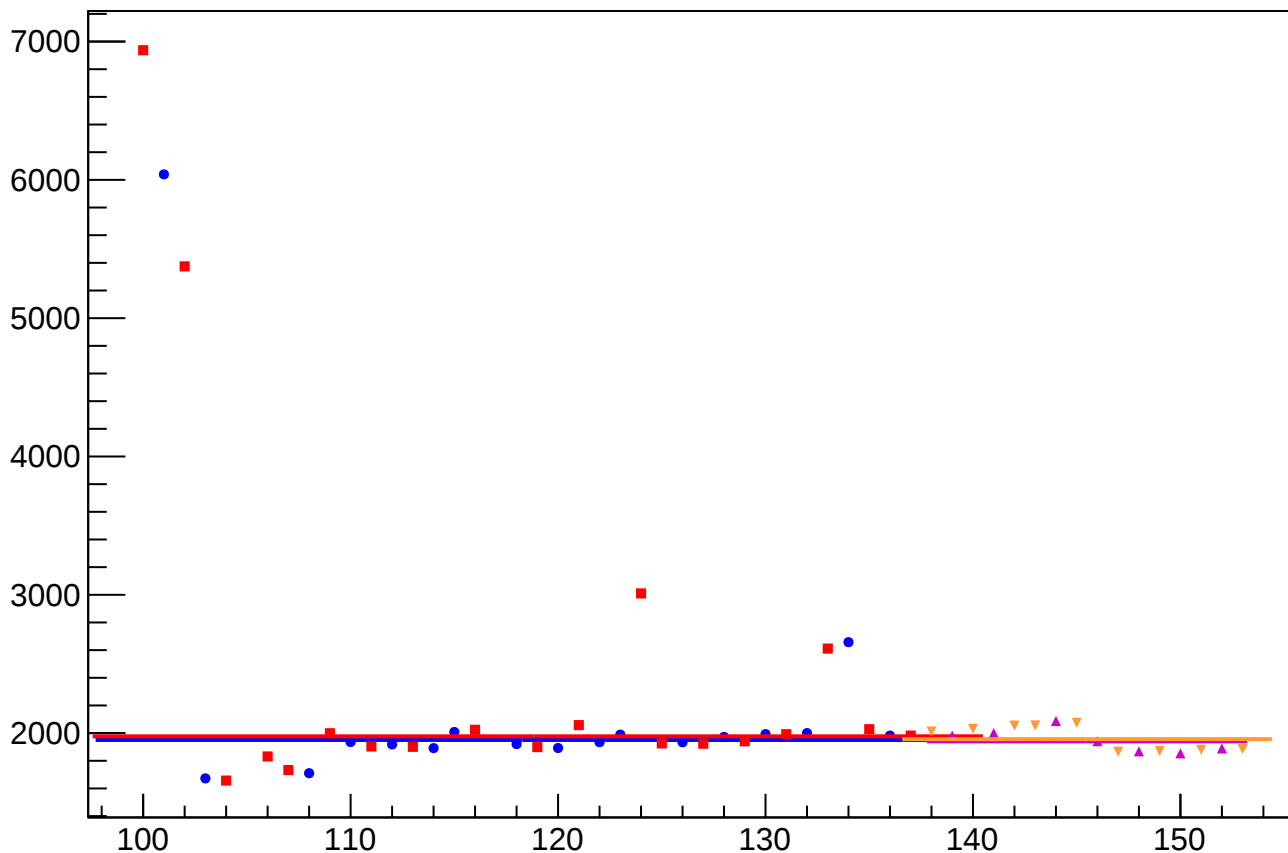
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3421.534 $\pm$ 557.549 χ^2/NDF : 26.7/23

Out: 2196.285 $\pm$ 538.738 χ^2/NDF : 33.4/27

All: 2787.891 $\pm$ 387.425 χ^2/NDF : 62.7/51

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1956.340+/-0.536 χ^2/NDF : 25880.5/8

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

Left In: 1940.400+/-0.570 χ^2/NDF : 18168.8/6

Left: 1948.856+/-0.390 χ^2/NDF : 44464.6/15

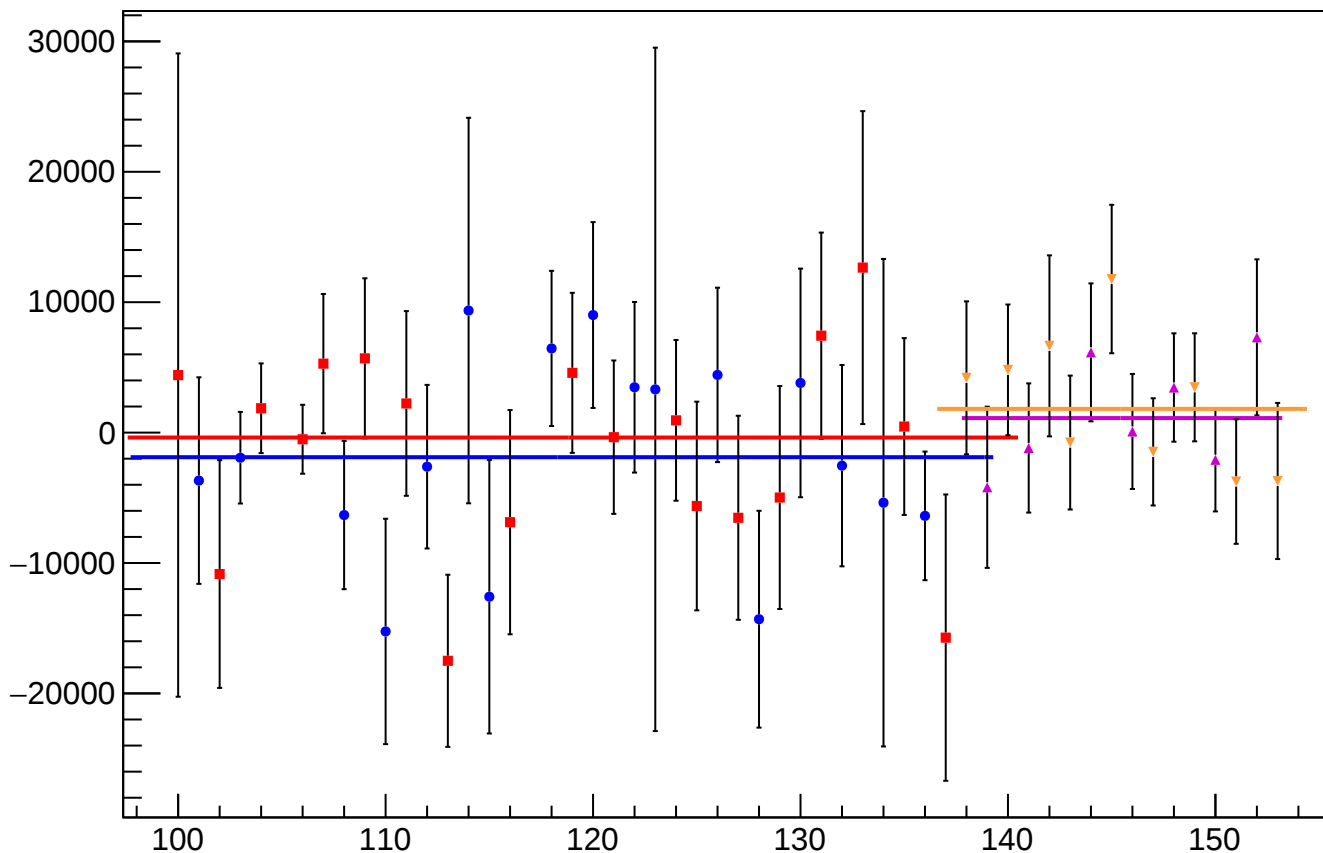
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1945.763+/-0.394 χ^2/NDF : 633504.2/23

Out: 1966.559+/-0.381 χ^2/NDF : 634321.2/27

All: 1956.521+/-0.274 χ^2/NDF : 1269264.6/51

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 1820.193+/-1695.940 χ^2/NDF : 7.3/8

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 1113.705+/-1814.693 χ^2/NDF : 4.0/6

Left: 1490.819+/-1239.067 χ^2/NDF : 11.4/15

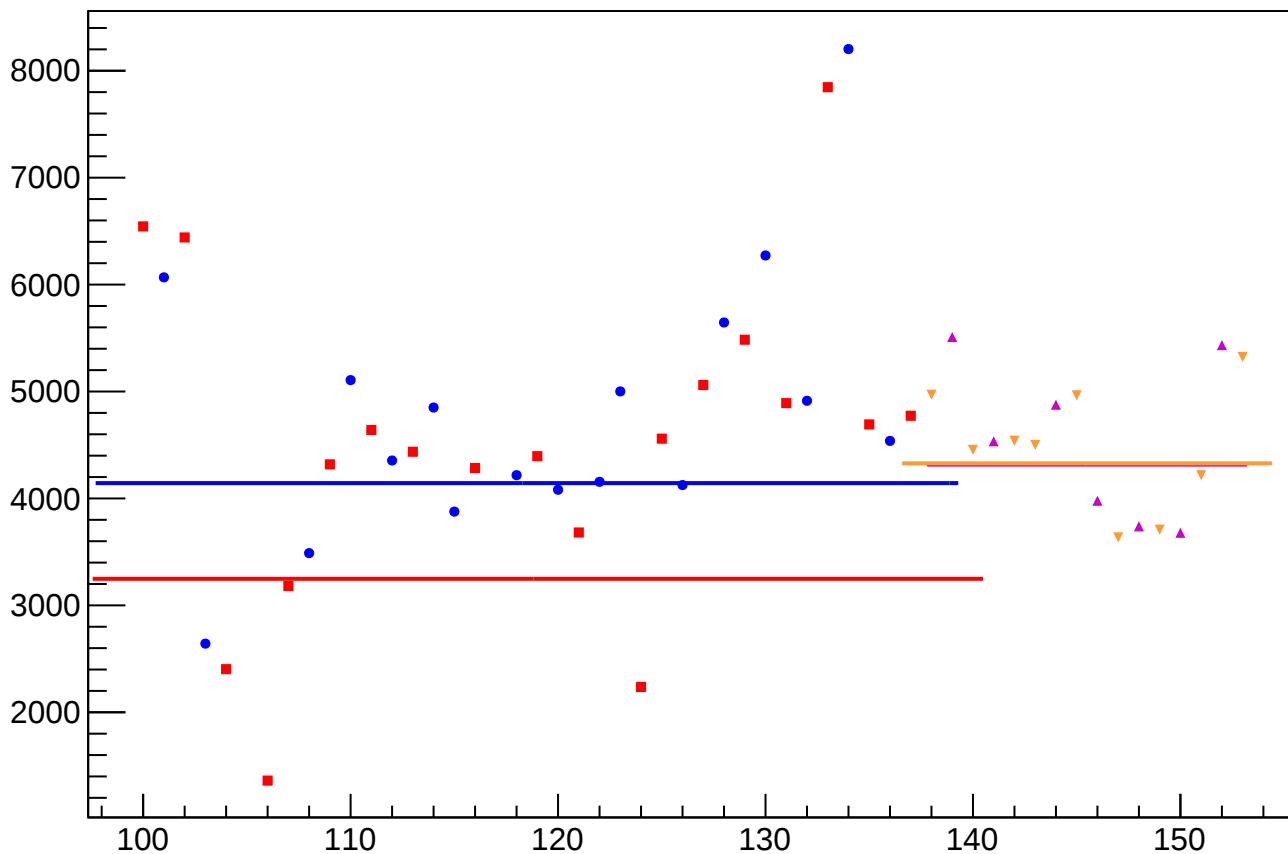
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -520.852+/-1224.029 χ^2/NDF : 19.6/23

Out: 482.731+/-1060.807 χ^2/NDF : 26.0/27

All: 52.268+/-801.646 χ^2/NDF : 45.9/51

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4328.330+/-1.199 χ^2/NDF : 212185.8/8

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4316.174+/-1.283 χ^2/NDF : 272747.2/6

Left: 4322.662+/-0.876 χ^2/NDF : 484980.9/15

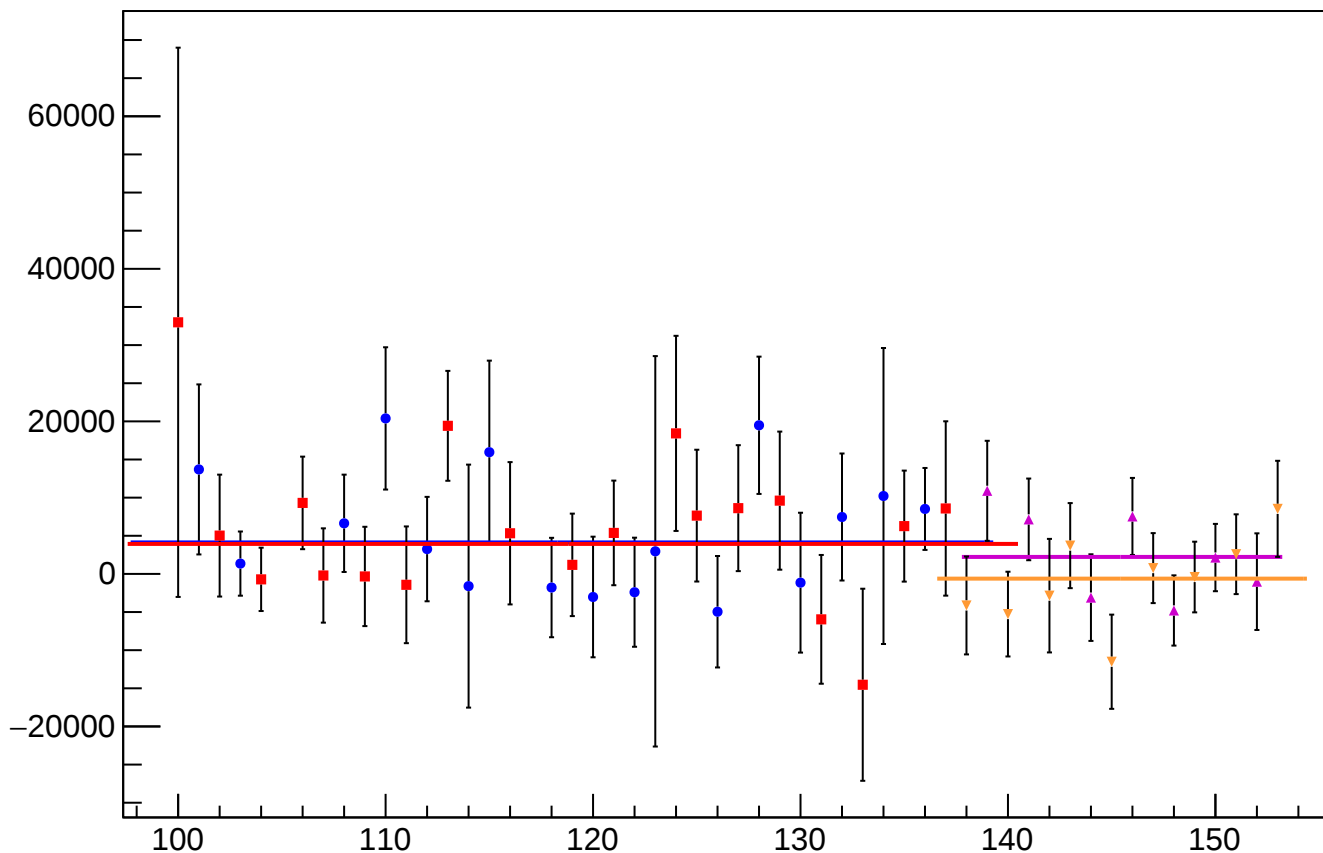
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4222.049+/-0.866 χ^2/NDF : 1138591.9/23

Out: 3671.062+/-0.750 χ^2/NDF : 3323420.9/27

All: 3907.395+/-0.567 χ^2/NDF : 4693443.6/51

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: -619.036+/-1860.509 χ^2/NDF : 7.4/8

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 2227.293+/-1992.962 χ^2/NDF : 7.2/6

Left: 706.409+/-1359.995 χ^2/NDF : 15.6/15

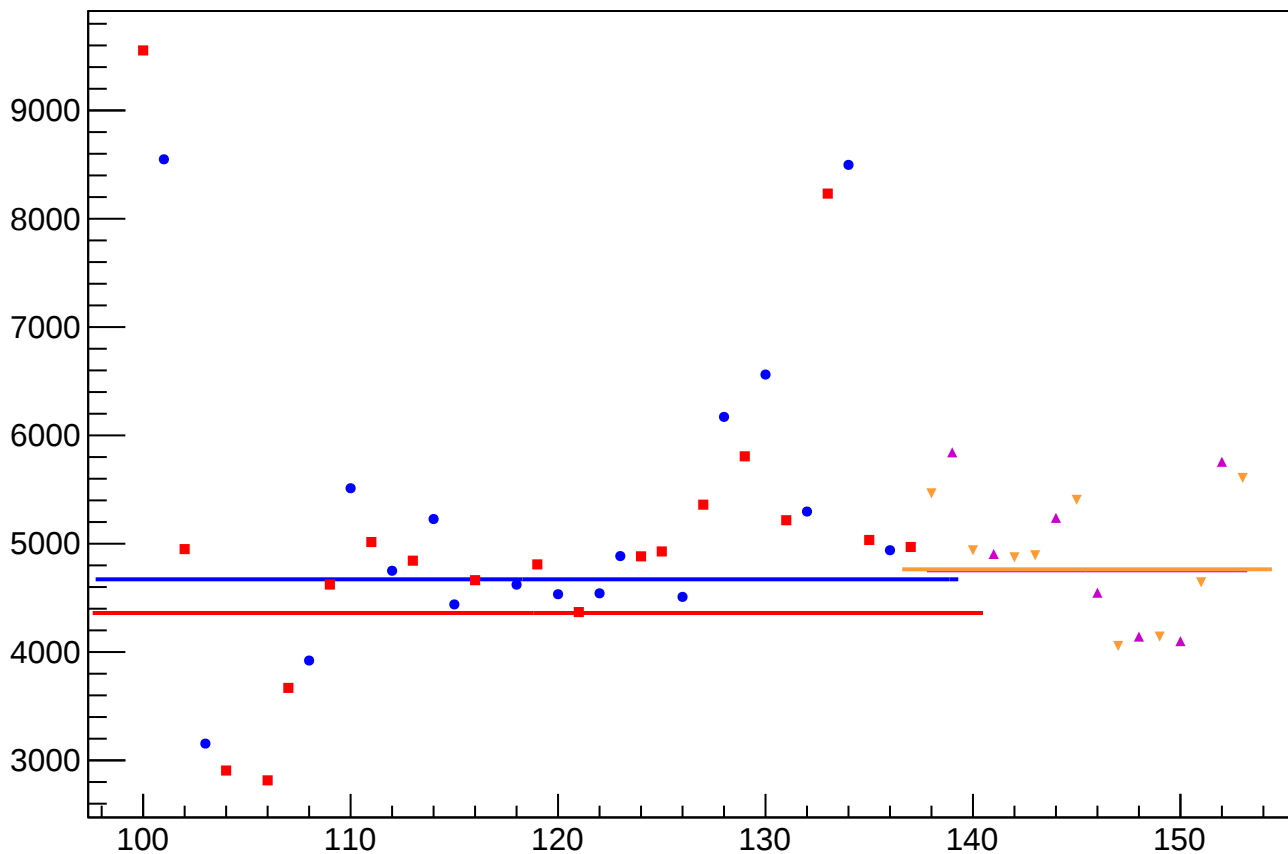
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 3240.874+/-1360.991 χ^2/NDF : 21.3/23

Out: 1828.307+/-1265.152 χ^2/NDF : 25.5/27

All: 2483.109+/-926.628 χ^2/NDF : 47.4/51

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 4763.703+/-1.316 χ^2/NDF : 169368.0/8

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 4754.836+/-1.409 χ^2/NDF : 203921.8/6

Left: 4759.574+/-0.962 χ^2/NDF : 373310.9/15

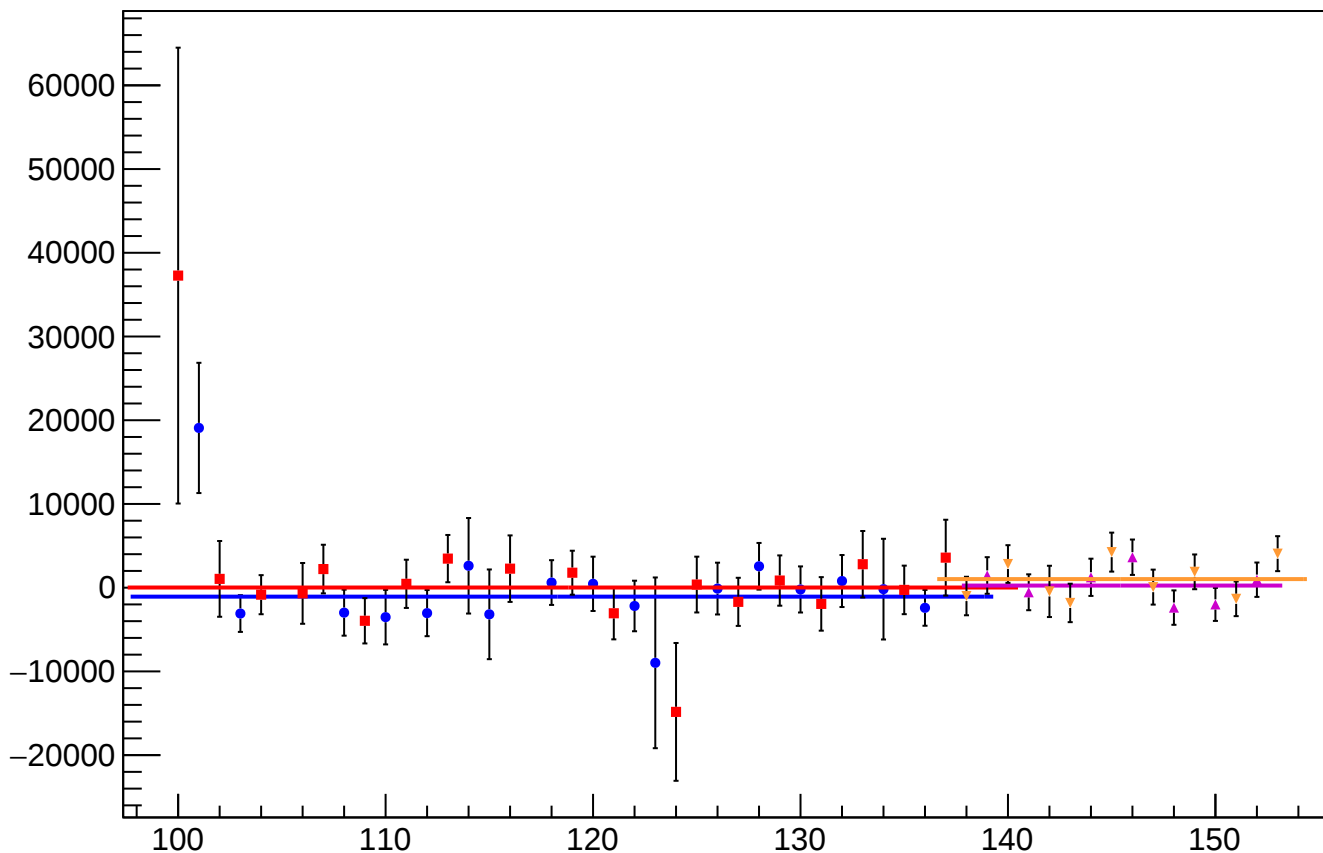
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4710.267+/-0.962 χ^2/NDF : 991908.0/23

Out: 4545.799+/-0.892 χ^2/NDF : 1054251.4/27

All: 4621.784+/-0.654 χ^2/NDF : 2061872.6/51

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 1025.500 $\pm$ 747.004 χ^2 /NDF: 8.9/8

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: 252.884 $\pm$ 794.490 χ^2 /NDF: 6.3/6

Left: 662.970 $\pm$ 544.225 χ^2 /NDF: 15.7/15

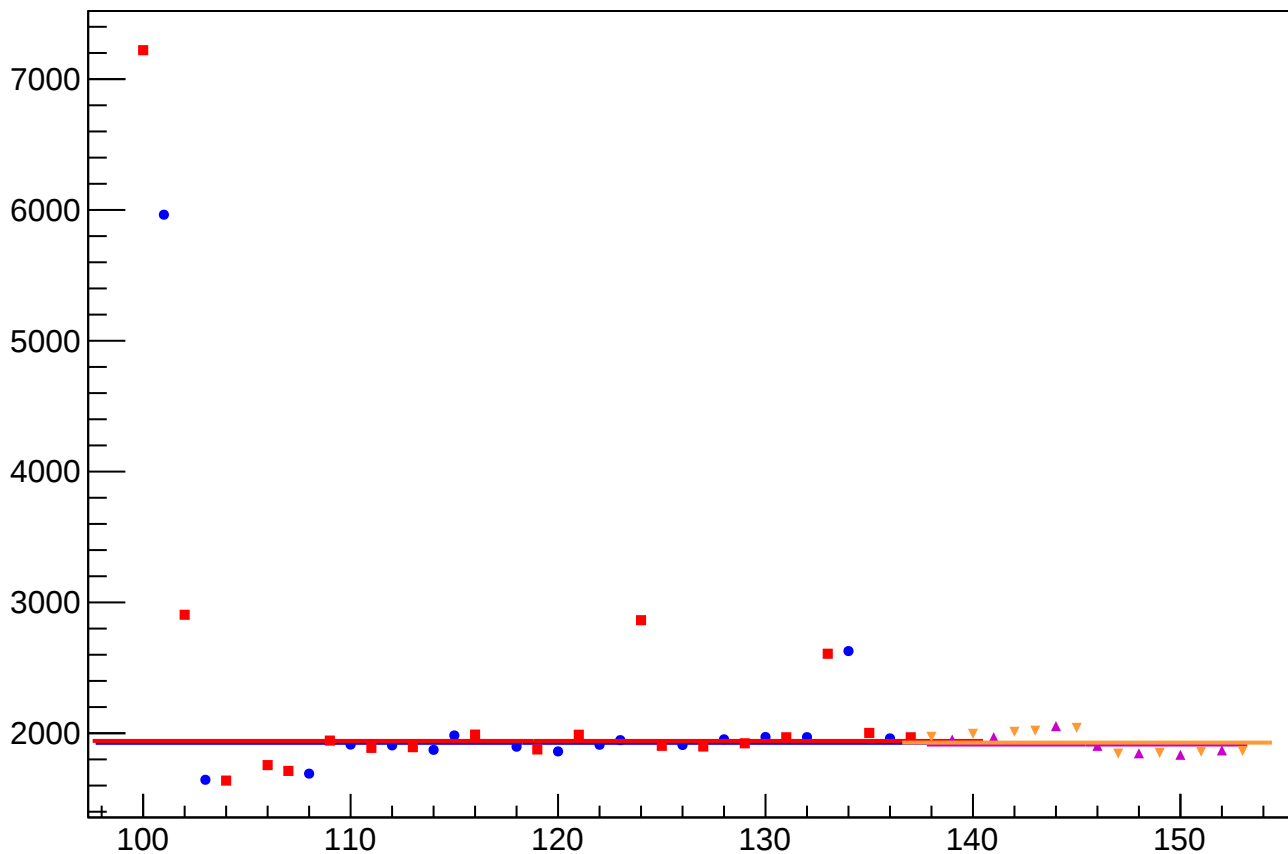
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -435.971 $\pm$ 550.307 χ^2 /NDF: 21.4/23

Out: 522.904 $\pm$ 528.496 χ^2 /NDF: 23.1/27

All: 62.844 $\pm$ 381.181 χ^2 /NDF: 46.1/51

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890+/-0.540 χ^2/NDF : 617116.3/16

Left Out: 1928.381+/-0.528 χ^2/NDF : 22060.7/8

Right Out: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

Left In: 1913.642+/-0.562 χ^2/NDF : 16296.5/6

Left: 1921.465+/-0.385 χ^2/NDF : 38722.6/15

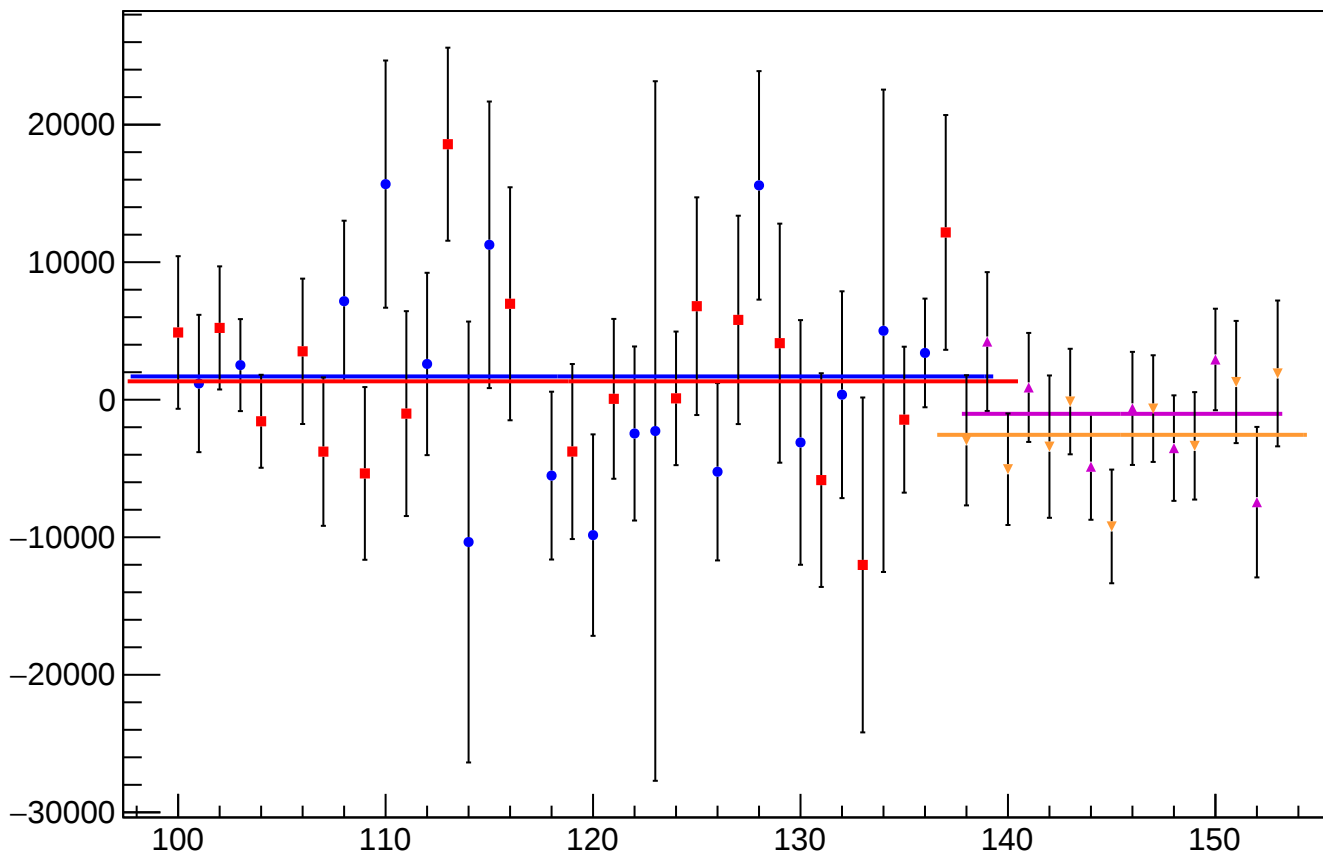
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1920.534+/-0.389 χ^2/NDF : 633702.1/23

Out: 1934.819+/-0.374 χ^2/NDF : 326725.3/27

All: 1927.968+/-0.269 χ^2/NDF : 961128.6/51

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -2552.054+/-1432.030 χ^2/NDF : 5.2/8

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -1025.685+/-1573.301 χ^2/NDF : 5.3/6

Left: -1860.461+/-1059.028 χ^2/NDF : 10.9/15

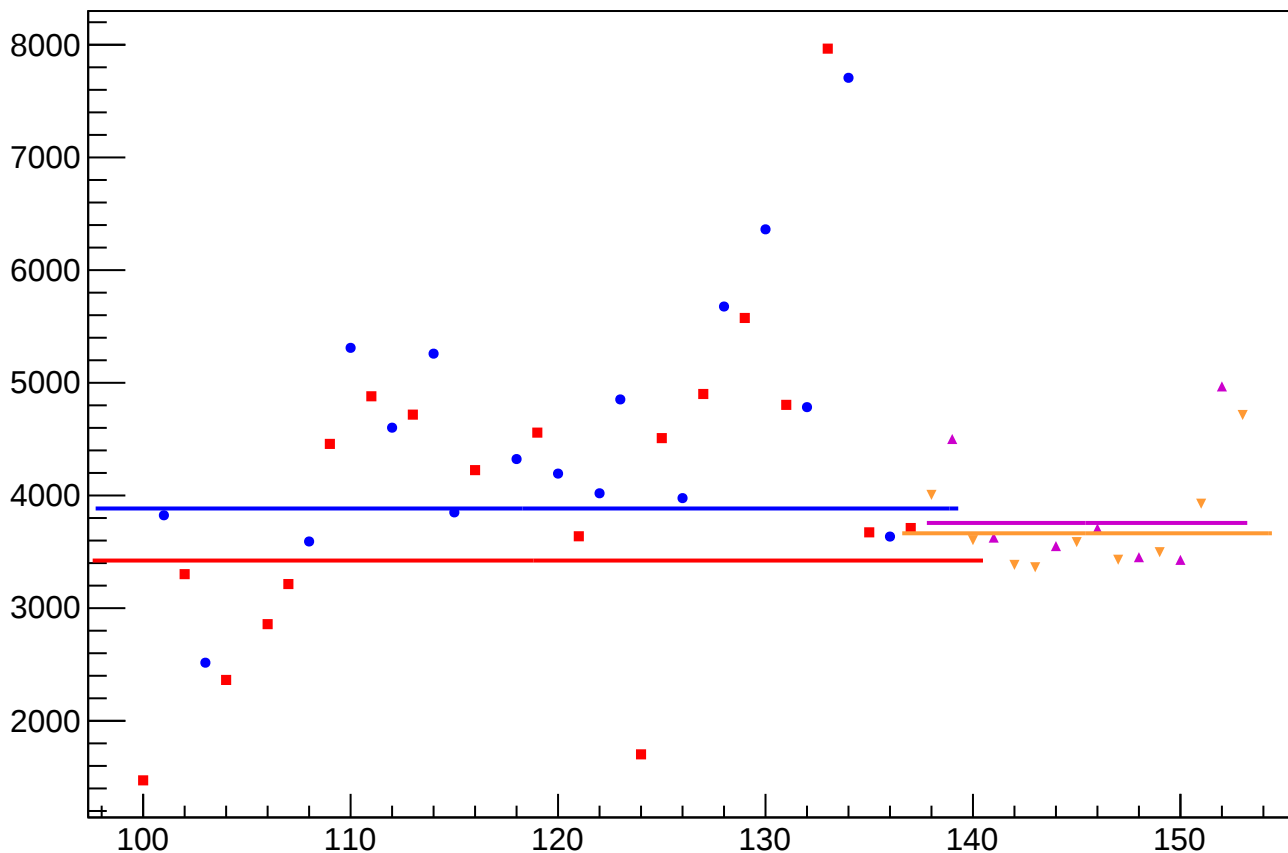
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 352.728+/-1104.863 χ^2/NDF : 20.4/23

Out: -519.453+/-989.563 χ^2/NDF : 25.3/27

All: -131.232+/-737.131 χ^2/NDF : 46.1/51

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 3664.498 $\pm$ 1.013 χ^2 /NDF:126224.4/8

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 3756.339 $\pm$ 1.112 χ^2 /NDF:178091.7/6

Left: 3706.111 $\pm$ 0.749 χ^2 /NDF: 308043.3/15

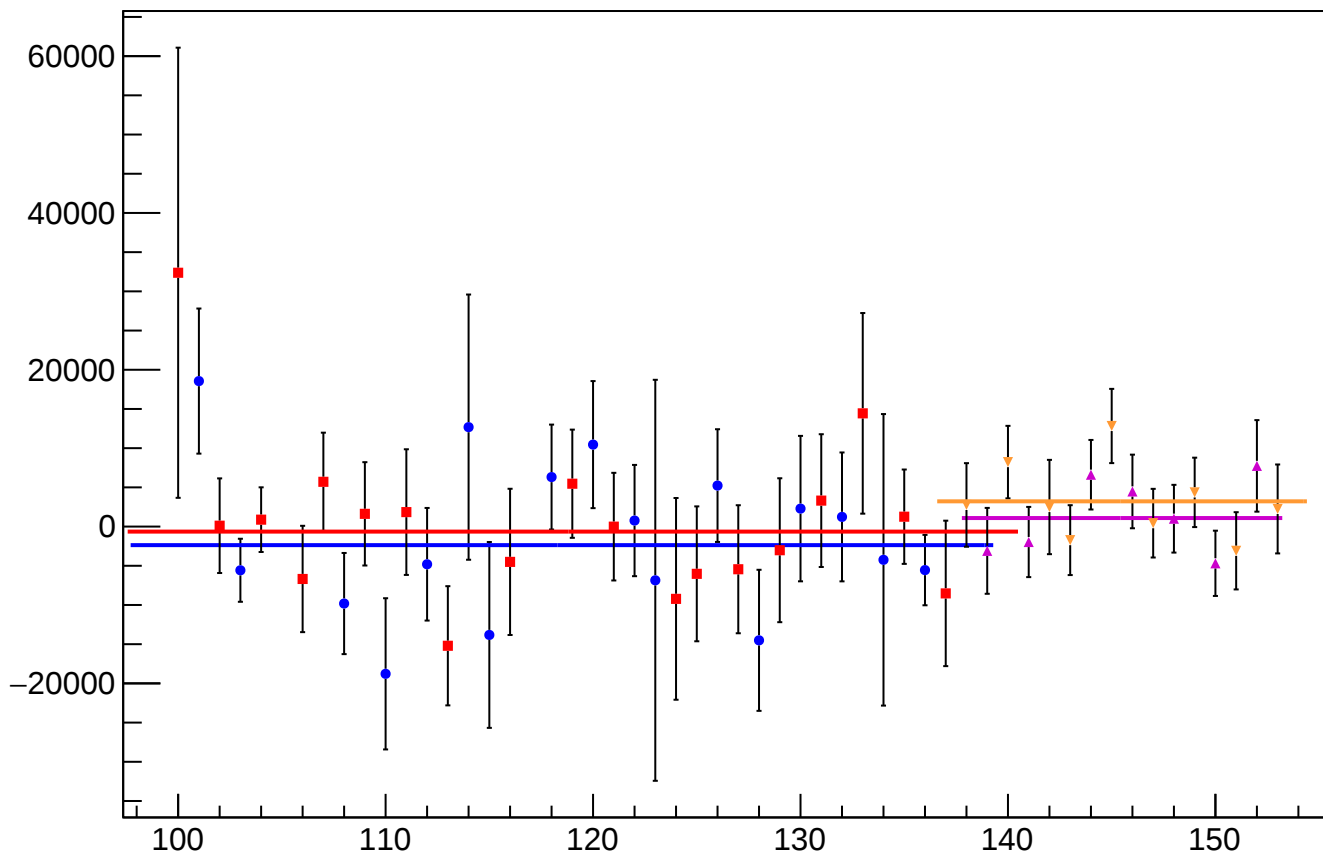
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3821.347 $\pm$ 0.781 χ^2 /NDF:1011392.7/23

Out: 3538.124 $\pm$ 0.700 χ^2 /NDF:1746331.1/27

All: 3664.191 $\pm$ 0.521 χ^2 /NDF: 2830648.6/51

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 $\chi^2/\text{NDF}: 20.1/16$

Left Out: 3219.400 ± 1621.891 $\chi^2/\text{NDF}: 8.7/8$

Right Out: -640.916 ± 1690.165 $\chi^2/\text{NDF}: 11.8/18$

Left In: 1087.962 ± 1767.587 $\chi^2/\text{NDF}: 6.3/6$

Left: 2245.132 ± 1195.044 $\chi^2/\text{NDF}: 15.8/15$

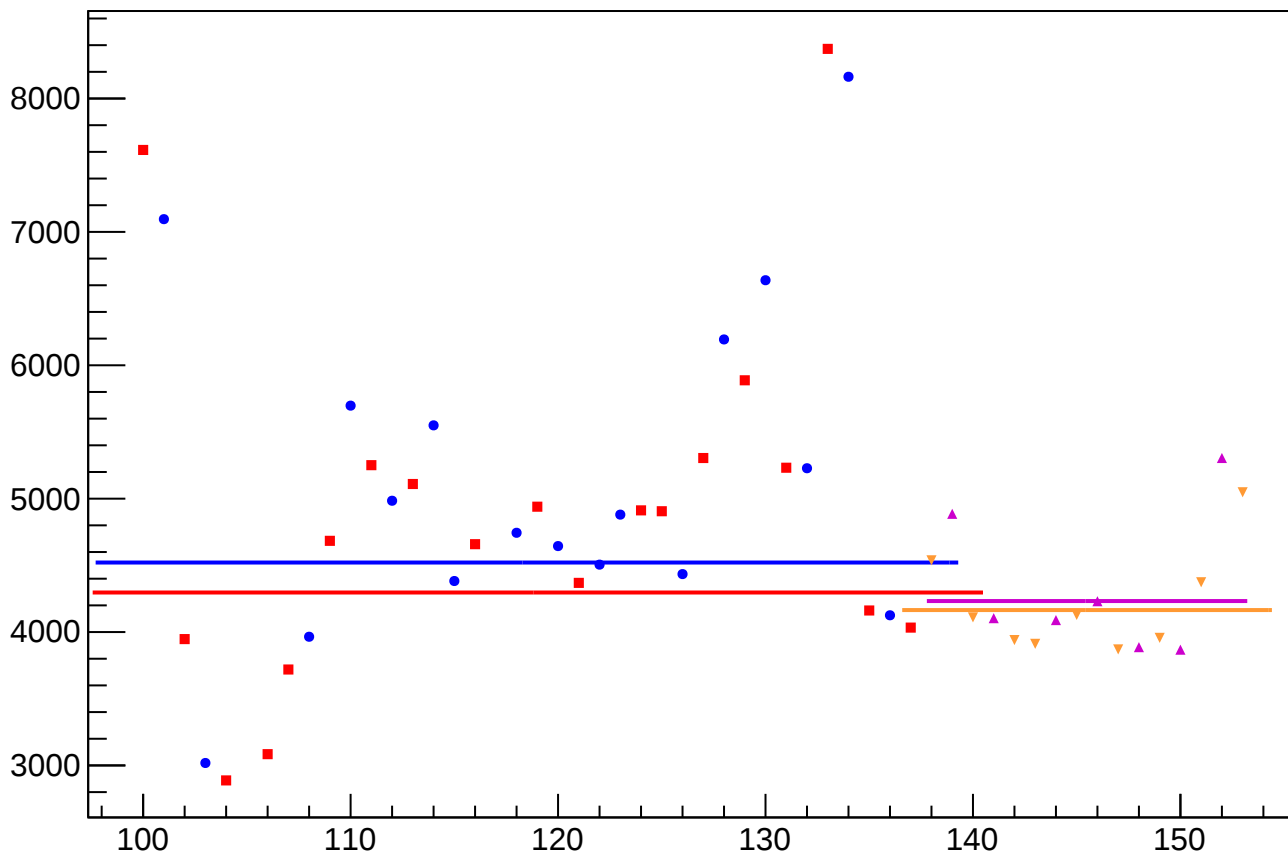
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -606.527 ± 1261.844 $\chi^2/\text{NDF}: 28.4/23$

Out: 1368.785 ± 1170.243 $\chi^2/\text{NDF}: 23.2/27$

All: 455.421 ± 858.044 $\chi^2/\text{NDF}: 52.9/51$

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2/NDF : 778675.0/16

Left Out: 4164.838 $\pm$ 1.147 χ^2/NDF :85035.9/8

Right Out: 4296.482 $\pm$ 1.189 χ^2/NDF : 773210.4/18

Left In: 4232.432 $\pm$ 1.250 χ^2/NDF :127894.5/6

Left: 4195.735 $\pm$ 0.845 χ^2/NDF : 214518.3/15

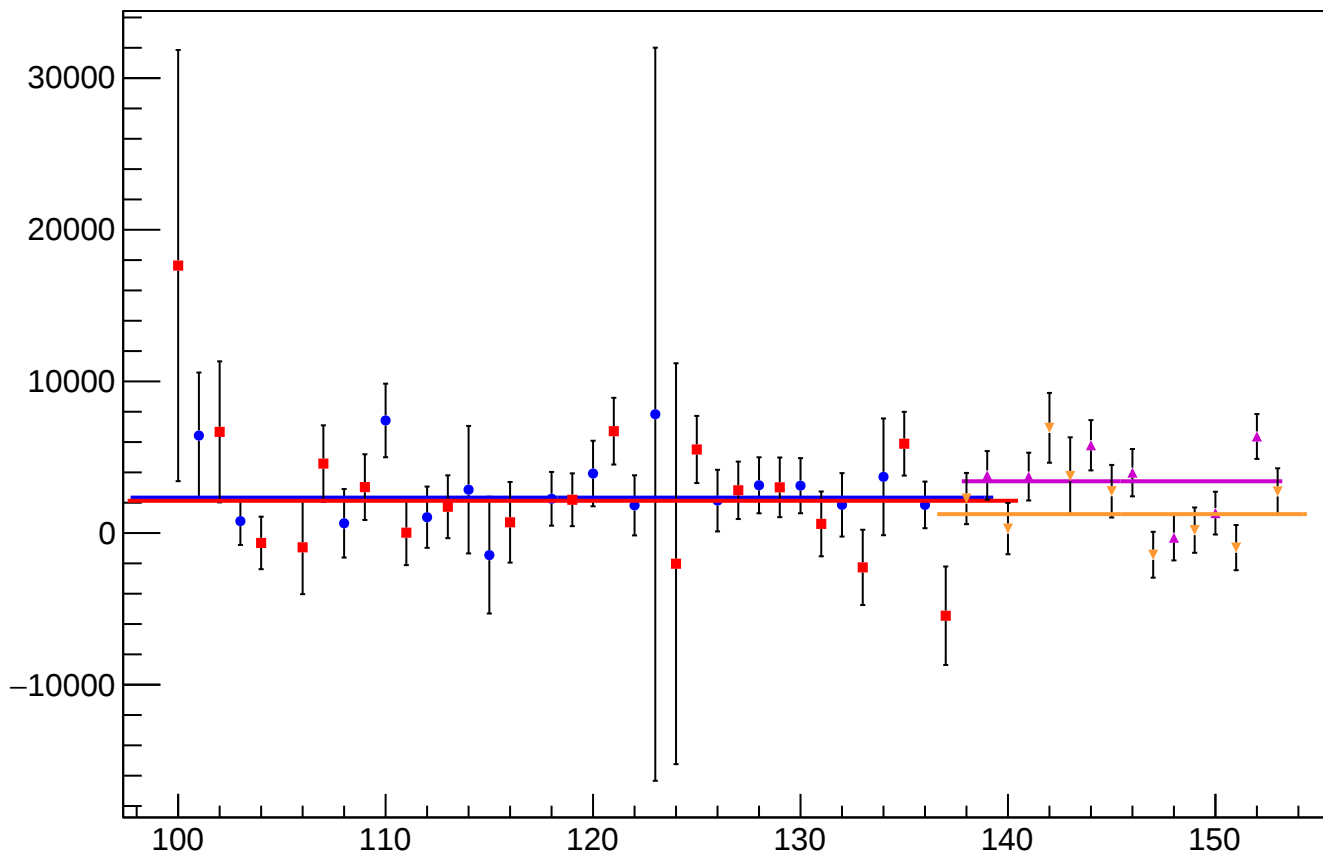
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4374.052 $\pm$ 0.892 χ^2/NDF :932750.5/23

Out: 4228.313 $\pm$ 0.825 χ^2/NDF :864599.5/27

All: 4295.507 $\pm$ 0.606 χ^2/NDF : 1811728.3/51

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1247.278 $\pm$ 564.062 χ^2 /NDF:15.3/8

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

Left In: 3414.736 $\pm$ 580.112 χ^2 /NDF:14.7/6

Left: 2300.608 $\pm$ 404.407 χ^2 /NDF: 37.2/15

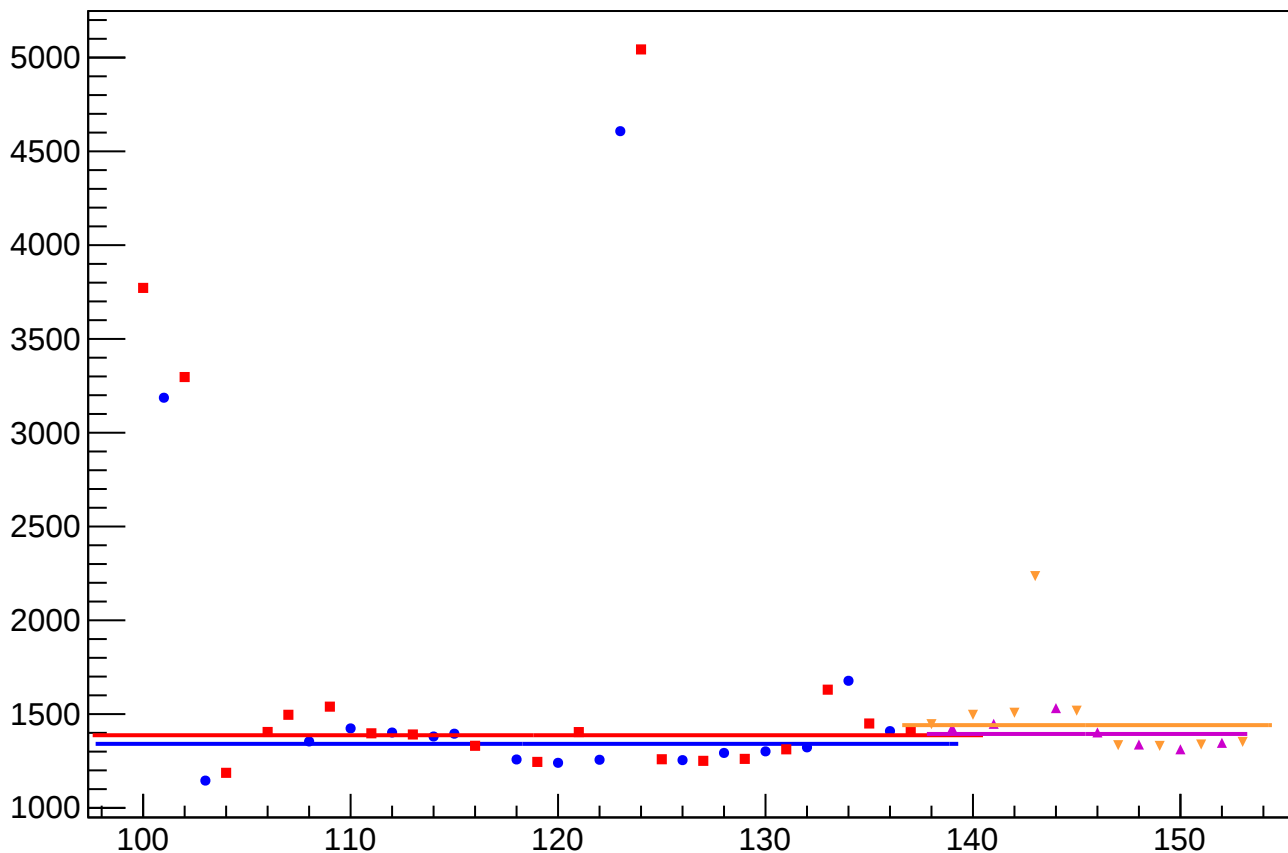
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2828.443 $\pm$ 391.741 χ^2 /NDF:26.2/23

Out: 1708.219 $\pm$ 389.774 χ^2 /NDF:44.2/27

All: 2265.512 $\pm$ 276.304 χ^2 /NDF: 74.5/51

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1441.175+/-0.399 χ^2/NDF : 239517.4/8

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1394.116+/-0.410 χ^2/NDF : 28623.2/6

Left: 1418.306+/-0.286 χ^2/NDF : 274905.7/15

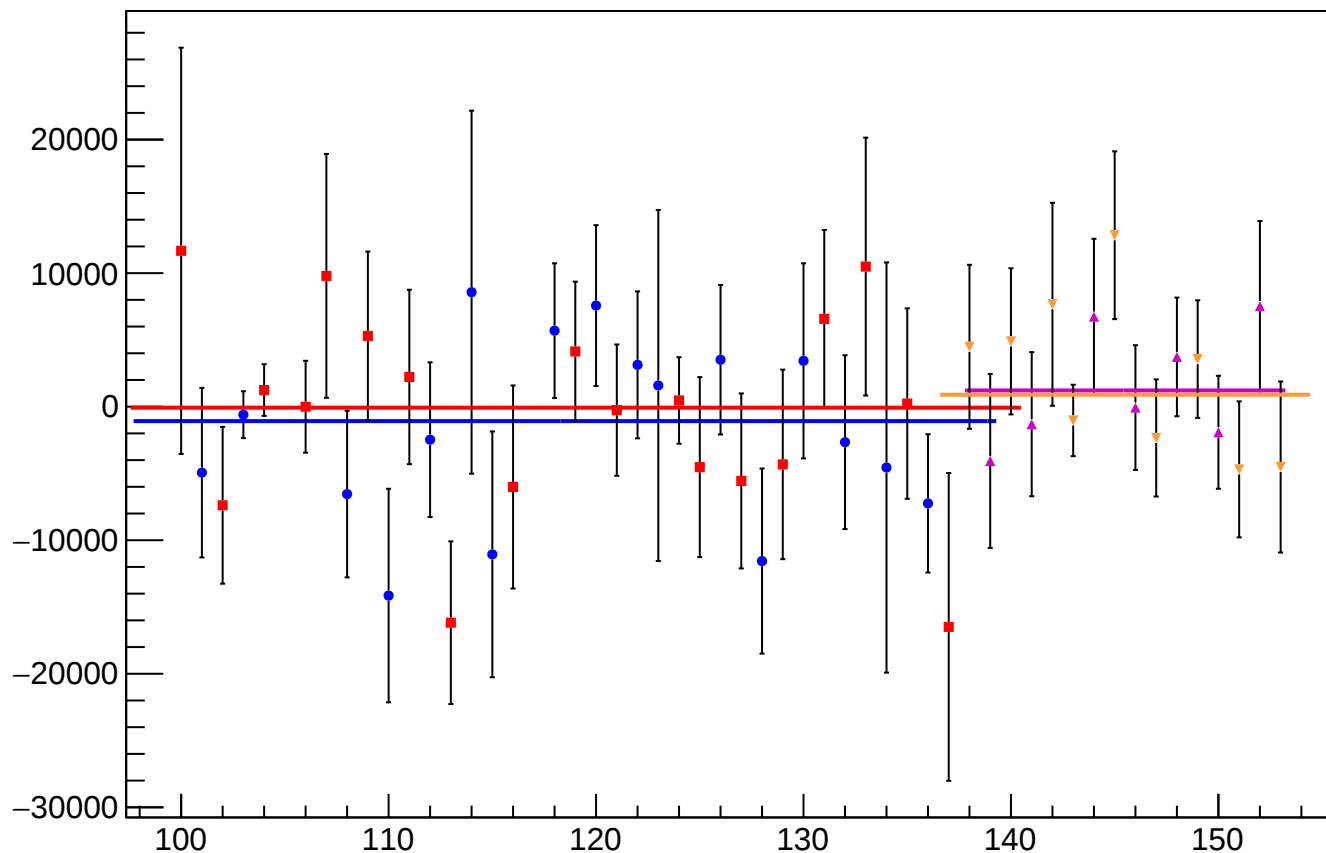
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1365.425+/-0.277 χ^2/NDF : 541888.4/23

Out: 1413.038+/-0.276 χ^2/NDF : 899231.1/27

All: 1389.357+/-0.195 χ^2/NDF : 1455970.3/51

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 897.592 ± 1563.965 $\chi^2/\text{NDF}: 8.6/8$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

Left In: 1216.867 ± 1945.304 $\chi^2/\text{NDF}: 3.7/6$

Left: 1022.940 ± 1218.888 $\chi^2/\text{NDF}: 12.3/15$

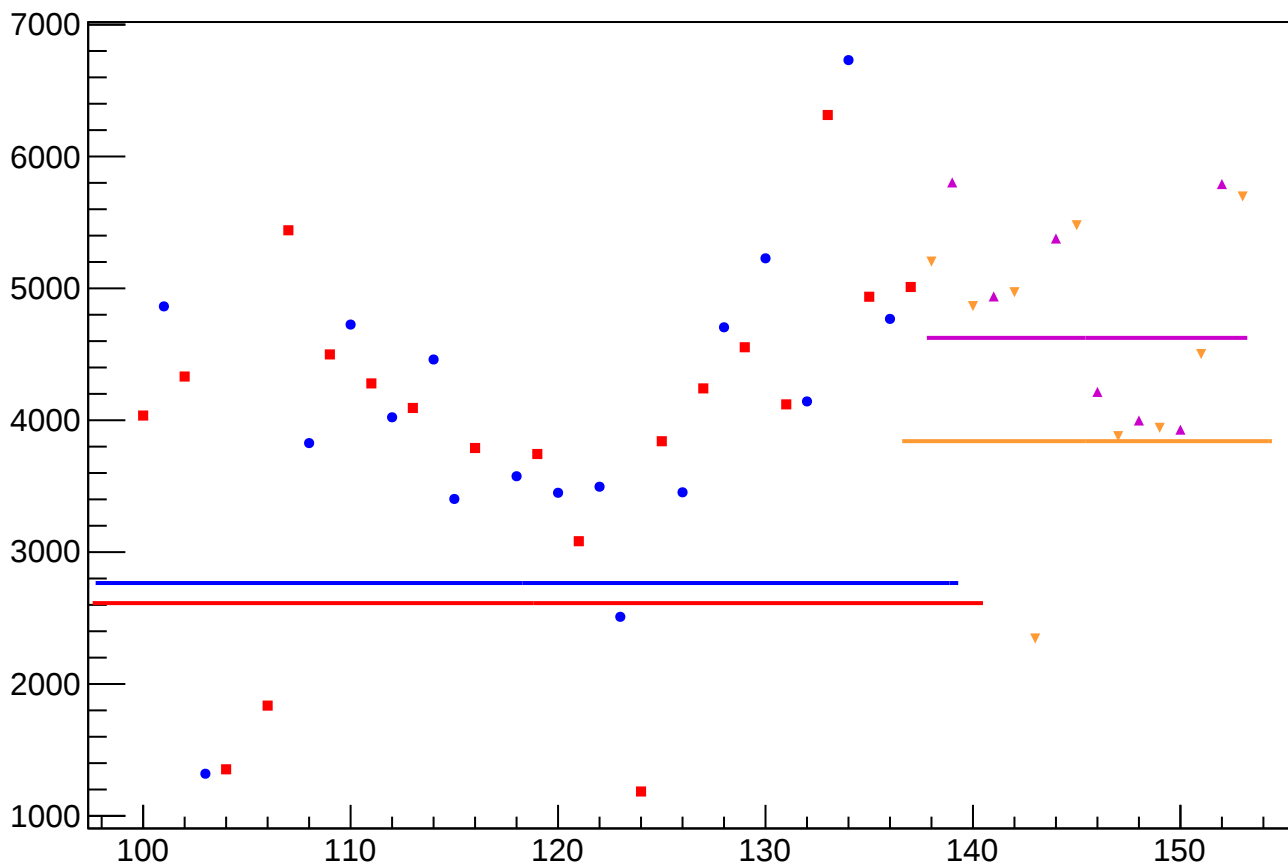
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -438.182 ± 1028.913 $\chi^2/\text{NDF}: 19.7/23$

Out: 257.718 ± 913.920 $\chi^2/\text{NDF}: 27.5/27$

All: -49.186 ± 683.293 $\chi^2/\text{NDF}: 47.5/51$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 3841.470+/-1.106 χ^2/NDF : 1176959.3/8

Right Out: 2613.368+/-0.796 χ^2/NDF : 3339918.9/18

Left In: 4624.625+/-1.376 χ^2/NDF : 281817.4/6

Left: 4148.939+/-0.862 χ^2/NDF : 1655666.8/15

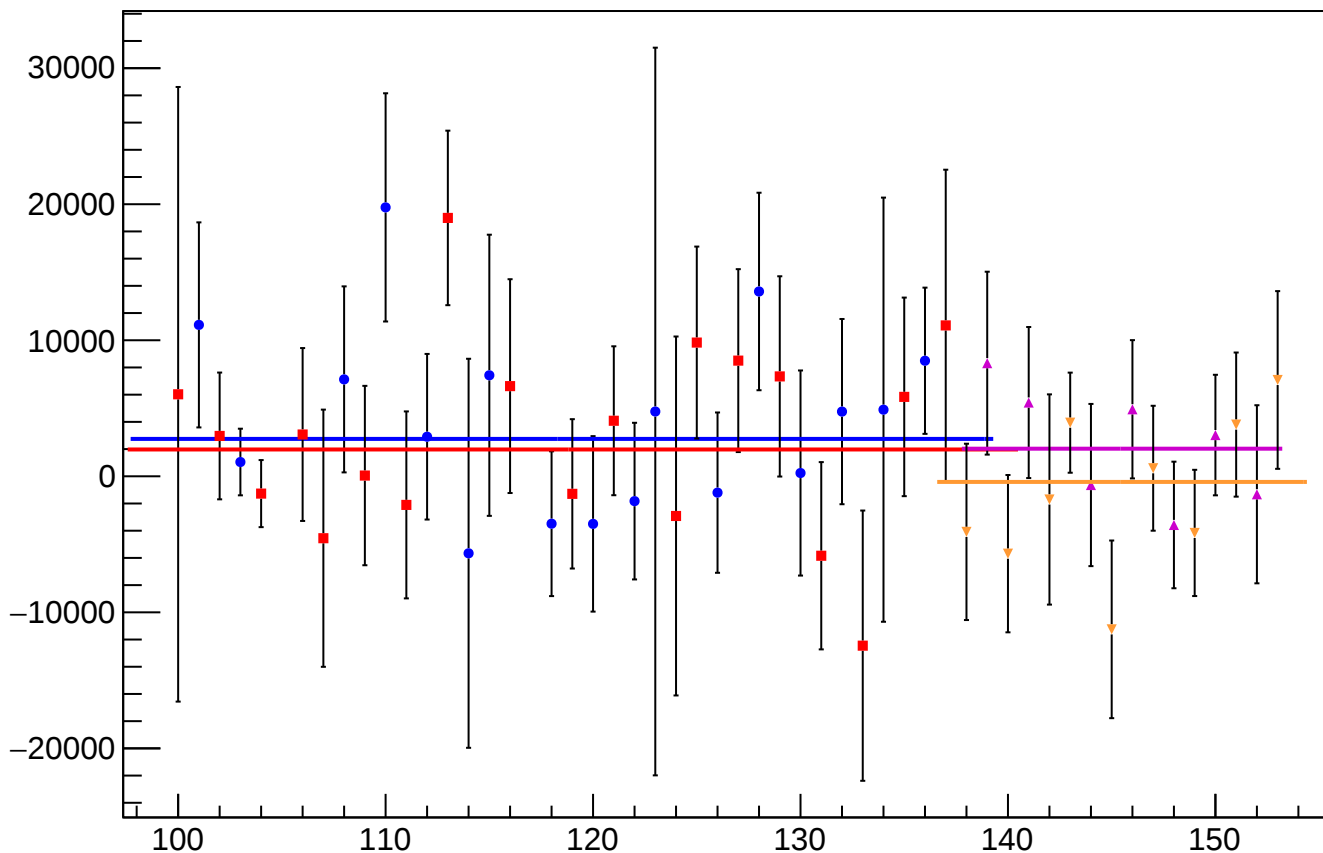
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3285.776+/-0.728 χ^2/NDF : 4536247.7/23

Out: 3032.737+/-0.646 χ^2/NDF : 5328989.2/27

All: 3144.332+/-0.483 χ^2/NDF : 9932852.1/51

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -413.642+/-1765.631 χ^2/NDF : 8.0/8

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

Left In: 2028.928+/-2033.161 χ^2/NDF : 3.5/6

Left: 636.473+/-1333.113 χ^2/NDF : 12.4/15

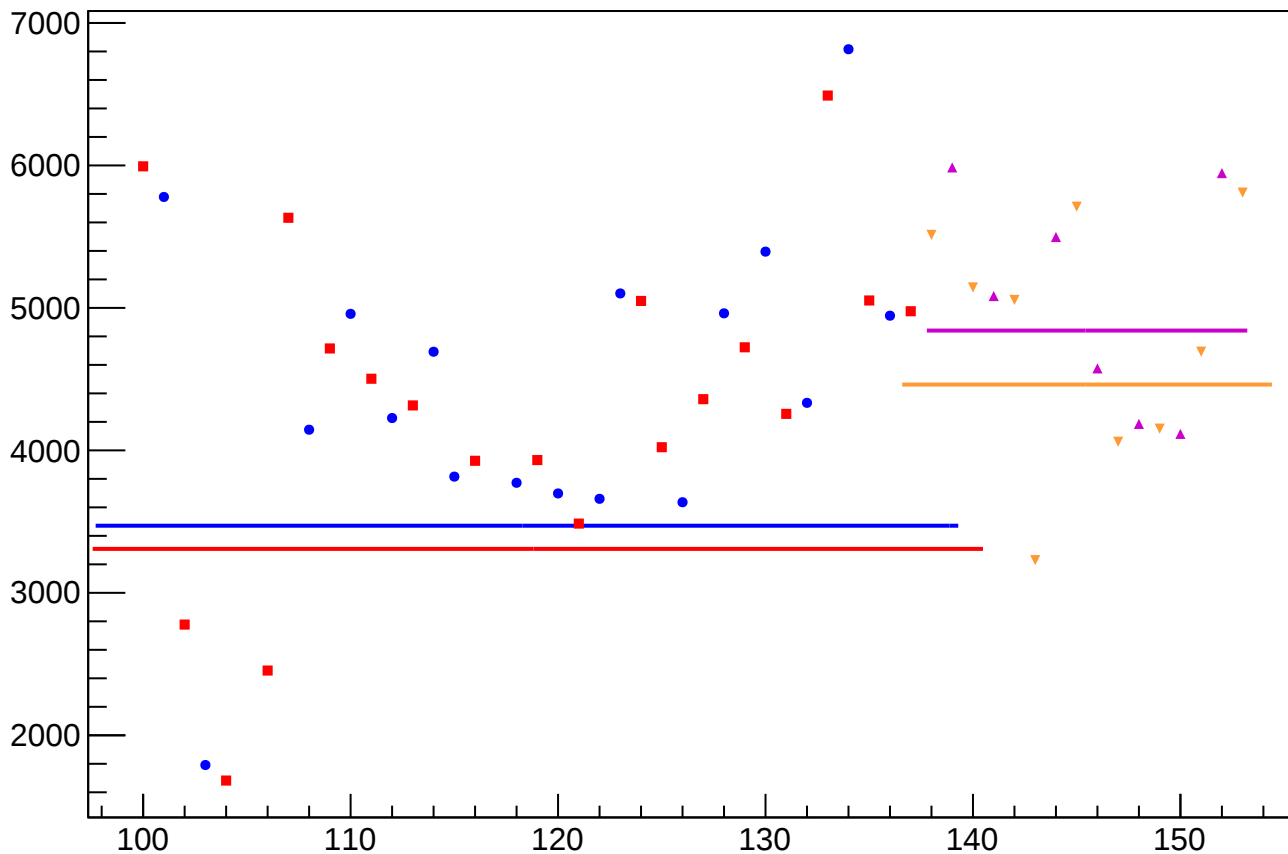
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2506.502+/-1178.717 χ^2/NDF : 17.4/23

Out: 1065.396+/-1088.129 χ^2/NDF : 26.9/27

All: 1728.451+/-799.533 χ^2/NDF : 45.1/51

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 4461.949+/-1.248 χ^2/NDF : 502801.1/8

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

Left In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

Left: 4624.881+/-0.943 χ^2/NDF : 784249.8/15

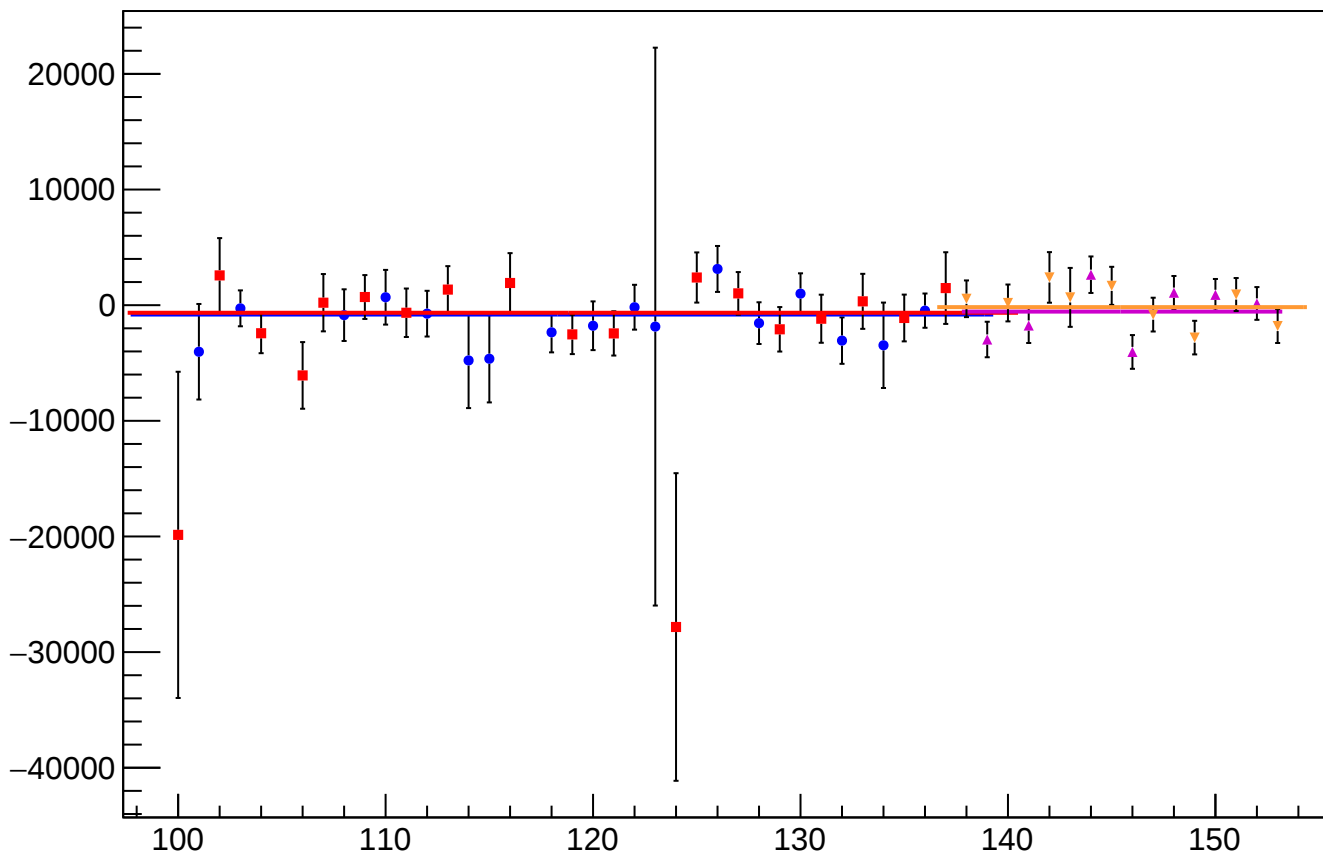
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3931.527+/-0.833 χ^2/NDF : 2612412.8/23

Out: 3741.644+/-0.765 χ^2/NDF : 2950181.7/27

All: 3828.472+/-0.564 χ^2/NDF : 5590764.1/51

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: -168.946+/-540.602 χ^2/NDF : 8.3/8

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

Left In: -554.988+/-555.076 χ^2/NDF : 15.6/6

Left: -356.869+/-387.279 χ^2/NDF : 24.1/15

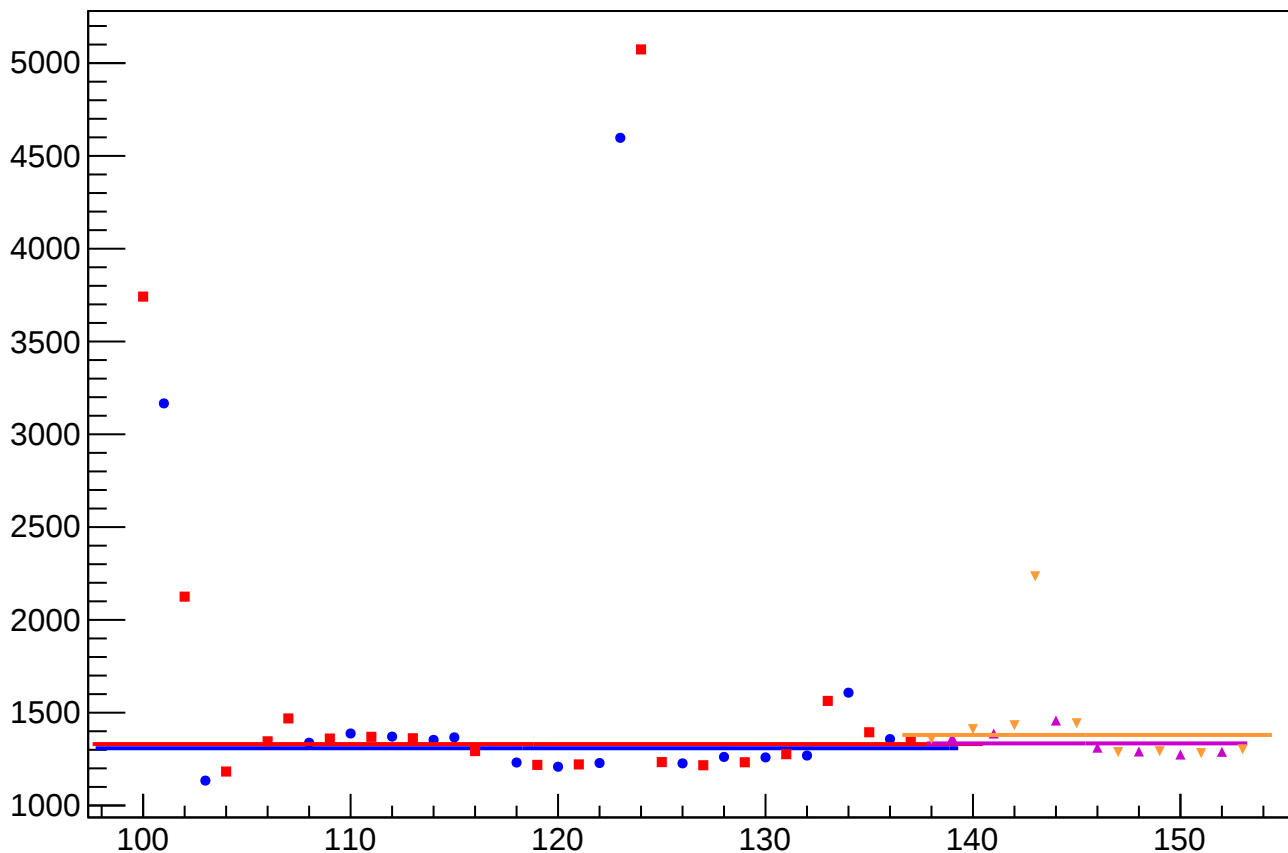
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -690.723+/-378.785 χ^2/NDF : 26.9/23

Out: -424.603+/-372.726 χ^2/NDF : 29.2/27

All: -555.518+/-265.673 χ^2/NDF : 56.3/51

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2/NDF : 506545.0/16

Left Out: 1380.098 $\pm$ 0.382 χ^2/NDF : 260549.9/8

Right Out: 1330.860 $\pm$ 0.364 χ^2/NDF : 415845.6/18

Left In: 1334.519 $\pm$ 0.392 χ^2/NDF : 23671.4/6

Left: 1357.911 $\pm$ 0.274 χ^2/NDF : 291141.8/15

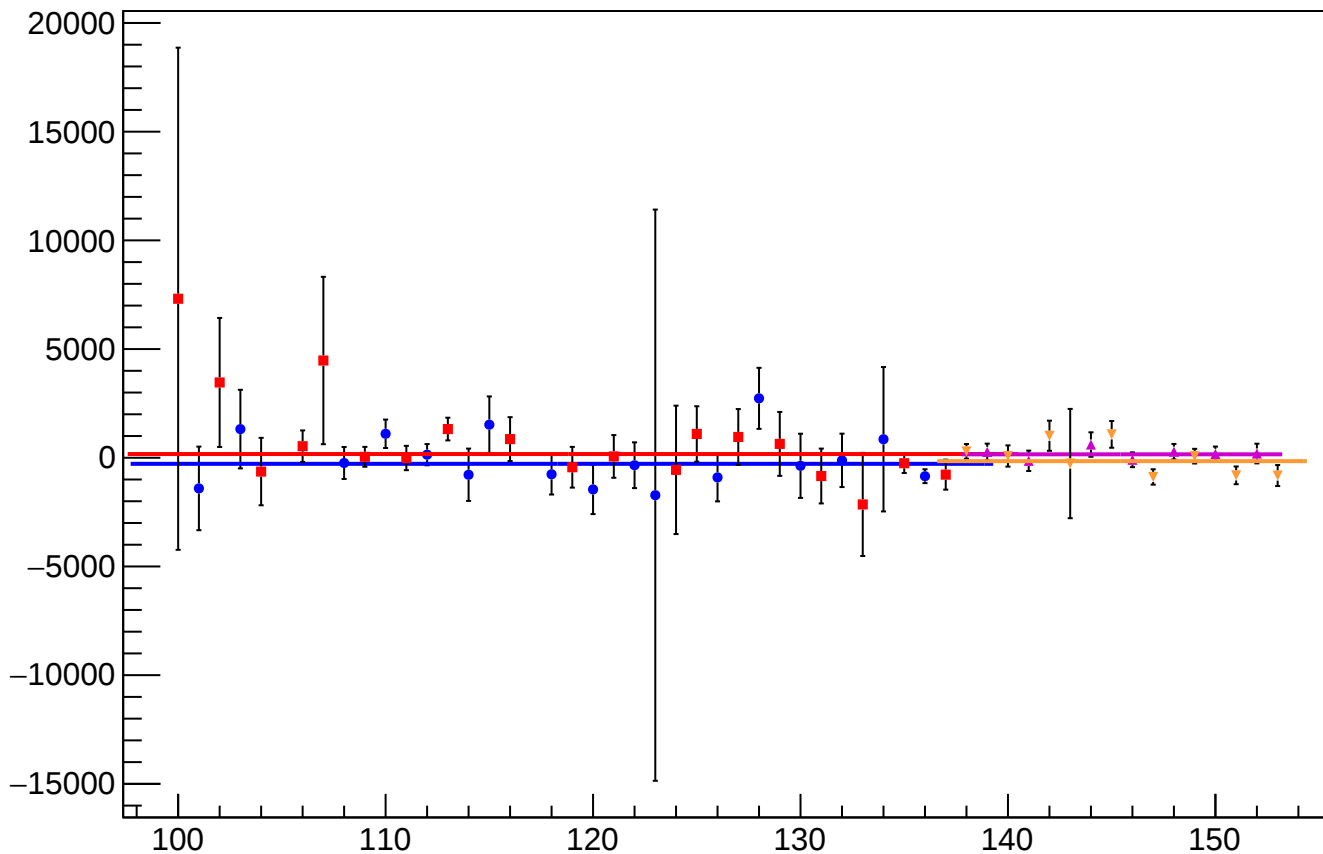
Right: 1319.692 $\pm$ 0.258 χ^2/NDF : 924287.9/35

In: 1320.545 $\pm$ 0.268 χ^2/NDF : 532588.7/23

Out: 1354.266 $\pm$ 0.264 χ^2/NDF : 685099.9/27

All: 1337.677 $\pm$ 0.188 χ^2/NDF : 1225741.4/51

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -155.303+/-149.202 χ^2/NDF : 18.0/8

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

Left In: 158.447+/-149.256 χ^2/NDF : 1.8/6

Left: 1.515+/-105.521 χ^2/NDF : 22.0/15

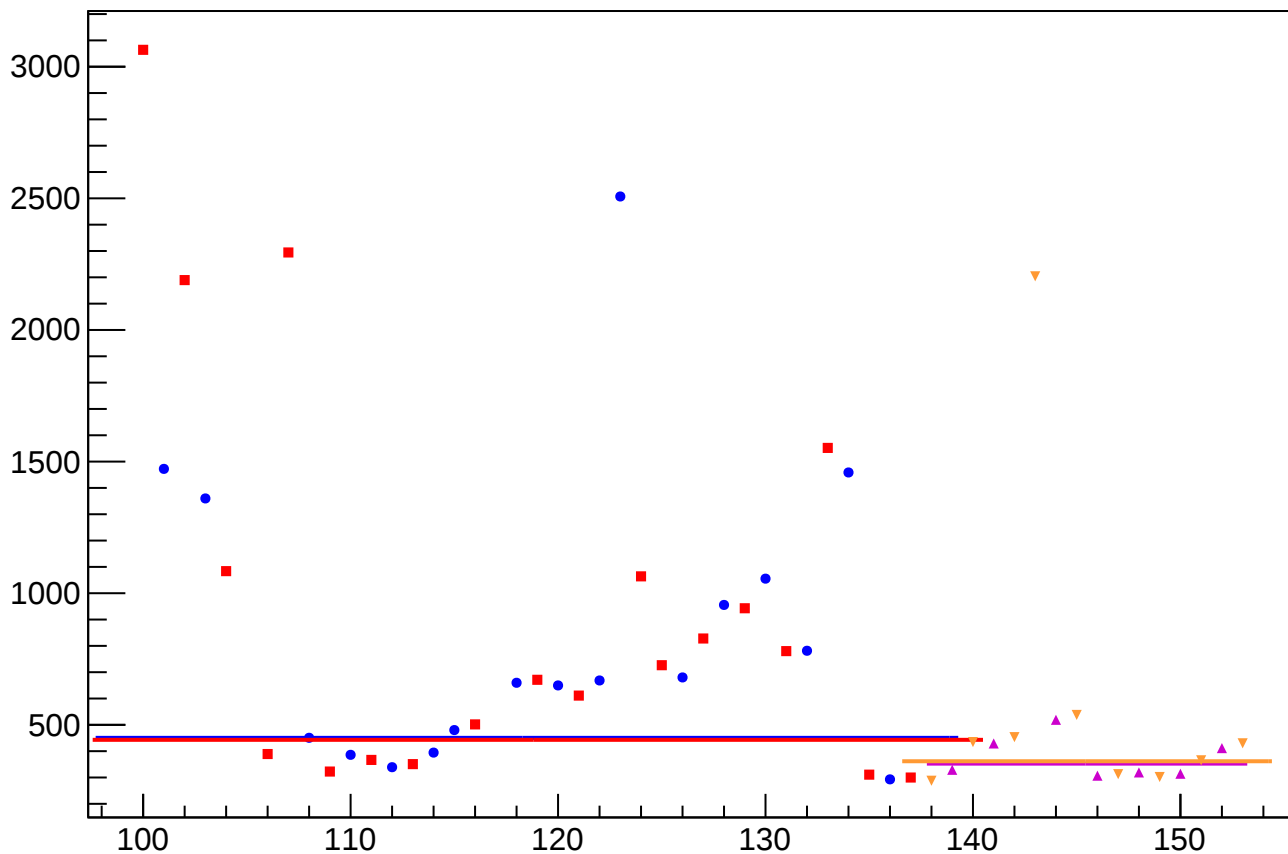
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 0.171+/-119.213 χ^2/NDF : 23.0/23

Out: -32.591+/-117.918 χ^2/NDF : 34.5/27

All: -16.389+/-83.835 χ^2/NDF : 57.5/51

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 361.705+/-0.106 χ^2/NDF : 1553743.5/8

Right Out: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

Left In: 352.725+/-0.106 χ^2/NDF : 349795.2/6

Left: 357.217+/-0.075 χ^2/NDF : 1907160.4/15

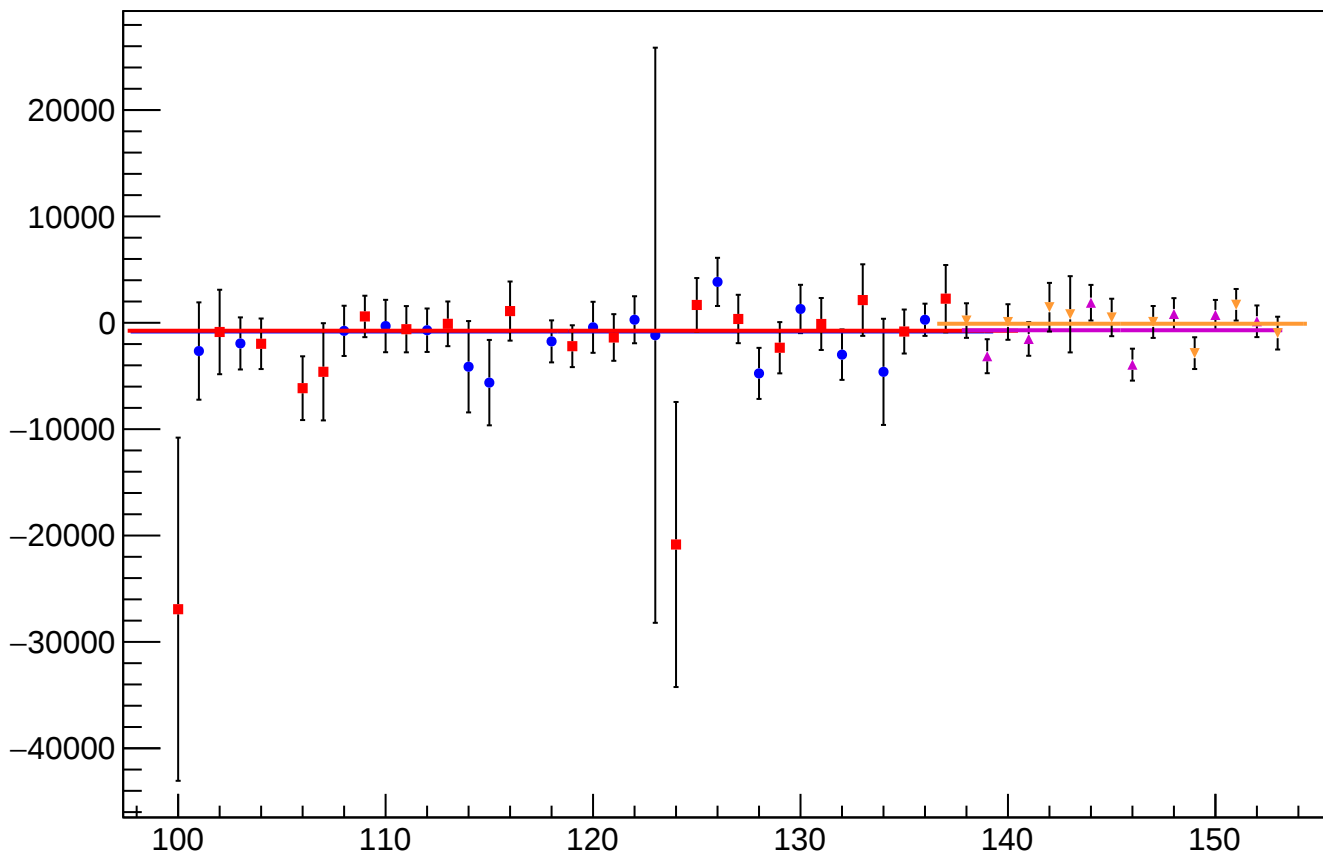
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 388.160+/-0.084 χ^2/NDF : 3658879.6/23

Out: 392.258+/-0.083 χ^2/NDF : 5248525.7/27

All: 390.231+/-0.059 χ^2/NDF : 8908600.2/51

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: -89.330+/-568.527 χ^2/NDF : 5.9/8

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

Left In: -701.424+/-577.636 χ^2/NDF : 12.1/6

Left: -390.513+/-405.191 χ^2/NDF : 18.5/15

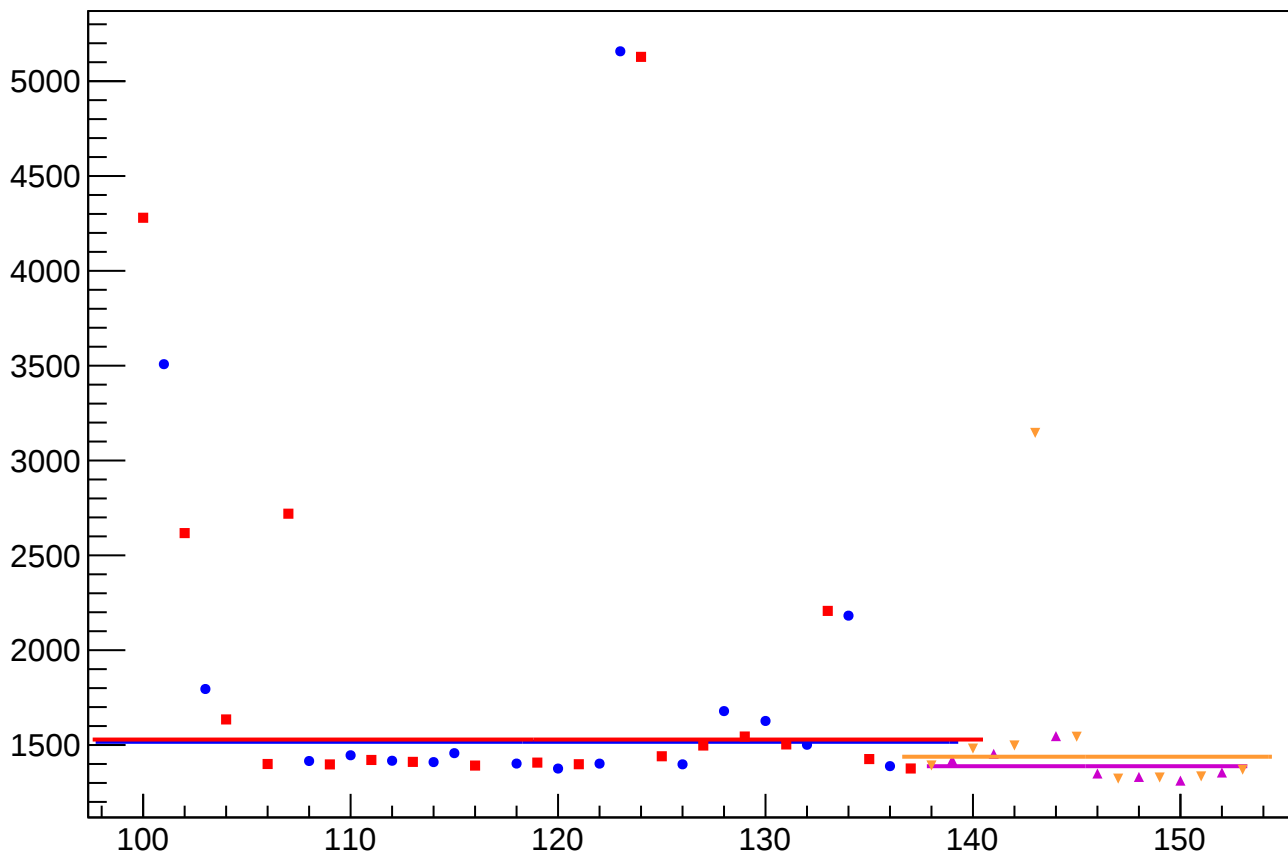
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -756.961+/-416.515 χ^2/NDF : 24.8/23

Out: -402.544+/-411.267 χ^2/NDF : 20.6/27

All: -577.505+/-292.647 χ^2/NDF : 45.7/51

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1438.267+/-0.402 χ^2/NDF : 501723.8/8

Right Out: 1528.856+/-0.421 χ^2/NDF : 630181.6/18

Left In: 1388.269+/-0.408 χ^2/NDF : 33197.7/6

Left: 1413.665+/-0.287 χ^2/NDF : 542532.5/15

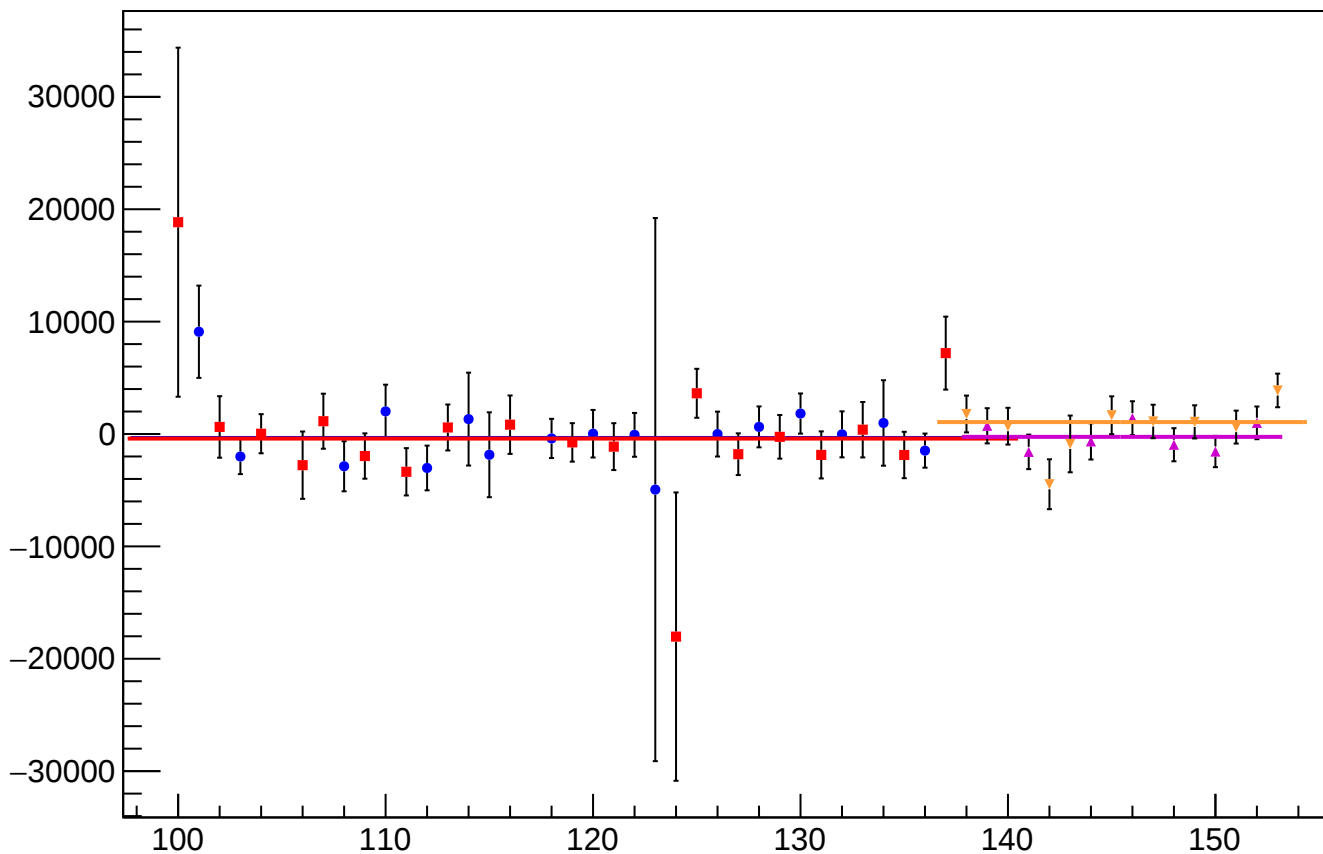
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1450.037+/-0.295 χ^2/NDF : 621874.8/23

Out: 1481.452+/-0.291 χ^2/NDF : 1156112.0/27

All: 1465.943+/-0.207 χ^2/NDF : 1783747.6/51

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 1061.701+/-551.920 χ^2/NDF :10.8/8

Right Out: -407.388+/-522.047 χ^2/NDF : 18.4/18

Left In: -254.426+/-567.439 χ^2/NDF :4.3/6

Left: 421.880+/-395.639 χ^2/NDF : 17.8/15

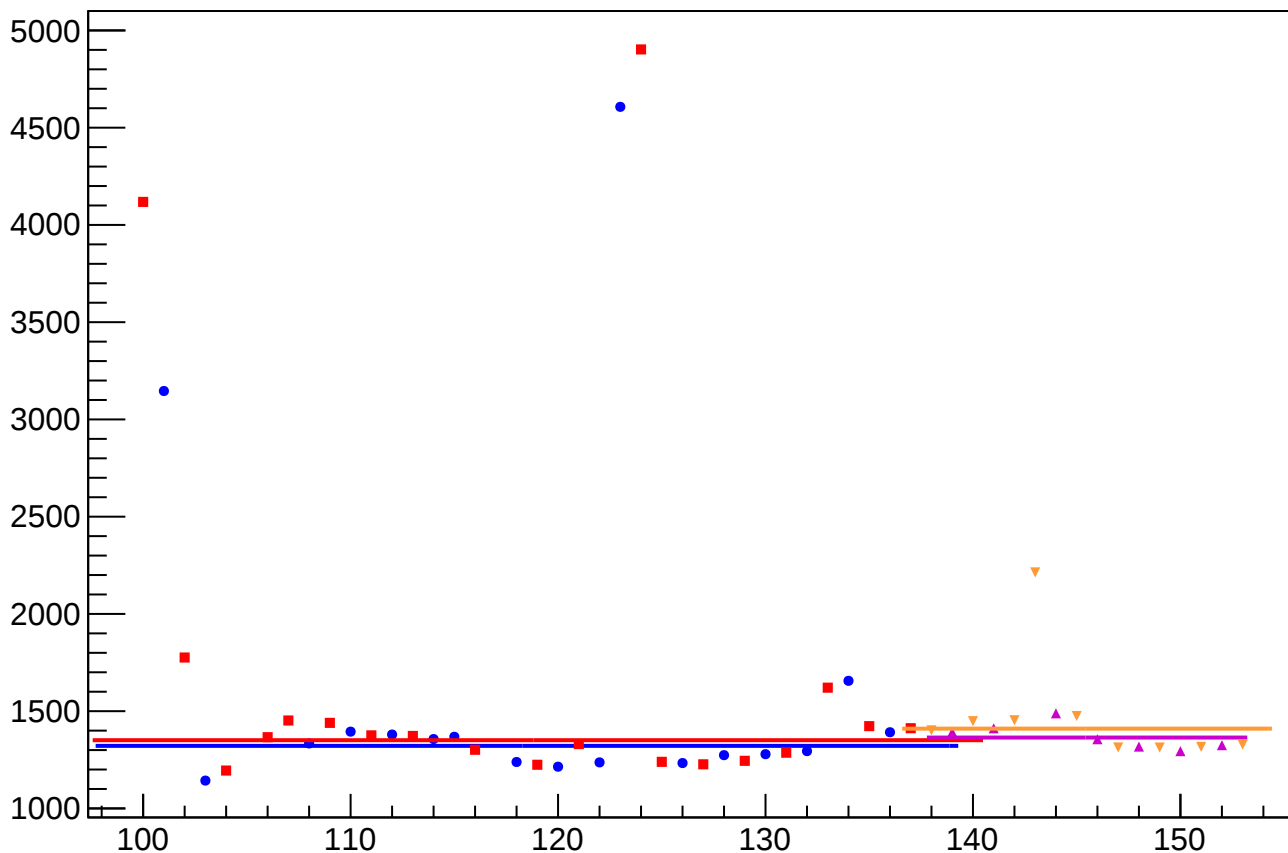
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -307.764+/-384.698 χ^2/NDF :17.7/23

Out: 286.323+/-379.264 χ^2/NDF :32.9/27

All: -6.495+/-270.081 χ^2/NDF : 51.8/51

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1410.260+/-0.390 χ^2/NDF : 238807.3/8

Right Out: 1350.773+/-0.369 χ^2/NDF : 349883.8/18

Left In: 1364.376+/-0.401 χ^2/NDF : 23058.1/6

Left: 1387.954+/-0.280 χ^2/NDF : 268585.2/15

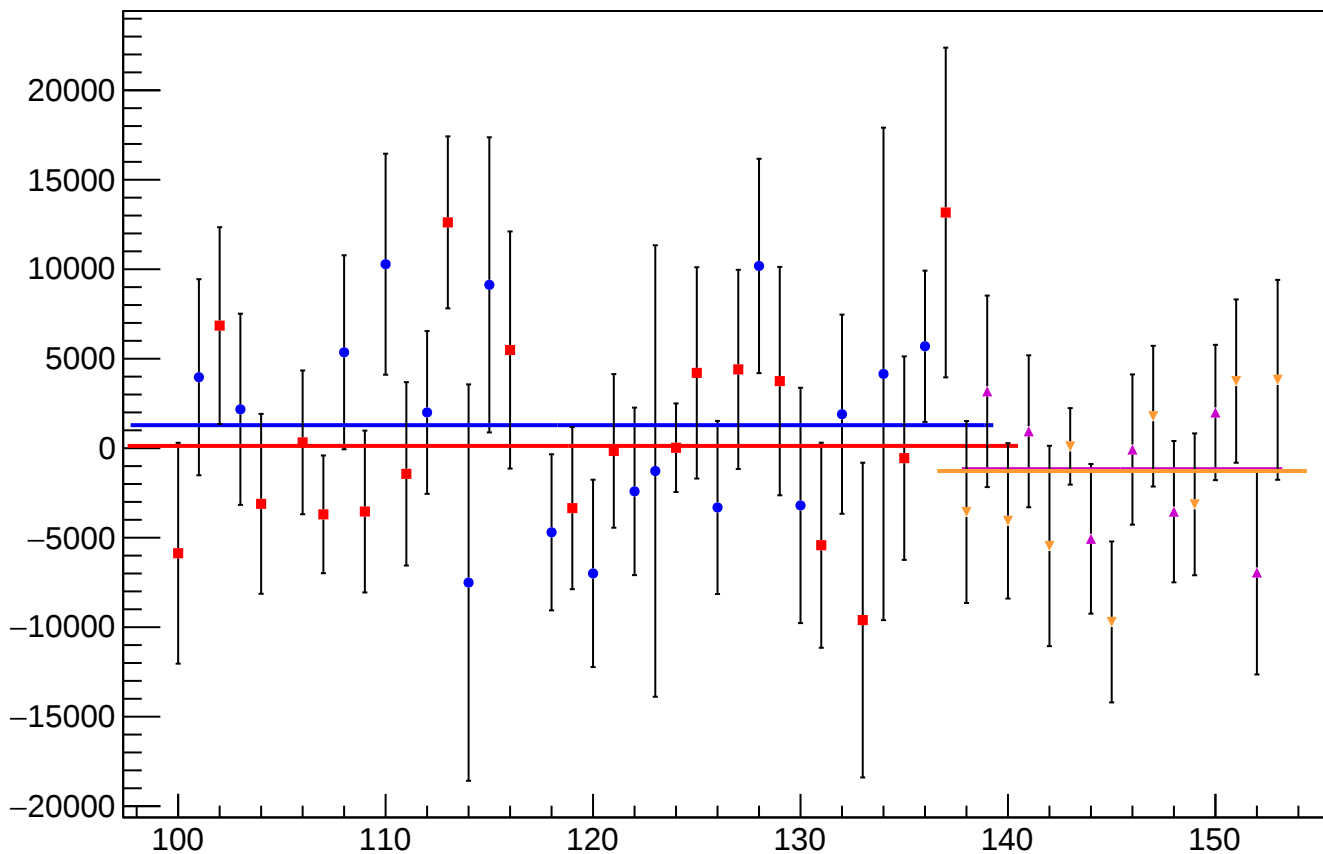
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1341.316+/-0.272 χ^2/NDF : 531416.2/23

Out: 1378.847+/-0.268 χ^2/NDF : 600960.2/27

All: 1360.354+/-0.191 χ^2/NDF : 1142032.1/51

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -1275.669+/-1290.578 χ^2/NDF : 8.0/8

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -1170.201+/-1645.507 χ^2/NDF : 3.9/6

Left: -1235.501+/-1015.501 χ^2/NDF : 11.9/15

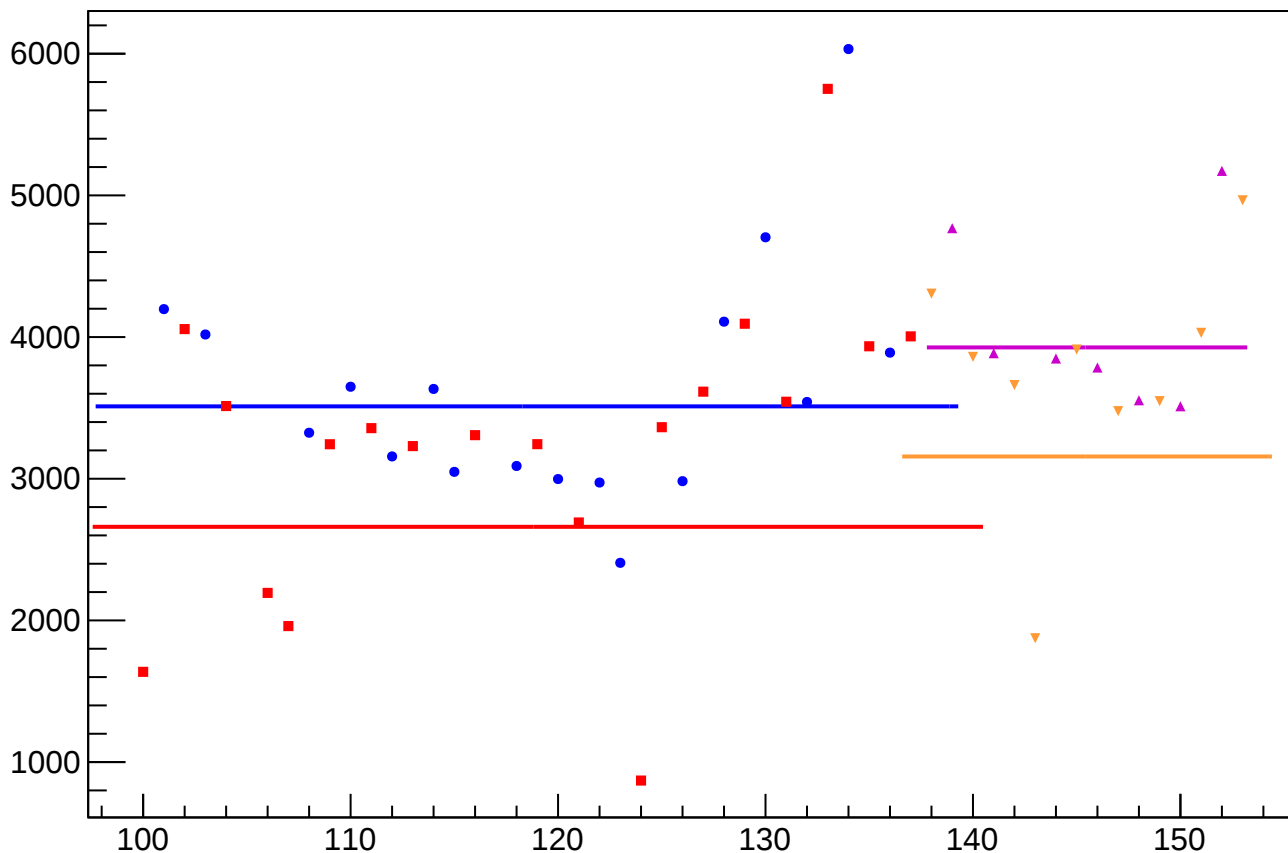
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 276.261+/-1055.508 χ^2/NDF : 19.5/23

Out: -454.734+/-831.954 χ^2/NDF : 27.2/27

All: -174.619+/-653.390 χ^2/NDF : 47.0/51

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3157.086+/-0.913 χ^2/NDF : 1263122.3/8

Right Out: 2660.636+/-0.770 χ^2/NDF : 2182658.0/18

Left In: 3926.882+/-1.164 χ^2/NDF : 190331.4/6

Left: 3450.268+/-0.718 χ^2/NDF : 1724456.5/15

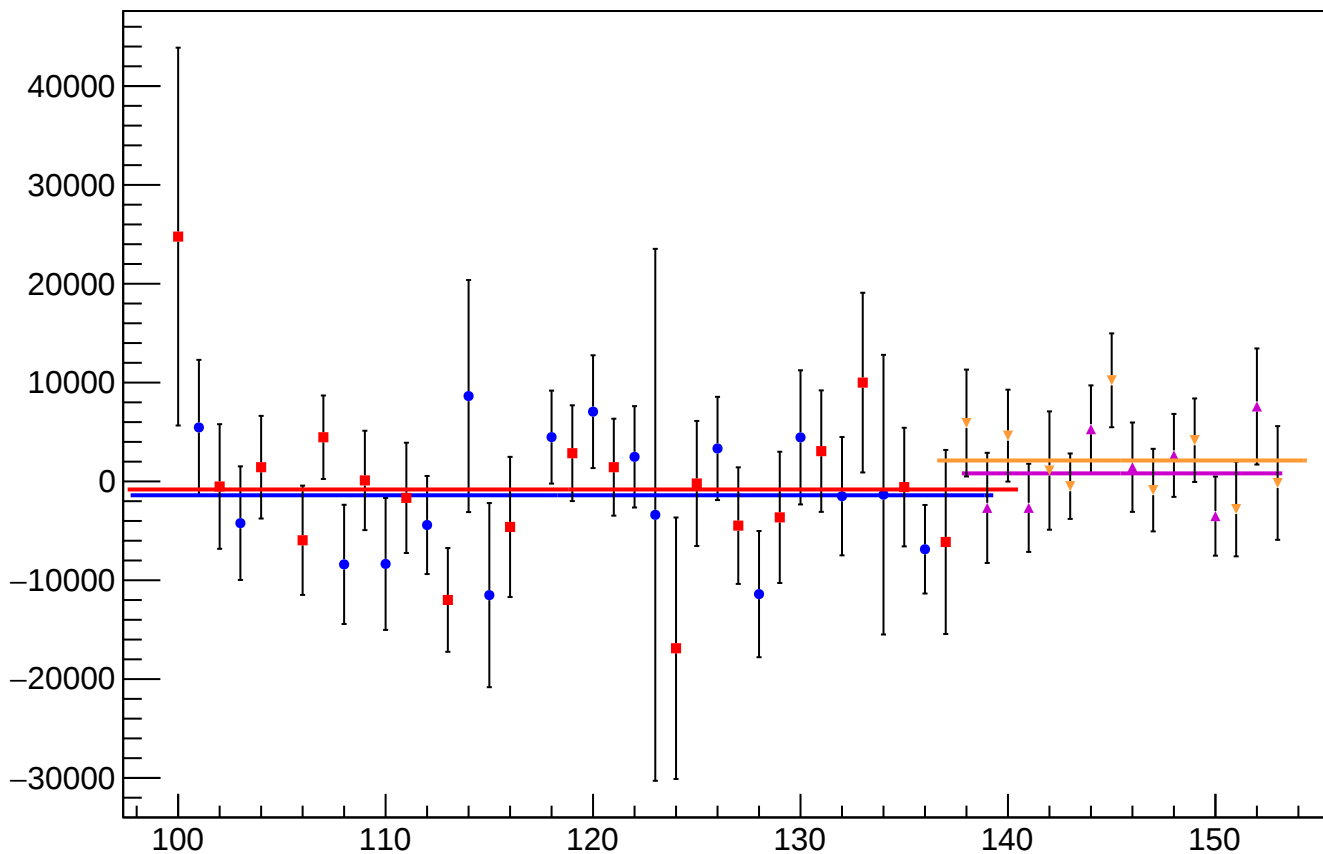
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3681.999+/-0.746 χ^2/NDF : 609647.0/23

Out: 2866.939+/-0.588 χ^2/NDF : 3618743.9/27

All: 3179.267+/-0.462 χ^2/NDF : 4963975.8/51

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 2119.186 $\pm$ 1522.798 χ^2 /NDF: 6.3/8

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: 814.520 $\pm$ 1739.508 χ^2 /NDF: 4.7/6

Left: 1553.139 $\pm$ 1145.785 χ^2 /NDF: 11.3/15

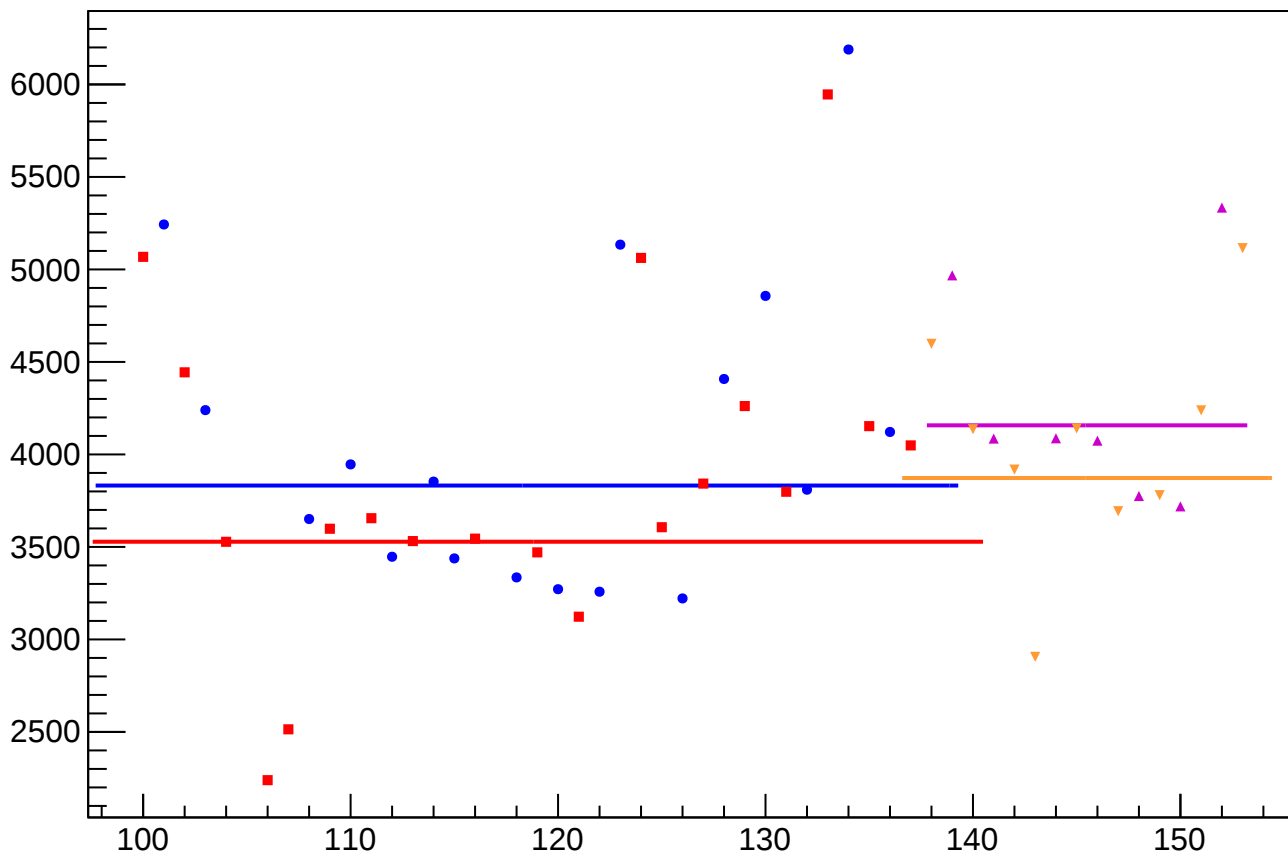
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -453.408 $\pm$ 1137.777 χ^2 /NDF: 21.4/23

Out: 507.668 $\pm$ 1022.210 χ^2 /NDF: 22.6/27

All: 78.404 $\pm$ 760.397 χ^2 /NDF: 44.4/51

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2/NDF : 337707.1/16

Left Out: 3872.547 $\pm$ 1.077 χ^2/NDF : 329208.4/8

Right Out: 3528.100 $\pm$ 0.966 χ^2/NDF : 557192.5/18

Left In: 4157.277 $\pm$ 1.230 χ^2/NDF : 164892.4/6

Left: 3996.081 $\pm$ 0.810 χ^2/NDF : 524437.1/15

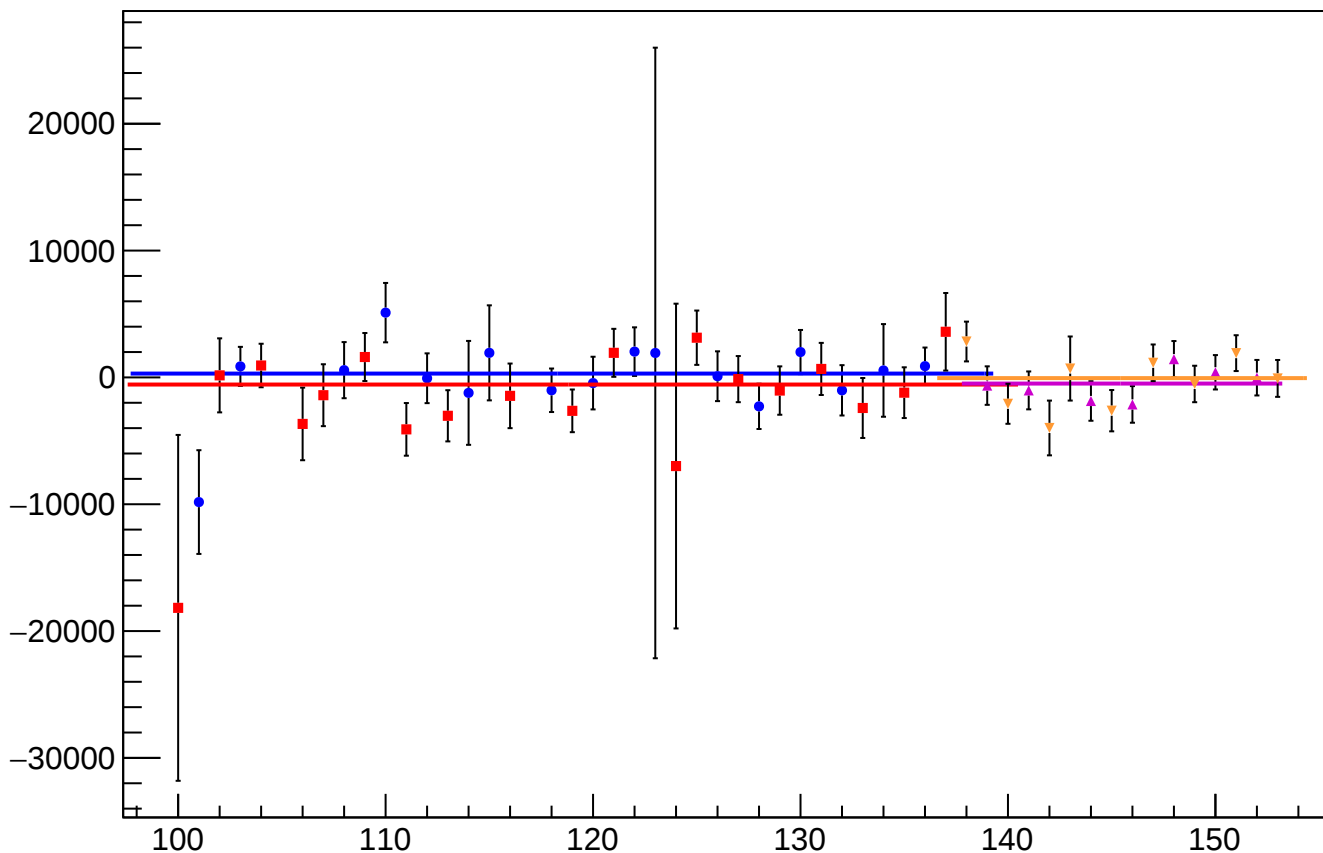
Right: 3665.441 $\pm$ 0.715 χ^2/NDF : 939571.7/35

In: 3971.052 $\pm$ 0.805 χ^2/NDF : 542659.4/23

Out: 3681.753 $\pm$ 0.719 χ^2/NDF : 943081.2/27

All: 3810.250 $\pm$ 0.536 χ^2/NDF : 1557613.5/51

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -55.784 $\pm$ 534.875 χ^2 /NDF:13.7/8

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -485.256 $\pm$ 548.981 χ^2 /NDF:4.6/6

Left: -264.931 $\pm$ 383.104 χ^2 /NDF: 18.6/15

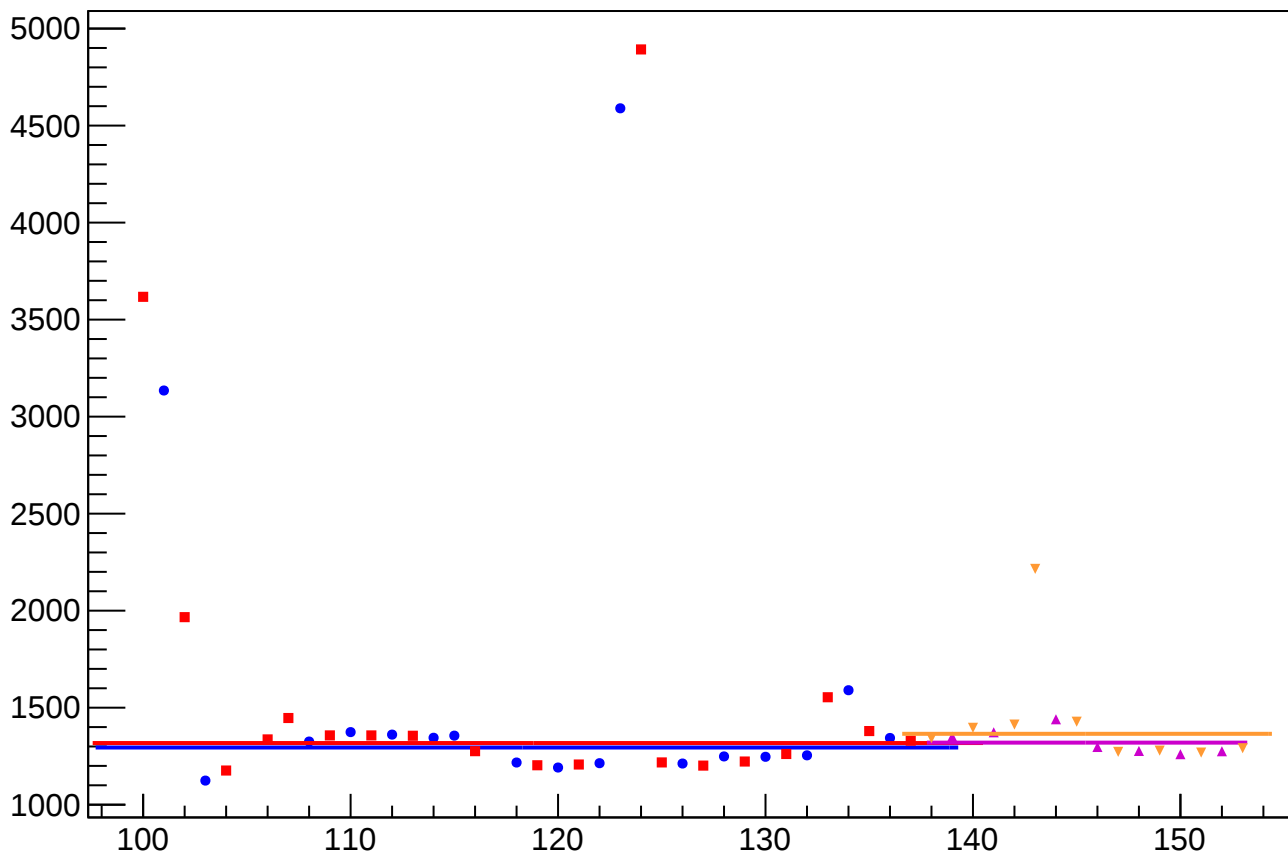
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -64.876 $\pm$ 374.756 χ^2 /NDF:21.7/23

Out: -321.887 $\pm$ 368.471 χ^2 /NDF:33.3/27

All: -195.555 $\pm$ 262.742 χ^2 /NDF: 55.3/51

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1365.322 $\pm$ 0.378 χ^2 /NDF:261736.7/8

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1319.879 $\pm$ 0.388 χ^2 /NDF:23433.7/6

Left: 1343.192 $\pm$ 0.271 χ^2 /NDF: 292200.7/15

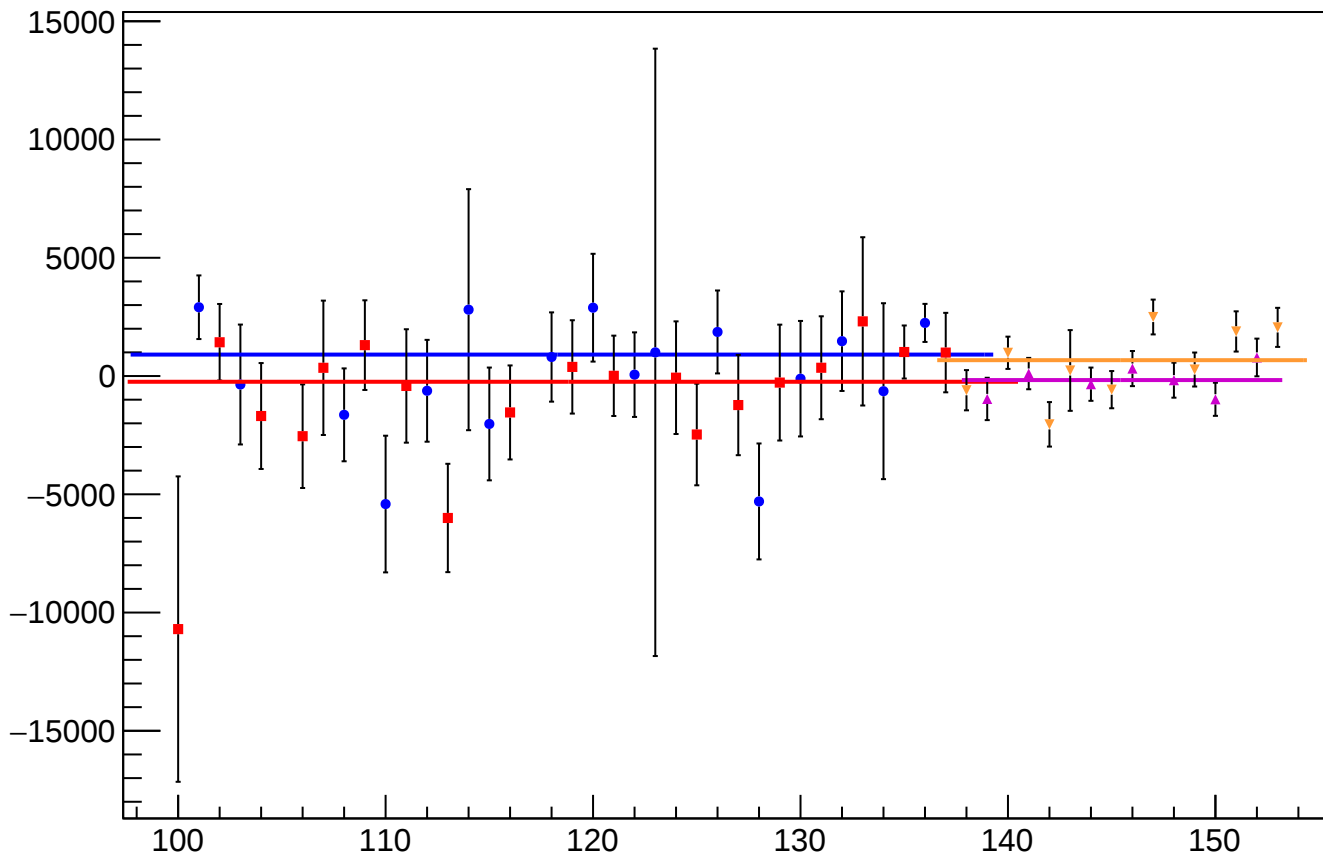
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1306.449 $\pm$ 0.265 χ^2 /NDF:533479.1/23

Out: 1340.347 $\pm$ 0.261 χ^2 /NDF:660843.4/27

All: 1323.685 $\pm$ 0.186 χ^2 /NDF: 1202642.5/51

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 670.313 $\pm$ 274.716 χ^2 /NDF:24.6/8

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -170.688 $\pm$ 279.515 χ^2 /NDF:4.2/6

Left: 257.094 $\pm$ 195.928 χ^2 /NDF: 33.5/15

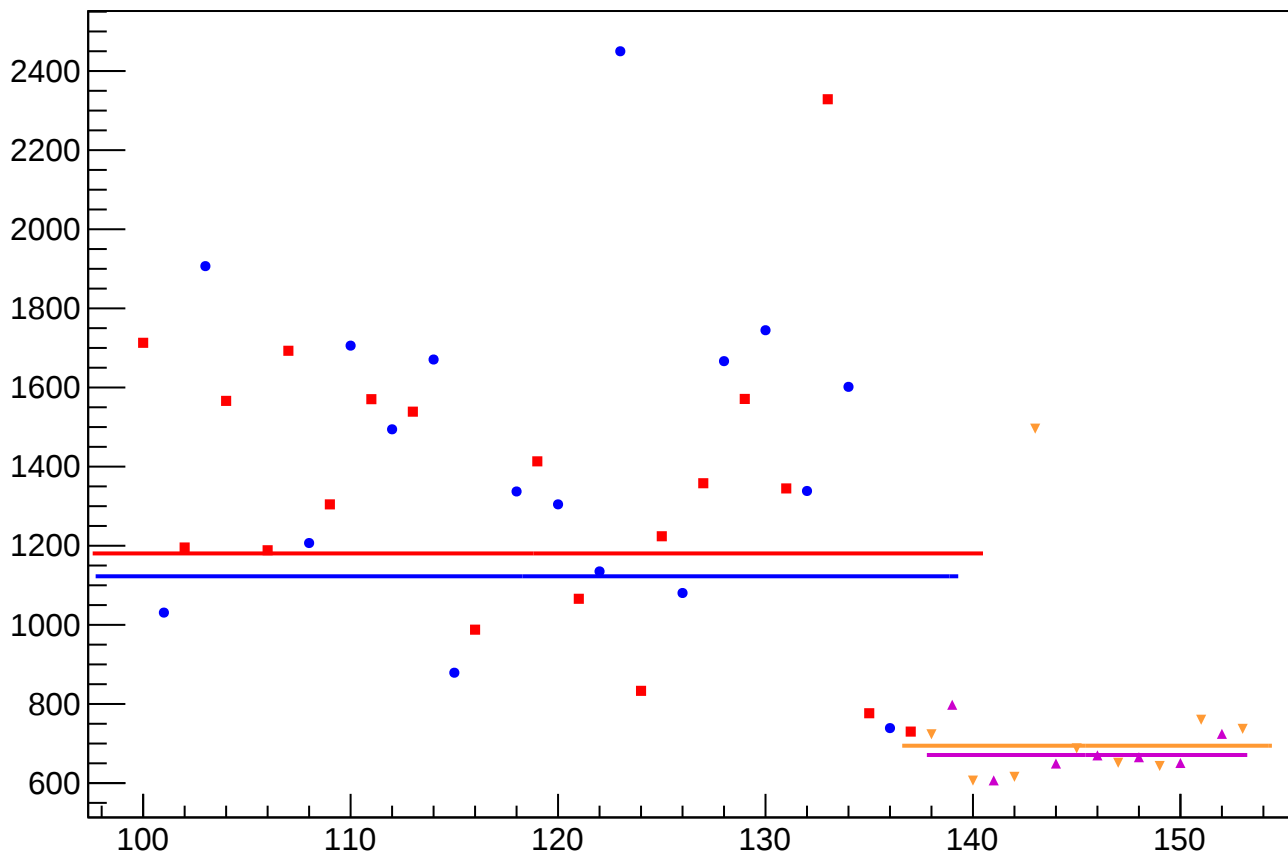
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 123.710 $\pm$ 238.285 χ^2 /NDF:30.3/23

Out: 432.940 $\pm$ 236.303 χ^2 /NDF:44.0/27

All: 279.616 $\pm$ 167.788 χ^2 /NDF: 75.1/51

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 694.498+/-0.194 χ^2/NDF : 525168.0/8

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 671.033+/-0.198 χ^2/NDF : 71640.0/6

Left: 682.968+/-0.139 χ^2/NDF : 603977.5/15

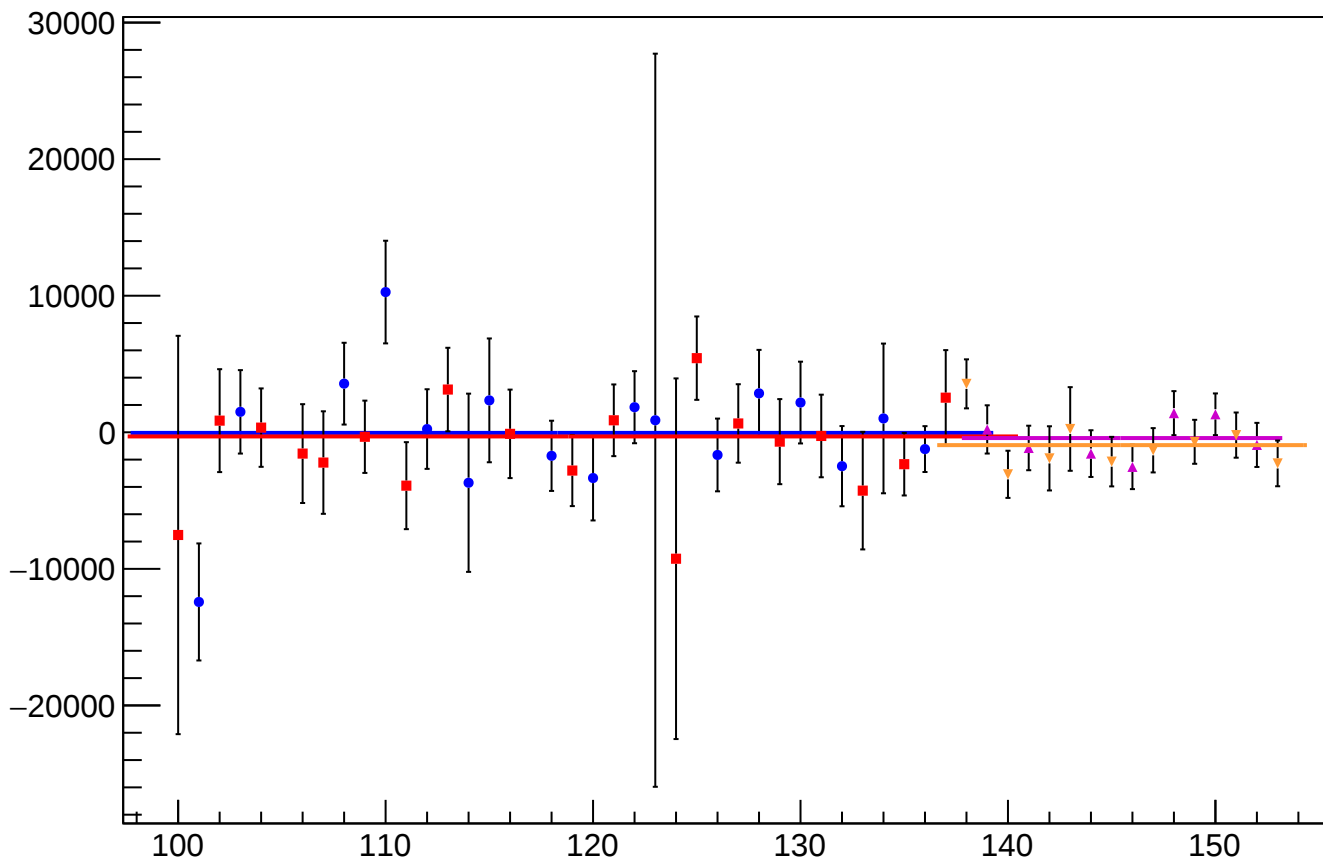
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 794.473+/-0.168 χ^2/NDF : 2687100.4/23

Out: 820.921+/-0.167 χ^2/NDF : 3189010.2/27

All: 807.808+/-0.119 χ^2/NDF : 5888533.4/51

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -939.925 ± 605.639 $\chi^2/\text{NDF}: 9.5/8$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -422.168 ± 618.538 $\chi^2/\text{NDF}: 5.1/6$

Left: -686.501 ± 432.740 $\chi^2/\text{NDF}: 14.9/15$

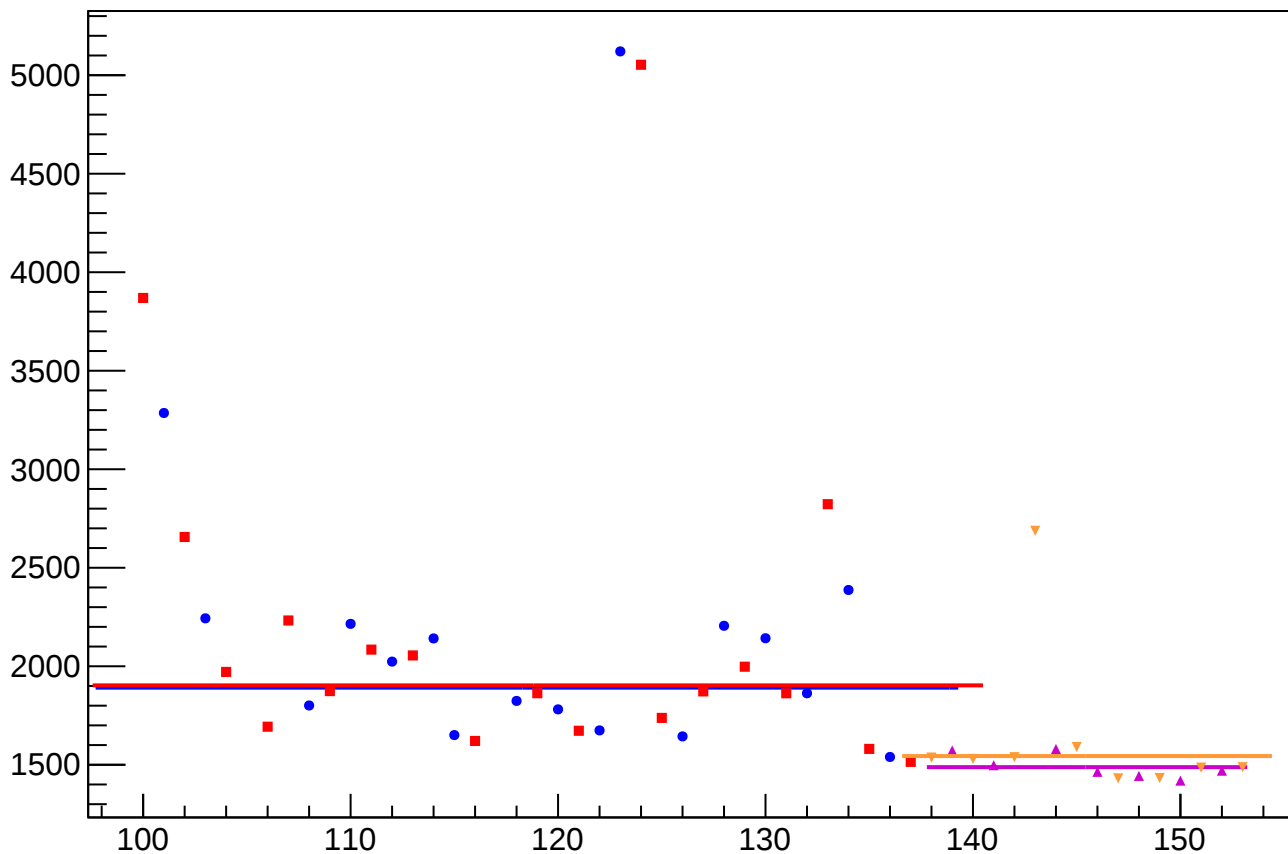
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -268.640 ± 476.567 $\chi^2/\text{NDF}: 28.5/23$

Out: -682.419 ± 467.264 $\chi^2/\text{NDF}: 20.8/27$

All: -479.608 ± 333.646 $\chi^2/\text{NDF}: 49.6/51$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1544.257+/-0.428 χ^2/NDF : 304421.8/8

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1488.047+/-0.437 χ^2/NDF : 16638.8/6

Left: 1516.744+/-0.306 χ^2/NDF : 329492.9/15

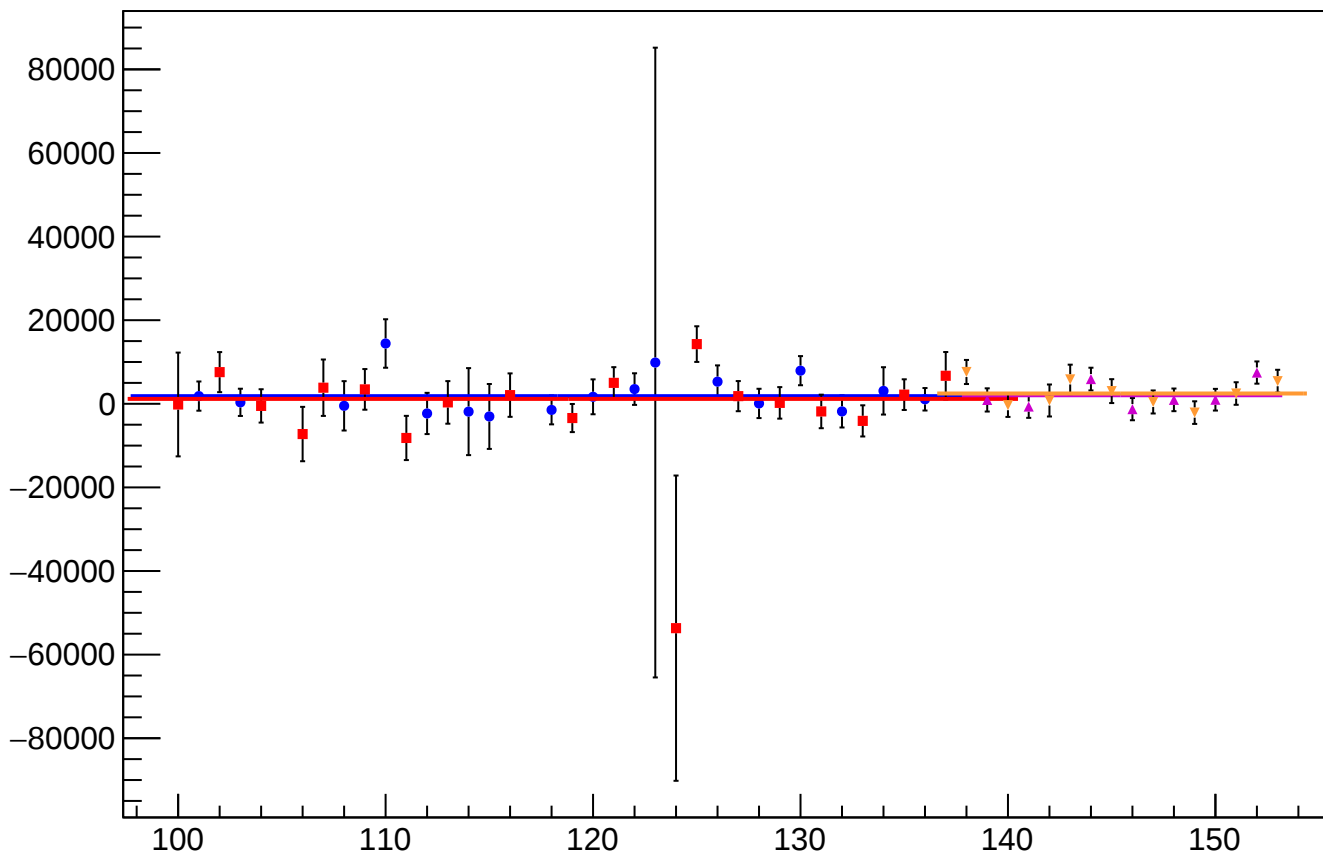
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1652.068+/-0.337 χ^2/NDF : 831802.3/23

Out: 1689.466+/-0.330 χ^2/NDF : 1048617.4/27

All: 1671.136+/-0.236 χ^2/NDF : 1886699.1/51

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2463.242+/-971.917 χ^2/NDF : 9.9/8

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 2045.943+/-1015.438 χ^2/NDF : 9.3/6

Left: 2263.726+/-702.131 χ^2/NDF : 19.2/15

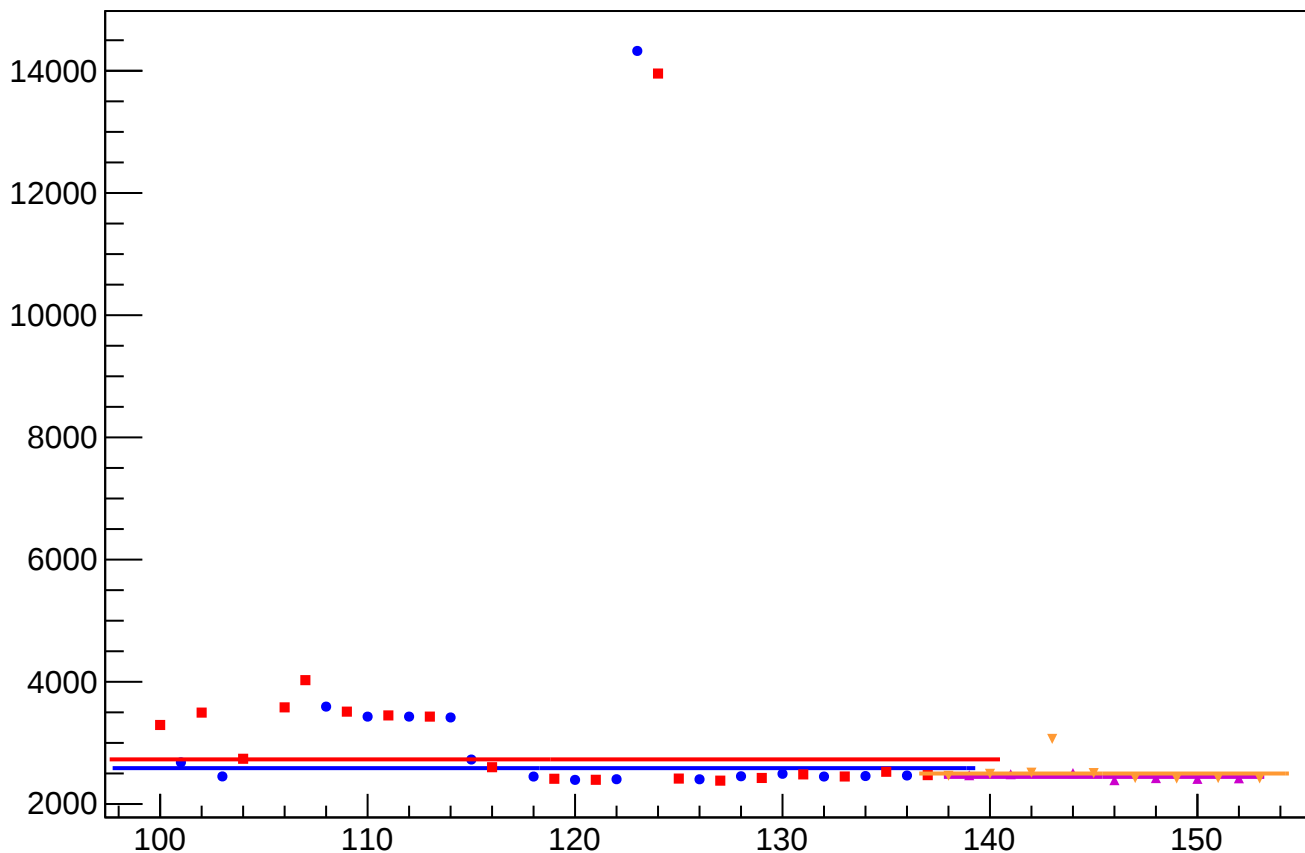
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1934.918+/-716.152 χ^2/NDF : 21.8/23

Out: 1865.650+/-712.060 χ^2/NDF : 36.2/27

All: 1900.085+/-504.943 χ^2/NDF : 58.0/51

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2499.104+/-0.687 χ^2/NDF : 58789.3/8

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2443.849+/-0.718 χ^2/NDF : 3162.1/6

Left: 2472.686+/-0.496 χ^2/NDF : 65042.0/15

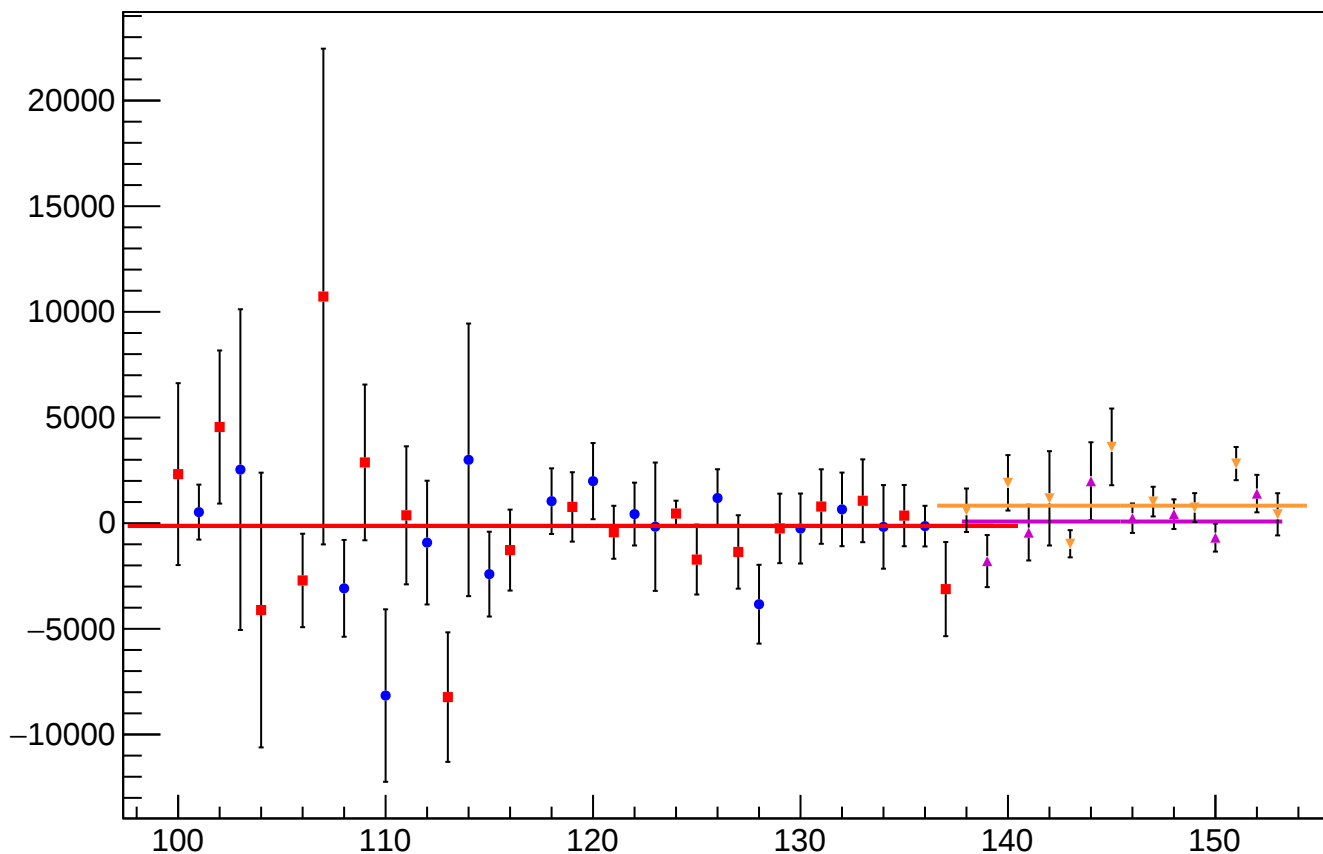
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2515.786+/-0.506 χ^2/NDF : 277246.1/23

Out: 2606.290+/-0.504 χ^2/NDF : 696291.7/27

All: 2561.297+/-0.357 χ^2/NDF : 989600.2/51

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 828.544+/-298.296 χ^2/NDF : 17.6/8

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 77.945+/-330.186 χ^2/NDF : 7.4/6

Left: 491.234+/-221.345 χ^2/NDF : 27.9/15

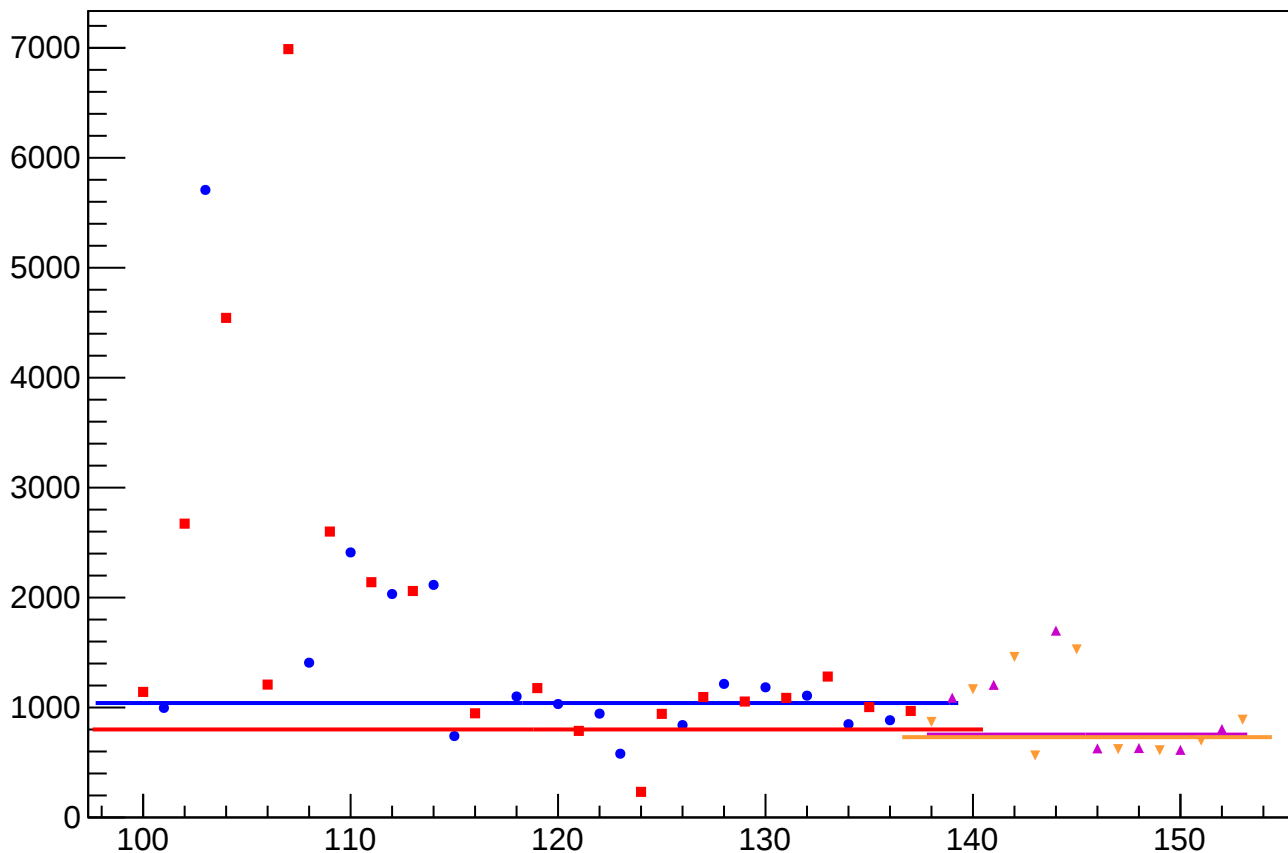
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 3.031+/-262.056 χ^2/NDF : 22.2/23

Out: 460.375+/-234.506 χ^2/NDF : 39.5/27

All: 257.000+/-174.752 χ^2/NDF : 63.4/51

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 730.460+/-0.211 χ^2/NDF : 1154211.6/8

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 753.726+/-0.233 χ^2/NDF : 1129526.2/6

Left: 740.915+/-0.157 χ^2/NDF : 2289205.3/15

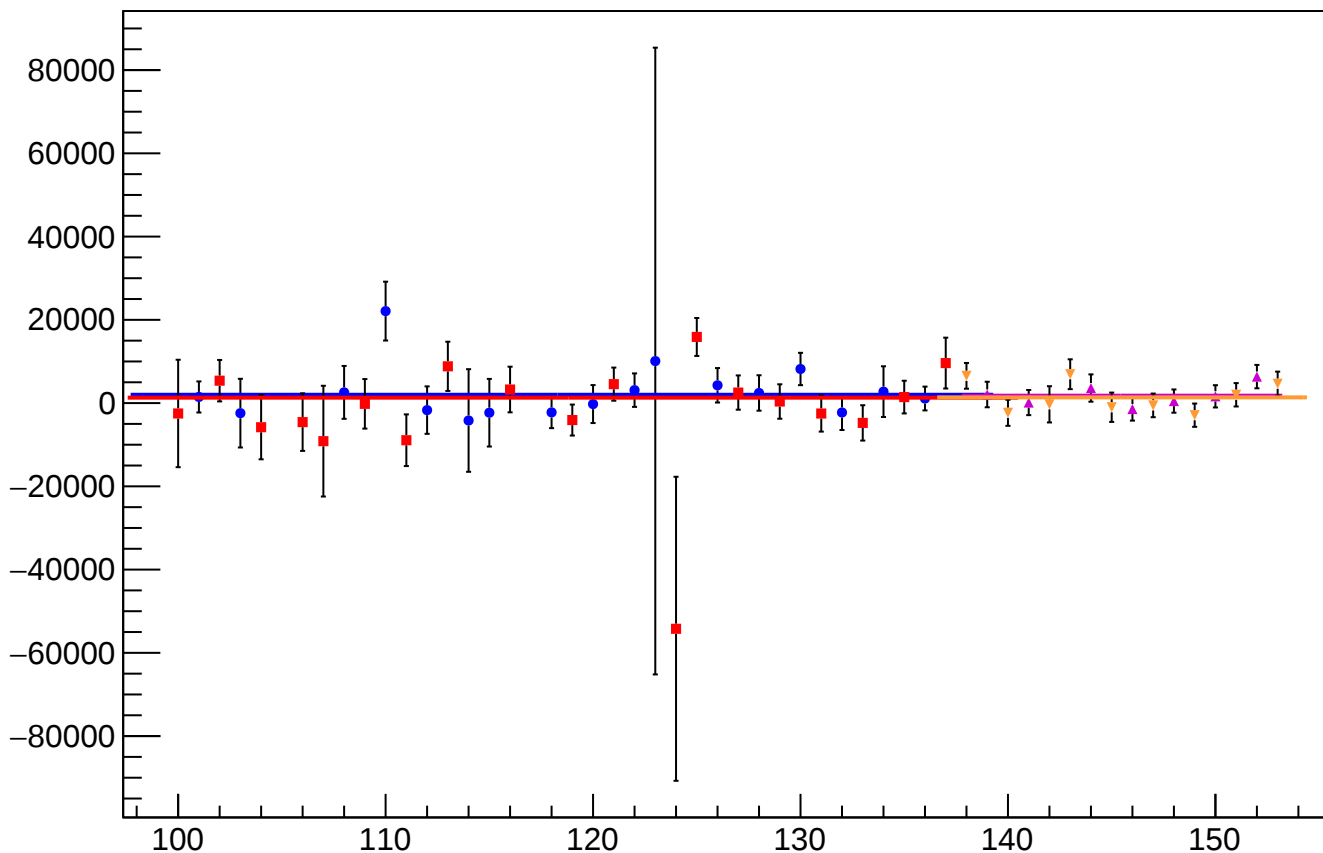
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 859.957+/-0.185 χ^2/NDF : 3261931.2/23

Out: 757.177+/-0.166 χ^2/NDF : 6383243.3/27

All: 802.882+/-0.124 χ^2/NDF : 9816015.3/51

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1370.034+/-1045.480 χ^2/NDF : 11.3/8

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1777.665+/-1095.847 χ^2/NDF : 4.8/6

Left: 1564.267+/-756.446 χ^2/NDF : 16.2/15

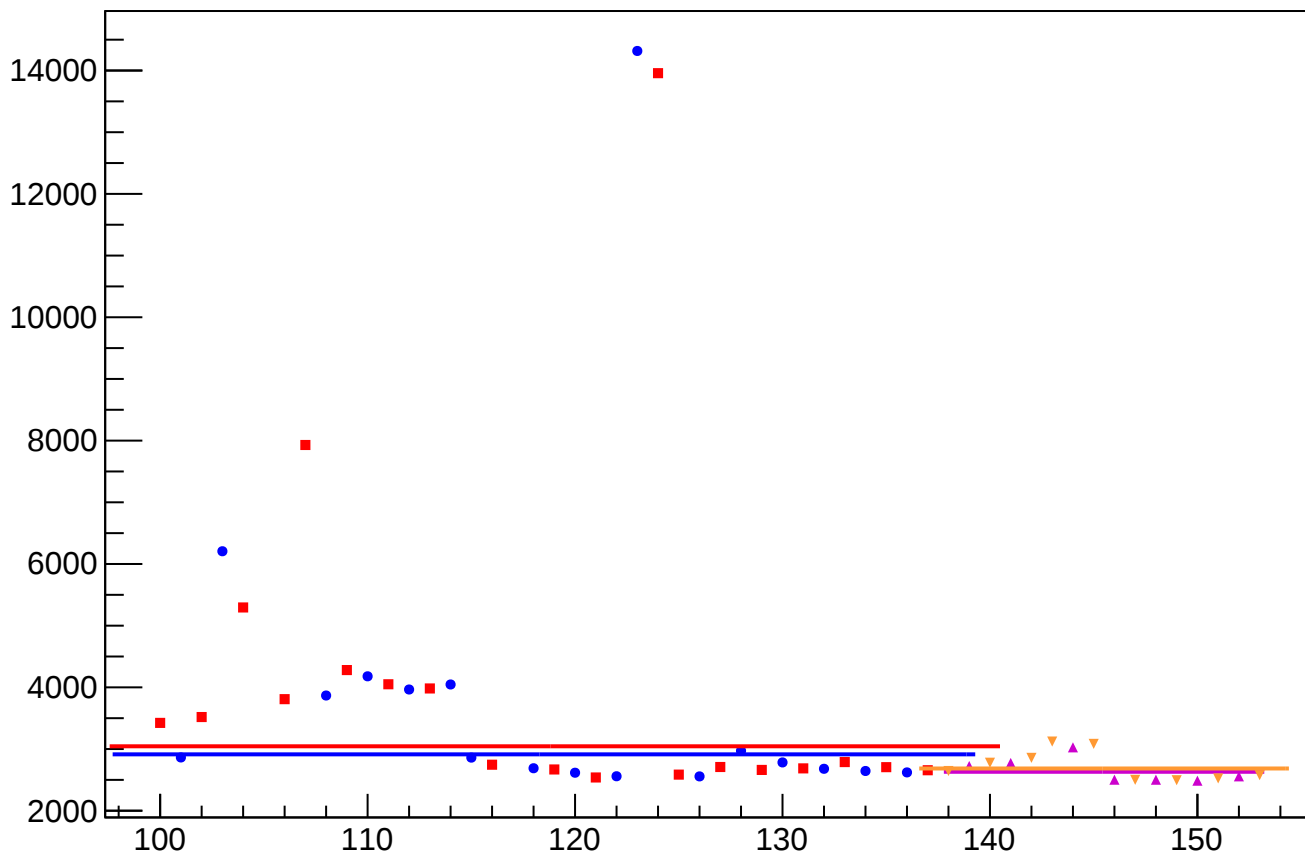
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1881.218+/-794.988 χ^2/NDF : 19.8/23

Out: 1341.286+/-785.032 χ^2/NDF : 38.9/27

All: 1607.850+/-558.588 χ^2/NDF : 58.9/51

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2684.641+/-0.739 χ^2/NDF : 87551.5/8

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

Left: 2659.177+/-0.535 χ^2/NDF : 141306.2/15

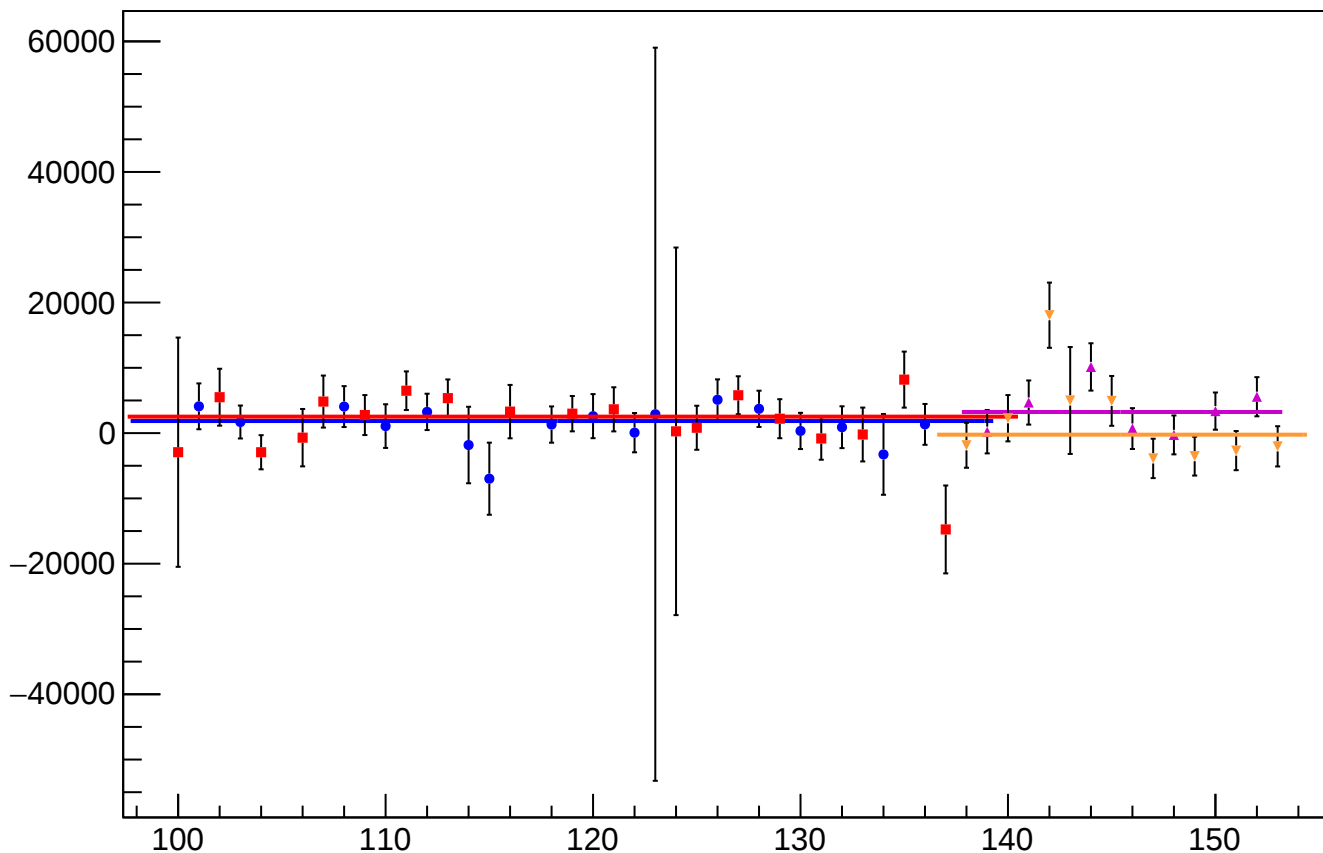
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2765.107+/-0.562 χ^2/NDF : 753290.4/23

Out: 2841.592+/-0.555 χ^2/NDF : 1196216.5/27

All: 2803.831+/-0.395 χ^2/NDF : 1958879.6/51

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -238.057 $\pm$ 1173.002 χ^2 /NDF:20.1/8

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 3236.147 $\pm$ 1192.383 χ^2 /NDF:7.3/6

Left: 1470.581 $\pm$ 836.206 χ^2 /NDF: 31.7/15

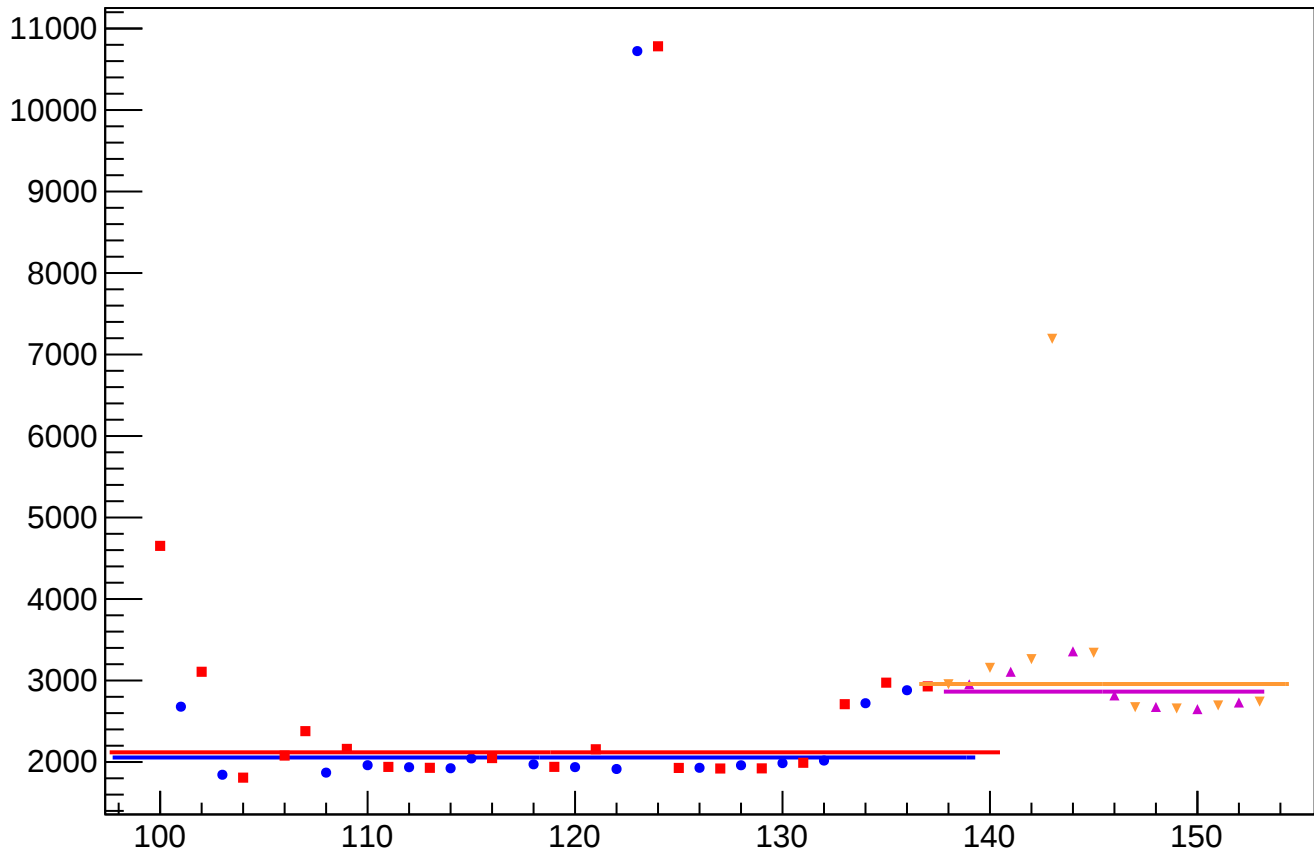
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2285.349 $\pm$ 668.187 χ^2 /NDF:15.5/23

Out: 1619.171 $\pm$ 671.202 χ^2 /NDF:43.9/27

All: 1953.760 $\pm$ 473.542 χ^2 /NDF: 59.9/51

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2957.128+/-0.829 χ^2/NDF : 632670.0/8

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2863.529+/-0.843 χ^2/NDF : 72768.0/6

Left: 2911.095+/-0.591 χ^2/NDF : 711700.7/15

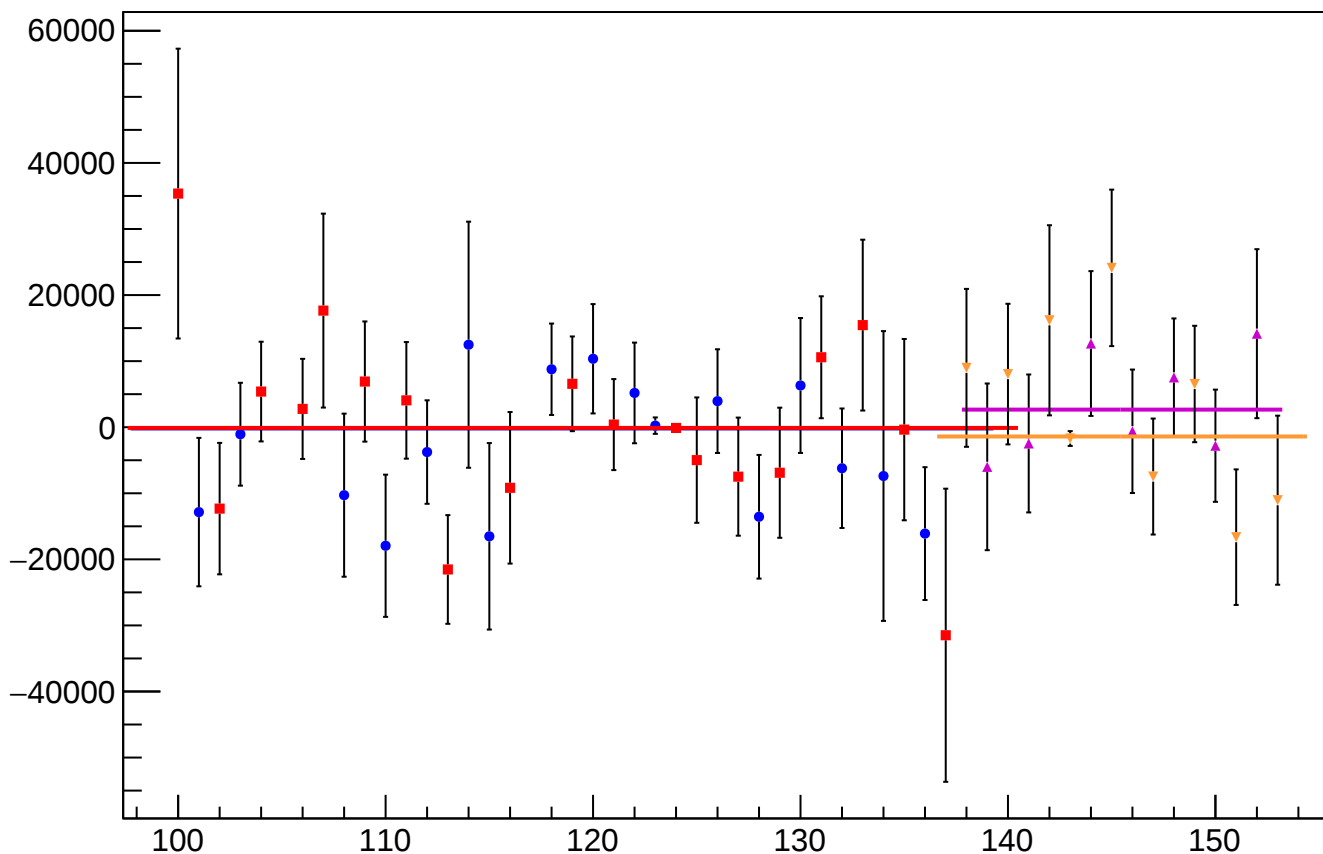
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2309.205+/-0.472 χ^2/NDF : 1019264.4/23

Out: 2392.737+/-0.474 χ^2/NDF : 1894135.9/27

All: 2350.825+/-0.335 χ^2/NDF : 2928973.8/51

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1406.757 ± 1076.307 $\chi^2/\text{NDF}: 11.8/8$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 2663.616 ± 3840.689 $\chi^2/\text{NDF}: 3.2/6$

Left: -1110.373 ± 1036.381 $\chi^2/\text{NDF}: 16.1/15$

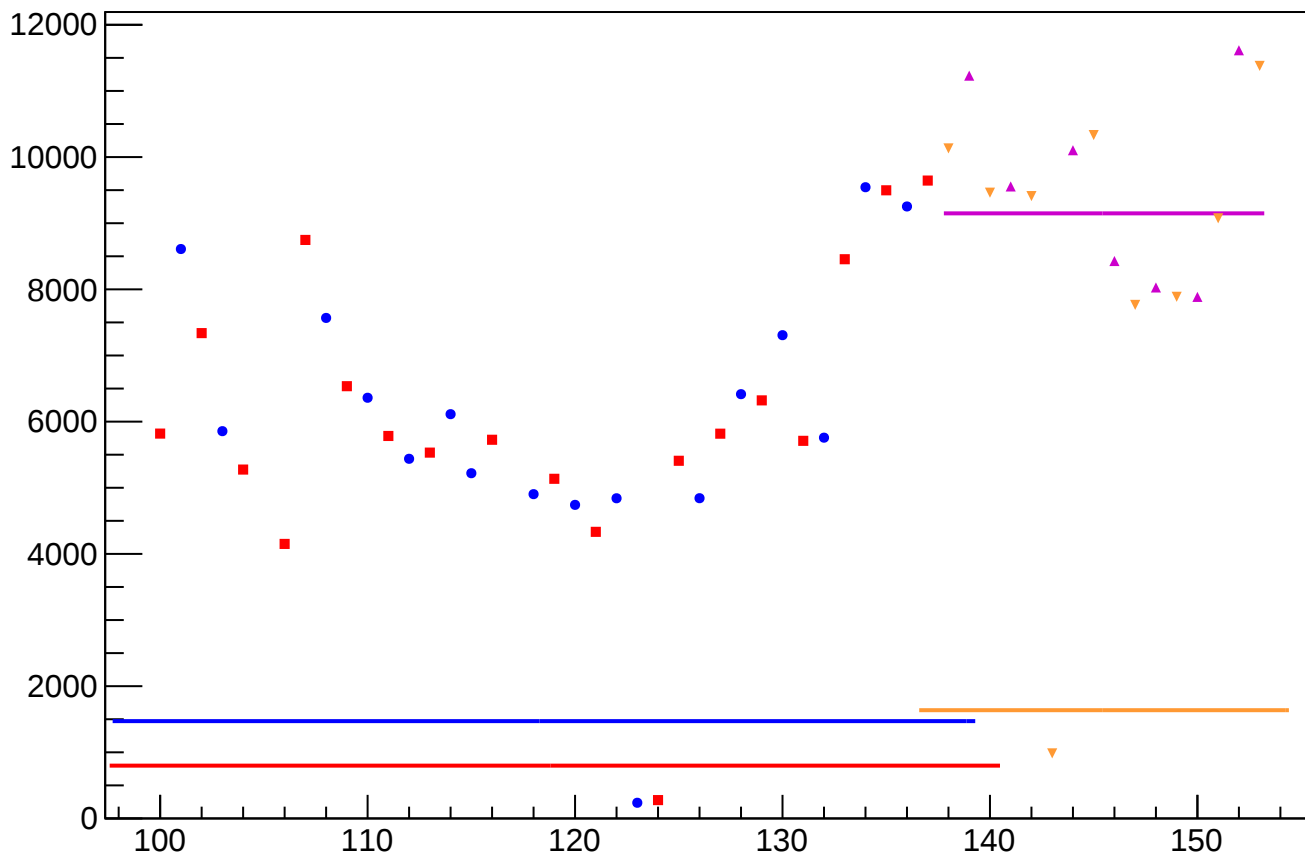
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 31.010 ± 1058.175 $\chi^2/\text{NDF}: 20.1/23$

Out: -485.893 ± 581.262 $\chi^2/\text{NDF}: 34.4/27$

All: -366.077 ± 509.460 $\chi^2/\text{NDF}: 54.7/51$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 1636.865 $\pm$ 0.761 χ^2 /NDF: 8623005.1/8

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9149.016 $\pm$ 2.716 χ^2 /NDF: 234708.7/6

Left: 2183.862 $\pm$ 0.733 χ^2 /NDF: 15951968.5/15

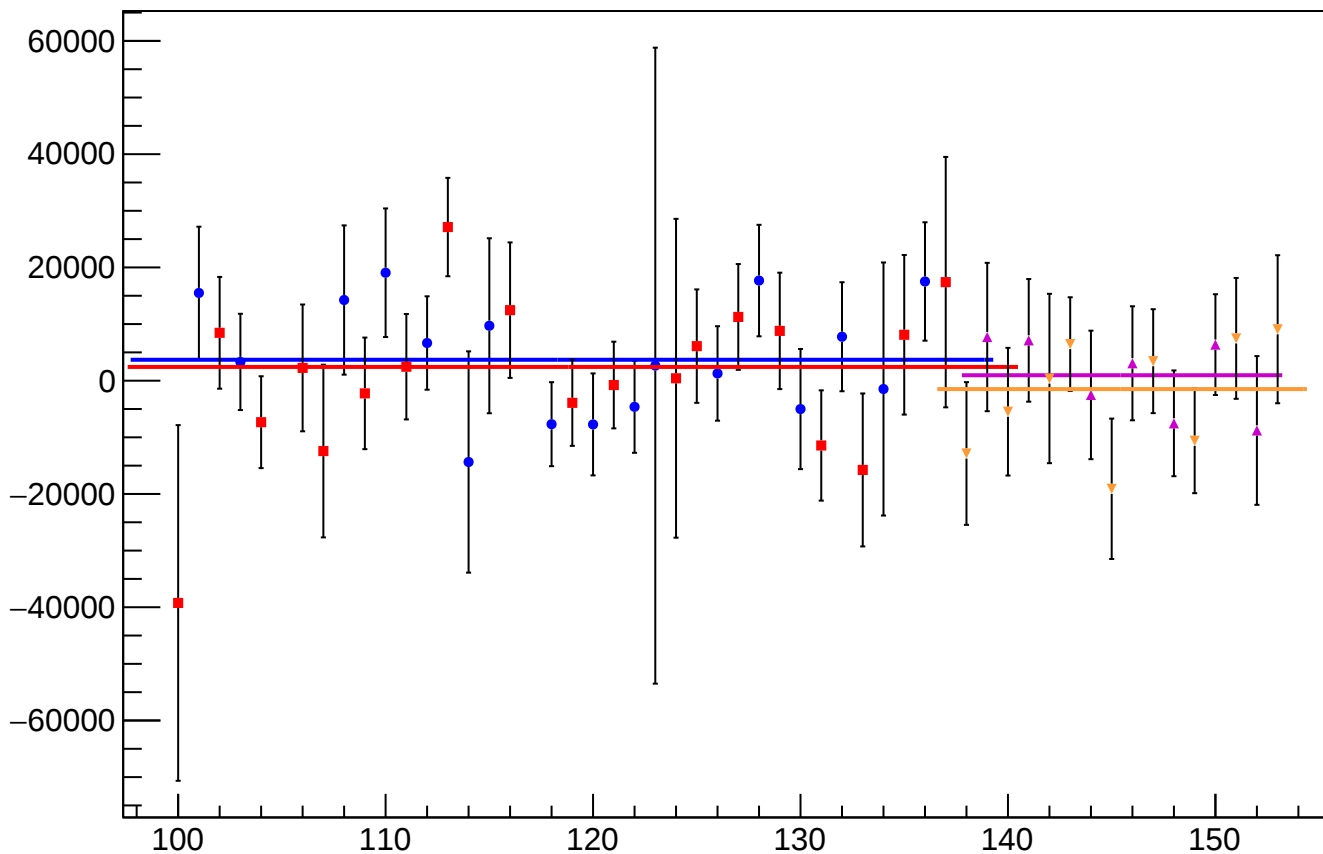
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2054.398 $\pm$ 0.748 χ^2 /NDF: 17408045.8/23

Out: 1043.115 $\pm$ 0.411 χ^2 /NDF: 21009738.0/27

All: 1277.526 $\pm$ 0.360 χ^2 /NDF: 39821040.2/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -1481.390+/-3581.757 χ^2/NDF : 6.5/8

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 963.843+/-4019.888 χ^2/NDF : 2.5/6

Left: -399.241+/-2674.221 χ^2/NDF : 9.2/15

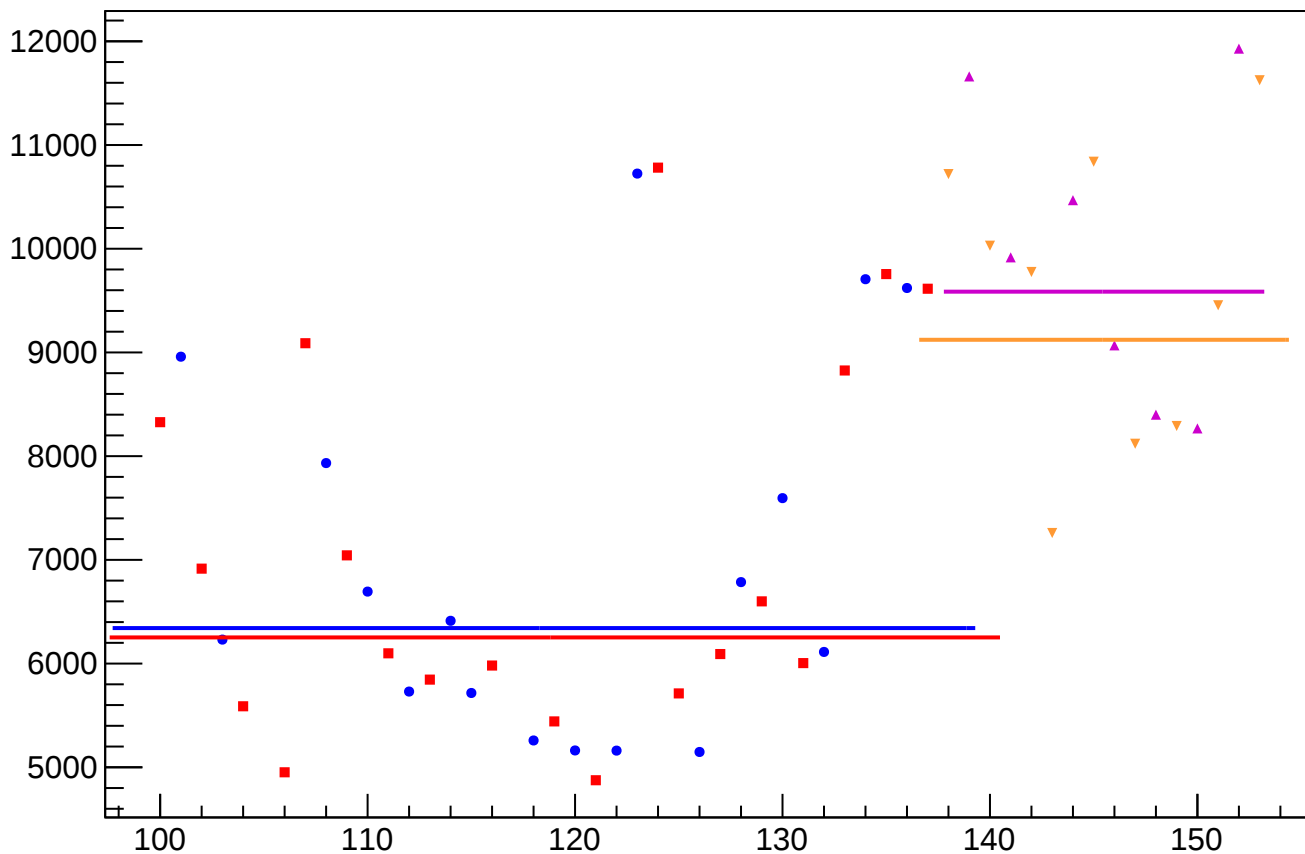
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2927.868+/-2133.899 χ^2/NDF : 17.2/23

Out: 1203.257+/-2006.019 χ^2/NDF : 27.6/27

All: 2012.341+/-1461.588 χ^2/NDF : 45.2/51

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2 /NDF: 593668.9/16

Left Out: 9122.058 $\pm$ 2.533 χ^2 /NDF:304194.7/8

Right Out: 6252.137 $\pm$ 1.712 χ^2 /NDF: 538031.2/18

Left In: 9585.997 $\pm$ 2.842 χ^2 /NDF:209294.4/6

Left: 9327.376 $\pm$ 1.891 χ^2 /NDF: 528339.1/15

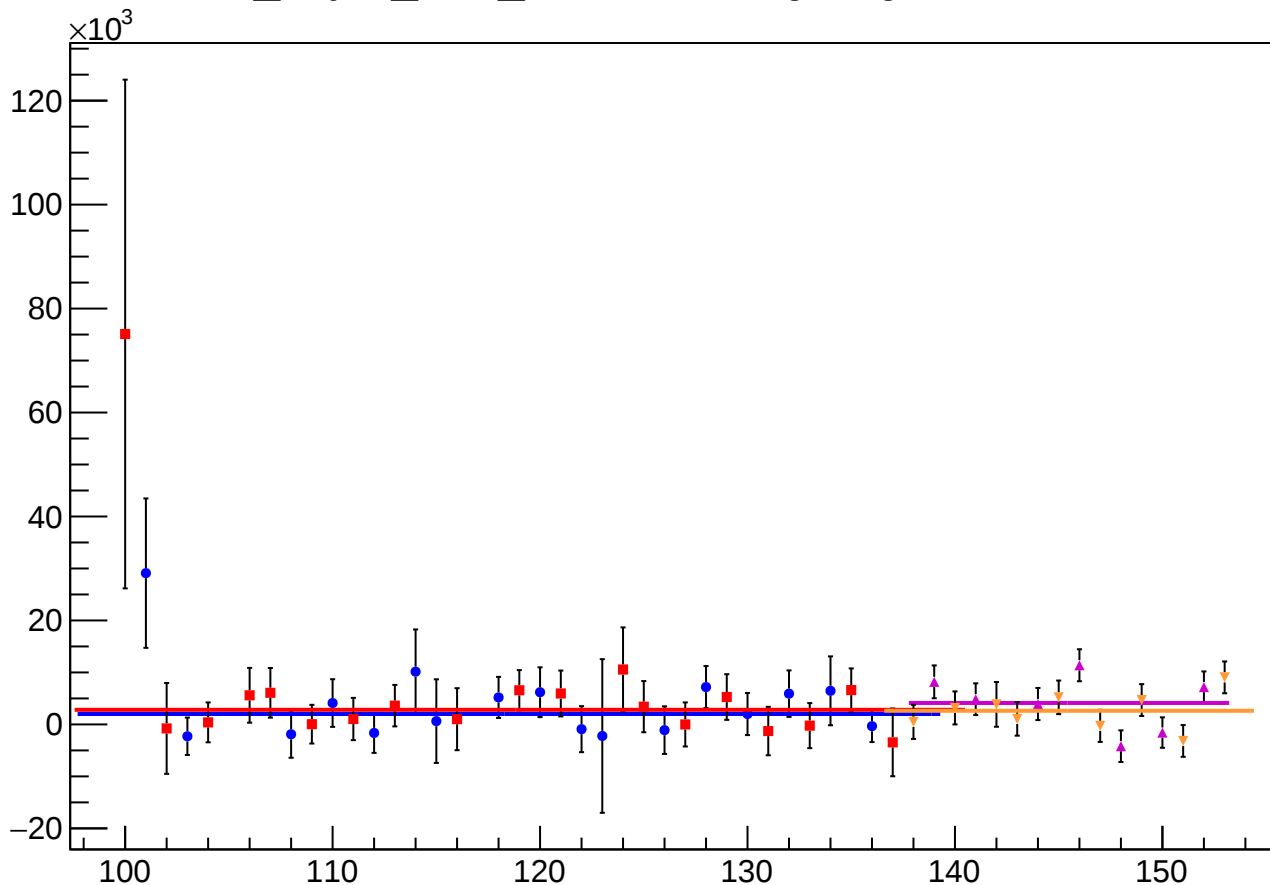
Right: 6295.468 $\pm$ 1.234 χ^2 /NDF: 1133033.3/35

In: 7256.342 $\pm$ 1.509 χ^2 /NDF:1738219.1/23

Out: 7152.299 $\pm$ 1.418 χ^2 /NDF:1723519.7/27

All: 7201.108 $\pm$ 1.033 χ^2 /NDF: 3464263.0/51

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2623.999 $\pm$ 1076.095 χ^2 /NDF:10.8/8

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 4128.218 $\pm$ 1152.953 χ^2 /NDF:19.5/6

Left: 3324.304 $\pm$ 786.683 χ^2 /NDF: 31.2/15

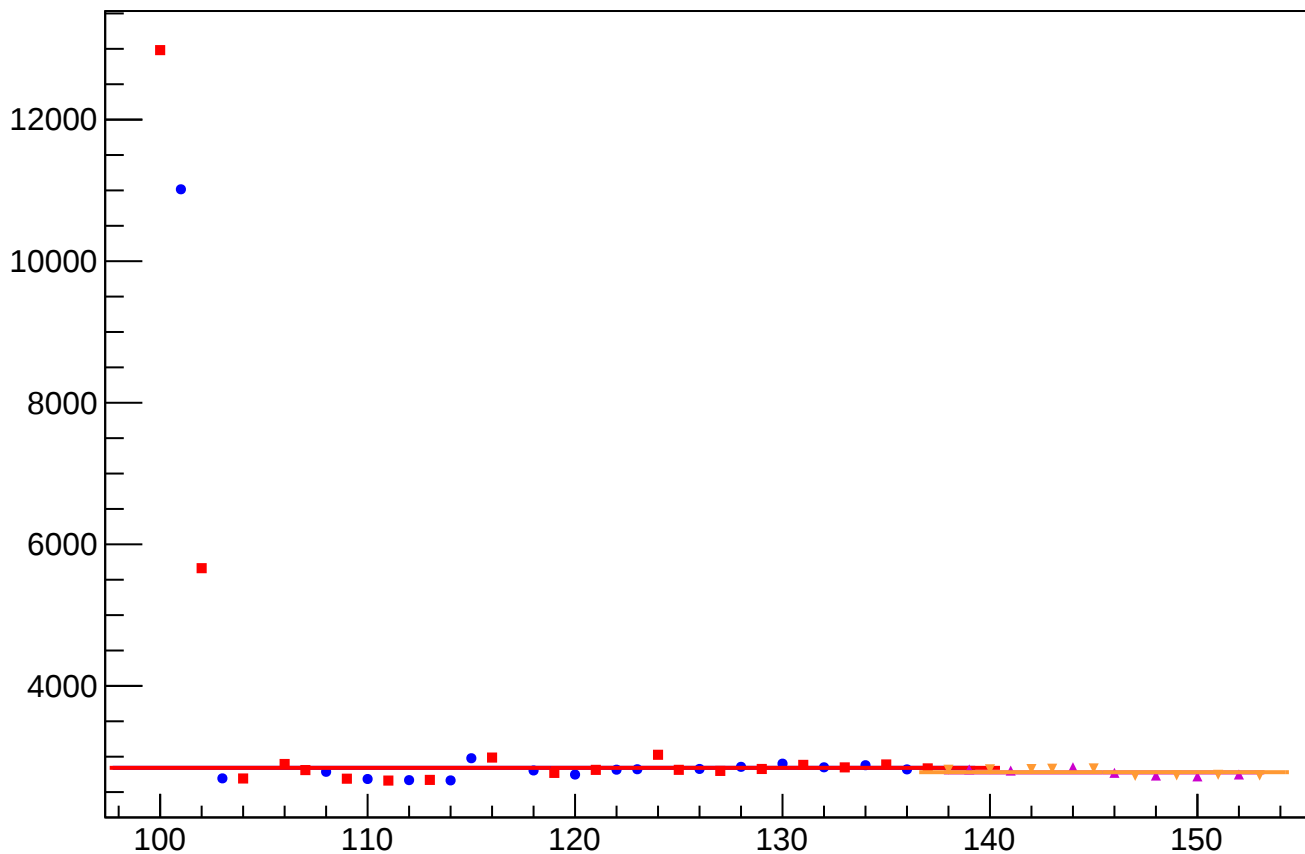
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 3040.755 $\pm$ 805.354 χ^2 /NDF:35.0/23

Out: 2716.944 $\pm$ 764.581 χ^2 /NDF:21.3/27

All: 2870.445 $\pm$ 554.495 χ^2 /NDF: 56.3/51

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2780.933+/-0.761 χ^2/NDF : 3585.2/8

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2777.475+/-0.815 χ^2/NDF : 2981.3/6

Left: 2779.323+/-0.556 χ^2/NDF : 6576.1/15

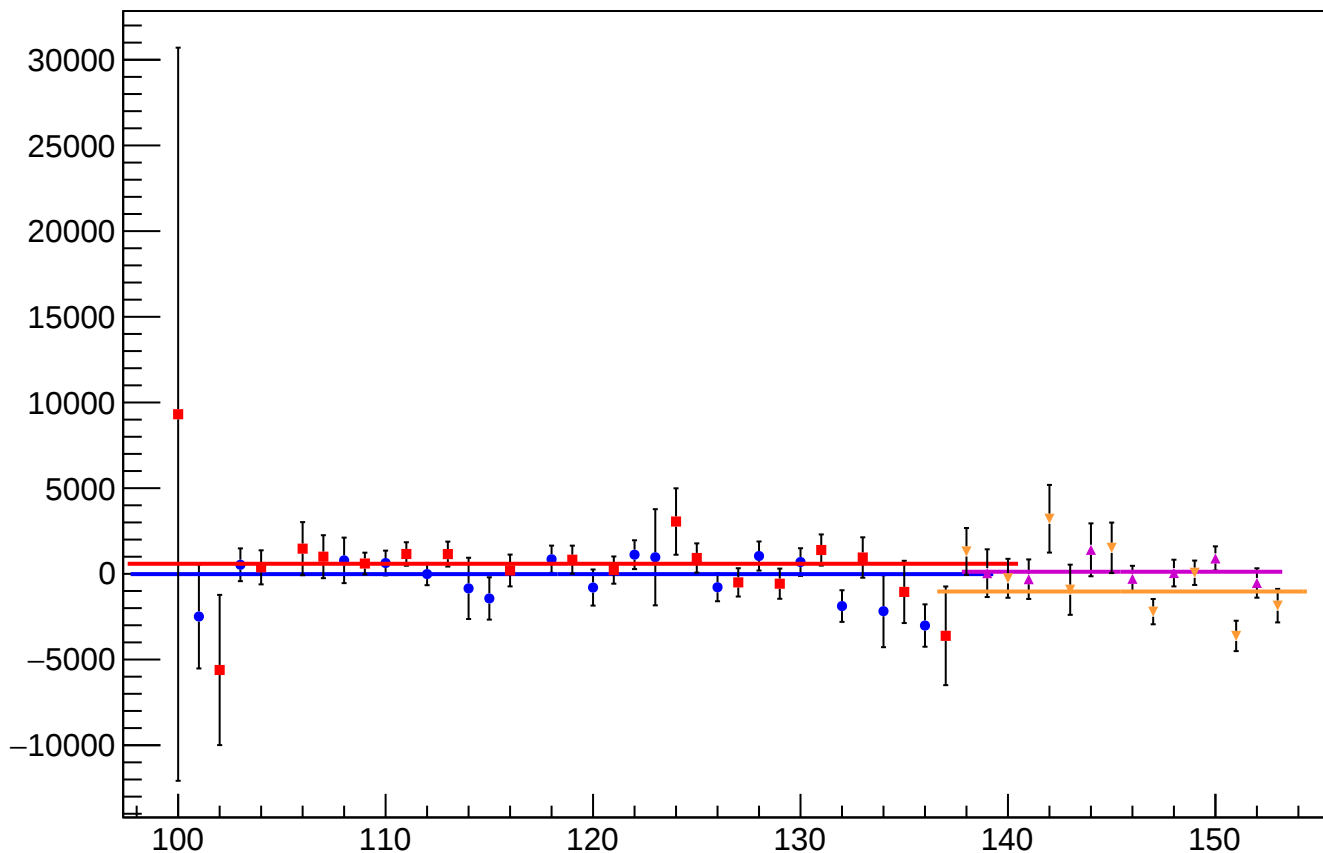
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2810.838+/-0.569 χ^2/NDF : 666556.9/23

Out: 2811.390+/-0.541 χ^2/NDF : 319156.2/27

All: 2811.128+/-0.392 χ^2/NDF : 985713.6/51

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1030.363 ± 340.590 χ^2/NDF : 25.2/8

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 122.366 ± 344.326 χ^2/NDF : 2.9/6

Left: -460.286 ± 242.144 χ^2/NDF : 33.7/15

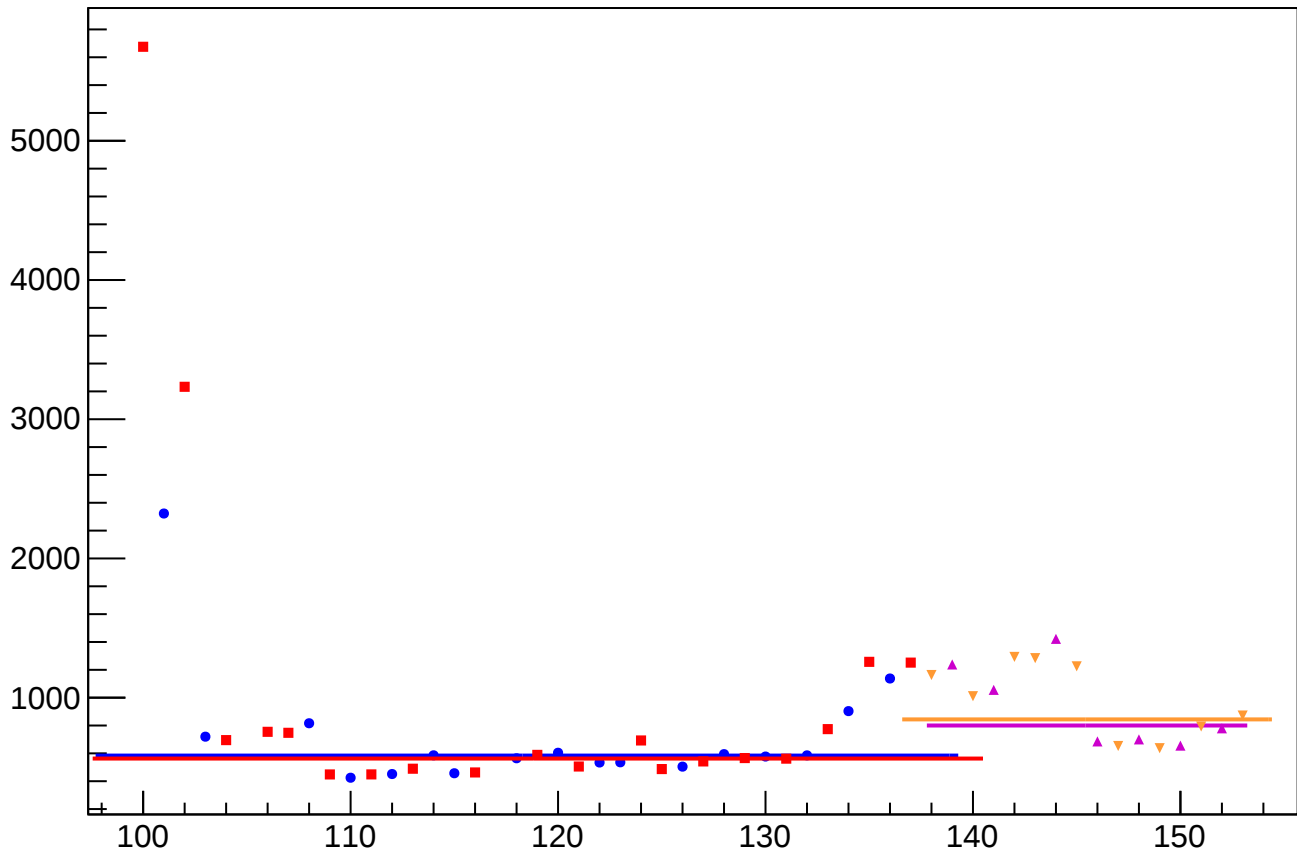
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 29.203 ± 196.262 χ^2/NDF : 24.6/23

Out: 94.279 ± 188.197 χ^2/NDF : 54.3/27

All: 63.105 ± 135.837 χ^2/NDF : 79.0/51

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 843.968+/-0.241 χ^2/NDF : 880452.9/8

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 800.123+/-0.243 χ^2/NDF : 785189.4/6

Left: 822.284+/-0.171 χ^2/NDF : 1682033.7/15

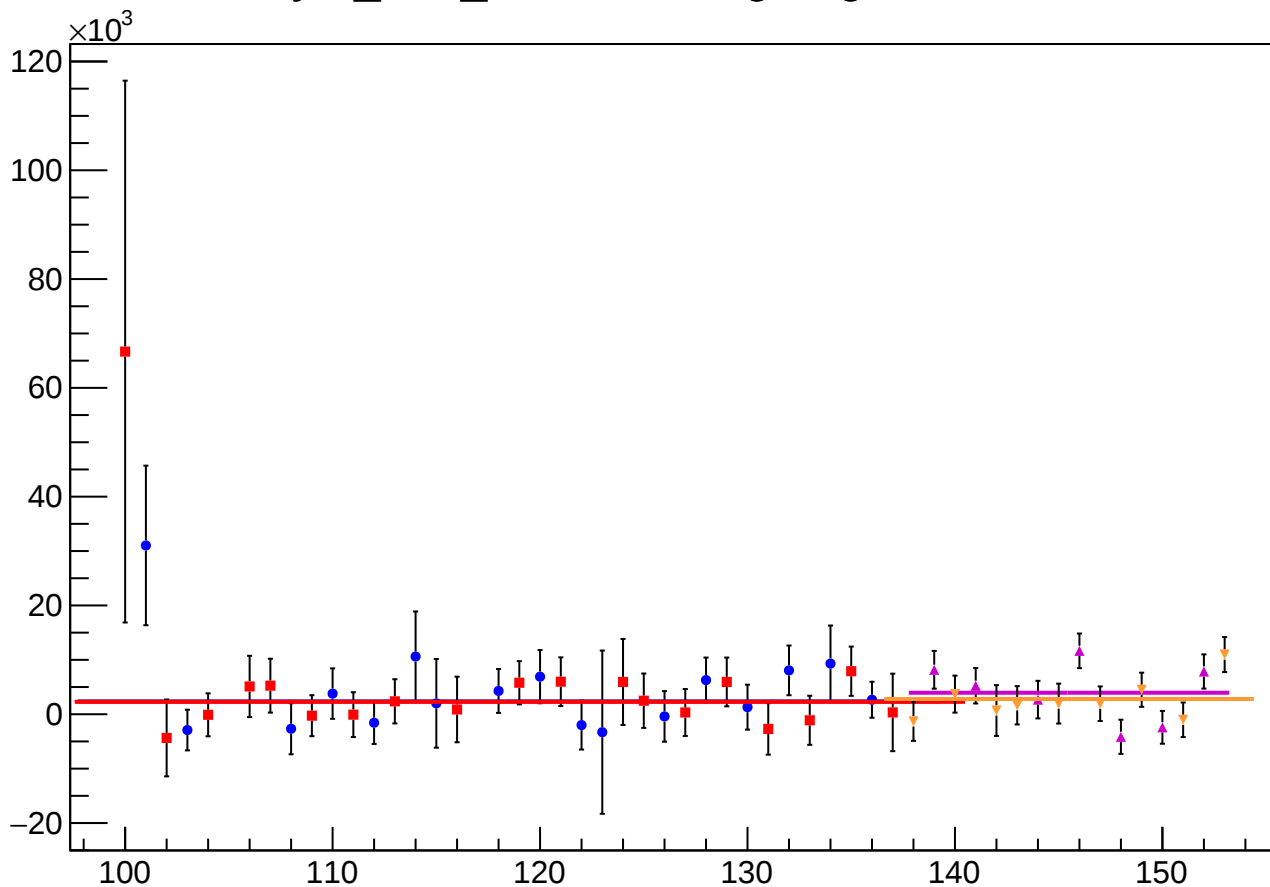
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 654.253+/-0.139 χ^2/NDF : 2753477.3/23

Out: 648.572+/-0.133 χ^2/NDF : 3467592.5/27

All: 651.293+/-0.096 χ^2/NDF : 6221942.6/51

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2803.012 $\pm$ 1145.680 χ^2 /NDF:10.0/8

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 3952.974 $\pm$ 1219.501 χ^2 /NDF:20.3/6

Left: 3342.136 $\pm$ 834.997 χ^2 /NDF: 30.8/15

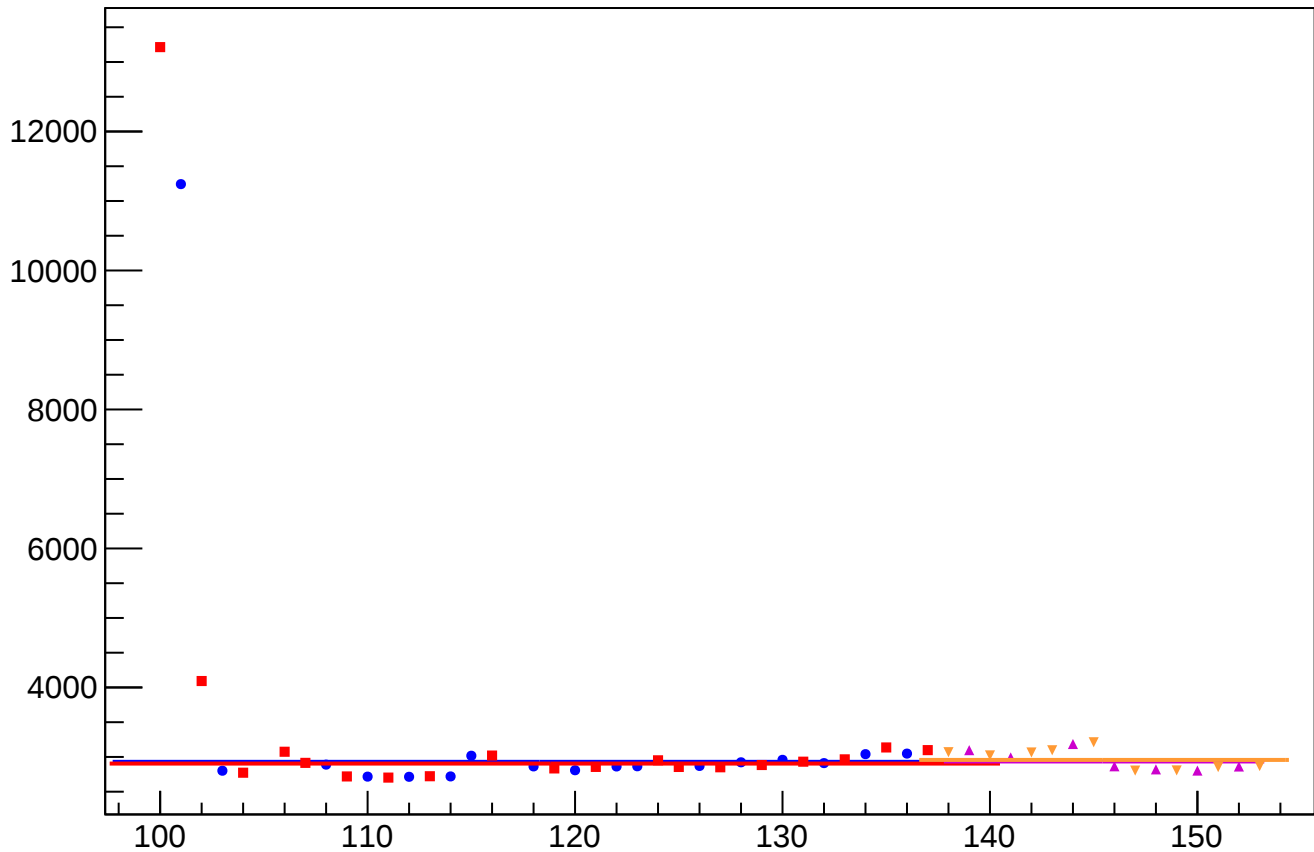
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3118.109 $\pm$ 840.470 χ^2 /NDF:36.2/23

Out: 2532.341 $\pm$ 797.818 χ^2 /NDF:20.4/27

All: 2809.985 $\pm$ 578.634 χ^2 /NDF: 56.9/51

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2957.155+/-0.810 χ^2/NDF : 29346.6/8

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2934.910+/-0.862 χ^2/NDF : 24027.5/6

Left: 2946.726+/-0.590 χ^2/NDF : 53727.6/15

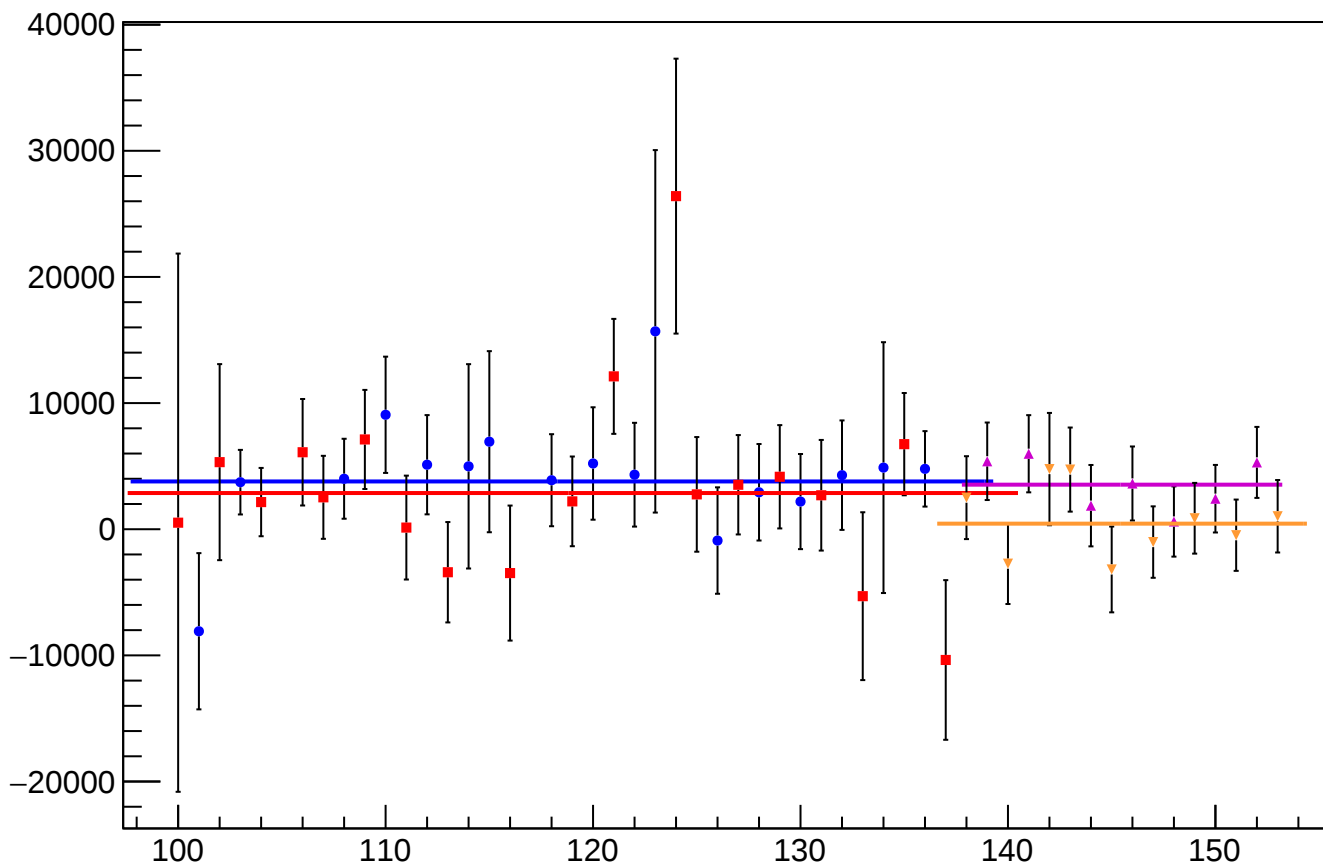
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2932.150+/-0.594 χ^2/NDF : 686676.0/23

Out: 2930.070+/-0.564 χ^2/NDF : 200805.4/27

All: 2931.056+/-0.409 χ^2/NDF : 887487.9/51

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 442.054+/-1045.092 χ^2/NDF : 5.5/8

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3532.621+/-1104.470 χ^2/NDF : 2.9/6

Left: 1902.032+/-759.116 χ^2/NDF : 12.6/15

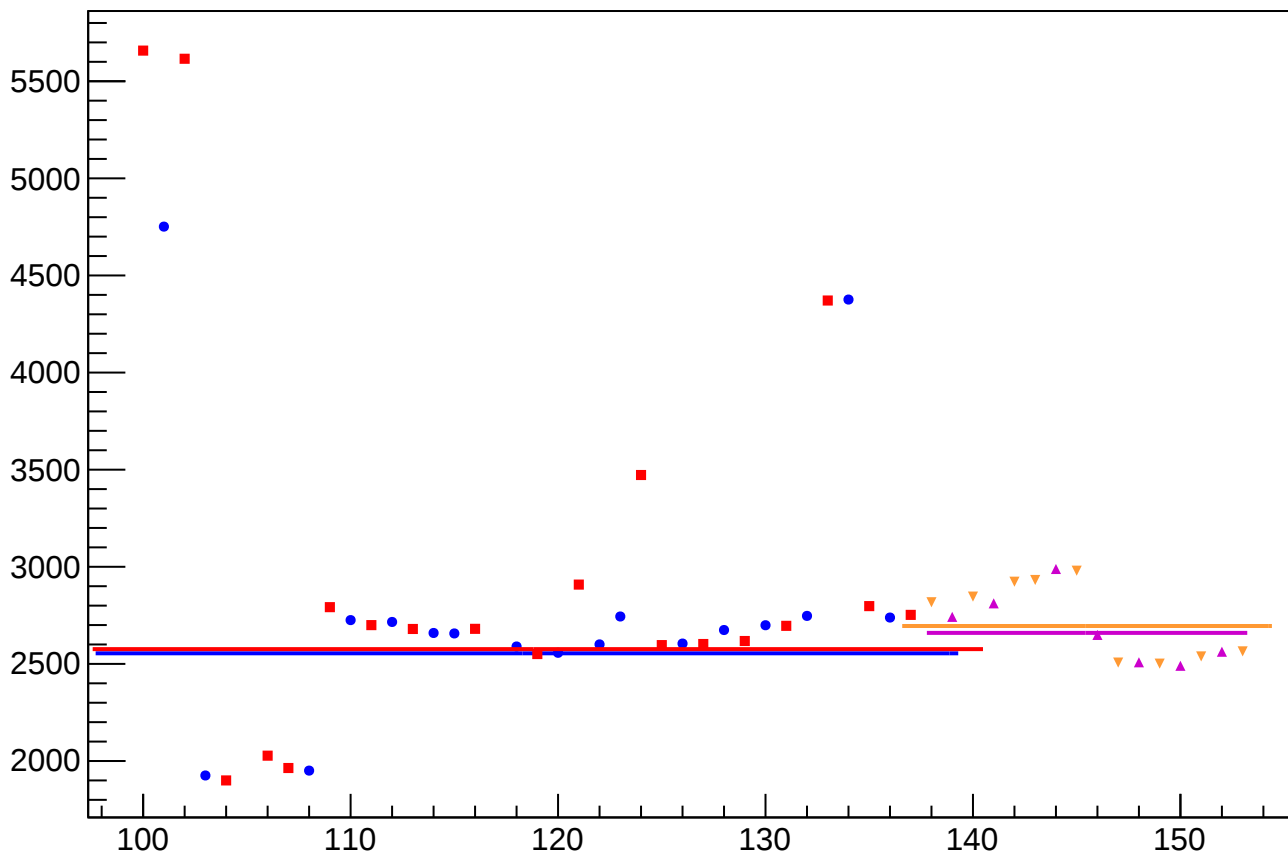
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3671.846+/-744.586 χ^2/NDF : 10.7/23

Out: 1705.677+/-723.639 χ^2/NDF : 30.4/27

All: 2660.716+/-518.937 χ^2/NDF : 44.7/51

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2695.096 $\pm$ 0.739 χ^2 /NDF:65293.5/8

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2659.686 $\pm$ 0.781 χ^2 /NDF:43509.8/6

Left: 2678.368 $\pm$ 0.537 χ^2 /NDF: 109887.8/15

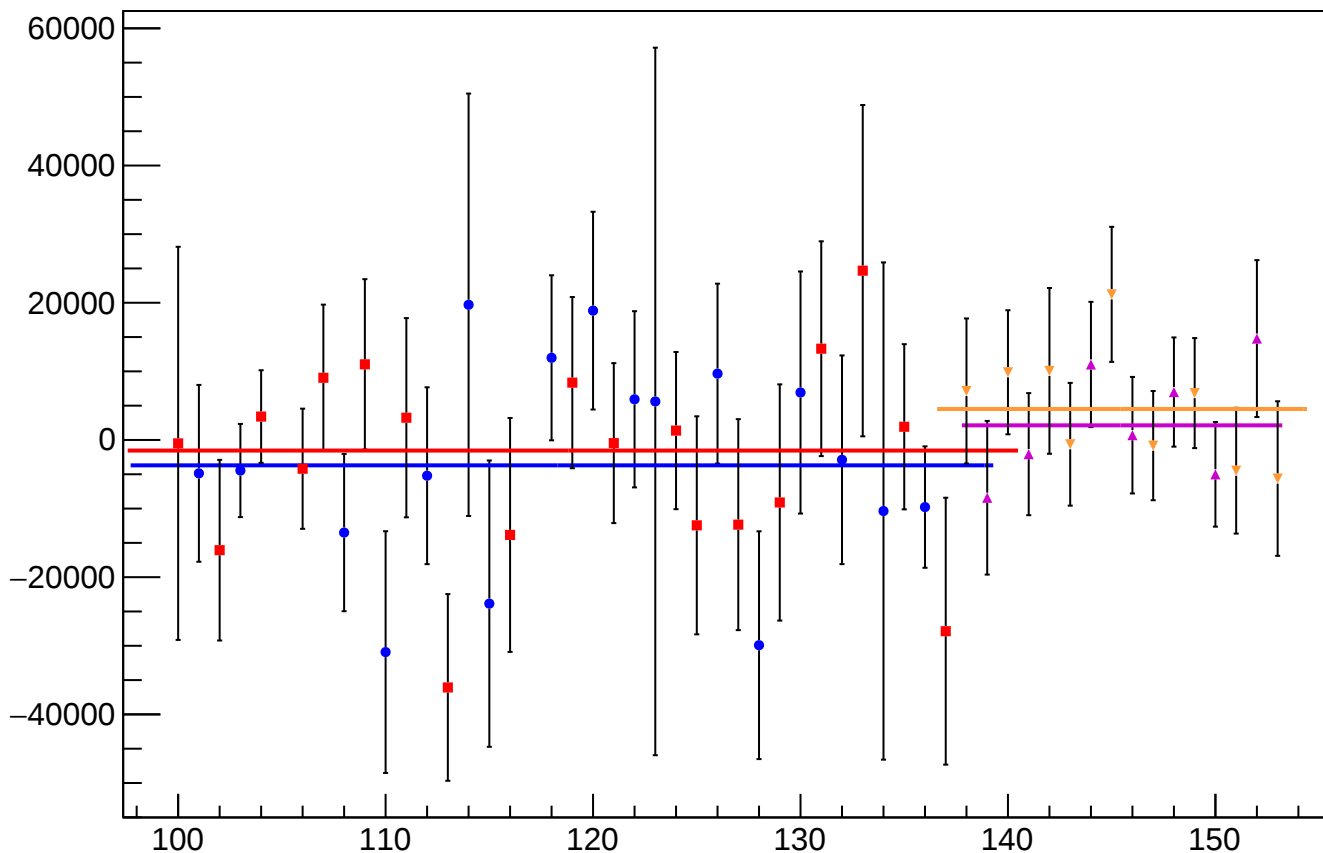
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2602.326 $\pm$ 0.527 χ^2 /NDF:590024.5/23

Out: 2633.115 $\pm$ 0.512 χ^2 /NDF:843958.0/27

All: 2618.163 $\pm$ 0.367 χ^2 /NDF: 1435741.6/51

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 4515.941 $\pm$ 3131.710 χ^2/NDF : 6.1/8

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2129.492 $\pm$ 3388.338 χ^2/NDF : 4.6/6

Left: 3416.502 $\pm$ 2299.833 χ^2/NDF : 11.0/15

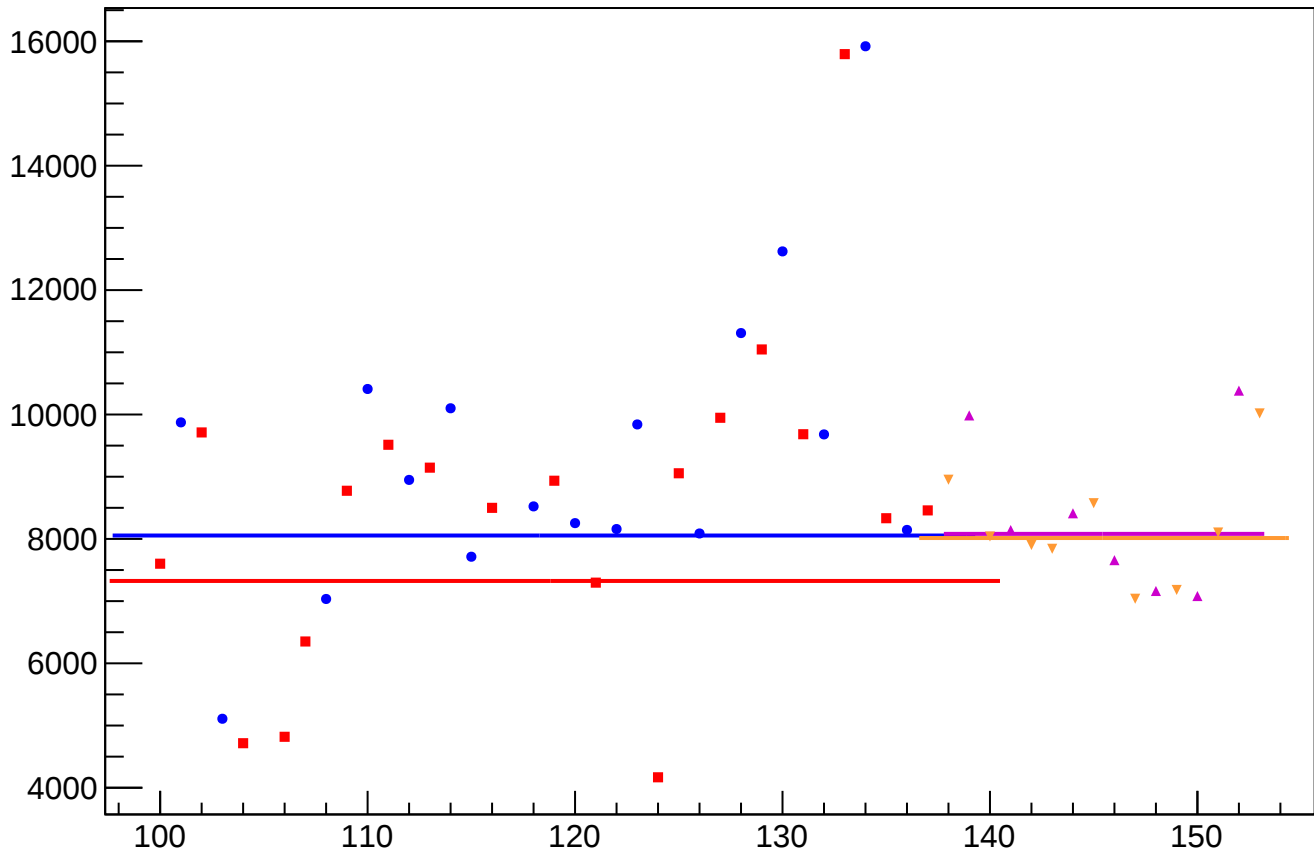
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -935.352 $\pm$ 2333.305 χ^2/NDF : 19.9/23

Out: 1249.781 $\pm$ 2126.569 χ^2/NDF : 24.9/27

All: 258.288 $\pm$ 1571.728 χ^2/NDF : 45.3/51

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8014.360+/-2.214 χ^2/NDF :138314.5/8

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 8081.241+/-2.396 χ^2/NDF :207569.8/6

Left: 8045.172+/-1.626 χ^2/NDF : 346304.5/15

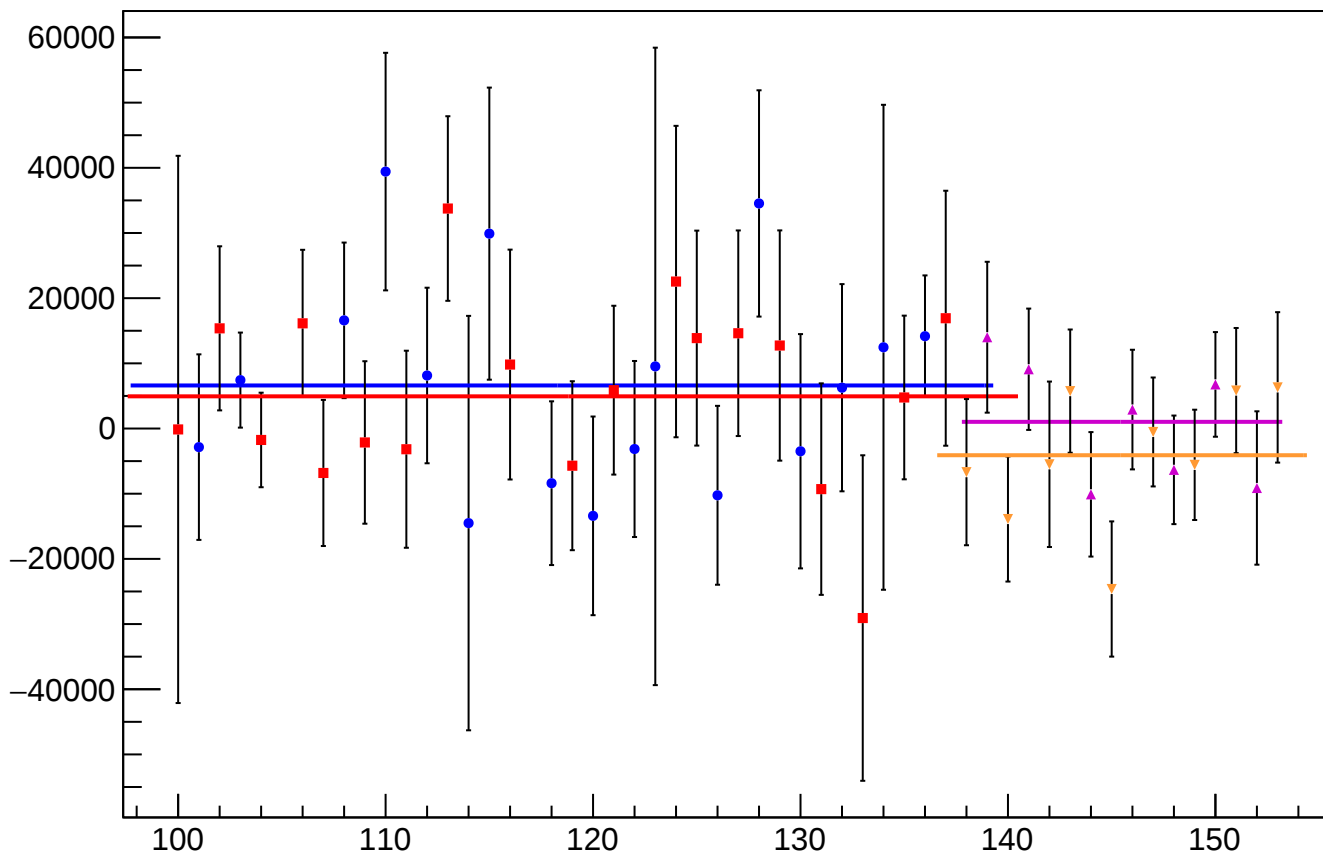
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8067.324+/-1.650 χ^2/NDF :1028397.3/23

Out: 7642.483+/-1.504 χ^2/NDF :1526791.2/27

All: 7835.252+/-1.111 χ^2/NDF : 2591407.5/51

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4096.661+/-3294.164 χ^2/NDF : 8.2/8

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1026.362+/-3557.844 χ^2/NDF : 5.4/6

Left: -1732.004+/-2417.174 χ^2/NDF : 14.8/15

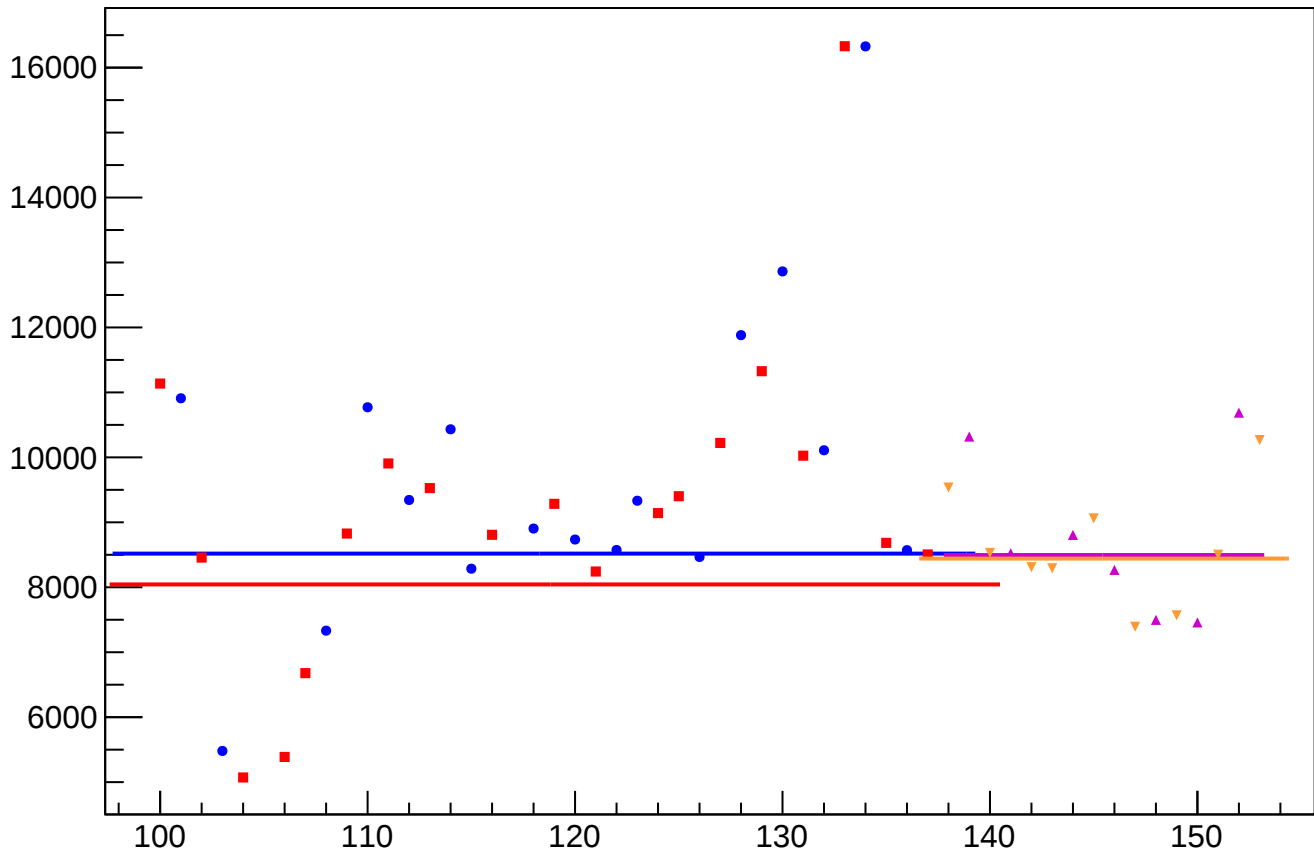
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3946.777+/-2456.508 χ^2/NDF : 21.4/23

Out: 597.641+/-2283.342 χ^2/NDF : 25.7/27

All: 2150.015+/-1672.437 χ^2/NDF : 48.1/51

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8441.971+/-2.329 χ^2/NDF : 129949.5/8

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8496.050+/-2.516 χ^2/NDF : 184567.8/6

Left: 8466.932+/-1.709 χ^2/NDF : 314766.0/15

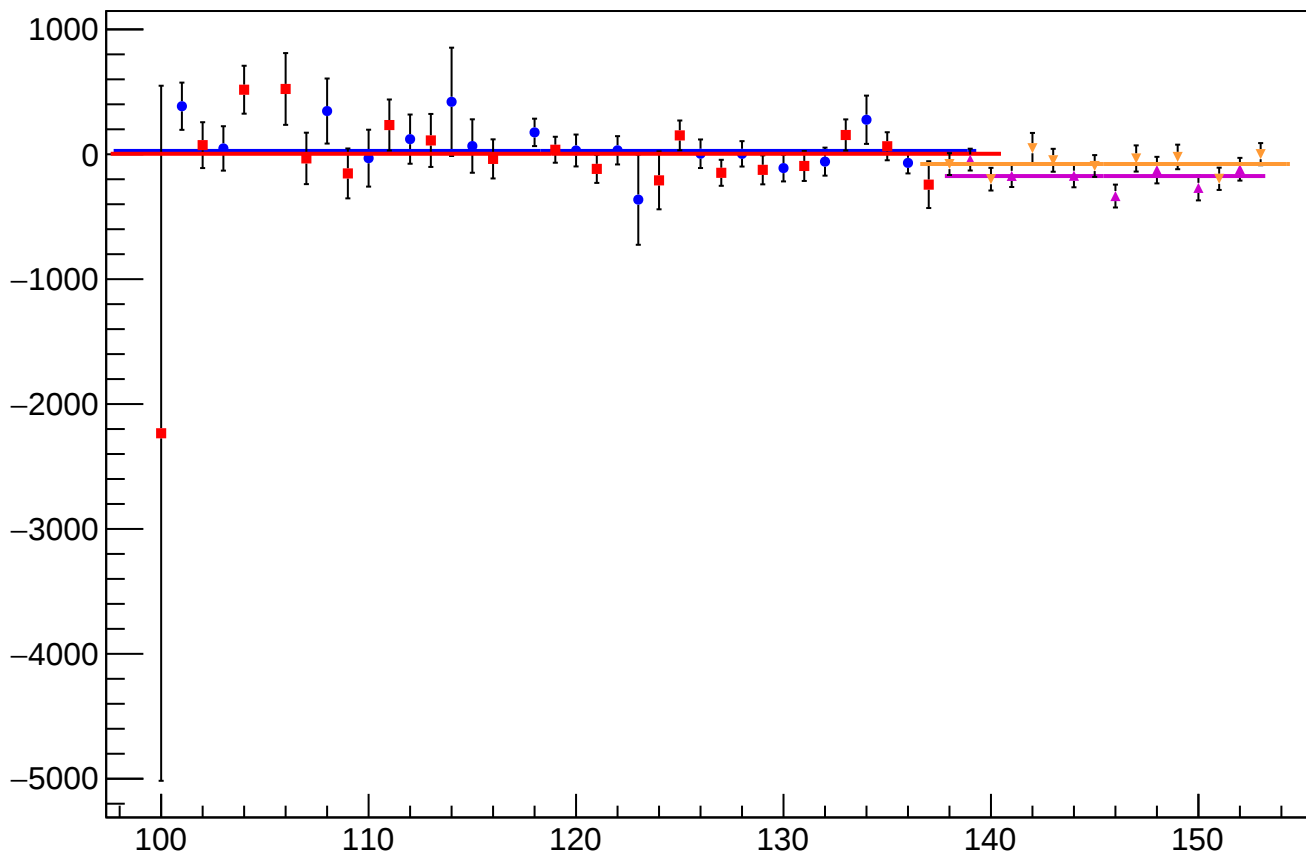
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8507.679+/-1.737 χ^2/NDF : 956603.6/23

Out: 8235.072+/-1.615 χ^2/NDF : 1098707.5/27

All: 8361.426+/-1.183 χ^2/NDF : 2068525.2/51

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -77.826 $\pm$ 31.358 χ^2/NDF : 6.1/8

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -174.364 $\pm$ 35.302 χ^2/NDF : 6.8/6

Left: -120.404 $\pm$ 23.444 χ^2/NDF : 17.0/15

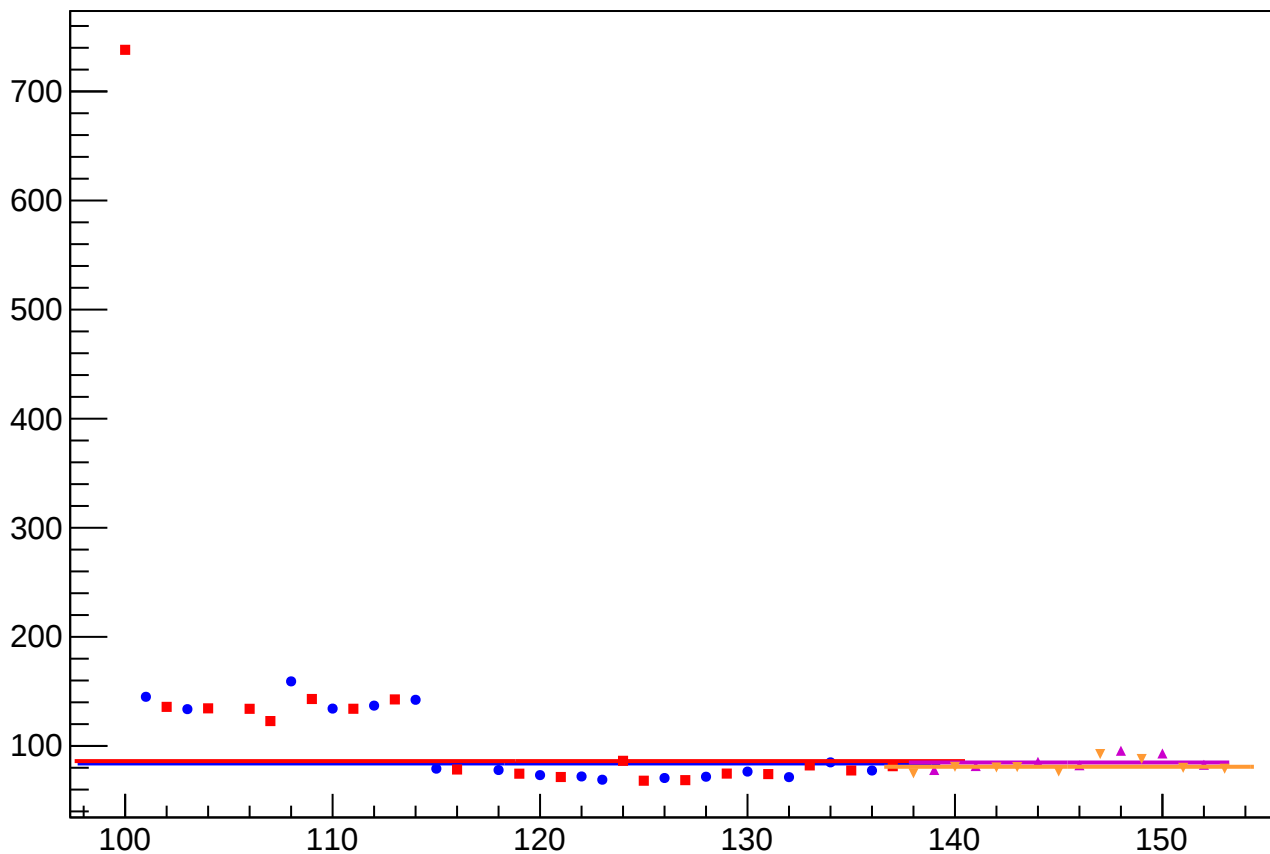
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -68.941 $\pm$ 24.348 χ^2/NDF : 38.3/23

Out: -40.019 $\pm$ 23.001 χ^2/NDF : 33.8/27

All: -53.658 $\pm$ 16.720 χ^2/NDF : 72.9/51

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.920 $\pm$ 0.022 χ^2 /NDF: 50816.6/8

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 84.833 $\pm$ 0.025 χ^2 /NDF: 51798.3/6

Left: 82.645 $\pm$ 0.017 χ^2 /NDF: 116349.9/15

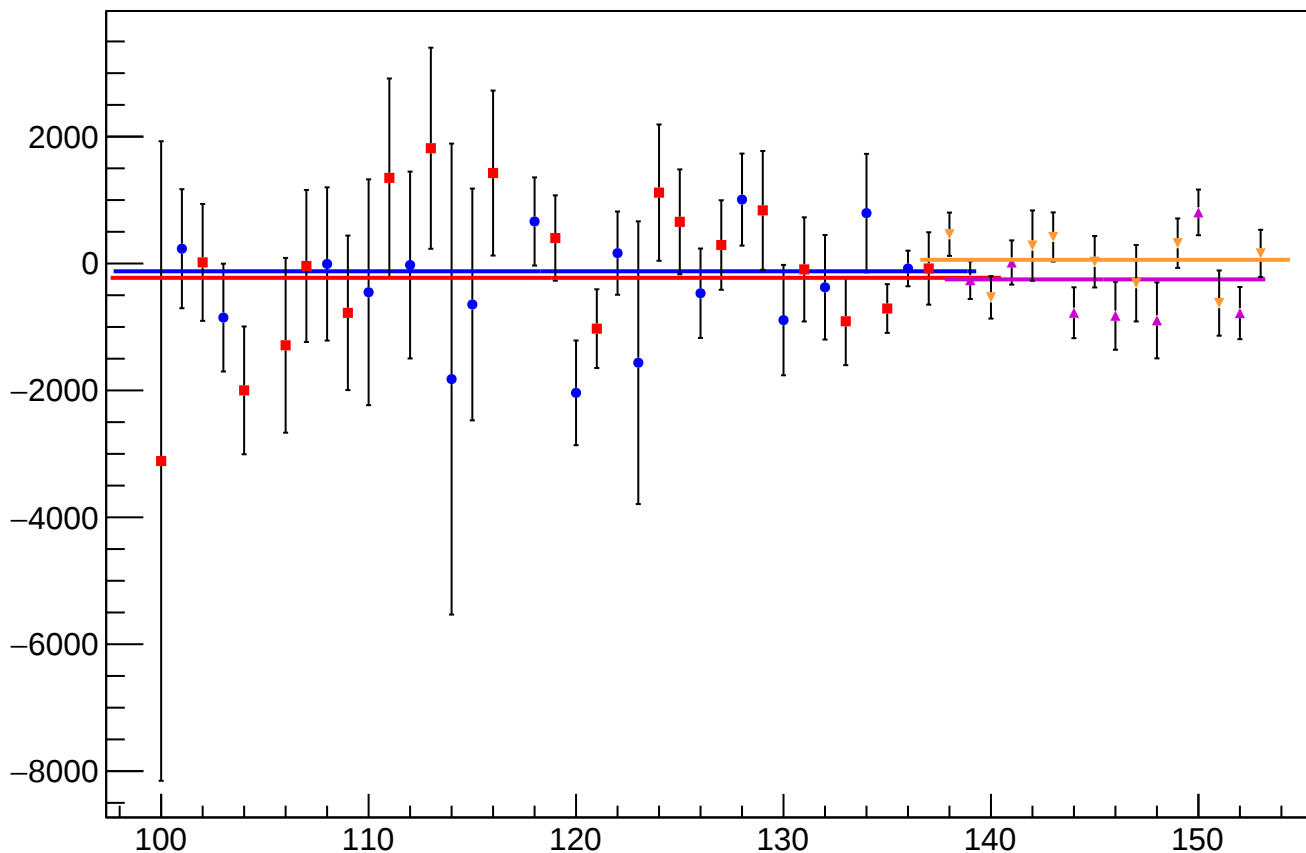
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 84.375 $\pm$ 0.017 χ^2 /NDF: 1012691.7/23

Out: 83.317 $\pm$ 0.016 χ^2 /NDF: 1212344.1/27

All: 83.816 $\pm$ 0.012 χ^2 /NDF: 2227033.4/51

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 58.505+/-136.156 χ^2/NDF : 8.2/8

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -249.928+/-147.964 χ^2/NDF : 14.9/6

Left: -82.915+/-100.192 χ^2/NDF : 25.5/15

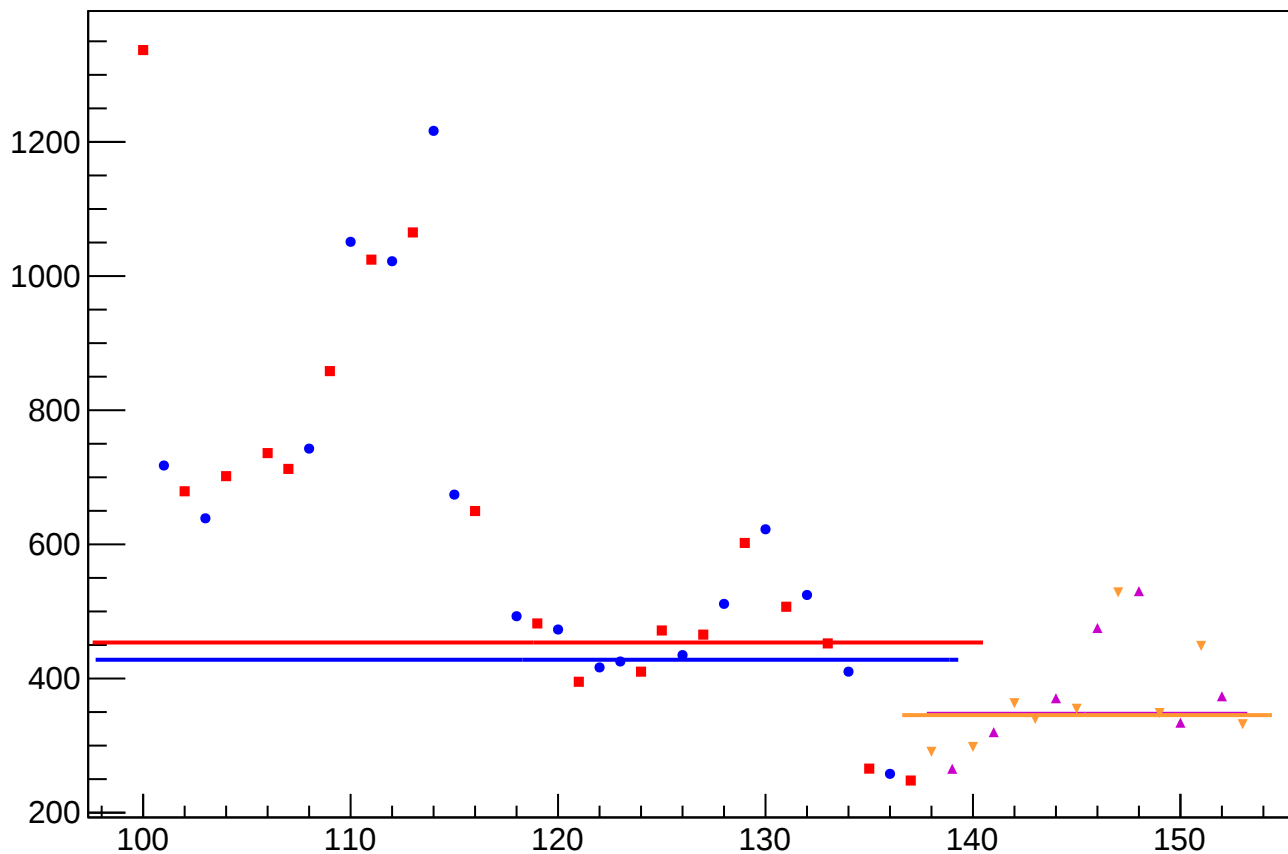
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -198.366+/-114.197 χ^2/NDF : 28.2/23

Out: -41.271+/-109.653 χ^2/NDF : 28.1/27

All: -116.631+/-79.094 χ^2/NDF : 57.3/51

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.454+/-0.096 χ^2/NDF :363142.2/8

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 347.421+/-0.105 χ^2/NDF :481964.8/6

Left: 346.356+/-0.071 χ^2/NDF : 845298.3/15

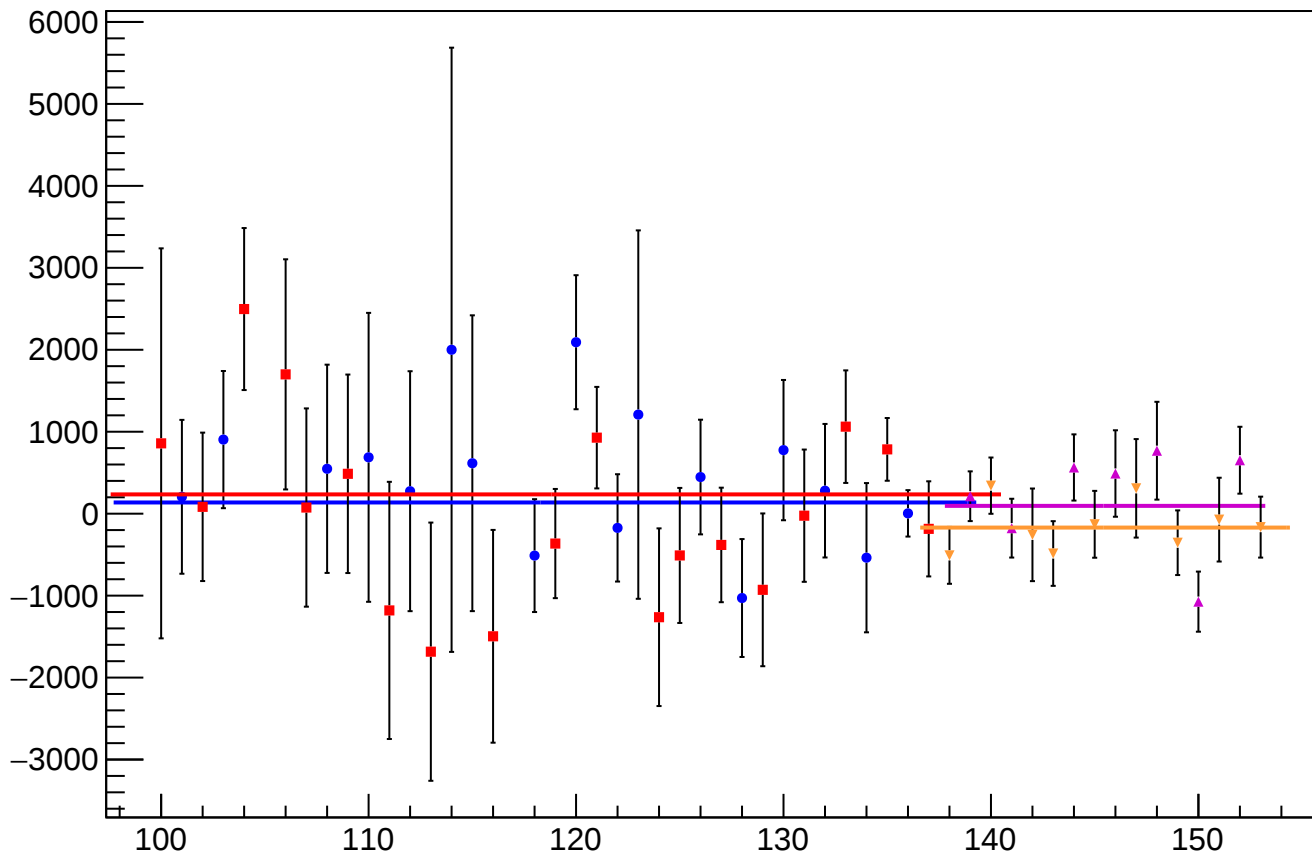
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 379.997+/-0.081 χ^2/NDF :2783962.0/23

Out: 383.493+/-0.078 χ^2/NDF :2941900.7/27

All: 381.816+/-0.056 χ^2/NDF : 5726838.1/51

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -169.515 ± 137.859 $\chi^2/\text{NDF}: 4.7/8$

Right Out: 235.334 ± 184.025 $\chi^2/\text{NDF}: 21.8/18$

Left In: 95.354 ± 149.735 $\chi^2/\text{NDF}: 15.9/6$

Left: -47.999 ± 101.420 $\chi^2/\text{NDF}: 22.4/15$

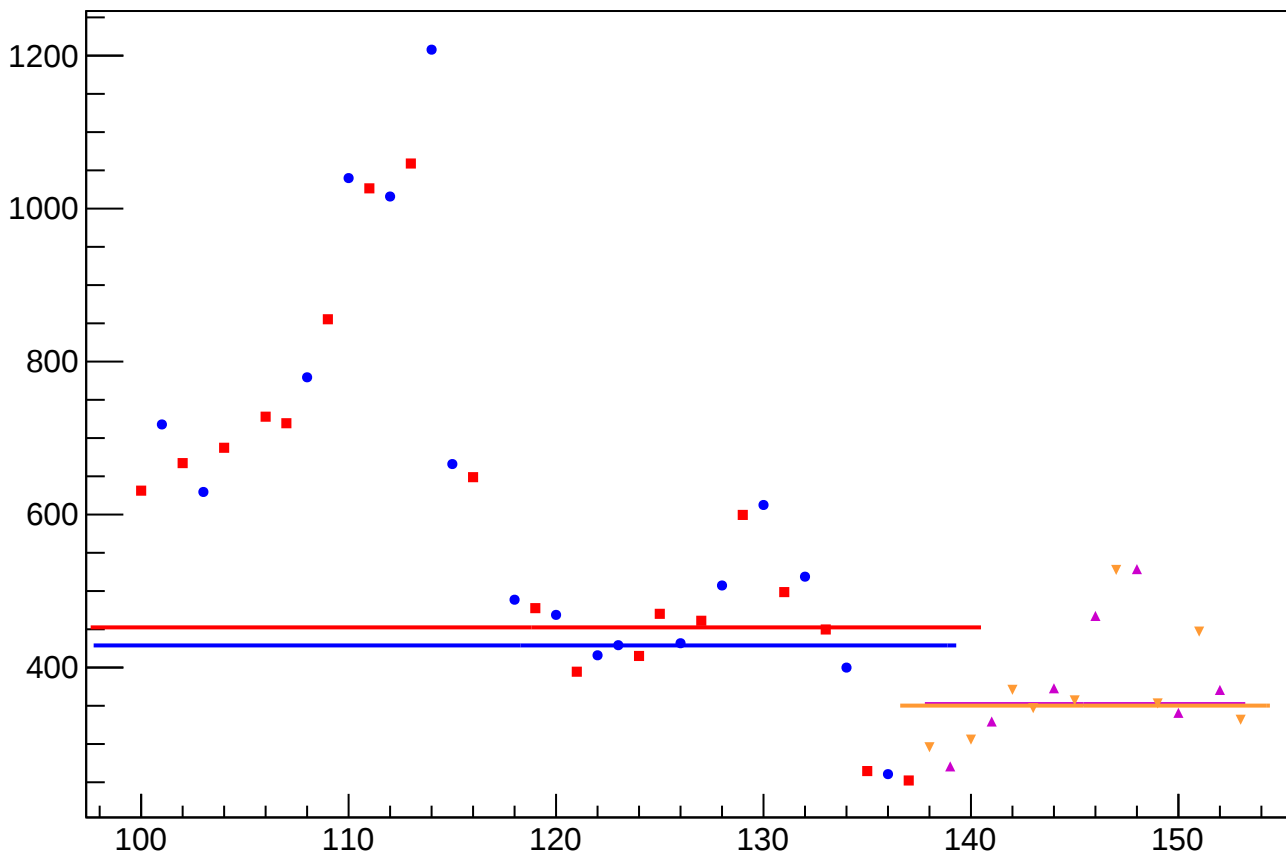
Right: 184.875 ± 128.536 $\chi^2/\text{NDF}: 34.6/35$

In: 112.353 ± 115.010 $\chi^2/\text{NDF}: 28.6/23$

Out: -23.986 ± 110.333 $\chi^2/\text{NDF}: 29.7/27$

All: 41.355 ± 79.620 $\chi^2/\text{NDF}: 59.0/51$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 350.221+/-0.097 χ^2/NDF :337132.4/8

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 352.227+/-0.106 χ^2/NDF :433747.2/6

Left: 351.141+/-0.072 χ^2/NDF : 771074.0/15

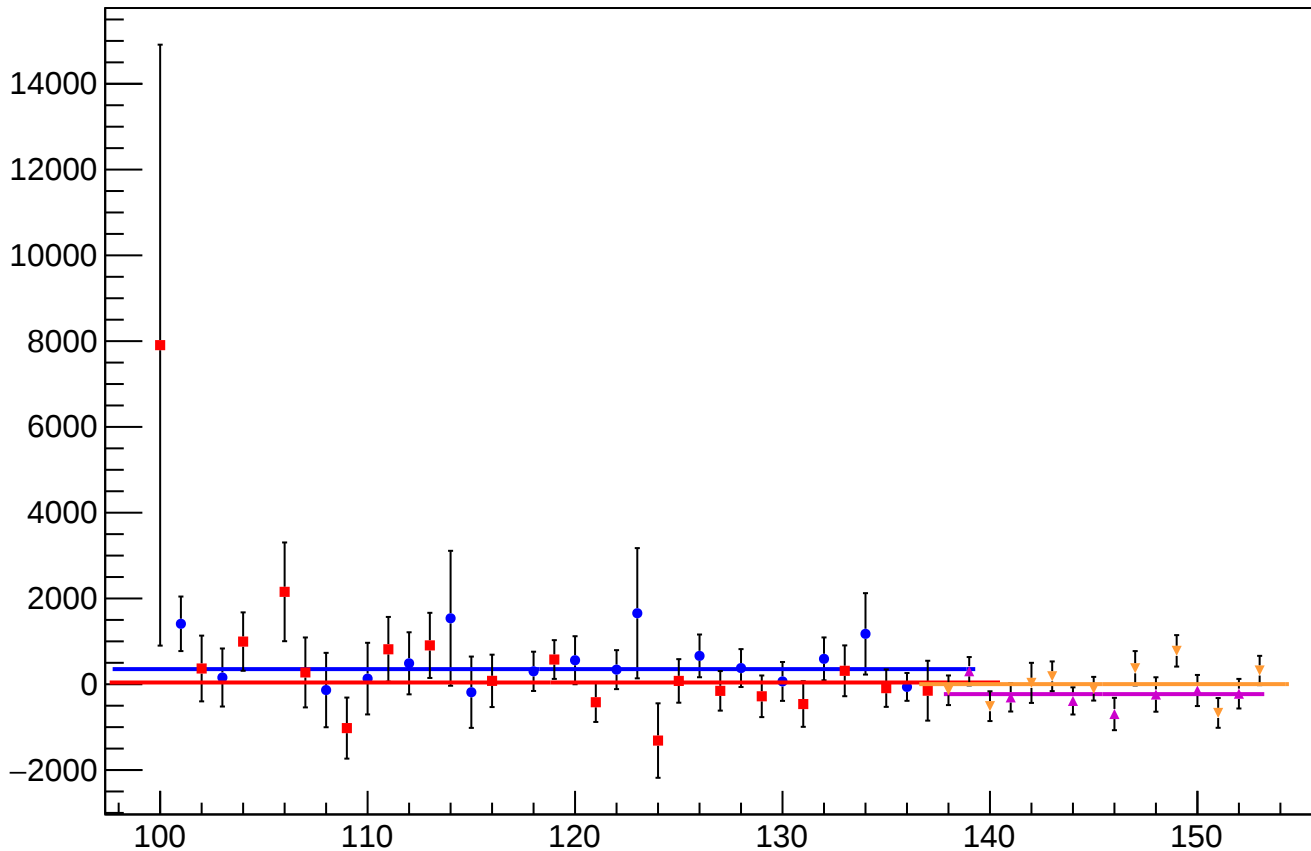
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 383.661+/-0.081 χ^2/NDF :2659303.4/23

Out: 386.982+/-0.078 χ^2/NDF :2774851.6/27

All: 385.390+/-0.056 χ^2/NDF : 5435023.2/51

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: 2.952 ± 116.826 $\chi^2/\text{NDF}: 12.7/8$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -229.970 ± 131.846 $\chi^2/\text{NDF}: 4.5/6$

Left: -99.491 ± 87.439 $\chi^2/\text{NDF}: 19.0/15$

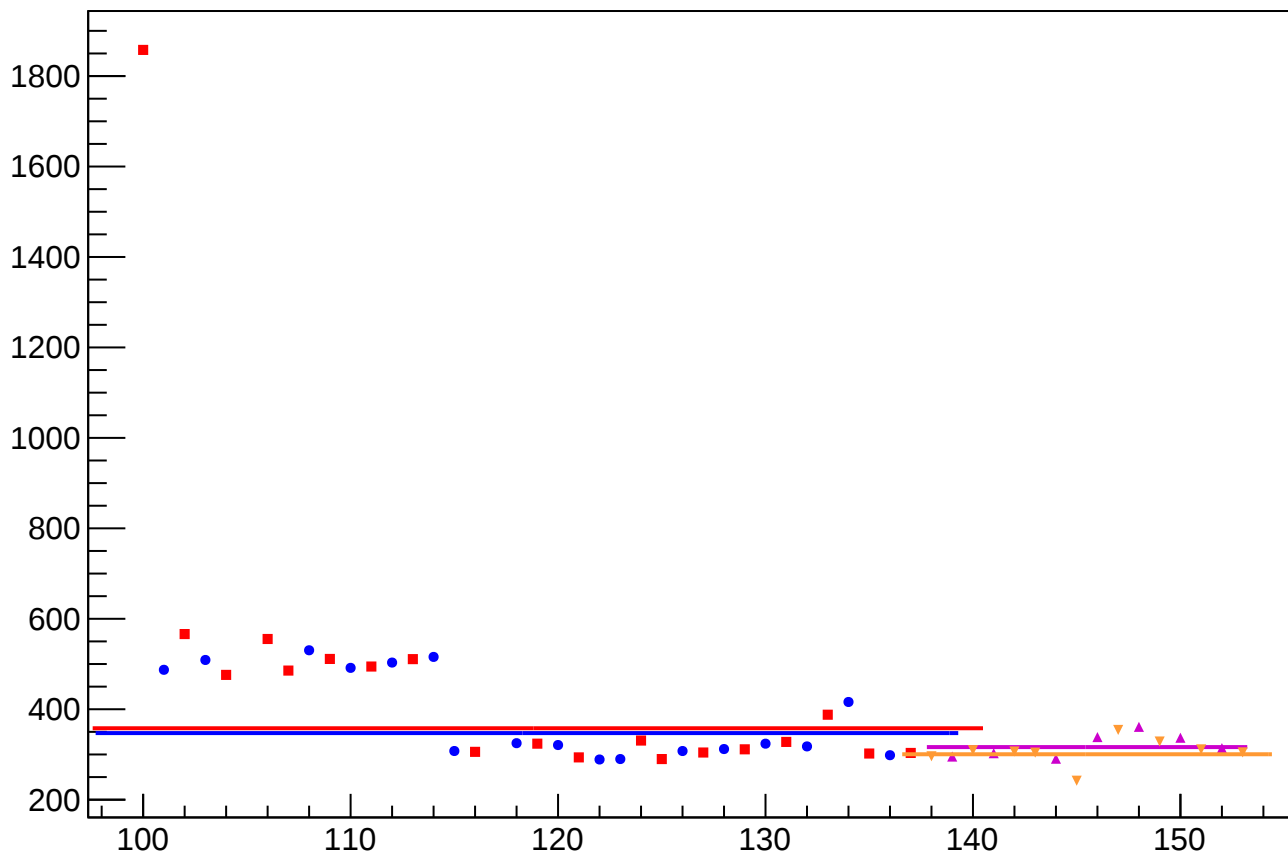
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: 49.677 ± 95.098 $\chi^2/\text{NDF}: 22.4/23$

Out: 18.736 ± 89.432 $\chi^2/\text{NDF}: 31.0/27$

All: 33.257 ± 65.149 $\chi^2/\text{NDF}: 53.4/51$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 300.475+/-0.083 χ^2/NDF : 141991.0/8

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 316.332+/-0.093 χ^2/NDF : 62866.3/6

Left: 307.449+/-0.062 χ^2/NDF : 221062.3/15

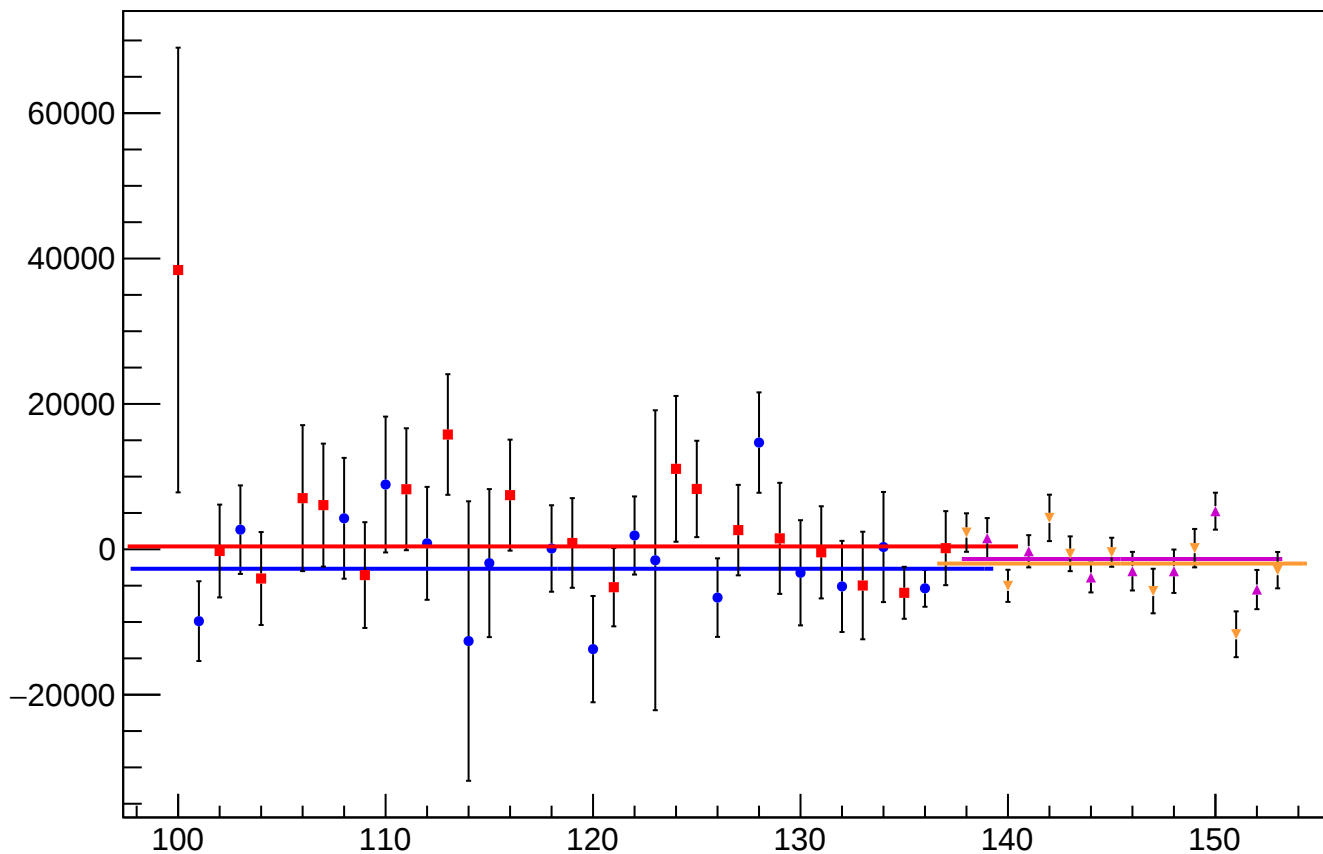
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 331.179+/-0.067 χ^2/NDF : 734639.5/23

Out: 324.271+/-0.063 χ^2/NDF : 1194073.9/27

All: 327.513+/-0.046 χ^2/NDF : 1934314.1/51

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1959.514+/-850.675 χ^2/NDF : 21.1/8

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -1330.481+/-946.339 χ^2/NDF : 12.7/6

Left: -1678.390+/-632.644 χ^2/NDF : 34.1/15

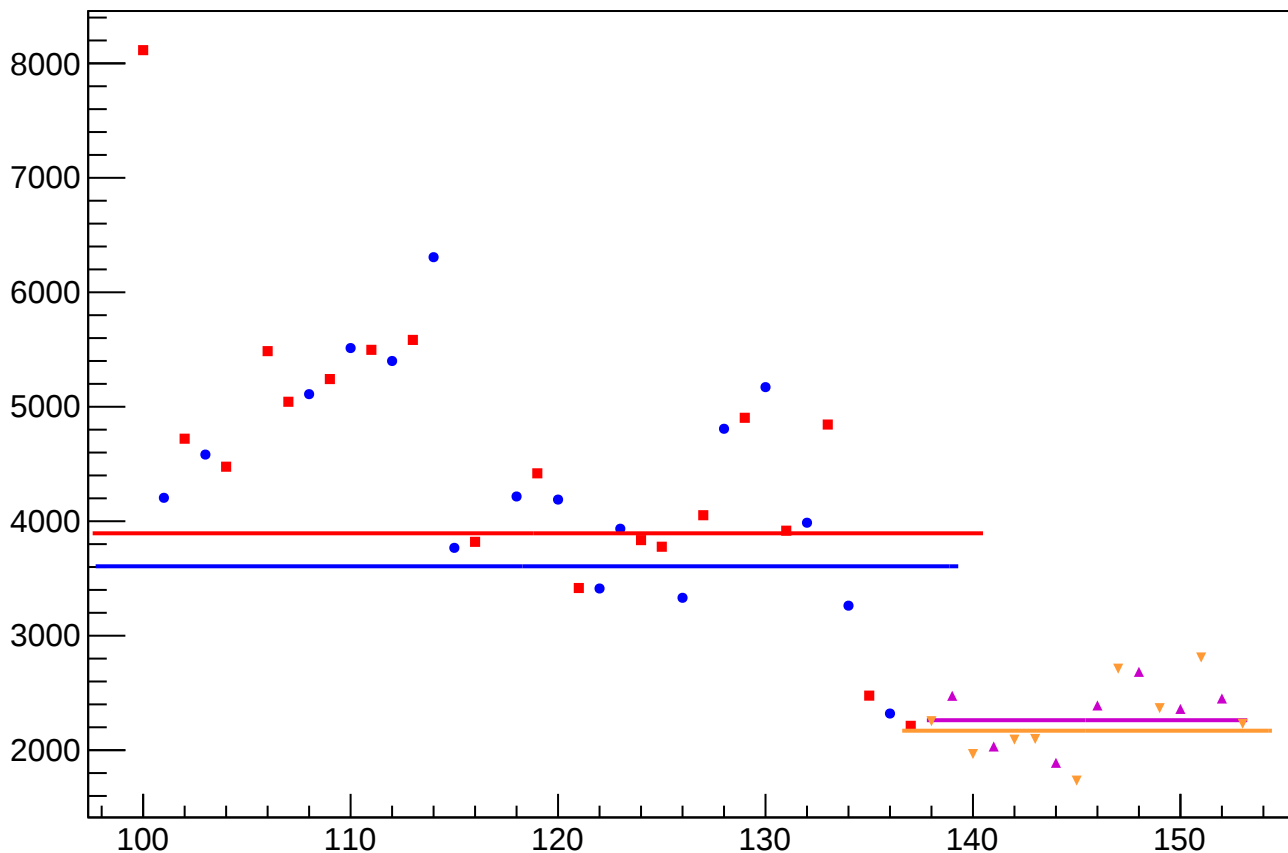
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1729.422+/-793.498 χ^2/NDF : 30.0/23

Out: -1394.842+/-741.857 χ^2/NDF : 38.9/27

All: -1550.891+/-541.909 χ^2/NDF : 69.0/51

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2170.080+/-0.602 χ^2/NDF : 274907.3/8

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2261.810+/-0.669 χ^2/NDF : 156518.1/6

Left: 2211.076+/-0.447 χ^2/NDF : 441818.7/15

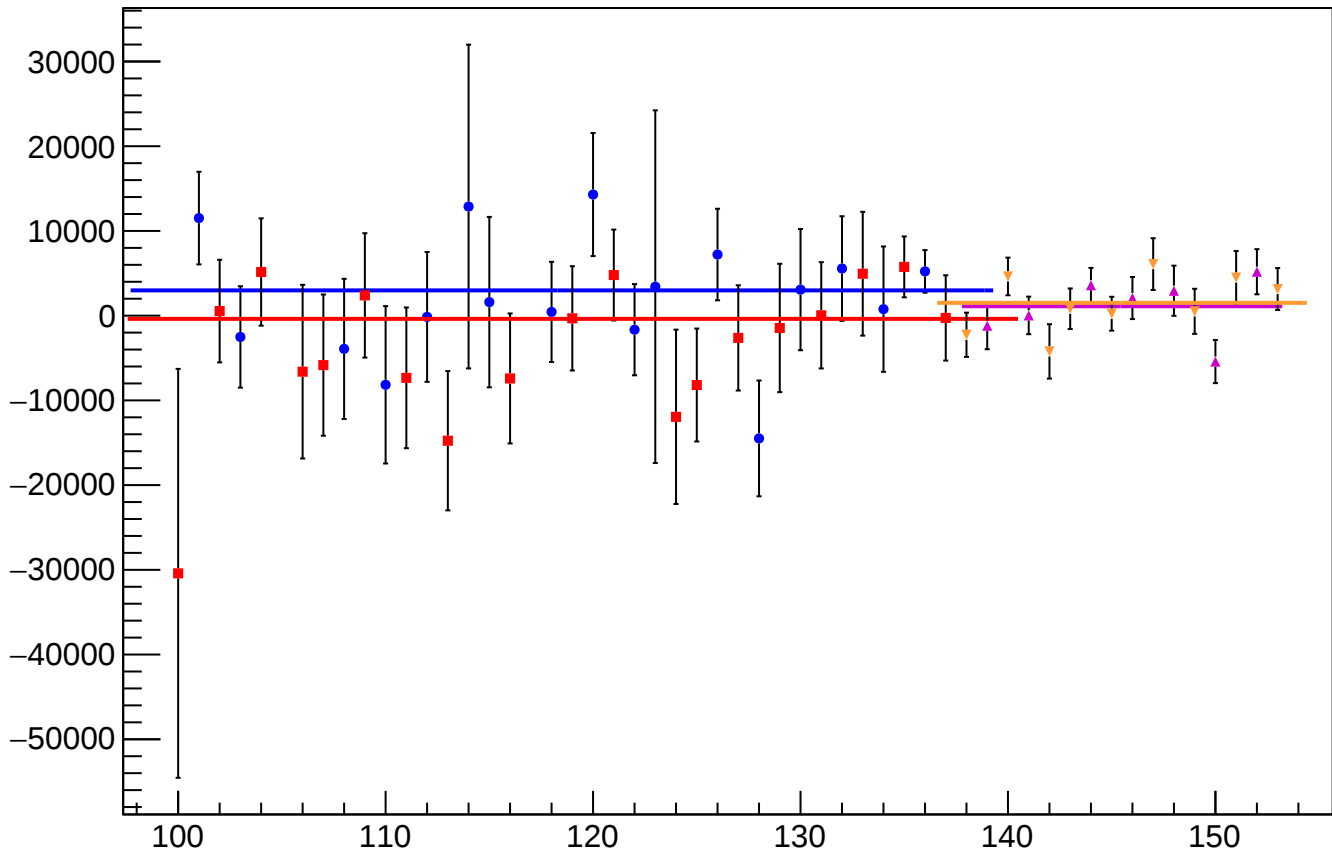
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2661.049+/-0.561 χ^2/NDF : 2447833.1/23

Out: 2583.059+/-0.525 χ^2/NDF : 3275989.1/27

All: 2619.434+/-0.383 χ^2/NDF : 5734131.5/51

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1513.638+/-849.690 χ^2/NDF : 11.5/8

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 1111.459+/-935.244 χ^2/NDF : 11.9/6

Left: 1331.781+/-628.898 χ^2/NDF : 23.4/15

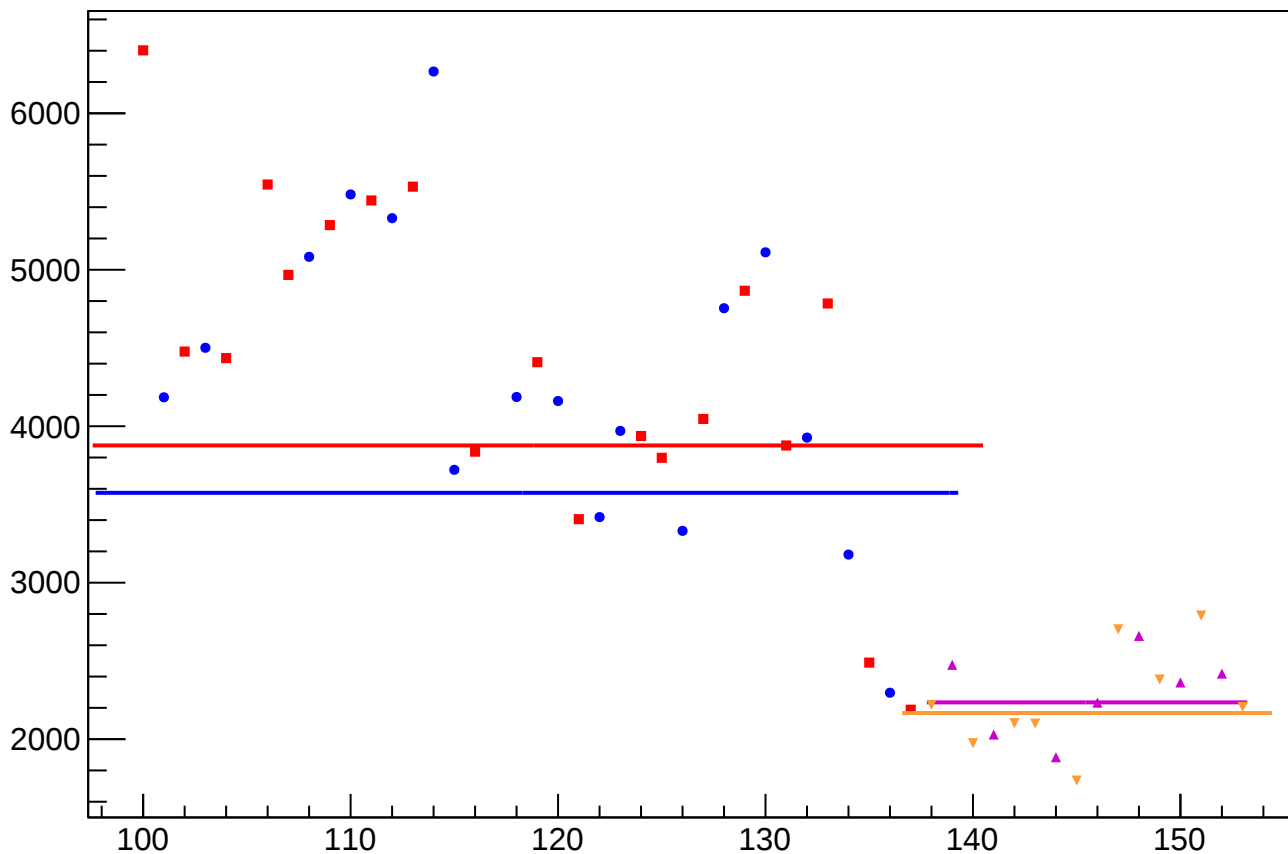
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 1664.914+/-784.923 χ^2/NDF : 30.5/23

Out: 1057.671+/-740.195 χ^2/NDF : 27.7/27

All: 1343.499+/-538.515 χ^2/NDF : 58.5/51

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2166.904+/-0.601 χ^2 /NDF:265649.6/8

Right Out: 3877.124+/-1.066 χ^2 /NDF: 990125.2/18

Left In: 2235.002+/-0.661 χ^2 /NDF:146412.5/6

Left: 2197.697+/-0.445 χ^2 /NDF: 417870.9/15

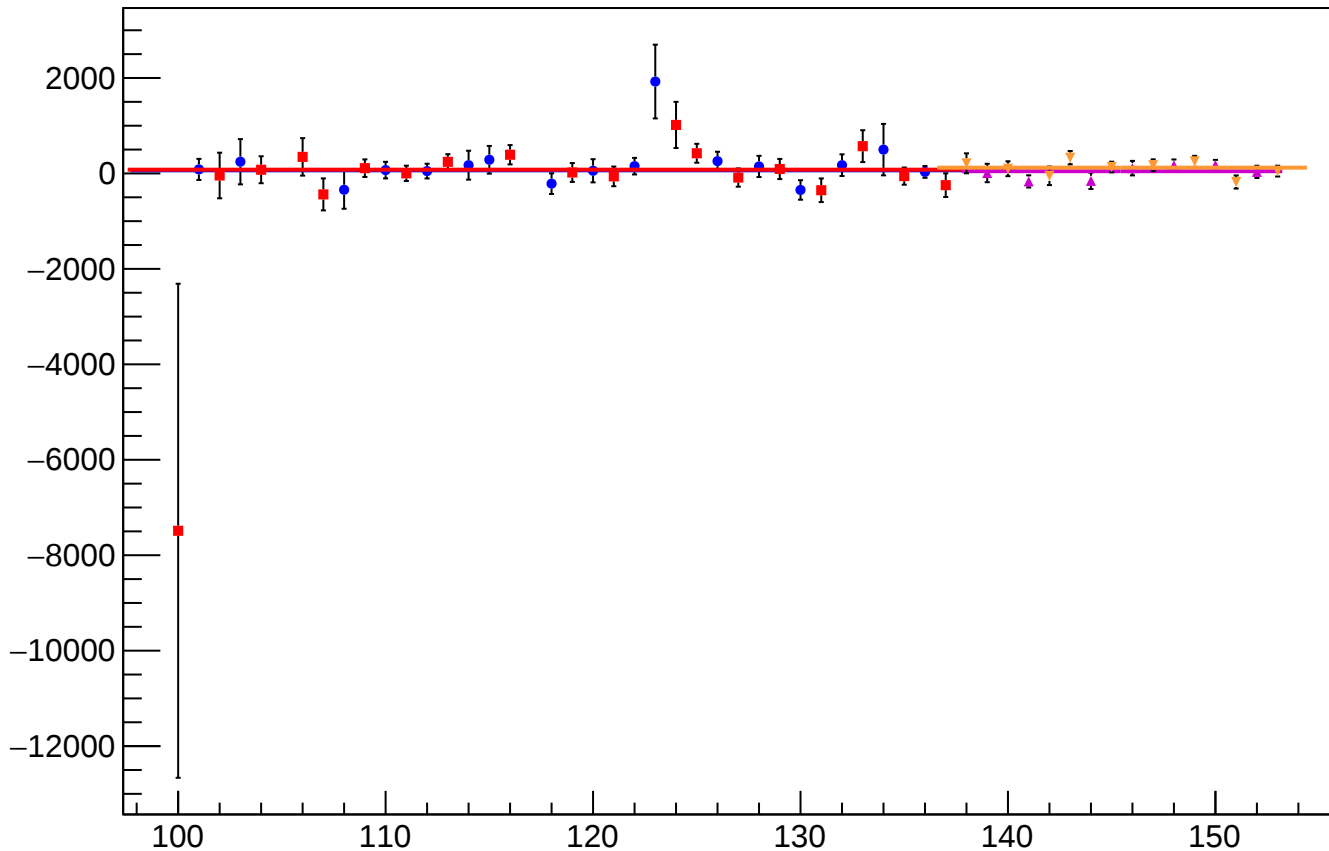
Right: 3719.204+/-0.737 χ^2 /NDF: 2123559.1/35

In: 2630.951+/-0.555 χ^2 /NDF:2450360.2/23

Out: 2579.277+/-0.523 χ^2 /NDF:3209443.2/27

All: 2603.600+/-0.381 χ^2 /NDF: 5664391.4/51

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 121.177+/-44.994 χ^2/NDF : 9.9/8

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 46.865+/-51.521 χ^2/NDF : 6.8/6

Left: 89.024+/-33.890 χ^2/NDF : 17.9/15

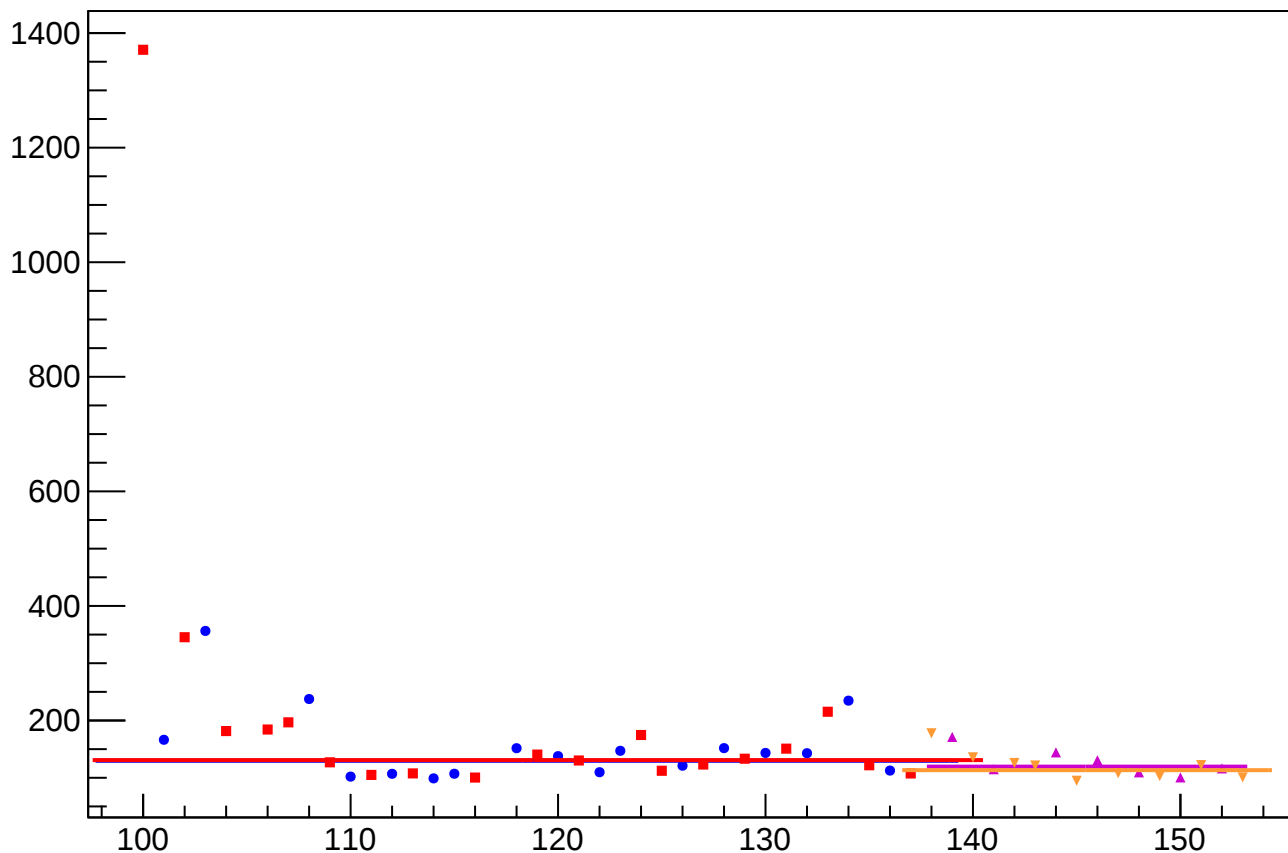
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 55.837+/-36.841 χ^2/NDF : 22.6/23

Out: 103.126+/-34.120 χ^2/NDF : 34.5/27

All: 81.292+/-25.033 χ^2/NDF : 58.0/51

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.298 $\pm$ 0.032 χ^2 /NDF: 353290.5/8

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 119.498 $\pm$ 0.036 χ^2 /NDF: 274032.4/6

Left: 115.981 $\pm$ 0.024 χ^2 /NDF: 643752.7/15

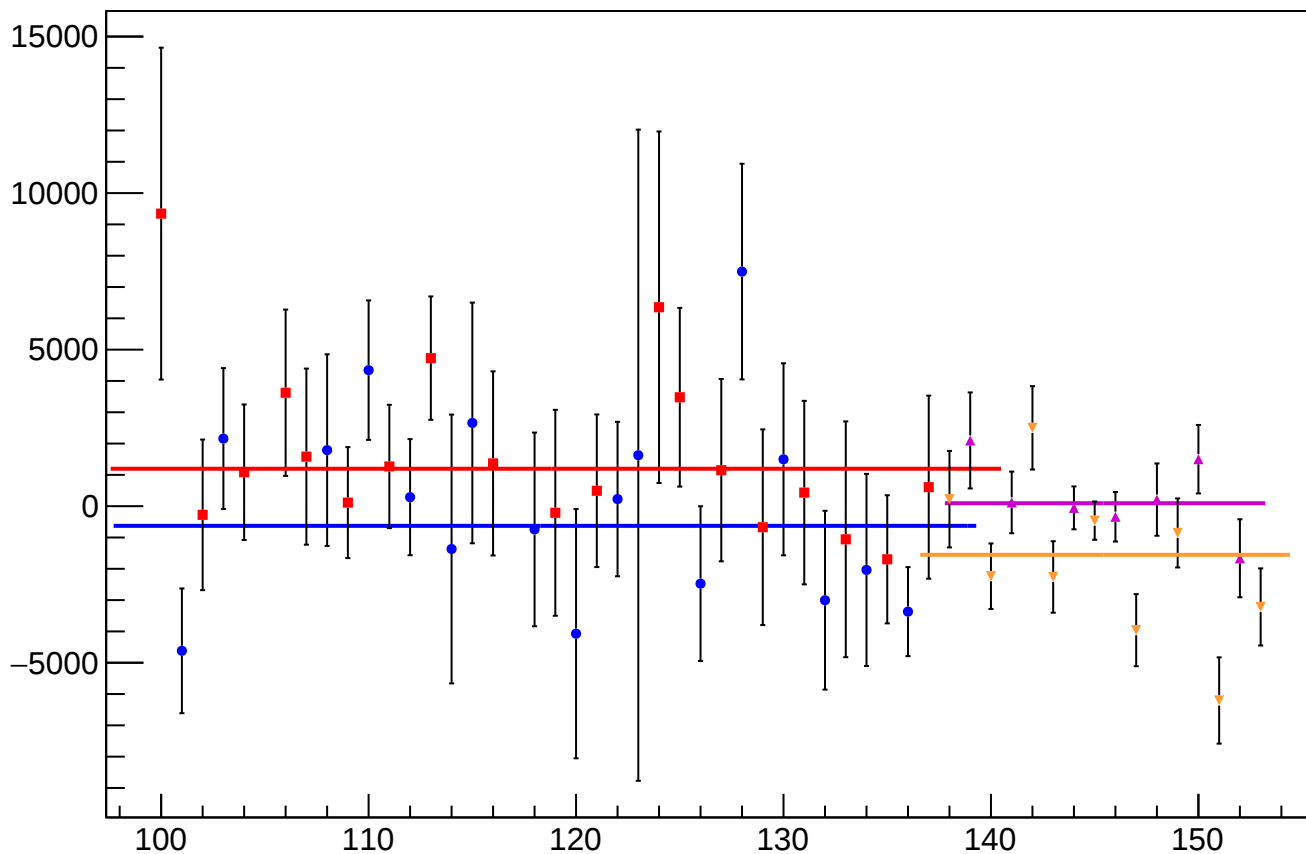
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 124.482 $\pm$ 0.026 χ^2 /NDF: 1302011.6/23

Out: 120.769 $\pm$ 0.024 χ^2 /NDF: 1525356.5/27

All: 122.483 $\pm$ 0.018 χ^2 /NDF: 2838304.2/51

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1553.174+/-351.102 χ^2/NDF : 32.6/8

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 95.221+/-367.170 χ^2/NDF : 5.7/6

Left: -765.834+/-253.757 χ^2/NDF : 48.9/15

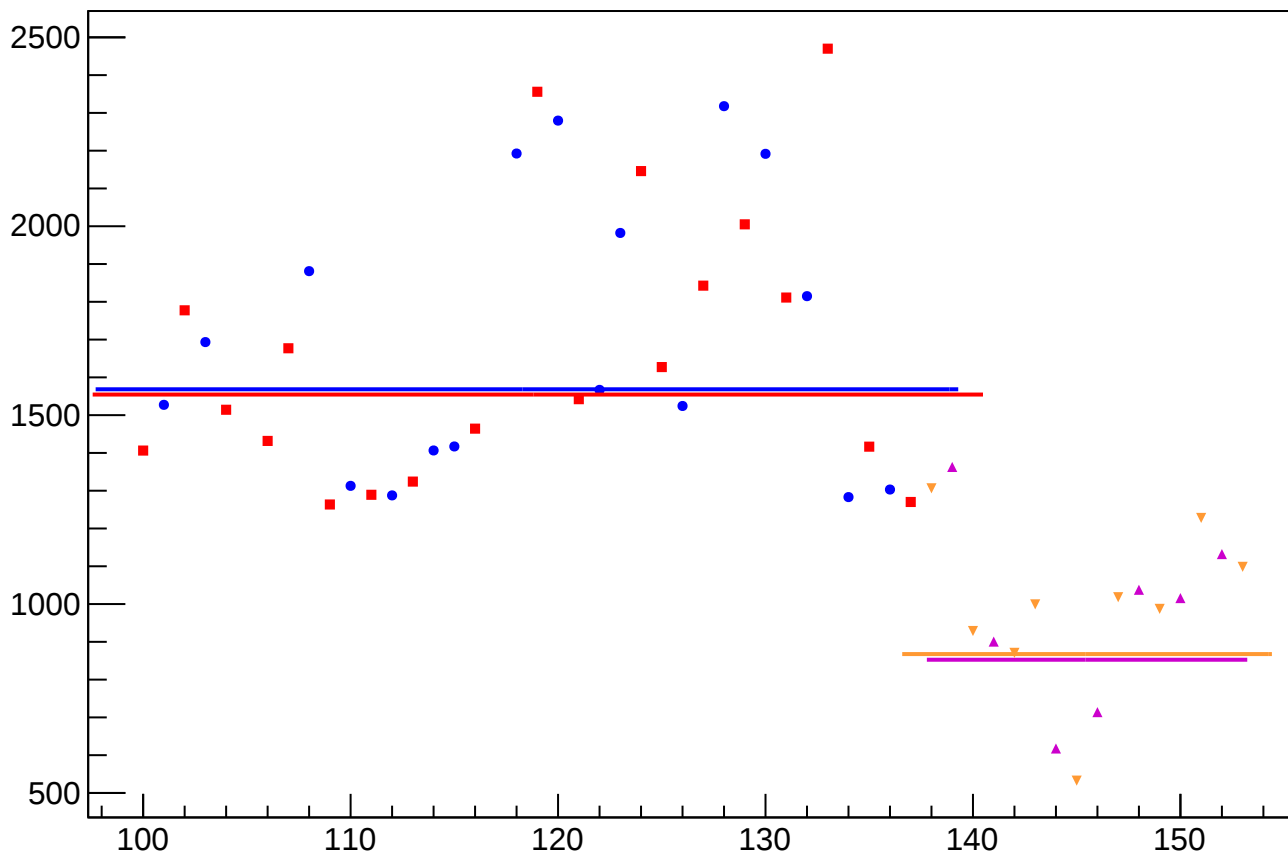
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -91.944+/-316.123 χ^2/NDF : 31.0/23

Out: -844.302+/-302.472 χ^2/NDF : 60.2/27

All: -484.718+/-218.546 χ^2/NDF : 94.2/51

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 867.616 $\pm$ 0.248 χ^2 /NDF:1062073.8/8

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 852.614 $\pm$ 0.260 χ^2 /NDF:719787.5/6

Left: 860.450 $\pm$ 0.179 χ^2 /NDF: 1783605.4/15

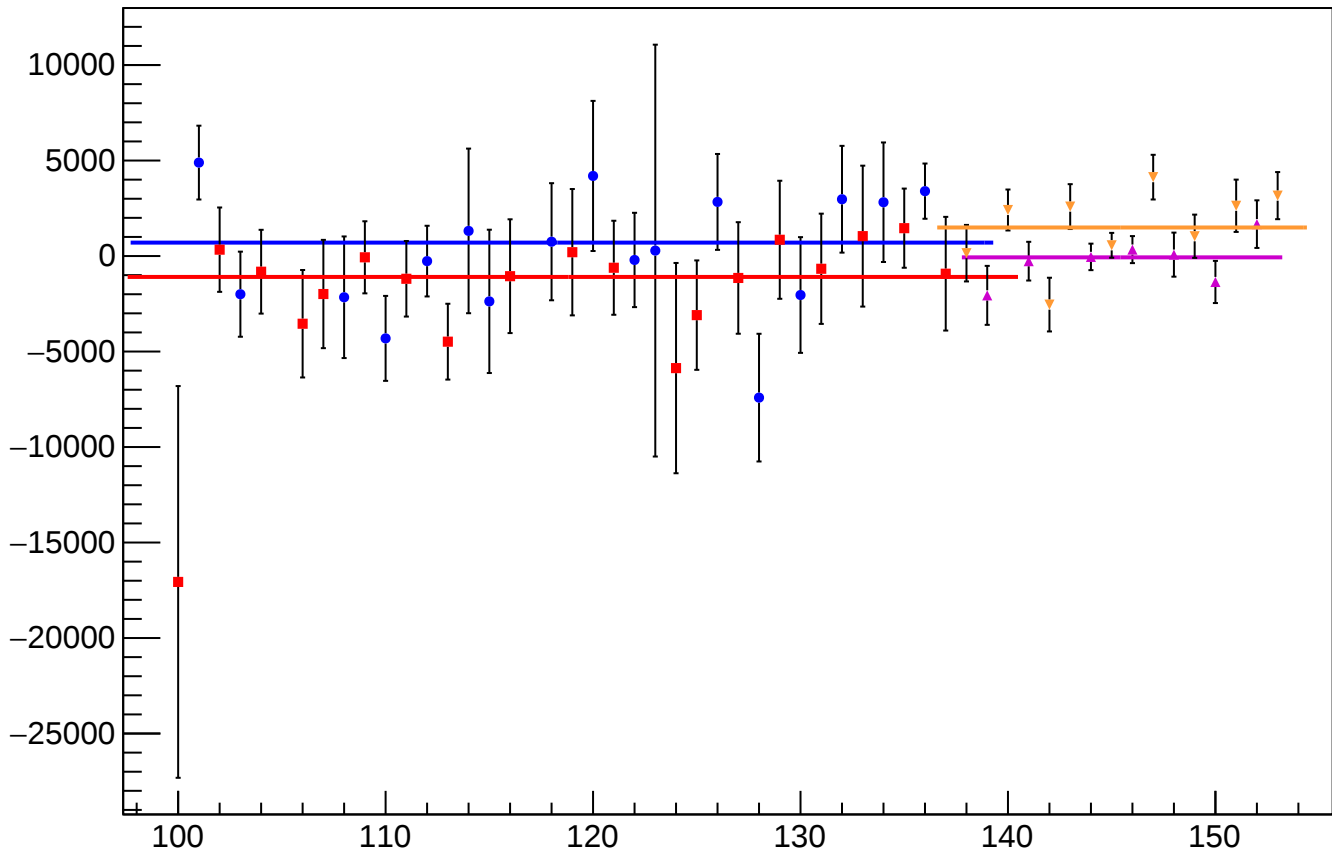
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1037.830 $\pm$ 0.224 χ^2 /NDF:3220995.2/23

Out: 1044.723 $\pm$ 0.214 χ^2 /NDF:3547898.1/27

All: 1041.429 $\pm$ 0.155 χ^2 /NDF: 6769389.8/51

asym_sam3_mean vs Slug, Sign Corrected



Left: 709.987 ± 255.587 $\chi^2/\text{NDF}: 35.2/15$

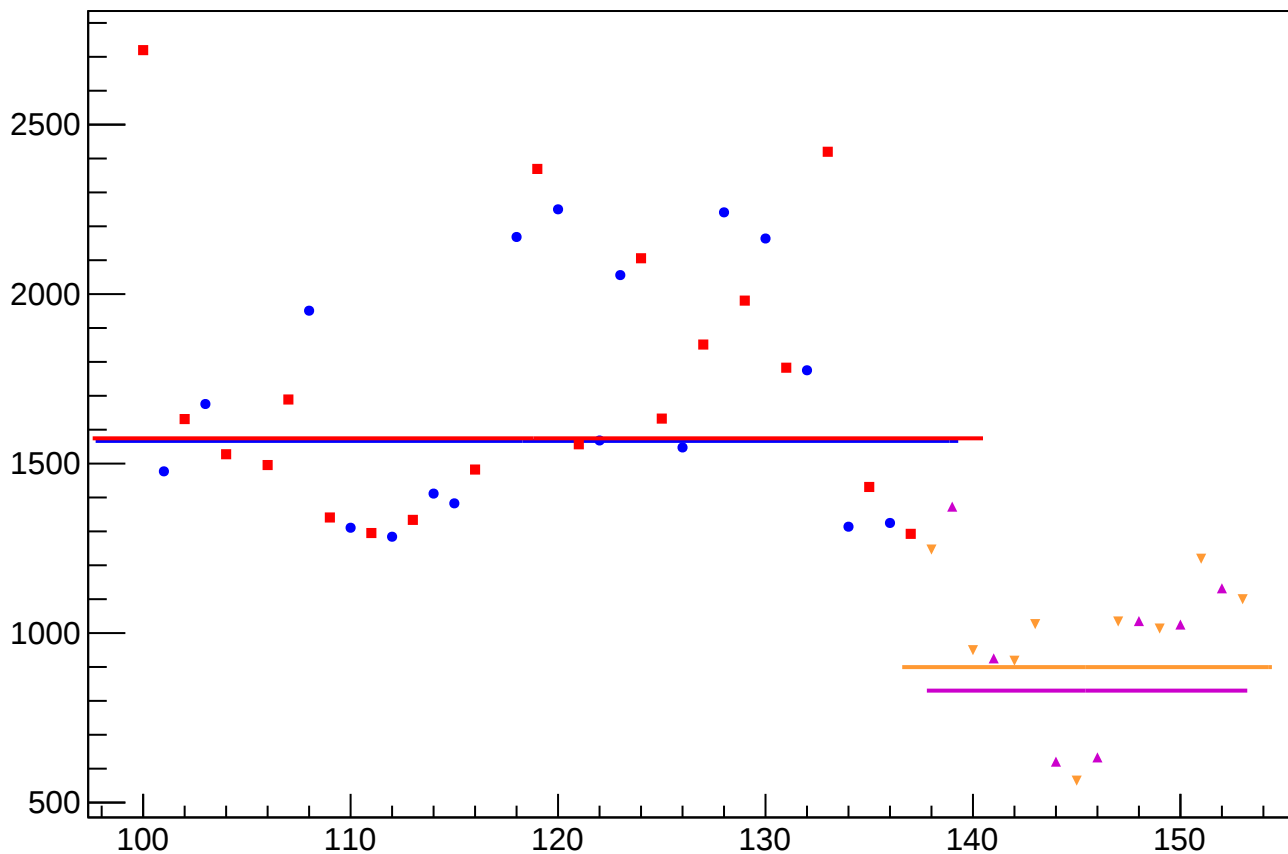
Right: -220.967 ± 432.555 $\chi^2/\text{NDF}: 40.9/35$

In: 126.149 ± 311.888 $\chi^2/\text{NDF}: 32.5/23$

Out: 808.941 ± 310.498 $\chi^2/\text{NDF}: 44.7/27$

All: 469.070 ± 220.045 $\chi^2/\text{NDF}: 79.6/51$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2/NDF : 499846.2/16

Left Out: 899.593 $\pm$ 0.256 χ^2/NDF : 877022.1/8

Right Out: 1574.525 $\pm$ 0.427 χ^2/NDF : 464289.2/18

Left In: 830.228 $\pm$ 0.255 χ^2/NDF : 845168.5/6

Left: 864.775 $\pm$ 0.181 χ^2/NDF : 1759017.6/15

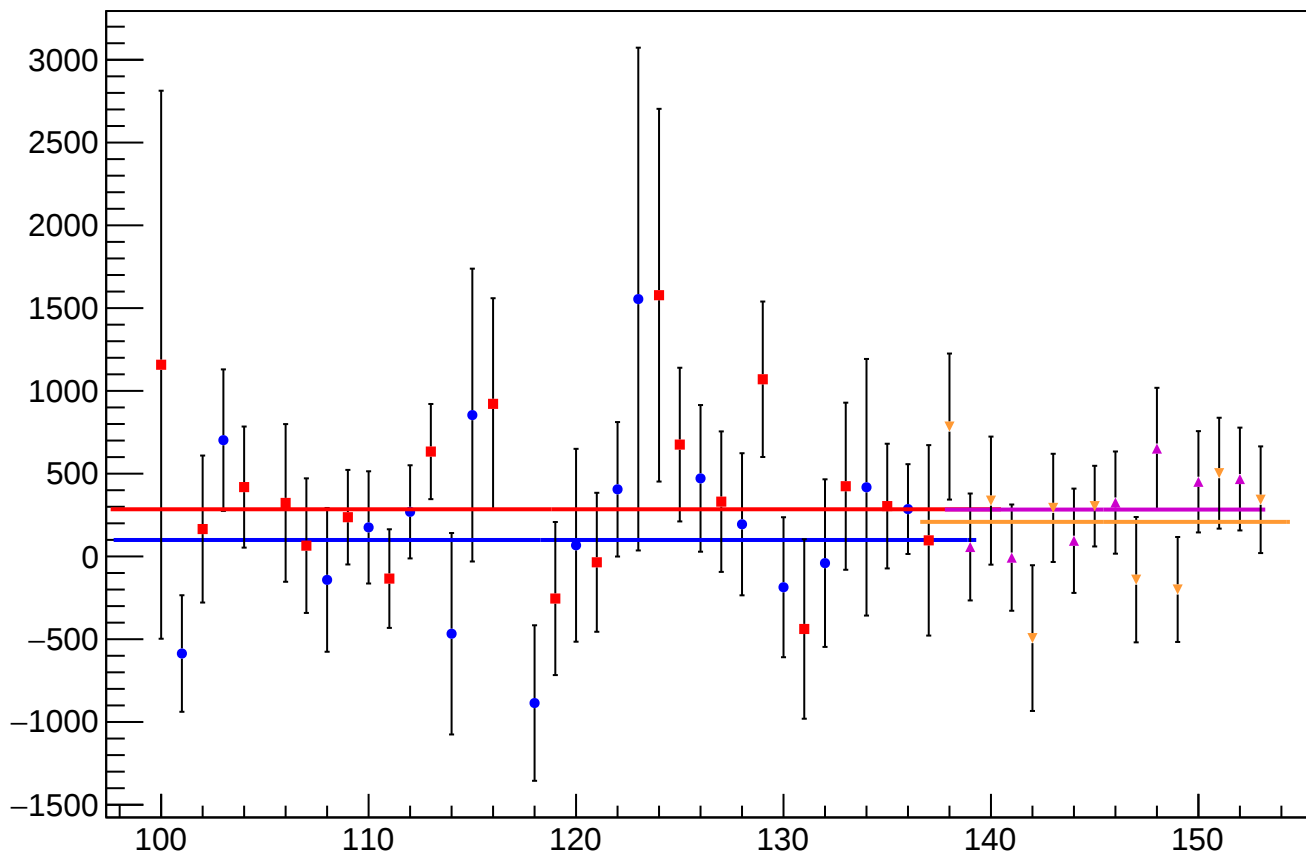
Right: 1570.839 $\pm$ 0.306 χ^2/NDF : 964289.1/35

In: 1016.284 $\pm$ 0.221 χ^2/NDF : 3451481.2/23

Out: 1078.426 $\pm$ 0.220 χ^2/NDF : 3181784.1/27

All: 1047.494 $\pm$ 0.156 χ^2/NDF : 6673142.1/51

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 208.772 $\pm$ 112.742 χ^2 /NDF: 8.0/8

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 283.104 $\pm$ 120.959 χ^2 /NDF: 3.3/6

Left: 243.328 $\pm$ 82.473 χ^2 /NDF: 11.6/15

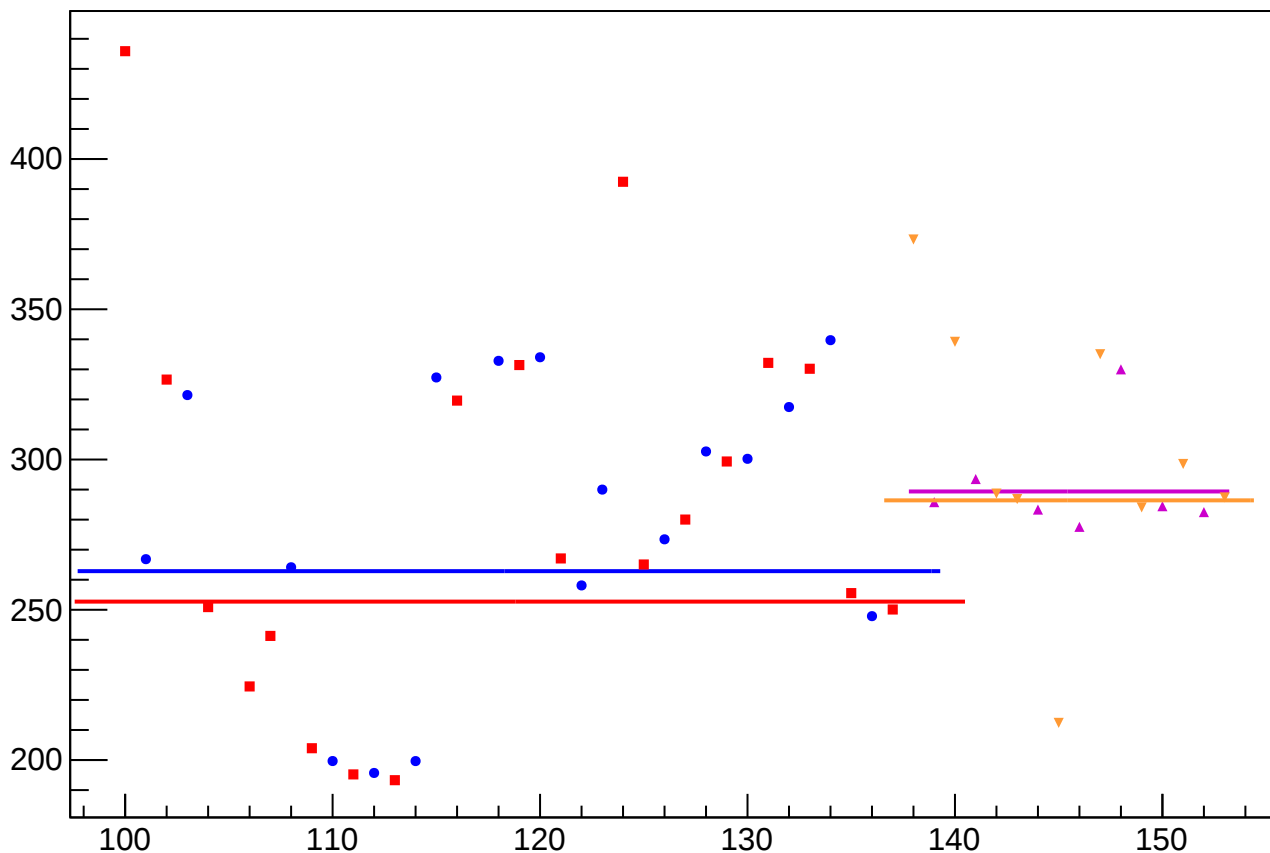
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 177.010 $\pm$ 78.624 χ^2 /NDF: 20.6/23

Out: 252.236 $\pm$ 73.838 χ^2 /NDF: 22.3/27

All: 216.983 $\pm$ 53.824 χ^2 /NDF: 43.4/51

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 286.414+/-0.080 χ^2/NDF :335249.6/8

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 289.371+/-0.086 χ^2/NDF :30224.6/6

Left: 287.789+/-0.058 χ^2/NDF : 366114.0/15

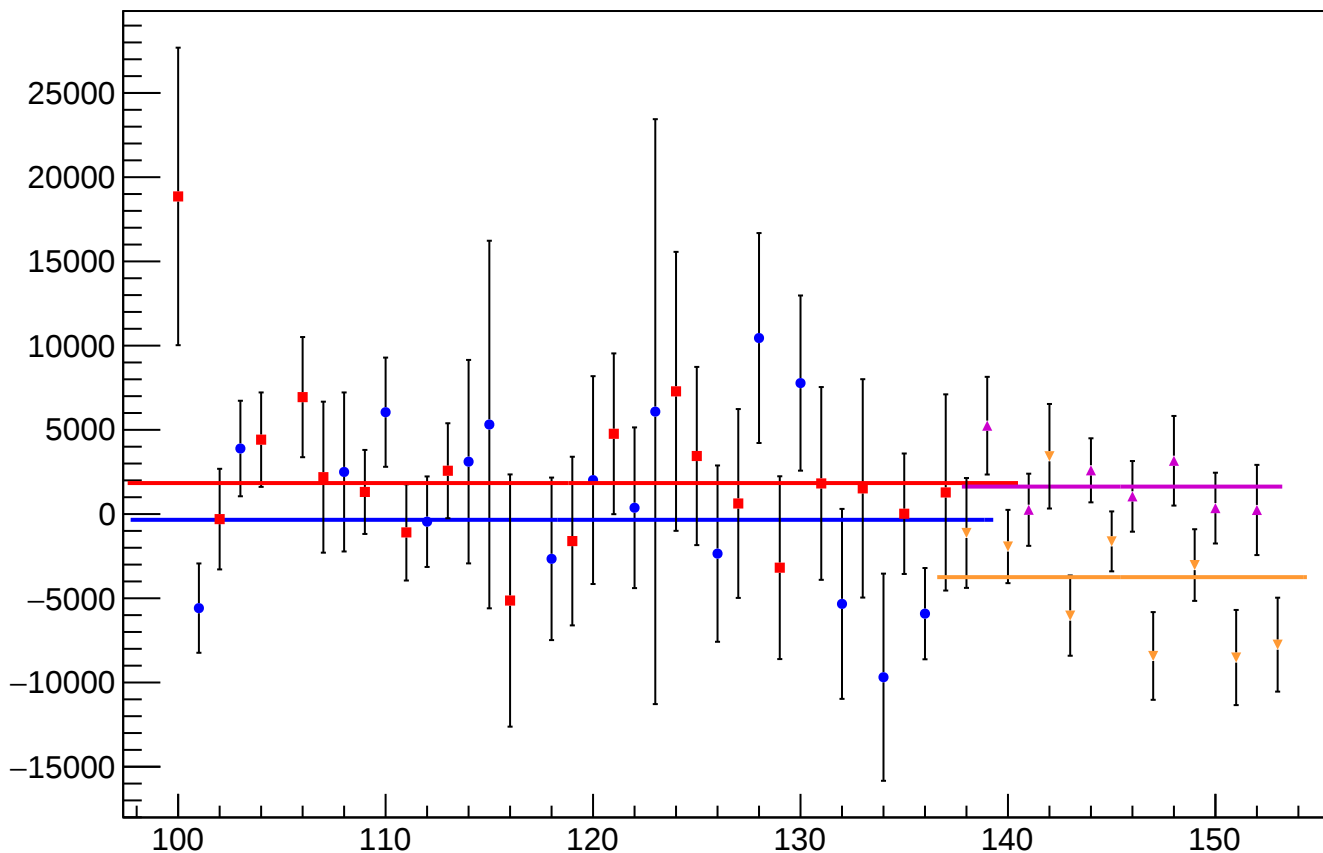
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 274.059+/-0.056 χ^2/NDF :497421.3/23

Out: 267.172+/-0.052 χ^2/NDF :976990.1/27

All: 270.400+/-0.038 χ^2/NDF : 1482565.3/51

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3744.845 ± 810.117 $\chi^2/\text{NDF}: 17.3/8$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1630.408 ± 861.335 $\chi^2/\text{NDF}: 3.3/6$

Left: -1221.777 ± 590.116 $\chi^2/\text{NDF}: 41.2/15$

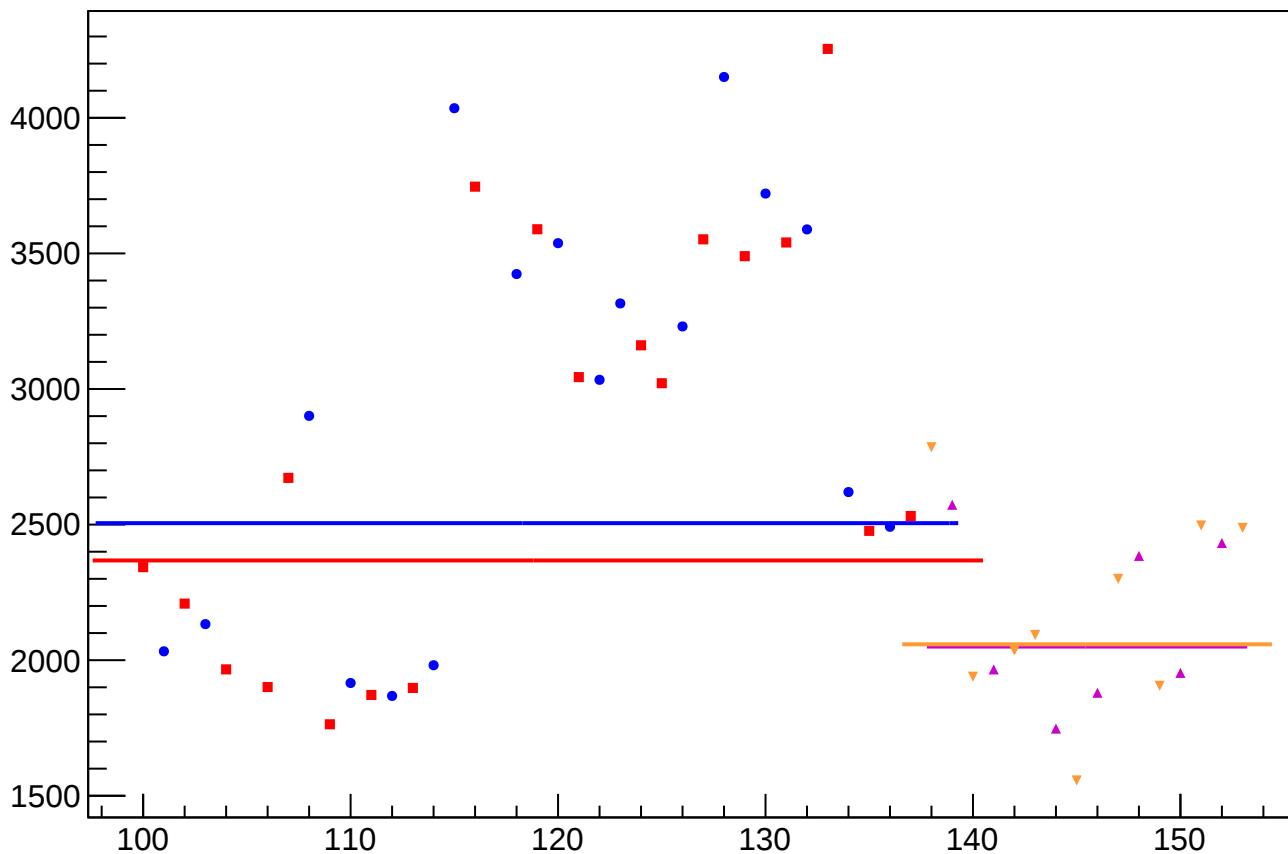
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 794.985 ± 653.904 $\chi^2/\text{NDF}: 29.9/23$

Out: -1319.571 ± 609.360 $\chi^2/\text{NDF}: 49.6/27$

All: -336.761 ± 445.799 $\chi^2/\text{NDF}: 85.2/51$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2058.540+/-0.573 χ^2/NDF : 388268.0/8

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2050.283+/-0.609 χ^2/NDF : 208468.7/6

Left: 2054.664+/-0.417 χ^2/NDF : 596834.2/15

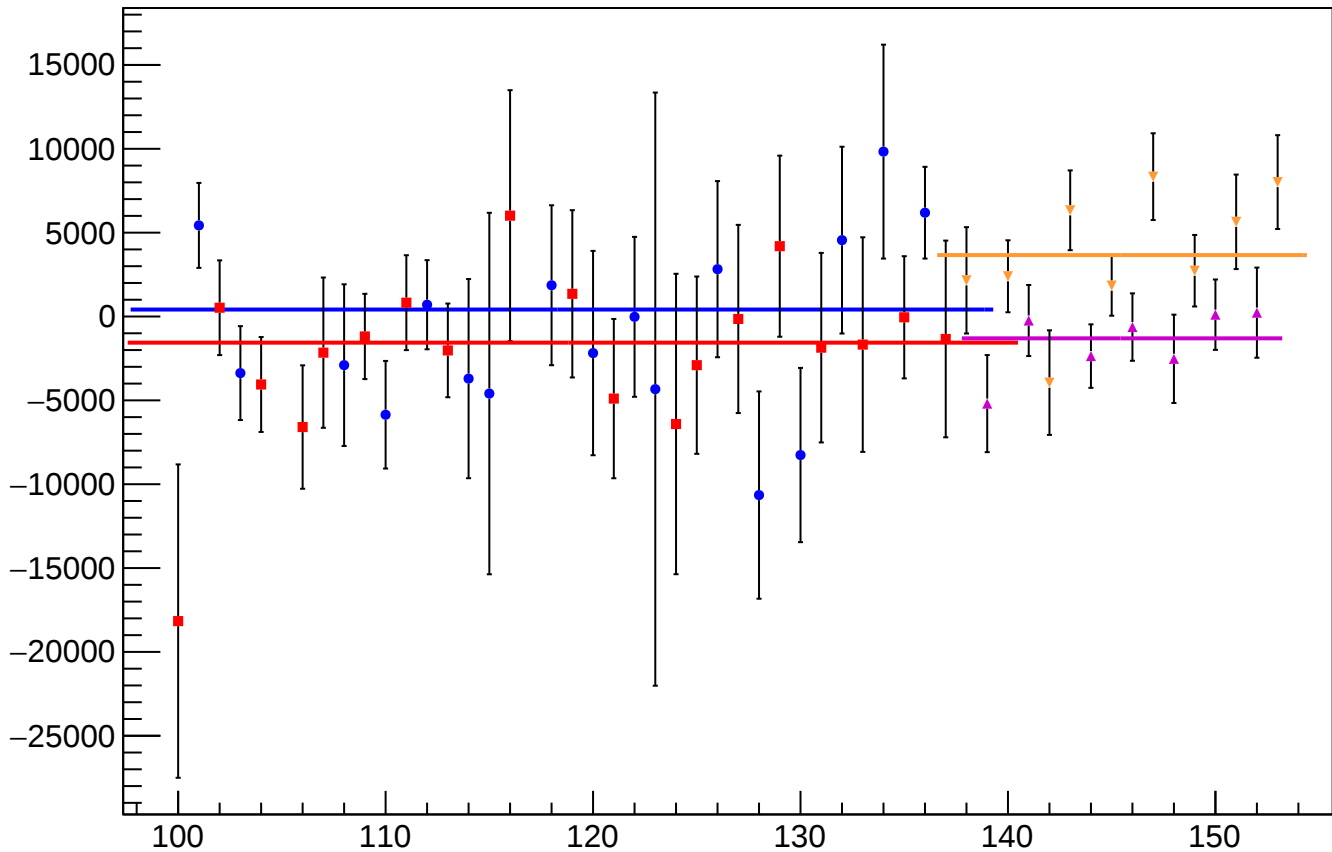
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2243.065+/-0.462 χ^2/NDF : 1309090.1/23

Out: 2192.794+/-0.431 χ^2/NDF : 1545663.2/27

All: 2216.159+/-0.315 χ^2/NDF : 2861079.7/51

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3663.431 $\pm$ 808.585 χ^2 /NDF:15.2/8

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -1302.056 $\pm$ 851.818 χ^2 /NDF:3.5/6

Left: 1309.886 $\pm$ 586.444 χ^2 /NDF: 36.5/15

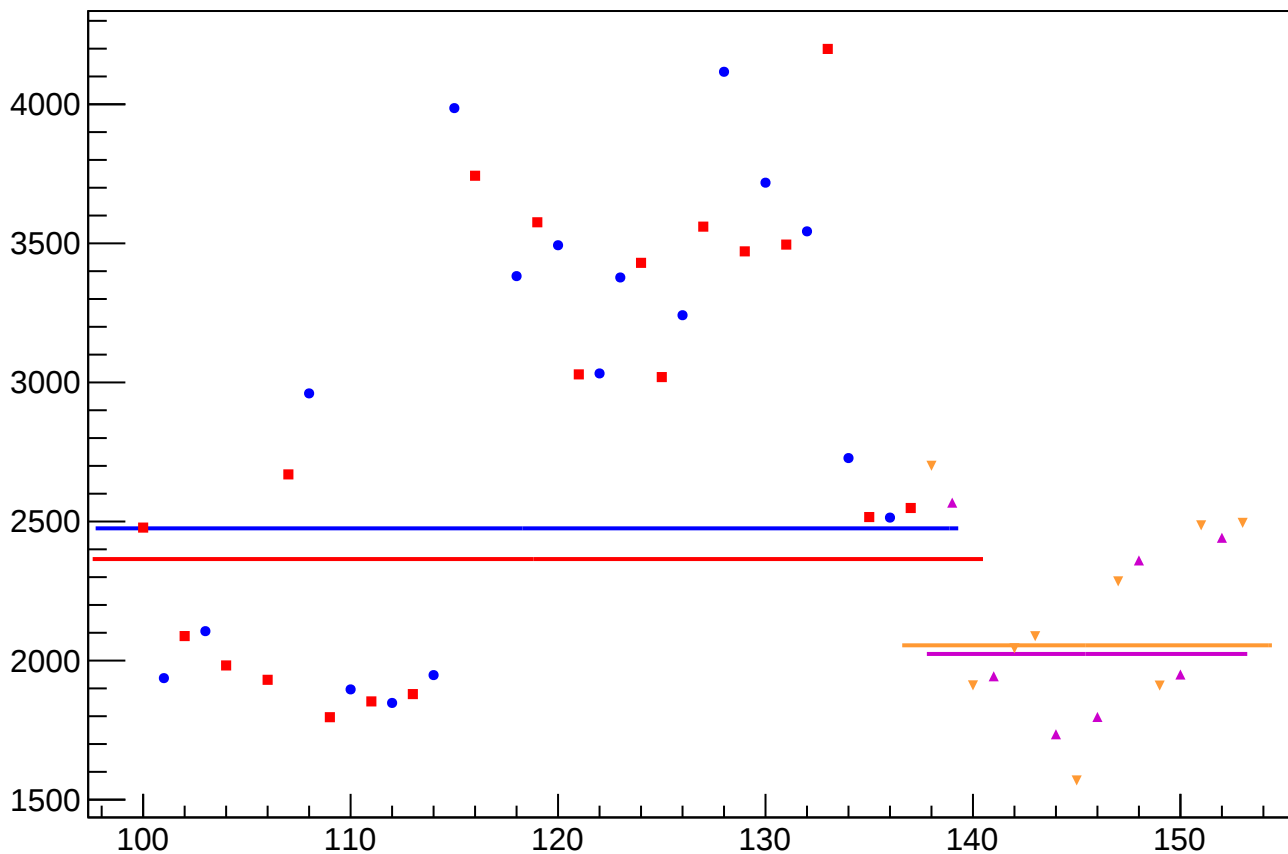
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -575.550 $\pm$ 647.058 χ^2 /NDF:29.7/23

Out: 1399.875 $\pm$ 608.620 χ^2 /NDF:44.0/27

All: 472.577 $\pm$ 443.326 χ^2 /NDF: 78.6/51

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2054.915+/-0.572 χ^2/NDF : 360179.2/8

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2023.850+/-0.602 χ^2/NDF : 228778.5/6

Left: 2040.191+/-0.415 χ^2/NDF : 590356.9/15

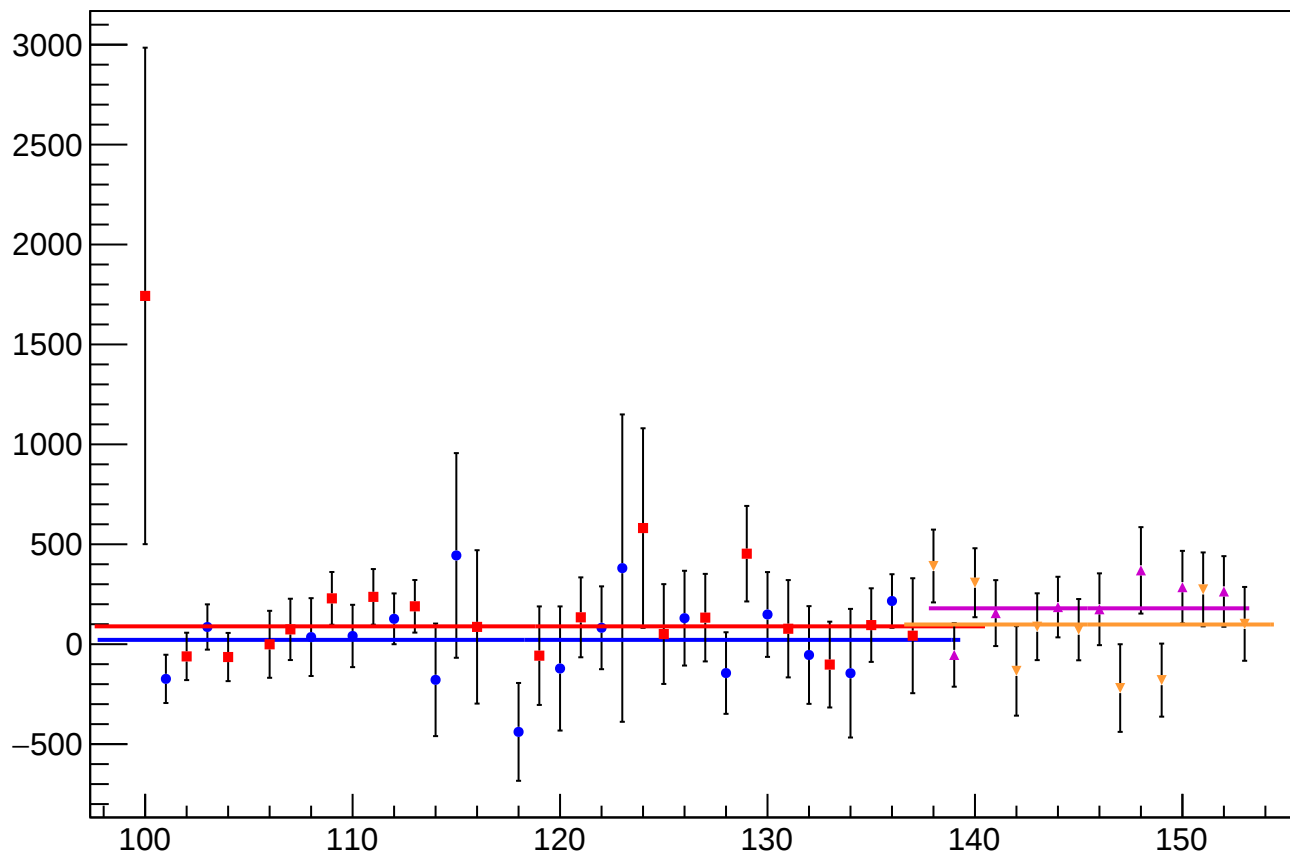
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2214.860+/-0.458 χ^2/NDF : 1379607.6/23

Out: 2189.331+/-0.430 χ^2/NDF : 1514861.3/27

All: 2201.315+/-0.313 χ^2/NDF : 2896120.7/51

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 98.574 $\pm$ 60.718 χ^2 /NDF:10.5/8

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 179.532 $\pm$ 65.292 χ^2 /NDF:3.5/6

Left: 136.119 $\pm$ 44.463 χ^2 /NDF: 14.8/15

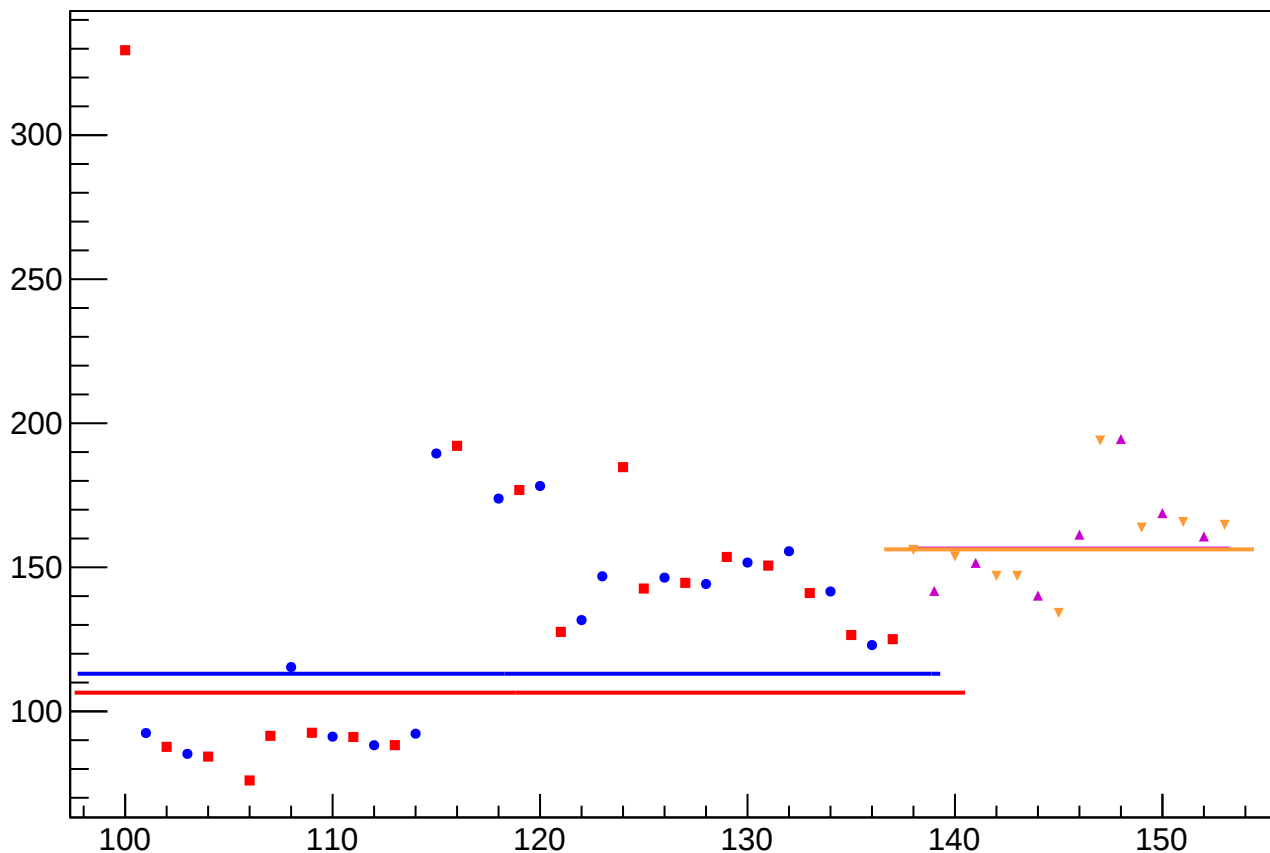
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 72.734 $\pm$ 37.139 χ^2 /NDF:20.1/23

Out: 92.291 $\pm$ 34.431 χ^2 /NDF:23.2/27

All: 83.251 $\pm$ 25.250 χ^2 /NDF: 43.4/51

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 156.228 $\pm$ 0.043 χ^2/NDF :123544.6/8

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 156.499 $\pm$ 0.046 χ^2/NDF :115685.4/6

Left: 156.354 $\pm$ 0.031 χ^2/NDF : 239248.4/15

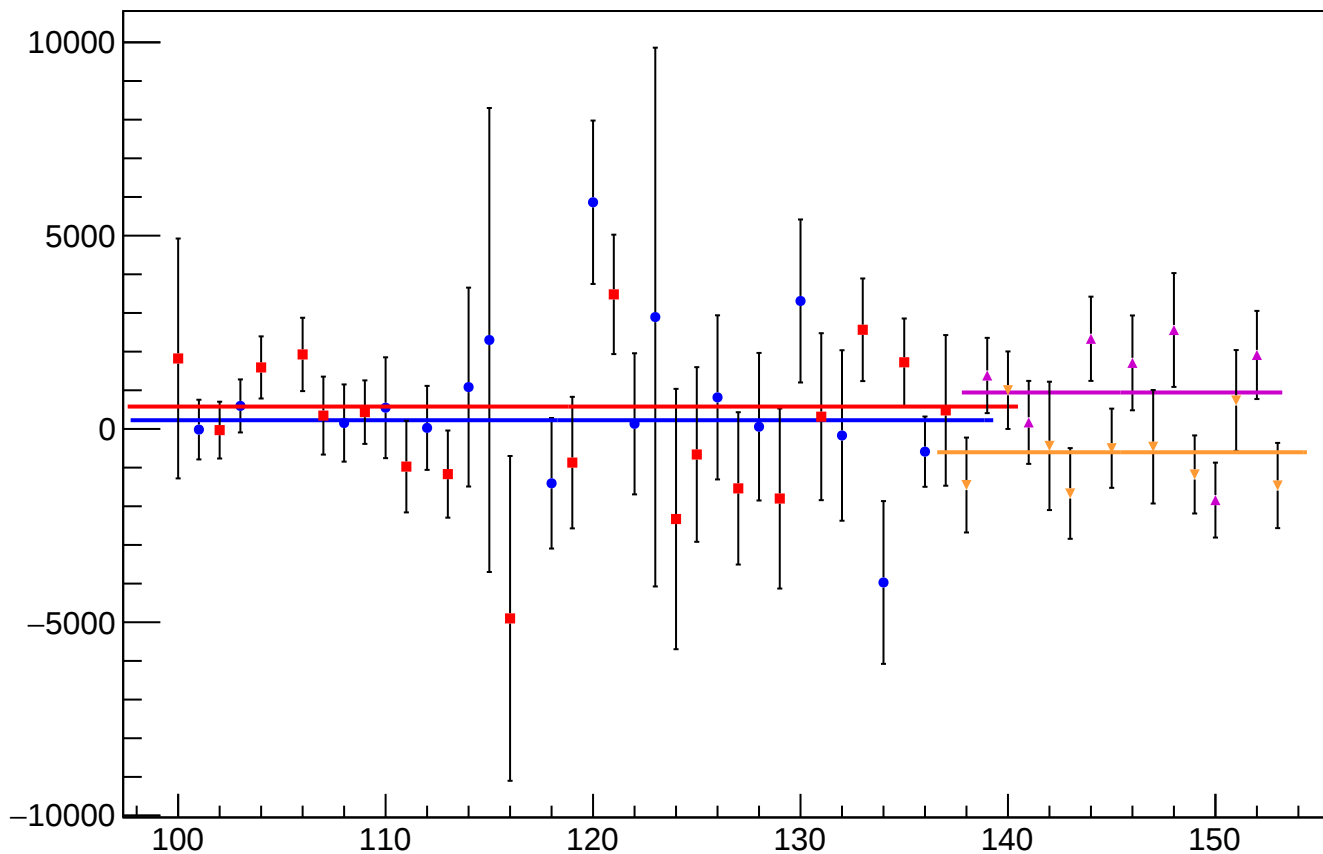
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 127.114 $\pm$ 0.026 χ^2/NDF :1535338.3/23

Out: 122.486 $\pm$ 0.024 χ^2/NDF :2050157.0/27

All: 124.625 $\pm$ 0.018 χ^2/NDF : 3602196.4/51

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -602.860 $\pm$ 390.515 χ^2/NDF : 5.9/8

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 943.024 $\pm$ 417.860 χ^2/NDF : 12.9/6

Left: 117.849 $\pm$ 285.314 χ^2/NDF : 26.1/15

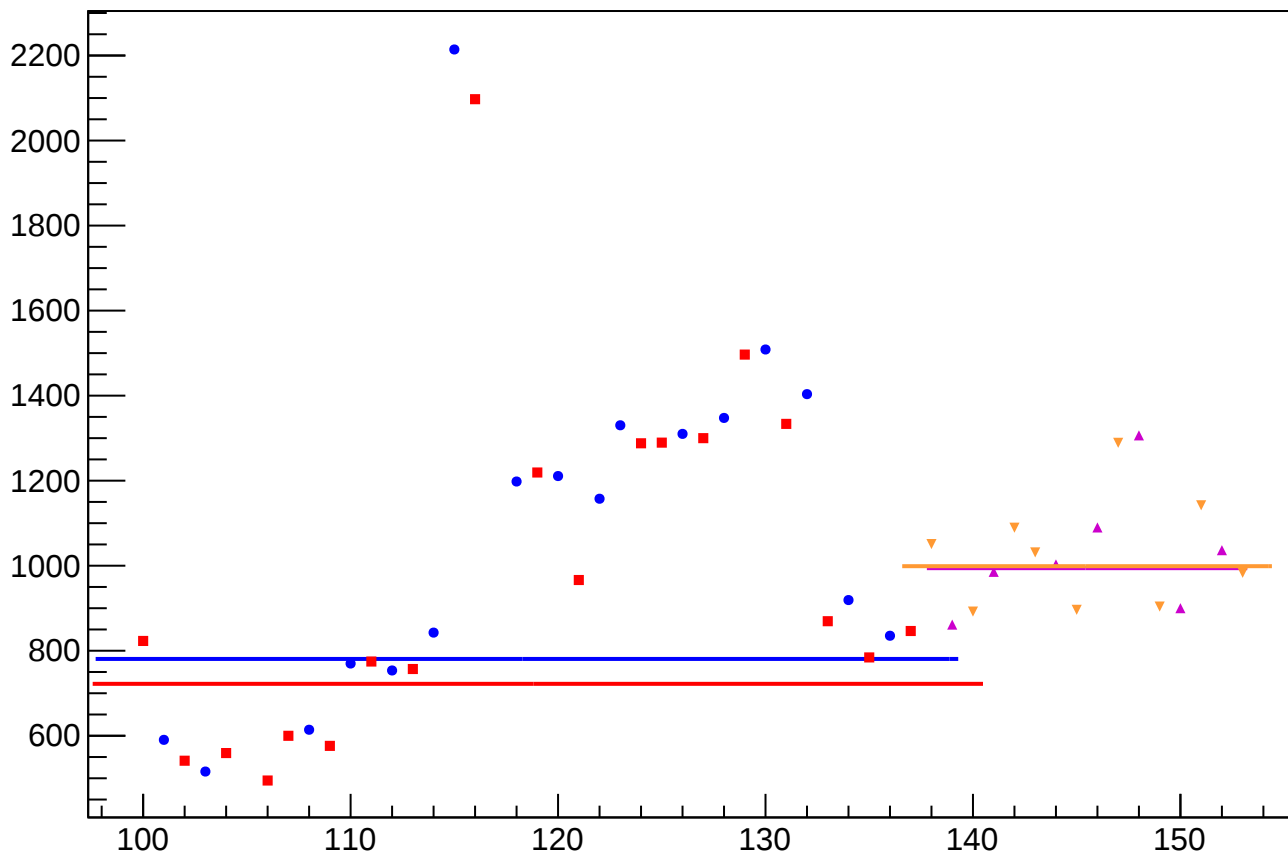
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 492.302 $\pm$ 254.764 χ^2/NDF : 30.7/23

Out: 160.350 $\pm$ 232.427 χ^2/NDF : 32.9/27

All: 311.138 $\pm$ 171.706 χ^2/NDF : 64.6/51

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 998.852+/-0.276 χ^2/NDF :174237.4/8

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 994.216+/-0.295 χ^2/NDF :161336.7/6

Left: 996.691+/-0.202 χ^2/NDF : 335705.6/15

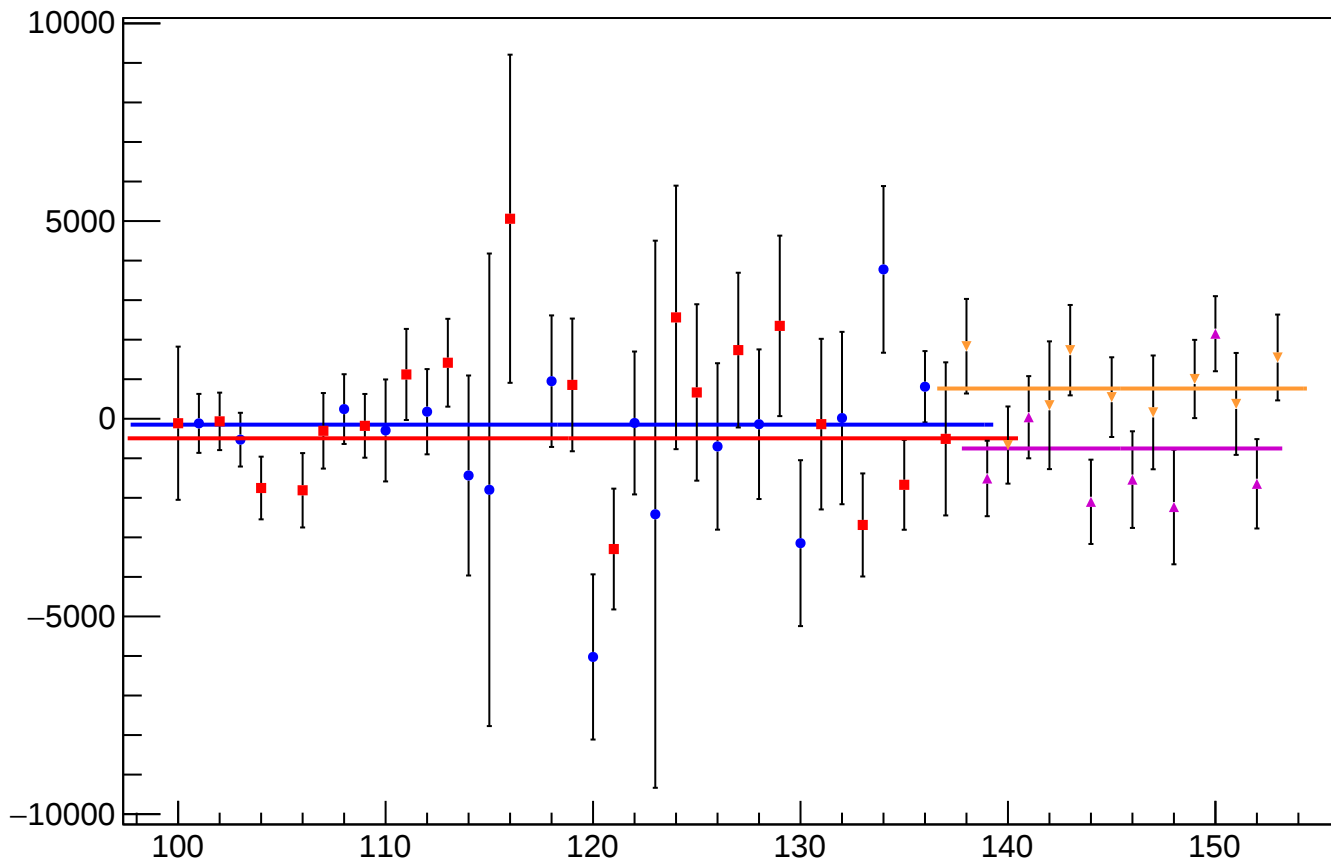
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 860.068+/-0.180 χ^2/NDF :2098927.9/23

Out: 820.167+/-0.164 χ^2/NDF :2451418.6/27

All: 838.292+/-0.121 χ^2/NDF : 4577120.0/51

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.376 ± 382.458 $\chi^2/\text{NDF}: 4.6/8$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -751.919 ± 410.272 $\chi^2/\text{NDF}: 14.2/6$

Left: 59.365 ± 279.755 $\chi^2/\text{NDF}: 26.2/15$

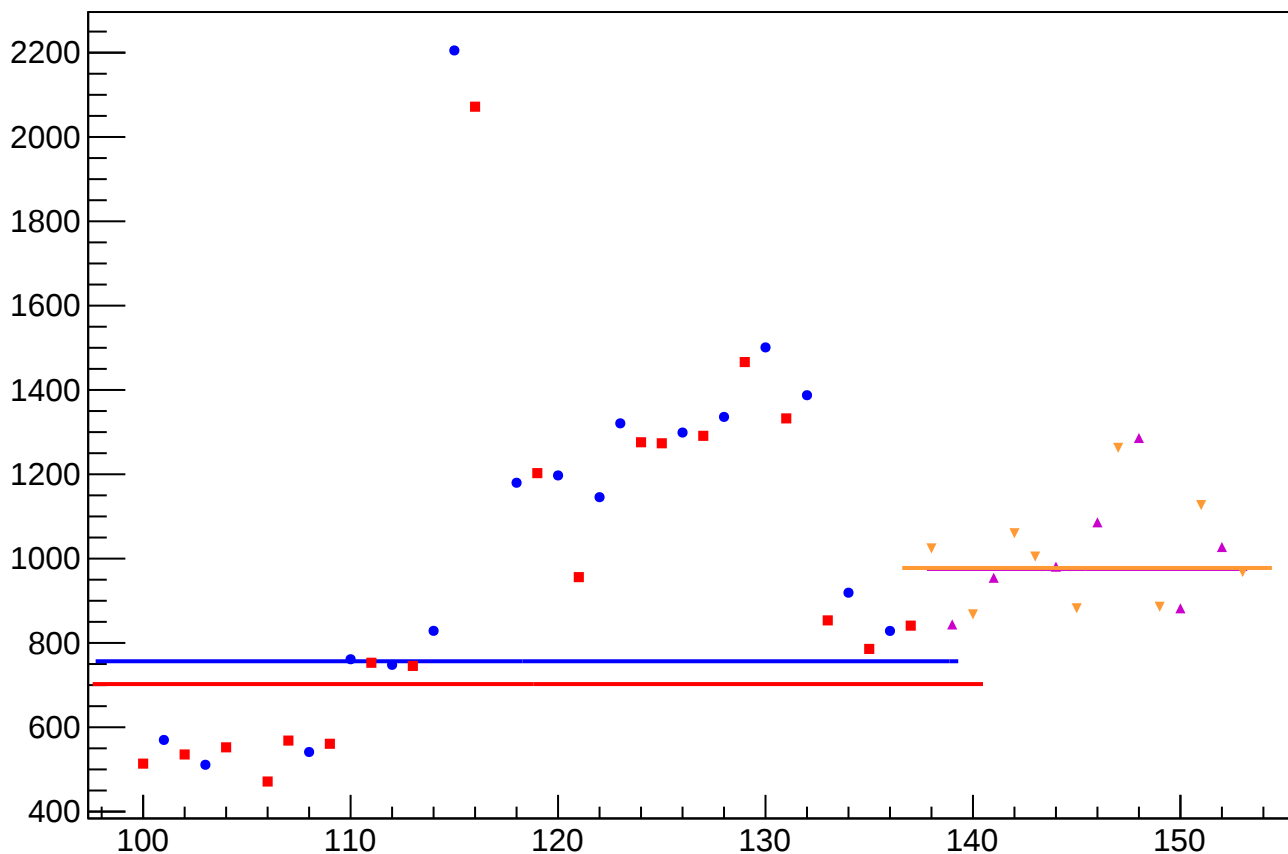
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -370.884 ± 248.831 $\chi^2/\text{NDF}: 31.7/23$

Out: -49.898 ± 227.348 $\chi^2/\text{NDF}: 35.3/27$

All: -195.938 ± 167.841 $\chi^2/\text{NDF}: 67.9/51$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 977.836+/-0.270 χ^2/NDF : 175355.4/8

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 975.501+/-0.290 χ^2/NDF : 170718.7/6

Left: 976.750+/-0.198 χ^2/NDF : 346108.7/15

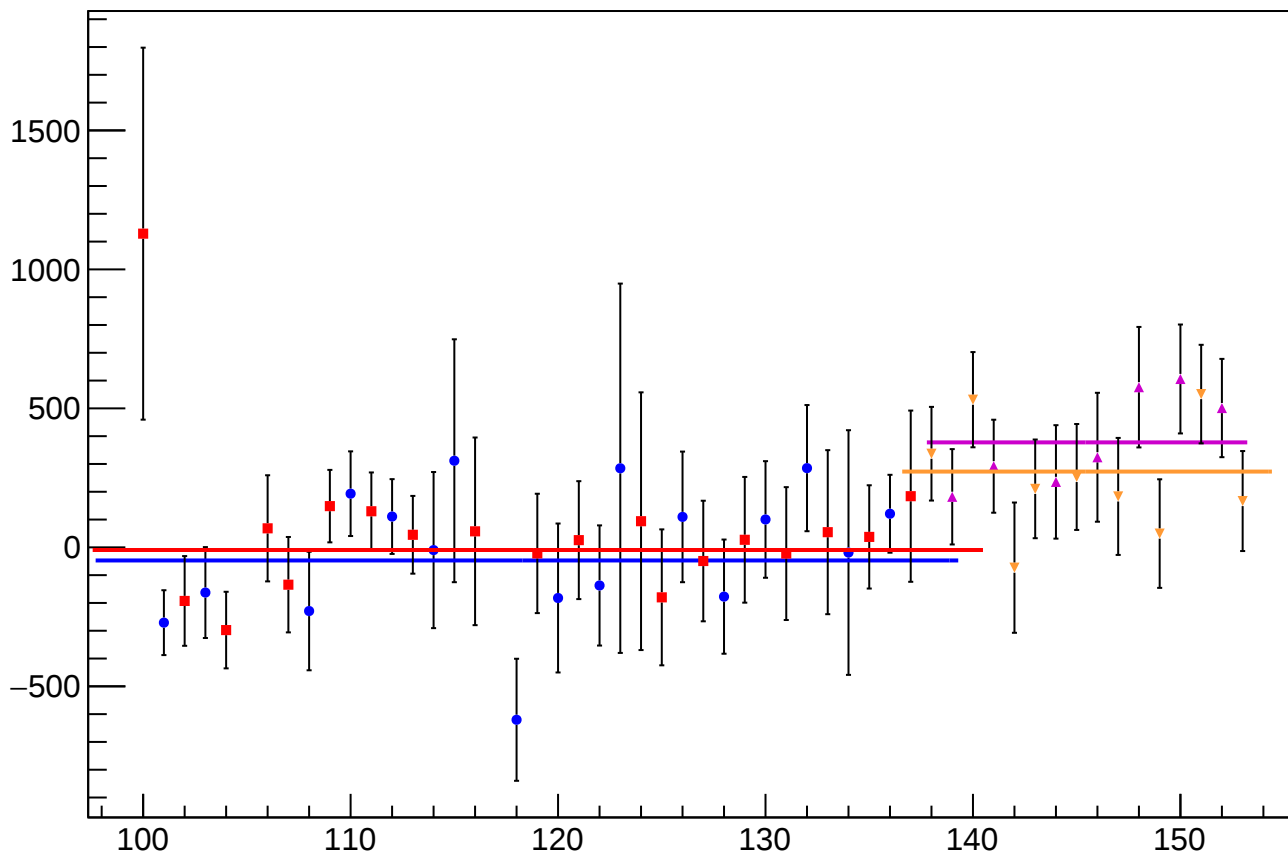
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 837.083+/-0.176 χ^2/NDF : 2244479.7/23

Out: 799.755+/-0.161 χ^2/NDF : 2535295.0/27

All: 816.738+/-0.119 χ^2/NDF : 4804304.5/51

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 272.642 ± 62.220 $\chi^2/\text{NDF}: 9.0/8$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 377.630 ± 72.236 $\chi^2/\text{NDF}: 4.8/6$

Left: 317.358 ± 47.143 $\chi^2/\text{NDF}: 15.0/15$

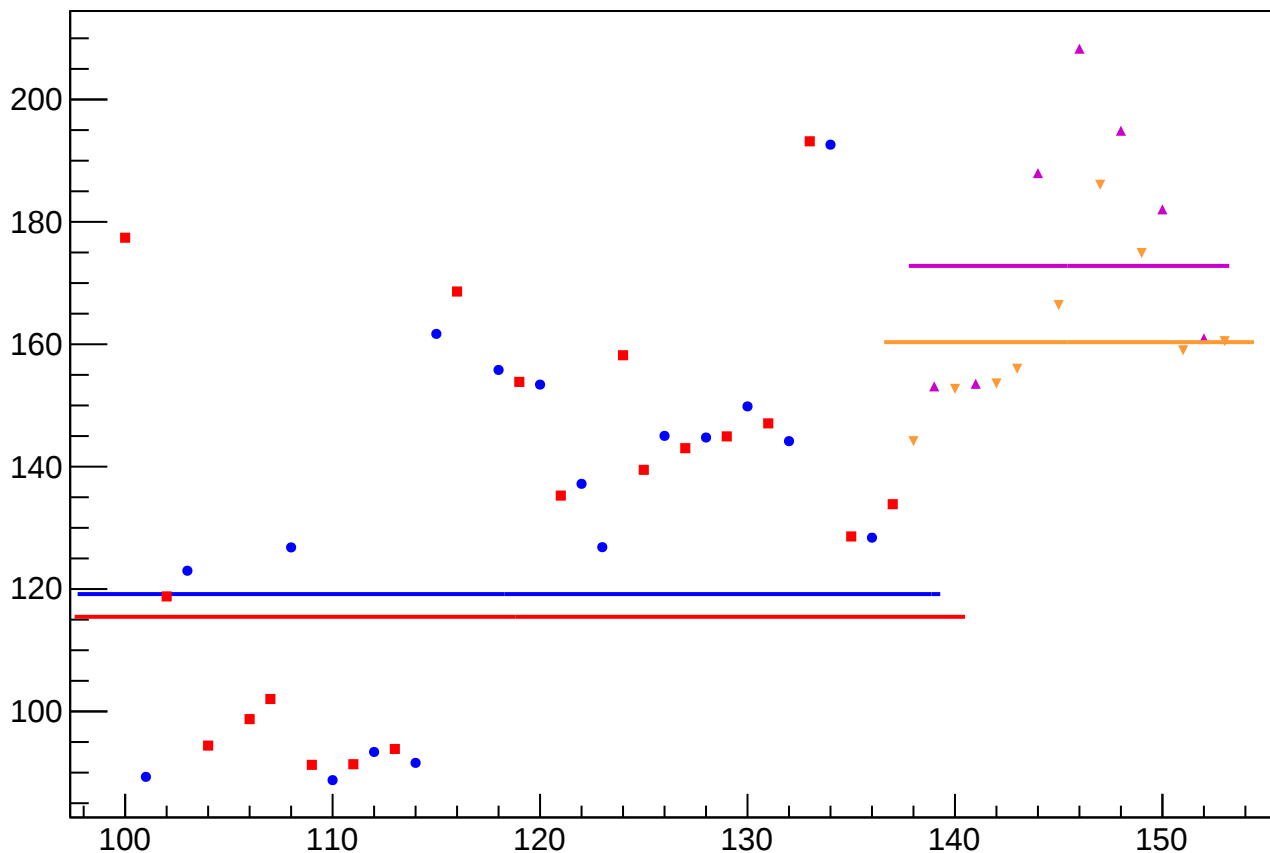
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 80.201 ± 39.553 $\chi^2/\text{NDF}: 50.9/23$

Out: 86.681 ± 36.329 $\chi^2/\text{NDF}: 35.6/27$

All: 83.716 ± 26.756 $\chi^2/\text{NDF}: 86.5/51$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 160.347 $\pm$ 0.044 χ^2 /NDF:68406.0/8

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 172.806 $\pm$ 0.051 χ^2 /NDF:144952.4/6

Left: 165.653 $\pm$ 0.033 χ^2 /NDF: 247511.0/15

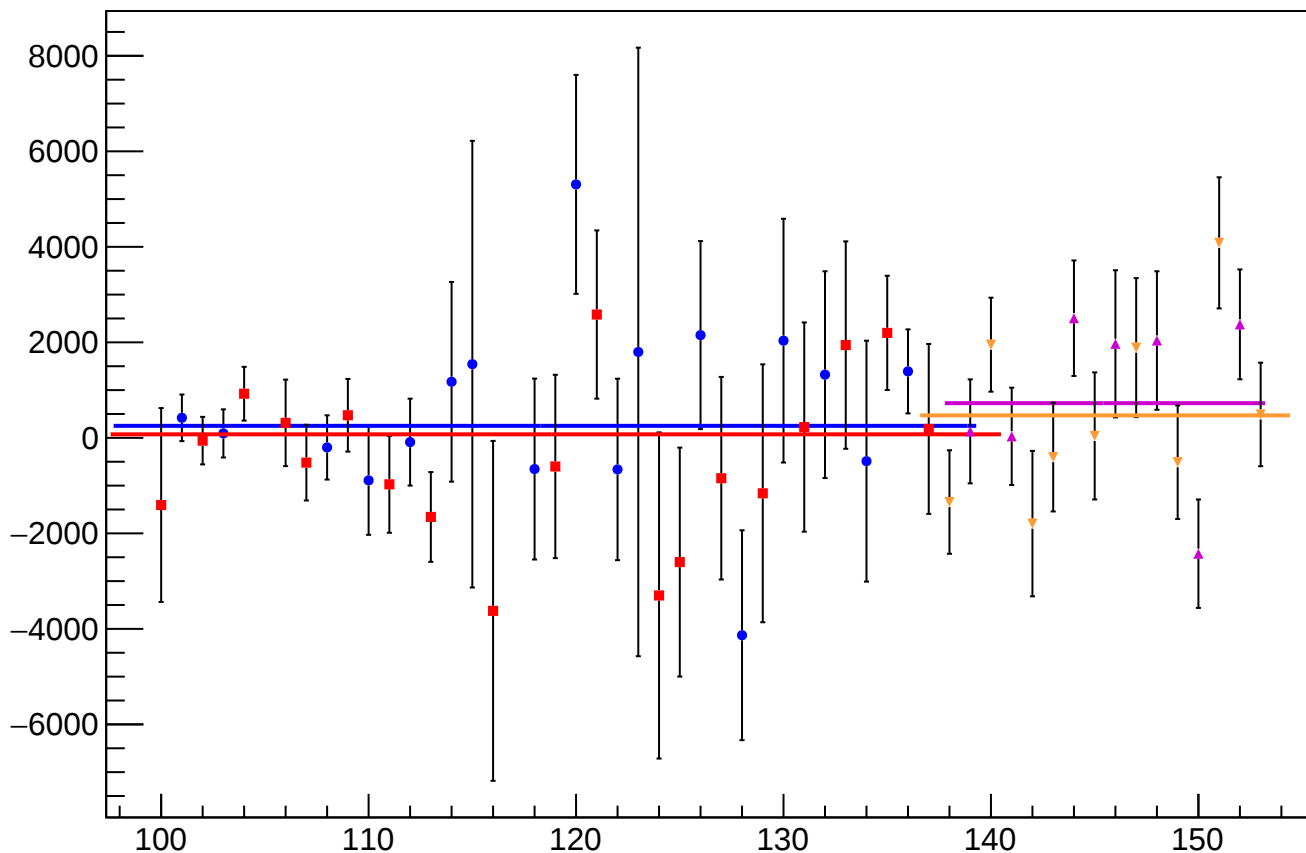
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 135.254 $\pm$ 0.028 χ^2 /NDF:1532157.1/23

Out: 130.767 $\pm$ 0.026 χ^2 /NDF:1447057.0/27

All: 132.820 $\pm$ 0.019 χ^2 /NDF: 2993180.7/51

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 470.463+/-401.203 χ^2/NDF : 16.5/8

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 726.310+/-450.925 χ^2/NDF : 14.2/6

Left: 583.509+/-299.737 χ^2/NDF : 30.9/15

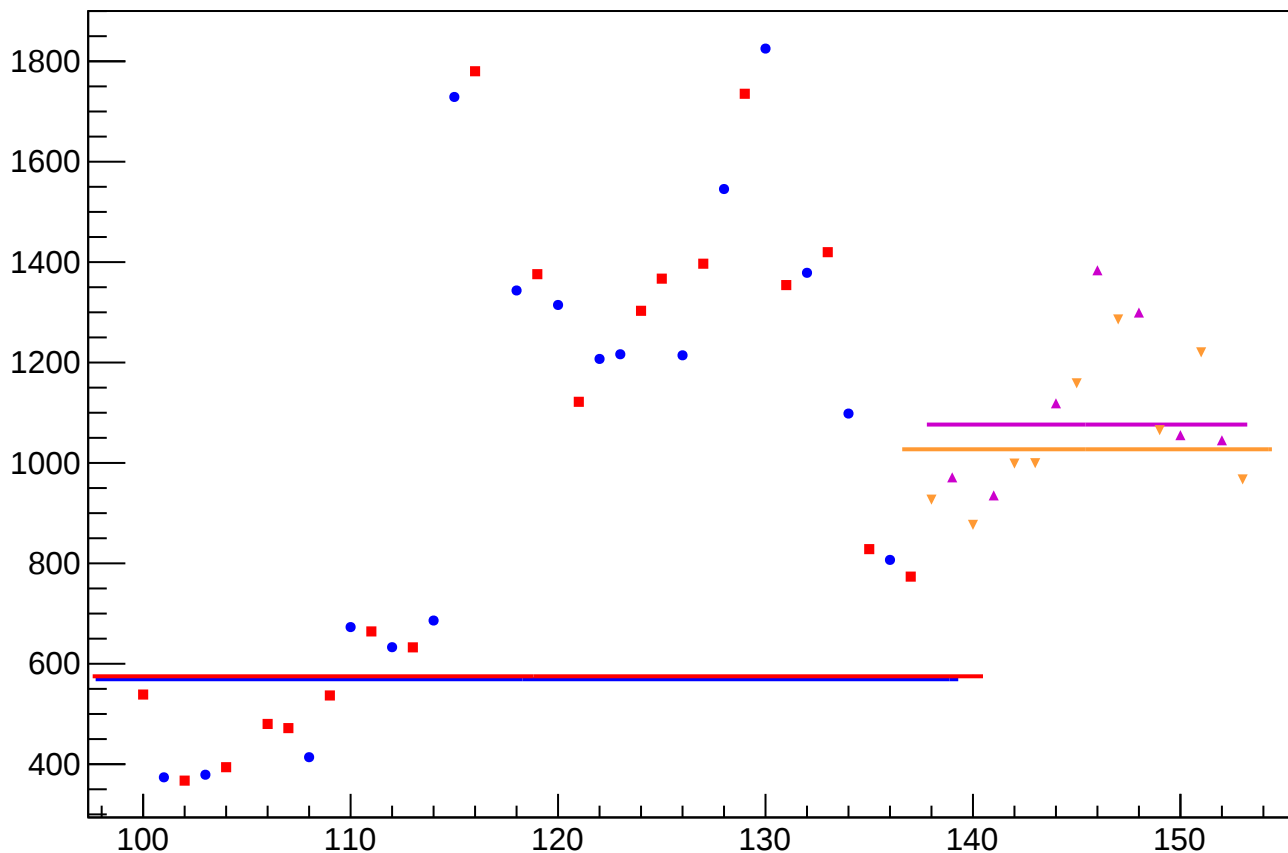
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 365.236+/-220.524 χ^2/NDF : 29.9/23

Out: 181.117+/-208.453 χ^2/NDF : 35.2/27

All: 268.000+/-151.486 χ^2/NDF : 65.5/51

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 ± 0.179 $\chi^2/\text{NDF}: 3267047.1/16$

Left Out: 1027.194 ± 0.284 $\chi^2/\text{NDF}: 196141.9/8$

Right Out: 575.051 ± 0.173 $\chi^2/\text{NDF}: 3058923.3/18$

Left In: 1076.443 ± 0.319 $\chi^2/\text{NDF}: 188497.8/6$

Left: 1048.955 ± 0.212 $\chi^2/\text{NDF}: 397955.5/15$

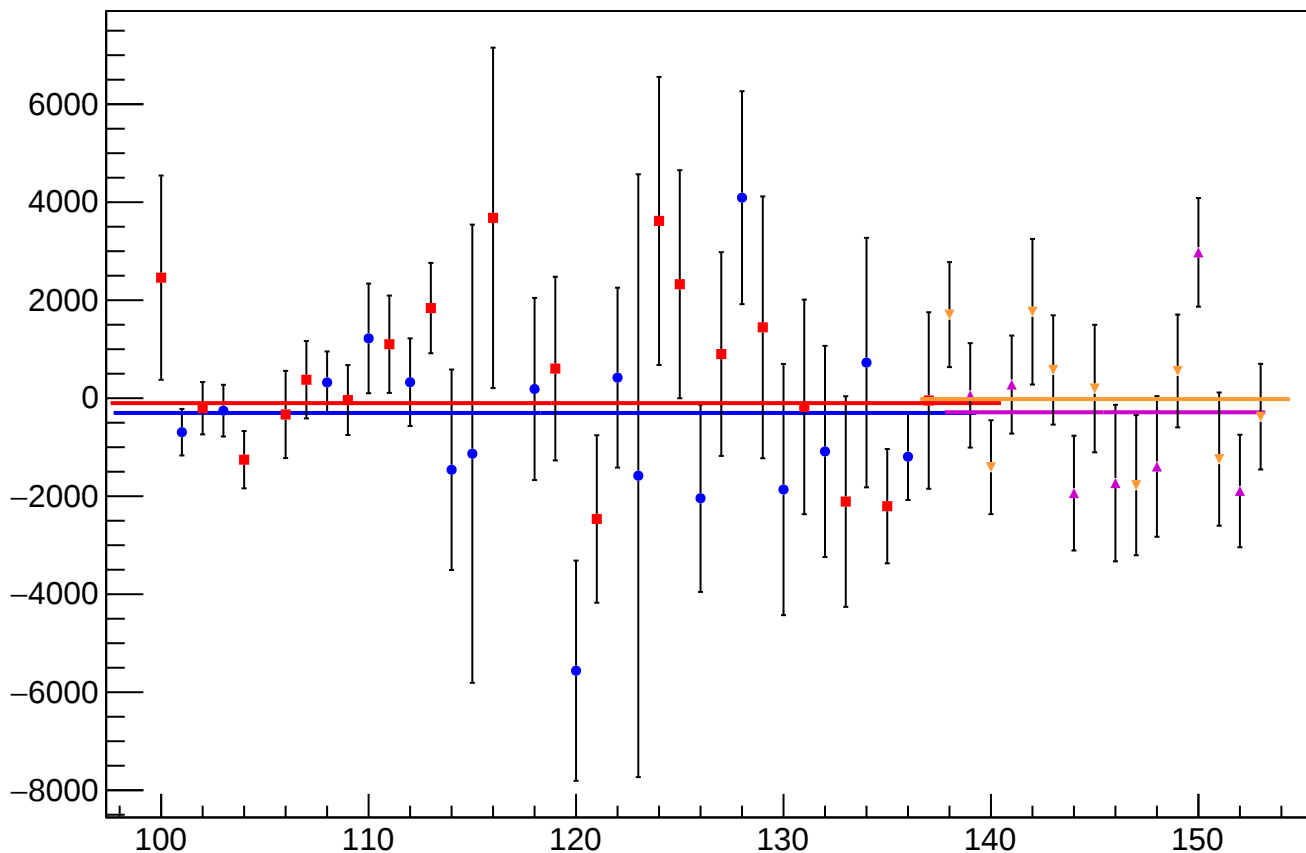
Right: 572.230 ± 0.124 $\chi^2/\text{NDF}: 6326525.2/35$

In: 690.516 ± 0.156 $\chi^2/\text{NDF}: 5381045.9/23$

Out: 697.108 ± 0.147 $\chi^2/\text{NDF}: 5109466.4/27$

All: 693.997 ± 0.107 $\chi^2/\text{NDF}: 10491456.3/51$

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -17.743 ± 393.657 $\chi^2/\text{NDF}: 9.1/8$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -286.851 ± 444.544 $\chi^2/\text{NDF}: 14.4/6$

Left: -136.020 ± 294.714 $\chi^2/\text{NDF}: 23.8/15$

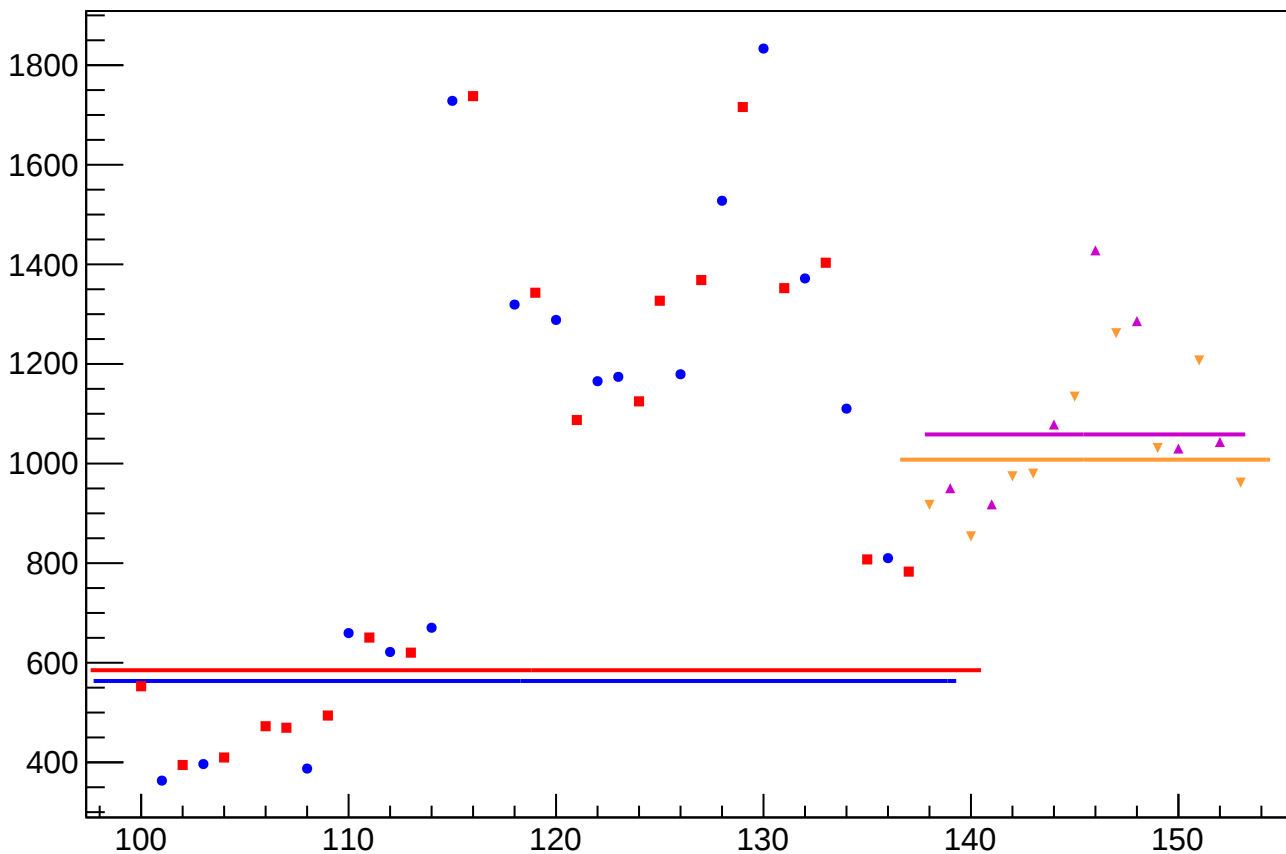
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -297.330 ± 218.106 $\chi^2/\text{NDF}: 31.2/23$

Out: -76.866 ± 208.592 $\chi^2/\text{NDF}: 31.5/27$

All: -182.185 ± 150.748 $\chi^2/\text{NDF}: 63.2/51$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1007.853 $\pm$ 0.278 χ^2 /NDF:197838.8/8

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1058.492 $\pm$ 0.314 χ^2 /NDF:219629.6/6

Left: 1030.109 $\pm$ 0.208 χ^2 /NDF: 432014.3/15

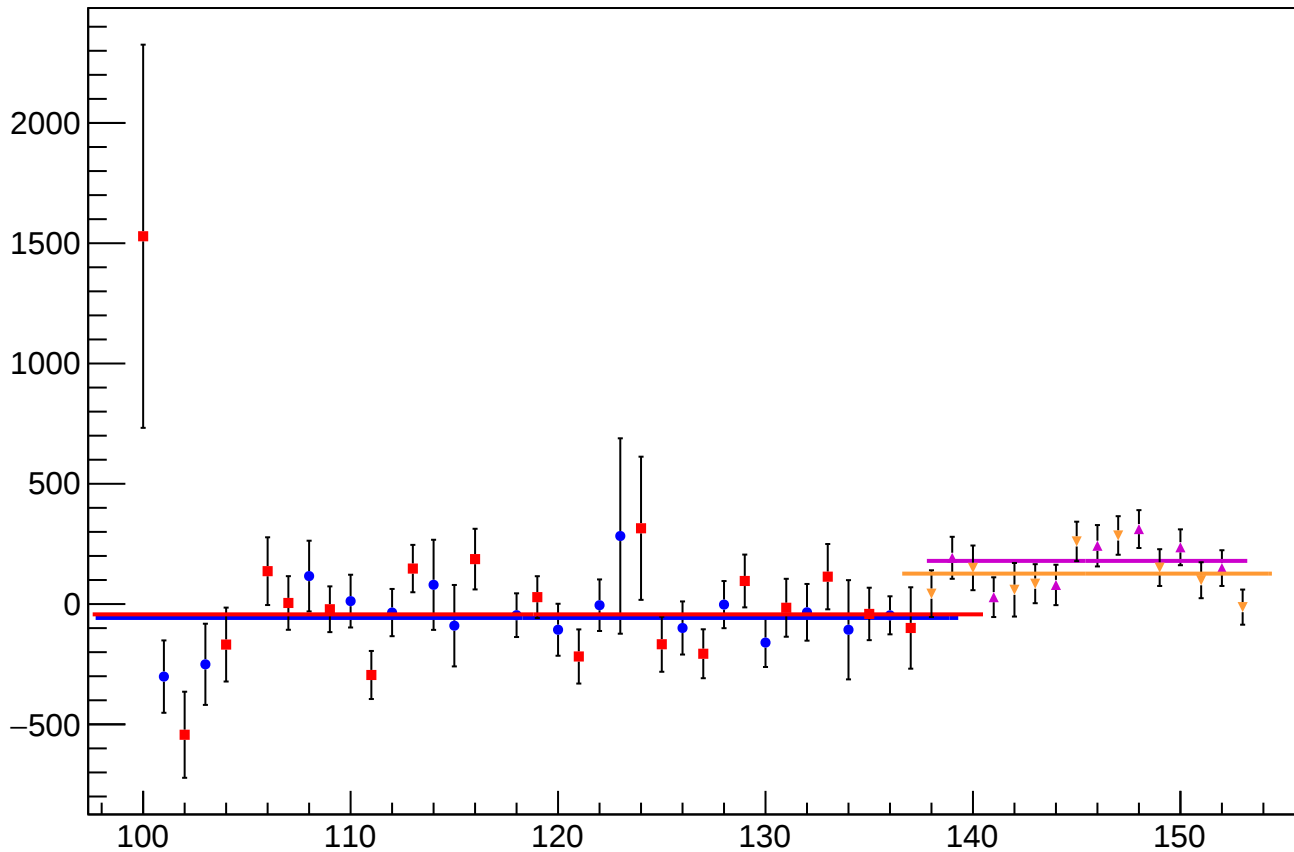
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 682.571 $\pm$ 0.154 χ^2 /NDF:5362273.7/23

Out: 703.715 $\pm$ 0.147 χ^2 /NDF:4676321.3/27

All: 693.614 $\pm$ 0.107 χ^2 /NDF: 10048411.8/53

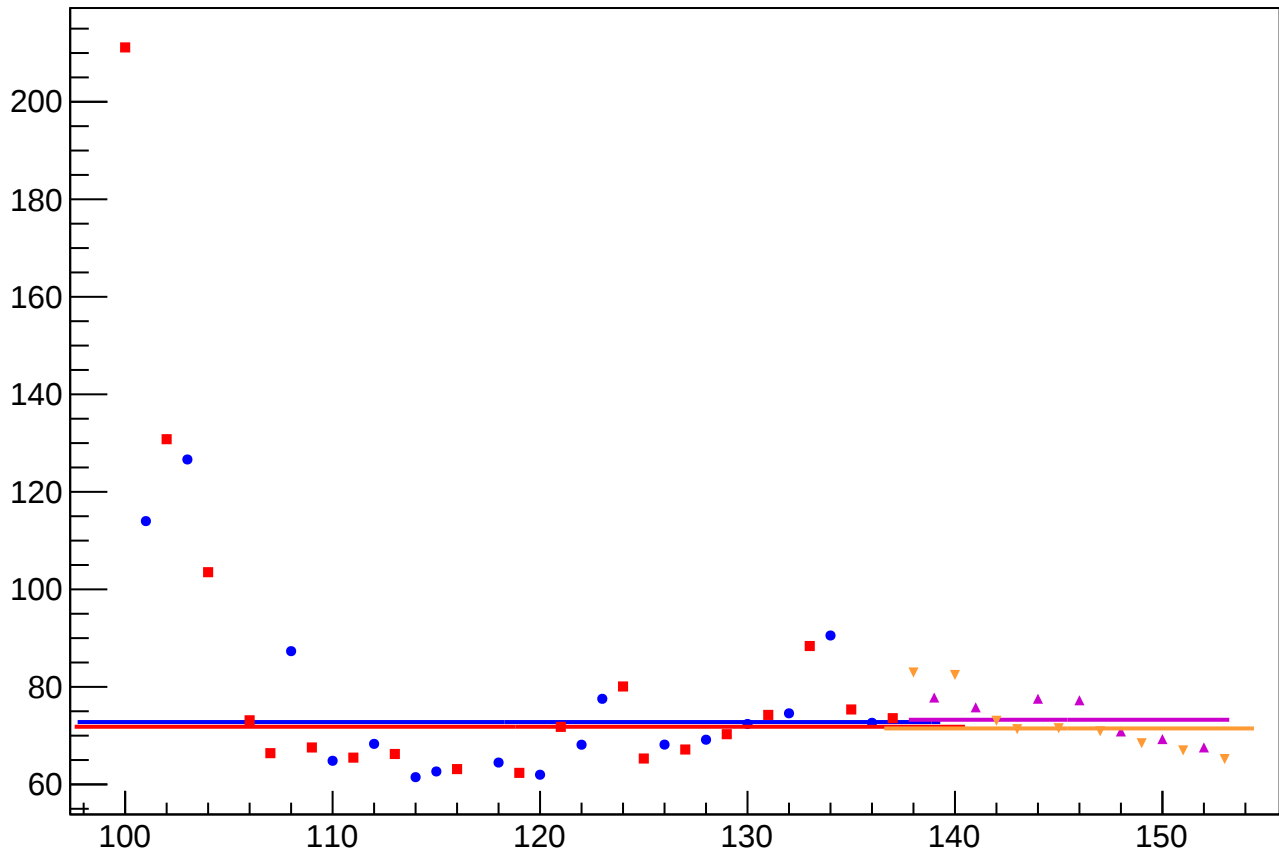
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 126.549 ± 27.768 $\chi^2/\text{NDF}: 11.9/8$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 179.457 ± 30.468 $\chi^2/\text{NDF}: 8.9/6$

Left: 150.555 ± 20.523 $\chi^2/\text{NDF}: 22.4/15$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 53.767 ± 20.888 $\chi^2/\text{NDF}: 50.1/23$
 Out: 41.654 ± 19.609 $\chi^2/\text{NDF}: 69.6/27$
 All: 47.328 ± 14.297 $\chi^2/\text{NDF}: 119.9/51$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 71.478+/-0.020 χ^2/NDF : 81526.2/8

Right Out: 71.824+/-0.020 χ^2/NDF : 465654.1/18

Left In: 73.259+/-0.022 χ^2/NDF : 36130.4/6

Left: 72.286+/-0.015 χ^2/NDF : 121386.4/15

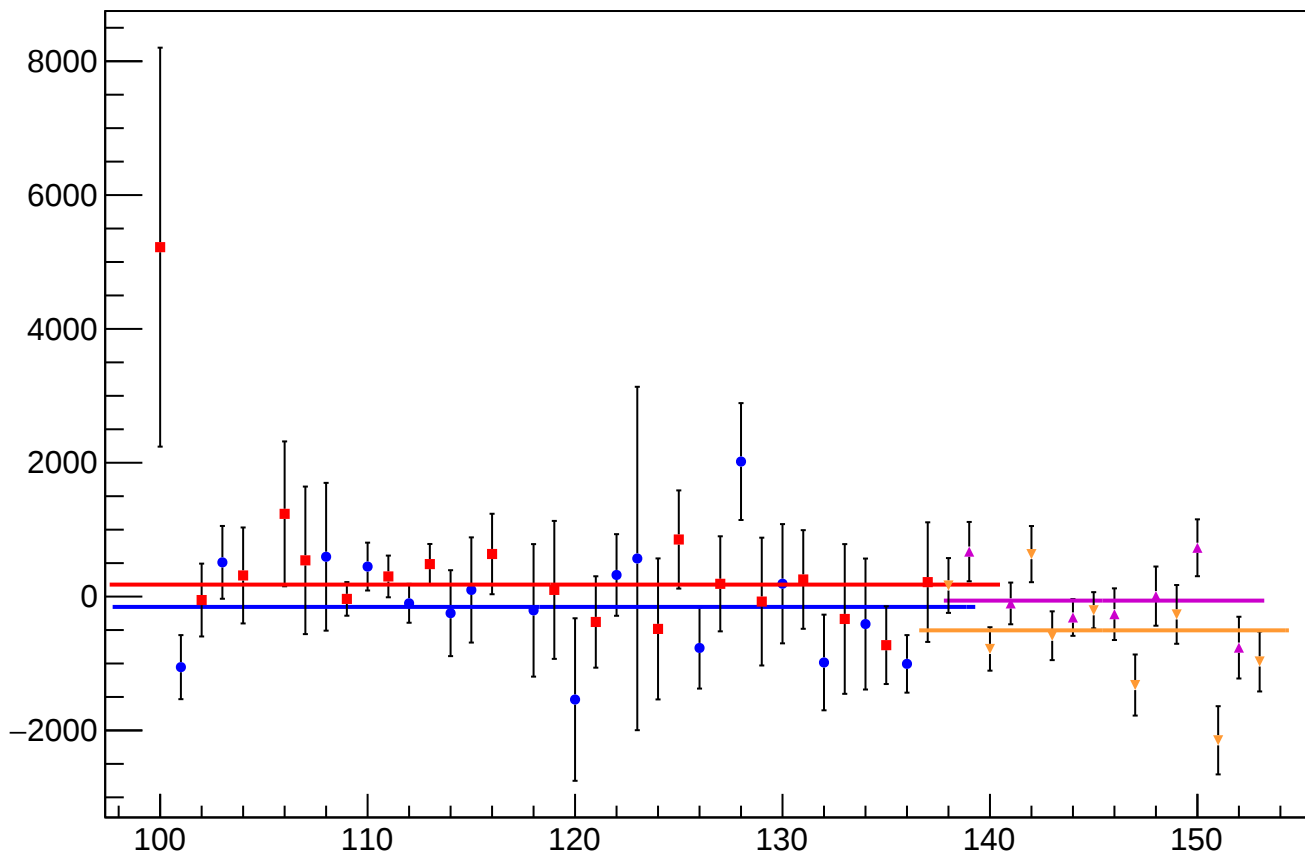
Right: 72.290+/-0.014 χ^2/NDF : 931600.5/35

In: 73.010+/-0.015 χ^2/NDF : 501154.3/23

Out: 71.652+/-0.014 χ^2/NDF : 547335.5/27

All: 72.288+/-0.010 χ^2/NDF : 1052986.9/51

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -504.583 $\pm$ 127.894 χ^2 /NDF:27.0/8

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: -60.252 $\pm$ 140.405 χ^2 /NDF:9.7/6

Left: -303.092 $\pm$ 94.549 χ^2 /NDF: 42.2/15

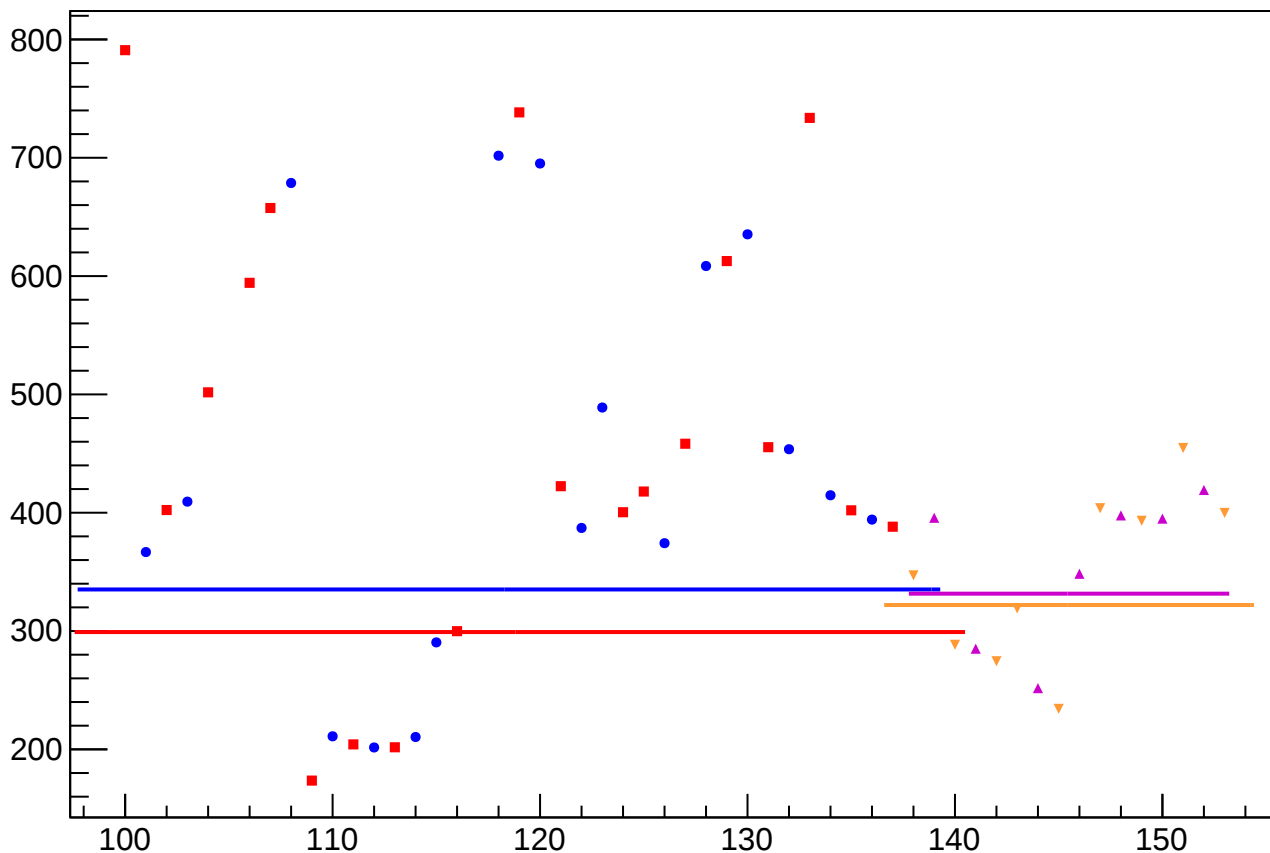
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -107.229 $\pm$ 99.386 χ^2 /NDF:33.1/23

Out: -157.948 $\pm$ 89.796 χ^2 /NDF:52.8/27

All: -135.153 $\pm$ 66.629 χ^2 /NDF: 86.0/51

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 321.988+/-0.090 χ^2/NDF : 578024.8/8

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 331.594+/-0.099 χ^2/NDF : 420992.6/6

Left: 326.344+/-0.067 χ^2/NDF : 1004134.4/15

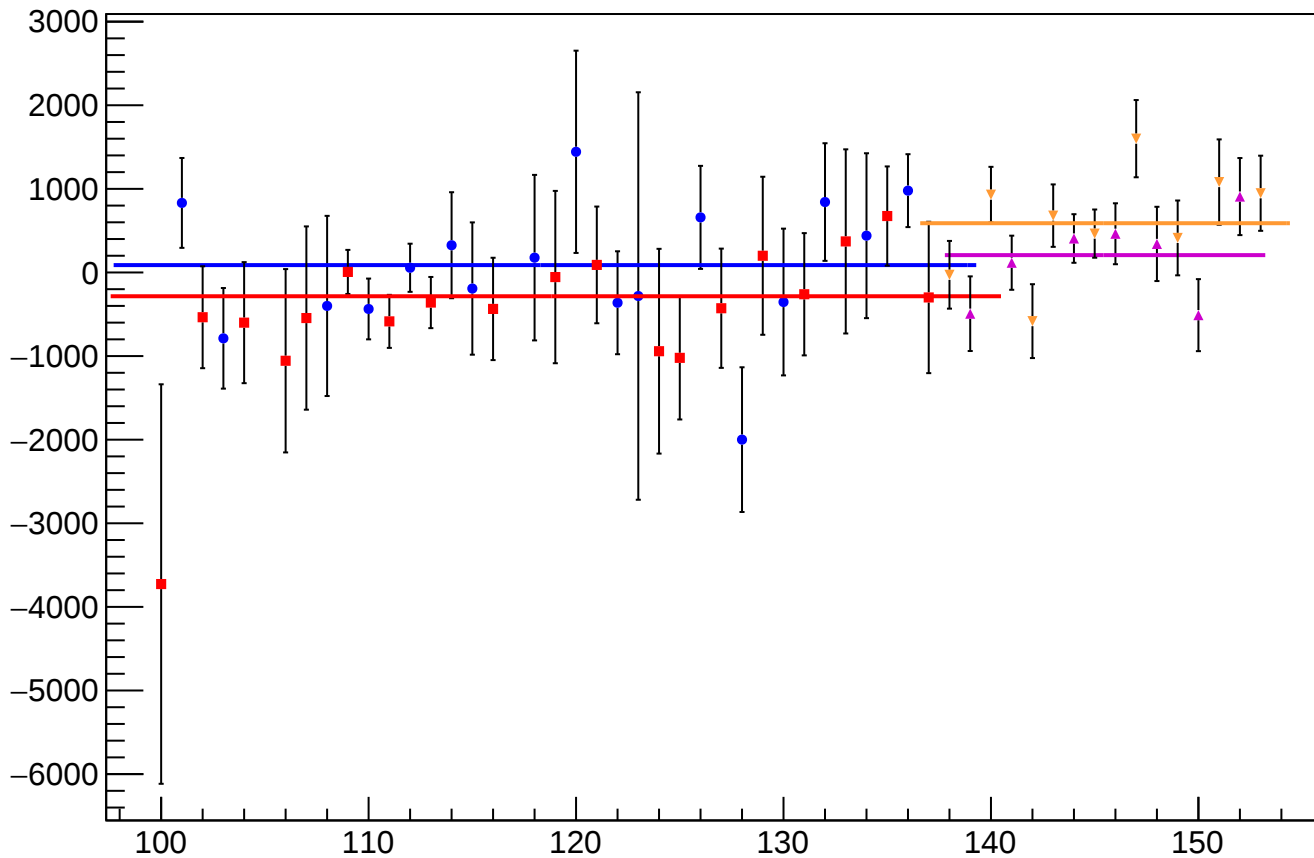
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 333.360+/-0.070 χ^2/NDF : 2415672.2/23

Out: 310.401+/-0.063 χ^2/NDF : 3441491.1/27

All: 320.720+/-0.047 χ^2/NDF : 5915929.1/51

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 589.120+/-131.395 χ^2/NDF :17.2/8

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 207.429+/-142.714 χ^2/NDF :8.7/6

Left: 414.009+/-96.664 χ^2/NDF : 29.7/15

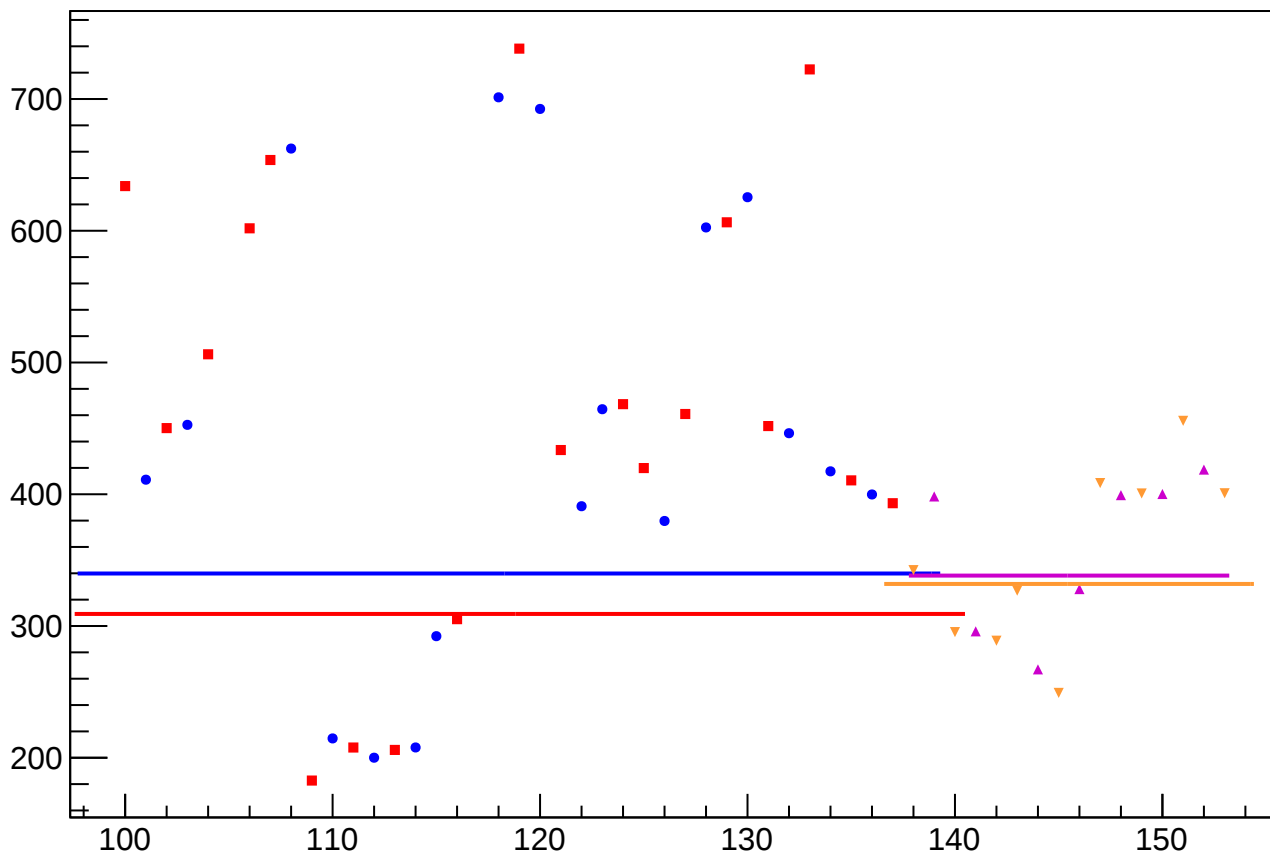
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 147.899+/-101.021 χ^2/NDF :29.8/23

Out: 146.549+/-92.296 χ^2/NDF :49.7/27

All: 147.163+/-68.139 χ^2/NDF : 79.5/51

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 331.924 $\pm$ 0.093 χ^2/NDF : 475998.4/8

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 338.264 $\pm$ 0.101 χ^2/NDF : 332002.7/6

Left: 334.832 $\pm$ 0.068 χ^2/NDF : 810137.5/15

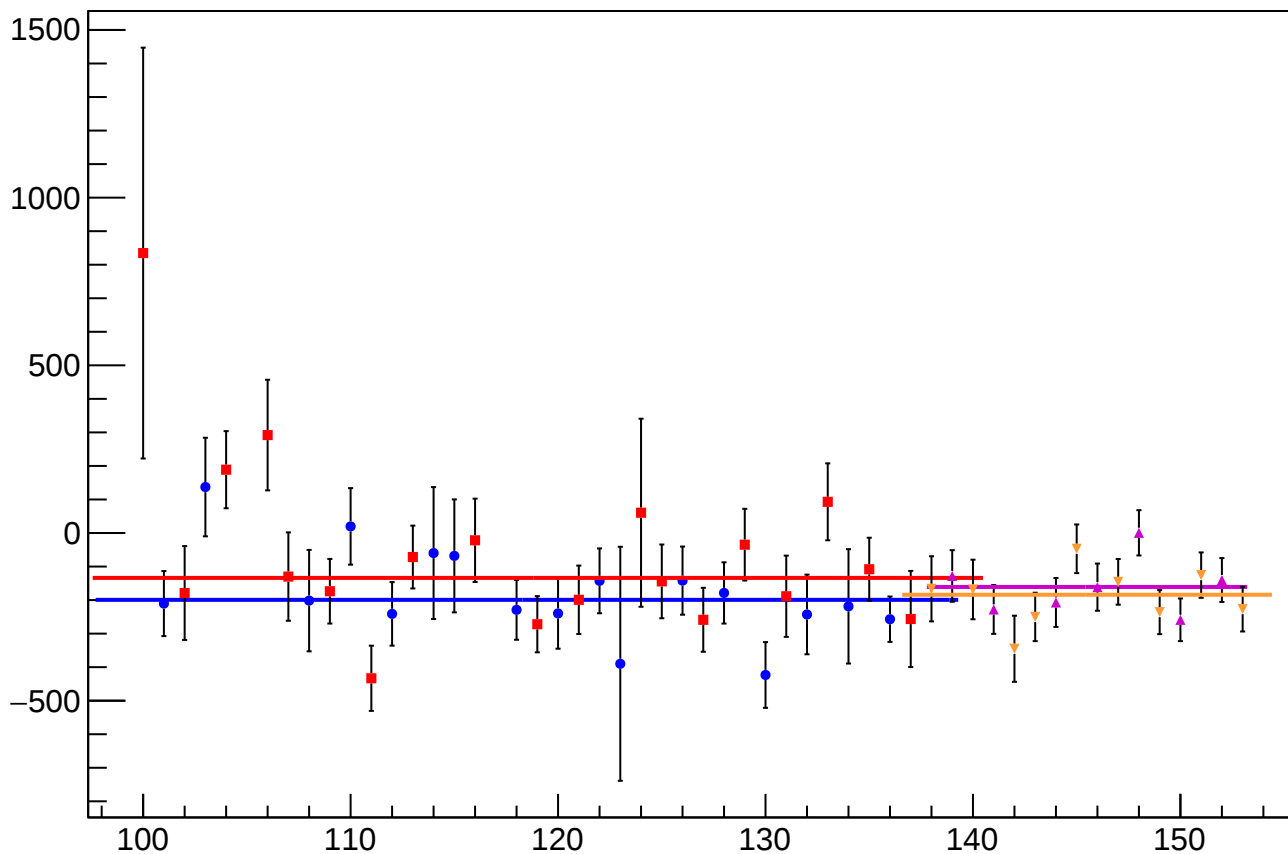
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 339.055 $\pm$ 0.071 χ^2/NDF : 2375648.3/23

Out: 320.391 $\pm$ 0.065 χ^2/NDF : 3242300.0/27

All: 328.882 $\pm$ 0.048 χ^2/NDF : 5655157.4/51

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -184.110 $\pm$ 24.934 χ^2/NDF : 9.2/8

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -160.800 $\pm$ 26.267 χ^2/NDF : 9.6/6

Left: -173.062 $\pm$ 18.084 χ^2/NDF : 19.3/15

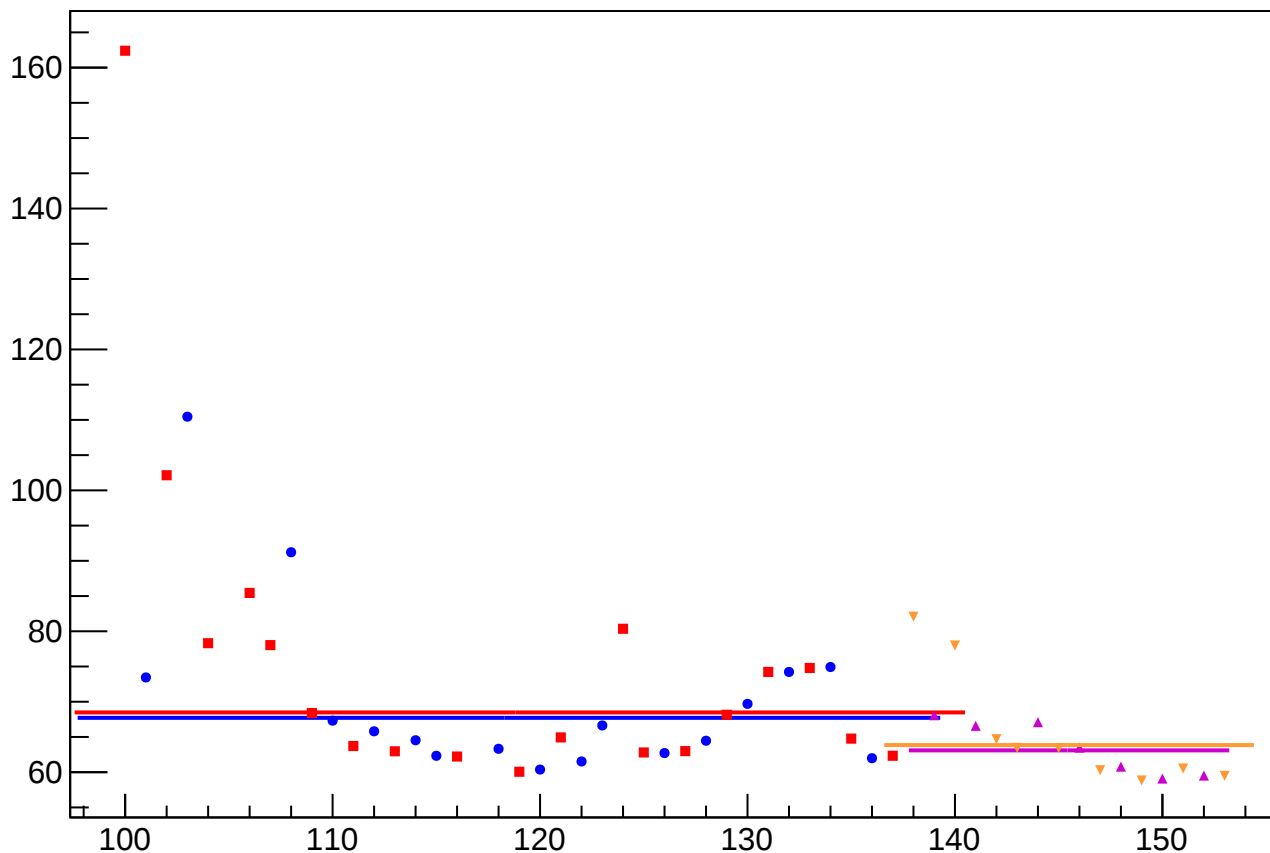
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -179.845 $\pm$ 18.661 χ^2/NDF : 28.3/23

Out: -160.248 $\pm$ 18.071 χ^2/NDF : 50.3/27

All: -169.732 $\pm$ 12.982 χ^2/NDF : 79.2/51

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.850 $\pm$ 0.018 χ^2 /NDF: 151977.1/8

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.099 $\pm$ 0.019 χ^2 /NDF: 35356.6/6

Left: 63.494 $\pm$ 0.013 χ^2 /NDF: 188194.4/15

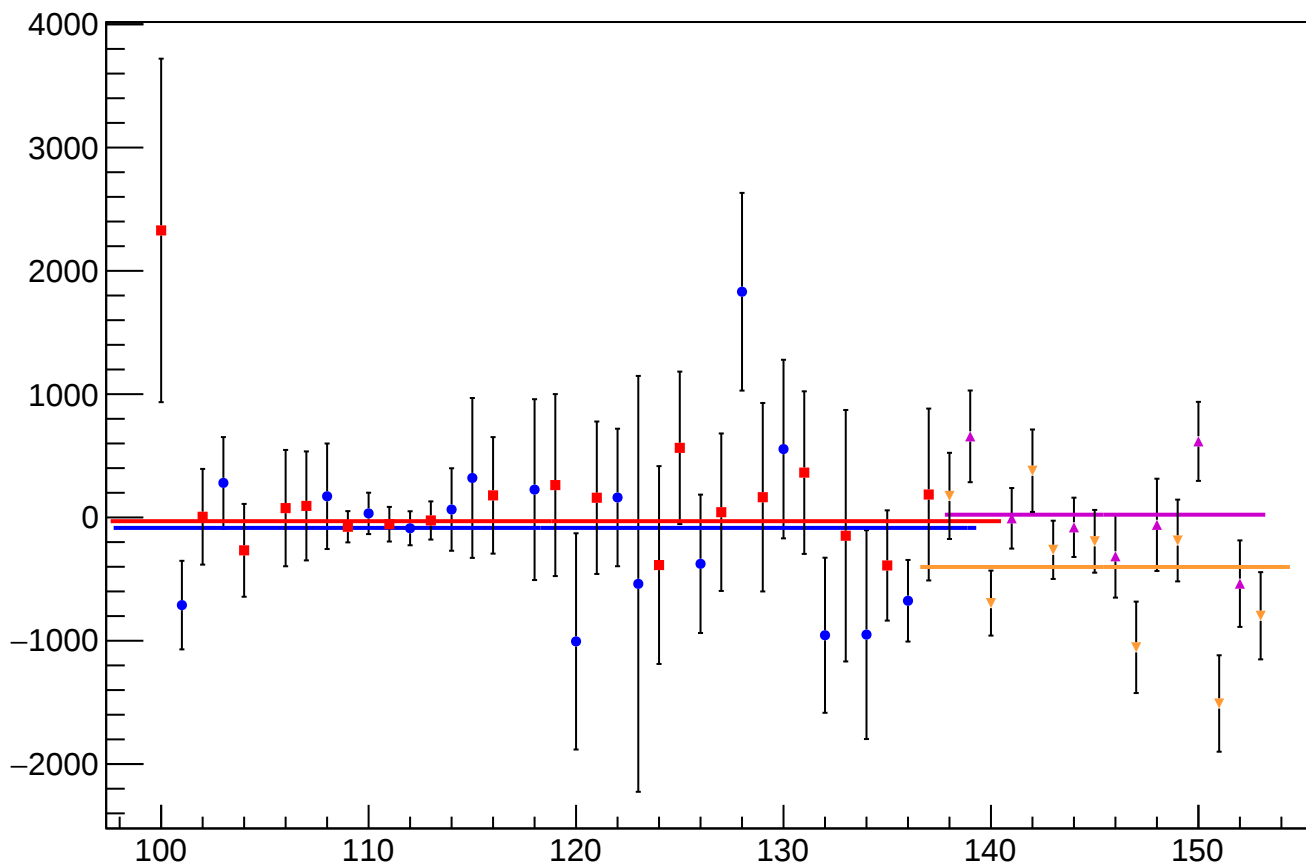
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 65.386 $\pm$ 0.013 χ^2 /NDF: 348846.3/23

Out: 66.049 $\pm$ 0.013 χ^2 /NDF: 466148.7/27

All: 65.728 $\pm$ 0.009 χ^2 /NDF: 816297.7/51

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -401.660 $\pm$ 102.159 χ^2/NDF : 23.2/8

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 22.266 $\pm$ 115.452 χ^2/NDF : 10.2/6

Left: -215.496 $\pm$ 76.508 χ^2/NDF : 40.9/15

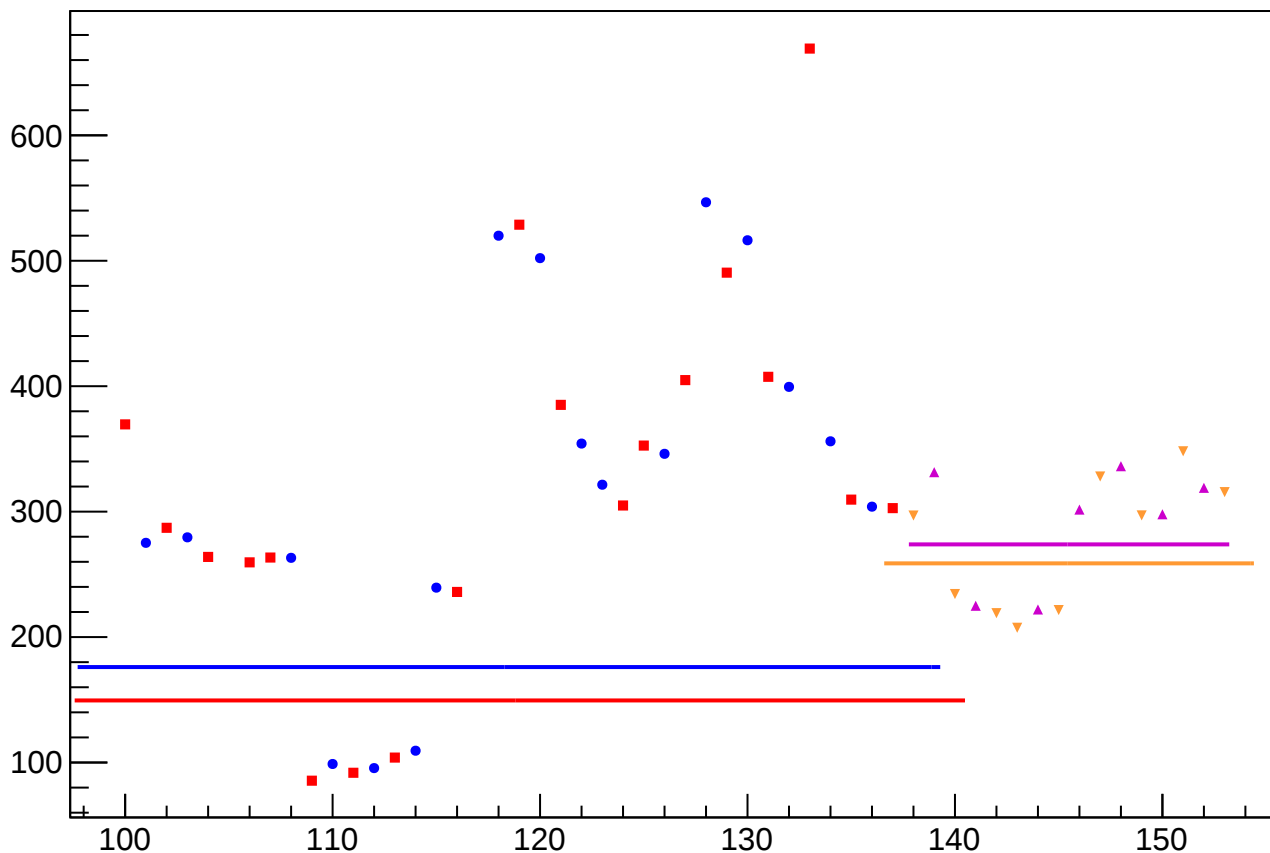
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -48.485 $\pm$ 67.214 χ^2/NDF : 30.6/23

Out: -148.115 $\pm$ 57.555 χ^2/NDF : 38.5/27

All: -105.967 $\pm$ 43.717 χ^2/NDF : 70.4/51

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 258.765+/-0.072 χ^2/NDF : 458878.2/8

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 273.892+/-0.082 χ^2/NDF : 333961.8/6

Left: 265.408+/-0.054 χ^2/NDF : 812096.3/15

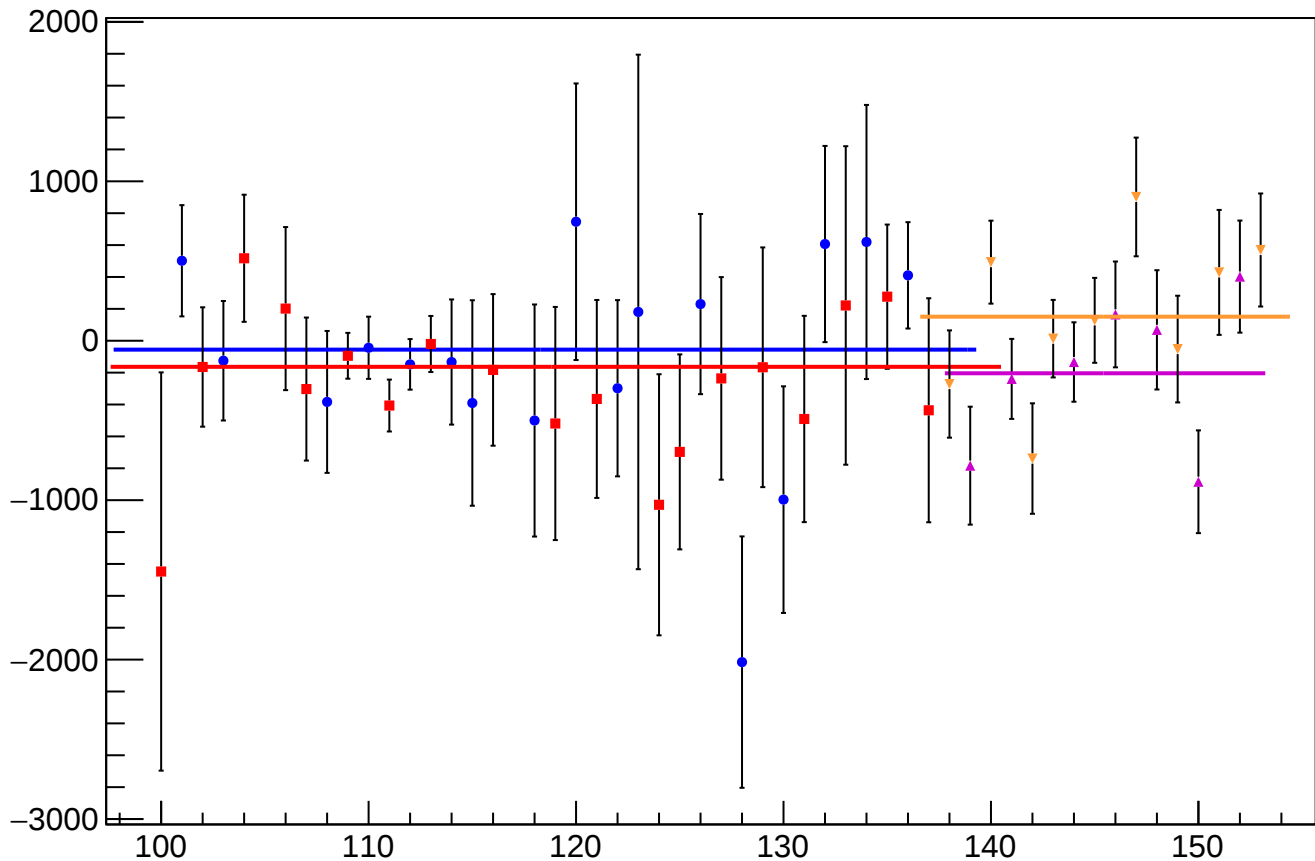
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 209.242+/-0.048 χ^2/NDF : 5506275.9/23

Out: 184.170+/-0.041 χ^2/NDF : 6842031.1/27

All: 194.777+/-0.031 χ^2/NDF : 12508873.0/51

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 150.872 ± 103.382 χ^2/NDF : 16.6/8

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -204.051 ± 116.843 χ^2/NDF : 11.8/6

Left: -4.976 ± 77.426 χ^2/NDF : 33.5/15

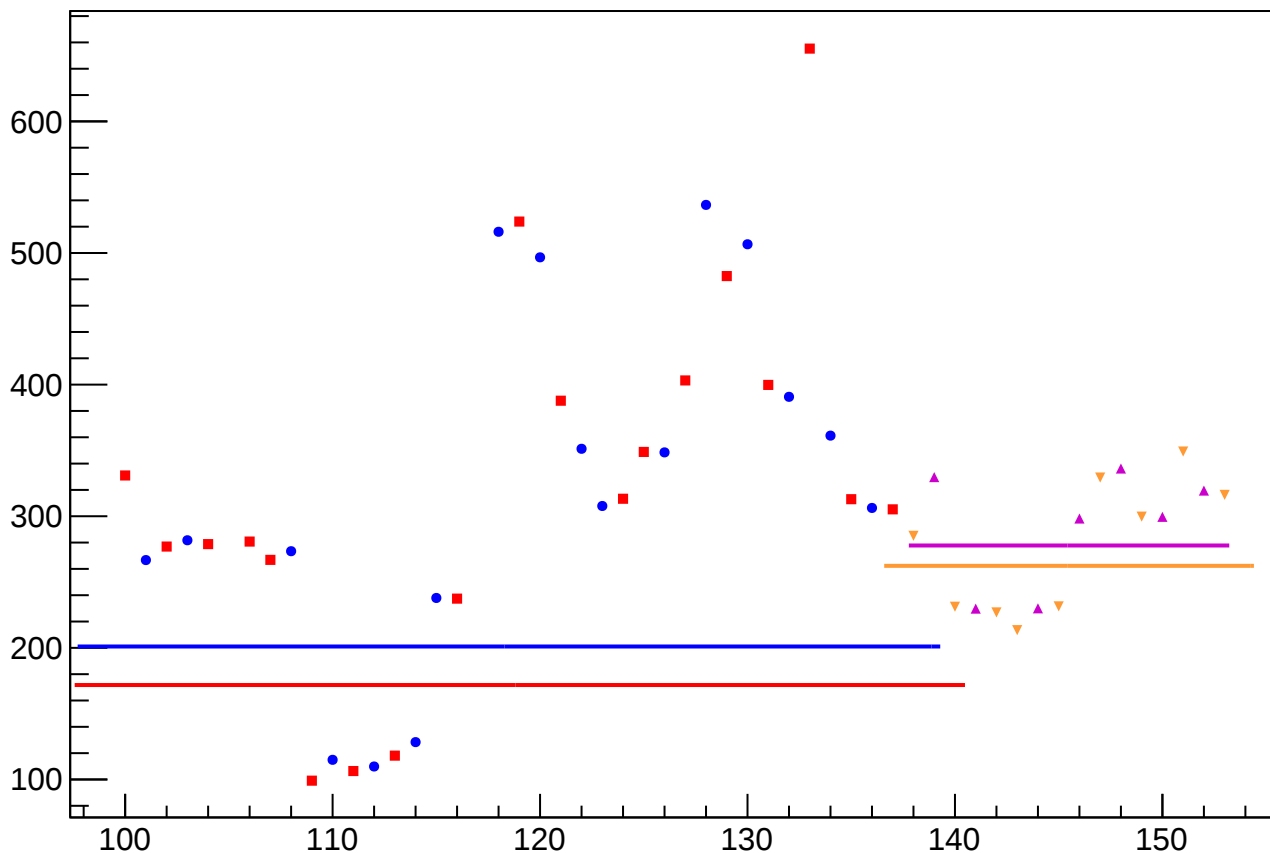
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -111.397 ± 71.584 χ^2/NDF : 29.9/23

Out: -51.510 ± 61.715 χ^2/NDF : 34.0/27

All: -77.044 ± 46.742 χ^2/NDF : 64.3/51

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 262.314+/-0.073 χ^2/NDF : 400444.9/8

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 277.775+/-0.083 χ^2/NDF : 279776.2/6

Left: 269.103+/-0.055 χ^2/NDF : 699863.1/15

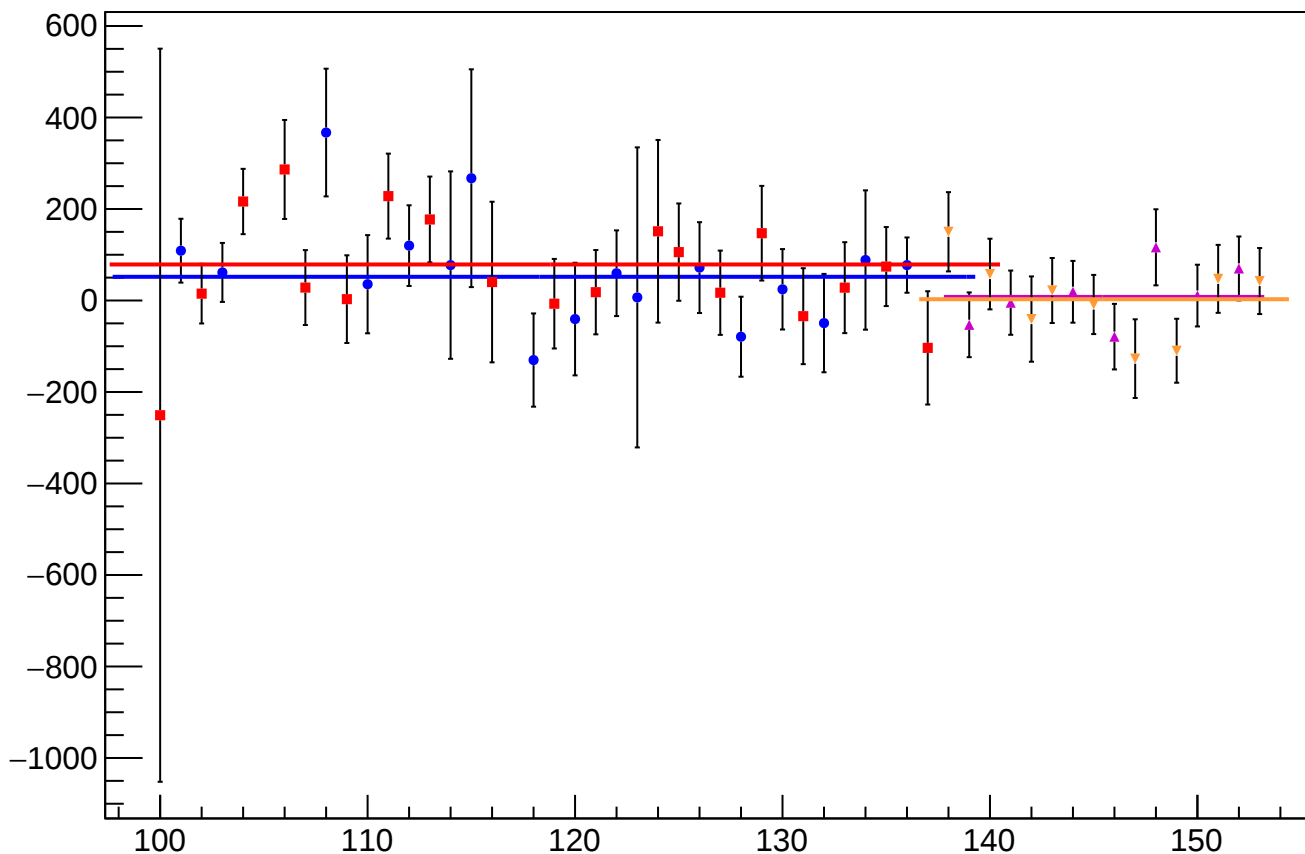
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 229.840+/-0.051 χ^2/NDF : 4251688.1/23

Out: 204.034+/-0.044 χ^2/NDF : 5486184.3/27

All: 215.037+/-0.033 χ^2/NDF : 9886970.0/51

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 2.785 $\pm$ 25.266 χ^2 /NDF:9.3/8

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 7.746 $\pm$ 26.858 χ^2 /NDF:4.8/6

Left: 5.114 $\pm$ 18.403 χ^2 /NDF: 14.1/15

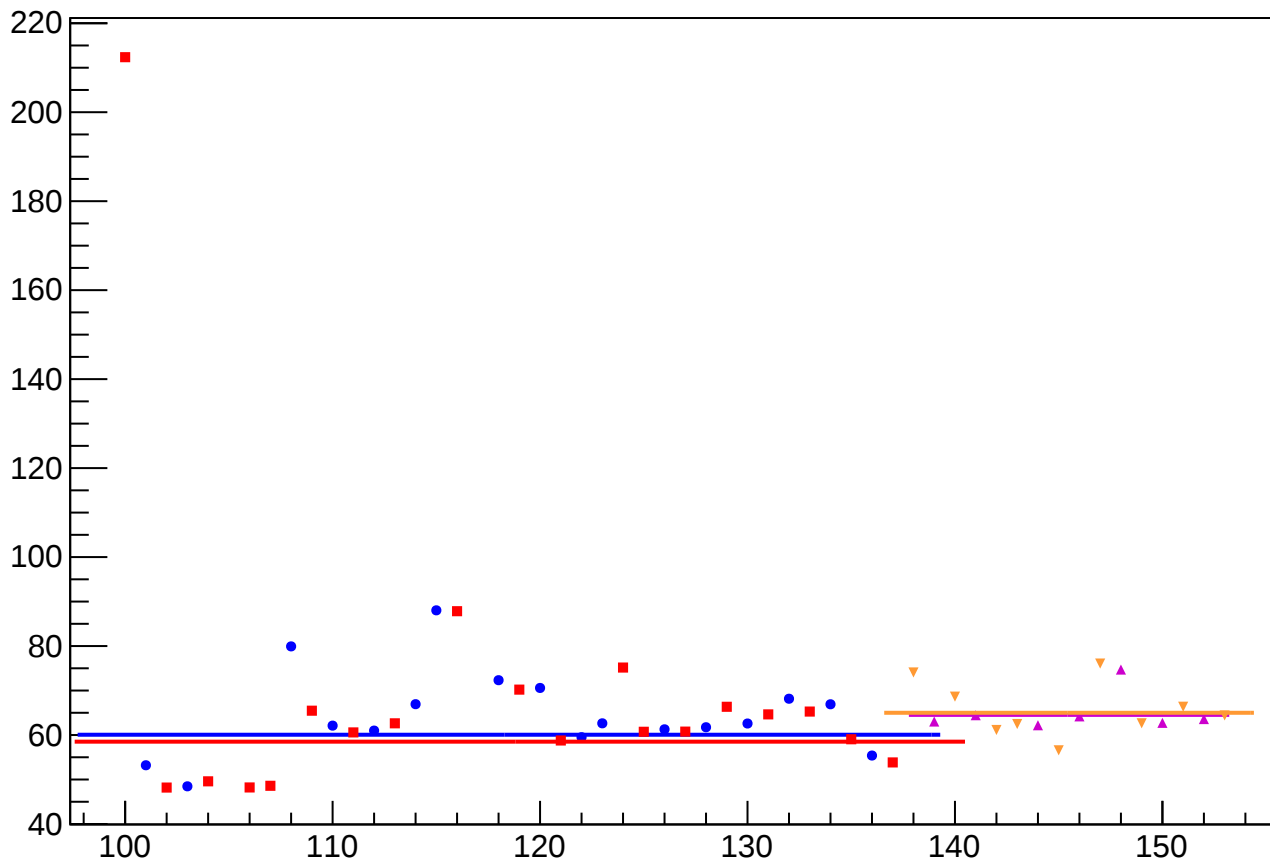
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 32.662 $\pm$ 17.702 χ^2 /NDF:20.8/23

Out: 45.167 $\pm$ 16.799 χ^2 /NDF:33.5/27

All: 39.242 $\pm$ 12.185 χ^2 /NDF: 54.5/51

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.001 $\pm$ 0.018 χ^2/NDF : 102532.1/8

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 64.527 $\pm$ 0.019 χ^2/NDF : 35119.2/6

Left: 64.779 $\pm$ 0.013 χ^2/NDF : 137982.1/15

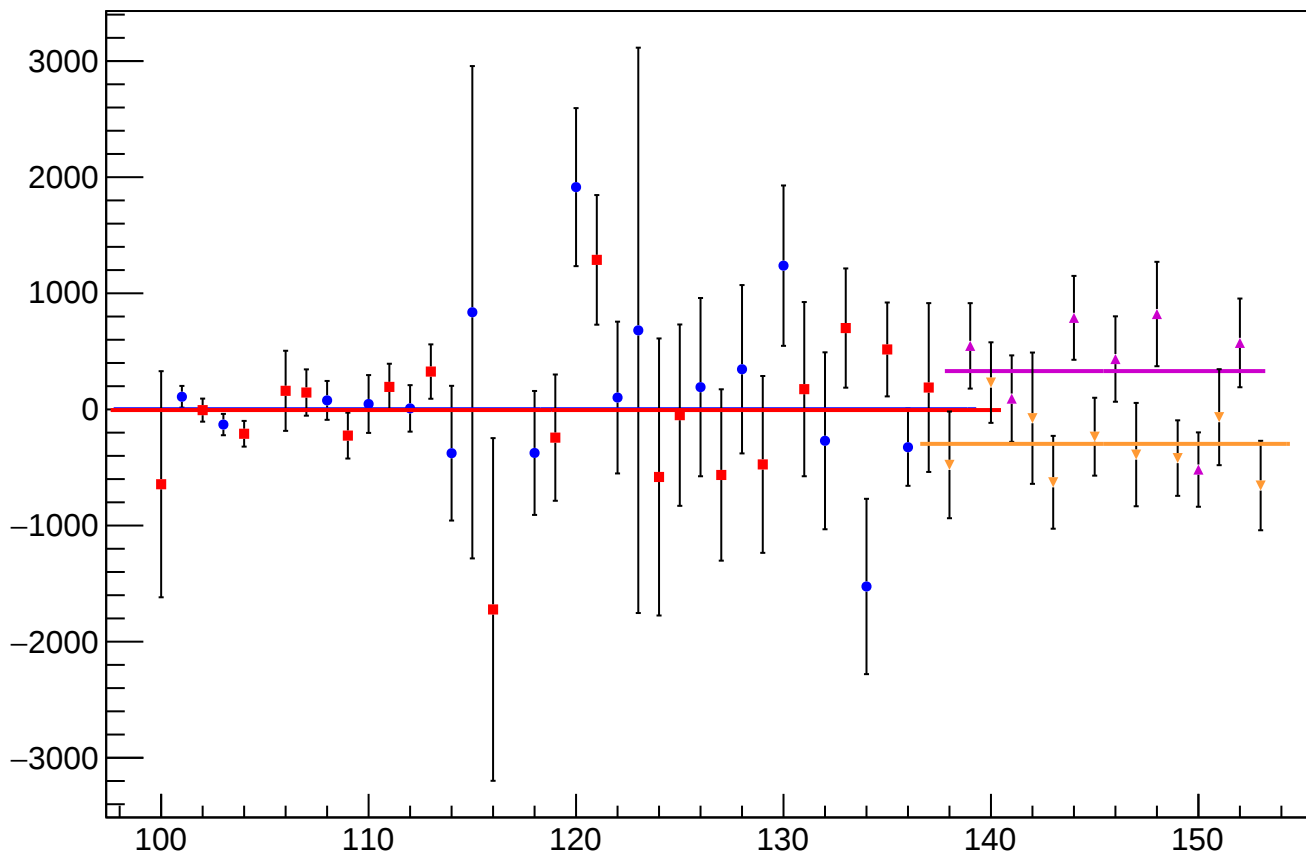
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 62.003 $\pm$ 0.013 χ^2/NDF : 295432.7/23

Out: 61.379 $\pm$ 0.012 χ^2/NDF : 525045.5/27

All: 61.675 $\pm$ 0.009 χ^2/NDF : 821789.3/51

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -296.605 ± 130.841 $\chi^2/\text{NDF}: 4.7/8$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 330.166 ± 139.737 $\chi^2/\text{NDF}: 11.1/6$

Left: -3.805 ± 95.509 $\chi^2/\text{NDF}: 26.5/15$

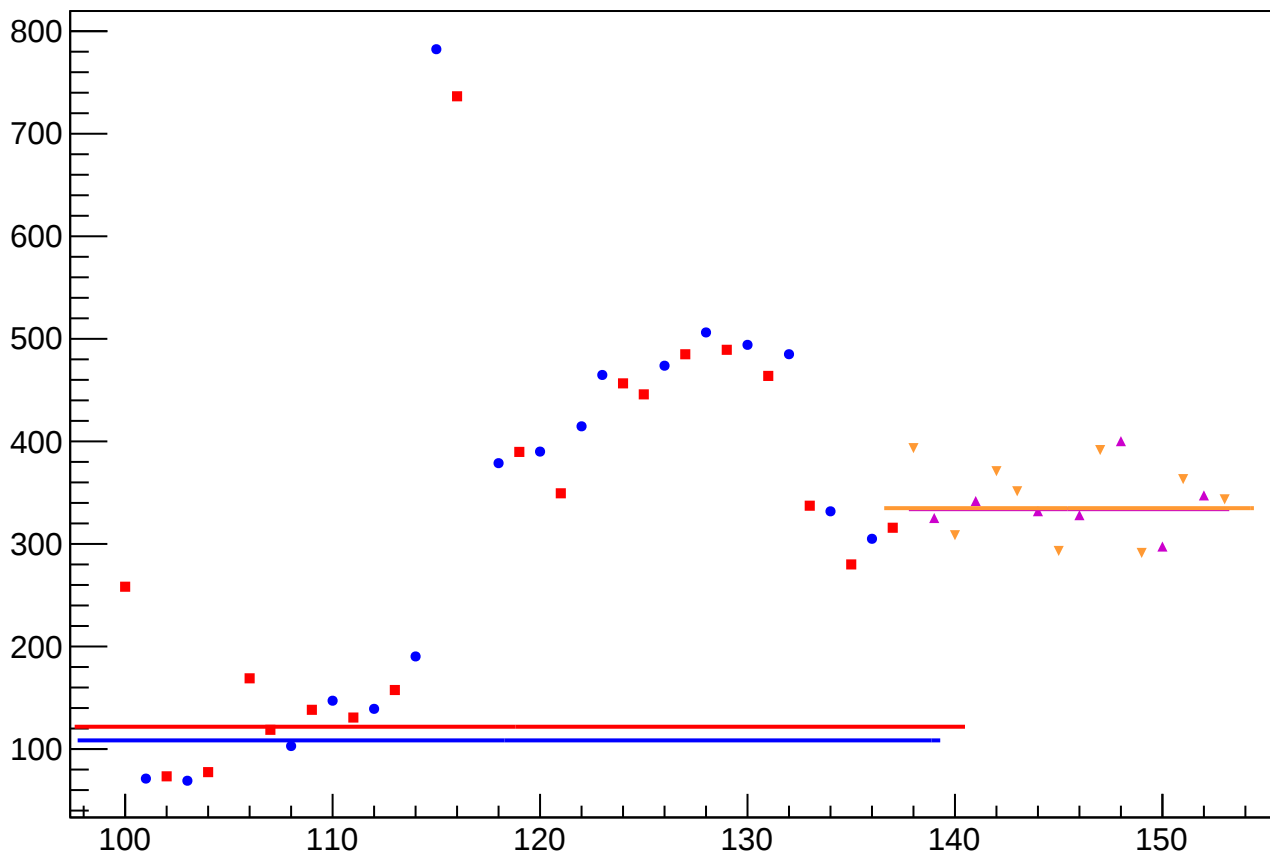
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 44.666 ± 50.600 $\chi^2/\text{NDF}: 37.2/23$

Out: -51.190 ± 51.883 $\chi^2/\text{NDF}: 29.5/27$

All: -2.063 ± 36.225 $\chi^2/\text{NDF}: 68.5/51$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 334.893 $\pm$ 0.093 χ^2 /NDF: 165323.4/8

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 333.912 $\pm$ 0.099 χ^2 /NDF: 74474.1/6

Left: 334.435 $\pm$ 0.068 χ^2 /NDF: 239850.0/15

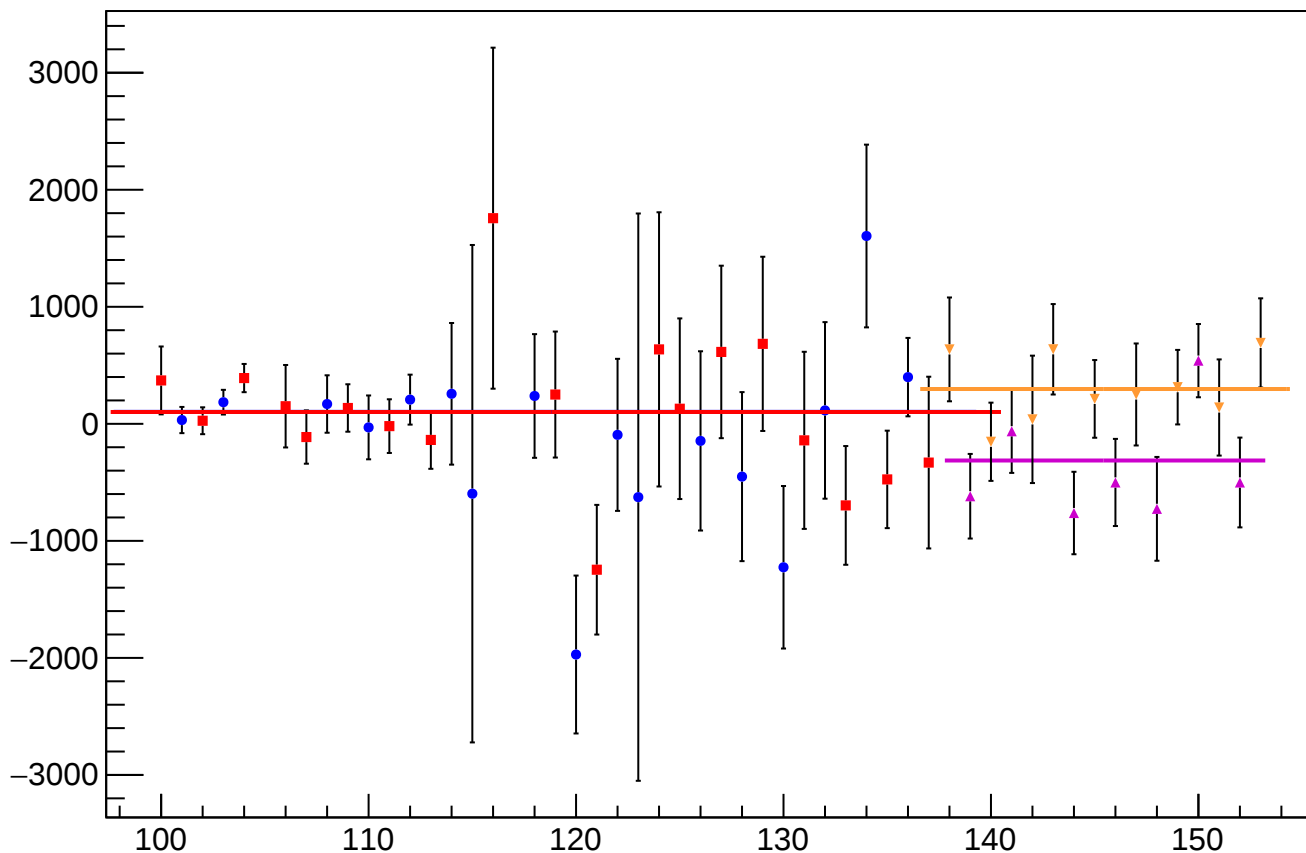
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 138.009 $\pm$ 0.036 χ^2 /NDF: 10002676.0/23

Out: 155.277 $\pm$ 0.037 χ^2 /NDF: 9408646.0/27

All: 146.427 $\pm$ 0.026 χ^2 /NDF: 19524868.4/51

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 297.595 $\pm$ 127.905 χ^2 /NDF:4.7/8

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -313.306 $\pm$ 137.477 χ^2 /NDF:11.6/6

Left: 14.149 $\pm$ 93.644 χ^2 /NDF: 26.9/15

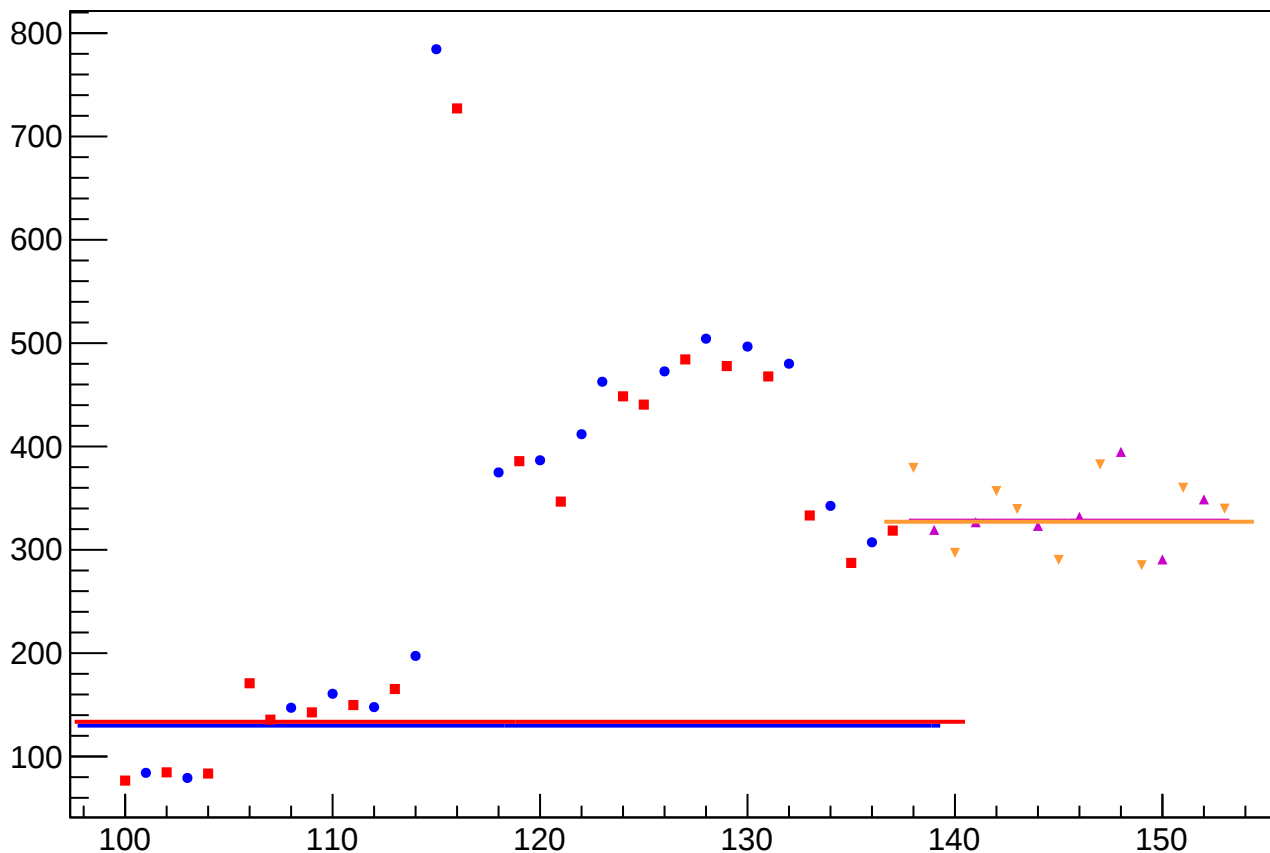
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.863 $\pm$ 57.368 χ^2 /NDF:39.4/23

Out: 137.482 $\pm$ 54.945 χ^2 /NDF:29.3/27

All: 85.993 $\pm$ 39.681 χ^2 /NDF: 70.5/51

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.189+/-0.090 χ^2/NDF :158936.0/8

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Left: 327.686+/-0.066 χ^2/NDF : 240420.7/15

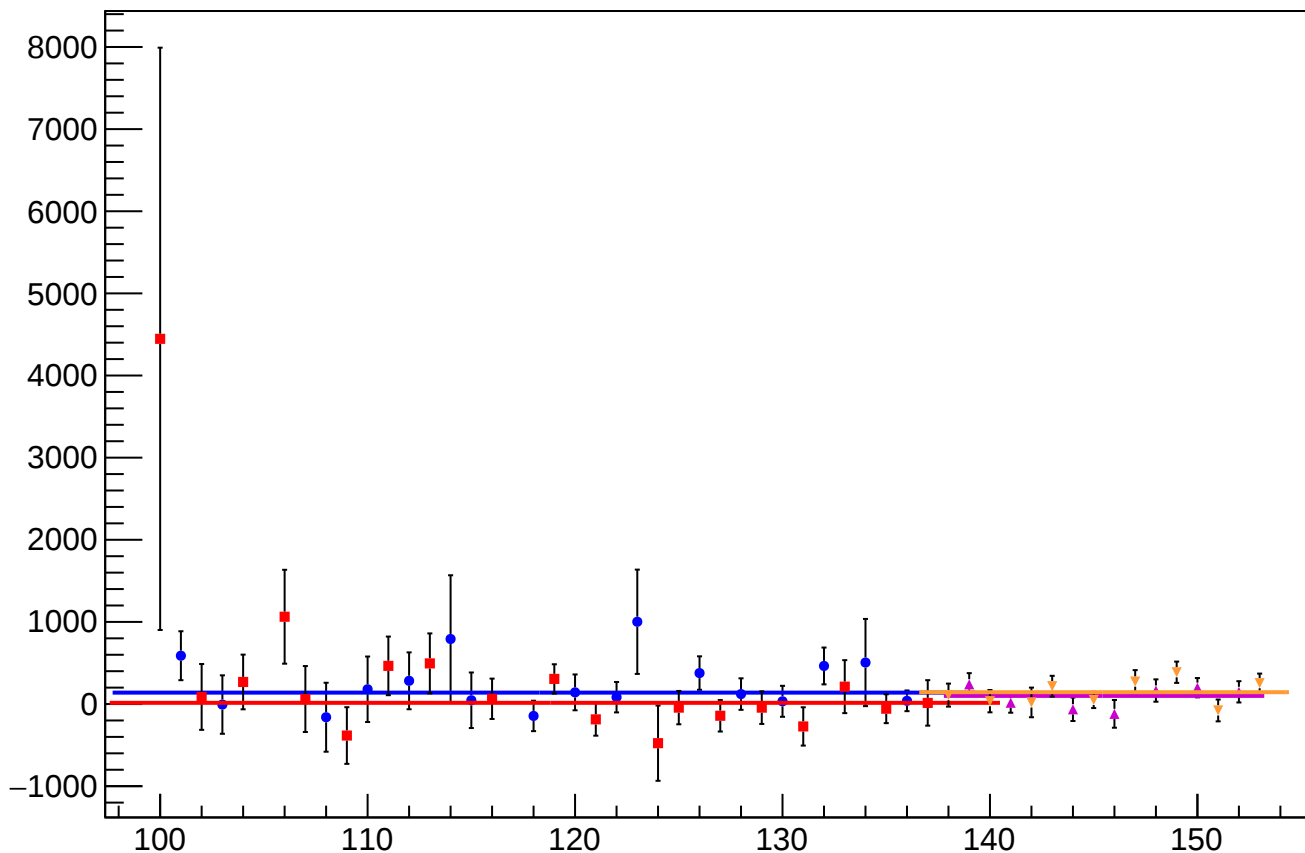
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 164.428+/-0.041 χ^2/NDF :8350152.6/23

Out: 169.328+/-0.039 χ^2/NDF :8258252.9/27

All: 166.984+/-0.028 χ^2/NDF : 16616015.8/51

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 144.396 $\pm$ 42.976 χ^2 /NDF:10.5/8

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 99.282 $\pm$ 50.506 χ^2 /NDF:5.6/6

Left: 125.449 $\pm$ 32.730 χ^2 /NDF: 16.6/15

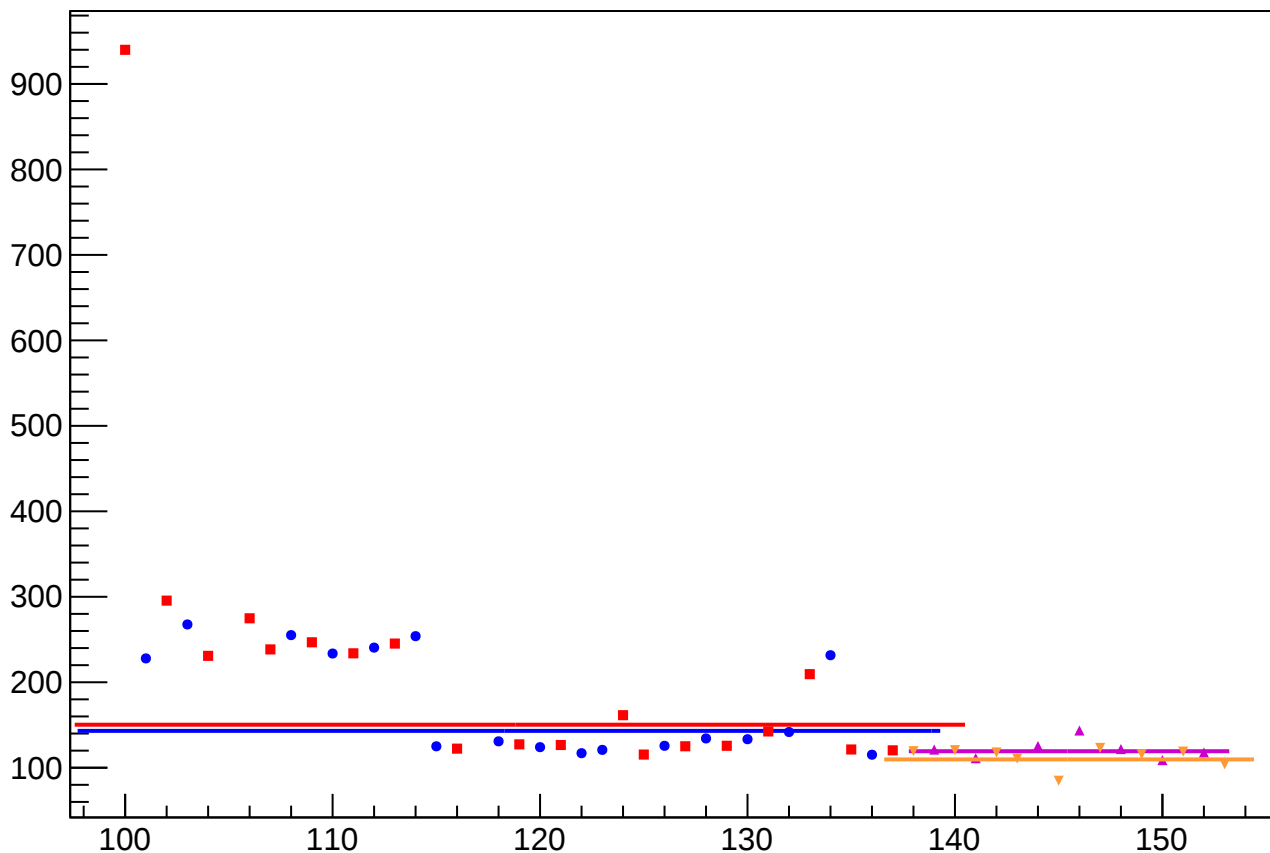
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 116.457 $\pm$ 38.084 χ^2 /NDF:19.0/23

Out: 100.605 $\pm$ 34.962 χ^2 /NDF:31.5/27

All: 107.855 $\pm$ 25.755 χ^2 /NDF: 50.6/51

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 109.713 $\pm$ 0.030 χ^2 /NDF:190831.4/8

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 119.321 $\pm$ 0.036 χ^2 /NDF:70896.1/6

Left: 113.748 $\pm$ 0.023 χ^2 /NDF: 303711.3/15

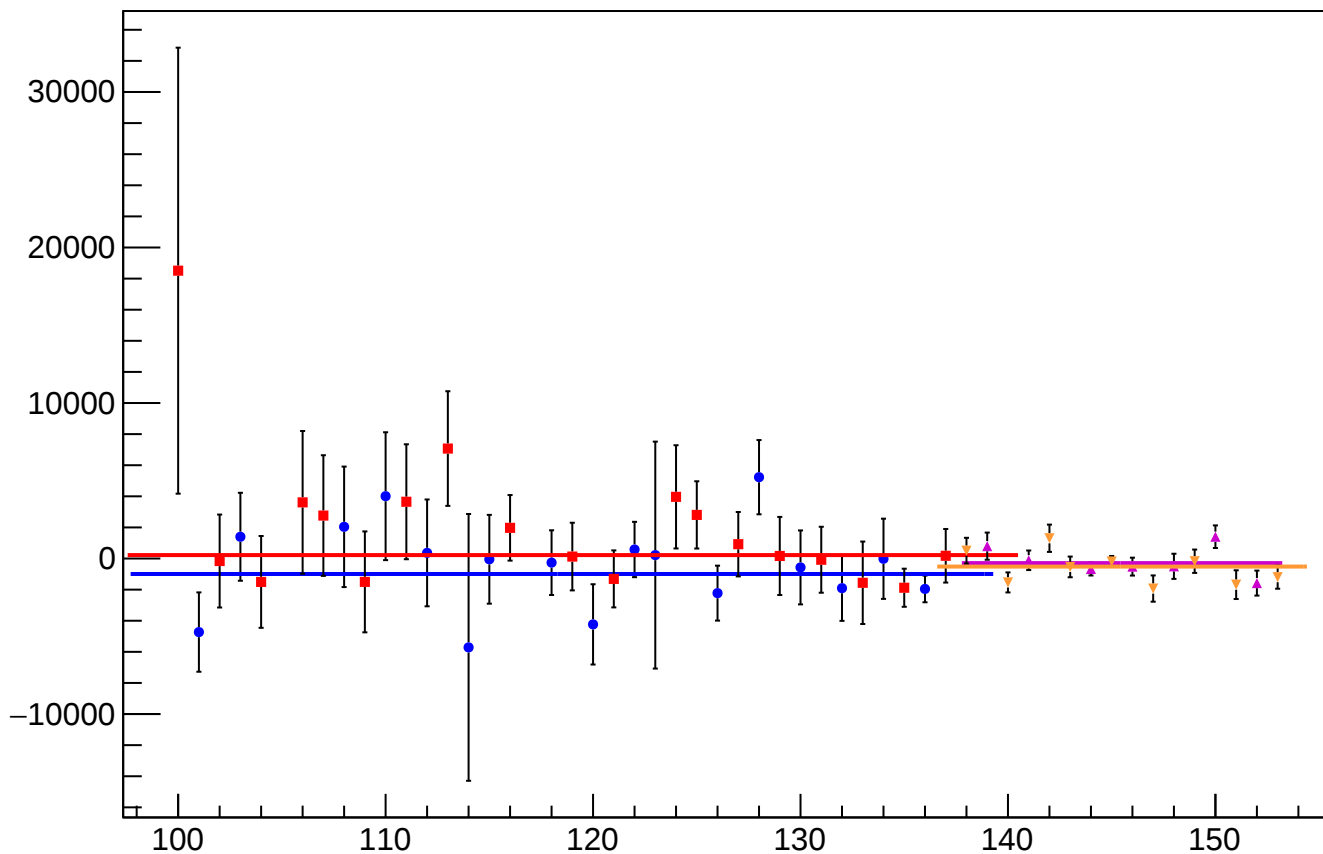
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 129.597 $\pm$ 0.027 χ^2 /NDF:1364061.9/23

Out: 123.452 $\pm$ 0.025 χ^2 /NDF:2227223.9/27

All: 126.262 $\pm$ 0.018 χ^2 /NDF: 3619545.4/51

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -517.172+/-215.269 χ^2/NDF :14.6/8

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -294.679+/-239.139 χ^2/NDF :10.7/6

Left: -417.581+/-159.994 χ^2/NDF : 25.8/15

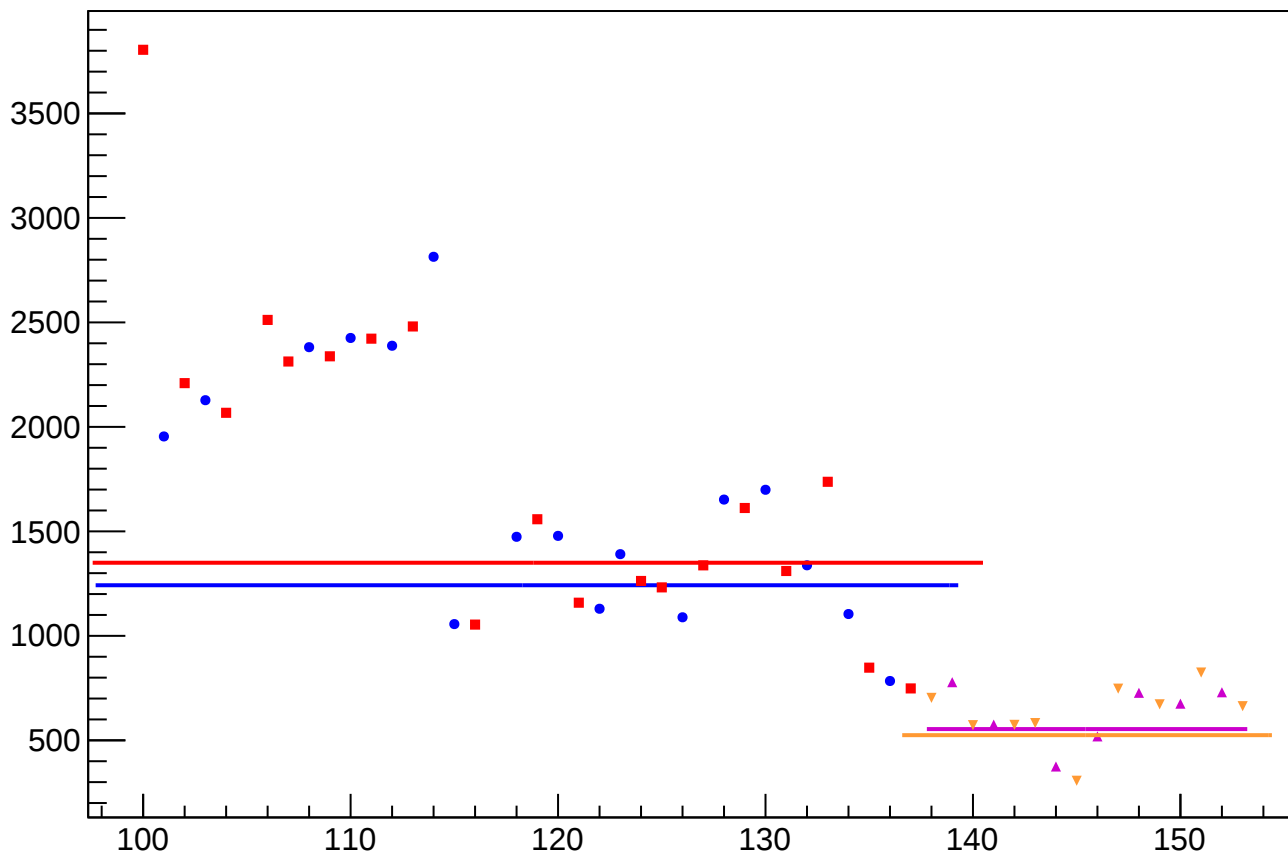
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -418.104+/-217.005 χ^2/NDF :29.1/23

Out: -417.002+/-200.138 χ^2/NDF :31.4/27

All: -417.509+/-147.121 χ^2/NDF : 60.5/51

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 524.736+/-0.152 χ^2/NDF : 1382854.1/8

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 553.887+/-0.169 χ^2/NDF : 748605.5/6

Left: 537.785+/-0.113 χ^2/NDF : 2147876.7/15

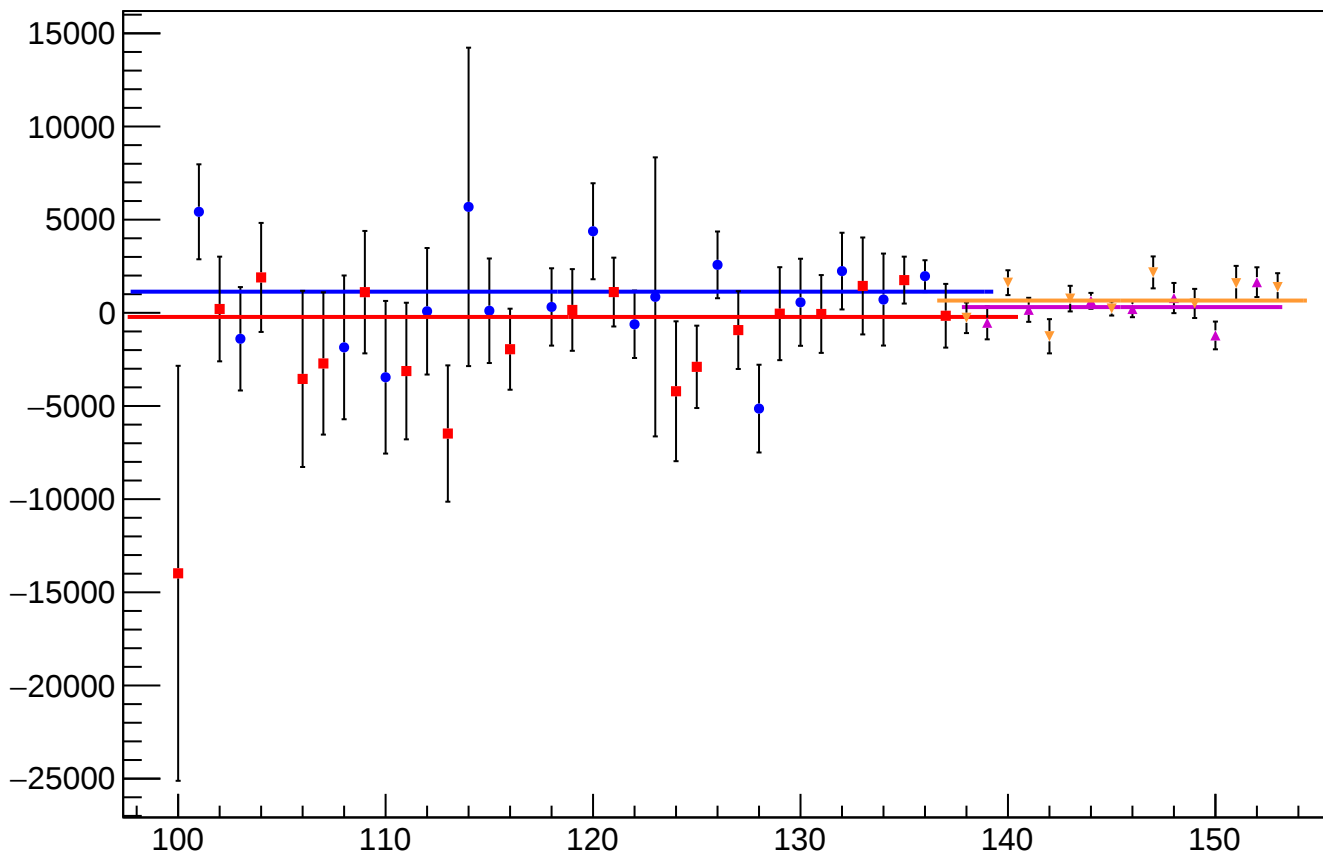
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 675.403+/-0.153 χ^2/NDF : 5441029.5/23

Out: 636.653+/-0.142 χ^2/NDF : 7236256.7/27

All: 654.463+/-0.104 χ^2/NDF : 12711746.0/51

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 658.621+/-224.232 χ^2/NDF : 14.1/8

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 307.789+/-228.075 χ^2/NDF : 9.0/6

Left: 486.185+/-159.897 χ^2/NDF : 24.2/15

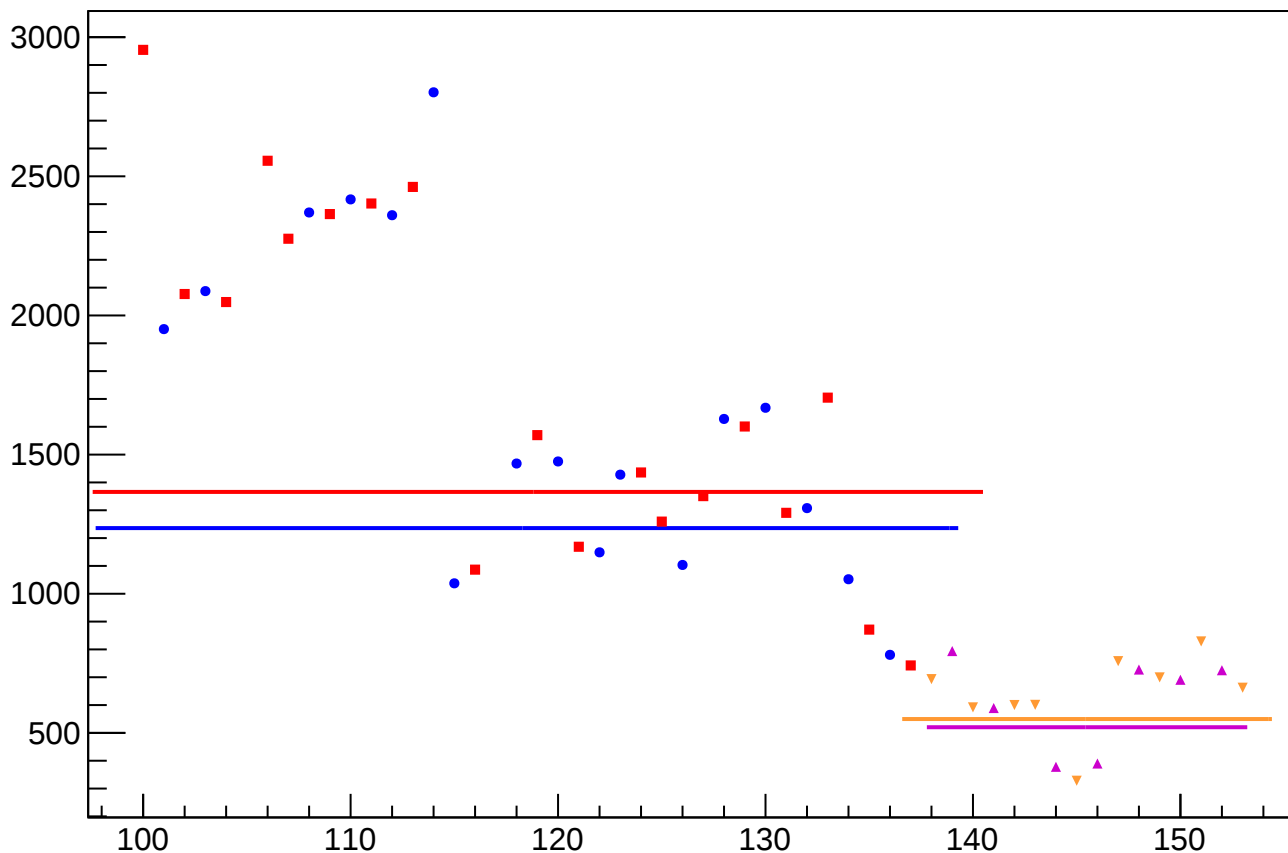
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 444.005+/-208.457 χ^2/NDF : 28.9/23

Out: 532.303+/-207.505 χ^2/NDF : 29.8/27

All: 488.357+/-147.064 χ^2/NDF : 58.8/51

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 549.807+/-0.159 χ^2/NDF : 1180391.3/8

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 520.354+/-0.161 χ^2/NDF : 977179.3/6

Left: 535.330+/-0.113 χ^2/NDF : 2174530.3/15

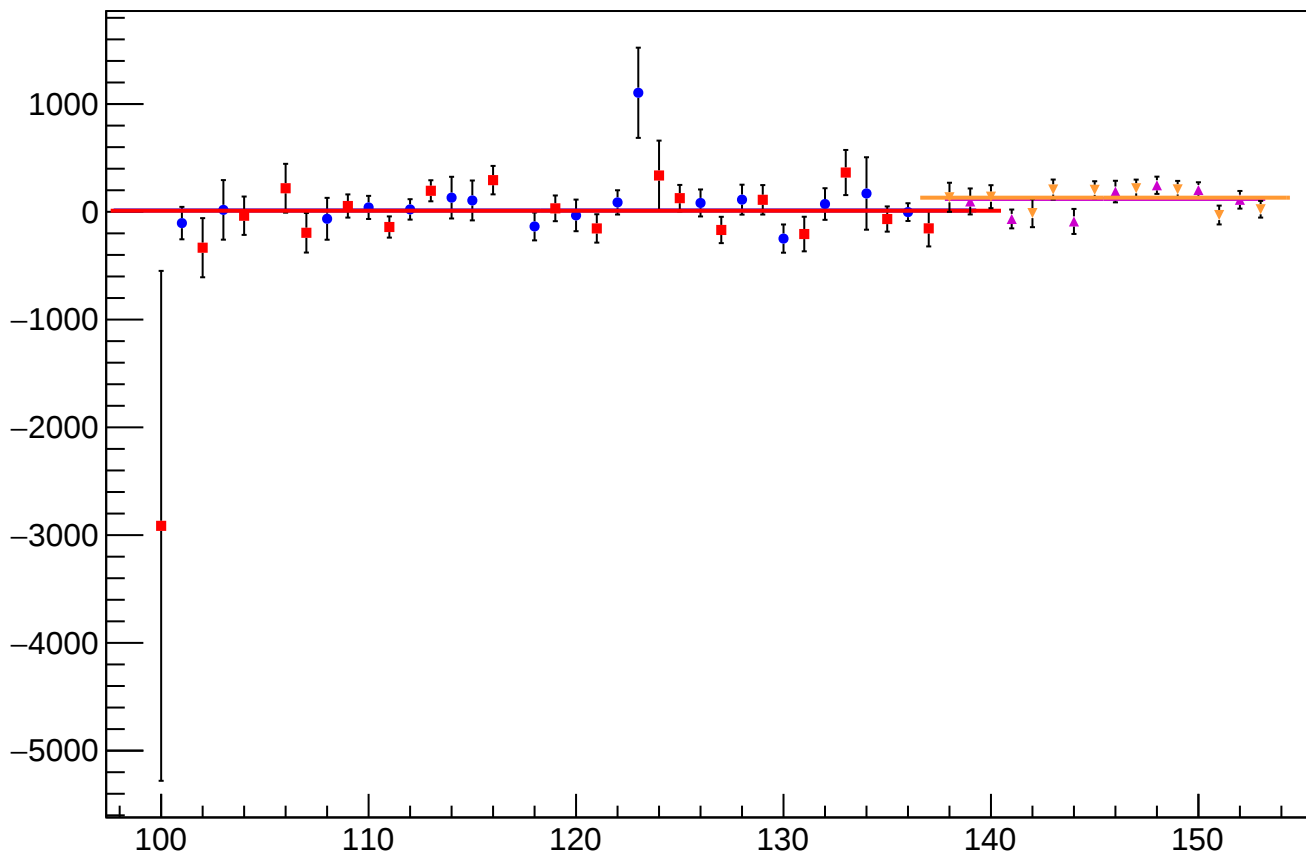
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 638.157+/-0.147 χ^2/NDF : 5964019.7/23

Out: 667.027+/-0.147 χ^2/NDF : 6735855.6/27

All: 652.658+/-0.104 χ^2/NDF : 12719143.9/53

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 131.179+/-30.294 χ^2/NDF :10.2/8

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 119.467+/-33.864 χ^2/NDF :12.1/6

Left: 125.973+/-22.578 χ^2/NDF : 22.3/15

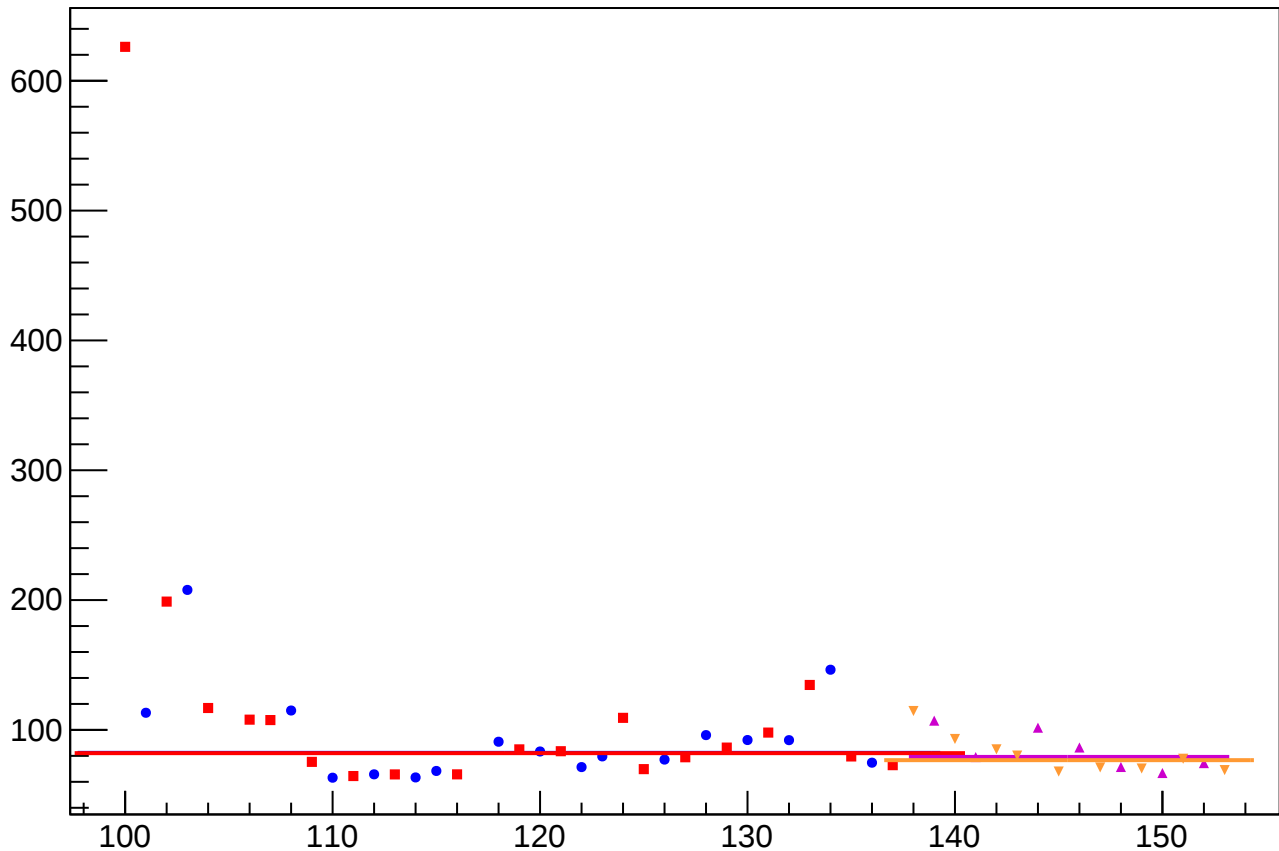
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 64.872+/-23.717 χ^2/NDF :32.6/23

Out: 75.048+/-22.192 χ^2/NDF :45.8/27

All: 70.298+/-16.205 χ^2/NDF : 78.5/51

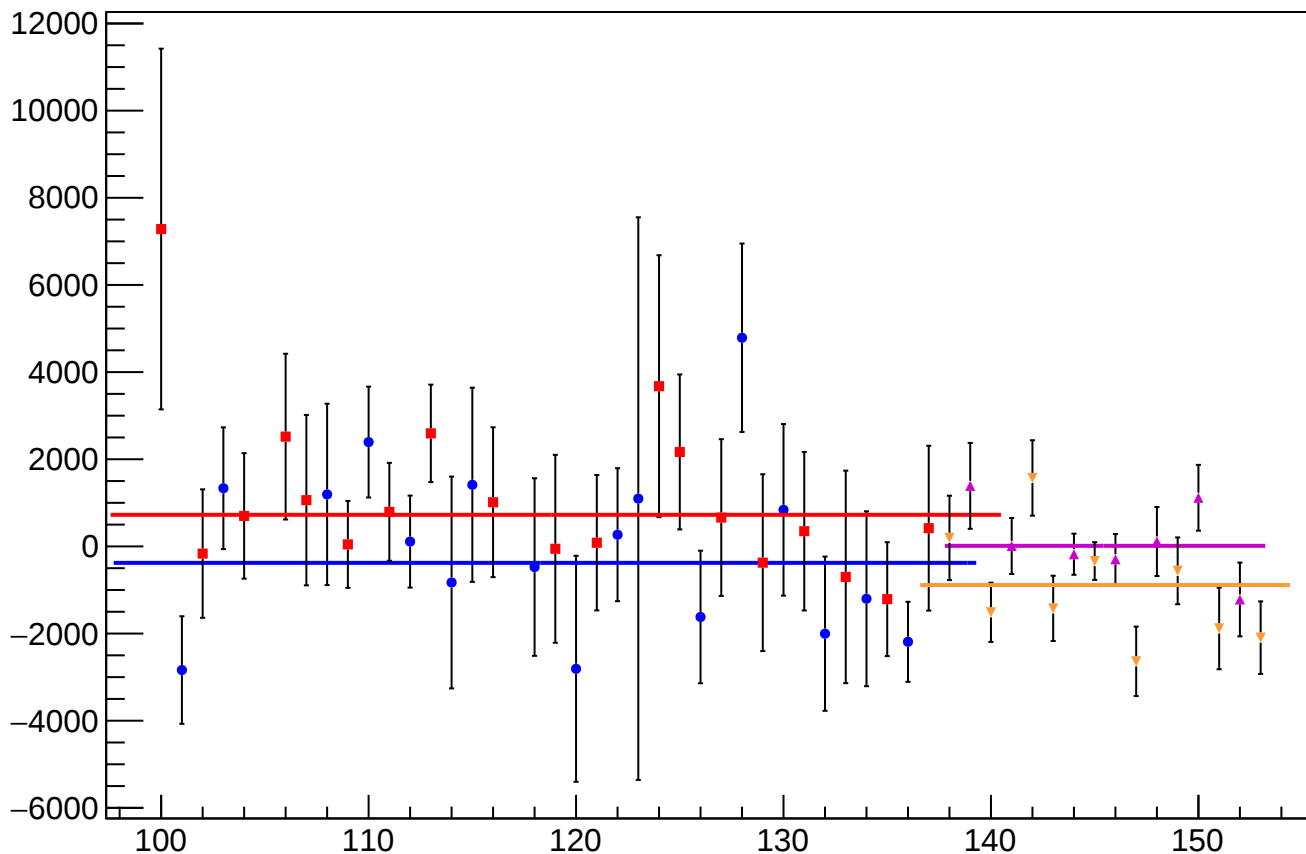
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2/NDF : 868742.4/16
 Left Out: 76.689 $\pm$ 0.021 χ^2/NDF : 282391.6/8
 Right Out: 82.091 $\pm$ 0.023 χ^2/NDF : 959008.5/18
 Left In: 79.180 $\pm$ 0.024 χ^2/NDF : 278041.8/6

Left: 77.796 $\pm$ 0.016 χ^2/NDF : 566442.0/15
 Right: 82.196 $\pm$ 0.016 χ^2/NDF : 1827793.7/35
 In: 80.772 $\pm$ 0.017 χ^2/NDF : 1155468.3/23
 Out: 79.192 $\pm$ 0.016 χ^2/NDF : 1270861.3/27
 All: 79.930 $\pm$ 0.011 χ^2/NDF : 2431064.7/51

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -887.031 ± 238.718 $\chi^2/\text{NDF}: 20.5/8$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: 12.852 ± 252.507 $\chi^2/\text{NDF}: 6.7/6$

Left: -462.329 ± 173.469 $\chi^2/\text{NDF}: 33.9/15$

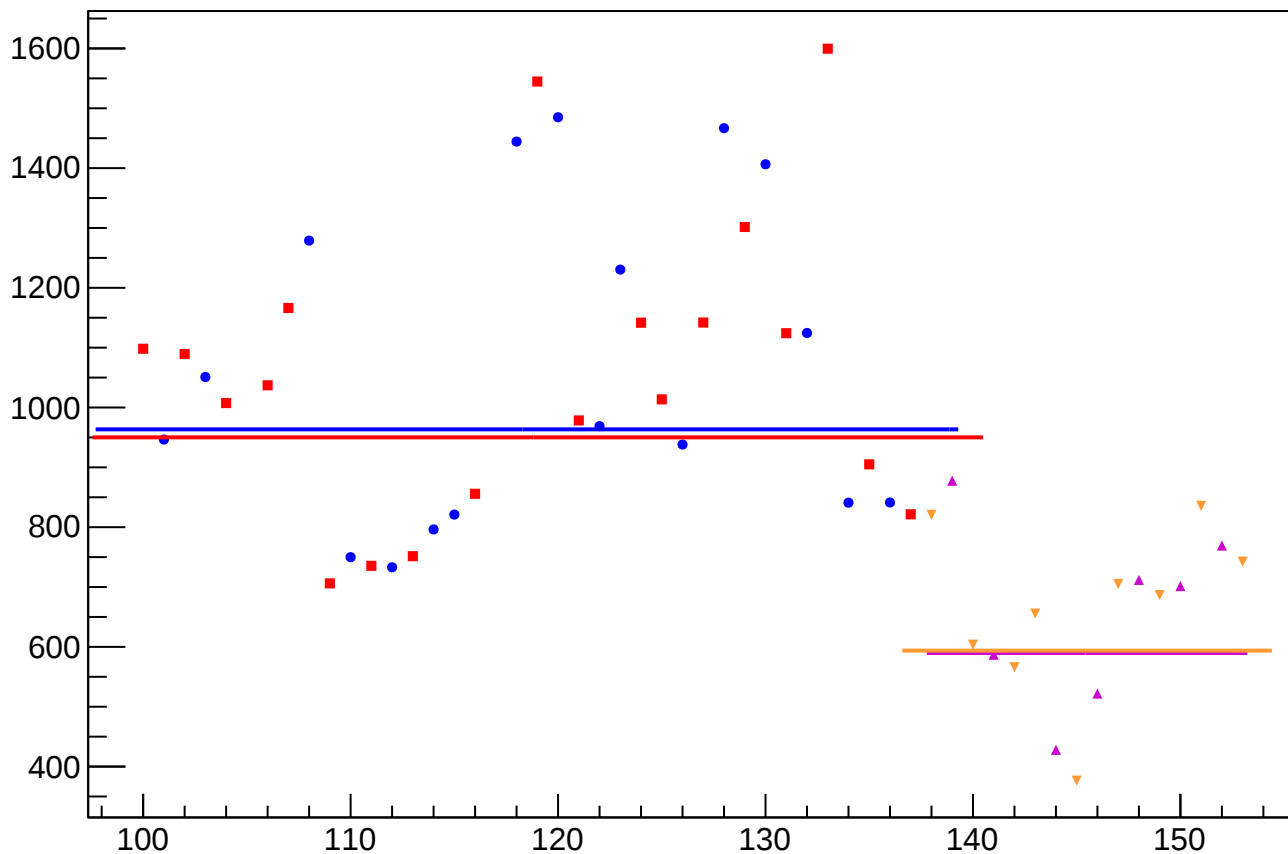
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -104.977 ± 210.963 $\chi^2/\text{NDF}: 31.8/23$

Out: -408.015 ± 200.137 $\chi^2/\text{NDF}: 46.0/27$

All: -264.470 ± 145.195 $\chi^2/\text{NDF}: 78.9/51$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 593.746+/-0.169 χ^2/NDF : 895470.2/8

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 589.851+/-0.179 χ^2/NDF : 614735.8/6

Left: 591.907+/-0.123 χ^2/NDF : 1510457.3/15

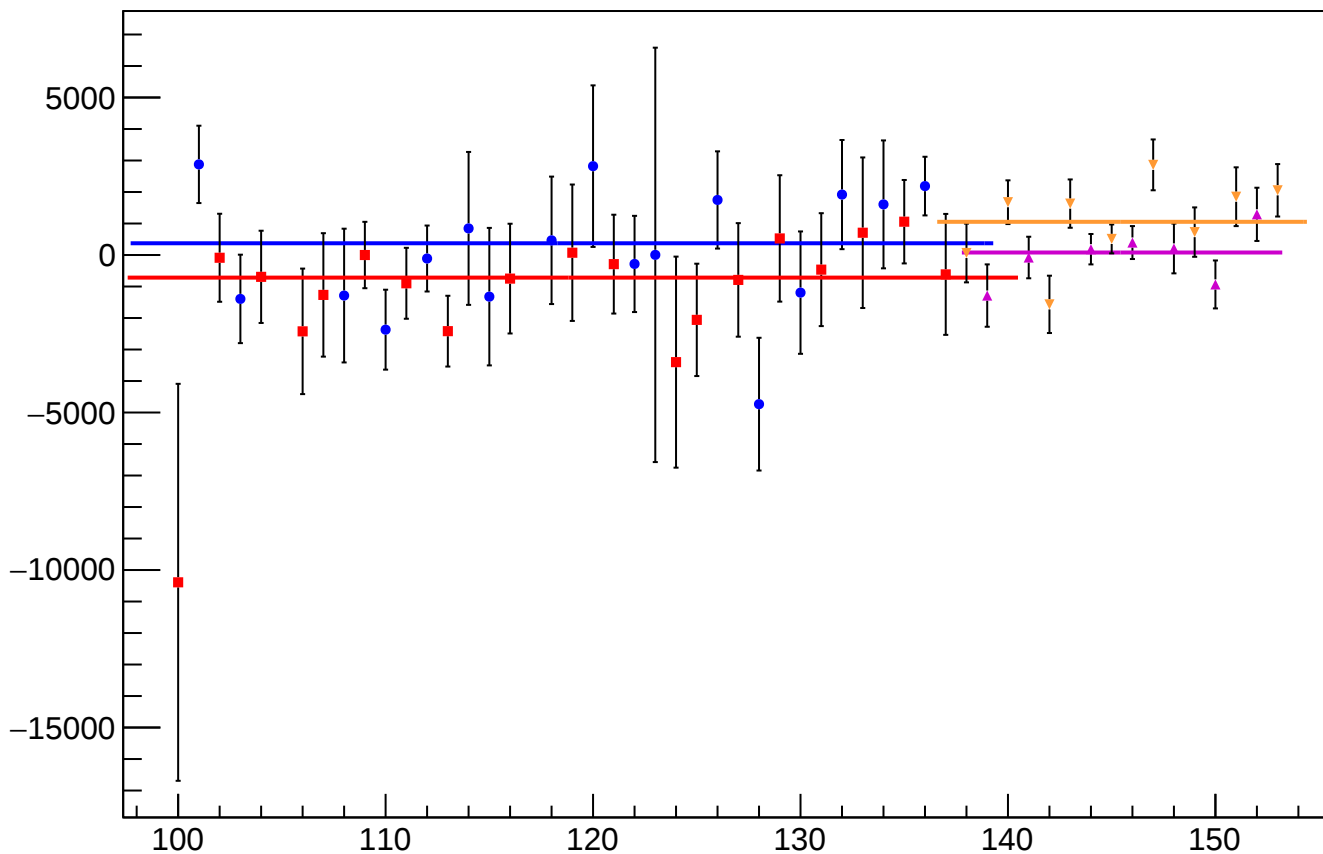
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 702.677+/-0.149 χ^2/NDF : 2625888.2/23

Out: 699.629+/-0.142 χ^2/NDF : 2951763.6/27

All: 701.073+/-0.103 χ^2/NDF : 5577871.5/51

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1053.921+/-245.175 χ^2/NDF : 19.6/8

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 79.395+/-250.025 χ^2/NDF : 6.2/6

Left: 576.202+/-175.055 χ^2/NDF : 33.5/15

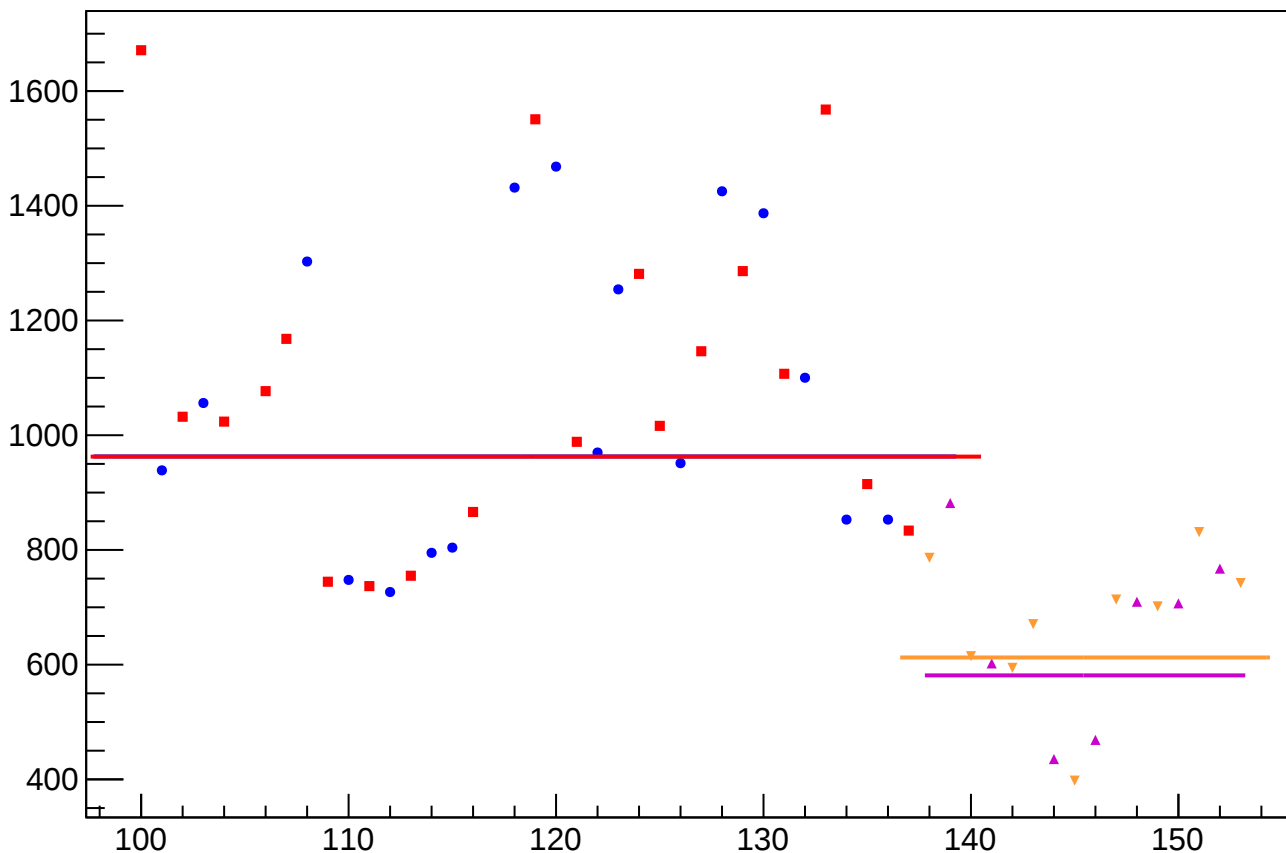
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 166.886+/-209.471 χ^2/NDF : 31.9/23

Out: 517.039+/-204.674 χ^2/NDF : 45.5/27

All: 346.018+/-146.393 χ^2/NDF : 78.8/51

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 ± 0.271 $\chi^2/\text{NDF}: 667521.9/16$

Left Out: 612.518 ± 0.173 $\chi^2/\text{NDF}: 734973.4/8$

Right Out: 962.693 ± 0.263 $\chi^2/\text{NDF}: 696385.7/18$

Left In: 581.307 ± 0.177 $\chi^2/\text{NDF}: 665612.4/6$

Left: 597.218 ± 0.124 $\chi^2/\text{NDF}: 1416474.0/15$

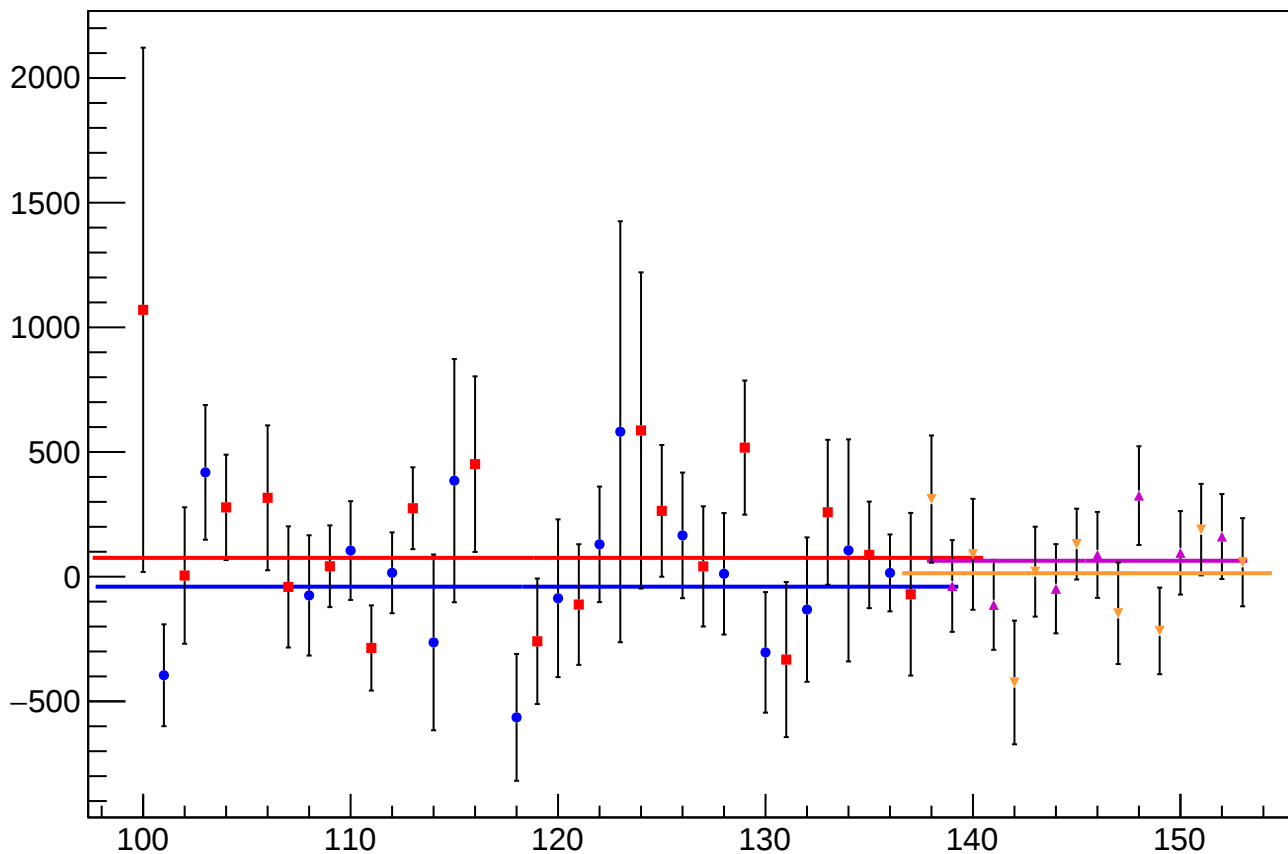
Right: 962.827 ± 0.189 $\chi^2/\text{NDF}: 1363908.2/35$

In: 695.078 ± 0.148 $\chi^2/\text{NDF}: 2722369.5/23$

Out: 718.654 ± 0.145 $\chi^2/\text{NDF}: 2667953.5/27$

All: 707.139 ± 0.104 $\chi^2/\text{NDF}: 5403284.6/51$

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 13.946 ± 63.105 χ^2/NDF : 8.6/8

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 63.871 ± 67.293 χ^2/NDF : 3.8/6

Left: 37.307 ± 46.031 χ^2/NDF : 12.7/15

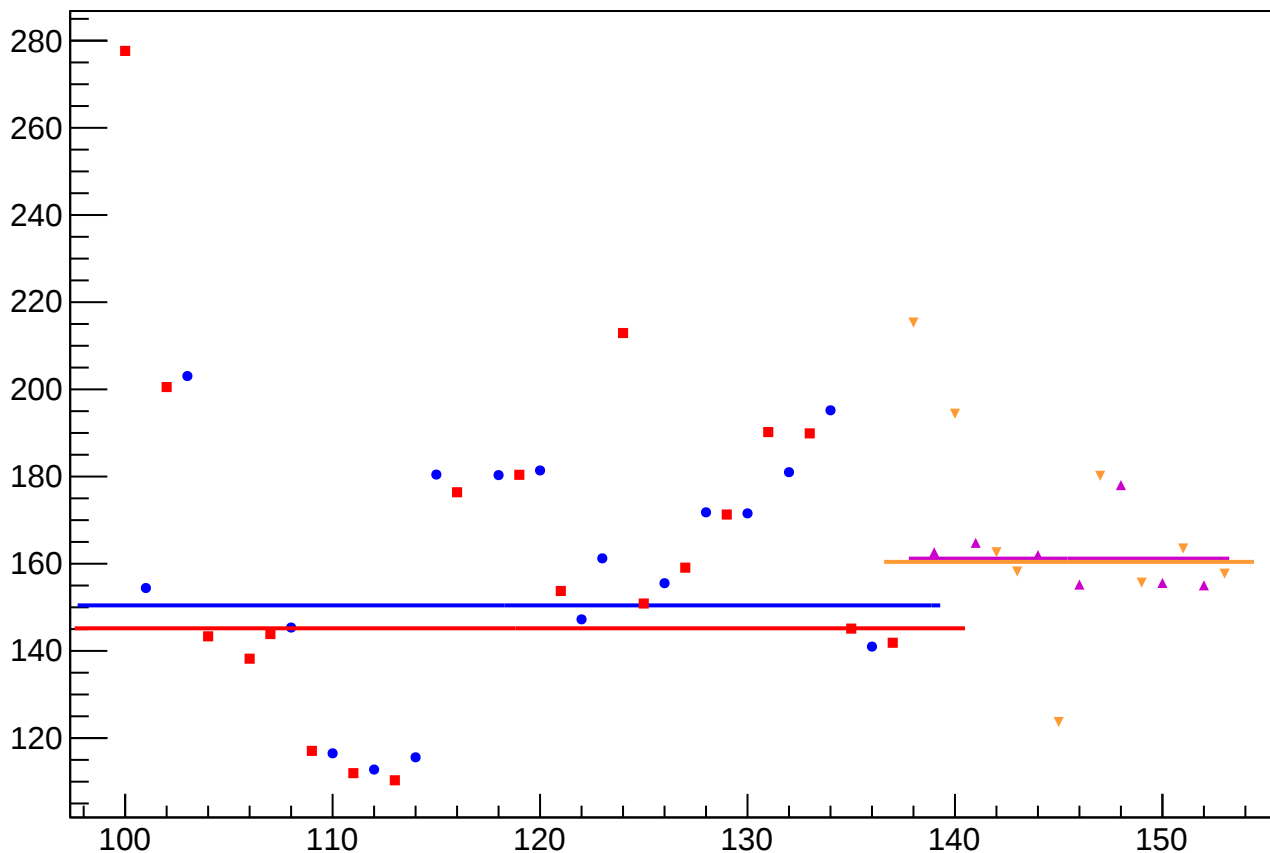
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 5.297 ± 44.472 χ^2/NDF : 20.4/23

Out: 48.234 ± 41.983 χ^2/NDF : 27.7/27

All: 28.000 ± 30.528 χ^2/NDF : 48.6/51

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.424 $\pm$ 0.045 χ^2 /NDF: 294913.6/8

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.166 $\pm$ 0.048 χ^2 /NDF: 22684.6/6

Left: 160.771 $\pm$ 0.033 χ^2 /NDF: 317727.7/15

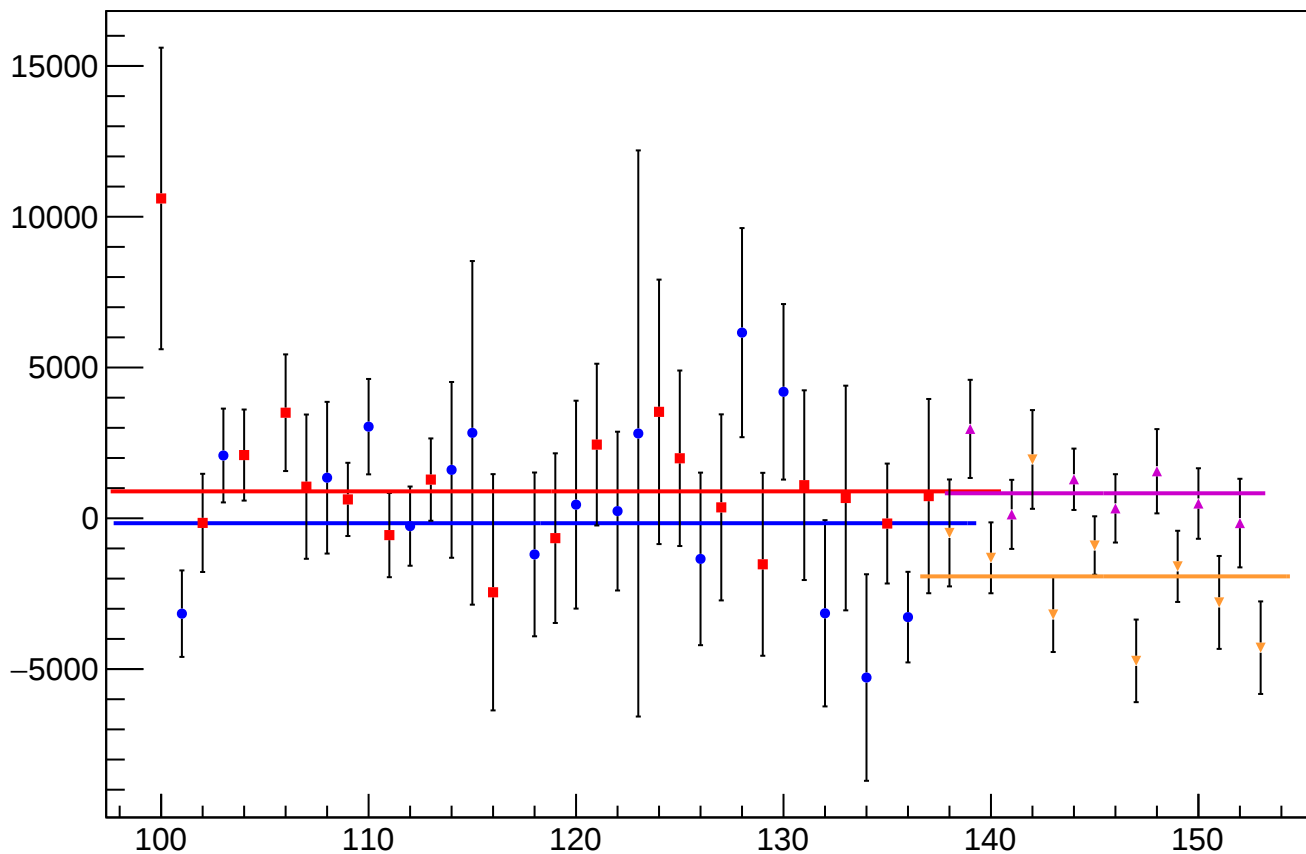
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 155.125 $\pm$ 0.031 χ^2 /NDF: 451416.1/23

Out: 151.931 $\pm$ 0.030 χ^2 /NDF: 895598.5/27

All: 153.436 $\pm$ 0.022 χ^2 /NDF: 1352471.7/51

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1926.268 ± 437.585 χ^2/NDF : 15.6/8

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 829.525 ± 466.696 χ^2/NDF : 3.3/6

Left: -636.996 ± 319.215 χ^2/NDF : 37.5/15

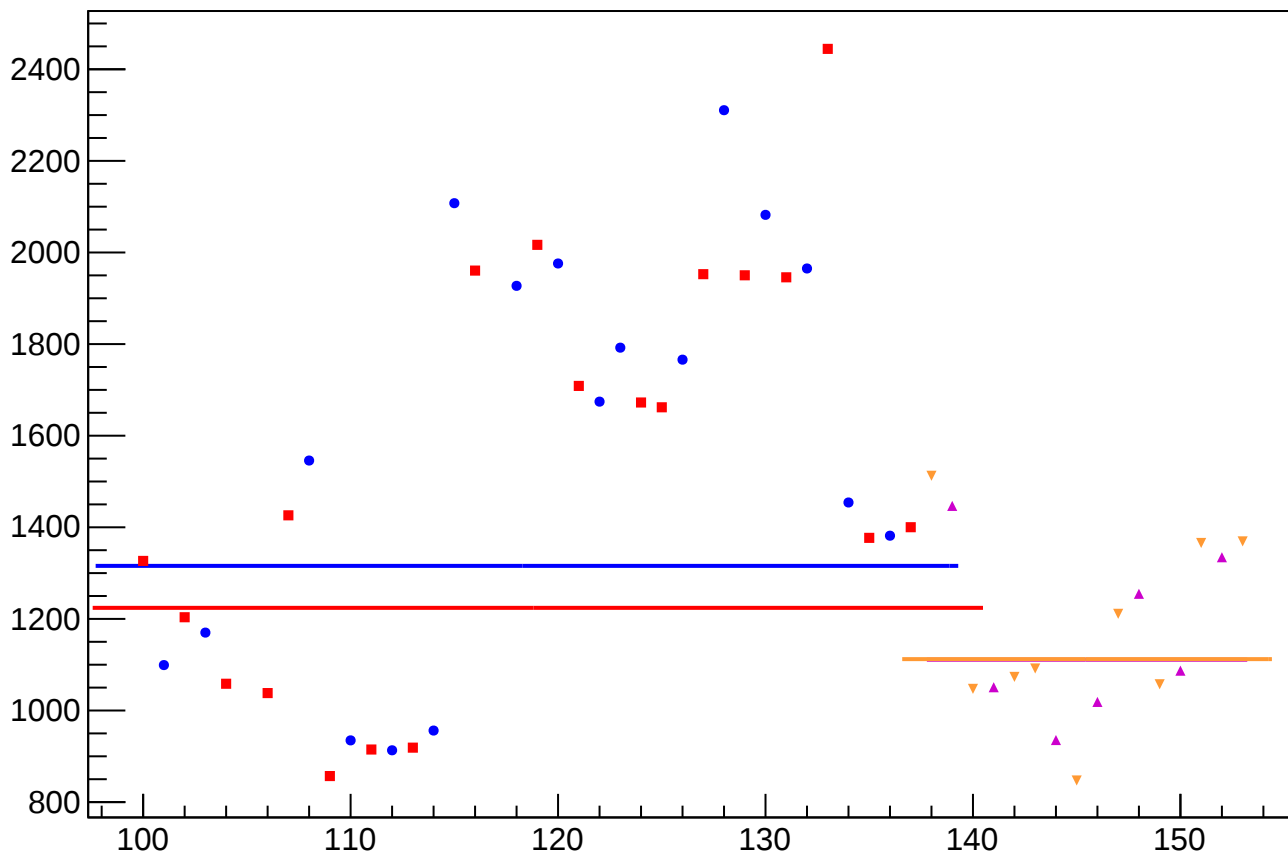
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 399.036 ± 351.167 χ^2/NDF : 30.3/23

Out: -659.130 ± 324.689 χ^2/NDF : 45.0/27

All: -171.440 ± 238.401 χ^2/NDF : 80.2/51

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1112.180 $\pm$ 0.309 χ^2 /NDF: 384222.6/8

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1110.861 $\pm$ 0.330 χ^2 /NDF: 231744.8/6

Left: 1111.563 $\pm$ 0.226 χ^2 /NDF: 615975.9/15

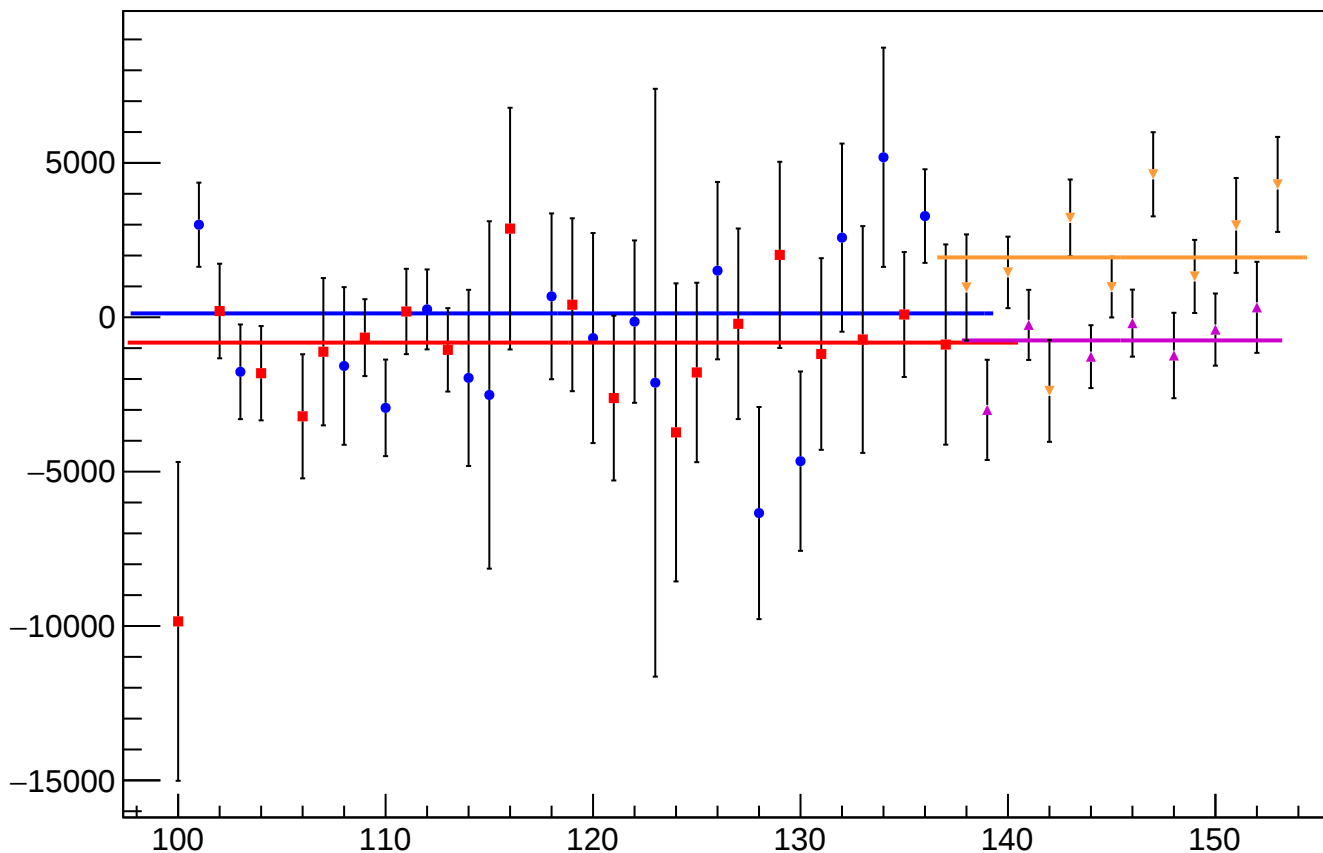
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1199.760 $\pm$ 0.248 χ^2 /NDF: 1517373.4/23

Out: 1162.503 $\pm$ 0.230 χ^2 /NDF: 1806977.8/27

All: 1179.674 $\pm$ 0.169 χ^2 /NDF: 3336488.0/51

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1939.043 $\pm$ 437.241 χ^2 /NDF:16.4/8

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -749.891 $\pm$ 462.082 χ^2 /NDF:3.4/6

Left: 668.791 $\pm$ 317.595 χ^2 /NDF: 37.6/15

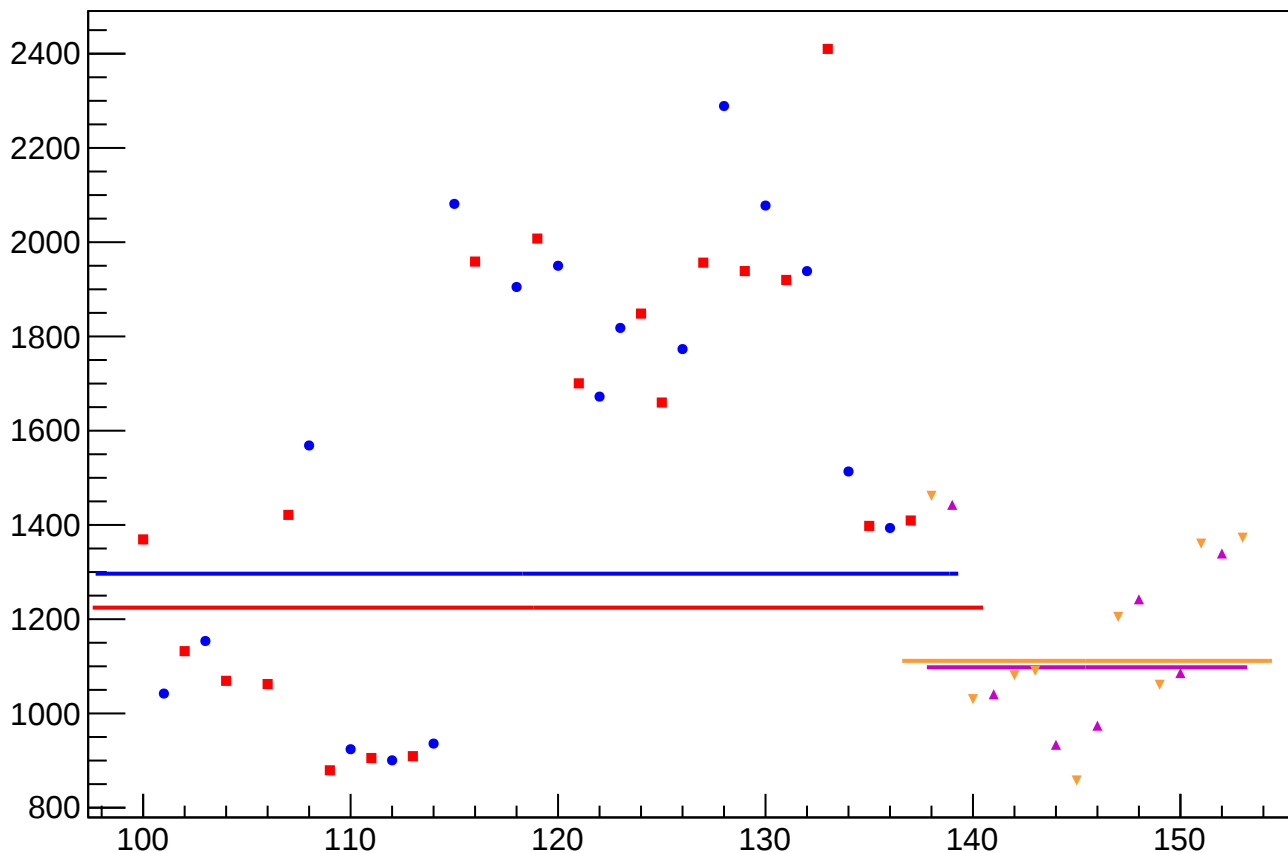
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -369.296 $\pm$ 347.382 χ^2 /NDF:29.6/23

Out: 700.962 $\pm$ 324.649 χ^2 /NDF:43.3/27

All: 201.995 $\pm$ 237.192 χ^2 /NDF: 78.0/51

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1111.590+/-0.309 χ^2/NDF : 350676.0/8

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1097.988+/-0.327 χ^2/NDF : 249133.9/6

Left: 1105.164+/-0.225 χ^2/NDF : 600724.4/15

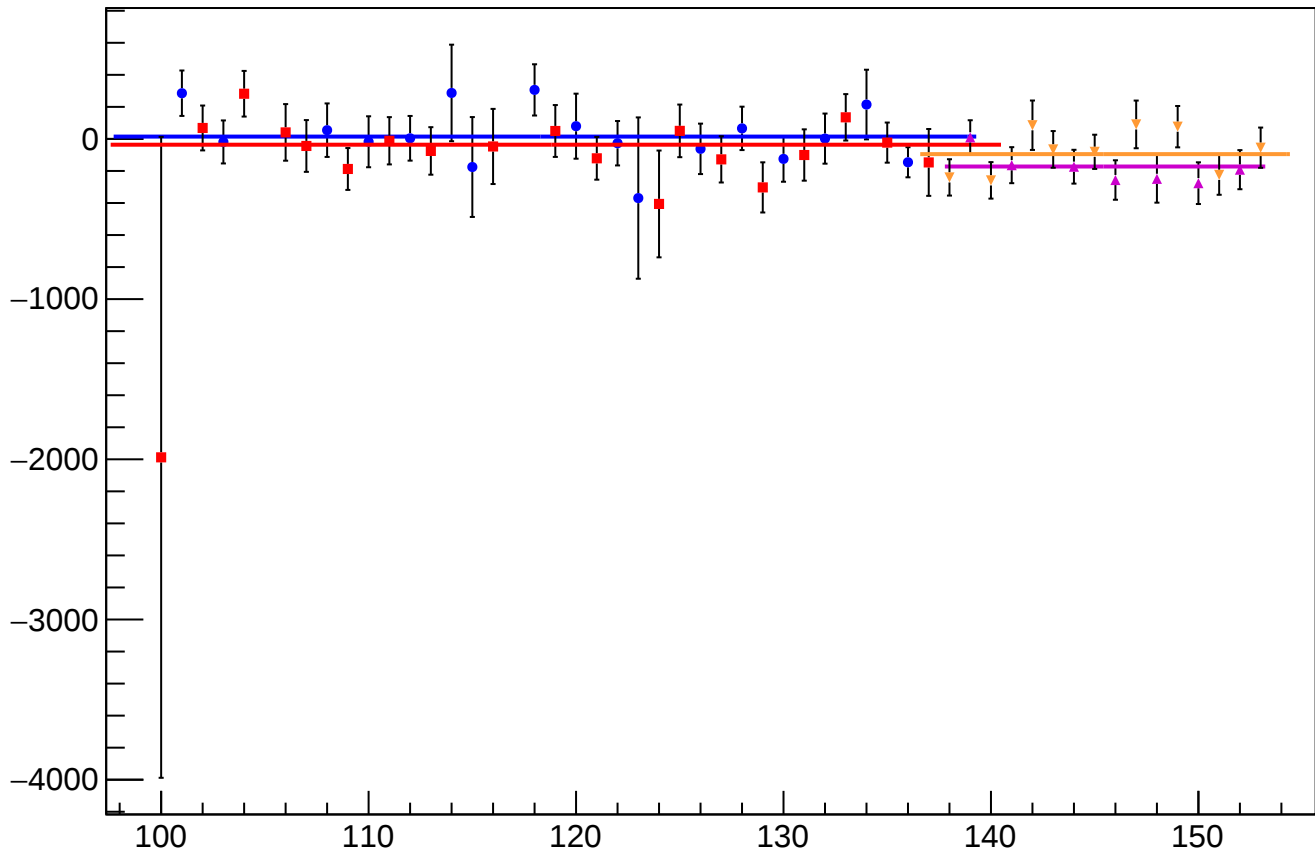
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1184.339+/-0.246 χ^2/NDF : 1585222.9/23

Out: 1162.280+/-0.230 χ^2/NDF : 1758856.9/27

All: 1172.564+/-0.168 χ^2/NDF : 3348384.6/51

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16

Left Out: -94.909 ± 41.038 χ^2/NDF : 9.7/8

Right Out: -36.133 ± 36.722 χ^2/NDF : 15.5/18

Left In: -172.231 ± 45.010 χ^2/NDF : 4.3/6

Left: -130.008 ± 30.325 χ^2/NDF : 15.6/15

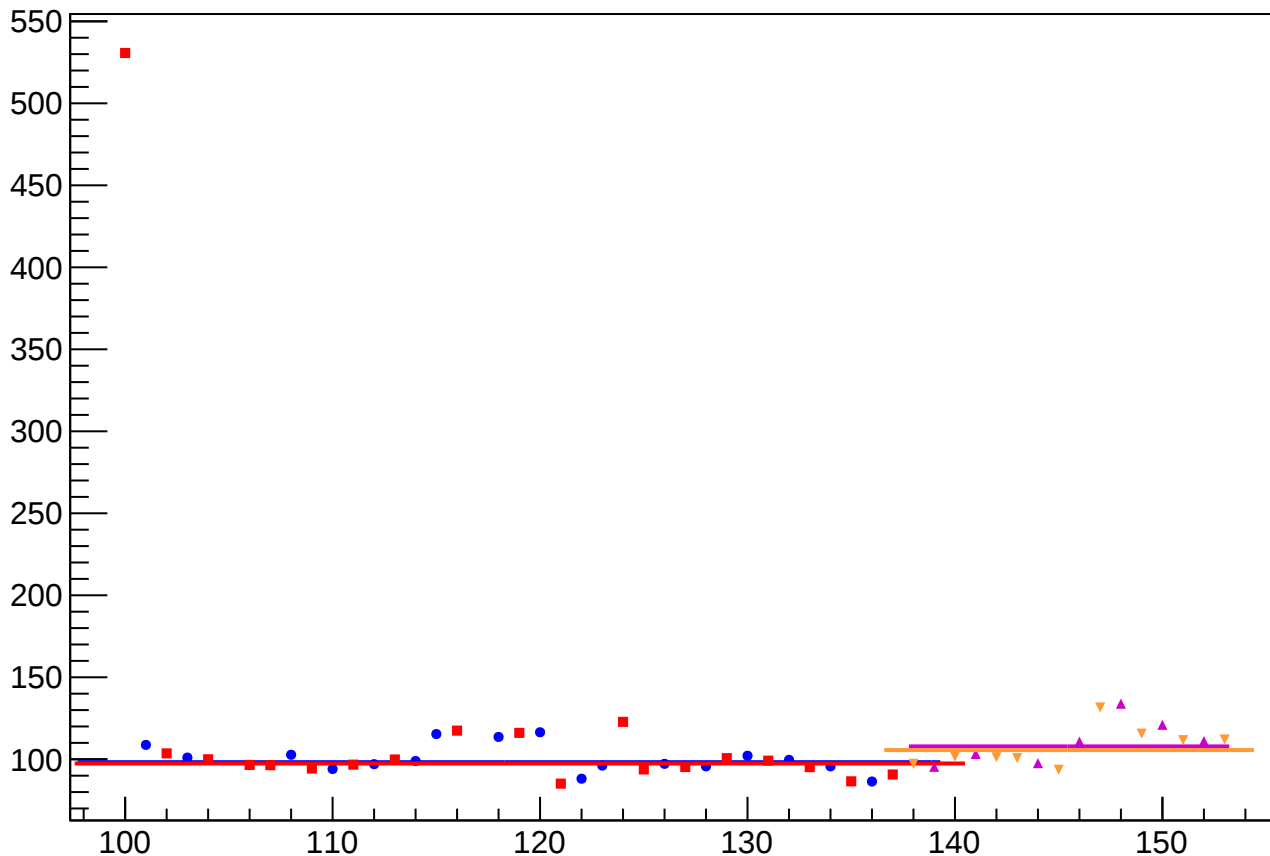
Right: -11.656 ± 26.412 χ^2/NDF : 30.6/35

In: -63.202 ± 29.043 χ^2/NDF : 28.5/23

Out: -62.269 ± 27.365 χ^2/NDF : 26.3/27

All: -62.708 ± 19.917 χ^2/NDF : 54.8/51

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 105.613+/-0.029 χ^2/NDF :126997.8/8

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 107.841+/-0.032 χ^2/NDF :133516.6/6

Left: 106.625+/-0.021 χ^2/NDF : 263190.3/15

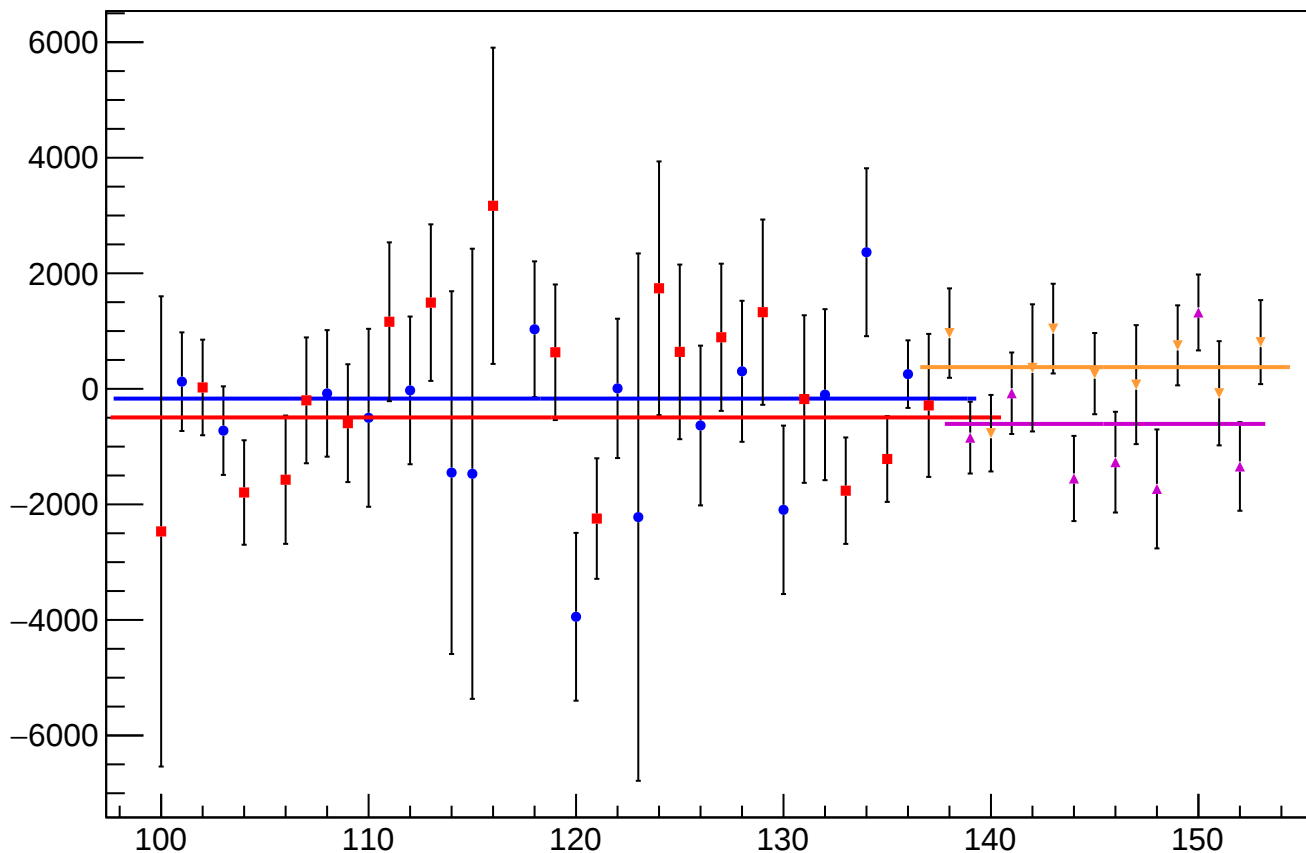
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 102.225+/-0.021 χ^2/NDF :287373.5/23

Out: 101.072+/-0.019 χ^2/NDF :361160.4/27

All: 101.615+/-0.014 χ^2/NDF : 650203.3/51

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 376.081 ± 261.644 $\chi^2/\text{NDF}: 5.3/8$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -607.143 ± 280.434 $\chi^2/\text{NDF}: 13.7/6$

Left: -81.490 ± 191.309 $\chi^2/\text{NDF}: 25.6/15$

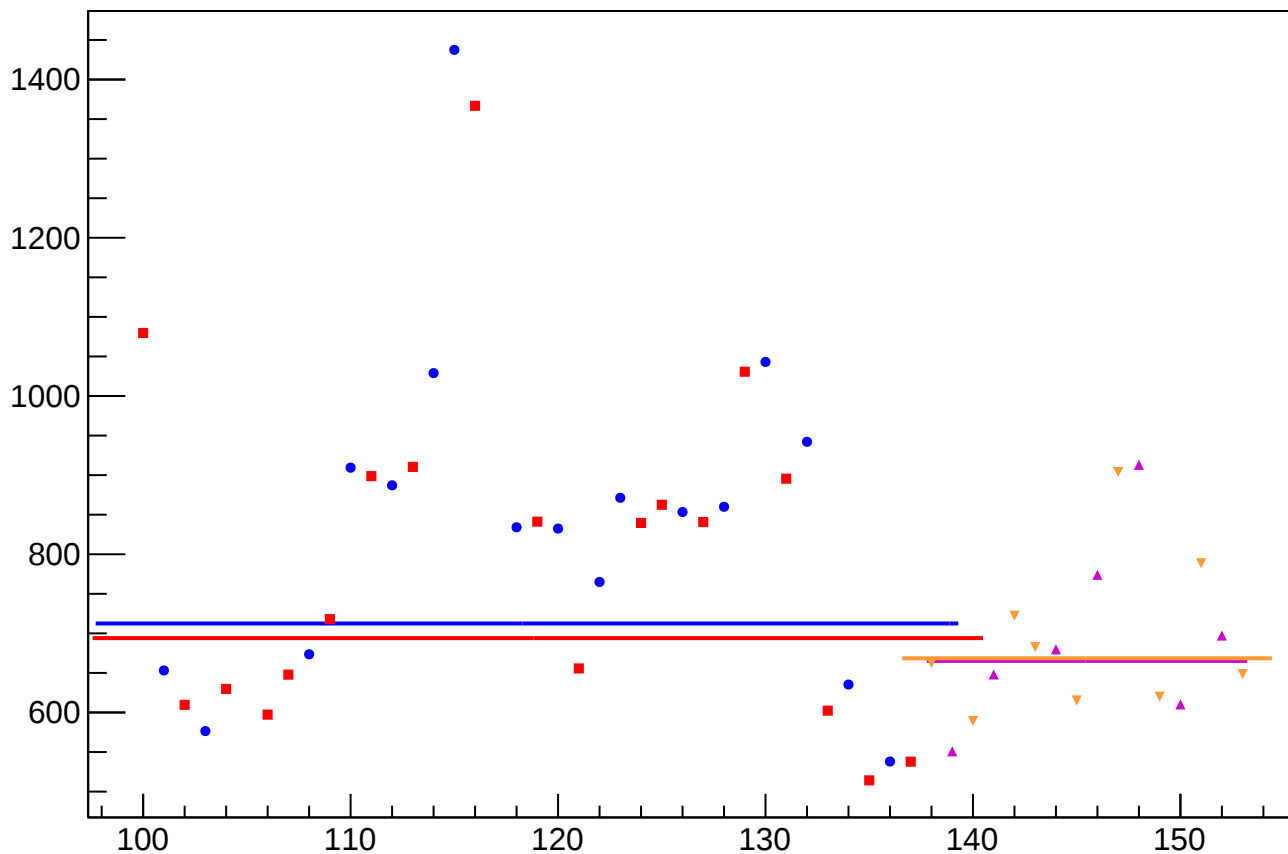
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -389.331 ± 198.911 $\chi^2/\text{NDF}: 29.5/23$

Out: -49.870 ± 187.023 $\chi^2/\text{NDF}: 30.6/27$

All: -209.154 ± 136.254 $\chi^2/\text{NDF}: 61.6/51$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 668.473+/-0.185 χ^2/NDF : 197072.3/8

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 665.236+/-0.198 χ^2/NDF : 234187.2/6

Left: 666.967+/-0.135 χ^2/NDF : 431402.0/15

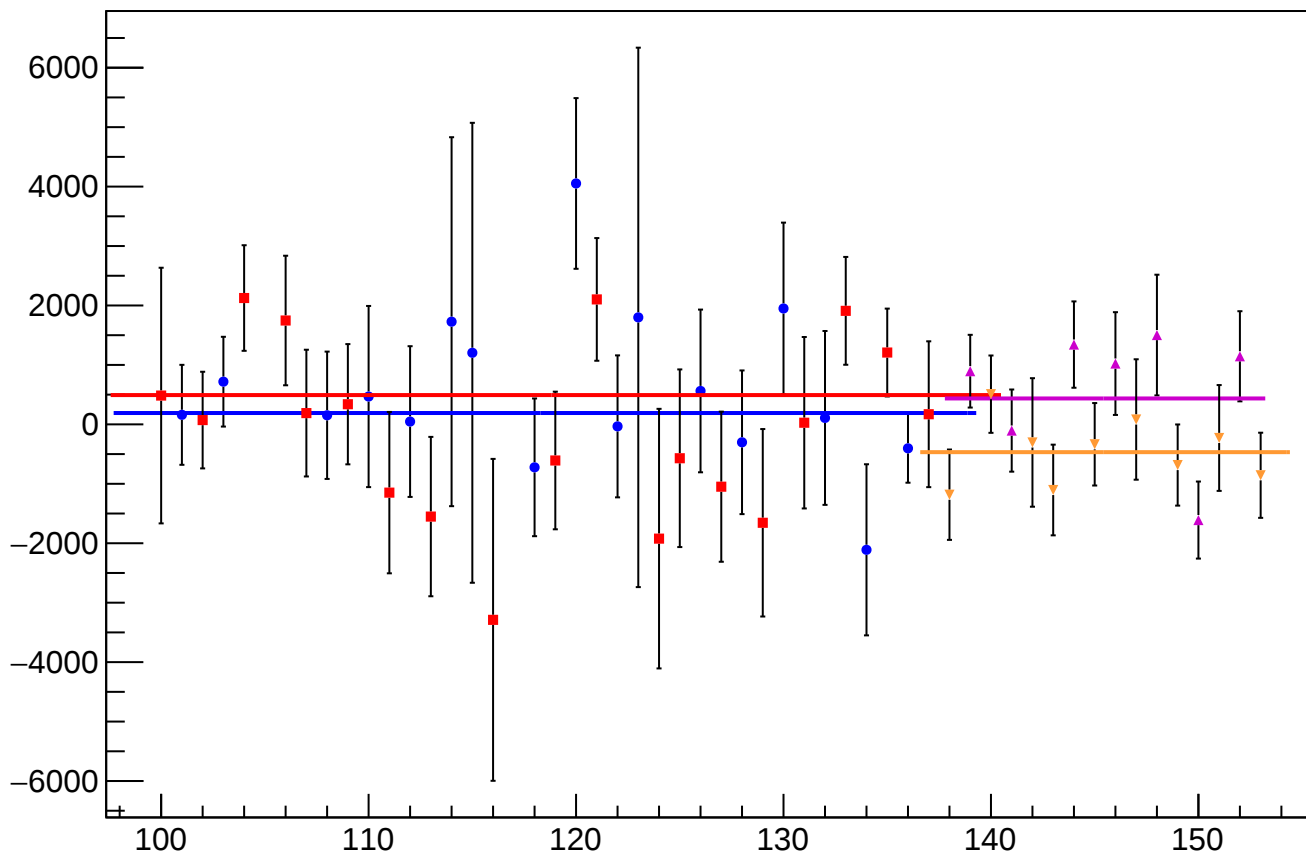
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 688.710+/-0.141 χ^2/NDF : 922908.2/23

Out: 680.965+/-0.132 χ^2/NDF : 881382.2/27

All: 684.599+/-0.096 χ^2/NDF : 1805899.7/51

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -467.552+/-257.510 χ^2/NDF : 4.7/8

Right Out: 492.659+/-262.648 χ^2/NDF : 22.8/18

Left In: 435.696+/-276.396 χ^2/NDF : 15.1/6

Left: -47.839+/-188.410 χ^2/NDF : 25.5/15

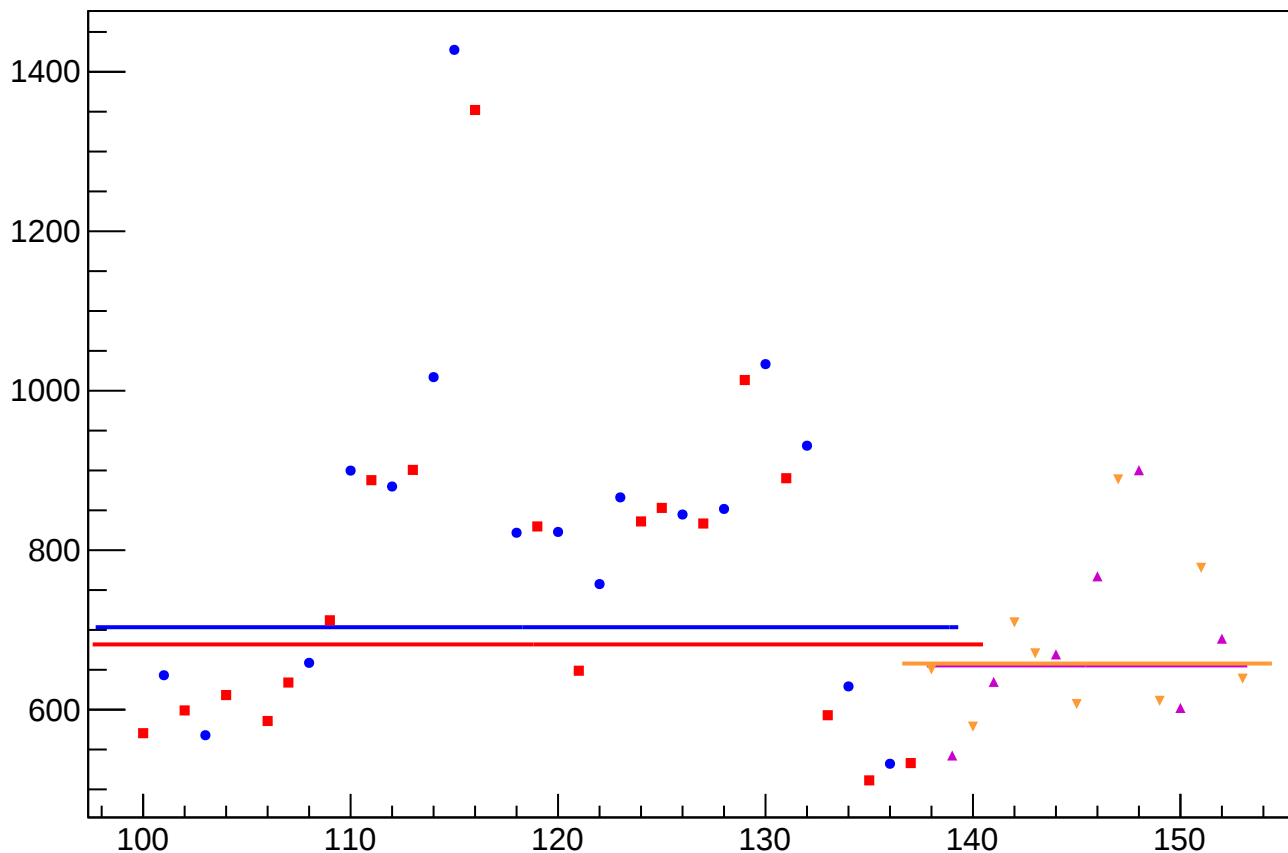
Right: 350.694+/-191.134 χ^2/NDF : 37.6/35

In: 314.291+/-196.240 χ^2/NDF : 29.7/23

Out: 3.069+/-183.877 χ^2/NDF : 34.2/27

All: 148.568+/-134.179 χ^2/NDF : 65.3/51

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 657.842 $\pm$ 0.182 χ^2 /NDF:196789.2/8

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 655.454 $\pm$ 0.195 χ^2 /NDF:237861.0/6

Left: 656.732 $\pm$ 0.133 χ^2 /NDF: 434730.1/15

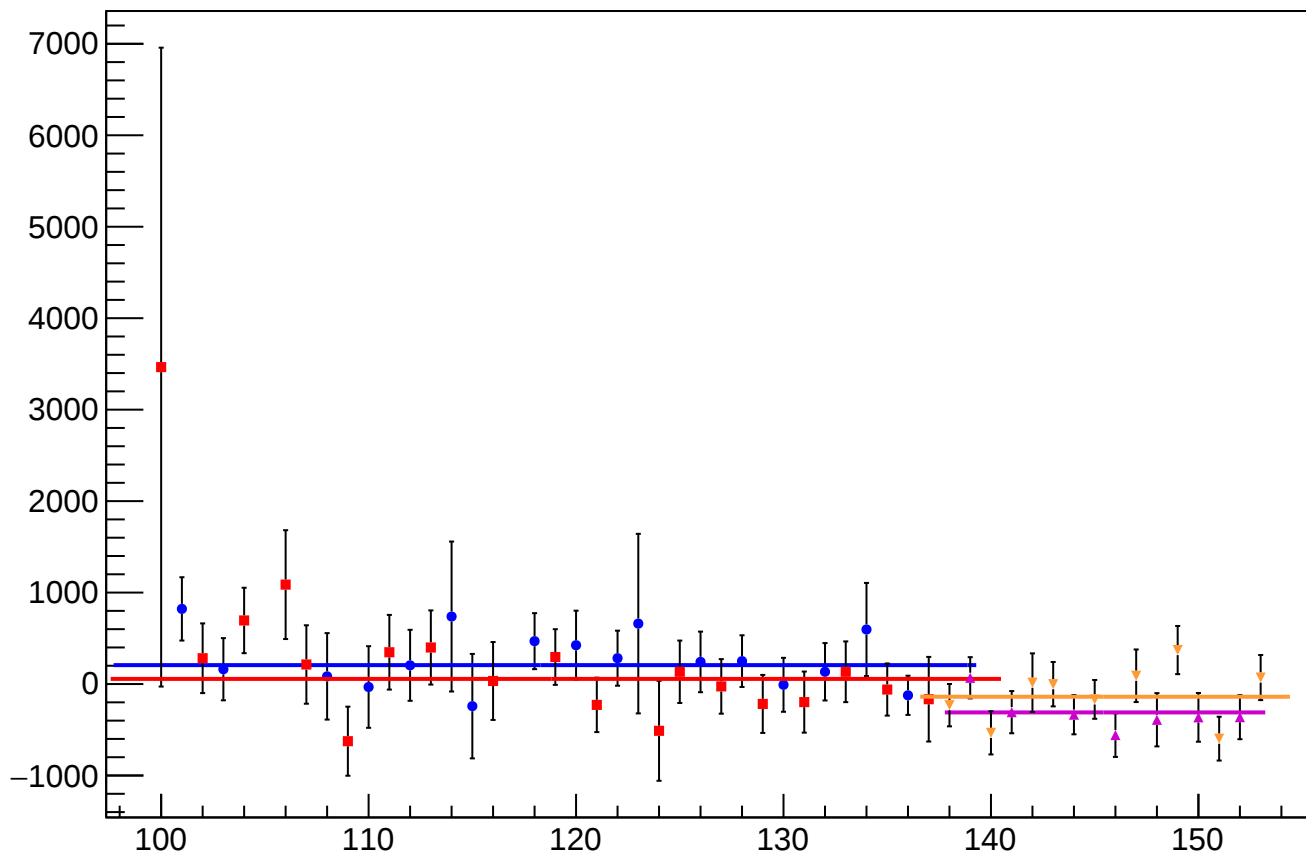
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 679.234 $\pm$ 0.139 χ^2 /NDF:934599.0/23

Out: 669.588 $\pm$ 0.130 χ^2 /NDF:870076.9/27

All: 674.097 $\pm$ 0.095 χ^2 /NDF: 1807249.0/51

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -138.825 $\pm$ 82.798 χ^2 /NDF:12.3/8

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -310.191 $\pm$ 90.997 χ^2 /NDF:4.1/6

Left: -216.441 $\pm$ 61.241 χ^2 /NDF: 18.3/15

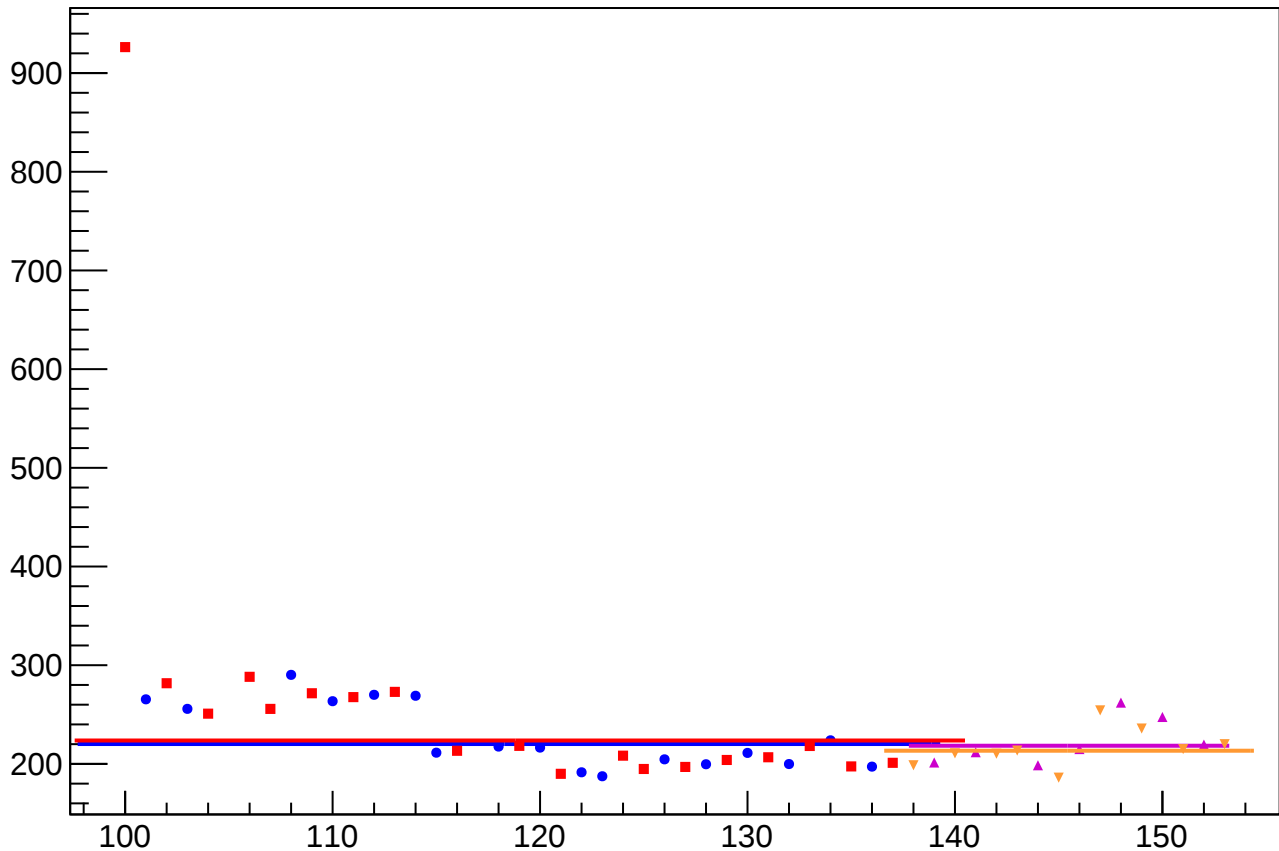
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -35.965 $\pm$ 62.361 χ^2 /NDF:30.7/23

Out: -44.057 $\pm$ 59.367 χ^2 /NDF:31.6/27

All: -40.210 $\pm$ 42.998 χ^2 /NDF: 62.3/51

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 213.355 $\pm$ 0.059 χ^2 /NDF: 98151.7/8

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.402 $\pm$ 0.064 χ^2 /NDF: 99412.6/6

Left: 215.641 $\pm$ 0.043 χ^2 /NDF: 200929.9/15

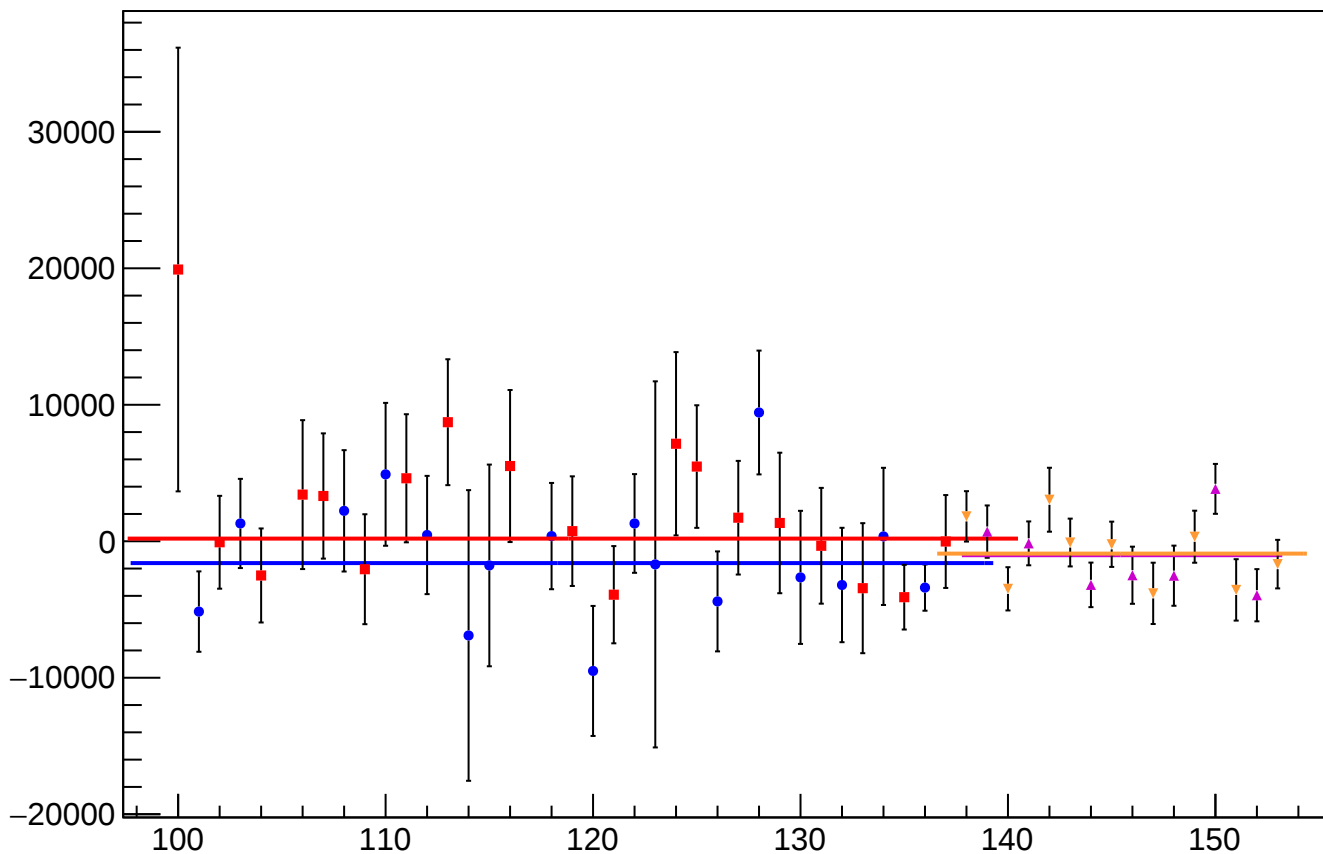
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.320 $\pm$ 0.044 χ^2 /NDF: 328240.2/23

Out: 218.384 $\pm$ 0.042 χ^2 /NDF: 466579.4/27

All: 218.829 $\pm$ 0.030 χ^2 /NDF: 795055.8/51

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -904.773+/-626.130 χ^2/NDF : 11.7/8

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -1022.197+/-699.826 χ^2/NDF : 13.3/6

Left: -956.979+/-466.628 χ^2/NDF : 25.0/15

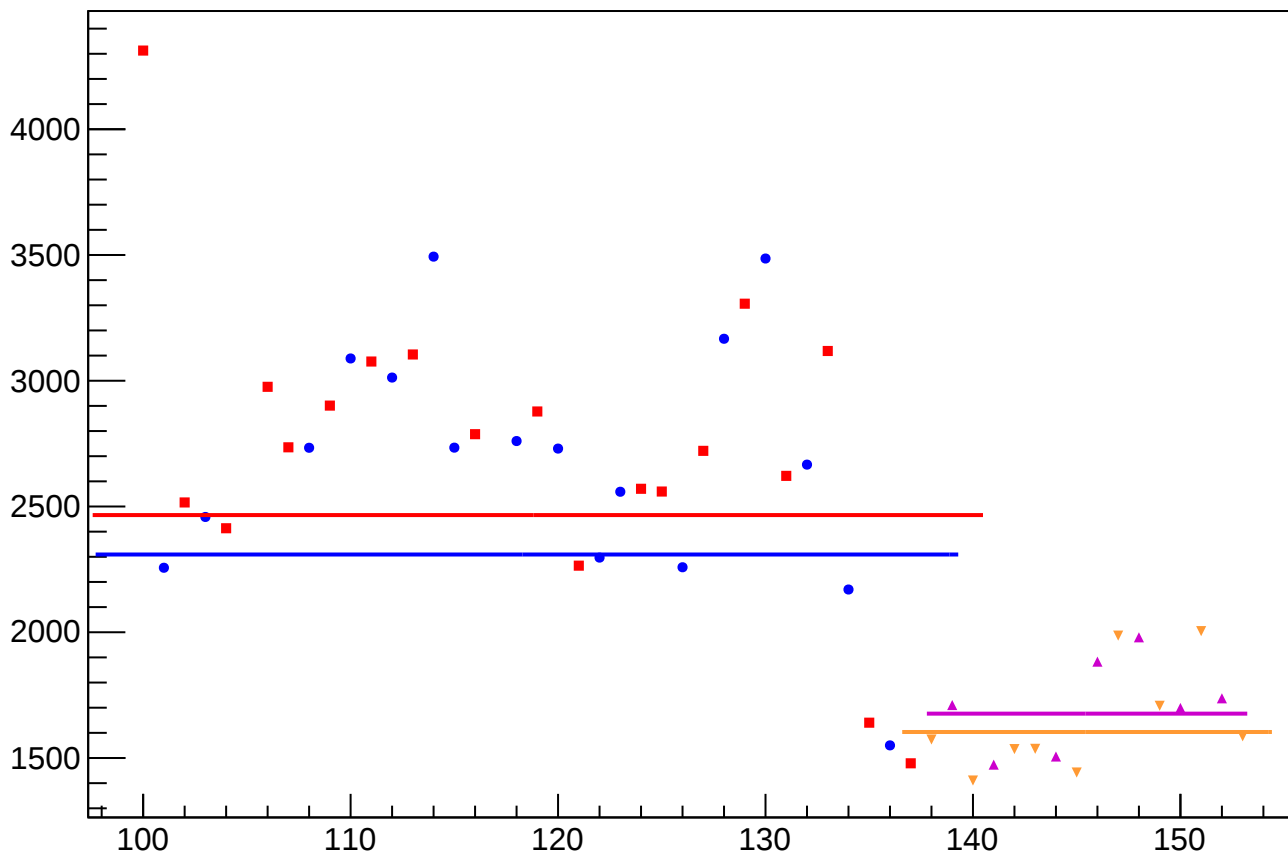
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -1233.332+/-557.223 χ^2/NDF : 30.1/23

Out: -570.492+/-522.373 χ^2/NDF : 29.0/27

All: -880.537+/-381.099 χ^2/NDF : 59.9/51

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1603.437+/-0.443 χ^2/NDF : 181602.4/8

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1676.391+/-0.495 χ^2/NDF : 114074.7/6

Left: 1635.872+/-0.330 χ^2/NDF : 307748.7/15

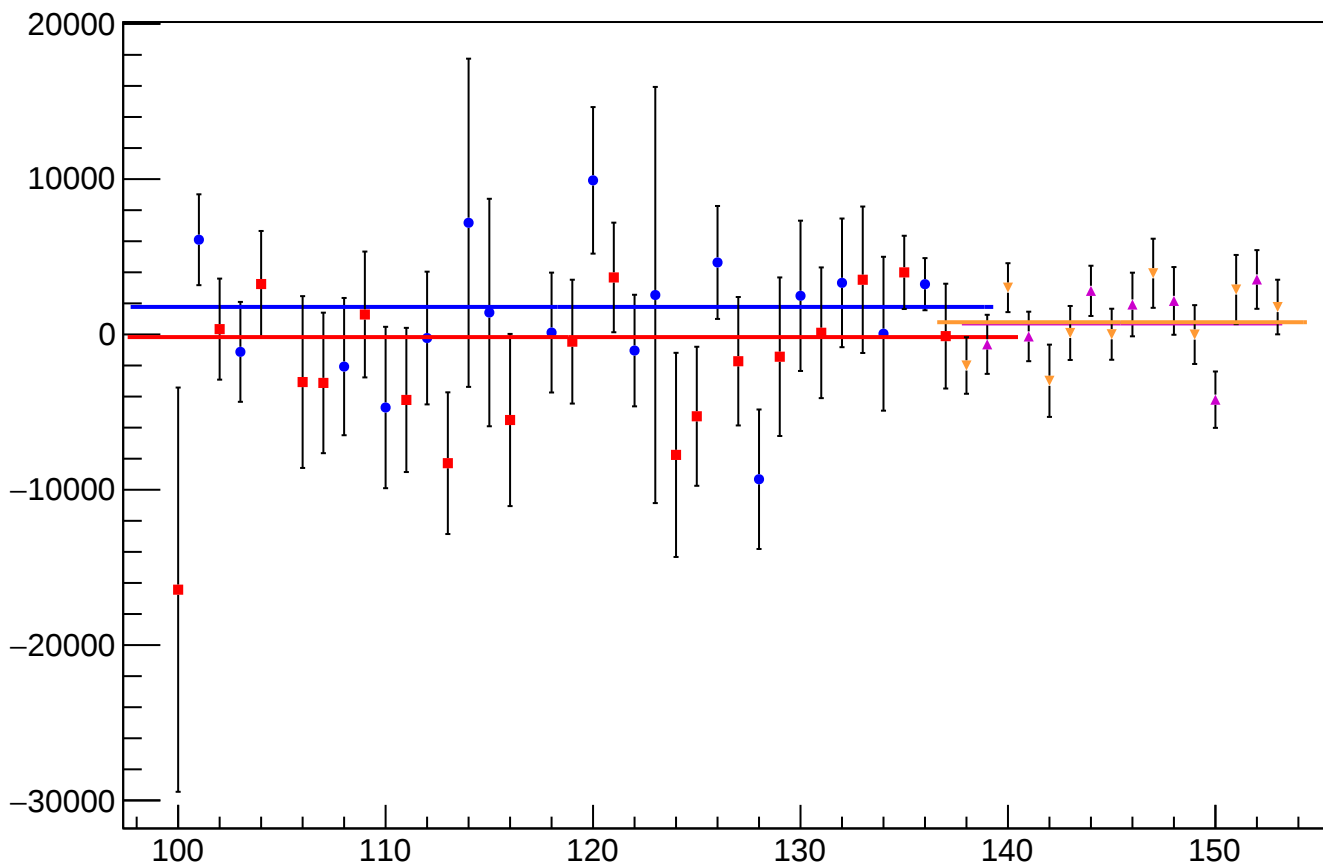
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1907.984+/-0.394 χ^2/NDF : 1513215.2/23

Out: 1865.594+/-0.369 χ^2/NDF : 2029147.6/27

All: 1885.422+/-0.269 χ^2/NDF : 3548523.4/51

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2 /NDF: 17.3/16

Left Out: 786.526 $\pm$ 620.533 χ^2 /NDF:10.7/8

Right Out: -170.902 $\pm$ 937.411 χ^2 /NDF: 16.0/18

Left In: 707.665 $\pm$ 692.539 χ^2 /NDF:12.8/6

Left: 751.407 $\pm$ 462.151 χ^2 /NDF: 23.5/15

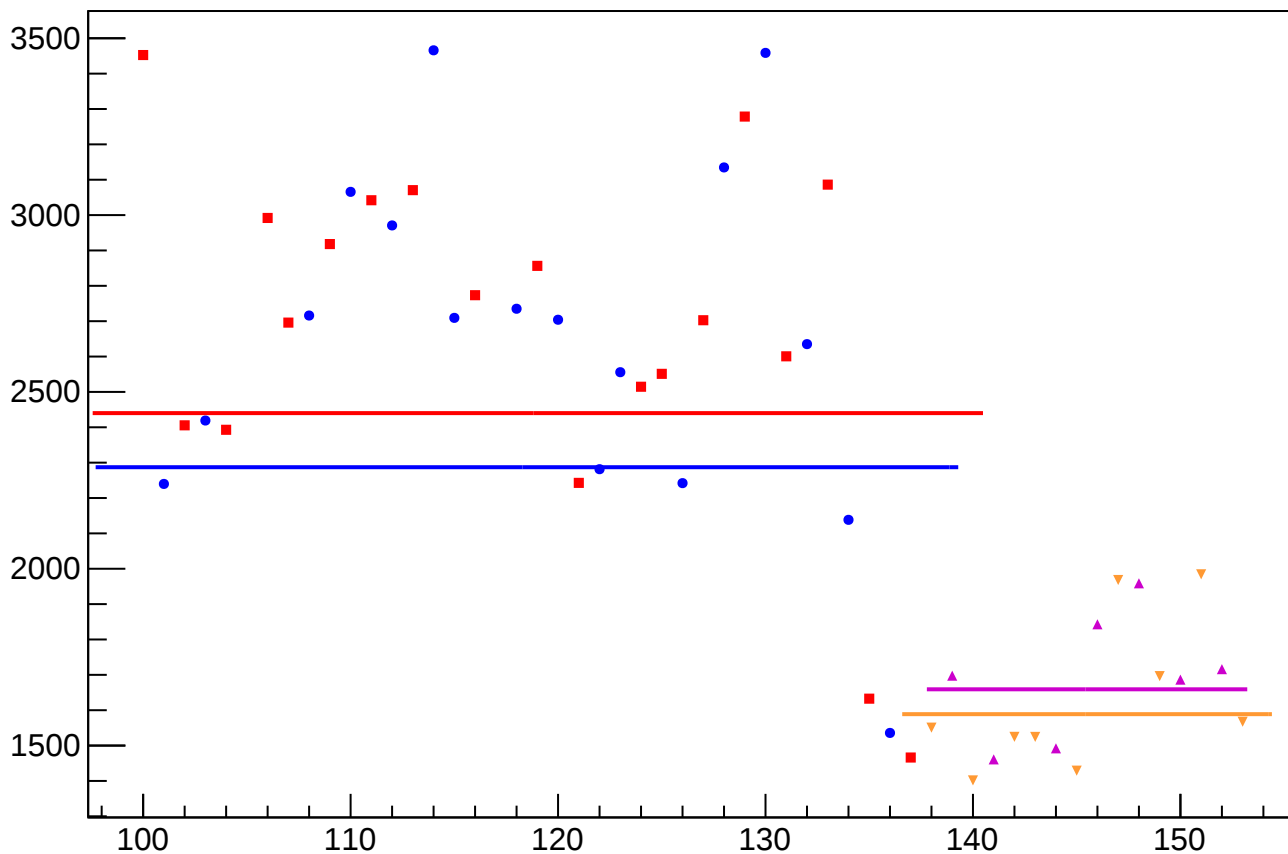
Right: 826.520 $\pm$ 653.801 χ^2 /NDF: 35.6/35

In: 1096.490 $\pm$ 551.615 χ^2 /NDF:31.0/23

Out: 494.812 $\pm$ 517.435 χ^2 /NDF:27.5/27

All: 776.433 $\pm$ 377.387 χ^2 /NDF: 59.1/51

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1588.833 $\pm$ 0.439 χ^2/NDF : 180236.0/8

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1659.099 $\pm$ 0.490 χ^2/NDF : 109225.3/6

Left: 1620.125 $\pm$ 0.327 χ^2/NDF : 300881.3/15

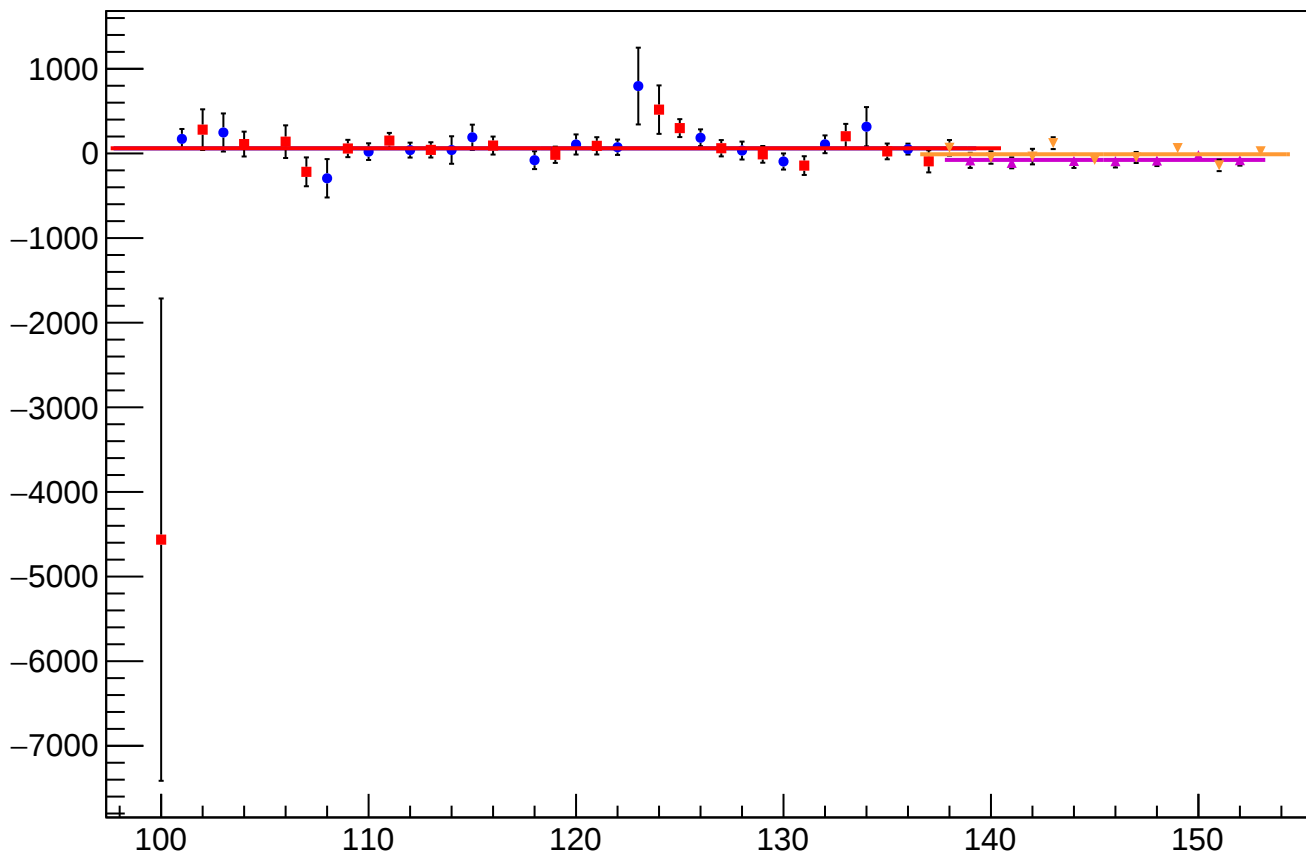
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1888.678 $\pm$ 0.390 χ^2/NDF : 1509846.0/23

Out: 1848.192 $\pm$ 0.366 χ^2/NDF : 2006043.5/27

All: 1867.142 $\pm$ 0.267 χ^2/NDF : 3521620.6/51

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -9.707 $\pm$ 22.376 χ^2 /NDF:11.9/8

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -76.445 $\pm$ 26.323 χ^2 /NDF:1.2/6

Left: -37.702 $\pm$ 17.048 χ^2 /NDF: 16.9/15

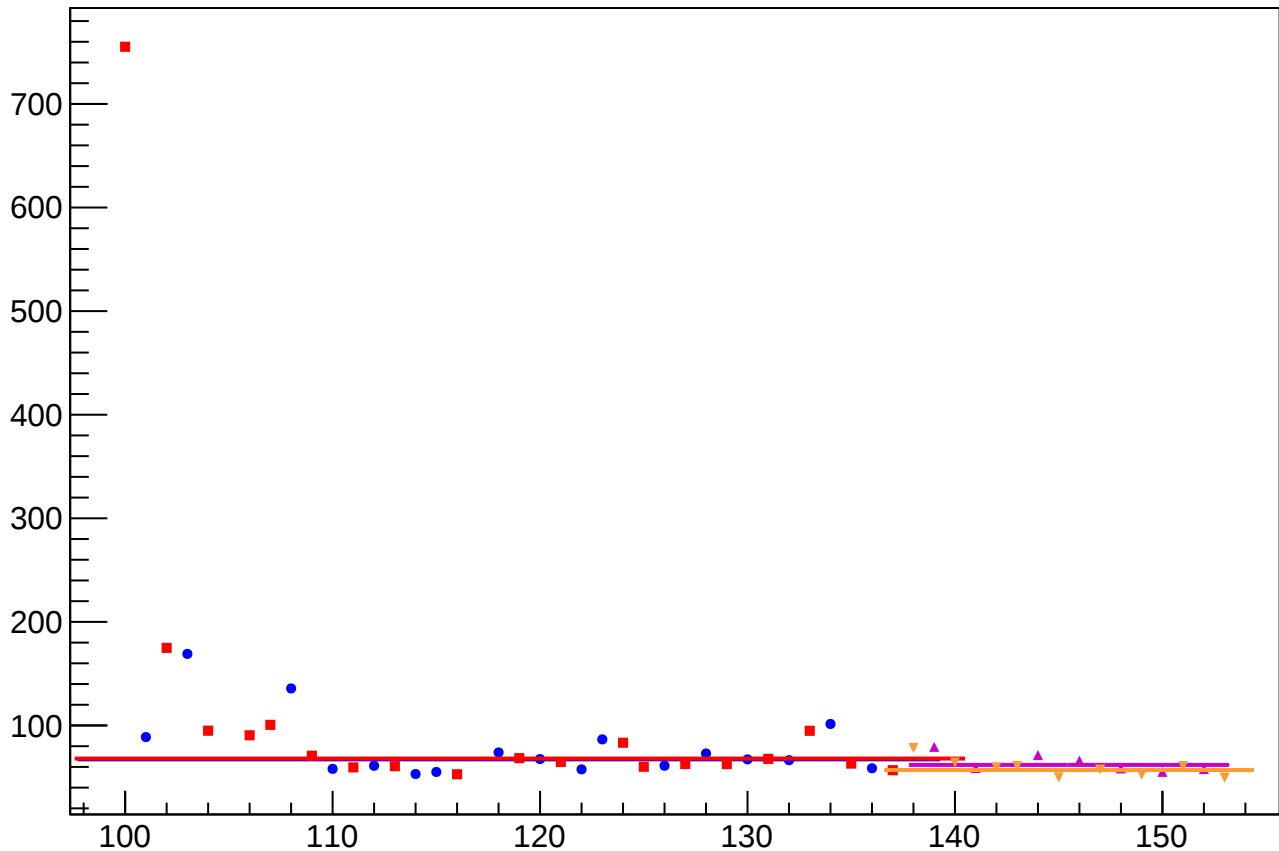
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -10.322 $\pm$ 18.875 χ^2 /NDF:29.6/23

Out: 19.063 $\pm$ 17.231 χ^2 /NDF:38.3/27

All: 5.706 $\pm$ 12.726 χ^2 /NDF: 69.2/51

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 57.006 $\pm$ 0.016 χ^2 /NDF: 219374.2/8

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 61.916 $\pm$ 0.019 χ^2 /NDF: 151249.4/6

Left: 59.066 $\pm$ 0.012 χ^2 /NDF: 411017.5/15

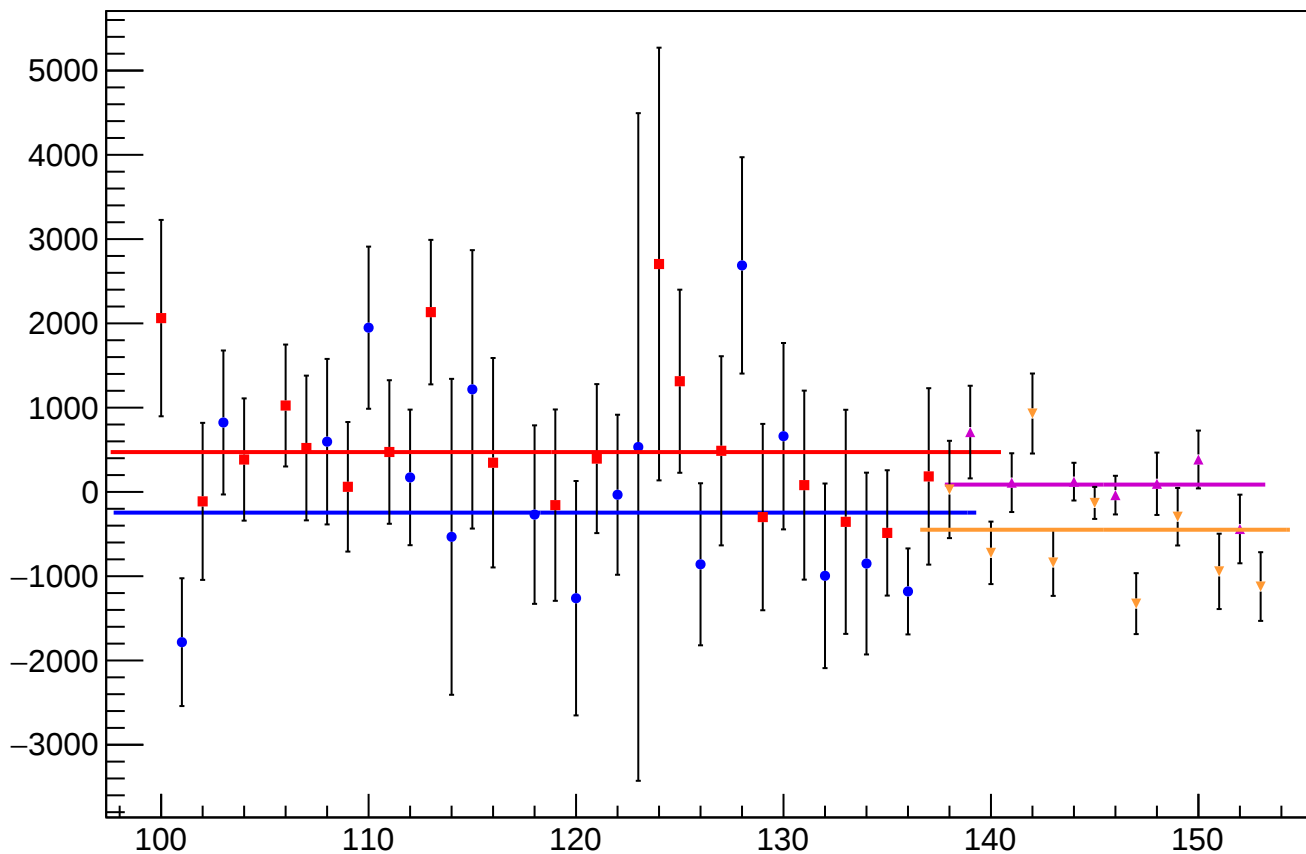
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 64.530 $\pm$ 0.013 χ^2 /NDF: 1033207.2/23

Out: 61.505 $\pm$ 0.012 χ^2 /NDF: 1288642.0/27

All: 62.880 $\pm$ 0.009 χ^2 /NDF: 2349874.0/51

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -448.672+/-114.611 χ^2/NDF : 23.5/8

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 87.065+/-117.576 χ^2/NDF : 4.0/6

Left: -187.644+/-82.070 χ^2/NDF : 38.2/15

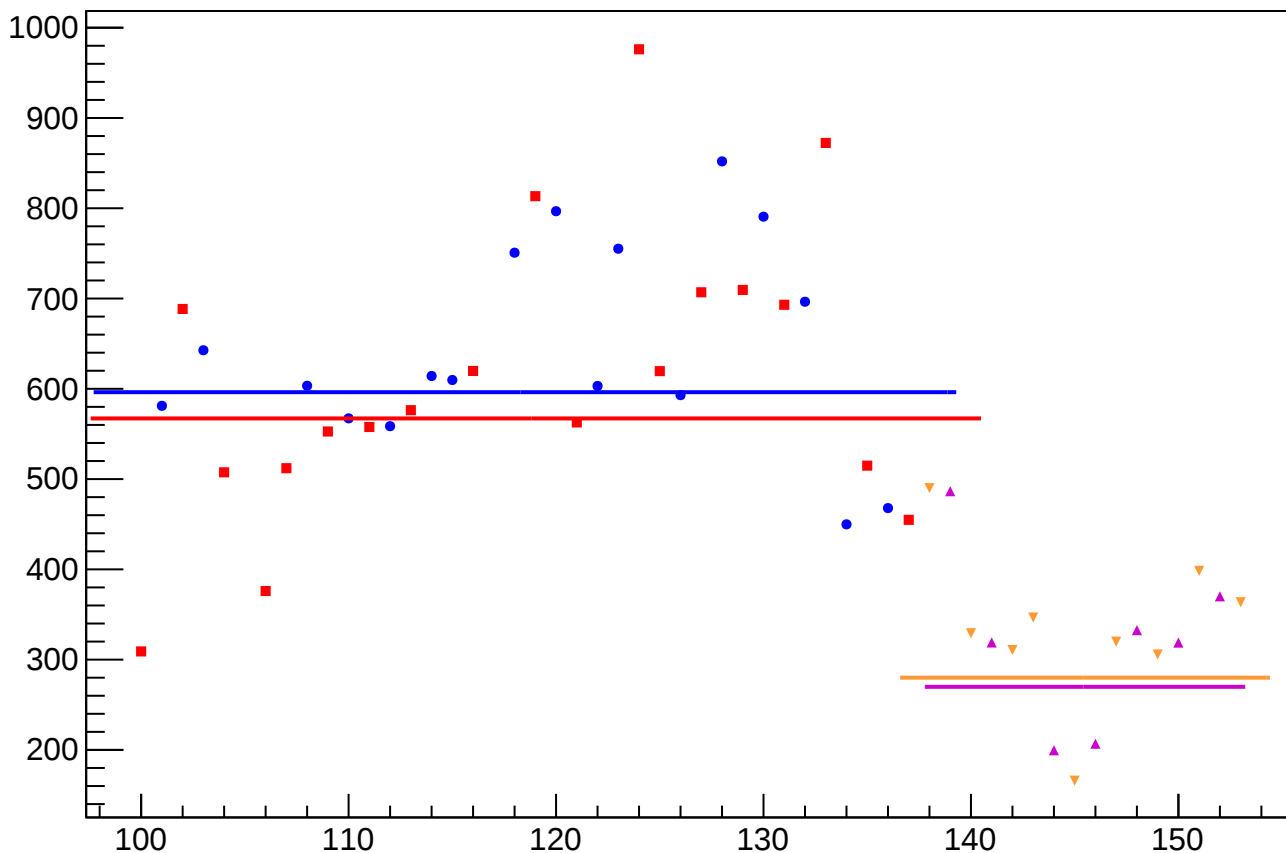
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: 20.640+/-105.186 χ^2/NDF : 29.4/23

Out: -250.293+/-101.528 χ^2/NDF : 48.7/27

All: -119.619+/-73.050 χ^2/NDF : 81.5/51

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 $\chi^2/NDF: 422153.3/16$

Left Out: 280.027 ± 0.081 $\chi^2/NDF: 1347612.7/8$

Right Out: 567.177 ± 0.155 $\chi^2/NDF: 675391.6/18$

Left In: 269.879 ± 0.083 $\chi^2/NDF: 918178.9/6$

Left: 275.083 ± 0.058 $\chi^2/NDF: 2273431.2/15$

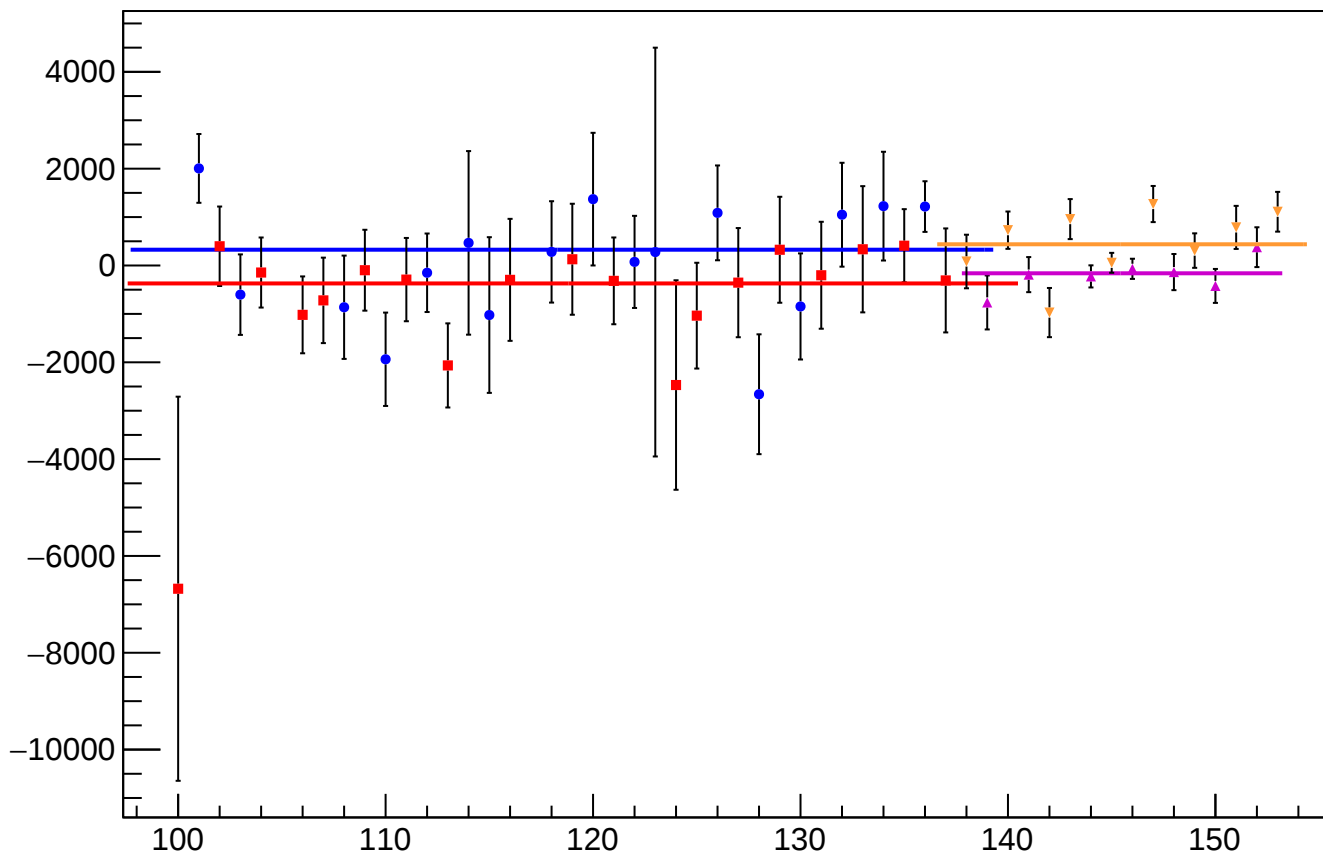
Right: 580.651 ± 0.113 $\chi^2/NDF: 1113905.5/35$

In: 335.041 ± 0.074 $\chi^2/NDF: 4417059.1/23$

Out: 341.842 ± 0.072 $\chi^2/NDF: 4725589.4/27$

All: 338.562 ± 0.052 $\chi^2/NDF: 9146977.4/51$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 438.218 $\pm$ 120.046 χ^2/NDF : 22.1/8

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -161.142 $\pm$ 116.036 χ^2/NDF : 3.7/6

Left: 128.358 $\pm$ 83.431 χ^2/NDF : 38.7/15

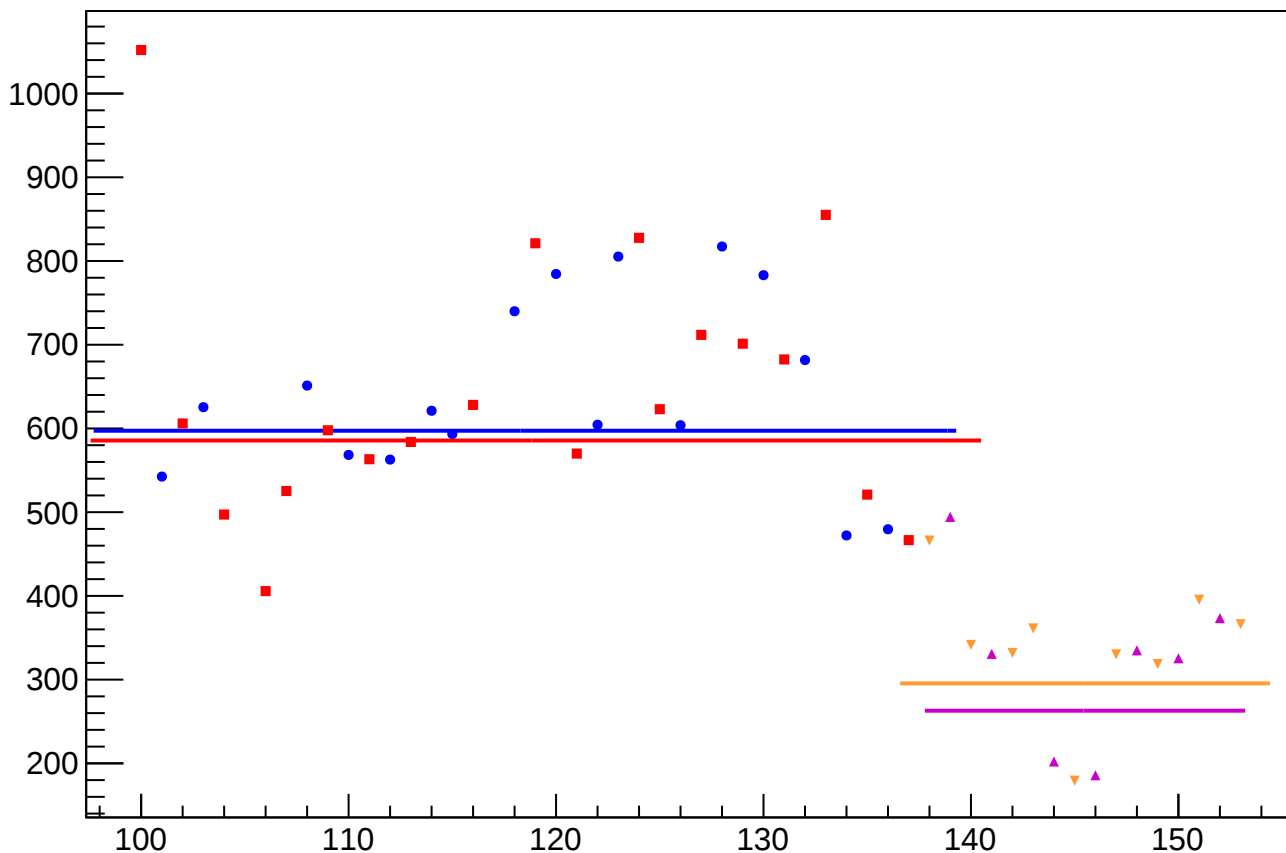
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -66.029 $\pm$ 104.095 χ^2/NDF : 34.0/23

Out: 258.834 $\pm$ 105.903 χ^2/NDF : 43.7/27

All: 93.606 $\pm$ 74.237 χ^2/NDF : 82.5/51

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 295.494 $\pm$ 0.085 χ^2 /NDF:1103346.1/8

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 262.911 $\pm$ 0.082 χ^2 /NDF:1112901.5/6

Left: 278.649 $\pm$ 0.059 χ^2 /NDF: 2292417.0/15

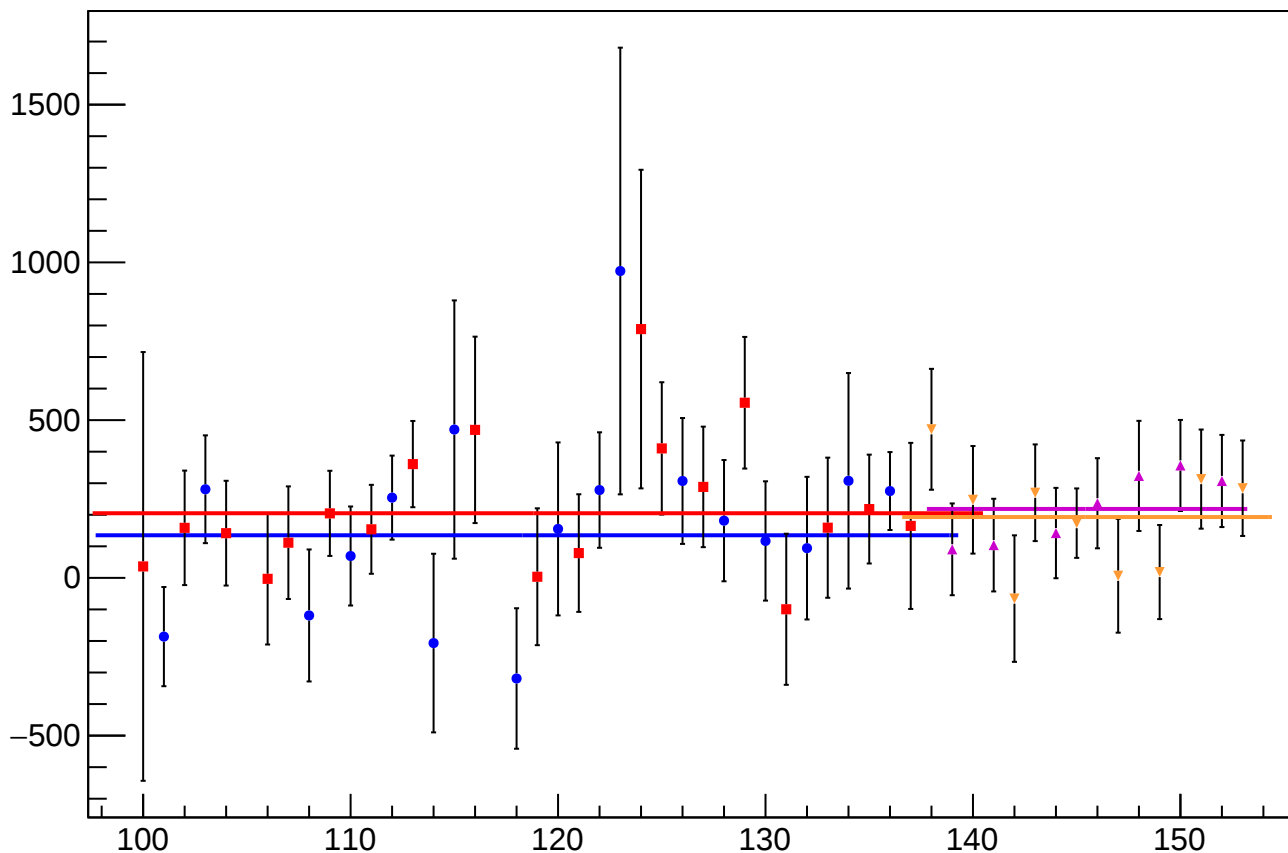
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 328.188 $\pm$ 0.074 χ^2 /NDF:4718915.9/23

Out: 359.829 $\pm$ 0.075 χ^2 /NDF:4168318.7/27

All: 343.736 $\pm$ 0.052 χ^2 /NDF: 8978033.4/51

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 192.840 $\pm$ 51.881 χ^2 /NDF:7.5/8

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 218.509 $\pm$ 55.983 χ^2 /NDF:3.3/6

Left: 204.700 $\pm$ 38.053 χ^2 /NDF: 11.0/15

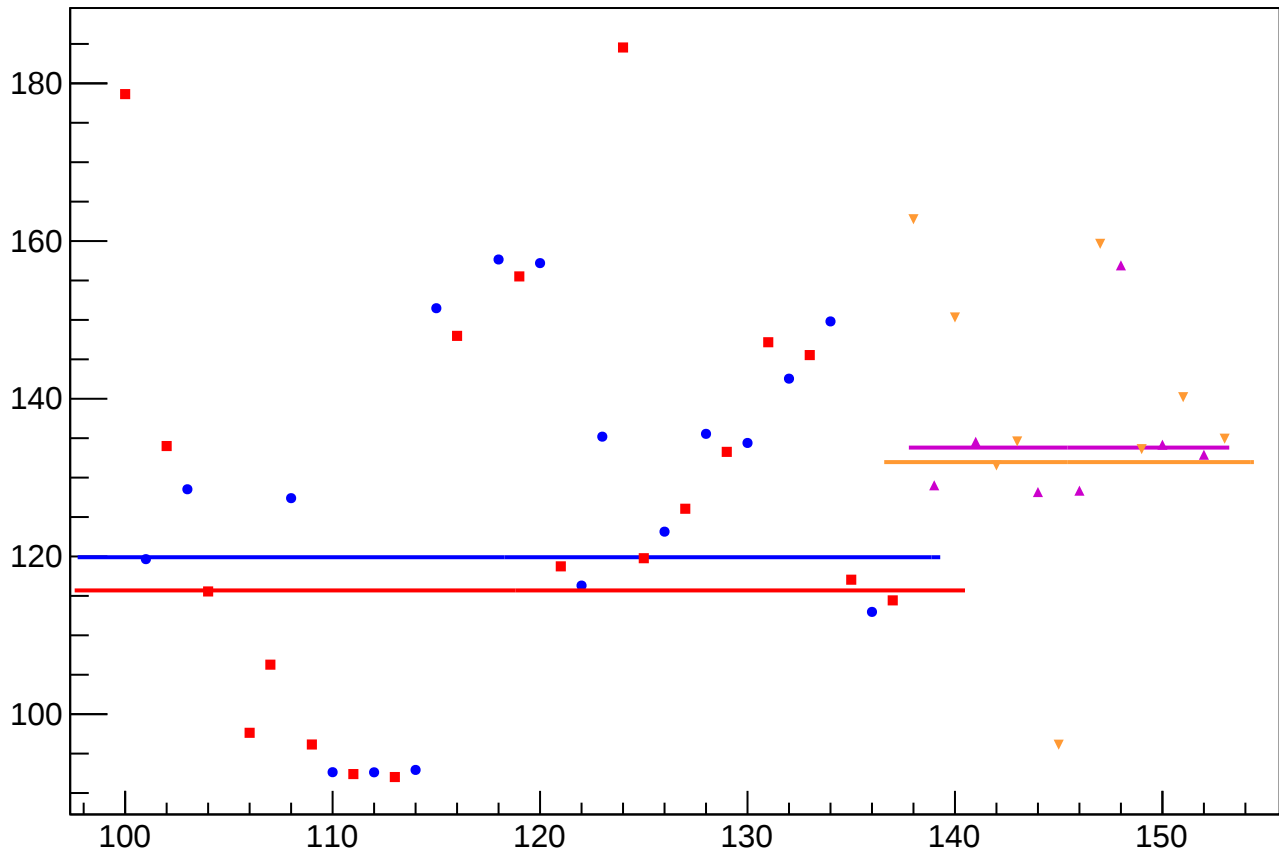
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 169.563 $\pm$ 36.007 χ^2 /NDF:22.7/23

Out: 199.777 $\pm$ 33.751 χ^2 /NDF:19.7/27

All: 185.646 $\pm$ 24.625 χ^2 /NDF: 42.7/51

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 131.968 $\pm$ 0.037 χ^2 /NDF:341047.4/8

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 133.807 $\pm$ 0.040 χ^2 /NDF:43402.0/6

Left: 132.817 $\pm$ 0.027 χ^2 /NDF: 385611.3/15

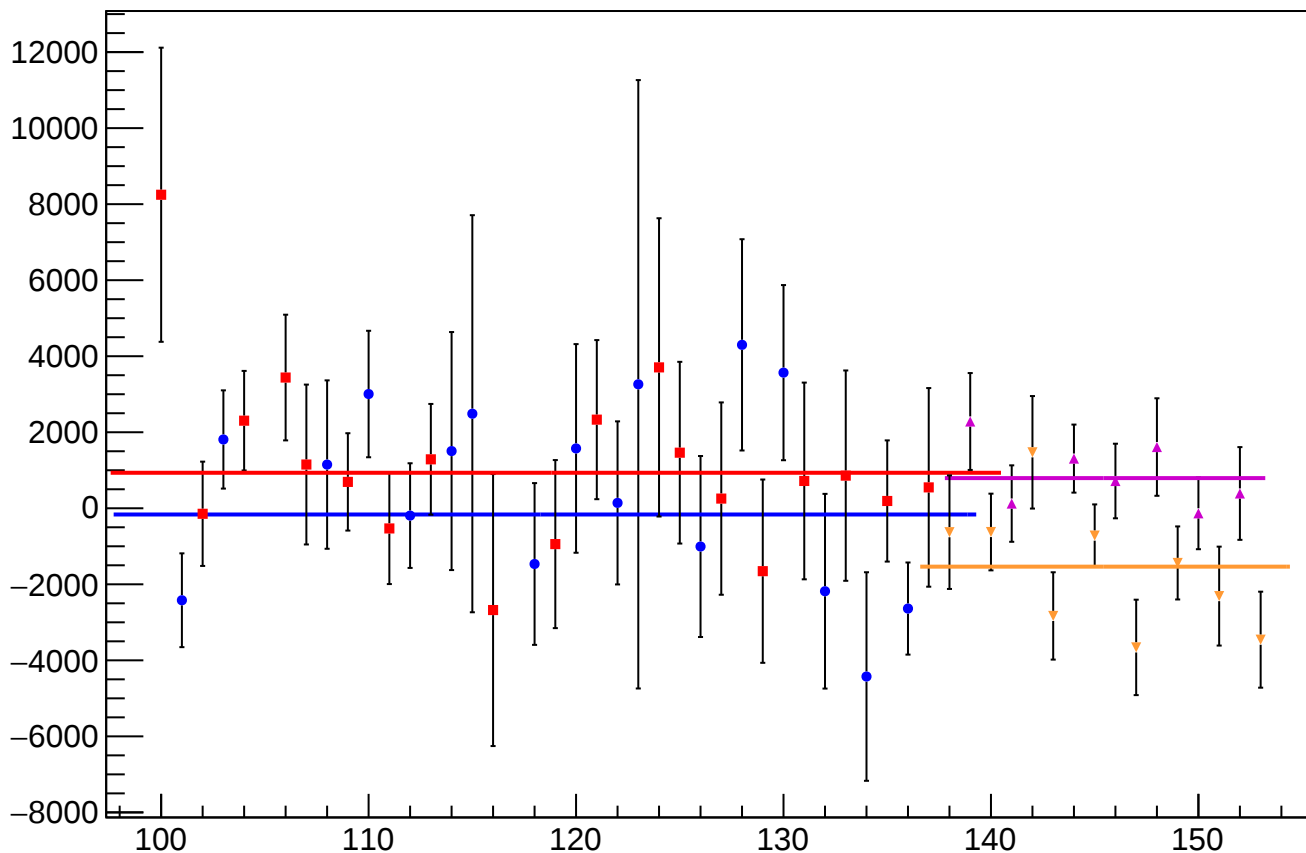
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 125.655 $\pm$ 0.025 χ^2 /NDF:461241.9/23

Out: 122.580 $\pm$ 0.024 χ^2 /NDF:889903.0/27

All: 124.018 $\pm$ 0.017 χ^2 /NDF: 1358909.0/51

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1535.585 ± 376.187 $\chi^2/\text{NDF}: 13.1/8$

Right Out: 933.992 ± 437.648 $\chi^2/\text{NDF}: 12.9/18$

Left In: 793.676 ± 398.593 $\chi^2/\text{NDF}: 3.6/6$

Left: -438.259 ± 273.583 $\chi^2/\text{NDF}: 34.8/15$

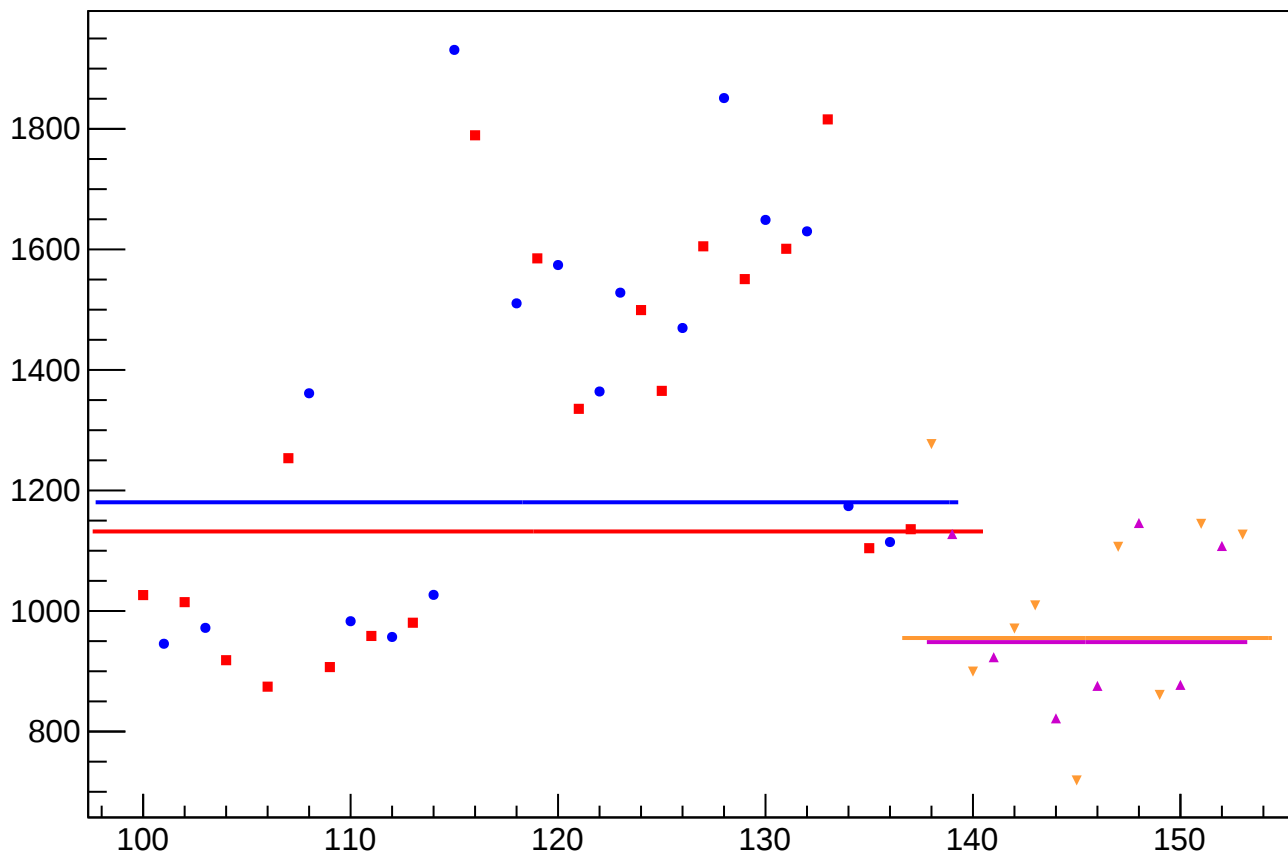
Right: 423.822 ± 320.162 $\chi^2/\text{NDF}: 39.5/35$

In: 392.828 ± 303.883 $\chi^2/\text{NDF}: 29.7/23$

Out: -486.242 ± 285.281 $\chi^2/\text{NDF}: 44.3/27$

All: -74.435 ± 207.989 $\chi^2/\text{NDF}: 78.5/51$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 955.184 $\pm$ 0.266 χ^2 /NDF: 397227.6/8

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 948.399 $\pm$ 0.282 χ^2 /NDF: 184733.8/6

Left: 951.988 $\pm$ 0.193 χ^2 /NDF: 582268.0/15

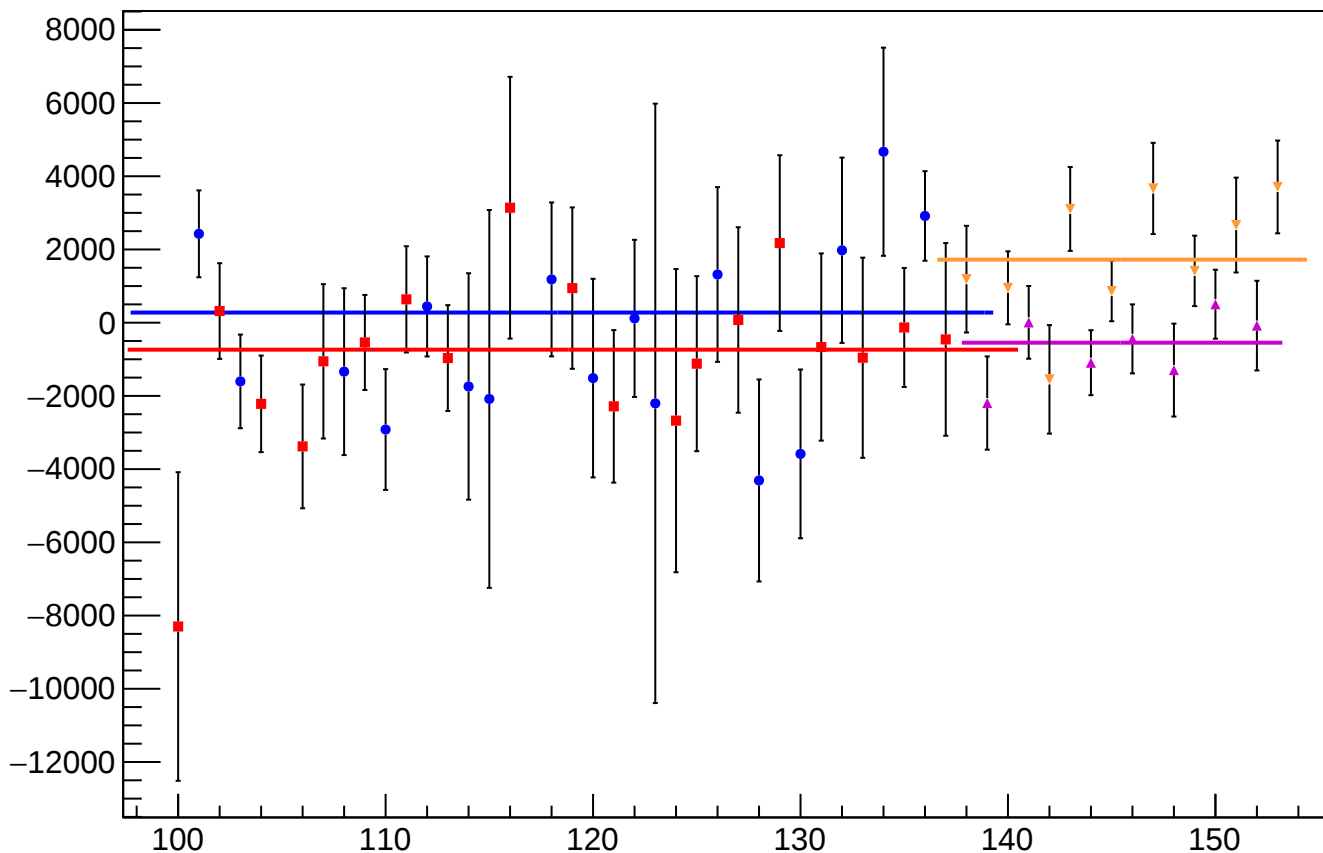
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1045.554 $\pm$ 0.215 χ^2 /NDF: 1137327.2/23

Out: 1030.306 $\pm$ 0.202 χ^2 /NDF: 1346826.7/27

All: 1037.449 $\pm$ 0.147 χ^2 /NDF: 2486830.6/51

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1722.047 $\pm$ 375.032 χ^2 /NDF:13.7/8

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -546.226 $\pm$ 394.071 χ^2 /NDF:4.1/6

Left: 644.027 $\pm$ 271.669 χ^2 /NDF: 35.2/15

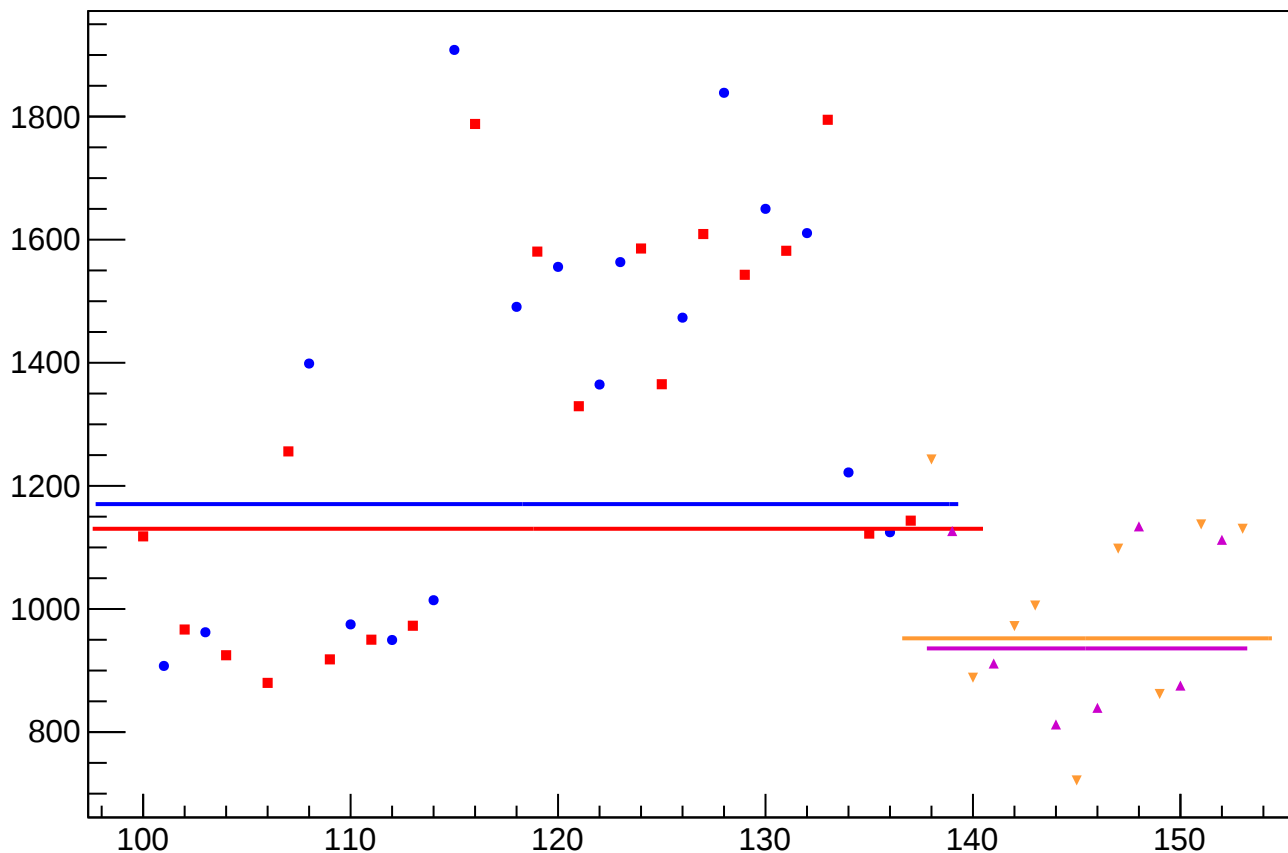
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -203.588 $\pm$ 301.018 χ^2 /NDF:30.2/23

Out: 680.432 $\pm$ 284.721 χ^2 /NDF:44.7/27

All: 262.999 $\pm$ 206.850 χ^2 /NDF: 79.5/51

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 952.331 $\pm$ 0.265 χ^2/NDF : 374683.6/8

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 935.951 $\pm$ 0.279 χ^2/NDF : 204267.9/6

Left: 944.547 $\pm$ 0.192 χ^2/NDF : 580764.7/15

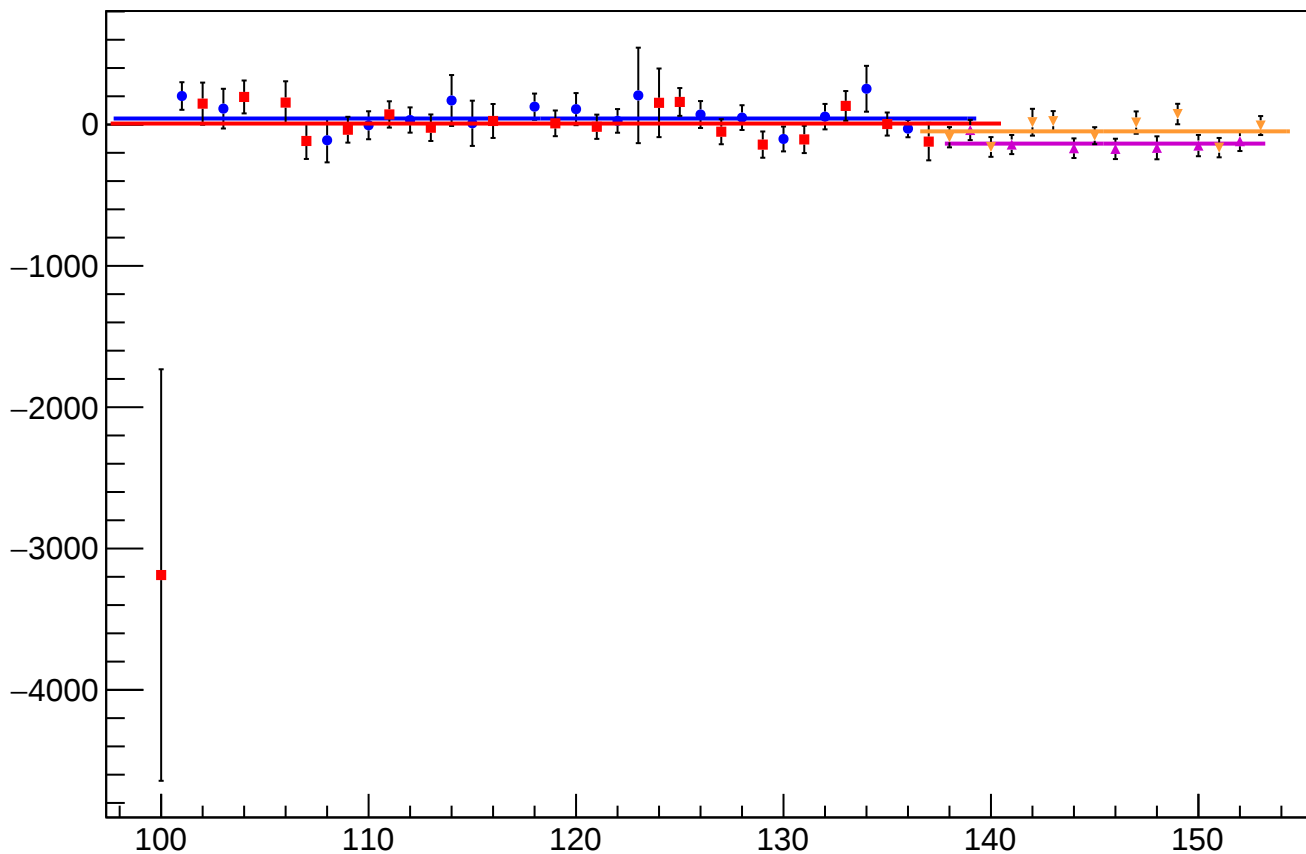
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1033.603 $\pm$ 0.213 χ^2/NDF : 1204613.7/23

Out: 1027.733 $\pm$ 0.201 χ^2/NDF : 1328570.0/27

All: 1030.505 $\pm$ 0.146 χ^2/NDF : 2533585.0/51

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -48.133 ± 23.762 $\chi^2/\text{NDF}: 11.3/8$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -134.894 ± 27.231 $\chi^2/\text{NDF}: 2.5/6$

Left: -85.639 ± 17.904 $\chi^2/\text{NDF}: 19.6/15$

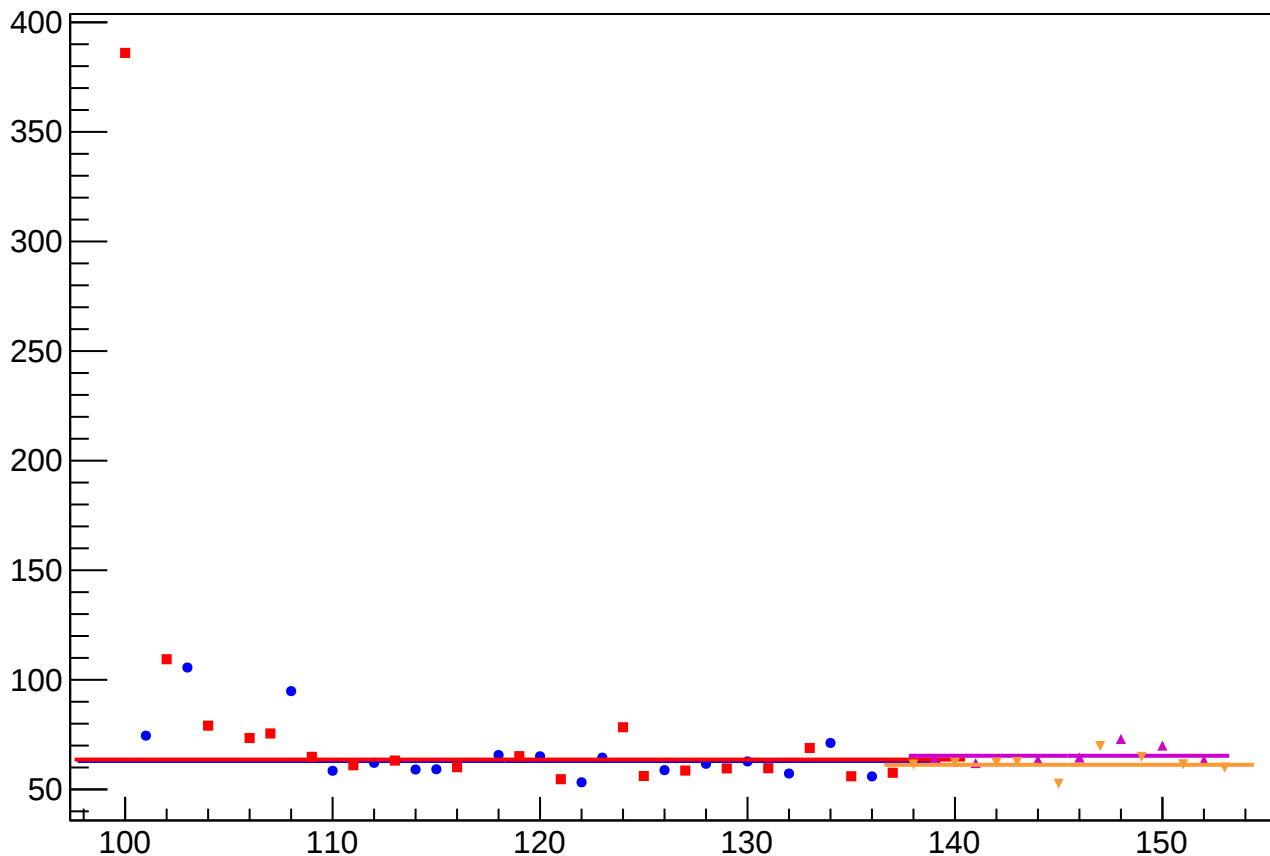
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -37.481 ± 18.295 $\chi^2/\text{NDF}: 37.9/23$

Out: -21.353 ± 17.053 $\chi^2/\text{NDF}: 34.5/27$

All: -28.851 ± 12.475 $\chi^2/\text{NDF}: 72.7/51$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 χ^2/NDF : 375263.3/16

Left Out: 61.233 ± 0.017 χ^2/NDF : 71658.8/8

Right Out: 63.613 ± 0.017 χ^2/NDF : 433549.0/18

Left In: 65.354 ± 0.019 χ^2/NDF : 34648.3/6

Left: 63.015 ± 0.013 χ^2/NDF : 132315.1/15

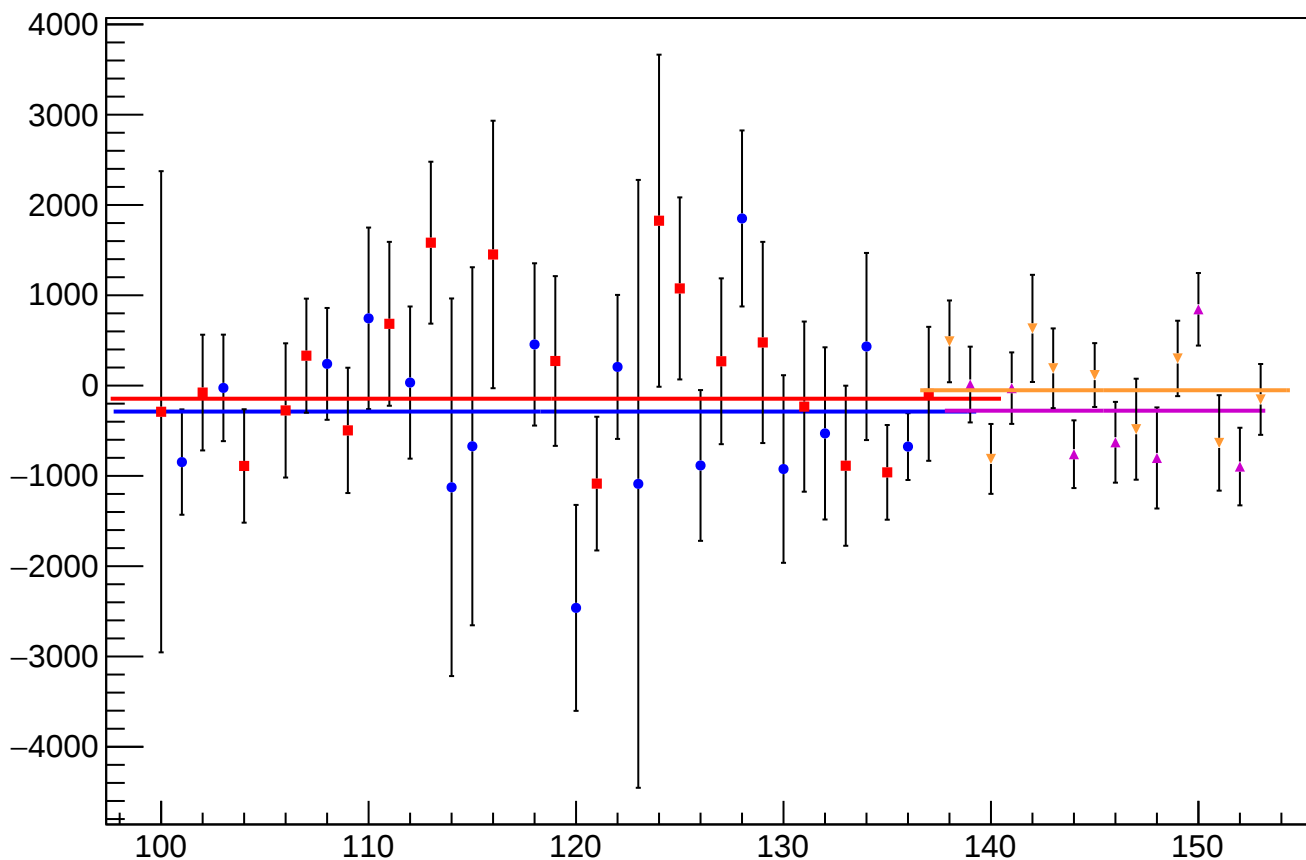
Right: 63.300 ± 0.012 χ^2/NDF : 809475.4/35

In: 64.052 ± 0.013 χ^2/NDF : 418252.5/23

Out: 62.387 ± 0.012 χ^2/NDF : 514941.0/27

All: 63.161 ± 0.009 χ^2/NDF : 942051.2/51

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -51.668 $\pm$ 146.589 χ^2 /NDF: 9.7/8

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -278.088 $\pm$ 160.178 χ^2 /NDF: 13.9/6

Left: -154.868 $\pm$ 108.140 χ^2 /NDF: 24.7/15

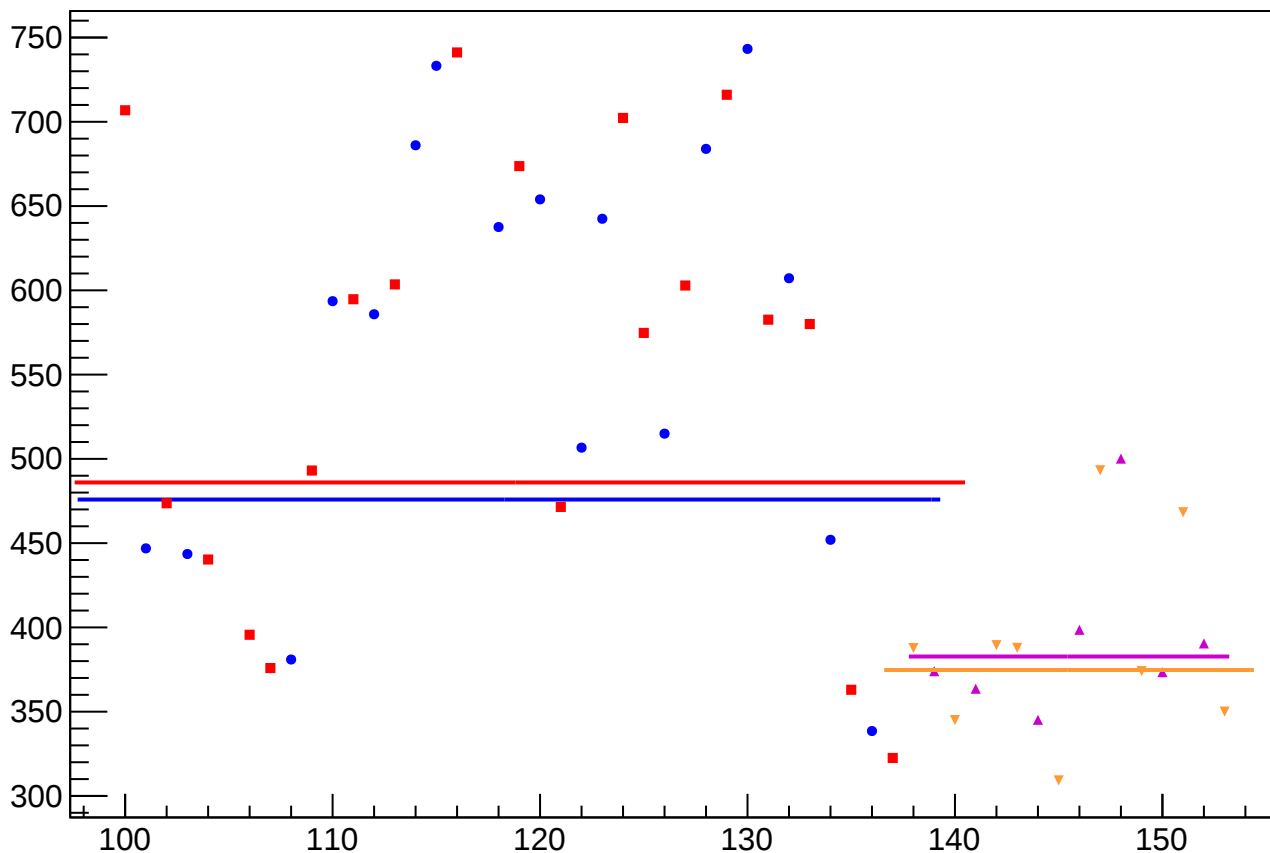
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -282.077 $\pm$ 122.435 χ^2 /NDF: 29.3/23

Out: -87.247 $\pm$ 115.441 χ^2 /NDF: 26.0/27

All: -178.938 $\pm$ 83.993 χ^2 /NDF: 56.6/51

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 374.732+/-0.104 χ^2/NDF : 245522.6/8

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 382.728+/-0.113 χ^2/NDF : 117851.1/6

Left: 378.376+/-0.076 χ^2/NDF : 366086.6/15

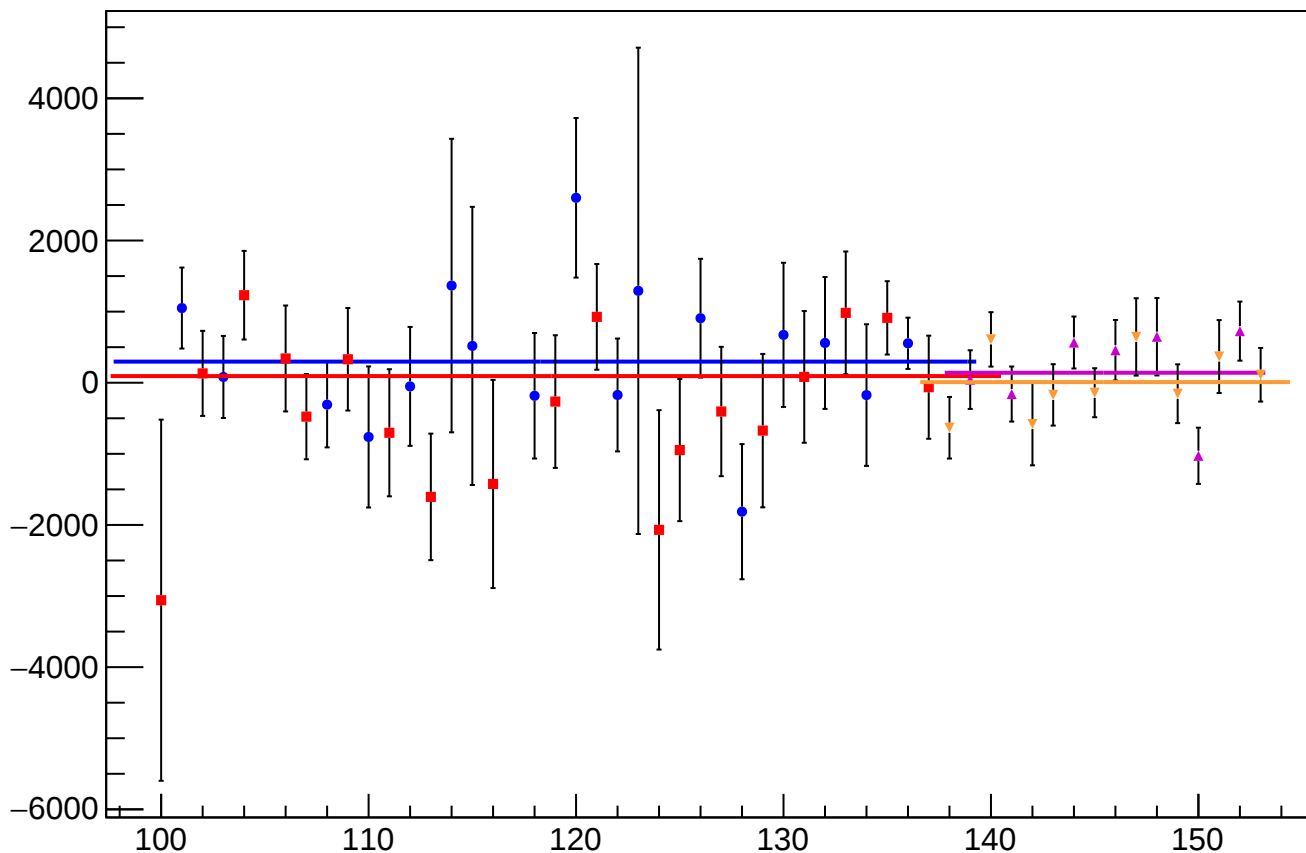
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 421.451+/-0.087 χ^2/NDF : 1236809.5/23

Out: 416.998+/-0.082 χ^2/NDF : 1413408.8/27

All: 419.094+/-0.059 χ^2/NDF : 2651618.7/51

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 8.769 $\pm$ 142.913 χ^2 /NDF: 8.1/8

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 140.430 $\pm$ 155.917 χ^2 /NDF: 14.1/6

Left: 68.881 $\pm$ 105.353 χ^2 /NDF: 22.7/15

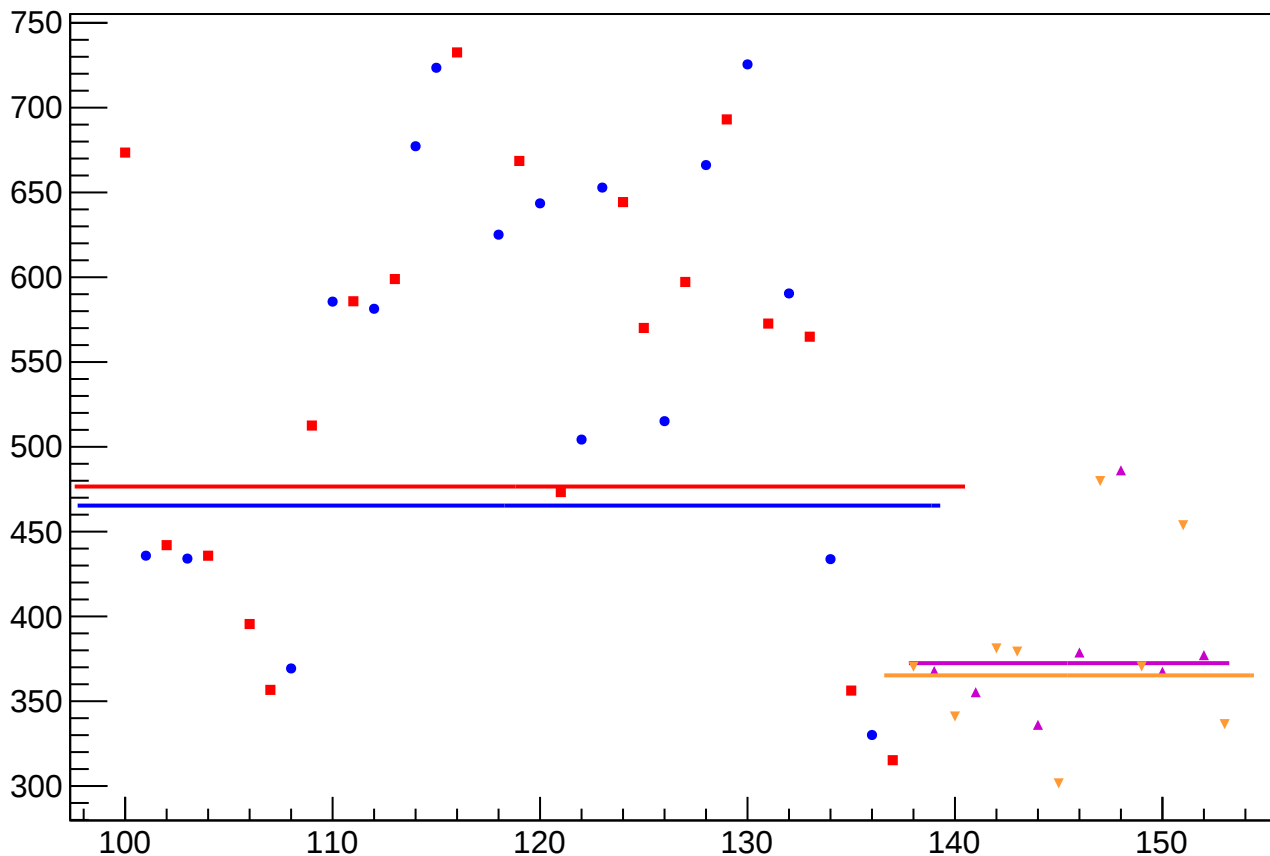
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 205.049 $\pm$ 119.482 χ^2 /NDF: 30.4/23

Out: 40.677 $\pm$ 112.848 χ^2 /NDF: 28.4/27

All: 118.174 $\pm$ 82.041 χ^2 /NDF: 59.8/51

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 365.234+/-0.101 χ^2/NDF : 240402.8/8

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 372.449+/-0.110 χ^2/NDF : 112311.4/6

Left: 368.528+/-0.074 χ^2/NDF : 355041.4/15

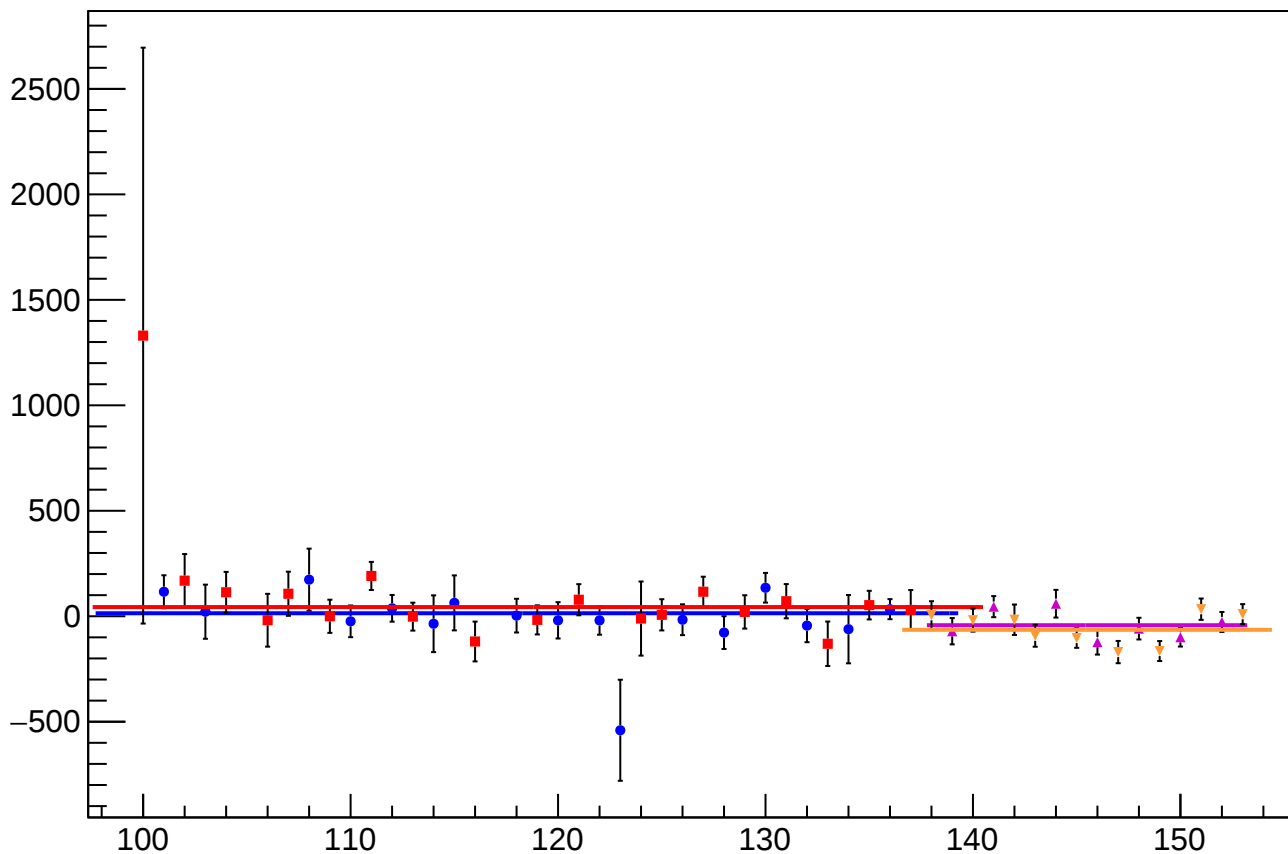
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 410.797+/-0.084 χ^2/NDF : 1265841.1/23

Out: 407.161+/-0.080 χ^2/NDF : 1450549.7/27

All: 408.875+/-0.058 χ^2/NDF : 2717369.6/51

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -64.333 ± 17.593 χ^2/NDF : 17.9/8

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -42.452 ± 19.944 χ^2/NDF : 9.4/6

Left: -54.758 ± 13.193 χ^2/NDF : 28.0/15

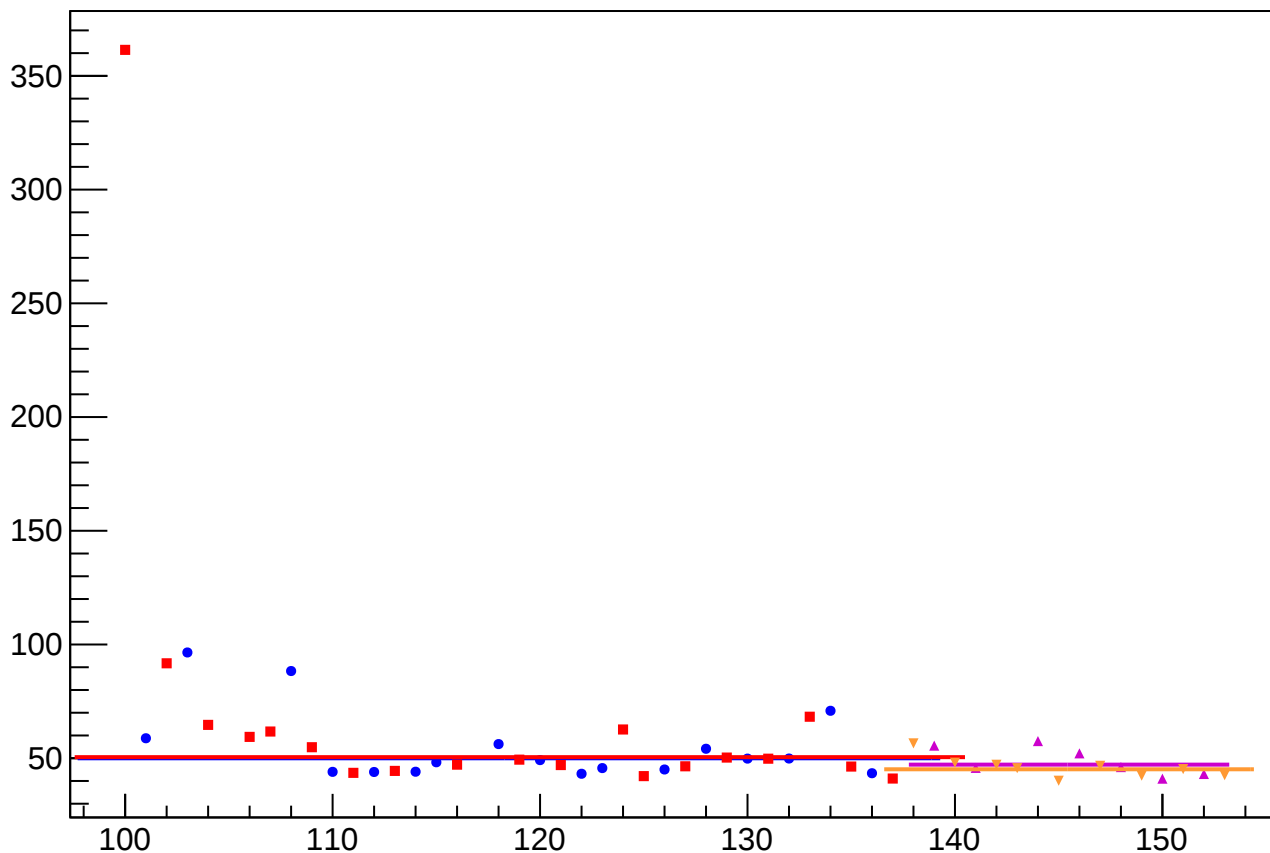
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -13.989 ± 14.075 χ^2/NDF : 28.3/23

Out: -16.304 ± 13.106 χ^2/NDF : 51.7/27

All: -15.229 ± 9.592 χ^2/NDF : 80.0/51

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 45.137+/-0.012 χ^2/NDF : 105098.6/8

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 47.182+/-0.014 χ^2/NDF : 156382.3/6

Left: 46.032+/-0.009 χ^2/NDF : 273311.6/15

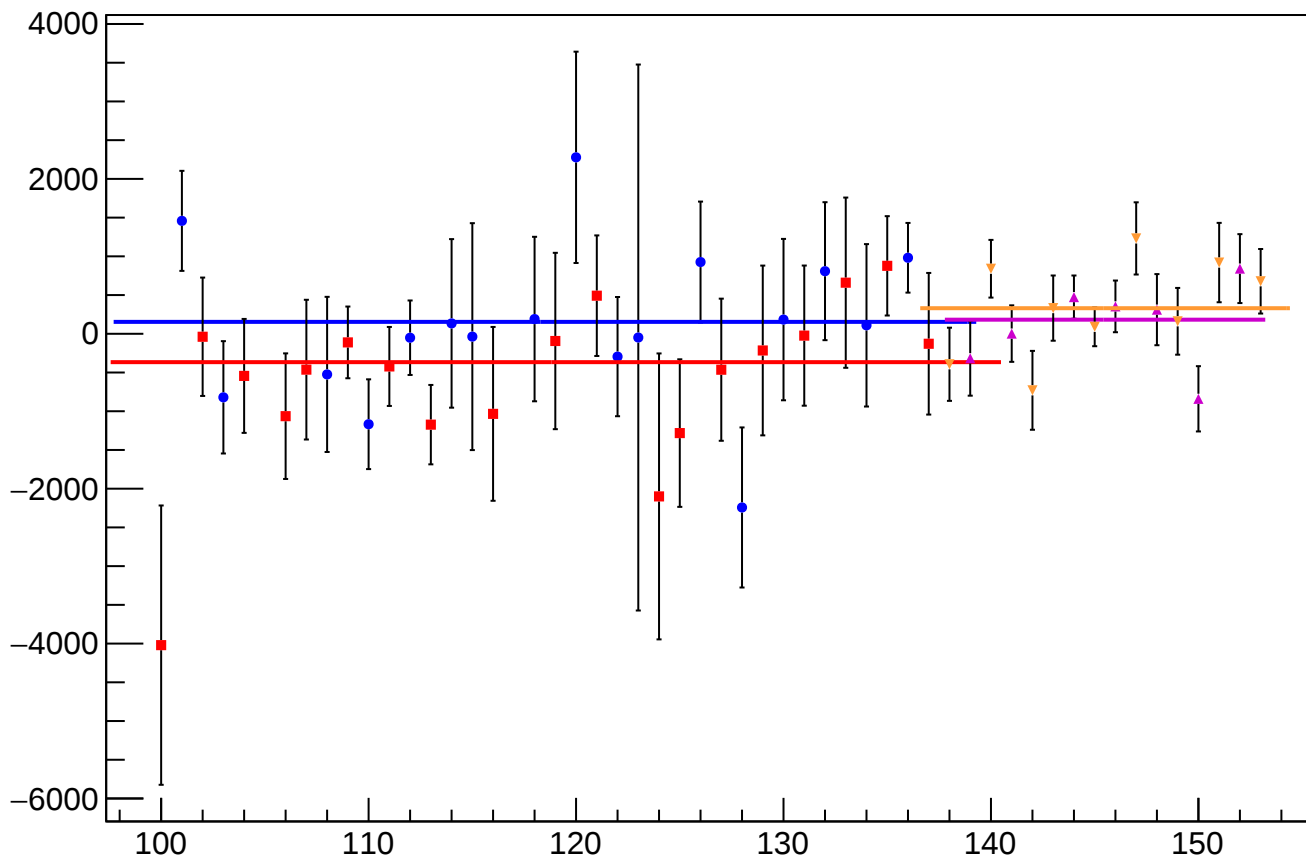
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 48.583+/-0.010 χ^2/NDF : 754794.1/23

Out: 47.511+/-0.009 χ^2/NDF : 758261.4/27

All: 48.009+/-0.007 χ^2/NDF : 1519270.1/51

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 330.314 $\pm$ 132.824 χ^2 /NDF:15.4/8

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 182.142 $\pm$ 142.767 χ^2 /NDF:10.8/6

Left: 261.567 $\pm$ 97.246 χ^2 /NDF: 26.8/15

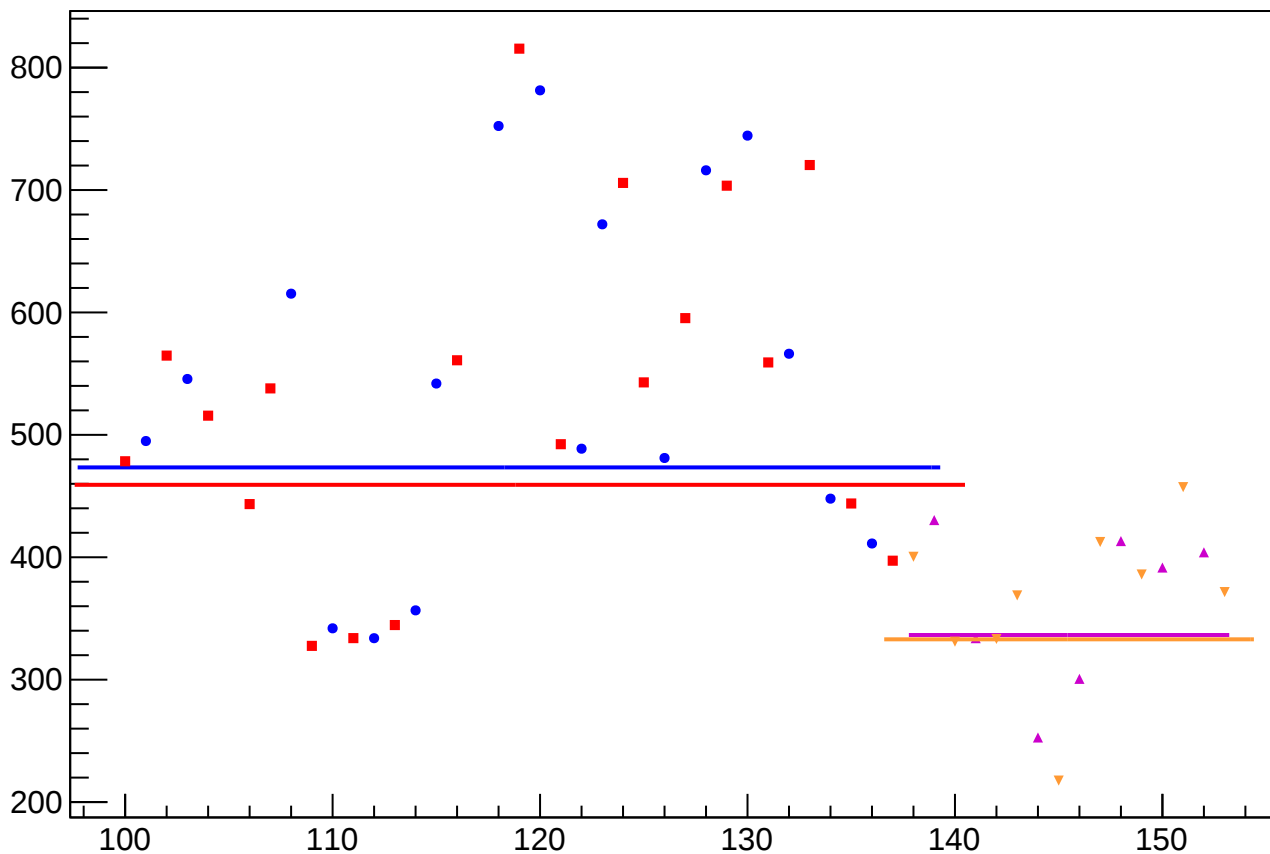
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 171.927 $\pm$ 114.128 χ^2 /NDF:35.6/23

Out: 82.793 $\pm$ 106.646 χ^2 /NDF:41.4/27

All: 124.343 $\pm$ 77.921 χ^2 /NDF: 77.3/51

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 332.958 $\pm$ 0.094 χ^2 /NDF: 703096.3/8

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 336.494 $\pm$ 0.101 χ^2 /NDF: 415014.0/6

Left: 334.599 $\pm$ 0.069 χ^2 /NDF: 1118767.8/15

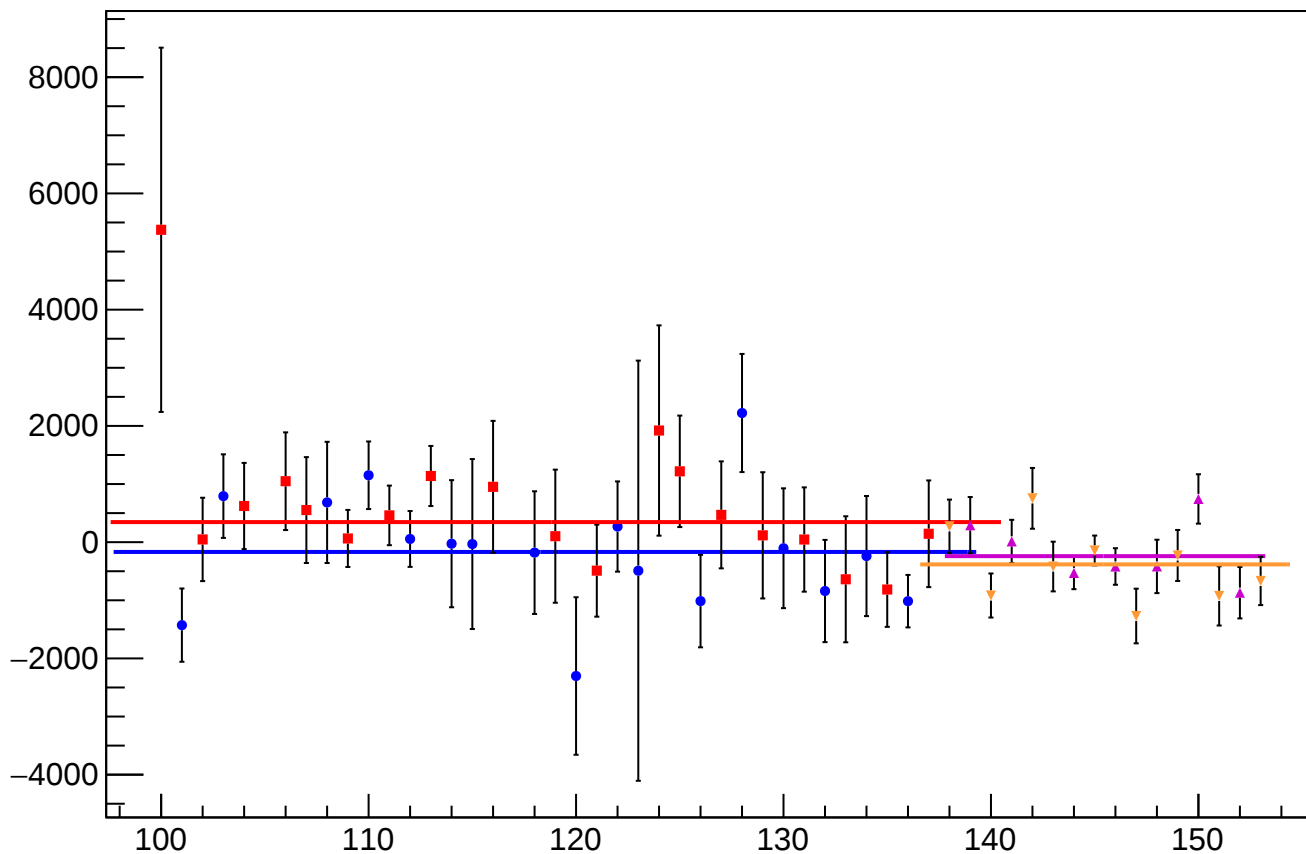
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 385.913 $\pm$ 0.081 χ^2 /NDF: 1993855.0/23

Out: 377.809 $\pm$ 0.075 χ^2 /NDF: 2351347.1/27

All: 381.586 $\pm$ 0.055 χ^2 /NDF: 4350585.5/51

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2/NDF : 25.4/16

Left Out: -382.464 $\pm$ 134.416 χ^2/NDF :14.9/8

Right Out: 345.481 $\pm$ 181.255 χ^2/NDF : 13.7/18

Left In: -240.318 $\pm$ 141.682 χ^2/NDF :10.6/6

Left: -315.129 $\pm$ 97.514 χ^2/NDF : 26.0/15

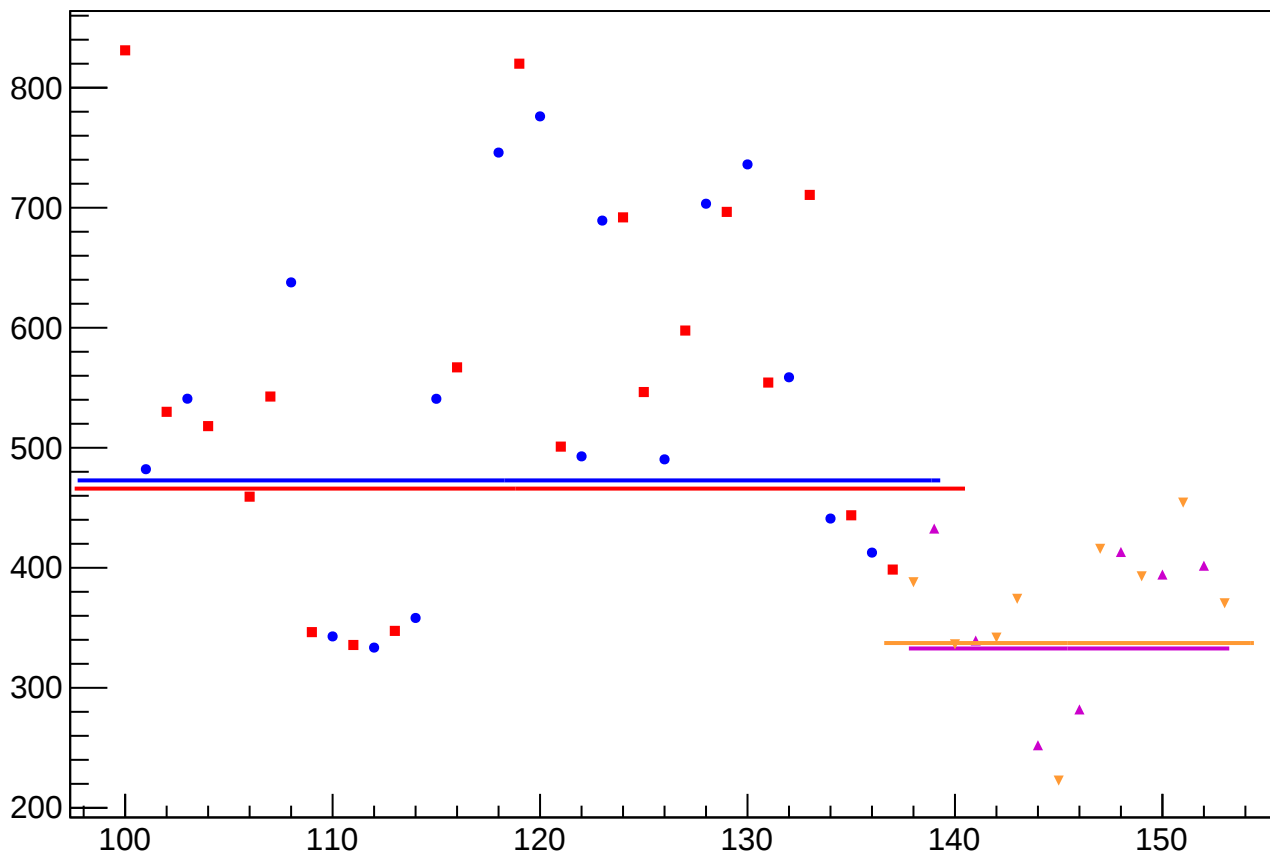
Right: 100.479 $\pm$ 131.070 χ^2/NDF : 43.0/35

In: -214.450 $\pm$ 113.528 χ^2/NDF :36.1/23

Out: -124.176 $\pm$ 107.968 χ^2/NDF :39.0/27

All: -167.049 $\pm$ 78.237 χ^2/NDF : 75.5/51

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 337.316 $\pm$ 0.095 χ^2/NDF : 643438.9/8

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 332.780 $\pm$ 0.100 χ^2/NDF : 455883.8/6

Left: 335.167 $\pm$ 0.069 χ^2/NDF : 1100401.3/15

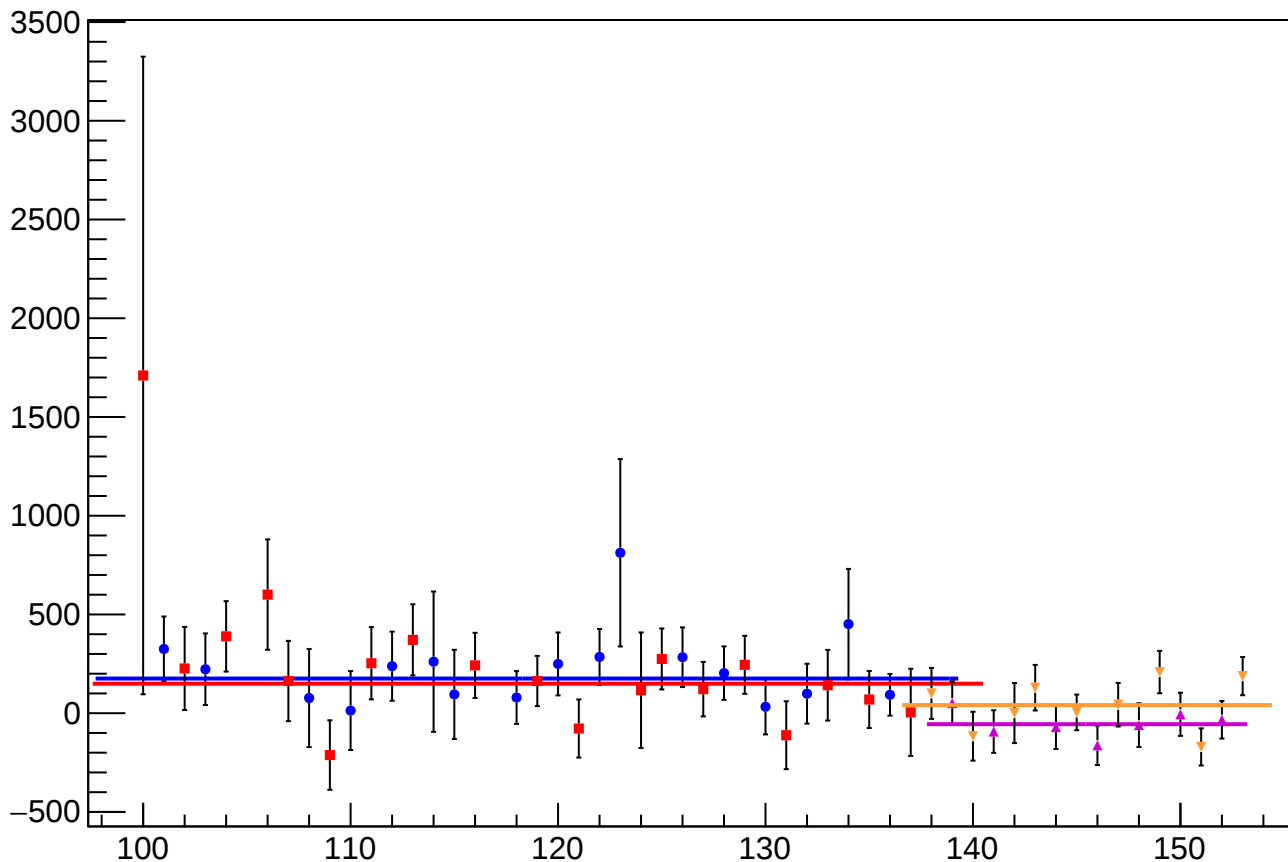
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 382.905 $\pm$ 0.080 χ^2/NDF : 2051628.9/23

Out: 382.970 $\pm$ 0.076 χ^2/NDF : 2235738.2/27

All: 382.940 $\pm$ 0.055 χ^2/NDF : 4287367.5/51

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 41.017 ± 36.387 χ^2/NDF : 12.5/8

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -55.715 ± 40.027 χ^2/NDF : 2.5/6

Left: -2.753 ± 26.925 χ^2/NDF : 18.1/15

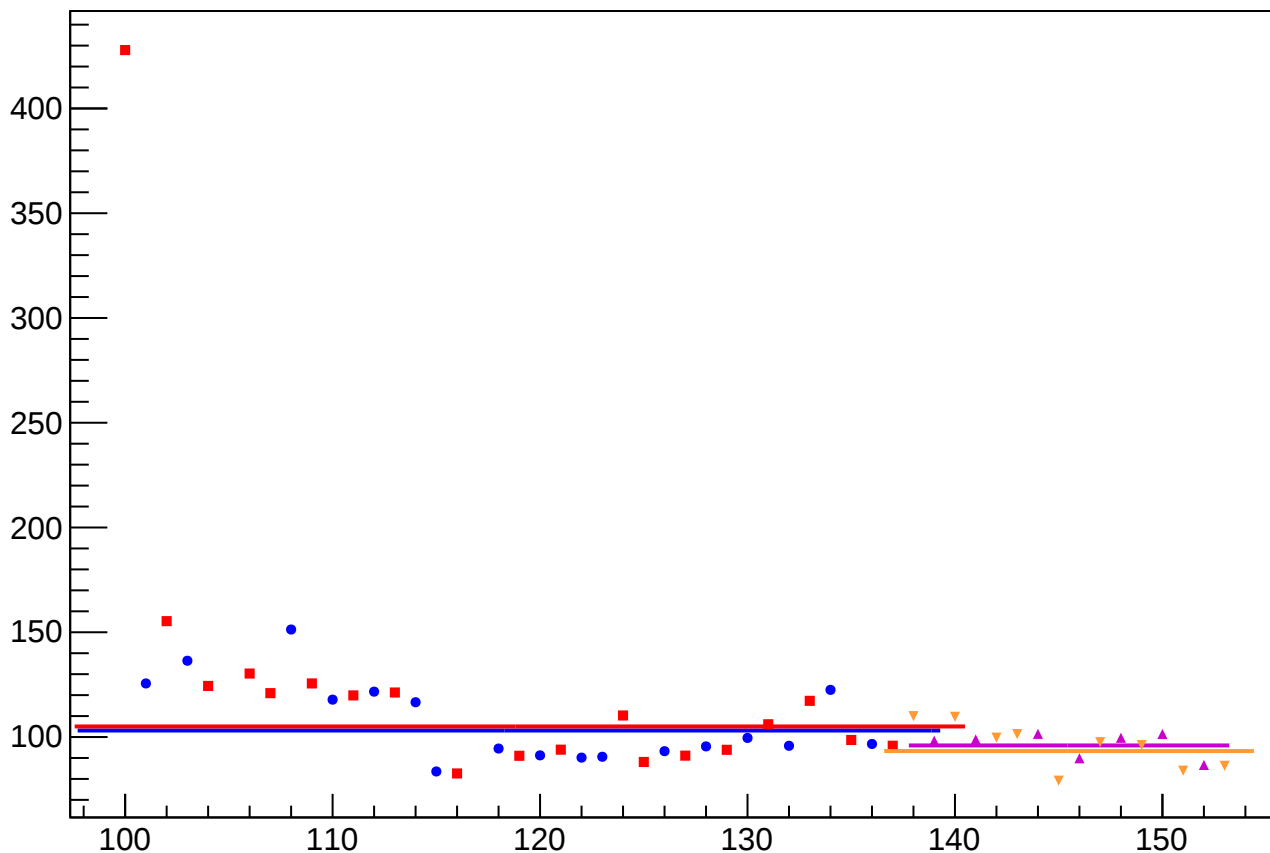
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 58.922 ± 28.420 χ^2/NDF : 27.6/23

Out: 89.676 ± 27.013 χ^2/NDF : 34.9/27

All: 75.079 ± 19.580 χ^2/NDF : 63.1/51

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 93.305 $\pm$ 0.026 χ^2/NDF : 165483.7/8

Right Out: 105.045 $\pm$ 0.029 χ^2/NDF : 448699.0/18

Left In: 95.982 $\pm$ 0.028 χ^2/NDF : 40993.2/6

Left: 94.516 $\pm$ 0.019 χ^2/NDF : 211374.7/15

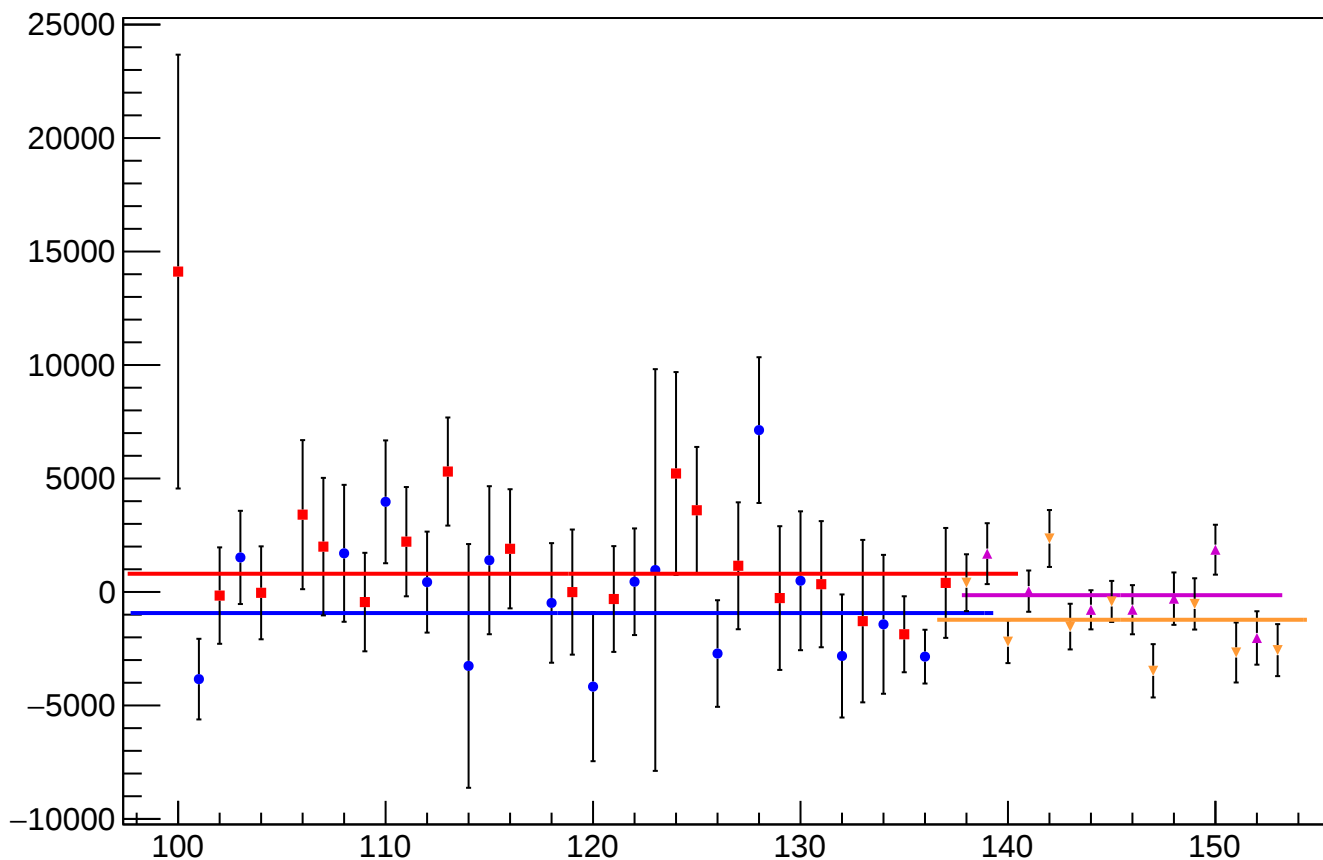
Right: 104.080 $\pm$ 0.020 χ^2/NDF : 757434.4/35

In: 99.517 $\pm$ 0.020 χ^2/NDF : 378905.1/23

Out: 98.575 $\pm$ 0.019 χ^2/NDF : 707647.1/27

All: 99.022 $\pm$ 0.014 χ^2/NDF : 1087708.1/51

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1224.703 $\pm$ 366.418 χ^2 /NDF:18.4/8

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -141.539 $\pm$ 399.580 χ^2 /NDF:8.7/6

Left: -729.926 $\pm$ 270.061 χ^2 /NDF: 31.1/15

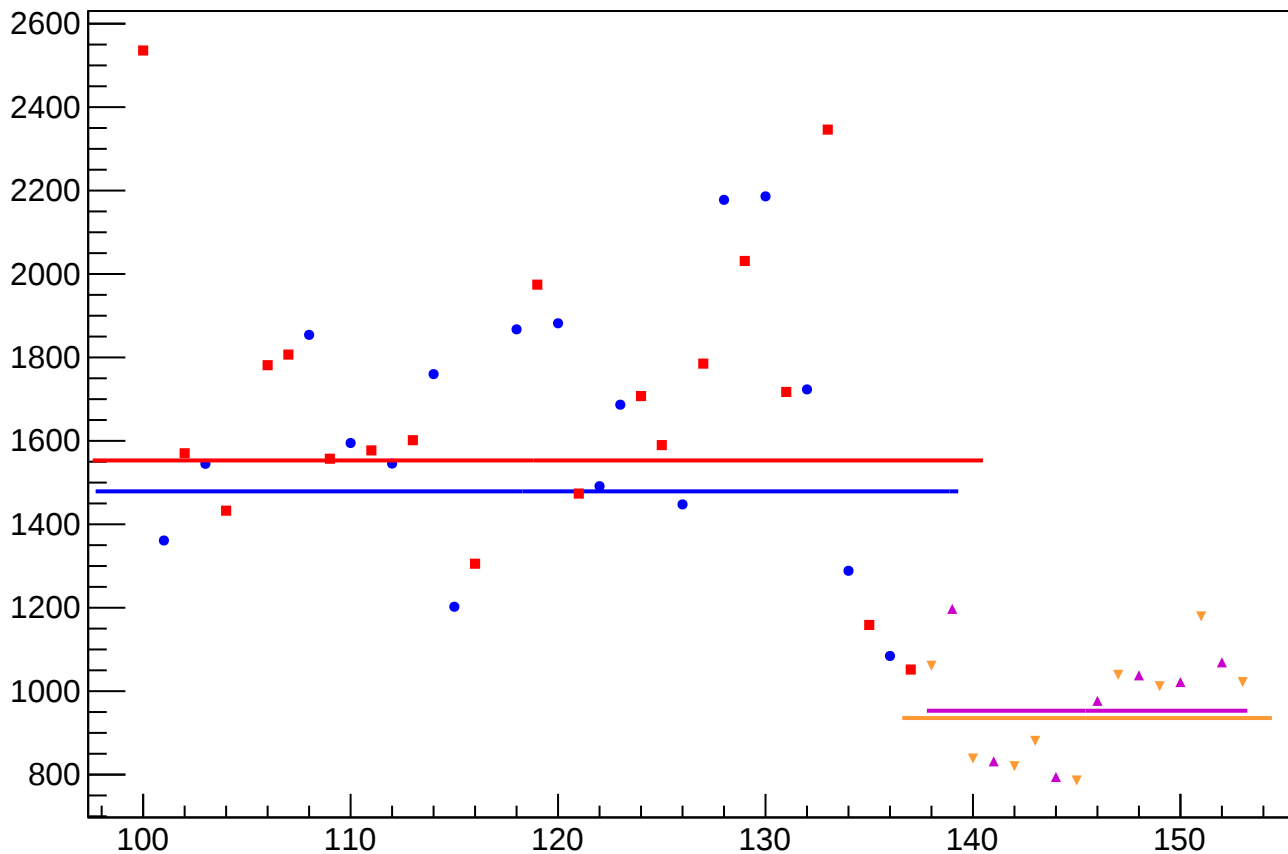
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -390.883 $\pm$ 330.307 χ^2 /NDF:30.8/23

Out: -665.575 $\pm$ 311.829 χ^2 /NDF:39.7/27

All: -536.127 $\pm$ 226.748 χ^2 /NDF: 70.9/51

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 935.603+/-0.259 χ^2/NDF : 222815.9/8

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 953.108+/-0.283 χ^2/NDF : 208637.4/6

Left: 943.599+/-0.191 χ^2/NDF : 433538.2/15

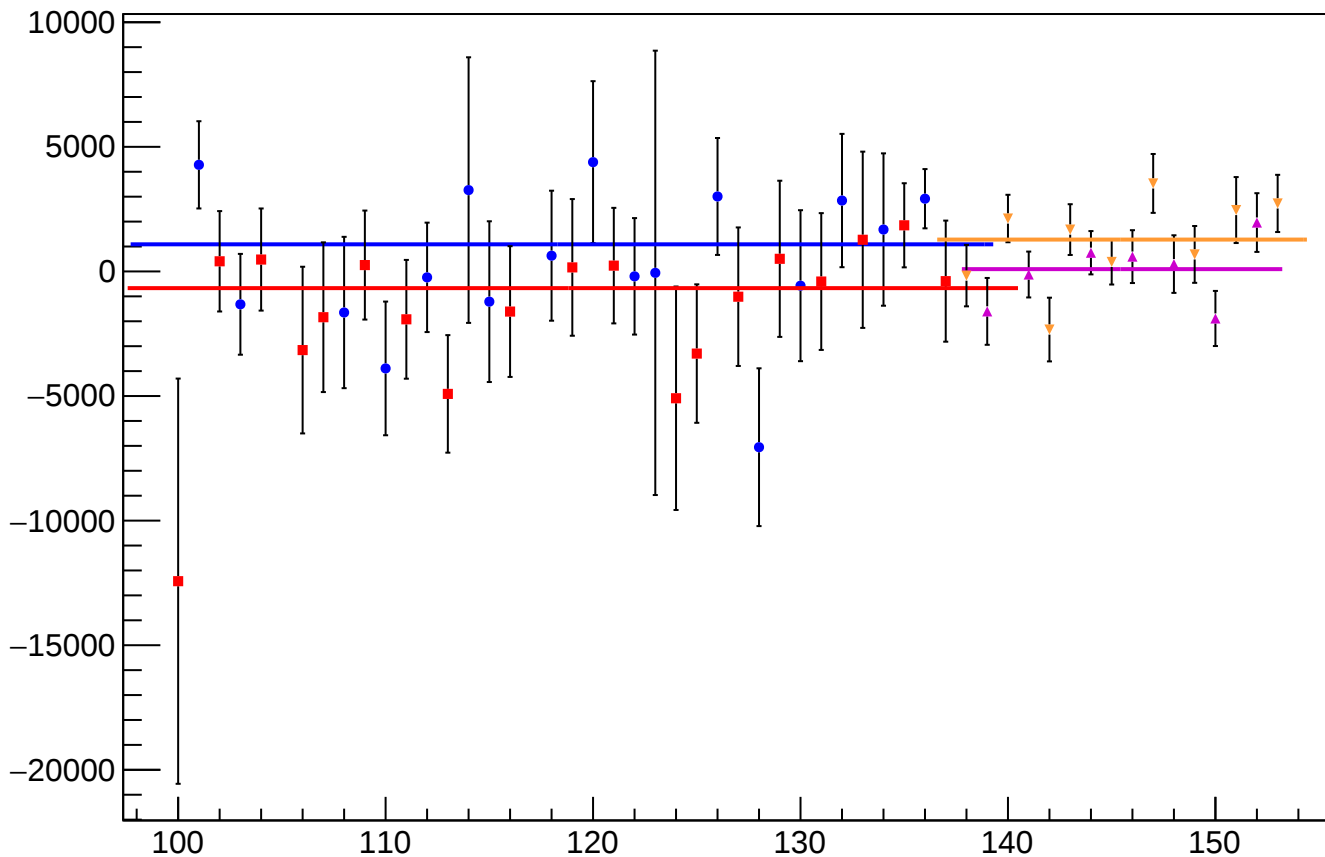
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1119.640+/-0.234 χ^2/NDF : 1895265.6/23

Out: 1105.880+/-0.220 χ^2/NDF : 2272799.9/27

All: 1112.364+/-0.160 χ^2/NDF : 4169900.6/51

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1278.481 $\pm$ 368.403 χ^2 /NDF:17.6/8

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 92.370 $\pm$ 400.442 χ^2 /NDF:8.2/6

Left: 734.767 $\pm$ 271.120 χ^2 /NDF: 30.5/15

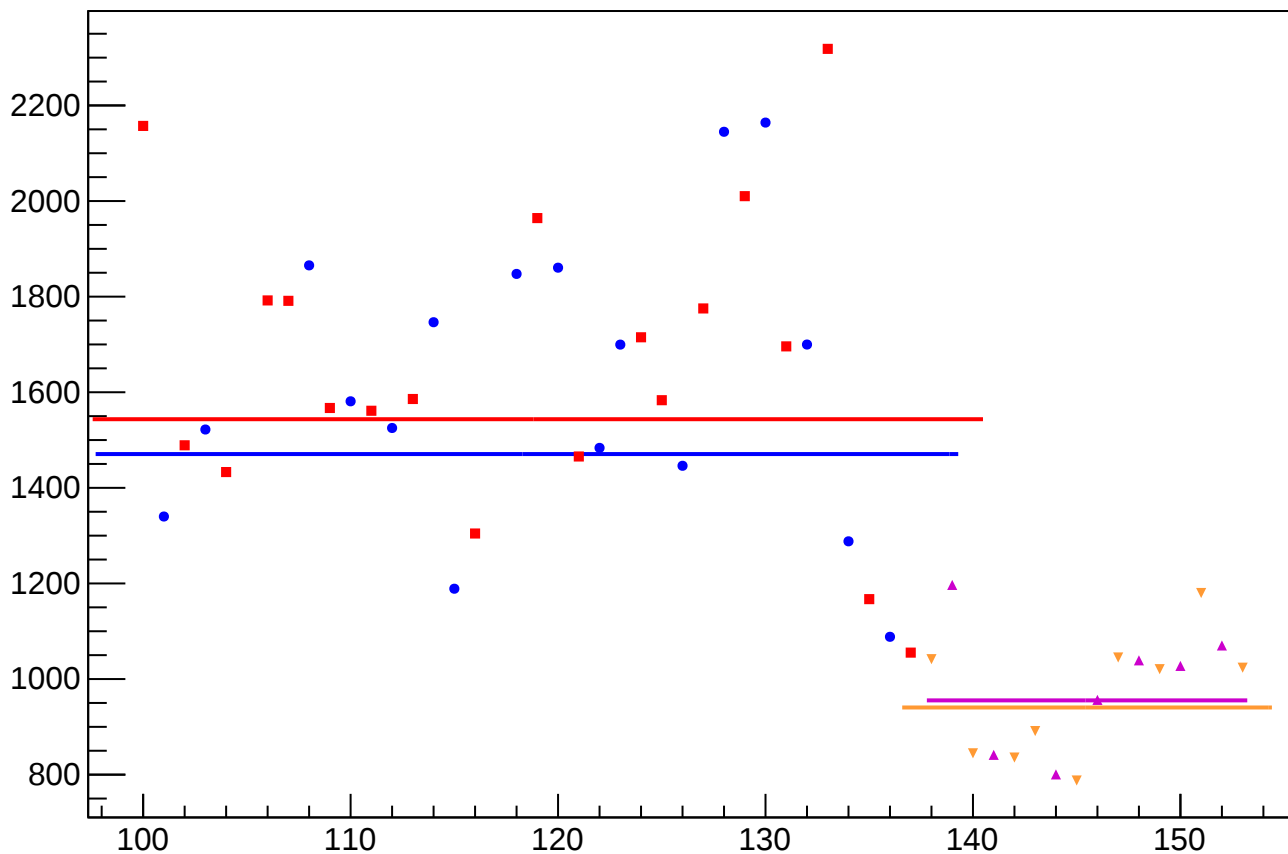
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 411.274 $\pm$ 330.138 χ^2 /NDF:32.0/23

Out: 731.834 $\pm$ 312.486 χ^2 /NDF:37.5/27

All: 580.353 $\pm$ 226.945 χ^2 /NDF: 70.0/51

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 940.505 $\pm$ 0.261 χ^2/NDF :210120.8/8

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 955.375 $\pm$ 0.283 χ^2/NDF :197037.5/6

Left: 947.321 $\pm$ 0.192 χ^2/NDF : 408651.9/15

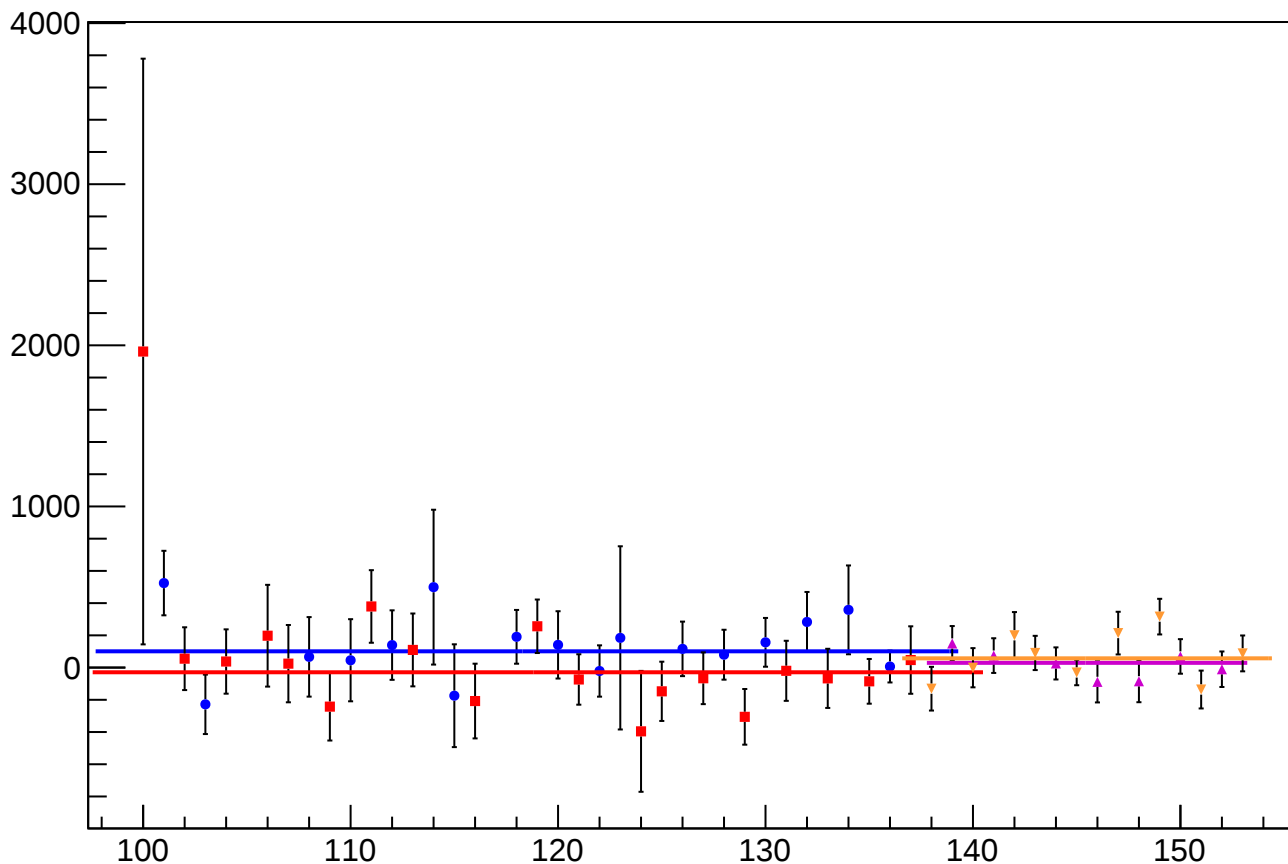
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1120.432 $\pm$ 0.233 χ^2/NDF :1825611.4/23

Out: 1109.685 $\pm$ 0.221 χ^2/NDF :2167897.8/27

All: 1114.764 $\pm$ 0.160 χ^2/NDF : 3994627.1/51

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 57.417 ± 37.496 $\chi^2/\text{NDF}: 14.2/8$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 29.372 ± 42.177 $\chi^2/\text{NDF}: 3.3/6$

Left: 45.037 ± 28.023 $\chi^2/\text{NDF}: 17.7/15$

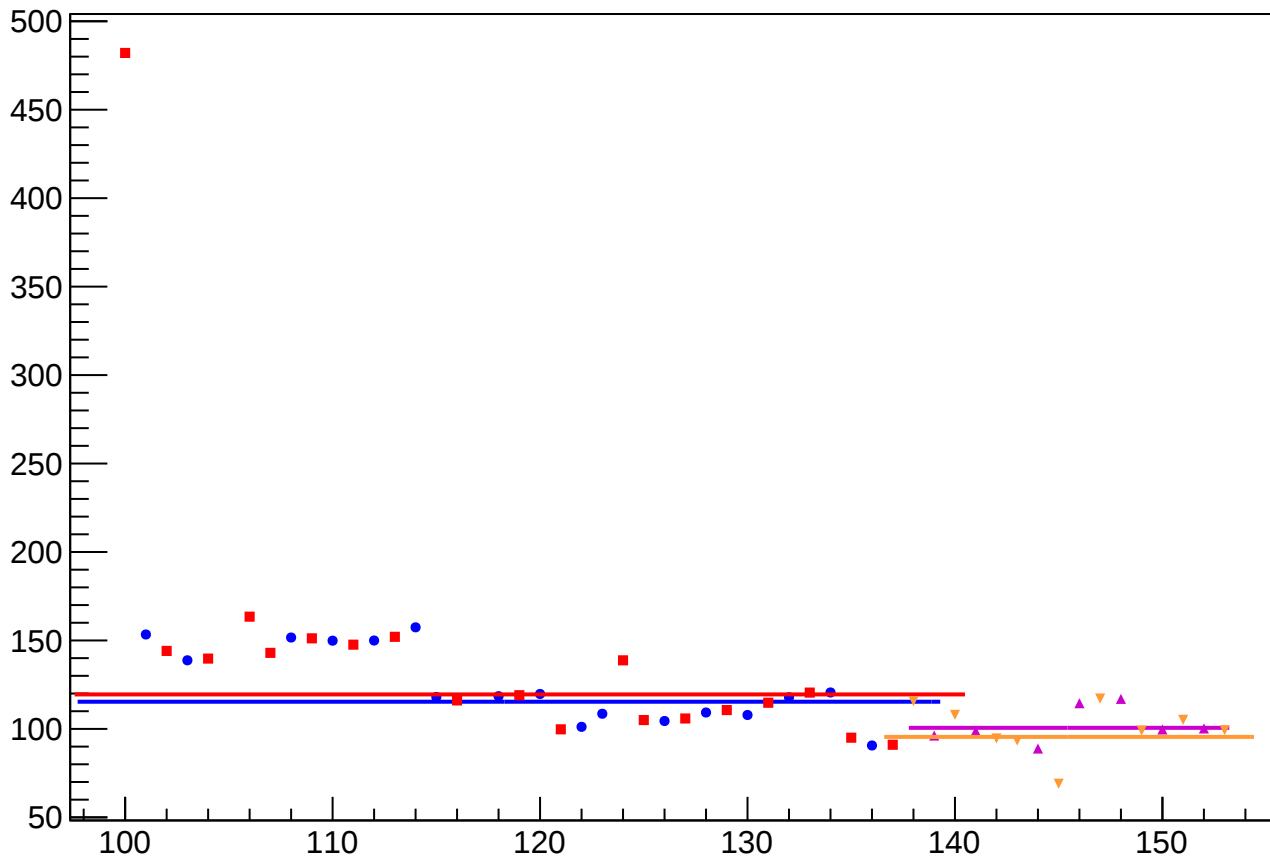
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 62.607 ± 30.864 $\chi^2/\text{NDF}: 17.7/23$

Out: 22.582 ± 28.987 $\chi^2/\text{NDF}: 31.0/27$

All: 41.341 ± 21.129 $\chi^2/\text{NDF}: 49.6/51$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 95.488 $\pm$ 0.027 χ^2/NDF : 362389.4/8

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 100.613 $\pm$ 0.030 χ^2/NDF : 86913.1/6

Left: 97.750 $\pm$ 0.020 χ^2/NDF : 465799.4/15

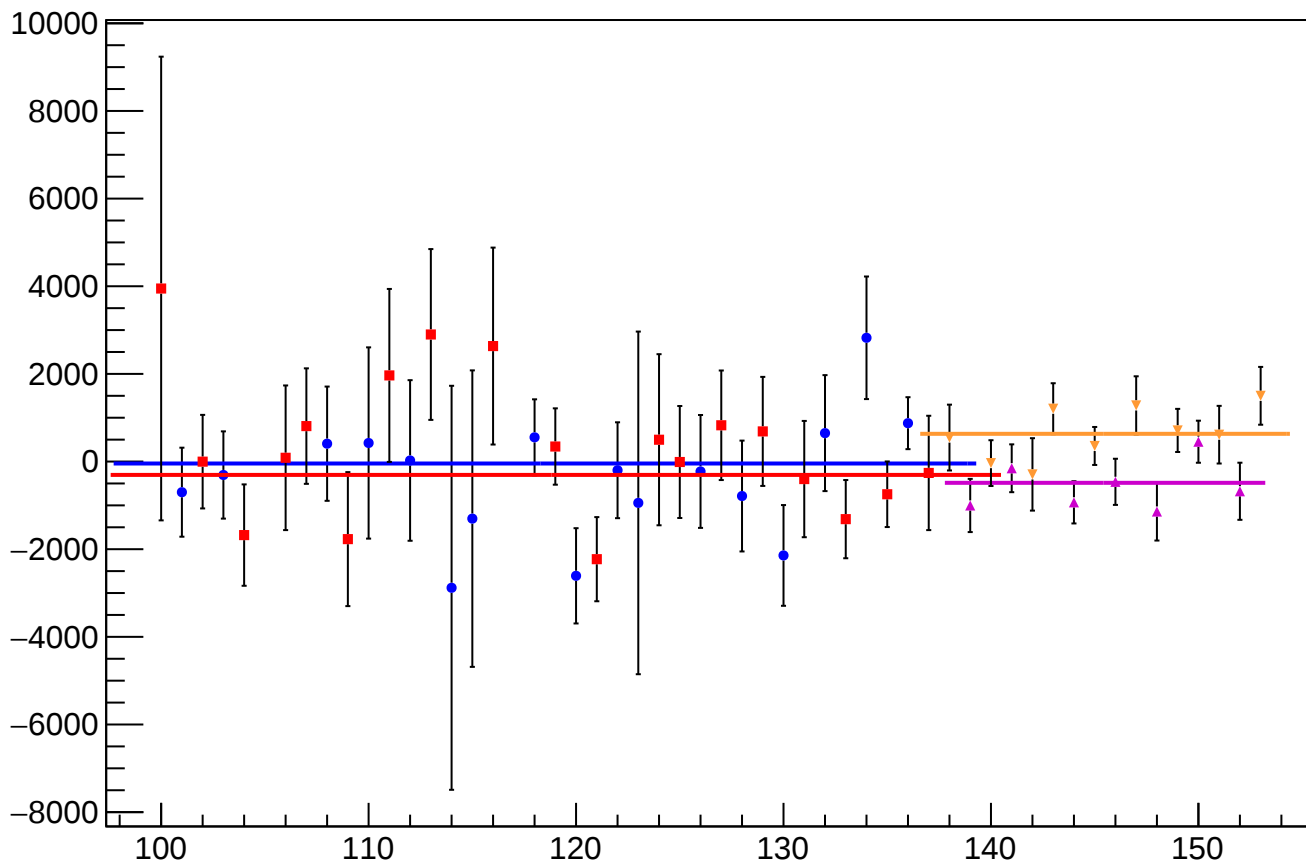
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 107.466 $\pm$ 0.022 χ^2/NDF : 611950.2/23

Out: 105.147 $\pm$ 0.020 χ^2/NDF : 1170178.6/27

All: 106.234 $\pm$ 0.015 χ^2/NDF : 1788131.2/51

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 632.703 ± 195.396 χ^2/NDF : 7.0/8

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -485.457 ± 208.650 χ^2/NDF : 6.8/6

Left: 110.261 ± 142.621 χ^2/NDF : 29.1/15

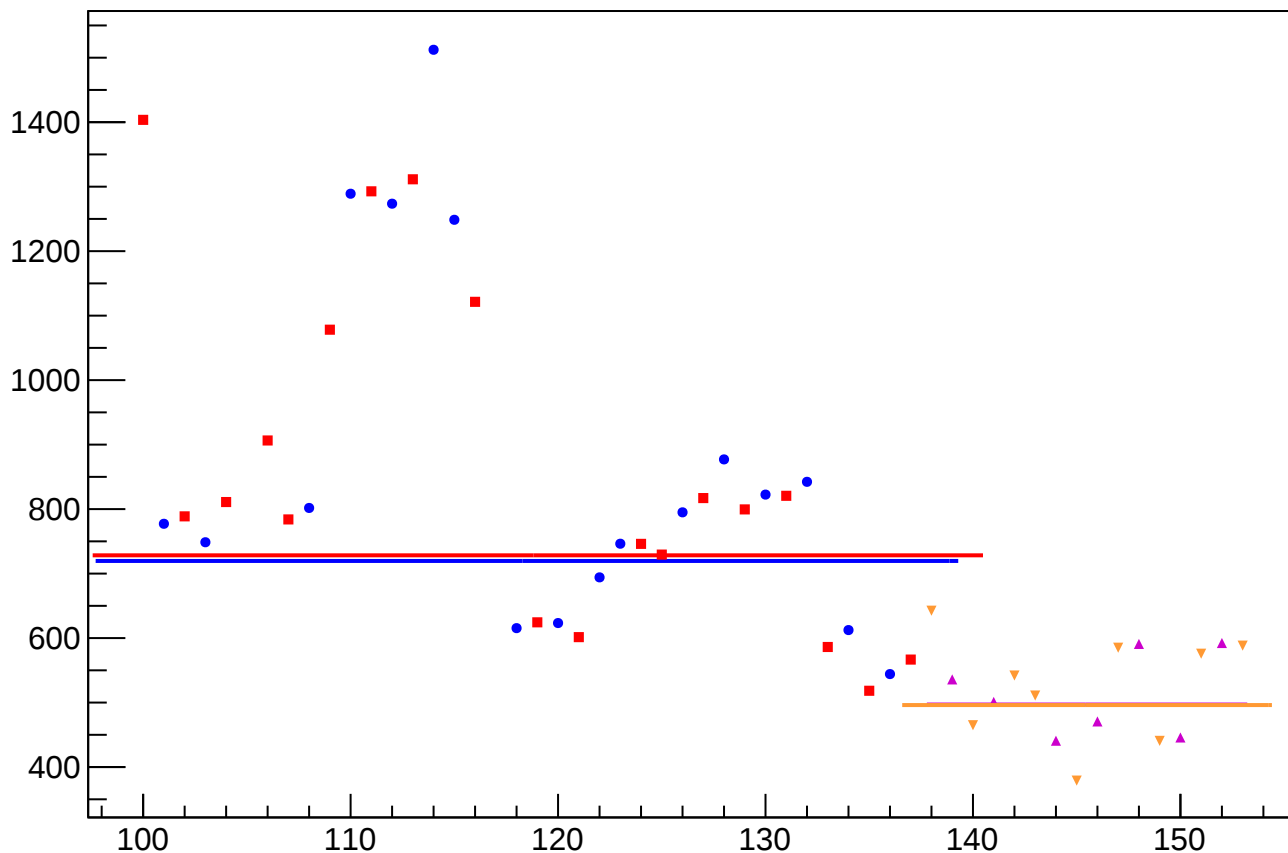
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -332.504 ± 168.618 χ^2/NDF : 26.3/23

Out: 329.635 ± 160.740 χ^2/NDF : 31.9/27

All: 14.396 ± 116.346 χ^2/NDF : 66.2/51

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 496.138 $\pm$ 0.138 χ^2 /NDF: 366396.2/8

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 496.969 $\pm$ 0.148 χ^2 /NDF: 146290.9/6

Left: 496.526 $\pm$ 0.101 χ^2 /NDF: 512704.0/15

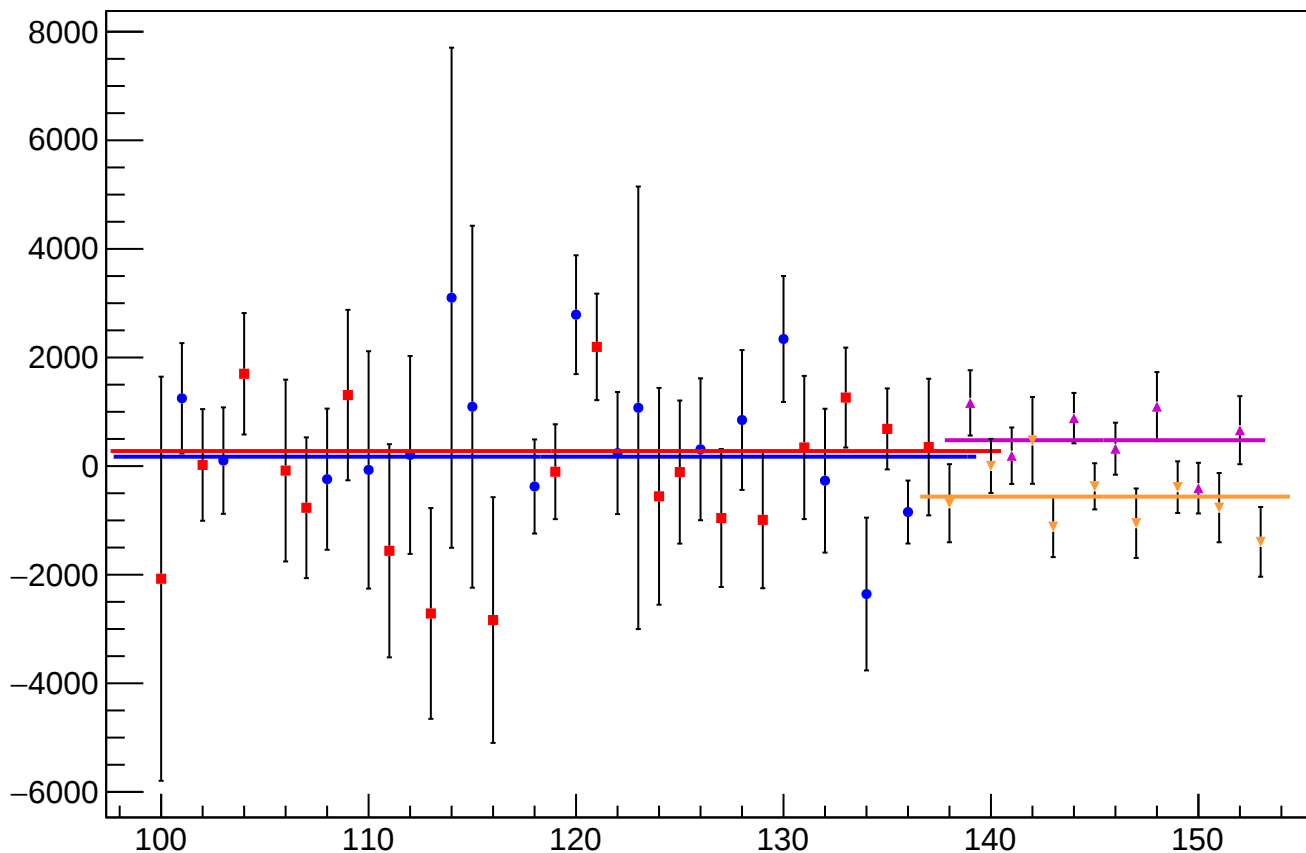
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 574.204 $\pm$ 0.119 χ^2 /NDF: 1683195.2/23

Out: 571.199 $\pm$ 0.114 χ^2 /NDF: 2193051.0/27

All: 572.630 $\pm$ 0.082 χ^2 /NDF: 3876578.8/51

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -561.691 $\pm$ 188.990 χ^2 /NDF:6.7/8

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 476.950 $\pm$ 199.731 χ^2 /NDF:7.1/6

Left: -71.046 $\pm$ 137.276 χ^2 /NDF: 28.0/15

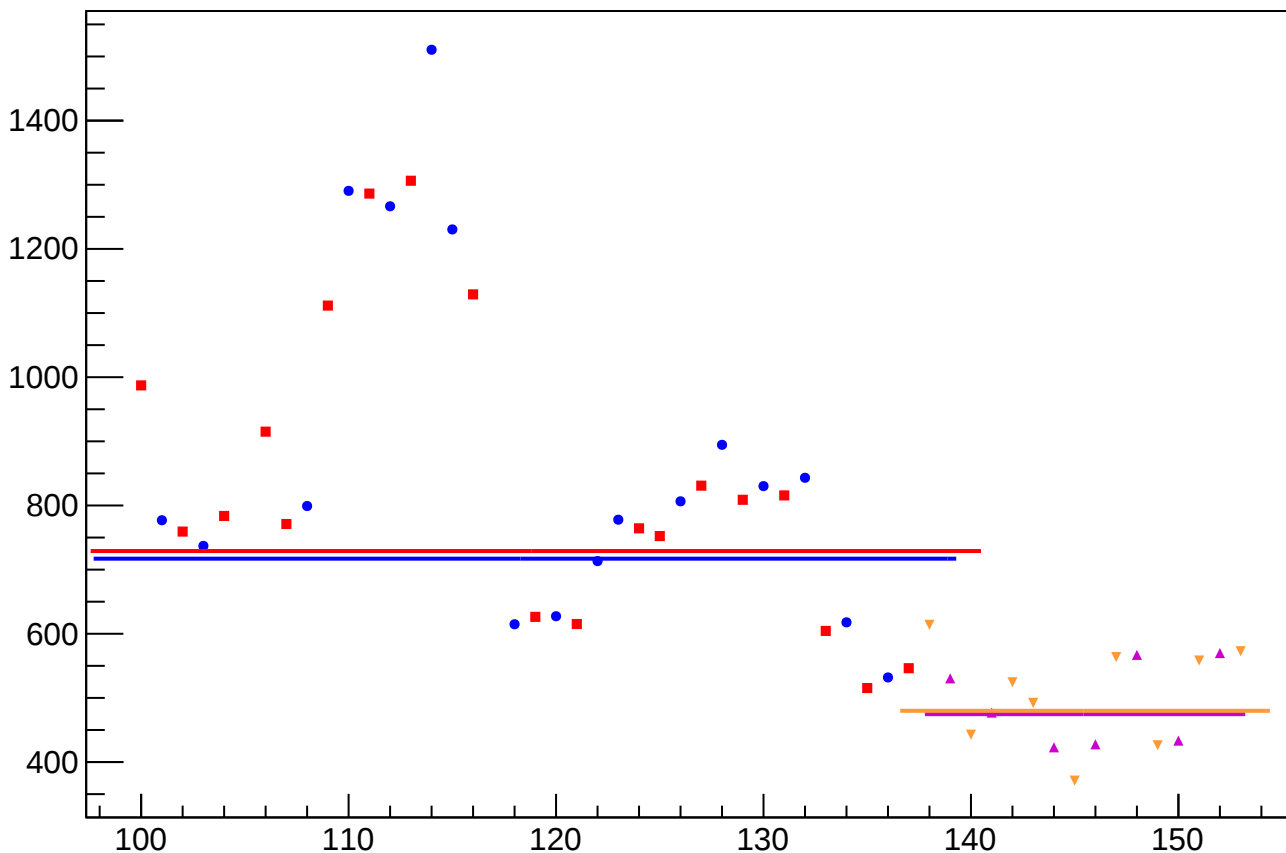
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 377.214 $\pm$ 163.690 χ^2 /NDF:26.0/23

Out: -302.628 $\pm$ 157.119 χ^2 /NDF:28.8/27

All: 23.374 $\pm$ 113.352 χ^2 /NDF: 63.7/51

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 479.921+/-0.134 χ^2/NDF : 350831.8/8

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 474.689+/-0.141 χ^2/NDF : 165344.0/6

Left: 477.450+/-0.097 χ^2/NDF : 516899.6/15

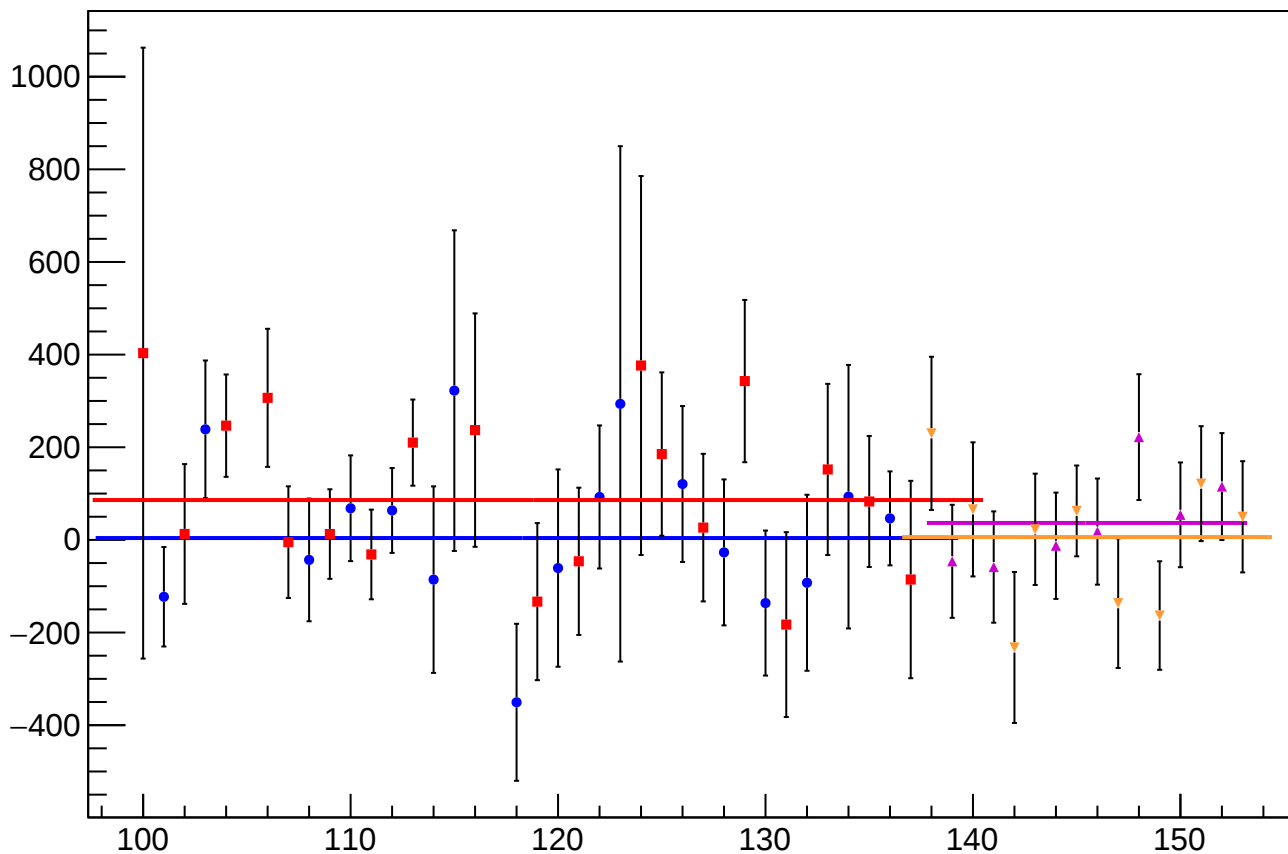
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 554.274+/-0.116 χ^2/NDF : 1914937.3/23

Out: 556.842+/-0.111 χ^2/NDF : 2314351.3/27

All: 555.611+/-0.080 χ^2/NDF : 4229544.8/51

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 6.102 ± 42.502 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 36.583 ± 44.905 $\chi^2/\text{NDF}: 3.6/6$

Left: 20.505 ± 30.868 $\chi^2/\text{NDF}: 12.5/15$

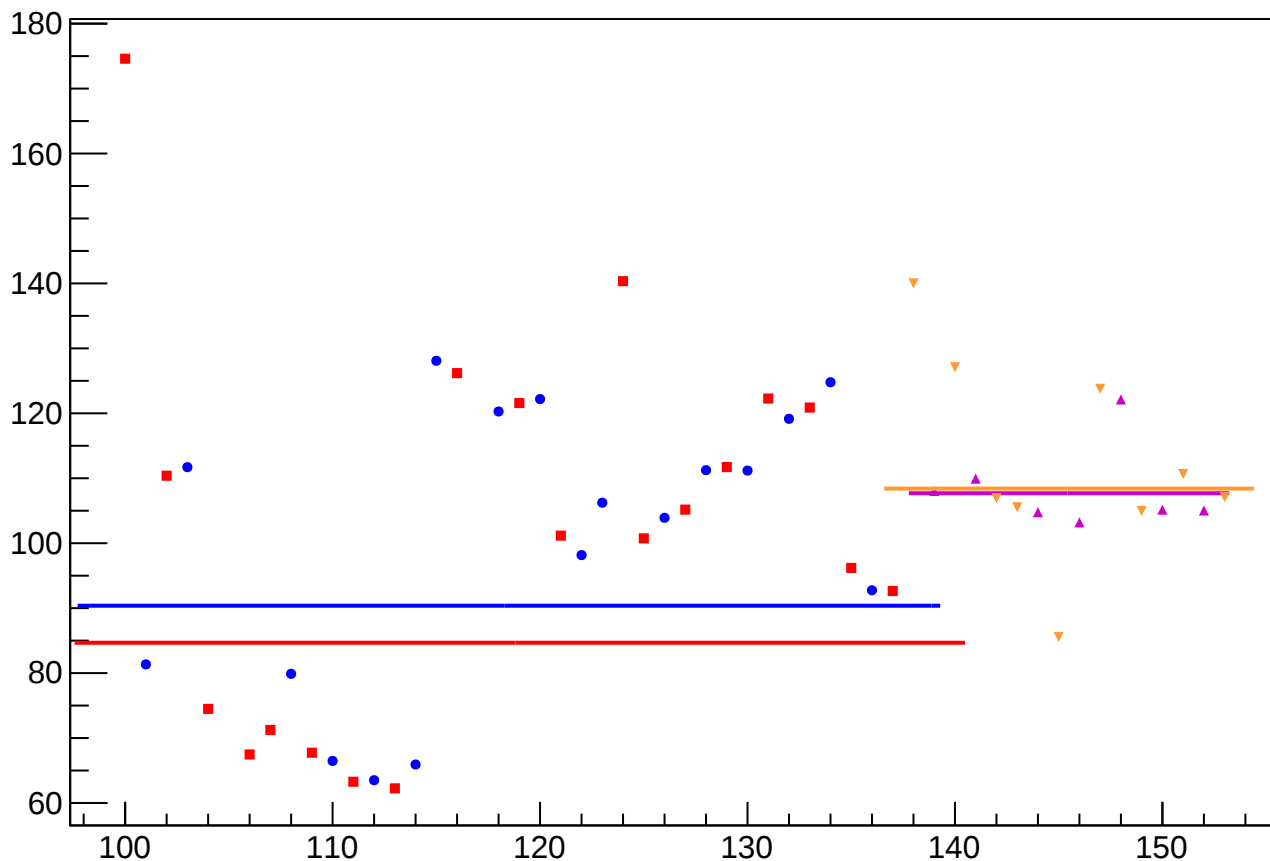
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 16.733 ± 28.064 $\chi^2/\text{NDF}: 16.7/23$

Out: 55.542 ± 26.247 $\chi^2/\text{NDF}: 28.4/27$

All: 37.435 ± 19.170 $\chi^2/\text{NDF}: 46.1/51$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.412 $\pm$ 0.030 χ^2 /NDF: 243156.3/8

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 107.696 $\pm$ 0.032 χ^2 /NDF: 29745.1/6

Left: 108.074 $\pm$ 0.022 χ^2 /NDF: 273169.4/15

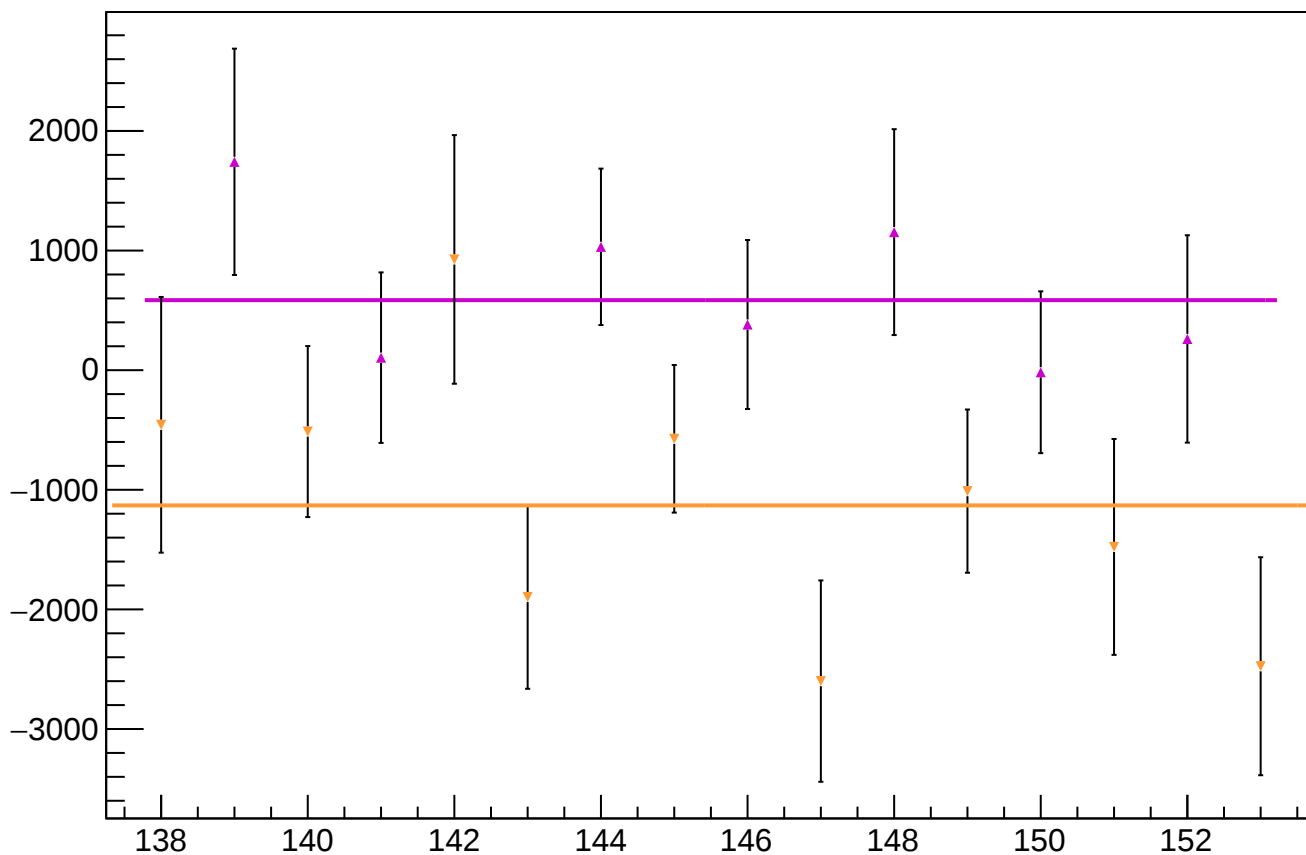
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 97.141 $\pm$ 0.020 χ^2 /NDF: 865234.7/23

Out: 93.726 $\pm$ 0.019 χ^2 /NDF: 1537280.1/27

All: 95.319 $\pm$ 0.014 χ^2 /NDF: 2418309.3/51

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

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

Left In: 585.371+/-285.203 χ^2/NDF :3.9/6

Left: -330.526+/-194.738 χ^2/NDF : 35.5/15

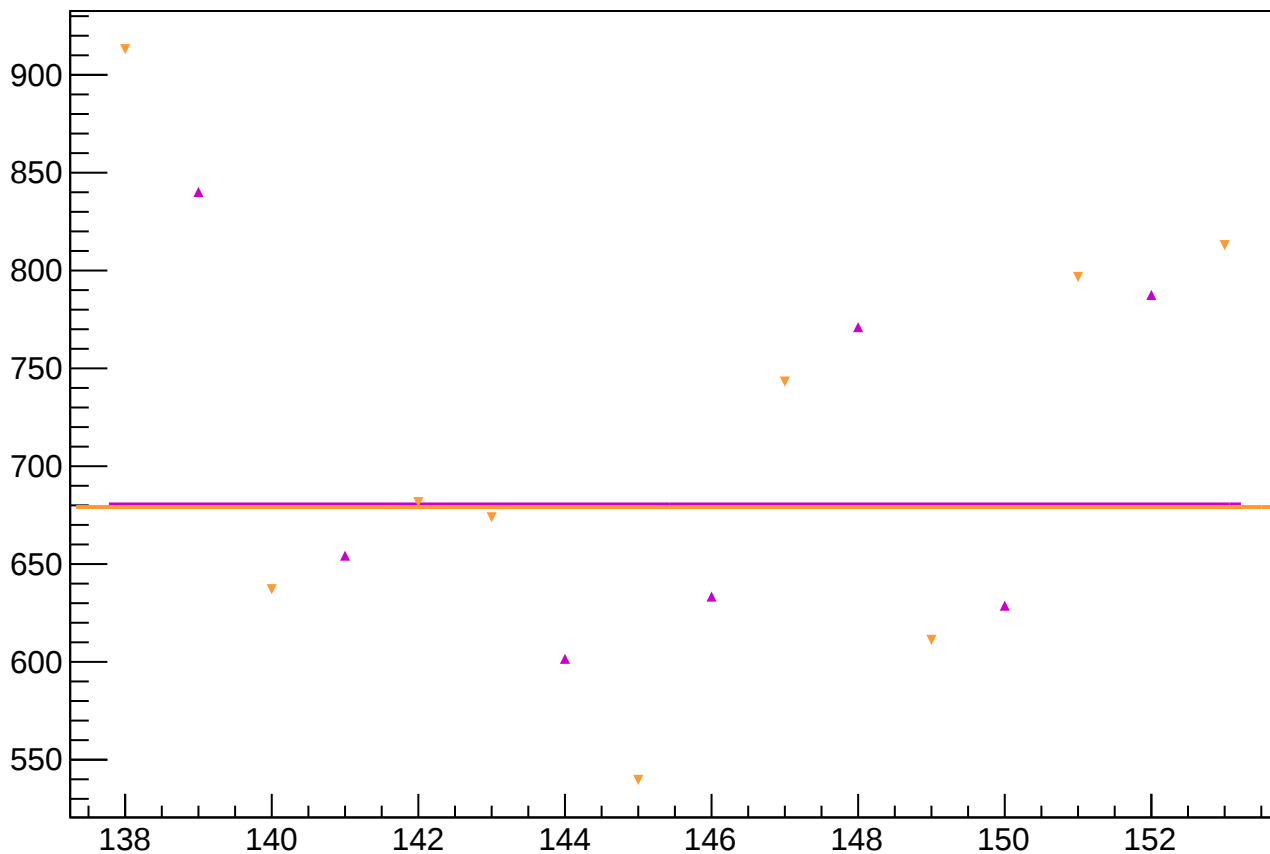
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 585.371+/-285.203 χ^2/NDF :3.9/6

Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

All: -330.526+/-194.738 χ^2/NDF : 35.5/15

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

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

Left In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Left: 679.745+/-0.138 χ^2/NDF : 475676.5/15

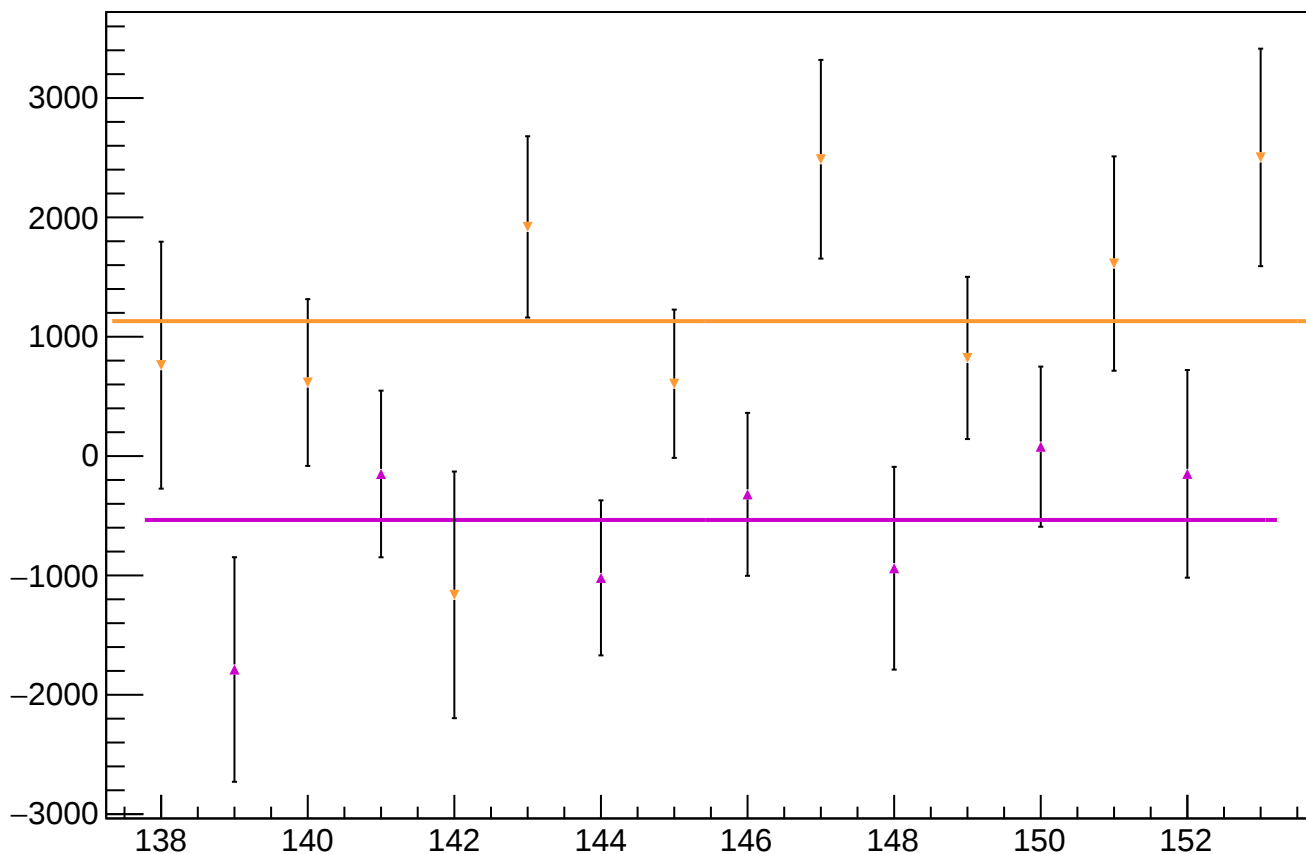
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

All: 679.745+/-0.138 χ^2/NDF : 475676.5/15

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

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

Left In: -535.172+/-281.409 χ^2/NDF :4.0/6

Left: 349.504+/-192.716 χ^2/NDF : 35.4/15

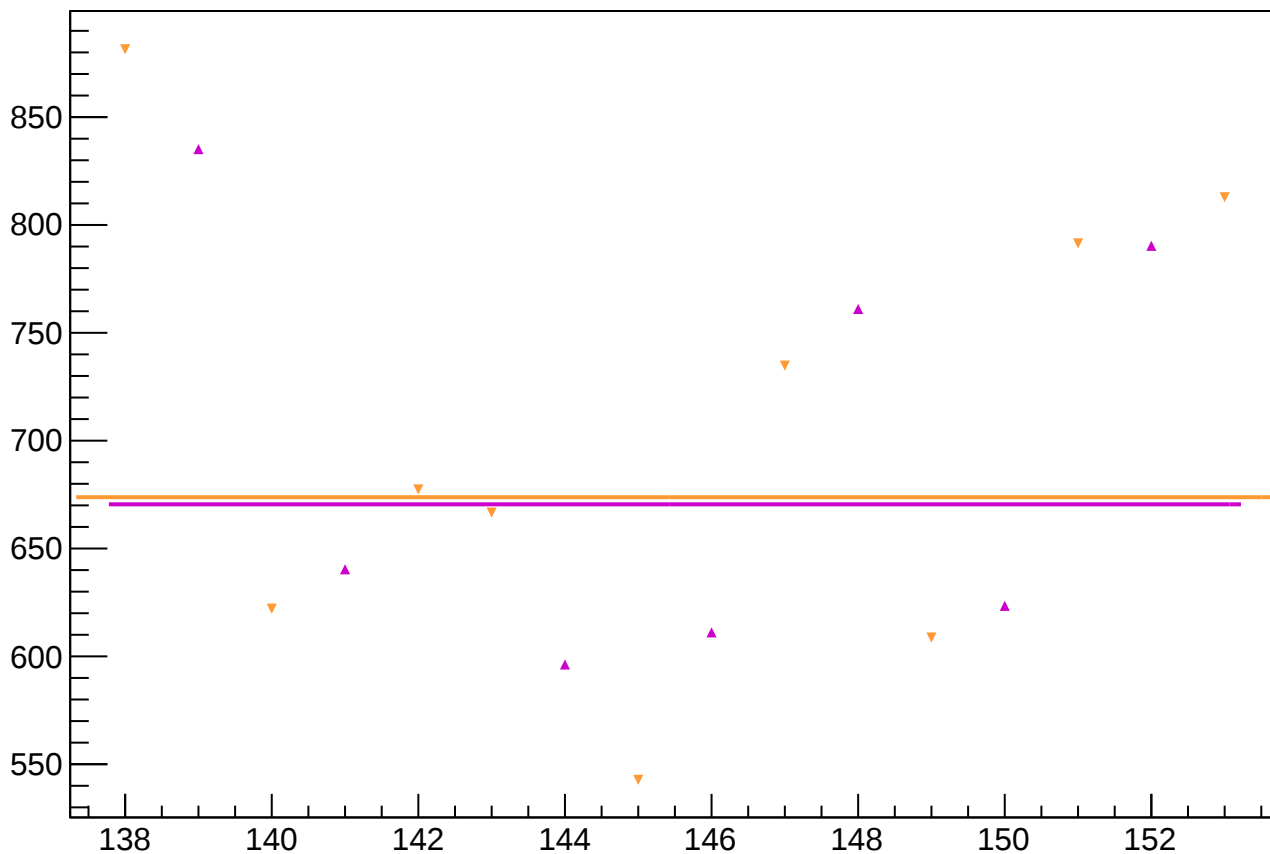
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

All: 349.504+/-192.716 χ^2/NDF : 35.4/15

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 673.792+/-0.187 χ^2/NDF : 290728.8/8

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

Left In: 670.495+/-0.199 χ^2/NDF : 176791.4/6

Left: 672.246+/-0.136 χ^2/NDF : 467665.9/15

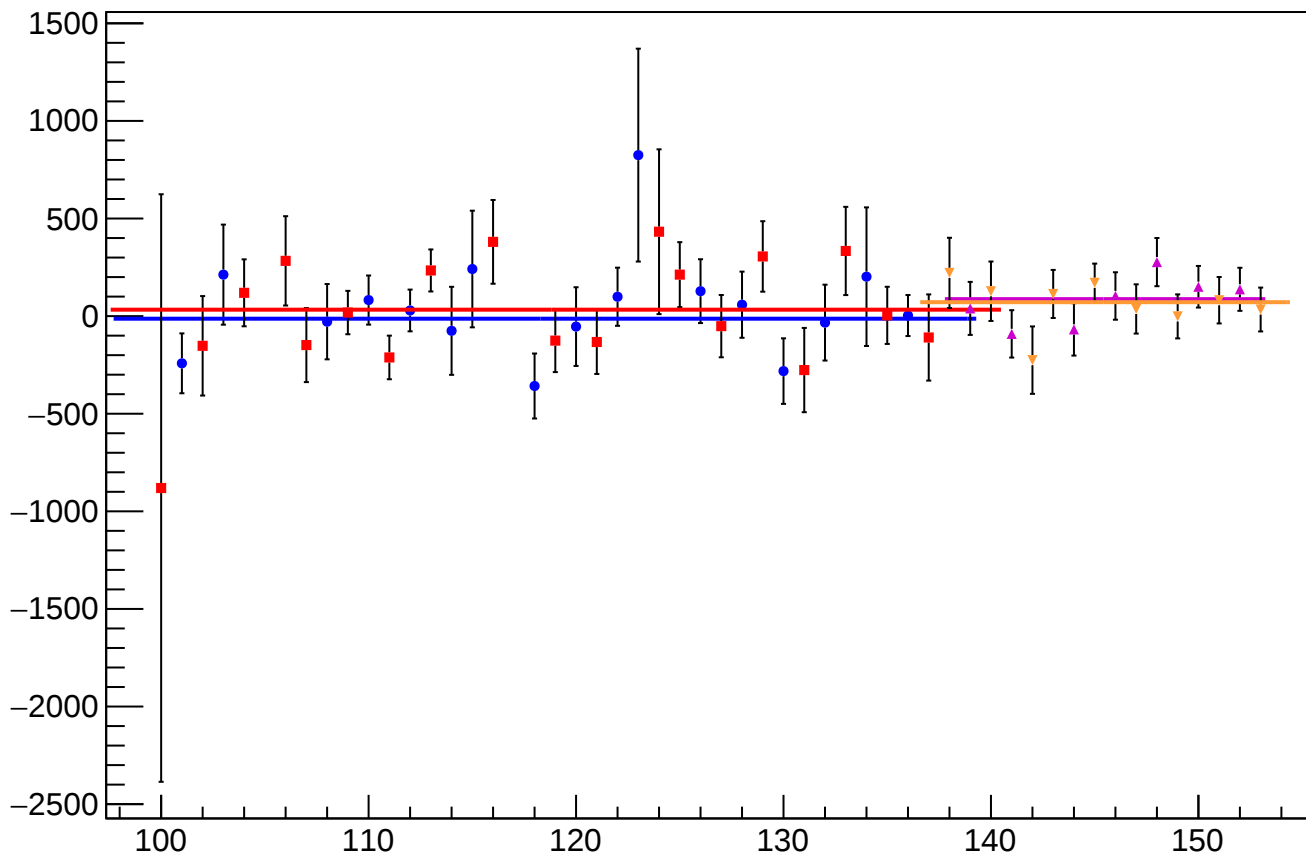
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF : 176791.4/6

Out: 673.792+/-0.187 χ^2/NDF : 290728.8/8

All: 672.246+/-0.136 χ^2/NDF : 467665.9/15

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 71.388 ± 41.939 χ^2/NDF : 5.5/8

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 87.008 ± 45.580 χ^2/NDF : 6.6/6

Left: 78.549 ± 30.862 χ^2/NDF : 12.2/15

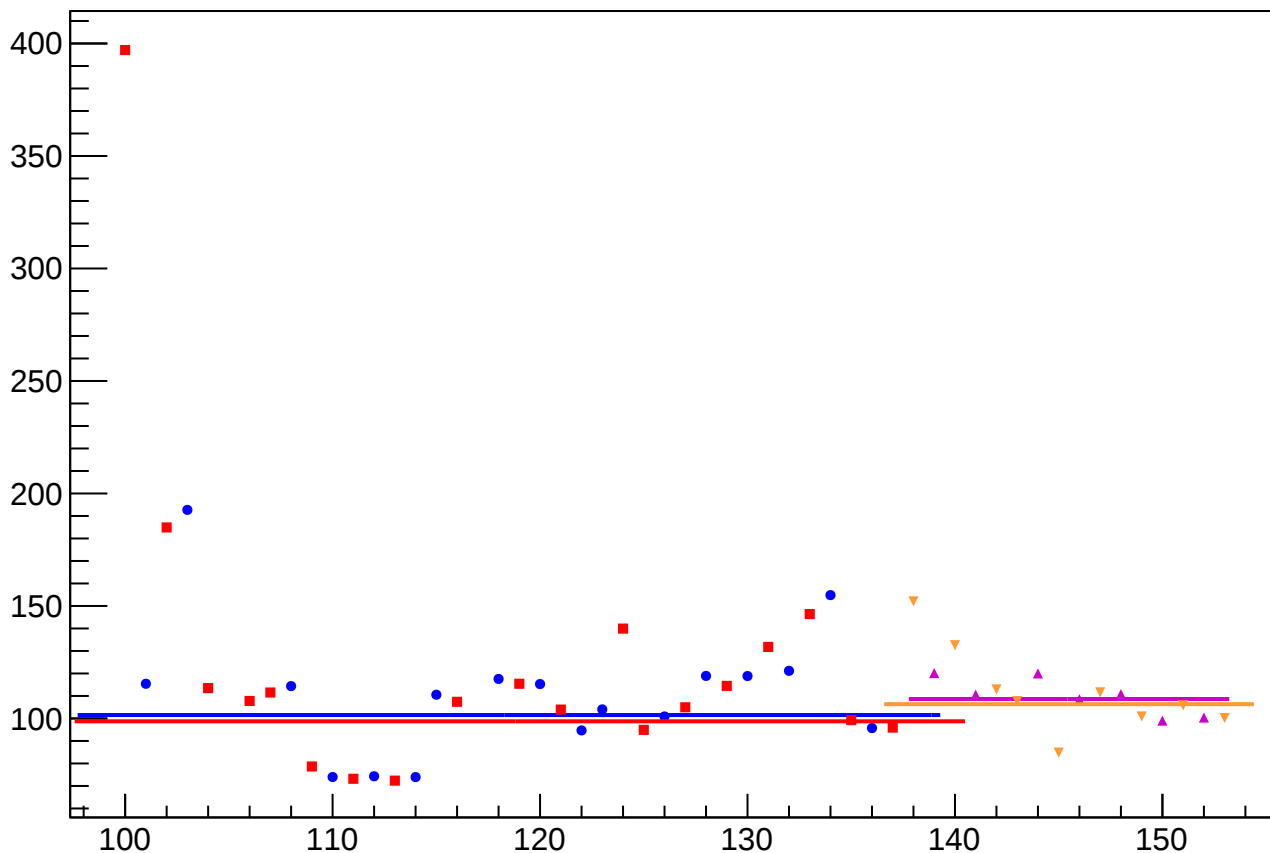
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 31.068 ± 30.298 χ^2/NDF : 24.9/23

Out: 50.756 ± 28.512 χ^2/NDF : 31.1/27

All: 41.510 ± 20.763 χ^2/NDF : 56.2/51

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 106.356+/-0.030 χ^2/NDF : 301585.2/8

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 108.654+/-0.032 χ^2/NDF : 57311.4/6

Left: 107.410+/-0.022 χ^2/NDF : 361651.3/15

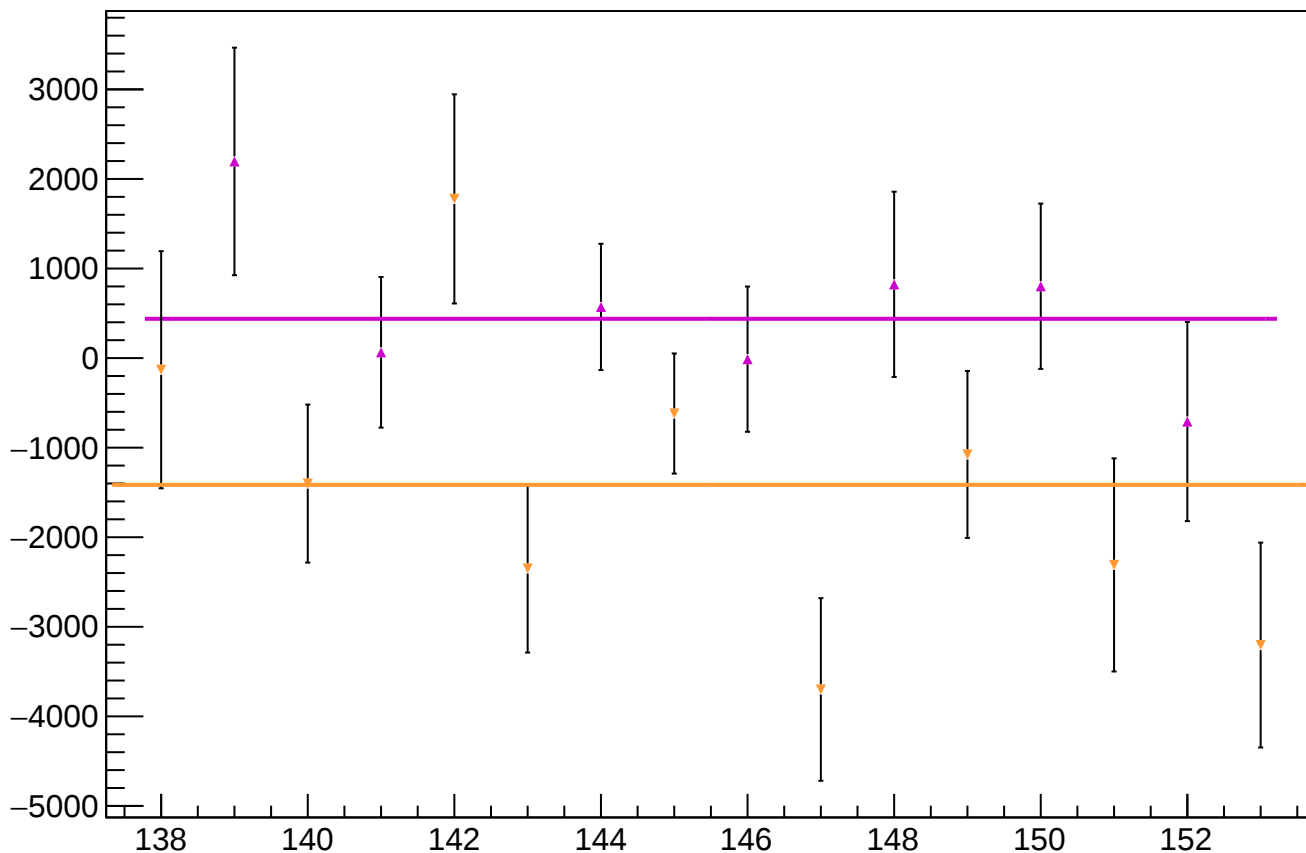
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 104.672+/-0.021 χ^2/NDF : 766381.4/23

Out: 102.258+/-0.020 χ^2/NDF : 1162724.7/27

All: 103.391+/-0.015 χ^2/NDF : 1935840.7/51

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

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

Left In: 438.706+/-343.265 χ^2/NDF :3.8/6

Left: -541.927+/-235.592 χ^2/NDF : 38.2/15

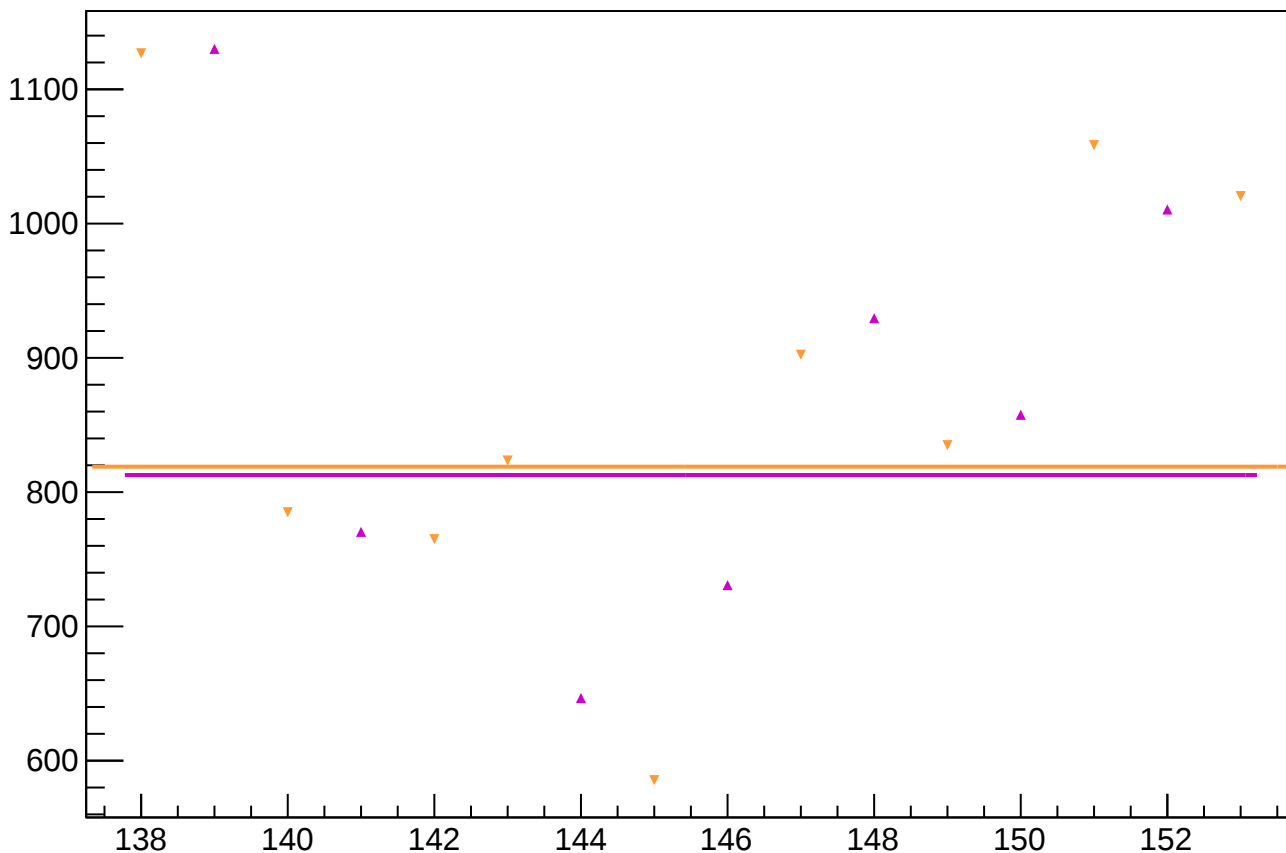
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.706+/-343.265 χ^2/NDF :3.8/6

Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

All: -541.927+/-235.592 χ^2/NDF : 38.2/15

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

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

Left In: 812.756+/-0.243 χ^2/NDF :354855.1/6

Left: 816.052+/-0.167 χ^2/NDF : 870182.0/15

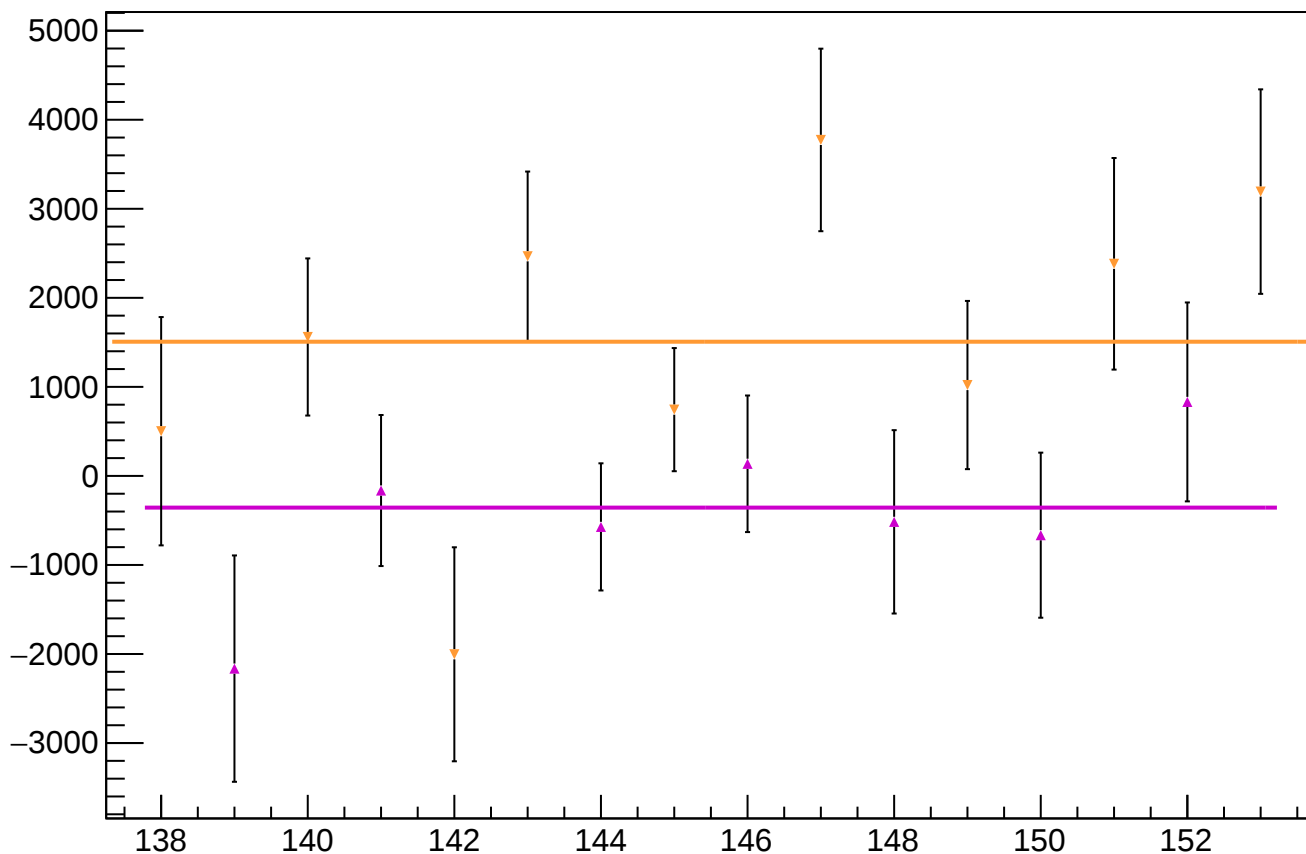
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 812.756+/-0.243 χ^2/NDF :354855.1/6

Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

All: 816.052+/-0.167 χ^2/NDF : 870182.0/15

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

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

Left In: -355.937+/-341.413 χ^2/NDF :3.8/6

Left: 614.181+/-236.366 χ^2/NDF : 38.6/15

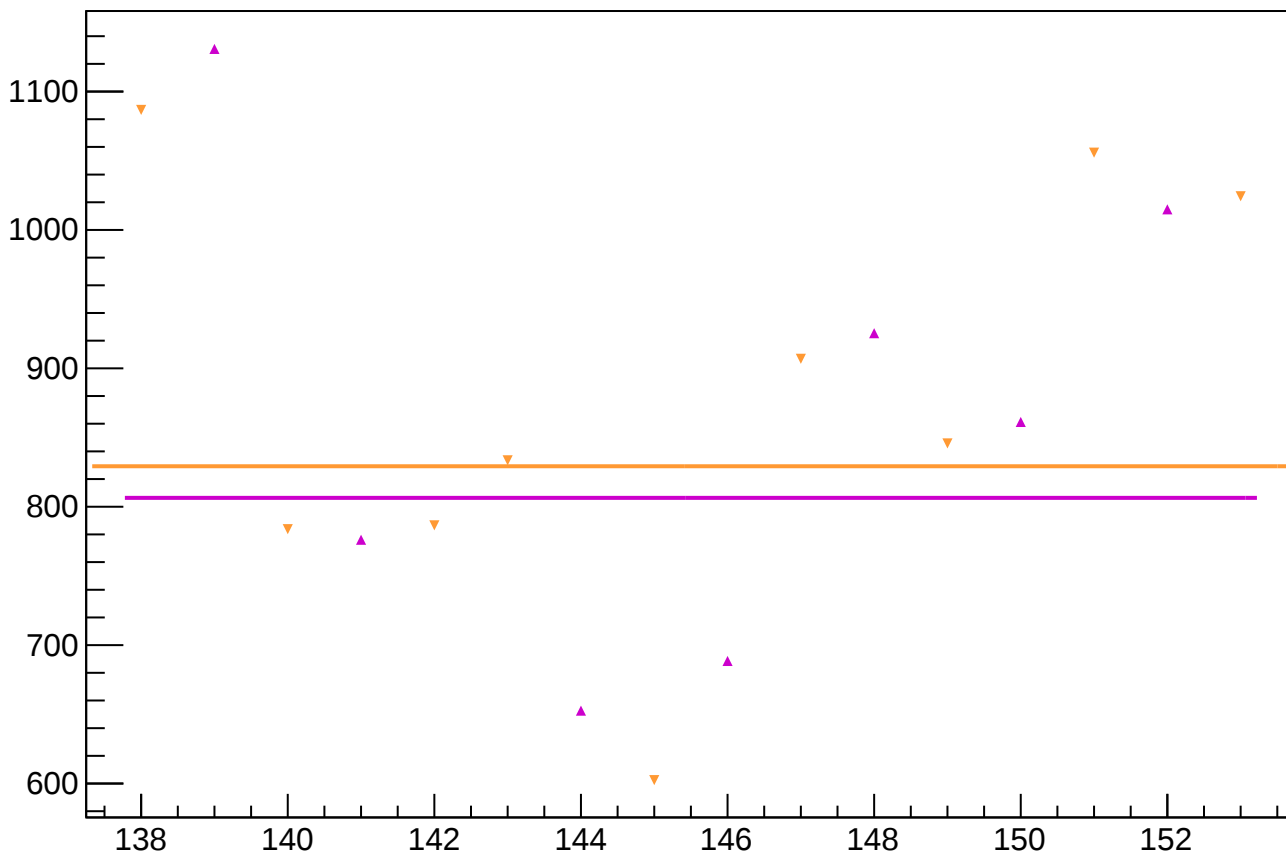
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

All: 614.181+/-236.366 χ^2/NDF : 38.6/15

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

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

Left In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Left: 818.305+/-0.167 χ^2/NDF : 827038.4/15

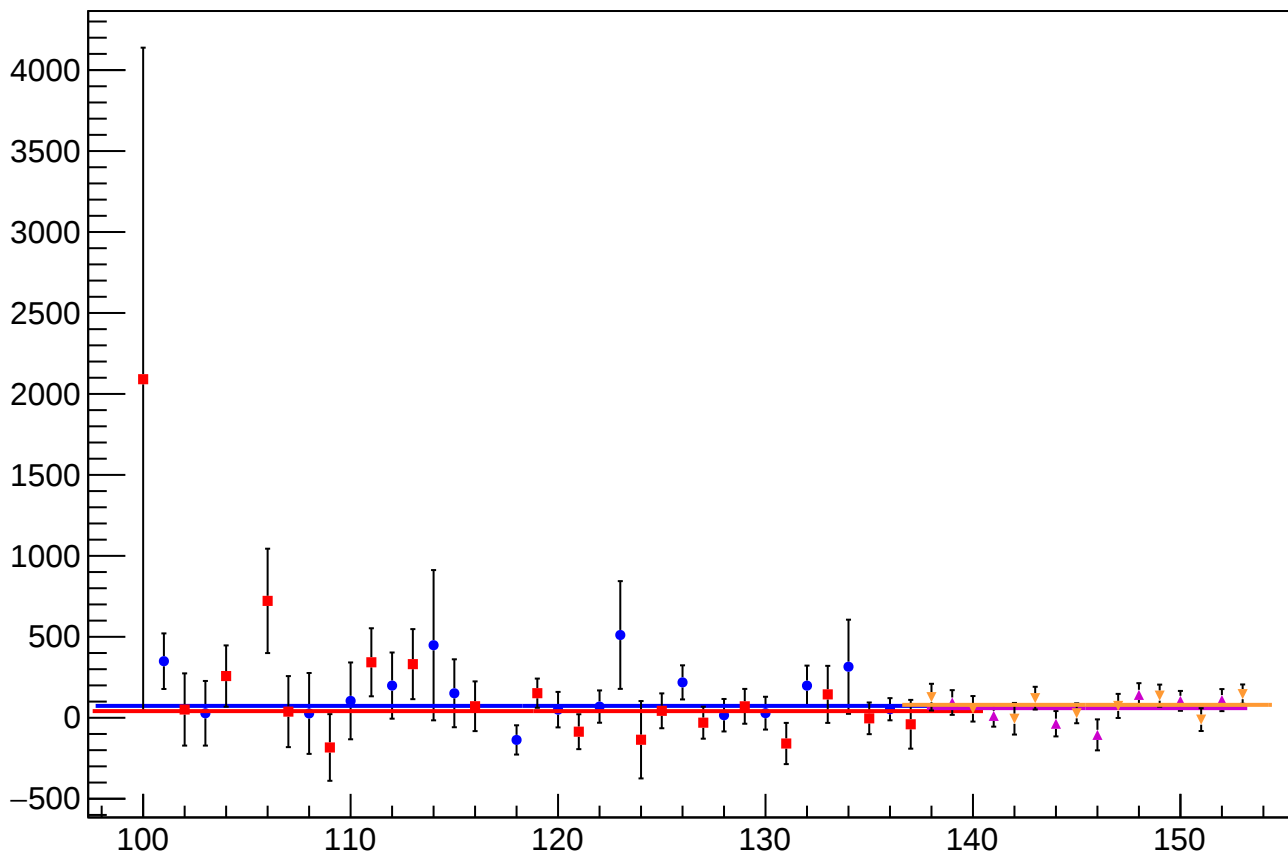
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

All: 818.305+/-0.167 χ^2/NDF : 827038.4/15

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 79.844 $\pm$ 23.844 χ^2 /NDF: 5.9/8

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 59.555 $\pm$ 27.301 χ^2 /NDF: 7.6/6

Left: 71.064 $\pm$ 17.959 χ^2 /NDF: 13.8/15

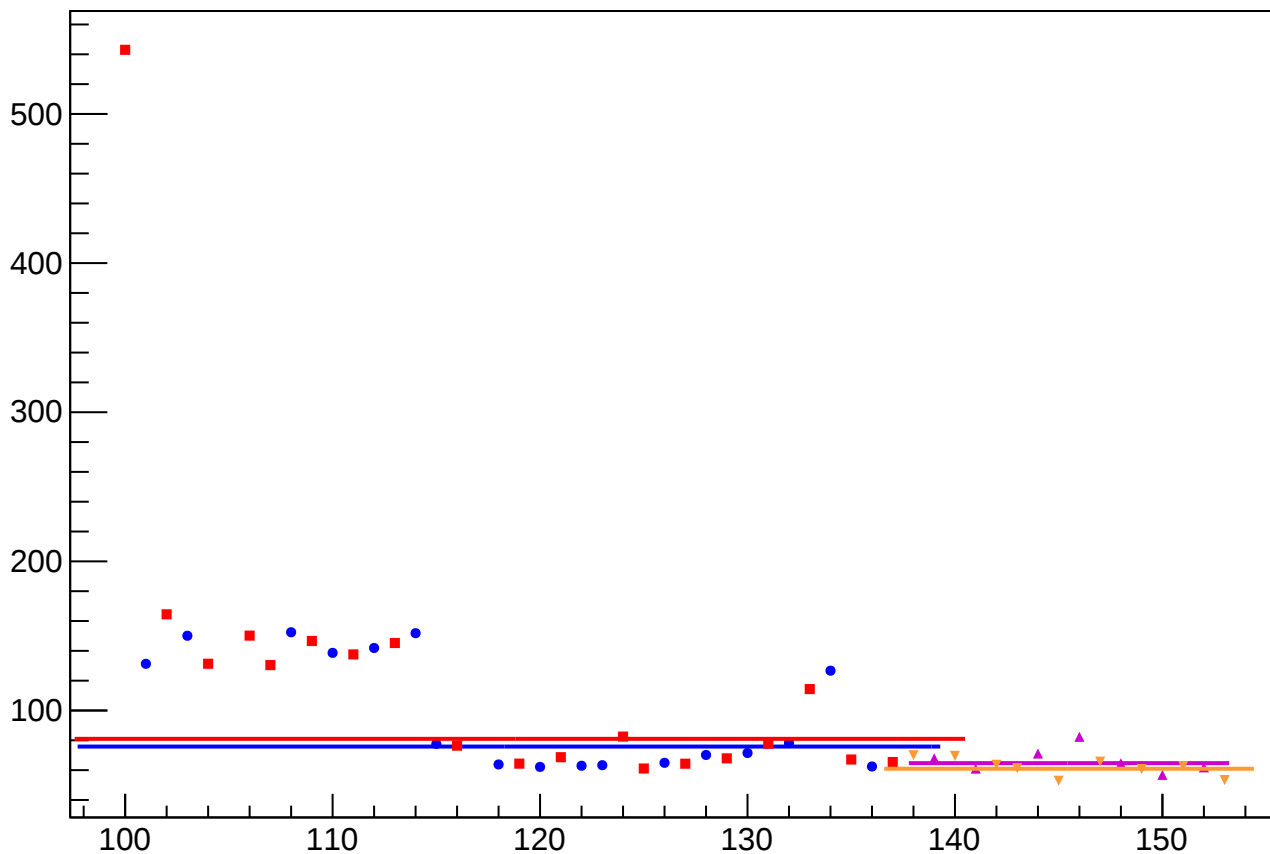
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 65.610 $\pm$ 20.506 χ^2 /NDF: 22.9/23

Out: 66.423 $\pm$ 19.275 χ^2 /NDF: 26.0/27

All: 66.041 $\pm$ 14.044 χ^2 /NDF: 49.0/51

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.946 $\pm$ 0.017 χ^2 /NDF: 126025.4/8

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 64.707 $\pm$ 0.019 χ^2 /NDF: 127728.5/6

Left: 62.573 $\pm$ 0.013 χ^2 /NDF: 275289.0/15

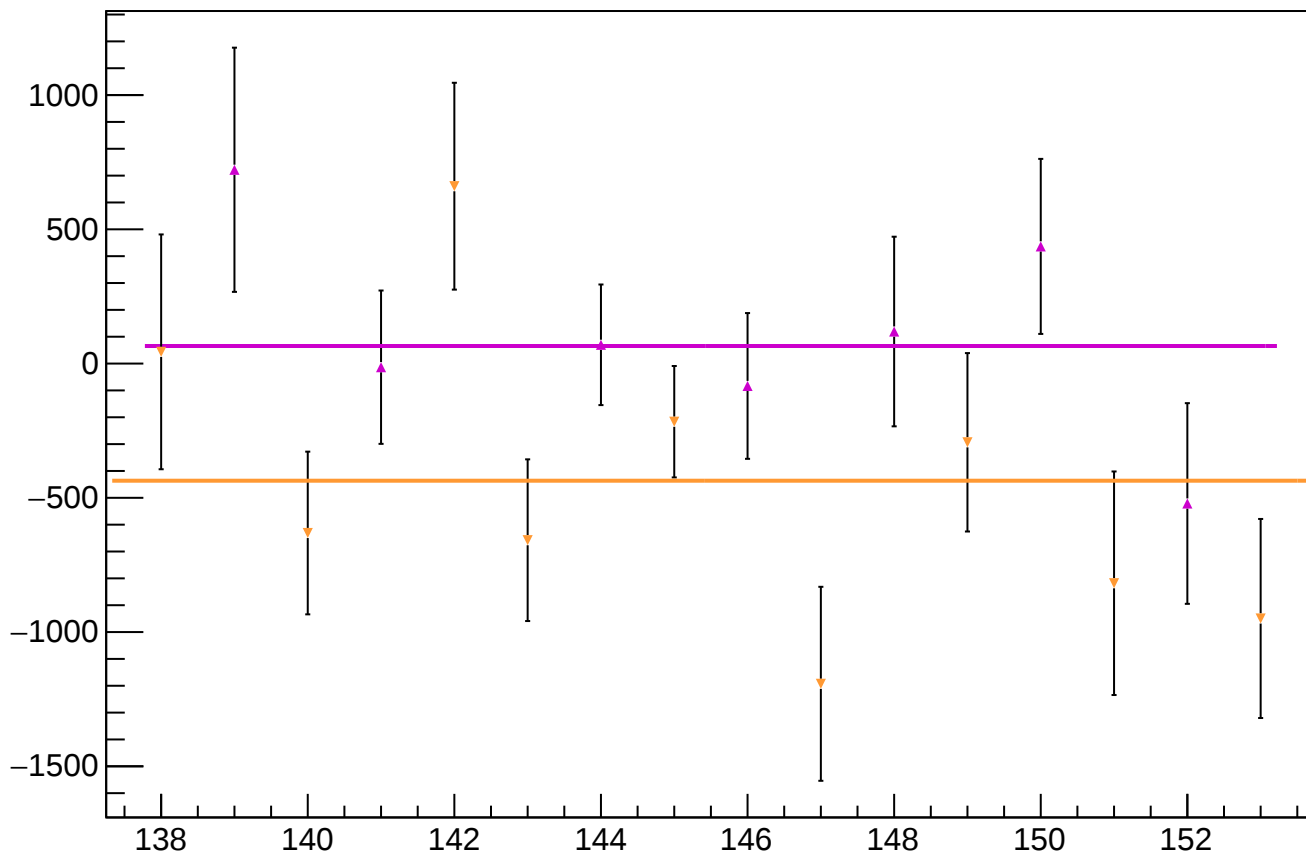
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 69.550 $\pm$ 0.014 χ^2 /NDF: 1622122.1/23

Out: 67.896 $\pm$ 0.014 χ^2 /NDF: 2244212.9/27

All: 68.672 $\pm$ 0.010 χ^2 /NDF: 3873249.2/51

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -436.278+/-107.287 χ^2/NDF :18.7/8

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

Left In: 65.417+/-115.402 χ^2/NDF :6.2/6

Left: -203.689+/-78.576 χ^2/NDF : 35.1/15

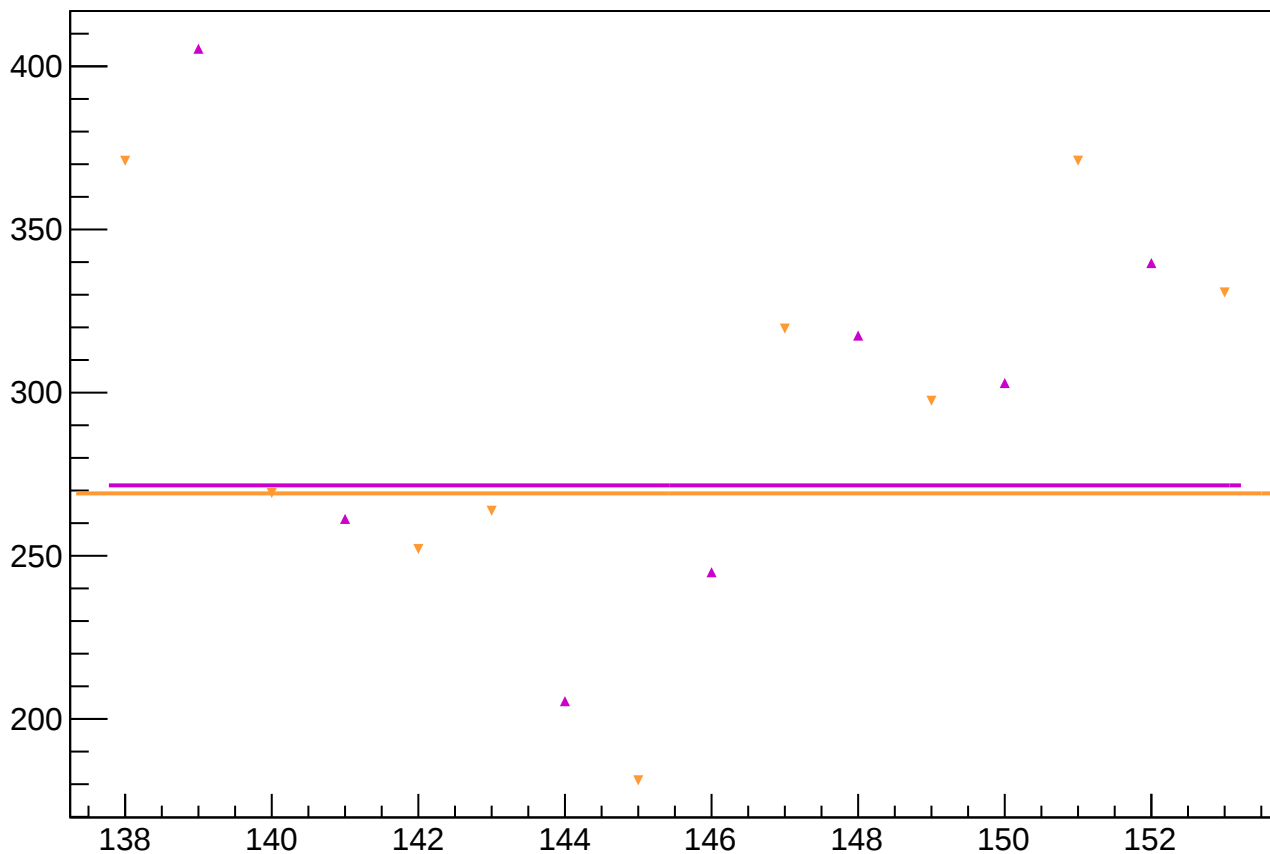
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.417+/-115.402 χ^2/NDF :6.2/6

Out: -436.278+/-107.287 χ^2/NDF :18.7/8

All: -203.689+/-78.576 χ^2/NDF : 35.1/15

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 269.118+/-0.076 χ^2/NDF :701114.5/8

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

Left In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Left: 270.259+/-0.056 χ^2/NDF : 1188790.6/15

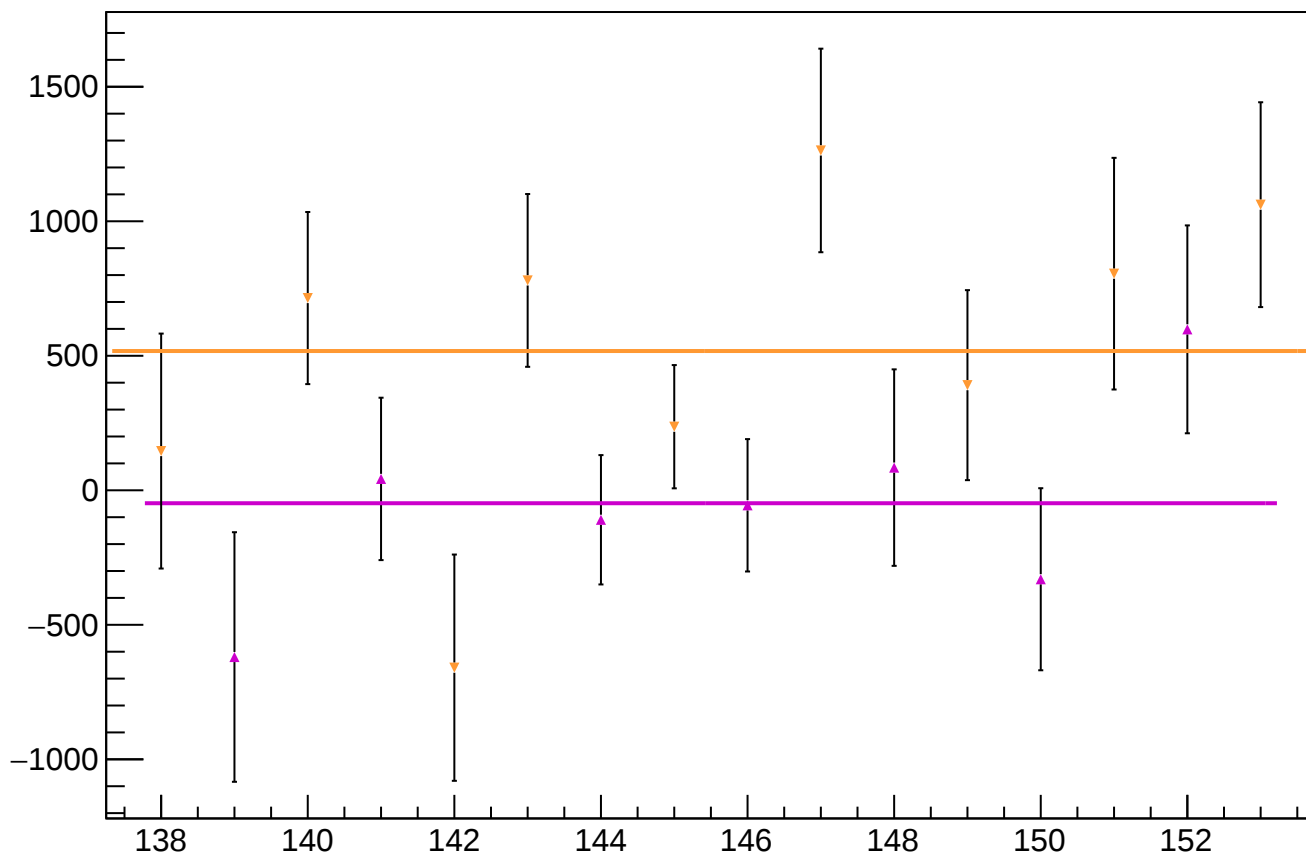
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Out: 269.118+/-0.076 χ^2/NDF :701114.5/8

All: 270.259+/-0.056 χ^2/NDF : 1188790.6/15

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 517.687+/-114.167 χ^2/NDF :17.6/8

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

Left In: -48.078+/-117.544 χ^2/NDF :5.3/6

Left: 243.048+/-81.896 χ^2/NDF : 34.8/15

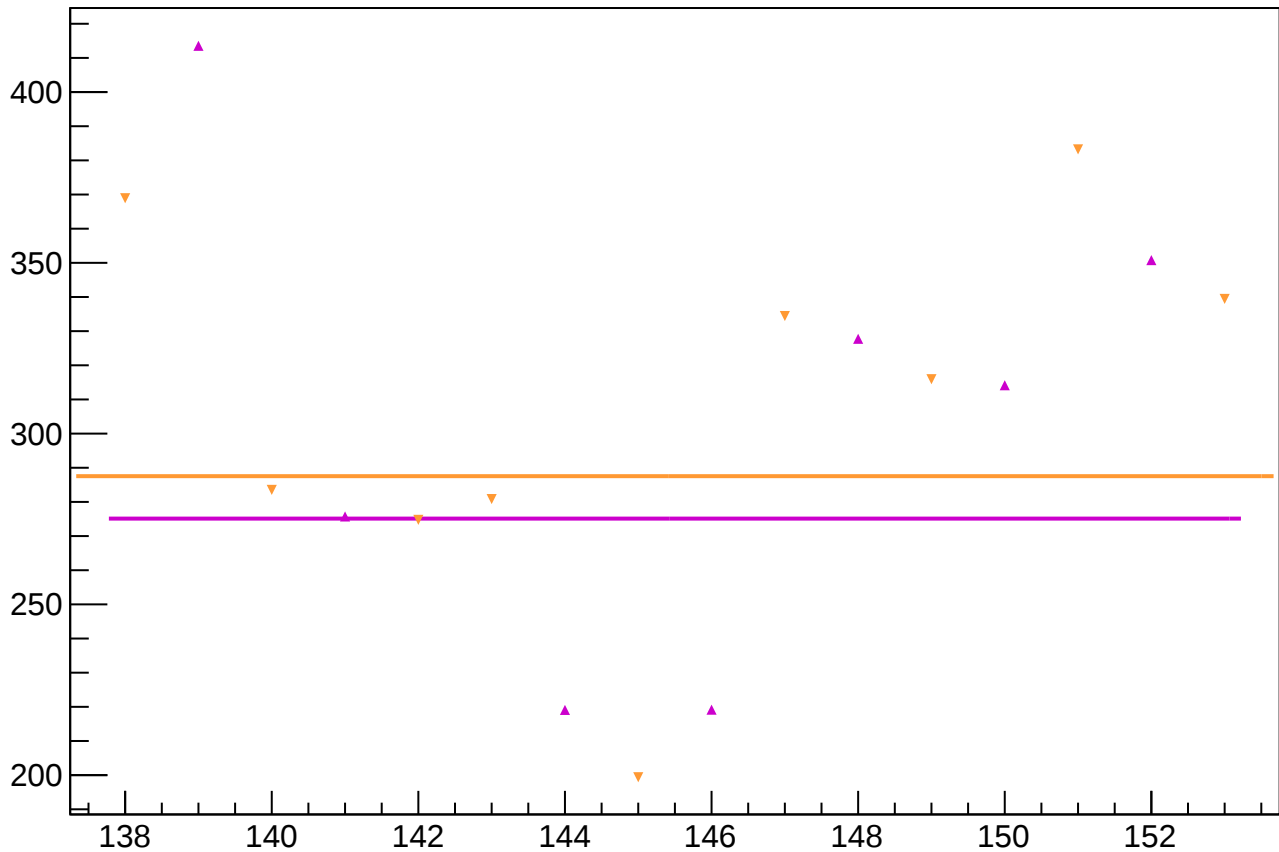
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF :5.3/6

Out: 517.687+/-114.167 χ^2/NDF :17.6/8

All: 243.048+/-81.896 χ^2/NDF : 34.8/15

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 287.538+/-0.081 χ^2/NDF :548247.6/8

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

Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Left: 281.507+/-0.058 χ^2/NDF : 1094803.3/15

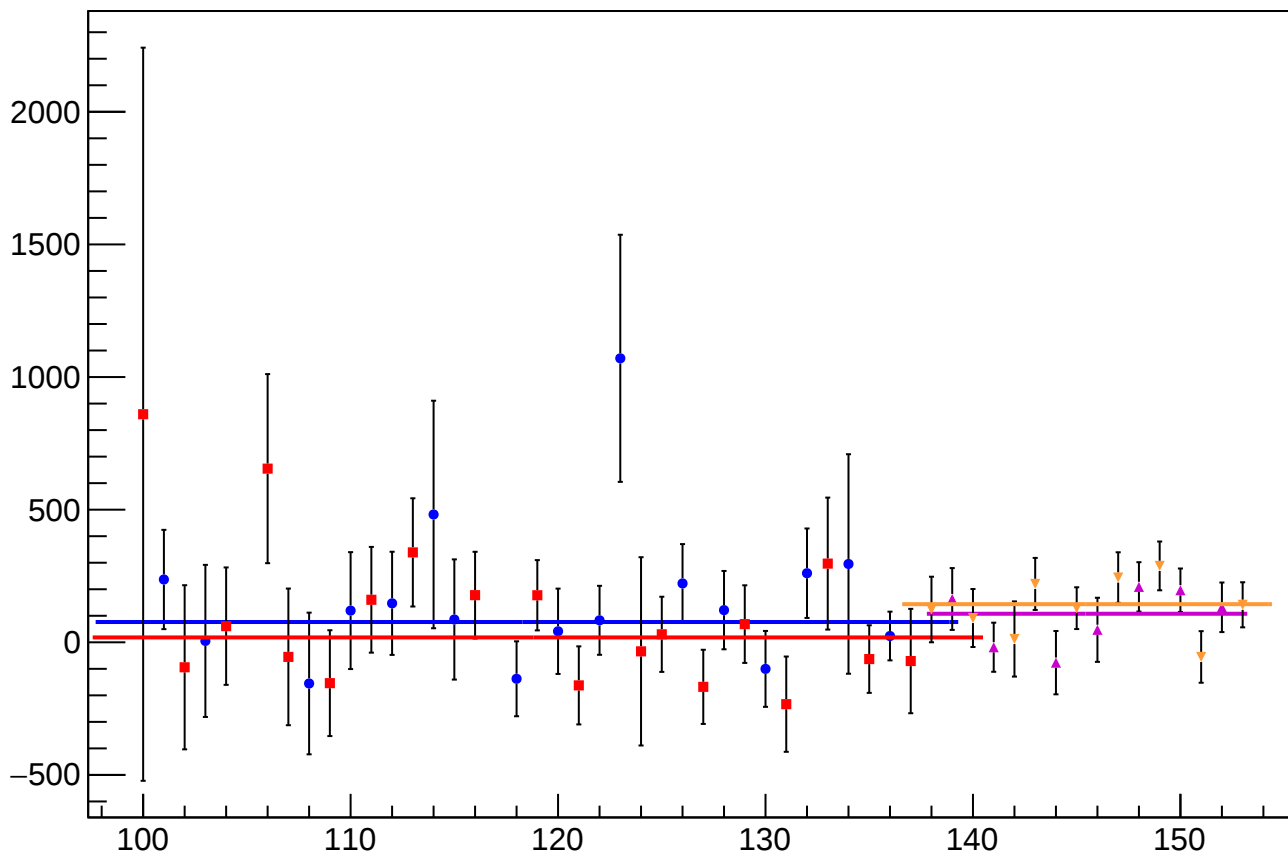
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 287.538+/-0.081 χ^2/NDF :548247.6/8

All: 281.507+/-0.058 χ^2/NDF : 1094803.3/15

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 143.774+/-32.674 χ^2/NDF : 9.5/8

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 107.645+/-37.576 χ^2/NDF : 7.2/6

Left: 128.219+/-24.656 χ^2/NDF : 17.2/15

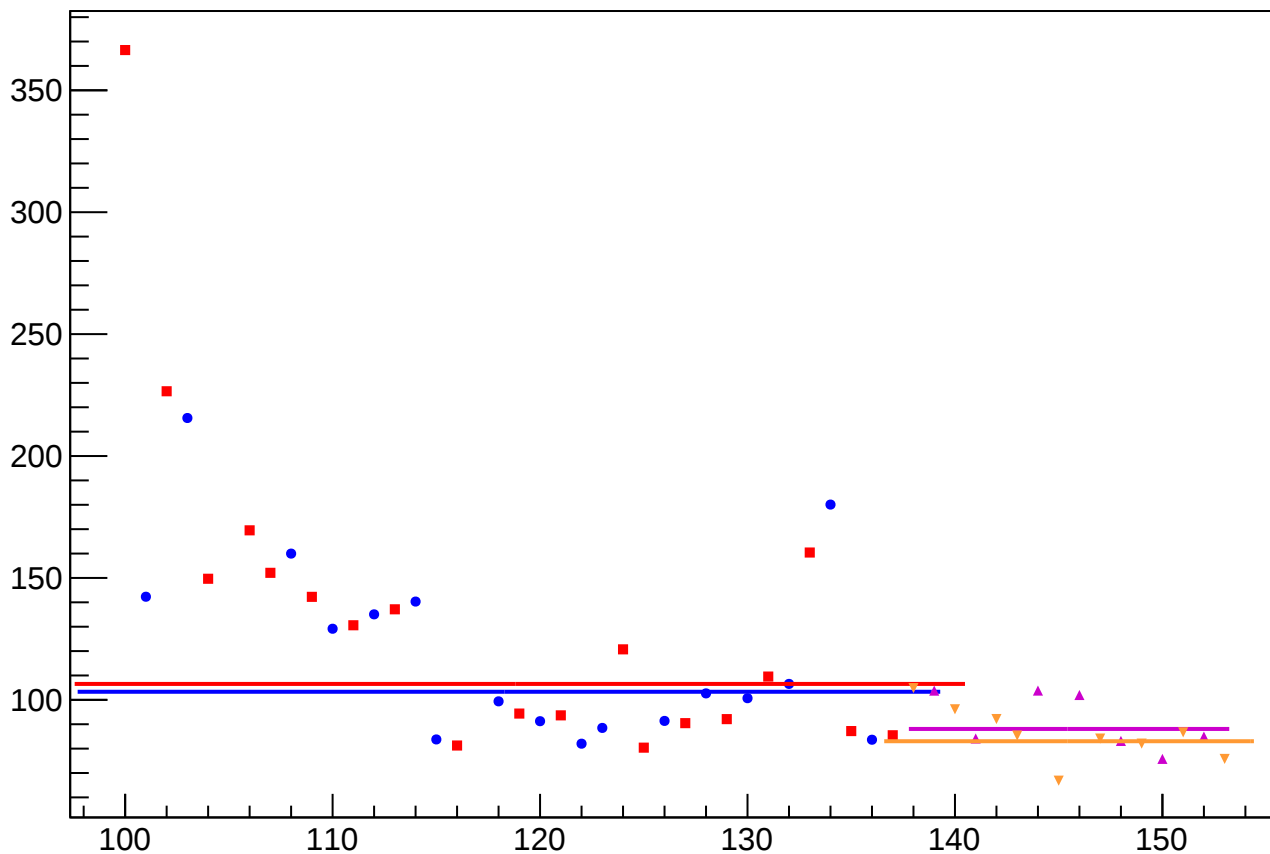
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 93.637+/-27.872 χ^2/NDF : 21.4/23

Out: 96.889+/-25.853 χ^2/NDF : 32.2/27

All: 95.385+/-18.954 χ^2/NDF : 53.6/51

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 83.030 $\pm$ 0.023 χ^2 /NDF: 202488.1/8

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 88.069 $\pm$ 0.027 χ^2 /NDF: 154017.5/6

Left: 85.200 $\pm$ 0.017 χ^2 /NDF: 376981.0/15

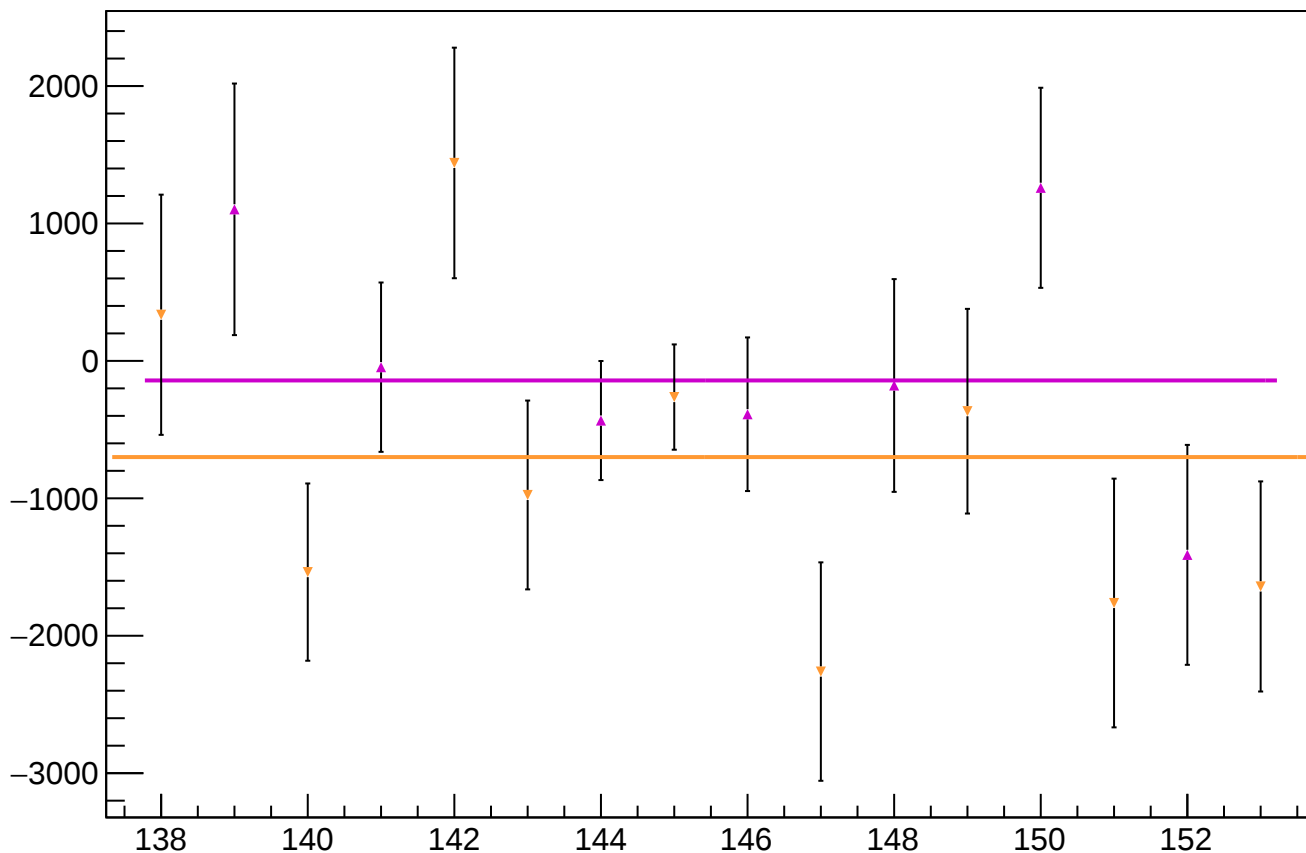
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 94.928 $\pm$ 0.020 χ^2 /NDF: 1139973.2/23

Out: 91.819 $\pm$ 0.018 χ^2 /NDF: 1660973.3/27

All: 93.257 $\pm$ 0.013 χ^2 /NDF: 2814326.0/51

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -699.881+/-221.480 χ^2/NDF :18.0/8

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

Left In: -142.267+/-239.205 χ^2/NDF :8.7/6

Left: -442.497+/-162.515 χ^2/NDF : 29.7/15

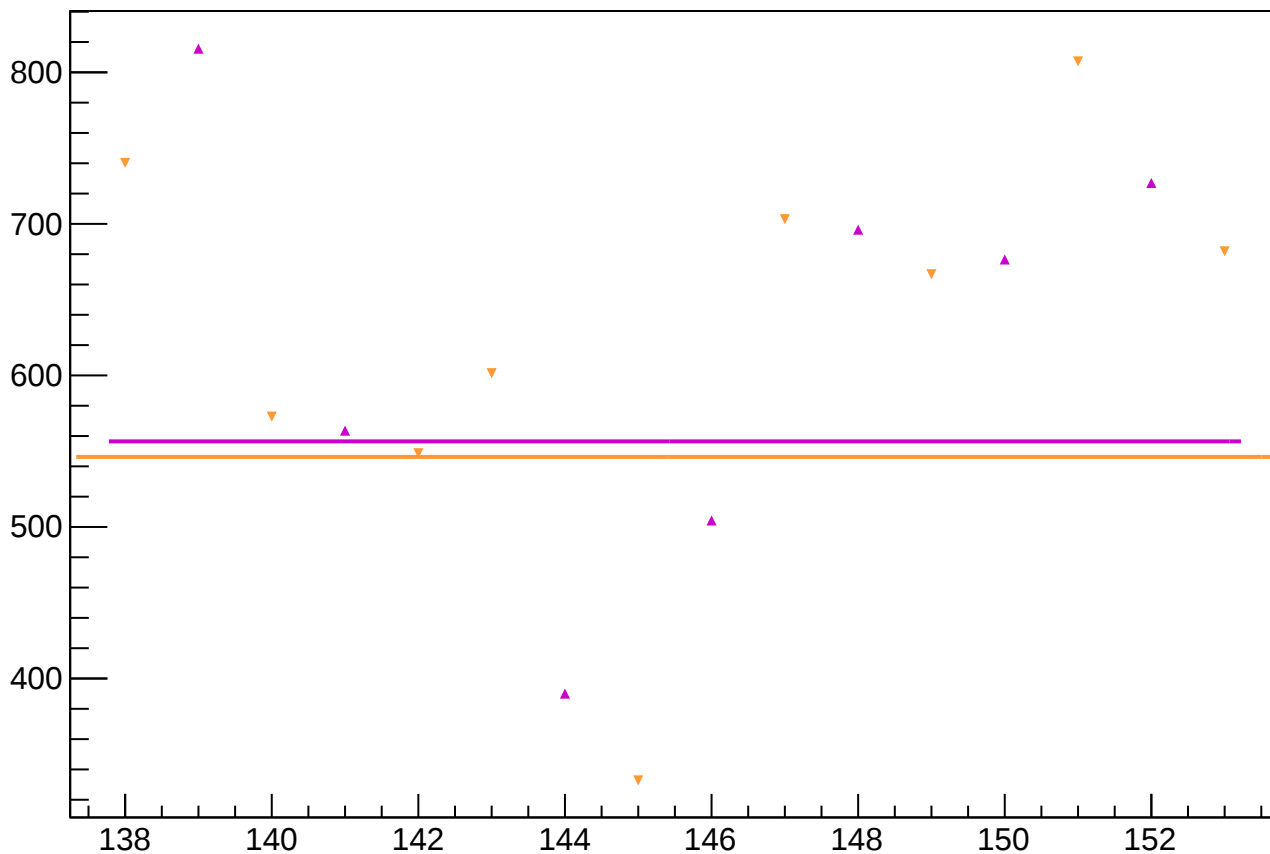
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.267+/-239.205 χ^2/NDF :8.7/6

Out: -699.881+/-221.480 χ^2/NDF :18.0/8

All: -442.497+/-162.515 χ^2/NDF : 29.7/15

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

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

Left In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Left: 550.969+/-0.115 χ^2/NDF : 1780920.8/15

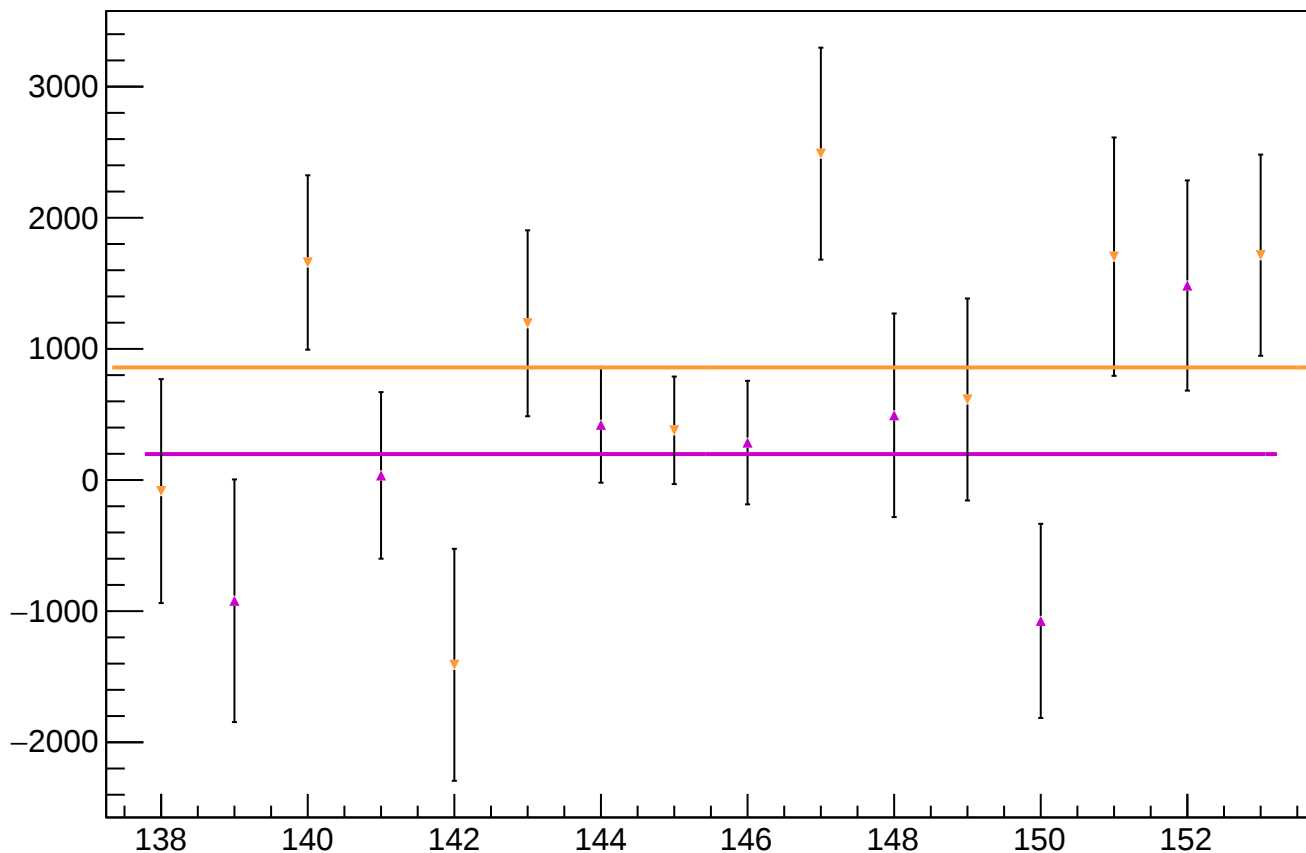
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

All: 550.969+/-0.115 χ^2/NDF : 1780920.8/15

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 858.513+/-229.575 χ^2/NDF :17.1/8

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

Left In: 197.966+/-233.647 χ^2/NDF :7.5/6

Left: 534.046+/-163.755 χ^2/NDF : 28.7/15

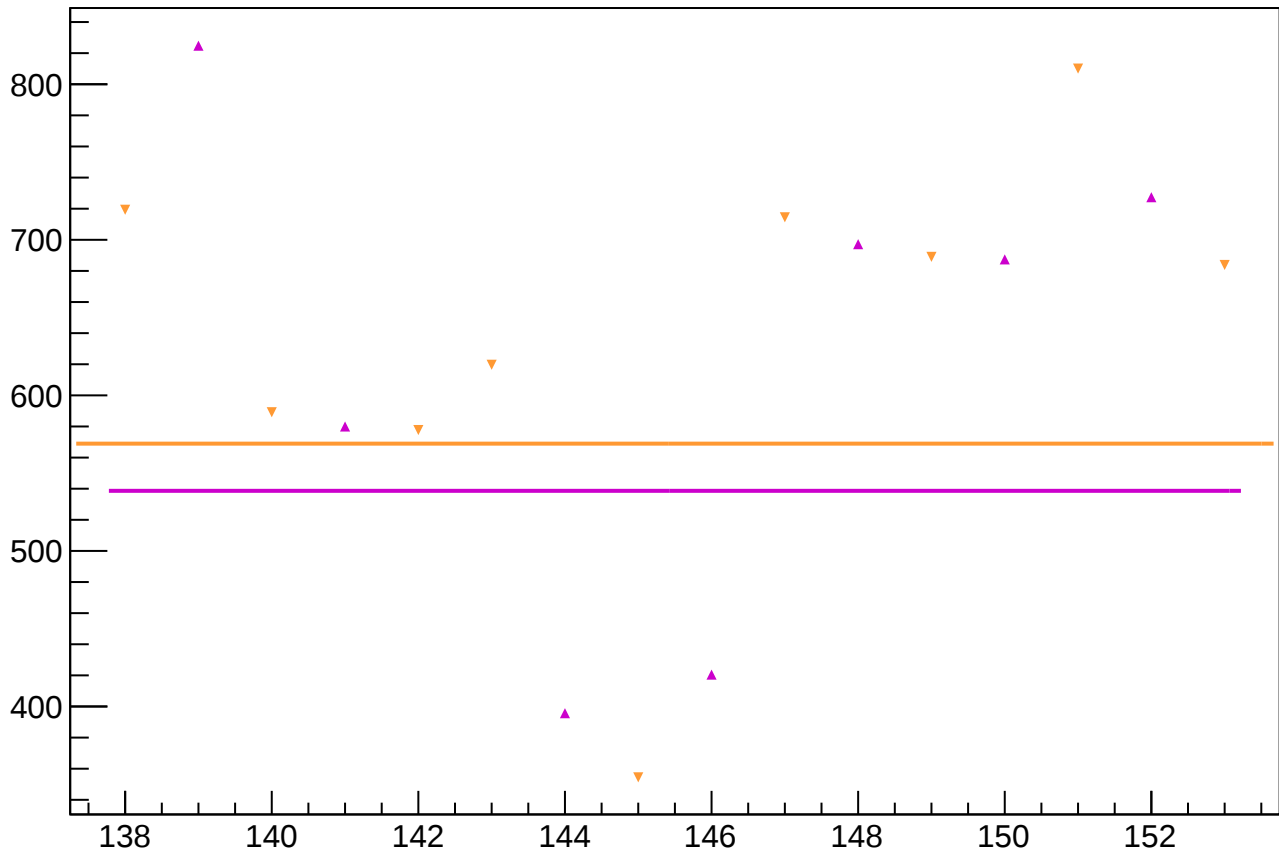
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF :7.5/6

Out: 858.513+/-229.575 χ^2/NDF :17.1/8

All: 534.046+/-163.755 χ^2/NDF : 28.7/15

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

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

Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Left: 554.067+/-0.116 χ^2/NDF : 1748053.8/15

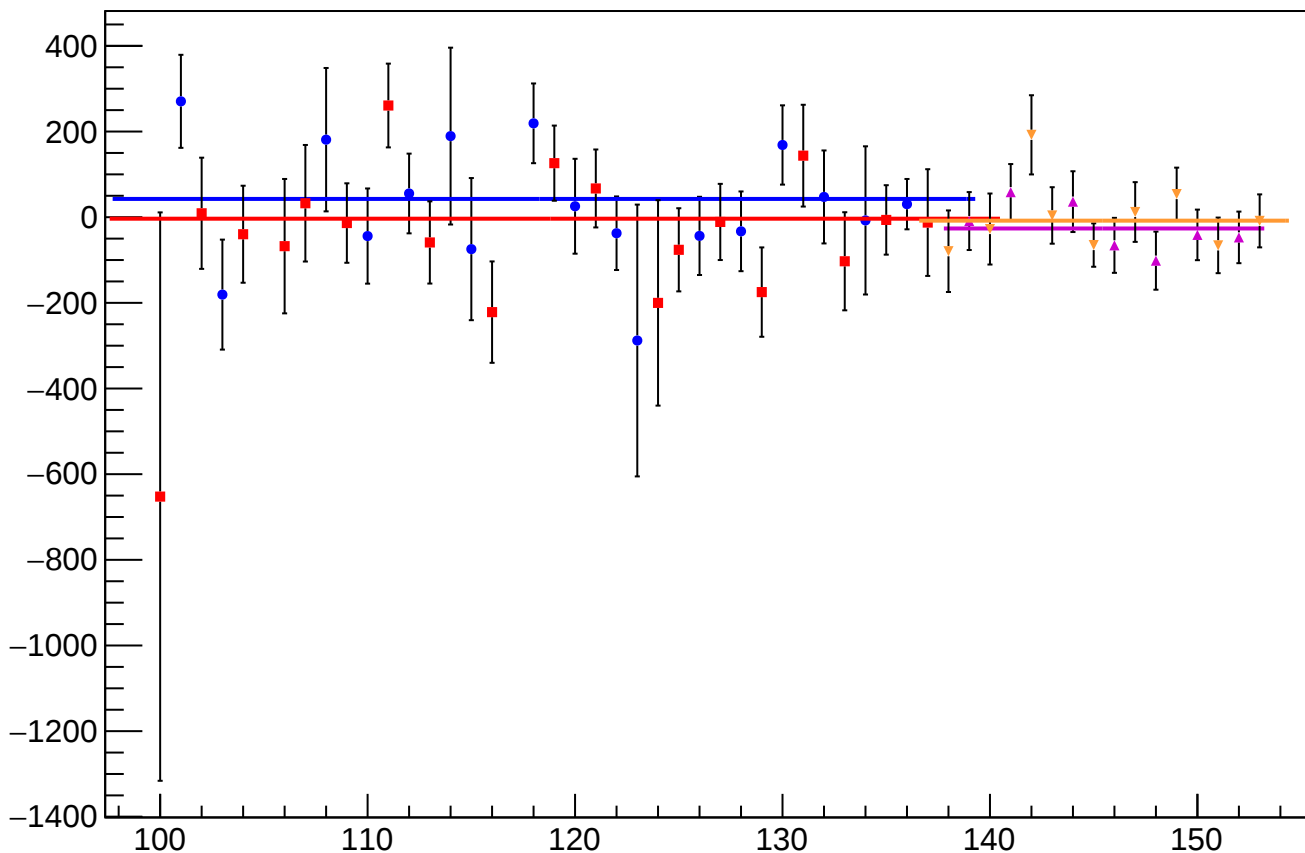
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

All: 554.067+/-0.116 χ^2/NDF : 1748053.8/15

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -8.092 $\pm$ 22.594 χ^2 /NDF: 8.5/8

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -26.358 $\pm$ 24.455 χ^2 /NDF: 4.3/6

Left: -16.503 $\pm$ 16.595 χ^2 /NDF: 13.1/15

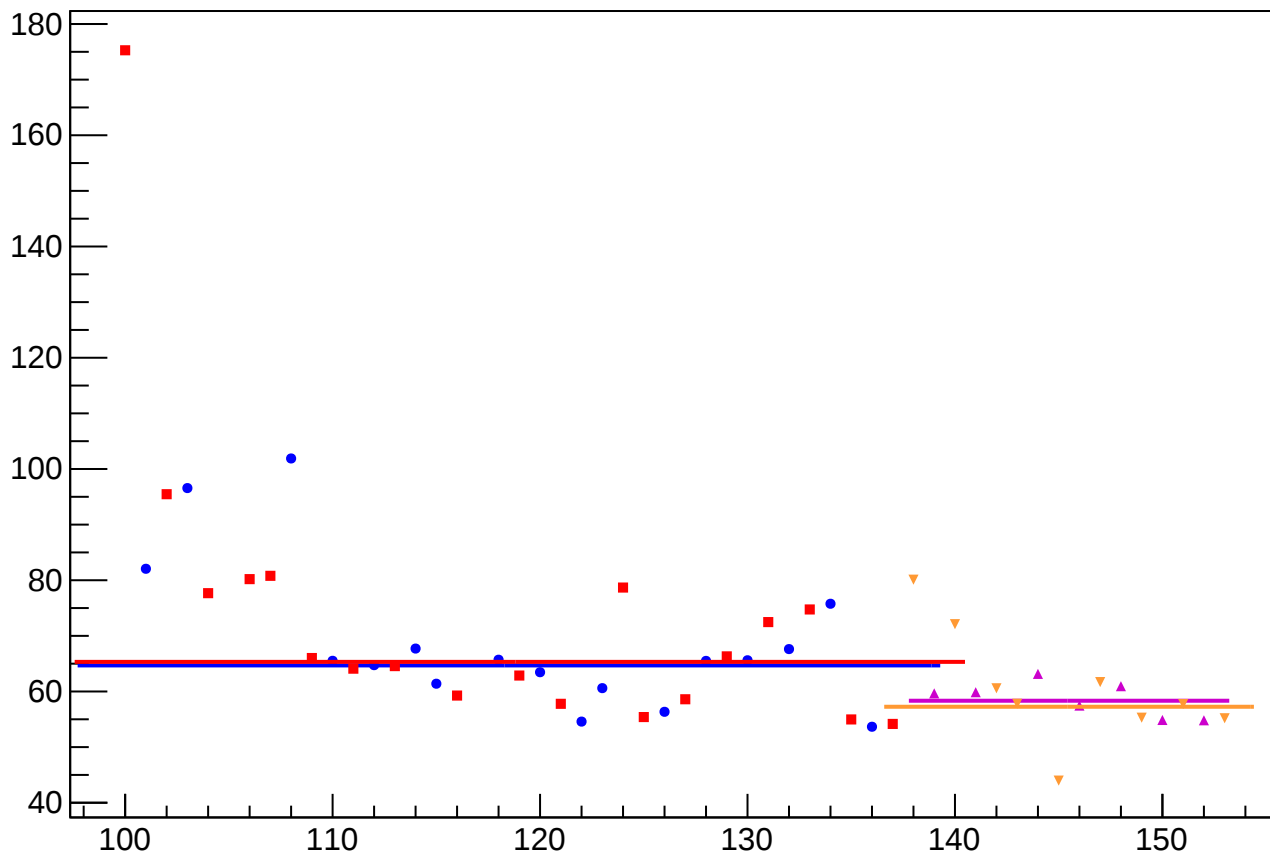
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 6.725 $\pm$ 17.646 χ^2 /NDF: 27.0/23

Out: -6.035 $\pm$ 16.784 χ^2 /NDF: 29.9/27

All: 0.026 $\pm$ 12.161 χ^2 /NDF: 57.1/51

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 57.254 $\pm$ 0.016 χ^2 /NDF: 331639.8/8

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.337 $\pm$ 0.017 χ^2 /NDF: 28137.2/6

Left: 57.753 $\pm$ 0.012 χ^2 /NDF: 361891.8/15

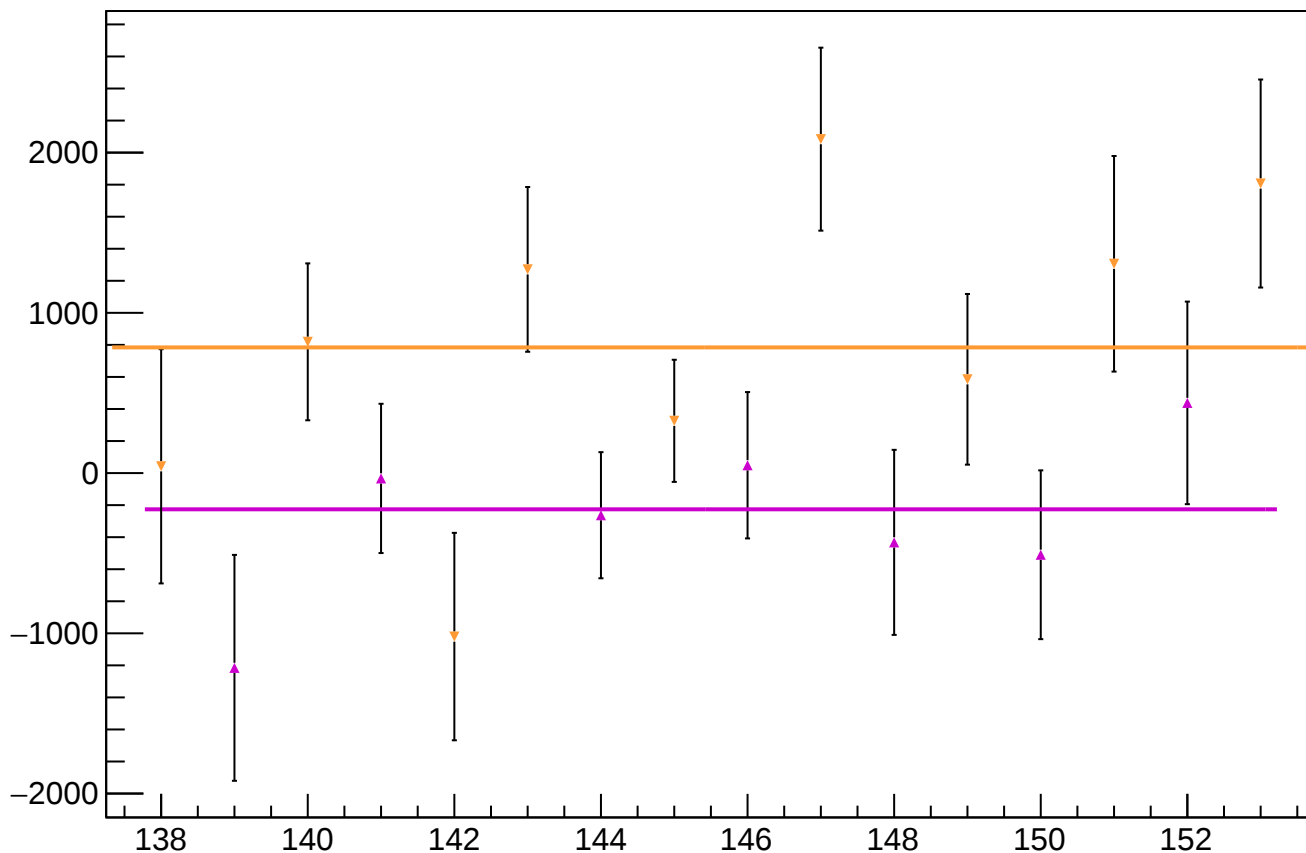
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 61.380 $\pm$ 0.012 χ^2 /NDF: 492932.0/23

Out: 60.871 $\pm$ 0.012 χ^2 /NDF: 805566.8/27

All: 61.113 $\pm$ 0.009 χ^2 /NDF: 1299372.7/51

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 784.317+/-181.748 χ^2/NDF :19.6/8

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

Left In: -226.095+/-192.512 χ^2/NDF :4.0/6

Left: 308.147+/-132.157 χ^2/NDF : 38.2/15

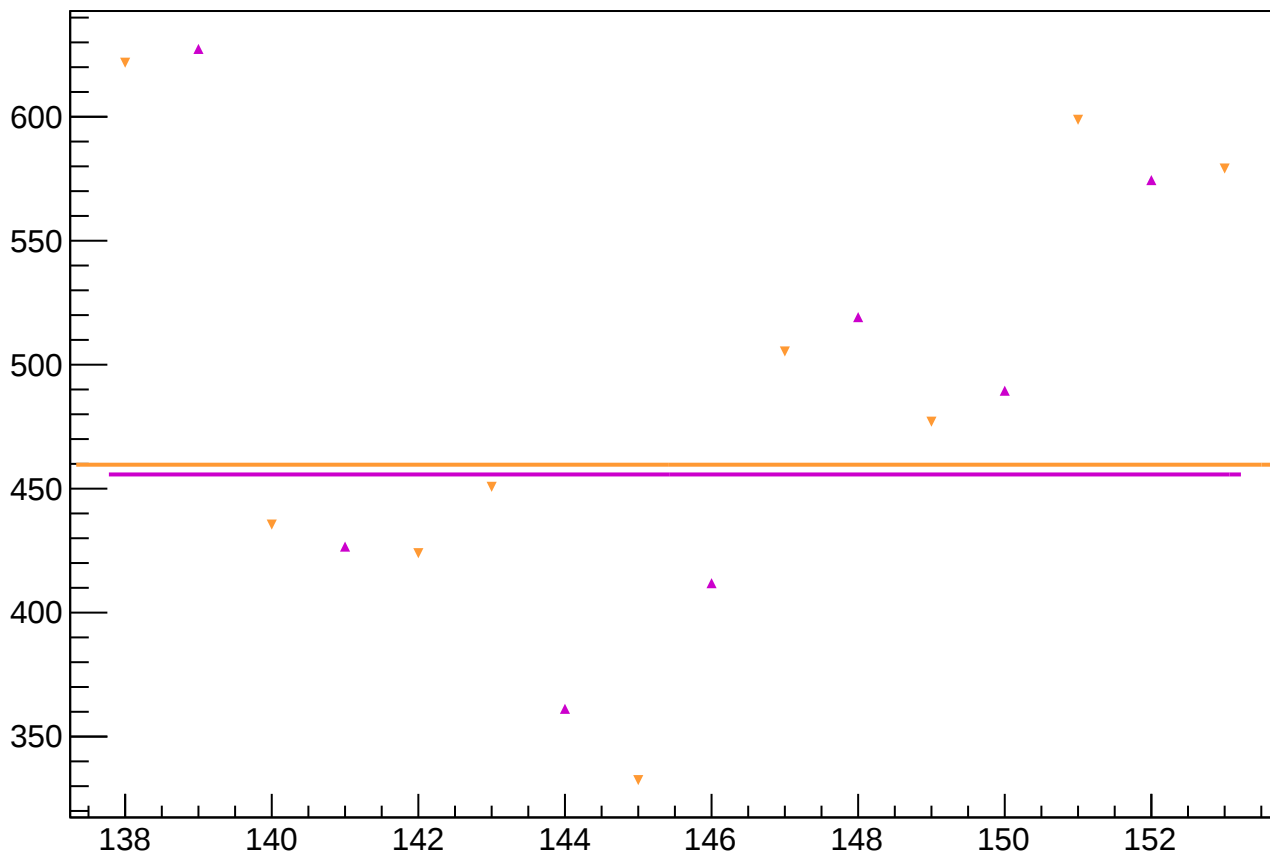
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -226.095+/-192.512 χ^2/NDF :4.0/6

Out: 784.317+/-181.748 χ^2/NDF :19.6/8

All: 308.147+/-132.157 χ^2/NDF : 38.2/15

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

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

Left In: 455.727+/-0.136 χ^2/NDF :363182.5/6

Left: 457.807+/-0.093 χ^2/NDF : 864656.8/15

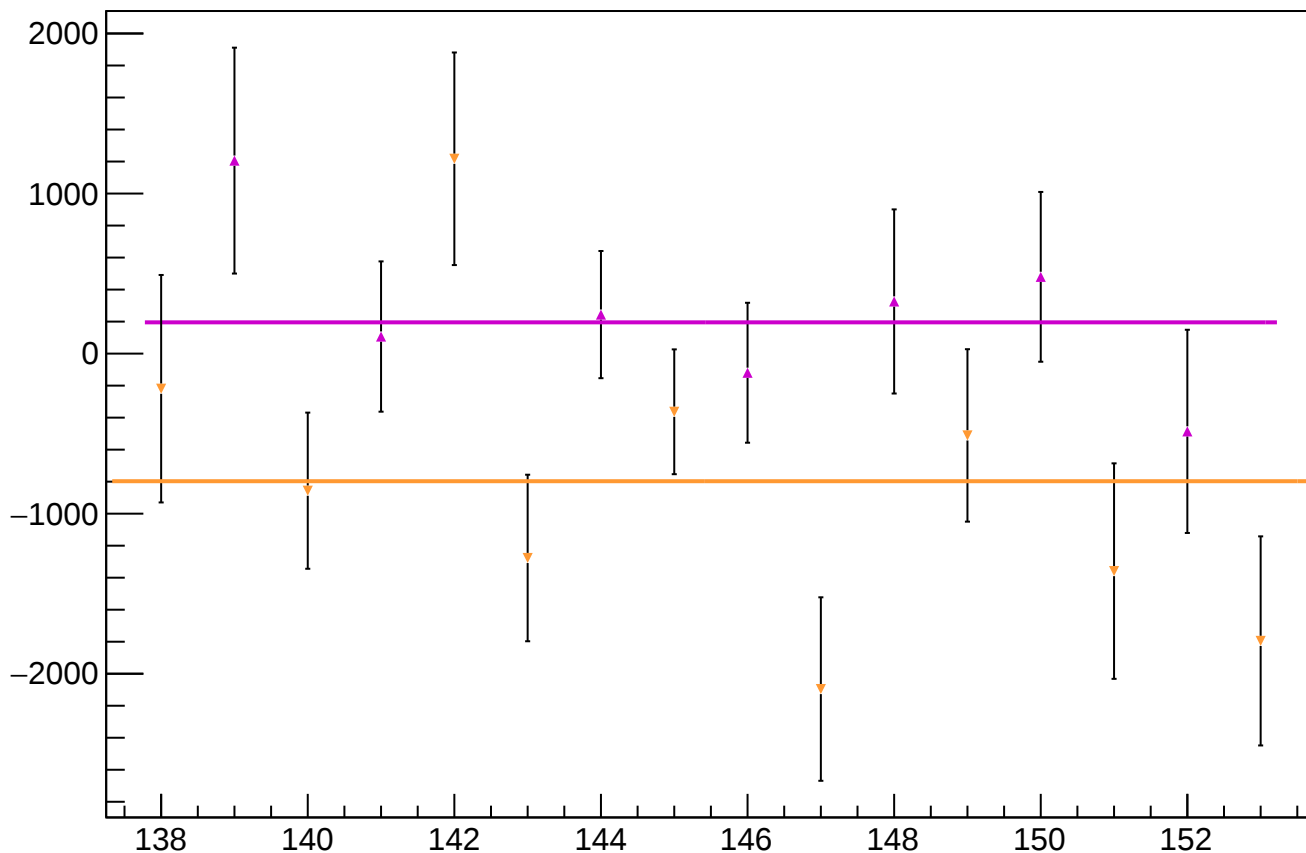
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.727+/-0.136 χ^2/NDF :363182.5/6

Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

All: 457.807+/-0.093 χ^2/NDF : 864656.8/15

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -797.212+/-183.299 χ^2/NDF :20.4/8

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

Left In: 195.325+/-191.839 χ^2/NDF :4.1/6

Left: -323.527+/-132.528 χ^2/NDF : 38.5/15

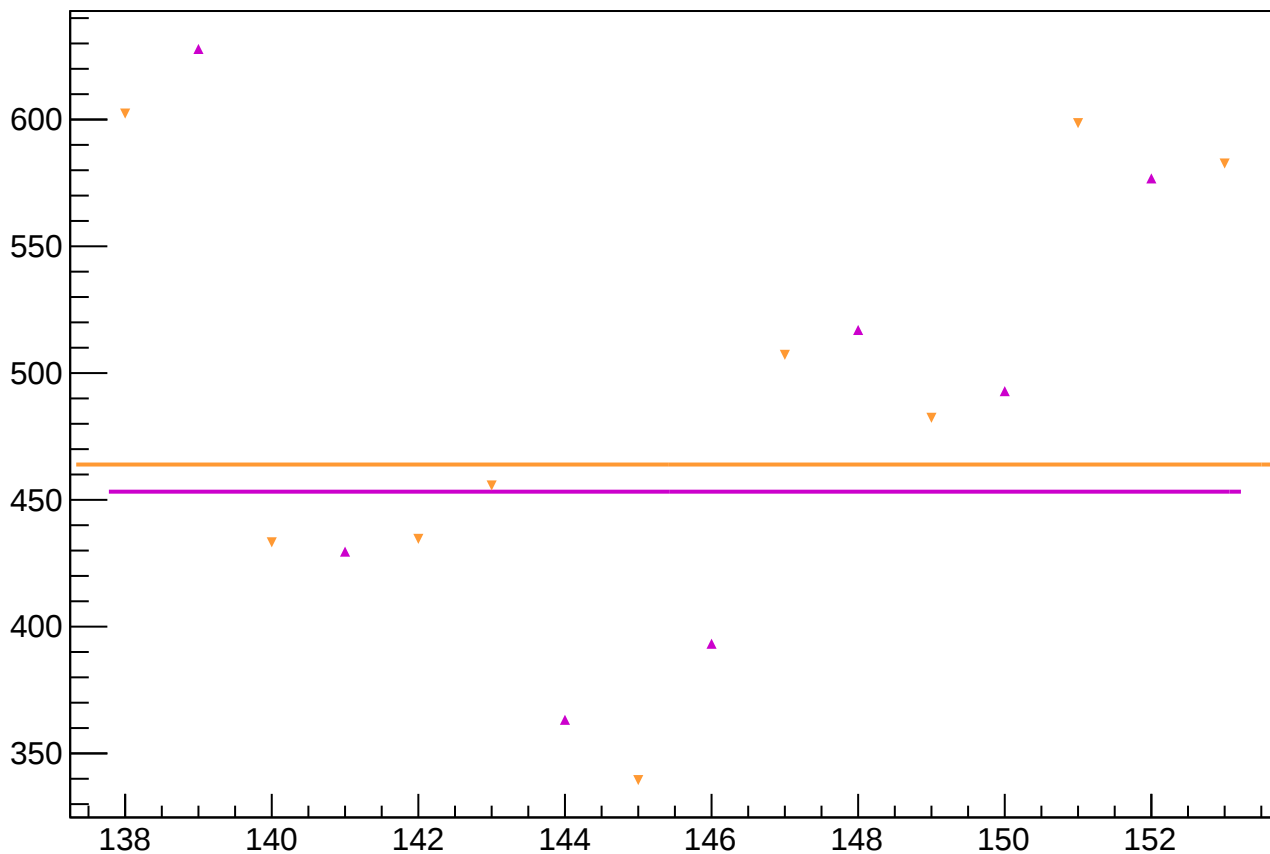
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -797.212+/-183.299 χ^2/NDF :20.4/8

All: -323.527+/-132.528 χ^2/NDF : 38.5/15

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

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

Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Left: 458.824+/-0.094 χ^2/NDF : 834321.7/15

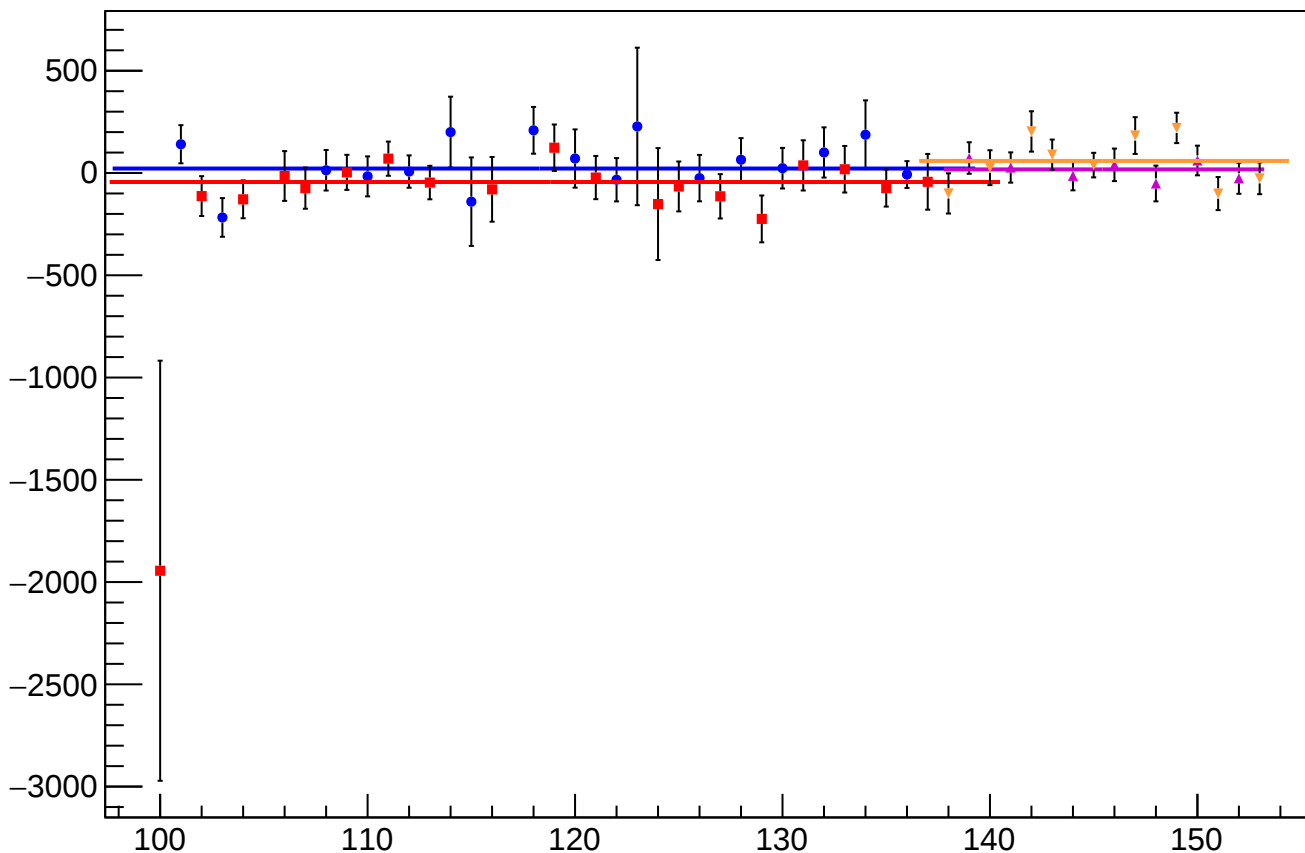
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

All: 458.824+/-0.094 χ^2/NDF : 834321.7/15

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 59.058 $\pm$ 26.458 χ^2 /NDF:16.9/8

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 17.689 $\pm$ 28.825 χ^2 /NDF:2.1/6

Left: 40.142 $\pm$ 19.492 χ^2 /NDF: 20.2/15

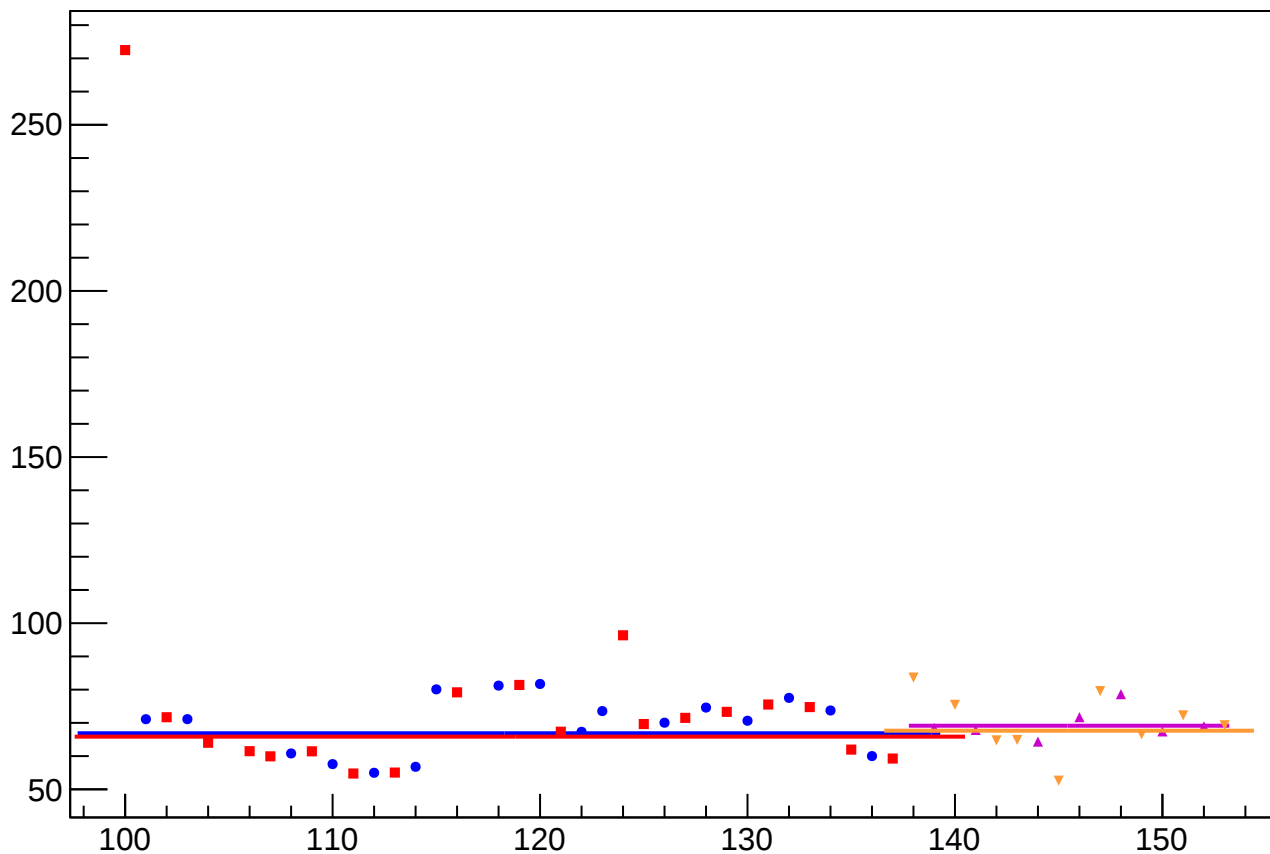
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 20.011 $\pm$ 19.329 χ^2 /NDF:17.2/23

Out: 4.857 $\pm$ 18.213 χ^2 /NDF:38.2/27

All: 11.984 $\pm$ 13.255 χ^2 /NDF: 55.7/51

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 67.647 $\pm$ 0.019 χ^2 /NDF:242371.3/8

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.144 $\pm$ 0.020 χ^2 /NDF:36659.1/6

Left: 68.332 $\pm$ 0.014 χ^2 /NDF: 281957.2/15

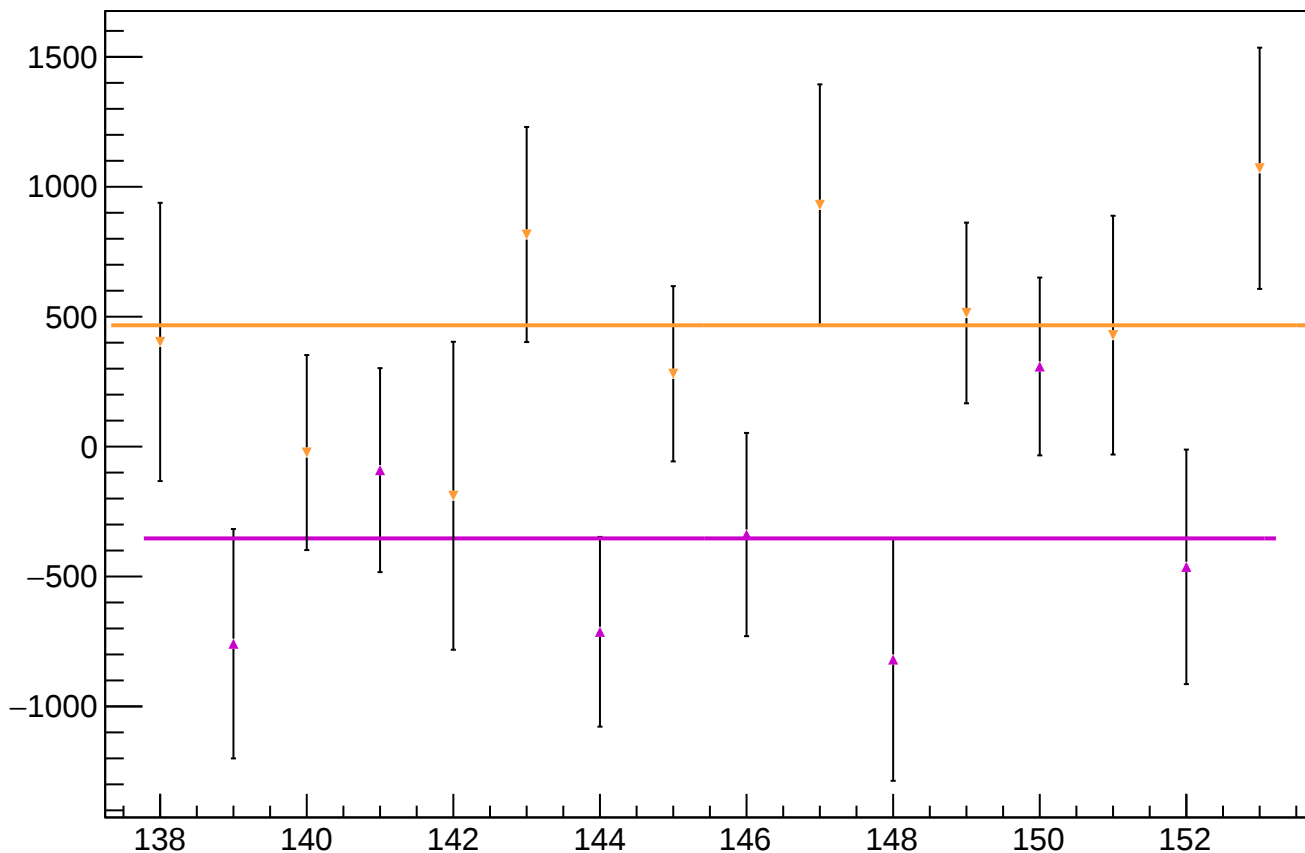
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.894 $\pm$ 0.014 χ^2 /NDF:246011.9/23

Out: 66.704 $\pm$ 0.013 χ^2 /NDF:547077.8/27

All: 67.263 $\pm$ 0.009 χ^2 /NDF: 797104.4/51

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 466.954 $\pm$ 140.925 χ^2 /NDF:6.7/8

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

Left In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Left: 85.852 $\pm$ 103.118 χ^2 /NDF: 29.5/15

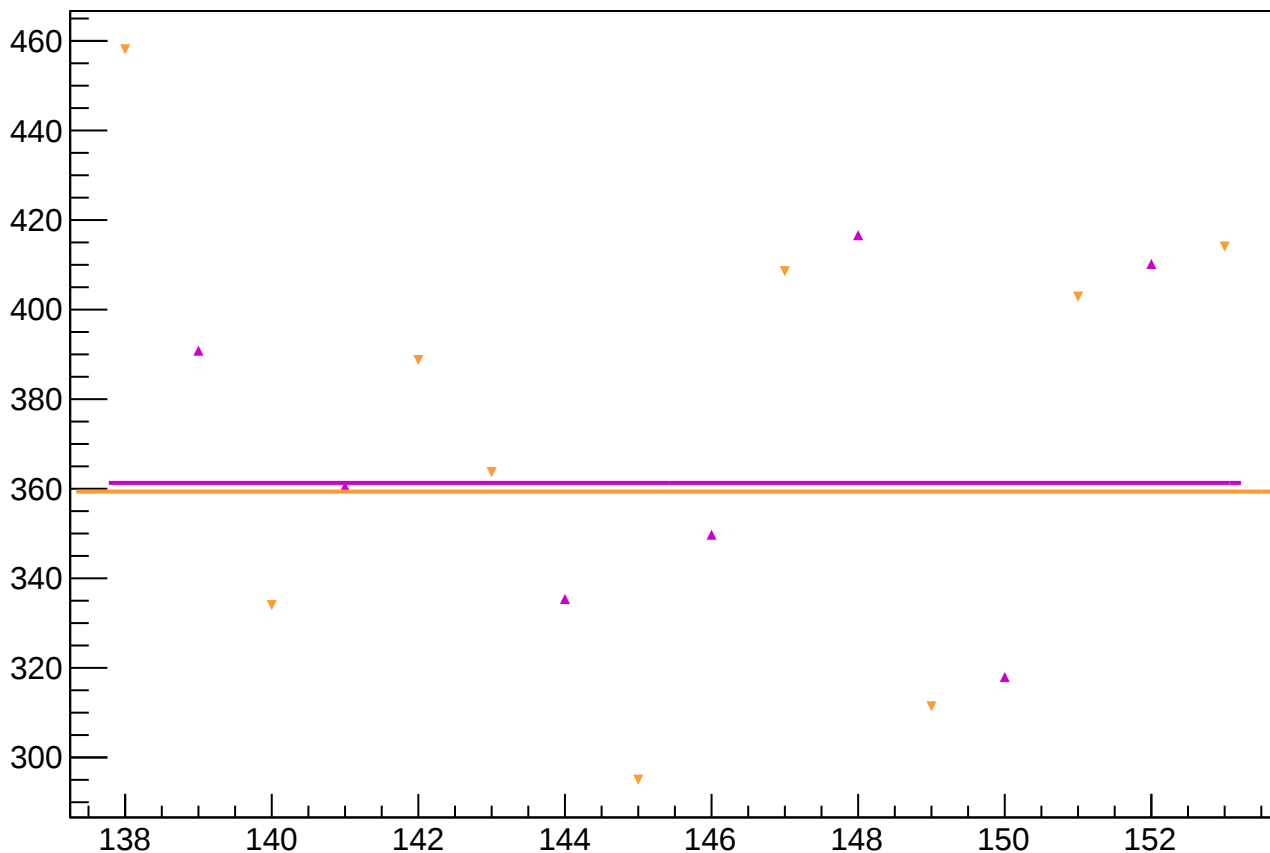
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Out: 466.954 $\pm$ 140.925 χ^2 /NDF:6.7/8

All: 85.852 $\pm$ 103.118 χ^2 /NDF: 29.5/15

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

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

Left In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Left: 360.271+/-0.073 χ^2/NDF : 365906.2/15

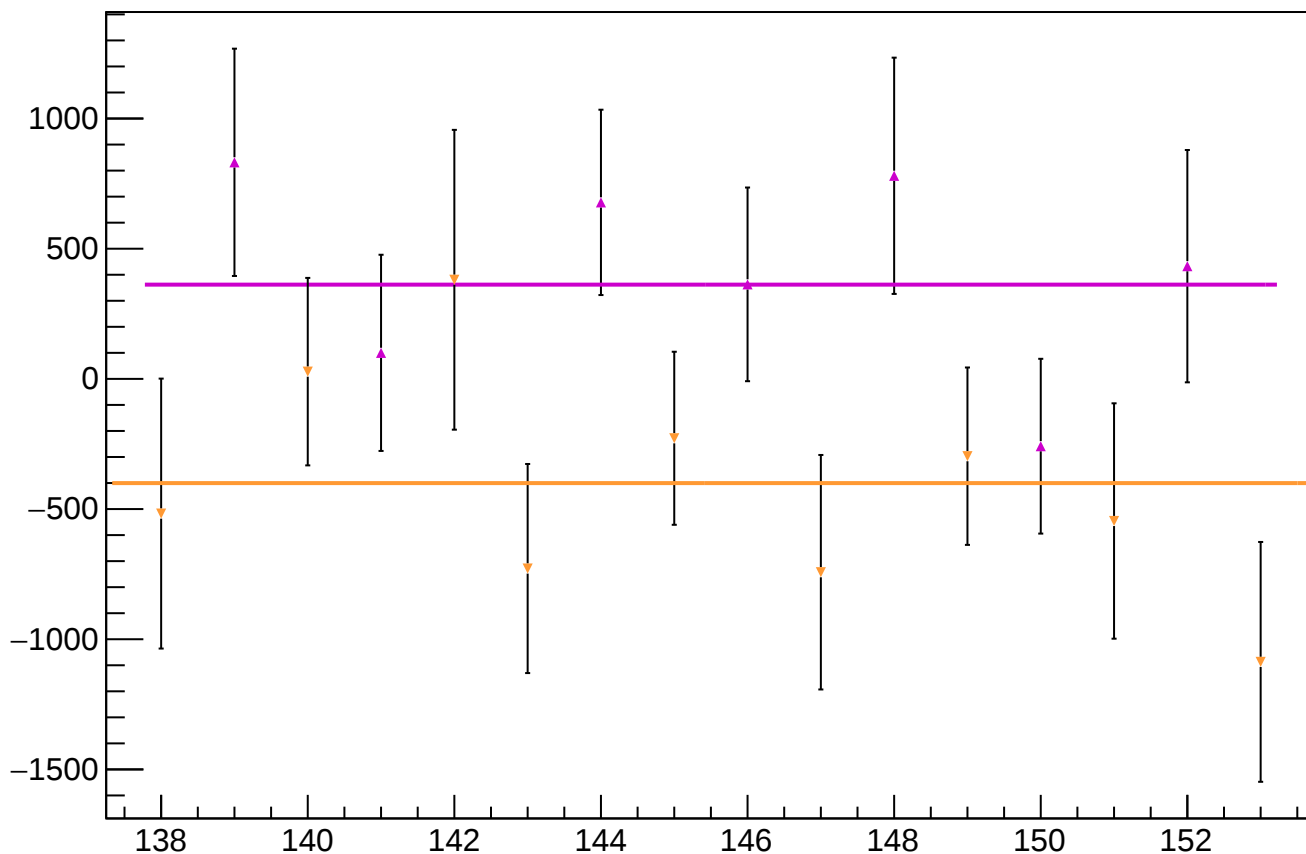
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

All: 360.271+/-0.073 χ^2/NDF : 365906.2/15

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

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

Left In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Left: -44.884+/-100.488 χ^2/NDF : 28.3/15

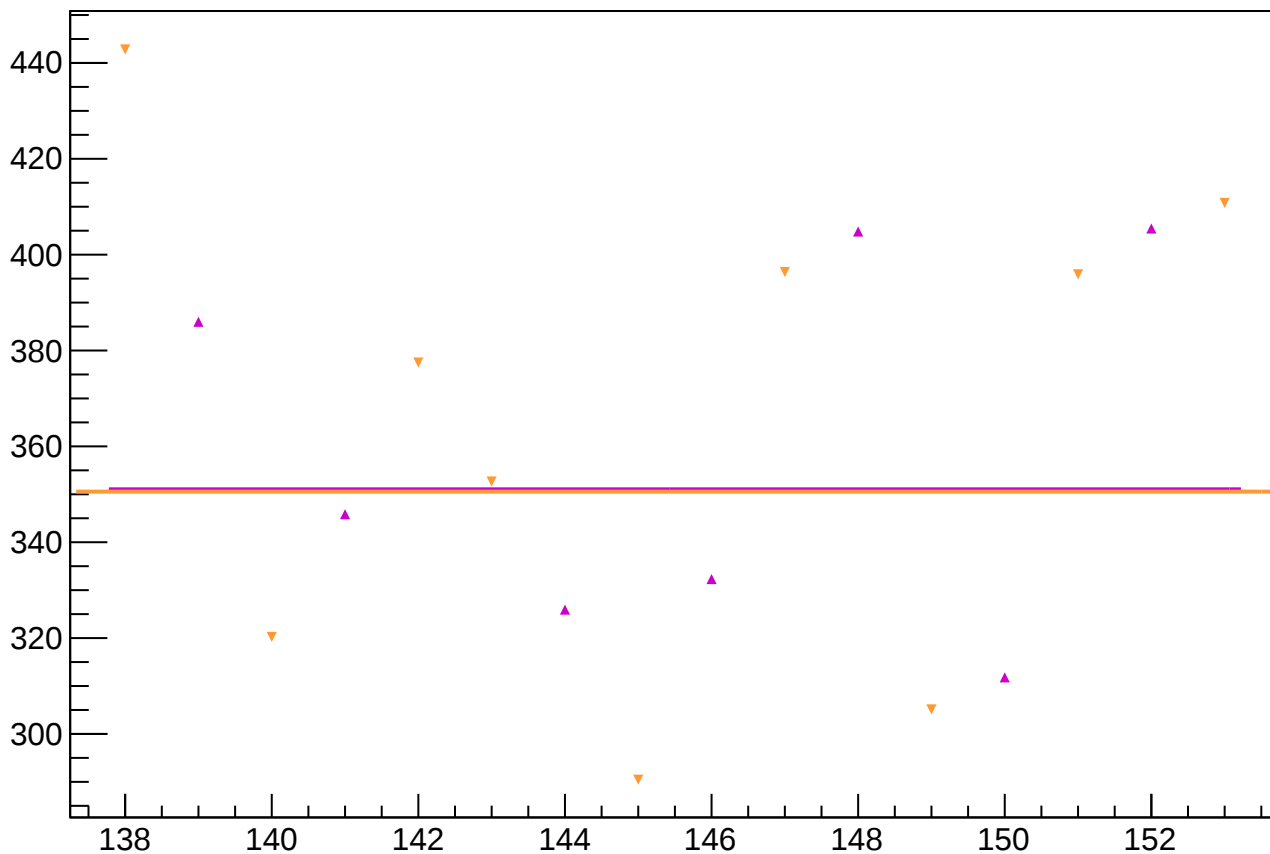
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

All: -44.884+/-100.488 χ^2/NDF : 28.3/15

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

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

Left In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Left: 350.781+/-0.071 χ^2/NDF : 371410.2/15

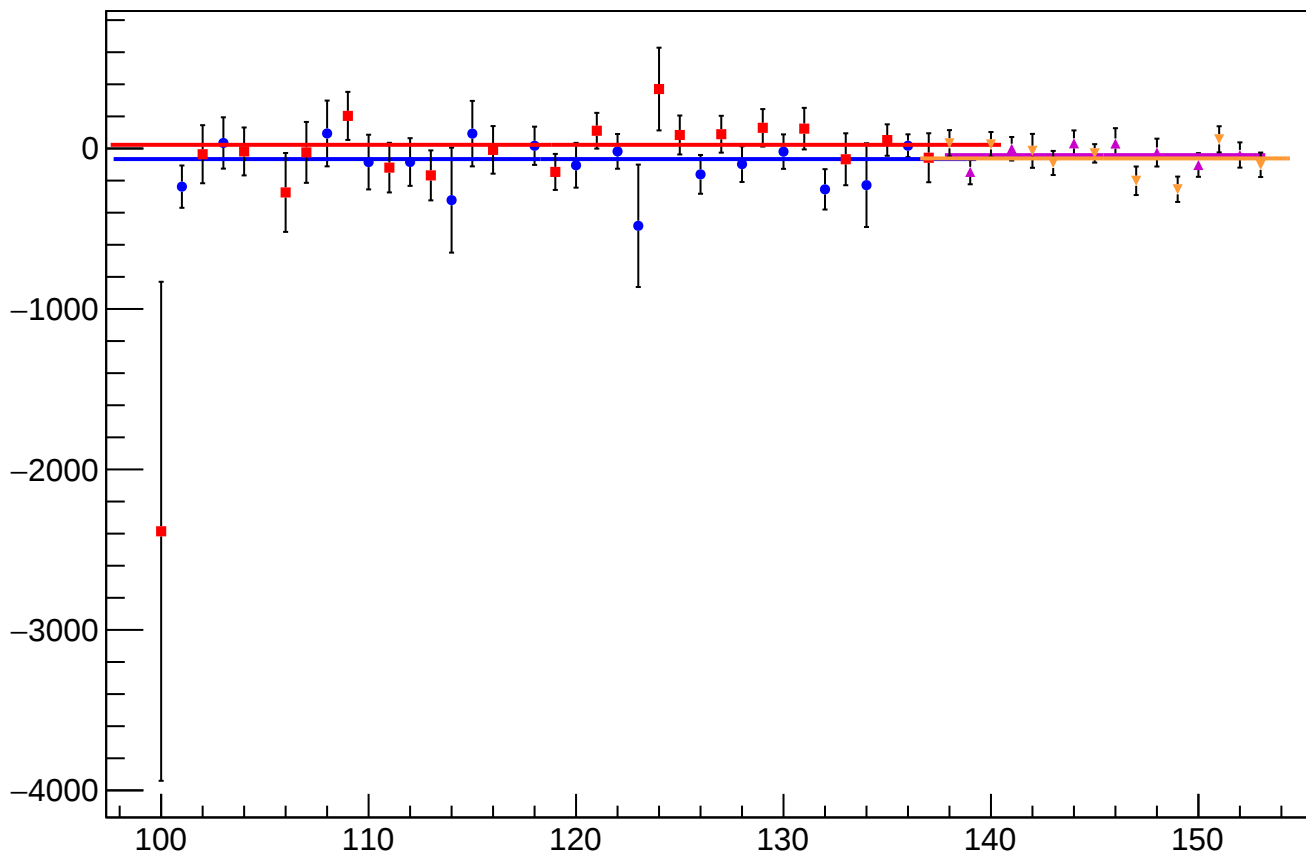
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

All: 350.781+/-0.071 χ^2/NDF : 371410.2/15

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -61.794 ± 25.856 χ^2/NDF : 14.0/8

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -41.392 ± 30.204 χ^2/NDF : 4.3/6

Left: -53.166 ± 19.642 χ^2/NDF : 18.6/15

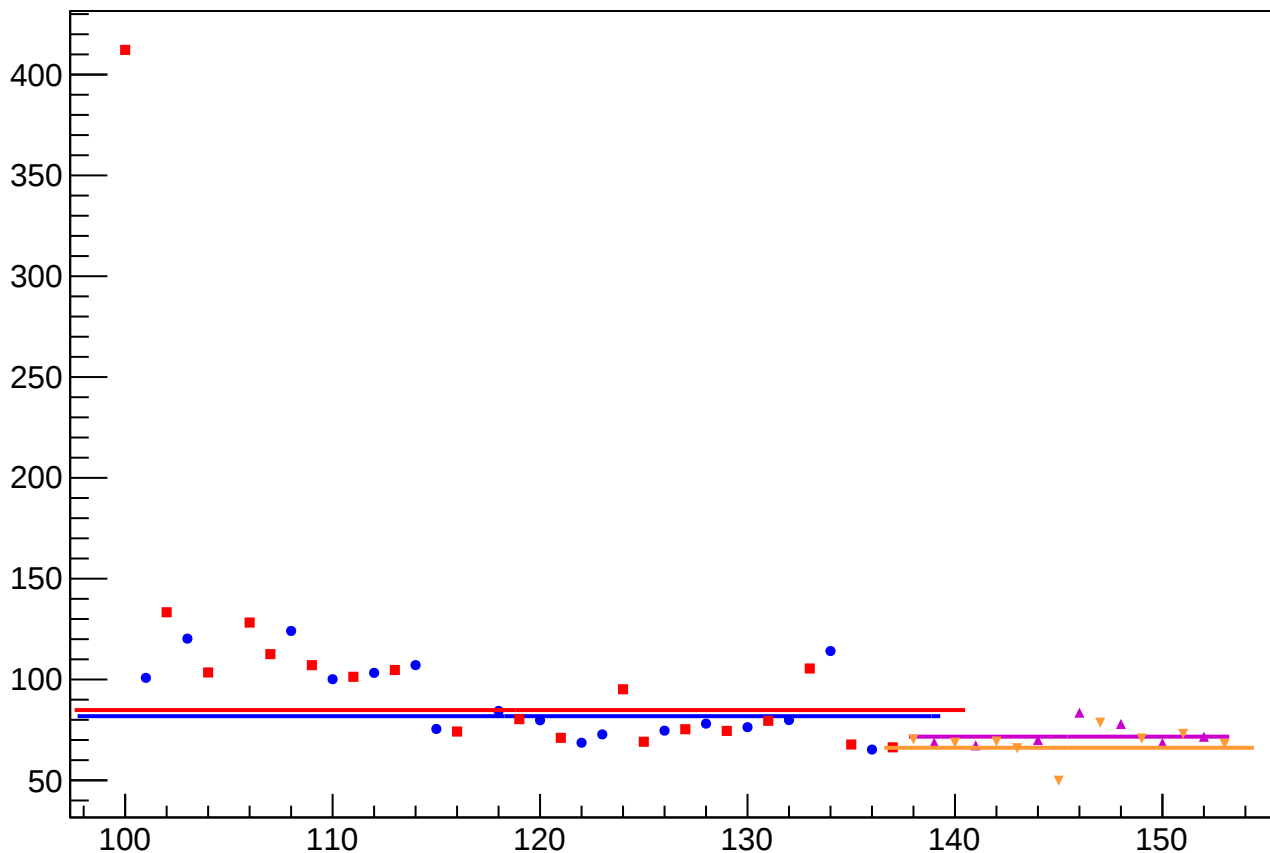
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -52.864 ± 22.058 χ^2/NDF : 15.4/23

Out: -29.310 ± 20.302 χ^2/NDF : 33.5/27

All: -40.112 ± 14.938 χ^2/NDF : 49.5/51

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 66.144+/-0.018 χ^2/NDF : 232299.2/8

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 71.651+/-0.021 χ^2/NDF : 55757.2/6

Left: 68.473+/-0.014 χ^2/NDF : 326422.7/15

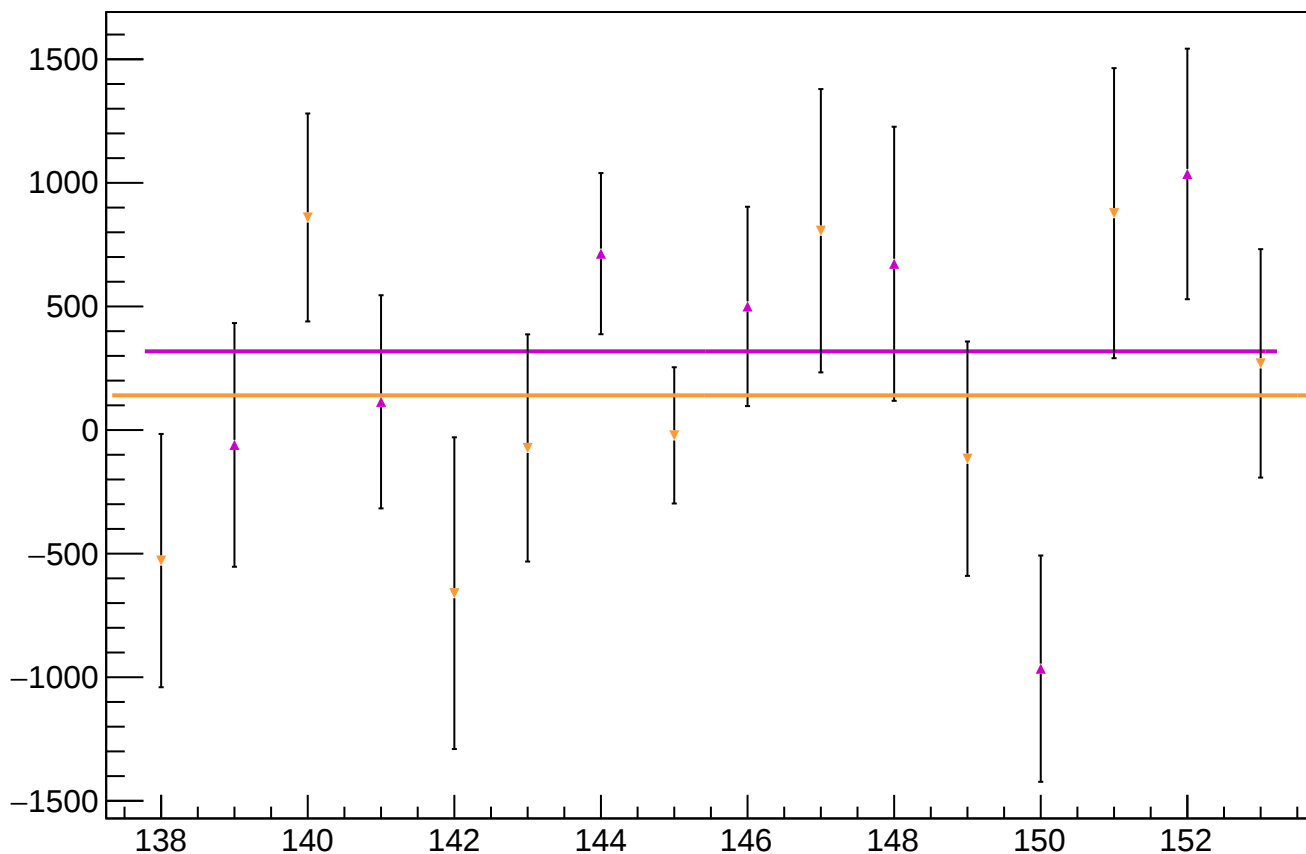
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 76.391+/-0.016 χ^2/NDF : 668515.7/23

Out: 73.313+/-0.014 χ^2/NDF : 1337821.0/27

All: 74.725+/-0.011 χ^2/NDF : 2027428.3/51

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 140.459+/-149.139 χ^2/NDF :10.1/8

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

Left In: 318.372+/-164.451 χ^2/NDF :12.8/6

Left: 220.749+/-110.475 χ^2/NDF : 23.5/15

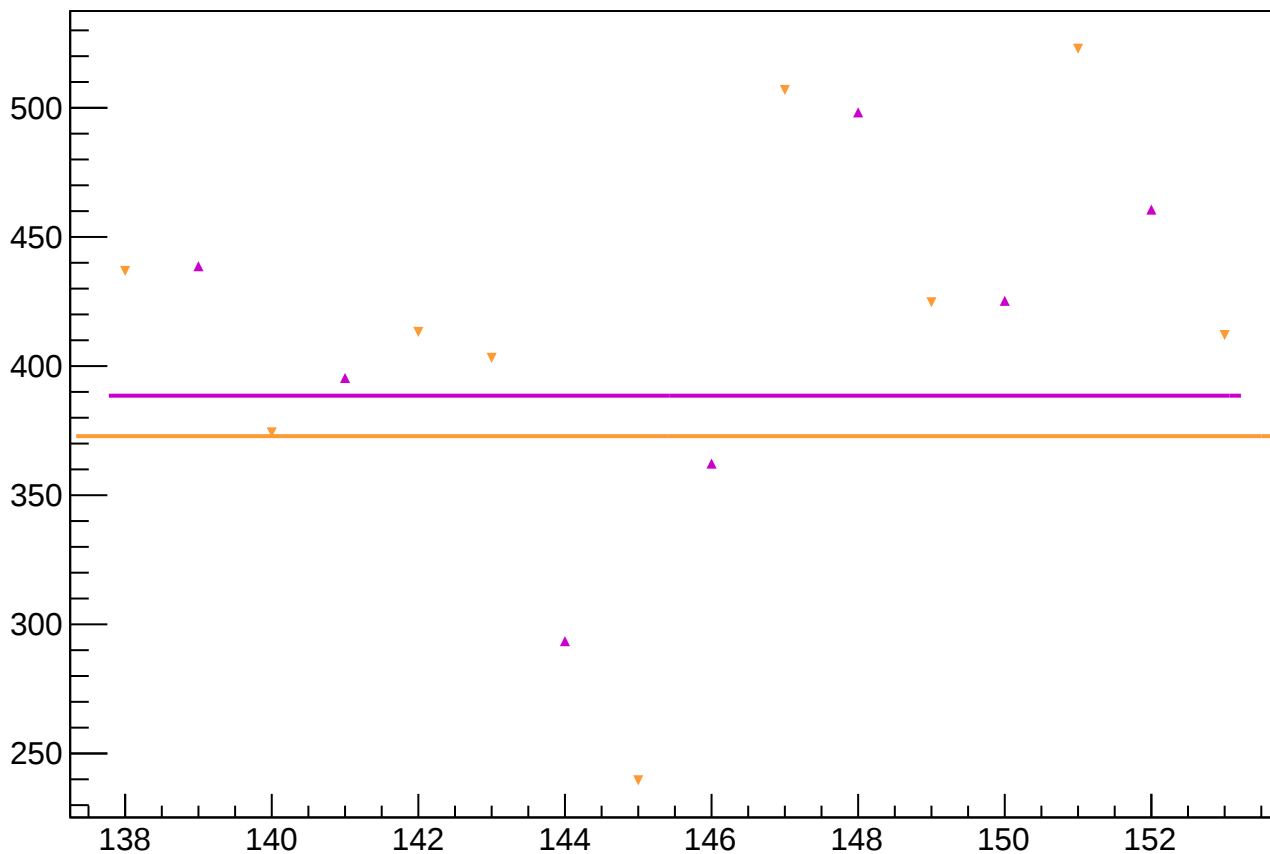
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 318.372+/-164.451 χ^2/NDF :12.8/6

Out: 140.459+/-149.139 χ^2/NDF :10.1/8

All: 220.749+/-110.475 χ^2/NDF : 23.5/15

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

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

Left In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Left: 379.945+/-0.078 χ^2/NDF : 1135369.1/15

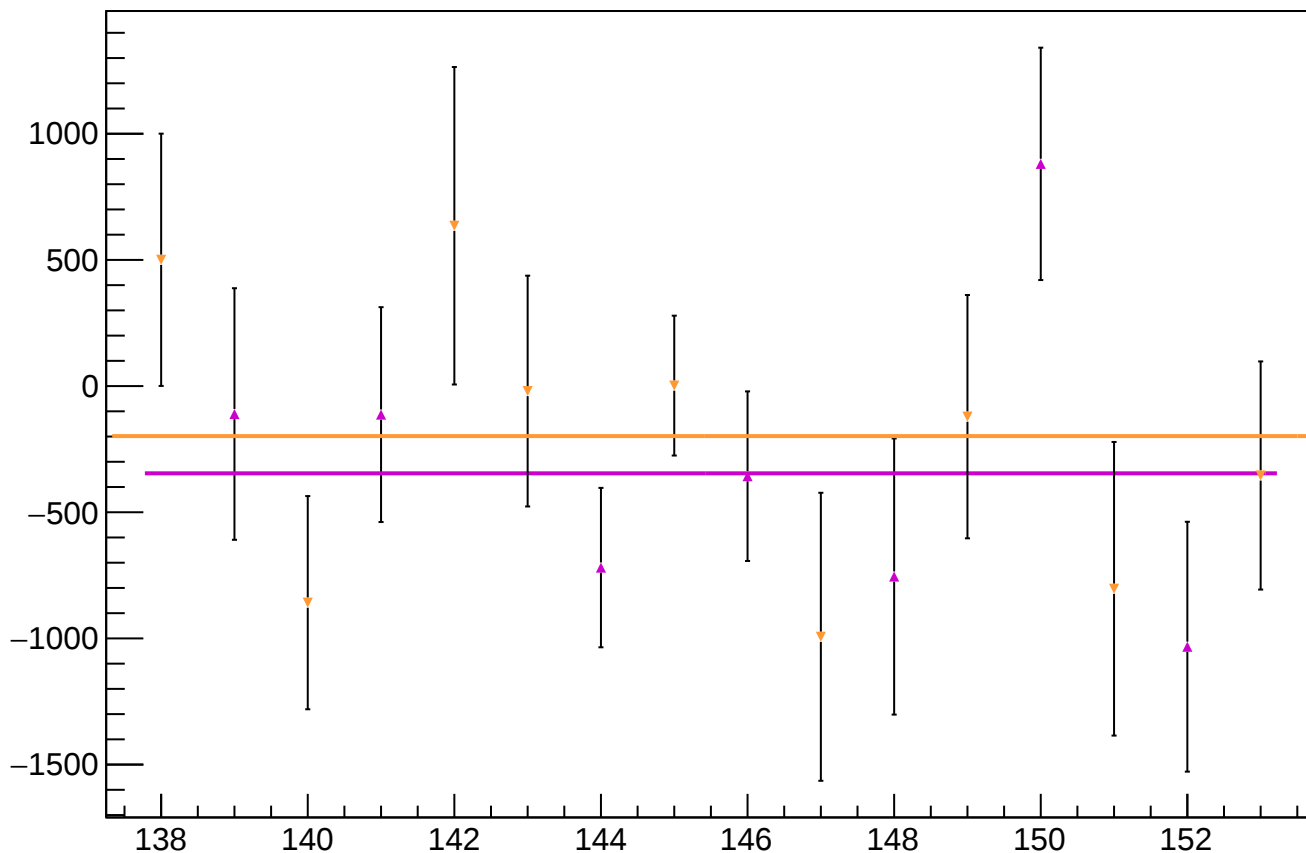
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

All: 379.945+/-0.078 χ^2/NDF : 1135369.1/15

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -198.198+/-148.817 χ^2/NDF :10.0/8

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

Left In: -345.726+/-157.031 χ^2/NDF :11.5/6

Left: -268.003+/-108.017 χ^2/NDF : 22.0/15

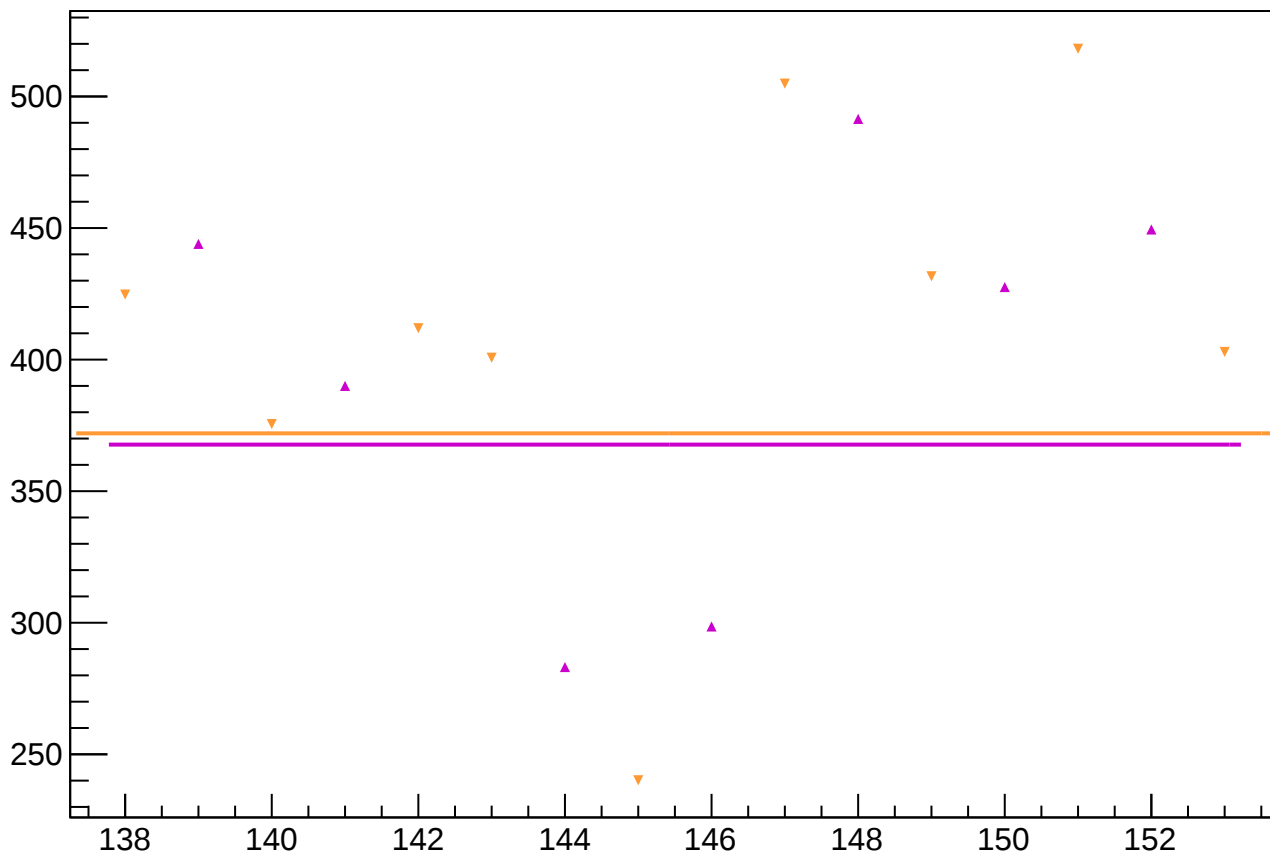
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF :11.5/6

Out: -198.198+/-148.817 χ^2/NDF :10.0/8

All: -268.003+/-108.017 χ^2/NDF : 22.0/15

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

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

Left In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Left: 369.956+/-0.076 χ^2/NDF : 1237419.3/15

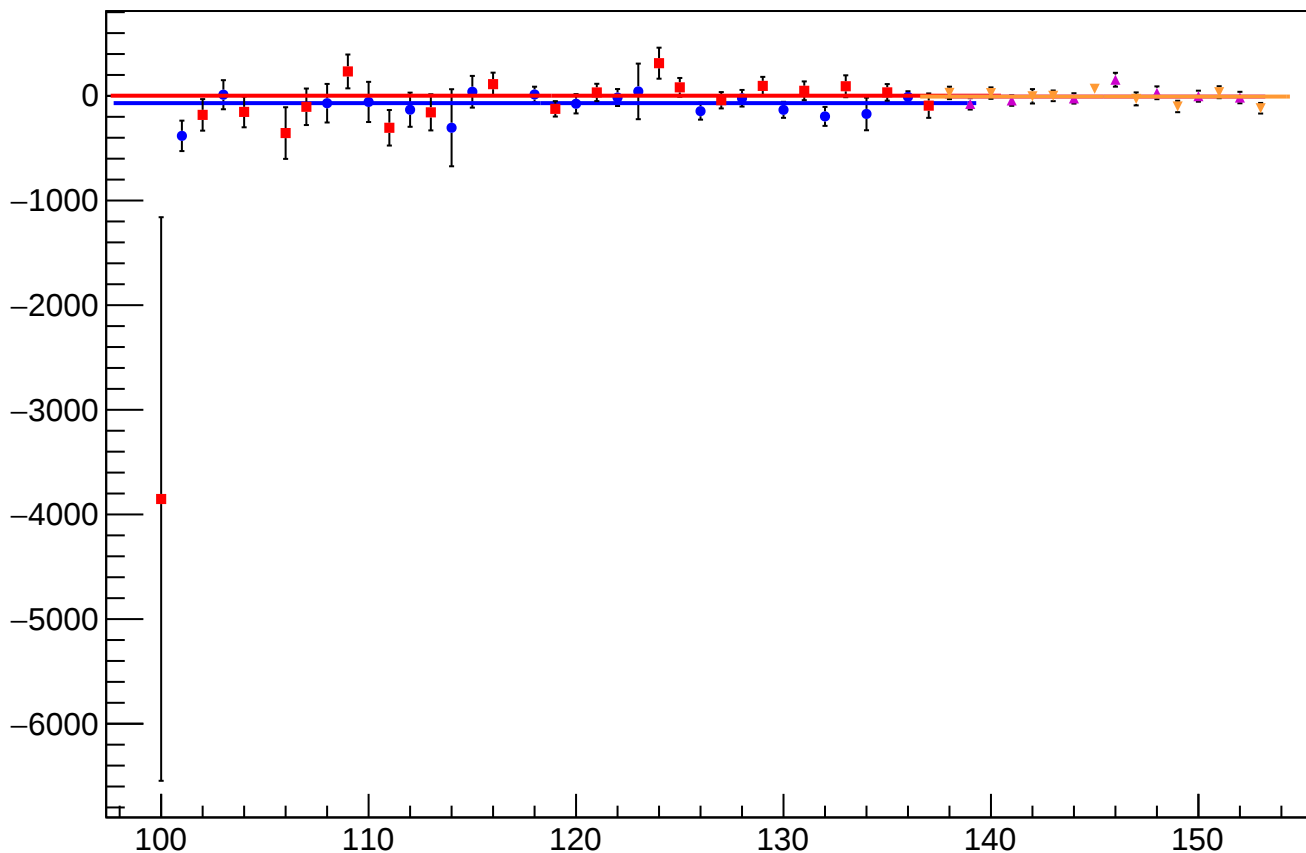
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

All: 369.956+/-0.076 χ^2/NDF : 1237419.3/15

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -6.557 ± 17.987 χ^2/NDF : 12.5/8

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -6.762 ± 20.747 χ^2/NDF : 8.6/6

Left: -6.645 ± 13.591 χ^2/NDF : 21.1/15

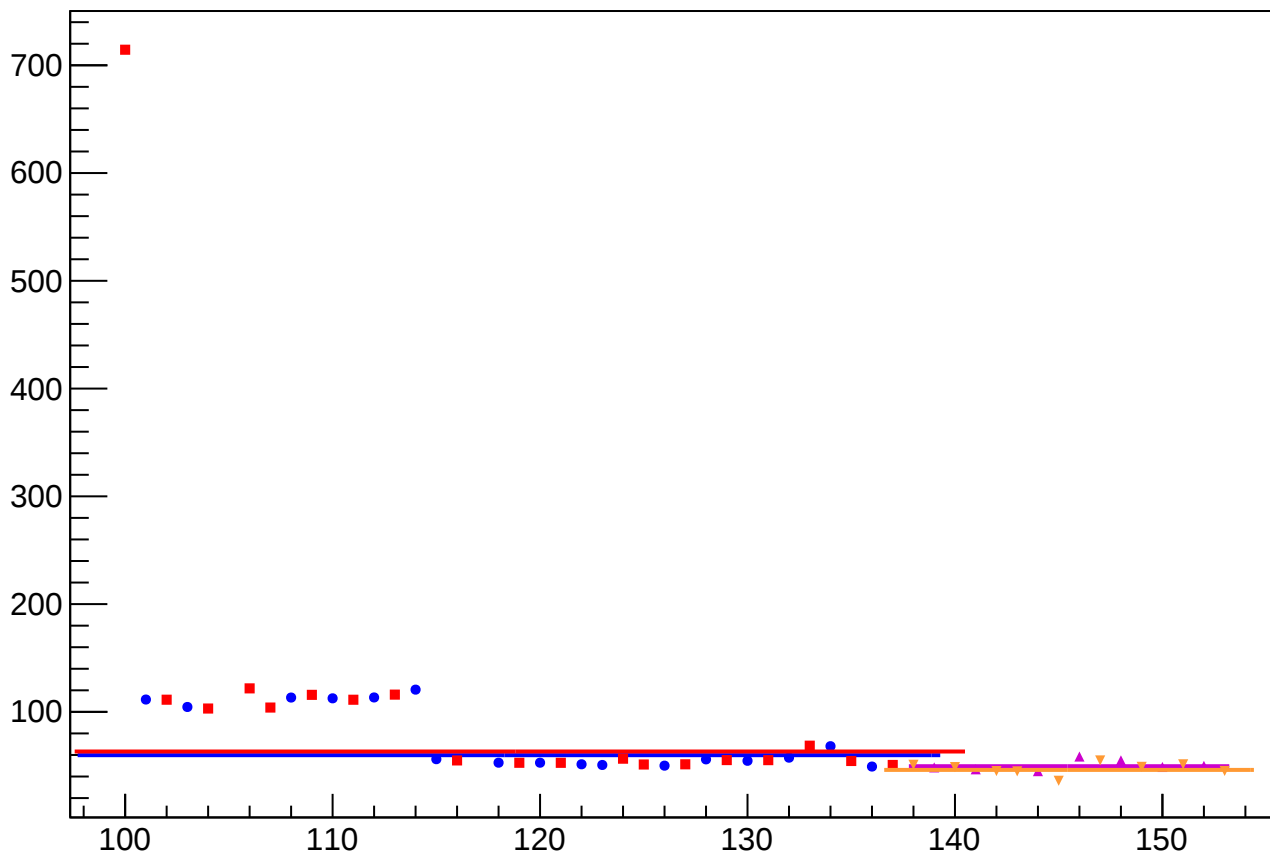
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -33.131 ± 15.767 χ^2/NDF : 25.9/23

Out: -3.753 ± 14.638 χ^2/NDF : 38.4/27

All: -17.352 ± 10.728 χ^2/NDF : 66.2/51

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.145 $\pm$ 0.013 χ^2 /NDF: 201268.4/8

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 49.578 $\pm$ 0.015 χ^2 /NDF: 77387.9/6

Left: 47.618 $\pm$ 0.010 χ^2 /NDF: 309932.0/15

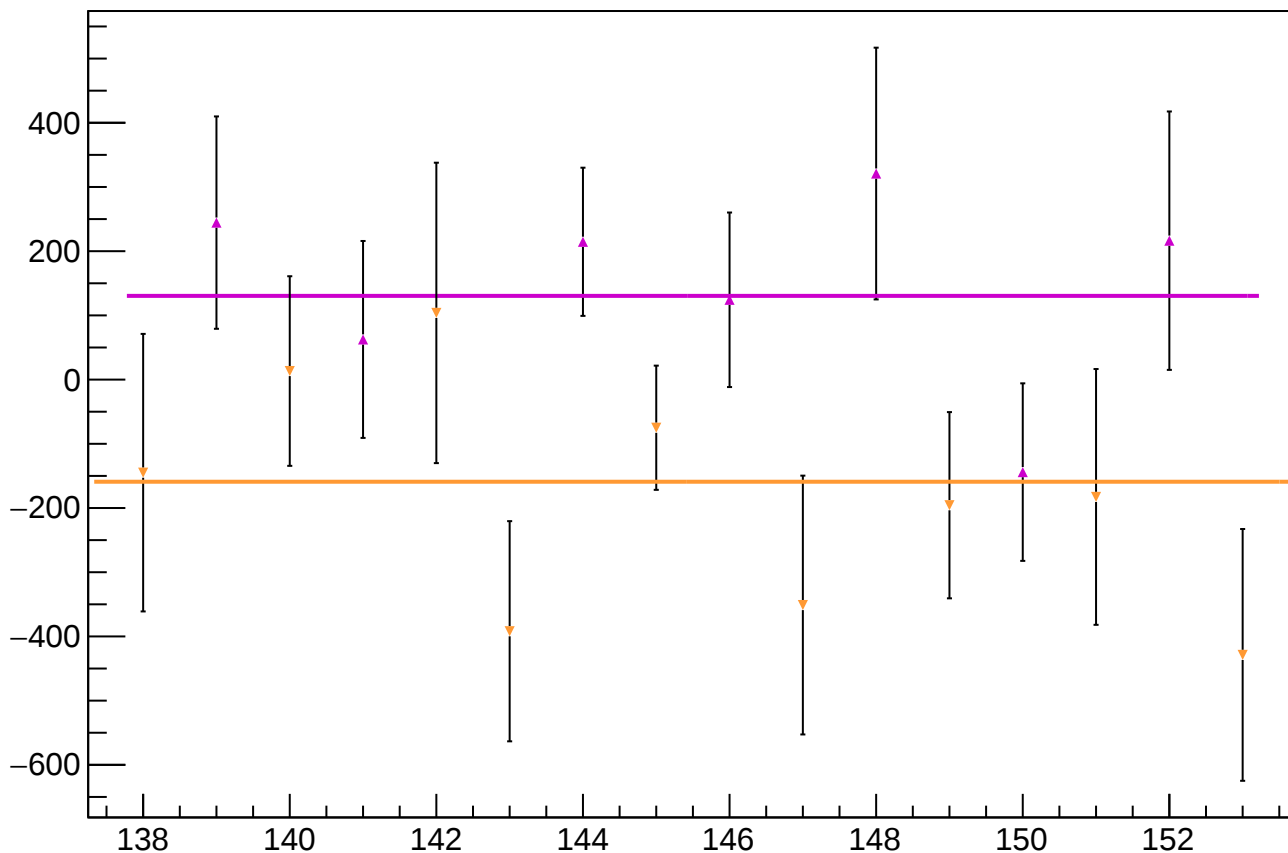
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 53.900 $\pm$ 0.011 χ^2 /NDF: 1512790.7/23

Out: 51.913 $\pm$ 0.010 χ^2 /NDF: 2314502.5/27

All: 52.833 $\pm$ 0.008 χ^2 /NDF: 3844345.8/51

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

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

Left In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Left: -22.743+/-38.891 χ^2/NDF : 28.2/15

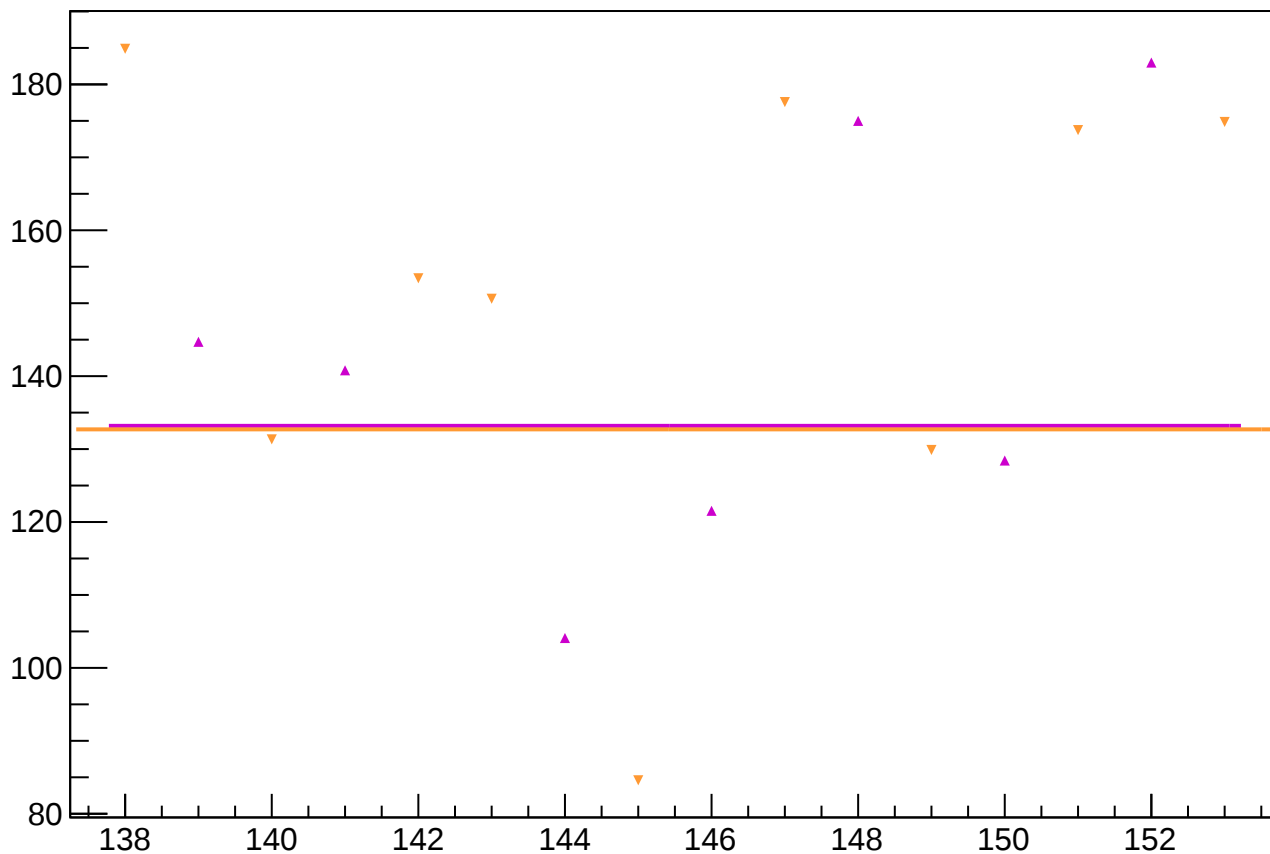
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

All: -22.743+/-38.891 χ^2/NDF : 28.2/15

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 132.703+/-0.038 χ^2/NDF :926235.2/8

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

Left In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Left: 132.930+/-0.027 χ^2/NDF : 1298605.5/15

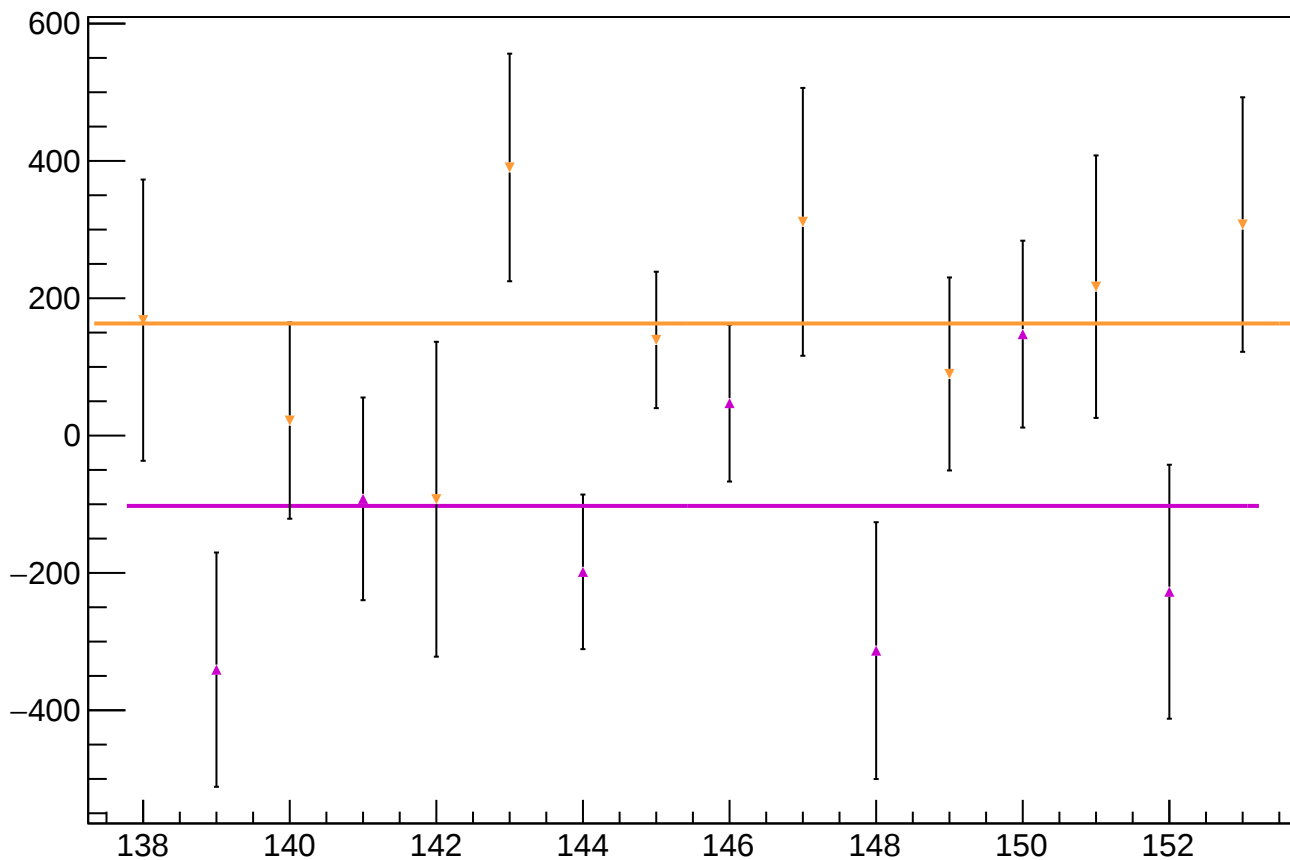
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Out: 132.703+/-0.038 χ^2/NDF :926235.2/8

All: 132.930+/-0.027 χ^2/NDF : 1298605.5/15

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

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

Left In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Left: 33.289+/-37.511 χ^2/NDF : 27.7/15

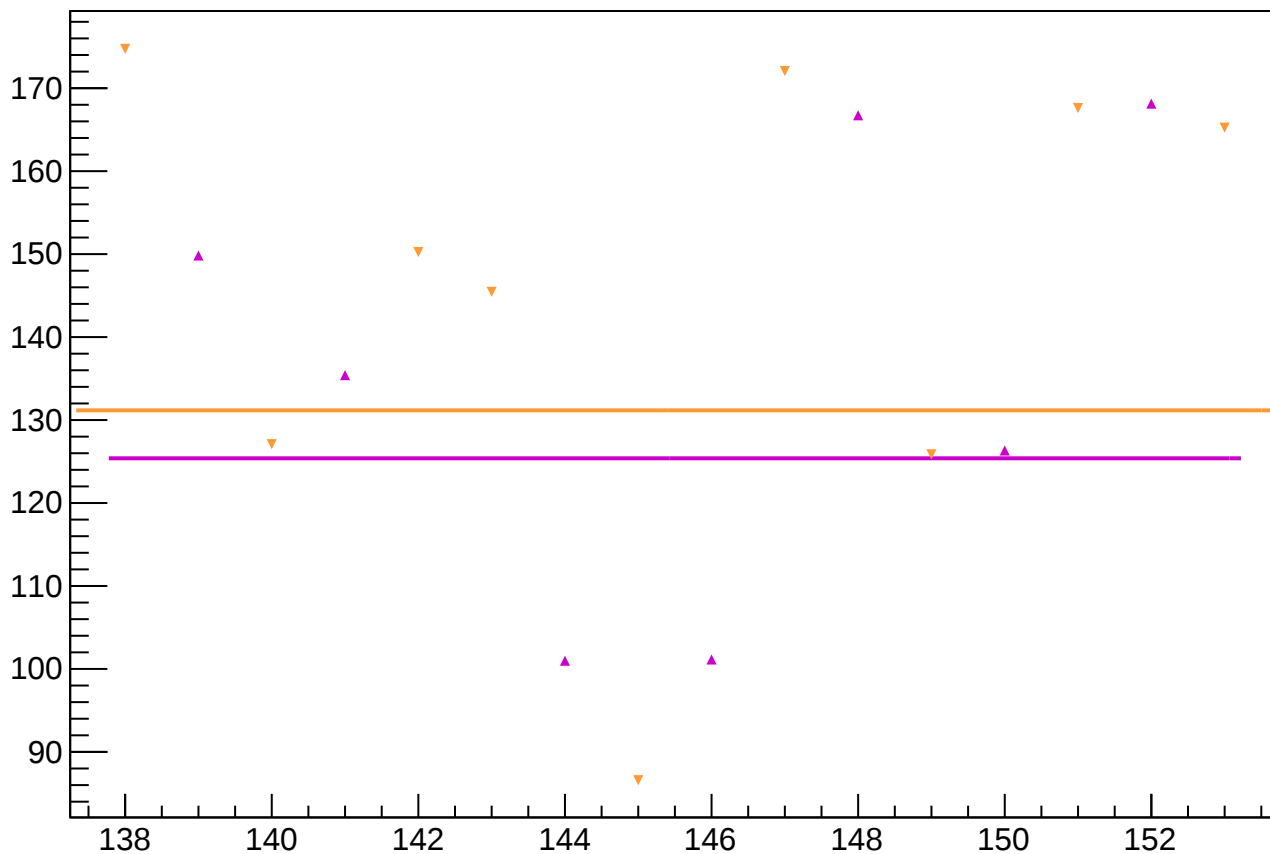
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

All: 33.289+/-37.511 χ^2/NDF : 27.7/15

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

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

Left In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Left: 128.341+/-0.027 χ^2/NDF : 1205842.9/15

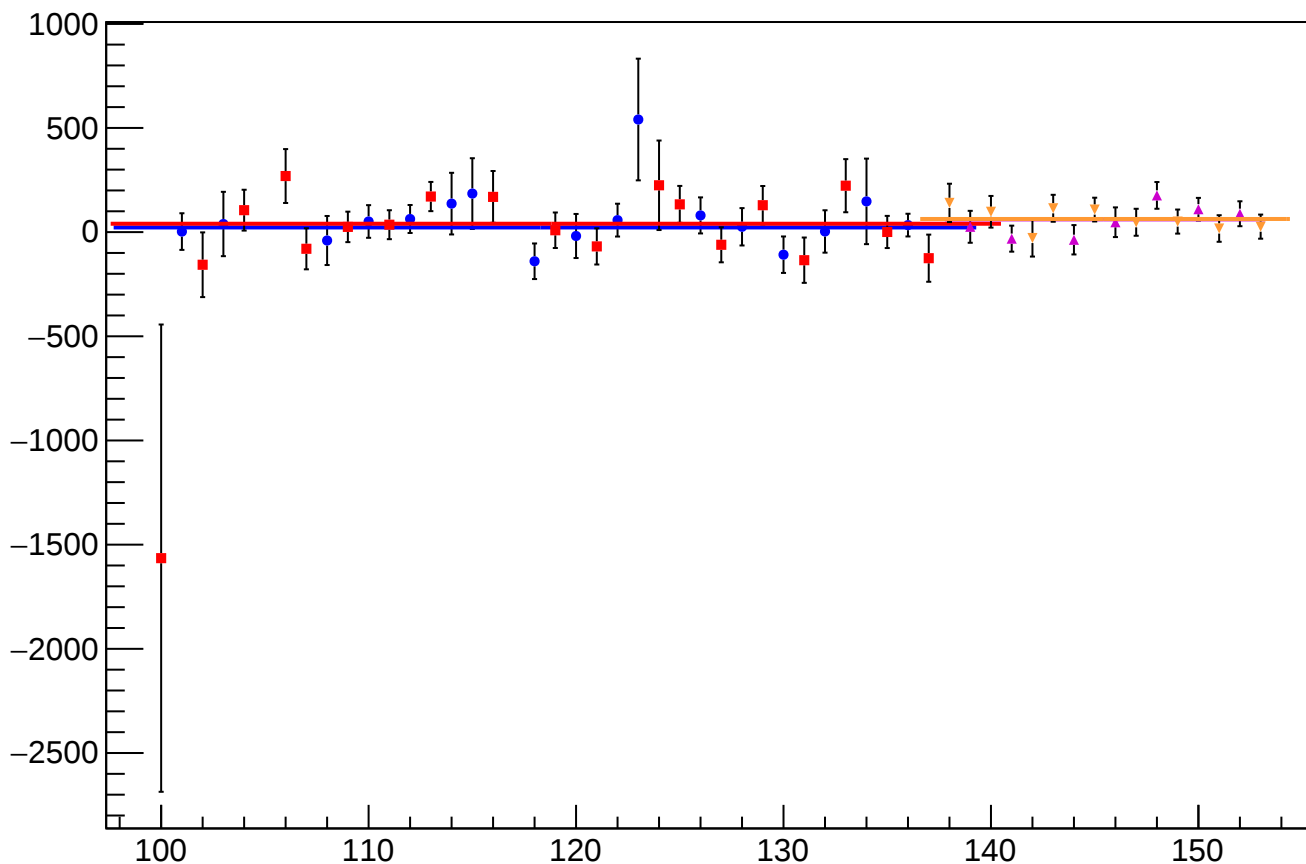
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

All: 128.341+/-0.027 χ^2/NDF : 1205842.9/15

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 63.099 $\pm$ 22.101 χ^2 /NDF:4.2/8

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 61.054 $\pm$ 24.347 χ^2 /NDF:8.6/6

Left: 62.176 $\pm$ 16.364 χ^2 /NDF: 12.9/15

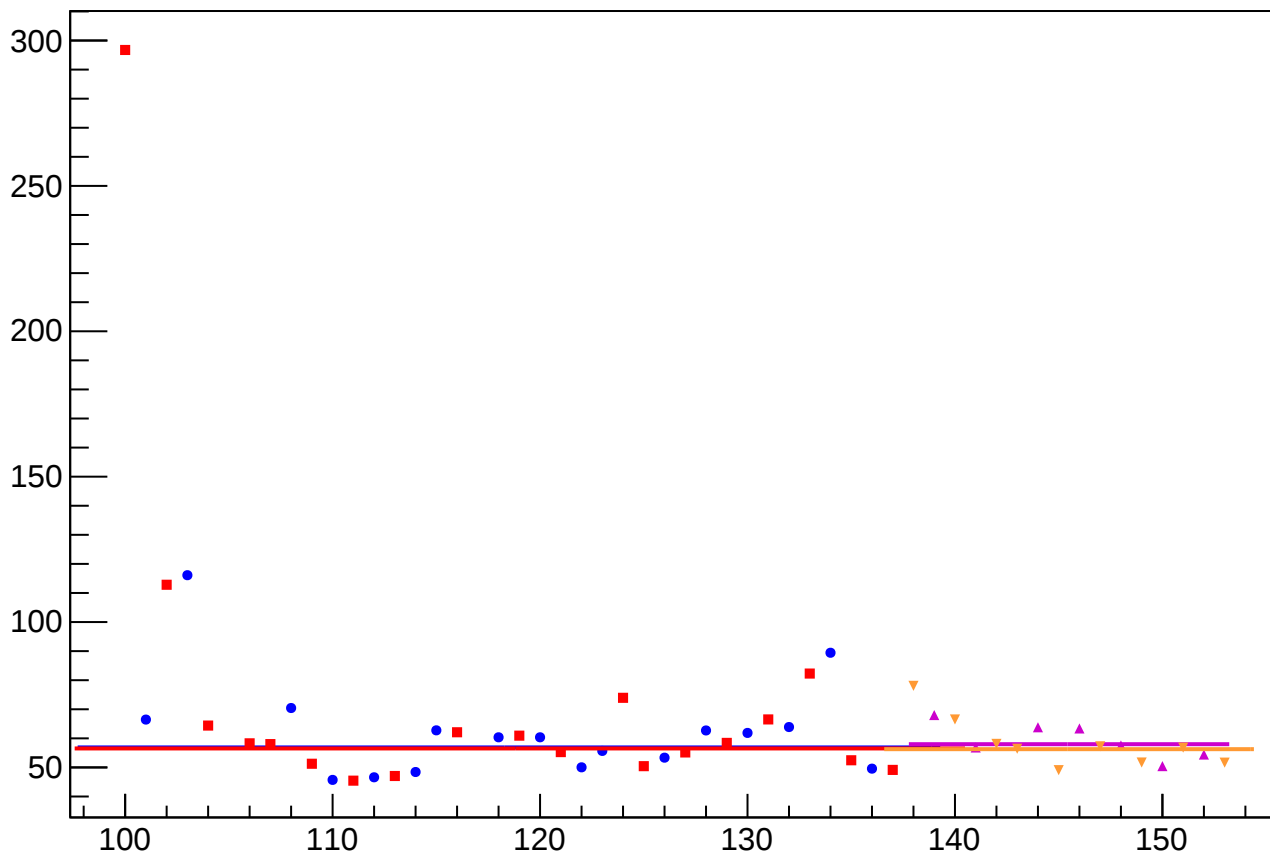
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 40.291 $\pm$ 16.574 χ^2 /NDF:22.6/23

Out: 51.687 $\pm$ 15.639 χ^2 /NDF:31.0/27

All: 46.319 $\pm$ 11.374 χ^2 /NDF: 53.9/51

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 56.281 $\pm$ 0.016 χ^2 /NDF: 207325.0/8

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 57.992 $\pm$ 0.017 χ^2 /NDF: 105849.2/6

Left: 57.054 $\pm$ 0.012 χ^2 /NDF: 318588.8/15

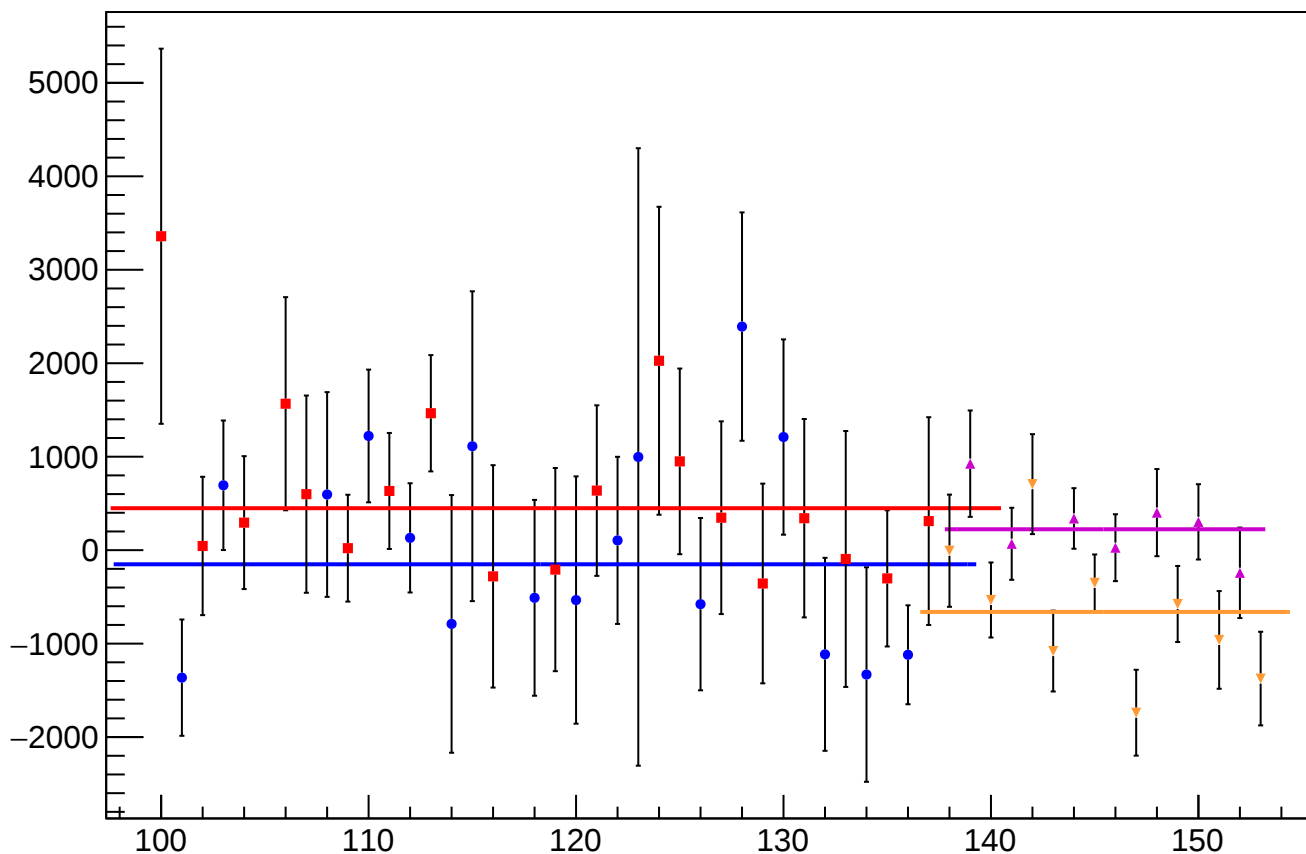
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.395 $\pm$ 0.012 χ^2 /NDF: 683580.9/23

Out: 56.404 $\pm$ 0.011 χ^2 /NDF: 819722.8/27

All: 56.871 $\pm$ 0.008 χ^2 /NDF: 1507081.8/51

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -660.871 $\pm$ 145.687 χ^2 /NDF:17.7/8

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 223.592 $\pm$ 153.989 χ^2 /NDF:3.2/6

Left: -243.121 $\pm$ 105.830 χ^2 /NDF: 38.4/15

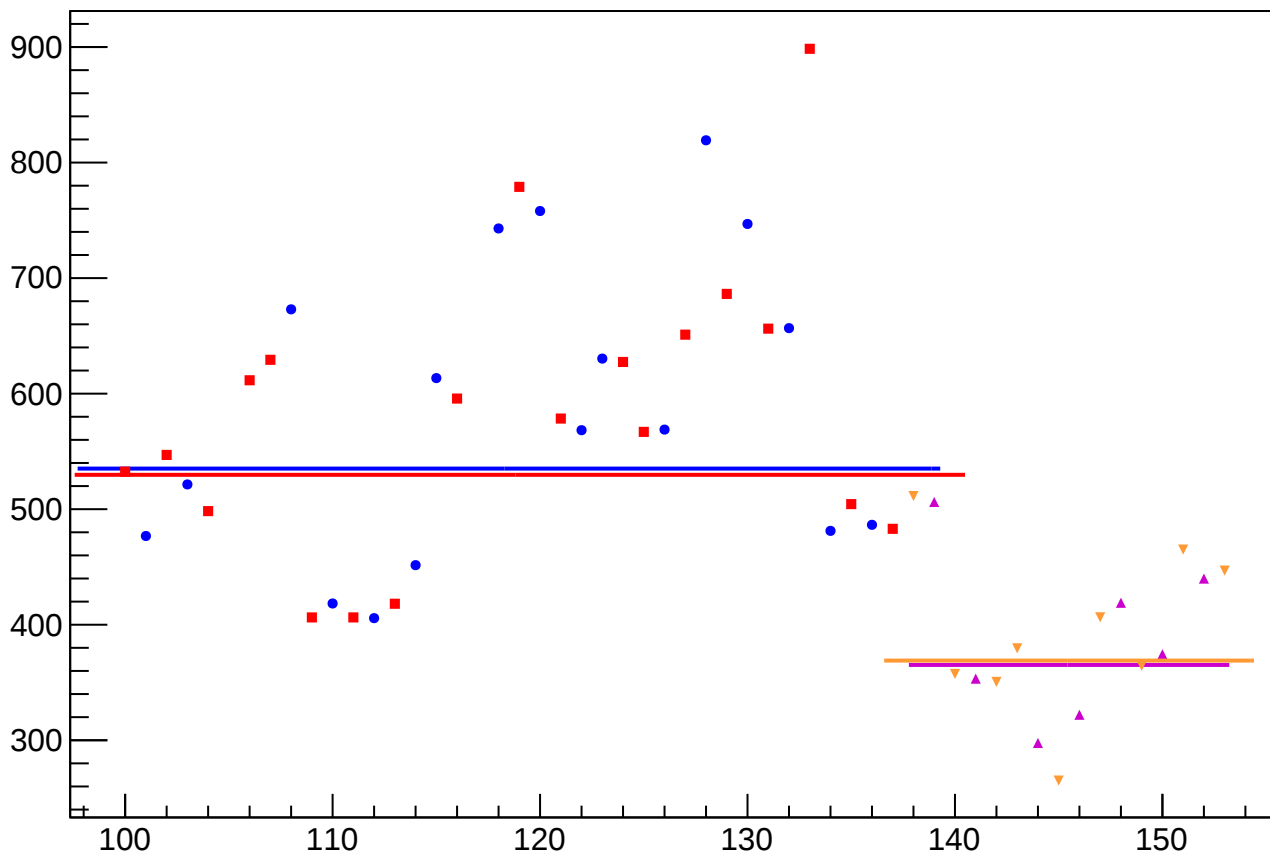
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 94.506 $\pm$ 124.681 χ^2 /NDF:27.7/23

Out: -286.027 $\pm$ 118.558 χ^2 /NDF:47.9/27

All: -105.333 $\pm$ 85.916 χ^2 /NDF: 80.5/51

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 368.965 $\pm$ 0.103 χ^2 /NDF: 481619.8/8

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 365.197 $\pm$ 0.109 χ^2 /NDF: 316012.0/6

Left: 367.185 $\pm$ 0.075 χ^2 /NDF: 798264.0/15

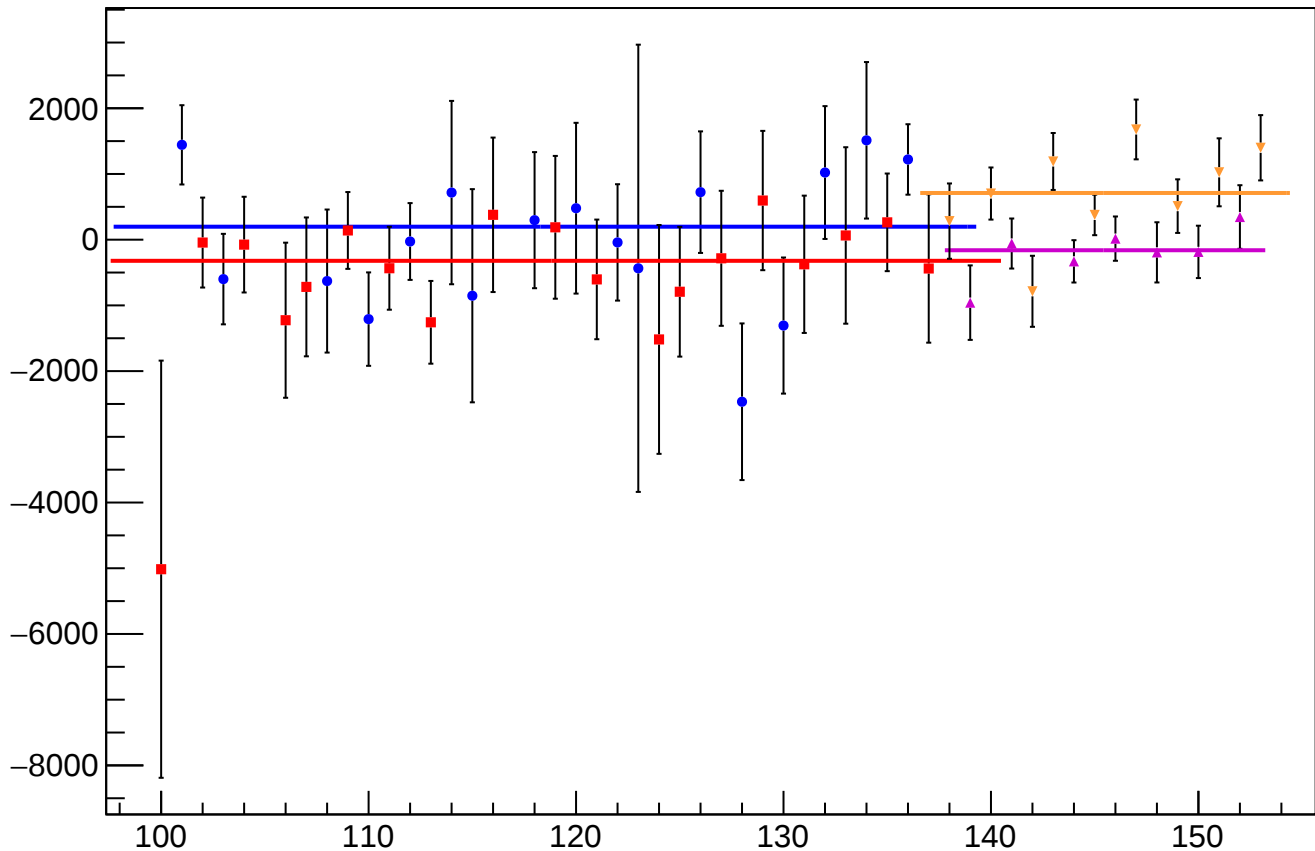
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 423.729 $\pm$ 0.088 χ^2 /NDF: 1751060.0/23

Out: 423.271 $\pm$ 0.084 χ^2 /NDF: 1951104.8/27

All: 423.488 $\pm$ 0.061 χ^2 /NDF: 3702178.9/51

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 710.763+/-145.414 χ^2/NDF : 17.7/8

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -160.765+/-151.131 χ^2/NDF : 3.7/6

Left: 291.795+/-104.786 χ^2/NDF : 38.6/15

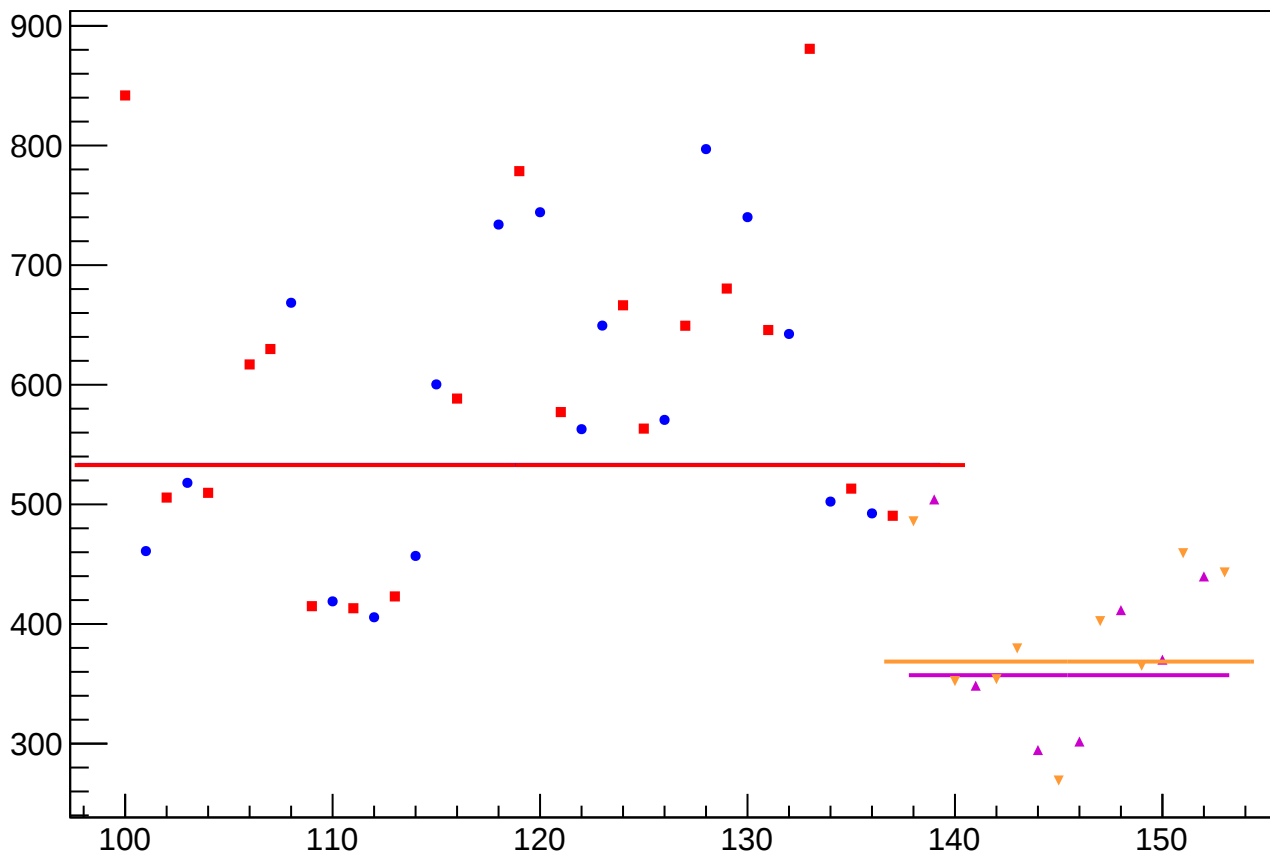
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -39.630+/-122.960 χ^2/NDF : 29.5/23

Out: 365.810+/-118.657 χ^2/NDF : 43.4/27

All: 170.308+/-85.384 χ^2/NDF : 78.6/51

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 368.594+/-0.103 χ^2/NDF : 415115.9/8

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 357.209+/-0.107 χ^2/NDF : 353565.7/6

Left: 363.121+/-0.074 χ^2/NDF : 774575.4/15

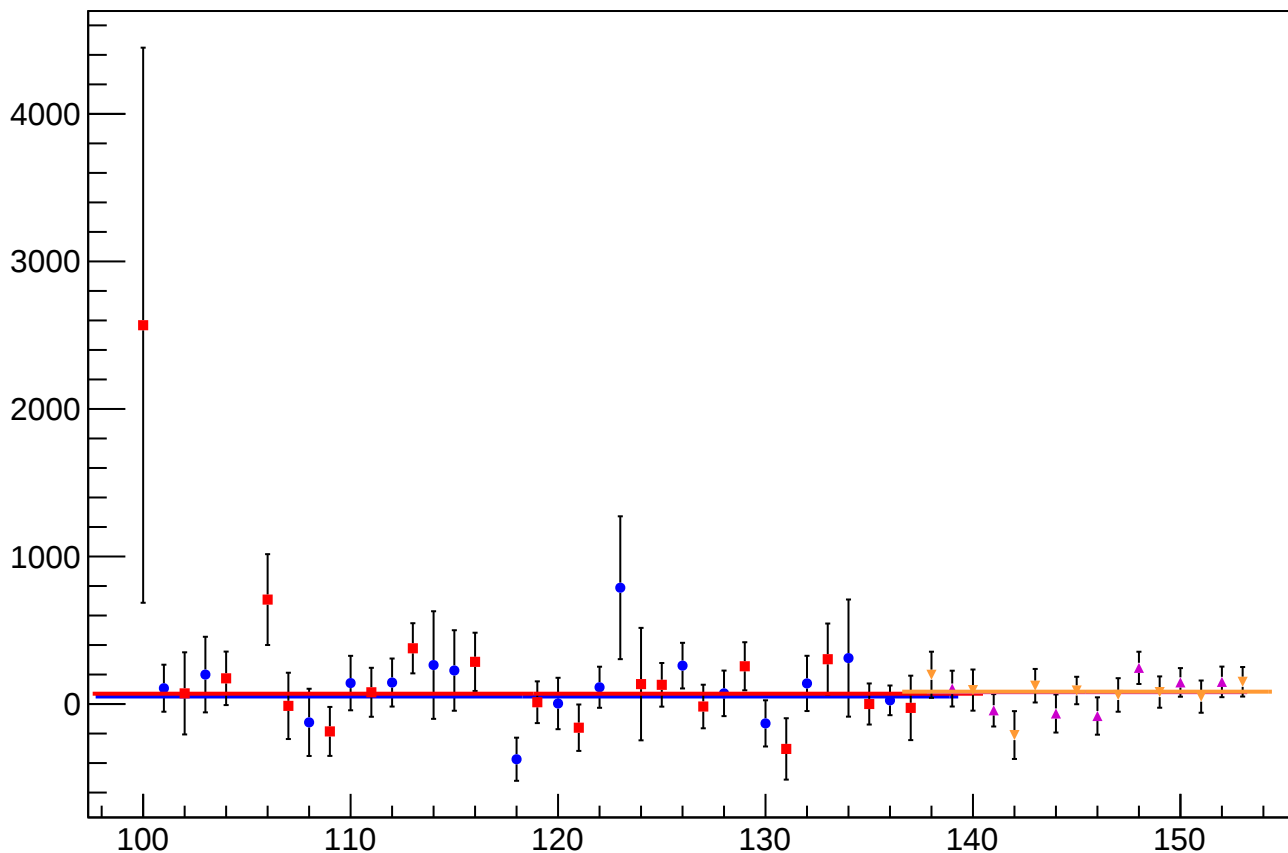
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 416.647+/-0.087 χ^2/NDF : 1835504.2/23

Out: 423.482+/-0.084 χ^2/NDF : 1884853.0/27

All: 420.186+/-0.060 χ^2/NDF : 3723557.5/51

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 83.812+/-38.545 χ^2/NDF : 4.5/8

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 80.504+/-42.398 χ^2/NDF : 7.4/6

Left: 82.315+/-28.520 χ^2/NDF : 11.9/15

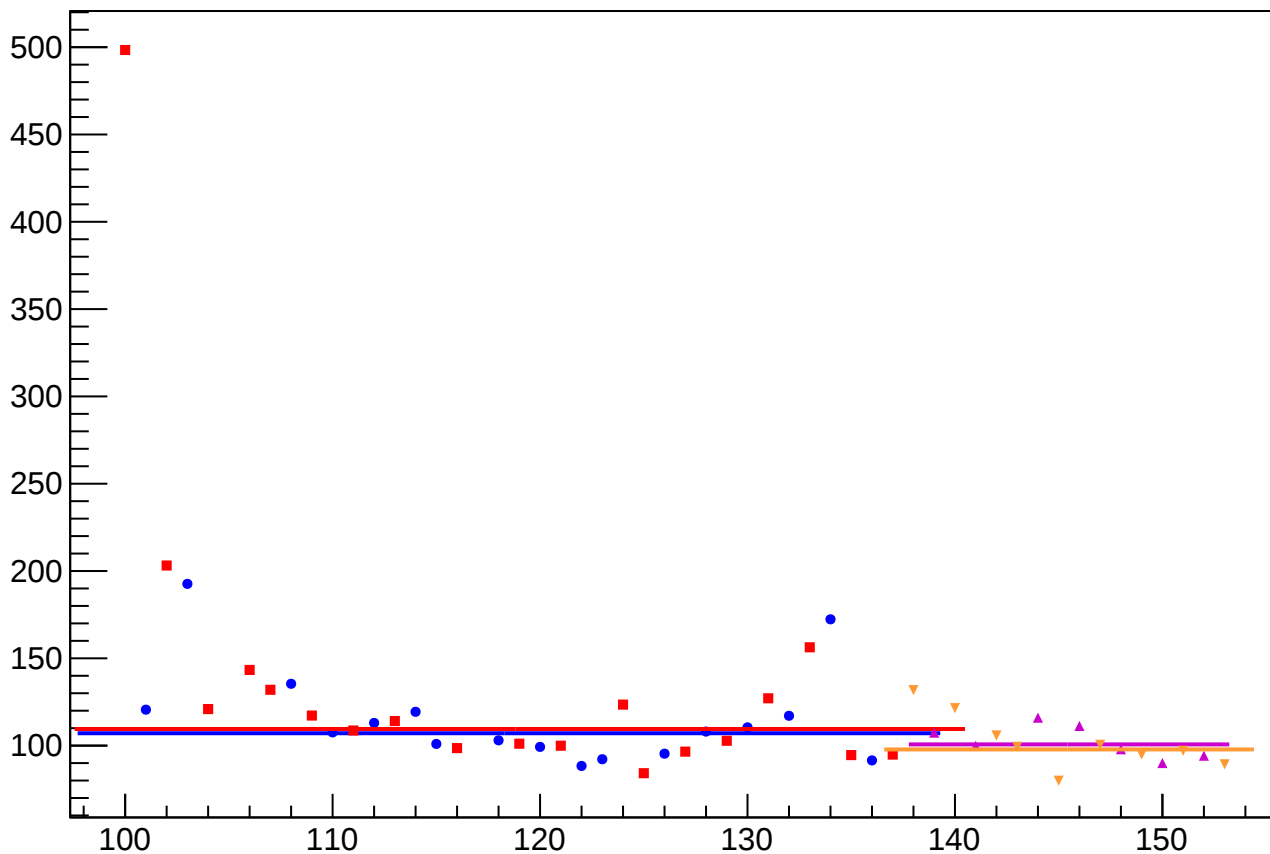
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 65.841+/-29.986 χ^2/NDF : 25.0/23

Out: 77.657+/-28.640 χ^2/NDF : 26.7/27

All: 72.020+/-20.711 χ^2/NDF : 51.8/51

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 97.815 $\pm$ 0.027 χ^2/NDF : 248379.7/8

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 100.704 $\pm$ 0.030 χ^2/NDF : 81580.0/6

Left: 99.122 $\pm$ 0.020 χ^2/NDF : 335043.4/15

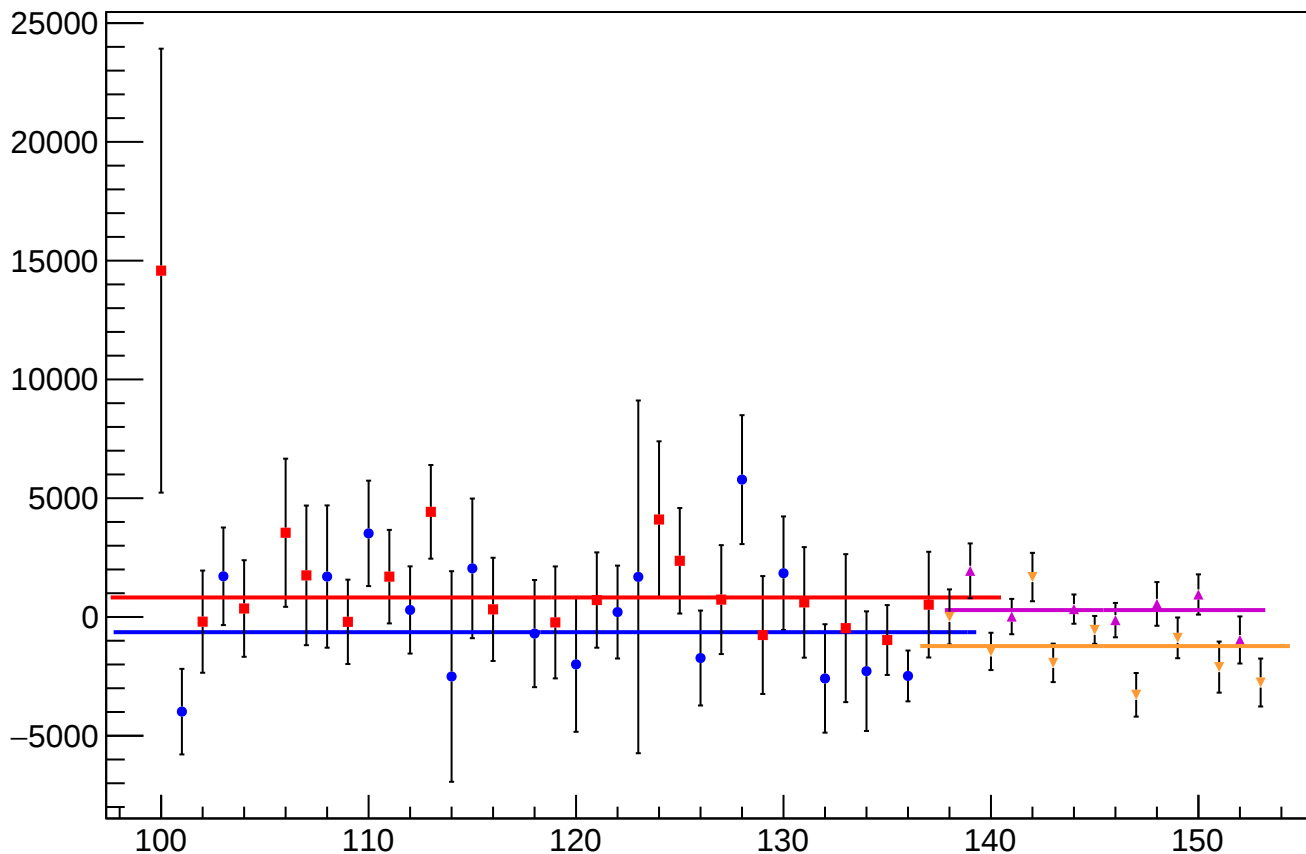
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 103.897 $\pm$ 0.021 χ^2/NDF : 542039.2/23

Out: 103.063 $\pm$ 0.020 χ^2/NDF : 922662.2/27

All: 103.461 $\pm$ 0.015 χ^2/NDF : 1465512.0/51

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1224.532 ± 286.885 χ^2/NDF : 19.6/8

Right Out: 821.471 ± 515.663 χ^2/NDF : 11.0/18

Left In: 289.865 ± 305.686 χ^2/NDF : 4.8/6

Left: -515.335 ± 209.189 χ^2/NDF : 37.5/15

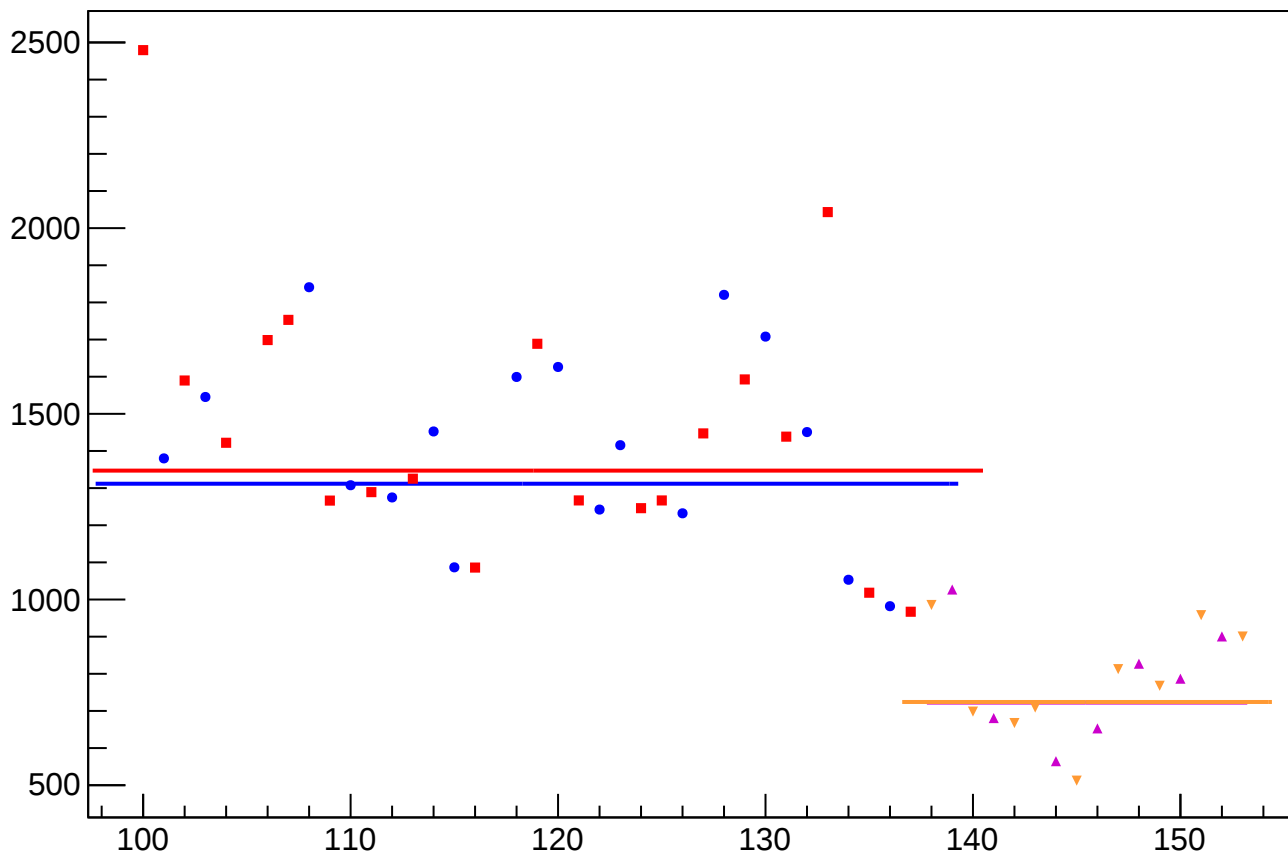
Right: 95.874 ± 365.890 χ^2/NDF : 36.8/35

In: 50.578 ± 263.427 χ^2/NDF : 29.0/23

Out: -740.941 ± 250.699 χ^2/NDF : 42.6/27

All: -364.765 ± 181.604 χ^2/NDF : 76.3/51

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 724.115 $\pm$ 0.203 χ^2 /NDF: 550152.1/8

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 722.495 $\pm$ 0.216 χ^2 /NDF: 397565.5/6

Left: 723.356 $\pm$ 0.148 χ^2 /NDF: 947747.4/15

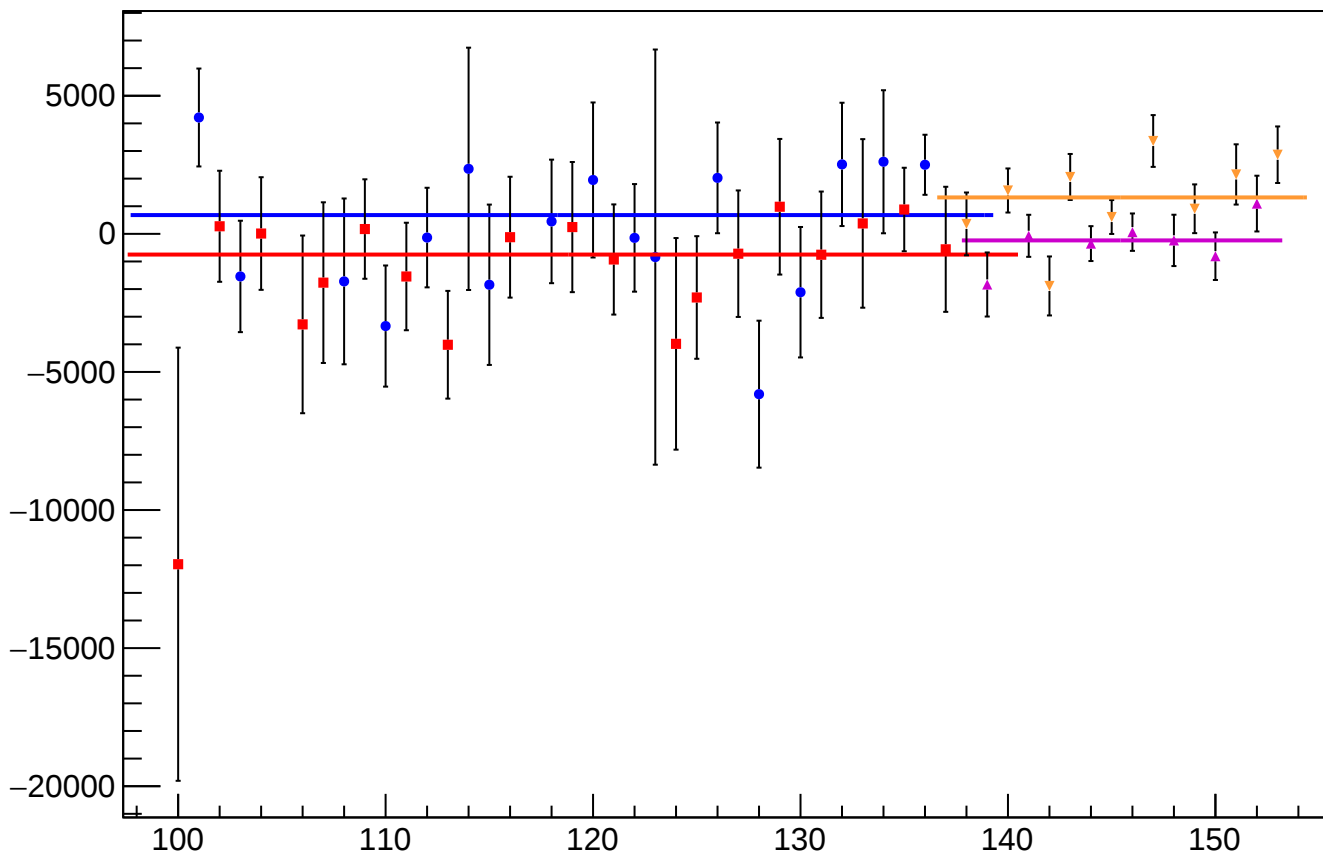
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 874.168 $\pm$ 0.186 χ^2 /NDF: 2823265.6/23

Out: 871.367 $\pm$ 0.177 χ^2 /NDF: 3269903.0/27

All: 872.698 $\pm$ 0.128 χ^2 /NDF: 6093287.2/51

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1319.033 $\pm$ 294.453 χ^2 /NDF:19.8/8

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -237.246 $\pm$ 306.480 χ^2 /NDF:4.4/6

Left: 572.026 $\pm$ 212.334 χ^2 /NDF: 37.5/15

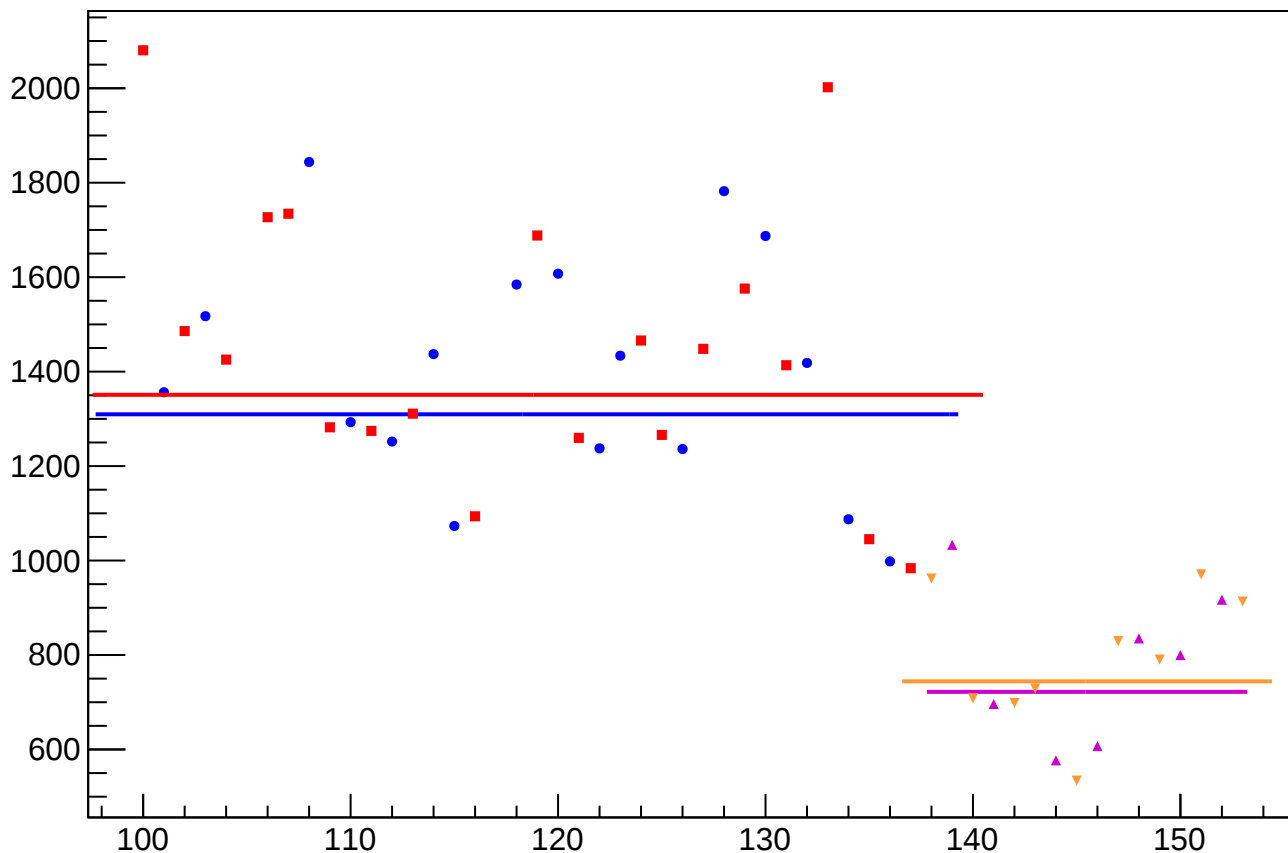
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 0.905 $\pm$ 263.705 χ^2 /NDF:29.2/23

Out: 811.146 $\pm$ 255.767 χ^2 /NDF:41.6/27

All: 418.403 $\pm$ 183.597 χ^2 /NDF: 75.7/51

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 744.205 $\pm$ 0.208 χ^2 /NDF: 479110.4/8

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 722.001 $\pm$ 0.217 χ^2 /NDF: 429867.5/6

Left: 733.547 $\pm$ 0.150 χ^2 /NDF: 914436.7/15

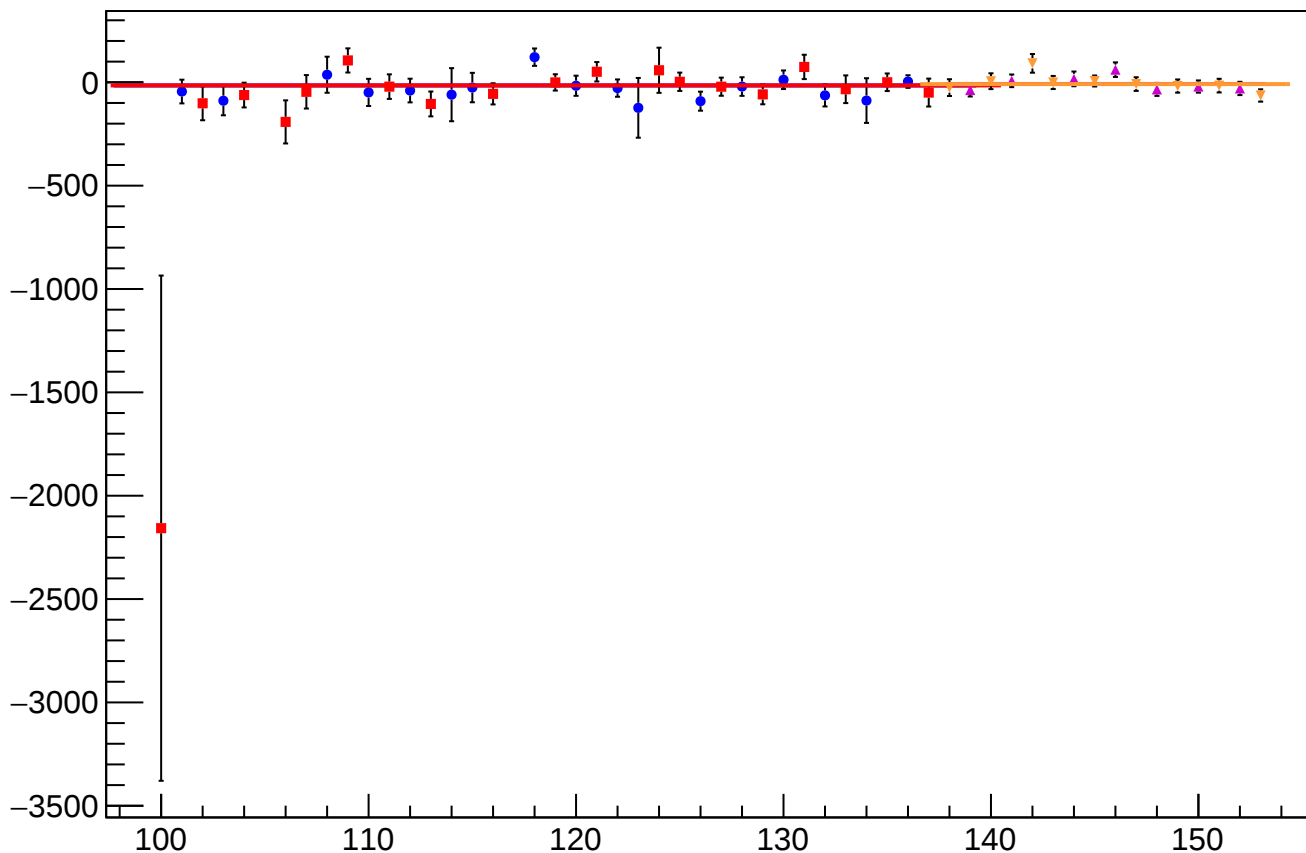
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 874.590 $\pm$ 0.186 χ^2 /NDF: 2798465.2/23

Out: 893.161 $\pm$ 0.181 χ^2 /NDF: 2986590.7/27

All: 884.159 $\pm$ 0.130 χ^2 /NDF: 5790167.2/51

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -8.711 ± 11.094 χ^2/NDF : 9.2/8

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -8.087 ± 12.124 χ^2/NDF : 6.8/6

Left: -8.427 ± 8.185 χ^2/NDF : 15.9/15

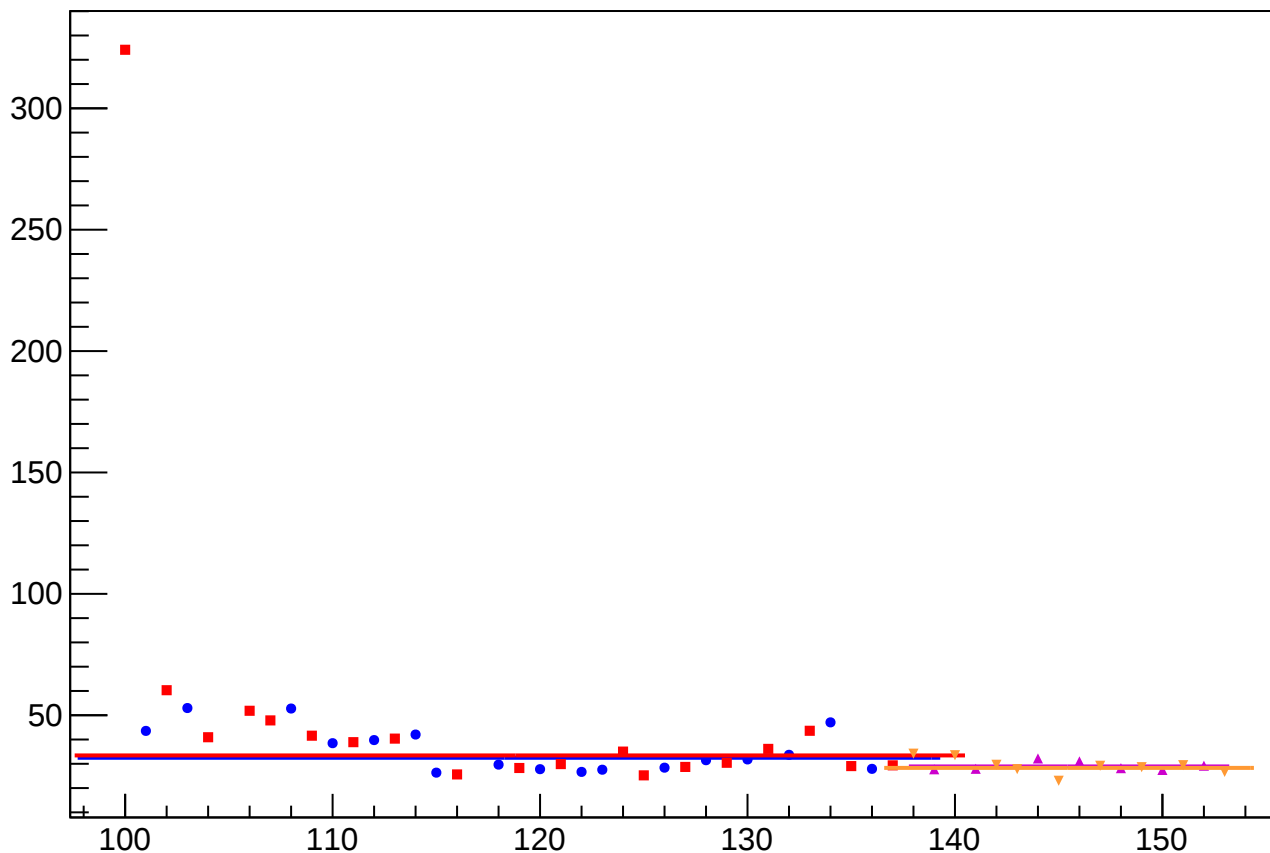
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -11.459 ± 8.837 χ^2/NDF : 25.3/23

Out: -11.374 ± 8.465 χ^2/NDF : 30.6/27

All: -11.415 ± 6.113 χ^2/NDF : 55.8/51

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.310 $\pm$ 0.008 χ^2 /NDF: 170688.6/8

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.909 $\pm$ 0.009 χ^2 /NDF: 34880.3/6

Left: 28.583 $\pm$ 0.006 χ^2 /NDF: 208221.9/15

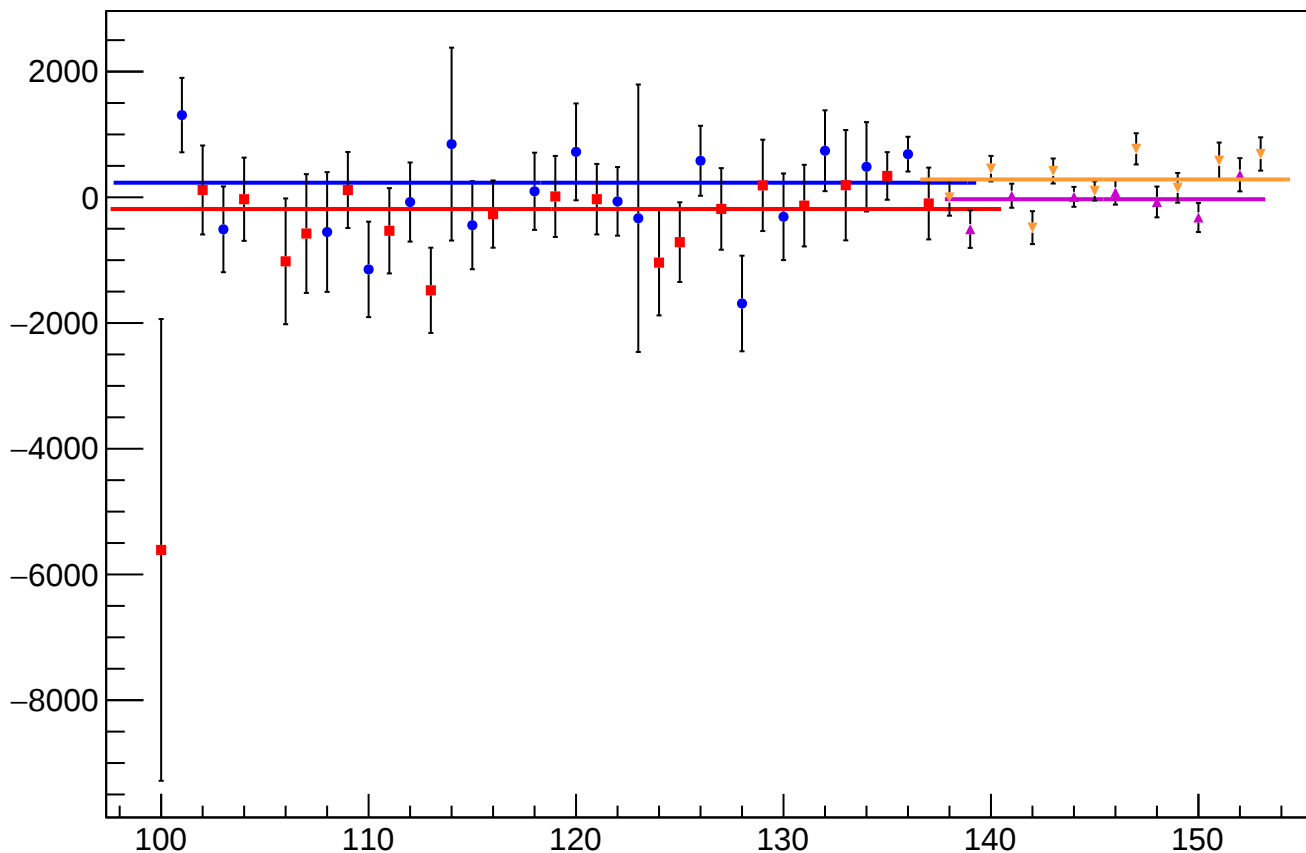
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.587 $\pm$ 0.006 χ^2 /NDF: 711126.0/23

Out: 30.455 $\pm$ 0.006 χ^2 /NDF: 1188003.1/27

All: 30.518 $\pm$ 0.004 χ^2 /NDF: 1899361.3/51

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 284.253 $\pm$ 74.727 χ^2 /NDF:19.7/8

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -30.366 $\pm$ 80.487 χ^2 /NDF:6.8/6

Left: 138.604 $\pm$ 54.763 χ^2 /NDF: 34.7/15

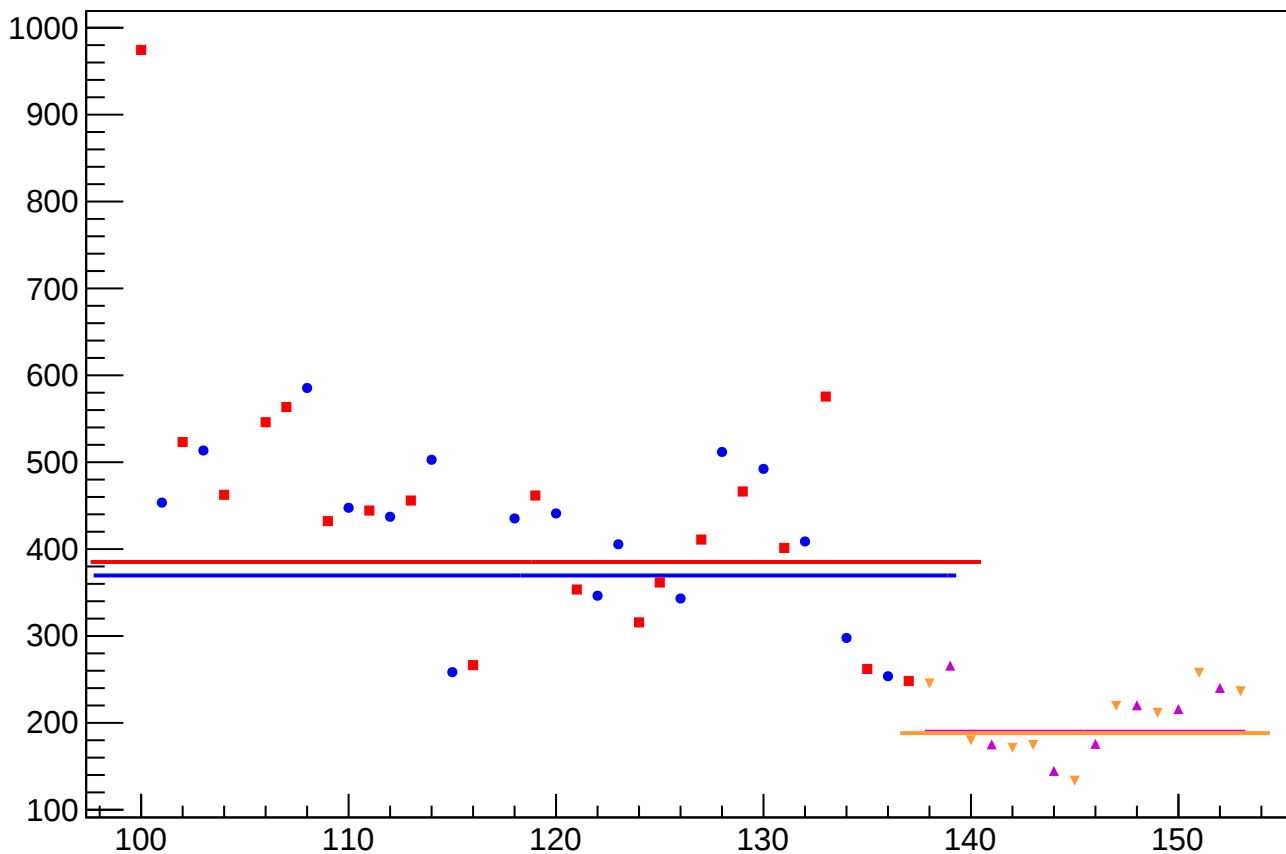
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 29.216 $\pm$ 70.773 χ^2 /NDF:30.6/23

Out: 190.590 $\pm$ 66.875 χ^2 /NDF:39.4/27

All: 114.469 $\pm$ 48.608 χ^2 /NDF: 72.8/51

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 188.226 $\pm$ 0.053 χ^2 /NDF: 587552.3/8

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 189.816 $\pm$ 0.057 χ^2 /NDF: 443497.2/6

Left: 188.962 $\pm$ 0.039 χ^2 /NDF: 1031468.4/15

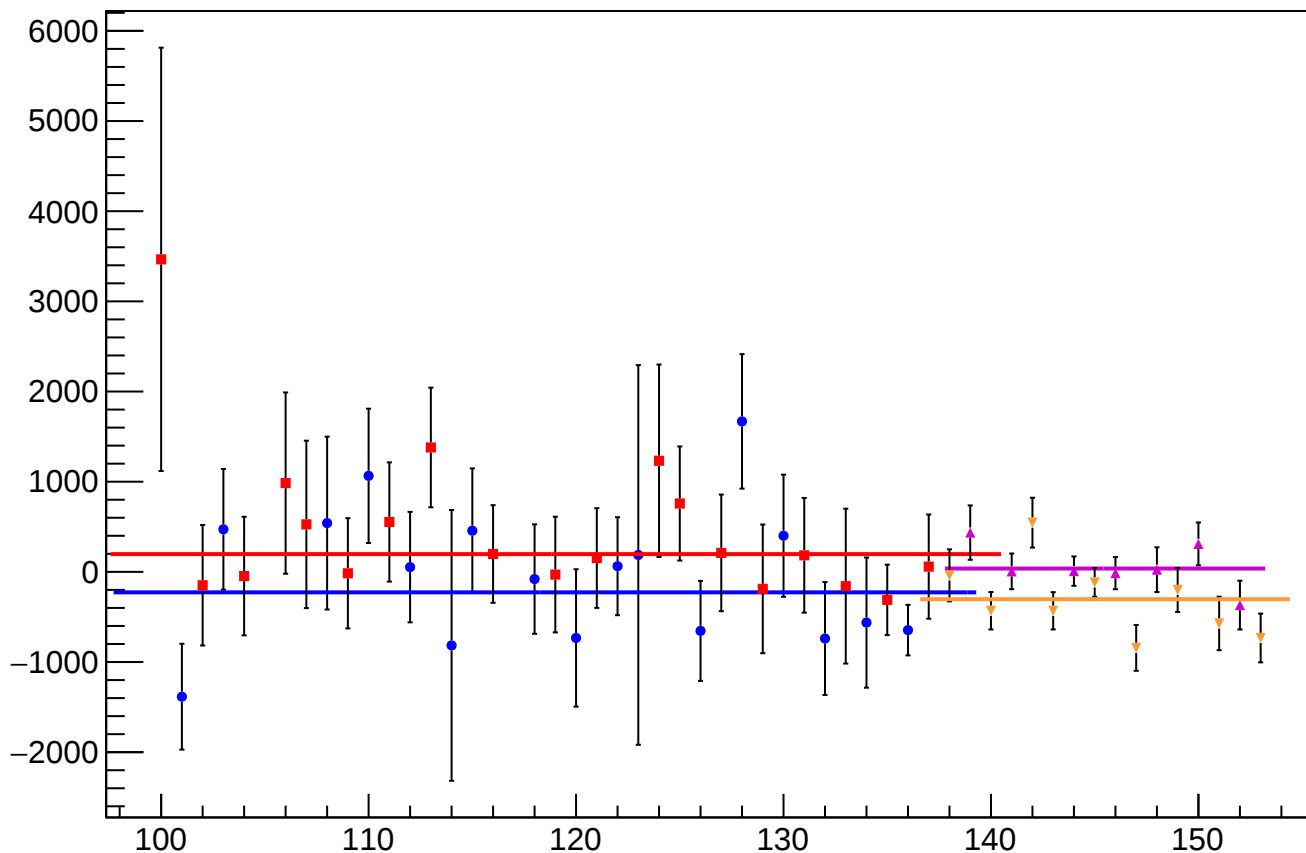
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 230.603 $\pm$ 0.050 χ^2 /NDF: 3610820.9/23

Out: 227.433 $\pm$ 0.047 χ^2 /NDF: 4279477.7/27

All: 228.929 $\pm$ 0.034 χ^2 /NDF: 7892418.5/51

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -303.267+/-77.161 χ^2/NDF :20.4/8

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 36.822+/-80.762 χ^2/NDF :5.5/6

Left: -140.973+/-55.791 χ^2/NDF : 35.2/15

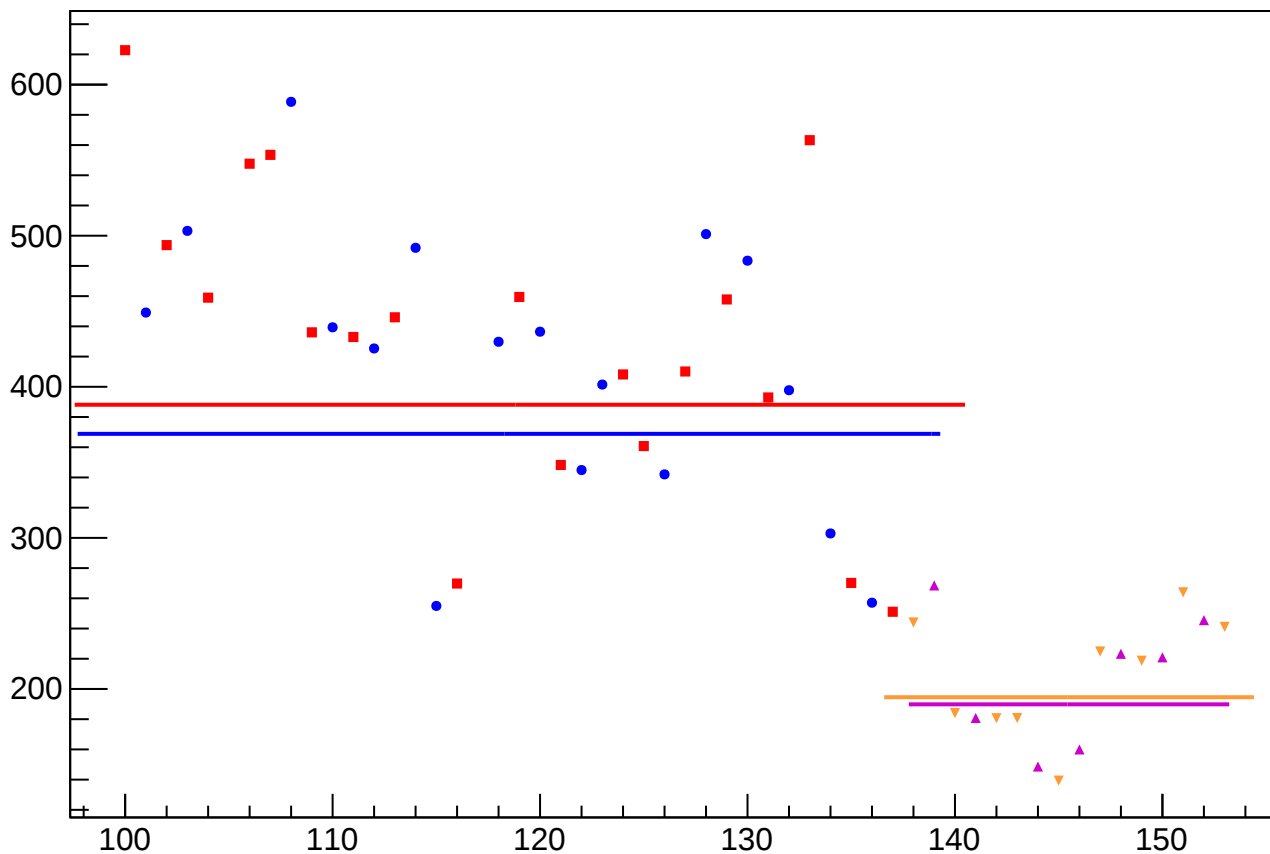
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -23.825+/-70.885 χ^2/NDF :29.7/23

Out: -198.836+/-68.632 χ^2/NDF :40.0/27

All: -114.156+/-49.308 χ^2/NDF : 72.9/51

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 194.542 $\pm$ 0.055 χ^2 /NDF: 532034.5/8

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 189.827 $\pm$ 0.057 χ^2 /NDF: 480025.0/6

Left: 192.292 $\pm$ 0.039 χ^2 /NDF: 1015623.6/15

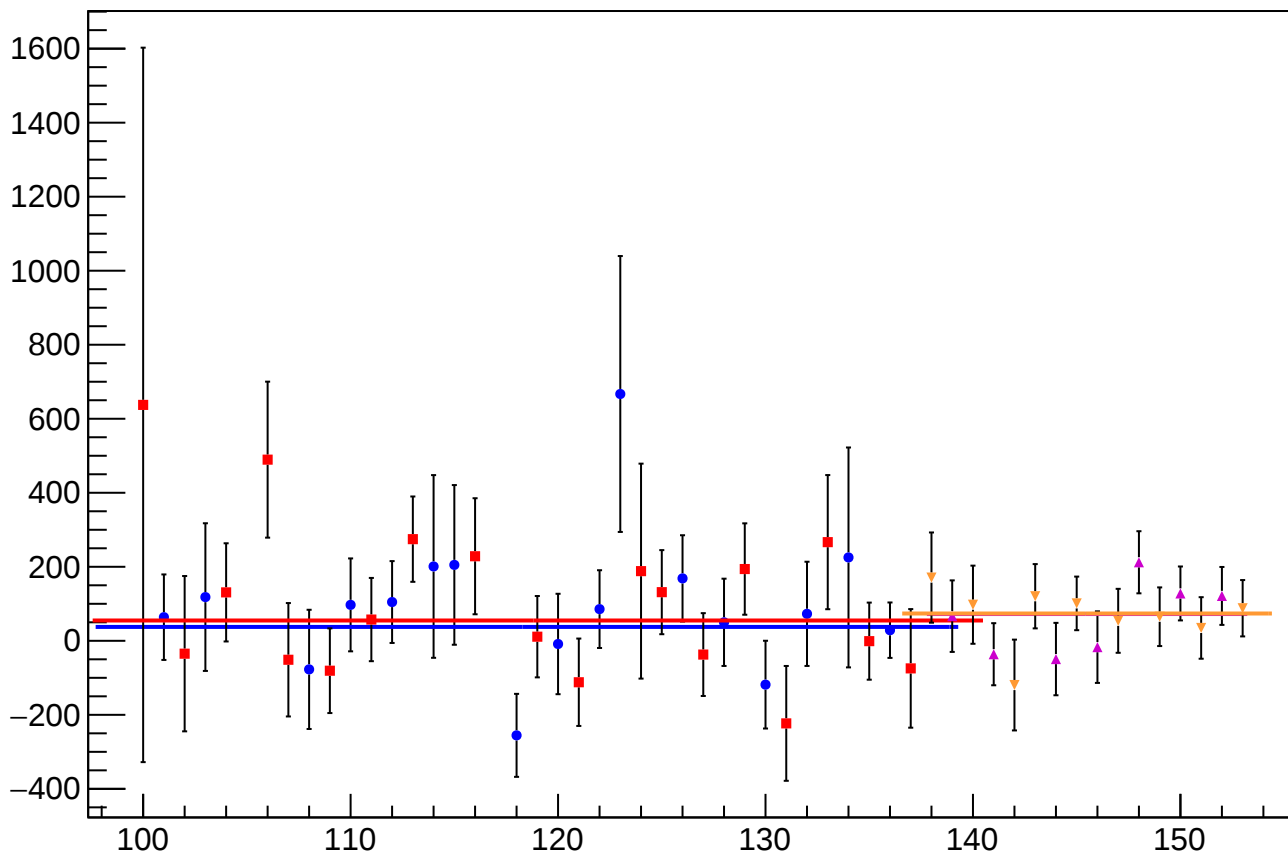
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 230.940 $\pm$ 0.050 χ^2 /NDF: 3566803.4/23

Out: 234.973 $\pm$ 0.049 χ^2 /NDF: 3939431.8/27

All: 233.022 $\pm$ 0.035 χ^2 /NDF: 7509577.5/51

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 73.775+/-29.398 χ^2/NDF : 3.9/8

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 72.347+/-32.368 χ^2/NDF : 7.8/6

Left: 73.129+/-21.762 χ^2/NDF : 11.8/15

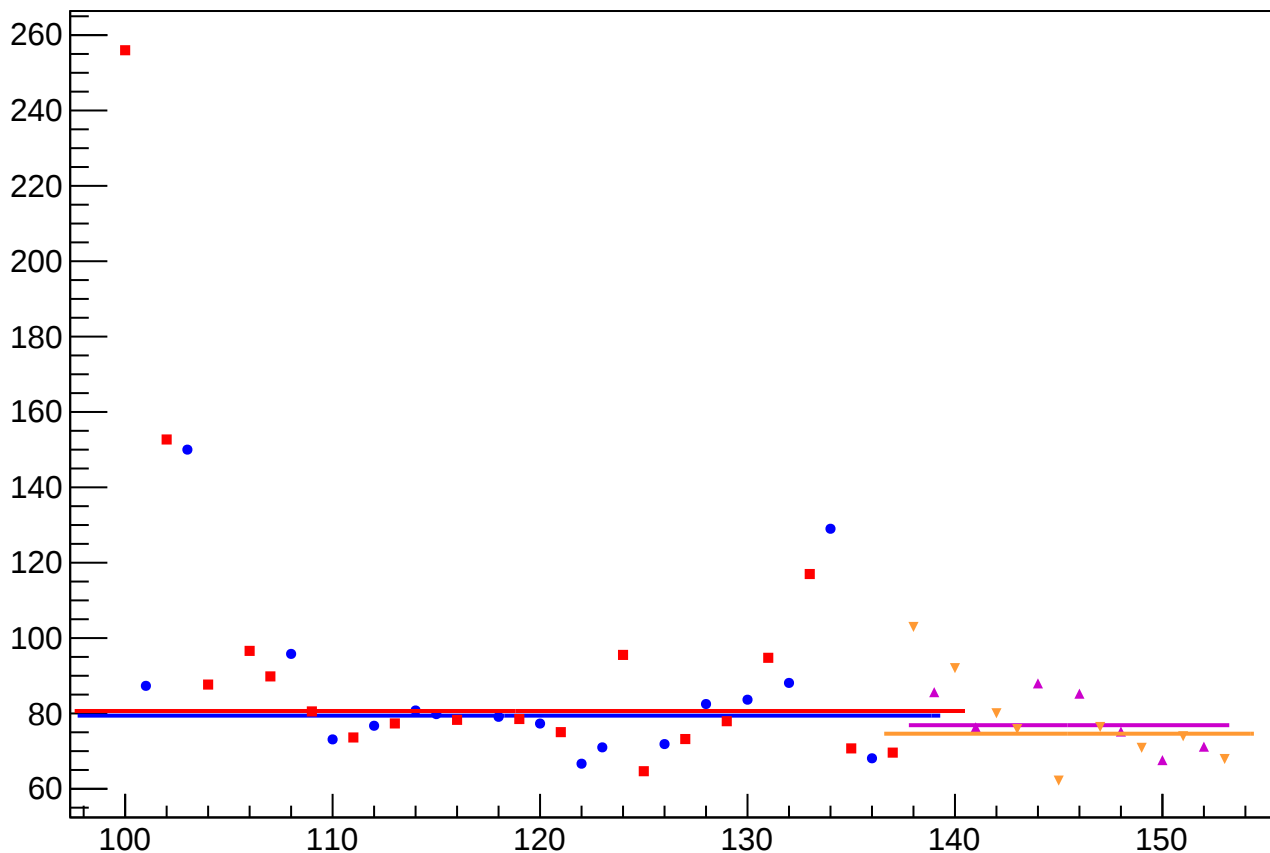
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 54.446+/-22.560 χ^2/NDF : 24.3/23

Out: 64.977+/-21.484 χ^2/NDF : 26.3/27

All: 59.969+/-15.558 χ^2/NDF : 50.7/51

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 74.625+/-0.021 χ^2/NDF :246750.2/8

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 76.883+/-0.023 χ^2/NDF :101007.9/6

Left: 75.646+/-0.015 χ^2/NDF : 353090.9/15

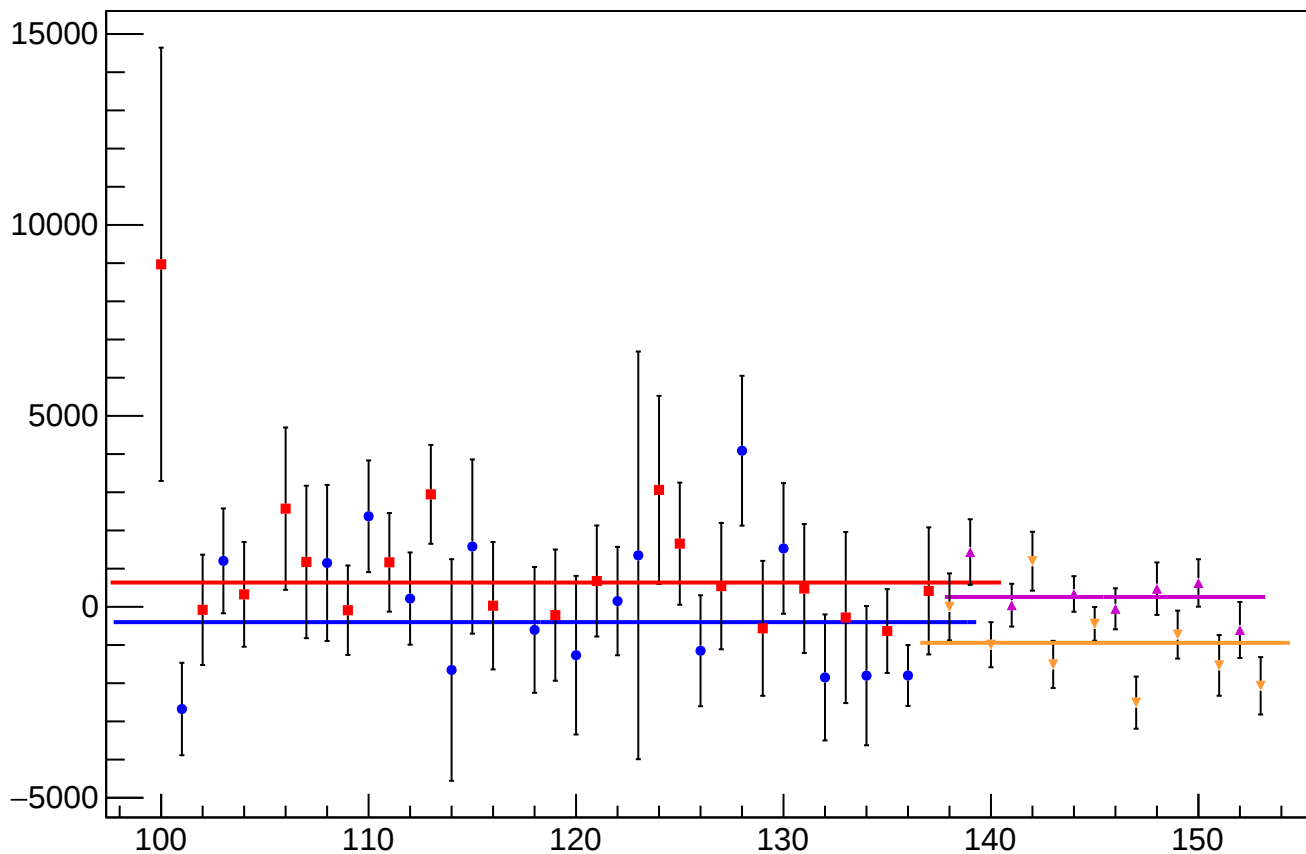
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 78.188+/-0.016 χ^2/NDF :546378.4/23

Out: 77.434+/-0.015 χ^2/NDF :806354.1/27

All: 77.793+/-0.011 χ^2/NDF : 1353906.8/51

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -942.693+/-214.914 χ^2/NDF :19.1/8

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 258.128+/-228.315 χ^2/NDF :4.2/6

Left: -378.556+/-156.490 χ^2/NDF : 38.0/15

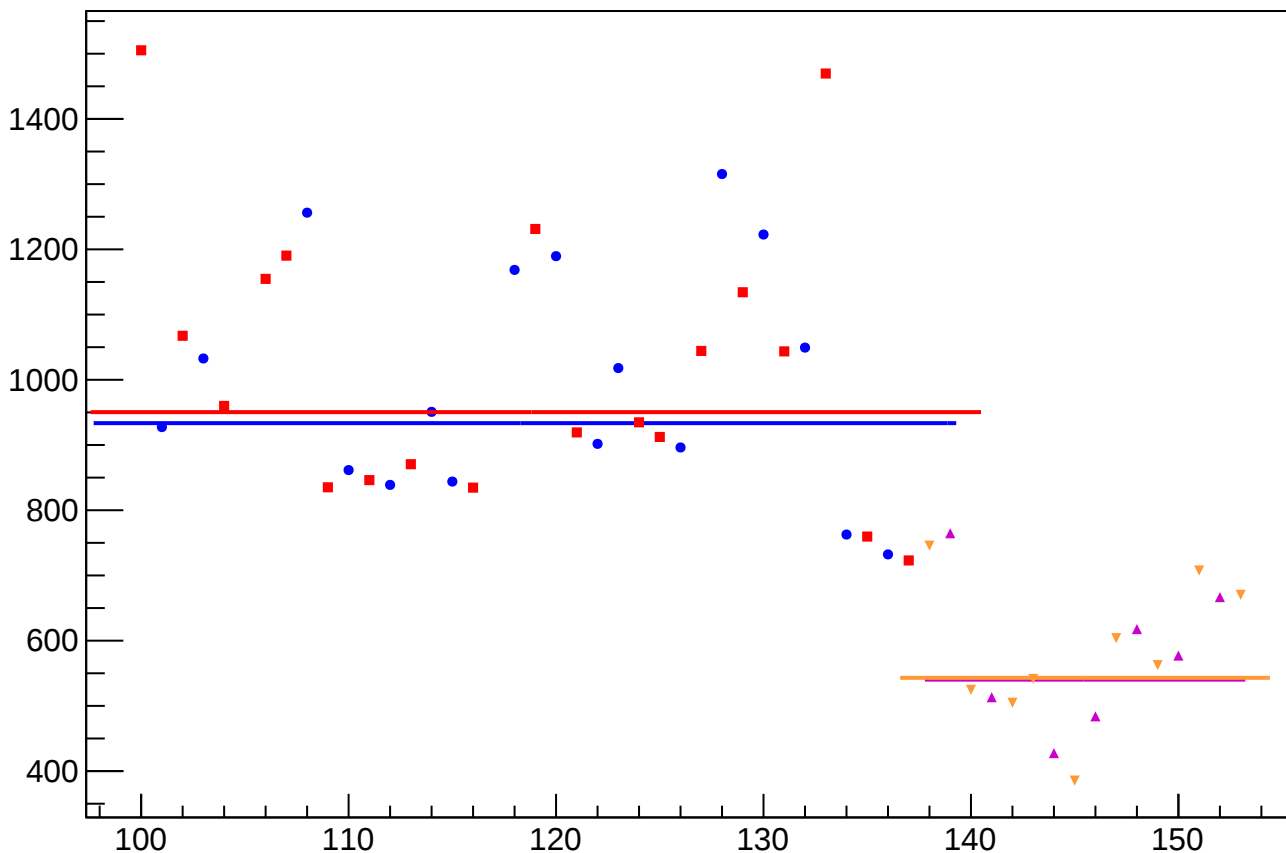
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 75.263+/-194.079 χ^2/NDF :28.5/23

Out: -532.787+/-184.922 χ^2/NDF :44.0/27

All: -243.444+/-133.880 χ^2/NDF : 77.6/51

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 543.029+/-0.152 χ^2/NDF : 529616.9/8

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 540.232+/-0.161 χ^2/NDF : 372165.2/6

Left: 541.715+/-0.111 χ^2/NDF : 901941.3/15

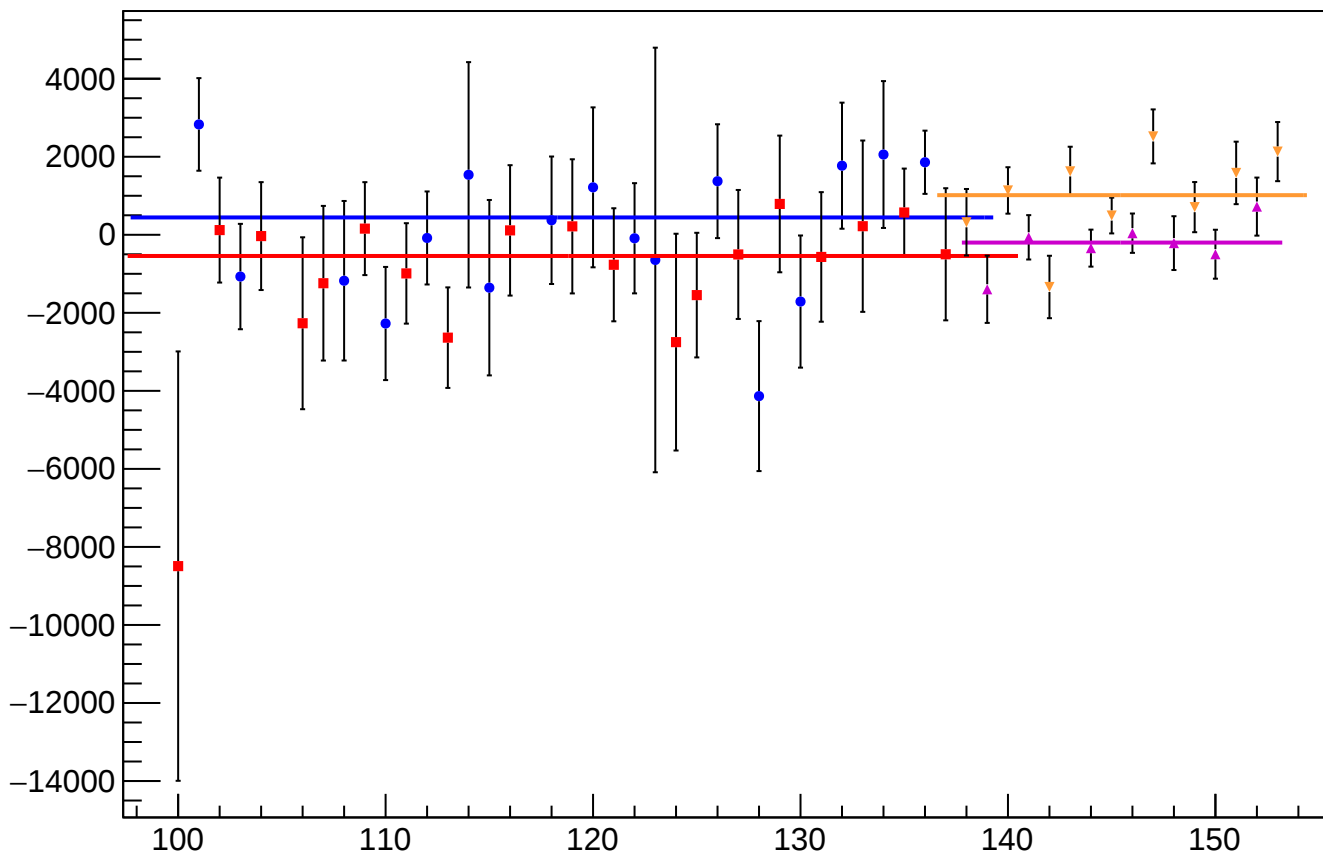
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 649.339+/-0.137 χ^2/NDF : 2460890.5/23

Out: 648.797+/-0.131 χ^2/NDF : 2819734.8/27

All: 649.055+/-0.095 χ^2/NDF : 5280633.5/51

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.547+/-219.034 χ^2/NDF : 19.2/8

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -199.713+/-227.775 χ^2/NDF : 4.1/6

Left: 431.682+/-157.880 χ^2/NDF : 38.1/15

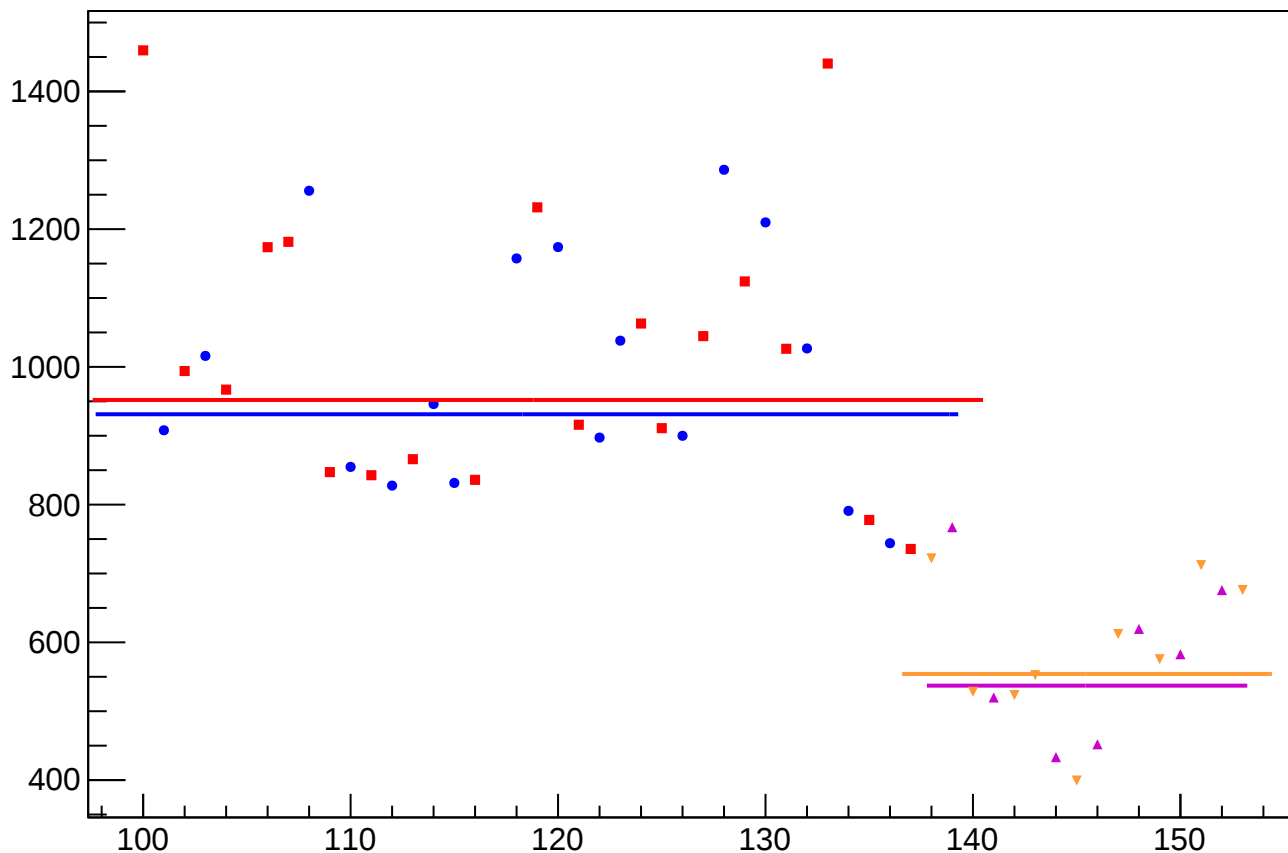
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -20.593+/-193.545 χ^2/NDF : 29.2/23

Out: 600.080+/-187.582 χ^2/NDF : 42.1/27

All: 299.453+/-134.699 χ^2/NDF : 76.6/51

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 554.127+/-0.155 χ^2/NDF :458217.3/8

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 537.157+/-0.161 χ^2/NDF :406062.2/6

Left: 545.974+/-0.112 χ^2/NDF : 870047.8/15

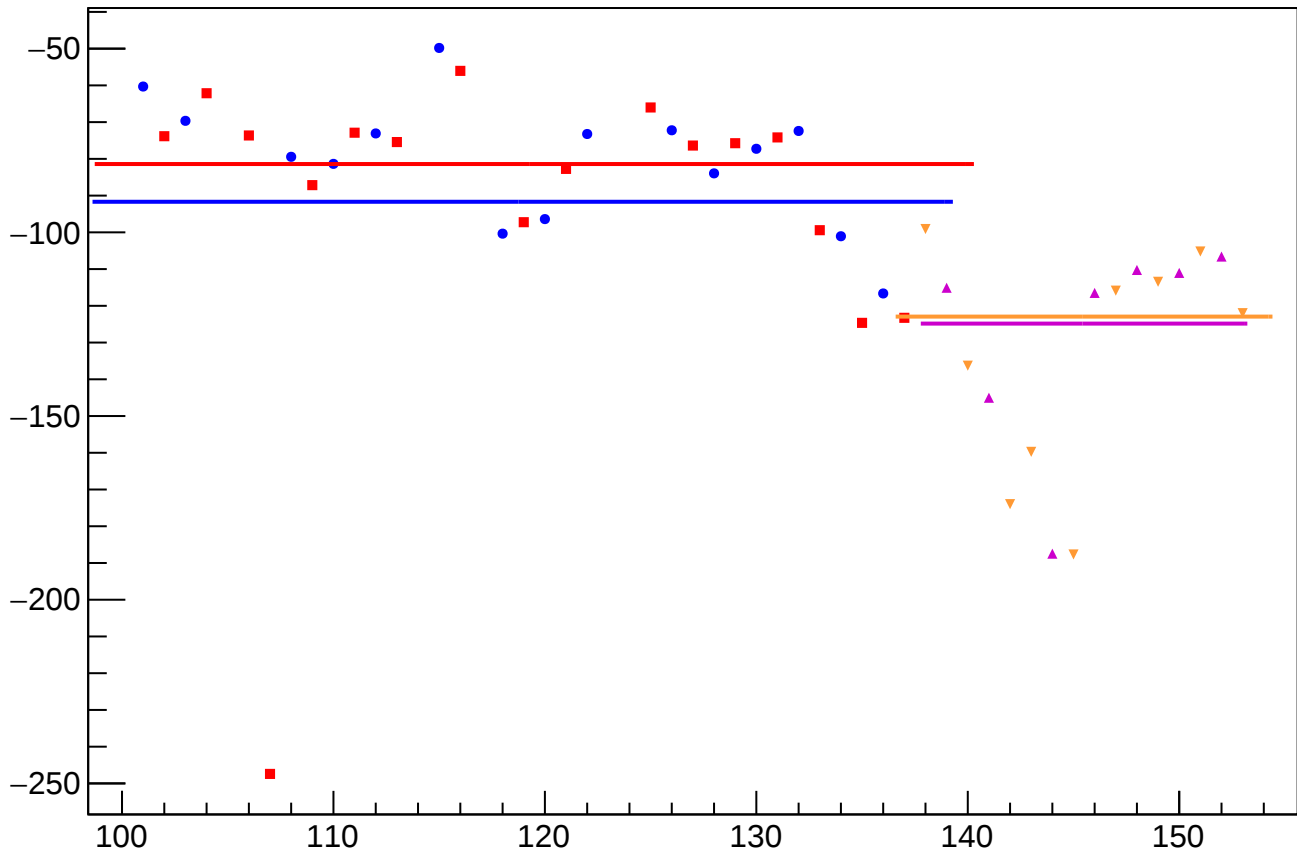
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 646.690+/-0.137 χ^2/NDF :2470148.4/23

Out: 660.178+/-0.133 χ^2/NDF :2599701.2/27

All: 653.645+/-0.095 χ^2/NDF : 5074858.0/51

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -122.935 ± 0.108 χ^2/NDF : 21196.9/8

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -124.841 ± 0.099 χ^2/NDF : 40607.4/6

Left: -123.966 ± 0.073 χ^2/NDF : 61974.1/15

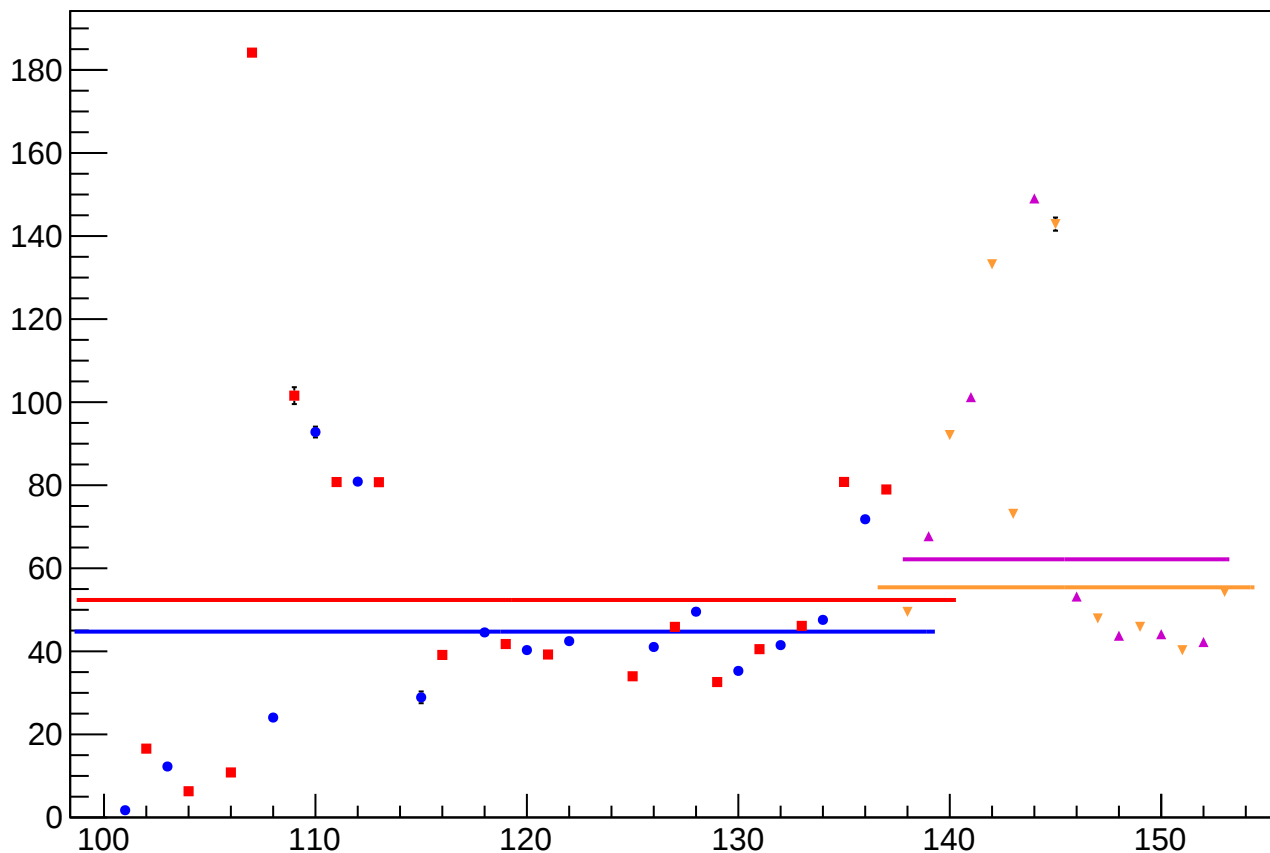
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.743 ± 0.057 χ^2/NDF : 179821.9/21

Out: -100.340 ± 0.073 χ^2/NDF : 144004.3/25

All: -101.823 ± 0.045 χ^2/NDF : 324501.4/47

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 55.419 $\pm$ 0.089 χ^2/NDF : 40690.4/8

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 62.161 $\pm$ 0.088 χ^2/NDF : 100757.9/6

Left: 58.833 $\pm$ 0.062 χ^2/NDF : 144359.1/15

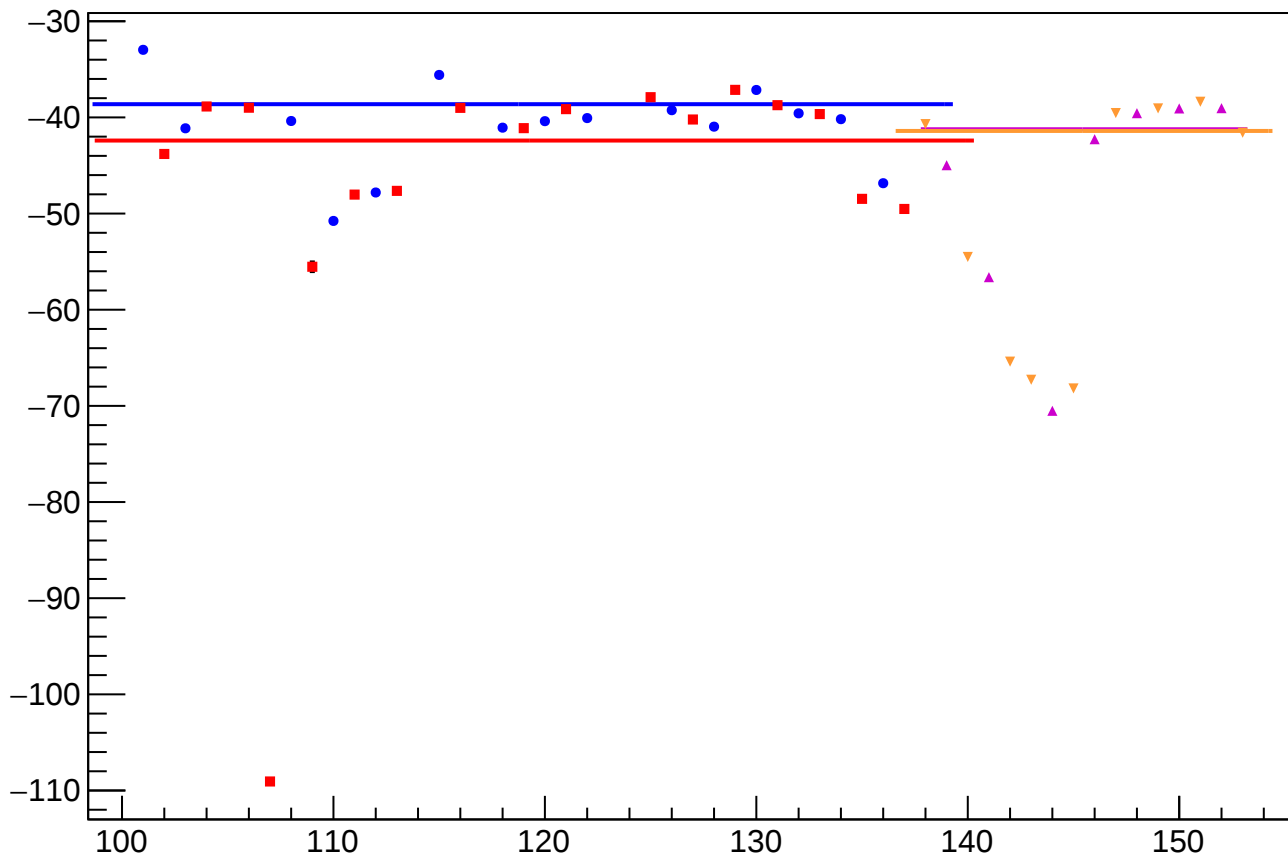
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.360 $\pm$ 0.050 χ^2/NDF : 212114.7/21

Out: 54.246 $\pm$ 0.070 χ^2/NDF : 110428.2/25

All: 51.674 $\pm$ 0.041 χ^2/NDF : 324595.3/47

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.408 ± 0.012 χ^2/NDF : 185173.6/8

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.231 ± 0.015 χ^2/NDF : 141170.2/6

Left: -41.345 ± 0.009 χ^2/NDF : 326428.0/15

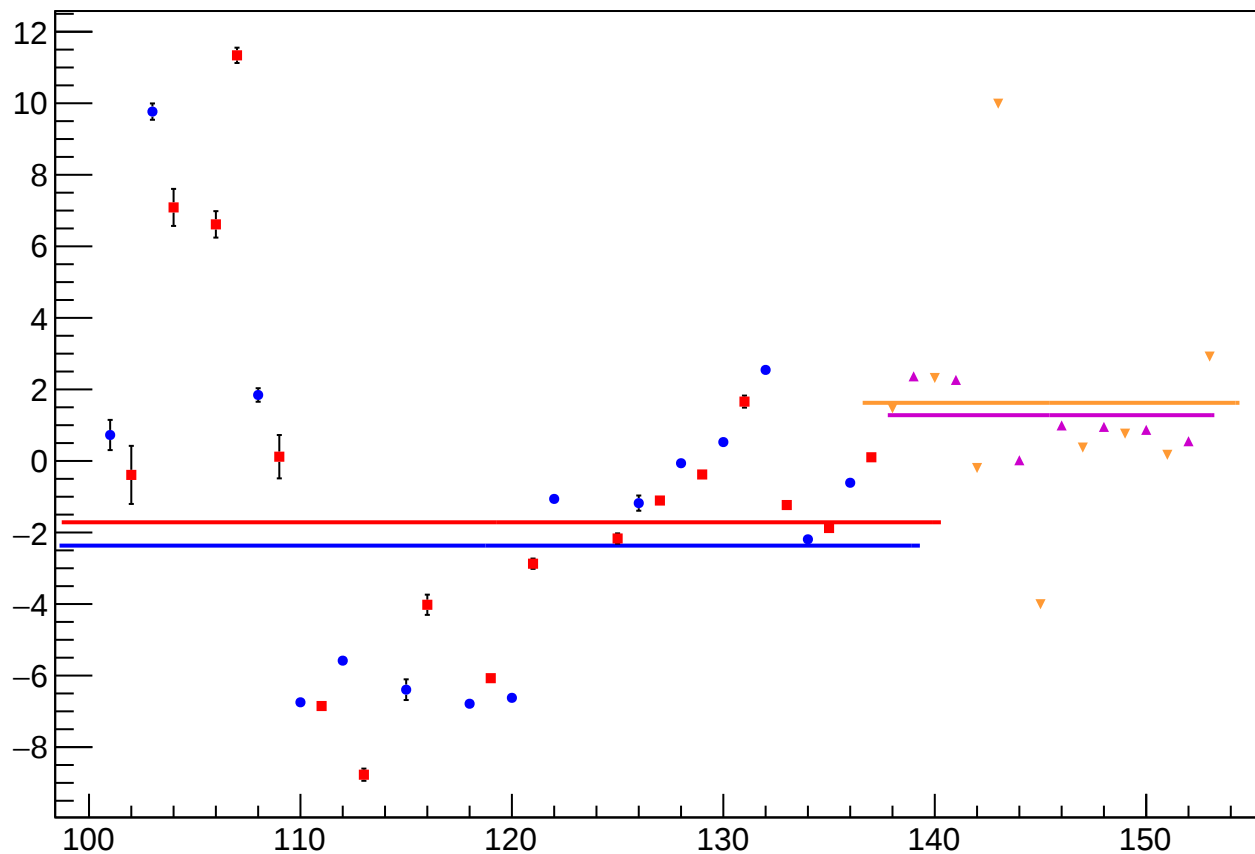
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.206 ± 0.007 χ^2/NDF : 403414.3/21

Out: -41.633 ± 0.010 χ^2/NDF : 456015.6/25

All: -40.035 ± 0.006 χ^2/NDF : 897309.7/47

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.625 ± 0.013 χ^2/NDF : 16239.2/8

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.280 ± 0.012 χ^2/NDF : 3202.3/6

Left: 1.436 ± 0.009 χ^2/NDF : 19829.7/15

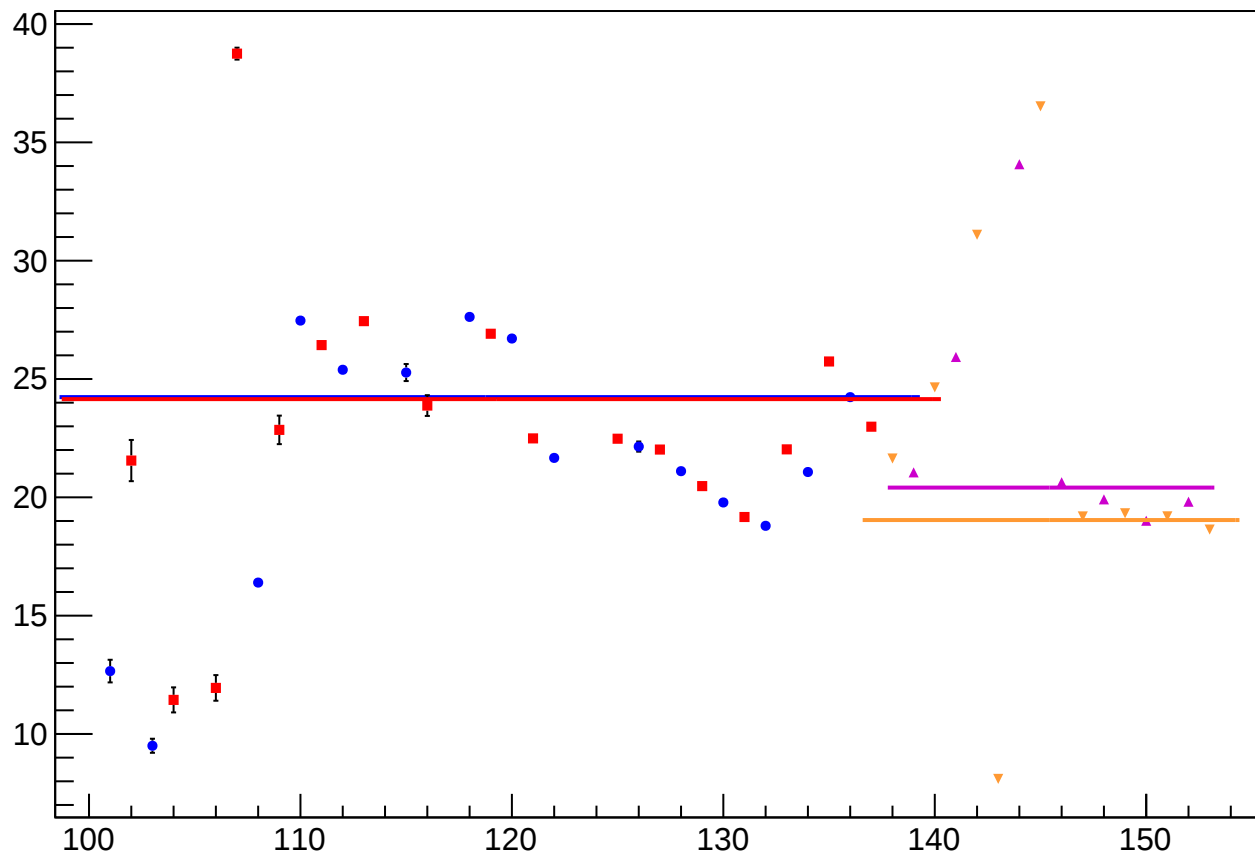
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.224 ± 0.009 χ^2/NDF : 71438.6/21

Out: 0.997 ± 0.012 χ^2/NDF : 41390.8/25

All: 0.232 ± 0.007 χ^2/NDF : 119647.2/47

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 19.040 $\pm$ 0.014 χ^2 /NDF: 38628.0/8

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.411 $\pm$ 0.015 χ^2 /NDF: 32695.8/6

Left: 19.697 $\pm$ 0.010 χ^2 /NDF: 75857.0/15

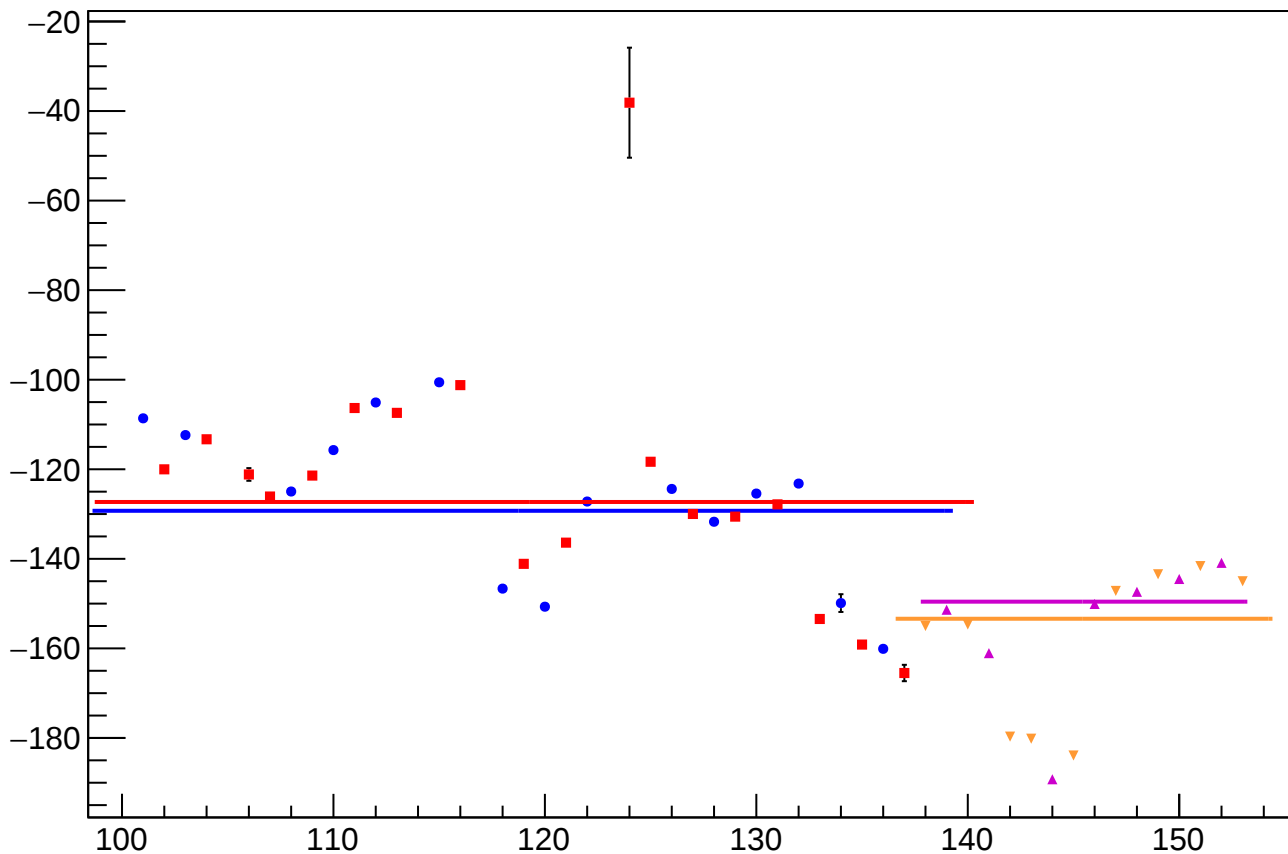
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 21.589 $\pm$ 0.012 χ^2 /NDF: 75452.1/21

Out: 20.322 $\pm$ 0.012 χ^2 /NDF: 84788.1/25

All: 20.955 $\pm$ 0.009 χ^2 /NDF: 165626.7/47

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -153.380 ± 0.088 χ^2/NDF : 23699.9/8

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -149.565 ± 0.074 χ^2/NDF : 19976.2/6

Left: -151.154 ± 0.057 χ^2/NDF : 44774.4/15

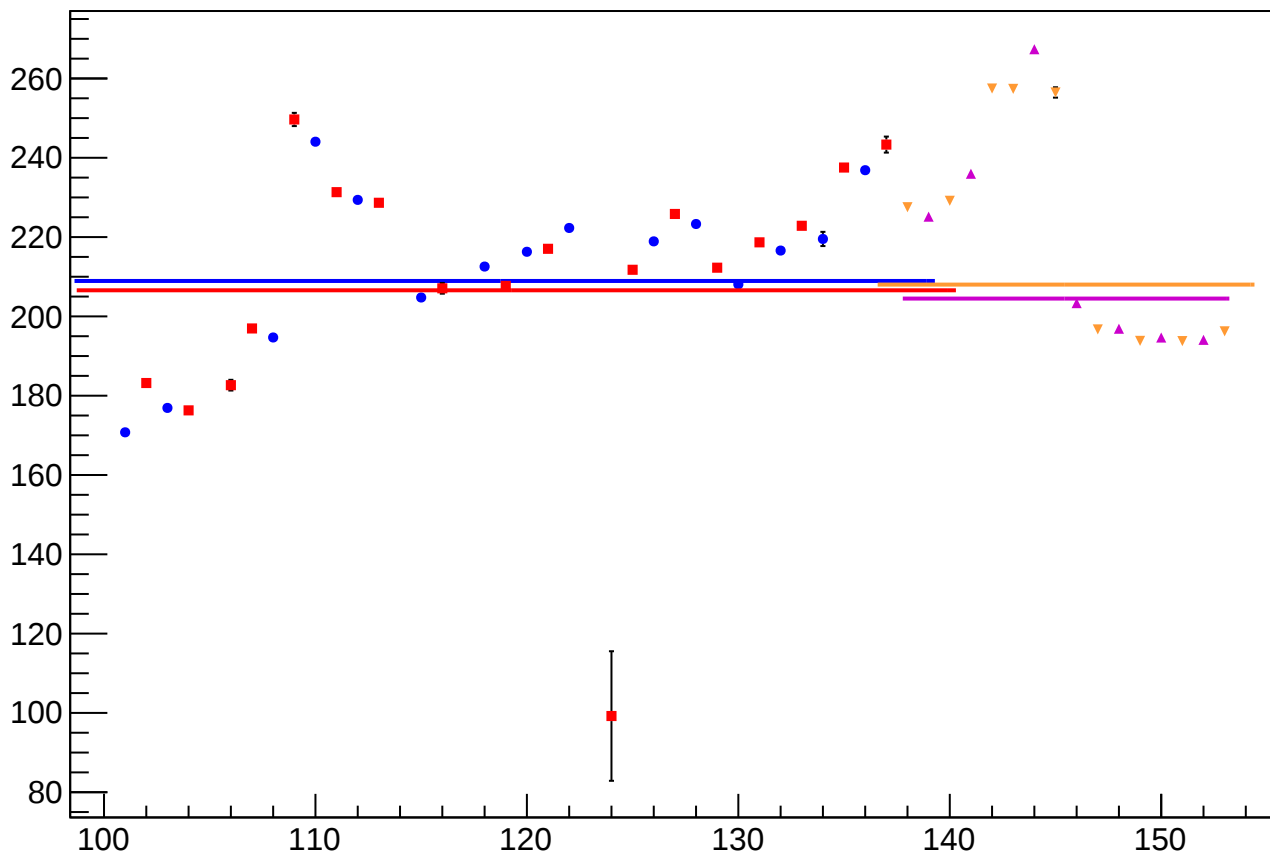
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.096 ± 0.057 χ^2/NDF : 86228.3/21

Out: -139.795 ± 0.061 χ^2/NDF : 99117.8/26

All: -140.491 ± 0.041 χ^2/NDF : 185590.6/48

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 208.017 $\pm$ 0.074 χ^2 /NDF: 91845.0/8

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 204.493 $\pm$ 0.066 χ^2 /NDF: 70171.0/6

Left: 206.065 $\pm$ 0.049 χ^2 /NDF: 163287.8/15

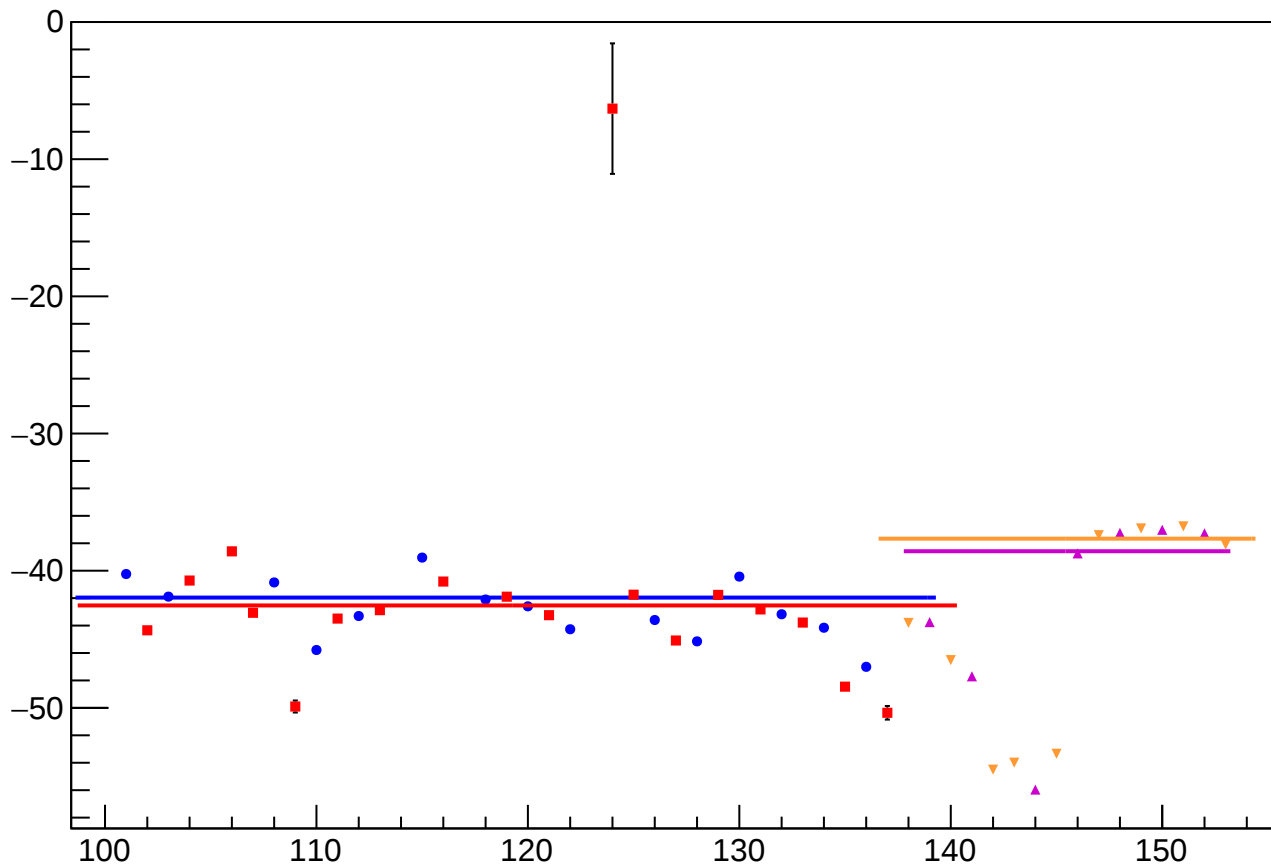
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 206.064 $\pm$ 0.053 χ^2 /NDF: 116457.5/21

Out: 207.387 $\pm$ 0.055 χ^2 /NDF: 140223.1/26

All: 206.700 $\pm$ 0.038 χ^2 /NDF: 256979.6/48

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.664 ± 0.006 $\chi^2/\text{NDF}: 213752.4/8$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.580 ± 0.009 $\chi^2/\text{NDF}: 120860.0/6$

Left: -37.923 ± 0.005 $\chi^2/\text{NDF}: 341589.3/15$

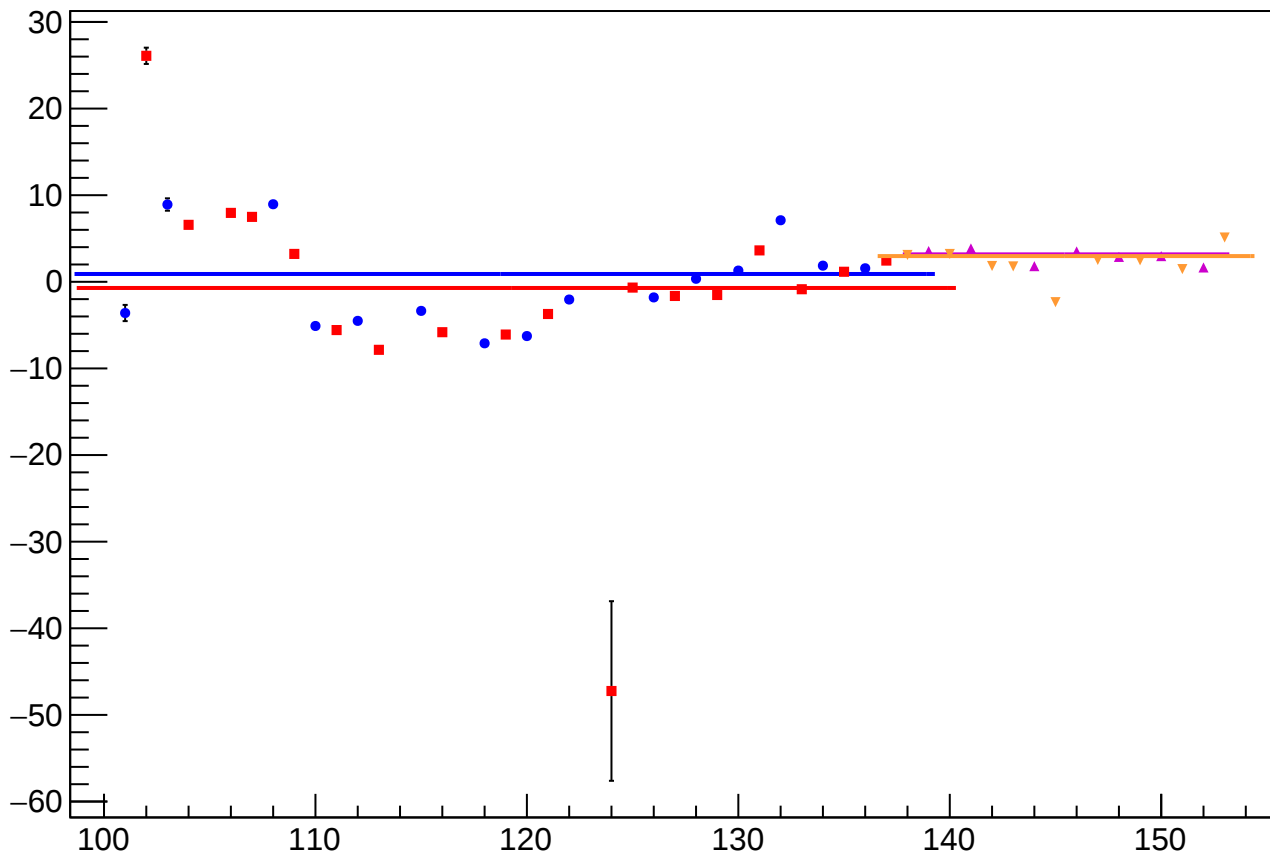
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -39.463 ± 0.008 $\chi^2/\text{NDF}: 179732.8/21$

Out: -38.024 ± 0.006 $\chi^2/\text{NDF}: 271337.7/26$

All: -38.501 ± 0.005 $\chi^2/\text{NDF}: 472827.9/48$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.970 ± 0.013 $\chi^2/\text{NDF}: 13675.9/8$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.168 ± 0.013 $\chi^2/\text{NDF}: 1984.2/6$

Left: 3.065 ± 0.009 $\chi^2/\text{NDF}: 15776.1/15$

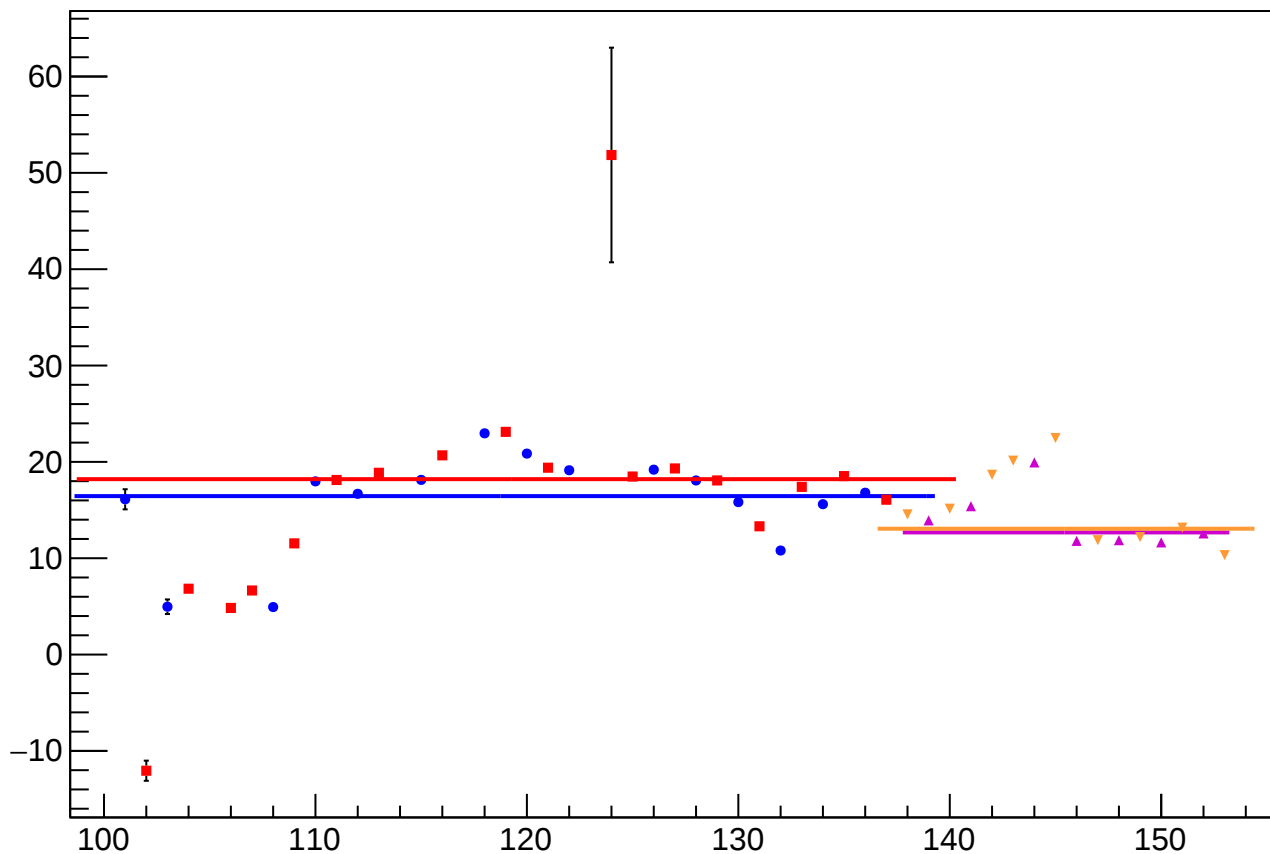
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.478 ± 0.011 $\chi^2/\text{NDF}: 31999.3/21$

Out: 2.180 ± 0.011 $\chi^2/\text{NDF}: 62420.6/26$

All: 2.331 ± 0.008 $\chi^2/\text{NDF}: 94776.1/48$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.065 $\pm$ 0.013 χ^2 /NDF: 47252.6/8

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.677 $\pm$ 0.015 χ^2 /NDF: 13855.3/6

Left: 12.898 $\pm$ 0.010 χ^2 /NDF: 61513.9/15

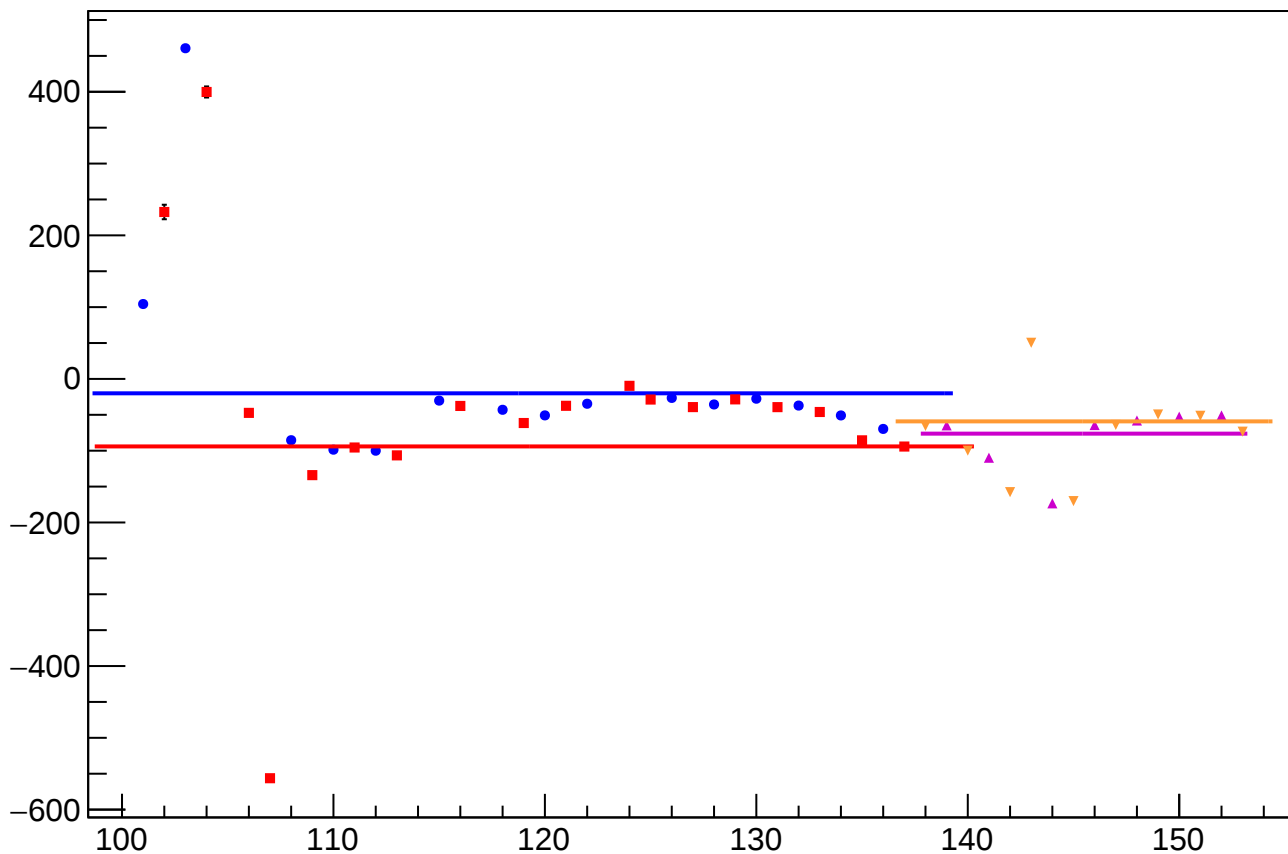
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.662 $\pm$ 0.012 χ^2 /NDF: 45666.1/21

Out: 14.486 $\pm$ 0.011 χ^2 /NDF: 120583.7/26

All: 14.135 $\pm$ 0.008 χ^2 /NDF: 168753.7/48

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -59.155+/-0.172 χ^2/NDF : 44772.8/8

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -76.244+/-0.201 χ^2/NDF : 33804.2/6

Left: -66.373+/-0.131 χ^2/NDF : 82755.5/15

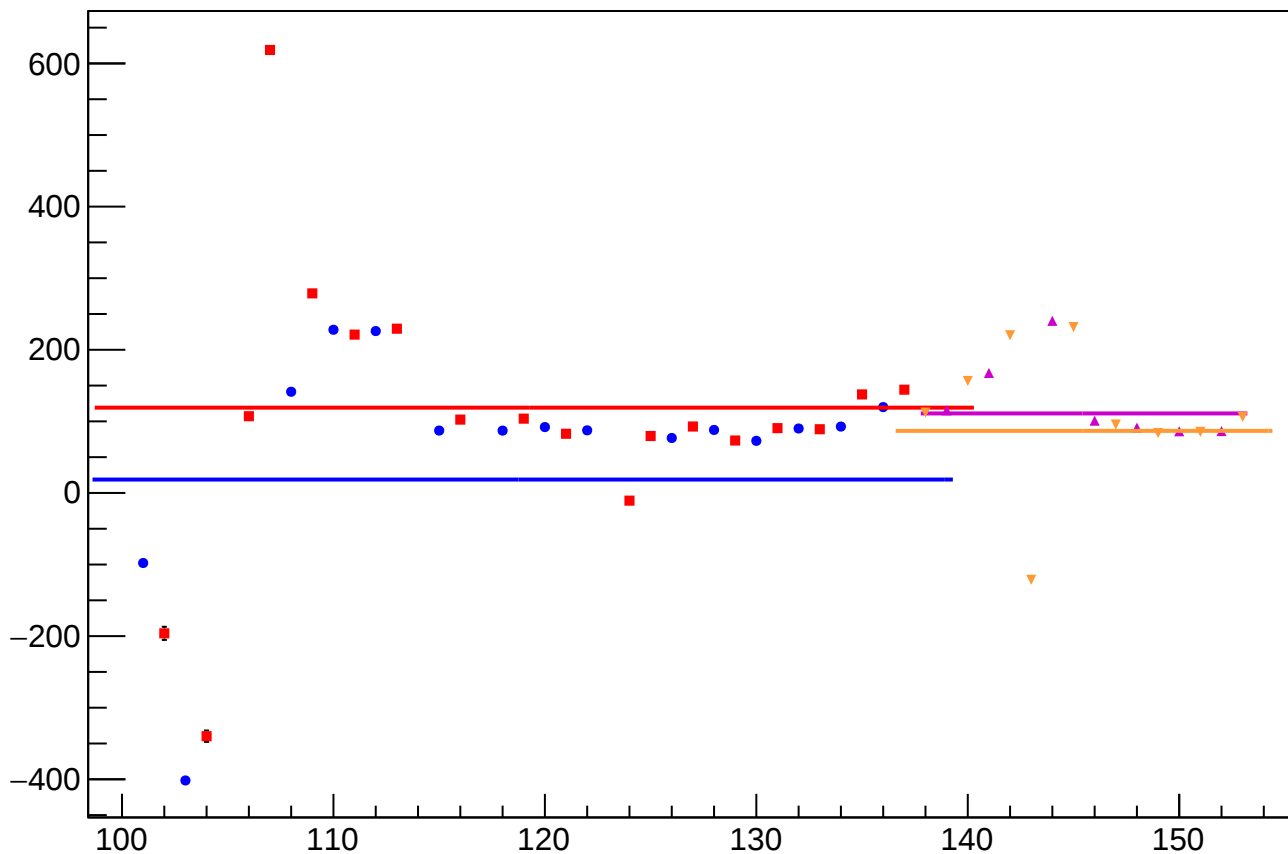
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -40.706+/-0.122 χ^2/NDF : 524727.2/21

Out: -93.868+/-0.012 χ^2/NDF : 173295.8/26

All: -93.323+/-0.012 χ^2/NDF : 886579.1/48

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 86.724 ± 0.153 $\chi^2/\text{NDF}: 164678.7/8$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 111.090 ± 0.179 $\chi^2/\text{NDF}: 54051.3/6$

Left: 97.035 ± 0.116 $\chi^2/\text{NDF}: 229445.0/15$

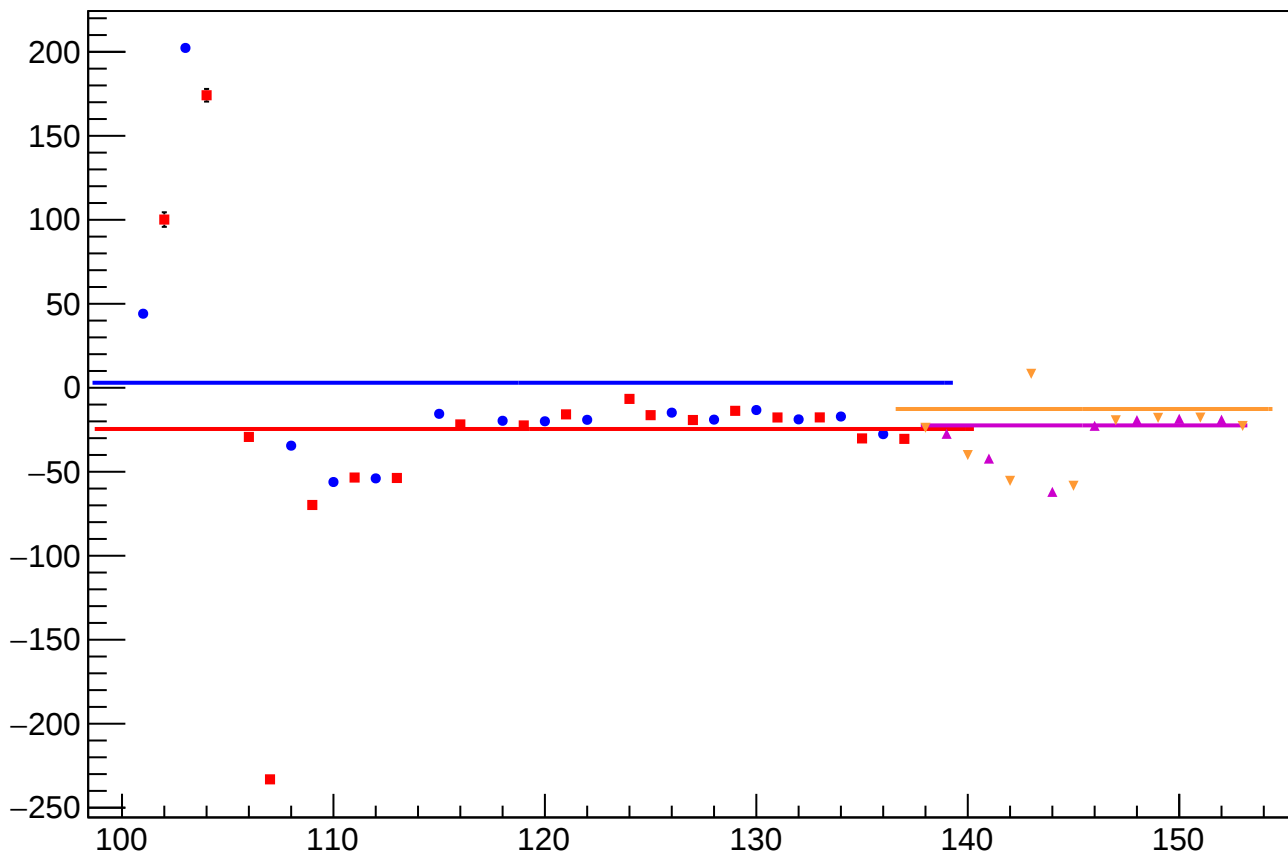
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 57.504 ± 0.116 $\chi^2/\text{NDF}: 1310694.4/21$

Out: 98.770 ± 0.121 $\chi^2/\text{NDF}: 268796.9/26$

All: 77.168 ± 0.084 $\chi^2/\text{NDF}: 1639964.9/48$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -12.631 ± 0.021 χ^2/NDF : 475569.9/8

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.398 ± 0.026 χ^2/NDF : 116208.4/6

Left: -16.427 ± 0.016 χ^2/NDF : 679918.6/15

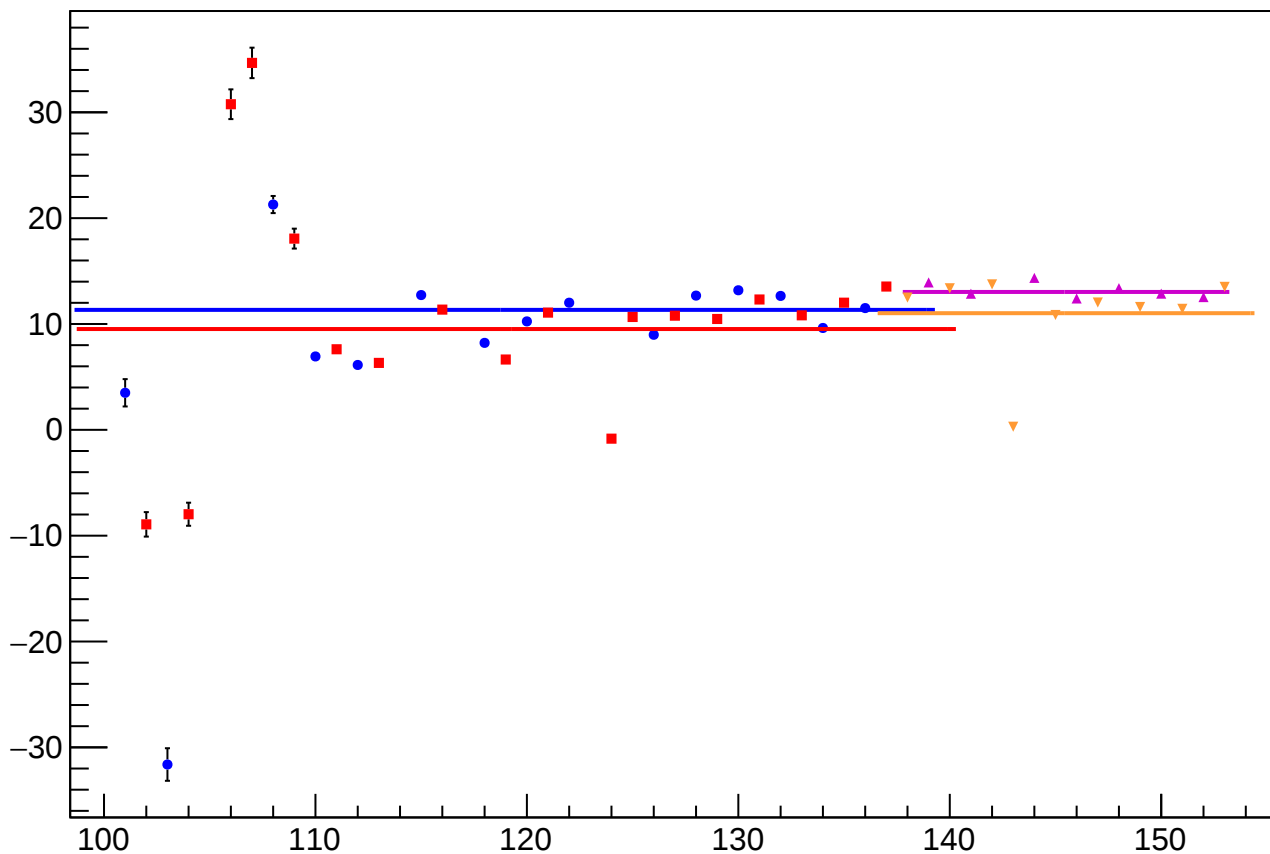
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -10.264 ± 0.019 χ^2/NDF : 4078524.0/21

Out: -14.786 ± 0.019 χ^2/NDF : 713013.2/26

All: -12.528 ± 0.013 χ^2/NDF : 4821162.5/48

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.021 $\pm$ 0.025 χ^2 /NDF:26888.4/8

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.027 $\pm$ 0.023 χ^2 /NDF:499.1/6

Left: 12.113 $\pm$ 0.017 χ^2 /NDF: 30832.4/15

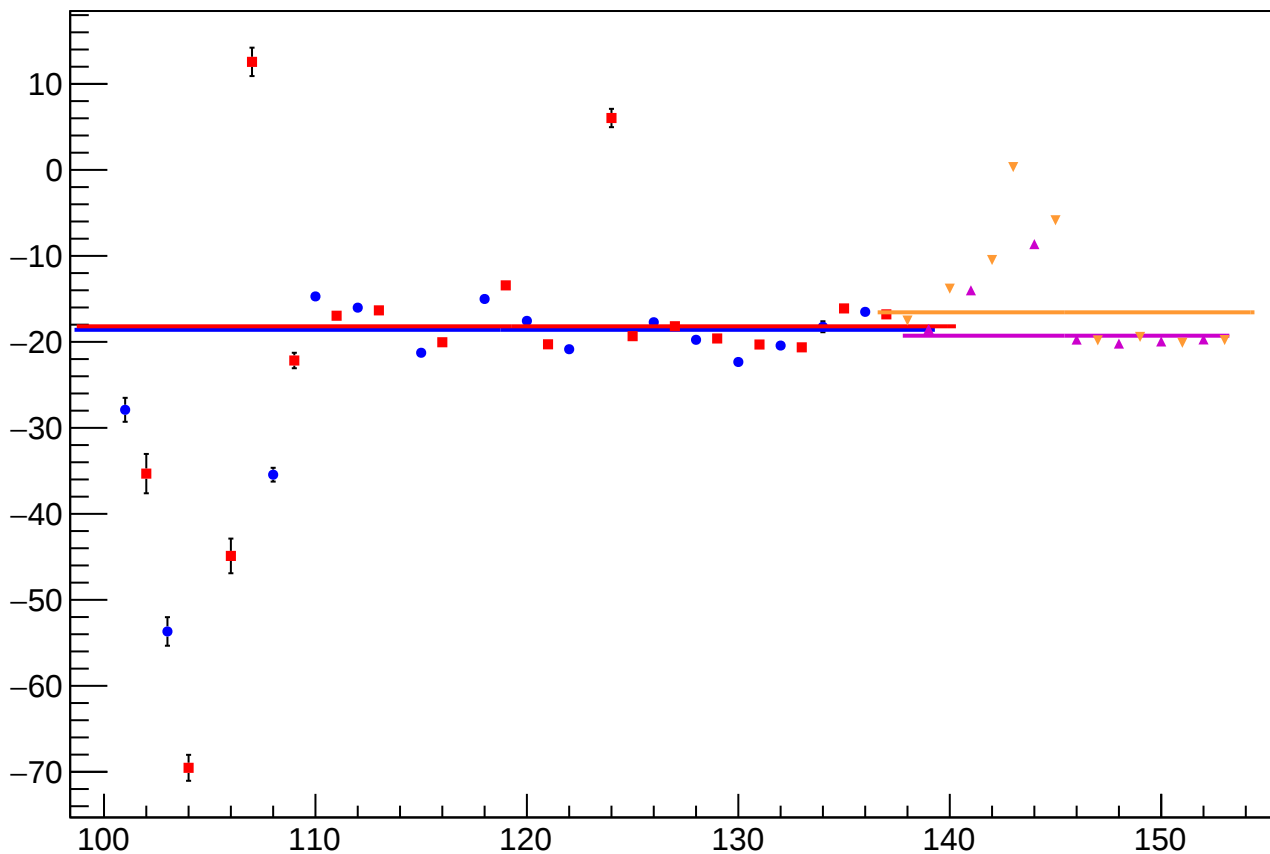
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.560 $\pm$ 0.020 χ^2 /NDF:4391.3/21

Out: 10.697 $\pm$ 0.022 χ^2 /NDF:31717.0/26

All: 11.748 $\pm$ 0.015 χ^2 /NDF: 40034.7/48

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -16.564 ± 0.029 χ^2/NDF : 41953.6/8

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.282 ± 0.026 χ^2/NDF : 6085.1/6

Left: -18.038 ± 0.019 χ^2/NDF : 52878.0/15

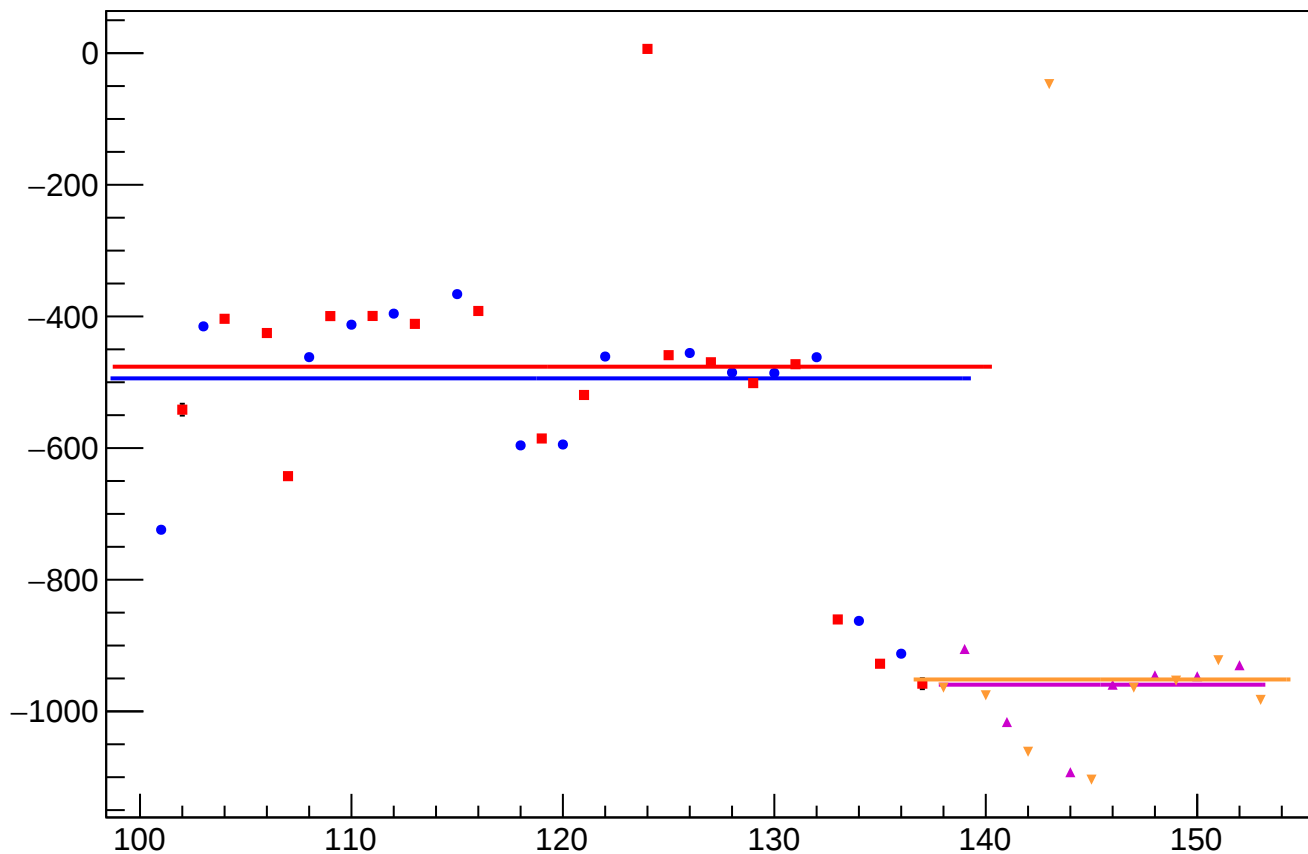
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.052 ± 0.022 χ^2/NDF : 12499.7/21

Out: -16.975 ± 0.025 χ^2/NDF : 47641.9/26

All: -18.162 ± 0.016 χ^2/NDF : 64125.9/48

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -951.527 ± 0.257 $\chi^2/\text{NDF}: 307402.8/8$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -959.471 ± 0.338 $\chi^2/\text{NDF}: 16897.5/6$

Left: -954.439 ± 0.205 $\chi^2/\text{NDF}: 324650.3/15$

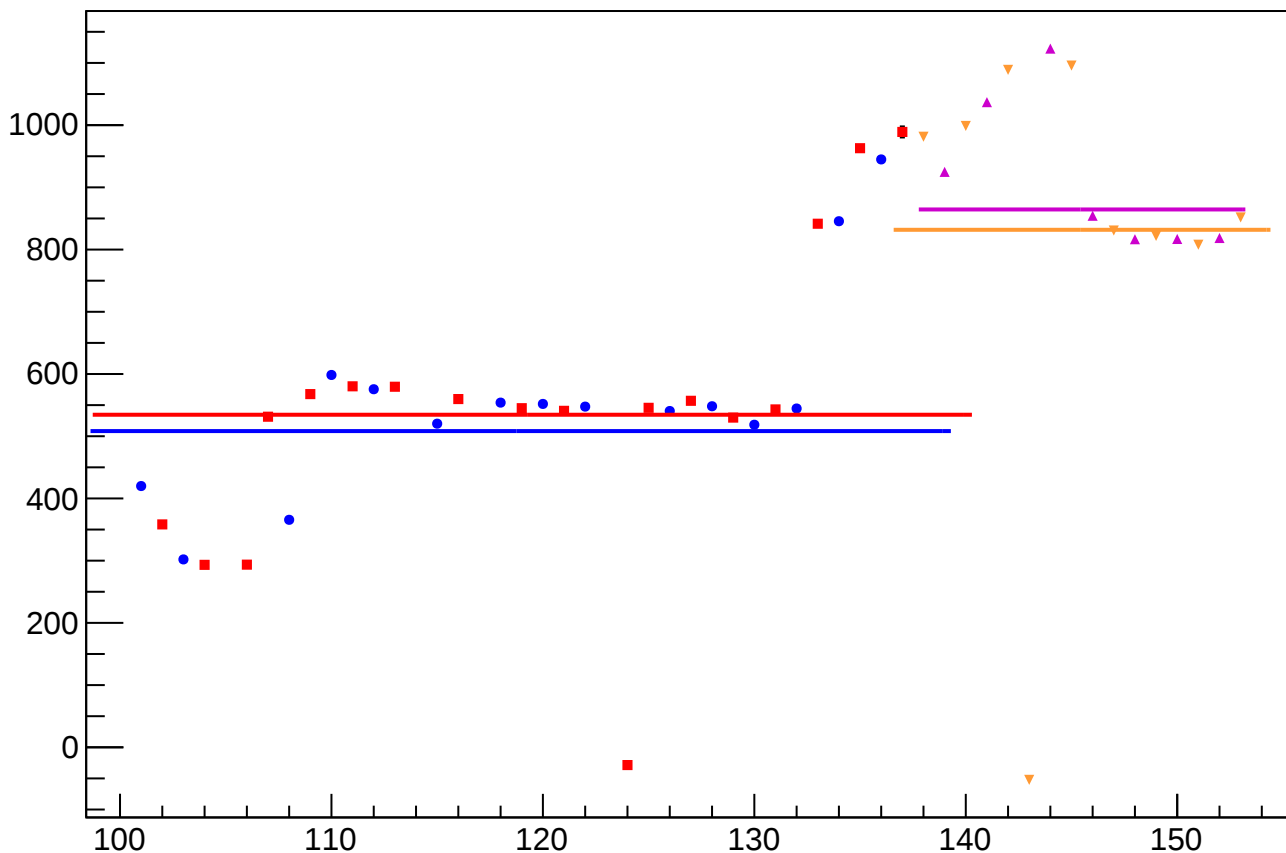
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -643.242 ± 0.191 $\chi^2/\text{NDF}: 1631524.0/21$

Out: -638.644 ± 0.150 $\chi^2/\text{NDF}: 3151718.1/26$

All: -640.398 ± 0.118 $\chi^2/\text{NDF}: 4783599.4/48$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 831.790 $\pm$ 0.207 χ^2 /NDF:409541.3/8

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 864.473 $\pm$ 0.299 χ^2 /NDF:84089.4/6

Left: 842.372 $\pm$ 0.170 χ^2 /NDF: 501712.6/15

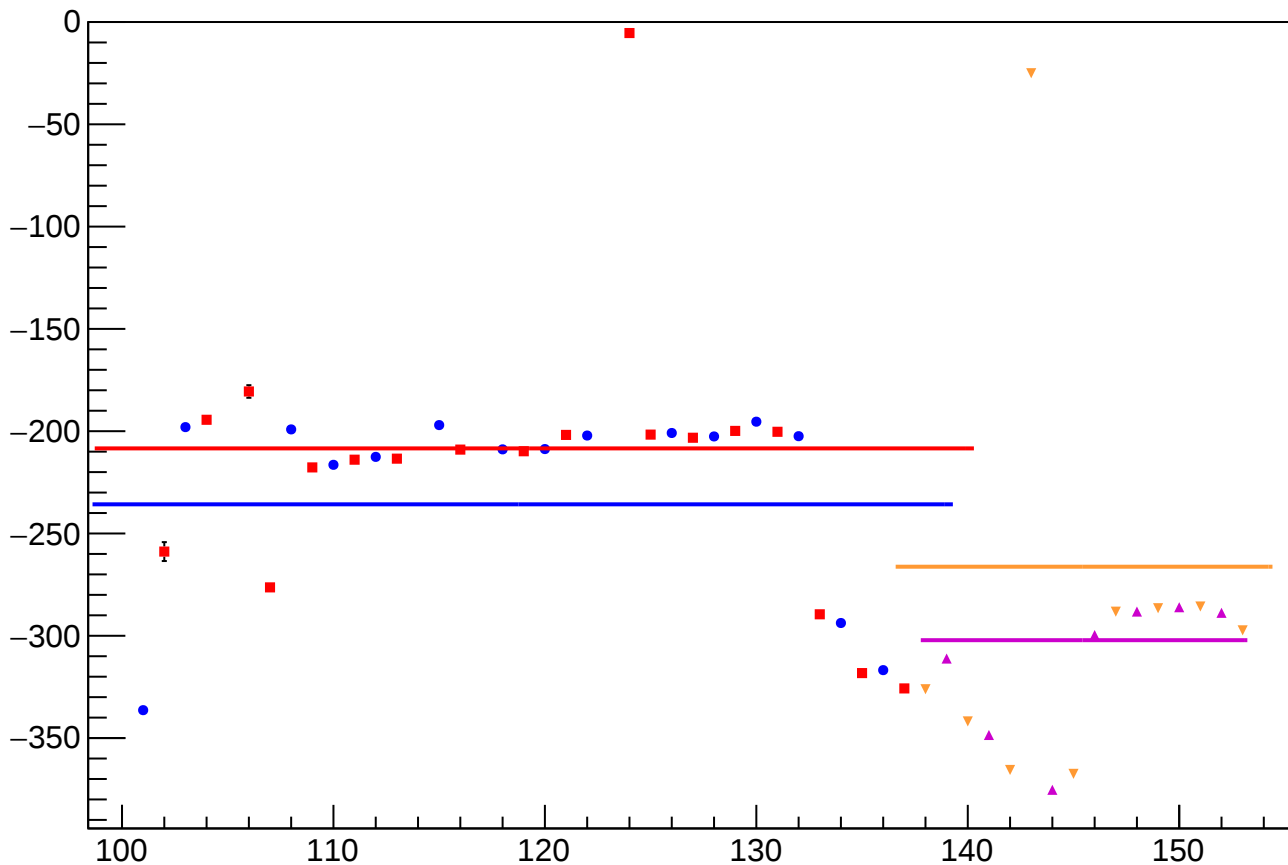
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 634.630 $\pm$ 0.178 χ^2 /NDF:1439602.5/21

Out: 690.387 $\pm$ 0.150 χ^2 /NDF:1760053.1/26

All: 667.282 $\pm$ 0.115 χ^2 /NDF: 3257076.2/48

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -266.240+/-0.033 χ^2/NDF : 6097866.4/8

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -302.153+/-0.055 χ^2/NDF : 218003.5/6

Left: -275.695+/-0.028 χ^2/NDF : 6627537.2/15

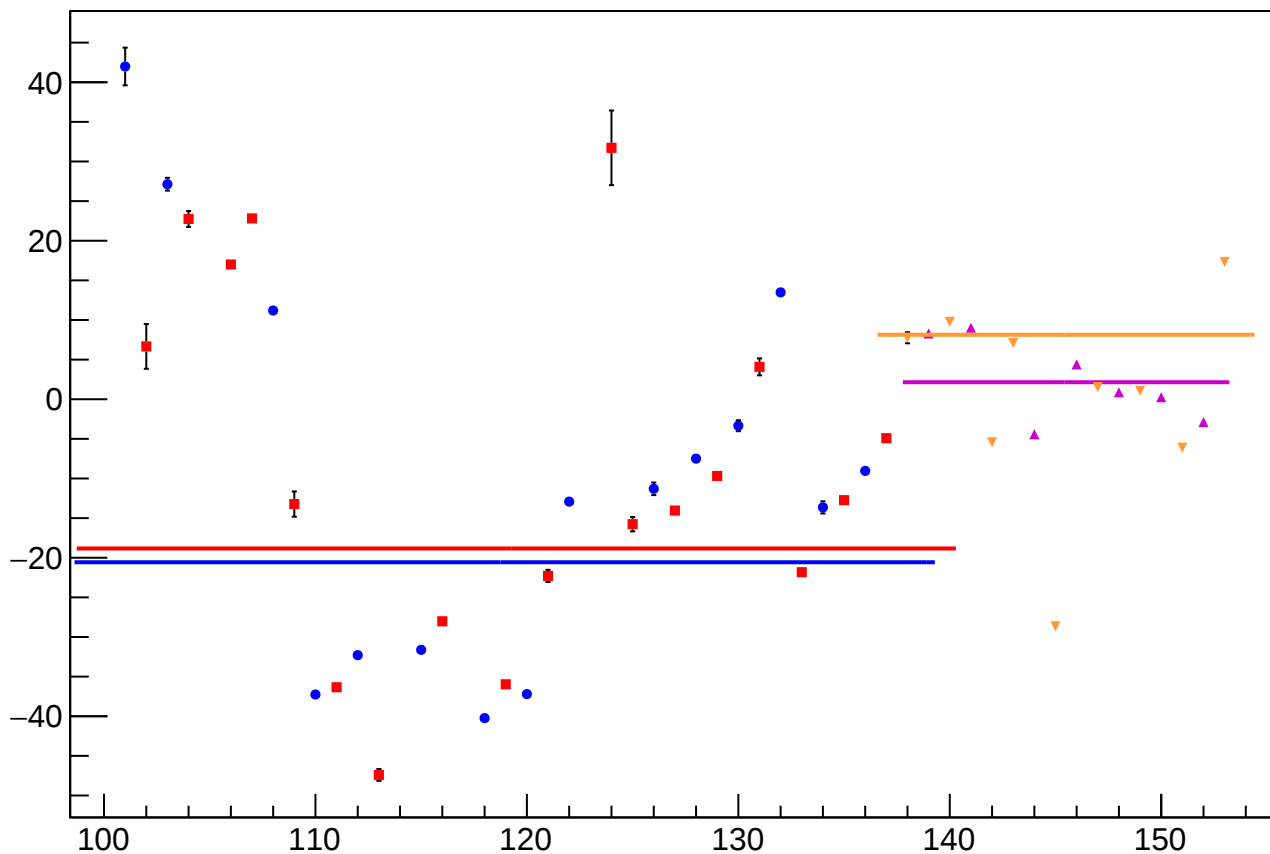
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -268.955+/-0.039 χ^2/NDF : 1817297.6/21

Out: -246.999+/-0.027 χ^2/NDF : 7494041.2/26

All: -254.089+/-0.022 χ^2/NDF : 9525438.2/48

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 8.135 ± 0.039 χ^2/NDF : 44899.3/8

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.149 ± 0.039 χ^2/NDF : 7329.0/6

Left: 5.170 ± 0.027 χ^2/NDF : 64081.9/15

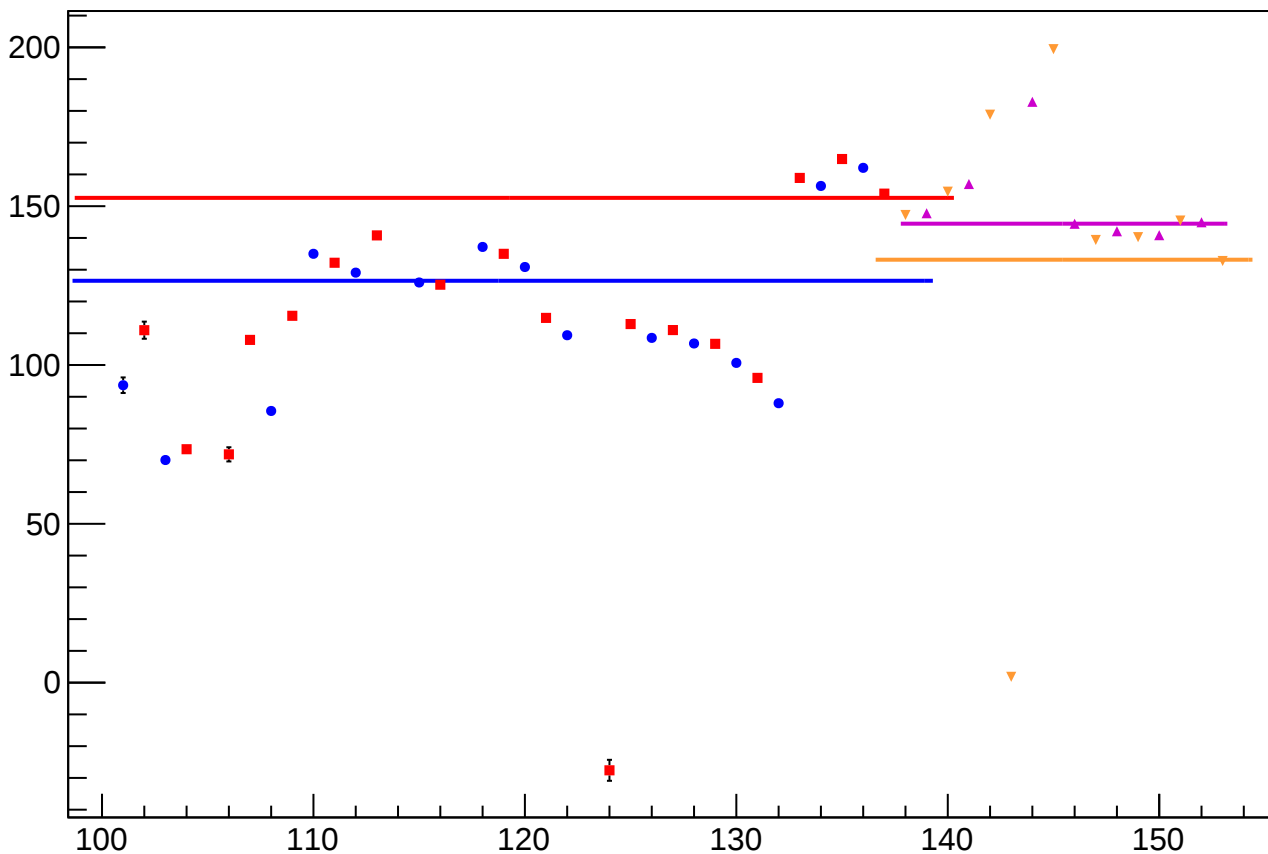
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.090 ± 0.034 χ^2/NDF : 148761.1/21

Out: 5.068 ± 0.036 χ^2/NDF : 120998.9/26

All: 0.739 ± 0.025 χ^2/NDF : 296380.2/48

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.150 $\pm$ 0.050 χ^2 /NDF: 382159.5/8

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 144.490 $\pm$ 0.050 χ^2 /NDF: 20646.2/6

Left: 138.833 $\pm$ 0.036 χ^2 /NDF: 428127.5/15

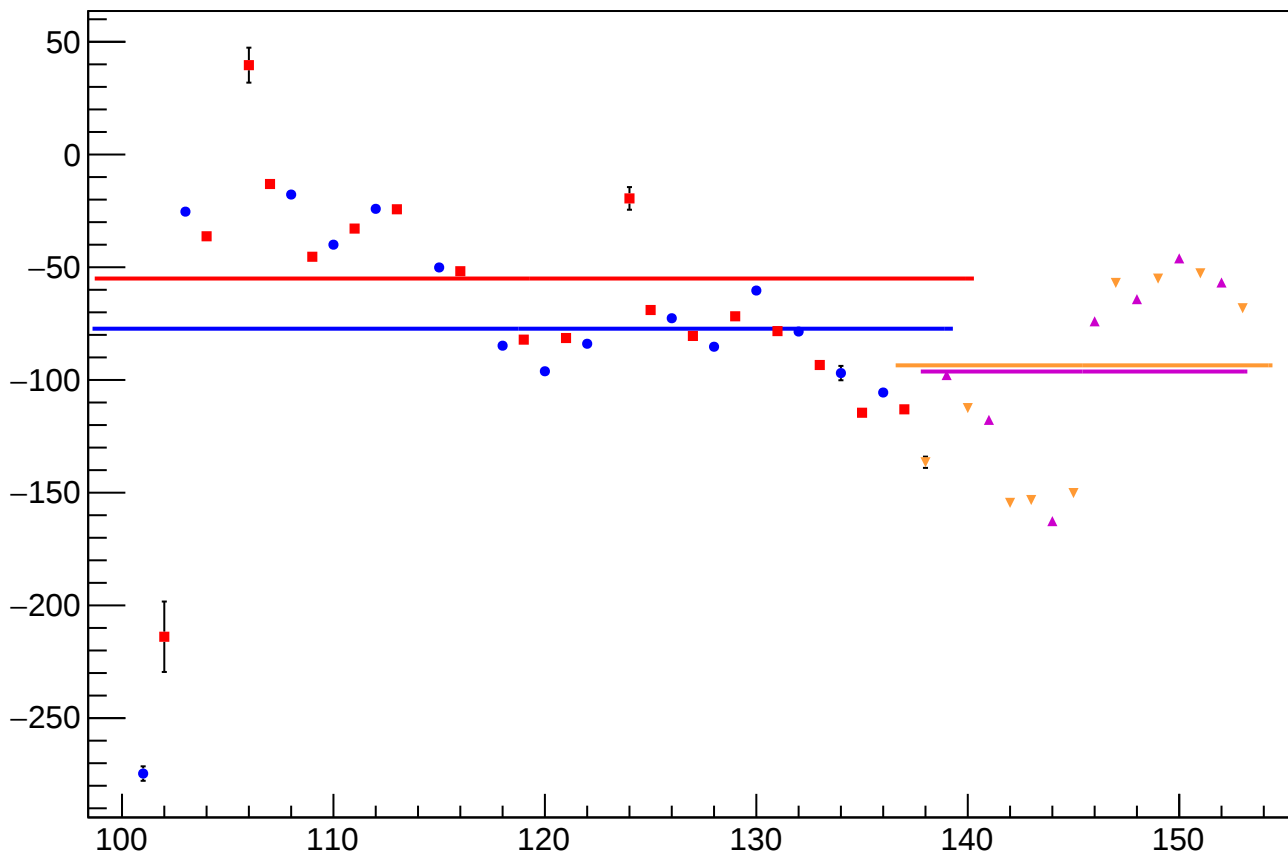
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 139.742 $\pm$ 0.043 χ^2 /NDF: 169300.4/21

Out: 147.446 $\pm$ 0.026 χ^2 /NDF: 565529.9/26

All: 145.395 $\pm$ 0.022 χ^2 /NDF: 758194.7/48

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -93.517 ± 0.192 $\chi^2/\text{NDF}: 46435.5/8$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -96.259 ± 0.187 $\chi^2/\text{NDF}: 43127.5/6$

Left: -94.927 ± 0.134 $\chi^2/\text{NDF}: 89667.9/15$

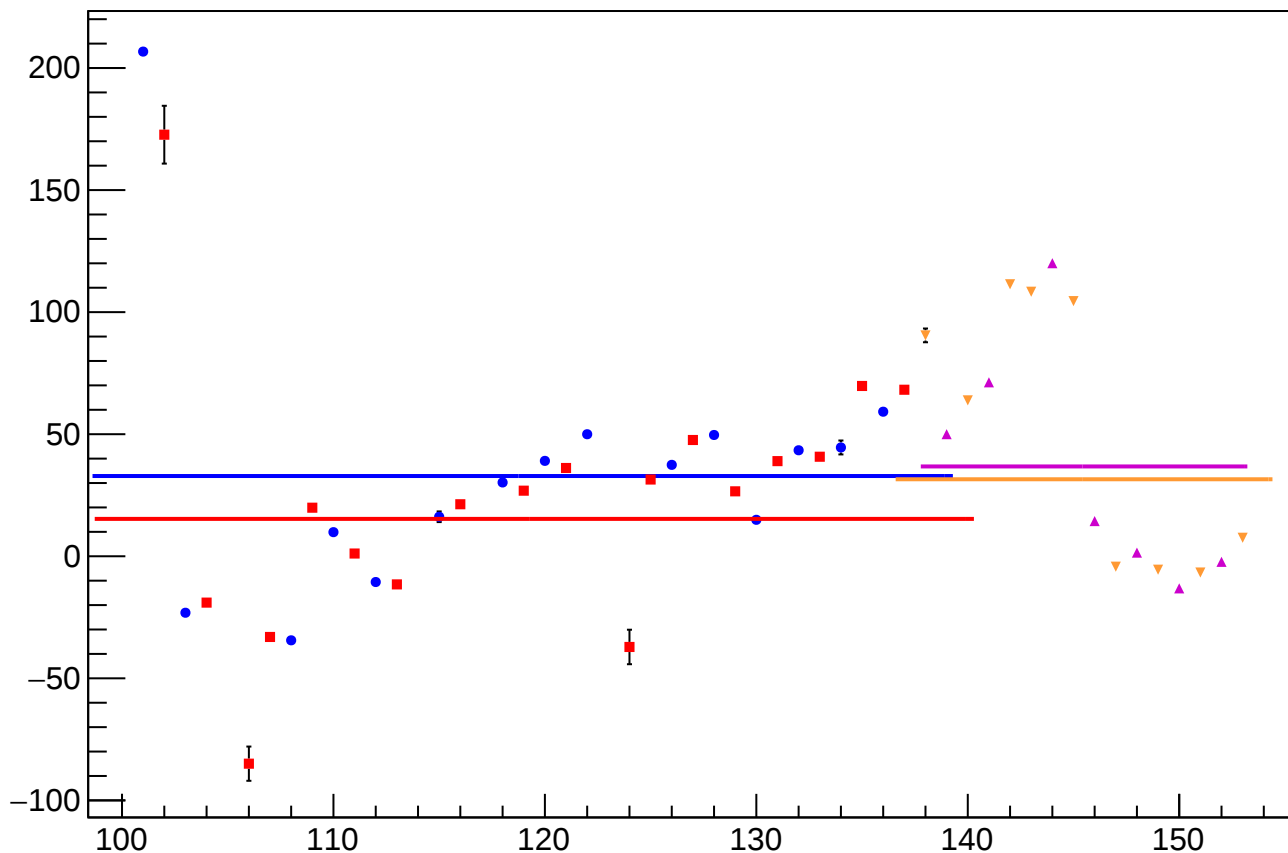
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.503 ± 0.115 $\chi^2/\text{NDF}: 79898.6/21$

Out: -74.086 ± 0.135 $\chi^2/\text{NDF}: 90364.1/26$

All: -80.119 ± 0.088 $\chi^2/\text{NDF}: 173703.3/48$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 31.539 $\pm$ 0.170 χ^2/NDF : 76117.0/8

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 36.793 $\pm$ 0.169 χ^2/NDF : 67452.5/6

Left: 34.192 $\pm$ 0.120 χ^2/NDF : 144049.9/15

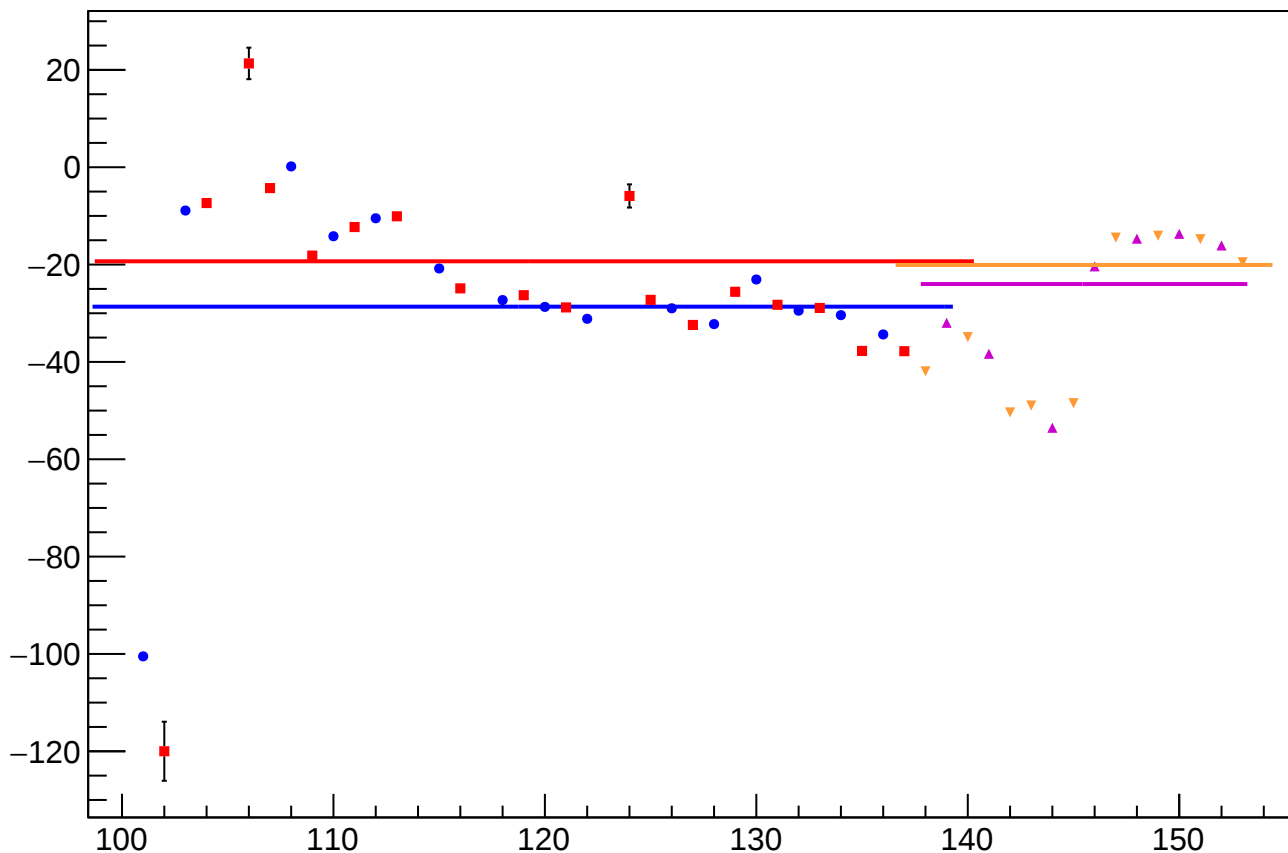
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 34.550 $\pm$ 0.110 χ^2/NDF : 99155.7/21

Out: 25.086 $\pm$ 0.132 χ^2/NDF : 96472.6/26

All: 30.662 $\pm$ 0.085 χ^2/NDF : 198647.6/48

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.080 ± 0.024 $\chi^2/\text{NDF}: 209783.0/8$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -24.000 ± 0.029 $\chi^2/\text{NDF}: 151030.9/6$

Left: -21.666 ± 0.018 $\chi^2/\text{NDF}: 372022.9/15$

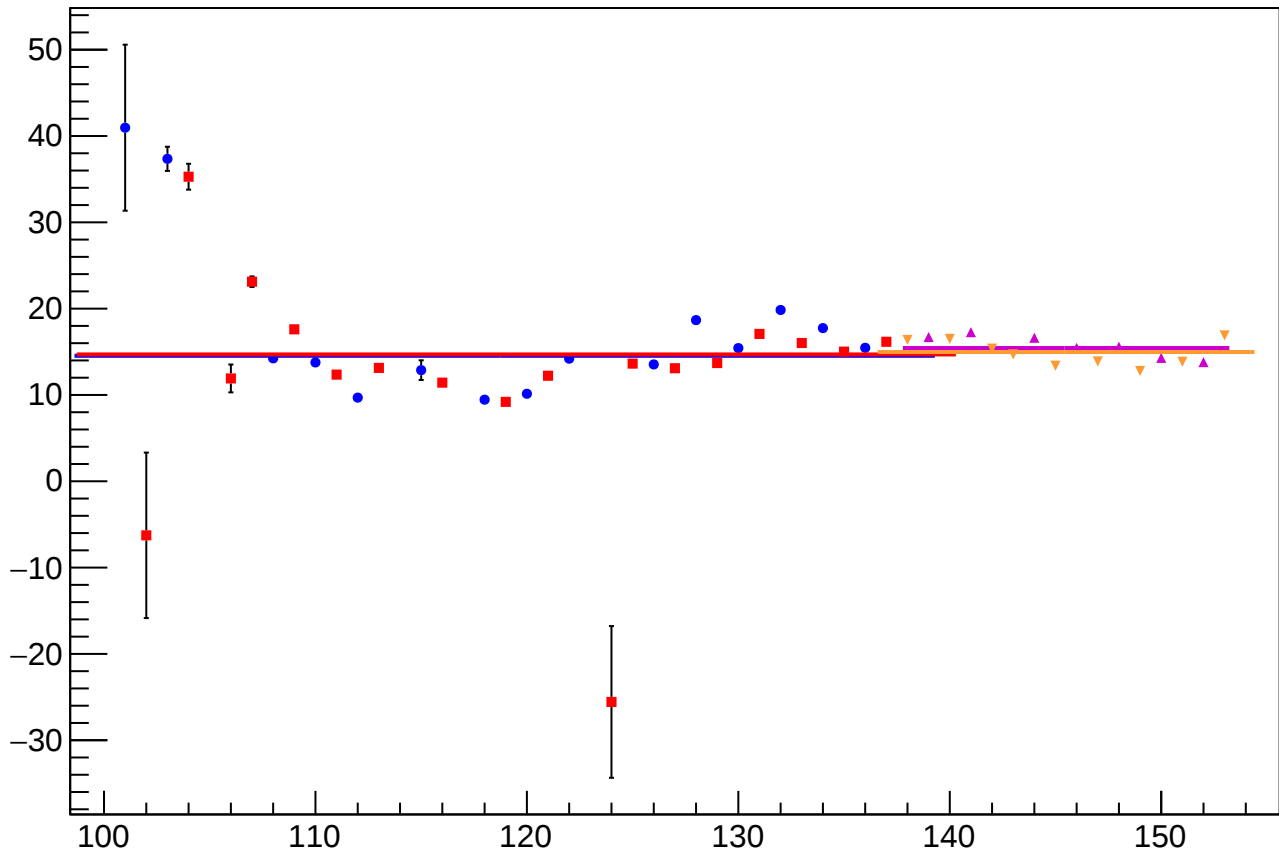
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.906 ± 0.022 $\chi^2/\text{NDF}: 275324.0/21$

Out: -19.881 ± 0.020 $\chi^2/\text{NDF}: 266633.7/26$

All: -22.645 ± 0.015 $\chi^2/\text{NDF}: 582756.6/48$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.973+/-0.024 χ^2/NDF : 3922.4/8

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.441+/-0.024 χ^2/NDF : 2637.5/6

Left: 15.207+/-0.017 χ^2/NDF : 6754.3/15

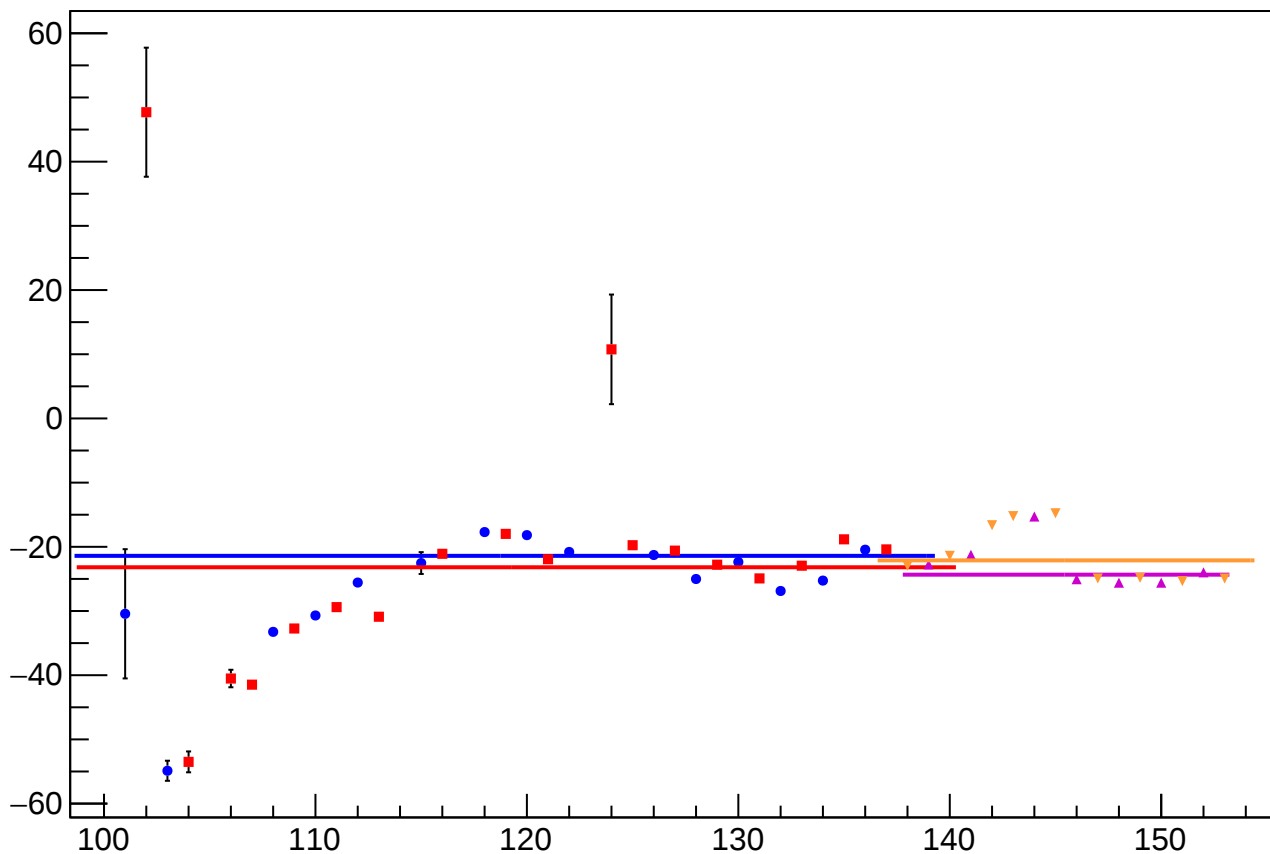
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.090+/-0.019 χ^2/NDF : 15269.1/21

Out: 14.909+/-0.021 χ^2/NDF : 5586.8/26

All: 15.010+/-0.014 χ^2/NDF : 20898.0/48

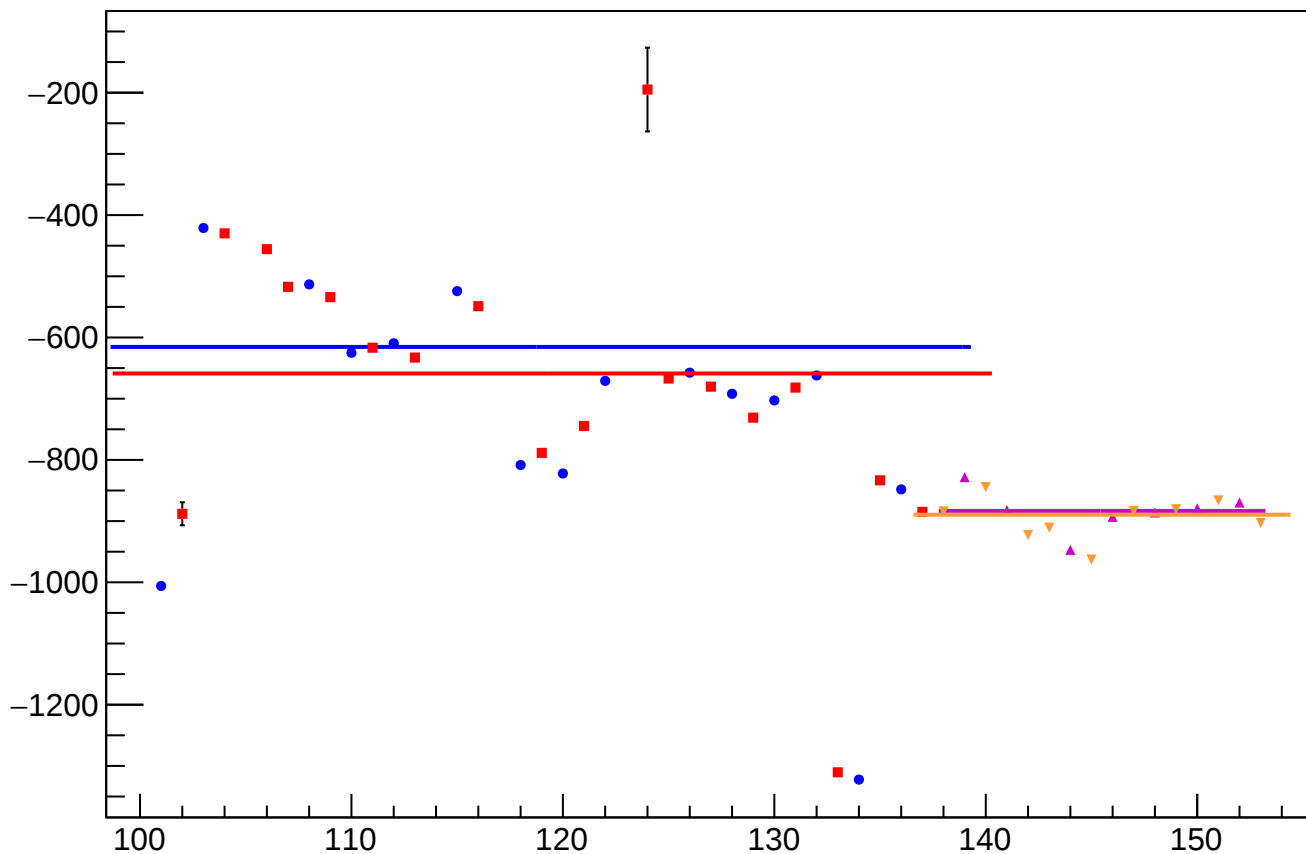
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.112 ± 0.026 $\chi^2/\text{NDF}: 25146.5/8$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.338 ± 0.027 $\chi^2/\text{NDF}: 7291.2/6$

Left: -23.192 ± 0.019 $\chi^2/\text{NDF}: 36007.6/15$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.280 ± 0.021 $\chi^2/\text{NDF}: 21320.1/21$
 Out: -22.332 ± 0.023 $\chi^2/\text{NDF}: 34624.6/26$
 All: -22.844 ± 0.016 $\chi^2/\text{NDF}: 56849.8/48$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -889.526+/-0.244 χ^2/NDF :10980.2/8

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -883.328+/-0.213 χ^2/NDF :8624.7/6

Left: -886.014+/-0.161 χ^2/NDF : 19970.1/15

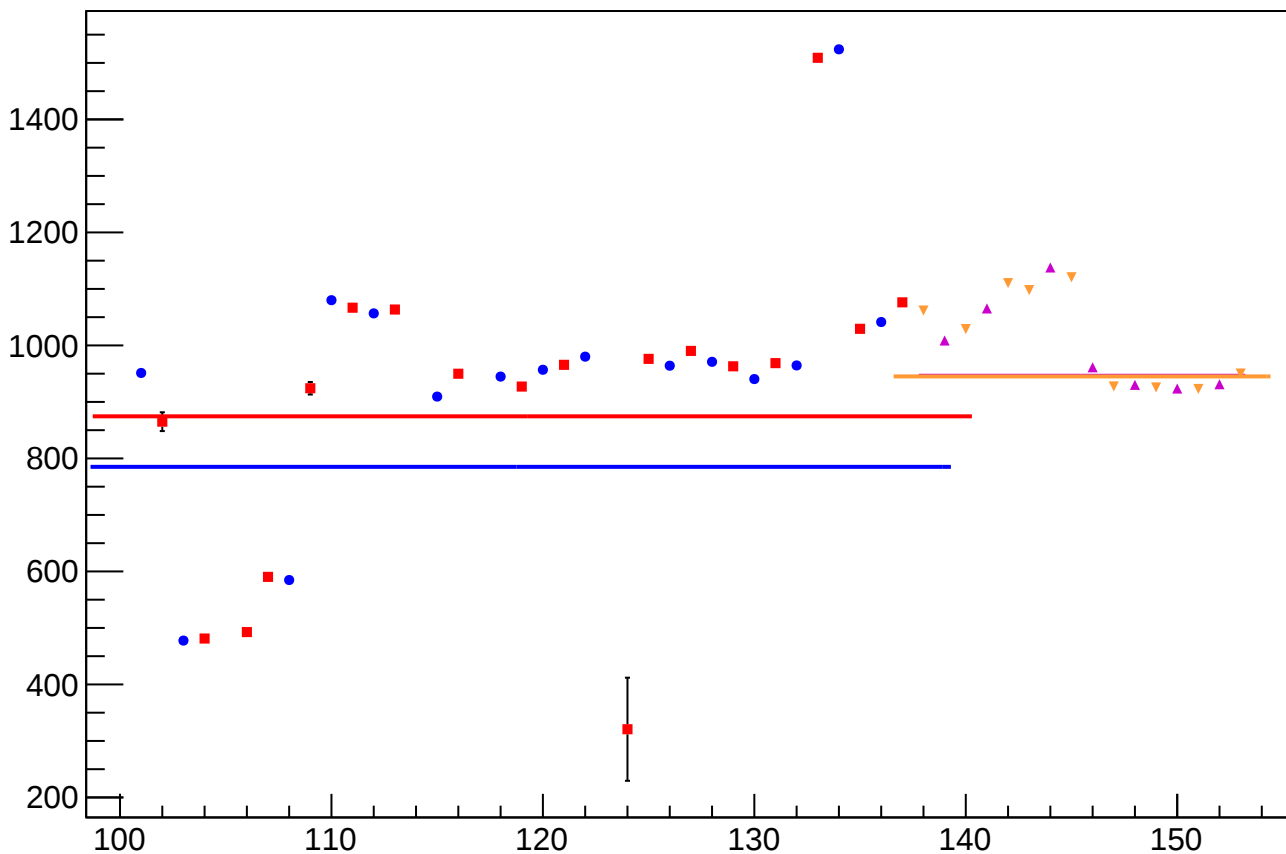
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -763.669+/-0.159 χ^2/NDF :1094973.0/21

Out: -779.793+/-0.177 χ^2/NDF :821294.6/26

All: -770.871+/-0.118 χ^2/NDF : 1920872.8/48

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.146+/-0.191 χ^2/NDF : 67876.6/8

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 946.266+/-0.179 χ^2/NDF : 72745.7/6

Left: 945.742+/-0.131 χ^2/NDF : 140640.6/15

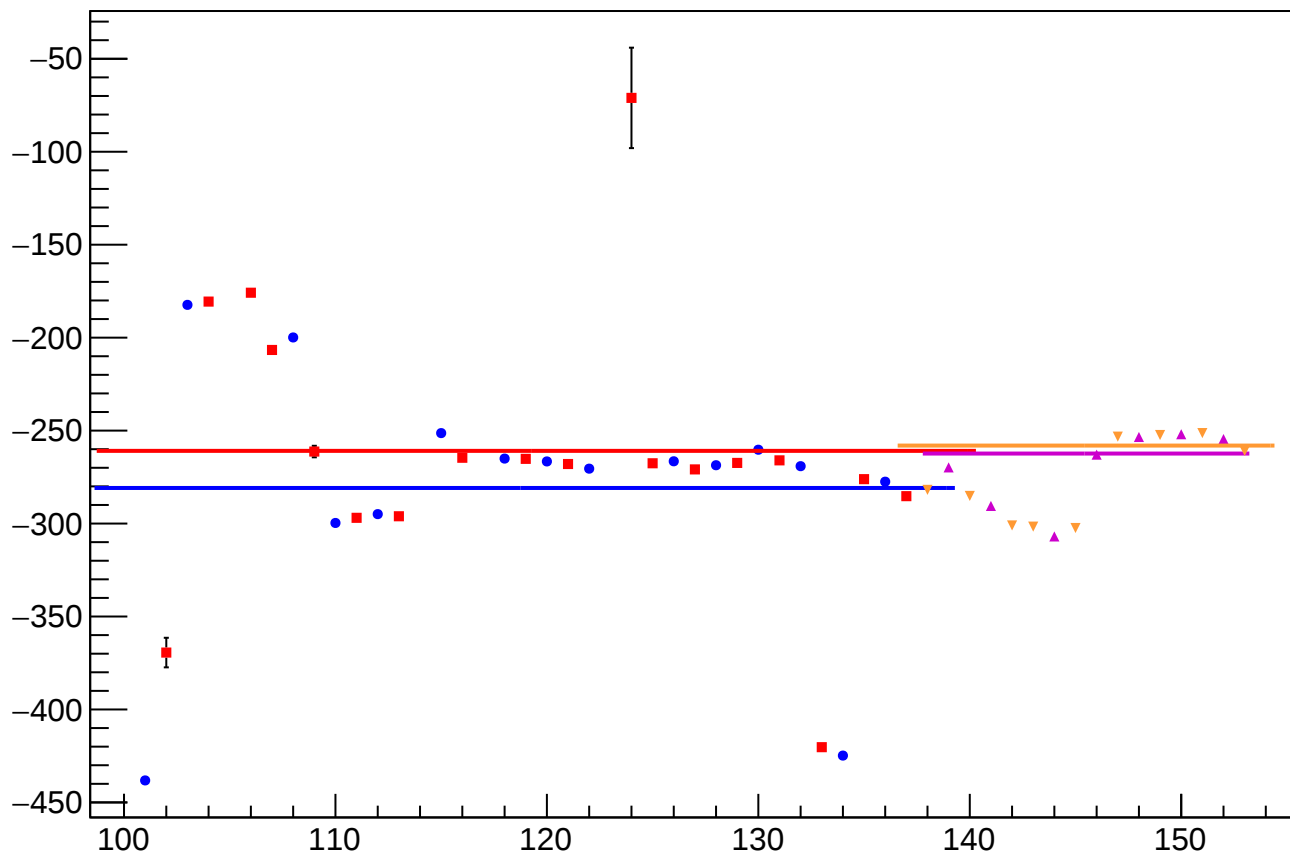
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 884.659+/-0.141 χ^2/NDF : 1267476.2/21

Out: 920.514+/-0.154 χ^2/NDF : 958039.5/26

All: 900.975+/-0.104 χ^2/NDF : 2254945.7/48

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -258.051+/-0.030 χ^2/NDF :155682.0/8

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -262.344+/-0.038 χ^2/NDF :161561.7/6

Left: -259.754+/-0.024 χ^2/NDF : 325107.9/15

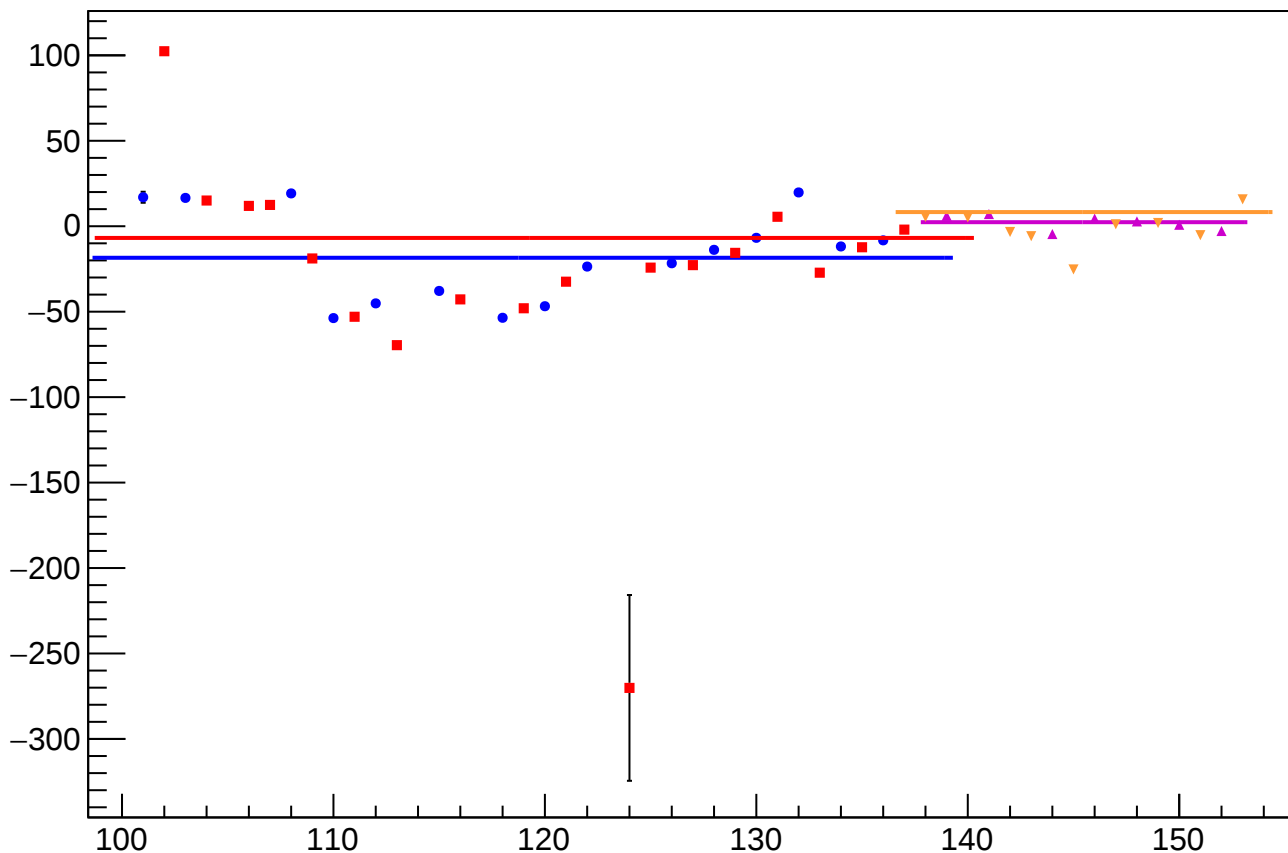
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -267.751+/-0.032 χ^2/NDF :1105982.8/21

Out: -258.532+/-0.028 χ^2/NDF :504874.0/26

All: -262.548+/-0.021 χ^2/NDF : 1658784.8/48

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.291 ± 0.039 $\chi^2/\text{NDF}: 40845.1/8$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 2.368 ± 0.041 $\chi^2/\text{NDF}: 4216.0/6$

Left: 5.493 ± 0.028 $\chi^2/\text{NDF}: 55878.2/15$

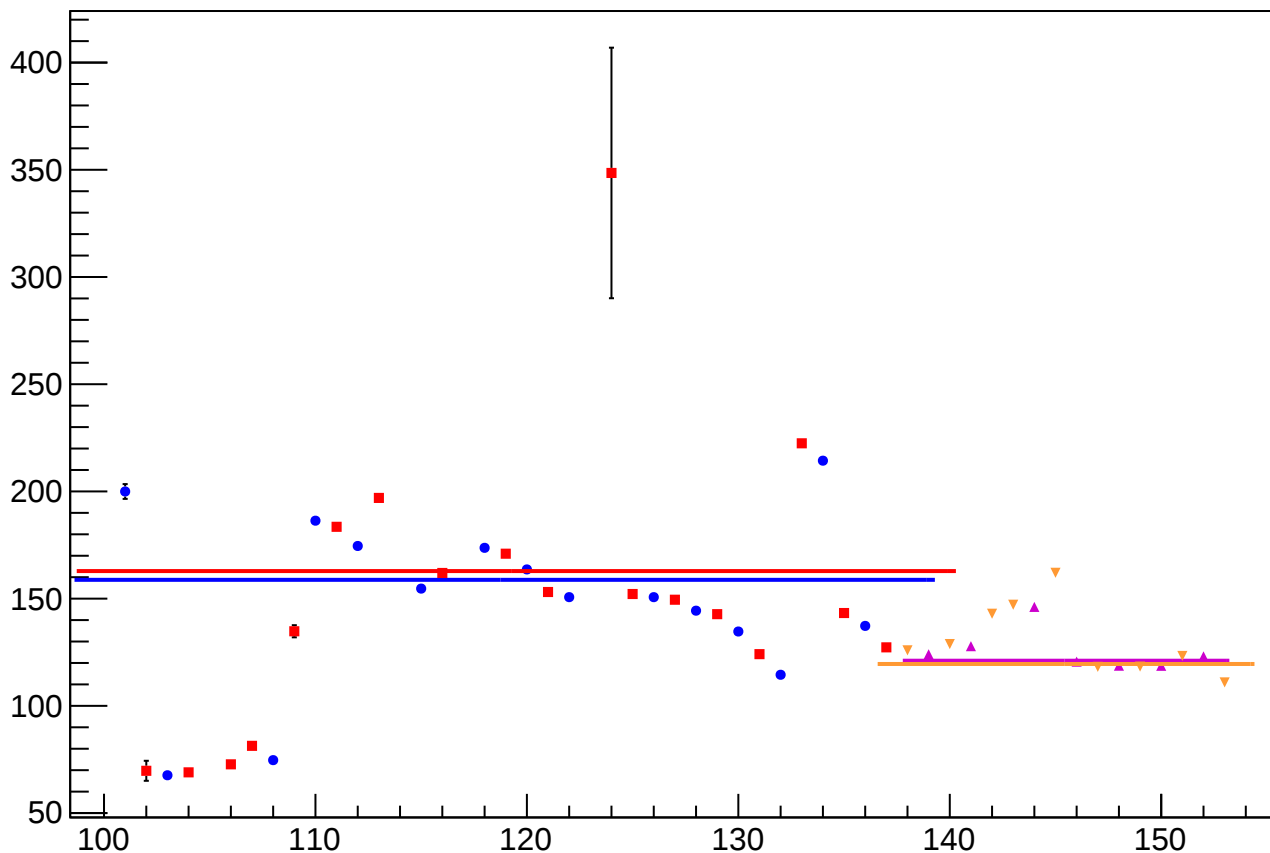
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -1.178 ± 0.038 $\chi^2/\text{NDF}: 93962.5/21$

Out: 4.224 ± 0.033 $\chi^2/\text{NDF}: 131036.8/26$

All: 1.841 ± 0.025 $\chi^2/\text{NDF}: 236491.8/48$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 119.528 $\pm$ 0.047 χ^2 /NDF: 44793.1/8

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 121.051 $\pm$ 0.044 χ^2 /NDF: 12991.8/6

Left: 120.331 $\pm$ 0.032 χ^2 /NDF: 58346.2/15

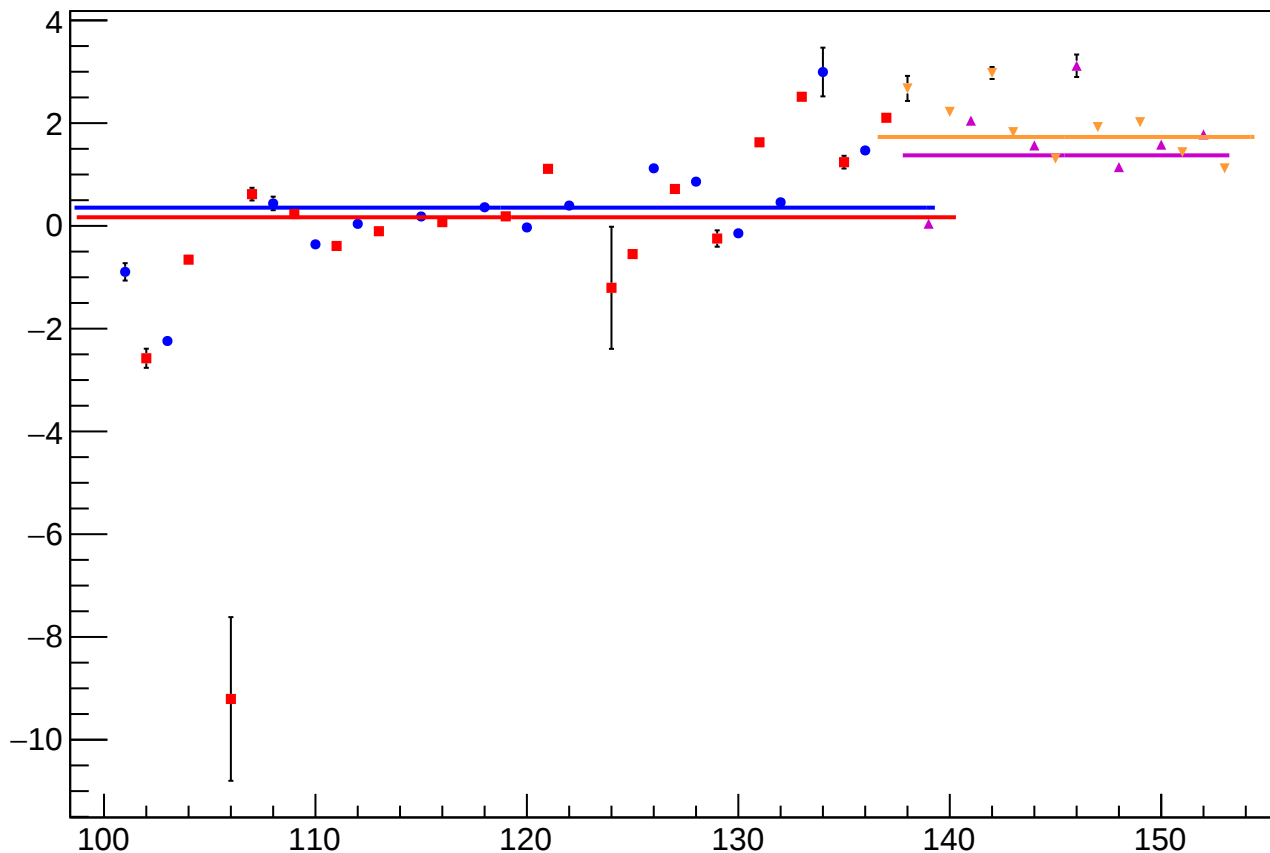
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 128.609 $\pm$ 0.040 χ^2 /NDF: 317907.8/21

Out: 128.205 $\pm$ 0.042 χ^2 /NDF: 373565.9/26

All: 128.418 $\pm$ 0.029 χ^2 /NDF: 691523.0/48

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.731 ± 0.016 $\chi^2/\text{NDF}: 597.0/8$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.373 ± 0.012 $\chi^2/\text{NDF}: 2745.1/6$

Left: 1.498 ± 0.010 $\chi^2/\text{NDF}: 3651.8/15$

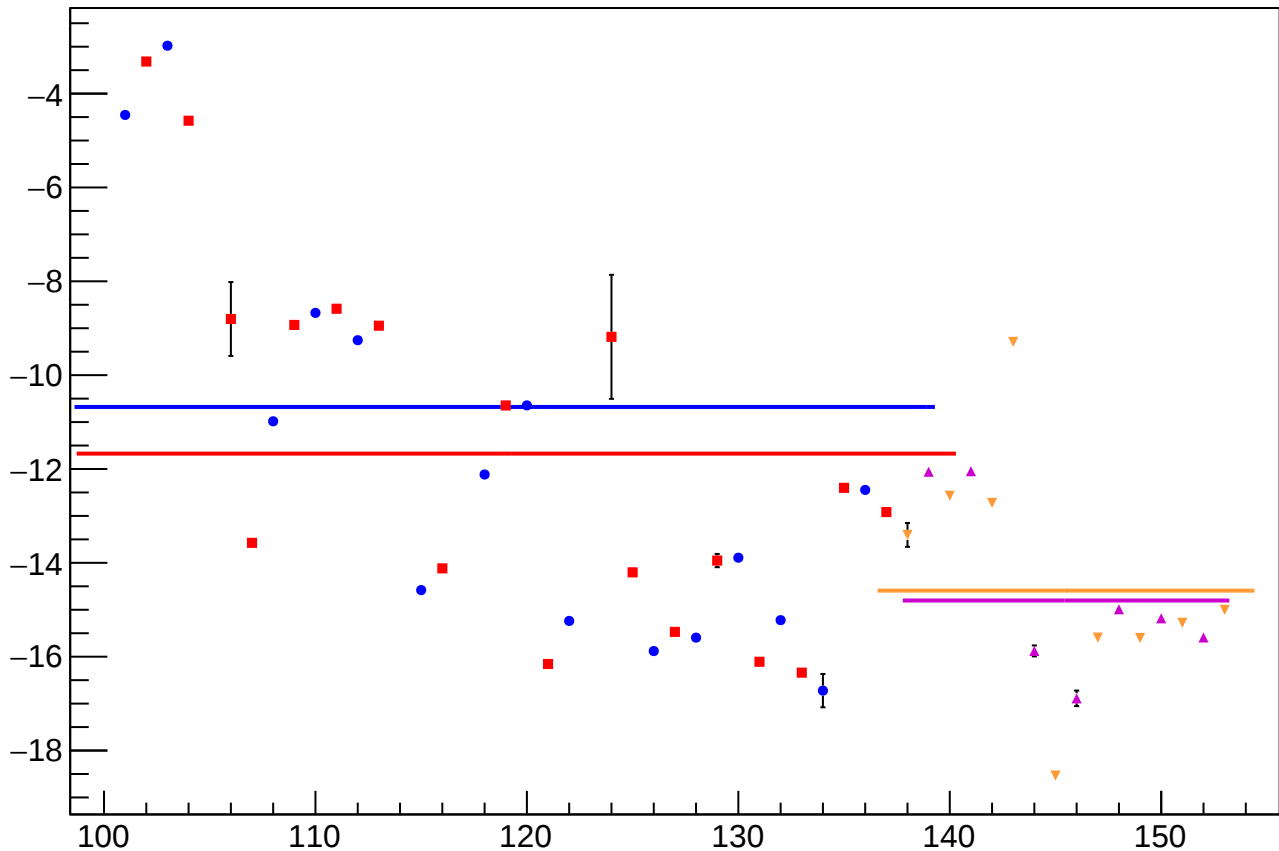
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.854 ± 0.008 $\chi^2/\text{NDF}: 10427.6/21$

Out: 0.446 ± 0.007 $\chi^2/\text{NDF}: 12639.3/26$

All: 0.611 ± 0.005 $\chi^2/\text{NDF}: 24465.5/48$

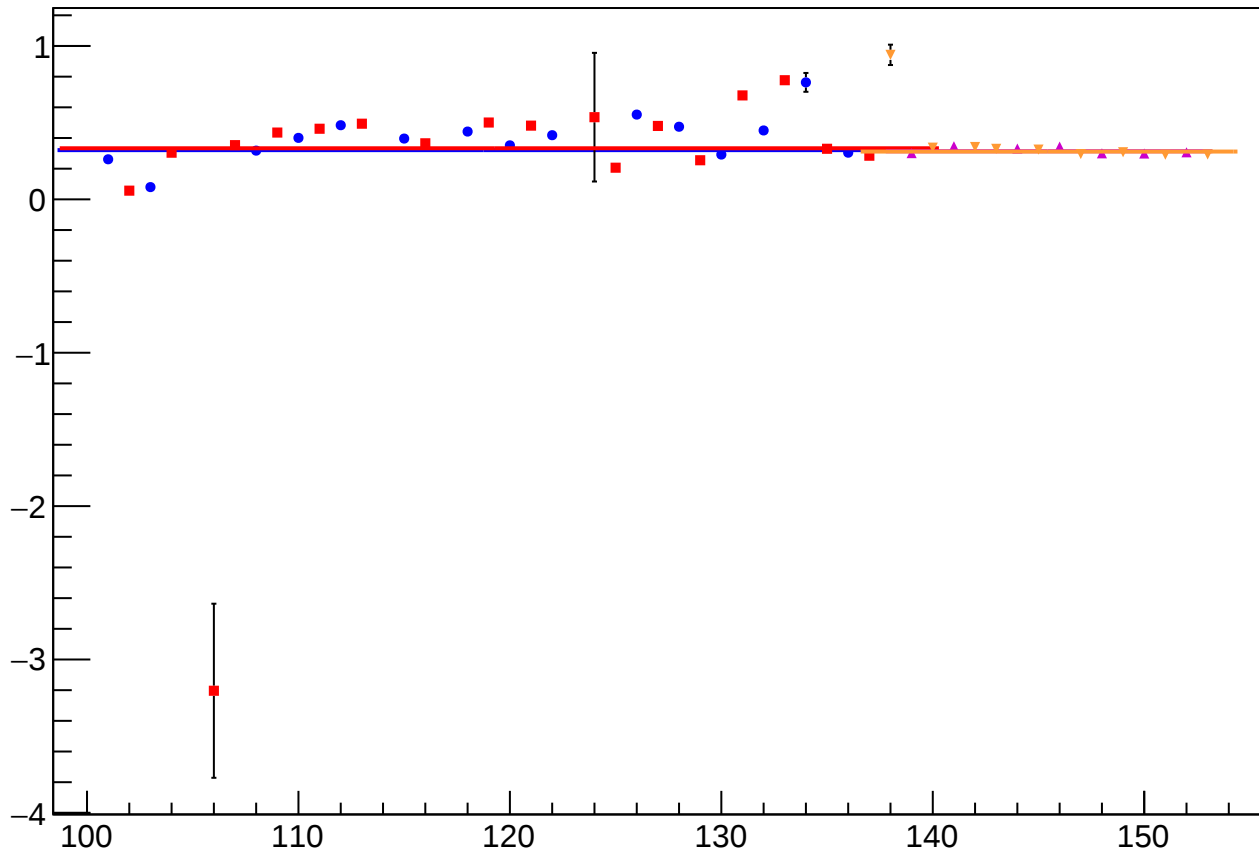
dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$
 Left Out: -14.592 ± 0.013 $\chi^2/\text{NDF}: 28454.7/8$
 Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$
 Left In: -14.803 ± 0.011 $\chi^2/\text{NDF}: 9921.2/6$

Left: -14.713 ± 0.009 $\chi^2/\text{NDF}: 38520.1/15$
 Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$
 In: -12.511 ± 0.008 $\chi^2/\text{NDF}: 308307.1/21$
 Out: -12.937 ± 0.009 $\chi^2/\text{NDF}: 163553.3/26$
 All: -12.696 ± 0.006 $\chi^2/\text{NDF}: 473197.9/48$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.312 $\pm$ 0.000 χ^2 /NDF:2258.9/8

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.314 $\pm$ 0.000 χ^2 /NDF:1365.1/6

Left: 0.313 $\pm$ 0.000 χ^2 /NDF: 3634.9/15

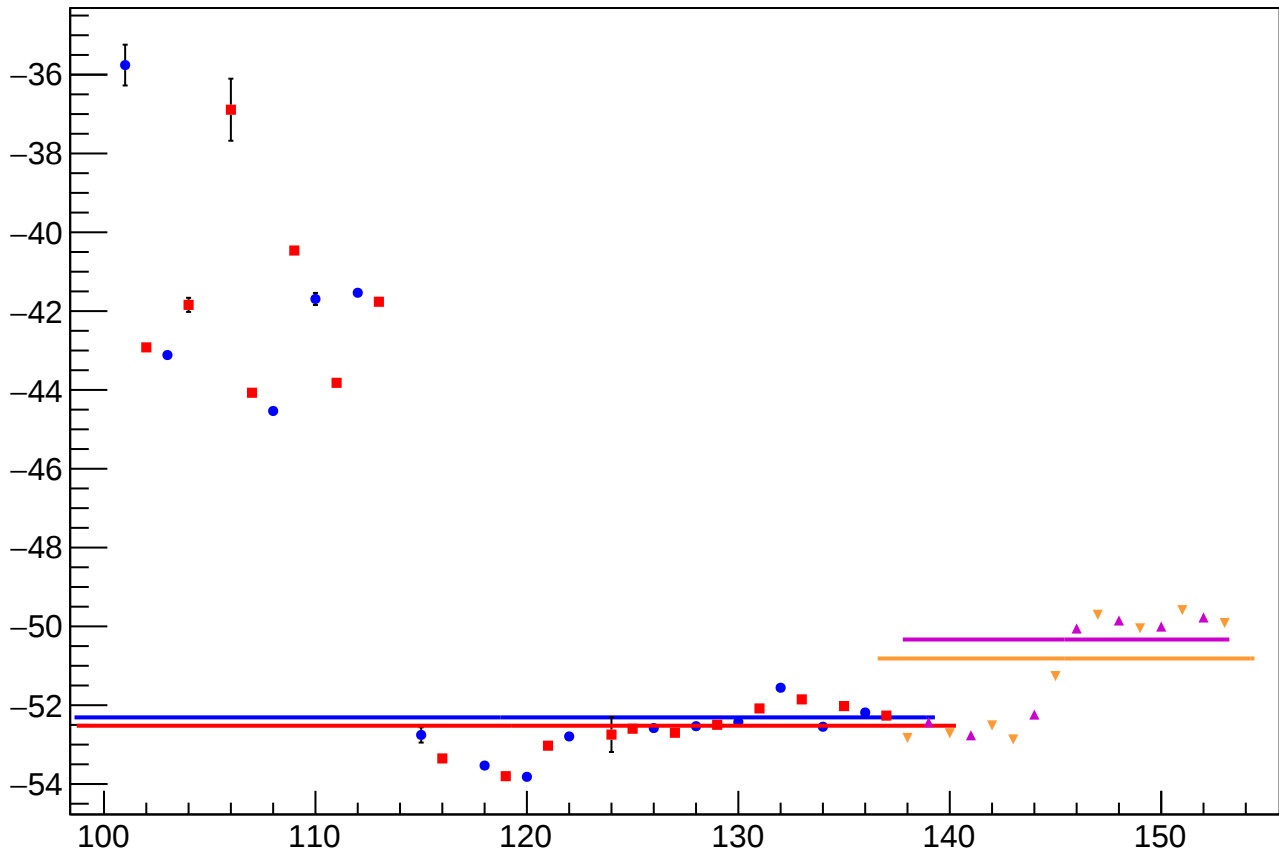
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.315 $\pm$ 0.000 χ^2 /NDF:5432.4/21

Out: 0.314 $\pm$ 0.000 χ^2 /NDF:6692.2/26

All: 0.314 $\pm$ 0.000 χ^2 /NDF: 12129.2/48

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.814 ± 0.003 $\chi^2/\text{NDF}: 189484.6/8$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.333 ± 0.002 $\chi^2/\text{NDF}: 147898.9/6$

Left: -50.509 ± 0.002 $\chi^2/\text{NDF}: 352033.2/15$

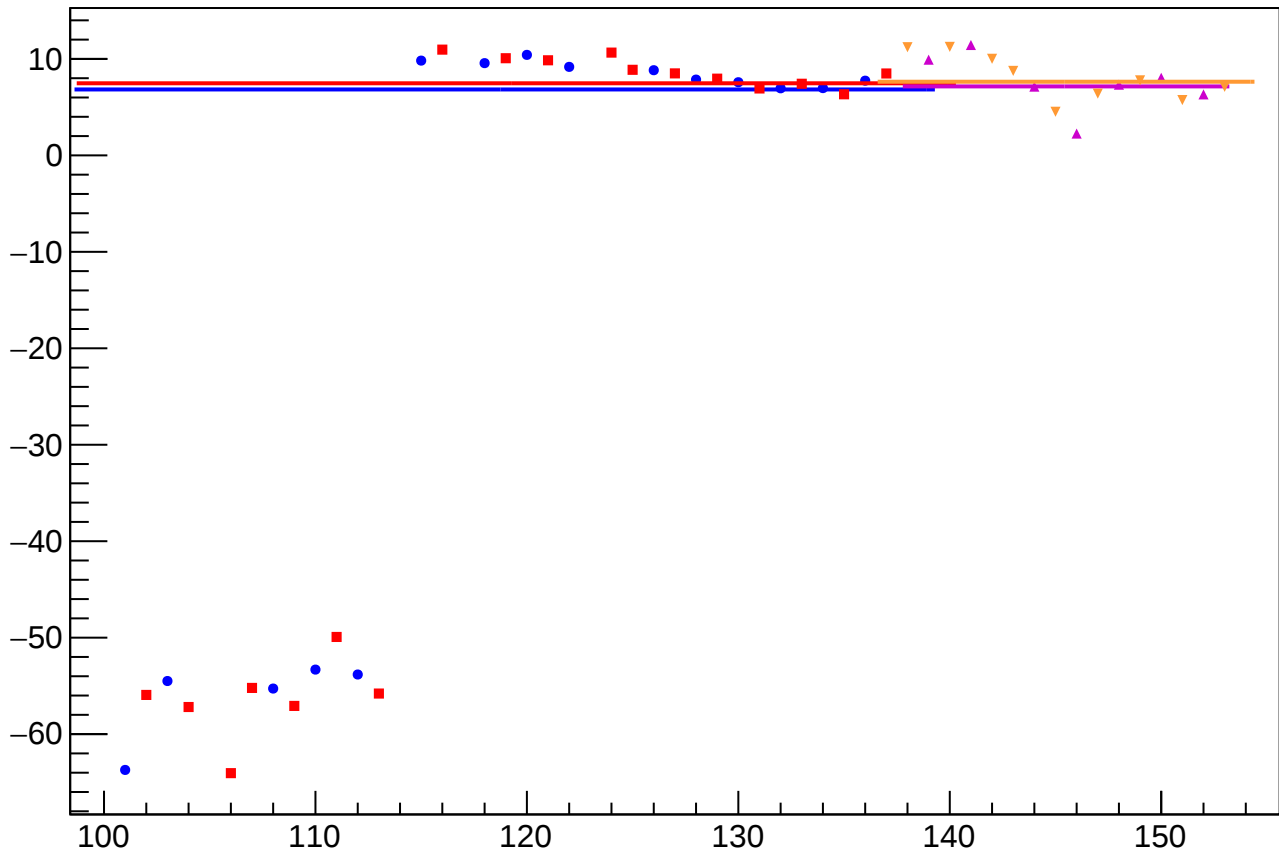
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.785 ± 0.002 $\chi^2/\text{NDF}: 355916.3/21$

Out: -51.362 ± 0.003 $\chi^2/\text{NDF}: 359316.1/26$

All: -51.013 ± 0.002 $\chi^2/\text{NDF}: 744803.7/48$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 7.636 $\pm$ 0.007 χ^2 /NDF: 71004.7/8

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.150 $\pm$ 0.006 χ^2 /NDF: 88175.8/6

Left: 7.373 $\pm$ 0.004 χ^2 /NDF: 162098.8/15

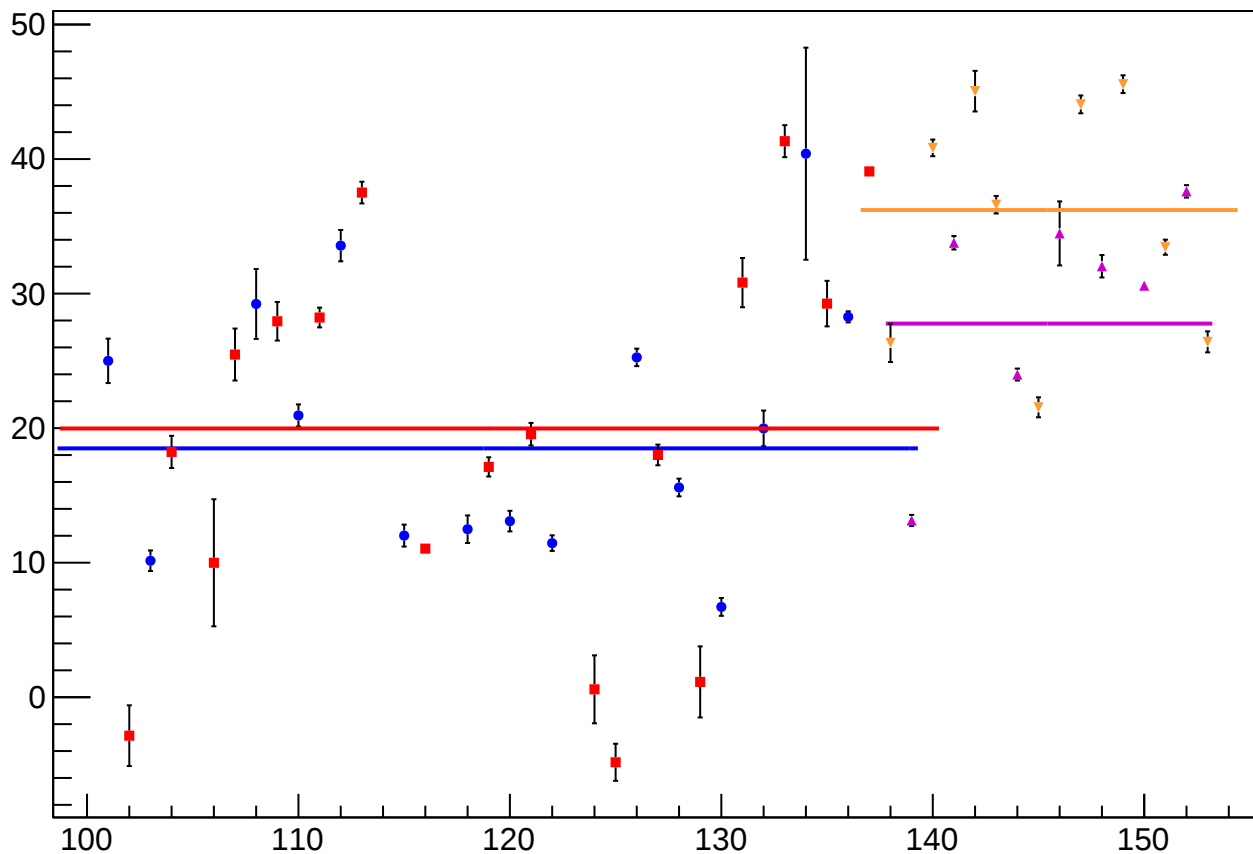
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 6.963 $\pm$ 0.004 χ^2 /NDF: 1080350.6/21

Out: 7.581 $\pm$ 0.005 χ^2 /NDF: 1266704.9/26

All: 7.175 $\pm$ 0.003 χ^2 /NDF: 2355709.6/48

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.212 ± 0.242 χ^2/NDF : 1047.7/8

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 27.770 ± 0.180 χ^2/NDF : 2028.9/6

Left: 30.782 ± 0.145 χ^2/NDF : 3858.4/15

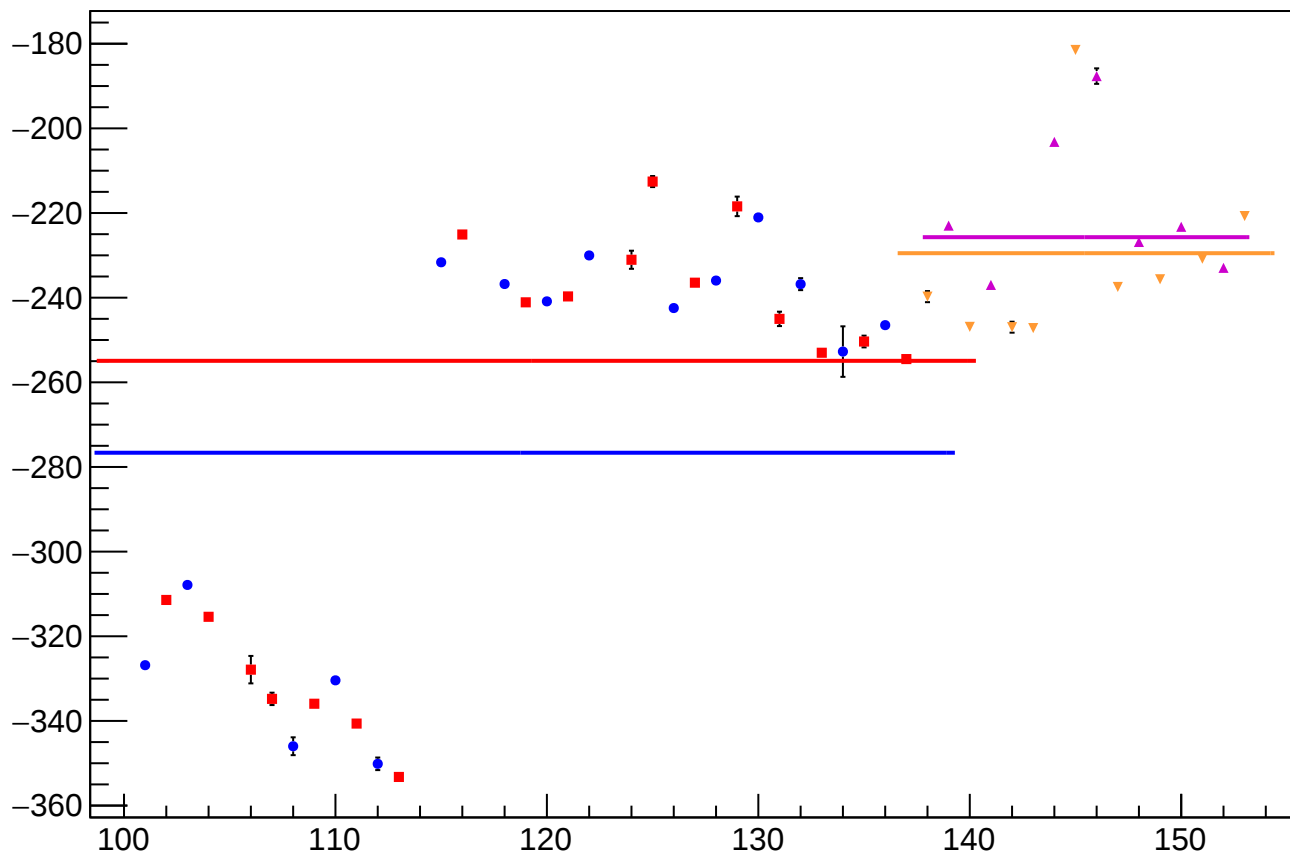
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 23.613 ± 0.134 χ^2/NDF : 4851.3/21

Out: 23.615 ± 0.115 χ^2/NDF : 13738.0/26

All: 23.614 ± 0.087 χ^2/NDF : 18589.3/48

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -229.492+/-0.194 χ^2/NDF :10889.4/8

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -225.708+/-0.158 χ^2/NDF :2520.7/6

Left: -227.217+/-0.122 χ^2/NDF : 13639.9/15

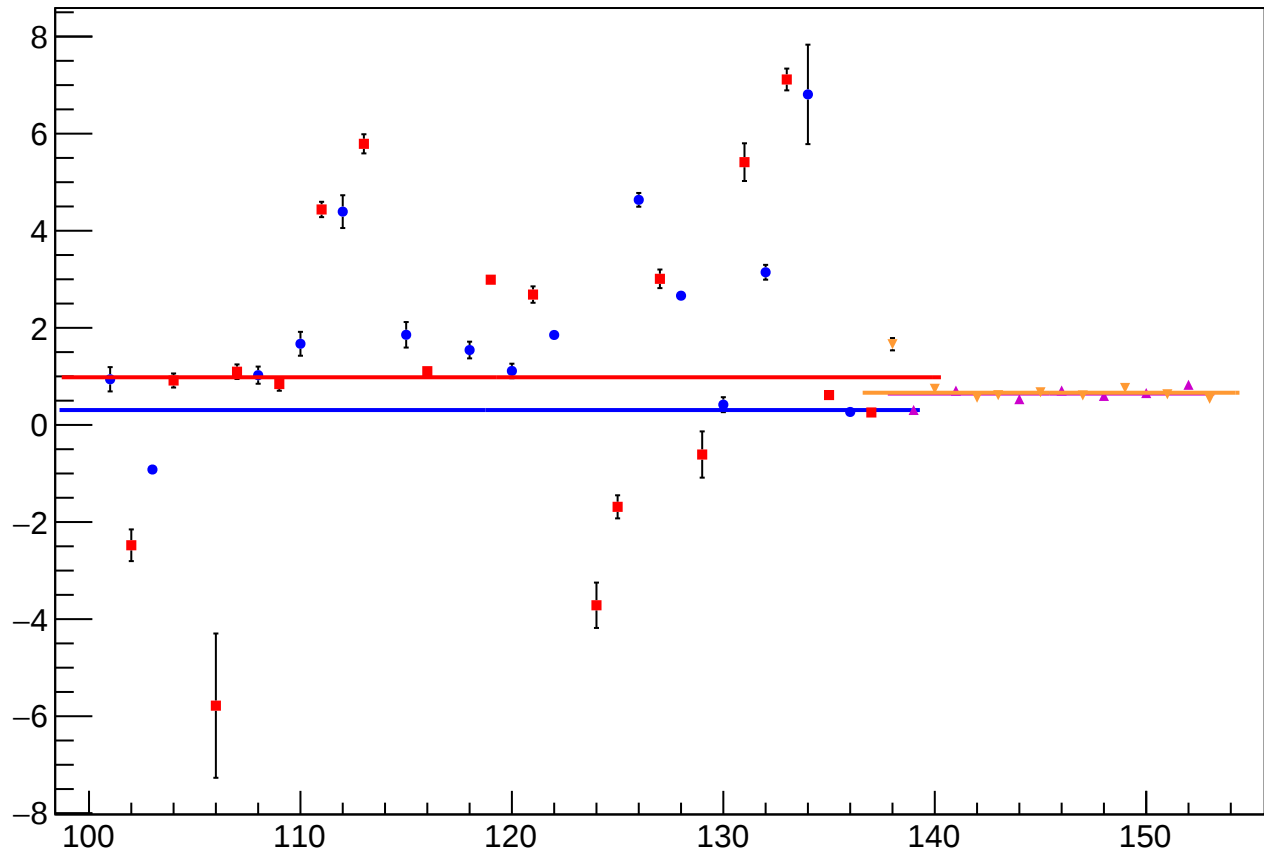
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -252.863+/-0.108 χ^2/NDF :135255.6/21

Out: -251.889+/-0.067 χ^2/NDF :98034.4/26

All: -252.160+/-0.057 χ^2/NDF : 233349.1/48

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.664 ± 0.003 $\chi^2/\text{NDF}: 543.1/8$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.646 ± 0.003 $\chi^2/\text{NDF}: 3270.3/6$

Left: 0.654 ± 0.002 $\chi^2/\text{NDF}: 3828.2/15$

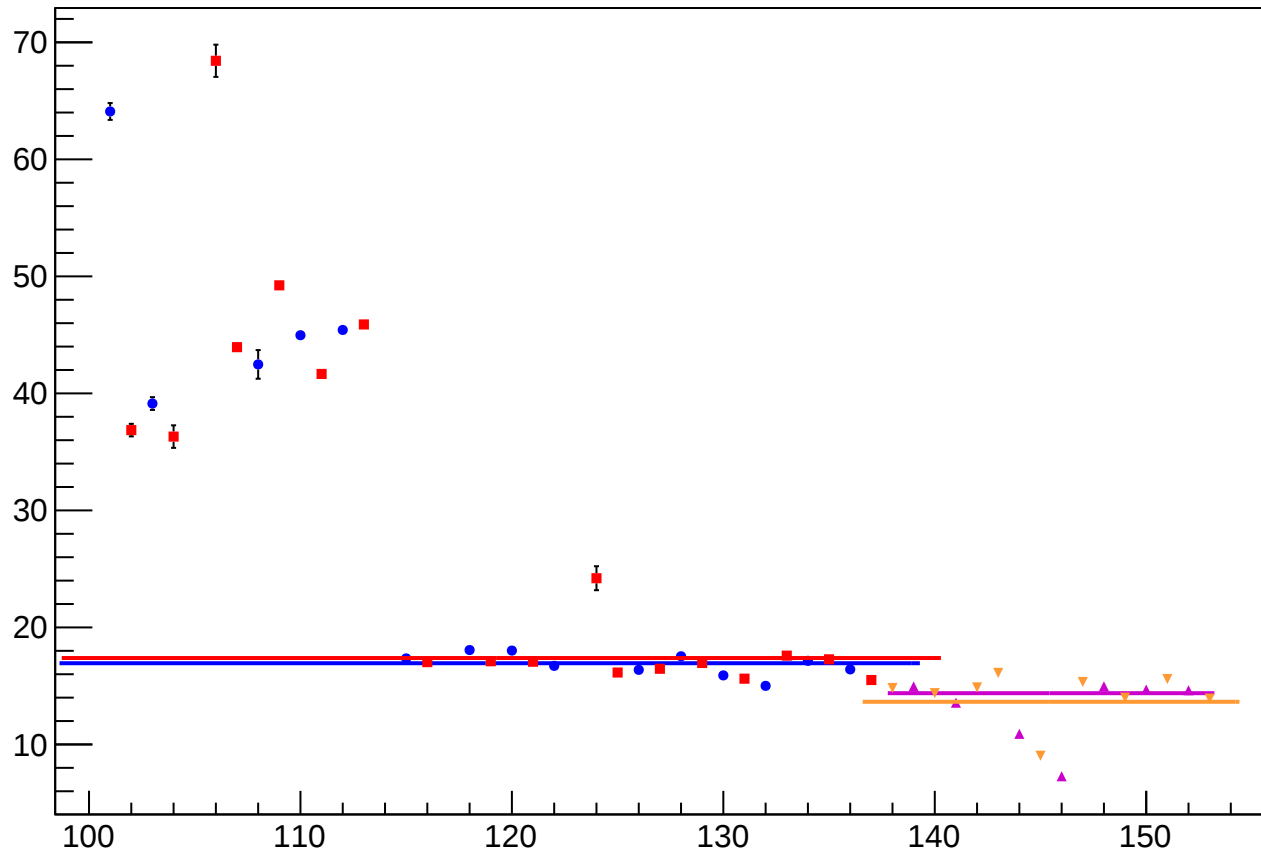
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.589 ± 0.003 $\chi^2/\text{NDF}: 8232.3/21$

Out: 0.680 ± 0.003 $\chi^2/\text{NDF}: 4364.2/26$

All: 0.625 ± 0.002 $\chi^2/\text{NDF}: 13044.4/48$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.646 $\pm$ 0.013 χ^2/NDF : 43669.5/8

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 14.381 $\pm$ 0.017 χ^2/NDF : 5207.1/6

Left: 13.913 $\pm$ 0.010 χ^2/NDF : 50102.2/15

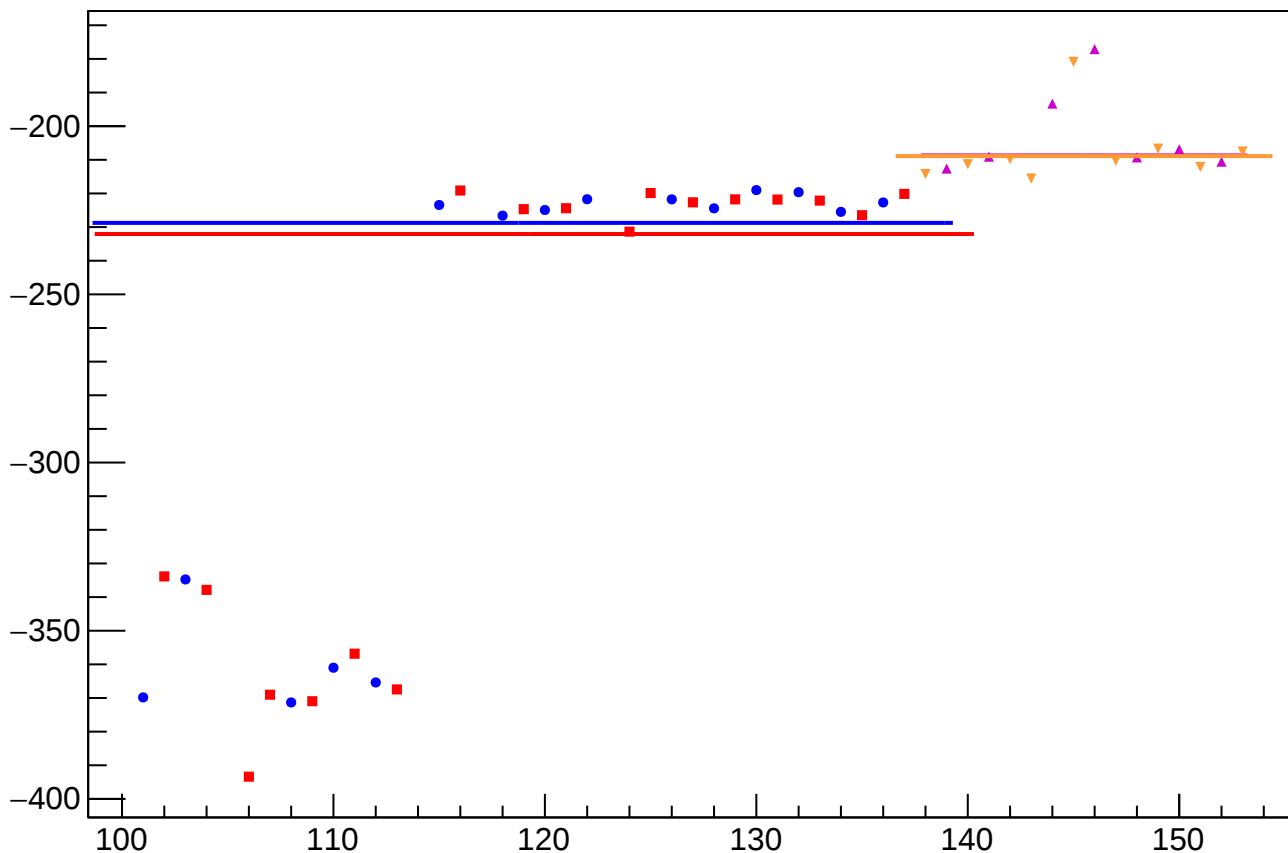
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 15.990 $\pm$ 0.010 χ^2/NDF : 48926.6/21

Out: 14.922 $\pm$ 0.010 χ^2/NDF : 134572.8/26

All: 15.460 $\pm$ 0.007 χ^2/NDF : 188944.5/48

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.901+/-0.023 χ^2/NDF : 72262.9/8

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -208.696+/-0.025 χ^2/NDF : 12363.0/6

Left: -208.807+/-0.017 χ^2/NDF : 84662.9/15

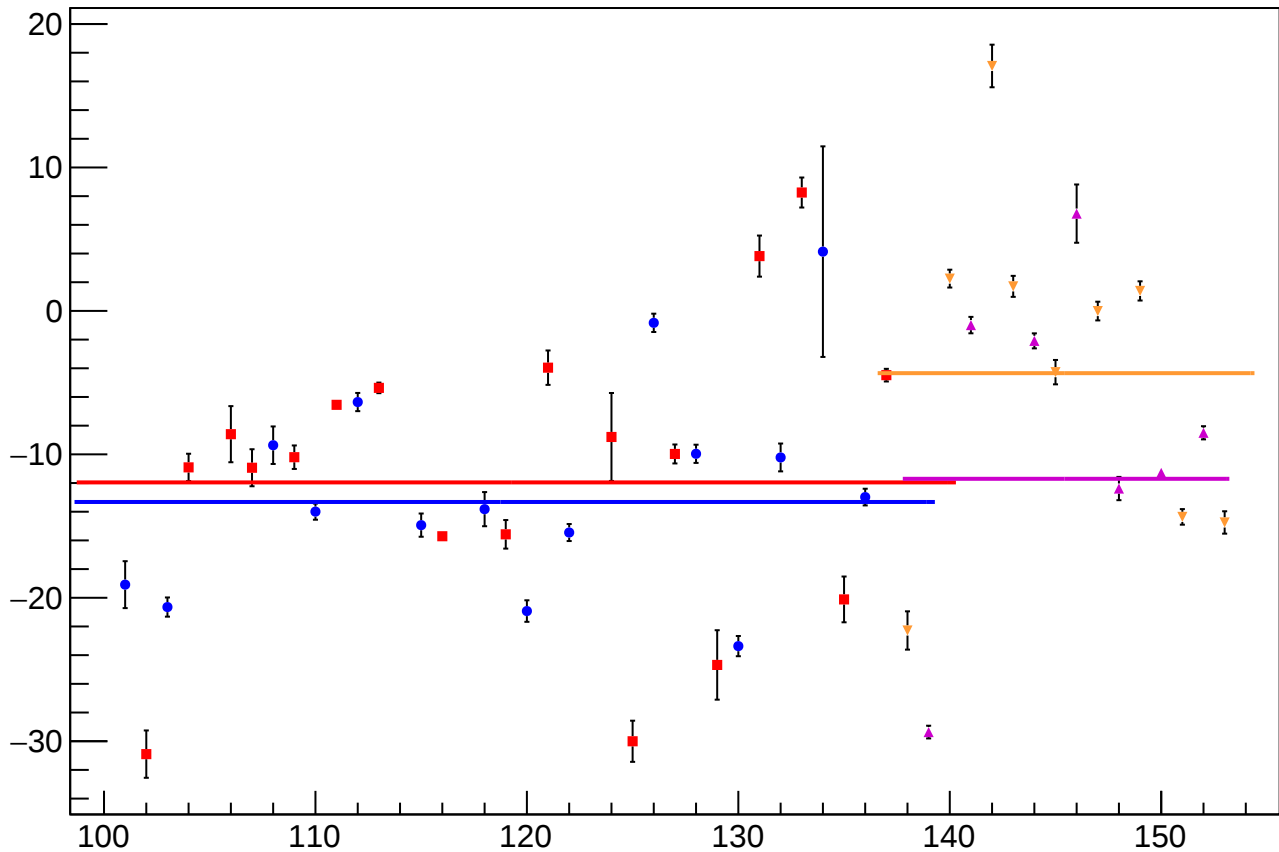
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -215.503+/-0.020 χ^2/NDF : 890744.2/21

Out: -214.293+/-0.020 χ^2/NDF : 1104954.4/26

All: -214.889+/-0.014 χ^2/NDF : 1997514.2/48

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.340 ± 0.246 $\chi^2/\text{NDF}: 1204.6/8$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -11.705 ± 0.194 $\chi^2/\text{NDF}: 2405.1/6$

Left: -8.880 ± 0.153 $\chi^2/\text{NDF}: 4160.0/15$

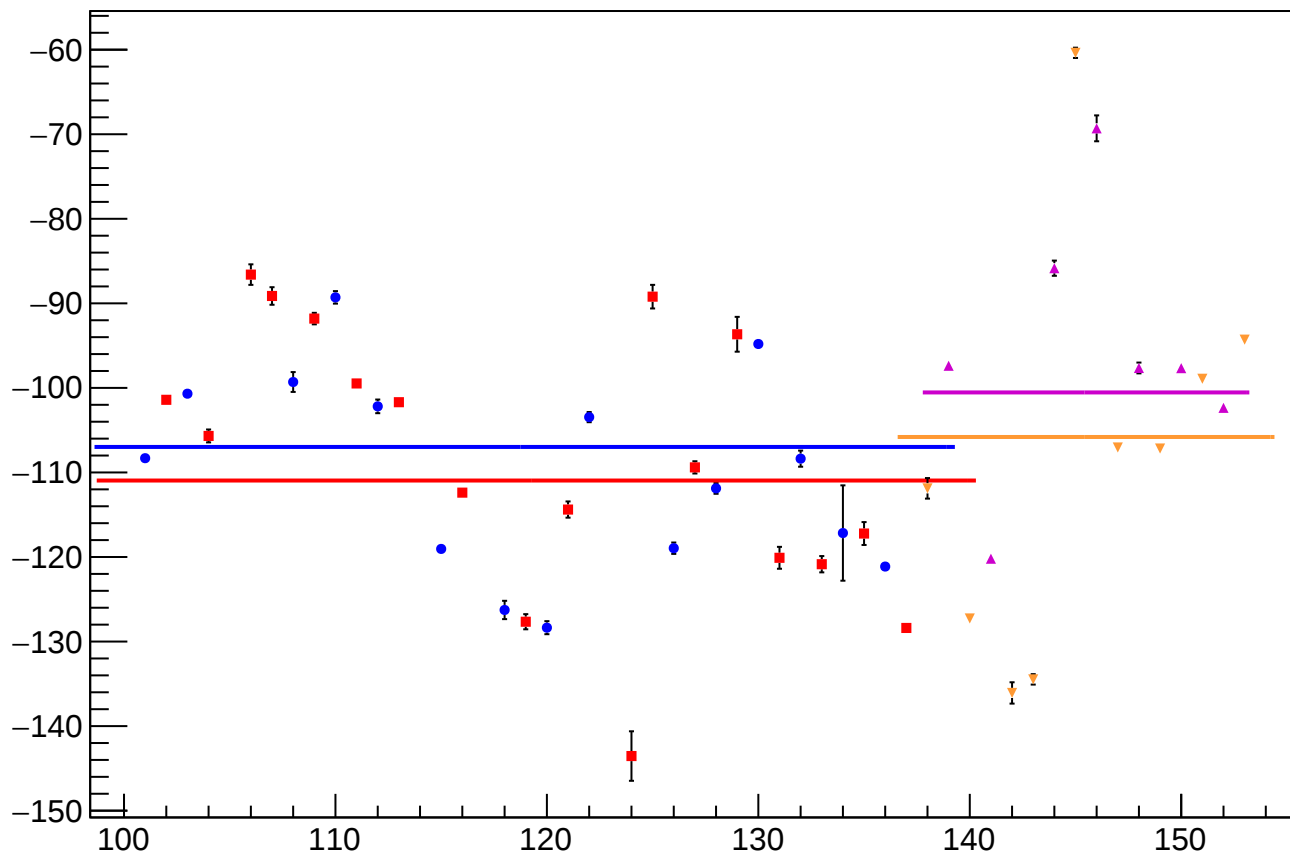
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.516 ± 0.137 $\chi^2/\text{NDF}: 3452.8/21$

Out: -10.642 ± 0.102 $\chi^2/\text{NDF}: 4481.7/26$

All: -11.312 ± 0.082 $\chi^2/\text{NDF}: 8054.3/48$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -105.805 ± 0.194 $\chi^2/\text{NDF}: 10960.0/8$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -100.536 ± 0.164 $\chi^2/\text{NDF}: 2751.8/6$

Left: -102.738 ± 0.125 $\chi^2/\text{NDF}: 14141.8/15$

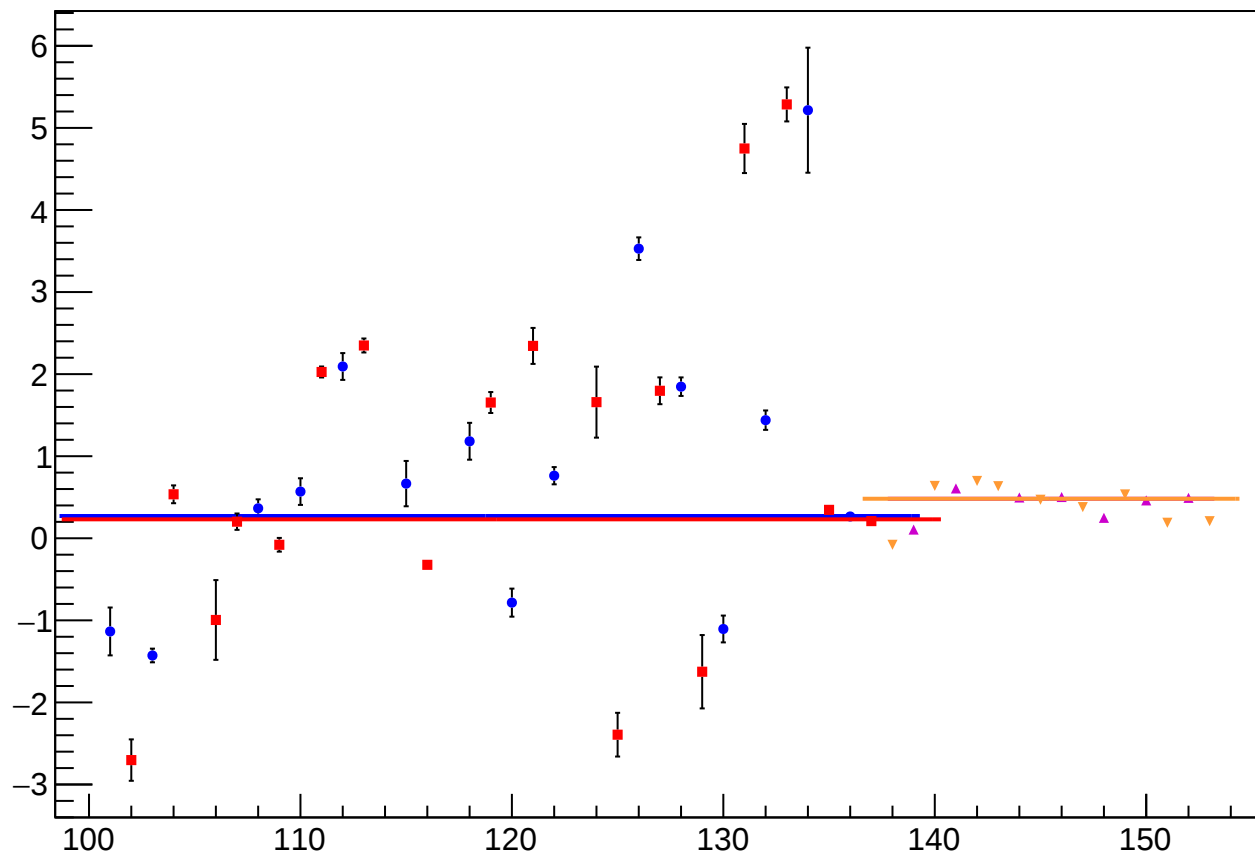
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.986 ± 0.091 $\chi^2/\text{NDF}: 8473.4/21$

Out: -110.631 ± 0.049 $\chi^2/\text{NDF}: 22296.3/26$

All: -109.388 ± 0.043 $\chi^2/\text{NDF}: 33744.2/48$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.482 ± 0.004 $\chi^2/\text{NDF}: 2162.8/8$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.481 ± 0.003 $\chi^2/\text{NDF}: 2571.1/6$

Left: 0.481 ± 0.002 $\chi^2/\text{NDF}: 4733.9/15$

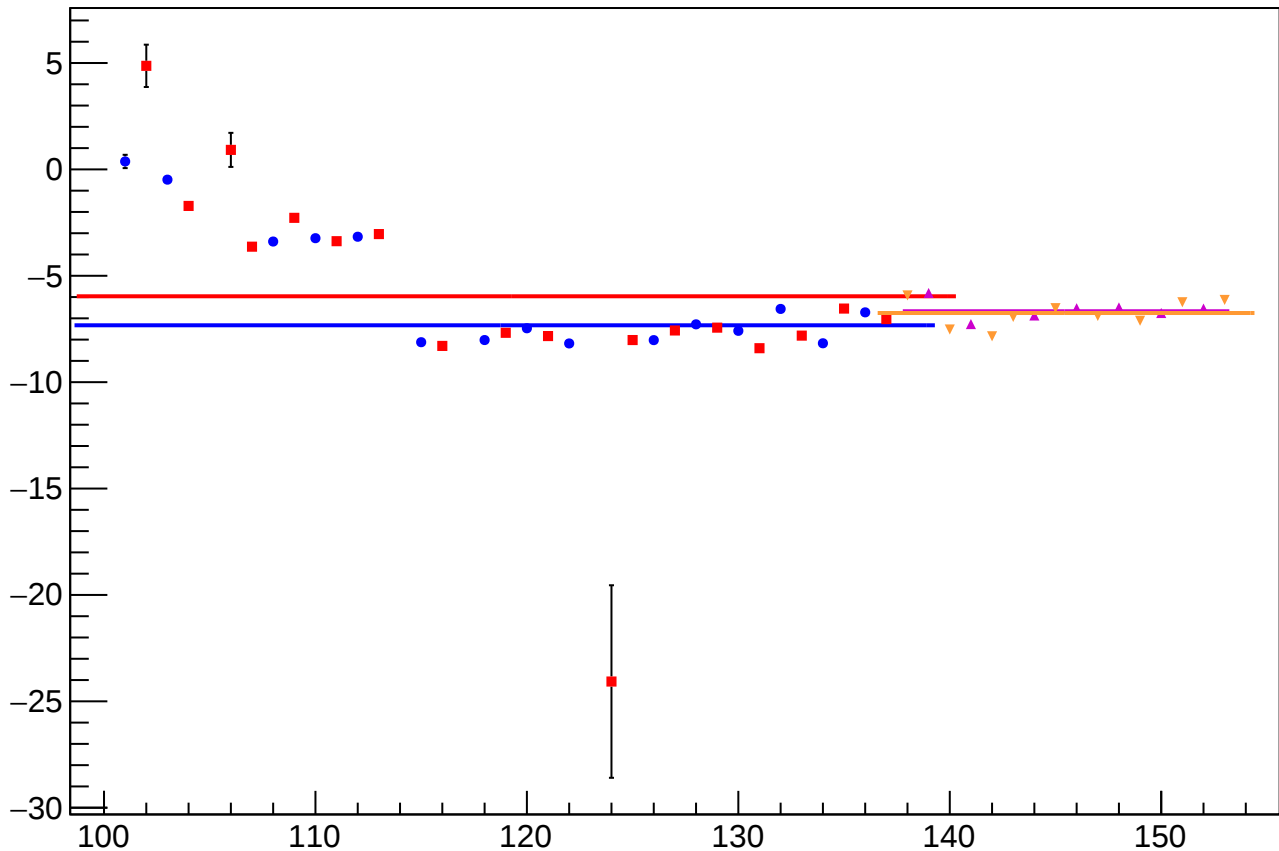
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.434 ± 0.003 $\chi^2/\text{NDF}: 5387.3/21$

Out: 0.370 ± 0.003 $\chi^2/\text{NDF}: 6858.6/26$

All: 0.407 ± 0.002 $\chi^2/\text{NDF}: 12515.4/48$

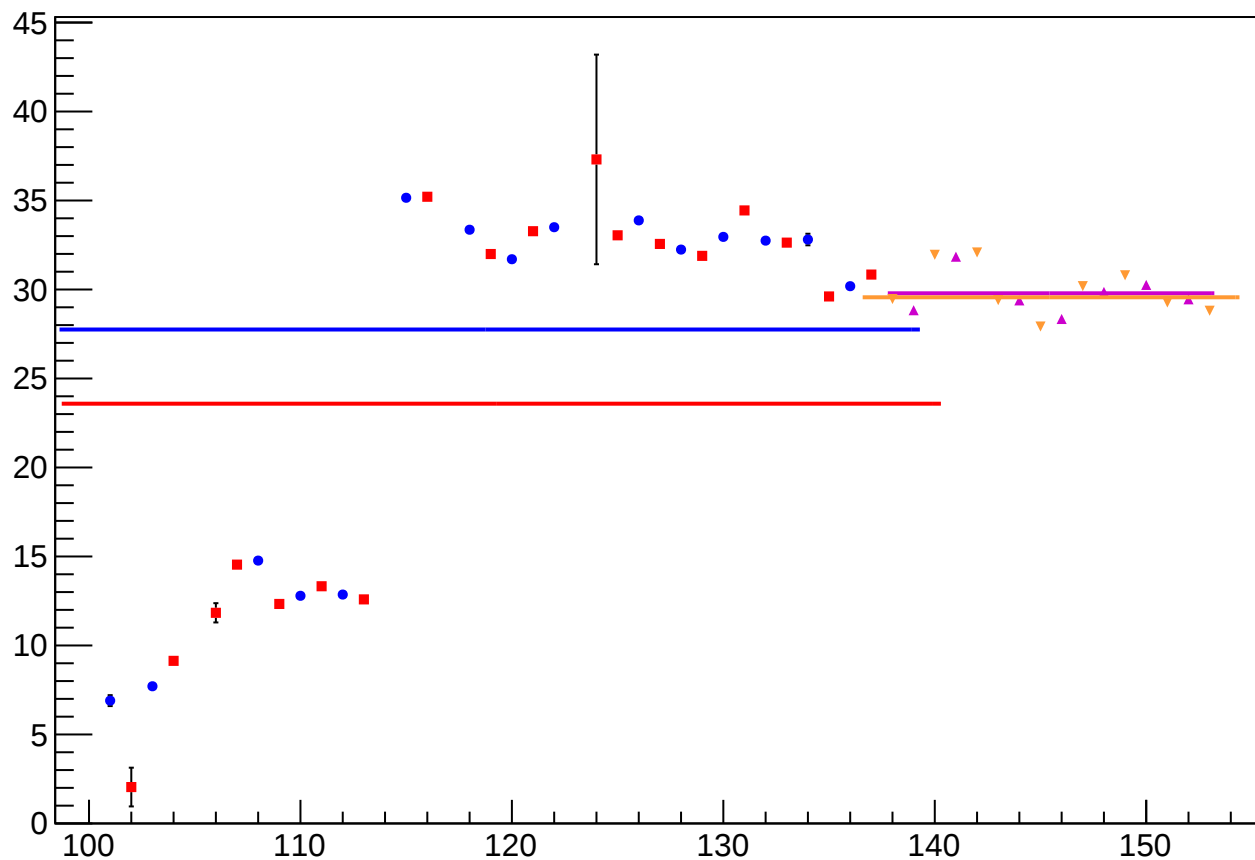
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.749 ± 0.009 $\chi^2/\text{NDF}: 2294.4/8$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.667 ± 0.007 $\chi^2/\text{NDF}: 2806.2/6$

Left: -6.700 ± 0.006 $\chi^2/\text{NDF}: 5150.3/15$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.956 ± 0.006 $\chi^2/\text{NDF}: 36781.6/21$
 Out: -6.345 ± 0.006 $\chi^2/\text{NDF}: 77988.4/26$
 All: -6.689 ± 0.004 $\chi^2/\text{NDF}: 120075.9/48$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 $\chi^2/\text{NDF}: 332926.6/14$

Left Out: 29.562 ± 0.016 $\chi^2/\text{NDF}: 6858.4/8$

Right Out: 23.585 ± 0.014 $\chi^2/\text{NDF}: 539616.2/17$

Left In: 29.787 ± 0.014 $\chi^2/\text{NDF}: 2036.2/6$

Left: 29.684 ± 0.011 $\chi^2/\text{NDF}: 9006.2/15$

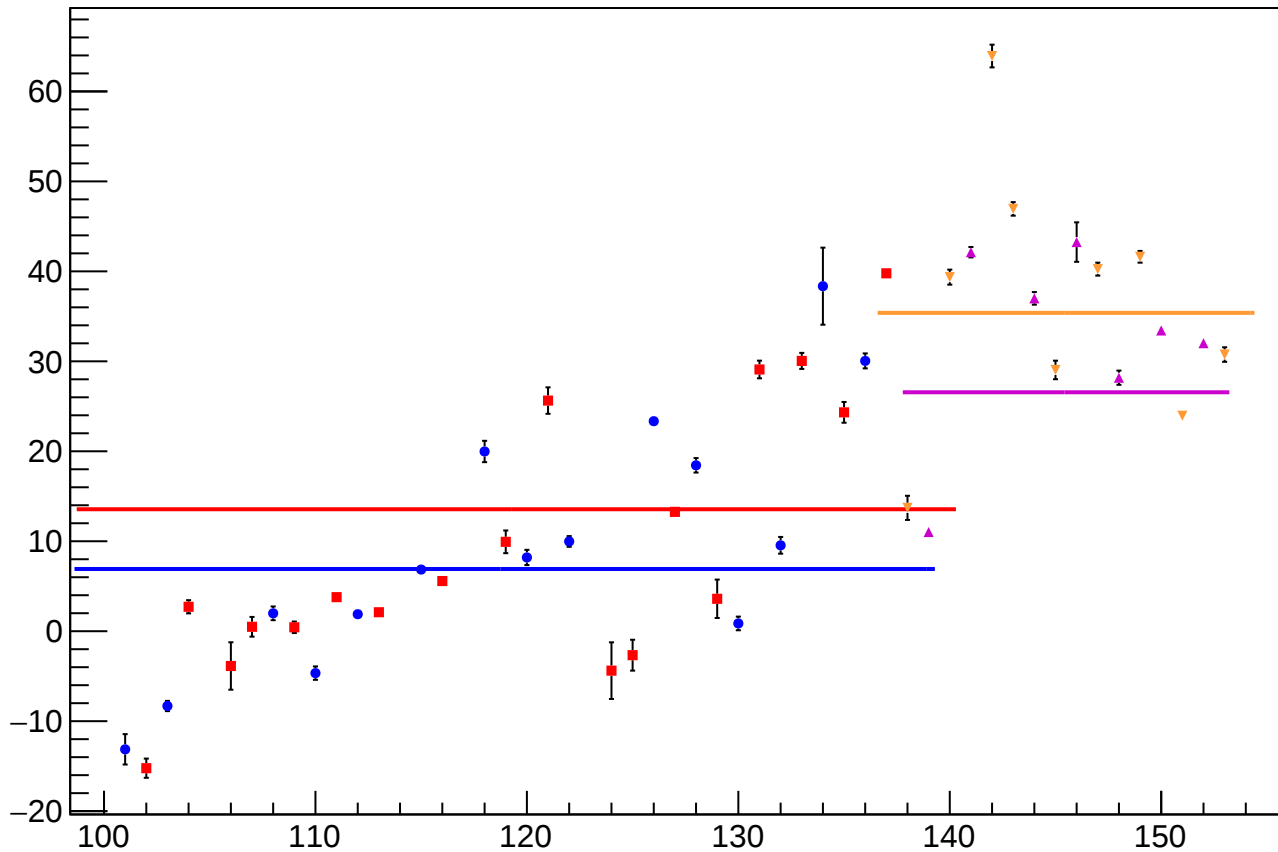
Right: 25.477 ± 0.010 $\chi^2/\text{NDF}: 914478.1/32$

In: 28.819 ± 0.010 $\chi^2/\text{NDF}: 344558.6/21$

Out: 26.181 ± 0.010 $\chi^2/\text{NDF}: 628987.1/26$

All: 27.492 ± 0.007 $\chi^2/\text{NDF}: 1006064.7/48$

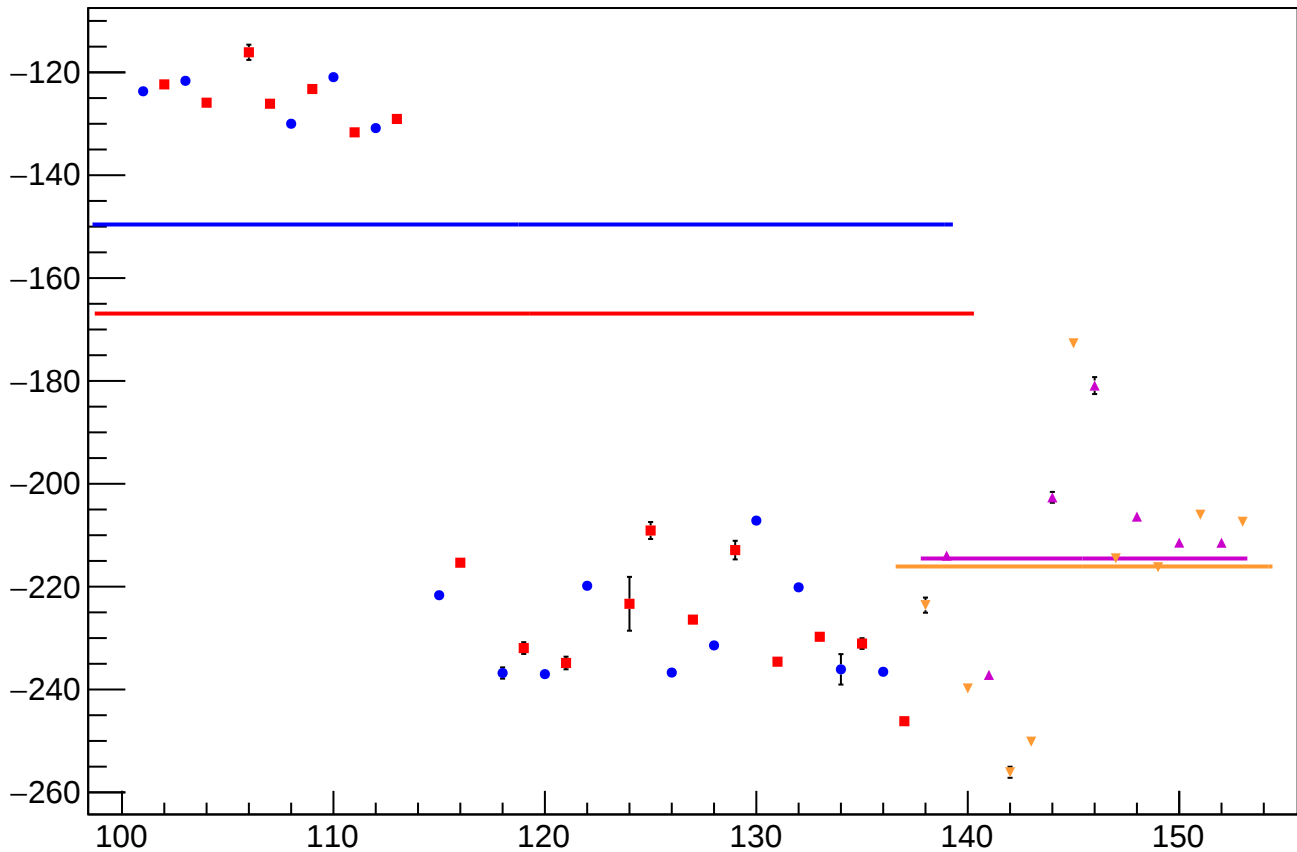
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 35.387 ± 0.259 $\chi^2/\text{NDF}: 1727.0/8$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.558 ± 0.188 $\chi^2/\text{NDF}: 3820.6/6$

Left: 29.597 ± 0.152 $\chi^2/\text{NDF}: 6307.7/15$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 16.126 ± 0.129 $\chi^2/\text{NDF}: 13127.5/21$
 Out: 18.760 ± 0.127 $\chi^2/\text{NDF}: 18781.2/26$
 All: 17.464 ± 0.090 $\chi^2/\text{NDF}: 32121.6/48$

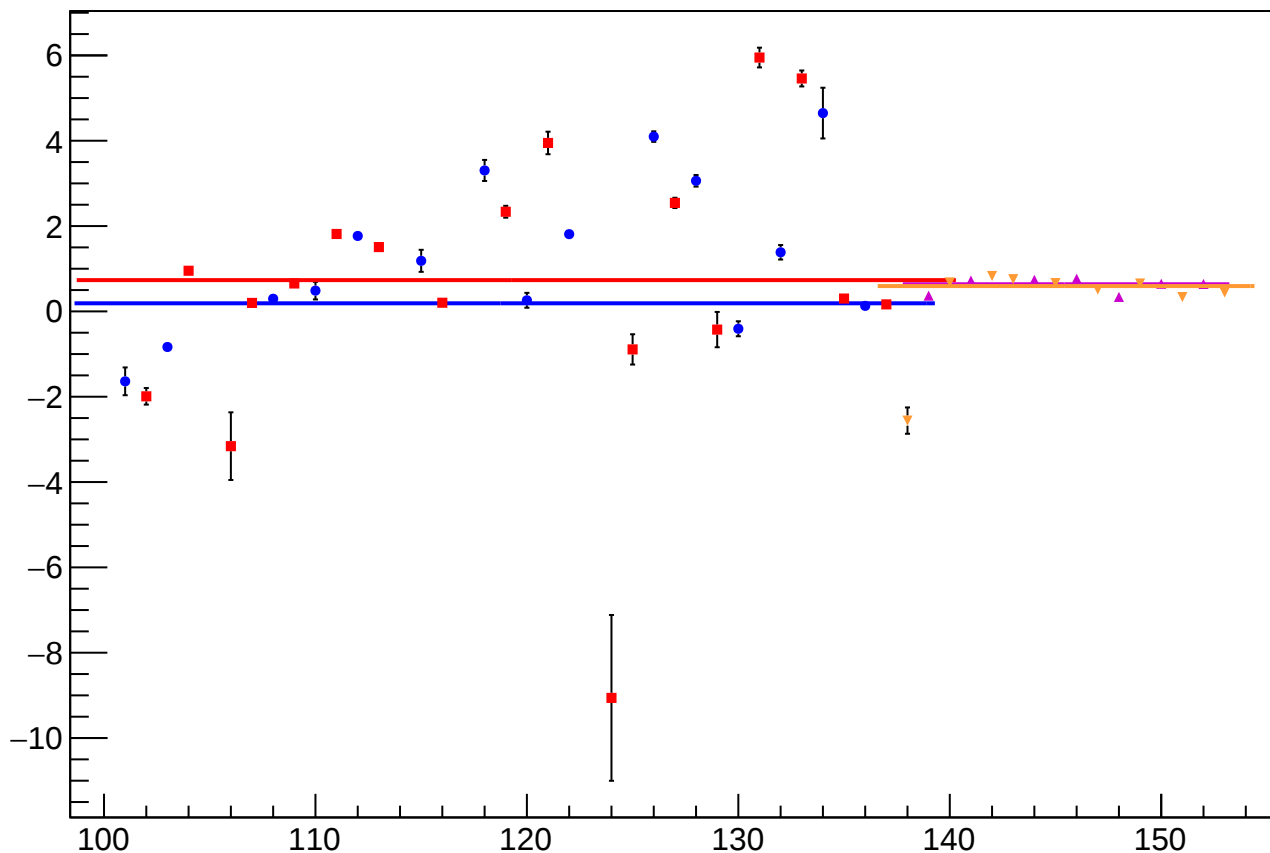
dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$
 Left Out: -216.077 ± 0.210 $\chi^2/\text{NDF}: 9893.1/8$
 Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$
 Left In: -214.526 ± 0.158 $\chi^2/\text{NDF}: 3385.9/6$

Left: -215.086 ± 0.126 $\chi^2/\text{NDF}: 13313.9/15$
 Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$
 In: -168.437 ± 0.085 $\chi^2/\text{NDF}: 318839.2/21$
 Out: -176.104 ± 0.091 $\chi^2/\text{NDF}: 350120.4/26$
 All: -172.021 ± 0.062 $\chi^2/\text{NDF}: 672764.6/48$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.593 $\pm$ 0.005 χ^2 /NDF:1168.2/8

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.636 $\pm$ 0.004 χ^2 /NDF:1026.7/6

Left: 0.620 $\pm$ 0.003 χ^2 /NDF: 2246.8/15

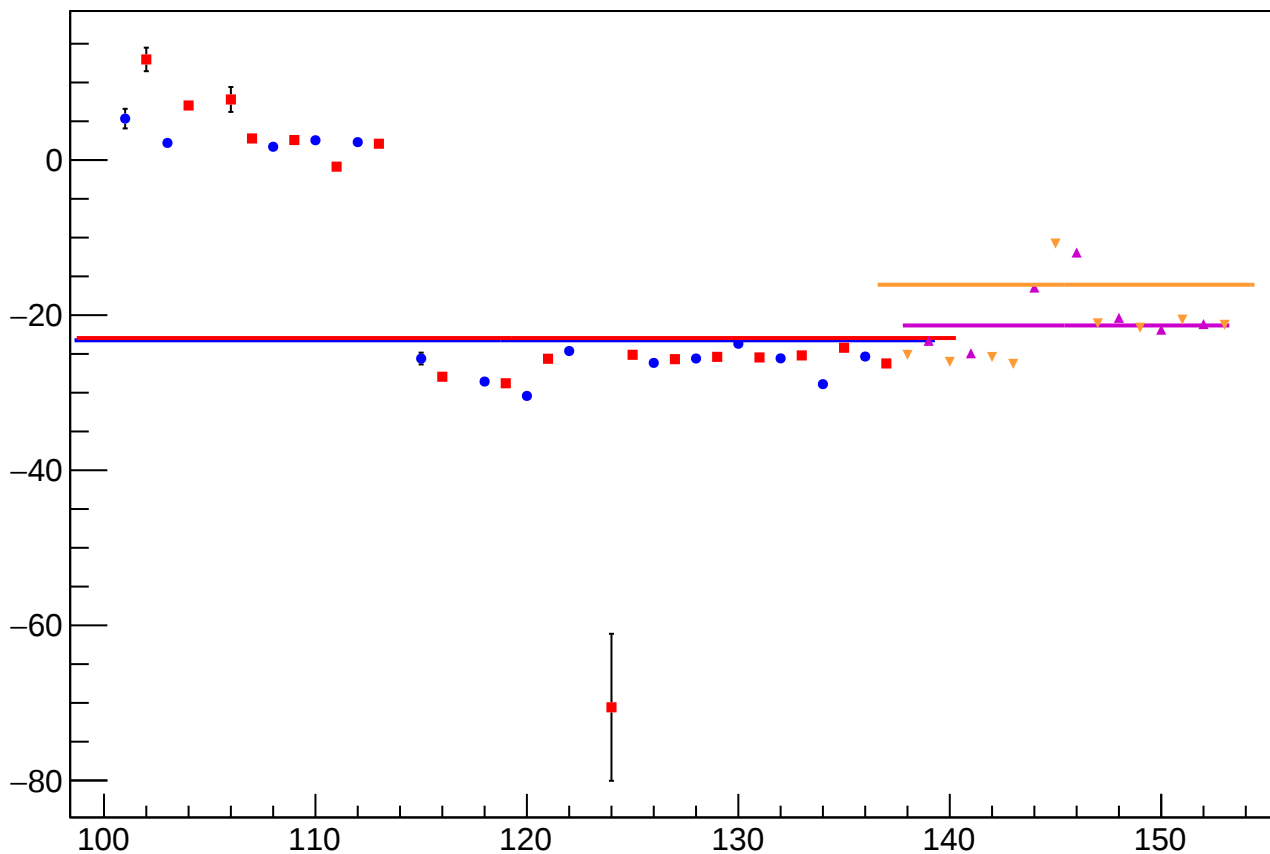
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.568 $\pm$ 0.003 χ^2 /NDF:6031.6/21

Out: 0.601 $\pm$ 0.005 χ^2 /NDF:3882.2/26

All: 0.580 $\pm$ 0.003 χ^2 /NDF: 9947.5/48

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.078 ± 0.020 $\chi^2/\text{NDF}: 102493.6/8$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.329 ± 0.025 $\chi^2/\text{NDF}: 8007.0/6$

Left: -18.063 ± 0.015 $\chi^2/\text{NDF}: 137853.7/15$

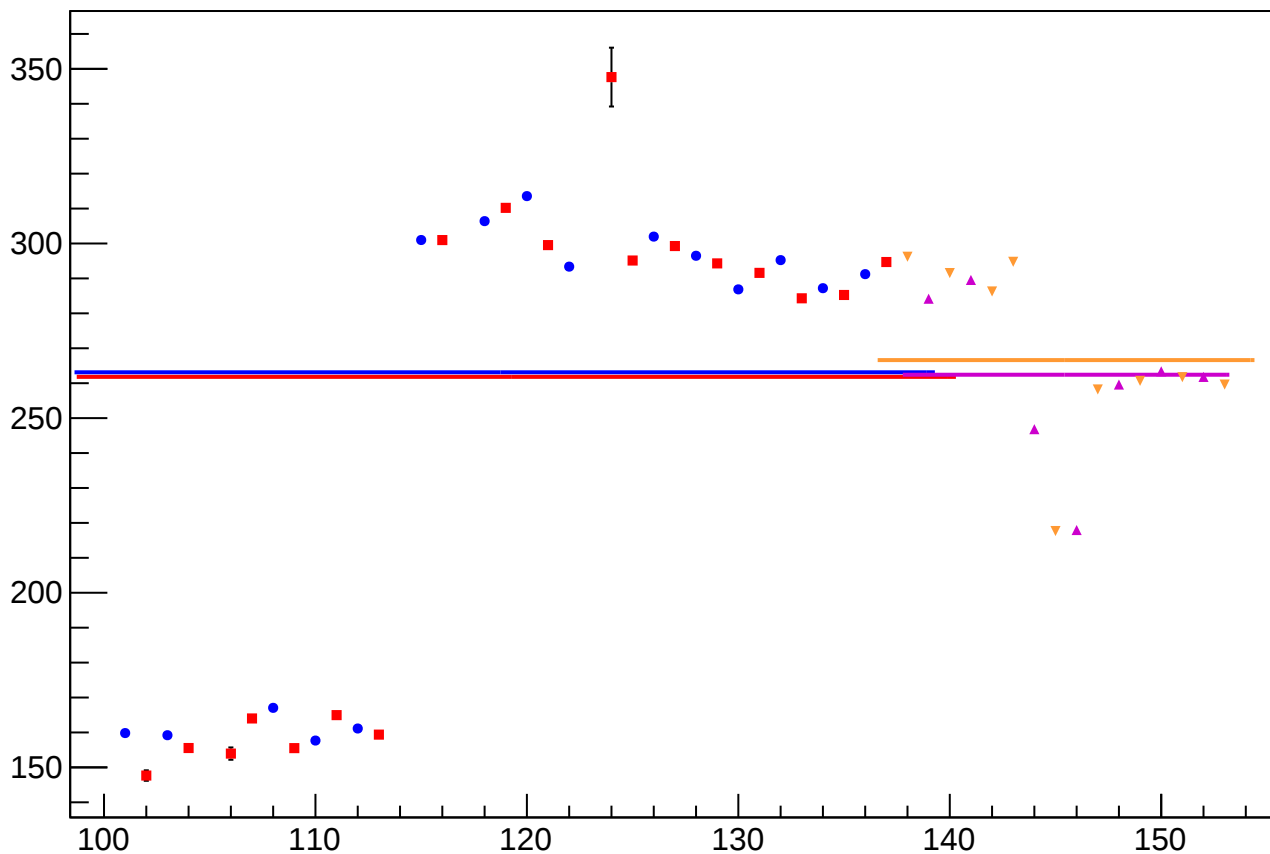
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.295 ± 0.018 $\chi^2/\text{NDF}: 114059.0/21$

Out: -18.722 ± 0.015 $\chi^2/\text{NDF}: 258212.8/26$

All: -20.261 ± 0.012 $\chi^2/\text{NDF}: 395725.1/48$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.614+/-0.051 χ^2/NDF :185356.5/8

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.422+/-0.046 χ^2/NDF :34937.9/6

Left: 264.278+/-0.034 χ^2/NDF : 224029.0/15

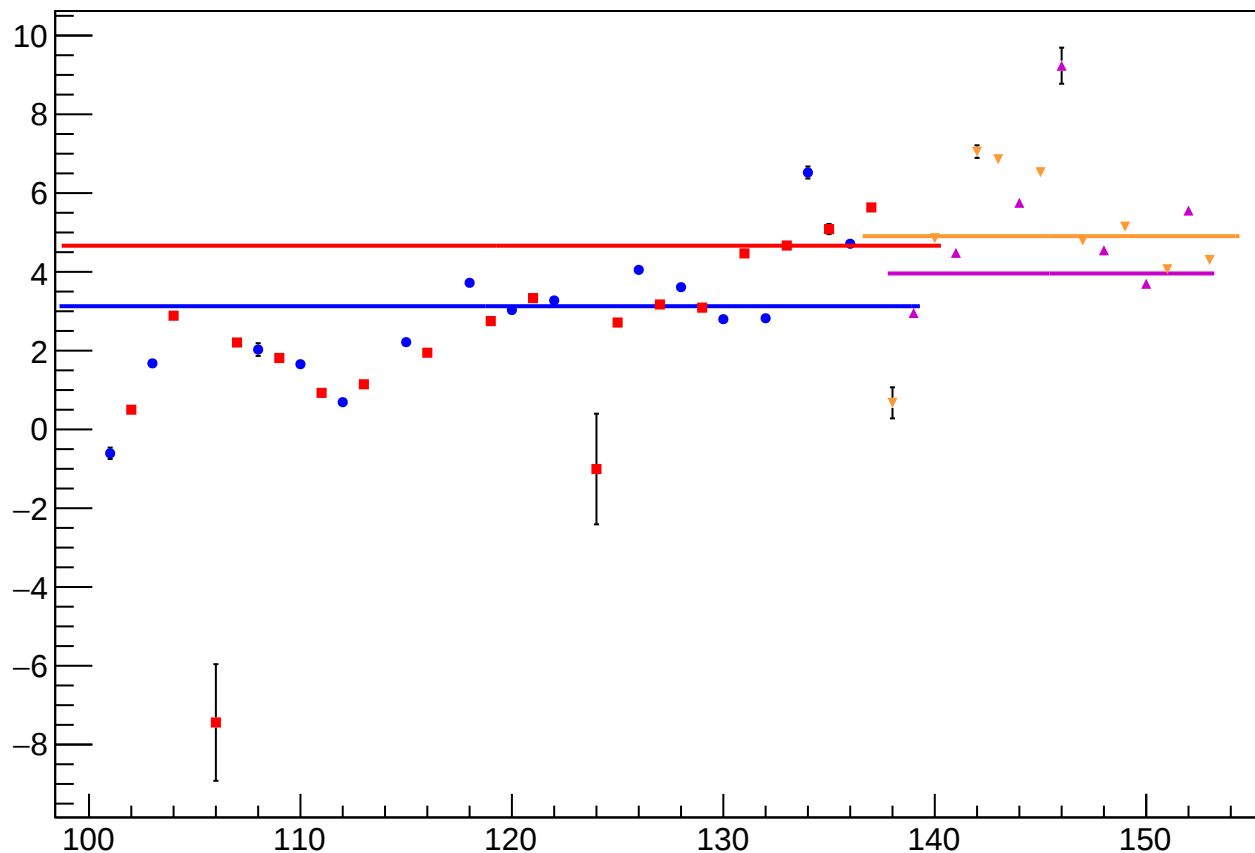
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.634+/-0.038 χ^2/NDF :727894.4/21

Out: 264.608+/-0.039 χ^2/NDF :1195217.7/26

All: 263.596+/-0.027 χ^2/NDF : 1924421.3/48

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.907 $\pm$ 0.019 χ^2 /NDF:1465.0/8

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.960 $\pm$ 0.020 χ^2 /NDF:2002.5/6

Left: 4.454 $\pm$ 0.014 χ^2 /NDF: 4674.9/15

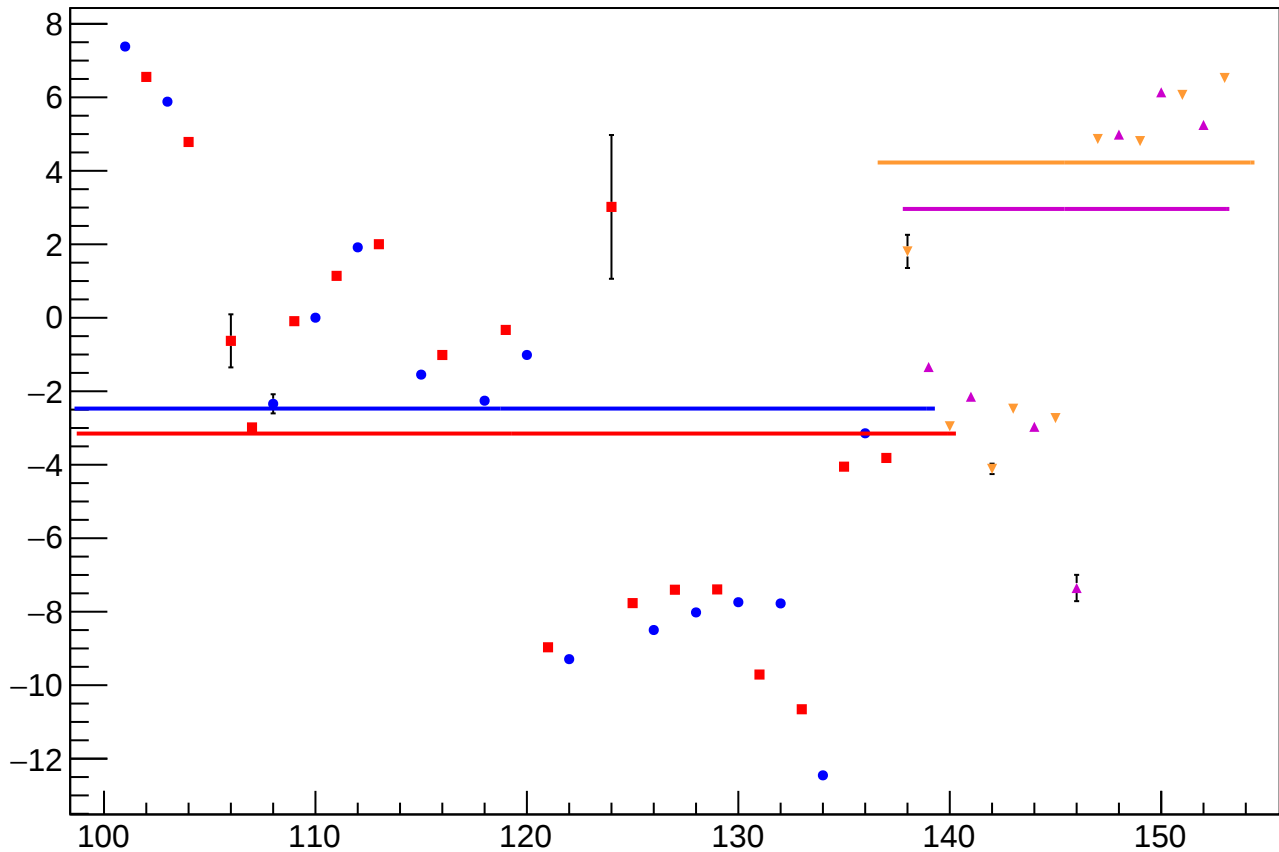
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.453 $\pm$ 0.012 χ^2 /NDF:8756.1/21

Out: 4.689 $\pm$ 0.006 χ^2 /NDF:68476.4/26

All: 4.450 $\pm$ 0.005 χ^2 /NDF: 85379.7/48

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 4.226 ± 0.015 χ^2/NDF : 34992.8/8

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 2.962 ± 0.017 χ^2/NDF : 49106.3/6

Left: 3.673 ± 0.012 χ^2/NDF : 87058.7/15

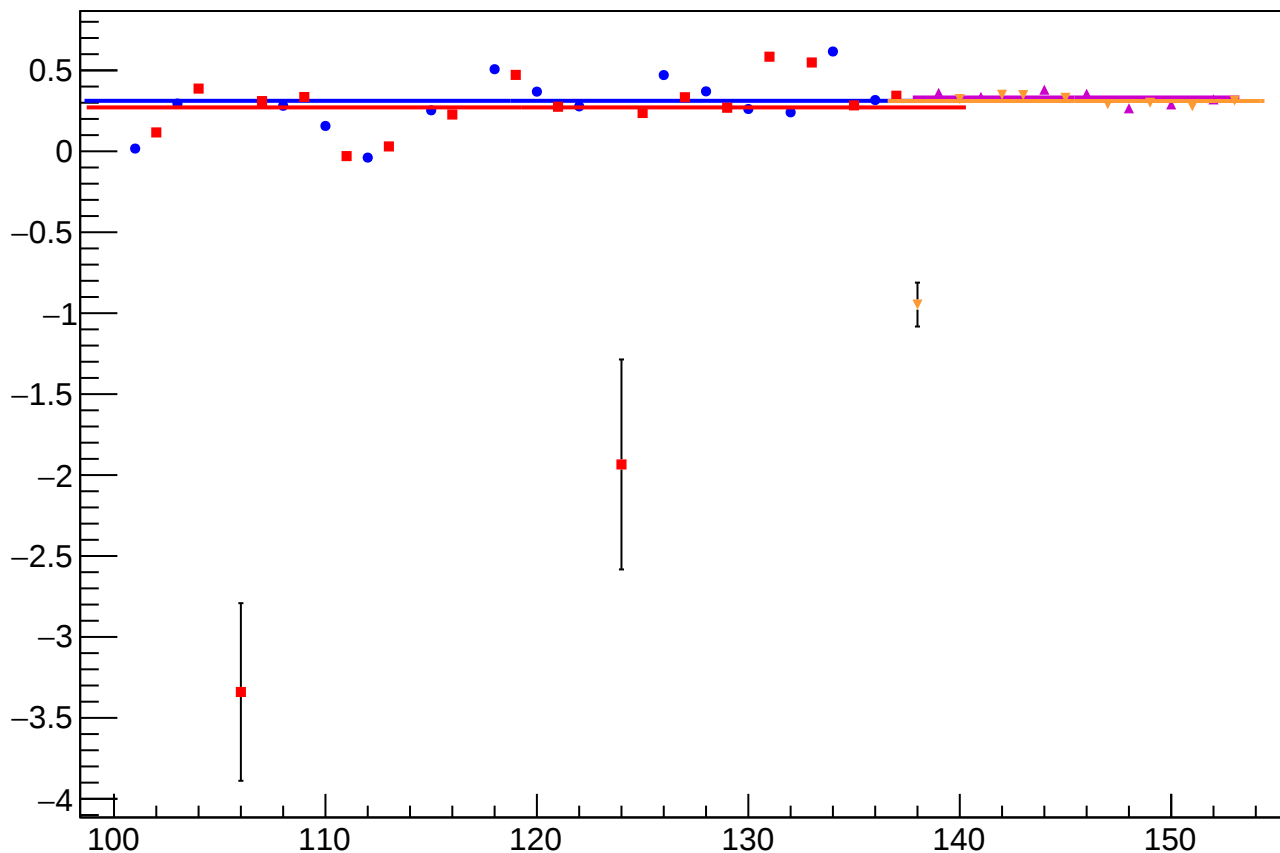
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.318 ± 0.011 χ^2/NDF : 350470.8/21

Out: -1.753 ± 0.007 χ^2/NDF : 469048.8/26

All: -1.364 ± 0.006 χ^2/NDF : 832001.6/48

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 747.8/8$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1926.3/6$

Left: 0.321 ± 0.001 $\chi^2/\text{NDF}: 2958.9/15$

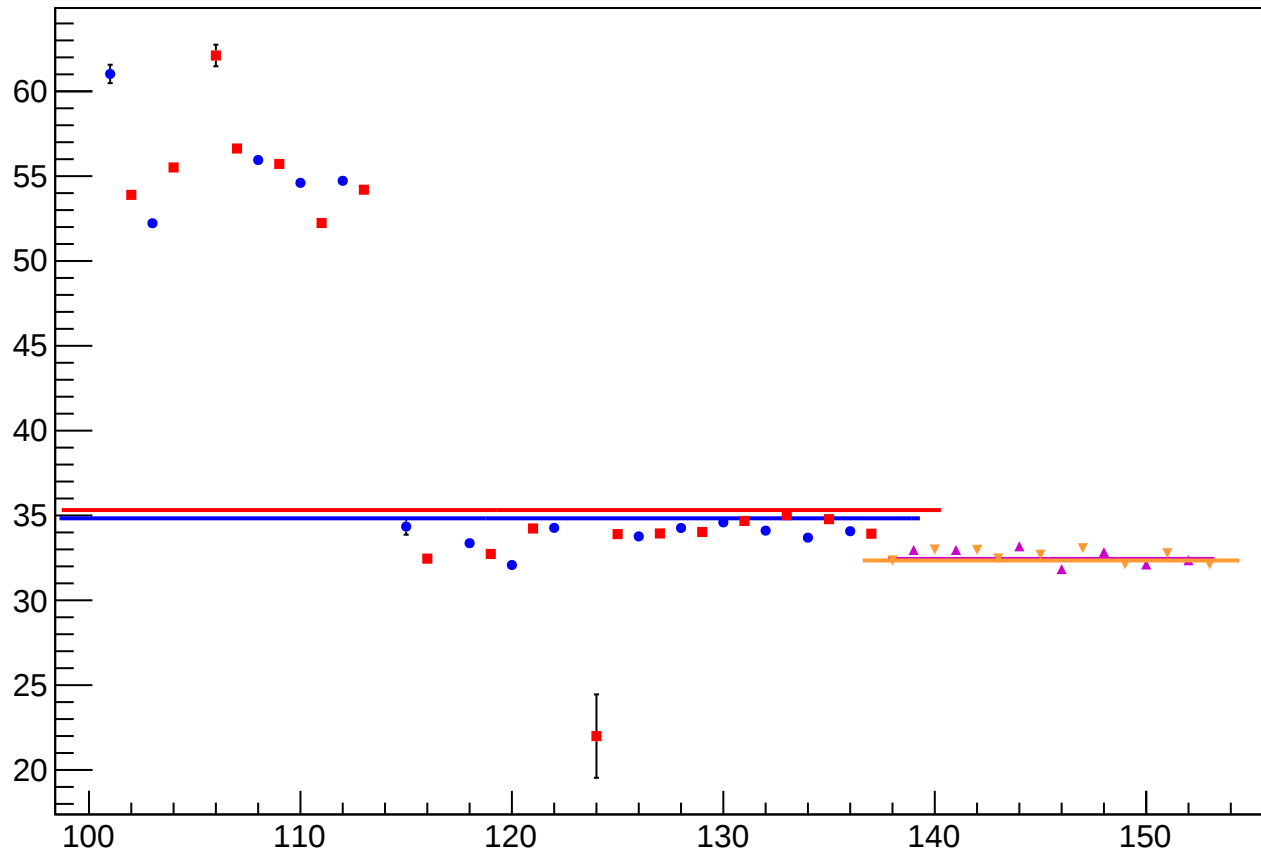
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.325 ± 0.001 $\chi^2/\text{NDF}: 3414.9/21$

Out: 0.305 ± 0.001 $\chi^2/\text{NDF}: 7192.4/26$

All: 0.316 ± 0.001 $\chi^2/\text{NDF}: 10947.0/48$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.347 $\pm$ 0.006 χ^2 /NDF:2320.8/8

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.438 $\pm$ 0.008 χ^2 /NDF:2647.0/6

Left: 32.384 $\pm$ 0.005 χ^2 /NDF: 5048.0/15

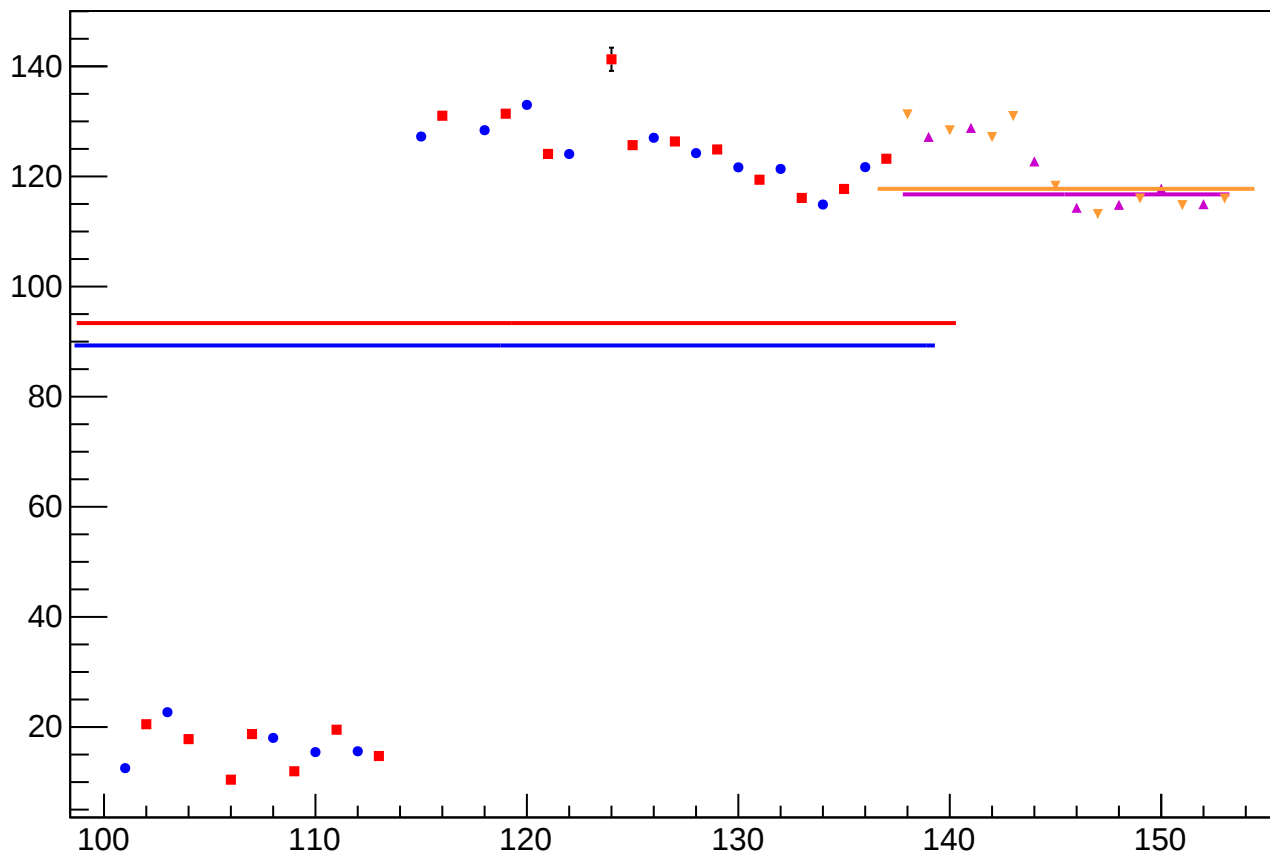
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.524 $\pm$ 0.006 χ^2 /NDF:290327.5/21

Out: 33.223 $\pm$ 0.005 χ^2 /NDF:326693.2/26

All: 33.363 $\pm$ 0.004 χ^2 /NDF: 618462.4/48

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 117.746+/-0.015 χ^2/NDF : 110479.3/8

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 116.741+/-0.017 χ^2/NDF : 38325.0/6

Left: 117.310+/-0.011 χ^2/NDF : 150823.1/15

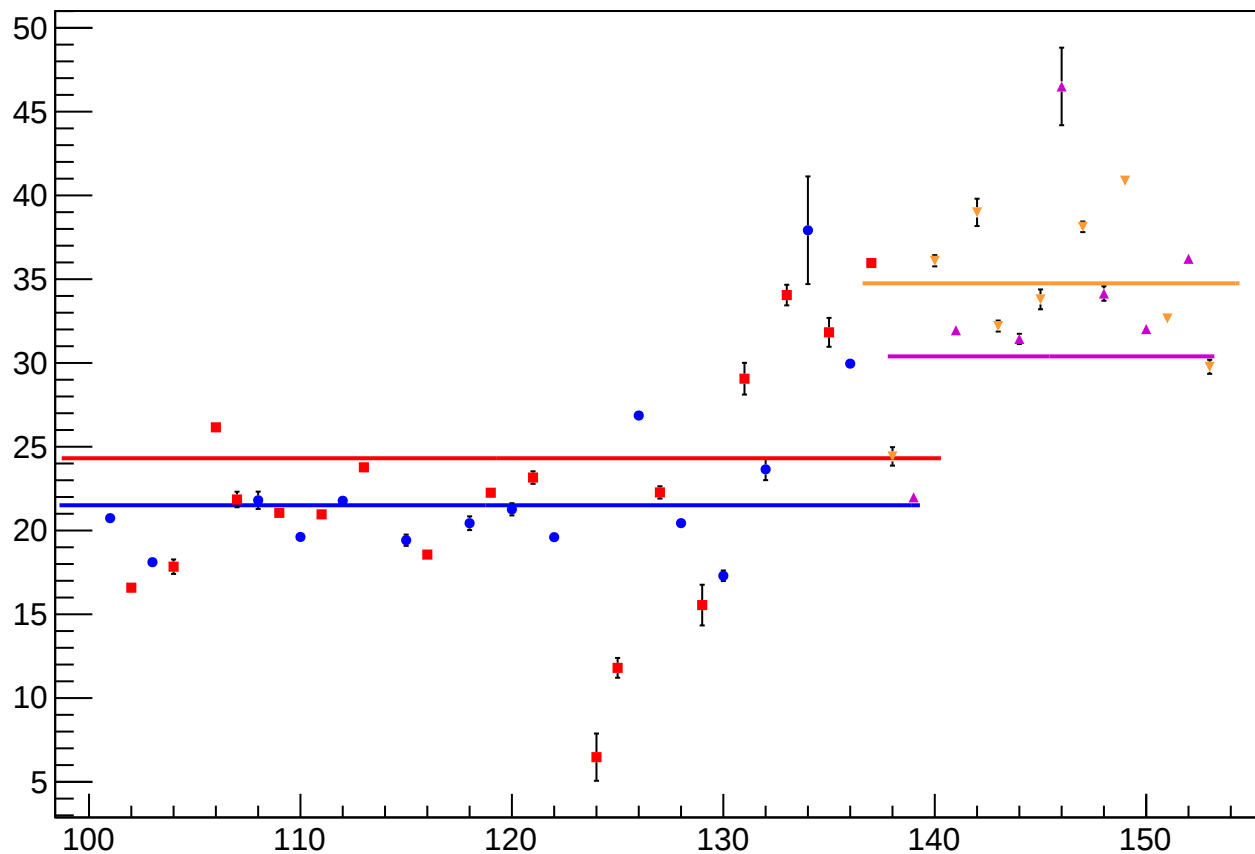
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 109.242+/-0.014 χ^2/NDF : 3799564.5/21

Out: 113.002+/-0.013 χ^2/NDF : 3496885.8/26

All: 111.276+/-0.010 χ^2/NDF : 7333631.4/48

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.753 $\pm$ 0.121 χ^2/NDF :1205.9/8

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 30.393 $\pm$ 0.100 χ^2/NDF :2401.2/6

Left: 32.158 $\pm$ 0.077 χ^2/NDF : 4382.3/15

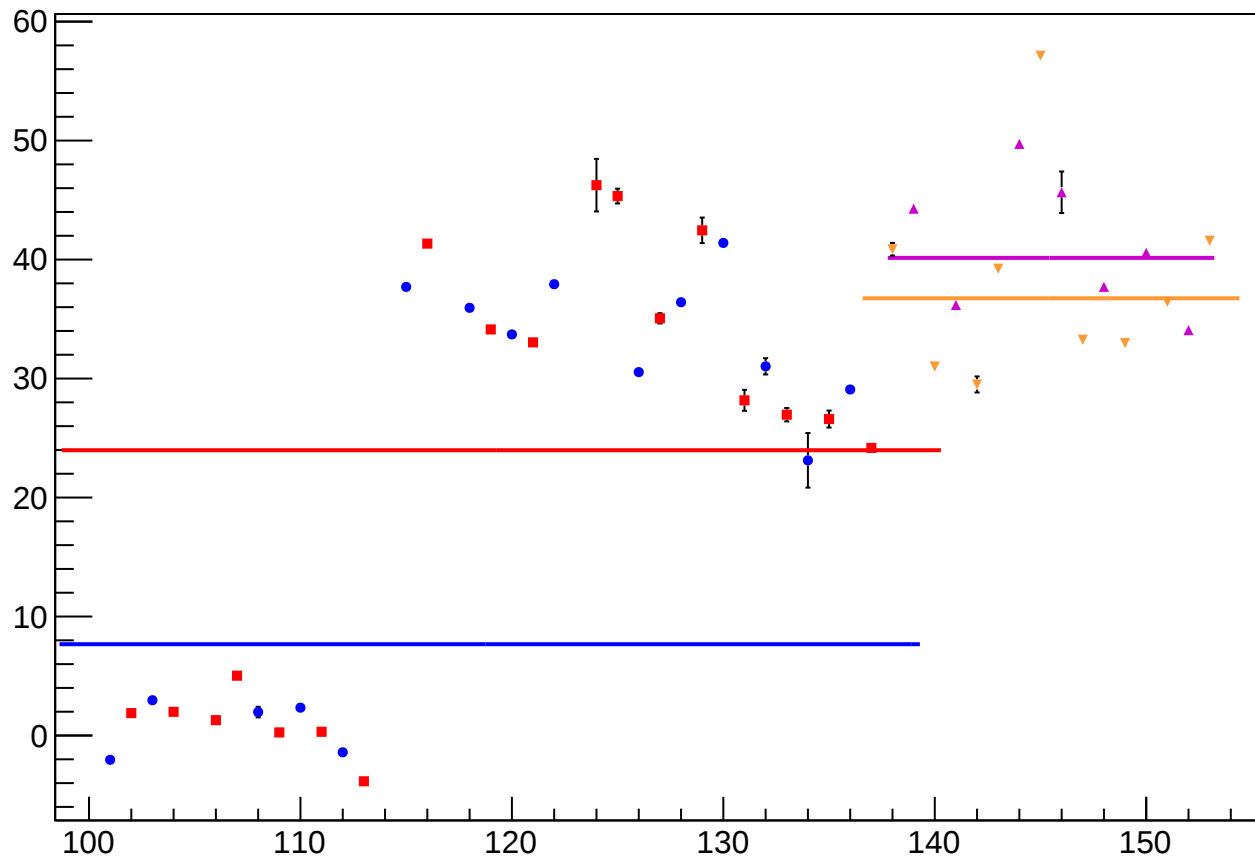
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 24.574 $\pm$ 0.059 χ^2/NDF :10574.4/21

Out: 26.295 $\pm$ 0.053 χ^2/NDF :21551.6/26

All: 25.526 $\pm$ 0.039 χ^2/NDF : 32604.5/48

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.746 ± 0.099 $\chi^2/\text{NDF}: 3668.5/8$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.141 ± 0.083 $\chi^2/\text{NDF}: 2345.7/6$

Left: 38.737 ± 0.063 $\chi^2/\text{NDF}: 6710.3/15$

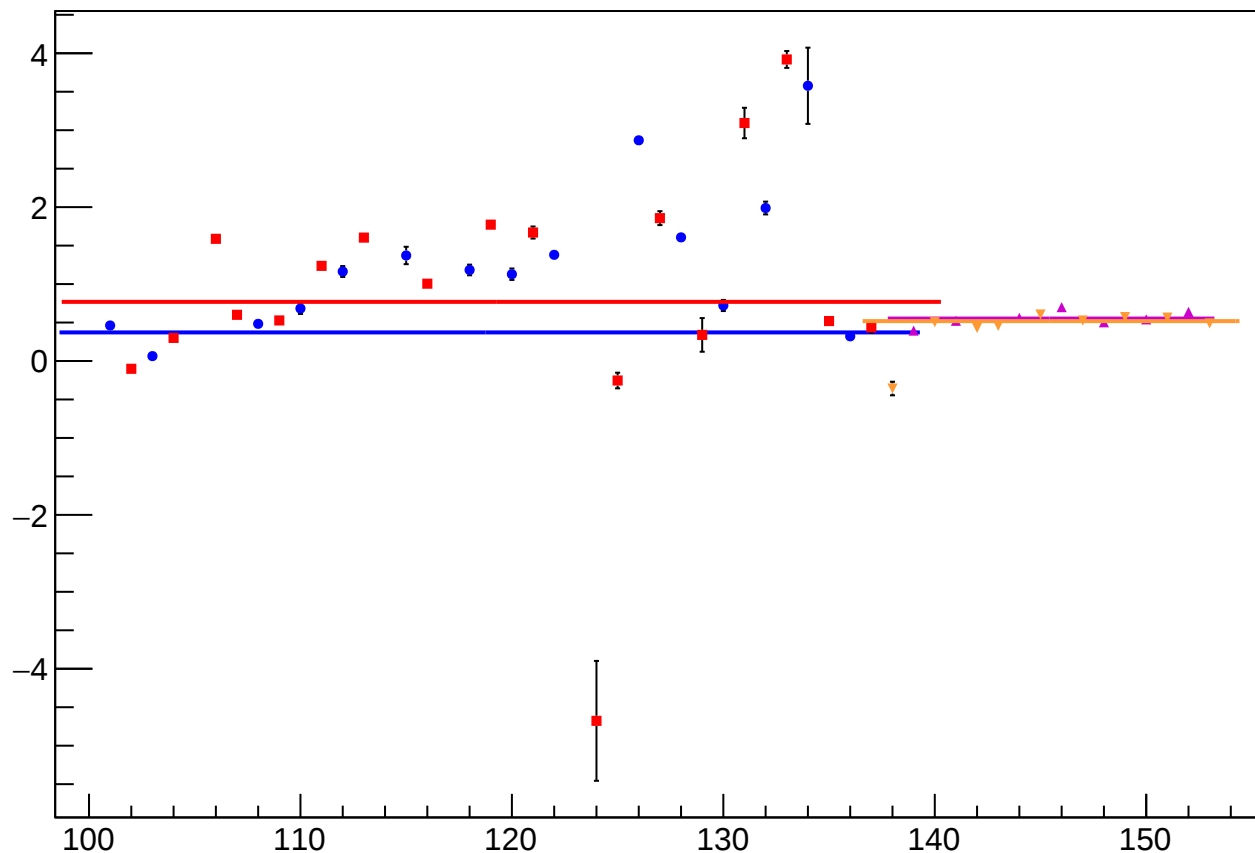
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 15.146 ± 0.040 $\chi^2/\text{NDF}: 217325.7/21$

Out: 24.065 ± 0.008 $\chi^2/\text{NDF}: 130906.6/26$

All: 23.704 ± 0.008 $\chi^2/\text{NDF}: 396680.1/48$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.518 ± 0.002 $\chi^2/\text{NDF}: 703.5/8$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.552 ± 0.002 $\chi^2/\text{NDF}: 1884.3/6$

Left: 0.536 ± 0.001 $\chi^2/\text{NDF}: 2758.3/15$

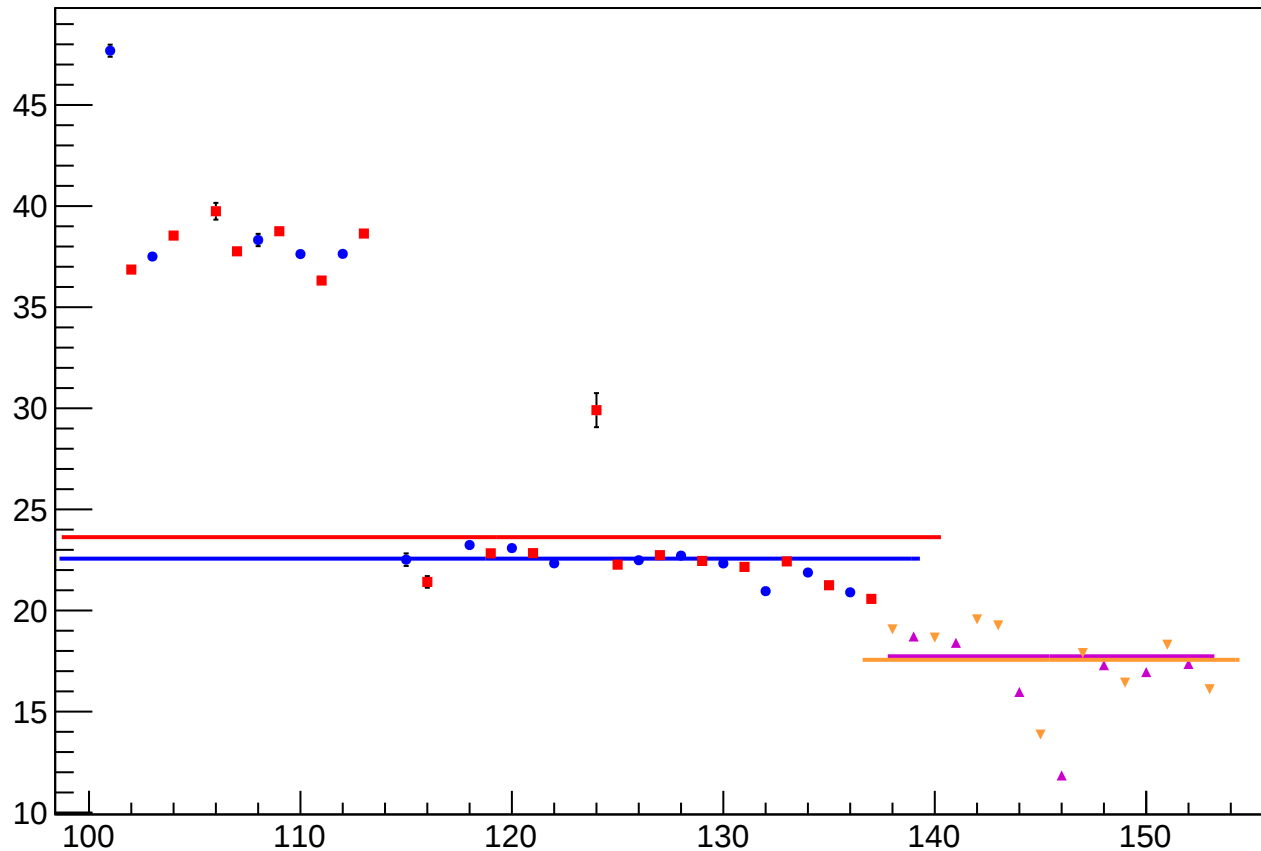
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 8103.8/21$

Out: 0.535 ± 0.002 $\chi^2/\text{NDF}: 6057.5/26$

All: 0.531 ± 0.001 $\chi^2/\text{NDF}: 14173.2/48$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.562 $\pm$ 0.009 χ^2 /NDF: 40580.4/8

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.735 $\pm$ 0.014 χ^2 /NDF: 5746.5/6

Left: 17.618 $\pm$ 0.008 χ^2 /NDF: 46436.7/15

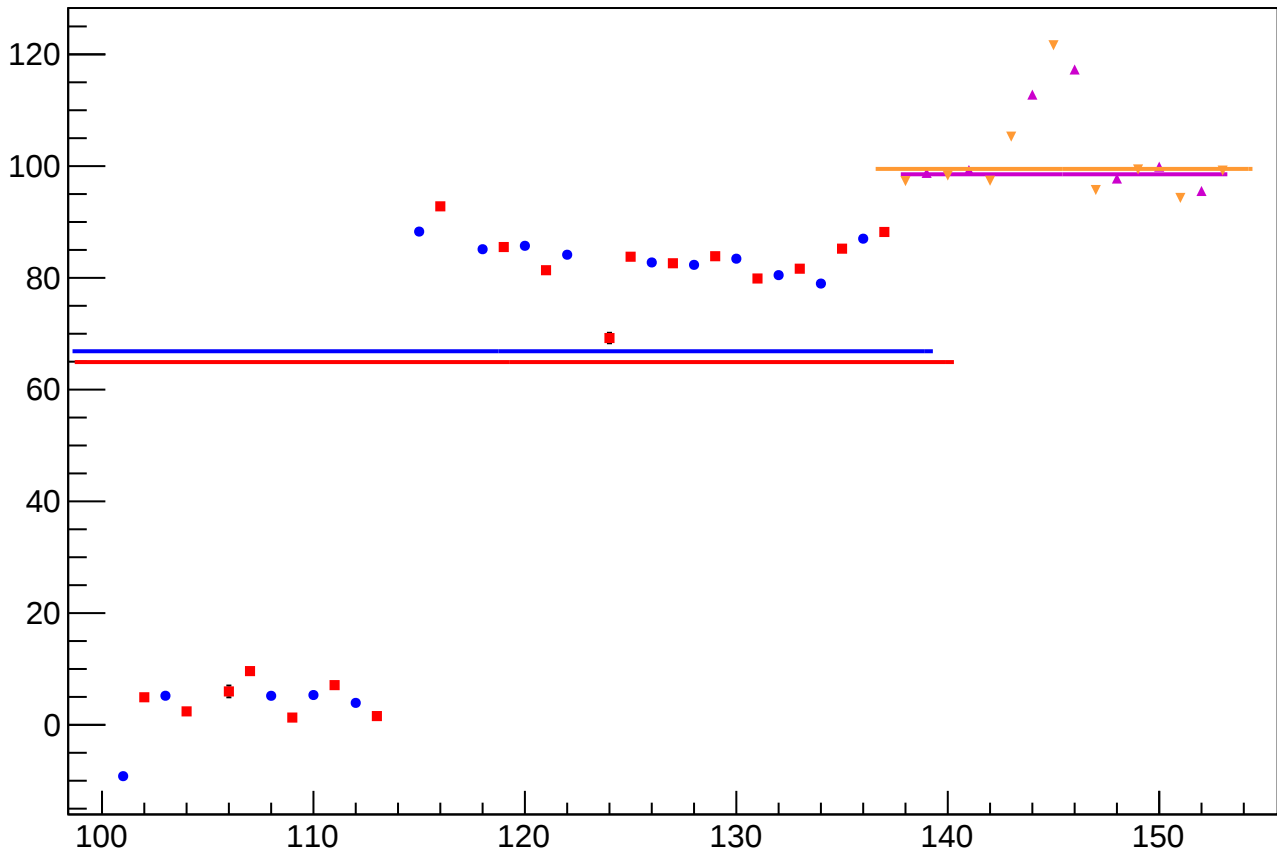
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 20.840 $\pm$ 0.008 χ^2 /NDF: 179088.8/21

Out: 20.080 $\pm$ 0.007 χ^2 /NDF: 334612.3/26

All: 20.414 $\pm$ 0.005 χ^2 /NDF: 518559.8/48

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.502 $\pm$ 0.016 χ^2 /NDF: 68233.7/8

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.538 $\pm$ 0.019 χ^2 /NDF: 13498.4/6

Left: 99.079 $\pm$ 0.012 χ^2 /NDF: 83238.7/15

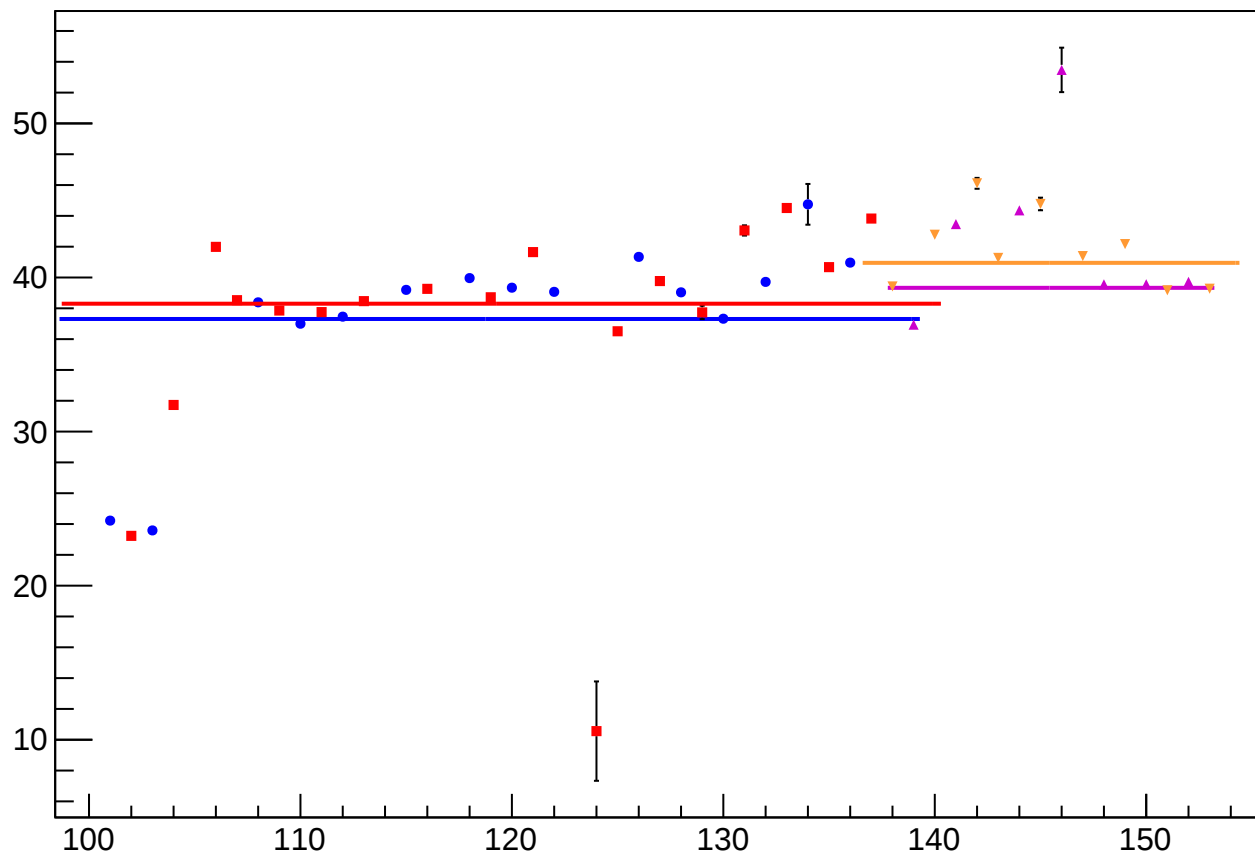
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 88.375 $\pm$ 0.015 χ^2 /NDF: 2438011.9/21

Out: 91.387 $\pm$ 0.014 χ^2 /NDF: 2437900.1/26

All: 89.975 $\pm$ 0.010 χ^2 /NDF: 4896421.5/48

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.952 ± 0.049 $\chi^2/\text{NDF}: 1025.1/8$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.329 ± 0.038 $\chi^2/\text{NDF}: 3075.8/6$

Left: 39.952 ± 0.030 $\chi^2/\text{NDF}: 4784.2/15$

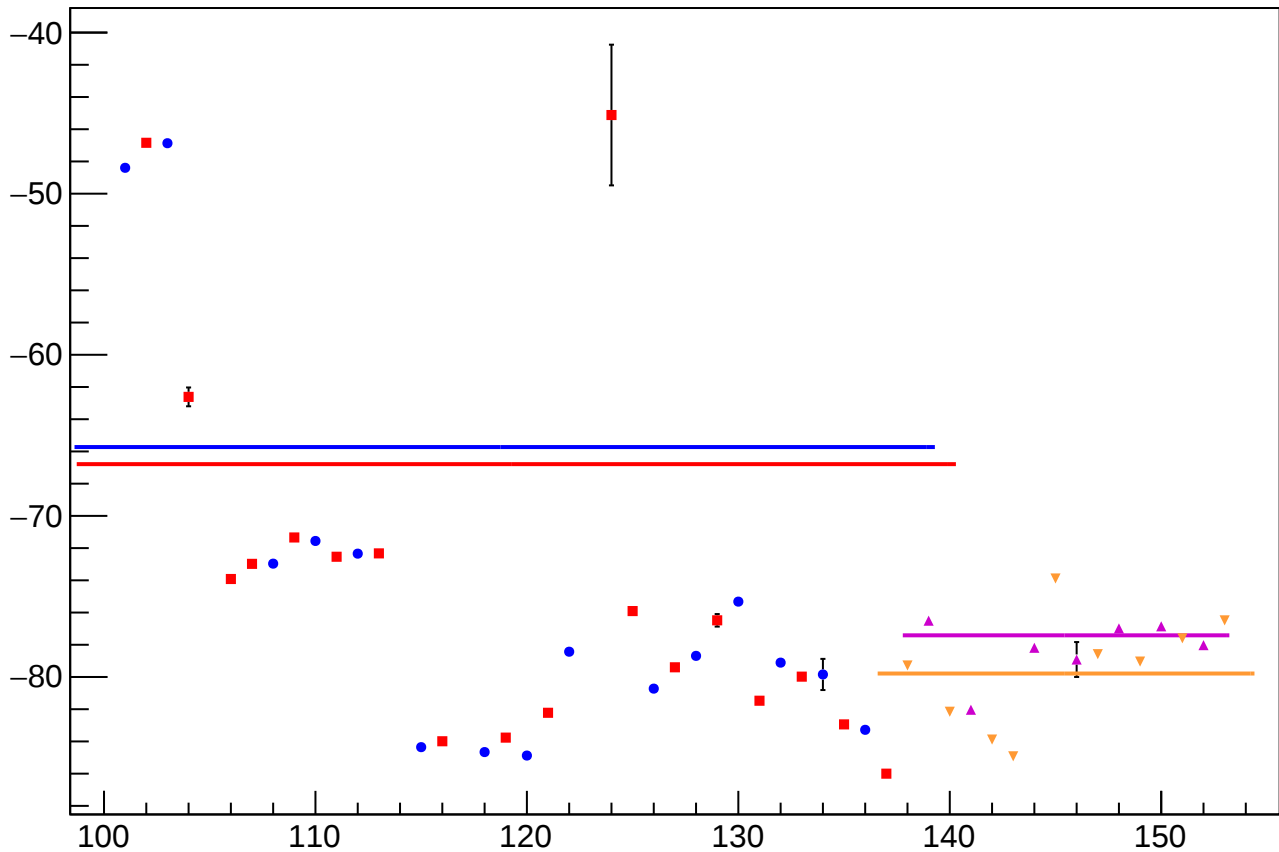
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.843 ± 0.020 $\chi^2/\text{NDF}: 64688.3/21$

Out: 38.699 ± 0.019 $\chi^2/\text{NDF}: 22382.6/26$

All: 38.291 ± 0.014 $\chi^2/\text{NDF}: 88048.9/48$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.785 ± 0.041 $\chi^2/\text{NDF}: 5474.0/8$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.414 ± 0.030 $\chi^2/\text{NDF}: 2260.8/6$

Left: -78.249 ± 0.024 $\chi^2/\text{NDF}: 9891.4/15$

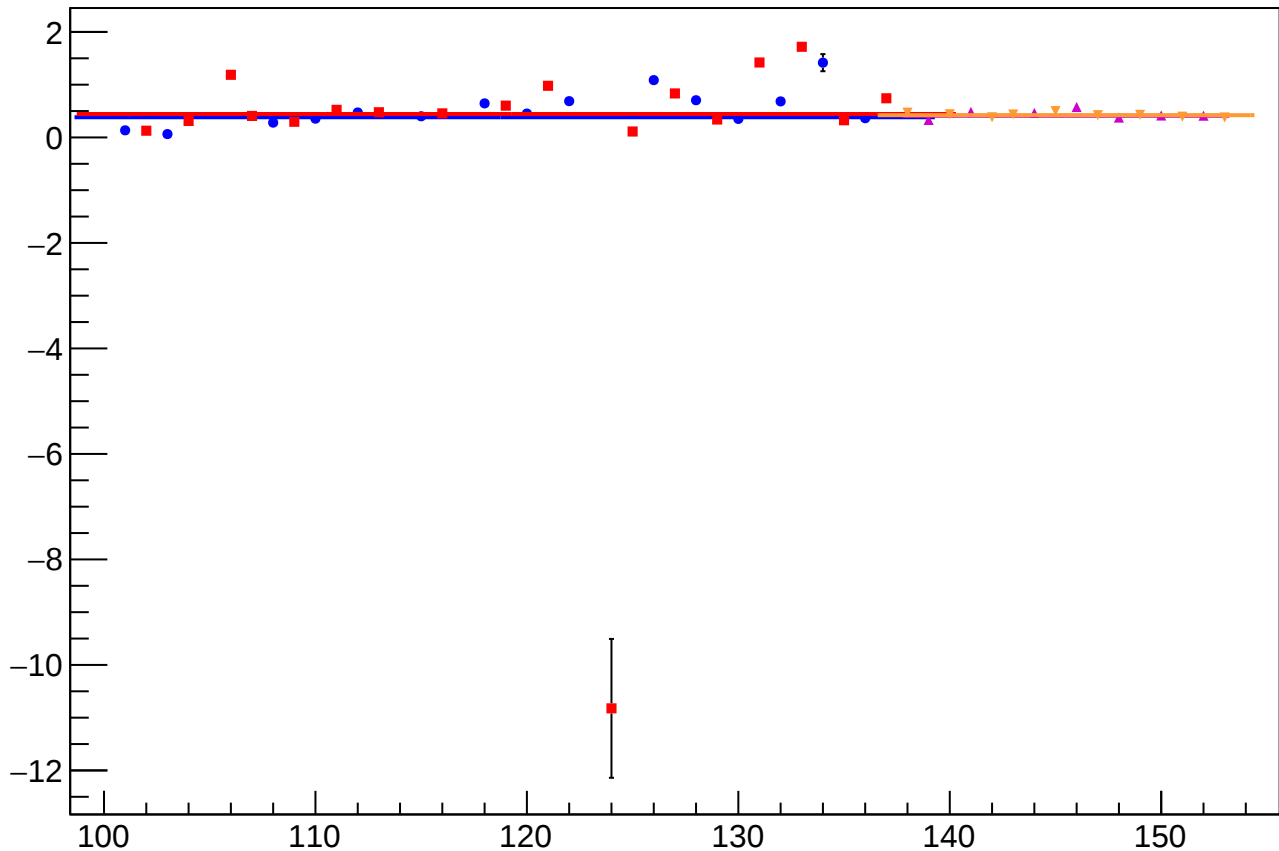
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.487 ± 0.015 $\chi^2/\text{NDF}: 1018873.2/21$

Out: -68.463 ± 0.015 $\chi^2/\text{NDF}: 901971.0/26$

All: -68.475 ± 0.010 $\chi^2/\text{NDF}: 1920845.4/48$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.422 $\pm$ 0.001 χ^2 /NDF: 427.2/8

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF: 2090.4/6

Left: 0.416 $\pm$ 0.001 χ^2 /NDF: 2601.8/15

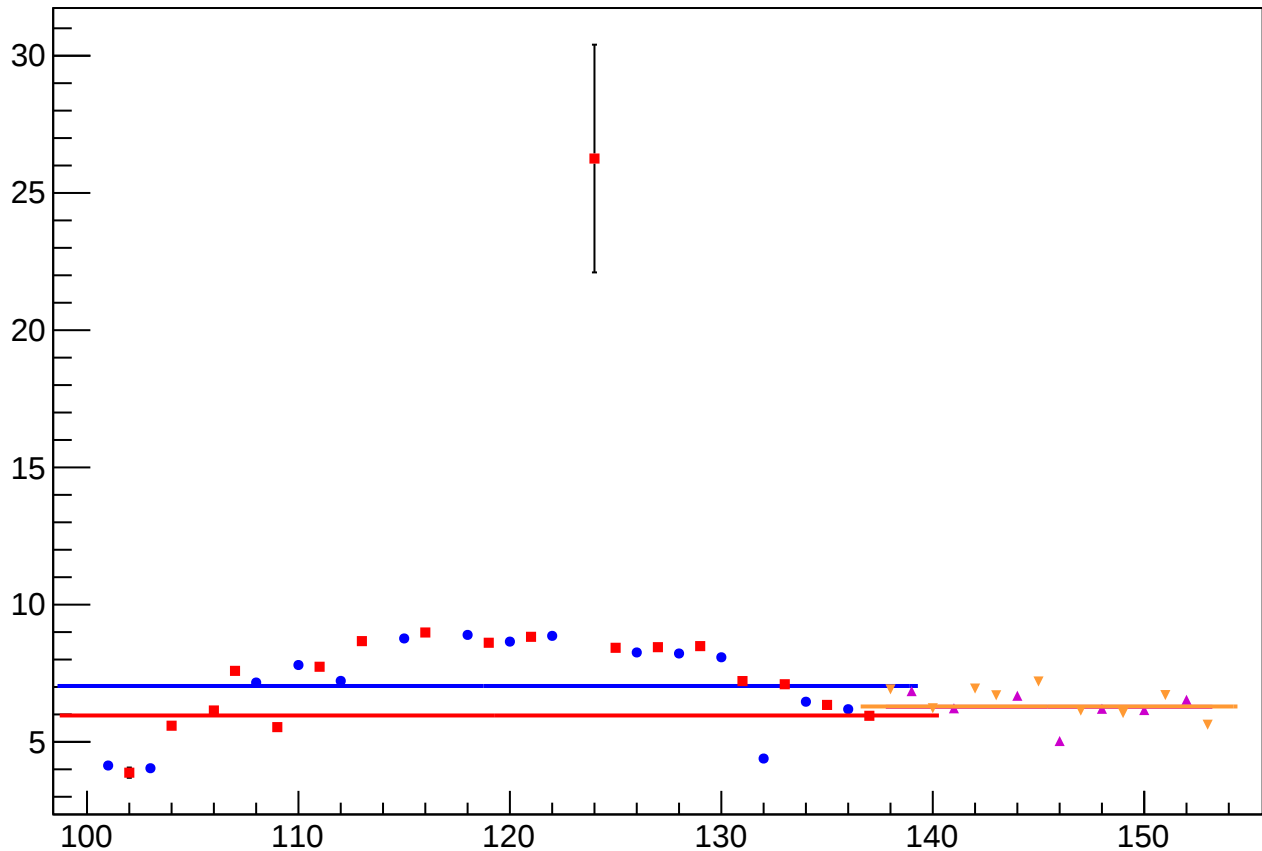
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.406 $\pm$ 0.001 χ^2 /NDF: 10448.4/21

Out: 0.423 $\pm$ 0.001 χ^2 /NDF: 3248.0/26

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13914.5/48

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.290+/-0.003 χ^2/NDF : 19834.3/8

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.276+/-0.003 χ^2/NDF : 7649.0/6

Left: 6.282+/-0.002 χ^2/NDF : 27495.5/15

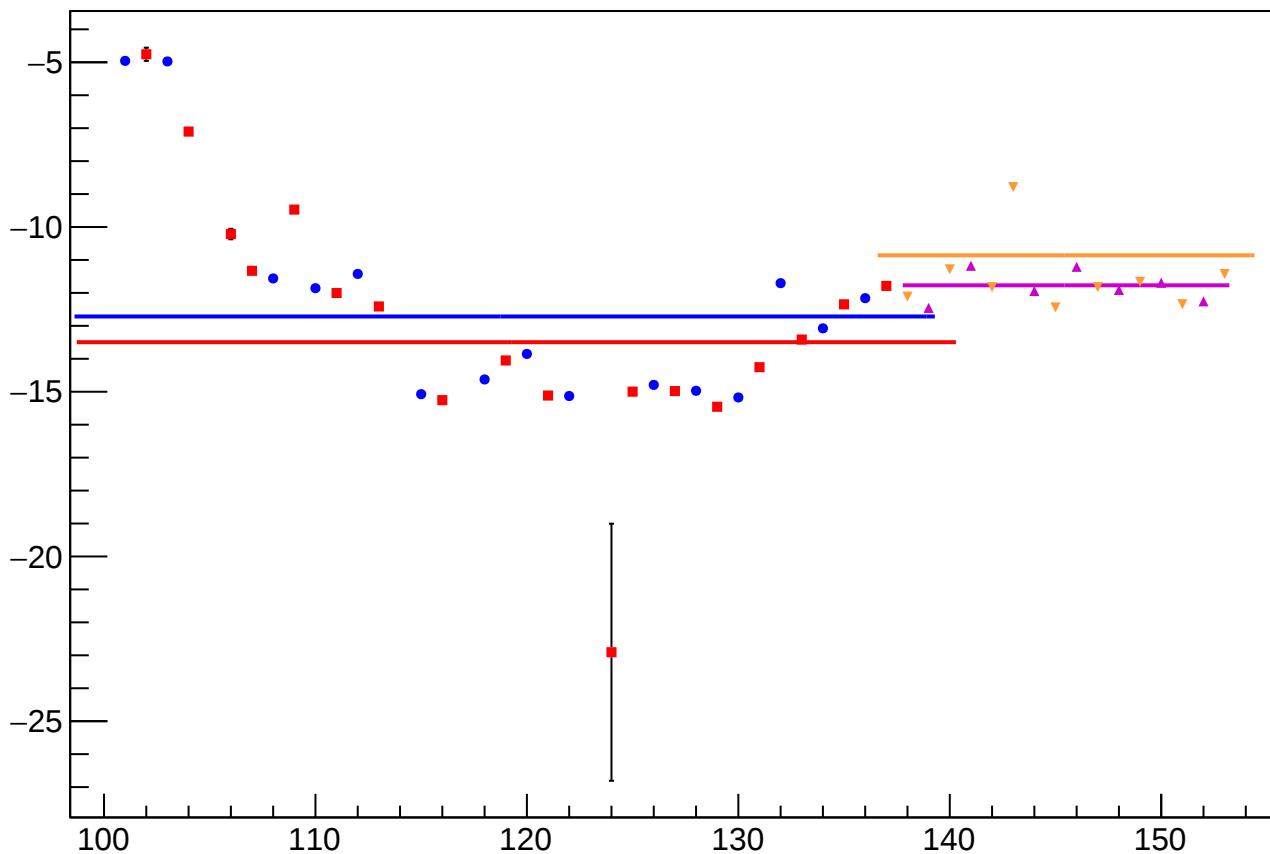
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.463+/-0.002 χ^2/NDF : 98877.6/21

Out: 5.968+/-0.000 χ^2/NDF : 201315.5/26

All: 5.984+/-0.000 χ^2/NDF : 347329.9/48

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -10.859 ± 0.003 $\chi^2/\text{NDF}: 162949.8/8$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.770 ± 0.004 $\chi^2/\text{NDF}: 4578.7/6$

Left: -11.264 ± 0.003 $\chi^2/\text{NDF}: 199129.3/15$

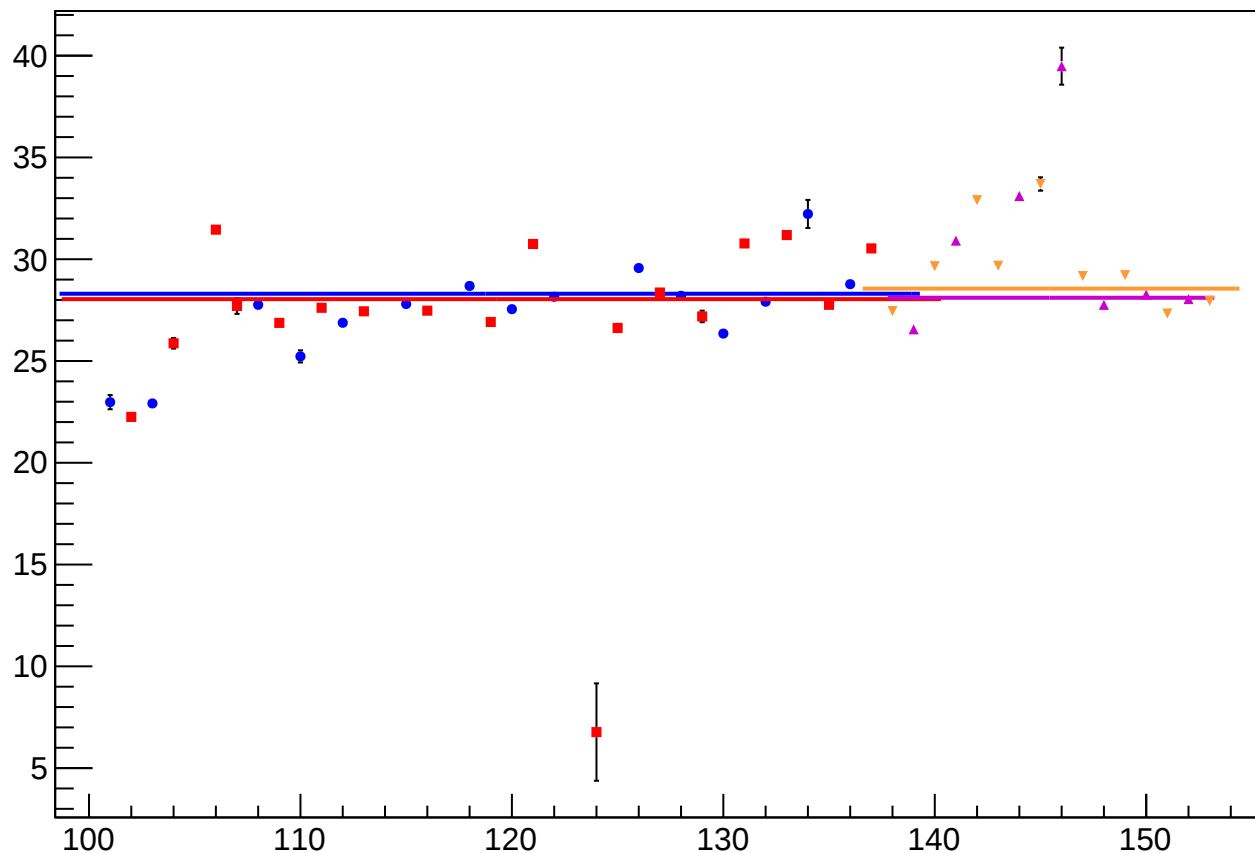
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.019 ± 0.003 $\chi^2/\text{NDF}: 105988.7/21$

Out: -11.536 ± 0.003 $\chi^2/\text{NDF}: 371755.2/26$

All: -11.752 ± 0.002 $\chi^2/\text{NDF}: 489789.6/48$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.557 ± 0.029 $\chi^2/\text{NDF}: 1918.8/8$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.106 ± 0.025 $\chi^2/\text{NDF}: 2871.0/6$

Left: 28.305 ± 0.019 $\chi^2/\text{NDF}: 4929.1/15$

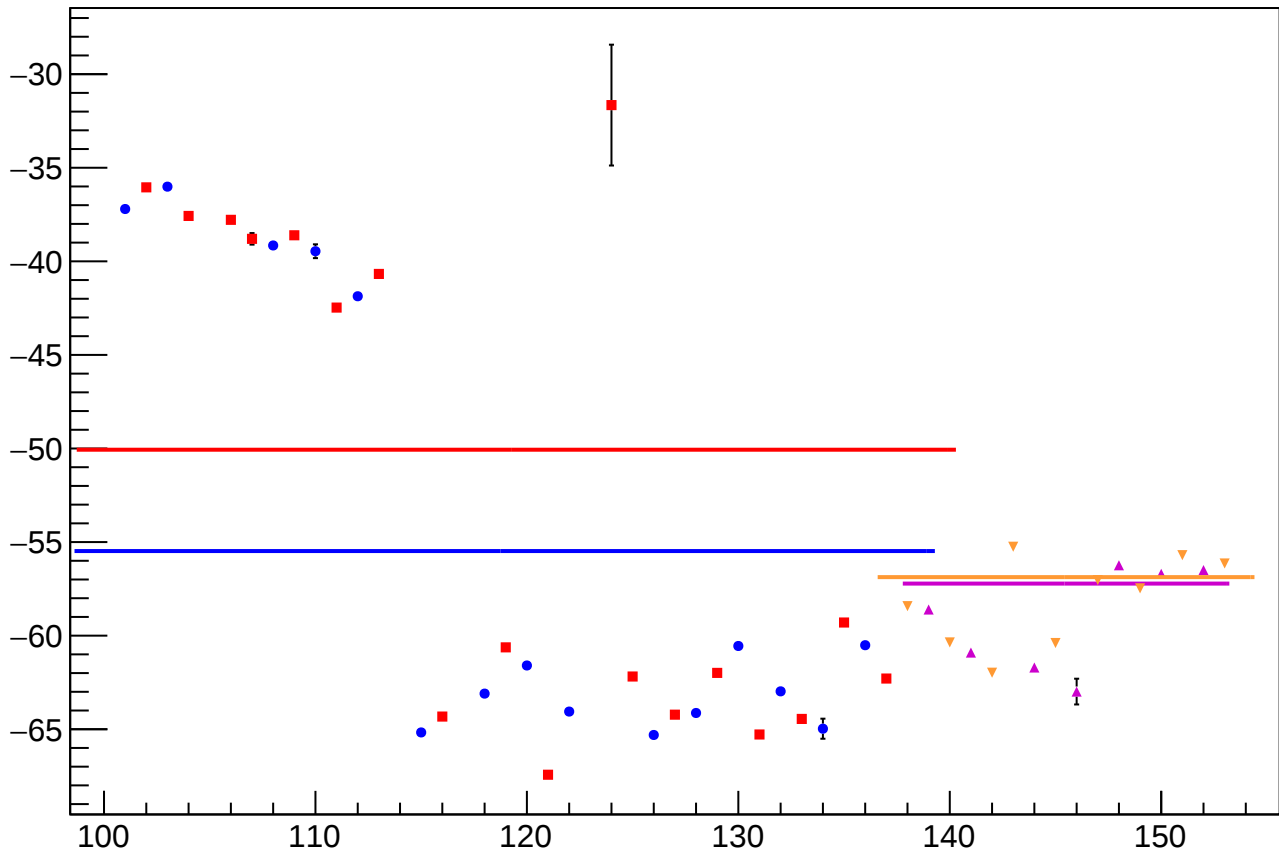
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.214 ± 0.017 $\chi^2/\text{NDF}: 6304.3/21$

Out: 28.314 ± 0.021 $\chi^2/\text{NDF}: 4634.4/26$

All: 28.254 ± 0.013 $\chi^2/\text{NDF}: 10952.4/48$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480+/-0.017 χ^2/NDF : 595140.3/14

Left Out: -56.873+/-0.025 χ^2/NDF : 4283.5/8

Right Out: -50.065+/-0.023 χ^2/NDF : 340098.3/17

Left In: -57.218+/-0.022 χ^2/NDF : 4549.5/6

Left: -57.069+/-0.017 χ^2/NDF : 8938.4/15

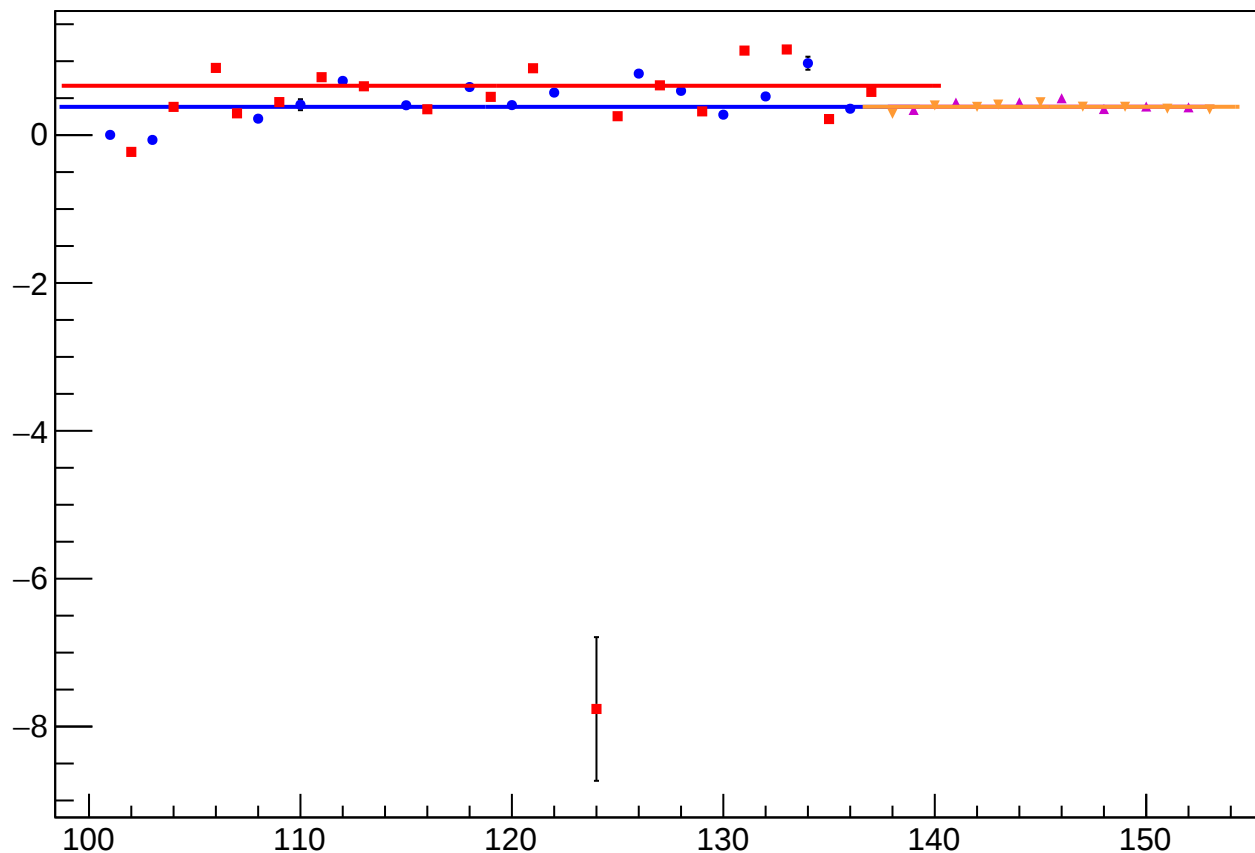
Right: -53.644+/-0.013 χ^2/NDF : 971470.1/32

In: -56.106+/-0.013 χ^2/NDF : 603657.6/21

Out: -53.160+/-0.017 χ^2/NDF : 383781.9/26

All: -54.999+/-0.010 χ^2/NDF : 1006014.3/48

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.383 ± 0.001 χ^2/NDF : 1133.2/8

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.384 ± 0.001 χ^2/NDF : 1715.3/6

Left: 0.384 ± 0.000 χ^2/NDF : 2849.2/15

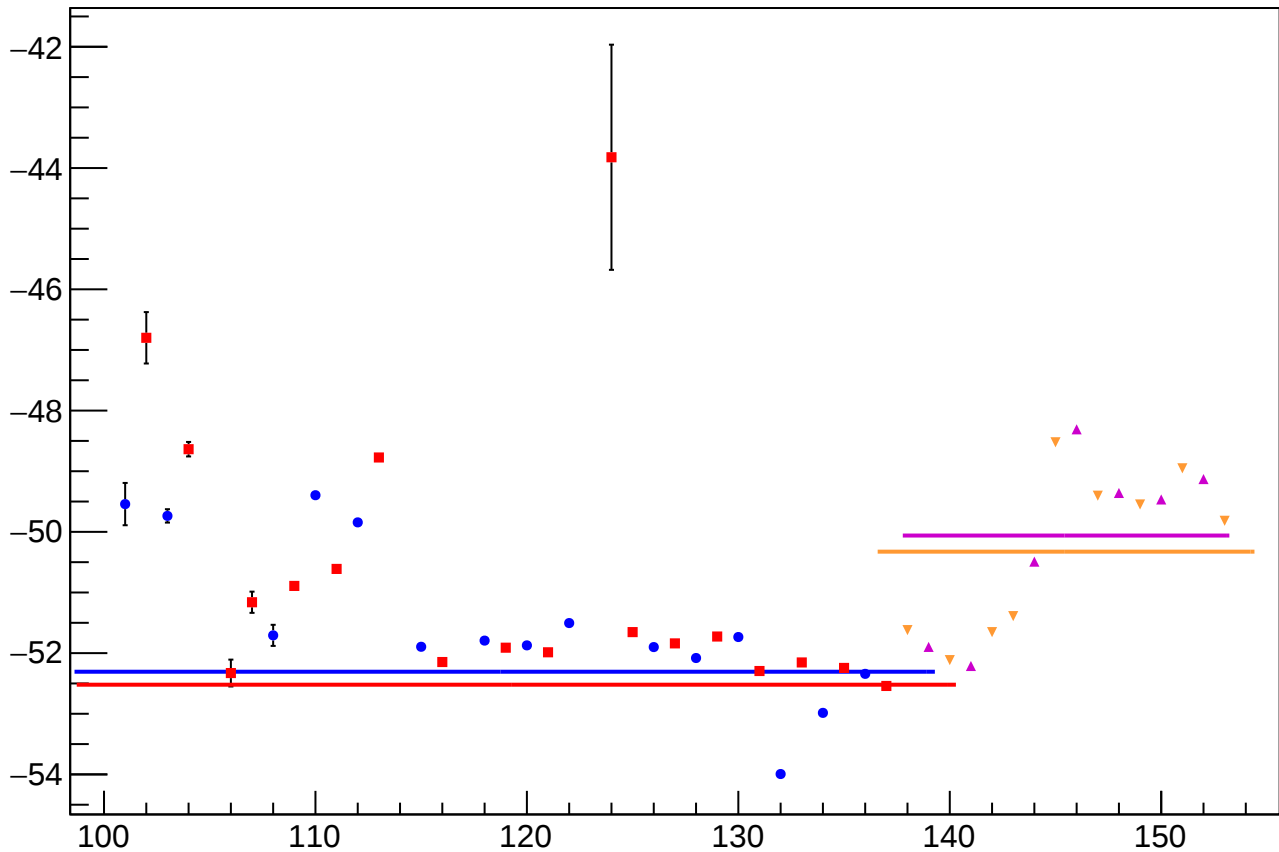
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.384 ± 0.001 χ^2/NDF : 6312.2/21

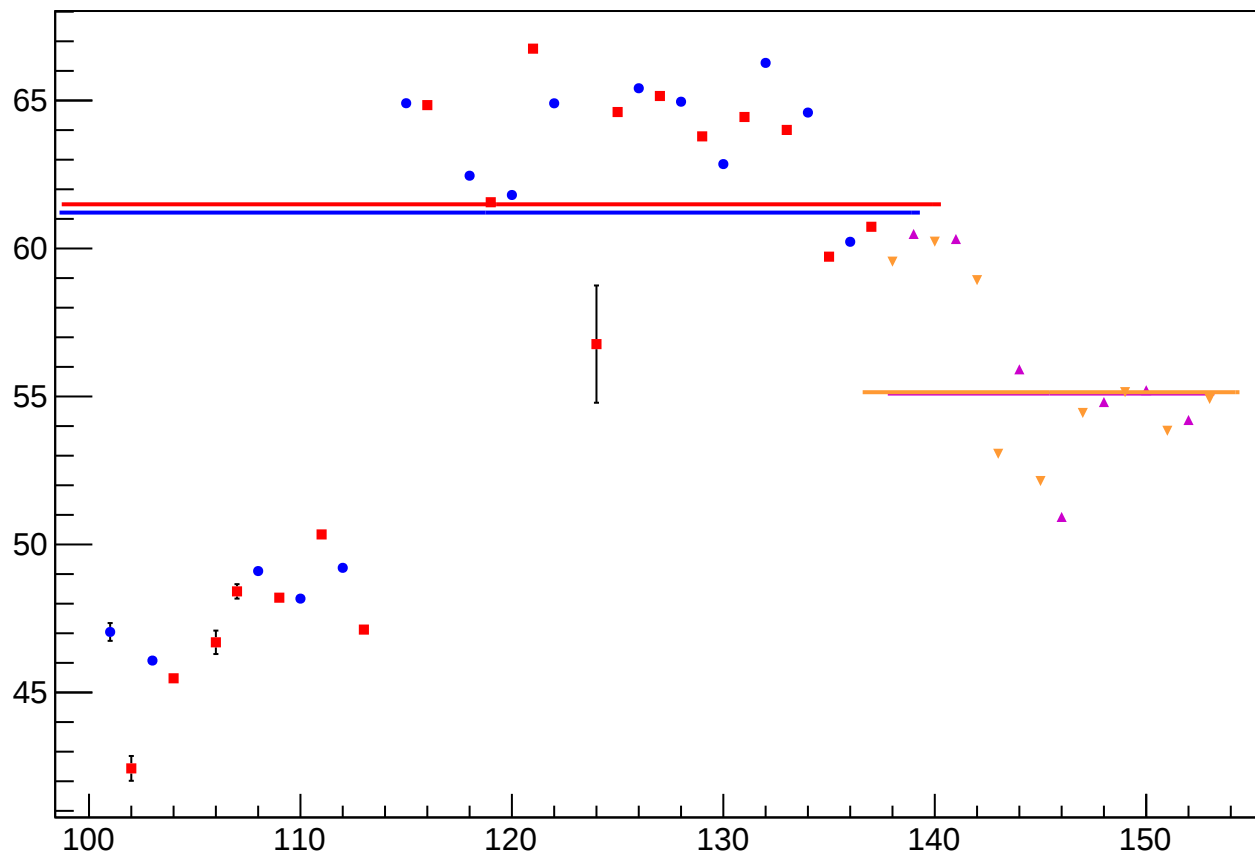
Out: 0.389 ± 0.001 χ^2/NDF : 8569.0/26

All: 0.386 ± 0.000 χ^2/NDF : 14919.3/48

dit_sam8_4aY_slope vs Slug, Sign Corrected



dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.144 ± 0.005 $\chi^2/\text{NDF}: 194256.9/8$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.098 ± 0.005 $\chi^2/\text{NDF}: 57247.1/6$

Left: 55.120 ± 0.004 $\chi^2/\text{NDF}: 251545.0/15$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 56.285 ± 0.004 $\chi^2/\text{NDF}: 519606.8/21$

Out: 57.542 ± 0.004 $\chi^2/\text{NDF}: 993720.9/26$

All: 56.950 ± 0.003 $\chi^2/\text{NDF}: 1556995.9/48$

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

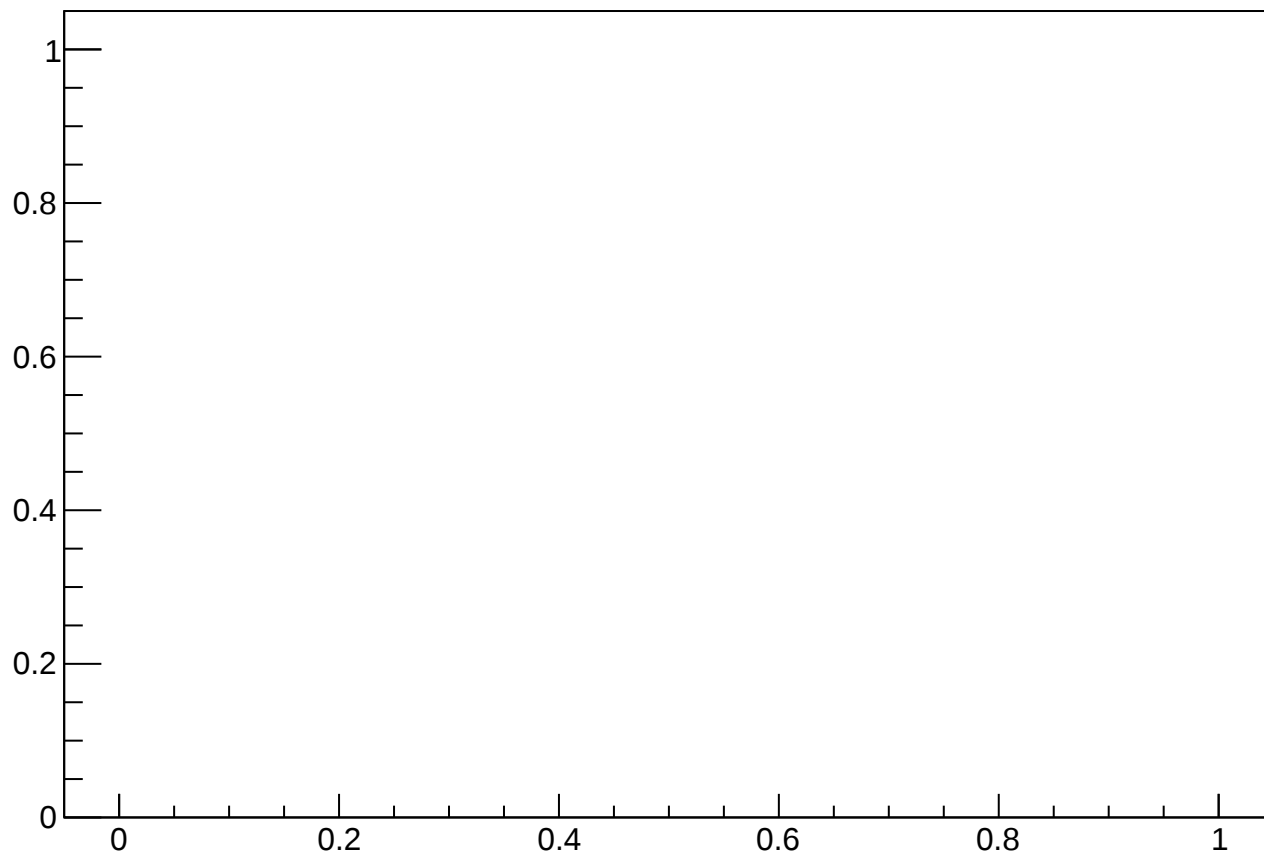
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

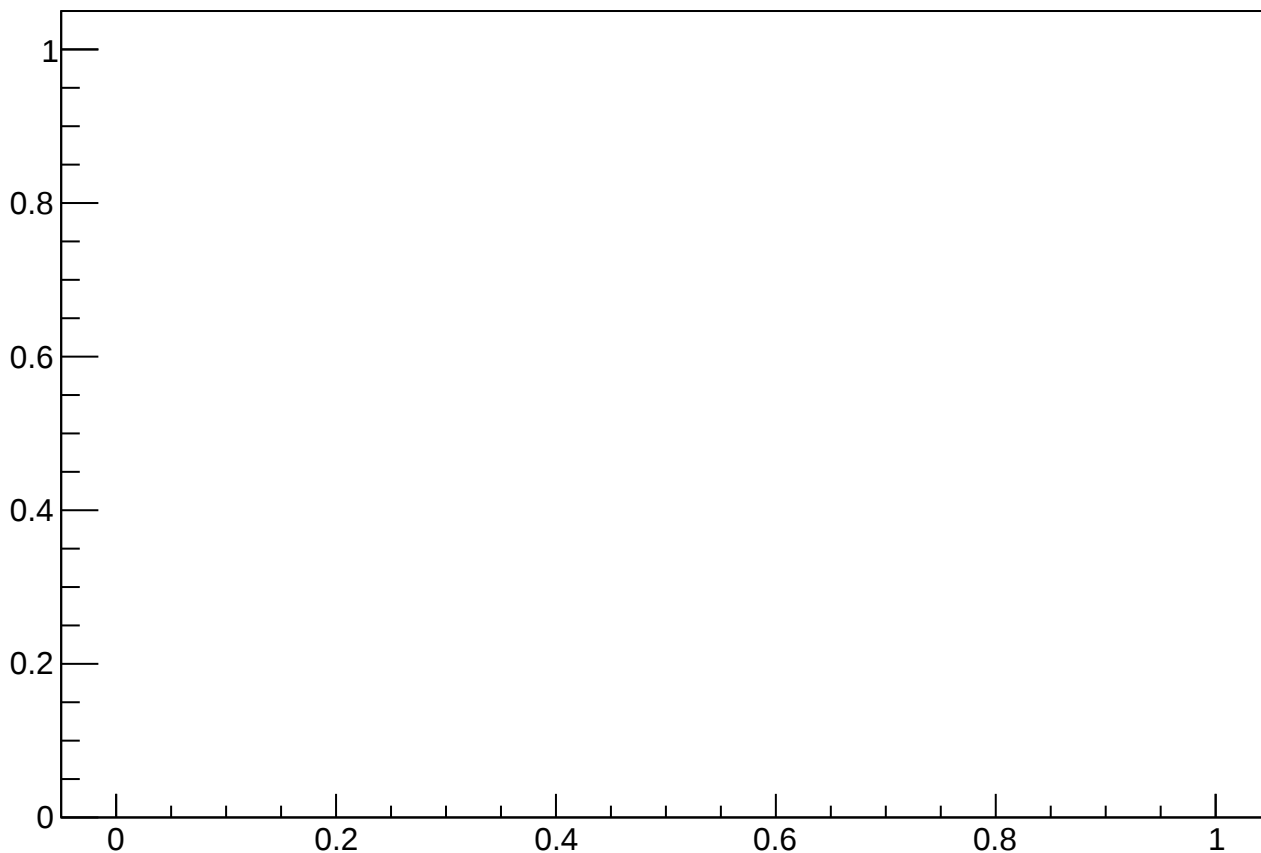
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

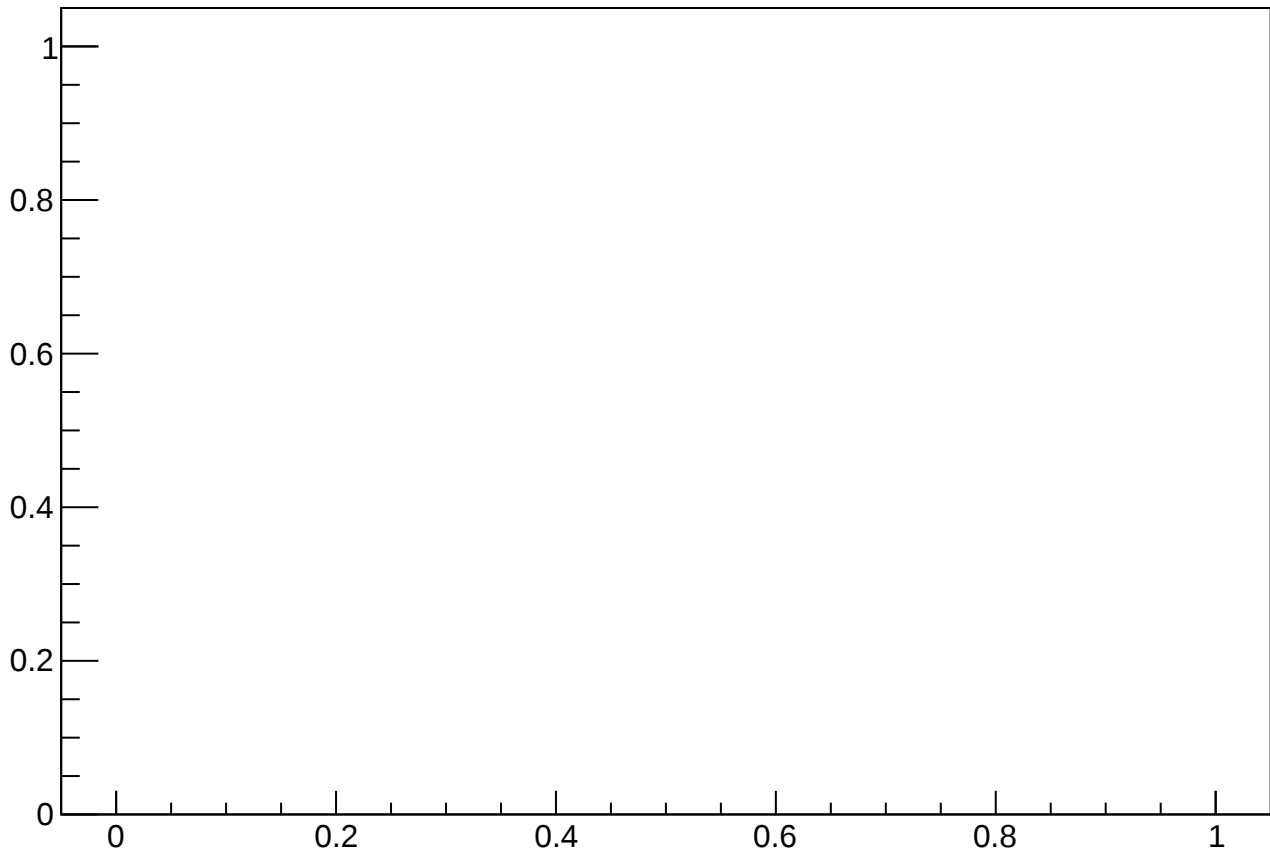
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

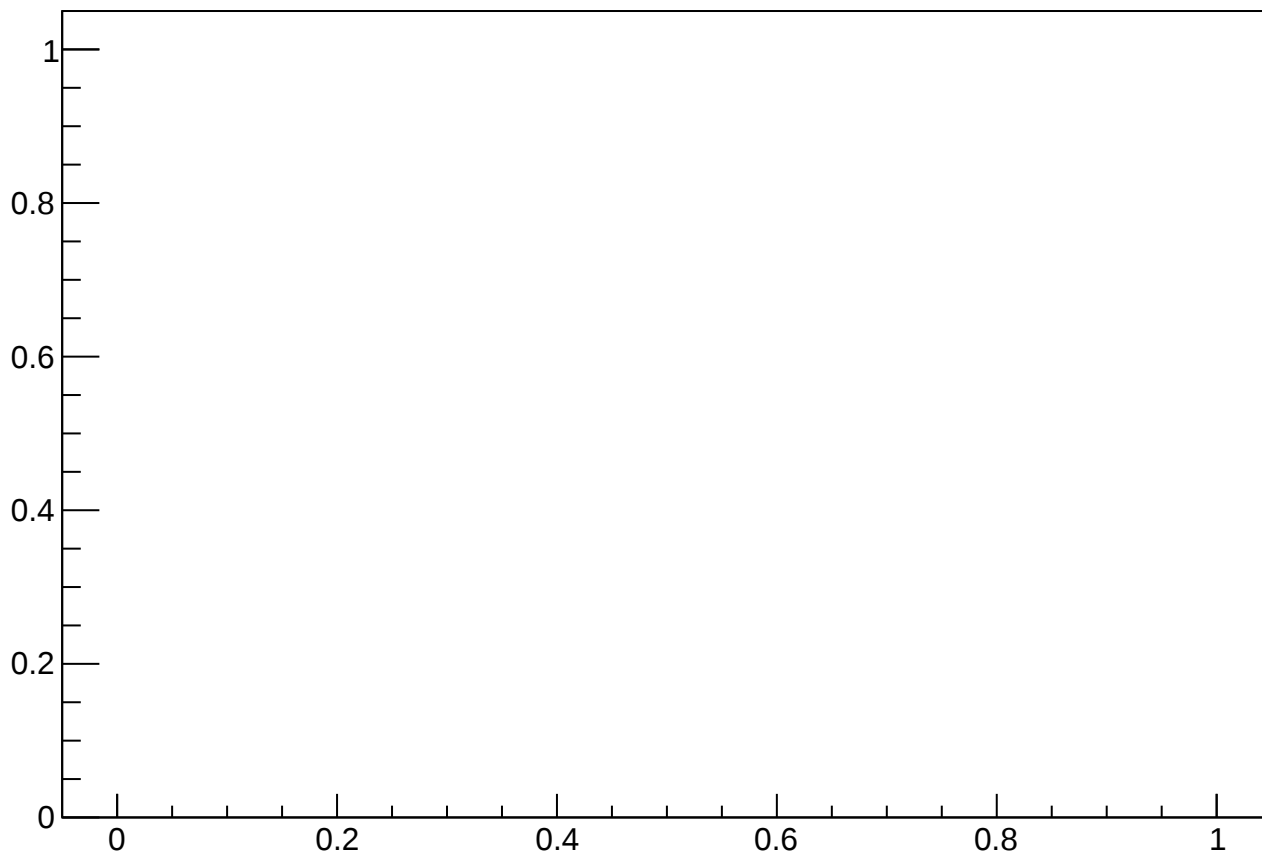
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

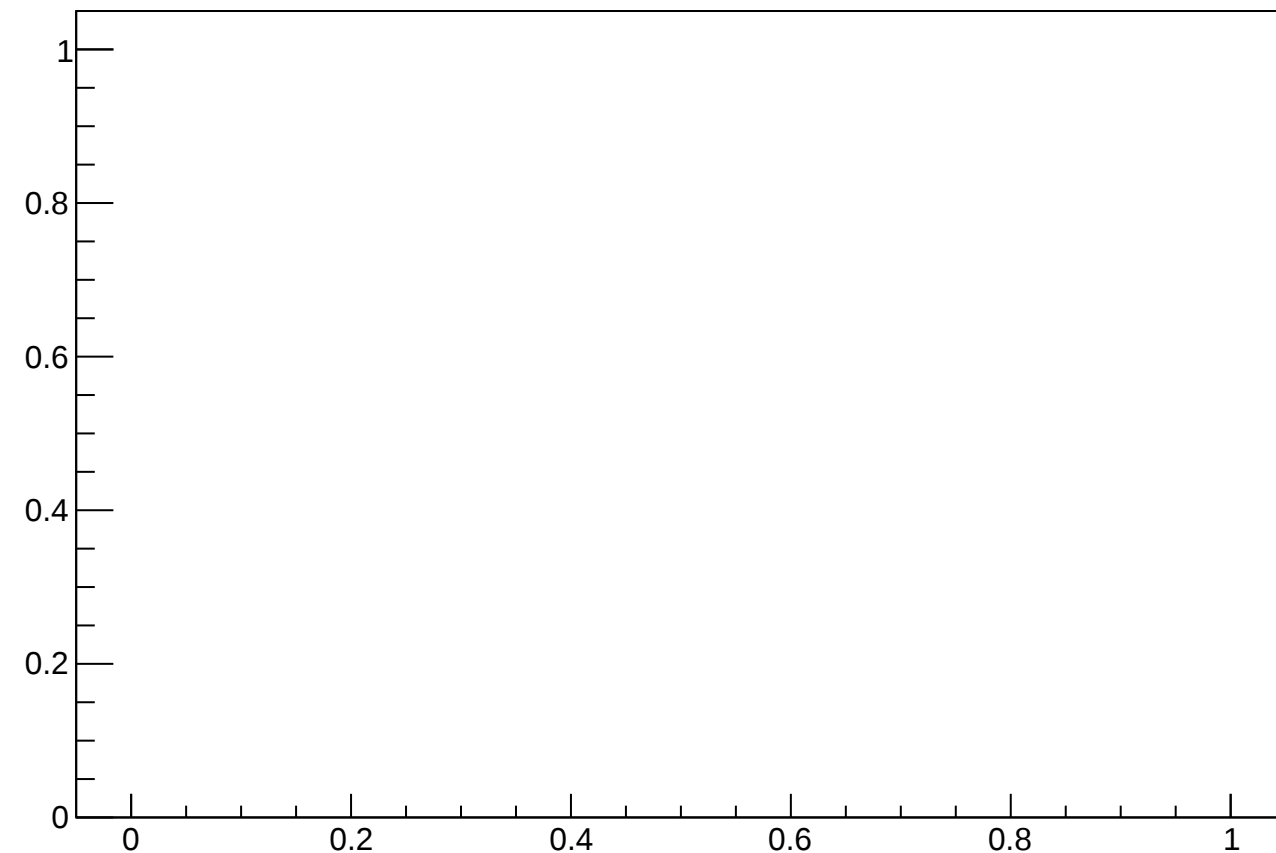
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

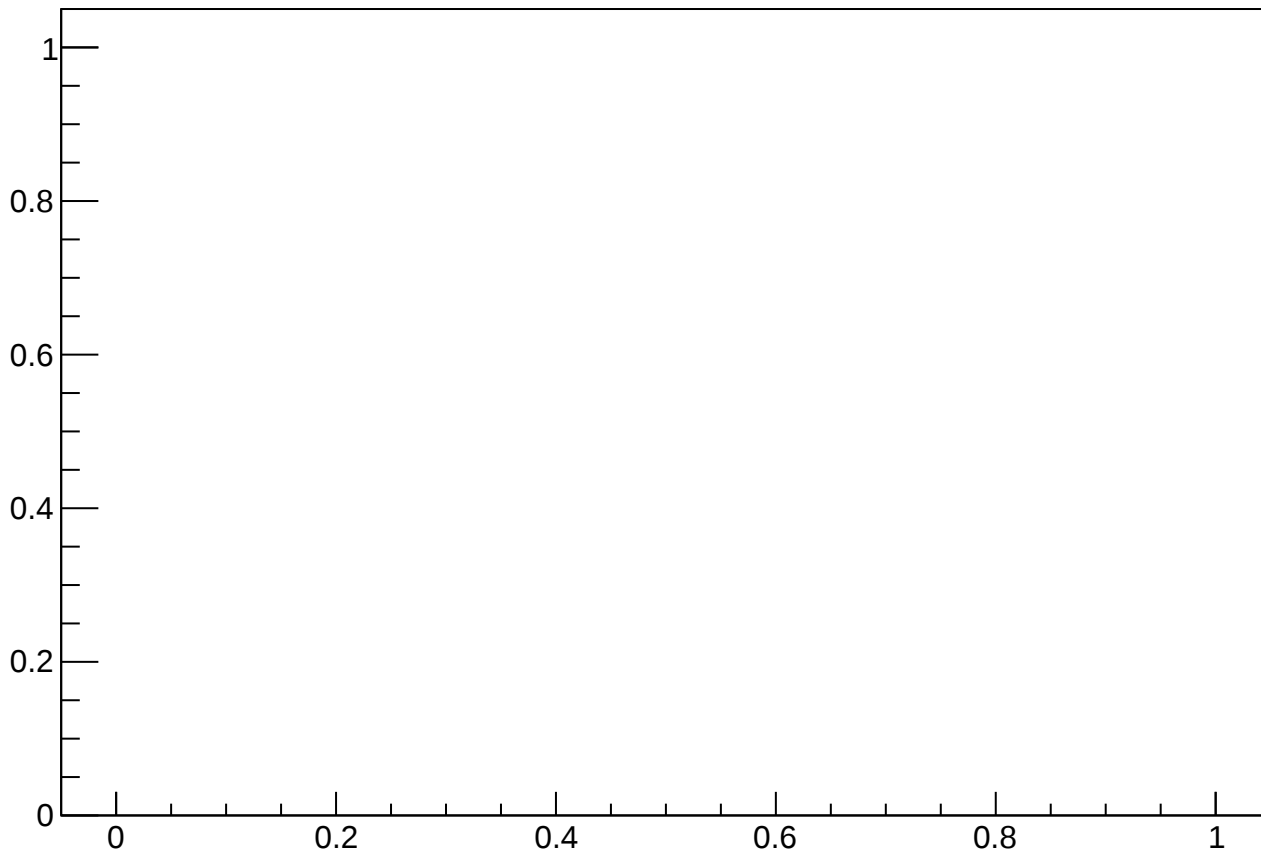
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

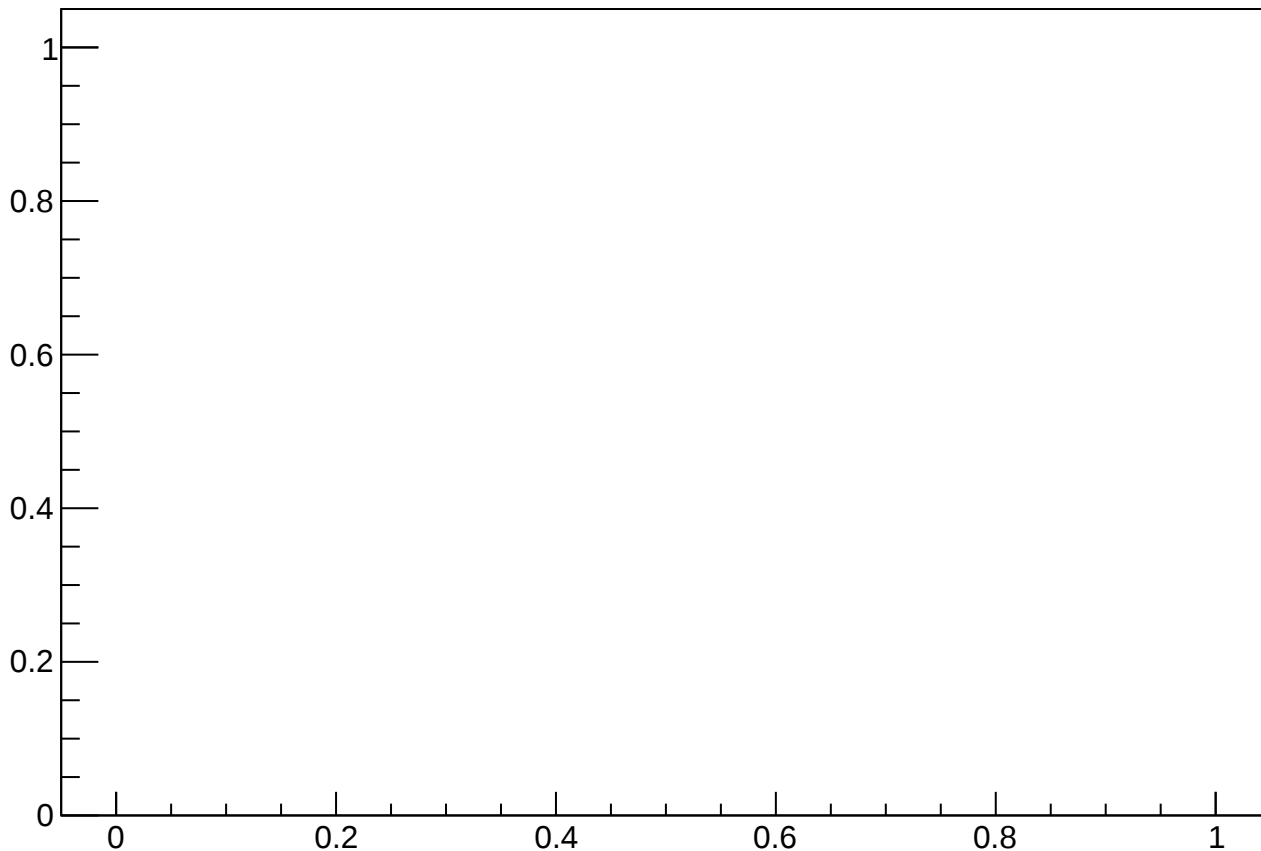
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

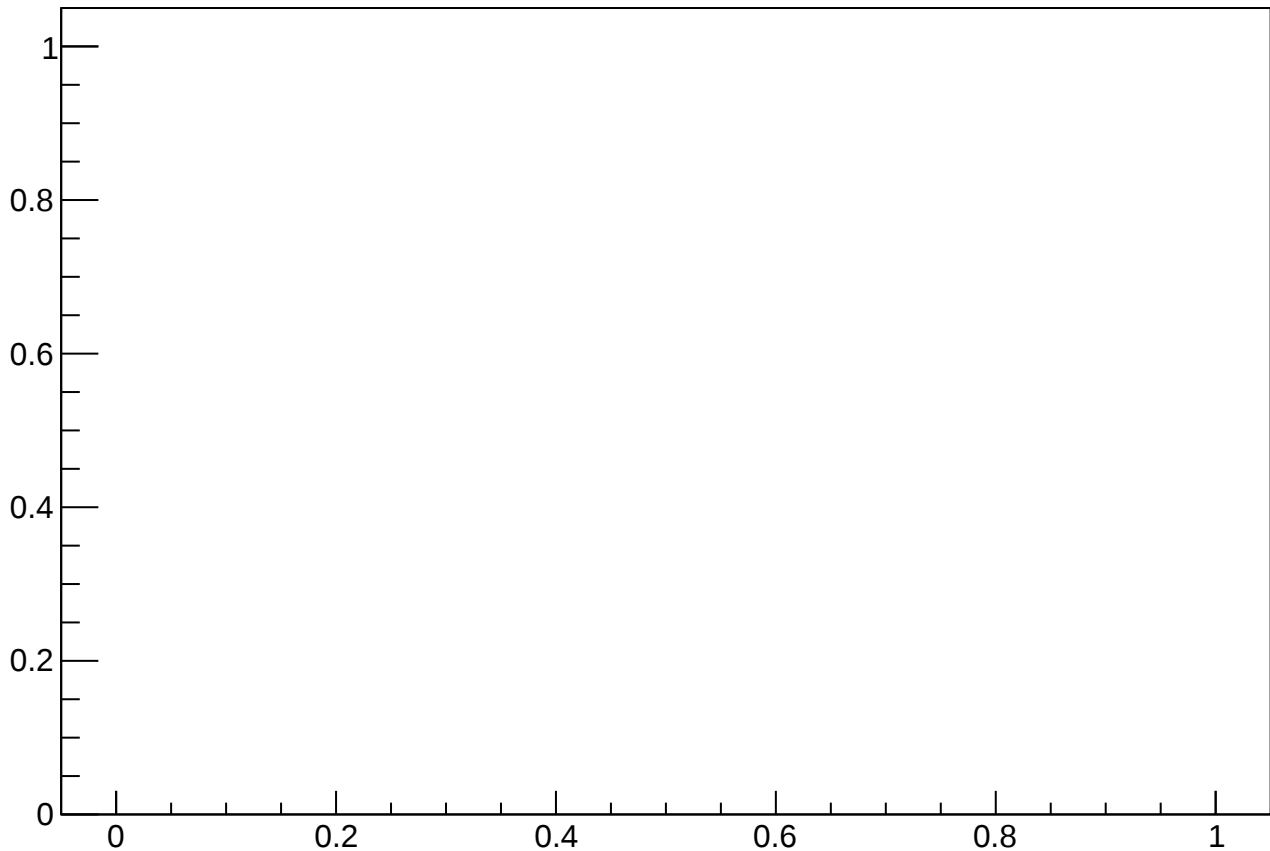
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

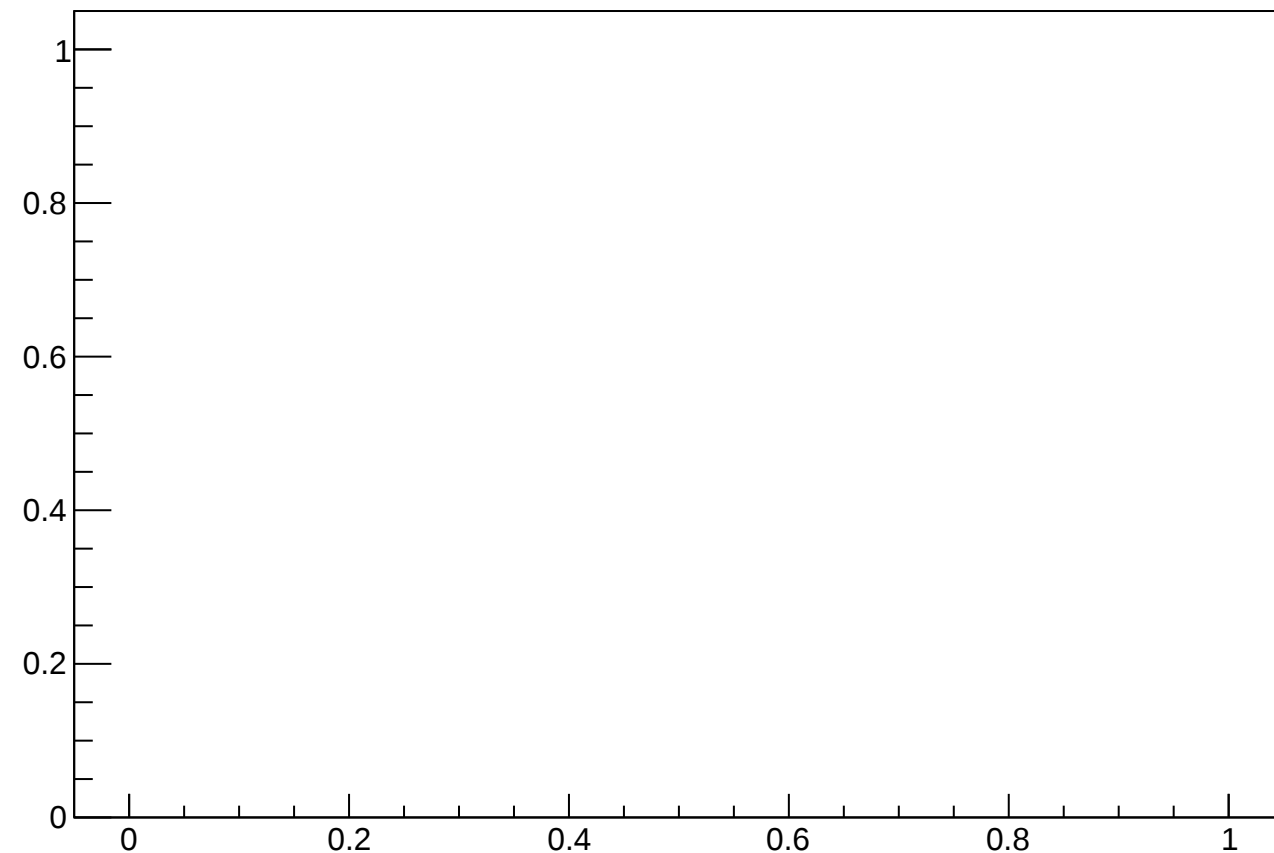
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

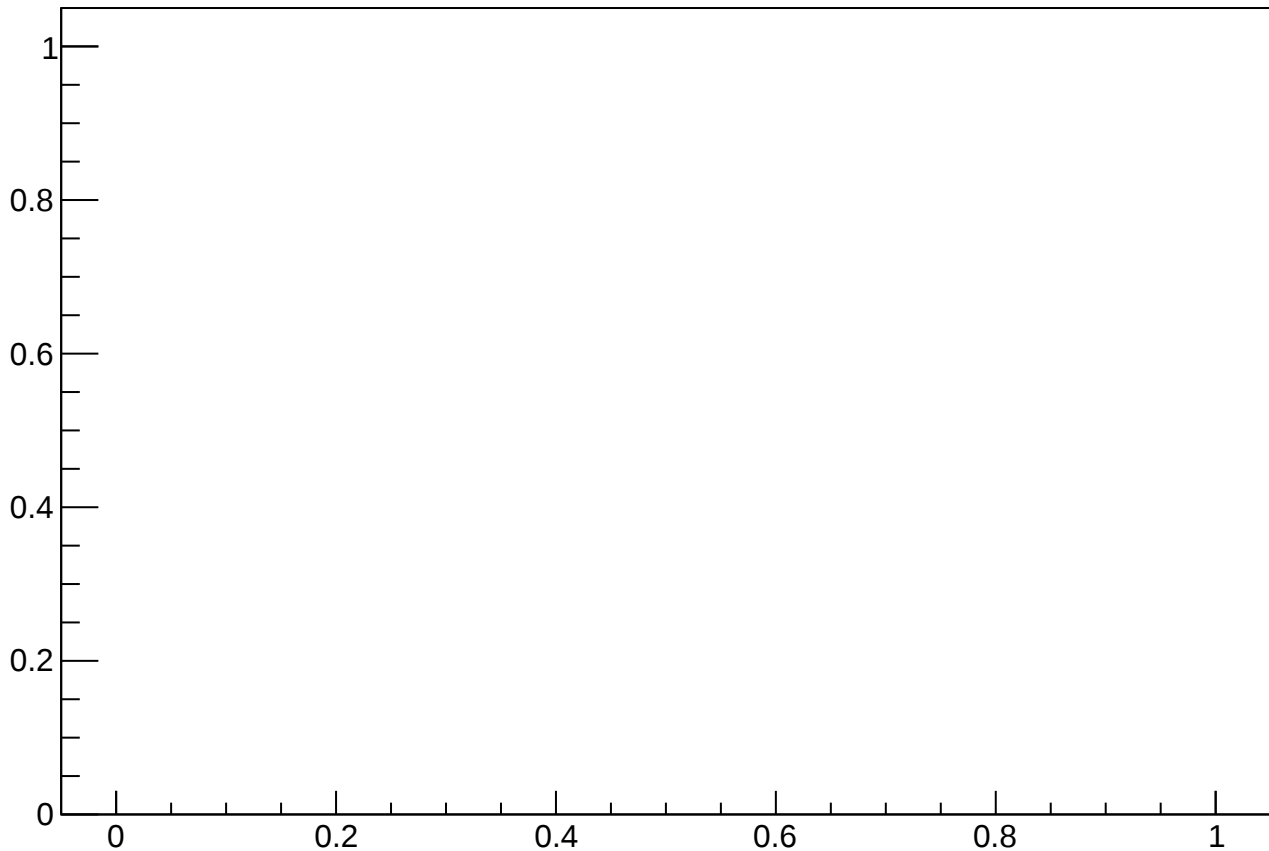
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

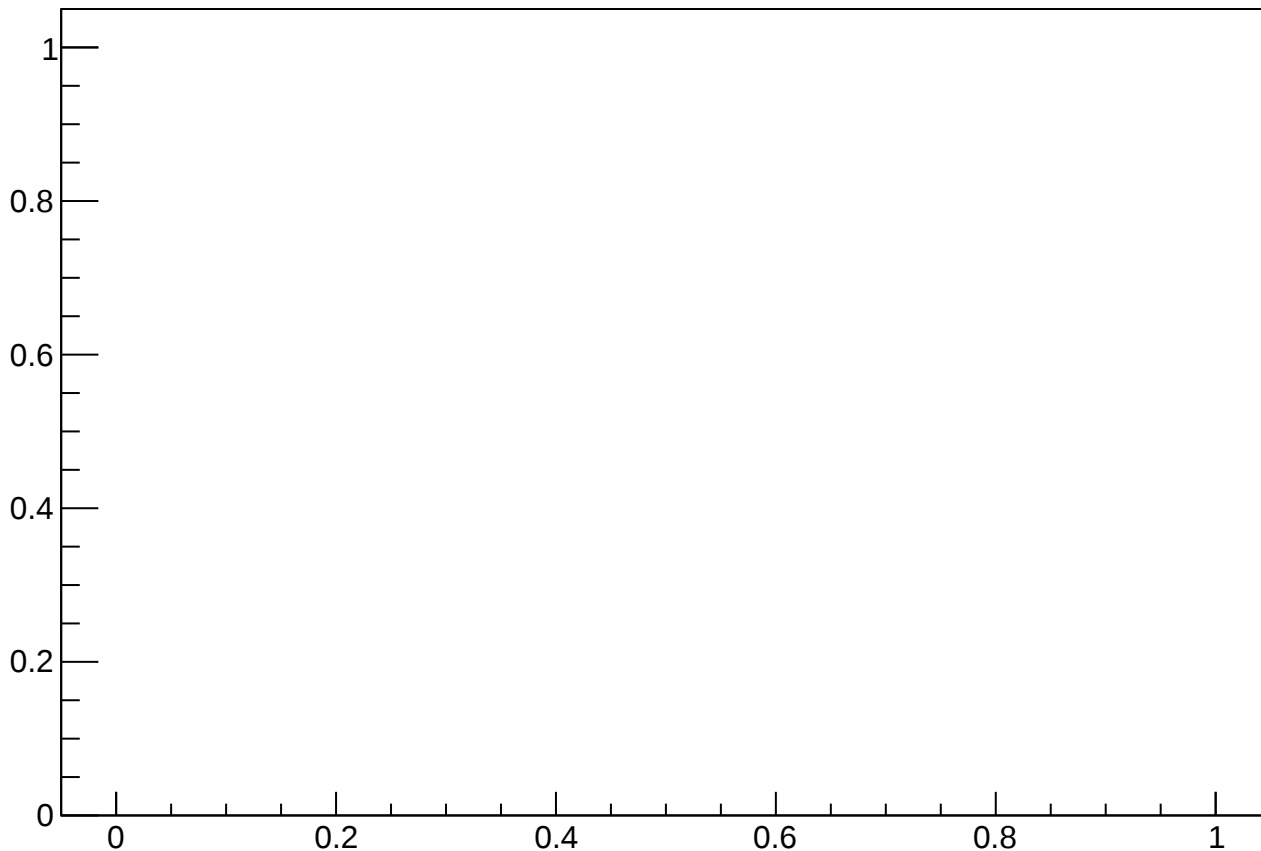
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

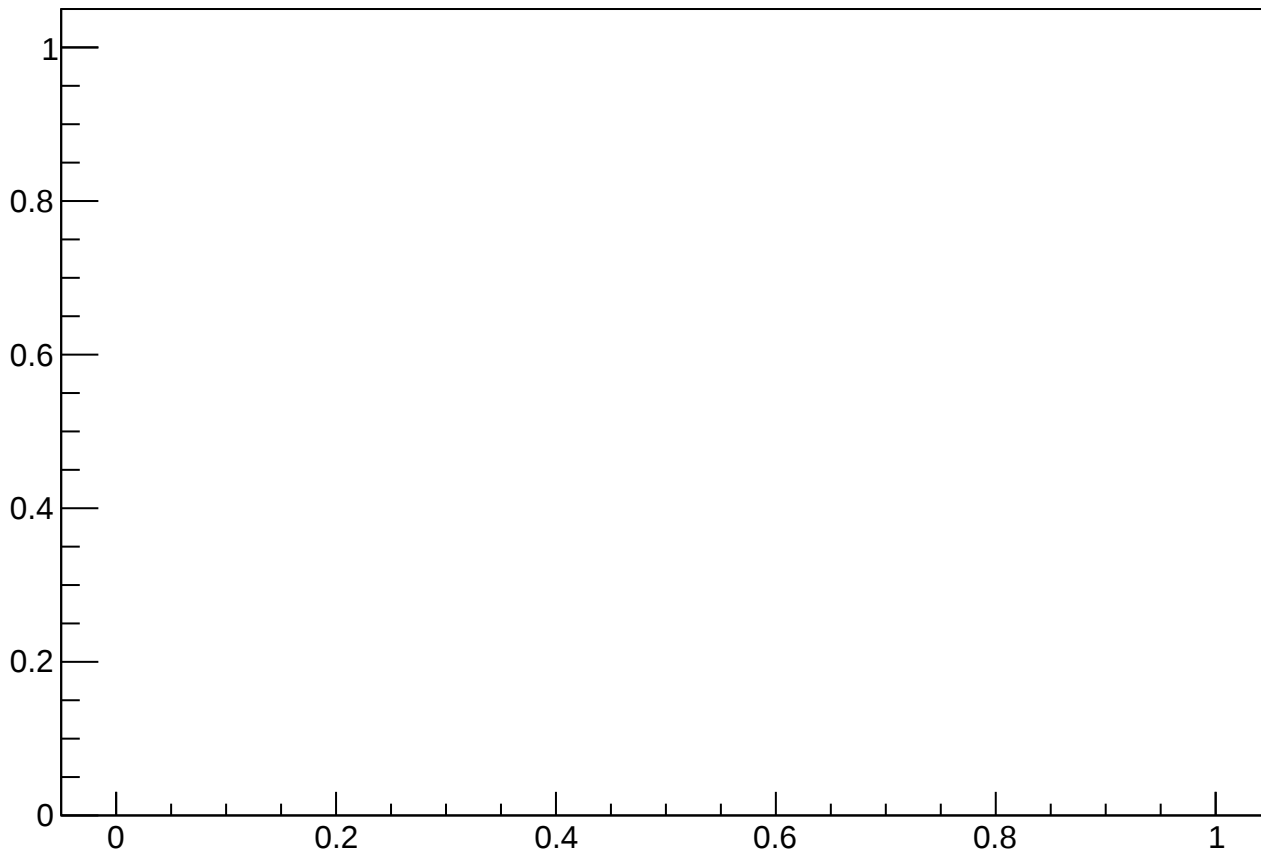
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

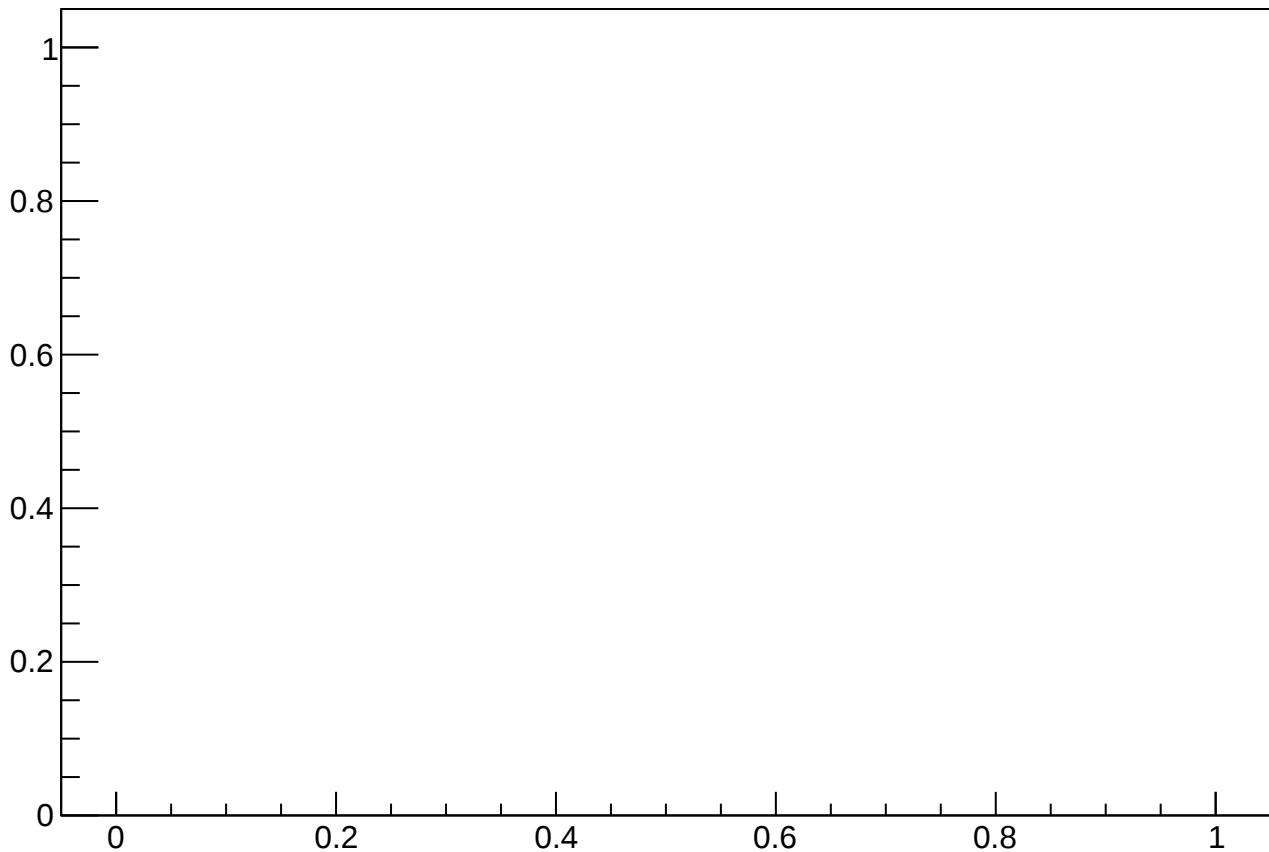
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

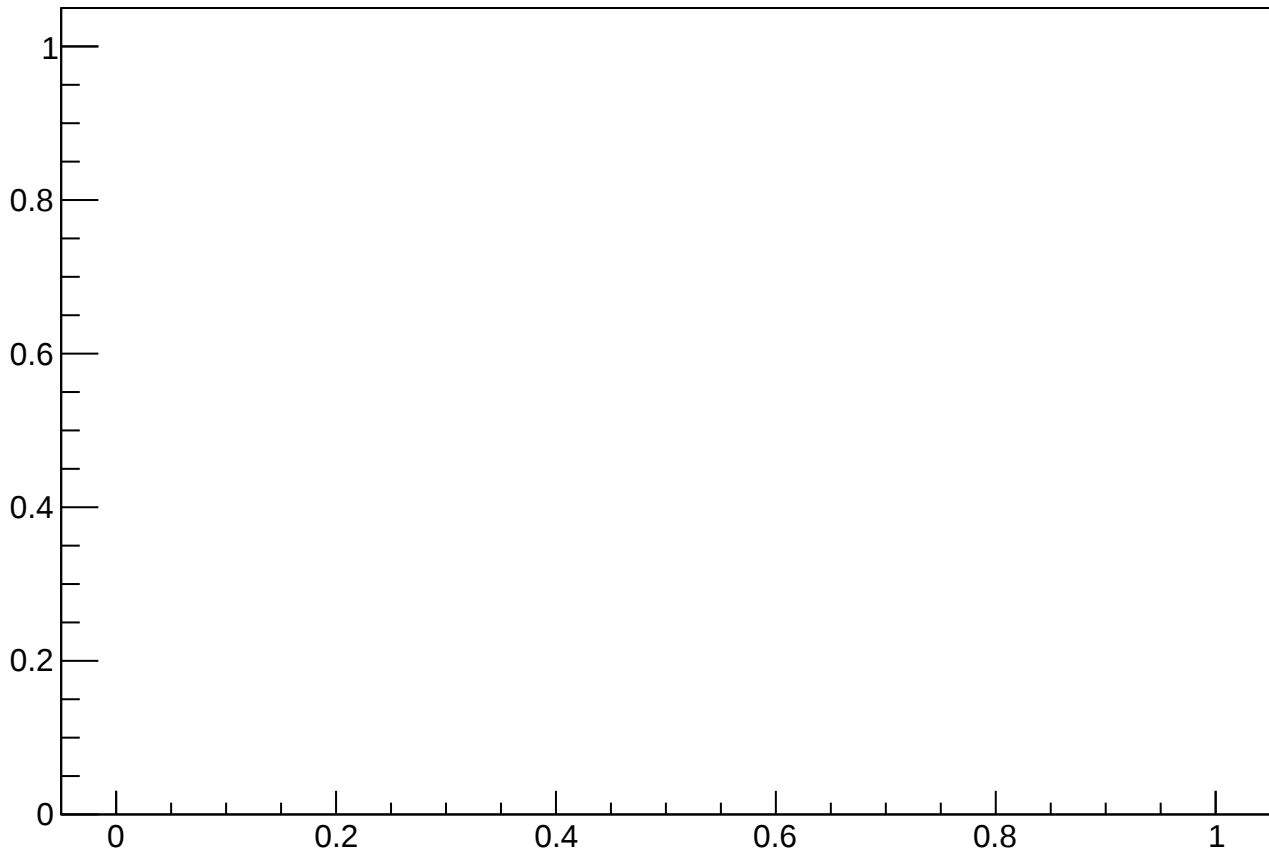
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

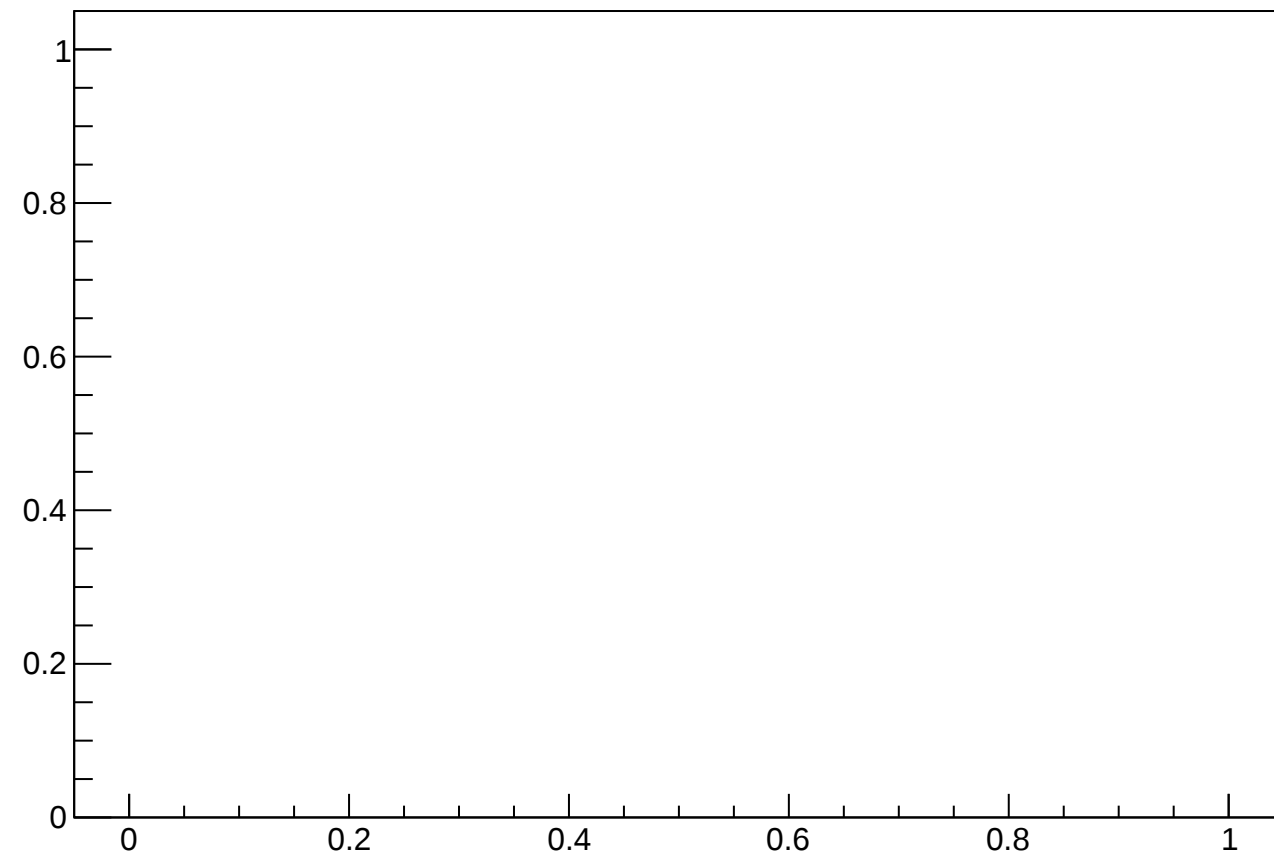
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

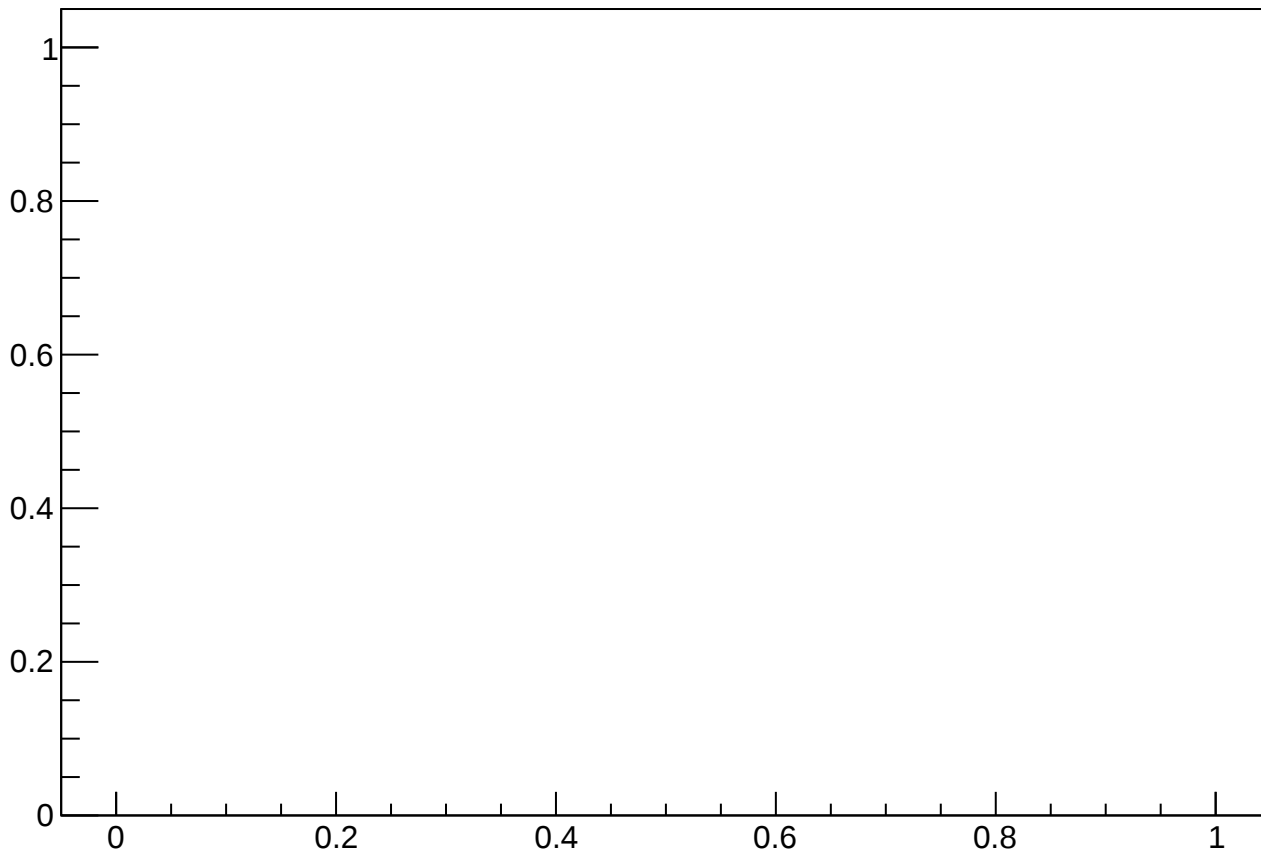
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

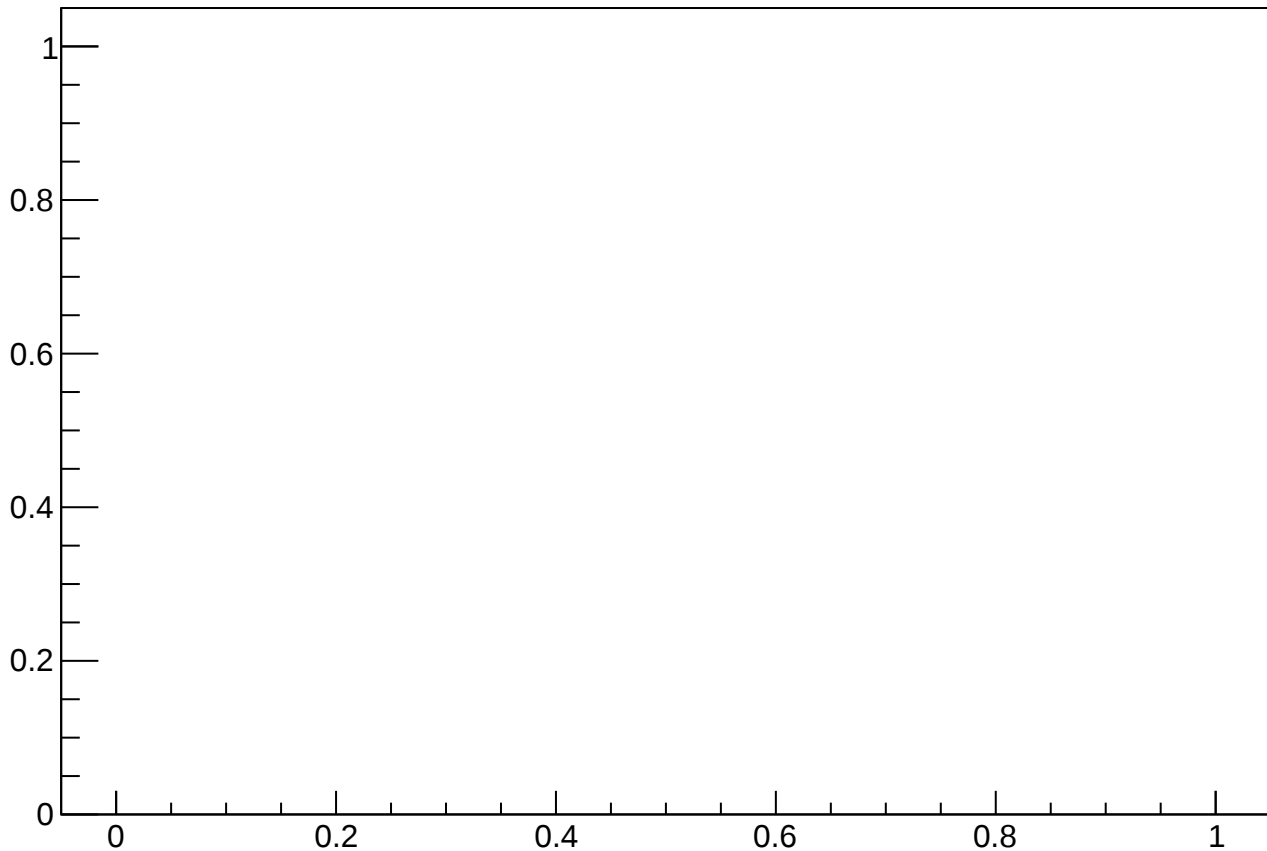
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

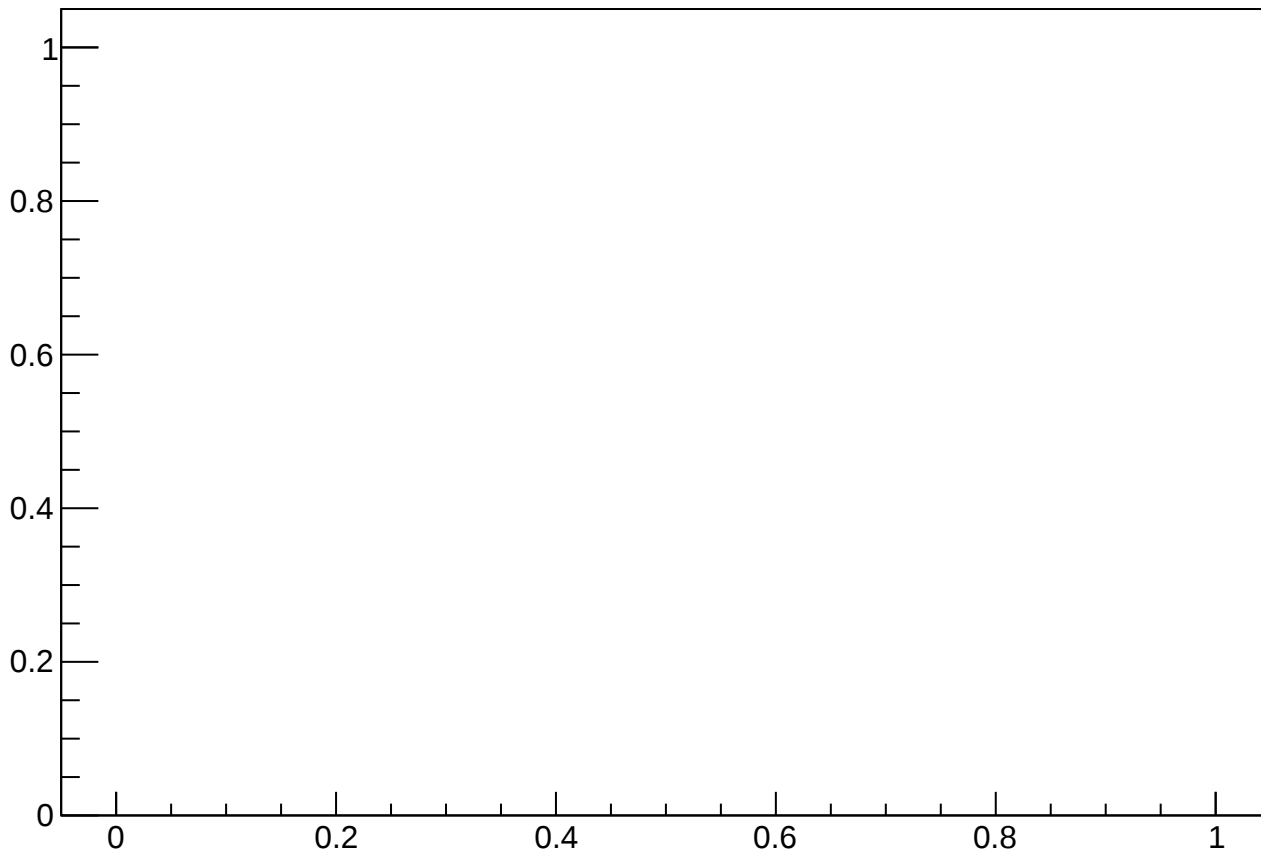
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

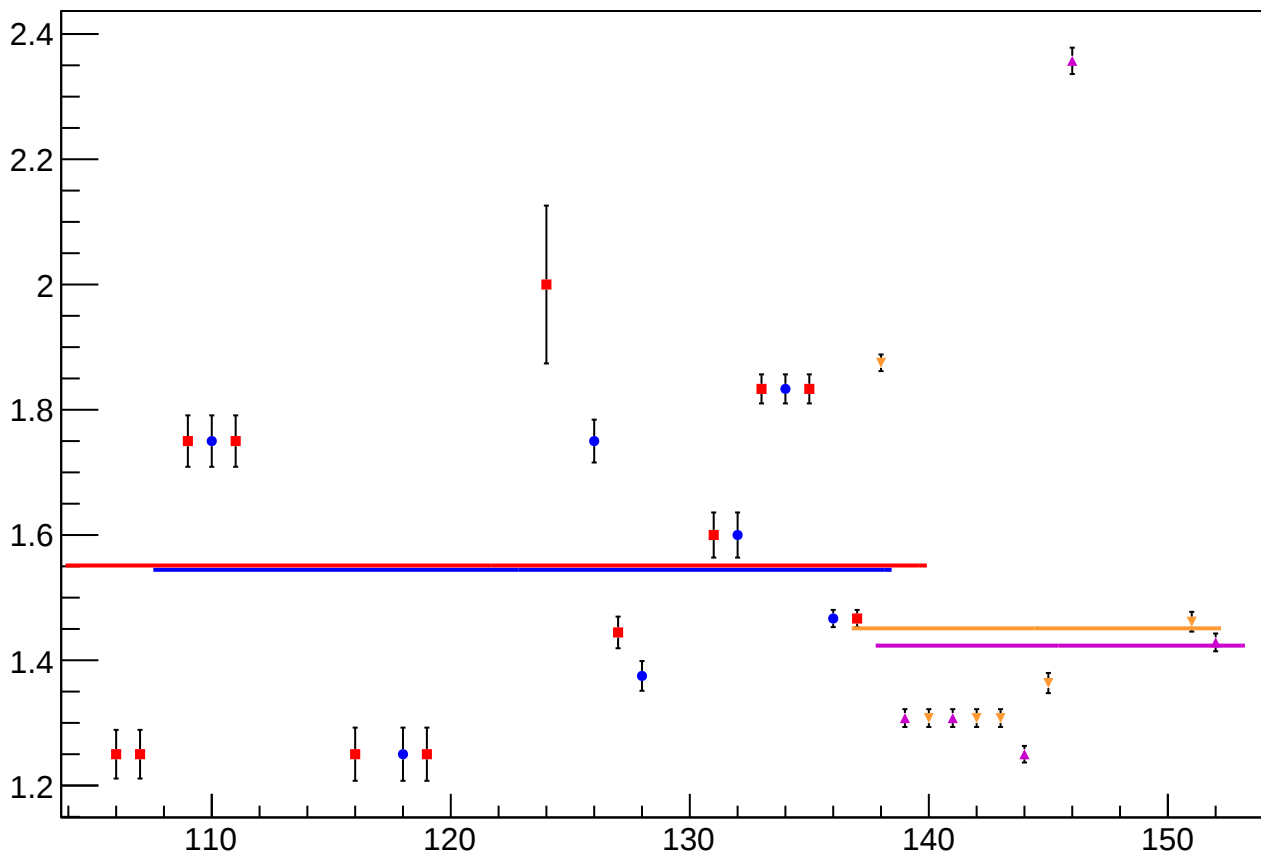
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

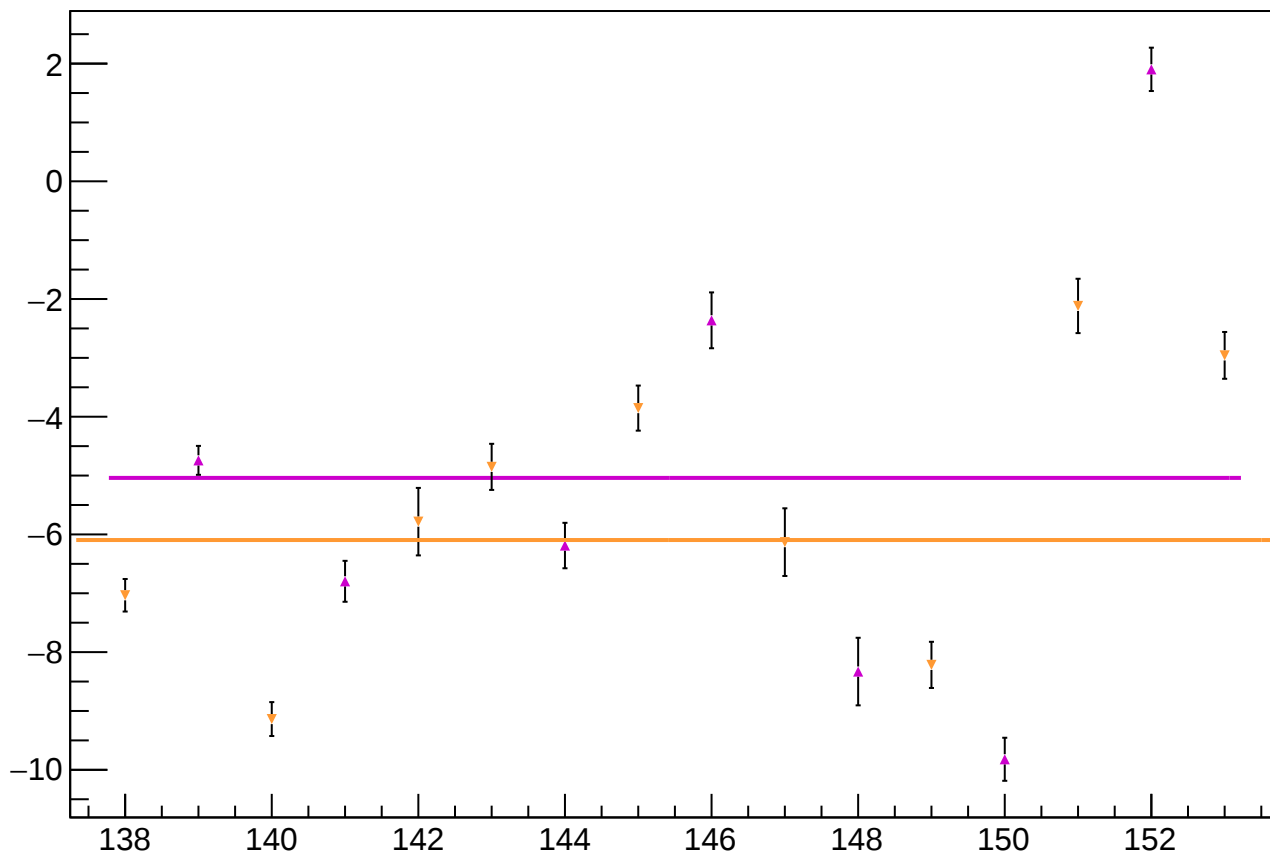
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -6.095 ± 0.127 χ^2/NDF : 333.3/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.040 ± 0.136 χ^2/NDF : 626.6/6

Left: -5.605 ± 0.093 χ^2/NDF : 992.1/15

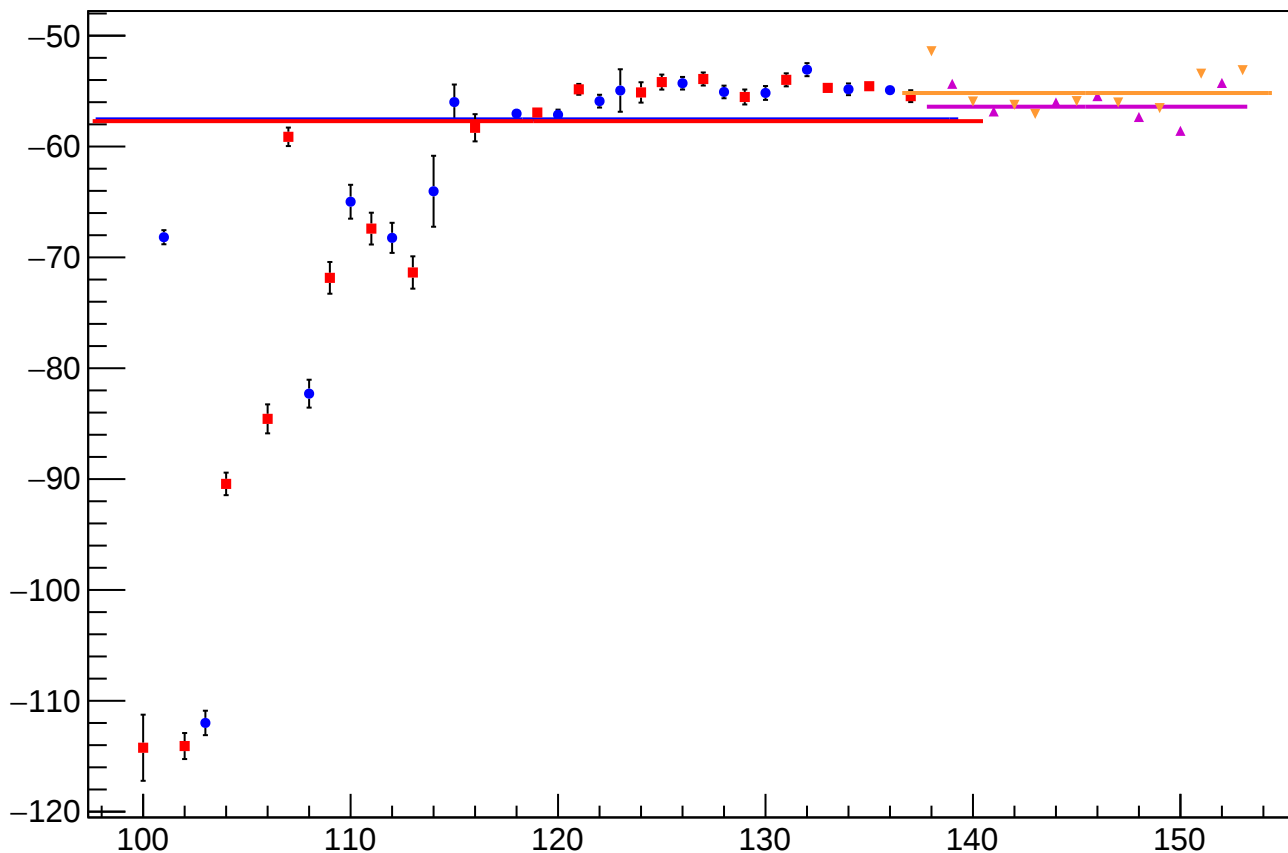
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.040 ± 0.136 χ^2/NDF : 626.6/6

Out: -6.095 ± 0.127 χ^2/NDF : 333.3/8

All: -5.605 ± 0.093 χ^2/NDF : 992.1/15

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.172 ± 0.094 χ^2/NDF : 341.2/8

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -56.407 ± 0.108 χ^2/NDF : 182.4/6

Left: -55.707 ± 0.071 χ^2/NDF : 597.7/15

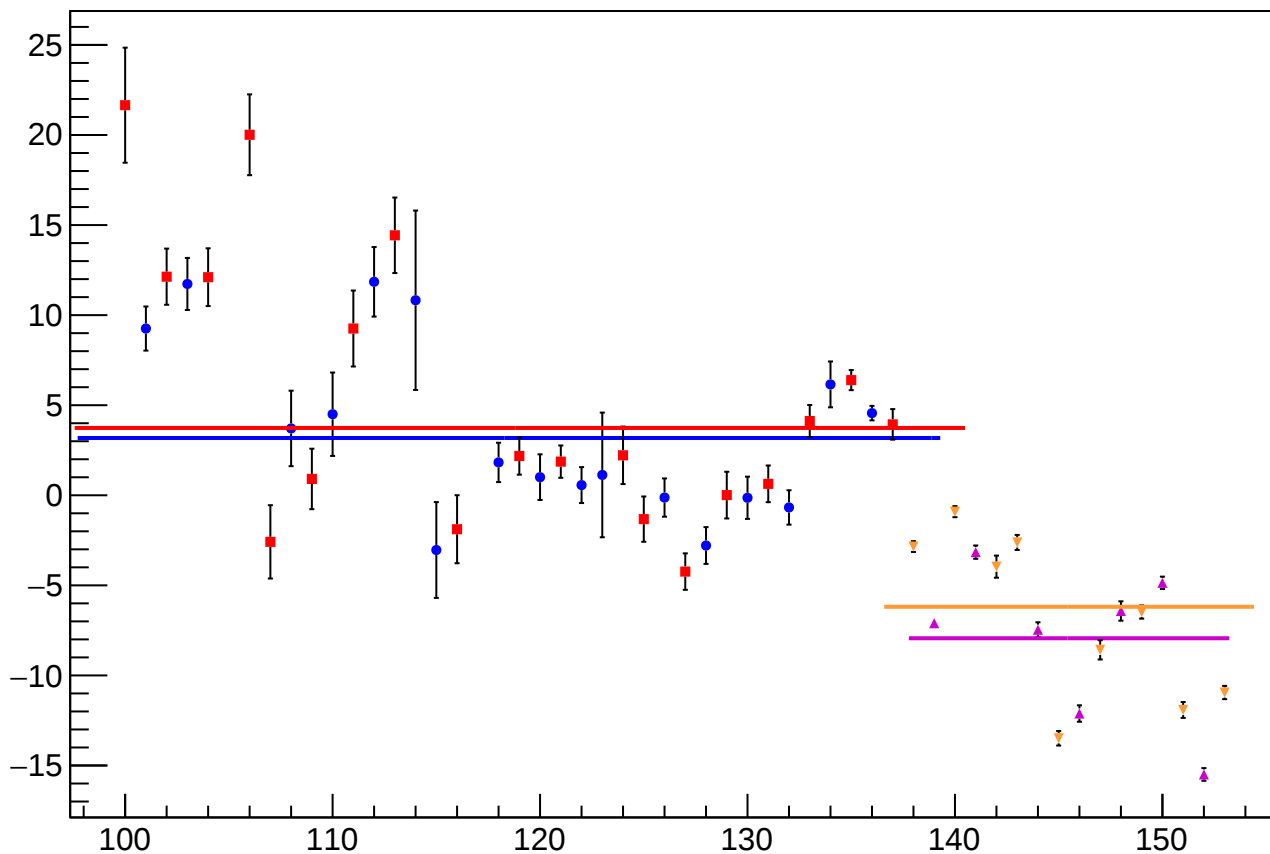
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -56.827 ± 0.086 χ^2/NDF : 3683.9/23

Out: -55.945 ± 0.079 χ^2/NDF : 5264.9/27

All: -56.348 ± 0.058 χ^2/NDF : 9006.1/51

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -6.189 ± 0.130 $\chi^2/\text{NDF}: 1187.5/8$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -7.937 ± 0.138 $\chi^2/\text{NDF}: 811.7/6$

Left: -7.005 ± 0.095 $\chi^2/\text{NDF}: 2084.2/15$

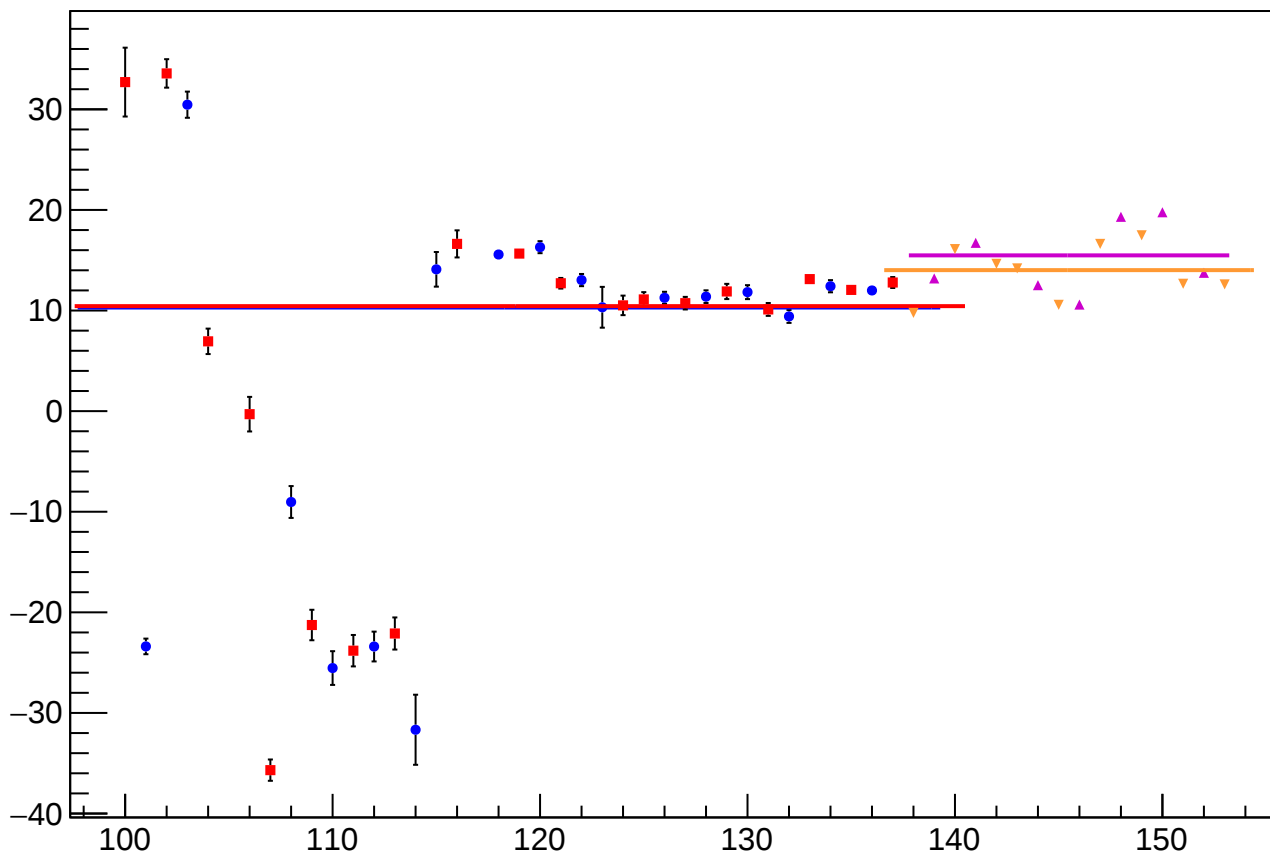
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -5.451 ± 0.122 $\chi^2/\text{NDF}: 2438.8/23$

Out: -4.297 ± 0.117 $\chi^2/\text{NDF}: 2627.8/27$

All: -4.847 ± 0.084 $\chi^2/\text{NDF}: 5113.4/51$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.016+/-0.113 χ^2/NDF : 499.1/8

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.484+/-0.128 χ^2/NDF : 637.7/6

Left: 14.658+/-0.085 χ^2/NDF : 1210.2/15

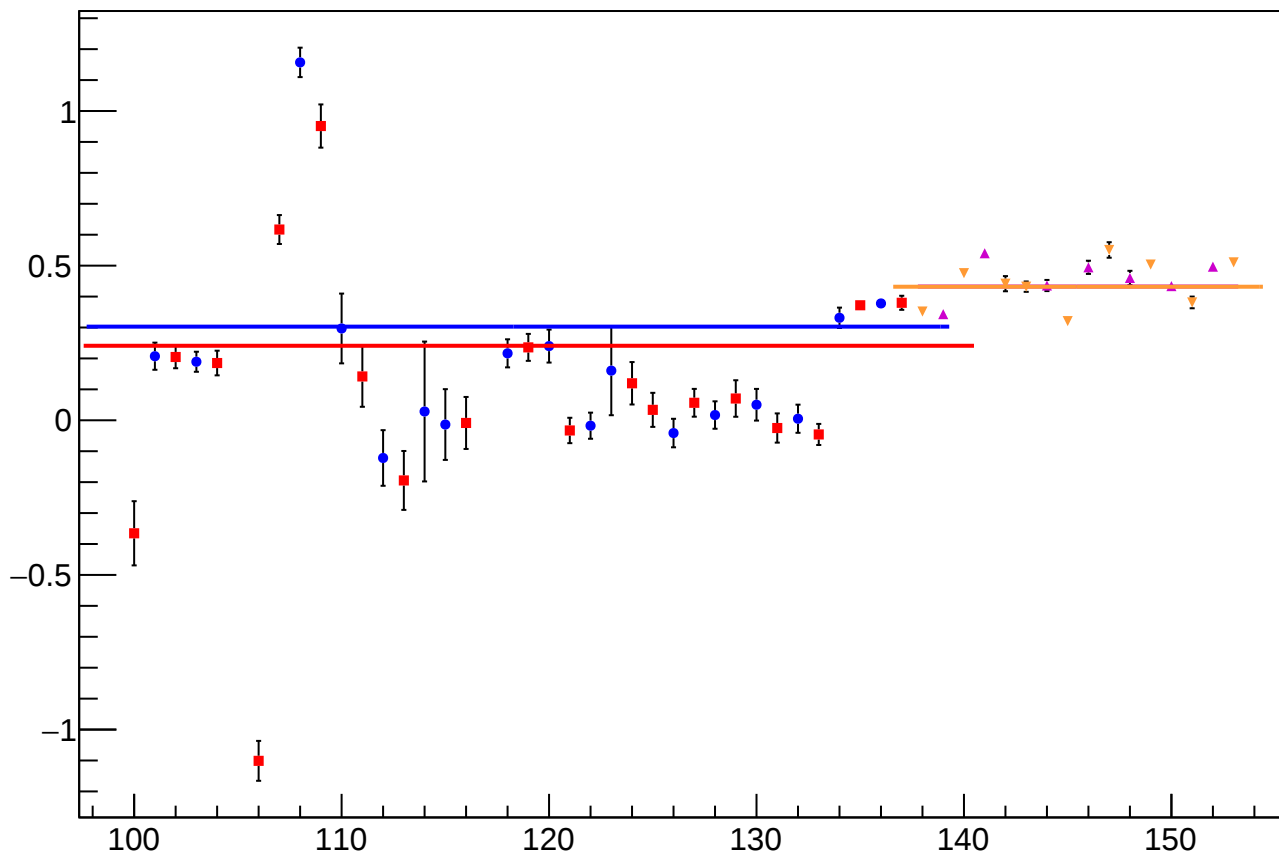
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.406+/-0.099 χ^2/NDF : 4990.3/23

Out: 12.819+/-0.092 χ^2/NDF : 4662.1/27

All: 13.091+/-0.068 χ^2/NDF : 9671.1/51

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:194.4/8

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.432 $\pm$ 0.006 χ^2 /NDF:173.0/6

Left: 0.432 $\pm$ 0.004 χ^2 /NDF: 367.4/15

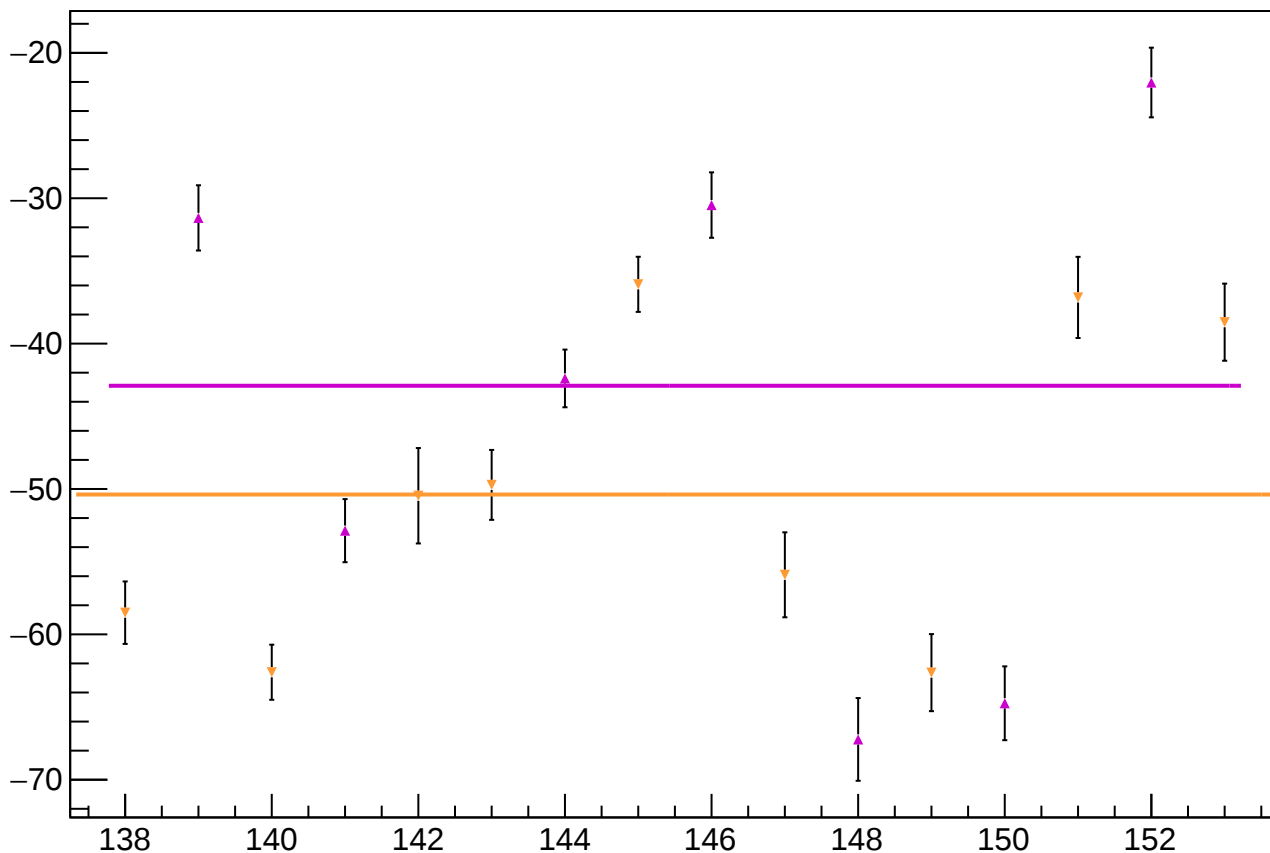
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.392 $\pm$ 0.005 χ^2 /NDF:992.2/23

Out: 0.379 $\pm$ 0.004 χ^2 /NDF:1549.7/27

All: 0.385 $\pm$ 0.003 χ^2 /NDF: 2545.9/51

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.381+/-0.798 χ^2/NDF :182.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.900+/-0.872 χ^2/NDF :300.9/6

Left: -46.970+/-0.589 χ^2/NDF : 523.6/15

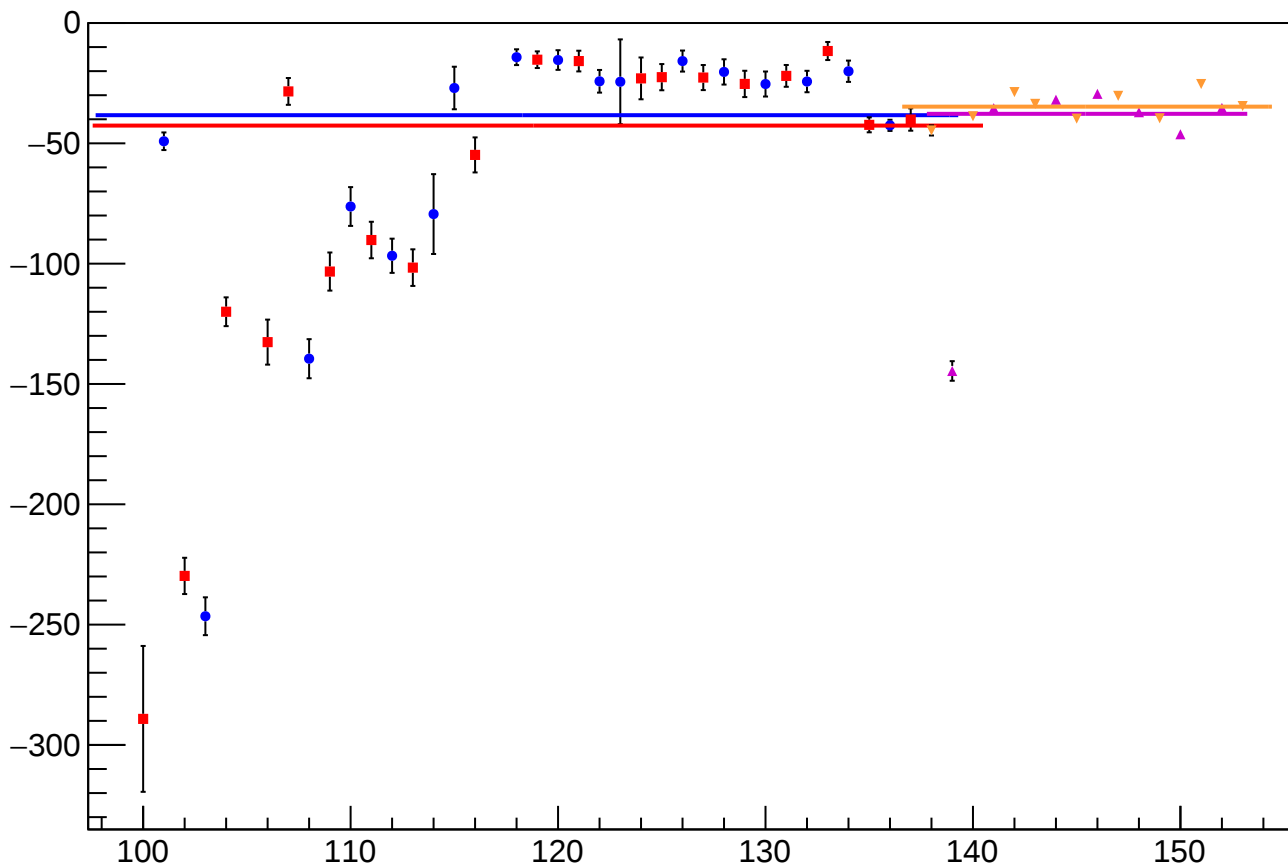
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -50.381+/-0.798 χ^2/NDF :182.7/8

All: -46.970+/-0.589 χ^2/NDF : 523.6/15

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 $\pm$ 1.138 χ^2 /NDF: 1132.8/16

Left Out: -34.751 $\pm$ 0.558 χ^2 /NDF:99.5/8

Right Out: -42.624 $\pm$ 1.209 χ^2 /NDF: 1344.4/18

Left In: -37.740 $\pm$ 0.612 χ^2 /NDF:770.9/6

Left: -36.108 $\pm$ 0.413 χ^2 /NDF: 883.4/15

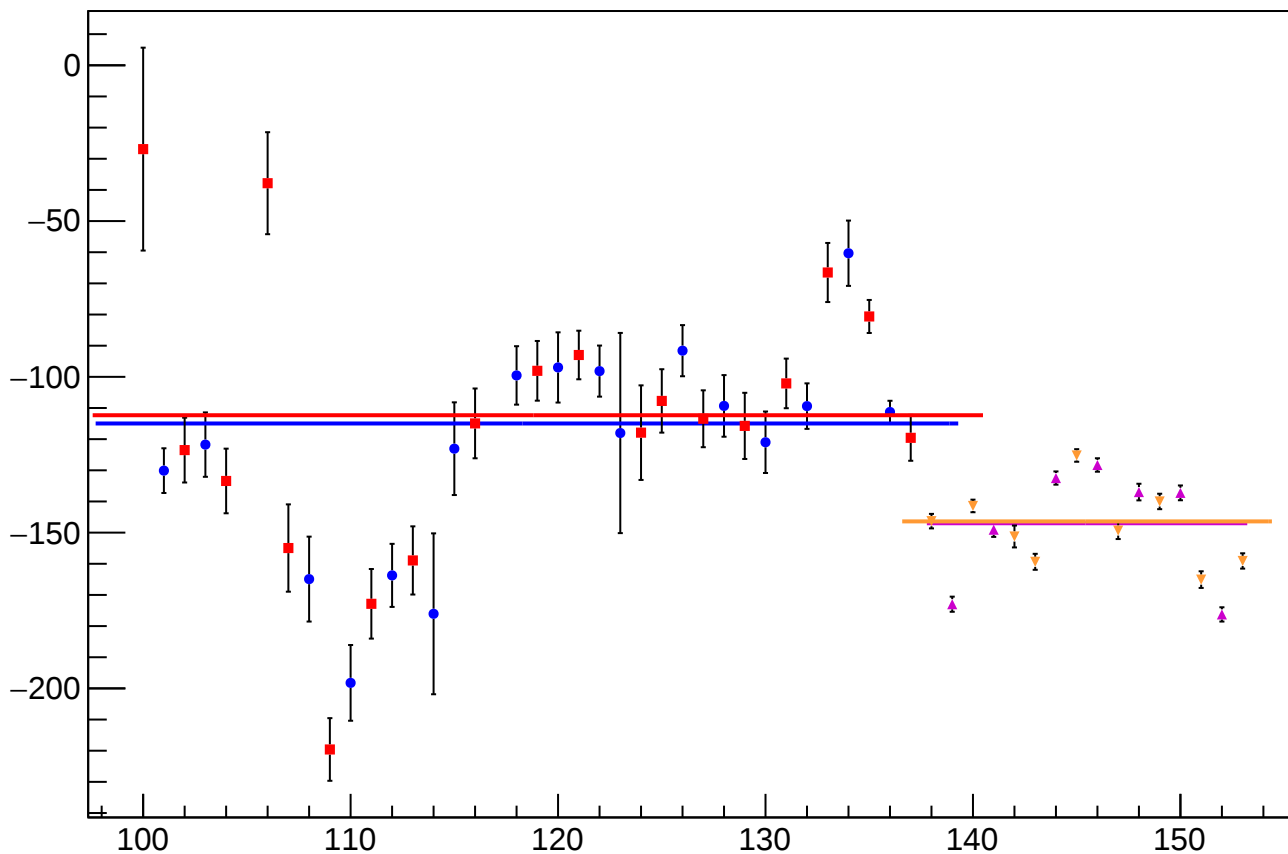
Right: -40.334 $\pm$ 0.829 χ^2 /NDF: 2483.9/35

In: -37.867 $\pm$ 0.539 χ^2 /NDF:1903.9/23

Out: -36.136 $\pm$ 0.507 χ^2 /NDF:1478.9/27

All: -36.948 $\pm$ 0.369 χ^2 /NDF: 3388.2/51

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -146.396 ± 0.814 $\chi^2/\text{NDF}: 226.9/8$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

Left: -146.672 ± 0.596 $\chi^2/\text{NDF}: 658.0/15$

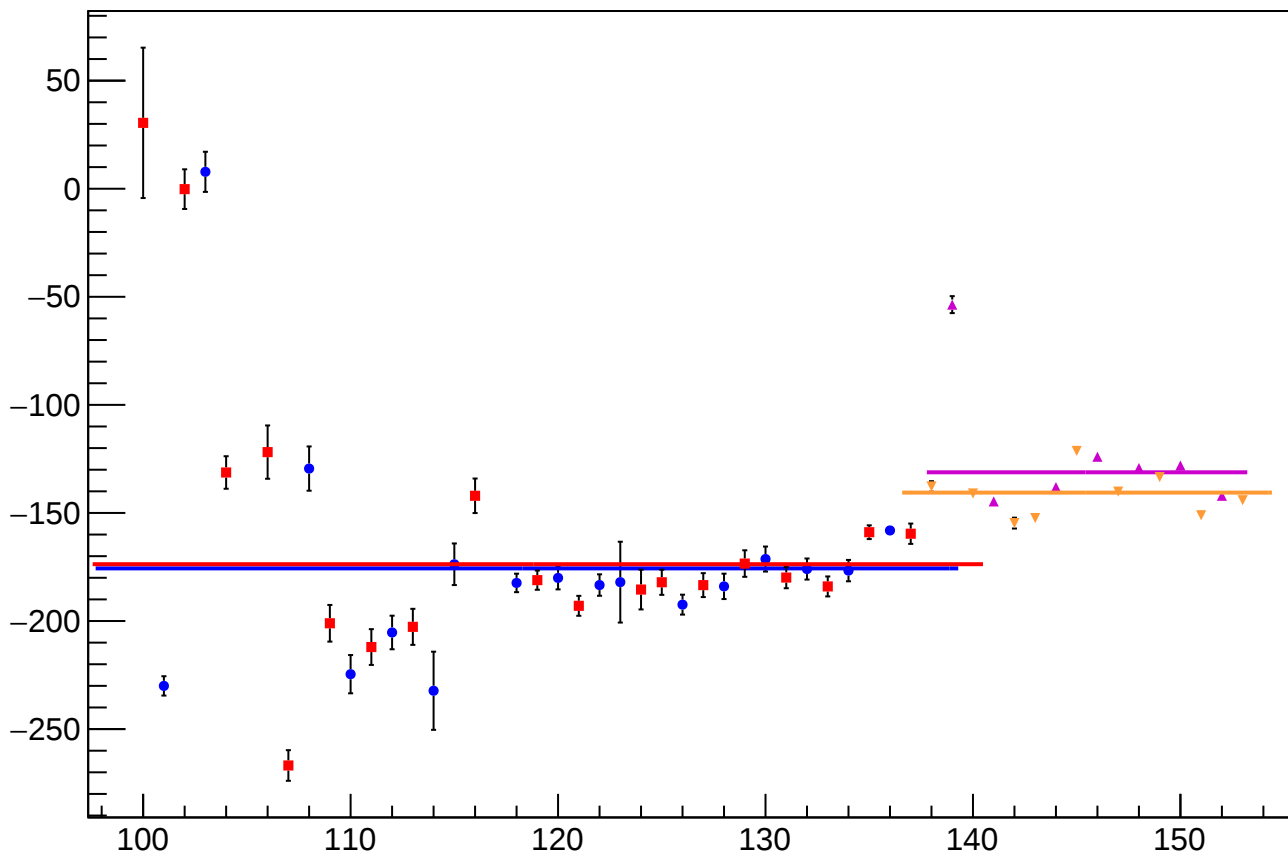
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -142.141 ± 0.807 $\chi^2/\text{NDF}: 774.5/23$

Out: -142.314 ± 0.763 $\chi^2/\text{NDF}: 711.1/27$

All: -142.232 ± 0.555 $\chi^2/\text{NDF}: 1485.6/51$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651+/-1.269 χ^2/NDF : 692.1/16

Left Out: -140.588+/-0.681 χ^2/NDF :227.4/8

Right Out: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -131.193+/-0.750 χ^2/NDF :507.2/6

Left: -136.342+/-0.504 χ^2/NDF : 820.7/15

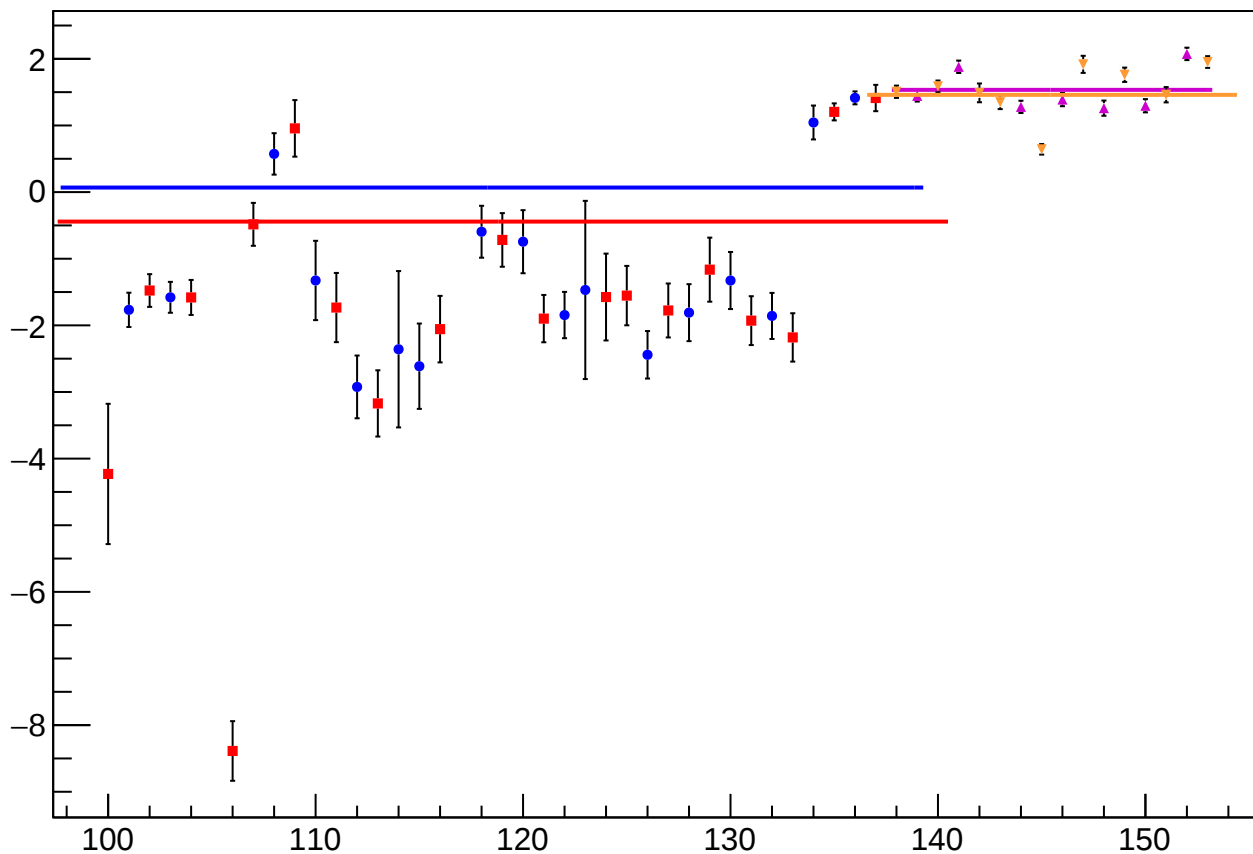
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -142.695+/-0.646 χ^2/NDF :2109.0/23

Out: -147.272+/-0.608 χ^2/NDF :1443.1/27

All: -145.119+/-0.443 χ^2/NDF : 3578.7/51

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.459 ± 0.033 $\chi^2/\text{NDF}: 162.3/8$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.535 ± 0.036 $\chi^2/\text{NDF}: 69.7/6$

Left: 1.494 ± 0.025 $\chi^2/\text{NDF}: 234.3/15$

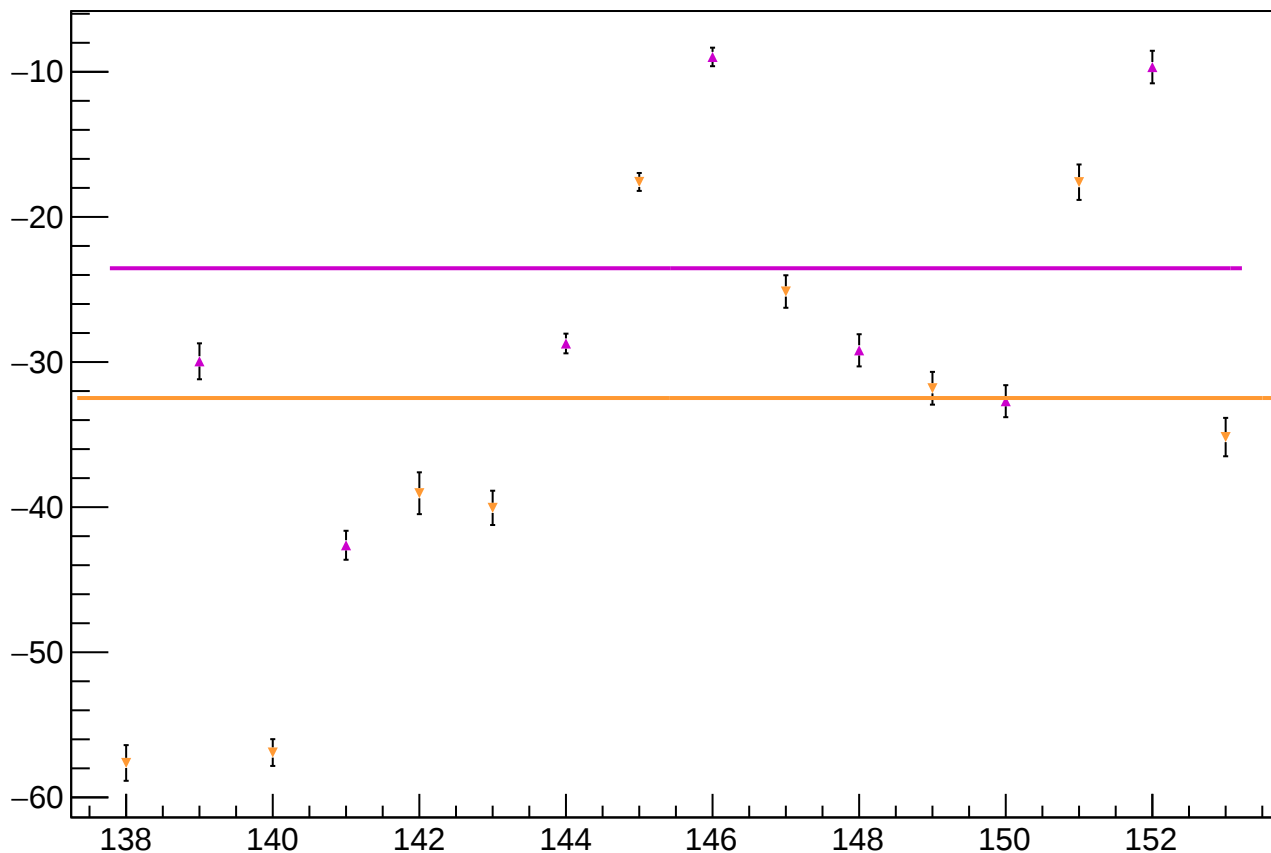
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.202 ± 0.032 $\chi^2/\text{NDF}: 965.8/23$

Out: 1.117 ± 0.030 $\chi^2/\text{NDF}: 1505.4/27$

All: 1.157 ± 0.022 $\chi^2/\text{NDF}: 2474.9/51$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.480+/-0.343 χ^2/NDF :1959.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.536+/-0.339 χ^2/NDF :1219.0/6

Left: -27.948+/-0.241 χ^2/NDF : 3522.2/15

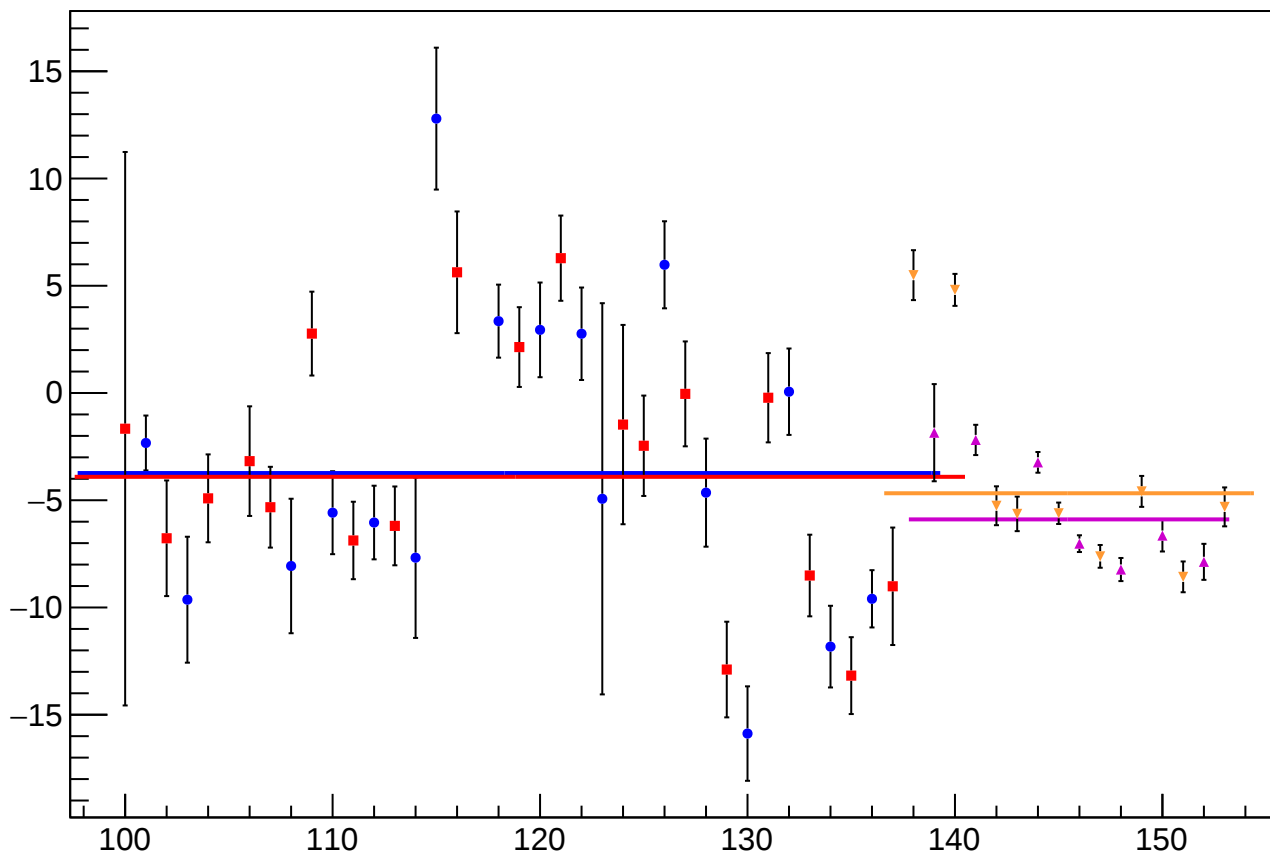
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.536+/-0.339 χ^2/NDF :1219.0/6

Out: -32.480+/-0.343 χ^2/NDF :1959.4/8

All: -27.948+/-0.241 χ^2/NDF : 3522.2/15

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.674 ± 0.236 χ^2/NDF : 304.3/8

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.893 ± 0.225 χ^2/NDF : 94.9/6

Left: -5.313 ± 0.163 χ^2/NDF : 413.1/15

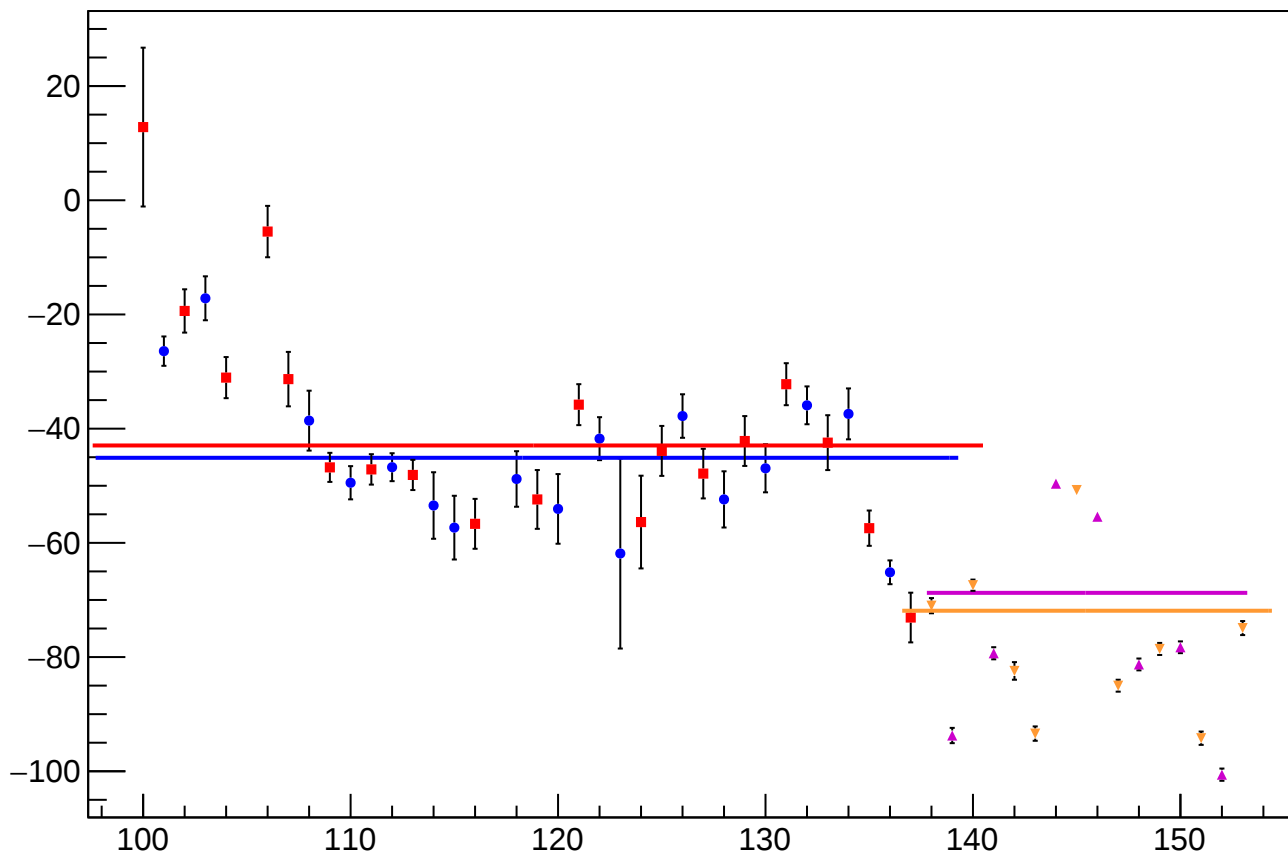
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.524 ± 0.205 χ^2/NDF : 276.5/23

Out: -4.538 ± 0.214 χ^2/NDF : 430.9/27

All: -5.052 ± 0.148 χ^2/NDF : 718.5/51

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.886 ± 0.350 χ^2/NDF : 1967.7/8

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

Left: -70.269 ± 0.243 χ^2/NDF : 4733.9/15

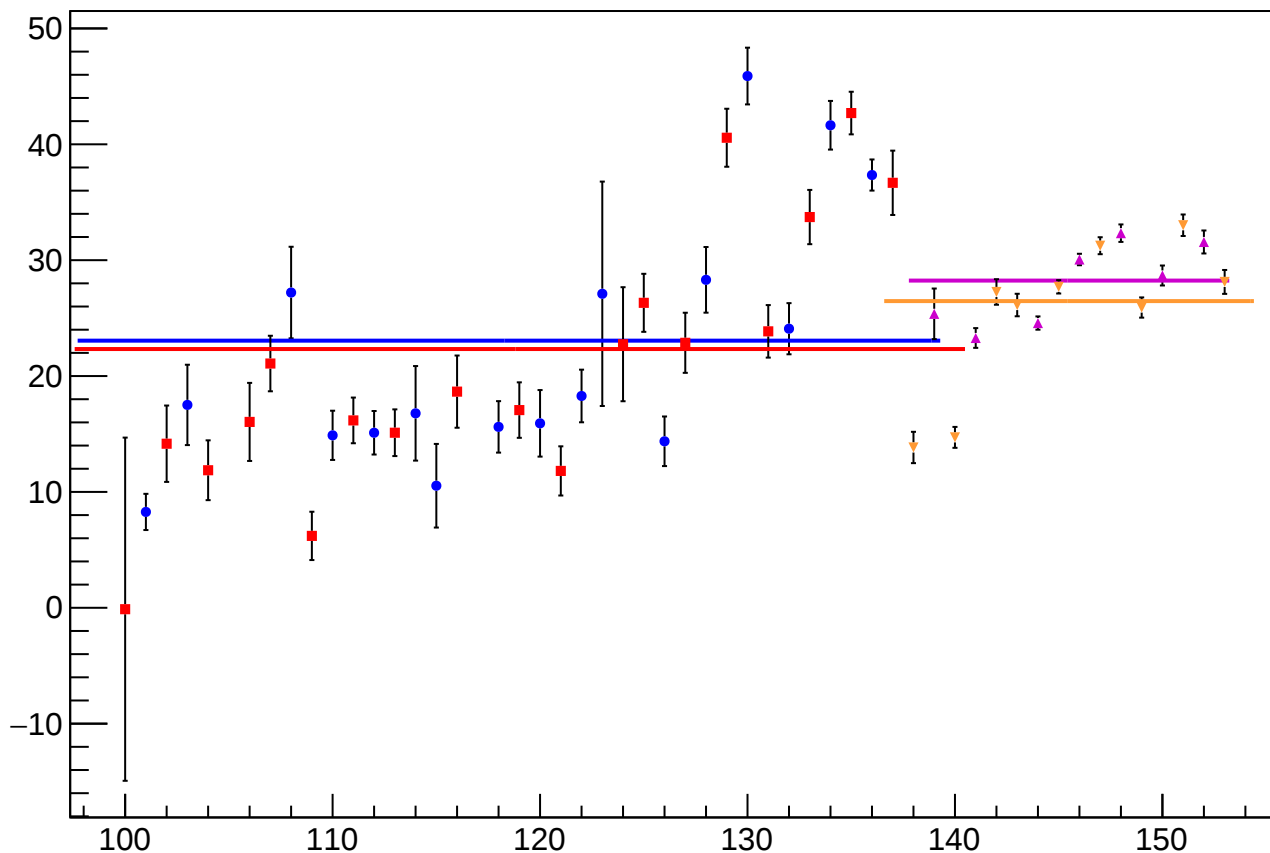
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -65.722 ± 0.316 χ^2/NDF : 3581.4/23

Out: -67.922 ± 0.325 χ^2/NDF : 3155.7/27

All: -66.792 ± 0.226 χ^2/NDF : 6760.7/51

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 26.469 ± 0.289 $\chi^2/\text{NDF}: 357.6/8$

Right Out: 22.331 ± 0.572 $\chi^2/\text{NDF}: 371.1/18$

Left In: 28.239 ± 0.279 $\chi^2/\text{NDF}: 131.0/6$

Left: 27.386 ± 0.201 $\chi^2/\text{NDF}: 508.0/15$

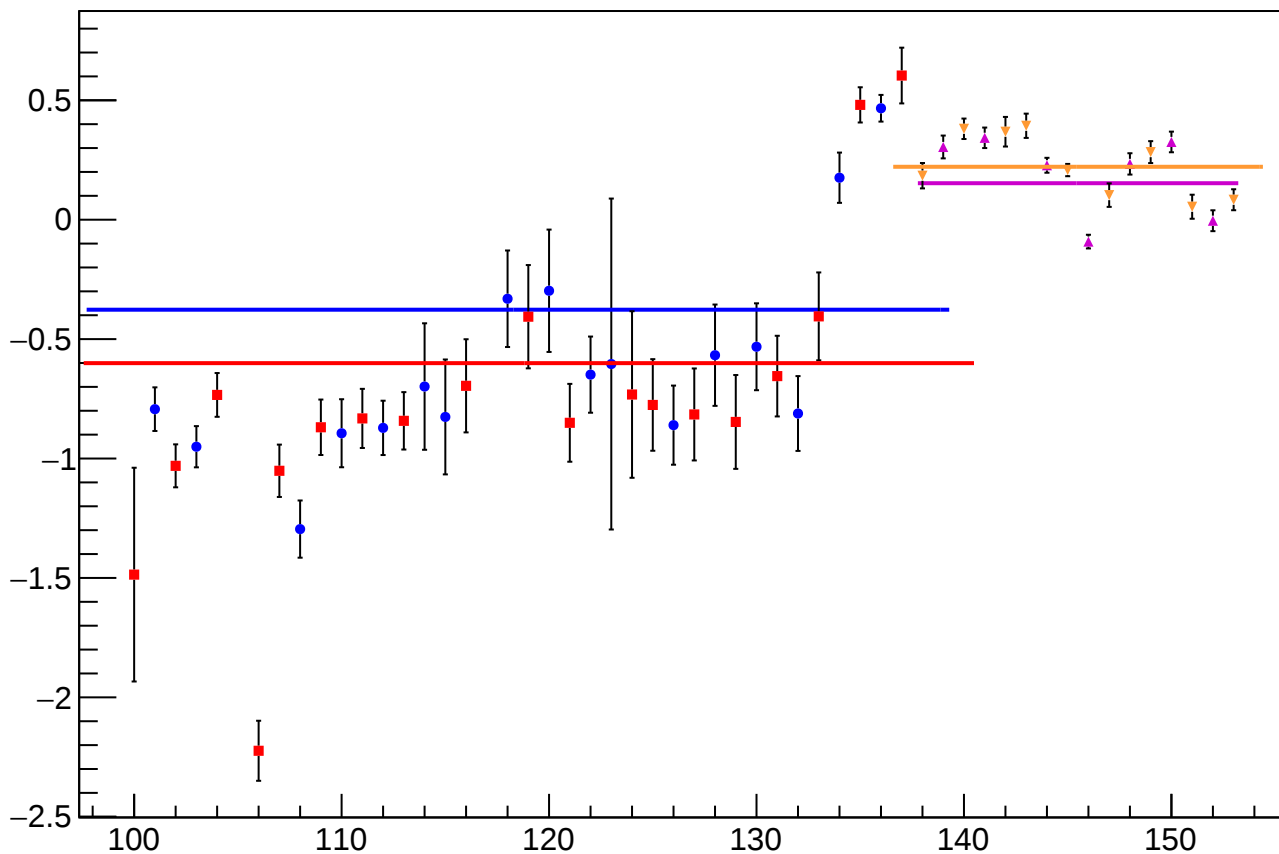
Right: 22.703 ± 0.399 $\chi^2/\text{NDF}: 833.0/35$

In: 27.199 ± 0.250 $\chi^2/\text{NDF}: 661.3/23$

Out: 25.627 ± 0.258 $\chi^2/\text{NDF}: 770.3/27$

All: 26.440 ± 0.179 $\chi^2/\text{NDF}: 1450.8/51$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.222 ± 0.014 χ^2/NDF : 60.1/8

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.153 ± 0.014 χ^2/NDF : 140.5/6

Left: 0.187 ± 0.010 χ^2/NDF : 212.0/15

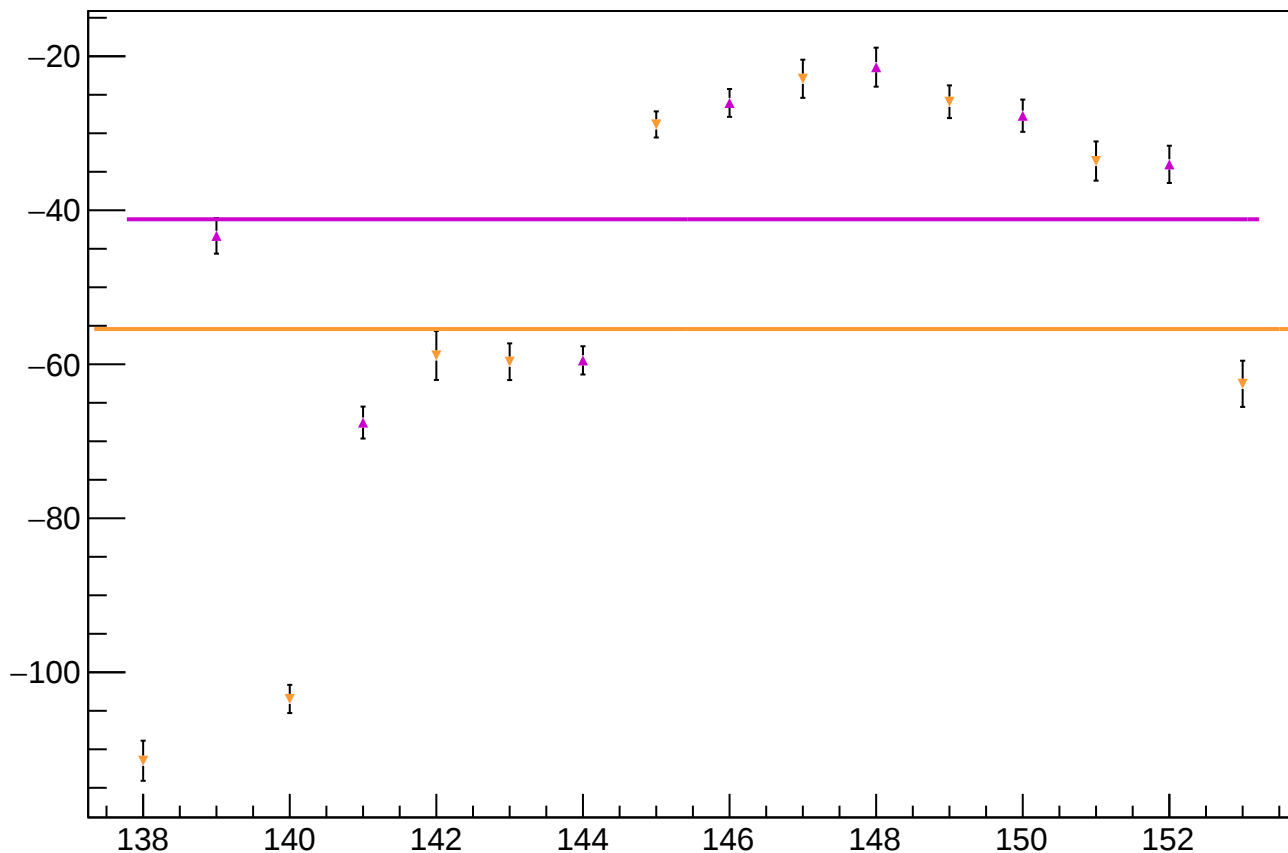
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.054 ± 0.013 χ^2/NDF : 829.4/23

Out: 0.070 ± 0.013 χ^2/NDF : 1220.9/27

All: 0.062 ± 0.009 χ^2/NDF : 2051.1/51

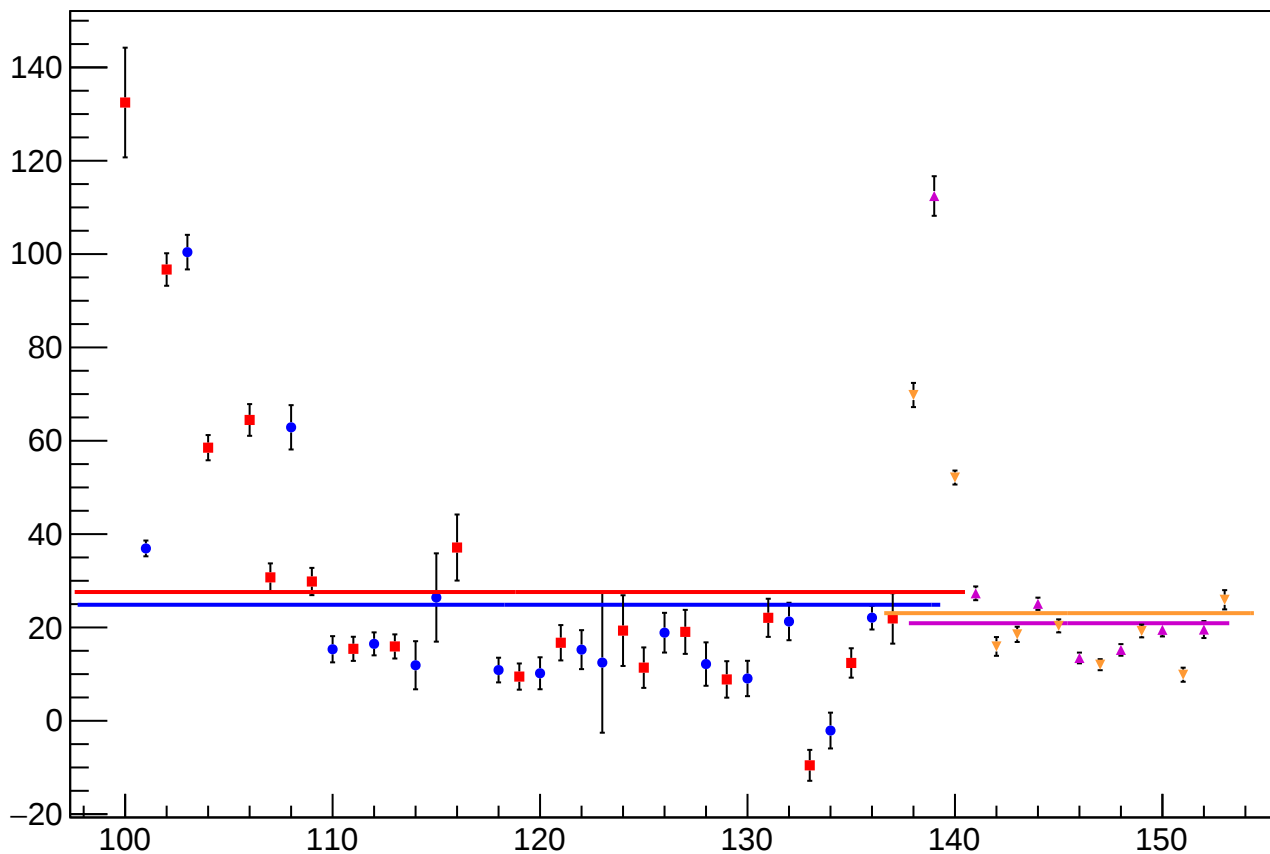
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.171+/-0.796 χ^2/NDF :442.9/6

Left: -48.603+/-0.551 χ^2/NDF : 2454.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -41.171+/-0.796 χ^2/NDF :442.9/6
 Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 All: -48.603+/-0.551 χ^2/NDF : 2454.8/15

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.065 $\pm$ 0.524 χ^2 /NDF: 897.6/8

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 20.908 $\pm$ 0.551 χ^2 /NDF: 559.0/6

Left: 22.041 $\pm$ 0.379 χ^2 /NDF: 1464.7/15

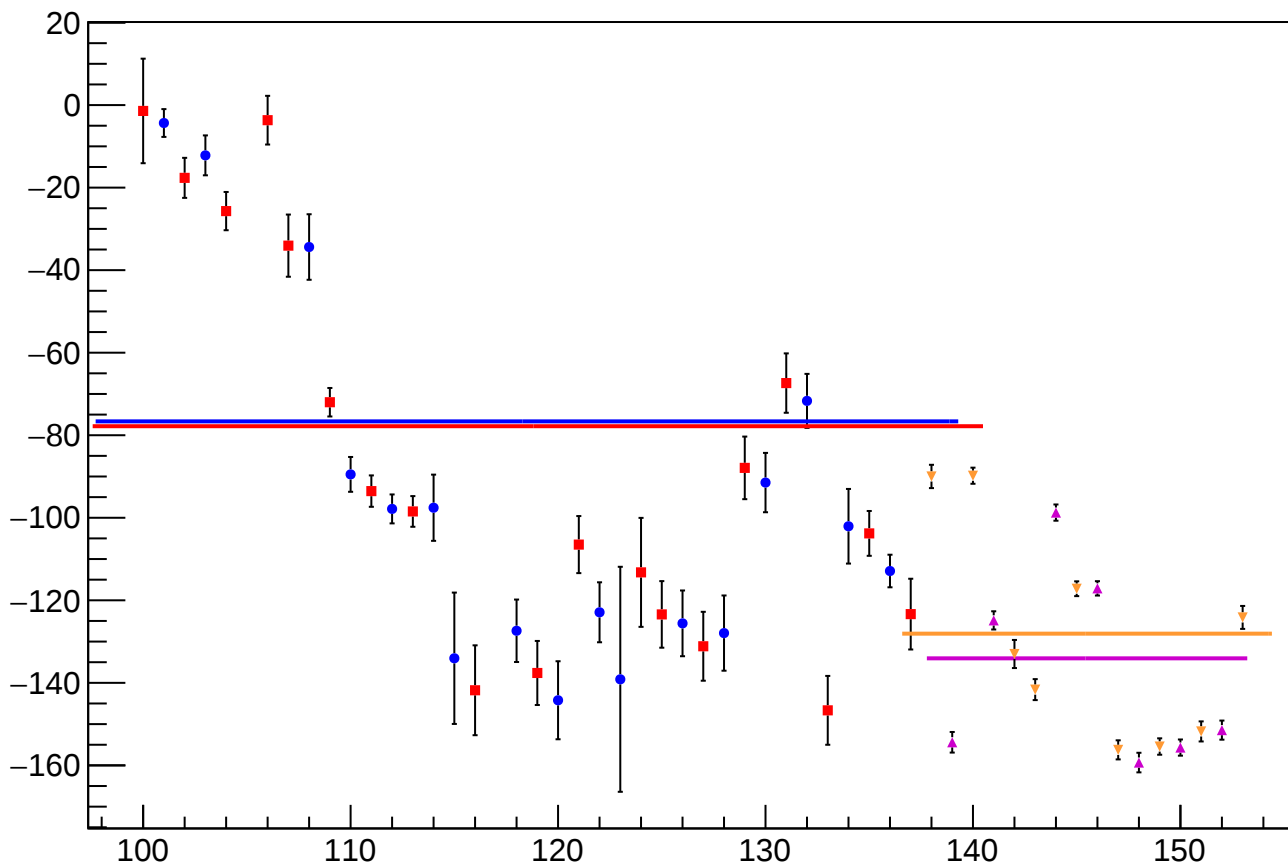
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.175 $\pm$ 0.454 χ^2 /NDF: 1266.6/23

Out: 24.400 $\pm$ 0.440 χ^2 /NDF: 1930.6/27

All: 23.323 $\pm$ 0.316 χ^2 /NDF: 3209.6/51

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -128.081 ± 0.772 $\chi^2/\text{NDF}: 1068.5/8$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -134.064 ± 0.796 $\chi^2/\text{NDF}: 792.8/6$

Left: -130.981 ± 0.554 $\chi^2/\text{NDF}: 1890.3/15$

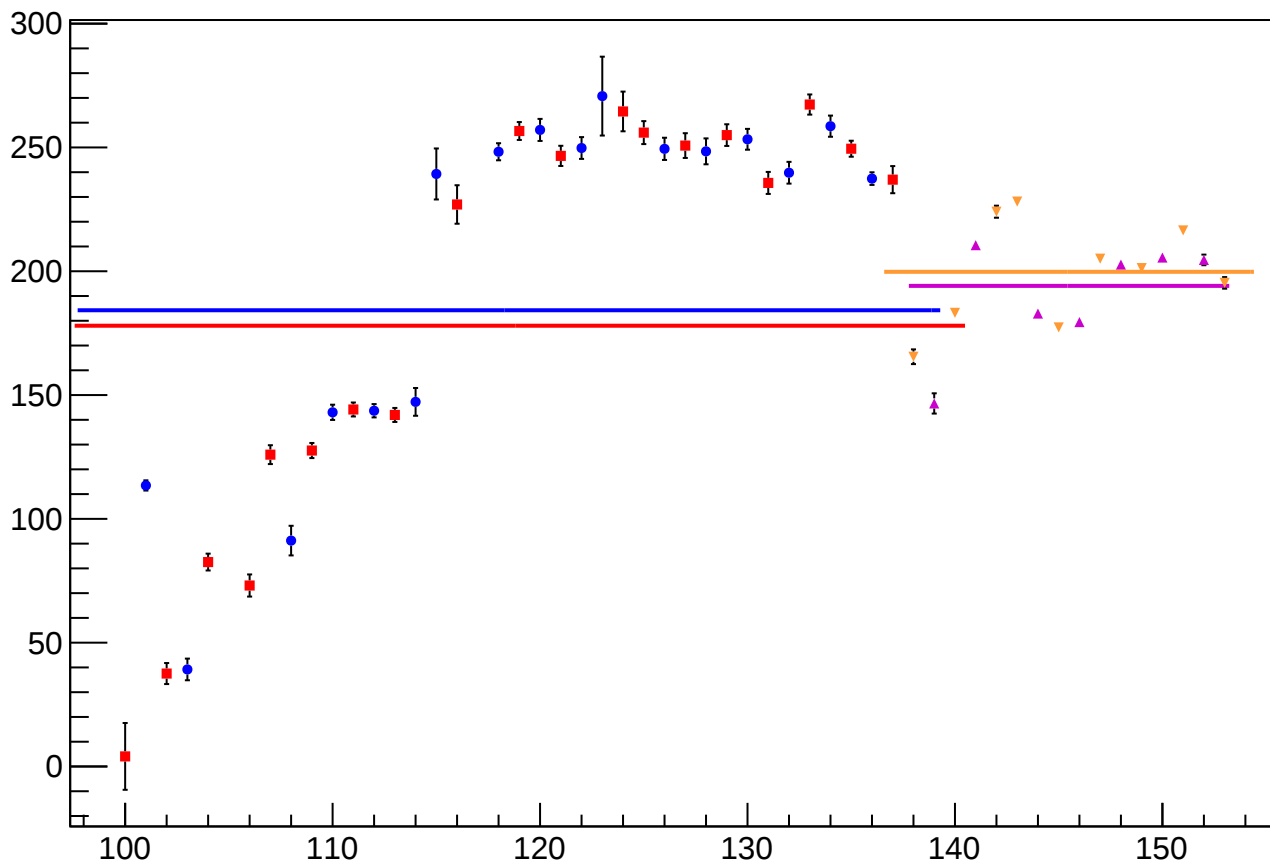
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -120.267 ± 0.693 $\chi^2/\text{NDF}: 3085.0/23$

Out: -115.729 ± 0.670 $\chi^2/\text{NDF}: 2984.1/27$

All: -117.921 ± 0.482 $\chi^2/\text{NDF}: 6091.3/51$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.775 $\pm$ 0.641 χ^2 /NDF: 810.1/8

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 194.092 $\pm$ 0.674 χ^2 /NDF: 473.5/6

Left: 197.074 $\pm$ 0.465 χ^2 /NDF: 1320.9/15

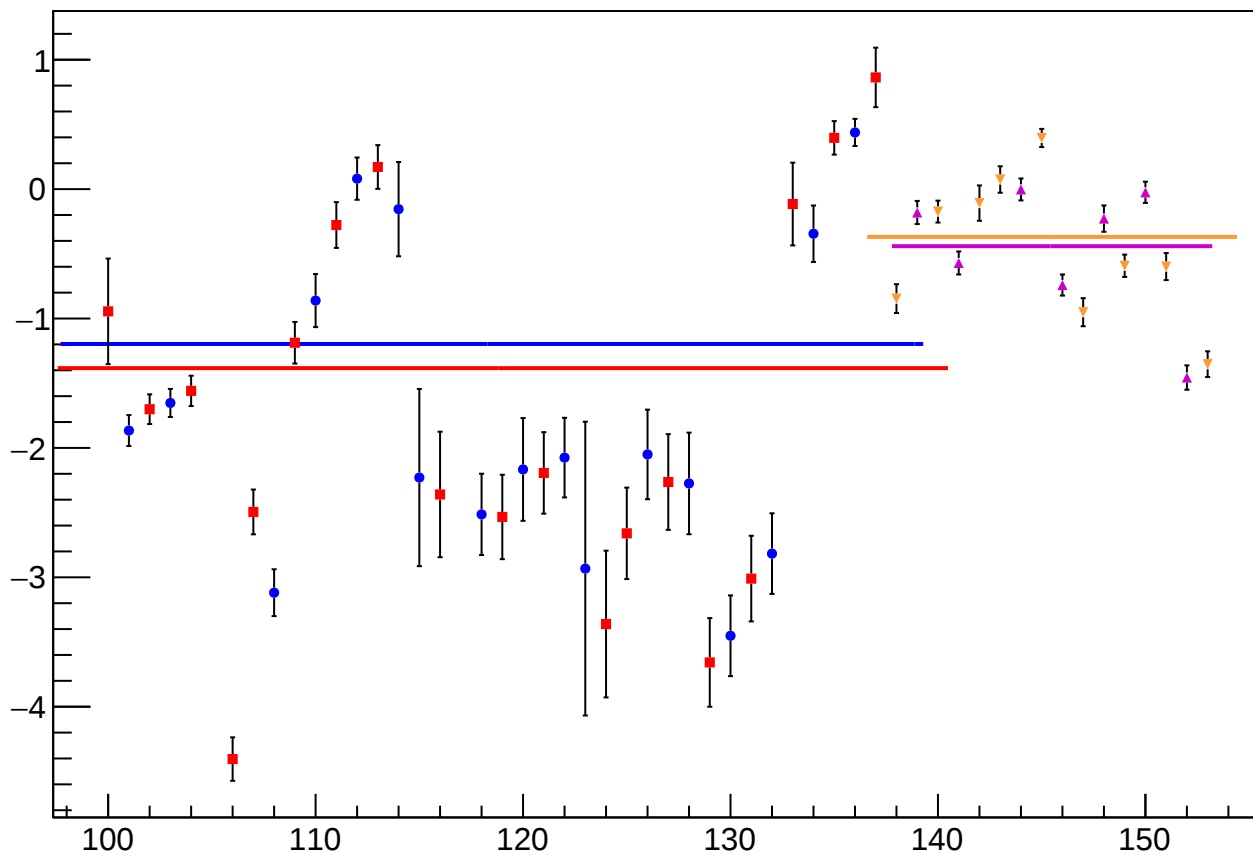
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 190.631 $\pm$ 0.543 χ^2 /NDF: 5937.2/23

Out: 192.691 $\pm$ 0.527 χ^2 /NDF: 7523.0/27

All: 191.692 $\pm$ 0.378 χ^2 /NDF: 13467.6/51

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.369 $\pm$ 0.032 χ^2/NDF :302.5/8

Right Out: -1.383 $\pm$ 0.046 χ^2/NDF : 923.4/18

Left In: -0.441 $\pm$ 0.033 χ^2/NDF :197.4/6

Left: -0.404 $\pm$ 0.023 χ^2/NDF : 502.3/15

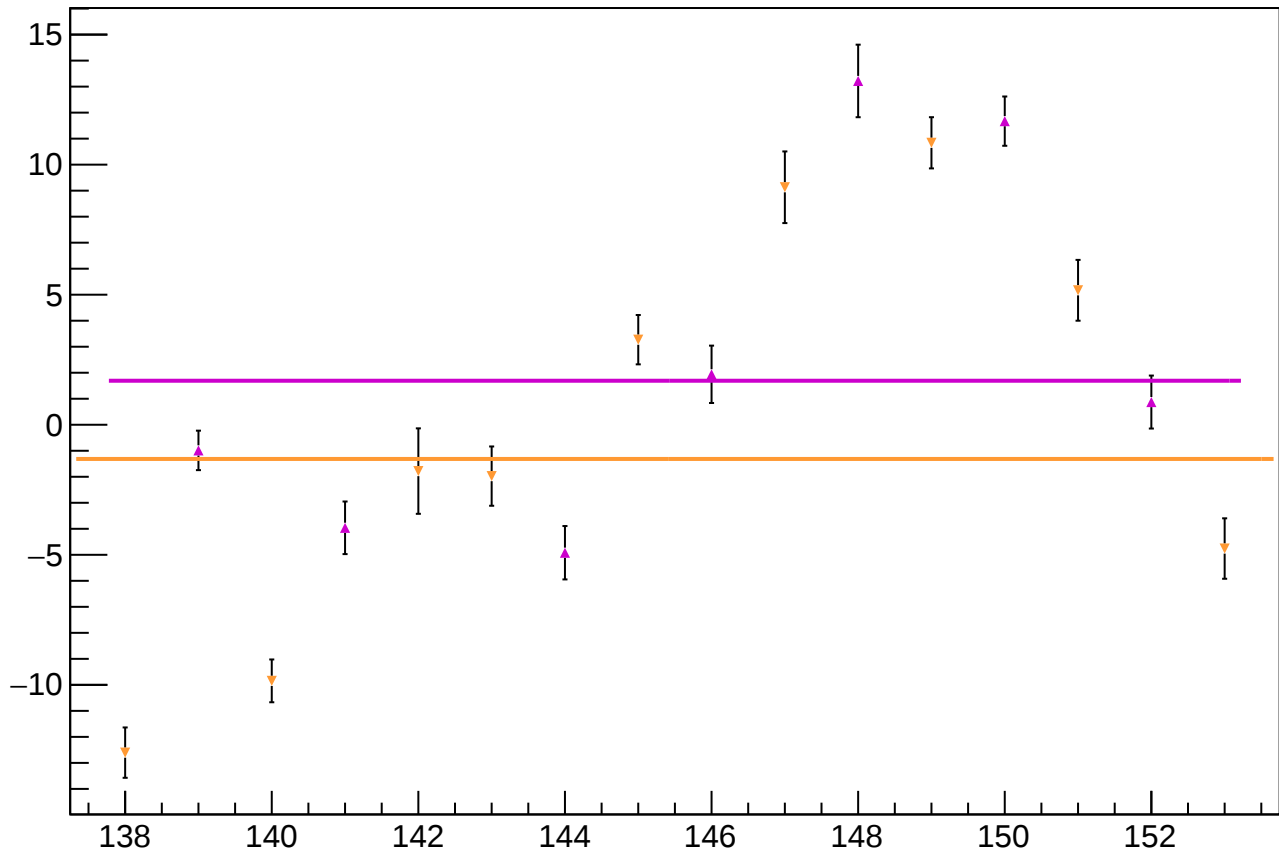
Right: -1.295 $\pm$ 0.033 χ^2/NDF : 1552.8/35

In: -0.686 $\pm$ 0.027 χ^2/NDF :985.5/23

Out: -0.701 $\pm$ 0.026 χ^2/NDF :1556.3/27

All: -0.694 $\pm$ 0.019 χ^2/NDF : 2542.0/51

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1.315 $\pm$ 0.357 χ^2 /NDF:517.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.692 $\pm$ 0.376 χ^2 /NDF:265.3/6

Left: 0.113 $\pm$ 0.259 χ^2 /NDF: 815.9/15

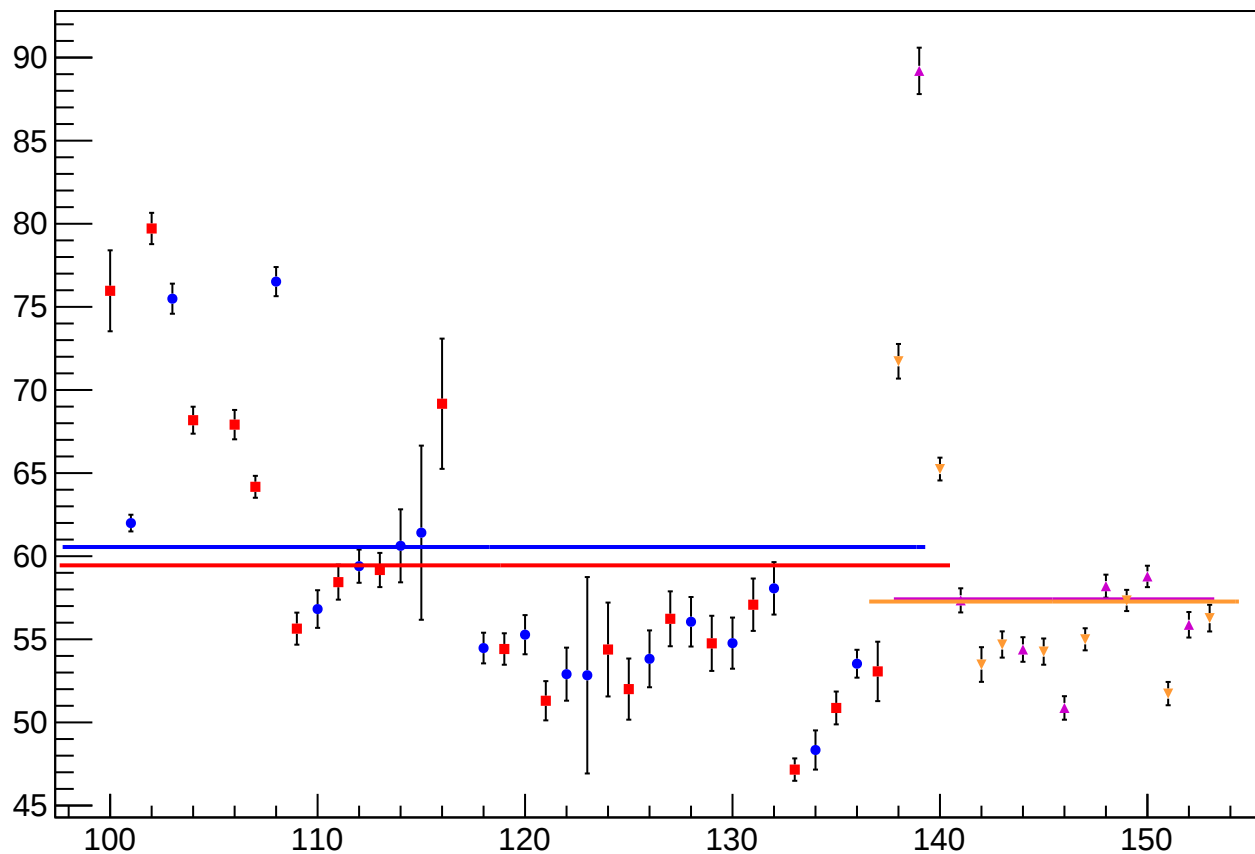
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.692 $\pm$ 0.376 χ^2 /NDF:265.3/6

Out: -1.315 $\pm$ 0.357 χ^2 /NDF:517.0/8

All: 0.113 $\pm$ 0.259 χ^2 /NDF: 815.9/15

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 χ^2/NDF : 931.0/16

Left Out: 57.272 ± 0.254 χ^2/NDF : 441.6/8

Right Out: 59.449 ± 0.248 χ^2/NDF : 1321.3/18

Left In: 57.405 ± 0.284 χ^2/NDF : 630.4/6

Left: 57.331 ± 0.189 χ^2/NDF : 1072.2/15

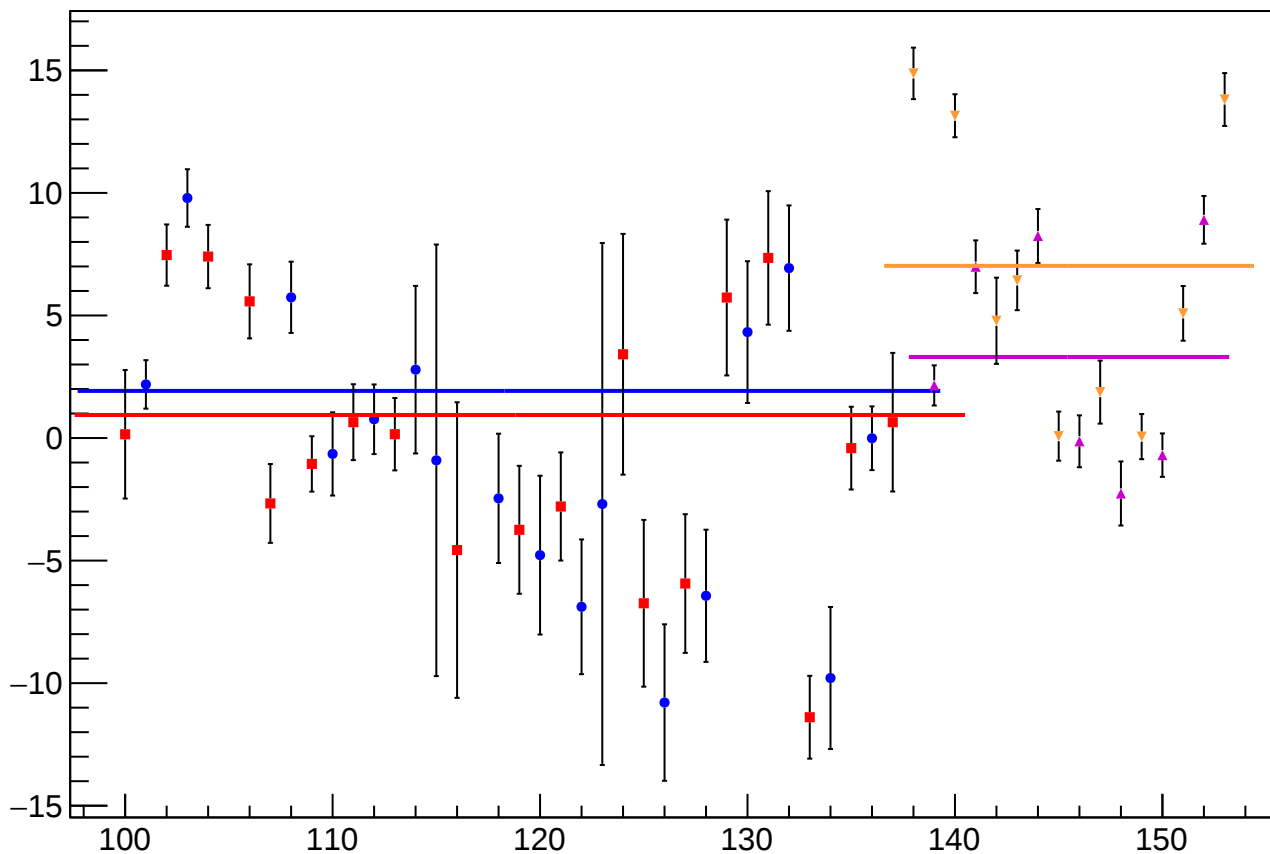
Right: 59.970 ± 0.180 χ^2/NDF : 2261.6/35

In: 59.105 ± 0.192 χ^2/NDF : 1627.9/23

Out: 58.389 ± 0.177 χ^2/NDF : 1800.6/27

All: 58.718 ± 0.130 χ^2/NDF : 3435.9/51

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 7.024 ± 0.361 χ^2/NDF : 270.6/8

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 3.307 ± 0.378 χ^2/NDF : 116.0/6

Left: 5.249 ± 0.261 χ^2/NDF : 437.1/15

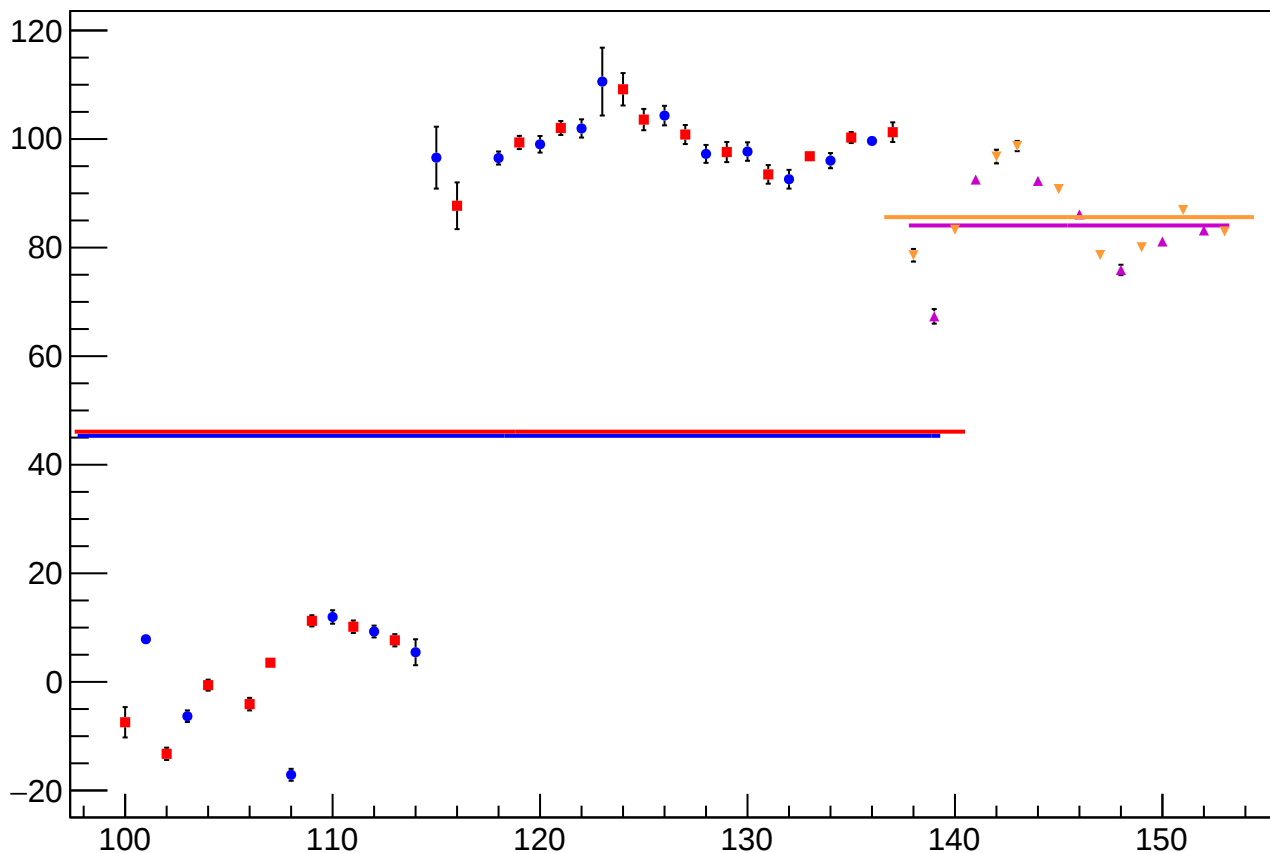
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 2.746 ± 0.292 χ^2/NDF : 242.5/23

Out: 4.463 ± 0.275 χ^2/NDF : 540.0/27

All: 3.655 ± 0.200 χ^2/NDF : 800.9/51

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.615+/-0.308 χ^2/NDF : 469.5/8

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 84.078+/-0.341 χ^2/NDF : 433.2/6

Left: 84.924+/-0.228 χ^2/NDF : 913.9/15

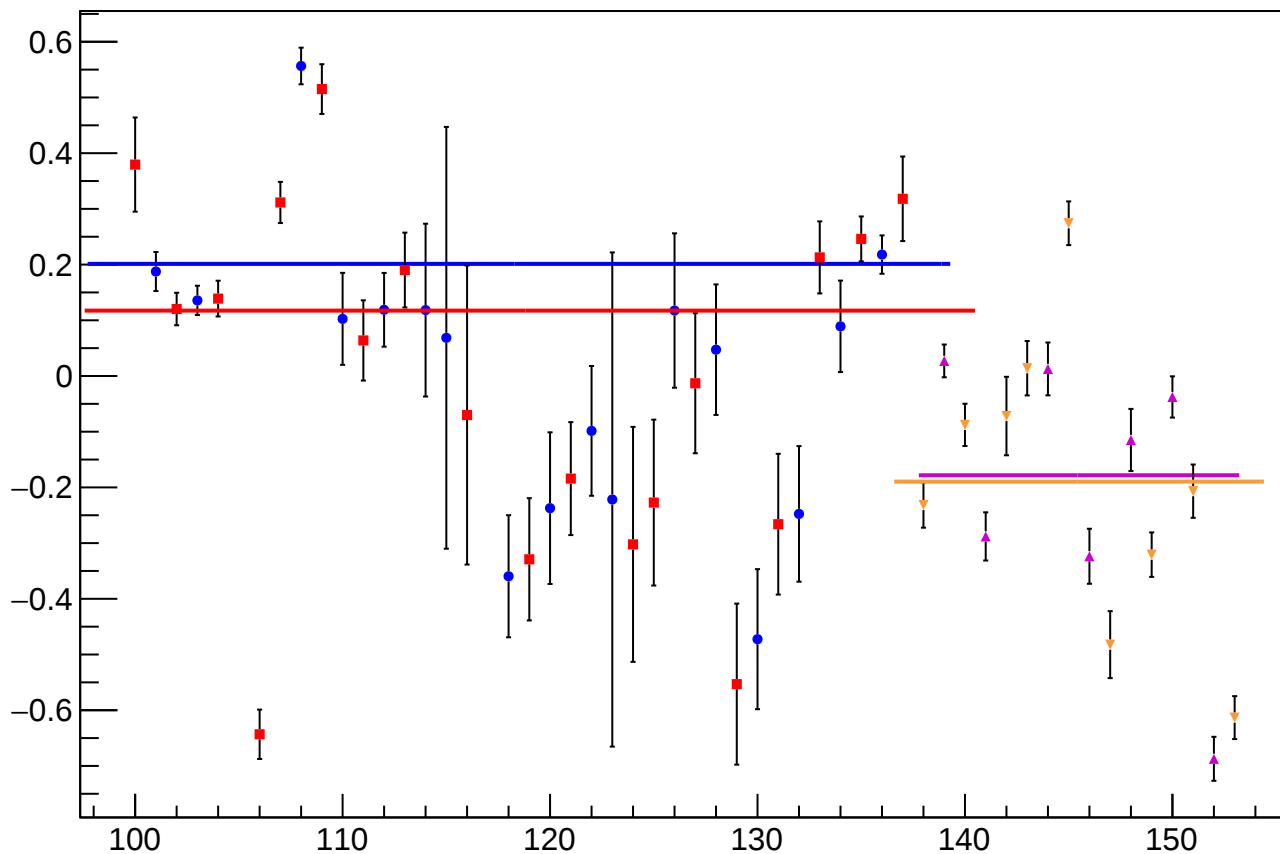
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 62.479+/-0.227 χ^2/NDF : 32648.9/23

Out: 64.627+/-0.211 χ^2/NDF : 37494.5/27

All: 63.631+/-0.154 χ^2/NDF : 70191.5/51

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.190 ± 0.015 χ^2/NDF : 323.5/8

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

Left: -0.184 ± 0.011 χ^2/NDF : 585.6/15

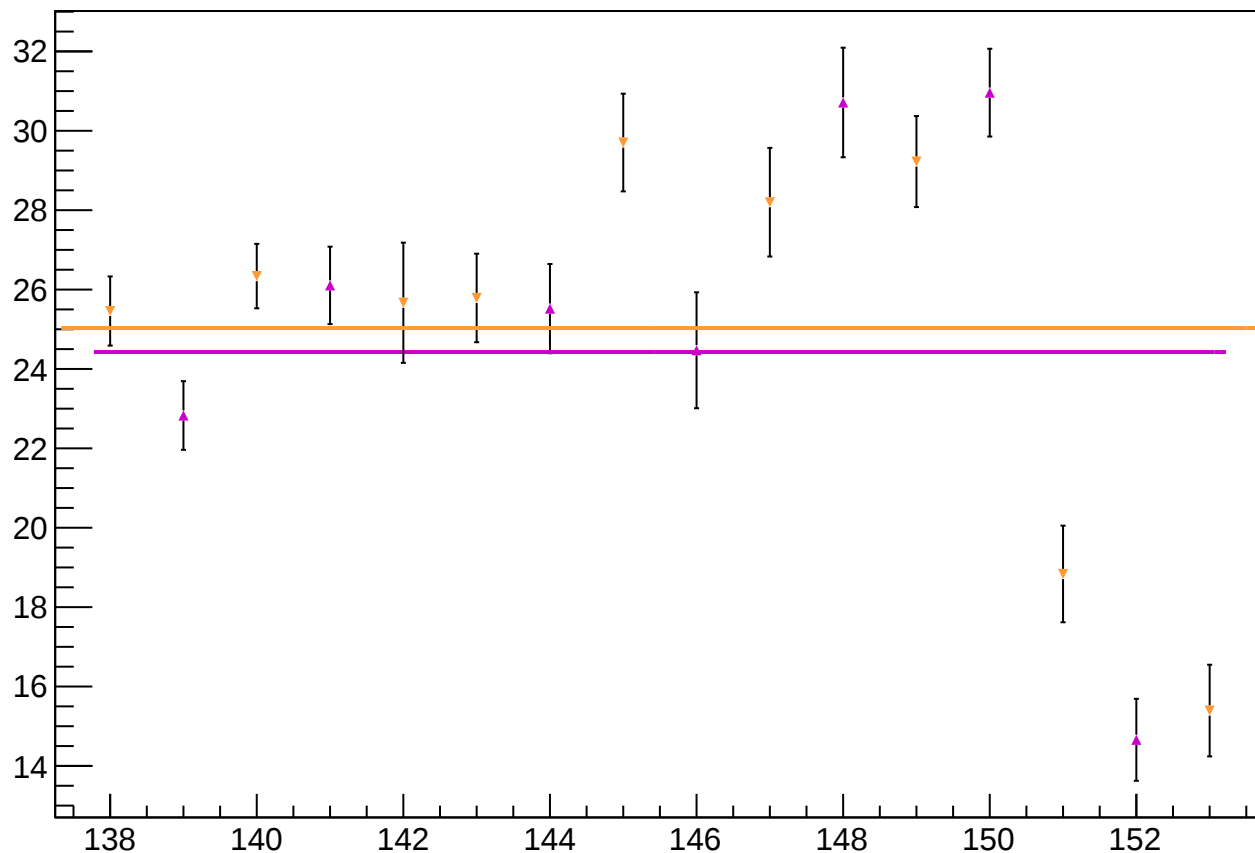
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.029 ± 0.010 χ^2/NDF : 811.3/23

Out: -0.017 ± 0.010 χ^2/NDF : 1066.1/27

All: 0.005 ± 0.007 χ^2/NDF : 1887.6/51

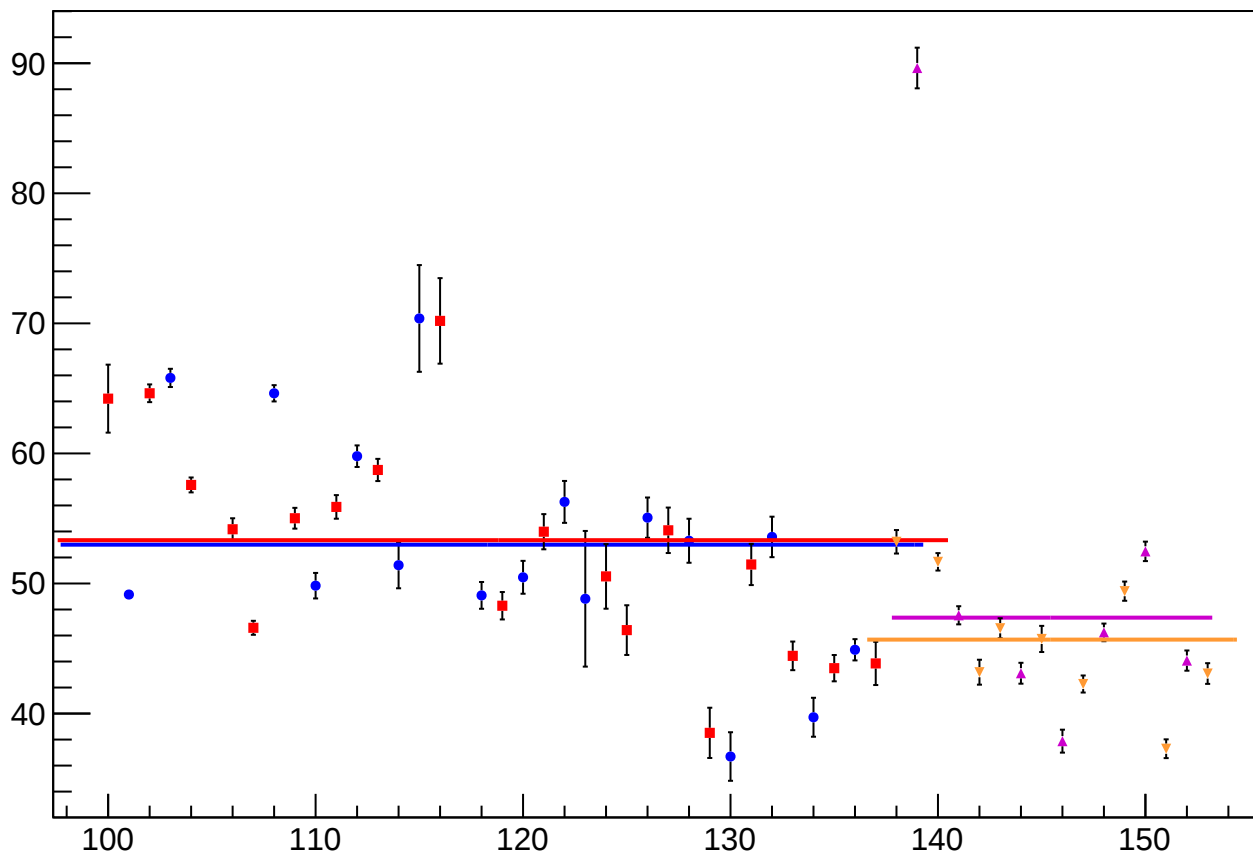
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.030+/-0.366 χ^2/NDF :132.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

Left: 24.763+/-0.273 χ^2/NDF : 285.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.426+/-0.411 χ^2/NDF :152.5/6
 Out: 25.030+/-0.366 χ^2/NDF :132.2/8
 All: 24.763+/-0.273 χ^2/NDF : 285.9/15

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.685 $\pm$ 0.259 χ^2 /NDF: 355.6/8

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.374 $\pm$ 0.303 χ^2 /NDF: 942.3/6

Left: 46.400 $\pm$ 0.197 χ^2 /NDF: 1315.9/15

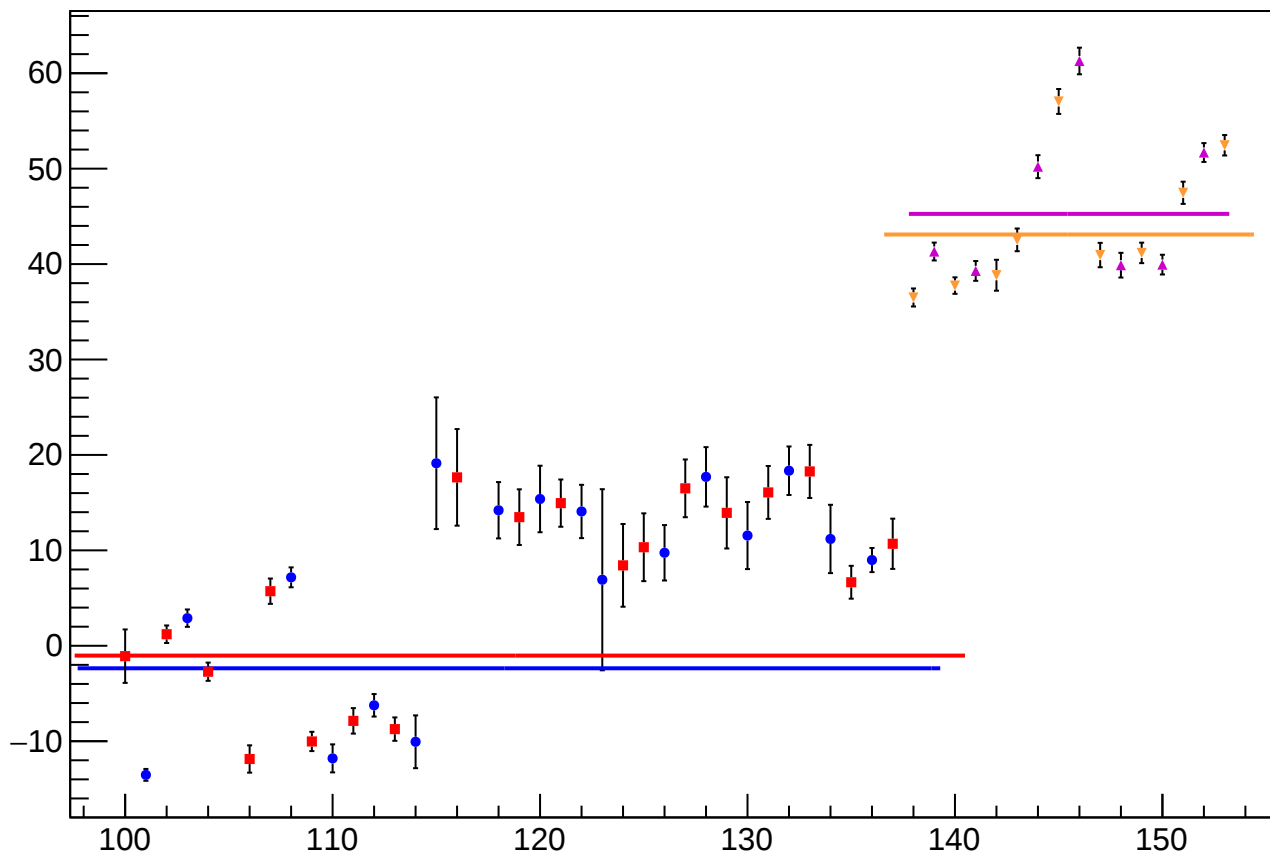
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.158 $\pm$ 0.173 χ^2 /NDF: 2372.0/23

Out: 50.020 $\pm$ 0.171 χ^2 /NDF: 1722.6/27

All: 50.582 $\pm$ 0.121 χ^2 /NDF: 4116.6/51

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 43.099 ± 0.372 $\chi^2/\text{NDF}: 304.8/8$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 45.260 ± 0.414 $\chi^2/\text{NDF}: 285.8/6$

Left: 44.064 ± 0.277 $\chi^2/\text{NDF}: 605.7/15$

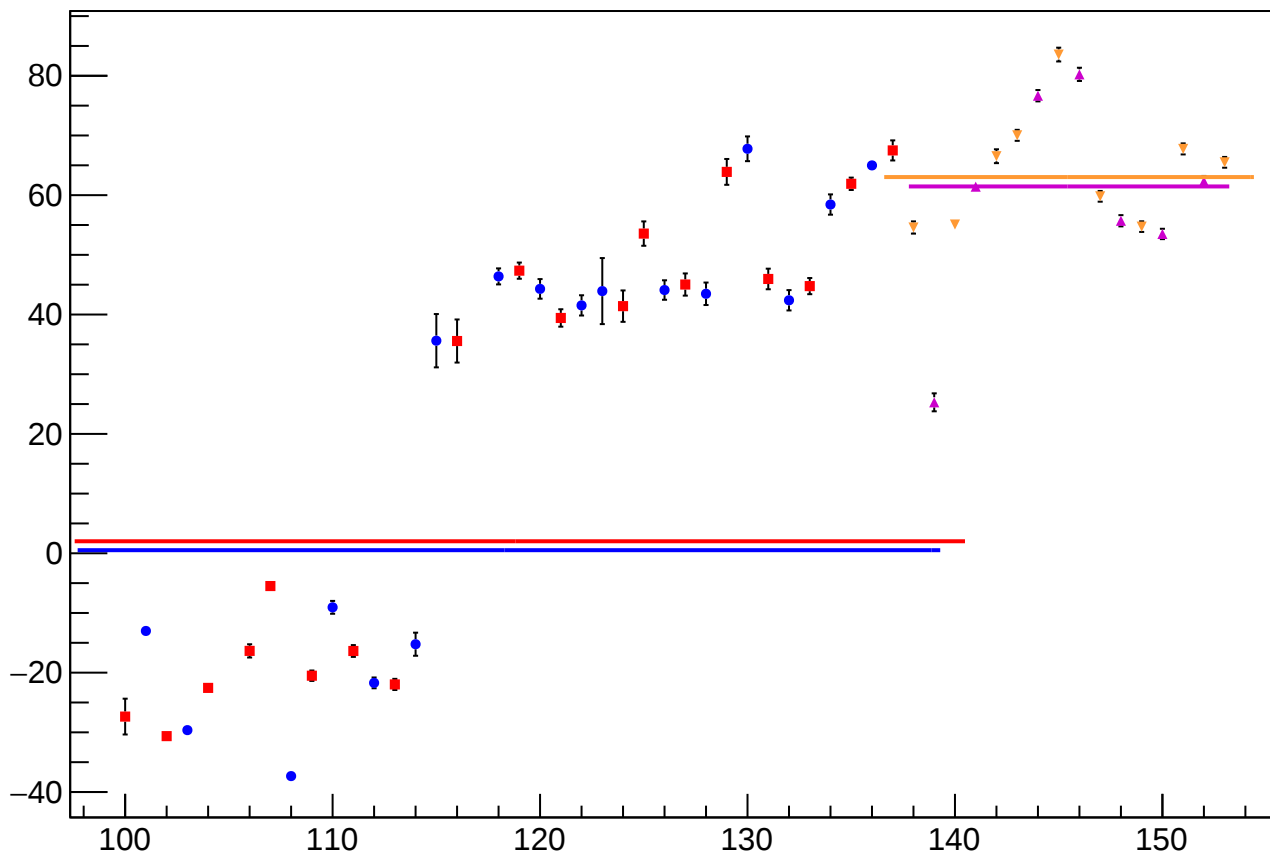
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 18.408 ± 0.273 $\chi^2/\text{NDF}: 8582.3/23$

Out: 21.313 ± 0.265 $\chi^2/\text{NDF}: 7757.1/27$

All: 19.908 ± 0.190 $\chi^2/\text{NDF}: 16397.7/51$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 63.032 ± 0.315 χ^2/NDF : 680.1/8

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 61.460 ± 0.367 χ^2/NDF : 1241.6/6

Left: 62.364 ± 0.239 χ^2/NDF : 1932.3/15

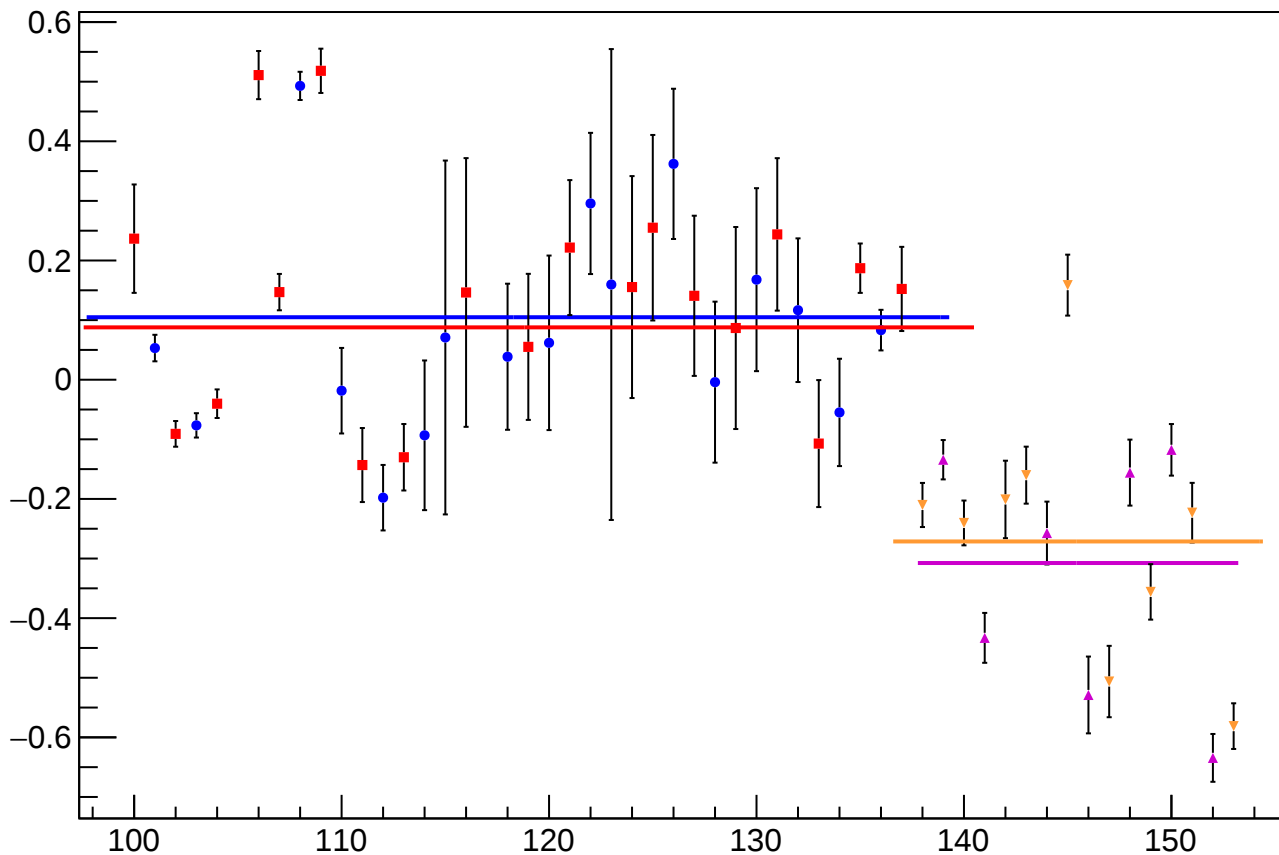
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 19.518 ± 0.205 χ^2/NDF : 38617.6/23

Out: 27.408 ± 0.204 χ^2/NDF : 37997.0/27

All: 23.489 ± 0.144 χ^2/NDF : 77361.2/51

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.271 ± 0.015 $\chi^2/\text{NDF}: 165.8/8$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.308 ± 0.017 $\chi^2/\text{NDF}: 142.4/6$

Left: -0.288 ± 0.011 $\chi^2/\text{NDF}: 310.8/15$

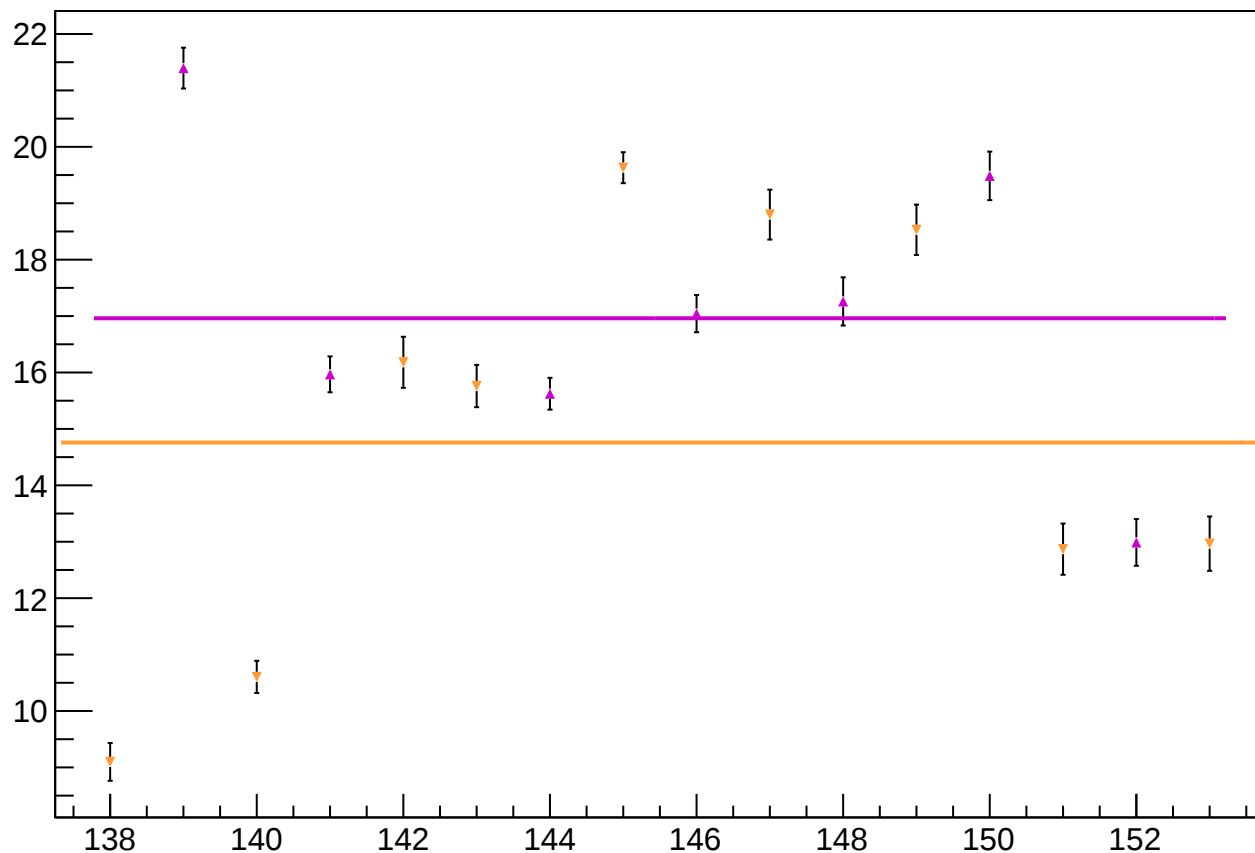
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.020 ± 0.009 $\chi^2/\text{NDF}: 966.4/23$

Out: -0.035 ± 0.009 $\chi^2/\text{NDF}: 922.6/27$

All: -0.028 ± 0.006 $\chi^2/\text{NDF}: 1890.4/51$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.759+/-0.123 χ^2/NDF :1017.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.961+/-0.134 χ^2/NDF :309.4/6

Left: 15.772+/-0.091 χ^2/NDF : 1473.4/15

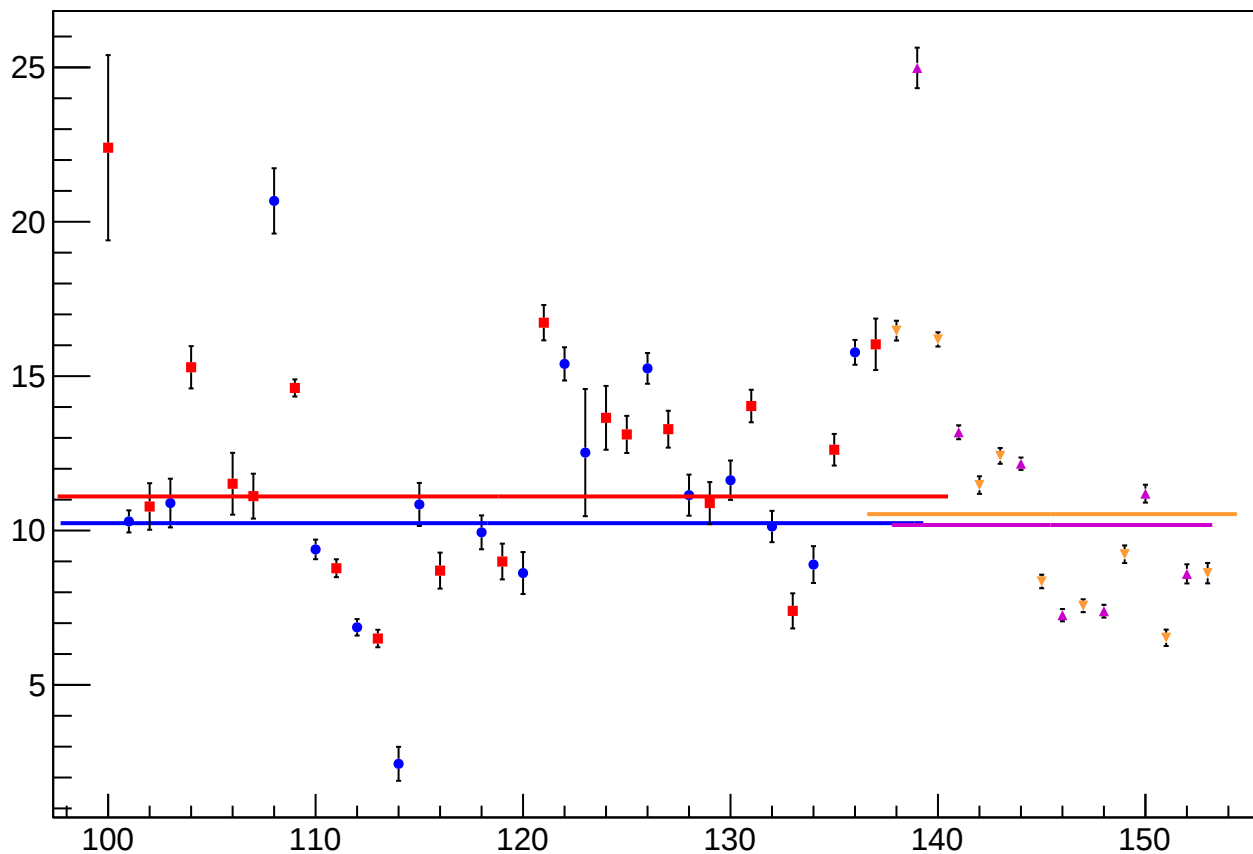
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

Out: 14.759+/-0.123 χ^2/NDF :1017.2/8

All: 15.772+/-0.091 χ^2/NDF : 1473.4/15

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.532 $\pm$ 0.086 χ^2 /NDF:1585.2/8

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 10.179 $\pm$ 0.092 χ^2 /NDF:1219.6/6

Left: 10.368 $\pm$ 0.063 χ^2 /NDF: 2812.6/15

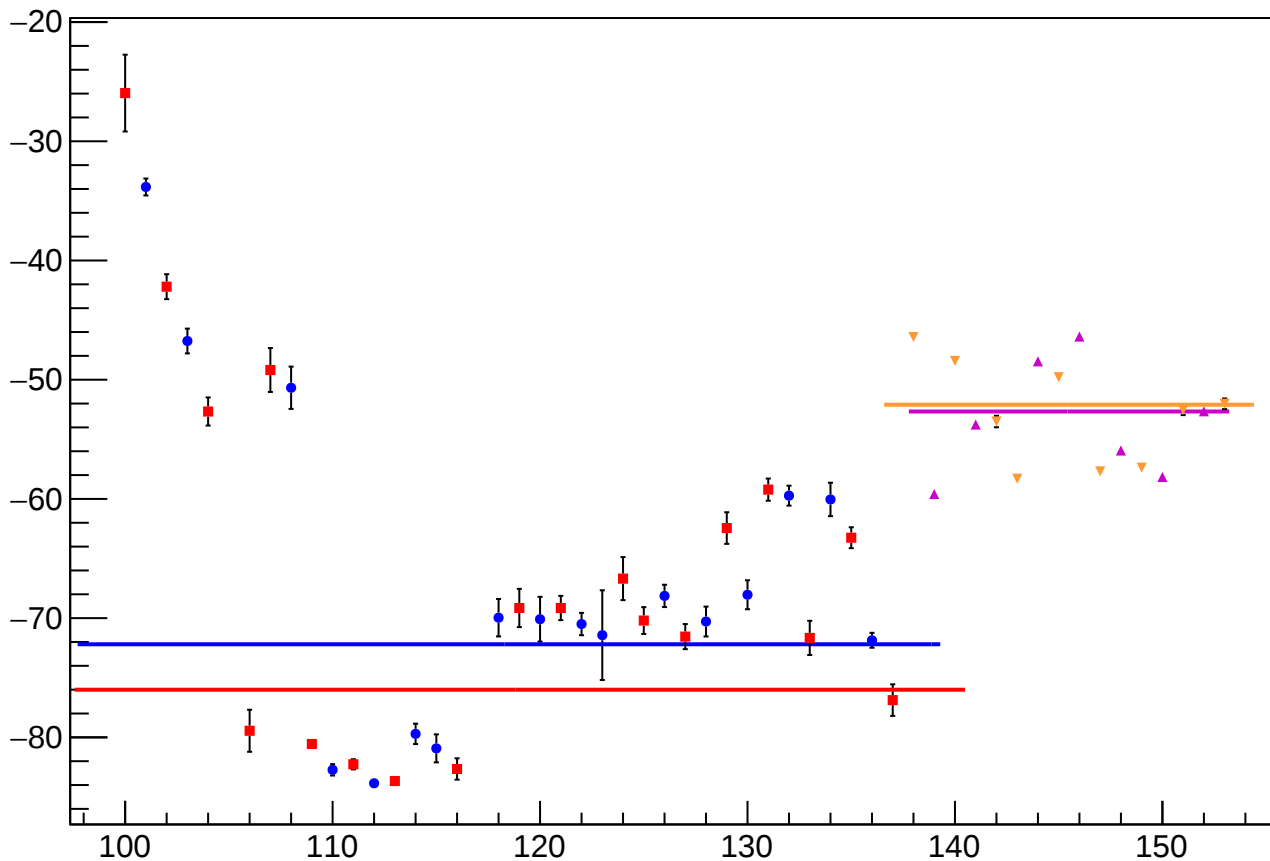
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.201 $\pm$ 0.073 χ^2 /NDF:2087.2/23

Out: 10.734 $\pm$ 0.069 χ^2 /NDF:2416.0/27

All: 10.482 $\pm$ 0.050 χ^2 /NDF: 4531.3/51

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -52.096 $\pm$ 0.126 χ^2 /NDF:1047.5/8

Right Out: -76.003 $\pm$ 0.181 χ^2 /NDF: 3465.3/18

Left In: -52.667 $\pm$ 0.135 χ^2 /NDF:1164.3/6

Left: -52.363 $\pm$ 0.092 χ^2 /NDF: 2221.3/15

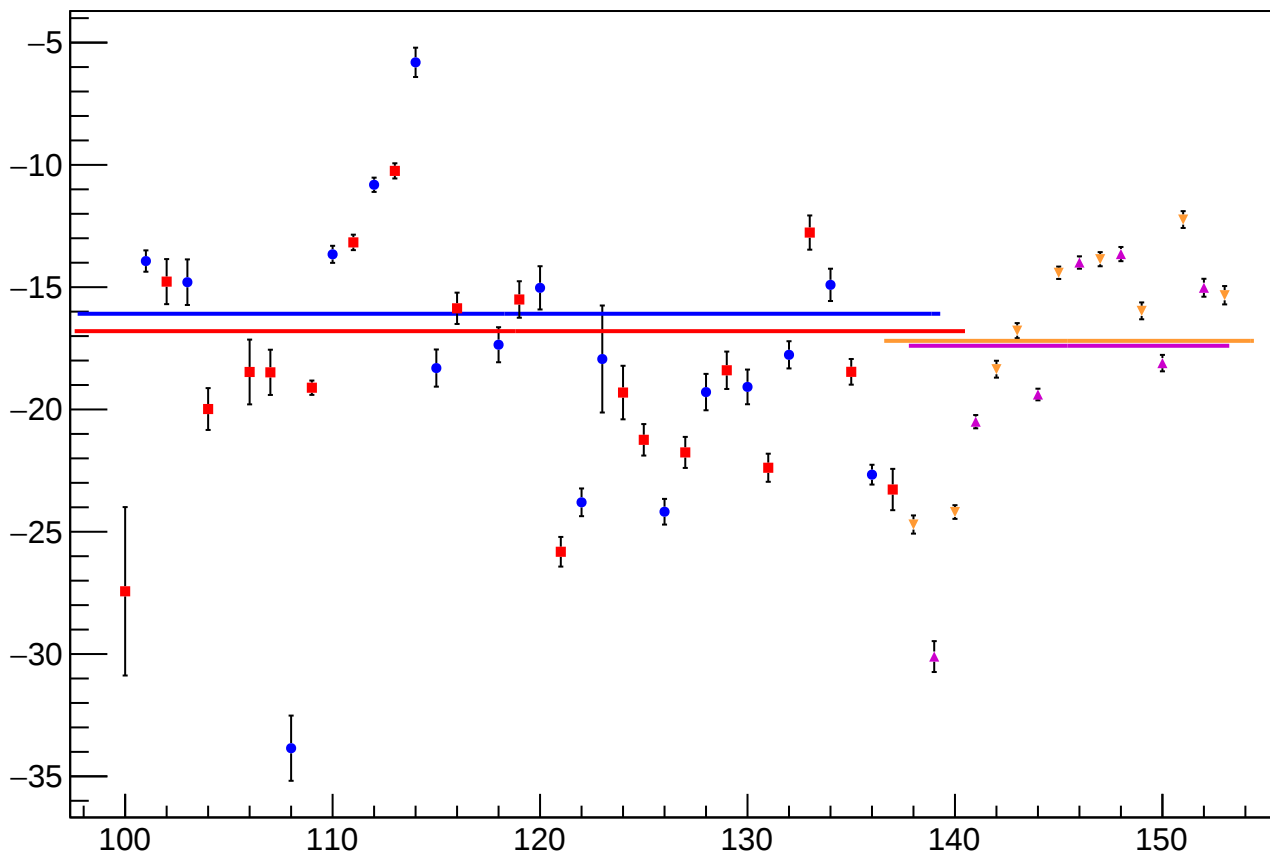
Right: -74.270 $\pm$ 0.134 χ^2 /NDF: 9230.0/35

In: -58.846 $\pm$ 0.111 χ^2 /NDF:13365.1/23

Out: -59.940 $\pm$ 0.104 χ^2 /NDF:16241.2/27

All: -59.433 $\pm$ 0.076 χ^2 /NDF: 29658.0/51

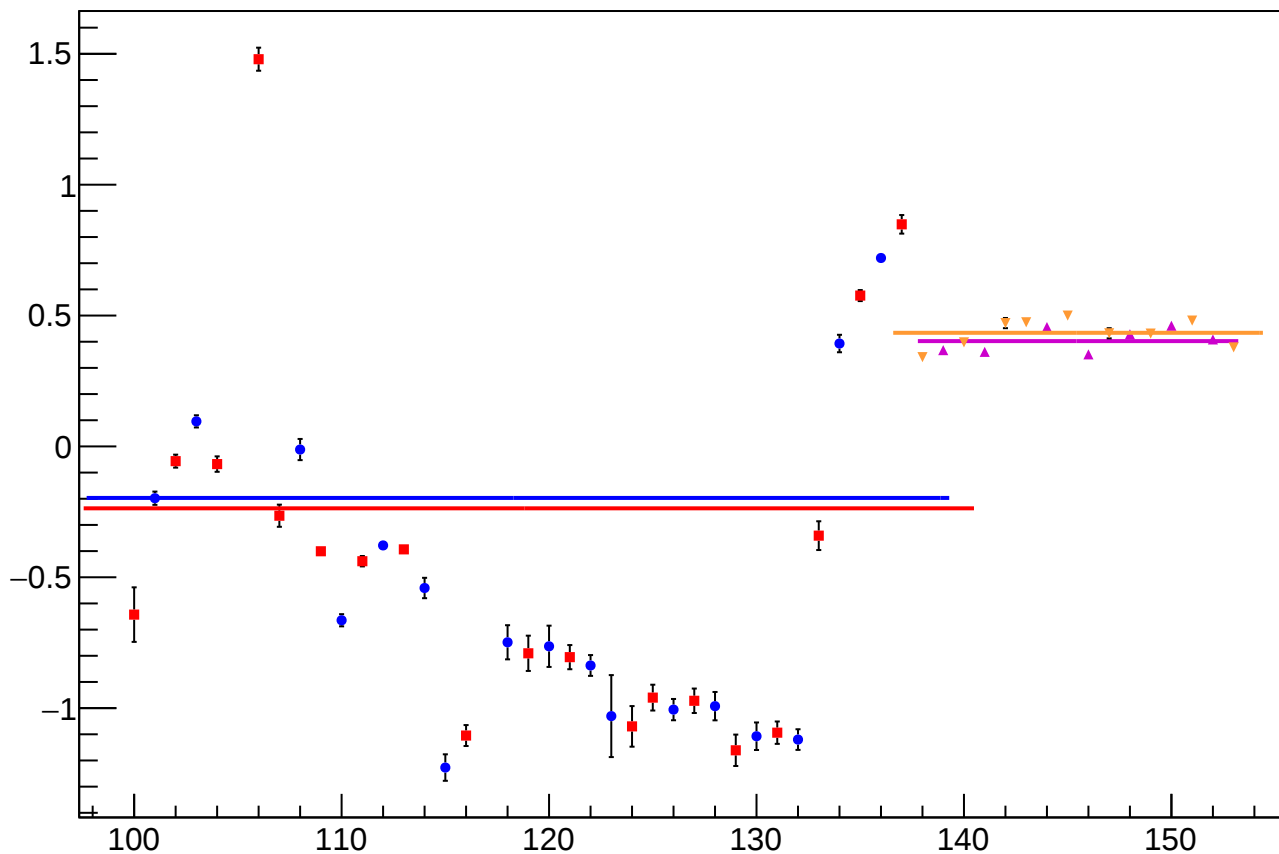
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.194 ± 0.105 $\chi^2/\text{NDF}: 1543.8/8$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.396 ± 0.114 $\chi^2/\text{NDF}: 998.8/6$

Left: -17.287 ± 0.077 $\chi^2/\text{NDF}: 2544.3/15$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -16.841 ± 0.086 $\chi^2/\text{NDF}: 2676.8/23$
 Out: -17.035 ± 0.081 $\chi^2/\text{NDF}: 2763.6/27$
 All: -16.943 ± 0.059 $\chi^2/\text{NDF}: 5443.0/51$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.434 ± 0.005 χ^2/NDF : 110.2/8

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

Left: 0.419 ± 0.004 χ^2/NDF : 185.9/15

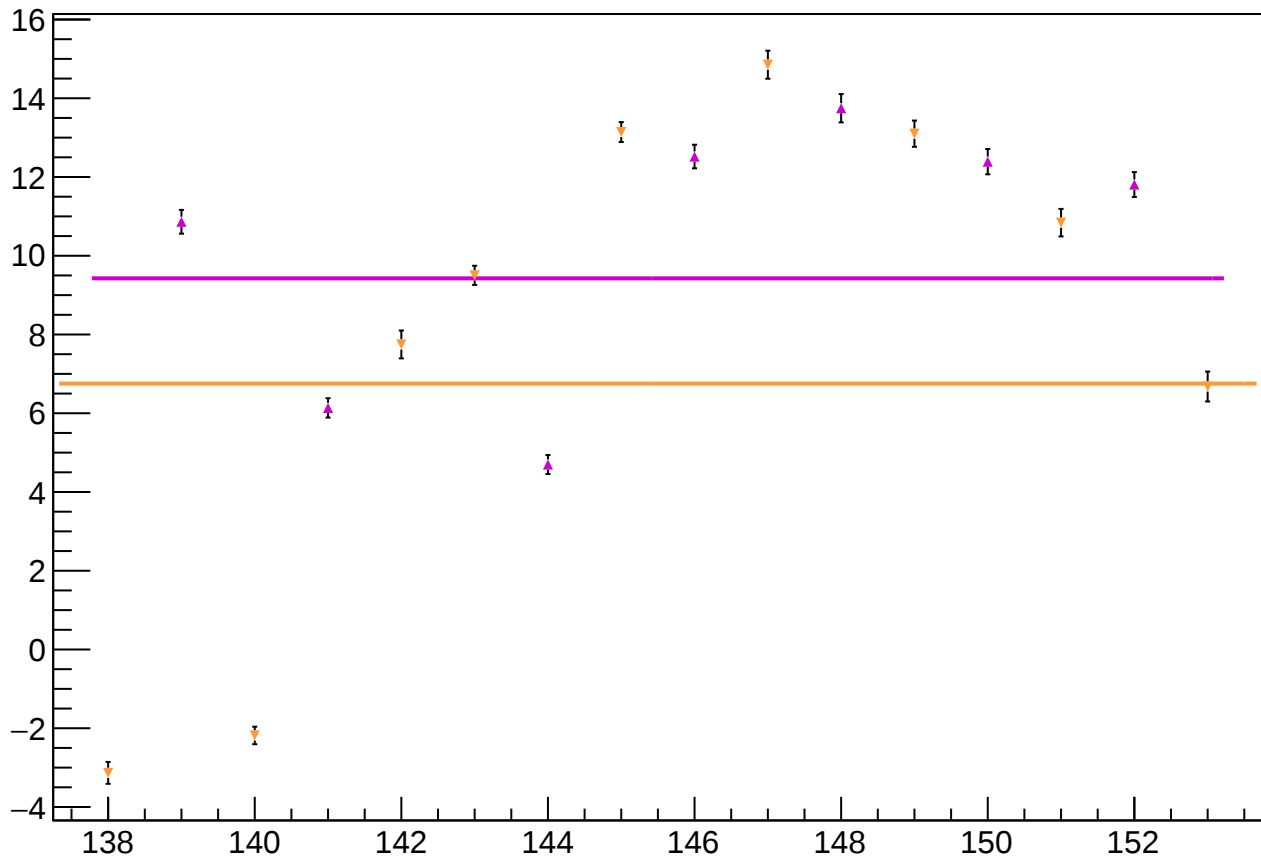
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.189 ± 0.005 χ^2/NDF : 10447.4/23

Out: 0.203 ± 0.004 χ^2/NDF : 12067.0/27

All: 0.197 ± 0.003 χ^2/NDF : 22519.7/51

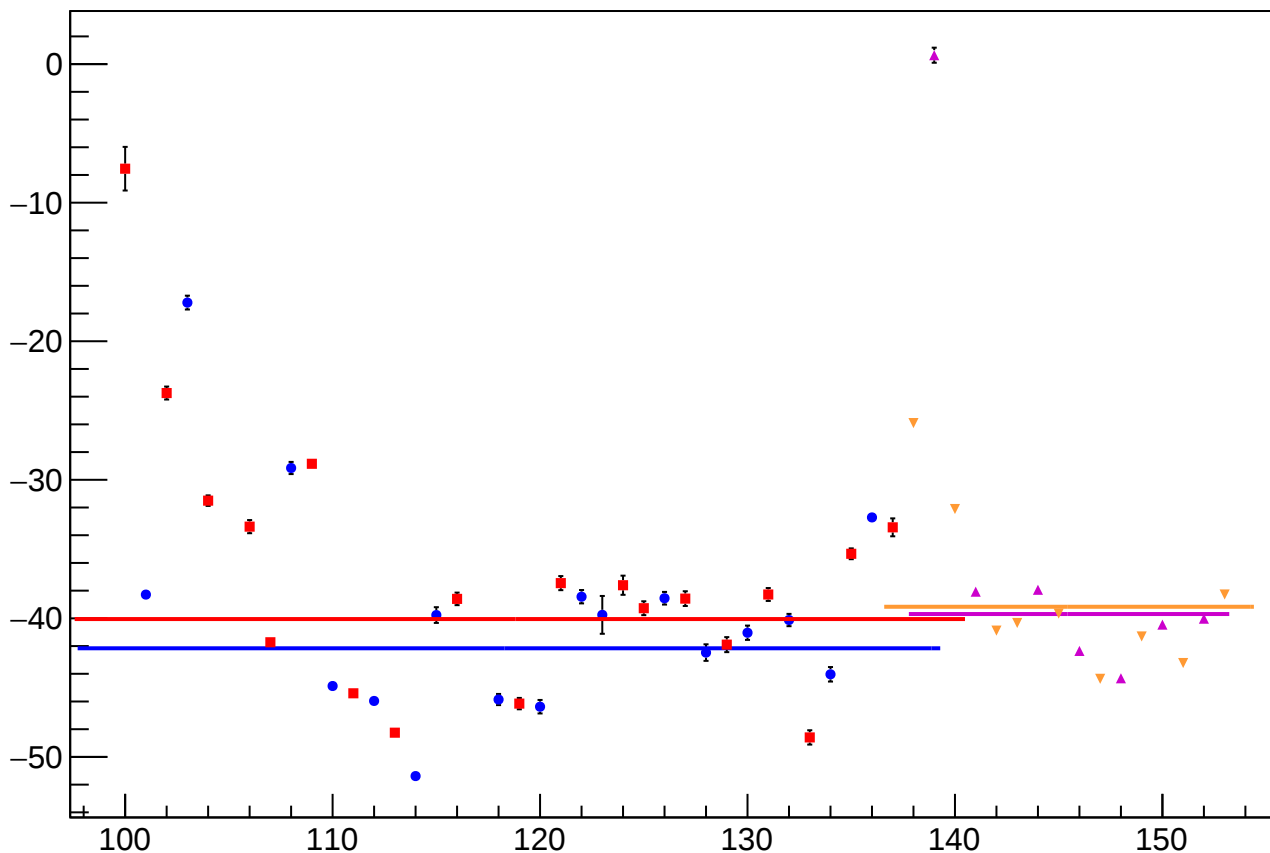
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Left: 7.932+/-0.073 χ^2/NDF : 5984.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.427+/-0.110 χ^2/NDF : 981.0/6
 Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 All: 7.932+/-0.073 χ^2/NDF : 5984.5/15

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.163 ± 0.068 χ^2/NDF : 5496.6/8

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -39.688 ± 0.077 χ^2/NDF : 6587.5/6

Left: -39.393 ± 0.051 χ^2/NDF : 12110.4/15

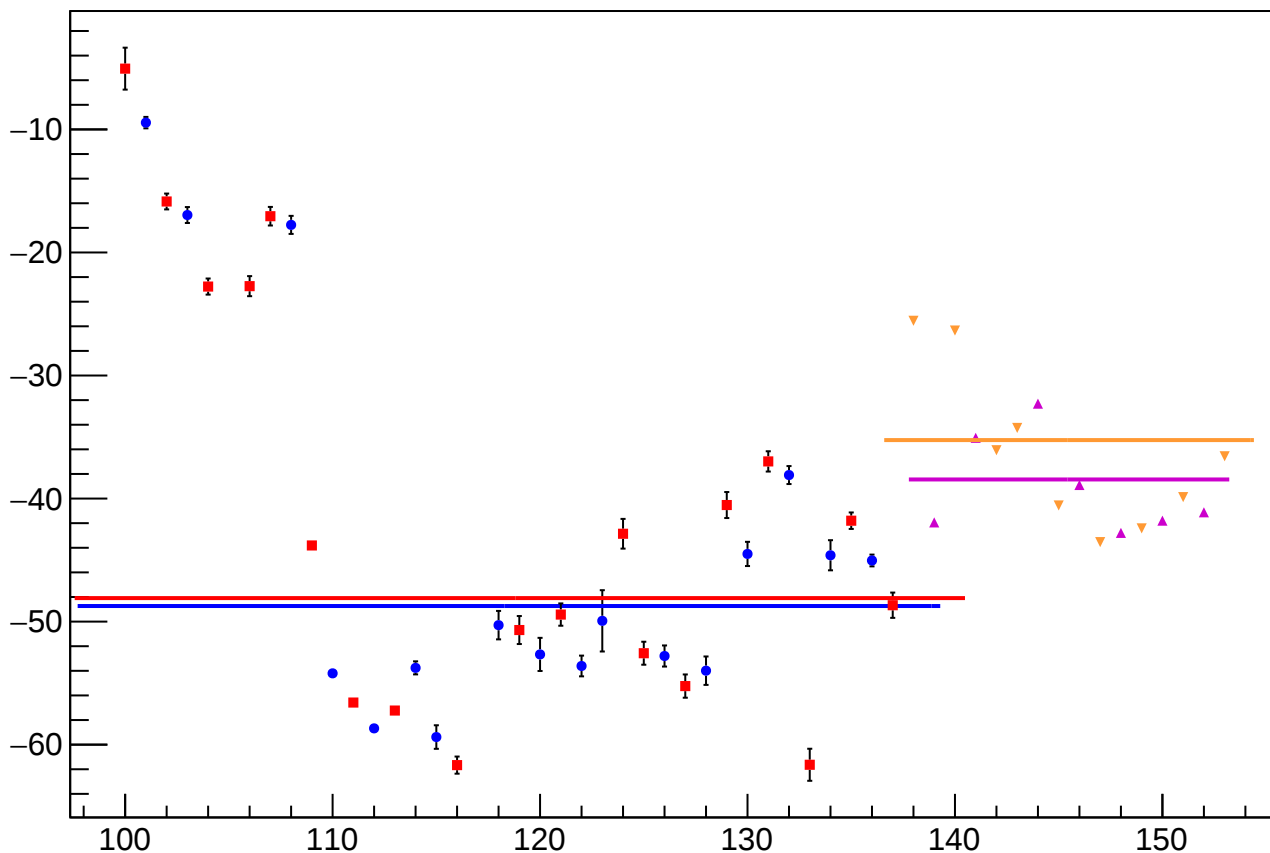
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.903 ± 0.055 χ^2/NDF : 13670.0/23

Out: -39.574 ± 0.050 χ^2/NDF : 16887.7/27

All: -40.173 ± 0.037 χ^2/NDF : 30882.7/51

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.248 ± 0.100 $\chi^2/\text{NDF}: 4215.4/8$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.448 ± 0.110 $\chi^2/\text{NDF}: 1225.2/6$

Left: -36.683 ± 0.074 $\chi^2/\text{NDF}: 5903.6/15$

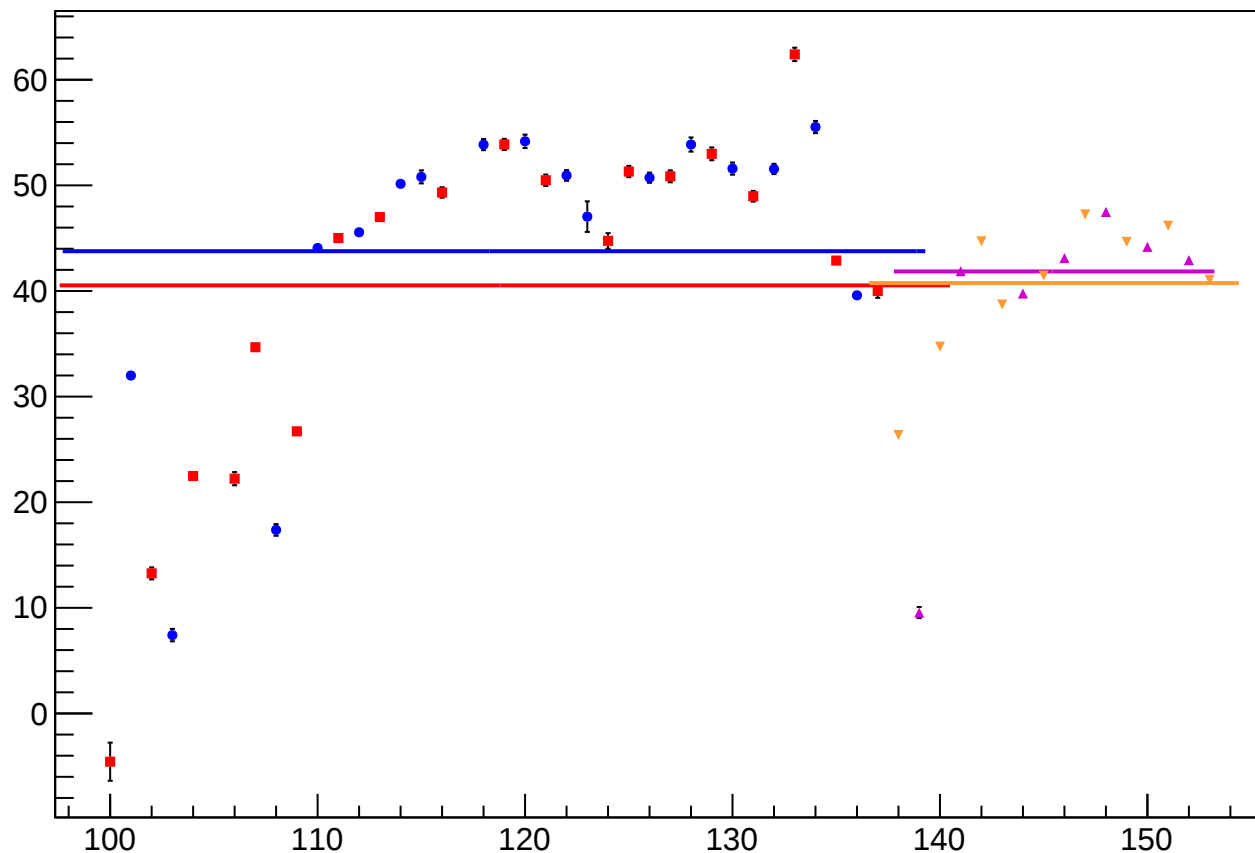
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.971 ± 0.083 $\chi^2/\text{NDF}: 19697.1/23$

Out: -41.196 ± 0.073 $\chi^2/\text{NDF}: 23646.7/27$

All: -41.973 ± 0.055 $\chi^2/\text{NDF}: 43602.8/51$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.747 $\pm$ 0.083 χ^2 /NDF: 4646.0/8

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.849 $\pm$ 0.094 χ^2 /NDF: 4558.9/6

Left: 41.229 $\pm$ 0.062 χ^2 /NDF: 9282.7/15

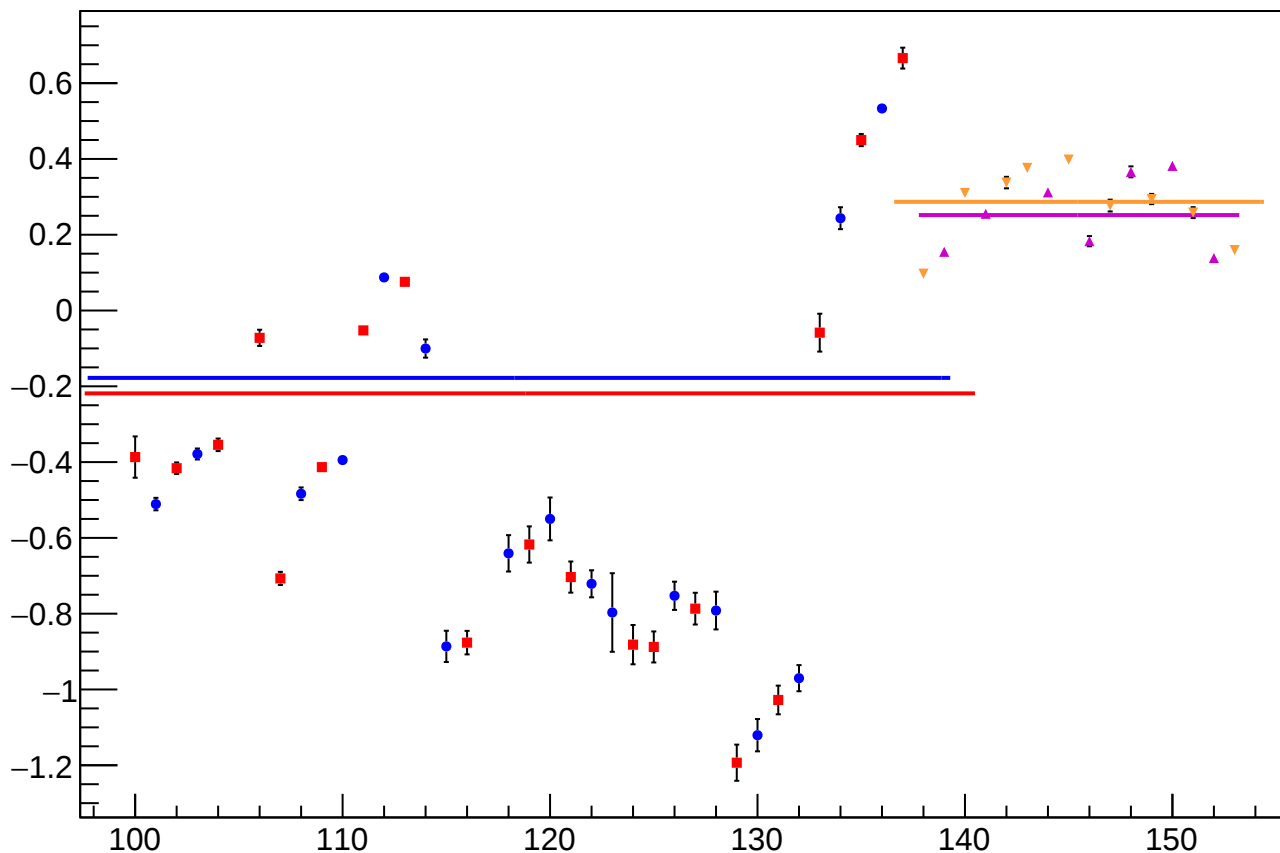
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.881 $\pm$ 0.064 χ^2 /NDF: 15417.8/23

Out: 40.636 $\pm$ 0.058 χ^2 /NDF: 22230.3/27

All: 41.645 $\pm$ 0.043 χ^2 /NDF: 38332.3/51

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.287 ± 0.004 χ^2/NDF : 560.6/8

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.252 ± 0.005 χ^2/NDF : 379.3/6

Left: 0.271 ± 0.003 χ^2/NDF : 972.2/15

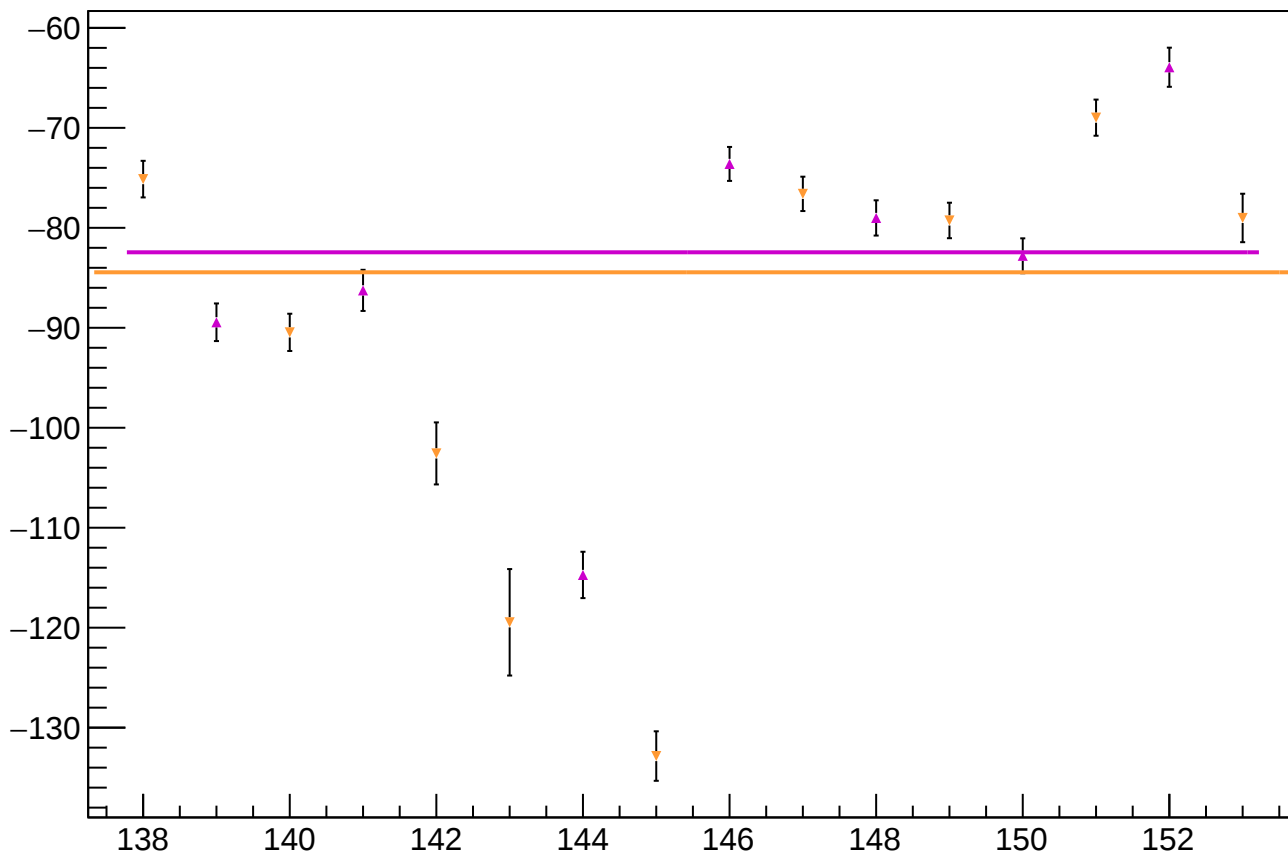
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.049 ± 0.003 χ^2/NDF : 11900.2/23

Out: 0.046 ± 0.003 χ^2/NDF : 15269.5/27

All: 0.048 ± 0.002 χ^2/NDF : 27170.1/51

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.449+/-0.703 χ^2/NDF :603.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.448+/-0.714 χ^2/NDF :331.5/6

Left: -83.464+/-0.501 χ^2/NDF : 938.8/15

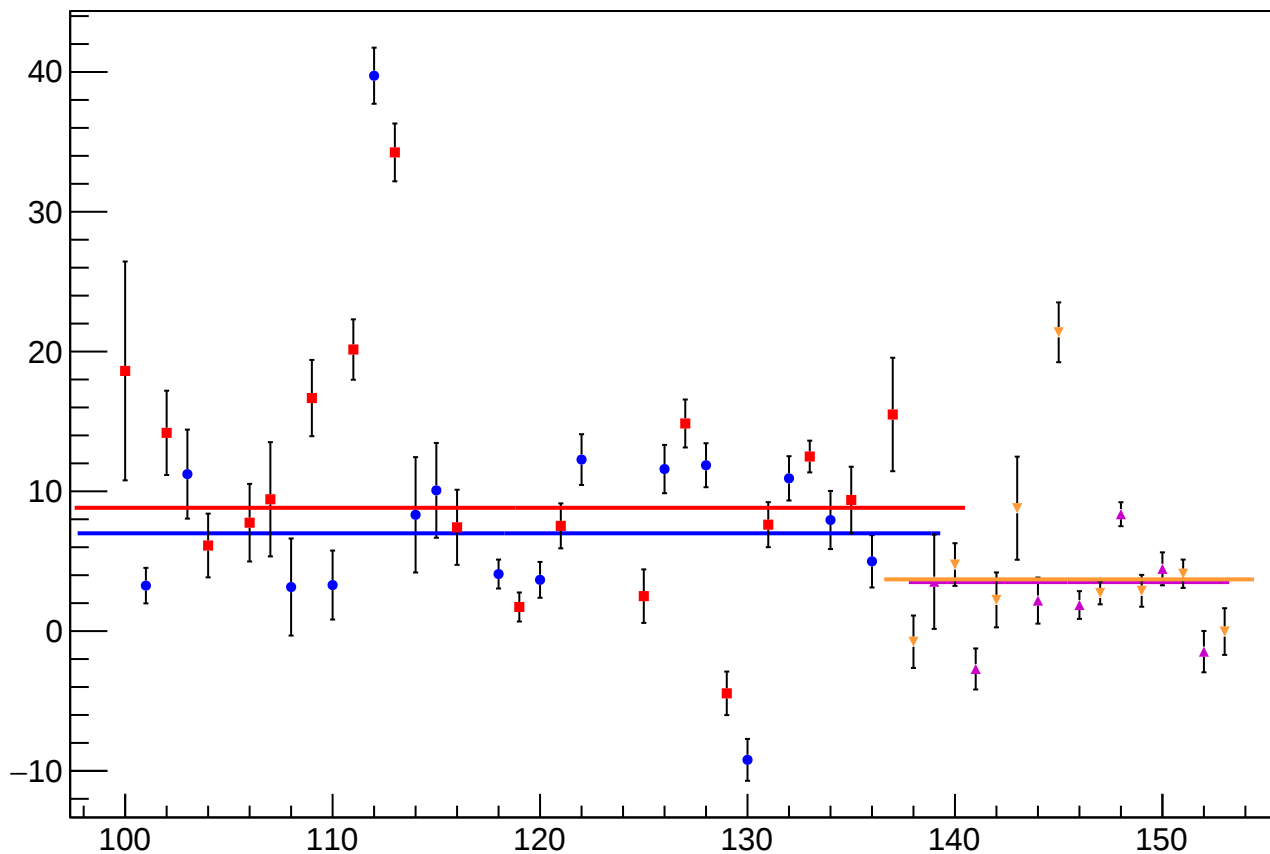
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.448+/-0.714 χ^2/NDF :331.5/6

Out: -84.449+/-0.703 χ^2/NDF :603.3/8

All: -83.464+/-0.501 χ^2/NDF : 938.8/15

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.702 ± 0.453 $\chi^2/\text{NDF}: 83.9/8$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.506 ± 0.473 $\chi^2/\text{NDF}: 65.4/6$

Left: 3.608 ± 0.327 $\chi^2/\text{NDF}: 149.5/15$

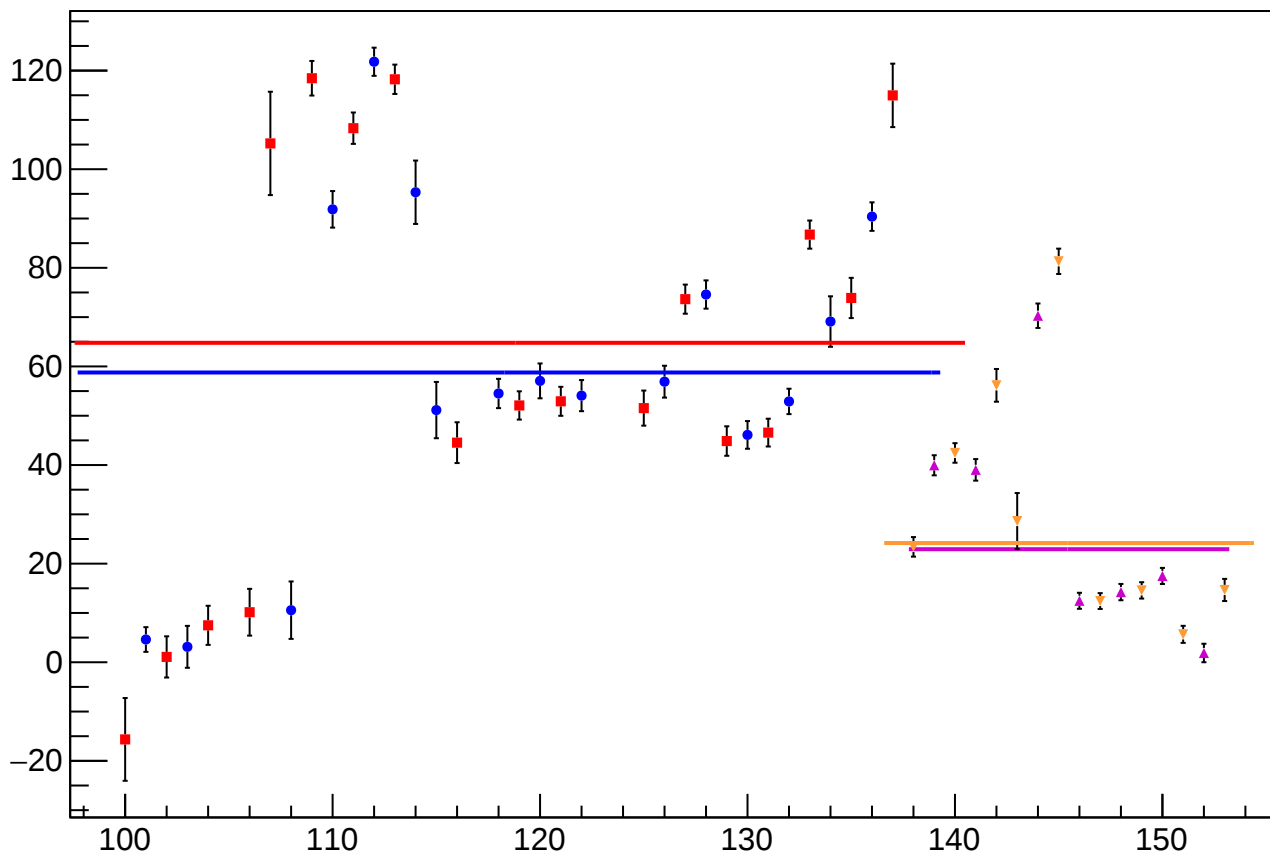
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.399 ± 0.320 $\chi^2/\text{NDF}: 540.4/22$

Out: 6.286 ± 0.319 $\chi^2/\text{NDF}: 498.8/26$

All: 5.844 ± 0.226 $\chi^2/\text{NDF}: 1043.1/49$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 24.180 $\pm$ 0.696 χ^2 /NDF: 893.1/8

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 22.928 $\pm$ 0.704 χ^2 /NDF: 695.2/6

Left: 23.562 $\pm$ 0.495 χ^2 /NDF: 1589.9/15

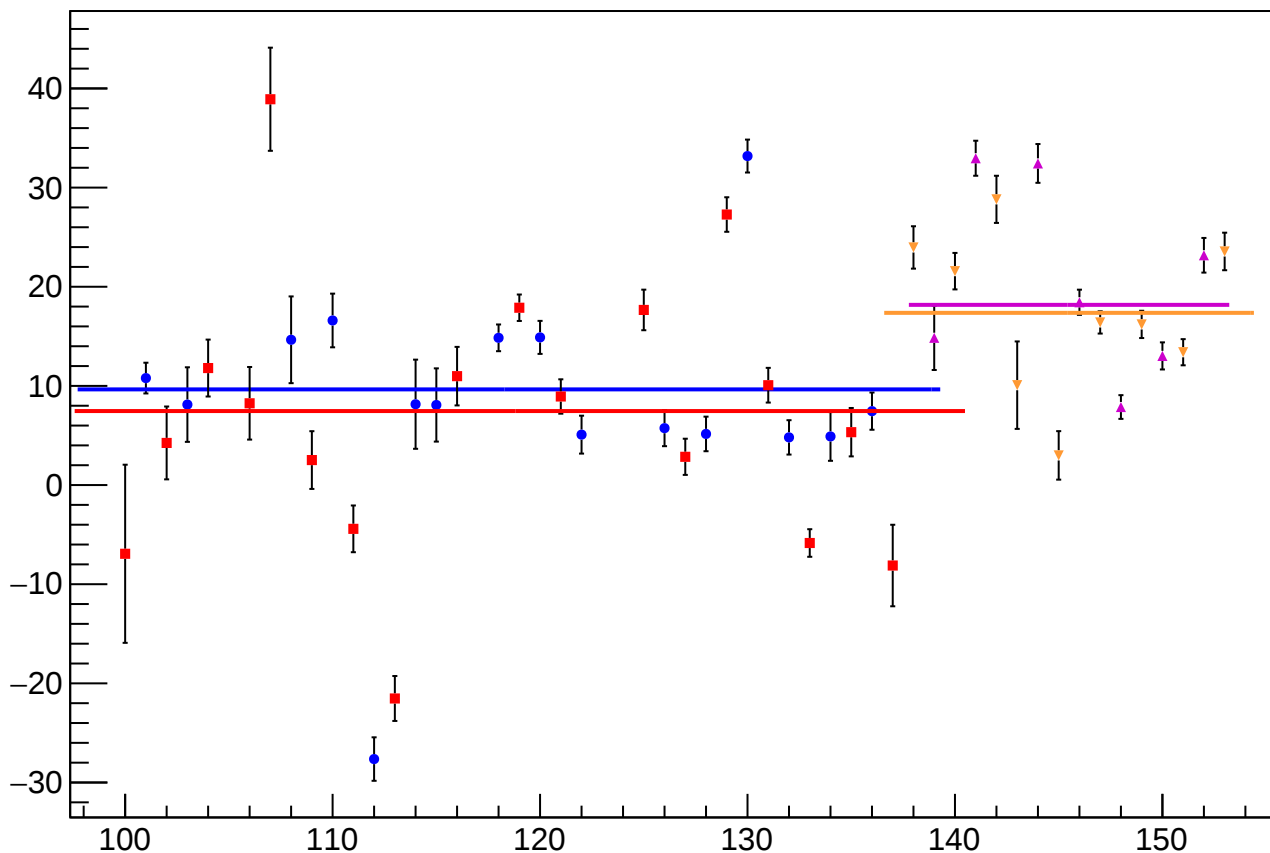
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 37.867 $\pm$ 0.538 χ^2 /NDF: 3268.4/22

Out: 40.695 $\pm$ 0.536 χ^2 /NDF: 3996.5/26

All: 39.285 $\pm$ 0.380 χ^2 /NDF: 7278.8/49

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.368 ± 0.569 $\chi^2/\text{NDF}: 96.4/8$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.174 ± 0.591 $\chi^2/\text{NDF}: 220.9/6$

Left: 17.755 ± 0.410 $\chi^2/\text{NDF}: 318.3/15$

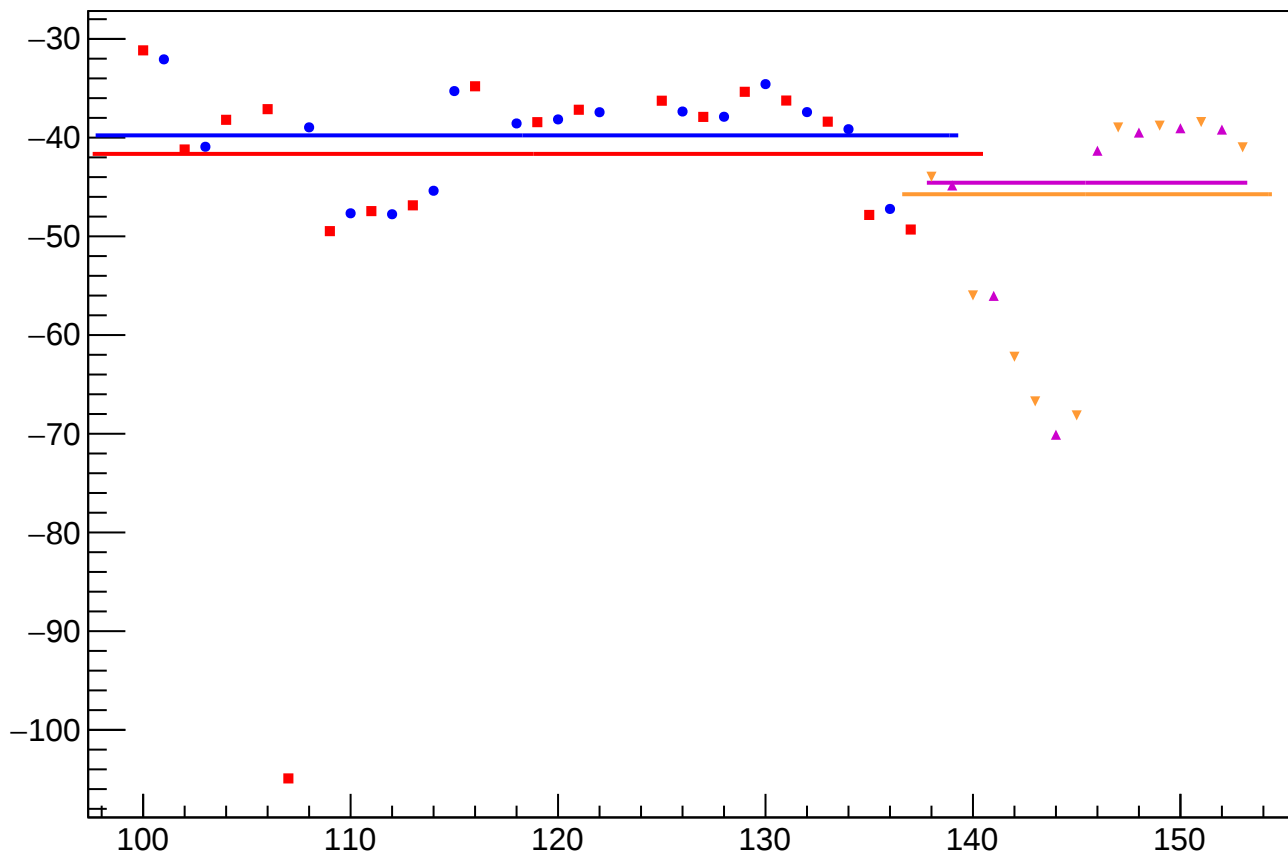
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 13.218 ± 0.383 $\chi^2/\text{NDF}: 895.2/22$

Out: 11.925 ± 0.382 $\chi^2/\text{NDF}: 829.5/26$

All: 12.571 ± 0.270 $\chi^2/\text{NDF}: 1730.5/49$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -45.734 ± 0.029 χ^2/NDF : 117115.9/8

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -44.568 ± 0.029 χ^2/NDF : 90351.4/6

Left: -45.152 ± 0.021 χ^2/NDF : 208261.6/15

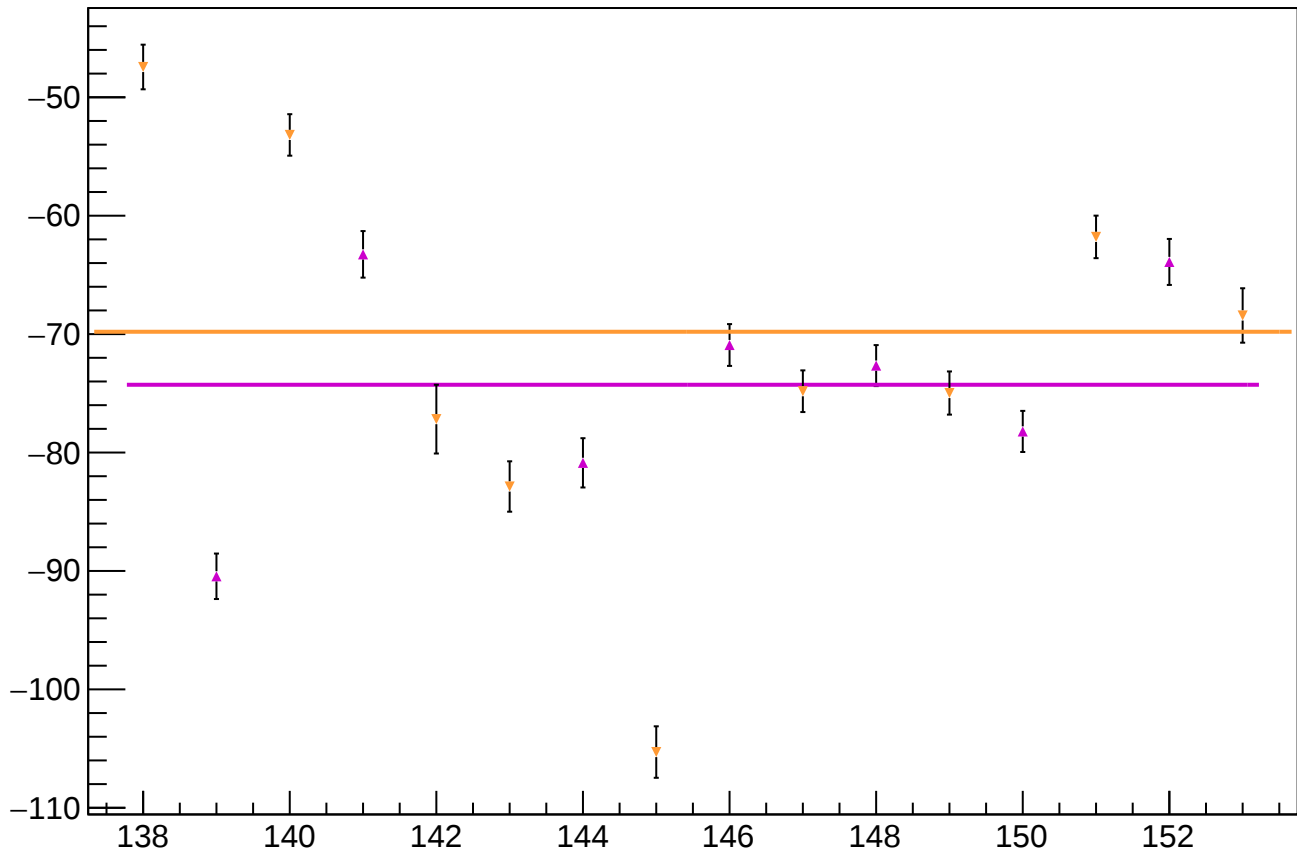
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.316 ± 0.021 χ^2/NDF : 129146.3/22

Out: -43.824 ± 0.021 χ^2/NDF : 220770.2/26

All: -43.069 ± 0.015 χ^2/NDF : 352417.6/49

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.800+/-0.662 χ^2/NDF :577.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.277+/-0.705 χ^2/NDF :150.6/6

Left: -71.898+/-0.483 χ^2/NDF : 749.9/15

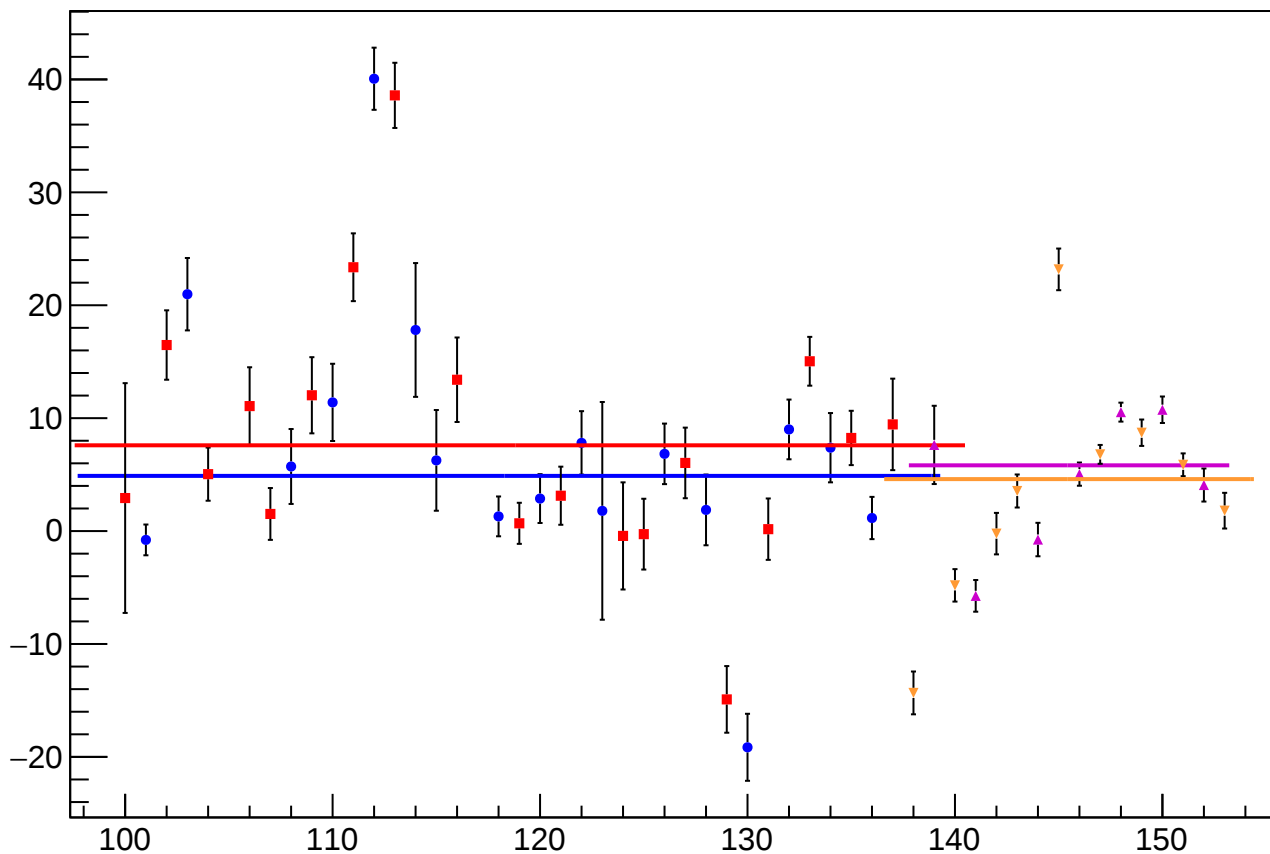
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.277+/-0.705 χ^2/NDF :150.6/6

Out: -69.800+/-0.662 χ^2/NDF :577.9/8

All: -71.898+/-0.483 χ^2/NDF : 749.9/15

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 4.602 $\pm$ 0.431 χ^2 /NDF:275.4/8

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 5.823 $\pm$ 0.466 χ^2 /NDF:139.0/6

Left: 5.166 $\pm$ 0.317 χ^2 /NDF: 418.0/15

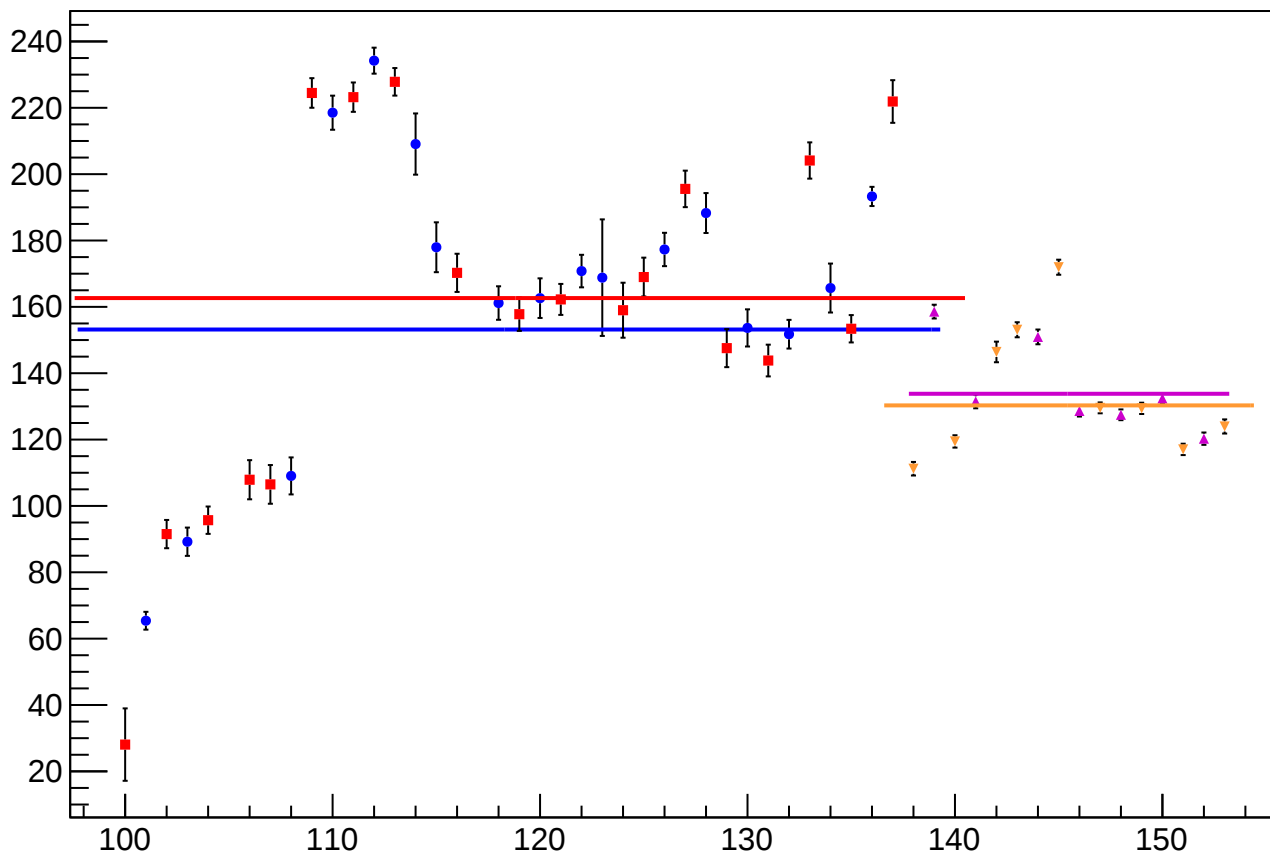
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 5.487 $\pm$ 0.373 χ^2 /NDF:435.2/23

Out: 5.516 $\pm$ 0.360 χ^2 /NDF:559.5/27

All: 5.502 $\pm$ 0.259 χ^2 /NDF: 994.6/51

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 130.301 $\pm$ 0.660 χ^2 /NDF:654.7/8

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 133.804 $\pm$ 0.696 χ^2 /NDF:280.9/6

Left: 131.960 $\pm$ 0.479 χ^2 /NDF: 948.9/15

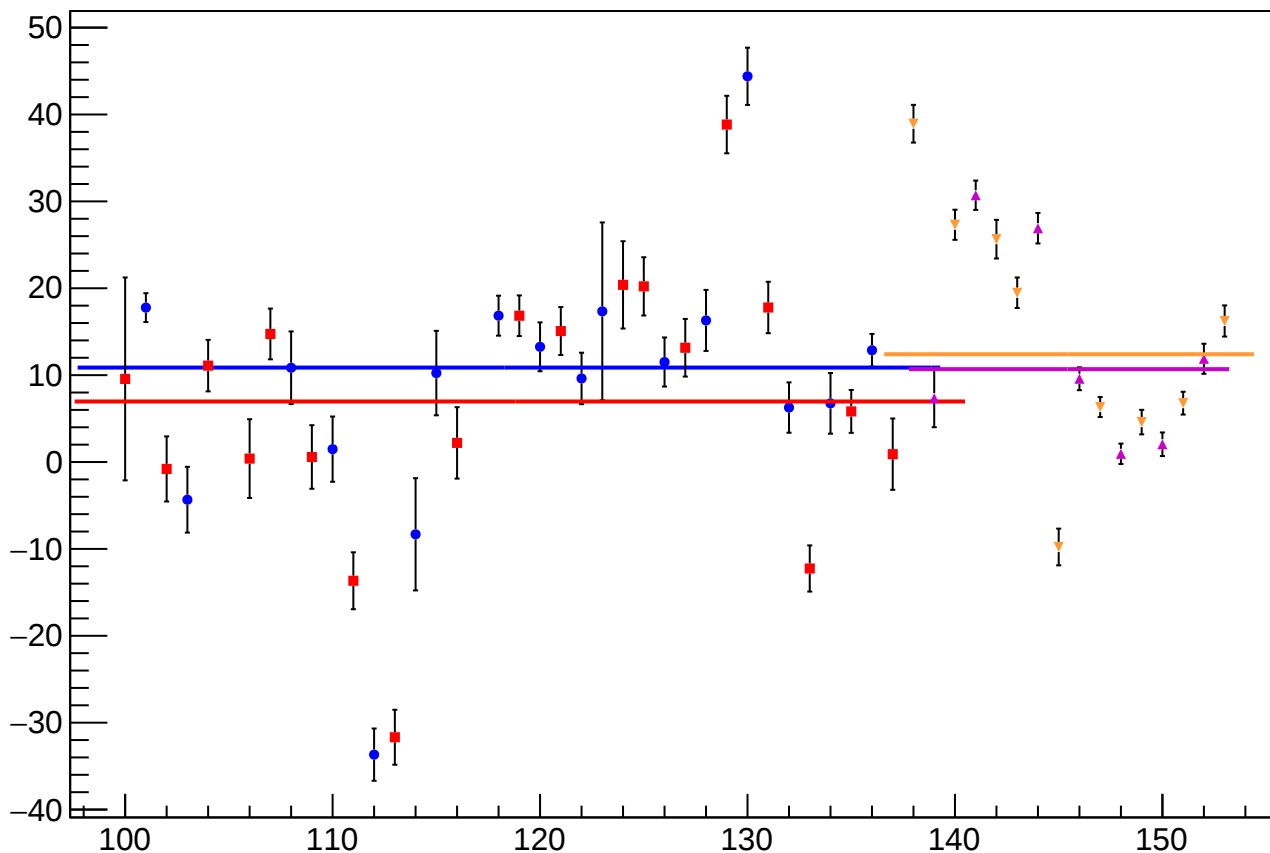
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 139.025 $\pm$ 0.595 χ^2 /NDF:2753.7/23

Out: 138.052 $\pm$ 0.576 χ^2 /NDF:2938.5/27

All: 138.523 $\pm$ 0.414 χ^2 /NDF: 5693.5/51

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.406 $\pm$ 0.539 χ^2 /NDF:466.8/8

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 10.693 $\pm$ 0.583 χ^2 /NDF:337.4/6

Left: 11.617 $\pm$ 0.396 χ^2 /NDF: 808.9/15

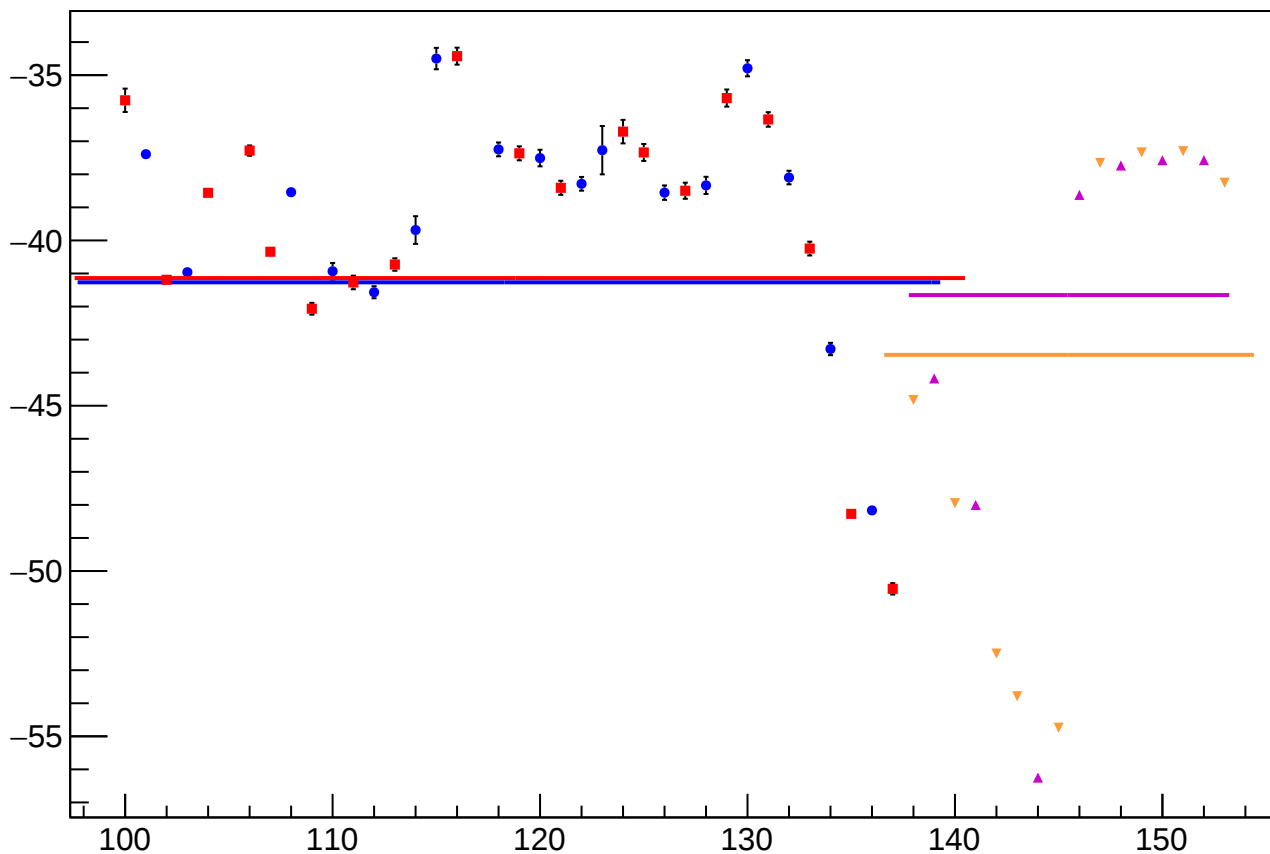
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 10.765 $\pm$ 0.452 χ^2 /NDF:724.2/23

Out: 10.547 $\pm$ 0.437 χ^2 /NDF:923.9/27

All: 10.652 $\pm$ 0.314 χ^2 /NDF: 1648.2/51

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -43.462 ± 0.028 $\chi^2/\text{NDF}: 61173.5/8$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -41.653 ± 0.029 $\chi^2/\text{NDF}: 40472.2/6$

Left: -42.601 ± 0.020 $\chi^2/\text{NDF}: 103692.0/15$

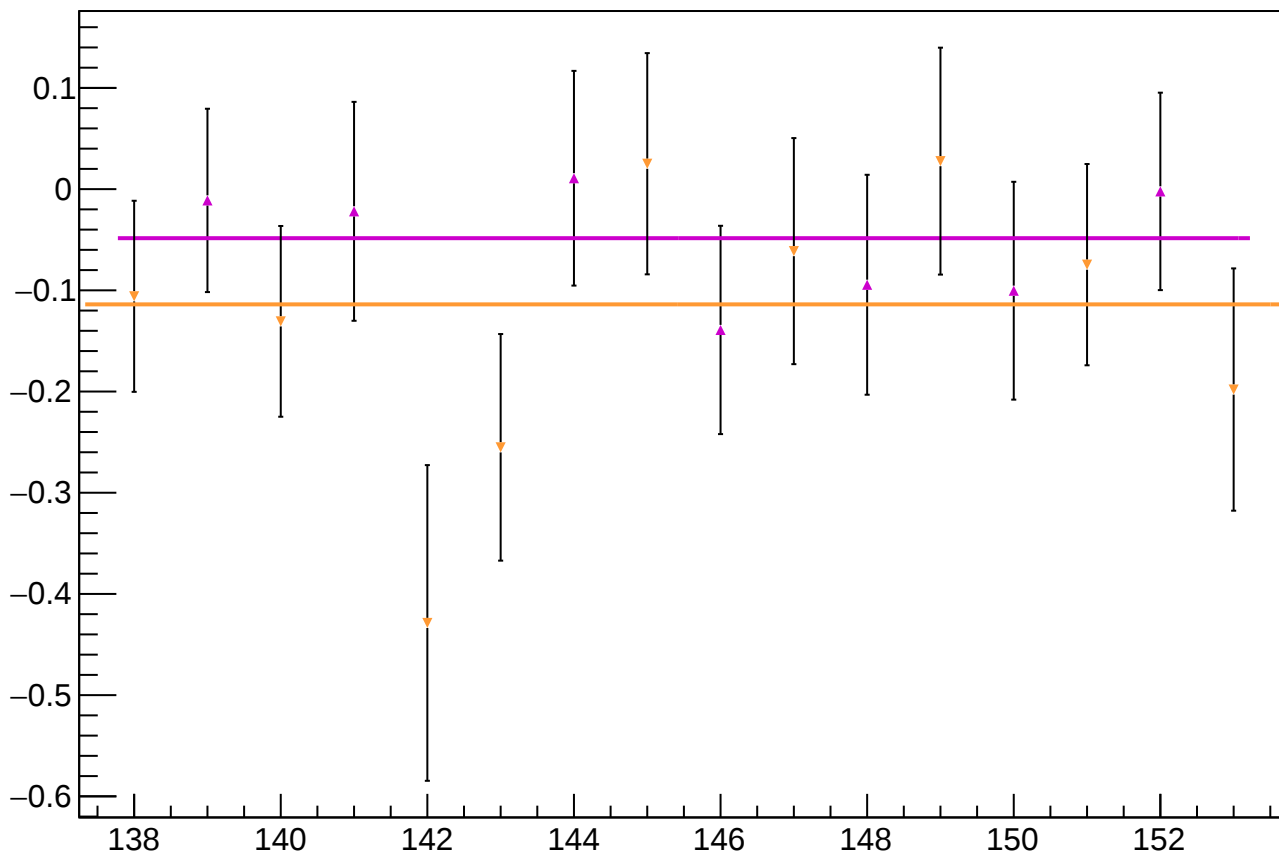
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -41.513 ± 0.023 $\chi^2/\text{NDF}: 53118.0/23$

Out: -42.677 ± 0.022 $\chi^2/\text{NDF}: 75812.2/27$

All: -42.113 ± 0.016 $\chi^2/\text{NDF}: 130233.1/51$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.048+/-0.039 χ^2/NDF : 2.0/6

Left: -0.083+/-0.026 χ^2/NDF : 13.3/15

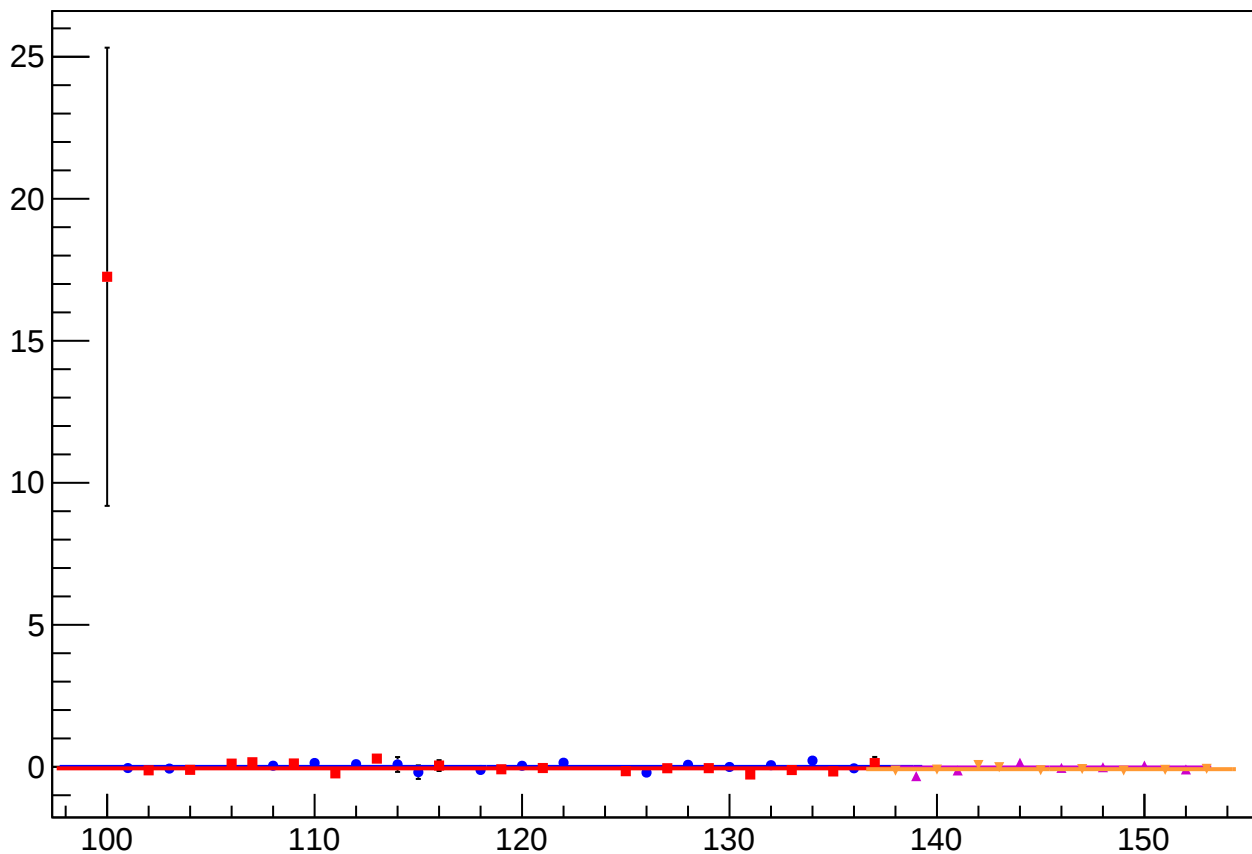
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.048+/-0.039 χ^2/NDF : 2.0/6

Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

All: -0.083+/-0.026 χ^2/NDF : 13.3/15

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.082 ± 0.025 χ^2/NDF : 4.1/8

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.022 ± 0.027 χ^2/NDF : 11.9/6

Left: -0.055 ± 0.018 χ^2/NDF : 18.7/15

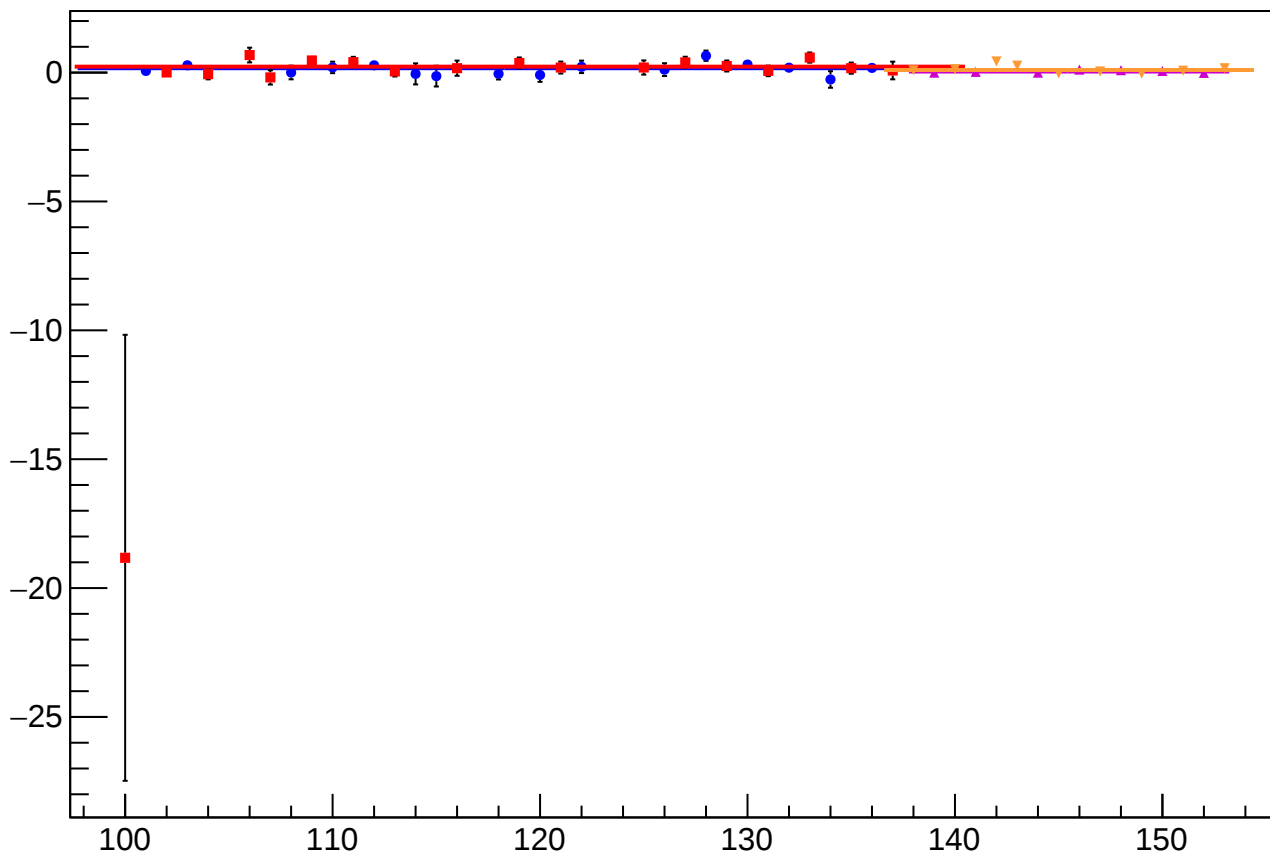
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.012 ± 0.020 χ^2/NDF : 24.3/22

Out: -0.070 ± 0.019 χ^2/NDF : 30.2/26

All: -0.042 ± 0.014 χ^2/NDF : 59.0/49

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.100 $\pm$ 0.036 χ^2 /NDF:9.9/8

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.041 $\pm$ 0.039 χ^2 /NDF:1.6/6

Left: 0.072 $\pm$ 0.027 χ^2 /NDF: 12.7/15

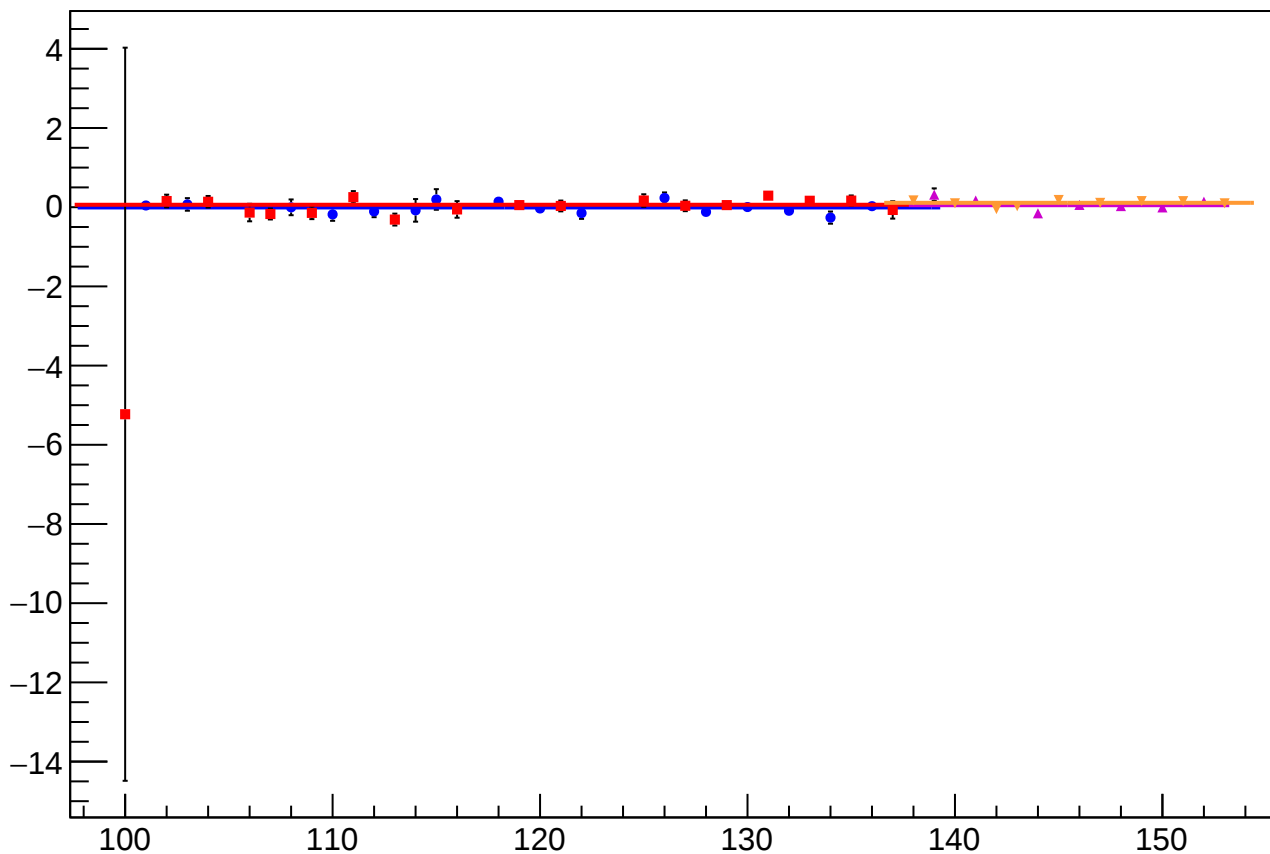
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.087 $\pm$ 0.031 χ^2 /NDF:18.5/22

Out: 0.141 $\pm$ 0.030 χ^2 /NDF:35.5/26

All: 0.114 $\pm$ 0.022 χ^2 /NDF: 55.6/49

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.111 ± 0.030 $\chi^2/\text{NDF}: 4.0/8$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.050 ± 0.033 $\chi^2/\text{NDF}: 11.2/6$

Left: 0.083 ± 0.022 $\chi^2/\text{NDF}: 17.0/15$

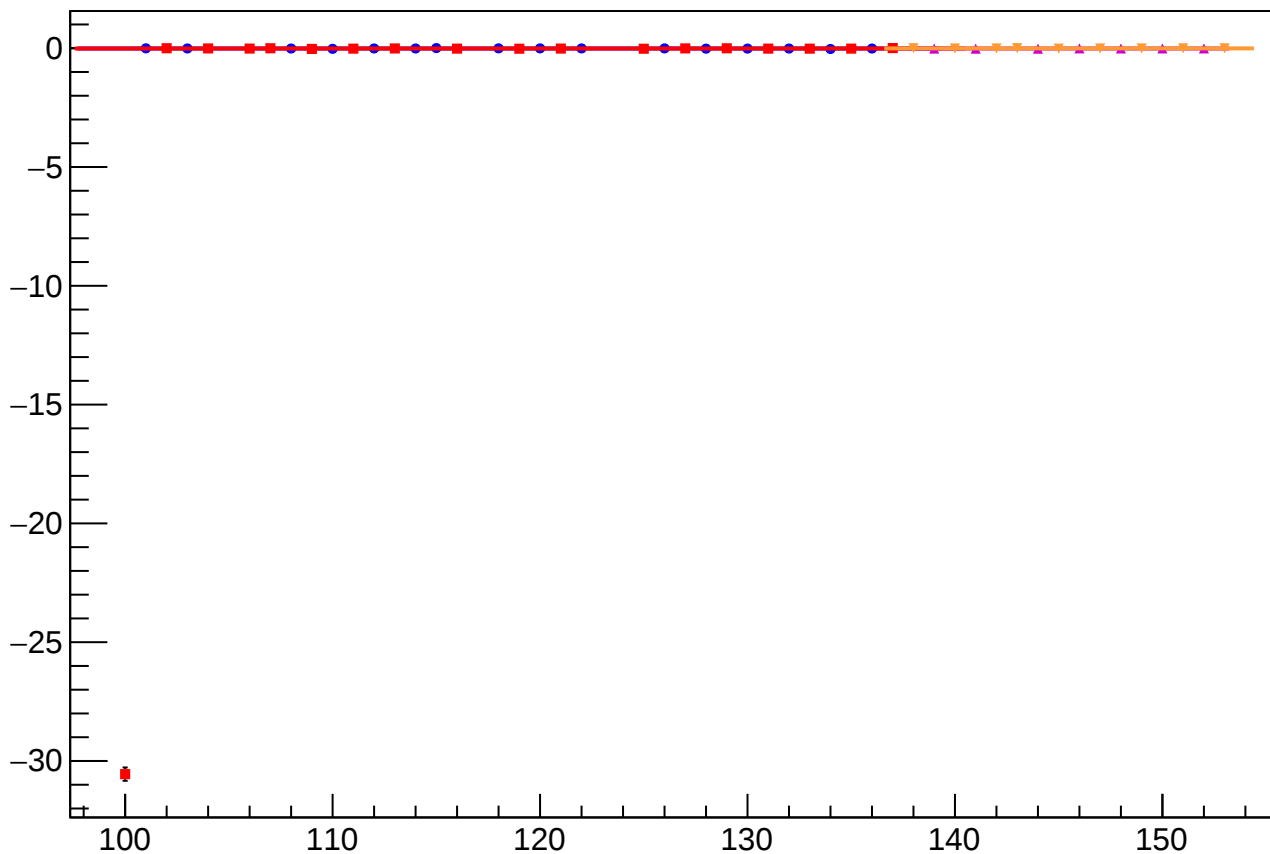
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.021 ± 0.023 $\chi^2/\text{NDF}: 25.9/22$

Out: 0.089 ± 0.023 $\chi^2/\text{NDF}: 25.4/26$

All: 0.056 ± 0.016 $\chi^2/\text{NDF}: 55.7/49$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 $\pm$ 0.002 χ^2/NDF : 12.8/8

Right Out: -0.012 $\pm$ 0.002 χ^2/NDF : 11890.6/17

Left In: -0.012 $\pm$ 0.002 χ^2/NDF : 7.9/6

Left: -0.010 $\pm$ 0.001 χ^2/NDF : 26.0/15

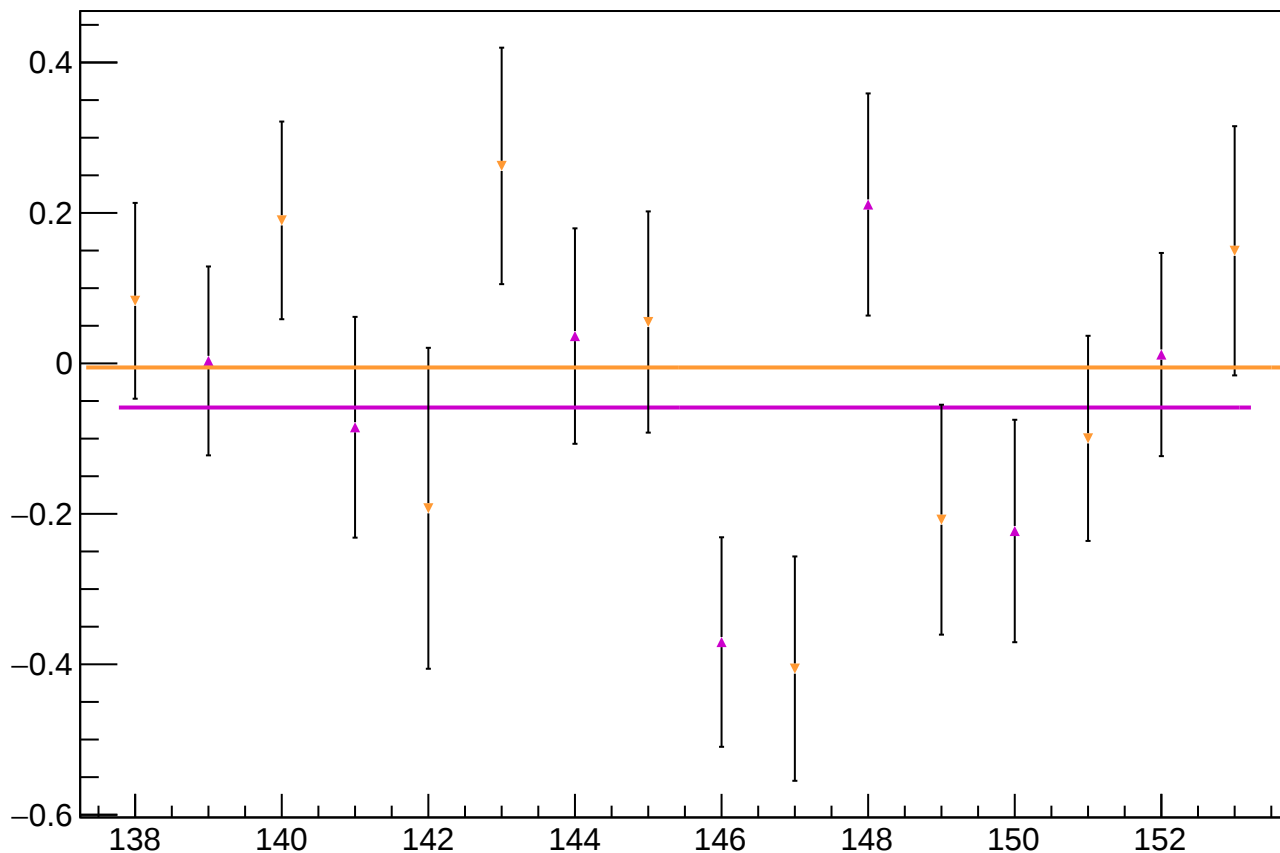
Right: -0.012 $\pm$ 0.001 χ^2/NDF : 11903.4/33

In: -0.012 $\pm$ 0.001 χ^2/NDF : 20.8/22

Out: -0.009 $\pm$ 0.001 χ^2/NDF : 11907.1/26

All: -0.011 $\pm$ 0.001 χ^2/NDF : 11930.9/49

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.005 $\pm$ 0.050 χ^2 /NDF:16.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Left: -0.030 $\pm$ 0.036 χ^2 /NDF: 27.9/15

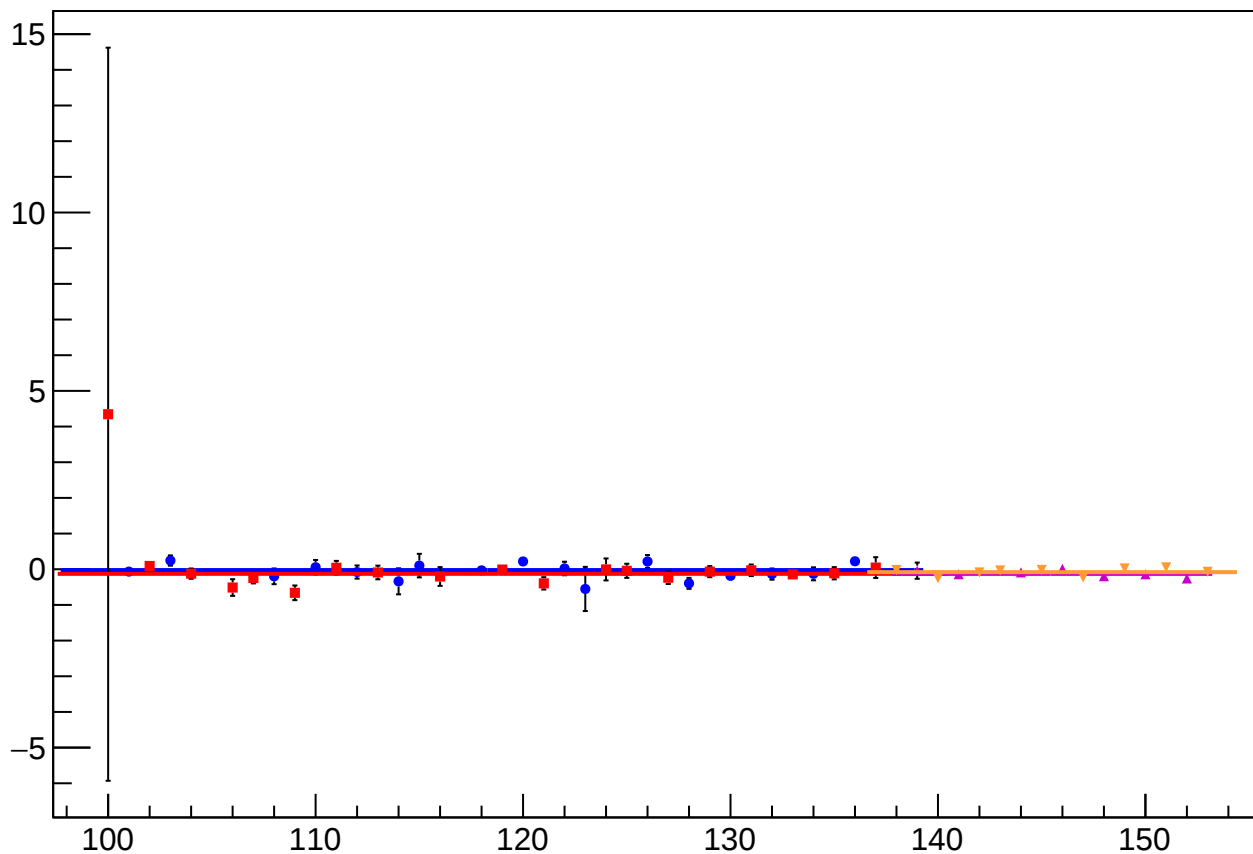
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Out: -0.005 $\pm$ 0.050 χ^2 /NDF:16.8/8

All: -0.030 $\pm$ 0.036 χ^2 /NDF: 27.9/15

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.081 ± 0.034 $\chi^2/\text{NDF}: 11.9/8$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.130 ± 0.037 $\chi^2/\text{NDF}: 5.7/6$

Left: -0.104 ± 0.025 $\chi^2/\text{NDF}: 18.6/15$

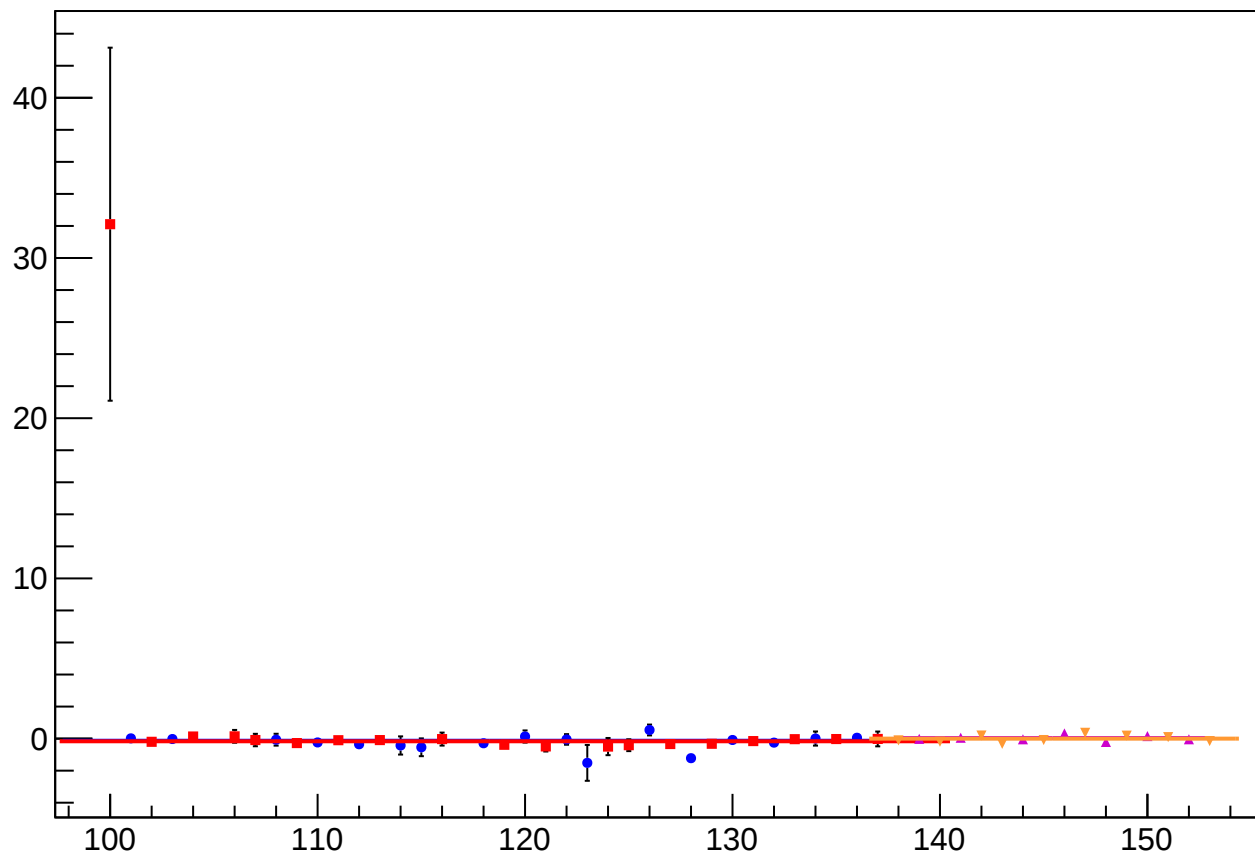
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.076 ± 0.026 $\chi^2/\text{NDF}: 32.4/23$

Out: -0.101 ± 0.026 $\chi^2/\text{NDF}: 31.5/27$

All: -0.089 ± 0.018 $\chi^2/\text{NDF}: 64.4/51$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.001 ± 0.050 $\chi^2/\text{NDF}: 17.3/8$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.036 ± 0.053 $\chi^2/\text{NDF}: 9.3/6$

Left: 0.017 ± 0.036 $\chi^2/\text{NDF}: 26.9/15$

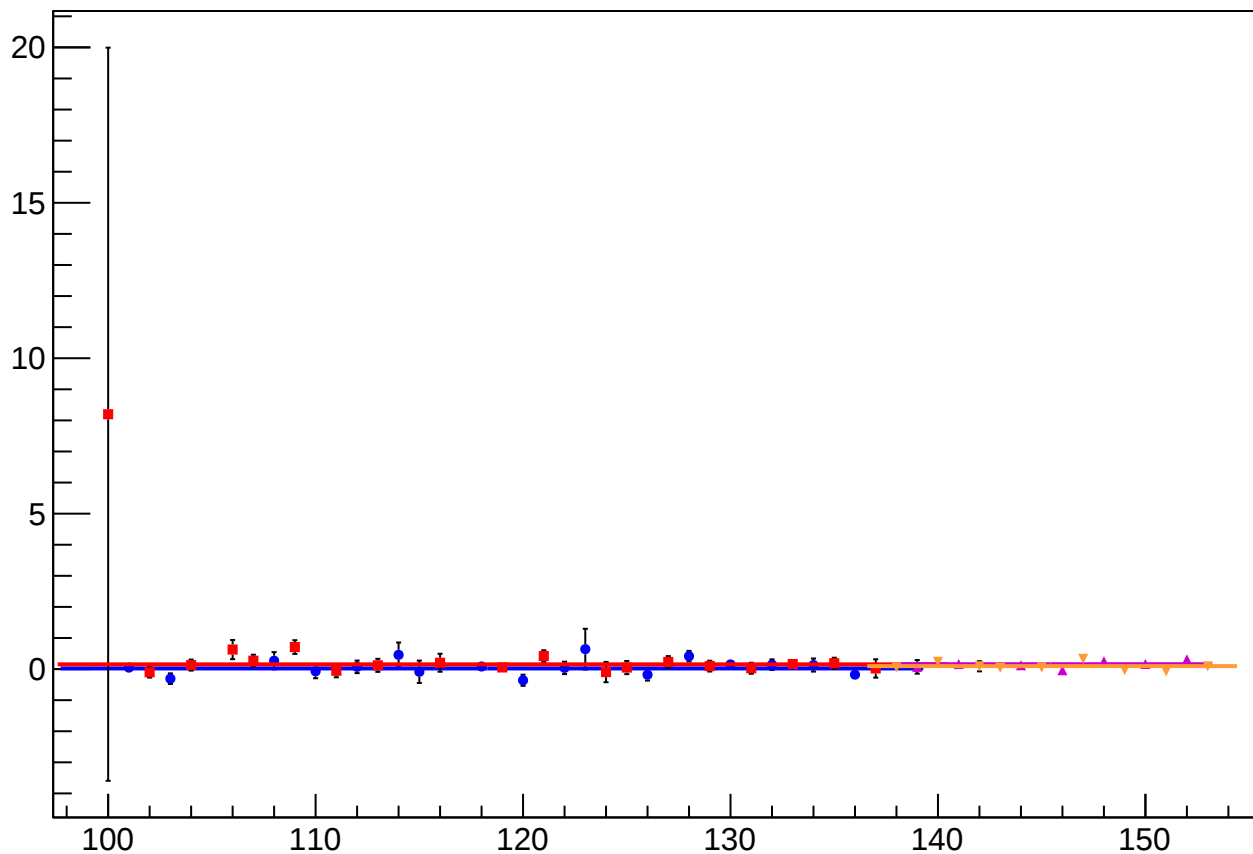
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.029 ± 0.041 $\chi^2/\text{NDF}: 39.0/23$

Out: -0.056 ± 0.041 $\chi^2/\text{NDF}: 35.7/27$

All: -0.043 ± 0.029 $\chi^2/\text{NDF}: 74.9/51$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.095+/-0.042 χ^2/NDF :11.1/8

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.156+/-0.045 χ^2/NDF :6.2/6

Left: 0.123+/-0.031 χ^2/NDF : 18.3/15

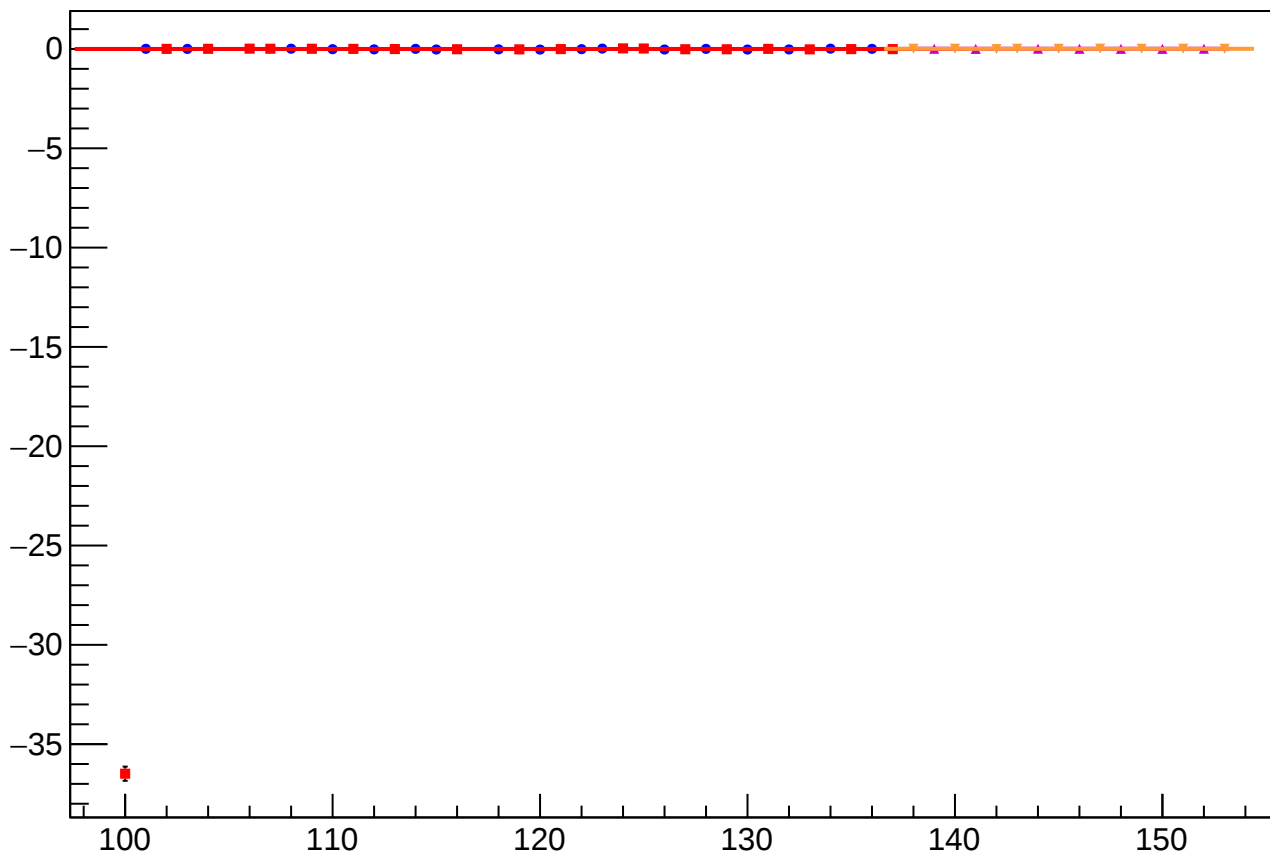
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.083+/-0.031 χ^2/NDF :32.8/23

Out: 0.121+/-0.031 χ^2/NDF :29.2/27

All: 0.102+/-0.022 χ^2/NDF : 62.8/51

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.6/8

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 3.0/6

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 7.6/15

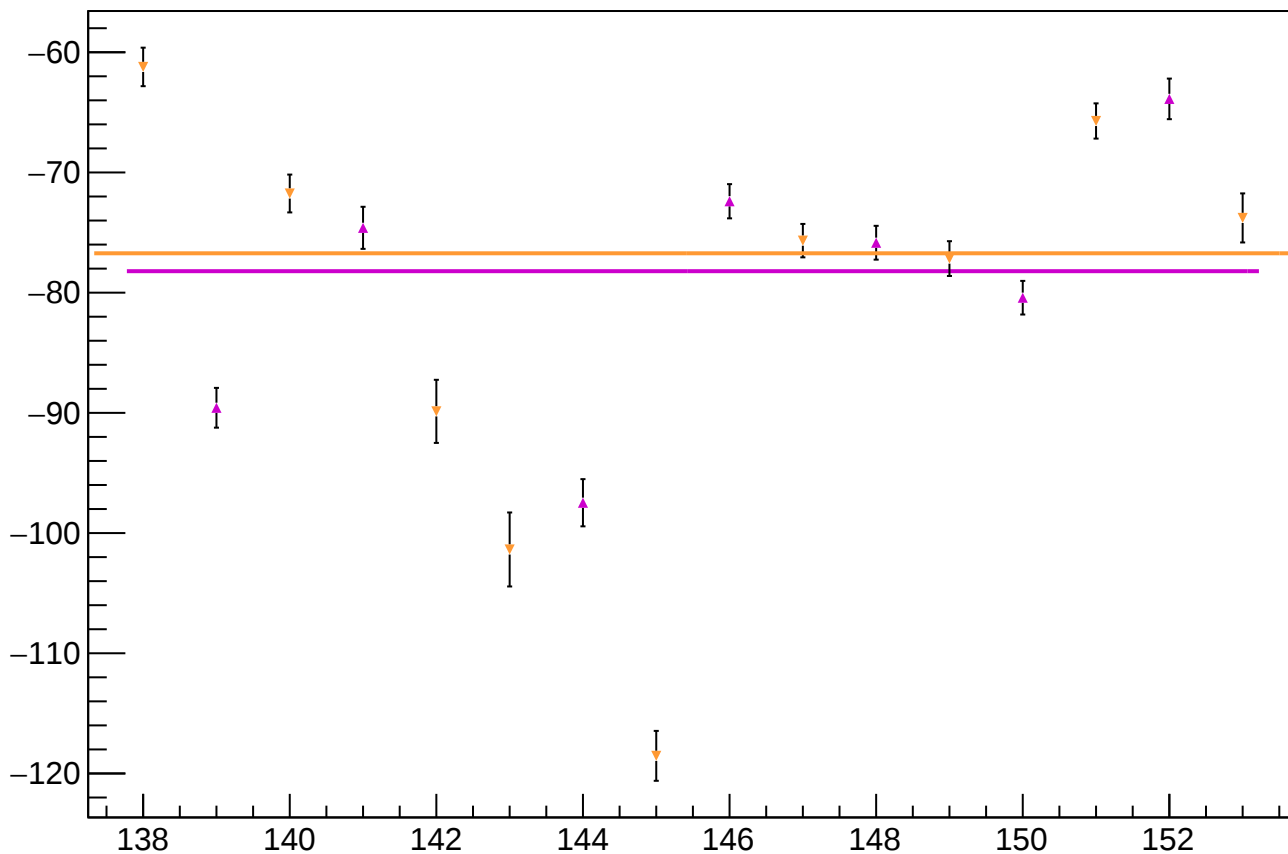
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.006 $\pm$ 0.002 χ^2 /NDF: 44.6/23

Out: 0.006 $\pm$ 0.002 χ^2 /NDF: 10463.4/27

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10508.0/51

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.724+/-0.580 χ^2/NDF :657.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.213+/-0.596 χ^2/NDF :241.7/6

Left: -77.447+/-0.416 χ^2/NDF : 902.7/15

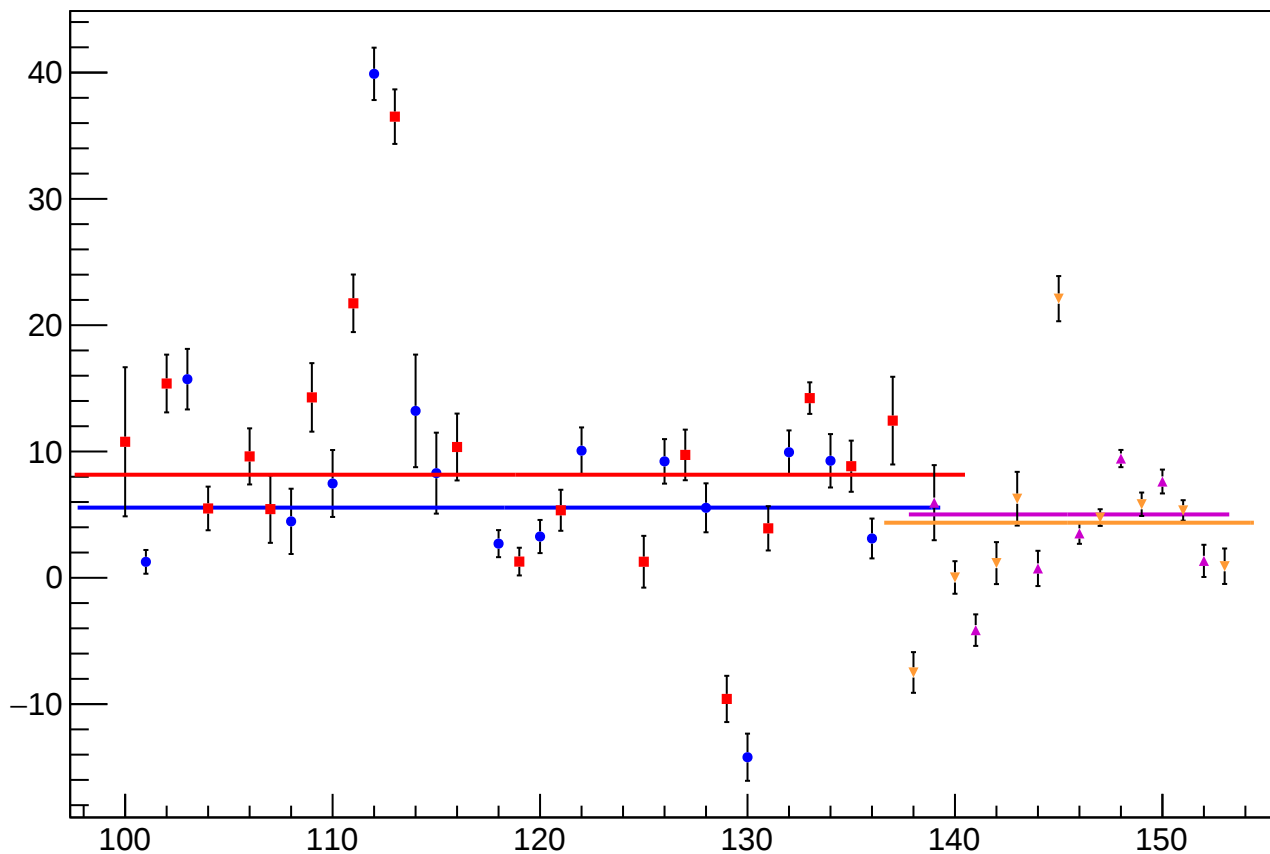
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -76.724+/-0.580 χ^2/NDF :657.8/8

All: -77.447+/-0.416 χ^2/NDF : 902.7/15

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.362 ± 0.368 $\chi^2/\text{NDF}: 178.7/8$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 5.017 ± 0.389 $\chi^2/\text{NDF}: 124.6/6$

Left: 4.672 ± 0.267 $\chi^2/\text{NDF}: 304.8/15$

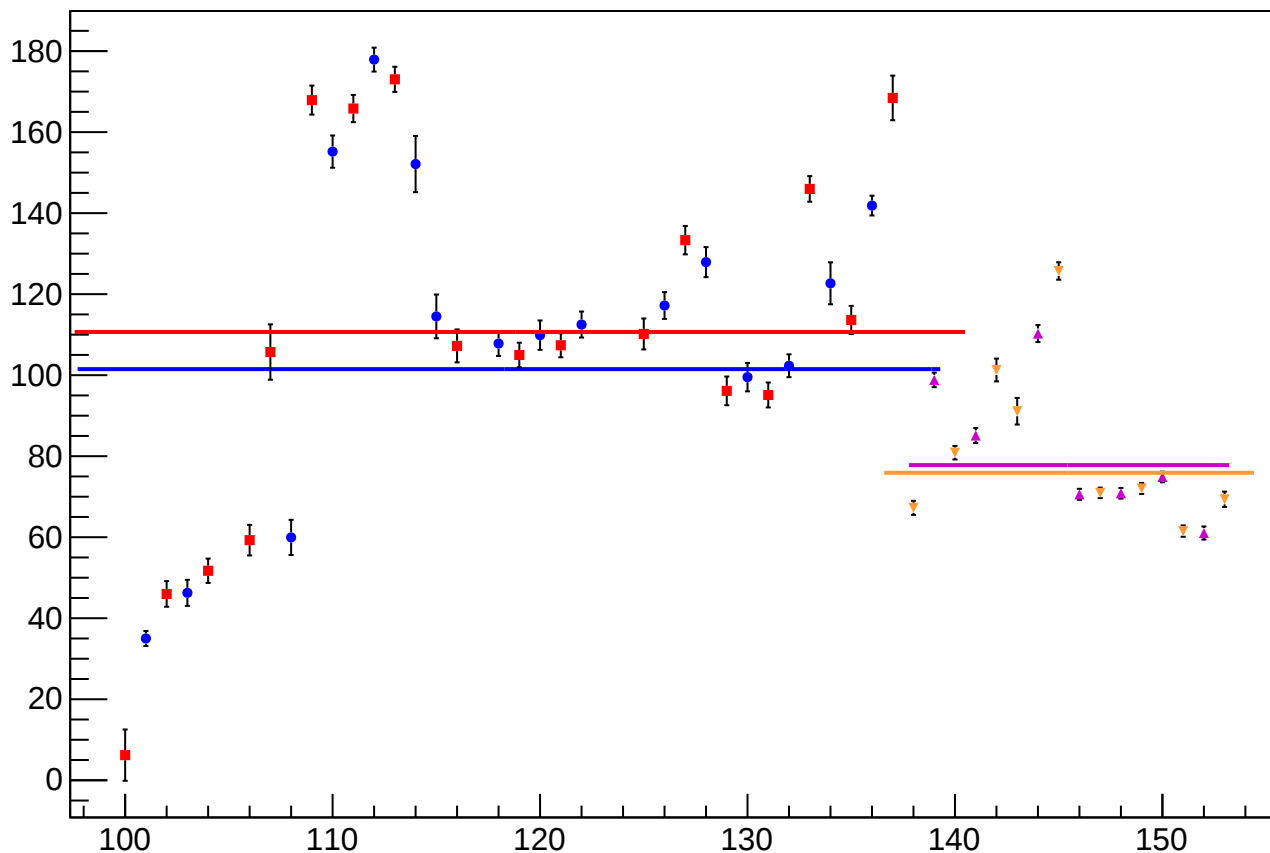
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 5.264 ± 0.287 $\chi^2/\text{NDF}: 587.5/22$

Out: 5.873 ± 0.286 $\chi^2/\text{NDF}: 628.0/26$

All: 5.569 ± 0.202 $\chi^2/\text{NDF}: 1217.8/49$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.909 $\pm$ 0.572 χ^2 /NDF:811.8/8

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 77.802 $\pm$ 0.586 χ^2 /NDF:560.5/6

Left: 76.833 $\pm$ 0.410 χ^2 /NDF: 1377.6/15

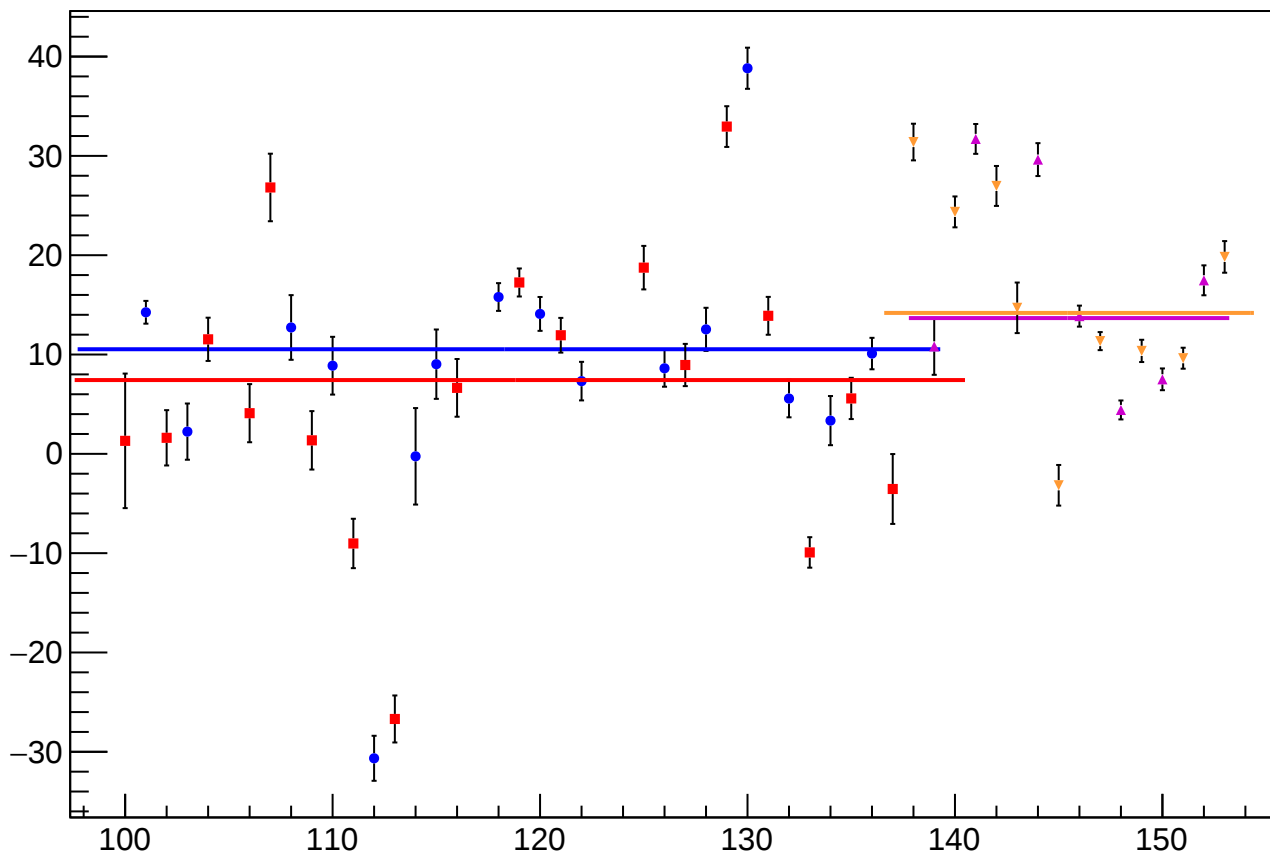
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 85.971 $\pm$ 0.475 χ^2 /NDF:4096.6/22

Out: 87.004 $\pm$ 0.472 χ^2 /NDF:4503.1/26

All: 86.490 $\pm$ 0.335 χ^2 /NDF: 8602.0/49

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.189 $\pm$ 0.464 χ^2 /NDF: 294.7/8

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 13.670 $\pm$ 0.488 χ^2 /NDF: 370.1/6

Left: 13.943 $\pm$ 0.336 χ^2 /NDF: 665.4/15

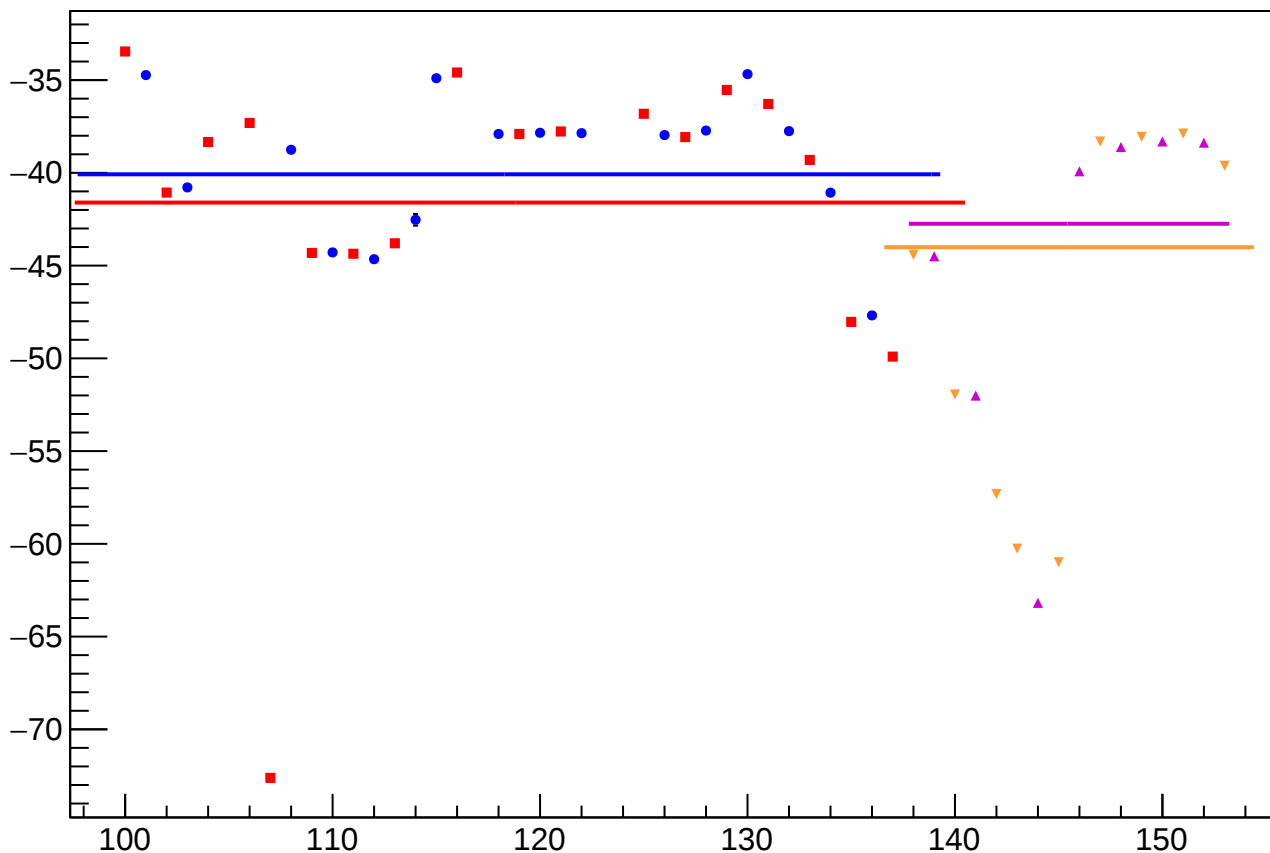
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.116 $\pm$ 0.347 χ^2 /NDF: 970.9/22

Out: 11.215 $\pm$ 0.347 χ^2 /NDF: 1073.9/26

All: 11.666 $\pm$ 0.245 χ^2 /NDF: 2048.1/49

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -44.008 ± 0.024 χ^2/NDF : 113756.0/8

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -42.745 ± 0.024 χ^2/NDF : 83426.9/6

Left: -43.385 ± 0.017 χ^2/NDF : 198534.3/15

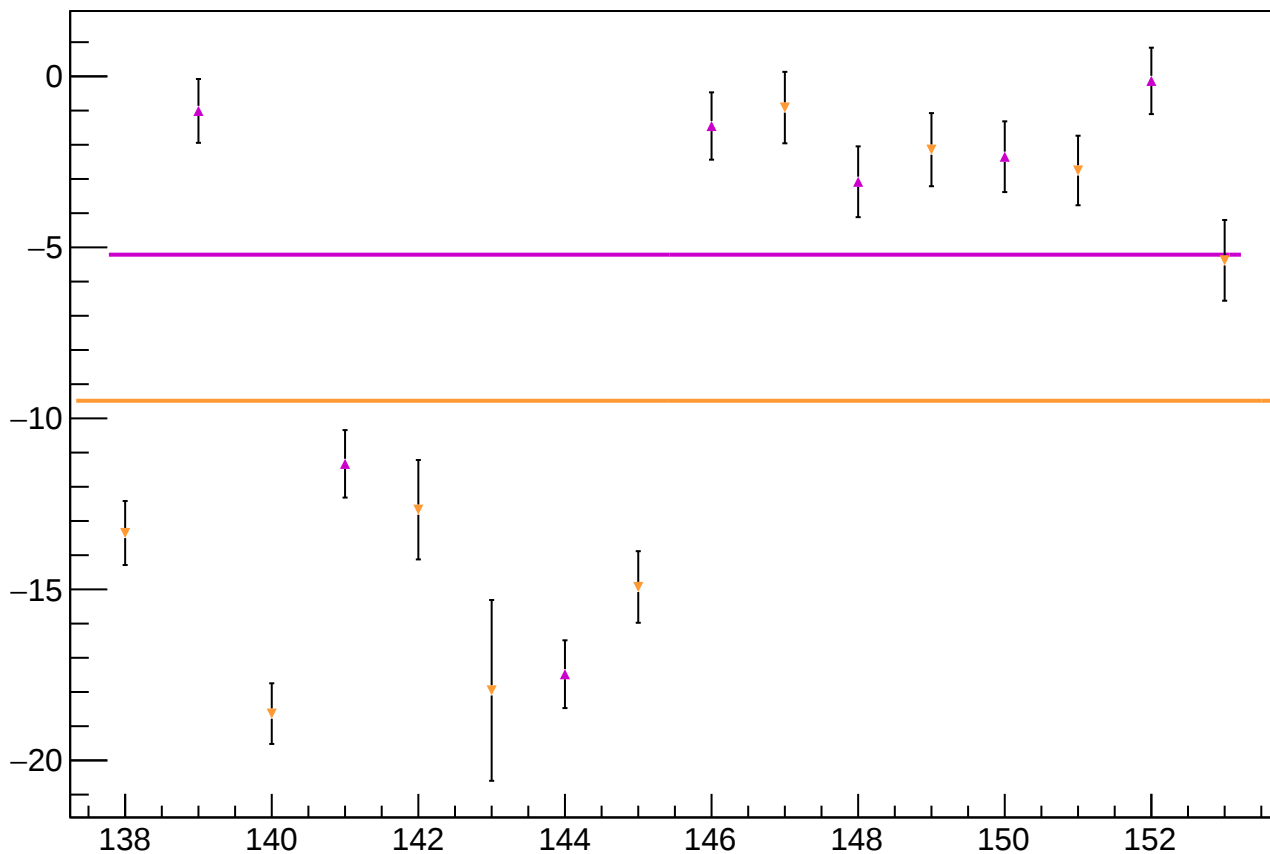
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.602 ± 0.018 χ^2/NDF : 113674.9/22

Out: -43.007 ± 0.018 χ^2/NDF : 179750.7/26

All: -42.306 ± 0.013 χ^2/NDF : 296321.3/49

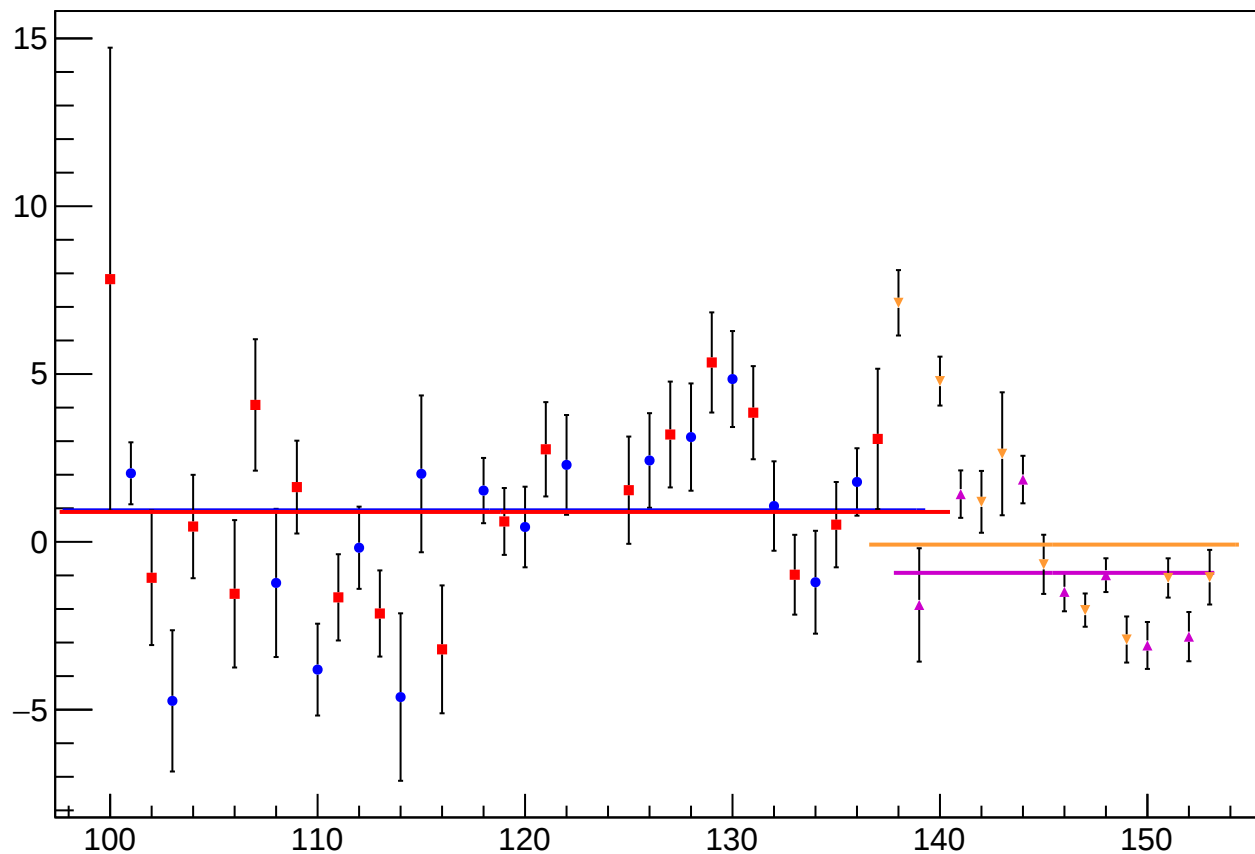
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.484+/-0.367 χ^2/NDF :336.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.214+/-0.374 χ^2/NDF :265.8/6

Left: -7.388+/-0.262 χ^2/NDF : 668.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.214+/-0.374 χ^2/NDF :265.8/6
 Out: -9.484+/-0.367 χ^2/NDF :336.1/8
 All: -7.388+/-0.262 χ^2/NDF : 668.4/15

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: -0.082 ± 0.248 $\chi^2/\text{NDF}: 140.6/8$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.924 ± 0.257 $\chi^2/\text{NDF}: 44.0/6$

Left: -0.487 ± 0.178 $\chi^2/\text{NDF}: 190.2/15$

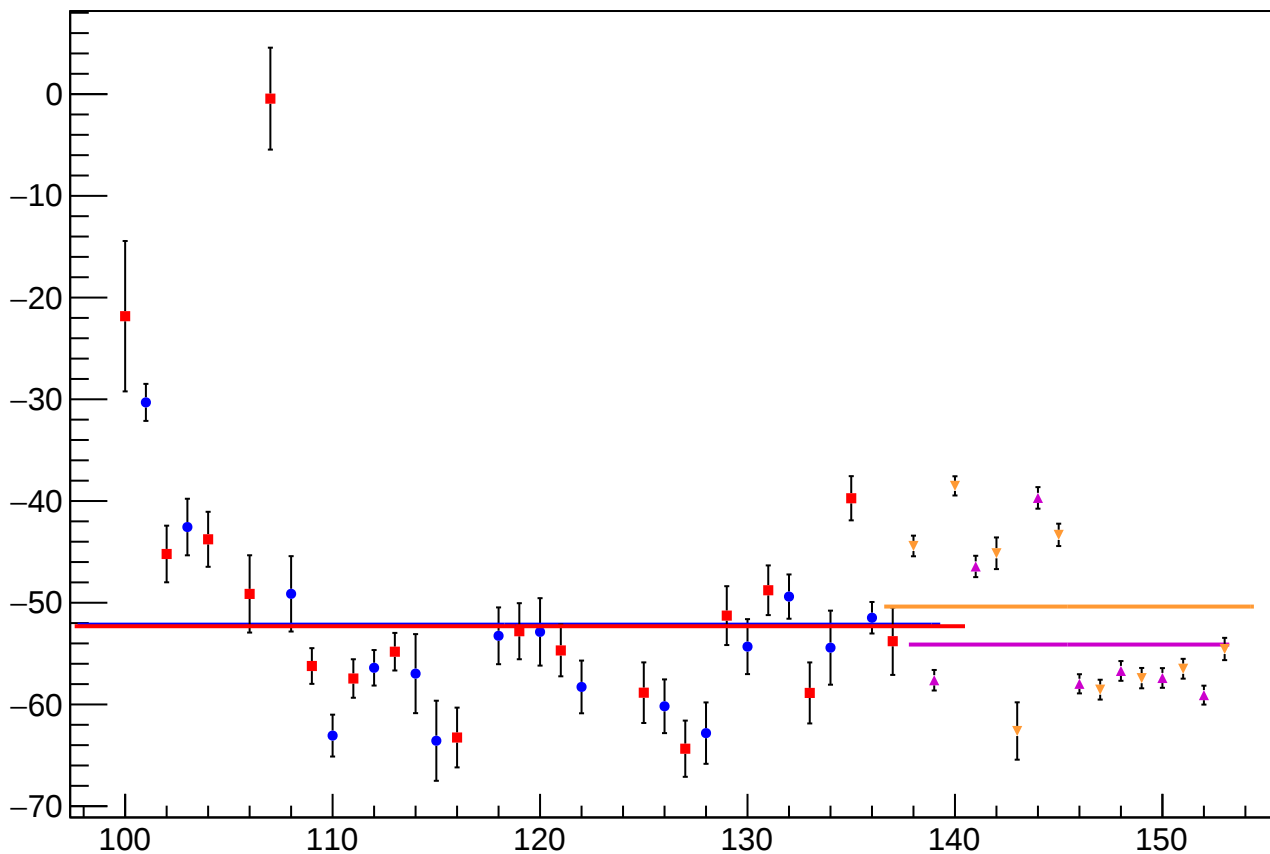
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.244 ± 0.205 $\chi^2/\text{NDF}: 105.4/22$

Out: 0.238 ± 0.203 $\chi^2/\text{NDF}: 187.3/26$

All: -0.001 ± 0.144 $\chi^2/\text{NDF}: 295.5/49$

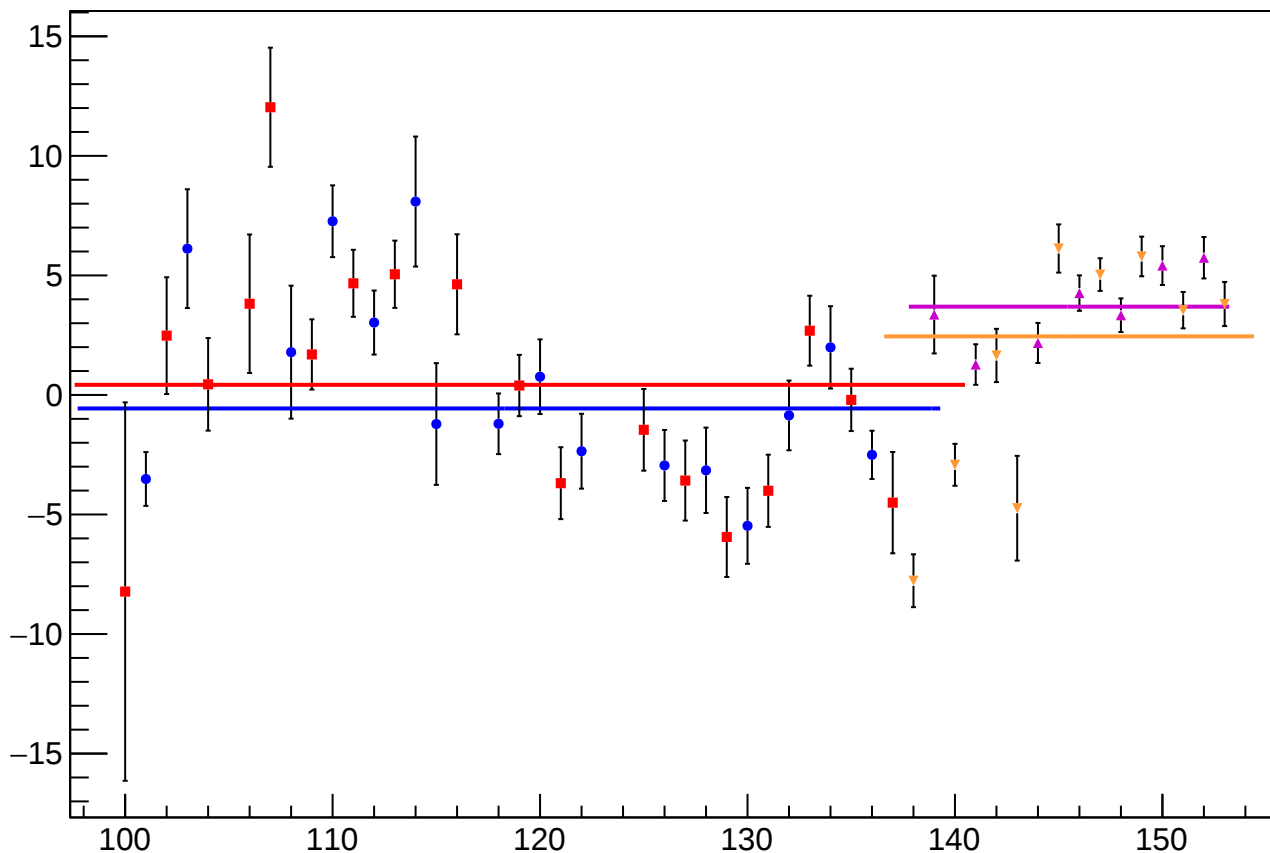
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$
 Left Out: -50.376 ± 0.368 $\chi^2/\text{NDF}: 437.2/8$
 Right Out: -52.310 ± 0.616 $\chi^2/\text{NDF}: 234.8/17$
 Left In: -54.111 ± 0.373 $\chi^2/\text{NDF}: 314.6/6$

Left: -52.217 ± 0.262 $\chi^2/\text{NDF}: 802.7/15$
 Right: -52.232 ± 0.434 $\chi^2/\text{NDF}: 465.9/33$
 In: -53.582 ± 0.319 $\chi^2/\text{NDF}: 553.1/22$
 Out: -50.884 ± 0.316 $\chi^2/\text{NDF}: 679.3/26$
 All: -52.221 ± 0.224 $\chi^2/\text{NDF}: 1268.6/49$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 3.049 ± 0.221 χ^2/NDF : 212.8/15

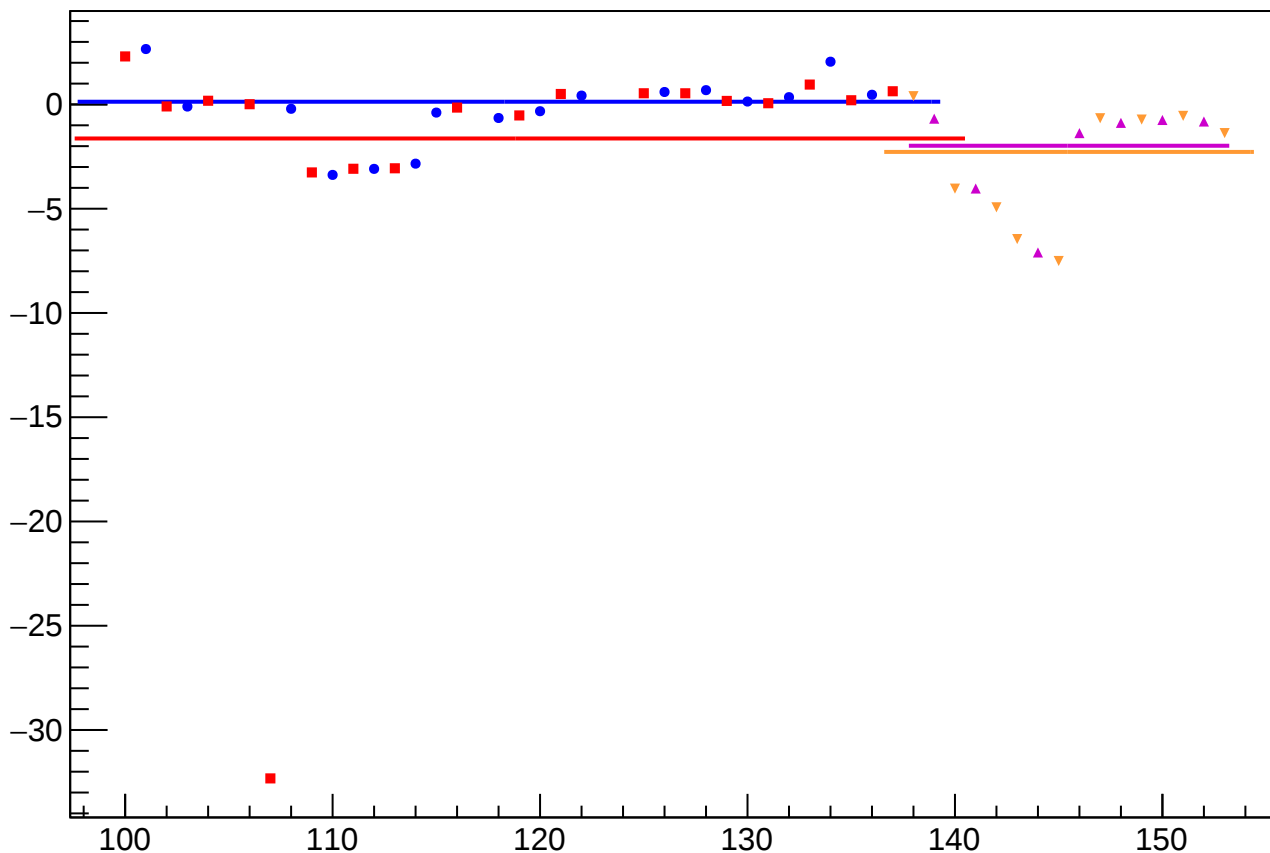
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.963 ± 0.245 χ^2/NDF : 177.1/22

Out: 1.698 ± 0.243 χ^2/NDF : 294.0/26

All: 1.830 ± 0.173 χ^2/NDF : 471.7/49

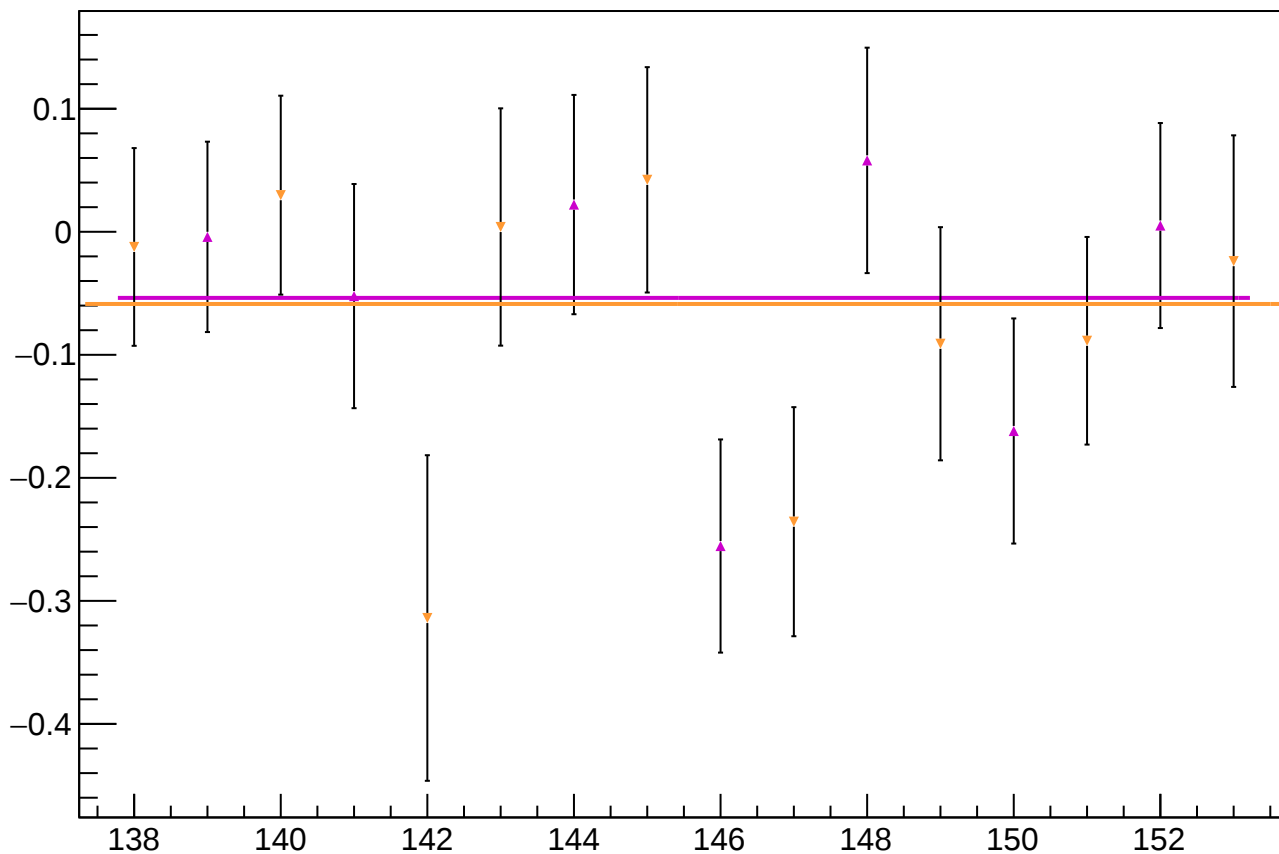
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.276 ± 0.015 $\chi^2/\text{NDF}: 28955.9/8$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.980 ± 0.015 $\chi^2/\text{NDF}: 18644.6/6$

Left: -2.130 ± 0.011 $\chi^2/\text{NDF}: 47787.7/15$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.265 ± 0.013 $\chi^2/\text{NDF}: 30241.2/22$
 Out: -2.065 ± 0.012 $\chi^2/\text{NDF}: 107417.8/26$
 All: -1.667 ± 0.009 $\chi^2/\text{NDF}: 139708.1/49$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.059+/-0.031 χ^2/NDF :10.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.054+/-0.033 χ^2/NDF :9.9/6

Left: -0.056+/-0.022 χ^2/NDF : 20.8/15

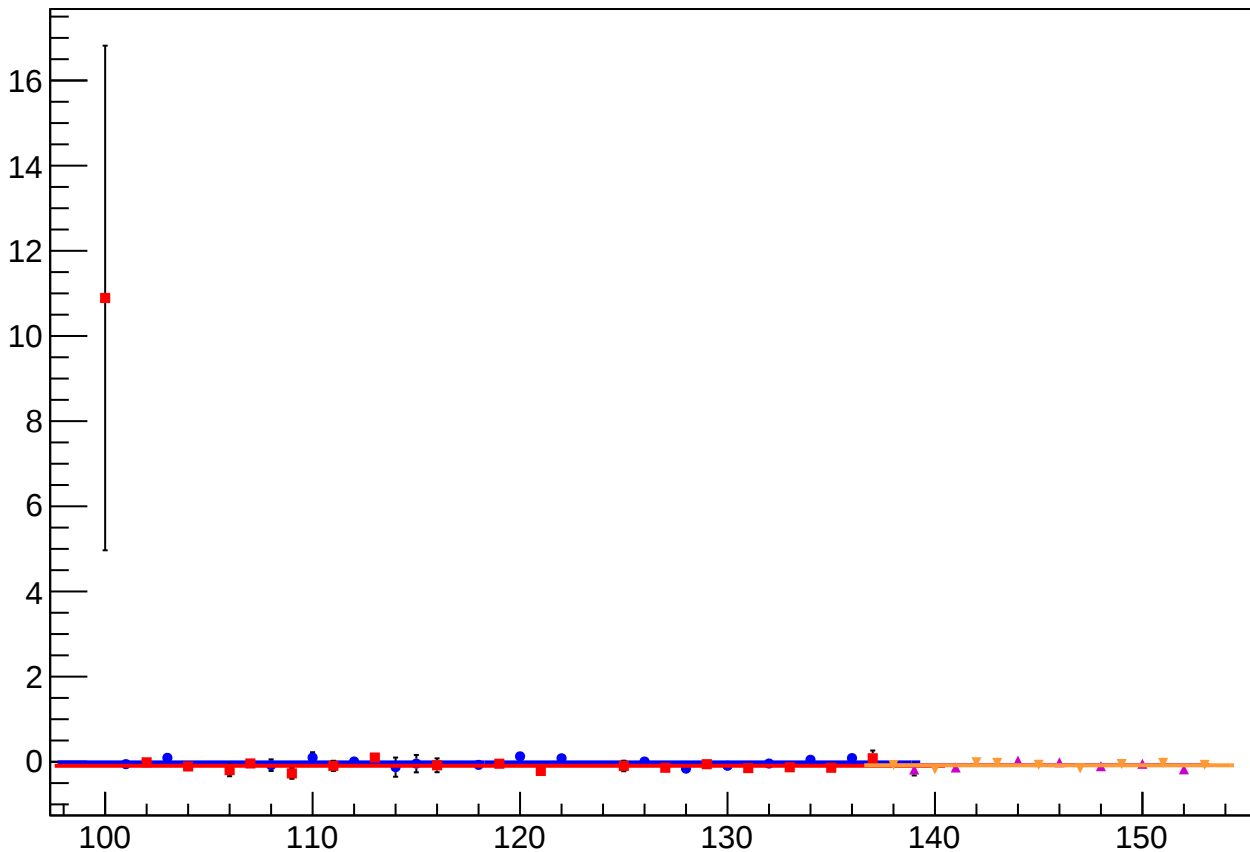
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.033 χ^2/NDF :9.9/6

Out: -0.059+/-0.031 χ^2/NDF :10.9/8

All: -0.056+/-0.022 χ^2/NDF : 20.8/15

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.082 $\pm$ 0.021 χ^2 /NDF: 7.8/8

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.076 $\pm$ 0.023 χ^2 /NDF: 8.7/6

Left: -0.079 $\pm$ 0.015 χ^2 /NDF: 16.6/15

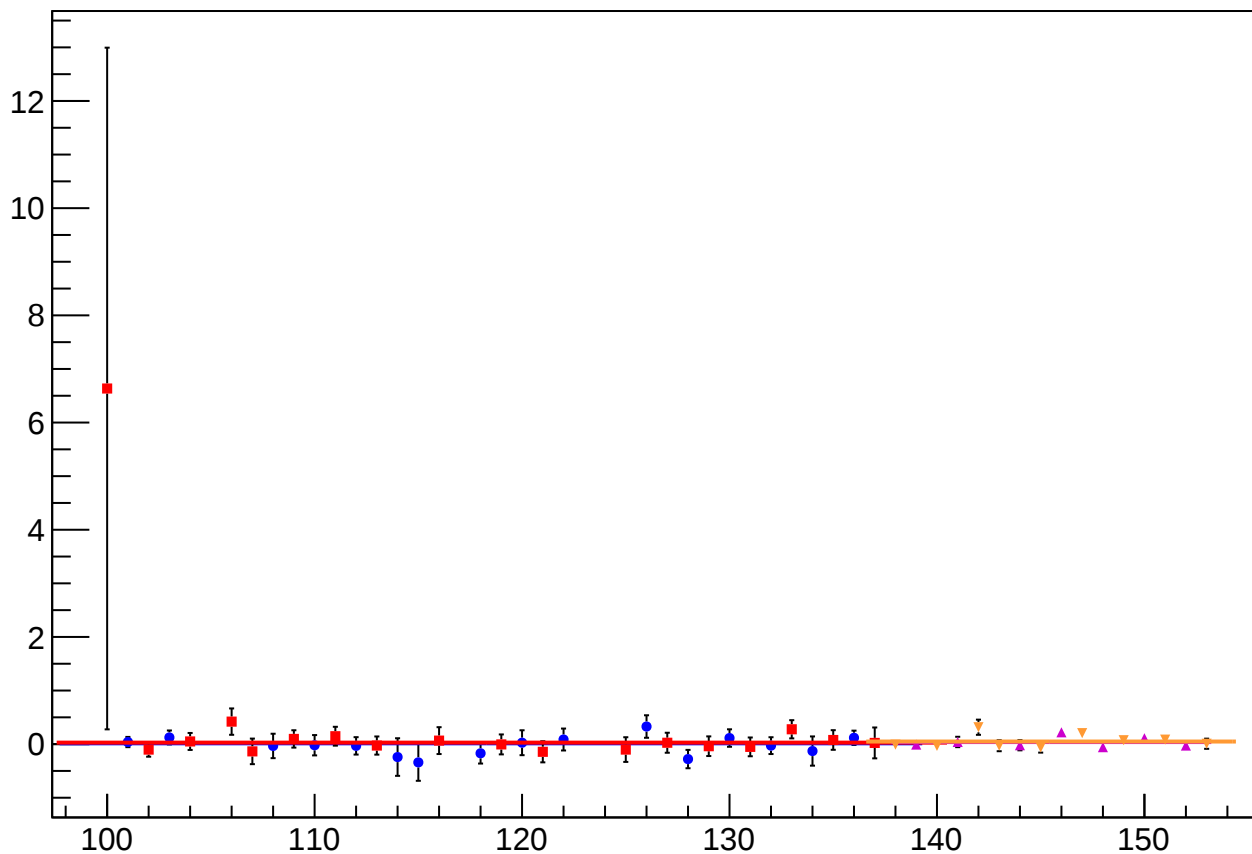
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.045 $\pm$ 0.016 χ^2 /NDF: 24.8/22

Out: -0.087 $\pm$ 0.016 χ^2 /NDF: 21.5/26

All: -0.066 $\pm$ 0.011 χ^2 /NDF: 49.5/49

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.049 $\pm$ 0.031 χ^2 /NDF:10.5/8

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.039 $\pm$ 0.033 χ^2 /NDF:8.1/6

Left: 0.044 $\pm$ 0.022 χ^2 /NDF: 18.7/15

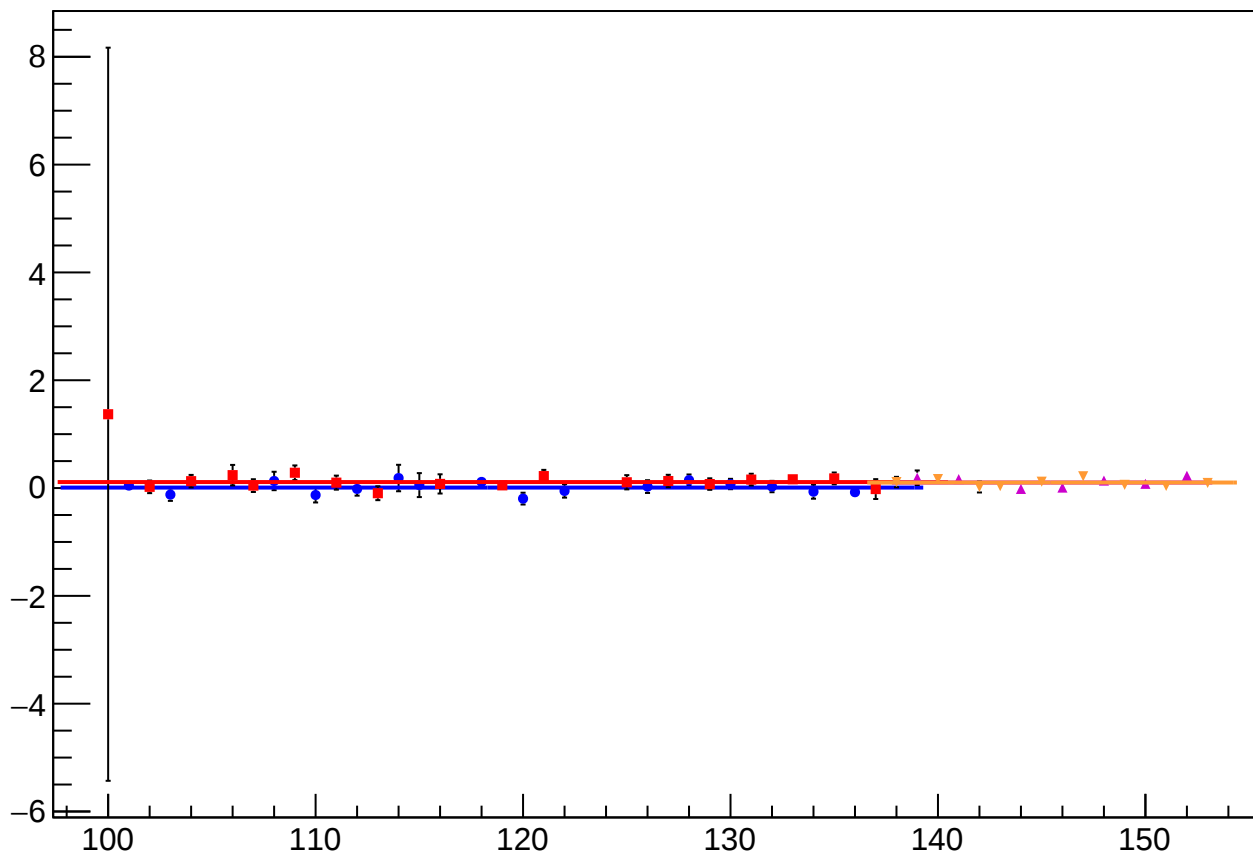
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.030 $\pm$ 0.026 χ^2 /NDF:18.4/22

Out: 0.042 $\pm$ 0.026 χ^2 /NDF:20.2/26

All: 0.036 $\pm$ 0.018 χ^2 /NDF: 38.7/49

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.103 $\pm$ 0.026 χ^2 /NDF: 7.1/8

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.102 $\pm$ 0.028 χ^2 /NDF: 8.9/6

Left: 0.102 $\pm$ 0.019 χ^2 /NDF: 15.9/15

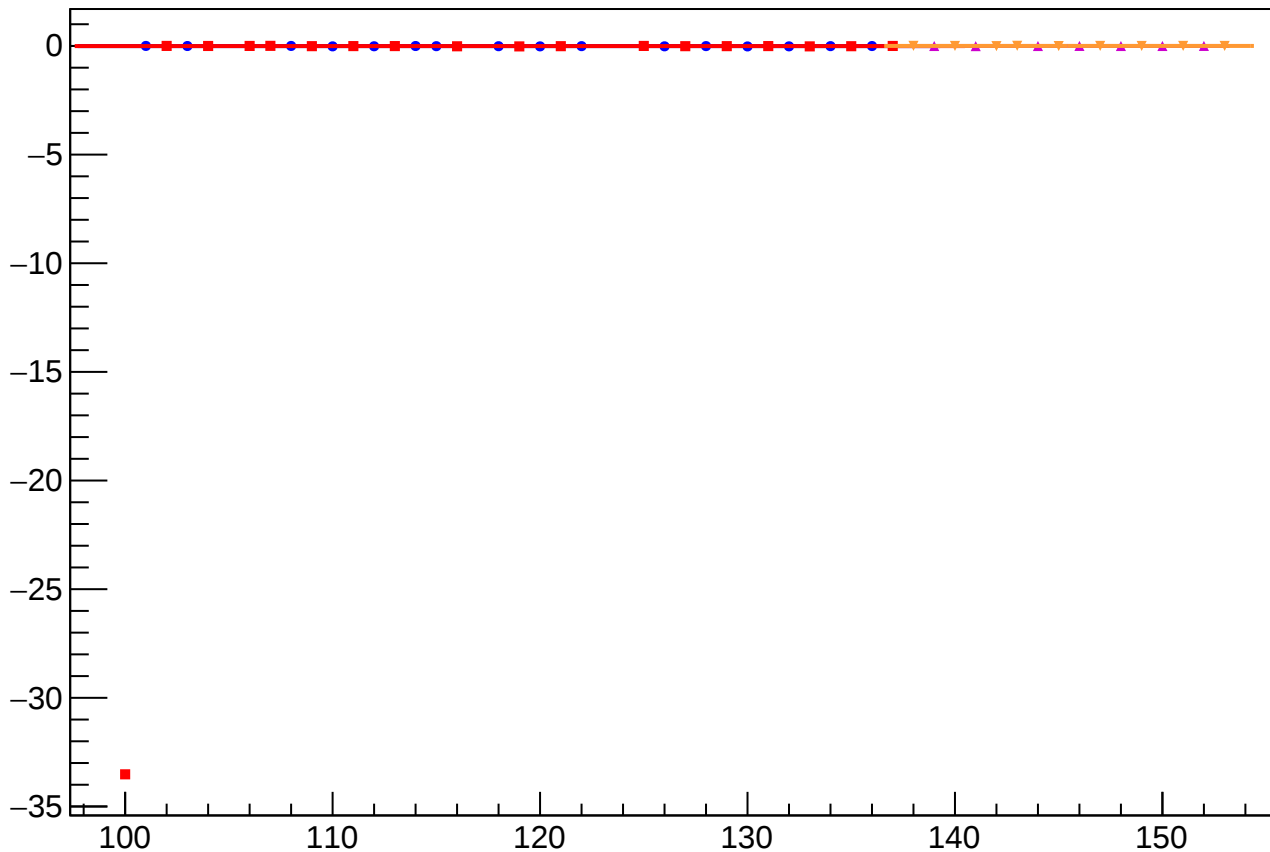
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.053 $\pm$ 0.019 χ^2 /NDF: 27.3/22

Out: 0.106 $\pm$ 0.019 χ^2 /NDF: 15.7/26

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 46.8/49

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF: 8.7/8

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF: 4.5/6

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.8/15

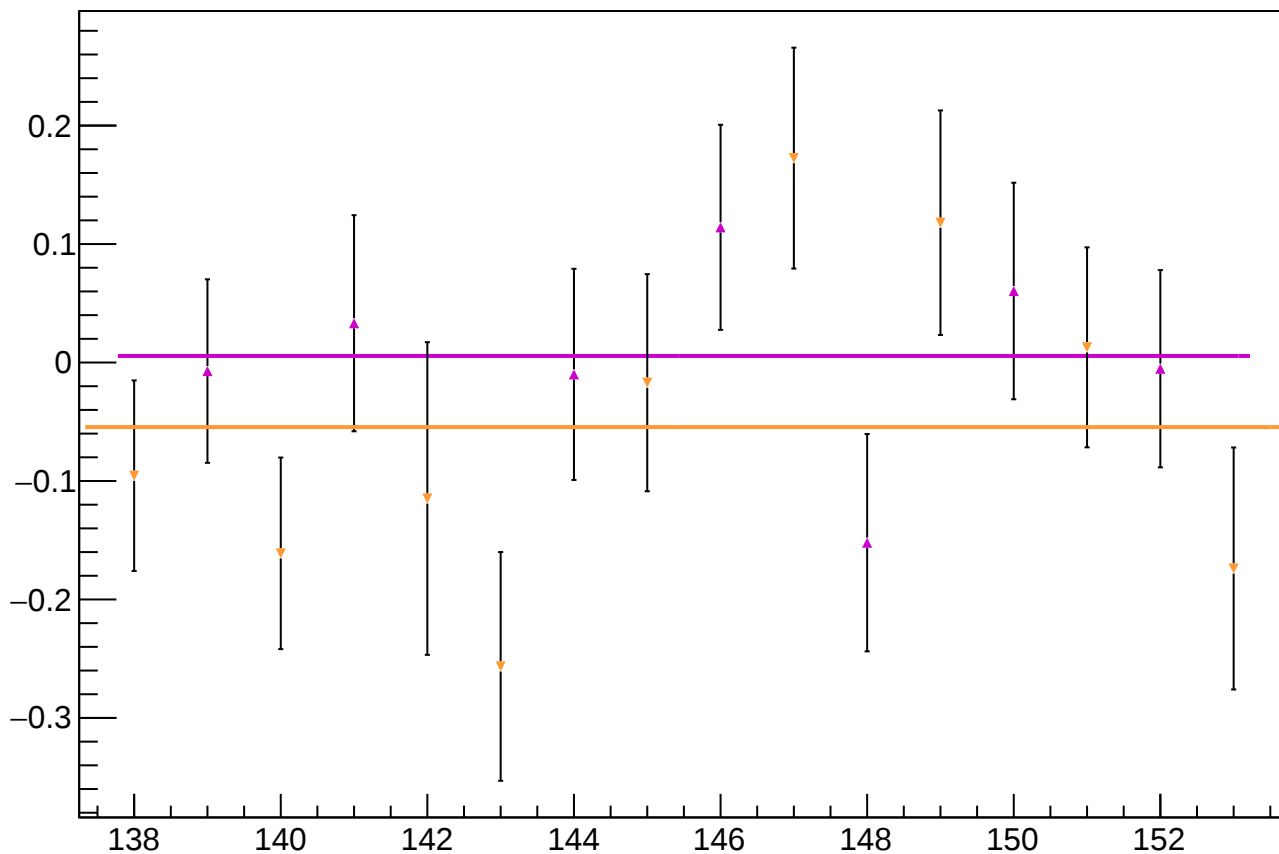
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF: 32.2/22

Out: -0.002 $\pm$ 0.001 χ^2 /NDF: 26531.8/26

All: -0.002 $\pm$ 0.001 χ^2 /NDF: 26564.9/49

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.054 $\pm$ 0.031 χ^2 /NDF:18.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Left: -0.026 $\pm$ 0.022 χ^2 /NDF: 24.8/15

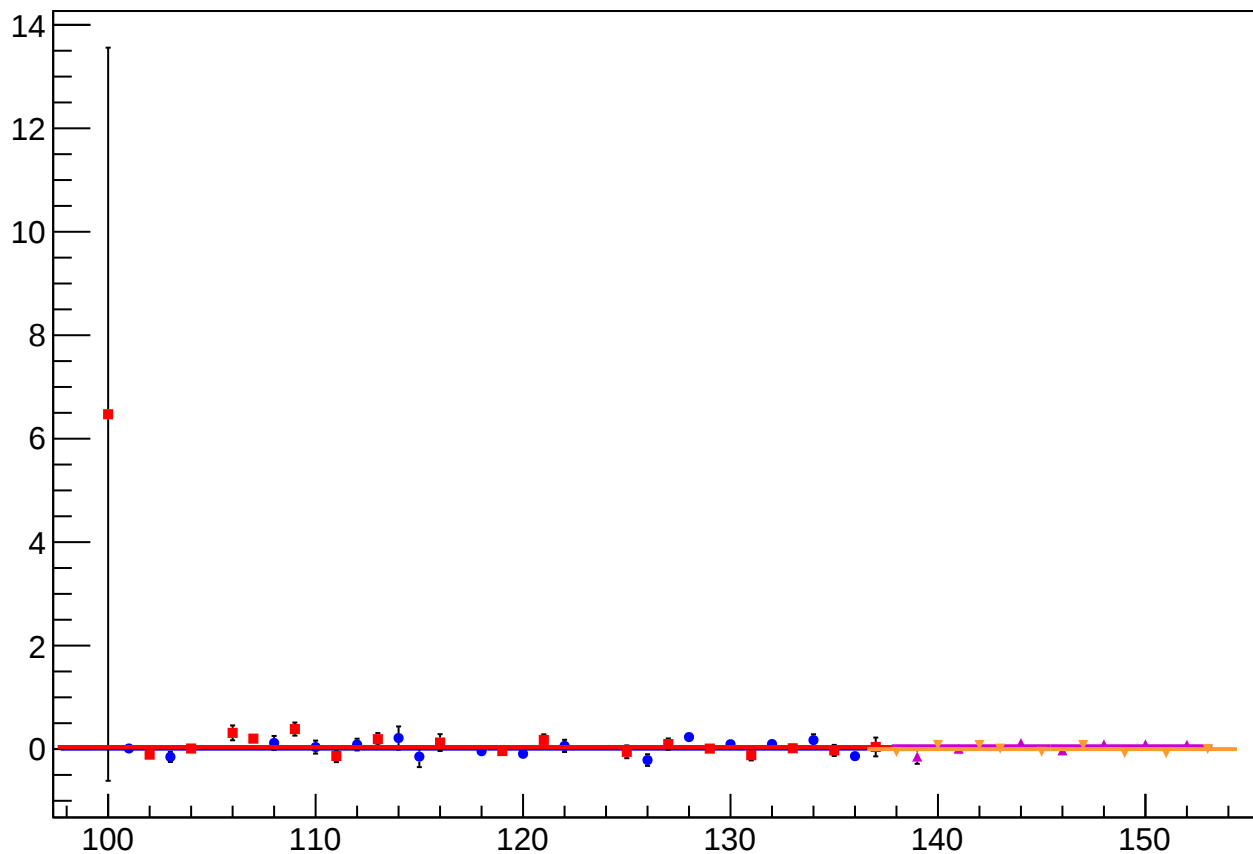
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Out: -0.054 $\pm$ 0.031 χ^2 /NDF:18.0/8

All: -0.026 $\pm$ 0.022 χ^2 /NDF: 24.8/15

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.001 $\pm$ 0.021 χ^2 /NDF:10.6/8

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.054 $\pm$ 0.023 χ^2 /NDF:7.1/6

Left: 0.024 $\pm$ 0.015 χ^2 /NDF: 20.8/15

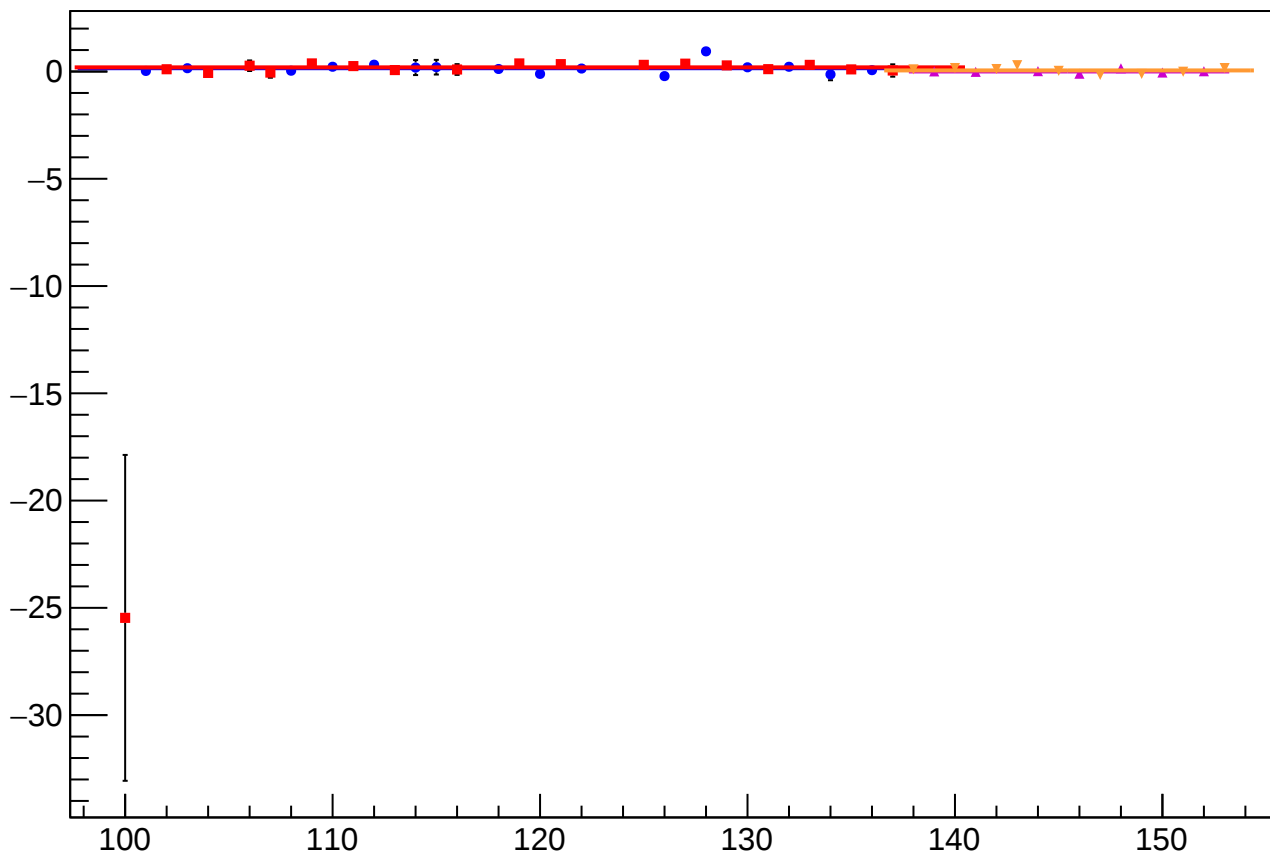
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.031 $\pm$ 0.016 χ^2 /NDF:32.7/22

Out: 0.016 $\pm$ 0.016 χ^2 /NDF:40.6/26

All: 0.024 $\pm$ 0.011 χ^2 /NDF: 73.8/49

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.050+/-0.031 χ^2/NDF : 19.0/8

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.002+/-0.033 χ^2/NDF : 4.9/6

Left: 0.028+/-0.022 χ^2/NDF : 25.1/15

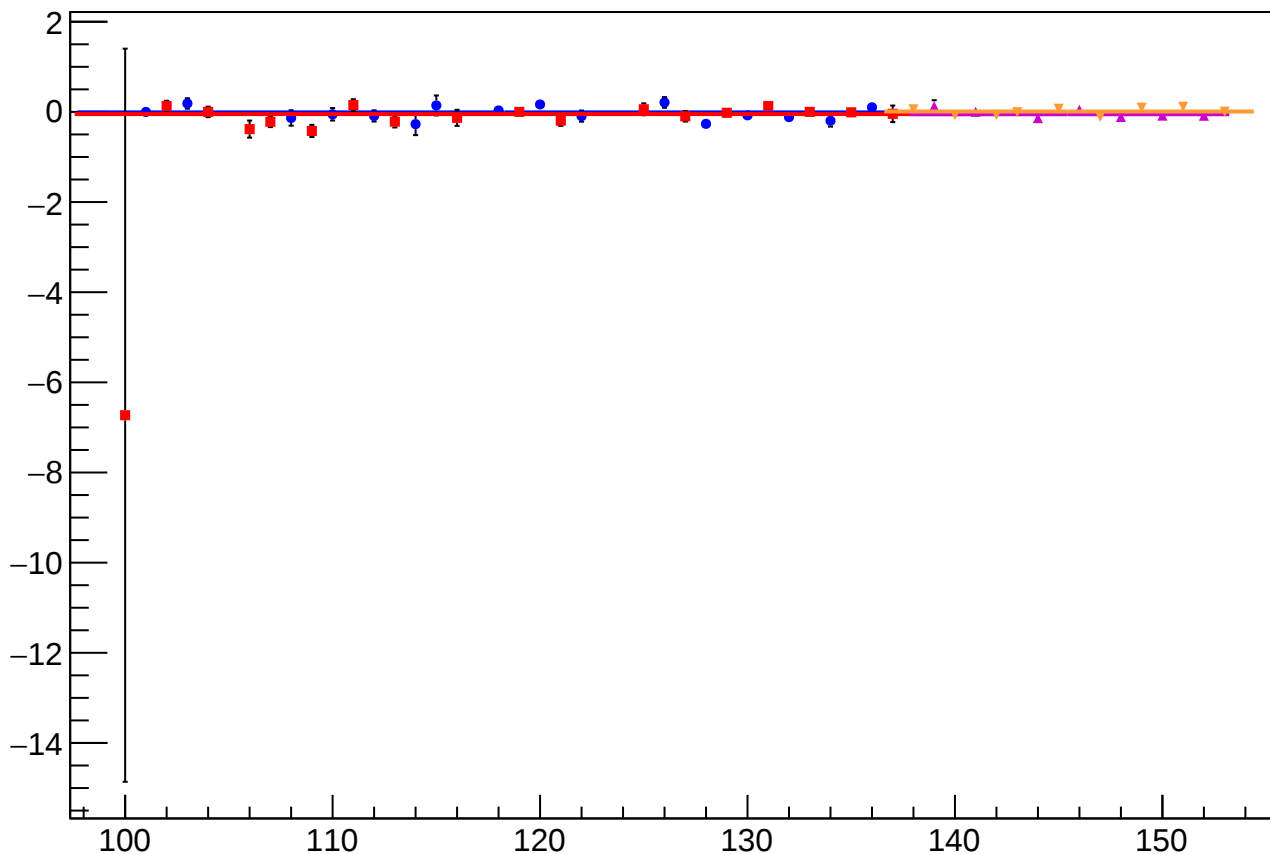
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.058+/-0.026 χ^2/NDF : 43.4/22

Out: 0.096+/-0.026 χ^2/NDF : 47.8/26

All: 0.078+/-0.018 χ^2/NDF : 92.3/49

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.009 ± 0.026 χ^2/NDF : 10.1/8

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.052 ± 0.028 χ^2/NDF : 7.1/6

Left: -0.019 ± 0.019 χ^2/NDF : 19.8/15

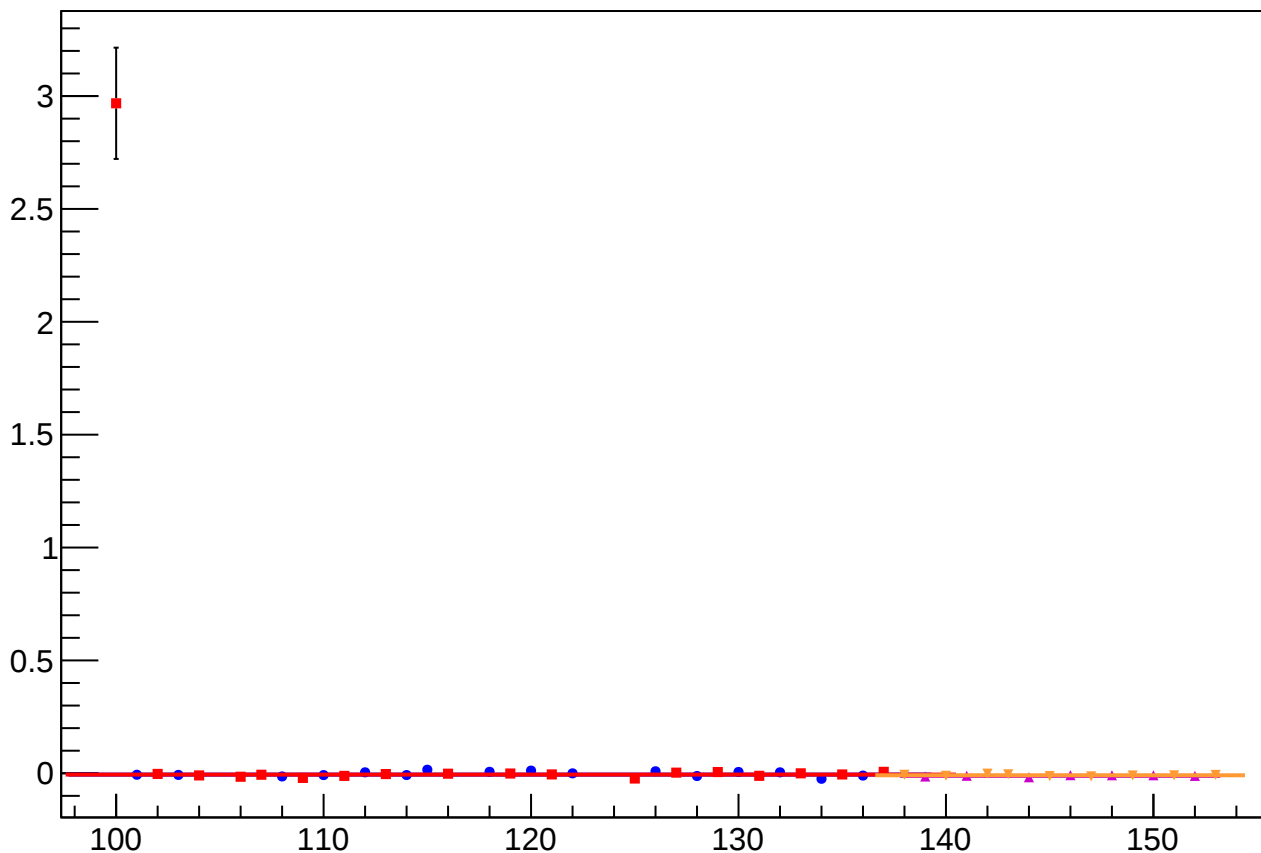
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.031 ± 0.019 χ^2/NDF : 31.7/22

Out: -0.017 ± 0.019 χ^2/NDF : 38.6/26

All: -0.024 ± 0.014 χ^2/NDF : 70.5/49

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.1/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

Left: -0.010 ± 0.001 χ^2/NDF : 13.0/15

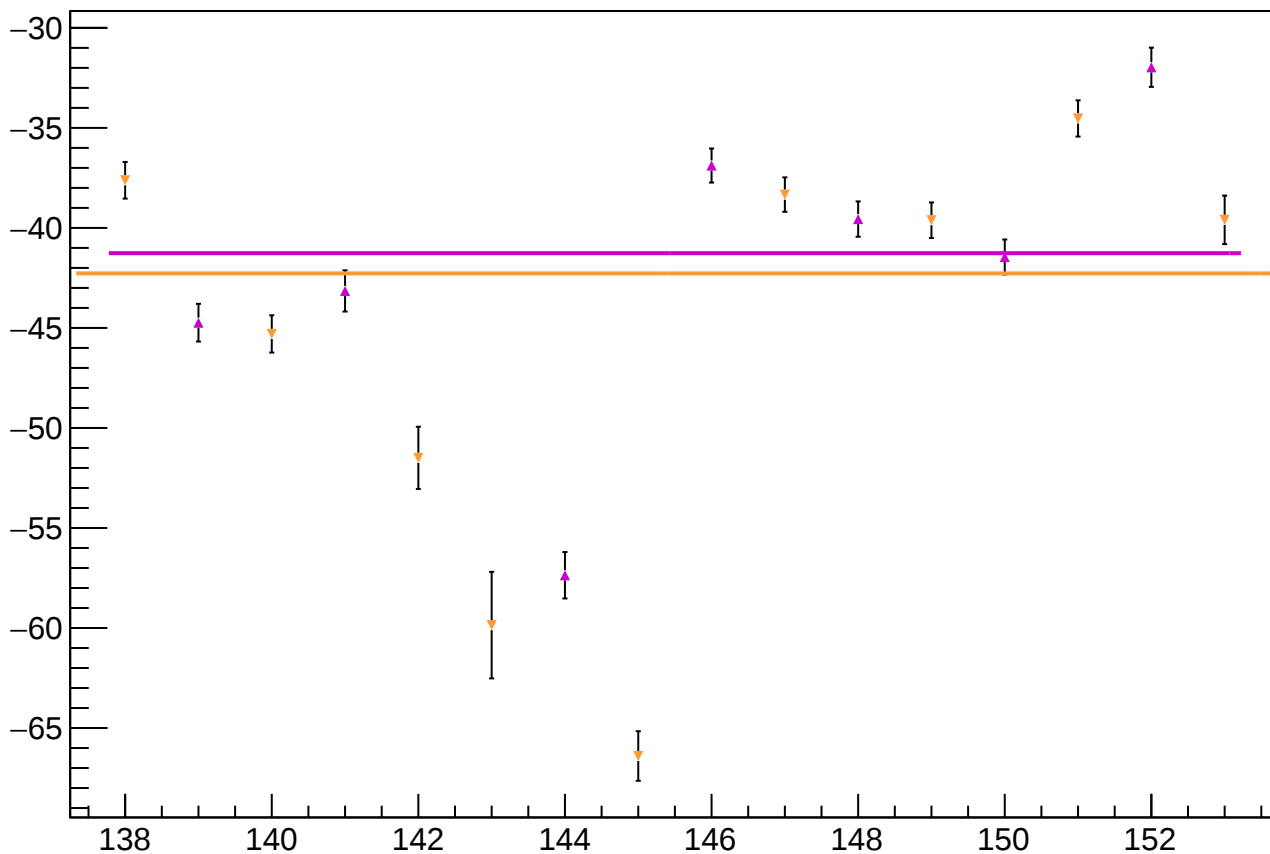
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/22

Out: -0.008 ± 0.001 χ^2/NDF : 173.8/26

All: -0.008 ± 0.001 χ^2/NDF : 216.4/49

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.274+/-0.352 χ^2/NDF :601.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.263+/-0.358 χ^2/NDF :329.6/6

Left: -41.776+/-0.251 χ^2/NDF : 935.4/15

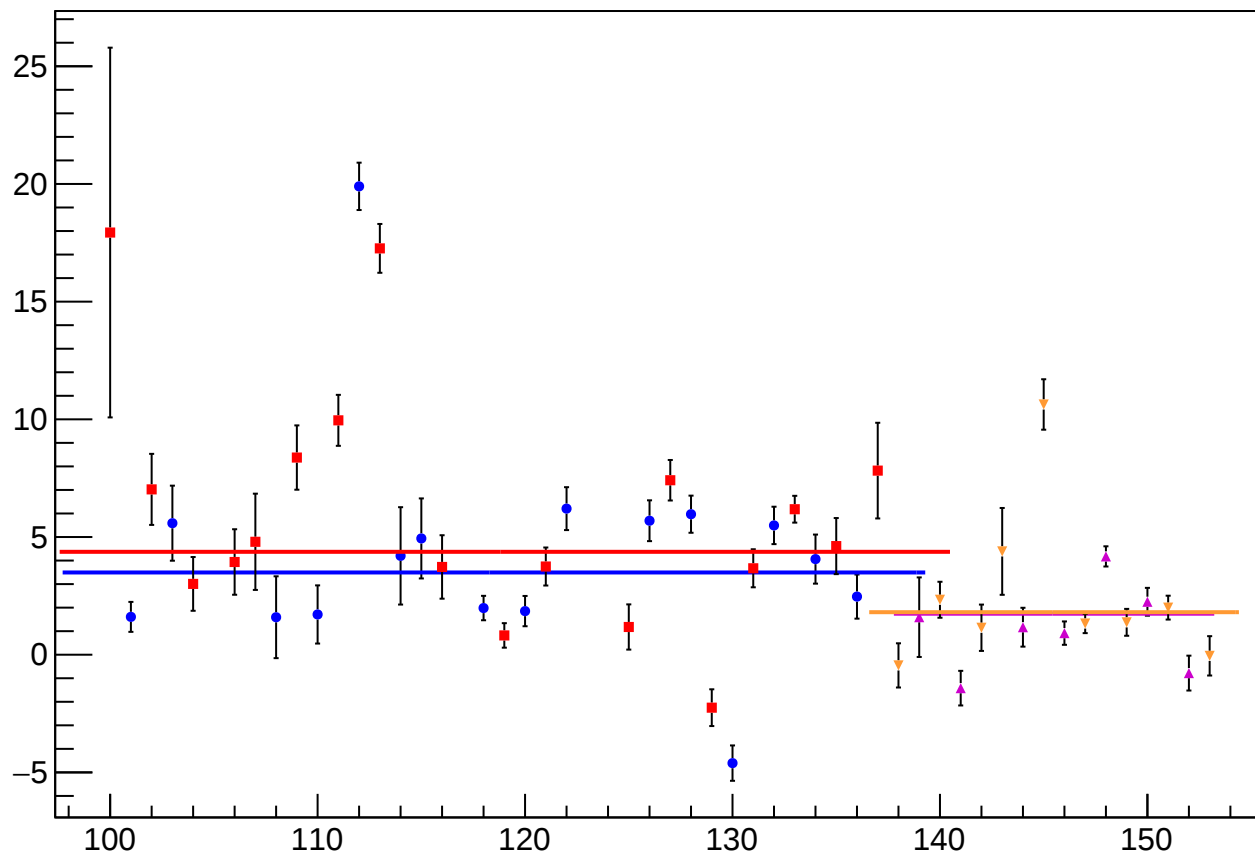
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF :329.6/6

Out: -42.274+/-0.352 χ^2/NDF :601.8/8

All: -41.776+/-0.251 χ^2/NDF : 935.4/15

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.807 ± 0.227 $\chi^2/\text{NDF}: 83.5/8$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.742 ± 0.237 $\chi^2/\text{NDF}: 66.3/6$

Left: 1.776 ± 0.164 $\chi^2/\text{NDF}: 149.9/15$

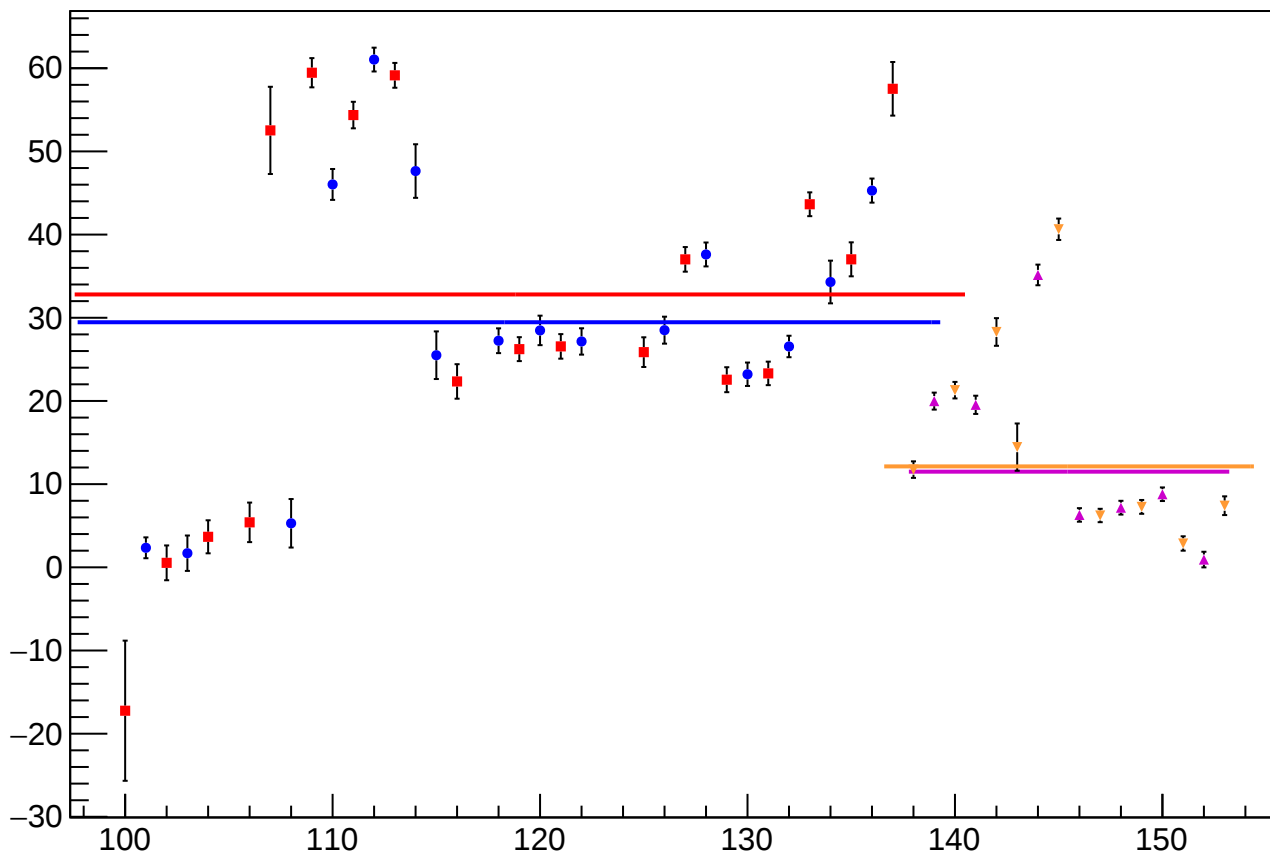
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.692 ± 0.160 $\chi^2/\text{NDF}: 540.8/22$

Out: 3.099 ± 0.160 $\chi^2/\text{NDF}: 501.8/26$

All: 2.896 ± 0.113 $\chi^2/\text{NDF}: 1045.9/49$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 12.132 $\pm$ 0.349 χ^2 /NDF: 891.8/8

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 11.499 $\pm$ 0.353 χ^2 /NDF: 691.8/6

Left: 11.819 $\pm$ 0.248 χ^2 /NDF: 1585.3/15

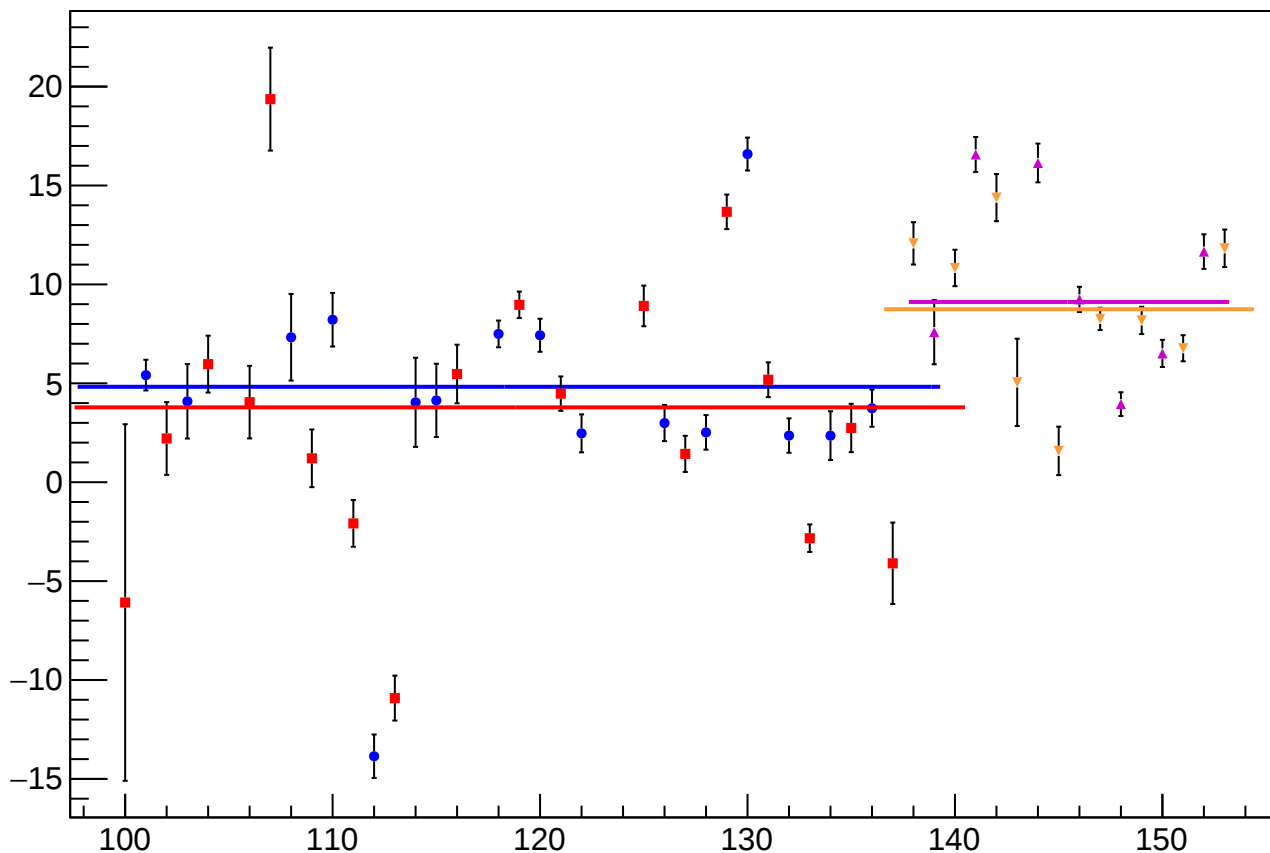
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 18.981 $\pm$ 0.269 χ^2 /NDF: 3263.6/22

Out: 20.493 $\pm$ 0.269 χ^2 /NDF: 3974.1/26

All: 19.738 $\pm$ 0.190 χ^2 /NDF: 7253.5/49

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 8.744 ± 0.285 χ^2/NDF : 95.1/8

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.113 ± 0.296 χ^2/NDF : 220.5/6

Left: 8.922 ± 0.206 χ^2/NDF : 316.5/15

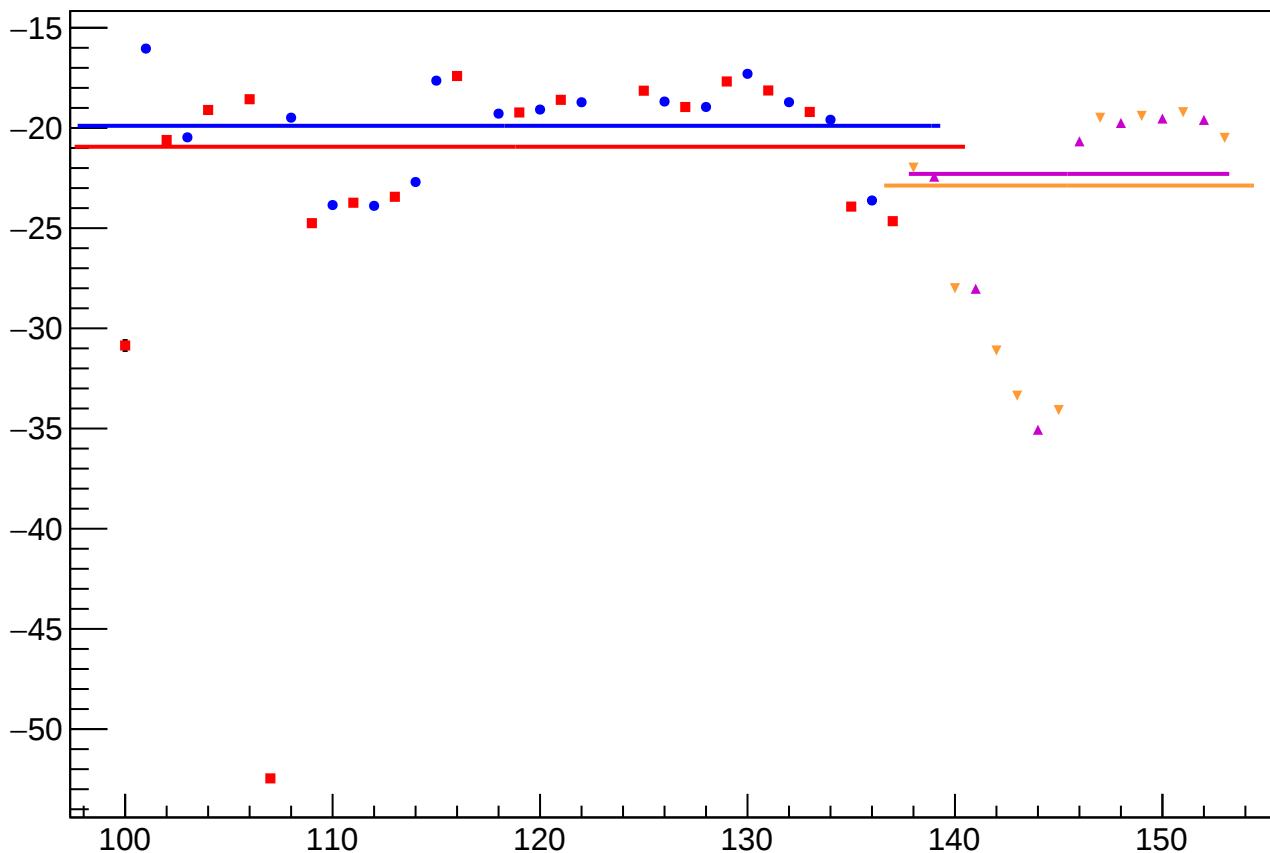
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 6.621 ± 0.192 χ^2/NDF : 895.2/22

Out: 6.024 ± 0.192 χ^2/NDF : 825.7/26

All: 6.322 ± 0.136 χ^2/NDF : 1725.8/49

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -22.874 ± 0.015 $\chi^2/\text{NDF}: 116810.7/8$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -22.292 ± 0.015 $\chi^2/\text{NDF}: 90151.4/6$

Left: -22.583 ± 0.010 $\chi^2/\text{NDF}: 207751.2/15$

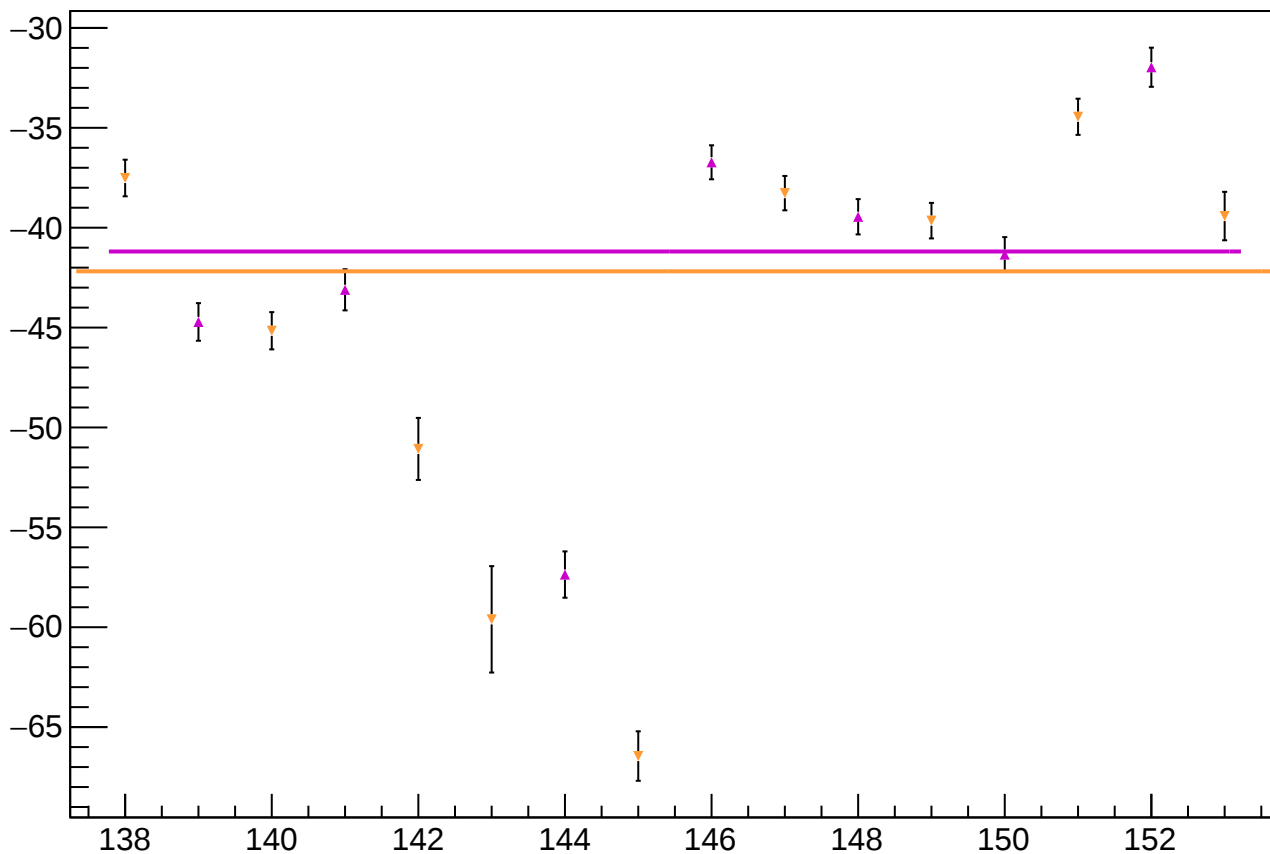
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -21.166 ± 0.011 $\chi^2/\text{NDF}: 128820.8/22$

Out: -21.974 ± 0.011 $\chi^2/\text{NDF}: 219077.3/26$

All: -21.568 ± 0.008 $\chi^2/\text{NDF}: 350752.4/49$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.183+/-0.352 χ^2/NDF :602.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.191+/-0.357 χ^2/NDF :332.0/6

Left: -41.695+/-0.251 χ^2/NDF : 938.5/15

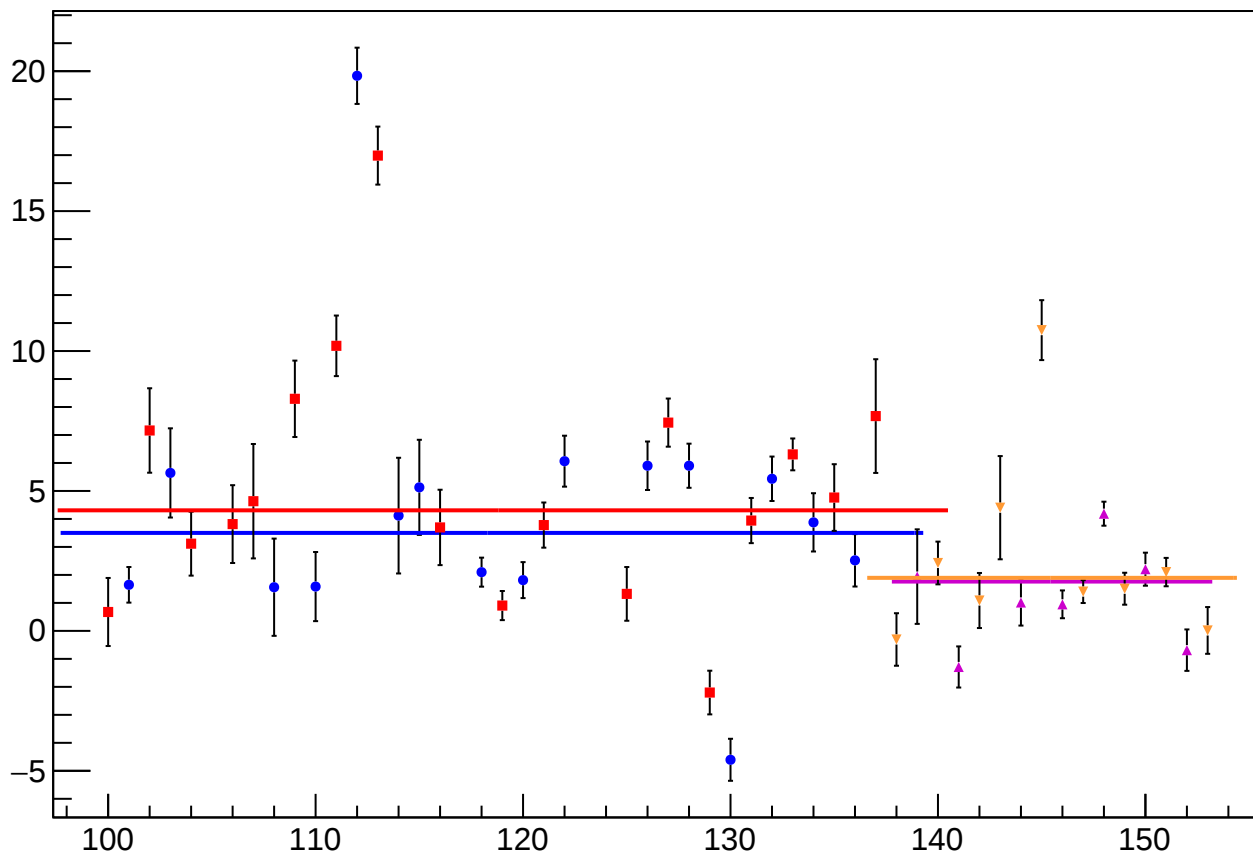
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.191+/-0.357 χ^2/NDF :332.0/6

Out: -42.183+/-0.352 χ^2/NDF :602.6/8

All: -41.695+/-0.251 χ^2/NDF : 938.5/15

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.896 ± 0.227 $\chi^2/\text{NDF}: 84.0/8$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

Left: 1.832 ± 0.164 $\chi^2/\text{NDF}: 148.4/15$

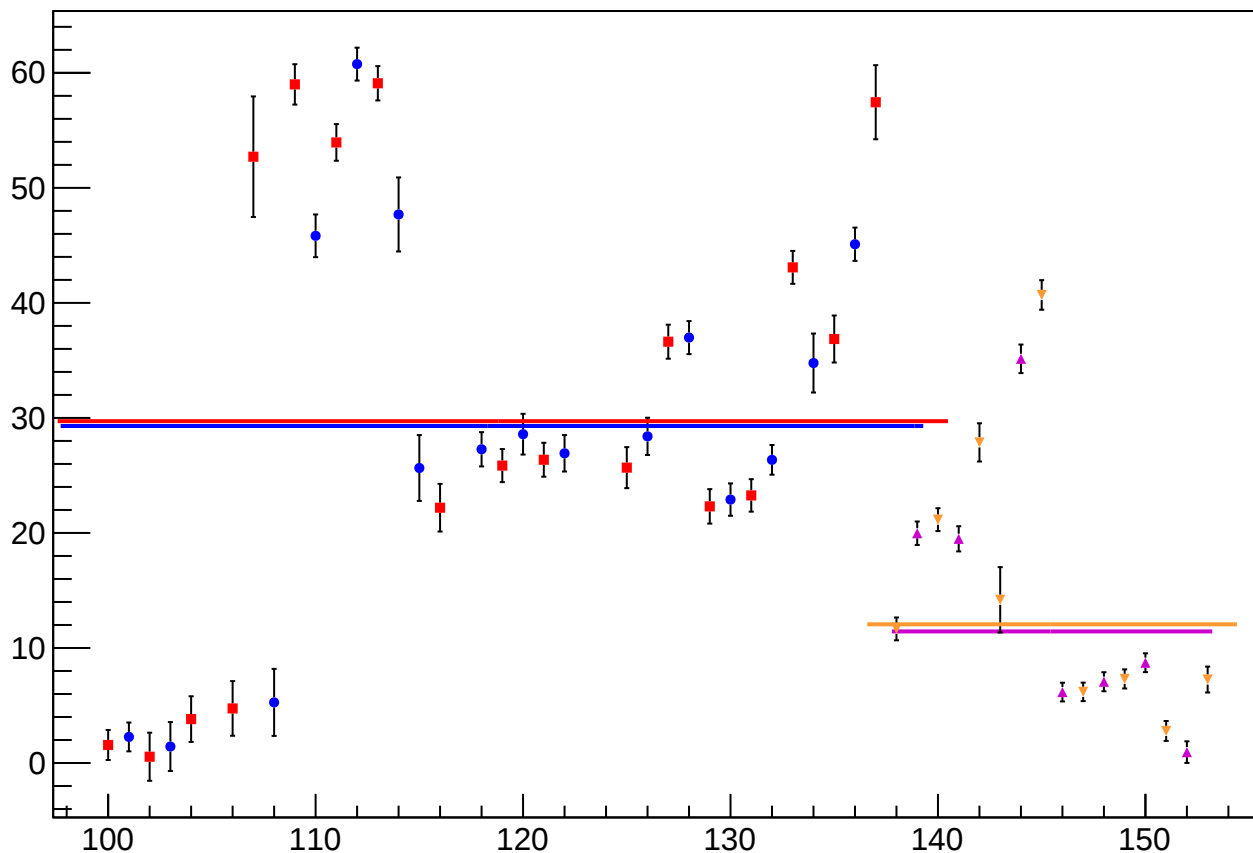
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.705 ± 0.160 $\chi^2/\text{NDF}: 535.4/22$

Out: 3.131 ± 0.158 $\chi^2/\text{NDF}: 494.7/26$

All: 2.920 ± 0.113 $\chi^2/\text{NDF}: 1033.7/49$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2/NDF : 1485.2/15

Left Out: 12.058 $\pm$ 0.348 χ^2/NDF :890.6/8

Right Out: 29.719 $\pm$ 0.403 χ^2/NDF : 2128.9/17

Left In: 11.438 $\pm$ 0.353 χ^2/NDF :695.3/6

Left: 11.752 $\pm$ 0.248 χ^2/NDF : 1587.4/15

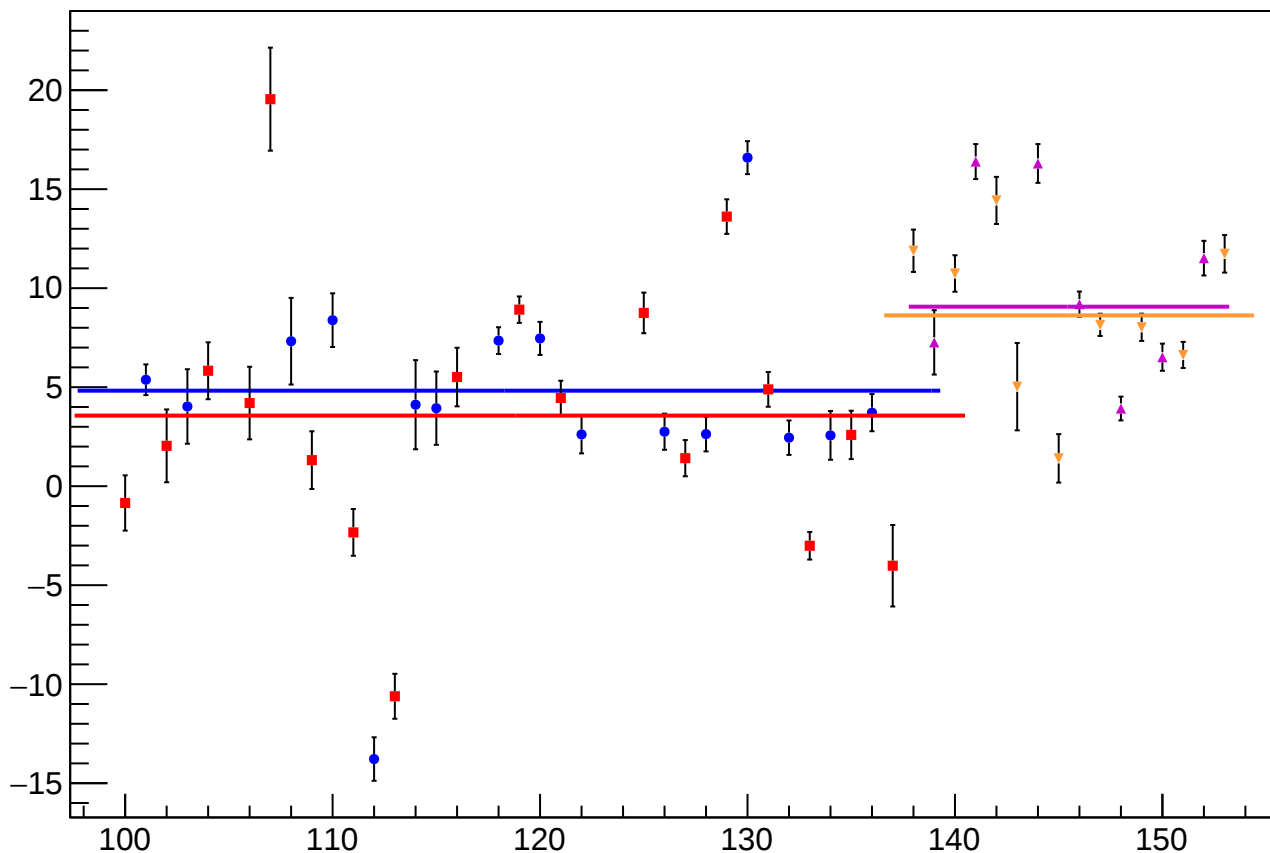
Right: 29.515 $\pm$ 0.290 χ^2/NDF : 3614.7/33

In: 18.876 $\pm$ 0.269 χ^2/NDF :3249.5/22

Out: 19.620 $\pm$ 0.263 χ^2/NDF :4120.1/26

All: 19.256 $\pm$ 0.188 χ^2/NDF : 7373.5/49

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 8.625 ± 0.285 $\chi^2/\text{NDF}: 97.3/8$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.065 ± 0.296 $\chi^2/\text{NDF}: 220.1/6$

Left: 8.837 ± 0.205 $\chi^2/\text{NDF}: 318.5/15$

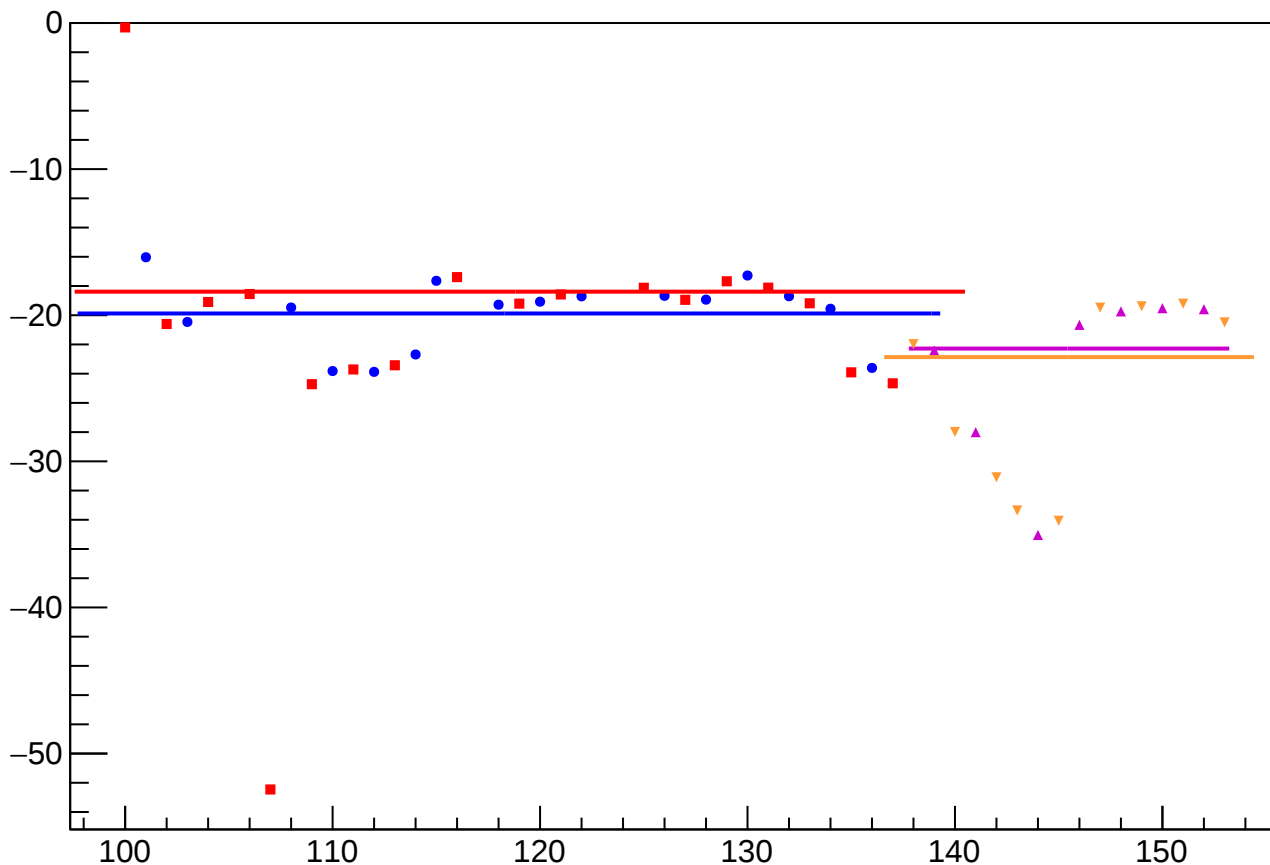
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 6.601 ± 0.192 $\chi^2/\text{NDF}: 888.4/22$

Out: 5.808 ± 0.190 $\chi^2/\text{NDF}: 842.9/26$

All: 6.201 ± 0.135 $\chi^2/\text{NDF}: 1740.0/49$

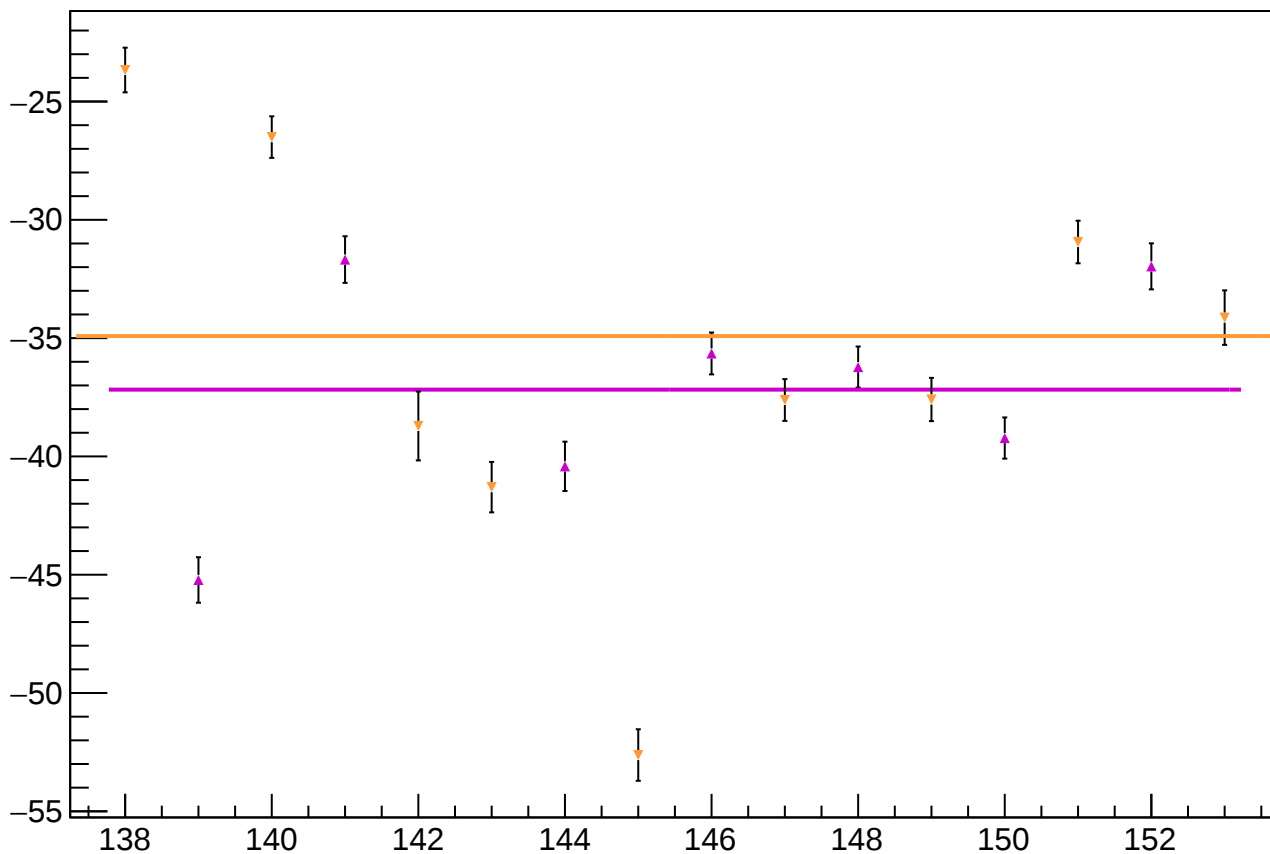
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.866 ± 0.015 $\chi^2/\text{NDF}: 116890.3/8$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

Left: -22.573 ± 0.010 $\chi^2/\text{NDF}: 207795.7/15$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.154 ± 0.011 $\chi^2/\text{NDF}: 128783.2/22$
 Out: -20.644 ± 0.010 $\chi^2/\text{NDF}: 464648.7/26$
 All: -20.892 ± 0.007 $\chi^2/\text{NDF}: 594606.6/49$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.914+/-0.332 χ^2/NDF :578.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.177+/-0.353 χ^2/NDF :149.1/6

Left: -35.974+/-0.242 χ^2/NDF : 749.3/15

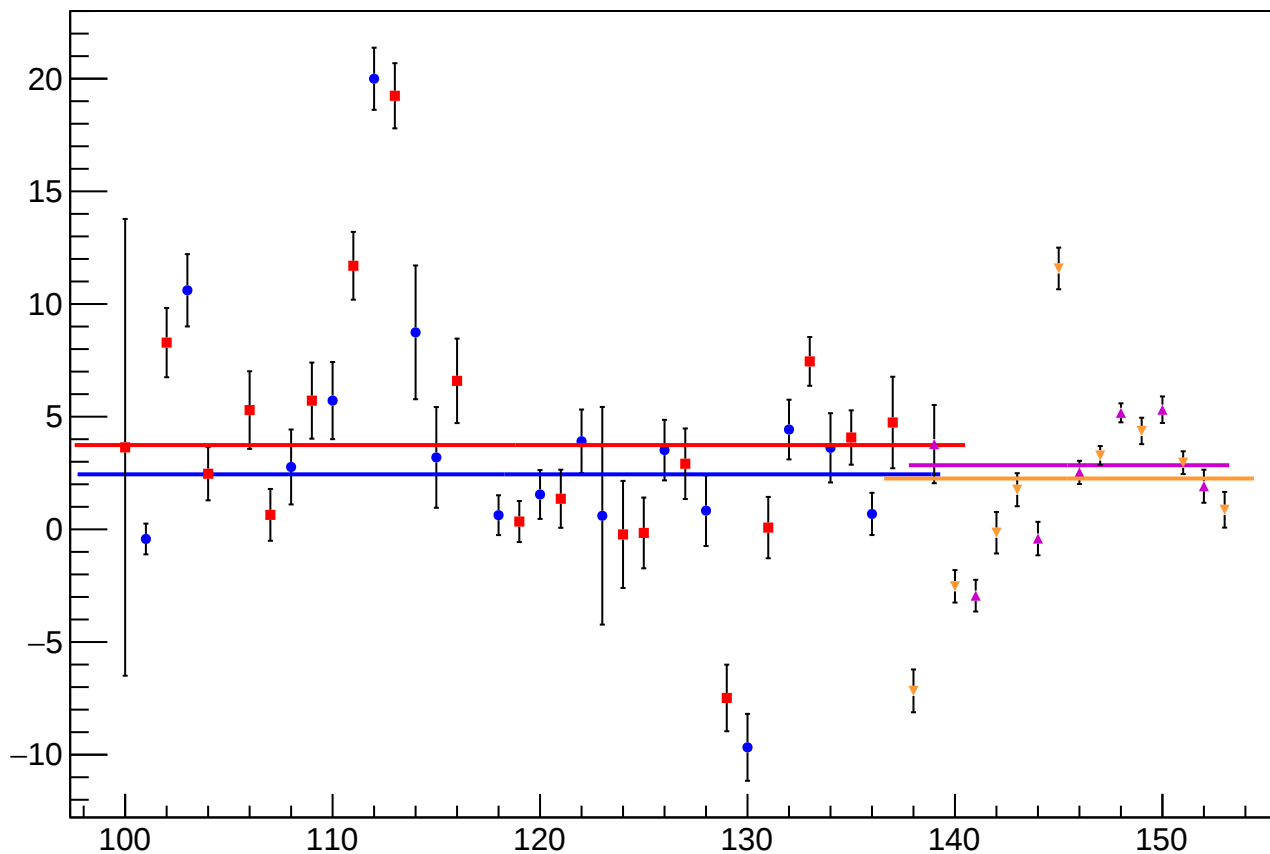
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.914+/-0.332 χ^2/NDF :578.4/8

All: -35.974+/-0.242 χ^2/NDF : 749.3/15

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.257 $\pm$ 0.216 χ^2 /NDF:275.3/8

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 2.846 $\pm$ 0.234 χ^2 /NDF:137.3/6

Left: 2.529 $\pm$ 0.159 χ^2 /NDF: 416.0/15

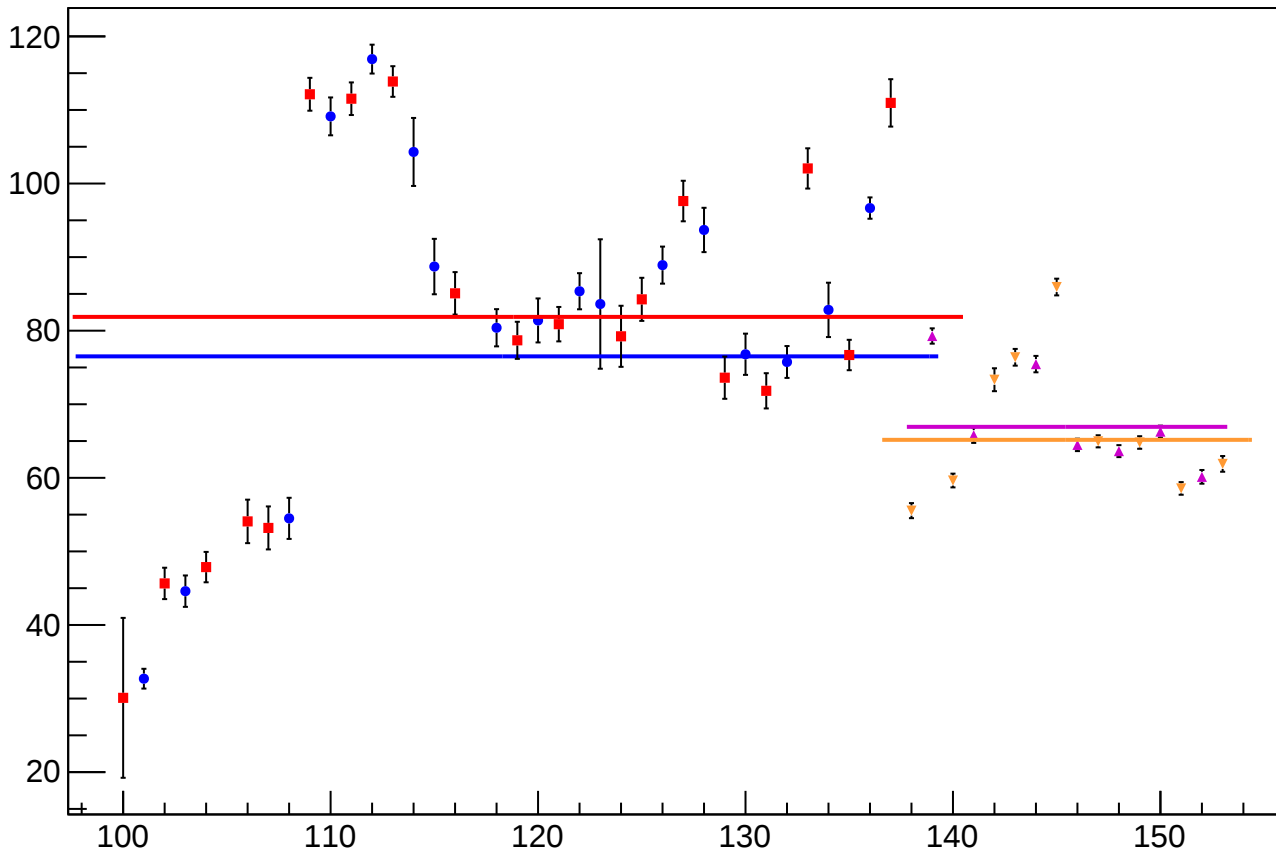
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 2.700 $\pm$ 0.187 χ^2 /NDF:433.1/23

Out: 2.710 $\pm$ 0.180 χ^2 /NDF:557.8/27

All: 2.705 $\pm$ 0.130 χ^2 /NDF: 990.9/51

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 ± 0.574 χ^2/NDF : 2250.9/16

Left Out: 65.164 ± 0.331 χ^2/NDF : 650.2/8

Right Out: 81.875 ± 0.592 χ^2/NDF : 1570.7/18

Left In: 66.930 ± 0.349 χ^2/NDF : 278.9/6

Left: 66.000 ± 0.240 χ^2/NDF : 942.6/15

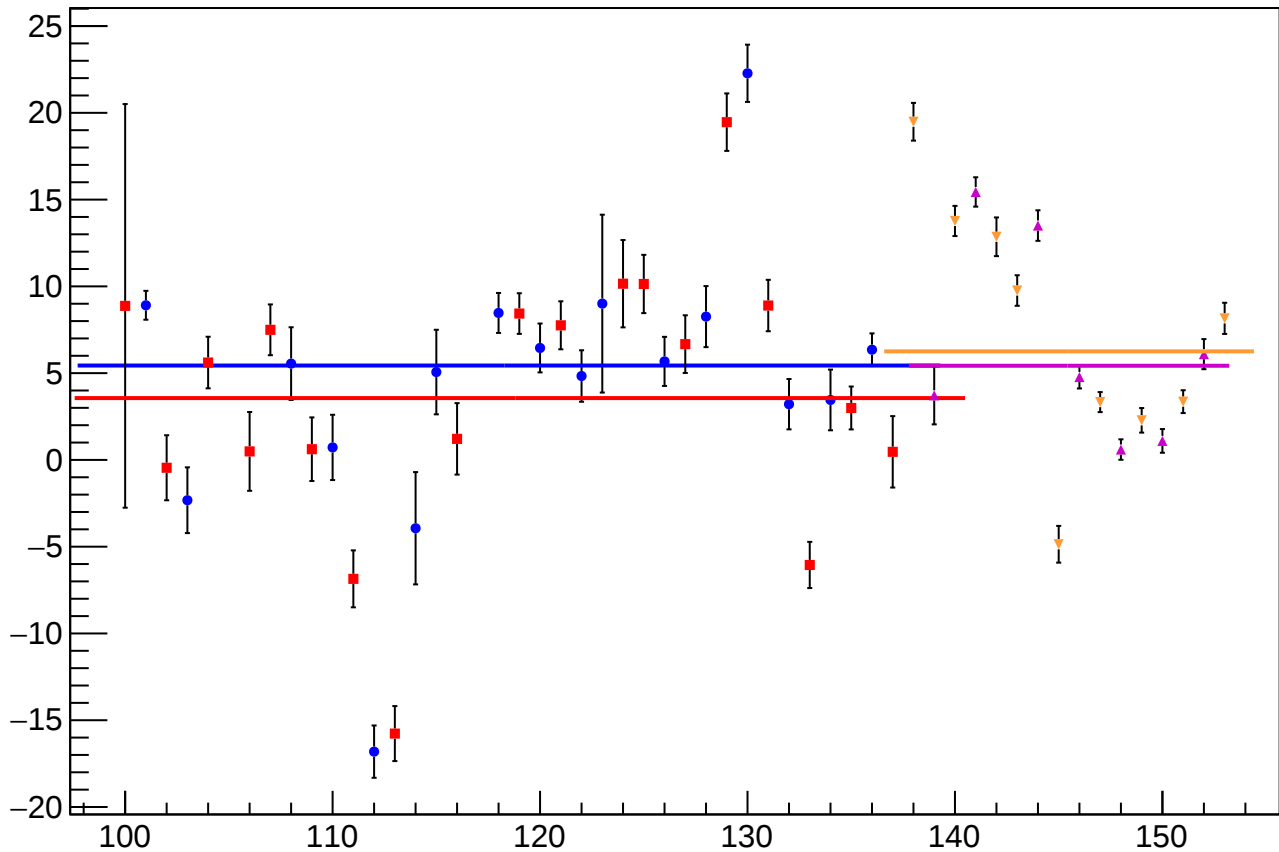
Right: 79.111 ± 0.412 χ^2/NDF : 3864.0/35

In: 69.516 ± 0.298 χ^2/NDF : 2733.0/23

Out: 69.147 ± 0.289 χ^2/NDF : 2828.4/27

All: 69.326 ± 0.208 χ^2/NDF : 5562.2/51

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.256 ± 0.270 $\chi^2/\text{NDF}: 464.9/8$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

Left: 5.873 ± 0.198 $\chi^2/\text{NDF}: 803.7/15$

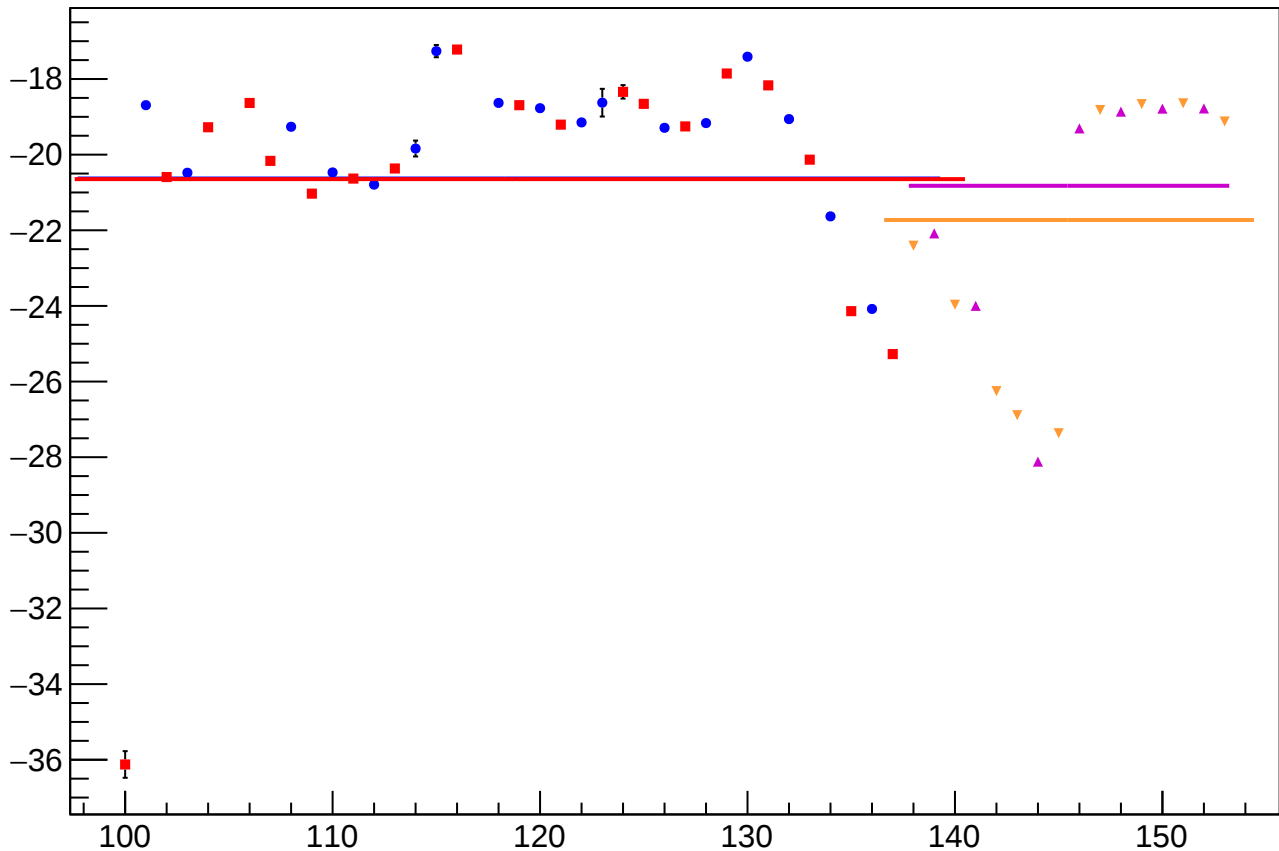
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.431 ± 0.226 $\chi^2/\text{NDF}: 720.6/23$

Out: 5.336 ± 0.219 $\chi^2/\text{NDF}: 919.7/27$

All: 5.382 ± 0.157 $\chi^2/\text{NDF}: 1640.4/51$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -21.728+/-0.014 χ^2/NDF : 60904.9/8

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -20.823+/-0.015 χ^2/NDF : 40279.4/6

Left: -21.298+/-0.010 χ^2/NDF : 103219.5/15

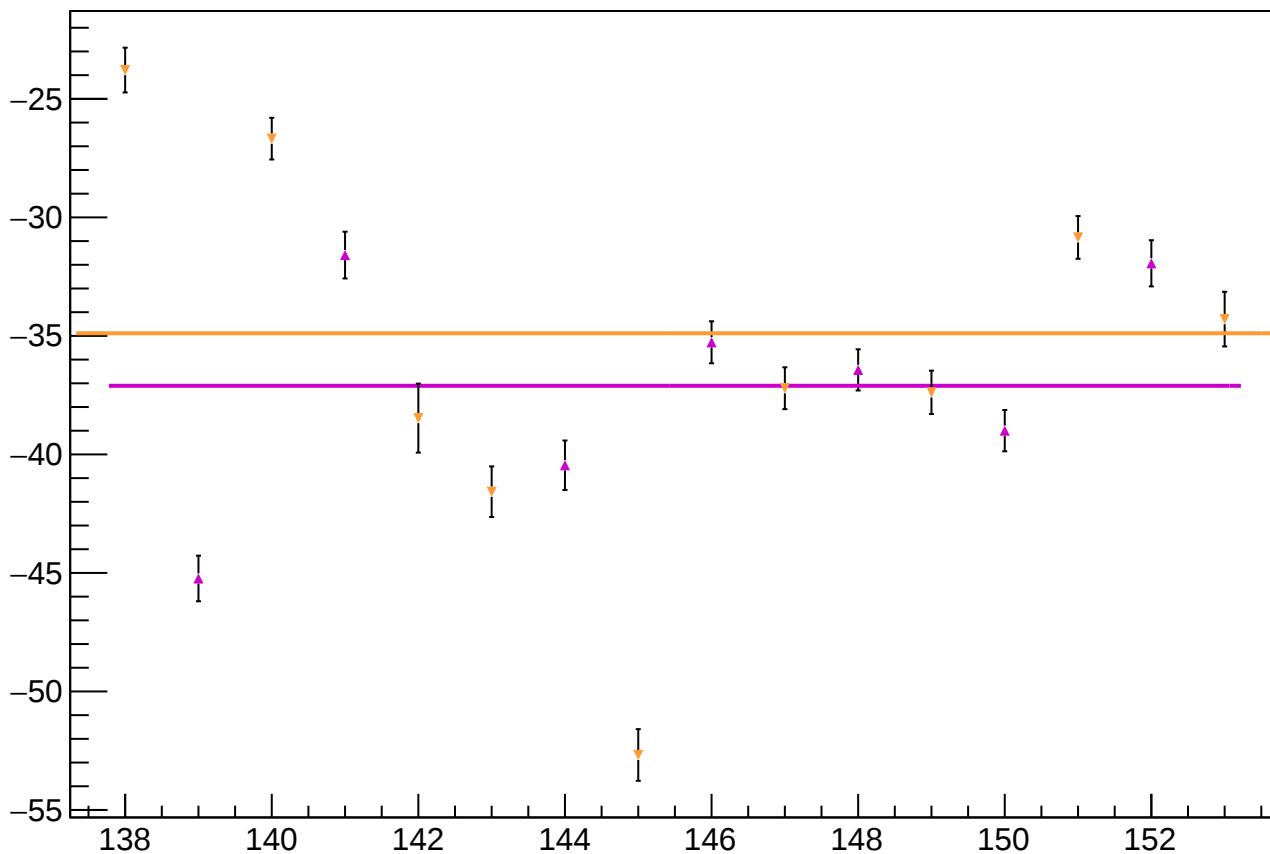
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.754+/-0.012 χ^2/NDF : 52844.2/23

Out: -21.364+/-0.011 χ^2/NDF : 76866.7/27

All: -21.068+/-0.008 χ^2/NDF : 131137.0/51

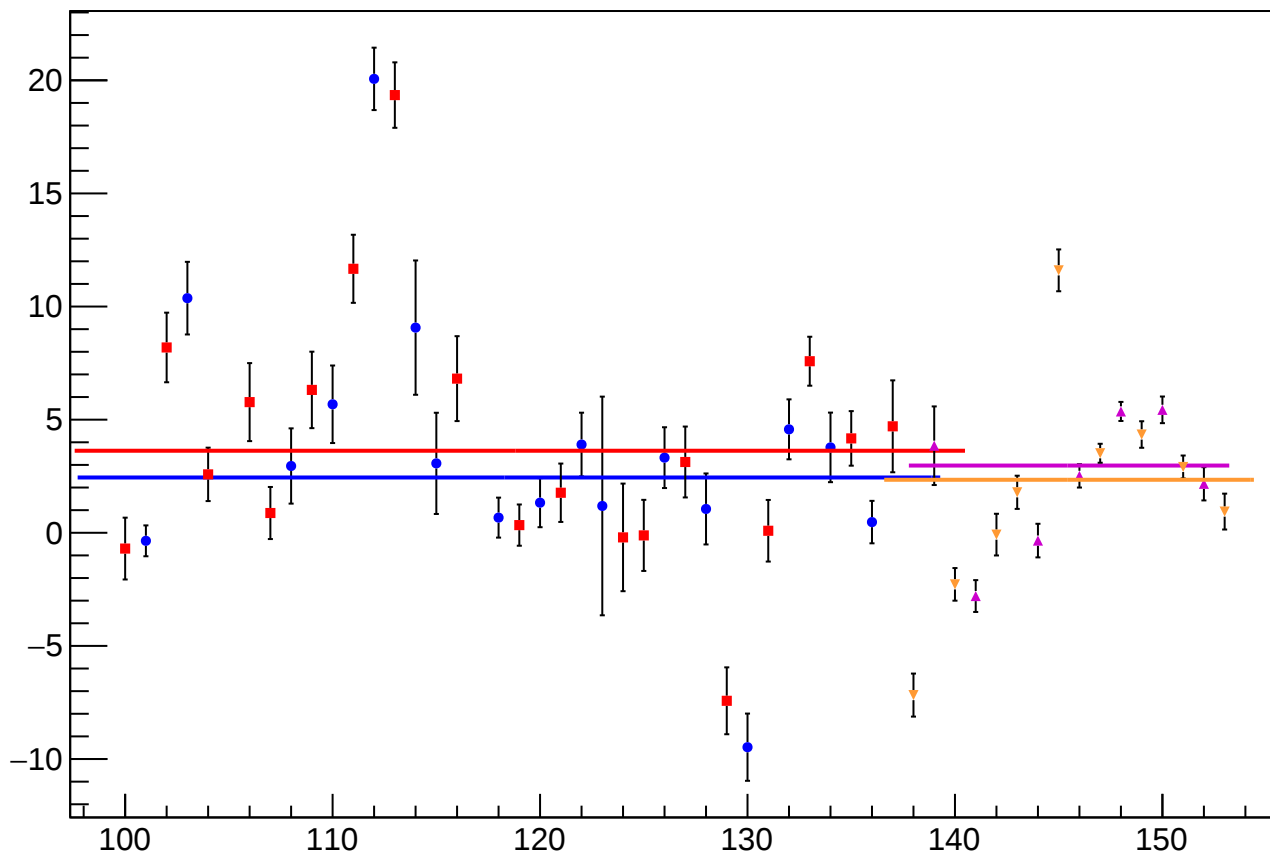
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.889+/-0.332 χ^2/NDF :571.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.105+/-0.354 χ^2/NDF :150.7/6

Left: -35.927+/-0.242 χ^2/NDF : 743.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -37.105+/-0.354 χ^2/NDF :150.7/6
 Out: -34.889+/-0.332 χ^2/NDF :571.8/8
 All: -35.927+/-0.242 χ^2/NDF : 743.4/15

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.343 $\pm$ 0.216 χ^2 /NDF:272.8/8

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.972 $\pm$ 0.234 χ^2 /NDF:139.1/6

Left: 2.633 $\pm$ 0.159 χ^2 /NDF: 415.8/15

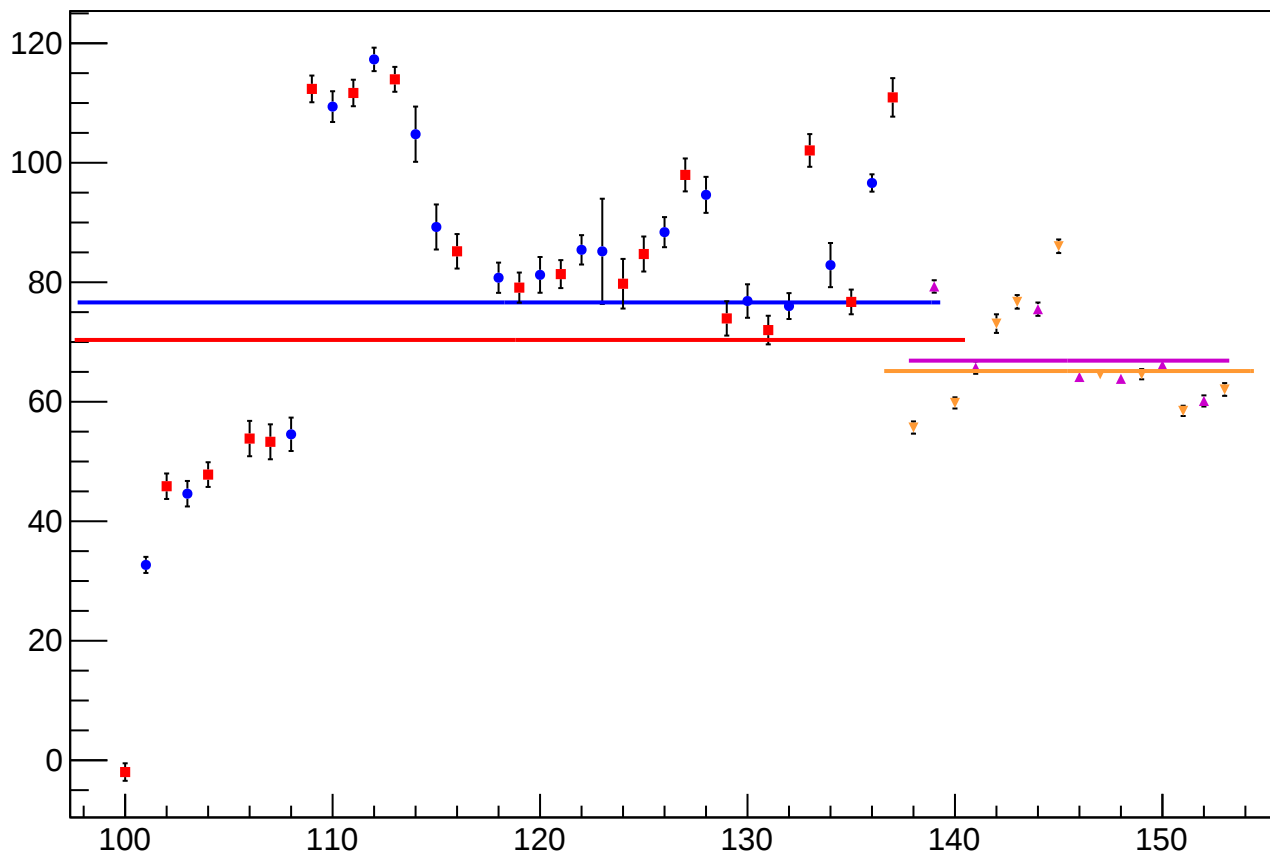
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.782 $\pm$ 0.187 χ^2 /NDF:433.6/23

Out: 2.750 $\pm$ 0.179 χ^2 /NDF:562.8/27

All: 2.765 $\pm$ 0.129 χ^2 /NDF: 996.4/51

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 65.143 $\pm$ 0.331 χ^2 /NDF: 653.1/8

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

Left: 65.966 $\pm$ 0.240 χ^2 /NDF: 946.6/15

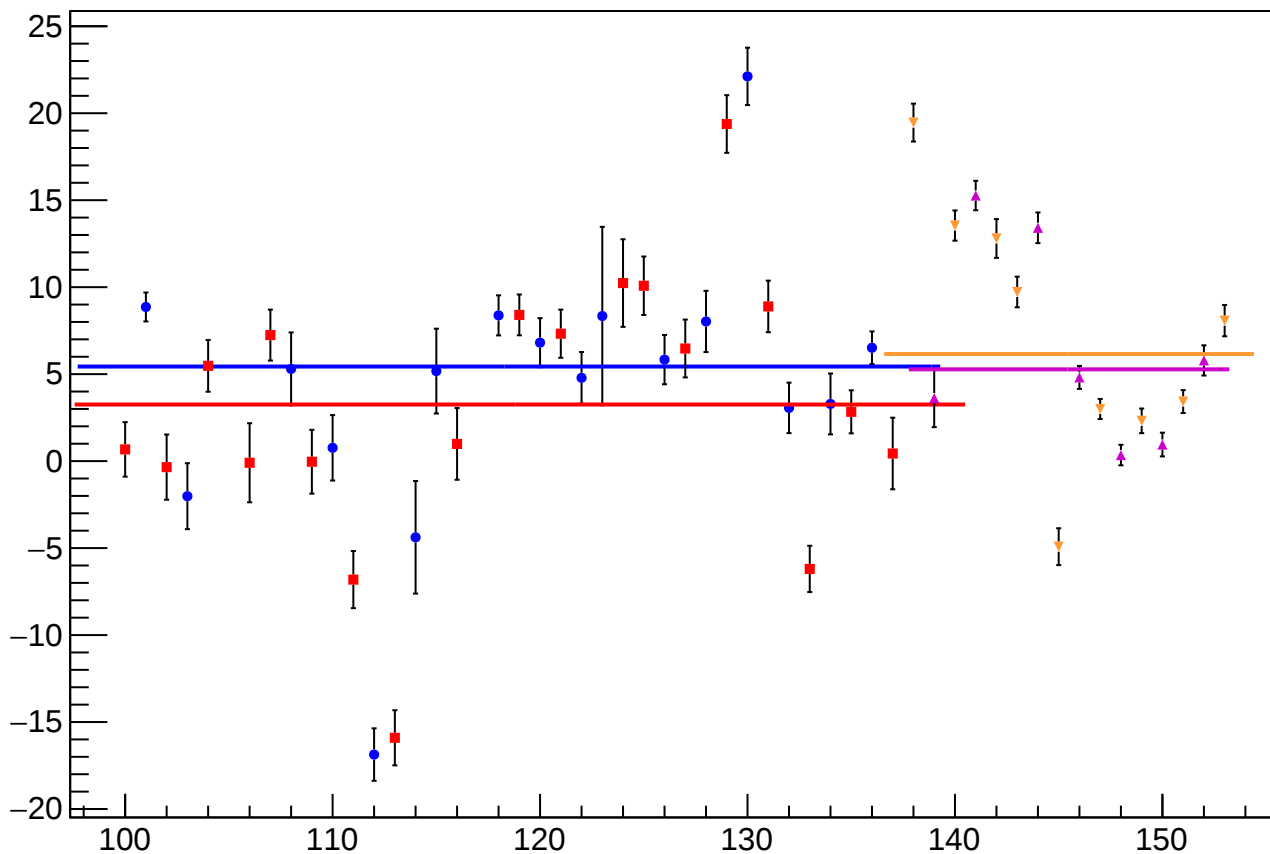
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 69.513 $\pm$ 0.298 χ^2 /NDF: 2753.3/23

Out: 66.530 $\pm$ 0.284 χ^2 /NDF: 5107.0/27

All: 67.946 $\pm$ 0.206 χ^2 /NDF: 7912.8/51

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.156 ± 0.270 $\chi^2/\text{NDF}: 463.9/8$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 5.276 ± 0.293 $\chi^2/\text{NDF}: 336.5/6$

Left: 5.751 ± 0.199 $\chi^2/\text{NDF}: 805.3/15$

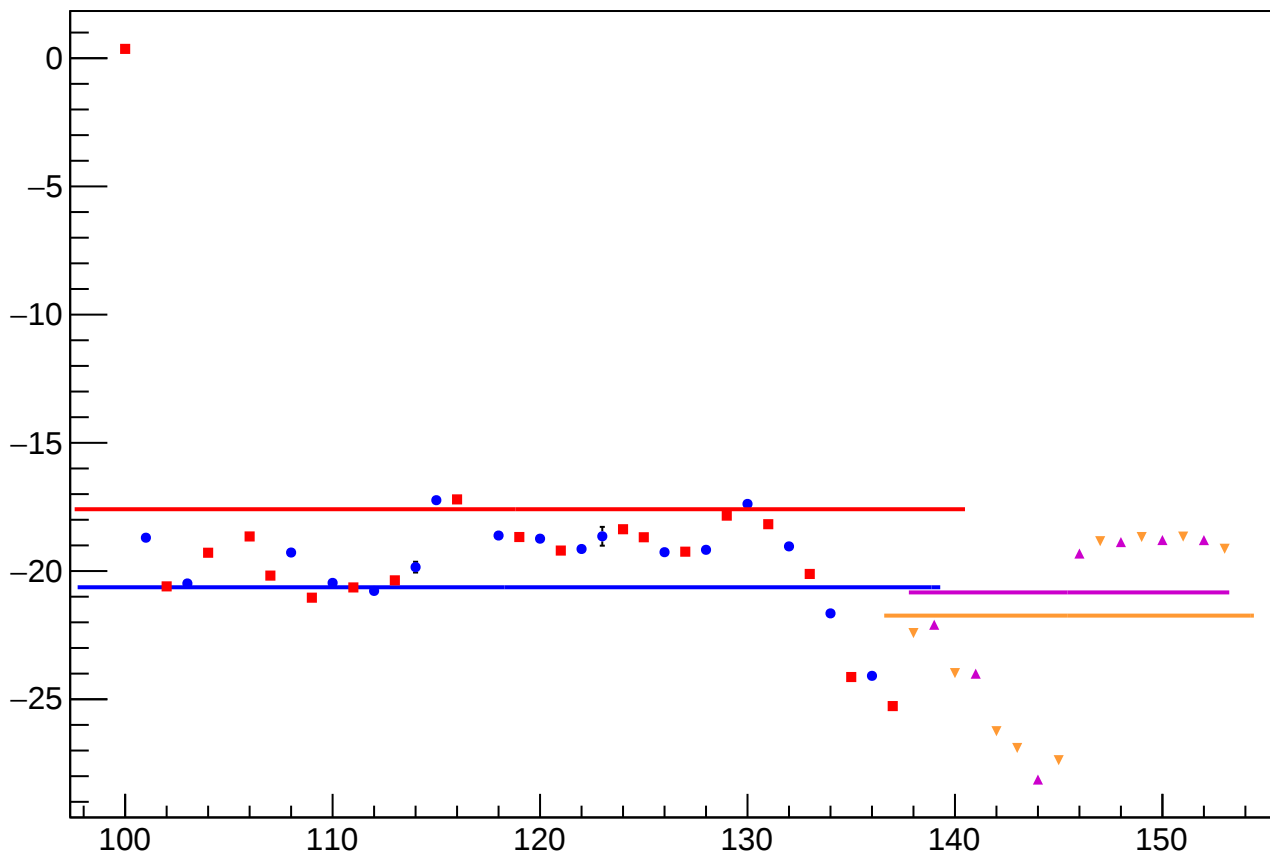
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.341 ± 0.227 $\chi^2/\text{NDF}: 721.2/23$

Out: 5.128 ± 0.217 $\chi^2/\text{NDF}: 928.4/27$

All: 5.230 ± 0.157 $\chi^2/\text{NDF}: 1650.0/51$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.738 ± 0.014 $\chi^2/\text{NDF}: 60773.8/8$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.833 ± 0.015 $\chi^2/\text{NDF}: 40234.1/6$

Left: -21.308 ± 0.010 $\chi^2/\text{NDF}: 103041.0/15$

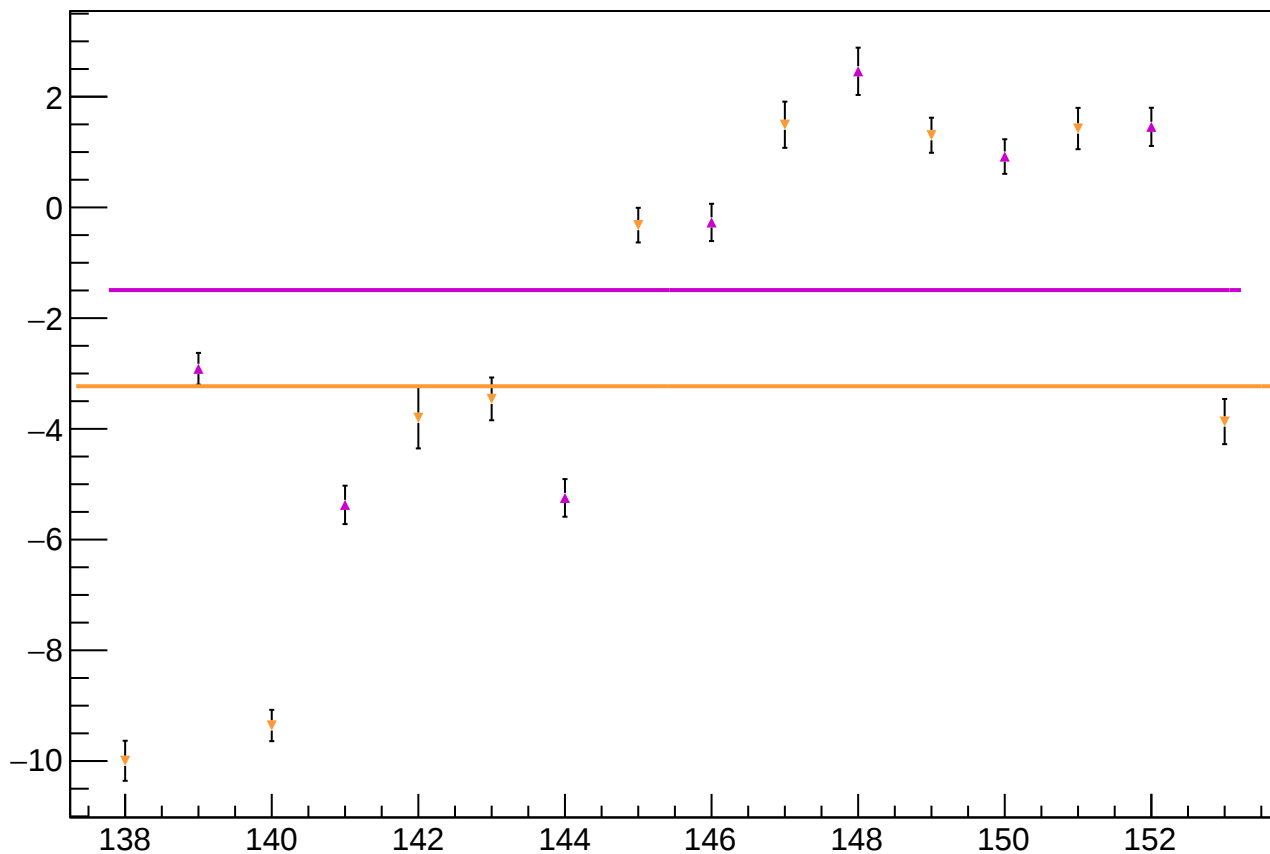
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.761 ± 0.012 $\chi^2/\text{NDF}: 52846.7/23$

Out: -20.199 ± 0.011 $\chi^2/\text{NDF}: 272818.6/27$

All: -20.464 ± 0.008 $\chi^2/\text{NDF}: 326901.7/51$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



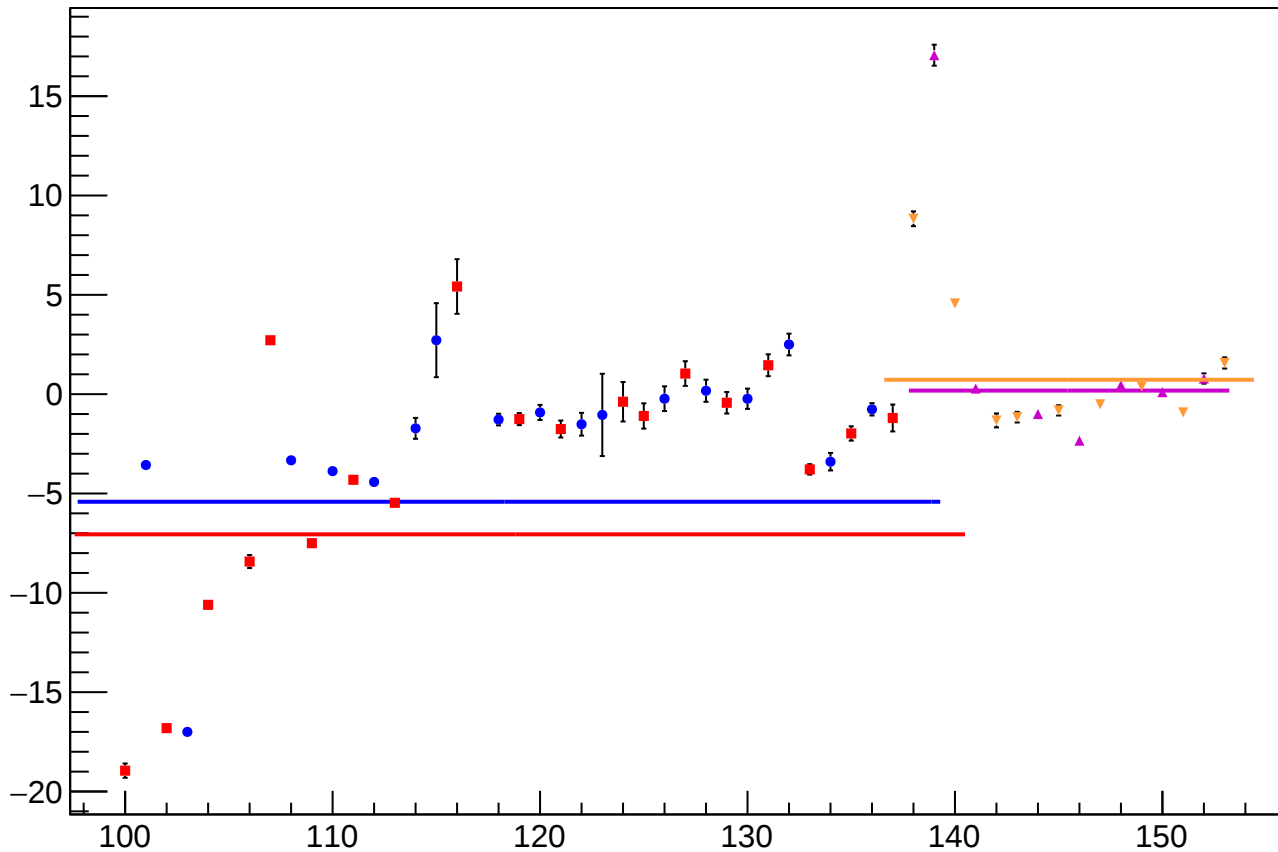
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.493+/-0.127 χ^2/NDF :502.8/6

Left: -2.409+/-0.087 χ^2/NDF : 1999.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.493+/-0.127 χ^2/NDF :502.8/6
 Out: -3.230+/-0.120 χ^2/NDF :1397.8/8

All: -2.409+/-0.087 χ^2/NDF : 1999.4/15

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.725 $\pm$ 0.083 χ^2/NDF : 959.4/8

Right Out: -7.056 $\pm$ 0.059 χ^2/NDF : 12334.0/18

Left In: 0.180 $\pm$ 0.092 χ^2/NDF : 1188.7/6

Left: 0.479 $\pm$ 0.062 χ^2/NDF : 2167.4/15

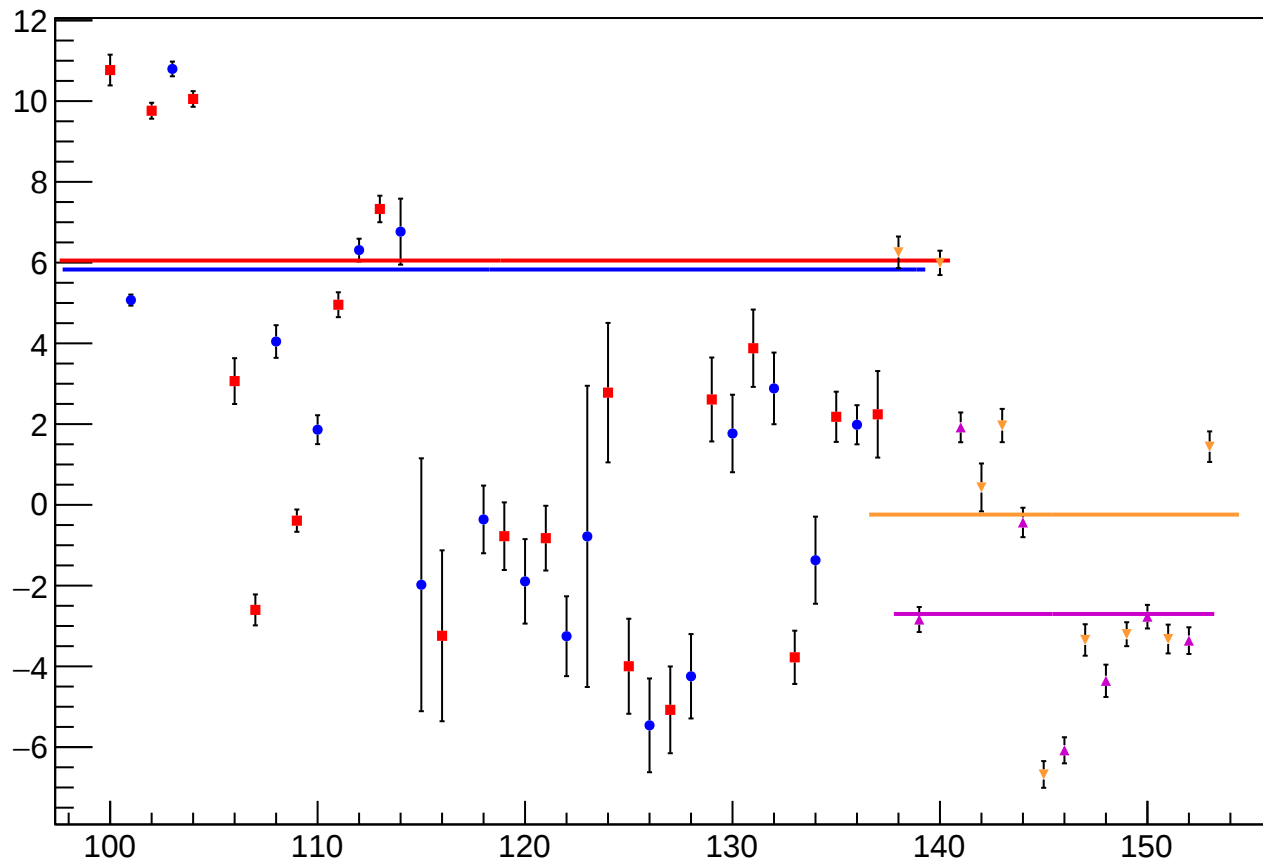
Right: -6.174 $\pm$ 0.040 χ^2/NDF : 22004.4/35

In: -3.954 $\pm$ 0.047 χ^2/NDF : 13170.8/23

Out: -4.460 $\pm$ 0.048 χ^2/NDF : 19092.0/27

All: -4.201 $\pm$ 0.034 χ^2/NDF : 32319.4/51

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: -0.241 ± 0.121 $\chi^2/\text{NDF}: 1368.8/8$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.702 ± 0.127 $\chi^2/\text{NDF}: 326.3/6$

Left: -1.413 ± 0.088 $\chi^2/\text{NDF}: 1891.9/15$

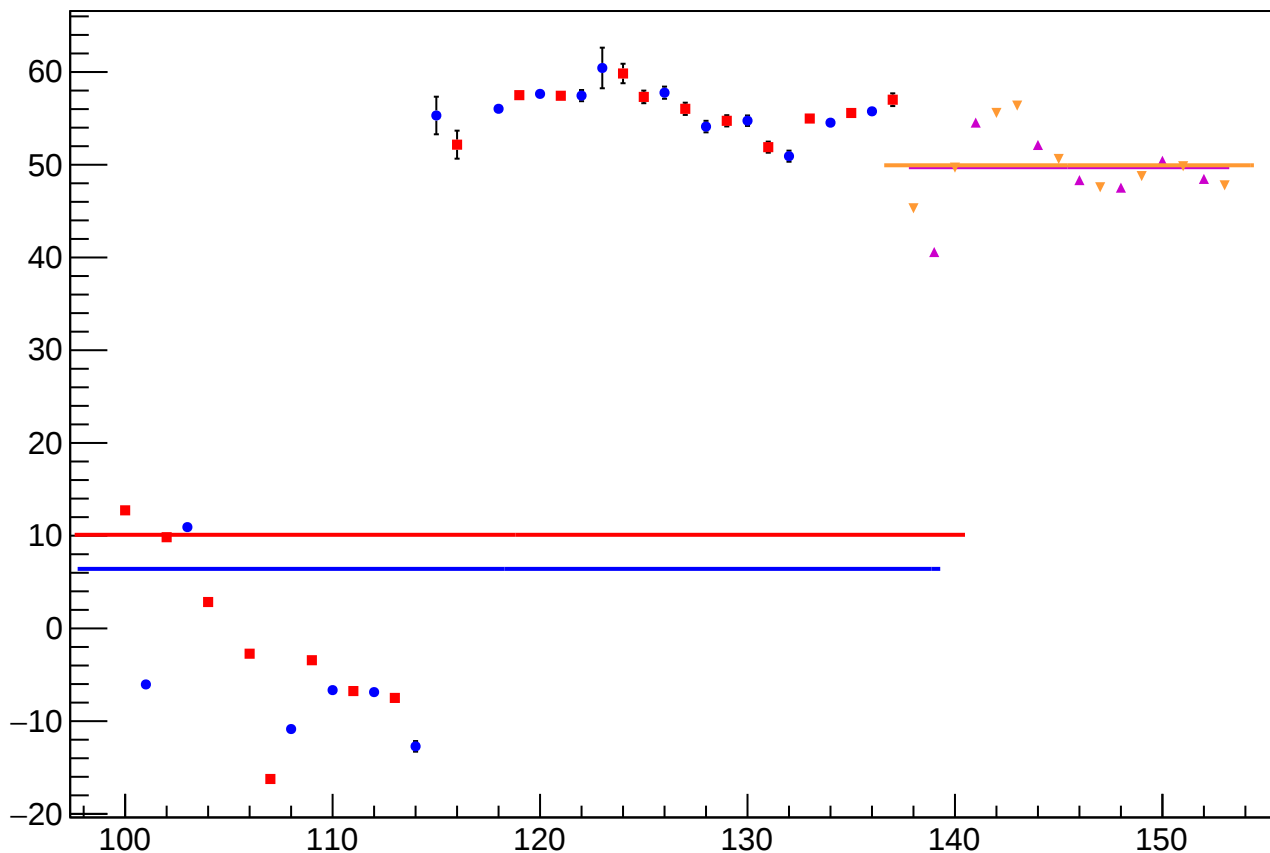
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.993 ± 0.073 $\chi^2/\text{NDF}: 4786.8/23$

Out: 3.707 ± 0.074 $\chi^2/\text{NDF}: 5737.7/27$

All: 3.347 ± 0.052 $\chi^2/\text{NDF}: 10571.6/51$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.943 ± 0.102 χ^2/NDF : 850.5/8

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.737 ± 0.112 χ^2/NDF : 759.8/6

Left: 49.849 ± 0.075 χ^2/NDF : 1612.2/15

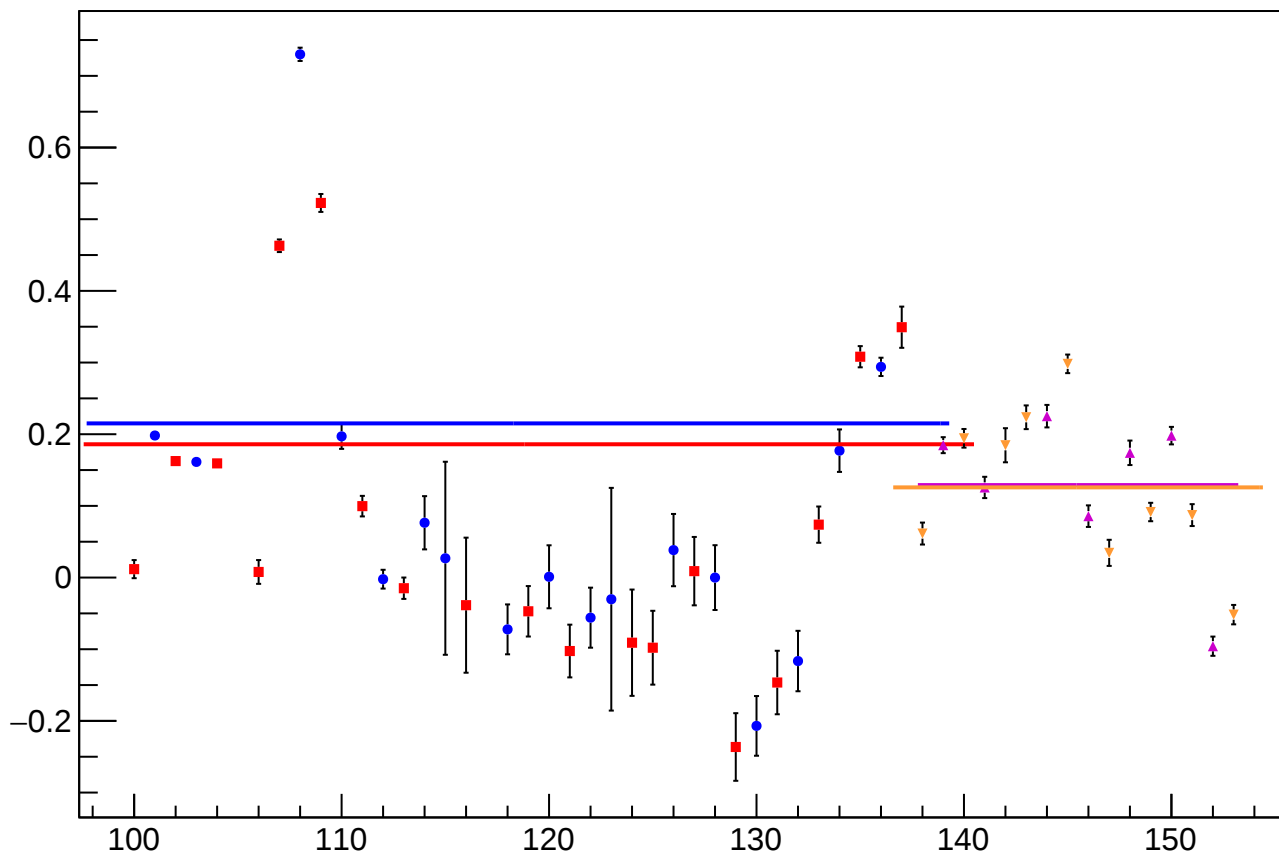
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 17.328 ± 0.056 χ^2/NDF : 236616.7/23

Out: 22.831 ± 0.058 χ^2/NDF : 227393.5/27

All: 20.006 ± 0.040 χ^2/NDF : 468711.3/51

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.126 $\pm$ 0.005 χ^2 /NDF: 473.9/8

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF: 390.6/6

Left: 0.127 $\pm$ 0.004 χ^2 /NDF: 864.7/15

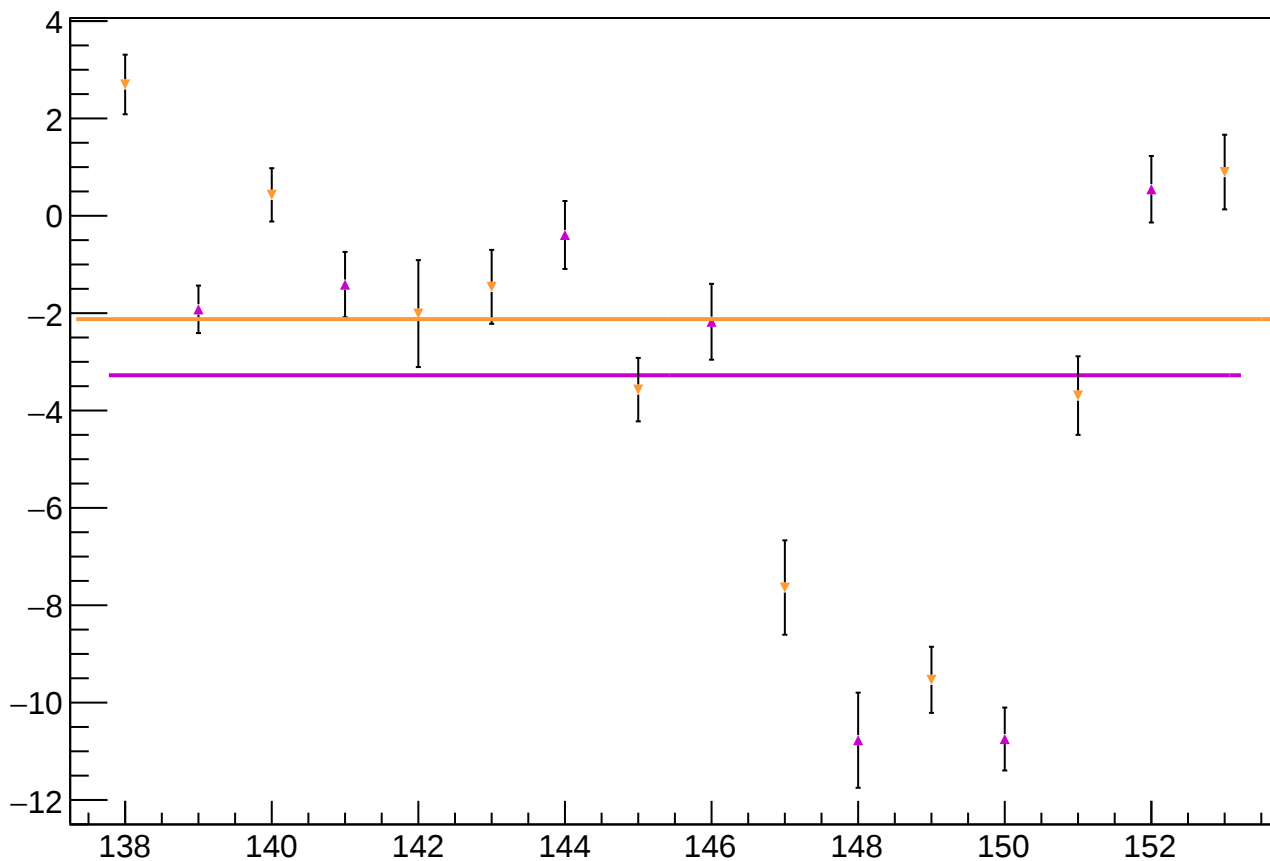
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.196 $\pm$ 0.002 χ^2 /NDF: 4530.2/23

Out: 0.172 $\pm$ 0.002 χ^2 /NDF: 3306.3/27

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 7885.4/51

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.122+/-0.240 χ^2/NDF :260.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.276+/-0.252 χ^2/NDF :258.2/6

Left: -2.670+/-0.174 χ^2/NDF : 529.3/15

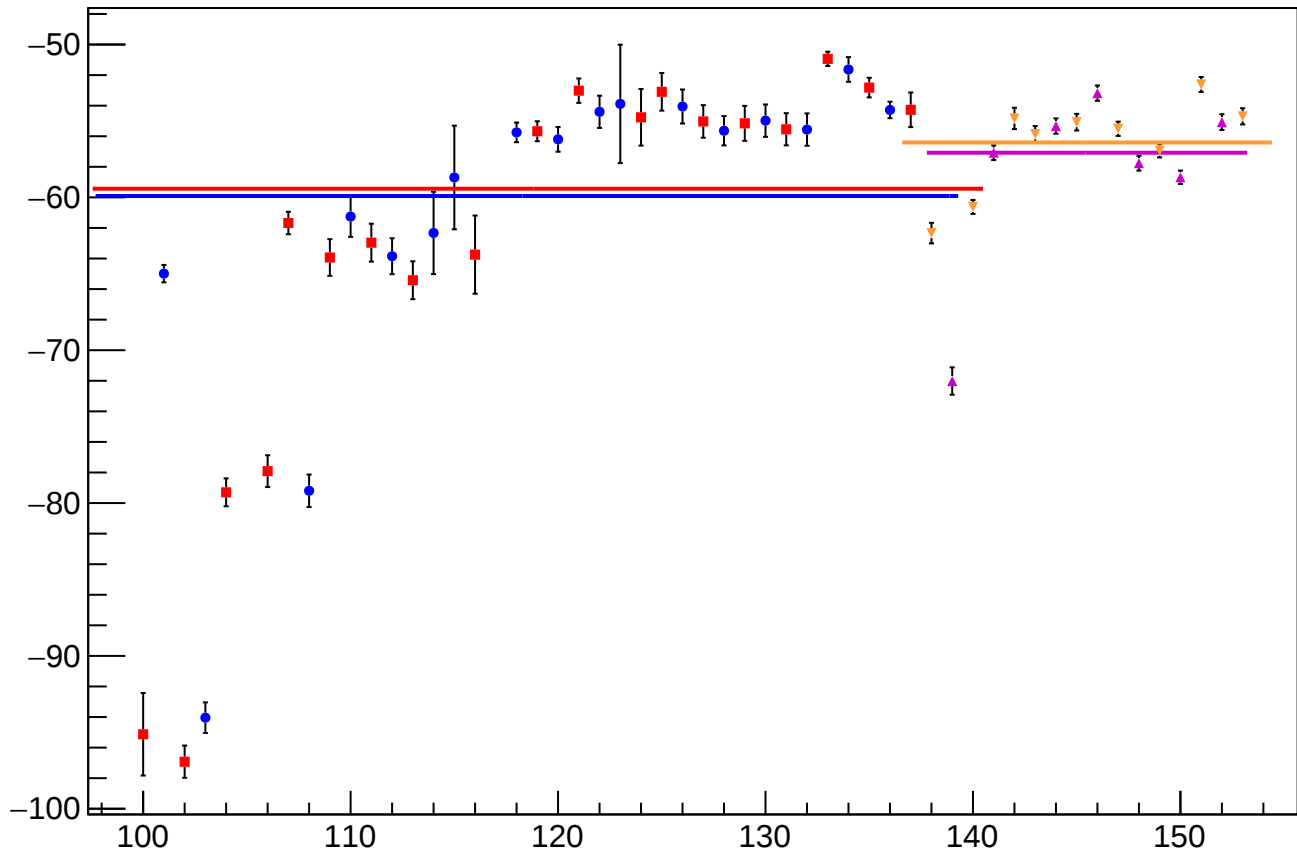
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.276+/-0.252 χ^2/NDF :258.2/6

Out: -2.122+/-0.240 χ^2/NDF :260.2/8

All: -2.670+/-0.174 χ^2/NDF : 529.3/15

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 $\pm$ 0.223 χ^2 /NDF: 1980.8/16

Left Out: -56.408 $\pm$ 0.173 χ^2 /NDF: 251.5/8

Right Out: -59.432 $\pm$ 0.212 χ^2 /NDF: 2918.9/18

Left In: -57.077 $\pm$ 0.194 χ^2 /NDF: 381.1/6

Left: -56.704 $\pm$ 0.129 χ^2 /NDF: 639.3/15

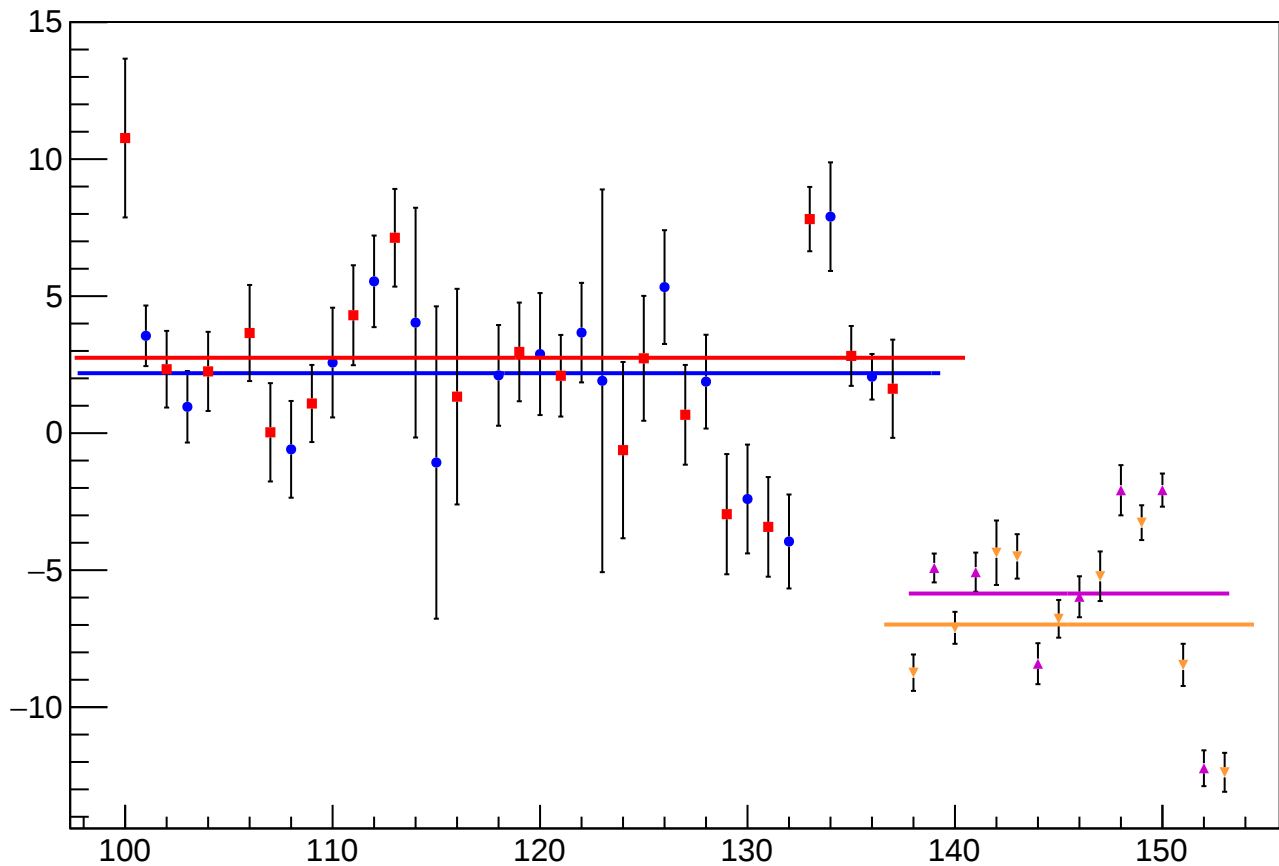
Right: -59.659 $\pm$ 0.154 χ^2 /NDF: 4902.1/35

In: -58.295 $\pm$ 0.146 χ^2 /NDF: 2453.8/23

Out: -57.616 $\pm$ 0.134 χ^2 /NDF: 3293.0/27

All: -57.925 $\pm$ 0.099 χ^2 /NDF: 5758.6/51

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.984 ± 0.243 $\chi^2/\text{NDF}: 120.8/8$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.853 ± 0.255 $\chi^2/\text{NDF}: 167.1/6$

Left: -6.445 ± 0.176 $\chi^2/\text{NDF}: 298.2/15$

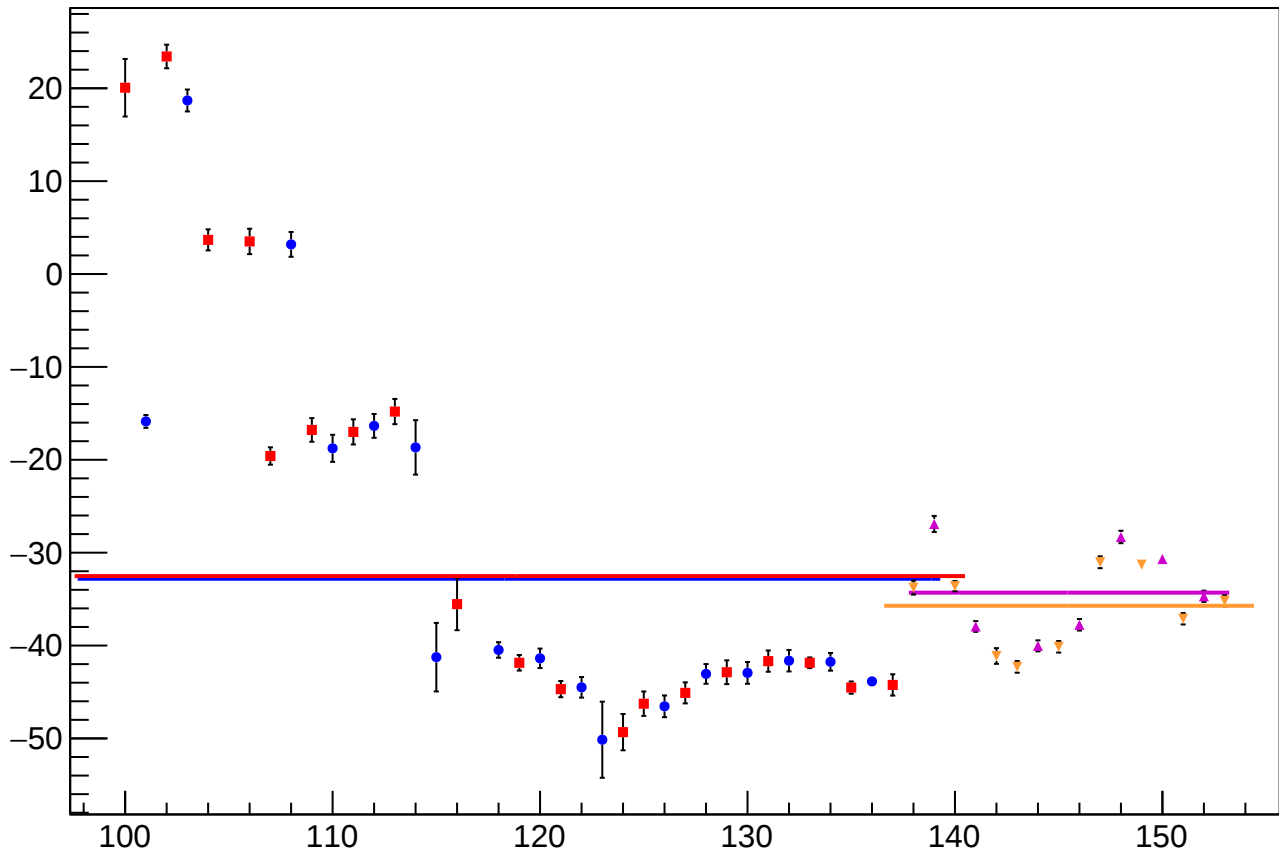
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -3.570 ± 0.216 $\chi^2/\text{NDF}: 489.1/23$

Out: -4.234 ± 0.206 $\chi^2/\text{NDF}: 632.5/27$

All: -3.917 ± 0.149 $\chi^2/\text{NDF}: 1126.6/51$

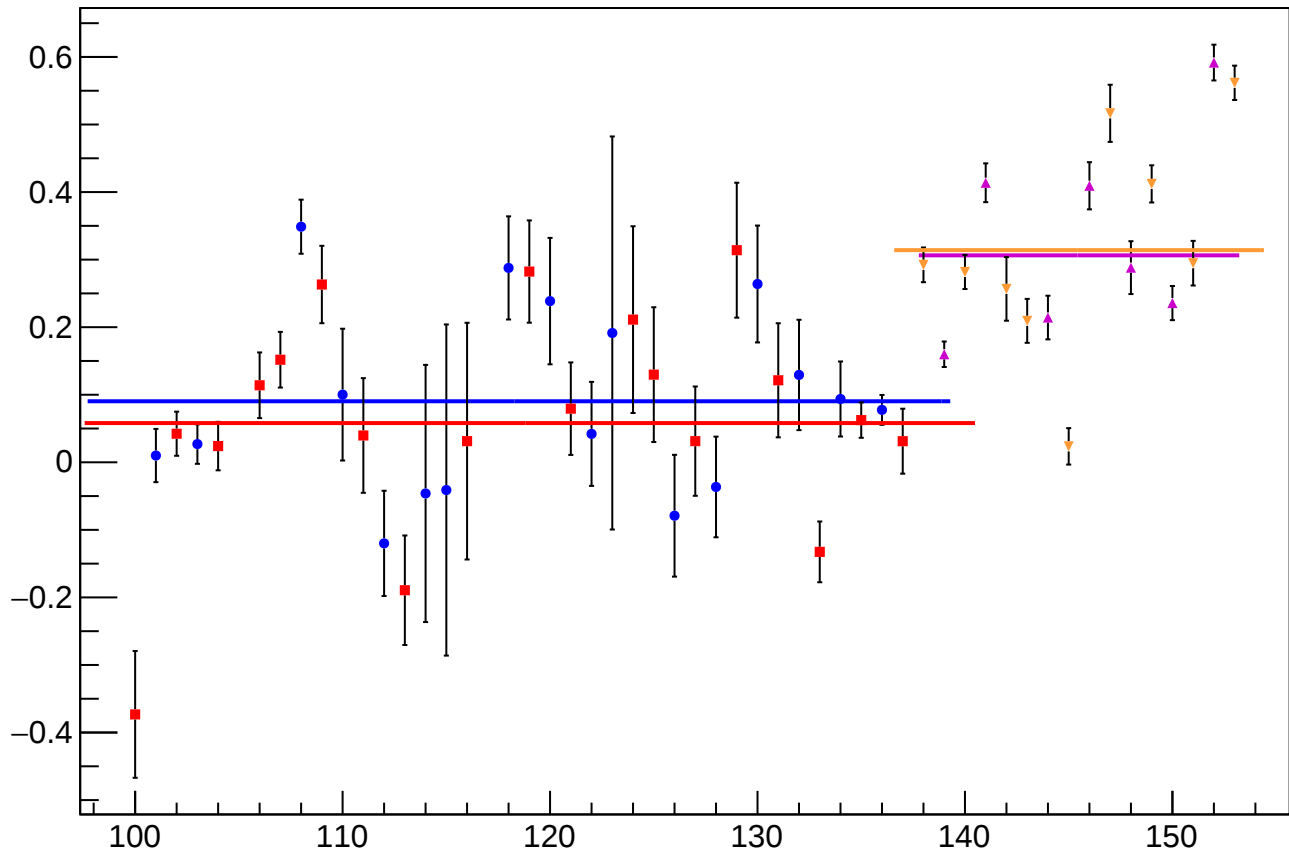
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$
 Left Out: -35.719 ± 0.208 $\chi^2/\text{NDF}: 351.8/8$
 Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$
 Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

Left: -35.087 ± 0.155 $\chi^2/\text{NDF}: 740.9/15$
 Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$
 In: -33.624 ± 0.171 $\chi^2/\text{NDF}: 5050.3/23$
 Out: -34.368 ± 0.158 $\chi^2/\text{NDF}: 6491.4/27$
 All: -34.025 ± 0.116 $\chi^2/\text{NDF}: 11551.9/51$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.314 ± 0.010 $\chi^2/\text{NDF}: 261.0/8$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.306 ± 0.010 $\chi^2/\text{NDF}: 215.1/6$

Left: 0.310 ± 0.007 $\chi^2/\text{NDF}: 476.4/15$

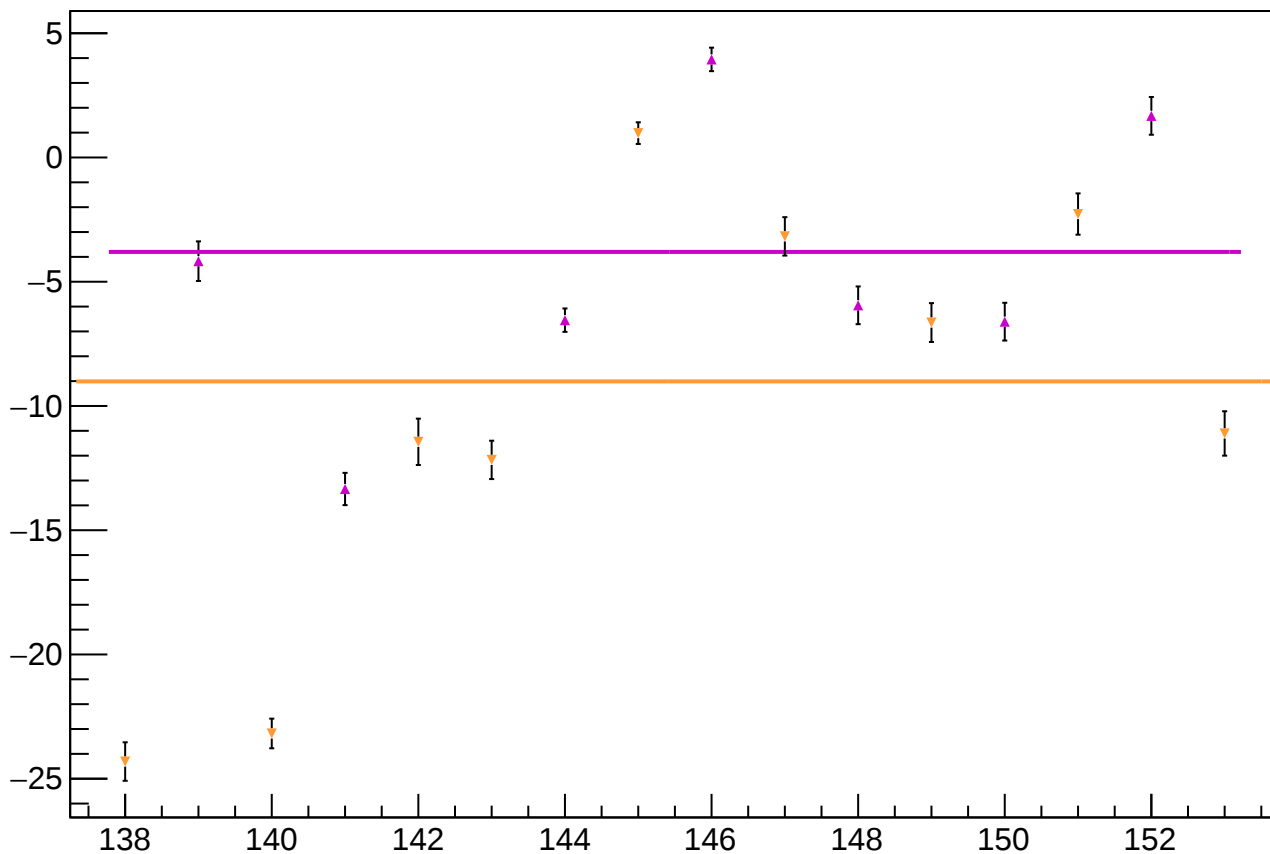
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.221 ± 0.008 $\chi^2/\text{NDF}: 468.7/23$

Out: 0.212 ± 0.008 $\chi^2/\text{NDF}: 615.1/27$

All: 0.216 ± 0.006 $\chi^2/\text{NDF}: 1084.4/51$

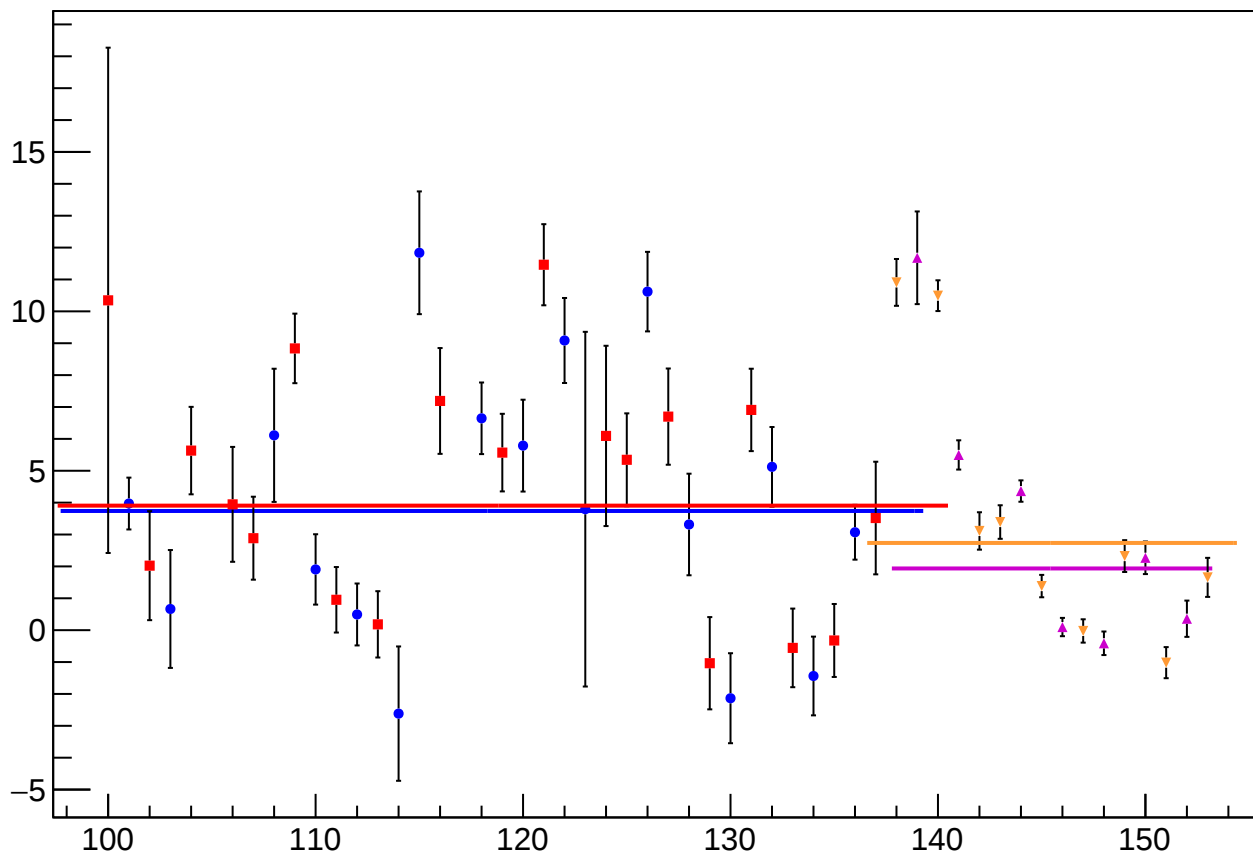
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.011+/-0.232 χ^2/NDF :1639.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.800+/-0.235 χ^2/NDF :592.5/6

Left: -6.438+/-0.165 χ^2/NDF : 2481.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.800+/-0.235 χ^2/NDF :592.5/6
 Out: -9.011+/-0.232 χ^2/NDF :1639.9/8
 All: -6.438+/-0.165 χ^2/NDF : 2481.5/15

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 2.736 ± 0.160 $\chi^2/\text{NDF}: 519.0/8$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 1.935 ± 0.157 $\chi^2/\text{NDF}: 247.1/6$

Left: 2.329 ± 0.112 $\chi^2/\text{NDF}: 778.8/15$

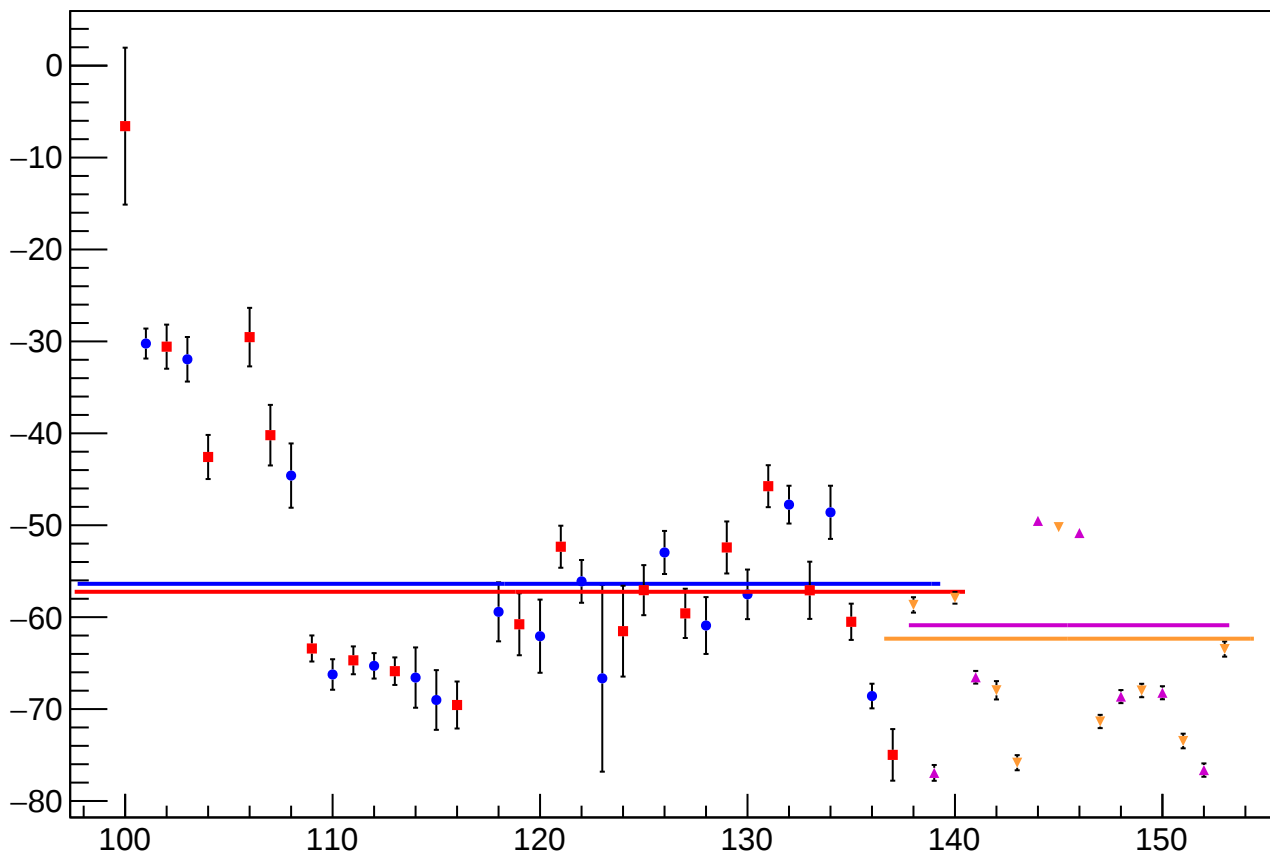
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 2.306 ± 0.140 $\chi^2/\text{NDF}: 411.0/23$

Out: 2.974 ± 0.143 $\chi^2/\text{NDF}: 665.4/27$

All: 2.634 ± 0.100 $\chi^2/\text{NDF}: 1087.6/51$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.341 ± 0.237 χ^2/NDF : 1466.0/8

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -60.879 ± 0.235 χ^2/NDF : 2105.4/6

Left: -61.606 ± 0.167 χ^2/NDF : 3590.6/15

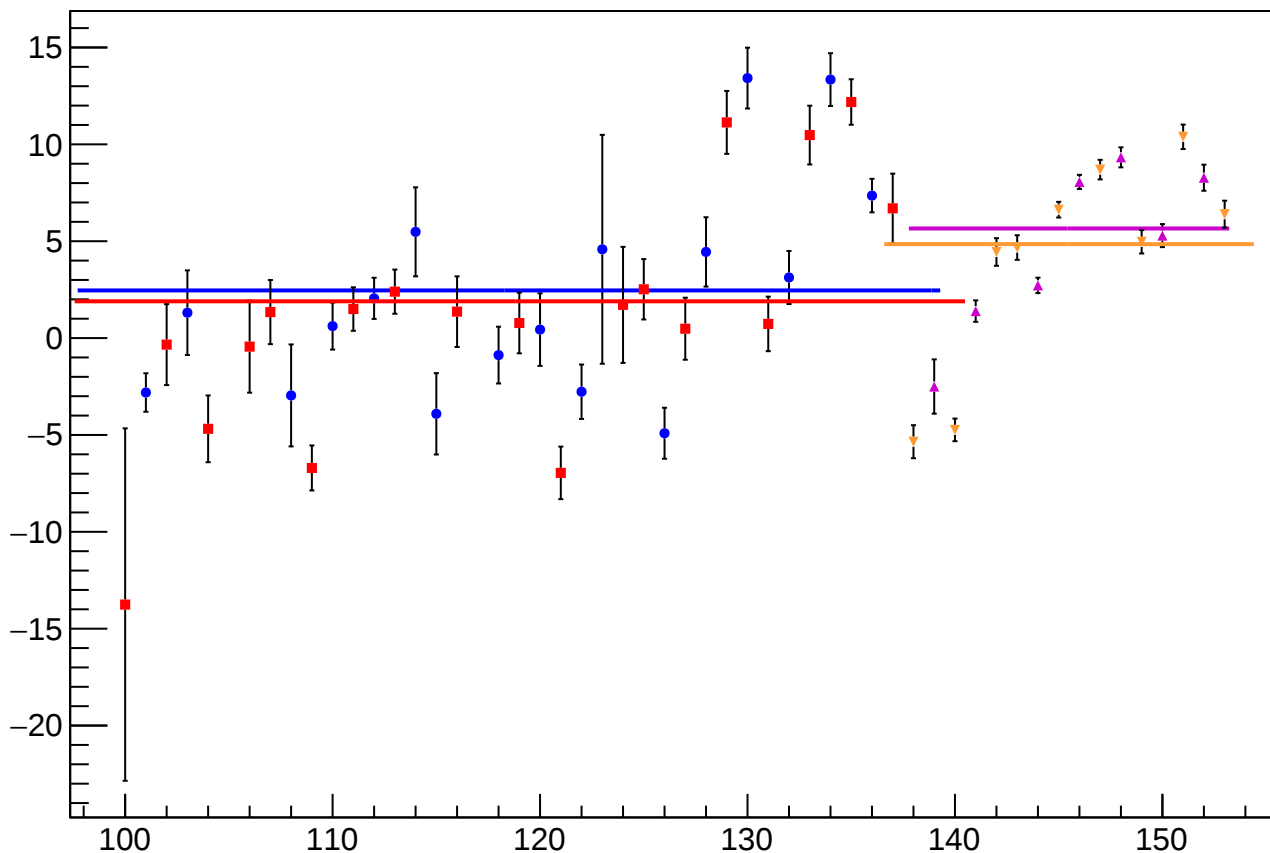
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.167 ± 0.216 χ^2/NDF : 2751.0/23

Out: -61.509 ± 0.216 χ^2/NDF : 2018.1/27

All: -60.836 ± 0.153 χ^2/NDF : 4788.4/51

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.848 ± 0.196 χ^2/NDF : 572.0/8

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.657 ± 0.195 χ^2/NDF : 257.2/6

Left: 5.255 ± 0.138 χ^2/NDF : 837.8/15

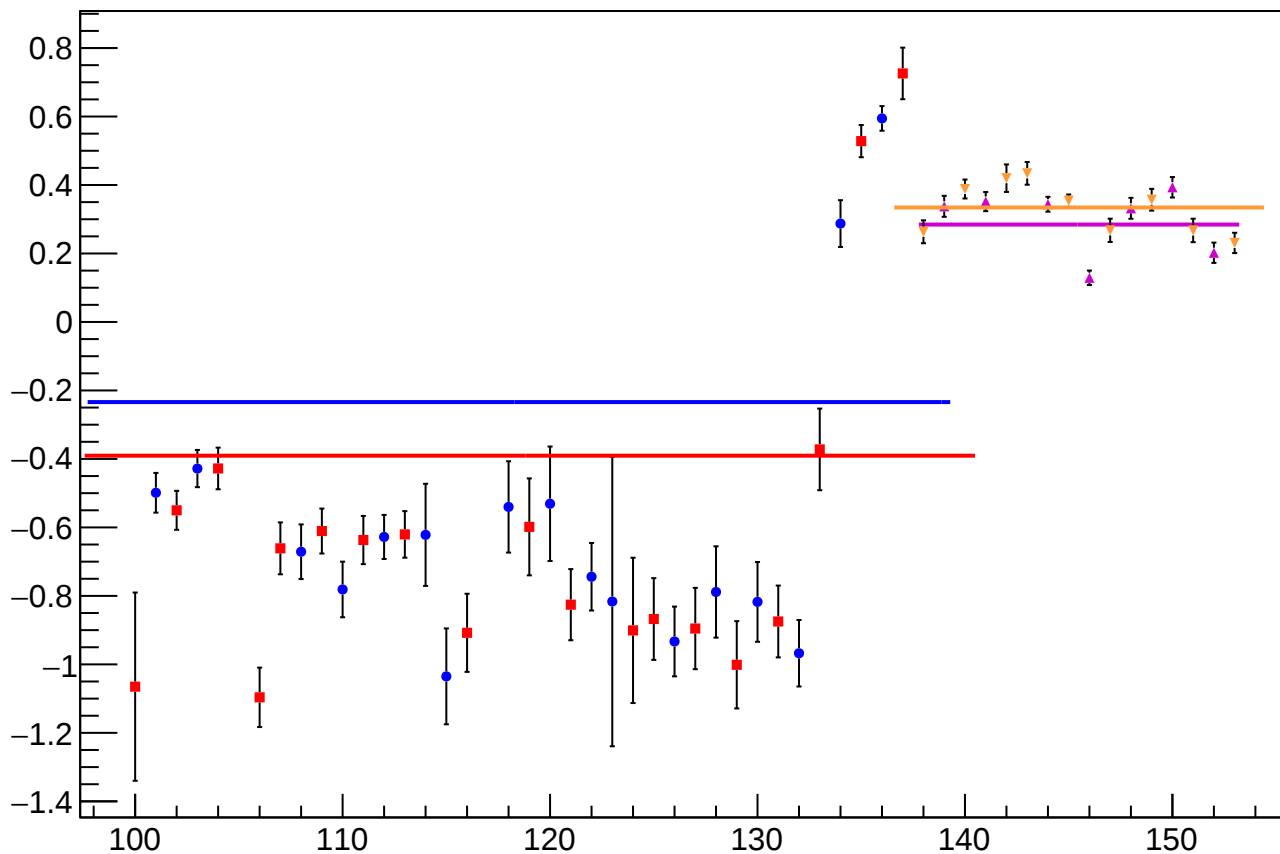
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.890 ± 0.170 χ^2/NDF : 565.9/23

Out: 4.159 ± 0.171 χ^2/NDF : 893.1/27

All: 4.528 ± 0.121 χ^2/NDF : 1468.2/51

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.334 ± 0.010 χ^2/NDF : 43.5/8

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

Left: 0.310 ± 0.007 χ^2/NDF : 149.9/15

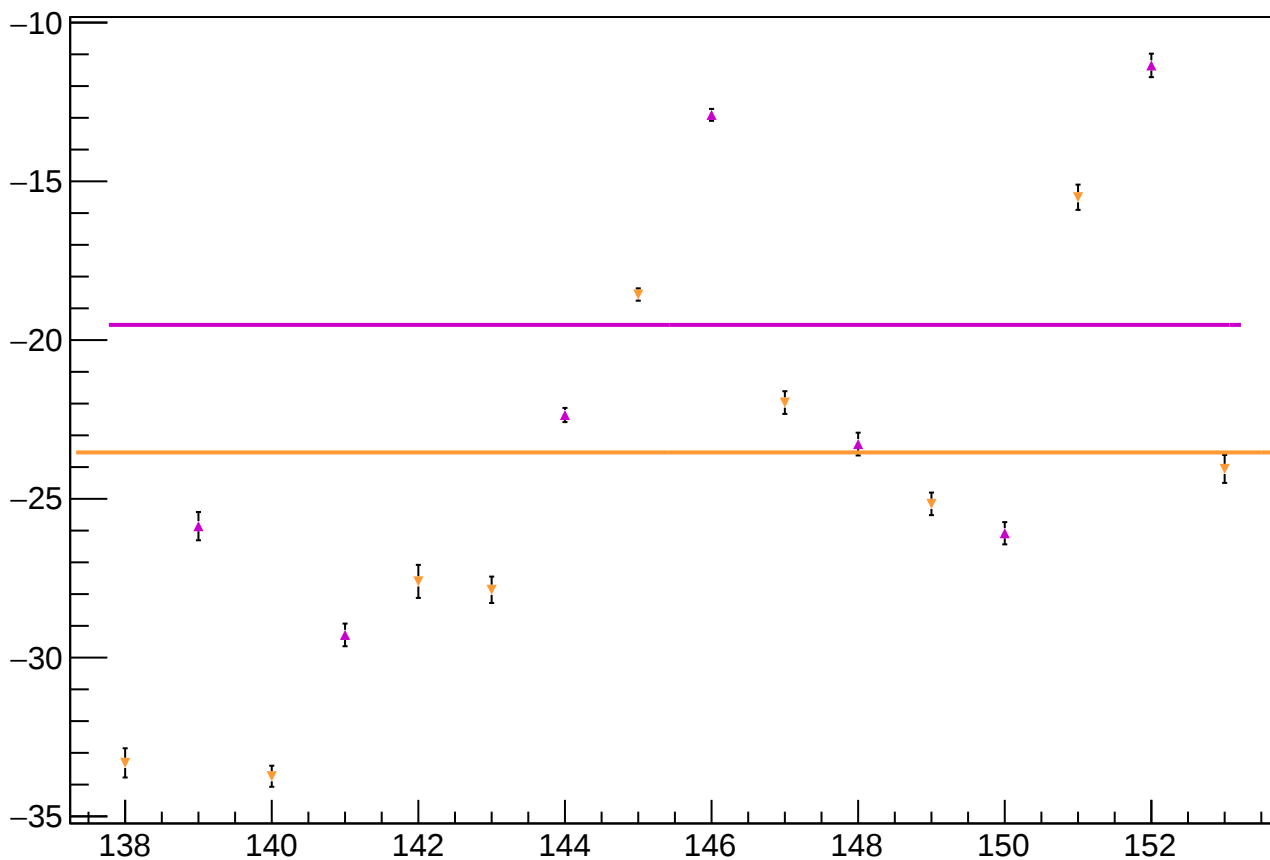
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.171 ± 0.009 χ^2/NDF : 1640.7/23

Out: 0.184 ± 0.009 χ^2/NDF : 2053.9/27

All: 0.178 ± 0.006 χ^2/NDF : 3695.6/51

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



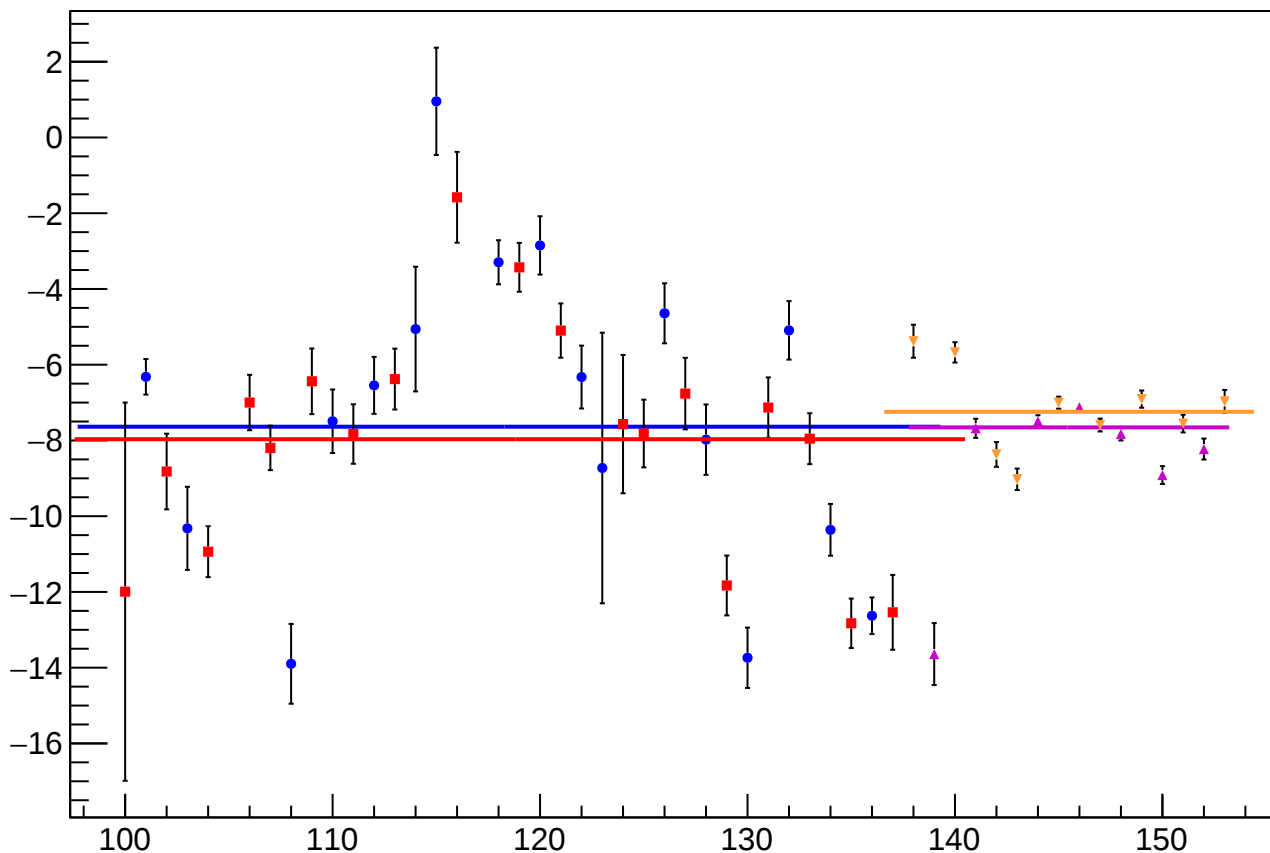
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.538+/-0.114 χ^2/NDF :2666.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.522+/-0.109 χ^2/NDF :3306.4/6

Left: -21.433+/-0.079 χ^2/NDF : 6622.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.522+/-0.109 χ^2/NDF :3306.4/6
 Out: -23.538+/-0.114 χ^2/NDF :2666.4/8

All: -21.433+/-0.079 χ^2/NDF : 6622.4/15

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.243 ± 0.078 χ^2/NDF : 115.2/8

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

Left: -7.466 ± 0.053 χ^2/NDF : 239.4/15

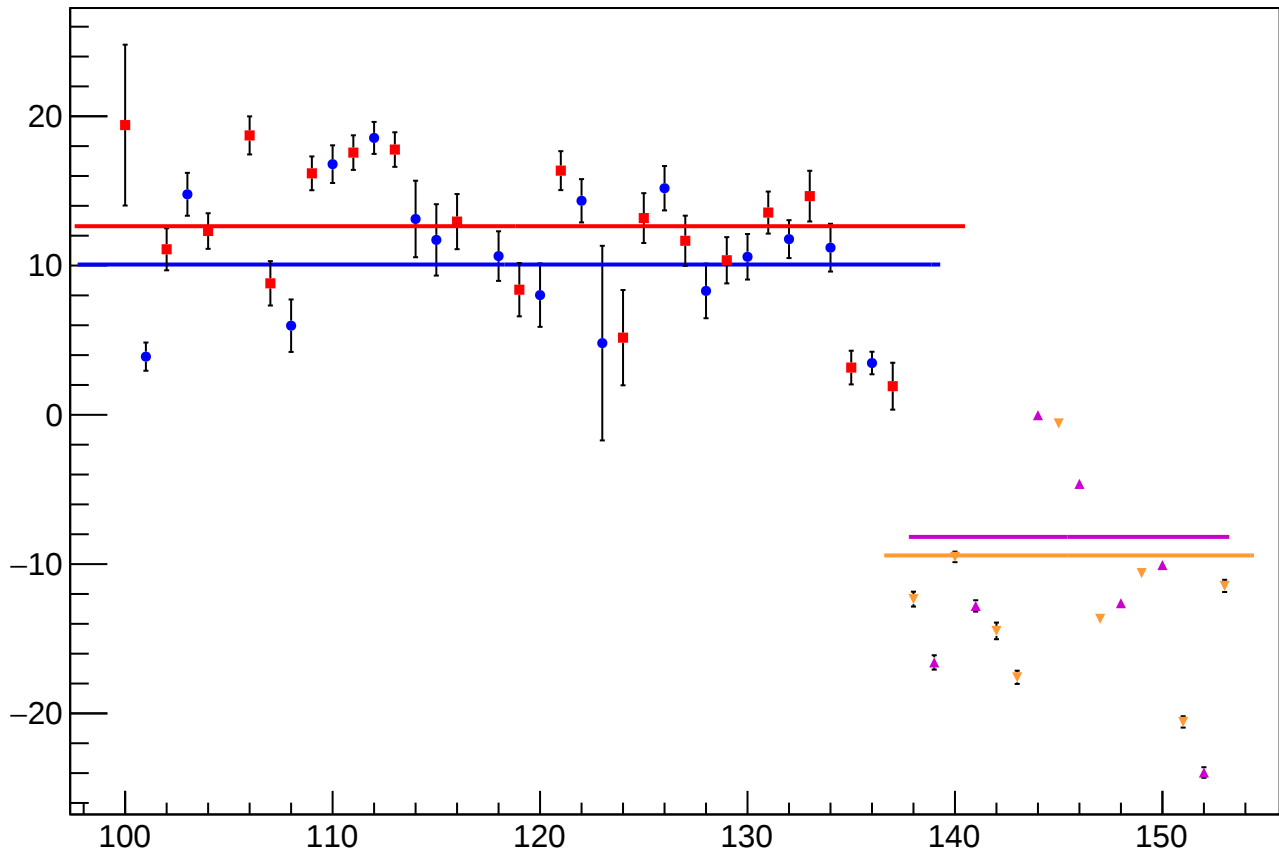
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.652 ± 0.067 χ^2/NDF : 503.1/23

Out: -7.352 ± 0.072 χ^2/NDF : 355.4/27

All: -7.513 ± 0.049 χ^2/NDF : 867.9/51

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.419 ± 0.116 $\chi^2/\text{NDF}: 3355.3/8$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.177 ± 0.108 $\chi^2/\text{NDF}: 4197.2/6$

Left: -8.756 ± 0.079 $\chi^2/\text{NDF}: 7614.1/15$

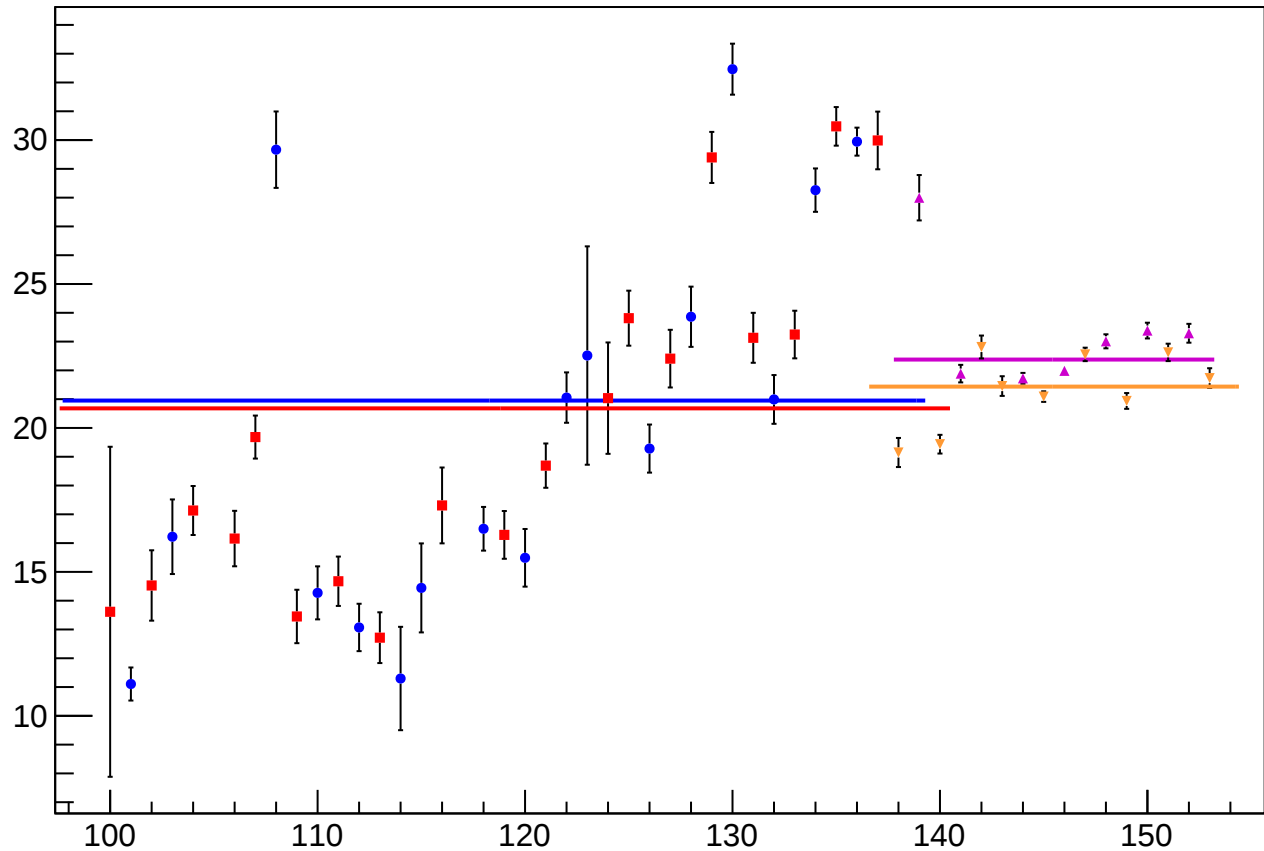
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.479 ± 0.103 $\chi^2/\text{NDF}: 7102.6/23$

Out: -7.040 ± 0.109 $\chi^2/\text{NDF}: 7501.2/27$

All: -6.743 ± 0.075 $\chi^2/\text{NDF}: 14617.8/51$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.436 $\pm$ 0.096 χ^2 /NDF:116.3/8

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.375 $\pm$ 0.089 χ^2 /NDF:100.5/6

Left: 21.940 $\pm$ 0.065 χ^2 /NDF: 268.4/15

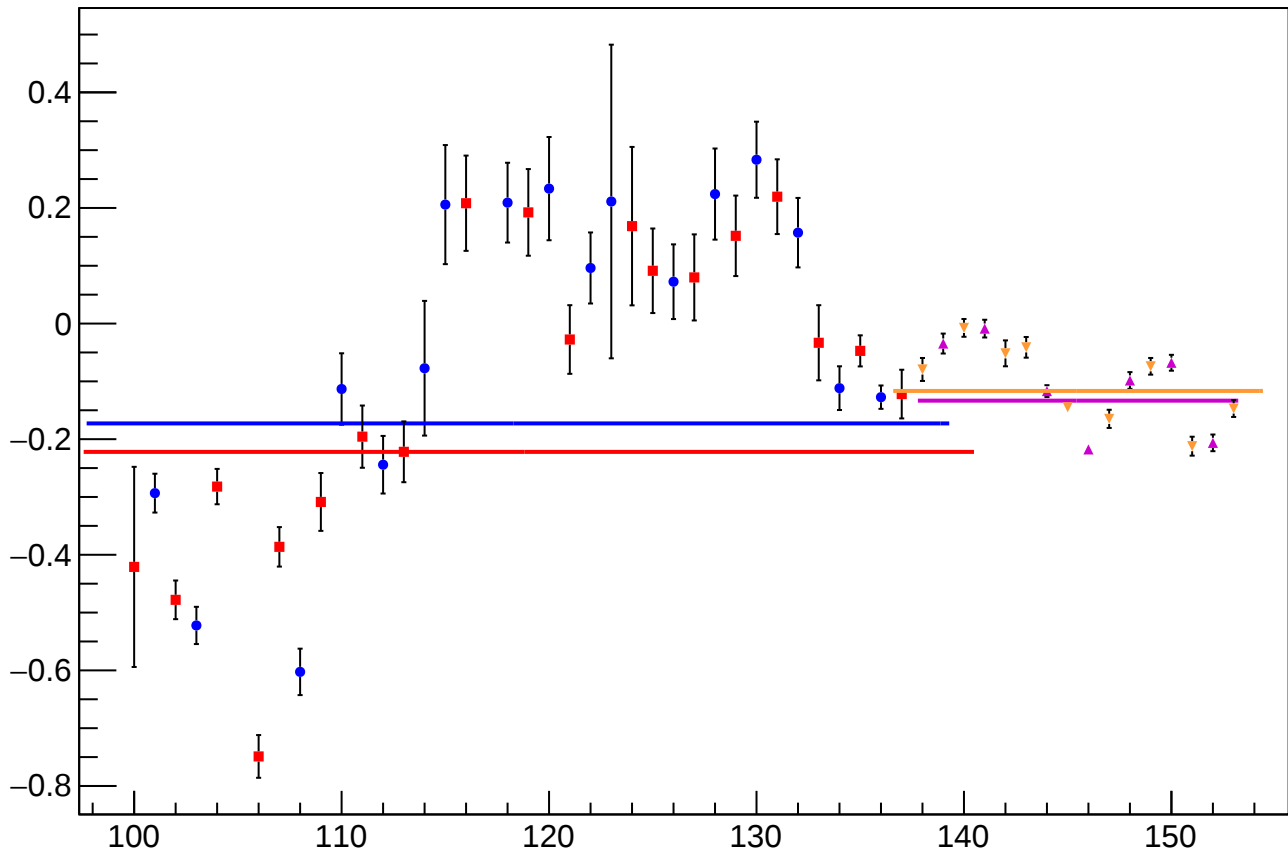
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.158 $\pm$ 0.082 χ^2 /NDF:1362.3/23

Out: 21.309 $\pm$ 0.087 χ^2 /NDF:855.3/27

All: 21.760 $\pm$ 0.060 χ^2 /NDF: 2267.9/51

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.117 ± 0.005 χ^2/NDF : 148.6/8

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.133 ± 0.005 χ^2/NDF : 255.5/6

Left: -0.125 ± 0.003 χ^2/NDF : 410.5/15

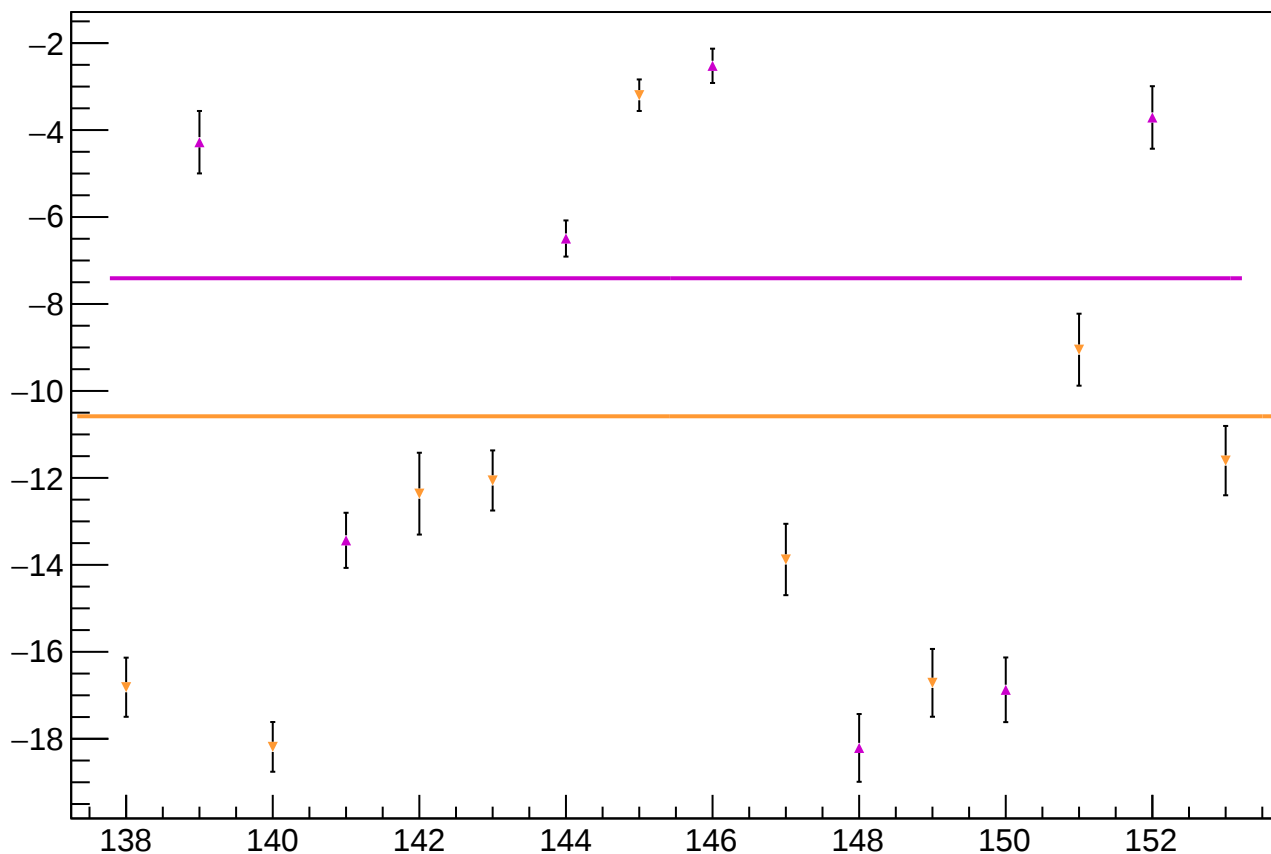
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.139 ± 0.004 χ^2/NDF : 726.4/23

Out: -0.133 ± 0.004 χ^2/NDF : 763.2/27

All: -0.136 ± 0.003 χ^2/NDF : 1490.6/51

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Left: -9.002+/-0.150 χ^2/NDF : 1525.9/15

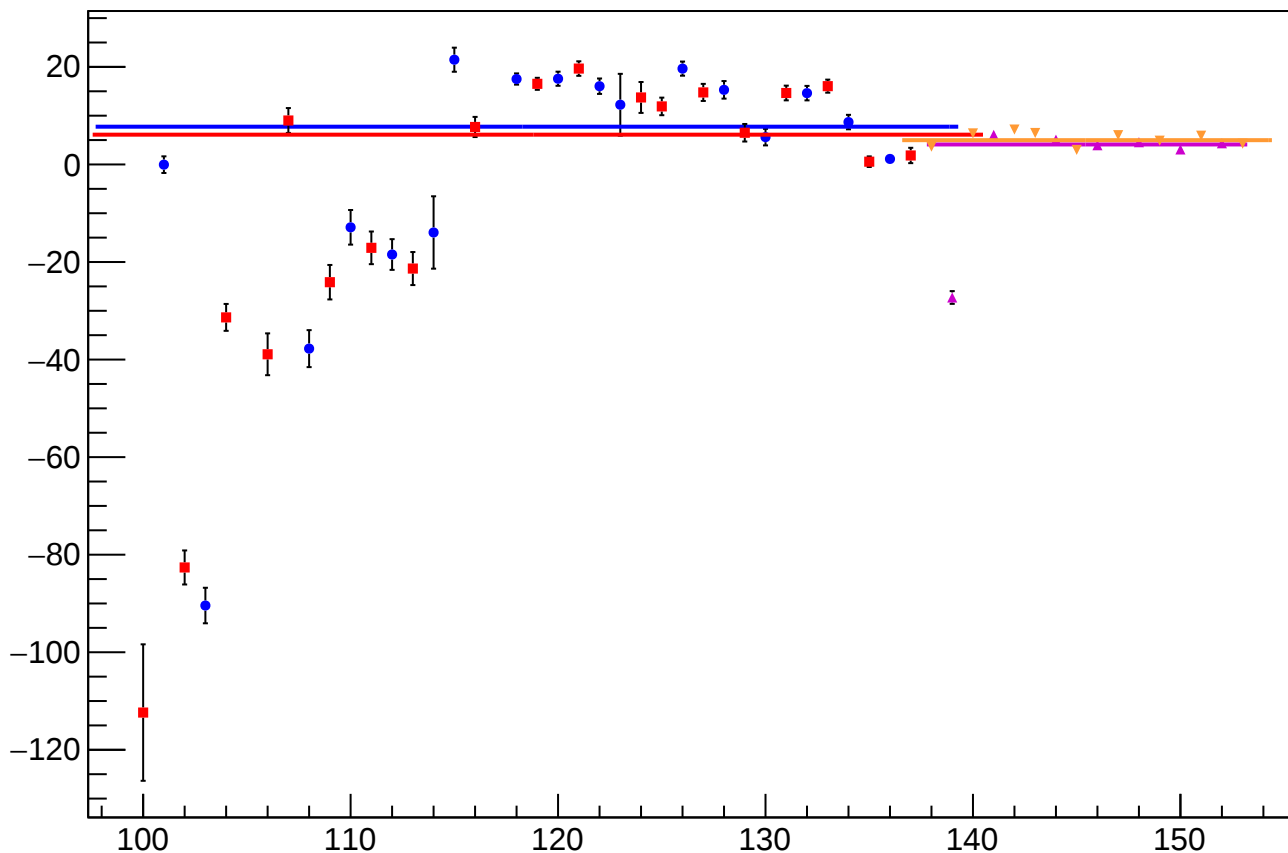
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

All: -9.002+/-0.150 χ^2/NDF : 1525.9/15

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.979 ± 0.150 $\chi^2/\text{NDF}: 96.5/8$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

Left: 4.528 ± 0.104 $\chi^2/\text{NDF}: 726.7/15$

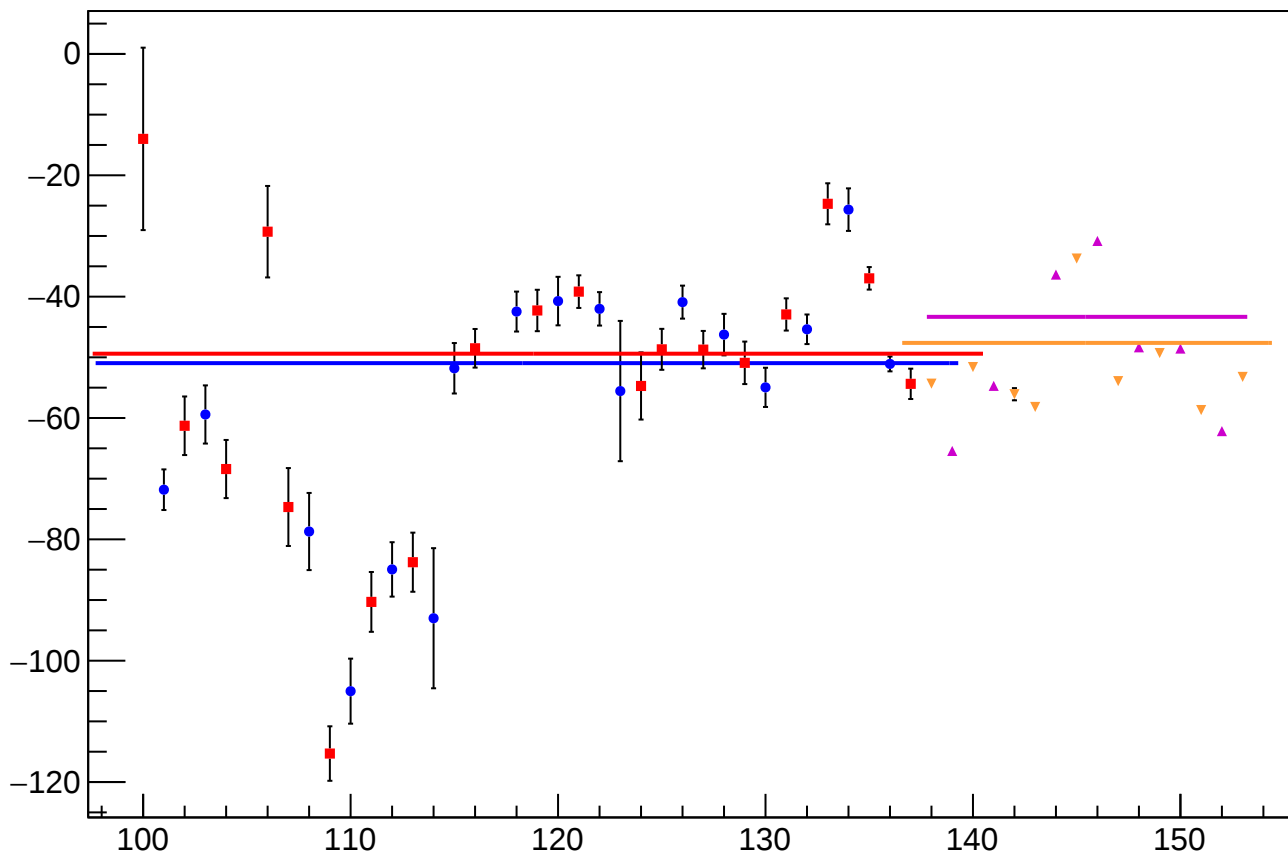
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.521 ± 0.137 $\chi^2/\text{NDF}: 2043.6/23$

Out: 5.099 ± 0.142 $\chi^2/\text{NDF}: 1620.2/27$

All: 4.801 ± 0.098 $\chi^2/\text{NDF}: 3672.5/51$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -47.623 ± 0.218 χ^2/NDF : 2013.9/8

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

Left: -45.433 ± 0.153 χ^2/NDF : 5488.0/15

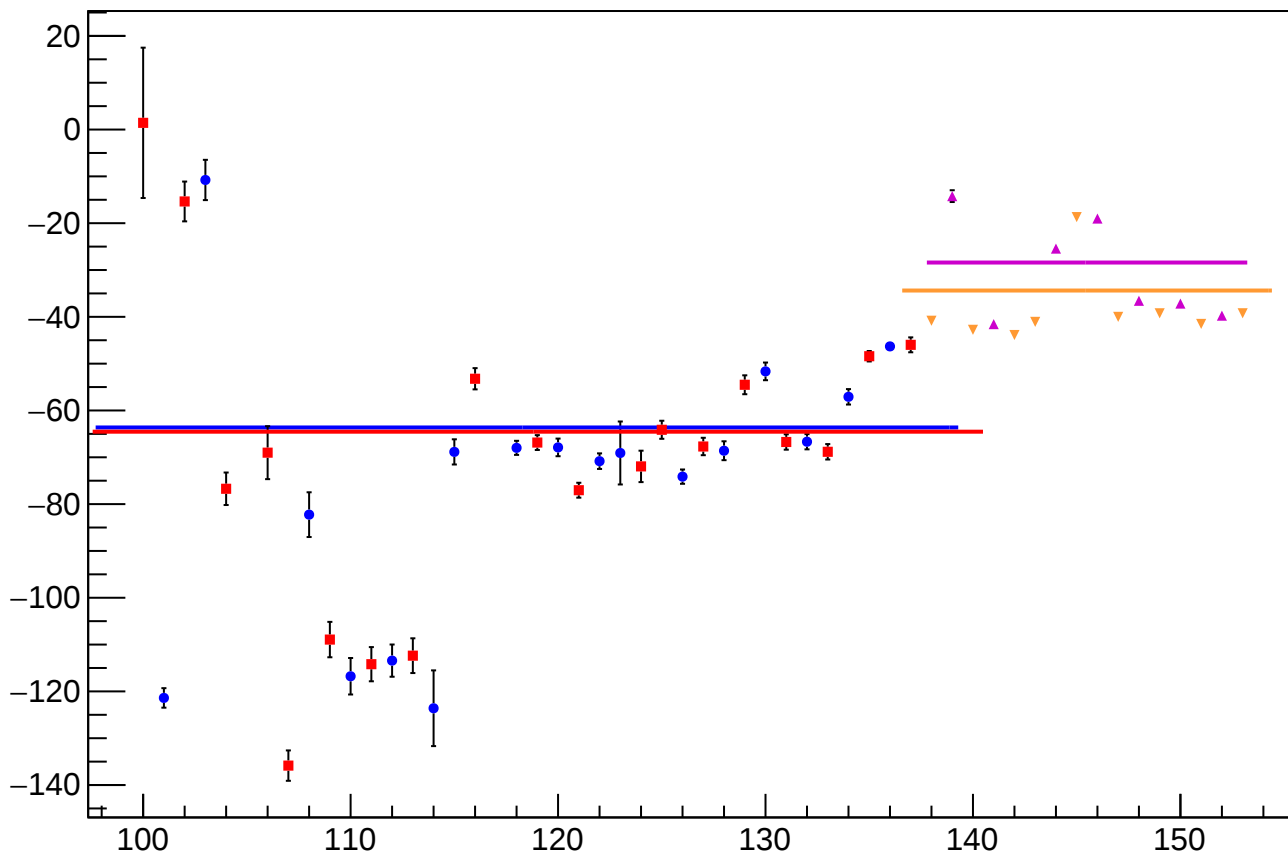
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -43.919 ± 0.205 χ^2/NDF : 3706.9/23

Out: -47.747 ± 0.210 χ^2/NDF : 2530.5/27

All: -45.787 ± 0.147 χ^2/NDF : 6406.9/51

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.381 ± 0.182 χ^2/NDF : 3179.2/8

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

Left: -31.347 ± 0.128 χ^2/NDF : 6190.2/15

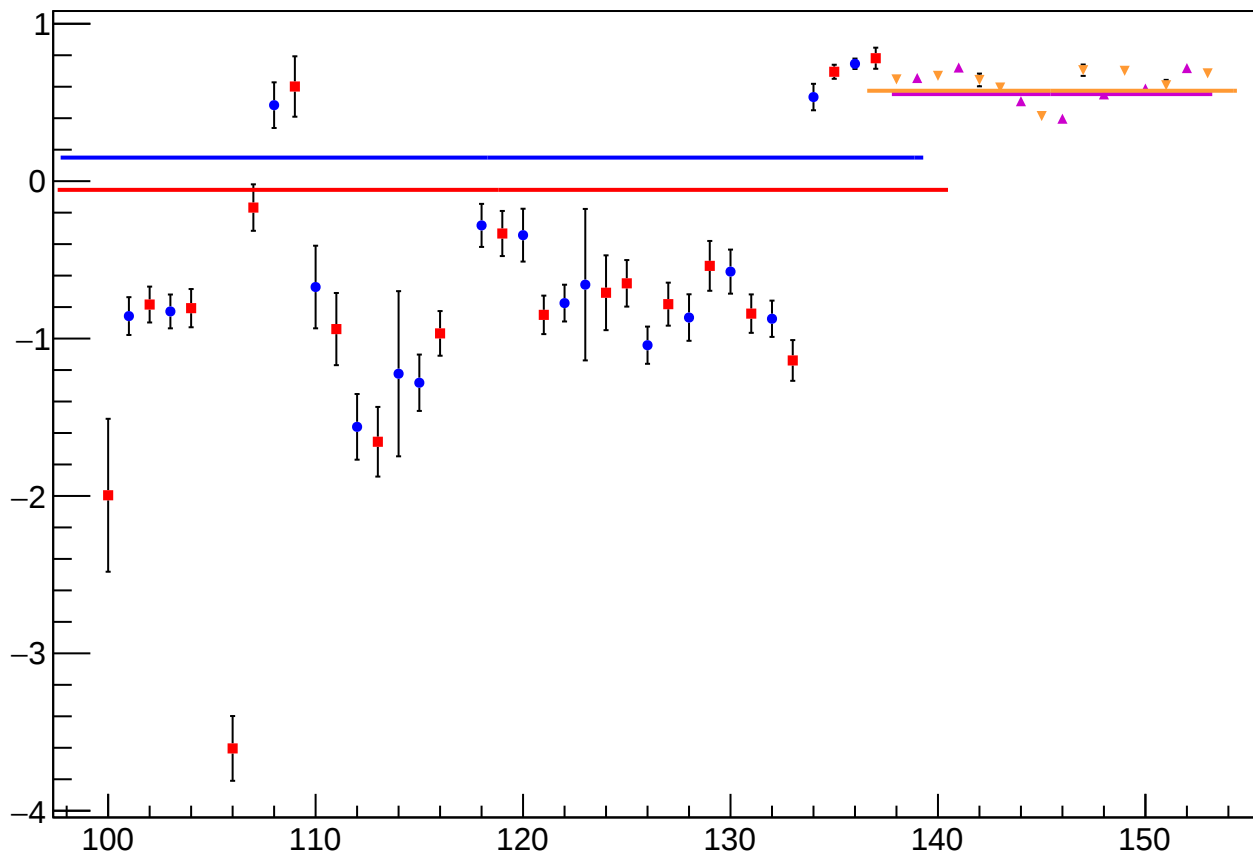
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.296 ± 0.166 χ^2/NDF : 9849.3/23

Out: -38.134 ± 0.170 χ^2/NDF : 8216.7/27

All: -35.659 ± 0.119 χ^2/NDF : 18480.1/51

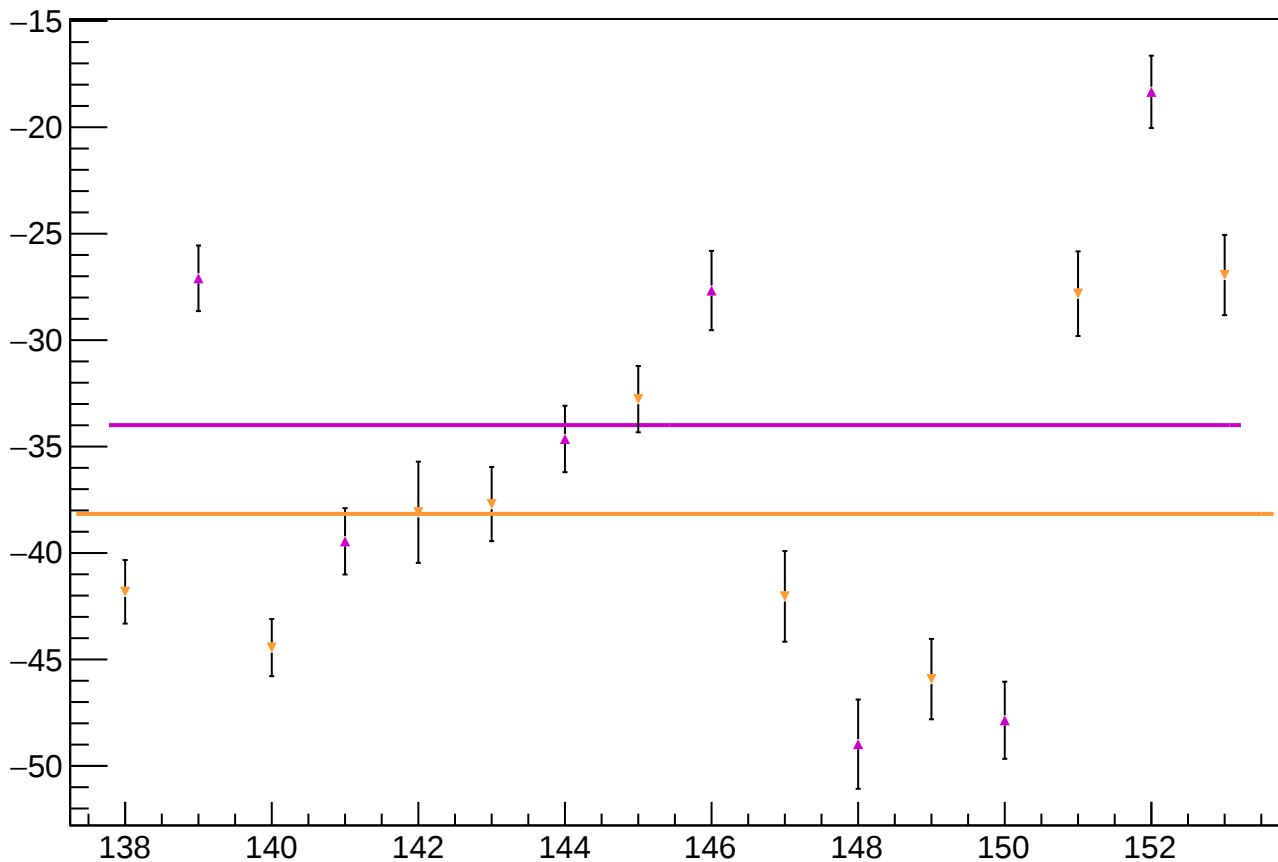
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.574 ± 0.009 $\chi^2/\text{NDF}: 181.6/8$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.553 ± 0.009 $\chi^2/\text{NDF}: 170.5/6$

Left: 0.564 ± 0.006 $\chi^2/\text{NDF}: 354.9/15$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.502 ± 0.009 $\chi^2/\text{NDF}: 1406.6/23$
 Out: 0.510 ± 0.008 $\chi^2/\text{NDF}: 1870.2/27$
 All: 0.506 ± 0.006 $\chi^2/\text{NDF}: 3277.2/51$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -38.162 $\pm$ 0.581 χ^2 /NDF:122.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -33.991 $\pm$ 0.644 χ^2 /NDF:238.4/6

Left: -36.290 $\pm$ 0.432 χ^2 /NDF: 384.3/15

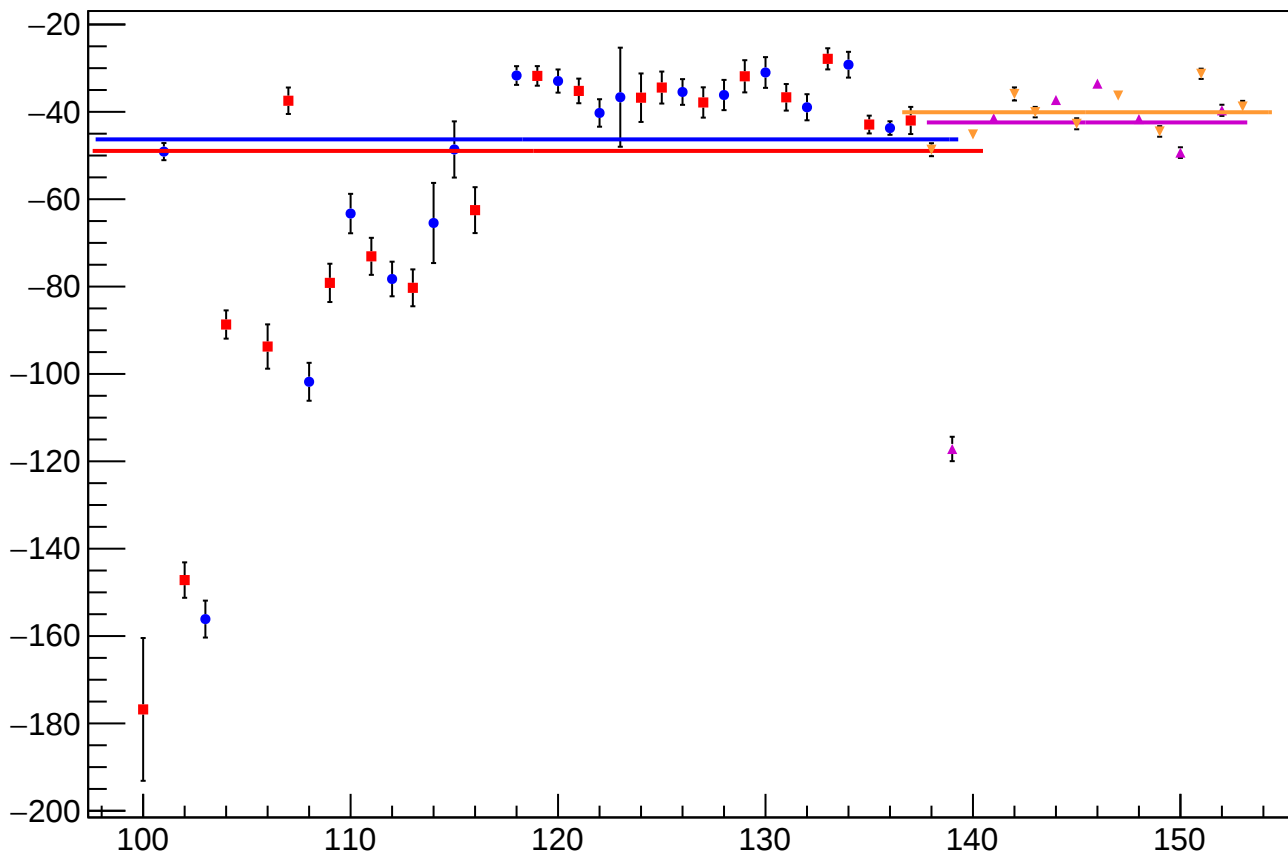
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.991 $\pm$ 0.644 χ^2 /NDF:238.4/6

Out: -38.162 $\pm$ 0.581 χ^2 /NDF:122.8/8

All: -36.290 $\pm$ 0.432 χ^2 /NDF: 384.3/15

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301+/-0.723 χ^2/NDF : 1084.0/16

Left Out: -40.090+/-0.407 χ^2/NDF :151.4/8

Right Out: -48.945+/-0.762 χ^2/NDF : 1273.6/18

Left In: -42.424+/-0.459 χ^2/NDF :836.9/6

Left: -41.119+/-0.305 χ^2/NDF : 1002.8/15

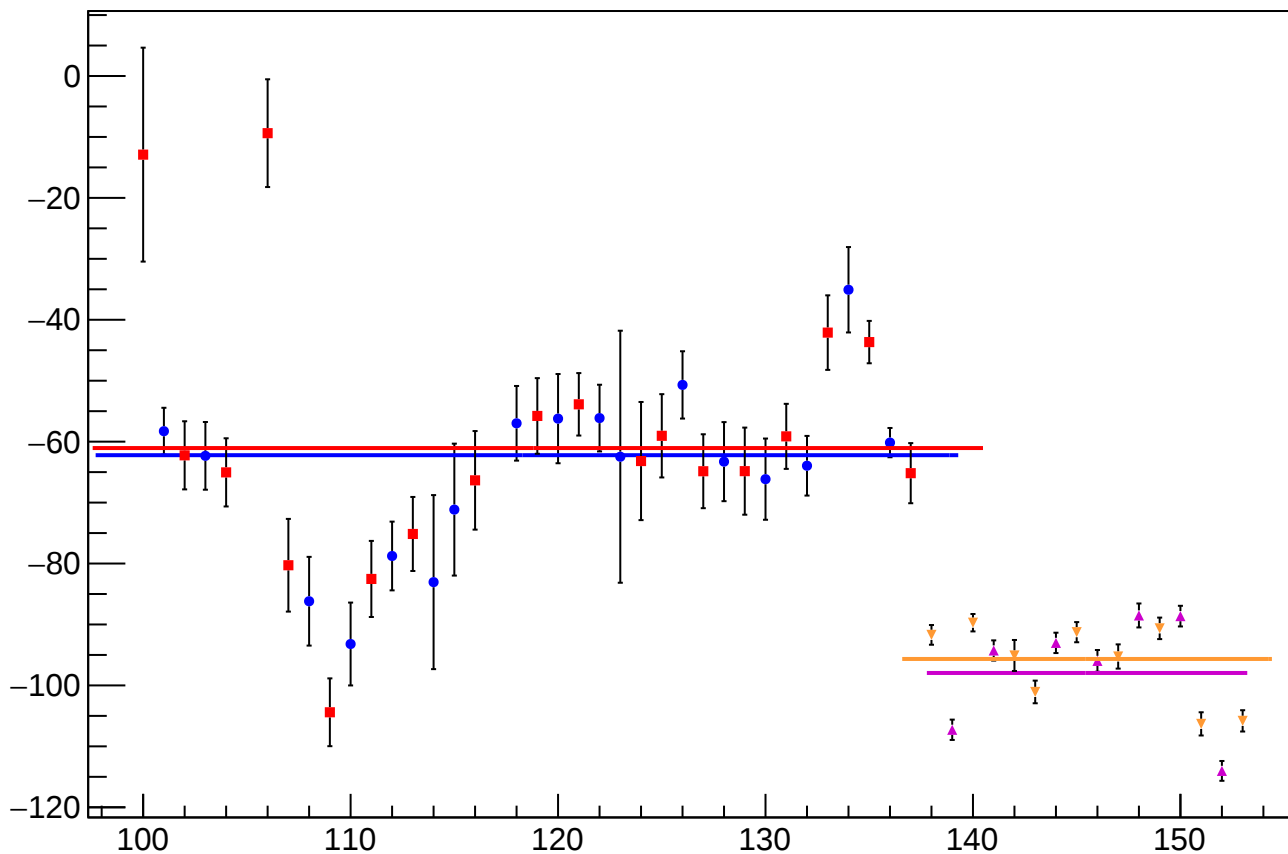
Right: -47.554+/-0.525 χ^2/NDF : 2363.9/35

In: -43.537+/-0.388 χ^2/NDF :1941.4/23

Out: -42.056+/-0.359 χ^2/NDF :1529.9/27

All: -42.740+/-0.263 χ^2/NDF : 3479.2/51

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -95.660 ± 0.591 χ^2/NDF : 112.2/8

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -97.958 ± 0.648 χ^2/NDF : 197.2/6

Left: -96.704 ± 0.437 χ^2/NDF : 316.2/15

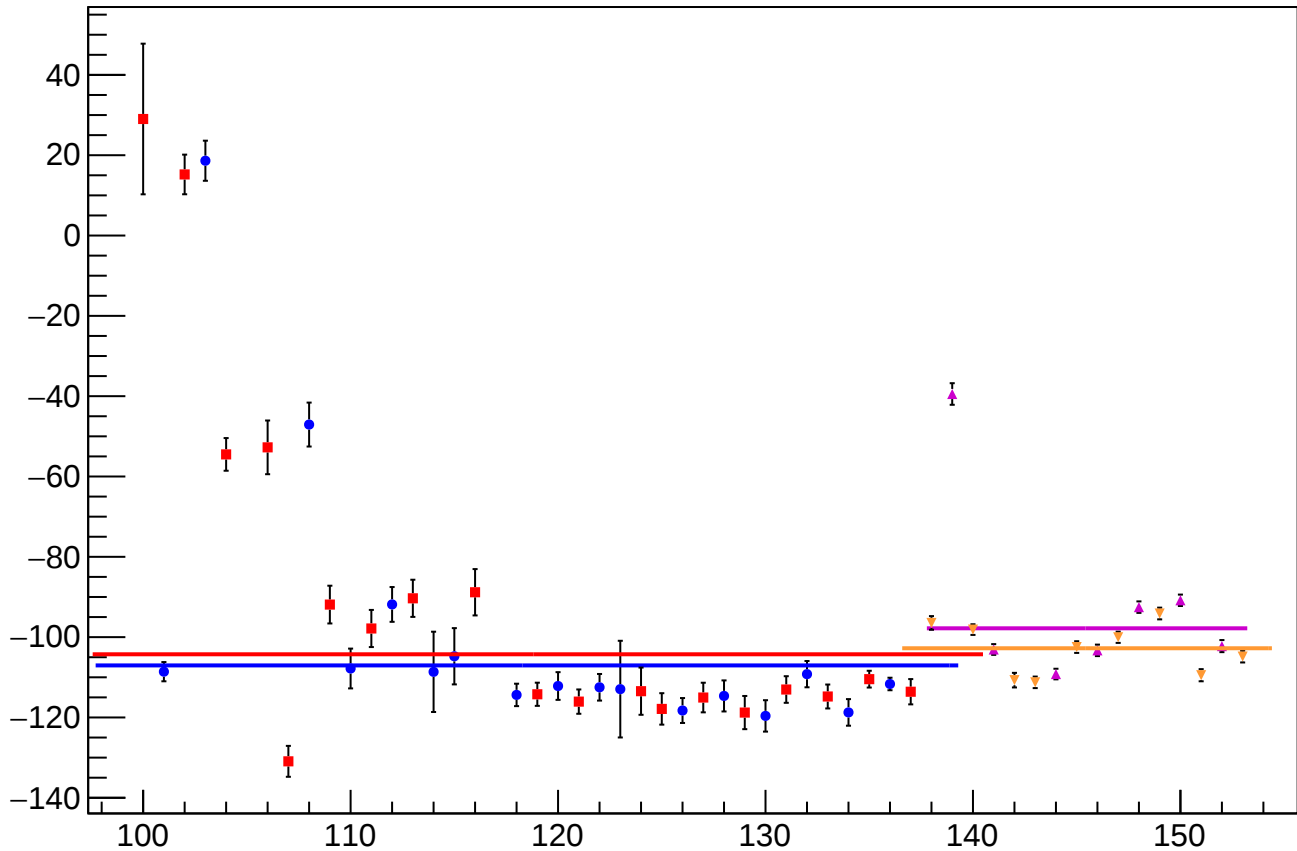
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -90.948 ± 0.581 χ^2/NDF : 861.2/23

Out: -90.280 ± 0.544 χ^2/NDF : 810.4/27

All: -90.592 ± 0.397 χ^2/NDF : 1672.3/51

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.769 ± 0.497 χ^2/NDF : 140.5/8

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -97.800 ± 0.560 χ^2/NDF : 621.8/6

Left: -100.582 ± 0.372 χ^2/NDF : 806.3/15

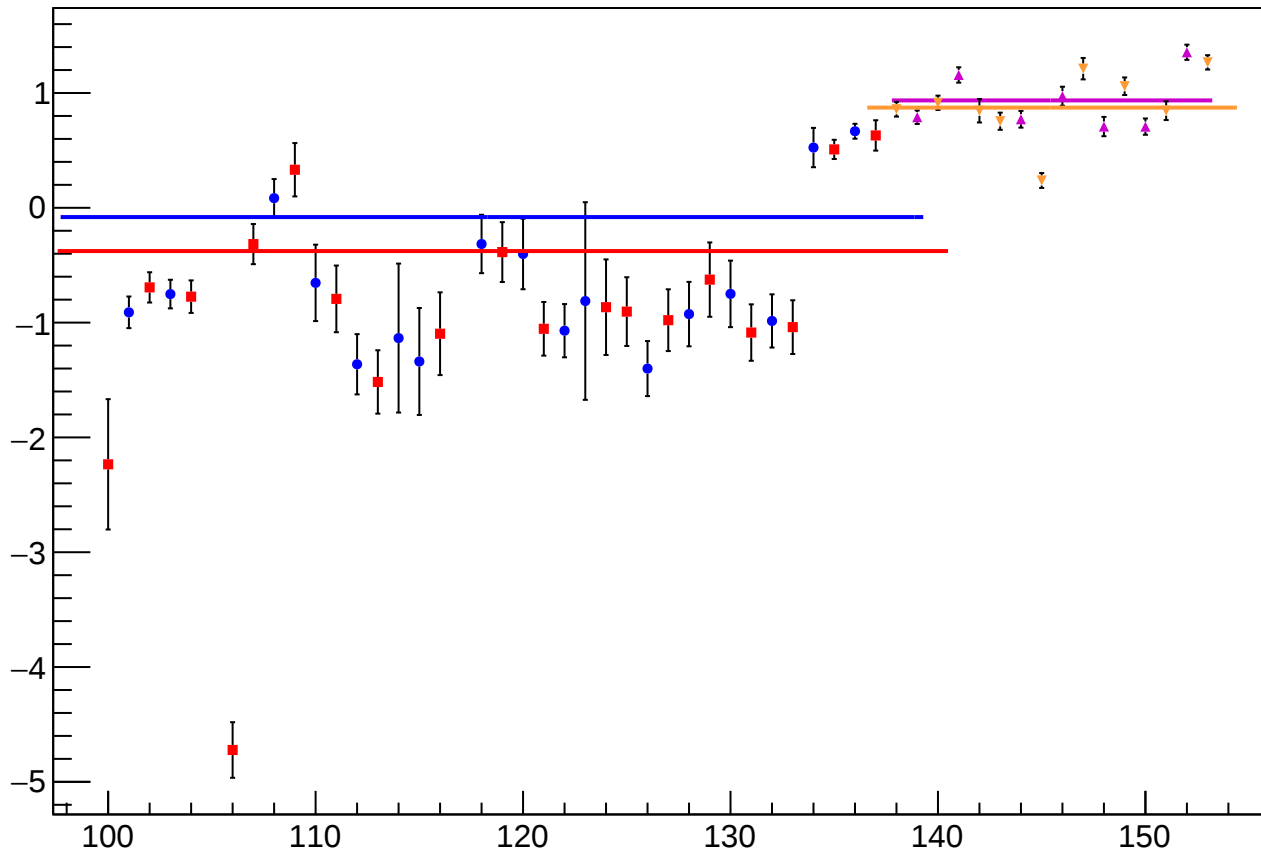
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.778 ± 0.461 χ^2/NDF : 1537.4/23

Out: -103.144 ± 0.430 χ^2/NDF : 1160.8/27

All: -102.044 ± 0.315 χ^2/NDF : 2712.2/51

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.873 ± 0.024 χ^2/NDF : 157.9/8

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

Left: 0.901 ± 0.018 χ^2/NDF : 241.2/15

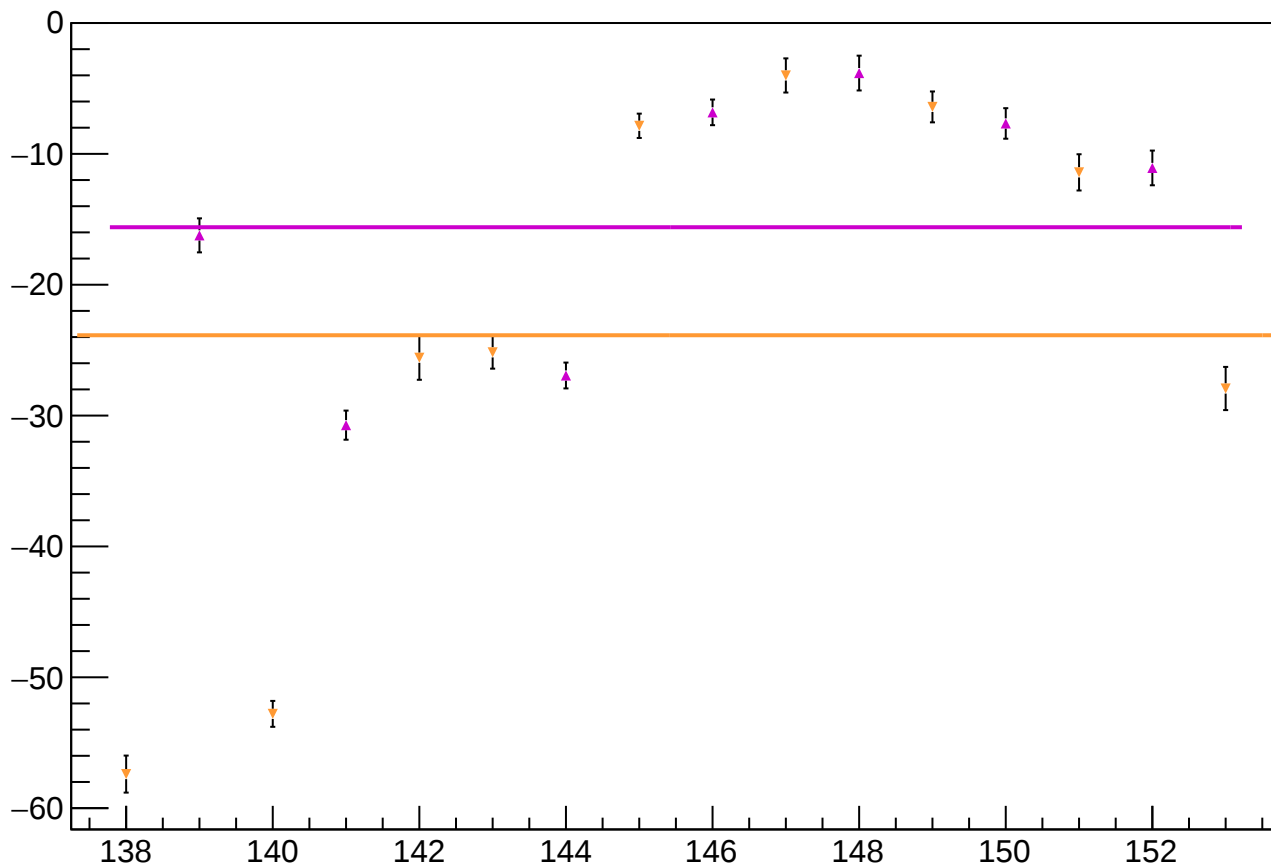
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.647 ± 0.022 χ^2/NDF : 824.5/23

Out: 0.581 ± 0.021 χ^2/NDF : 1363.3/27

All: 0.612 ± 0.015 χ^2/NDF : 2192.3/51

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.861+/-0.413 χ^2/NDF :2251.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.606+/-0.433 χ^2/NDF :533.3/6

Left: -19.929+/-0.299 χ^2/NDF : 2975.3/15

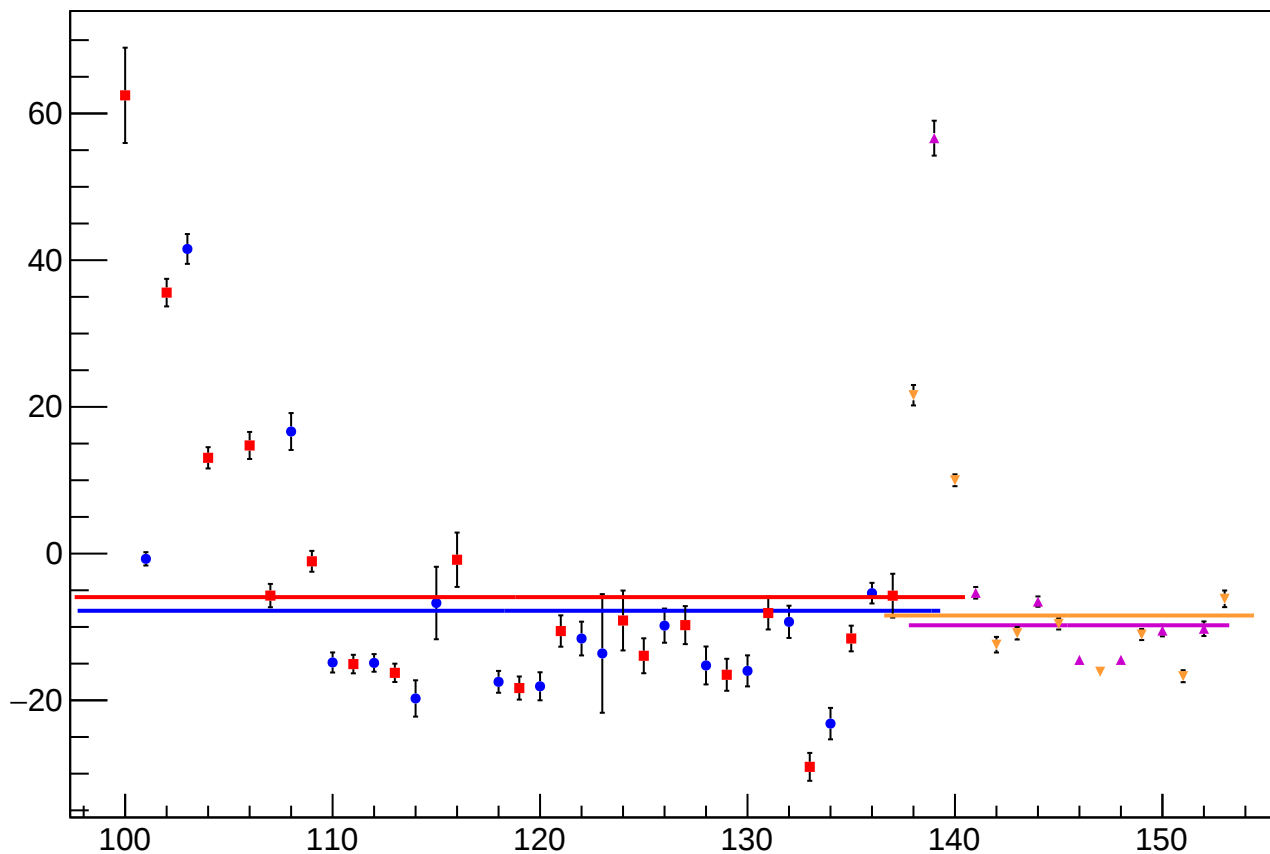
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6

Out: -23.861+/-0.413 χ^2/NDF :2251.5/8

All: -19.929+/-0.299 χ^2/NDF : 2975.3/15

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.439 ± 0.282 χ^2/NDF : 1278.3/8

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.772 ± 0.296 χ^2/NDF : 943.0/6

Left: -9.073 ± 0.204 χ^2/NDF : 2232.0/15

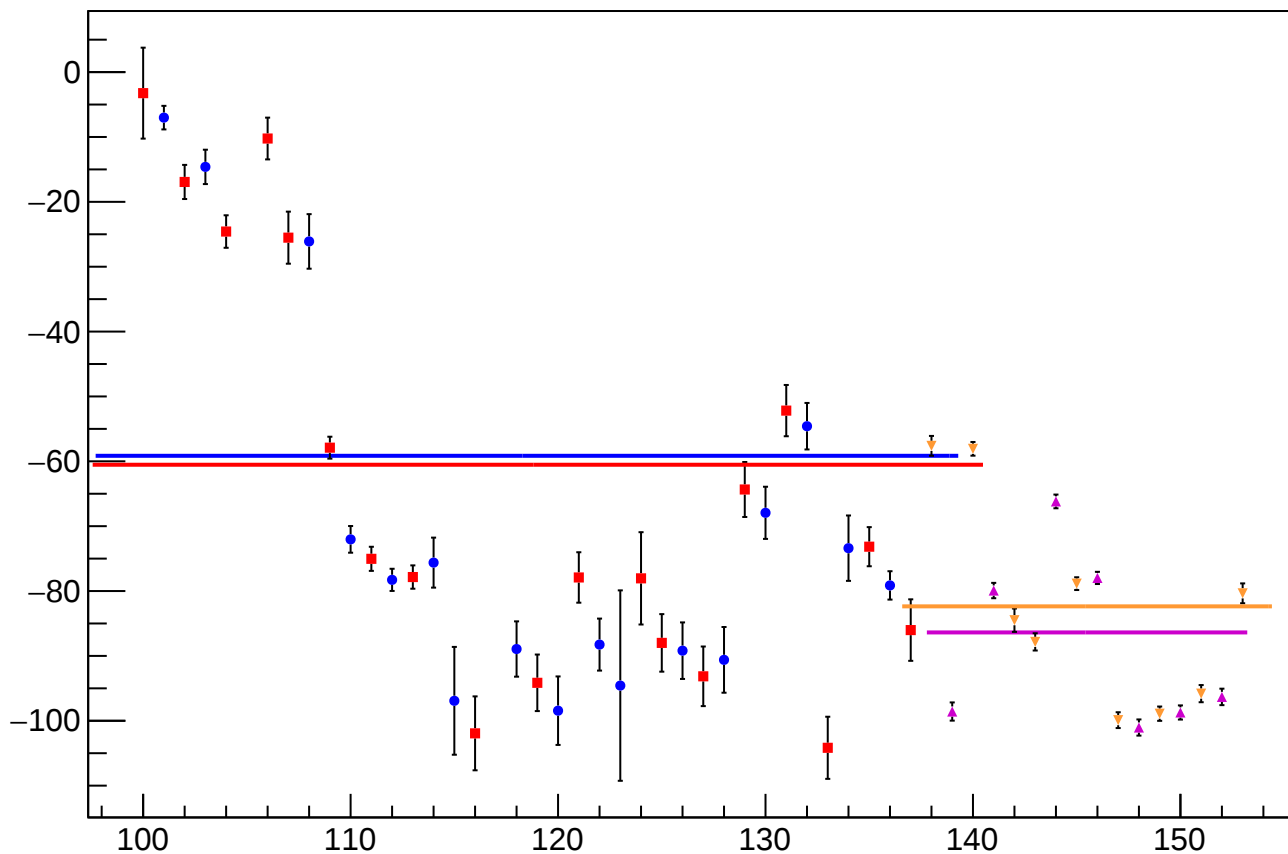
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -9.132 ± 0.243 χ^2/NDF : 1940.2/23

Out: -7.684 ± 0.235 χ^2/NDF : 2596.4/27

All: -8.384 ± 0.169 χ^2/NDF : 4554.9/51

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.361 ± 0.418 χ^2/NDF : 1358.7/8

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -86.381 ± 0.432 χ^2/NDF : 877.1/6

Left: -84.303 ± 0.301 χ^2/NDF : 2280.5/15

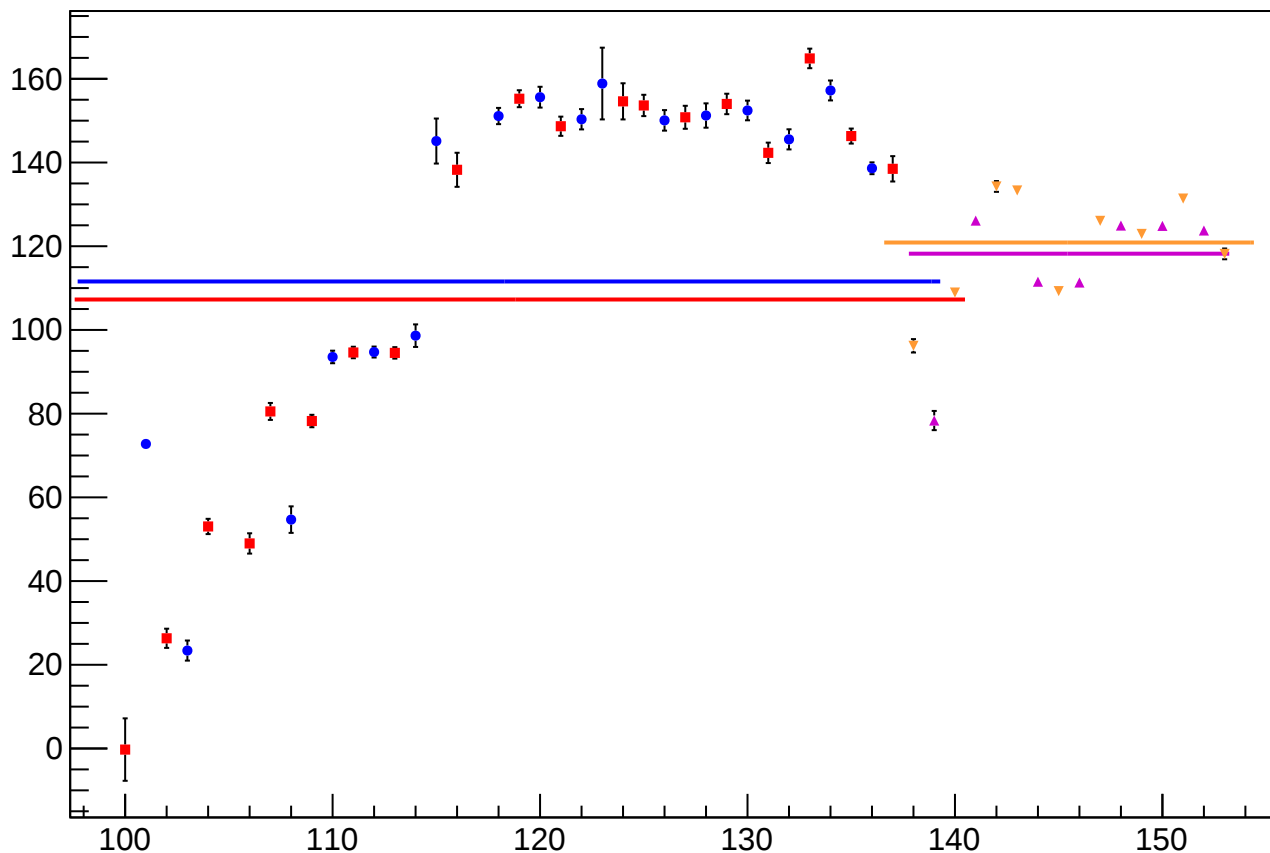
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.523 ± 0.374 χ^2/NDF : 3594.3/23

Out: -76.672 ± 0.359 χ^2/NDF : 3454.8/27

All: -78.041 ± 0.259 χ^2/NDF : 7079.2/51

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.888 $\pm$ 0.346 χ^2 /NDF:963.3/8

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 118.219 $\pm$ 0.364 χ^2 /NDF:645.2/6

Left: 119.621 $\pm$ 0.251 χ^2 /NDF: 1636.7/15

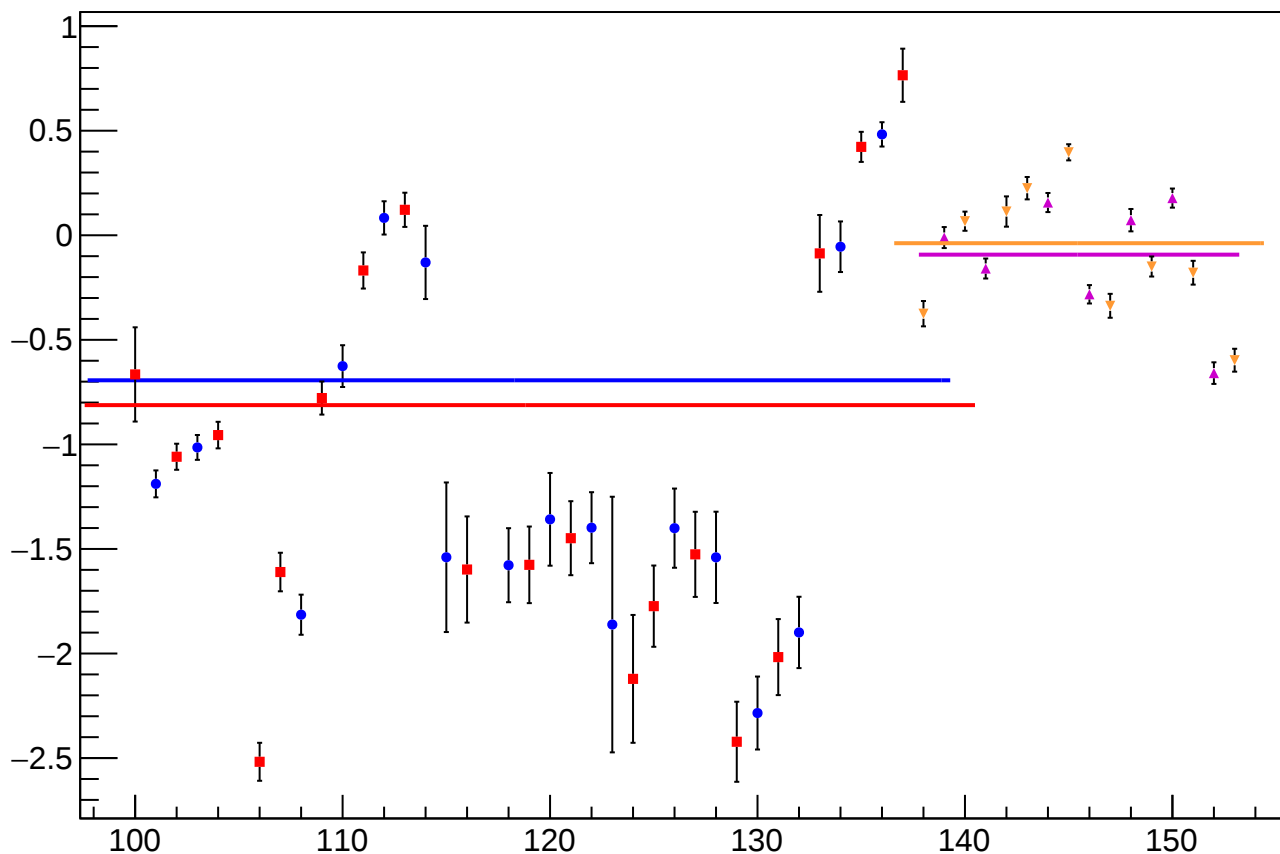
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.845 $\pm$ 0.292 χ^2 /NDF:6710.3/23

Out: 116.331 $\pm$ 0.282 χ^2 /NDF:8526.9/27

All: 116.096 $\pm$ 0.203 χ^2 /NDF: 15238.6/51

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.038 ± 0.017 χ^2/NDF : 335.0/8

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

Left: -0.064 ± 0.013 χ^2/NDF : 557.5/15

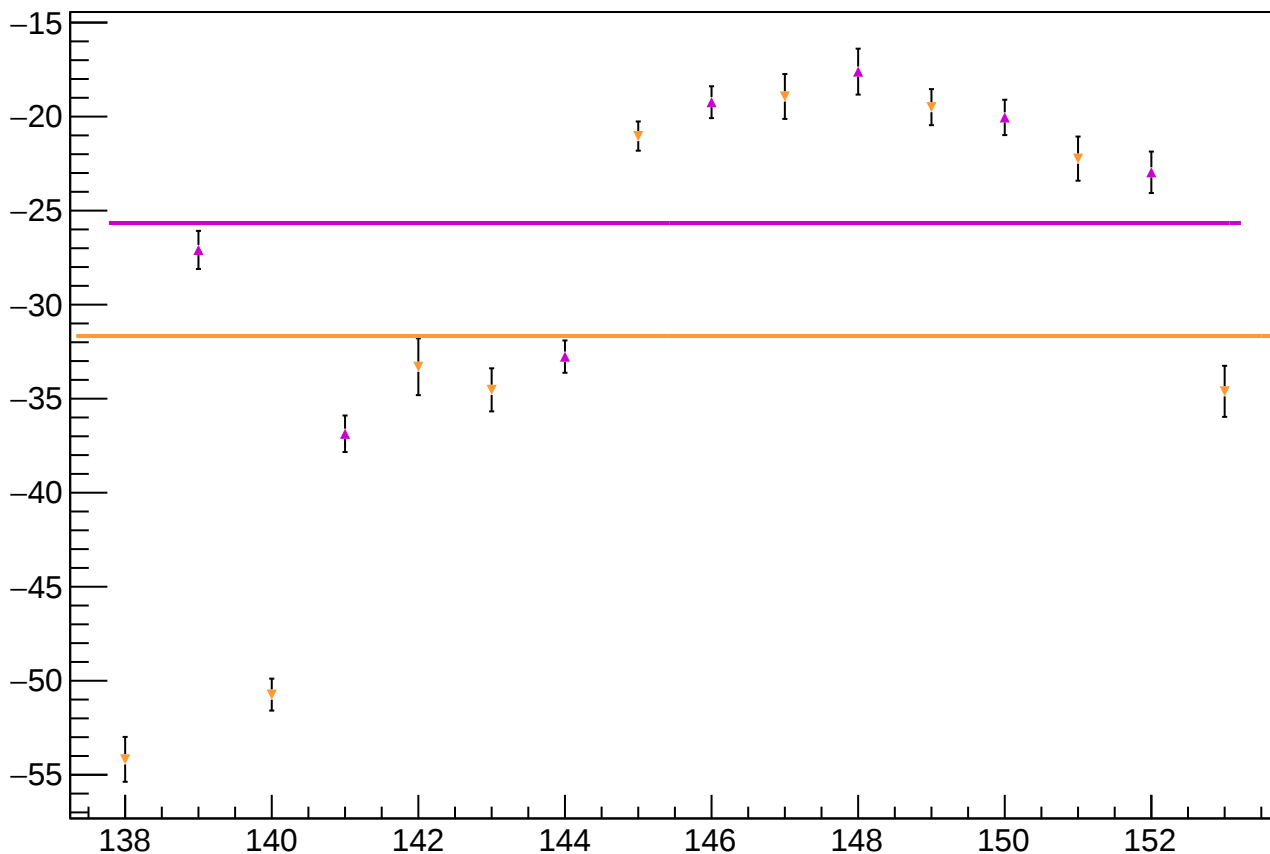
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.292 ± 0.015 χ^2/NDF : 1571.1/23

Out: -0.298 ± 0.014 χ^2/NDF : 2316.8/27

All: -0.295 ± 0.010 χ^2/NDF : 3888.0/51

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



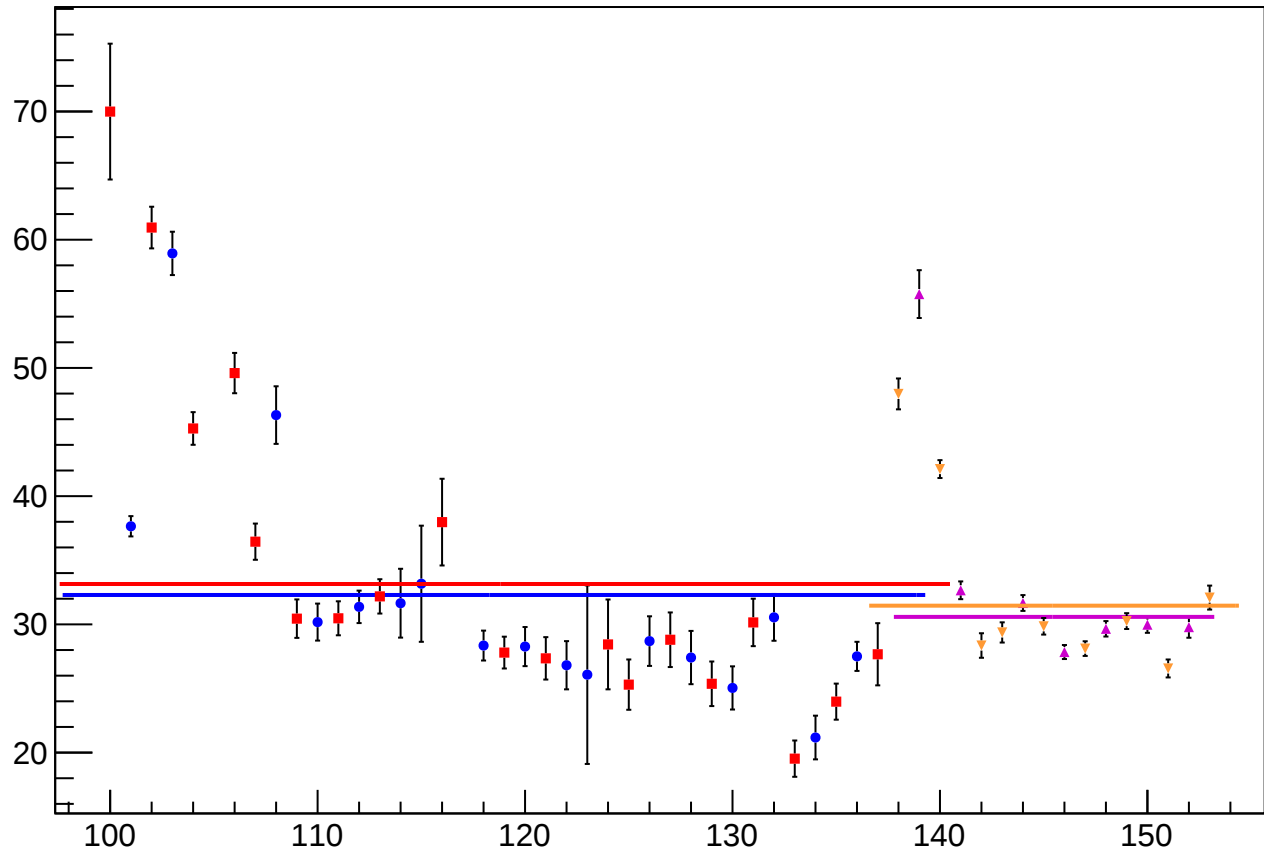
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.669+/-0.353 χ^2/NDF :1398.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

Left: -28.780+/-0.255 χ^2/NDF : 1883.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.658+/-0.367 χ^2/NDF :346.3/6
 Out: -31.669+/-0.353 χ^2/NDF :1398.6/8

All: -28.780+/-0.255 χ^2/NDF : 1883.9/15

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 31.459 $\pm$ 0.245 χ^2 /NDF:532.6/8

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 30.584 $\pm$ 0.258 χ^2 /NDF:223.7/6

Left: 31.044 $\pm$ 0.177 χ^2 /NDF: 762.3/15

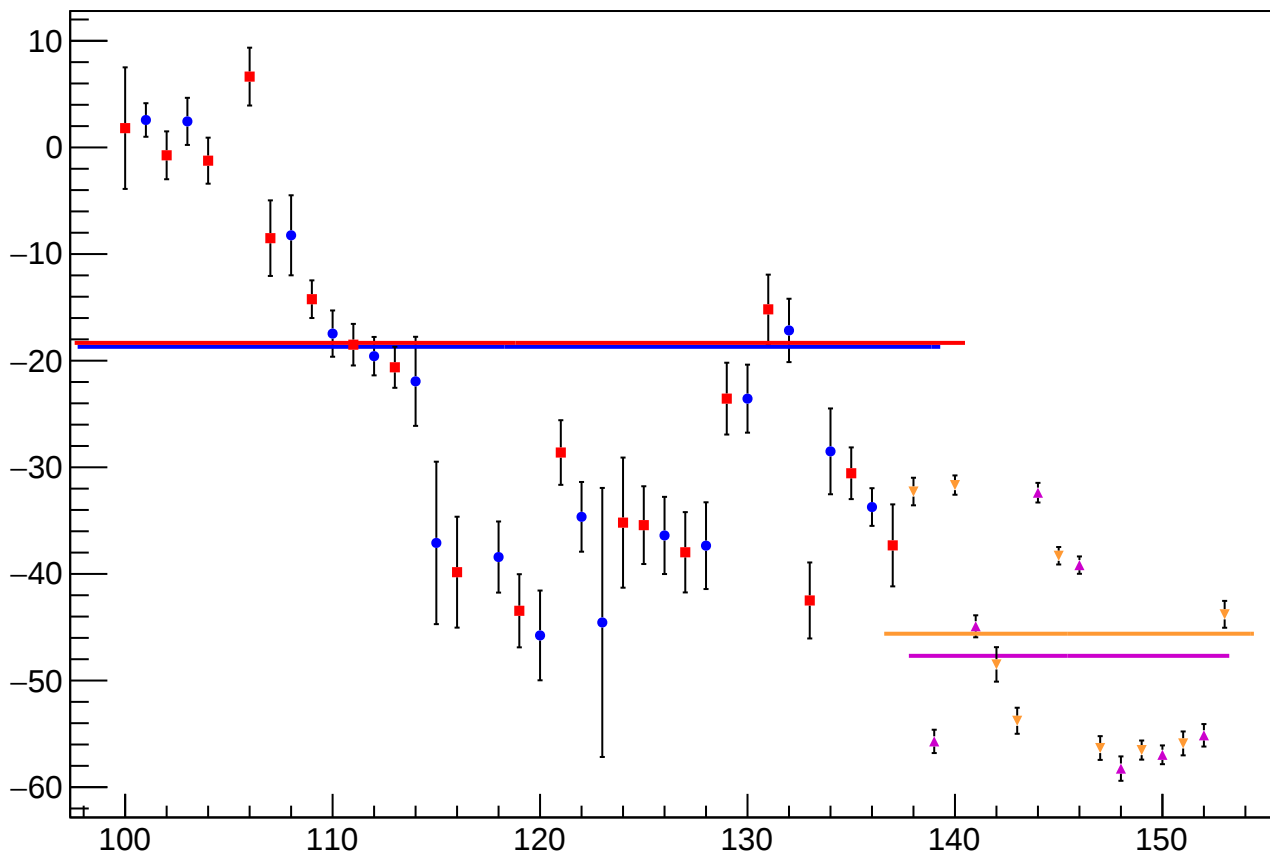
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 31.136 $\pm$ 0.212 χ^2 /NDF:690.4/23

Out: 31.956 $\pm$ 0.205 χ^2 /NDF:1319.3/27

All: 31.559 $\pm$ 0.148 χ^2 /NDF: 2017.4/51

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

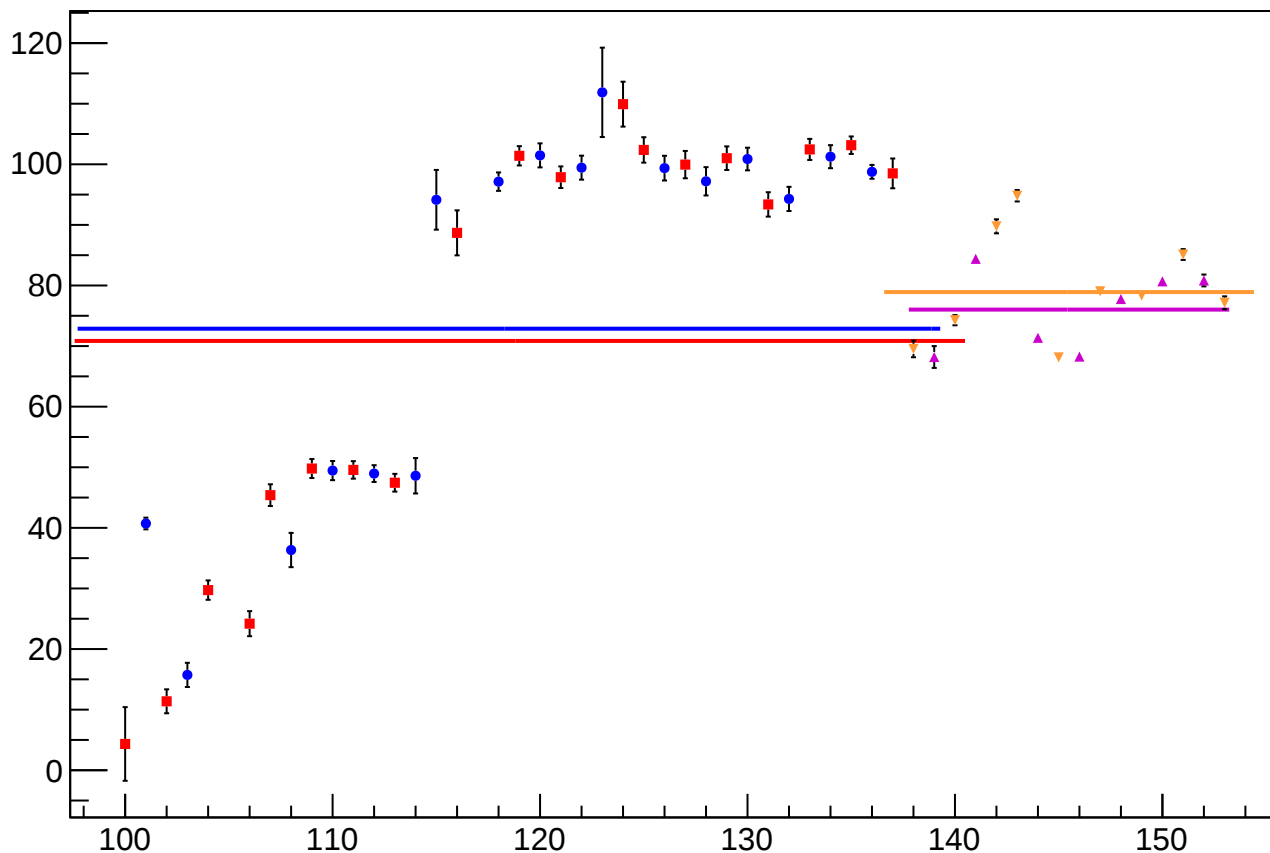


Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$
 Left Out: -45.609 ± 0.357 $\chi^2/\text{NDF}: 798.0/8$
 Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$
 Left In: -47.683 ± 0.367 $\chi^2/\text{NDF}: 692.9/6$

Left: -46.617 ± 0.256 $\chi^2/\text{NDF}: 1507.3/15$
 Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$
 In: -40.933 ± 0.322 $\chi^2/\text{NDF}: 2662.6/23$
 Out: -39.181 ± 0.312 $\chi^2/\text{NDF}: 2645.9/27$

All: -40.031 ± 0.224 $\chi^2/\text{NDF}: 5323.7/51$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 78.916+/-0.299 χ^2/NDF : 711.5/8

Right Out: 70.851+/-0.433 χ^2/NDF : 5495.4/18

Left In: 76.021+/-0.314 χ^2/NDF : 361.3/6

Left: 77.541+/-0.216 χ^2/NDF : 1117.5/15

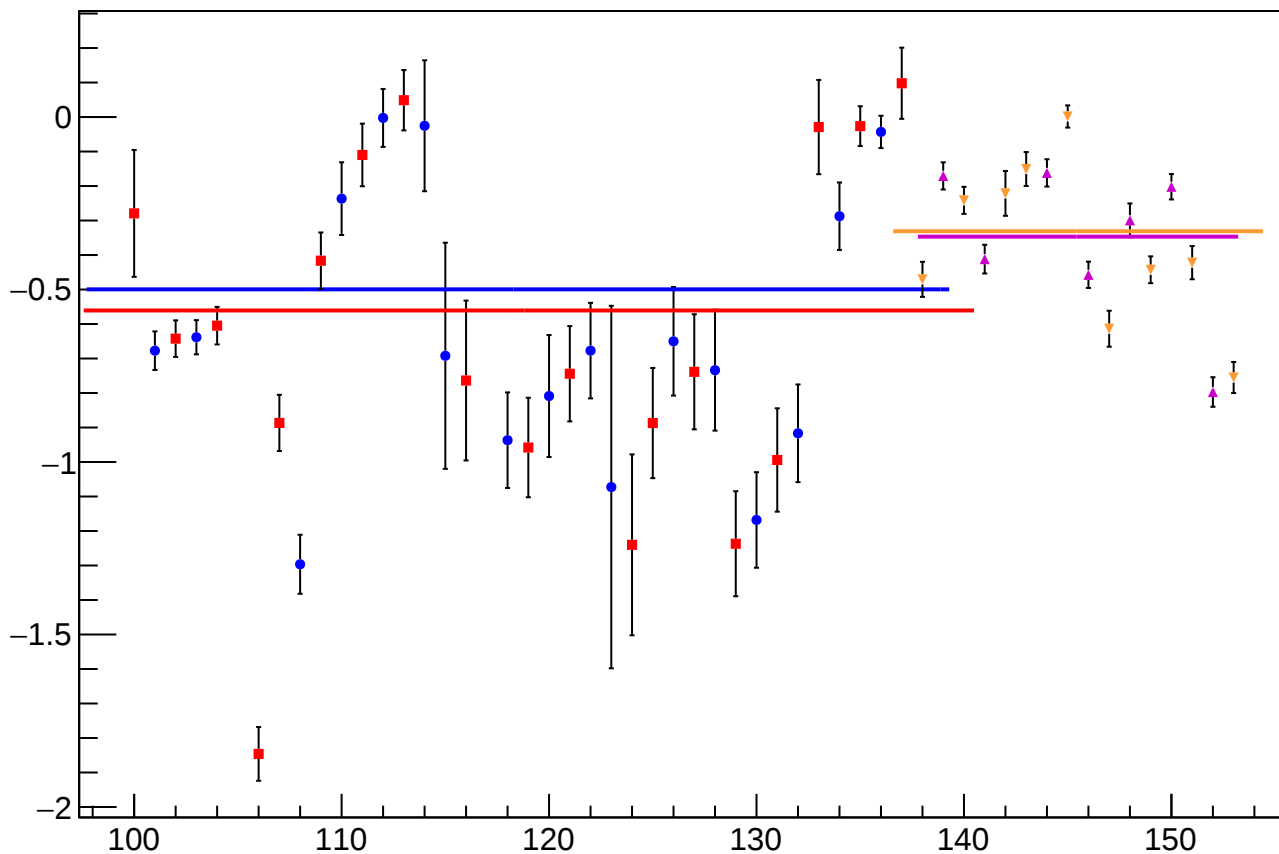
Right: 71.876+/-0.304 χ^2/NDF : 10233.6/35

In: 74.914+/-0.253 χ^2/NDF : 5123.8/23

Out: 76.316+/-0.246 χ^2/NDF : 6442.0/27

All: 75.635+/-0.176 χ^2/NDF : 11581.7/51

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.331 ± 0.015 χ^2/NDF : 265.8/8

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

Left: -0.339 ± 0.011 χ^2/NDF : 445.6/15

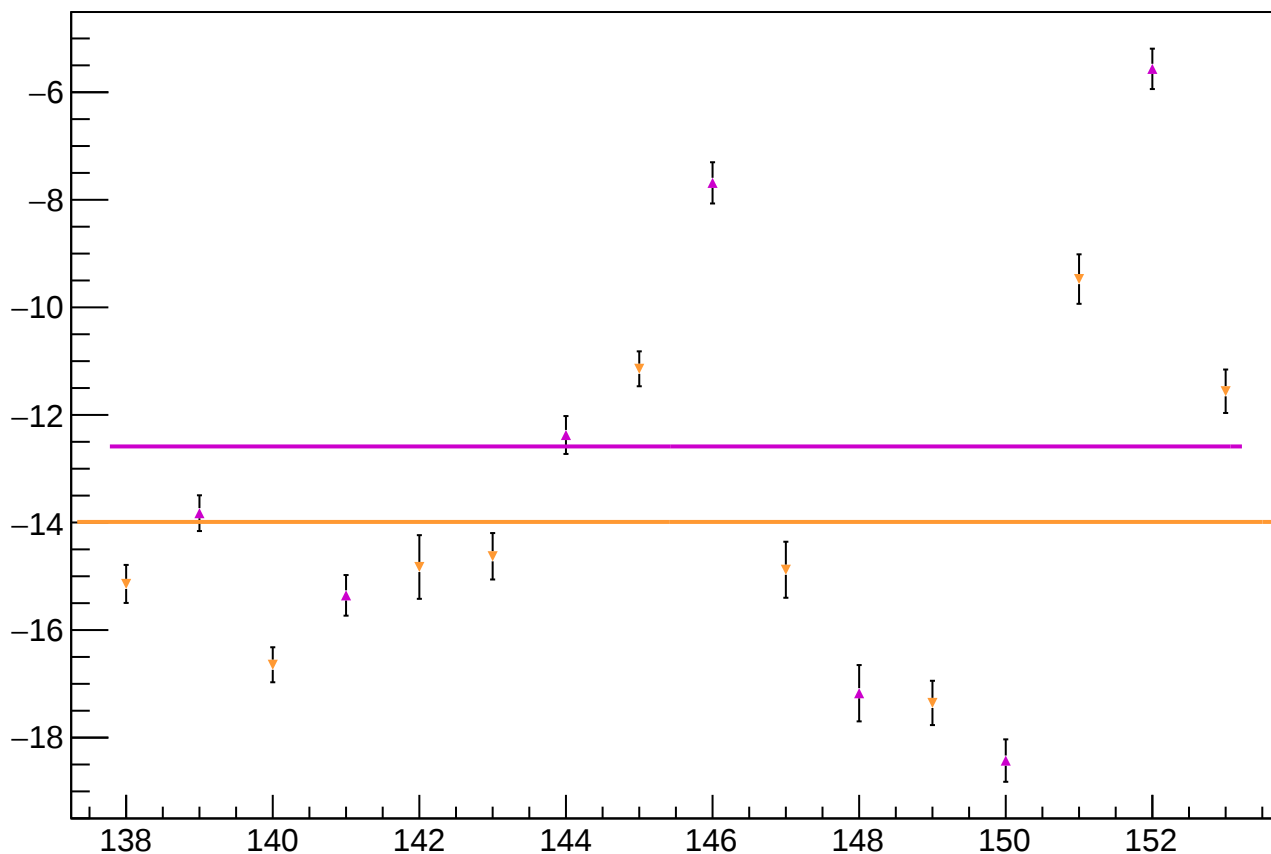
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.396 ± 0.013 χ^2/NDF : 513.7/23

Out: -0.405 ± 0.012 χ^2/NDF : 905.7/27

All: -0.401 ± 0.009 χ^2/NDF : 1419.7/51

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.990+/-0.134 χ^2/NDF :360.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.586+/-0.144 χ^2/NDF :877.1/6

Left: -13.339+/-0.098 χ^2/NDF : 1288.4/15

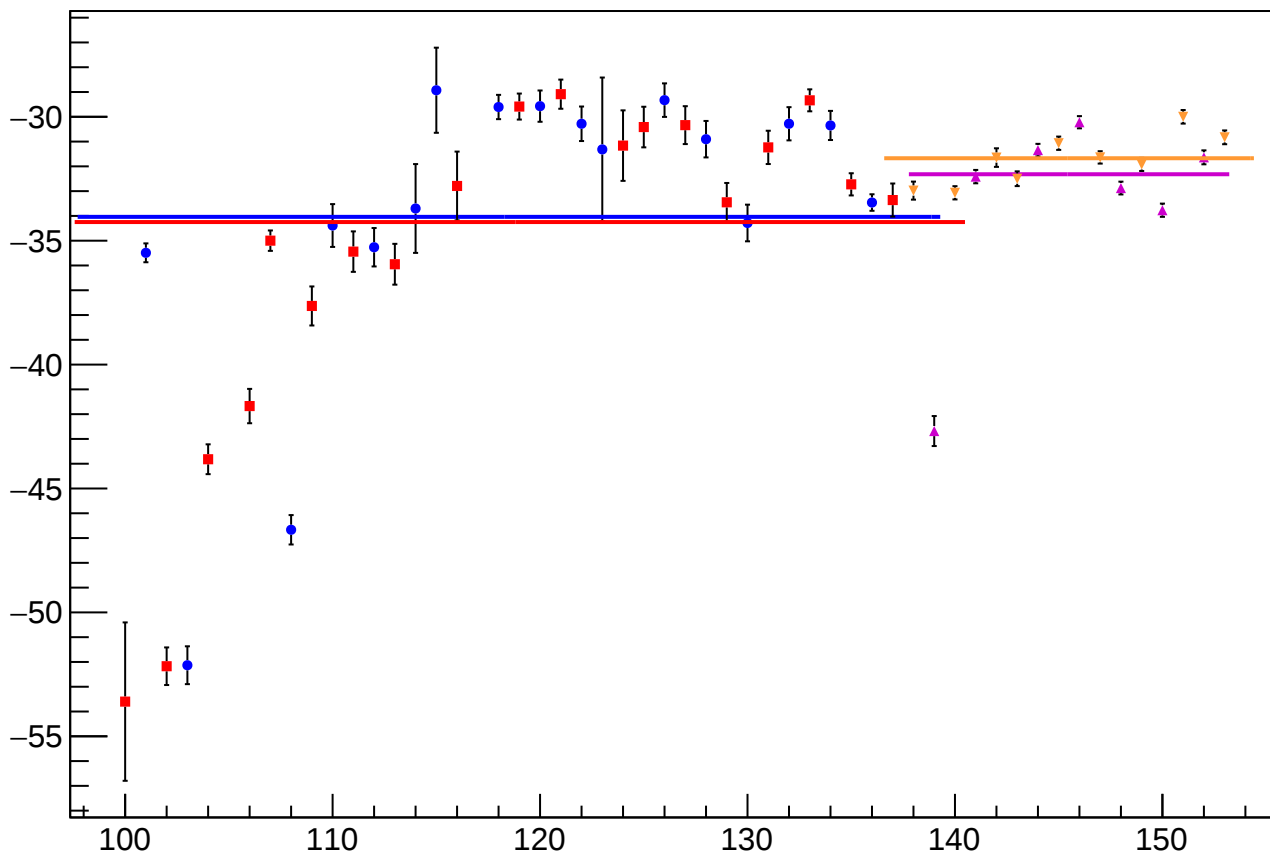
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.144 χ^2/NDF :877.1/6

Out: -13.990+/-0.134 χ^2/NDF :360.5/8

All: -13.339+/-0.098 χ^2/NDF : 1288.4/15

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.673 ± 0.095 χ^2/NDF : 100.1/8

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

Left: -31.963 ± 0.071 χ^2/NDF : 541.2/15

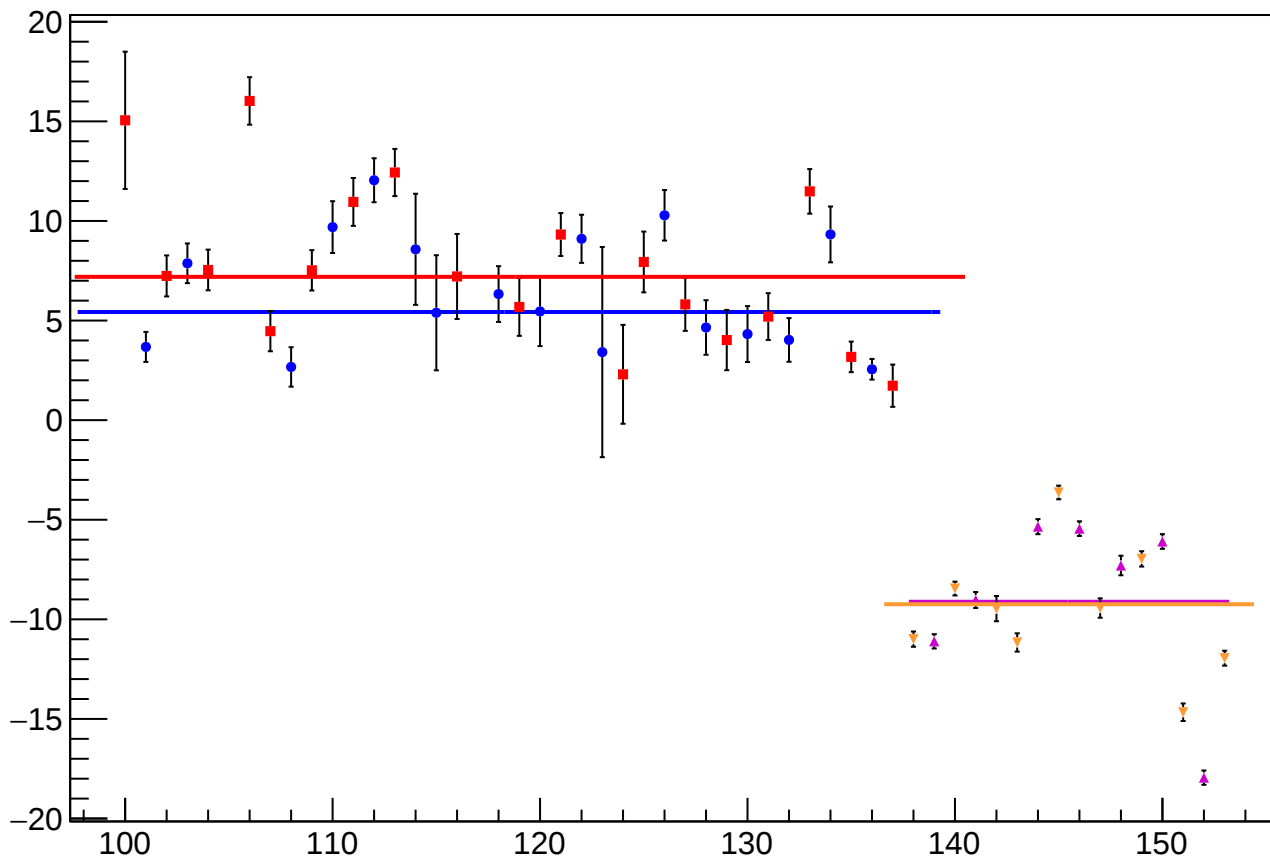
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.882 ± 0.086 χ^2/NDF : 1850.7/23

Out: -32.408 ± 0.081 χ^2/NDF : 1666.3/27

All: -32.629 ± 0.059 χ^2/NDF : 3533.0/51

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.243 ± 0.136 χ^2/NDF : 550.1/8

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -9.119 ± 0.145 χ^2/NDF : 915.7/6

Left: -9.185 ± 0.099 χ^2/NDF : 1466.2/15

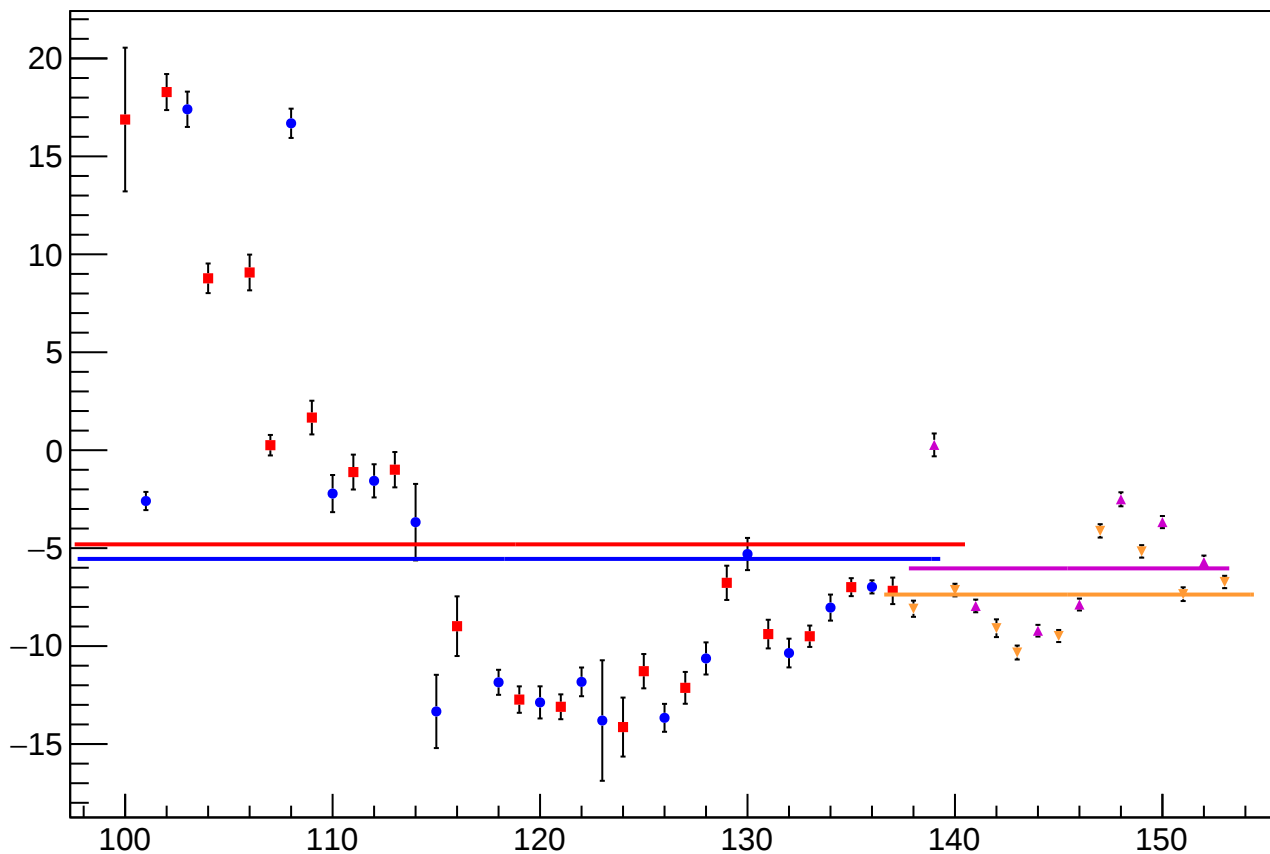
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -5.861 ± 0.128 χ^2/NDF : 3303.3/23

Out: -5.995 ± 0.122 χ^2/NDF : 3619.6/27

All: -5.932 ± 0.088 χ^2/NDF : 6923.5/51

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.369 ± 0.115 χ^2/NDF : 275.8/8

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

Left: -6.767 ± 0.085 χ^2/NDF : 794.1/15

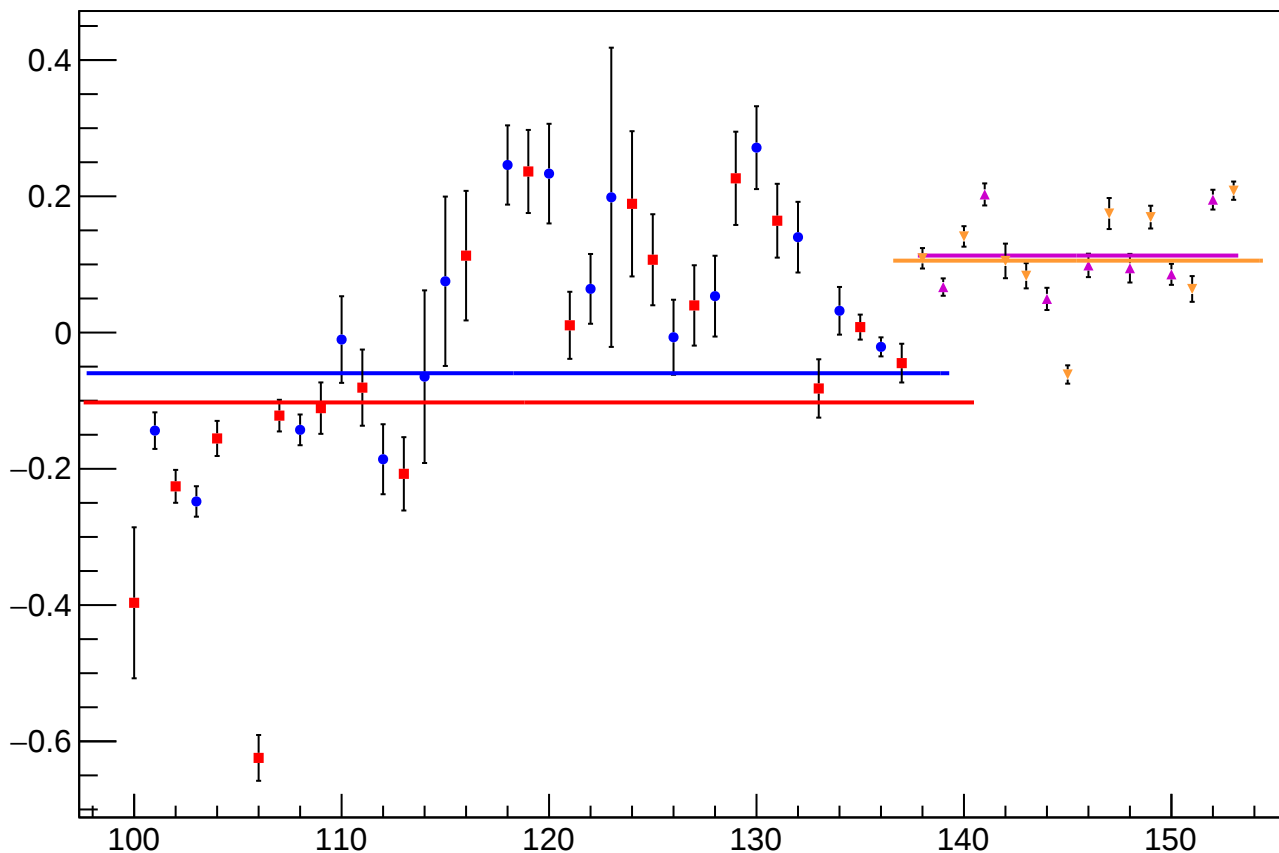
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.860 ± 0.102 χ^2/NDF : 2589.6/23

Out: -6.578 ± 0.096 χ^2/NDF : 2476.3/27

All: -6.241 ± 0.070 χ^2/NDF : 5092.3/51

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.106 ± 0.006 χ^2/NDF : 248.9/8

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

Left: 0.109 ± 0.004 χ^2/NDF : 345.4/15

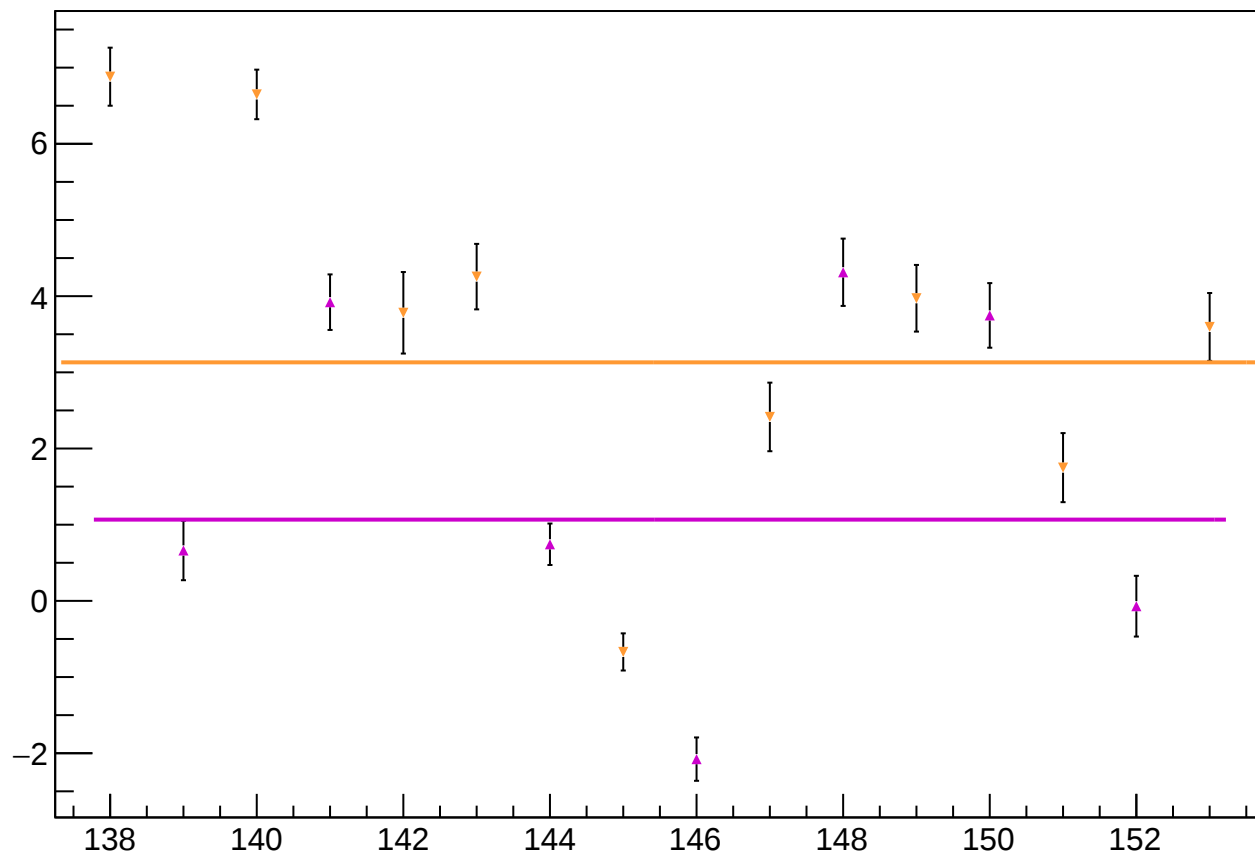
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.055 ± 0.005 χ^2/NDF : 594.2/23

Out: 0.043 ± 0.005 χ^2/NDF : 1111.5/27

All: 0.049 ± 0.003 χ^2/NDF : 1709.2/51

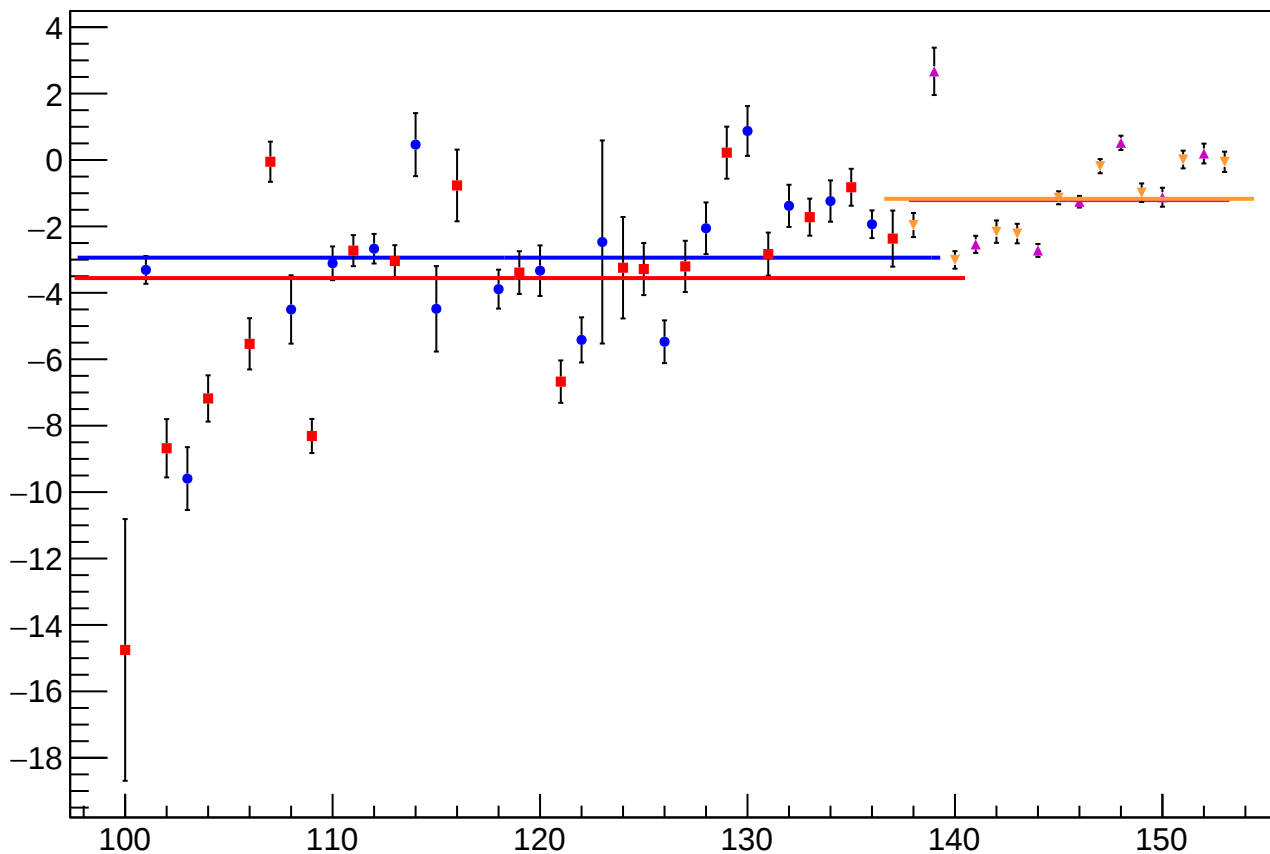
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.131 $\pm$ 0.127 χ^2 /NDF:481.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

Left: 2.144 $\pm$ 0.092 χ^2 /NDF: 896.2/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6
 Out: 3.131 $\pm$ 0.127 χ^2 /NDF:481.7/8
 All: 2.144 $\pm$ 0.092 χ^2 /NDF: 896.2/15

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941±0.154 χ^2/NDF : 145.6/16

Left Out: -1.168±0.088 χ^2/NDF : 129.2/8

Right Out: -3.556±0.155 χ^2/NDF : 291.6/18

Left In: -1.208±0.091 χ^2/NDF : 203.3/6

Left: -1.187±0.063 χ^2/NDF : 332.6/15

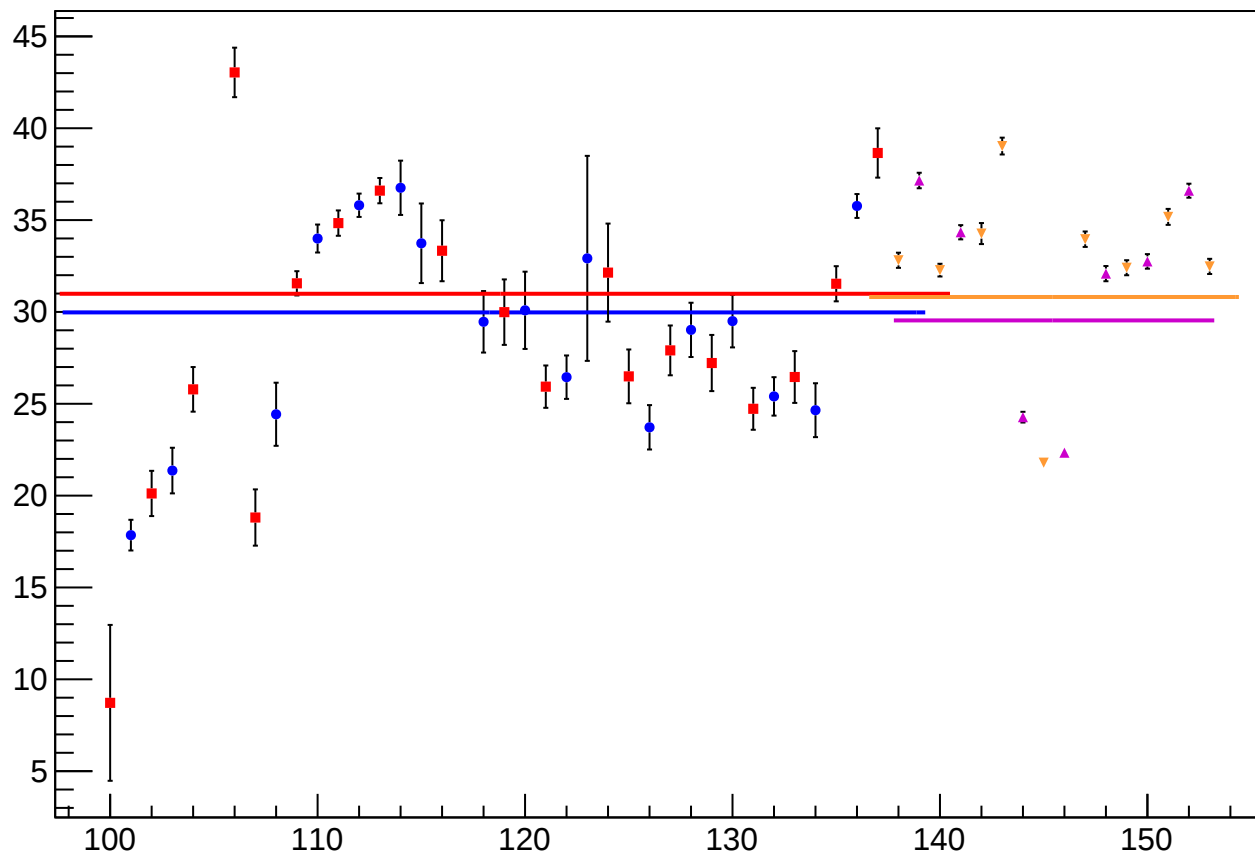
Right: -3.248±0.109 χ^2/NDF : 445.2/35

In: -1.654±0.078 χ^2/NDF : 442.7/23

Out: -1.758±0.077 χ^2/NDF : 600.6/27

All: -1.707±0.055 χ^2/NDF : 1044.2/51

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.813 $\pm$ 0.130 χ^2 /NDF:1793.2/8

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 29.538 $\pm$ 0.133 χ^2 /NDF:1946.7/6

Left: 30.193 $\pm$ 0.093 χ^2 /NDF: 3787.1/15

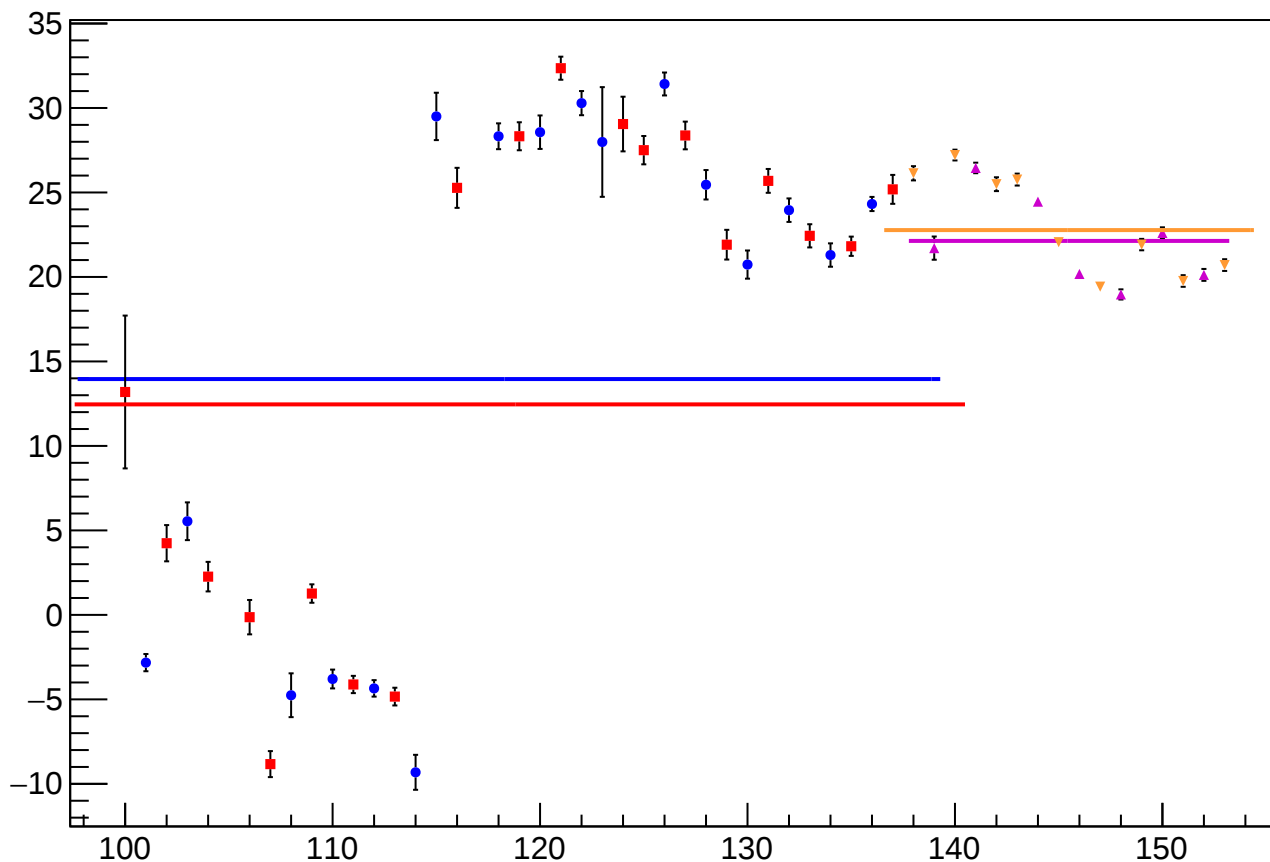
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 29.625 $\pm$ 0.119 χ^2 /NDF:2502.8/23

Out: 30.848 $\pm$ 0.116 χ^2 /NDF:2274.6/27

All: 30.253 $\pm$ 0.083 χ^2 /NDF: 4831.5/51

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.773 $\pm$ 0.108 χ^2 /NDF:629.8/8

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF:518.2/6

Left: 22.464 $\pm$ 0.078 χ^2 /NDF: 1165.1/15

Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.712 $\pm$ 0.094 χ^2 /NDF:9451.8/23

Out: 19.898 $\pm$ 0.092 χ^2 /NDF:10155.9/27

All: 19.807 $\pm$ 0.066 χ^2 /NDF: 19609.7/51

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.091 ± 0.005 $\chi^2/\text{NDF}: 73.5/8$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.080 ± 0.006 $\chi^2/\text{NDF}: 49.4/6$

Left: -0.086 ± 0.004 $\chi^2/\text{NDF}: 124.9/15$

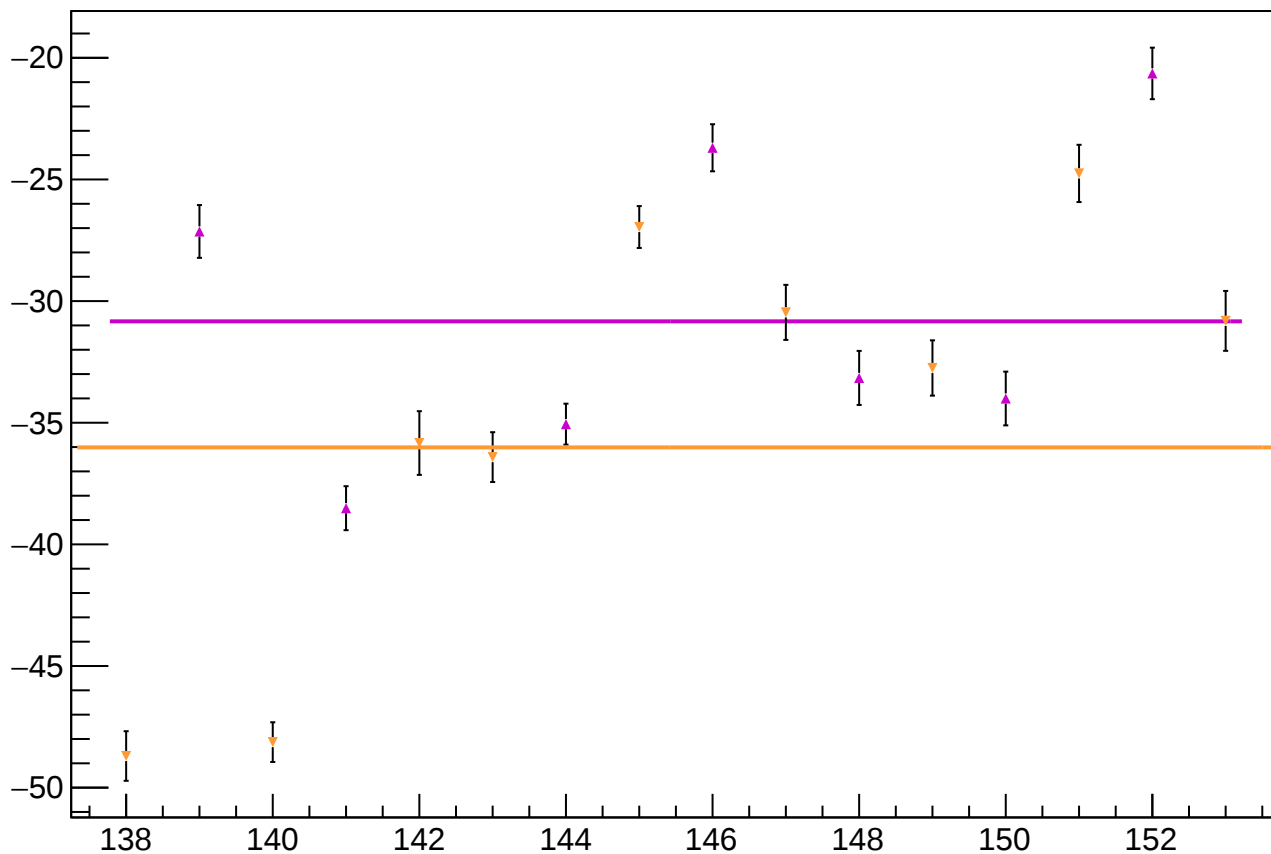
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.005 ± 0.005 $\chi^2/\text{NDF}: 1579.5/23$

Out: -0.034 ± 0.005 $\chi^2/\text{NDF}: 3560.0/27$

All: -0.020 ± 0.003 $\chi^2/\text{NDF}: 5158.1/51$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.013+/-0.347 χ^2/NDF :627.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.832+/-0.376 χ^2/NDF :268.6/6

Left: -33.627+/-0.255 χ^2/NDF : 998.9/15

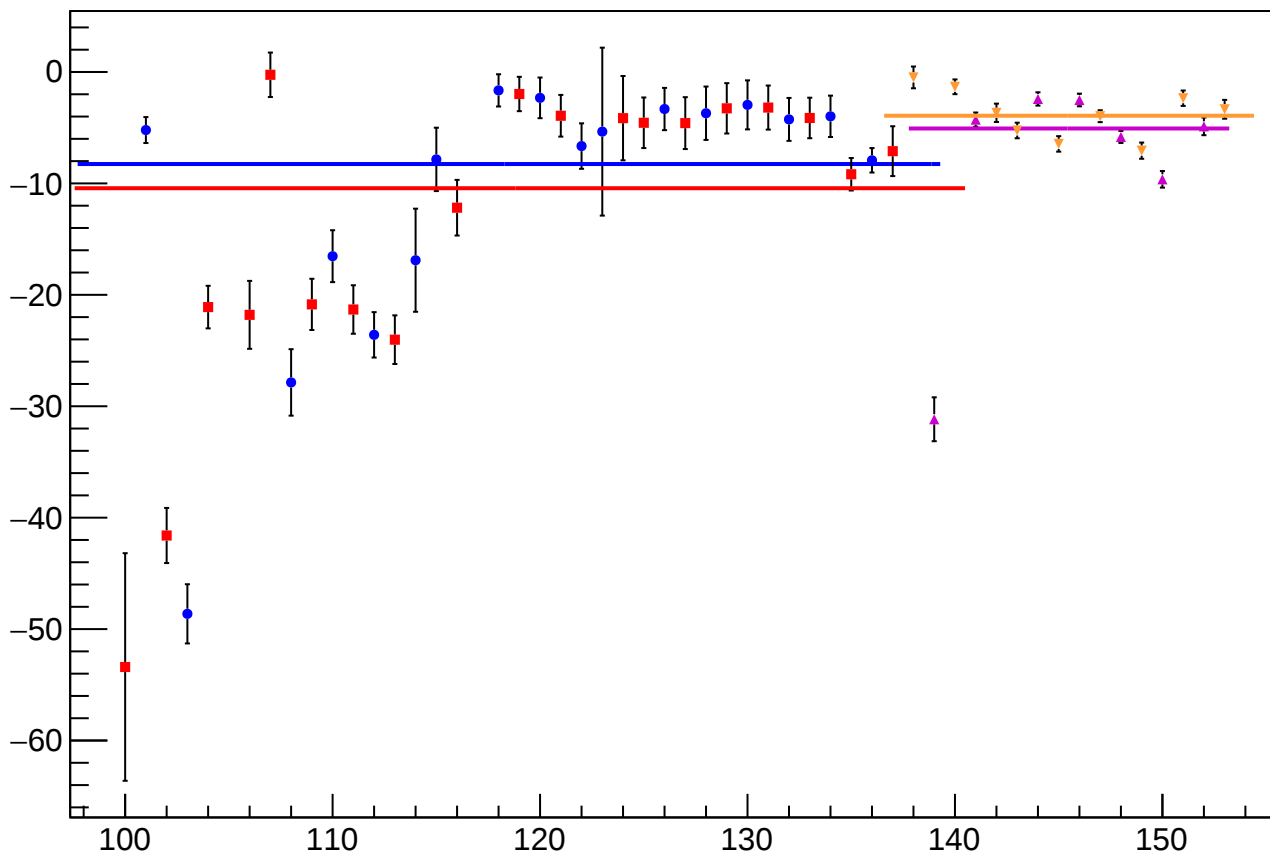
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF :268.6/6

Out: -36.013+/-0.347 χ^2/NDF :627.8/8

All: -33.627+/-0.255 χ^2/NDF : 998.9/15

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.926 ± 0.237 χ^2/NDF : 68.9/8

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -5.071 ± 0.255 χ^2/NDF : 256.5/6

Left: -4.457 ± 0.174 χ^2/NDF : 336.3/15

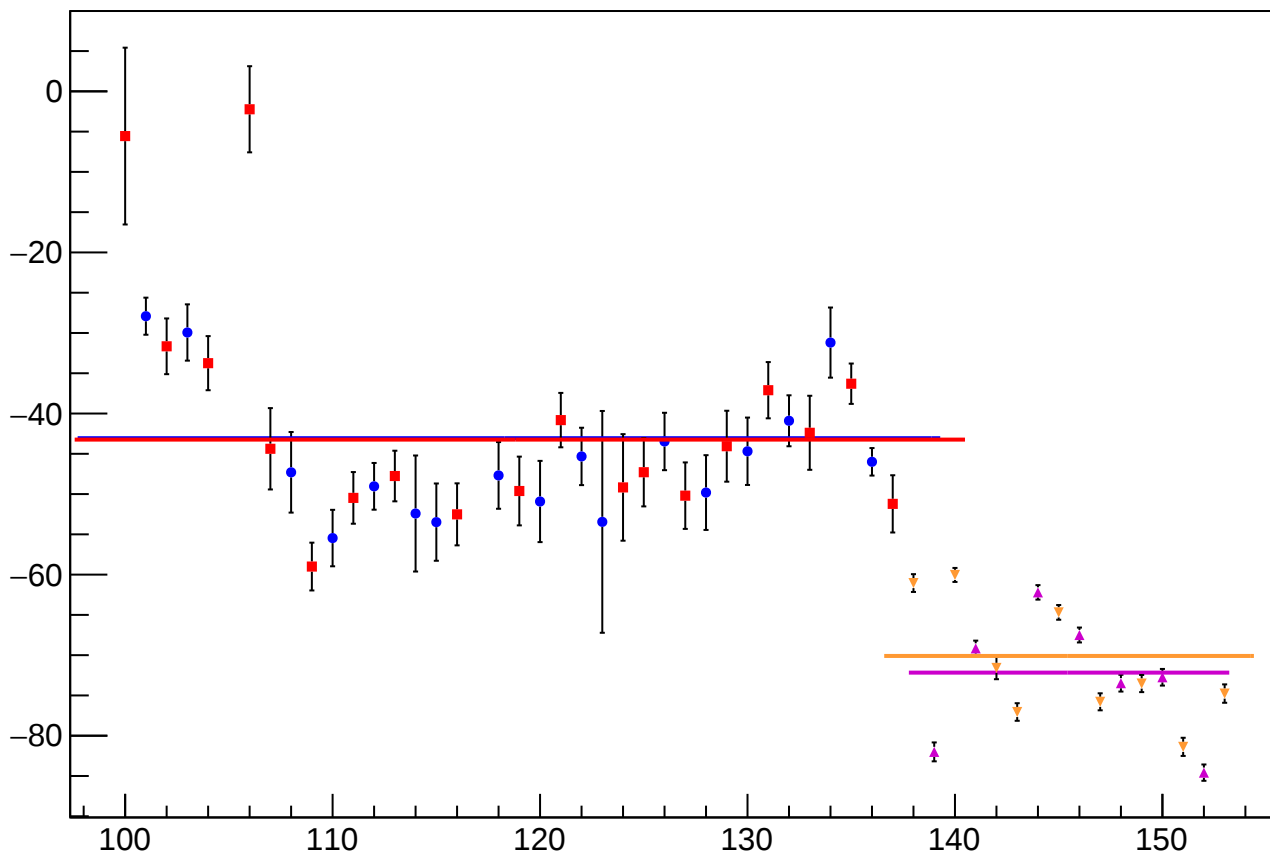
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.813 ± 0.223 χ^2/NDF : 704.9/23

Out: -5.158 ± 0.214 χ^2/NDF : 640.2/27

All: -5.471 ± 0.154 χ^2/NDF : 1349.6/51

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -70.097 ± 0.353 $\chi^2/\text{NDF}: 434.1/8$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -72.168 ± 0.377 $\chi^2/\text{NDF}: 380.0/6$

Left: -71.065 ± 0.258 $\chi^2/\text{NDF}: 830.2/15$

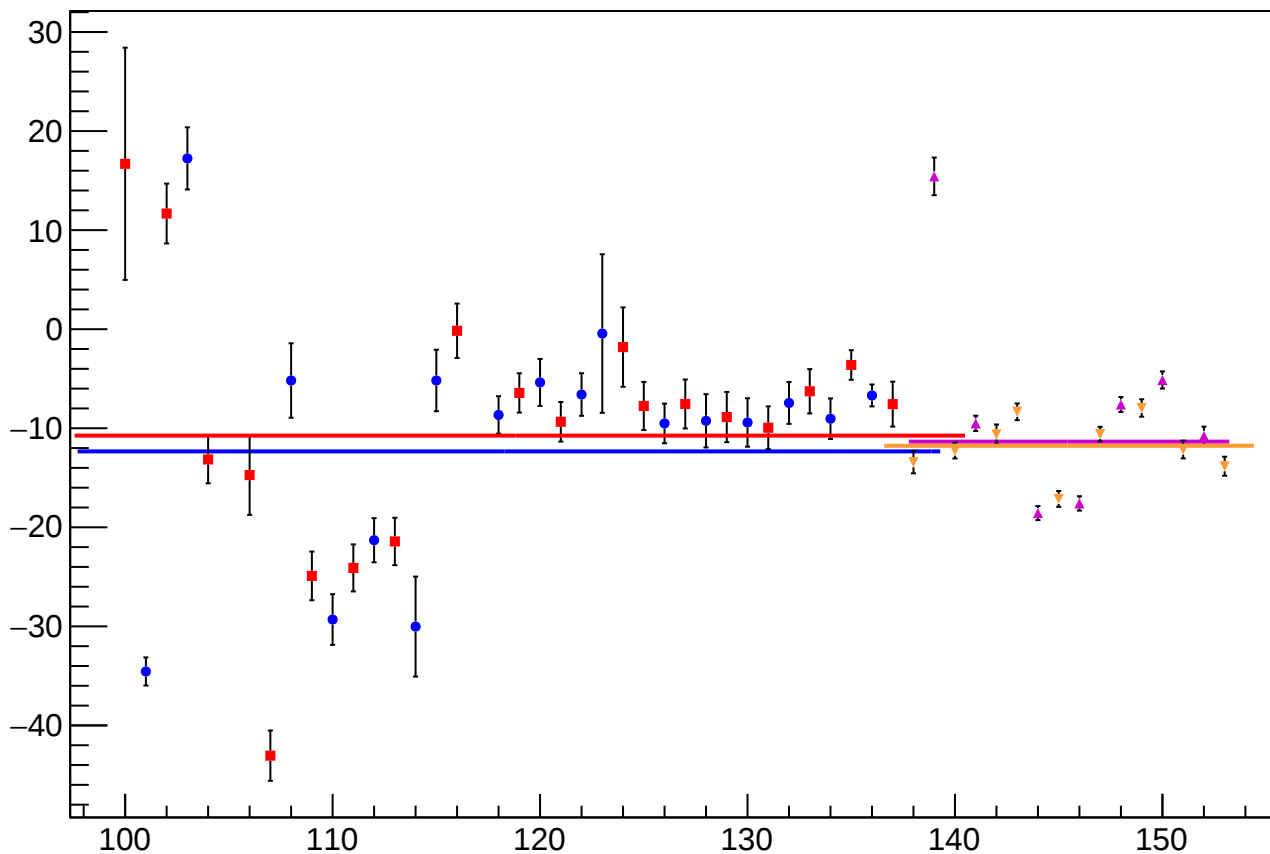
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -67.246 ± 0.344 $\chi^2/\text{NDF}: 1487.7/23$

Out: -66.269 ± 0.327 $\chi^2/\text{NDF}: 1413.1/27$

All: -66.733 ± 0.237 $\chi^2/\text{NDF}: 2905.0/51$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.770 ± 0.292 χ^2/NDF : 91.2/8

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.352 ± 0.315 χ^2/NDF : 458.4/6

Left: -11.577 ± 0.214 χ^2/NDF : 550.6/15

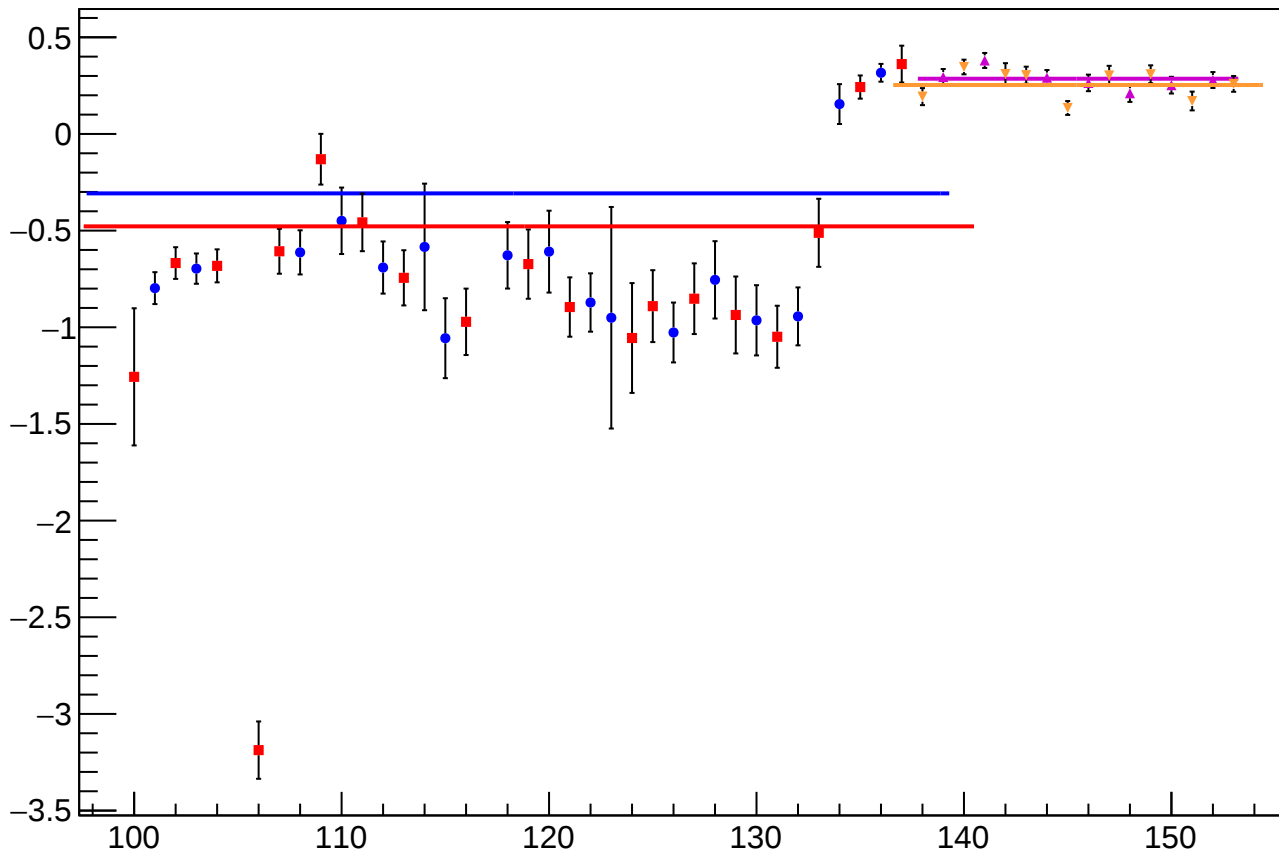
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.616 ± 0.270 χ^2/NDF : 936.2/23

Out: -11.547 ± 0.258 χ^2/NDF : 460.8/27

All: -11.580 ± 0.186 χ^2/NDF : 1397.0/51

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.253 ± 0.015 χ^2/NDF : 26.6/8

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

Left: 0.268 ± 0.011 χ^2/NDF : 38.6/15

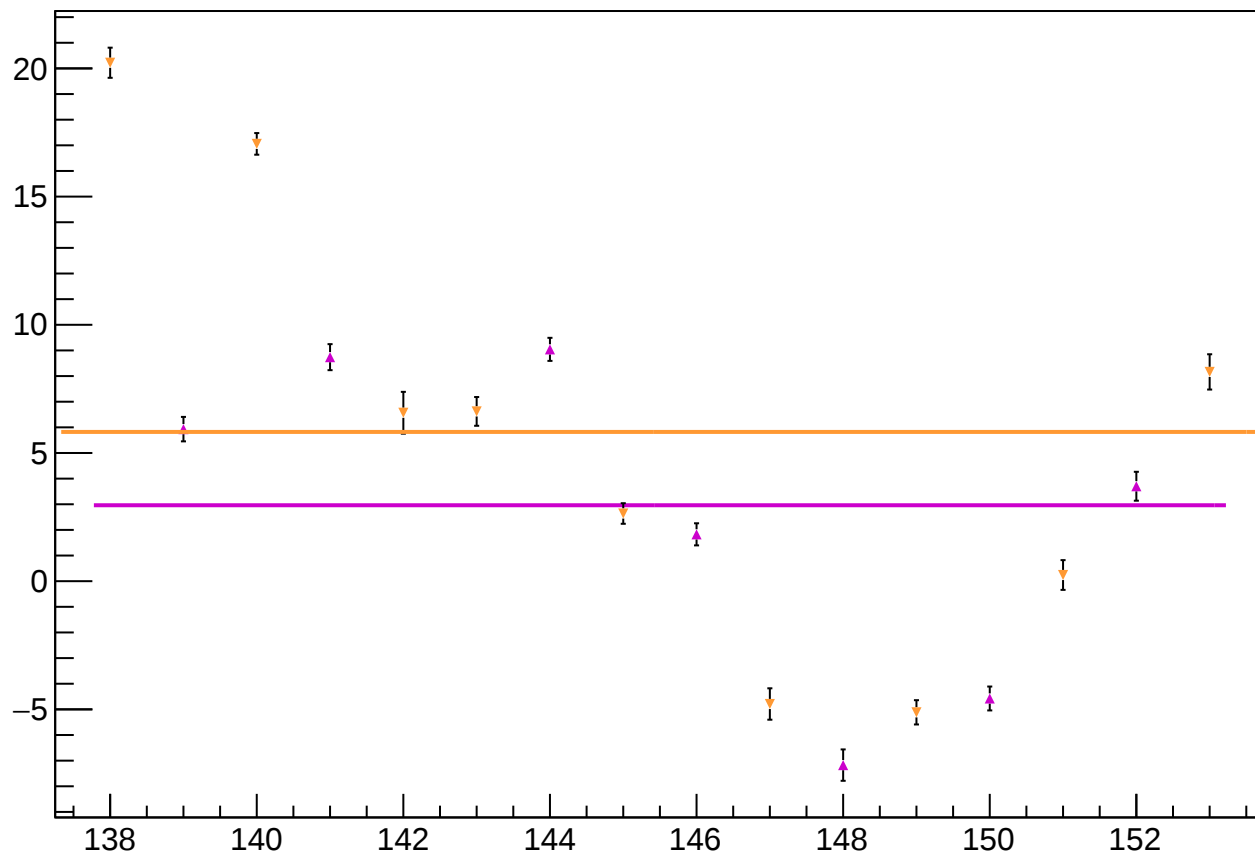
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.140 ± 0.014 χ^2/NDF : 732.1/23

Out: 0.102 ± 0.013 χ^2/NDF : 1179.2/27

All: 0.120 ± 0.009 χ^2/NDF : 1915.3/51

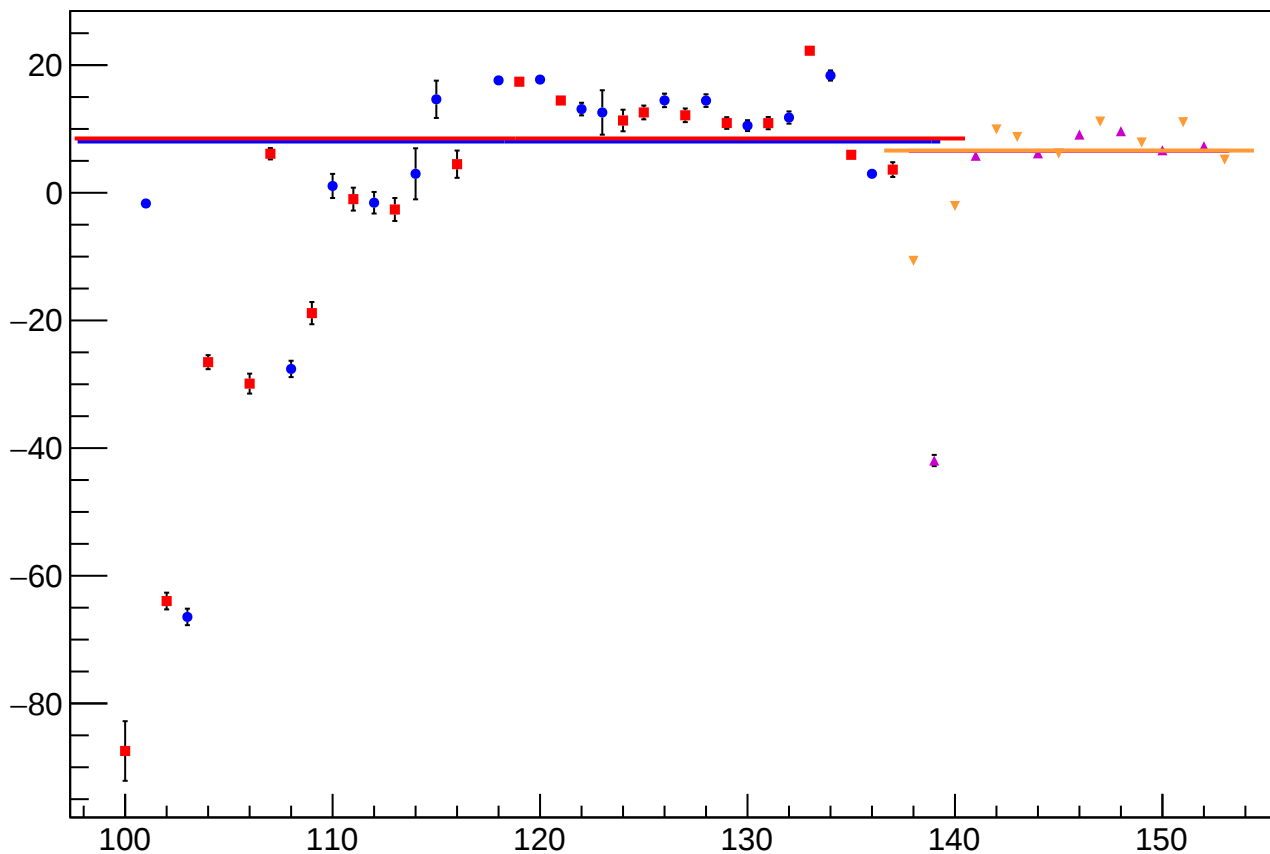
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.822 $\pm$ 0.178 χ^2 /NDF:2311.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6

Left: 4.452 $\pm$ 0.128 χ^2 /NDF: 3331.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6
 Out: 5.822 $\pm$ 0.178 χ^2 /NDF:2311.8/8
 All: 4.452 $\pm$ 0.128 χ^2 /NDF: 3331.4/15

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 6.616+/-0.123 χ^2/NDF : 1958.6/8

Right Out: 8.508+/-0.213 χ^2/NDF : 6713.4/18

Left In: 6.562+/-0.131 χ^2/NDF : 3239.4/6

Left: 6.591+/-0.090 χ^2/NDF : 5198.1/15

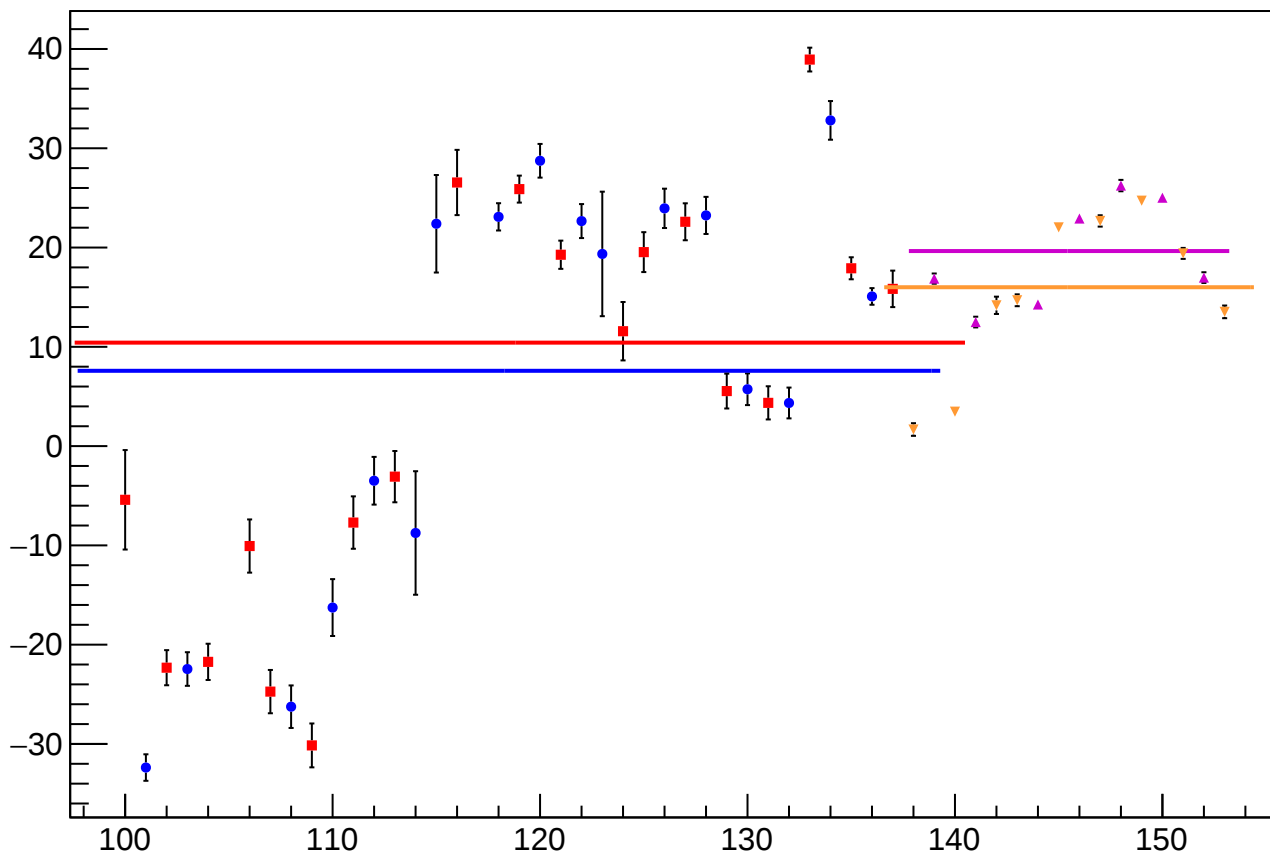
Right: 8.274+/-0.151 χ^2/NDF : 12086.1/35

In: 6.961+/-0.112 χ^2/NDF : 8643.8/23

Out: 7.091+/-0.107 χ^2/NDF : 8731.1/27

All: 7.029+/-0.077 χ^2/NDF : 17375.6/51

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 16.002 ± 0.180 χ^2/NDF : 2070.1/8

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

Left: 17.768 ± 0.129 χ^2/NDF : 2969.8/15

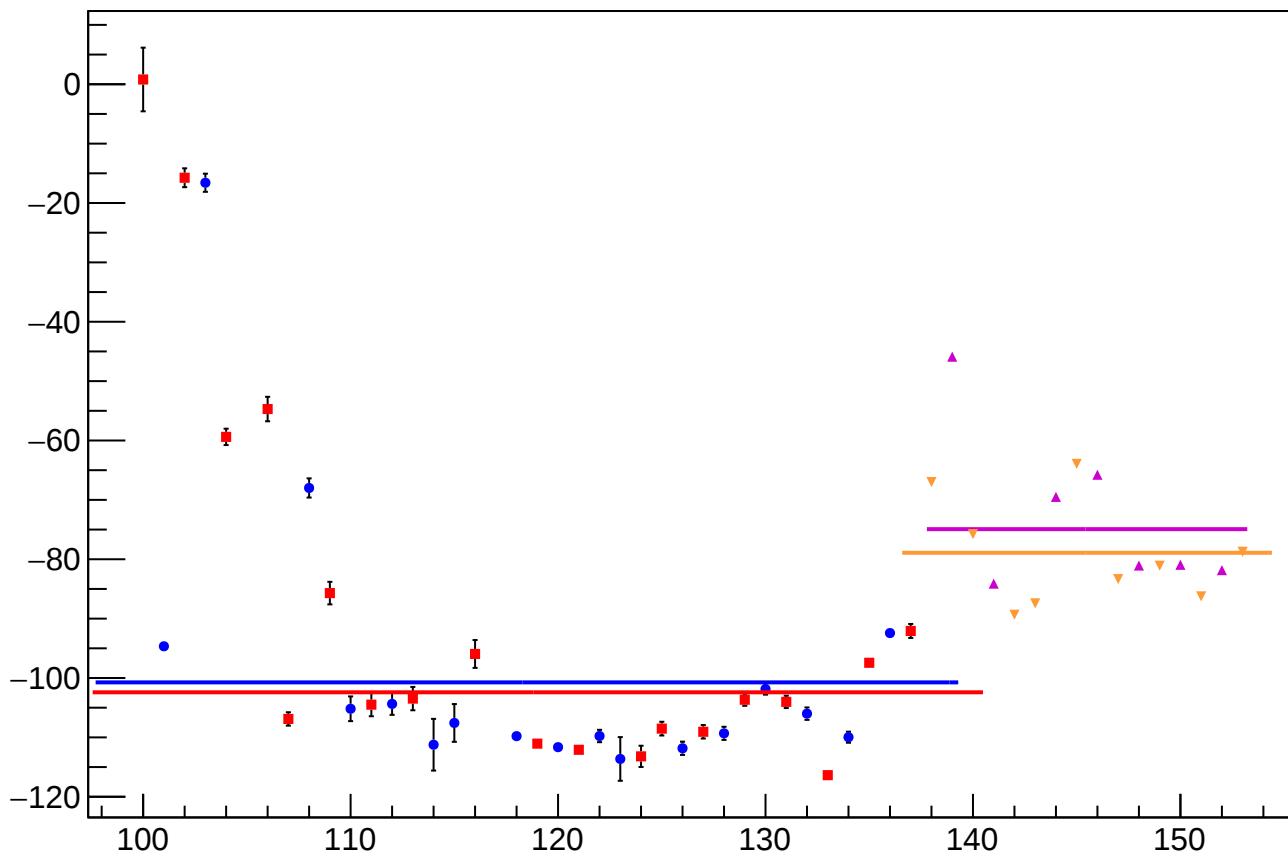
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.650 ± 0.169 χ^2/NDF : 3723.9/23

Out: 15.124 ± 0.165 χ^2/NDF : 4511.2/27

All: 16.354 ± 0.118 χ^2/NDF : 8349.1/51

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.906 ± 0.150 $\chi^2/\text{NDF}: 2973.7/8$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.929 ± 0.160 $\chi^2/\text{NDF}: 3205.3/6$

Left: -77.036 ± 0.110 $\chi^2/\text{NDF}: 6507.5/15$

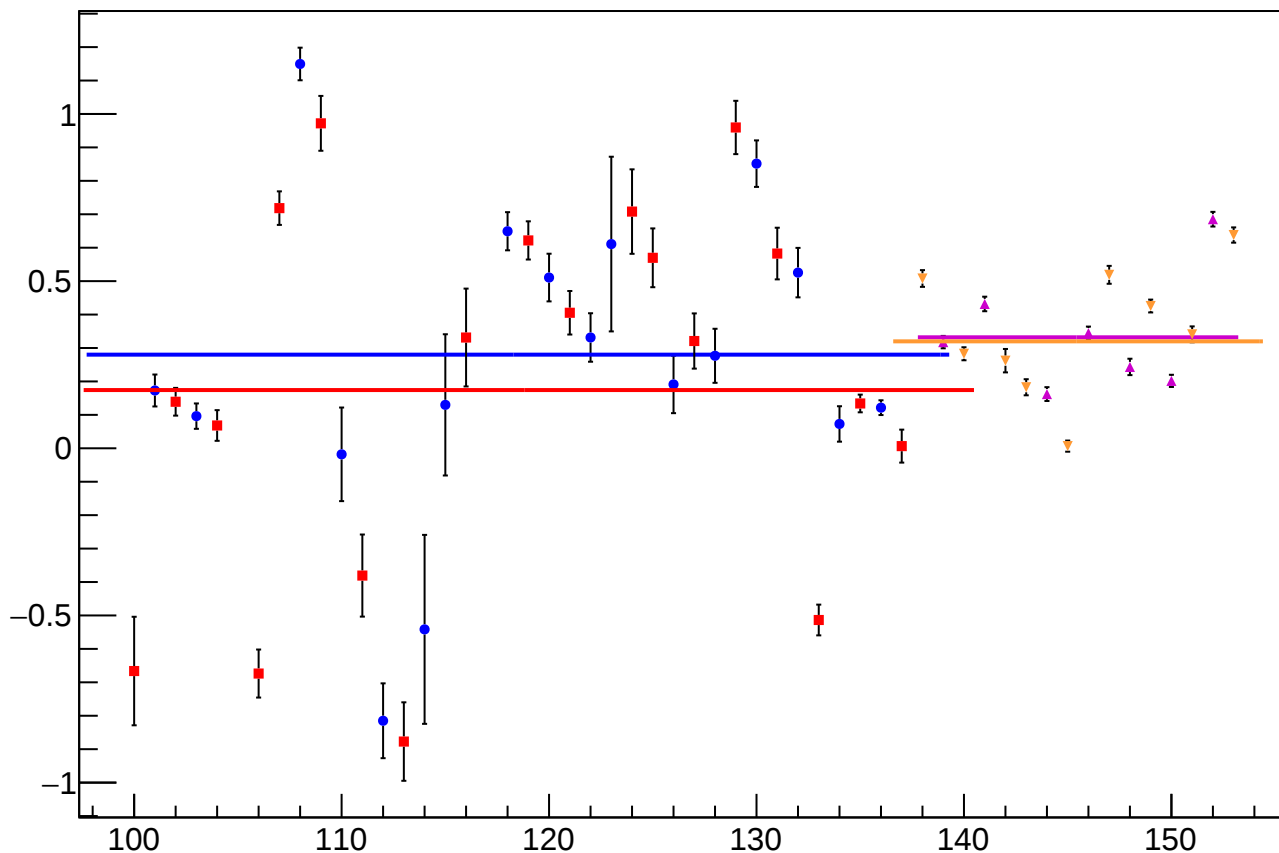
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.484 ± 0.134 $\chi^2/\text{NDF}: 15365.7/23$

Out: -85.311 ± 0.128 $\chi^2/\text{NDF}: 15709.0/27$

All: -83.962 ± 0.093 $\chi^2/\text{NDF}: 31306.3/51$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.320 ± 0.007 χ^2/NDF : 729.3/8

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

Left: 0.326 ± 0.005 χ^2/NDF : 1143.1/15

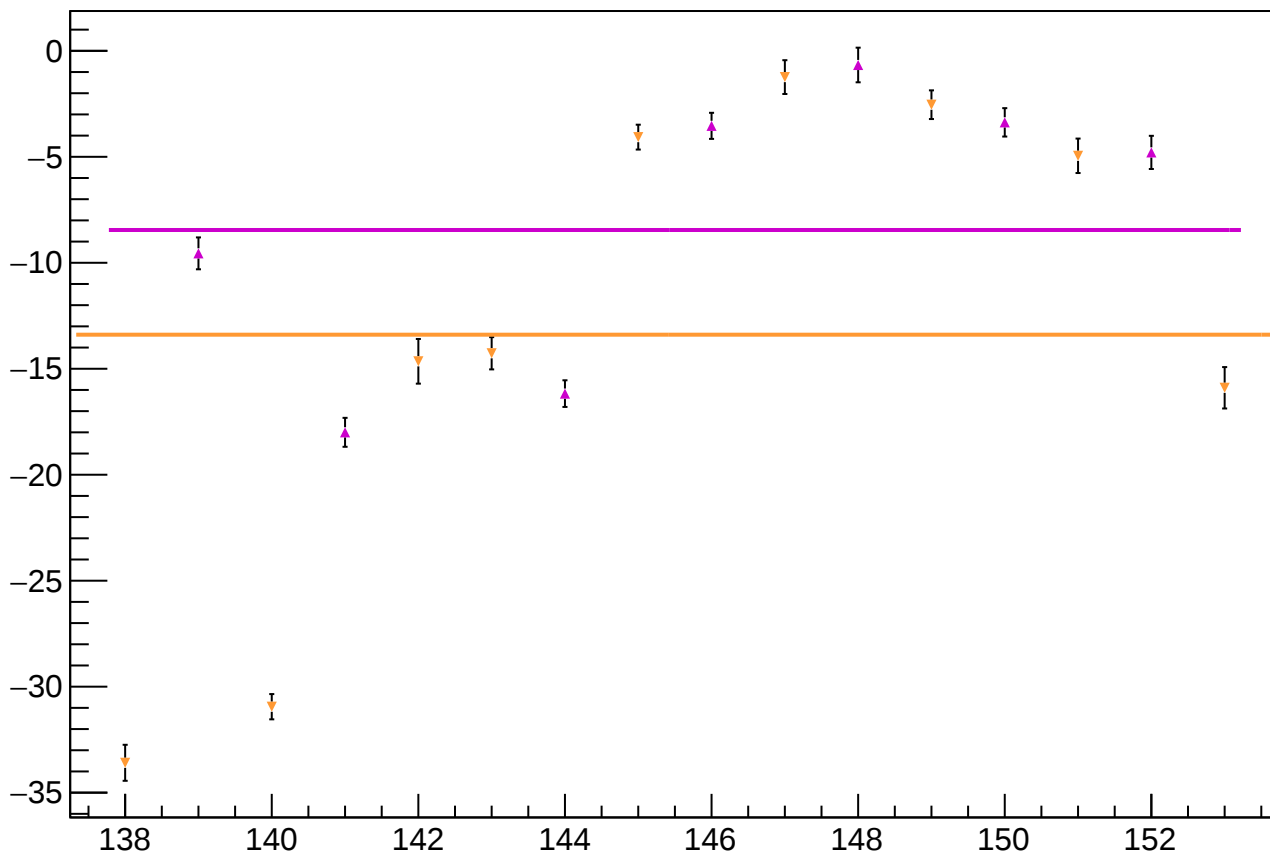
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.319 ± 0.007 χ^2/NDF : 1080.0/23

Out: 0.286 ± 0.006 χ^2/NDF : 1783.5/27

All: 0.302 ± 0.005 χ^2/NDF : 2876.2/51

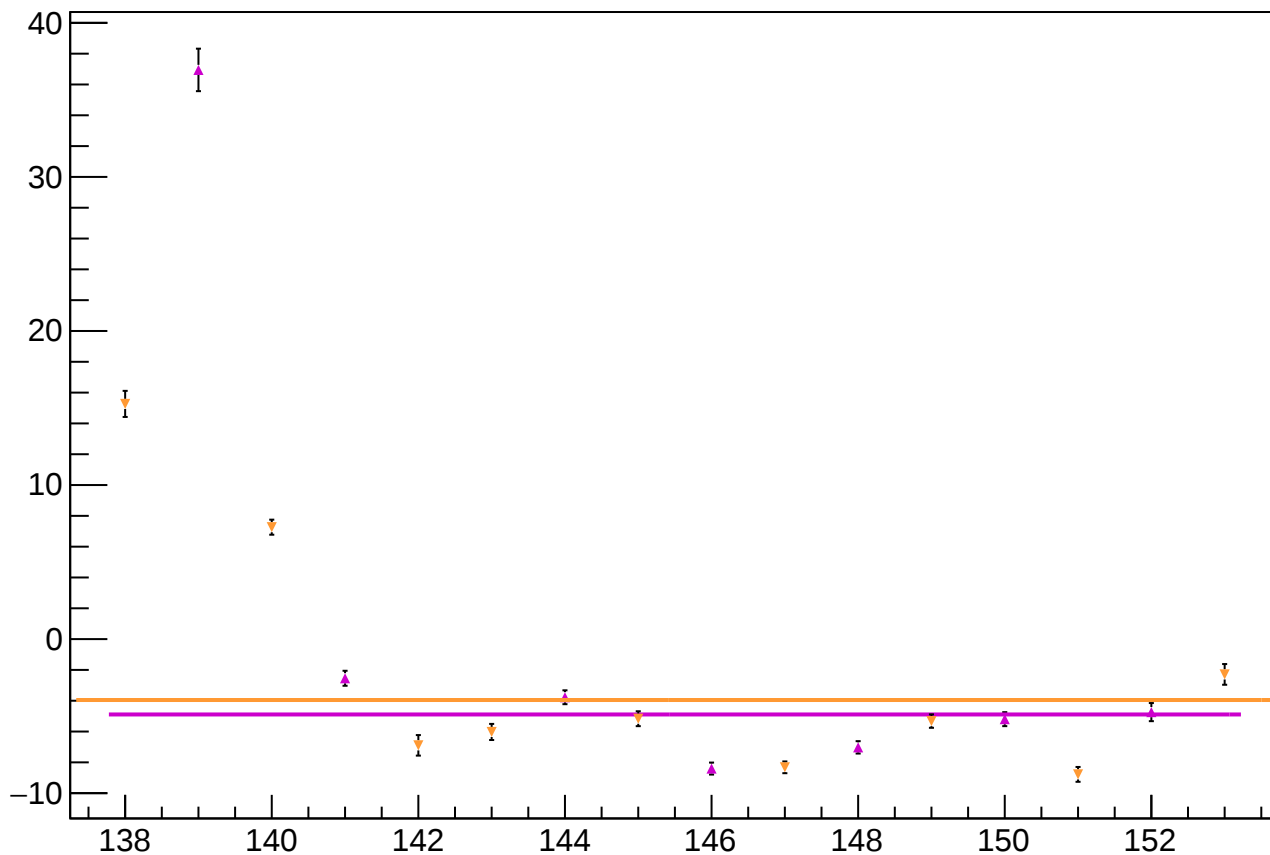
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.453+/-0.263 χ^2/NDF :582.1/6

Left: -11.054+/-0.181 χ^2/NDF : 3059.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.453+/-0.263 χ^2/NDF :582.1/6
 Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 All: -11.054+/-0.181 χ^2/NDF : 3059.6/15

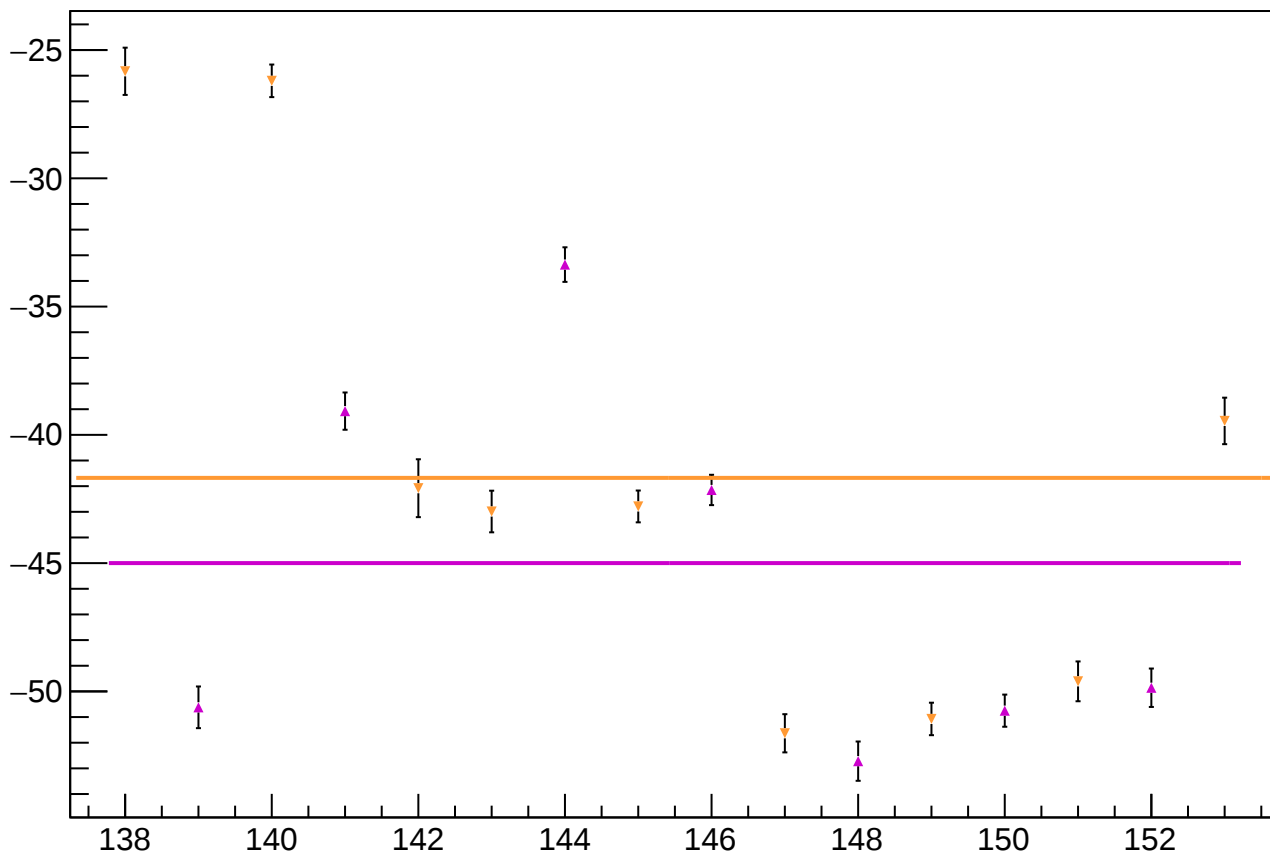
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Left: -4.392+/-0.124 χ^2/NDF : 2404.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.892+/-0.182 χ^2/NDF :1059.9/6
 Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 All: -4.392+/-0.124 χ^2/NDF : 2404.8/15

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



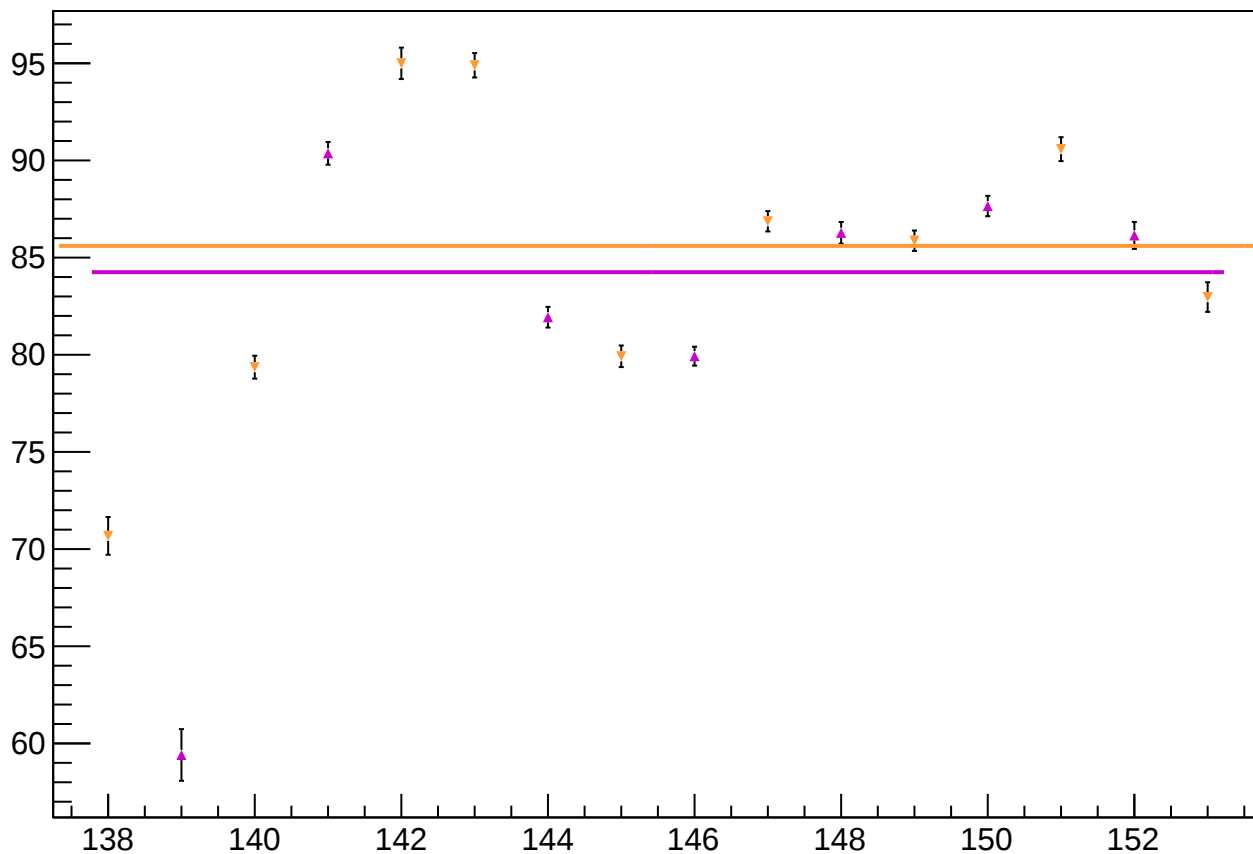
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -41.677 ± 0.252 $\chi^2/\text{NDF}: 1406.1/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -44.999 ± 0.263 $\chi^2/\text{NDF}: 663.8/6$

Left: -43.270 ± 0.182 $\chi^2/\text{NDF}: 2153.2/15$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -44.999 ± 0.263 $\chi^2/\text{NDF}: 663.8/6$
 Out: -41.677 ± 0.252 $\chi^2/\text{NDF}: 1406.1/8$

All: -43.270 ± 0.182 $\chi^2/\text{NDF}: 2153.2/15$

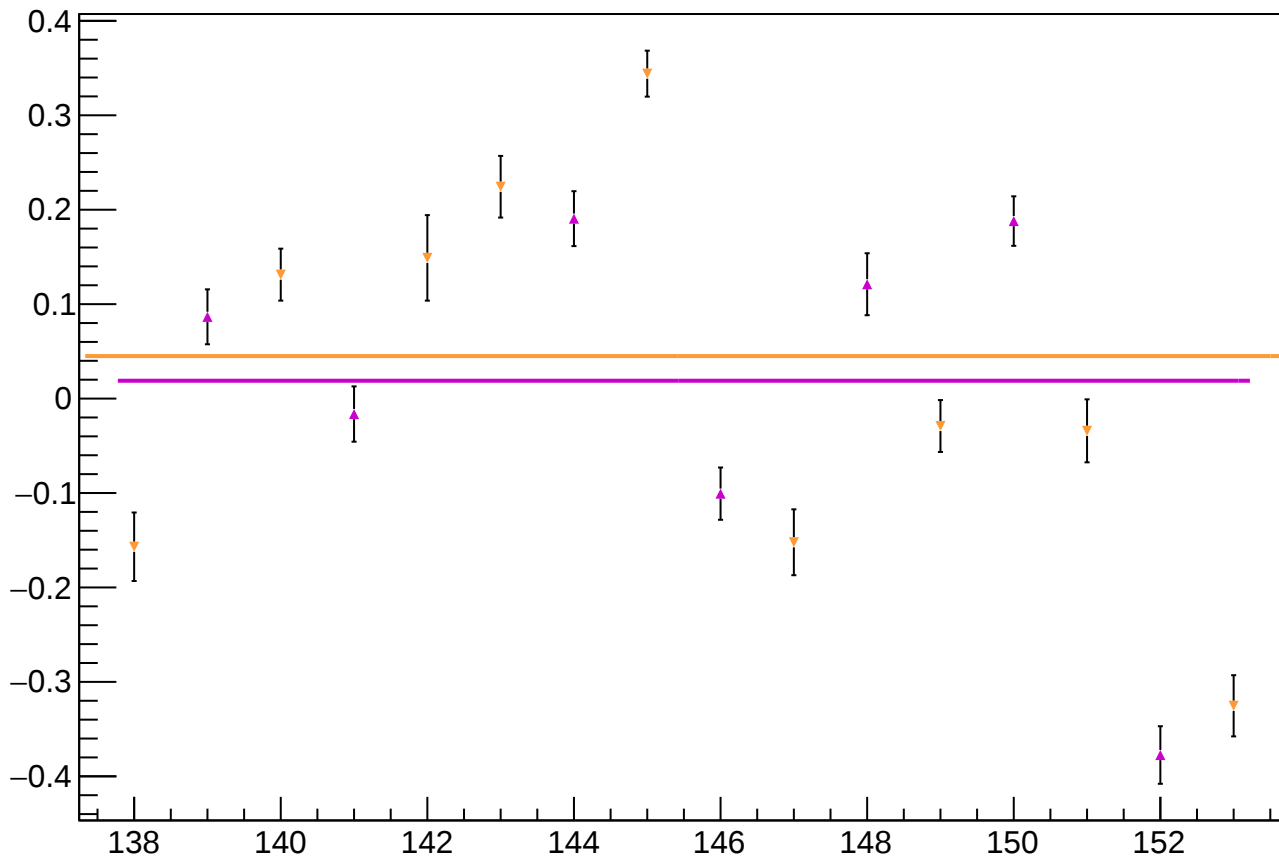
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.603+/-0.209 χ^2/NDF : 891.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.251+/-0.223 χ^2/NDF : 619.1/6

Left: 84.970+/-0.152 χ^2/NDF : 1529.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.251+/-0.223 χ^2/NDF : 619.1/6
 Out: 85.603+/-0.209 χ^2/NDF : 891.0/8
 All: 84.970+/-0.152 χ^2/NDF : 1529.7/15

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.045+/-0.010 χ^2/NDF :402.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.019+/-0.011 χ^2/NDF :280.8/6

Left: 0.033+/-0.008 χ^2/NDF : 686.5/15

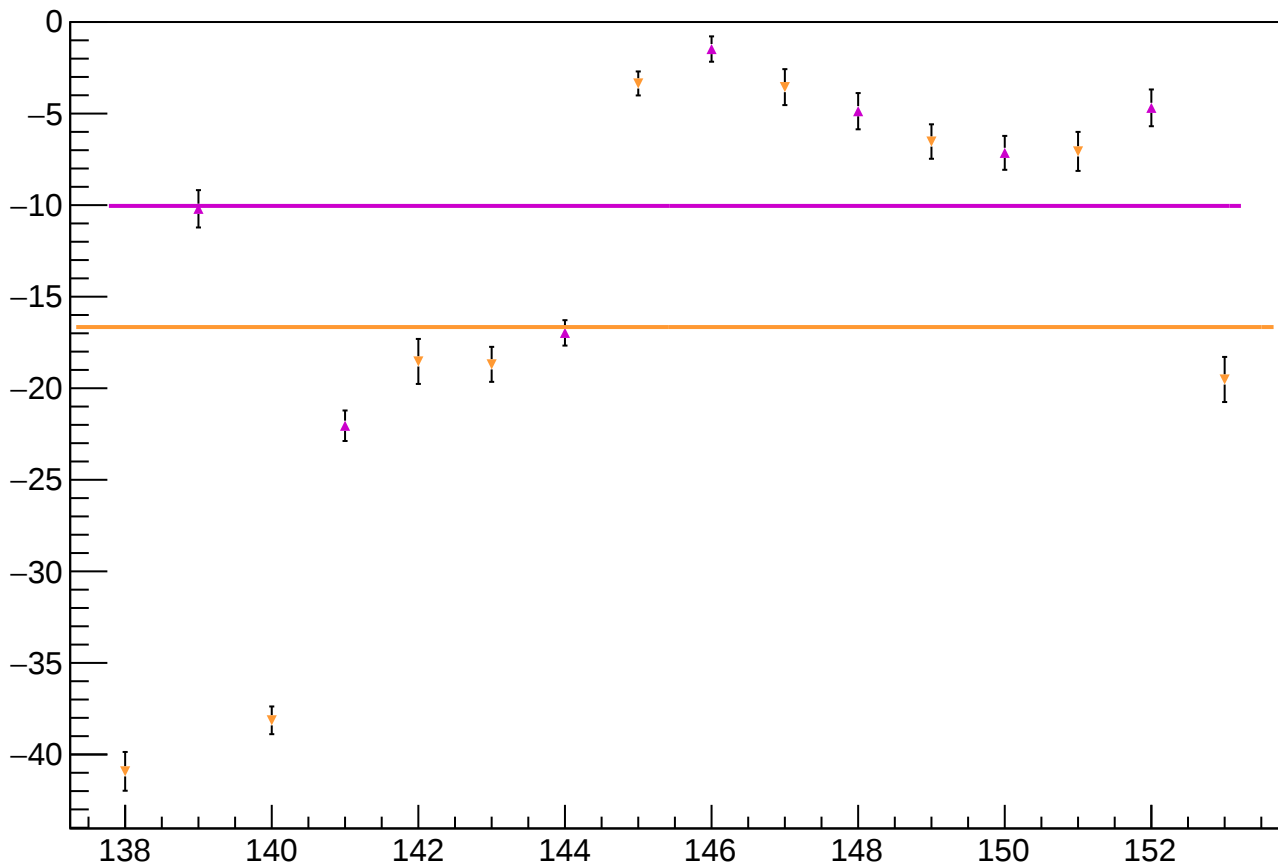
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.019+/-0.011 χ^2/NDF :280.8/6

Out: 0.045+/-0.010 χ^2/NDF :402.7/8

All: 0.033+/-0.008 χ^2/NDF : 686.5/15

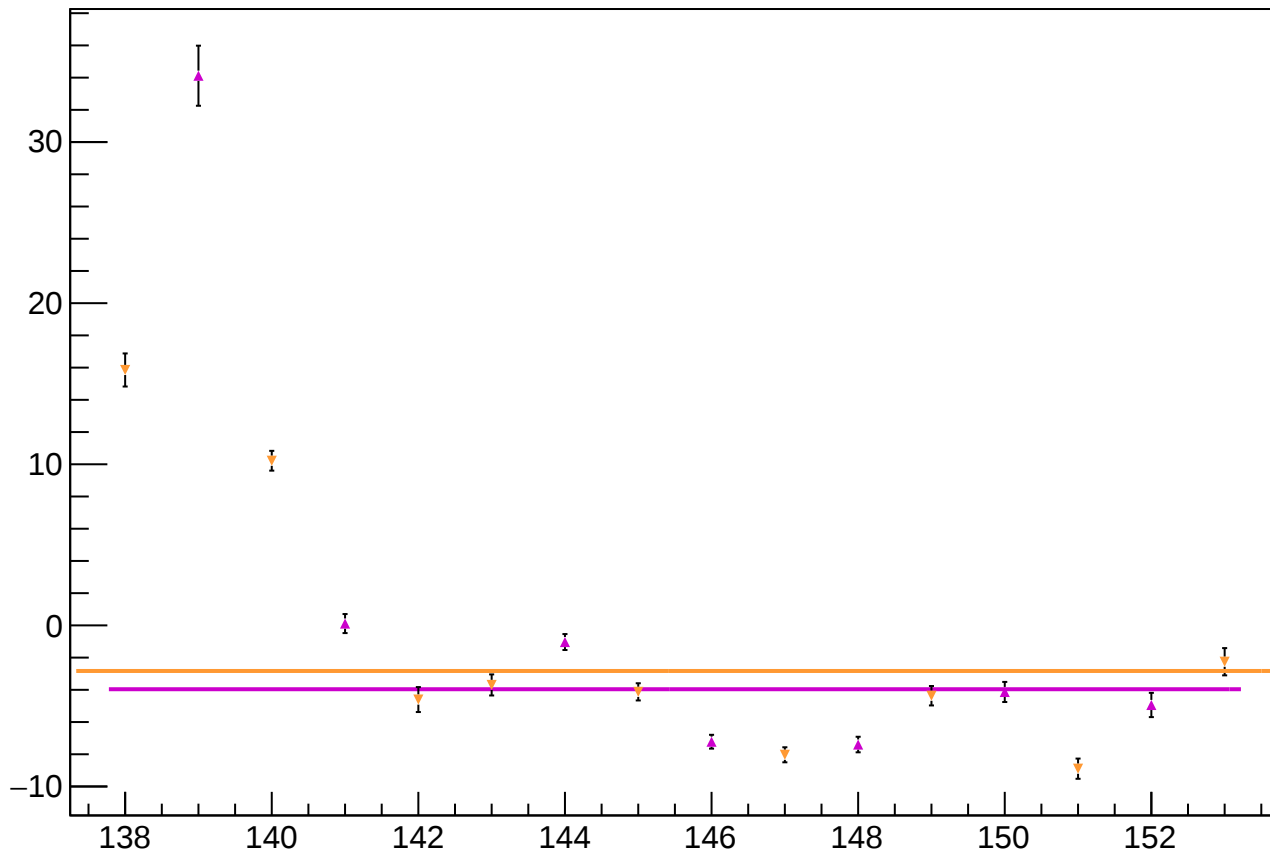
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -16.658 $\pm$ 0.310 χ^2 /NDF:2130.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

Left: -13.463 $\pm$ 0.223 χ^2 /NDF: 2877.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6
 Out: -16.658 $\pm$ 0.310 χ^2 /NDF:2130.6/8
 All: -13.463 $\pm$ 0.223 χ^2 /NDF: 2877.4/15

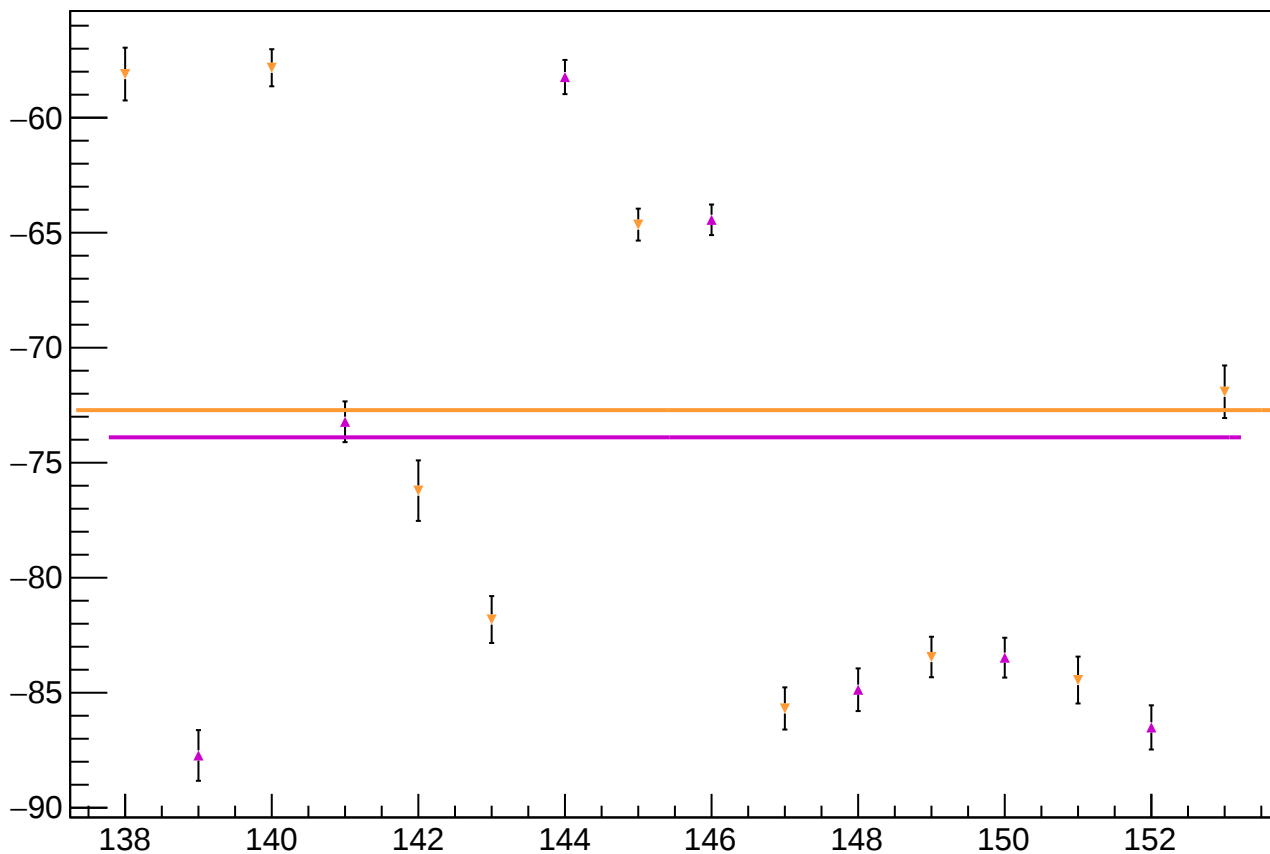
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.830+/-0.211 χ^2/NDF :1019.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.963+/-0.217 χ^2/NDF :609.7/6

Left: -3.382+/-0.151 χ^2/NDF : 1643.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.963+/-0.217 χ^2/NDF :609.7/6
 Out: -2.830+/-0.211 χ^2/NDF :1019.5/8
 All: -3.382+/-0.151 χ^2/NDF : 1643.2/15

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.294+/-0.224 χ^2/NDF : 2452.8/15

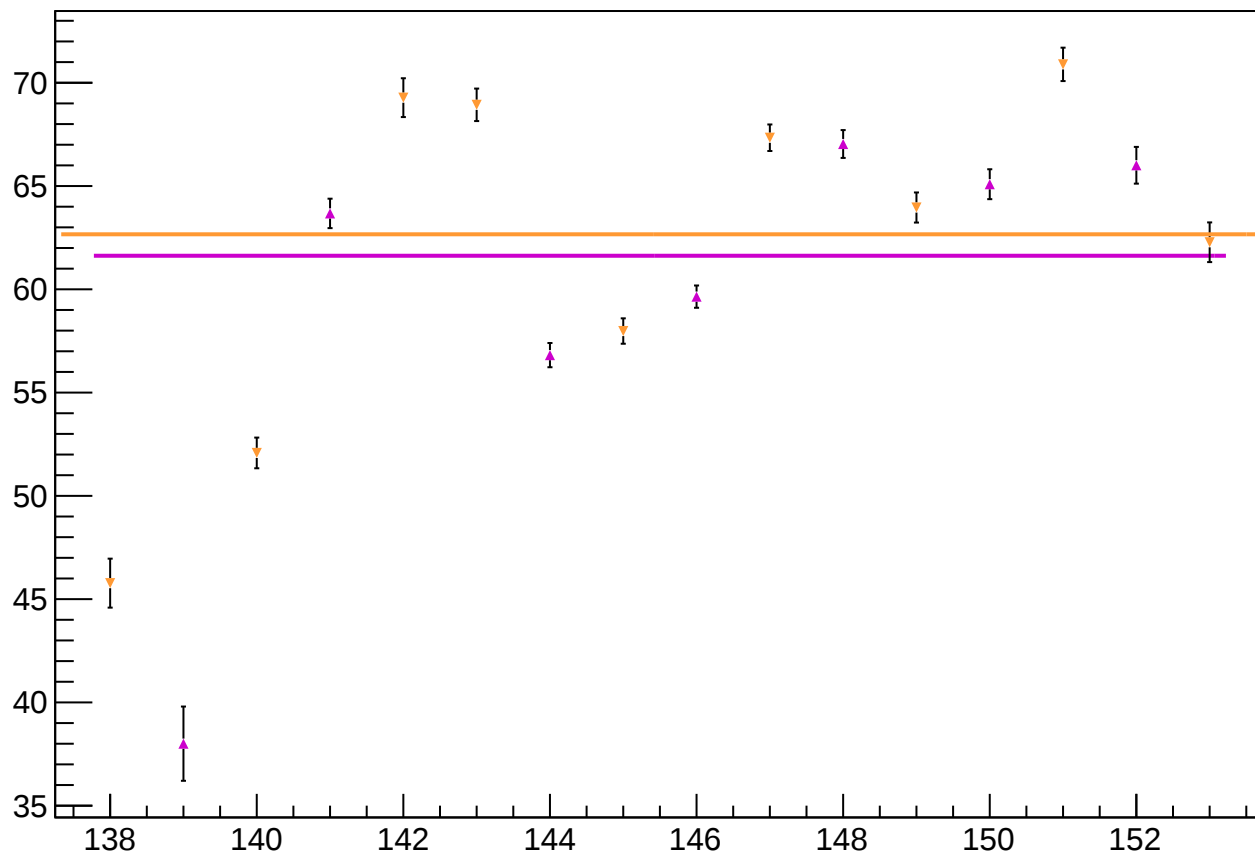
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

All: -73.294+/-0.224 χ^2/NDF : 2452.8/15

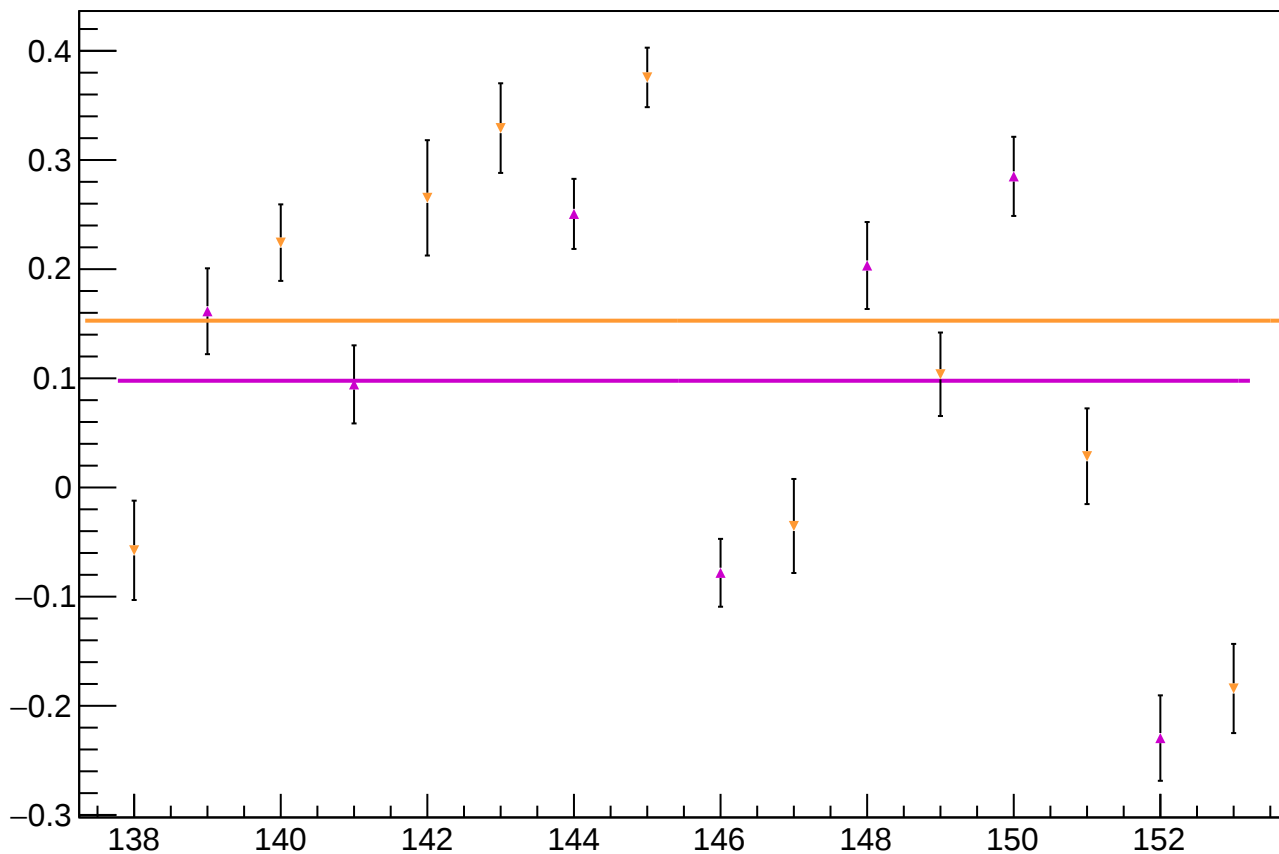
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.664+/-0.260 χ^2/NDF : 736.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.625+/-0.267 χ^2/NDF : 373.3/6

Left: 62.160+/-0.186 χ^2/NDF : 1117.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.625+/-0.267 χ^2/NDF : 373.3/6
 Out: 62.664+/-0.260 χ^2/NDF : 736.8/8
 All: 62.160+/-0.186 χ^2/NDF : 1117.9/15

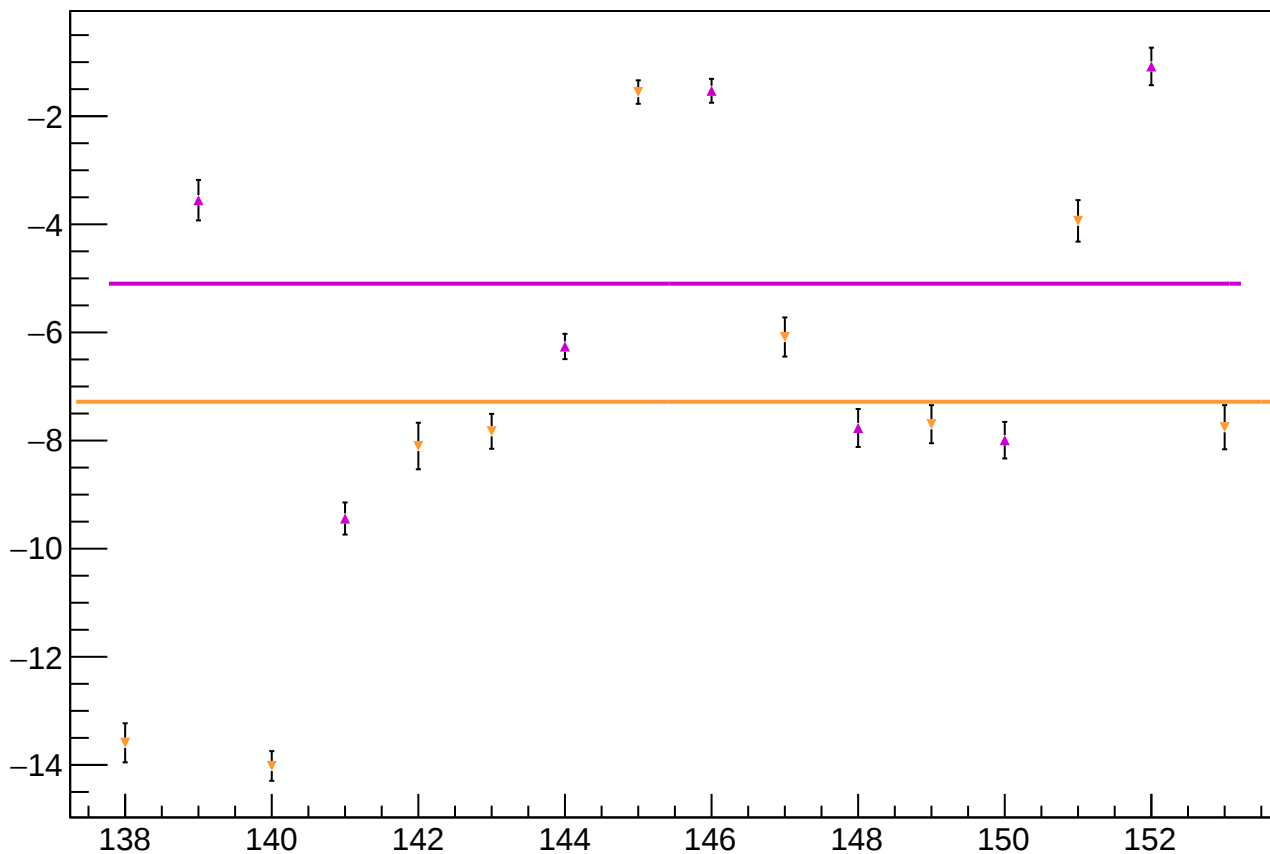
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.153 $\pm$ 0.013 χ^2 /NDF:212.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.098 $\pm$ 0.014 χ^2 /NDF:161.0/6

Left: 0.126 $\pm$ 0.009 χ^2 /NDF: 381.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.098 $\pm$ 0.014 χ^2 /NDF:161.0/6
 Out: 0.153 $\pm$ 0.013 χ^2 /NDF:212.2/8
 All: 0.126 $\pm$ 0.009 χ^2 /NDF: 381.8/15

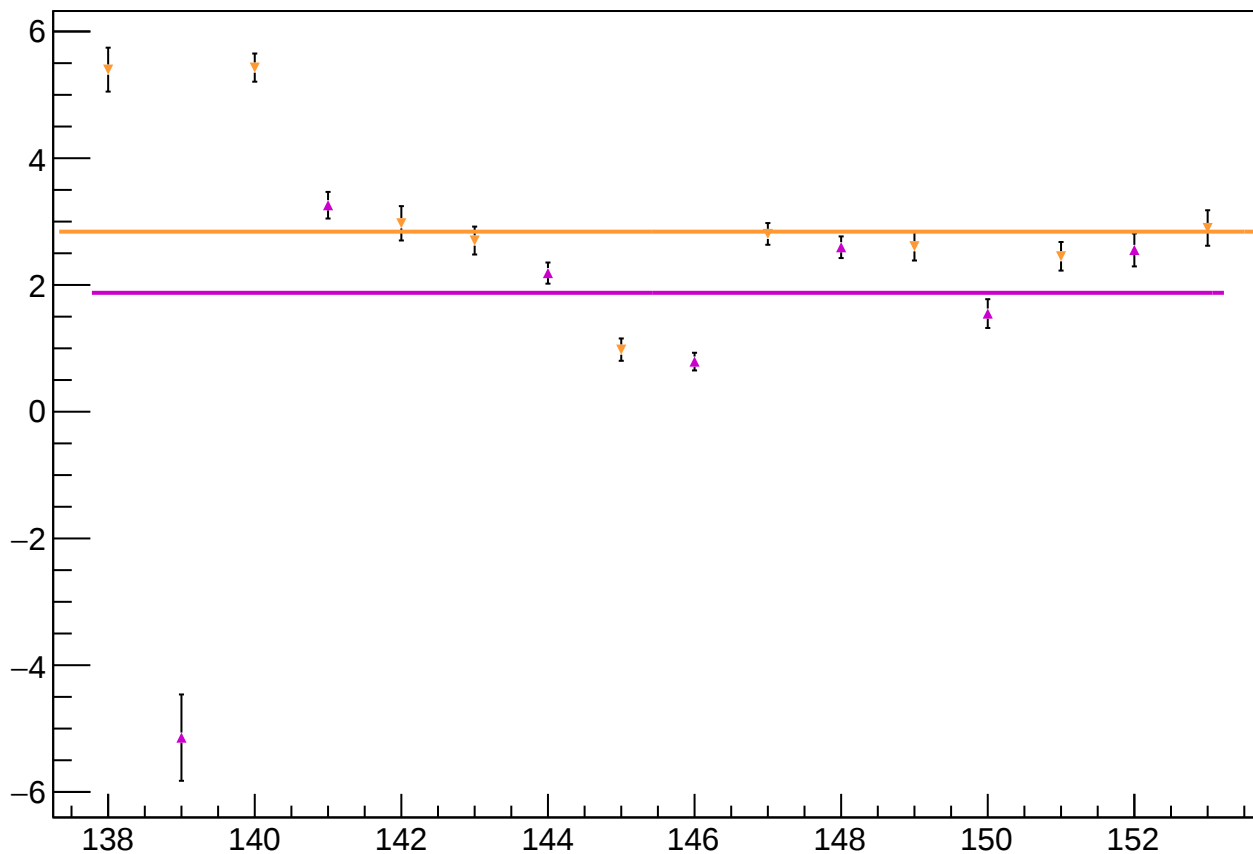
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.282+/-0.108 χ^2/NDF :1699.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

Left: -6.211+/-0.077 χ^2/NDF : 2681.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.098+/-0.110 χ^2/NDF :781.9/6
 Out: -7.282+/-0.108 χ^2/NDF :1699.3/8
 All: -6.211+/-0.077 χ^2/NDF : 2681.6/15

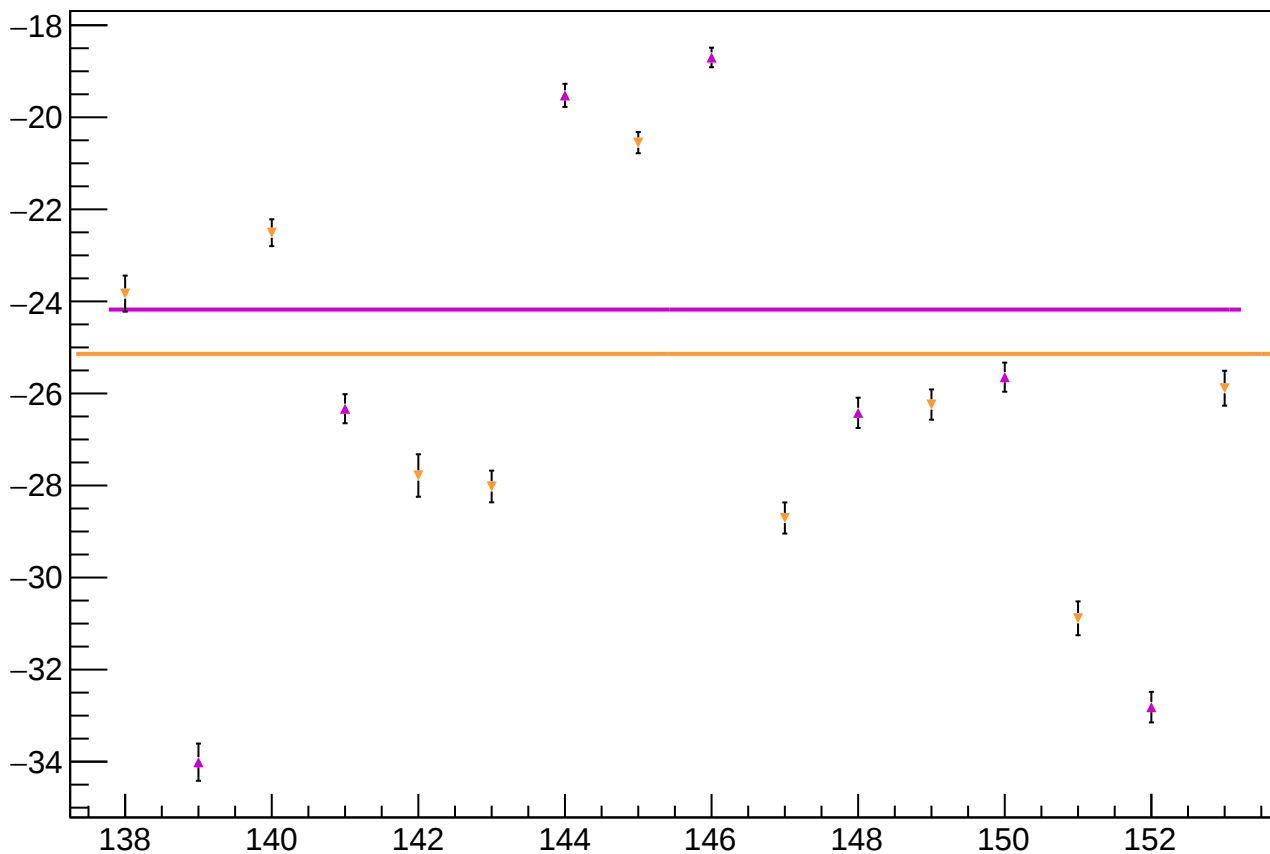
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.876+/-0.074 χ^2/NDF :240.0/6

Left: 2.360+/-0.053 χ^2/NDF : 630.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.876+/-0.074 χ^2/NDF :240.0/6
 Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 All: 2.360+/-0.053 χ^2/NDF : 630.4/15

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.140+/-0.110 χ^2/NDF :962.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Left: -24.659+/-0.078 χ^2/NDF : 3392.4/15

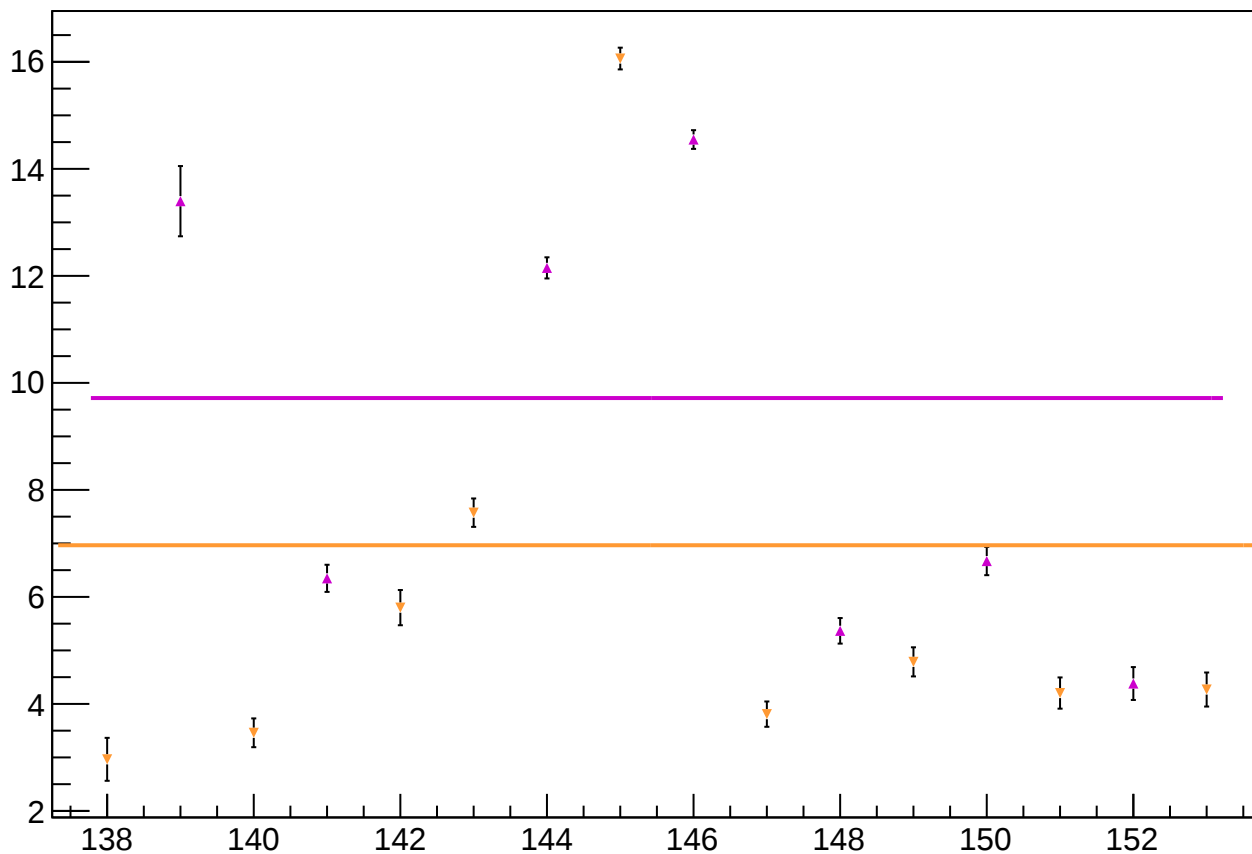
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -25.140+/-0.110 χ^2/NDF :962.6/8

All: -24.659+/-0.078 χ^2/NDF : 3392.4/15

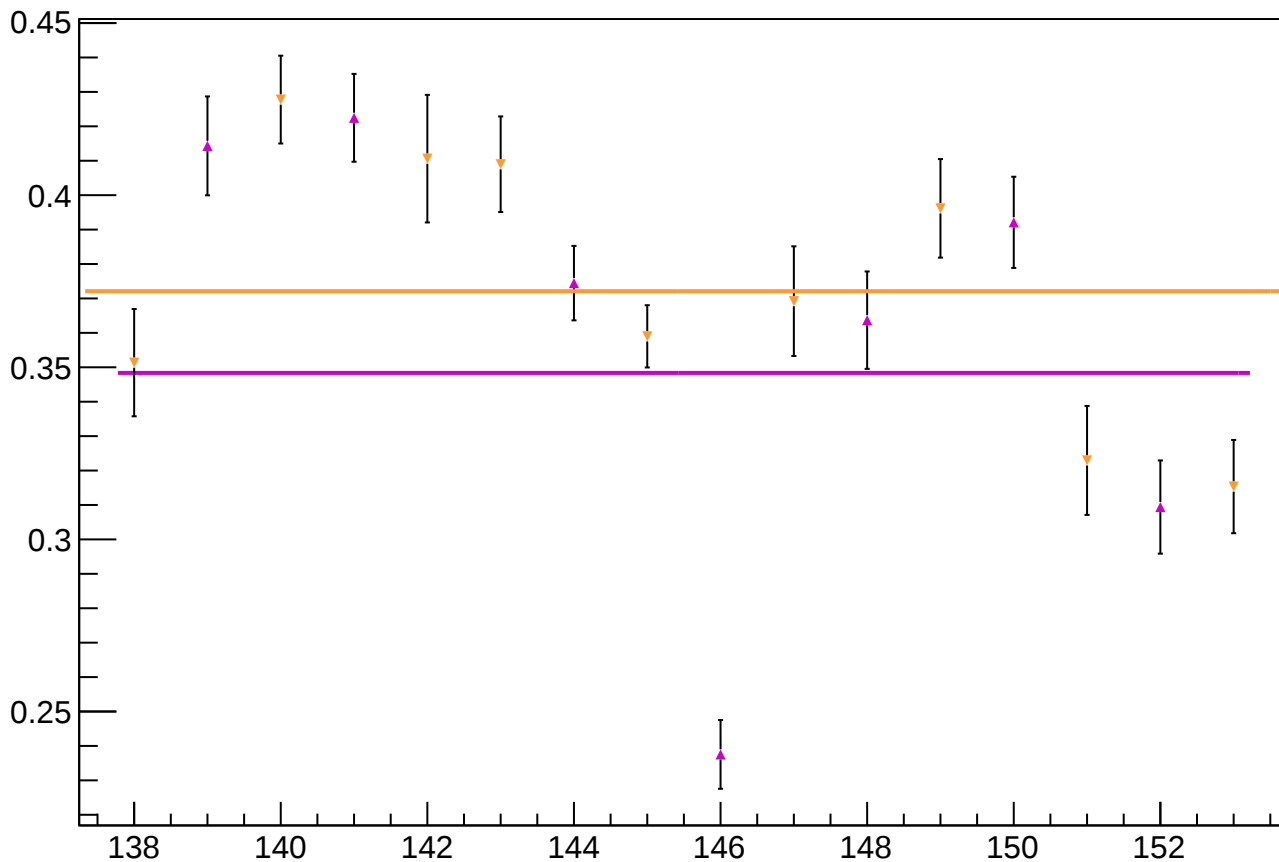
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.966 $\pm$ 0.091 χ^2 /NDF:2694.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.717 $\pm$ 0.092 χ^2 /NDF:1888.7/6

Left: 8.329 $\pm$ 0.065 χ^2 /NDF: 5035.6/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.717 $\pm$ 0.092 χ^2 /NDF:1888.7/6
 Out: 6.966 $\pm$ 0.091 χ^2 /NDF:2694.3/8
 All: 8.329 $\pm$ 0.065 χ^2 /NDF: 5035.6/15

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Left: 0.361 $\pm$ 0.003 χ^2 /NDF: 281.8/15

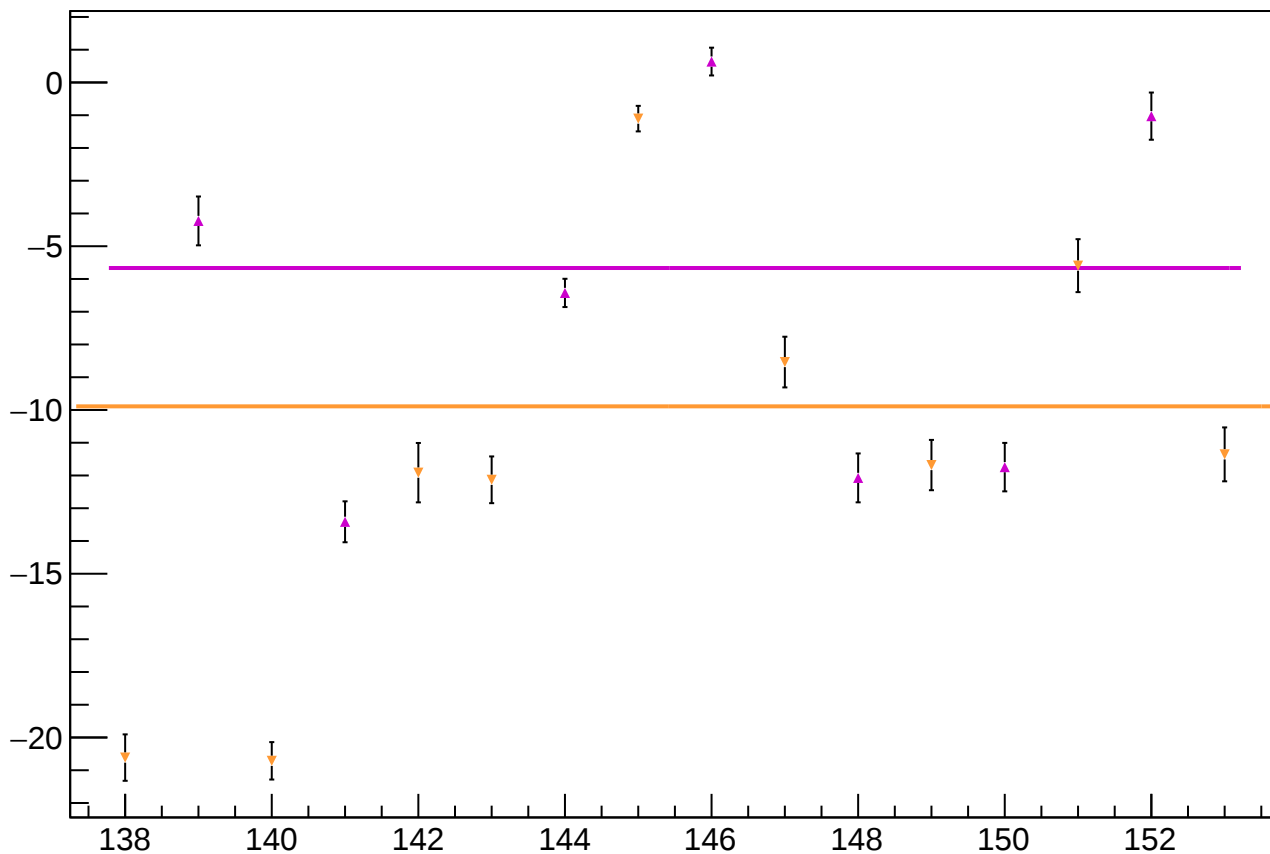
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

All: 0.361 $\pm$ 0.003 χ^2 /NDF: 281.8/15

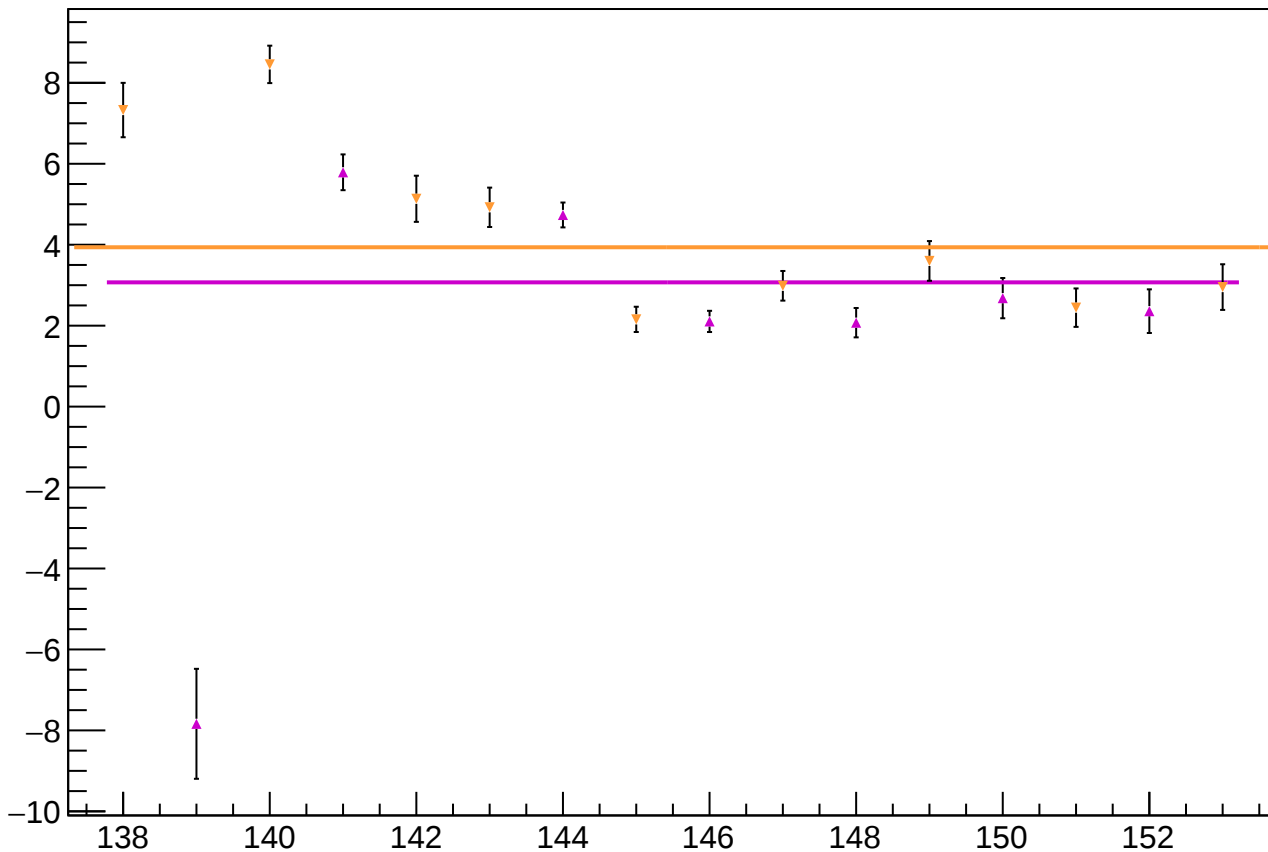
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.889 +/- 0.217 χ^2/NDF : 1149.8/8
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -5.665 +/- 0.219 χ^2/NDF : 564.0/6

Left: -7.795 +/- 0.154 χ^2/NDF : 1901.2/15
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -5.665 +/- 0.219 χ^2/NDF : 564.0/6
 Out: -9.889 +/- 0.217 χ^2/NDF : 1149.8/8
 All: -7.795 +/- 0.154 χ^2/NDF : 1901.2/15

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.937+/-0.151 χ^2/NDF :182.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.070+/-0.148 χ^2/NDF :155.2/6

Left: 3.493+/-0.106 χ^2/NDF : 354.2/15

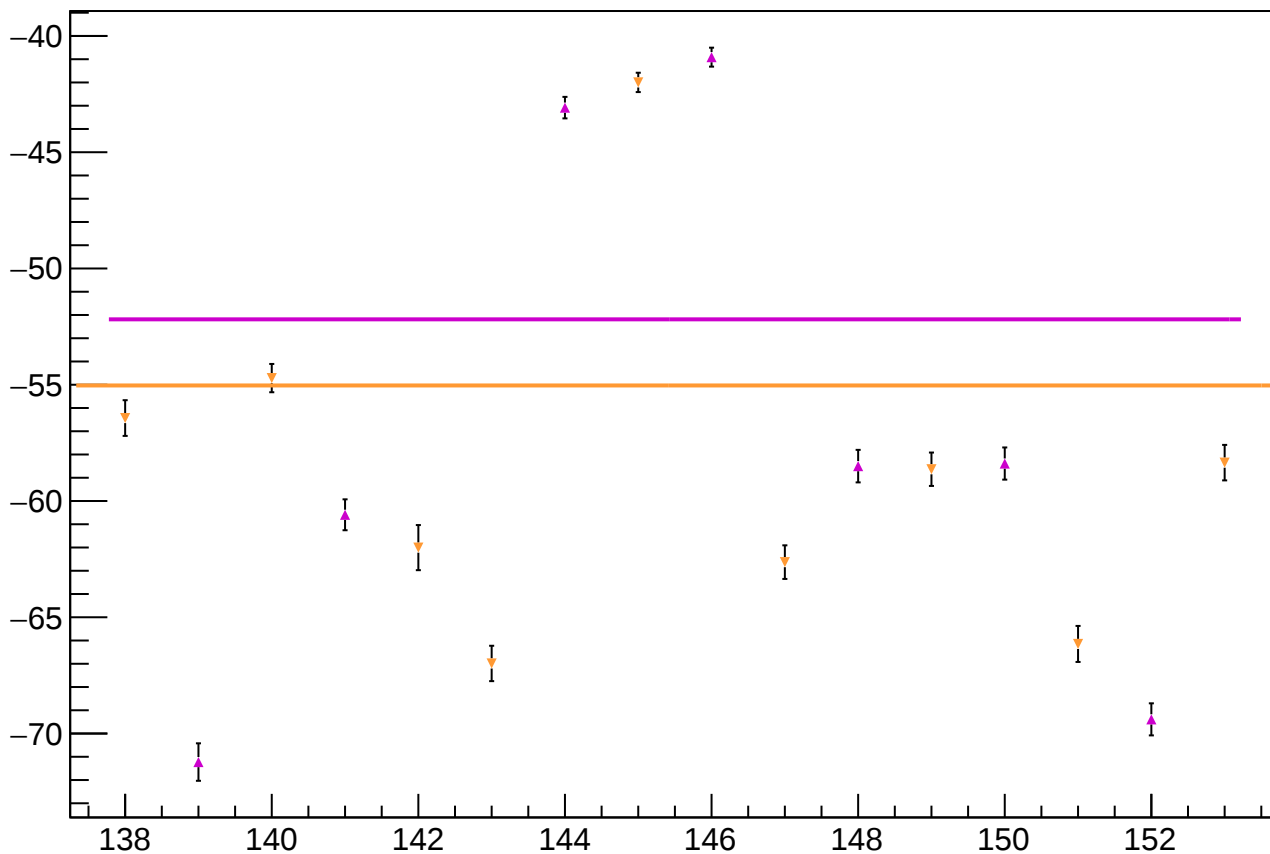
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.070+/-0.148 χ^2/NDF :155.2/6

Out: 3.937+/-0.151 χ^2/NDF :182.3/8

All: 3.493+/-0.106 χ^2/NDF : 354.2/15

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



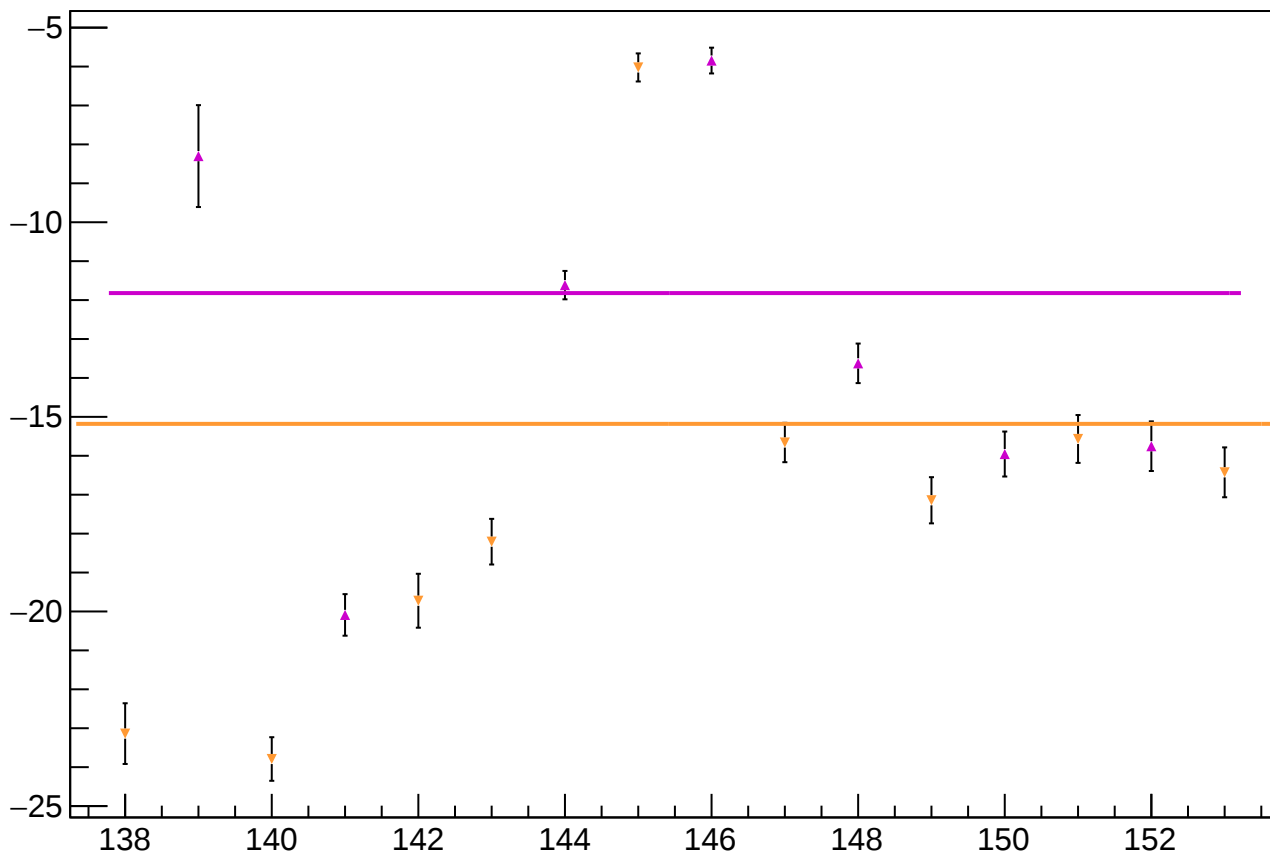
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.031+/-0.222 χ^2/NDF :1644.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Left: -53.591+/-0.156 χ^2/NDF : 4382.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.187+/-0.220 χ^2/NDF :2654.3/6
 Out: -55.031+/-0.222 χ^2/NDF :1644.9/8

All: -53.591+/-0.156 χ^2/NDF : 4382.0/15

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.180+/-0.185 χ^2/NDF :1070.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.820+/-0.182 χ^2/NDF :674.7/6

Left: -13.480+/-0.130 χ^2/NDF : 1912.6/15

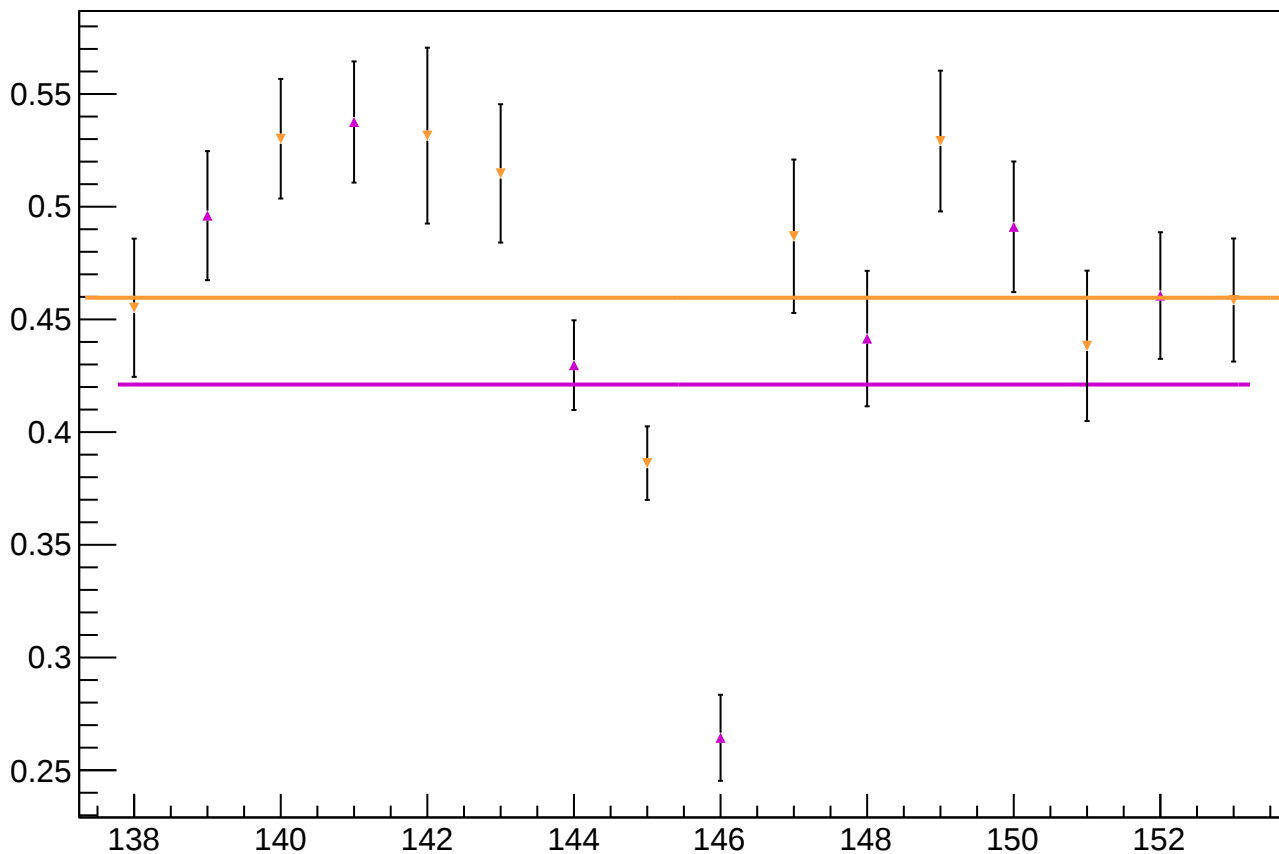
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.820+/-0.182 χ^2/NDF :674.7/6

Out: -15.180+/-0.185 χ^2/NDF :1070.2/8

All: -13.480+/-0.130 χ^2/NDF : 1912.6/15

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.009 χ^2/NDF :40.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.421+/-0.009 χ^2/NDF :101.5/6

Left: 0.441+/-0.007 χ^2/NDF : 150.2/15

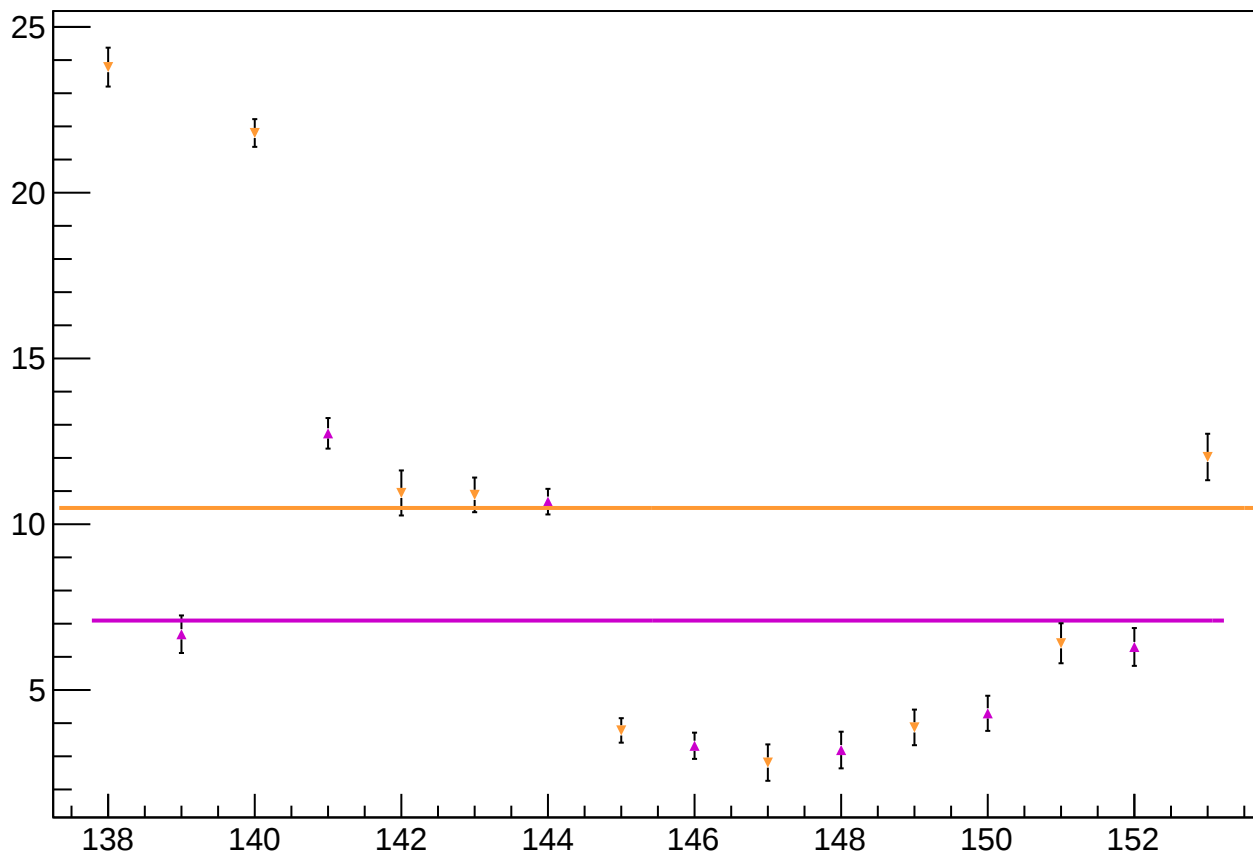
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF :101.5/6

Out: 0.460+/-0.009 χ^2/NDF :40.0/8

All: 0.441+/-0.007 χ^2/NDF : 150.2/15

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

Left: 8.860+/-0.125 χ^2/NDF : 2566.3/15

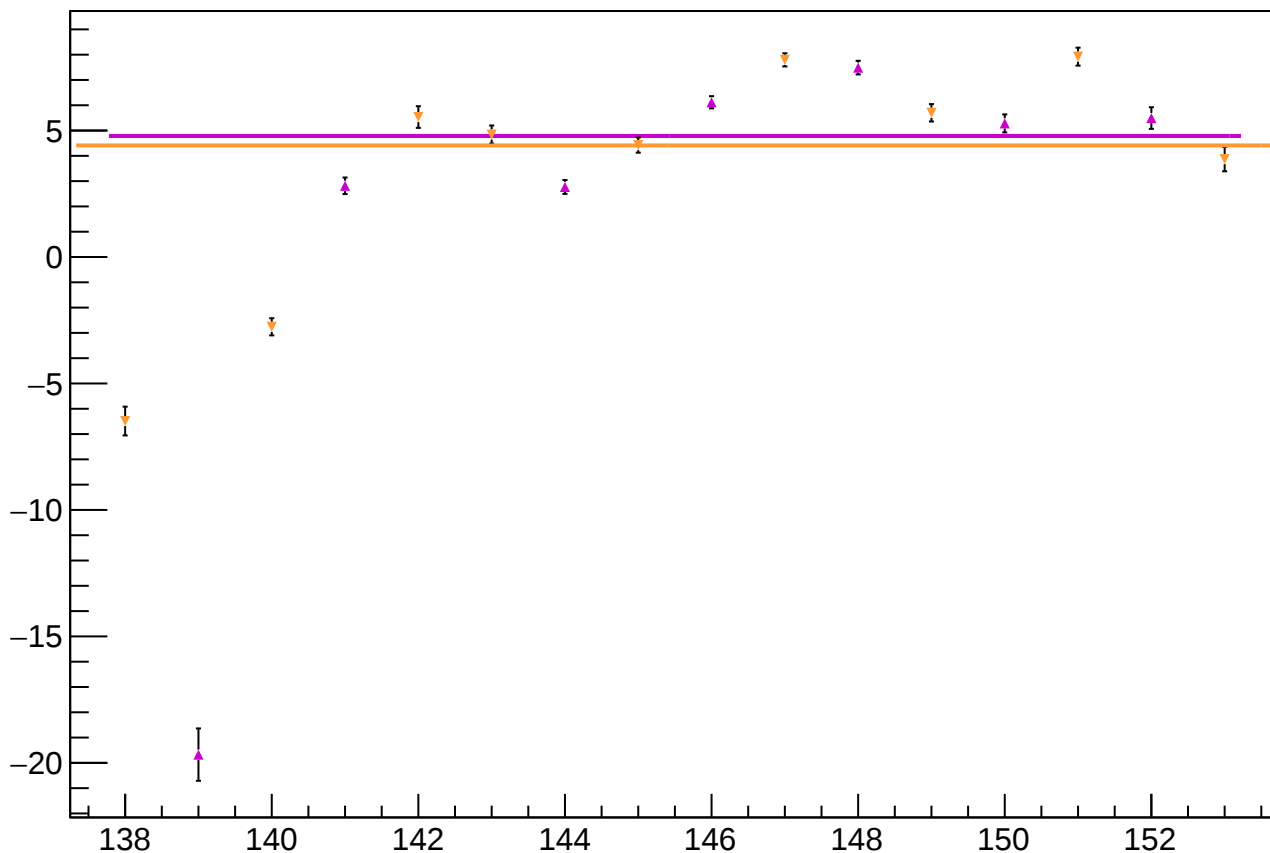
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.095+/-0.180 χ^2/NDF :407.6/6

Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

All: 8.860+/-0.125 χ^2/NDF : 2566.3/15

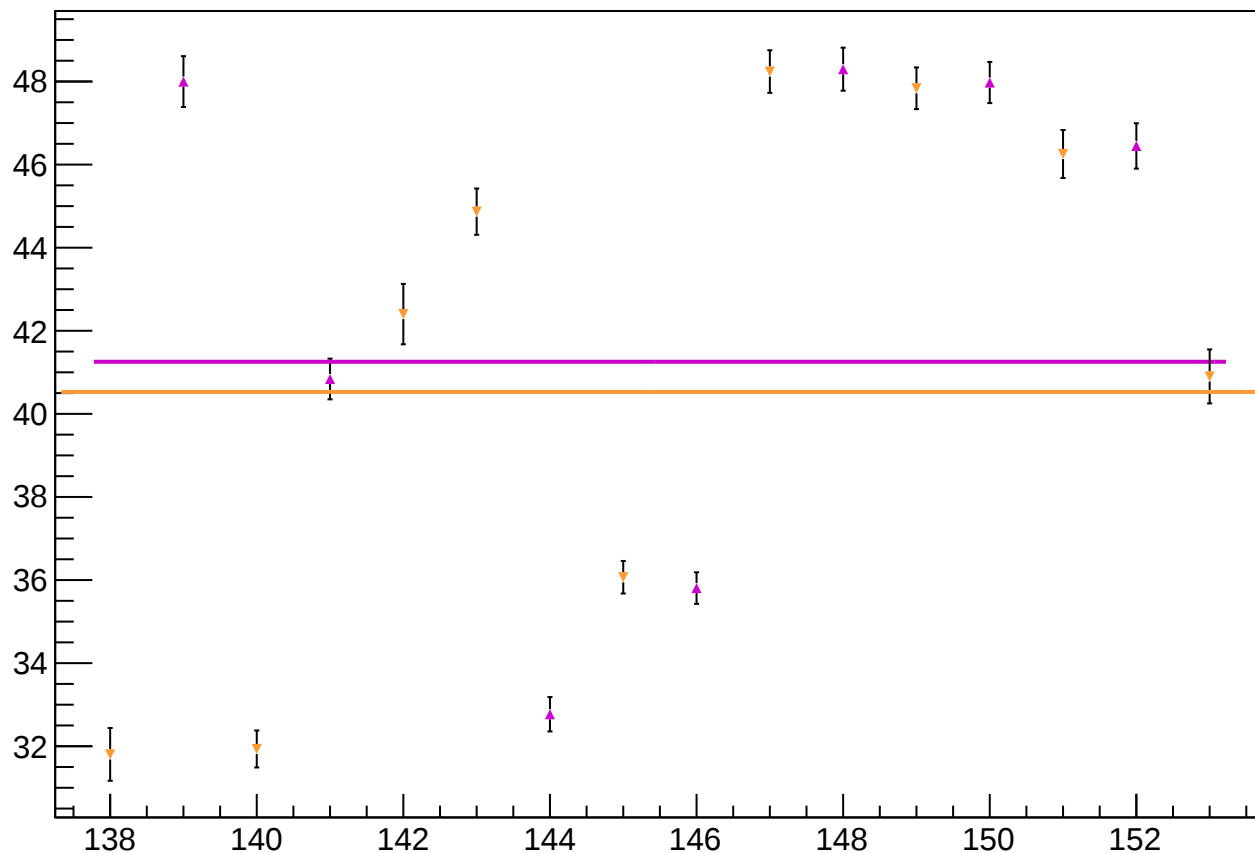
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.786+/-0.121 χ^2/NDF :783.7/6

Left: 4.594+/-0.085 χ^2/NDF : 1890.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 All: 4.594+/-0.085 χ^2/NDF : 1890.9/15

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Left: 40.882+/-0.126 χ^2/NDF : 2510.5/15

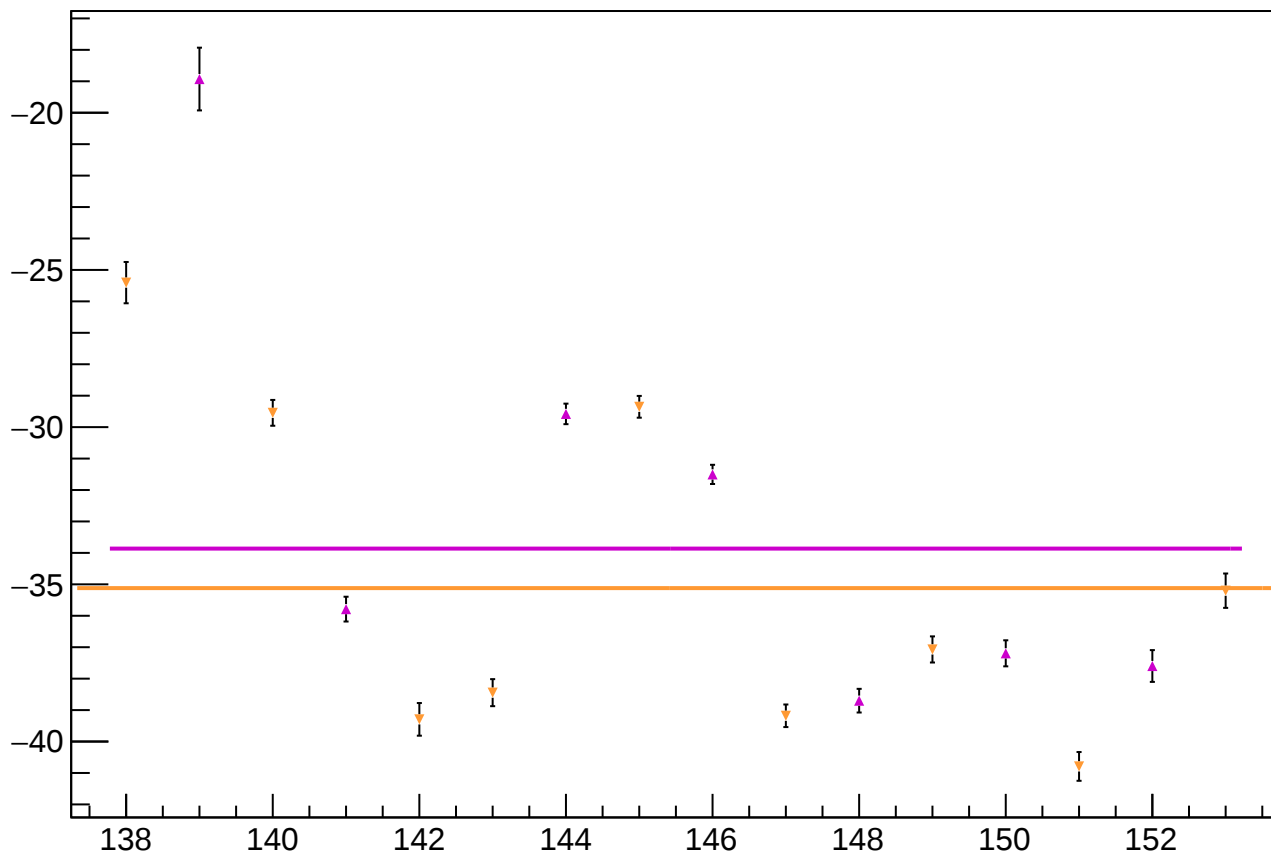
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

All: 40.882+/-0.126 χ^2/NDF : 2510.5/15

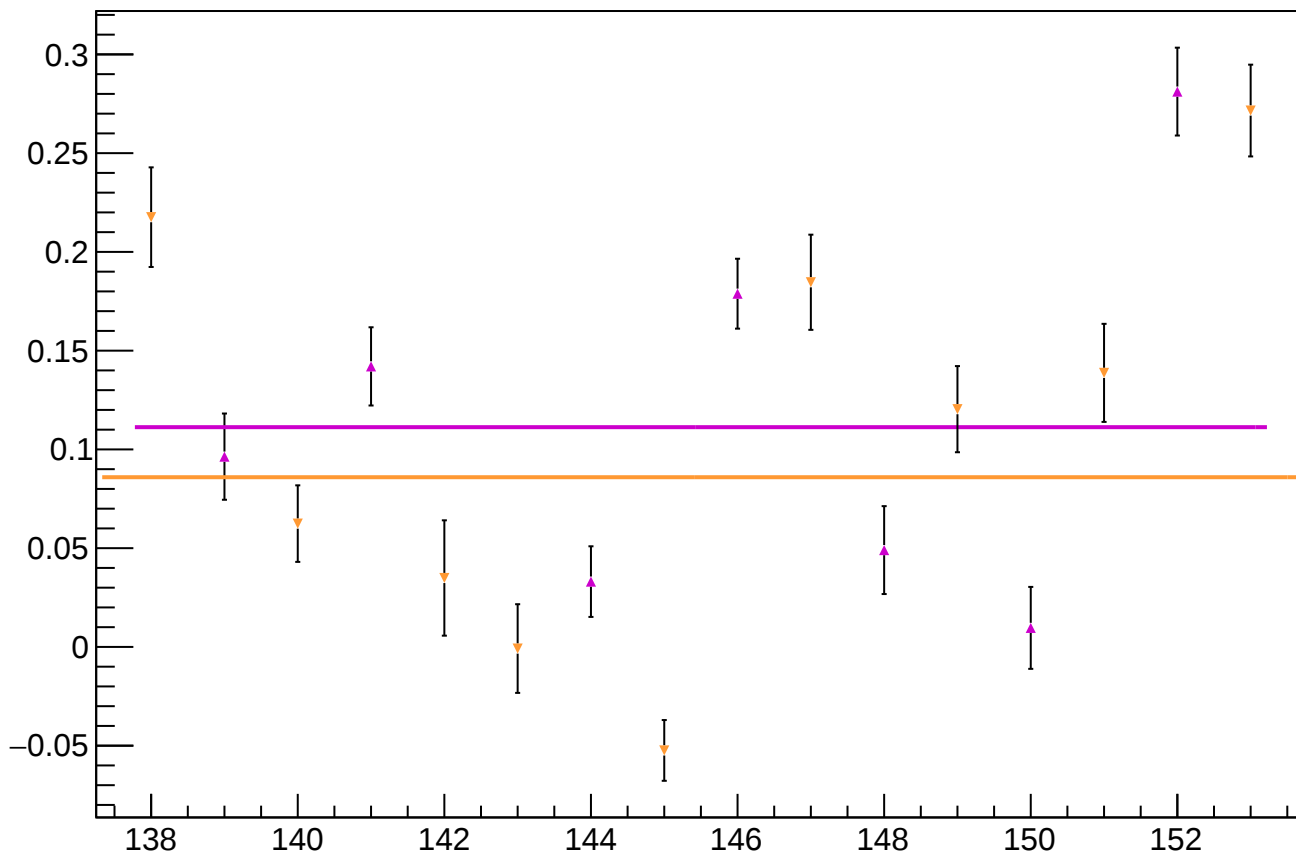
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

Left: -34.512+/-0.104 χ^2/NDF : 1908.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.863+/-0.150 χ^2/NDF :764.4/6
 Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 All: -34.512+/-0.104 χ^2/NDF : 1908.7/15

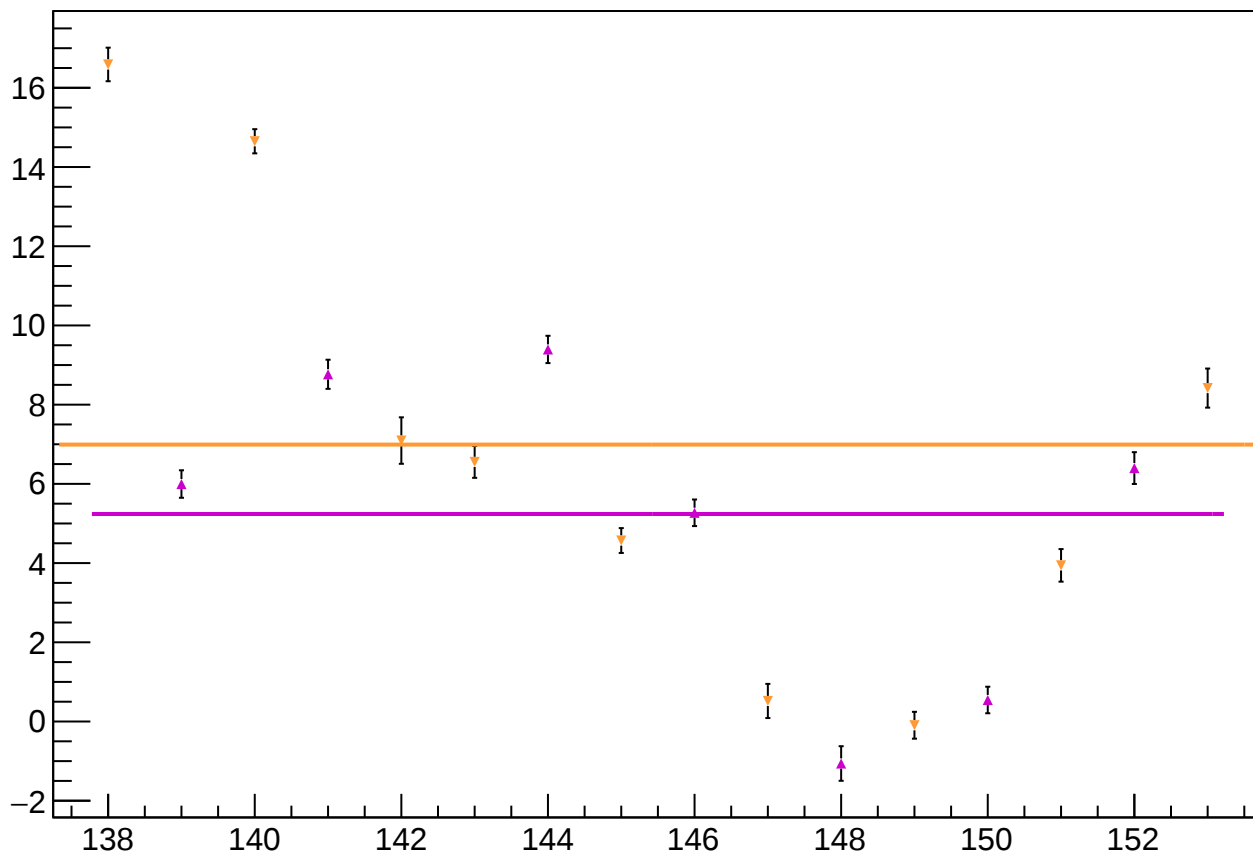
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

Left: 0.098 $\pm$ 0.005 χ^2 /NDF: 347.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6
 Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 All: 0.098 $\pm$ 0.005 χ^2 /NDF: 347.8/15

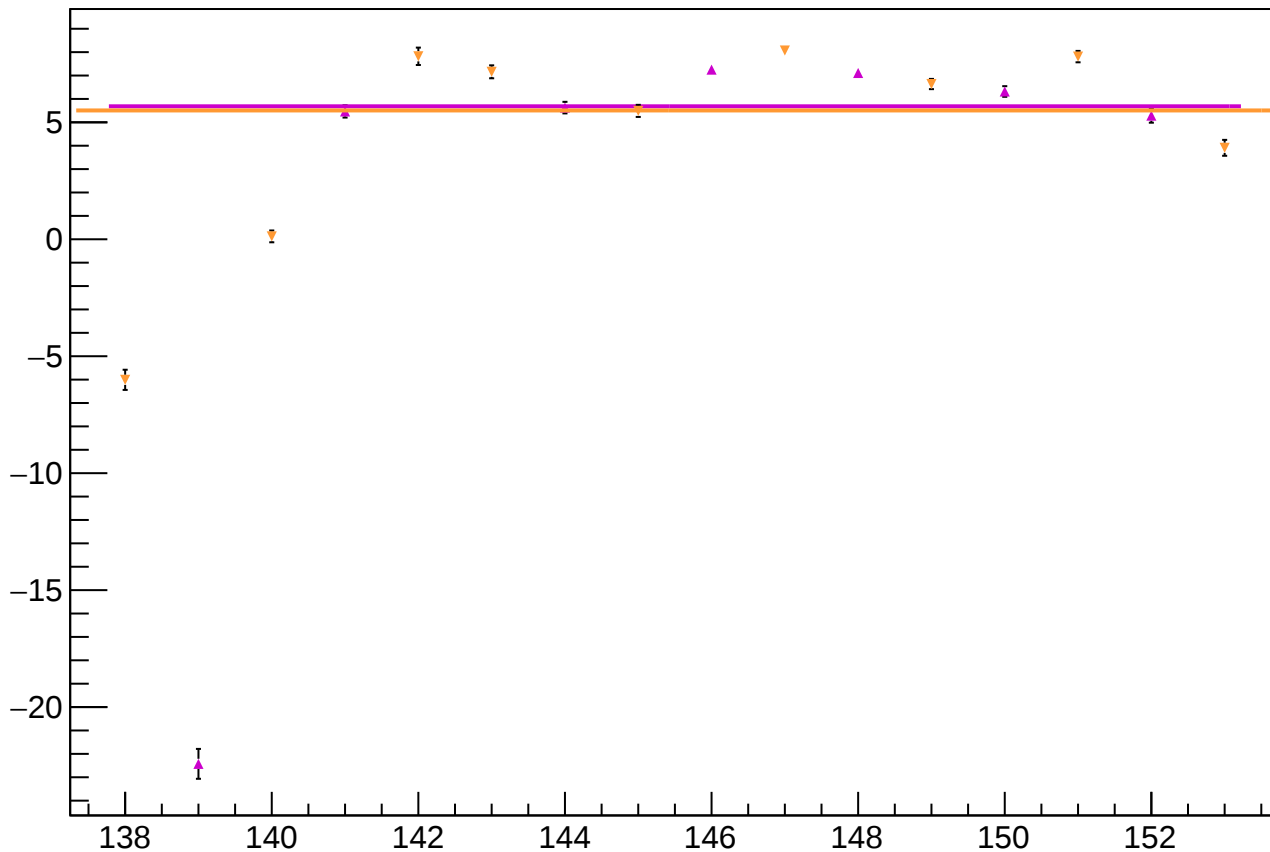
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.240+/-0.137 χ^2/NDF :655.2/6

Left: 6.164+/-0.094 χ^2/NDF : 2670.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.240+/-0.137 χ^2/NDF :655.2/6
 Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 All: 6.164+/-0.094 χ^2/NDF : 2670.5/15

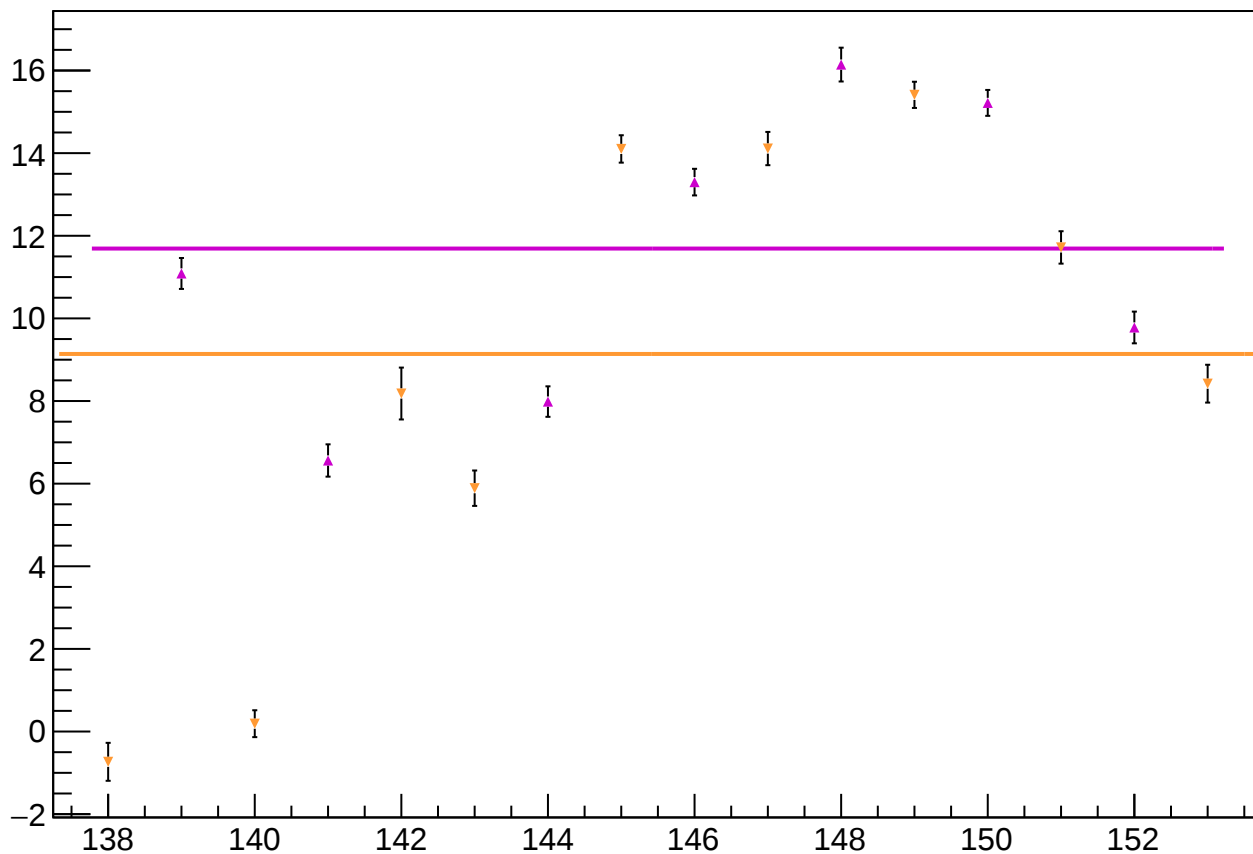
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6

Left: 5.589 $\pm$ 0.066 χ^2 /NDF: 3576.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6
 Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 All: 5.589 $\pm$ 0.066 χ^2 /NDF: 3576.4/15

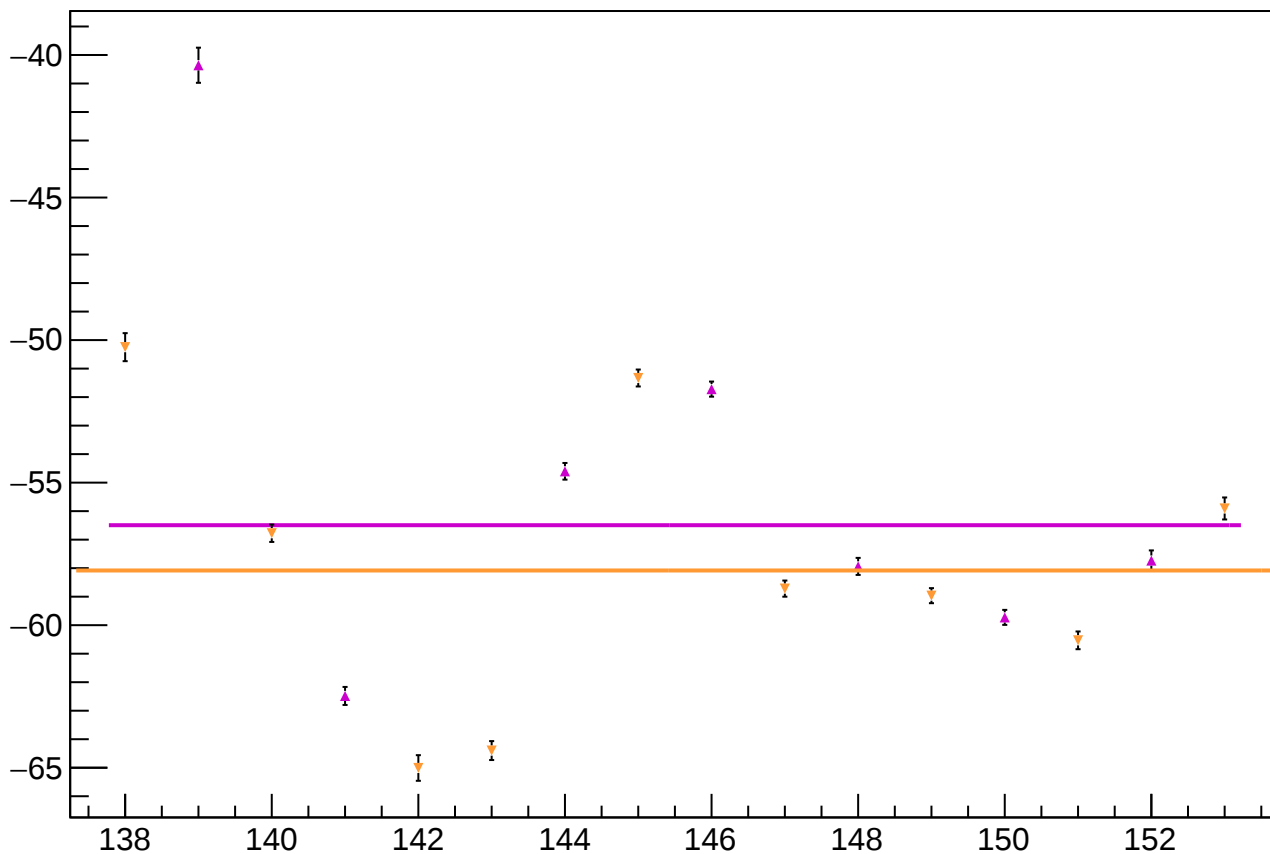
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.139 $\pm$ 0.131 χ^2 /NDF:2091.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6

Left: 10.357 $\pm$ 0.094 χ^2 /NDF: 2843.9/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6
 Out: 9.139 $\pm$ 0.131 χ^2 /NDF:2091.7/8
 All: 10.357 $\pm$ 0.094 χ^2 /NDF: 2843.9/15

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.081+/-0.109 χ^2/NDF :1498.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.348+/-0.080 χ^2/NDF : 3193.6/15

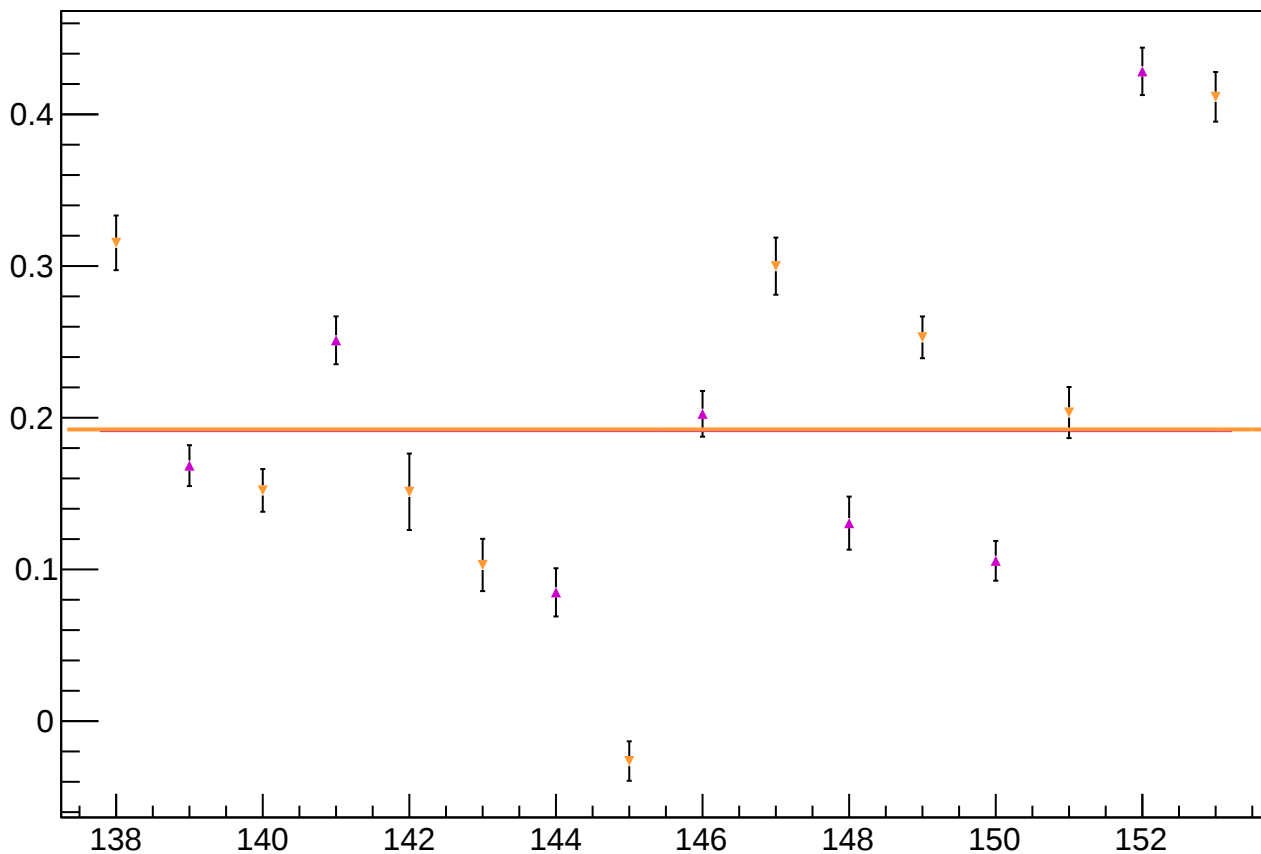
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Out: -58.081+/-0.109 χ^2/NDF :1498.0/8

All: -57.348+/-0.080 χ^2/NDF : 3193.6/15

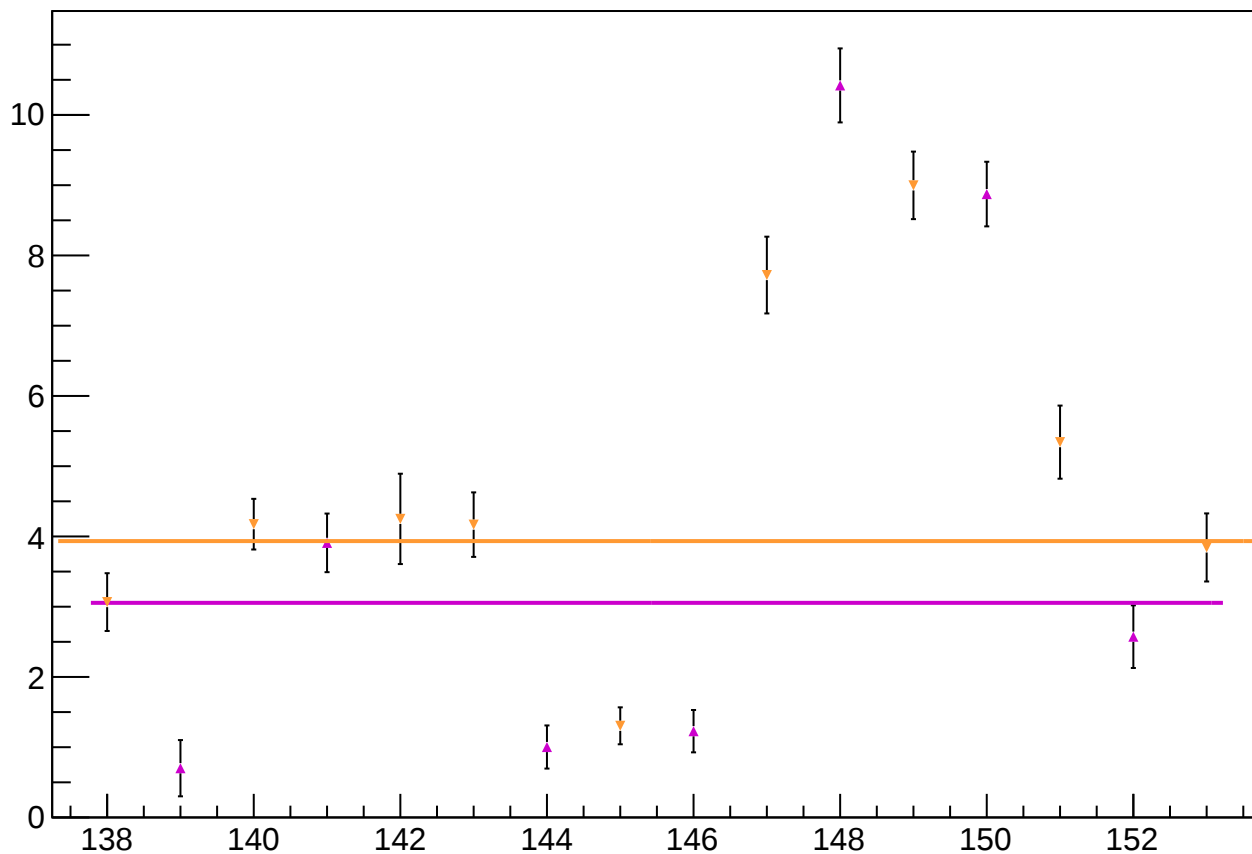
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

Left: 0.192 $\pm$ 0.004 χ^2 /NDF: 946.2/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6
 Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 All: 0.192 $\pm$ 0.004 χ^2 /NDF: 946.2/15

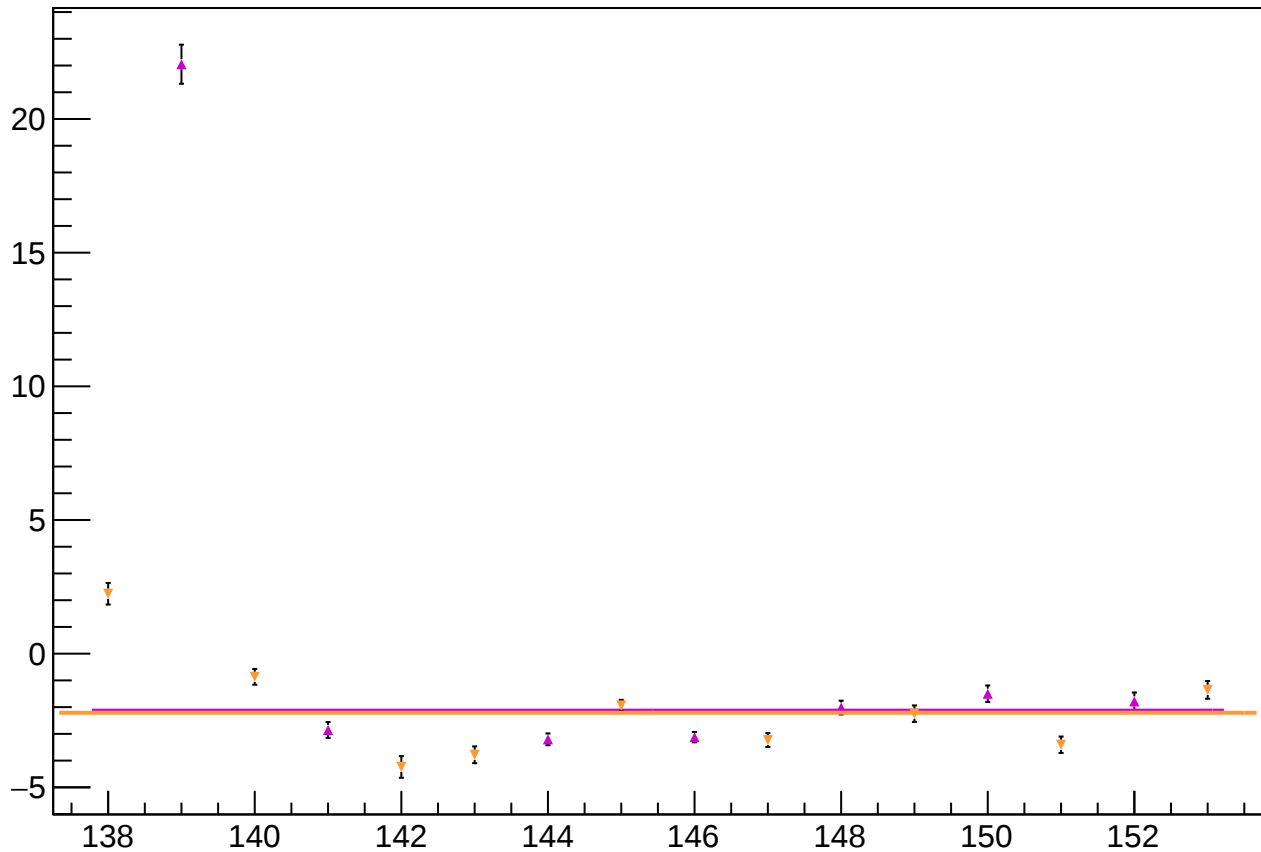
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

Left: 3.512 $\pm$ 0.101 χ^2 /NDF: 767.6/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6
 Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 All: 3.512 $\pm$ 0.101 χ^2 /NDF: 767.6/15

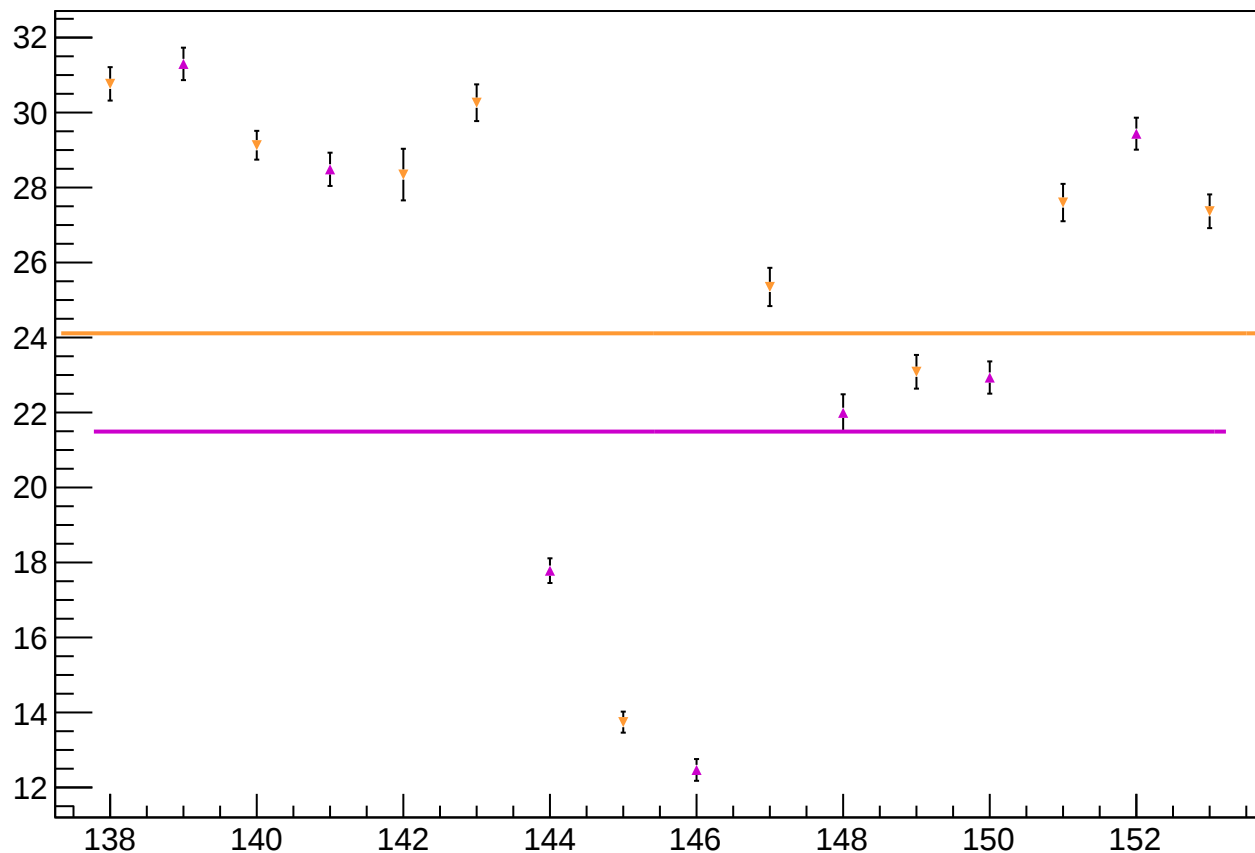
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.210+/-0.099 χ^2/NDF :230.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Left: -2.172+/-0.071 χ^2/NDF : 1386.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.132+/-0.103 χ^2/NDF :1155.3/6
 Out: -2.210+/-0.099 χ^2/NDF :230.9/8
 All: -2.172+/-0.071 χ^2/NDF : 1386.5/15

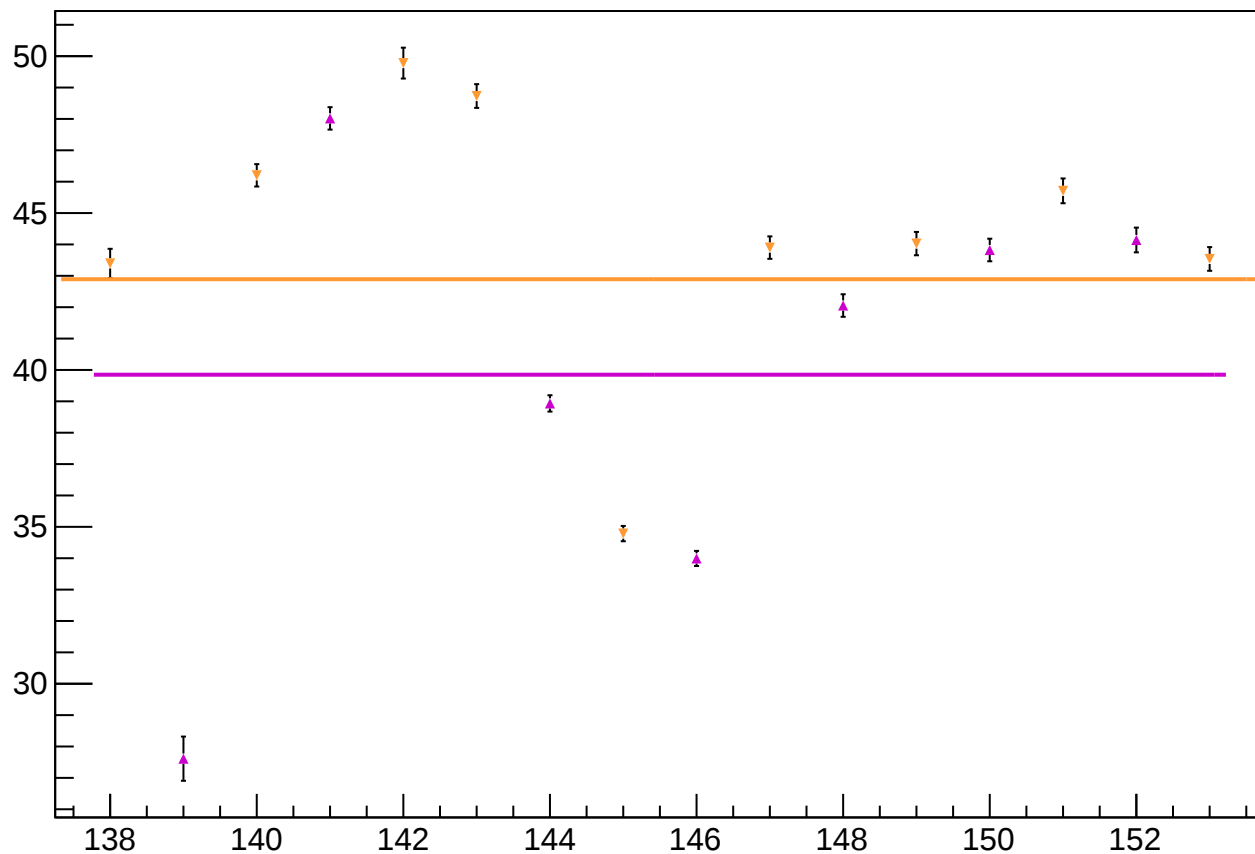
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 21.491 $\pm$ 0.147 χ^2 /NDF:2216.4/6

Left: 22.830 $\pm$ 0.103 χ^2 /NDF: 4449.5/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 21.491 $\pm$ 0.147 χ^2 /NDF:2216.4/6
 Out: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8
 All: 22.830 $\pm$ 0.103 χ^2 /NDF: 4449.5/15

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Left: 41.429+/-0.087 χ^2/NDF : 3710.0/15

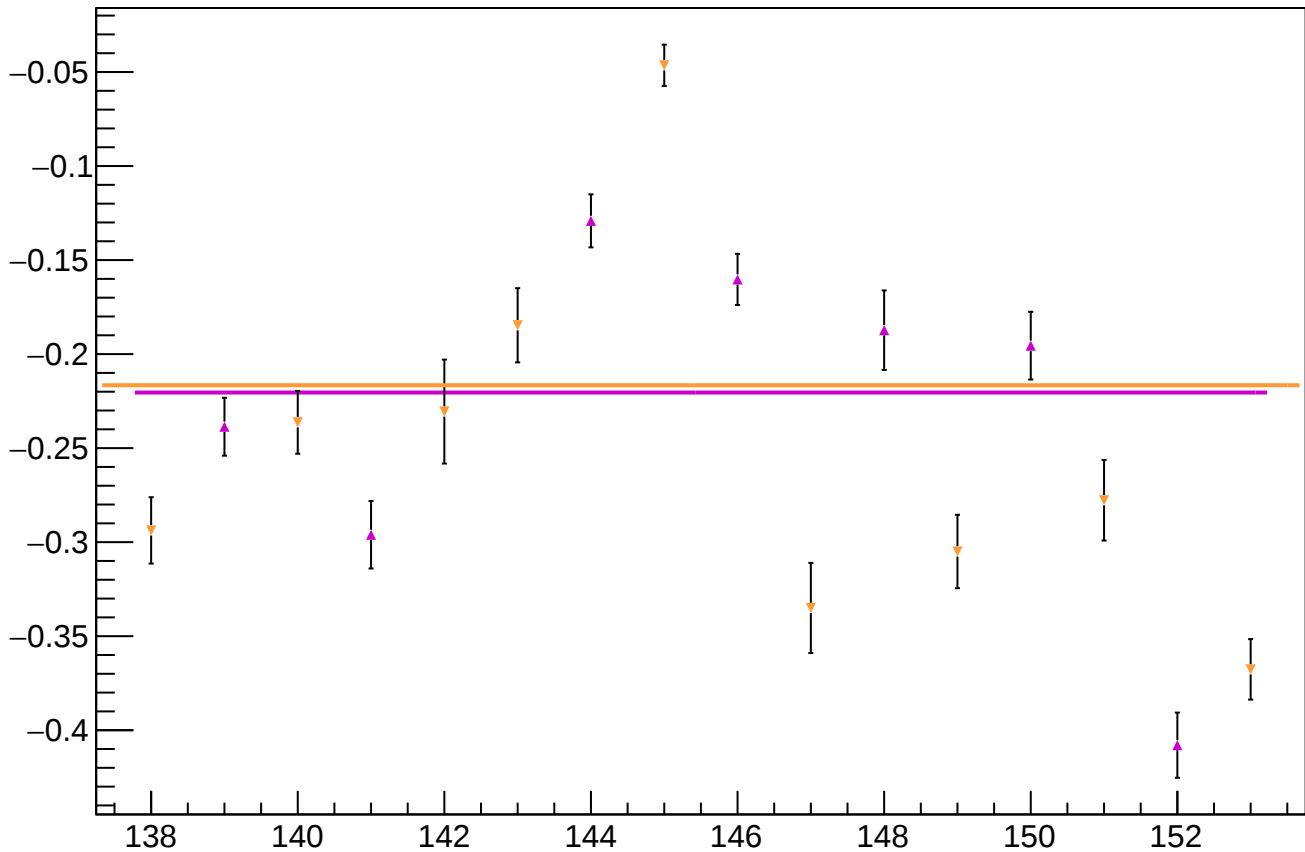
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

All: 41.429+/-0.087 χ^2/NDF : 3710.0/15

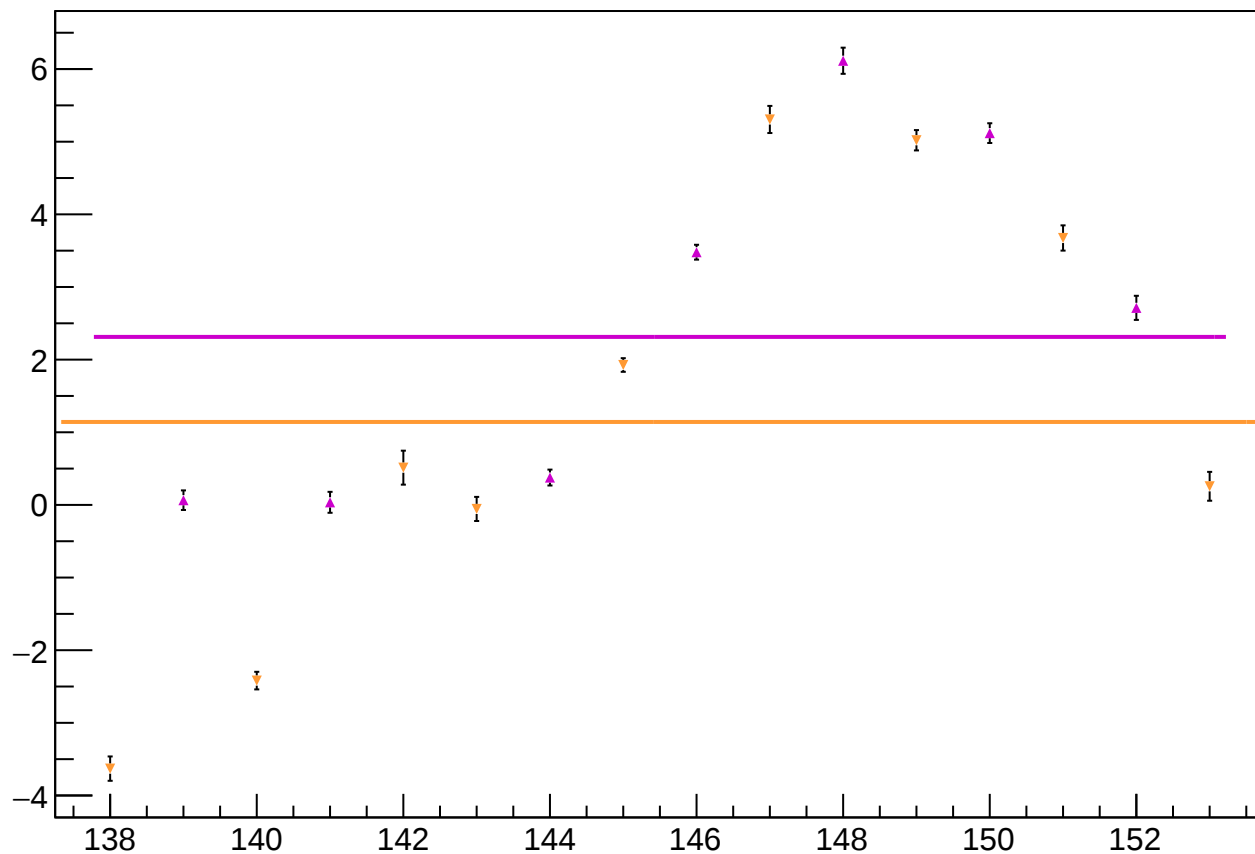
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.217 $\pm$ 0.006 χ^2 /NDF:404.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.220 $\pm$ 0.006 χ^2 /NDF:202.1/6

Left: -0.218 $\pm$ 0.004 χ^2 /NDF: 606.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.220 $\pm$ 0.006 χ^2 /NDF:202.1/6
 Out: -0.217 $\pm$ 0.006 χ^2 /NDF:404.5/8
 All: -0.218 $\pm$ 0.004 χ^2 /NDF: 606.8/15

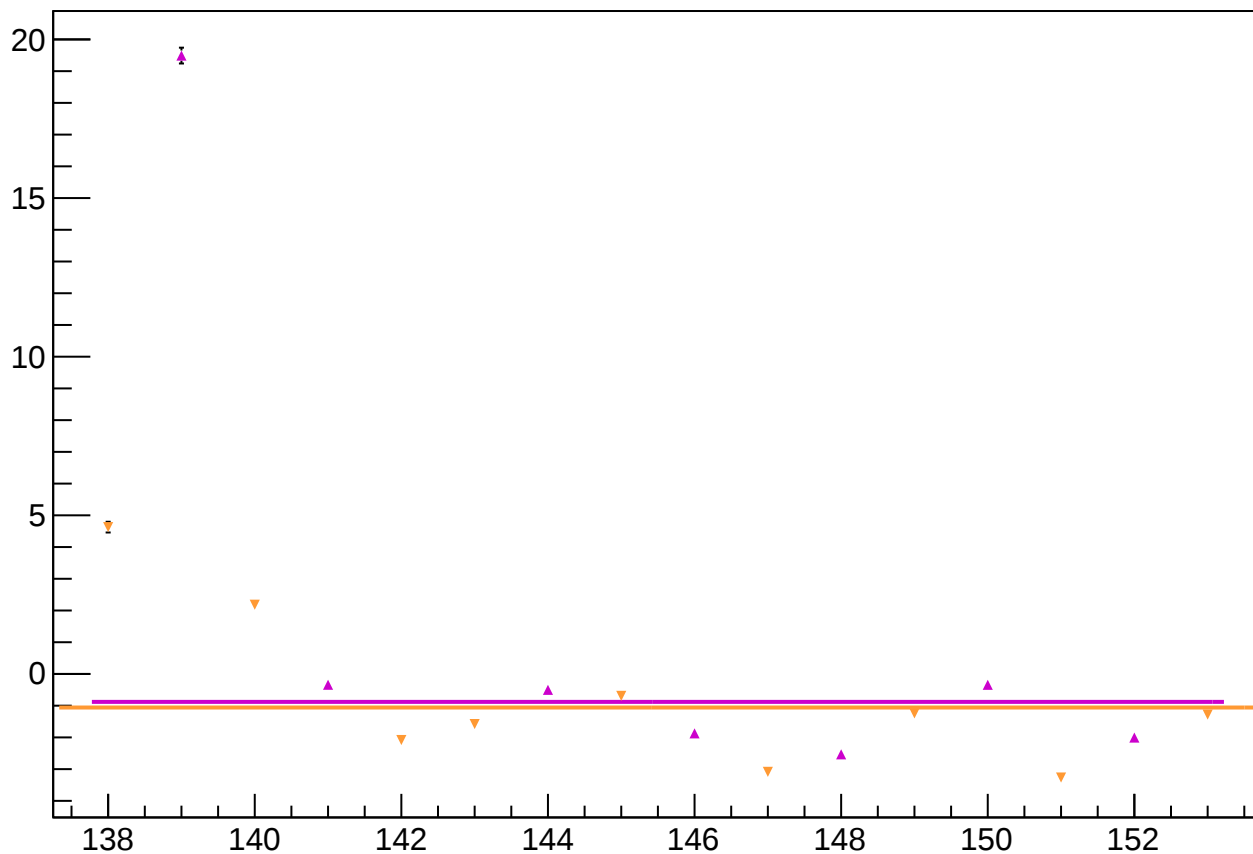
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6

Left: 1.723 $\pm$ 0.035 χ^2 /NDF: 5430.1/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6
 Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 All: 1.723 $\pm$ 0.035 χ^2 /NDF: 5430.1/15

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



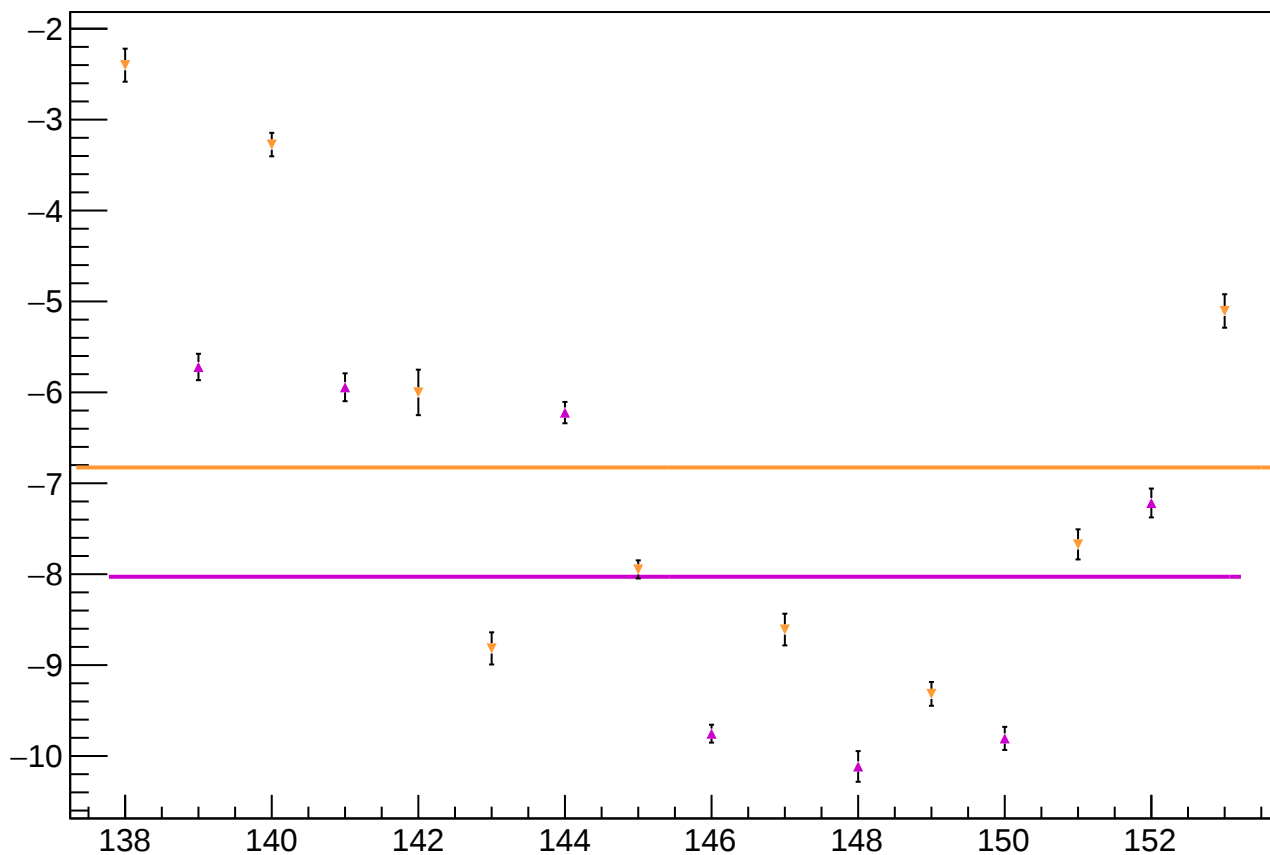
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Left: -0.970+/-0.025 χ^2/NDF : 10678.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6
 Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8

All: -0.970+/-0.025 χ^2/NDF : 10678.8/15

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Left: -7.432+/-0.035 χ^2/NDF : 3839.4/15

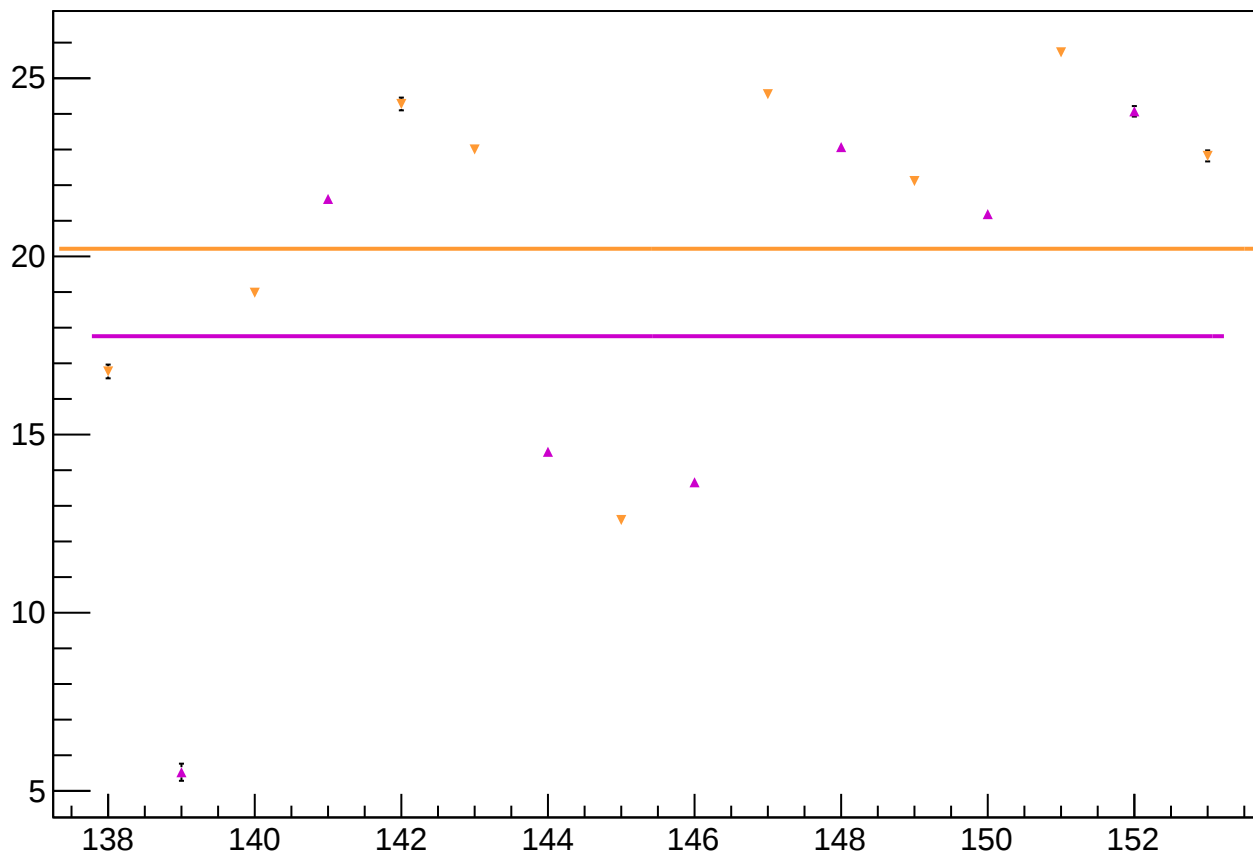
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Out: -6.826+/-0.050 χ^2/NDF :2195.2/8

All: -7.432+/-0.035 χ^2/NDF : 3839.4/15

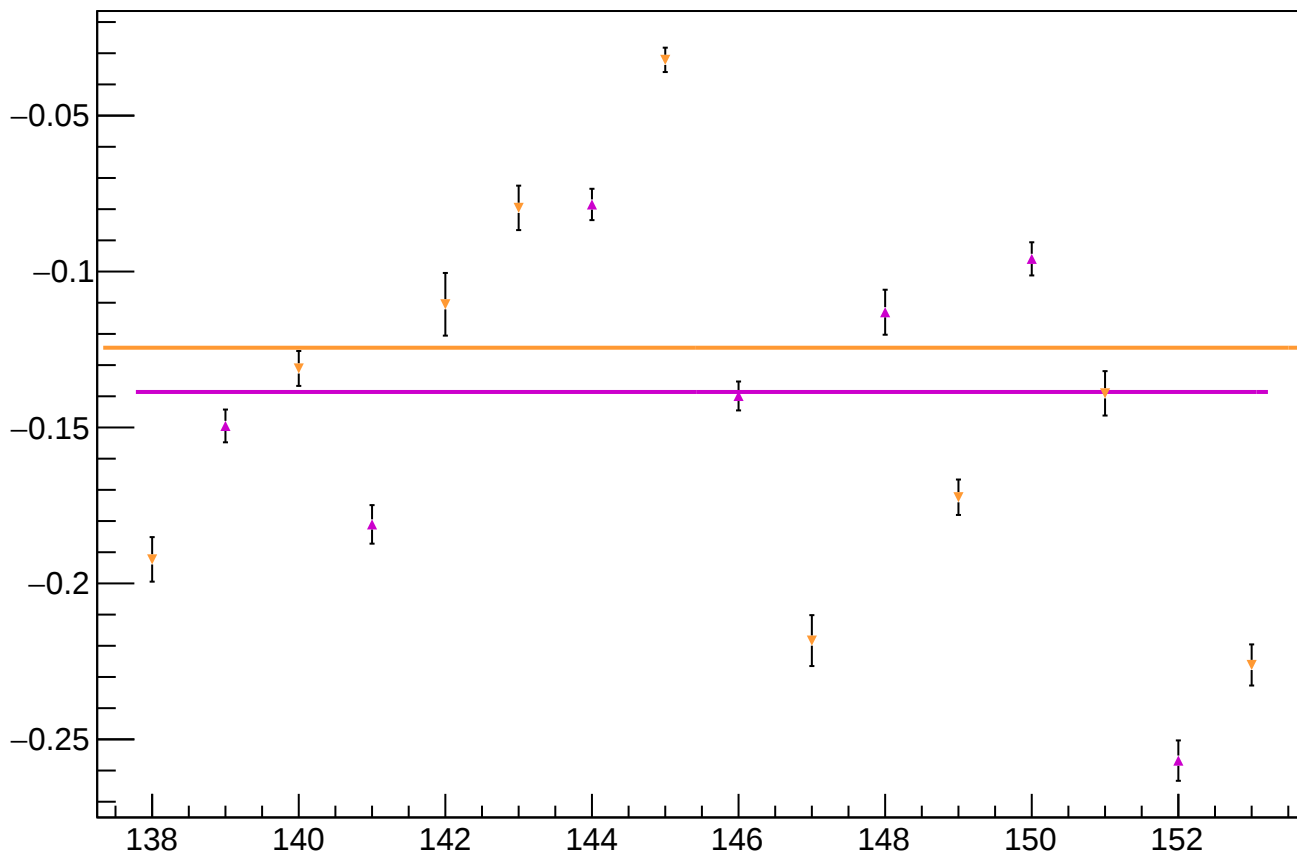
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.215 $\pm$ 0.042 χ^2 /NDF:12393.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 17.761 $\pm$ 0.043 χ^2 /NDF:11977.2/6

Left: 19.003 $\pm$ 0.030 χ^2 /NDF: 26033.9/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 17.761 $\pm$ 0.043 χ^2 /NDF:11977.2/6
 Out: 20.215 $\pm$ 0.042 χ^2 /NDF:12393.2/8
 All: 19.003 $\pm$ 0.030 χ^2 /NDF: 26033.9/15

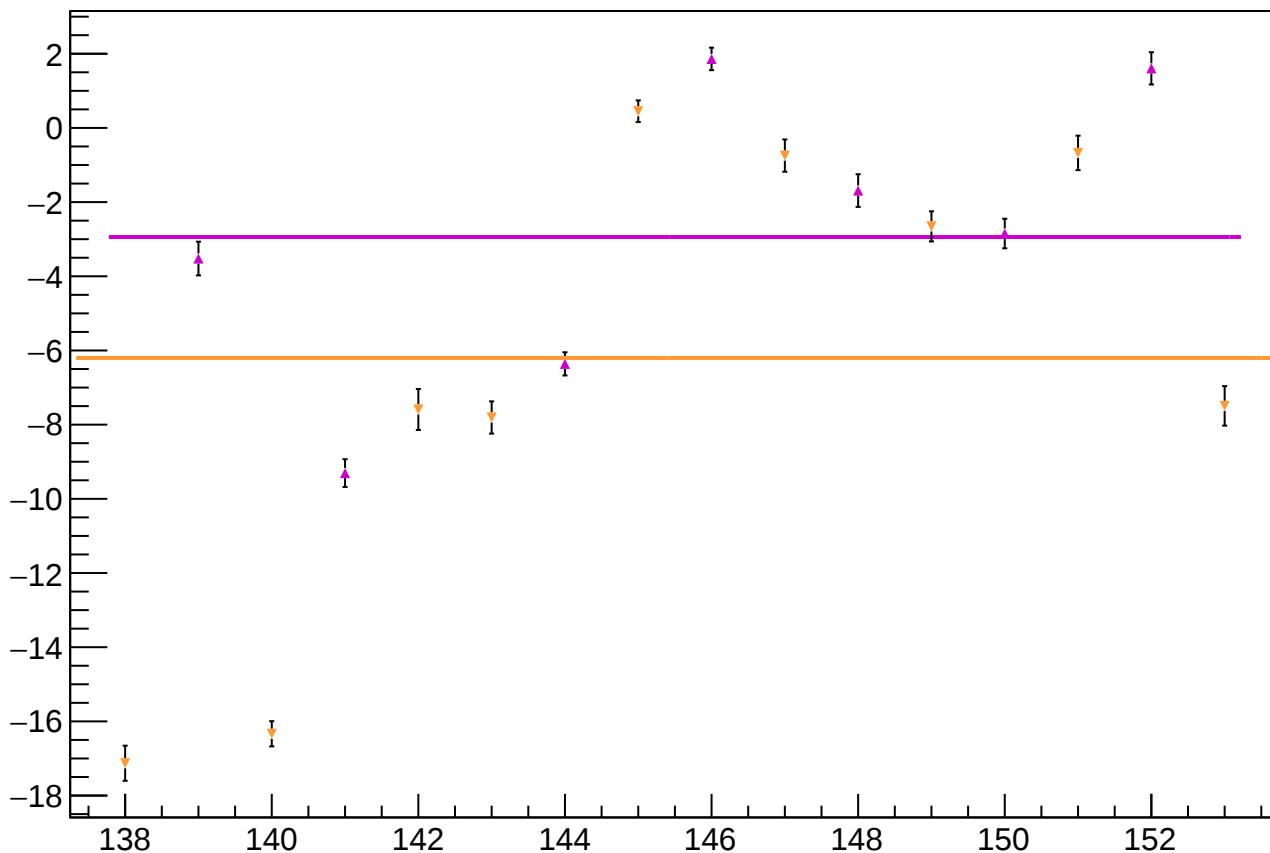
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.124+/-0.002 χ^2/NDF :1137.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.139+/-0.002 χ^2/NDF :605.4/6

Left: -0.131+/-0.001 χ^2/NDF : 1765.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.139+/-0.002 χ^2/NDF :605.4/6
 Out: -0.124+/-0.002 χ^2/NDF :1137.0/8
 All: -0.131+/-0.001 χ^2/NDF : 1765.7/15

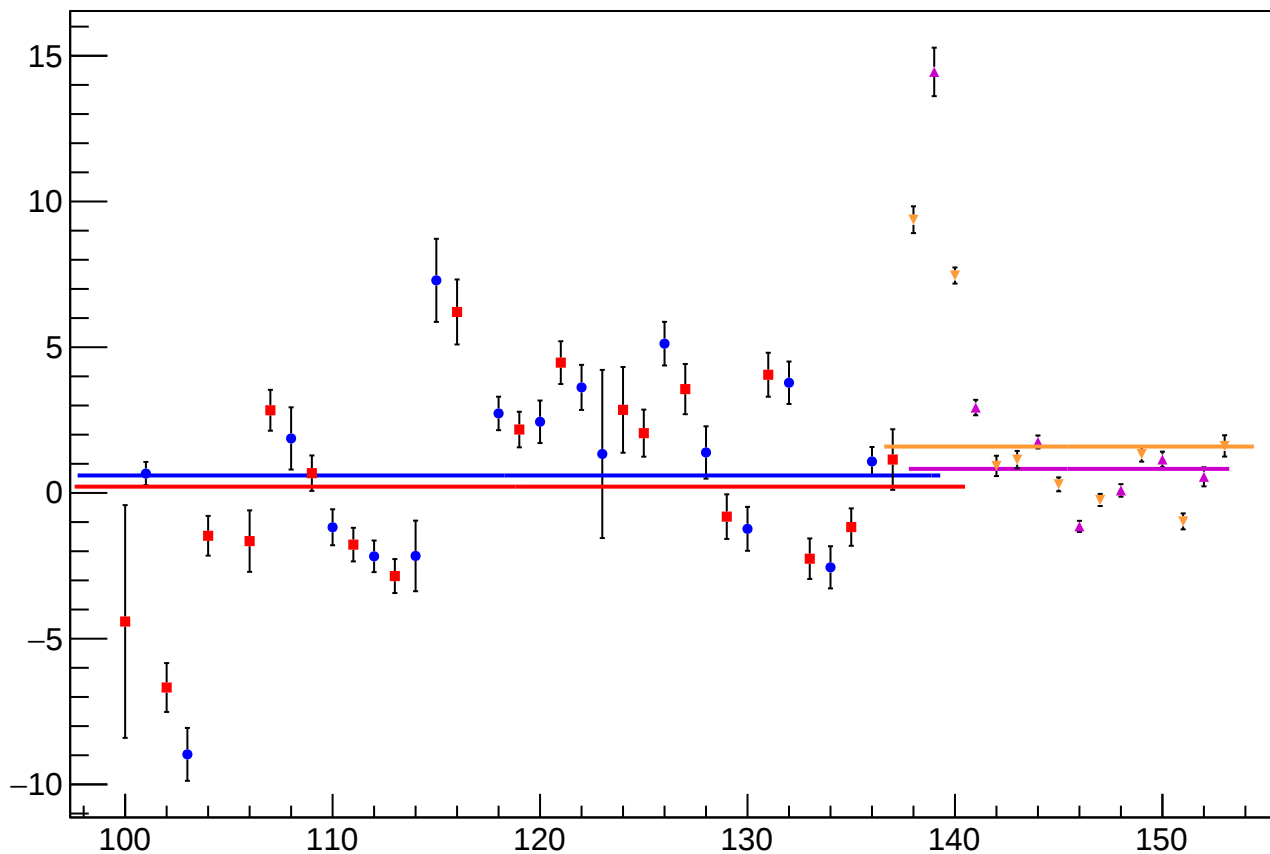
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.202+/-0.138 χ^2/NDF :2340.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.941+/-0.142 χ^2/NDF :778.7/6

Left: -4.620+/-0.099 χ^2/NDF : 3391.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.941+/-0.142 χ^2/NDF :778.7/6
 Out: -6.202+/-0.138 χ^2/NDF :2340.2/8
 All: -4.620+/-0.099 χ^2/NDF : 3391.6/15

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.591 ± 0.094 $\chi^2/\text{NDF}: 940.7/8$

Right Out: 0.216 ± 0.175 $\chi^2/\text{NDF}: 274.5/18$

Left In: 0.826 ± 0.096 $\chi^2/\text{NDF}: 469.1/6$

Left: 1.218 ± 0.067 $\chi^2/\text{NDF}: 1442.3/15$

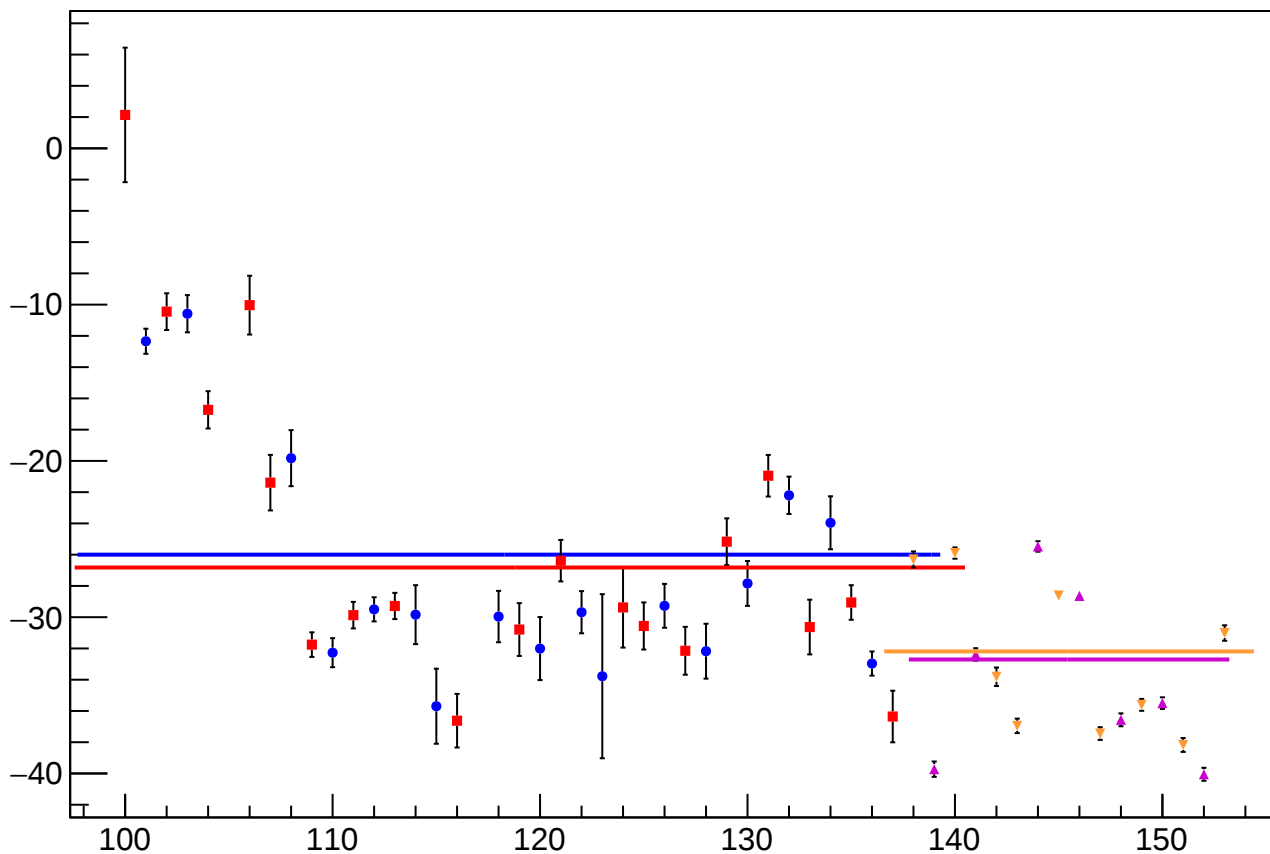
Right: 0.414 ± 0.122 $\chi^2/\text{NDF}: 568.9/35$

In: 0.770 ± 0.084 $\chi^2/\text{NDF}: 762.4/23$

Out: 1.283 ± 0.083 $\chi^2/\text{NDF}: 1263.4/27$

All: 1.030 ± 0.059 $\chi^2/\text{NDF}: 2044.8/51$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.190 ± 0.139 χ^2/NDF : 1115.8/8

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

Left: -32.444 ± 0.099 χ^2/NDF : 2442.4/15

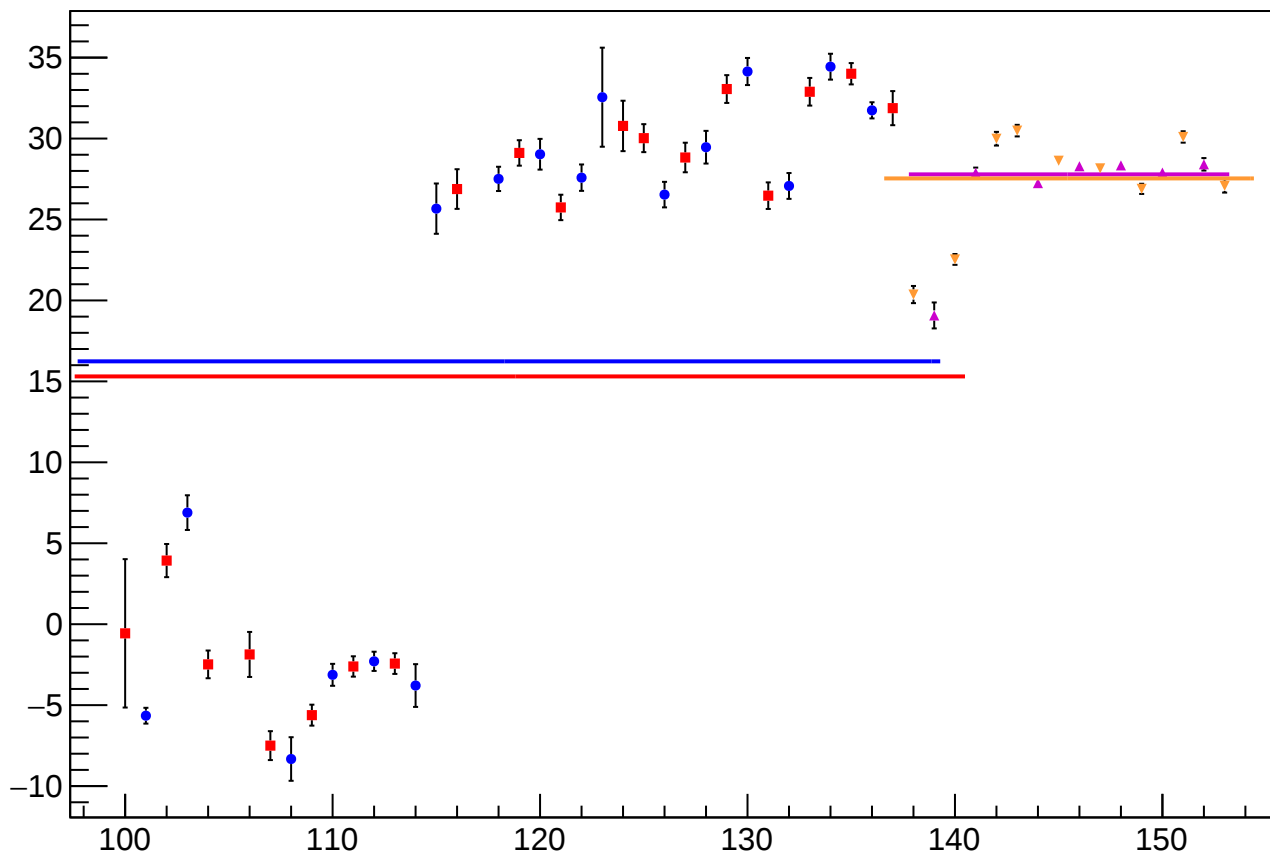
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.487 ± 0.128 χ^2/NDF : 2421.3/23

Out: -31.224 ± 0.126 χ^2/NDF : 1963.8/27

All: -31.354 ± 0.090 χ^2/NDF : 4387.2/51

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.537 $\pm$ 0.115 χ^2 /NDF: 588.0/8

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.787 $\pm$ 0.118 χ^2 /NDF: 133.0/6

Left: 27.658 $\pm$ 0.083 χ^2 /NDF: 723.3/15

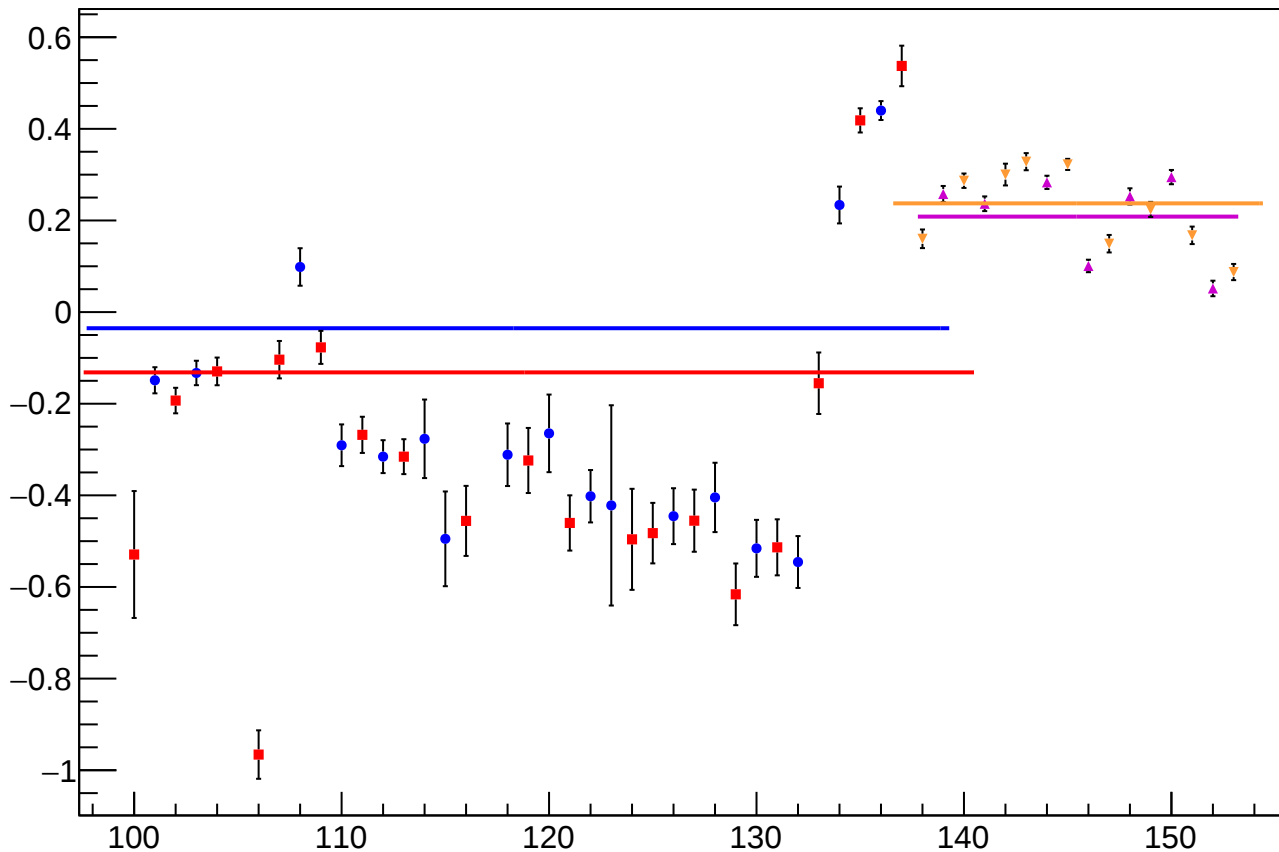
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.589 $\pm$ 0.101 χ^2 /NDF: 10346.5/23

Out: 24.421 $\pm$ 0.099 χ^2 /NDF: 10733.3/27

All: 24.504 $\pm$ 0.071 χ^2 /NDF: 21081.2/51

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.237 ± 0.006 χ^2/NDF : 211.3/8

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.208 ± 0.006 χ^2/NDF : 222.1/6

Left: 0.223 ± 0.004 χ^2/NDF : 445.6/15

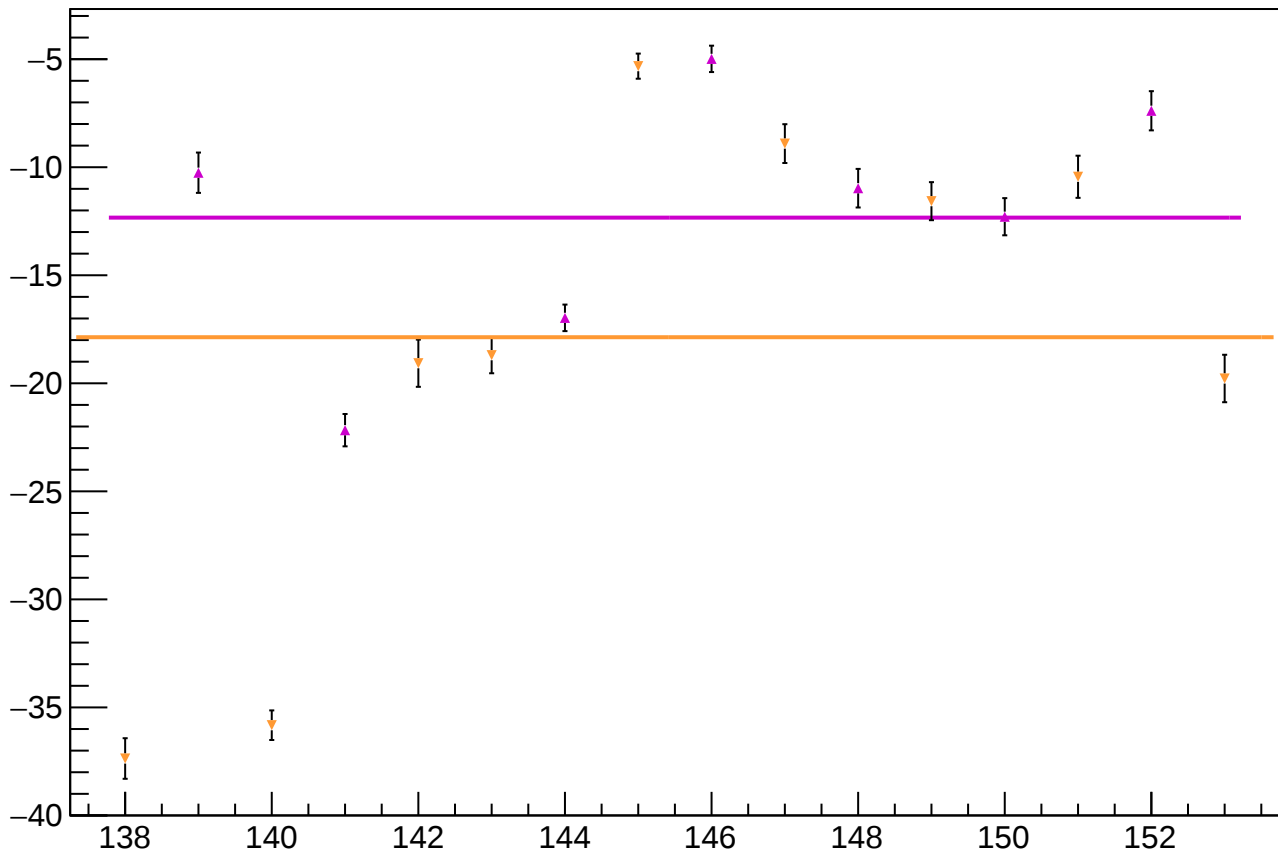
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.147 ± 0.005 χ^2/NDF : 1653.1/23

Out: 0.150 ± 0.005 χ^2/NDF : 2350.5/27

All: 0.149 ± 0.004 χ^2/NDF : 4003.9/51

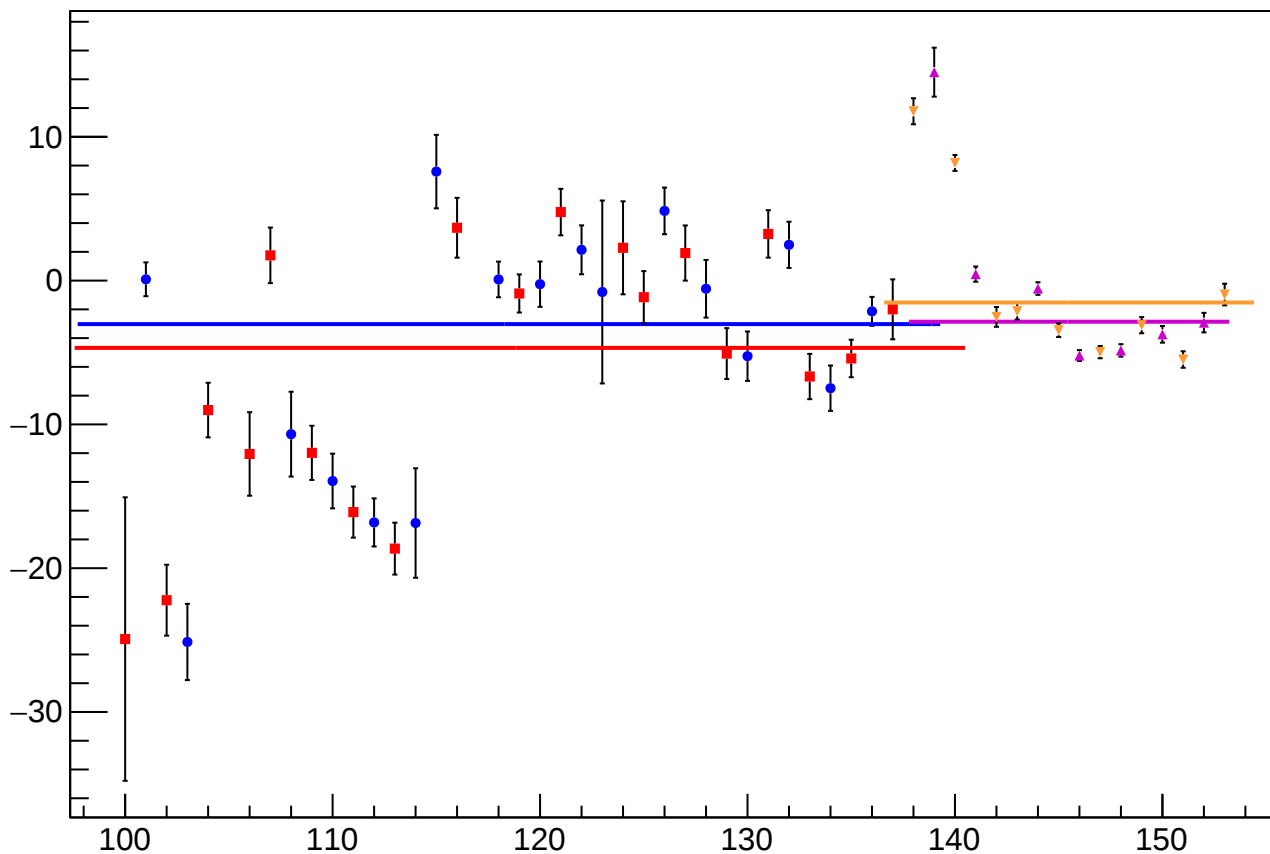
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.868+/-0.278 χ^2/NDF :1797.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.333+/-0.288 χ^2/NDF :411.7/6

Left: -15.190+/-0.200 χ^2/NDF : 2400.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.333+/-0.288 χ^2/NDF :411.7/6
 Out: -17.868+/-0.278 χ^2/NDF :1797.7/8
 All: -15.190+/-0.200 χ^2/NDF : 2400.6/15

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.523 ± 0.190 χ^2/NDF : 662.6/8

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

Left: -2.179 ± 0.136 χ^2/NDF : 919.6/15

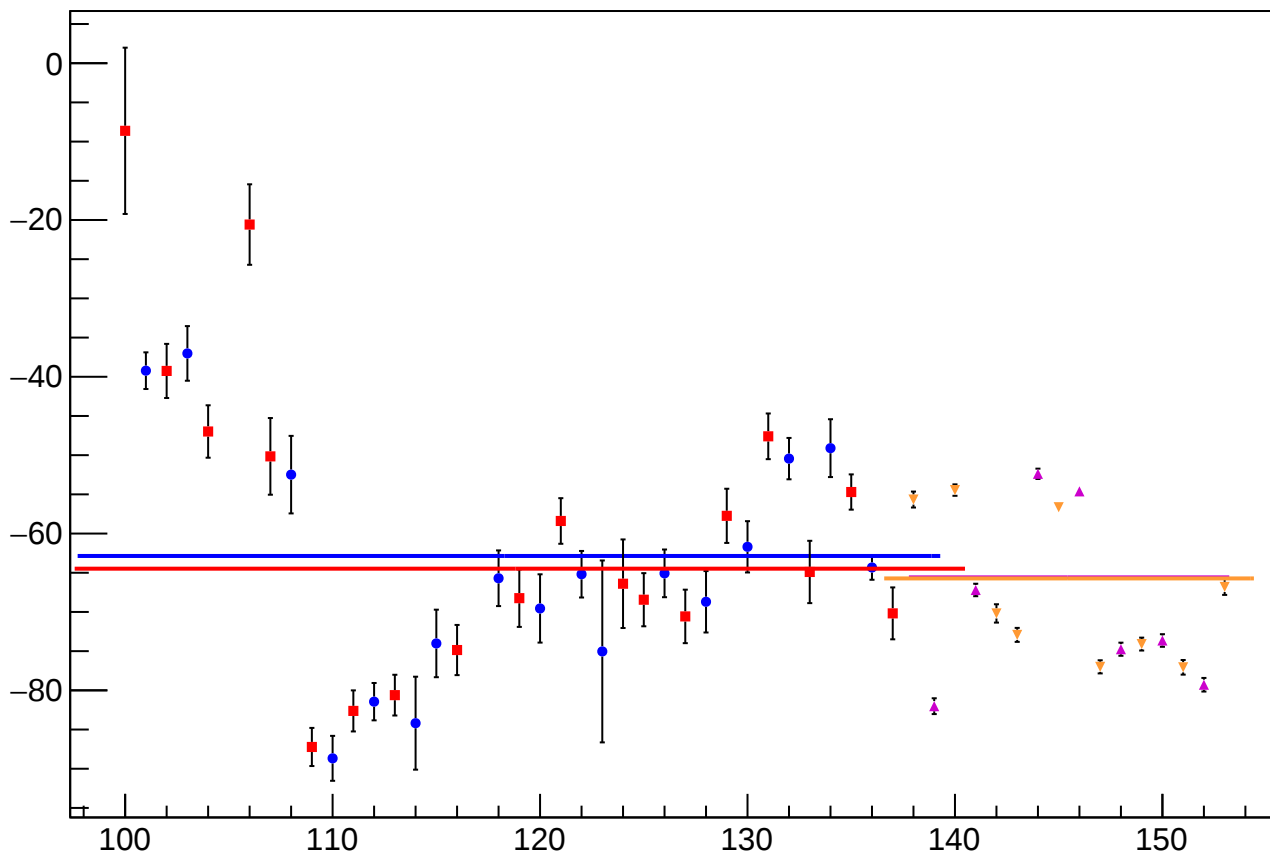
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.890 ± 0.175 χ^2/NDF : 513.6/23

Out: -2.048 ± 0.174 χ^2/NDF : 1007.4/27

All: -2.466 ± 0.123 χ^2/NDF : 1532.6/51

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -65.724 ± 0.283 $\chi^2/\text{NDF}: 1066.2/8$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -65.589 ± 0.288 $\chi^2/\text{NDF}: 1491.8/6$

Left: -65.657 ± 0.202 $\chi^2/\text{NDF}: 2558.1/15$

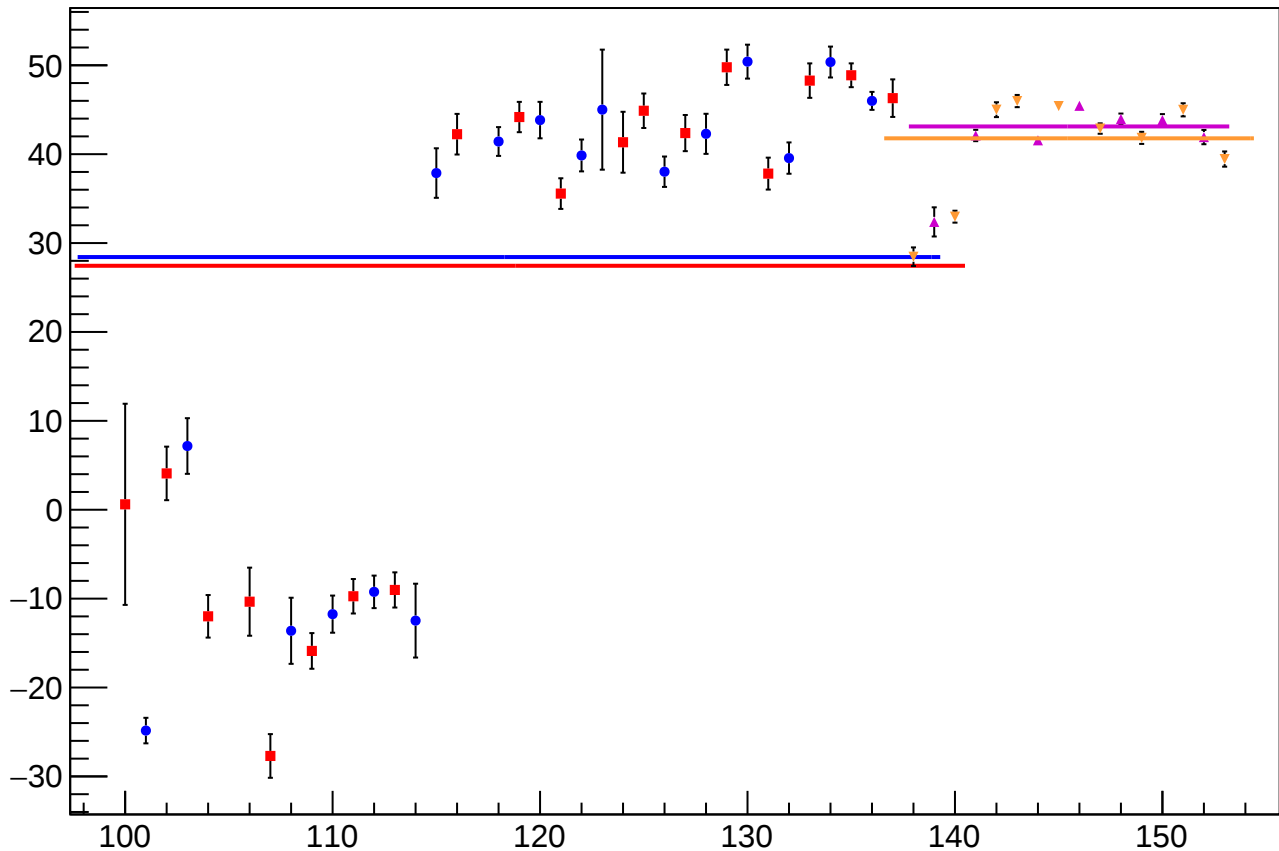
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -65.229 ± 0.268 $\chi^2/\text{NDF}: 1871.4/23$

Out: -65.569 ± 0.265 $\chi^2/\text{NDF}: 1512.6/27$

All: -65.401 ± 0.188 $\chi^2/\text{NDF}: 3384.8/51$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.782 $\pm$ 0.234 χ^2 /NDF: 459.8/8

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 43.118 $\pm$ 0.240 χ^2 /NDF: 83.5/6

Left: 42.434 $\pm$ 0.167 χ^2 /NDF: 559.2/15

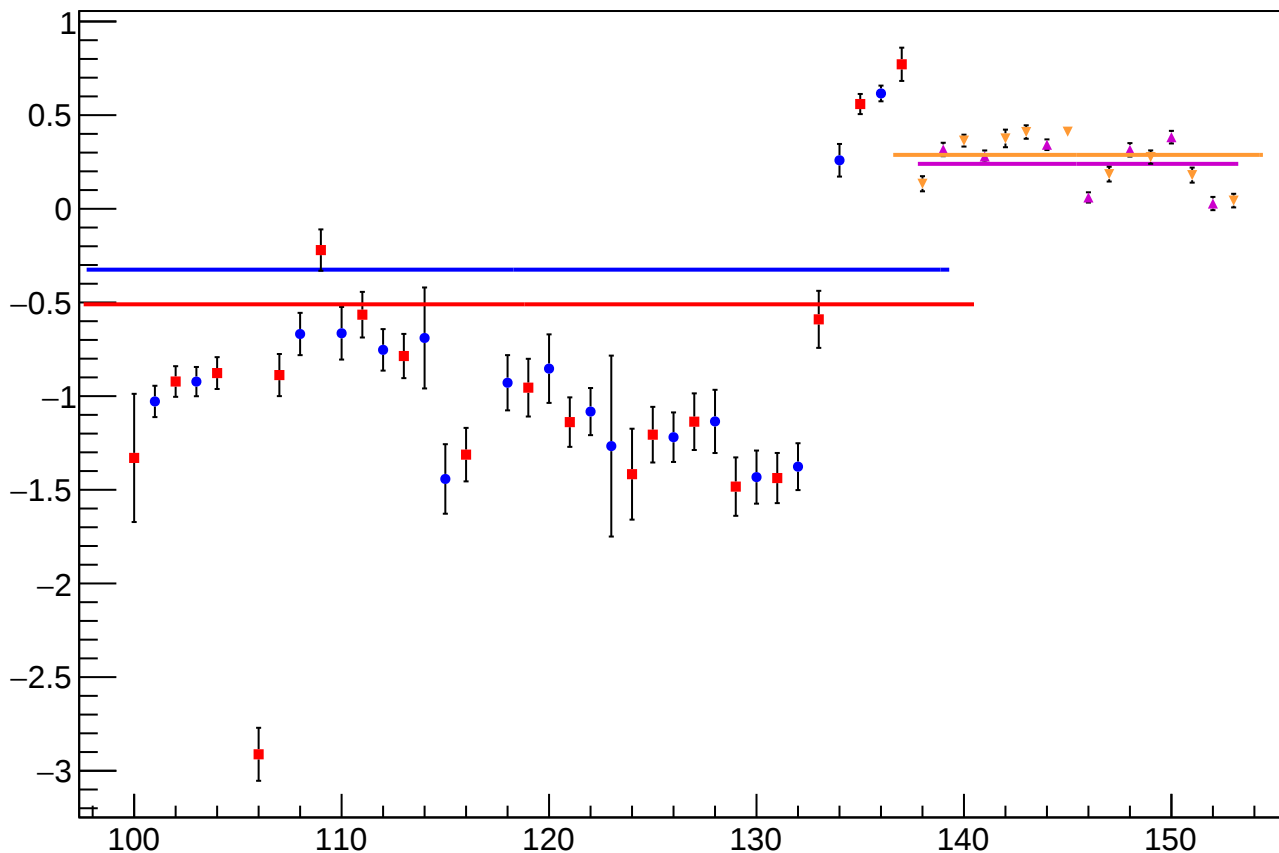
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.958 $\pm$ 0.212 χ^2 /NDF: 4214.4/23

Out: 39.016 $\pm$ 0.210 χ^2 /NDF: 4218.4/27

All: 39.482 $\pm$ 0.149 χ^2 /NDF: 8442.7/51

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.288 ± 0.012 χ^2/NDF : 120.5/8

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

Left: 0.265 ± 0.008 χ^2/NDF : 248.4/15

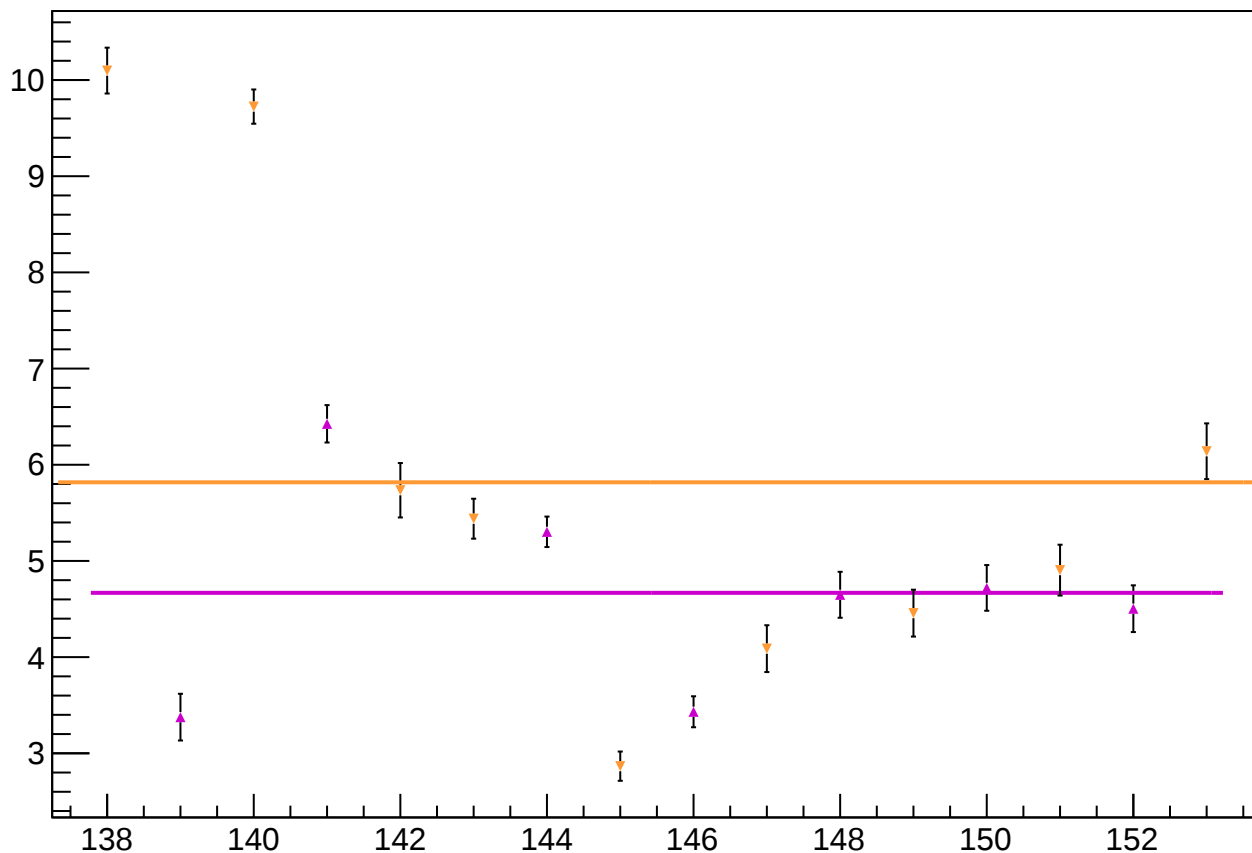
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.131 ± 0.011 χ^2/NDF : 1546.5/23

Out: 0.151 ± 0.011 χ^2/NDF : 2088.4/27

All: 0.142 ± 0.008 χ^2/NDF : 3636.7/51

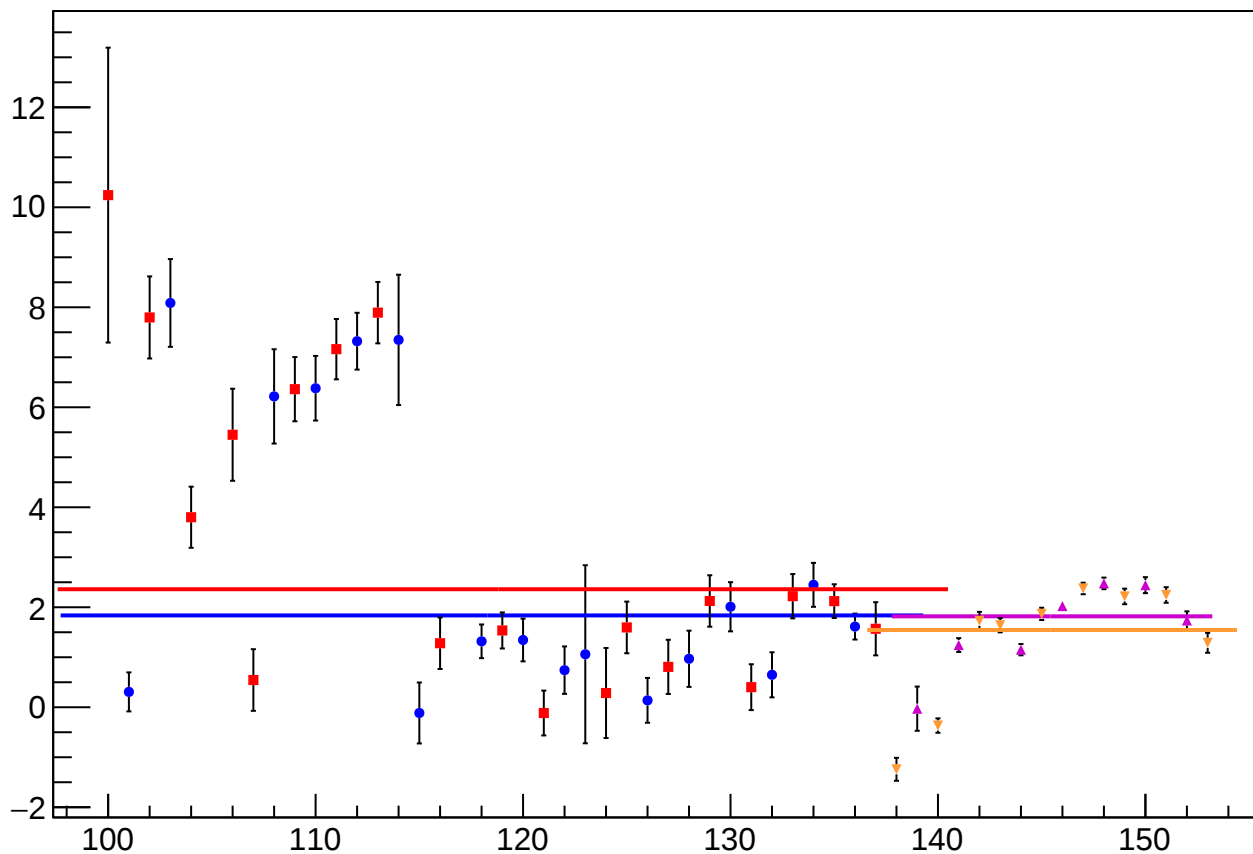
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.076 χ^2/NDF :185.5/6

Left: 5.265+/-0.053 χ^2/NDF : 1583.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.076 χ^2/NDF :185.5/6
 Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 All: 5.265+/-0.053 χ^2/NDF : 1583.4/15

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.545 ± 0.050 $\chi^2/\text{NDF}: 423.8/8$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 1.819 ± 0.051 $\chi^2/\text{NDF}: 121.8/6$

Left: 1.679 ± 0.036 $\chi^2/\text{NDF}: 560.2/15$

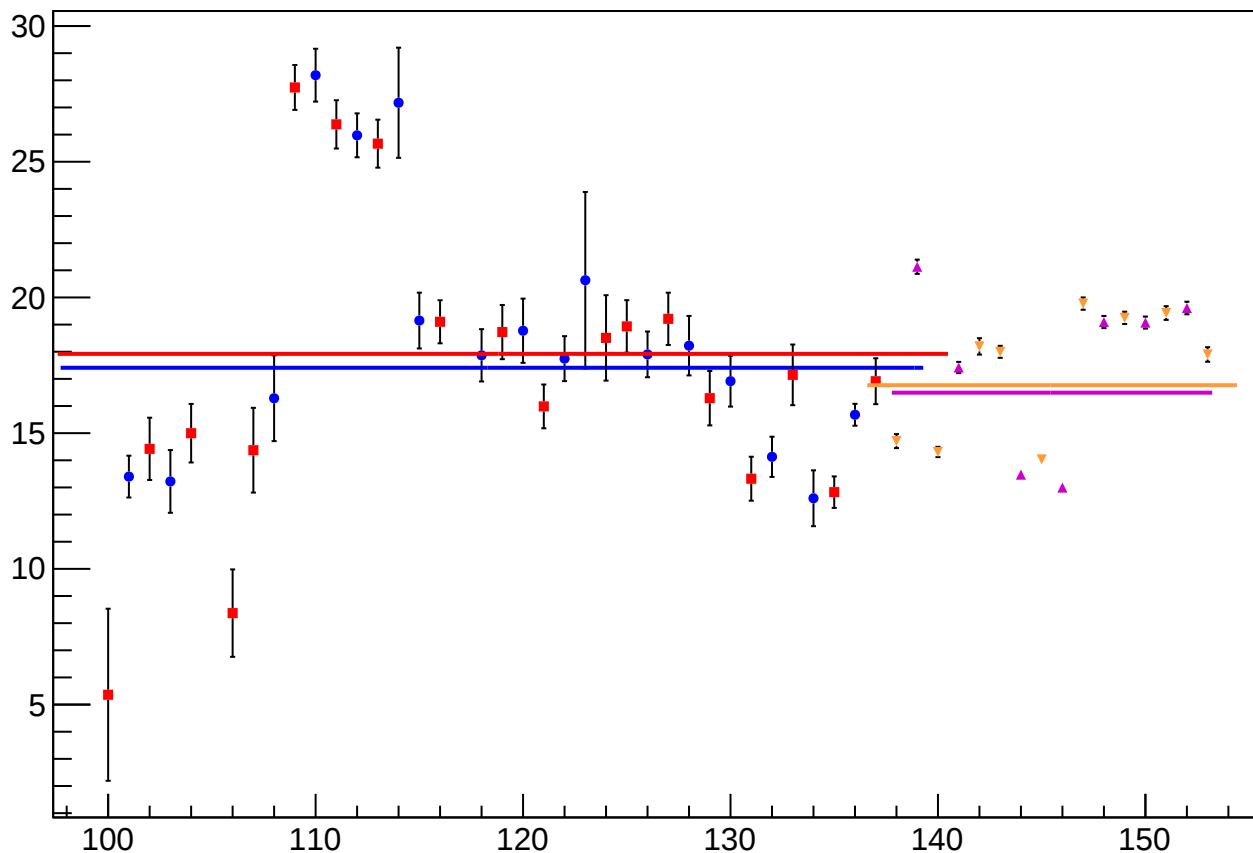
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 1.822 ± 0.047 $\chi^2/\text{NDF}: 415.9/23$

Out: 1.662 ± 0.046 $\chi^2/\text{NDF}: 798.7/27$

All: 1.741 ± 0.033 $\chi^2/\text{NDF}: 1220.5/51$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.767 $\pm$ 0.074 χ^2 /NDF:993.1/8

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.492 $\pm$ 0.076 χ^2 /NDF:1610.7/6

Left: 16.632 $\pm$ 0.053 χ^2 /NDF: 2610.4/15

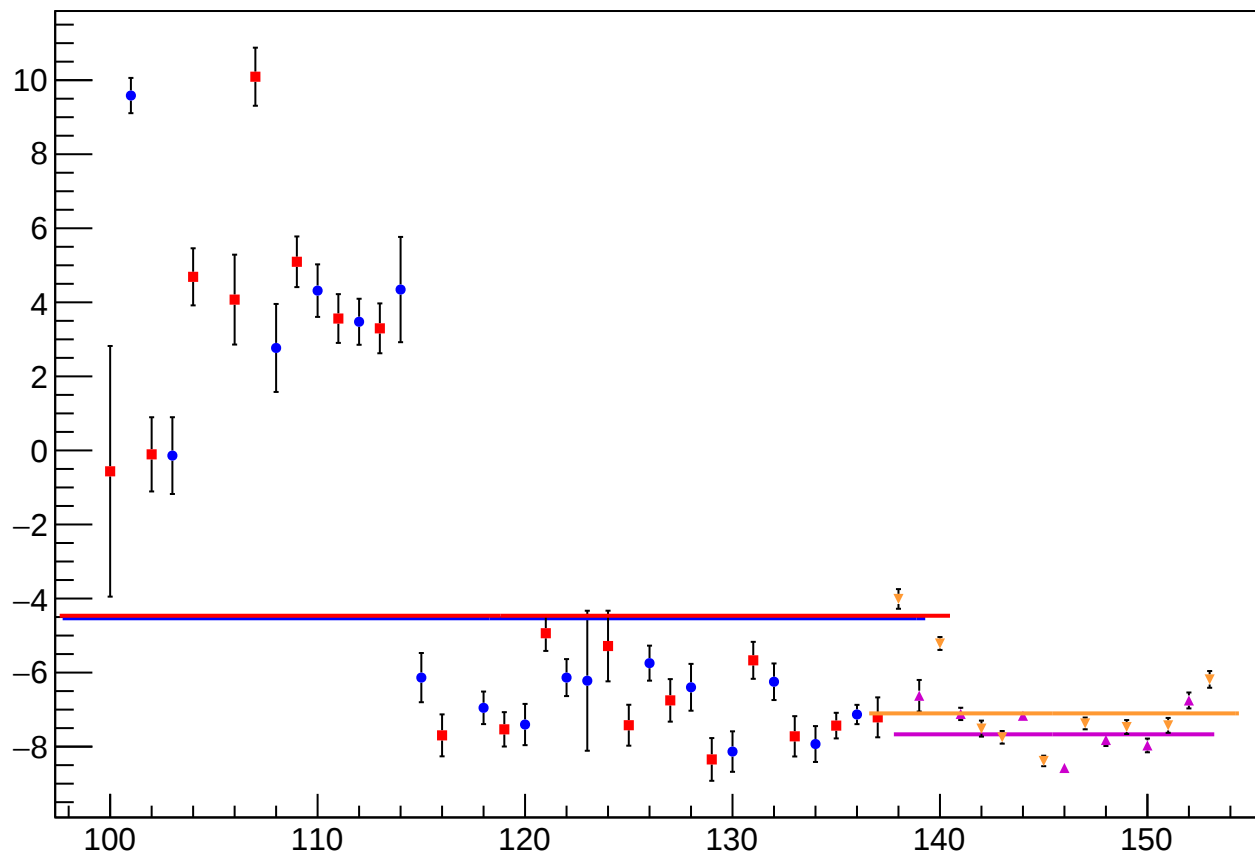
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.596 $\pm$ 0.072 χ^2 /NDF:1992.4/23

Out: 16.886 $\pm$ 0.070 χ^2 /NDF:1524.5/27

All: 16.743 $\pm$ 0.050 χ^2 /NDF: 3525.3/51

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.102 ± 0.061 χ^2/NDF : 378.1/8

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.668 ± 0.063 χ^2/NDF : 106.2/6

Left: -7.377 ± 0.044 χ^2/NDF : 525.4/15

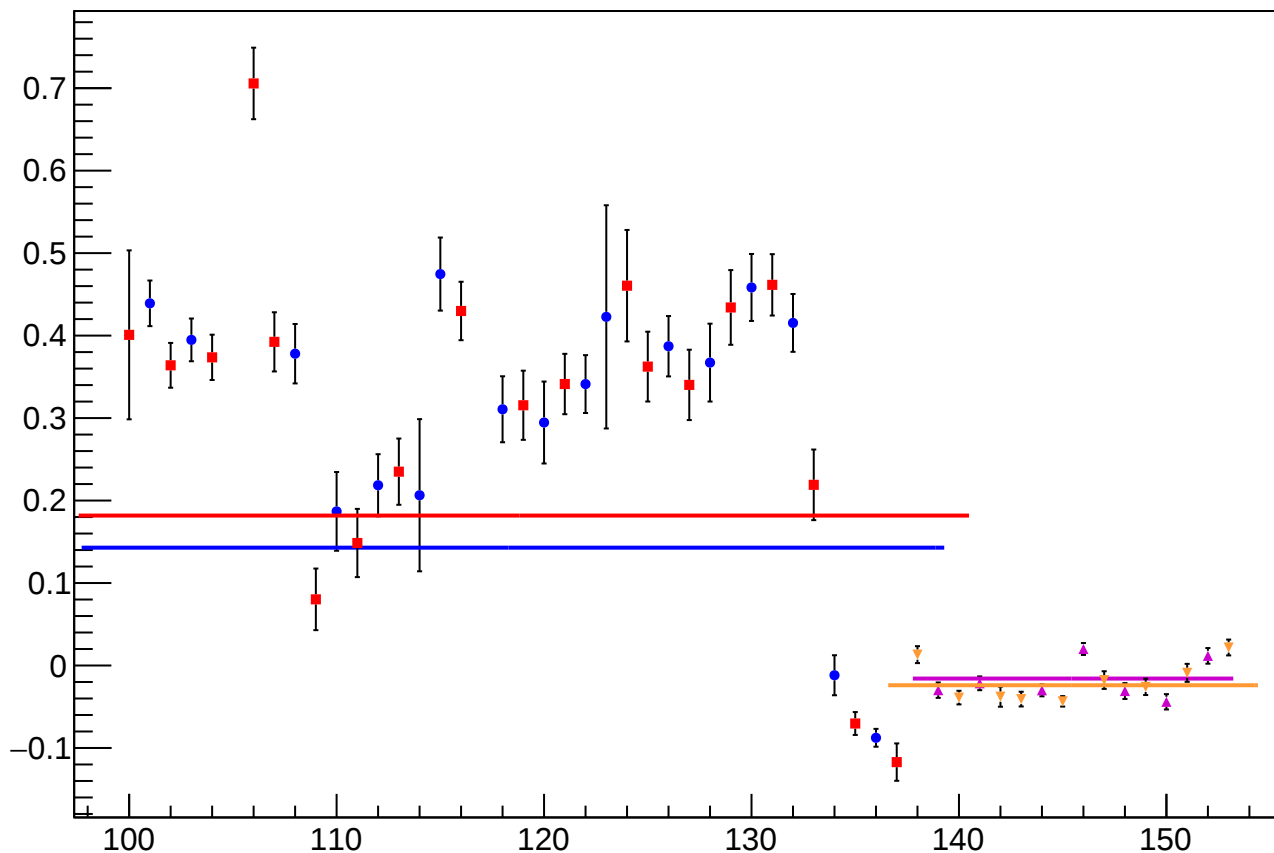
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.067 ± 0.057 χ^2/NDF : 2167.0/23

Out: -6.659 ± 0.056 χ^2/NDF : 2027.9/27

All: -6.860 ± 0.040 χ^2/NDF : 4221.1/51

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: -0.024 ± 0.003 χ^2/NDF : 55.6/8

Right Out: 0.182 ± 0.007 χ^2/NDF : 1008.3/18

Left In: -0.016 ± 0.003 χ^2/NDF : 51.3/6

Left: -0.020 ± 0.002 χ^2/NDF : 110.2/15

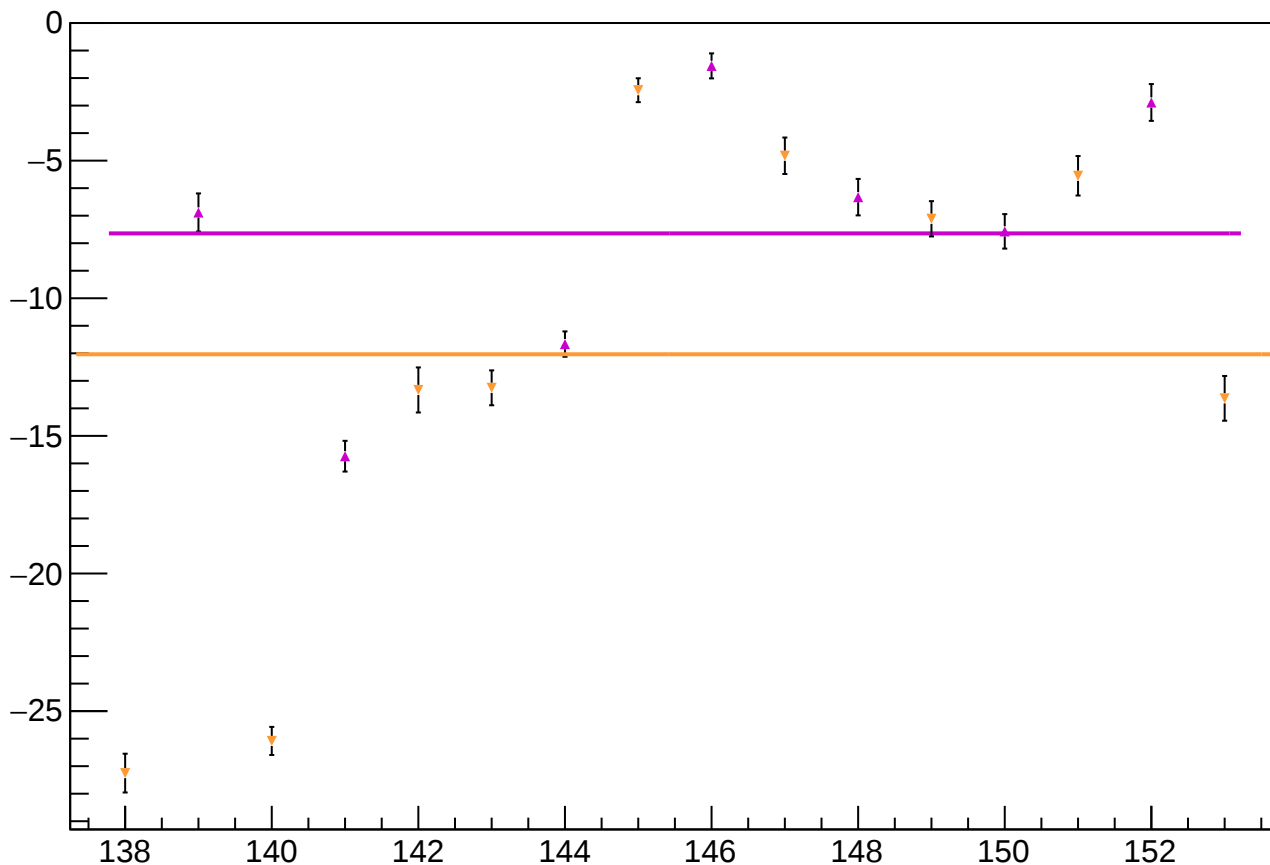
Right: 0.161 ± 0.005 χ^2/NDF : 2081.6/35

In: 0.011 ± 0.003 χ^2/NDF : 1529.4/23

Out: 0.006 ± 0.003 χ^2/NDF : 1726.1/27

All: 0.009 ± 0.002 χ^2/NDF : 3257.1/51

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.035+/-0.207 χ^2/NDF :1981.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.643+/-0.214 χ^2/NDF :521.3/6

Left: -9.907+/-0.149 χ^2/NDF : 2720.3/15

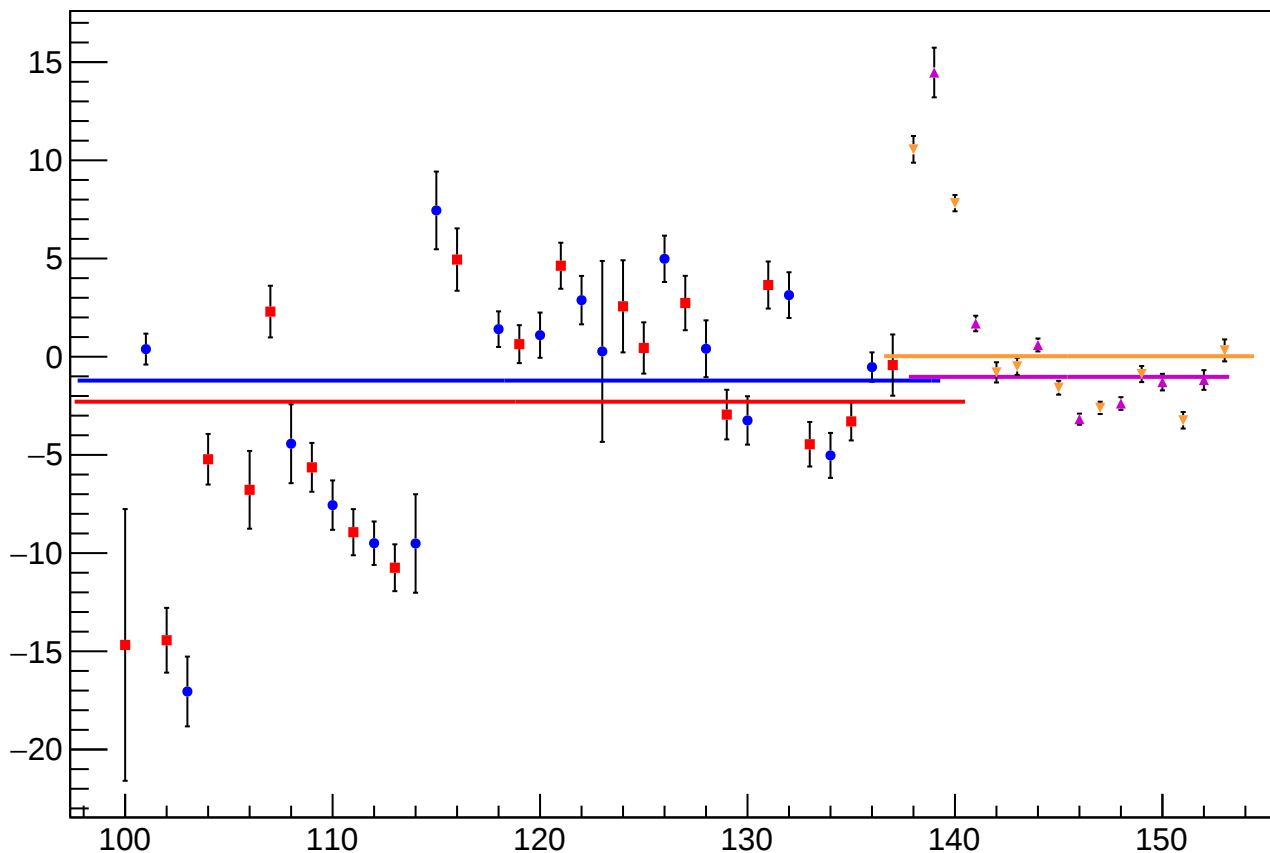
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.643+/-0.214 χ^2/NDF :521.3/6

Out: -12.035+/-0.207 χ^2/NDF :1981.2/8

All: -9.907+/-0.149 χ^2/NDF : 2720.3/15

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.027 ± 0.141 χ^2/NDF : 752.9/8

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -1.027 ± 0.144 χ^2/NDF : 297.9/6

Left: -0.489 ± 0.101 χ^2/NDF : 1078.0/15

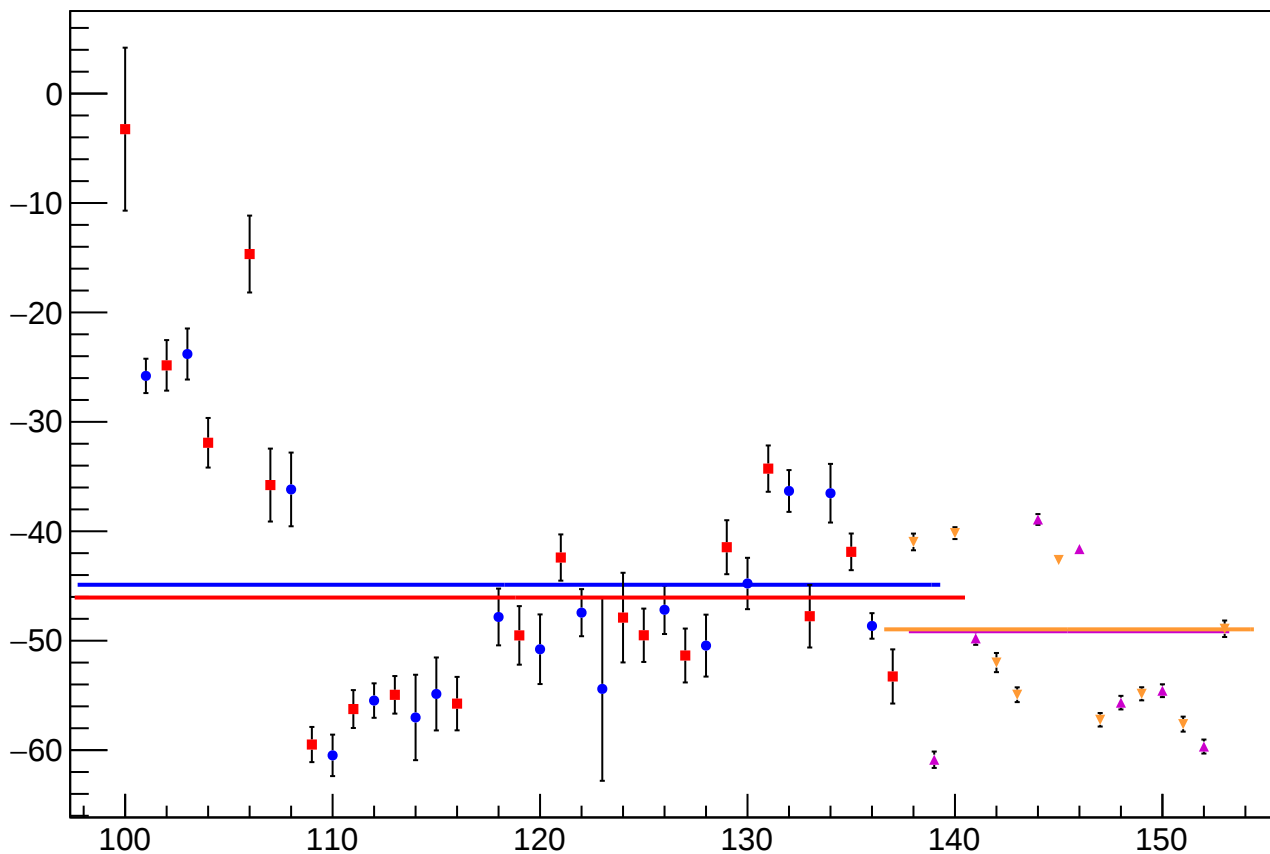
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -1.064 ± 0.129 χ^2/NDF : 577.0/23

Out: -0.389 ± 0.128 χ^2/NDF : 1088.3/27

All: -0.724 ± 0.091 χ^2/NDF : 1679.0/51

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.962 ± 0.210 χ^2/NDF : 1085.6/8

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

Left: -49.048 ± 0.150 χ^2/NDF : 2524.4/15

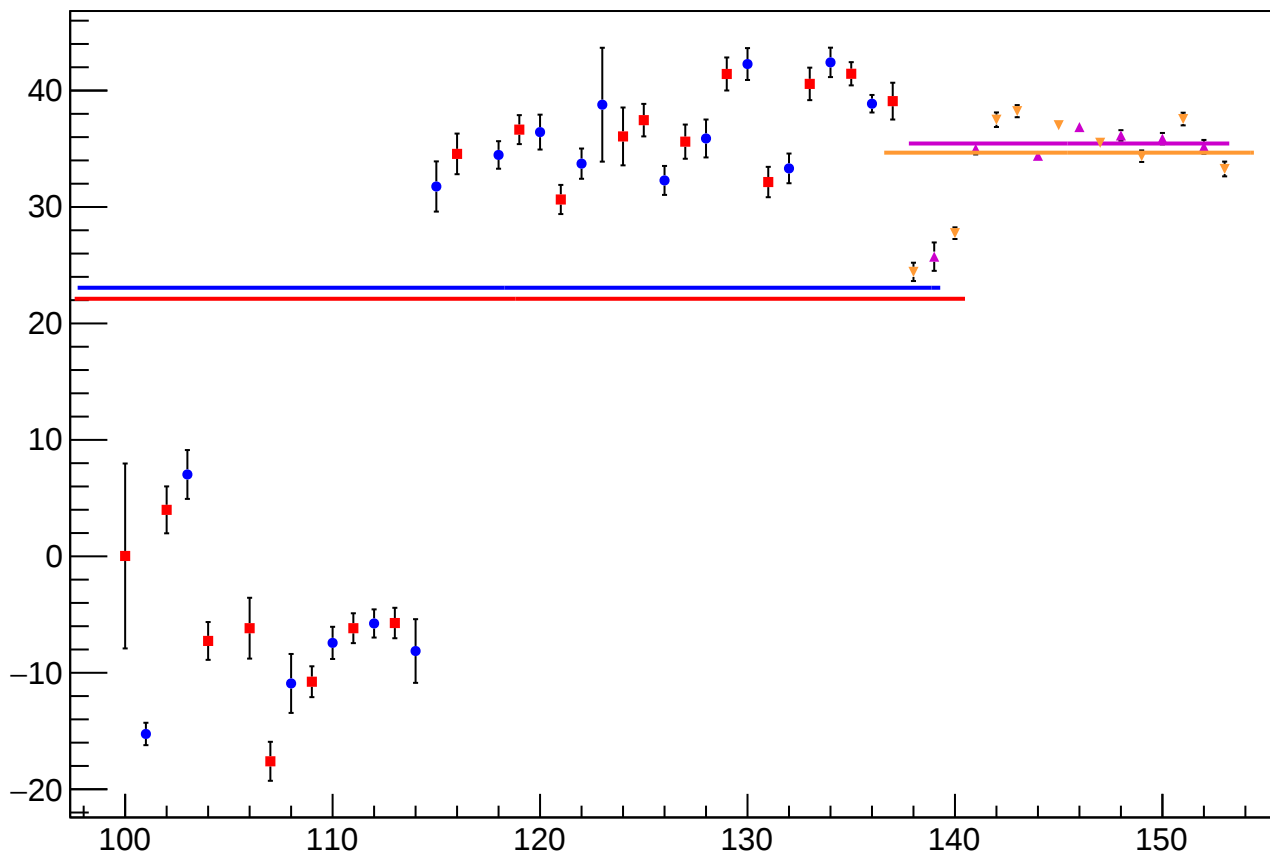
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -48.530 ± 0.198 χ^2/NDF : 1915.4/23

Out: -48.564 ± 0.195 χ^2/NDF : 1565.4/27

All: -48.547 ± 0.139 χ^2/NDF : 3480.8/51

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.666 $\pm$ 0.174 χ^2 /NDF:497.6/8

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.452 $\pm$ 0.178 χ^2 /NDF:90.9/6

Left: 35.049 $\pm$ 0.124 χ^2 /NDF: 598.4/15

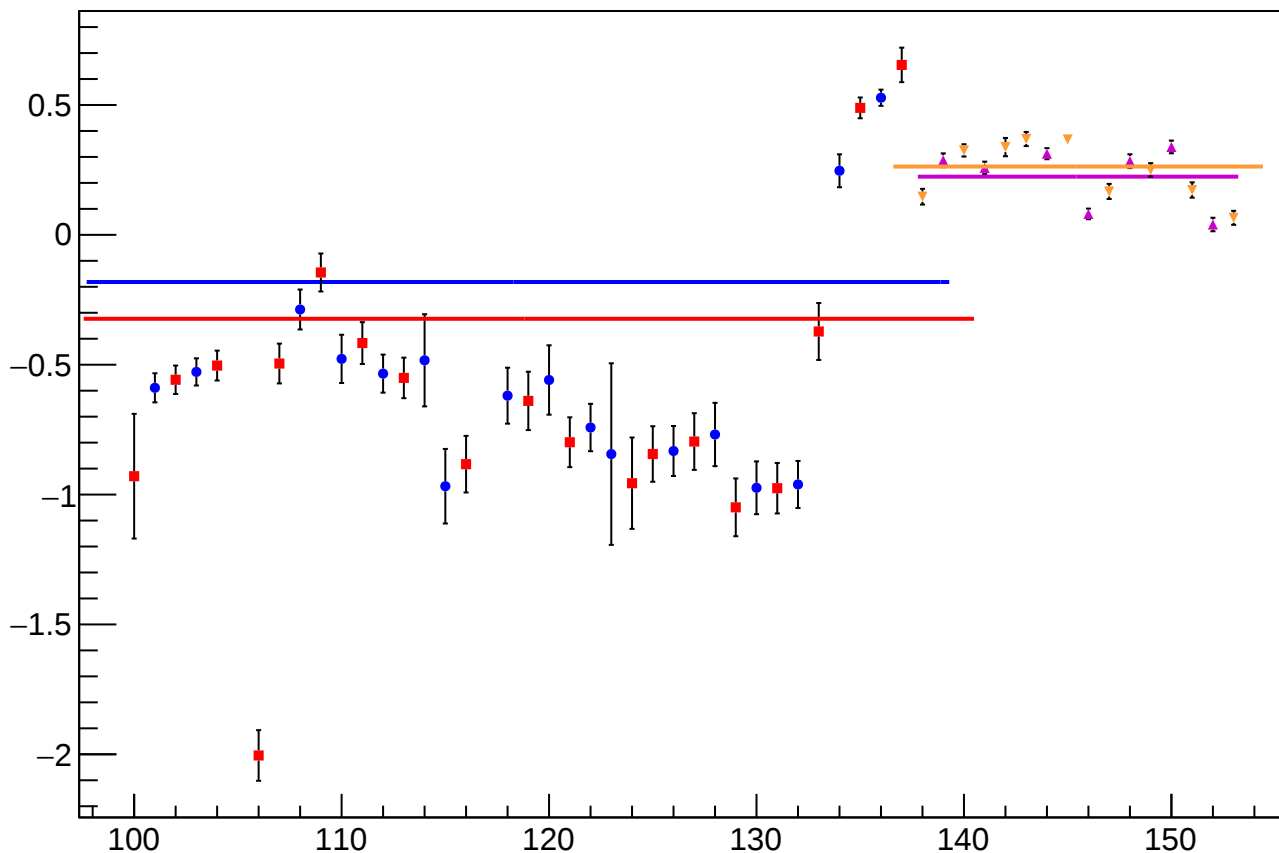
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.610 $\pm$ 0.156 χ^2 /NDF:5533.0/23

Out: 32.064 $\pm$ 0.155 χ^2 /NDF:5612.2/27

All: 32.334 $\pm$ 0.110 χ^2 /NDF: 11151.4/51

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.263 ± 0.009 χ^2/NDF : 148.8/8

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.224 ± 0.009 χ^2/NDF : 150.7/6

Left: 0.244 ± 0.006 χ^2/NDF : 309.1/15

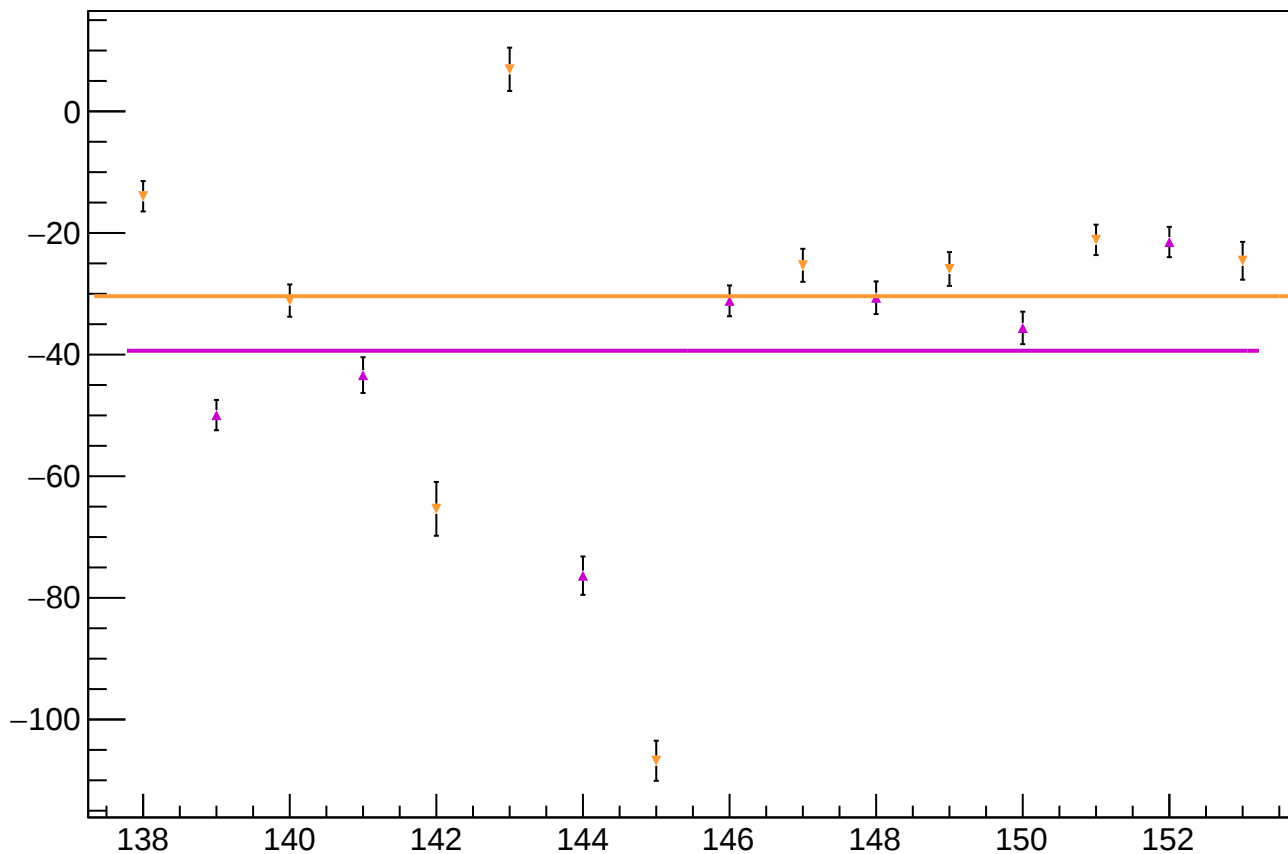
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.141 ± 0.008 χ^2/NDF : 1563.1/23

Out: 0.154 ± 0.008 χ^2/NDF : 2180.5/27

All: 0.148 ± 0.006 χ^2/NDF : 3745.0/51

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.391+/-0.975 χ^2/NDF :775.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.364+/-1.014 χ^2/NDF :231.9/6

Left: -34.700+/-0.703 χ^2/NDF : 1048.2/15

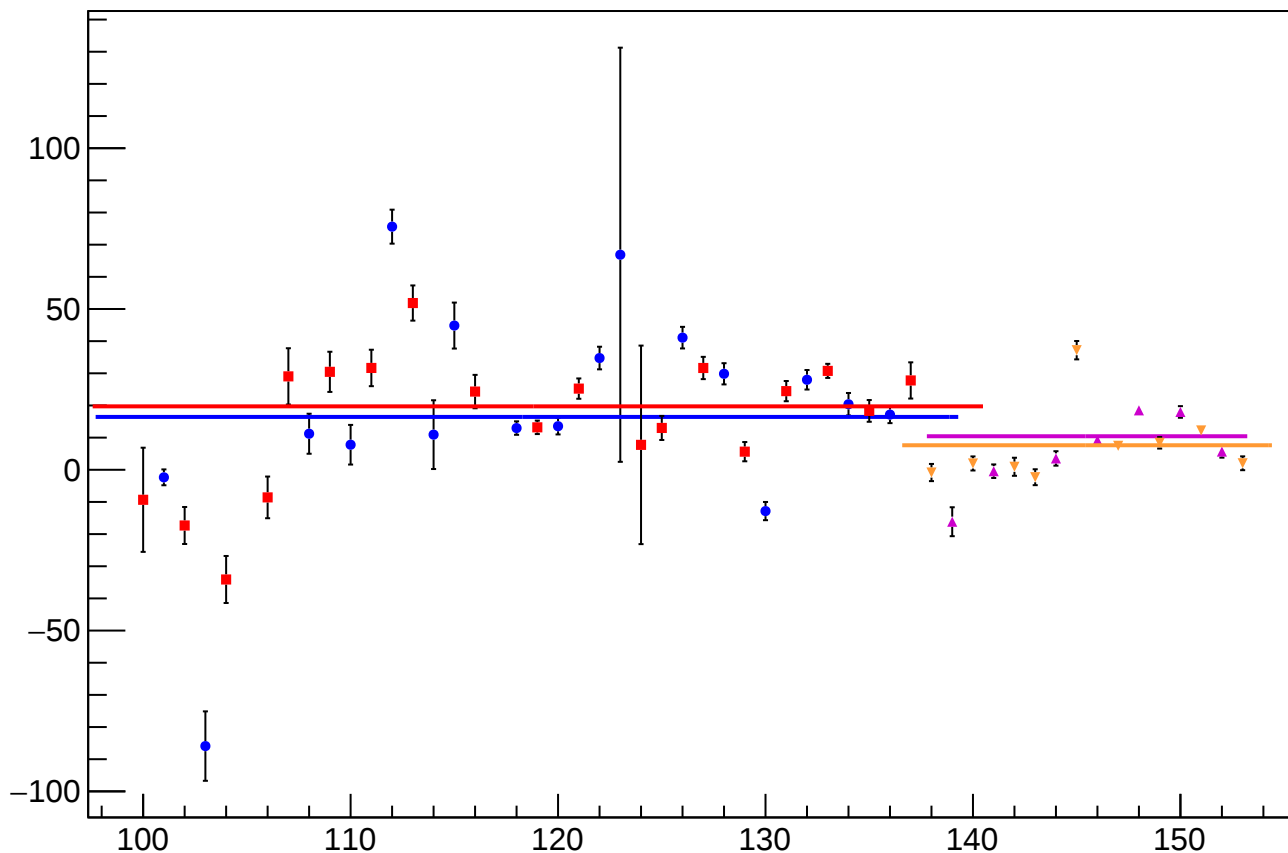
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -30.391+/-0.975 χ^2/NDF :775.6/8

All: -34.700+/-0.703 χ^2/NDF : 1048.2/15

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.627 ± 0.647 $\chi^2/\text{NDF}: 163.2/8$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 10.429 ± 0.690 $\chi^2/\text{NDF}: 133.6/6$

Left: 8.937 ± 0.472 $\chi^2/\text{NDF}: 305.5/15$

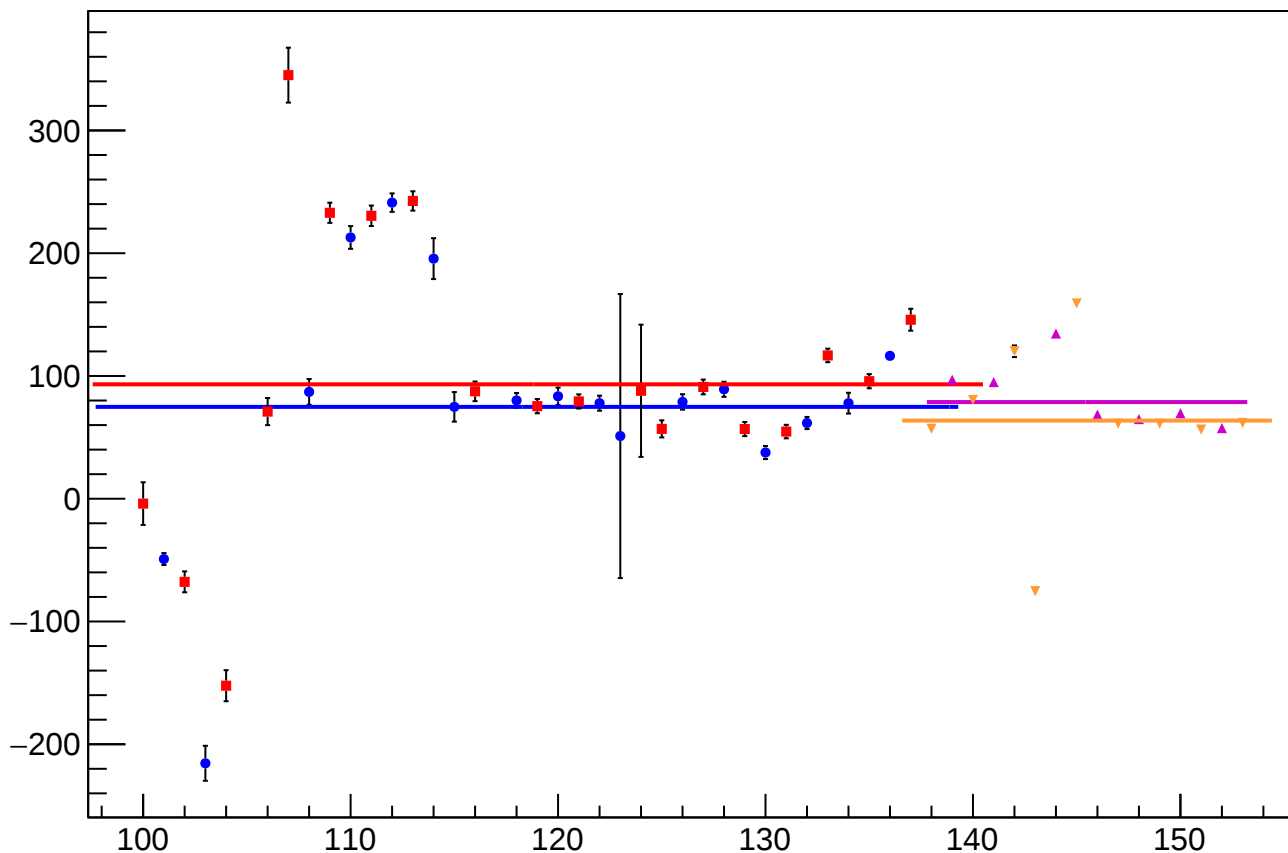
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 12.821 ± 0.535 $\chi^2/\text{NDF}: 680.7/23$

Out: 11.760 ± 0.525 $\chi^2/\text{NDF}: 524.4/27$

All: 12.280 ± 0.375 $\chi^2/\text{NDF}: 1207.1/51$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.663 $\pm$ 0.972 χ^2 /NDF:2307.2/8

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 78.746 $\pm$ 1.005 χ^2 /NDF:487.3/6

Left: 70.955 $\pm$ 0.699 χ^2 /NDF: 2910.9/15

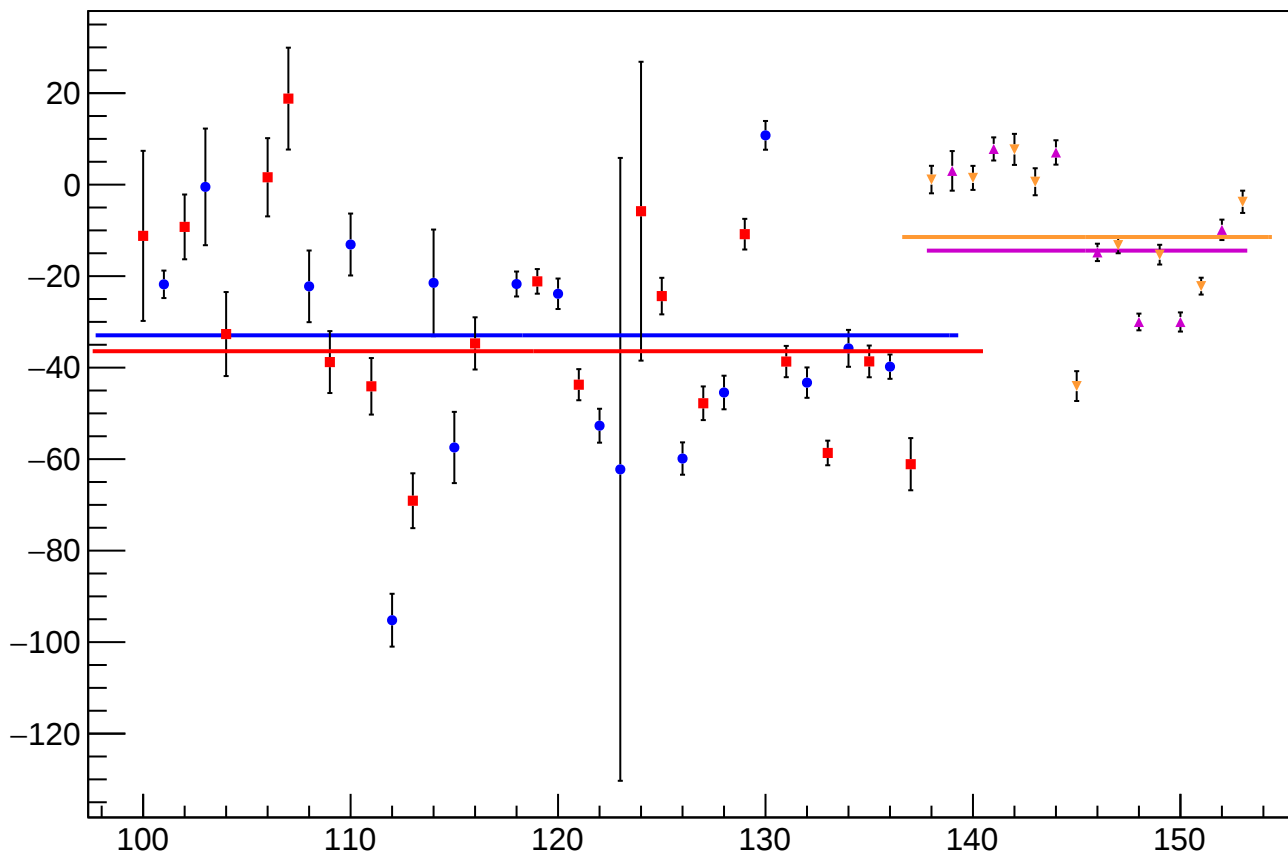
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 77.675 $\pm$ 0.856 χ^2 /NDF:2488.2/23

Out: 70.865 $\pm$ 0.845 χ^2 /NDF:4533.2/27

All: 74.225 $\pm$ 0.602 χ^2 /NDF: 7053.4/51

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -11.449 ± 0.804 $\chi^2/\text{NDF}: 238.2/8$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -14.423 ± 0.858 $\chi^2/\text{NDF}: 290.9/6$

Left: -12.839 ± 0.587 $\chi^2/\text{NDF}: 535.6/15$

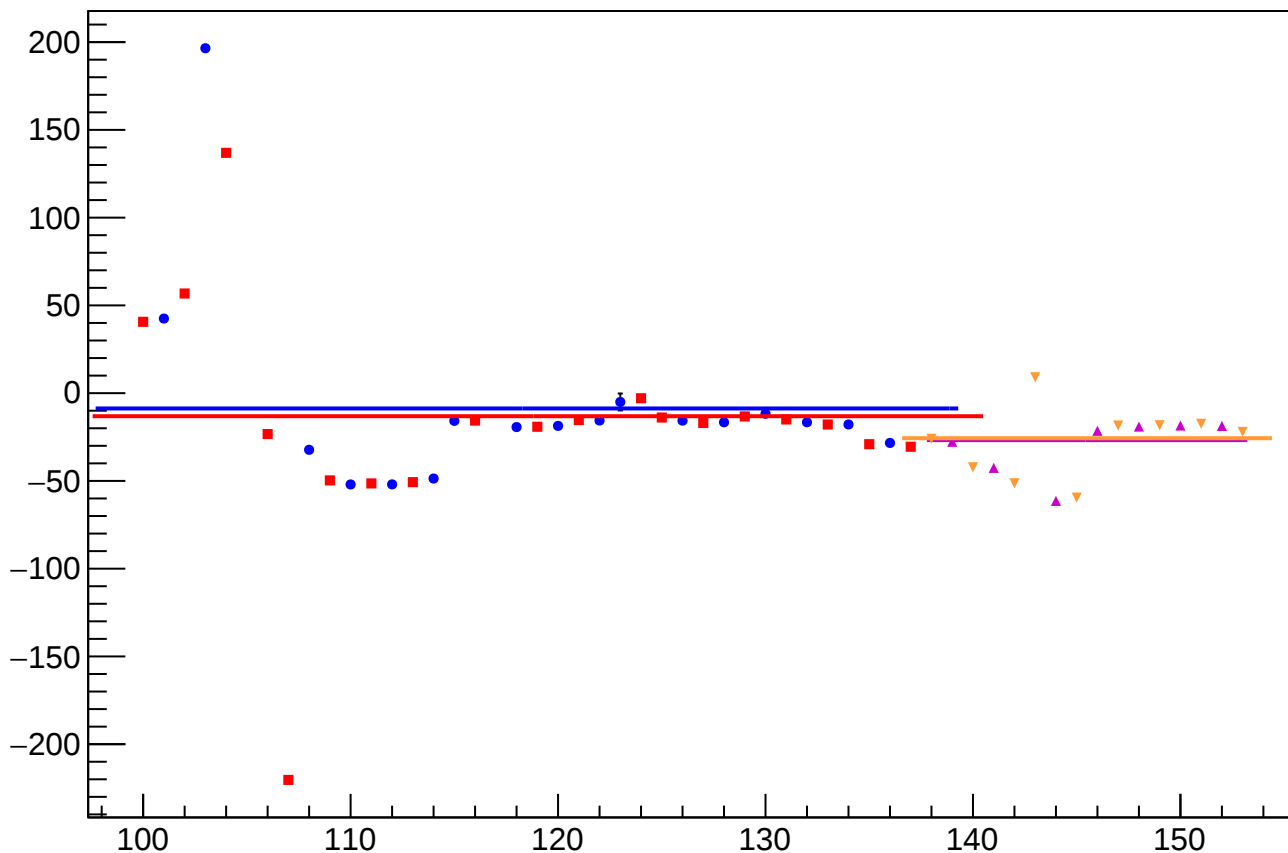
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -22.522 ± 0.644 $\chi^2/\text{NDF}: 985.2/23$

Out: -20.962 ± 0.633 $\chi^2/\text{NDF}: 900.3/27$

All: -21.729 ± 0.451 $\chi^2/\text{NDF}: 1888.4/51$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -25.665 ± 0.040 χ^2/NDF : 166329.0/8

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -26.744 ± 0.041 χ^2/NDF : 91289.0/6

Left: -26.188 ± 0.029 χ^2/NDF : 257966.8/15

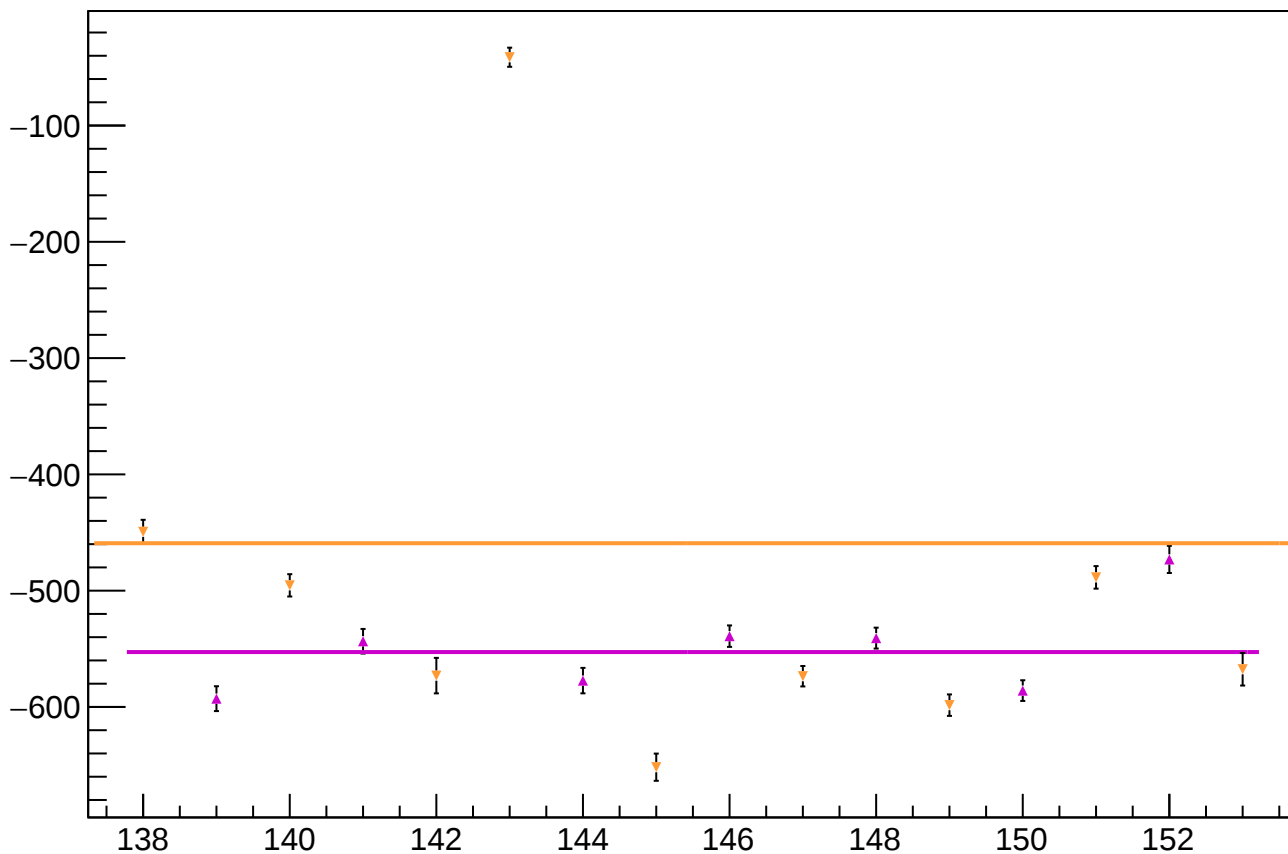
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -20.766 ± 0.034 χ^2/NDF : 729757.4/23

Out: -21.933 ± 0.034 χ^2/NDF : 753867.8/27

All: -21.353 ± 0.024 χ^2/NDF : 1484221.3/51

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -459.201 ± 3.388 χ^2/NDF : 3389.9/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -552.796 ± 3.776 χ^2/NDF : 84.2/6

Left: -500.944 ± 2.522 χ^2/NDF : 3814.4/15

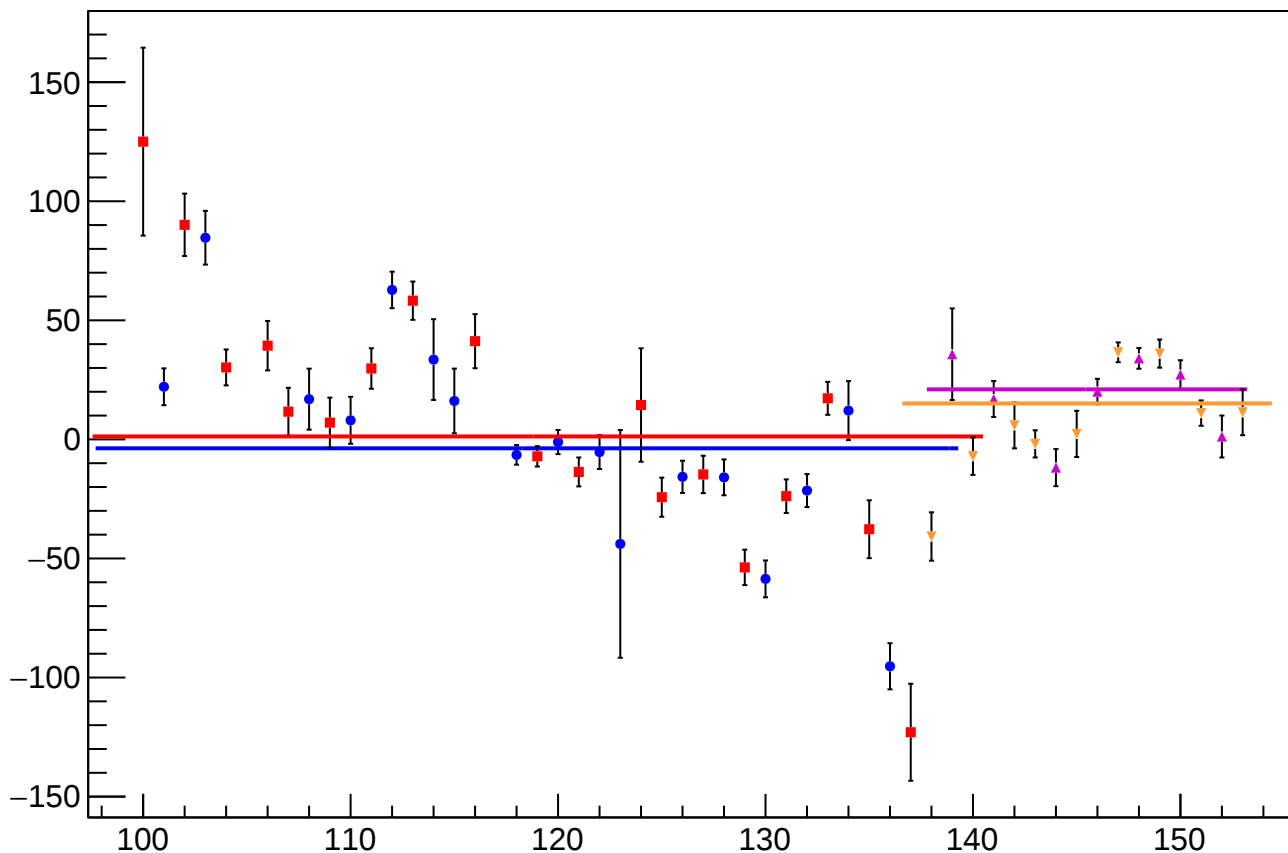
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -552.796 ± 3.776 χ^2/NDF : 84.2/6

Out: -459.201 ± 3.388 χ^2/NDF : 3389.9/8

All: -500.944 ± 2.522 χ^2/NDF : 3814.4/15

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743±1.892 χ^2/NDF : 314.1/16

Left Out: 15.090±2.181 χ^2/NDF :89.6/8

Right Out: 1.241±1.916 χ^2/NDF : 303.5/18

Left In: 21.009±2.462 χ^2/NDF :33.7/6

Left: 17.693±1.632 χ^2/NDF : 126.5/15

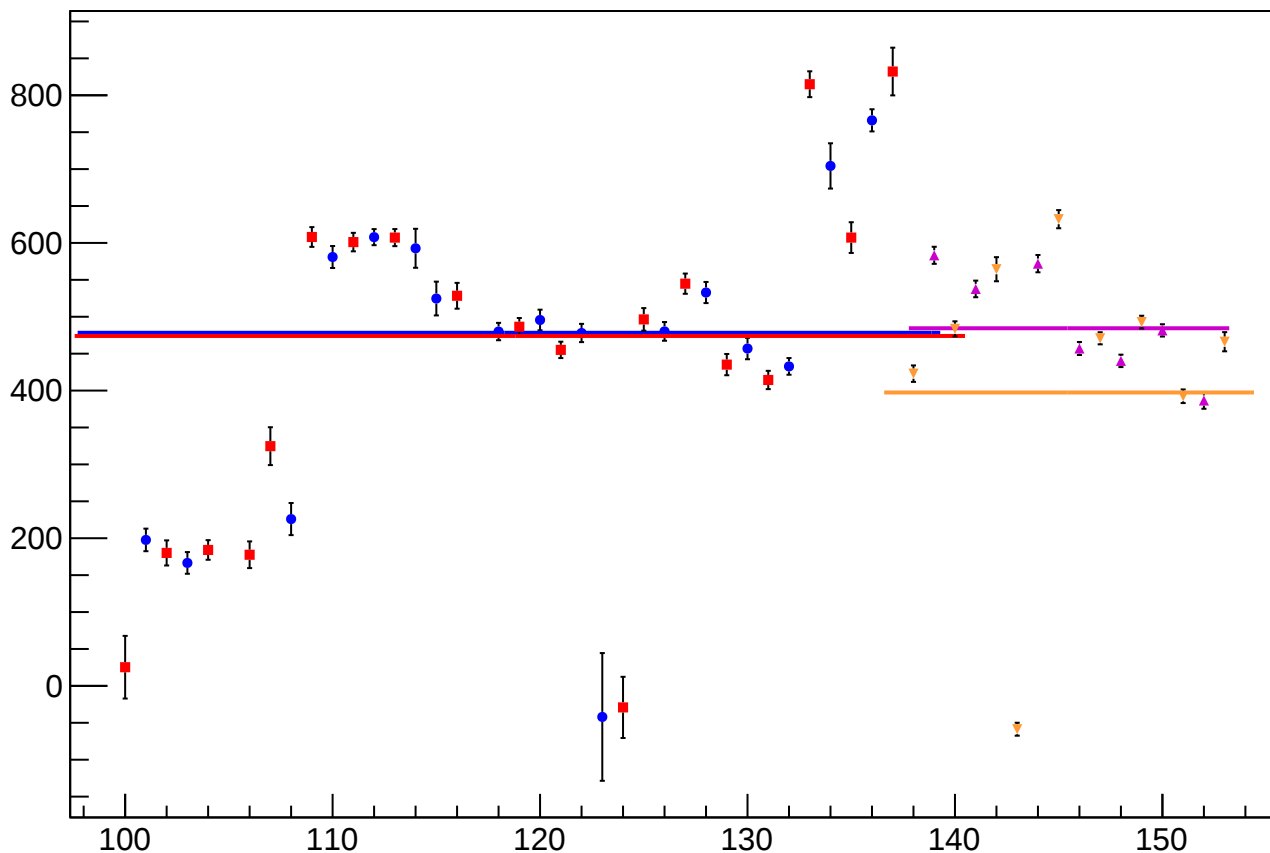
Right: -1.282±1.346 χ^2/NDF : 621.1/35

In: 5.449±1.500 χ^2/NDF :411.4/23

Out: 7.274±1.439 χ^2/NDF :415.9/27

All: 6.399±1.038 χ^2/NDF : 828.0/51

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 397.409 $\pm$ 3.392 χ^2 /NDF:3477.9/8

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 484.419 $\pm$ 3.725 χ^2 /NDF:264.9/6

Left: 436.856 $\pm$ 2.508 χ^2 /NDF: 4041.1/15

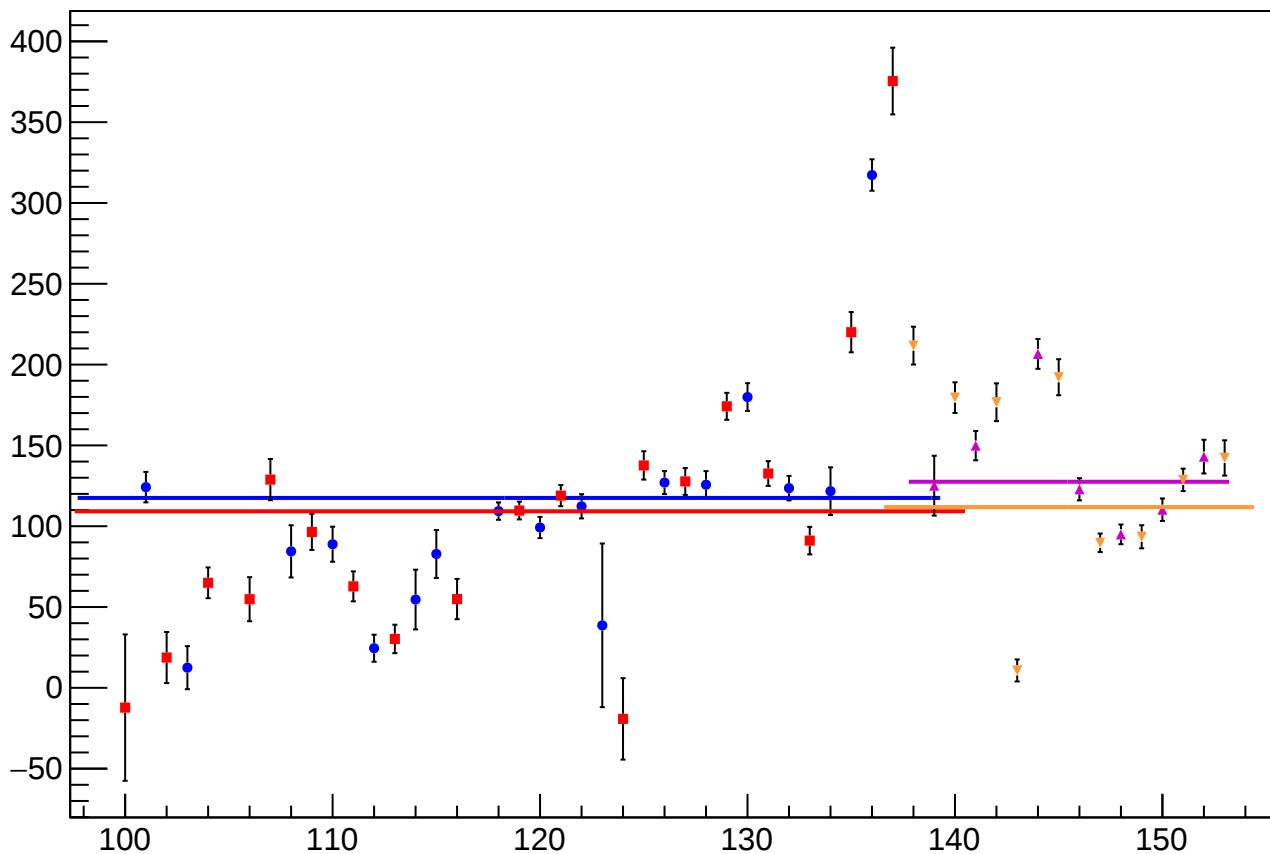
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 481.269 $\pm$ 2.603 χ^2 /NDF:1894.2/23

Out: 434.180 $\pm$ 2.446 χ^2 /NDF:6010.9/27

All: 456.261 $\pm$ 1.782 χ^2 /NDF: 8079.0/51

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 +/- 2.198 χ^2/NDF : 705.9/16

Left Out: 111.847 +/- 2.728 χ^2/NDF : 461.6/8

Right Out: 109.247 +/- 2.206 χ^2/NDF : 569.4/18

Left In: 127.506 +/- 3.089 χ^2/NDF : 116.7/6

Left: 118.710 +/- 2.045 χ^2/NDF : 592.7/15

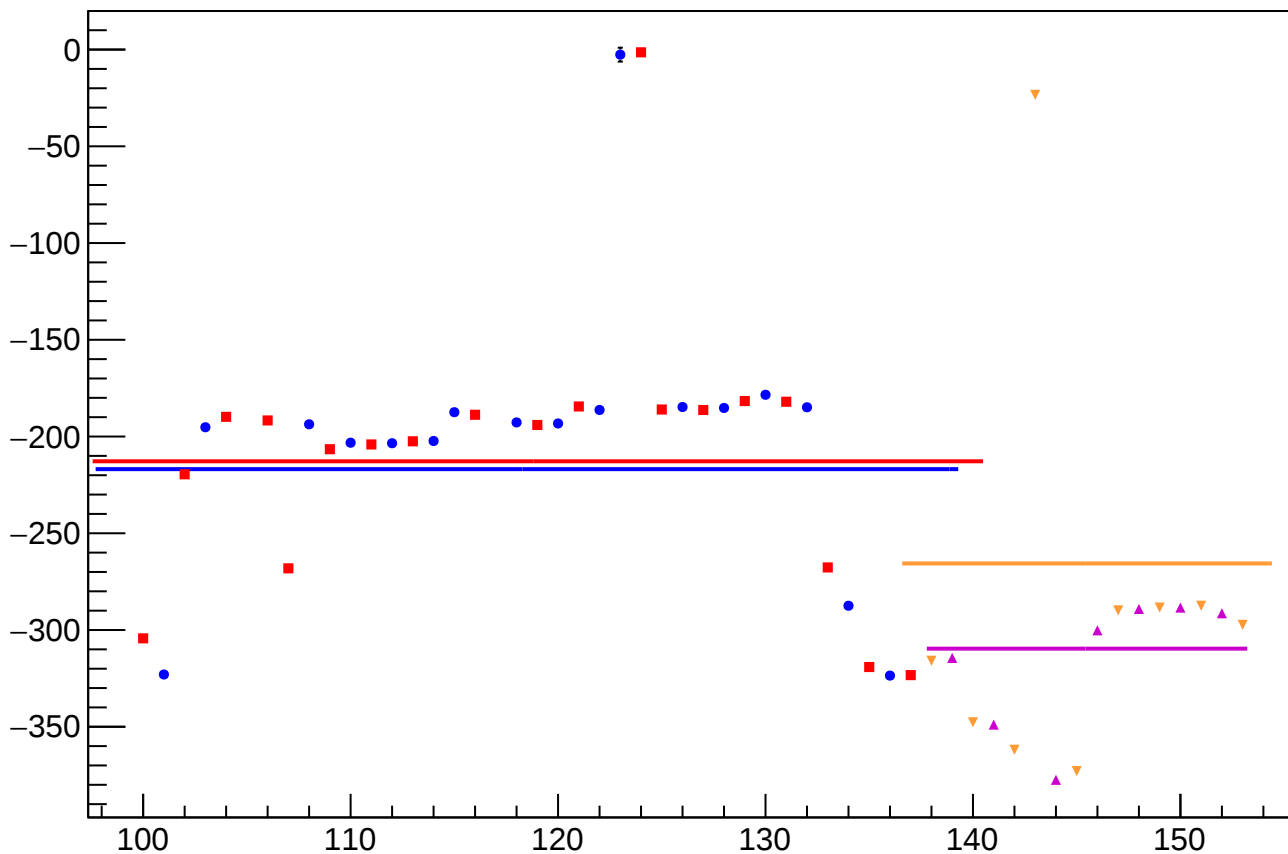
Right: 113.390 +/- 1.557 χ^2/NDF : 1282.4/35

In: 120.864 +/- 1.791 χ^2/NDF : 829.6/23

Out: 110.275 +/- 1.715 χ^2/NDF : 1031.6/27

All: 115.342 +/- 1.239 χ^2/NDF : 1879.4/51

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -265.607+/-0.142 χ^2/NDF : 605045.0/8

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -309.635+/-0.156 χ^2/NDF : 34125.0/6

Left: -285.669+/-0.105 χ^2/NDF : 682782.2/15

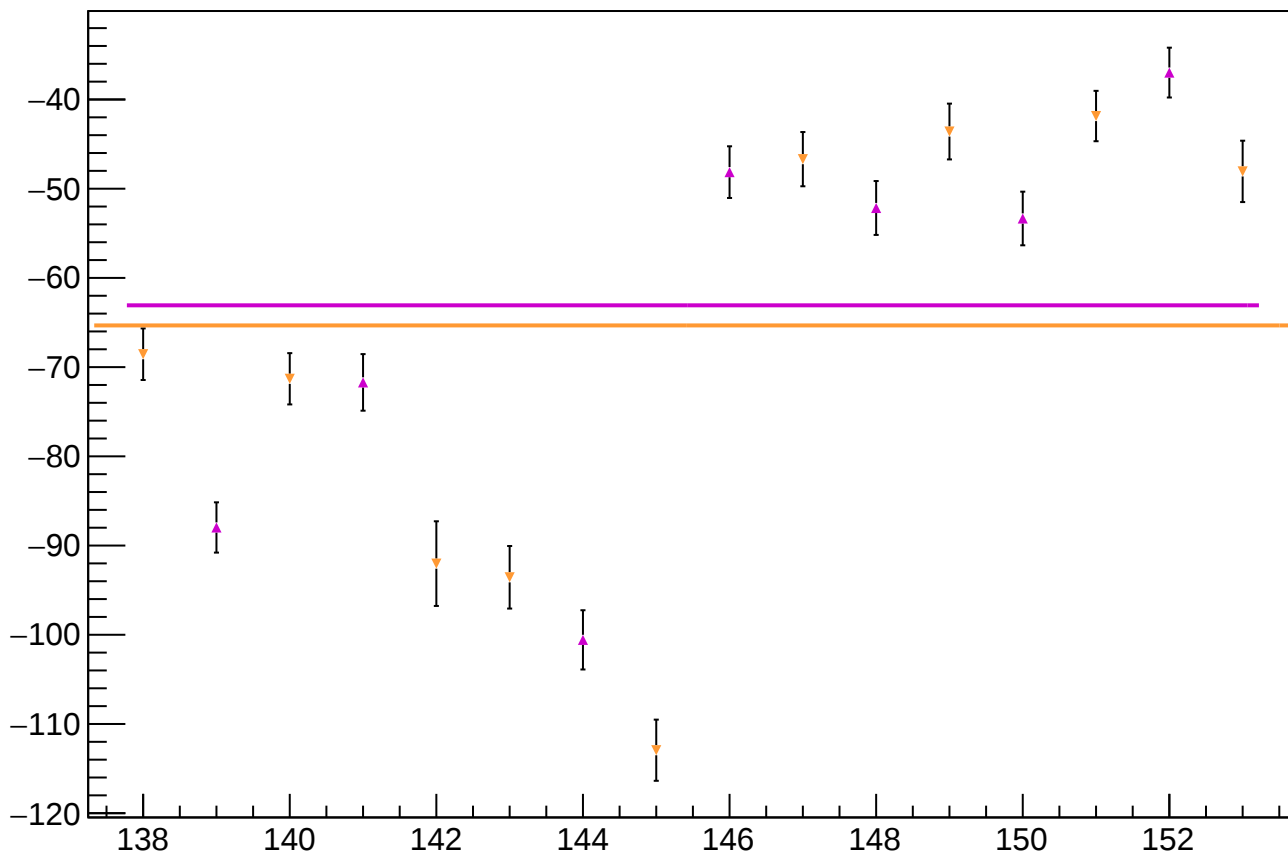
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -257.005+/-0.102 χ^2/NDF : 382873.8/23

Out: -236.831+/-0.096 χ^2/NDF : 796680.9/27

All: -246.276+/-0.070 χ^2/NDF : 1200227.4/51

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.325+/-1.071 χ^2/NDF :475.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.072+/-1.130 χ^2/NDF :350.4/6

Left: -64.259+/-0.777 χ^2/NDF : 827.7/15

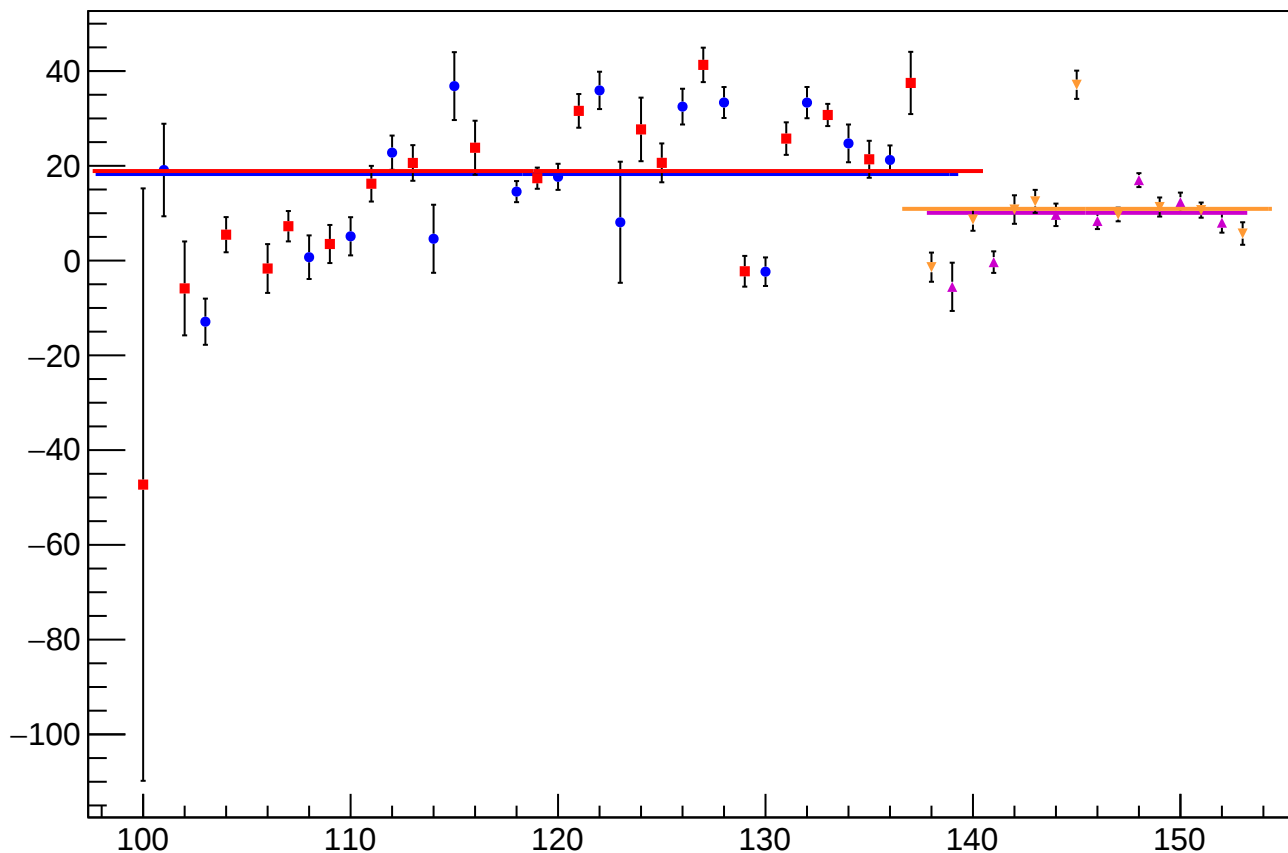
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.072+/-1.130 χ^2/NDF :350.4/6

Out: -65.325+/-1.071 χ^2/NDF :475.2/8

All: -64.259+/-0.777 χ^2/NDF : 827.7/15

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 10.919 $\pm$ 0.713 χ^2 /NDF:100.0/8

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 10.077 $\pm$ 0.771 χ^2 /NDF:55.6/6

Left: 10.531 $\pm$ 0.523 χ^2 /NDF: 156.3/15

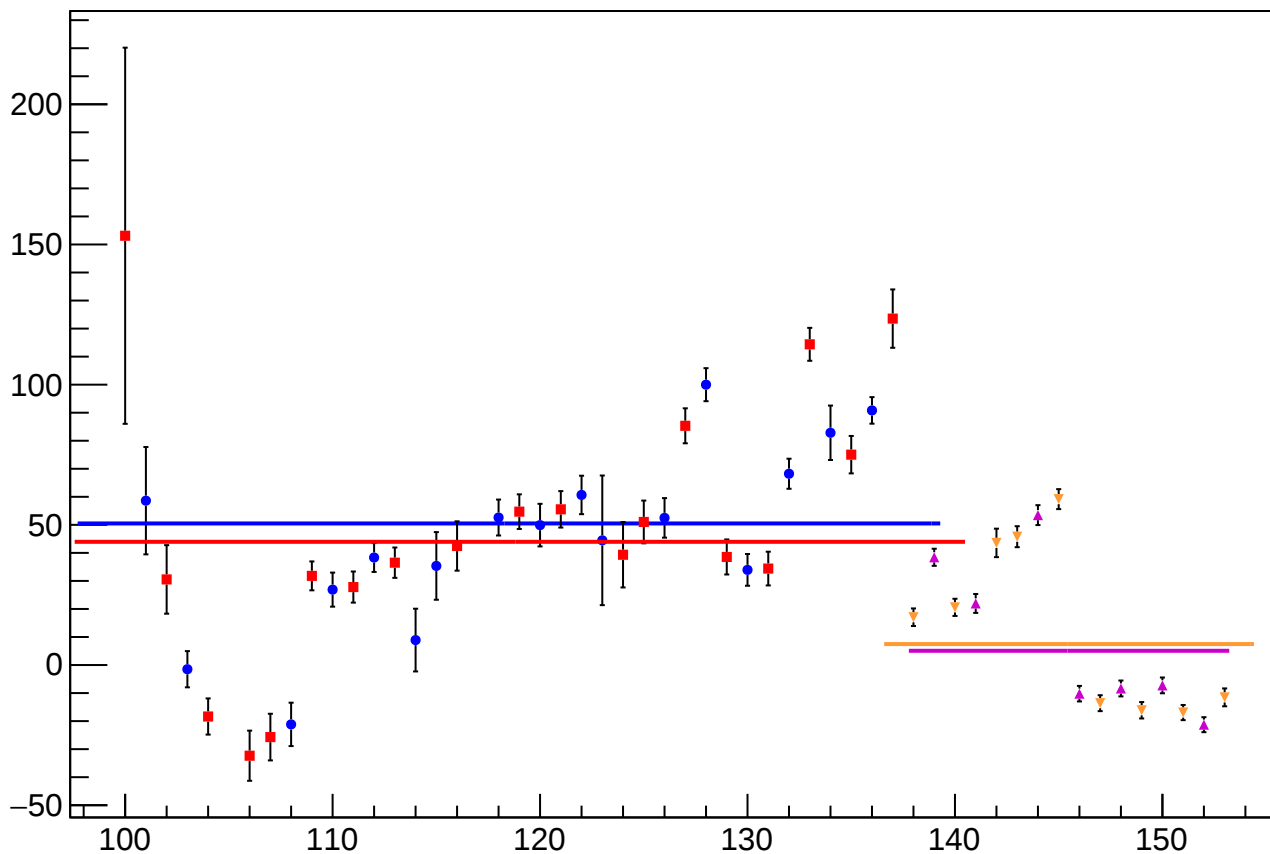
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 13.516 $\pm$ 0.588 χ^2 /NDF:311.3/23

Out: 14.149 $\pm$ 0.550 χ^2 /NDF:350.0/27

All: 13.853 $\pm$ 0.401 χ^2 /NDF: 661.9/51

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 7.479 $\pm$ 1.070 χ^2 /NDF:631.2/8

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 5.084 $\pm$ 1.121 χ^2 /NDF:499.6/6

Left: 6.337 $\pm$ 0.774 χ^2 /NDF: 1133.2/15

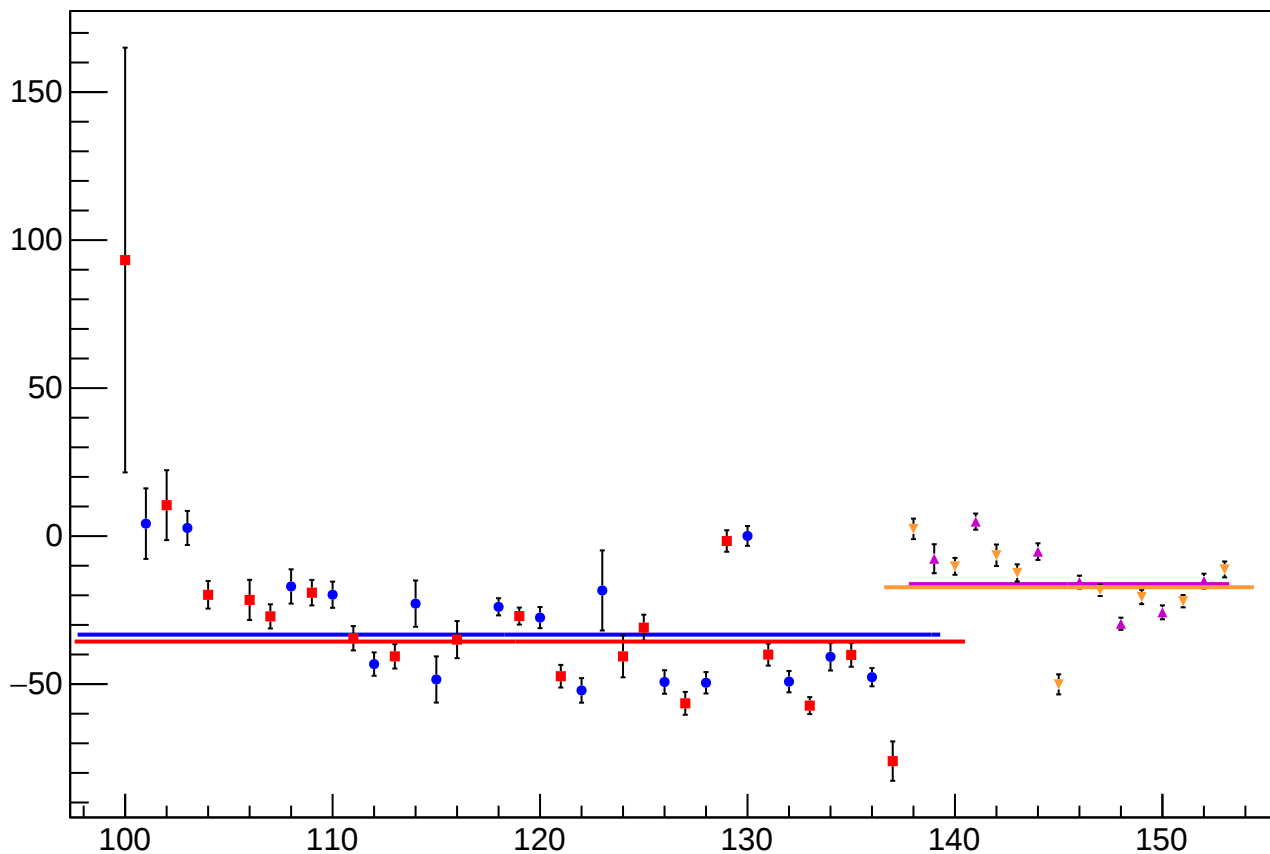
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 19.181 $\pm$ 0.931 χ^2 /NDF:1372.2/23

Out: 18.721 $\pm$ 0.890 χ^2 /NDF:1523.7/27

All: 18.941 $\pm$ 0.643 χ^2 /NDF: 2896.0/51

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -17.279 ± 0.885 $\chi^2/\text{NDF}: 155.5/8$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -16.209 ± 0.958 $\chi^2/\text{NDF}: 137.3/6$

Left: -16.786 ± 0.650 $\chi^2/\text{NDF}: 293.5/15$

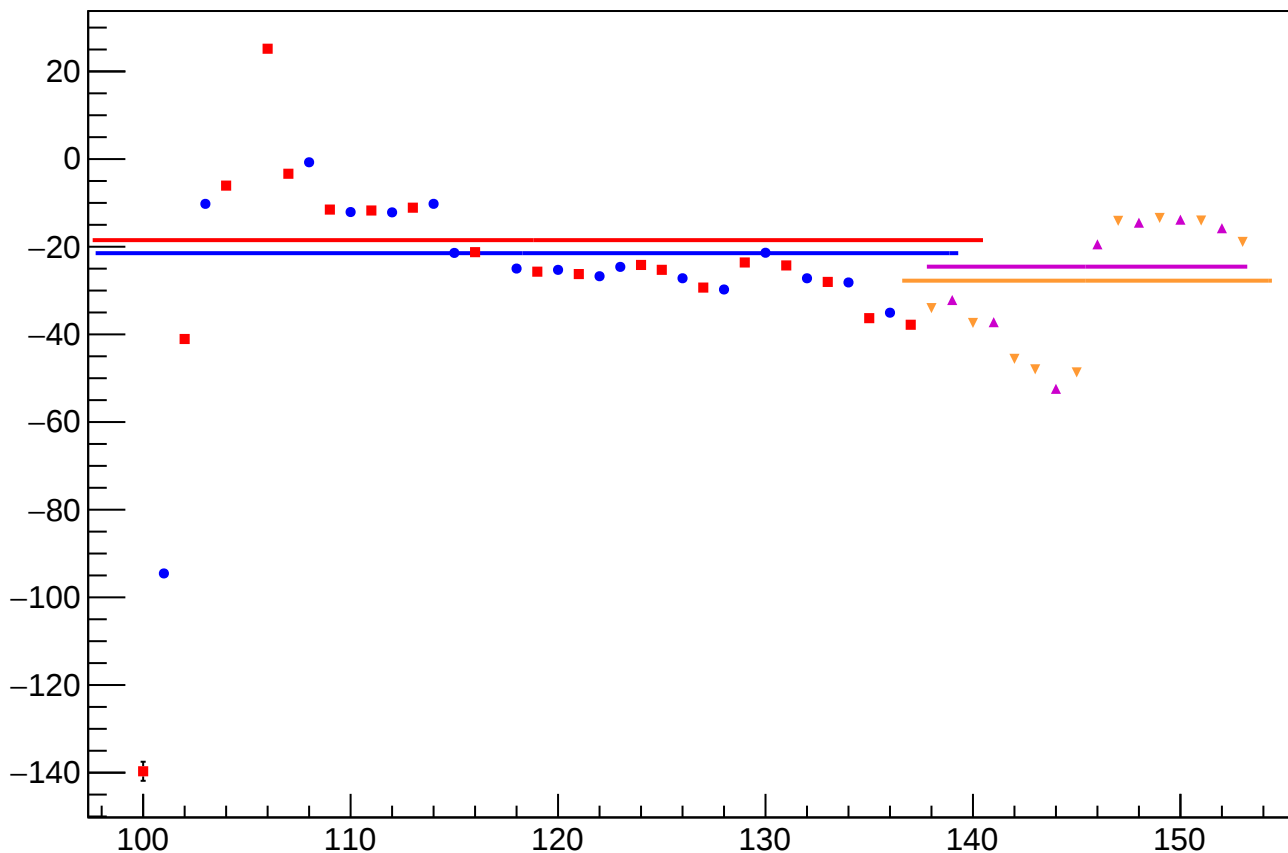
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -24.086 ± 0.703 $\chi^2/\text{NDF}: 576.8/23$

Out: -25.401 ± 0.661 $\chi^2/\text{NDF}: 633.5/27$

All: -24.785 ± 0.481 $\chi^2/\text{NDF}: 1212.2/51$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -27.743 ± 0.044 $\chi^2/\text{NDF}: 98909.8/8$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -24.546 ± 0.046 $\chi^2/\text{NDF}: 69066.5/6$

Left: -26.218 ± 0.032 $\chi^2/\text{NDF}: 170469.8/15$

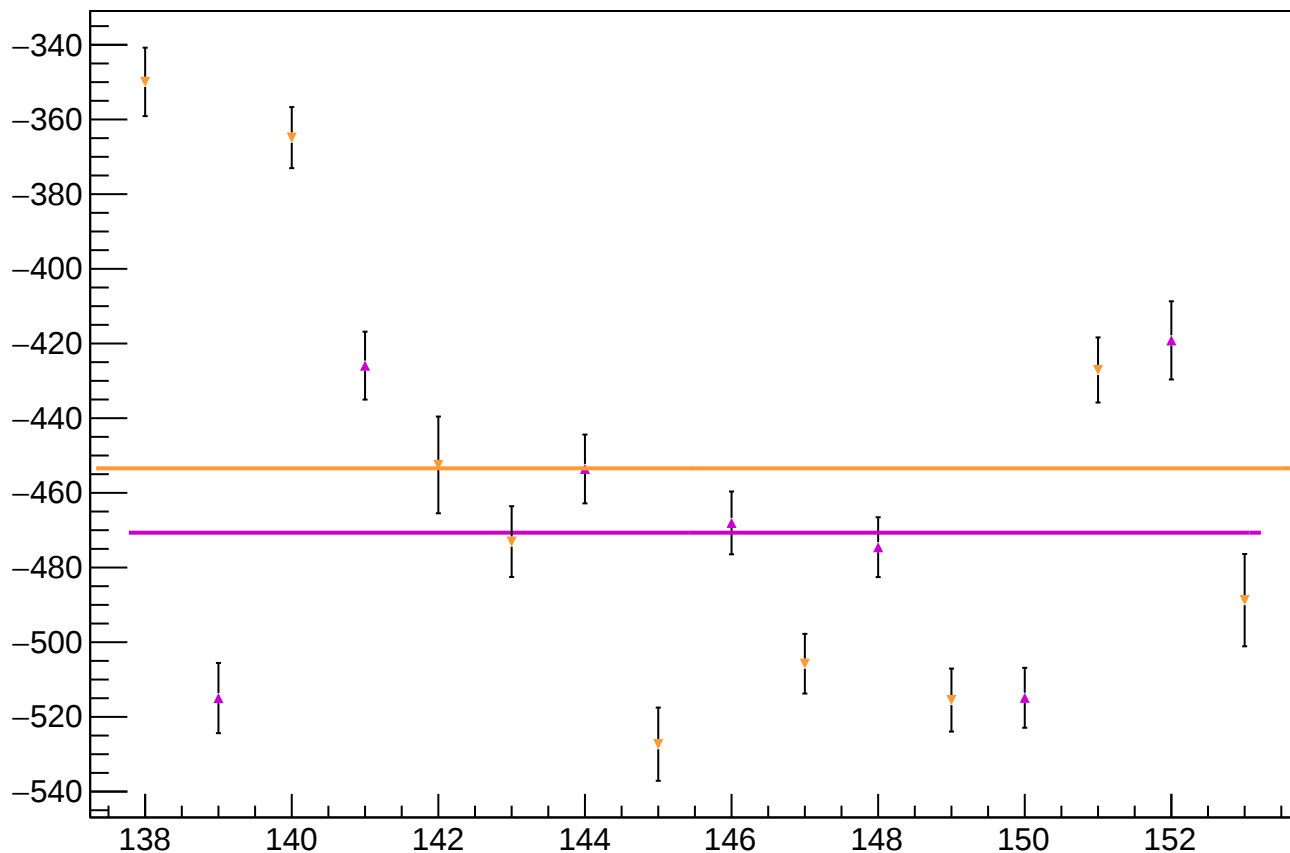
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -23.367 ± 0.036 $\chi^2/\text{NDF}: 119739.3/23$

Out: -24.295 ± 0.035 $\chi^2/\text{NDF}: 195910.6/27$

All: -23.849 ± 0.025 $\chi^2/\text{NDF}: 315987.7/51$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.427+/-3.104 χ^2/NDF :420.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -470.662+/-3.342 χ^2/NDF :104.7/6

Left: -461.409+/-2.275 χ^2/NDF : 539.2/15

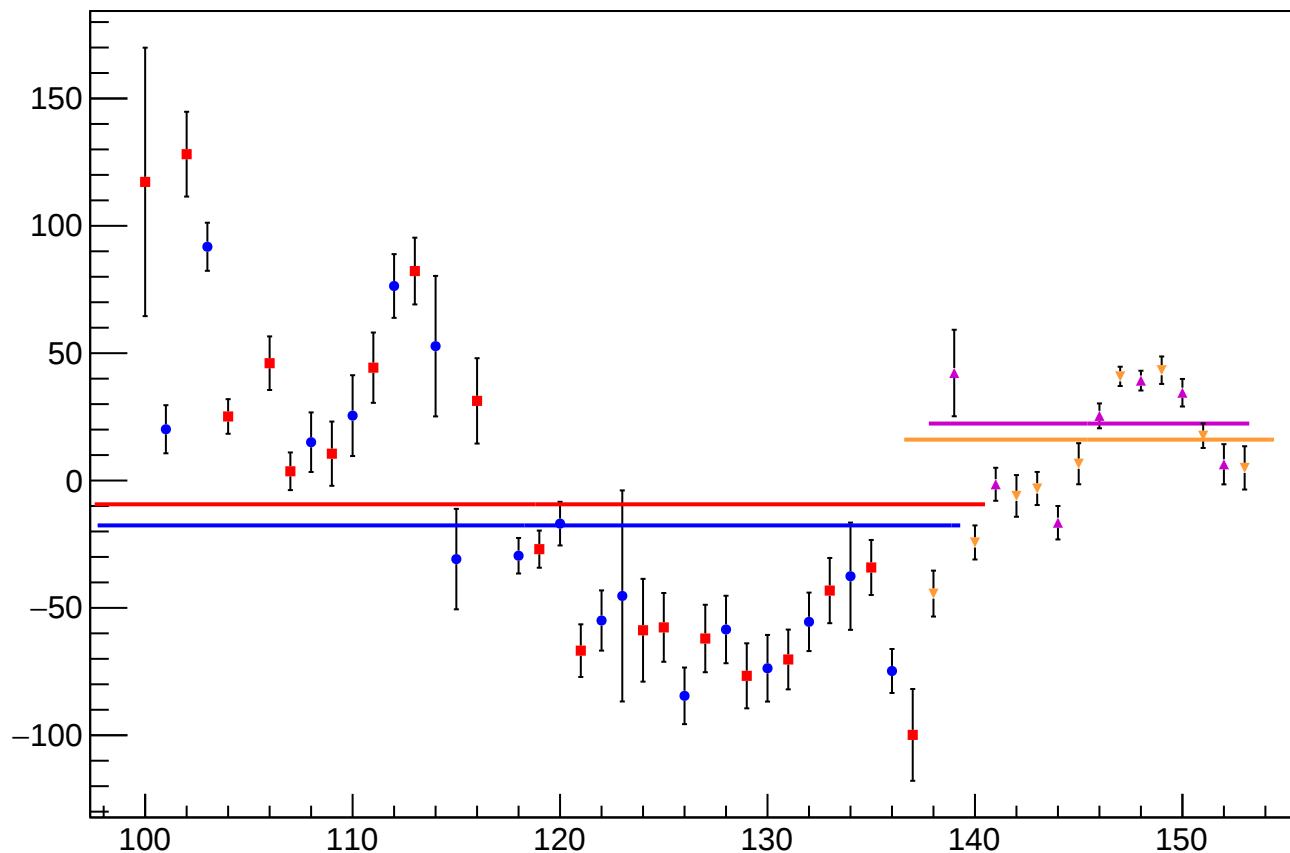
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -470.662+/-3.342 χ^2/NDF :104.7/6

Out: -453.427+/-3.104 χ^2/NDF :420.2/8

All: -461.409+/-2.275 χ^2/NDF : 539.2/15

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2/NDF : 362.0/16

Left Out: 16.067 $\pm$ 2.001 χ^2/NDF :169.1/8

Right Out: -9.330 $\pm$ 2.609 χ^2/NDF : 366.5/18

Left In: 22.373 $\pm$ 2.187 χ^2/NDF :78.4/6

Left: 18.940 $\pm$ 1.476 χ^2/NDF : 252.0/15

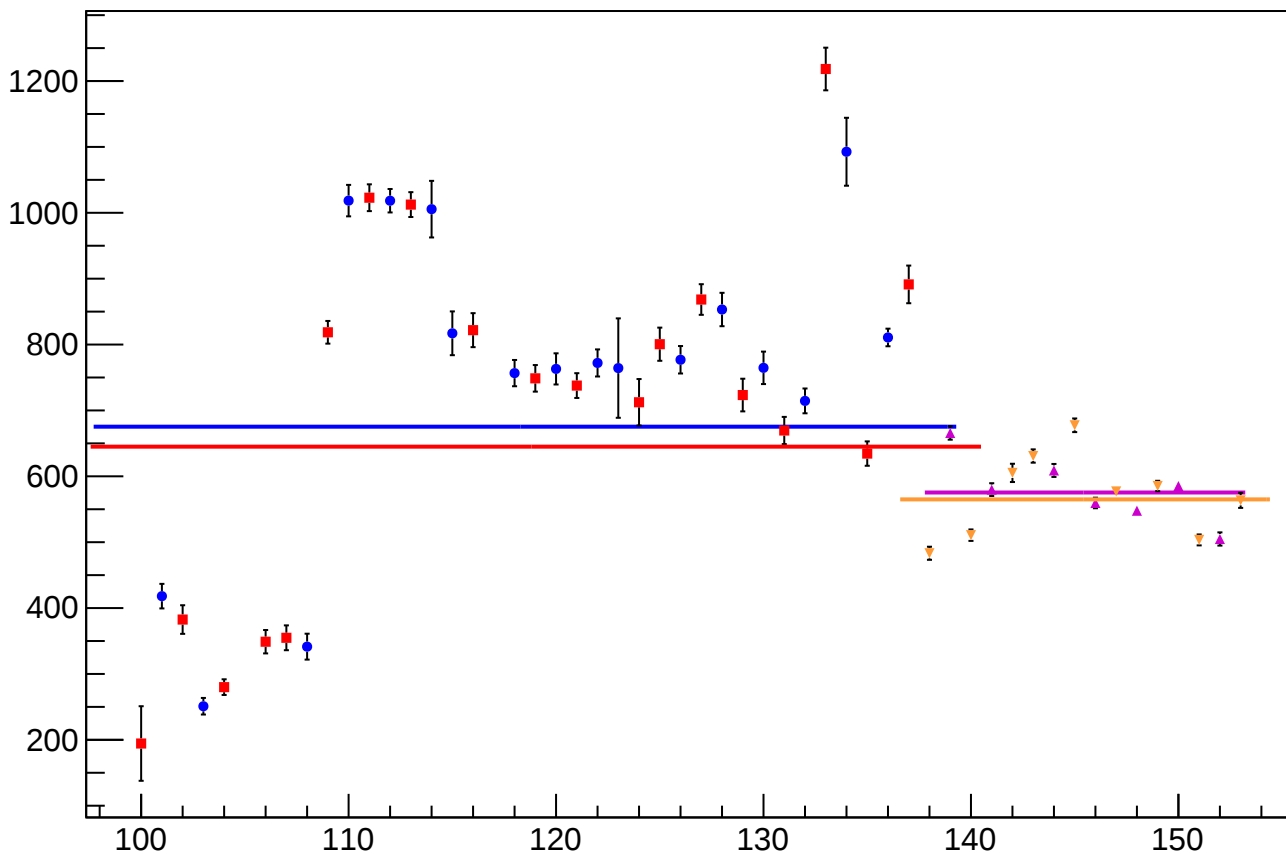
Right: -13.203 $\pm$ 1.905 χ^2/NDF : 733.2/35

In: 7.125 $\pm$ 1.720 χ^2/NDF :567.9/23

Out: 6.663 $\pm$ 1.588 χ^2/NDF :595.2/27

All: 6.875 $\pm$ 1.167 χ^2/NDF : 1163.2/51

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 564.979 ± 3.104 $\chi^2/\text{NDF}: 339.9/8$

Right Out: 645.022 ± 4.758 $\chi^2/\text{NDF}: 3122.8/18$

Left In: 575.425 ± 3.305 $\chi^2/\text{NDF}: 159.1/6$

Left: 569.874 ± 2.263 $\chi^2/\text{NDF}: 504.4/15$

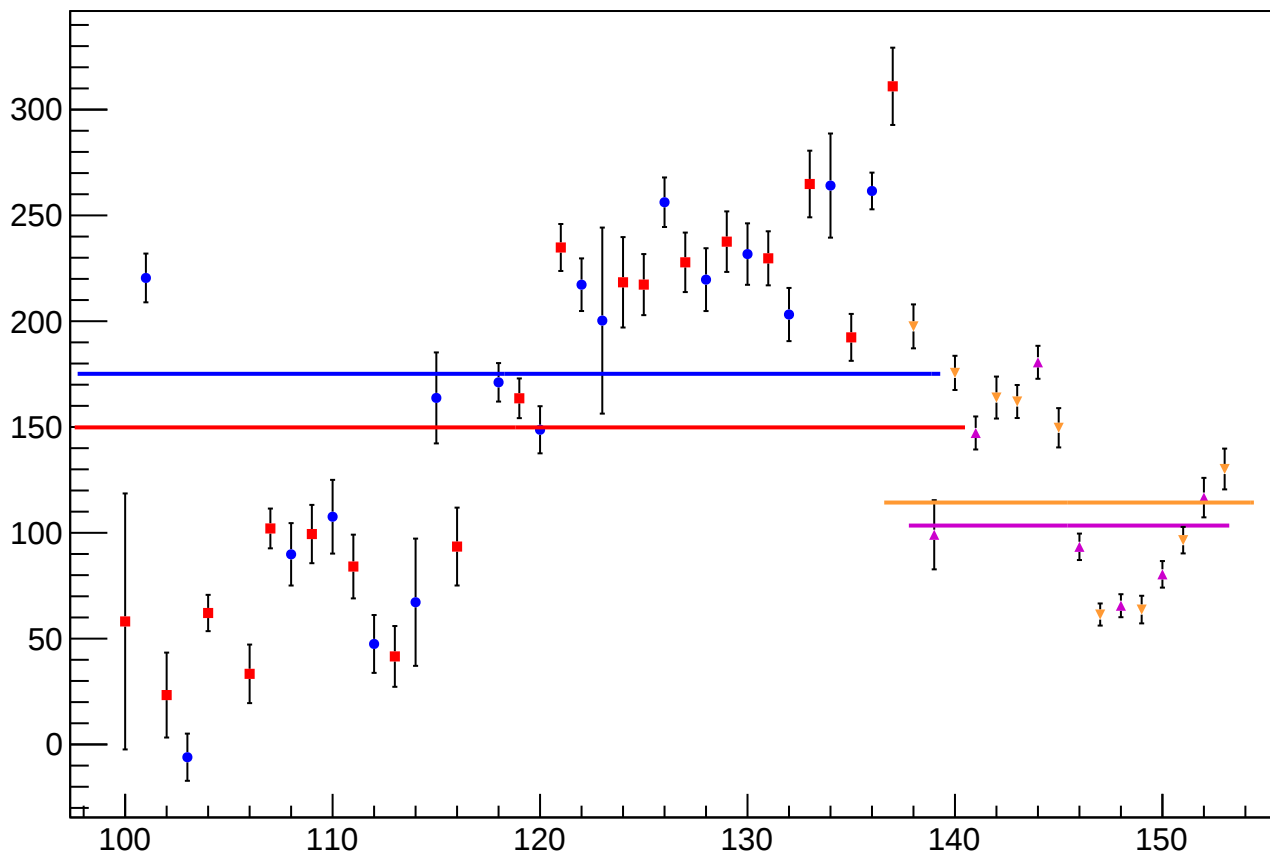
Right: 659.291 ± 3.462 $\chi^2/\text{NDF}: 5724.6/35$

In: 605.426 ± 2.765 $\chi^2/\text{NDF}: 3016.2/23$

Out: 588.874 ± 2.600 $\chi^2/\text{NDF}: 3661.3/27$

All: 596.640 ± 1.894 $\chi^2/\text{NDF}: 6696.5/51$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 114.314 ± 2.507 $\chi^2/\text{NDF}: 372.1/8$

Right Out: 149.822 ± 3.041 $\chi^2/\text{NDF}: 688.5/18$

Left In: 103.433 ± 2.742 $\chi^2/\text{NDF}: 196.3/6$

Left: 109.360 ± 1.850 $\chi^2/\text{NDF}: 577.0/15$

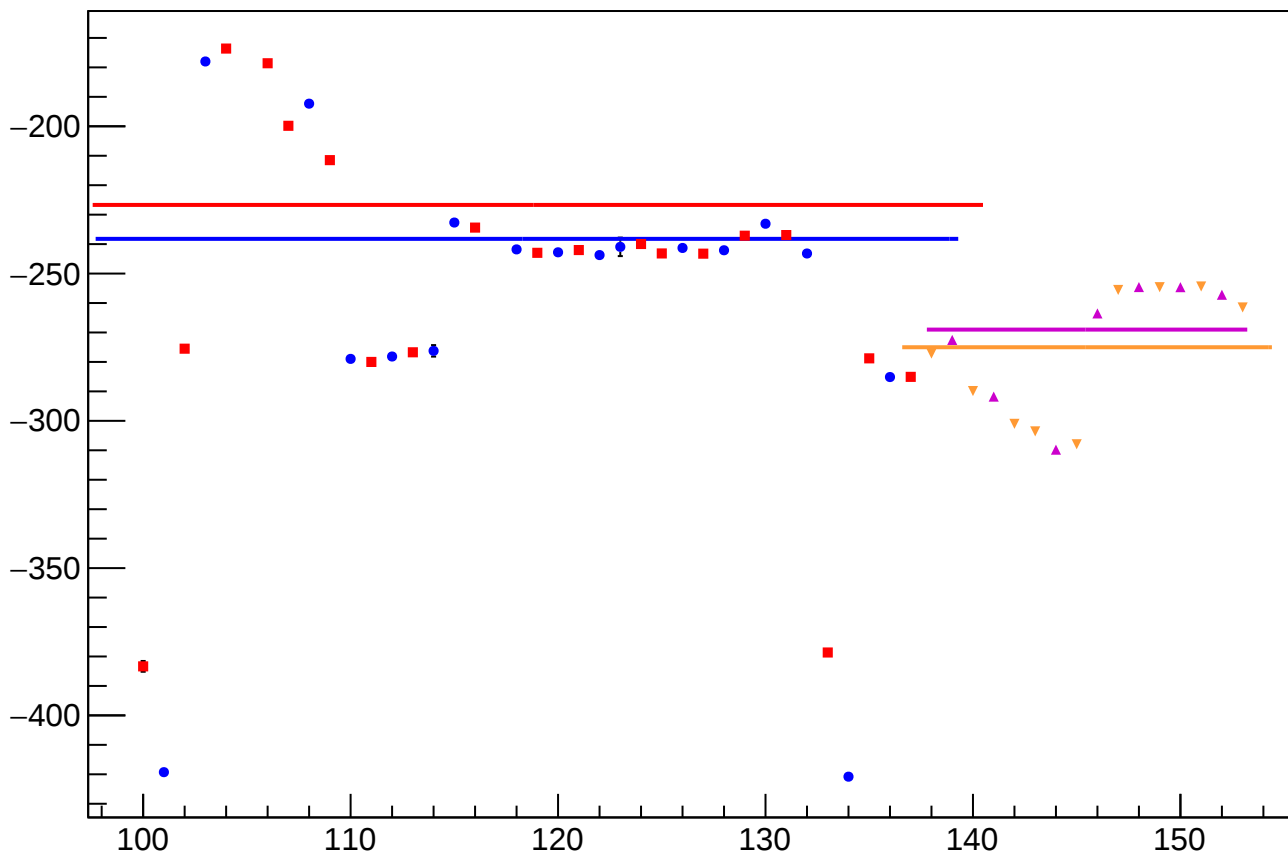
Right: 161.803 ± 2.208 $\chi^2/\text{NDF}: 1356.9/35$

In: 133.690 ± 2.085 $\chi^2/\text{NDF}: 1120.5/23$

Out: 128.677 ± 1.934 $\chi^2/\text{NDF}: 1141.8/27$

All: 130.996 ± 1.418 $\chi^2/\text{NDF}: 2265.4/51$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -275.013+/-0.130 χ^2/NDF : 26124.6/8

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -269.023+/-0.138 χ^2/NDF : 17577.5/6

Left: -272.185+/-0.095 χ^2/NDF : 44697.8/15

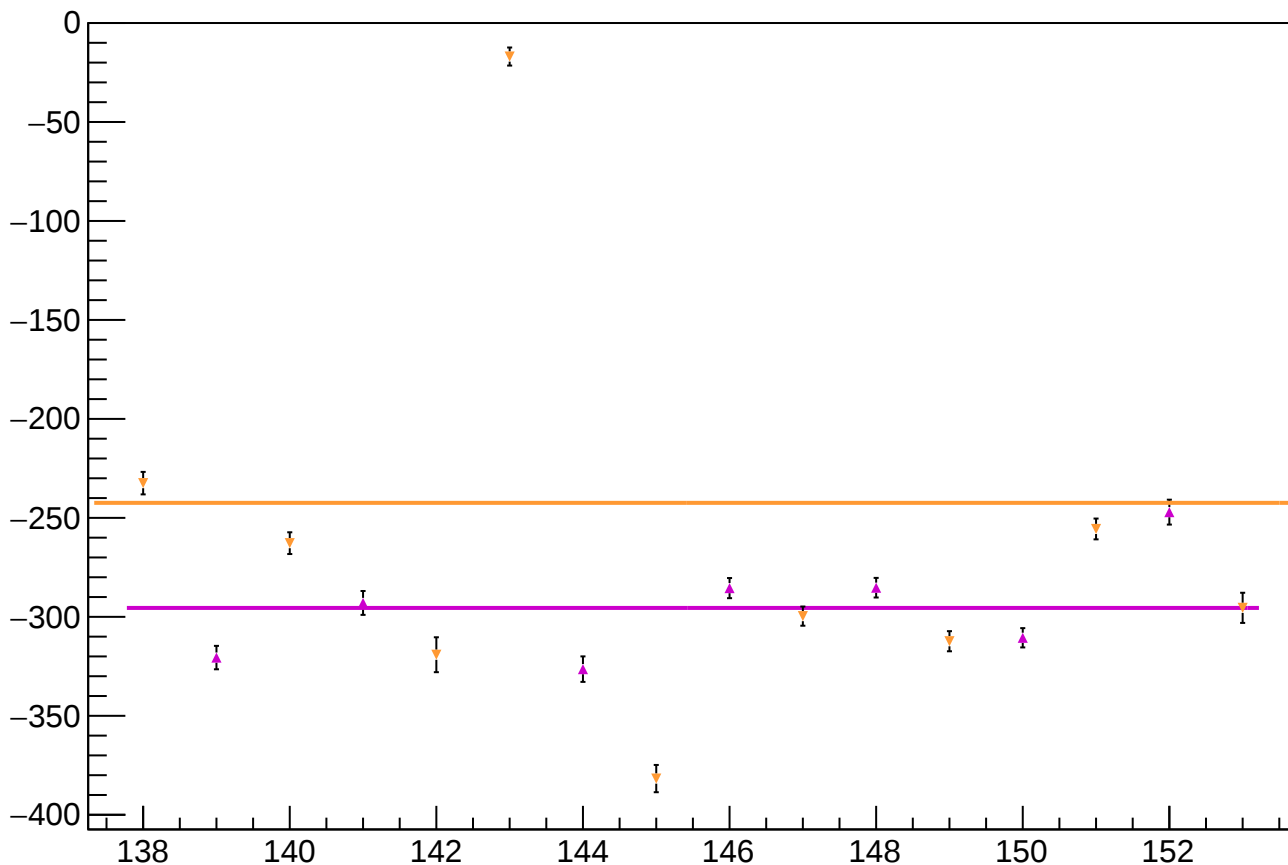
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -255.898+/-0.104 χ^2/NDF : 205936.0/23

Out: -254.372+/-0.099 χ^2/NDF : 187545.7/27

All: -255.092+/-0.072 χ^2/NDF : 393594.2/51

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -242.411+/-1.887 χ^2/NDF :3326.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -295.497+/-2.099 χ^2/NDF :118.2/6

Left: -266.136+/-1.403 χ^2/NDF : 3798.7/15

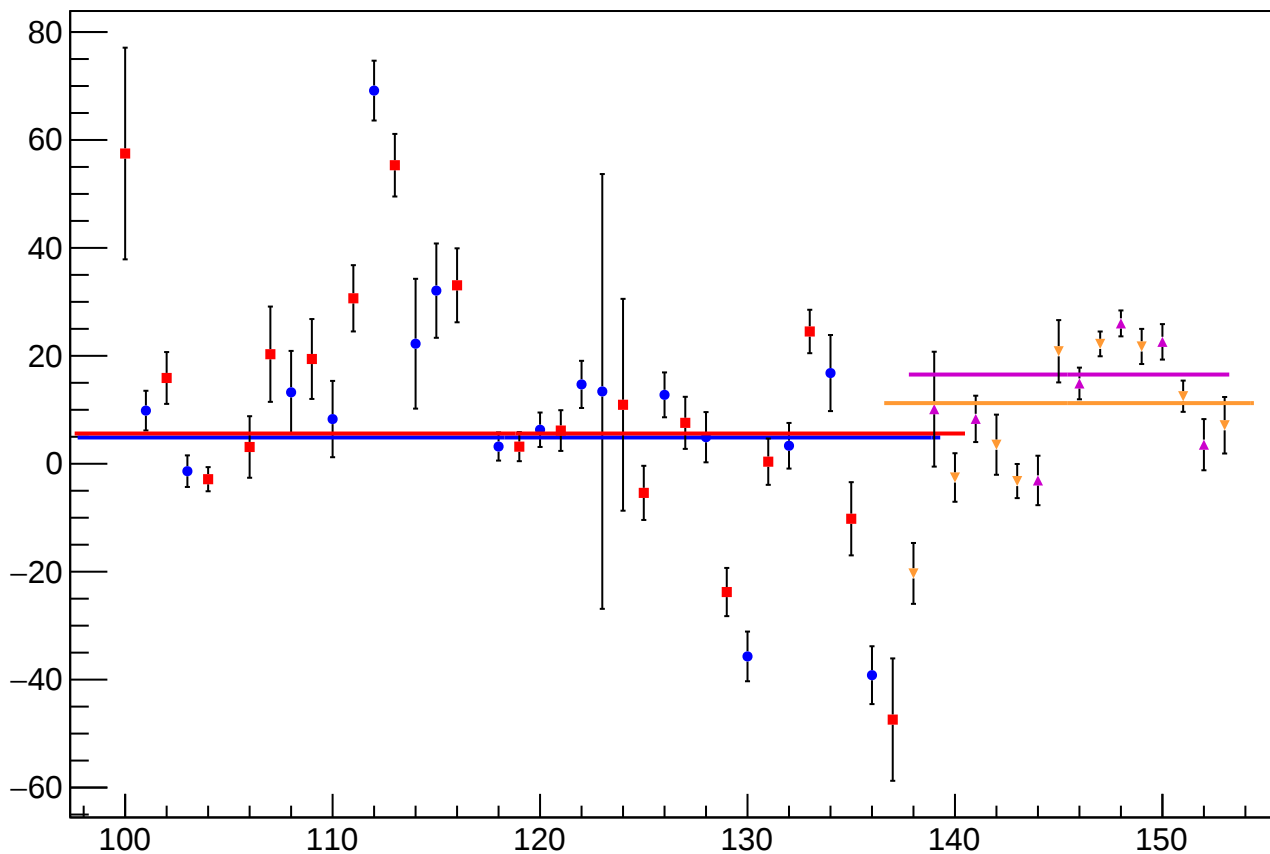
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.497+/-2.099 χ^2/NDF :118.2/6

Out: -242.411+/-1.887 χ^2/NDF :3326.7/8

All: -266.136+/-1.403 χ^2/NDF : 3798.7/15

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.238 ± 1.210 $\chi^2/\text{NDF}: 100.3/8$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 16.532 ± 1.364 $\chi^2/\text{NDF}: 49.2/6$

Left: 13.569 ± 0.905 $\chi^2/\text{NDF}: 157.9/15$

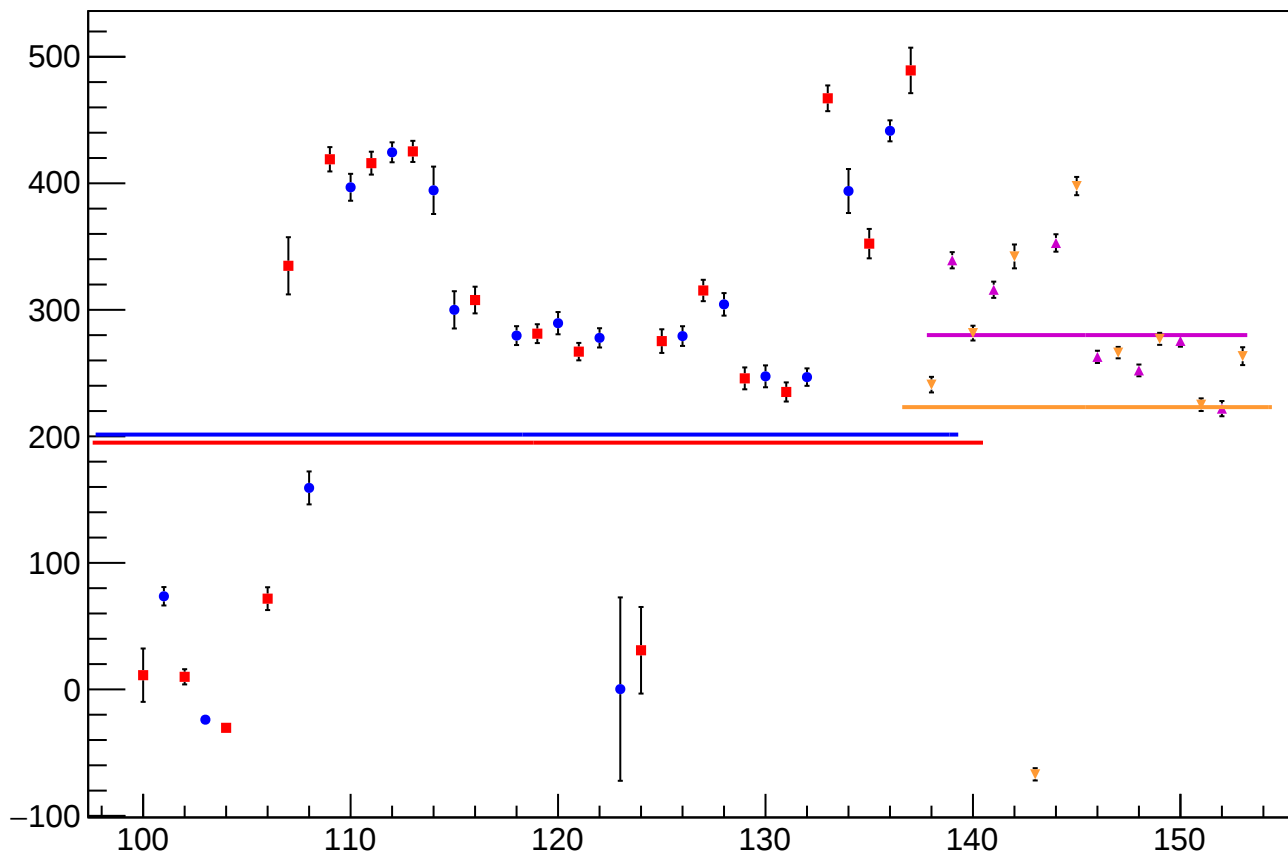
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.417 ± 0.852 $\chi^2/\text{NDF}: 405.3/23$

Out: 8.076 ± 0.801 $\chi^2/\text{NDF}: 351.0/27$

All: 8.705 ± 0.584 $\chi^2/\text{NDF}: 757.6/51$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 223.109 $\pm$ 1.885 χ^2 /NDF: 4660.8/8

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 280.038 $\pm$ 2.066 χ^2 /NDF: 371.0/6

Left: 248.973 $\pm$ 1.393 χ^2 /NDF: 5446.1/15

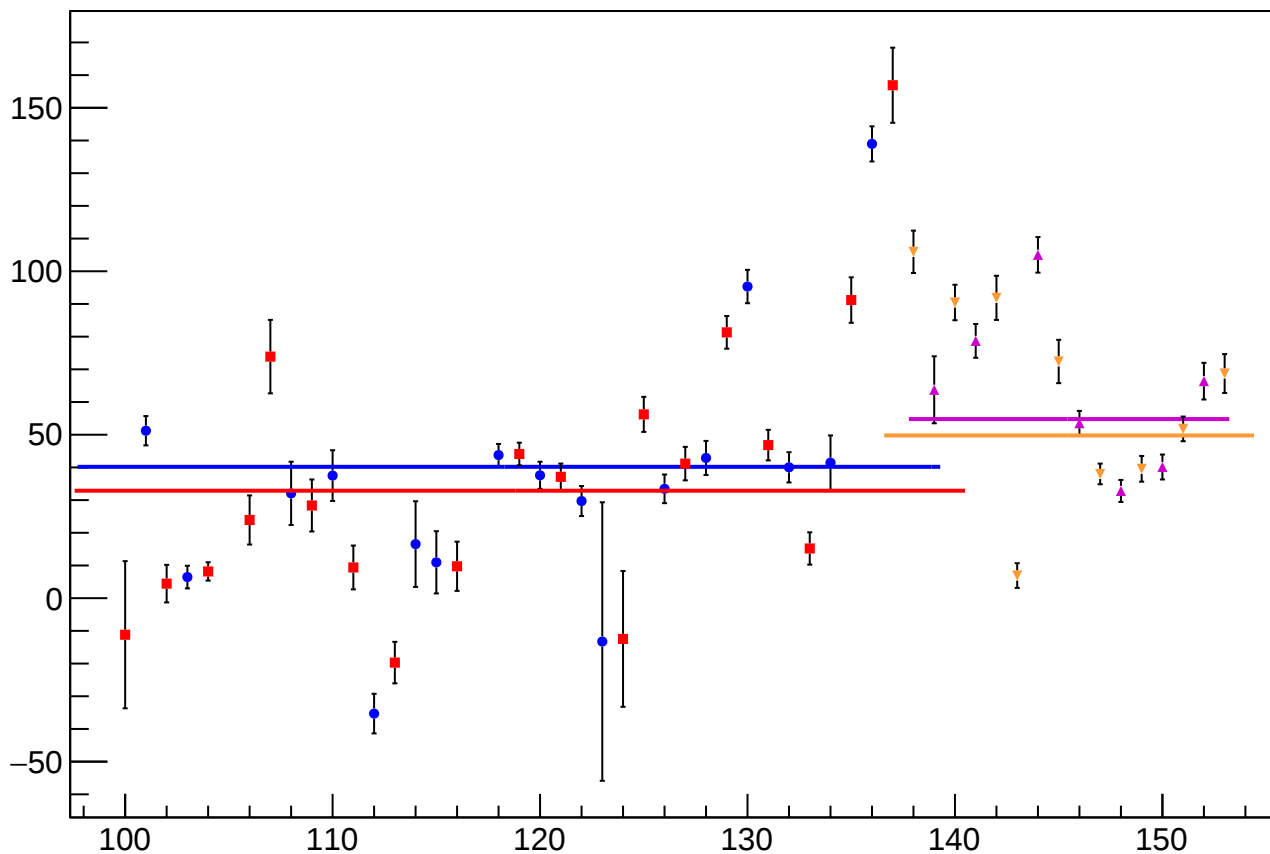
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 238.922 $\pm$ 1.427 χ^2 /NDF: 7868.8/23

Out: 209.345 $\pm$ 1.346 χ^2 /NDF: 13024.3/27

All: 223.272 $\pm$ 0.979 χ^2 /NDF: 21120.3/51

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 49.774 ± 1.515 $\chi^2/\text{NDF}: 341.3/8$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 54.789 ± 1.714 $\chi^2/\text{NDF}: 169.5/6$

Left: 51.974 ± 1.135 $\chi^2/\text{NDF}: 515.6/15$

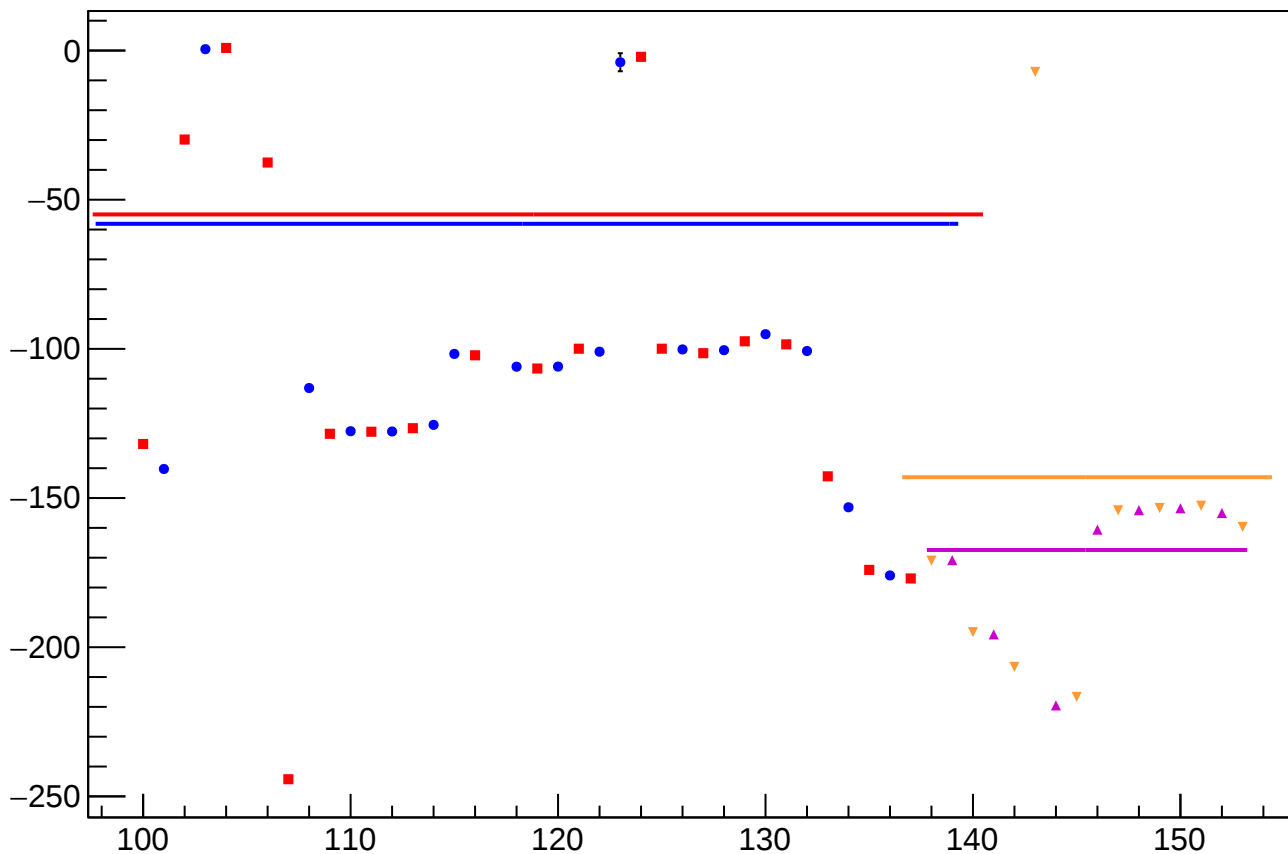
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 45.360 ± 1.020 $\chi^2/\text{NDF}: 950.4/23$

Out: 39.723 ± 0.965 $\chi^2/\text{NDF}: 966.3/27$

All: 42.383 ± 0.701 $\chi^2/\text{NDF}: 1932.8/51$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -143.008 $\pm$ 0.079 χ^2 /NDF: 644338.4/8

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -167.404 $\pm$ 0.086 χ^2 /NDF: 55187.0/6

Left: -154.153 $\pm$ 0.058 χ^2 /NDF: 742986.5/15

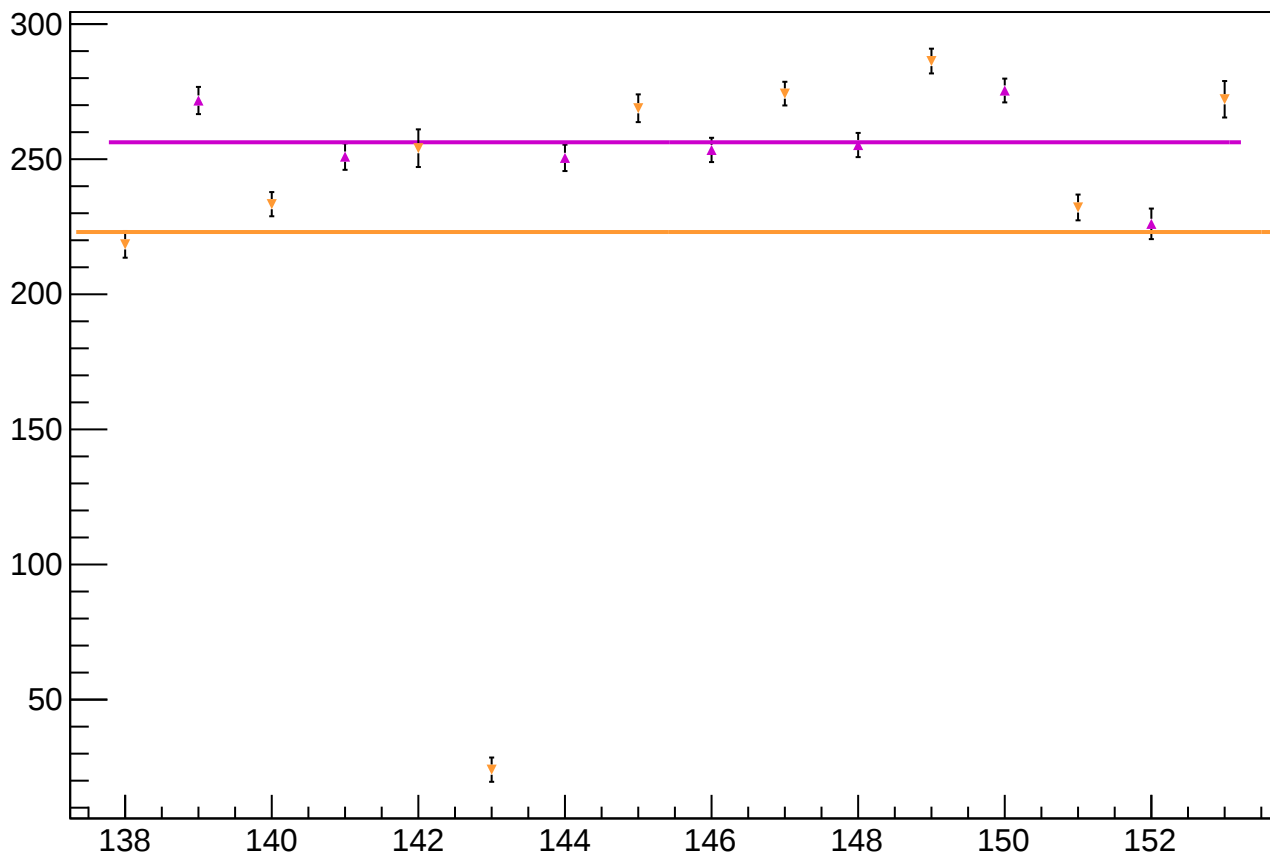
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -95.026 $\pm$ 0.050 χ^2 /NDF: 2223468.6/23

Out: -87.237 $\pm$ 0.048 χ^2 /NDF: 2433419.3/27

All: -90.954 $\pm$ 0.035 χ^2 /NDF: 4669503.2/51

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.261+/-1.809 χ^2/NDF :59.9/6

Left: 238.190+/-1.222 χ^2/NDF : 2695.2/15

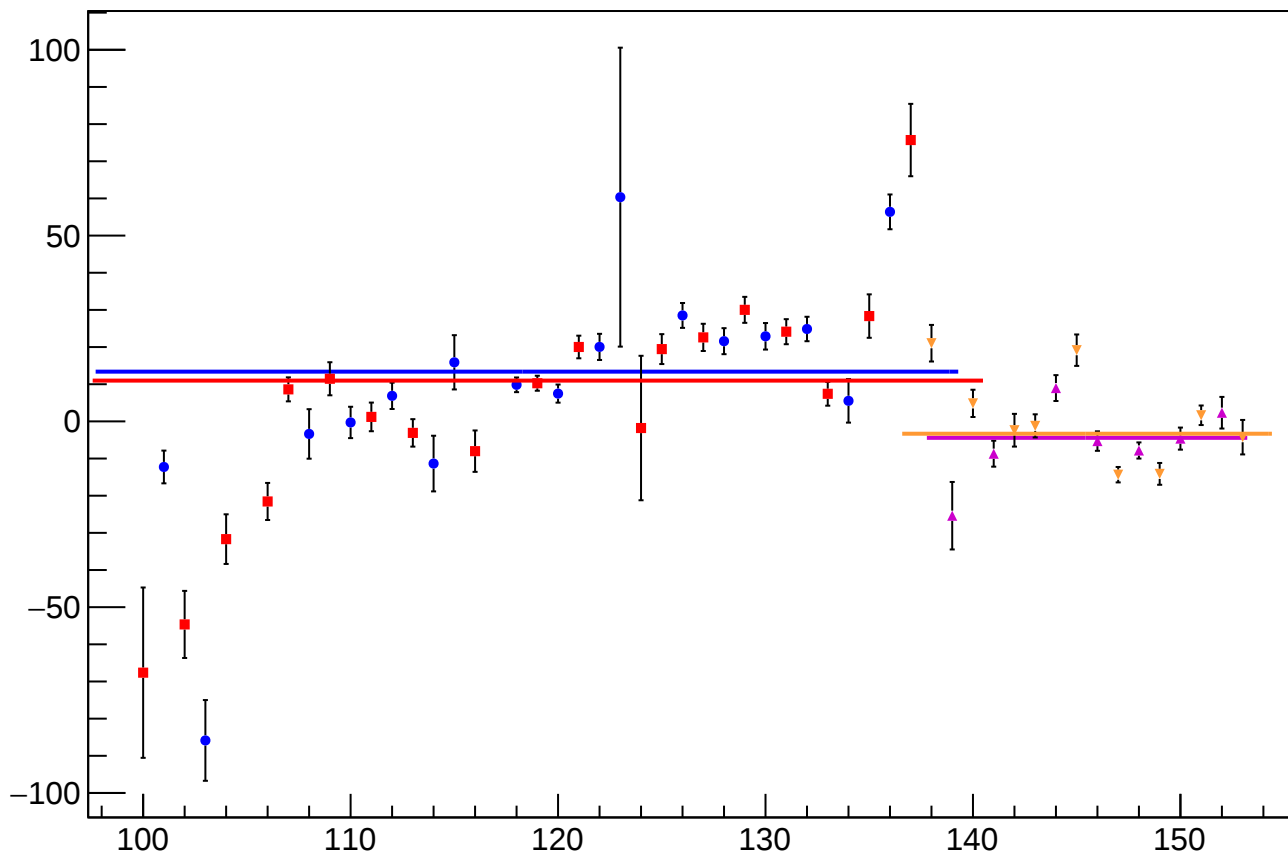
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.261+/-1.809 χ^2/NDF :59.9/6

Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

All: 238.190+/-1.222 χ^2/NDF : 2695.2/15

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: -3.322 $\pm$ 1.075 χ^2 /NDF:103.5/8

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -4.426 $\pm$ 1.193 χ^2 /NDF:26.7/6

Left: -3.817 $\pm$ 0.799 χ^2 /NDF: 130.7/15

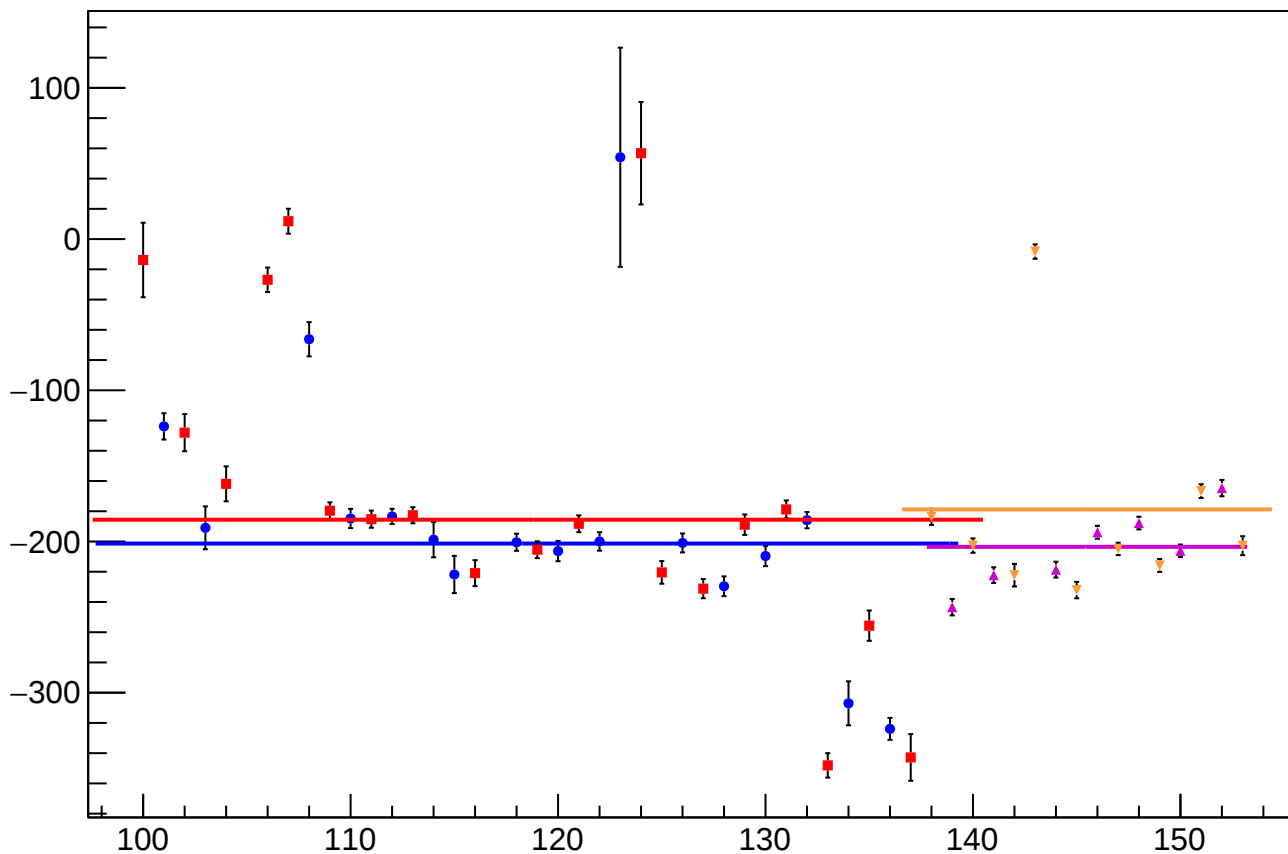
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 6.732 $\pm$ 0.729 χ^2 /NDF:460.5/23

Out: 4.973 $\pm$ 0.697 χ^2 /NDF:510.1/27

All: 5.813 $\pm$ 0.504 χ^2 /NDF: 973.6/51

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -190.219 +/- 1.218 χ^2/NDF : 1809.7/15

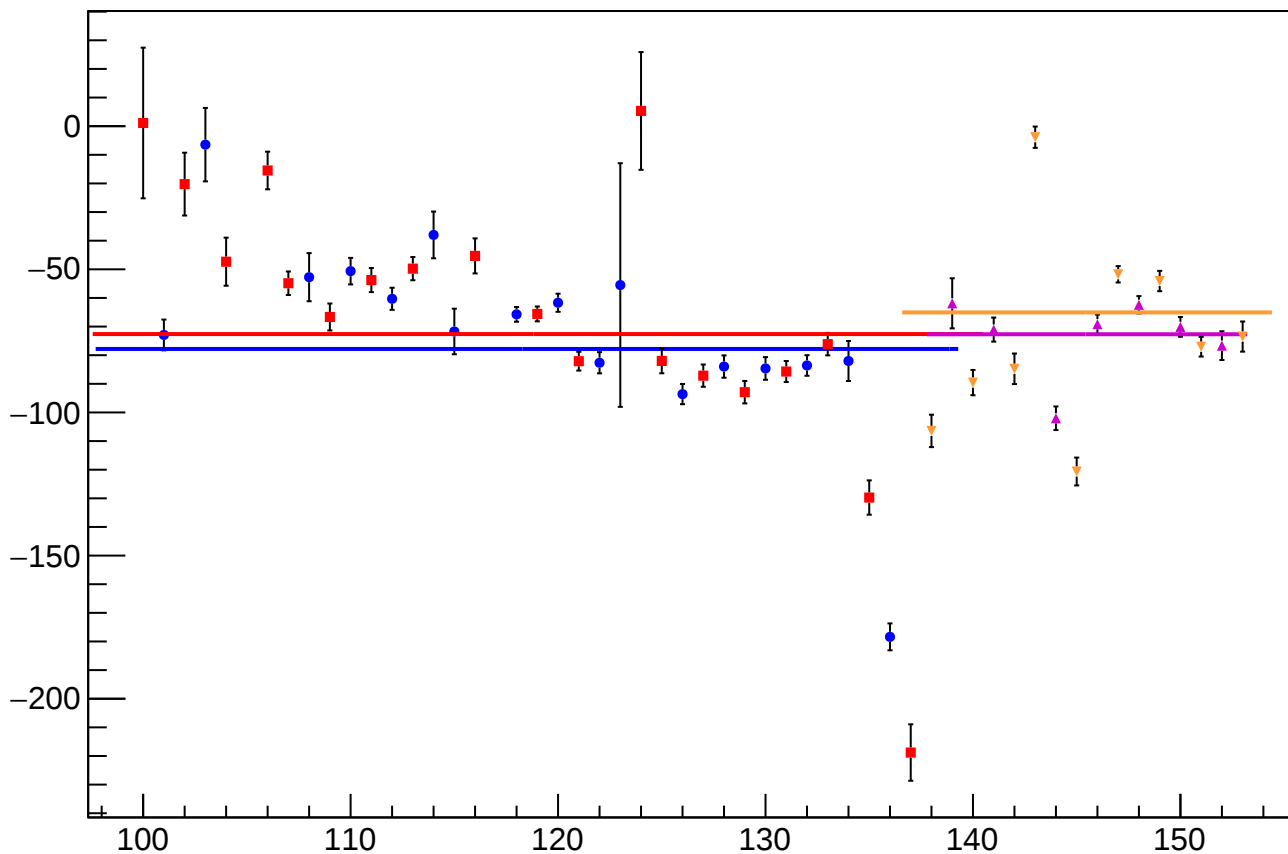
Right: -193.097 +/- 1.230 χ^2/NDF : 2414.3/35

In: -202.448 +/- 1.264 χ^2/NDF : 771.6/23

Out: -182.107 +/- 1.188 χ^2/NDF : 3317.6/27

All: -191.644 +/- 0.866 χ^2/NDF : 4226.7/51

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -65.051 ± 1.343 χ^2/NDF : 545.2/8

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -72.686 ± 1.492 χ^2/NDF : 66.0/6

Left: -68.468 ± 0.998 χ^2/NDF : 625.7/15

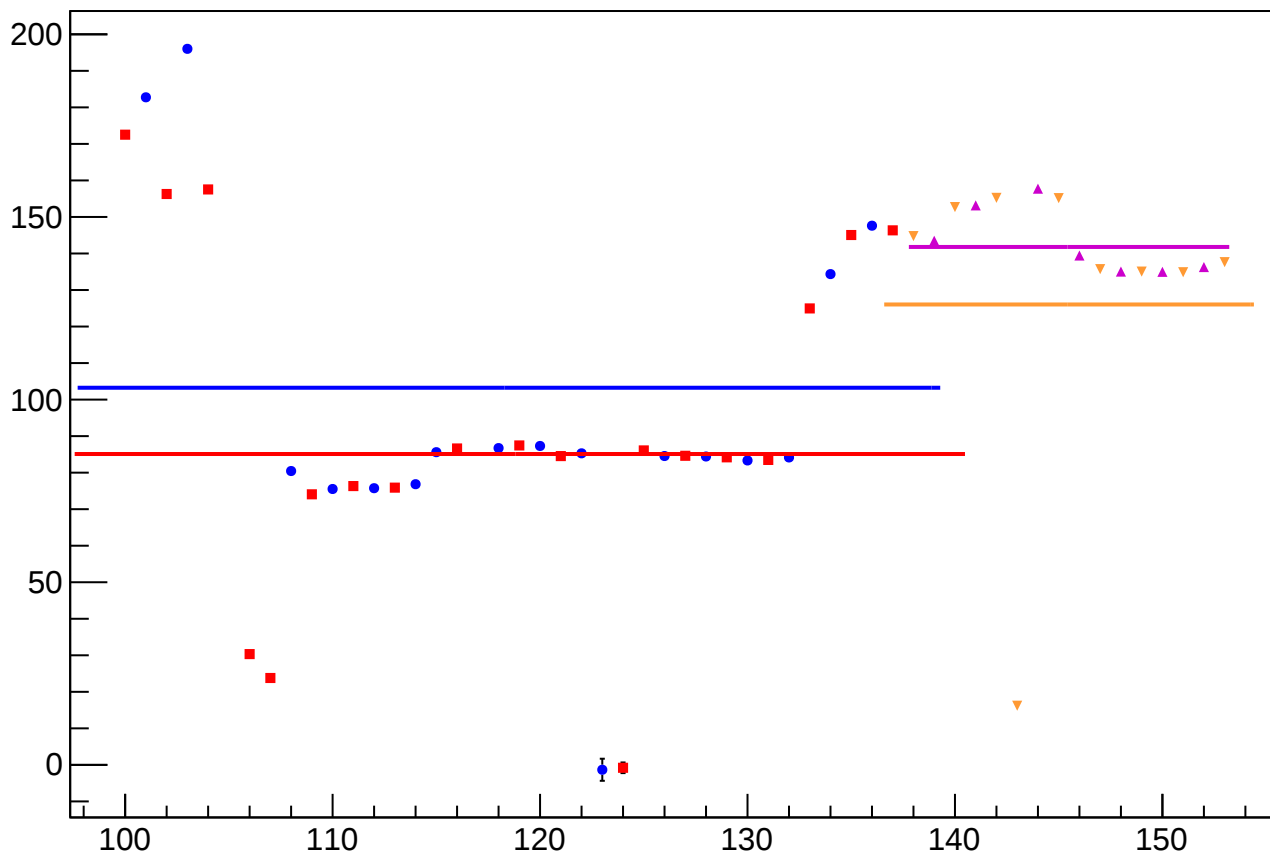
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -76.079 ± 0.868 χ^2/NDF : 730.1/23

Out: -69.736 ± 0.828 χ^2/NDF : 1171.7/27

All: -72.758 ± 0.599 χ^2/NDF : 1929.8/51

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.041 $\pm$ 0.070 χ^2 /NDF:388166.7/8

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 141.789 $\pm$ 0.075 χ^2 /NDF:11599.5/6

Left: 133.347 $\pm$ 0.051 χ^2 /NDF: 423560.4/15

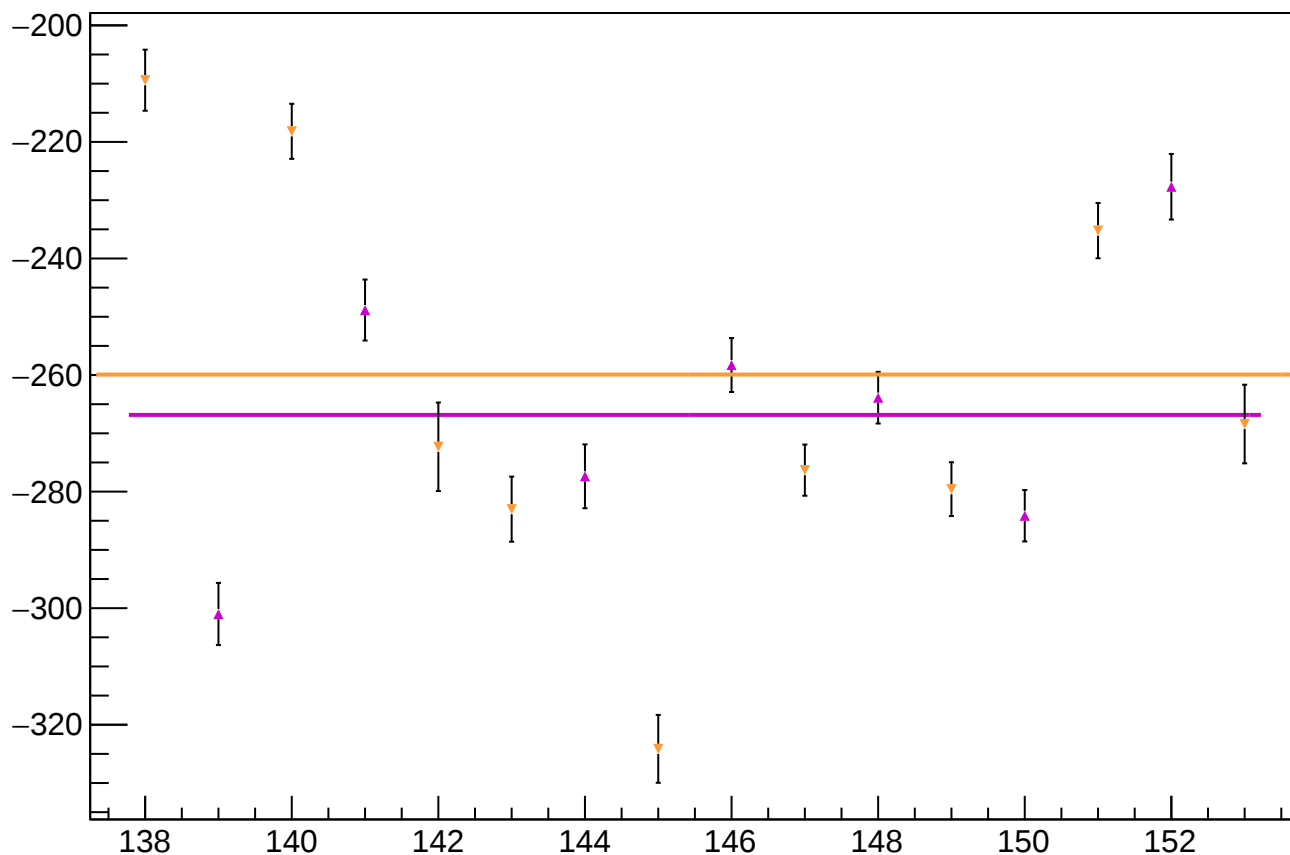
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 121.381 $\pm$ 0.051 χ^2 /NDF:425771.2/23

Out: 103.786 $\pm$ 0.047 χ^2 /NDF:1000098.8/27

All: 111.815 $\pm$ 0.035 χ^2 /NDF: 1489895.8/51

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.919+/-1.753 χ^2/NDF :373.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.838+/-1.871 χ^2/NDF :124.2/6

Left: -263.153+/-1.280 χ^2/NDF : 504.5/15

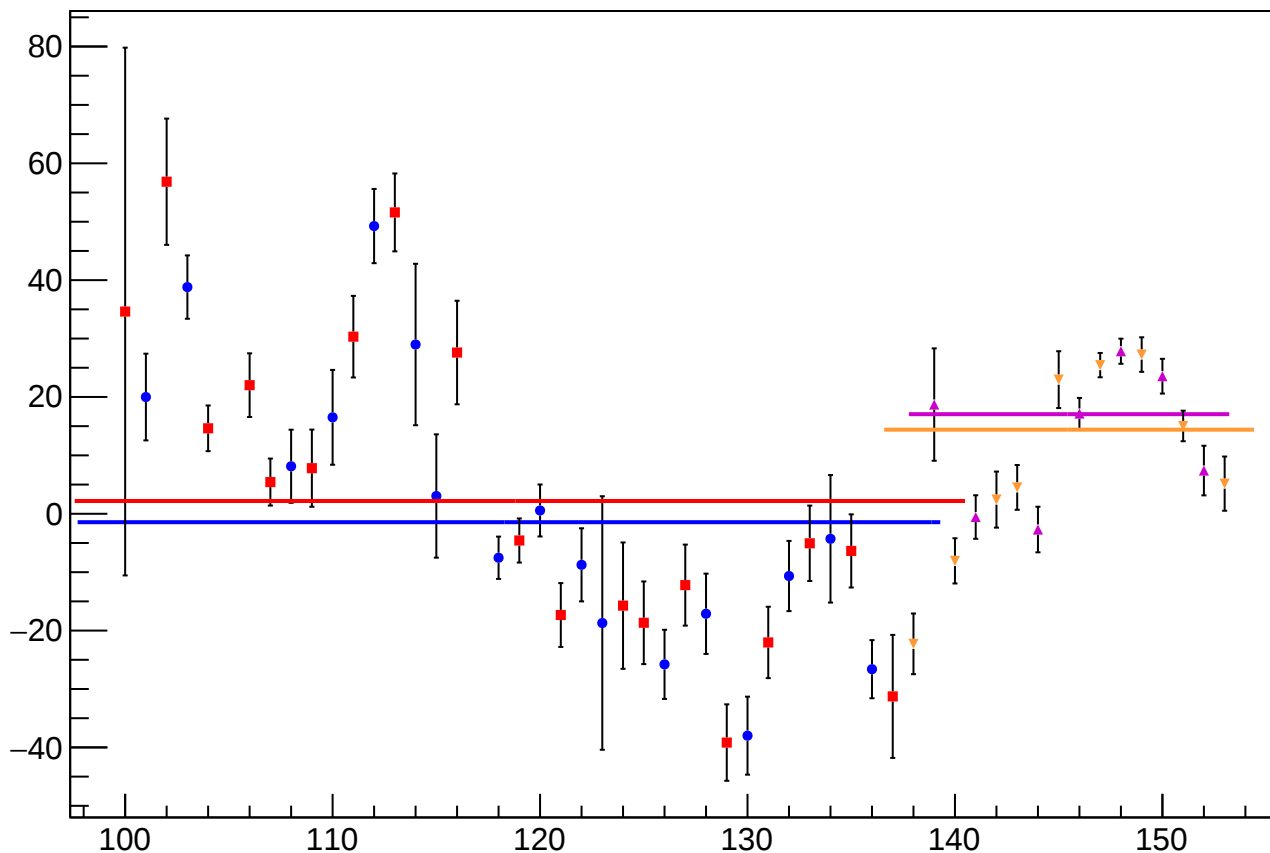
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.919+/-1.753 χ^2/NDF :373.1/8

All: -263.153+/-1.280 χ^2/NDF : 504.5/15

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 14.398 ± 1.121 $\chi^2/\text{NDF}: 150.6/8$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 17.051 ± 1.219 $\chi^2/\text{NDF}: 83.0/6$

Left: 15.614 ± 0.825 $\chi^2/\text{NDF}: 236.2/15$

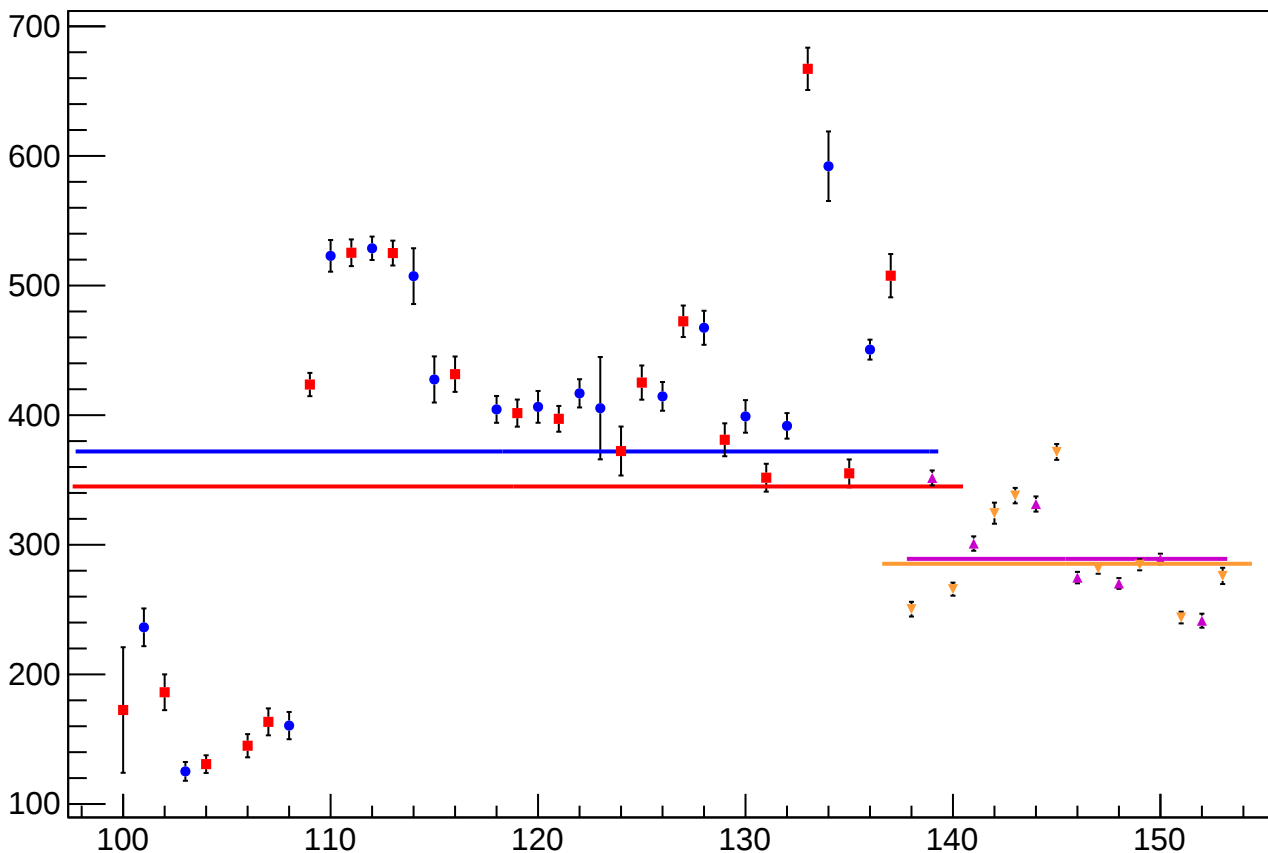
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.789 ± 0.950 $\chi^2/\text{NDF}: 397.8/23$

Out: 9.629 ± 0.875 $\chi^2/\text{NDF}: 427.6/27$

All: 9.702 ± 0.644 $\chi^2/\text{NDF}: 825.4/51$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 χ^2/NDF : 2431.2/16

Left Out: 285.350 ± 1.745 χ^2/NDF : 441.0/8

Right Out: 344.990 ± 2.561 χ^2/NDF : 3414.4/18

Left In: 289.137 ± 1.845 χ^2/NDF : 283.4/6

Left: 287.138 ± 1.268 χ^2/NDF : 726.6/15

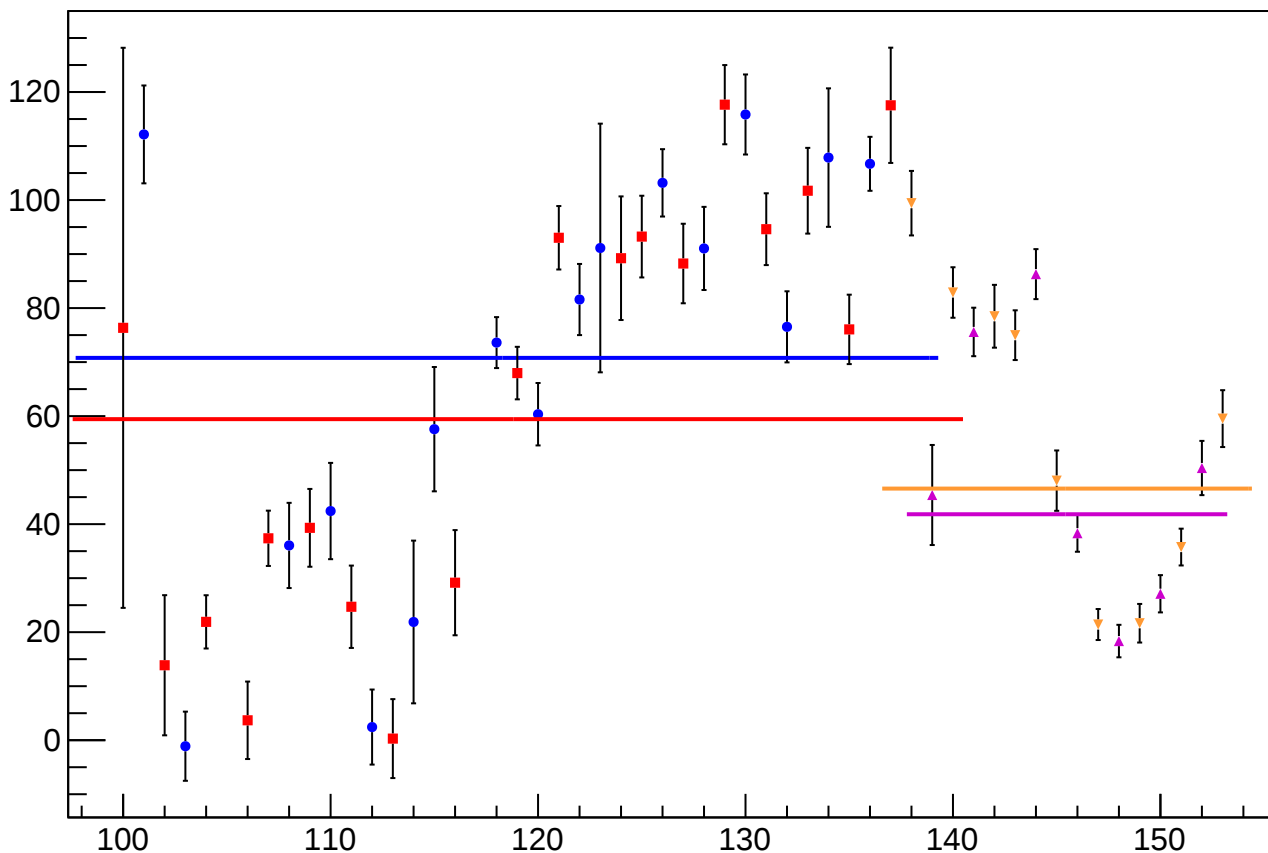
Right: 357.461 ± 1.879 χ^2/NDF : 5896.9/35

In: 314.672 ± 1.535 χ^2/NDF : 3336.0/23

Out: 304.269 ± 1.442 χ^2/NDF : 4225.7/27

All: 309.148 ± 1.051 χ^2/NDF : 7586.1/51

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 46.582 $\pm$ 1.408 χ^2 /NDF:348.5/8

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 41.831 $\pm$ 1.530 χ^2 /NDF:232.0/6

Left: 44.404 $\pm$ 1.036 χ^2 /NDF: 585.8/15

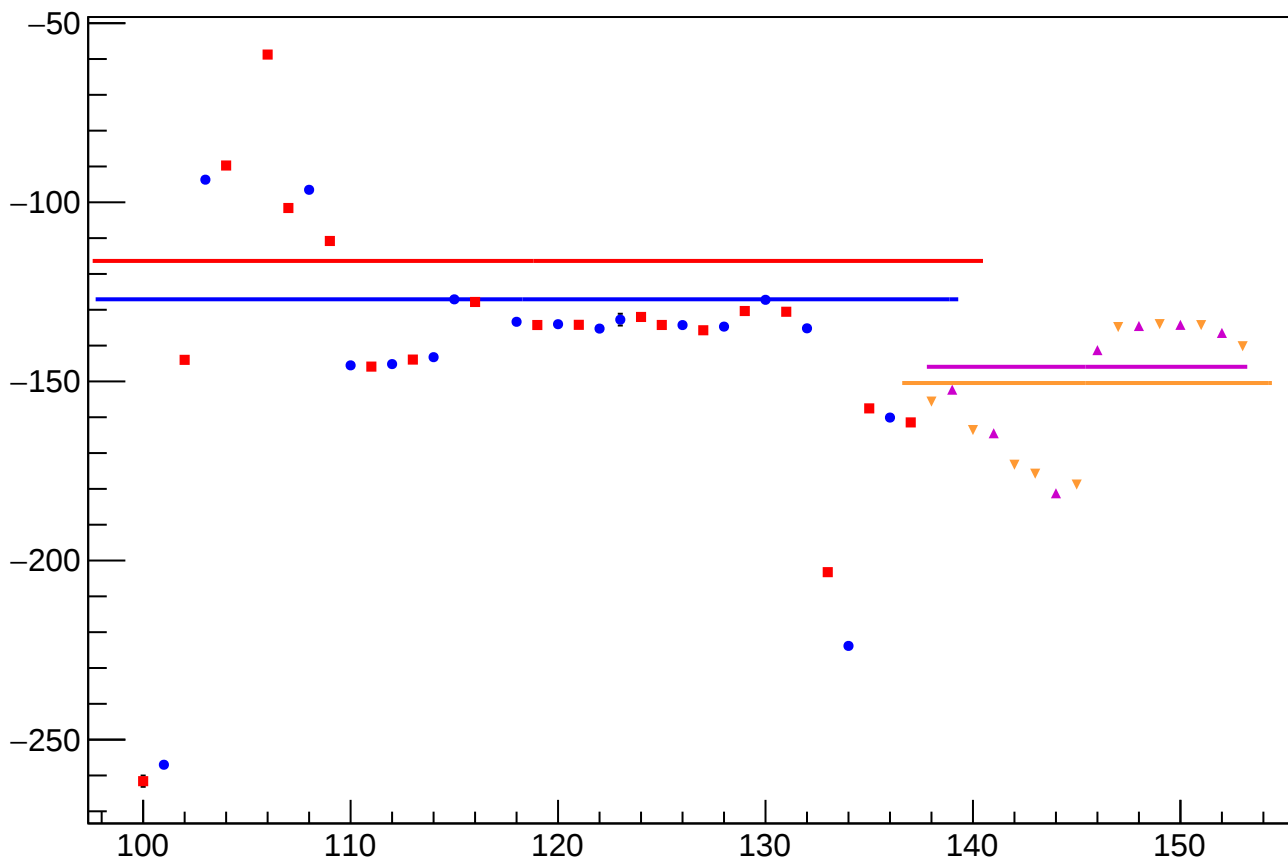
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 54.401 $\pm$ 1.151 χ^2 /NDF:811.4/23

Out: 52.070 $\pm$ 1.066 χ^2 /NDF:870.8/27

All: 53.146 $\pm$ 0.782 χ^2 /NDF: 1684.4/51

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 $\pm$ 0.090 χ^2 /NDF: 167028.9/16

Left Out: -150.445 $\pm$ 0.073 χ^2 /NDF: 56992.2/8

Right Out: -116.365 $\pm$ 0.083 χ^2 /NDF: 167555.3/18

Left In: -145.918 $\pm$ 0.077 χ^2 /NDF: 37748.3/6

Left: -148.289 $\pm$ 0.053 χ^2 /NDF: 96549.3/15

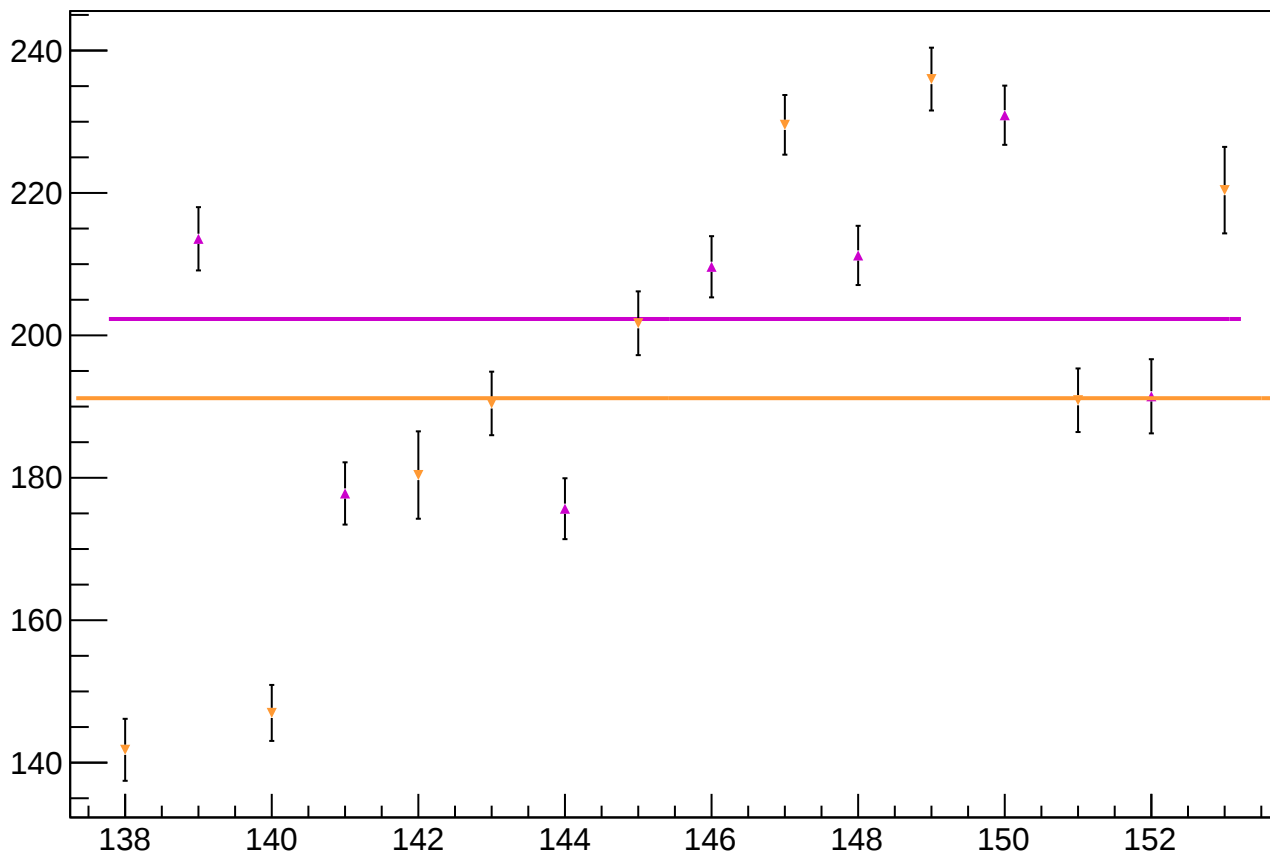
Right: -121.310 $\pm$ 0.061 χ^2 /NDF: 342291.2/35

In: -137.902 $\pm$ 0.058 χ^2 /NDF: 230227.7/23

Out: -135.456 $\pm$ 0.055 χ^2 /NDF: 319217.1/27

All: -136.605 $\pm$ 0.040 χ^2 /NDF: 550375.5/51

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 191.178+/-1.525 χ^2/NDF : 474.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.300+/-1.657 χ^2/NDF : 135.9/6

Left: 196.281+/-1.122 χ^2/NDF : 634.3/15

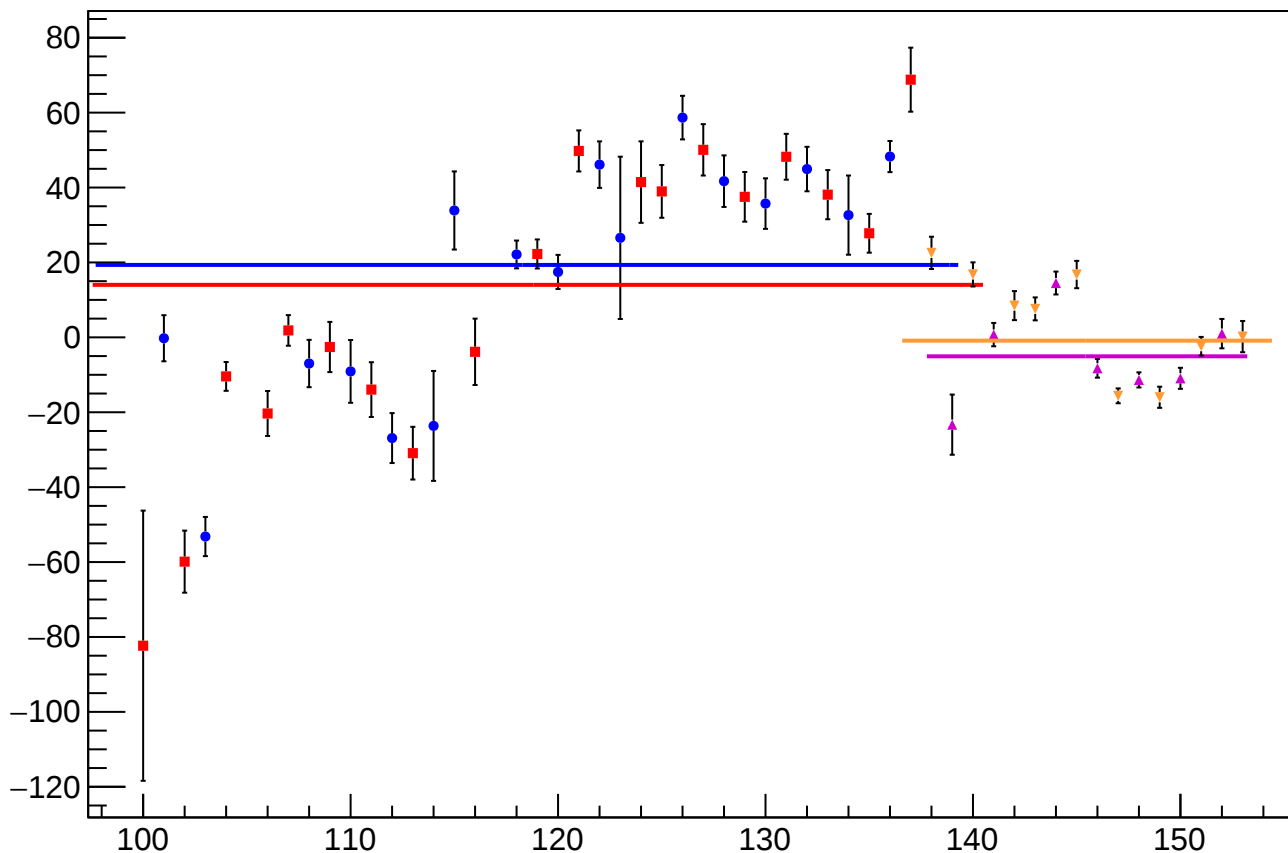
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF : 135.9/6

Out: 191.178+/-1.525 χ^2/NDF : 474.1/8

All: 196.281+/-1.122 χ^2/NDF : 634.3/15

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.879 ± 1.001 $\chi^2/\text{NDF}: 180.8/8$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -5.065 ± 1.102 $\chi^2/\text{NDF}: 67.8/6$

Left: -2.772 ± 0.741 $\chi^2/\text{NDF}: 256.5/15$

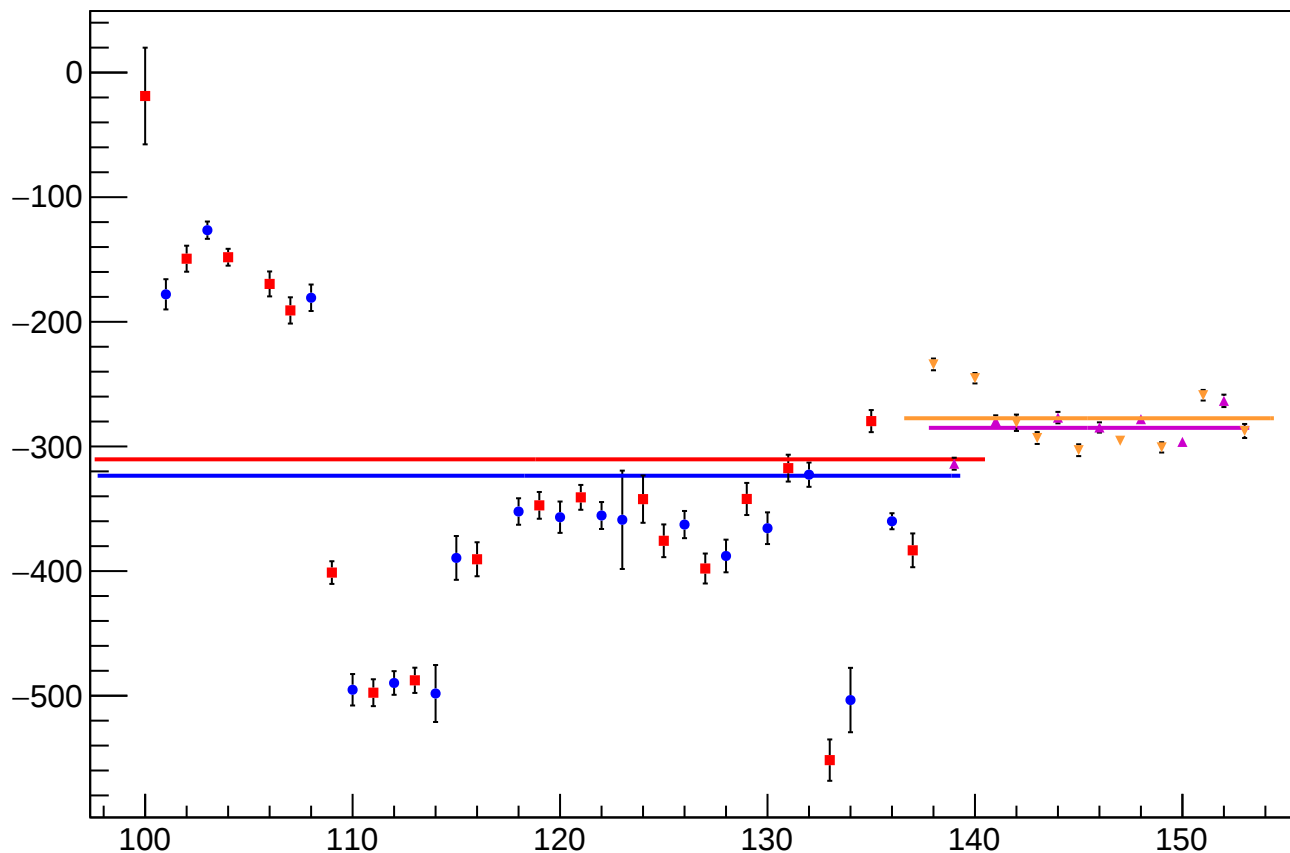
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.624 ± 0.885 $\chi^2/\text{NDF}: 682.2/23$

Out: 4.208 ± 0.812 $\chi^2/\text{NDF}: 689.6/27$

All: 3.941 ± 0.598 $\chi^2/\text{NDF}: 1372.0/51$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -277.374 ± 1.535 χ^2/NDF : 258.9/8

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -285.073 ± 1.647 χ^2/NDF : 70.8/6

Left: -280.952 ± 1.123 χ^2/NDF : 341.4/15

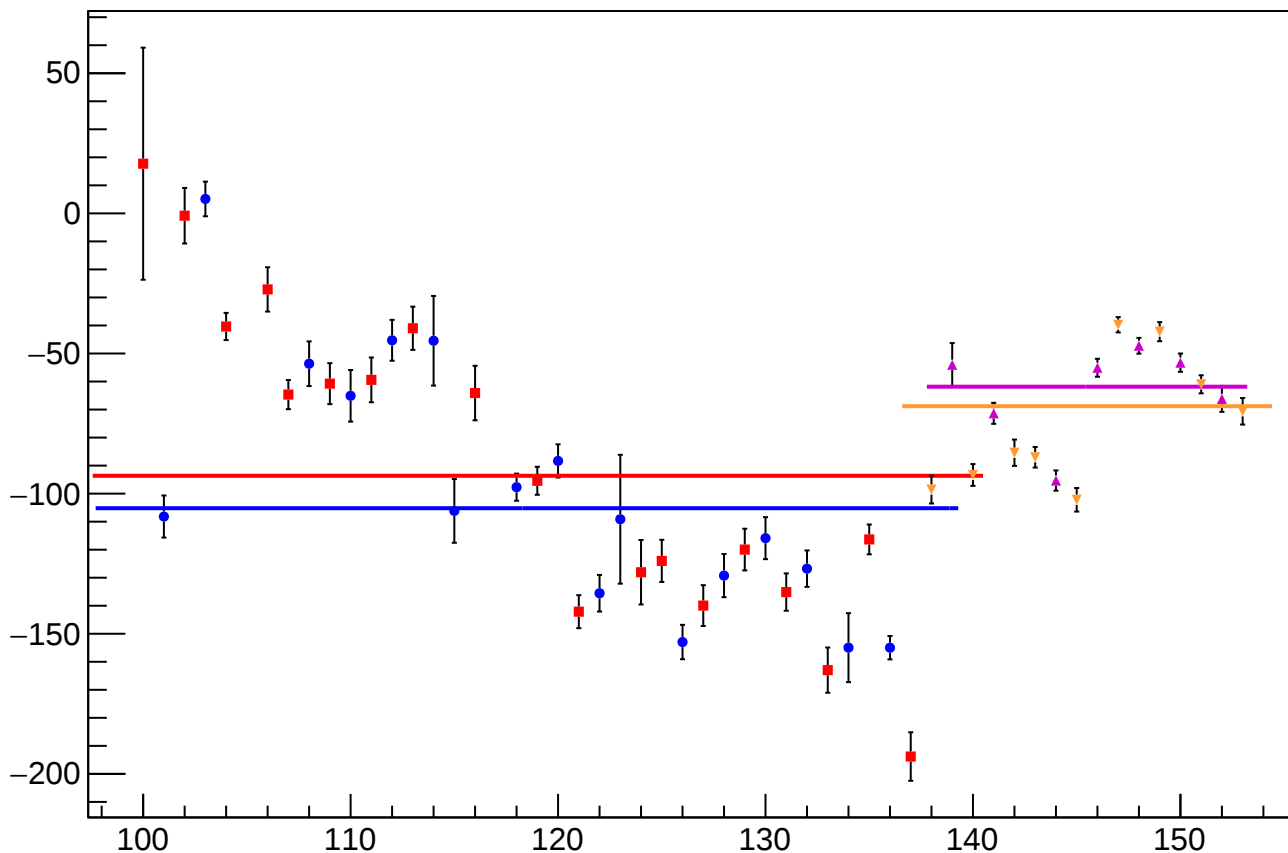
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -295.645 ± 1.402 χ^2/NDF : 2068.1/23

Out: -286.282 ± 1.311 χ^2/NDF : 2684.1/27

All: -290.650 ± 0.958 χ^2/NDF : 4776.1/51

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.796 ± 1.247 χ^2/NDF : 355.4/8

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

Left: -65.661 ± 0.924 χ^2/NDF : 501.6/15

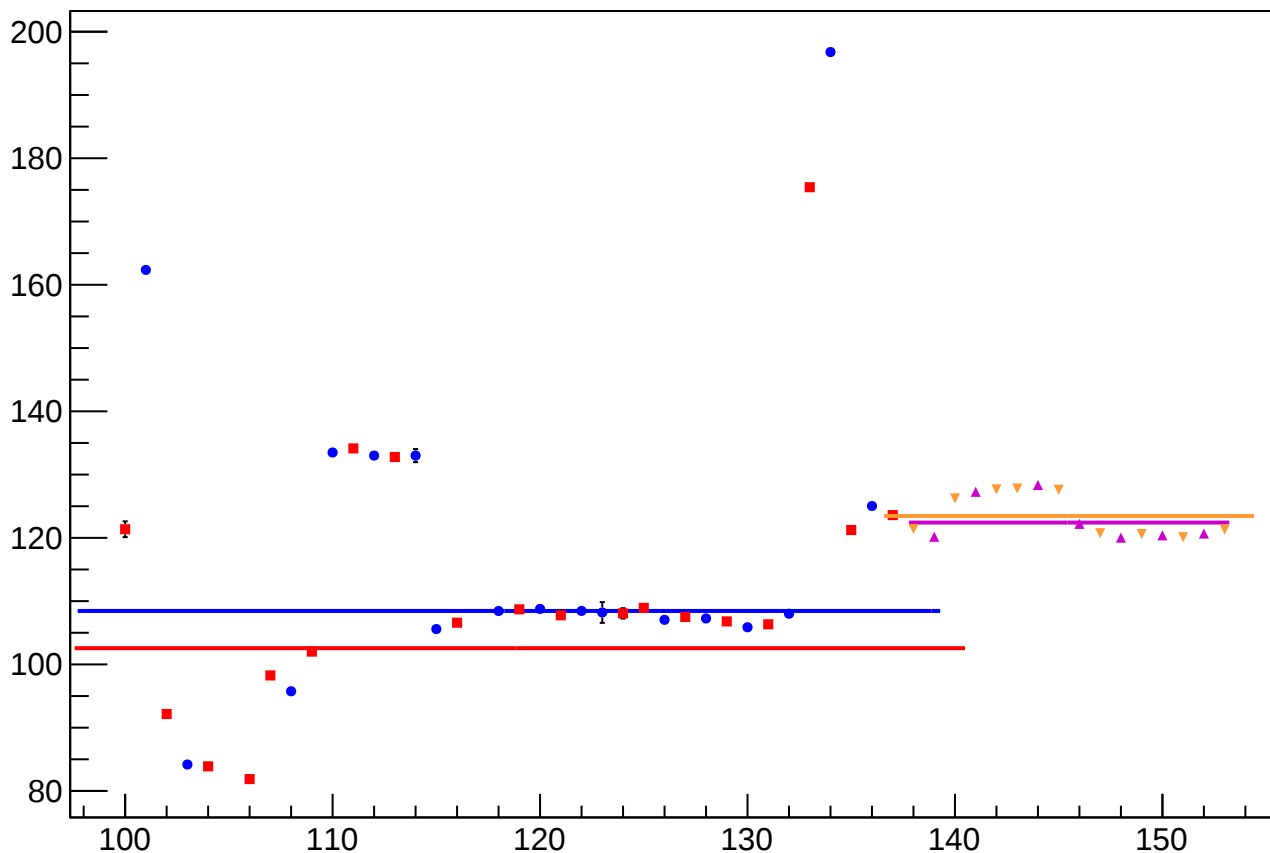
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -79.047 ± 1.069 χ^2/NDF : 1261.7/23

Out: -78.110 ± 0.986 χ^2/NDF : 1326.7/27

All: -78.541 ± 0.725 χ^2/NDF : 2588.8/51

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.461 $\pm$ 0.064 χ^2 /NDF: 2523.3/8

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.419 $\pm$ 0.068 χ^2 /NDF: 2159.3/6

Left: 122.974 $\pm$ 0.047 χ^2 /NDF: 4806.0/15

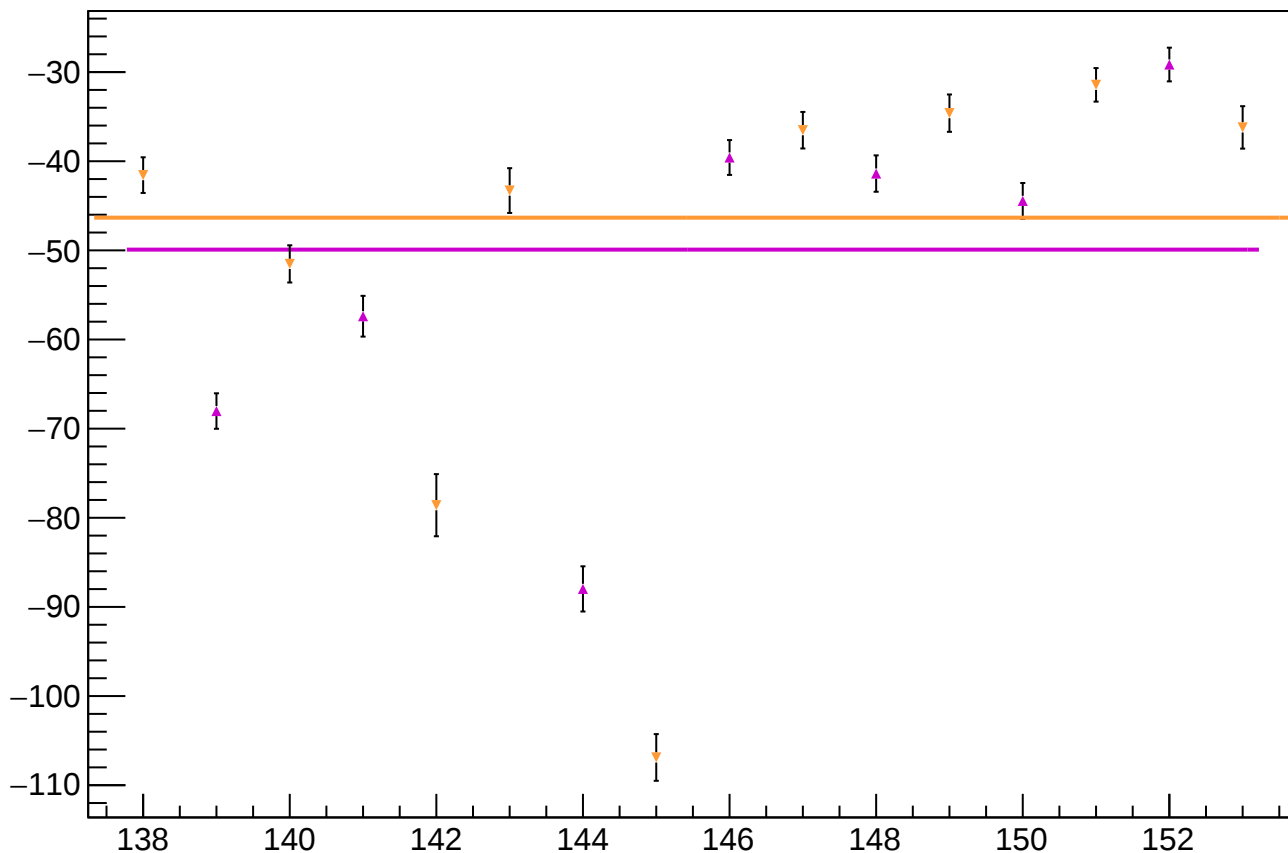
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 116.905 $\pm$ 0.053 χ^2 /NDF: 91857.5/23

Out: 115.216 $\pm$ 0.050 χ^2 /NDF: 97543.9/27

All: 116.006 $\pm$ 0.036 χ^2 /NDF: 189936.4/51

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Left: -48.039+/-0.541 χ^2/NDF : 1271.9/15

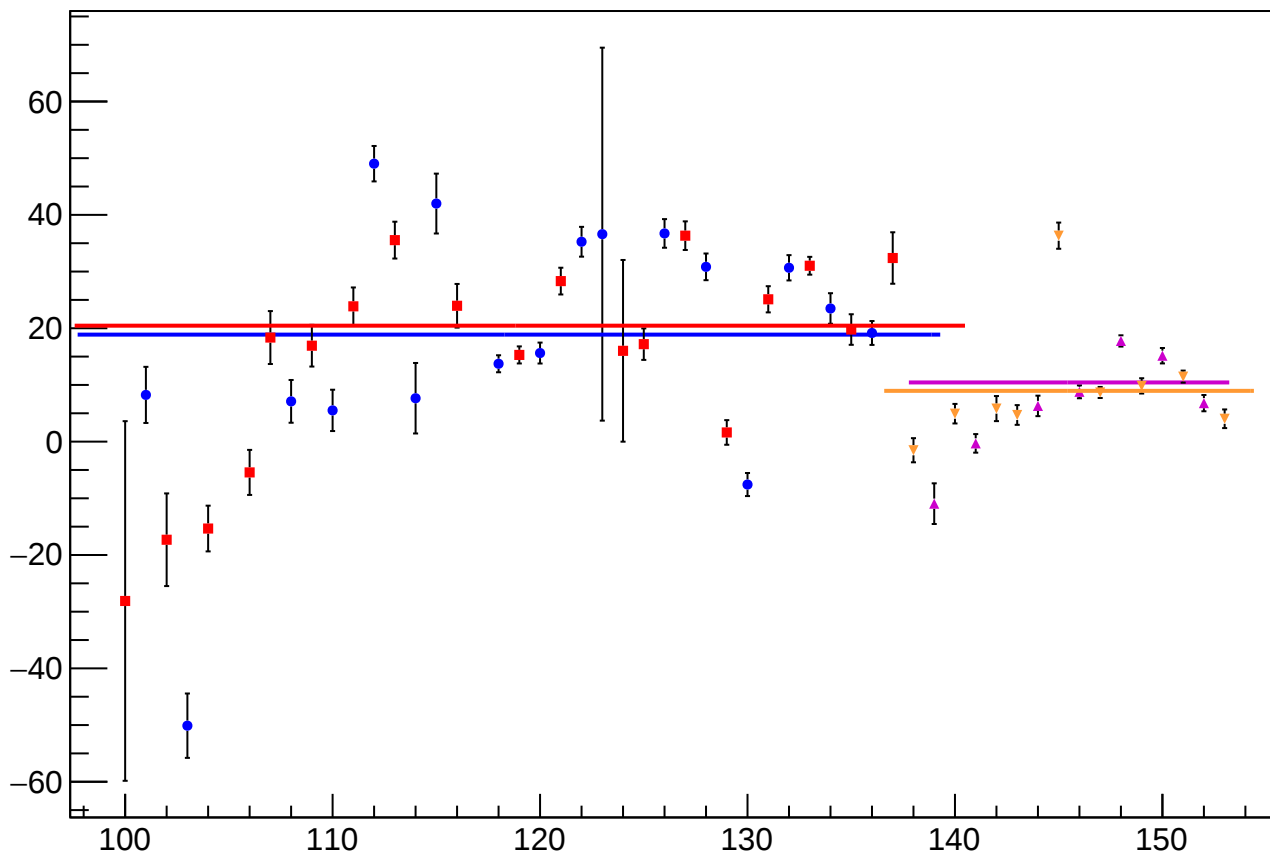
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

All: -48.039+/-0.541 χ^2/NDF : 1271.9/15

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.956 $\pm$ 0.492 χ^2 /NDF:193.0/8

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 10.439 $\pm$ 0.529 χ^2 /NDF:158.9/6

Left: 9.643 $\pm$ 0.360 χ^2 /NDF: 356.1/15

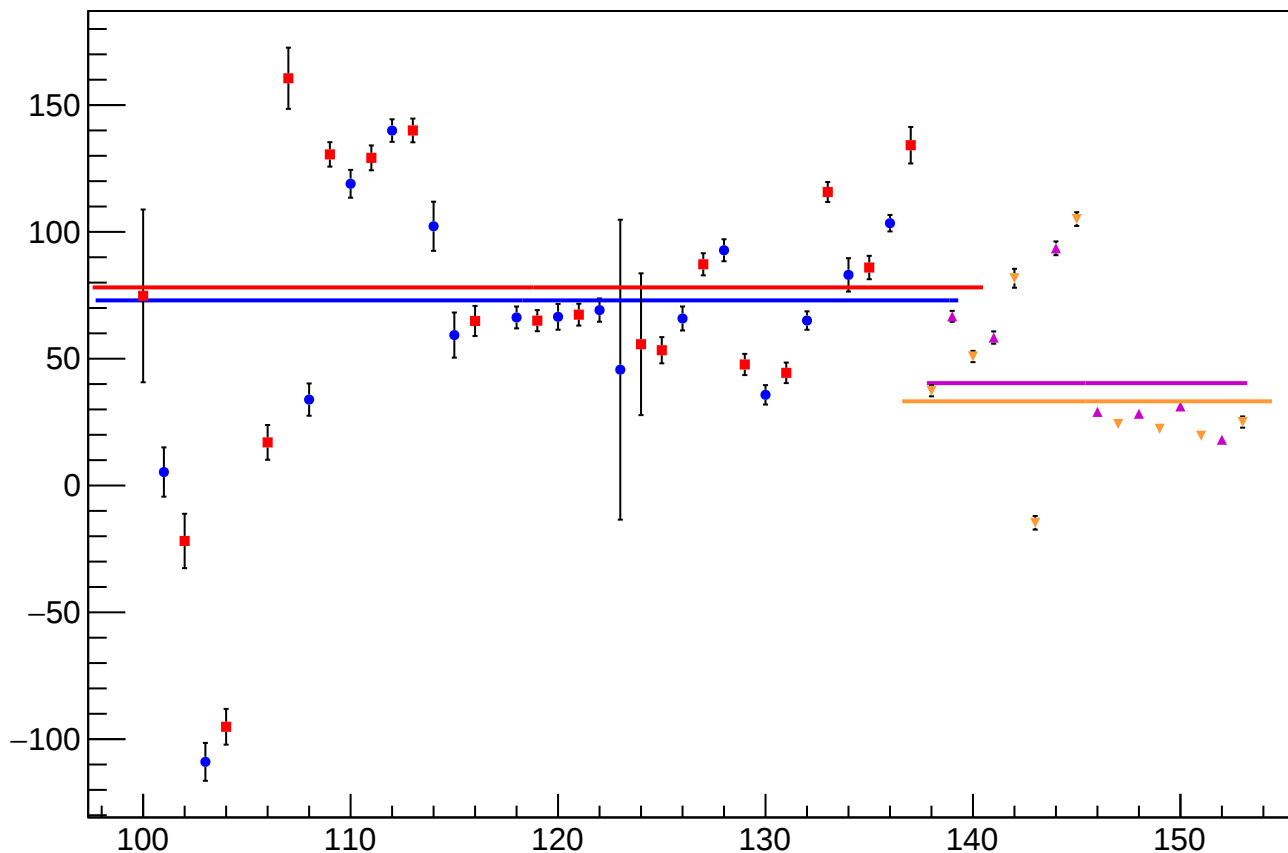
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 13.838 $\pm$ 0.409 χ^2 /NDF:881.7/23

Out: 13.195 $\pm$ 0.391 χ^2 /NDF:759.4/27

All: 13.502 $\pm$ 0.283 χ^2 /NDF: 1642.4/51

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 33.196 $\pm$ 0.744 χ^2 /NDF:1384.6/8

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 40.371 $\pm$ 0.774 χ^2 /NDF:840.8/6

Left: 36.638 $\pm$ 0.536 χ^2 /NDF: 2270.1/15

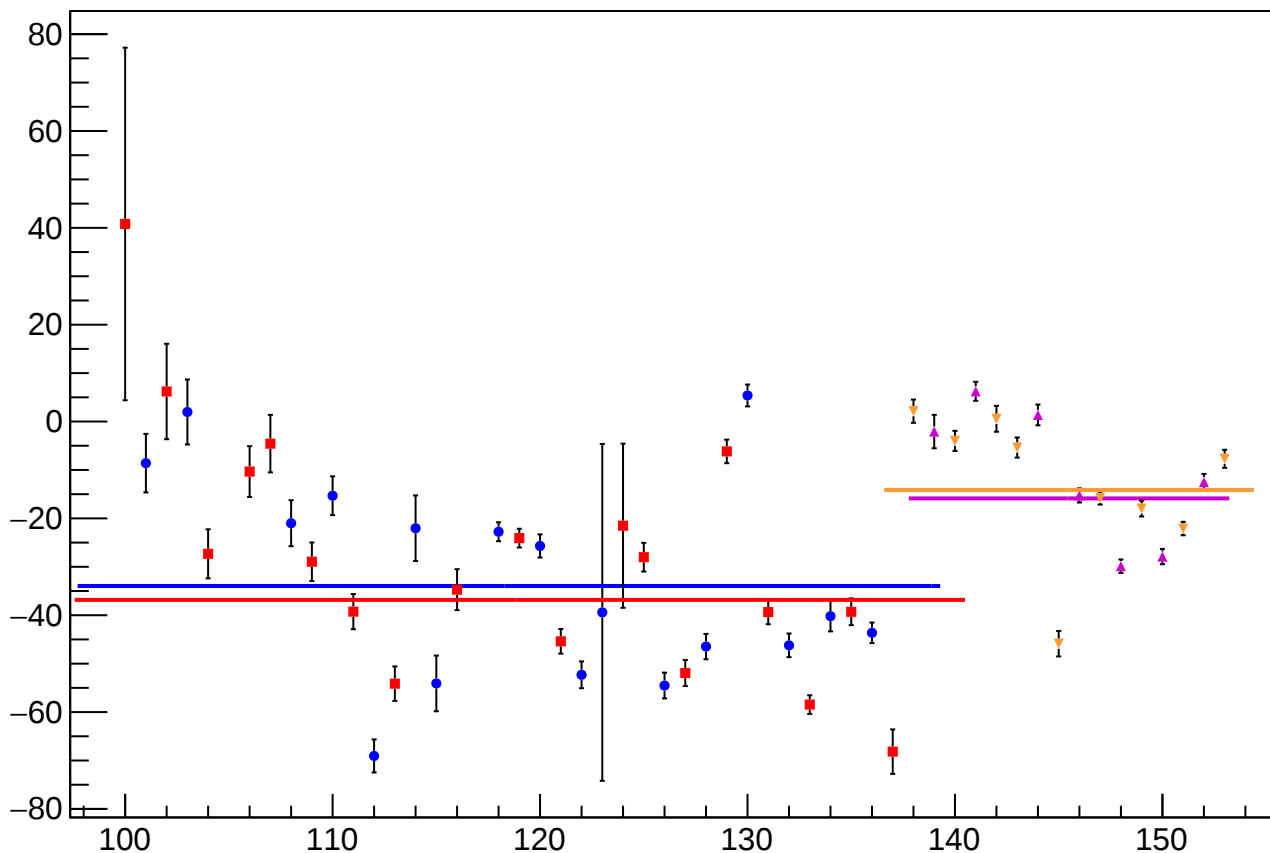
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 49.629 $\pm$ 0.655 χ^2 /NDF:2550.0/23

Out: 45.318 $\pm$ 0.635 χ^2 /NDF:3916.2/27

All: 47.407 $\pm$ 0.456 χ^2 /NDF: 6488.5/51

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -14.129 ± 0.613 χ^2/NDF : 315.6/8

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

Left: -14.937 ± 0.449 χ^2/NDF : 690.5/15

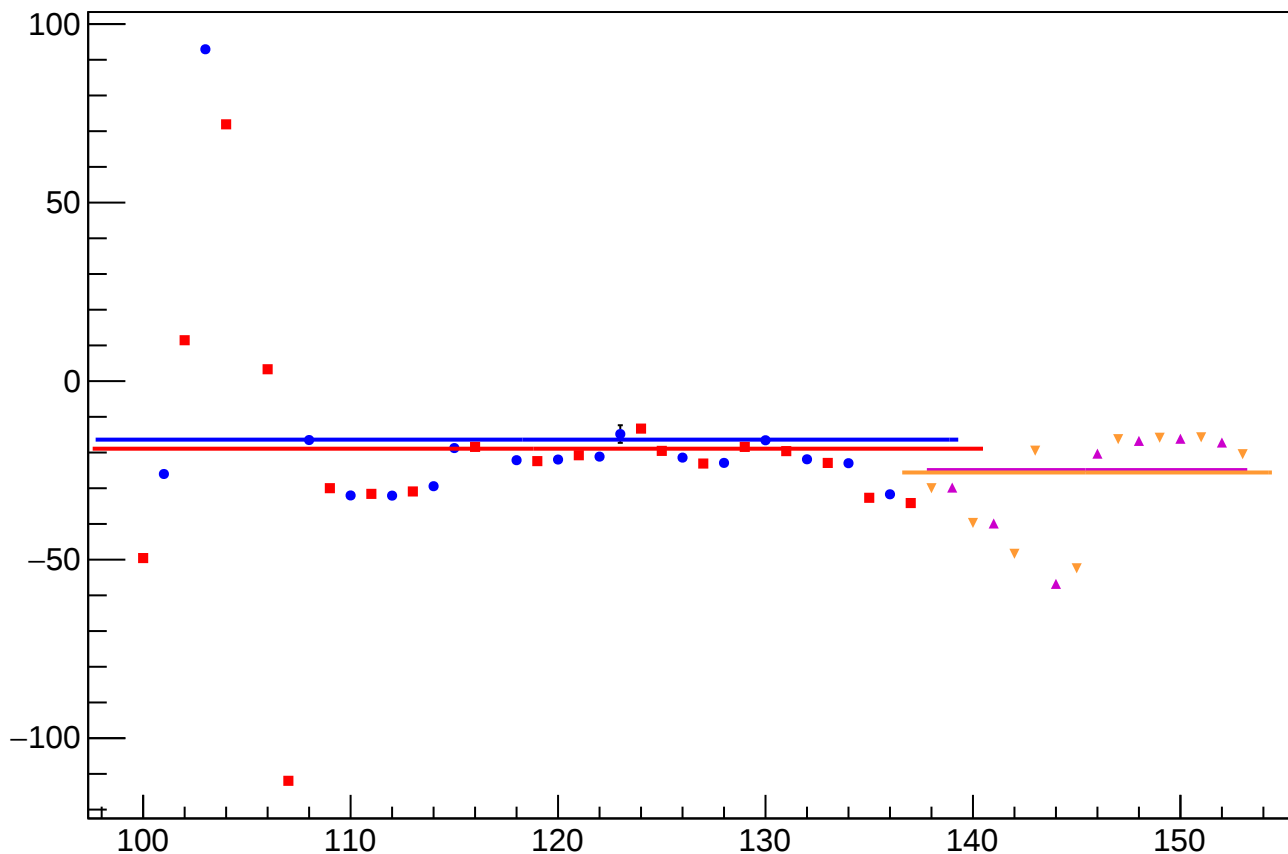
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -23.909 ± 0.492 χ^2/NDF : 1427.4/23

Out: -23.406 ± 0.471 χ^2/NDF : 1416.4/27

All: -23.647 ± 0.340 χ^2/NDF : 2844.4/51

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -25.587 ± 0.031 $\chi^2/\text{NDF}: 157282.5/8$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -24.913 ± 0.032 $\chi^2/\text{NDF}: 135305.8/6$

Left: -25.263 ± 0.022 $\chi^2/\text{NDF}: 292818.4/15$

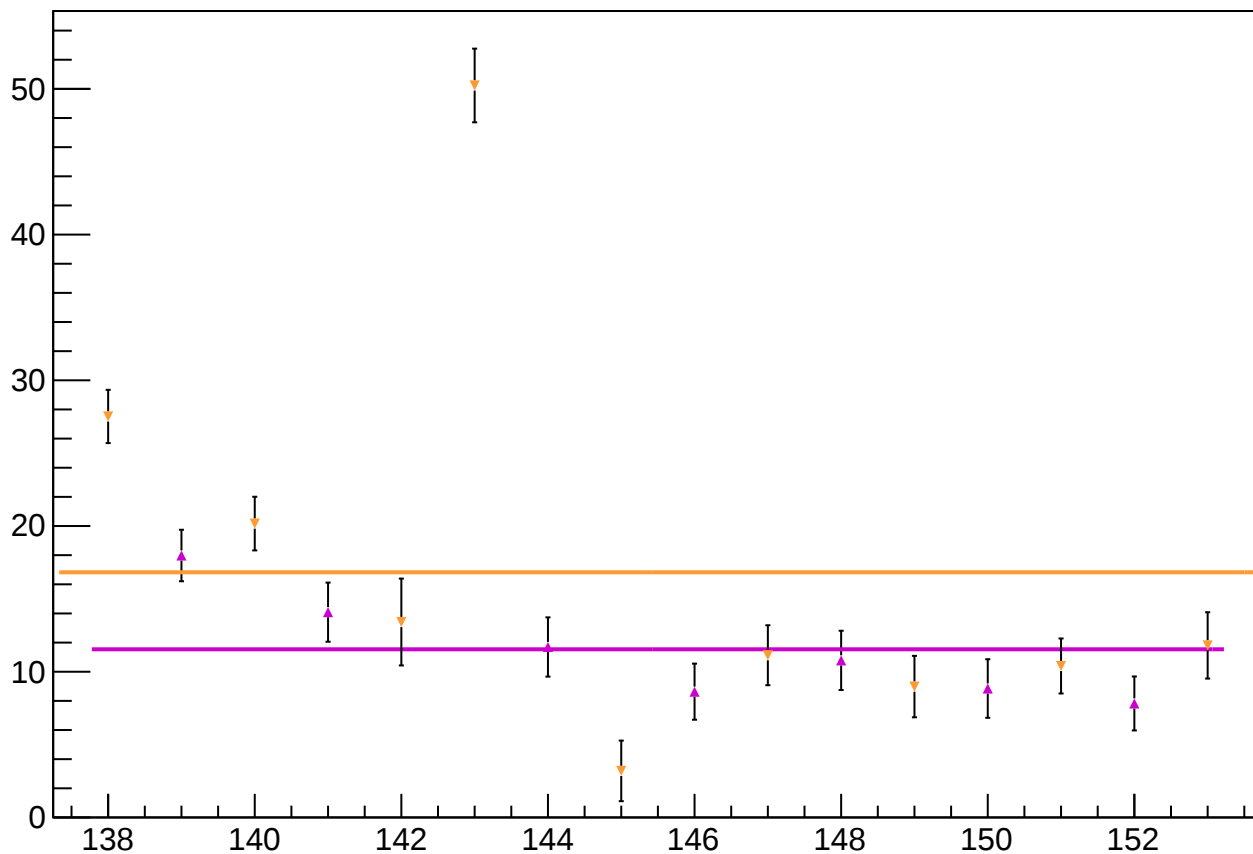
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -22.002 ± 0.026 $\chi^2/\text{NDF}: 633820.5/23$

Out: -23.476 ± 0.025 $\chi^2/\text{NDF}: 606235.2/27$

All: -22.753 ± 0.018 $\chi^2/\text{NDF}: 1241697.2/51$

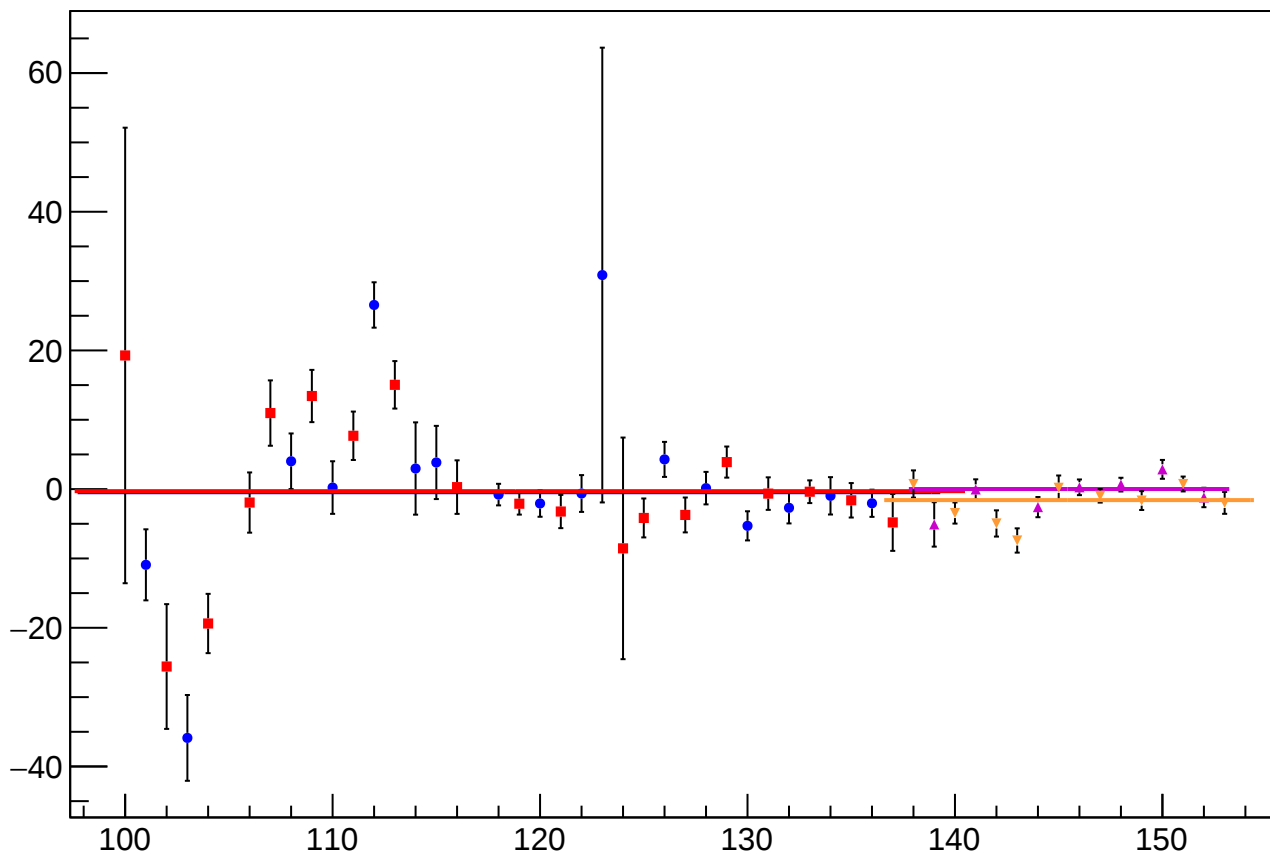
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

Left: 14.301+/-0.507 χ^2/NDF : 344.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.540+/-0.734 χ^2/NDF :23.1/6
 Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 All: 14.301+/-0.507 χ^2/NDF : 344.7/15

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.586 ± 0.473 χ^2/NDF : 23.3/8

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

Left: -0.843 ± 0.346 χ^2/NDF : 39.9/15

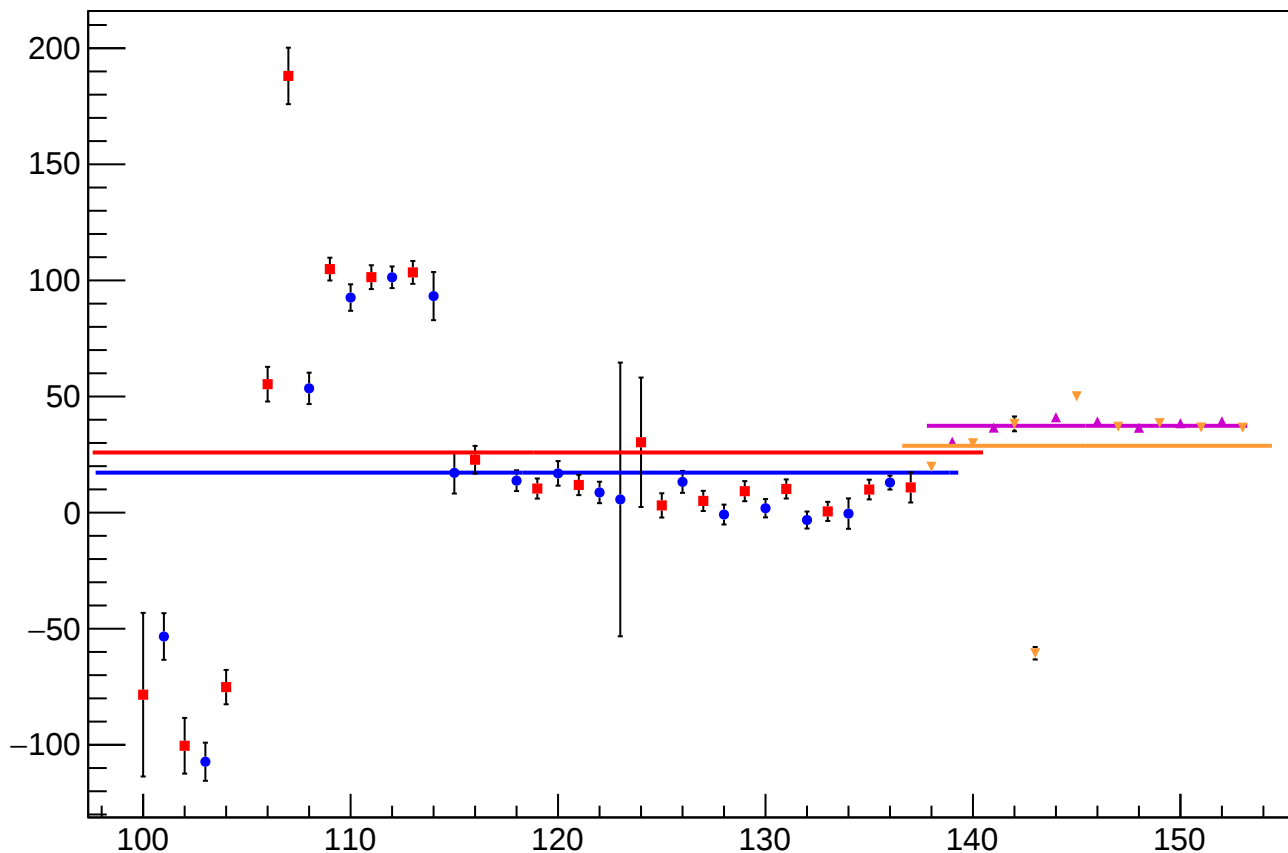
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.162 ± 0.401 χ^2/NDF : 131.2/23

Out: -1.147 ± 0.384 χ^2/NDF : 110.3/27

All: -0.676 ± 0.277 χ^2/NDF : 244.6/51

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 28.780 $\pm$ 0.704 χ^2 /NDF:1298.6/8

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.387 $\pm$ 0.731 χ^2 /NDF:18.7/6

Left: 32.919 $\pm$ 0.507 χ^2 /NDF: 1389.3/15

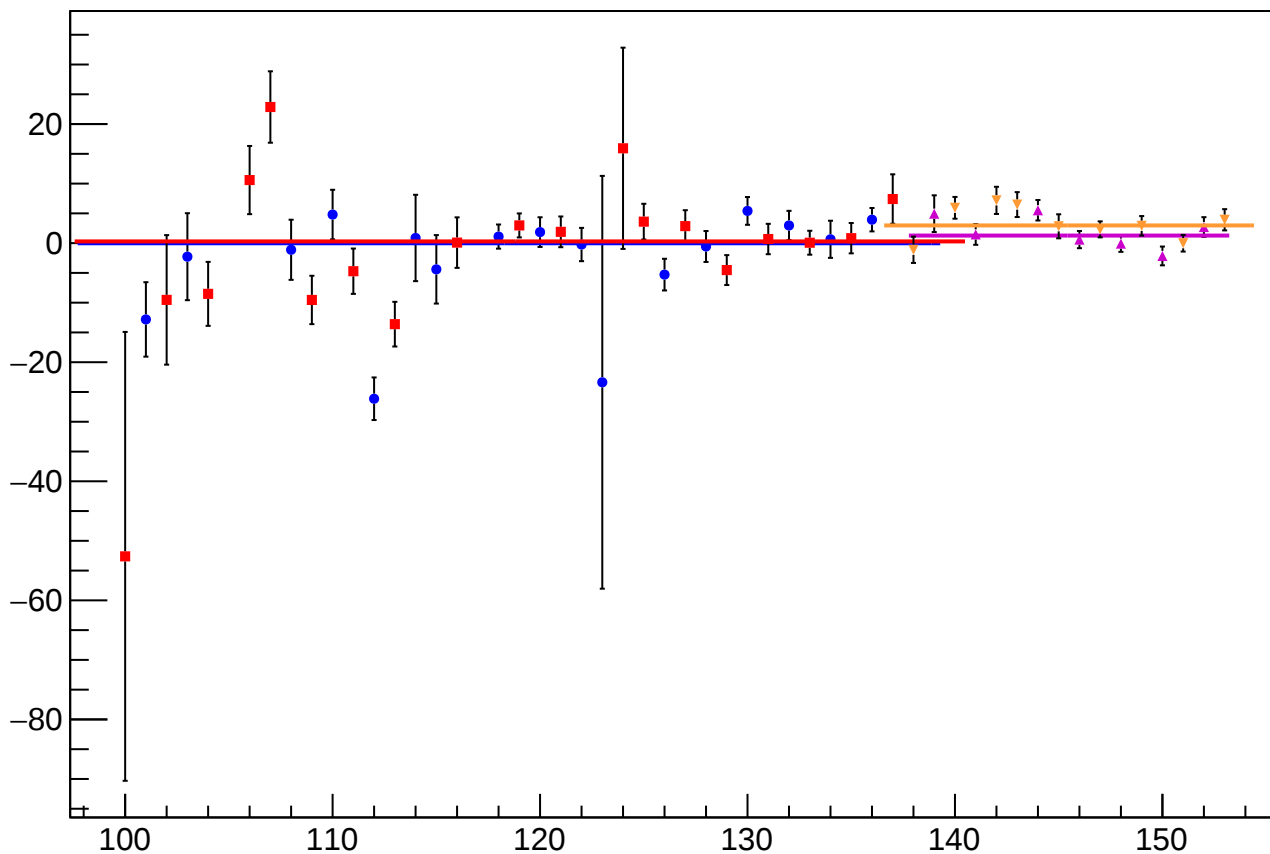
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 32.190 $\pm$ 0.630 χ^2 /NDF:1155.0/23

Out: 28.082 $\pm$ 0.612 χ^2 /NDF:2677.4/27

All: 30.078 $\pm$ 0.439 χ^2 /NDF: 3854.3/51

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.972 ± 0.585 χ^2/NDF : 17.4/8

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

Left: 2.182 ± 0.428 χ^2/NDF : 35.5/15

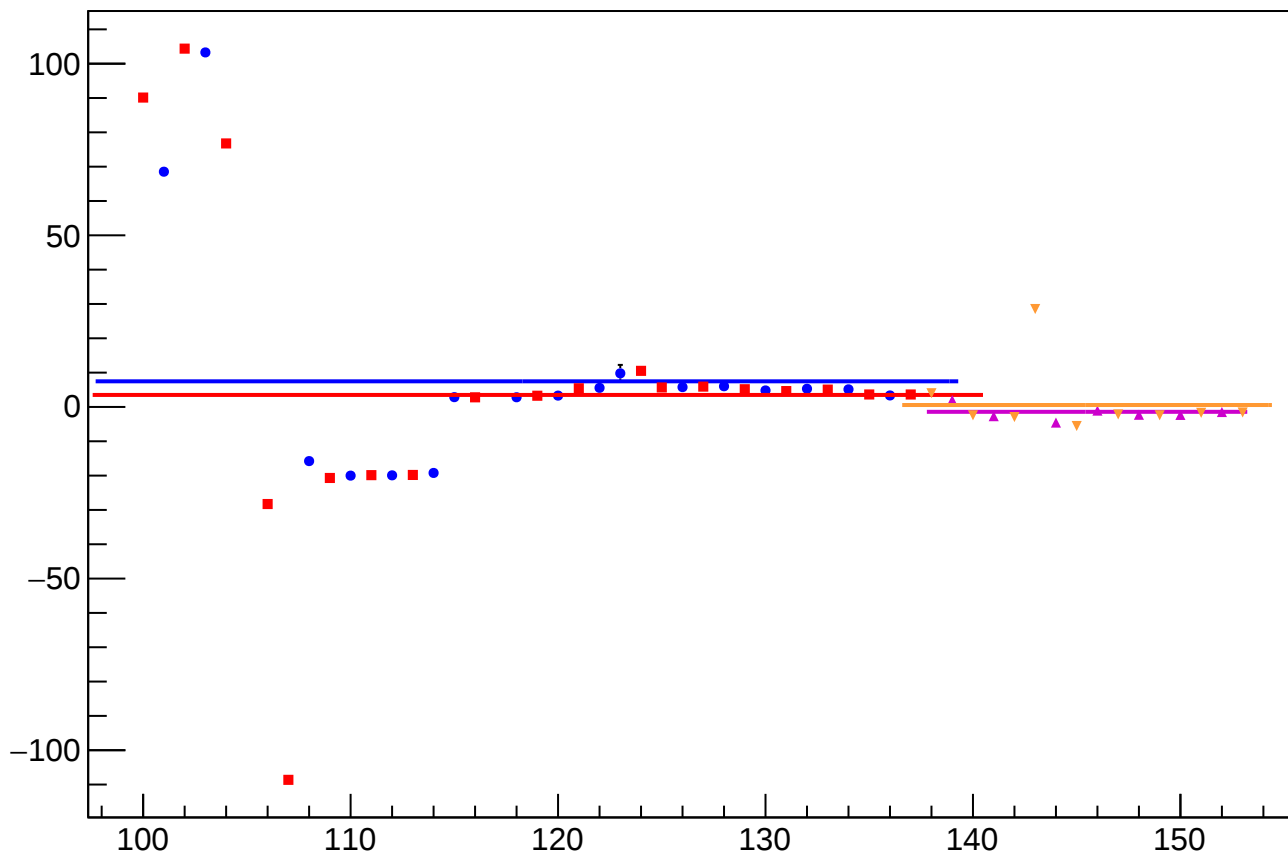
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.735 ± 0.480 χ^2/NDF : 91.8/23

Out: 1.957 ± 0.461 χ^2/NDF : 81.4/27

All: 1.370 ± 0.333 χ^2/NDF : 176.5/51

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.564 $\pm$ 0.029 χ^2 /NDF: 79614.7/8

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -1.419 $\pm$ 0.030 χ^2 /NDF: 4132.6/6

Left: -0.390 $\pm$ 0.021 χ^2 /NDF: 85996.8/15

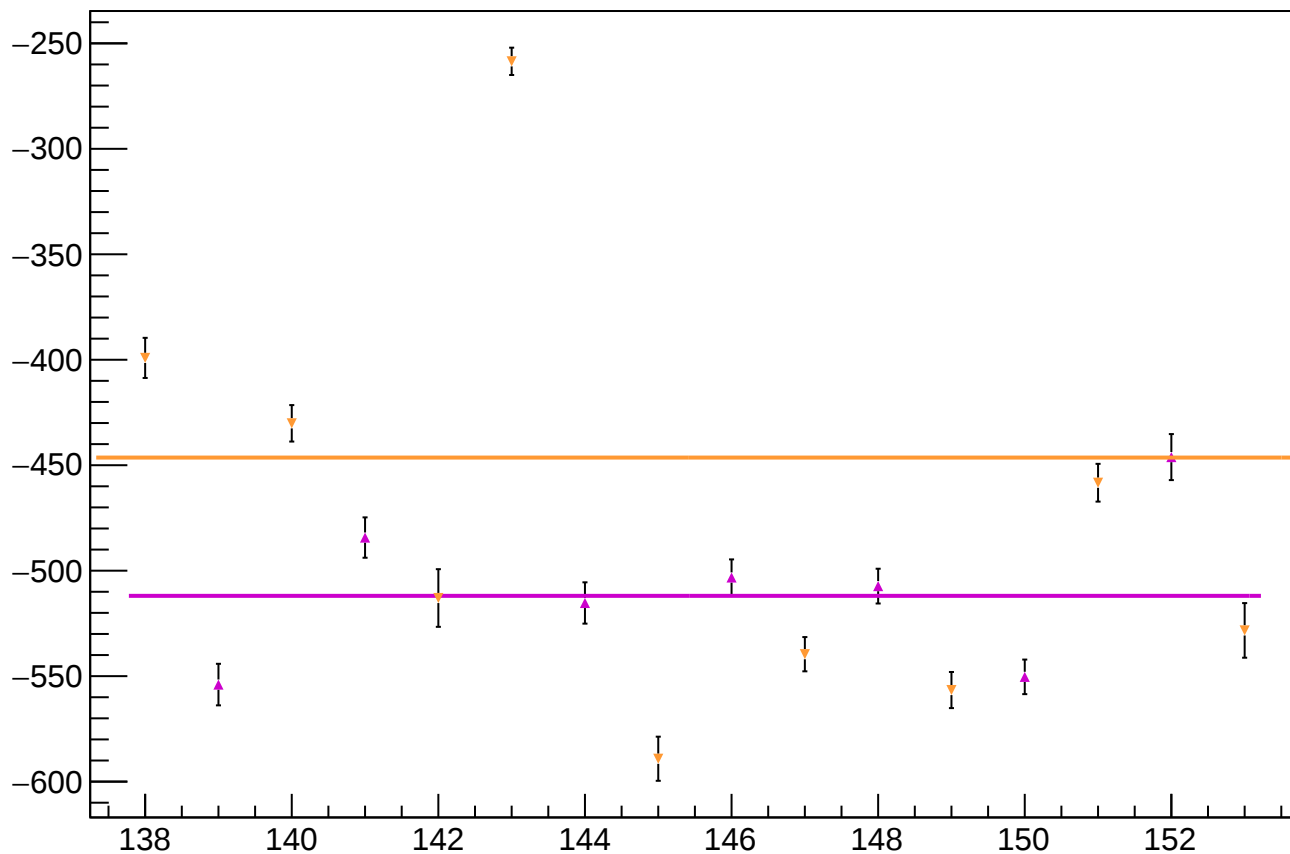
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 1.375 $\pm$ 0.025 χ^2 /NDF: 387394.1/23

Out: 1.410 $\pm$ 0.024 χ^2 /NDF: 593147.4/27

All: 1.393 $\pm$ 0.017 χ^2 /NDF: 980542.5/51

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -446.373+/-3.015 χ^2/NDF :1418.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -511.928+/-3.465 χ^2/NDF :86.4/6

Left: -474.616+/-2.274 χ^2/NDF : 1709.0/15

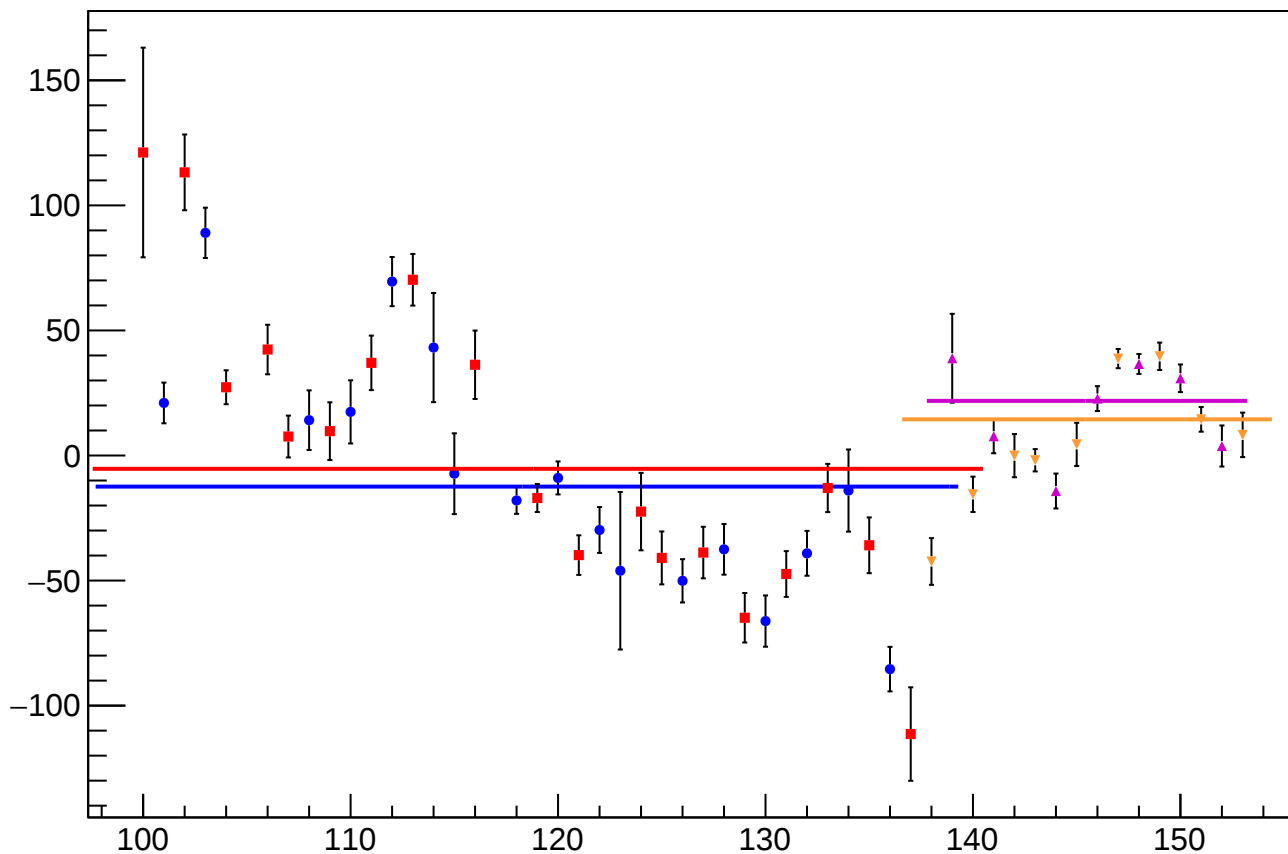
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.928+/-3.465 χ^2/NDF :86.4/6

Out: -446.373+/-3.015 χ^2/NDF :1418.9/8

All: -474.616+/-2.274 χ^2/NDF : 1709.0/15

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 14.457 ± 1.948 $\chi^2/\text{NDF}: 134.2/8$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 21.849 ± 2.259 $\chi^2/\text{NDF}: 53.1/6$

Left: 17.611 ± 1.475 $\chi^2/\text{NDF}: 193.5/15$

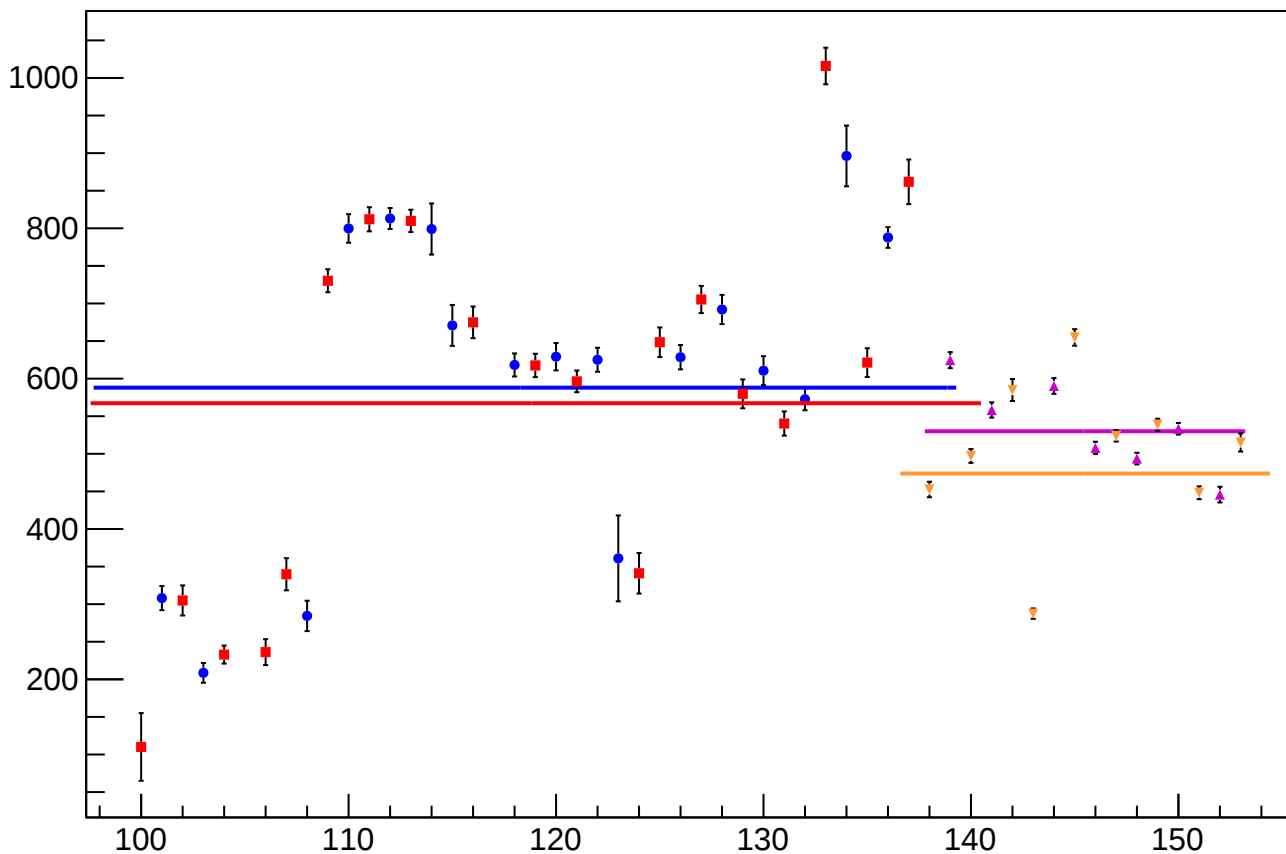
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: 5.133 ± 1.617 $\chi^2/\text{NDF}: 505.7/23$

Out: 6.025 ± 1.476 $\chi^2/\text{NDF}: 520.9/27$

All: 5.619 ± 1.090 $\chi^2/\text{NDF}: 1026.8/51$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 473.758 $\pm$ 3.032 χ^2 /NDF:1196.1/8

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 529.998 $\pm$ 3.421 χ^2 /NDF:214.2/6

Left: 498.498 $\pm$ 2.269 χ^2 /NDF: 1561.7/15

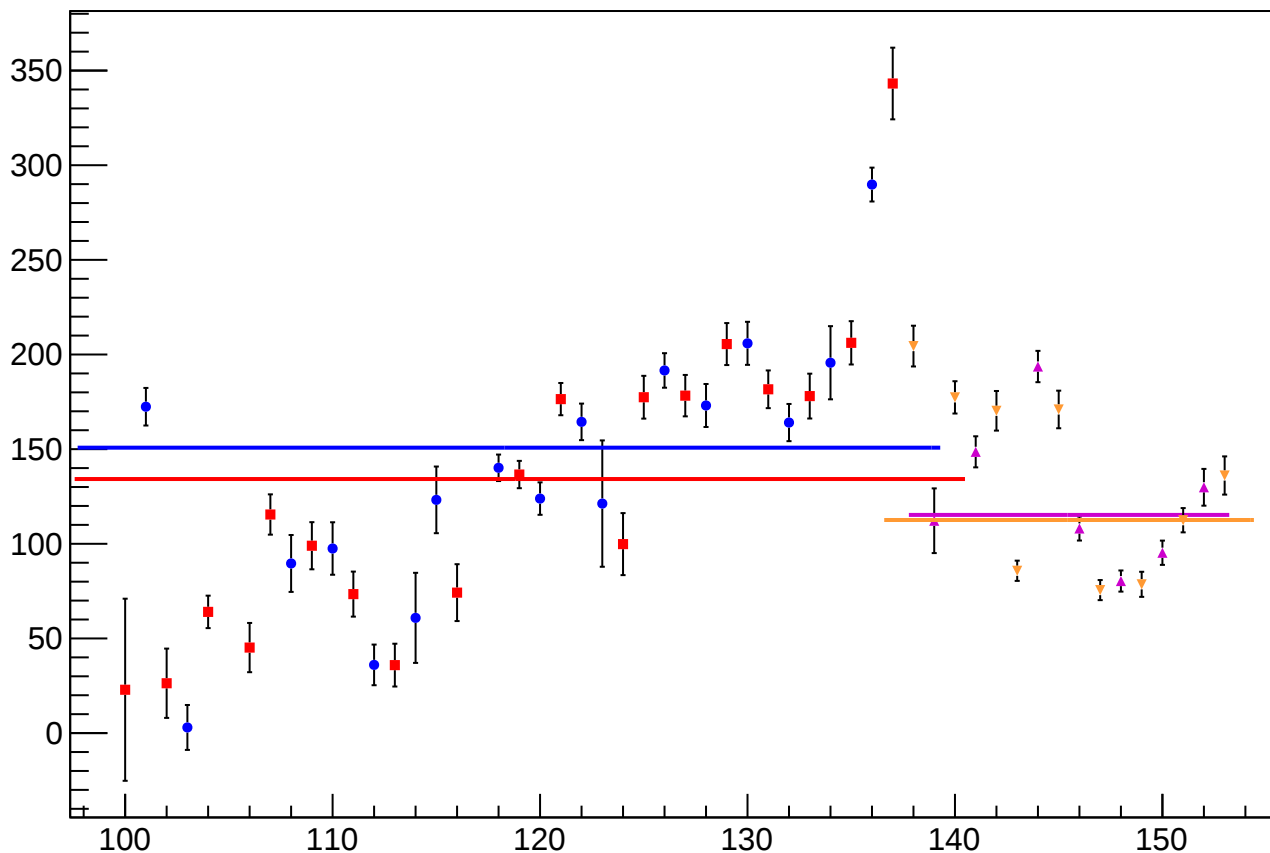
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 552.311 $\pm$ 2.684 χ^2 /NDF:2452.6/23

Out: 506.490 $\pm$ 2.445 χ^2 /NDF:4313.6/27

All: 527.266 $\pm$ 1.807 χ^2 /NDF: 6925.5/51

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 112.576 ± 2.432 $\chi^2/\text{NDF}: 301.0/8$

Right Out: 134.219 ± 2.615 $\chi^2/\text{NDF}: 581.6/18$

Left In: 115.263 ± 2.834 $\chi^2/\text{NDF}: 158.7/6$

Left: 113.716 ± 1.846 $\chi^2/\text{NDF}: 460.2/15$

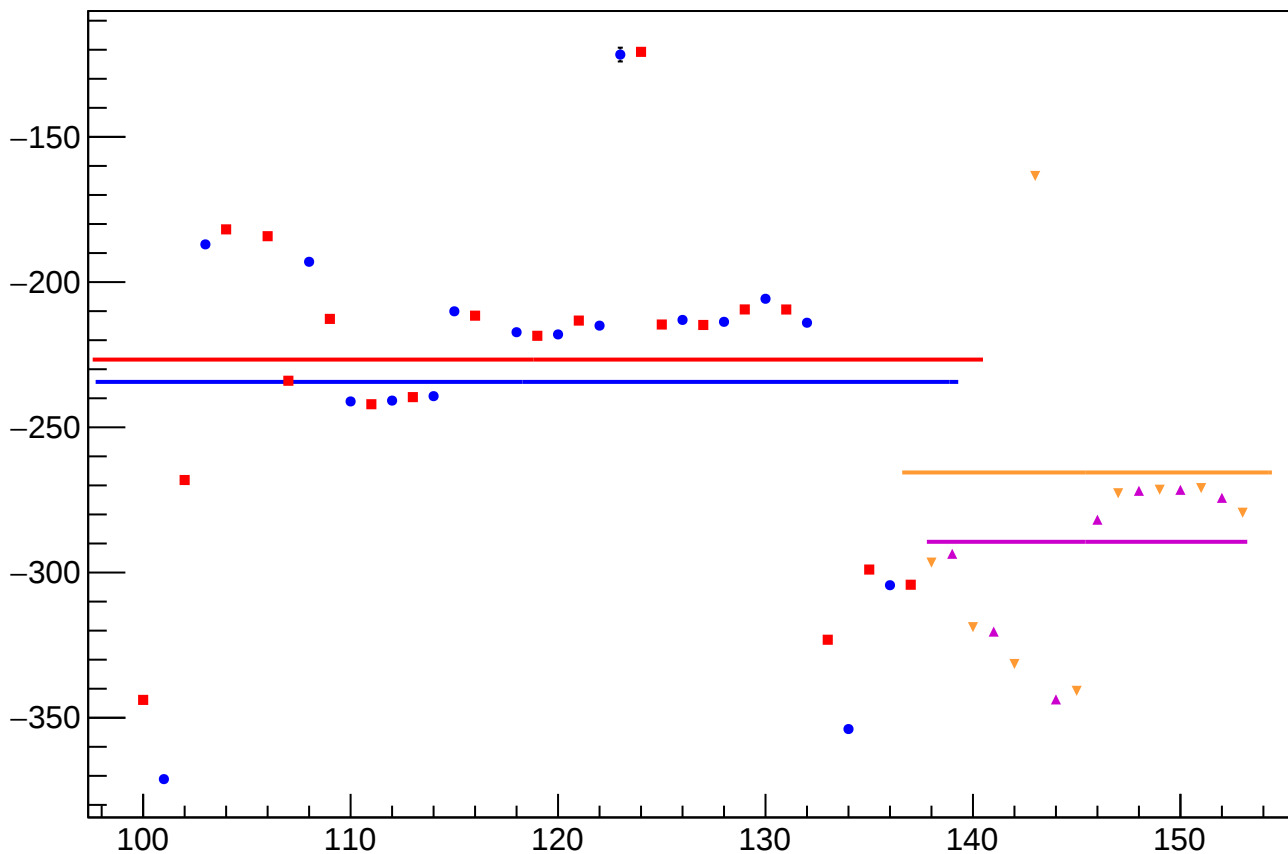
Right: 142.302 ± 1.872 $\chi^2/\text{NDF}: 1234.3/35$

In: 134.017 ± 1.947 $\chi^2/\text{NDF}: 874.7/23$

Out: 122.612 ± 1.781 $\chi^2/\text{NDF}: 919.3/27$

All: 127.808 ± 1.314 $\chi^2/\text{NDF}: 1812.8/51$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -265.547+/-0.127 χ^2/NDF : 202348.9/8

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -289.418+/-0.143 χ^2/NDF : 27350.5/6

Left: -276.081+/-0.095 χ^2/NDF : 245294.1/15

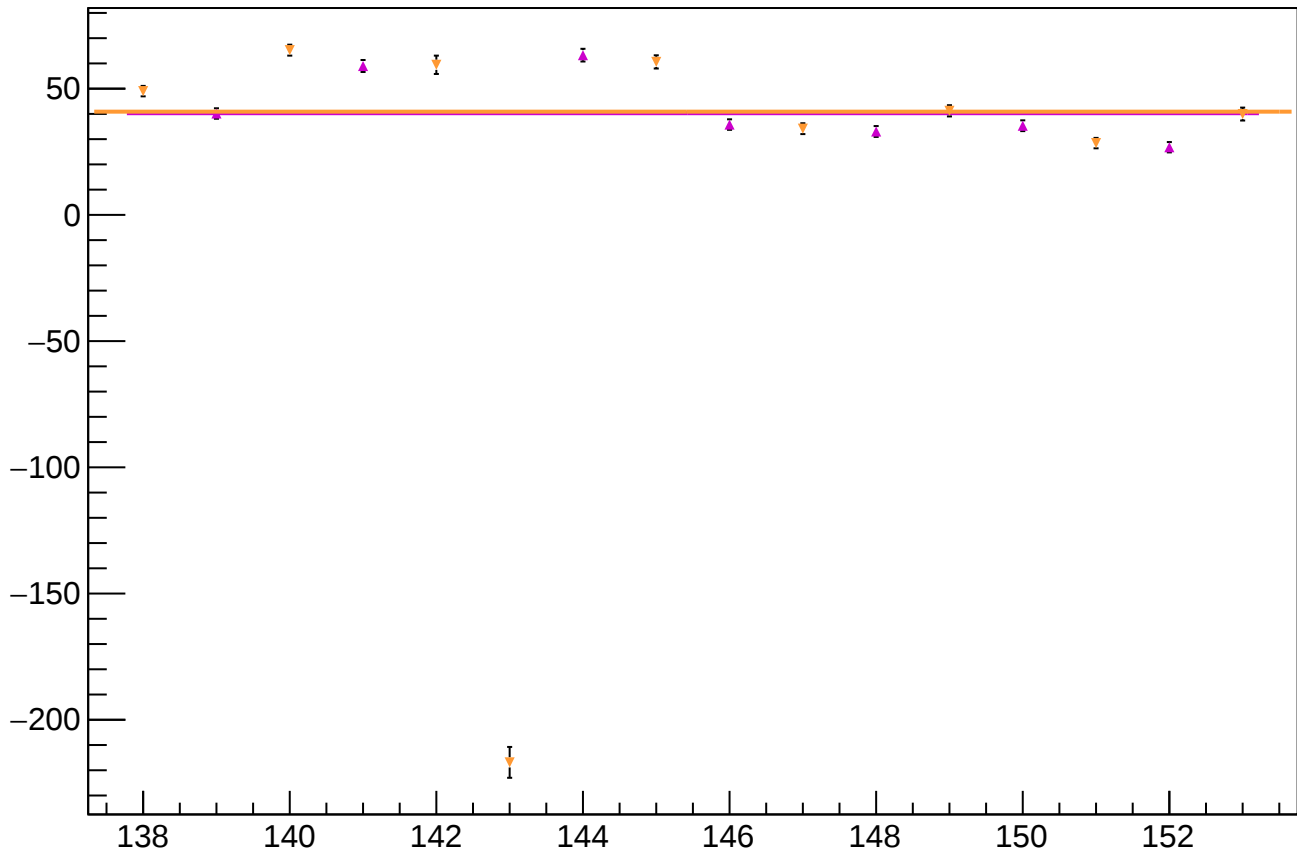
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -262.946+/-0.103 χ^2/NDF : 243901.0/23

Out: -248.174+/-0.094 χ^2/NDF : 343723.6/27

All: -254.923+/-0.070 χ^2/NDF : 598805.6/51

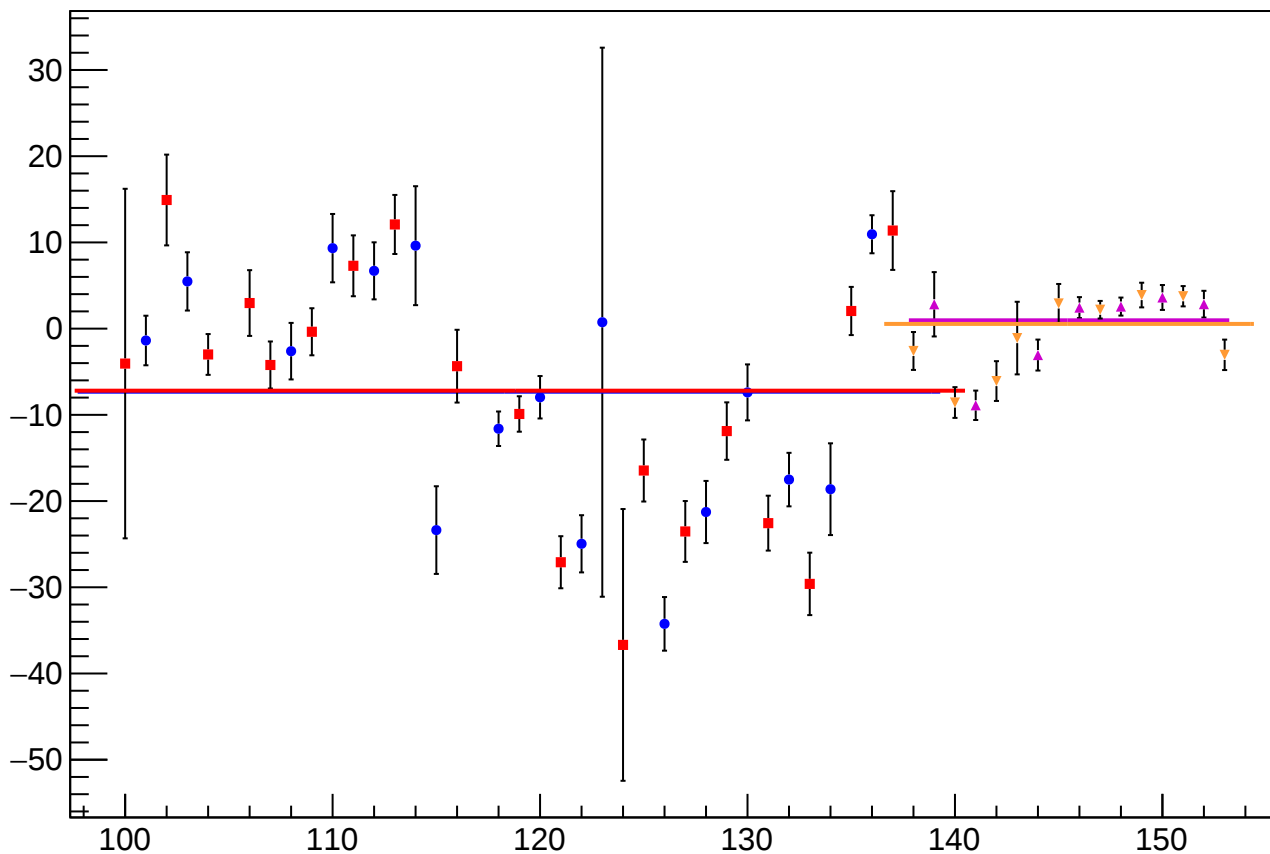
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.281+/-0.824 χ^2/NDF :210.2/6

Left: 40.589+/-0.580 χ^2/NDF : 2260.1/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.281+/-0.824 χ^2/NDF :210.2/6
 Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 All: 40.589+/-0.580 χ^2/NDF : 2260.1/15

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.547 ± 0.538 χ^2/NDF : 57.4/8

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

Left: 0.748 ± 0.387 χ^2/NDF : 105.0/15

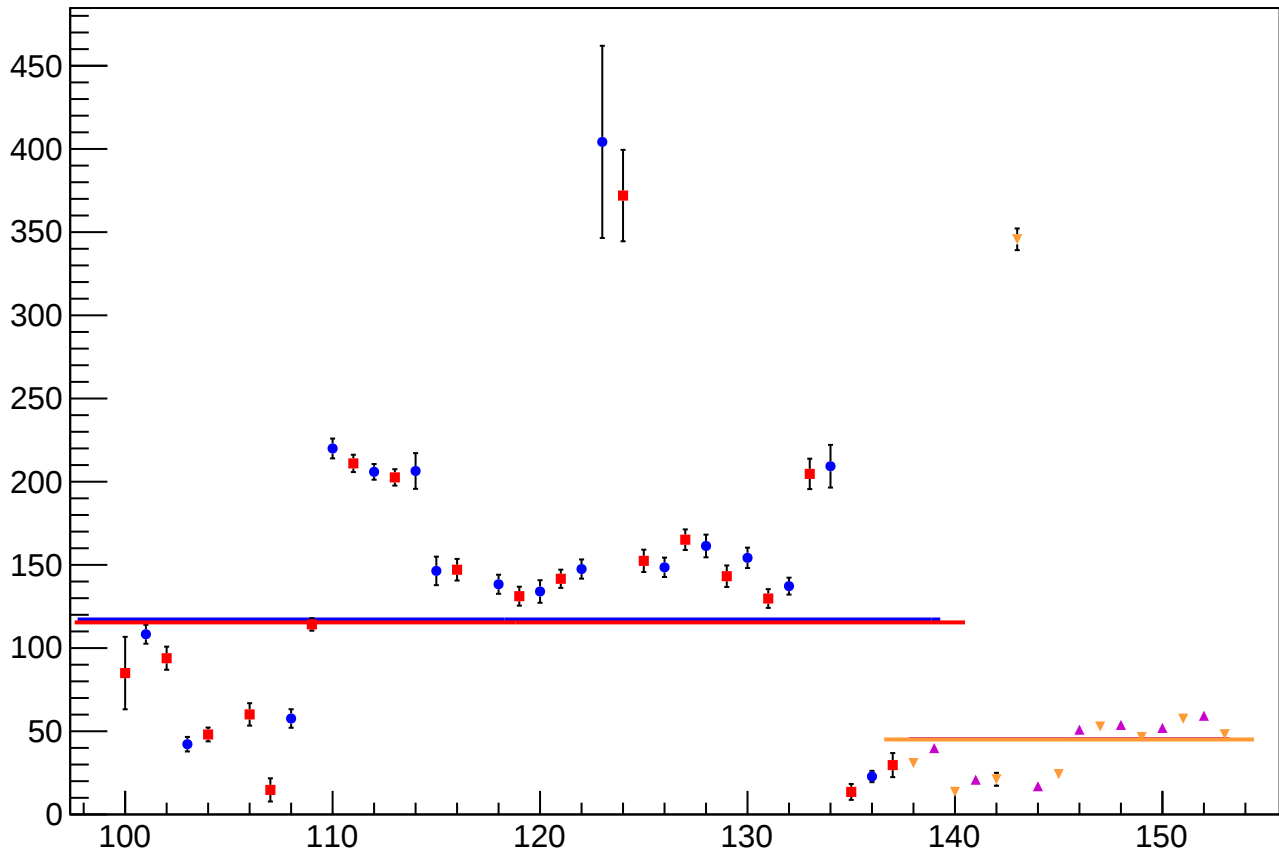
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.837 ± 0.454 χ^2/NDF : 400.9/23

Out: -2.033 ± 0.439 χ^2/NDF : 378.5/27

All: -1.938 ± 0.316 χ^2/NDF : 779.5/51

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 45.073+/-0.810 χ^2/NDF :2506.7/8

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 45.334+/-0.816 χ^2/NDF :298.3/6

Left: 45.203+/-0.575 χ^2/NDF : 2805.0/15

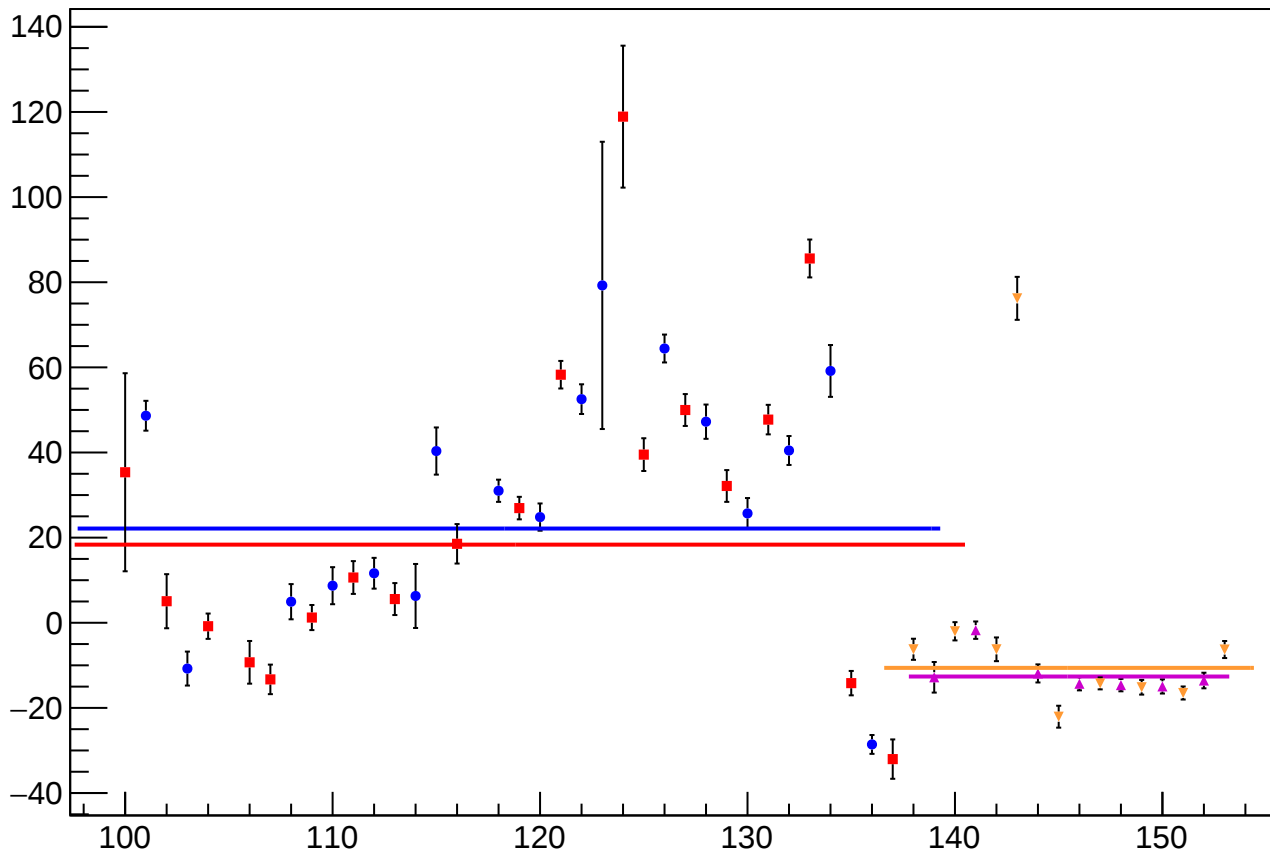
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 63.326+/-0.706 χ^2/NDF :4400.1/23

Out: 63.493+/-0.696 χ^2/NDF :6632.4/27

All: 63.411+/-0.496 χ^2/NDF : 11032.6/51

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -10.596+/-0.672 χ^2/NDF : 370.5/8

Right Out: 18.355+/-0.871 χ^2/NDF : 1070.9/18

Left In: -12.628+/-0.695 χ^2/NDF : 33.7/6

Left: -11.578+/-0.483 χ^2/NDF : 408.6/15

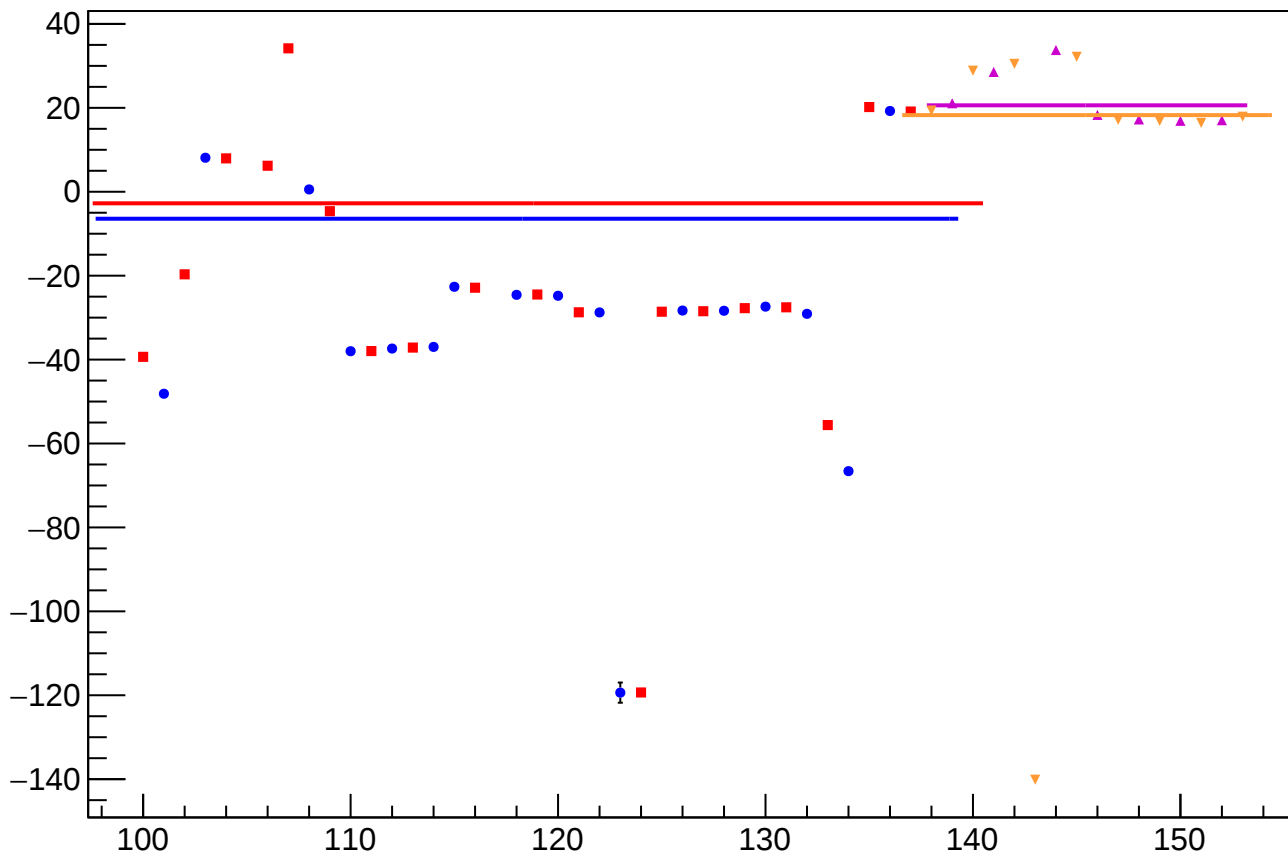
Right: 20.203+/-0.623 χ^2/NDF : 2144.2/35

In: 0.511+/-0.548 χ^2/NDF : 2044.5/23

Out: 0.191+/-0.532 χ^2/NDF : 2133.9/27

All: 0.346+/-0.382 χ^2/NDF : 4178.6/51

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.266 $\pm$ 0.034 χ^2/NDF : 399600.3/8

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 20.601 $\pm$ 0.034 χ^2/NDF : 24732.2/6

Left: 19.430 $\pm$ 0.024 χ^2/NDF : 426736.0/15

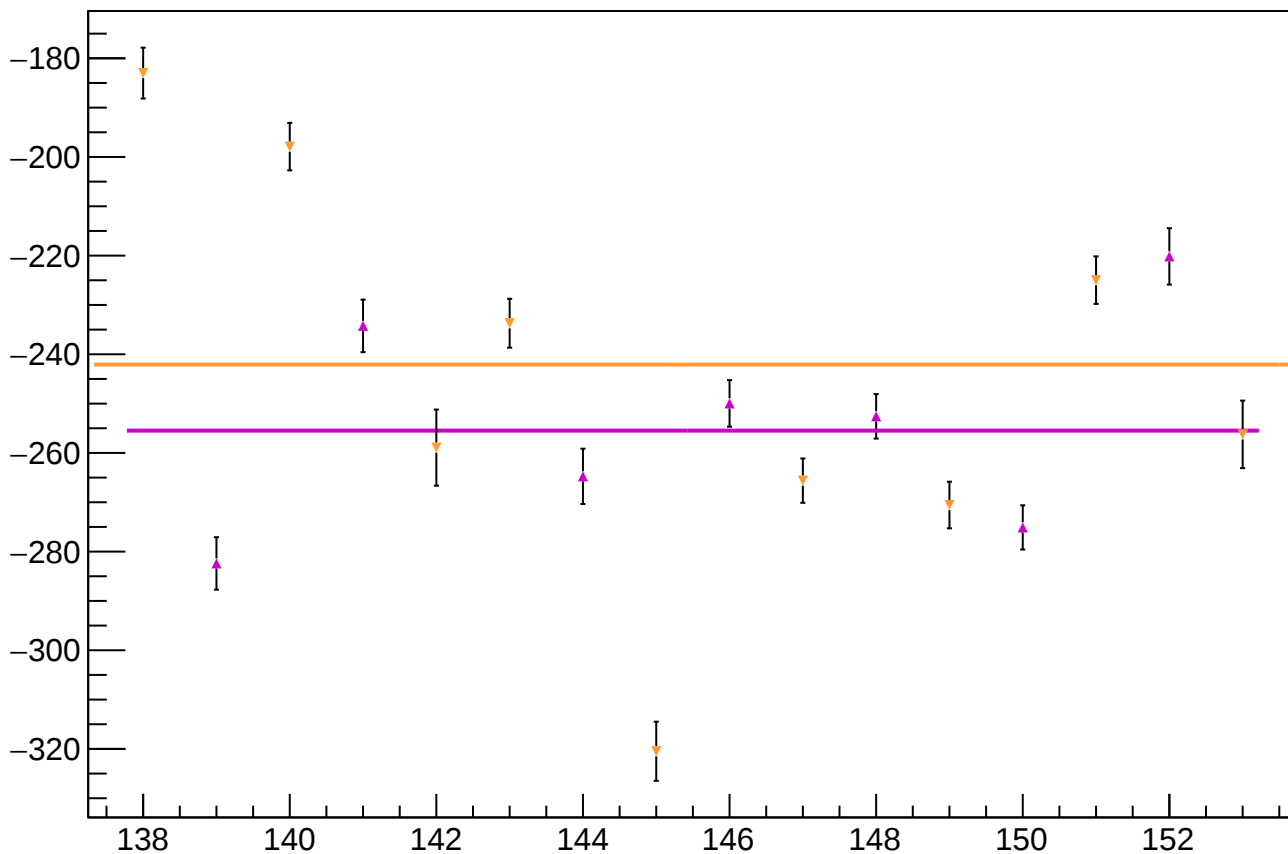
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 11.213 $\pm$ 0.027 χ^2/NDF : 513169.2/23

Out: 10.881 $\pm$ 0.027 χ^2/NDF : 803215.0/27

All: 11.046 $\pm$ 0.019 χ^2/NDF : 1316459.1/51

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -242.088+/-1.755 χ^2/NDF :475.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.477+/-1.901 χ^2/NDF :103.4/6

Left: -248.249+/-1.289 χ^2/NDF : 605.3/15

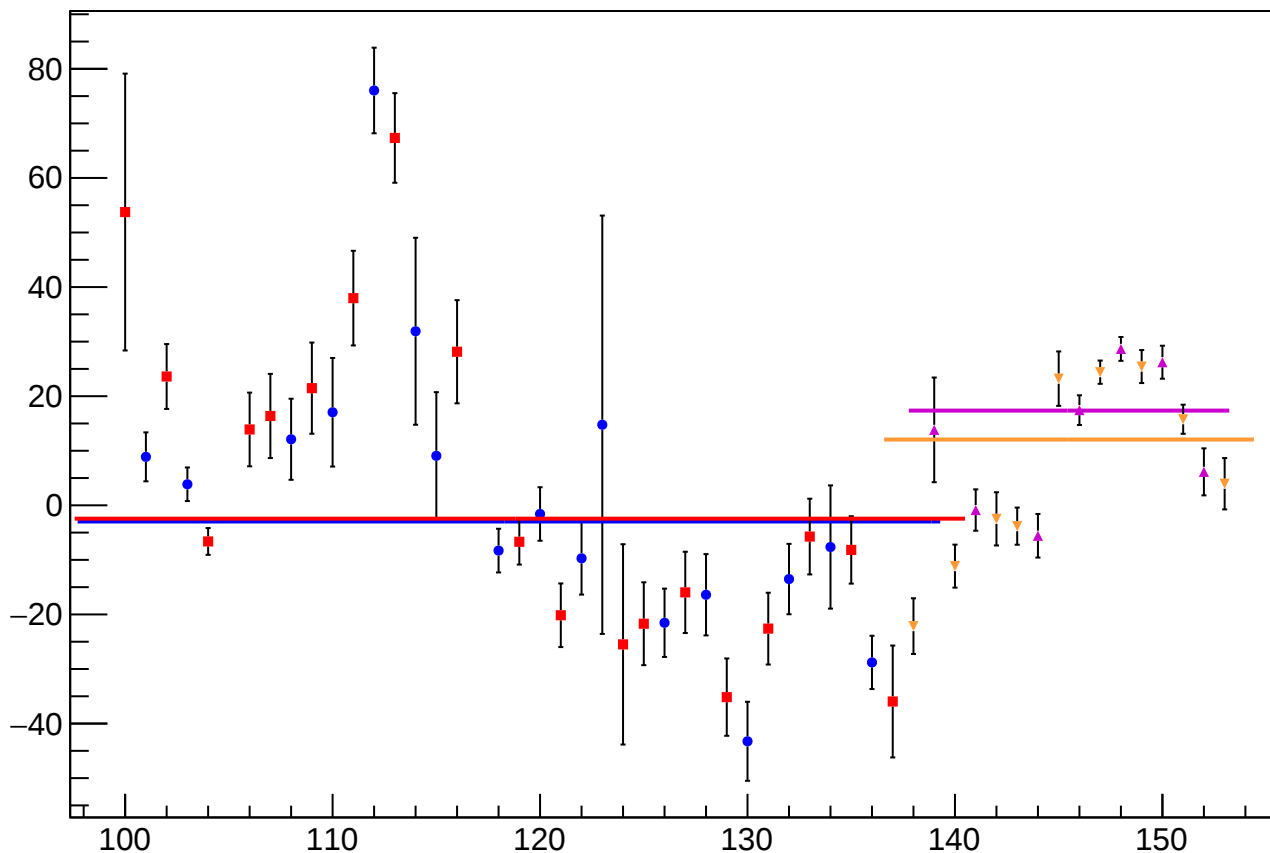
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -242.088+/-1.755 χ^2/NDF :475.1/8

All: -248.249+/-1.289 χ^2/NDF : 605.3/15

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.057 ± 1.127 $\chi^2/\text{NDF}: 173.3/8$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 17.361 ± 1.240 $\chi^2/\text{NDF}: 98.3/6$

Left: 14.458 ± 0.834 $\chi^2/\text{NDF}: 281.6/15$

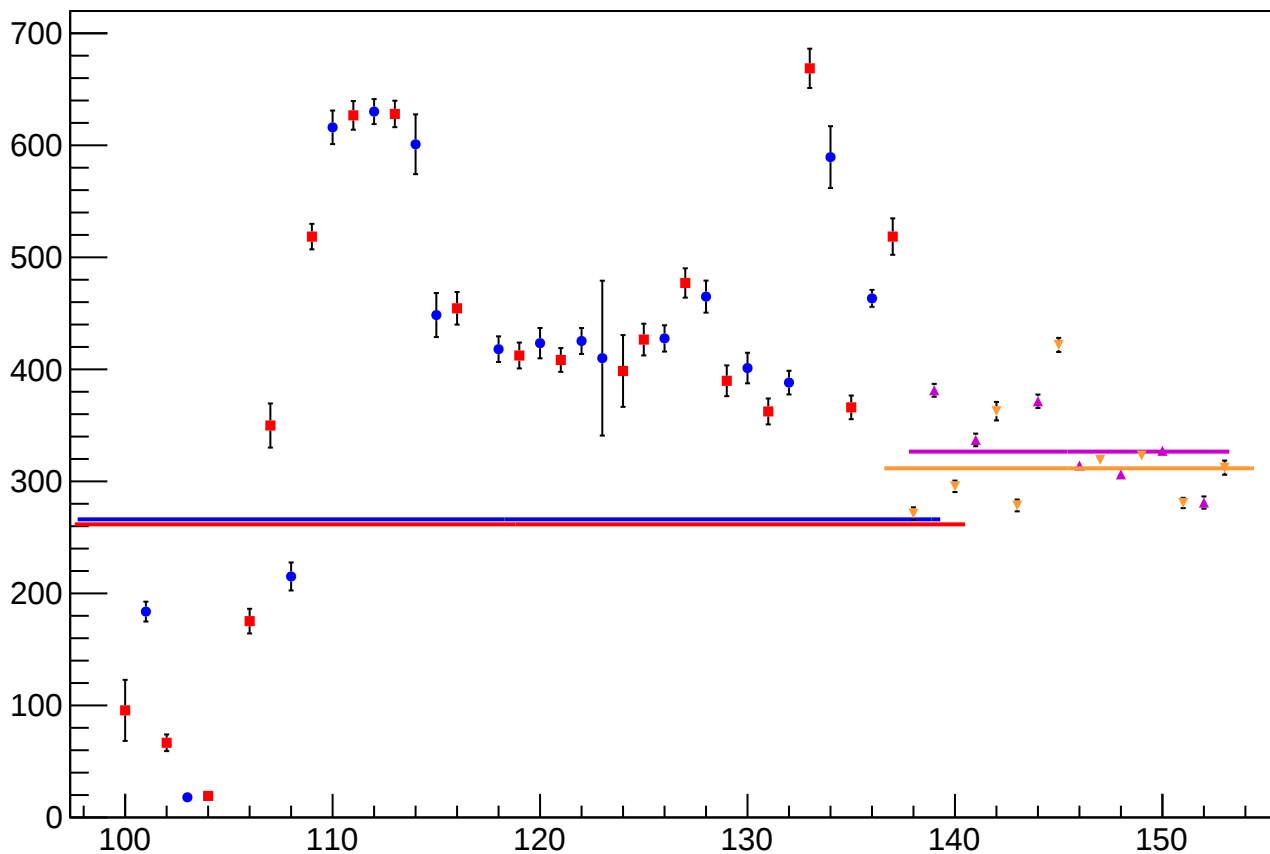
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.796 ± 0.943 $\chi^2/\text{NDF}: 415.2/23$

Out: 6.336 ± 0.877 $\chi^2/\text{NDF}: 453.9/27$

All: 7.477 ± 0.642 $\chi^2/\text{NDF}: 872.7/51$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 311.666 $\pm$ 1.752 χ^2 /NDF: 501.1/8

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 326.572 $\pm$ 1.874 χ^2 /NDF: 249.5/6

Left: 318.614 $\pm$ 1.280 χ^2 /NDF: 784.3/15

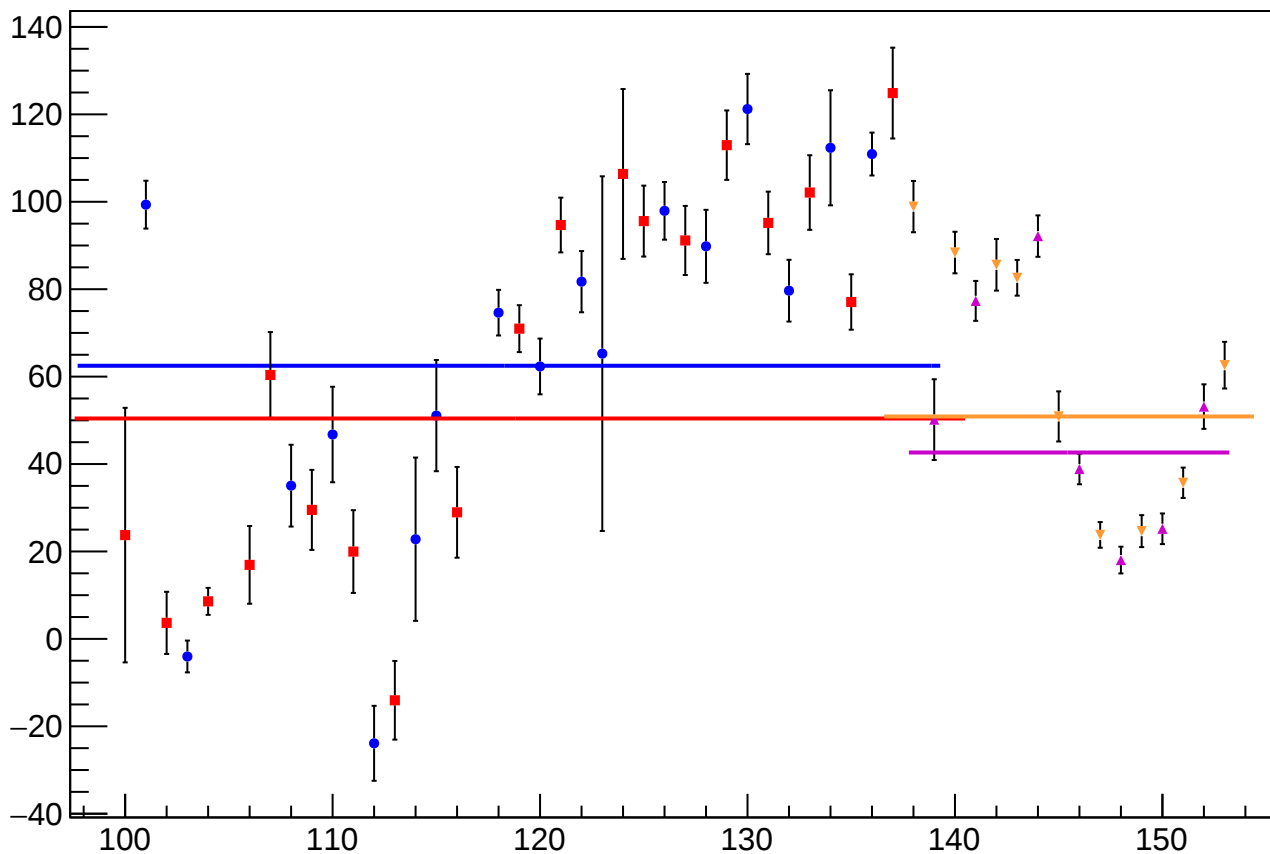
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 304.592 $\pm$ 1.495 χ^2 /NDF: 8271.7/23

Out: 294.805 $\pm$ 1.426 χ^2 /NDF: 8985.5/27

All: 299.466 $\pm$ 1.032 χ^2 /NDF: 17279.6/51

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 50.881 ± 1.413 $\chi^2/\text{NDF}: 384.3/8$

Right Out: 50.421 ± 1.642 $\chi^2/\text{NDF}: 651.4/18$

Left In: 42.639 ± 1.556 $\chi^2/\text{NDF}: 262.3/6$

Left: 47.156 ± 1.046 $\chi^2/\text{NDF}: 661.9/15$

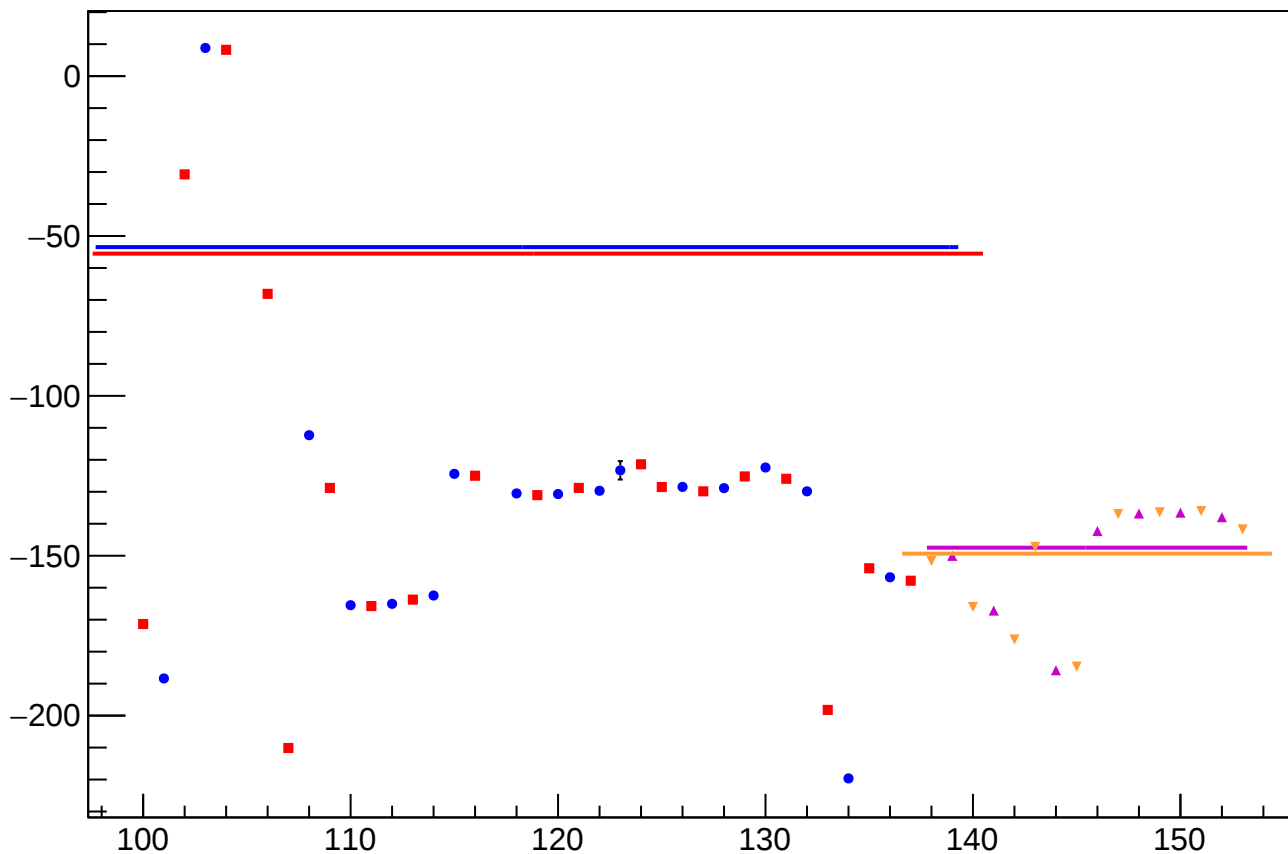
Right: 56.311 ± 1.174 $\chi^2/\text{NDF}: 1398.6/35$

In: 51.797 ± 1.142 $\chi^2/\text{NDF}: 1058.1/23$

Out: 50.685 ± 1.071 $\chi^2/\text{NDF}: 1035.8/27$

All: 51.206 ± 0.781 $\chi^2/\text{NDF}: 2094.4/51$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -149.347 $\pm$ 0.074 χ^2 /NDF: 46503.1/8

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -147.485 $\pm$ 0.078 χ^2 /NDF: 38604.9/6

Left: -148.473 $\pm$ 0.054 χ^2 /NDF: 85408.8/15

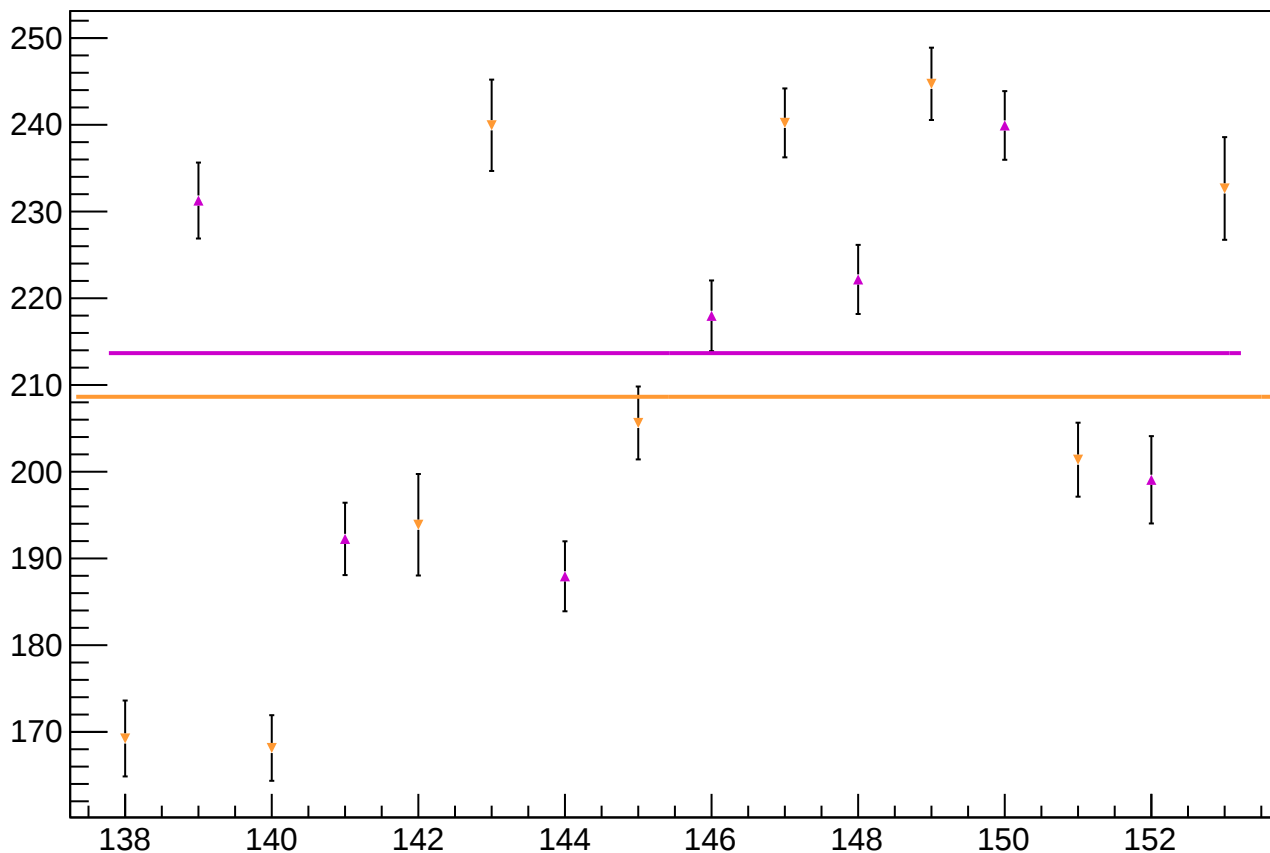
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -95.516 $\pm$ 0.052 χ^2 /NDF: 2066681.5/23

Out: -101.352 $\pm$ 0.051 χ^2 /NDF: 1848256.8/27

All: -98.482 $\pm$ 0.037 χ^2 /NDF: 3921272.3/51

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.640+/-1.493 χ^2/NDF :395.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.673+/-1.586 χ^2/NDF :141.2/6

Left: 211.006+/-1.087 χ^2/NDF : 541.9/15

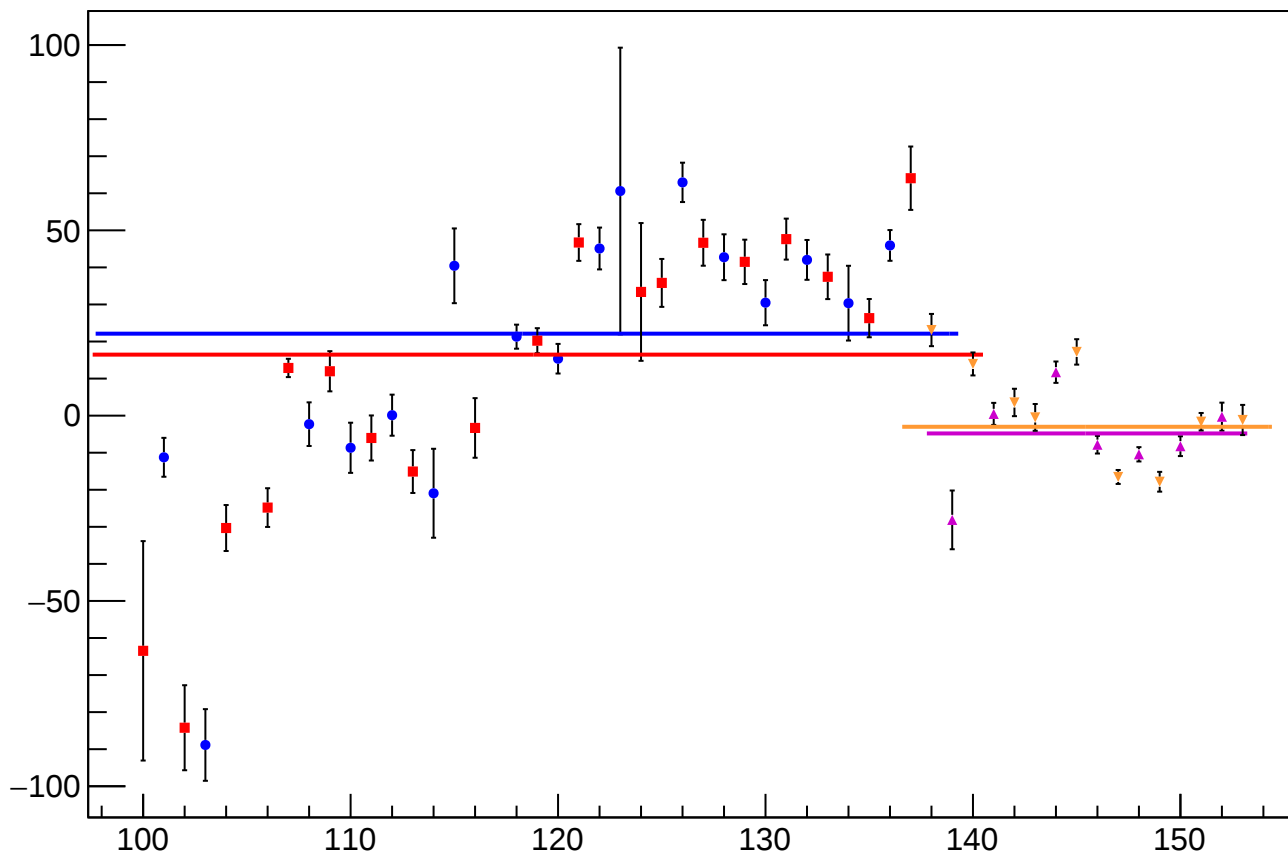
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 208.640+/-1.493 χ^2/NDF :395.3/8

All: 211.006+/-1.087 χ^2/NDF : 541.9/15

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -3.005 ± 0.974 $\chi^2/\text{NDF}: 187.3/8$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.802 ± 1.052 $\chi^2/\text{NDF}: 57.9/6$

Left: -3.835 ± 0.715 $\chi^2/\text{NDF}: 246.8/15$

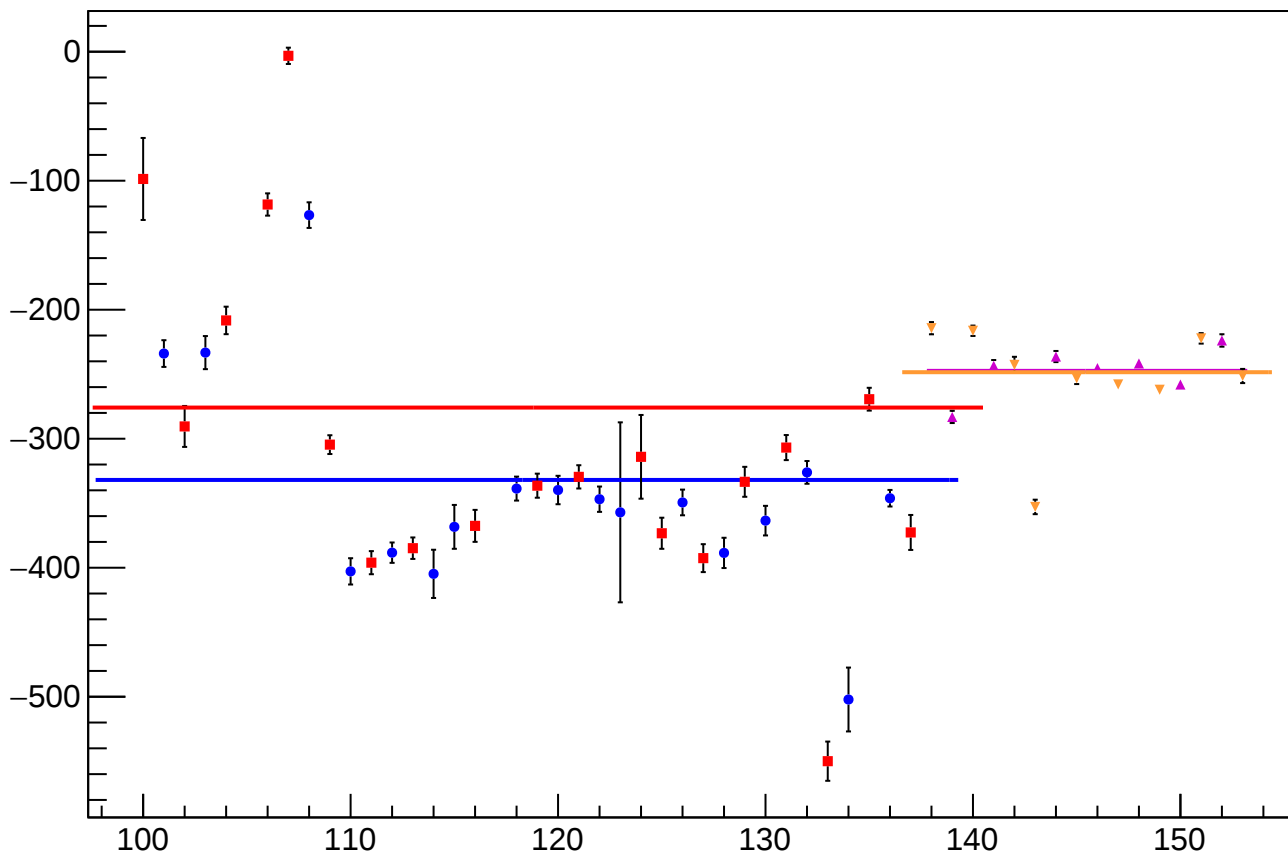
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 5.122 ± 0.836 $\chi^2/\text{NDF}: 681.4/23$

Out: 4.513 ± 0.763 $\chi^2/\text{NDF}: 765.8/27$

All: 4.790 ± 0.564 $\chi^2/\text{NDF}: 1447.5/51$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.439 ± 1.498 χ^2/NDF : 523.7/8

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.401 ± 1.576 χ^2/NDF : 99.0/6

Left: -247.947 ± 1.086 χ^2/NDF : 622.9/15

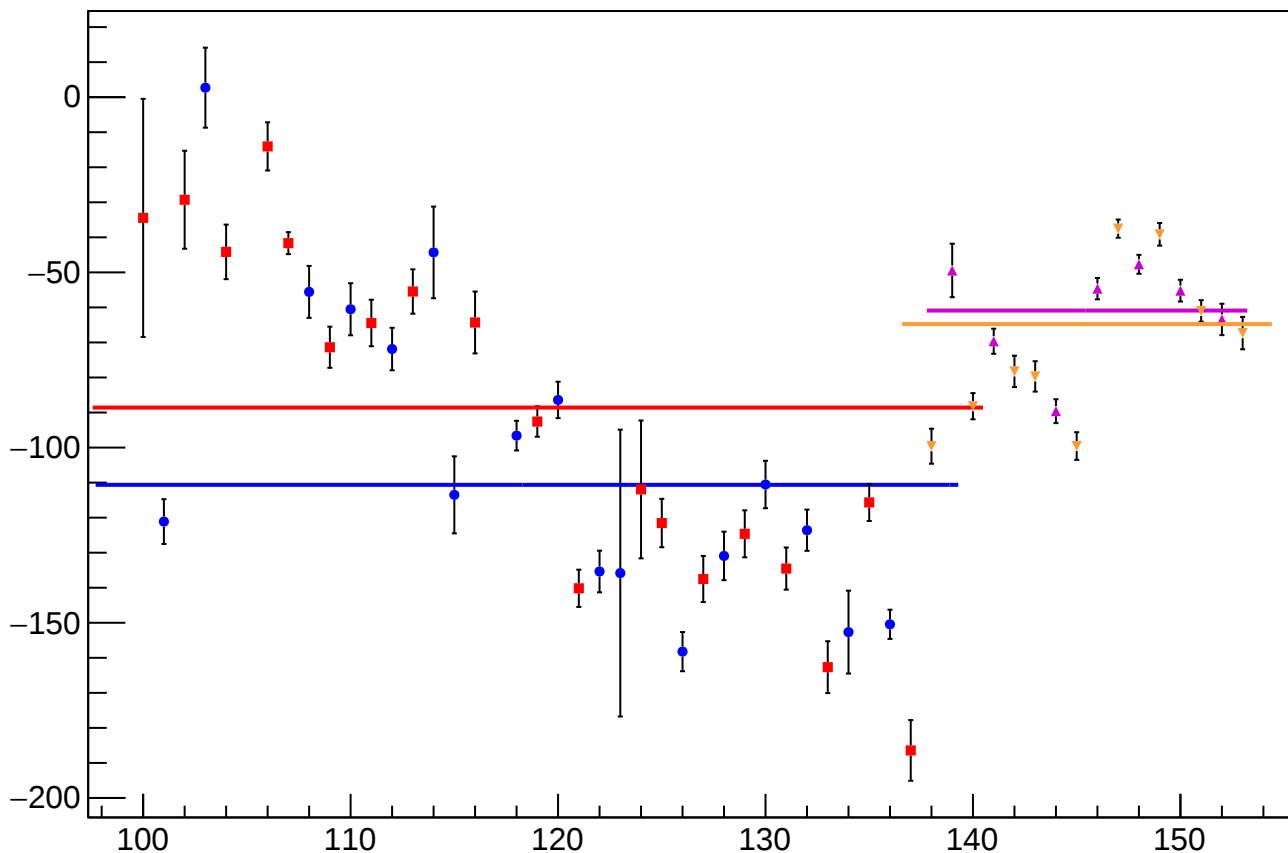
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -270.545 ± 1.343 χ^2/NDF : 1672.4/23

Out: -256.487 ± 1.259 χ^2/NDF : 3983.7/27

All: -263.061 ± 0.918 χ^2/NDF : 5714.4/51

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -64.757 ± 1.216 $\chi^2/\text{NDF}: 361.5/8$

Right Out: -88.586 ± 1.433 $\chi^2/\text{NDF}: 966.5/18$

Left In: -60.896 ± 1.313 $\chi^2/\text{NDF}: 110.7/6$

Left: -62.974 ± 0.892 $\chi^2/\text{NDF}: 476.9/15$

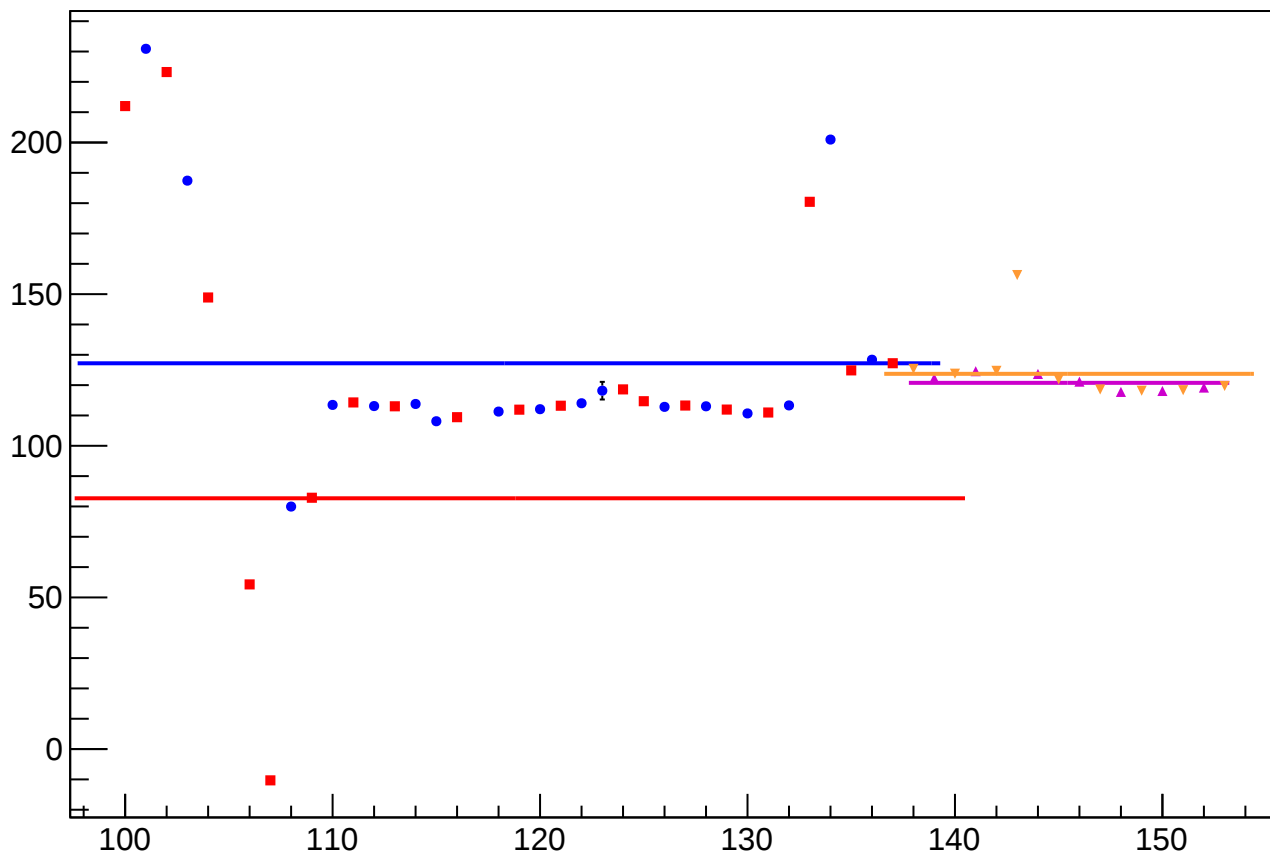
Right: -98.530 ± 1.062 $\chi^2/\text{NDF}: 1582.1/35$

In: -81.198 ± 1.010 $\chi^2/\text{NDF}: 1205.2/23$

Out: -74.733 ± 0.927 $\chi^2/\text{NDF}: 1488.7/27$

All: -77.689 ± 0.683 $\chi^2/\text{NDF}: 2716.2/51$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.727 $\pm$ 0.063 χ^2 /NDF: 24217.5/8

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

Left: 122.308 $\pm$ 0.045 χ^2 /NDF: 26781.6/15

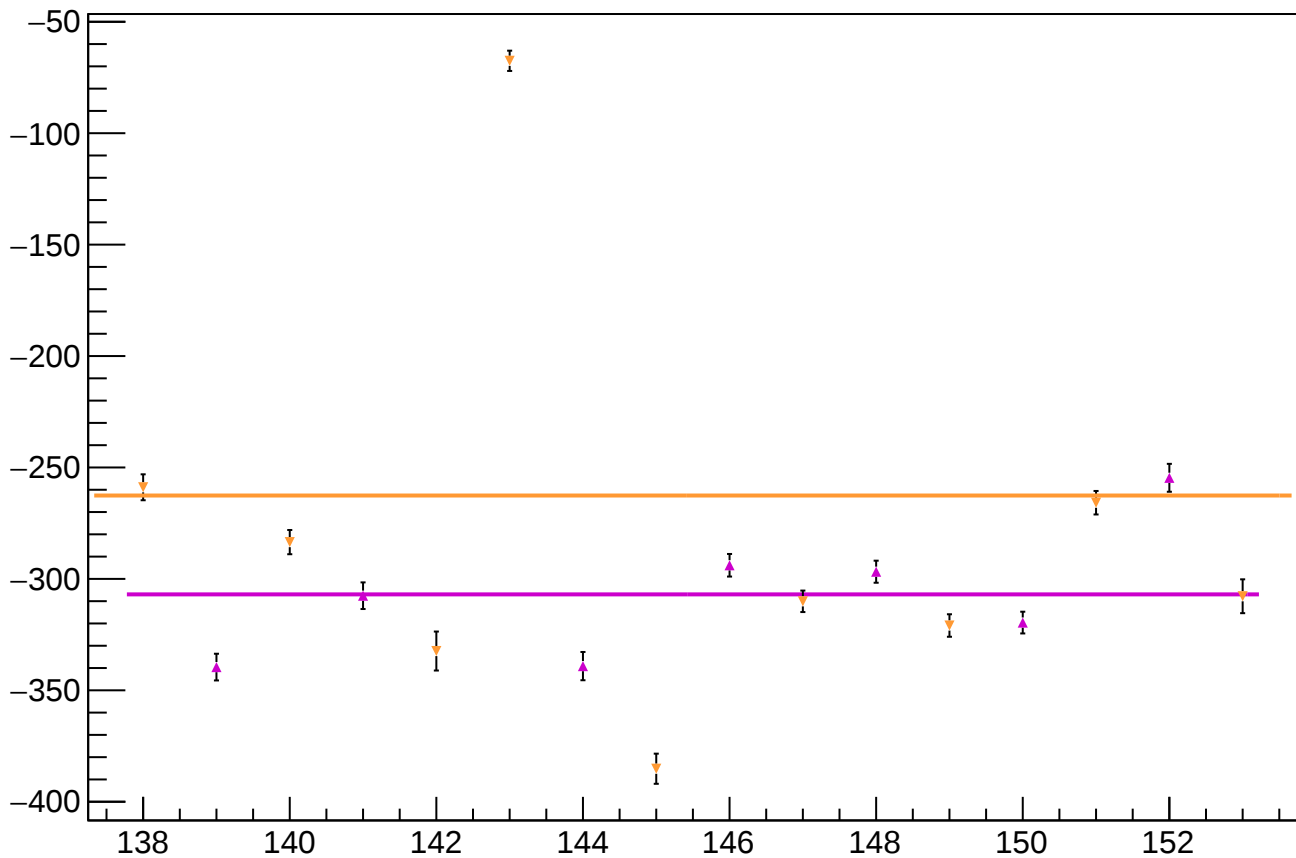
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 123.023 $\pm$ 0.053 χ^2 /NDF: 192913.5/23

Out: 106.910 $\pm$ 0.048 χ^2 /NDF: 965296.6/27

All: 114.223 $\pm$ 0.036 χ^2 /NDF: 1208947.1/51

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -306.949+/-2.094 χ^2/NDF :142.8/6

Left: -282.411+/-1.400 χ^2/NDF : 2903.2/15

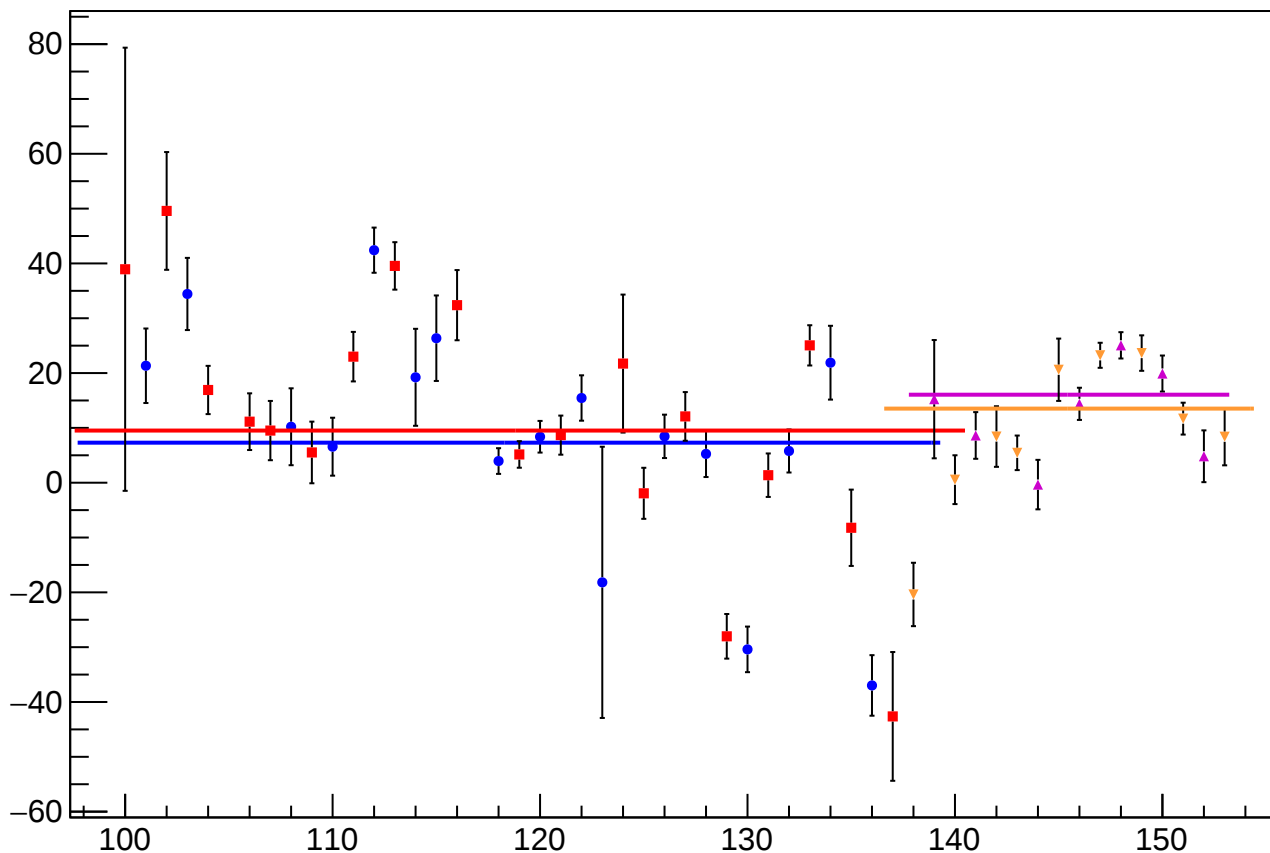
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.949+/-2.094 χ^2/NDF :142.8/6

Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

All: -282.411+/-1.400 χ^2/NDF : 2903.2/15

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.518 ± 1.207 χ^2/NDF : 81.1/8

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 16.053 ± 1.361 χ^2/NDF : 37.7/6

Left: 14.634 ± 0.903 χ^2/NDF : 120.7/15

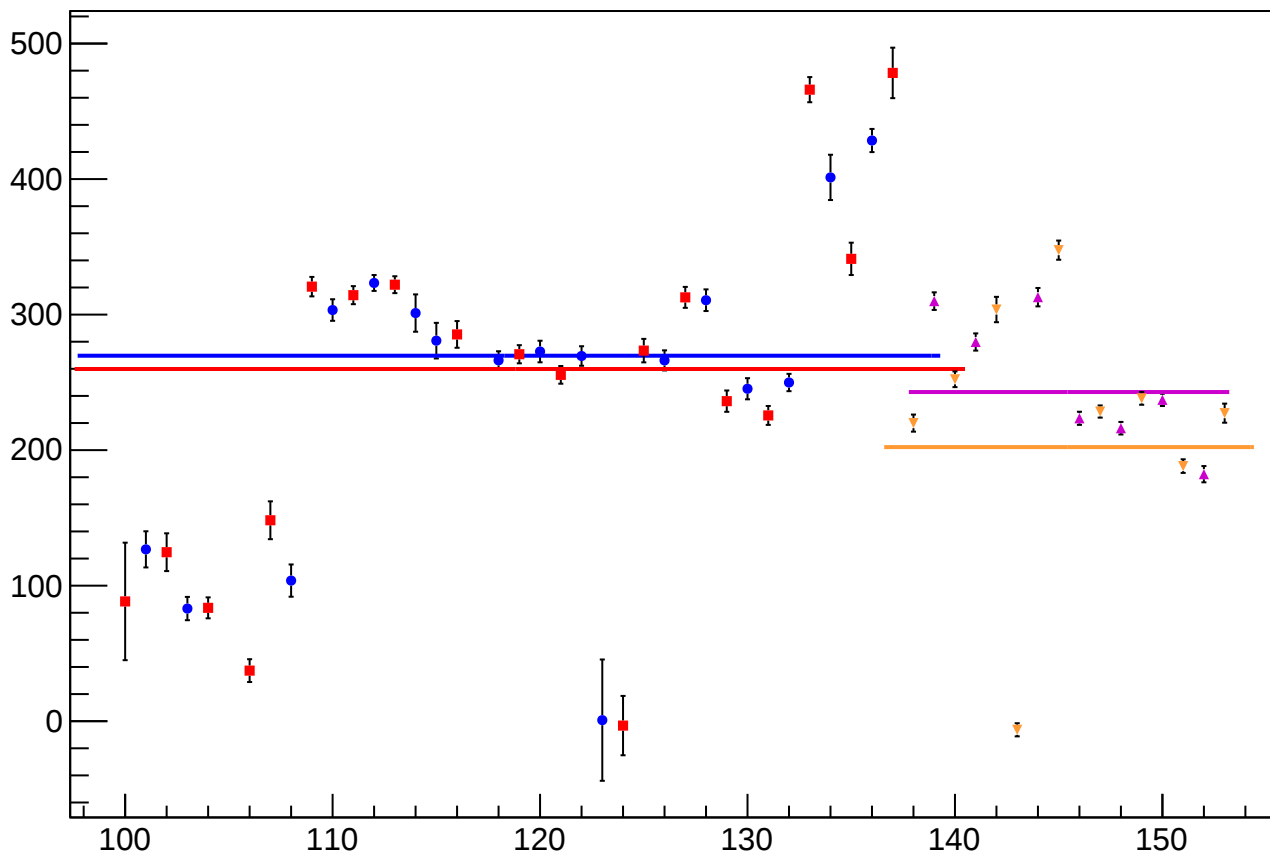
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.704 ± 0.849 χ^2/NDF : 323.6/23

Out: 11.281 ± 0.802 χ^2/NDF : 318.9/27

All: 11.009 ± 0.583 χ^2/NDF : 642.7/51

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 202.230 $\pm$ 1.881 χ^2 /NDF:2581.1/8

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 242.870 $\pm$ 2.062 χ^2 /NDF:399.9/6

Left: 220.686 $\pm$ 1.389 χ^2 /NDF: 3193.0/15

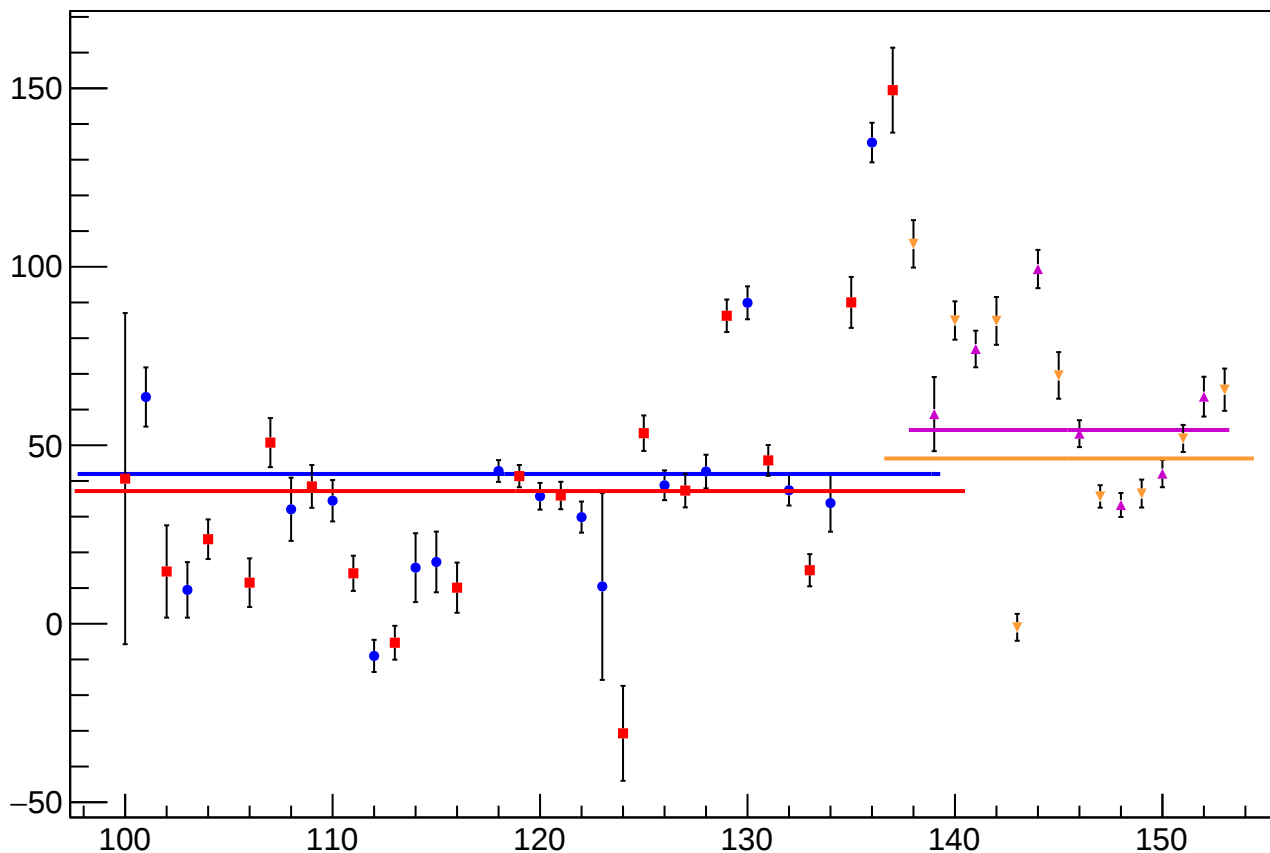
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 256.175 $\pm$ 1.463 χ^2 /NDF:1860.3/23

Out: 229.614 $\pm$ 1.362 χ^2 /NDF:5571.0/27

All: 241.952 $\pm$ 0.997 χ^2 /NDF: 7607.9/51

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 46.301 $\pm$ 1.511 χ^2 /NDF:367.5/8

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 54.280 $\pm$ 1.709 χ^2 /NDF:143.0/6

Left: 49.802 $\pm$ 1.132 χ^2 /NDF: 522.7/15

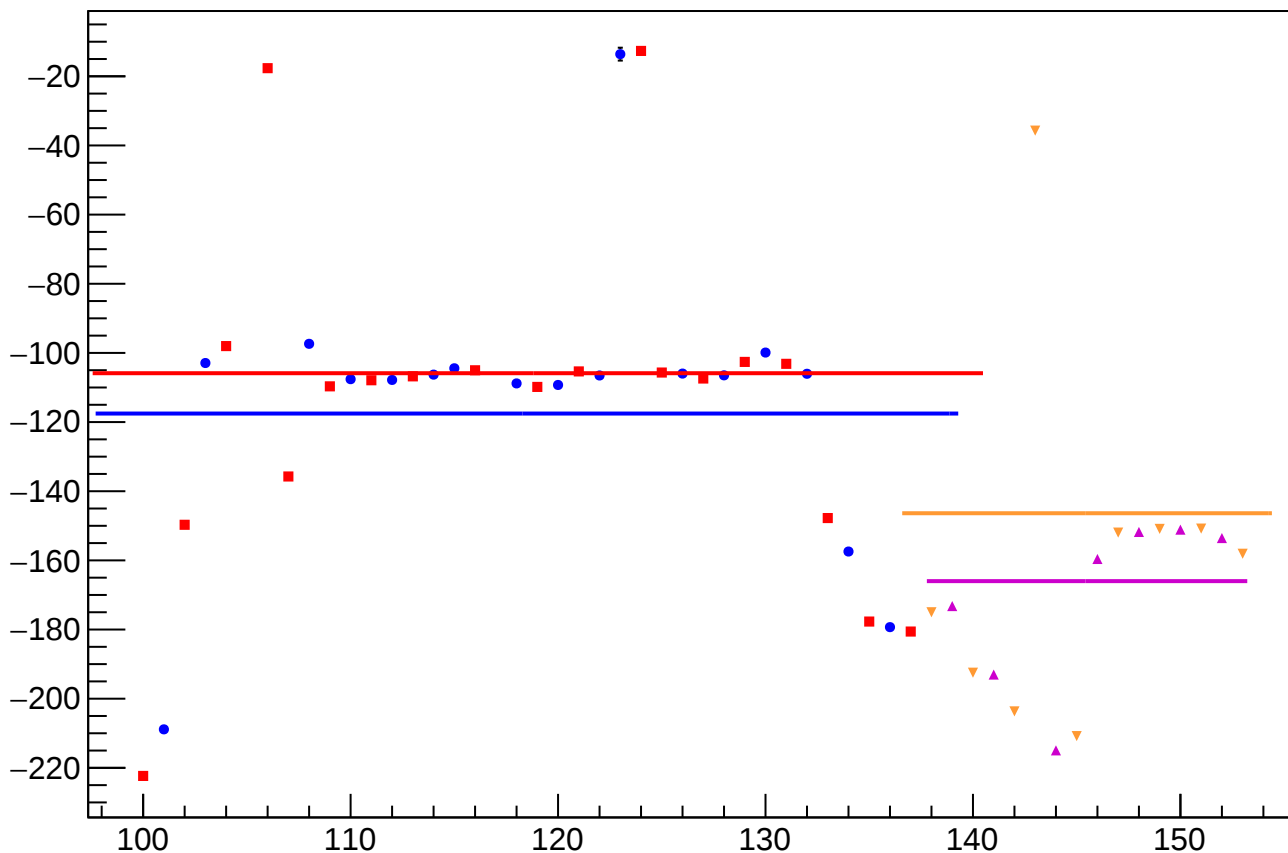
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 46.289 $\pm$ 1.013 χ^2 /NDF:750.9/23

Out: 40.831 $\pm$ 0.957 χ^2 /NDF:860.2/27

All: 43.403 $\pm$ 0.696 χ^2 /NDF: 1626.5/51

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -146.365+/-0.079 χ^2/NDF : 448574.9/8

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -166.001+/-0.086 χ^2/NDF : 53733.8/6

Left: -155.328+/-0.058 χ^2/NDF : 530559.0/15

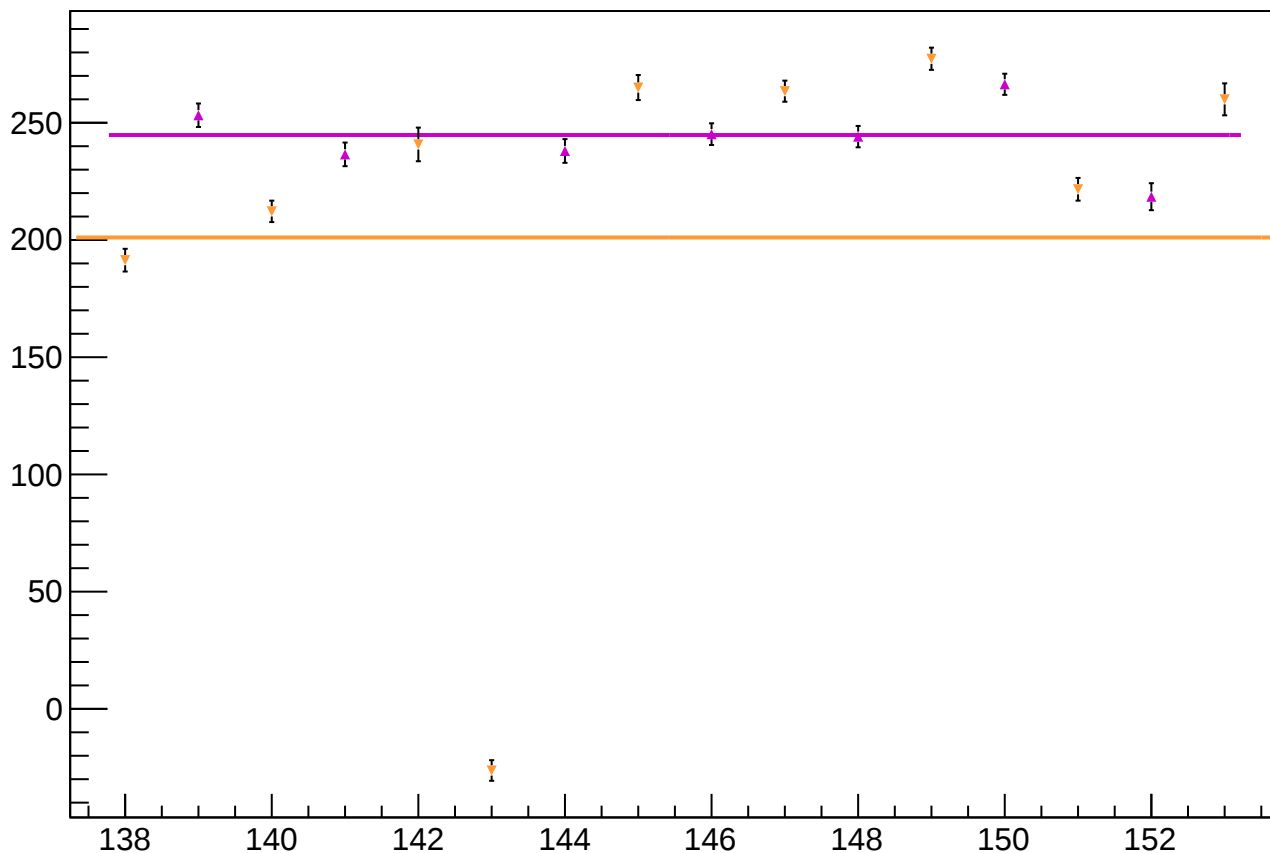
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -139.410+/-0.058 χ^2/NDF : 369499.6/23

Out: -124.477+/-0.054 χ^2/NDF : 915185.7/27

All: -131.359+/-0.039 χ^2/NDF : 1320591.6/51

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.775+/-1.849 χ^2/NDF :51.3/6

Left: 220.821+/-1.243 χ^2/NDF : 3762.6/15

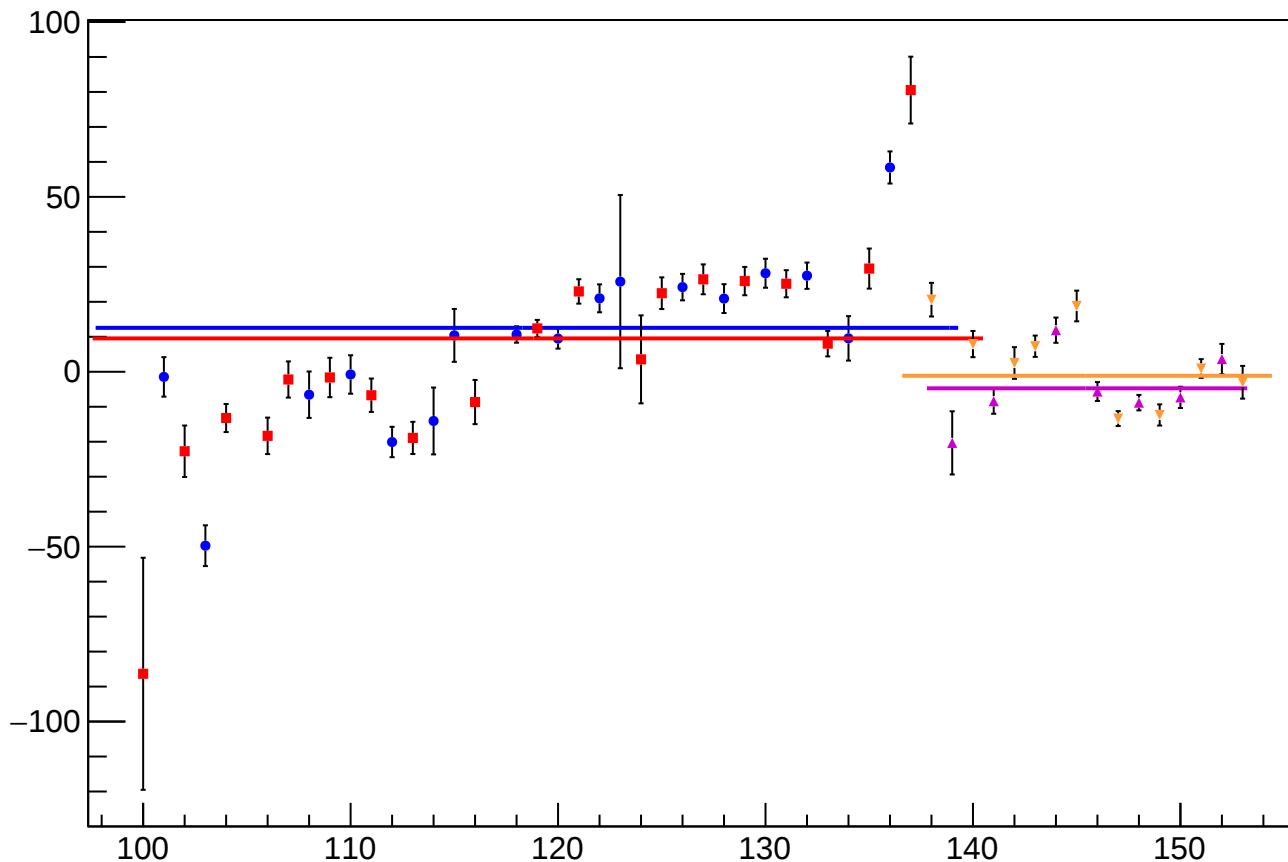
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

All: 220.821+/-1.243 χ^2/NDF : 3762.6/15

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -1.141+/-1.093 χ^2/NDF : 102.7/8

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -4.730+/-1.221 χ^2/NDF : 33.3/6

Left: -2.737+/-0.815 χ^2/NDF : 140.7/15

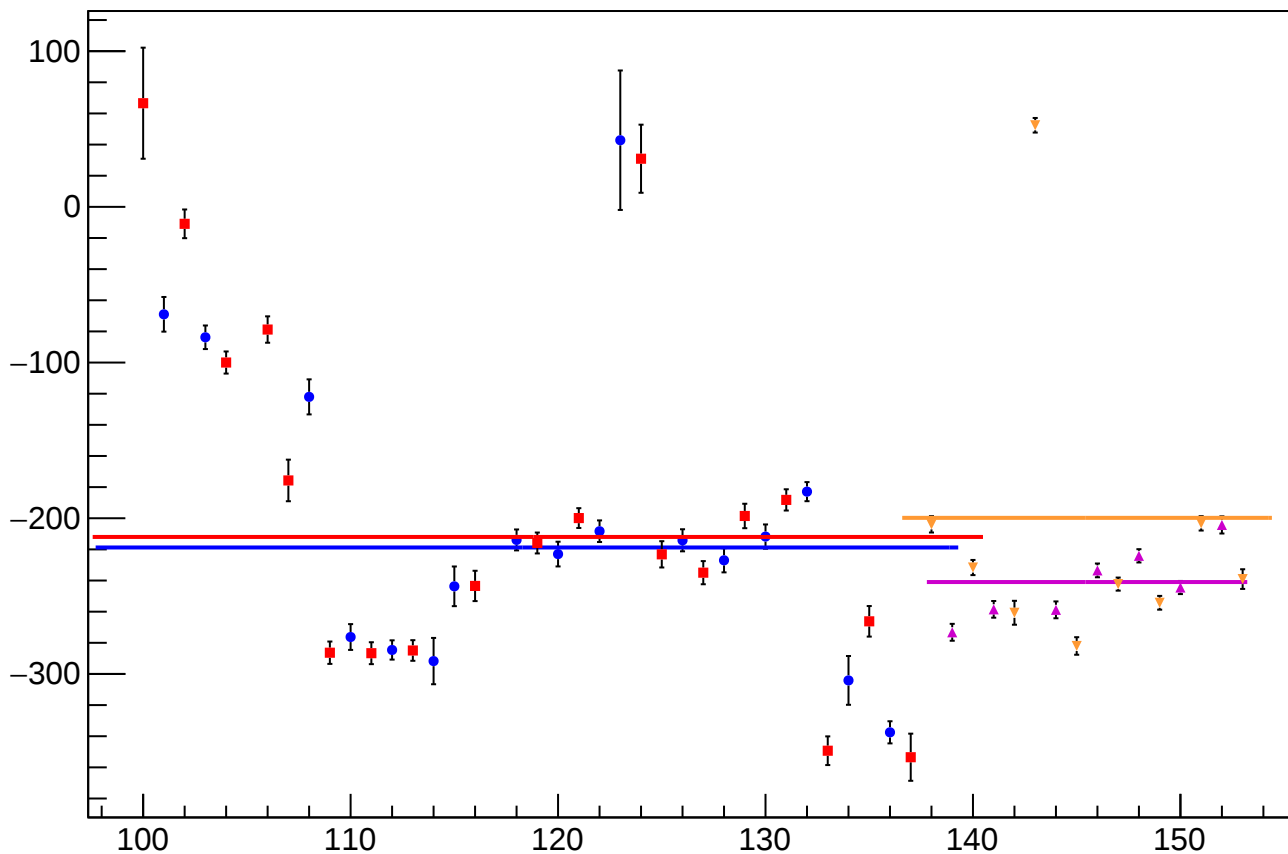
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.153+/-0.799 χ^2/NDF : 496.3/23

Out: 4.418+/-0.757 χ^2/NDF : 448.2/27

All: 4.765+/-0.550 χ^2/NDF : 944.9/51

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -199.740 ± 1.685 χ^2/NDF : 3506.5/8

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -240.970 ± 1.831 χ^2/NDF : 120.4/6

Left: -218.647 ± 1.240 χ^2/NDF : 3901.3/15

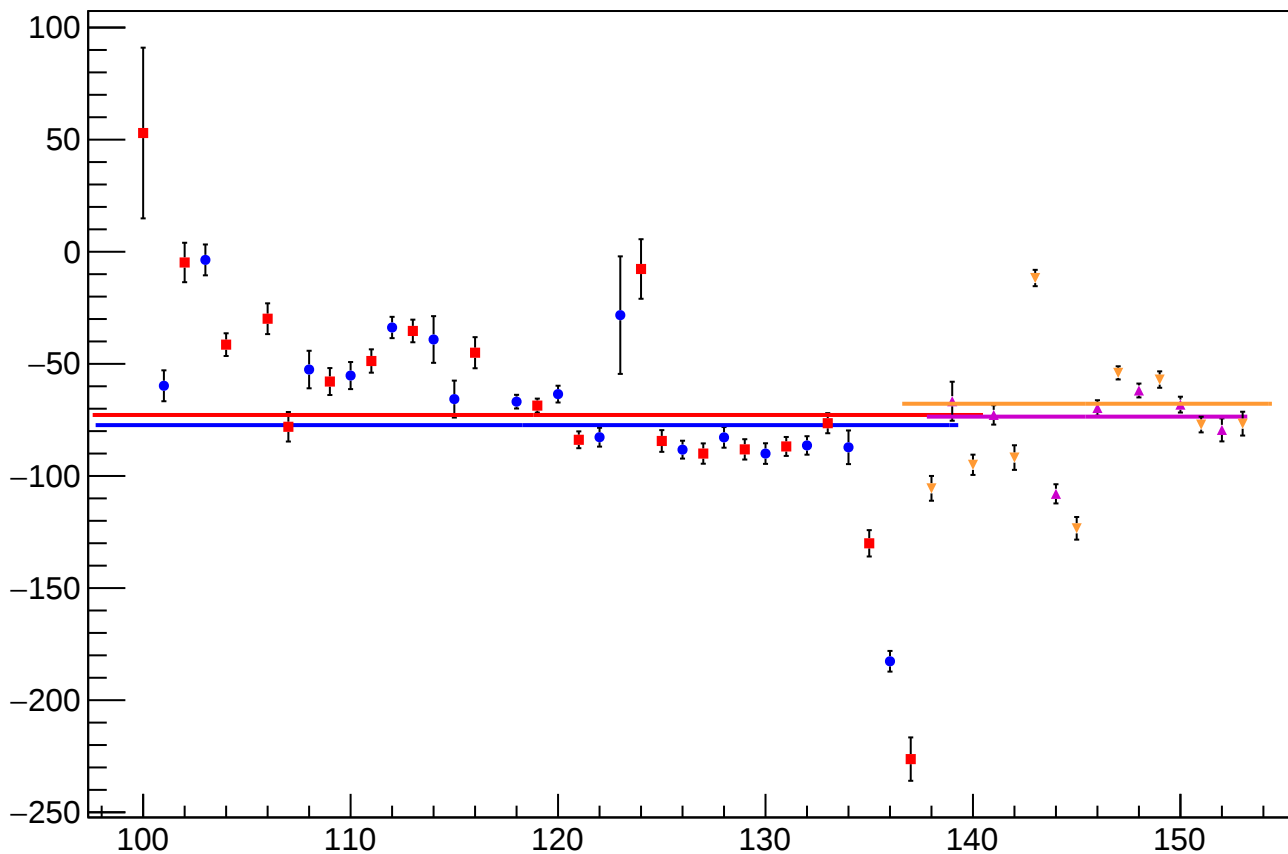
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -230.901 ± 1.354 χ^2/NDF : 1331.5/23

Out: -205.067 ± 1.268 χ^2/NDF : 5415.1/27

All: -217.136 ± 0.925 χ^2/NDF : 6940.7/51

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -67.786 ± 1.364 χ^2/NDF : 500.6/8

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -73.539 ± 1.528 χ^2/NDF : 84.6/6

Left: -70.338 ± 1.017 χ^2/NDF : 593.1/15

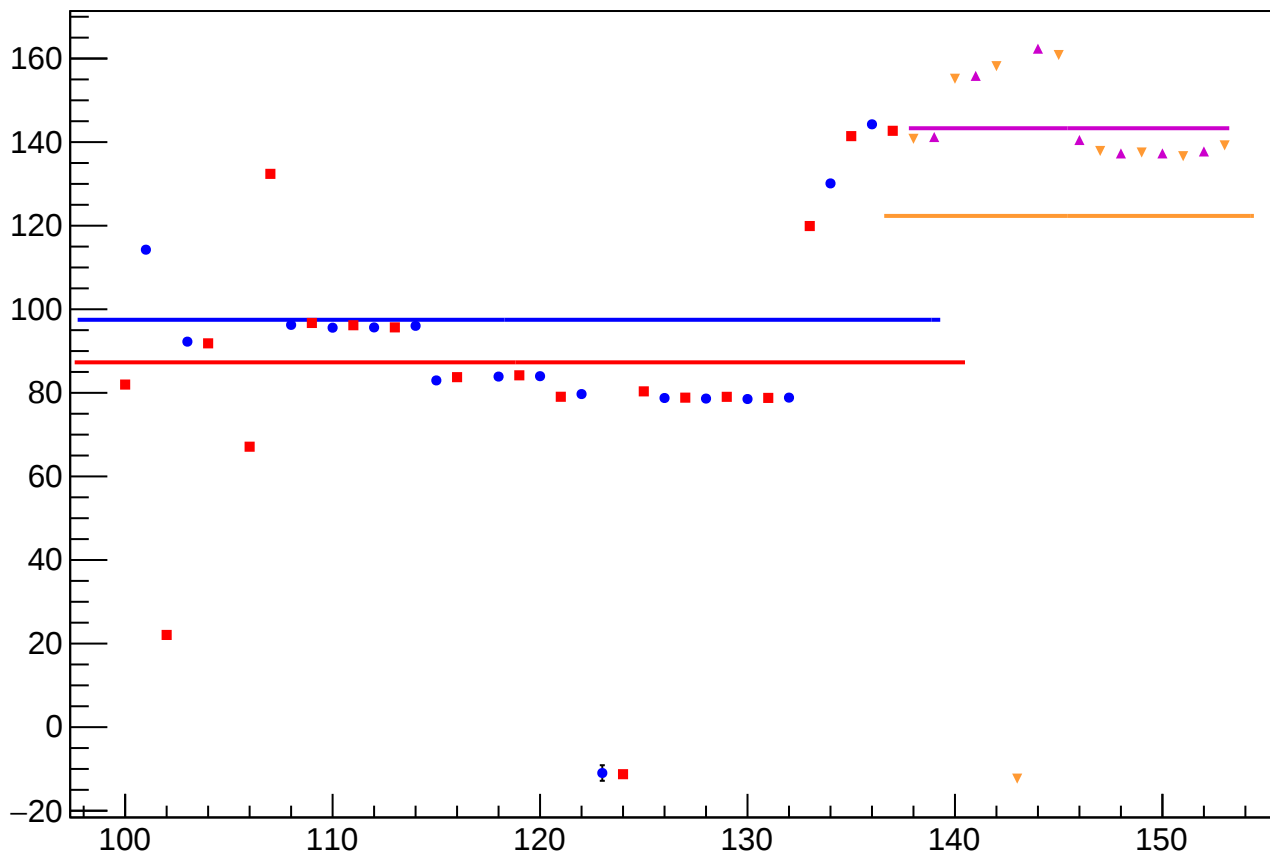
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -75.844 ± 0.954 χ^2/NDF : 906.0/23

Out: -70.596 ± 0.904 χ^2/NDF : 1179.9/27

All: -73.078 ± 0.656 χ^2/NDF : 2101.8/51

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 122.339+/-0.070 χ^2/NDF : 610123.5/8

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 143.320+/-0.076 χ^2/NDF : 12988.8/6

Left: 132.010+/-0.052 χ^2/NDF : 663942.2/15

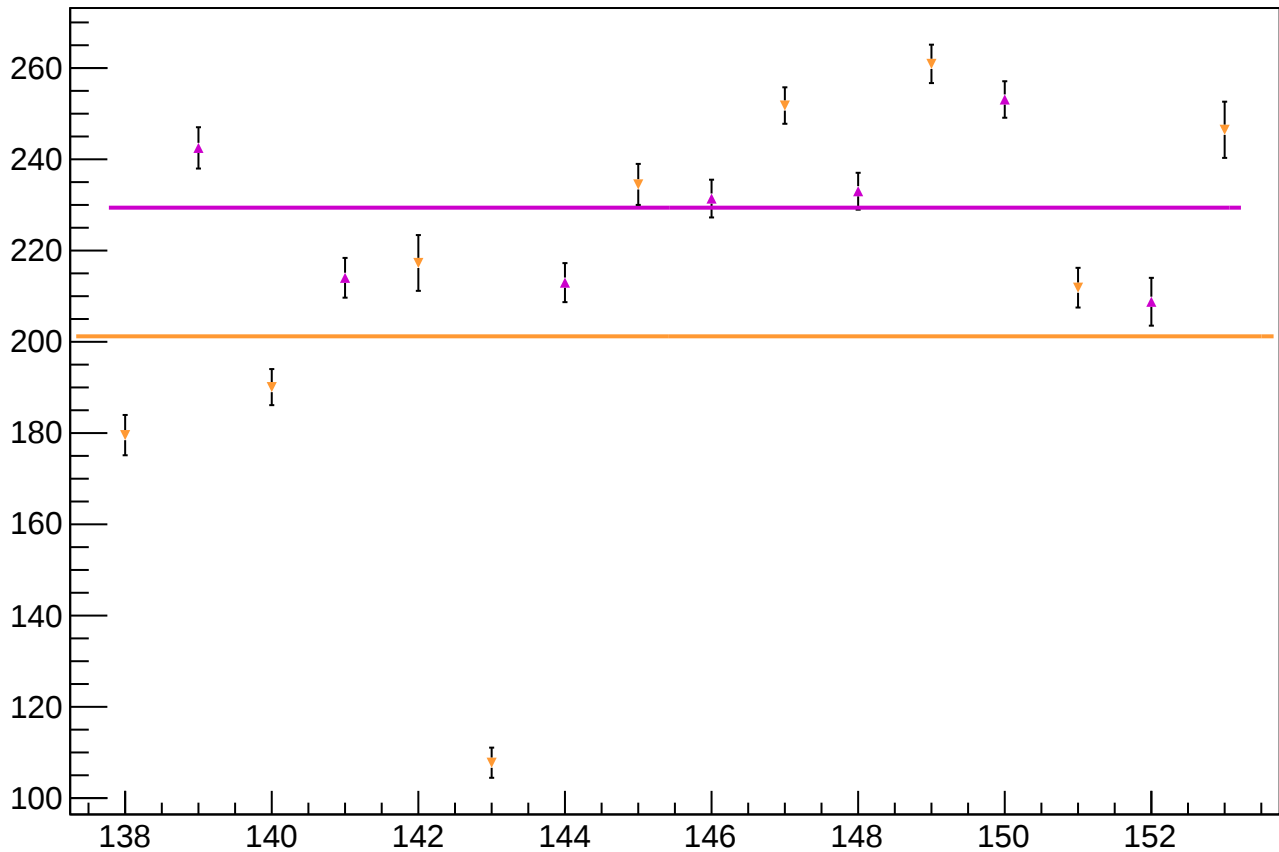
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 119.522+/-0.053 χ^2/NDF : 295061.9/23

Out: 104.244+/-0.049 χ^2/NDF : 959583.6/27

All: 111.308+/-0.036 χ^2/NDF : 1299547.1/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.401+/-1.634 χ^2/NDF :87.2/6

Left: 213.548+/-1.081 χ^2/NDF : 1568.8/15

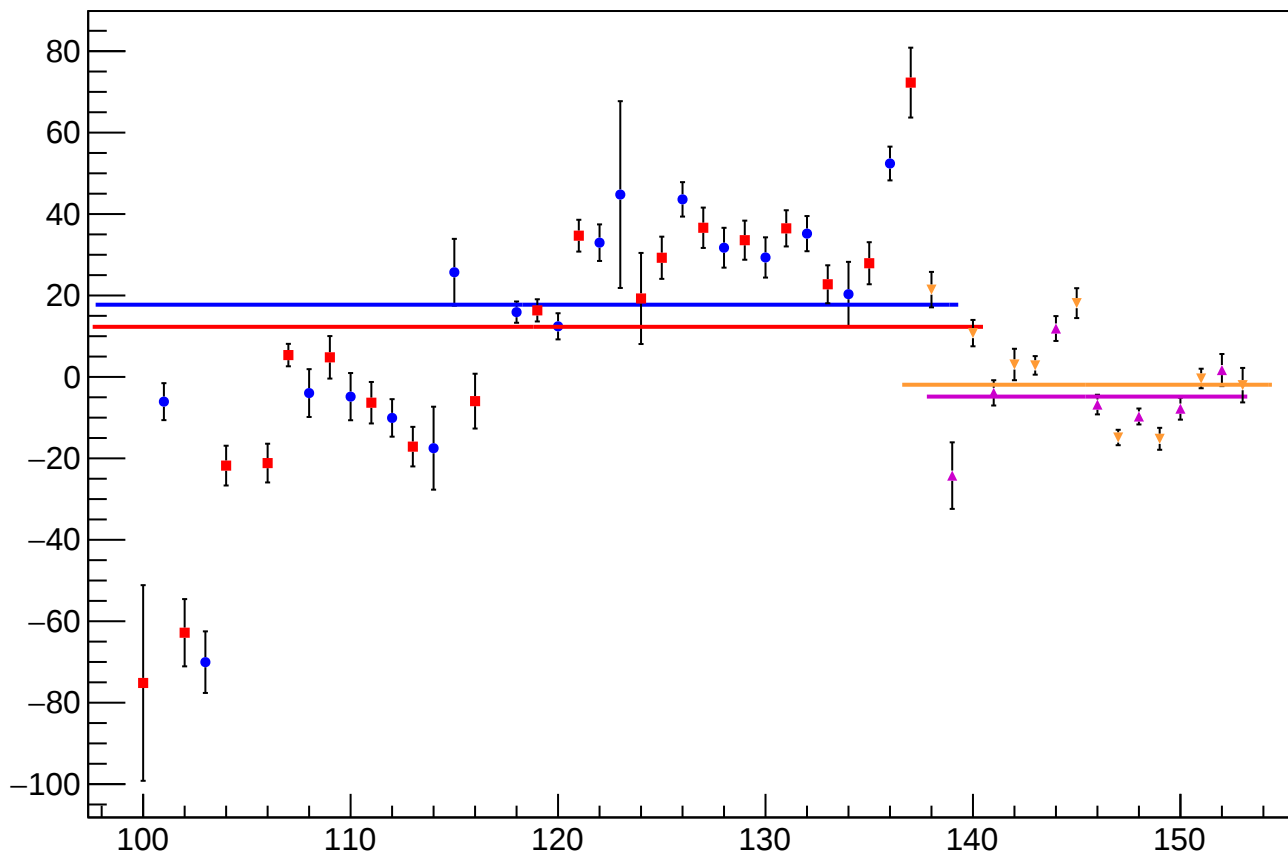
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

All: 213.548+/-1.081 χ^2/NDF : 1568.8/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.917 ± 0.941 $\chi^2/\text{NDF}: 151.5/8$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

Left: -3.177 ± 0.709 $\chi^2/\text{NDF}: 202.2/15$

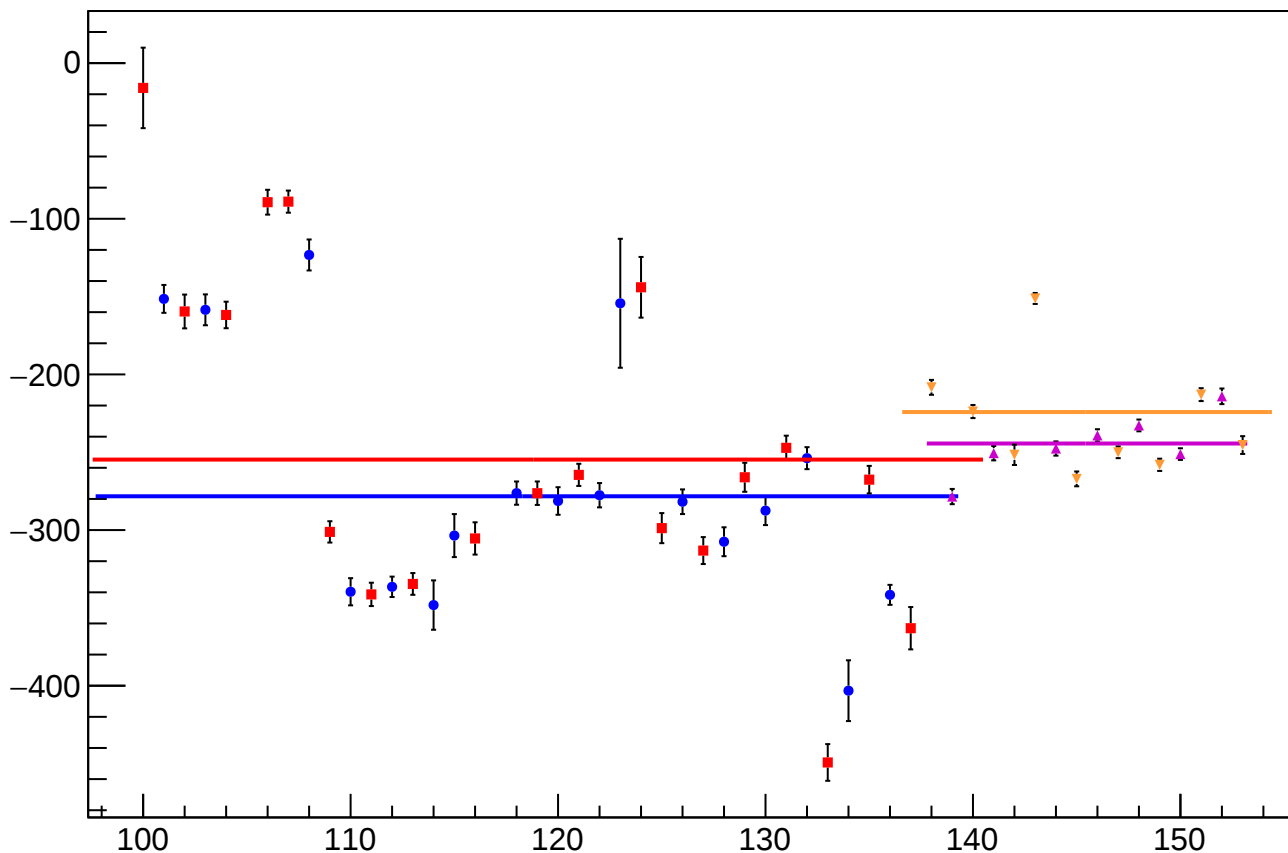
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.740 ± 0.786 $\chi^2/\text{NDF}: 645.8/23$

Out: 4.197 ± 0.711 $\chi^2/\text{NDF}: 692.1/27$

All: 4.891 ± 0.527 $\chi^2/\text{NDF}: 1339.9/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -224.176 ± 1.454 $\chi^2/\text{NDF}: 681.8/8$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -244.386 ± 1.620 $\chi^2/\text{NDF}: 101.7/6$

Left: -233.188 ± 1.082 $\chi^2/\text{NDF}: 869.7/15$

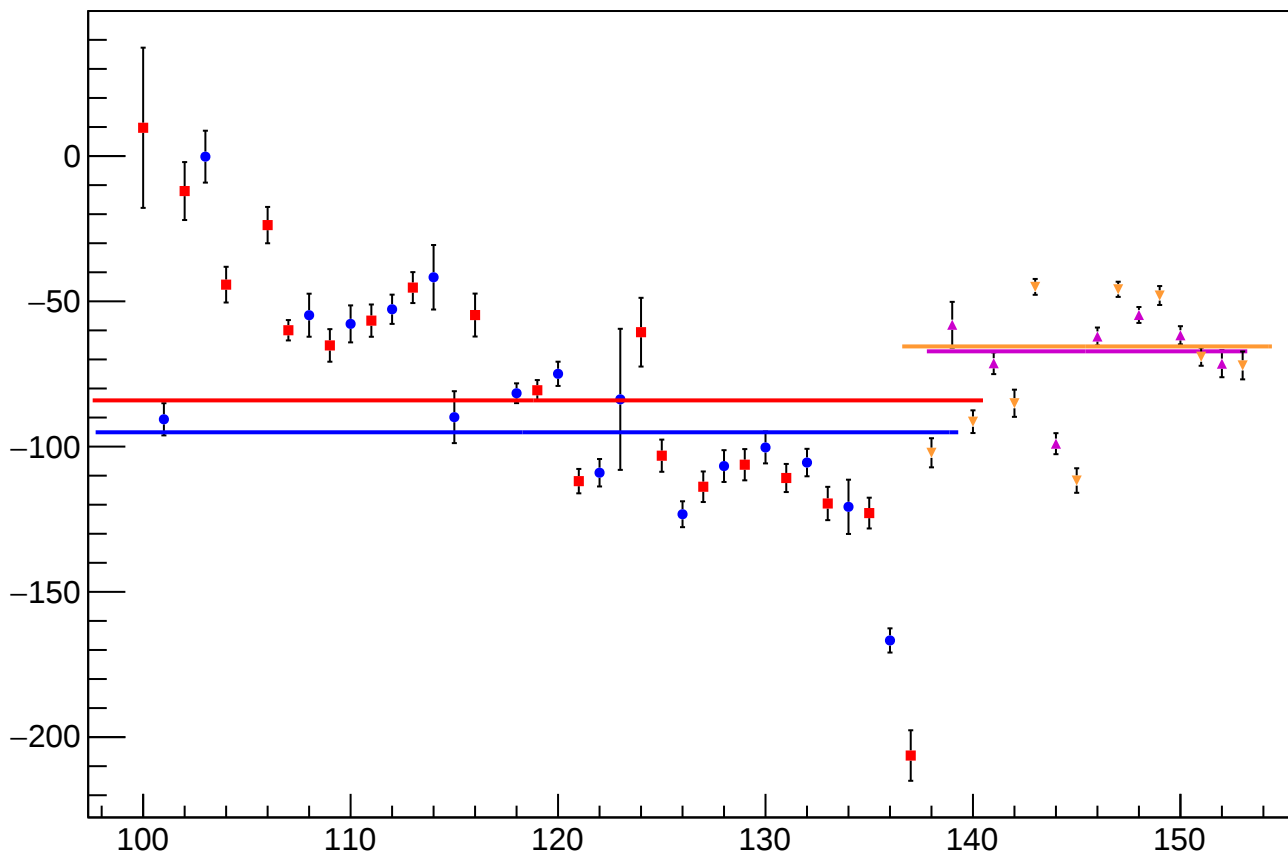
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -256.509 ± 1.299 $\chi^2/\text{NDF}: 1168.2/23$

Out: -234.604 ± 1.180 $\chi^2/\text{NDF}: 2870.5/27$

All: -244.506 ± 0.873 $\chi^2/\text{NDF}: 4194.6/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.520 ± 1.172 $\chi^2/\text{NDF}: 379.3/8$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -67.212 ± 1.348 $\chi^2/\text{NDF}: 107.2/6$

Left: -66.249 ± 0.884 $\chi^2/\text{NDF}: 487.5/15$

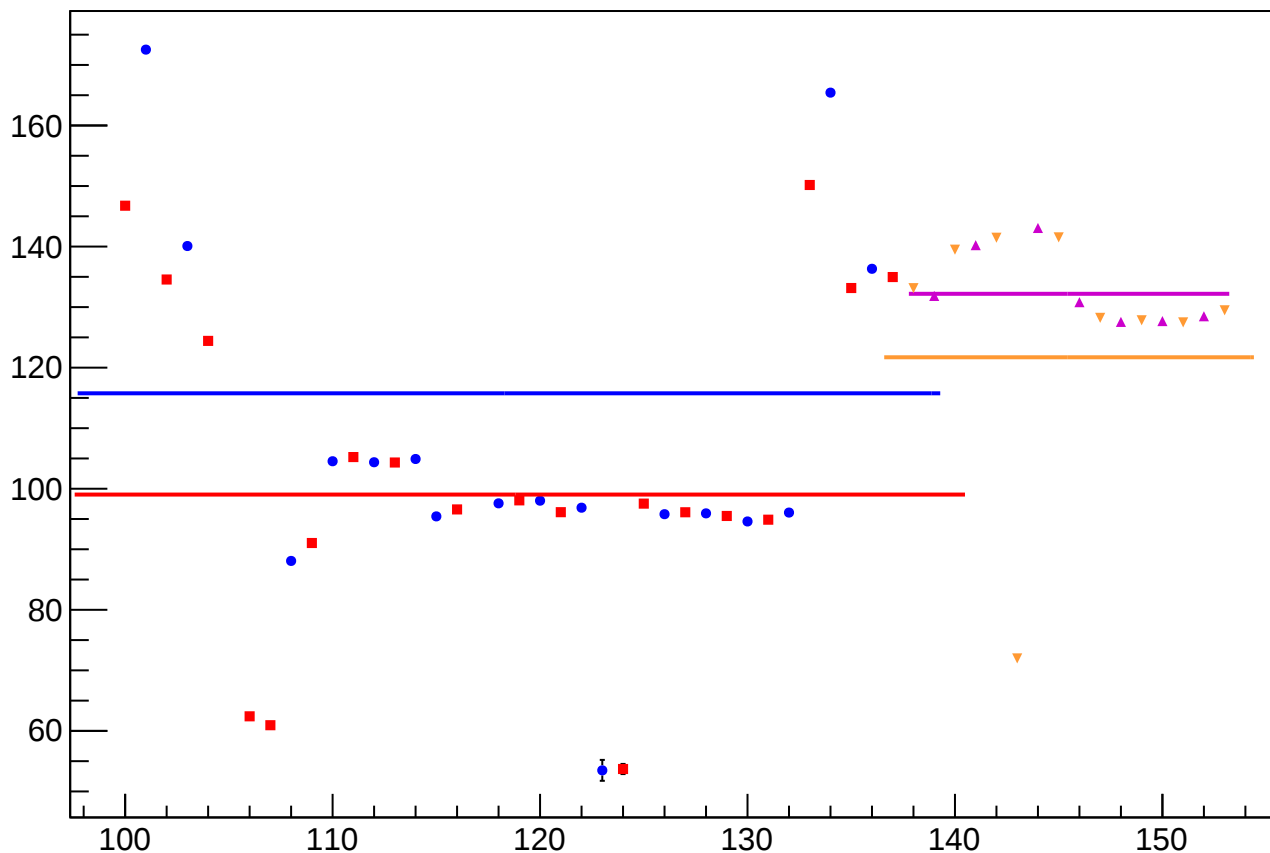
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -81.378 ± 0.945 $\chi^2/\text{NDF}: 997.7/23$

Out: -74.158 ± 0.857 $\chi^2/\text{NDF}: 1276.6/27$

All: -77.416 ± 0.635 $\chi^2/\text{NDF}: 2306.3/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 121.713 $\pm$ 0.061 χ^2 /NDF:157815.5/8

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 132.198 $\pm$ 0.068 χ^2 /NDF:6825.5/6

Left: 126.400 $\pm$ 0.045 χ^2 /NDF: 177963.8/15

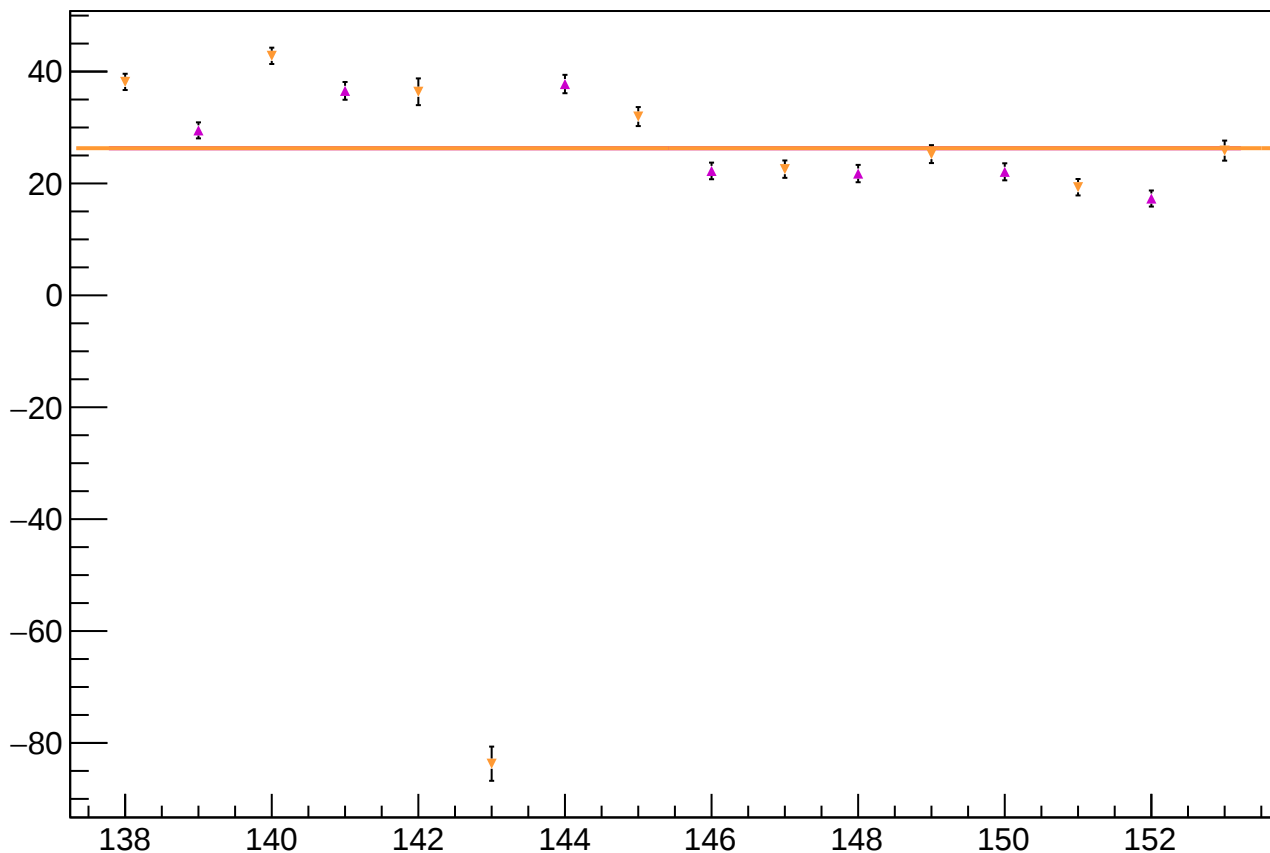
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.163 $\pm$ 0.051 χ^2 /NDF:138461.7/23

Out: 111.730 $\pm$ 0.045 χ^2 /NDF:392674.7/27

All: 117.663 $\pm$ 0.034 χ^2 /NDF: 569742.9/51

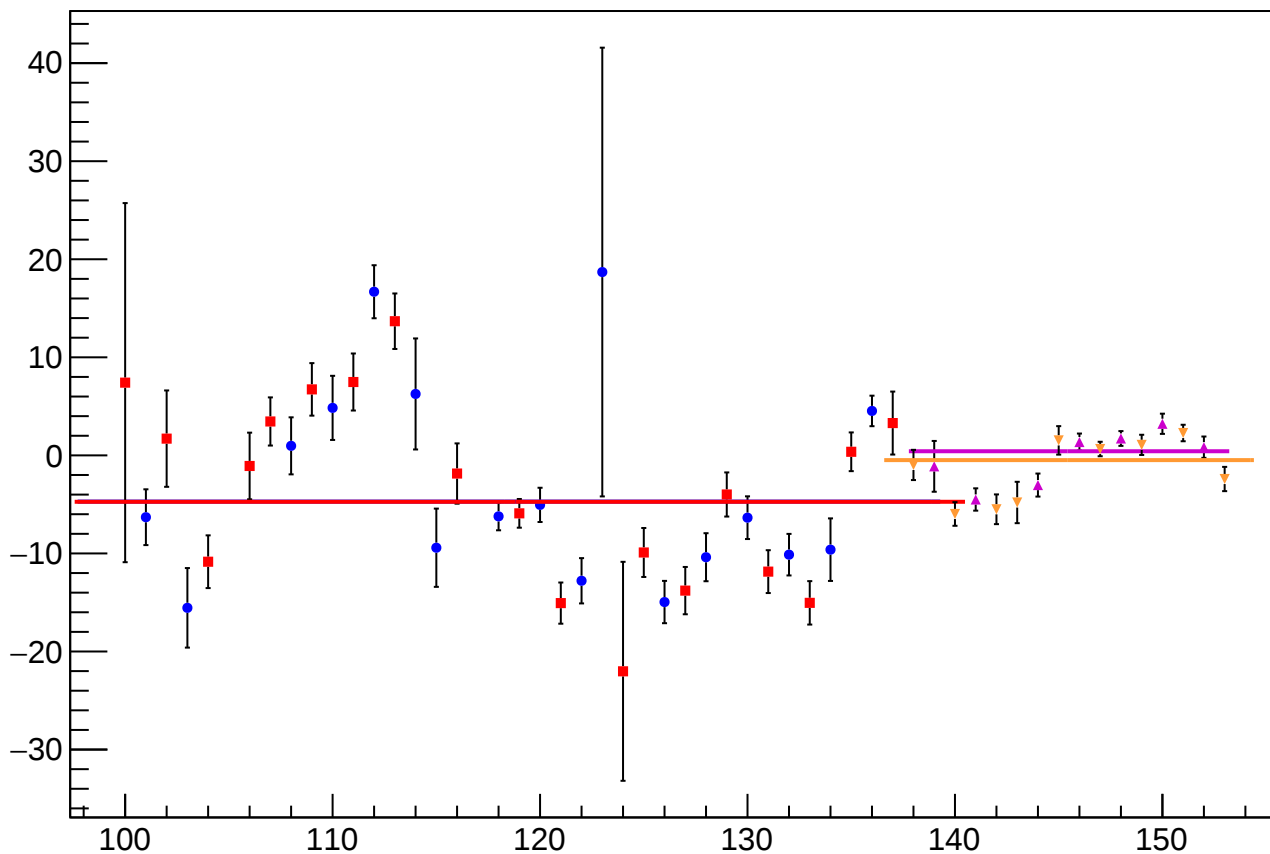
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.300+/-0.563 χ^2/NDF :1548.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.287+/-0.573 χ^2/NDF :158.3/6

Left: 26.294+/-0.402 χ^2/NDF : 1706.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.287+/-0.573 χ^2/NDF :158.3/6
 Out: 26.300+/-0.563 χ^2/NDF :1548.6/8
 All: 26.294+/-0.402 χ^2/NDF : 1706.9/15

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713±/0.581 χ^2/NDF : 174.7/16

Left Out: -0.483±/0.375 χ^2/NDF :55.9/8

Right Out: -4.732±/0.585 χ^2/NDF : 189.7/18

Left In: 0.421±/0.391 χ^2/NDF :39.4/6

Left: -0.050±/0.271 χ^2/NDF : 98.0/15

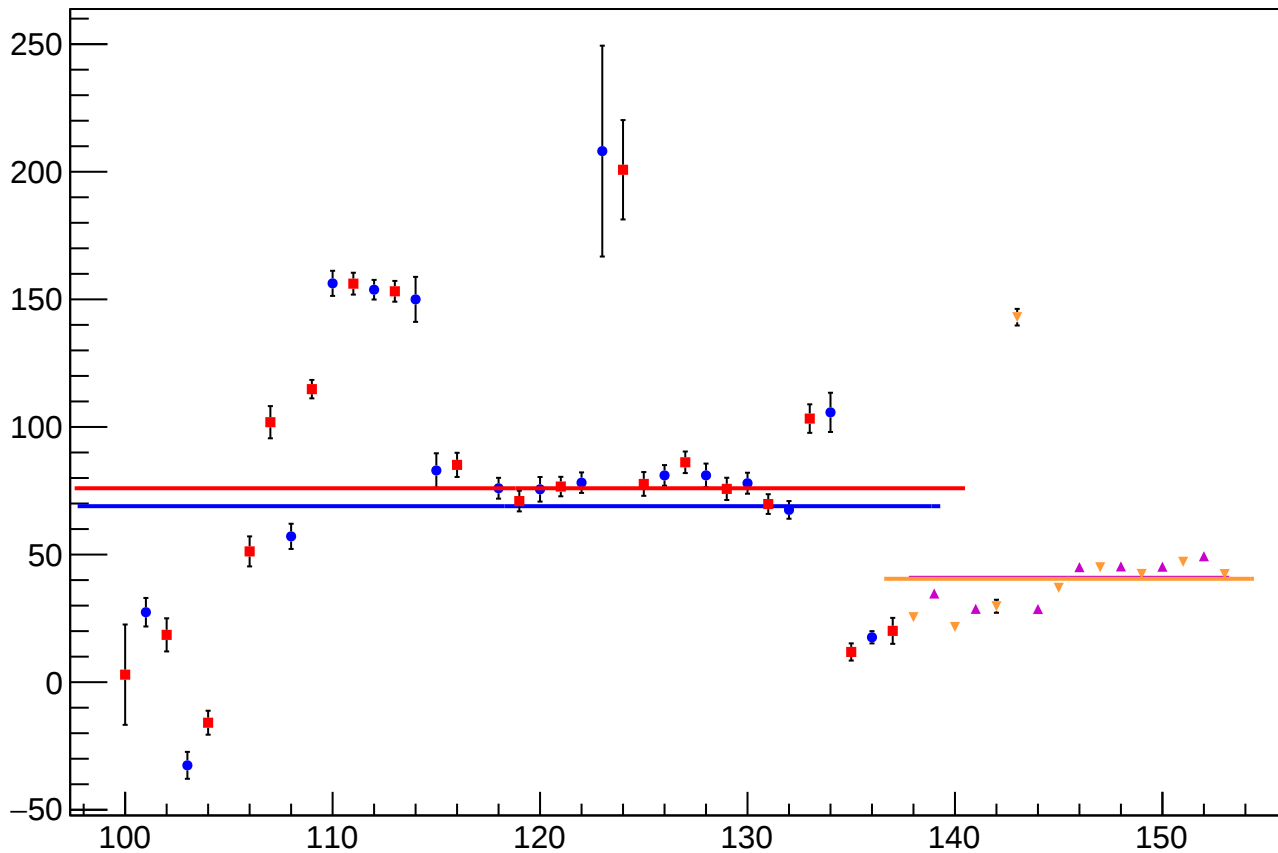
Right: -4.723±/0.412 χ^2/NDF : 364.4/35

In: -1.183±/0.325 χ^2/NDF :267.8/23

Out: -1.723±/0.316 χ^2/NDF :283.0/27

All: -1.460±/0.226 χ^2/NDF : 552.2/51

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.514 $\pm$ 0.562 χ^2 /NDF:1284.9/8

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.900 $\pm$ 0.570 χ^2 /NDF:181.3/6

Left: 40.705 $\pm$ 0.400 χ^2 /NDF: 1466.4/15

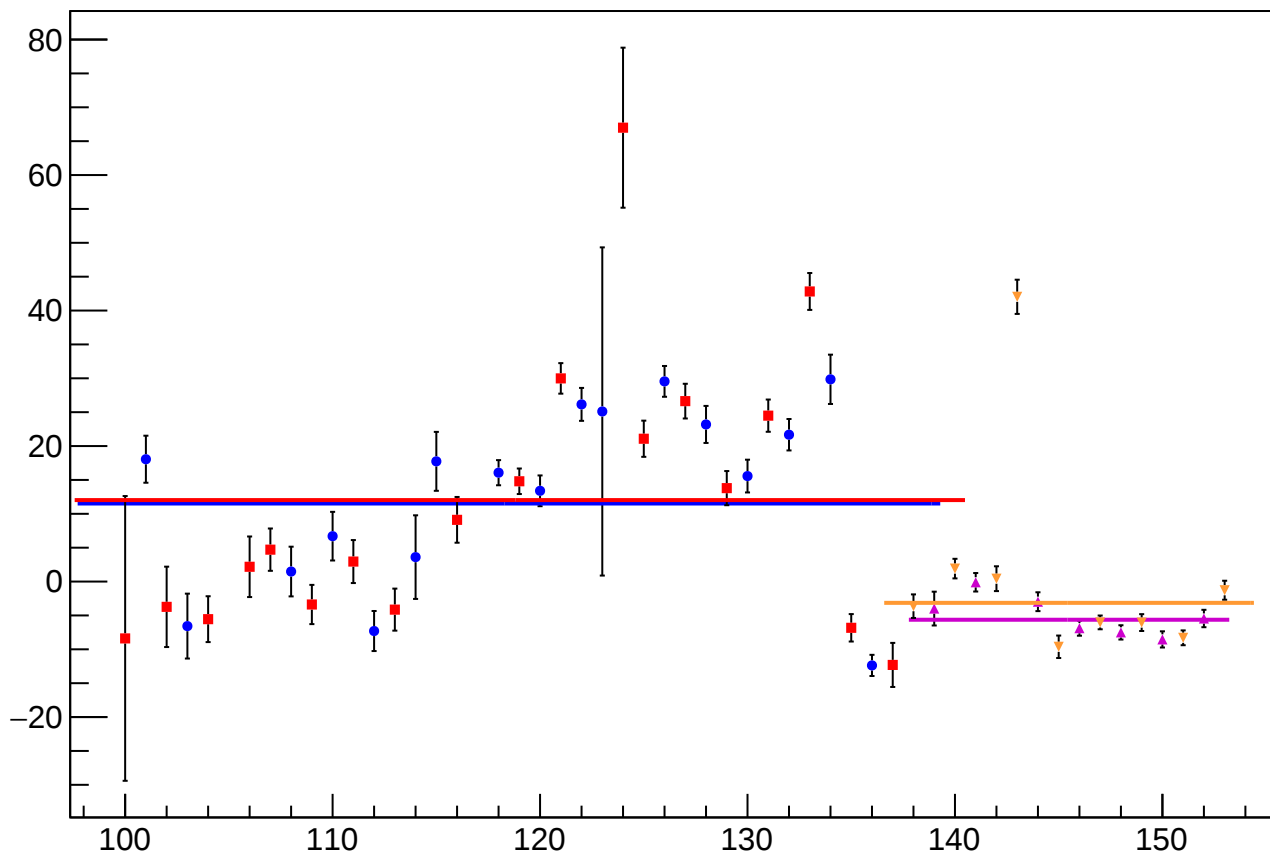
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 47.018 $\pm$ 0.504 χ^2 /NDF:2554.2/23

Out: 48.183 $\pm$ 0.497 χ^2 /NDF:4041.9/27

All: 47.608 $\pm$ 0.354 χ^2 /NDF: 6598.7/51

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.142 ± 0.467 $\chi^2/\text{NDF}: 388.9/8$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.635 ± 0.486 $\chi^2/\text{NDF}: 30.8/6$

Left: -4.338 ± 0.337 $\chi^2/\text{NDF}: 433.5/15$

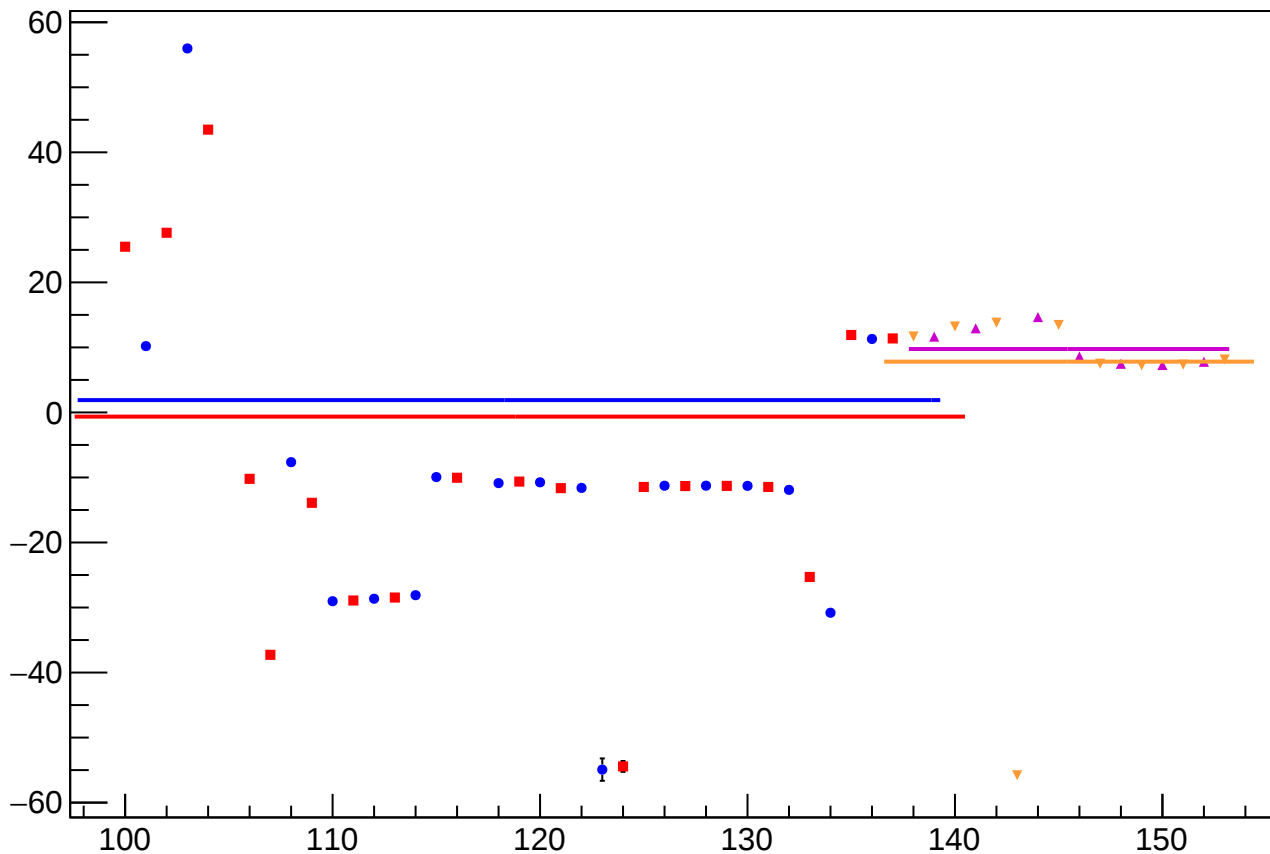
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 0.400 ± 0.391 $\chi^2/\text{NDF}: 946.3/23$

Out: 1.873 ± 0.382 $\chi^2/\text{NDF}: 1277.7/27$

All: 1.154 ± 0.273 $\chi^2/\text{NDF}: 2231.3/51$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.811 $\pm$ 0.023 χ^2/NDF :256208.4/8

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.751 $\pm$ 0.024 χ^2/NDF :12028.8/6

Left: 8.770 $\pm$ 0.017 χ^2/NDF : 271679.6/15

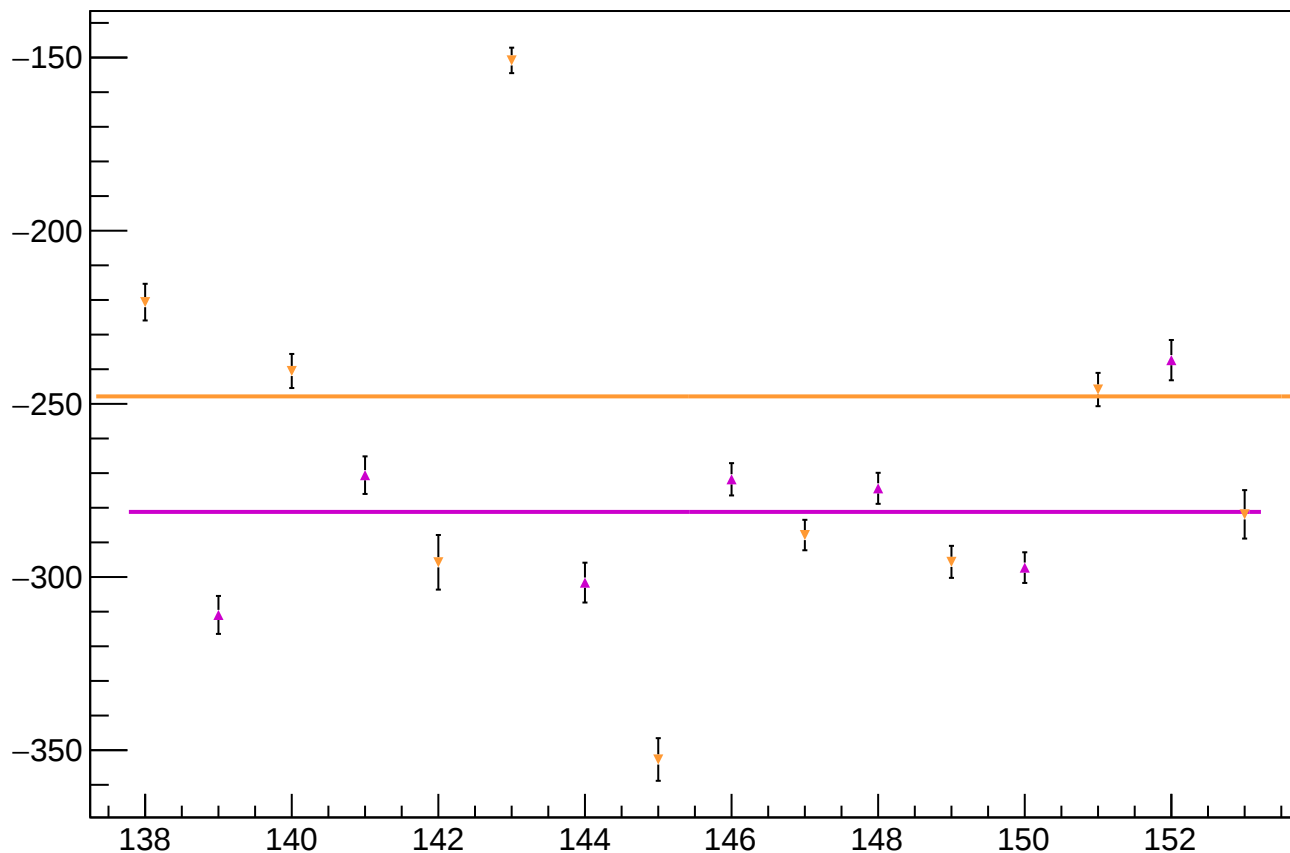
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.495 $\pm$ 0.020 χ^2/NDF :402934.7/23

Out: 5.423 $\pm$ 0.020 χ^2/NDF :655205.5/27

All: 6.450 $\pm$ 0.014 χ^2/NDF : 1063626.4/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.196+/-1.911 χ^2/NDF :122.2/6

Left: -262.353+/-1.260 χ^2/NDF : 1560.1/15

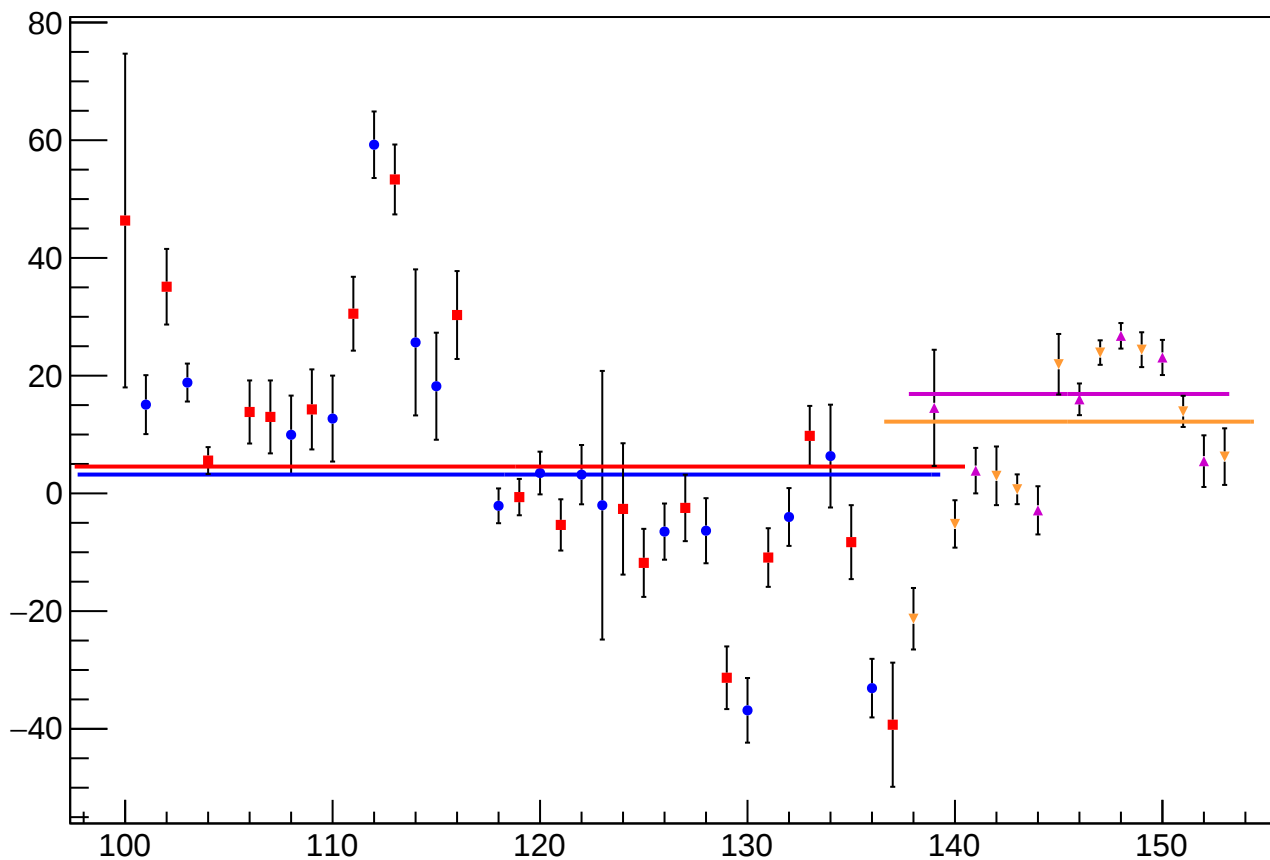
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

All: -262.353+/-1.260 χ^2/NDF : 1560.1/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 12.190 ± 1.076 $\chi^2/\text{NDF}: 138.1/8$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 16.888 ± 1.239 $\chi^2/\text{NDF}: 66.7/6$

Left: 14.210 ± 0.812 $\chi^2/\text{NDF}: 212.9/15$

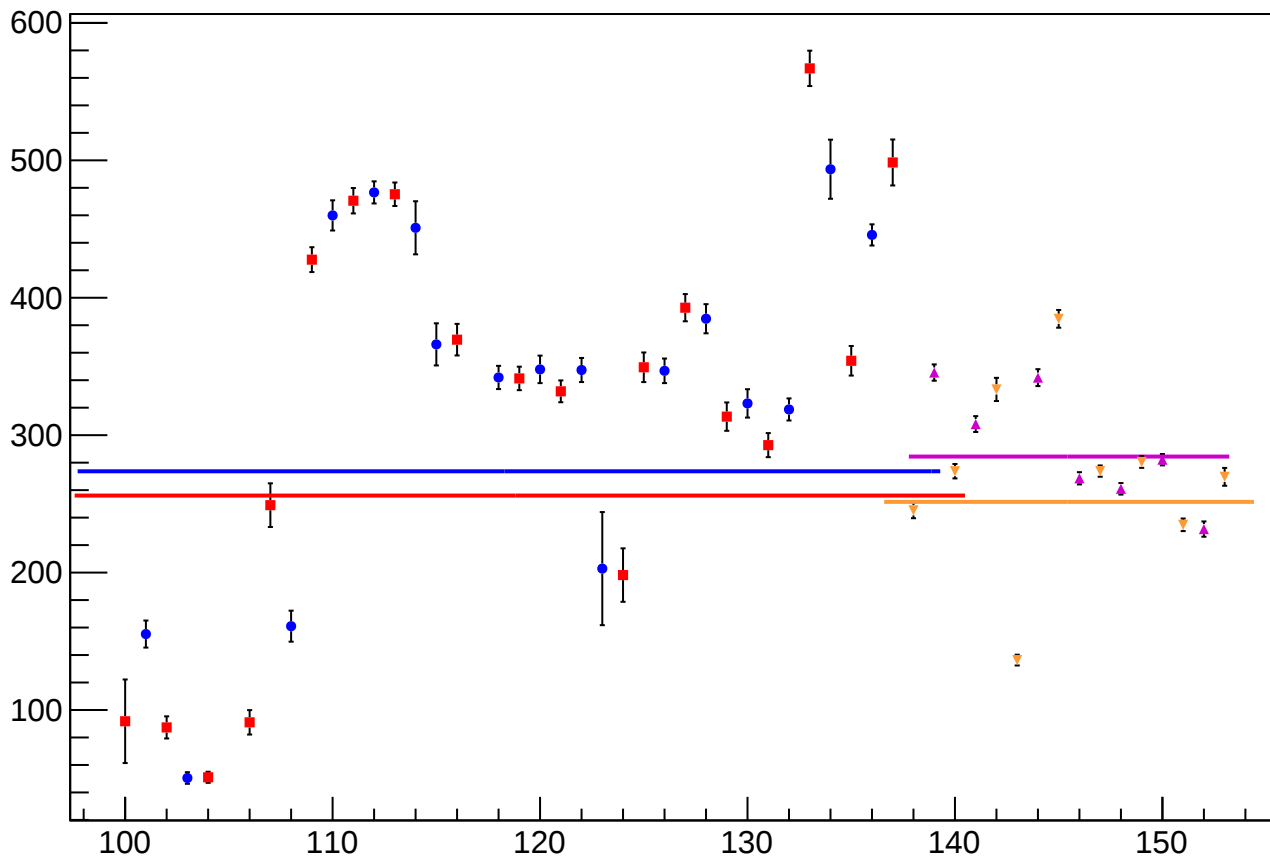
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 9.979 ± 0.872 $\chi^2/\text{NDF}: 383.4/23$

Out: 8.652 ± 0.788 $\chi^2/\text{NDF}: 385.3/27$

All: 9.249 ± 0.585 $\chi^2/\text{NDF}: 770.0/51$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 251.460 $\pm$ 1.680 χ^2 /NDF: 1497.5/8

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 284.437 $\pm$ 1.881 χ^2 /NDF: 343.9/6

Left: 266.095 $\pm$ 1.253 χ^2 /NDF: 2012.4/15

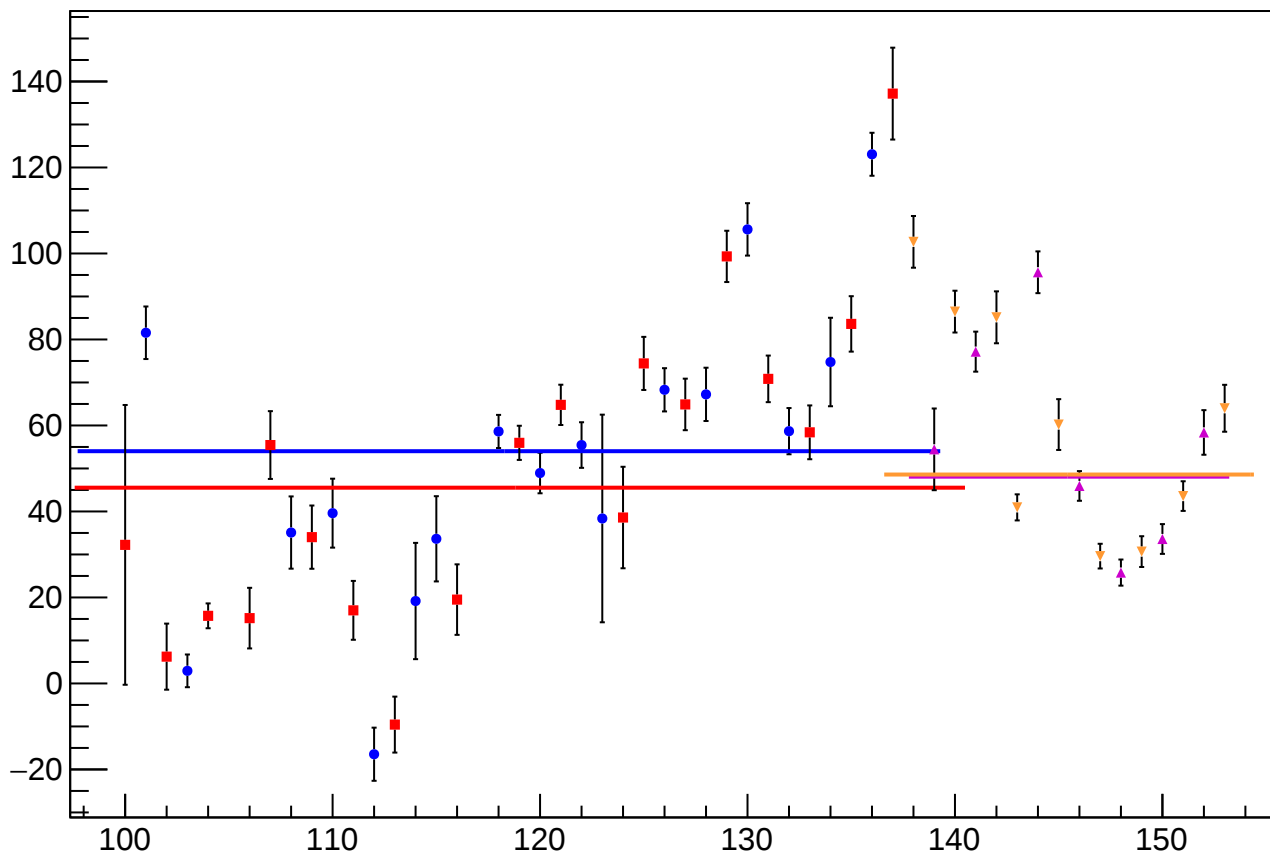
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.896 $\pm$ 1.428 χ^2 /NDF: 5461.0/23

Out: 253.276 $\pm$ 1.307 χ^2 /NDF: 7941.5/27

All: 265.406 $\pm$ 0.964 χ^2 /NDF: 13591.6/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 48.587 $\pm$ 1.346 χ^2 /NDF: 267.4/8

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 48.092 $\pm$ 1.557 χ^2 /NDF: 211.0/6

Left: 48.375 $\pm$ 1.018 χ^2 /NDF: 478.5/15

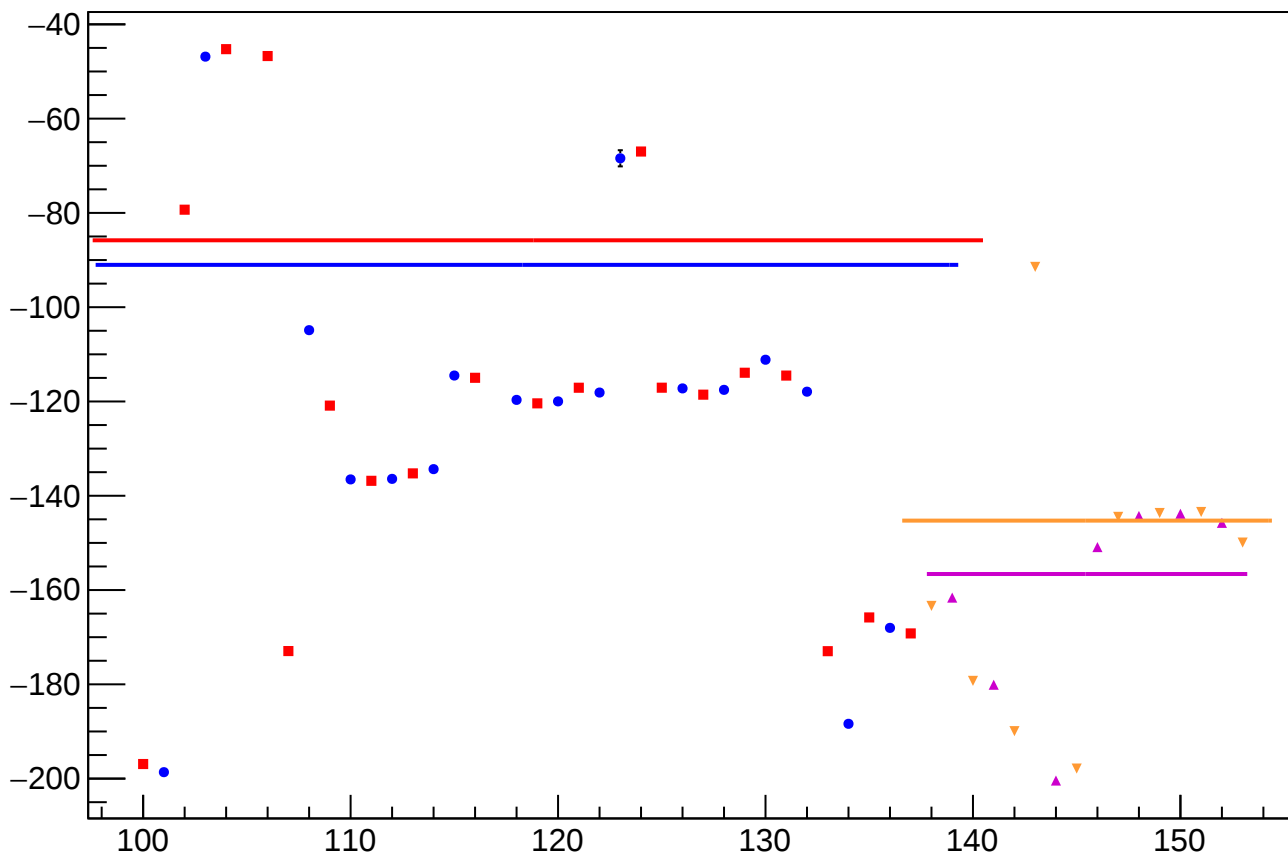
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.319 $\pm$ 1.050 χ^2 /NDF: 851.8/23

Out: 47.070 $\pm$ 0.956 χ^2 /NDF: 796.8/27

All: 48.995 $\pm$ 0.707 χ^2 /NDF: 1657.5/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.272 ± 0.070 $\chi^2/\text{NDF}: 204982.8/8$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -156.599 ± 0.079 $\chi^2/\text{NDF}: 50225.8/6$

Left: -150.320 ± 0.052 $\chi^2/\text{NDF}: 266721.2/15$

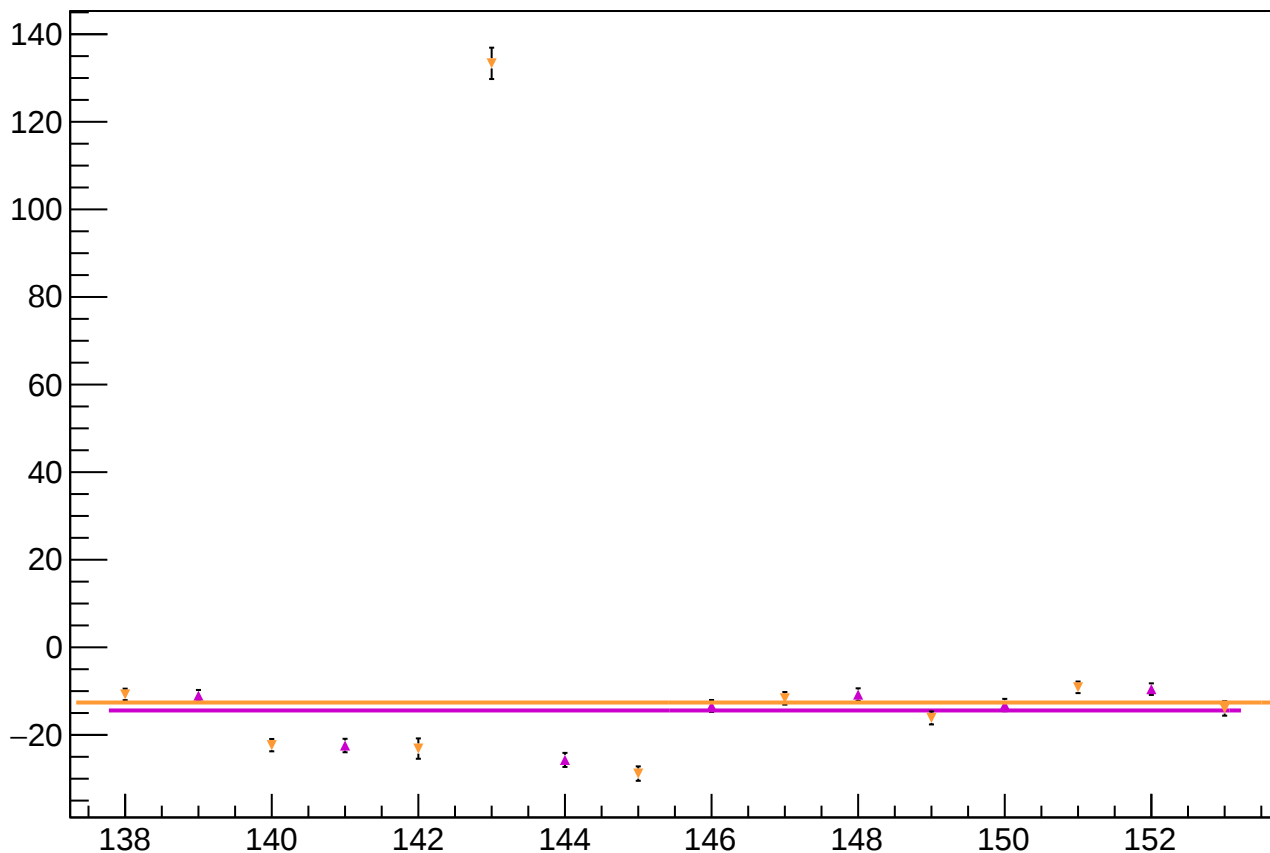
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -118.896 ± 0.051 $\chi^2/\text{NDF}: 984720.6/23$

Out: -113.153 ± 0.048 $\chi^2/\text{NDF}: 1085424.3/27$

All: -115.825 ± 0.035 $\chi^2/\text{NDF}: 2076863.3/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.603+/-0.528 χ^2/NDF :1841.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.419+/-0.534 χ^2/NDF :104.6/6

Left: -13.500+/-0.375 χ^2/NDF : 1951.9/15

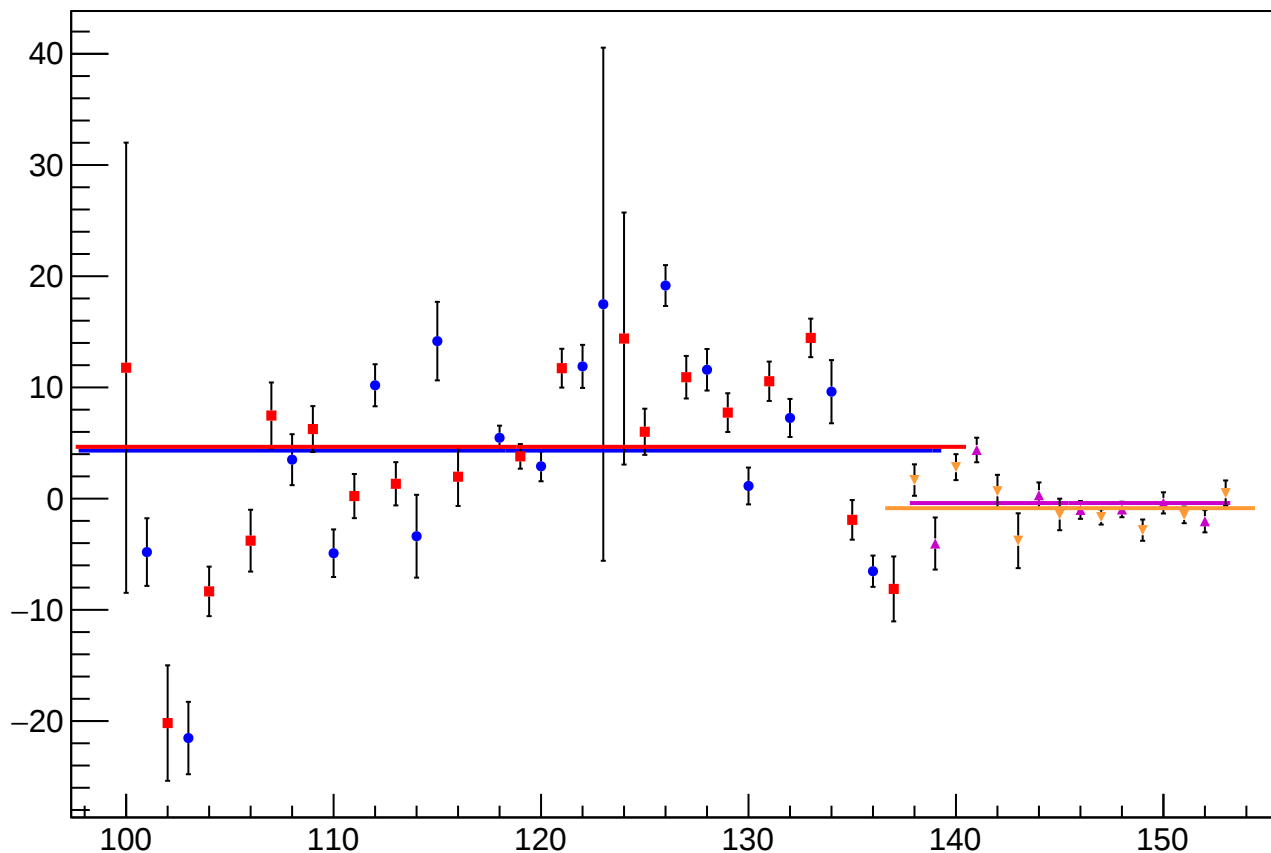
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.419+/-0.534 χ^2/NDF :104.6/6

Out: -12.603+/-0.528 χ^2/NDF :1841.5/8

All: -13.500+/-0.375 χ^2/NDF : 1951.9/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.857 ± 0.350 $\chi^2/\text{NDF}: 23.5/8$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: -0.397 ± 0.366 $\chi^2/\text{NDF}: 25.4/6$

Left: -0.637 ± 0.253 $\chi^2/\text{NDF}: 49.7/15$

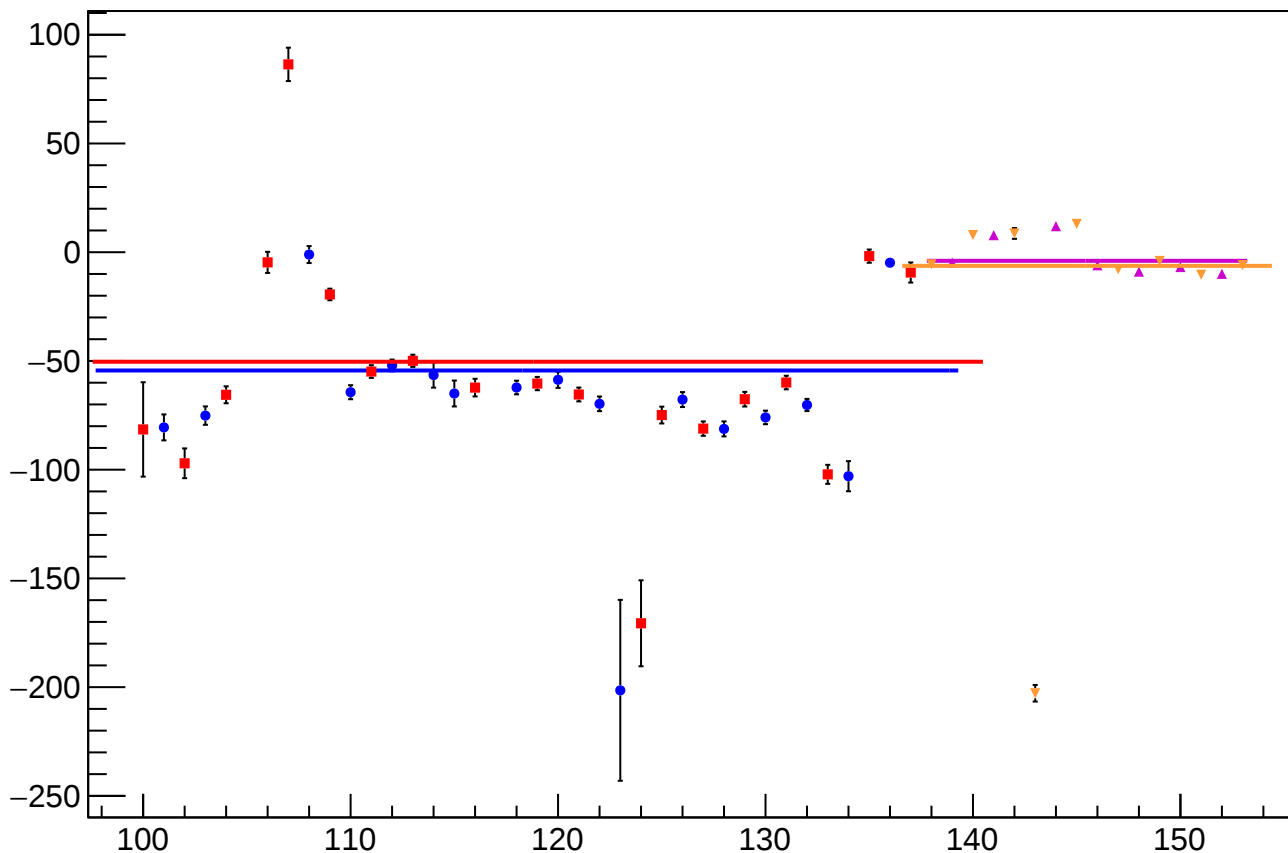
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.404 ± 0.287 $\chi^2/\text{NDF}: 369.3/23$

Out: 1.091 ± 0.282 $\chi^2/\text{NDF}: 295.6/27$

All: 1.244 ± 0.201 $\chi^2/\text{NDF}: 665.5/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -6.268 $\pm$ 0.525 χ^2 /NDF:2913.9/8

Right Out: -50.364 $\pm$ 0.858 χ^2 /NDF: 1321.3/18

Left In: -3.948 $\pm$ 0.530 χ^2 /NDF:181.3/6

Left: -5.120 $\pm$ 0.373 χ^2 /NDF: 3104.9/15

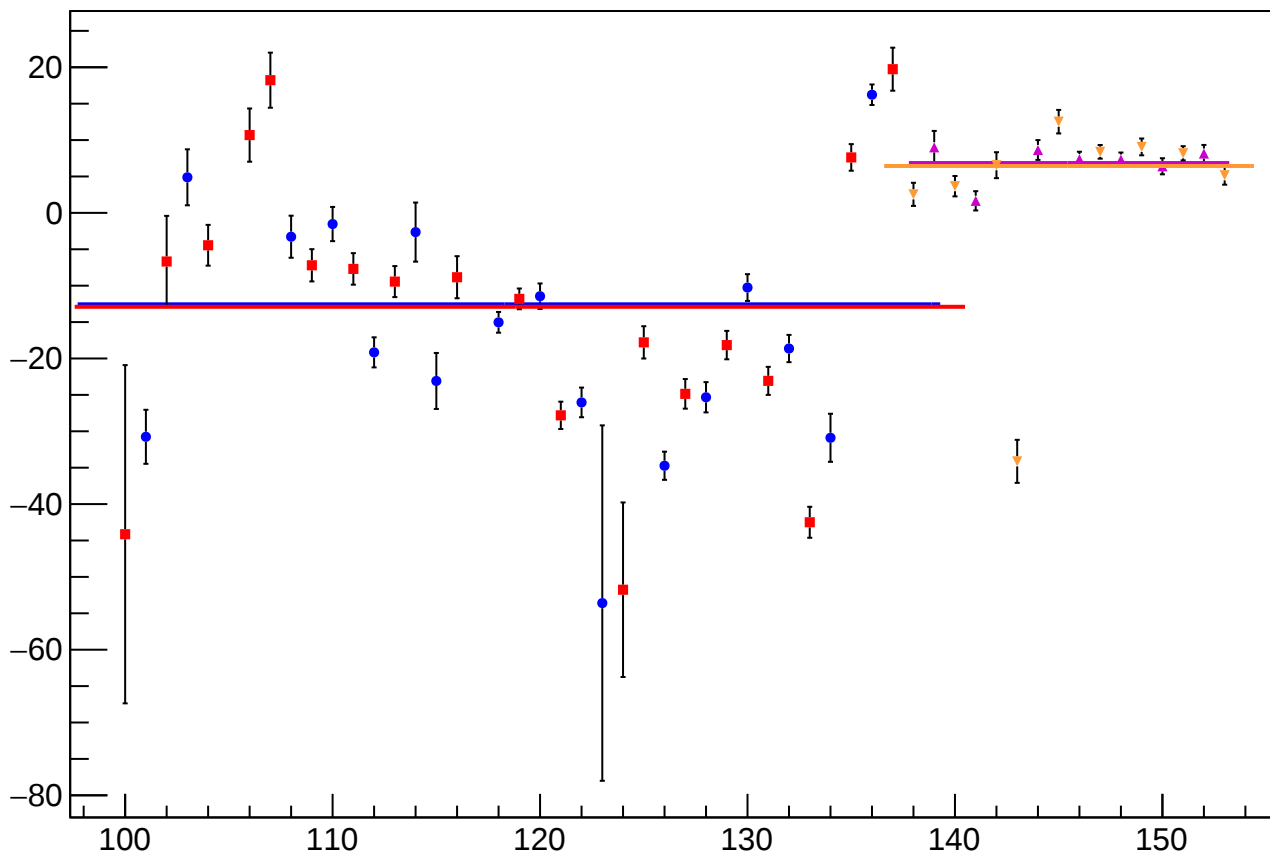
Right: -52.360 $\pm$ 0.609 χ^2 /NDF: 2346.2/35

In: -17.733 $\pm$ 0.452 χ^2 /NDF:3669.2/23

Out: -18.284 $\pm$ 0.448 χ^2 /NDF:6158.5/27

All: -18.011 $\pm$ 0.318 χ^2 /NDF: 9828.4/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.442 ± 0.436 χ^2/NDF : 226.1/8

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

Left: 6.636 ± 0.315 χ^2/NDF : 246.4/15

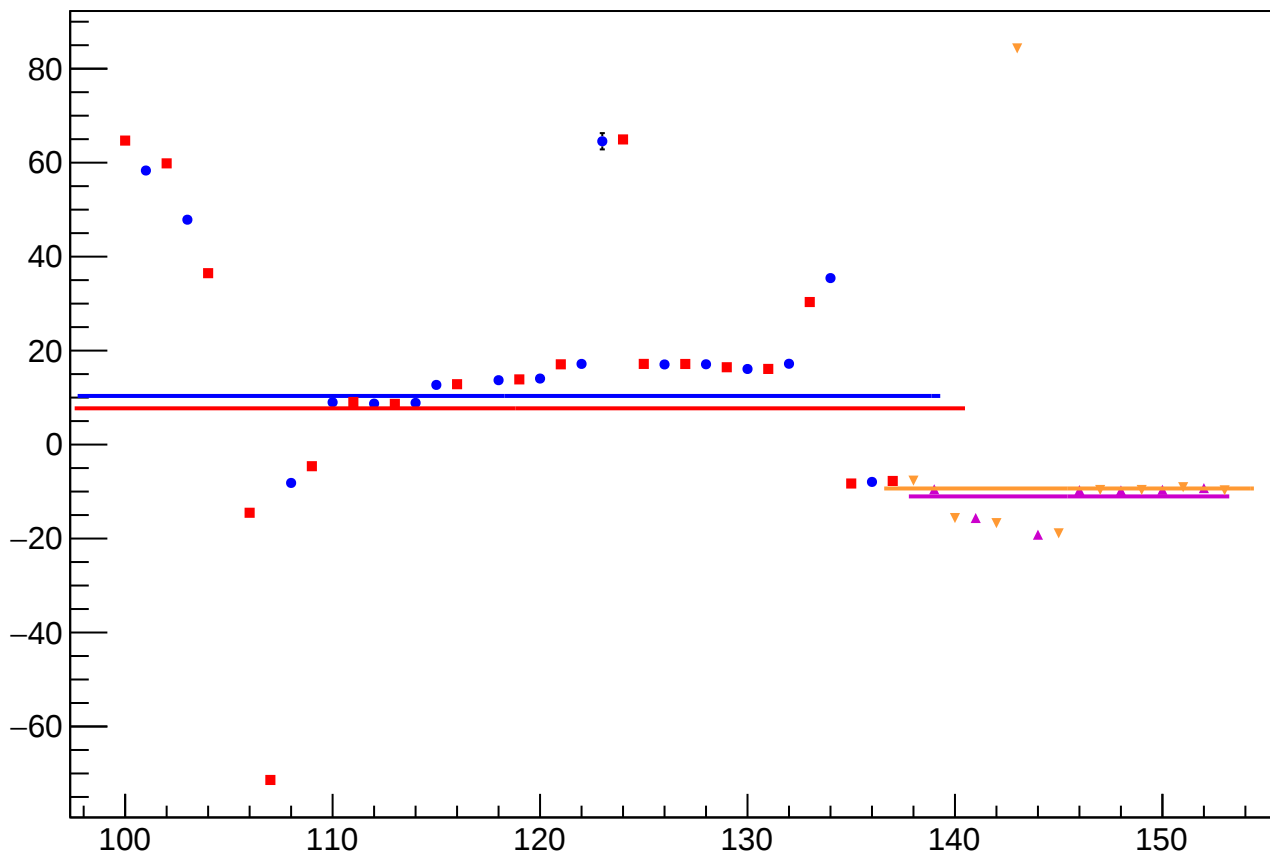
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -1.344 ± 0.345 χ^2/NDF : 1570.1/23

Out: -1.228 ± 0.339 χ^2/NDF : 1733.9/27

All: -1.285 ± 0.242 χ^2/NDF : 3304.0/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -9.345 ± 0.022 $\chi^2/\text{NDF}: 407117.3/8$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -11.033 ± 0.022 $\chi^2/\text{NDF}: 20360.3/6$

Left: -10.184 ± 0.015 $\chi^2/\text{NDF}: 430478.9/15$

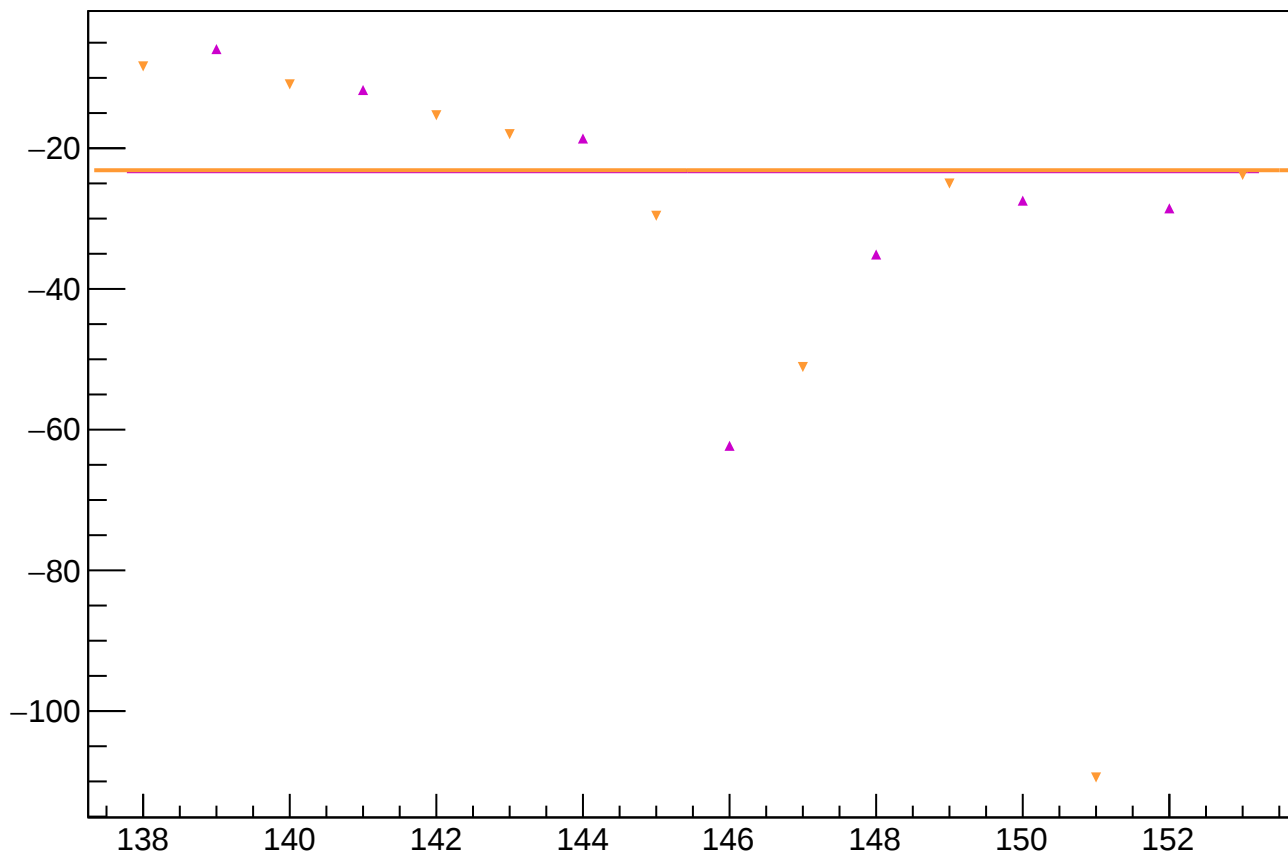
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: -3.805 ± 0.018 $\chi^2/\text{NDF}: 724911.5/23$

Out: -3.793 ± 0.018 $\chi^2/\text{NDF}: 1153023.0/27$

All: -3.799 ± 0.013 $\chi^2/\text{NDF}: 1877934.8/51$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Left: -23.196+/-0.065 χ^2/NDF : 77347.0/15

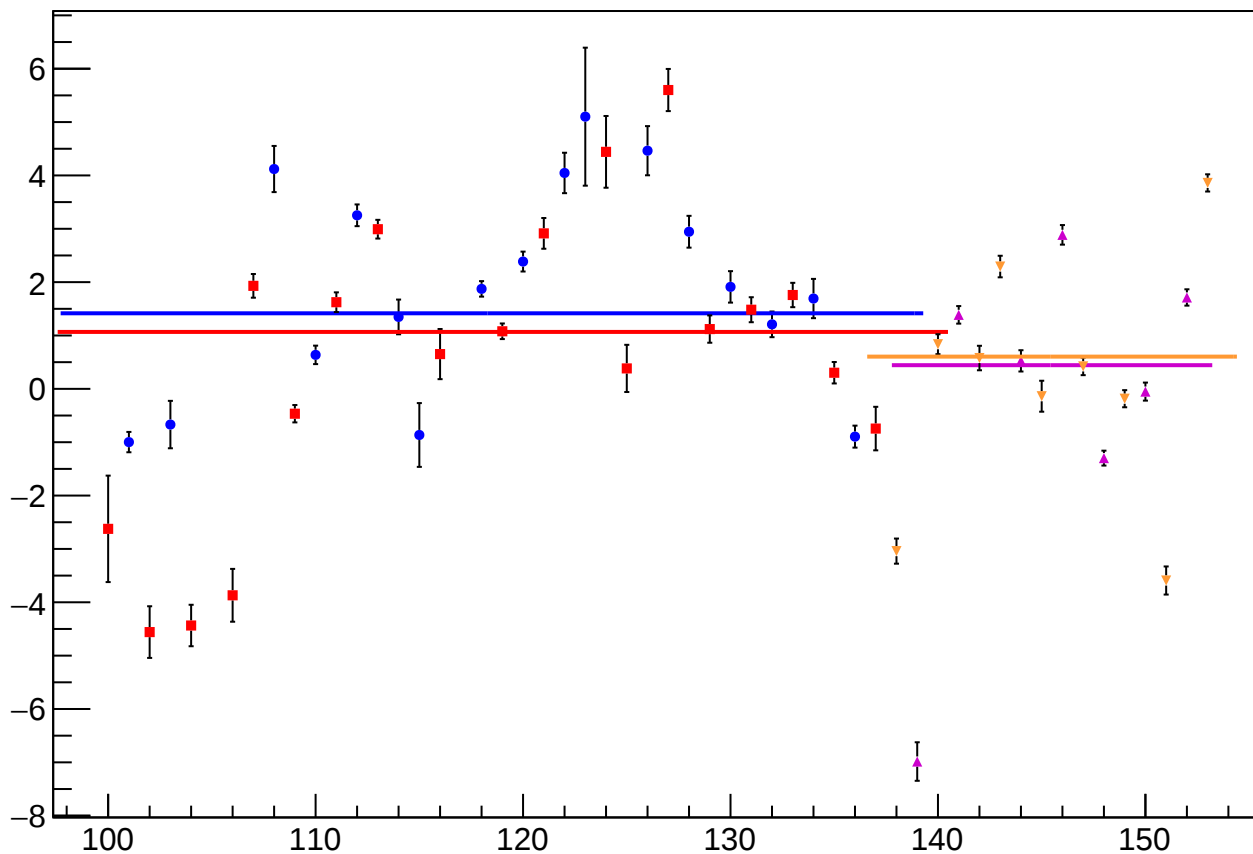
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8

All: -23.196+/-0.065 χ^2/NDF : 77347.0/15

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.604 ± 0.066 χ^2/NDF : 1003.8/8

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.444 ± 0.066 χ^2/NDF : 866.2/6

Left: 0.524 ± 0.047 χ^2/NDF : 1873.0/15

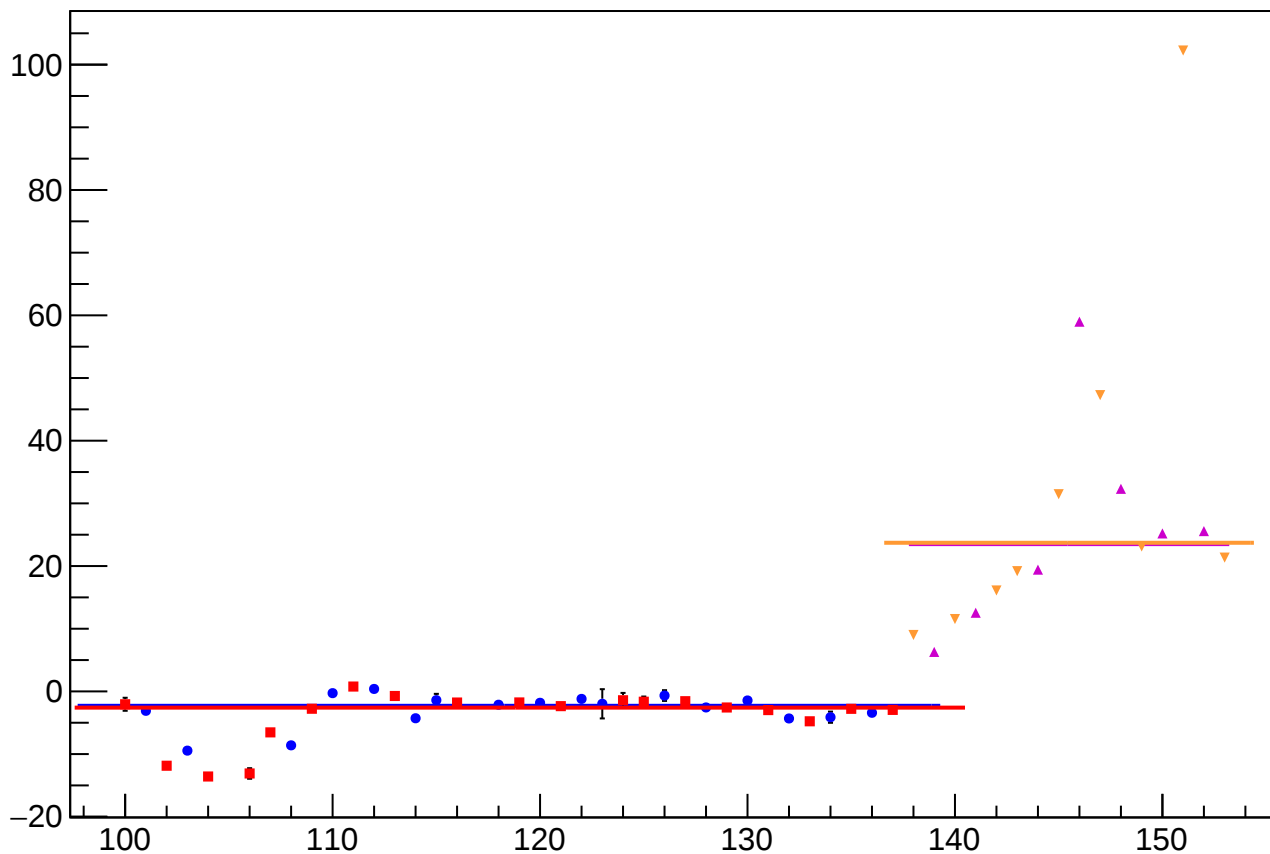
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.968 ± 0.045 χ^2/NDF : 1613.9/23

Out: 0.864 ± 0.044 χ^2/NDF : 1961.5/27

All: 0.915 ± 0.031 χ^2/NDF : 3578.1/51

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.715 ± 0.093 $\chi^2/\text{NDF}: 43595.1/8$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 23.499 ± 0.093 $\chi^2/\text{NDF}: 23833.3/6$

Left: 23.607 ± 0.066 $\chi^2/\text{NDF}: 67431.1/15$

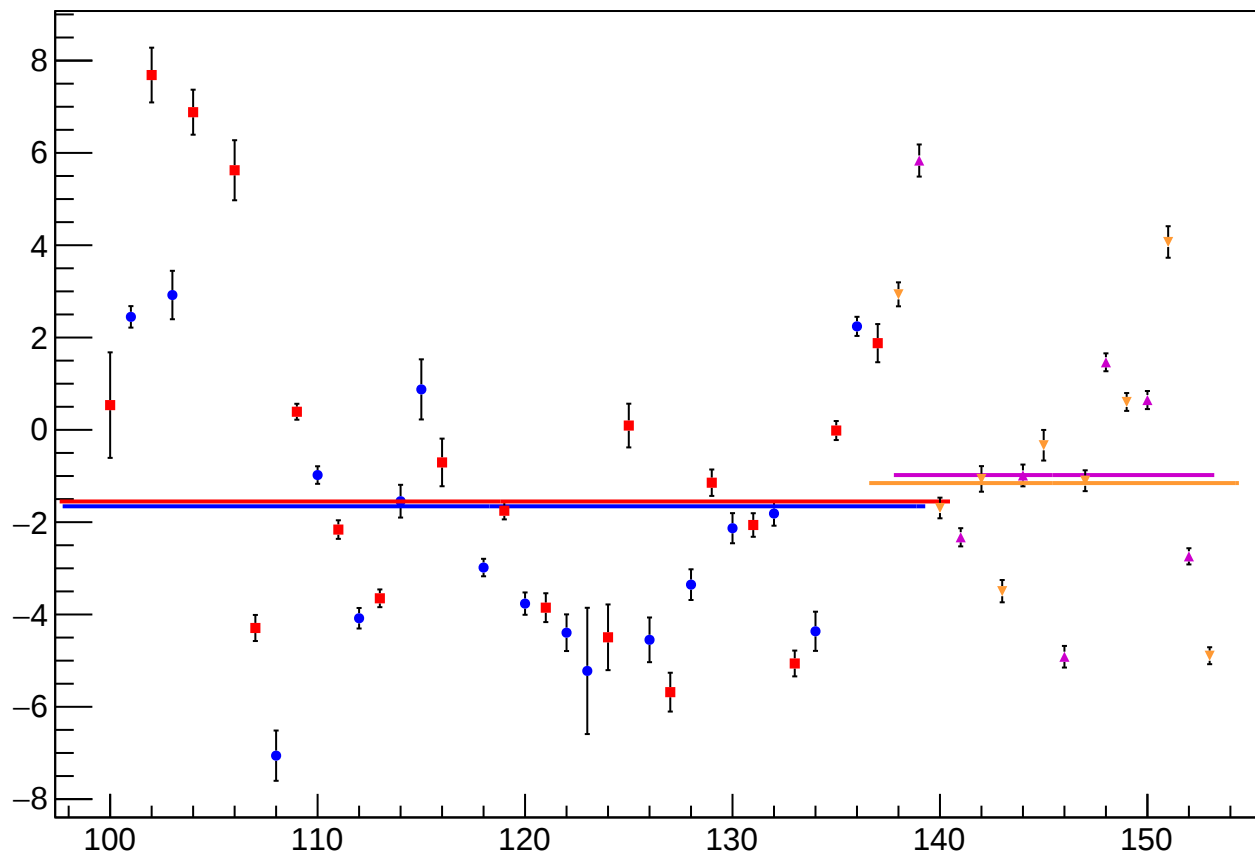
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 12.843 ± 0.071 $\chi^2/\text{NDF}: 56072.3/23$

Out: 11.387 ± 0.068 $\chi^2/\text{NDF}: 82129.8/27$

All: 12.078 ± 0.049 $\chi^2/\text{NDF}: 138421.8/51$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -1.153 ± 0.079 $\chi^2/\text{NDF}: 1085.4/8$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -0.979 ± 0.080 $\chi^2/\text{NDF}: 1041.1/6$

Left: -1.067 ± 0.056 $\chi^2/\text{NDF}: 2128.9/15$

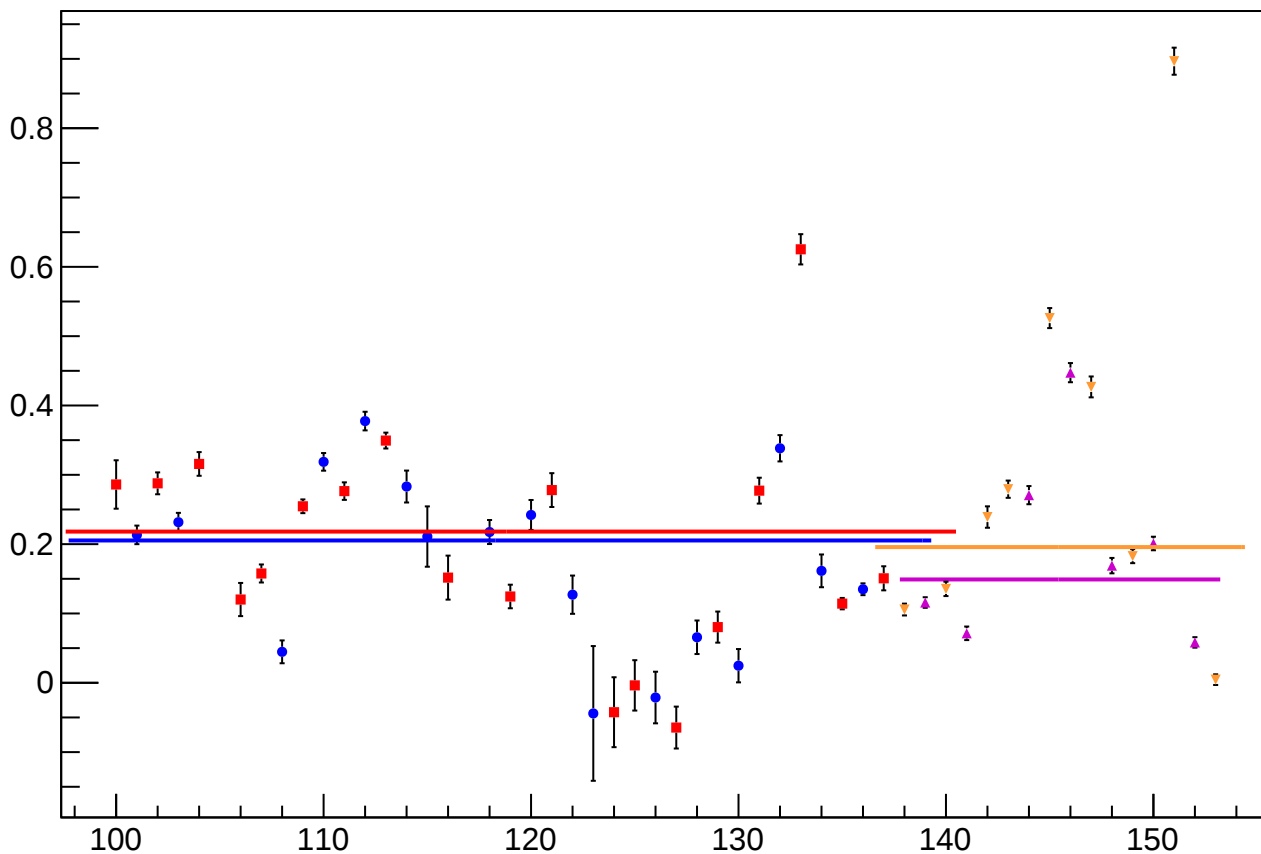
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.362 ± 0.053 $\chi^2/\text{NDF}: 2352.4/23$

Out: -1.390 ± 0.051 $\chi^2/\text{NDF}: 2588.5/27$

All: -1.376 ± 0.037 $\chi^2/\text{NDF}: 4941.0/51$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.196 ± 0.004 χ^2/NDF : 2865.1/8

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.149 ± 0.004 χ^2/NDF : 809.5/6

Left: 0.172 ± 0.003 χ^2/NDF : 3754.7/15

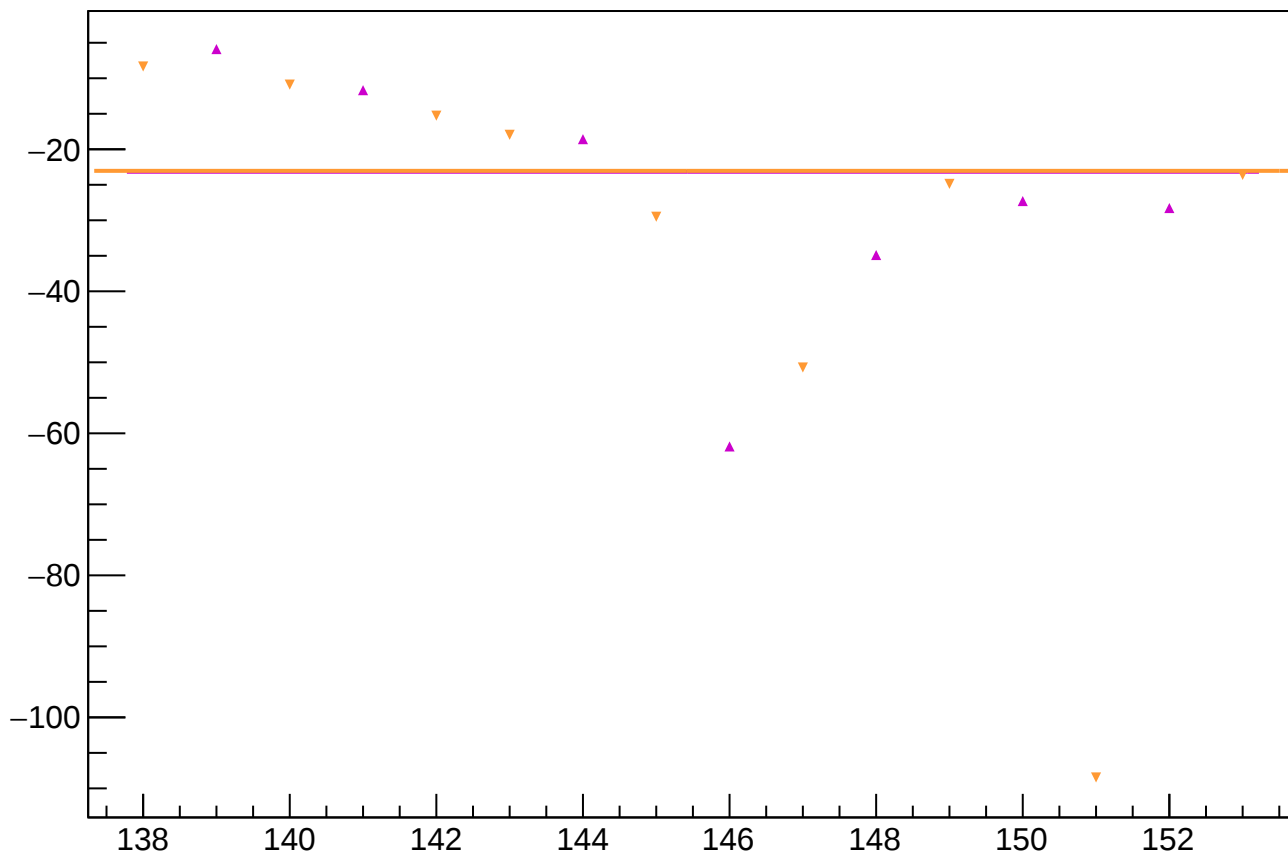
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.174 ± 0.003 χ^2/NDF : 1533.6/23

Out: 0.207 ± 0.003 χ^2/NDF : 3906.6/27

All: 0.191 ± 0.002 χ^2/NDF : 5517.4/51

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Left: -23.099+/-0.065 χ^2/NDF : 77130.8/15

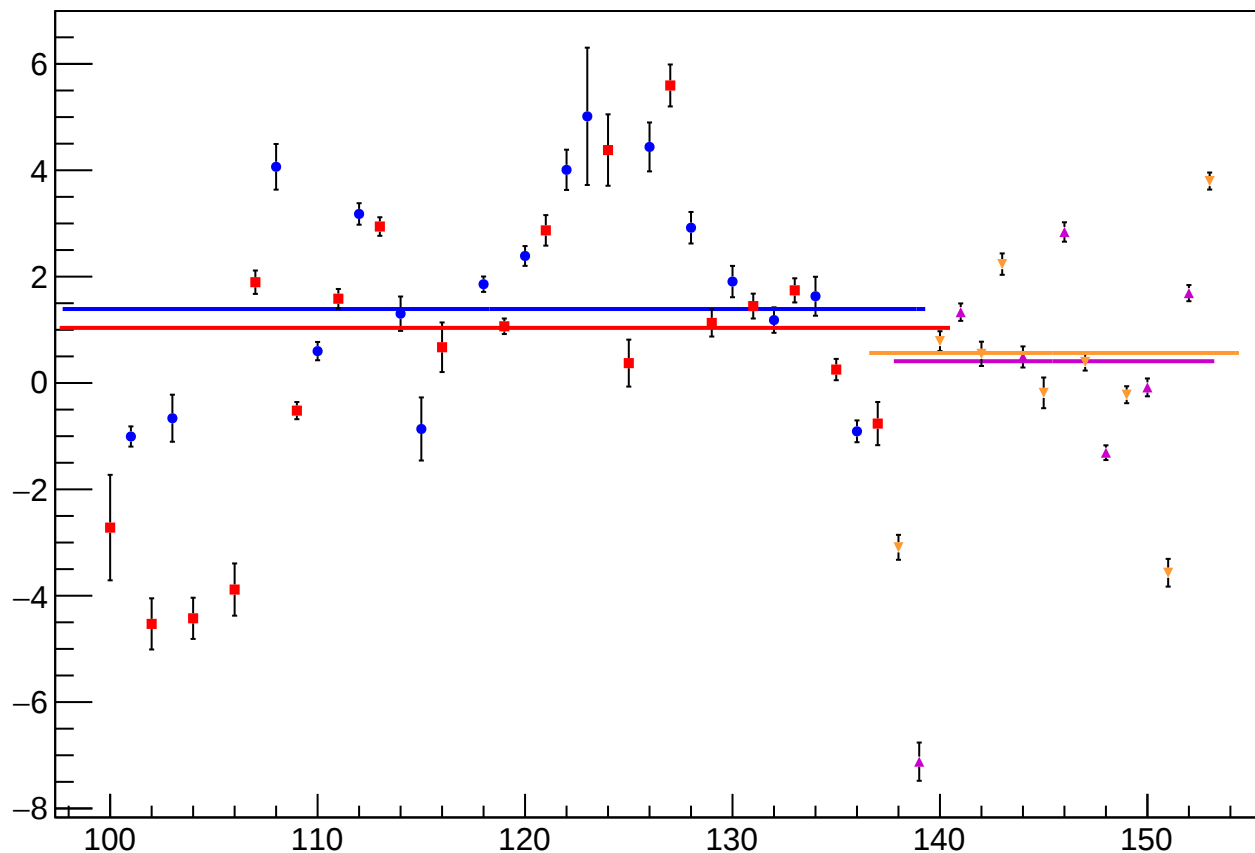
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

All: -23.099+/-0.065 χ^2/NDF : 77130.8/15

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.565 ± 0.065 χ^2/NDF : 1003.6/8

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.410 ± 0.066 χ^2/NDF : 882.2/6

Left: 0.488 ± 0.046 χ^2/NDF : 1888.6/15

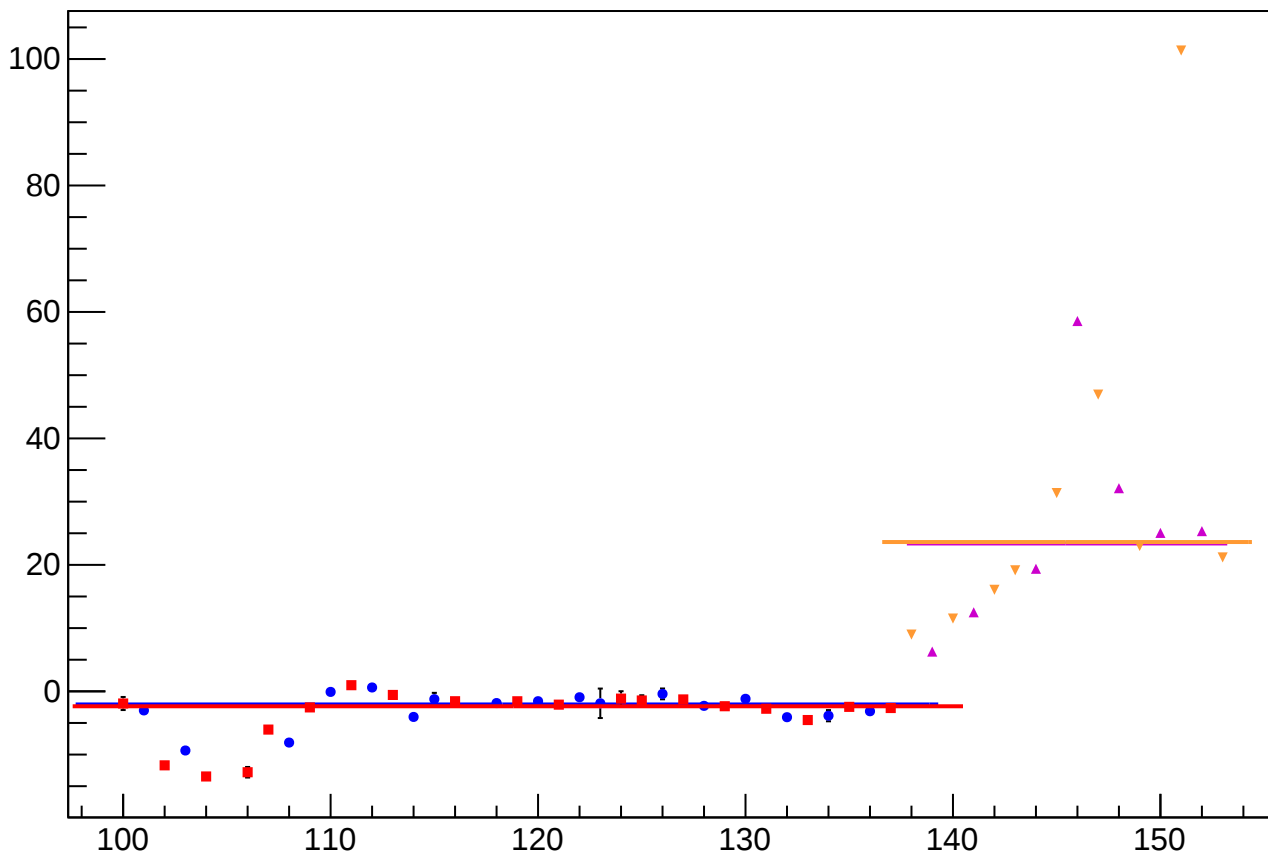
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 0.938 ± 0.045 χ^2/NDF : 1631.3/23

Out: 0.830 ± 0.043 χ^2/NDF : 1966.9/27

All: 0.882 ± 0.031 χ^2/NDF : 3601.2/51

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 23.614 ± 0.092 χ^2/NDF : 43489.1/8

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

Left: 23.500 ± 0.065 χ^2/NDF : 67244.1/15

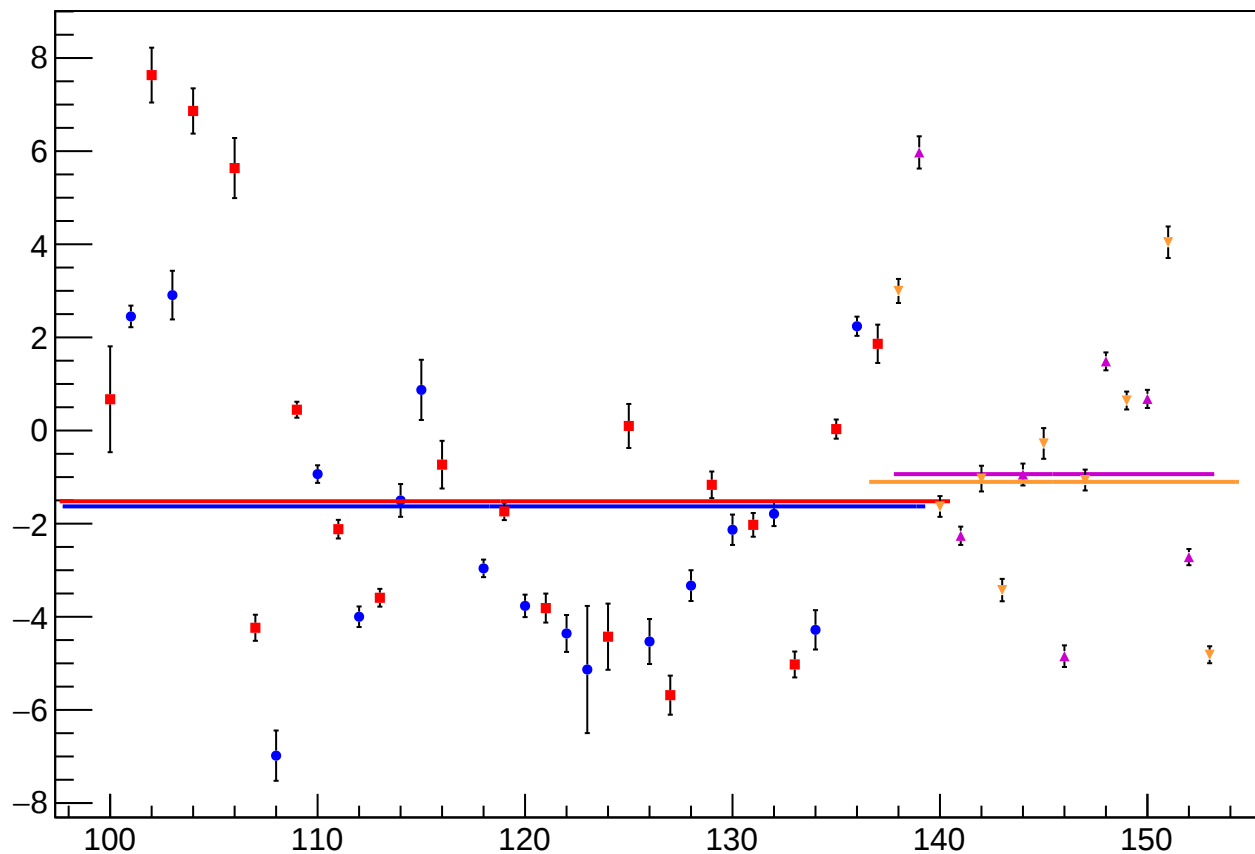
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.886 ± 0.071 χ^2/NDF : 55511.3/23

Out: 11.447 ± 0.067 χ^2/NDF : 81509.6/27

All: 12.130 ± 0.049 χ^2/NDF : 137237.8/51

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.102 ± 0.079 χ^2/NDF : 1085.8/8

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.936 ± 0.080 χ^2/NDF : 1058.5/6

Left: -1.020 ± 0.056 χ^2/NDF : 2146.5/15

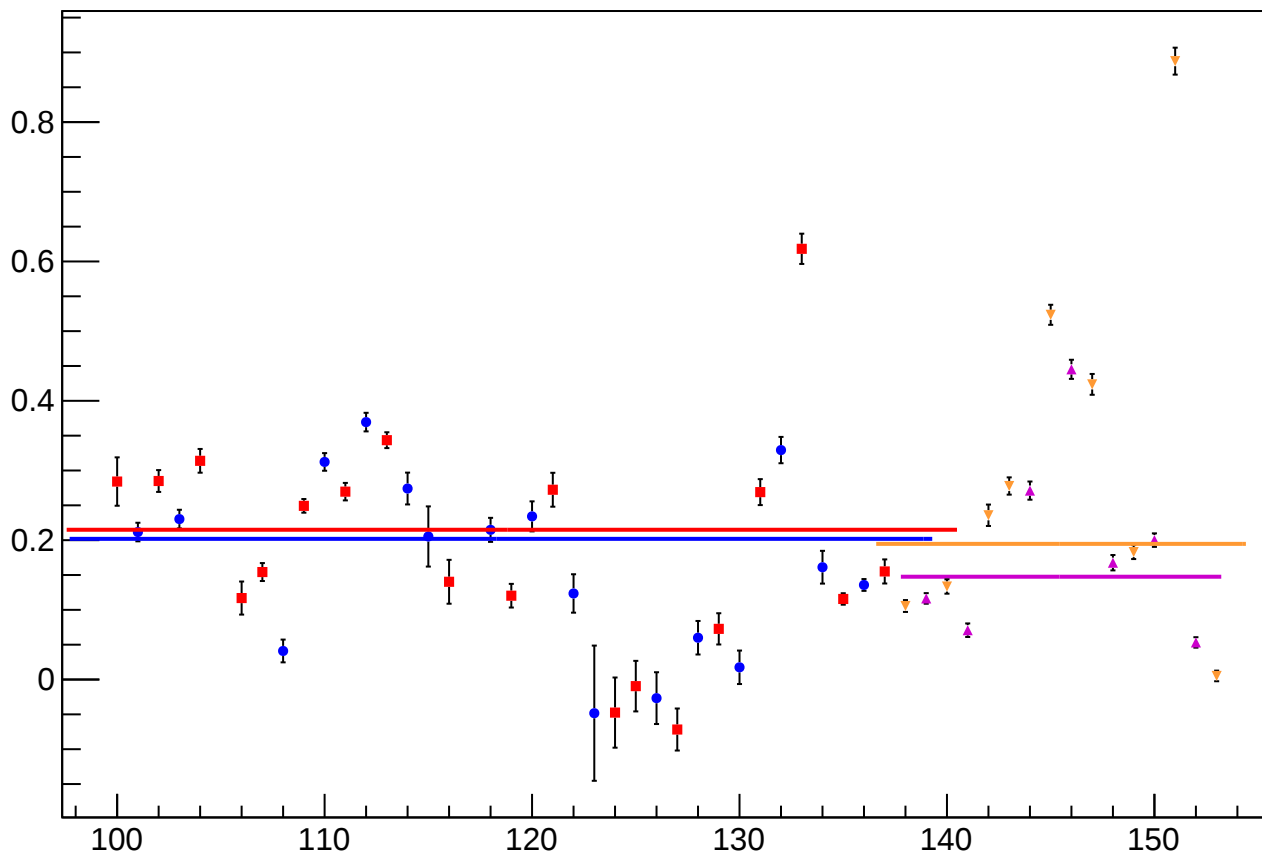
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.327 ± 0.053 χ^2/NDF : 2367.5/23

Out: -1.349 ± 0.050 χ^2/NDF : 2594.3/27

All: -1.339 ± 0.036 χ^2/NDF : 4961.8/51

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.195 ± 0.004 $\chi^2/\text{NDF}: 2855.2/8$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.148 ± 0.004 $\chi^2/\text{NDF}: 830.1/6$

Left: 0.171 ± 0.003 $\chi^2/\text{NDF}: 3767.9/15$

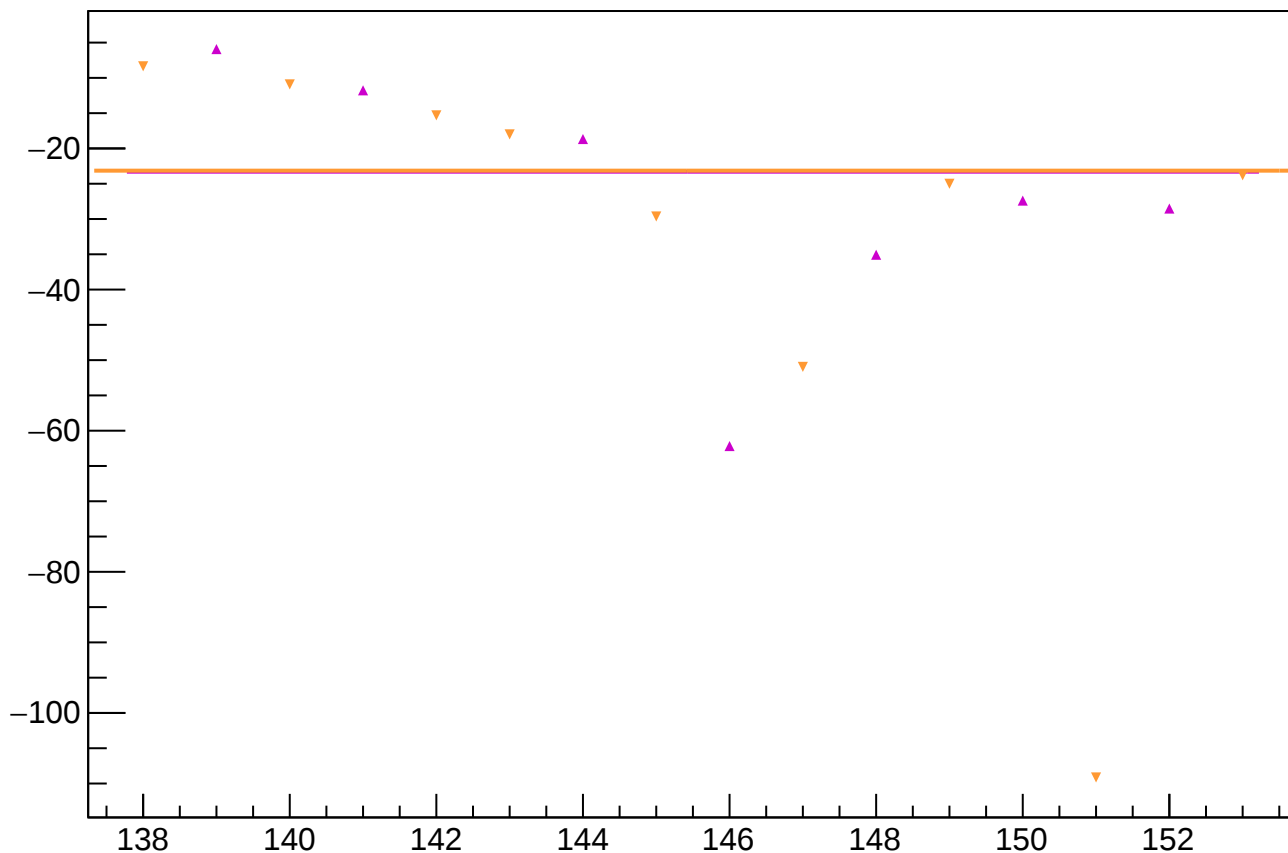
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.171 ± 0.003 $\chi^2/\text{NDF}: 1532.6/23$

Out: 0.205 ± 0.003 $\chi^2/\text{NDF}: 3875.9/27$

All: 0.189 ± 0.002 $\chi^2/\text{NDF}: 5487.7/51$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.148+/-0.092 χ^2/NDF : 48878.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Left: -23.218+/-0.065 χ^2/NDF : 77280.1/15

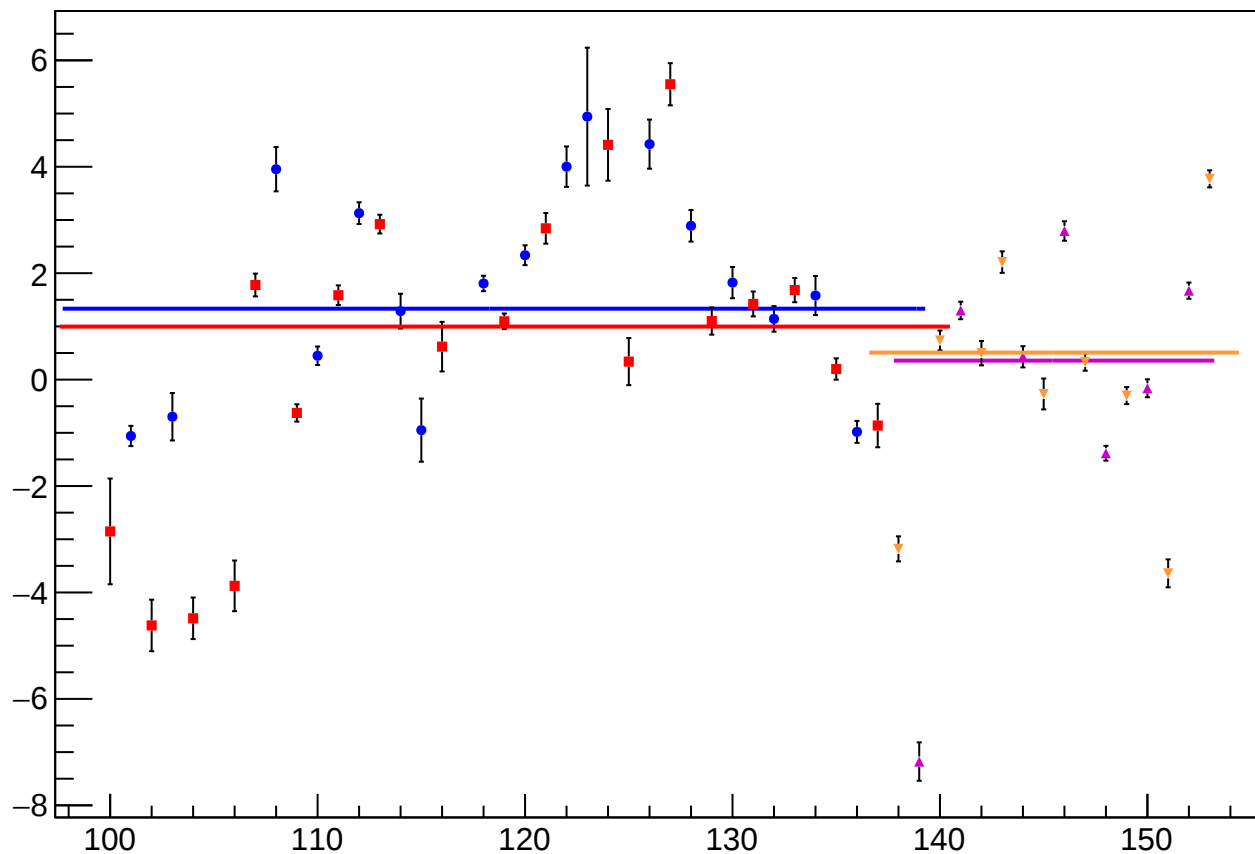
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.148+/-0.092 χ^2/NDF : 48878.4/8

All: -23.218+/-0.065 χ^2/NDF : 77280.1/15

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.508 ± 0.066 χ^2/NDF : 1013.0/8

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.357 ± 0.066 χ^2/NDF : 885.2/6

Left: 0.433 ± 0.047 χ^2/NDF : 1900.8/15

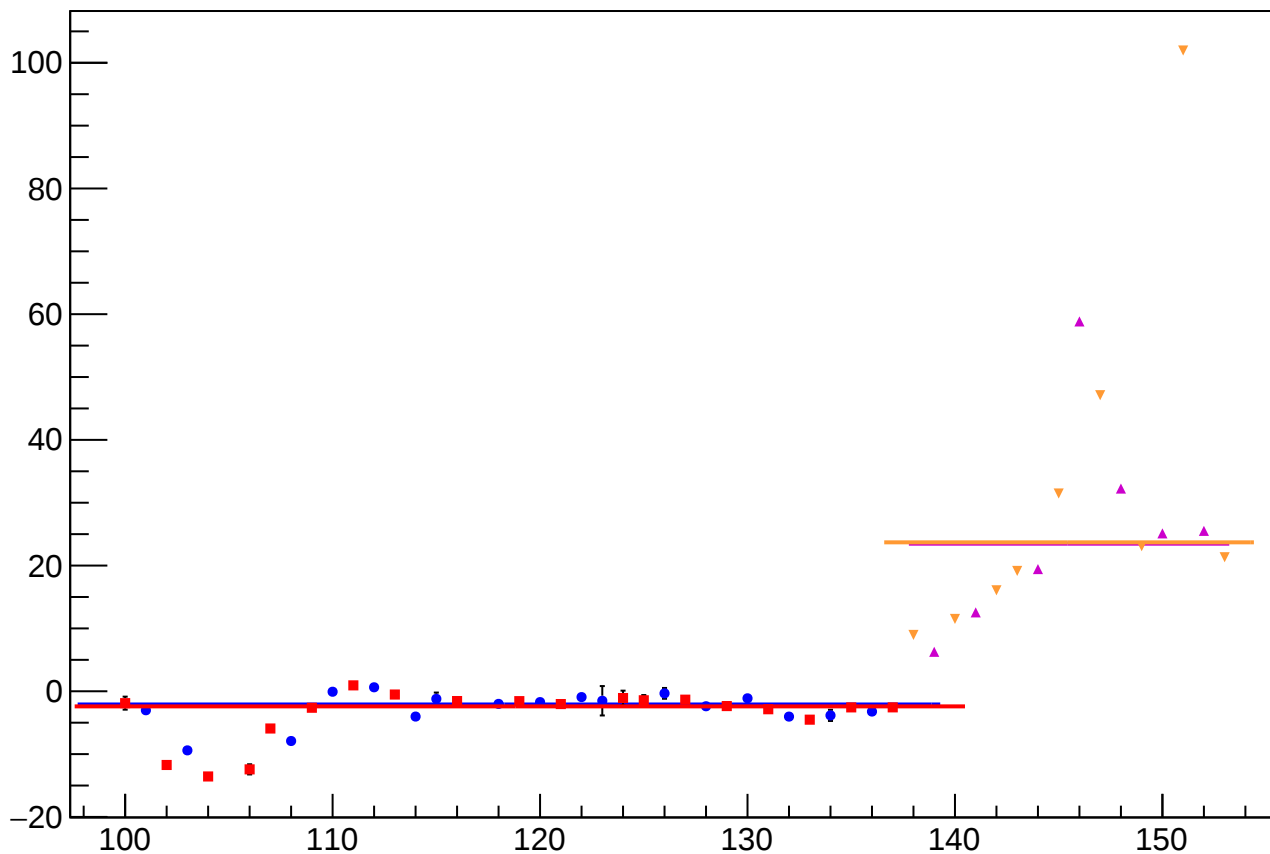
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.882 ± 0.045 χ^2/NDF : 1637.2/23

Out: 0.783 ± 0.043 χ^2/NDF : 1989.5/27

All: 0.831 ± 0.031 χ^2/NDF : 3629.3/51

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.697 ± 0.093 χ^2/NDF : 43580.6/8

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

Left: 23.589 ± 0.066 χ^2/NDF : 67374.2/15

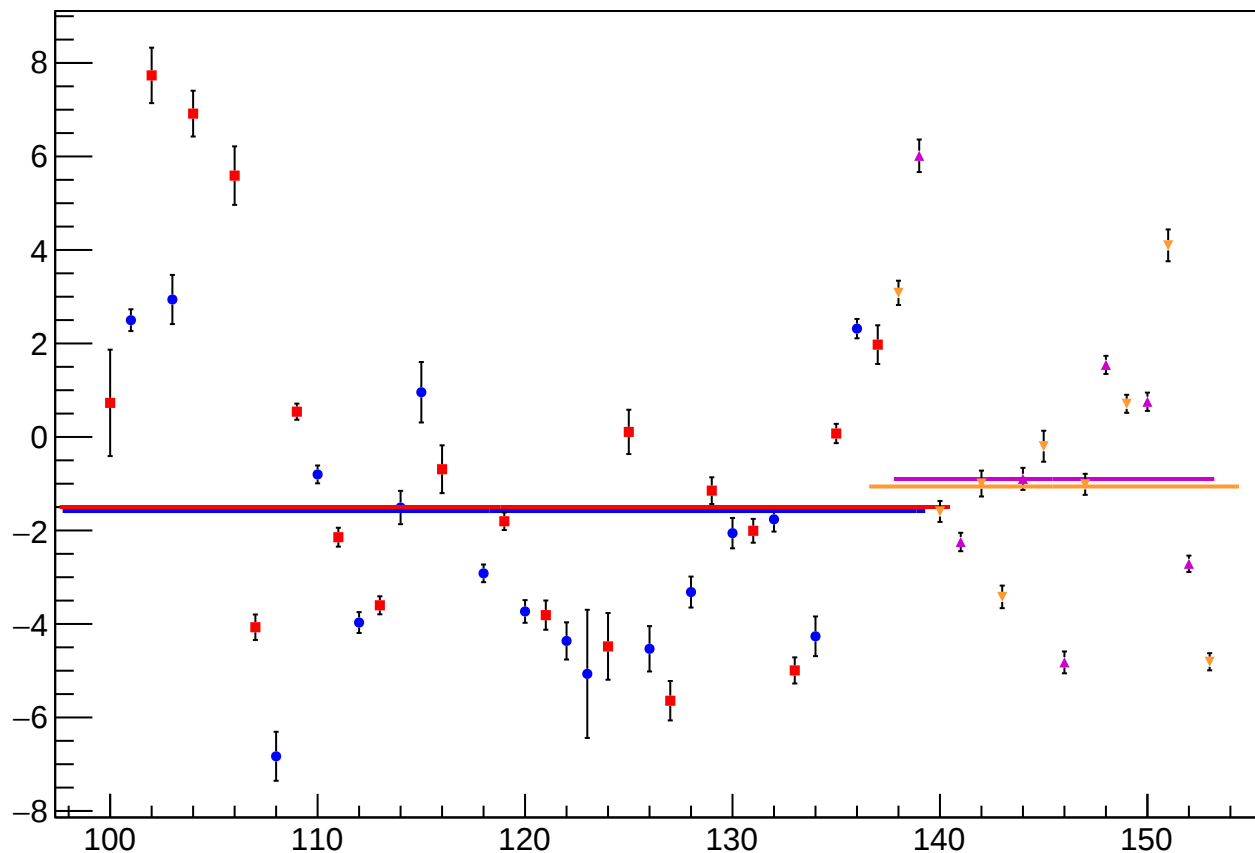
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.939 ± 0.071 χ^2/NDF : 55539.1/23

Out: 11.478 ± 0.068 χ^2/NDF : 81606.4/27

All: 12.171 ± 0.049 χ^2/NDF : 137367.3/51

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.060 ± 0.079 χ^2/NDF : 1095.6/8

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -0.899 ± 0.080 χ^2/NDF : 1062.0/6

Left: -0.980 ± 0.056 χ^2/NDF : 2159.7/15

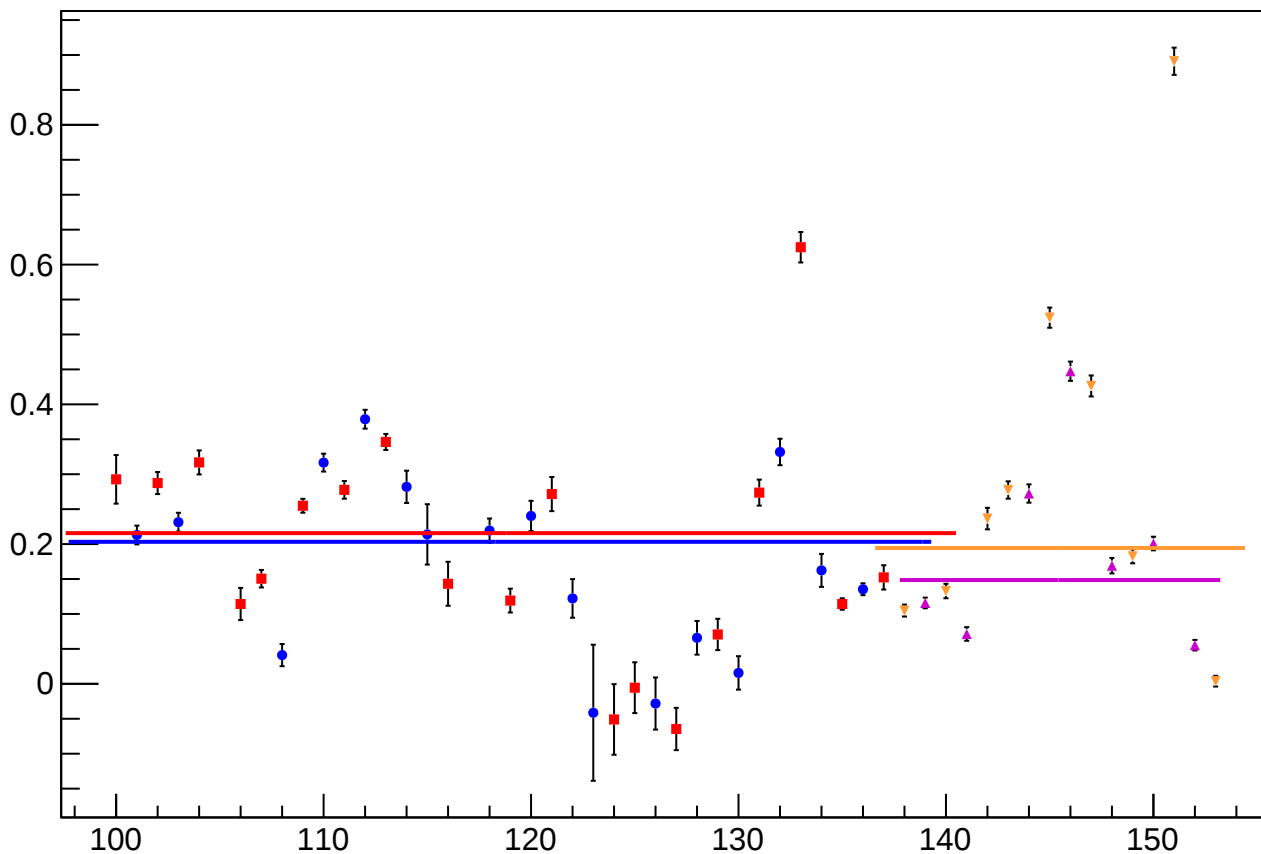
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.285 ± 0.053 χ^2/NDF : 2375.4/23

Out: -1.320 ± 0.050 χ^2/NDF : 2617.5/27

All: -1.303 ± 0.037 χ^2/NDF : 4993.2/51

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.194 $\pm$ 0.004 χ^2 /NDF:2857.8/8

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:825.3/6

Left: 0.171 $\pm$ 0.003 χ^2 /NDF: 3761.0/15

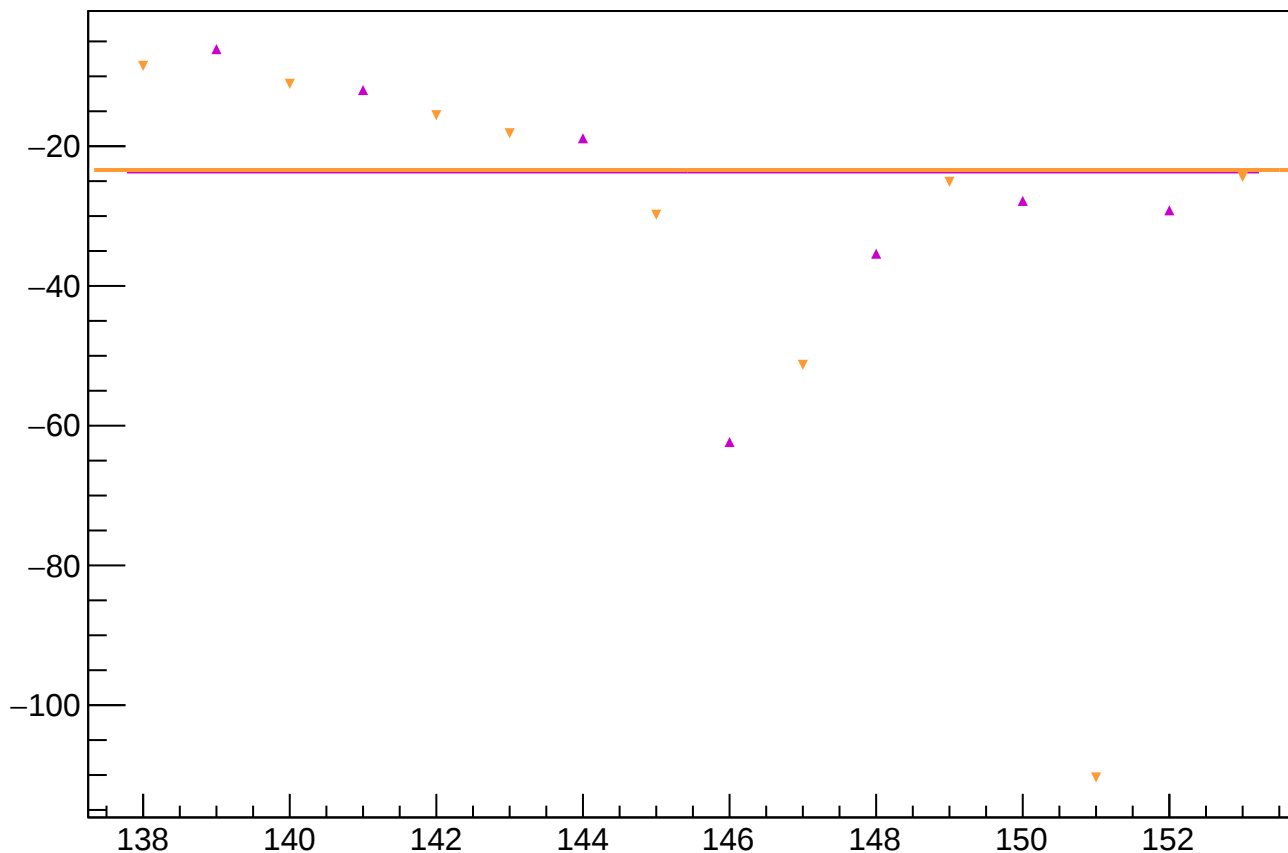
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.173 $\pm$ 0.003 χ^2 /NDF:1556.5/23

Out: 0.205 $\pm$ 0.003 χ^2 /NDF:3912.2/27

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 5543.4/51

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Left: -23.511+/-0.066 χ^2/NDF : 76852.7/15

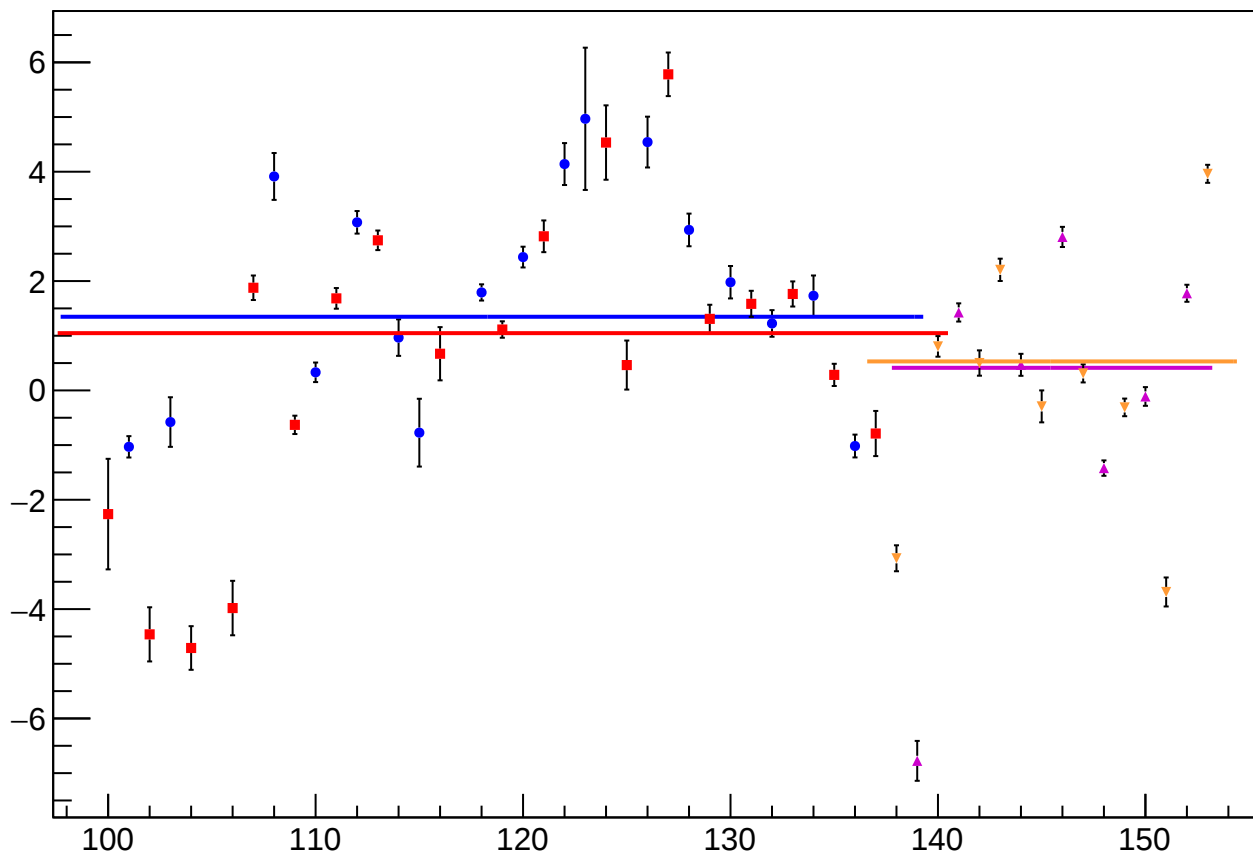
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8

All: -23.511+/-0.066 χ^2/NDF : 76852.7/15

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.530 ± 0.066 χ^2/NDF : 1022.5/8

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.413 ± 0.067 χ^2/NDF : 849.8/6

Left: 0.472 ± 0.047 χ^2/NDF : 1873.9/15

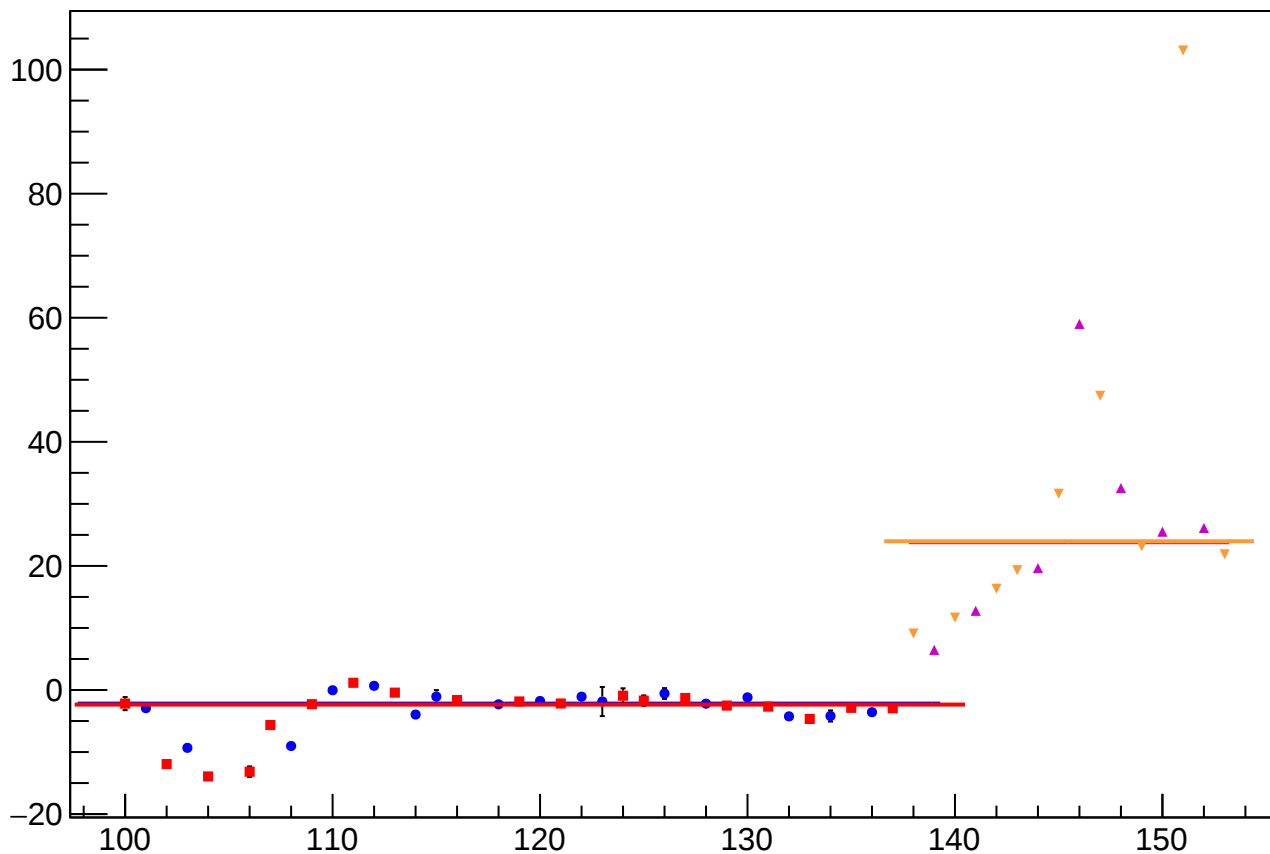
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 0.913 ± 0.046 χ^2/NDF : 1584.4/23

Out: 0.819 ± 0.044 χ^2/NDF : 1972.3/27

All: 0.865 ± 0.032 χ^2/NDF : 3558.9/51

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 23.974 ± 0.094 $\chi^2/\text{NDF}: 43450.4/8$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 23.821 ± 0.094 $\chi^2/\text{NDF}: 23461.4/6$

Left: 23.898 ± 0.066 $\chi^2/\text{NDF}: 66913.2/15$

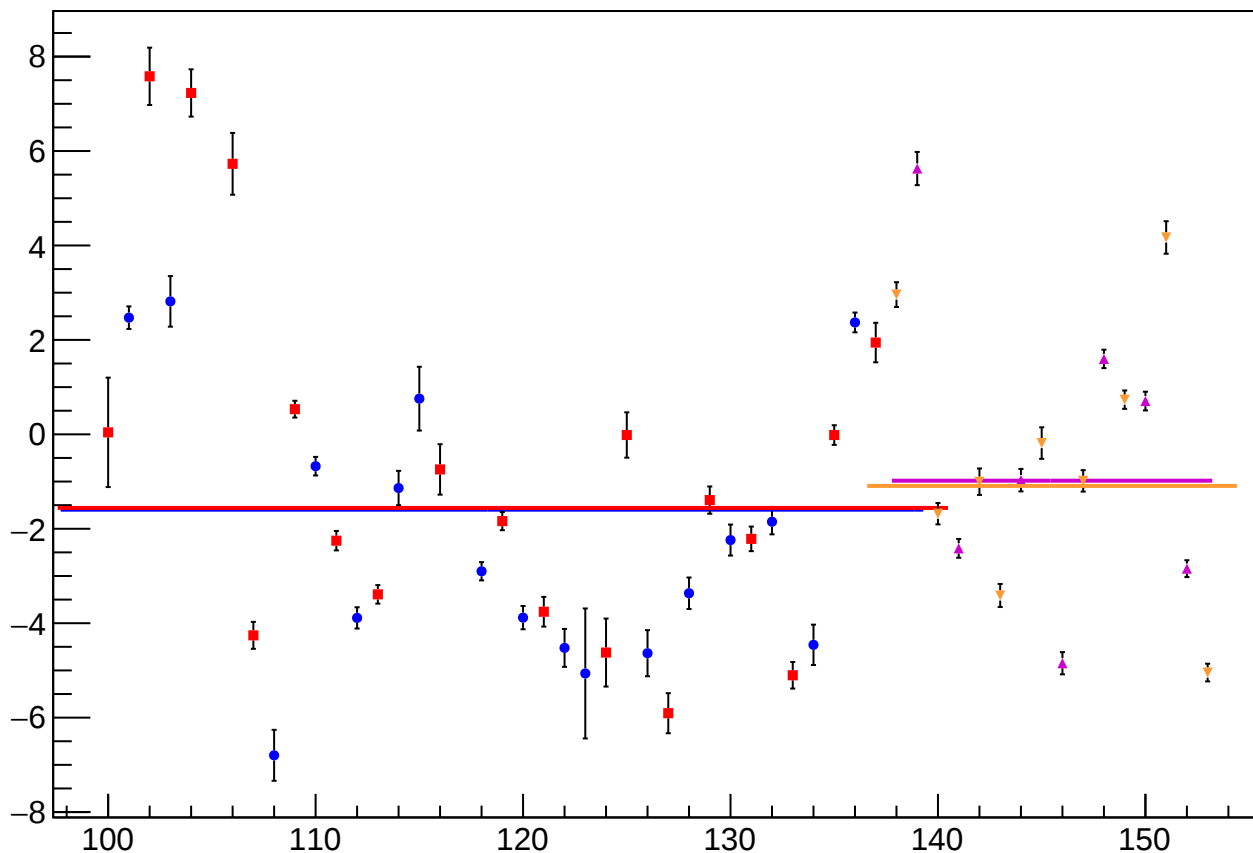
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 13.164 ± 0.072 $\chi^2/\text{NDF}: 55297.9/23$

Out: 11.774 ± 0.069 $\chi^2/\text{NDF}: 80890.8/27$

All: 12.434 ± 0.050 $\chi^2/\text{NDF}: 136383.5/51$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.092 ± 0.080 χ^2/NDF : 1111.1/8

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.982 ± 0.081 χ^2/NDF : 1031.1/6

Left: -1.038 ± 0.057 χ^2/NDF : 2143.2/15

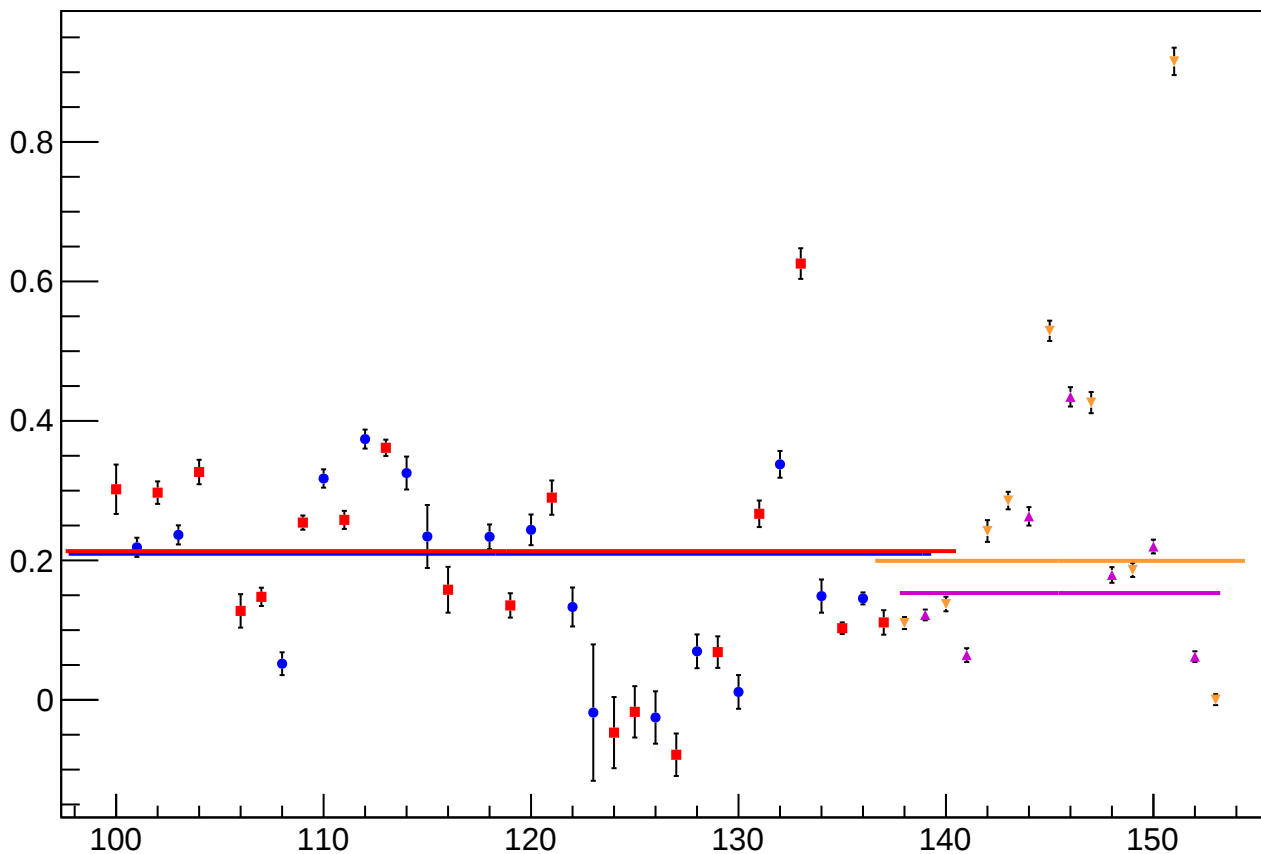
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.326 ± 0.054 χ^2/NDF : 2318.6/23

Out: -1.367 ± 0.051 χ^2/NDF : 2594.8/27

All: -1.348 ± 0.037 χ^2/NDF : 4913.7/51

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.199 $\pm$ 0.004 χ^2 /NDF:2905.3/8

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.153 $\pm$ 0.004 χ^2 /NDF:769.2/6

Left: 0.176 $\pm$ 0.003 χ^2 /NDF: 3751.2/15

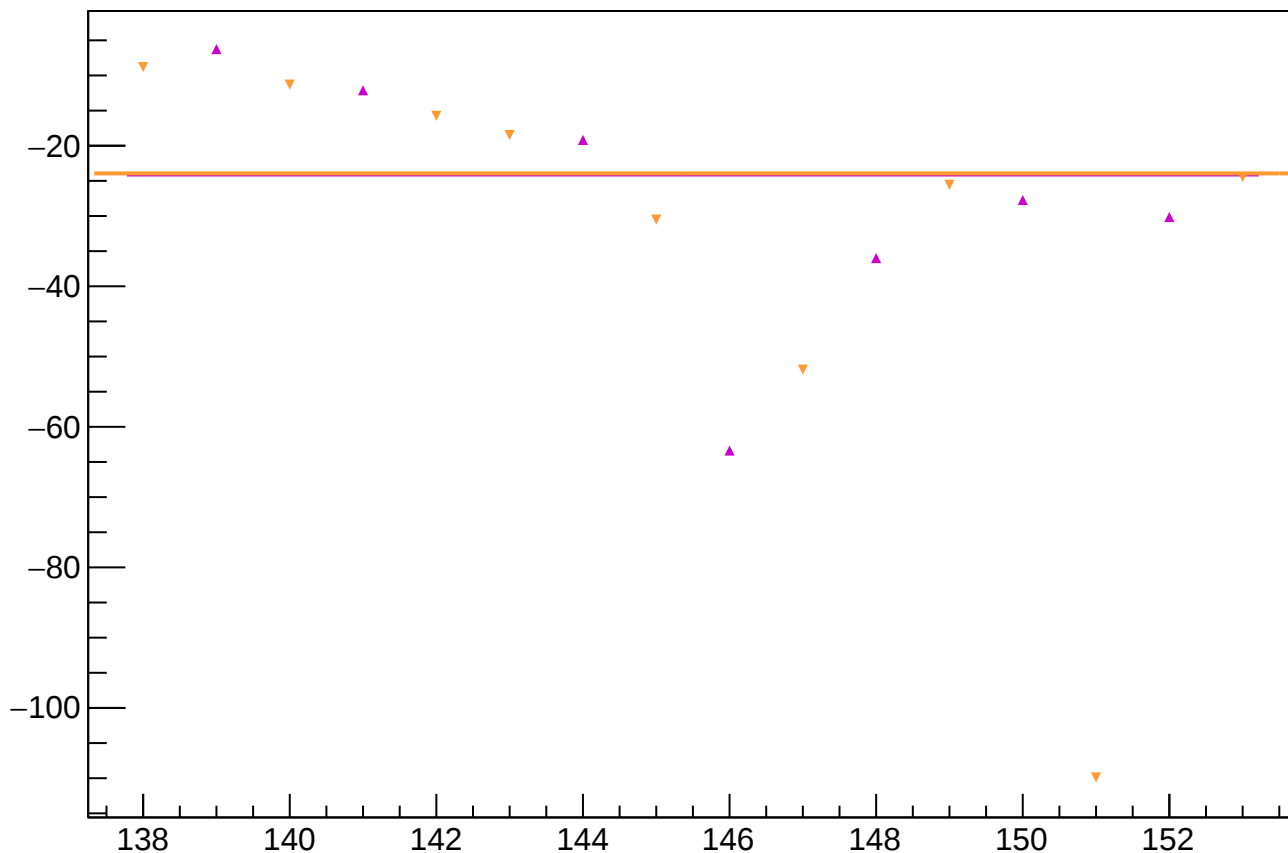
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.178 $\pm$ 0.003 χ^2 /NDF:1468.1/23

Out: 0.206 $\pm$ 0.003 χ^2 /NDF:4015.4/27

All: 0.193 $\pm$ 0.002 χ^2 /NDF: 5538.8/51

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.938+/-0.094 χ^2/NDF : 48069.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Left: -24.012+/-0.067 χ^2/NDF : 76083.5/15

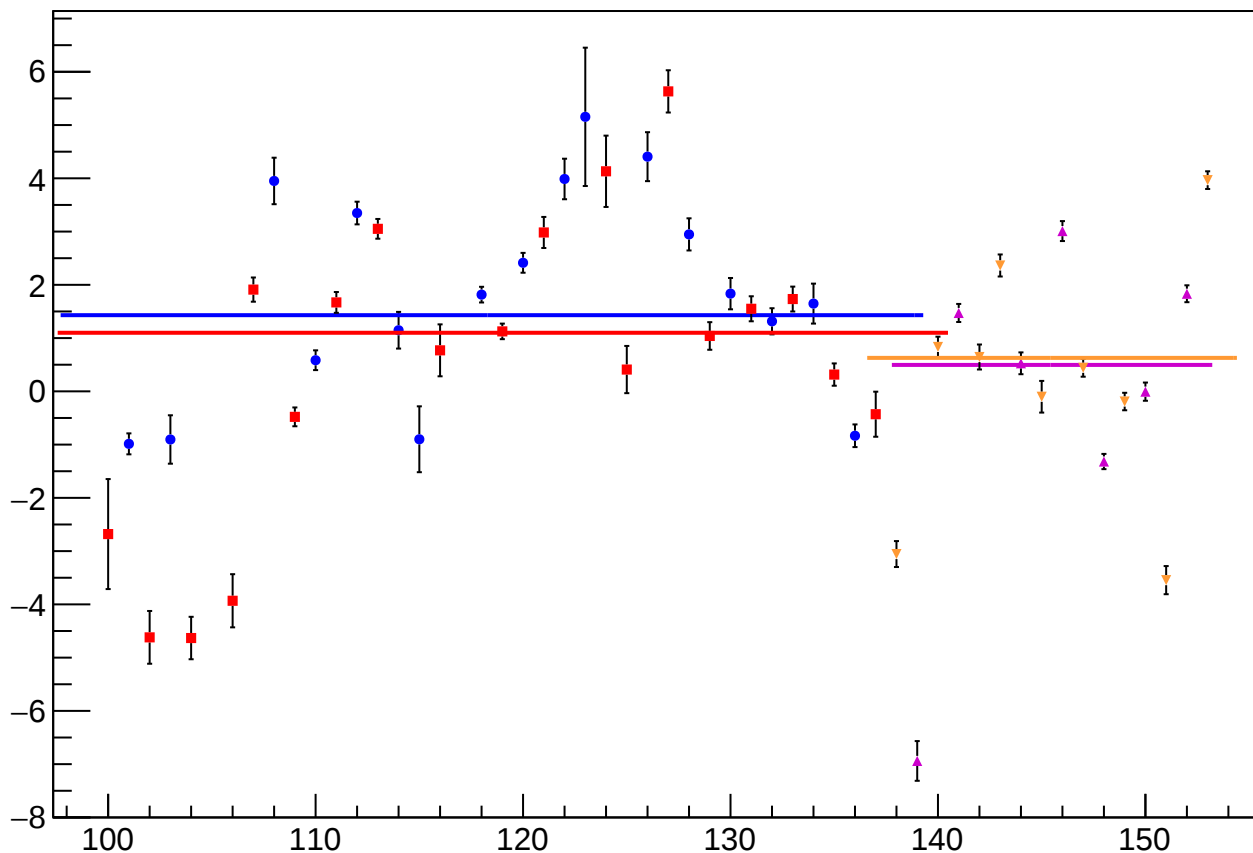
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Out: -23.938+/-0.094 χ^2/NDF : 48069.0/8

All: -24.012+/-0.067 χ^2/NDF : 76083.5/15

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.628 ± 0.067 χ^2/NDF : 985.2/8

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.496 ± 0.068 χ^2/NDF : 850.9/6

Left: 0.563 ± 0.048 χ^2/NDF : 1838.0/15

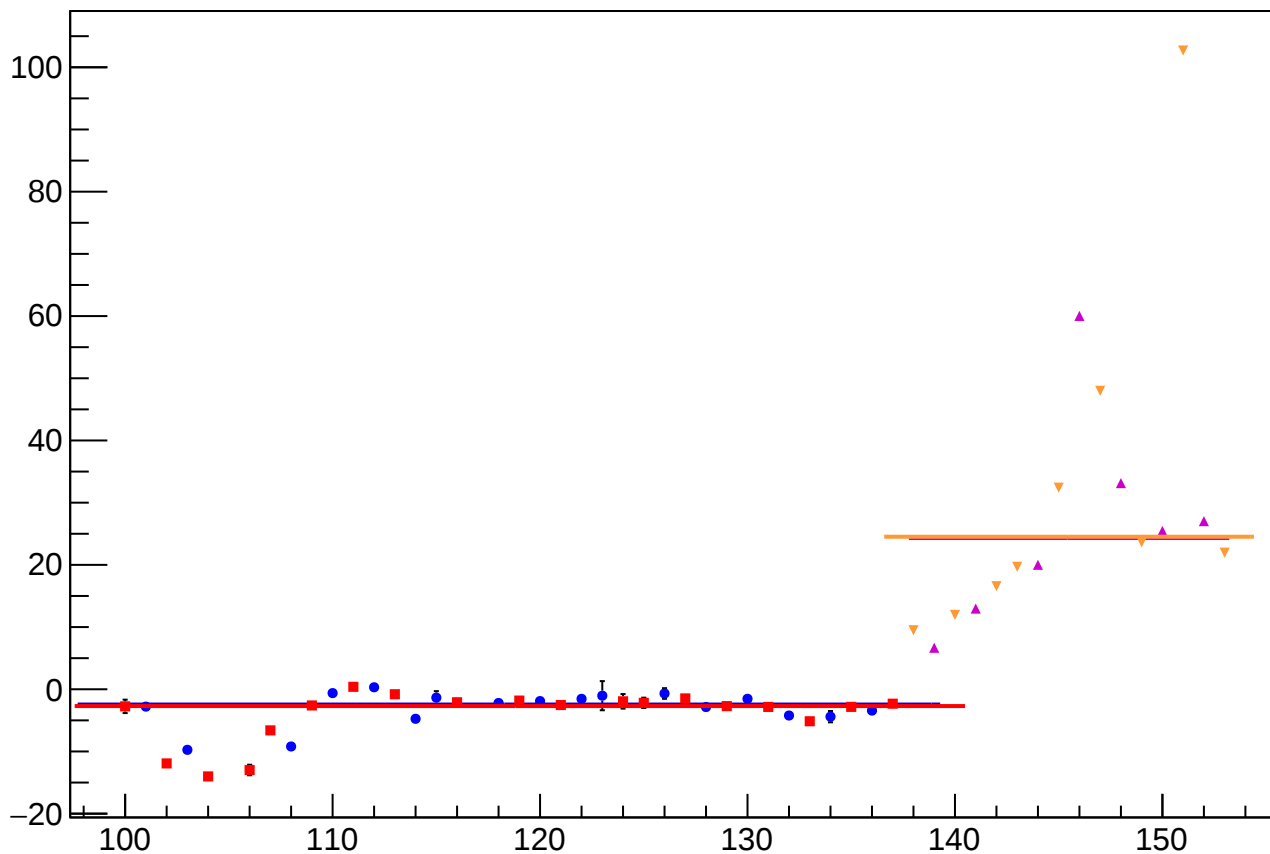
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 0.999 ± 0.046 χ^2/NDF : 1551.0/23

Out: 0.892 ± 0.045 χ^2/NDF : 1913.6/27

All: 0.944 ± 0.032 χ^2/NDF : 3467.3/51

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.528 ± 0.095 χ^2/NDF : 42805.9/8

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

Left: 24.422 ± 0.067 χ^2/NDF : 66191.6/15

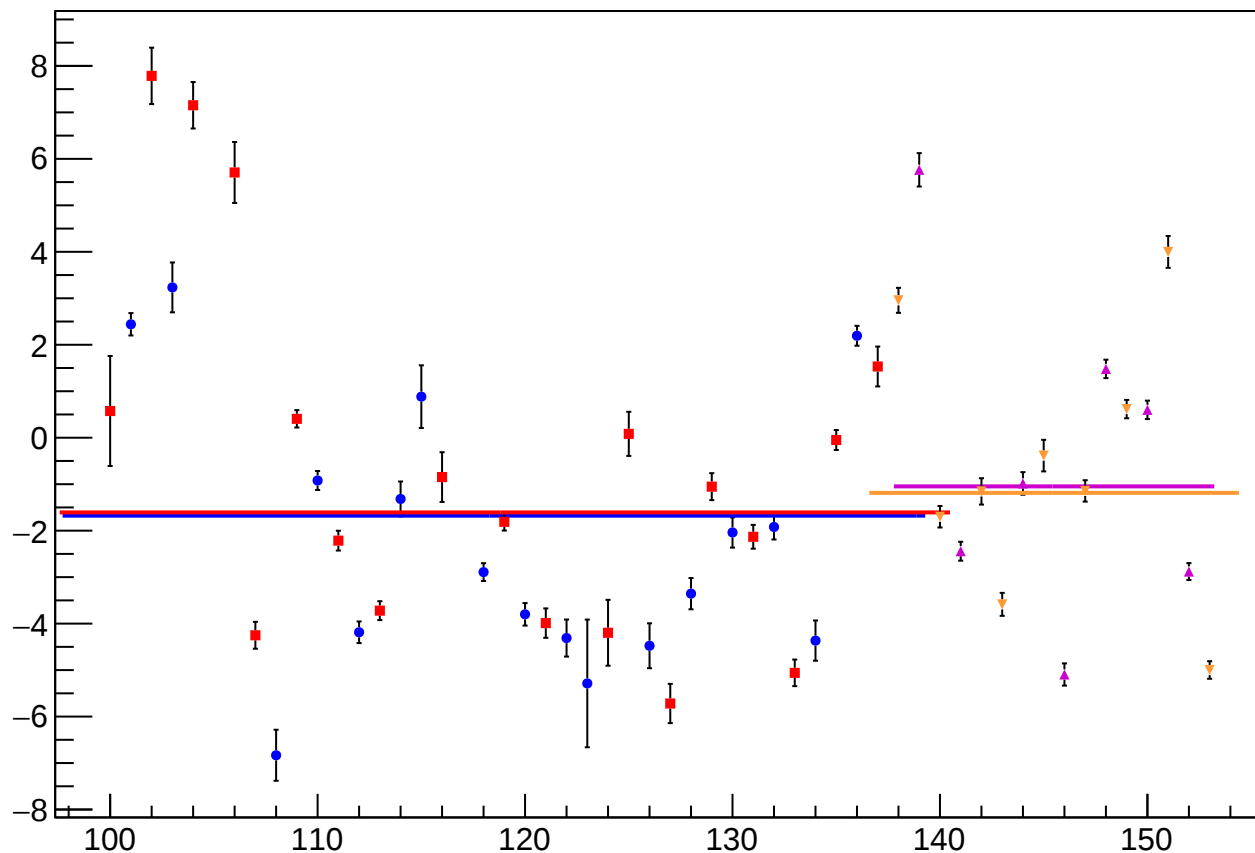
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 13.340 ± 0.073 χ^2/NDF : 56025.1/23

Out: 11.978 ± 0.070 χ^2/NDF : 81244.1/27

All: 12.627 ± 0.051 χ^2/NDF : 137449.5/51

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.187 ± 0.081 χ^2/NDF : 1060.5/8

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.047 ± 0.082 χ^2/NDF : 1025.7/6

Left: -1.118 ± 0.058 χ^2/NDF : 2087.6/15

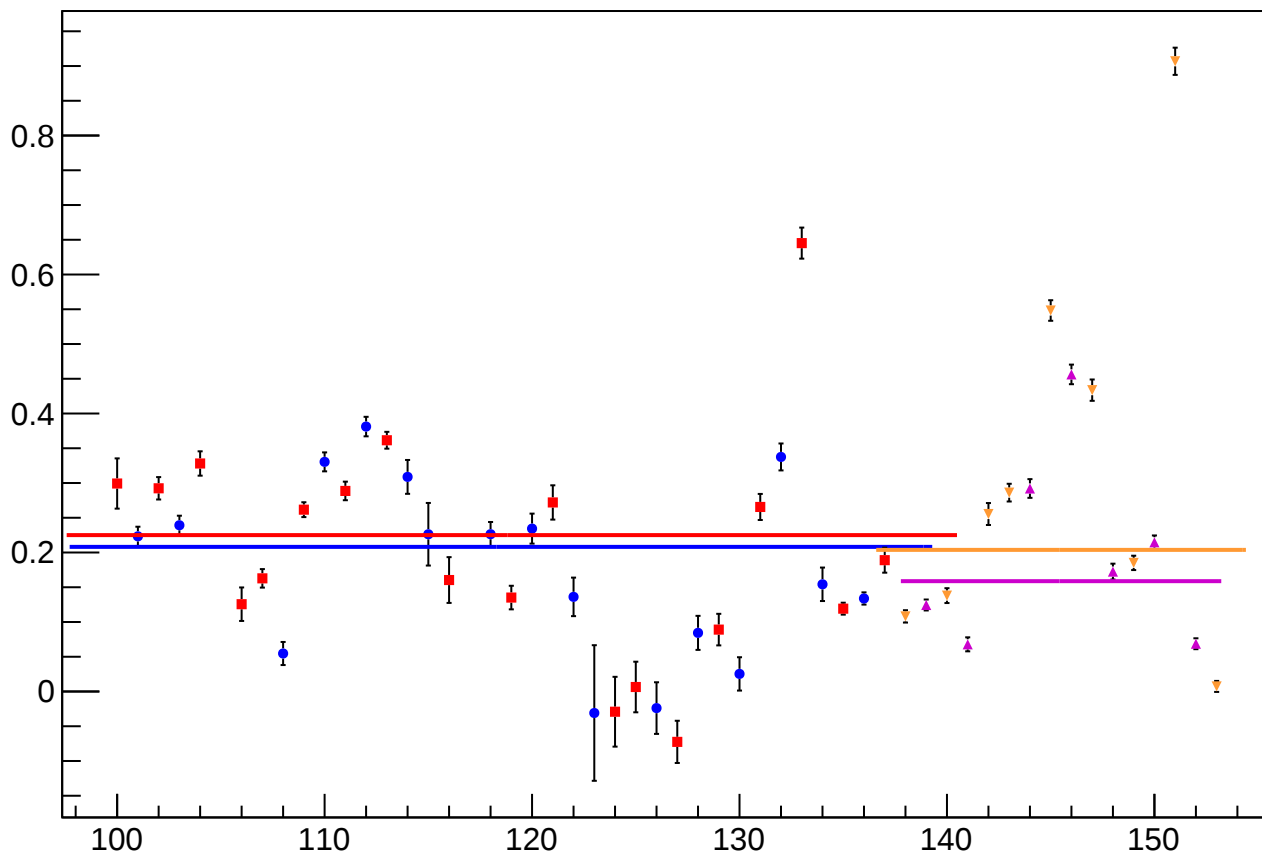
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.402 ± 0.054 χ^2/NDF : 2263.4/23

Out: -1.435 ± 0.052 χ^2/NDF : 2507.0/27

All: -1.419 ± 0.038 χ^2/NDF : 4770.6/51

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.204 ± 0.004 χ^2/NDF : 2881.0/8

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.159 ± 0.004 χ^2/NDF : 808.8/6

Left: 0.181 ± 0.003 χ^2/NDF : 3760.3/15

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.180 ± 0.003 χ^2/NDF : 1484.3/23

Out: 0.214 ± 0.003 χ^2/NDF : 3896.5/27

All: 0.198 ± 0.002 χ^2/NDF : 5456.6/51