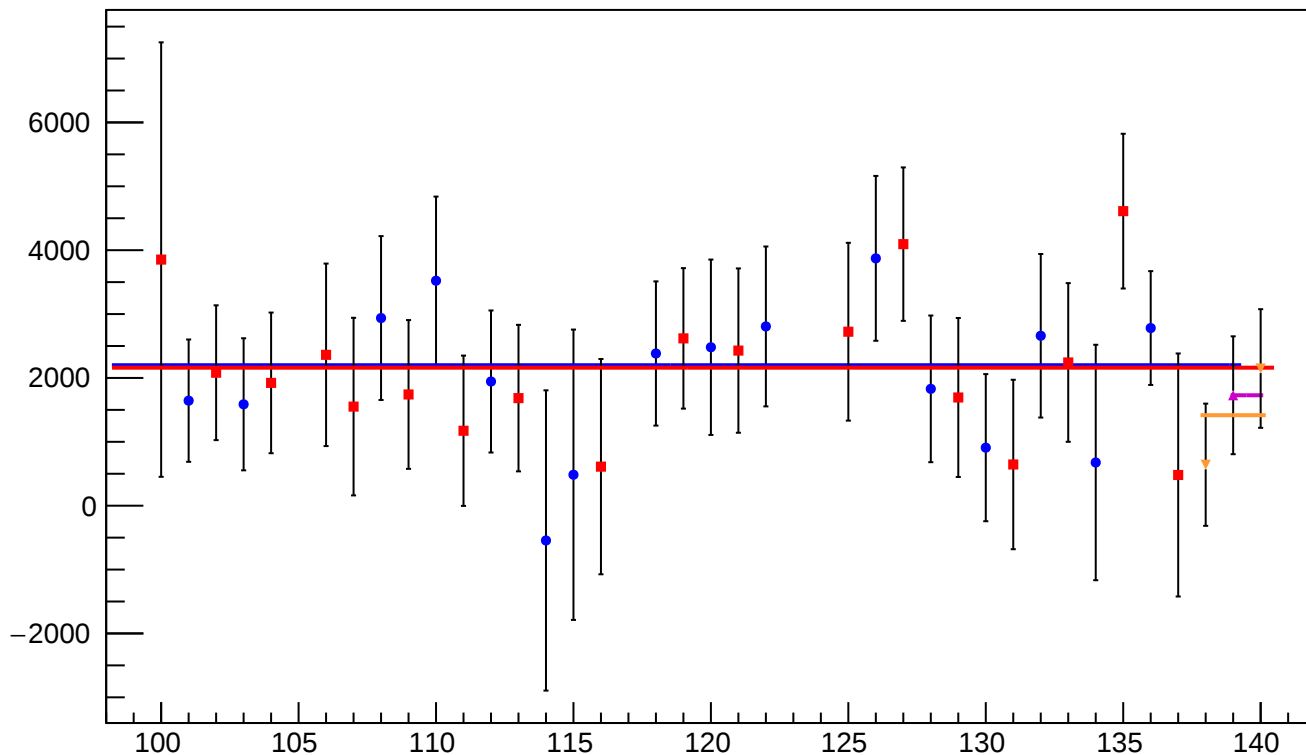


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1416.875+/-666.256

Right Out: 2160.742+/-303.587

Left In: 1728.860+/-922.741

χ^2/NDF : 8.6/15

χ^2/NDF : 1.3/1

χ^2/NDF : 11.7/17

χ^2/NDF : 0.0/0

Left: 1523.788+/-540.167

Right: 2179.612+/-215.784

In: 2152.101+/-291.101

Out: 2032.849+/-276.259

All: 2089.358+/-200.386

χ^2/NDF : 1.4/2

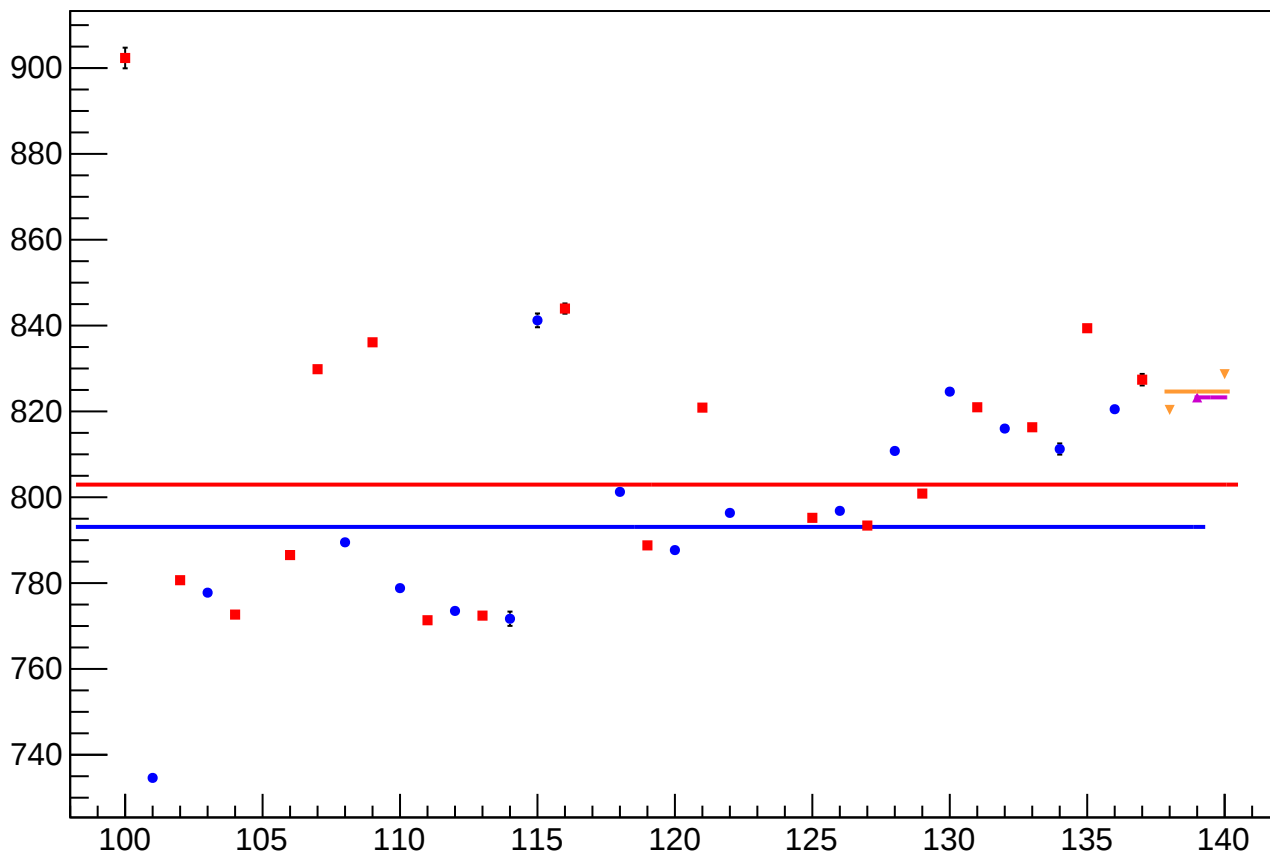
χ^2/NDF : 20.3/33

χ^2/NDF : 8.8/16

χ^2/NDF : 14.0/19

χ^2/NDF : 22.9/36

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 824.632 $\pm$ 0.471 χ^2 /NDF:77.9/1

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

Left In: 823.270 $\pm$ 0.652 χ^2 /NDF:0.0/0

Left: 824.165 $\pm$ 0.382 χ^2 /NDF: 80.8/2

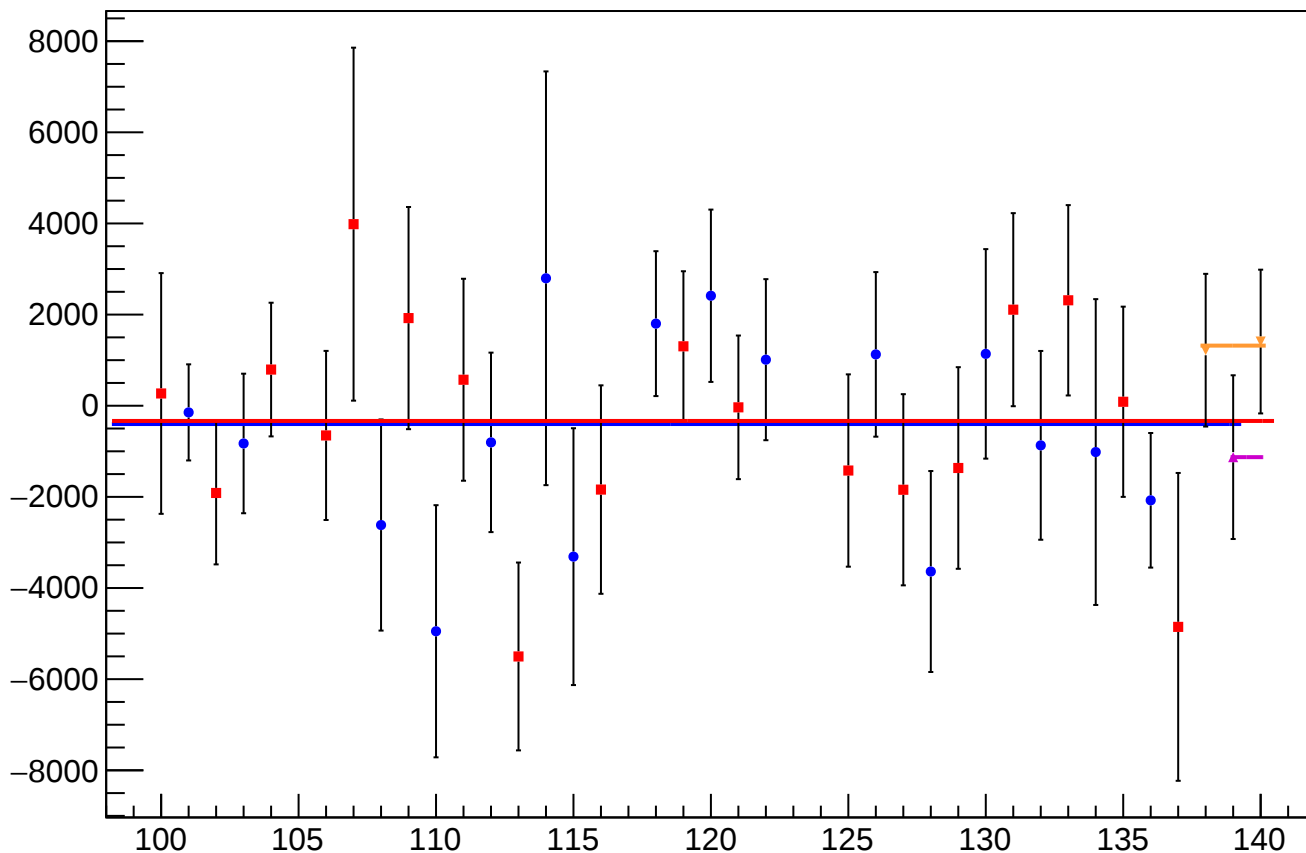
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 796.094 $\pm$ 0.206 χ^2 /NDF:16629.5/16

Out: 806.675 $\pm$ 0.195 χ^2 /NDF:16278.1/19

All: 801.661 $\pm$ 0.142 χ^2 /NDF: 34297.6/36

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1319.300+/-1148.356 χ^2/NDF : 0.0/1

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

Left In: -1128.157+/-1796.438 χ^2/NDF : 0.0/0

Left: 609.317+/-967.561 χ^2/NDF : 1.3/2

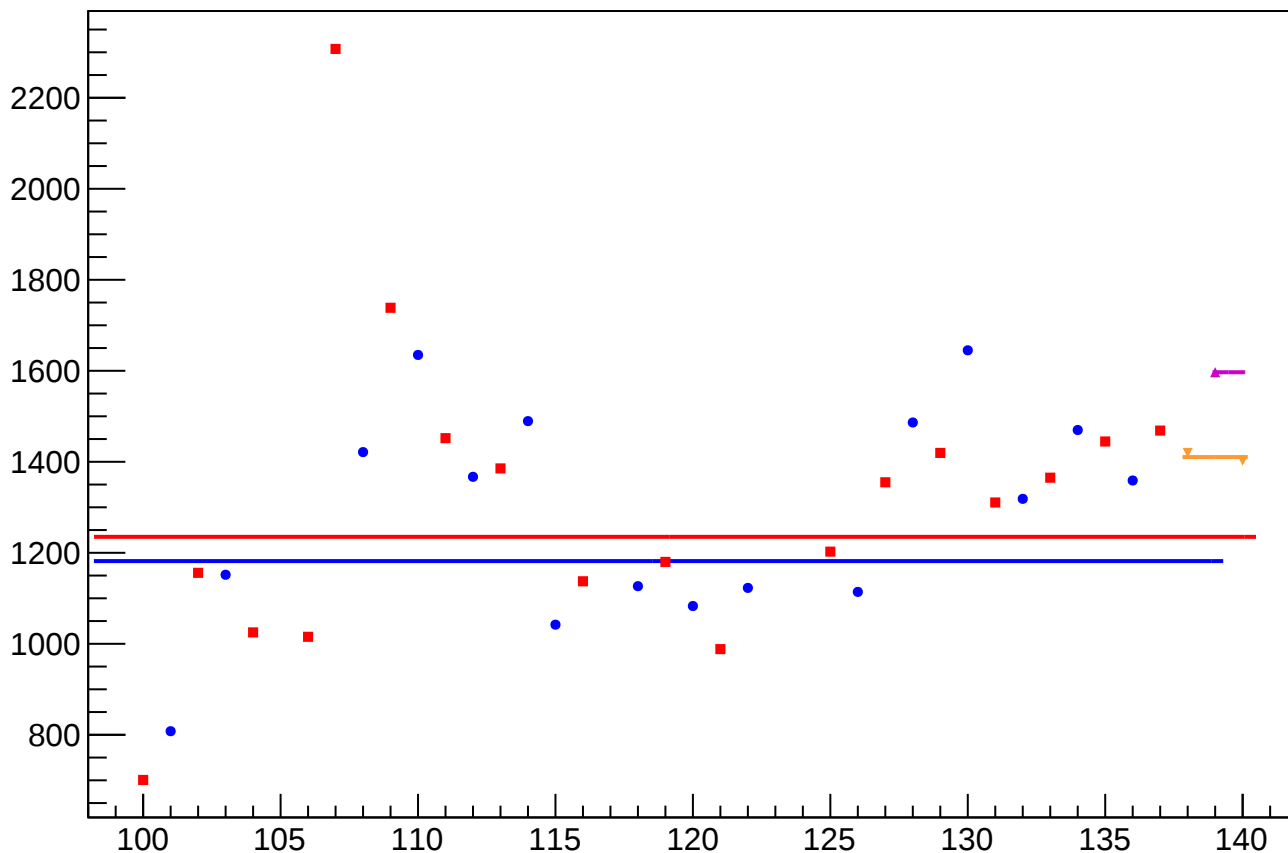
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -447.773+/-453.490 χ^2/NDF : 15.0/16

Out: -89.433+/-441.671 χ^2/NDF : 19.2/19

All: -263.872+/-316.405 χ^2/NDF : 34.5/36

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1410.373 $\pm$ 0.812 χ^2 /NDF:111.8/1

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

Left In: 1596.832 $\pm$ 1.270 χ^2 /NDF:0.0/0

Left: 1464.463 $\pm$ 0.684 χ^2 /NDF: 15407.8/2

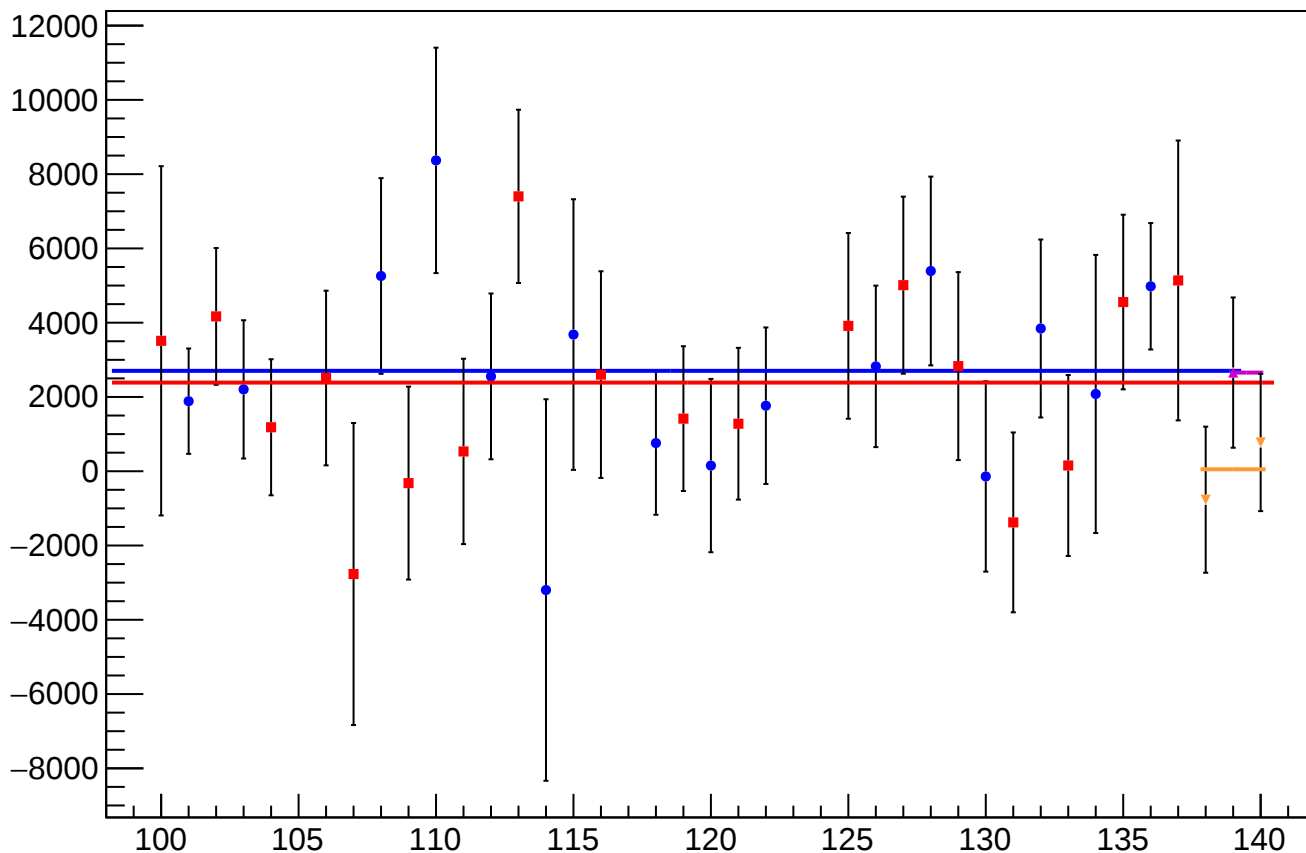
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1208.217 $\pm$ 0.321 χ^2 /NDF:643456.9/16

Out: 1261.022 $\pm$ 0.312 χ^2 /NDF:580066.2/19

All: 1235.316 $\pm$ 0.224 χ^2 /NDF: 1237439.6/36

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 52.218+/-1347.118 χ^2/NDF : 0.3/1

Right Out: 2387.341+/-569.264 χ^2/NDF : 16.1/17

Left In: 2656.060+/-2023.386 χ^2/NDF : 0.0/0

Left: 851.915+/-1121.331 χ^2/NDF : 1.5/2

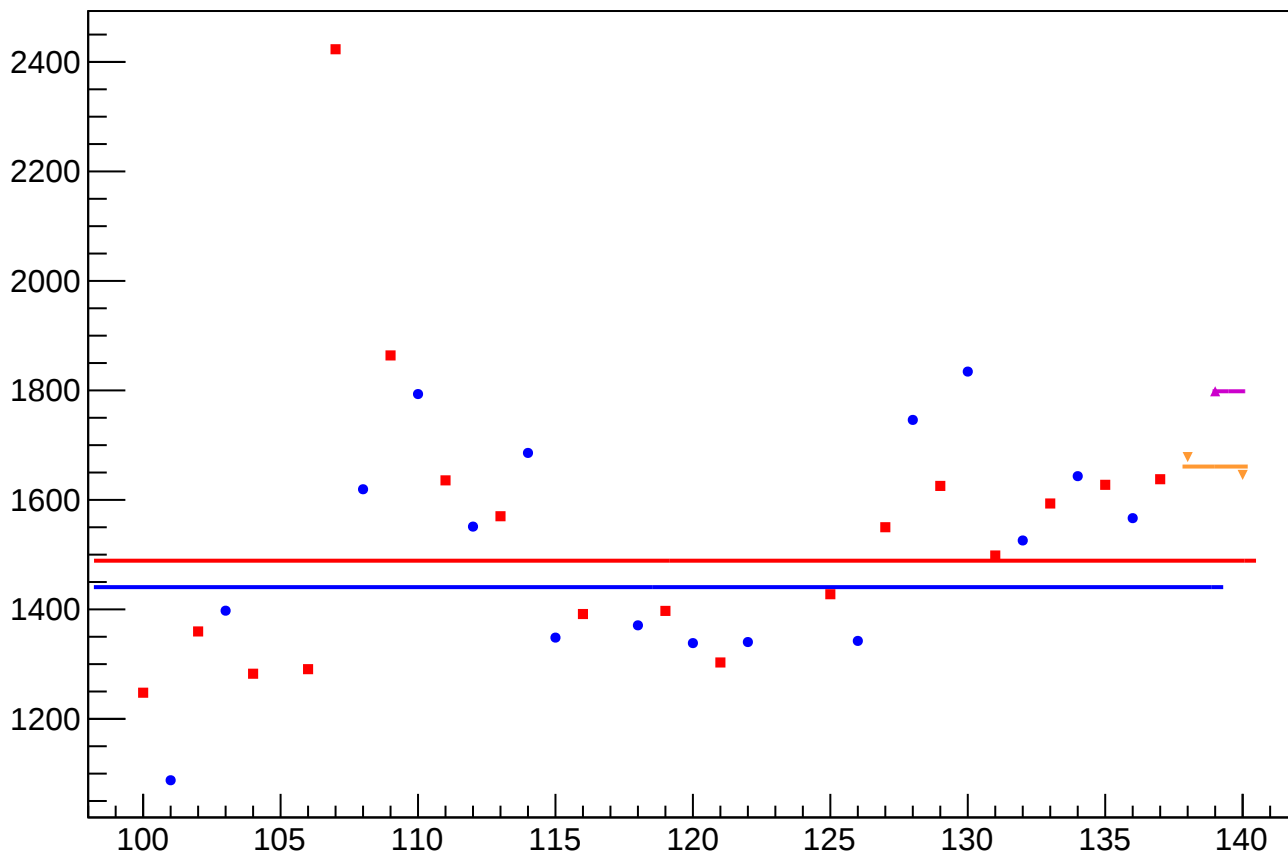
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2700.249+/-543.741 χ^2/NDF : 13.0/16

Out: 2033.531+/-524.367 χ^2/NDF : 19.0/19

All: 2354.801+/-377.447 χ^2/NDF : 32.8/36

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1660.906+/-0.953 χ^2/NDF : 291.1/1

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

Left In: 1798.410+/-1.431 χ^2/NDF : 0.0/0

Left: 1703.136+/-0.793 χ^2/NDF : 6690.8/2

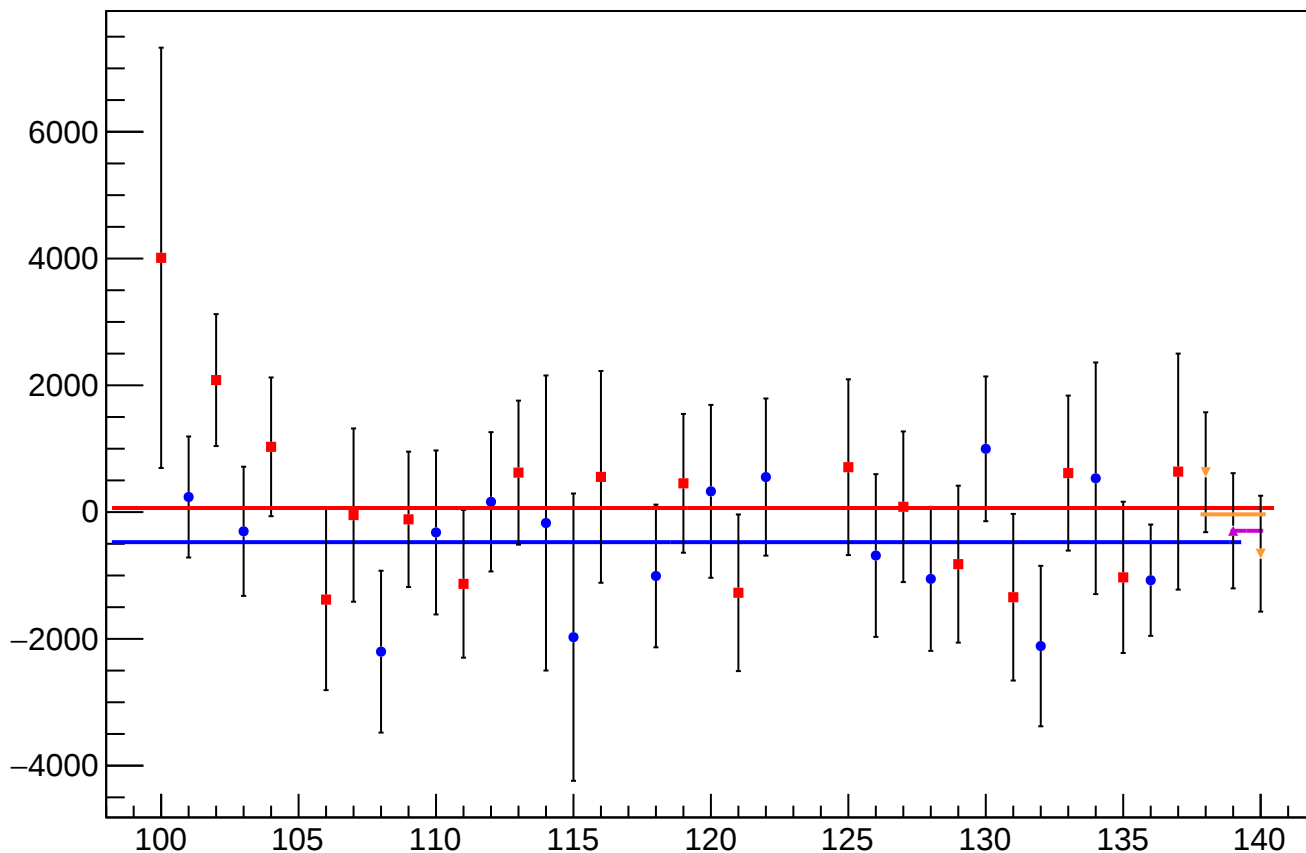
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1466.488+/-0.384 χ^2/NDF : 340271.9/16

Out: 1514.999+/-0.371 χ^2/NDF : 284785.7/19

All: 1491.623+/-0.267 χ^2/NDF : 633305.9/36

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2 /NDF: 8.9/15

Left Out: -35.099 $\pm$ 657.362 χ^2 /NDF:1.0/1

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -294.665 $\pm$ 908.715 χ^2 /NDF:0.0/0

Left: -124.268 $\pm$ 532.613 χ^2 /NDF: 1.0/2

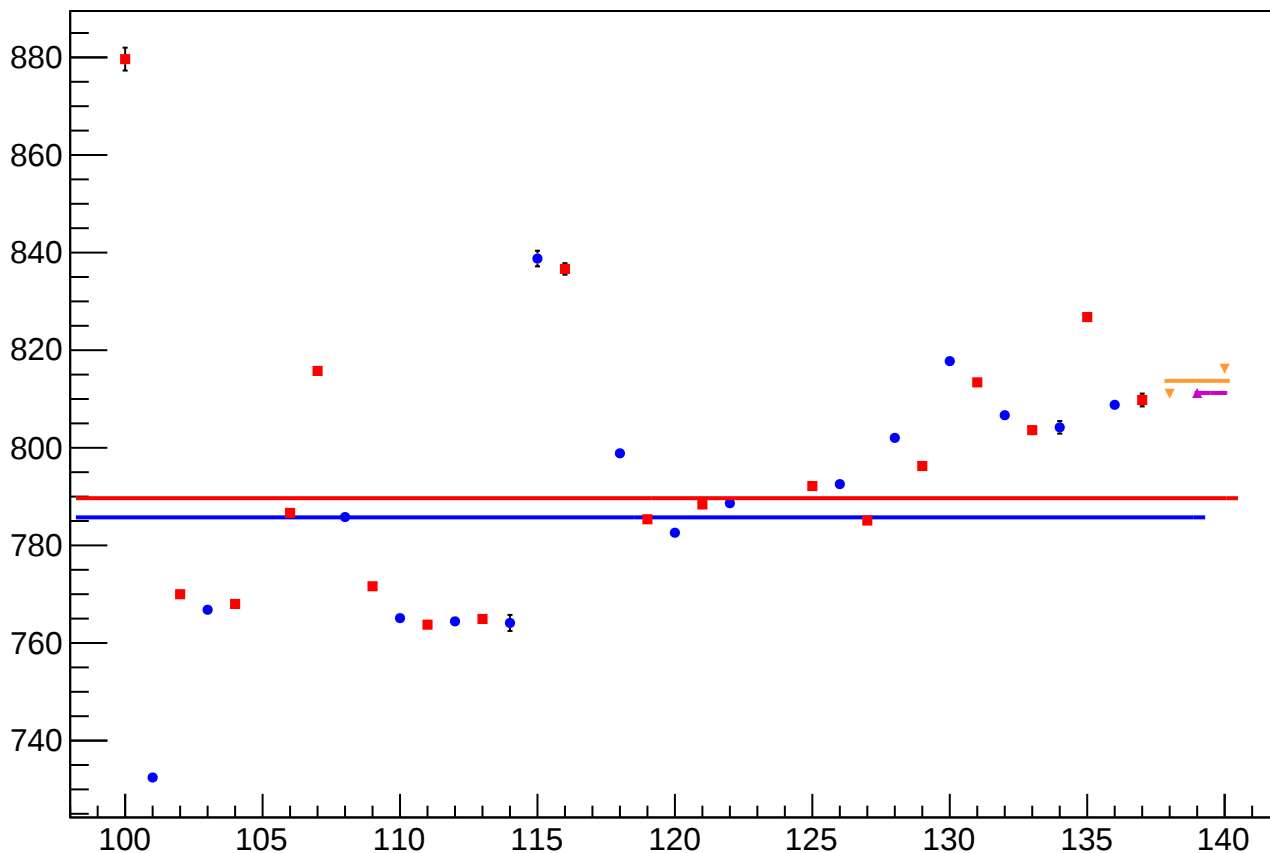
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -456.081 $\pm$ 288.222 χ^2 /NDF:8.9/16

Out: 47.637 $\pm$ 271.712 χ^2 /NDF:13.7/19

All: -189.383 $\pm$ 197.708 χ^2 /NDF: 24.2/36

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 813.722+/-0.465 χ^2/NDF :30.4/1

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

Left In: 811.240+/-0.643 χ^2/NDF :0.0/0

Left: 812.869+/-0.377 χ^2/NDF : 40.1/2

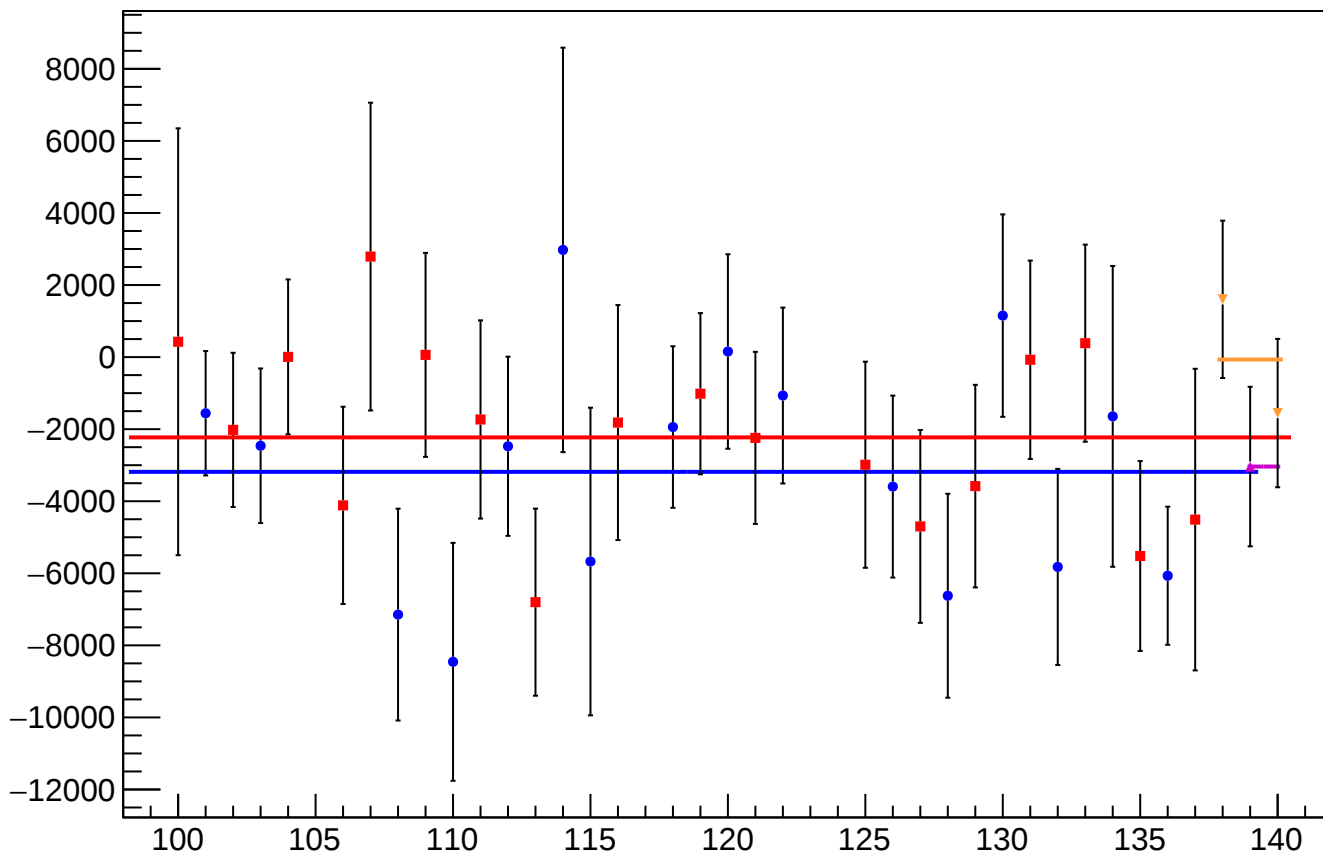
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 788.310+/-0.204 χ^2/NDF :15337.3/16

Out: 793.783+/-0.192 χ^2/NDF :13259.4/19

All: 791.208+/-0.140 χ^2/NDF : 28978.5/36

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -67.519 ± 1498.106 χ^2/NDF : 1.1/1

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

Left In: -3037.458 ± 2213.821 χ^2/NDF : 0.0/0

Left: -1000.366 ± 1240.721 χ^2/NDF : 2.3/2

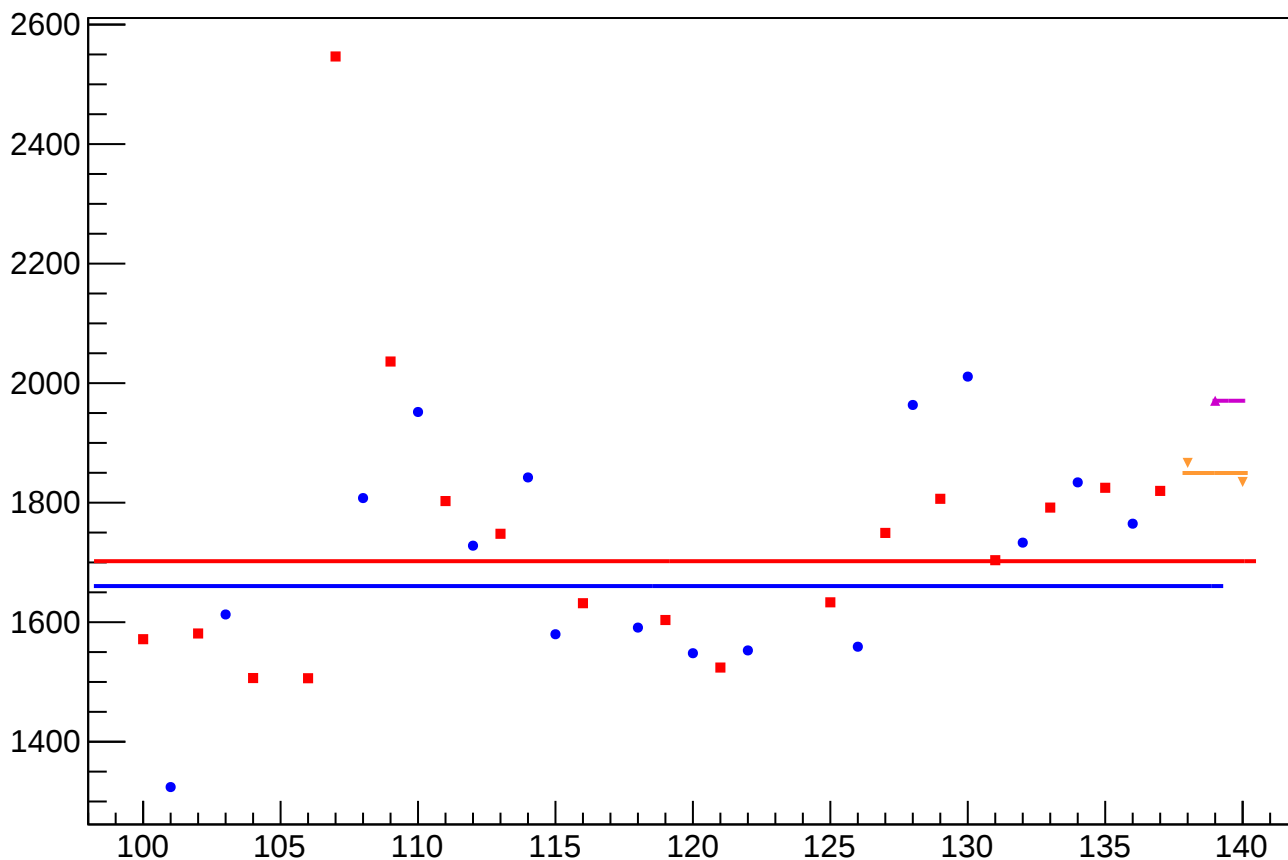
Right: -2706.812 ± 457.995 χ^2/NDF : 29.7/33

In: -3172.937 ± 621.341 χ^2/NDF : 16.8/16

Out: -1887.530 ± 594.781 χ^2/NDF : 14.6/19

All: -2502.173 ± 429.656 χ^2/NDF : 33.7/36

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1849.656+/-1.059 χ^2/NDF : 226.2/1

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

Left In: 1970.535+/-1.565 χ^2/NDF : 0.0/0

Left: 1887.624+/-0.877 χ^2/NDF : 4316.0/2

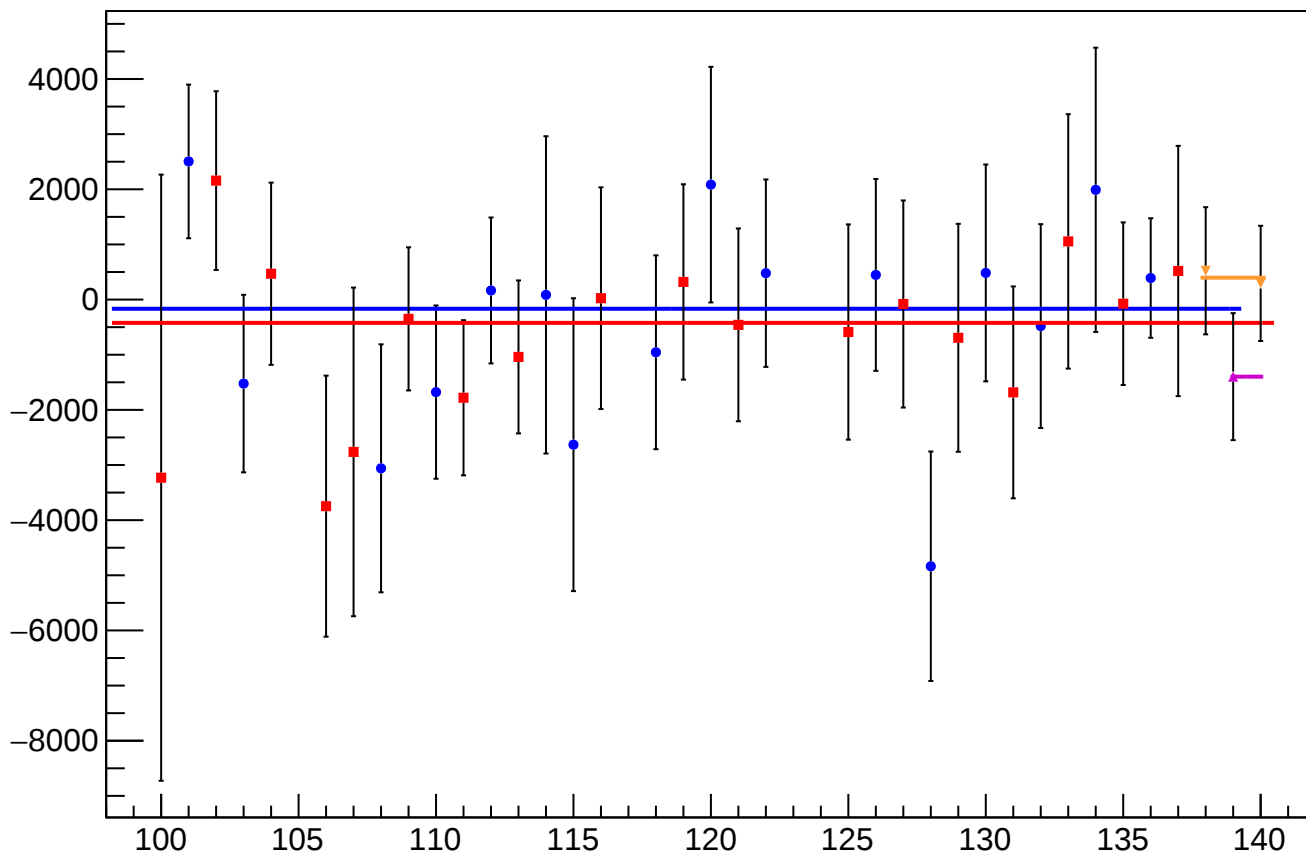
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1684.887+/-0.439 χ^2/NDF : 215350.4/16

Out: 1725.357+/-0.421 χ^2/NDF : 188579.3/19

All: 1706.006+/-0.304 χ^2/NDF : 408357.4/36

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 396.675 ± 774.176 χ^2/NDF : 0.0/1

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -1397.462 ± 1151.525 χ^2/NDF : 0.0/0

Left: -161.825 ± 642.476 χ^2/NDF : 1.7/2

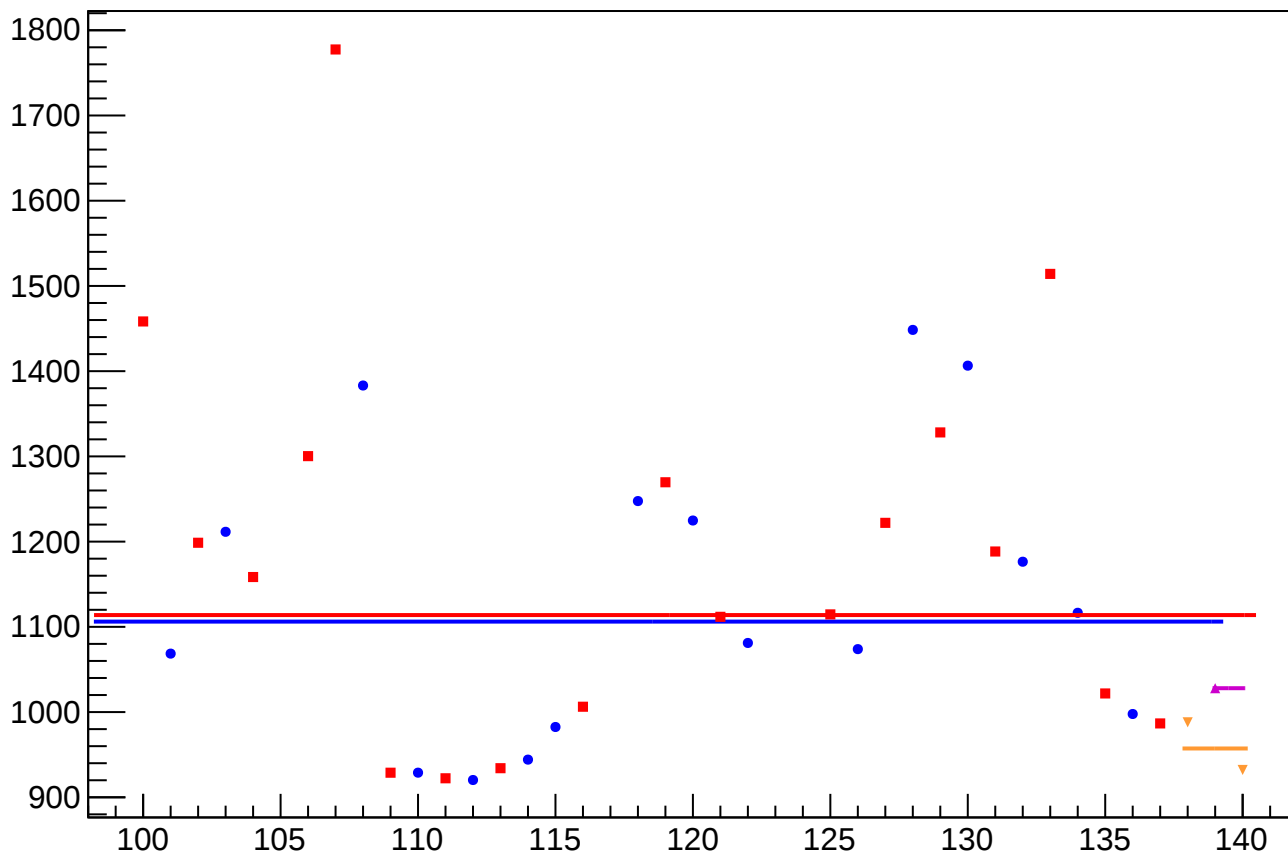
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -318.667 ± 405.031 χ^2/NDF : 16.6/16

Out: -231.096 ± 374.114 χ^2/NDF : 9.0/19

All: -271.412 ± 274.819 χ^2/NDF : 25.7/36

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 957.279+/-0.547 χ^2/NDF : 2580.5/1

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

Left In: 1028.013+/-0.814 χ^2/NDF : 0.0/0

Left: 979.298+/-0.454 χ^2/NDF : 7777.7/2

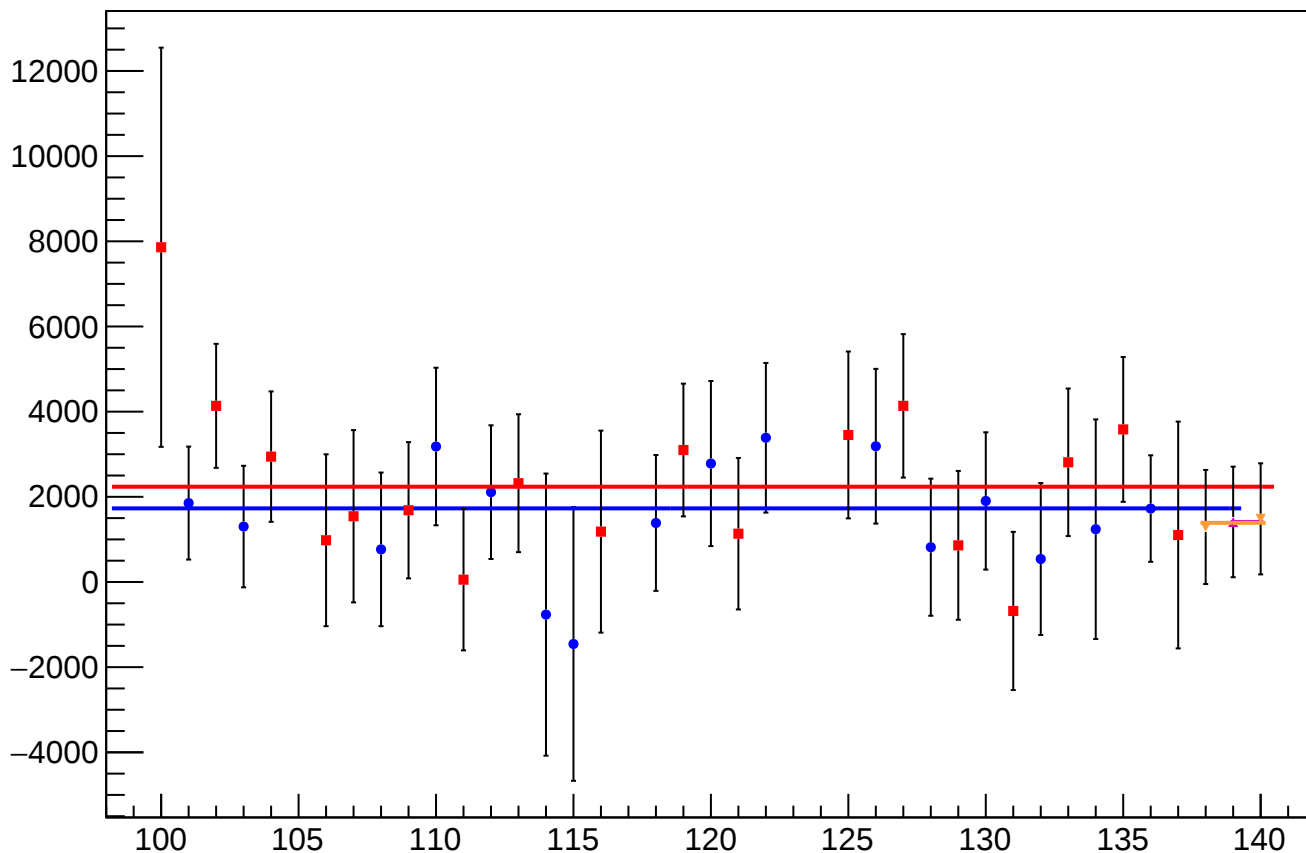
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1096.491+/-0.286 χ^2/NDF : 267989.0/16

Out: 1077.265+/-0.265 χ^2/NDF : 429550.9/19

All: 1086.116+/-0.194 χ^2/NDF : 699971.6/36

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1389.510 $\pm$ 934.634 χ^2 /NDF:0.0/1

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

Left In: 1409.842 $\pm$ 1298.390 χ^2 /NDF:0.0/0

Left: 1396.449 $\pm$ 758.545 χ^2 /NDF: 0.0/2

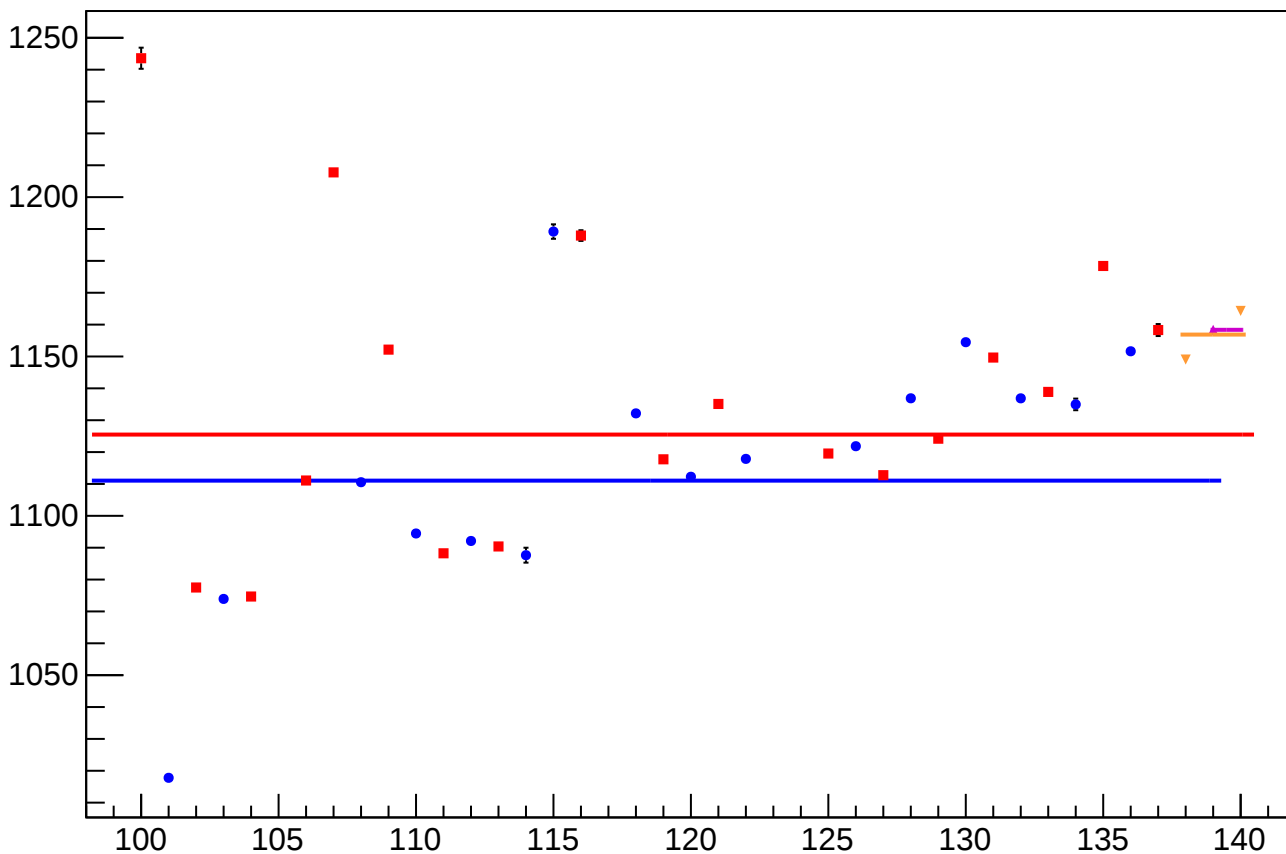
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1696.997 $\pm$ 408.028 χ^2 /NDF:5.4/16

Out: 2092.094 $\pm$ 387.225 χ^2 /NDF:12.9/19

All: 1904.874 $\pm$ 280.876 χ^2 /NDF: 18.8/36

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1156.873 $\pm$ 0.661 χ^2 /NDF:133.2/1

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

Left In: 1158.368 $\pm$ 0.918 χ^2 /NDF:0.0/0

Left: 1157.383 $\pm$ 0.536 χ^2 /NDF: 135.0/2

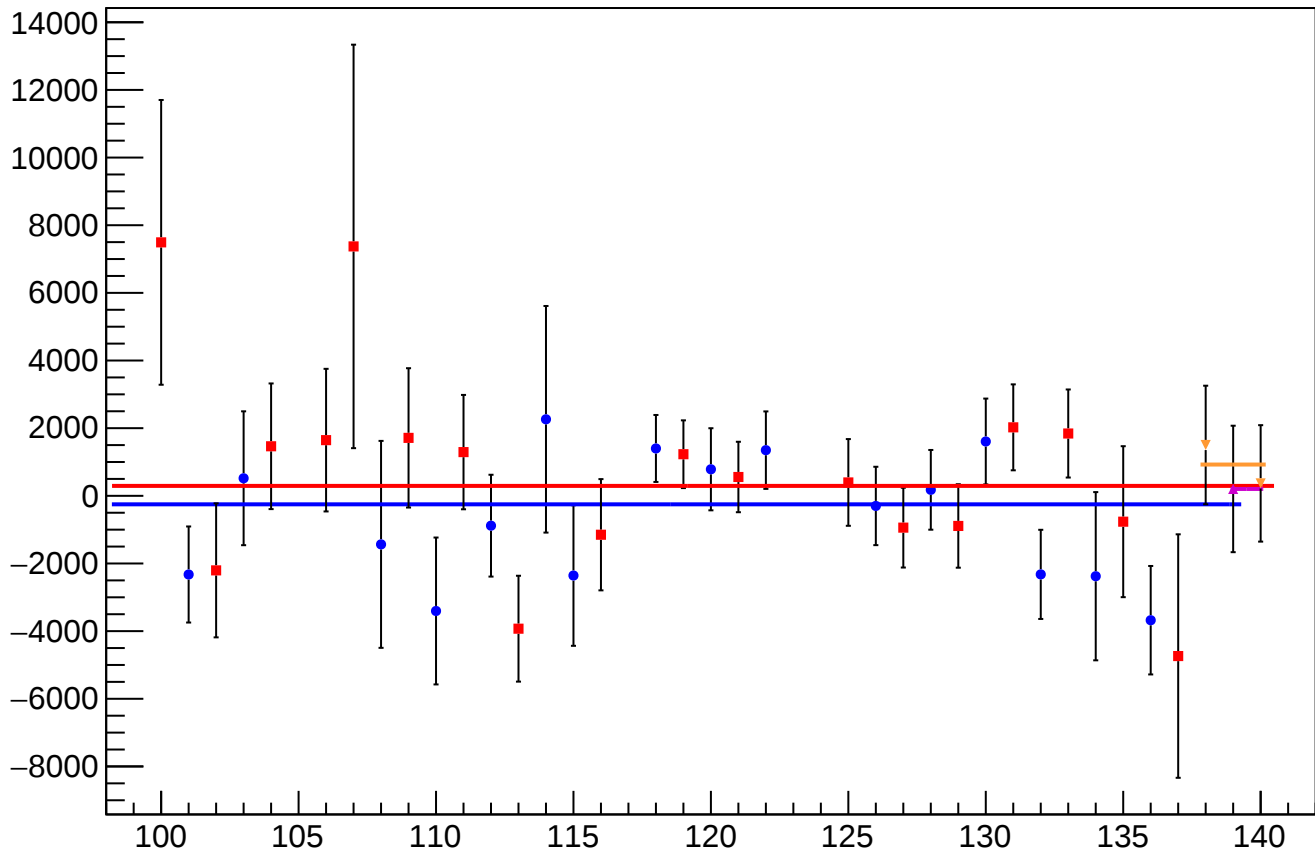
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1115.716 $\pm$ 0.289 χ^2 /NDF:20485.8/16

Out: 1130.881 $\pm$ 0.274 χ^2 /NDF:17881.3/19

All: 1123.695 $\pm$ 0.199 χ^2 /NDF: 39820.8/36

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 924.868+/-1228.127 χ^2/NDF : 0.2/1

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

Left In: 203.372+/-1869.216 χ^2/NDF : 0.0/0

Left: 707.321+/-1026.407 χ^2/NDF : 0.3/2

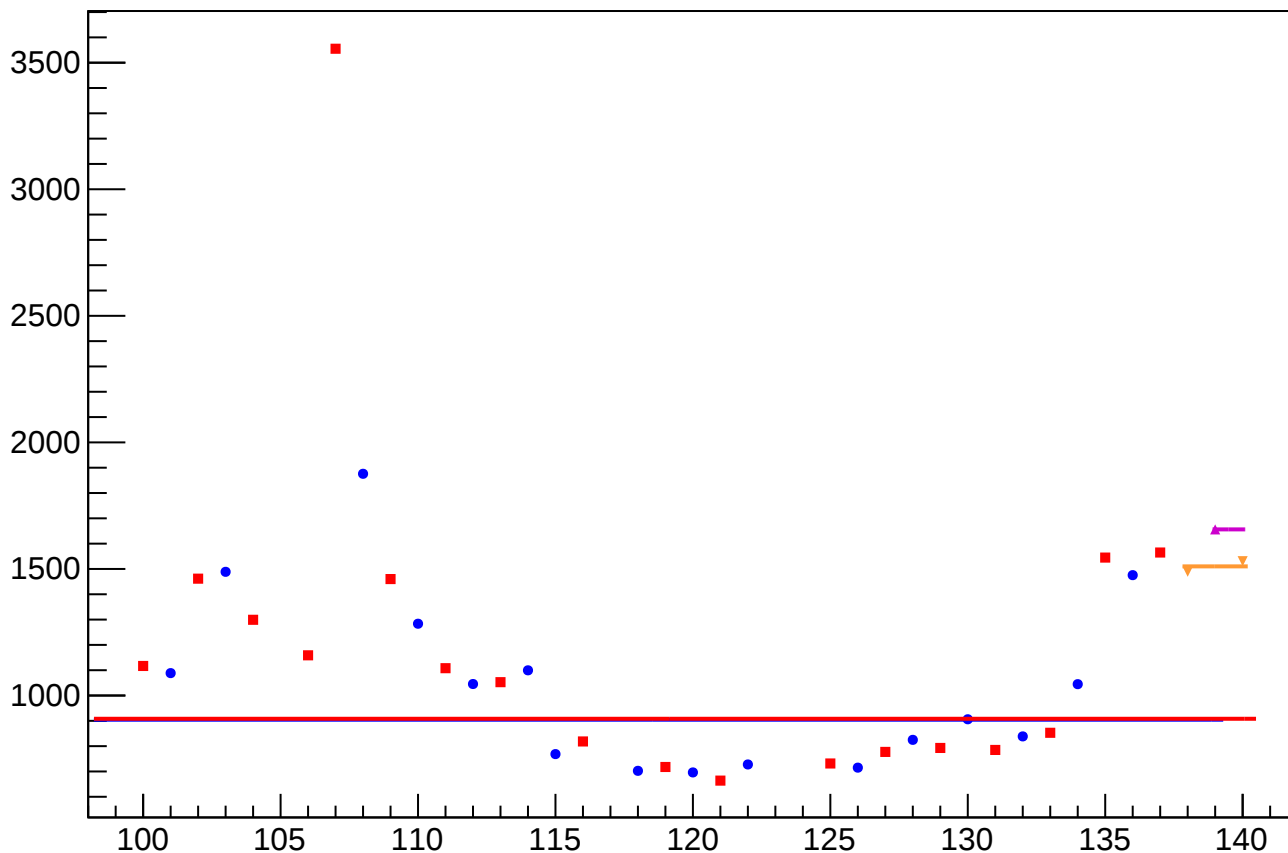
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -234.630+/-358.188 χ^2/NDF : 21.9/16

Out: 344.241+/-347.662 χ^2/NDF : 24.5/19

All: 63.435+/-249.472 χ^2/NDF : 47.7/36

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1510.185+/-0.868 χ^2/NDF : 574.3/1

Right Out: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

Left In: 1656.293+/-1.322 χ^2/NDF : 0.0/0

Left: 1554.240+/-0.726 χ^2/NDF : 9109.4/2

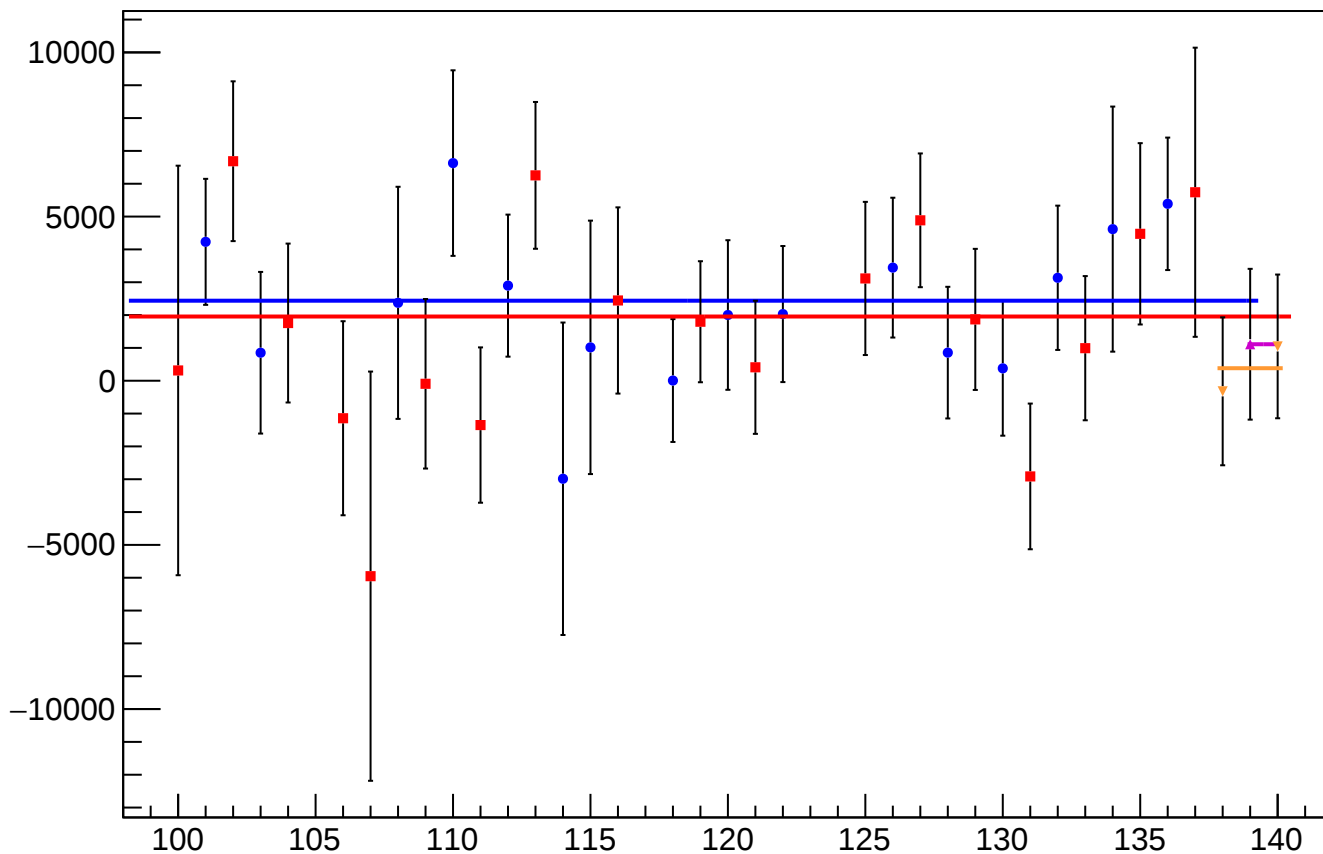
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 932.095+/-0.253 χ^2/NDF : 1332749.3/16

Out: 956.398+/-0.246 χ^2/NDF : 1823685.6/19

All: 944.608+/-0.176 χ^2/NDF : 3161175.8/36

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2 /NDF: 11.2/15

Left Out: 381.356 $\pm$ 1569.749 χ^2 /NDF: 0.2/1

Right Out: 1955.910 $\pm$ 584.085 χ^2 /NDF: 22.4/17

Left In: 1111.596 $\pm$ 2296.306 χ^2 /NDF: 0.0/0

Left: 613.922 $\pm$ 1295.896 χ^2 /NDF: 0.3/2

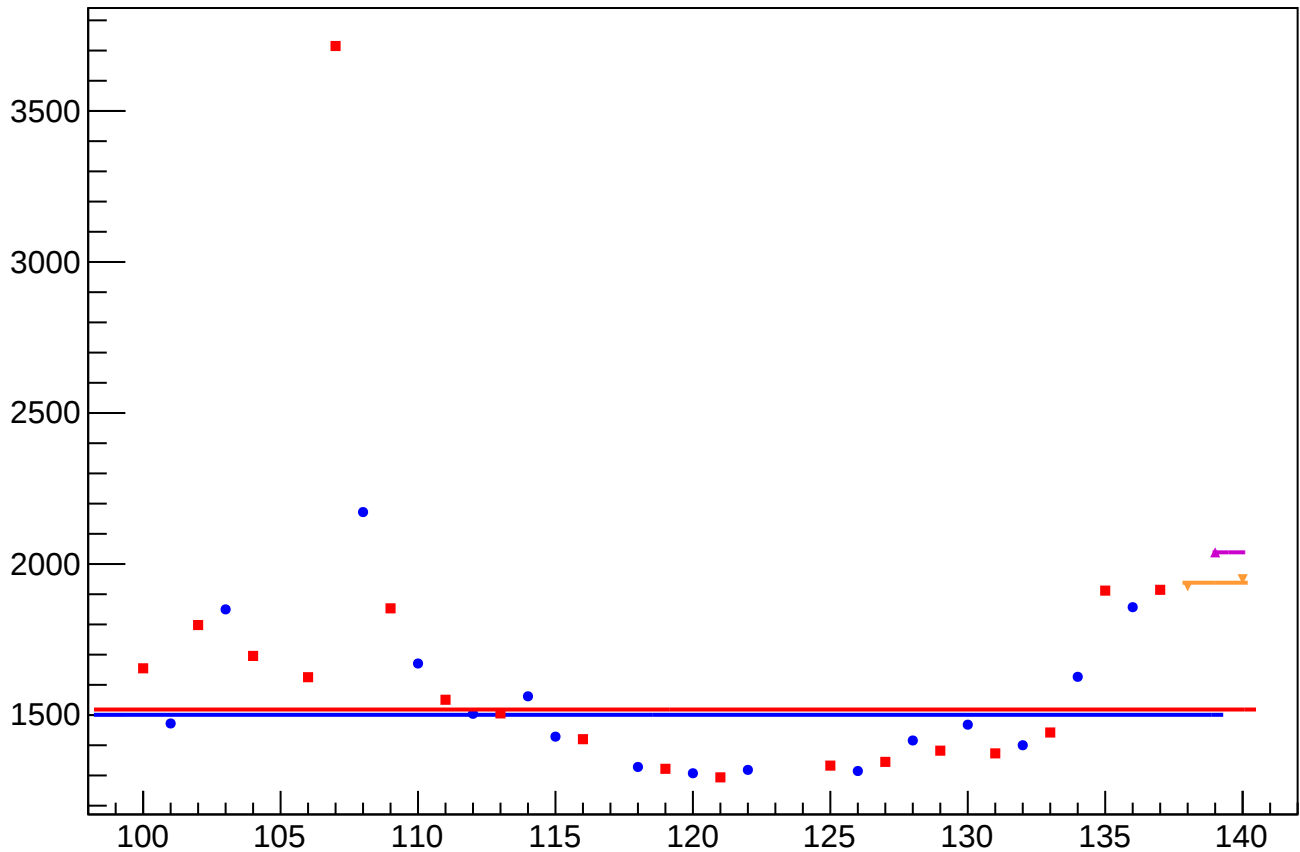
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 2356.381 $\pm$ 568.013 χ^2 /NDF: 11.5/16

Out: 1764.425 $\pm$ 547.418 χ^2 /NDF: 23.4/19

All: 2049.477 $\pm$ 394.163 χ^2 /NDF: 35.5/36

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1938.168+/-1.110 χ^2/NDF : 112.2/1

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

Left In: 2038.710+/-1.624 χ^2/NDF : 0.0/0

Left: 1970.189+/-0.916 χ^2/NDF : 2725.2/2

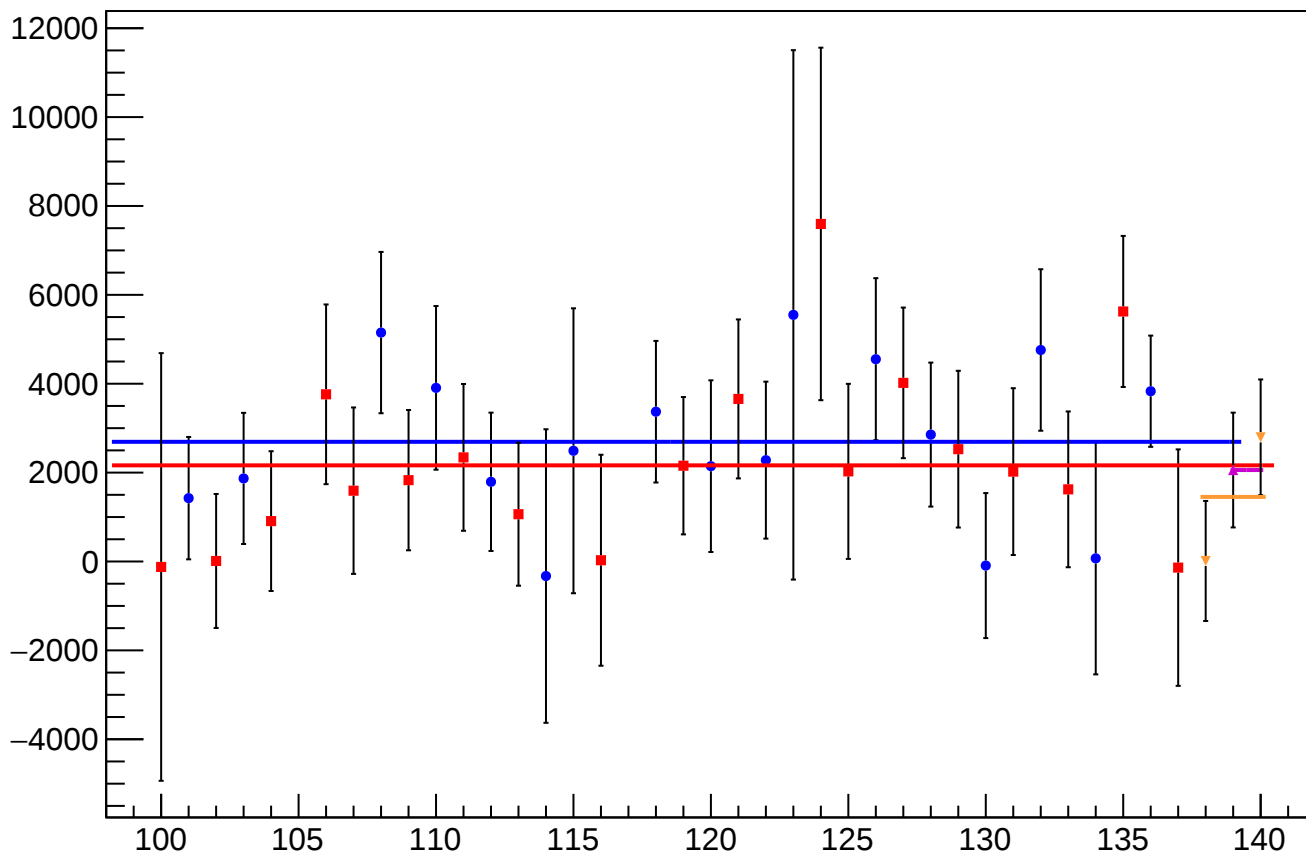
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1533.741+/-0.402 χ^2/NDF : 359247.6/16

Out: 1569.385+/-0.387 χ^2/NDF : 601792.3/19

All: 1552.221+/-0.279 χ^2/NDF : 965123.1/36

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1453.293 $\pm$ 937.400 χ^2 /NDF:2.2/1

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

Left In: 2057.725 $\pm$ 1291.568 χ^2 /NDF:0.0/0

Left: 1661.834 $\pm$ 758.646 χ^2 /NDF: 2.3/2

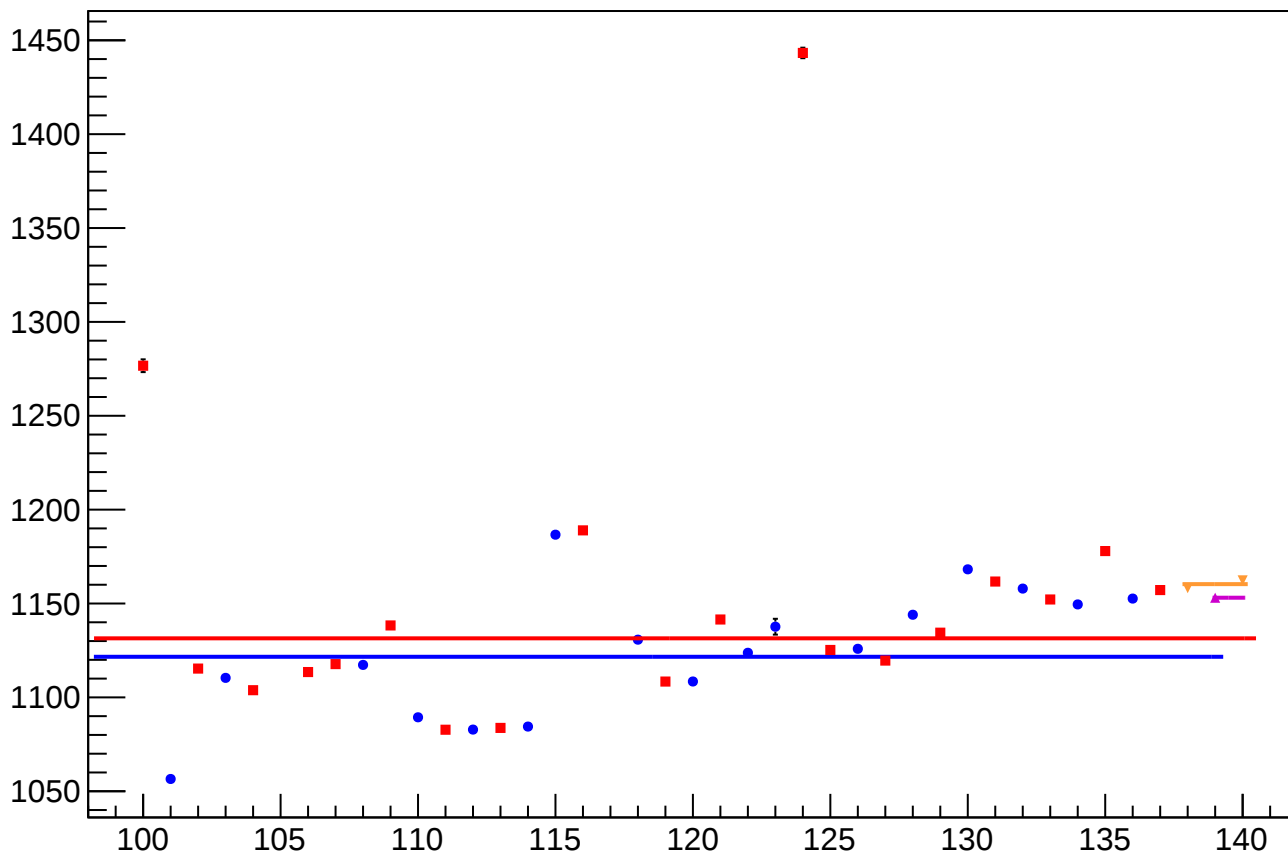
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2628.914 $\pm$ 410.215 χ^2 /NDF:12.5/17

Out: 2042.645 $\pm$ 386.166 χ^2 /NDF:16.4/20

All: 2318.091 $\pm$ 281.178 χ^2 /NDF: 30.0/38

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1160.324 $\pm$ 0.663 χ^2 /NDF: 9.8/1

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

Left In: 1153.084 $\pm$ 0.913 χ^2 /NDF: 0.0/0

Left: 1157.826 $\pm$ 0.536 χ^2 /NDF: 51.0/2

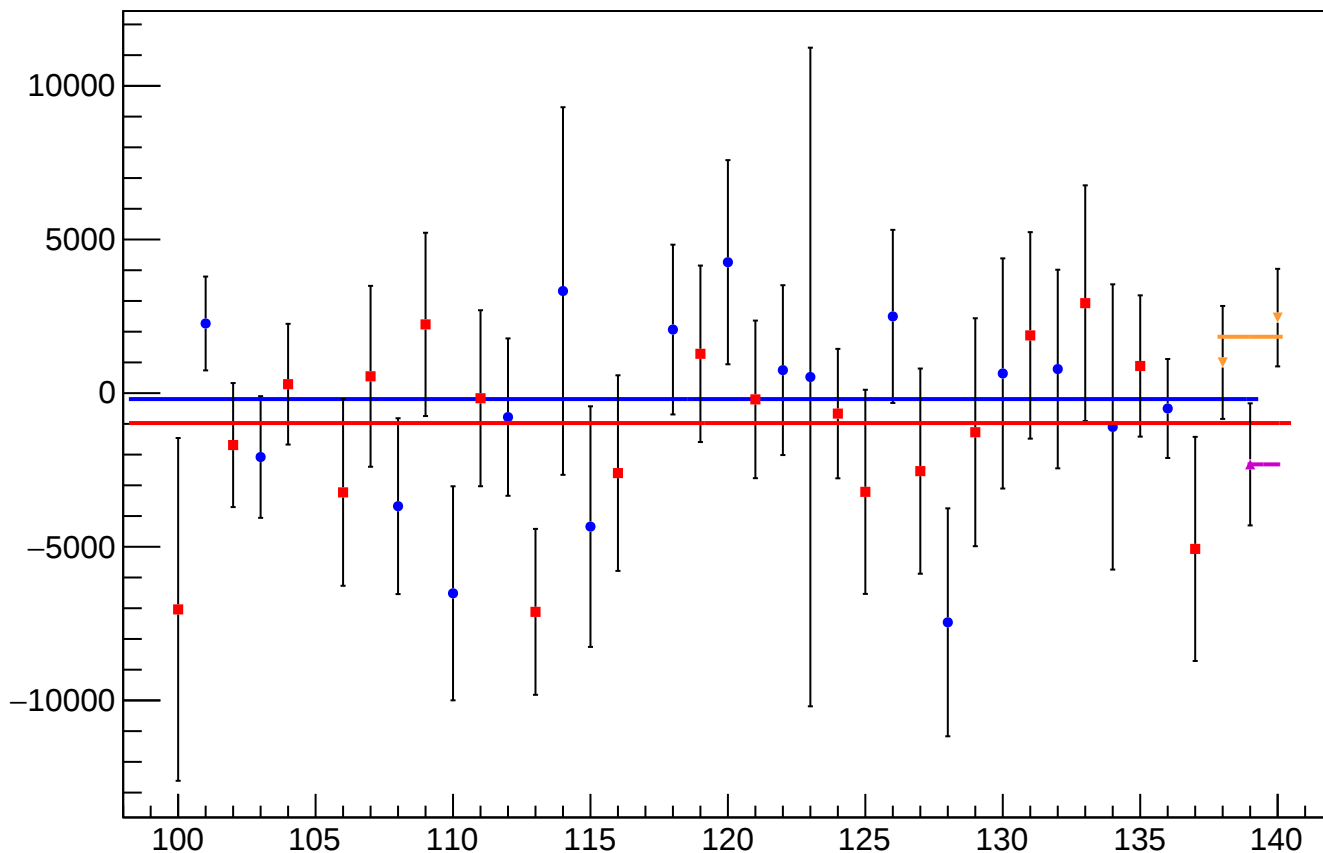
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1124.800 $\pm$ 0.290 χ^2 /NDF: 13047.0/17

Out: 1136.351 $\pm$ 0.273 χ^2 /NDF: 24696.9/20

All: 1130.924 $\pm$ 0.199 χ^2 /NDF: 38584.7/38

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1834.799+/-1201.581 χ^2/NDF : 0.4/1

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

Left In: -2318.241+/-1986.588 χ^2/NDF : 0.0/0

Left: 722.409+/-1028.142 χ^2/NDF : 3.6/2

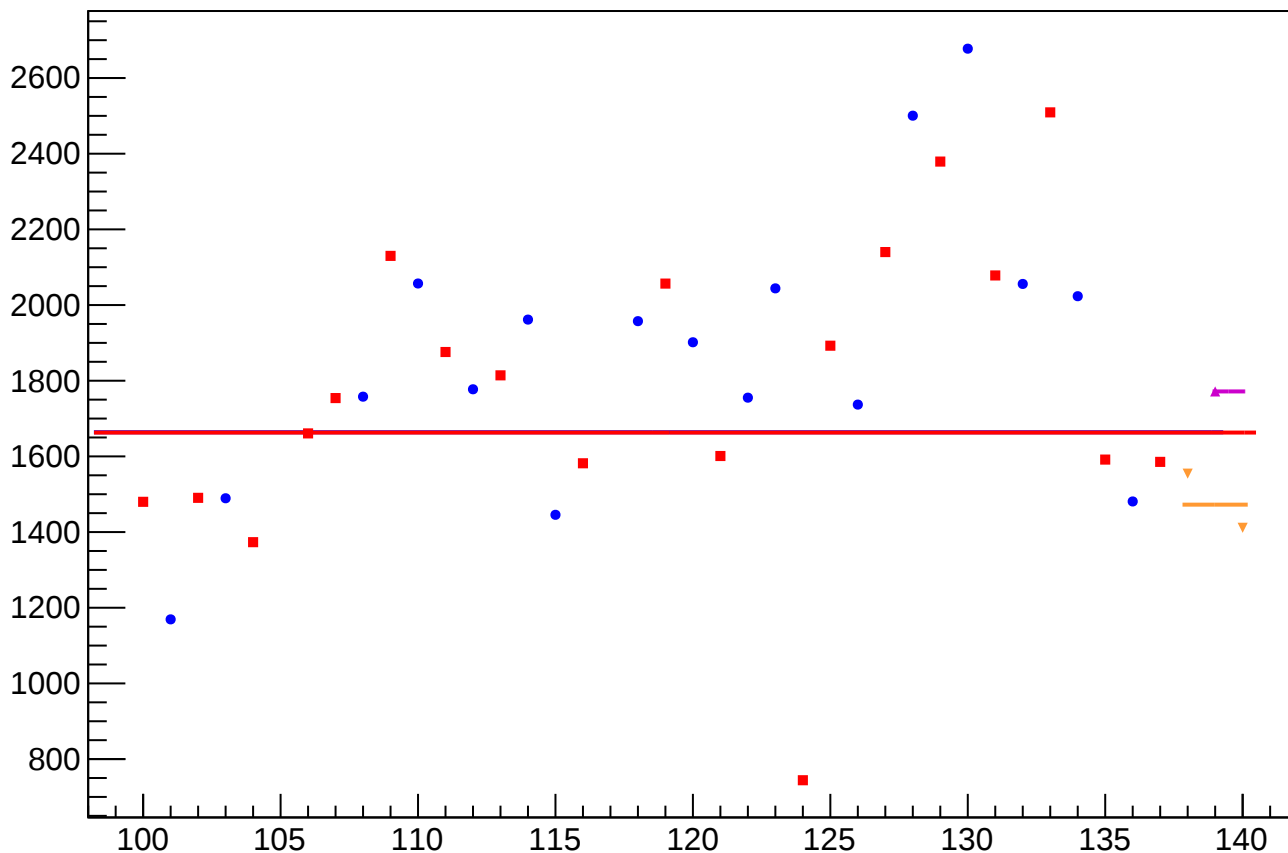
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -404.763+/-626.645 χ^2/NDF : 18.4/17

Out: -345.054+/-568.332 χ^2/NDF : 18.9/20

All: -372.001+/-420.981 χ^2/NDF : 37.3/38

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779+/-0.467 χ^2/NDF : 622477.6/16

Left Out: 1472.462+/-0.850 χ^2/NDF : 6937.5/1

Right Out: 1662.985+/-0.456 χ^2/NDF : 804974.2/18

Left In: 1771.687+/-1.405 χ^2/NDF : 0.0/0

Left: 1552.609+/-0.727 χ^2/NDF : 40158.4/2

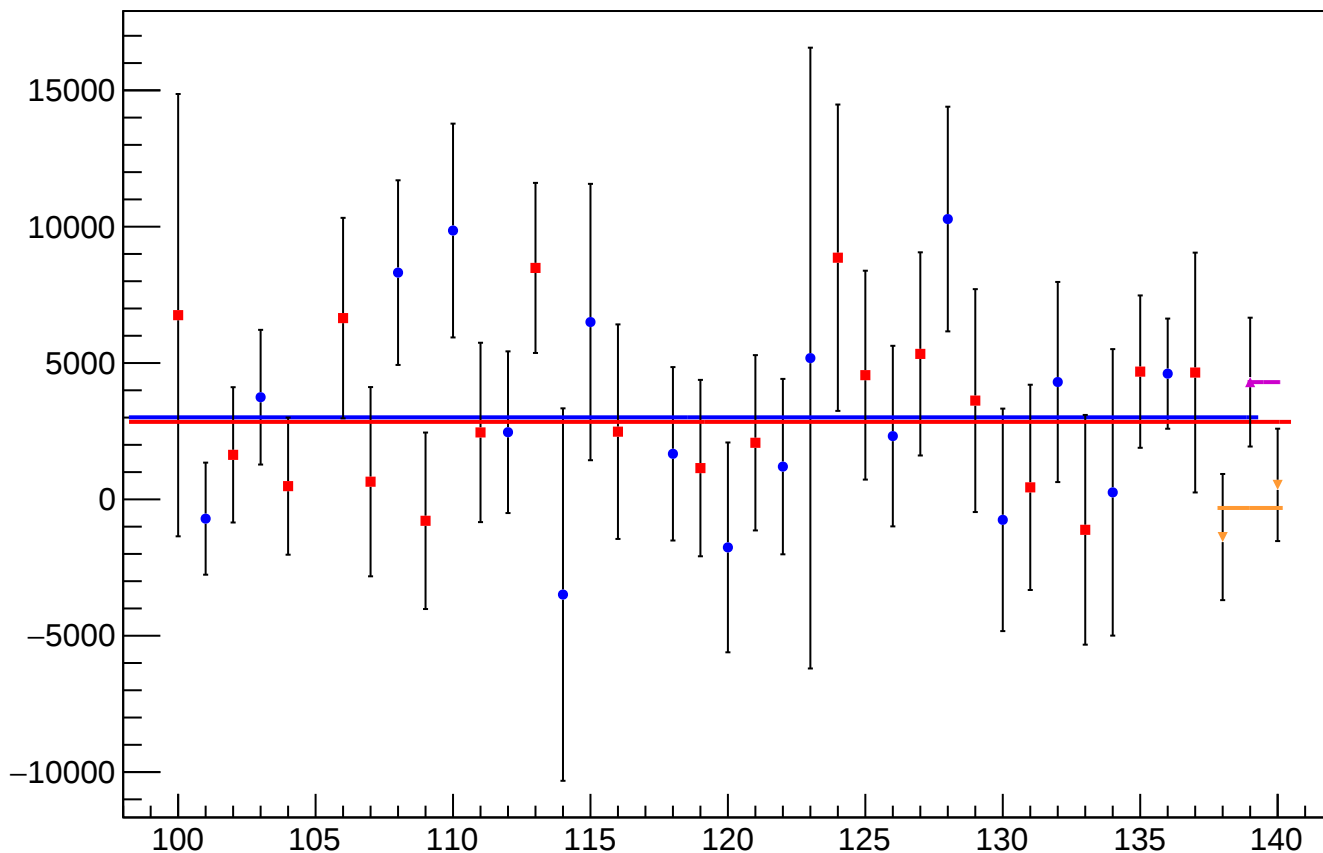
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1674.516+/-0.443 χ^2/NDF : 627791.4/17

Out: 1620.362+/-0.402 χ^2/NDF : 850945.5/20

All: 1644.803+/-0.298 χ^2/NDF : 1486932.3/38

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2 /NDF: 17.4/16

Left Out: -314.886 $\pm$ 1538.649 χ^2 /NDF:0.4/1

Right Out: 2842.013 $\pm$ 795.731 χ^2 /NDF: 11.4/18

Left In: 4300.197 $\pm$ 2362.363 χ^2 /NDF:0.0/0

Left: 1059.757 $\pm$ 1289.293 χ^2 /NDF: 3.1/2

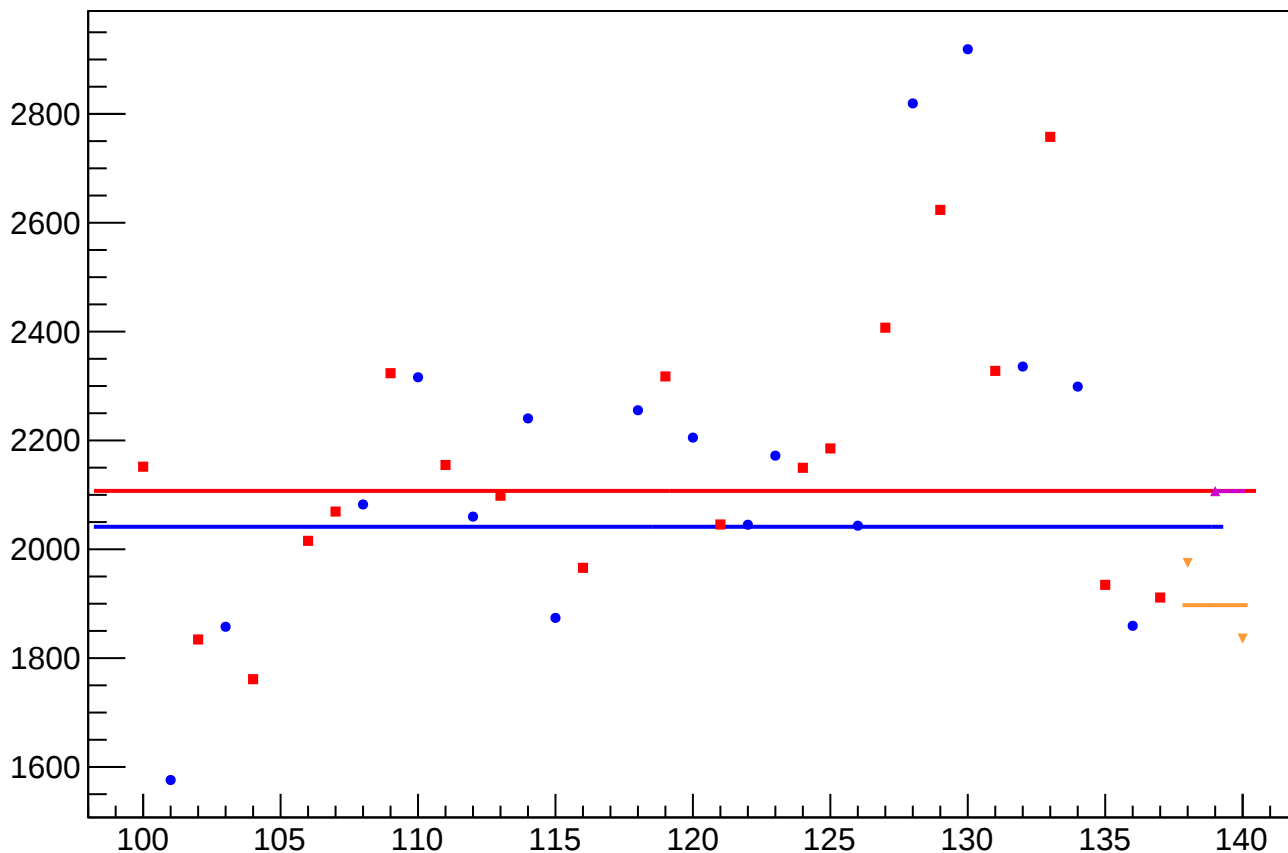
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 3141.905 $\pm$ 757.431 χ^2 /NDF:17.7/17

Out: 2175.848 $\pm$ 706.805 χ^2 /NDF:15.1/20

All: 2625.515 $\pm$ 516.758 χ^2 /NDF: 33.7/38

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.343+/-1.088 χ^2/NDF : 4024.8/1

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

Left In: 2106.852+/-1.670 χ^2/NDF : 0.0/0

Left: 1959.747+/-0.912 χ^2/NDF : 15069.8/2

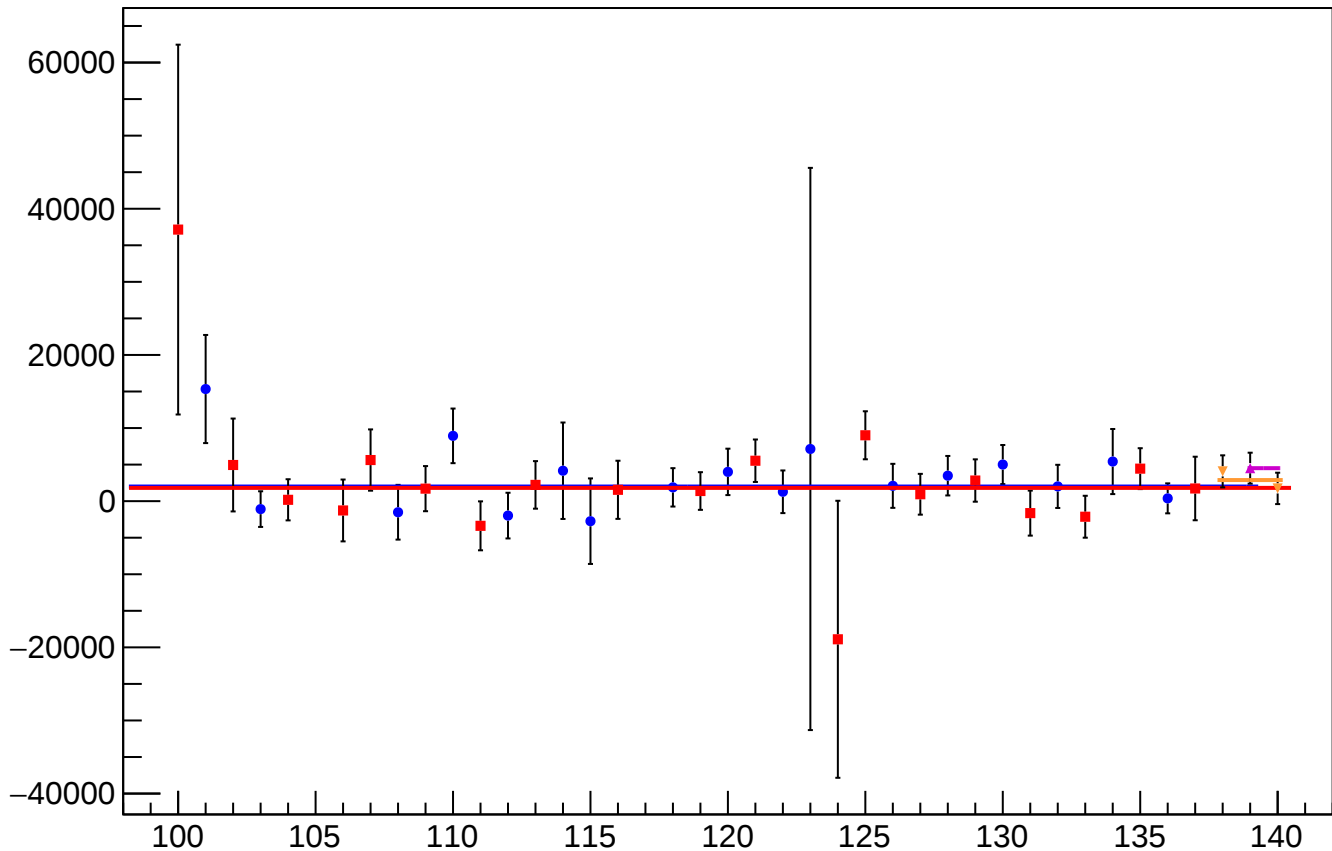
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 2048.082+/-0.536 χ^2/NDF : 339816.4/17

Out: 2062.977+/-0.500 χ^2/NDF : 230181.6/20

All: 2056.044+/-0.365 χ^2/NDF : 570411.4/38

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2885.084 ± 1534.004 χ^2/NDF : 0.6/1

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

Left In: 4512.441 ± 2115.787 χ^2/NDF : 0.0/0

Left: 3445.787 ± 1241.930 χ^2/NDF : 1.0/2

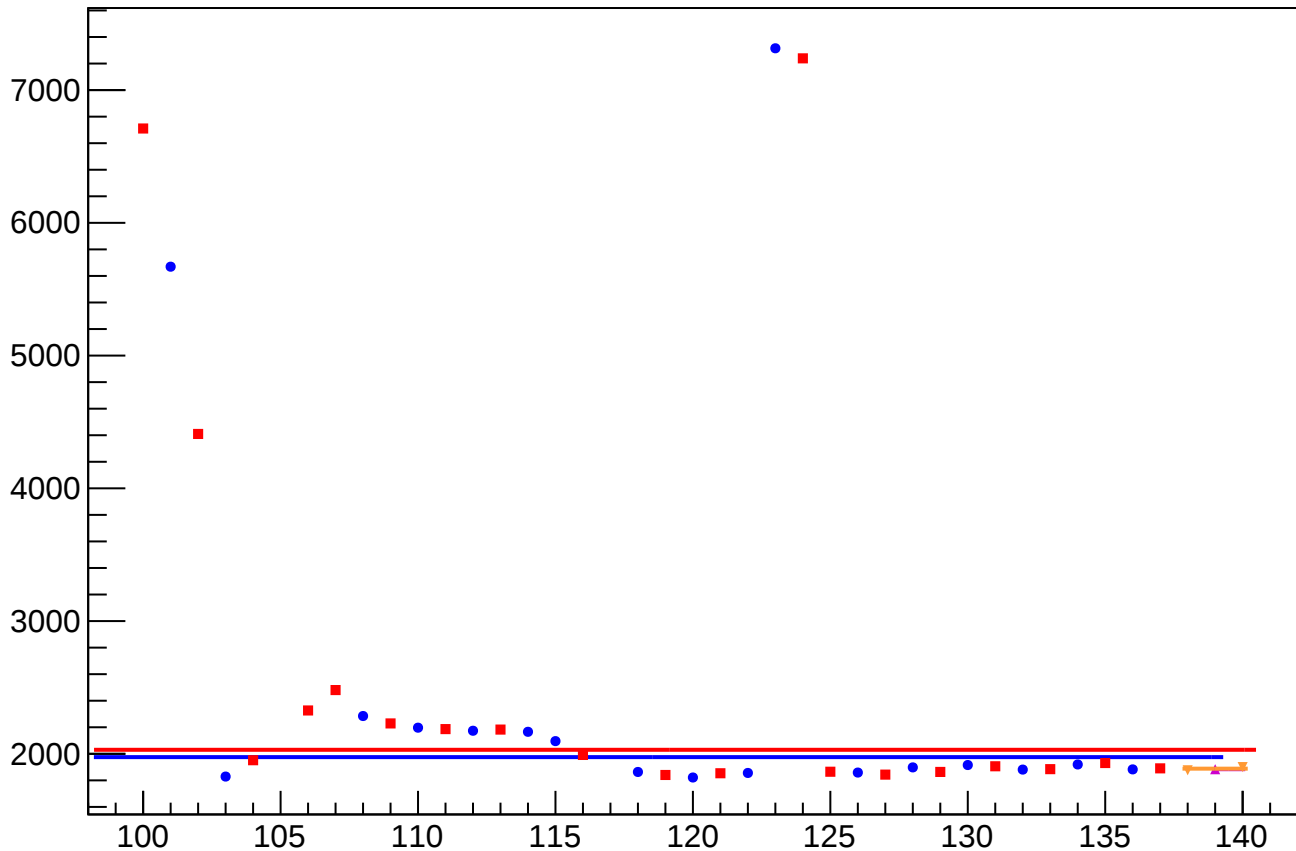
Right: 1907.721 ± 552.630 χ^2/NDF : 33.1/35

In: 2301.612 ± 733.182 χ^2/NDF : 16.1/17

Out: 2035.943 ± 696.316 χ^2/NDF : 19.2/20

All: 2161.931 ± 504.900 χ^2/NDF : 35.3/38

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1888.196+/-1.085 χ^2/NDF :123.1/1

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

Left In: 1883.987+/-1.496 χ^2/NDF :0.0/0

Left: 1886.746+/-0.878 χ^2/NDF : 128.3/2

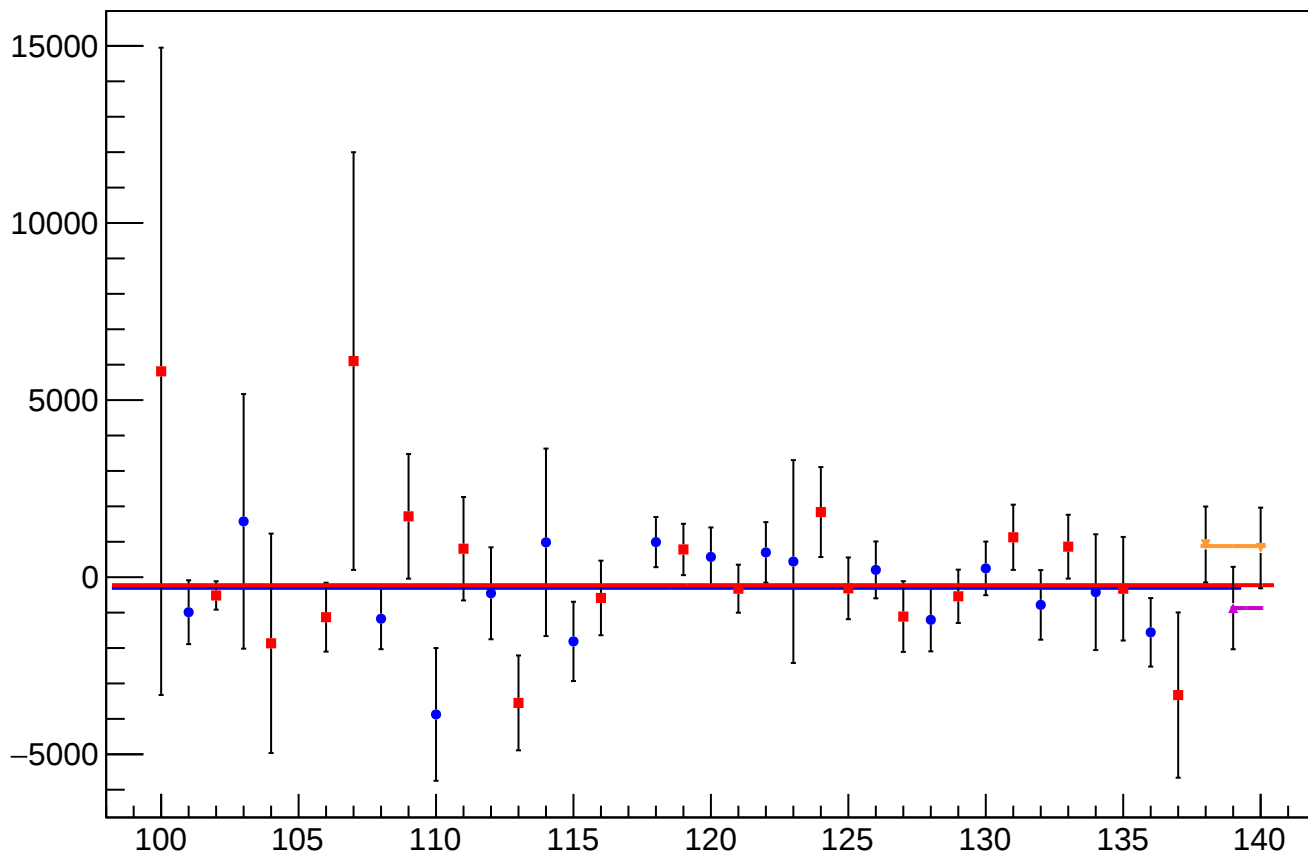
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1964.167+/-0.518 χ^2/NDF :603095.8/17

Out: 2001.054+/-0.492 χ^2/NDF :617681.2/20

All: 1983.561+/-0.357 χ^2/NDF : 1223438.7/38

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 878.154 ± 779.874 χ^2/NDF : 0.0/1

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

Left In: -871.120 ± 1163.851 χ^2/NDF : 0.0/0

Left: 336.102 ± 647.872 χ^2/NDF : 1.6/2

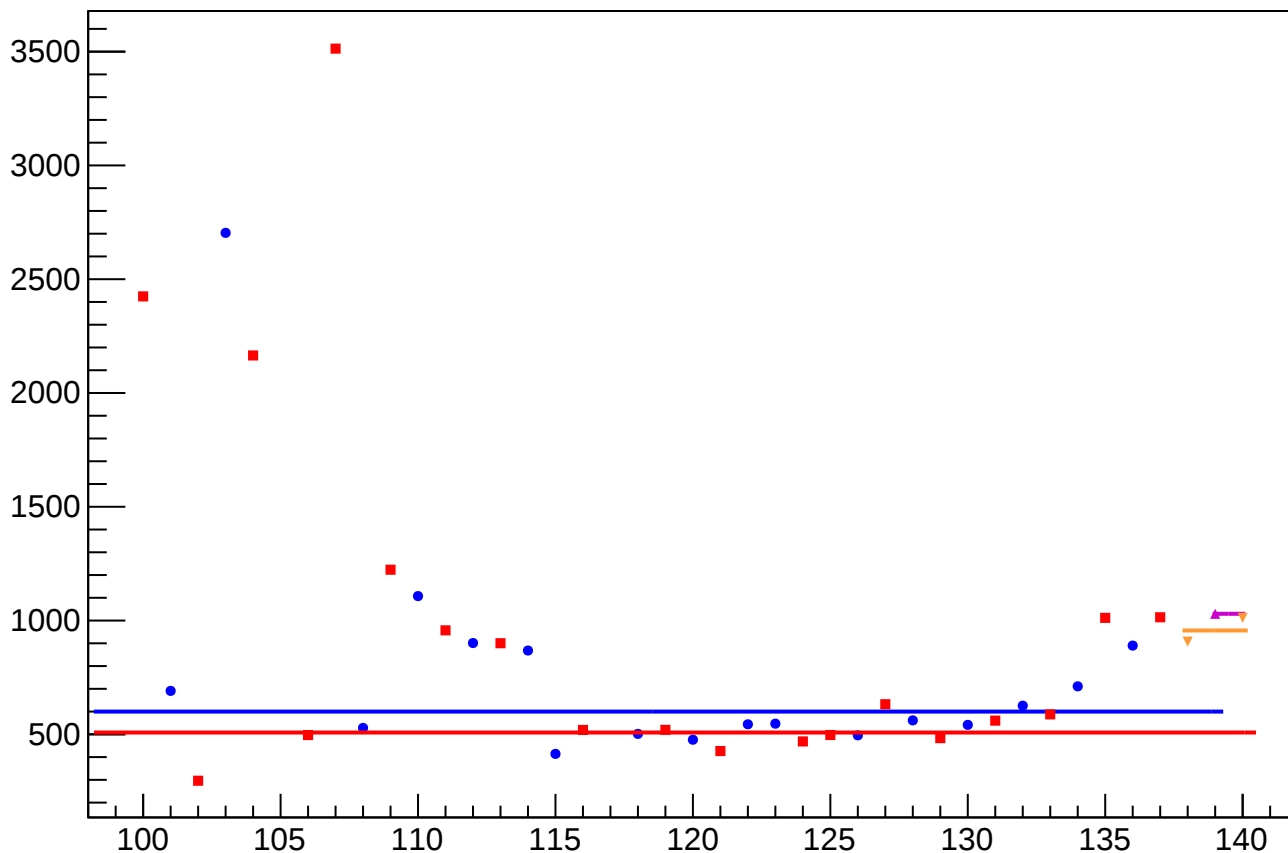
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -324.531 ± 241.258 χ^2/NDF : 17.6/17

Out: -147.101 ± 207.773 χ^2/NDF : 24.1/20

All: -222.658 ± 157.437 χ^2/NDF : 42.0/38

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 956.396+/-0.551 χ^2/NDF :8996.0/1

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

Left In: 1029.703+/-0.823 χ^2/NDF :0.0/0

Left: 979.112+/-0.458 χ^2/NDF : 14471.9/2

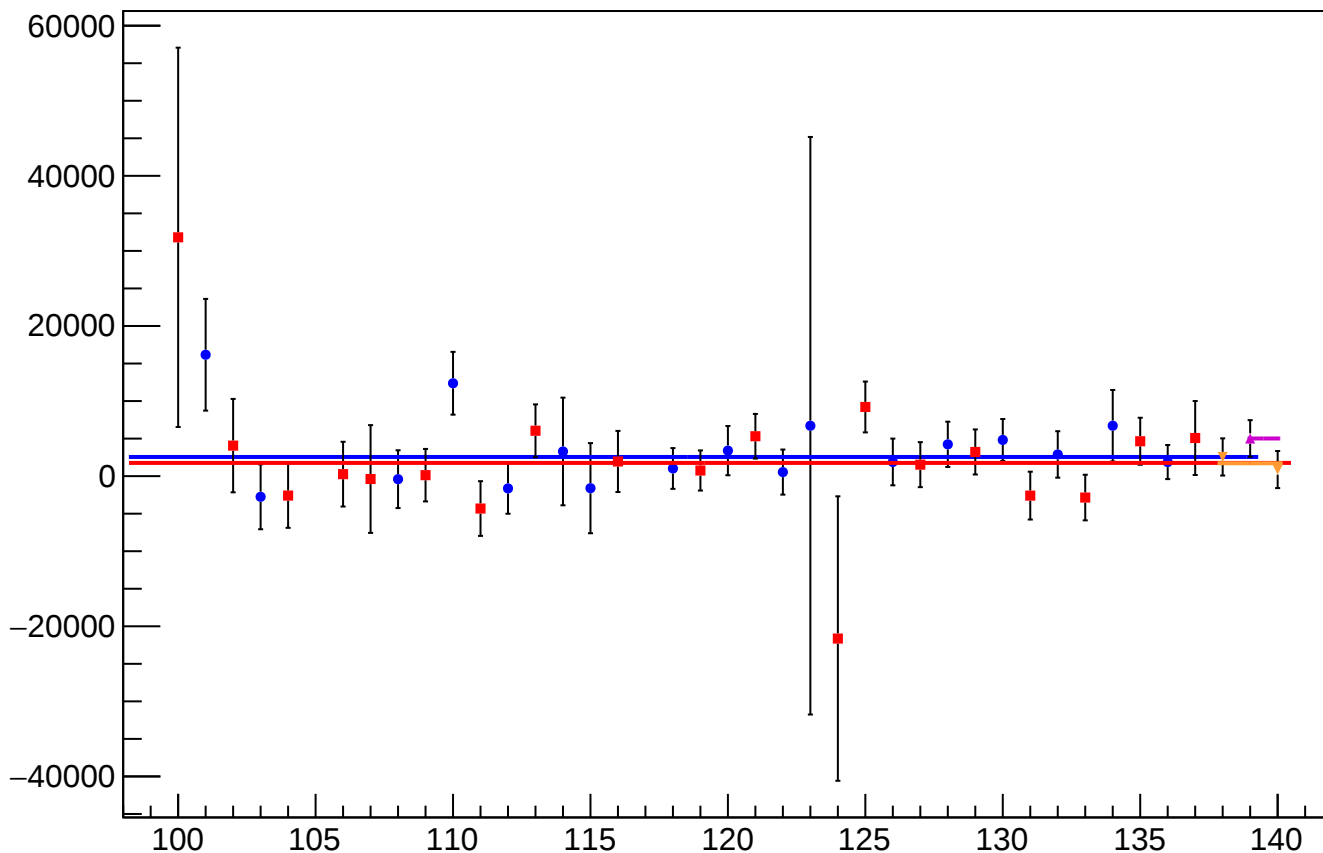
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 618.420+/-0.171 χ^2/NDF :1642020.5/17

Out: 539.773+/-0.147 χ^2/NDF :3472265.4/20

All: 573.264+/-0.111 χ^2/NDF : 5236313.2/38

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1714.336 $\pm$ 1748.506 χ^2 /NDF:0.2/1

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

Left In: 5014.707 $\pm$ 2444.379 χ^2 /NDF:0.0/0

Left: 2831.457 $\pm$ 1422.124 χ^2 /NDF: 1.4/2

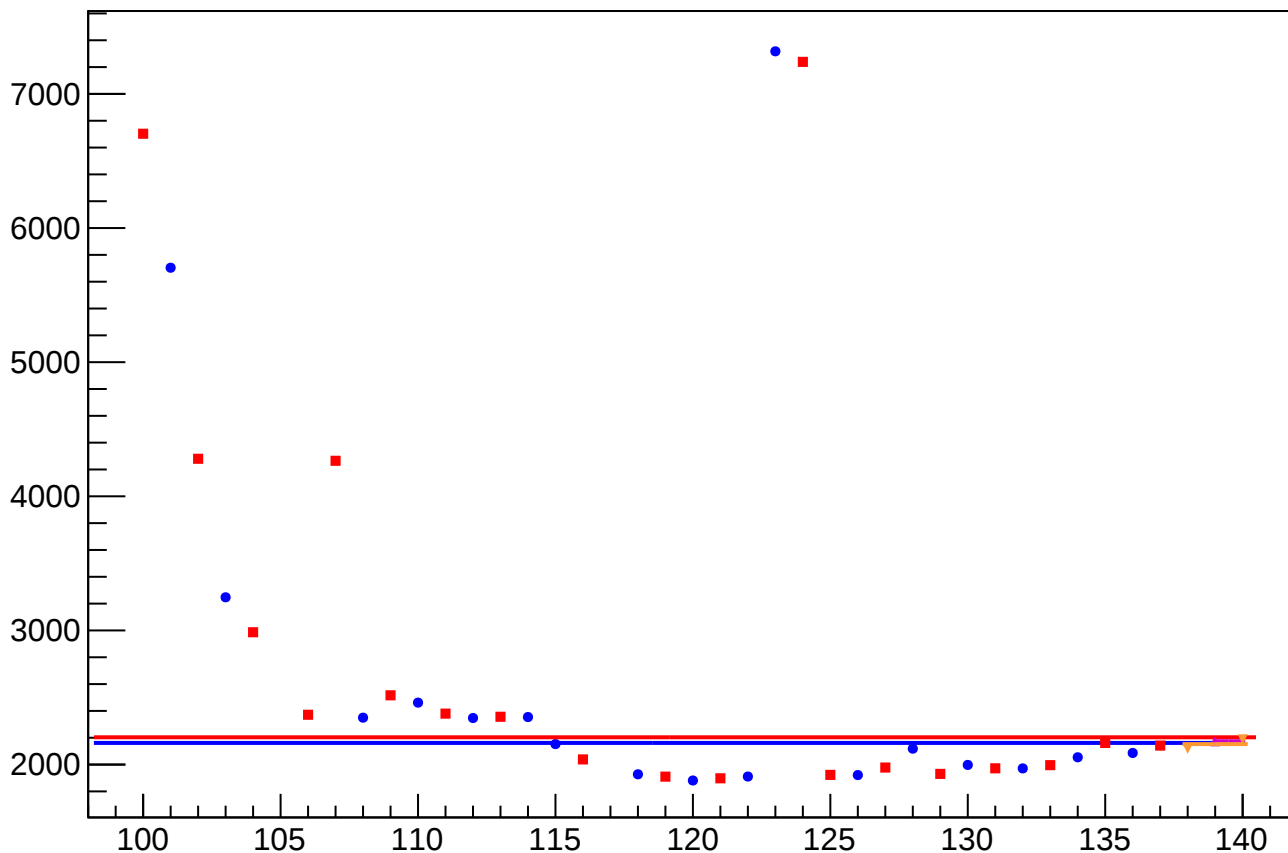
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2824.070 $\pm$ 810.336 χ^2 /NDF:16.6/17

Out: 1752.404 $\pm$ 767.851 χ^2 /NDF:21.2/20

All: 2259.408 $\pm$ 557.367 χ^2 /NDF: 38.7/38

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2152.613+/-1.236 χ^2/NDF :809.7/1

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

Left In: 2173.472+/-1.728 χ^2/NDF :0.0/0

Left: 2159.673+/-1.006 χ^2/NDF : 906.0/2

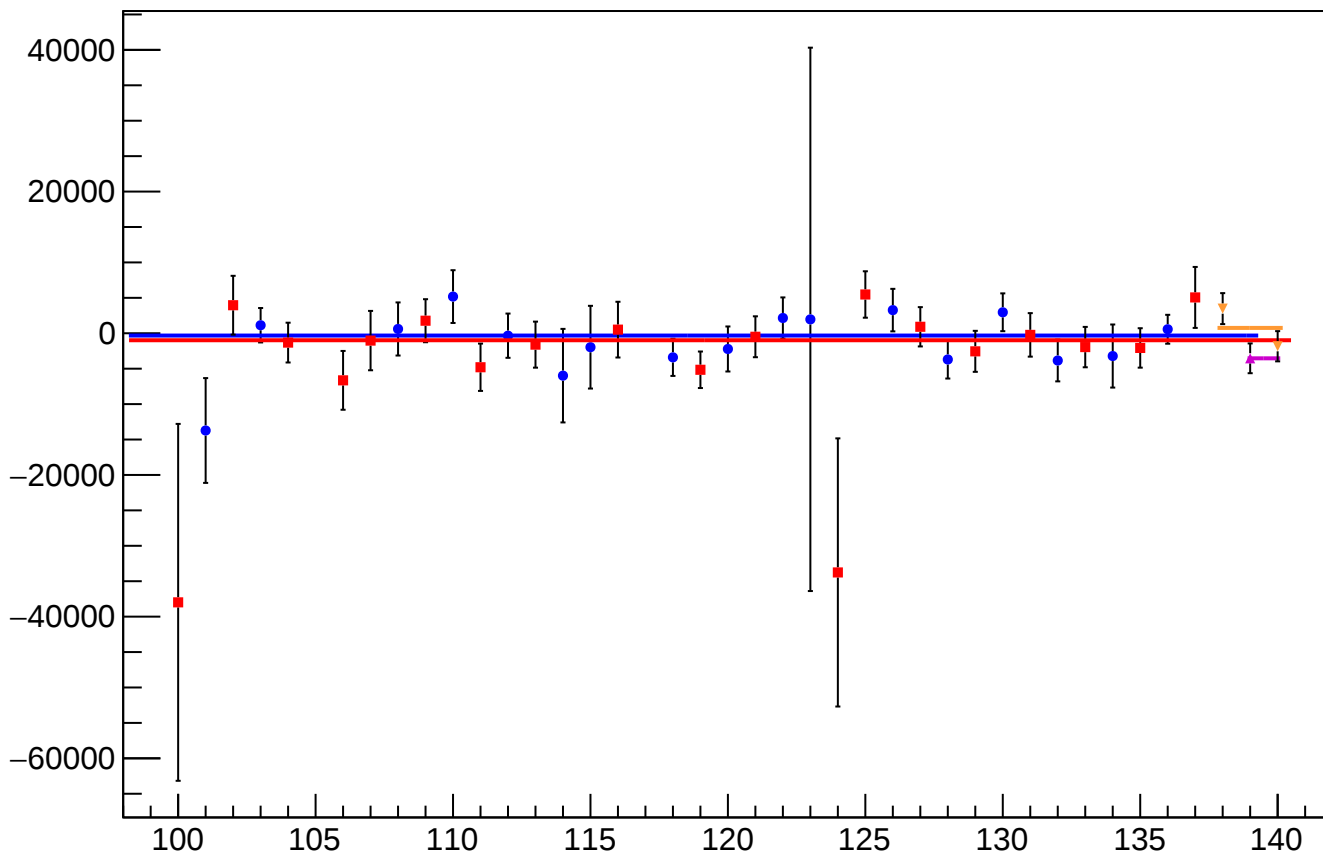
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2162.743+/-0.573 χ^2/NDF :711296.6/17

Out: 2193.559+/-0.543 χ^2/NDF :799561.8/20

All: 2178.980+/-0.394 χ^2/NDF : 1512382.4/38

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 754.718 ± 1527.078 $\chi^2/\text{NDF}: 3.0/1$

Right Out: -985.900 ± 769.924 $\chi^2/\text{NDF}: 20.4/18$

Left In: -3537.894 ± 2101.265 $\chi^2/\text{NDF}: 0.0/0$

Left: -728.877 ± 1235.315 $\chi^2/\text{NDF}: 5.8/2$

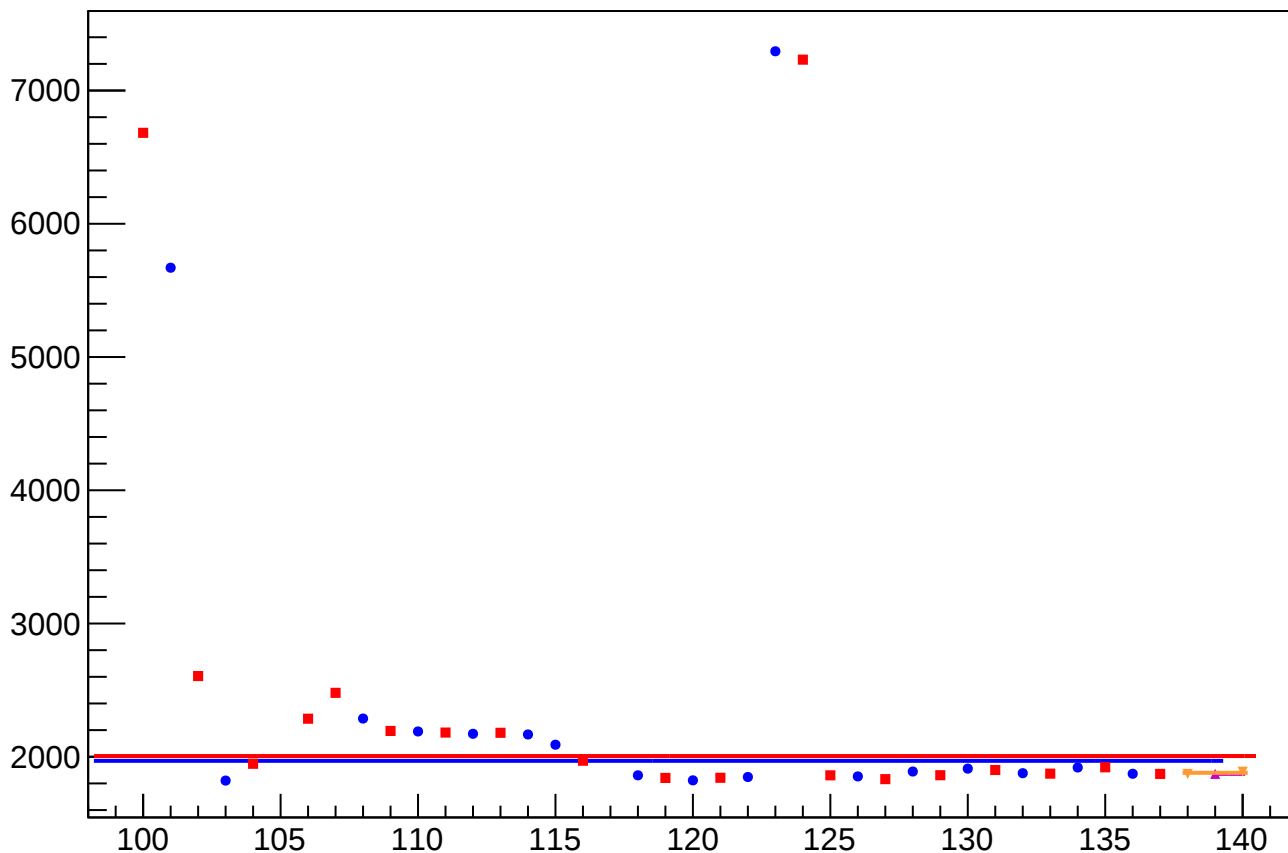
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -712.560 ± 730.840 $\chi^2/\text{NDF}: 17.8/17$

Out: -633.115 ± 687.487 $\chi^2/\text{NDF}: 24.4/20$

All: -670.411 ± 500.752 $\chi^2/\text{NDF}: 42.2/38$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1879.654+/-1.080 χ^2/NDF : 60.4/1

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

Left In: 1871.584+/-1.486 χ^2/NDF : 0.0/0

Left: 1876.865+/-0.873 χ^2/NDF : 79.7/2

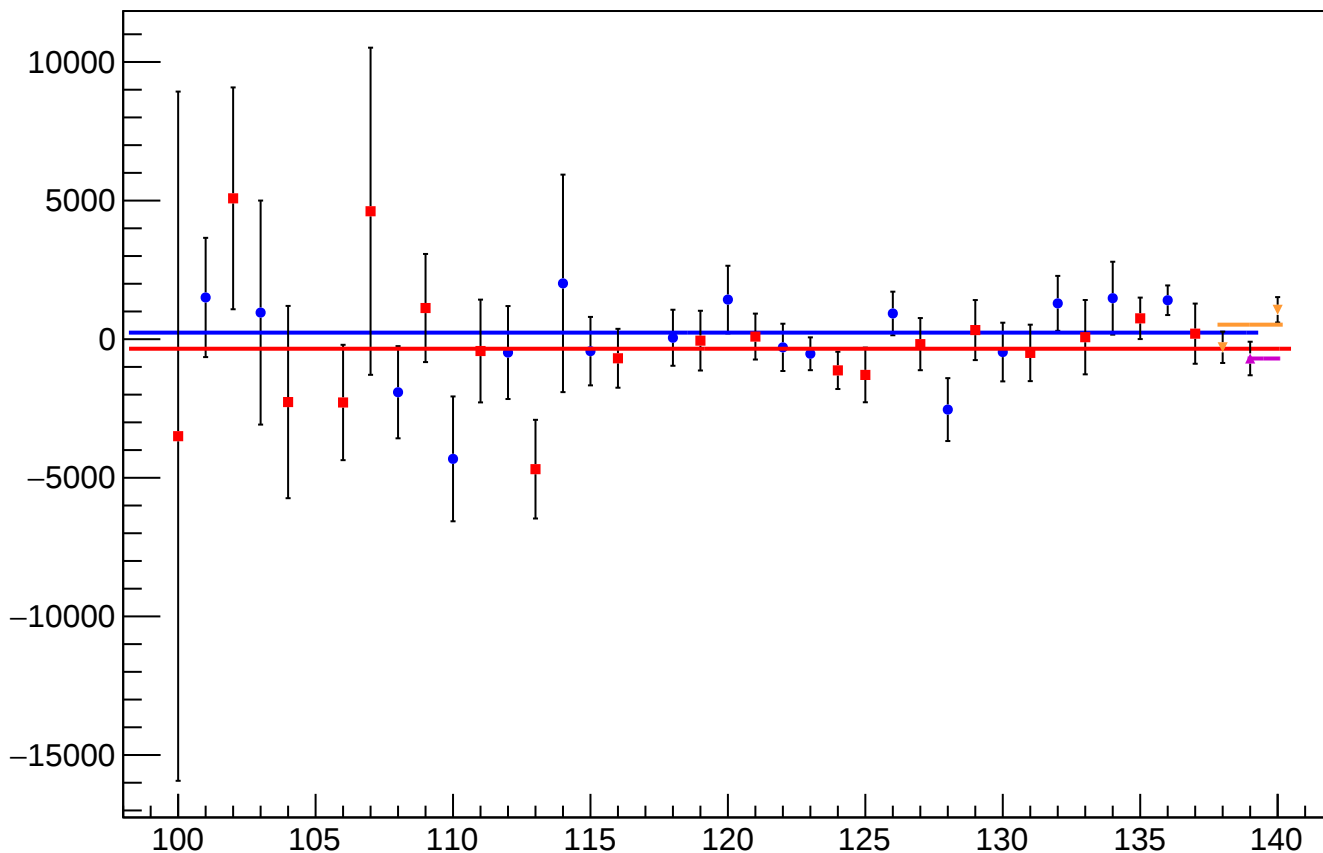
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1957.650+/-0.517 χ^2/NDF : 606627.5/17

Out: 1980.035+/-0.486 χ^2/NDF : 370543.9/20

All: 1969.526+/-0.354 χ^2/NDF : 978166.8/38

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 524.055 $\pm$ 355.826 χ^2 /NDF:3.5/1

Right Out: -344.268 $\pm$ 268.517 χ^2 /NDF: 16.0/18

Left In: -696.552 $\pm$ 604.978 χ^2 /NDF:0.0/0

Left: 210.332 $\pm$ 306.708 χ^2 /NDF: 6.5/2

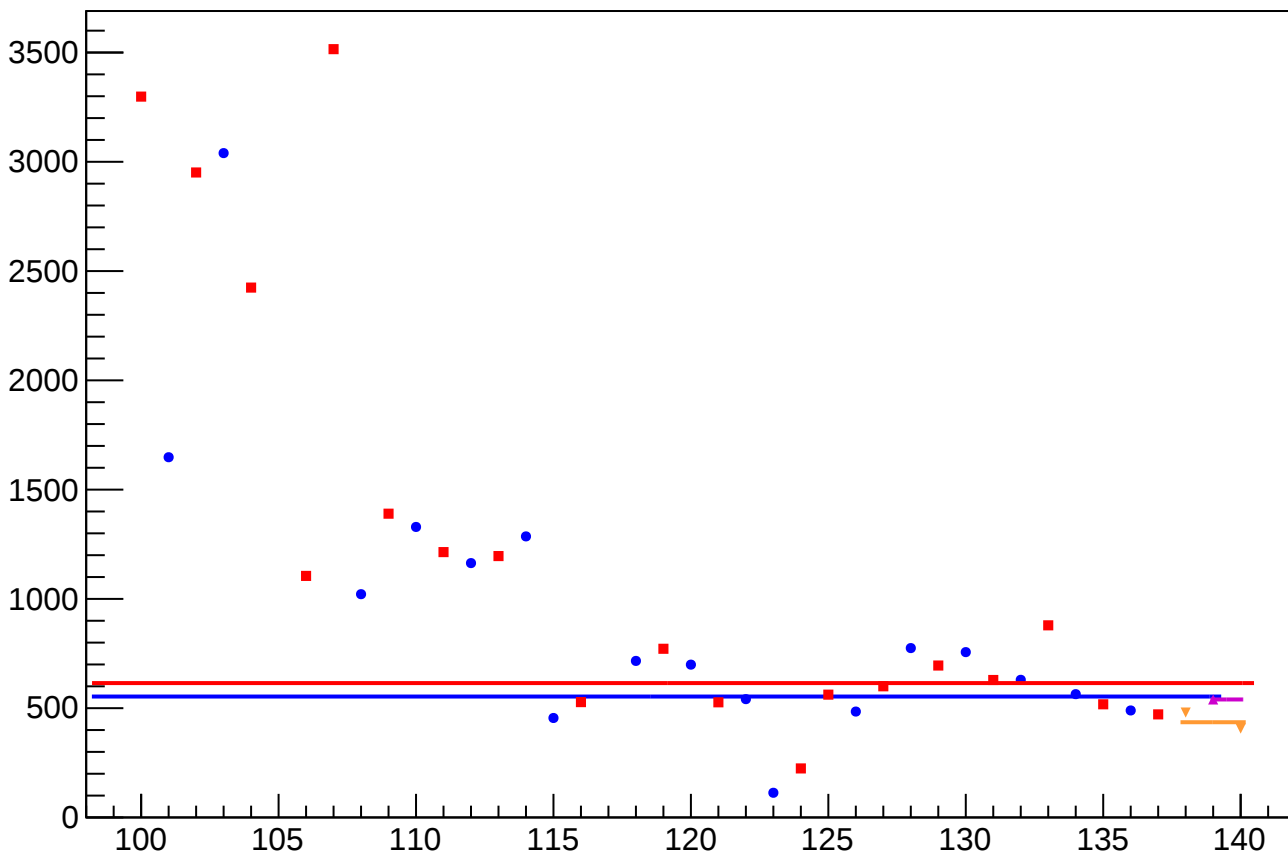
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 102.015 $\pm$ 229.946 χ^2 /NDF:25.9/17

Out: -29.205 $\pm$ 214.336 χ^2 /NDF:23.2/20

All: 31.801 $\pm$ 156.787 χ^2 /NDF: 49.3/38

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 435.707+/-0.252 χ^2/NDF : 20358.9/1

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

Left In: 539.854+/-0.428 χ^2/NDF : 0.0/0

Left: 462.475+/-0.217 χ^2/NDF : 64396.4/2

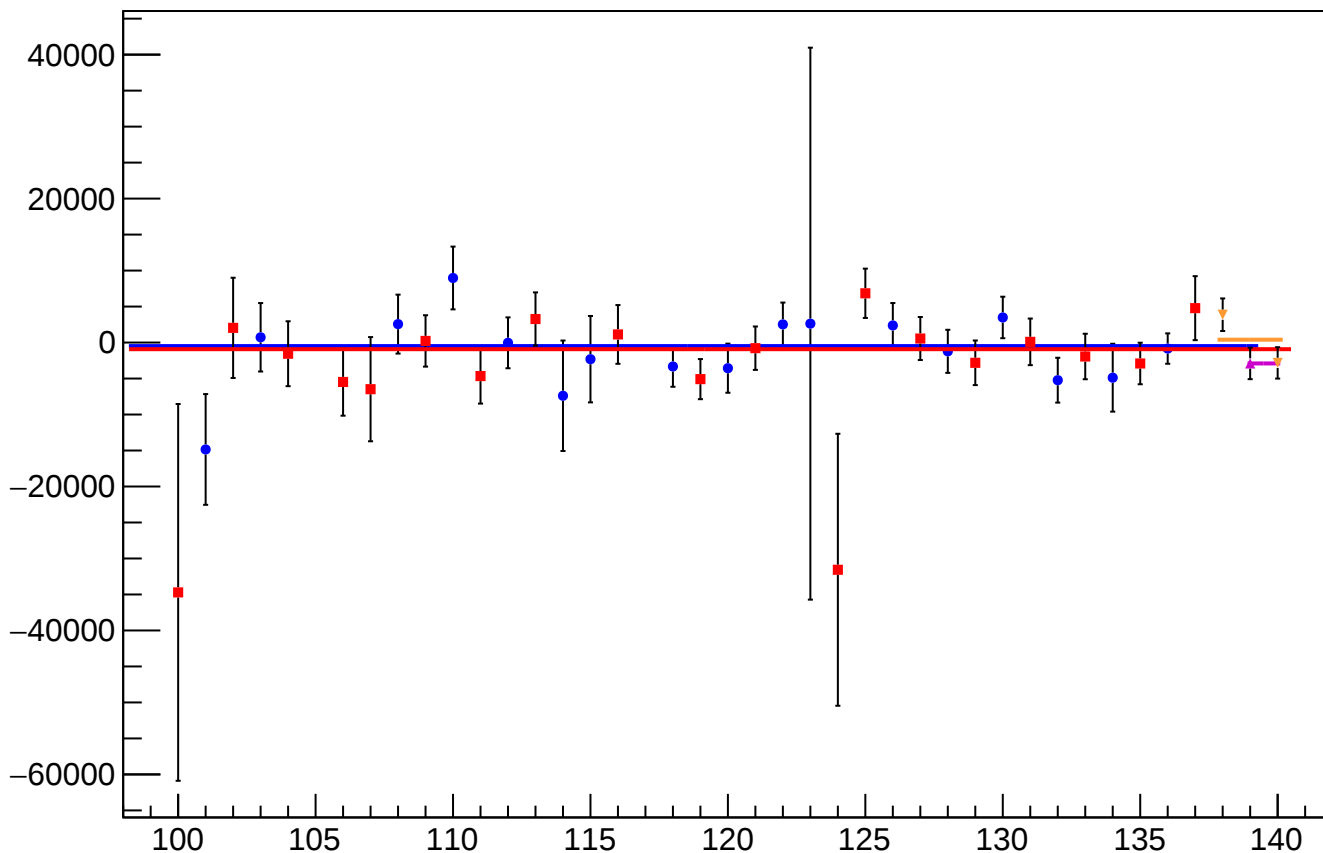
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 551.340+/-0.163 χ^2/NDF : 3413590.1/17

Out: 549.836+/-0.152 χ^2/NDF : 3912893.3/20

All: 550.536+/-0.111 χ^2/NDF : 7326529.2/38

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940 ± 867.988 $\chi^2/\text{NDF}: 18.6/16$

Left Out: 396.382 ± 1570.896 $\chi^2/\text{NDF}: 4.5/1$

Right Out: -921.907 ± 868.662 $\chi^2/\text{NDF}: 18.9/18$

Left In: -2902.124 ± 2184.301 $\chi^2/\text{NDF}: 0.0/0$

Left: -728.069 ± 1275.334 $\chi^2/\text{NDF}: 6.0/2$

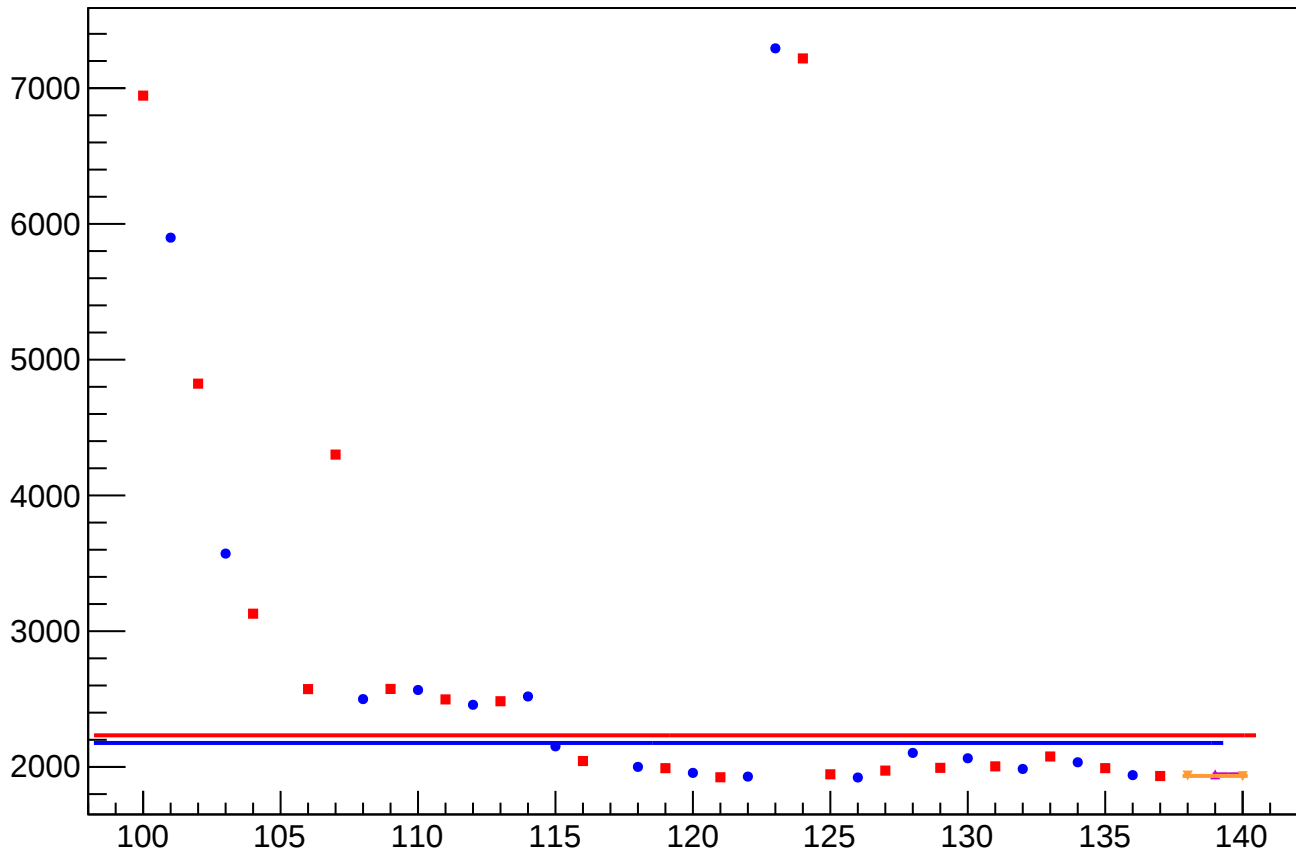
Right: -706.757 ± 613.998 $\chi^2/\text{NDF}: 37.6/35$

In: -820.624 ± 806.635 $\chi^2/\text{NDF}: 19.6/17$

Out: -613.200 ± 760.179 $\chi^2/\text{NDF}: 24.0/20$

All: -710.767 ± 553.222 $\chi^2/\text{NDF}: 43.7/38$

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746+/-0.614 χ^2/NDF : 802677.9/16

Left Out: 1933.868+/-1.111 χ^2/NDF : 4.1/1

Right Out: 2232.883+/-0.614 χ^2/NDF : 890552.7/18

Left In: 1945.709+/-1.545 χ^2/NDF : 0.0/0

Left: 1937.905+/-0.902 χ^2/NDF : 42.8/2

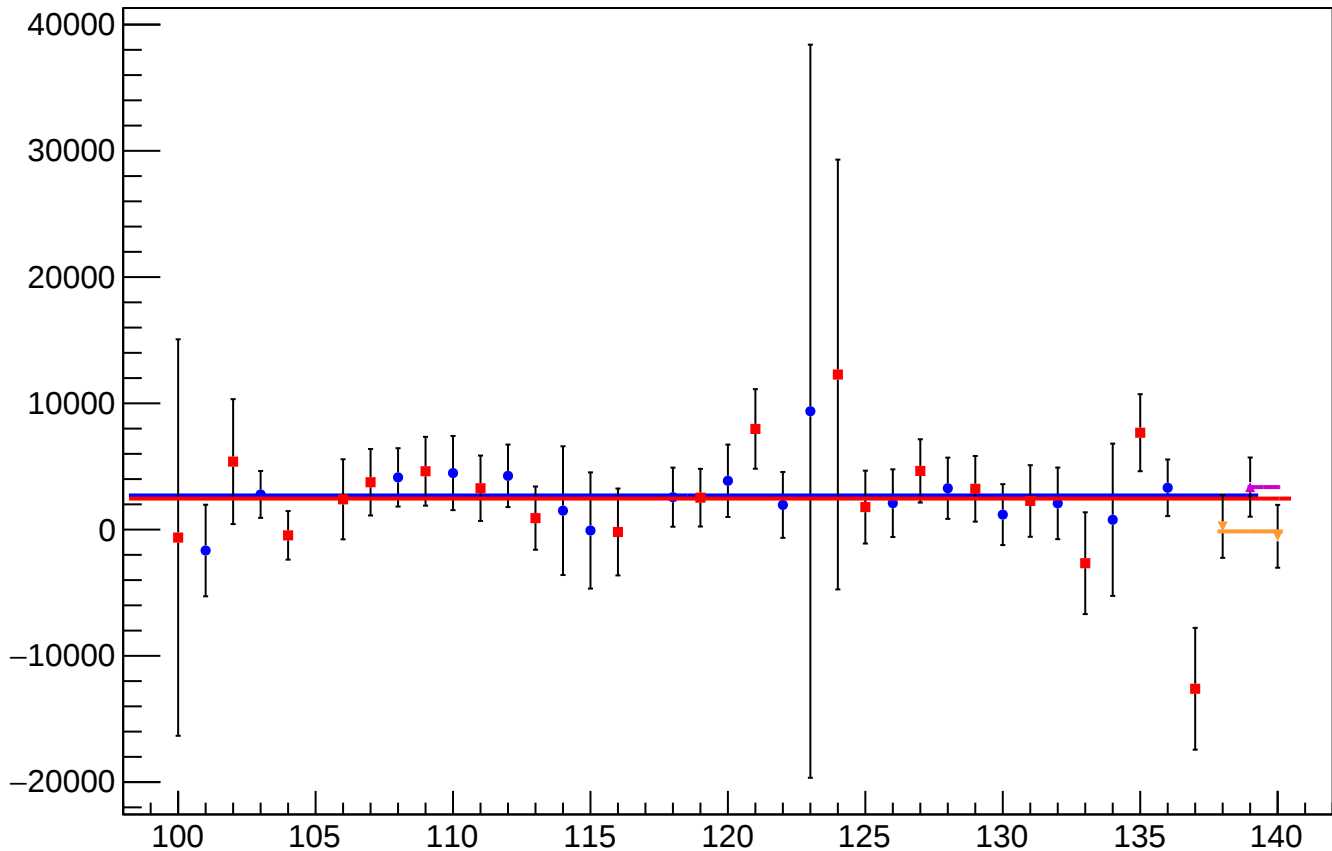
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 2145.239+/-0.570 χ^2/NDF : 822001.9/17

Out: 2162.862+/-0.538 χ^2/NDF : 946051.5/20

All: 2154.573+/-0.391 χ^2/NDF : 1768559.0/38

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -139.633 $\pm$ 1760.693 χ^2 /NDF:0.0/1

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

Left In: 3367.255 $\pm$ 2343.264 χ^2 /NDF:0.0/0

Left: 1125.829 $\pm$ 1407.618 χ^2 /NDF: 1.5/2

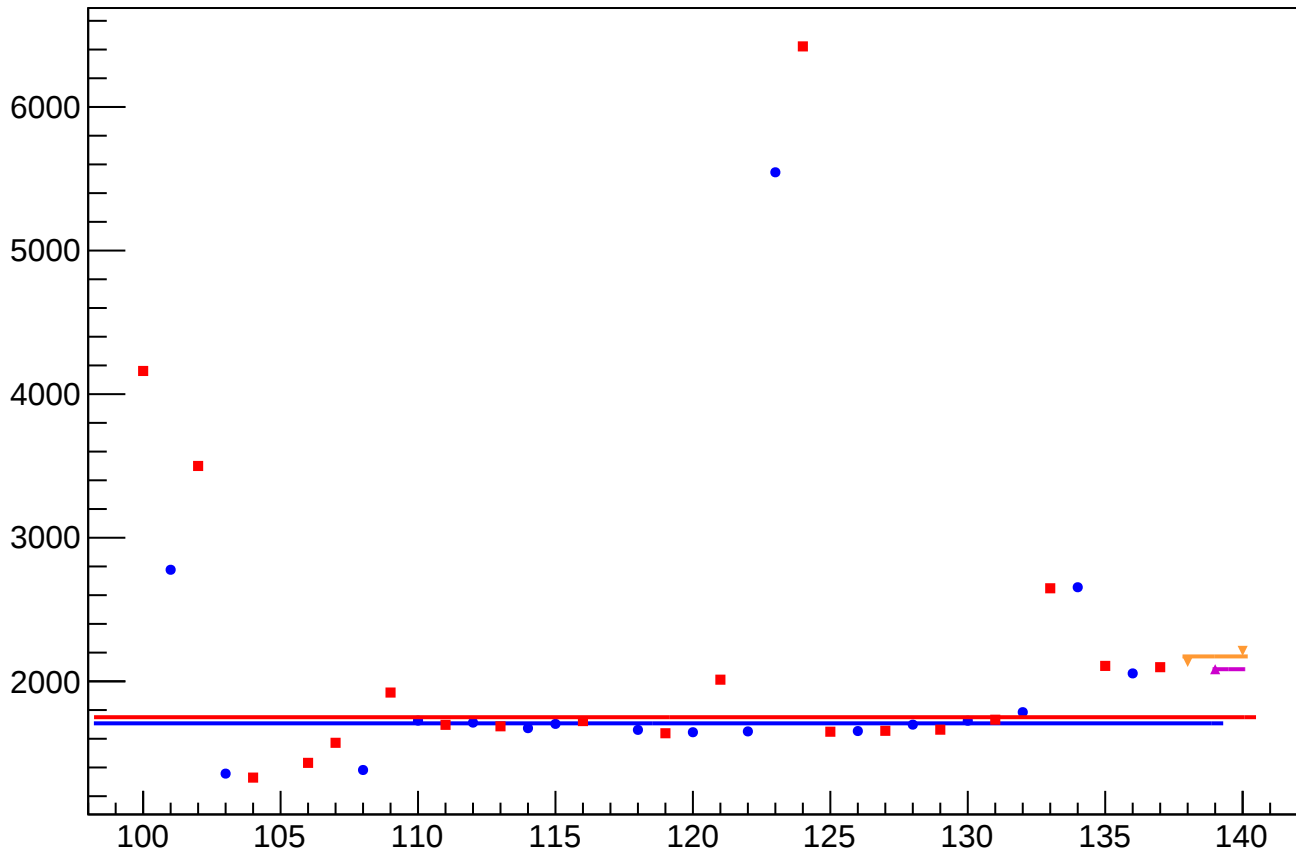
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2754.212 $\pm$ 647.647 χ^2 /NDF:4.1/17

Out: 2119.196 $\pm$ 636.469 χ^2 /NDF:25.2/20

All: 2431.176 $\pm$ 453.952 χ^2 /NDF: 29.8/38

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2173.381+/-1.245 χ^2/NDF : 962.1/1

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

Left In: 2084.355+/-1.657 χ^2/NDF : 0.0/0

Left: 2141.256+/-0.995 χ^2/NDF : 2807.2/2

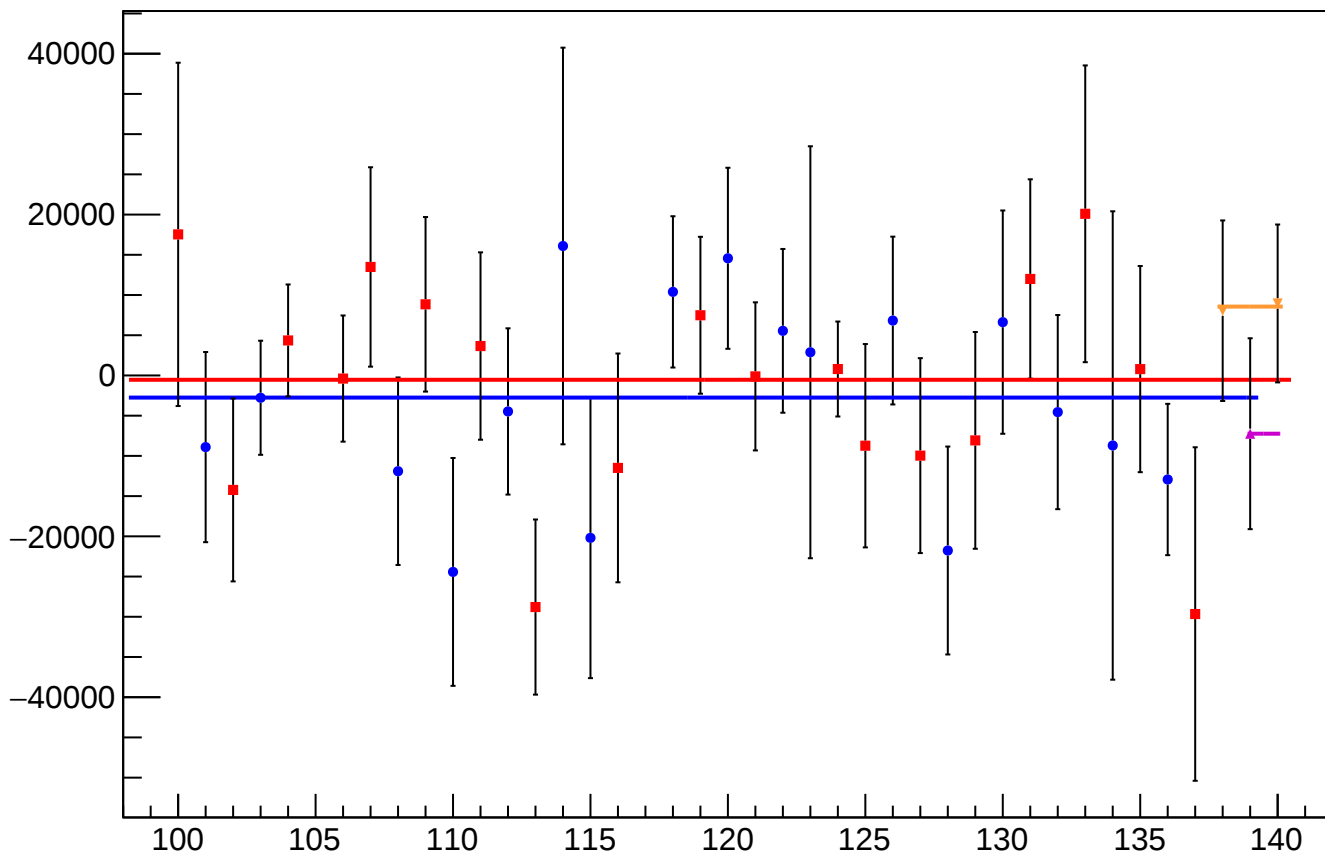
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1736.183+/-0.458 χ^2/NDF : 469973.0/17

Out: 1805.398+/-0.450 χ^2/NDF : 847946.0/20

All: 1771.401+/-0.321 χ^2/NDF : 1329542.0/38

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: 8559.899+/-7387.308 χ^2/NDF : 0.0/1

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

Left In: -7241.873+/-11866.367 χ^2/NDF : 0.0/0

Left: 4146.314+/-6271.344 χ^2/NDF : 1.3/2

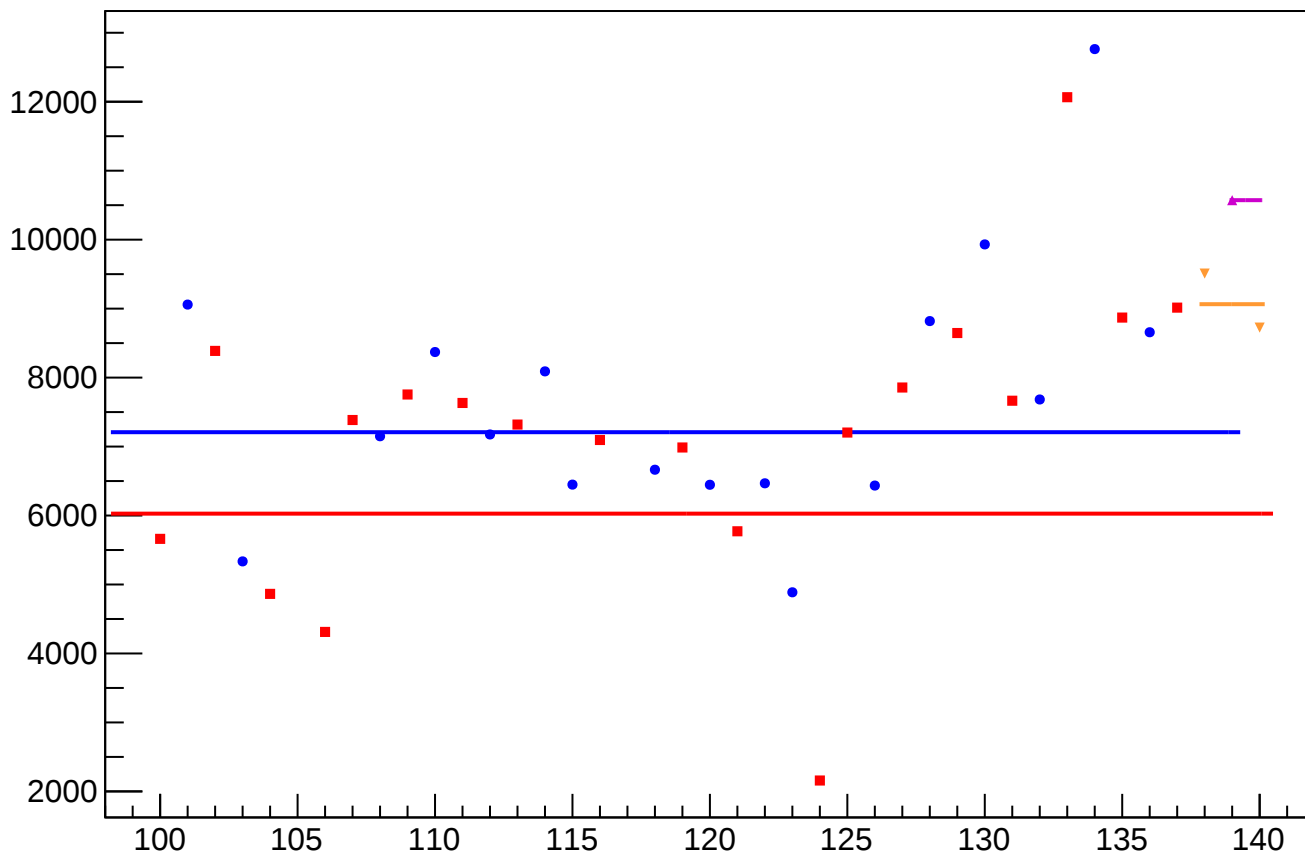
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -2994.429+/-2764.205 χ^2/NDF : 14.7/17

Out: 346.591+/-2304.016 χ^2/NDF : 19.8/20

All: -1023.039+/-1769.833 χ^2/NDF : 35.4/38

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 9064.461+/-5.224 χ^2/NDF : 5521.2/1

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

Left In: 10572.632+/-8.391 χ^2/NDF : 0.0/0

Left: 9485.708+/-4.435 χ^2/NDF : 28804.4/2

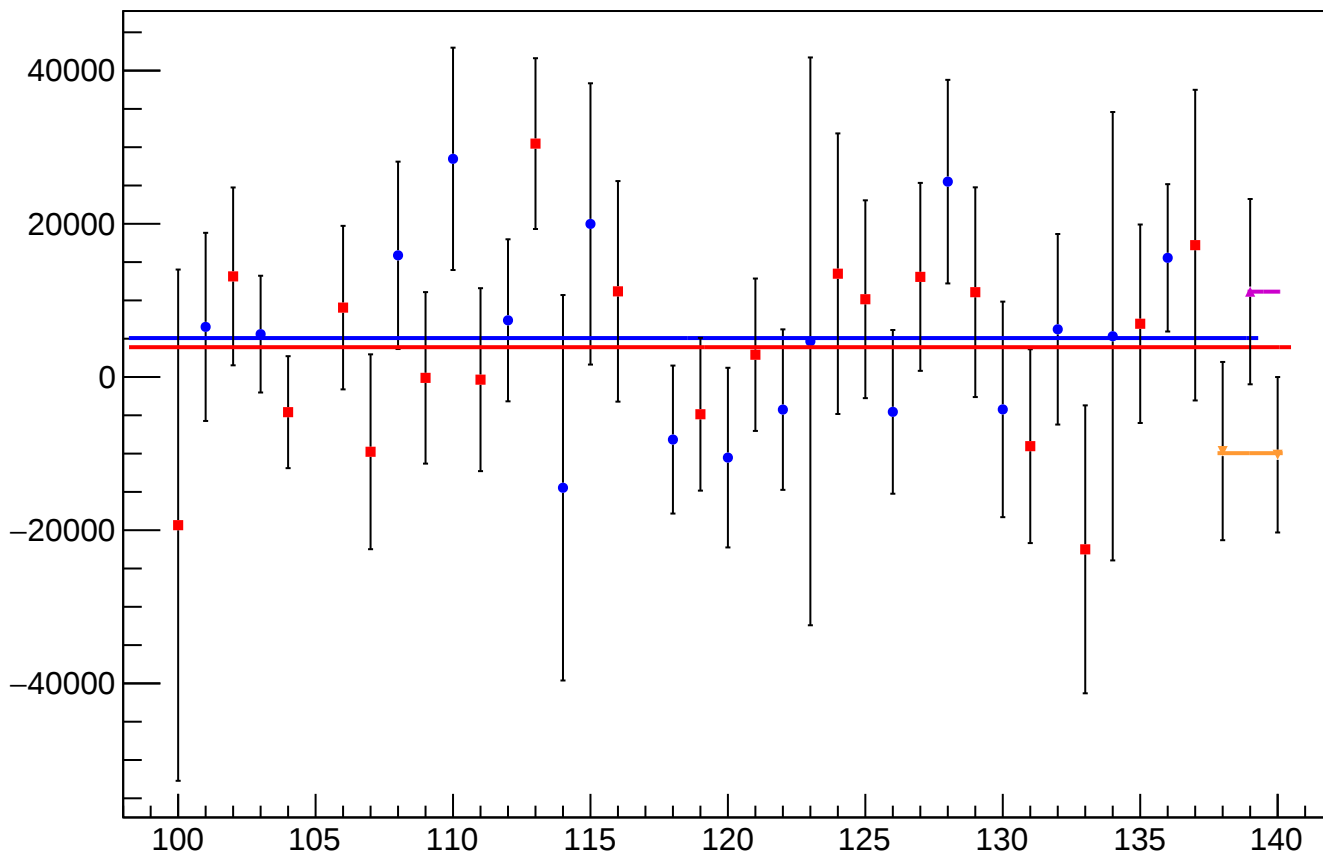
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7390.903+/-1.955 χ^2/NDF : 645787.3/17

Out: 6322.837+/-1.629 χ^2/NDF : 2108831.9/20

All: 6760.684+/-1.251 χ^2/NDF : 2930808.3/38

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -9942.653+/-7647.280 χ^2/NDF : 0.0/1

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

Left In: 11143.000+/-12095.576 χ^2/NDF : 0.0/0

Left: -3921.145+/-6463.767 χ^2/NDF : 2.2/2

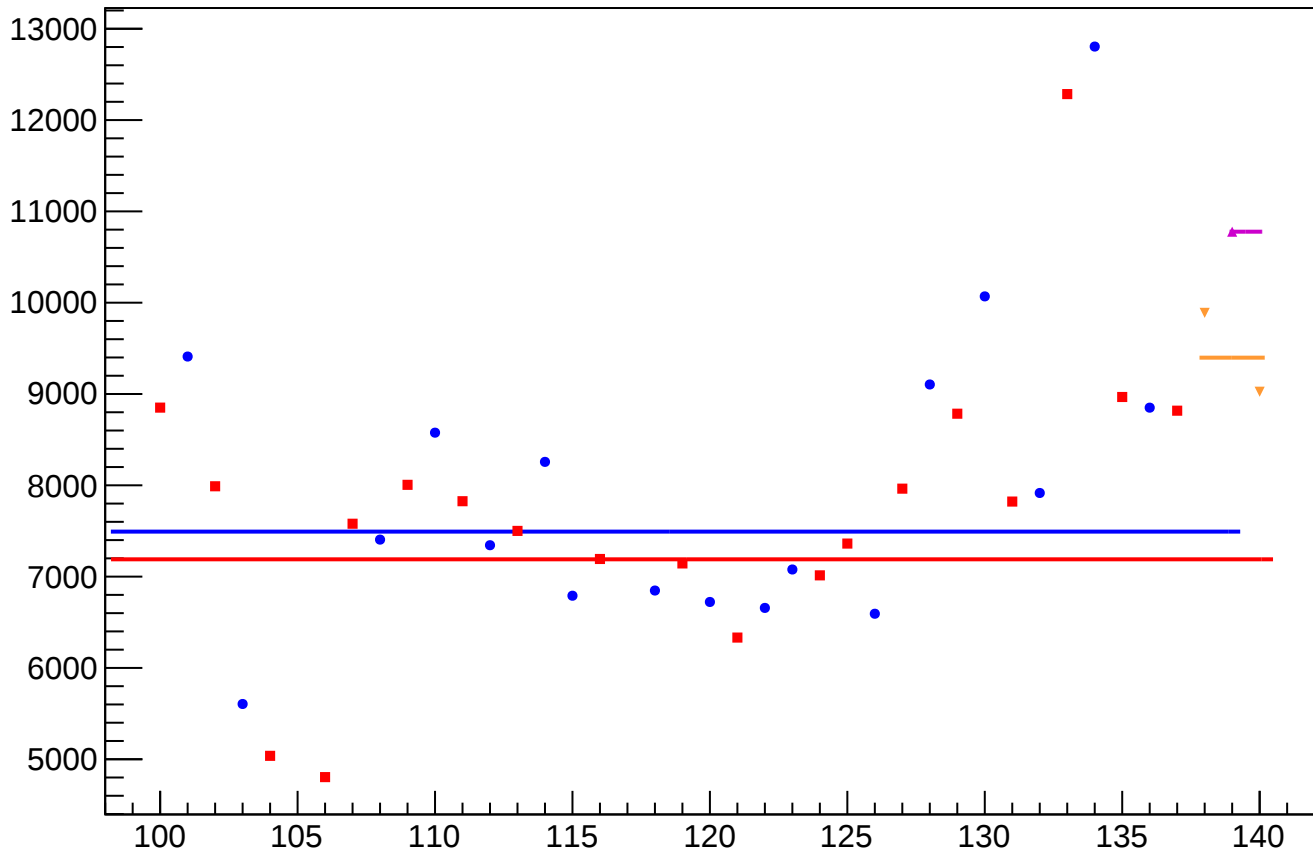
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 5425.906+/-2870.801 χ^2/NDF : 14.2/17

Out: 2266.581+/-2621.237 χ^2/NDF : 18.6/20

All: 3702.976+/-1935.722 χ^2/NDF : 33.4/38

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 9398.007+/-5.407 χ^2/NDF : 6261.5/1

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 10777.508+/-8.553 χ^2/NDF : 0.0/0

Left: 9791.956+/-4.571 χ^2/NDF : 24847.1/2

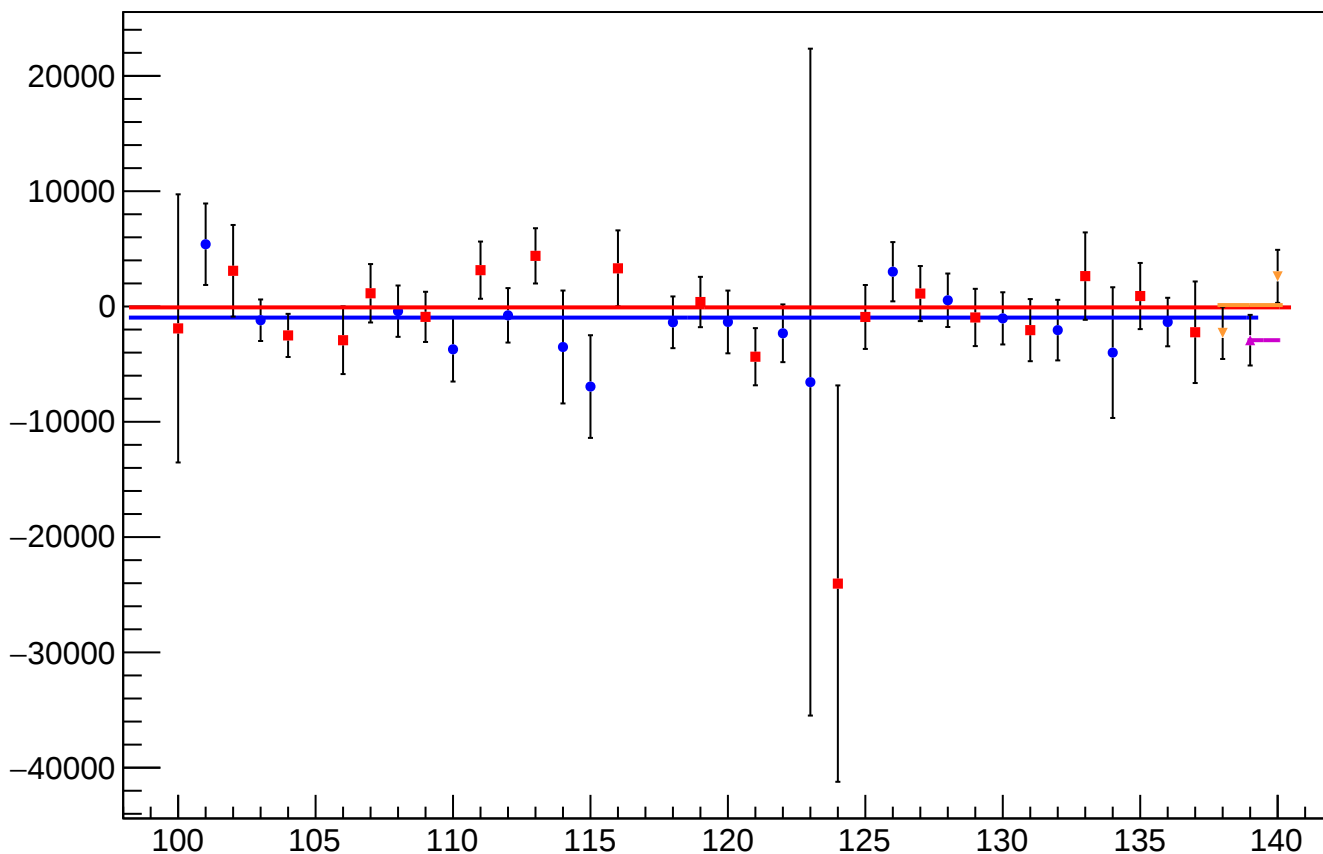
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 7677.936+/-2.030 χ^2/NDF : 576258.9/17

Out: 7448.921+/-1.853 χ^2/NDF : 714367.8/20

All: 7553.033+/-1.369 χ^2/NDF : 1297568.7/38

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 123.529+/-1613.168 χ^2/NDF : 2.3/1

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

Left In: -2922.189+/-2195.337 χ^2/NDF : 0.0/0

Left: -944.391+/-1299.947 χ^2/NDF : 3.6/2

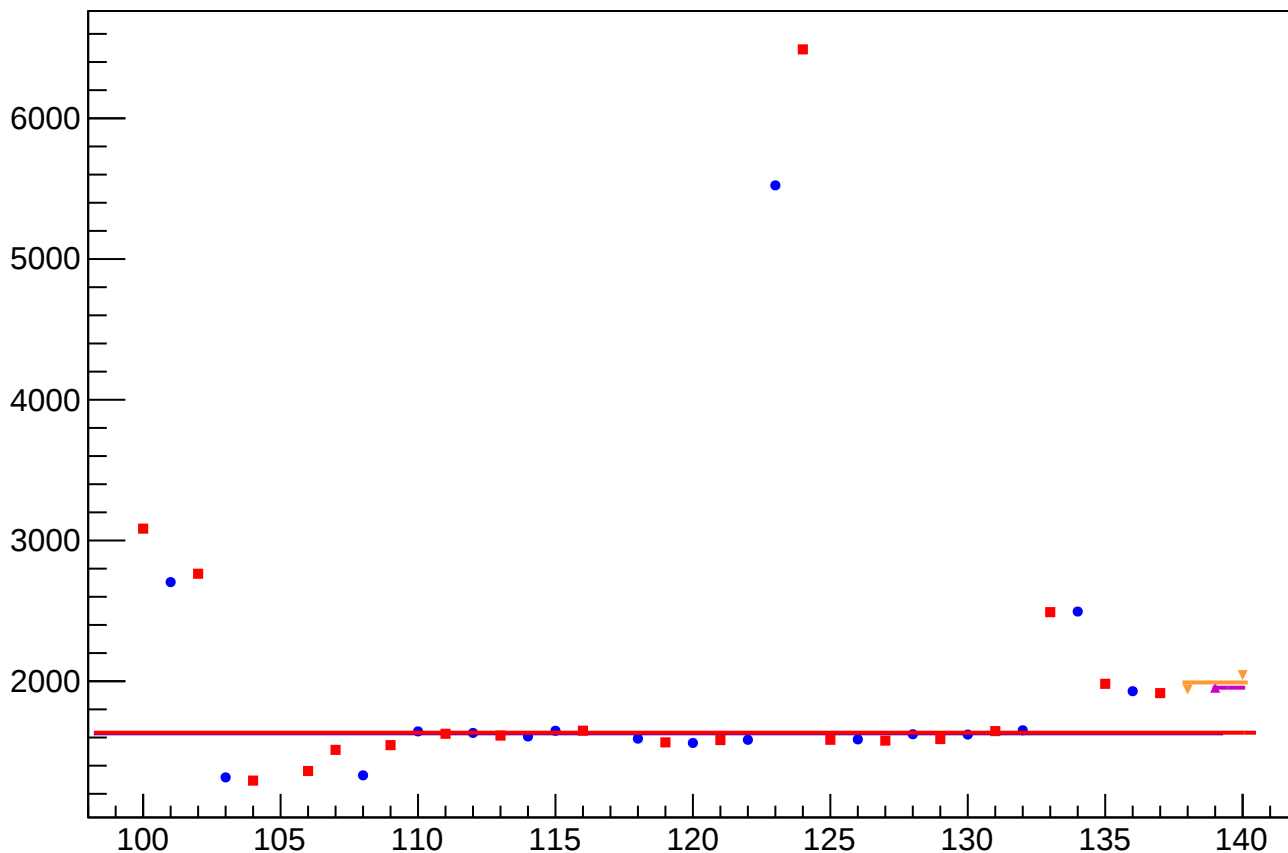
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -1117.381+/-617.098 χ^2/NDF : 10.8/17

Out: -49.989+/-589.648 χ^2/NDF : 19.1/20

All: -559.418+/-426.318 χ^2/NDF : 31.4/38

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.322+/-1.141 χ^2/NDF :1998.7/1

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

Left In: 1954.038+/-1.552 χ^2/NDF :0.0/0

Left: 1978.249+/-0.919 χ^2/NDF : 2373.3/2

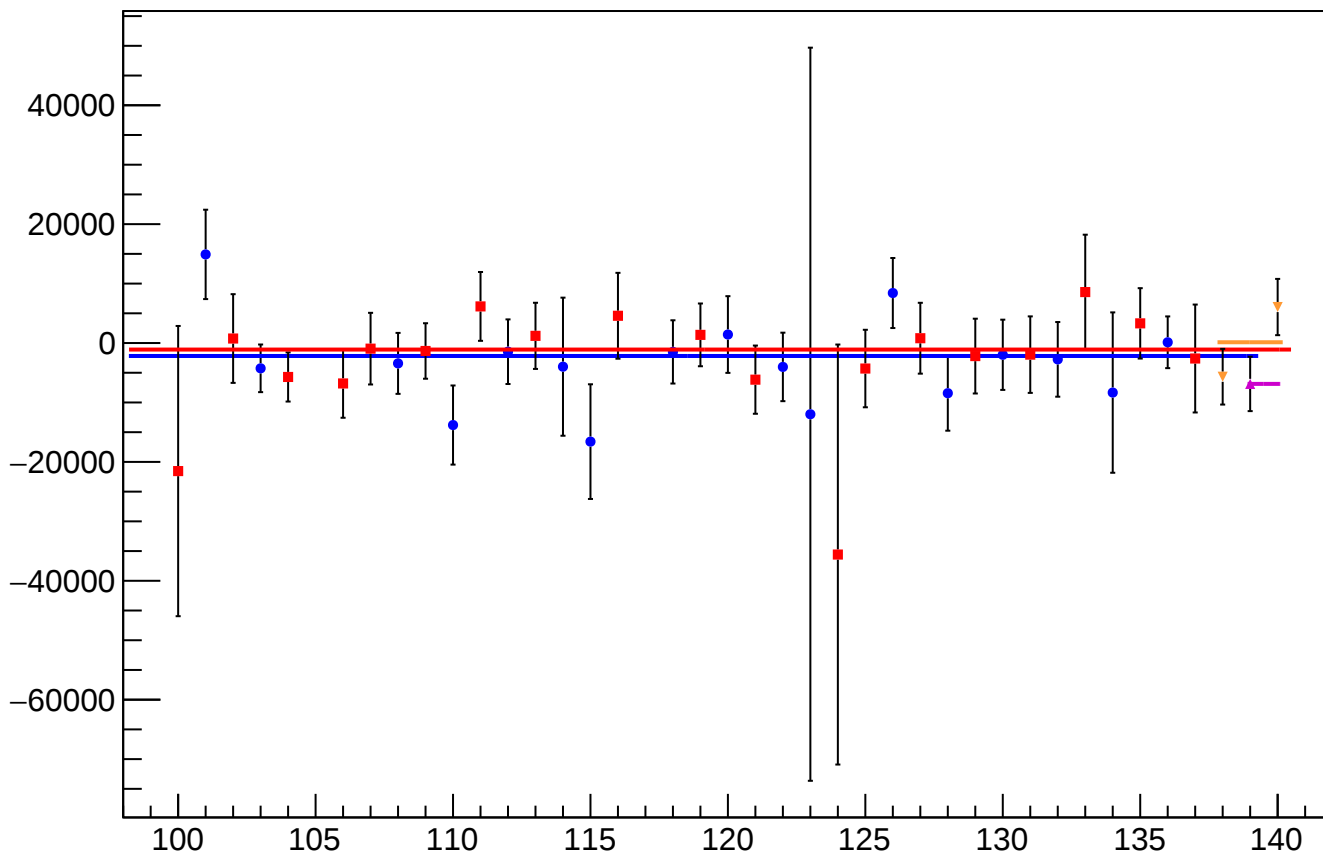
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1655.561+/-0.436 χ^2/NDF :448293.3/17

Out: 1681.963+/-0.417 χ^2/NDF :675542.3/20

All: 1669.363+/-0.301 χ^2/NDF : 1125749.4/38

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 131.109+/-3329.085 χ^2/NDF : 3.1/1

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

Left In: -6874.772+/-4578.669 χ^2/NDF : 0.0/0

Left: -2291.732+/-2692.590 χ^2/NDF : 4.6/2

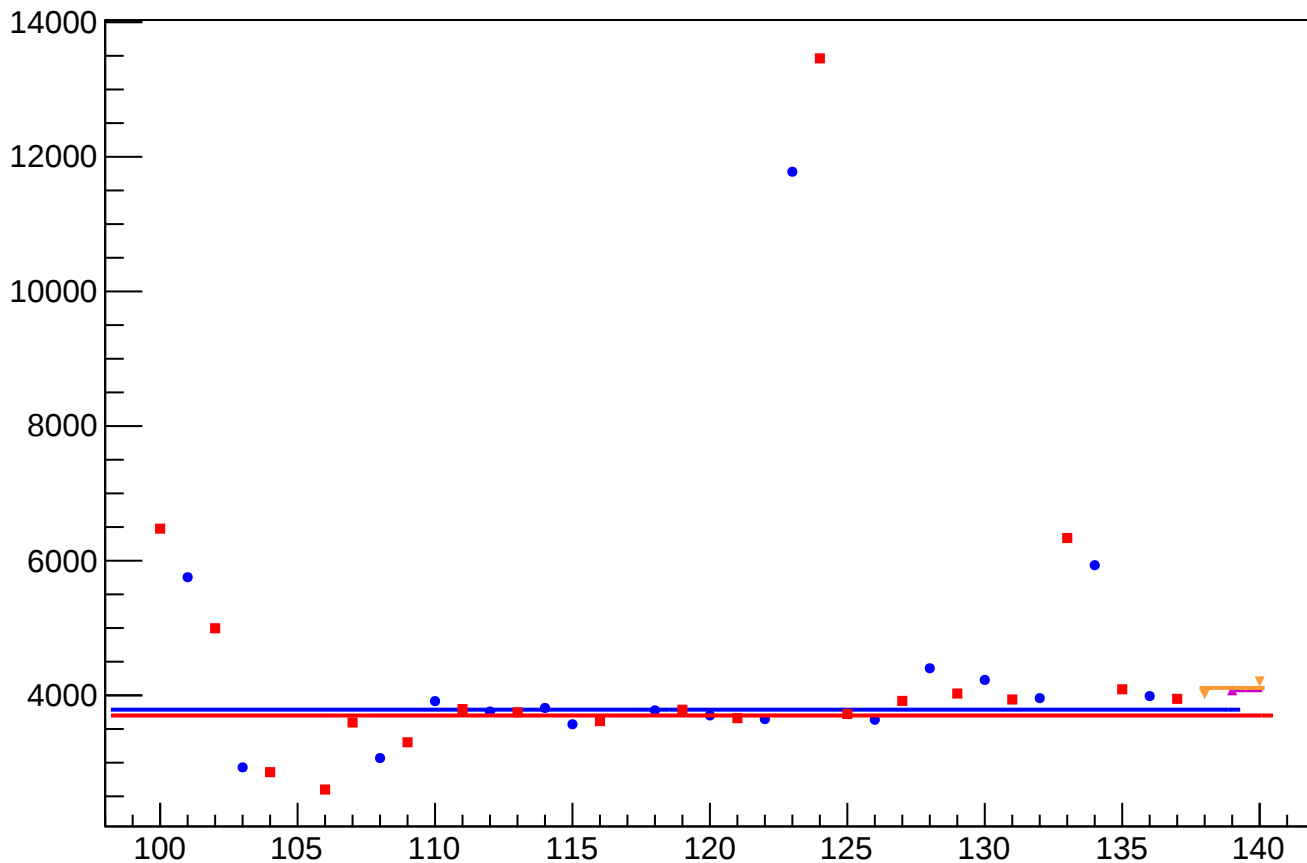
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -2630.534+/-1419.466 χ^2/NDF : 16.9/17

Out: -904.610+/-1321.518 χ^2/NDF : 12.5/20

All: -1705.975+/-967.229 χ^2/NDF : 30.2/38

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4109.965+/-2.354 χ^2/NDF : 1608.9/1

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

Left In: 4075.683+/-3.238 χ^2/NDF : 0.0/0

Left: 4098.109+/-1.904 χ^2/NDF : 1682.3/2

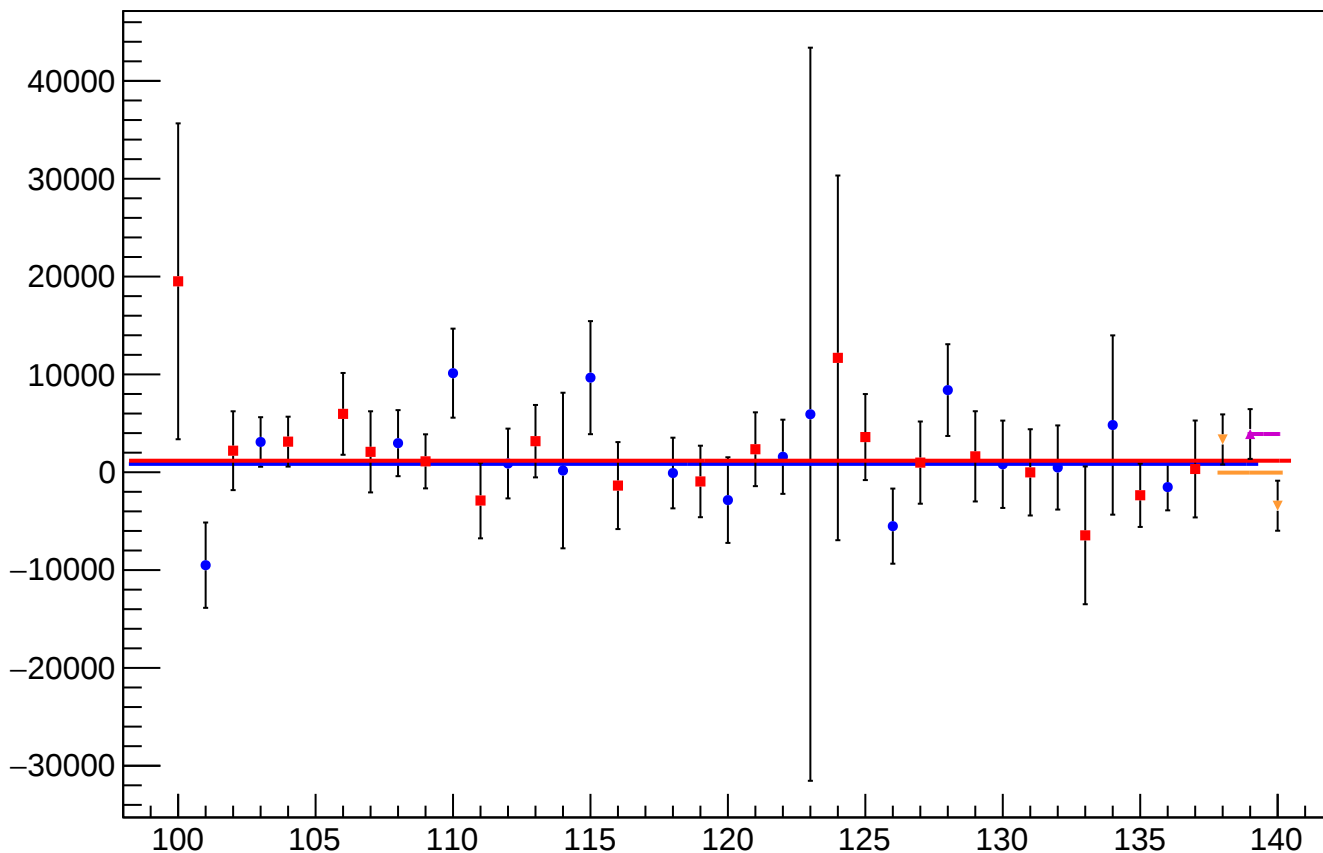
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3815.018+/-1.004 χ^2/NDF : 399822.2/17

Out: 3765.384+/-0.934 χ^2/NDF : 608138.7/20

All: 3788.429+/-0.684 χ^2/NDF : 1009270.8/38

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -37.697 $\pm$ 1808.937 χ^2 /NDF:3.5/1

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

Left In: 3908.565 $\pm$ 2542.854 χ^2 /NDF:0.0/0

Left: 1288.313 $\pm$ 1474.015 χ^2 /NDF: 5.1/2

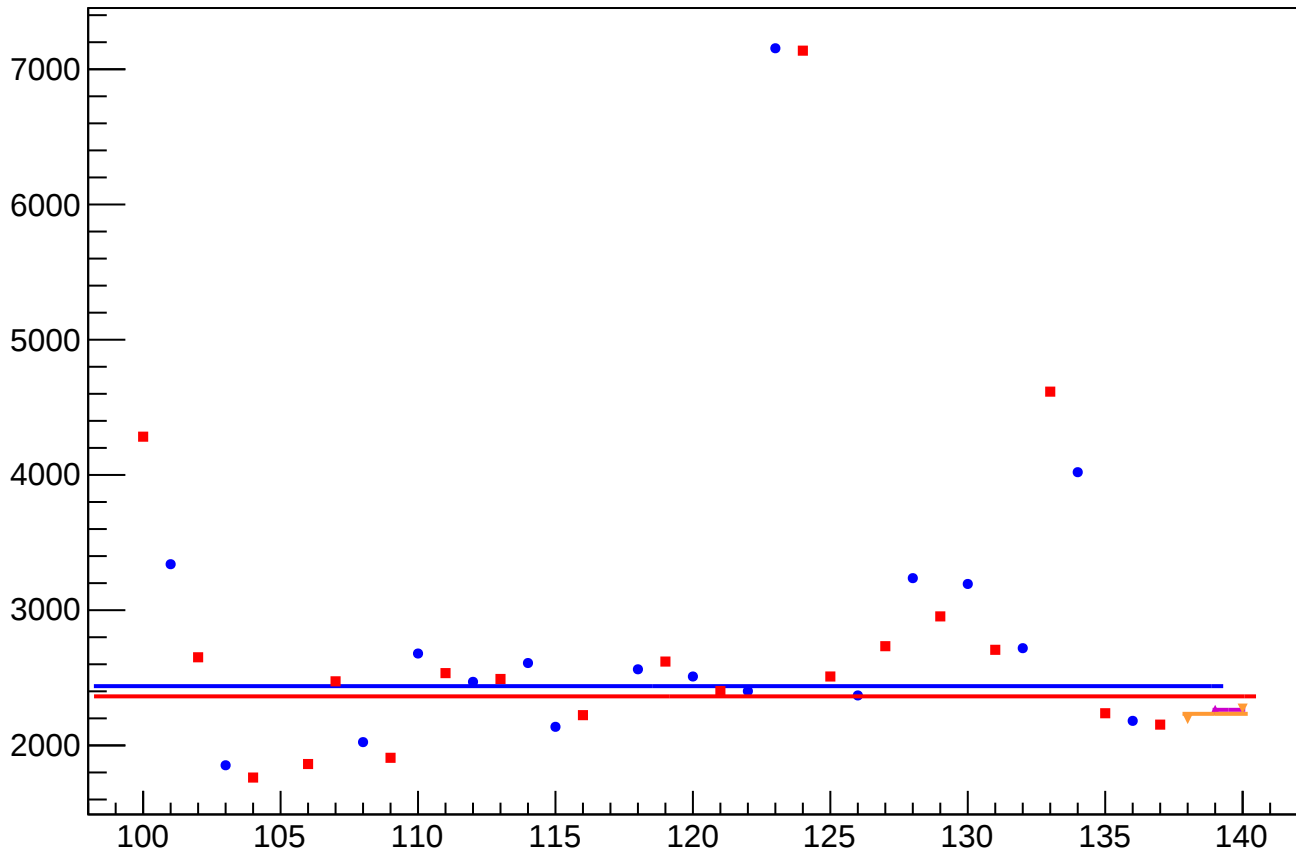
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 1240.262 $\pm$ 902.007 χ^2 /NDF:21.9/17

Out: 925.757 $\pm$ 824.045 χ^2 /NDF:12.4/20

All: 1068.832 $\pm$ 608.386 χ^2 /NDF: 34.4/38

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2233.535+/-1.279 χ^2/NDF : 914.6/1

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2263.240+/-1.798 χ^2/NDF : 0.0/0

Left: 2243.517+/-1.042 χ^2/NDF : 1095.8/2

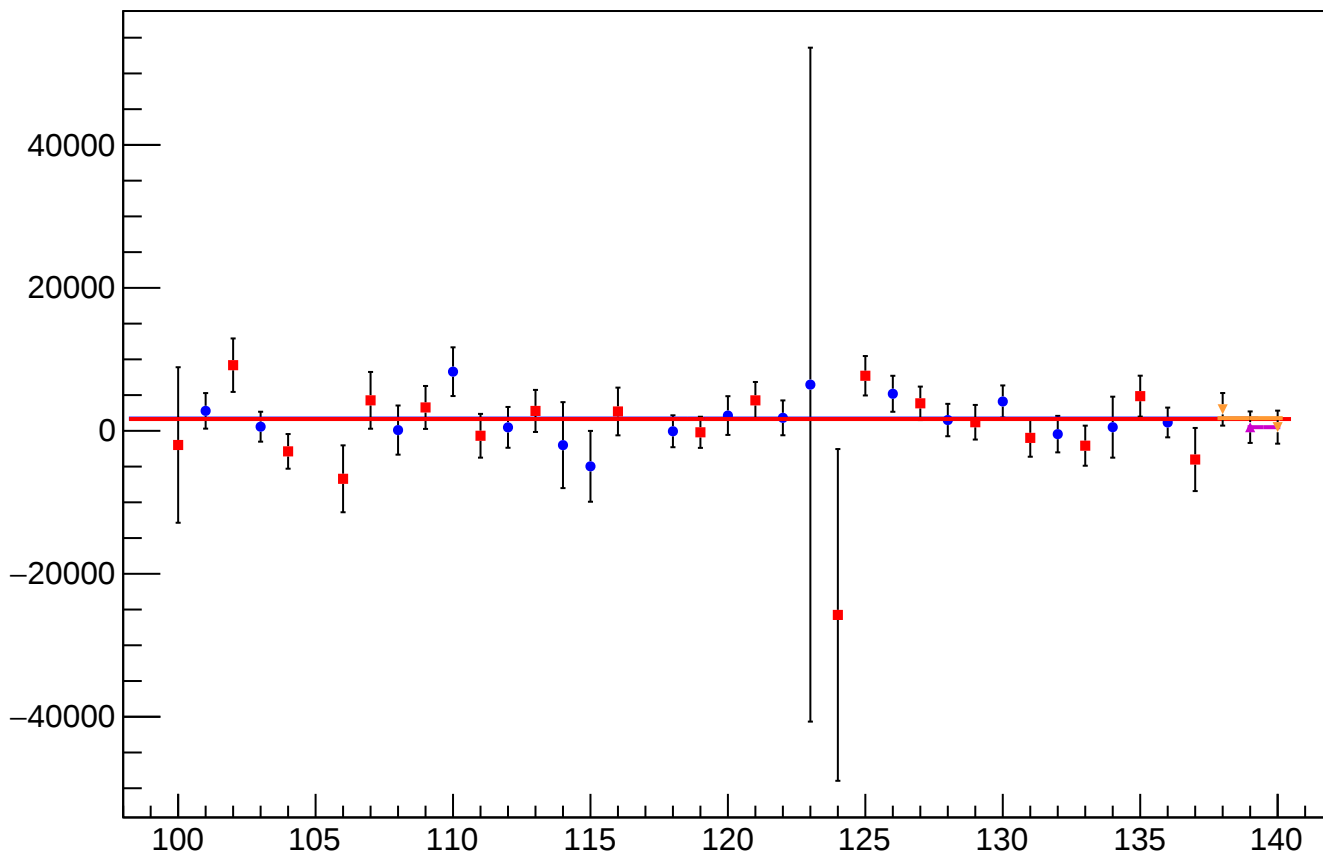
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2416.251+/-0.638 χ^2/NDF : 485007.3/17

Out: 2335.927+/-0.583 χ^2/NDF : 666525.7/20

All: 2372.468+/-0.430 χ^2/NDF : 1160177.8/38

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566+/-667.149 χ^2/NDF : 11.4/16

Left Out: 1778.993+/-1622.931 χ^2/NDF : 0.6/1

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

Left In: 511.873+/-2202.564 χ^2/NDF : 0.0/0

Left: 1333.116+/-1306.553 χ^2/NDF : 0.8/2

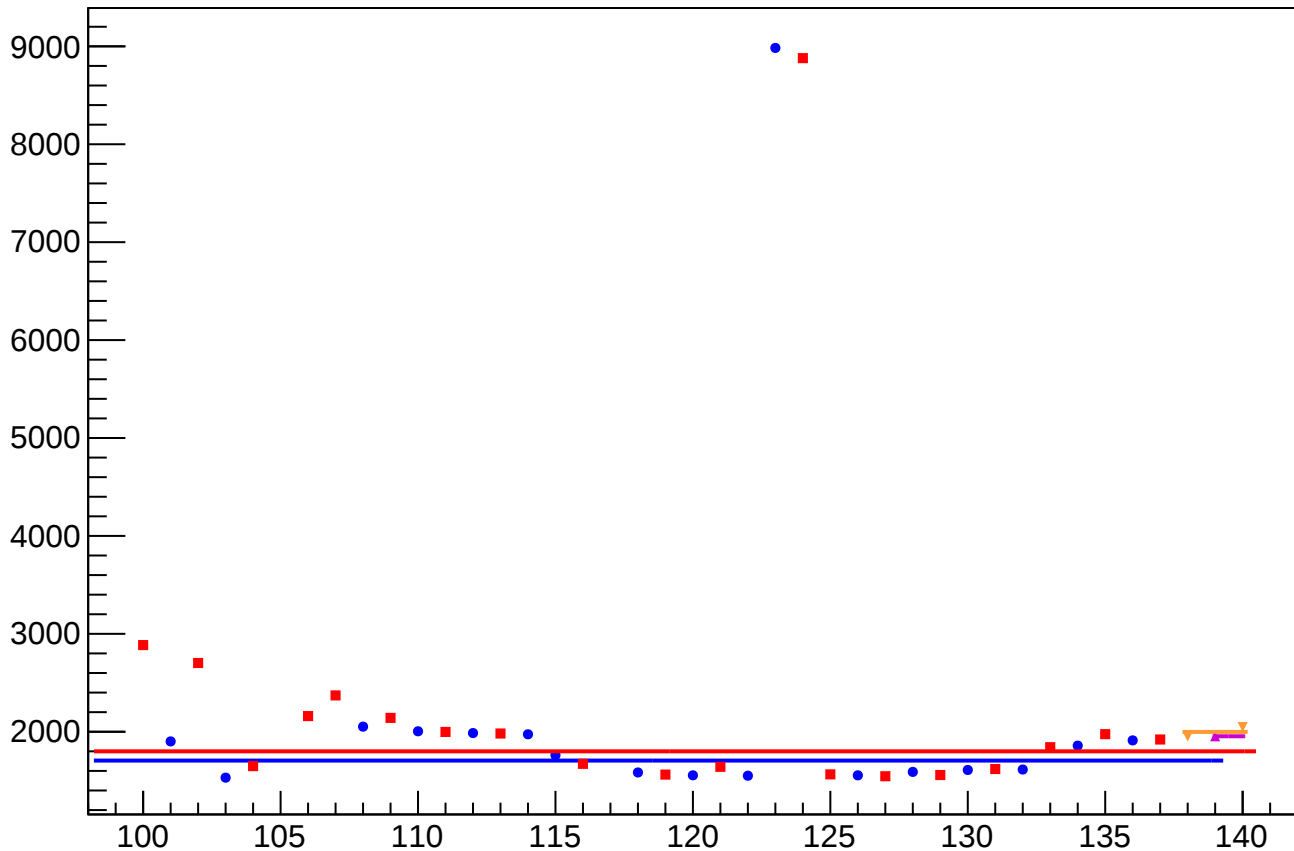
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1611.664+/-638.502 χ^2/NDF : 11.6/17

Out: 1670.396+/-638.326 χ^2/NDF : 27.6/20

All: 1641.038+/-451.427 χ^2/NDF : 39.2/38

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1998.403+/-1.148 χ^2/NDF :1792.4/1

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

Left In: 1953.803+/-1.557 χ^2/NDF :0.0/0

Left: 1982.709+/-0.924 χ^2/NDF : 2323.9/2

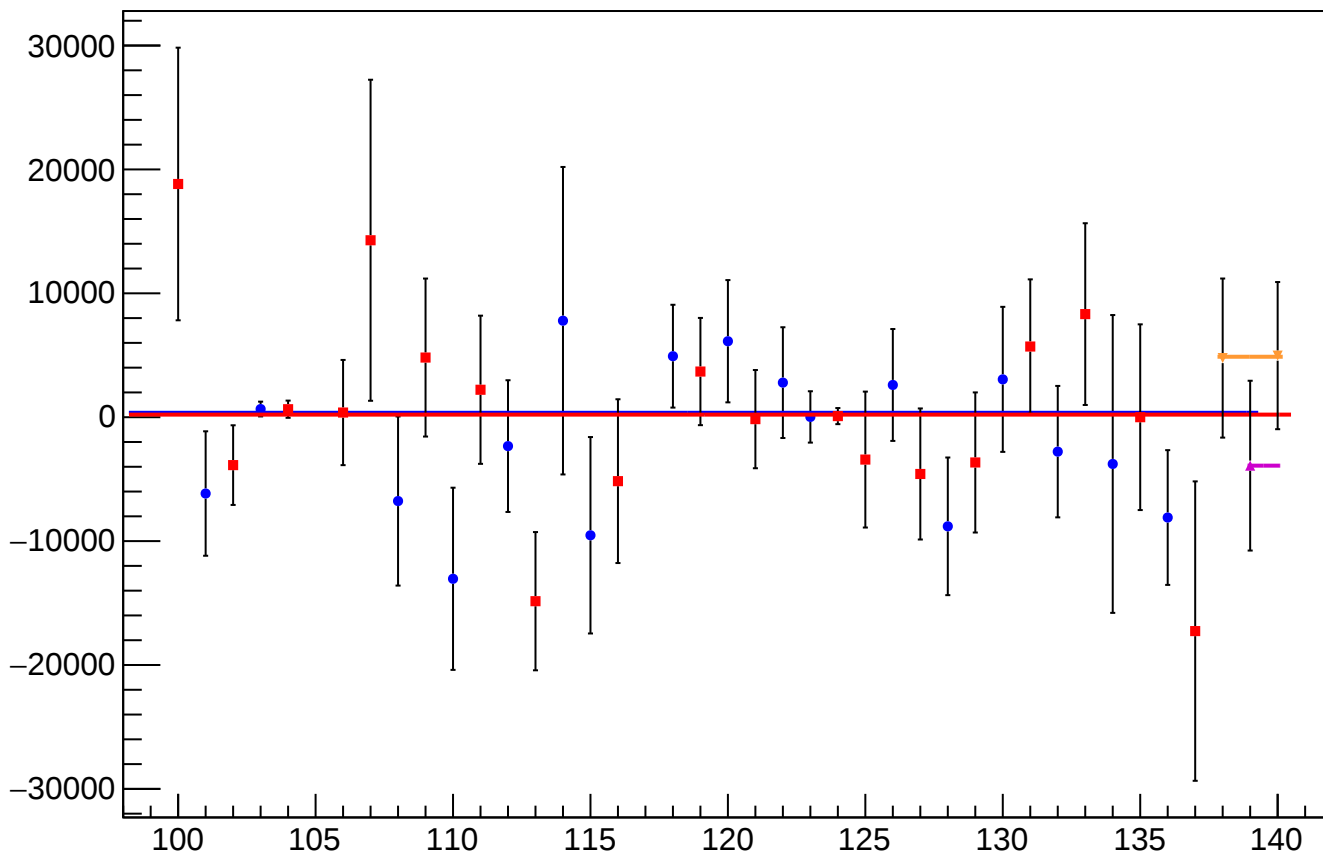
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1726.480+/-0.451 χ^2/NDF :217432.8/17

Out: 1830.572+/-0.451 χ^2/NDF :565857.4/20

All: 1778.637+/-0.319 χ^2/NDF : 809924.1/38

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: 4880.568 $\pm$ 4359.848 χ^2 /NDF:0.0/1

Right Out: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

Left In: -3909.832 $\pm$ 6852.478 χ^2 /NDF:0.0/0

Left: 2347.543 $\pm$ 3678.435 χ^2 /NDF: 1.2/2

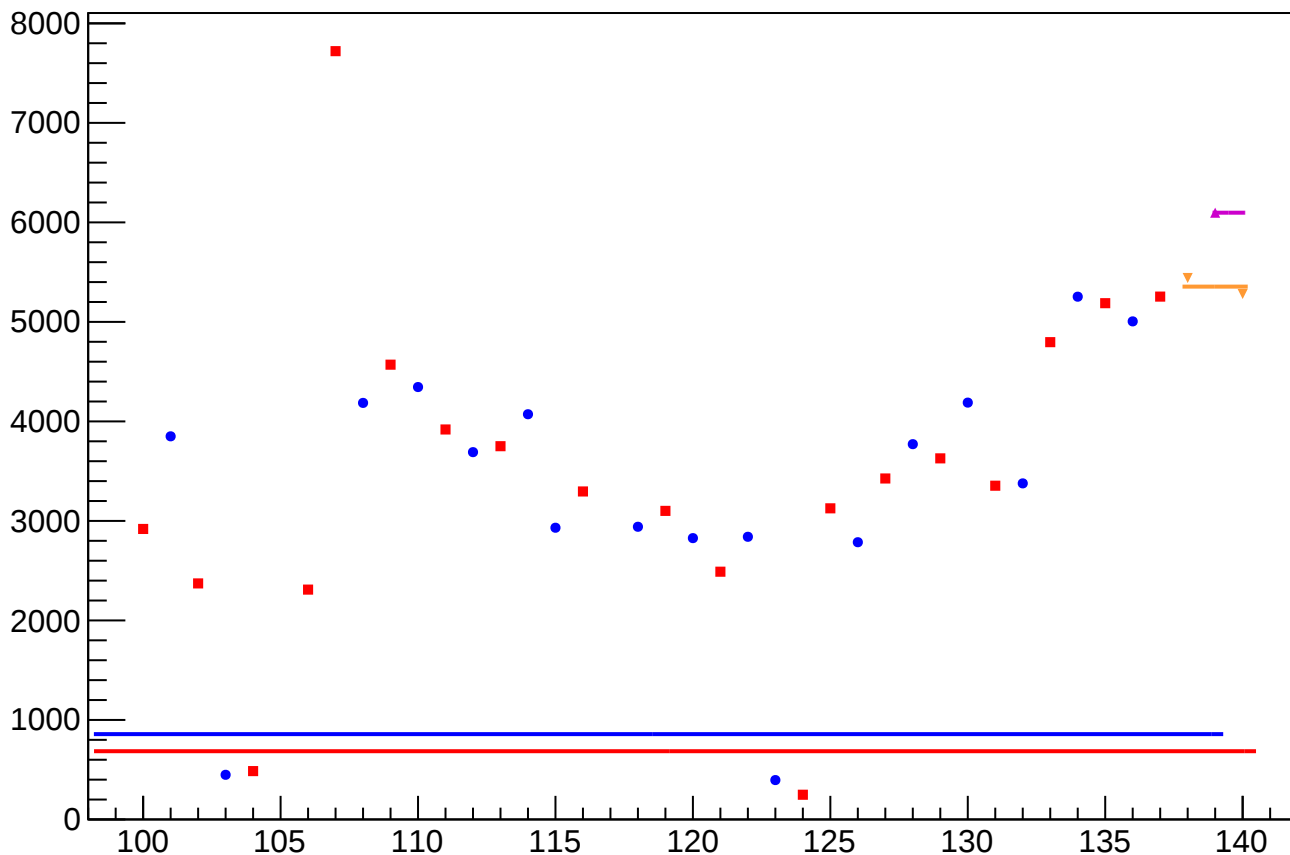
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 331.345 $\pm$ 531.602 χ^2 /NDF:17.9/17

Out: 258.413 $\pm$ 444.301 χ^2 /NDF:22.5/20

All: 288.406 $\pm$ 340.912 χ^2 /NDF: 40.4/38

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 5354.525+/-3.083 χ^2/NDF : 675.0/1

Right Out: 685.800+/-0.316 χ^2/NDF : 9461114.1/18

Left In: 6097.309+/-4.845 χ^2/NDF : 0.0/0

Left: 5568.564+/-2.601 χ^2/NDF : 17403.0/2

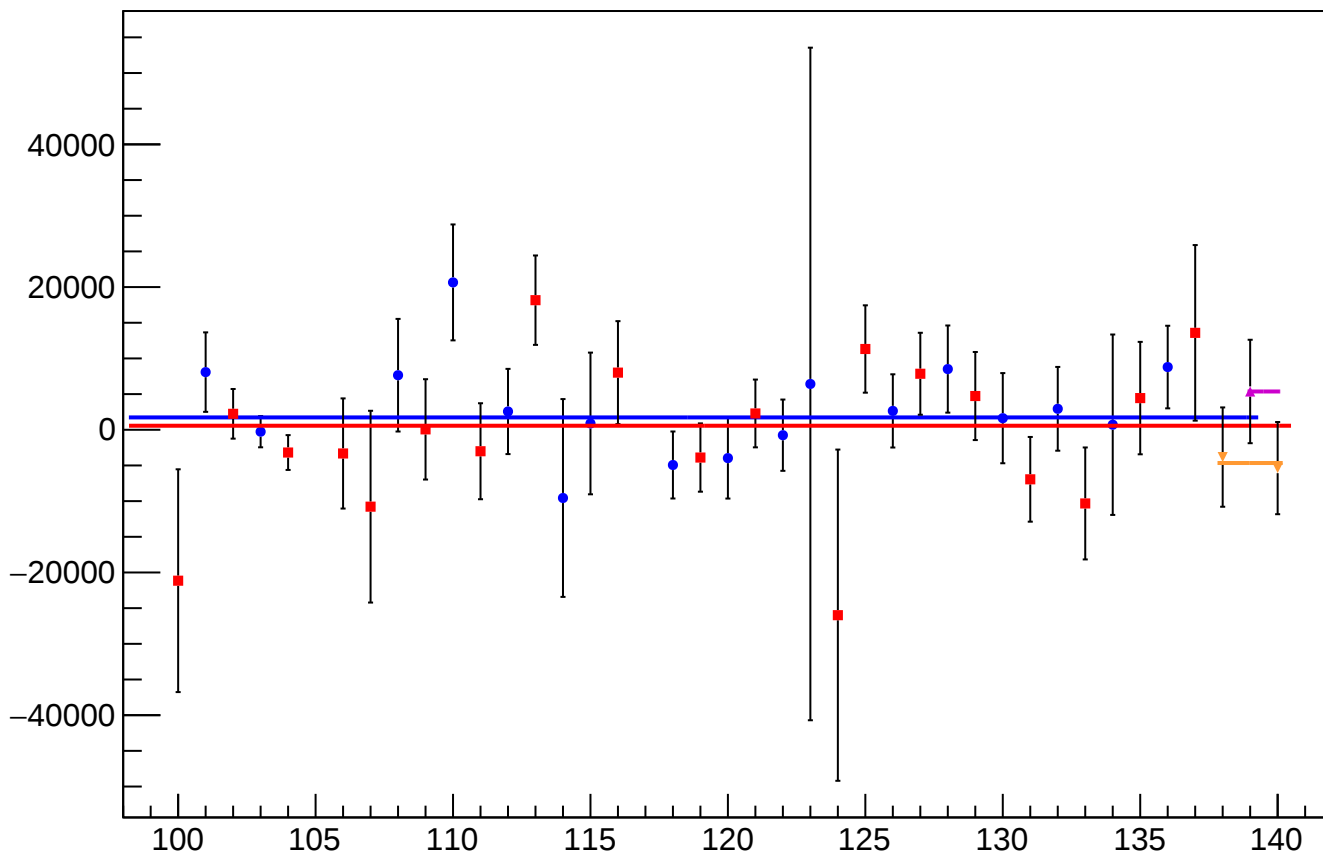
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 889.007+/-0.376 χ^2/NDF : 9337642.0/17

Out: 734.286+/-0.314 χ^2/NDF : 11731392.5/20

All: 797.915+/-0.241 χ^2/NDF : 21168777.9/38

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -4657.140+/-4734.858 χ^2/NDF : 0.0/1

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

Left In: 5367.045+/-7248.795 χ^2/NDF : 0.0/0

Left: -1659.283+/-3964.119 χ^2/NDF : 1.4/2

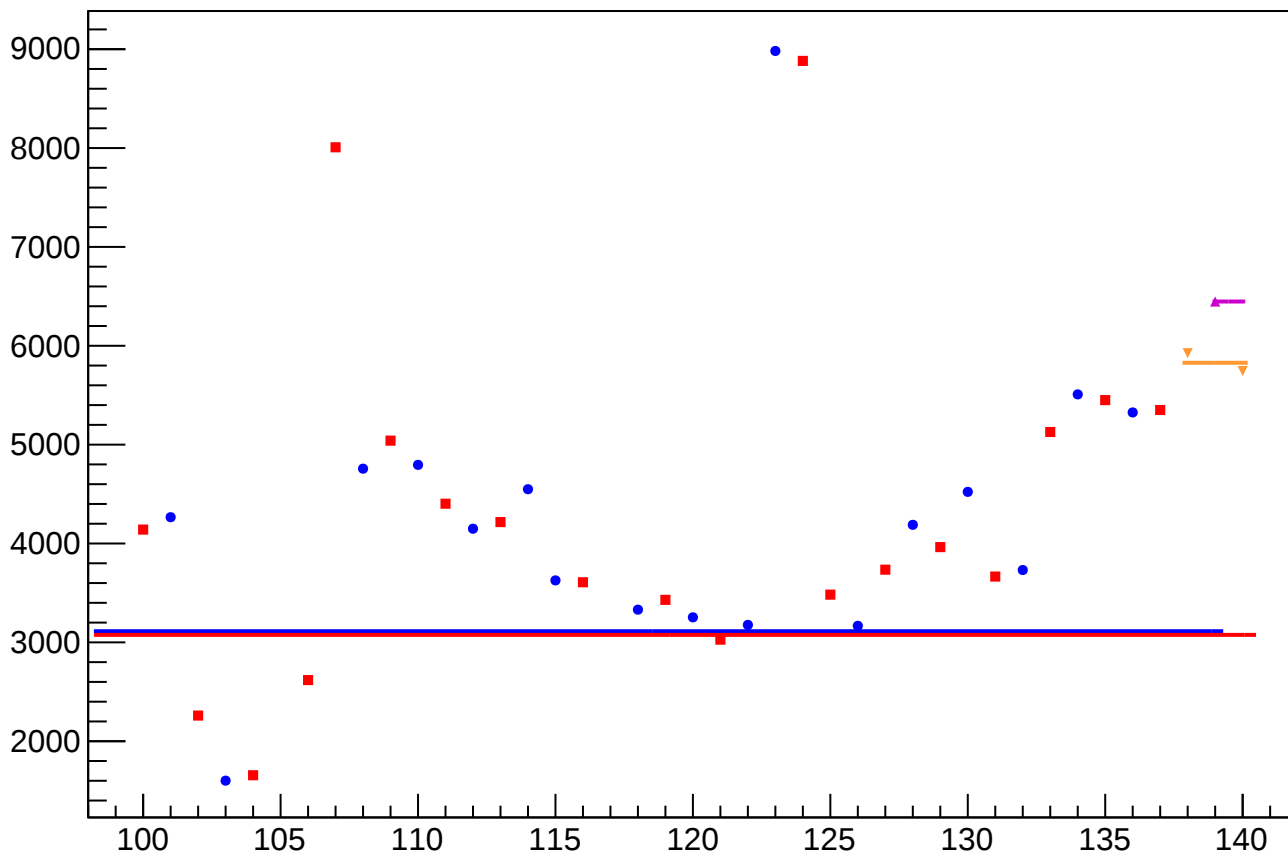
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1847.282+/-1283.977 χ^2/NDF : 15.1/17

Out: 208.017+/-1241.319 χ^2/NDF : 28.2/20

All: 999.966+/-892.445 χ^2/NDF : 44.2/38

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5828.017+/-3.348 χ^2/NDF : 719.2/1

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 6447.626+/-5.126 χ^2/NDF : 0.0/0

Left: 6013.319+/-2.803 χ^2/NDF : 10961.8/2

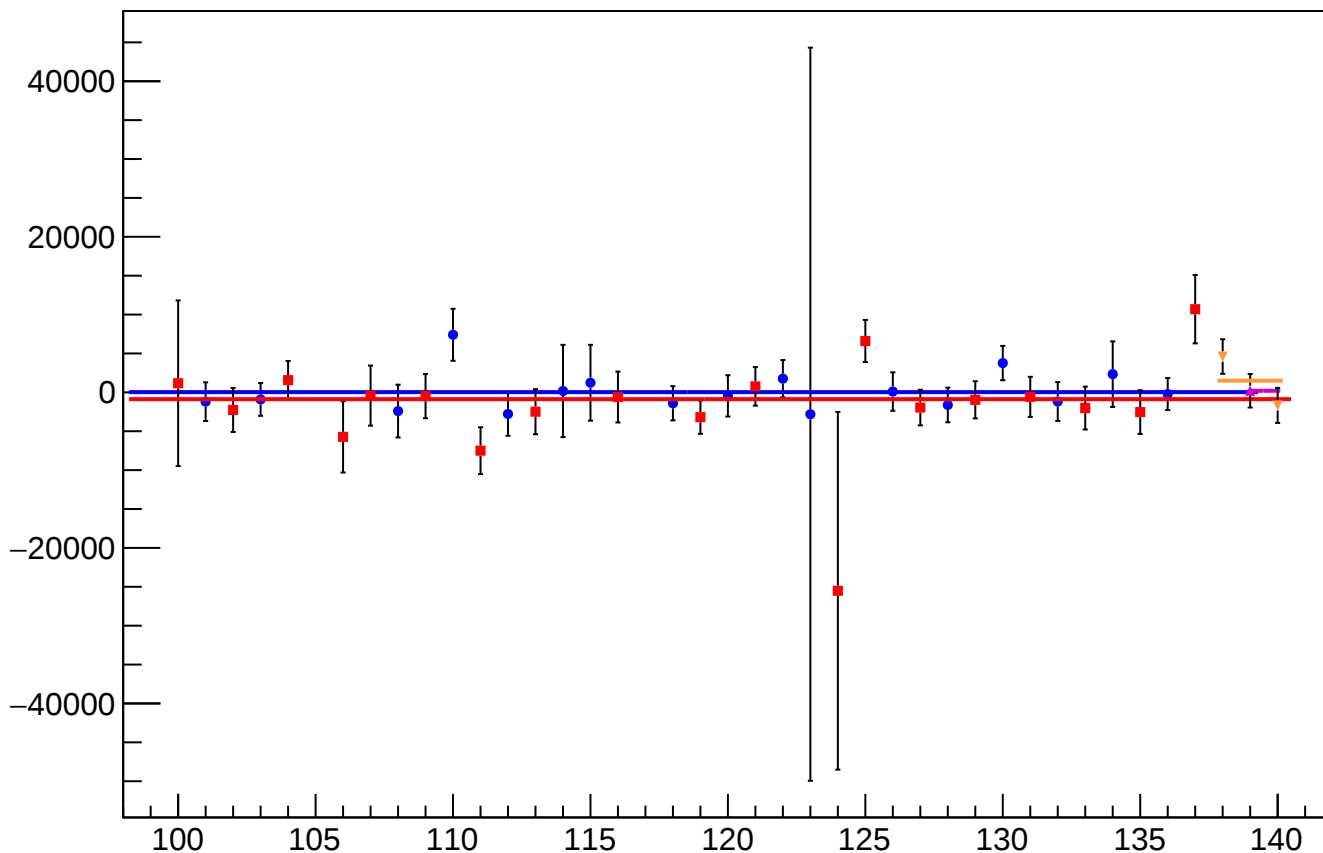
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 3217.319+/-0.908 χ^2/NDF : 2294555.5/17

Out: 3259.797+/-0.866 χ^2/NDF : 2642309.1/20

All: 3239.563+/-0.627 χ^2/NDF : 4938010.9/38

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1500.368+/-1582.210 χ^2/NDF : 3.9/1

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

Left In: 203.953+/-2154.277 χ^2/NDF : 0.0/0

Left: 1046.099+/-1275.222 χ^2/NDF : 4.2/2

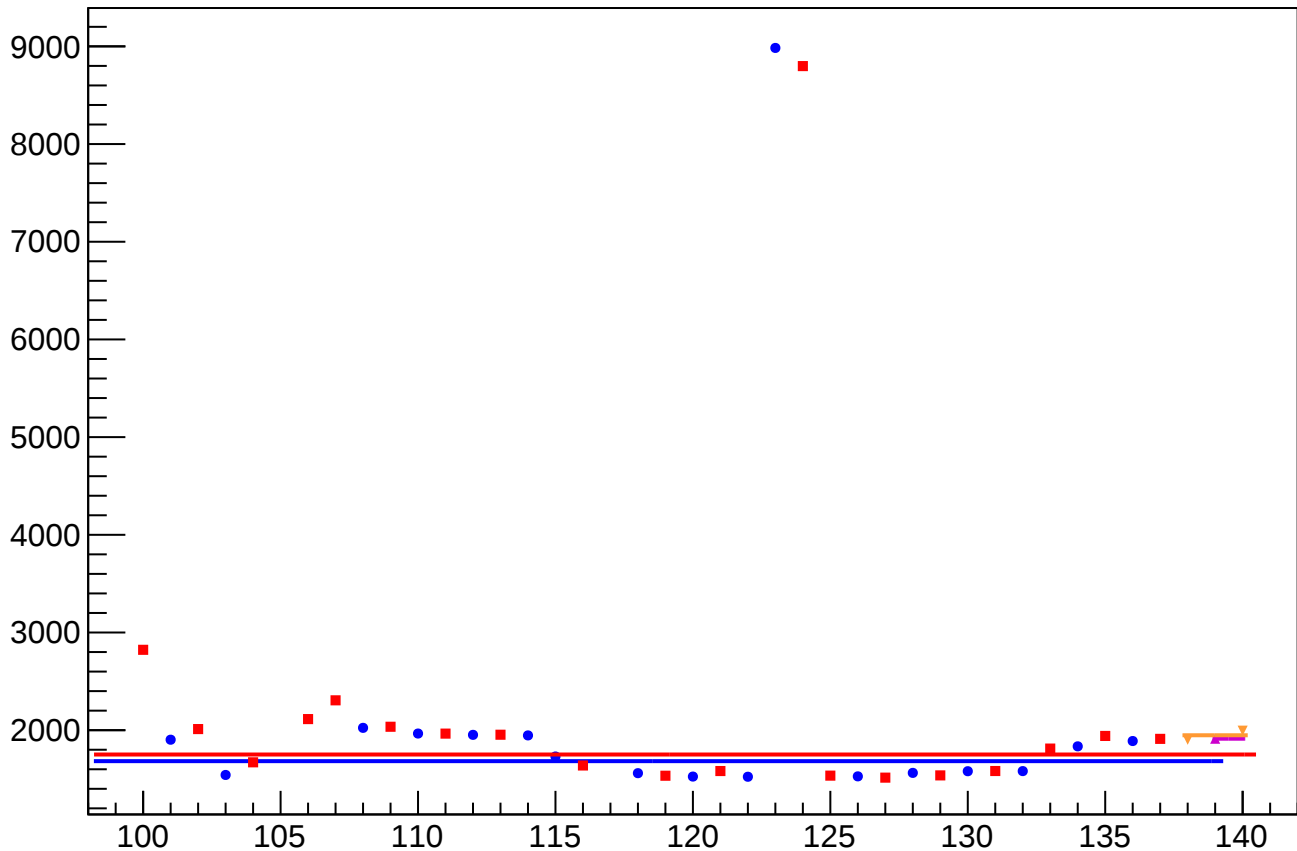
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: 44.039+/-629.652 χ^2/NDF : 11.8/17

Out: -510.378+/-619.516 χ^2/NDF : 31.5/20

All: -237.668+/-441.604 χ^2/NDF : 43.7/38

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1948.132+/-1.119 χ^2/NDF : 1714.3/1

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

Left In: 1912.812+/-1.523 χ^2/NDF : 0.0/0

Left: 1935.756+/-0.902 χ^2/NDF : 2063.6/2

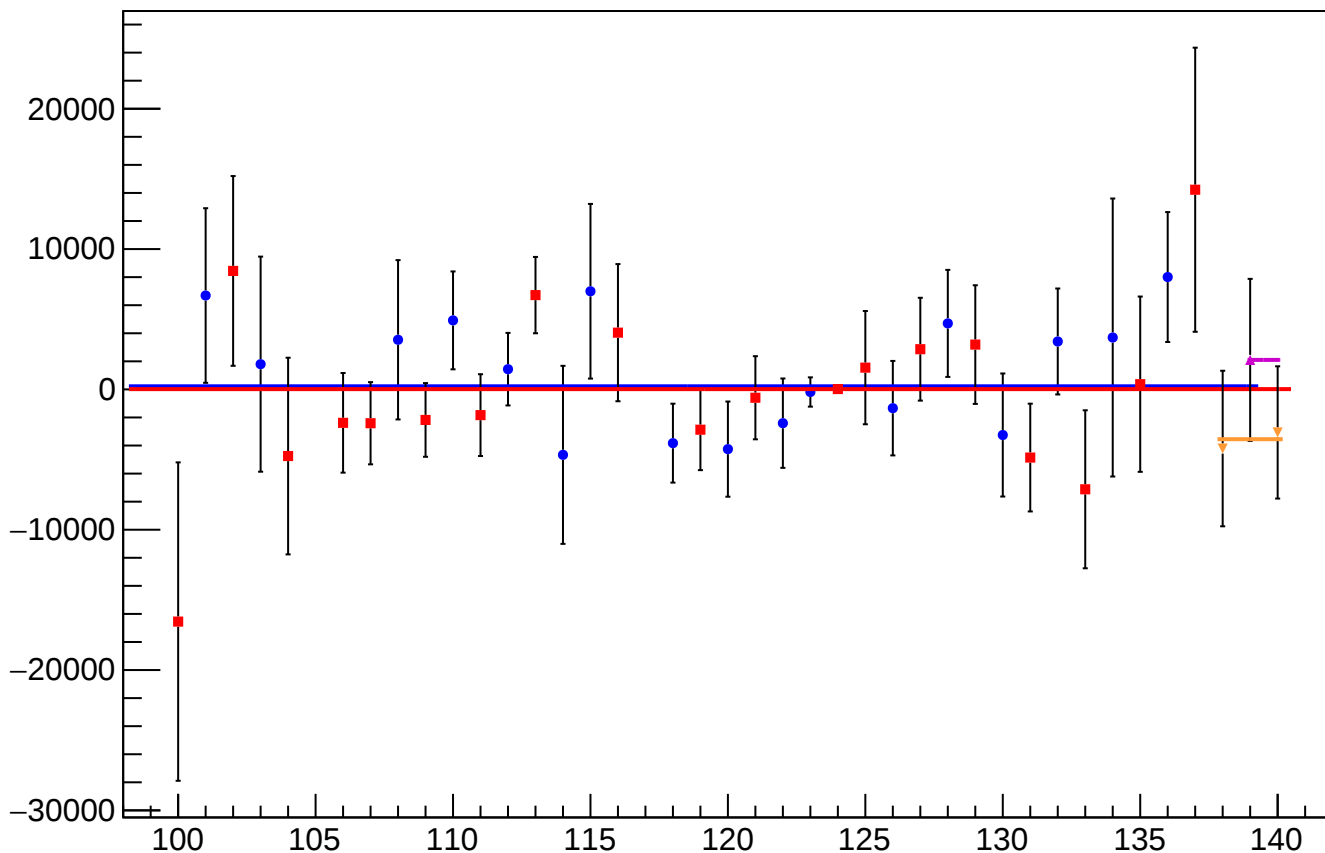
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1702.746+/-0.445 χ^2/NDF : 216650.4/17

Out: 1781.183+/-0.437 χ^2/NDF : 455065.8/20

All: 1742.674+/-0.312 χ^2/NDF : 687515.1/38

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3548.718 $\pm$ 3590.281 χ^2 /NDF:0.0/1

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

Left In: 2101.989 $\pm$ 5774.696 χ^2 /NDF:0.0/0

Left: -1973.401 $\pm$ 3049.029 χ^2 /NDF: 0.7/2

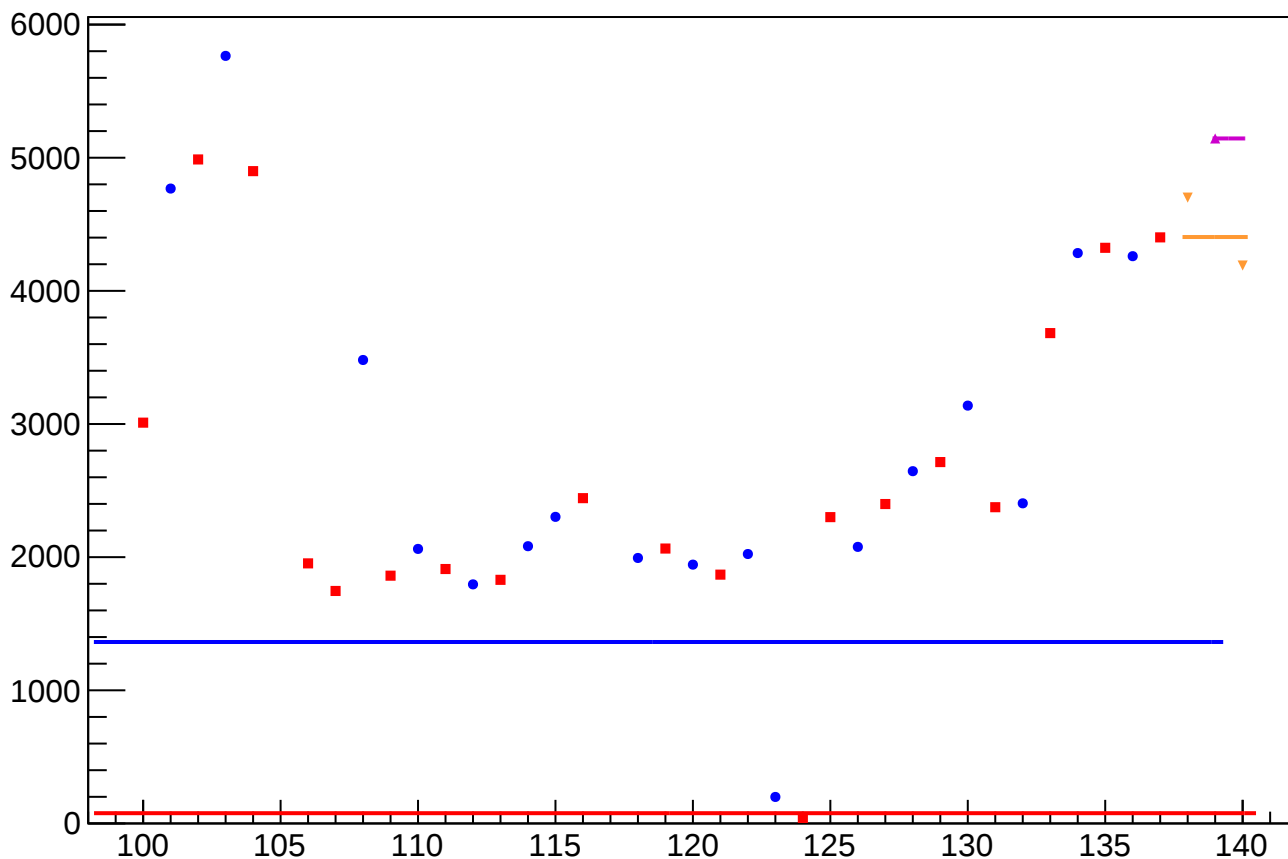
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 248.692 $\pm$ 715.362 χ^2 /NDF:15.9/17

Out: 16.665 $\pm$ 114.072 χ^2 /NDF:21.7/20

All: 22.419 $\pm$ 112.649 χ^2 /NDF: 37.7/38

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4404.368 $\pm$ 2.539 χ^2 /NDF:9826.6/1

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

Left In: 5144.686 $\pm$ 4.083 χ^2 /NDF:0.0/0

Left: 4610.755 $\pm$ 2.156 χ^2 /NDF: 33533.6/2

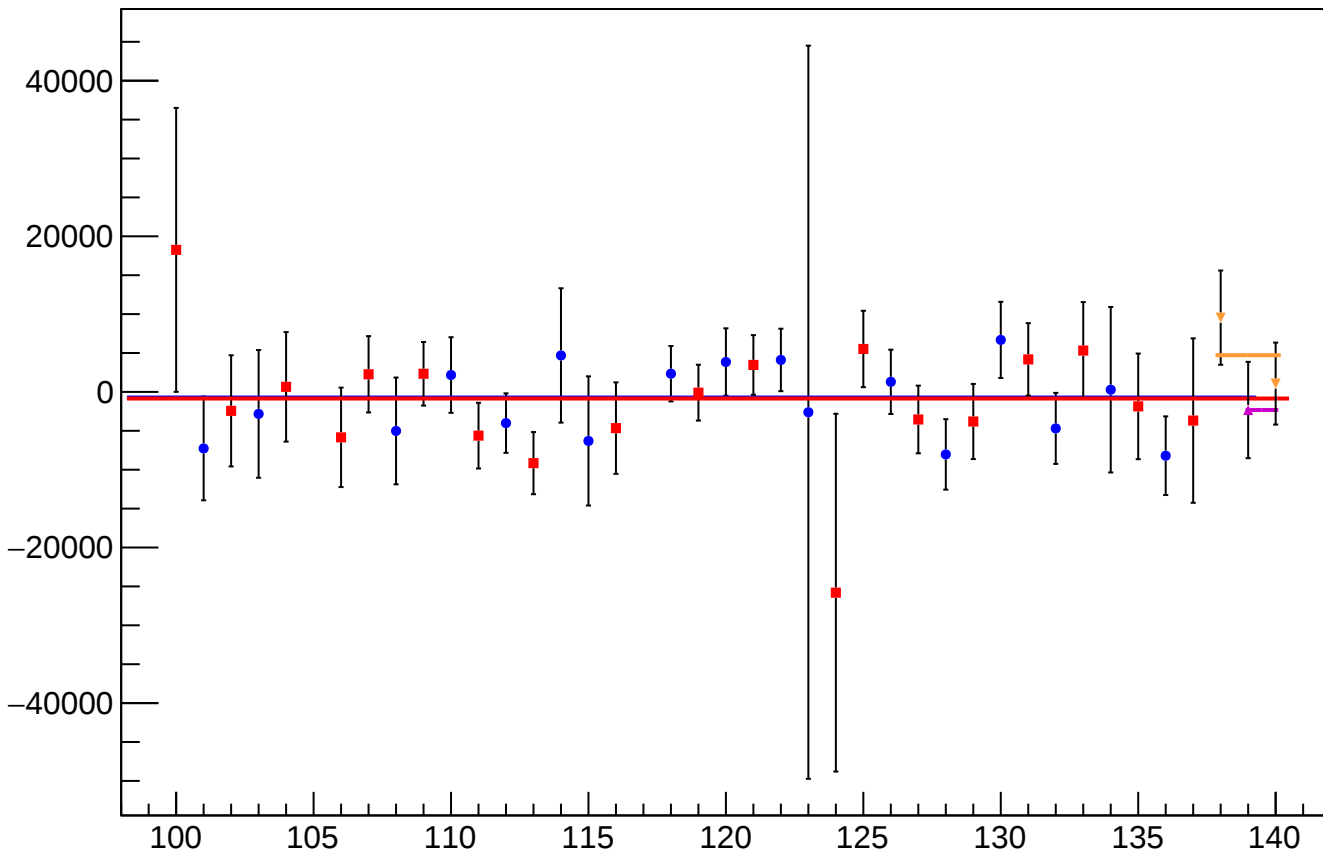
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1420.878 $\pm$ 0.506 χ^2 /NDF:7080468.8/17

Out: 81.497 $\pm$ 0.081 χ^2 /NDF:16160269.3/20

All: 114.710 $\pm$ 0.080 χ^2 /NDF: 30077983.2/38

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 4717.890+/-3975.639 $\chi^2/\text{NDF}: 1.1/1$

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

Left In: -2326.207+/-6191.728 χ^2/NDF :0.0/0

Left: 2661.549 ± 3345.391 χ^2/NDF : 2.0/2

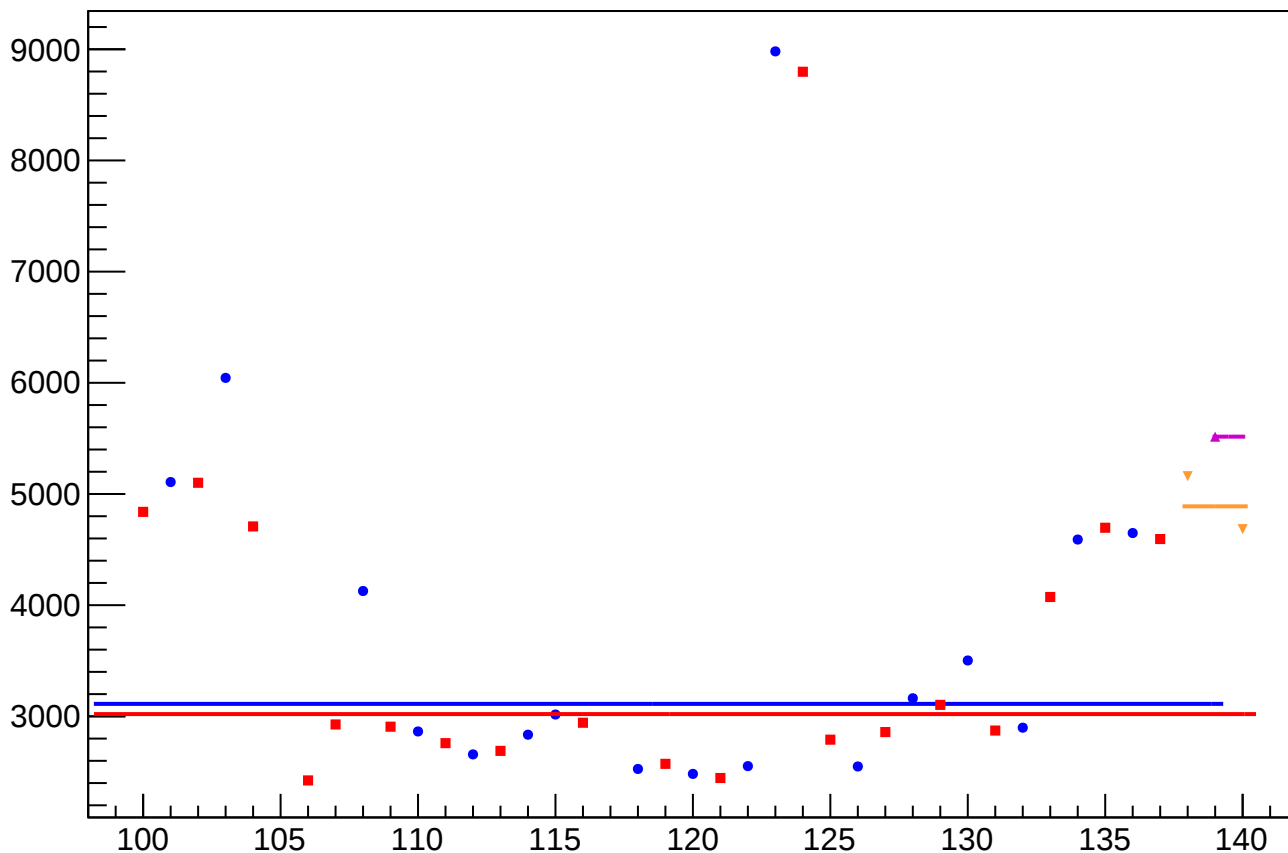
Right: -788.845 ± 863.438 χ^2/NDF : 30.8/35

In: -784.568+/-1227.653 χ^2/NDF :14.8/17

Out: -390.678+/-1141.702 χ^2/NDF :18.9/20

All: -573.353 ± 836.041 χ^2/NDF : 33.8/38

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4888.686+/-2.811 χ^2/NDF : 7032.0/1

Right Out: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 5515.716+/-4.378 χ^2/NDF : 0.0/0

Left: 5071.731+/-2.366 χ^2/NDF : 21555.2/2

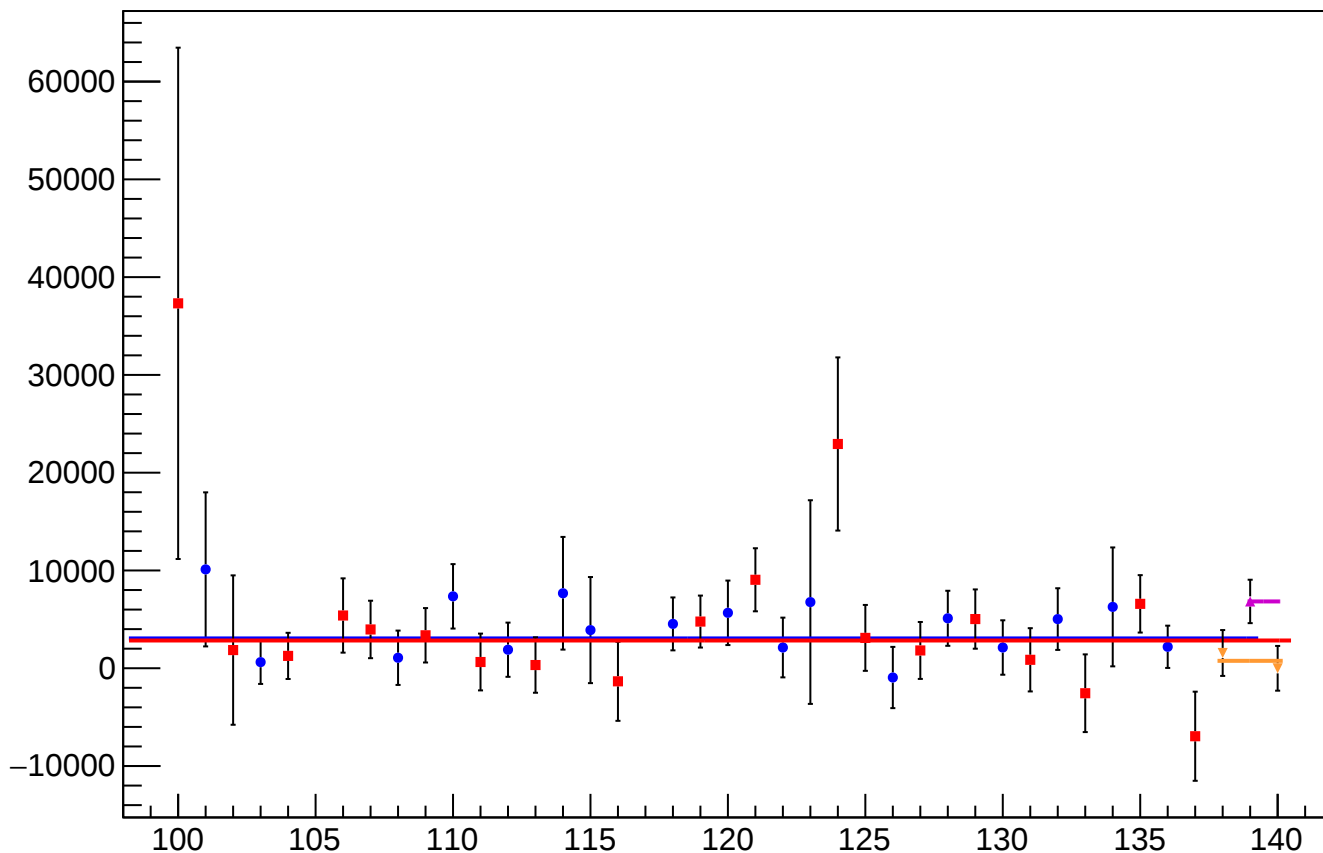
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3206.717+/-0.868 χ^2/NDF : 1248012.9/17

Out: 3170.931+/-0.798 χ^2/NDF : 1207346.9/20

All: 3187.323+/-0.588 χ^2/NDF : 2456280.9/38

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 757.943+/-1637.724 χ^2/NDF : 0.2/1

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 6832.473+/-2220.088 χ^2/NDF : 0.0/0

Left: 2898.645+/-1317.929 χ^2/NDF : 5.1/2

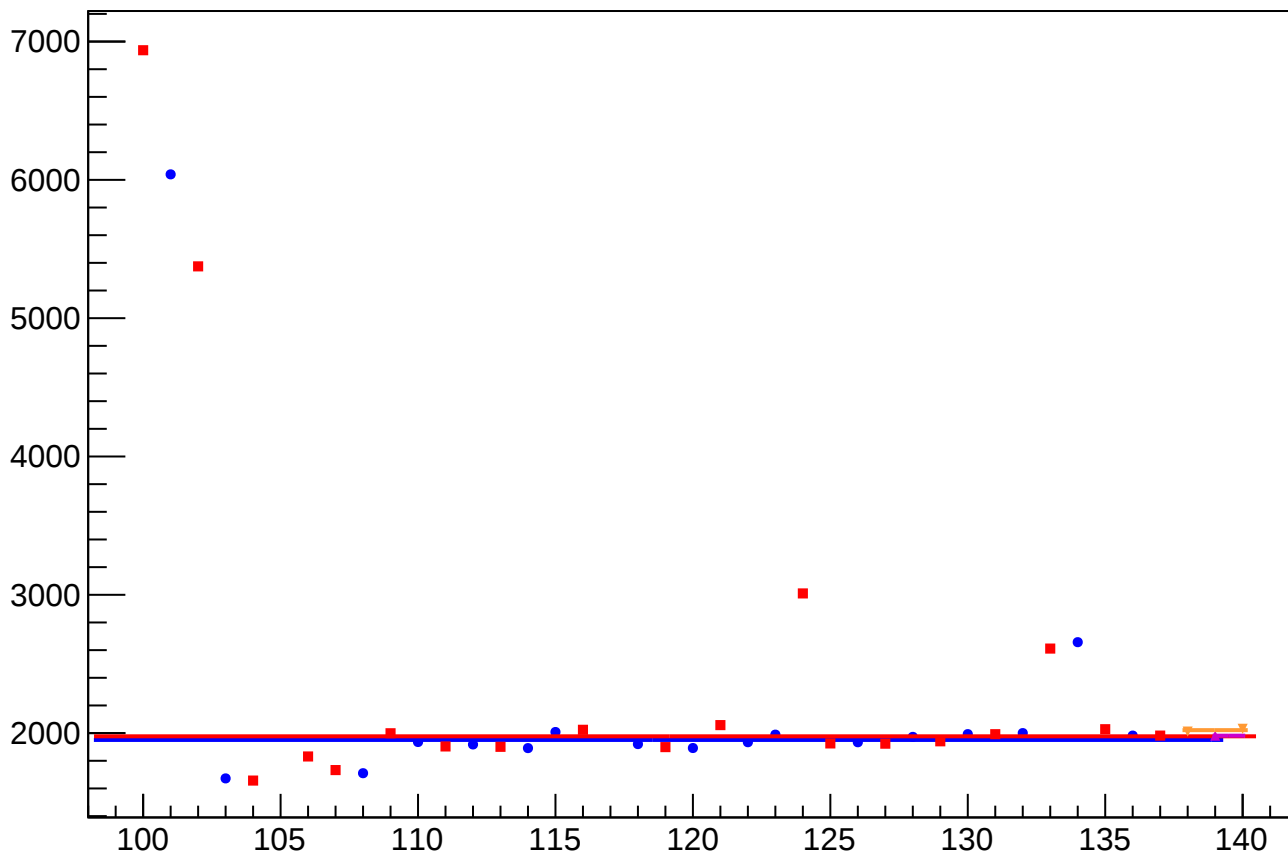
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3457.518+/-729.442 χ^2/NDF : 11.9/17

Out: 2465.324+/-693.769 χ^2/NDF : 25.3/20

All: 2936.567+/-502.707 χ^2/NDF : 38.2/38

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2021.501+/-1.158 χ^2/NDF : 76.3/1

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

Left In: 1981.675+/-1.570 χ^2/NDF : 0.0/0

Left: 2007.466+/-0.932 χ^2/NDF : 493.1/2

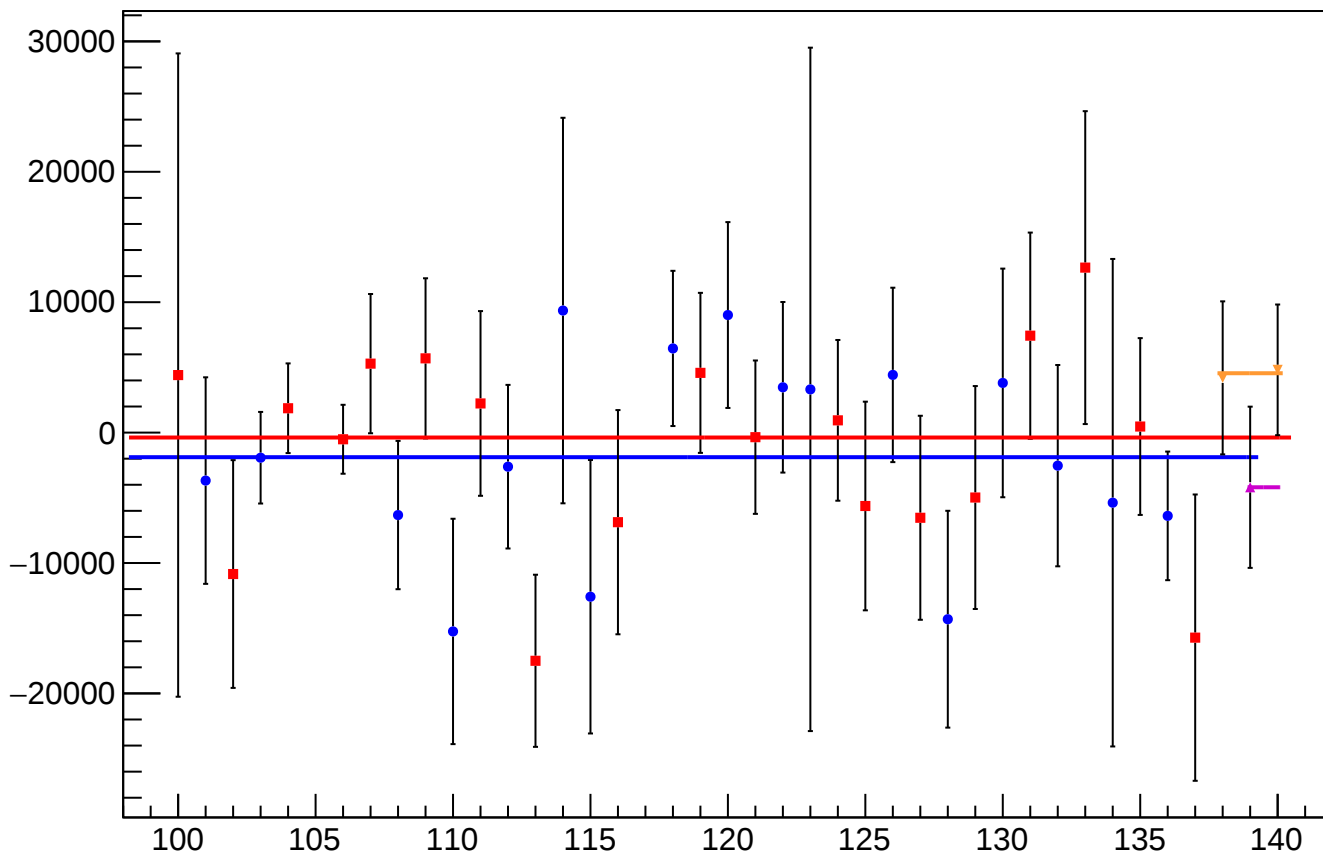
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1954.036+/-0.516 χ^2/NDF : 615512.8/17

Out: 1984.961+/-0.490 χ^2/NDF : 608995.7/20

All: 1970.281+/-0.355 χ^2/NDF : 1226396.8/38

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4552.619+/-3810.066 χ^2/NDF : 0.0/1

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

Left In: -4192.218+/-6181.407 χ^2/NDF : 0.0/0

Left: 2144.995+/-3243.439 χ^2/NDF : 1.5/2

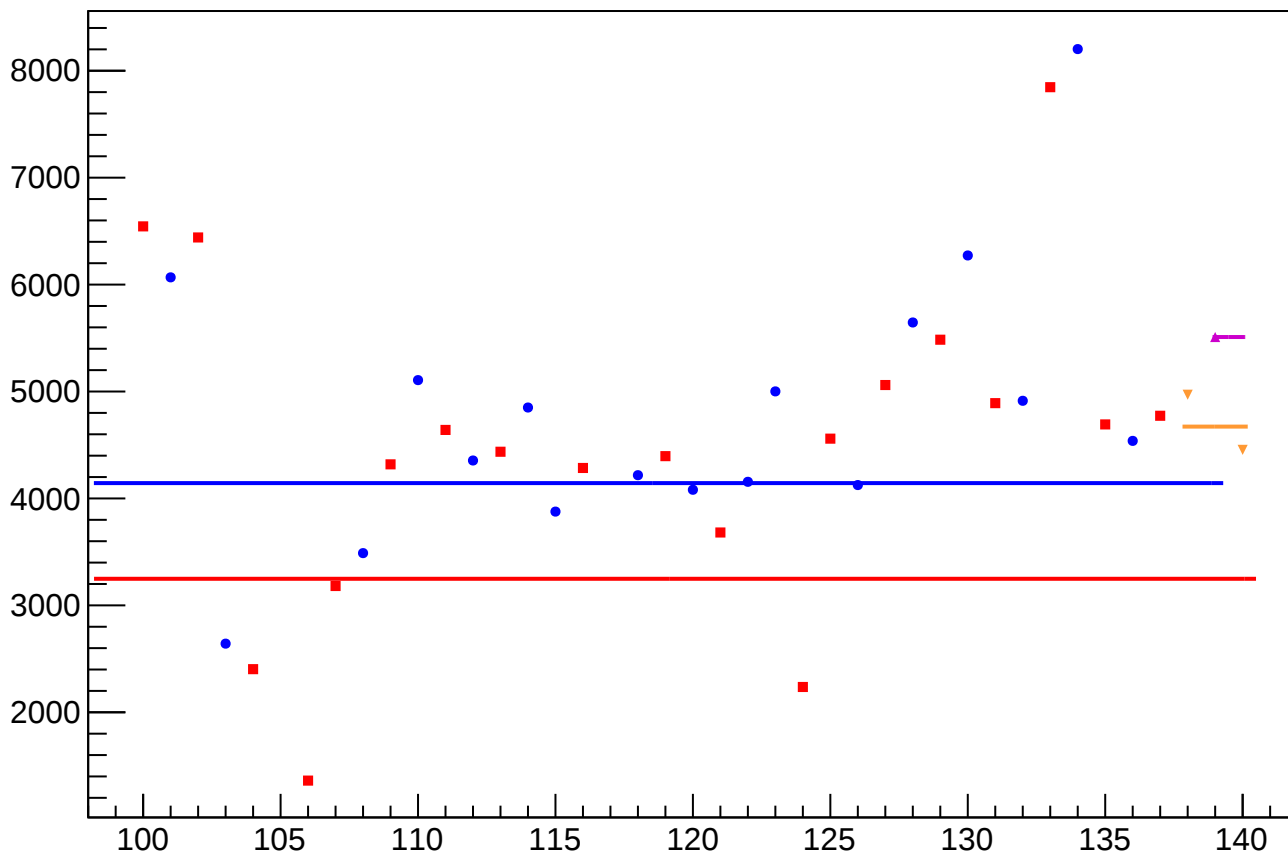
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -2040.112+/-1601.376 χ^2/NDF : 14.3/17

Out: 179.957+/-1280.526 χ^2/NDF : 19.1/20

All: -685.937+/-1000.098 χ^2/NDF : 34.5/38

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4671.887+/-2.694 χ^2/NDF : 8930.1/1

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

Left In: 5509.671+/-4.371 χ^2/NDF : 0.0/0

Left: 4902.545+/-2.293 χ^2/NDF : 35553.6/2

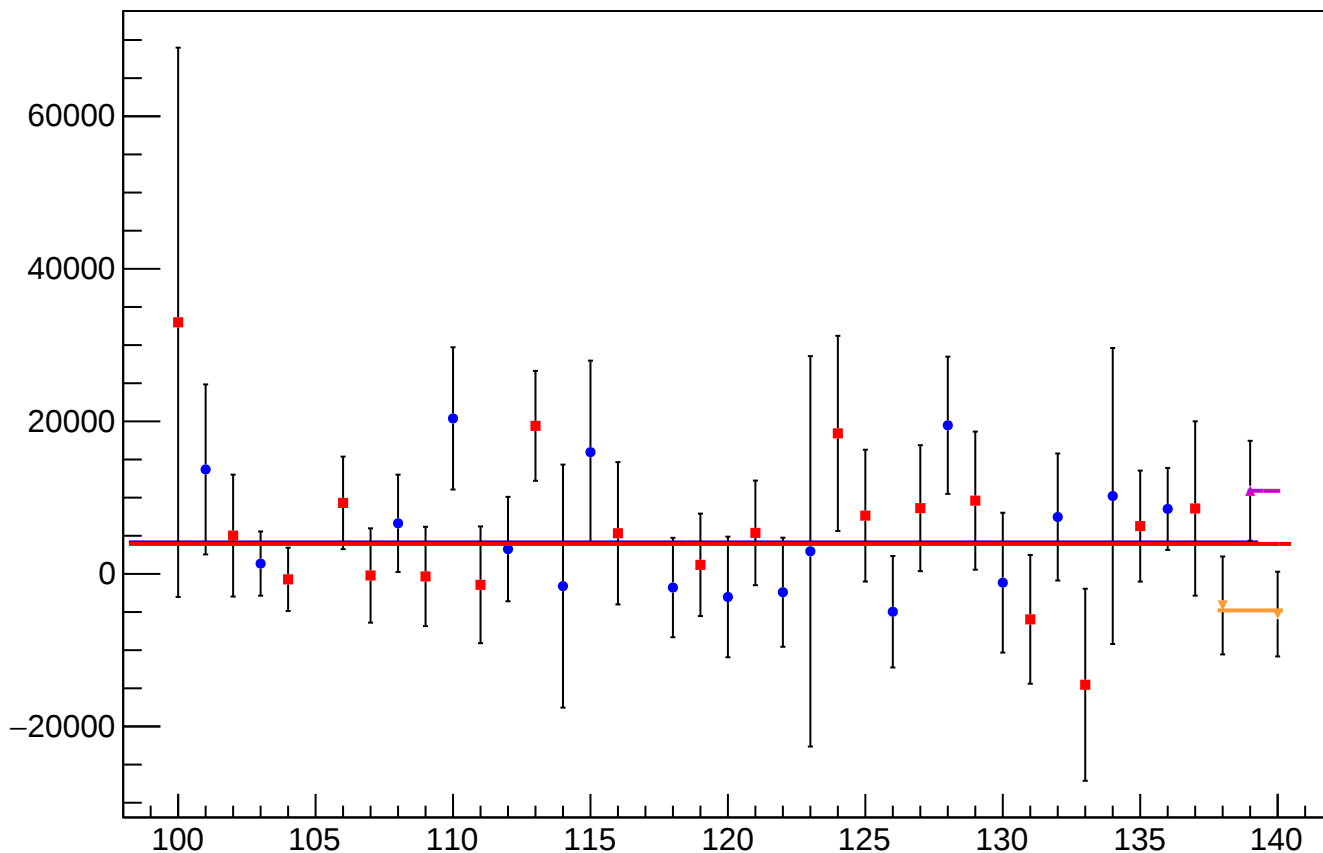
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4235.169+/-1.132 χ^2/NDF : 947112.3/17

Out: 3409.400+/-0.905 χ^2/NDF : 2874261.2/20

All: 3731.475+/-0.707 χ^2/NDF : 4145764.2/38

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4783.955+/-4200.571 χ^2/NDF : 0.0/1

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

Left In: 10896.333+/-6556.003 χ^2/NDF : 0.0/0

Left: -220.309+/-3536.862 χ^2/NDF : 4.1/2

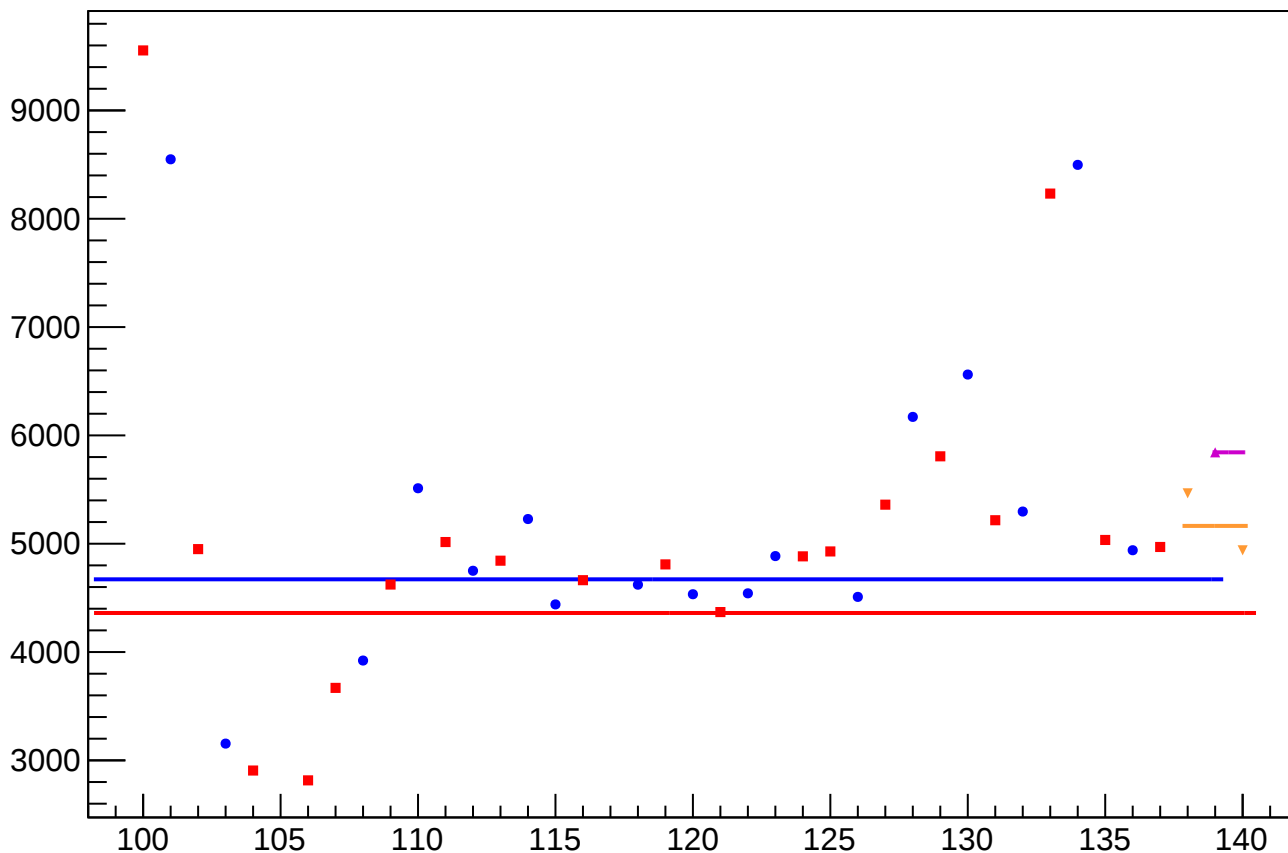
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 4632.478+/-1792.105 χ^2/NDF : 14.7/17

Out: 2674.778+/-1596.086 χ^2/NDF : 18.6/20

All: 3540.746+/-1191.904 χ^2/NDF : 33.9/38

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5164.396+/-2.970 χ^2/NDF : 7681.1/1

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

Left In: 5843.695+/-4.636 χ^2/NDF : 0.0/0

Left: 5362.101+/-2.501 χ^2/NDF : 22903.9/2

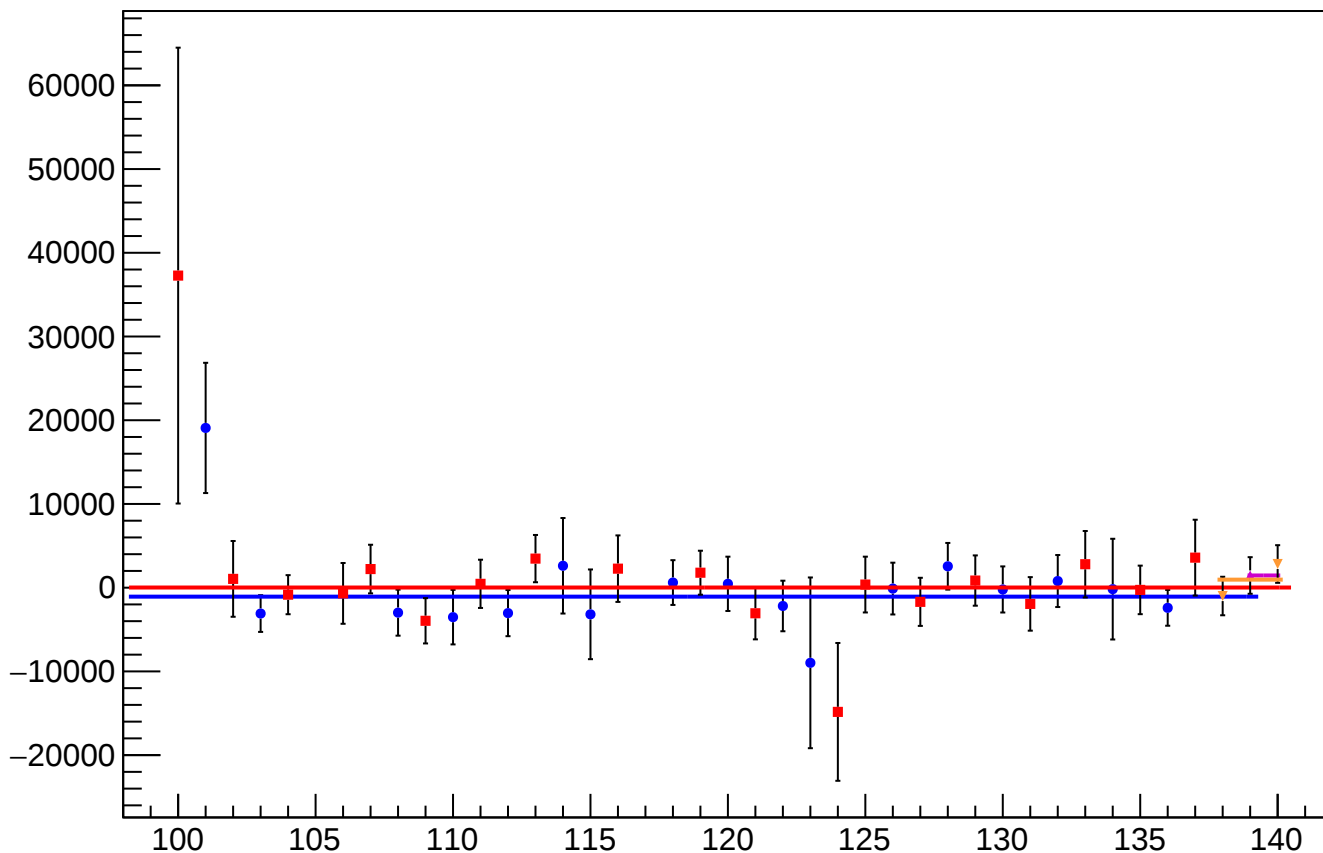
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4758.922+/-1.267 χ^2/NDF : 845289.6/17

Out: 4475.444+/-1.123 χ^2/NDF : 904579.1/20

All: 4600.144+/-0.840 χ^2/NDF : 1777897.9/38

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 959.150 ± 1607.705 $\chi^2/\text{NDF}: 1.4/1$

Right Out: 19.222 ± 747.810 $\chi^2/\text{NDF}: 13.3/18$

Left In: 1457.250 ± 2185.980 $\chi^2/\text{NDF}: 0.0/0$

Left: 1133.998 ± 1295.145 $\chi^2/\text{NDF}: 1.4/2$

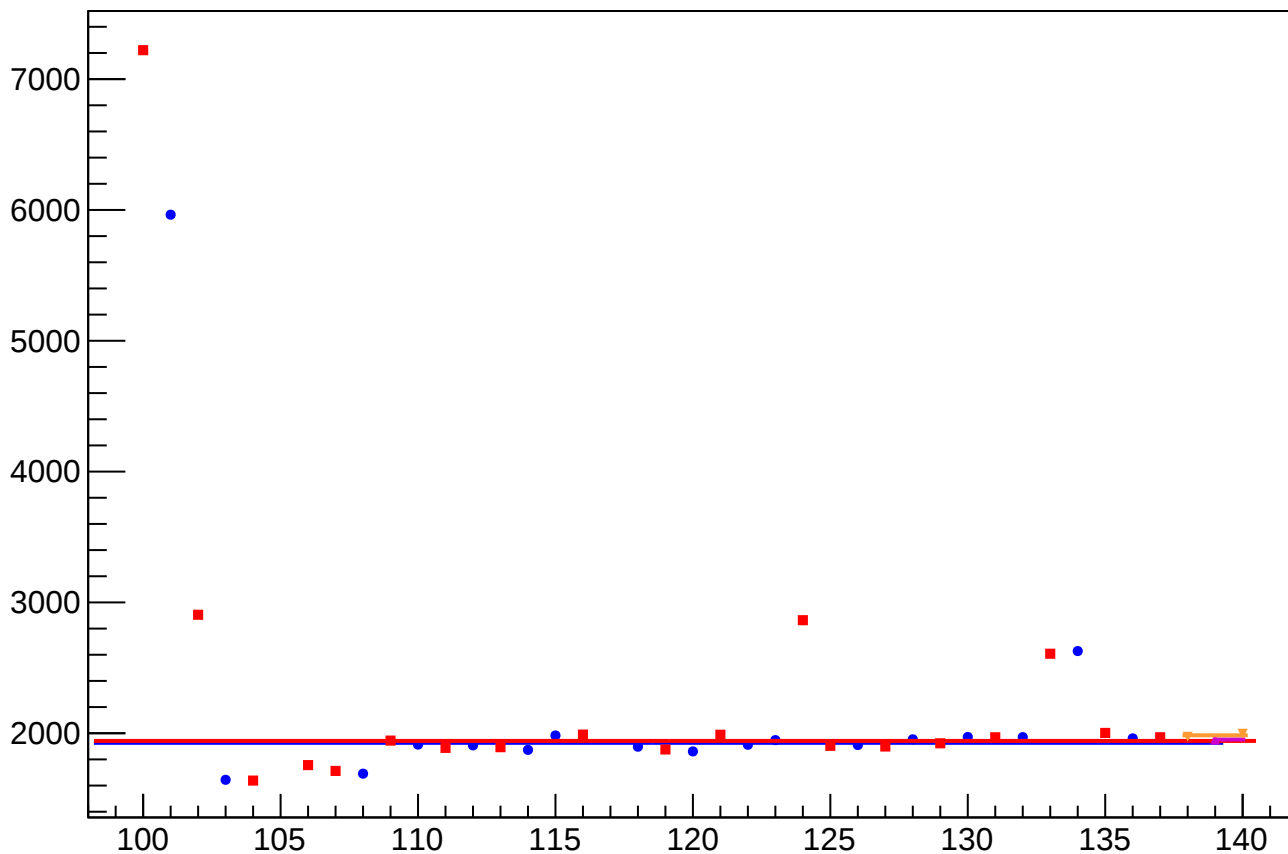
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -796.678 ± 720.354 $\chi^2/\text{NDF}: 14.9/17$

Out: 186.410 ± 678.048 $\chi^2/\text{NDF}: 15.0/20$

All: -275.420 ± 493.731 $\chi^2/\text{NDF}: 30.9/38$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1984.331+/-1.137 χ^2/NDF :103.7/1

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

Left In: 1951.867+/-1.546 χ^2/NDF :0.0/0

Left: 1972.935+/-0.916 χ^2/NDF : 390.0/2

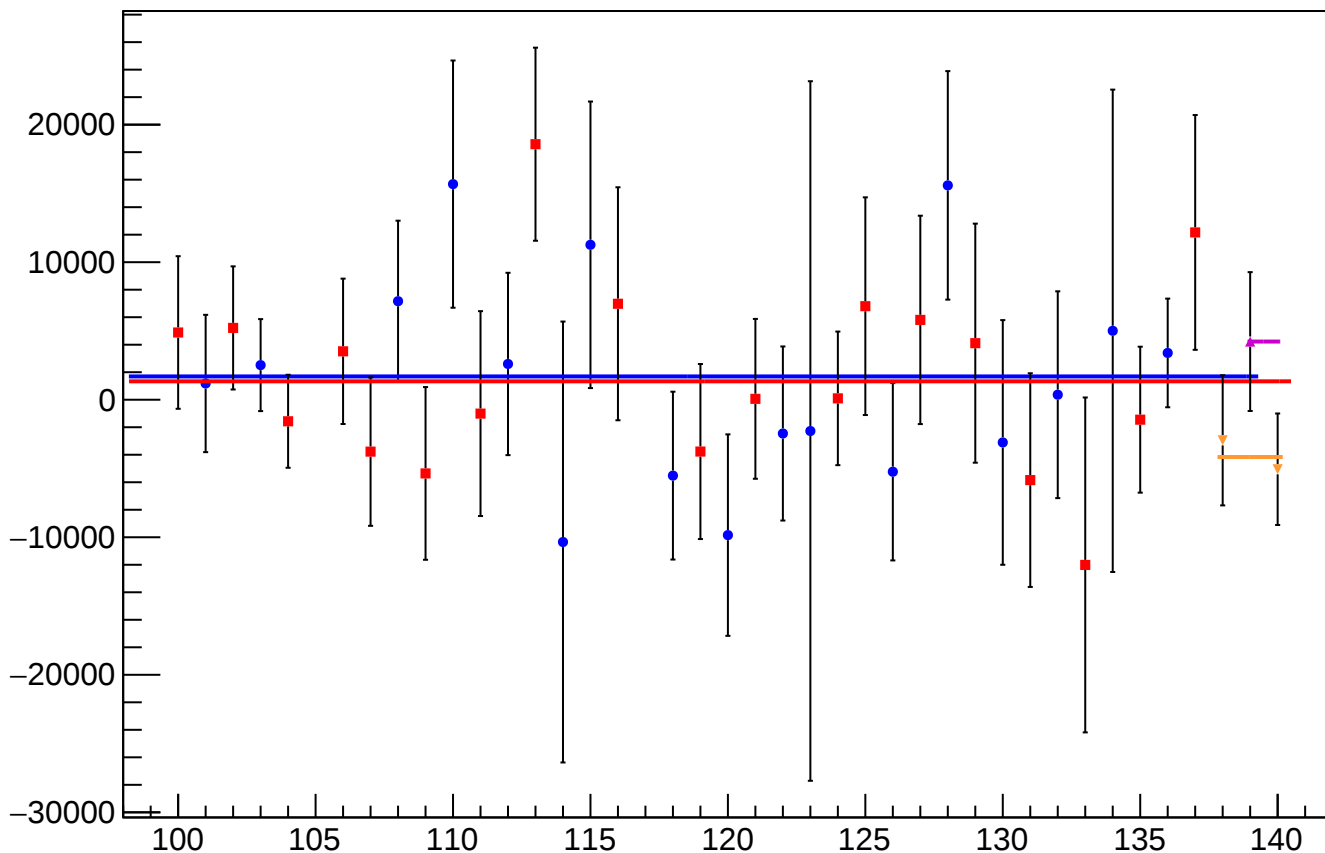
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1929.603+/-0.509 χ^2/NDF :617349.0/17

Out: 1948.912+/-0.479 χ^2/NDF :305651.5/20

All: 1939.847+/-0.349 χ^2/NDF : 923762.9/38

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4164.305+/-3078.363 χ^2/NDF : 0.1/1

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

Left In: 4229.756+/-5047.487 χ^2/NDF : 0.0/0

Left: -1888.570+/-2628.149 χ^2/NDF : 2.1/2

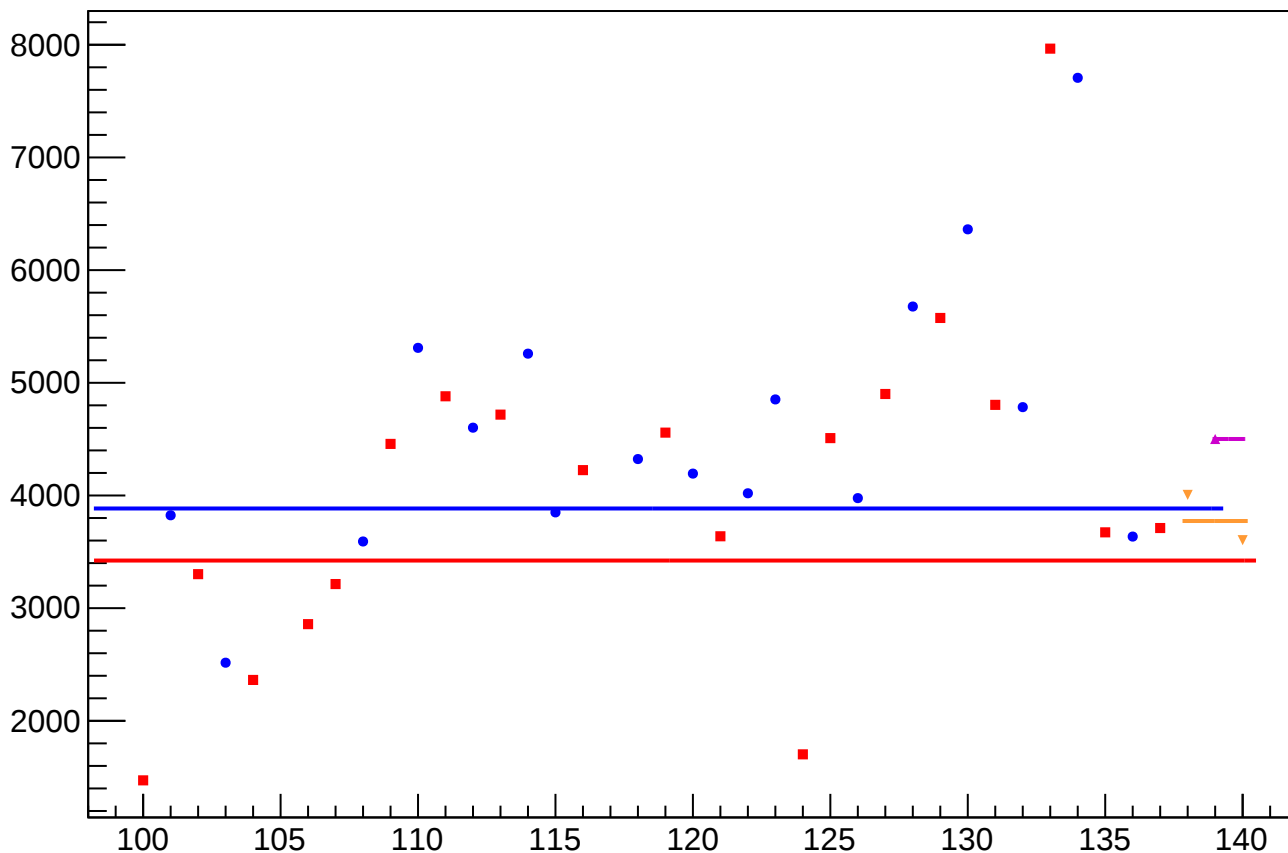
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 1912.986+/-1483.406 χ^2/NDF : 13.9/17

Out: 429.612+/-1250.885 χ^2/NDF : 19.1/20

All: 1046.060+/-956.276 χ^2/NDF : 33.5/38

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3773.506+/-2.177 χ^2/NDF : 8319.2/1

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 4501.422+/-3.569 χ^2/NDF : 0.0/0

Left: 3970.853+/-1.858 χ^2/NDF : 38637.3/2

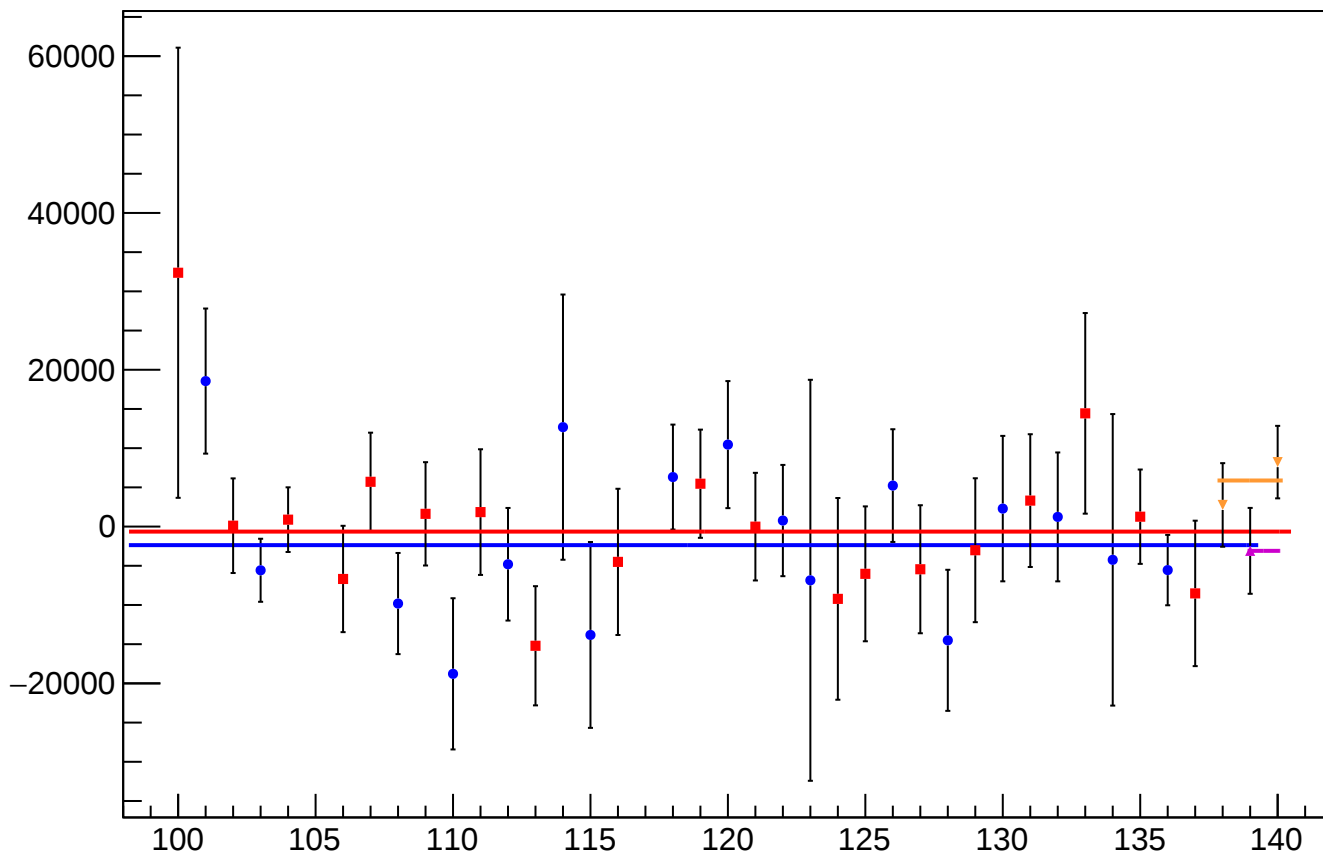
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3937.878+/-1.049 χ^2/NDF : 853851.4/17

Out: 3480.565+/-0.885 χ^2/NDF : 1620309.1/20

All: 3670.611+/-0.676 χ^2/NDF : 2585249.0/38

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2/NDF : 20.1/16

Left Out: 5876.482 $\pm$ 3492.323 χ^2/NDF : 0.6/1

Right Out: -640.916 $\pm$ 1690.165 χ^2/NDF : 11.8/18

Left In: -3096.298 $\pm$ 5476.739 χ^2/NDF : 0.0/0

Left: 3282.685 $\pm$ 2944.602 χ^2/NDF : 2.5/2

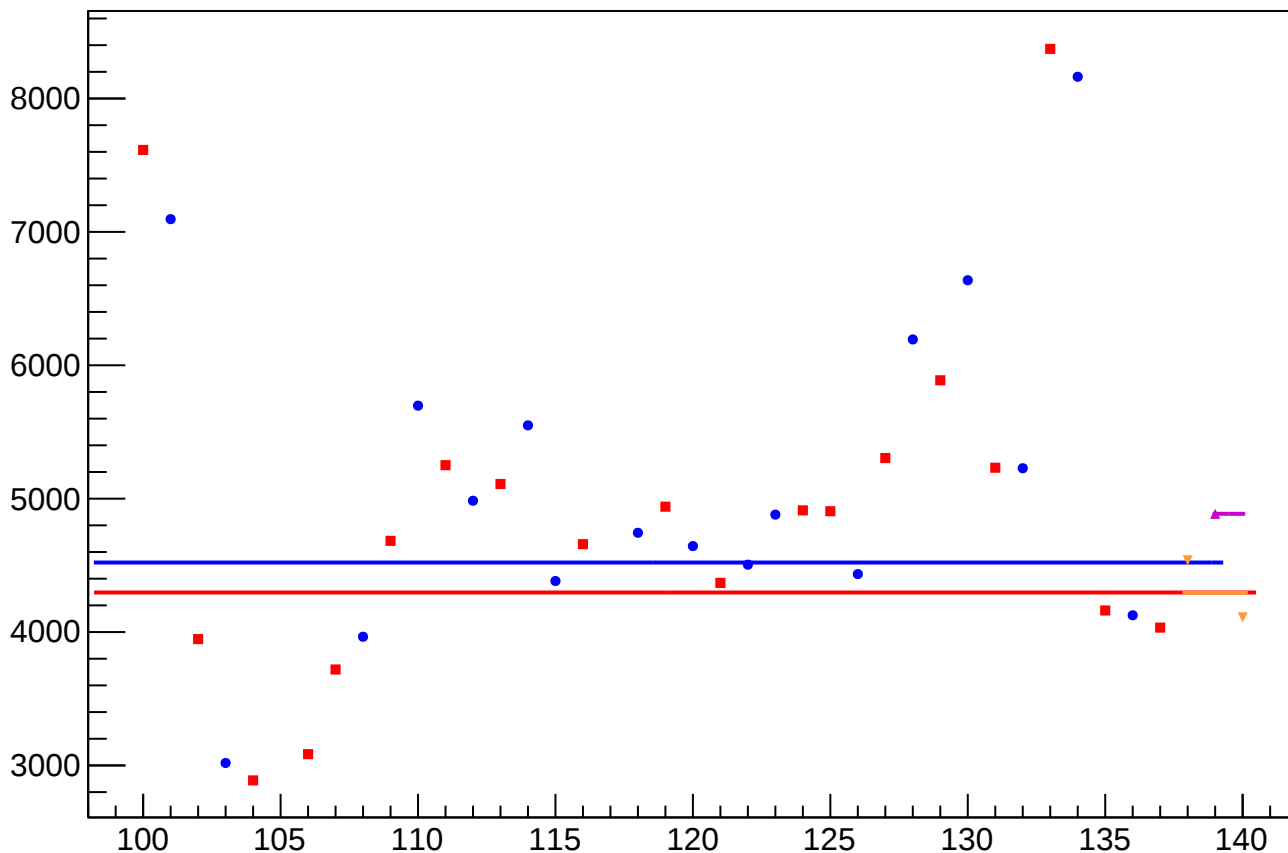
Right: -1449.011 $\pm$ 1232.750 χ^2/NDF : 32.4/35

In: -2438.712 $\pm$ 1711.676 χ^2/NDF : 20.1/17

Out: 595.915 $\pm$ 1521.361 χ^2/NDF : 15.2/20

All: -743.380 $\pm$ 1137.122 χ^2/NDF : 37.1/38

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4293.734+/-2.469 χ^2/NDF : 7350.1/1

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4886.483+/-3.873 χ^2/NDF : 0.0/0

Left: 4465.083+/-2.082 χ^2/NDF : 24005.4/2

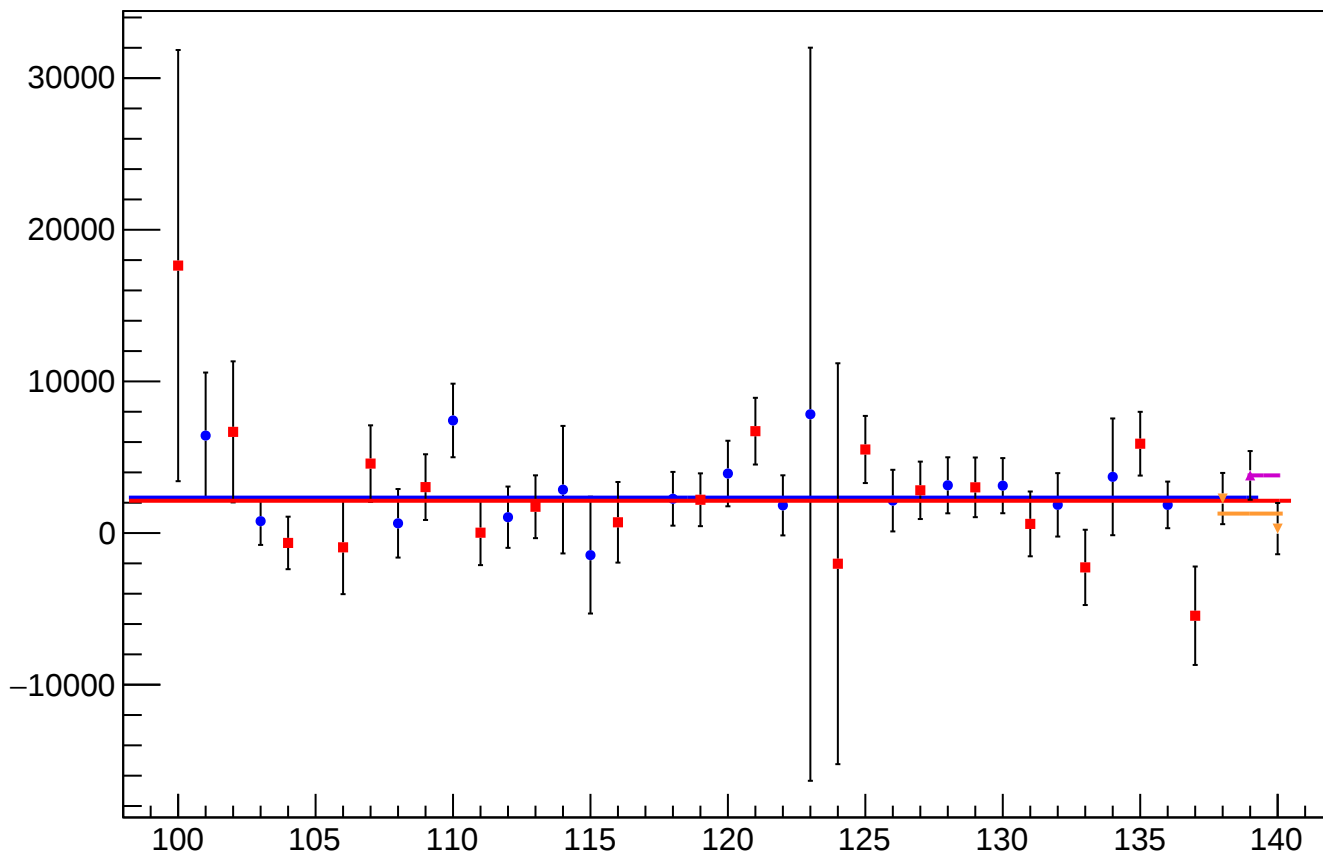
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4556.907+/-1.210 χ^2/NDF : 786701.7/17

Out: 4295.965+/-1.071 χ^2/NDF : 780561.5/20

All: 4410.549+/-0.802 χ^2/NDF : 1593333.6/38

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975+/-531.132 χ^2/NDF : 9.6/16

Left Out: 1283.284+/-1194.545 χ^2/NDF : 0.7/1

Right Out: 2129.457+/-539.223 χ^2/NDF : 27.5/18

Left In: 3802.499+/-1604.789 χ^2/NDF : 0.0/0

Left: 2181.461+/-958.223 χ^2/NDF : 2.3/2

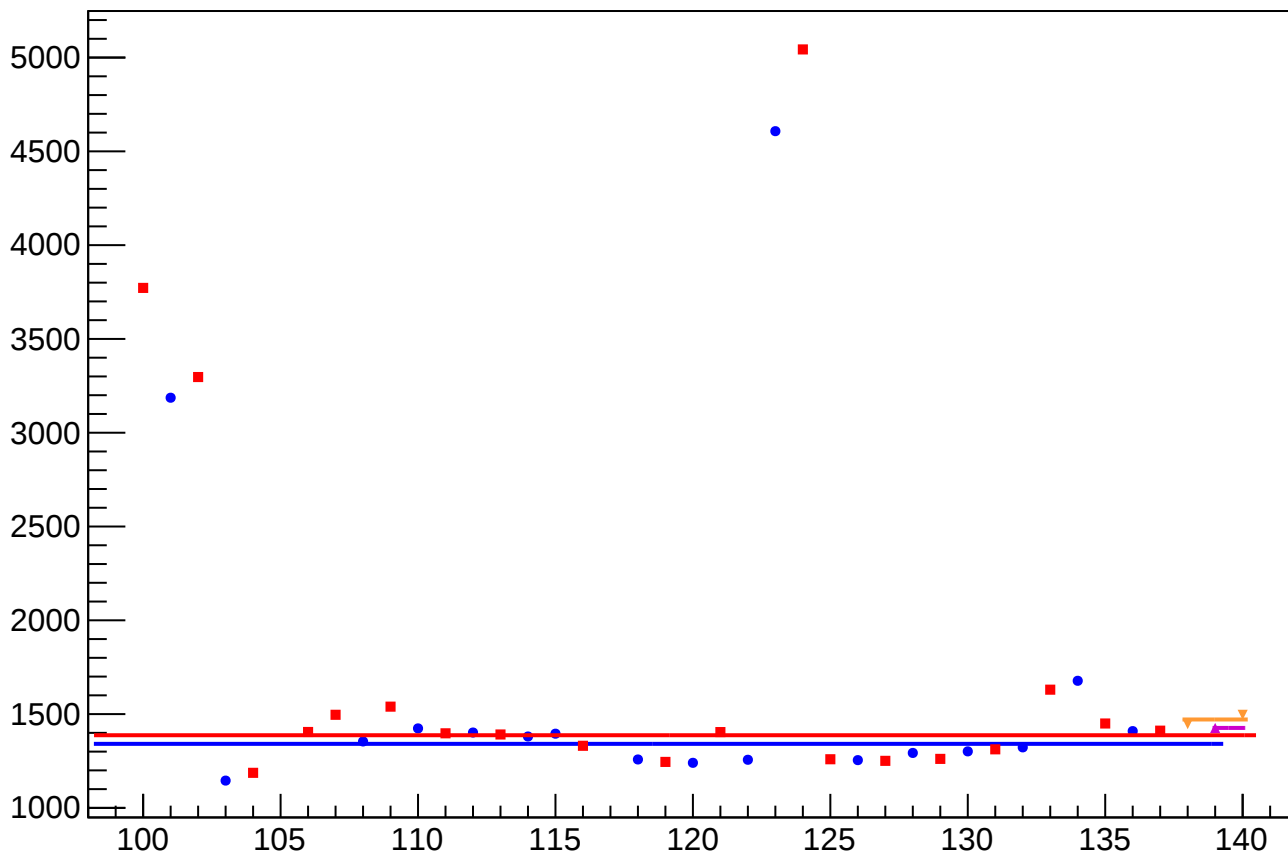
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2481.659+/-504.233 χ^2/NDF : 10.4/17

Out: 1986.222+/-491.470 χ^2/NDF : 28.7/20

All: 2227.591+/-351.948 χ^2/NDF : 39.5/38

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: 1471.264+/-0.845 χ^2/NDF : 875.5/1

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

Left In: 1426.294+/-1.135 χ^2/NDF : 0.0/0

Left: 1455.231+/-0.678 χ^2/NDF : 1886.0/2

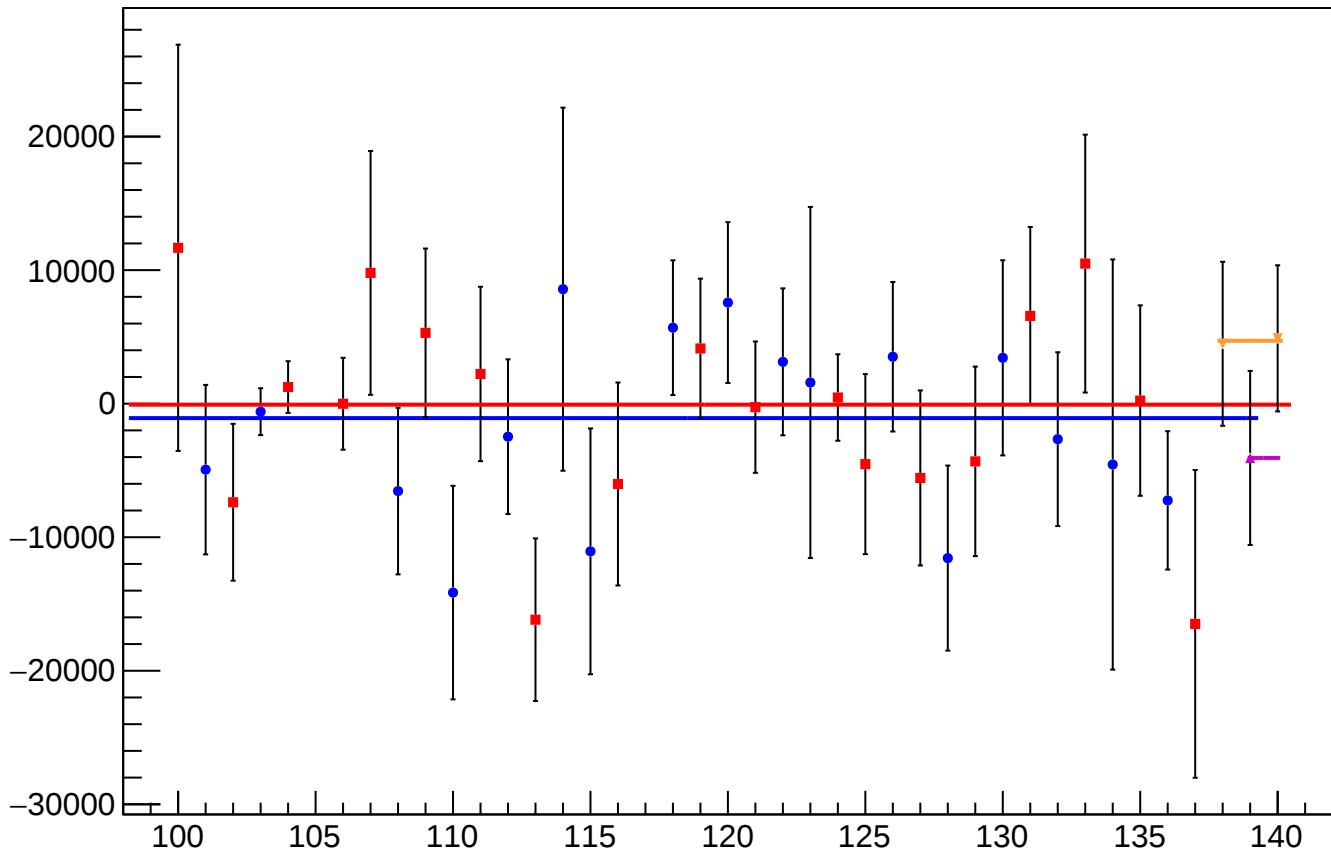
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1349.758+/-0.357 χ^2/NDF : 509319.5/17

Out: 1401.542+/-0.347 χ^2/NDF : 659269.1/20

All: 1376.323+/-0.249 χ^2/NDF : 1179410.2/38

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: 4711.459 ± 4085.573 $\chi^2/\text{NDF}: 0.0/1$

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

Left In: -4062.616 ± 6516.073 $\chi^2/\text{NDF}: 0.0/0$

Left: 2235.495 ± 3461.445 $\chi^2/\text{NDF}: 1.3/2$

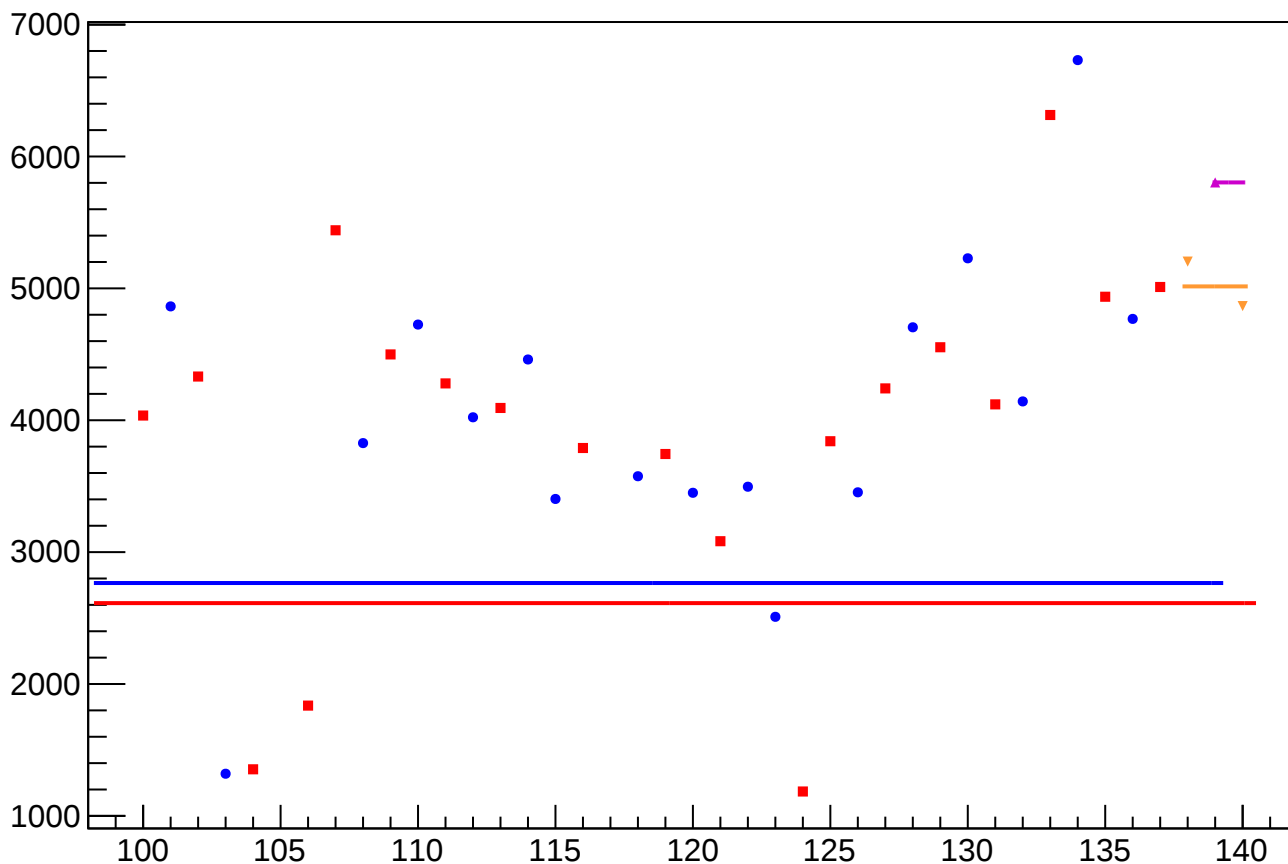
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -1180.804 ± 1191.927 $\chi^2/\text{NDF}: 15.2/17$

Out: 263.870 ± 1085.724 $\chi^2/\text{NDF}: 19.9/20$

All: -391.250 ± 802.648 $\chi^2/\text{NDF}: 35.9/38$

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: 5014.913+/-2.889 χ^2/NDF : 3364.8/1

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

Left In: 5803.346+/-4.608 χ^2/NDF : 0.0/0

Left: 5237.401+/-2.448 χ^2/NDF : 24383.1/2

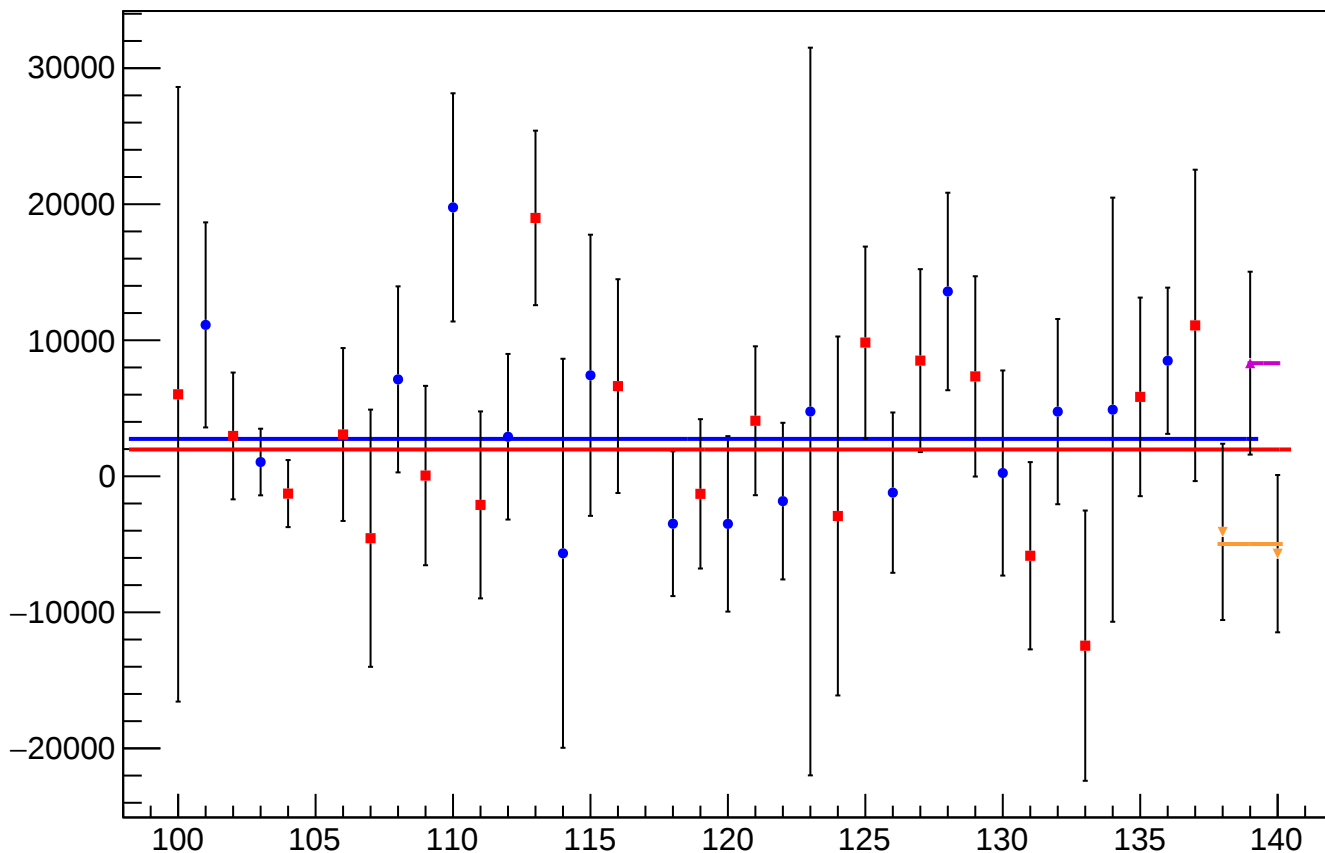
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 2867.375+/-0.843 χ^2/NDF : 3359172.6/17

Out: 2782.967+/-0.768 χ^2/NDF : 3985525.1/20

All: 2821.244+/-0.568 χ^2/NDF : 7350179.4/38

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: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

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

Left In: 8315.996+/-6722.512 χ^2/NDF : 0.0/0

Left: -1099.798+/-3630.932 χ^2/NDF : 2.8/2

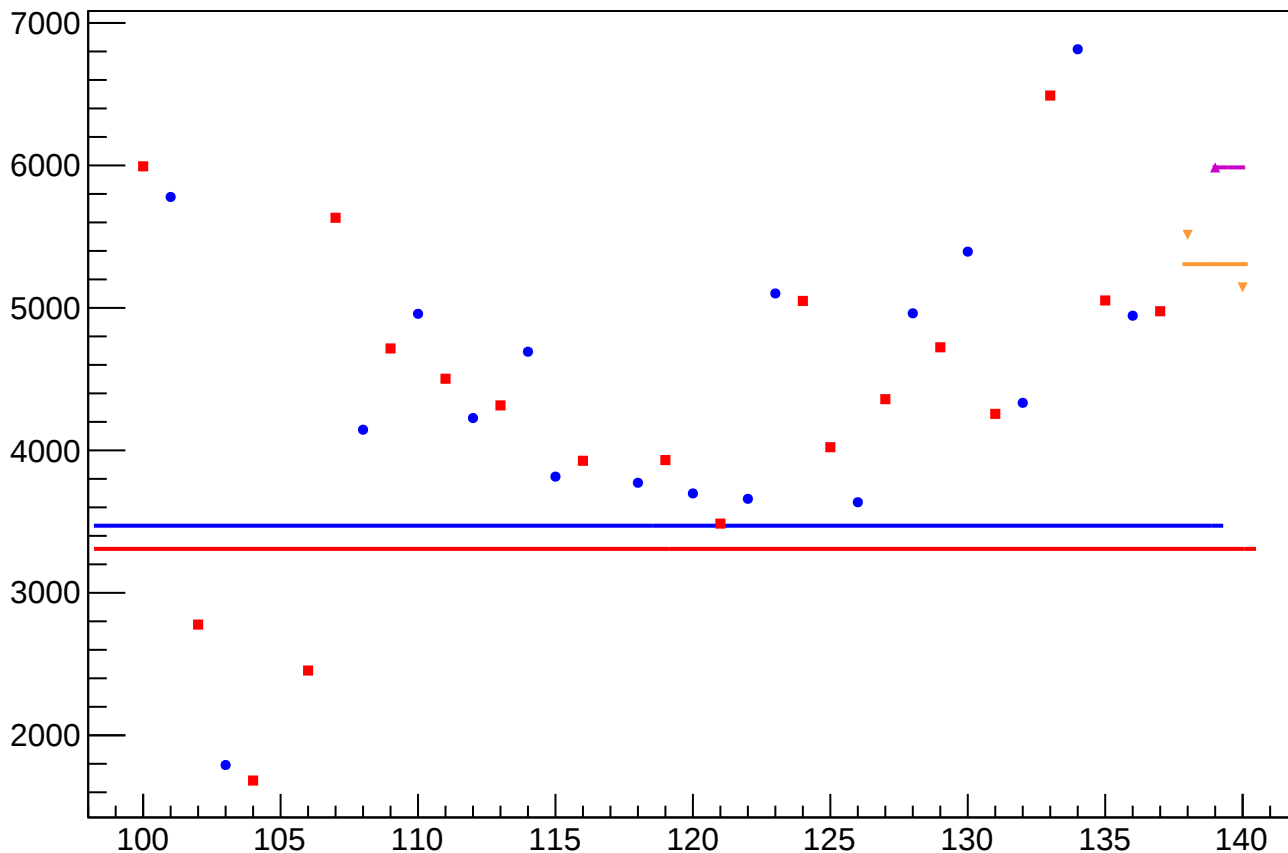
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2994.699+/-1414.263 χ^2/NDF : 14.4/17

Out: 1324.720+/-1315.875 χ^2/NDF : 20.2/20

All: 2099.605+/-963.370 χ^2/NDF : 35.4/38

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: 5307.252+/-3.051 χ^2/NDF : 3609.6/1

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

Left In: 5986.200+/-4.754 χ^2/NDF : 0.0/0

Left: 5505.318+/-2.567 χ^2/NDF : 18058.7/2

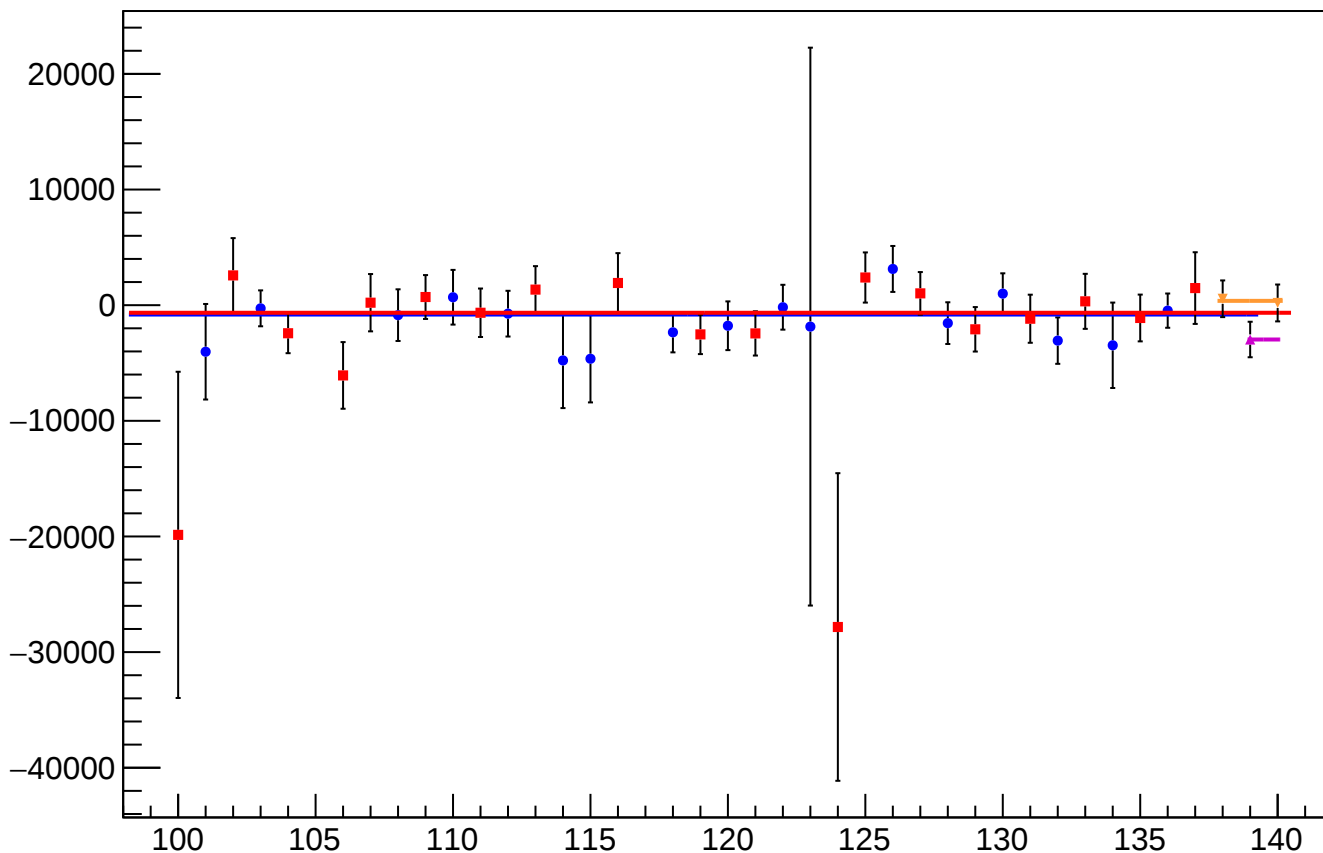
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3582.461+/-1.000 χ^2/NDF : 2035439.9/17

Out: 3491.409+/-0.923 χ^2/NDF : 2307954.2/20

All: 3533.282+/-0.678 χ^2/NDF : 4347871.8/38

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: 373.777+/-1124.501 χ^2/NDF : 0.0/1

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

Left In: -2968.021+/-1535.170 χ^2/NDF : 0.0/0

Left: -793.144+/-907.166 χ^2/NDF : 3.1/2

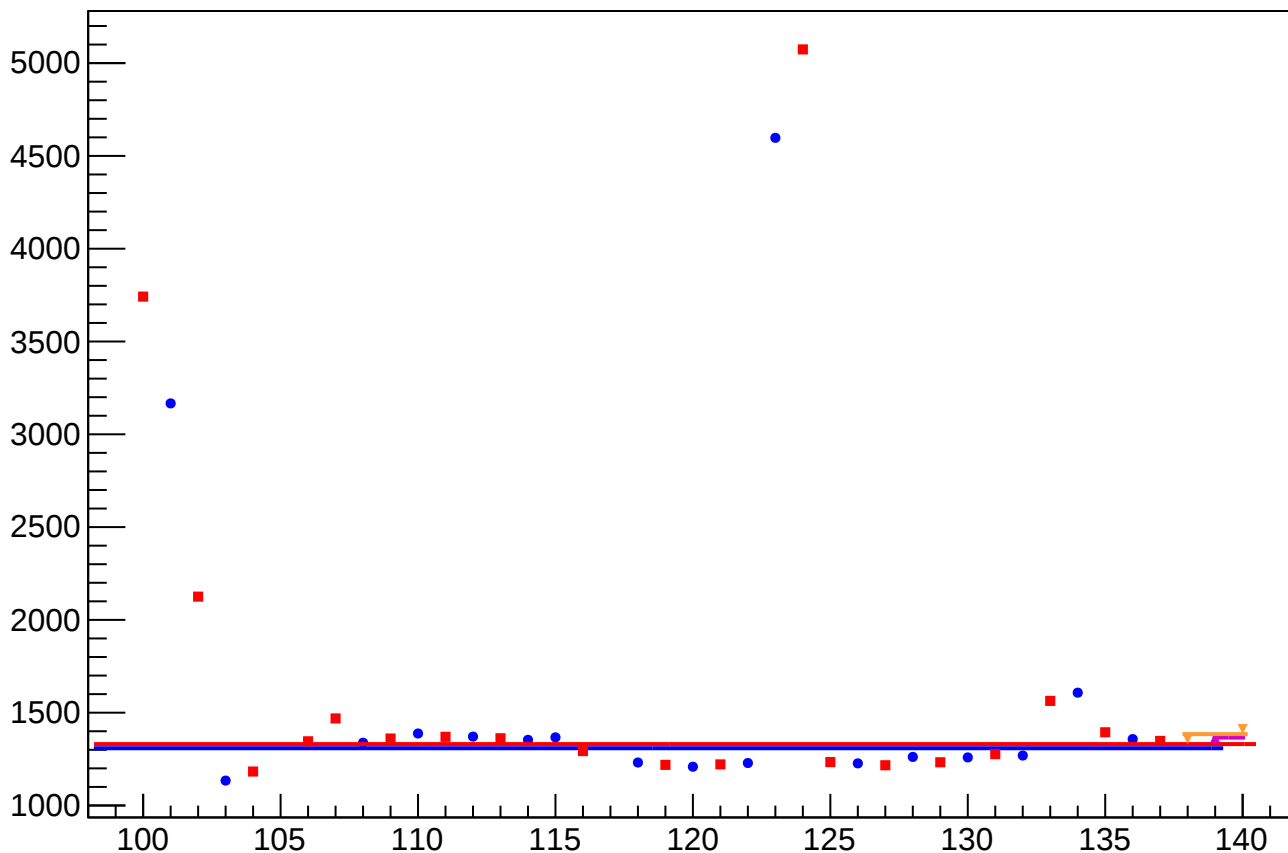
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -1029.846+/-490.974 χ^2/NDF : 13.0/17

Out: -477.897+/-467.921 χ^2/NDF : 21.1/20

All: -740.610+/-338.727 χ^2/NDF : 34.8/38

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1384.548+/-0.795 χ^2/NDF :1126.7/1

Right Out: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

Left In: 1365.747+/-1.086 χ^2/NDF :0.0/0

Left: 1377.983+/-0.641 χ^2/NDF : 1321.9/2

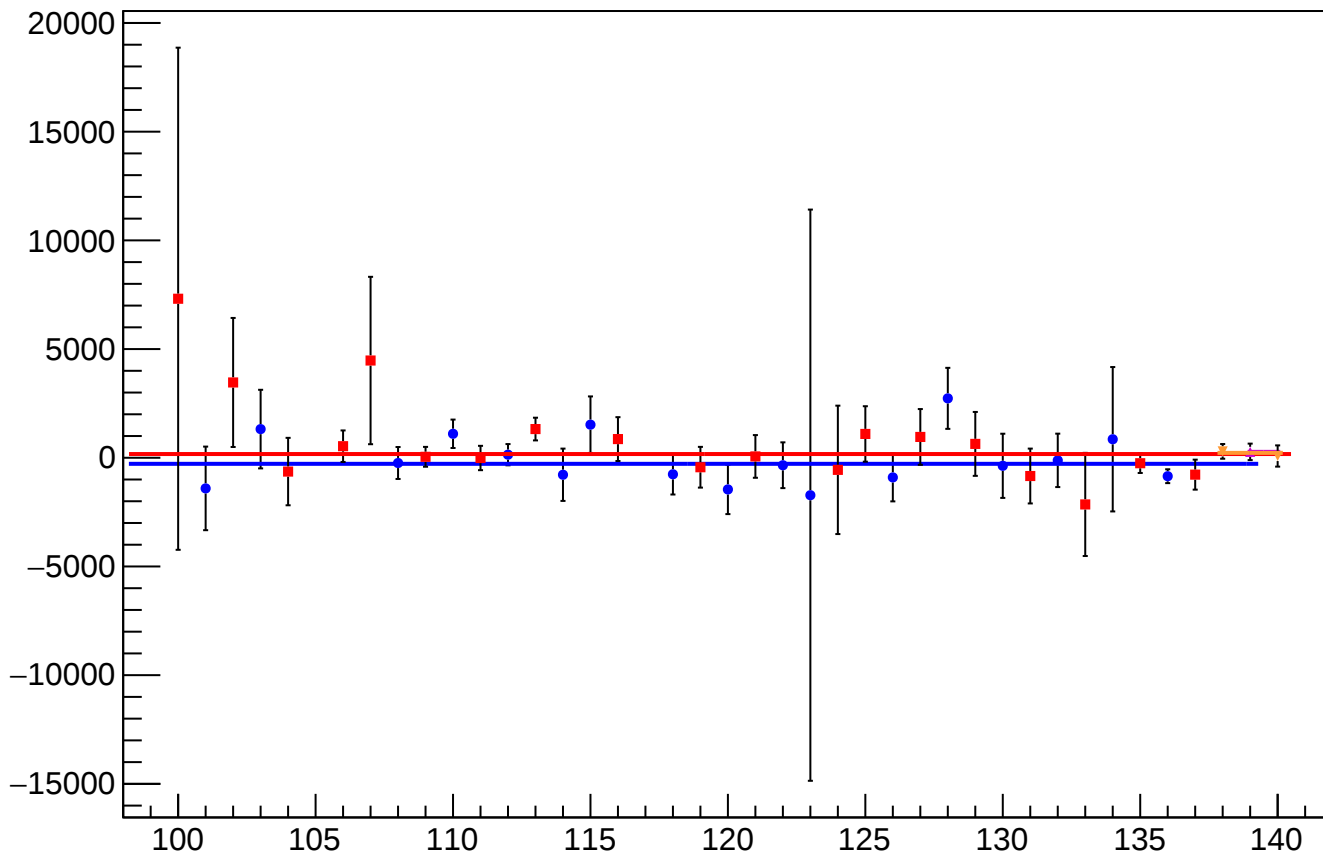
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1314.236+/-0.347 χ^2/NDF :509053.4/17

Out: 1340.156+/-0.331 χ^2/NDF :420741.8/20

All: 1327.819+/-0.240 χ^2/NDF : 932716.3/38

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: 224.746 ± 278.125 χ^2/NDF : 0.1/1

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

Left In: 271.771 ± 378.782 χ^2/NDF : 0.0/0

Left: 241.218 ± 224.182 χ^2/NDF : 0.1/2

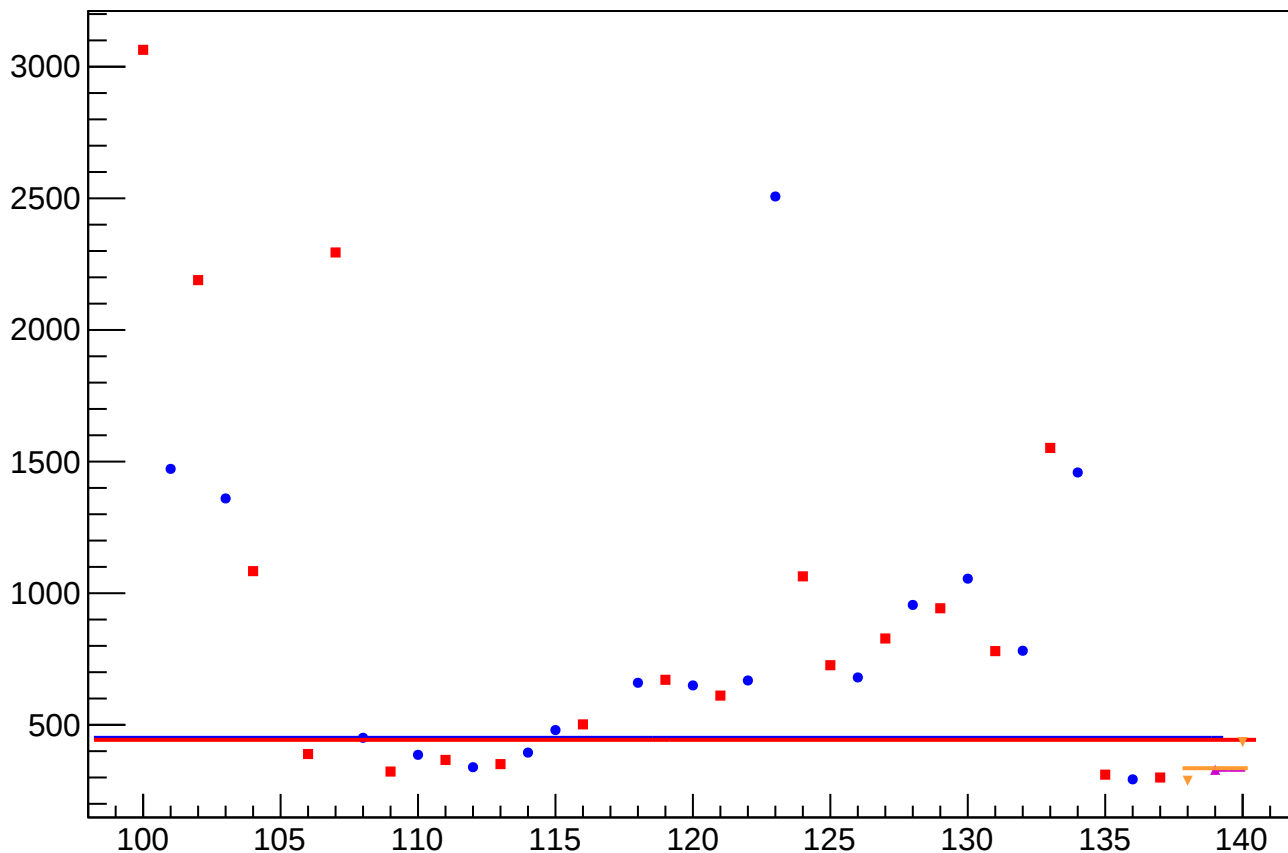
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -160.459 ± 175.558 χ^2/NDF : 19.7/17

Out: 188.804 ± 158.263 χ^2/NDF : 14.9/20

All: 32.219 ± 117.549 χ^2/NDF : 36.8/38

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: 335.278+/-0.197 χ^2/NDF :122194.9/1

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

Left In: 329.267+/-0.268 χ^2/NDF :0.0/0

Left: 333.172+/-0.159 χ^2/NDF : 122522.2/2

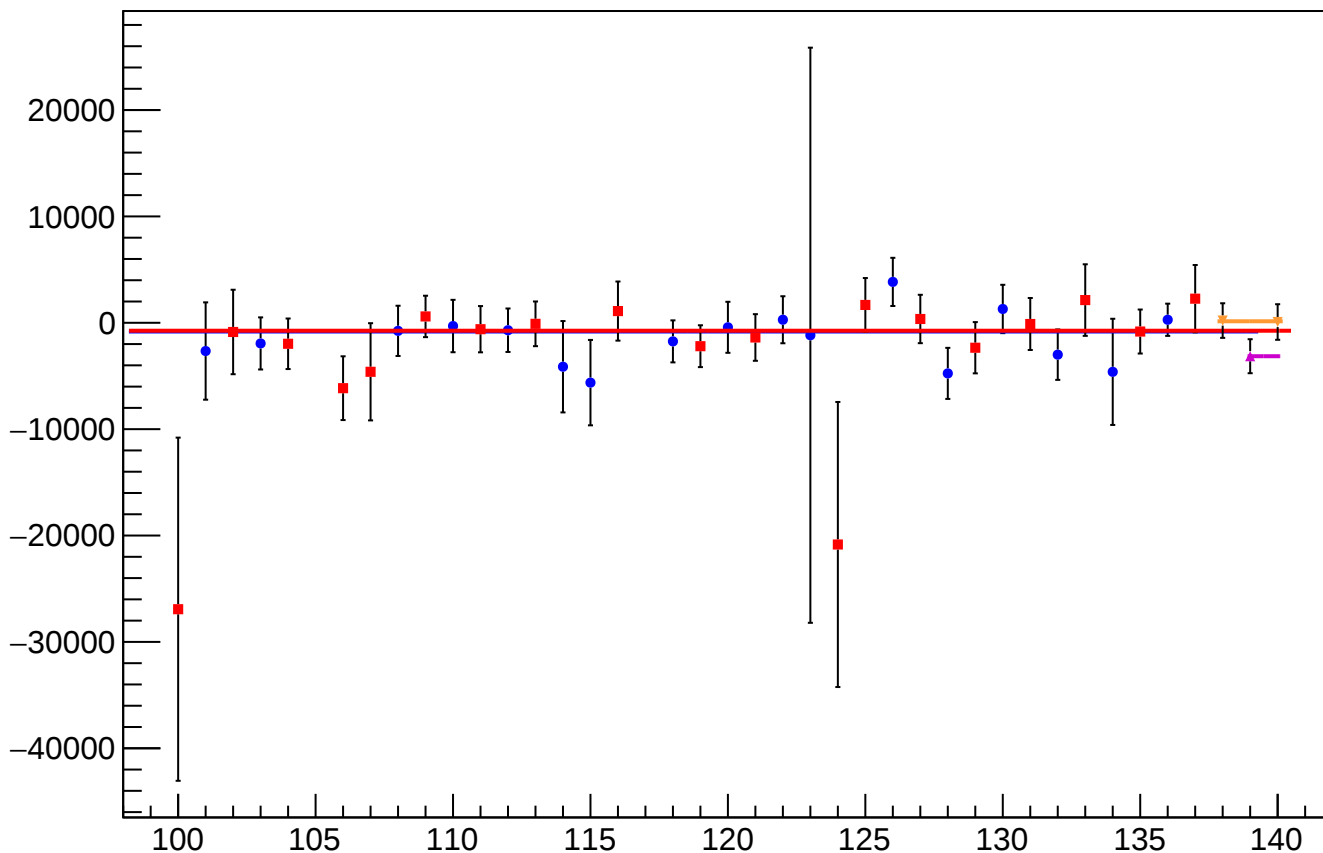
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 424.532+/-0.124 χ^2/NDF :3158855.6/17

Out: 408.184+/-0.112 χ^2/NDF :3796805.2/20

All: 415.514+/-0.083 χ^2/NDF : 6965228.5/38

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: 143.054+/-1165.837 χ^2/NDF : 0.0/1

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

Left In: -3142.332+/-1597.844 χ^2/NDF : 0.0/0

Left: -998.330+/-941.797 χ^2/NDF : 2.8/2

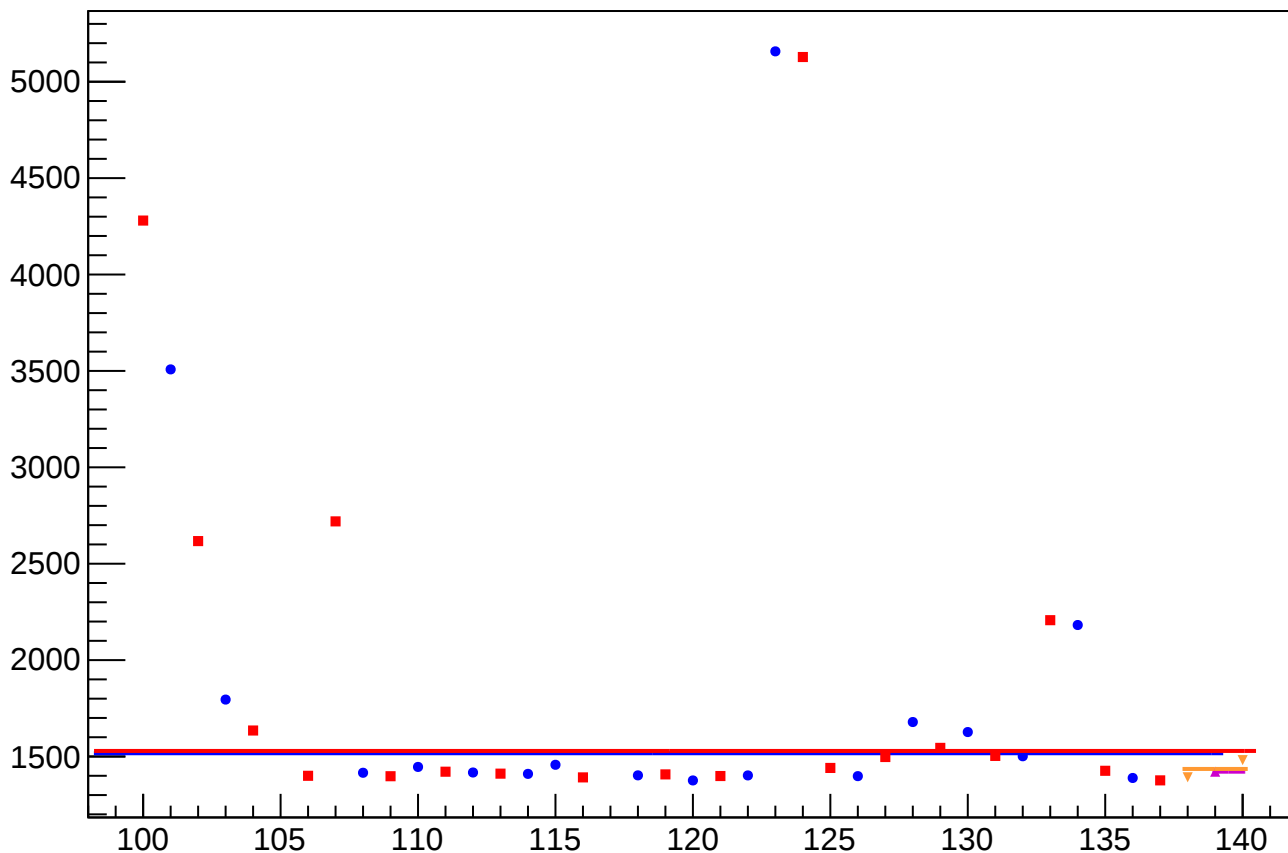
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -1105.425+/-562.647 χ^2/NDF : 14.6/17

Out: -562.248+/-530.435 χ^2/NDF : 14.5/20

All: -817.843+/-385.959 χ^2/NDF : 29.6/38

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: 1435.457+/-0.824 χ^2/NDF : 2911.2/1

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

Left In: 1421.330+/-1.130 χ^2/NDF : 0.0/0

Left: 1430.549+/-0.666 χ^2/NDF : 3013.2/2

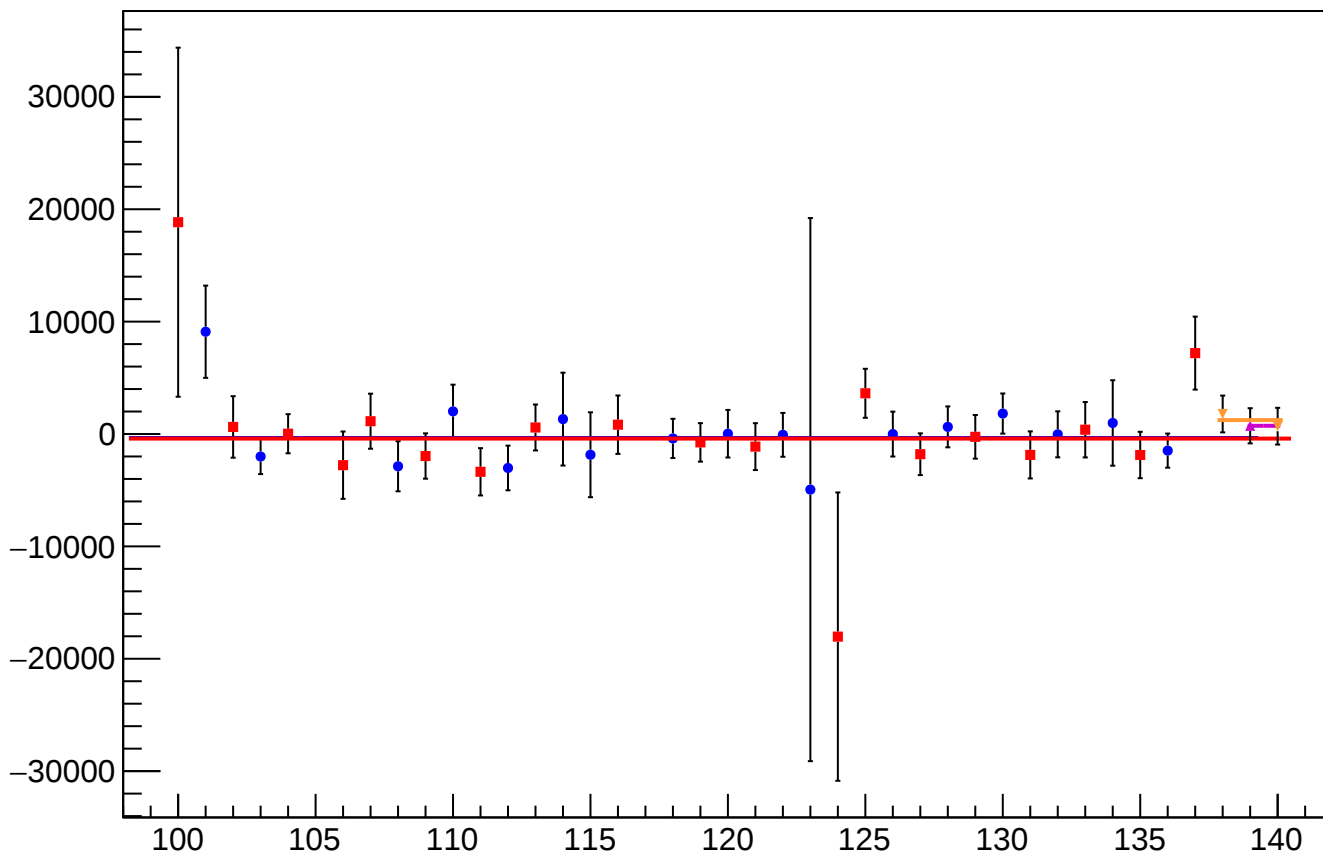
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1505.081+/-0.398 χ^2/NDF : 547311.9/17

Out: 1509.522+/-0.375 χ^2/NDF : 643271.8/20

All: 1507.432+/-0.273 χ^2/NDF : 1190649.7/38

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: 1237.281+/-1157.194 χ^2/NDF : 0.2/1

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

Left In: 730.377+/-1565.091 χ^2/NDF : 0.0/0

Left: 1058.114+/-930.478 χ^2/NDF : 0.3/2

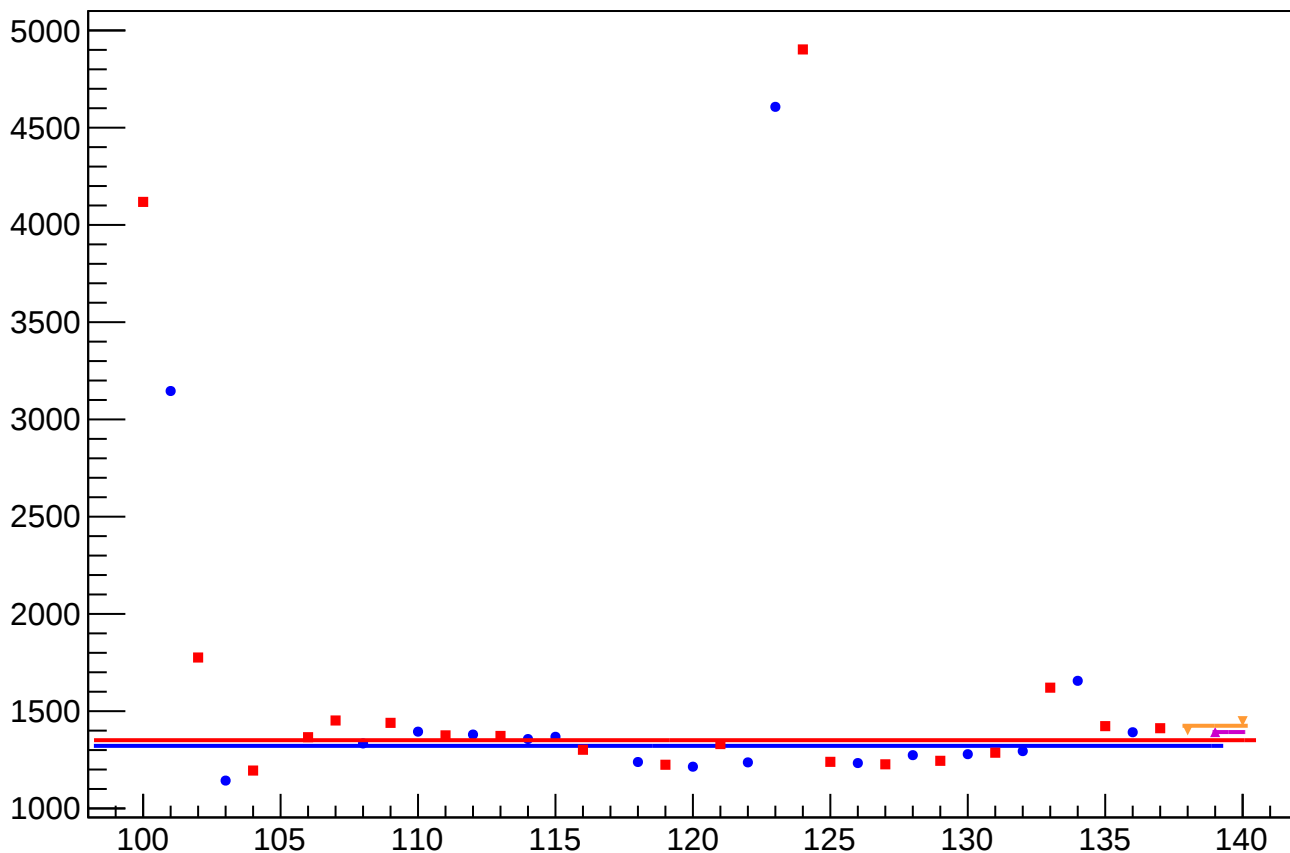
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -244.171+/-496.314 χ^2/NDF : 13.8/17

Out: -129.269+/-475.864 χ^2/NDF : 20.3/20

All: -184.304+/-343.489 χ^2/NDF : 34.1/38

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: 1425.018+/-0.818 χ^2/NDF : 825.5/1

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

Left In: 1392.620+/-1.107 χ^2/NDF : 0.0/0

Left: 1413.567+/-0.658 χ^2/NDF : 1379.6/2

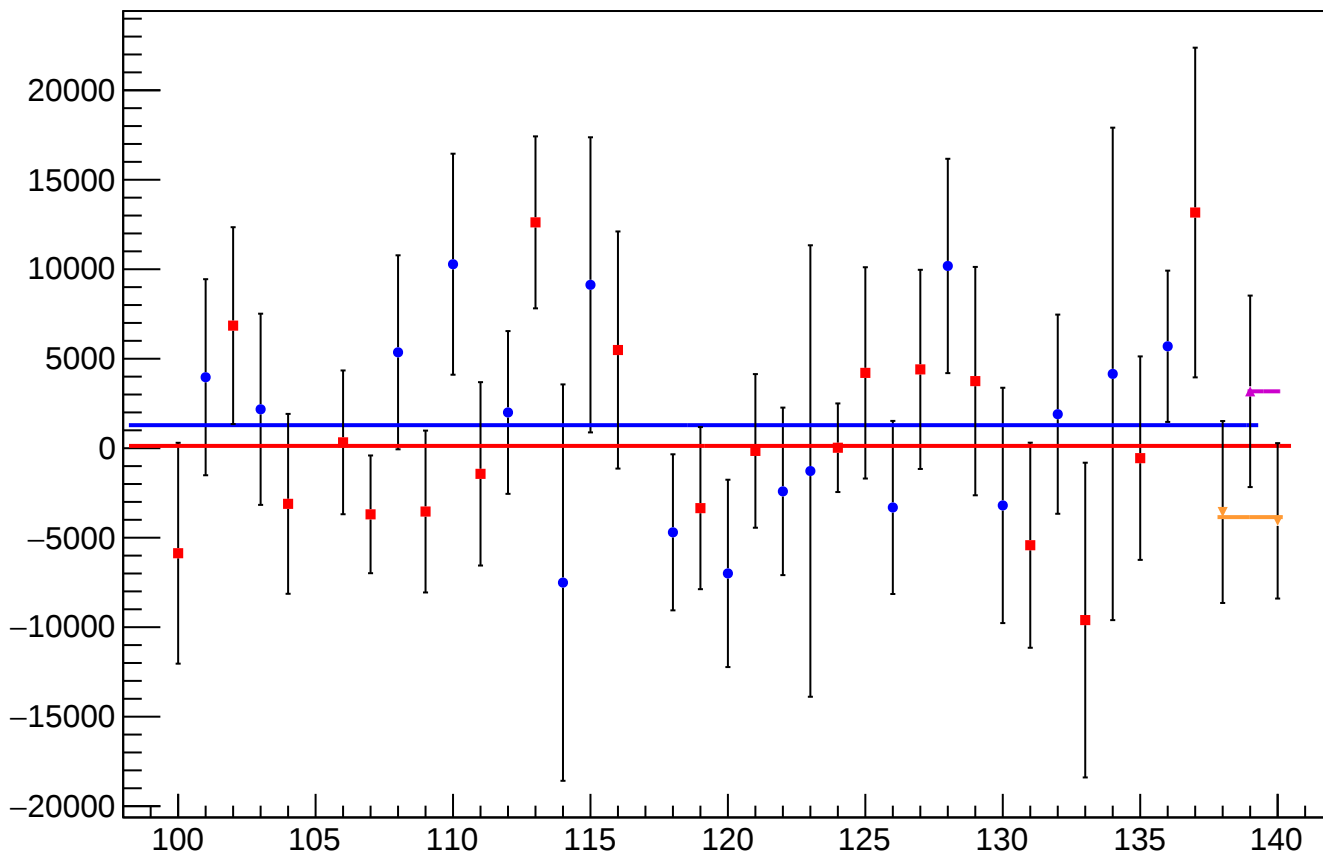
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1328.834+/-0.351 χ^2/NDF : 505939.2/17

Out: 1363.317+/-0.336 χ^2/NDF : 357551.3/20

All: 1346.808+/-0.243 χ^2/NDF : 868522.8/38

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: -3849.926+/-3301.240 χ^2/NDF : 0.0/1

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

Left In: 3178.237+/-5349.833 χ^2/NDF : 0.0/0

Left: -1911.759+/-2809.409 χ^2/NDF : 1.3/2

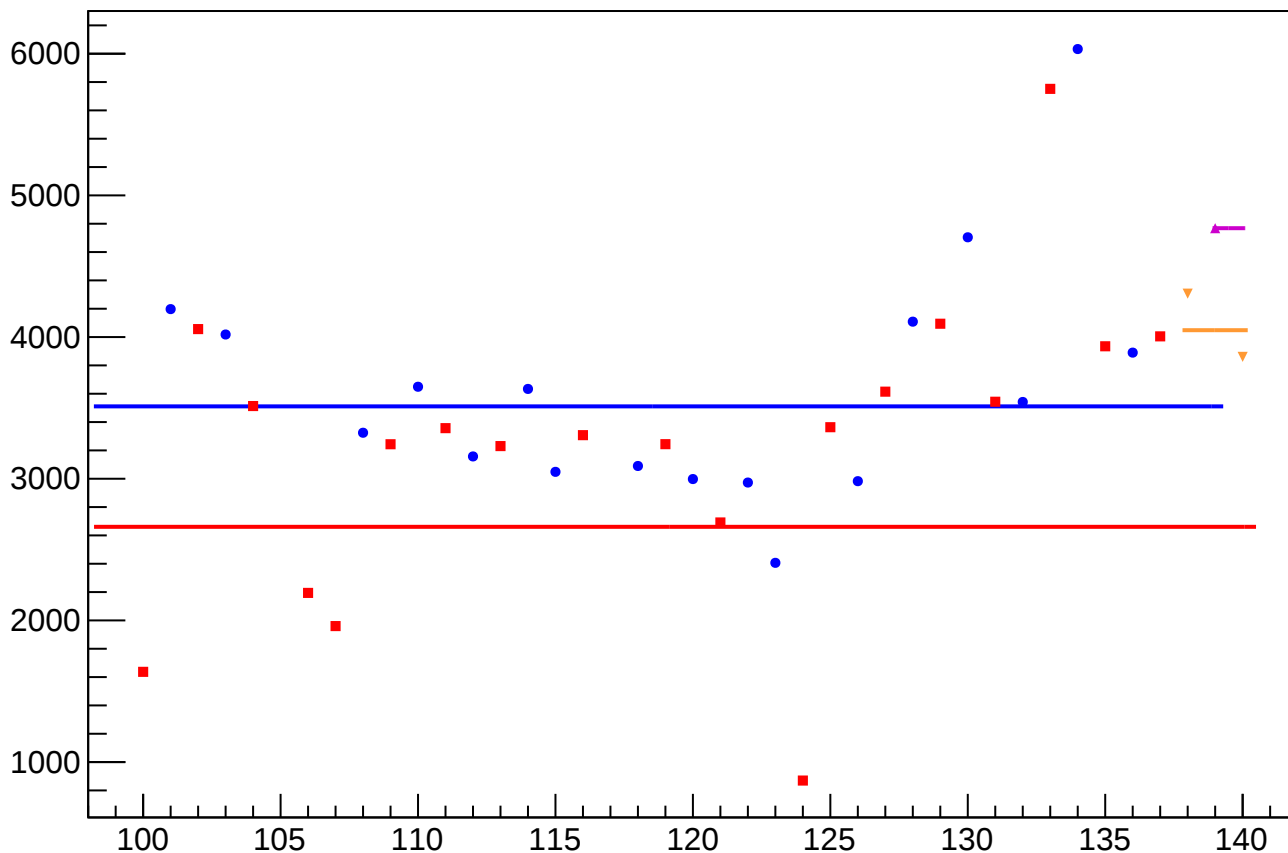
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 1404.790+/-1332.493 χ^2/NDF : 14.4/17

Out: -261.025+/-1033.539 χ^2/NDF : 19.9/20

All: 364.710+/-816.670 χ^2/NDF : 35.2/38

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: 4048.459+/-2.334 χ^2/NDF : 8908.4/1

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

Left In: 4768.483+/-3.783 χ^2/NDF : 0.0/0

Left: 4247.021+/-1.987 χ^2/NDF : 35145.7/2

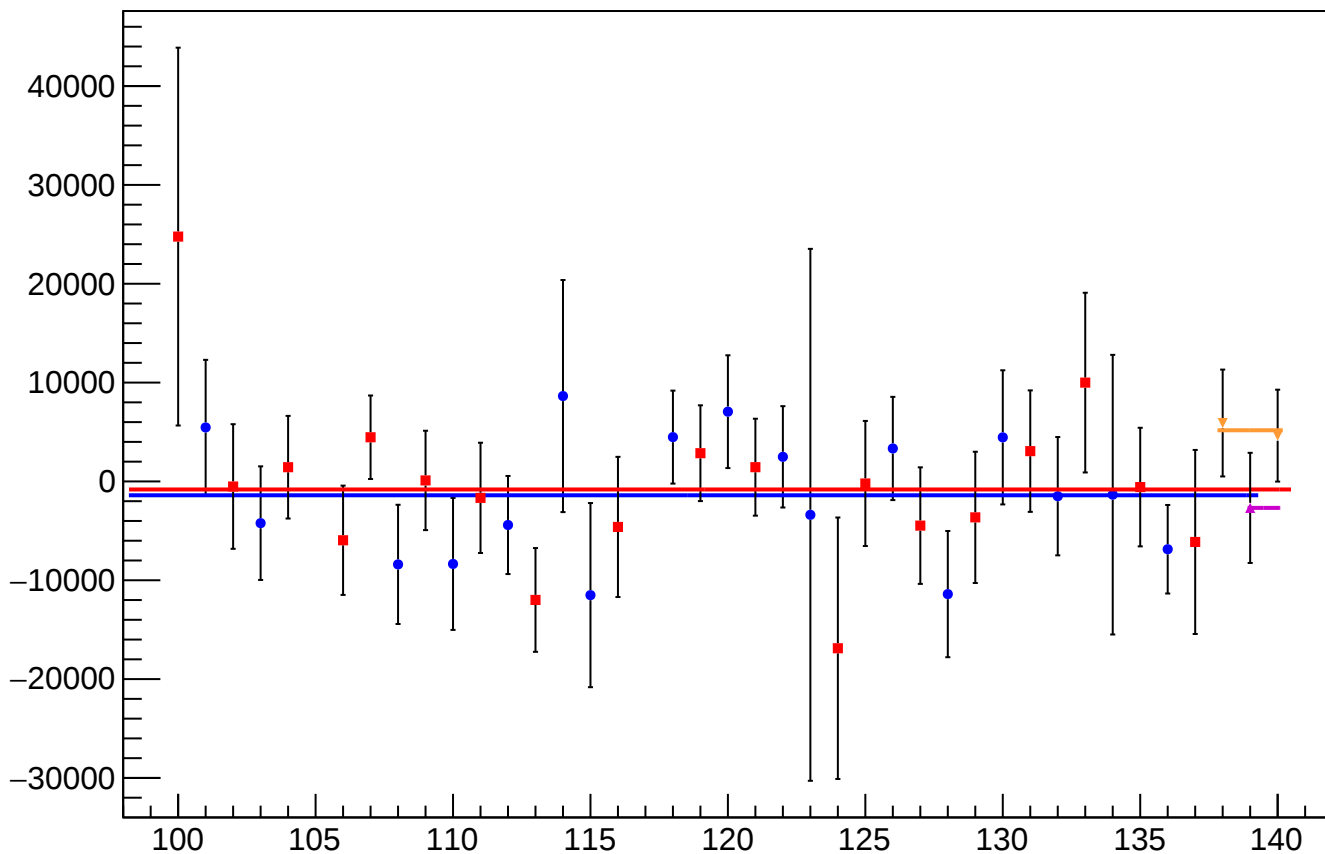
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3588.821+/-0.942 χ^2/NDF : 447730.4/17

Out: 2796.666+/-0.731 χ^2/NDF : 2510384.1/20

All: 3094.226+/-0.577 χ^2/NDF : 3399441.9/38

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 χ^2/NDF : 15.8/16

Left Out: 5175.069 ± 3524.577 χ^2/NDF : 0.0/1

Right Out: -814.071 ± 1379.106 χ^2/NDF : 14.3/18

Left In: -2677.652 ± 5571.653 χ^2/NDF : 0.0/0

Left: 2930.748 ± 2978.629 χ^2/NDF : 1.5/2

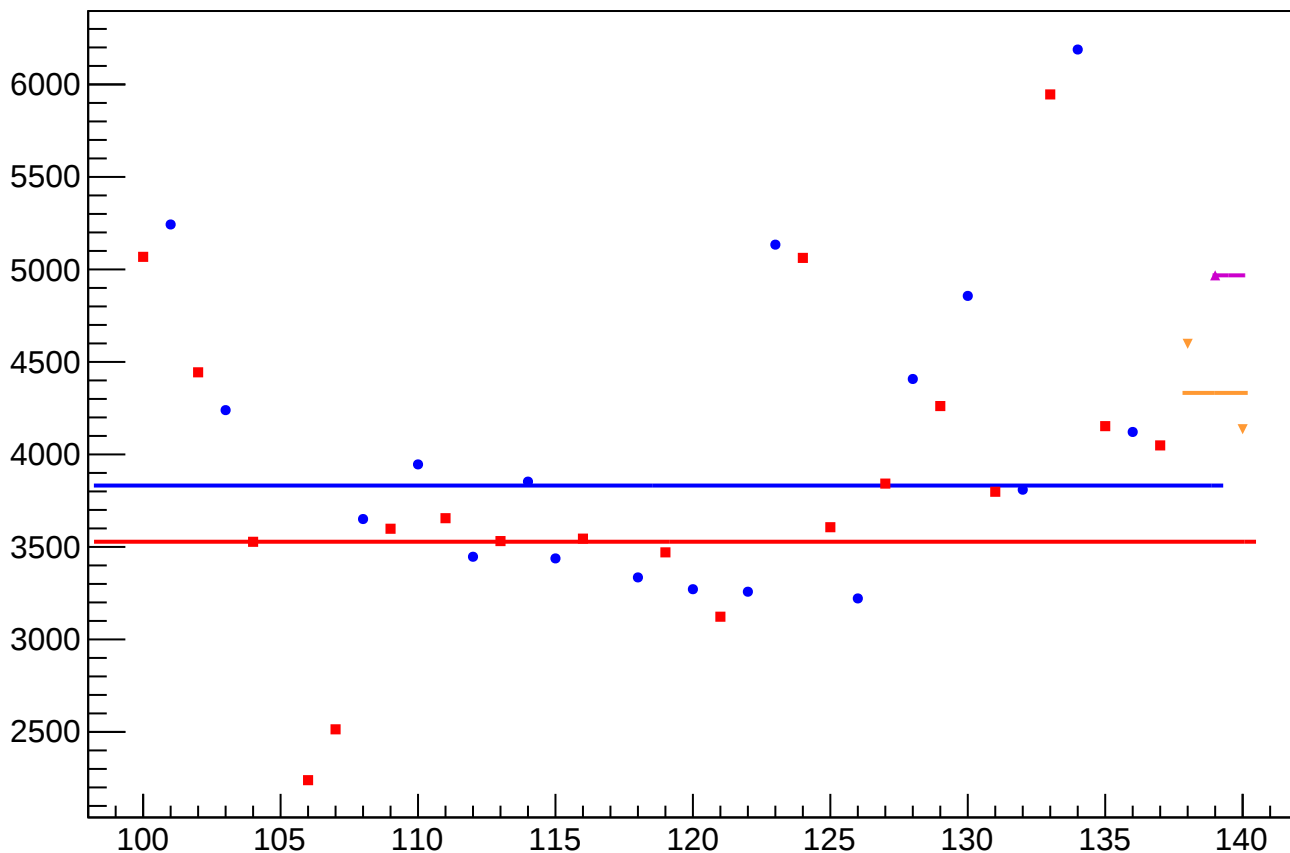
Right: -1082.331 ± 1016.512 χ^2/NDF : 30.1/35

In: -1488.135 ± 1452.163 χ^2/NDF : 15.8/17

Out: -18.869 ± 1284.292 χ^2/NDF : 16.8/20

All: -663.706 ± 962.033 χ^2/NDF : 33.2/38

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4332.586+/-2.492 χ^2/NDF : 8385.1/1

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4968.039+/-3.940 χ^2/NDF : 0.0/0

Left: 4514.200+/-2.106 χ^2/NDF : 26965.2/2

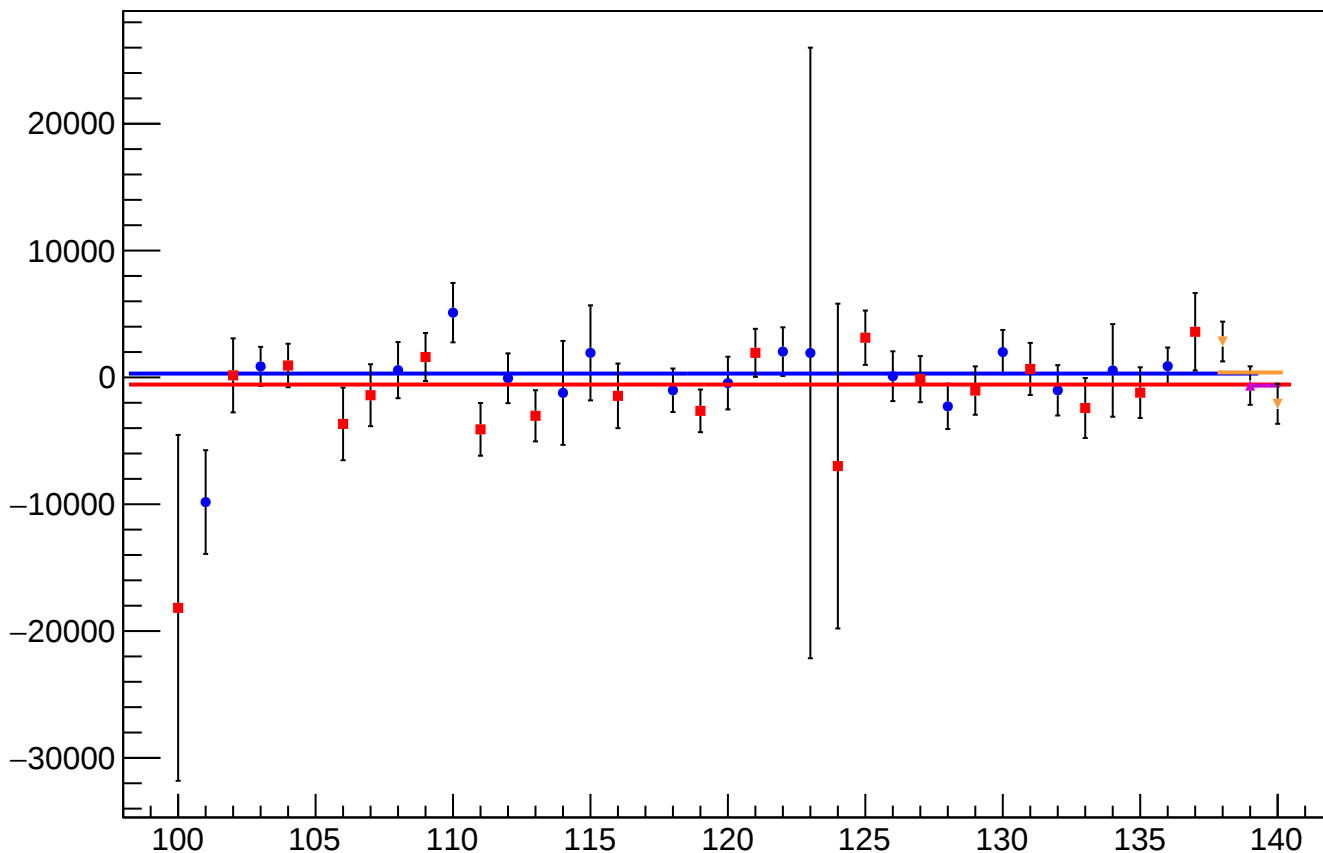
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 3908.998+/-1.027 χ^2/NDF : 415231.2/17

Out: 3633.234+/-0.901 χ^2/NDF : 656157.2/20

All: 3753.190+/-0.677 χ^2/NDF : 1112140.4/38

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: 389.598 $\pm$ 1112.208 χ^2 /NDF:4.9/1

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -644.849 $\pm$ 1517.967 χ^2 /NDF:0.0/0

Left: 28.249 $\pm$ 897.163 χ^2 /NDF: 5.2/2

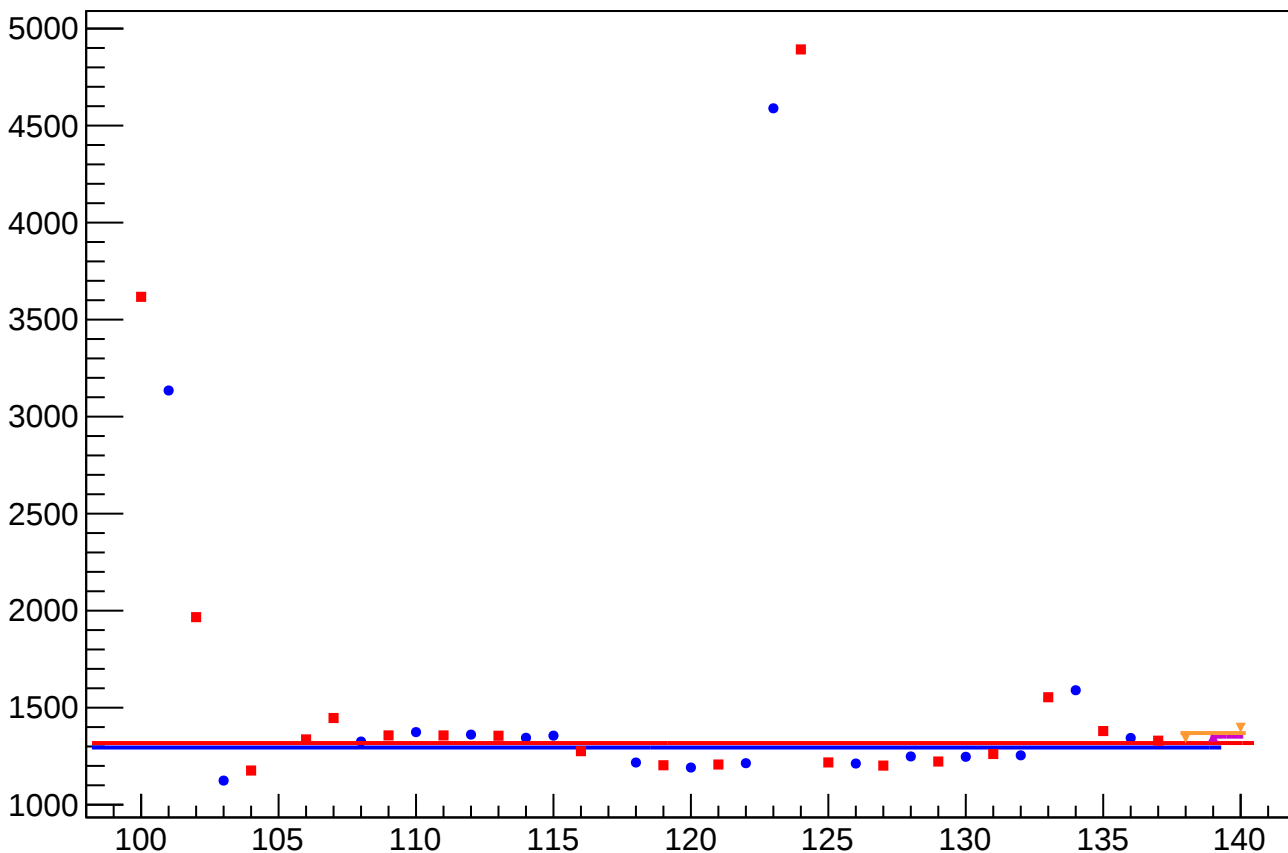
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 204.971 $\pm$ 485.856 χ^2 /NDF:16.4/17

Out: -397.760 $\pm$ 462.331 χ^2 /NDF:24.6/20

All: -111.339 $\pm$ 334.925 χ^2 /NDF: 41.8/38

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1369.283+/-0.786 χ^2/NDF :1168.2/1

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1350.638+/-1.073 χ^2/NDF :0.0/0

Left: 1362.770+/-0.634 χ^2/NDF : 1364.5/2

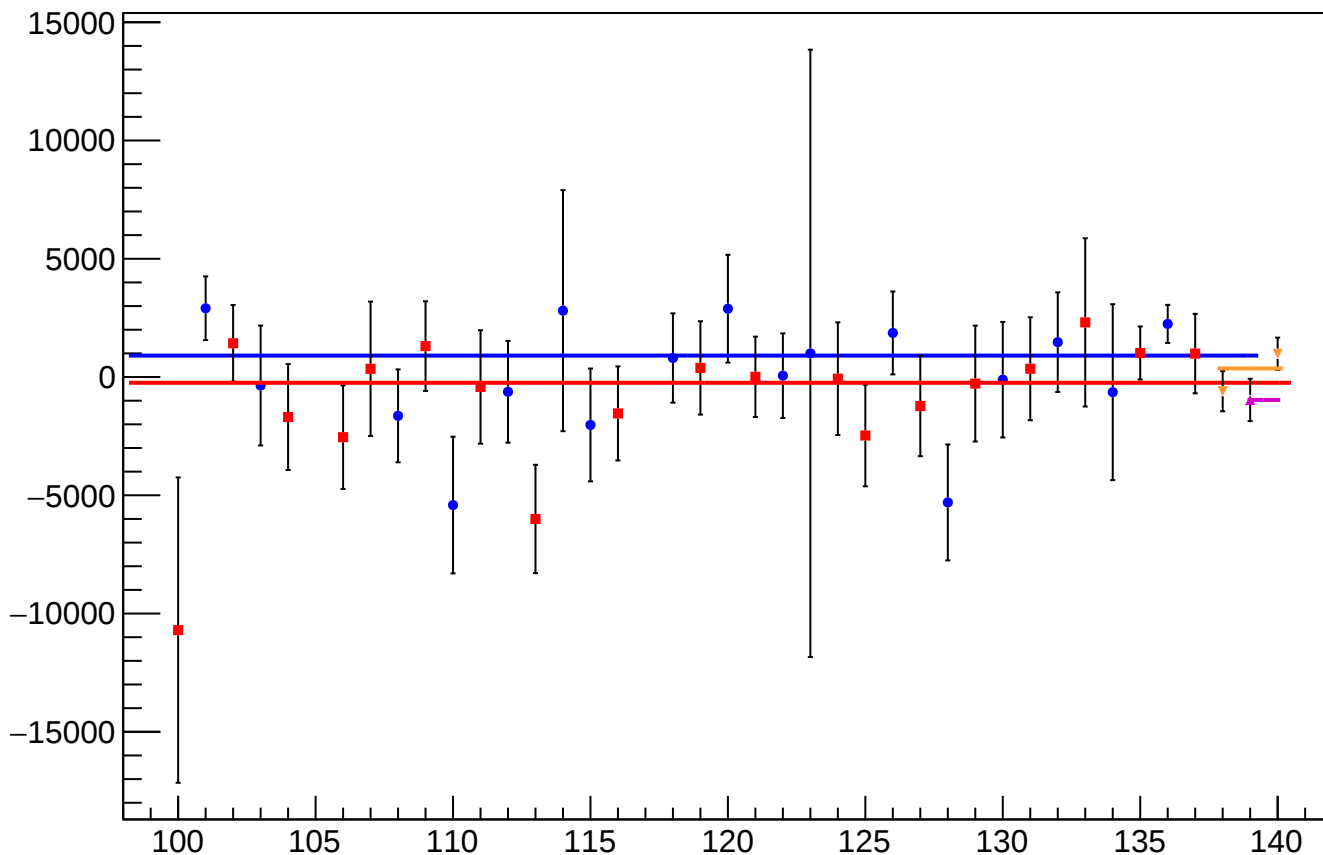
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1300.457+/-0.344 χ^2/NDF :510239.1/17

Out: 1326.687+/-0.327 χ^2/NDF :395522.1/20

All: 1314.222+/-0.237 χ^2/NDF : 908820.3/38

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 363.149+/-532.183 χ^2/NDF : 2.1/1

Right Out: -242.305+/-463.339 χ^2/NDF : 16.5/18

Left In: -968.707+/-895.419 χ^2/NDF : 0.0/0

Left: 15.491+/-457.482 χ^2/NDF : 3.7/2

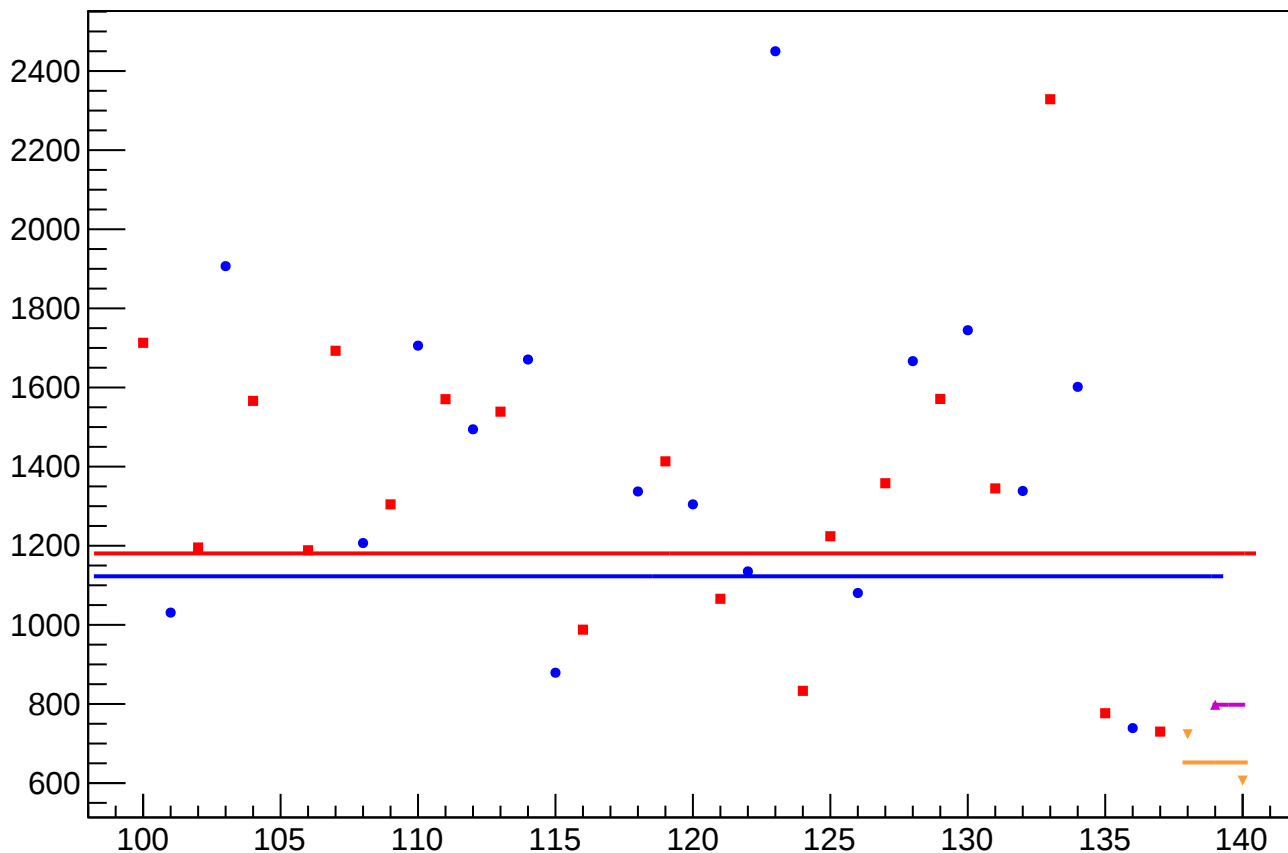
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 520.692+/-406.230 χ^2/NDF : 25.5/17

Out: 18.752+/-349.452 χ^2/NDF : 19.3/20

All: 232.221+/-264.919 χ^2/NDF : 45.7/38

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: 652.145+/-0.376 χ^2/NDF : 23059.6/1

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 798.050+/-0.633 χ^2/NDF : 0.0/0

Left: 690.231+/-0.323 χ^2/NDF : 62300.8/2

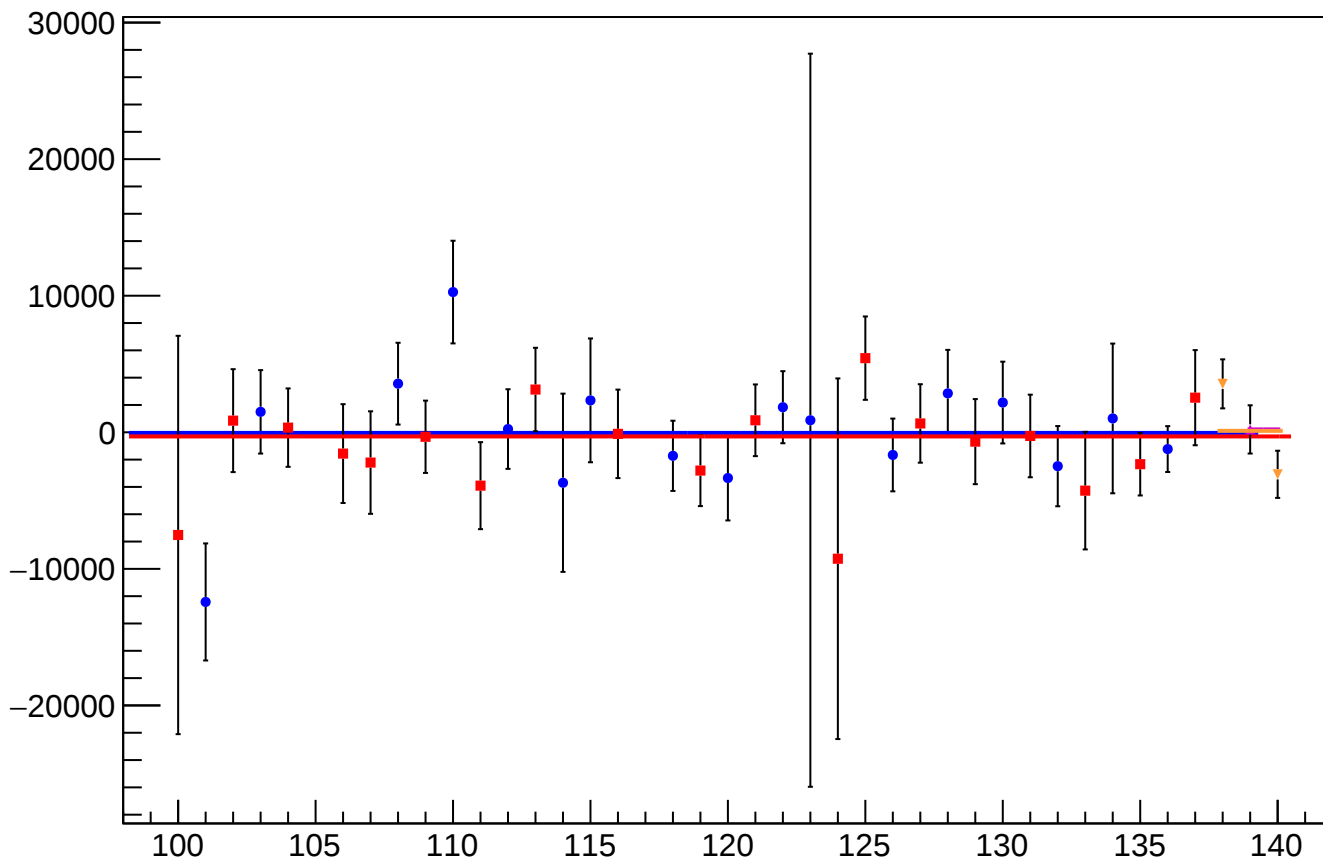
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 1055.938+/-0.287 χ^2/NDF : 1396888.7/17

Out: 952.717+/-0.247 χ^2/NDF : 2180011.3/20

All: 996.616+/-0.187 χ^2/NDF : 3651112.3/38

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: 106.188 ± 1244.254 χ^2/NDF : 7.1/1

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: 210.402 ± 1766.425 χ^2/NDF : 0.0/0

Left: 140.748 ± 1017.229 χ^2/NDF : 7.1/2

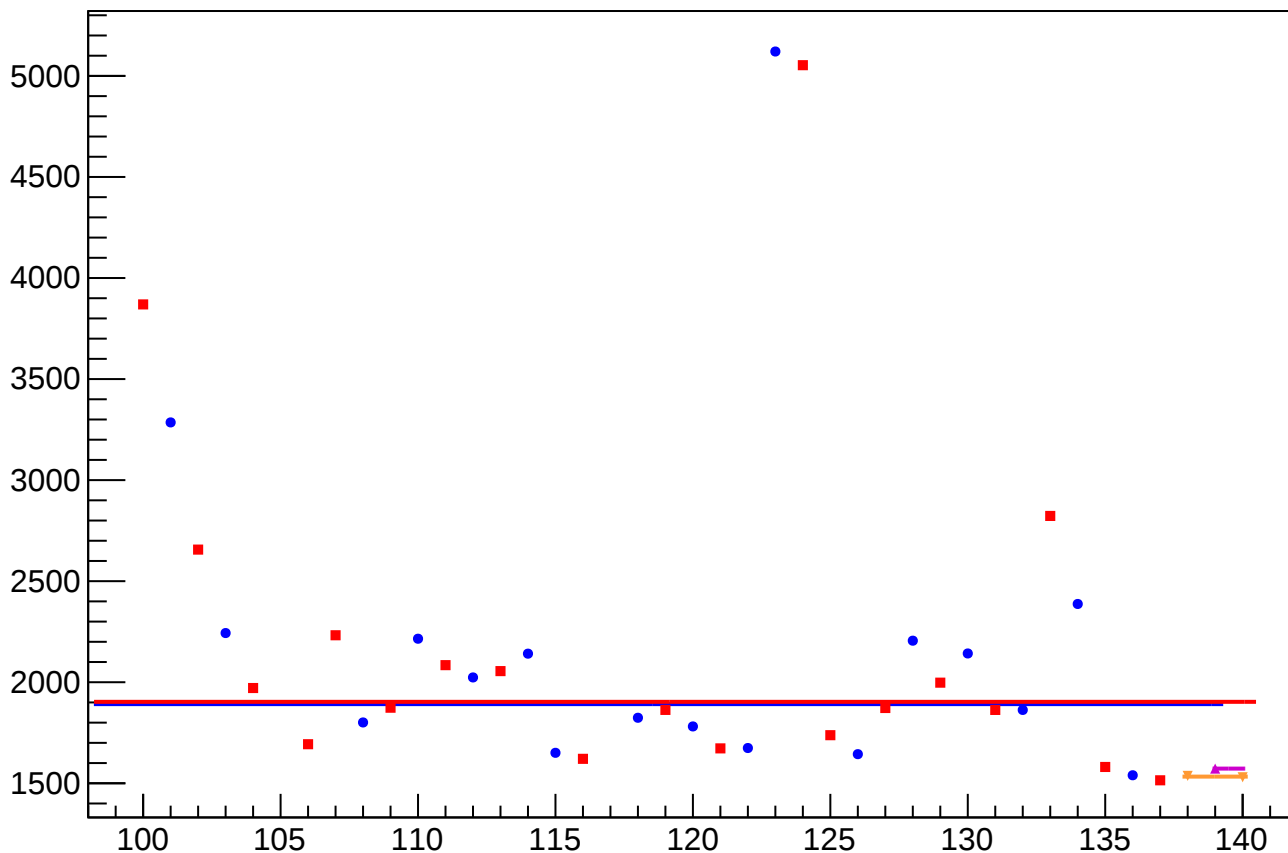
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -5.666 ± 688.469 χ^2/NDF : 23.2/17

Out: -197.801 ± 632.488 χ^2/NDF : 18.0/20

All: -109.861 ± 465.772 χ^2/NDF : 41.3/38

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: 1533.010+/-0.880 χ^2/NDF : 15.1/1

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1572.618+/-1.249 χ^2/NDF : 0.0/0

Left: 1546.145+/-0.719 χ^2/NDF : 687.2/2

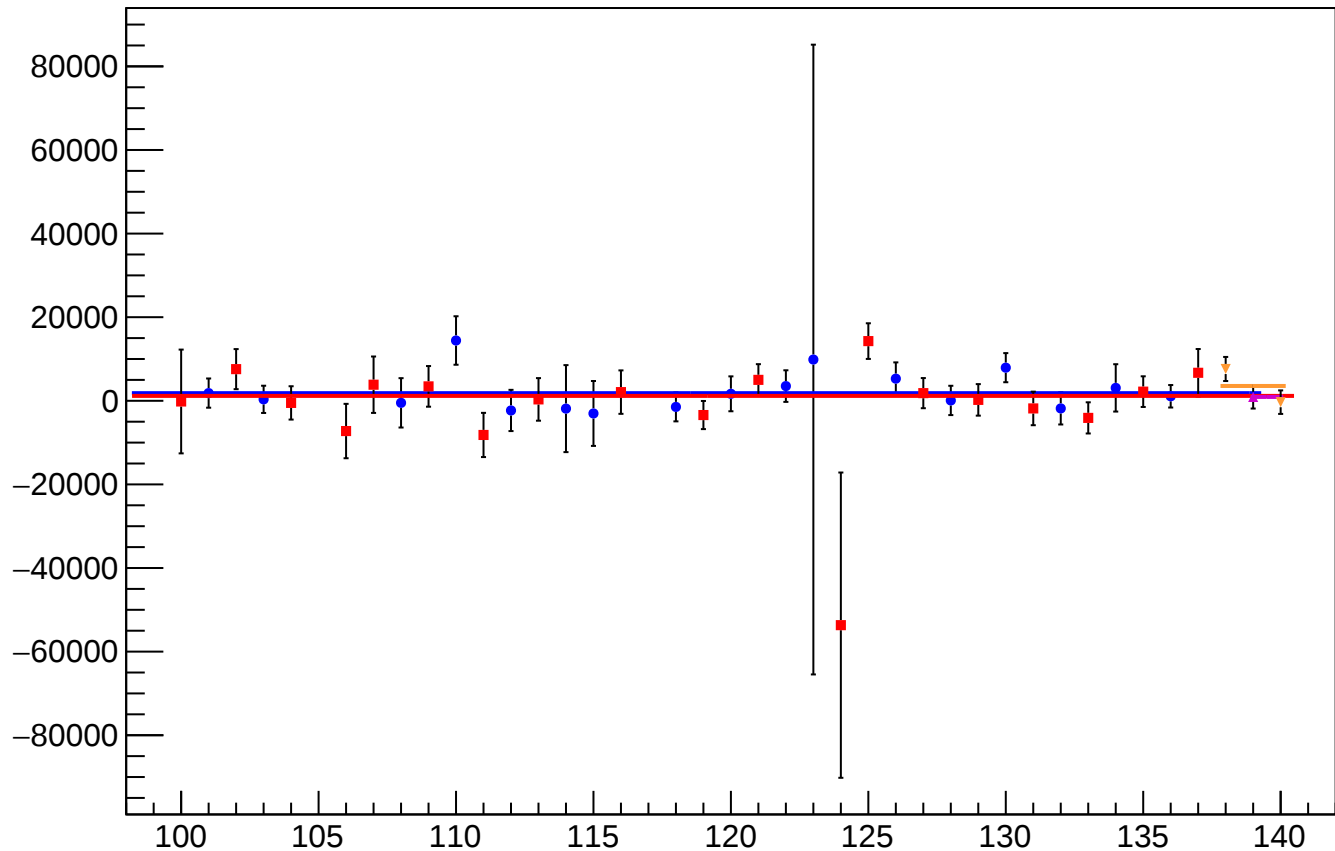
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1843.203+/-0.487 χ^2/NDF : 524423.3/17

Out: 1807.405+/-0.447 χ^2/NDF : 591319.2/20

All: 1823.789+/-0.329 χ^2/NDF : 1118674.9/38

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 3547.015+/-2012.838 χ^2/NDF : 3.9/1

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 925.155+/-2777.571 χ^2/NDF : 0.0/0

Left: 2644.233+/-1629.866 χ^2/NDF : 4.5/2

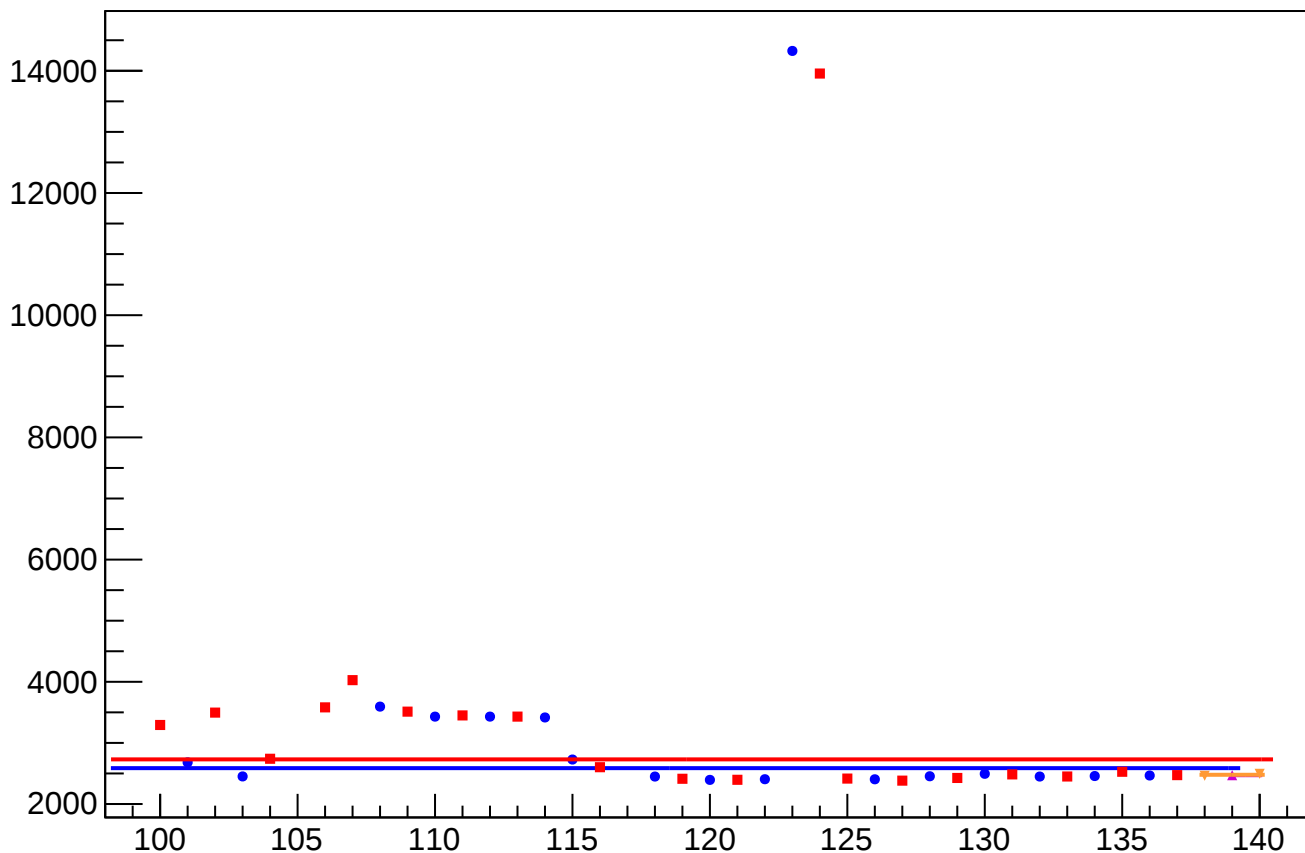
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1719.920+/-949.333 χ^2/NDF : 12.6/17

Out: 1678.116+/-928.288 χ^2/NDF : 30.5/20

All: 1698.549+/-663.714 χ^2/NDF : 43.1/38

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2478.449+/-1.423 χ^2/NDF :125.9/1

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2471.462+/-1.964 χ^2/NDF :0.0/0

Left: 2476.043+/-1.152 χ^2/NDF : 134.2/2

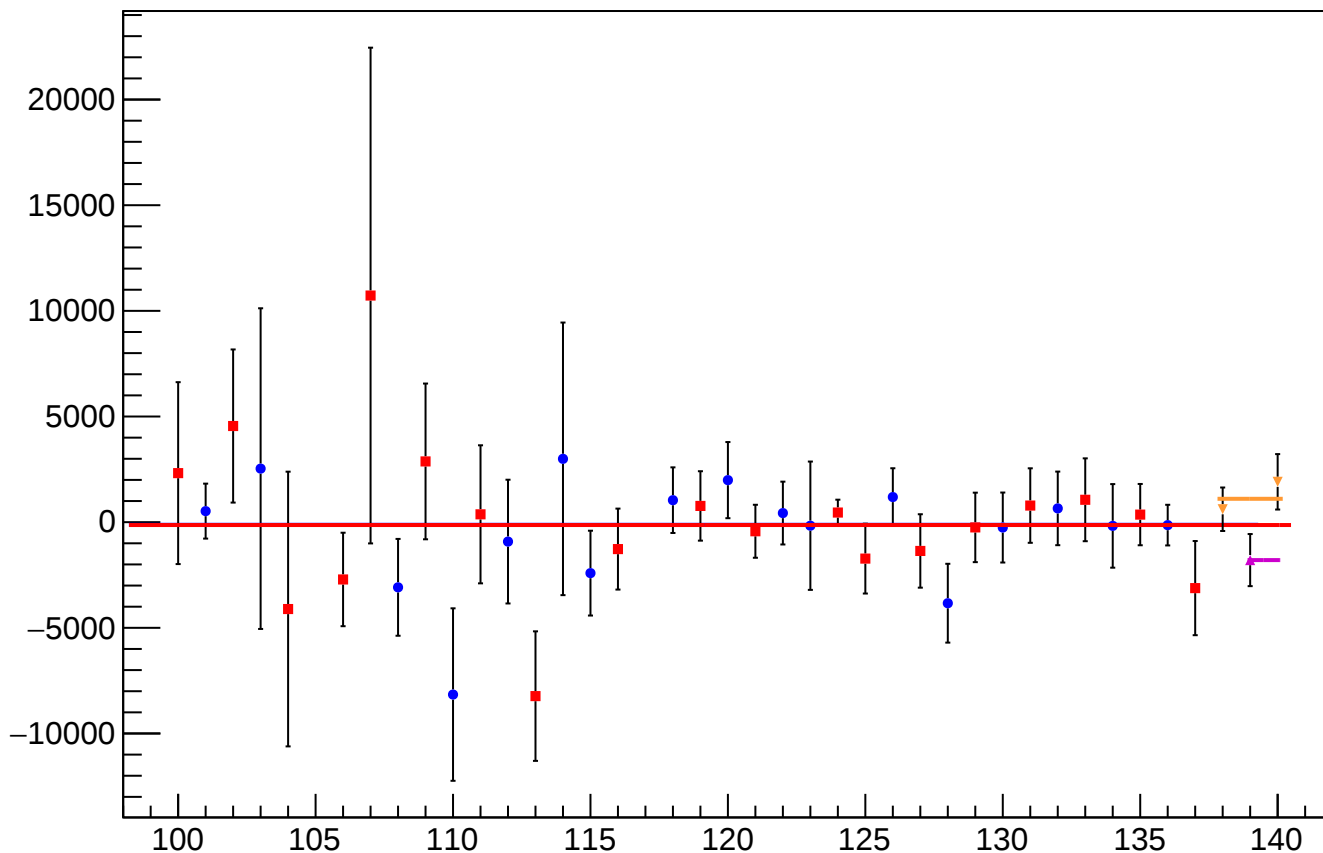
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2573.484+/-0.671 χ^2/NDF :257167.9/17

Out: 2676.879+/-0.656 χ^2/NDF :609806.7/20

All: 2626.340+/-0.469 χ^2/NDF : 879102.6/38

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1105.974+/-809.486 χ^2/NDF : 0.6/1

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -1794.659+/-1232.767 χ^2/NDF : 0.0/0

Left: 232.086+/-676.647 χ^2/NDF : 4.5/2

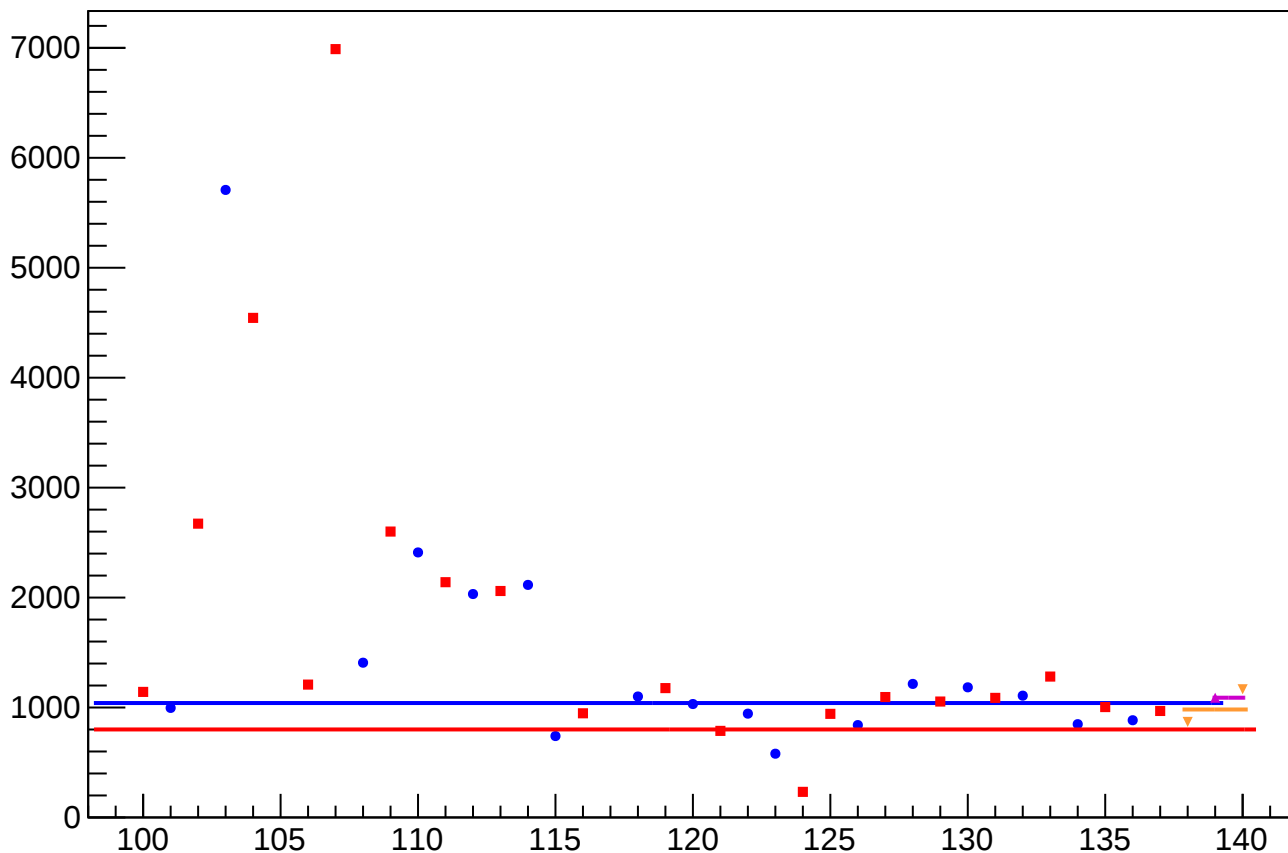
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -306.209+/-406.650 χ^2/NDF : 16.3/17

Out: 88.269+/-343.568 χ^2/NDF : 20.4/20

All: -76.034+/-262.440 χ^2/NDF : 37.3/38

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 982.003+/-0.572 χ^2/NDF : 63511.6/1

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 1089.192+/-0.872 χ^2/NDF : 0.0/0

Left: 1014.296+/-0.478 χ^2/NDF : 74076.7/2

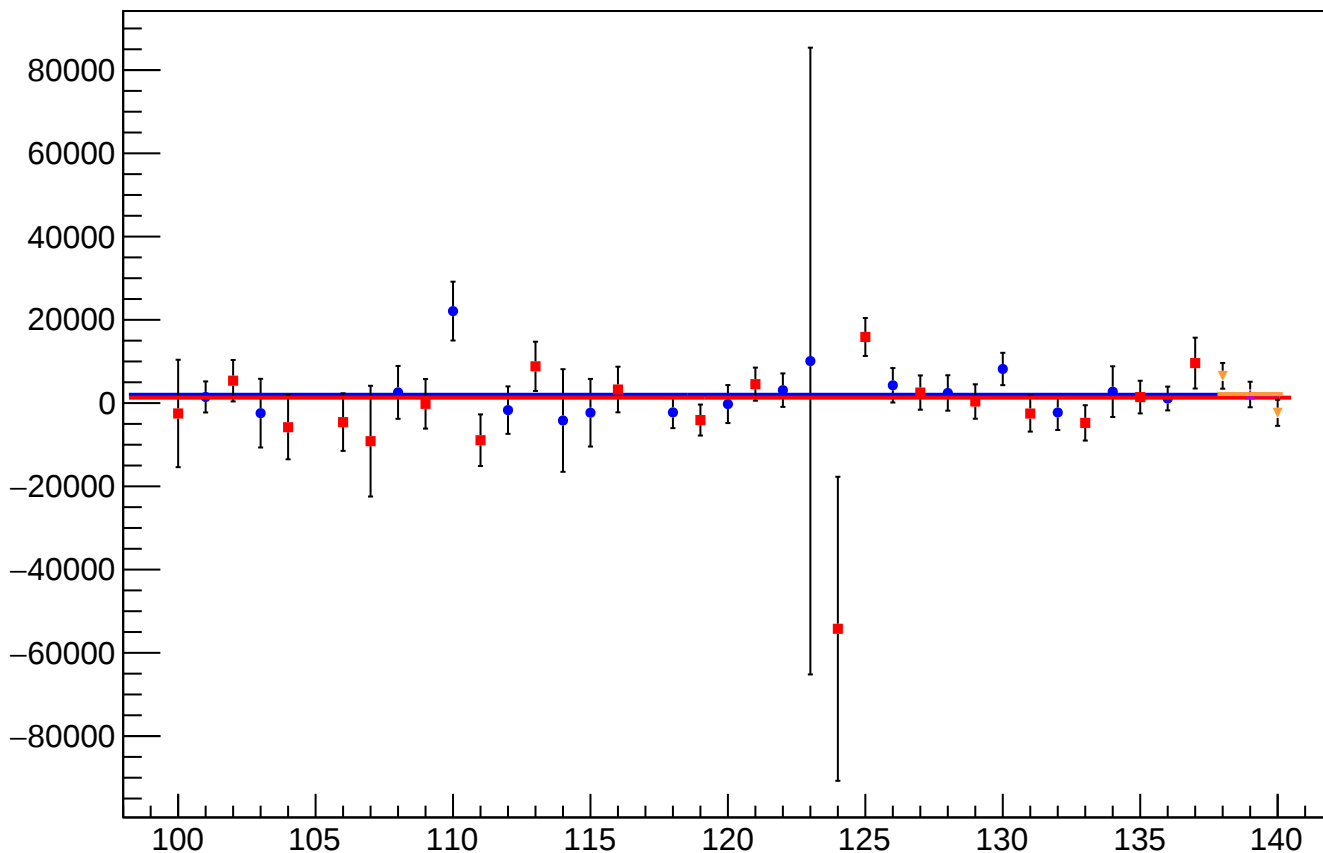
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 1046.030+/-0.288 χ^2/NDF : 1575785.8/17

Out: 833.119+/-0.243 χ^2/NDF : 5333059.0/20

All: 921.798+/-0.186 χ^2/NDF : 7228750.0/38

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2163.093+/-2201.416 χ^2/NDF : 4.1/1

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 2060.230+/-3065.548 χ^2/NDF : 0.0/0

Left: 2128.095+/-1788.121 χ^2/NDF : 4.1/2

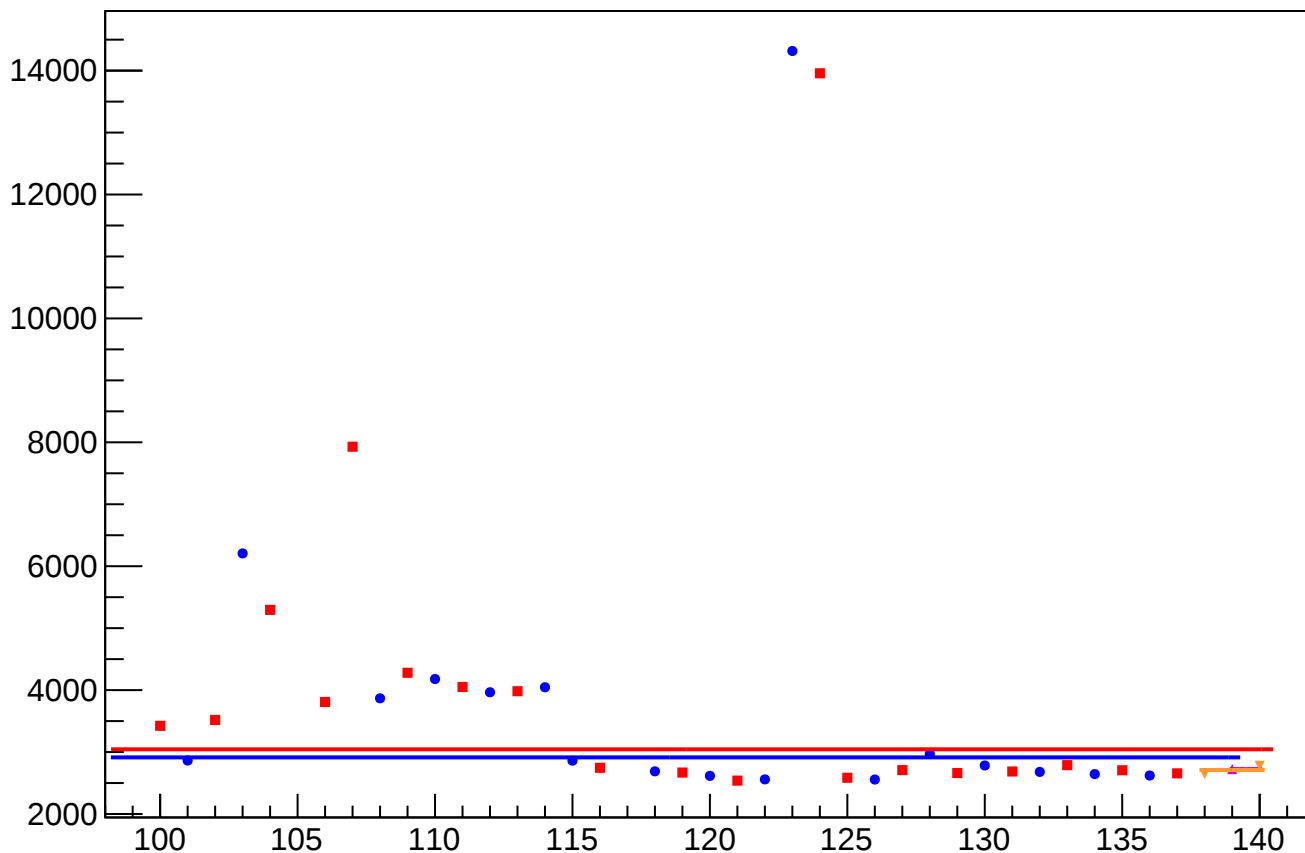
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 2004.215+/-1080.875 χ^2/NDF : 14.9/17

Out: 1498.023+/-1045.925 χ^2/NDF : 31.7/20

All: 1742.803+/-751.633 χ^2/NDF : 46.8/38

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2709.947+/-1.557 χ^2/NDF :1857.5/1

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2725.049+/-2.168 χ^2/NDF :0.0/0

Left: 2715.085+/-1.264 χ^2/NDF : 1889.5/2

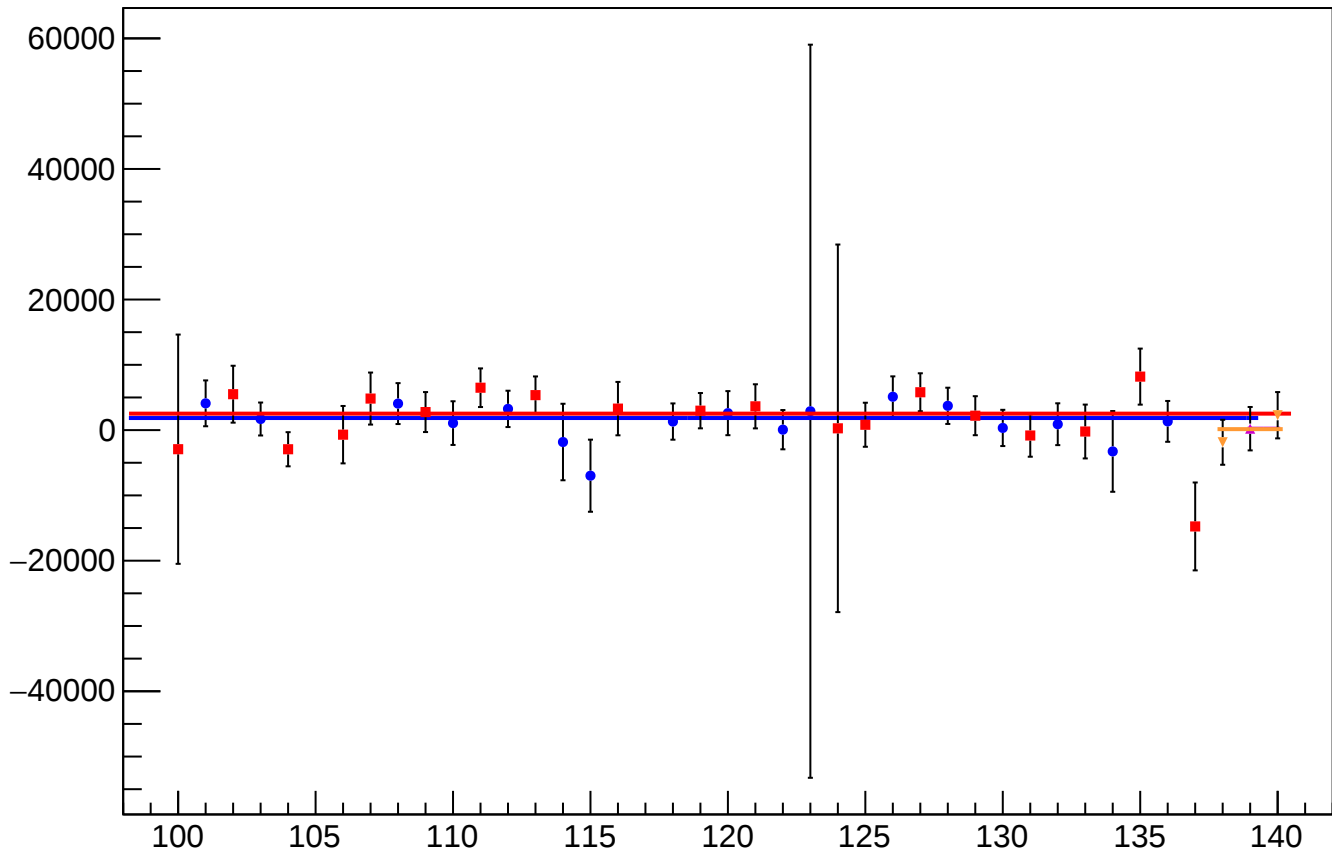
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2890.401+/-0.764 χ^2/NDF :645629.4/17

Out: 2968.960+/-0.740 χ^2/NDF :1042942.3/20

All: 2930.971+/-0.531 χ^2/NDF : 1694027.7/38

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 149.490+/-2470.843 χ^2/NDF : 0.7/1

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 218.452+/-3324.785 χ^2/NDF : 0.0/0

Left: 174.026+/-1983.168 χ^2/NDF : 0.7/2

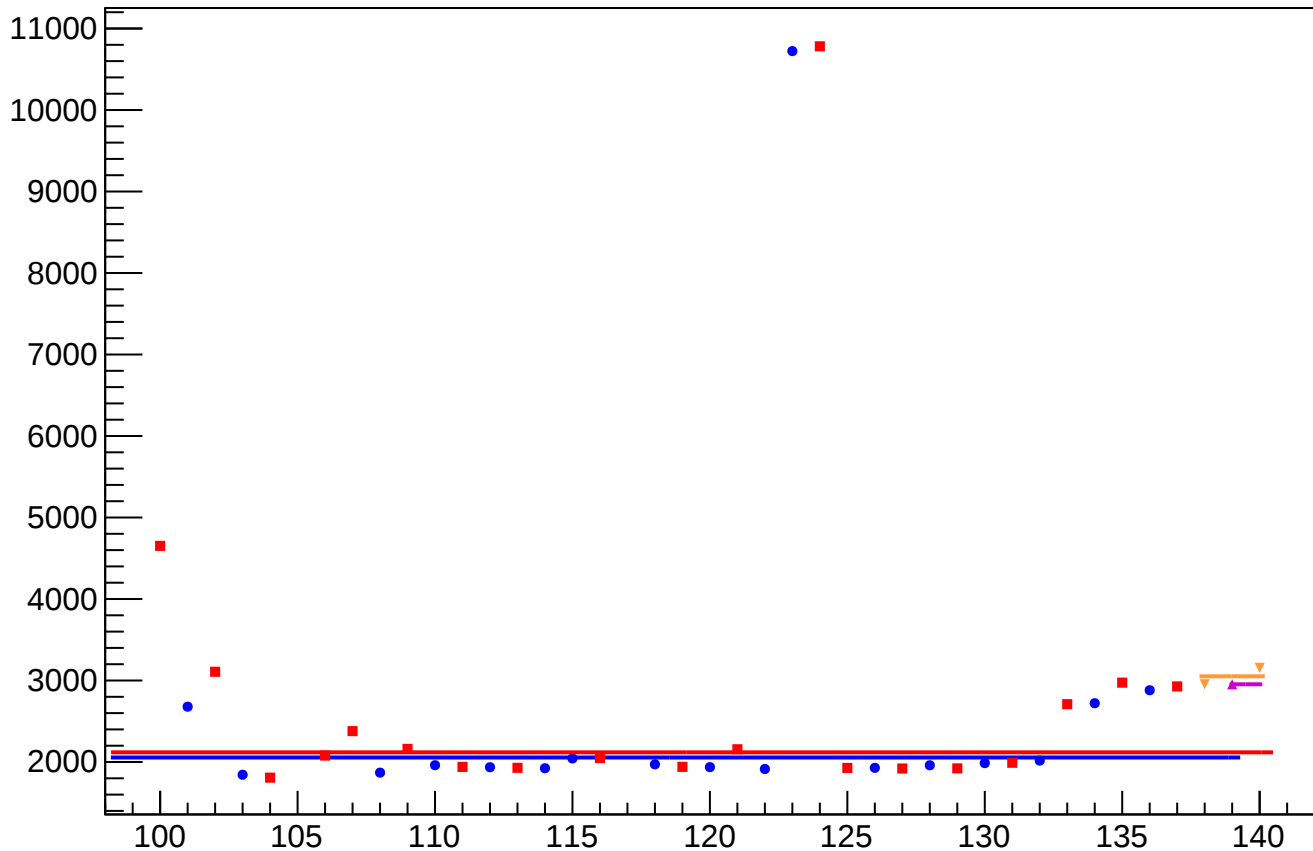
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 1759.366+/-784.009 χ^2/NDF : 7.5/17

Out: 2288.605+/-776.920 χ^2/NDF : 21.7/20

All: 2026.389+/-551.855 χ^2/NDF : 29.4/38

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3051.779+/-1.747 χ^2/NDF : 3315.1/1

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2953.597+/-2.351 χ^2/NDF : 0.0/0

Left: 3016.847+/-1.402 χ^2/NDF : 4438.6/2

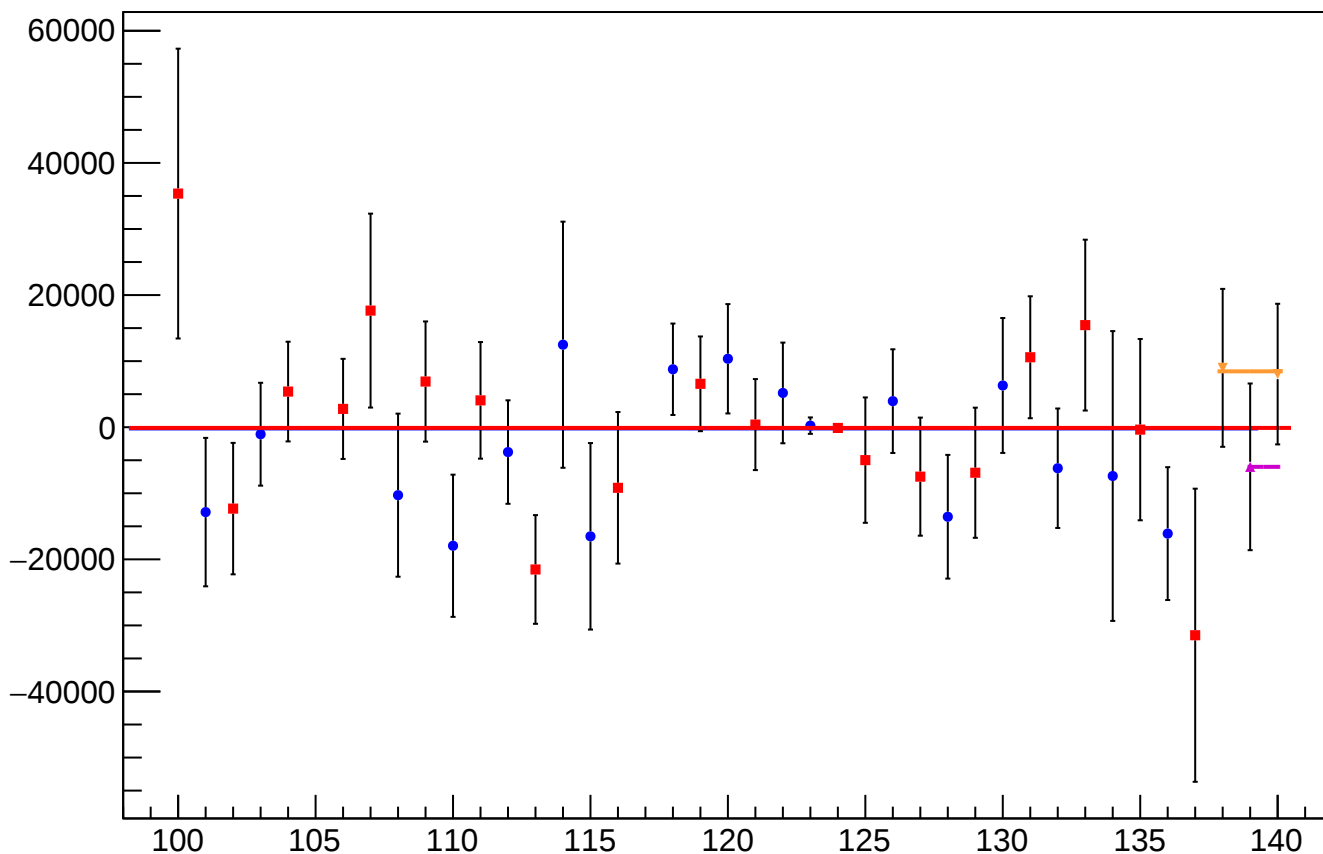
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2105.388+/-0.554 χ^2/NDF : 454217.0/17

Out: 2210.797+/-0.549 χ^2/NDF : 834078.1/20

All: 2158.643+/-0.390 χ^2/NDF : 1306560.1/38

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: 8456.841+/-7947.502 χ^2/NDF : 0.0/1

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: -5998.257+/-12614.378 χ^2/NDF : 0.0/0

Left: 4349.398+/-6724.207 χ^2/NDF : 0.9/2

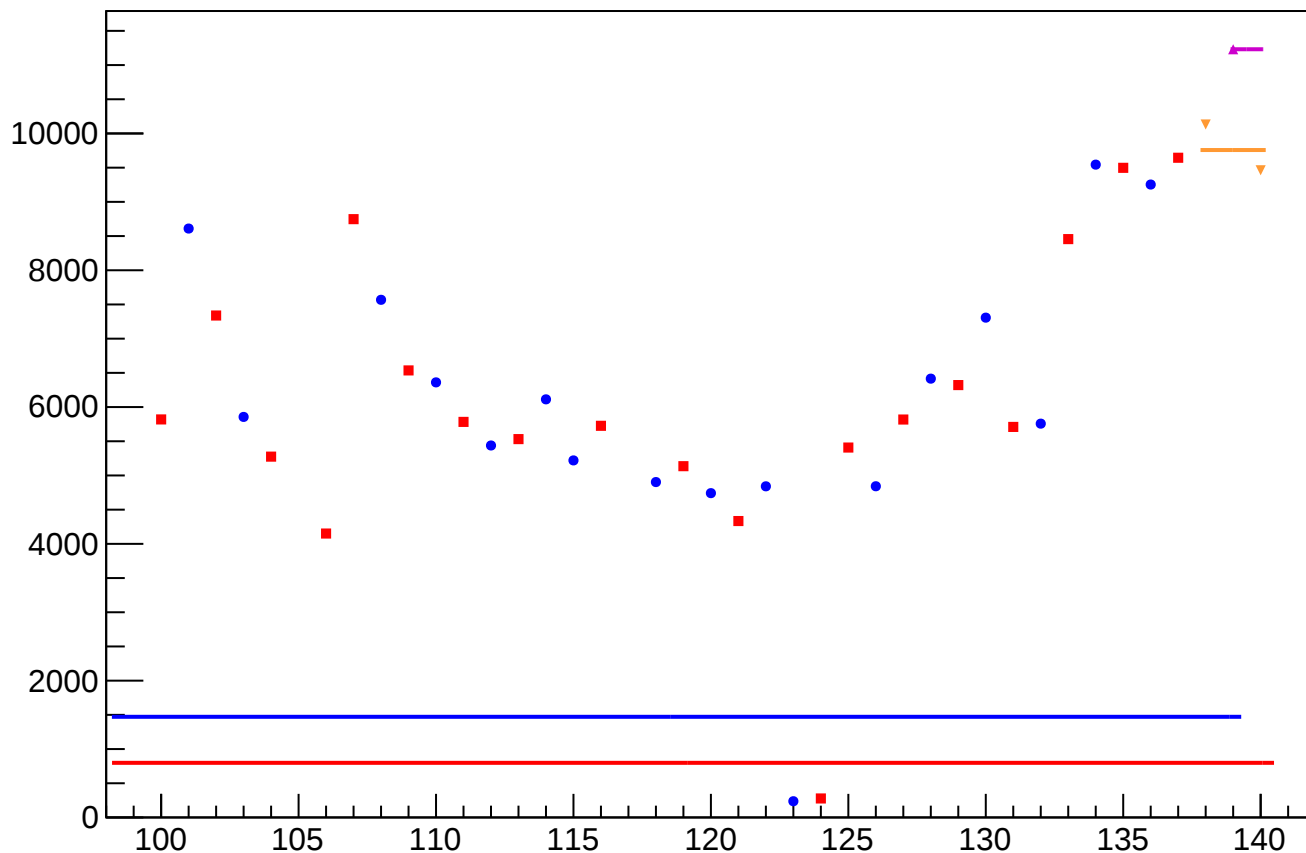
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -229.177+/-1096.612 χ^2/NDF : 16.6/17

Out: -42.549+/-688.044 χ^2/NDF : 22.7/20

All: -95.266+/-582.823 χ^2/NDF : 39.3/38

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 9757.820+/-5.620 χ^2/NDF : 3500.5/1

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 11231.129+/-8.920 χ^2/NDF : 0.0/0

Left: 10176.464+/-4.755 χ^2/NDF : 23030.7/2

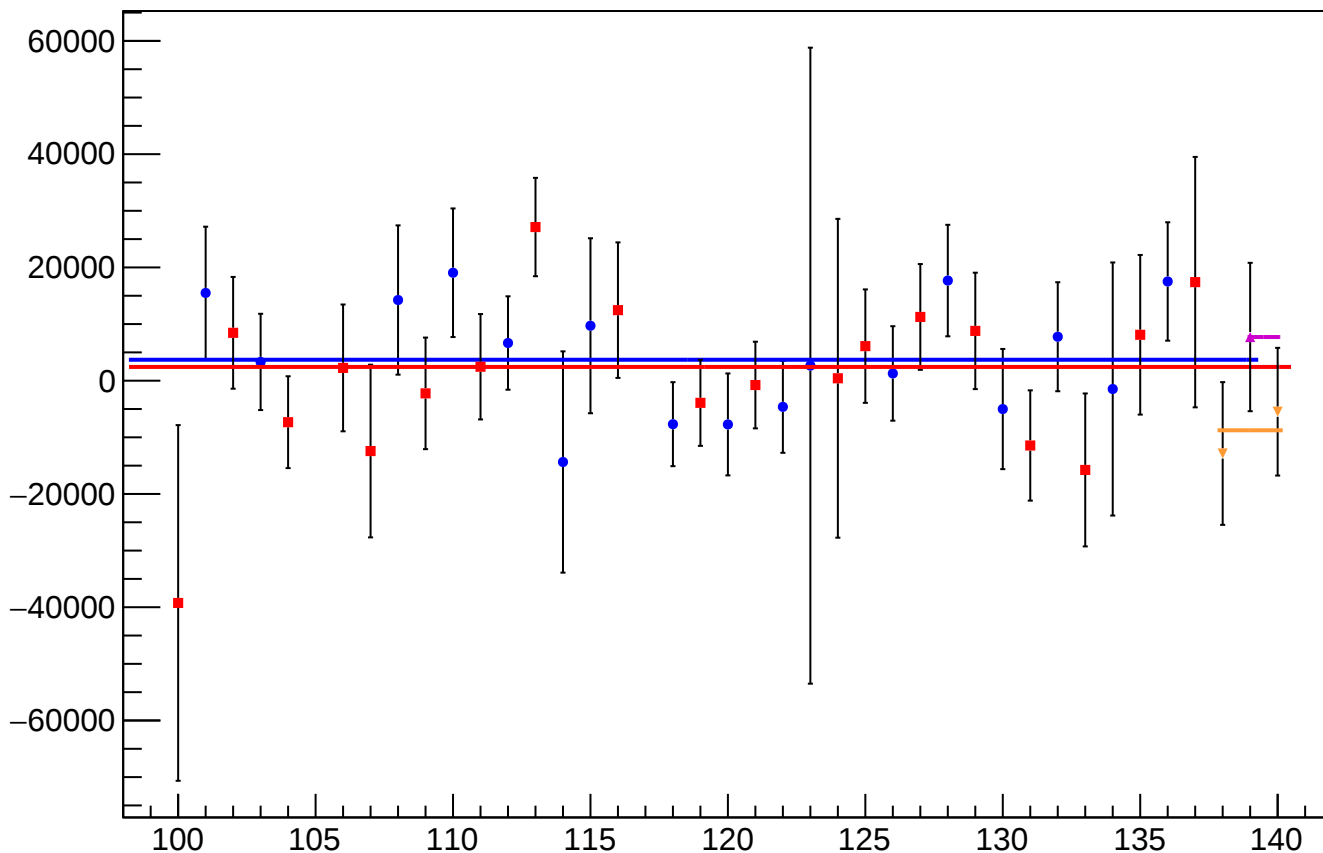
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1545.366+/-0.775 χ^2/NDF : 10976376.2/17

Out: 865.791+/-0.487 χ^2/NDF : 14053520.4/20

All: 1057.748+/-0.412 χ^2/NDF : 25581008.7/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -8756.731+/-8402.540 χ^2/NDF : 0.2/1

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 7712.207+/-13098.791 χ^2/NDF : 0.0/0

Left: -3955.566+/-7072.480 χ^2/NDF : 1.3/2

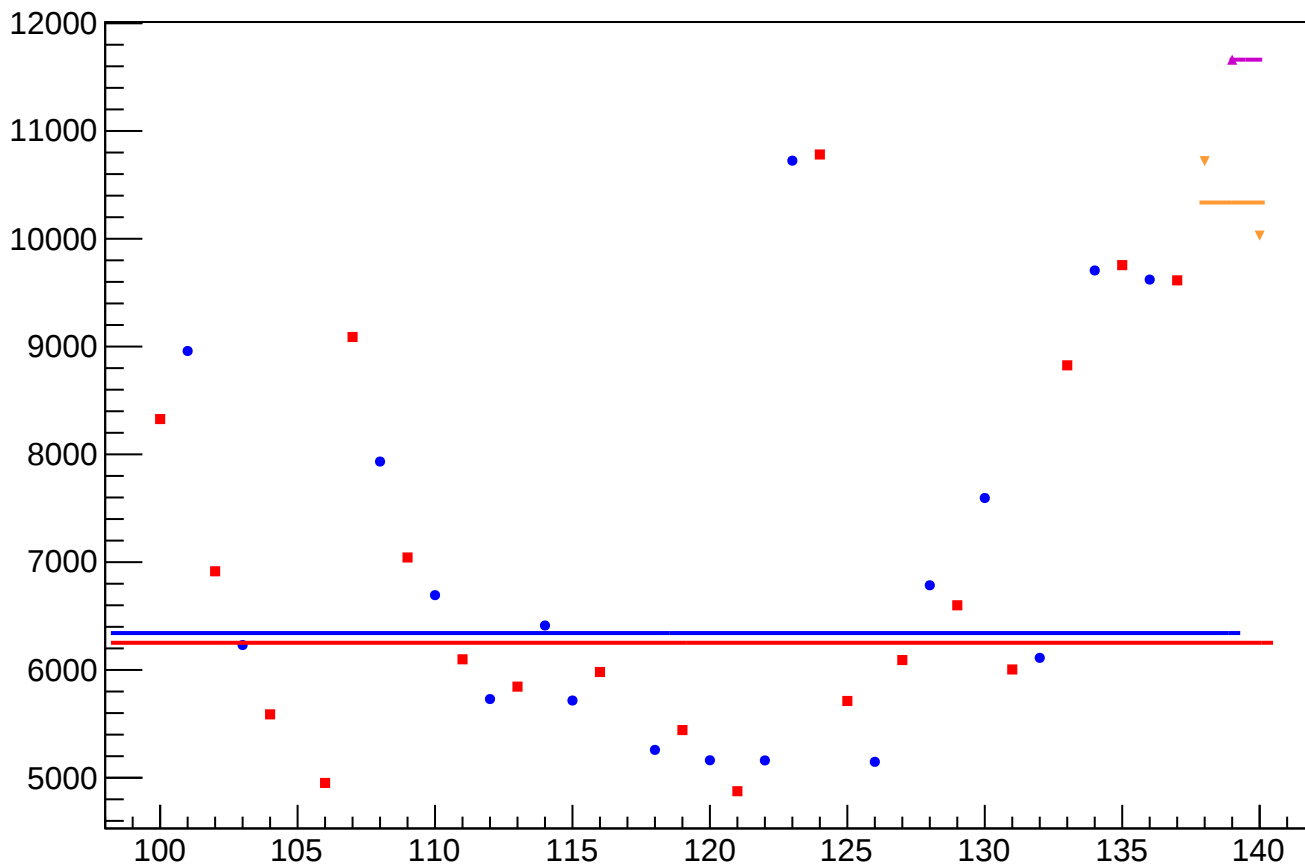
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3841.469+/-2472.679 χ^2/NDF : 14.5/17

Out: 1572.434+/-2326.732 χ^2/NDF : 22.1/20

All: 2638.015+/-1694.495 χ^2/NDF : 37.1/38

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10336.293+/-5.941 χ^2/NDF : 3335.4/1

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 11661.474+/-9.262 χ^2/NDF : 0.0/0

Left: 10722.621+/-5.001 χ^2/NDF : 17837.8/2

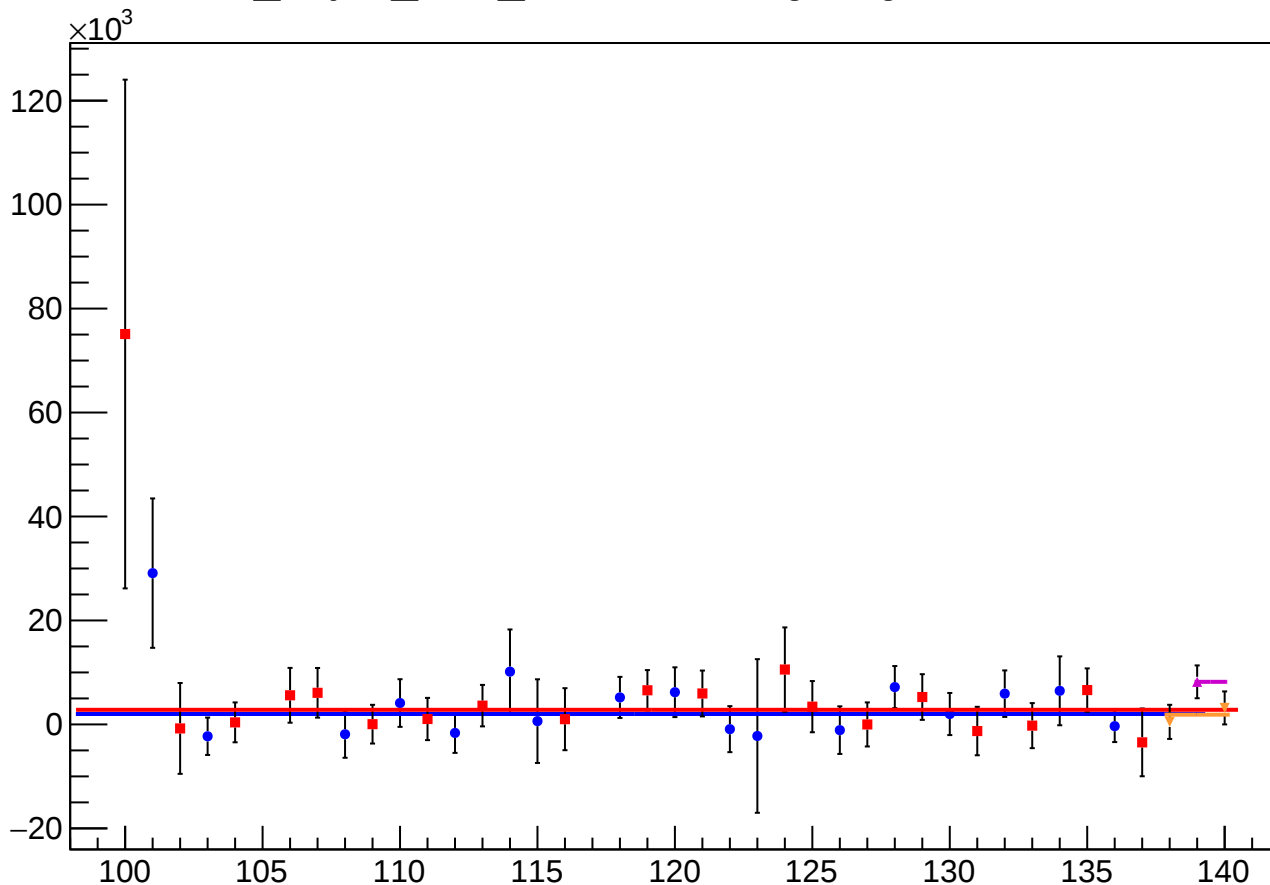
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 6531.871+/-1.748 χ^2/NDF : 911717.3/17

Out: 6565.276+/-1.645 χ^2/NDF : 977650.9/20

All: 6549.589+/-1.198 χ^2/NDF : 1889561.8/38

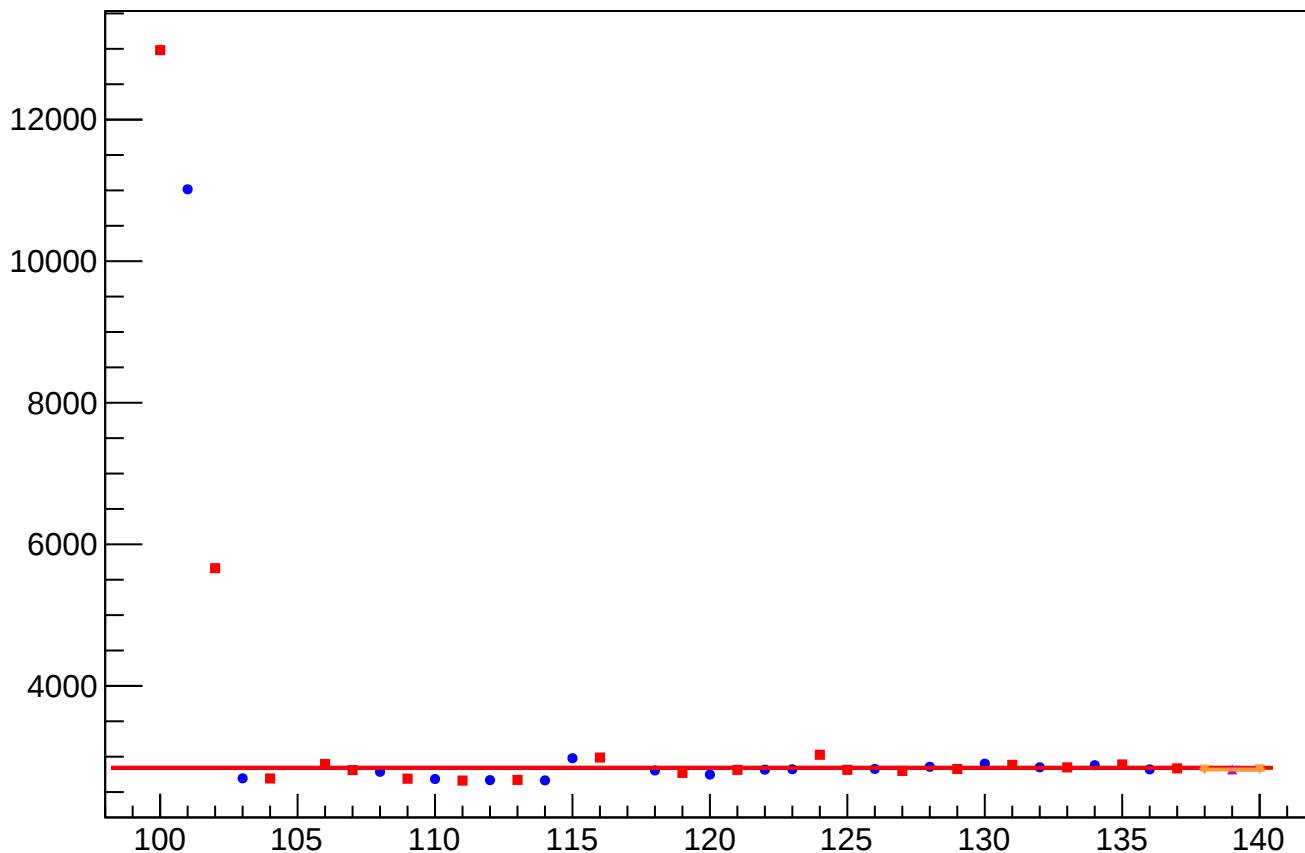
dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16
 Left Out: 1877.253 $\pm$ 2282.379 χ^2/NDF : 0.3/1
 Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18
 Left In: 8192.647 $\pm$ 3159.208 χ^2/NDF : 0.0/0

Left: 4043.074 $\pm$ 1850.075 χ^2/NDF : 3.0/2
 Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35
 In: 2701.454 $\pm$ 1060.170 χ^2/NDF : 17.1/17
 Out: 2639.054 $\pm$ 981.048 χ^2/NDF : 11.0/20
 All: 2667.839 $\pm$ 720.054 χ^2/NDF : 28.1/38

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2818.678+/-1.614 χ^2/NDF :3.6/1

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2820.744+/-2.234 χ^2/NDF :0.0/0

Left: 2819.387+/-1.308 χ^2/NDF : 4.2/2

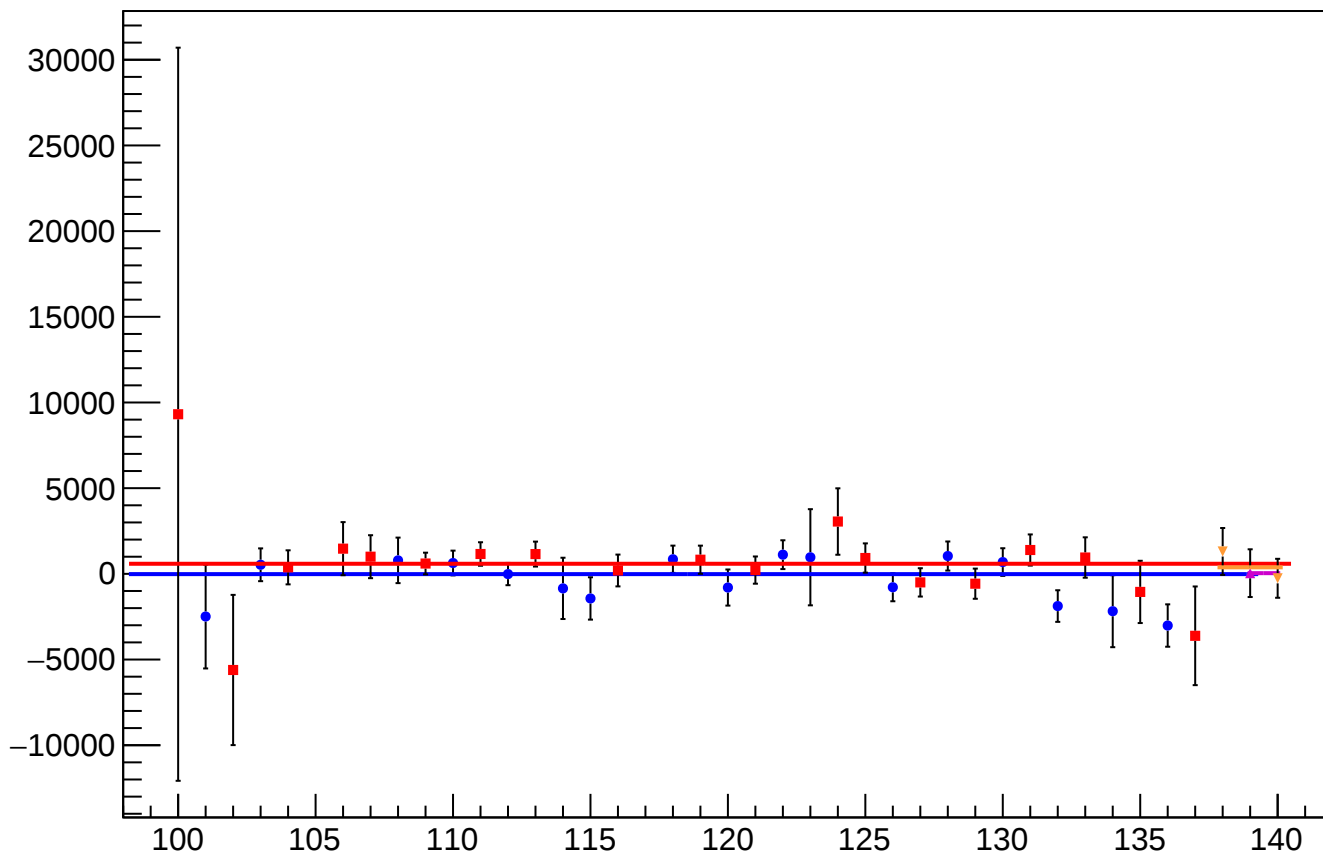
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2840.164+/-0.750 χ^2/NDF :660390.2/17

Out: 2838.050+/-0.694 χ^2/NDF :312515.9/20

All: 2839.025+/-0.509 χ^2/NDF : 972910.4/38

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631+/-238.862 χ^2/NDF : 21.6/16

Left Out: 380.089+/-874.409 χ^2/NDF : 0.8/1

Right Out: 588.581+/-225.799 χ^2/NDF : 13.5/18

Left In: 40.307+/-1392.673 χ^2/NDF : 0.0/0

Left: 284.016+/-740.543 χ^2/NDF : 0.8/2

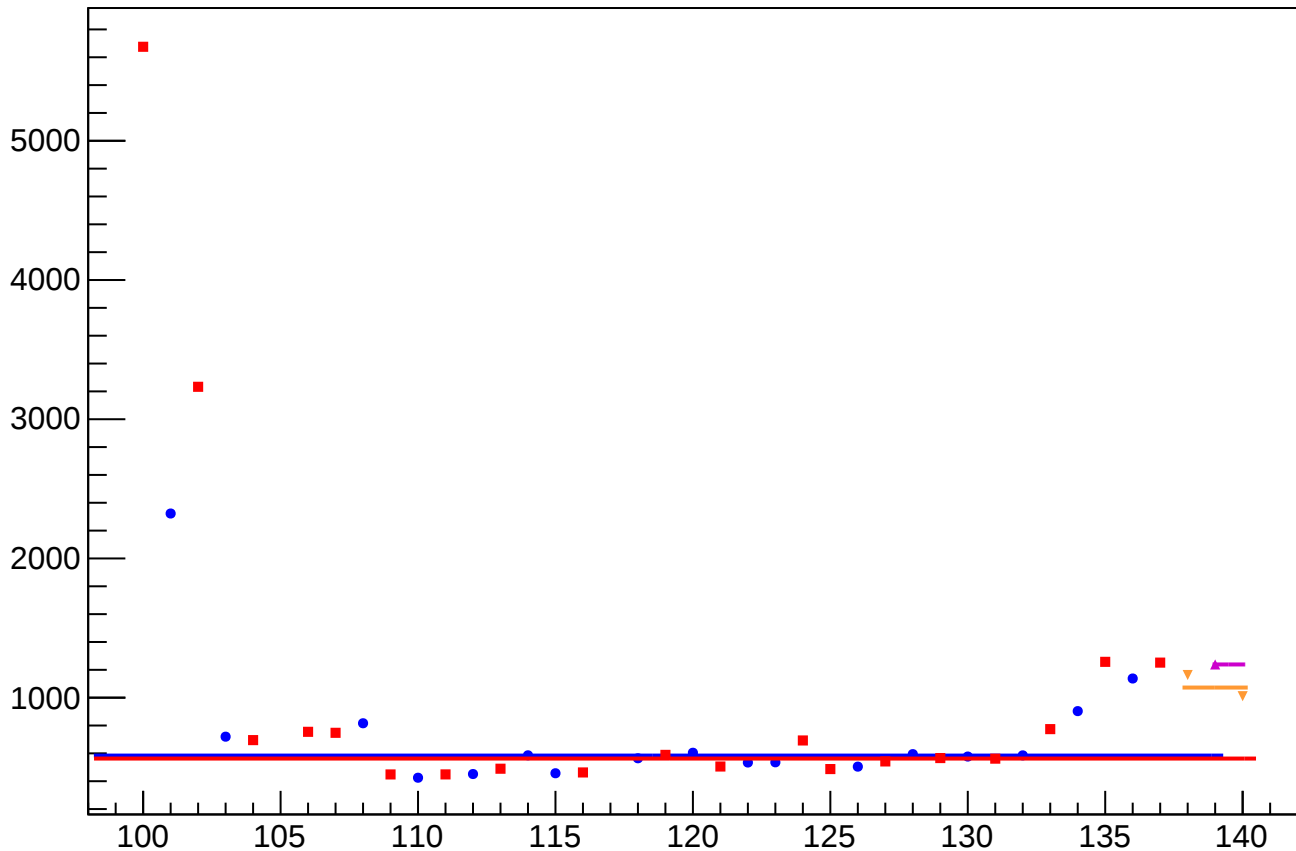
Right: 303.449+/-164.088 χ^2/NDF : 38.5/35

In: -14.032+/-235.425 χ^2/NDF : 21.6/17

Out: 575.547+/-218.627 χ^2/NDF : 14.3/20

All: 302.539+/-160.202 χ^2/NDF : 39.3/38

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1072.697+/-0.618 χ^2/NDF : 14647.4/1

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 1238.594+/-0.985 χ^2/NDF : 0.0/0

Left: 1119.604+/-0.524 χ^2/NDF : 35002.9/2

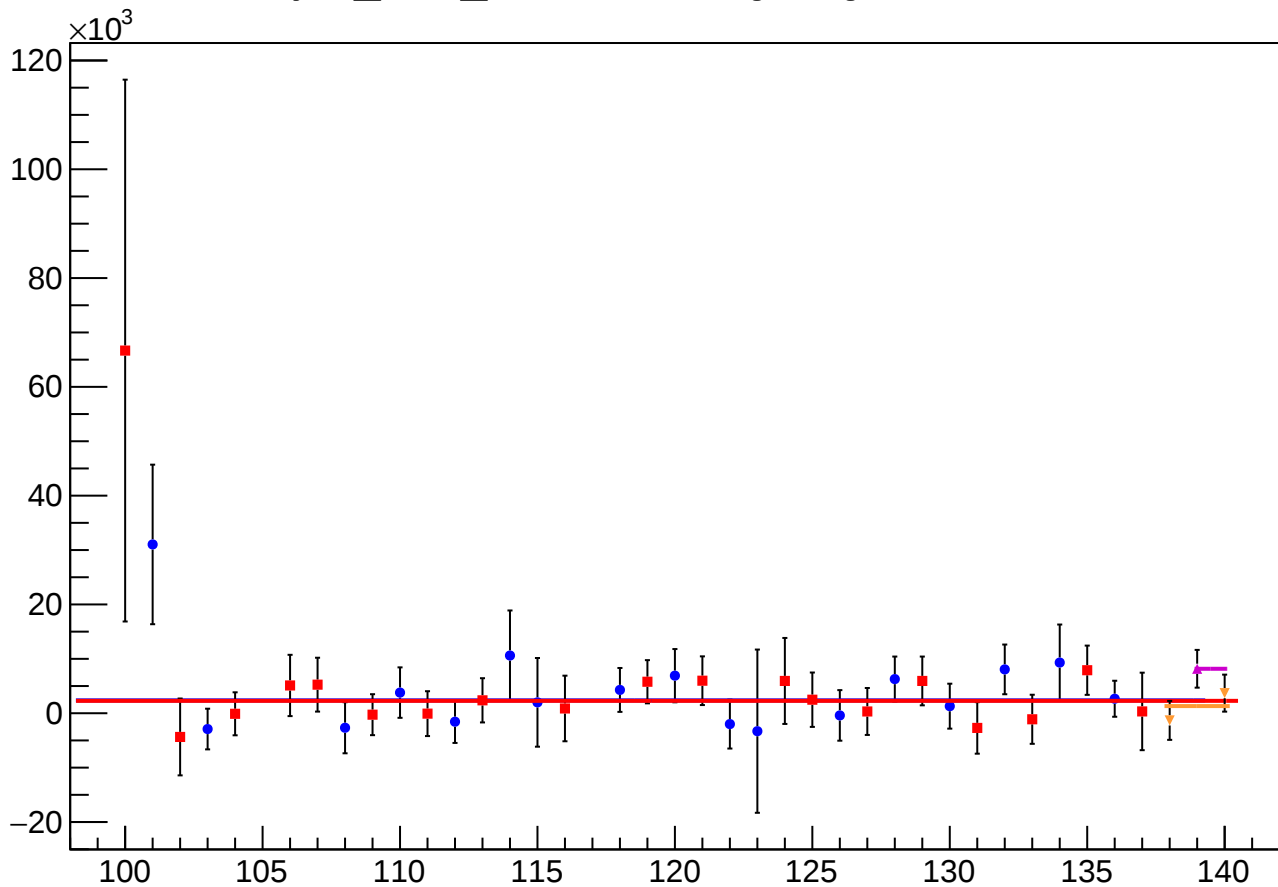
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 602.759+/-0.166 χ^2/NDF : 1865765.9/17

Out: 594.574+/-0.155 χ^2/NDF : 2292055.2/20

All: 598.364+/-0.113 χ^2/NDF : 4159119.3/38

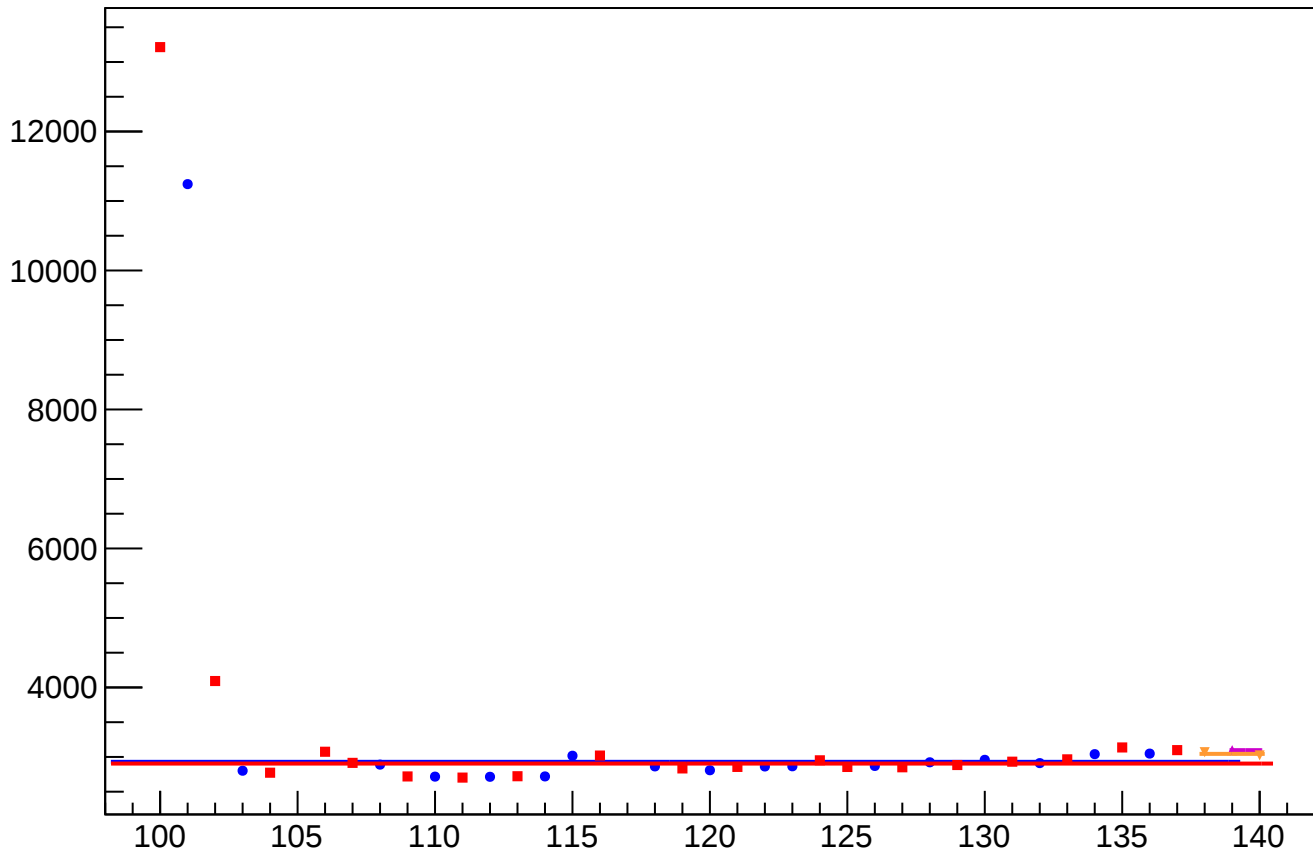
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16
 Left Out: 1316.335 $\pm$ 2465.160 χ^2 /NDF:1.0/1
 Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18
 Left In: 8172.257 $\pm$ 3470.834 χ^2 /NDF:0.0/0

Left: 3615.178 $\pm$ 2009.812 χ^2 /NDF: 3.6/2
 Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35
 In: 2946.456 $\pm$ 1100.133 χ^2 /NDF:17.6/17
 Out: 2115.080 $\pm$ 1013.385 χ^2 /NDF:11.4/20
 All: 2496.702 $\pm$ 745.355 χ^2 /NDF: 29.3/38

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3044.195+/-1.743 χ^2/NDF :173.8/1

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 3097.678+/-2.454 χ^2/NDF :0.0/0

Left: 3062.129+/-1.421 χ^2/NDF : 489.5/2

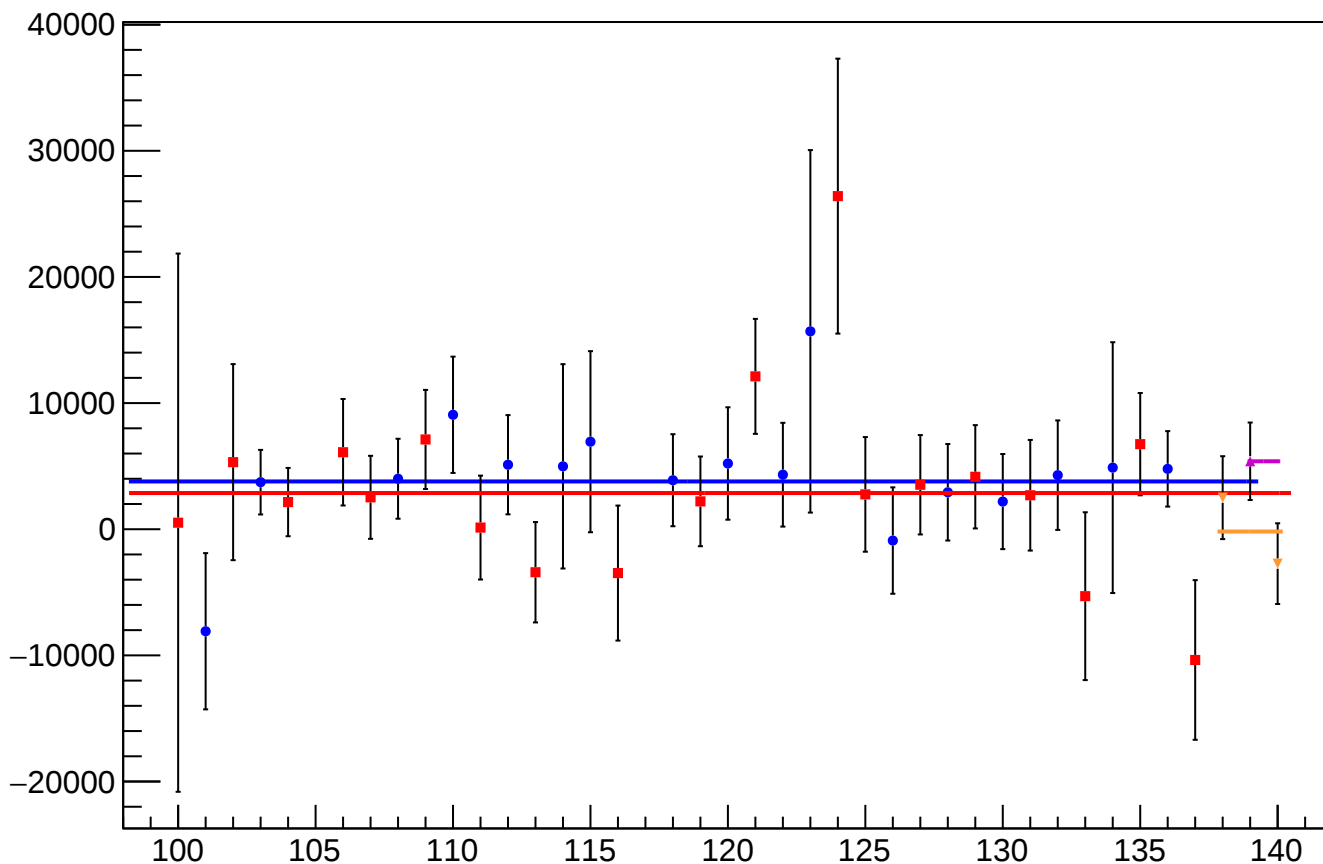
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2946.535+/-0.778 χ^2/NDF :666845.3/17

Out: 2928.165+/-0.717 χ^2/NDF :174794.3/20

All: 2936.597+/-0.527 χ^2/NDF : 841941.3/38

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: -182.416+/-2292.212 χ^2/NDF : 1.3/1

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 5387.029+/-3071.952 χ^2/NDF : 0.0/0

Left: 1809.479+/-1837.137 χ^2/NDF : 3.4/2

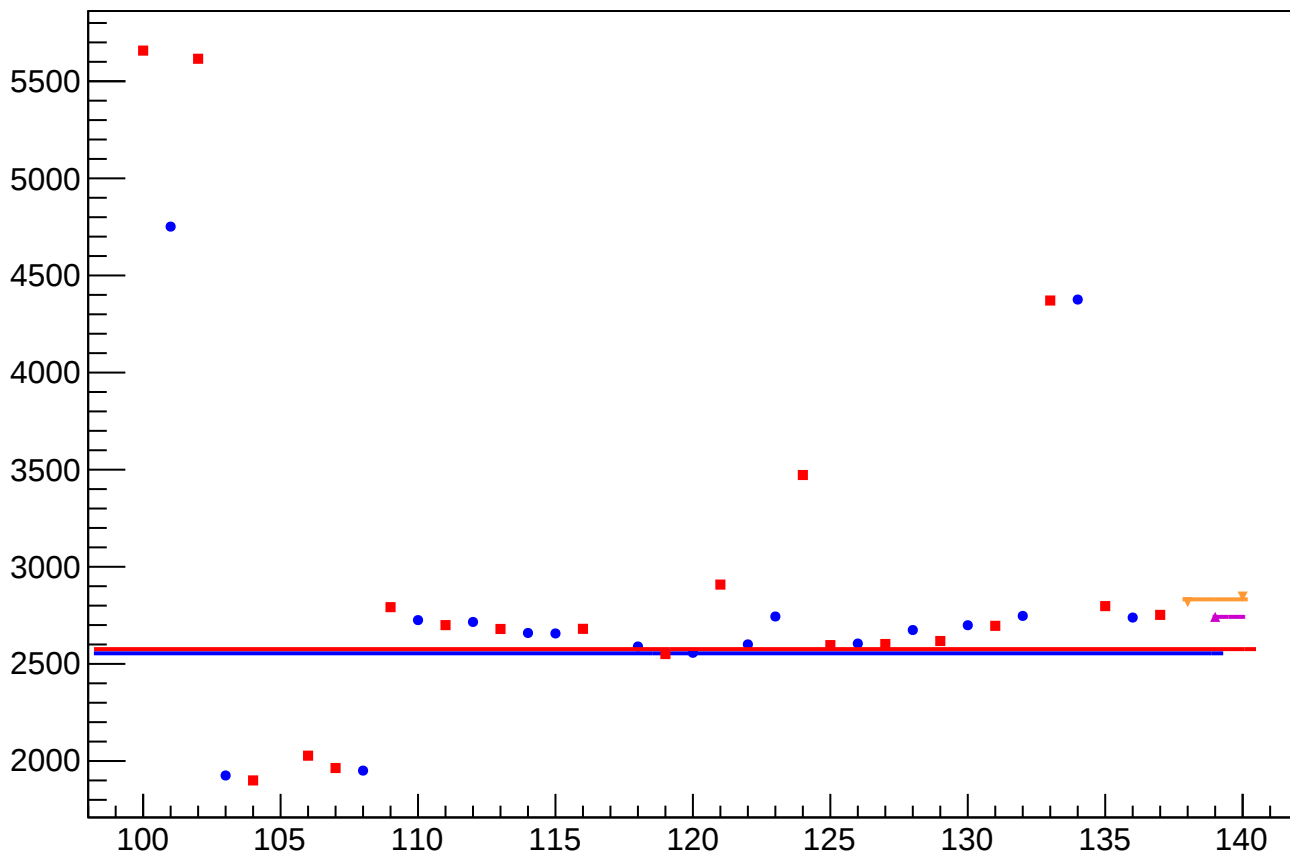
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3943.320+/-957.860 χ^2/NDF : 8.0/17

Out: 2379.077+/-918.857 χ^2/NDF : 24.8/20

All: 3128.704+/-663.090 χ^2/NDF : 34.2/38

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2832.326+/-1.621 χ^2/NDF :80.4/1

Right Out: 2576.077+/-0.709 χ^2/NDF : 765156.6/18

Left In: 2742.198+/-2.172 χ^2/NDF :0.0/0

Left: 2800.092+/-1.299 χ^2/NDF : 1186.2/2

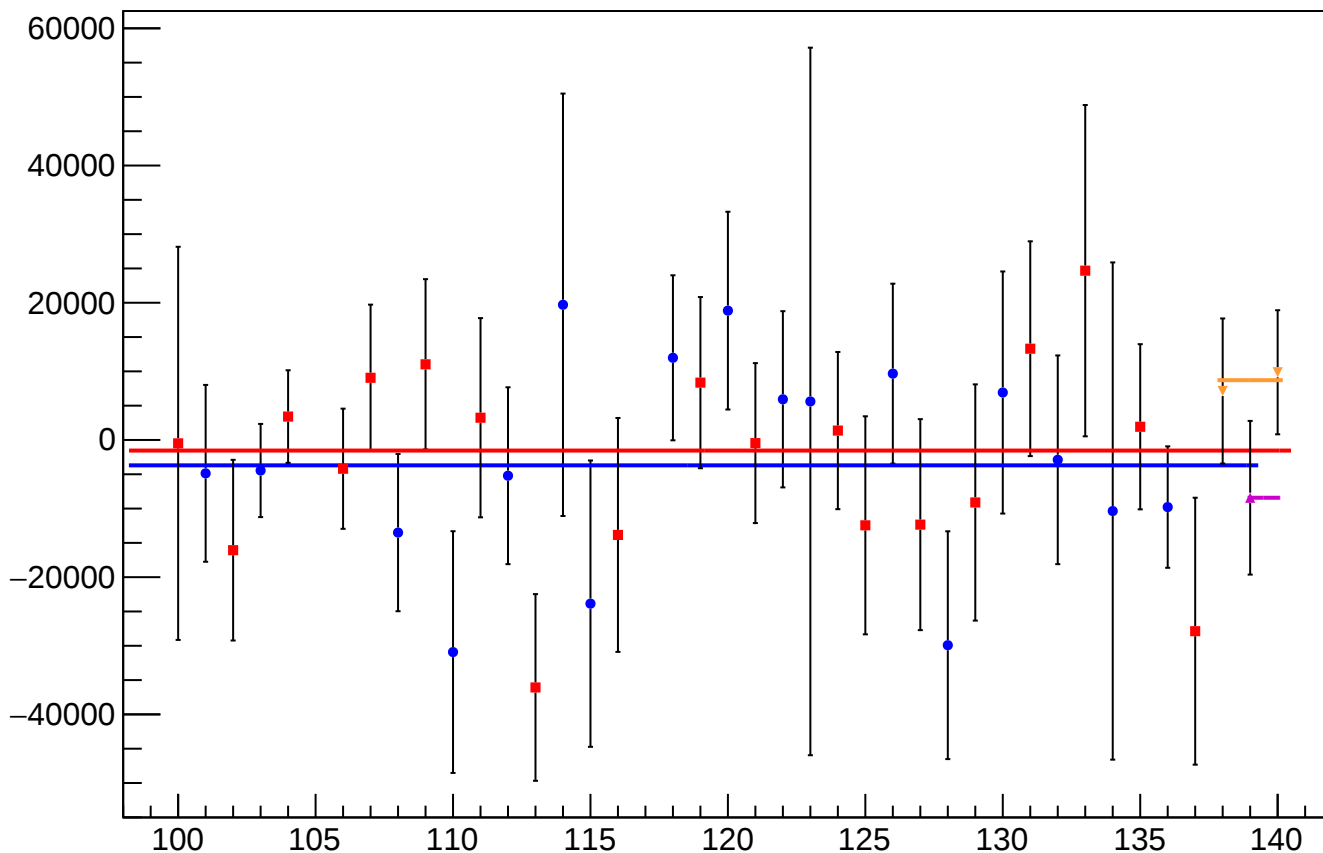
Right: 2565.366+/-0.503 χ^2/NDF : 1302241.7/35

In: 2572.782+/-0.677 χ^2/NDF :543364.0/17

Out: 2617.225+/-0.650 χ^2/NDF :786217.9/20

All: 2595.935+/-0.469 χ^2/NDF : 1331824.9/38

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 8714.371+/-6871.700 χ^2/NDF : 0.0/1

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: -8423.882+/-11199.969 χ^2/NDF : 0.0/0

Left: 4027.271+/-5857.141 χ^2/NDF : 1.7/2

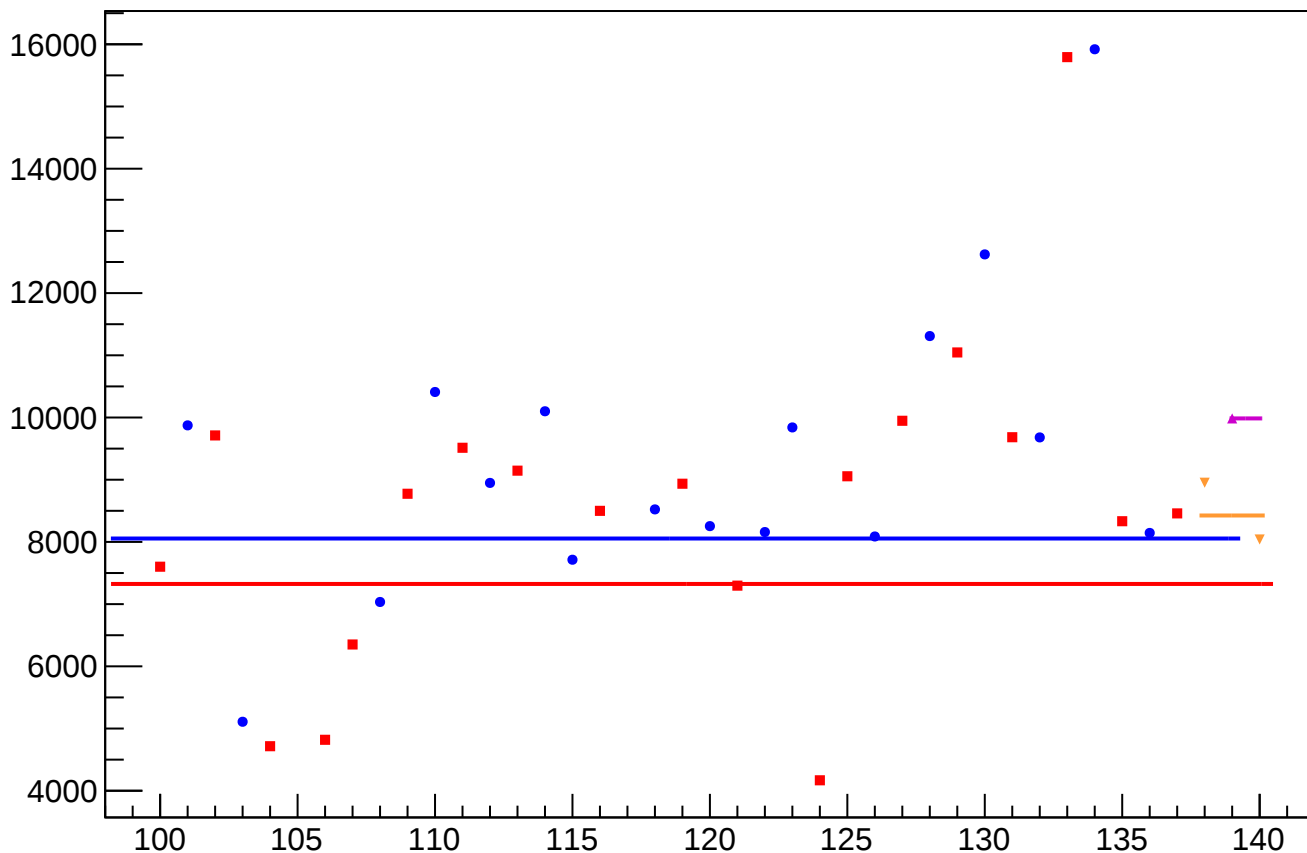
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -4059.763+/-3092.728 χ^2/NDF : 14.0/17

Out: 3.237+/-2669.351 χ^2/NDF : 18.7/20

All: -1731.331+/-2020.756 χ^2/NDF : 33.7/38

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8424.908 $\pm$ 4.859 χ^2 /NDF:8603.6/1

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9985.454 $\pm$ 7.920 χ^2 /NDF:0.0/0

Left: 8851.698 $\pm$ 4.142 χ^2 /NDF: 36812.9/2

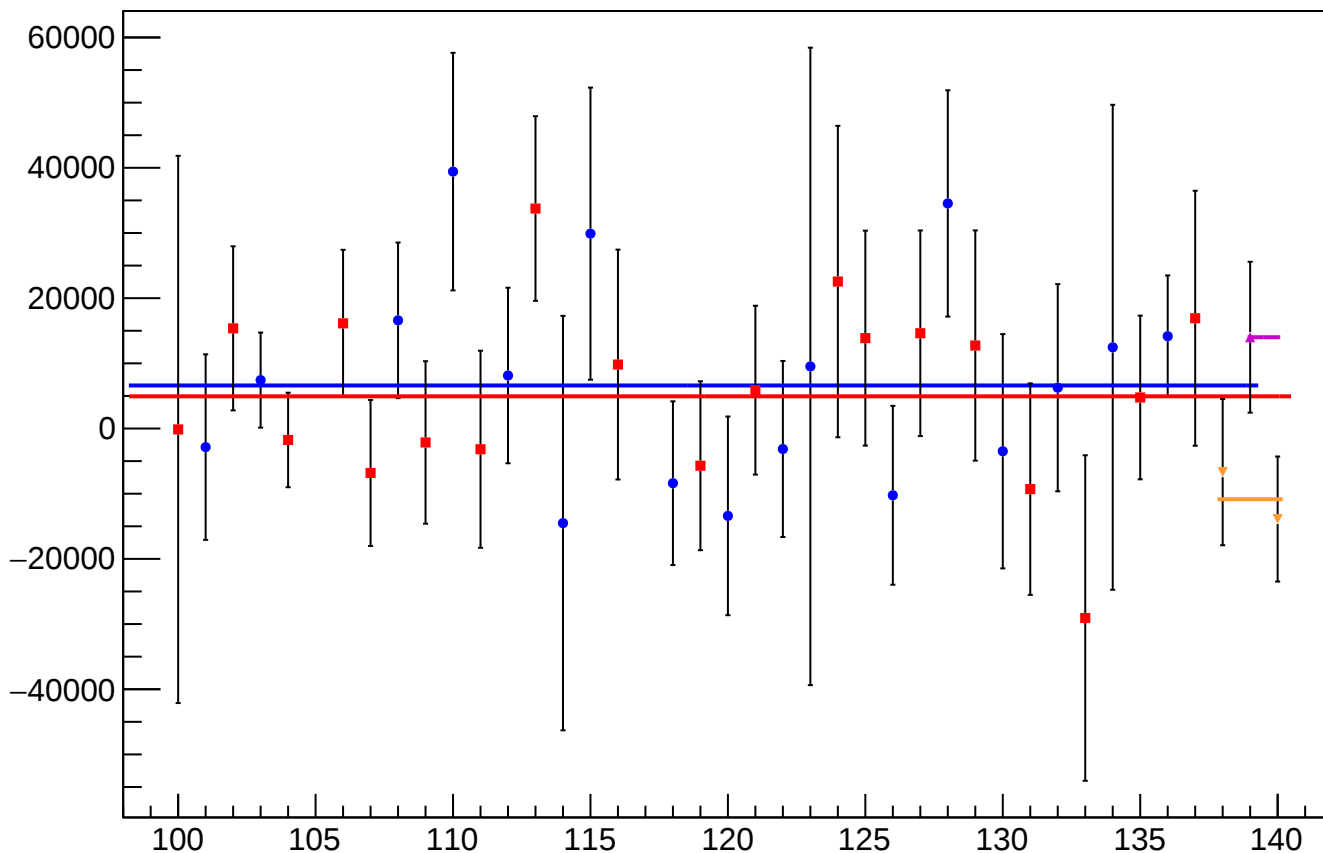
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8201.990 $\pm$ 2.187 χ^2 /NDF:875663.2/17

Out: 7490.372 $\pm$ 1.888 χ^2 /NDF:1388313.8/20

All: 7794.175 $\pm$ 1.429 χ^2 /NDF: 2324658.7/38

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -10846.177+/-7289.992 χ^2/NDF : 0.2/1

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 14008.264+/-11573.855 χ^2/NDF : 0.0/0

Left: -3786.437+/-6168.370 χ^2/NDF : 3.5/2

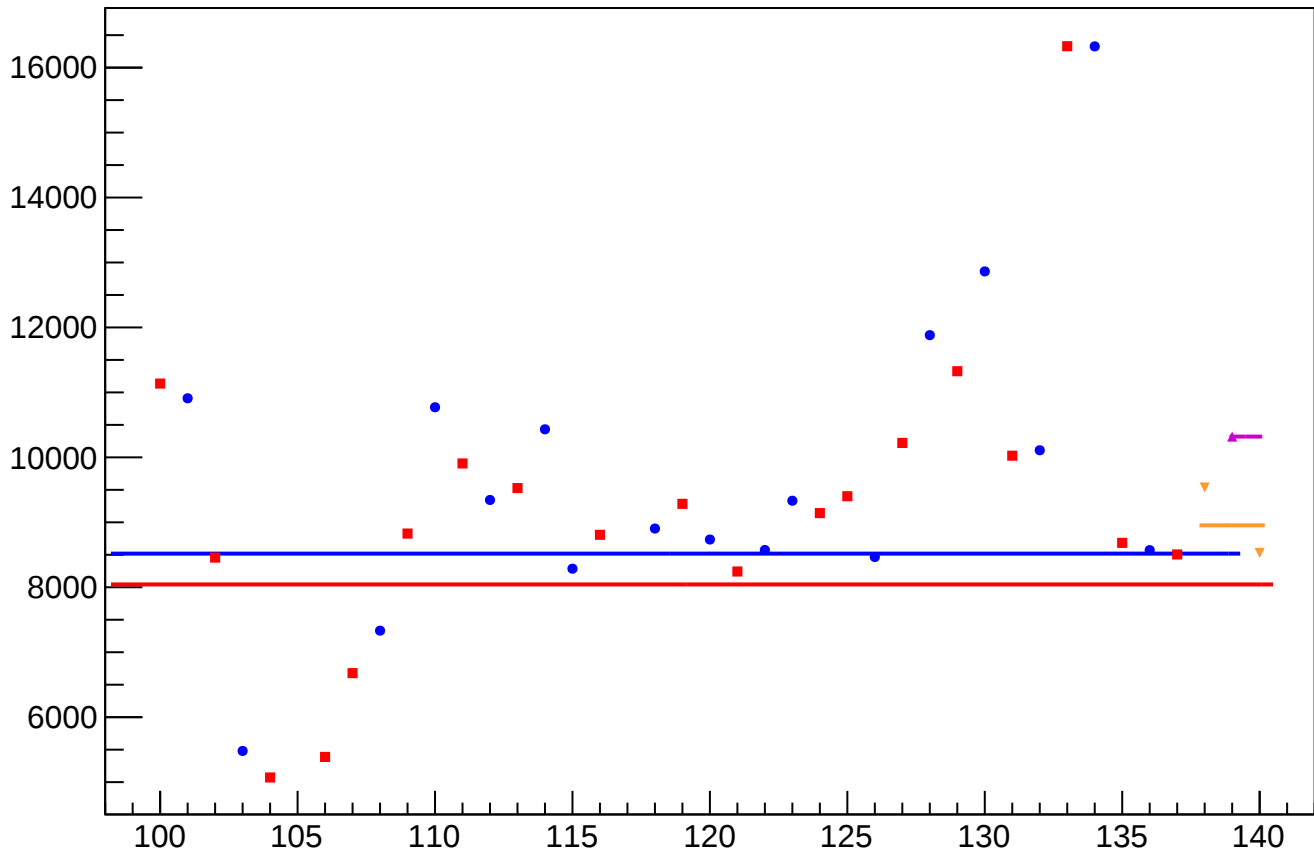
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 7193.965+/-3258.502 χ^2/NDF : 15.1/17

Out: 2431.539+/-2905.357 χ^2/NDF : 17.7/20

All: 4540.791+/-2168.544 χ^2/NDF : 34.0/38

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8954.171+/-5.155 χ^2/NDF : 9303.3/1

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 10320.026+/-8.184 χ^2/NDF : 0.0/0

Left: 9342.133+/-4.362 χ^2/NDF : 29245.4/2

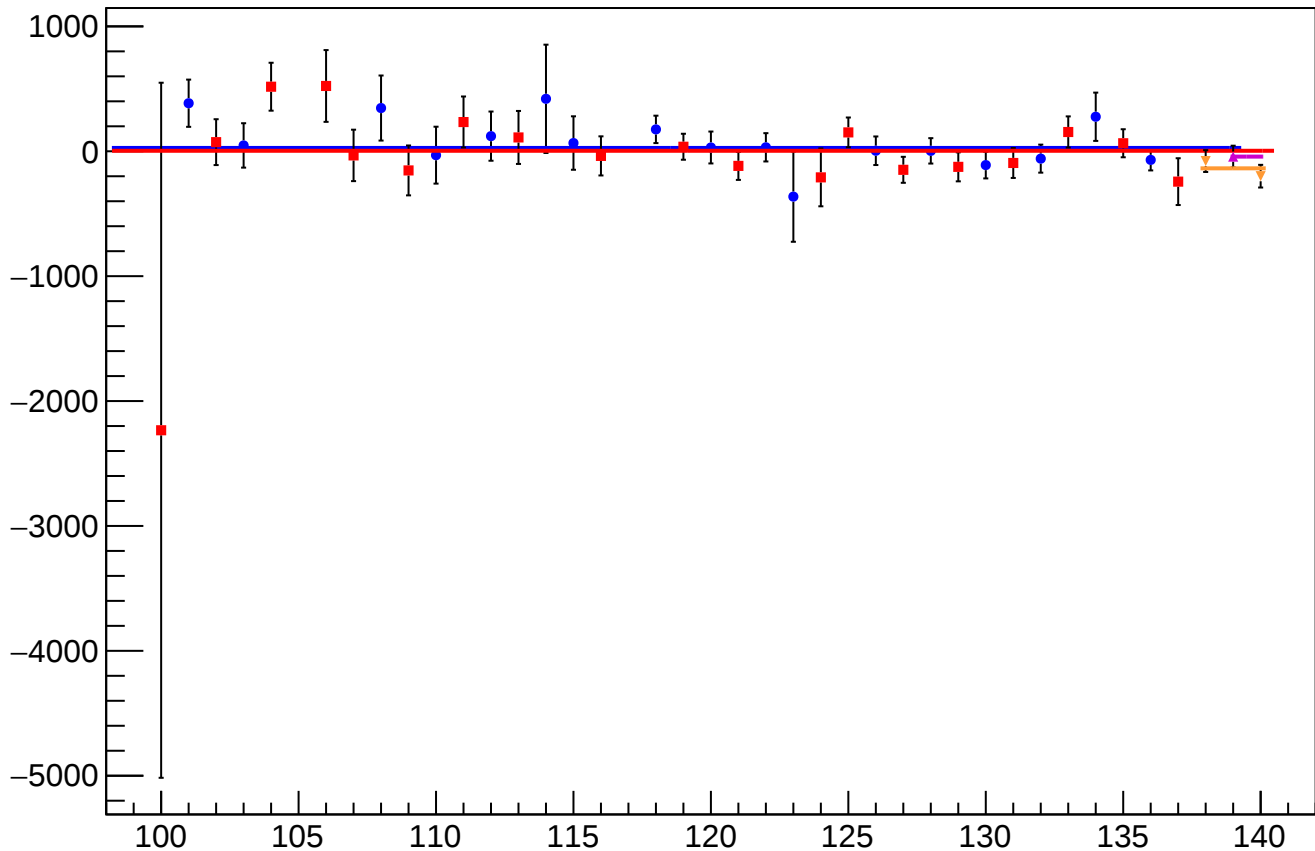
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8661.088+/-2.304 χ^2/NDF : 816622.2/17

Out: 8188.351+/-2.054 χ^2/NDF : 989115.0/20

All: 8397.717+/-1.533 χ^2/NDF : 1829189.4/38

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -136.593 ± 62.941 $\chi^2/\text{NDF}: 0.9/1$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -42.672 ± 87.366 $\chi^2/\text{NDF}: 0.0/0$

Left: -104.502 ± 51.068 $\chi^2/\text{NDF}: 1.7/2$

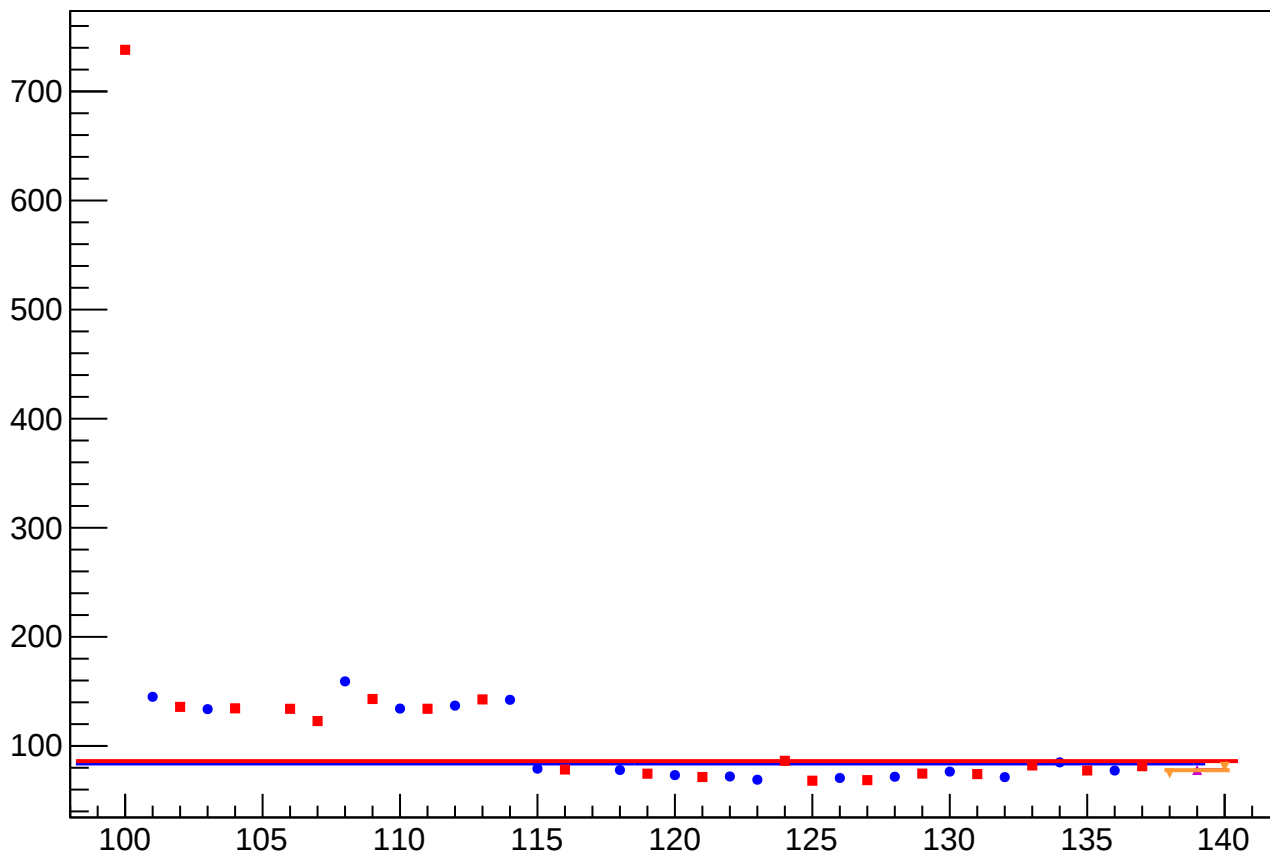
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: 17.761 ± 31.382 $\chi^2/\text{NDF}: 15.1/17$

Out: -27.521 ± 29.805 $\chi^2/\text{NDF}: 29.4/20$

All: -6.046 ± 21.611 $\chi^2/\text{NDF}: 45.5/38$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 ± 0.024 χ^2/NDF : 960253.6/16

Left Out: 77.770 ± 0.045 χ^2/NDF : 4504.6/1

Right Out: 86.109 ± 0.024 χ^2/NDF : 1136227.7/18

Left In: 77.989 ± 0.062 χ^2/NDF : 0.0/0

Left: 77.845 ± 0.036 χ^2/NDF : 4512.9/2

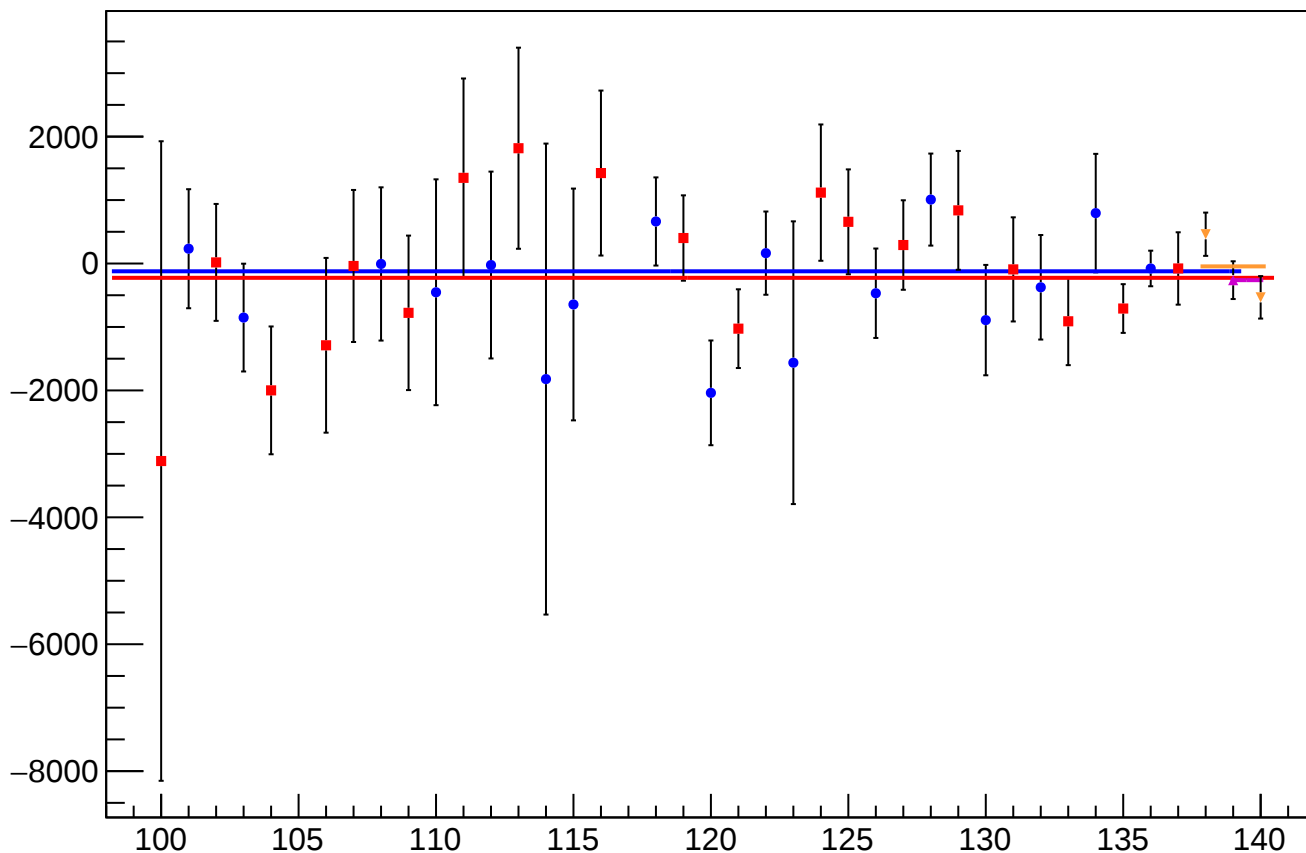
Right: 85.028 ± 0.017 χ^2/NDF : 2100535.6/35

In: 83.190 ± 0.022 χ^2/NDF : 968391.1/17

Out: 84.239 ± 0.021 χ^2/NDF : 1167961.8/20

All: 83.741 ± 0.015 χ^2/NDF : 2137527.0/38

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -45.155 ± 238.826 χ^2/NDF : 4.3/1

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -262.264 ± 297.484 χ^2/NDF : 0.0/0

Left: -130.244 ± 186.235 χ^2/NDF : 4.7/2

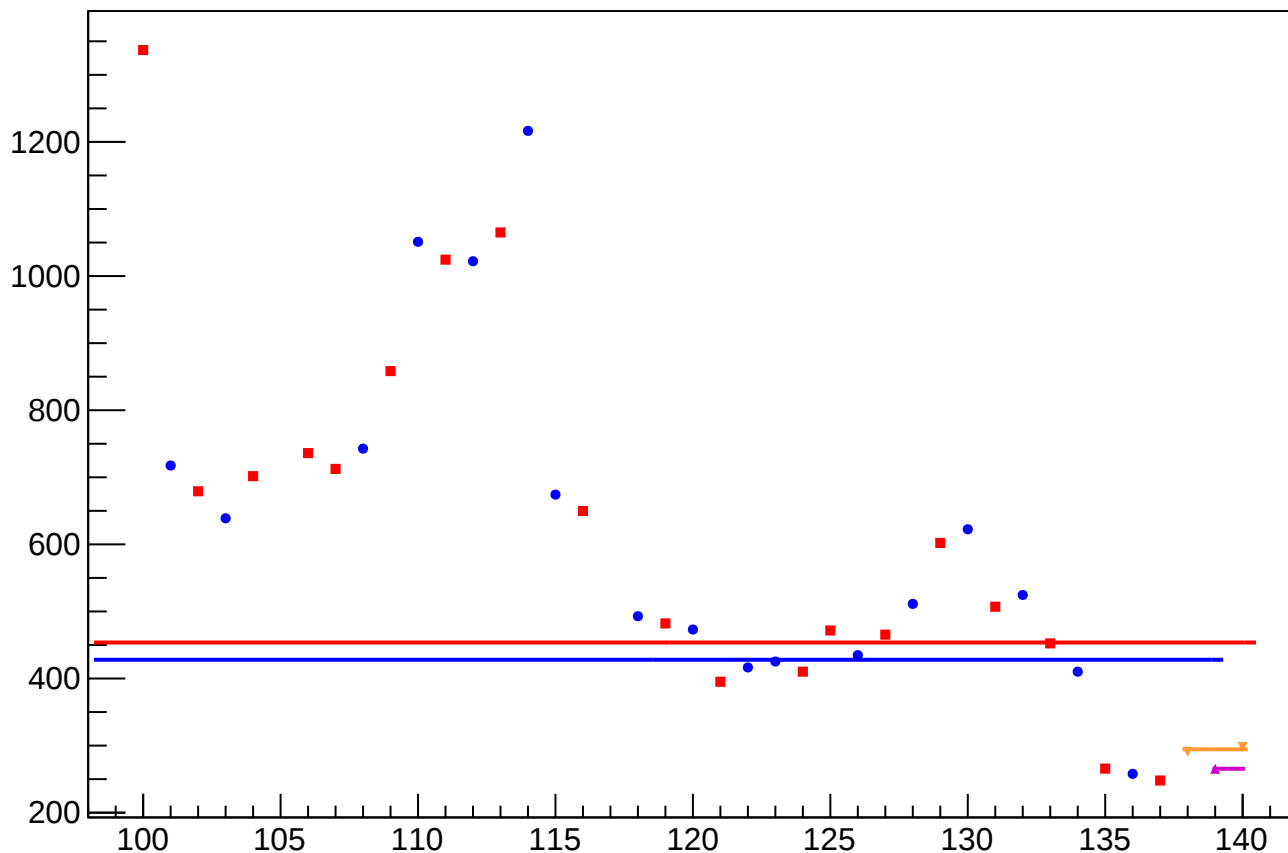
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -159.765 ± 153.744 χ^2/NDF : 13.2/17

Out: -157.830 ± 146.240 χ^2/NDF : 23.0/20

All: -158.749 ± 105.961 χ^2/NDF : 36.2/38

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 294.435+/-0.169 χ^2/NDF :450.3/1

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 265.459+/-0.210 χ^2/NDF :0.0/0

Left: 283.078+/-0.132 χ^2/NDF : 11988.6/2

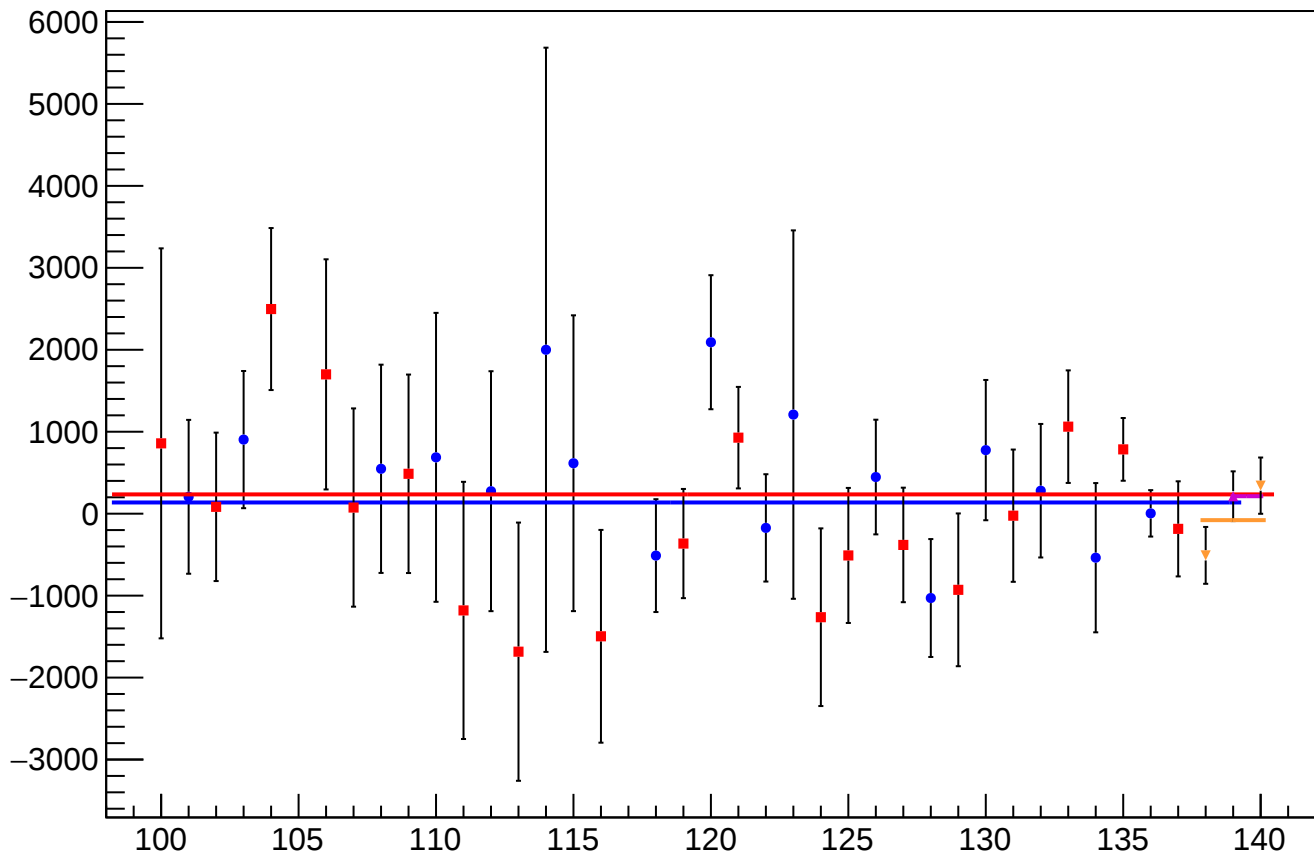
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 384.575+/-0.109 χ^2/NDF :2499769.2/17

Out: 393.983+/-0.103 χ^2/NDF :2690927.1/20

All: 389.514+/-0.075 χ^2/NDF : 5194628.3/38

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -78.830 $\pm$ 244.011 χ^2 /NDF: 3.0/1

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 213.041 $\pm$ 303.453 χ^2 /NDF: 0.0/0

Left: 35.785 $\pm$ 190.158 χ^2 /NDF: 3.6/2

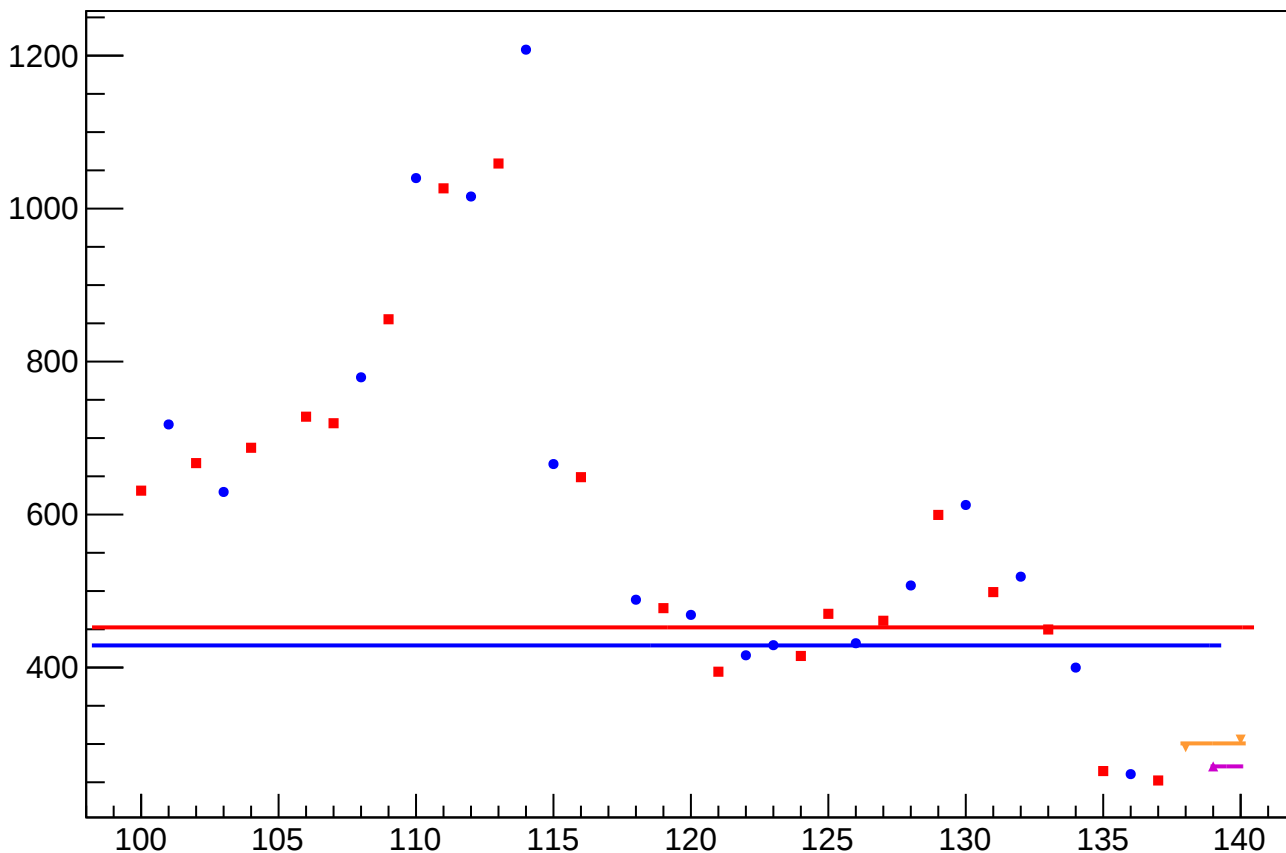
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 156.587 $\pm$ 154.564 χ^2 /NDF: 12.7/17

Out: 121.431 $\pm$ 146.926 χ^2 /NDF: 25.9/20

All: 138.119 $\pm$ 106.490 χ^2 /NDF: 38.6/38

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 300.802 $\pm$ 0.173 χ^2 /NDF:832.4/1

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 270.760 $\pm$ 0.215 χ^2 /NDF:0.0/0

Left: 289.005 $\pm$ 0.134 χ^2 /NDF: 12736.8/2

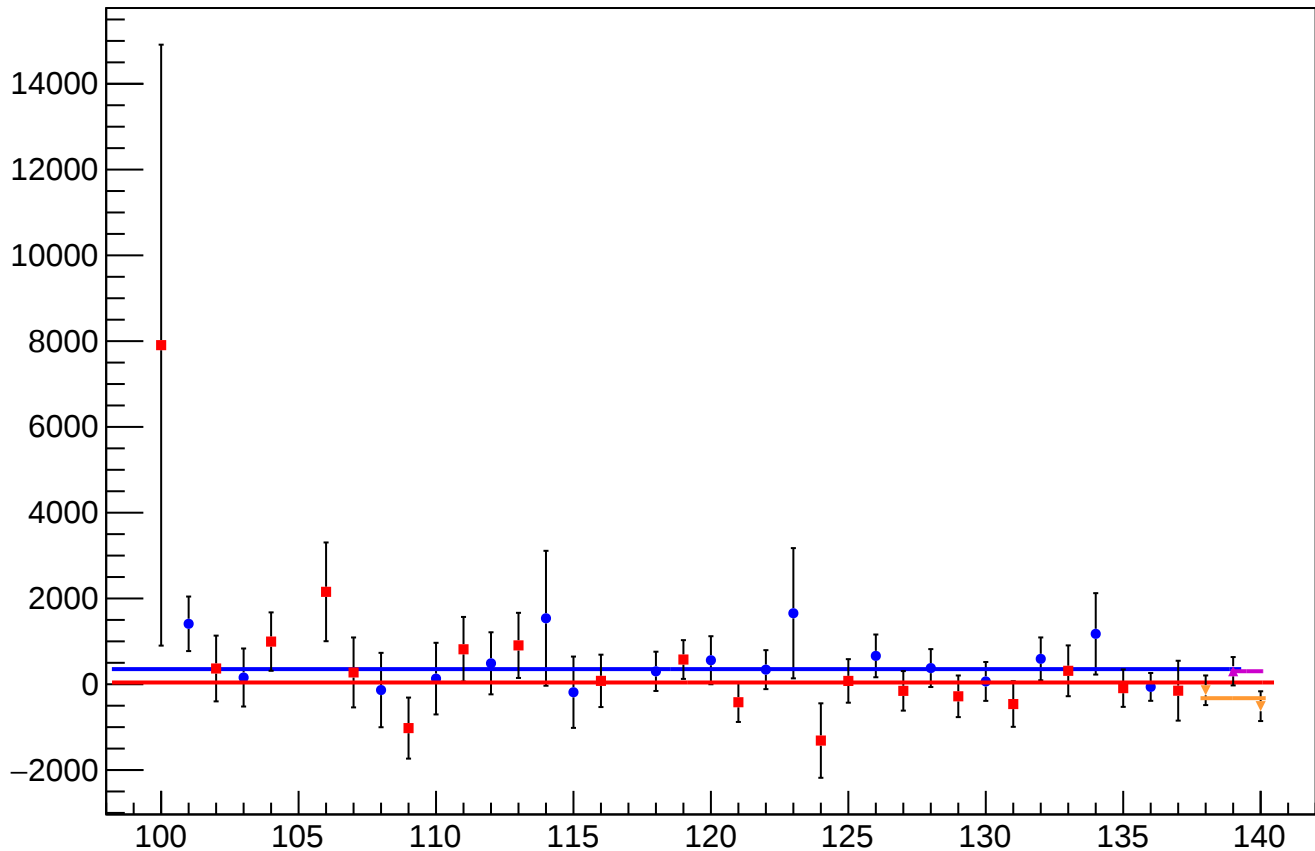
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 387.865 $\pm$ 0.109 χ^2 /NDF:2412785.5/17

Out: 397.492 $\pm$ 0.104 χ^2 /NDF:2535579.5/20

All: 392.922 $\pm$ 0.075 χ^2 /NDF: 4952441.4/38

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -324.822 $\pm$ 244.838 χ^2 /NDF:0.6/1

Right Out: 41.079 $\pm$ 138.996 χ^2 /NDF: 18.2/18

Left In: 303.460 $\pm$ 330.886 χ^2 /NDF:0.0/0

Left: -102.532 $\pm$ 196.816 χ^2 /NDF: 2.9/2

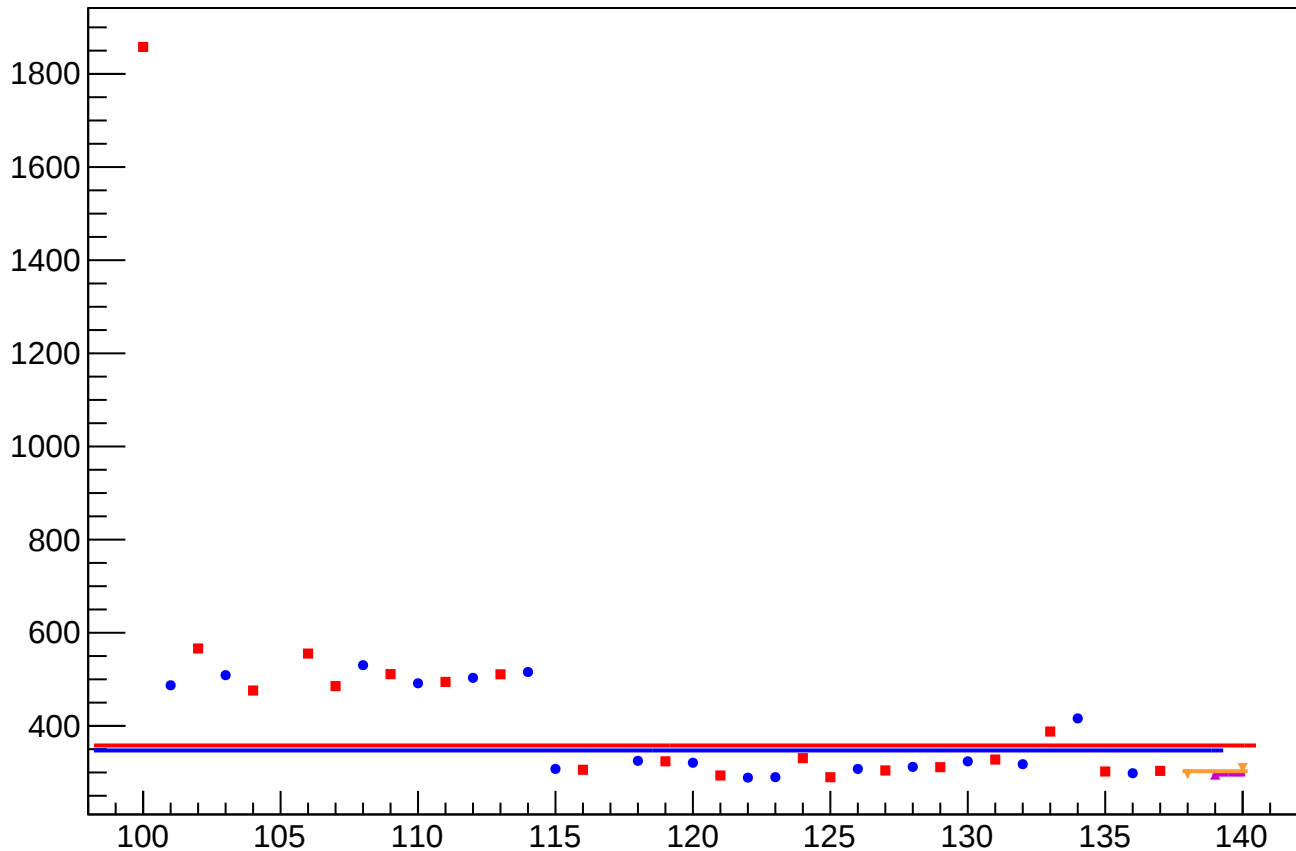
Right: 198.919 $\pm$ 97.679 χ^2 /NDF: 29.3/35

In: 345.661 $\pm$ 126.814 χ^2 /NDF:8.6/17

Out: -48.104 $\pm$ 120.876 χ^2 /NDF:20.4/20

All: 139.343 $\pm$ 87.496 χ^2 /NDF: 34.1/38

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.733+/-0.173 χ^2/NDF :1545.0/1

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 295.394+/-0.234 χ^2/NDF :0.0/0

Left: 300.137+/-0.139 χ^2/NDF : 2180.8/2

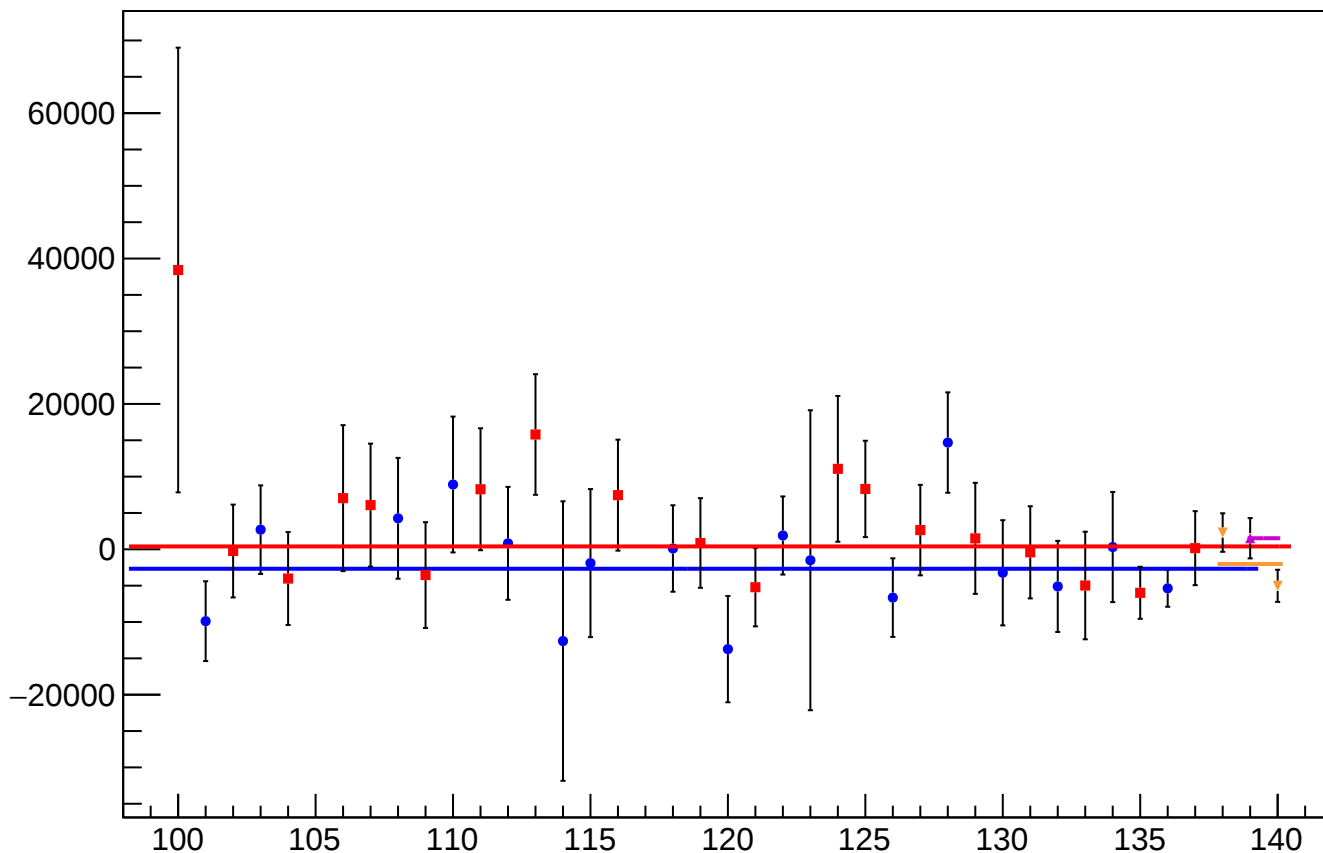
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 339.658+/-0.090 χ^2/NDF :660861.2/17

Out: 344.496+/-0.085 χ^2/NDF :930134.4/20

All: 342.193+/-0.062 χ^2/NDF : 1592520.3/38

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2015.542 $\pm$ 1696.556 χ^2 /NDF: 4.5/1

Right Out: 398.443 $\pm$ 1515.968 χ^2 /NDF: 15.9/18

Left In: 1524.306 $\pm$ 2772.835 χ^2 /NDF: 0.0/0

Left: -1051.330 $\pm$ 1447.165 χ^2 /NDF: 5.7/2

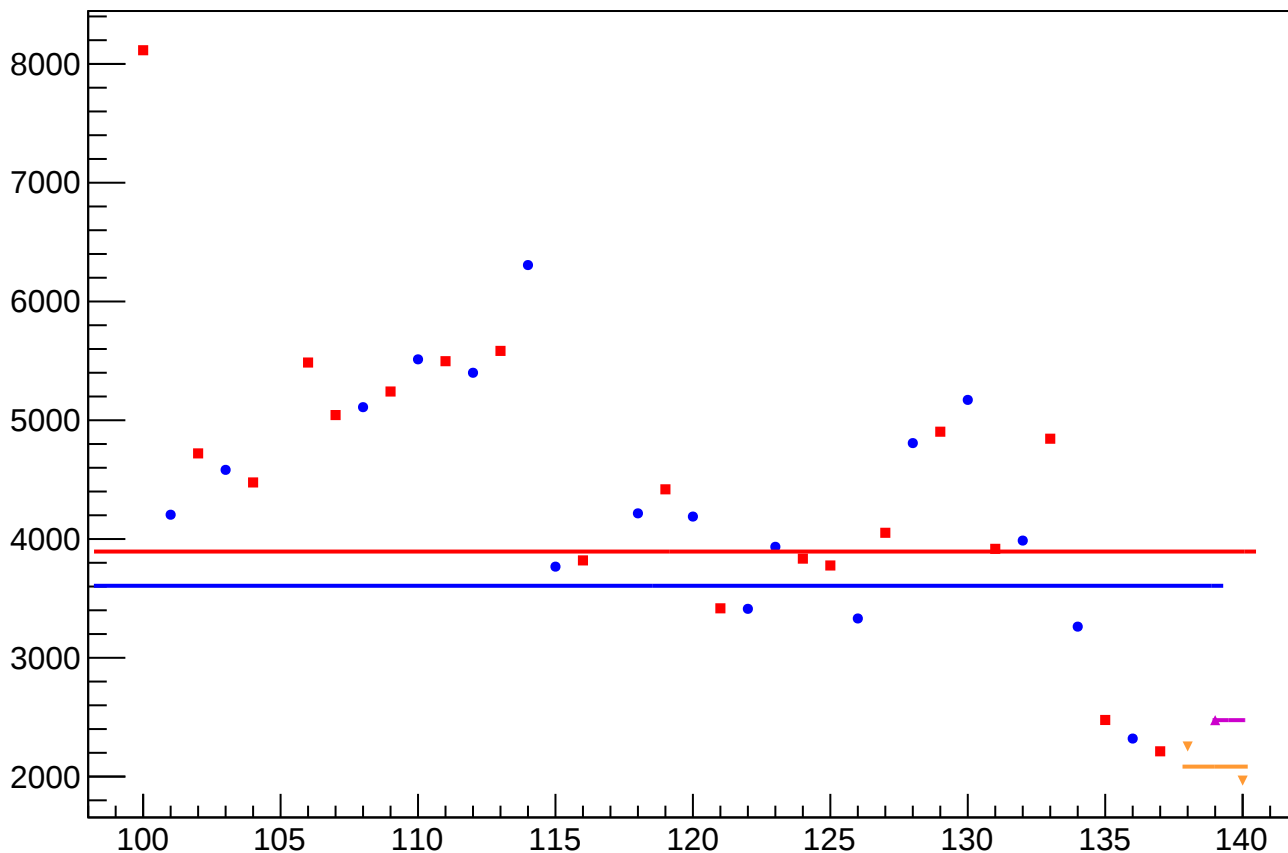
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -1766.450 $\pm$ 1289.219 χ^2 /NDF: 18.5/17

Out: -673.278 $\pm$ 1130.425 χ^2 /NDF: 21.6/20

All: -1148.430 $\pm$ 849.961 χ^2 /NDF: 40.5/38

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2083.803+/-1.200 χ^2/NDF :13862.7/1

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2475.076+/-1.961 χ^2/NDF :0.0/0

Left: 2190.381+/-1.023 χ^2/NDF : 42839.0/2

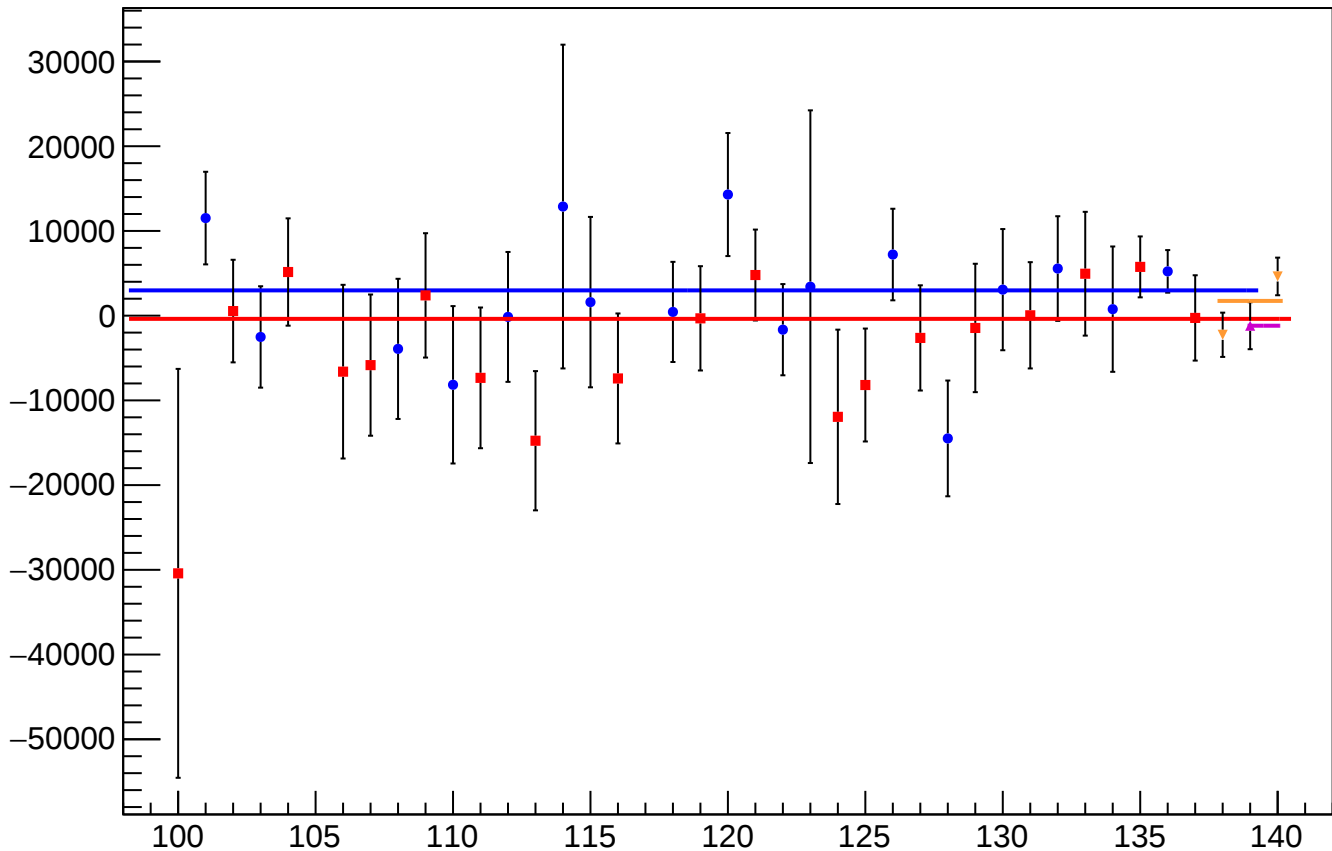
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 3361.804+/-0.912 χ^2/NDF :1353458.5/17

Out: 3090.670+/-0.799 χ^2/NDF :2313493.6/20

All: 3208.520+/-0.601 χ^2/NDF : 3716962.1/38

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1741.023+/-1691.870 χ^2/NDF : 4.0/1

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: -1187.257+/-2772.991 χ^2/NDF : 0.0/0

Left: 946.666+/-1444.275 χ^2/NDF : 4.8/2

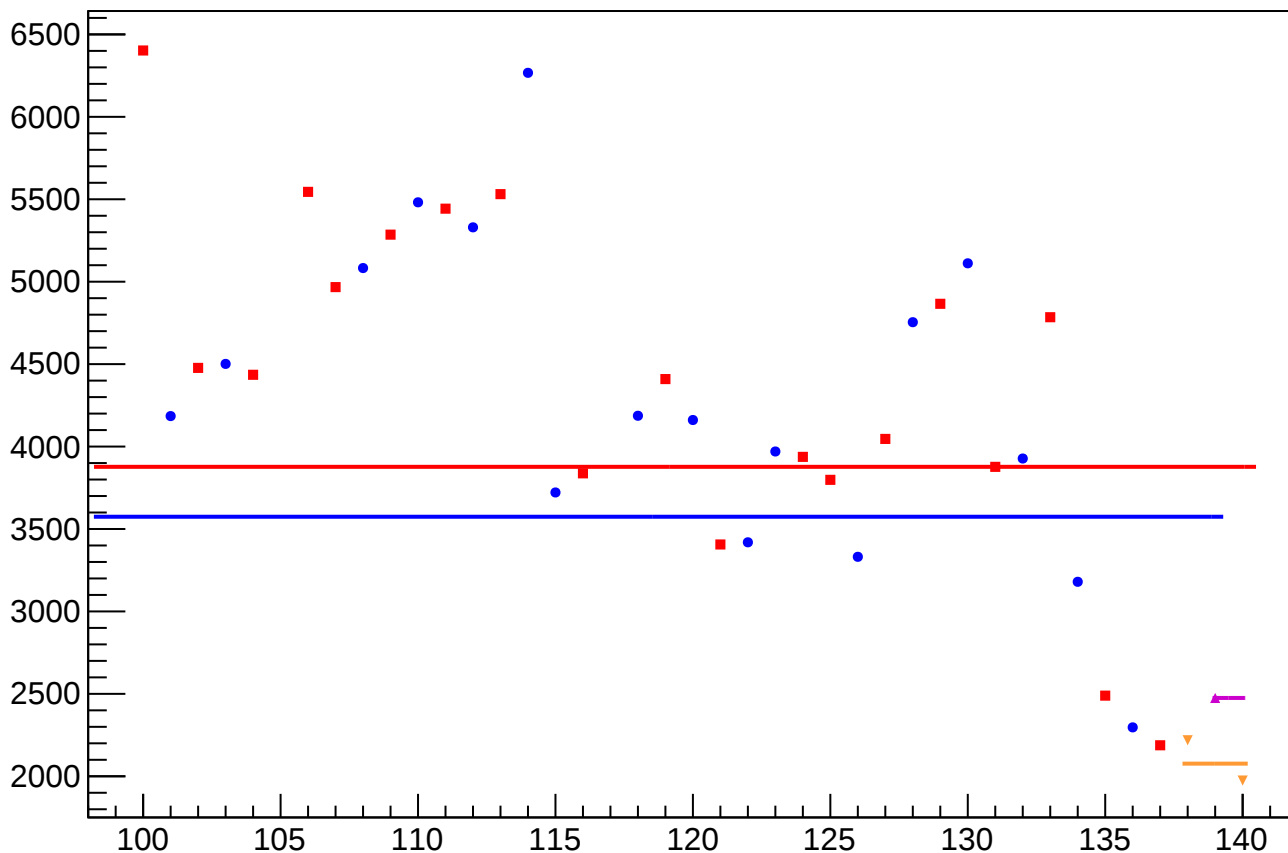
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 2094.232+/-1280.496 χ^2/NDF : 19.2/17

Out: 560.077+/-1125.481 χ^2/NDF : 20.0/20

All: 1228.719+/-845.357 χ^2/NDF : 40.0/38

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2076.699+/-1.196 χ^2/NDF : 10159.4/1

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2475.171+/-1.961 χ^2/NDF : 0.0/0

Left: 2184.793+/-1.021 χ^2/NDF : 40254.4/2

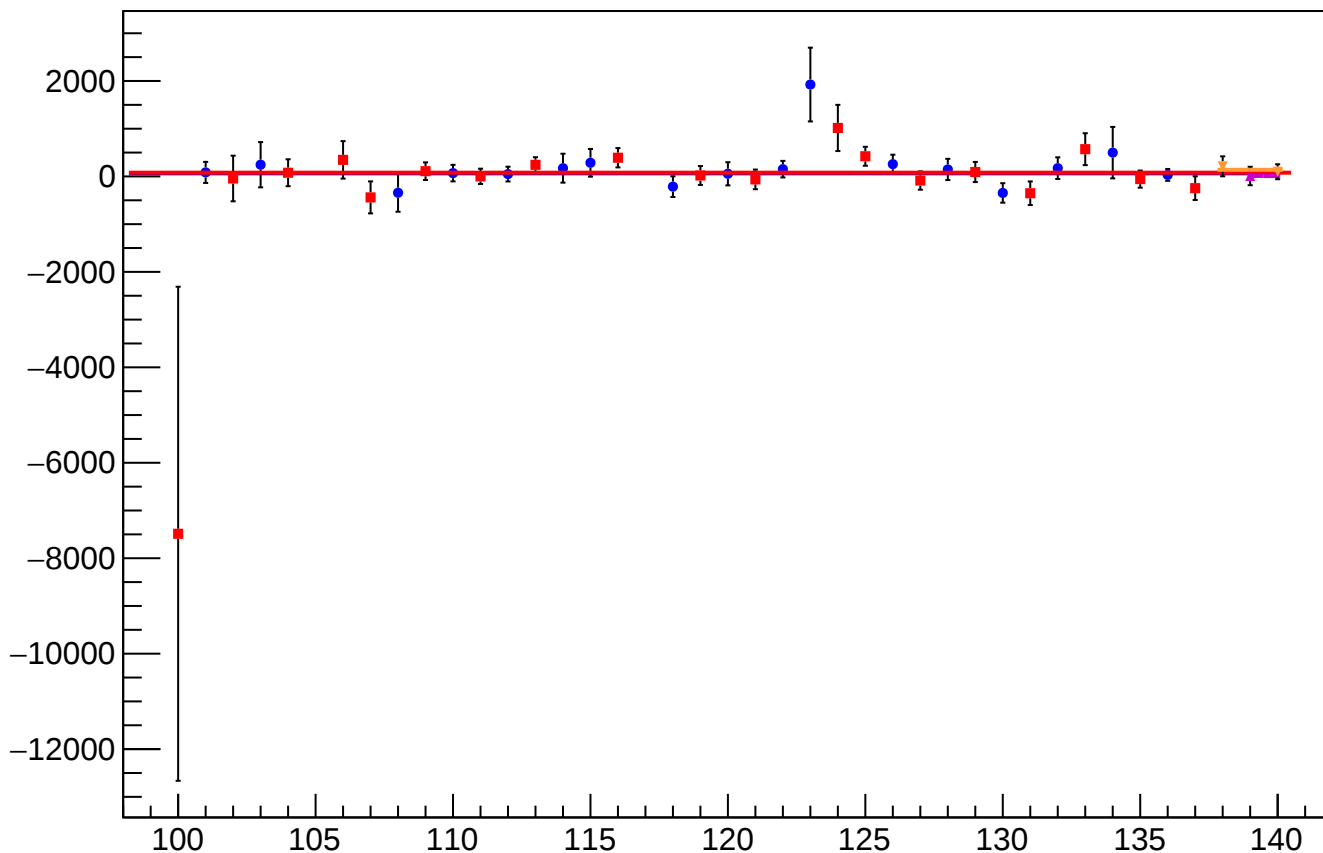
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 3339.976+/-0.905 χ^2/NDF : 1338593.8/17

Out: 3080.383+/-0.796 χ^2/NDF : 2262891.0/20

All: 3193.523+/-0.598 χ^2/NDF : 3647857.7/38

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 139.051+/-125.134 χ^2/NDF : 0.2/1

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 8.863+/-192.975 χ^2/NDF : 0.0/0

Left: 100.513+/-104.992 χ^2/NDF : 0.5/2

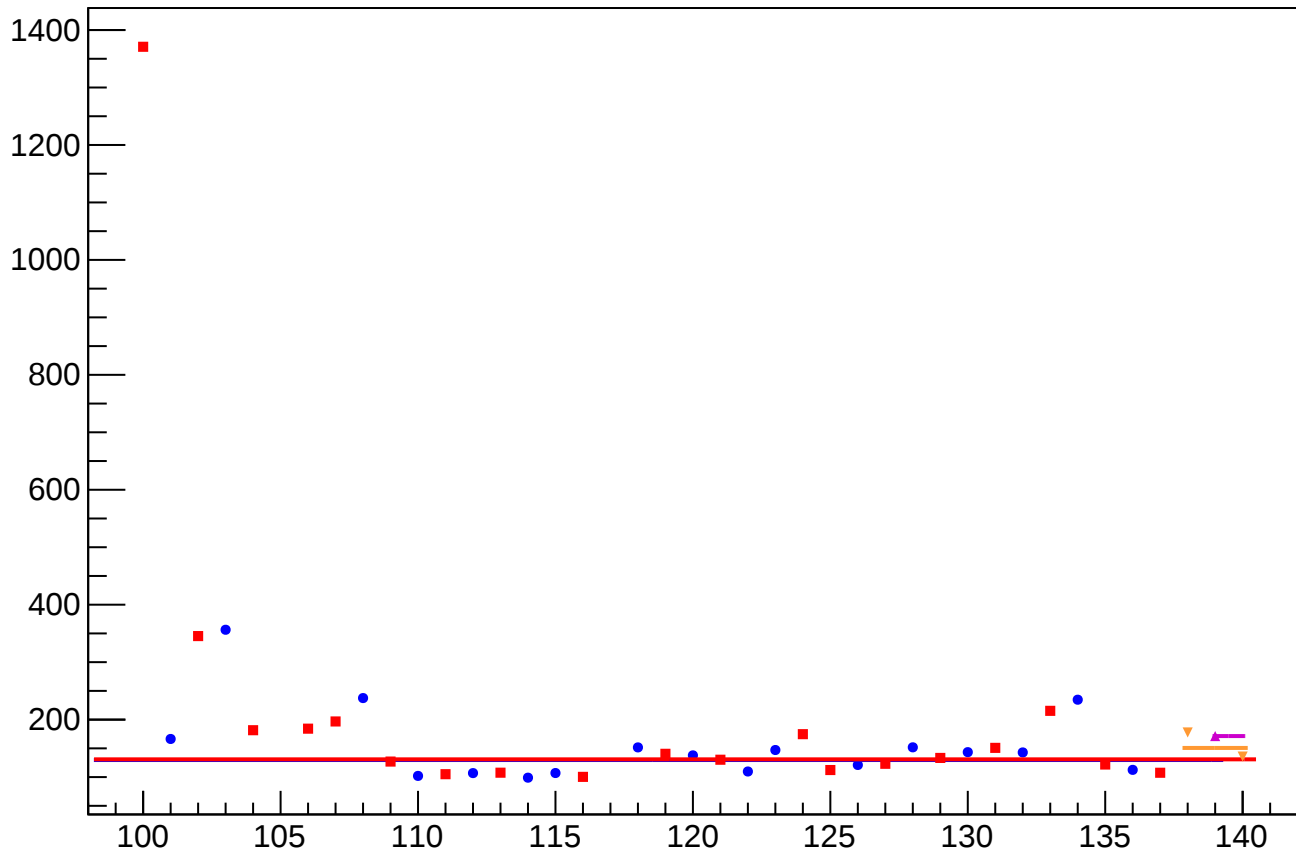
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 61.313+/-50.839 χ^2/NDF : 15.8/17

Out: 87.686+/-48.287 χ^2/NDF : 24.7/20

All: 75.178+/-35.011 χ^2/NDF : 40.6/38

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 150.714 $\pm$ 0.088 χ^2 /NDF: 51638.9/1

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 171.381 $\pm$ 0.136 χ^2 /NDF: 0.0/0

Left: 156.832 $\pm$ 0.074 χ^2 /NDF: 67788.9/2

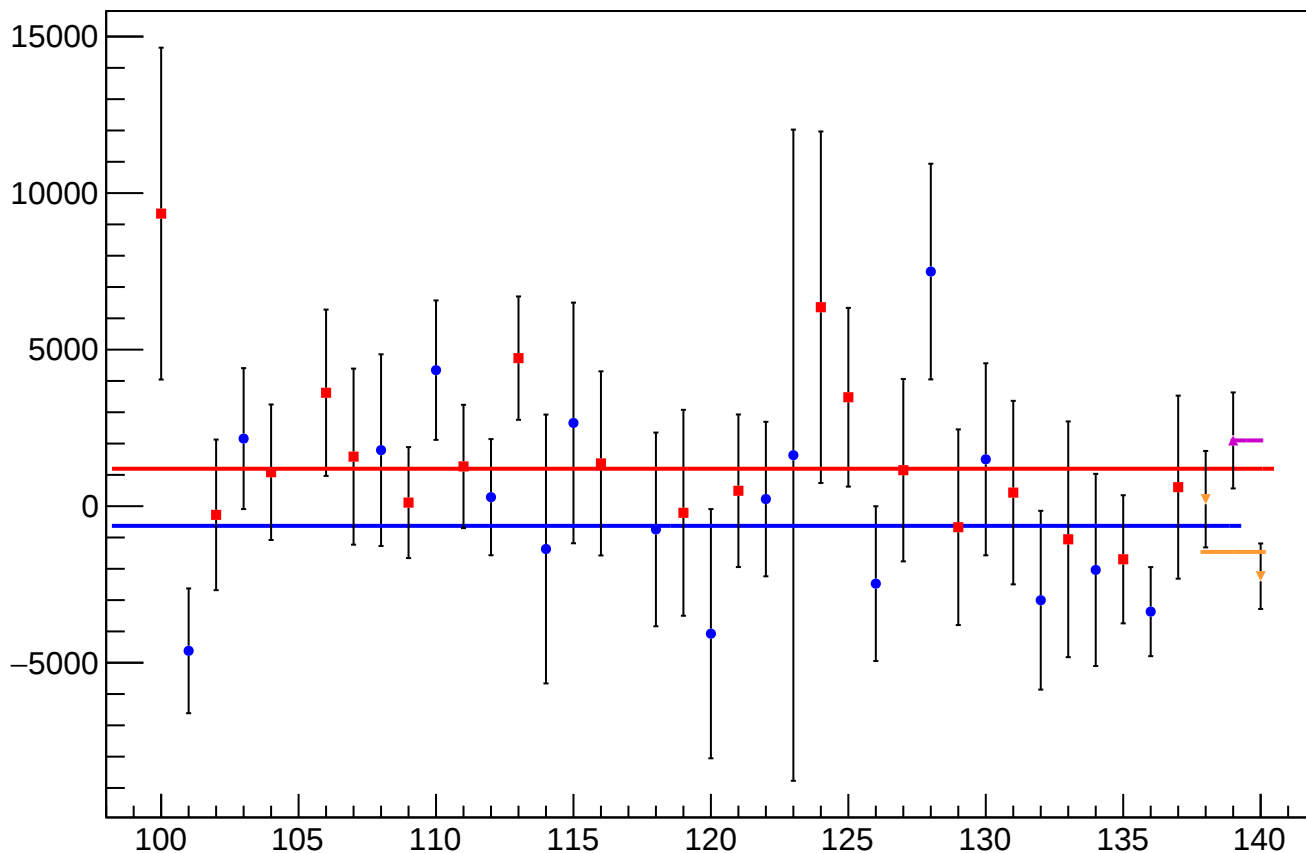
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 132.590 $\pm$ 0.036 χ^2 /NDF: 1076526.9/17

Out: 133.832 $\pm$ 0.034 χ^2 /NDF: 1136735.1/20

All: 133.243 $\pm$ 0.025 χ^2 /NDF: 2213889.5/38

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1460.660+/-865.201 χ^2/NDF : 1.7/1

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 2100.114+/-1533.280 χ^2/NDF : 0.0/0

Left: -600.689+/-753.514 χ^2/NDF : 5.8/2

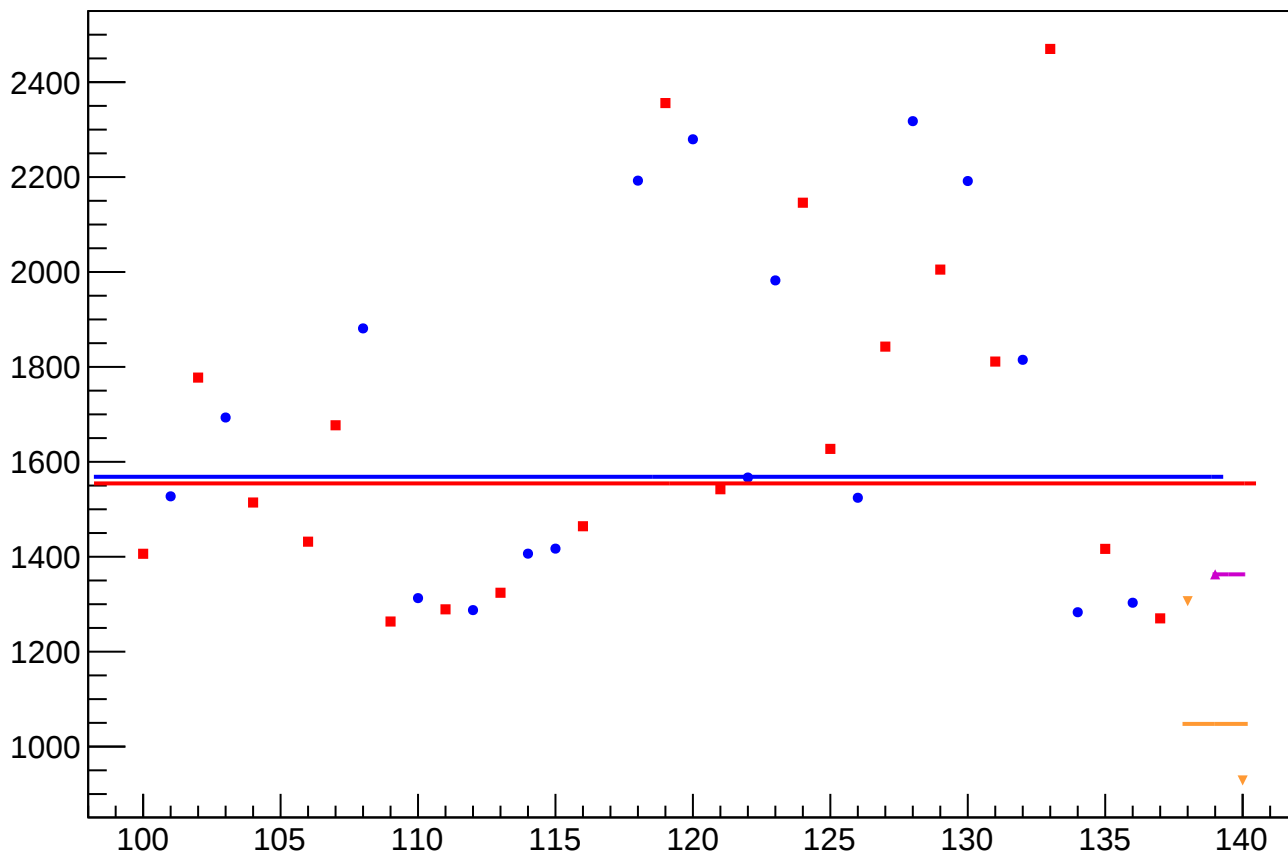
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -243.186+/-575.971 χ^2/NDF : 27.0/17

Out: 341.786+/-490.642 χ^2/NDF : 19.9/20

All: 95.800+/-373.498 χ^2/NDF : 47.5/38

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 1047.812+/-0.612 χ^2/NDF : 82303.7/1

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 1362.908+/-1.084 χ^2/NDF : 0.0/0

Left: 1123.912+/-0.533 χ^2/NDF : 146368.6/2

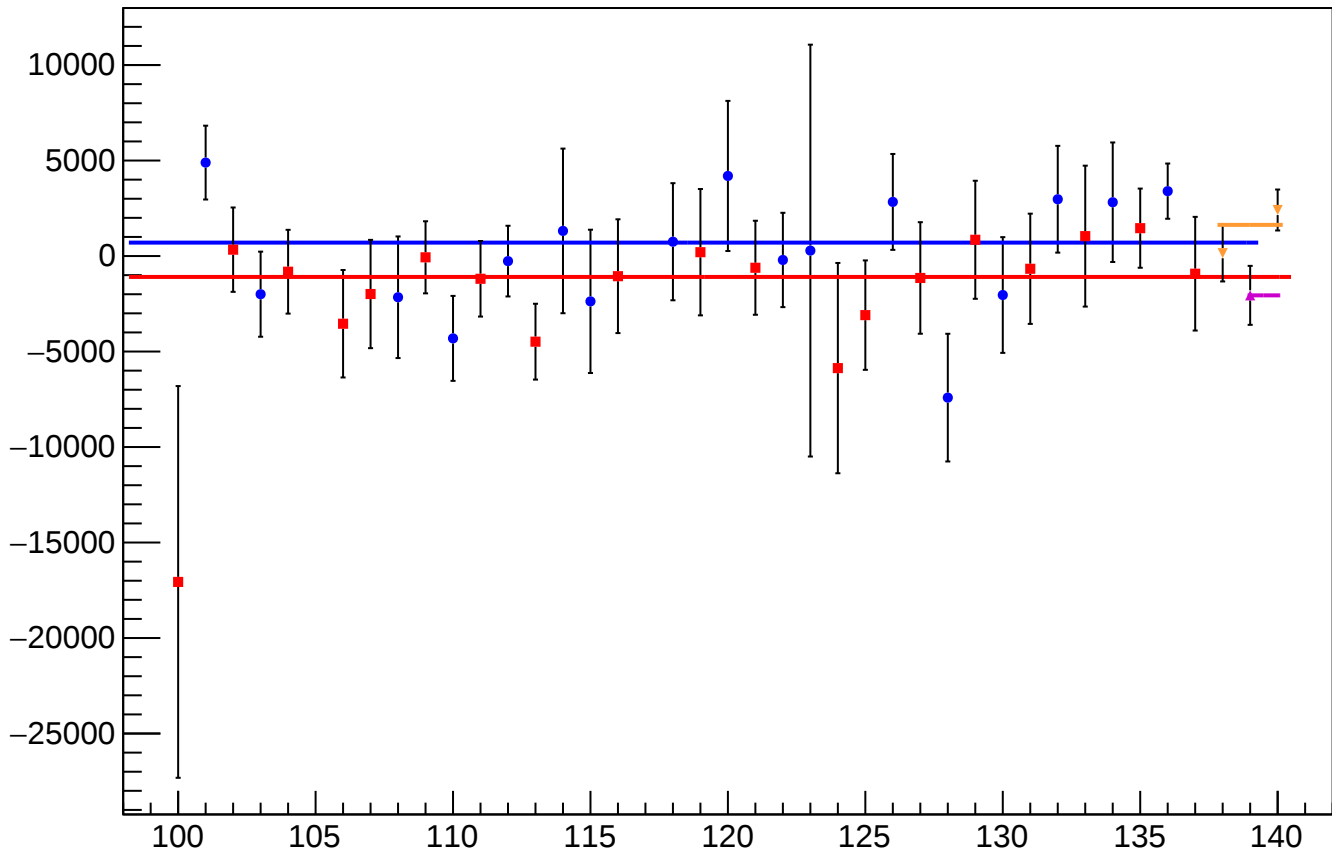
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1539.472+/-0.407 χ^2/NDF : 565076.0/17

Out: 1391.575+/-0.347 χ^2/NDF : 1059733.6/20

All: 1453.767+/-0.264 χ^2/NDF : 1701226.8/38

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1632.356 $\pm$ 868.282 χ^2 /NDF:1.5/1

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -2058.733 $\pm$ 1543.896 χ^2 /NDF:0.0/0

Left: 745.427 $\pm$ 756.807 χ^2 /NDF: 5.9/2

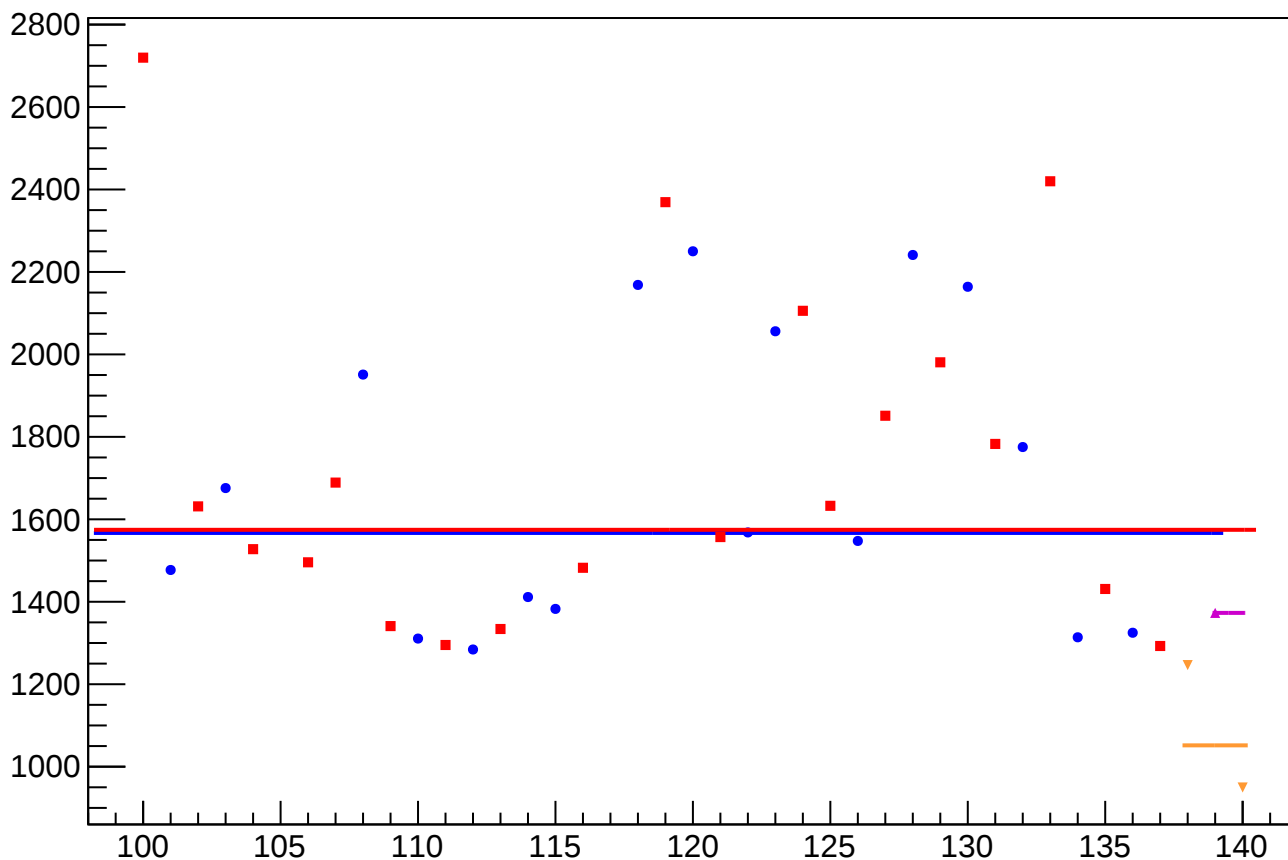
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 318.862 $\pm$ 575.835 χ^2 /NDF:28.7/17

Out: -206.426 $\pm$ 495.392 χ^2 /NDF:18.8/20

All: 16.993 $\pm$ 375.543 χ^2 /NDF: 48.0/38

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1051.725 $\pm$ 0.614 χ^2 /NDF: 52776.5/1

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 1373.026 $\pm$ 1.092 χ^2 /NDF: 0.0/0

Left: 1128.930 $\pm$ 0.535 χ^2 /NDF: 118582.7/2

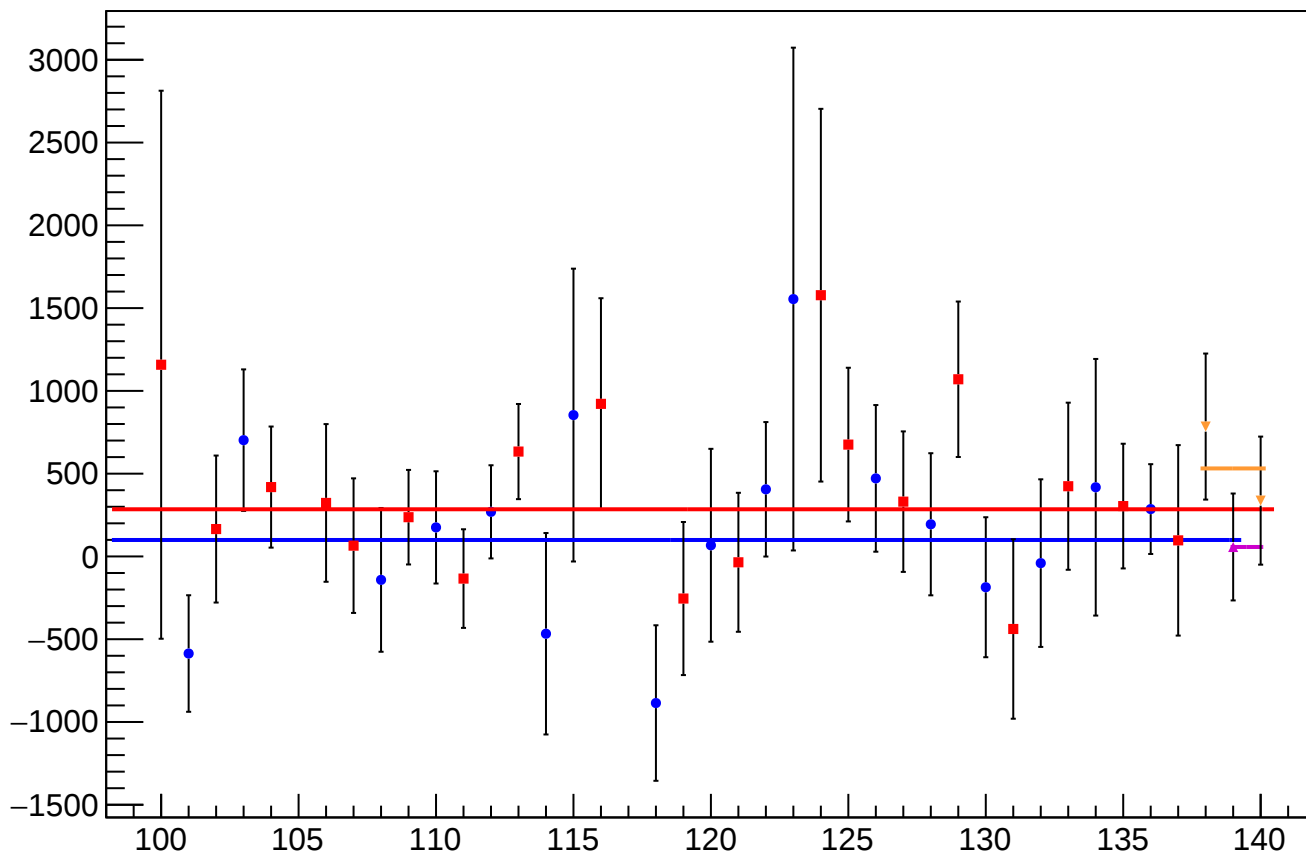
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1539.962 $\pm$ 0.407 χ^2 /NDF: 527007.0/17

Out: 1404.344 $\pm$ 0.350 χ^2 /NDF: 1006109.8/20

All: 1462.025 $\pm$ 0.266 χ^2 /NDF: 1596868.1/38

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 531.561 $\pm$ 290.819 χ^2 /NDF:0.6/1

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 57.136 $\pm$ 322.919 χ^2 /NDF:0.0/0

Left: 319.095 $\pm$ 216.100 χ^2 /NDF: 1.8/2

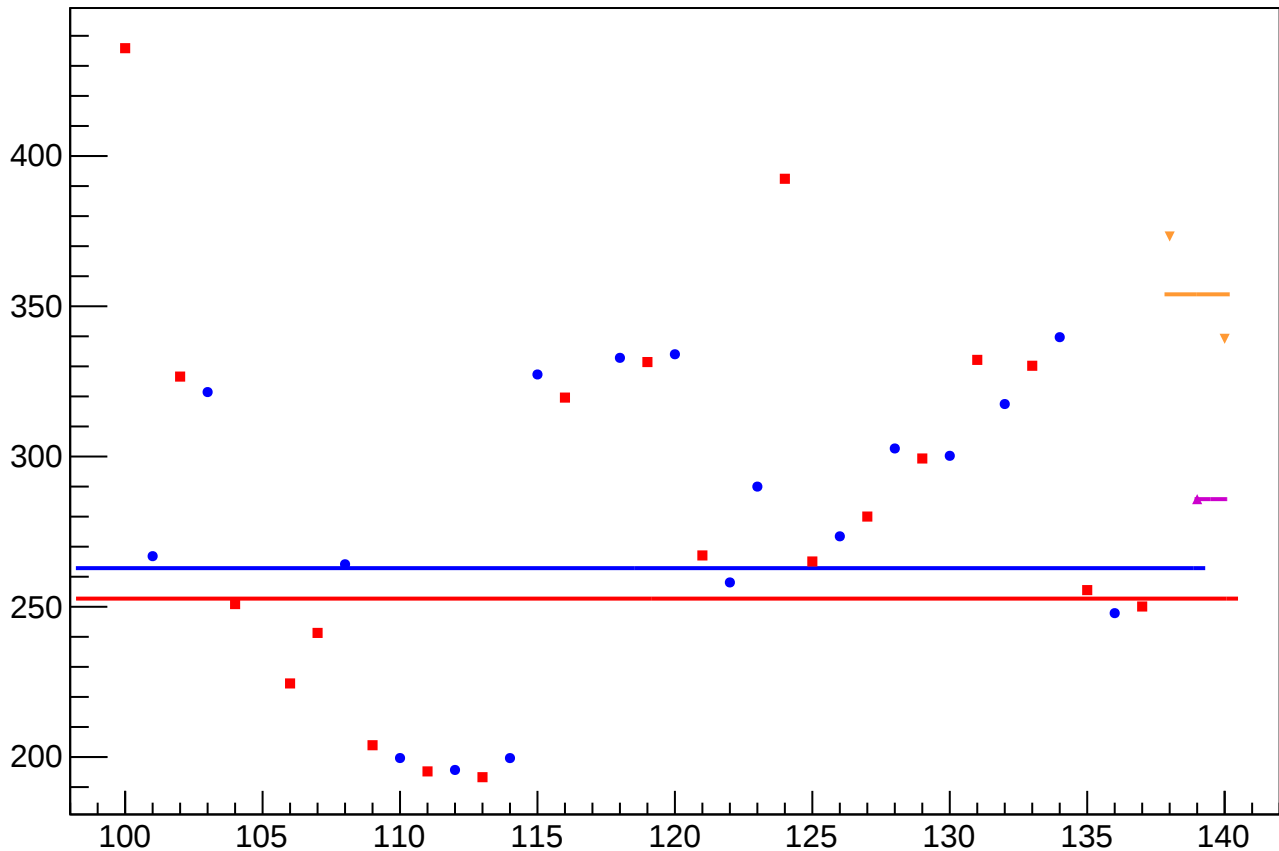
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 95.454 $\pm$ 98.530 χ^2 /NDF:15.9/17

Out: 309.904 $\pm$ 92.621 χ^2 /NDF:15.2/20

All: 209.301 $\pm$ 67.485 χ^2 /NDF: 33.7/38

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 353.974+/-0.206 χ^2/NDF : 6736.7/1

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 285.820+/-0.228 χ^2/NDF : 0.0/0

Left: 323.452+/-0.153 χ^2/NDF : 55928.3/2

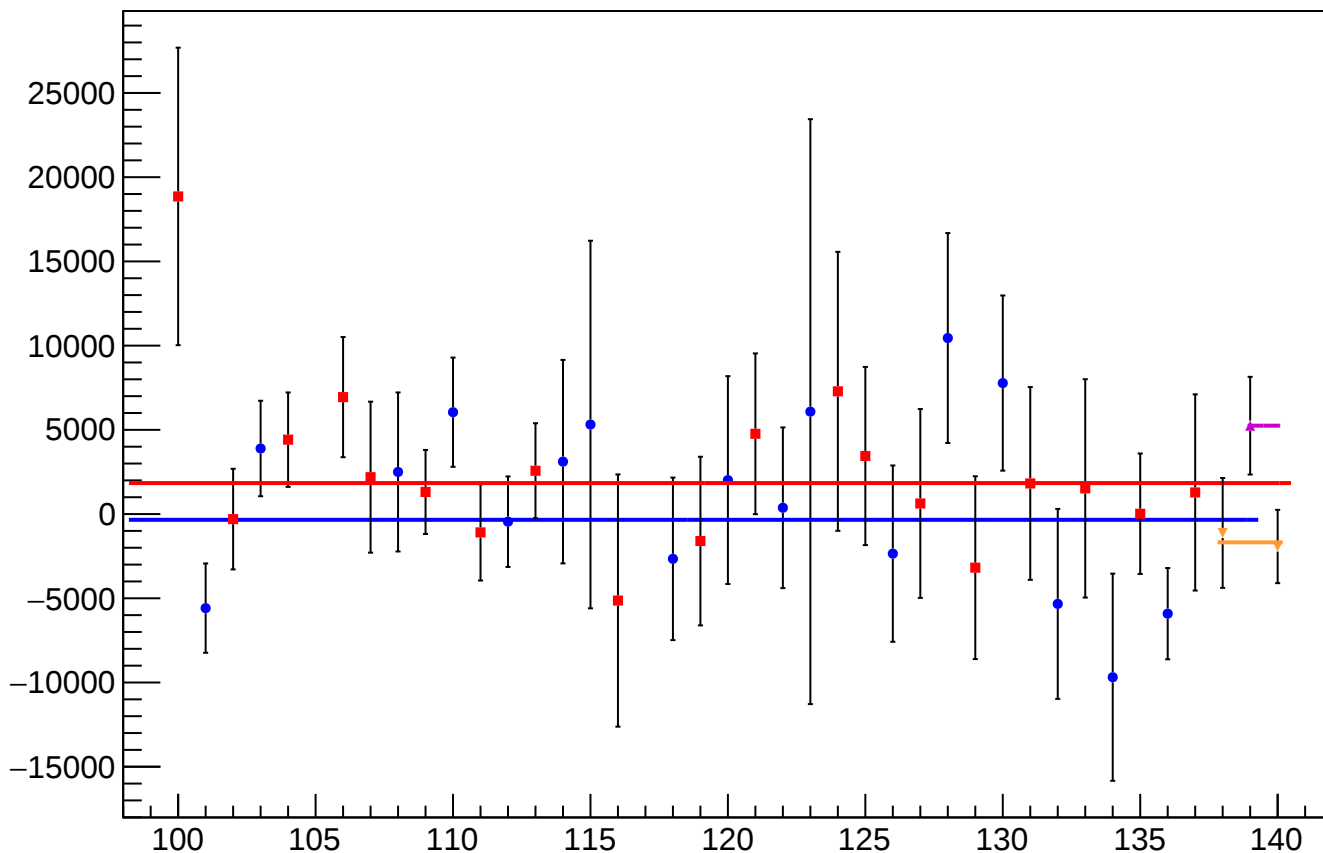
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 264.994+/-0.070 χ^2/NDF : 420871.0/17

Out: 262.990+/-0.065 χ^2/NDF : 764317.0/20

All: 263.930+/-0.048 χ^2/NDF : 1185627.2/38

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -1678.417+/-1809.791 χ^2/NDF : 0.0/1

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 5247.132+/-2899.609 χ^2/NDF : 0.0/0

Left: 263.156+/-1535.286 χ^2/NDF : 4.1/2

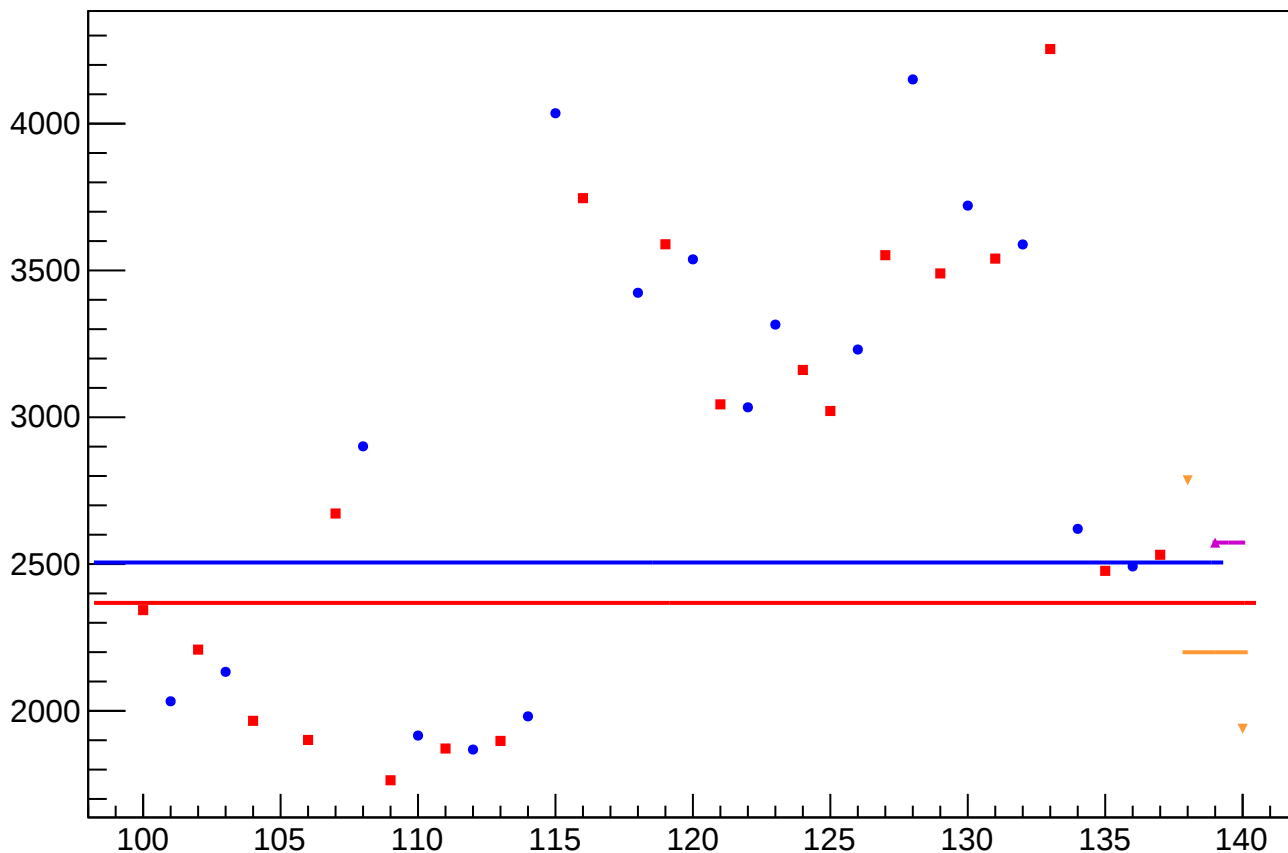
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 257.440+/-949.272 χ^2/NDF : 27.7/17

Out: 1112.039+/-823.474 χ^2/NDF : 14.7/20

All: 745.080+/-622.040 χ^2/NDF : 42.9/38

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2199.642+/-1.280 χ^2/NDF :93191.6/1

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2573.127+/-2.050 χ^2/NDF :0.0/0

Left: 2304.349+/-1.086 χ^2/NDF : 117070.7/2

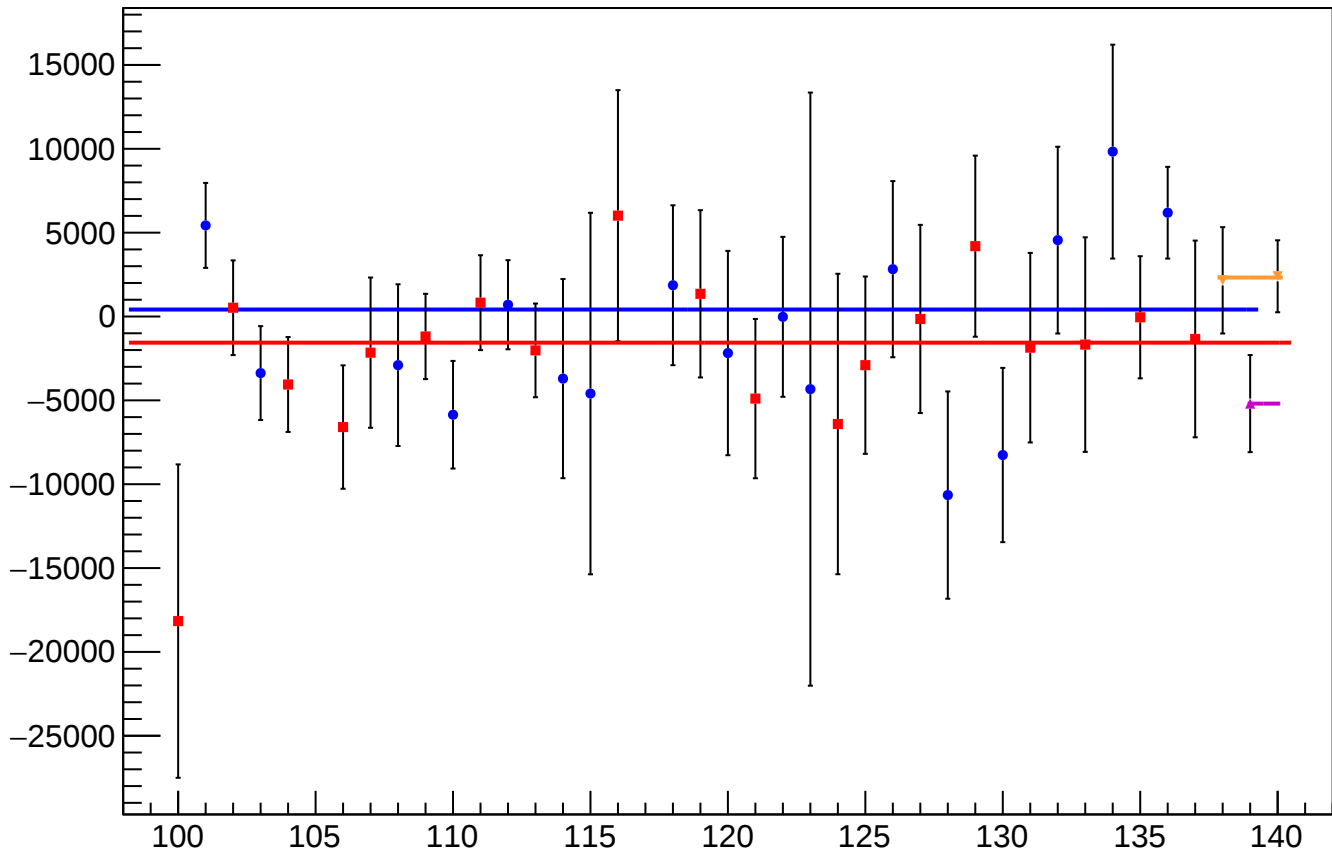
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2512.596+/-0.671 χ^2/NDF :865110.1/17

Out: 2332.930+/-0.582 χ^2/NDF :1137767.6/20

All: 2410.077+/-0.440 χ^2/NDF : 2043758.0/38

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2323.401+/-1777.263 χ^2/NDF : 0.0/1

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -5194.009+/-2894.994 χ^2/NDF : 0.0/0

Left: 265.717+/-1514.617 χ^2/NDF : 4.9/2

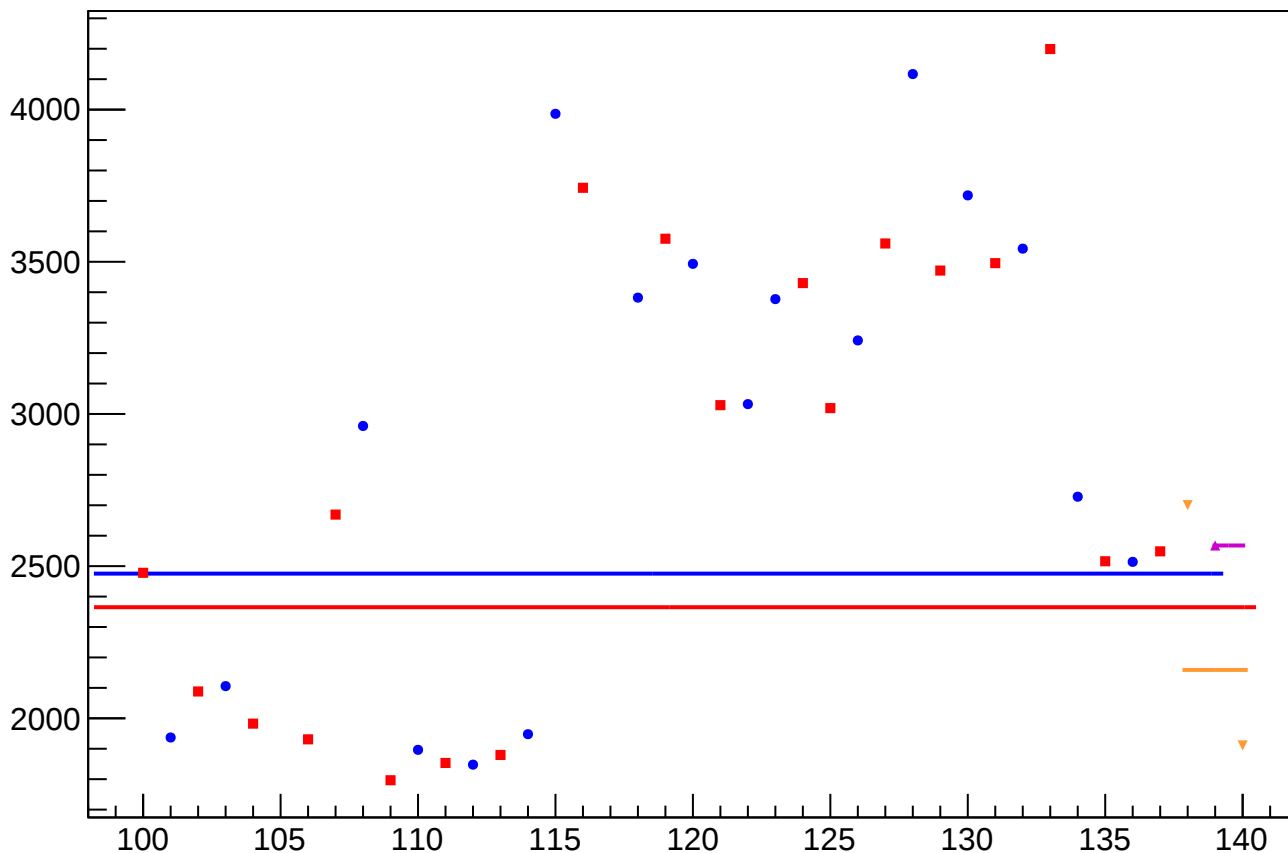
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -176.994+/-940.900 χ^2/NDF : 27.9/17

Out: -732.109+/-820.128 χ^2/NDF : 14.5/20

All: -492.443+/-618.237 χ^2/NDF : 42.5/38

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2159.010 $\pm$ 1.257 χ^2 /NDF:85061.2/1

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2567.849 $\pm$ 2.047 χ^2 /NDF:0.0/0

Left: 2270.919 $\pm$ 1.071 χ^2 /NDF: 114030.7/2

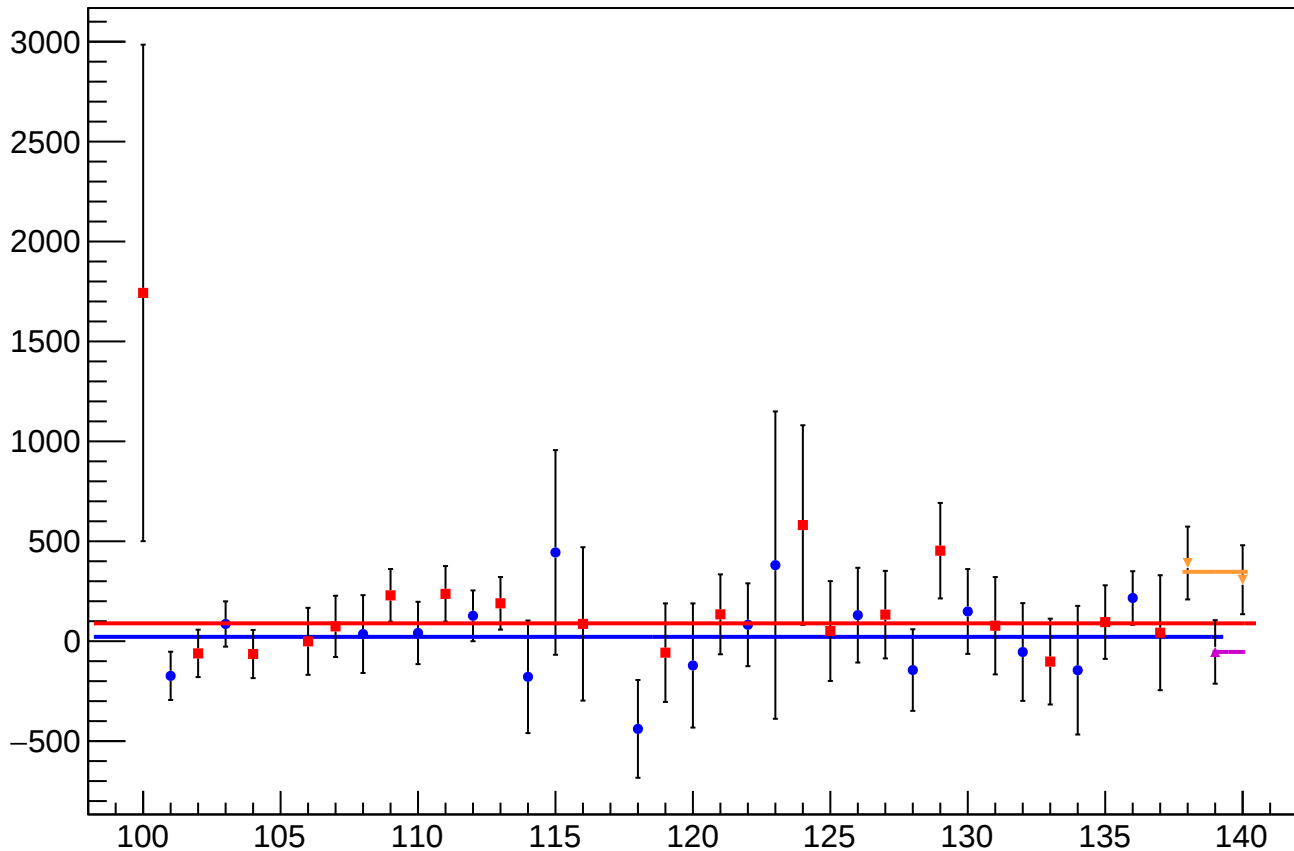
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2485.196 $\pm$ 0.665 χ^2 /NDF:914896.3/17

Out: 2321.156 $\pm$ 0.580 χ^2 /NDF:1133383.7/20

All: 2391.979 $\pm$ 0.437 χ^2 /NDF: 2082825.4/38

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 347.158 $\pm$ 125.277 χ^2 /NDF:0.1/1

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: -53.695 $\pm$ 158.970 χ^2 /NDF:0.0/0

Left: 193.588 $\pm$ 98.396 χ^2 /NDF: 4.0/2

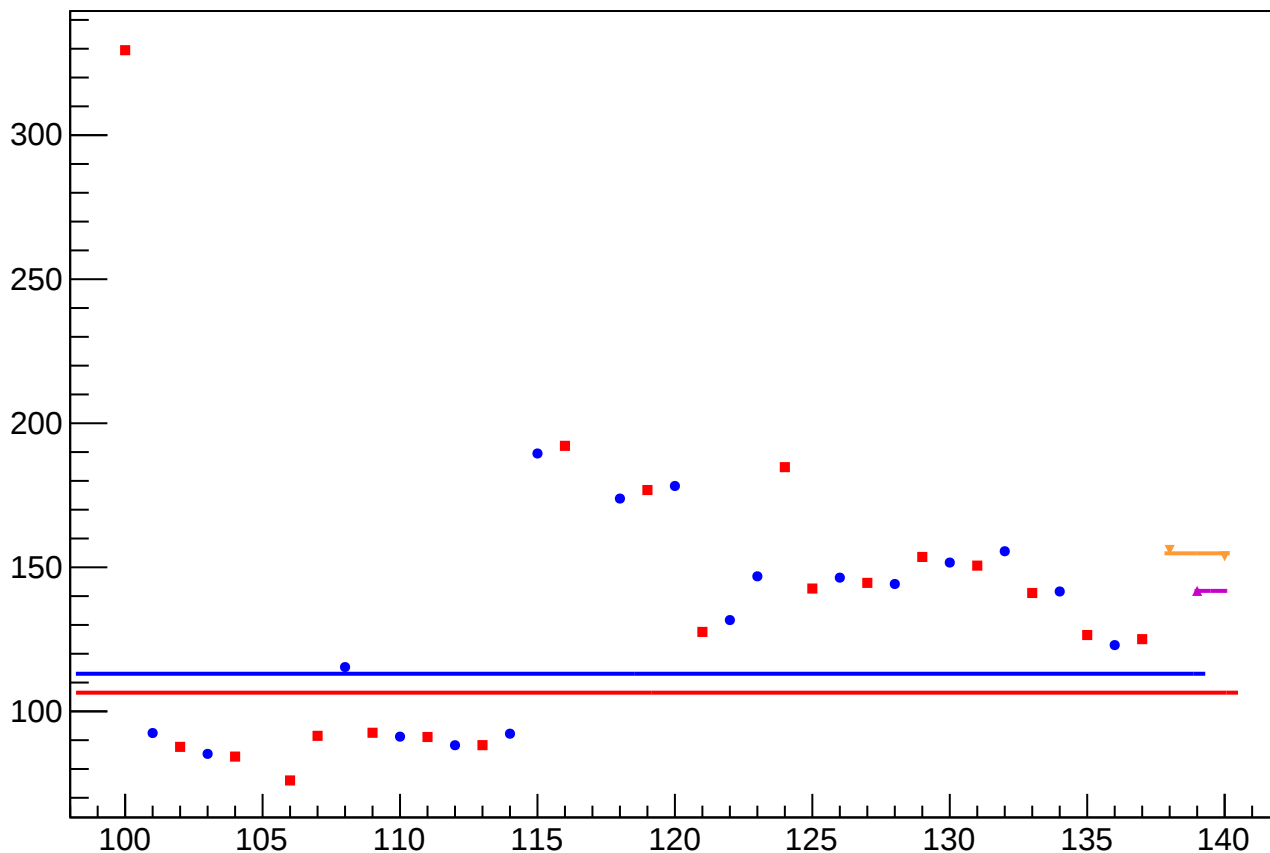
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 16.023 $\pm$ 43.438 χ^2 /NDF:12.8/17

Out: 115.146 $\pm$ 39.653 χ^2 /NDF:16.6/20

All: 70.090 $\pm$ 29.286 χ^2 /NDF: 32.3/38

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 154.852 $\pm$ 0.089 χ^2 /NDF:156.5/1

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 141.822 $\pm$ 0.112 χ^2 /NDF:0.0/0

Left: 149.860 $\pm$ 0.070 χ^2 /NDF: 8445.7/2

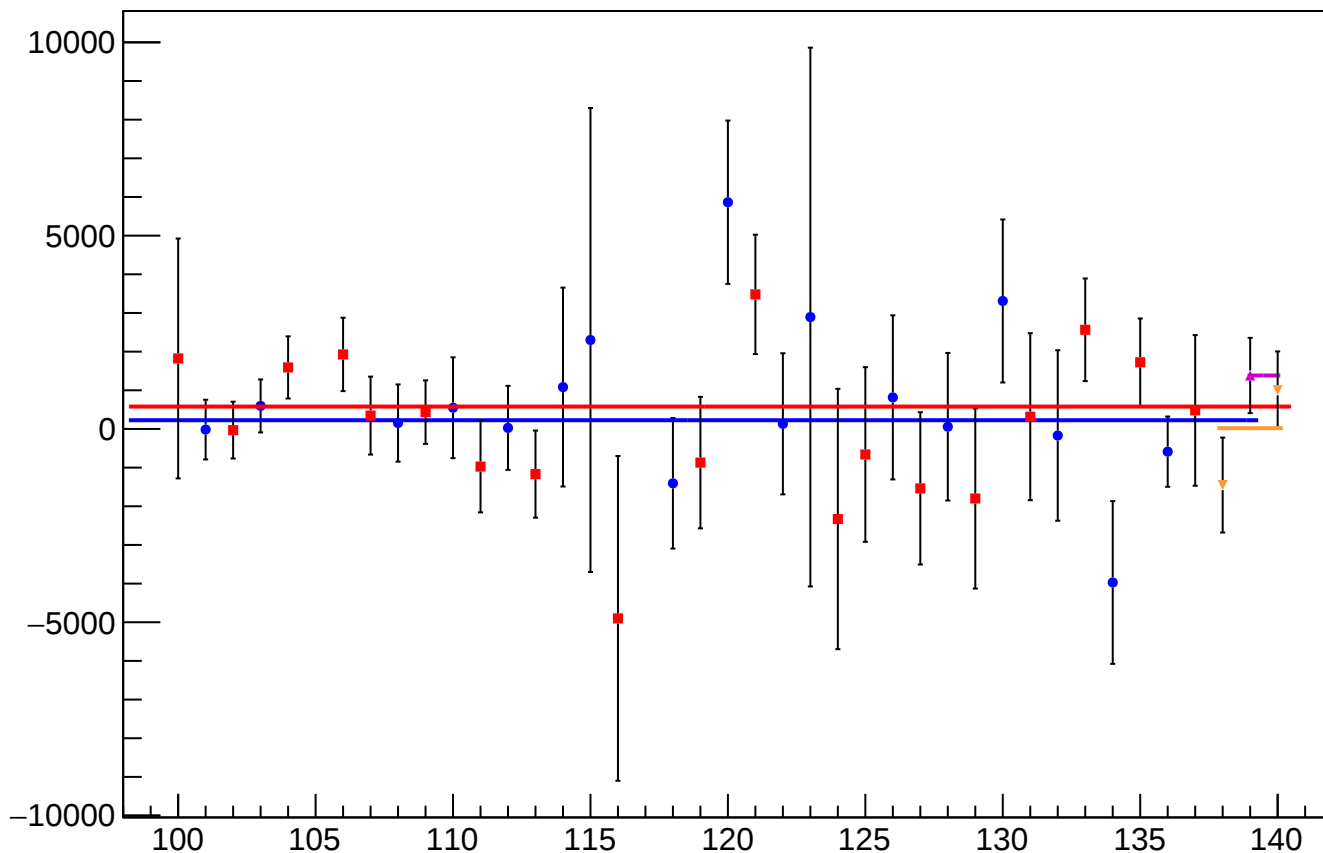
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 115.206 $\pm$ 0.031 χ^2 /NDF:881380.2/17

Out: 111.338 $\pm$ 0.028 χ^2 /NDF:1284537.3/20

All: 113.096 $\pm$ 0.021 χ^2 /NDF: 2174569.3/38

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: 20.207 $\pm$ 776.495 χ^2 /NDF:2.4/1

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 1382.598 $\pm$ 973.520 χ^2 /NDF:0.0/0

Left: 549.938 $\pm$ 607.046 χ^2 /NDF: 3.6/2

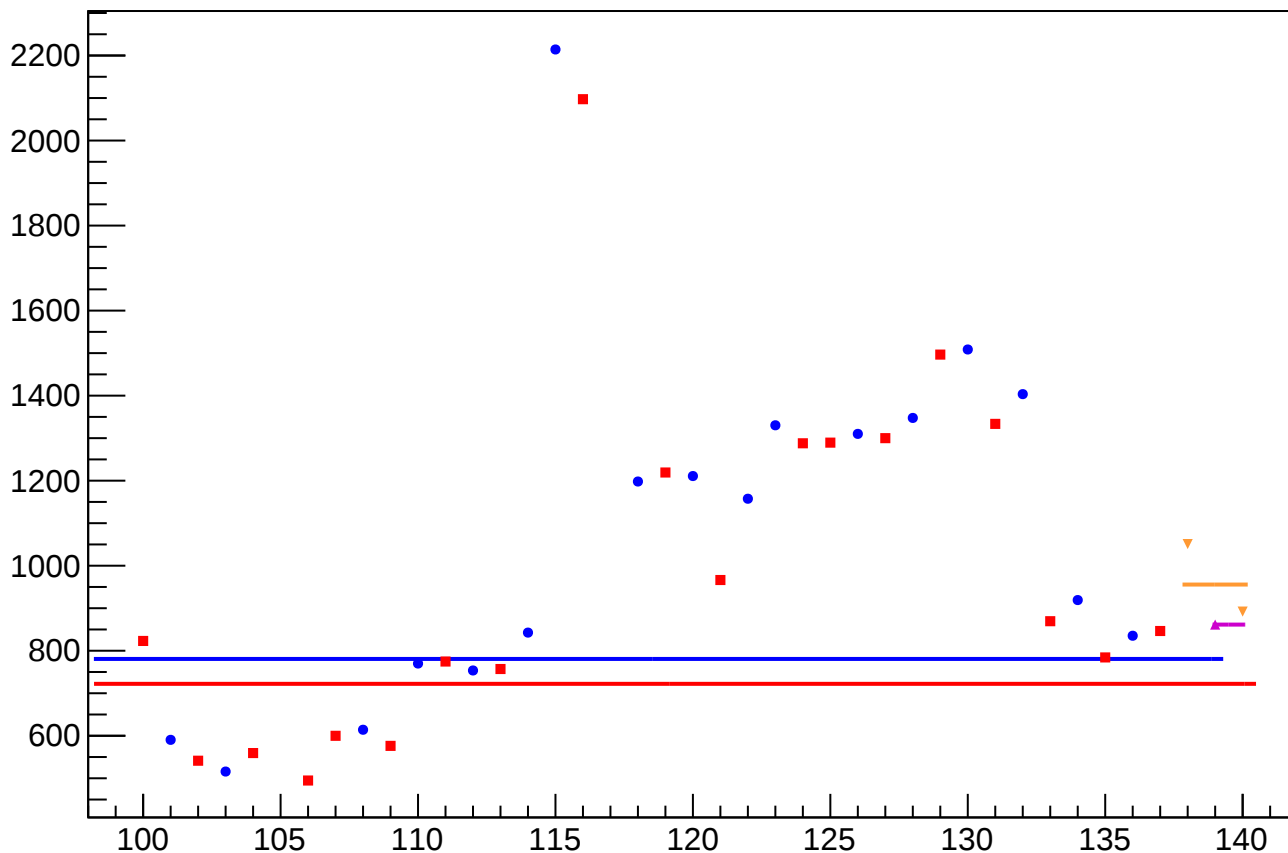
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 339.351 $\pm$ 305.208 χ^2 /NDF:17.2/17

Out: 510.931 $\pm$ 271.042 χ^2 /NDF:24.0/20

All: 435.278 $\pm$ 202.663 χ^2 /NDF: 41.4/38

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 955.669+/-0.549 χ^2/NDF :20090.1/1

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 861.482+/-0.688 χ^2/NDF :0.0/0

Left: 919.047+/-0.429 χ^2/NDF : 31531.7/2

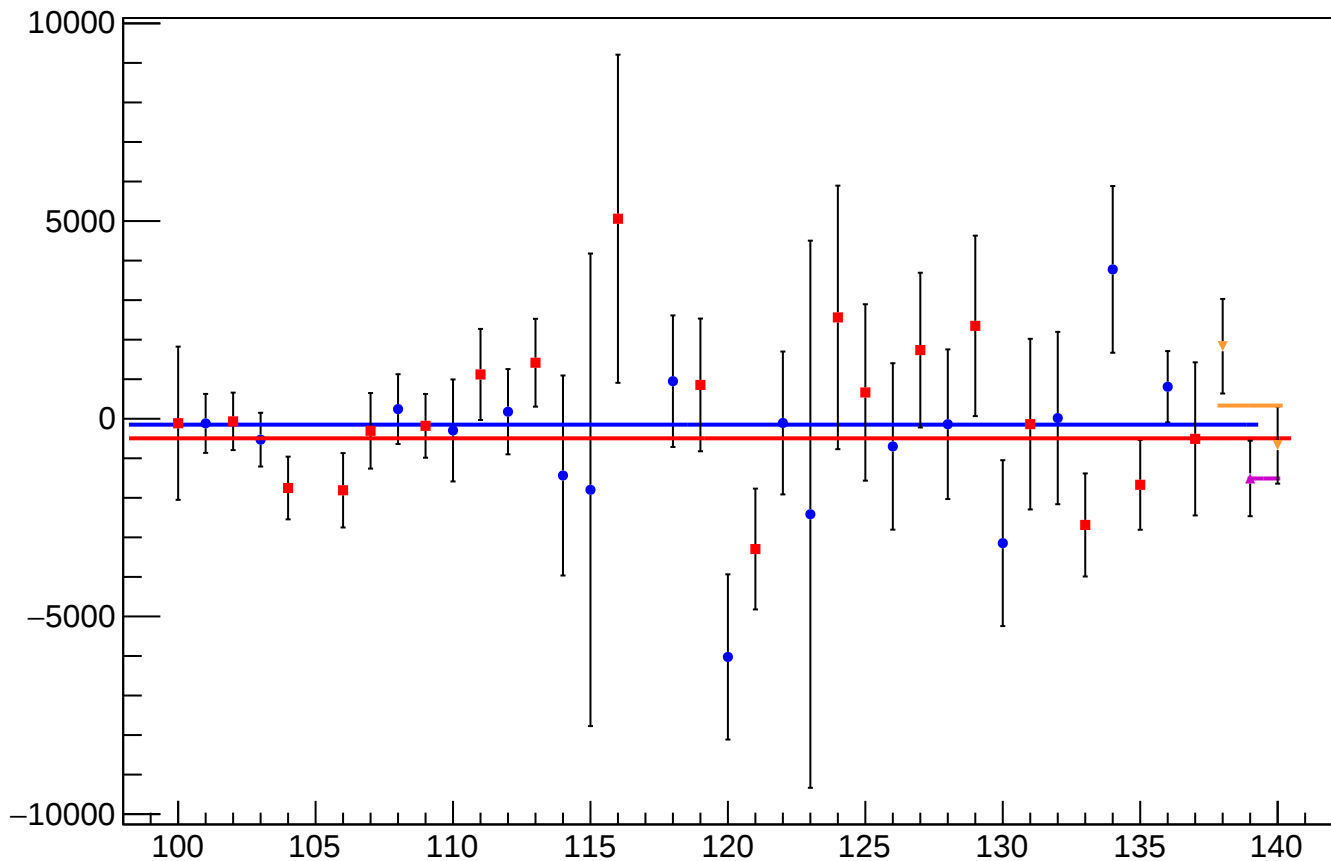
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 788.640+/-0.216 χ^2/NDF :1621927.9/17

Out: 750.601+/-0.192 χ^2/NDF :1807697.2/20

All: 767.373+/-0.143 χ^2/NDF : 3446994.4/38

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 333.501+/-756.046 χ^2/NDF : 2.6/1

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -1510.517+/-954.370 χ^2/NDF : 0.0/0

Left: -377.530+/-592.623 χ^2/NDF : 4.9/2

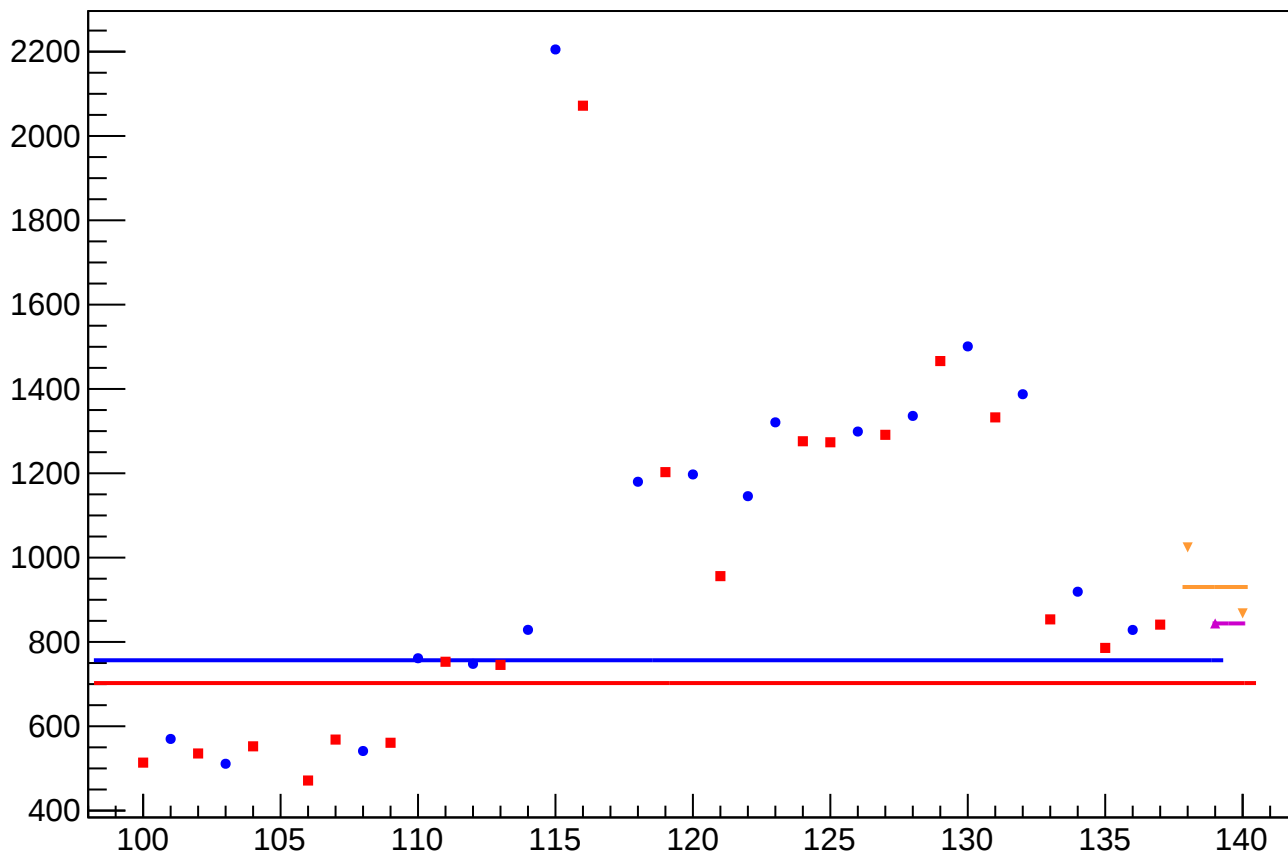
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -281.343+/-297.382 χ^2/NDF : 18.0/17

Out: -393.232+/-264.812 χ^2/NDF : 27.3/20

All: -343.748+/-197.767 χ^2/NDF : 45.4/38

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 930.295+/-0.535 χ^2/NDF : 20543.3/1

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 843.886+/-0.675 χ^2/NDF : 0.0/0

Left: 896.977+/-0.419 χ^2/NDF : 30616.7/2

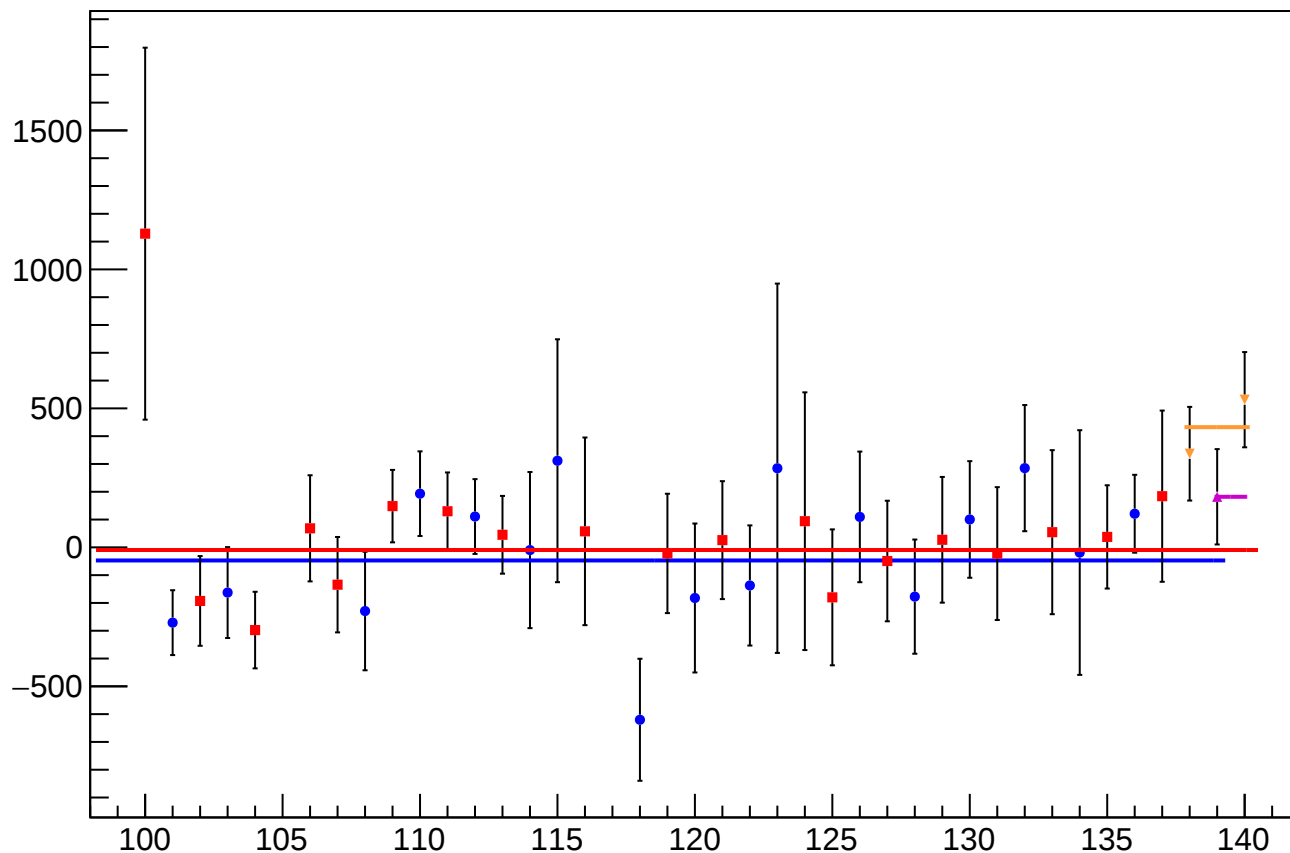
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 765.020+/-0.210 χ^2/NDF : 1728768.4/17

Out: 730.397+/-0.187 χ^2/NDF : 1869302.1/20

All: 745.709+/-0.140 χ^2/NDF : 3613190.7/38

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 432.465 ± 120.115 χ^2/NDF : 0.7/1

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 181.917 ± 171.531 χ^2/NDF : 0.0/0

Left: 350.030 ± 98.390 χ^2/NDF : 2.1/2

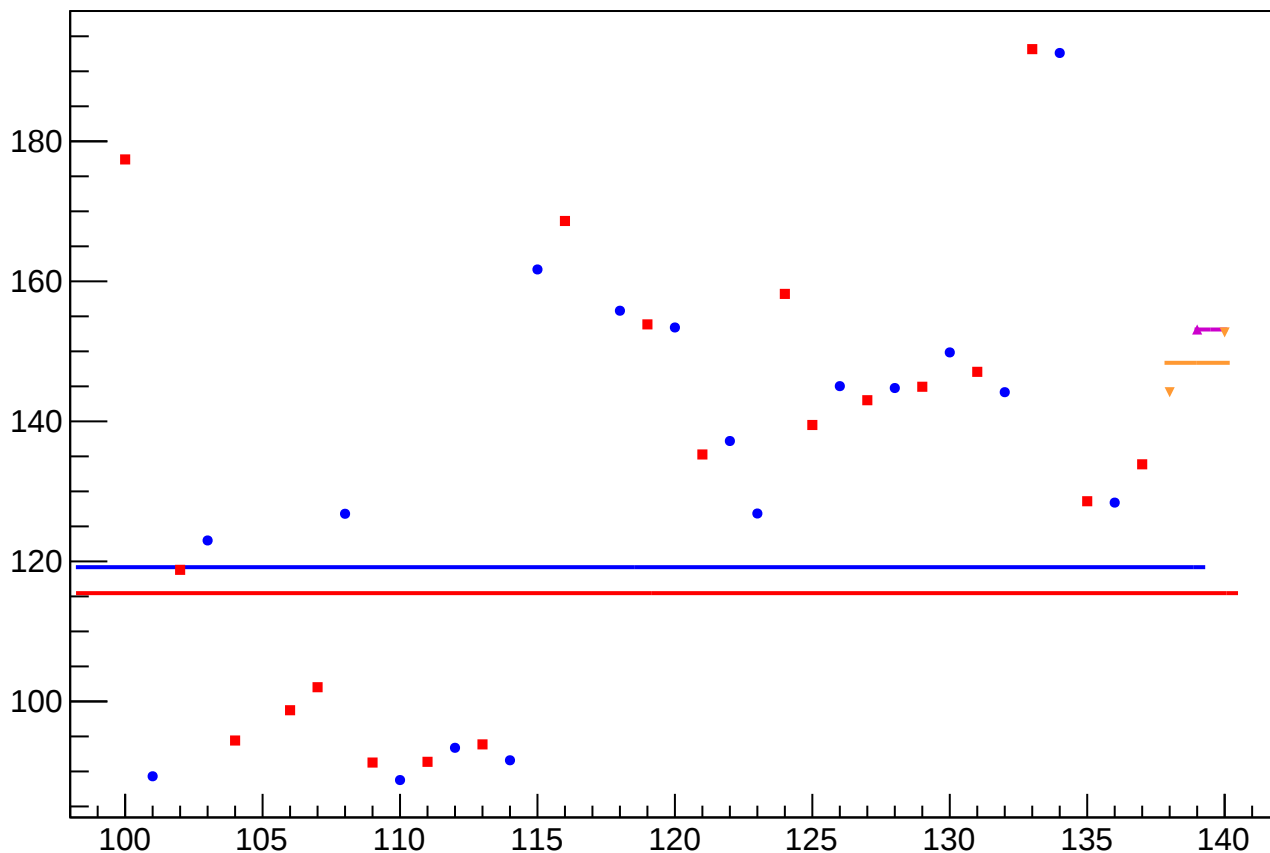
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: -30.990 ± 45.570 χ^2/NDF : 23.5/17

Out: 44.359 ± 41.933 χ^2/NDF : 25.6/20

All: 9.811 ± 30.857 χ^2/NDF : 50.6/38

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 148.364+/-0.085 χ^2/NDF : 2529.6/1

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 153.121+/-0.121 χ^2/NDF : 0.0/0

Left: 149.929+/-0.070 χ^2/NDF : 3561.5/2

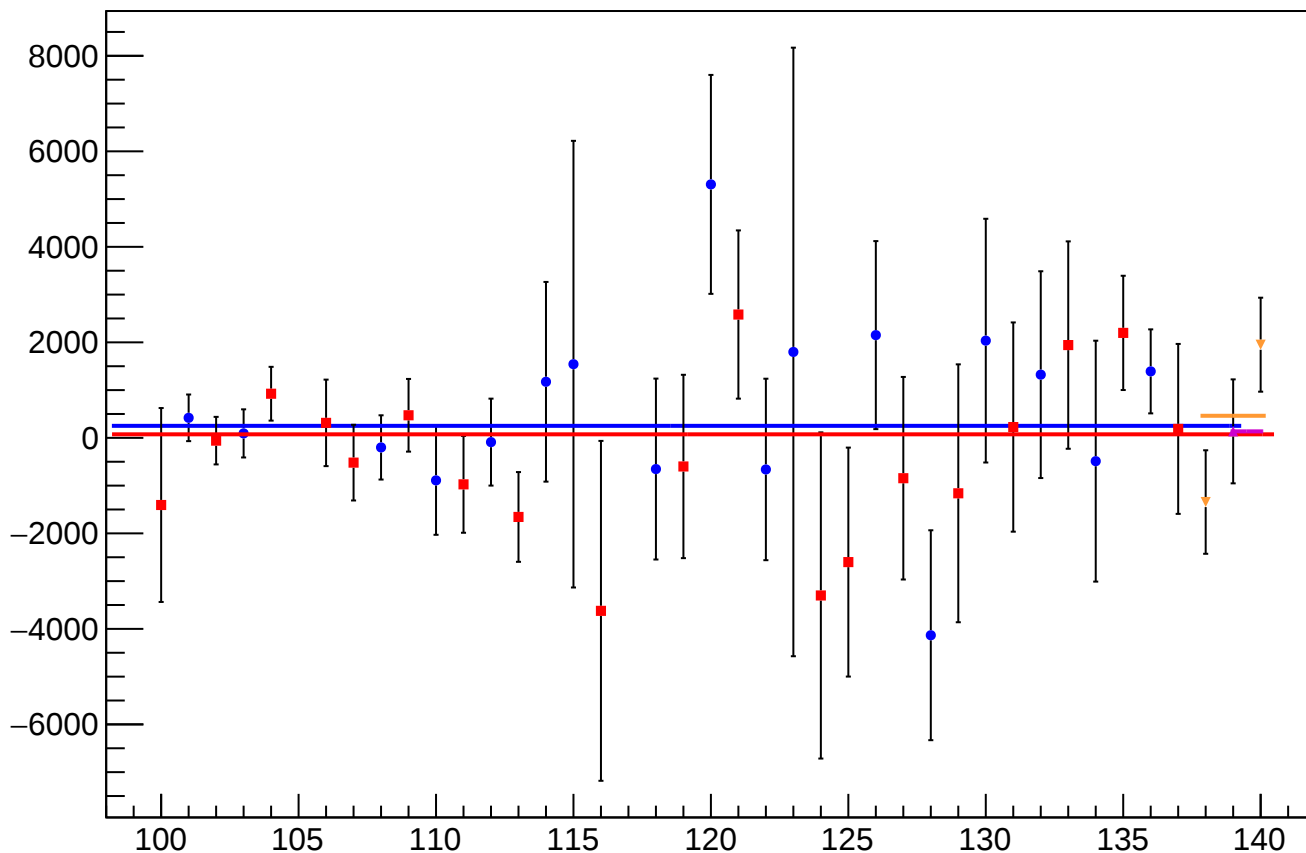
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 121.571+/-0.032 χ^2/NDF : 688102.9/17

Out: 119.475+/-0.030 χ^2/NDF : 827058.3/20

All: 120.436+/-0.022 χ^2/NDF : 1517451.4/38

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 462.389+/-728.548 χ^2/NDF : 5.1/1

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 136.024+/-1088.663 χ^2/NDF : 0.0/0

Left: 361.438+/-605.476 χ^2/NDF : 5.1/2

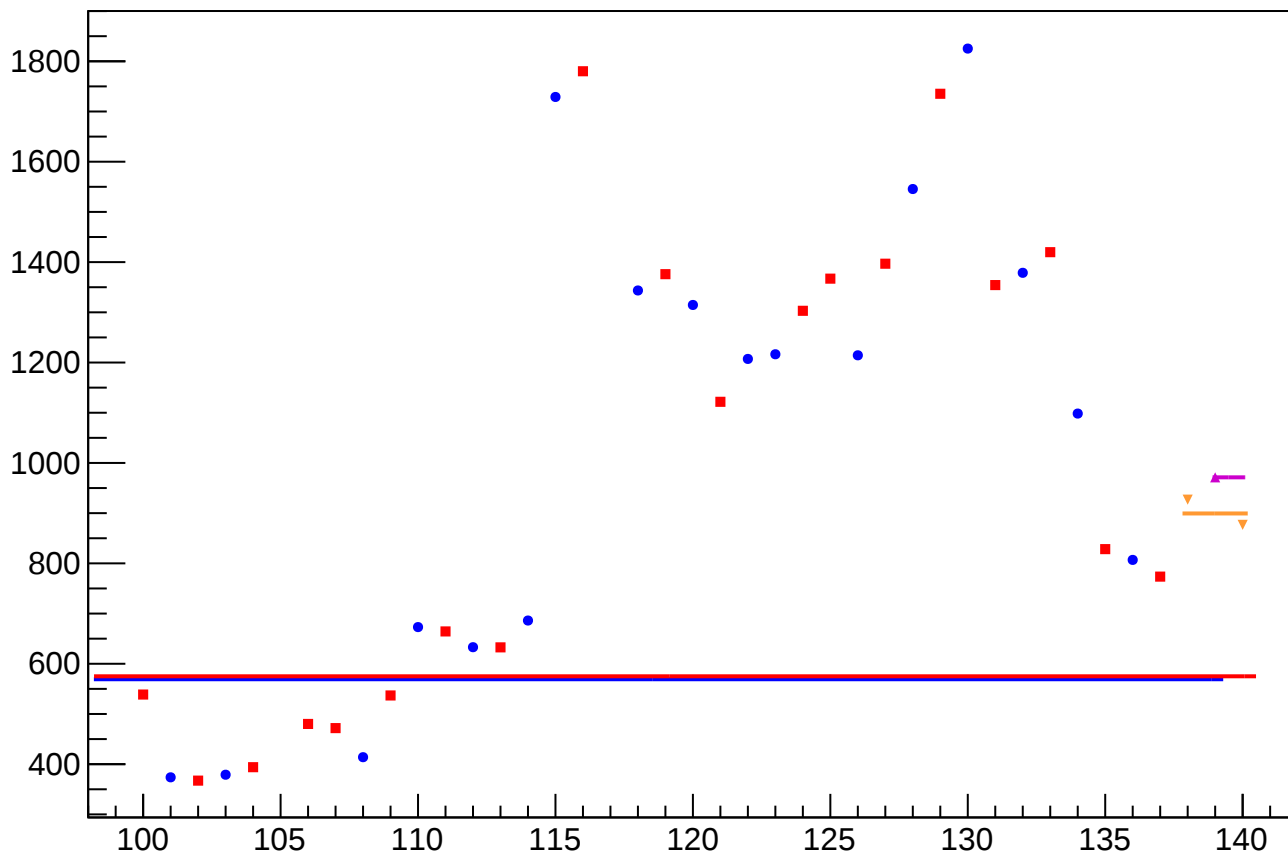
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 245.812+/-246.266 χ^2/NDF : 14.9/17

Out: 113.274+/-231.341 χ^2/NDF : 23.3/20

All: 175.405+/-168.612 χ^2/NDF : 38.4/38

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 899.377 $\pm$ 0.515 χ^2 /NDF:2352.1/1

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 971.320 $\pm$ 0.770 χ^2 /NDF:0.0/0

Left: 921.630 $\pm$ 0.428 χ^2 /NDF: 8384.7/2

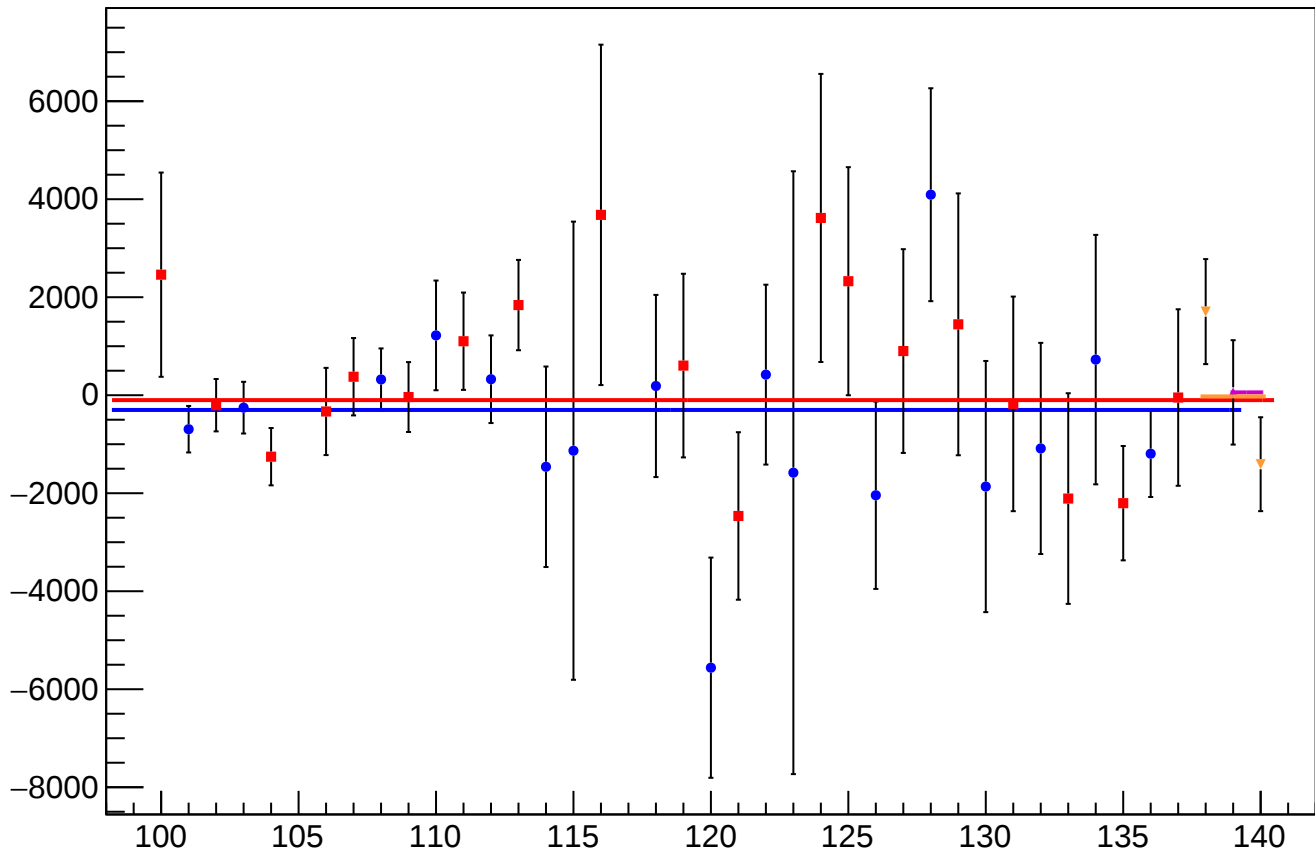
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 589.776 $\pm$ 0.174 χ^2 /NDF:3525954.1/17

Out: 607.753 $\pm$ 0.164 χ^2 /NDF:3417658.4/20

All: 599.326 $\pm$ 0.119 χ^2 /NDF: 6949273.7/38

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -24.455 ± 714.332 χ^2/NDF : 4.7/1

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 57.659 ± 1065.130 χ^2/NDF : 0.0/0

Left: 1.020 ± 593.266 χ^2/NDF : 4.7/2

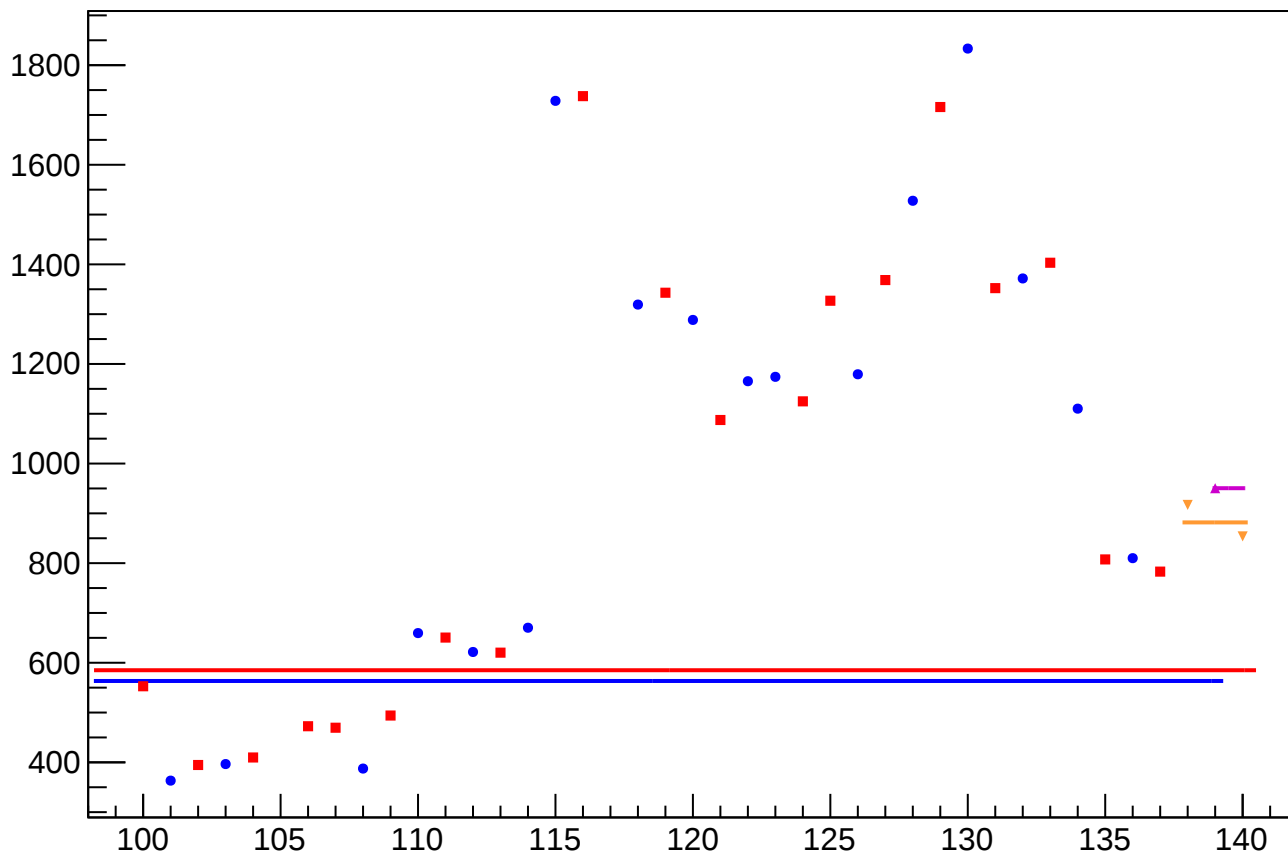
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -281.901 ± 243.665 χ^2/NDF : 16.8/17

Out: -91.945 ± 232.561 χ^2/NDF : 27.1/20

All: -182.496 ± 168.234 χ^2/NDF : 44.2/38

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 881.816 $\pm$ 0.505 χ^2 /NDF: 3866.9/1

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 950.521 $\pm$ 0.753 χ^2 /NDF: 0.0/0

Left: 903.131 $\pm$ 0.420 χ^2 /NDF: 9606.8/2

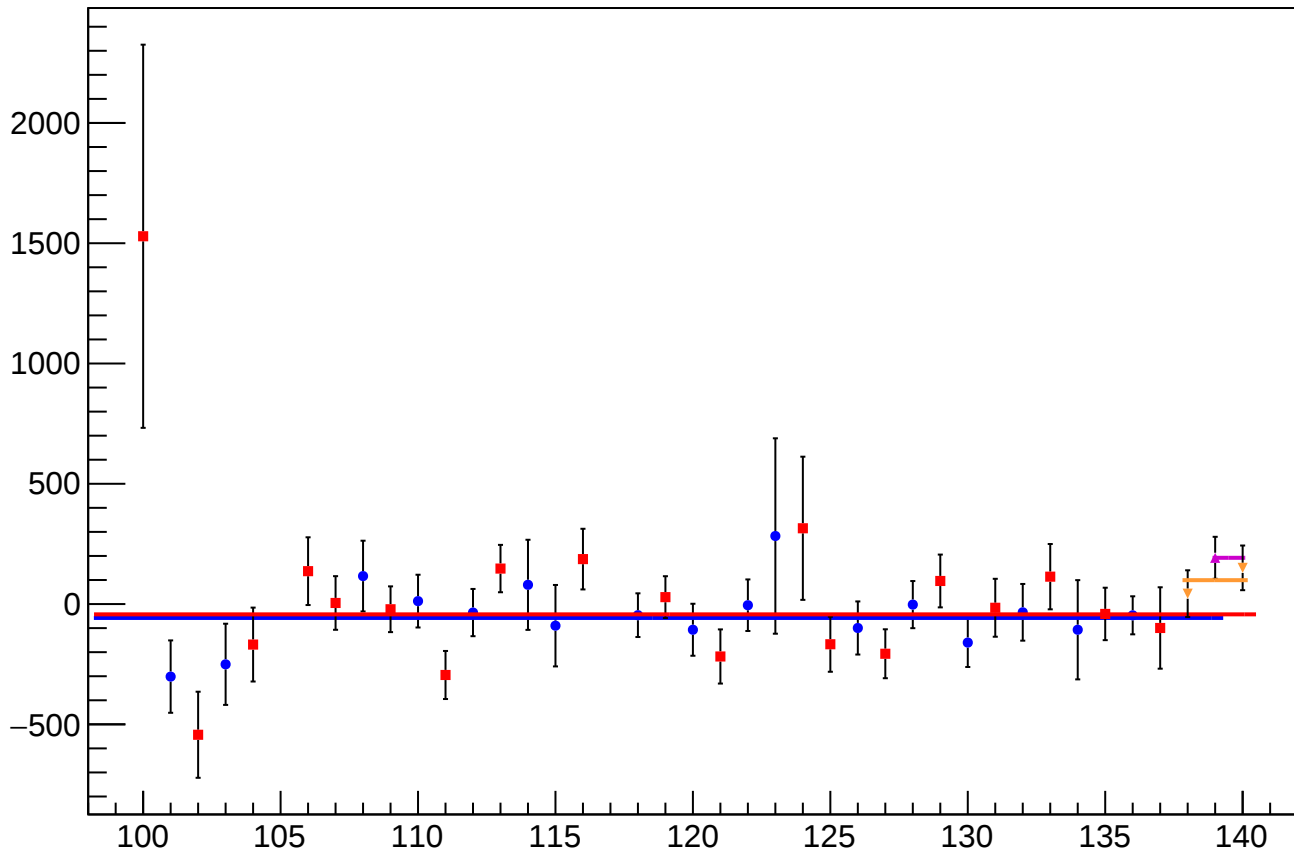
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 583.653 $\pm$ 0.172 χ^2 /NDF: 3509419.5/17

Out: 616.445 $\pm$ 0.164 χ^2 /NDF: 3131235.5/20

All: 600.813 $\pm$ 0.119 χ^2 /NDF: 6659611.0/38

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 99.315 ± 67.132 χ^2/NDF : 0.6/1

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 192.284 ± 87.284 χ^2/NDF : 0.0/0

Left: 133.870 ± 53.213 χ^2/NDF : 1.4/2

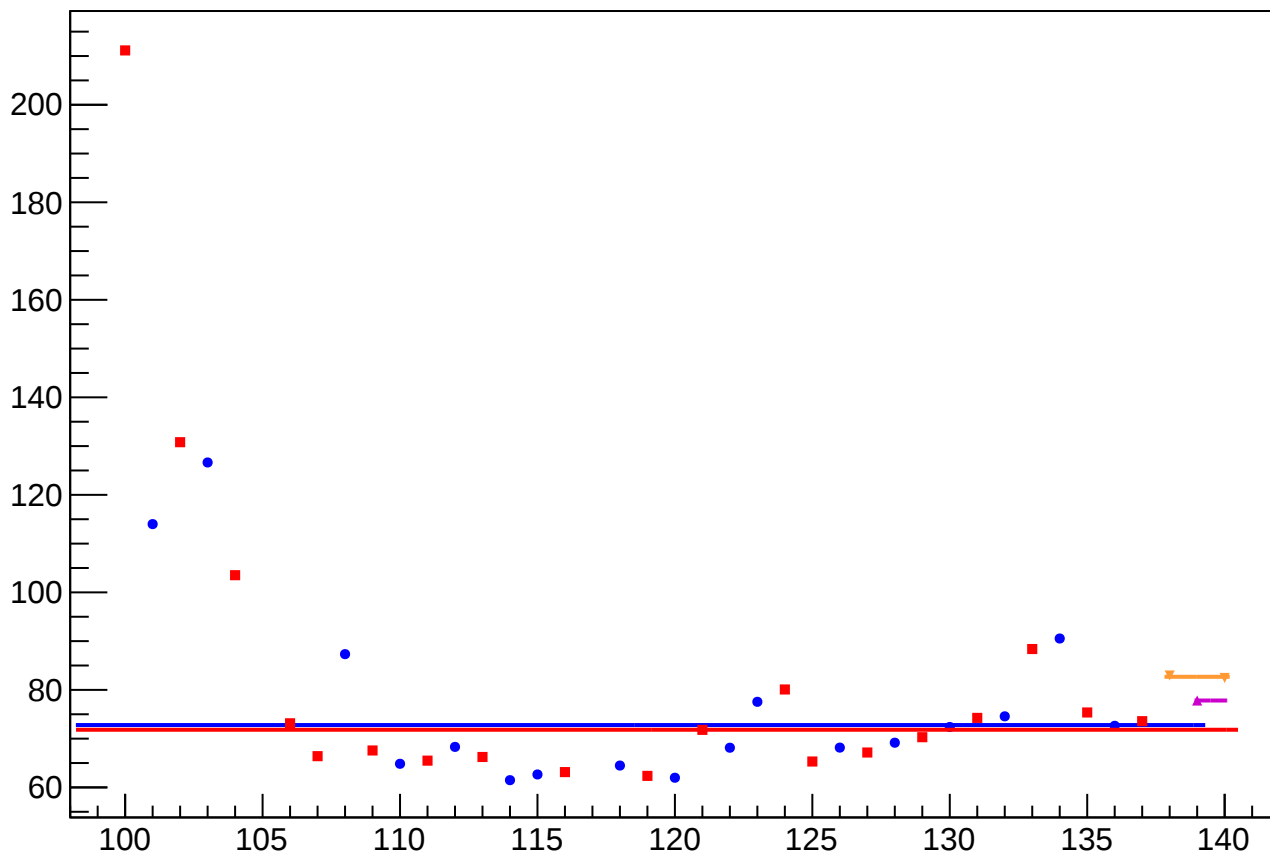
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: -33.327 ± 27.258 χ^2/NDF : 16.5/17

Out: -22.123 ± 25.601 χ^2/NDF : 43.5/20

All: -27.374 ± 18.661 χ^2/NDF : 60.2/38

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 82.686 $\pm$ 0.047 χ^2 /NDF:28.4/1

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 77.821 $\pm$ 0.062 χ^2 /NDF:0.0/0

Left: 80.878 $\pm$ 0.038 χ^2 /NDF: 3932.6/2

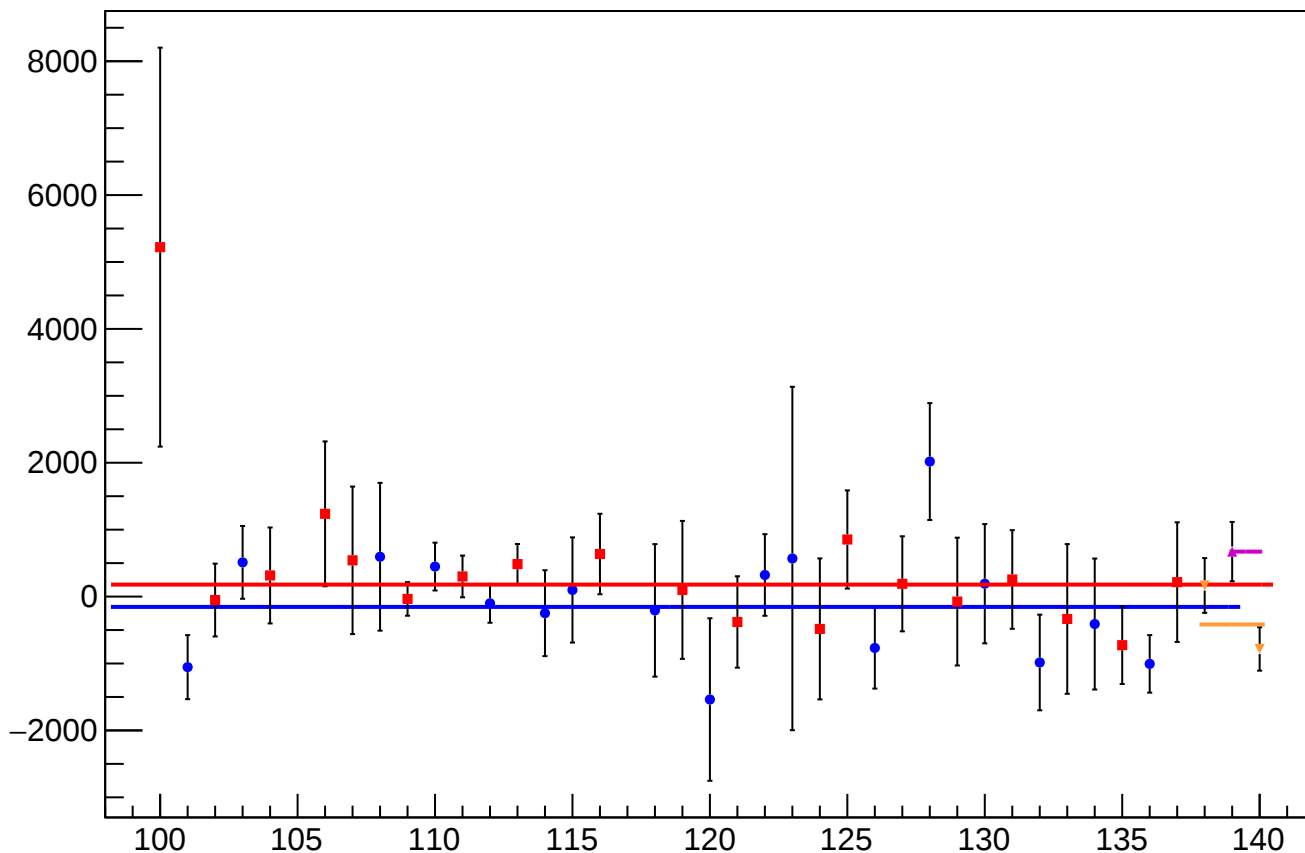
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.280 $\pm$ 0.019 χ^2 /NDF:470769.5/17

Out: 73.404 $\pm$ 0.018 χ^2 /NDF:510427.1/20

All: 73.346 $\pm$ 0.013 χ^2 /NDF: 981218.3/38

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -416.670+/-254.392 χ^2/NDF : 3.3/1

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 671.988+/-443.388 χ^2/NDF : 0.0/0

Left: -147.054+/-220.654 χ^2/NDF : 7.8/2

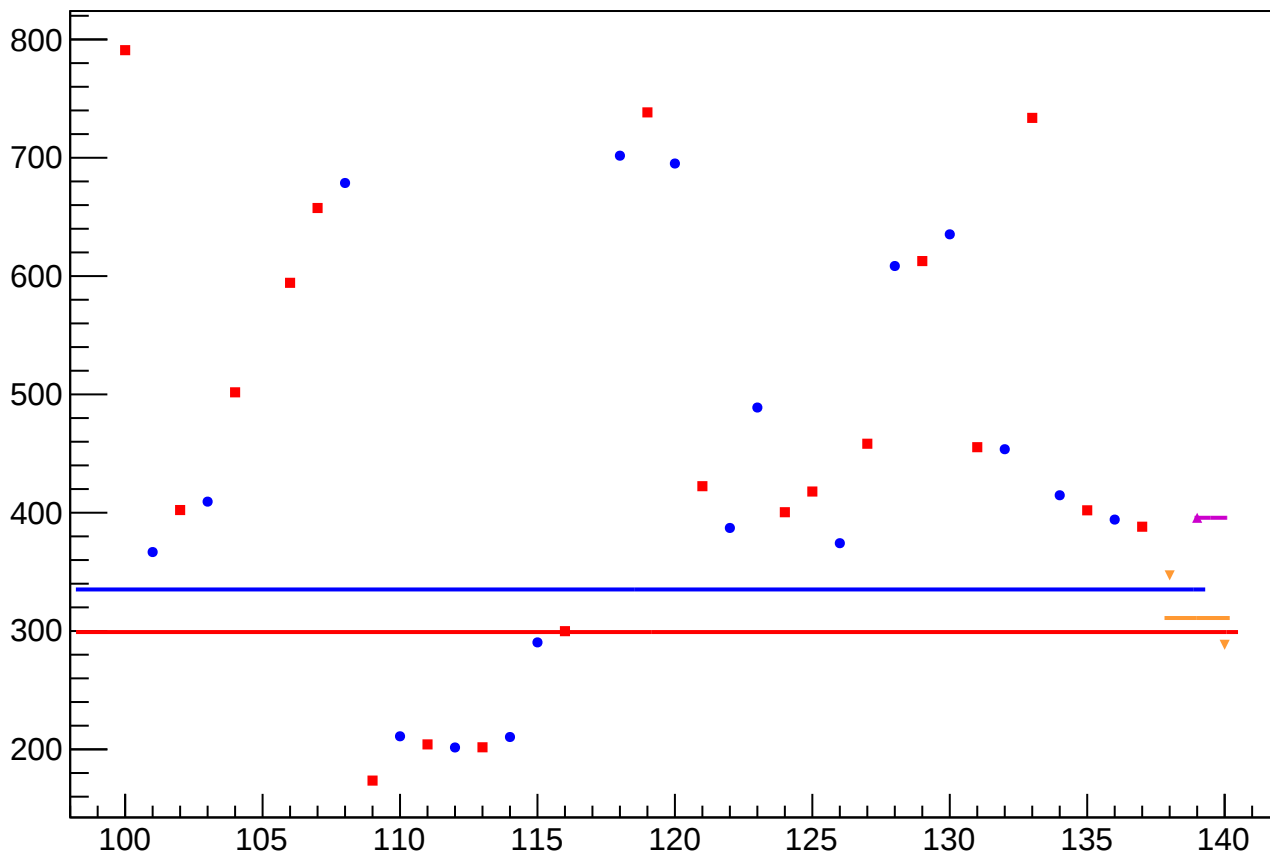
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -78.801+/-134.110 χ^2/NDF : 26.3/17

Out: 61.550+/-112.987 χ^2/NDF : 19.0/20

All: 3.286+/-86.408 χ^2/NDF : 45.9/38

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 311.009+/-0.180 χ^2/NDF : 25205.0/1

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 395.731+/-0.314 χ^2/NDF : 0.0/0

Left: 331.991+/-0.156 χ^2/NDF : 80142.9/2

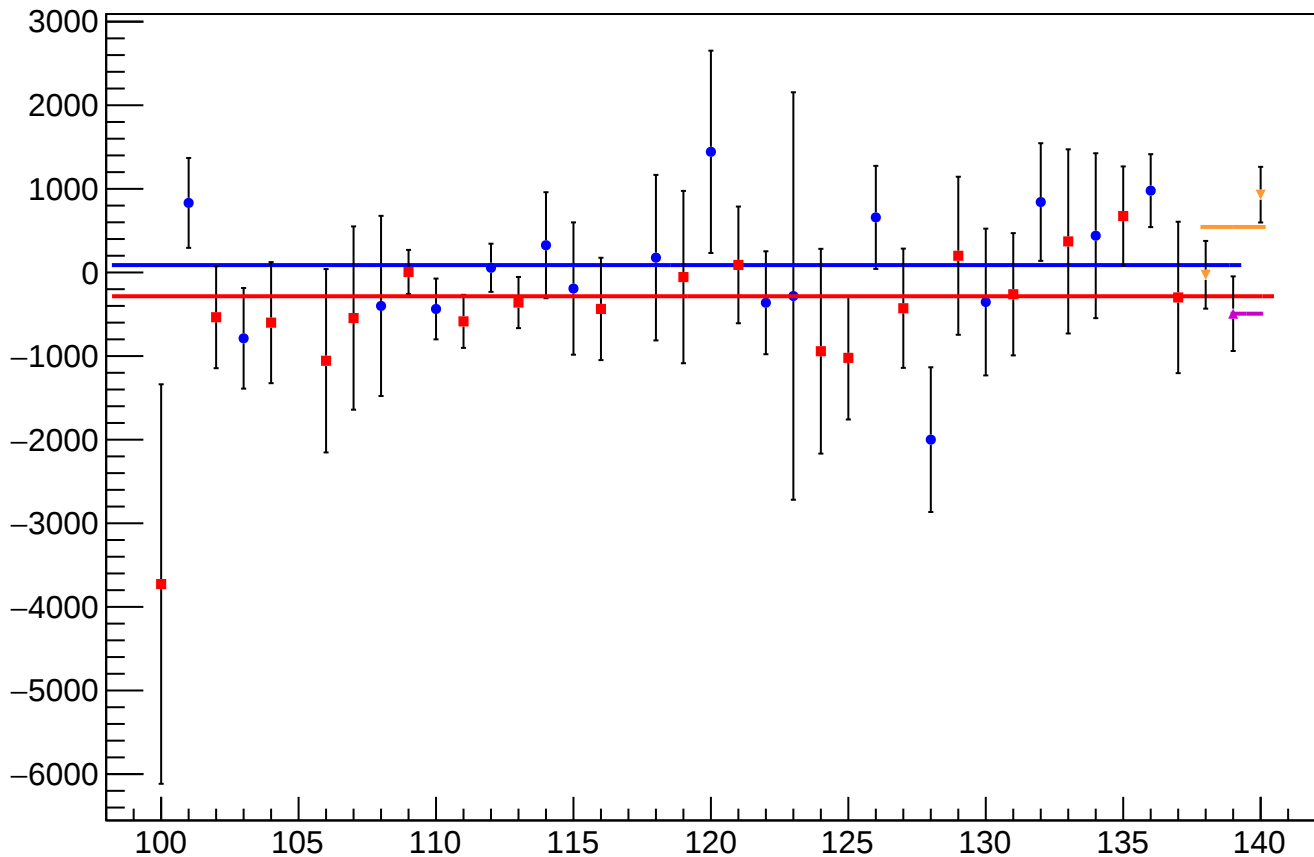
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 340.678+/-0.095 χ^2/NDF : 2027983.6/17

Out: 301.477+/-0.080 χ^2/NDF : 2859792.3/20

All: 317.751+/-0.061 χ^2/NDF : 4987718.6/38

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 544.341 ± 257.117 $\chi^2/\text{NDF}: 3.3/1$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: -493.102 ± 446.341 $\chi^2/\text{NDF}: 0.0/0$

Left: 285.853 ± 222.795 $\chi^2/\text{NDF}: 7.4/2$

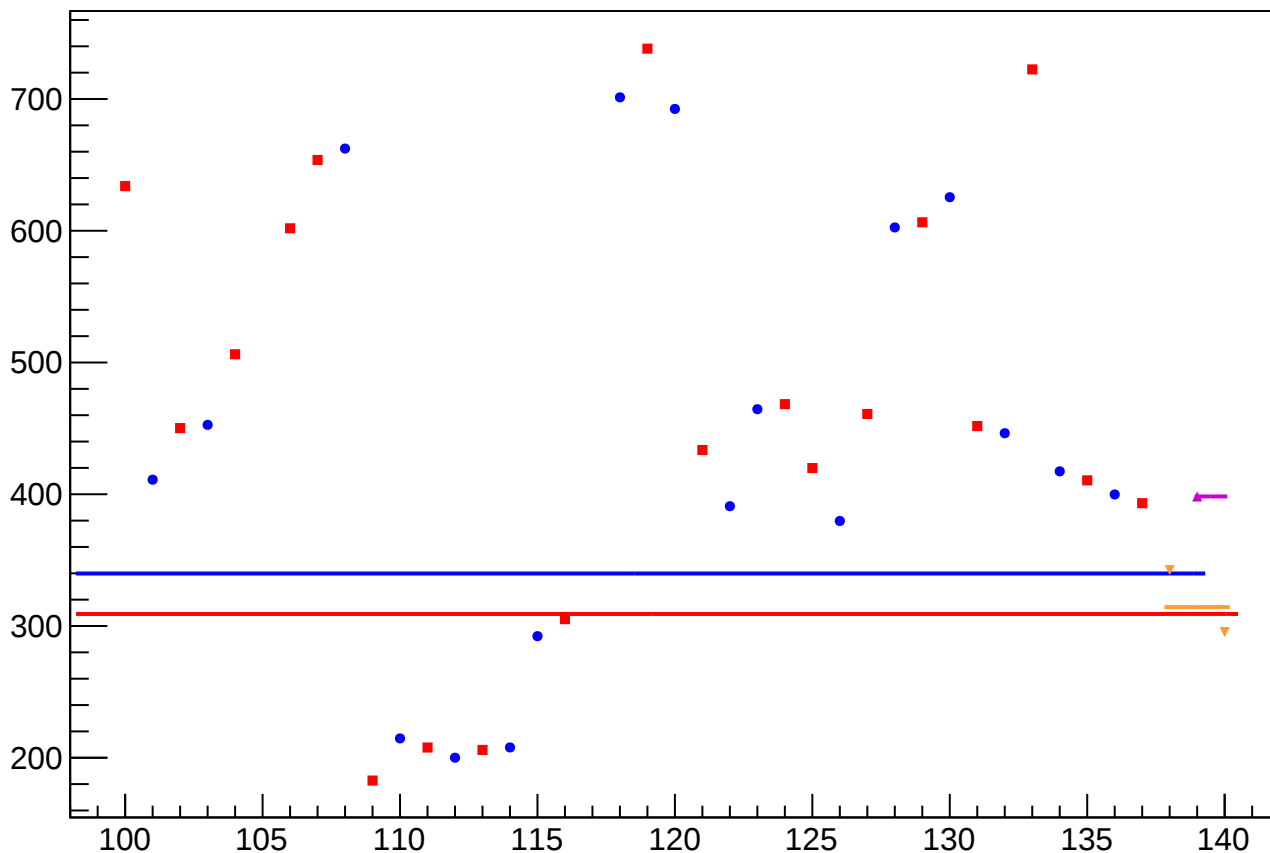
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 33.998 ± 136.197 $\chi^2/\text{NDF}: 22.3/17$

Out: -116.435 ± 115.783 $\chi^2/\text{NDF}: 21.8/20$

All: -53.326 ± 88.215 $\chi^2/\text{NDF}: 44.8/38$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 314.332 $\pm$ 0.182 χ^2 /NDF:16102.2/1

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 398.333 $\pm$ 0.316 χ^2 /NDF:0.0/0

Left: 335.262 $\pm$ 0.158 χ^2 /NDF: 69290.1/2

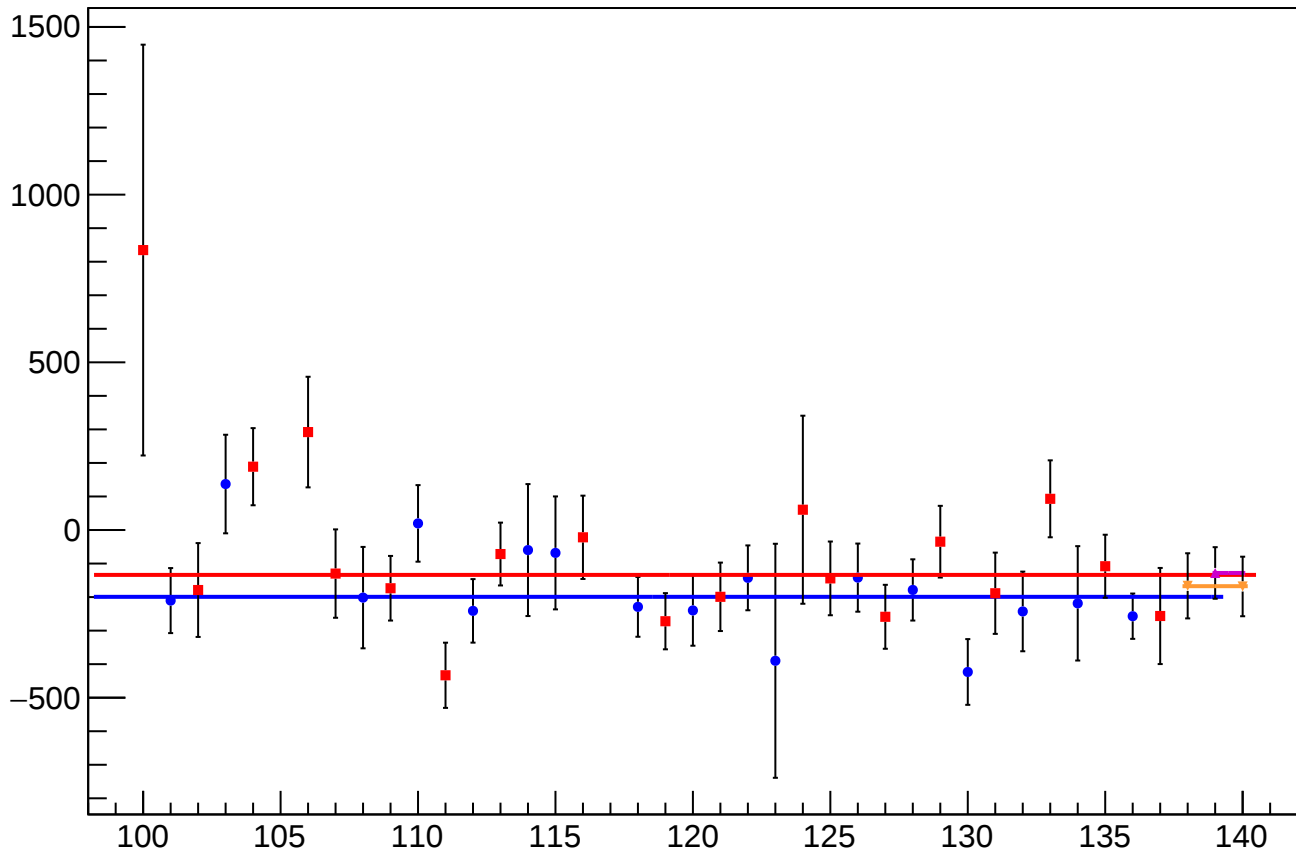
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 345.295 $\pm$ 0.096 χ^2 /NDF:2074662.5/17

Out: 310.208 $\pm$ 0.082 χ^2 /NDF:2752635.3/20

All: 324.927 $\pm$ 0.062 χ^2 /NDF: 4904351.8/38

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -167.473 $\pm$ 65.534 χ^2 /NDF: 0.0/1

Right Out: -133.844 $\pm$ 26.228 χ^2 /NDF: 39.2/18

Left In: -128.061 $\pm$ 76.894 χ^2 /NDF: 0.0/0

Left: -150.891 $\pm$ 49.877 χ^2 /NDF: 0.2/2

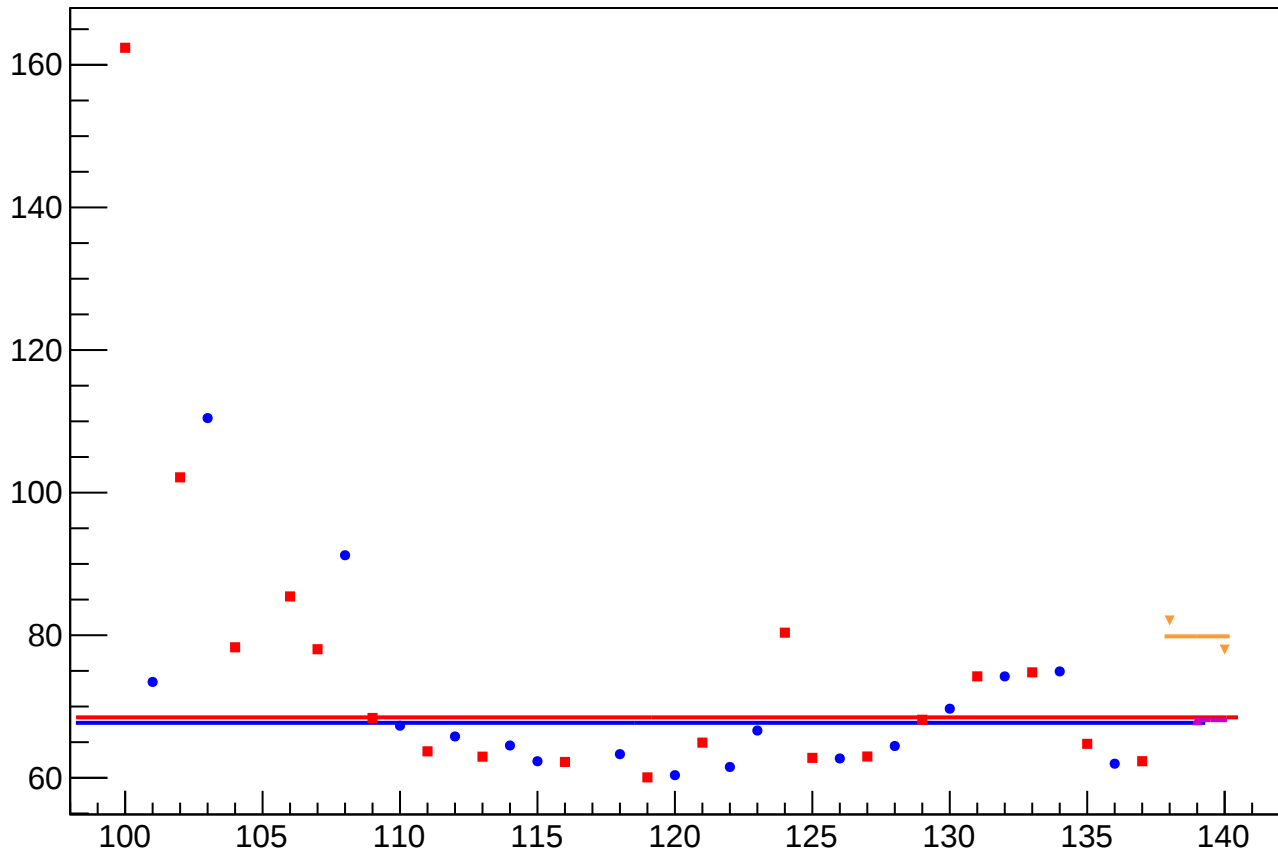
Right: -166.192 $\pm$ 18.647 χ^2 /NDF: 59.8/35

In: -191.686 $\pm$ 25.067 χ^2 /NDF: 18.4/17

Out: -138.487 $\pm$ 24.350 χ^2 /NDF: 39.4/20

All: -164.316 $\pm$ 17.466 χ^2 /NDF: 60.1/38

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 79.843 $\pm$ 0.046 χ^2 /NDF:1932.7/1

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 68.087 $\pm$ 0.054 χ^2 /NDF:0.0/0

Left: 74.897 $\pm$ 0.035 χ^2 /NDF: 29014.4/2

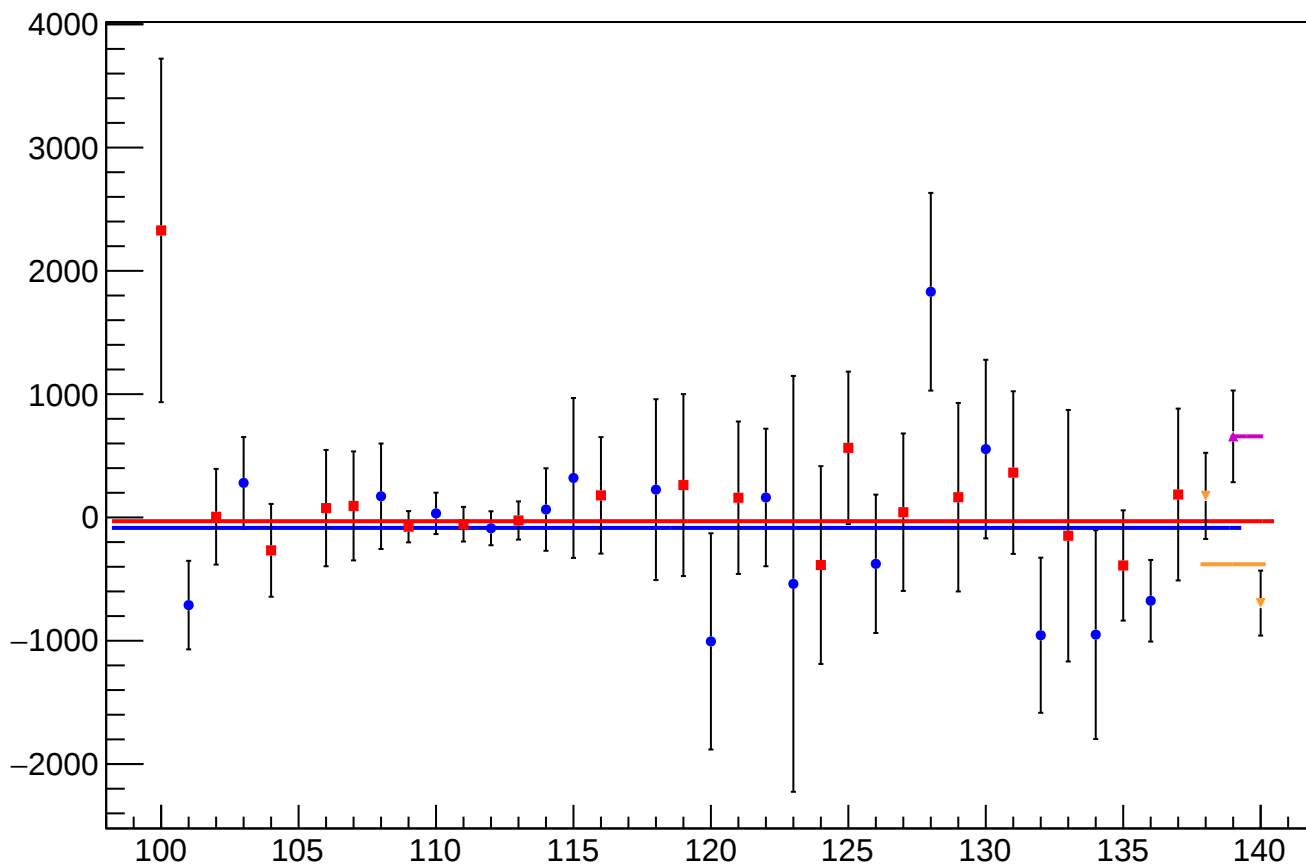
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.755 $\pm$ 0.018 χ^2 /NDF:282934.2/17

Out: 70.050 $\pm$ 0.017 χ^2 /NDF:335176.4/20

All: 68.936 $\pm$ 0.012 χ^2 /NDF: 626734.9/38

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2 /NDF: 19.9/16

Left Out: -379.599 $\pm$ 210.359 χ^2 /NDF:3.9/1

Right Out: -30.219 $\pm$ 69.663 χ^2 /NDF: 6.3/18

Left In: 657.713 $\pm$ 371.838 χ^2 /NDF:0.0/0

Left: -128.102 $\pm$ 183.091 χ^2 /NDF: 9.8/2

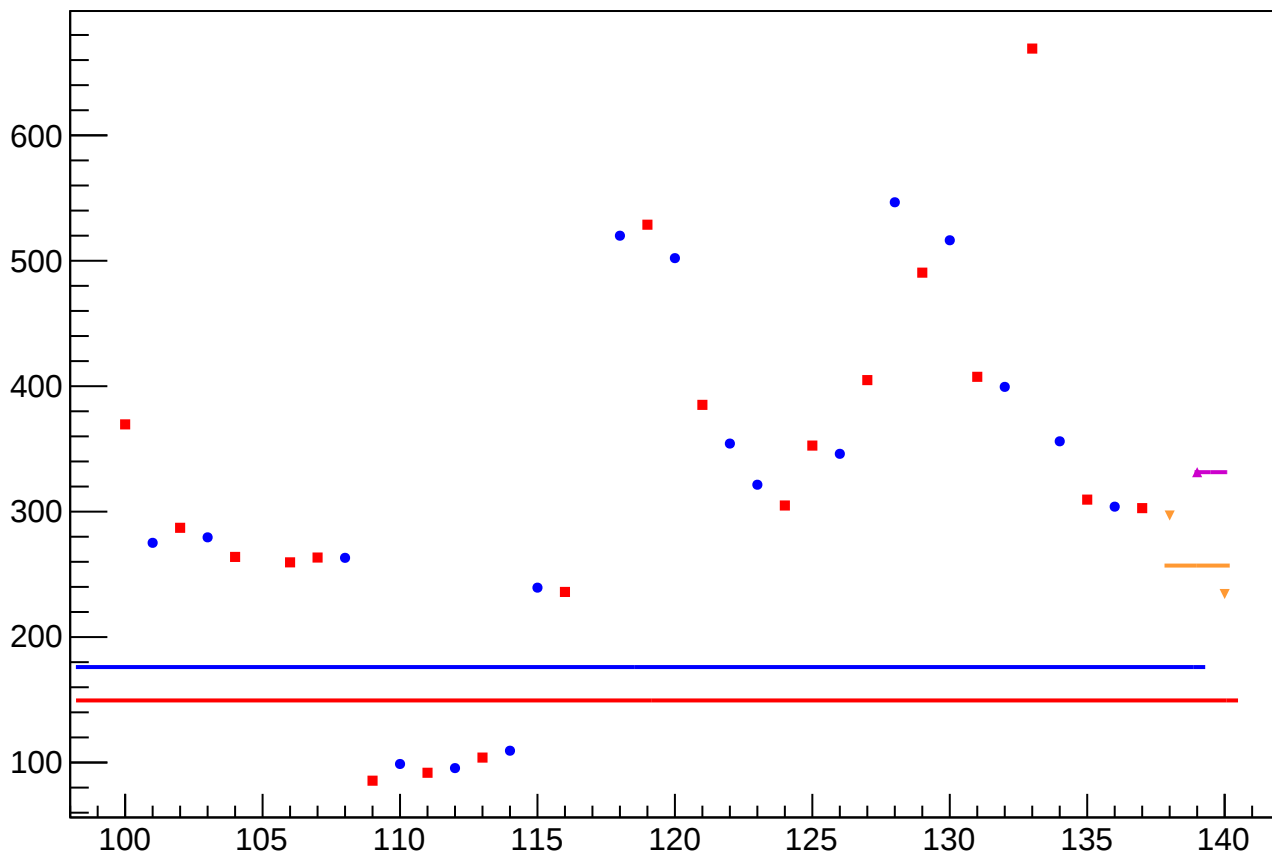
Right: -52.867 $\pm$ 53.271 χ^2 /NDF: 26.5/35

In: -49.789 $\pm$ 80.697 χ^2 /NDF:23.7/17

Out: -64.748 $\pm$ 66.131 χ^2 /NDF:12.8/20

All: -58.738 $\pm$ 51.150 χ^2 /NDF: 36.5/38

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 257.003+/-0.149 χ^2/NDF : 40912.4/1

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 331.462+/-0.263 χ^2/NDF : 0.0/0

Left: 275.056+/-0.129 χ^2/NDF : 101665.7/2

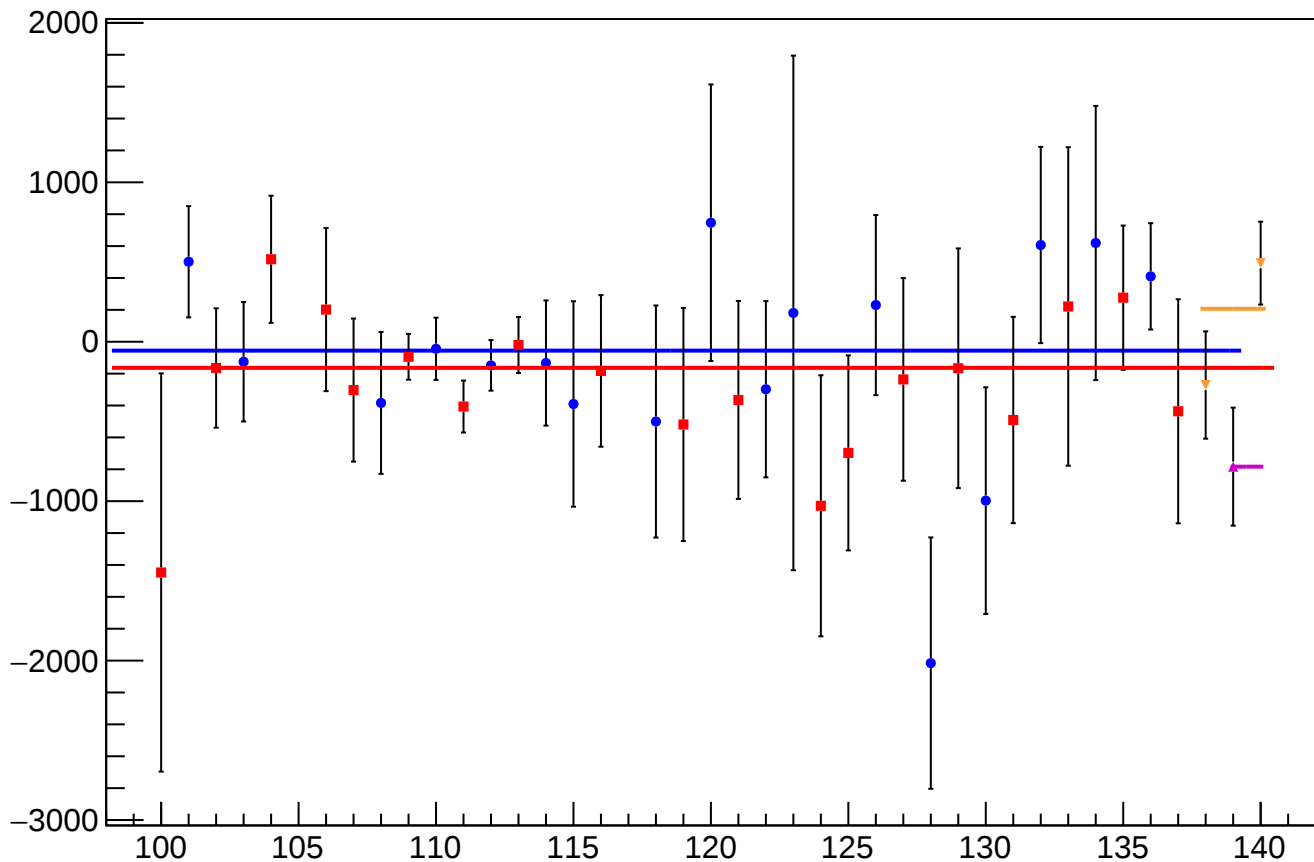
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 183.414+/-0.057 χ^2/NDF : 4556373.8/17

Out: 160.110+/-0.047 χ^2/NDF : 5332741.4/20

All: 169.472+/-0.036 χ^2/NDF : 9988897.9/38

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 206.913 ± 205.804 χ^2/NDF : 3.2/1

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -783.561 ± 369.921 χ^2/NDF : 0.0/0

Left: -27.196 ± 179.845 χ^2/NDF : 8.7/2

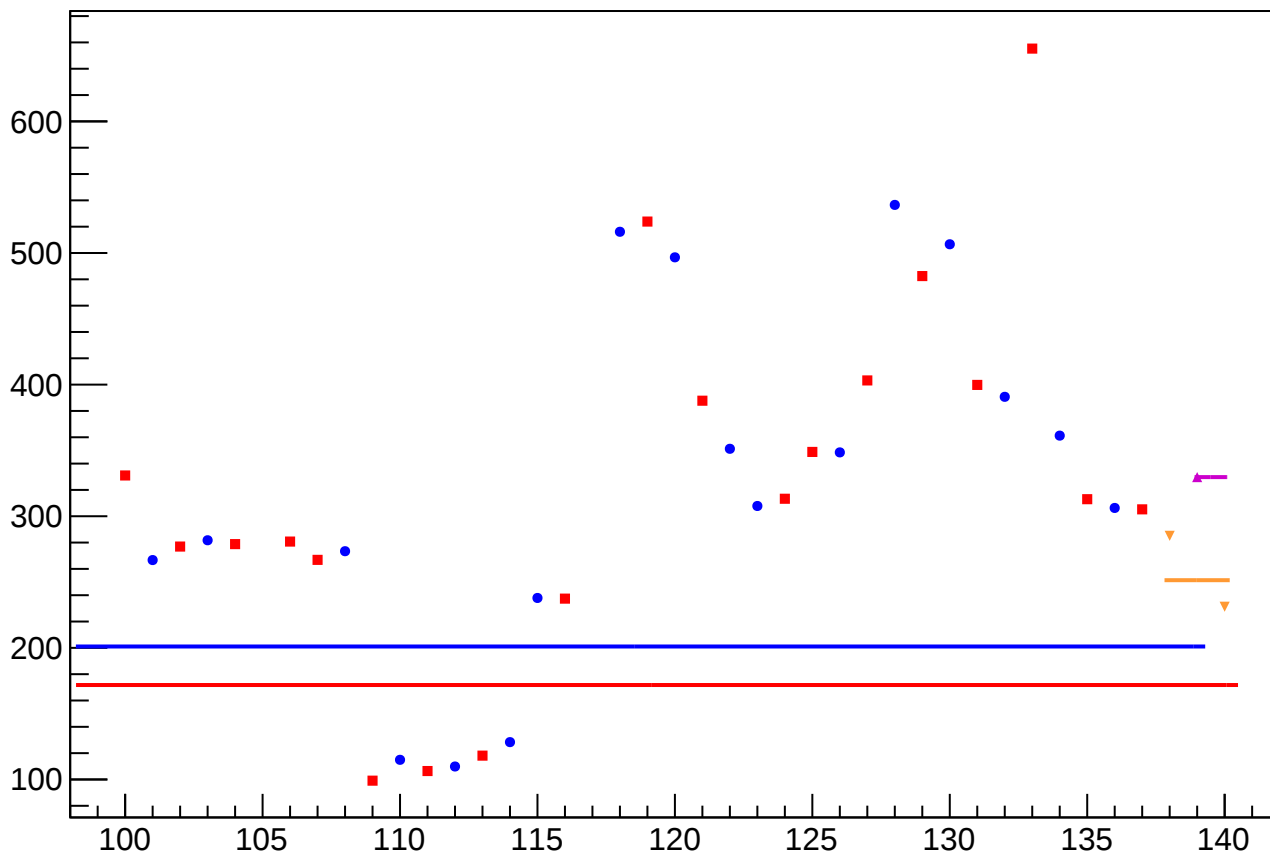
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -96.888 ± 87.974 χ^2/NDF : 20.8/17

Out: -118.149 ± 72.057 χ^2/NDF : 17.5/20

All: -109.612 ± 55.745 χ^2/NDF : 38.3/38

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 251.409+/-0.146 χ^2/NDF :32102.5/1

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 329.735+/-0.262 χ^2/NDF :0.0/0

Left: 269.922+/-0.127 χ^2/NDF : 100573.2/2

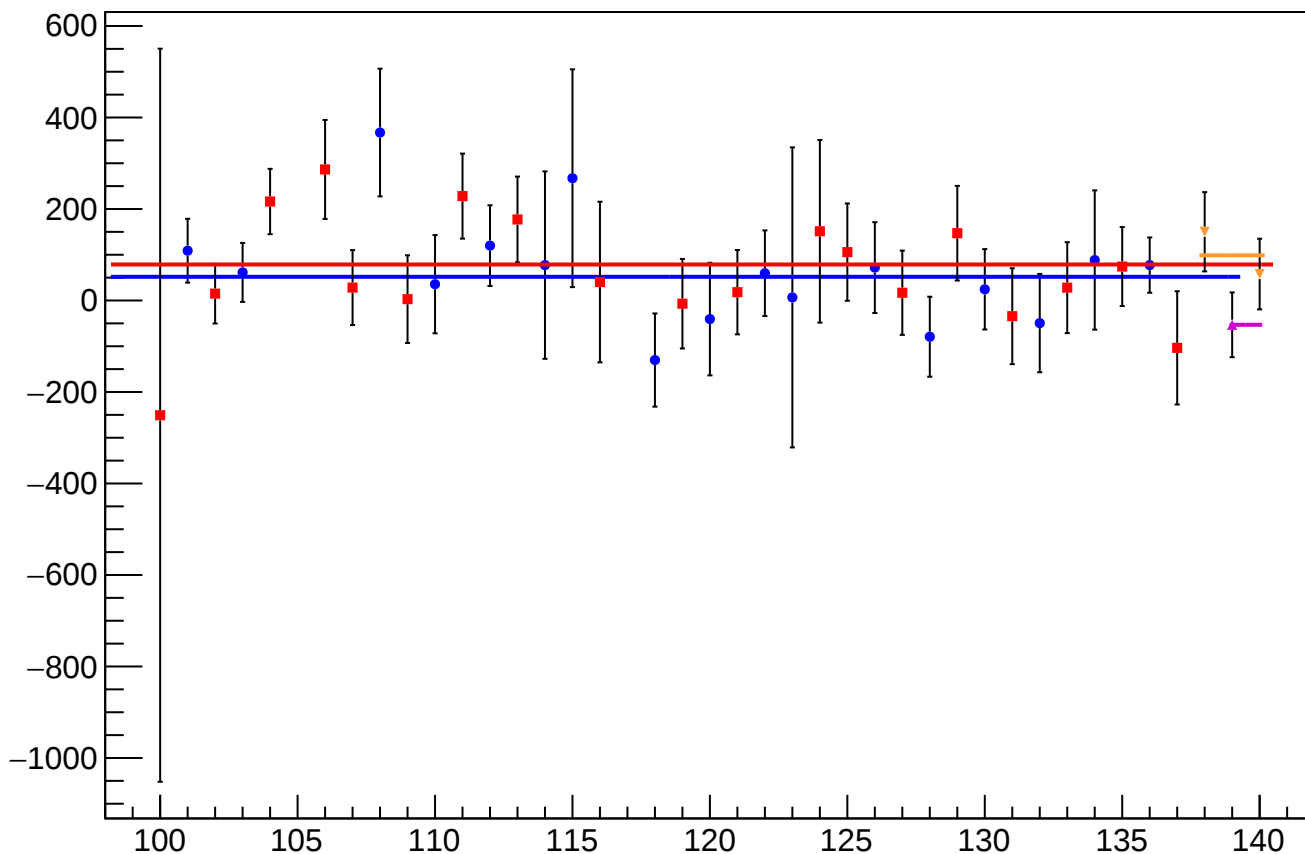
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 208.315+/-0.062 χ^2/NDF :3661413.6/17

Out: 181.528+/-0.051 χ^2/NDF :4393125.2/20

All: 192.284+/-0.039 χ^2/NDF : 8165512.3/38

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: 98.732 $\pm$ 57.641 χ^2 /NDF:0.6/1

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: -53.121 $\pm$ 70.755 χ^2 /NDF:0.0/0

Left: 38.156 $\pm$ 44.689 χ^2 /NDF: 3.4/2

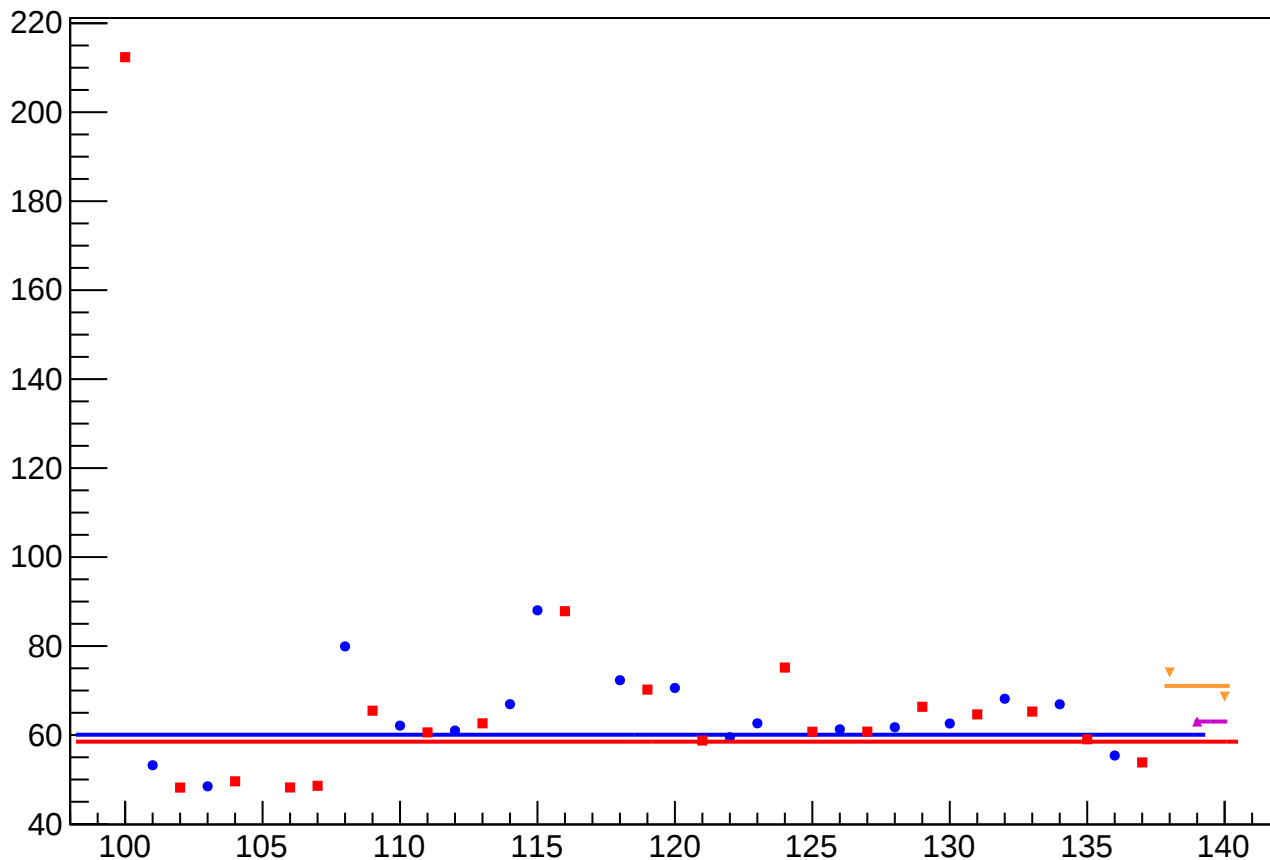
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 41.345 $\pm$ 22.335 χ^2 /NDF:16.5/17

Out: 81.389 $\pm$ 20.952 χ^2 /NDF:19.9/20

All: 62.645 $\pm$ 15.281 χ^2 /NDF: 38.1/38

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF : 229098.7/16

Left Out: 71.036+/-0.041 χ^2/NDF : 4390.1/1

Right Out: 58.508+/-0.016 χ^2/NDF : 348822.3/18

Left In: 63.036+/-0.050 χ^2/NDF : 0.0/0

Left: 67.844+/-0.032 χ^2/NDF : 19757.9/2

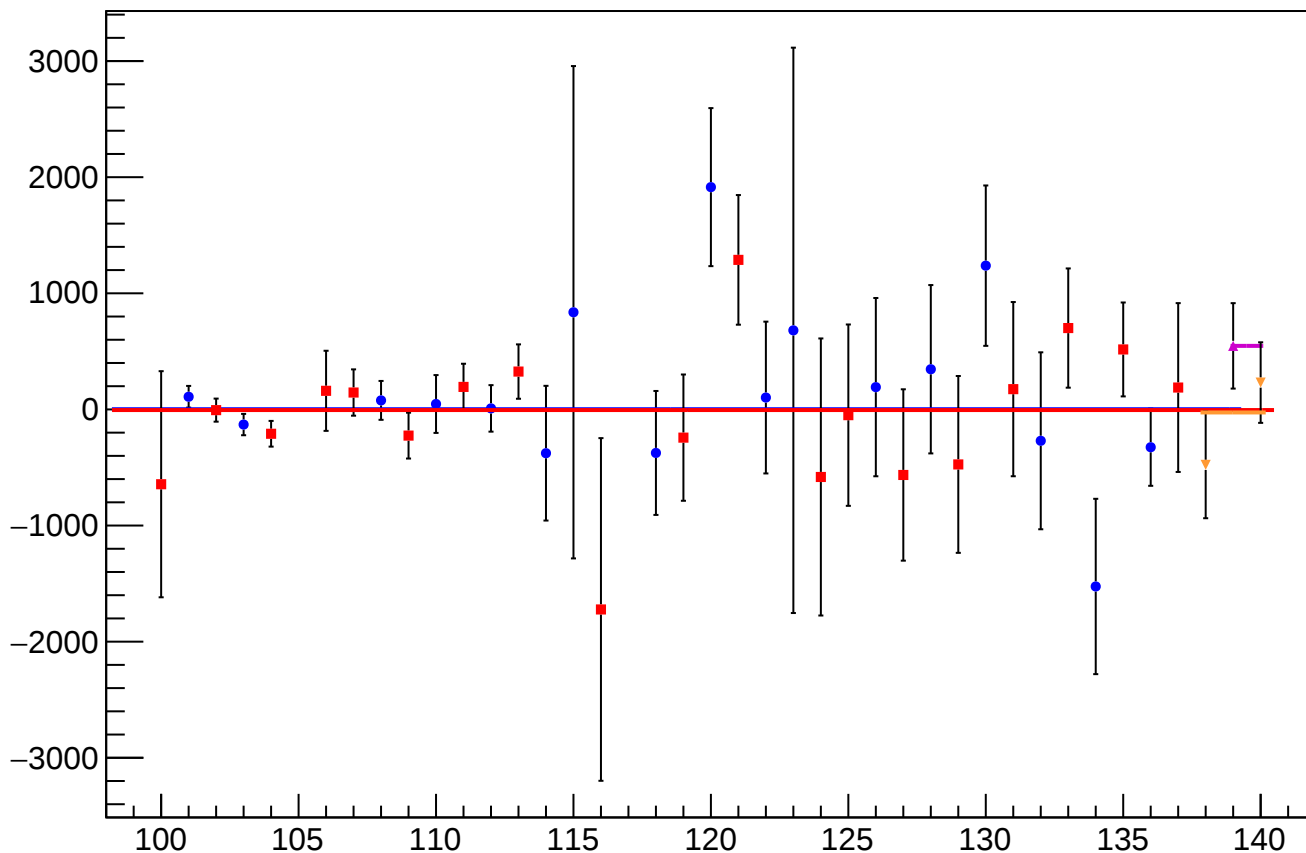
Right: 59.251+/-0.011 χ^2/NDF : 582496.2/35

In: 60.361+/-0.016 χ^2/NDF : 232272.6/17

Out: 60.163+/-0.015 χ^2/NDF : 435200.8/20

All: 60.256+/-0.011 χ^2/NDF : 667556.9/38

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -26.070 ± 276.857 χ^2/NDF : 1.5/1

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 547.304 ± 367.929 χ^2/NDF : 0.0/0

Left: 181.215 ± 221.222 χ^2/NDF : 3.1/2

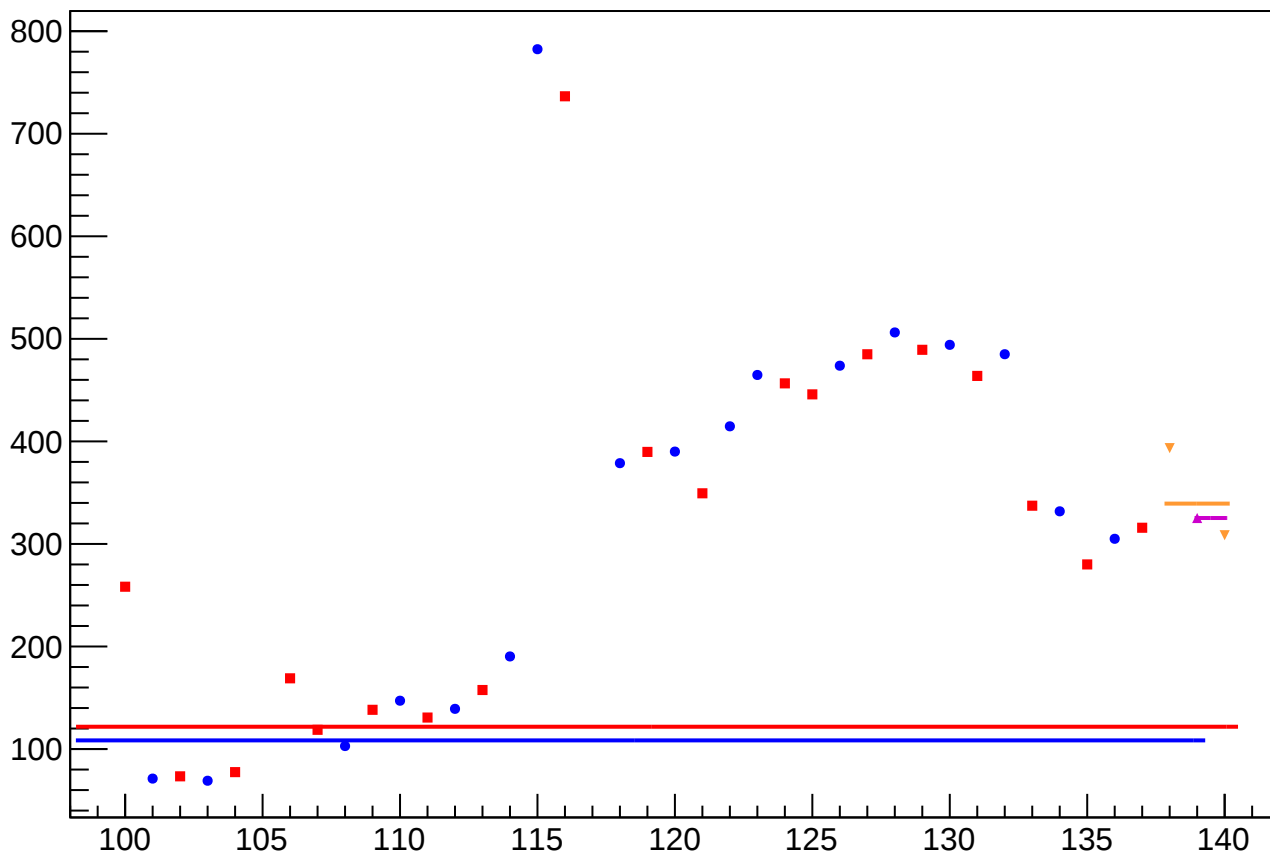
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 13.207 ± 53.703 χ^2/NDF : 23.5/17

Out: -6.229 ± 55.374 χ^2/NDF : 22.2/20

All: 3.787 ± 38.551 χ^2/NDF : 45.8/38

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.337+/-0.196 χ^2/NDF : 43508.8/1

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 325.291+/-0.260 χ^2/NDF : 0.0/0

Left: 334.259+/-0.156 χ^2/NDF : 45369.7/2

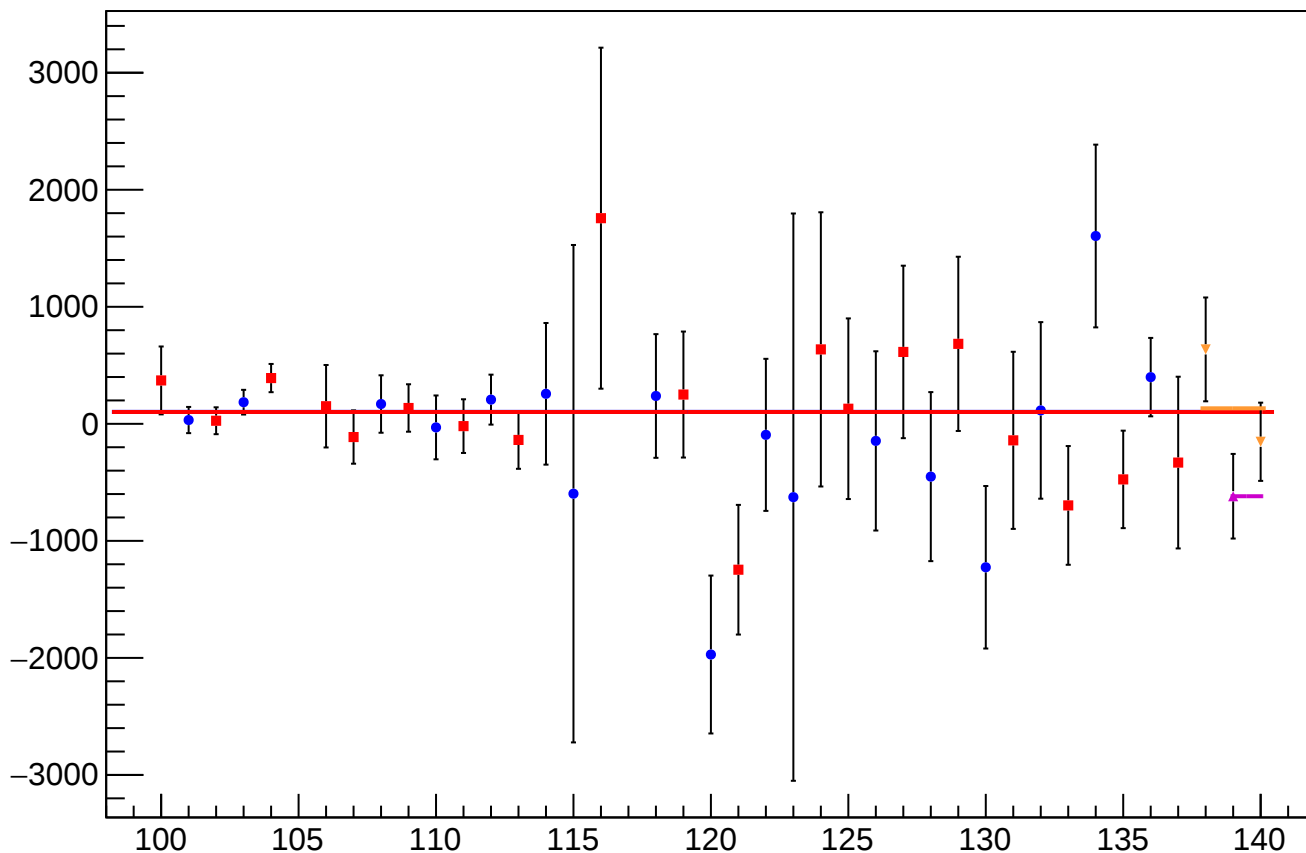
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 113.065+/-0.038 χ^2/NDF : 6084022.4/17

Out: 130.469+/-0.039 χ^2/NDF : 6000292.1/20

All: 121.500+/-0.027 χ^2/NDF : 12186122.4/38

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 132.608+/-266.929 χ^2/NDF : 2.0/1

Right Out: 101.249+/-60.846 χ^2/NDF : 22.6/18

Left In: -618.623+/-361.539 χ^2/NDF : 0.0/0

Left: -132.423+/-214.742 χ^2/NDF : 4.8/2

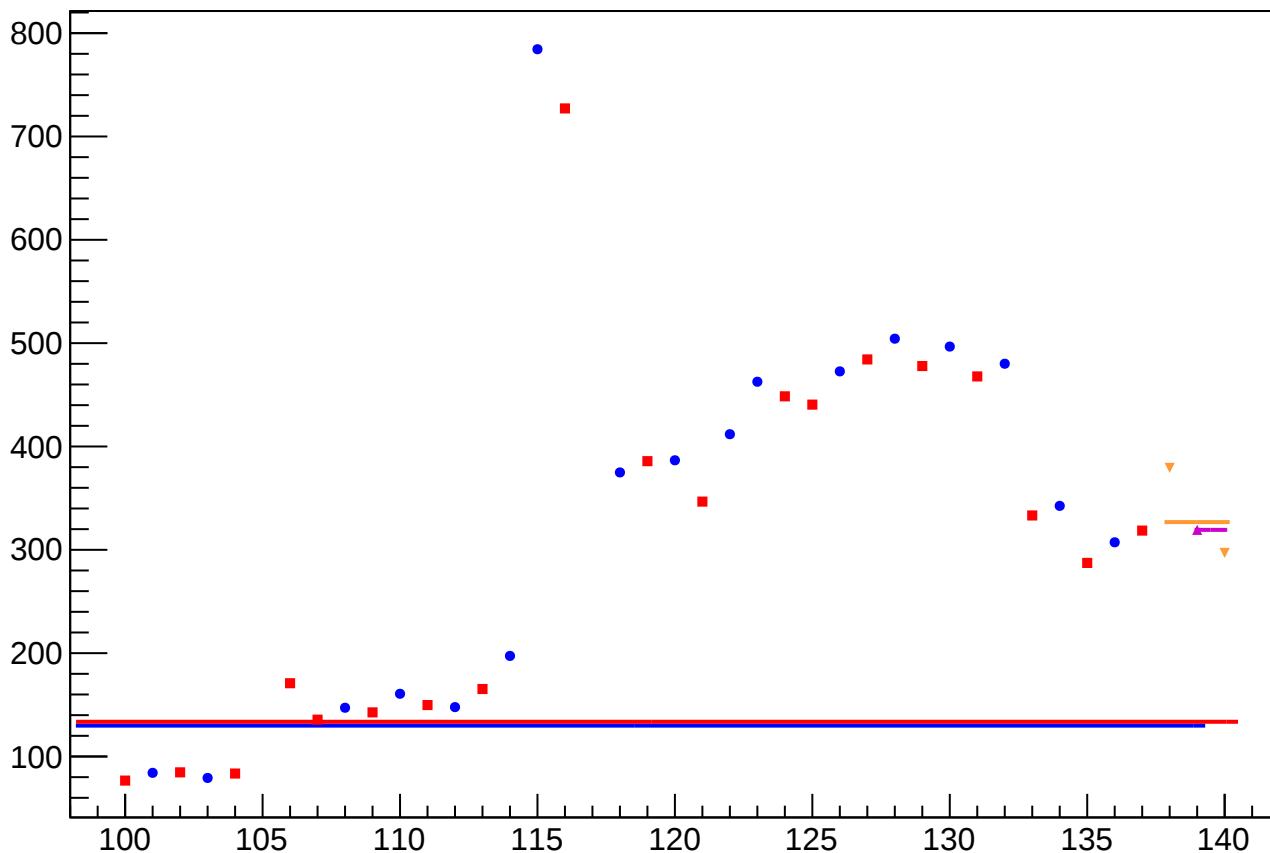
Right: 101.717+/-43.809 χ^2/NDF : 42.9/35

In: 80.894+/-62.187 χ^2/NDF : 24.1/17

Out: 102.798+/-59.324 χ^2/NDF : 24.7/20

All: 92.362+/-42.925 χ^2/NDF : 48.9/38

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 319.310+/-0.256 χ^2/NDF : 0.0/0

Left: 324.177+/-0.152 χ^2/NDF : 44411.1/2

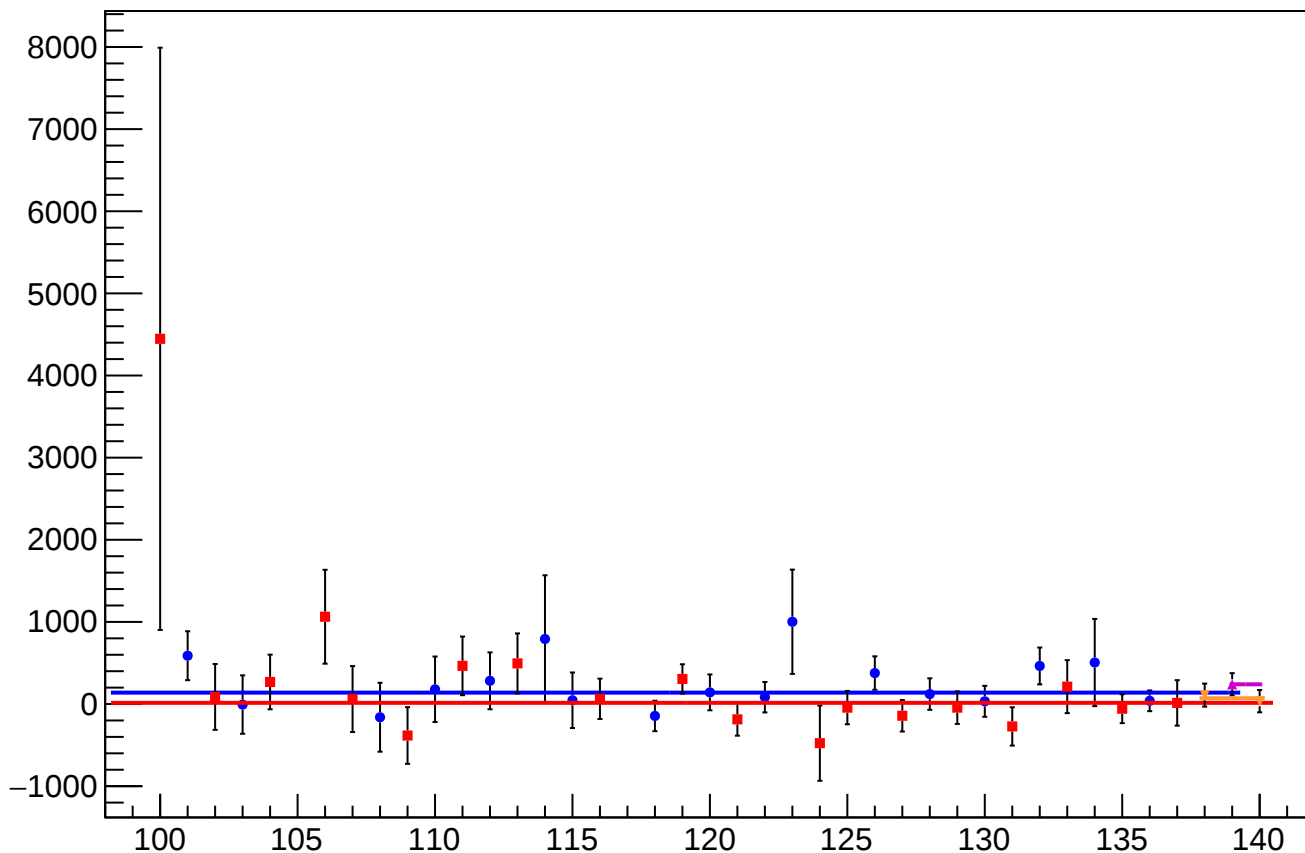
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 135.488+/-0.044 χ^2/NDF : 5362314.4/17

Out: 143.148+/-0.042 χ^2/NDF : 5403476.2/20

All: 139.499+/-0.030 χ^2/NDF : 10781678.8/38

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093+/-57.982 χ^2/NDF : 13.1/16

Left Out: 70.840+/-97.528 χ^2/NDF : 0.1/1

Right Out: 14.912+/-60.119 χ^2/NDF : 18.0/18

Left In: 240.250+/-135.968 χ^2/NDF : 0.0/0

Left: 128.391+/-79.249 χ^2/NDF : 1.2/2

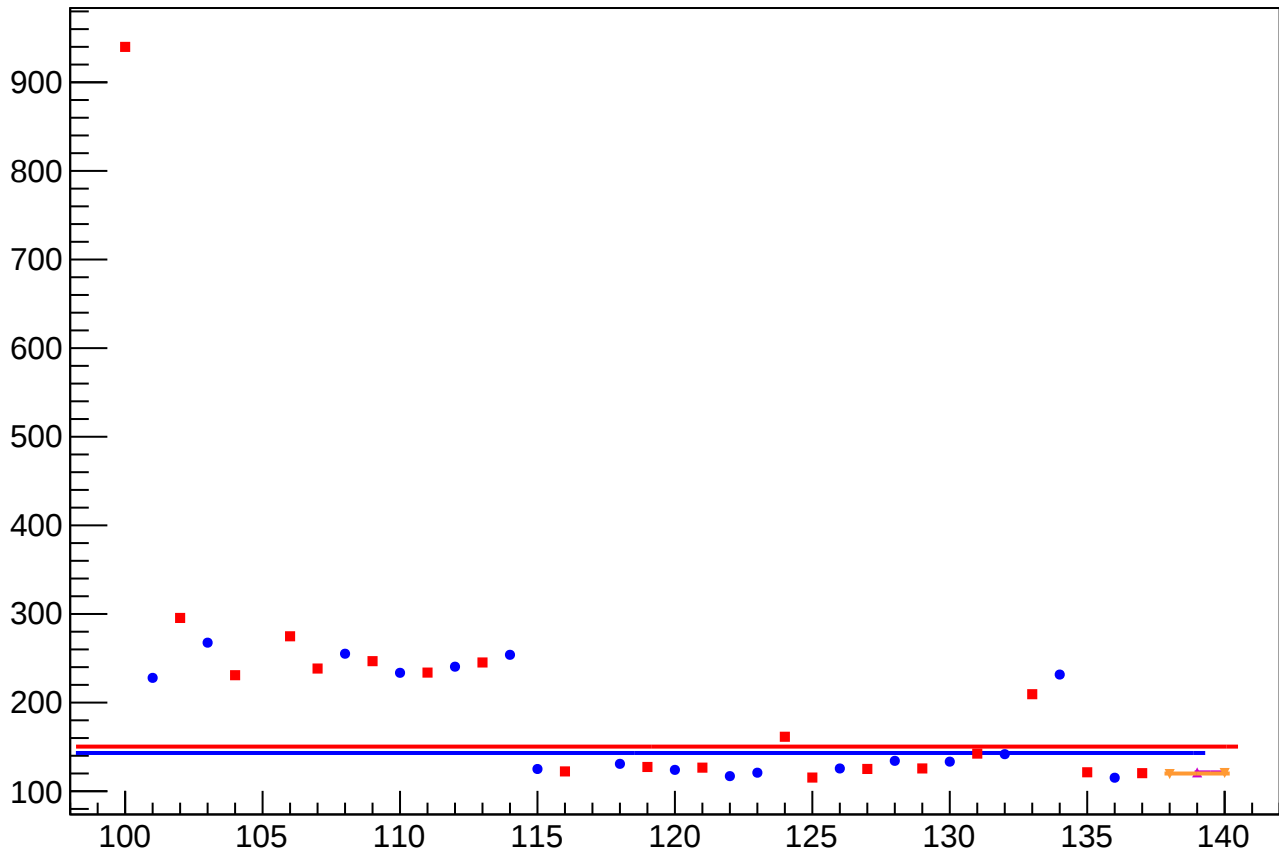
Right: 79.249+/-41.734 χ^2/NDF : 33.3/35

In: 154.658+/-53.335 χ^2/NDF : 13.6/17

Out: 30.312+/-51.177 χ^2/NDF : 18.4/20

All: 89.918+/-36.927 χ^2/NDF : 34.8/38

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: 119.960 $\pm$ 0.069 χ^2 /NDF: 72.2/1

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 121.271 $\pm$ 0.096 χ^2 /NDF: 0.0/0

Left: 120.405 $\pm$ 0.056 χ^2 /NDF: 195.0/2

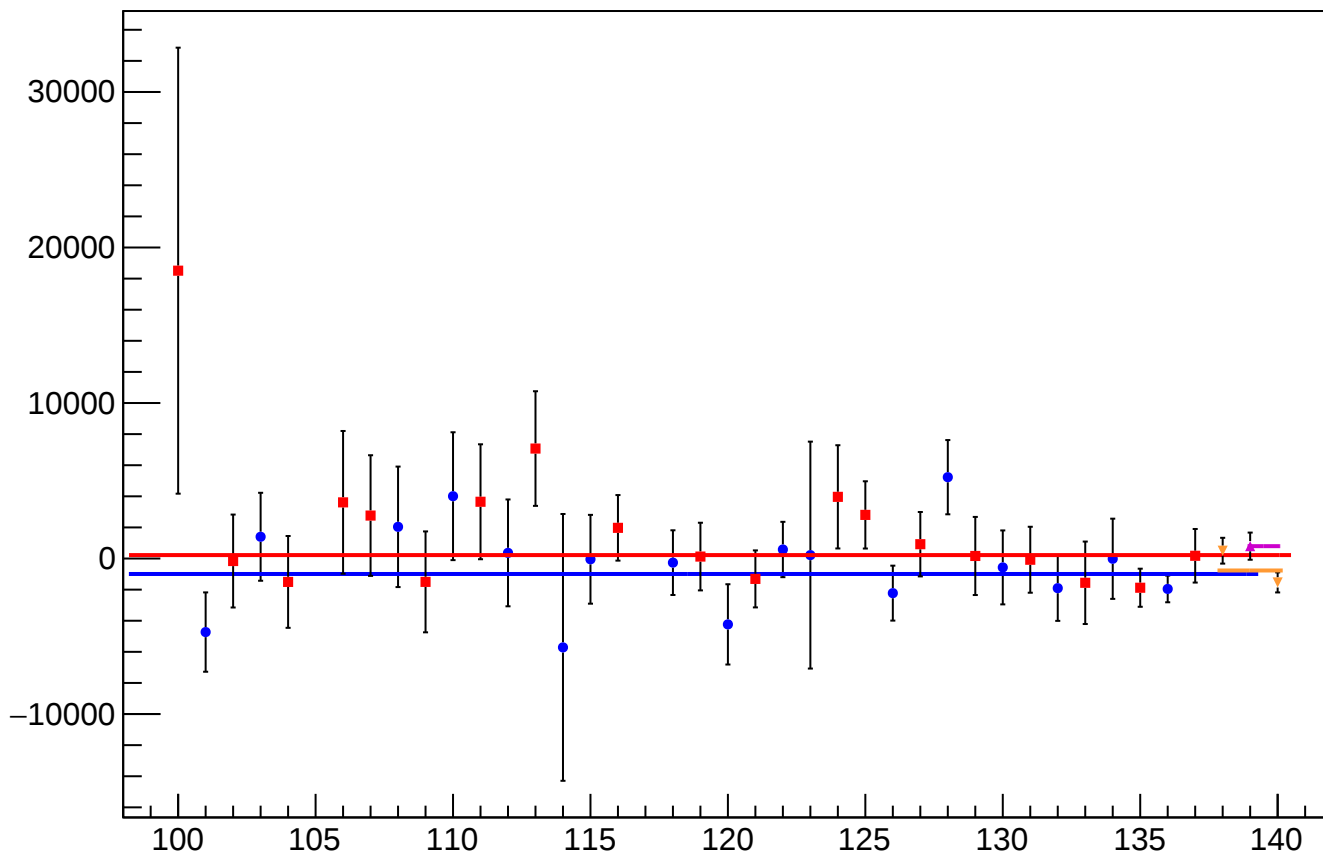
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 139.775 $\pm$ 0.038 χ^2 /NDF: 1145044.2/17

Out: 141.972 $\pm$ 0.036 χ^2 /NDF: 1572703.6/20

All: 140.919 $\pm$ 0.026 χ^2 /NDF: 2719515.3/38

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -768.929+/-508.766 χ^2/NDF : 3.8/1

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: 795.333+/-873.025 χ^2/NDF : 0.0/0

Left: -372.366+/-439.570 χ^2/NDF : 6.2/2

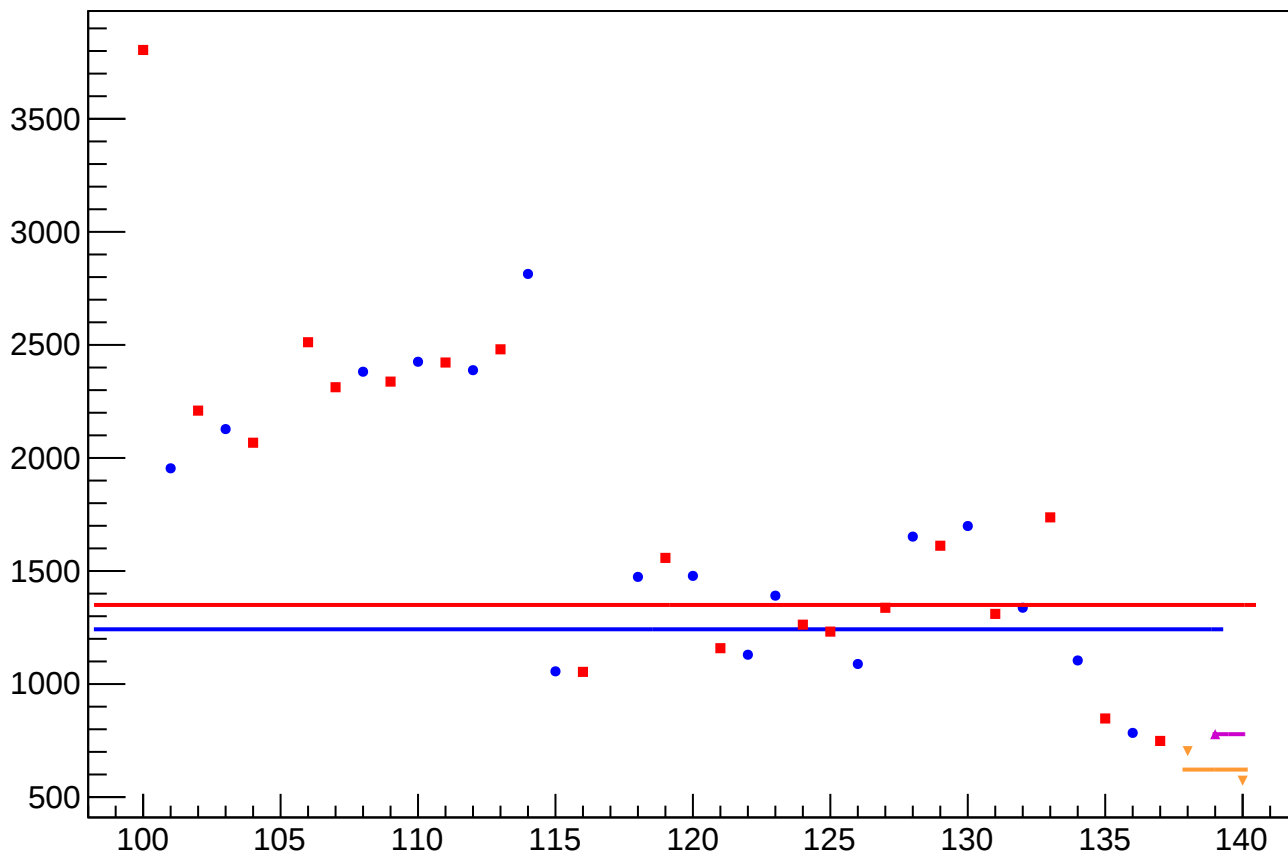
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -529.973+/-444.506 χ^2/NDF : 20.0/17

Out: -306.378+/-371.402 χ^2/NDF : 20.7/20

All: -398.301+/-285.010 χ^2/NDF : 40.9/38

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 621.725+/-0.360 χ^2/NDF : 30963.4/1

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 778.277+/-0.617 χ^2/NDF : 0.0/0

Left: 661.414+/-0.311 χ^2/NDF : 78971.7/2

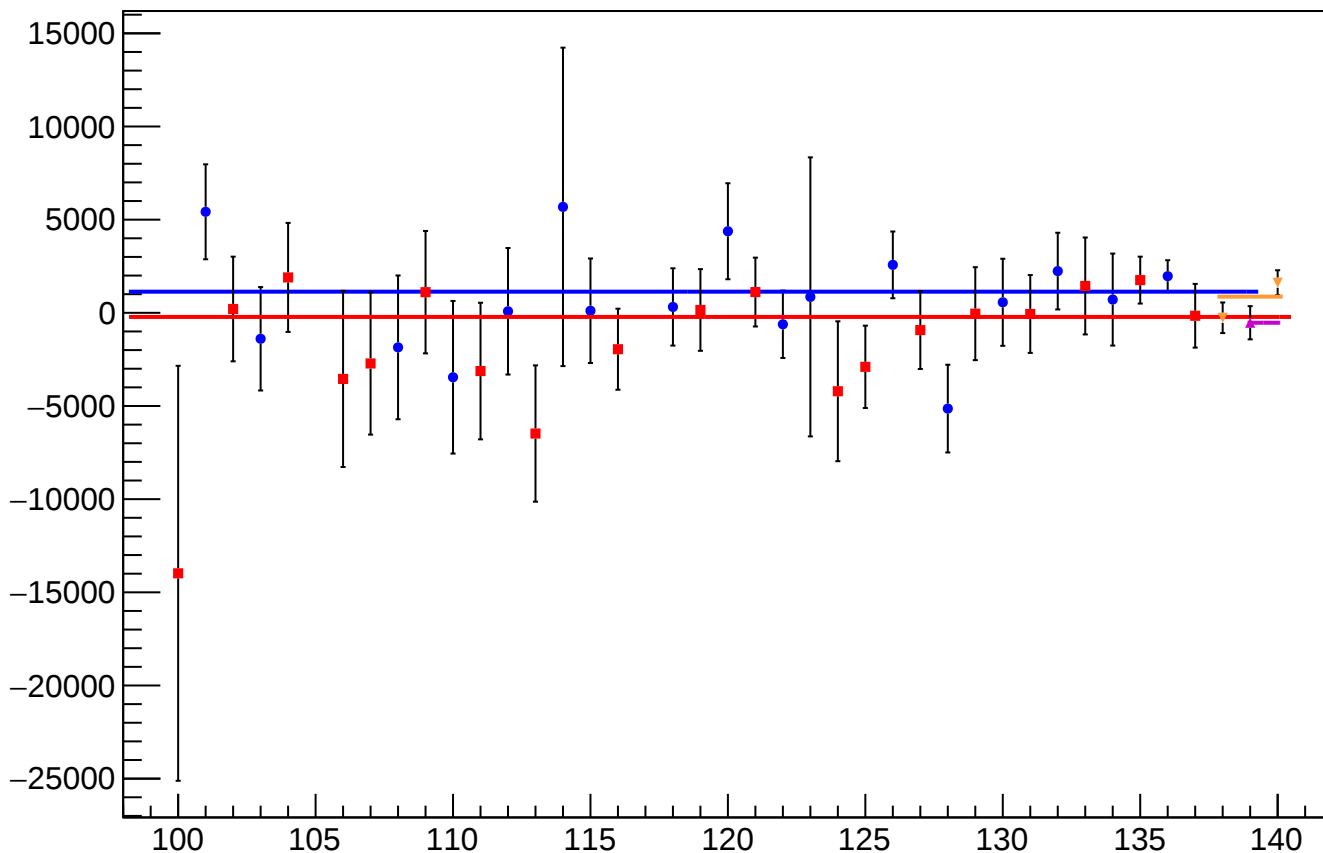
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 1121.912+/-0.314 χ^2/NDF : 2185727.9/17

Out: 961.835+/-0.263 χ^2/NDF : 3812327.8/20

All: 1027.645+/-0.202 χ^2/NDF : 6150799.5/38

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 869.108+/-518.014 χ^2/NDF : 3.2/1

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: -532.668+/-890.474 χ^2/NDF : 0.0/0

Left: 514.678+/-447.762 χ^2/NDF : 5.0/2

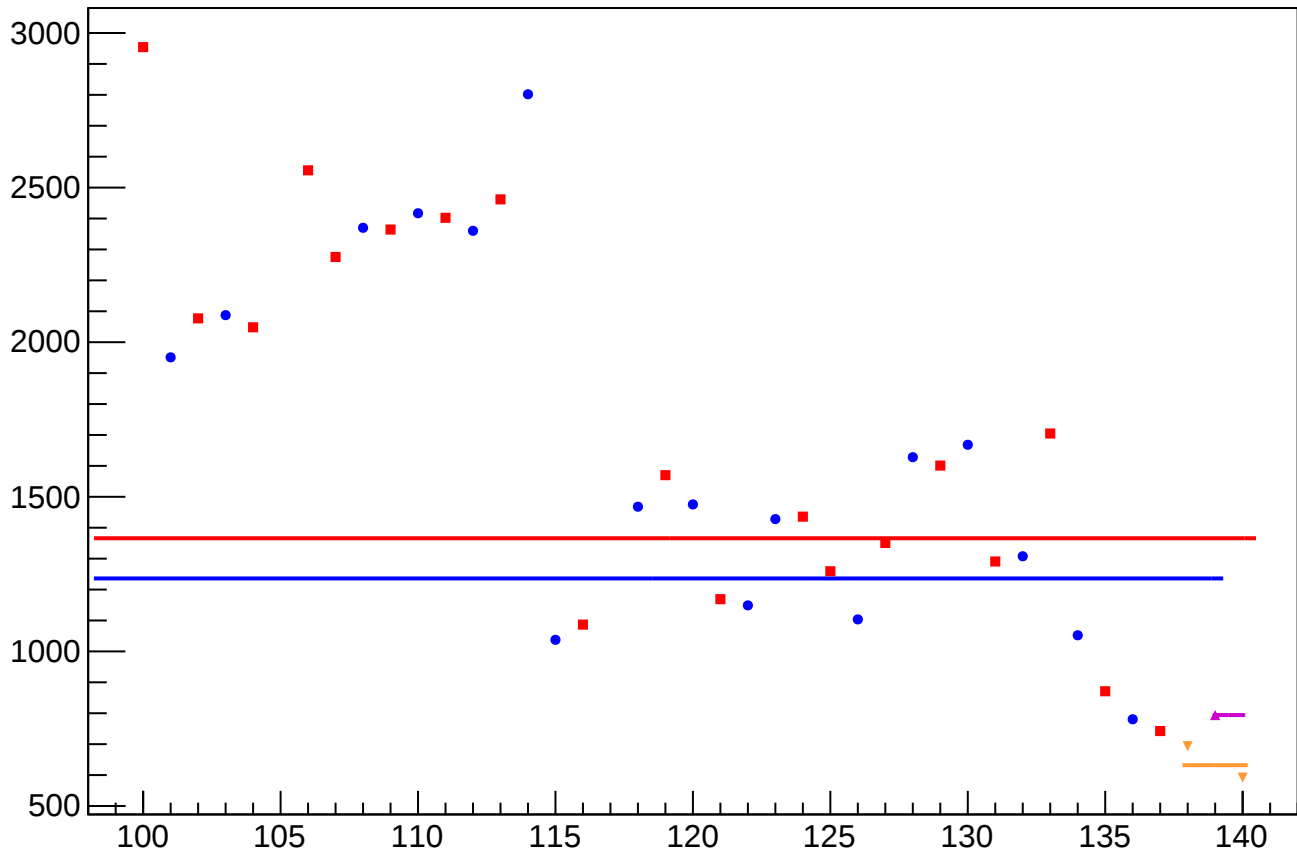
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 718.669+/-445.013 χ^2/NDF : 20.4/17

Out: 354.297+/-376.292 χ^2/NDF : 18.8/20

All: 506.207+/-287.338 χ^2/NDF : 39.6/38

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 632.044+/-0.366 χ^2/NDF : 18406.4/1

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 794.089+/-0.630 χ^2/NDF : 0.0/0

Left: 673.016+/-0.317 χ^2/NDF : 67891.1/2

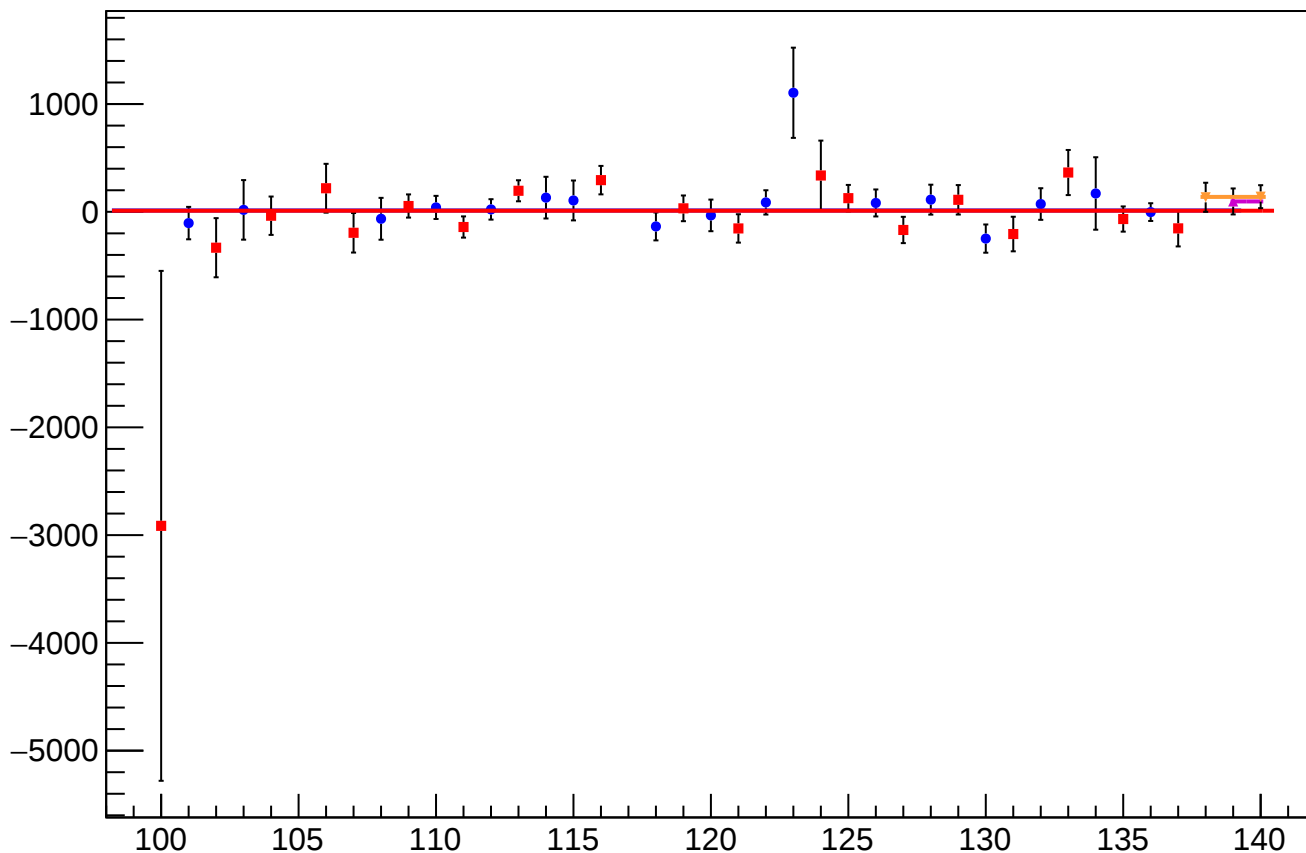
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 1125.588+/-0.315 χ^2/NDF : 2115156.2/17

Out: 978.680+/-0.266 χ^2/NDF : 3664530.1/20

All: 1039.927+/-0.203 χ^2/NDF : 5906775.8/38

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 138.292+/-83.637 χ^2/NDF : 0.0/1

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 96.209+/-120.547 χ^2/NDF : 0.0/0

Left: 124.617+/-68.717 χ^2/NDF : 0.1/2

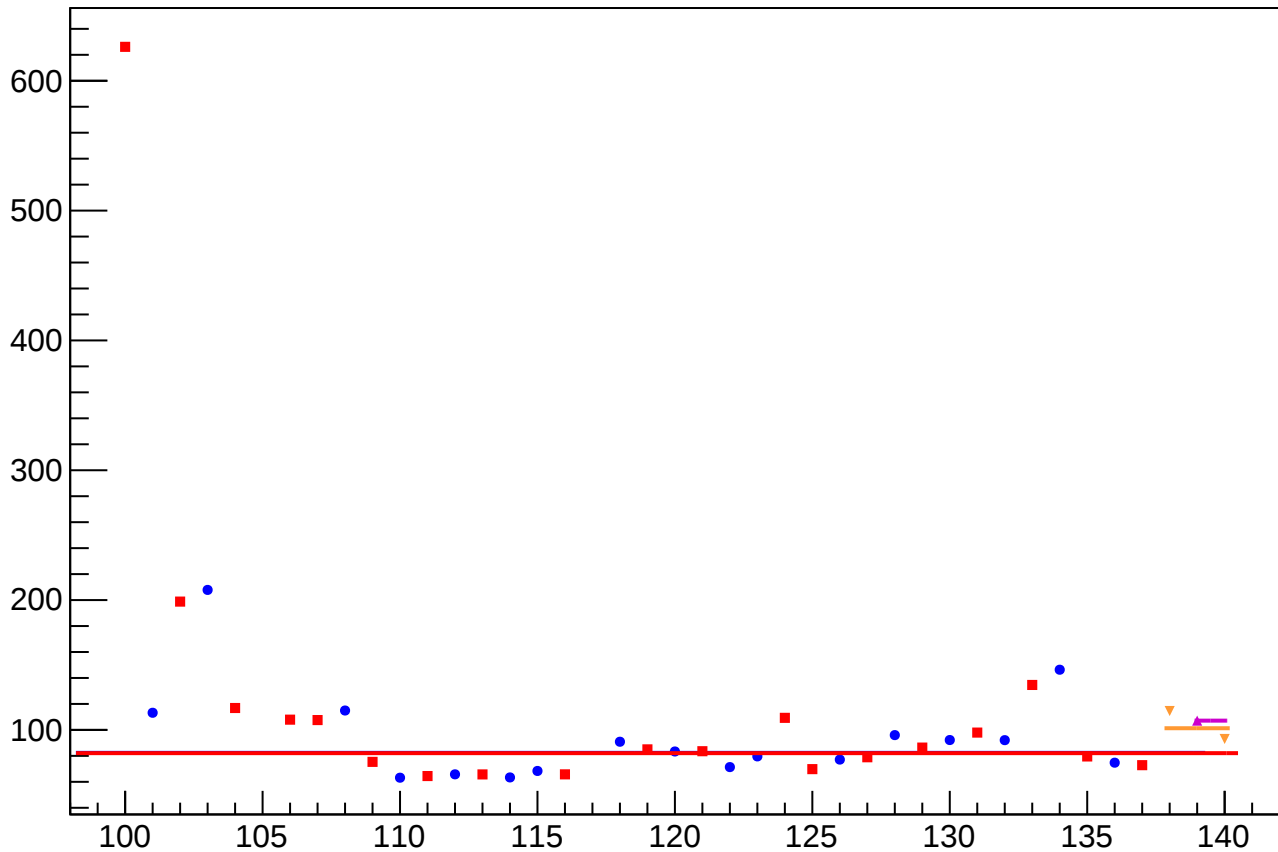
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 18.233+/-32.033 χ^2/NDF : 15.8/17

Out: 26.954+/-30.376 χ^2/NDF : 30.3/20

All: 22.825+/-22.042 χ^2/NDF : 46.2/38

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 101.283+/-0.059 χ^2/NDF : 31380.1/1

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

Left In: 107.129+/-0.085 χ^2/NDF : 0.0/0

Left: 103.183+/-0.049 χ^2/NDF : 34556.0/2

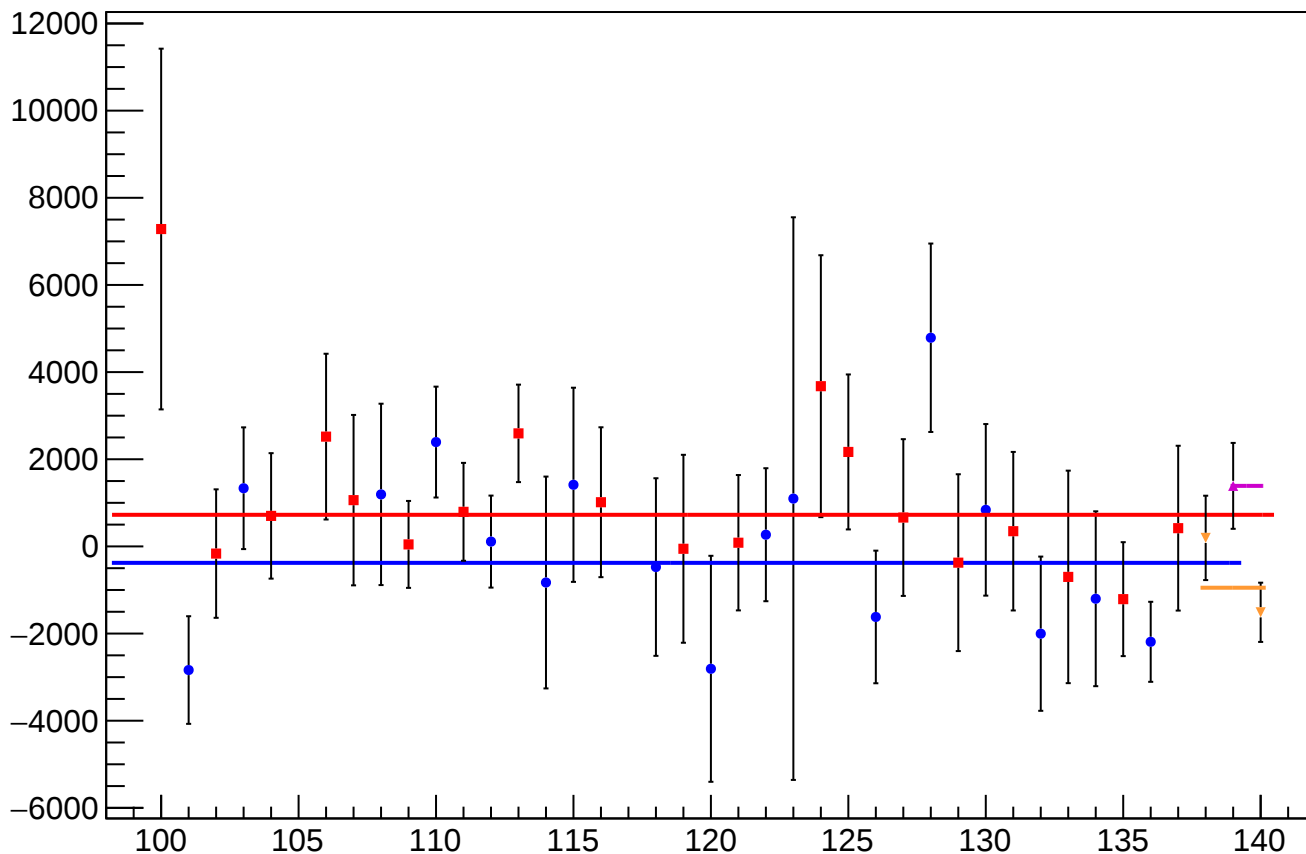
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 84.059+/-0.023 χ^2/NDF : 947564.1/17

Out: 84.622+/-0.021 χ^2/NDF : 1081808.1/20

All: 84.355+/-0.016 χ^2/NDF : 2029698.2/38

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -948.150+/-556.310 χ^2/NDF : 2.1/1

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 1389.245+/-985.672 χ^2/NDF : 0.0/0

Left: -383.464+/-484.473 χ^2/NDF : 6.3/2

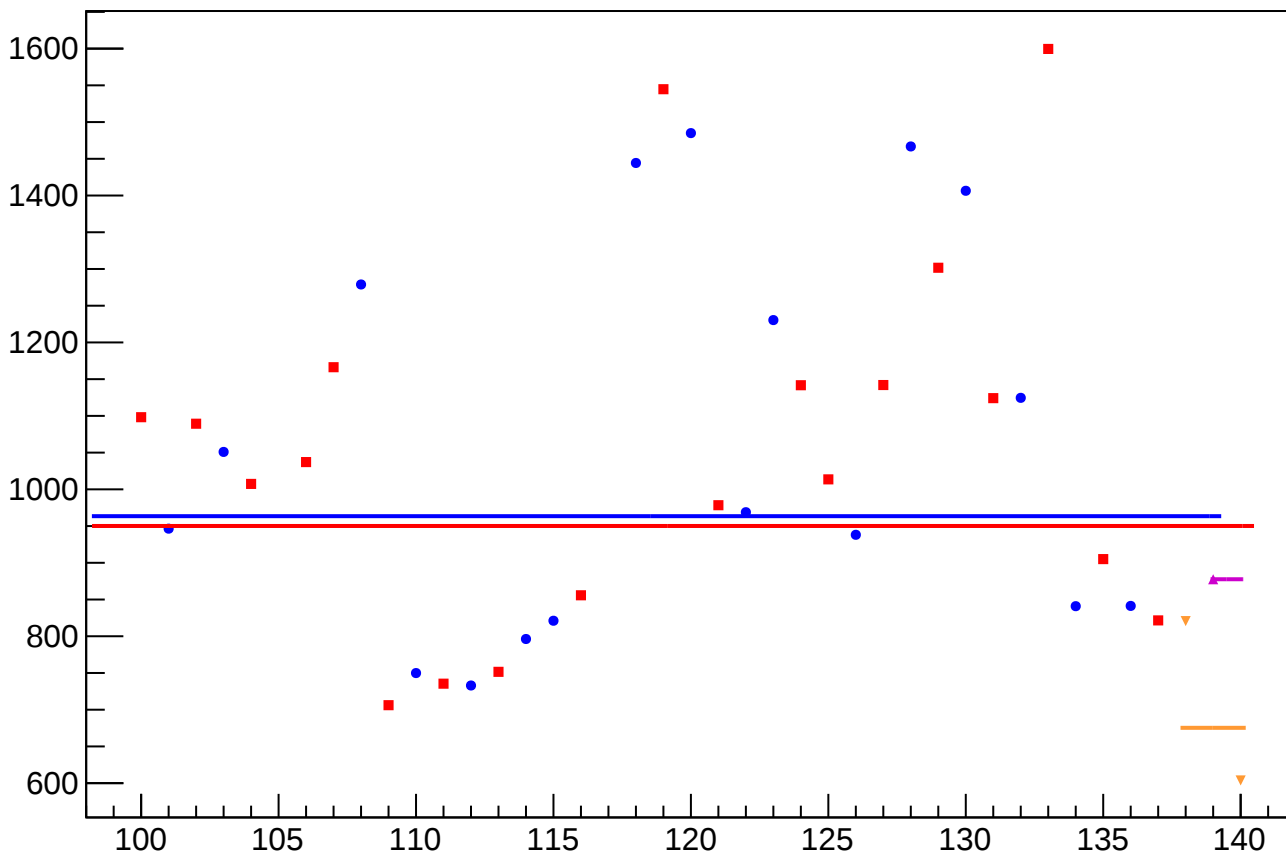
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -144.649+/-357.723 χ^2/NDF : 27.2/17

Out: 217.452+/-306.442 χ^2/NDF : 20.3/20

All: 64.194+/-232.725 χ^2/NDF : 48.1/38

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 675.335+/-0.393 χ^2/NDF : 67262.0/1

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 877.600+/-0.697 χ^2/NDF : 0.0/0

Left: 724.200+/-0.343 χ^2/NDF : 131134.5/2

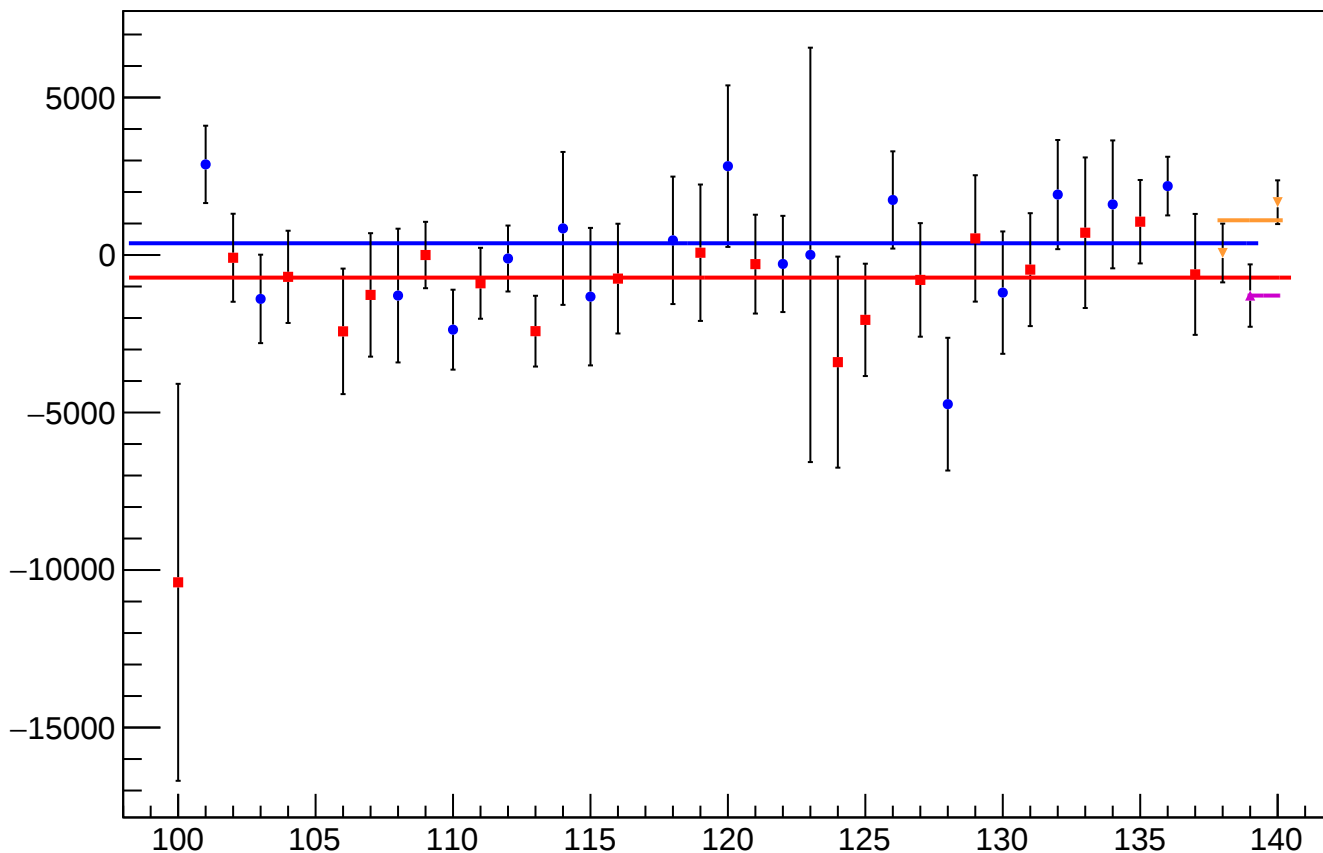
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 952.159+/-0.253 χ^2/NDF : 702052.9/17

Out: 866.742+/-0.217 χ^2/NDF : 1139120.0/20

All: 902.895+/-0.165 χ^2/NDF : 1906940.4/38

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1102.463 $\pm$ 556.872 χ^2 /NDF:1.9/1

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: -1287.571 $\pm$ 990.108 χ^2 /NDF:0.0/0

Left: 528.104 $\pm$ 485.369 χ^2 /NDF: 6.3/2

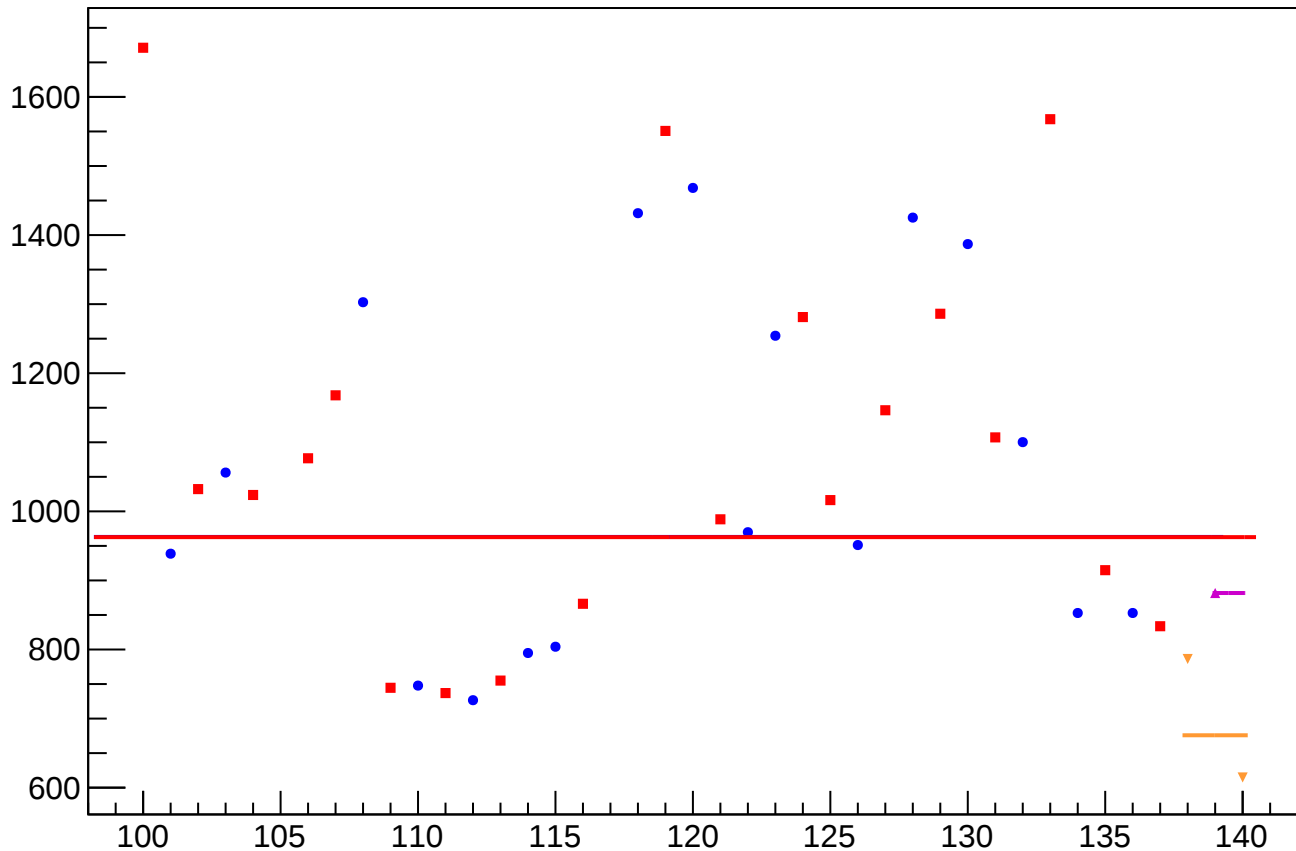
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 156.123 $\pm$ 357.743 χ^2 /NDF:27.7/17

Out: -156.357 $\pm$ 309.197 χ^2 /NDF:19.4/20

All: -22.743 $\pm$ 233.930 χ^2 /NDF: 47.6/38

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 675.836+/-0.394 χ^2/NDF : 43500.4/1

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 881.793+/-0.700 χ^2/NDF : 0.0/0

Left: 725.331+/-0.343 χ^2/NDF : 109243.5/2

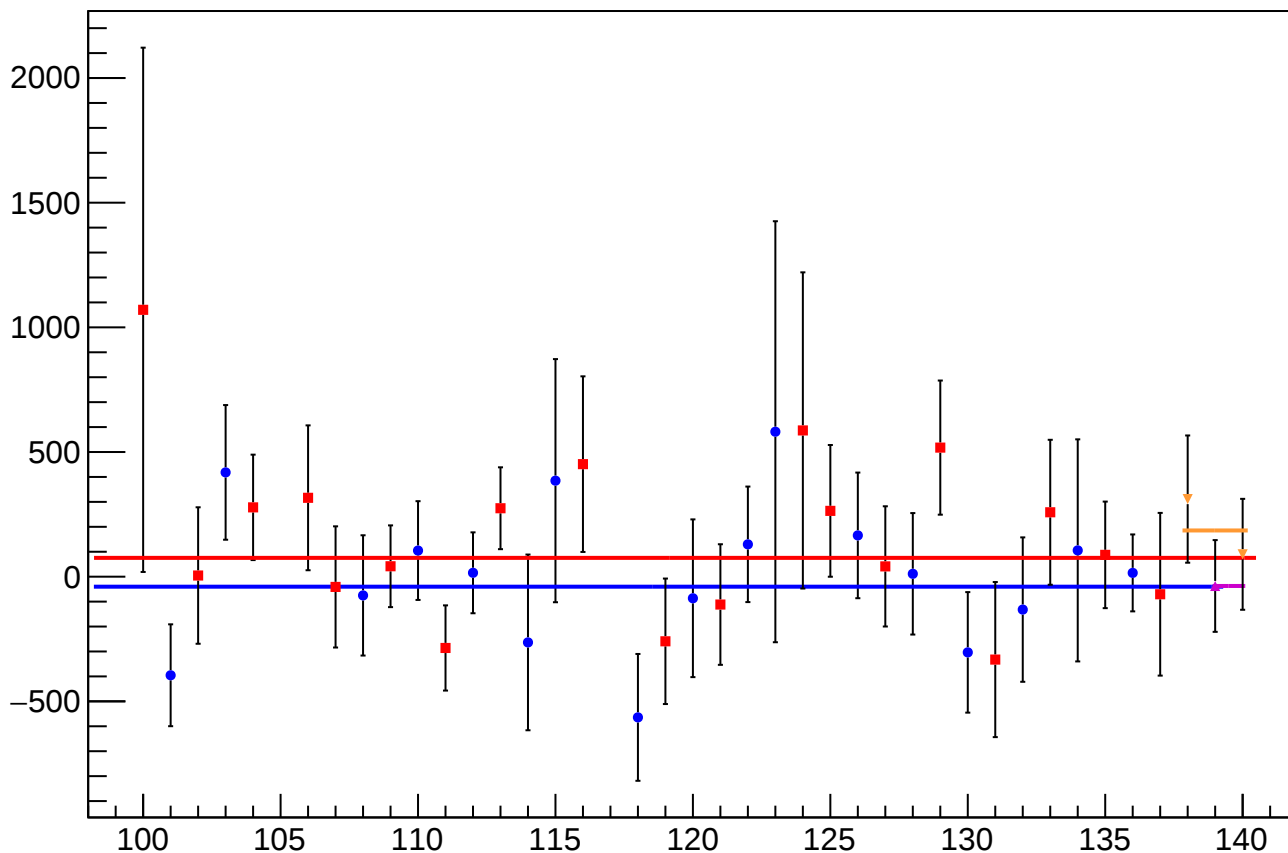
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 952.373+/-0.253 χ^2/NDF : 679211.0/17

Out: 874.258+/-0.219 χ^2/NDF : 1106975.7/20

All: 907.659+/-0.165 χ^2/NDF : 1840770.3/38

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 185.357 ± 167.674 $\chi^2/\text{NDF}: 0.4/1$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: -37.265 ± 183.978 $\chi^2/\text{NDF}: 0.0/0$

Left: 84.345 ± 123.927 $\chi^2/\text{NDF}: 1.2/2$

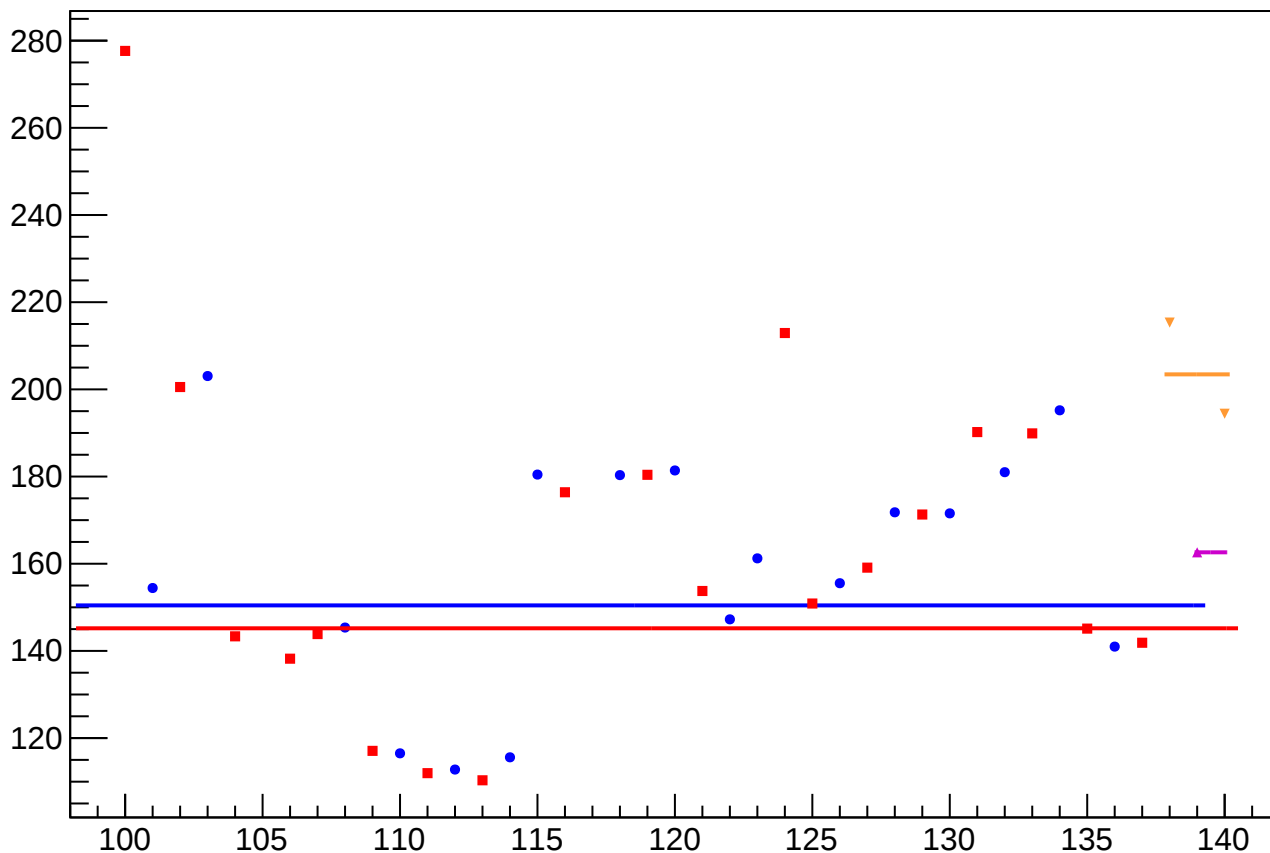
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: -39.853 ± 56.403 $\chi^2/\text{NDF}: 15.3/17$

Out: 86.571 ± 53.315 $\chi^2/\text{NDF}: 19.3/20$

All: 26.915 ± 38.745 $\chi^2/\text{NDF}: 37.3/38$

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: 203.442 $\pm$ 0.119 χ^2 /NDF: 7631.5/1

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.617 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Left: 184.918 $\pm$ 0.088 χ^2 /NDF: 61428.4/2

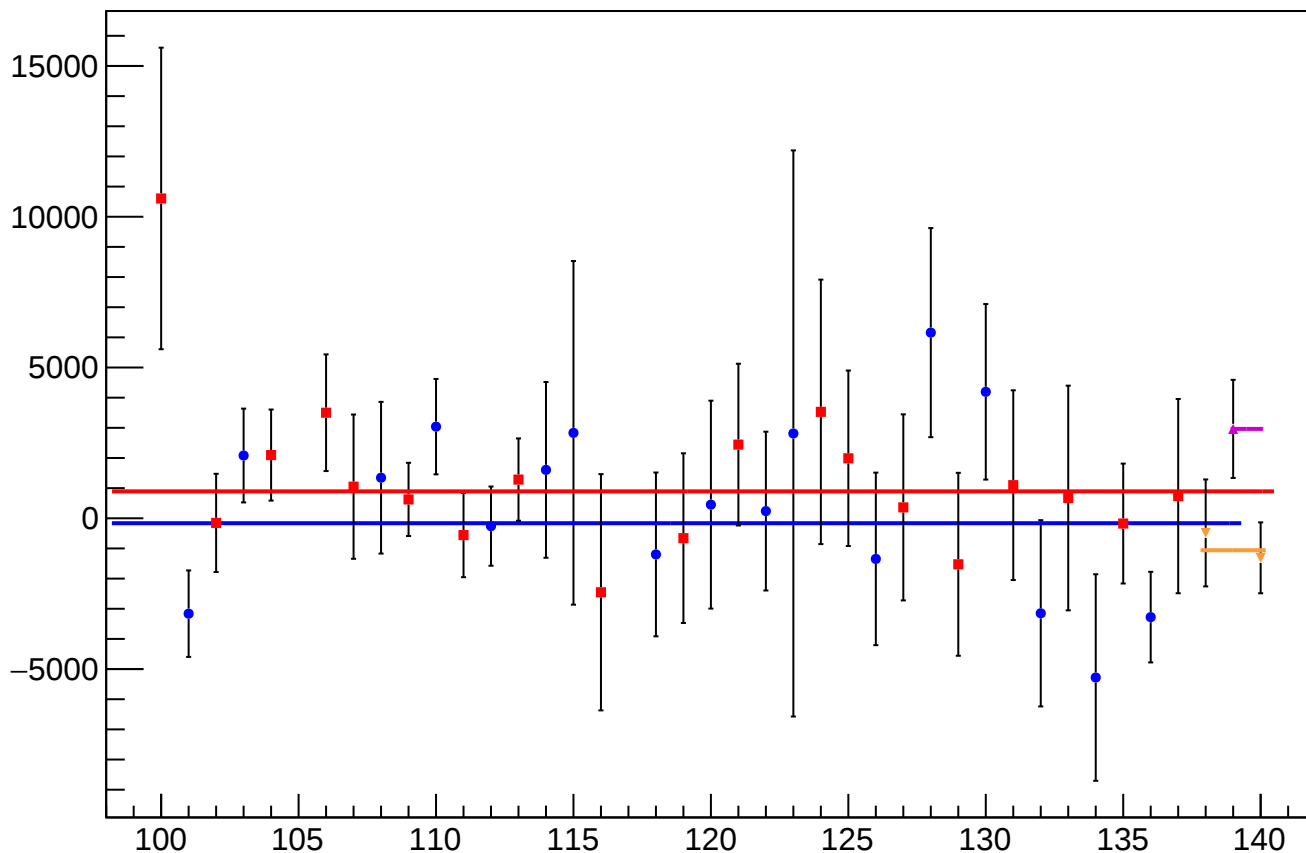
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 151.586 $\pm$ 0.040 χ^2 /NDF: 408057.4/17

Out: 151.077 $\pm$ 0.038 χ^2 /NDF: 760336.4/20

All: 151.317 $\pm$ 0.027 χ^2 /NDF: 1168479.9/38

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1058.572 ± 979.781 χ^2/NDF : 0.2/1

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 2964.704 ± 1627.332 χ^2/NDF : 0.0/0

Left: 11.837 ± 839.385 χ^2/NDF : 4.6/2

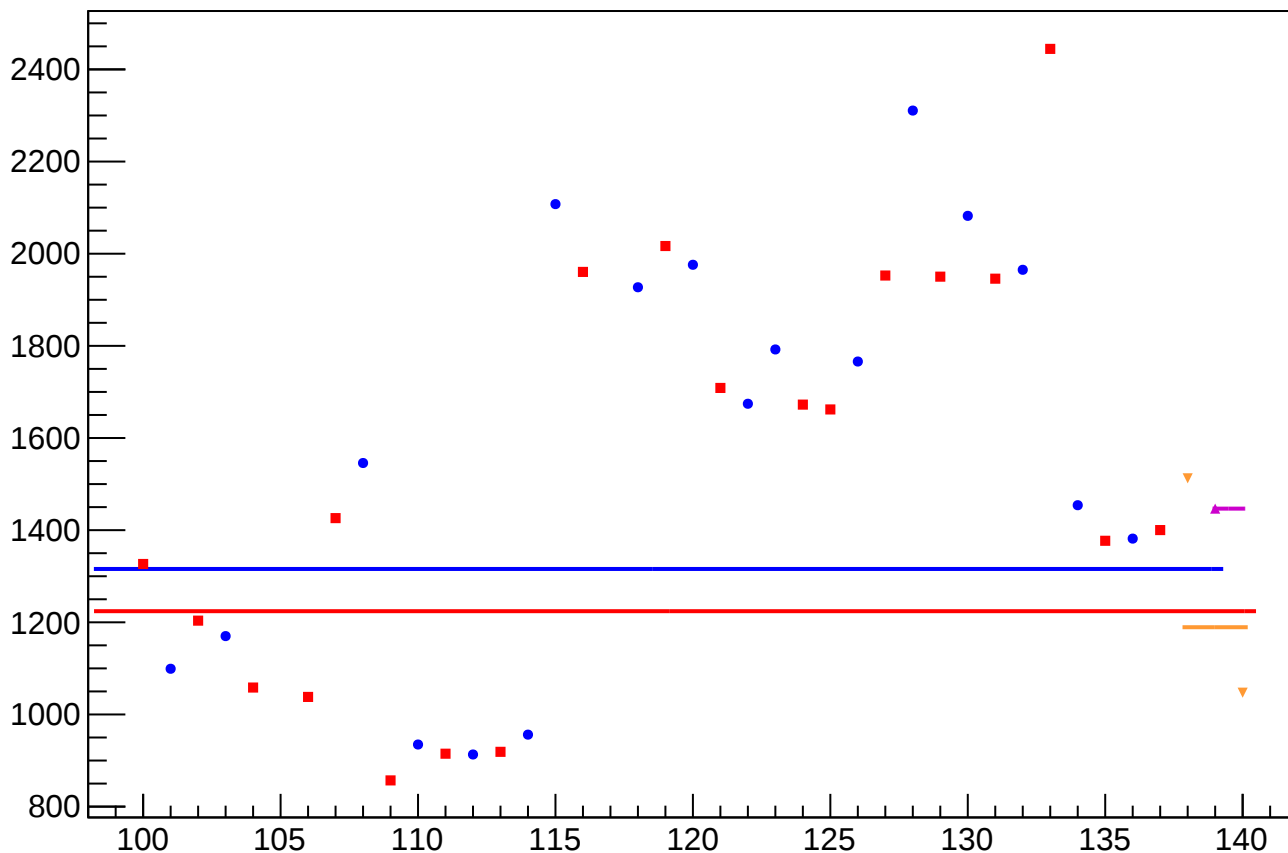
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 140.364 ± 506.665 χ^2/NDF : 28.4/17

Out: 509.886 ± 434.173 χ^2/NDF : 14.0/20

All: 353.429 ± 329.684 χ^2/NDF : 42.7/38

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1189.335+/-0.693 χ^2/NDF : 95651.6/1

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1446.743+/-1.151 χ^2/NDF : 0.0/0

Left: 1257.819+/-0.594 χ^2/NDF : 132378.7/2

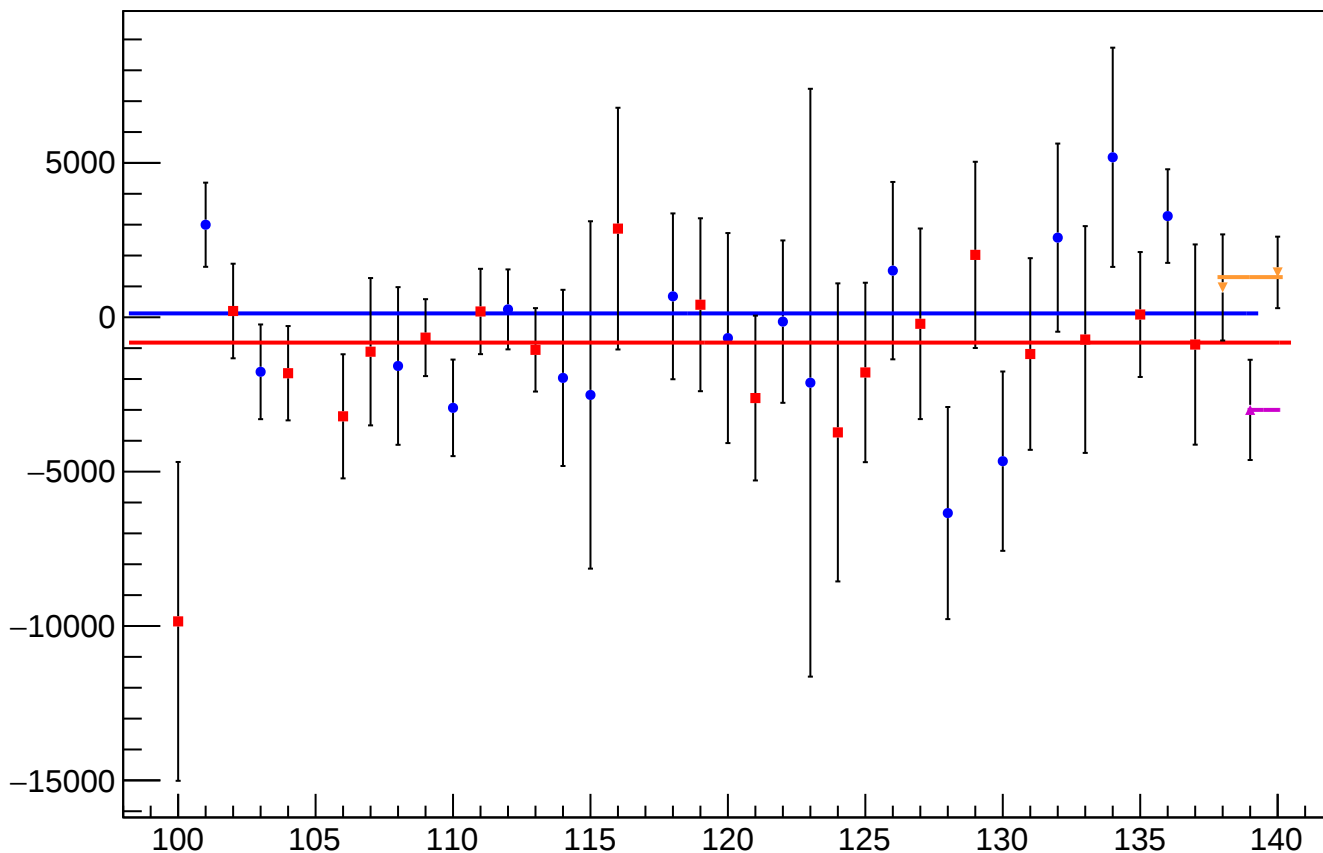
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1328.479+/-0.358 χ^2/NDF : 1130043.4/17

Out: 1217.313+/-0.307 χ^2/NDF : 1461583.5/20

All: 1264.381+/-0.233 χ^2/NDF : 2647141.6/38

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1301.182 $\pm$ 960.368 χ^2 /NDF: 0.1/1

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -3000.057 $\pm$ 1623.445 χ^2 /NDF: 0.0/0

Left: 186.175 $\pm$ 826.570 χ^2 /NDF: 5.3/2

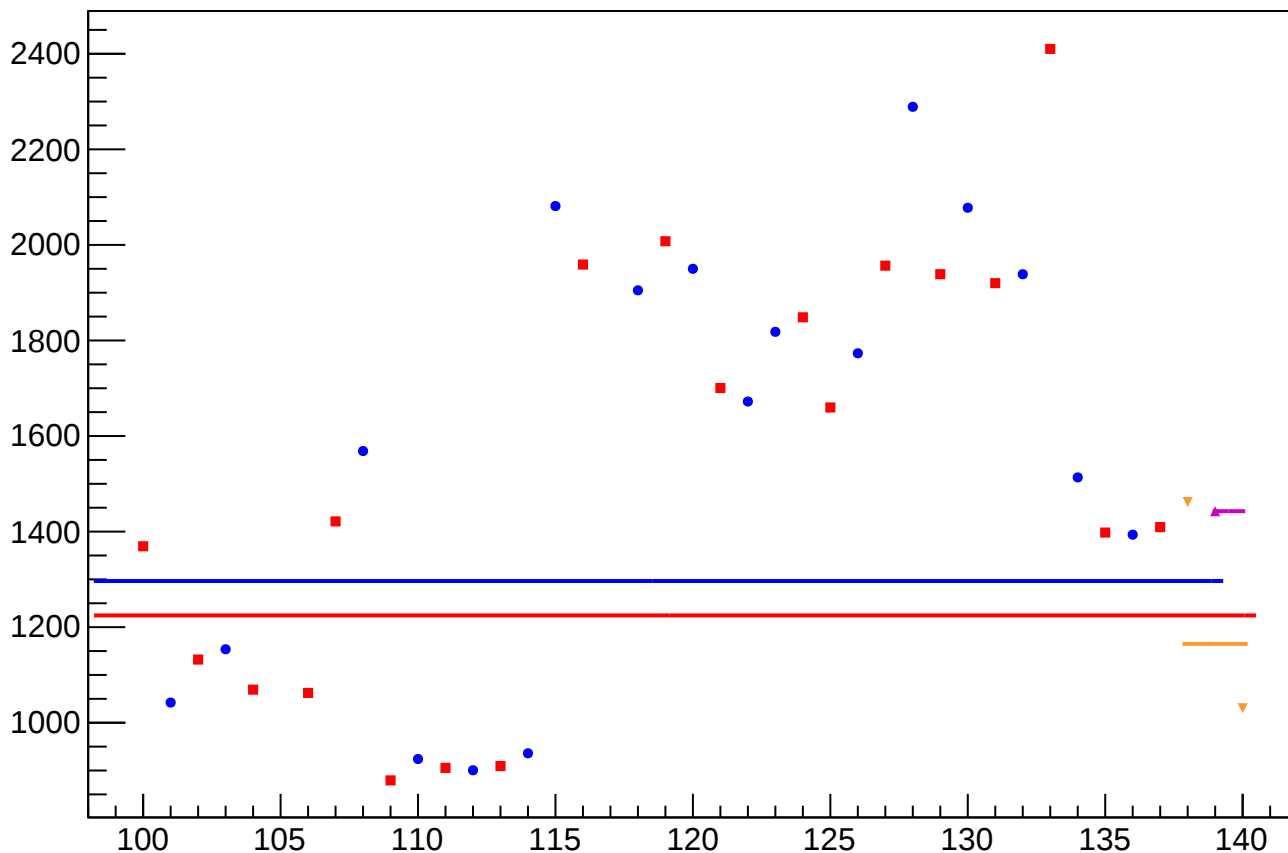
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -172.372 $\pm$ 501.080 χ^2 /NDF: 28.0/17

Out: -389.602 $\pm$ 432.683 χ^2 /NDF: 13.0/20

All: -296.814 $\pm$ 327.486 χ^2 /NDF: 41.1/38

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Left: 1236.974+/-0.584 χ^2/NDF : 130039.1/2

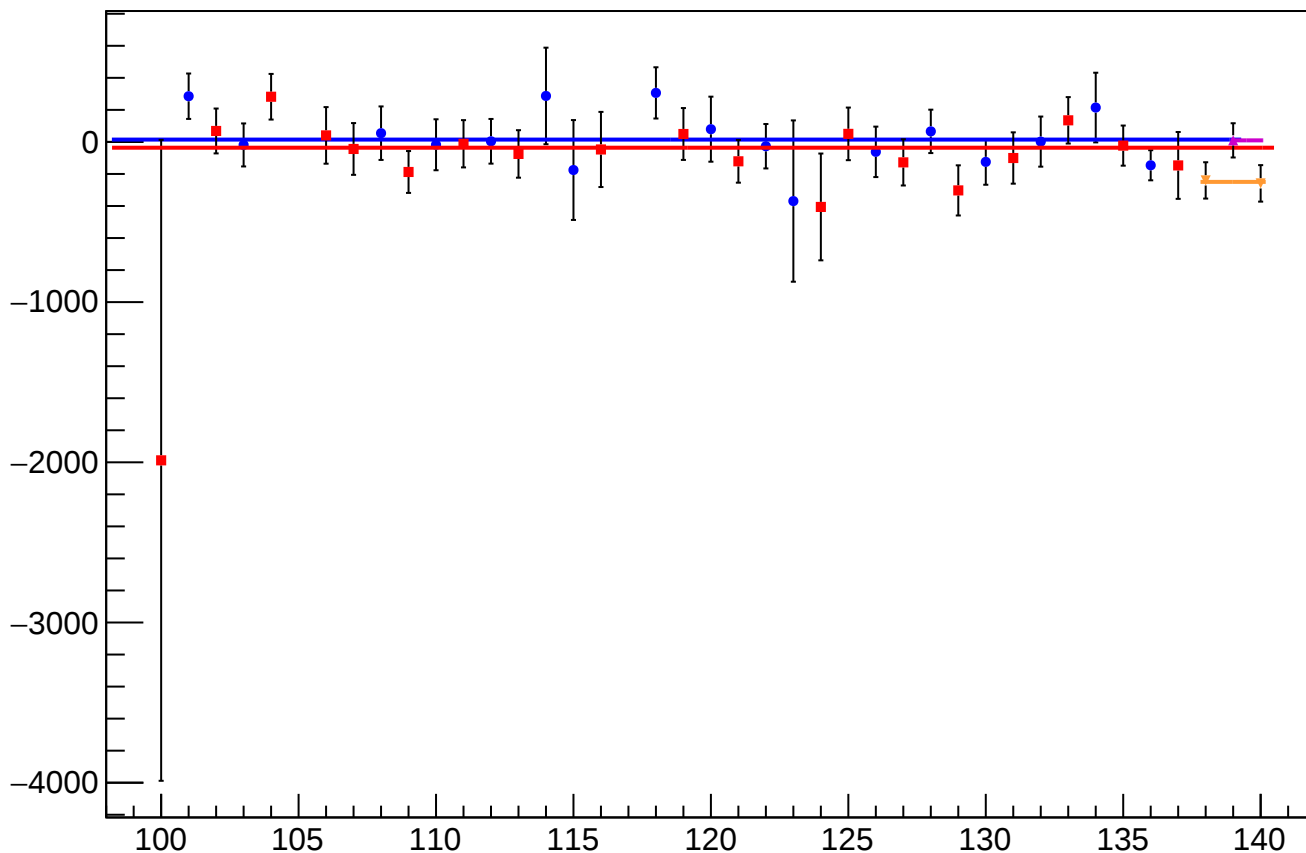
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1310.495+/-0.354 χ^2/NDF : 1190126.2/17

Out: 1212.467+/-0.306 χ^2/NDF : 1441090.9/20

All: 1254.339+/-0.232 χ^2/NDF : 2675066.4/38

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16

Left Out: -249.494 ± 80.364 χ^2/NDF : 0.0/1

Right Out: -36.133 ± 36.722 χ^2/NDF : 15.5/18

Left In: 9.705 ± 106.875 χ^2/NDF : 0.0/0

Left: -155.872 ± 64.231 χ^2/NDF : 3.8/2

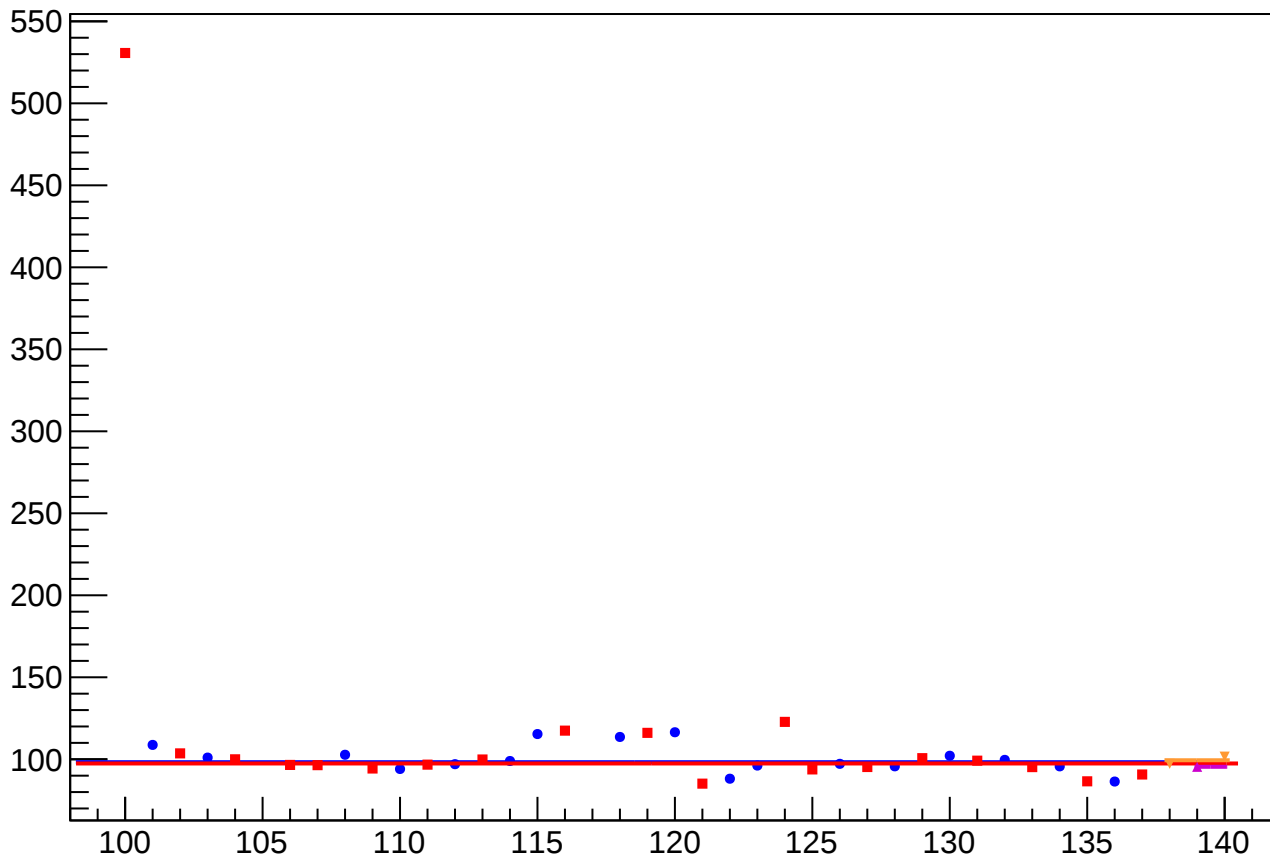
Right: -11.656 ± 26.412 χ^2/NDF : 30.6/35

In: 14.029 ± 35.818 χ^2/NDF : 14.2/17

Out: -72.986 ± 33.400 χ^2/NDF : 21.3/20

All: -32.515 ± 24.427 χ^2/NDF : 38.7/38

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 99.397+/-0.057 χ^2/NDF :1493.5/1

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 95.410+/-0.076 χ^2/NDF :0.0/0

Left: 97.957+/-0.045 χ^2/NDF : 3271.7/2

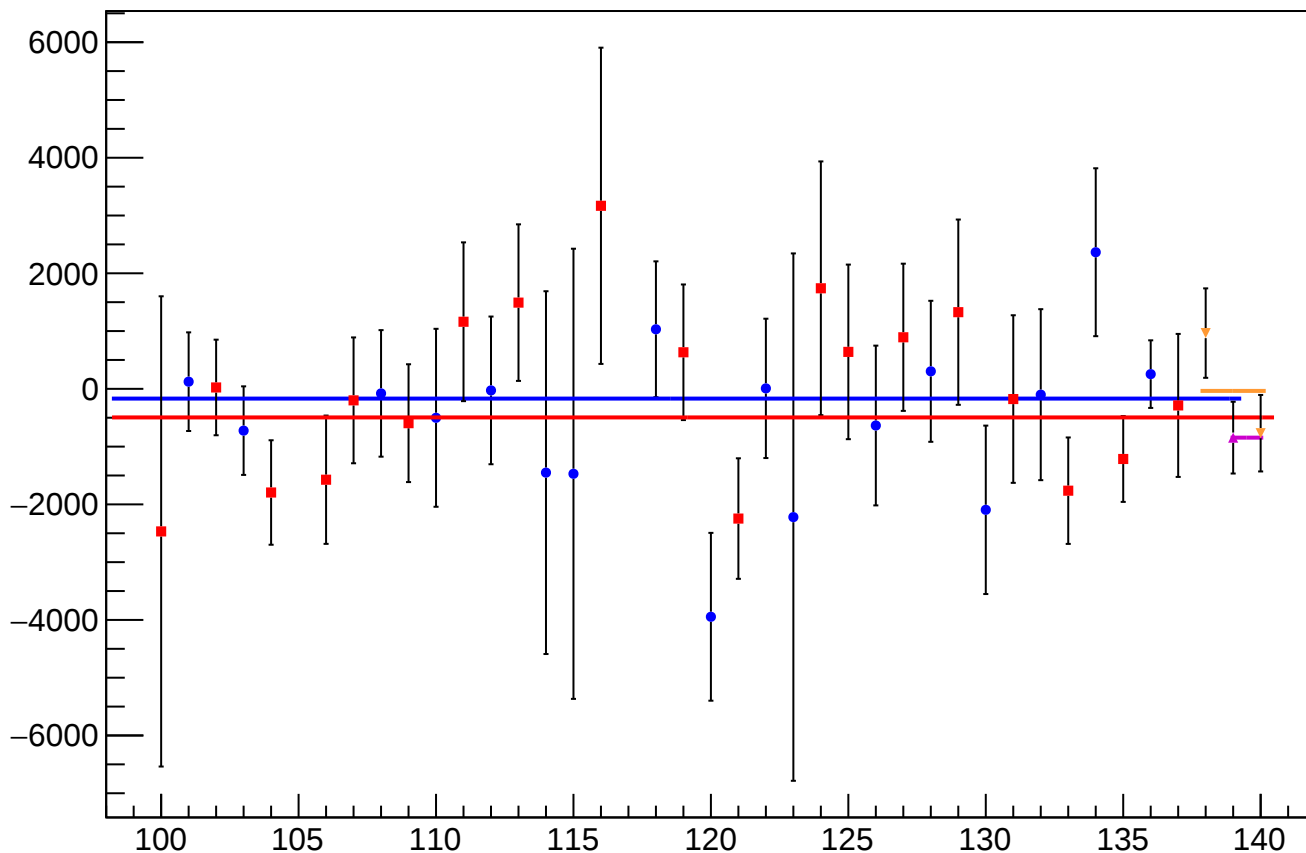
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 97.904+/-0.025 χ^2/NDF :101736.6/17

Out: 97.775+/-0.024 χ^2/NDF :192545.2/20

All: 97.835+/-0.017 χ^2/NDF : 294295.5/38

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: -35.818 $\pm$ 503.150 χ^2 /NDF:2.9/1

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -844.799 $\pm$ 621.108 χ^2 /NDF:0.0/0

Left: -356.354 $\pm$ 390.964 χ^2 /NDF: 3.9/2

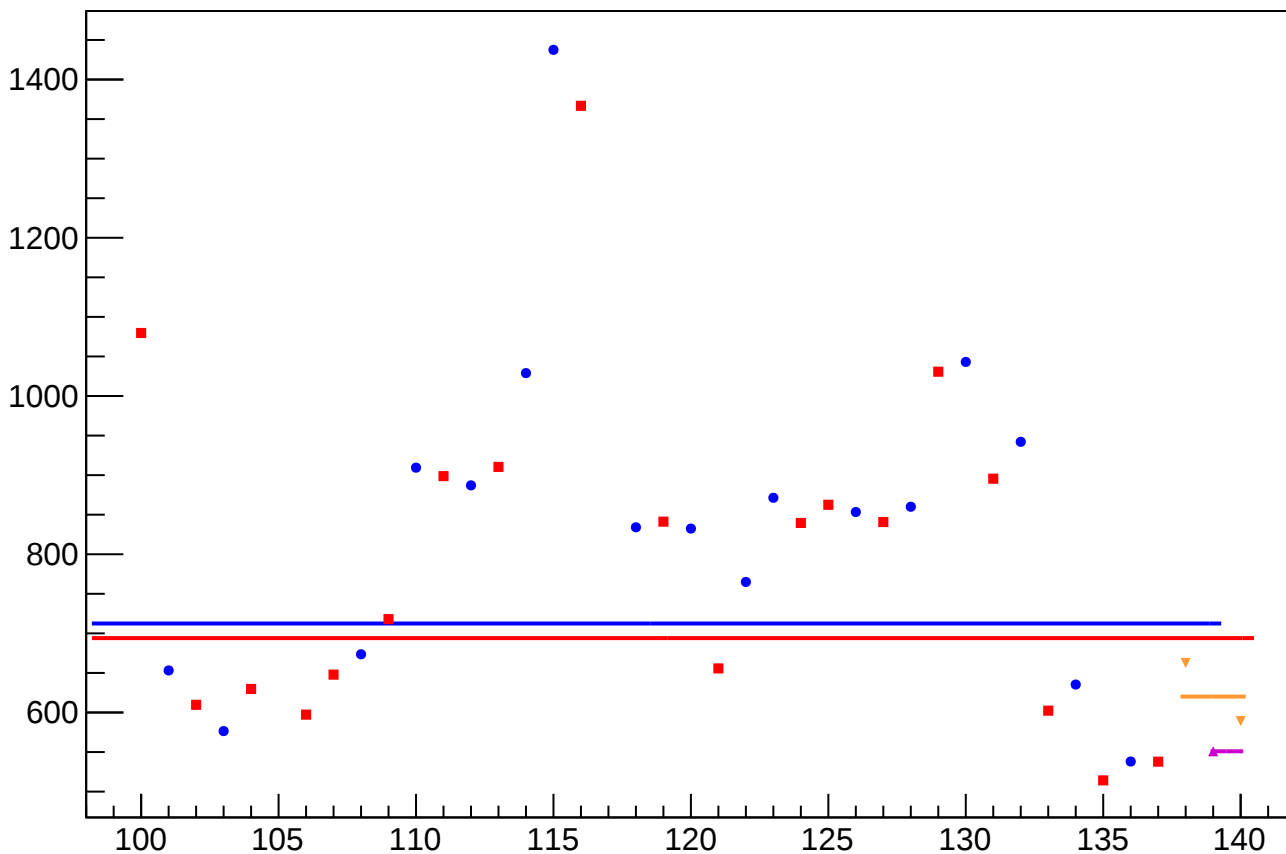
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -284.457 $\pm$ 256.908 χ^2 /NDF:15.6/17

Out: -393.751 $\pm$ 236.146 χ^2 /NDF:23.4/20

All: -343.698 $\pm$ 173.858 χ^2 /NDF: 39.0/38

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 620.144+/-0.356 χ^2/NDF :10401.5/1

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 550.960+/-0.439 χ^2/NDF :0.0/0

Left: 592.731+/-0.276 χ^2/NDF : 25384.0/2

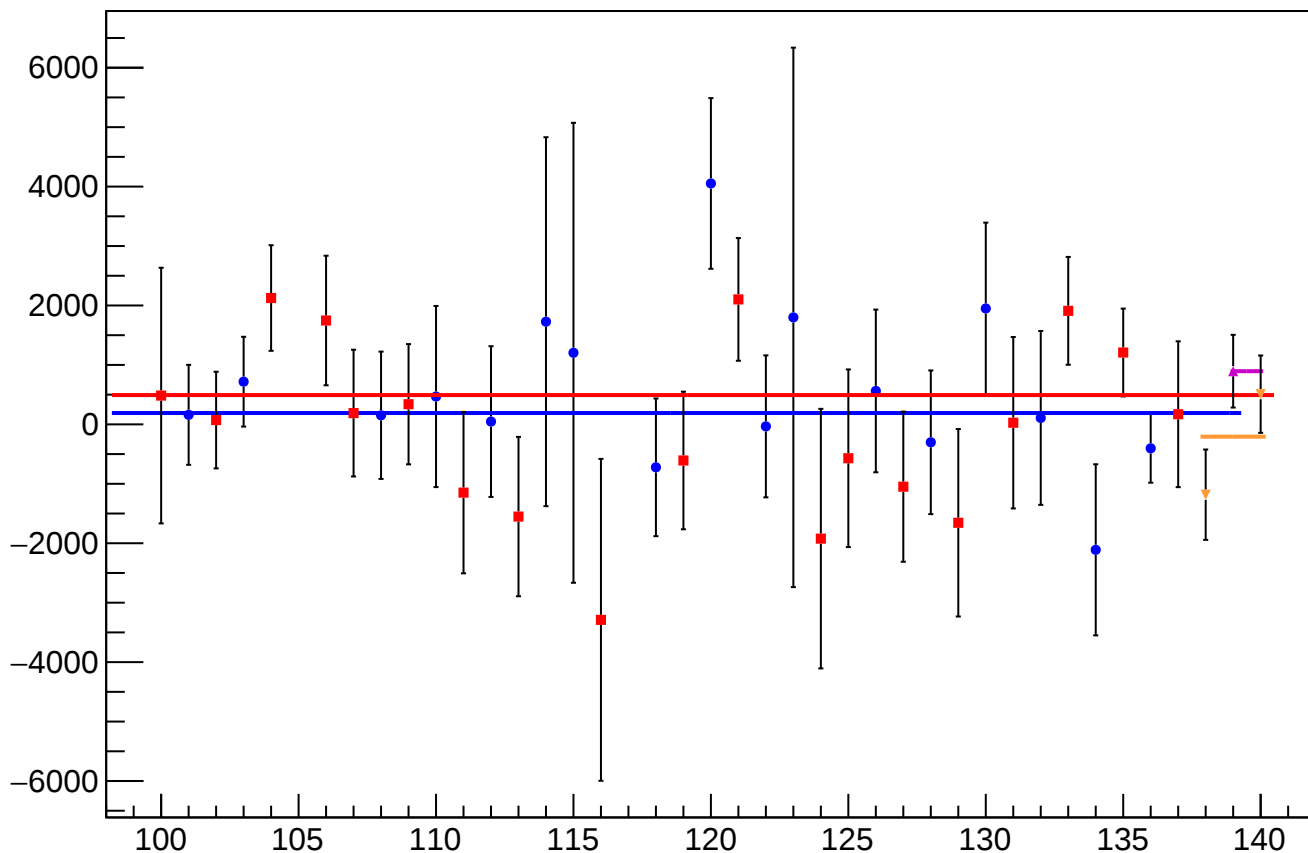
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 684.842+/-0.182 χ^2/NDF :772628.5/17

Out: 677.743+/-0.167 χ^2/NDF :719004.8/20

All: 680.994+/-0.123 χ^2/NDF : 1492461.2/38

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -207.157 $\pm$ 494.151 χ^2 /NDF:2.9/1

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 894.500 $\pm$ 611.763 χ^2 /NDF:0.0/0

Left: 227.822 $\pm$ 384.410 χ^2 /NDF: 4.8/2

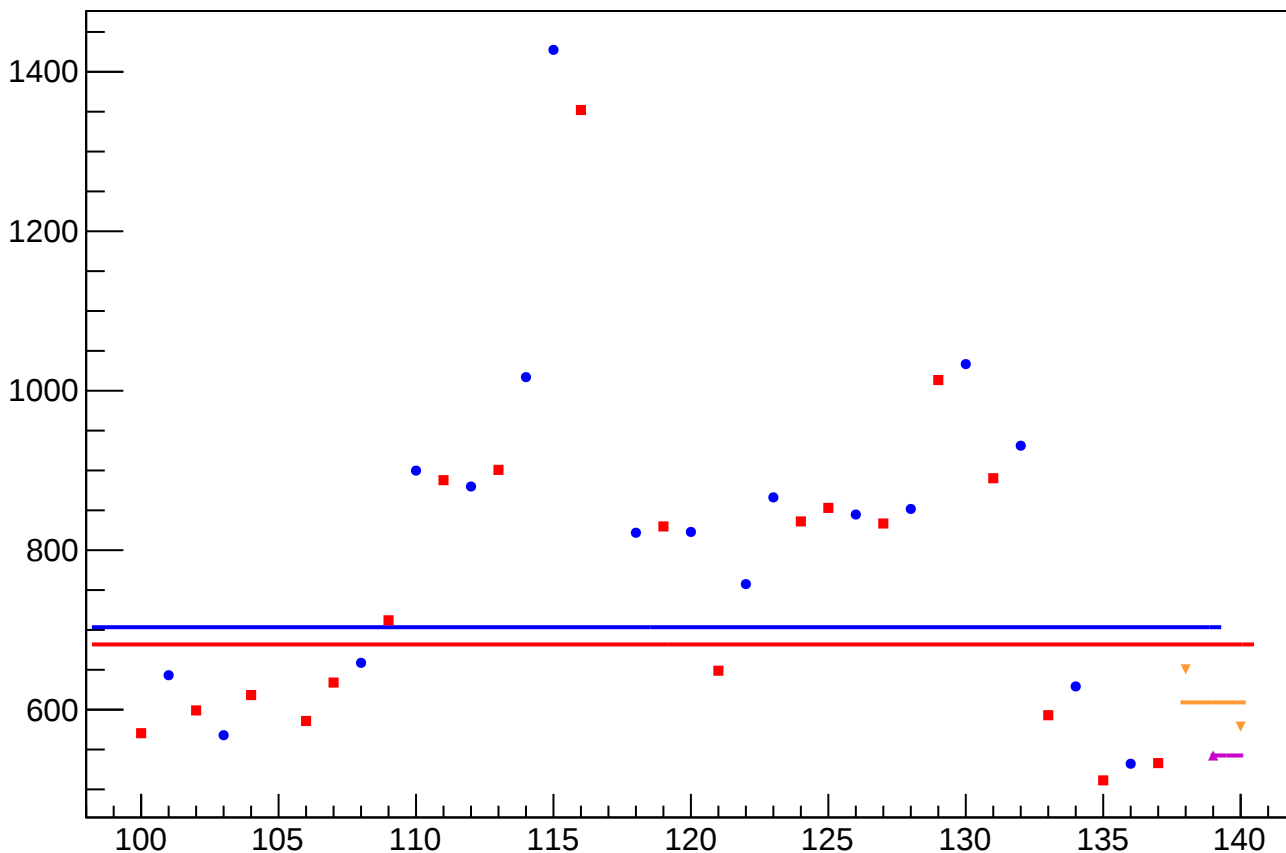
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 311.791 $\pm$ 253.599 χ^2 /NDF:15.3/17

Out: 338.506 $\pm$ 231.923 χ^2 /NDF:27.2/20

All: 326.338 $\pm$ 171.145 χ^2 /NDF: 42.5/38

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 609.091+/-0.349 χ^2/NDF :10314.1/1

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 542.513+/-0.433 χ^2/NDF :0.0/0

Left: 582.803+/-0.272 χ^2/NDF : 24648.6/2

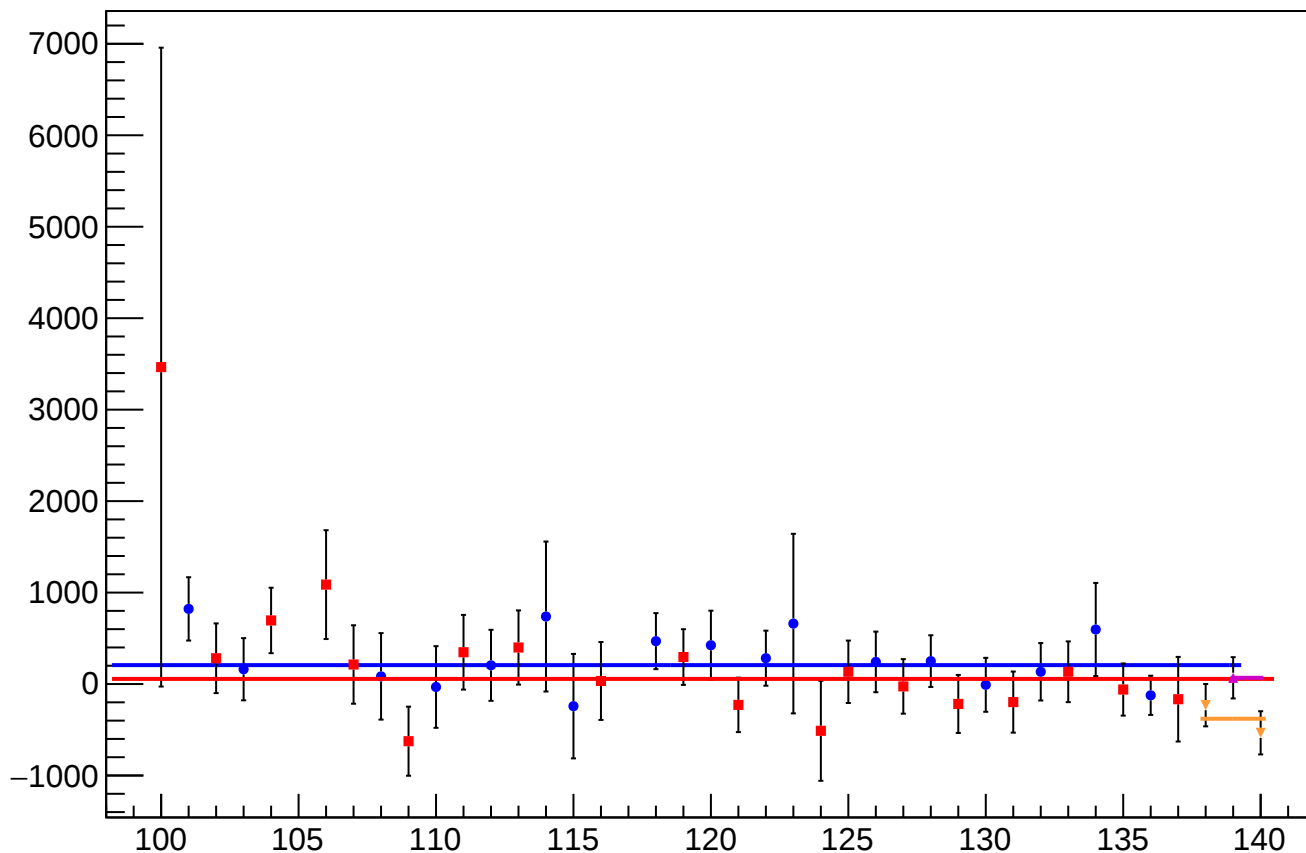
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 675.758+/-0.179 χ^2/NDF :781450.1/17

Out: 665.789+/-0.164 χ^2/NDF :708880.4/20

All: 670.329+/-0.121 χ^2/NDF : 1492013.5/38

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: -379.246 $\pm$ 165.382 χ^2 /NDF:0.8/1

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: 68.347 $\pm$ 225.592 χ^2 /NDF:0.0/0

Left: -222.782 $\pm$ 133.380 χ^2 /NDF: 3.4/2

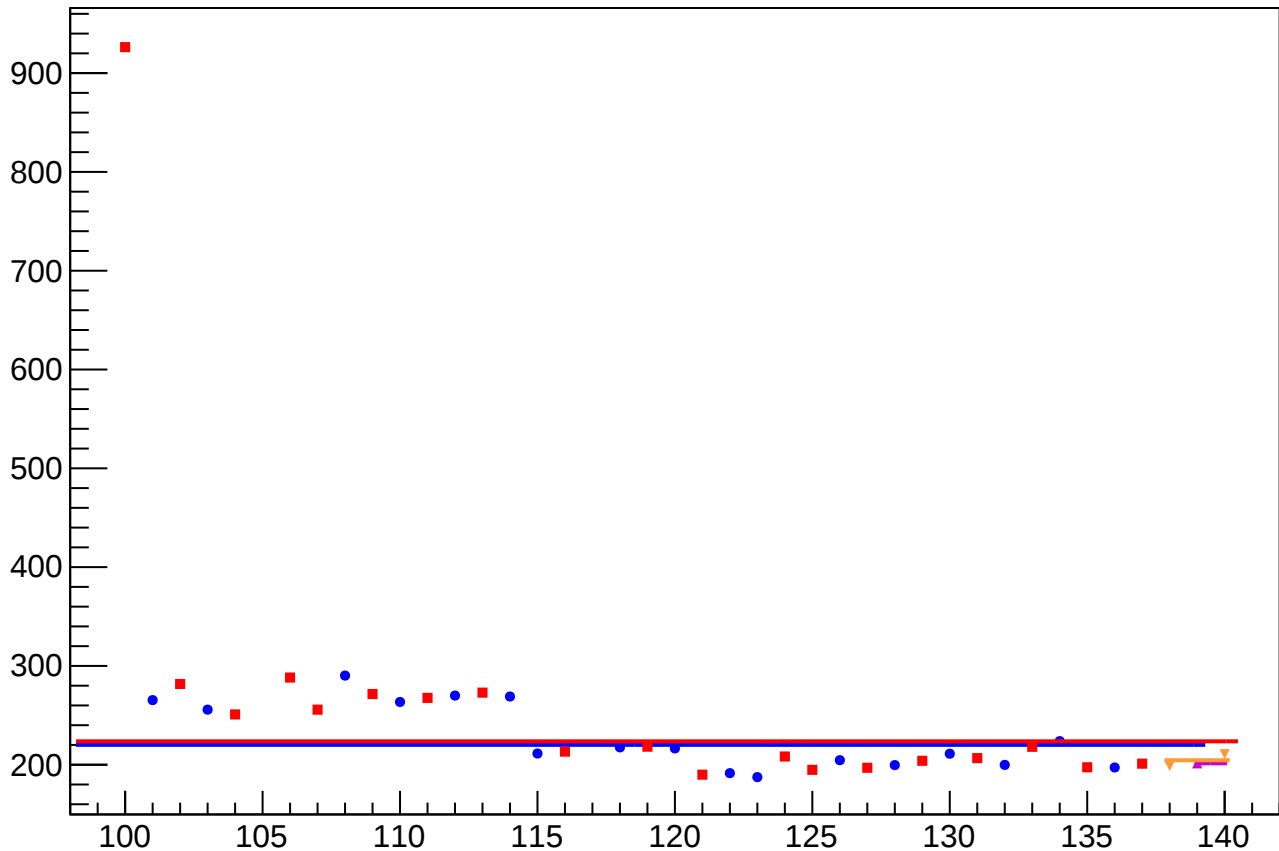
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: 189.428 $\pm$ 80.058 χ^2 /NDF:9.8/17

Out: -35.062 $\pm$ 75.717 χ^2 /NDF:22.9/20

All: 70.931 $\pm$ 55.011 χ^2 /NDF: 36.9/38

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: 204.528 $\pm$ 0.117 χ^2 /NDF: 2662.0/1

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 201.422 $\pm$ 0.160 χ^2 /NDF: 0.0/0

Left: 203.443 $\pm$ 0.094 χ^2 /NDF: 2908.5/2

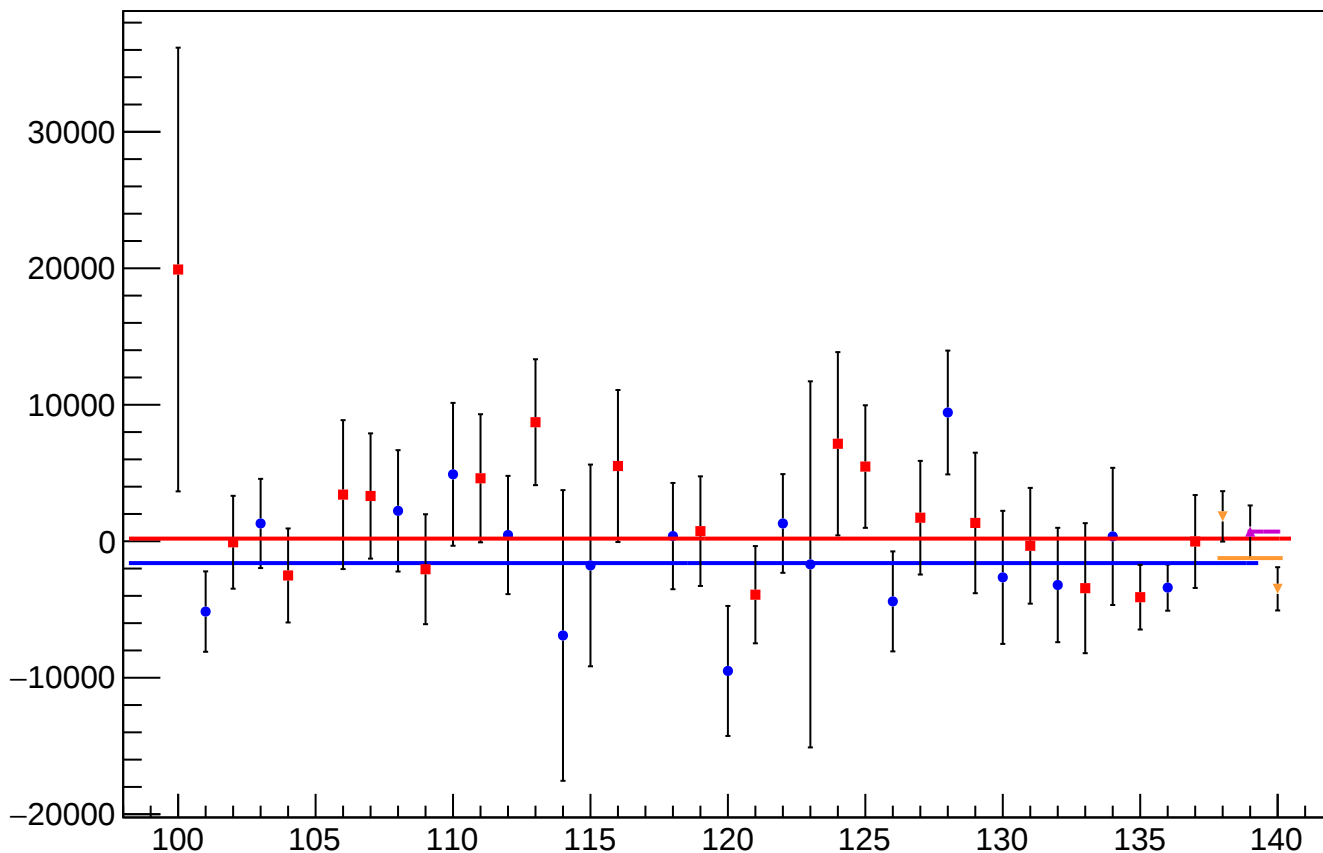
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 217.776 $\pm$ 0.057 χ^2 /NDF: 240468.9/17

Out: 219.686 $\pm$ 0.054 χ^2 /NDF: 377159.6/20

All: 218.784 $\pm$ 0.039 χ^2 /NDF: 618229.0/38

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1233.628 $\pm$ 1202.448 χ^2 /NDF: 4.8/1

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: 708.003 $\pm$ 1916.264 χ^2 /NDF: 0.0/0

Left: -685.094 $\pm$ 1018.530 χ^2 /NDF: 5.5/2

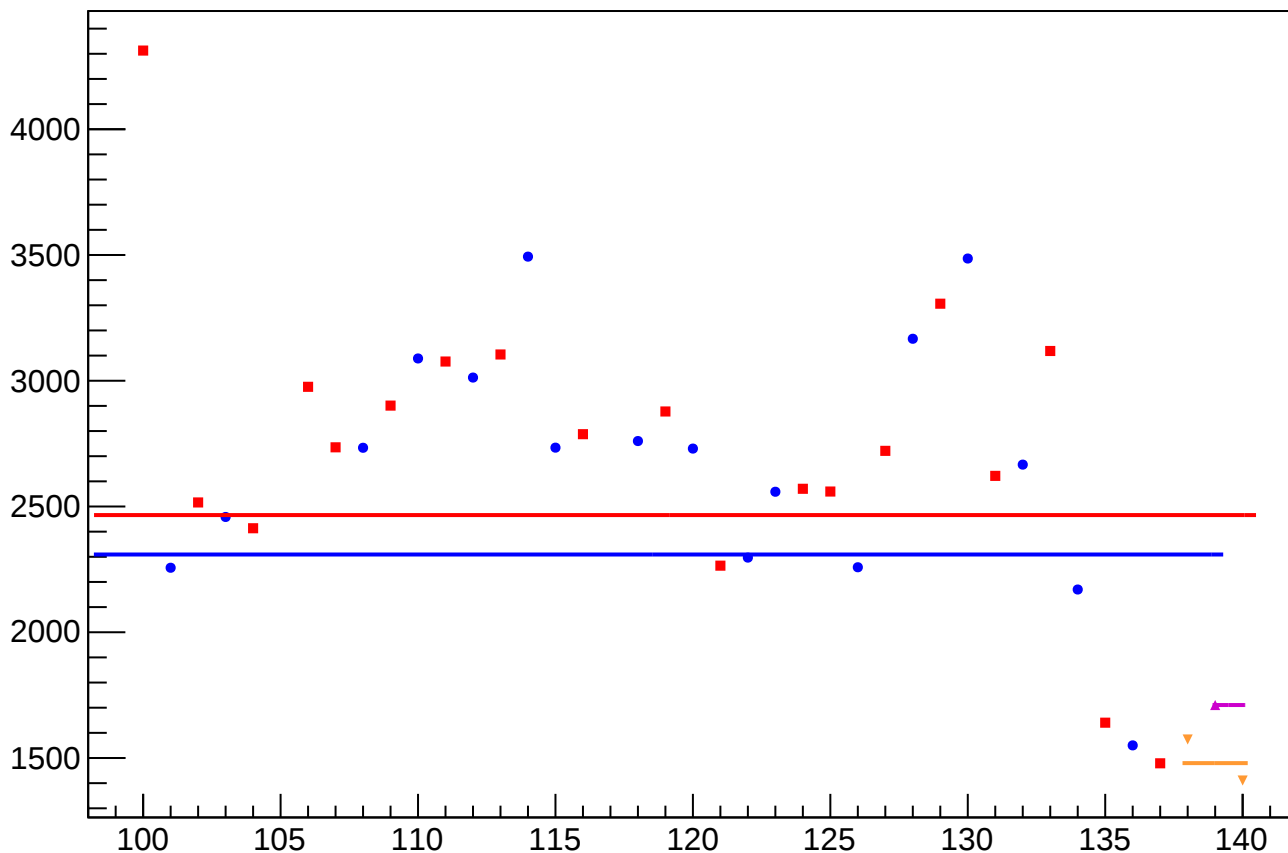
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1166.093 $\pm$ 830.132 χ^2 /NDF: 17.8/17

Out: -352.256 $\pm$ 744.209 χ^2 /NDF: 21.9/20

All: -714.889 $\pm$ 554.131 χ^2 /NDF: 40.3/38

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1479.678 $\pm$ 0.850 χ^2 /NDF: 8989.8/1

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1710.644 $\pm$ 1.355 χ^2 /NDF: 0.0/0

Left: 1544.929 $\pm$ 0.720 χ^2 /NDF: 29836.0/2

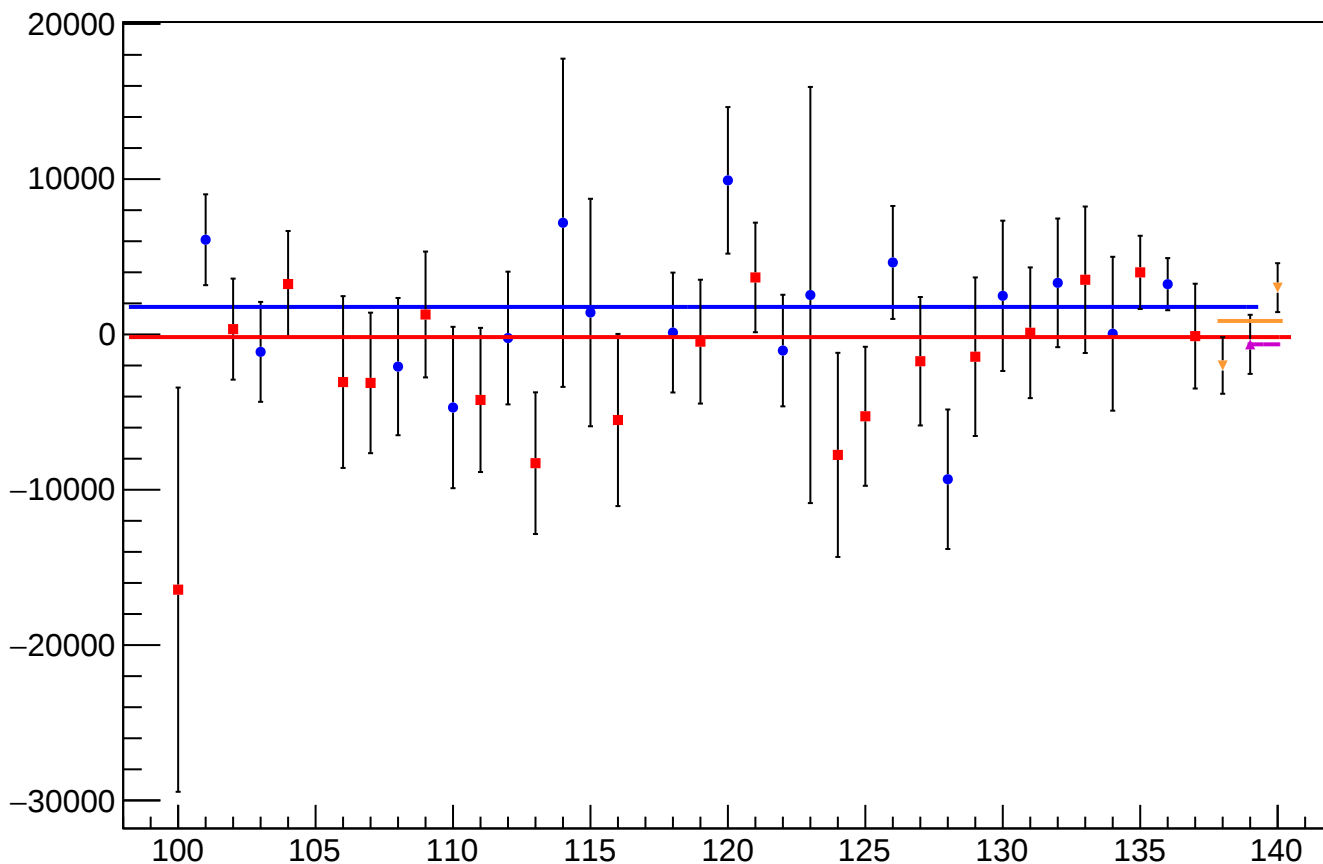
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 2196.816 $\pm$ 0.587 χ^2 /NDF: 959205.0/17

Out: 2088.126 $\pm$ 0.526 χ^2 /NDF: 1533108.6/20

All: 2136.557 $\pm$ 0.392 χ^2 /NDF: 2511322.2/38

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Left: 443.474+/-1009.471 χ^2/NDF : 4.8/2

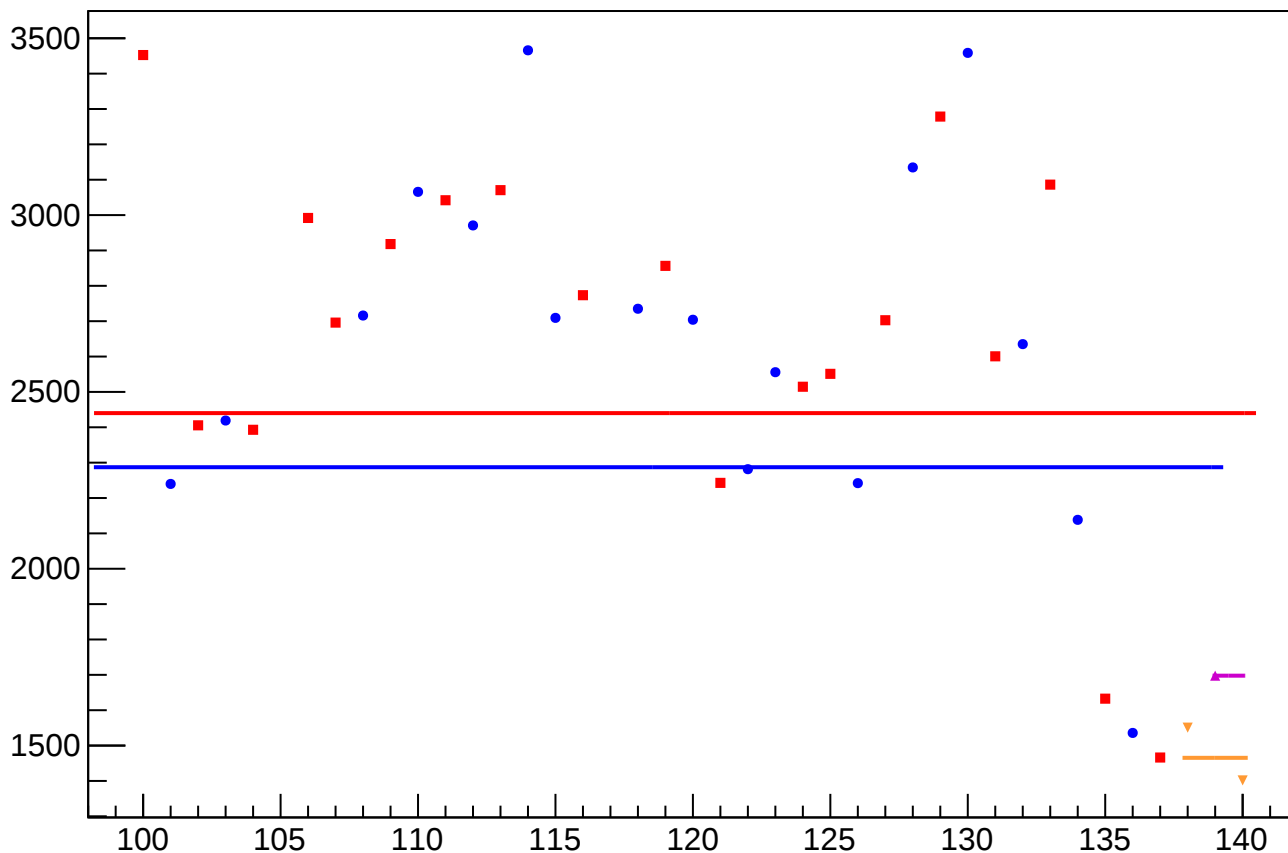
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1320.598+/-822.572 χ^2/NDF : 18.6/17

Out: 226.298+/-736.645 χ^2/NDF : 20.8/20

All: 713.325+/-548.760 χ^2/NDF : 40.5/38

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1465.357+/-0.842 χ^2/NDF : 7681.3/1

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Left: 1530.809+/-0.714 χ^2/NDF : 29114.2/2

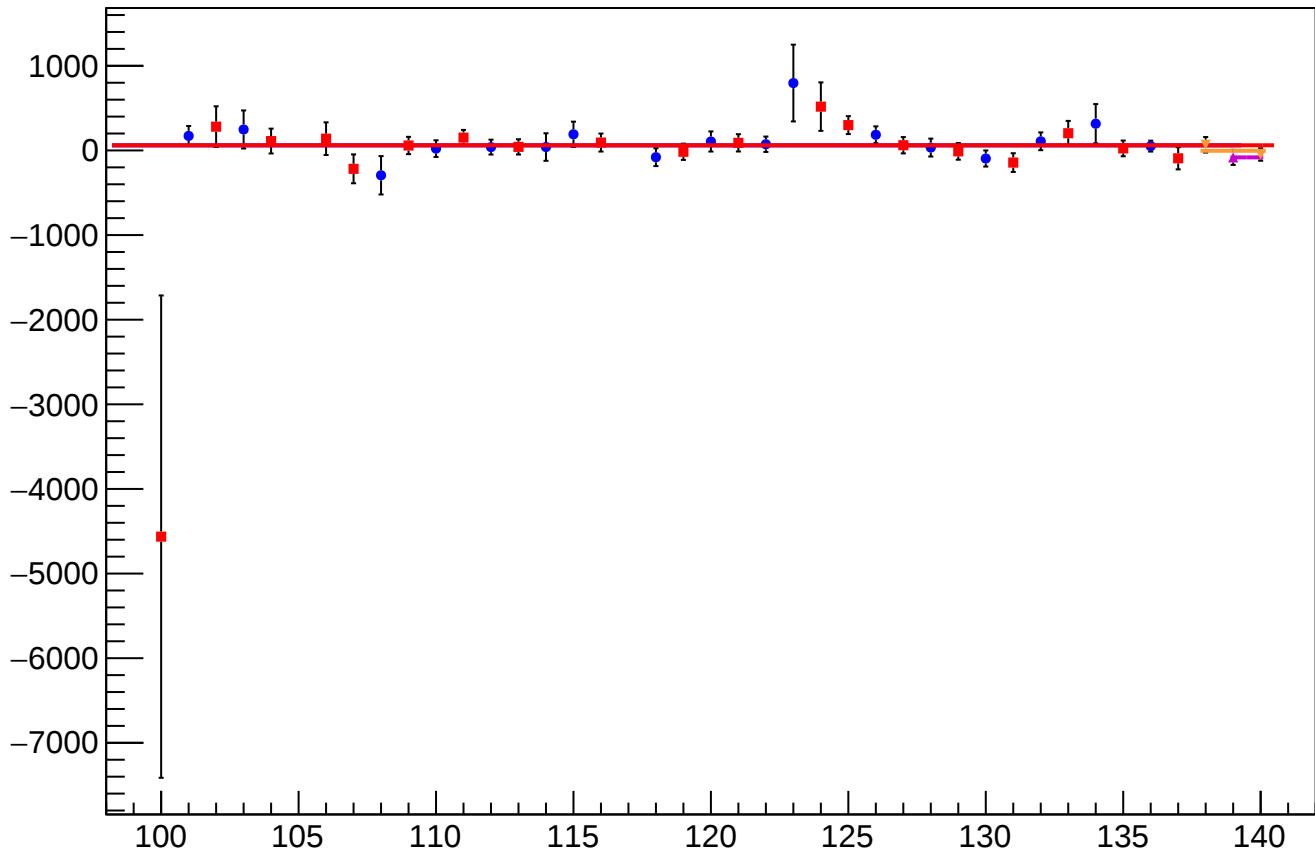
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 2176.826+/-0.582 χ^2/NDF : 955588.5/17

Out: 2067.268+/-0.521 χ^2/NDF : 1513819.4/20

All: 2116.027+/-0.388 χ^2/NDF : 2489096.9/38

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -4.085+/-57.070 χ^2/NDF : 1.0/1

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -82.002+/-89.235 χ^2/NDF : 0.0/0

Left: -26.703+/-48.078 χ^2/NDF : 1.5/2

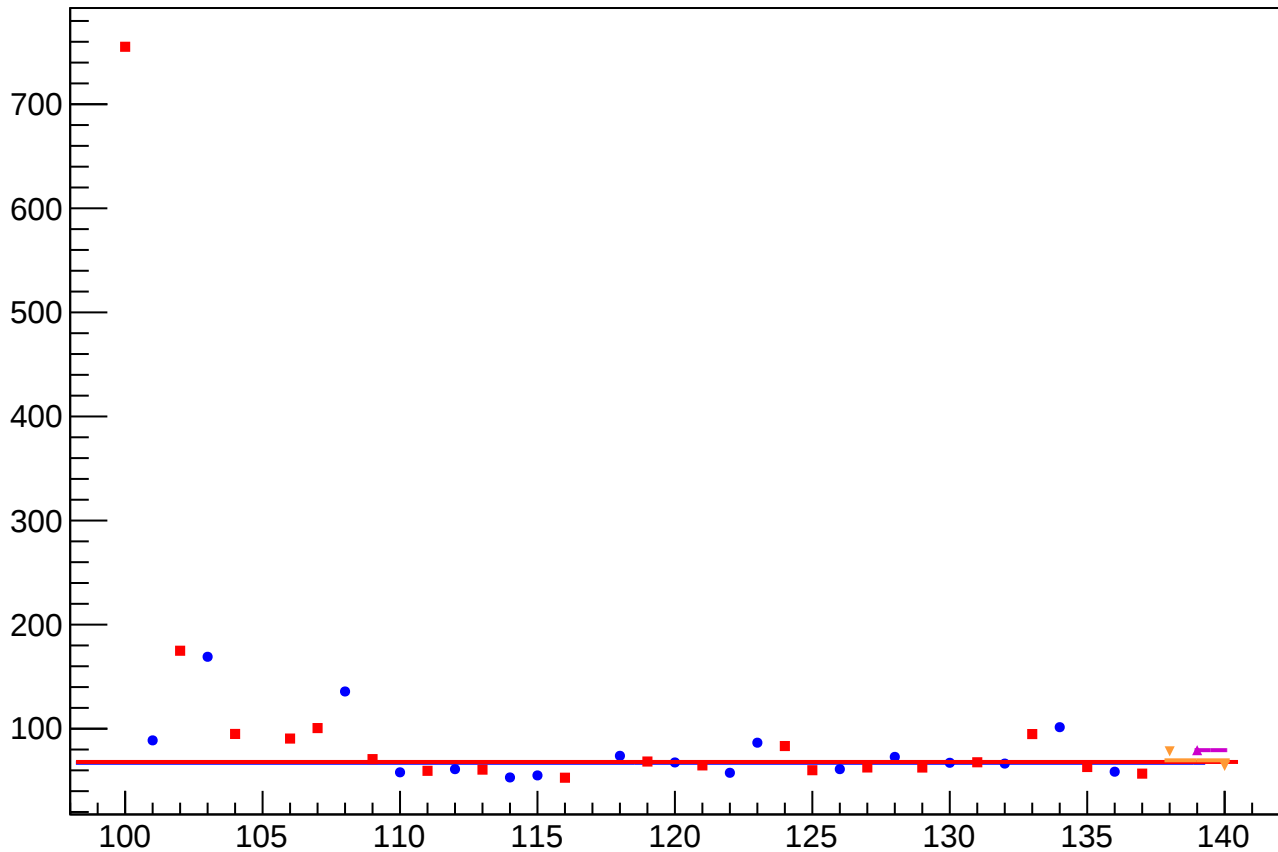
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 47.711+/-25.913 χ^2/NDF : 17.6/17

Out: 49.076+/-24.413 χ^2/NDF : 24.4/20

All: 48.434+/-17.769 χ^2/NDF : 42.0/38

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: 69.623 $\pm$ 0.040 χ^2 /NDF: 28761.3/1

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 79.390 $\pm$ 0.063 χ^2 /NDF: 0.0/0

Left: 72.458 $\pm$ 0.034 χ^2 /NDF: 45767.5/2

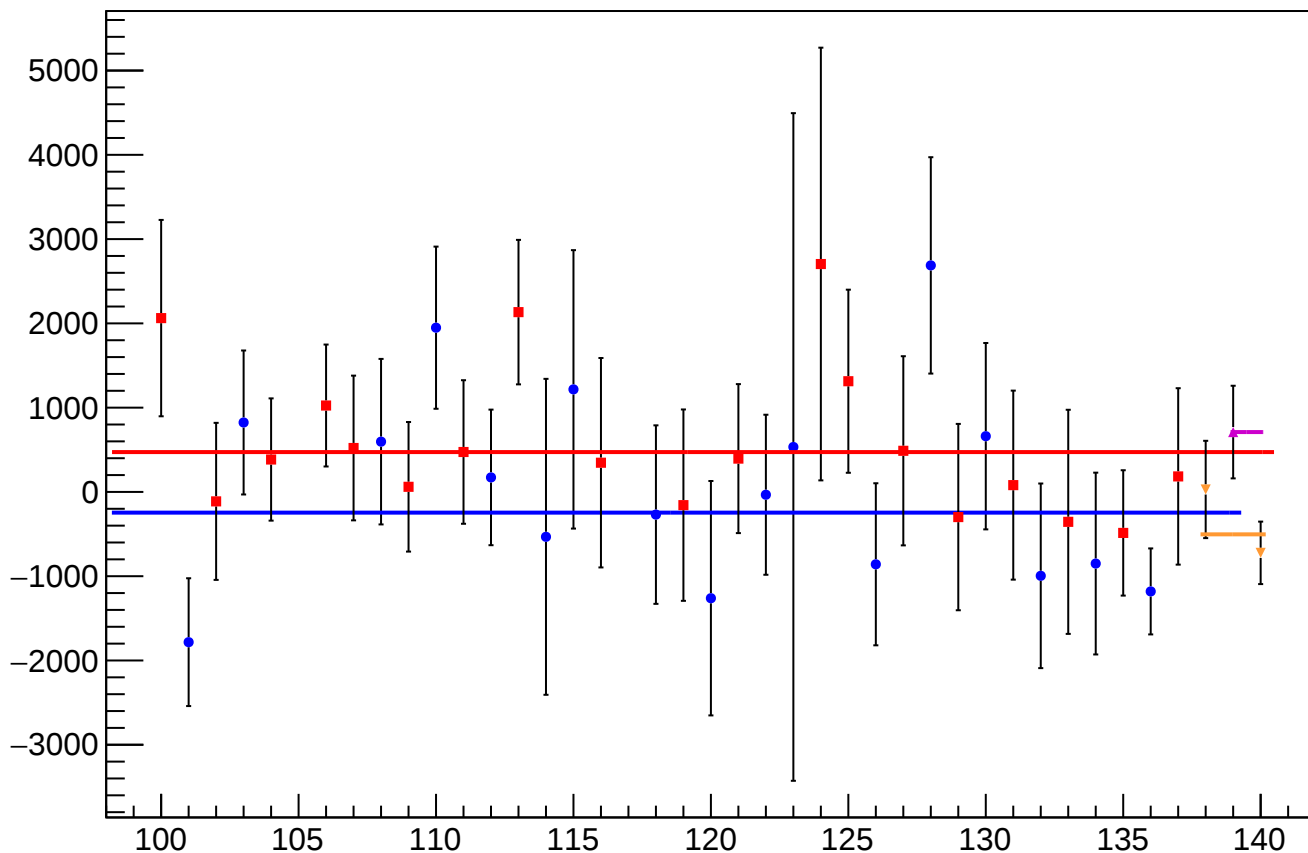
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 68.317 $\pm$ 0.018 χ^2 /NDF: 874988.3/17

Out: 68.346 $\pm$ 0.017 χ^2 /NDF: 900603.5/20

All: 68.332 $\pm$ 0.013 χ^2 /NDF: 1775593.1/38

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -503.335+/-311.893 χ^2/NDF : 1.2/1

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 710.296+/-549.624 χ^2/NDF : 0.0/0

Left: -207.719+/-271.261 χ^2/NDF : 4.9/2

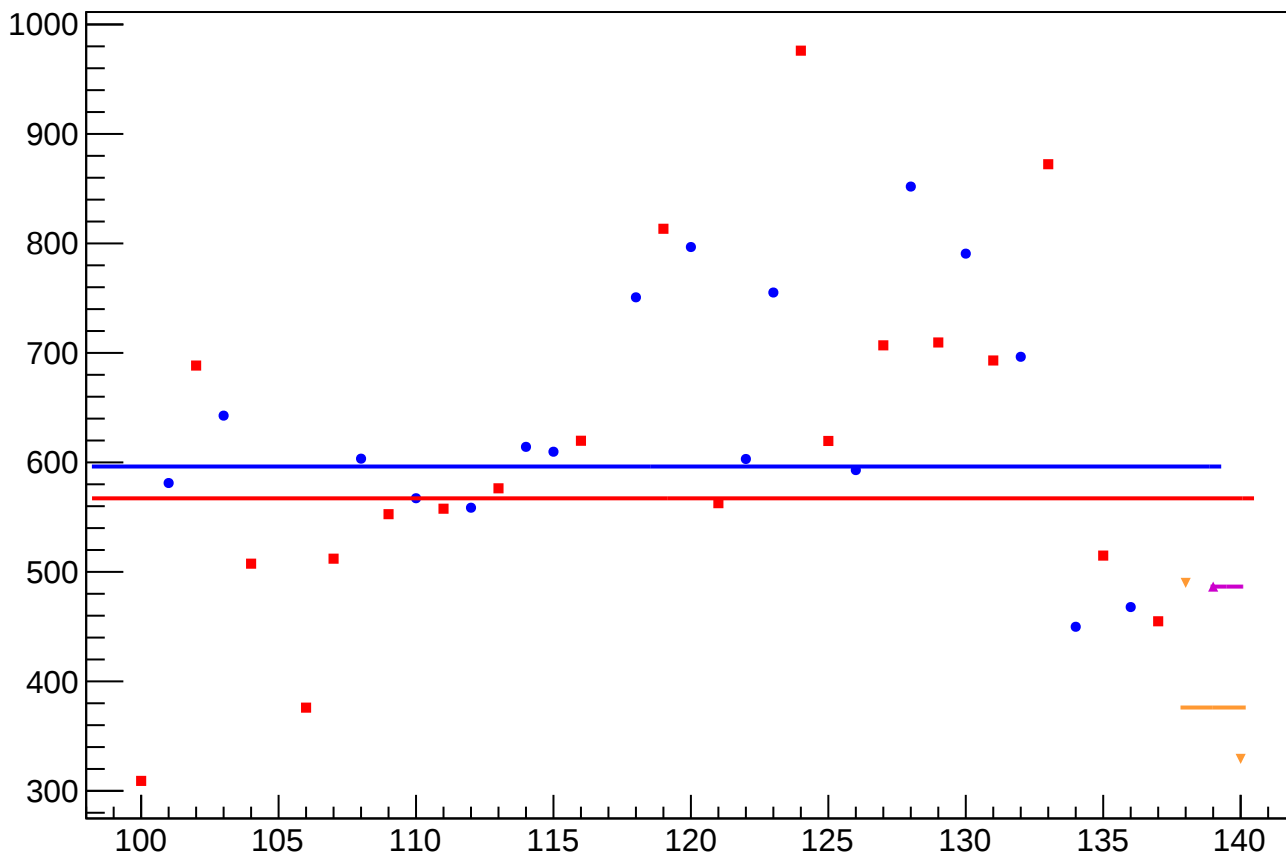
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: -97.456+/-216.392 χ^2/NDF : 26.3/17

Out: 150.846+/-179.132 χ^2/NDF : 19.1/20

All: 49.880+/-137.987 χ^2/NDF : 46.2/38

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 376.124+/-0.221 χ^2/NDF : 109802.7/1

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 486.567+/-0.389 χ^2/NDF : 0.0/0

Left: 403.026+/-0.192 χ^2/NDF : 170888.4/2

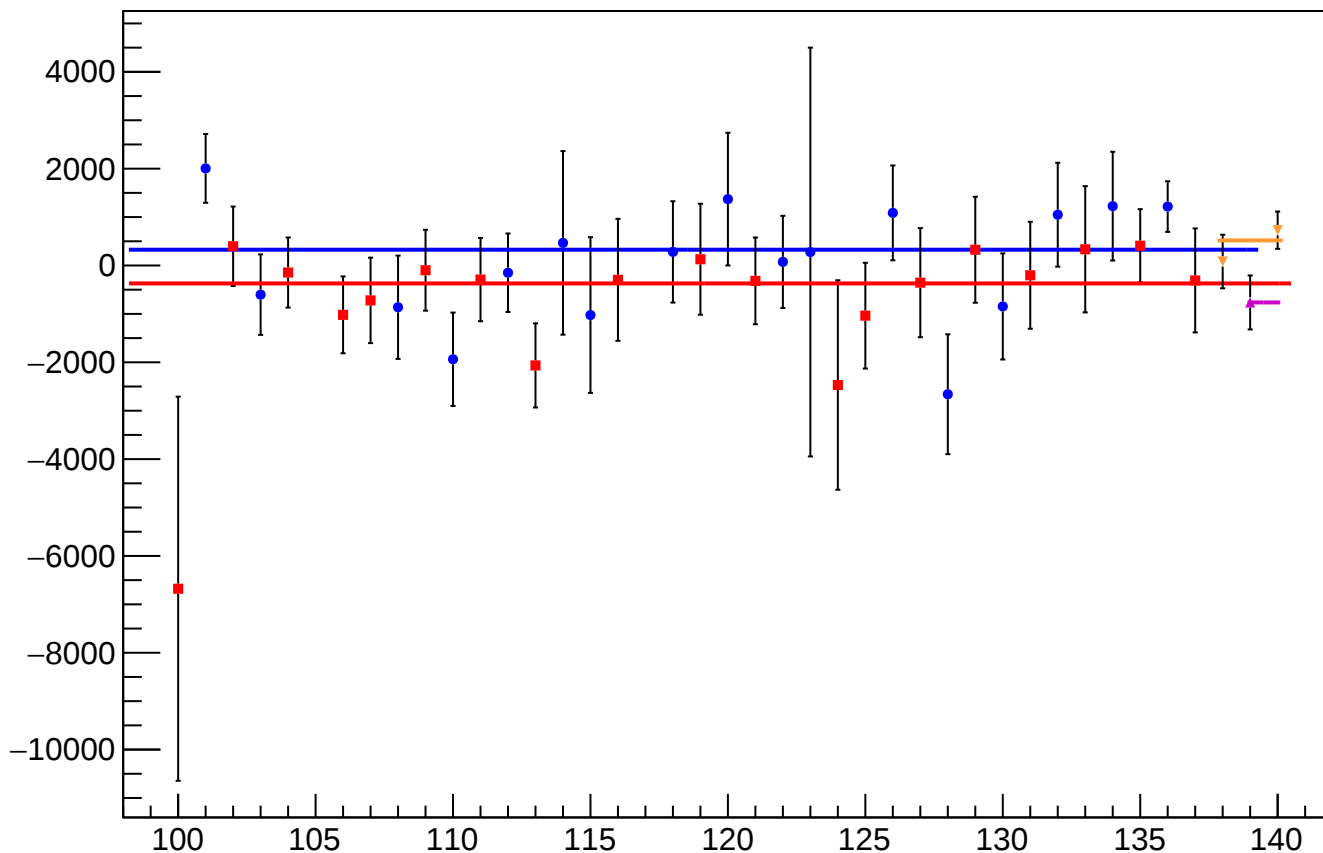
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 579.245+/-0.153 χ^2/NDF : 489450.3/17

Out: 504.155+/-0.127 χ^2/NDF : 1288102.1/20

All: 534.688+/-0.098 χ^2/NDF : 1920455.7/38

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 517.905+/-316.391 χ^2/NDF :0.9/1

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -763.420+/-557.762 χ^2/NDF :0.0/0

Left: 205.977+/-275.198 χ^2/NDF : 4.9/2

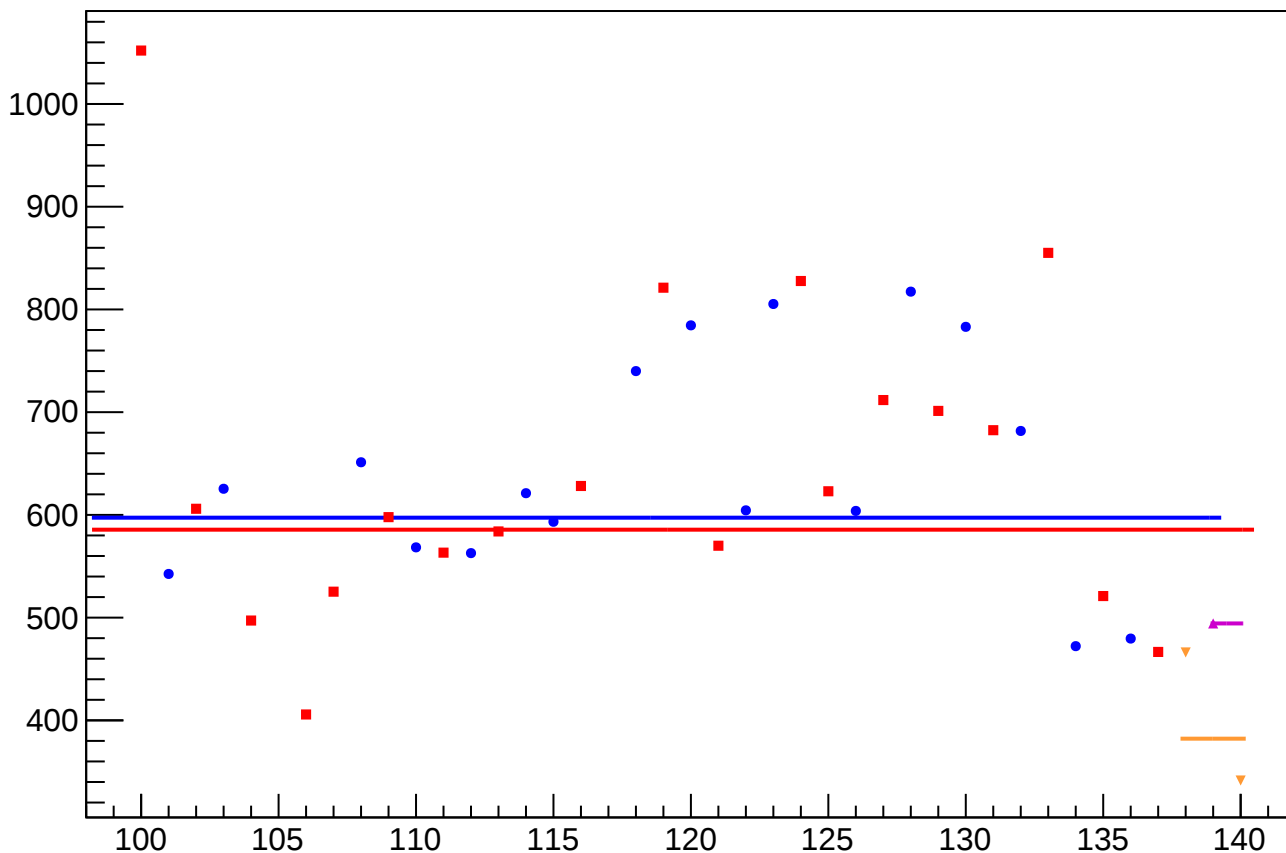
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: 161.118+/-217.032 χ^2/NDF :30.1/17

Out: -72.449+/-183.304 χ^2/NDF :17.7/20

All: 24.795+/-140.039 χ^2/NDF : 48.5/38

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 382.177 $\pm$ 0.224 χ^2 /NDF: 68316.4/1

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 494.341 $\pm$ 0.394 χ^2 /NDF: 0.0/0

Left: 409.482 $\pm$ 0.195 χ^2 /NDF: 129506.4/2

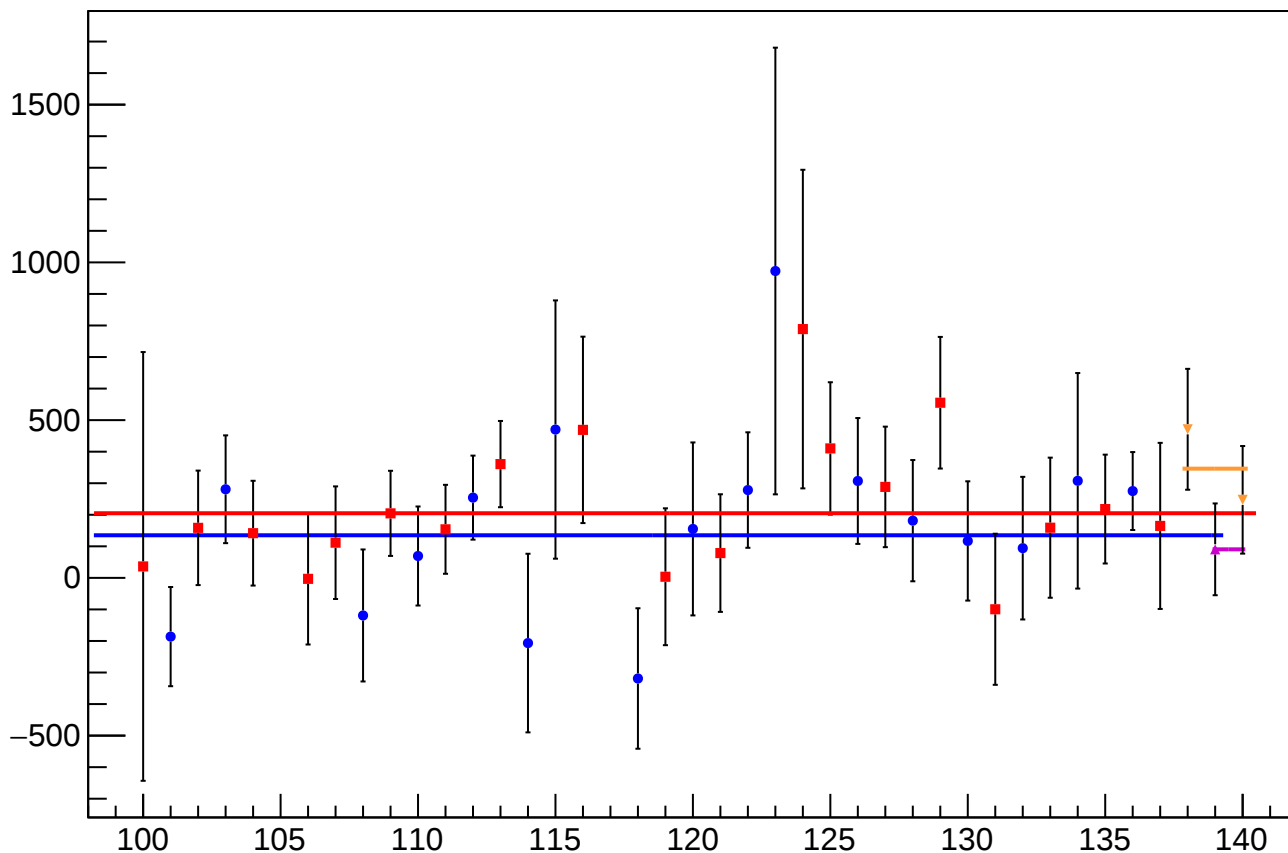
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 581.709 $\pm$ 0.153 χ^2 /NDF: 421487.5/17

Out: 517.330 $\pm$ 0.130 χ^2 /NDF: 1092266.1/20

All: 544.134 $\pm$ 0.099 χ^2 /NDF: 1616467.8/38

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: 346.199 $\pm$ 127.373 χ^2 /NDF:0.8/1

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 90.473 $\pm$ 145.476 χ^2 /NDF:0.0/0

Left: 235.228 $\pm$ 95.831 χ^2 /NDF: 2.5/2

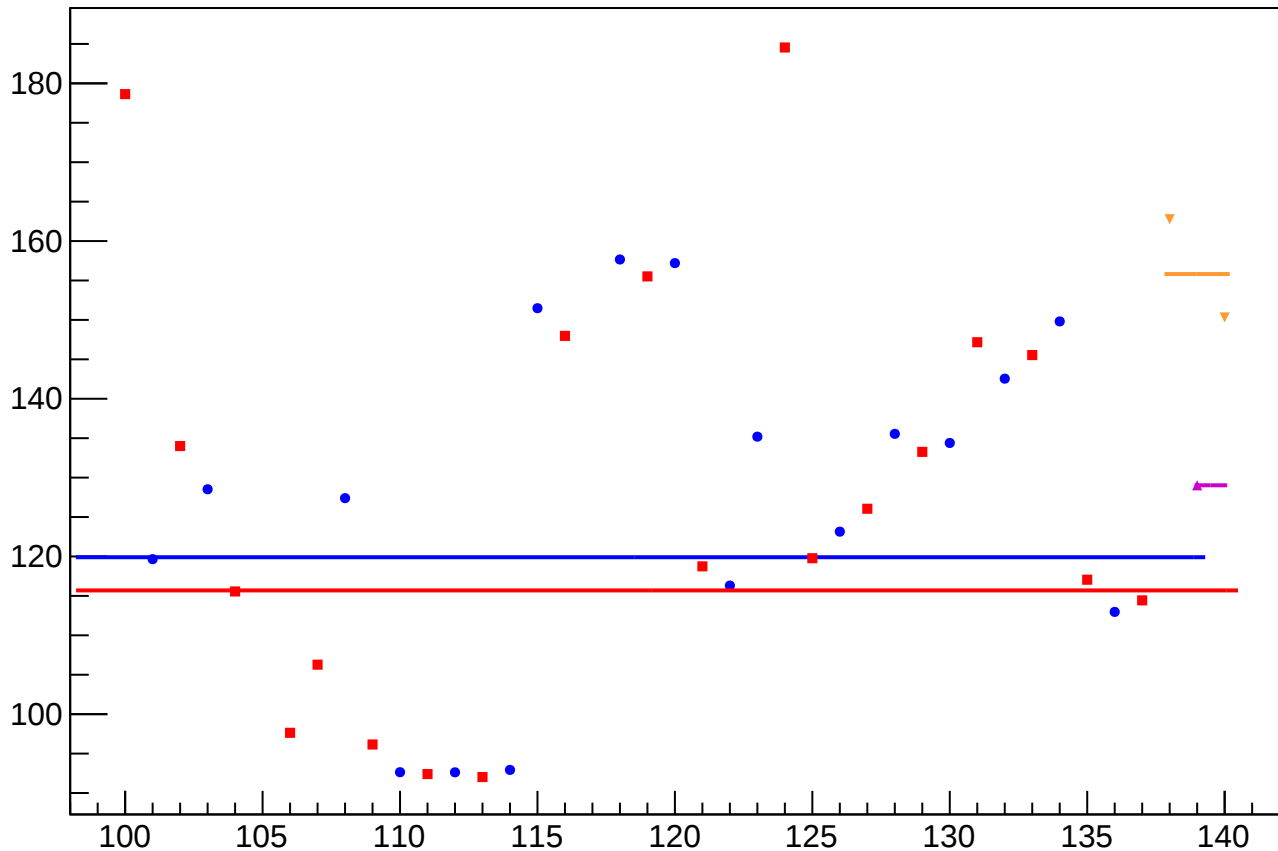
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 130.814 $\pm$ 44.745 χ^2 /NDF:18.1/17

Out: 220.203 $\pm$ 41.960 χ^2 /NDF:13.9/20

All: 178.377 $\pm$ 30.607 χ^2 /NDF: 34.2/38

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: 155.815 $\pm$ 0.090 χ^2 /NDF: 4718.0/1

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 129.026 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Left: 144.190 $\pm$ 0.068 χ^2 /NDF: 43109.8/2

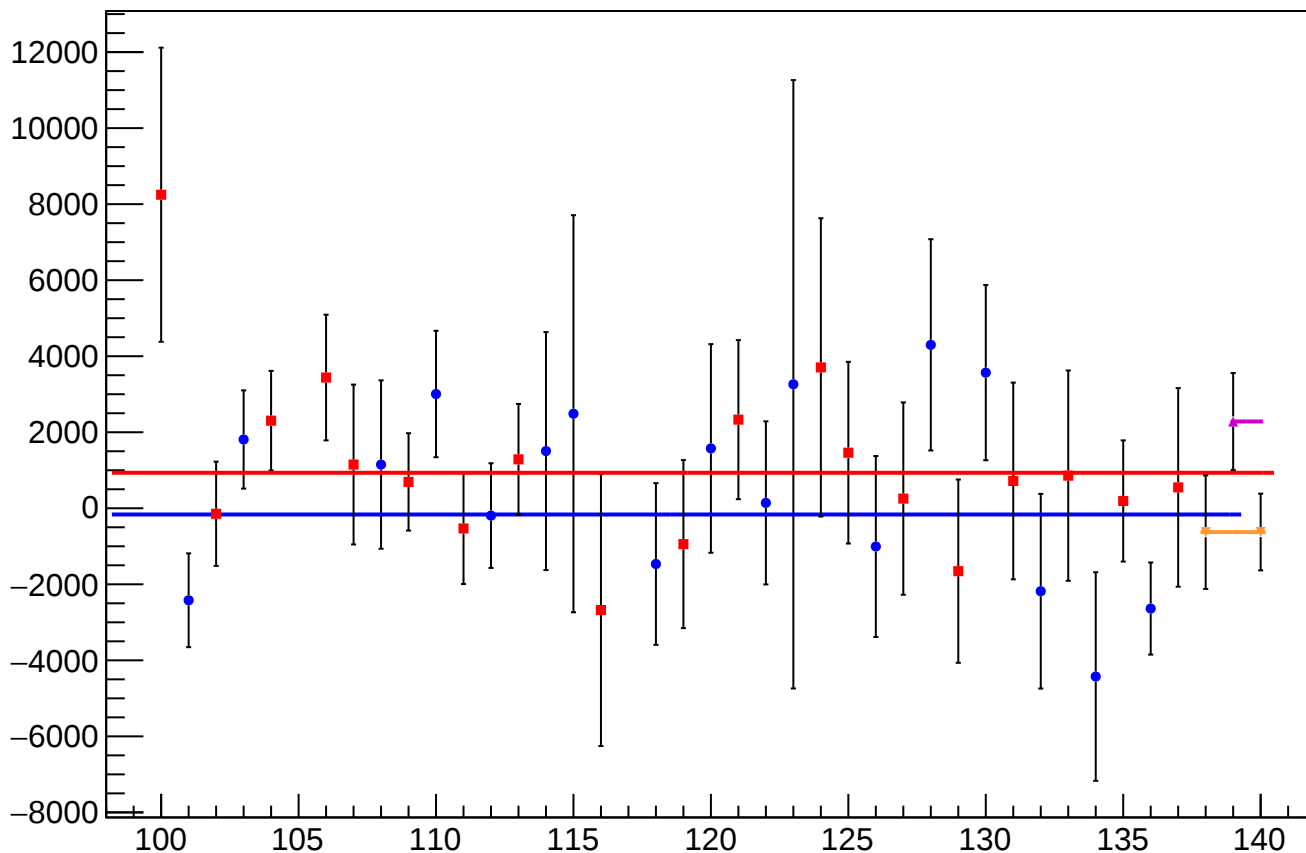
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 120.766 $\pm$ 0.032 χ^2 /NDF: 352630.9/17

Out: 120.047 $\pm$ 0.030 χ^2 /NDF: 616970.3/20

All: 120.383 $\pm$ 0.022 χ^2 /NDF: 969876.5/38

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -625.921+/-835.910 χ^2/NDF : 0.0/1

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 2282.788+/-1274.435 χ^2/NDF : 0.0/0

Left: 249.028+/-698.971 χ^2/NDF : 3.6/2

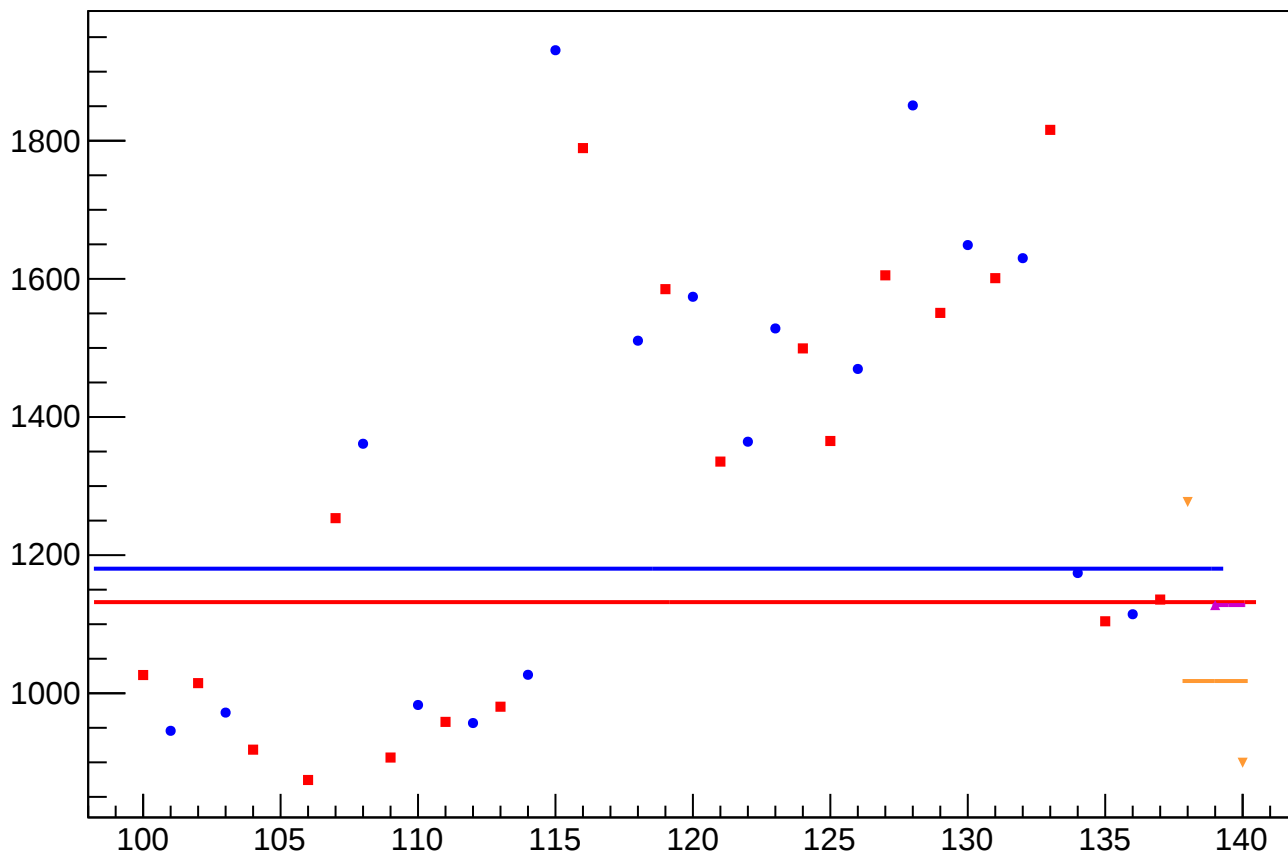
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 128.897+/-440.631 χ^2/NDF : 27.0/17

Out: 598.390+/-387.723 χ^2/NDF : 15.6/20

All: 393.509+/-291.079 χ^2/NDF : 43.2/38

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1017.743+/-0.591 χ^2/NDF : 87763.4/1

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 1127.723+/-0.901 χ^2/NDF : 0.0/0

Left: 1050.826+/-0.494 χ^2/NDF : 98177.4/2

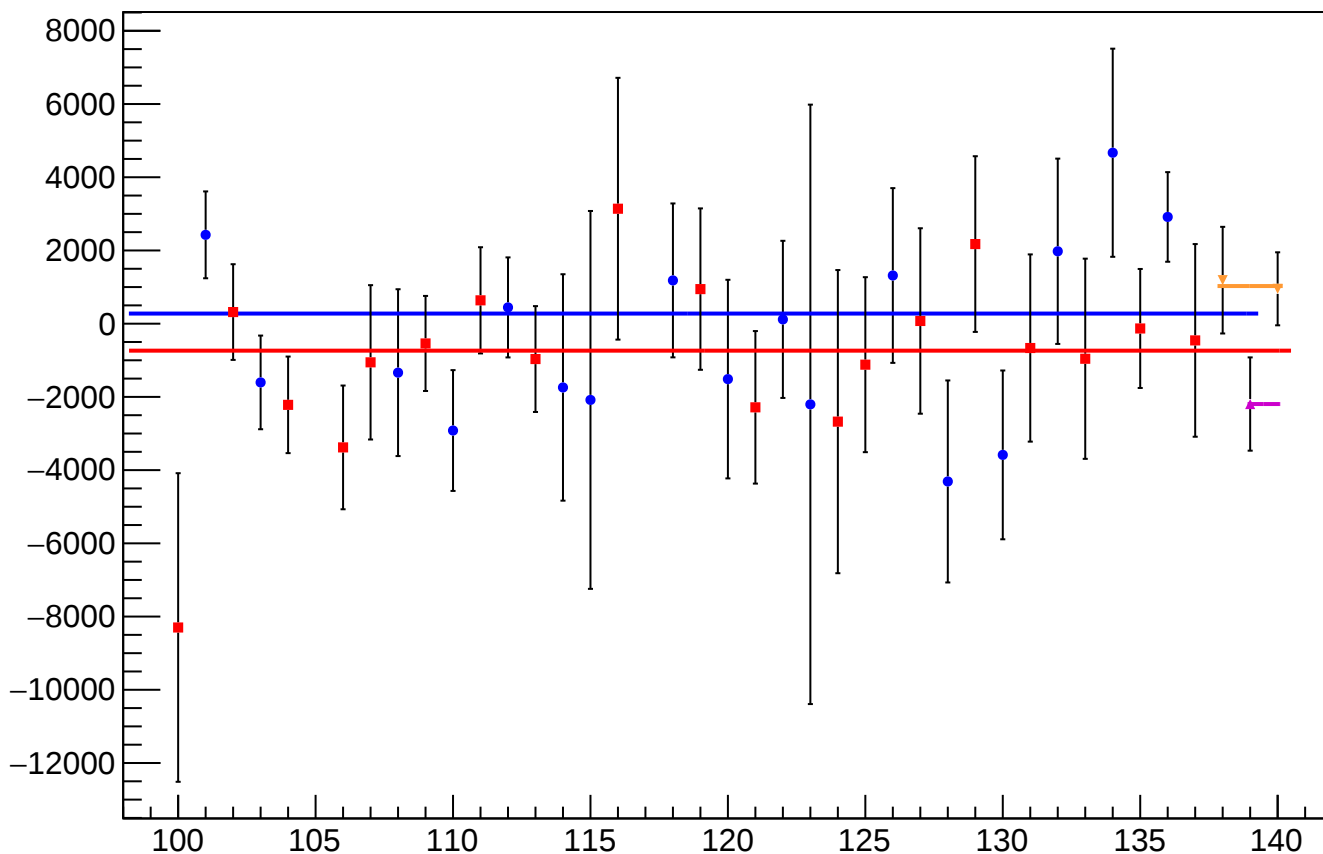
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1174.106+/-0.312 χ^2/NDF : 671854.3/17

Out: 1107.402+/-0.274 χ^2/NDF : 878983.2/20

All: 1136.511+/-0.206 χ^2/NDF : 1576669.7/38

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1028.026 $\pm$ 822.829 χ^2/NDF : 0.0/1

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: -2194.817 $\pm$ 1273.871 χ^2/NDF : 0.0/0

Left: 79.238 $\pm$ 691.179 χ^2/NDF : 4.5/2

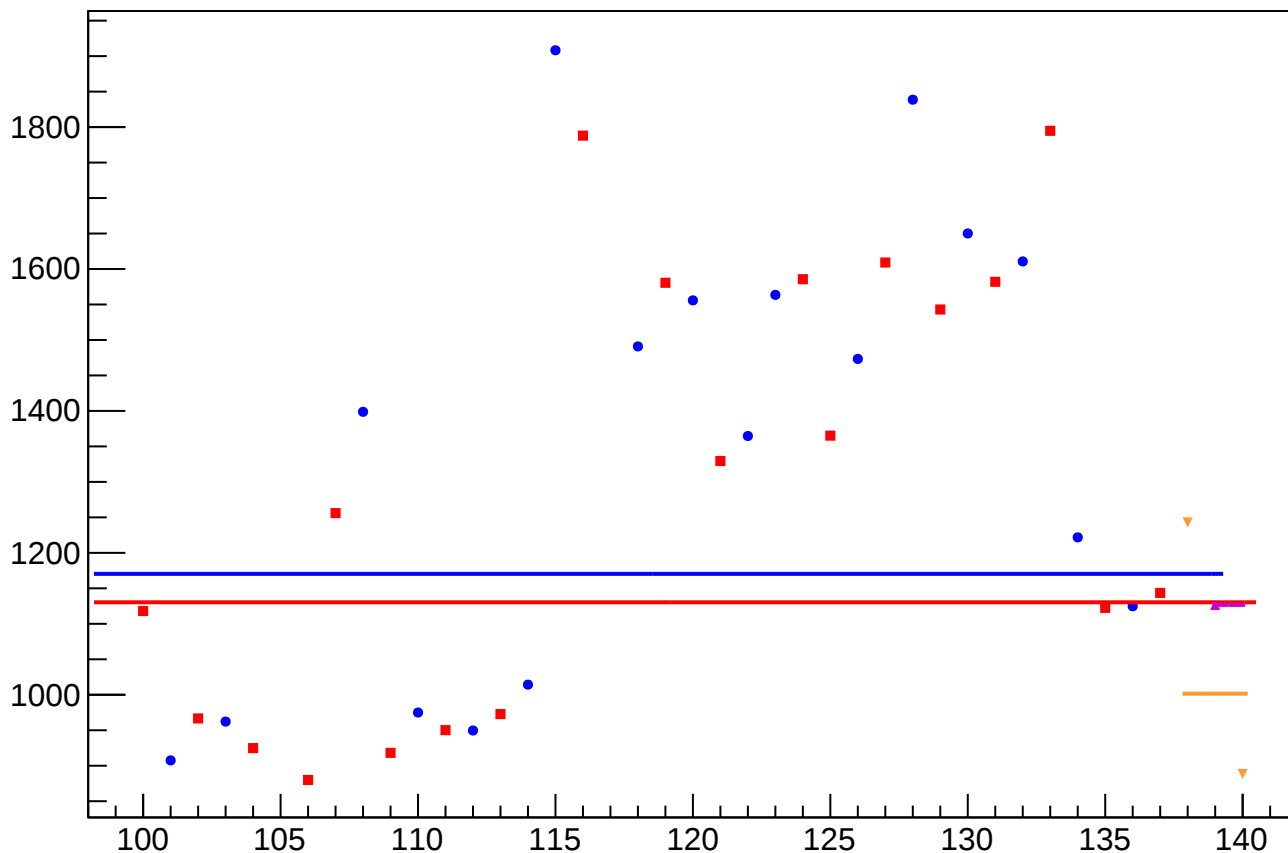
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: -15.717 $\pm$ 437.988 χ^2/NDF : 27.6/17

Out: -347.866 $\pm$ 386.255 χ^2/NDF : 16.4/20

All: -202.557 $\pm$ 289.696 χ^2/NDF : 44.4/38

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 1001.517+/-0.582 χ^2/NDF : 80683.4/1

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 1126.632+/-0.901 χ^2/NDF : 0.0/0

Left: 1038.350+/-0.489 χ^2/NDF : 94296.7/2

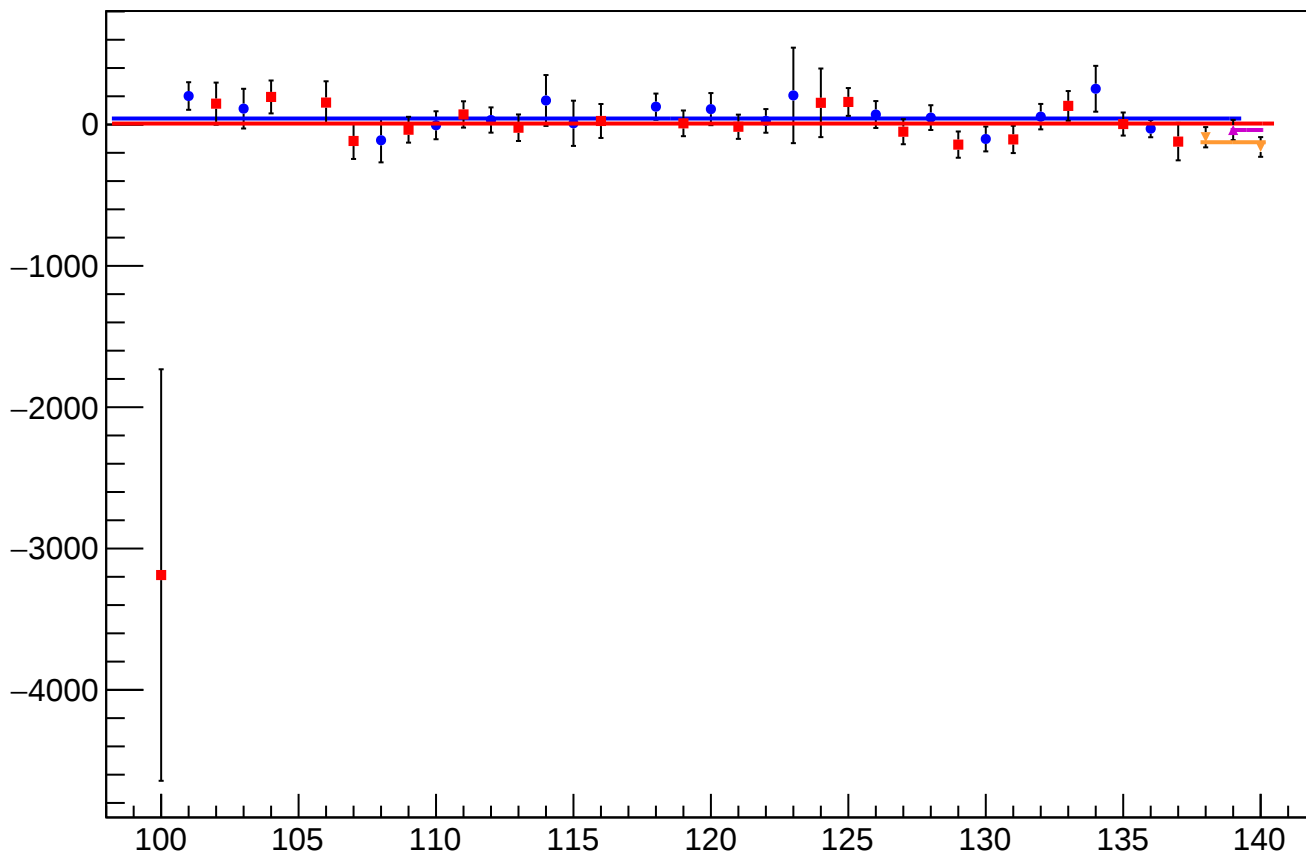
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1165.230+/-0.310 χ^2/NDF : 707569.0/17

Out: 1101.939+/-0.273 χ^2/NDF : 881937.7/20

All: 1129.627+/-0.205 χ^2/NDF : 1612999.0/38

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674+/-24.701 χ^2/NDF : 12.0/16

Left Out: -125.069+/-50.005 χ^2/NDF : 0.5/1

Right Out: 7.090+/-24.489 χ^2/NDF : 20.6/18

Left In: -38.486+/-71.588 χ^2/NDF : 0.0/0

Left: -96.676+/-40.994 χ^2/NDF : 1.5/2

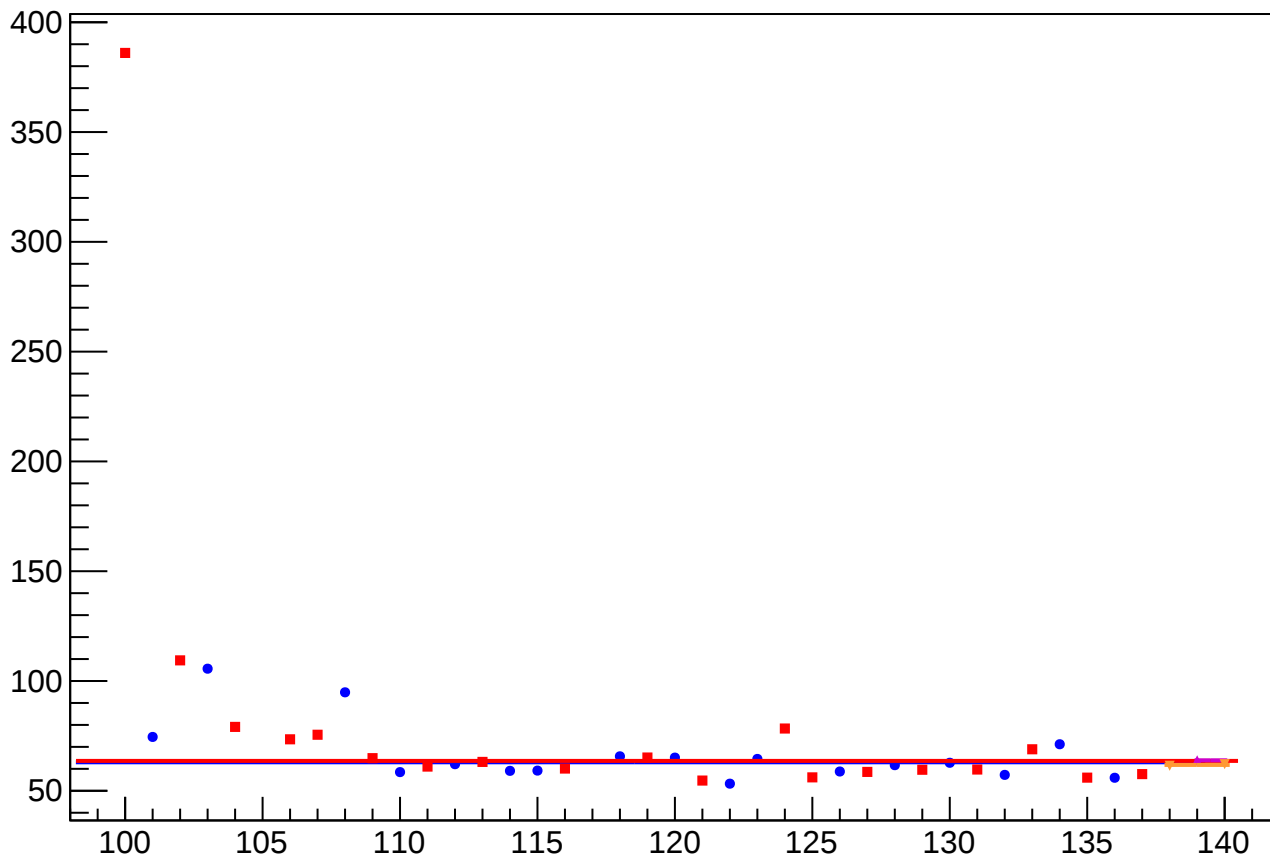
Right: 24.729+/-17.391 χ^2/NDF : 33.6/35

In: 34.039+/-23.350 χ^2/NDF : 13.1/17

Out: -18.474+/-21.993 χ^2/NDF : 26.7/20

All: 6.212+/-16.010 χ^2/NDF : 42.5/38

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.774 $\pm$ 0.035 χ^2 /NDF:110.2/1

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.879 $\pm$ 0.051 χ^2 /NDF:0.0/0

Left: 62.464 $\pm$ 0.029 χ^2 /NDF: 1272.0/2

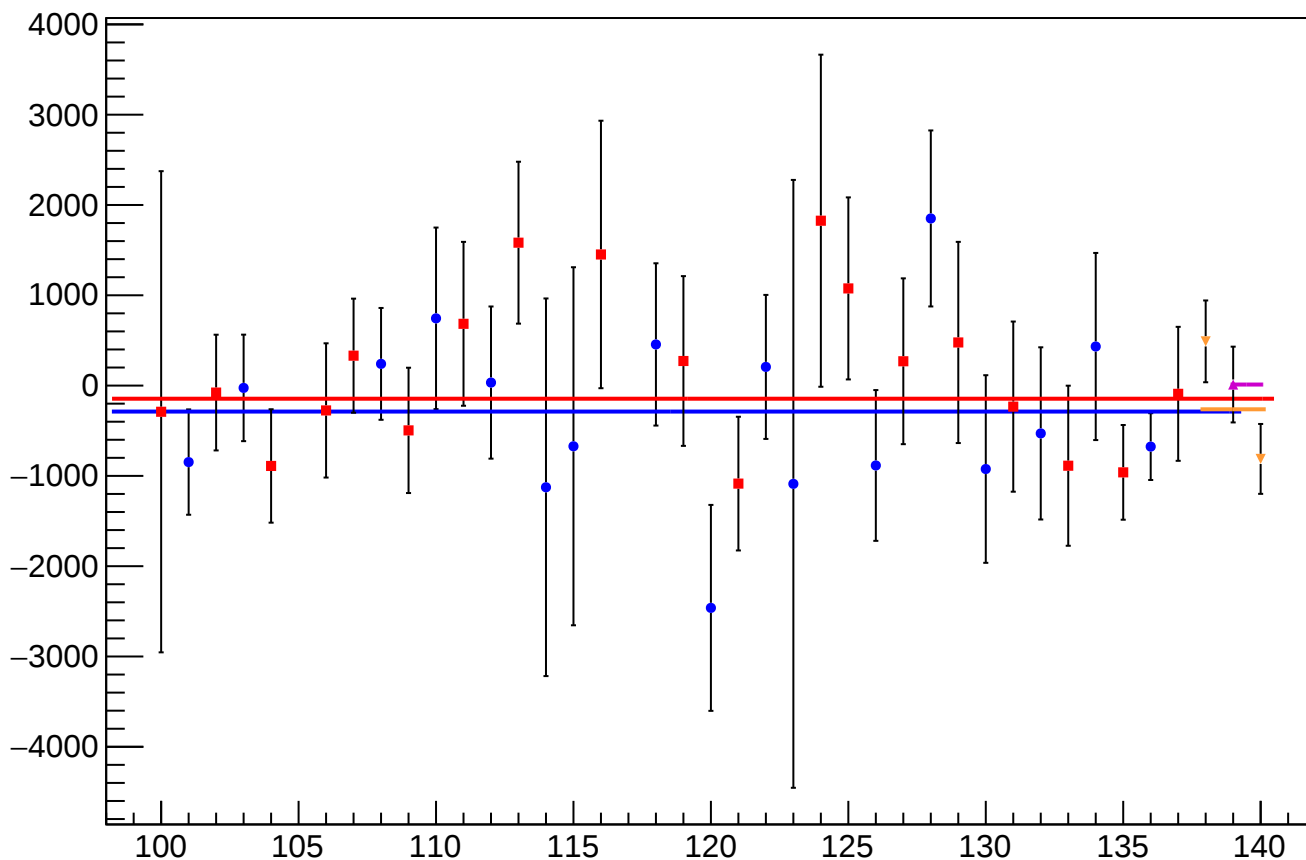
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.076 $\pm$ 0.017 χ^2 /NDF:375545.0/17

Out: 63.258 $\pm$ 0.016 χ^2 /NDF:435841.6/20

All: 63.172 $\pm$ 0.011 χ^2 /NDF: 811451.0/38

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: -262.582 $\pm$ 294.222 χ^2 /NDF:4.8/1

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: 11.546 $\pm$ 419.528 χ^2 /NDF:0.0/0

Left: -172.205 $\pm$ 240.887 χ^2 /NDF: 5.1/2

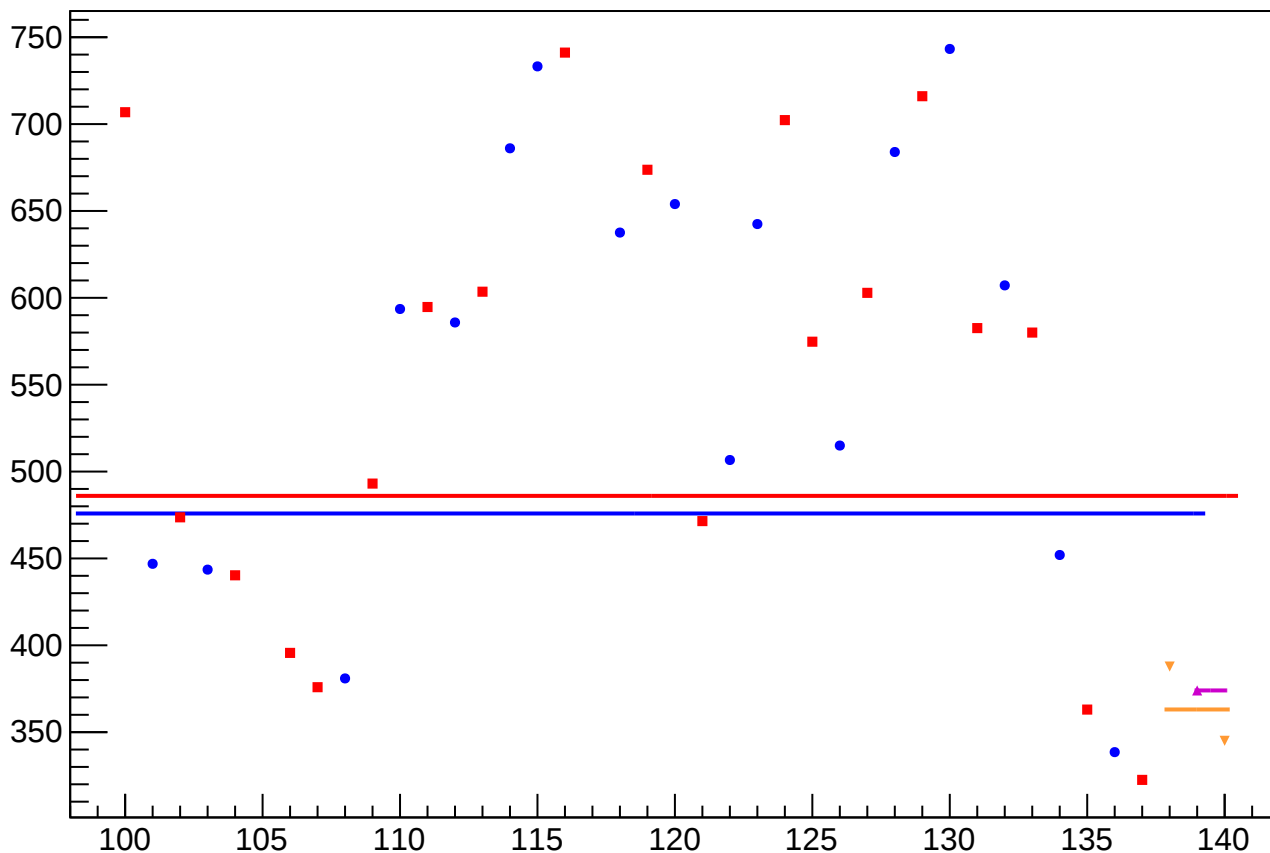
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -236.804 $\pm$ 172.993 χ^2 /NDF:15.8/17

Out: -179.154 $\pm$ 158.009 χ^2 /NDF:21.0/20

All: -205.375 $\pm$ 116.667 χ^2 /NDF: 36.8/38

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: 363.065+/-0.208 χ^2/NDF :10294.4/1

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 374.019+/-0.297 χ^2/NDF :0.0/0

Left: 366.677+/-0.170 χ^2/NDF : 11208.4/2

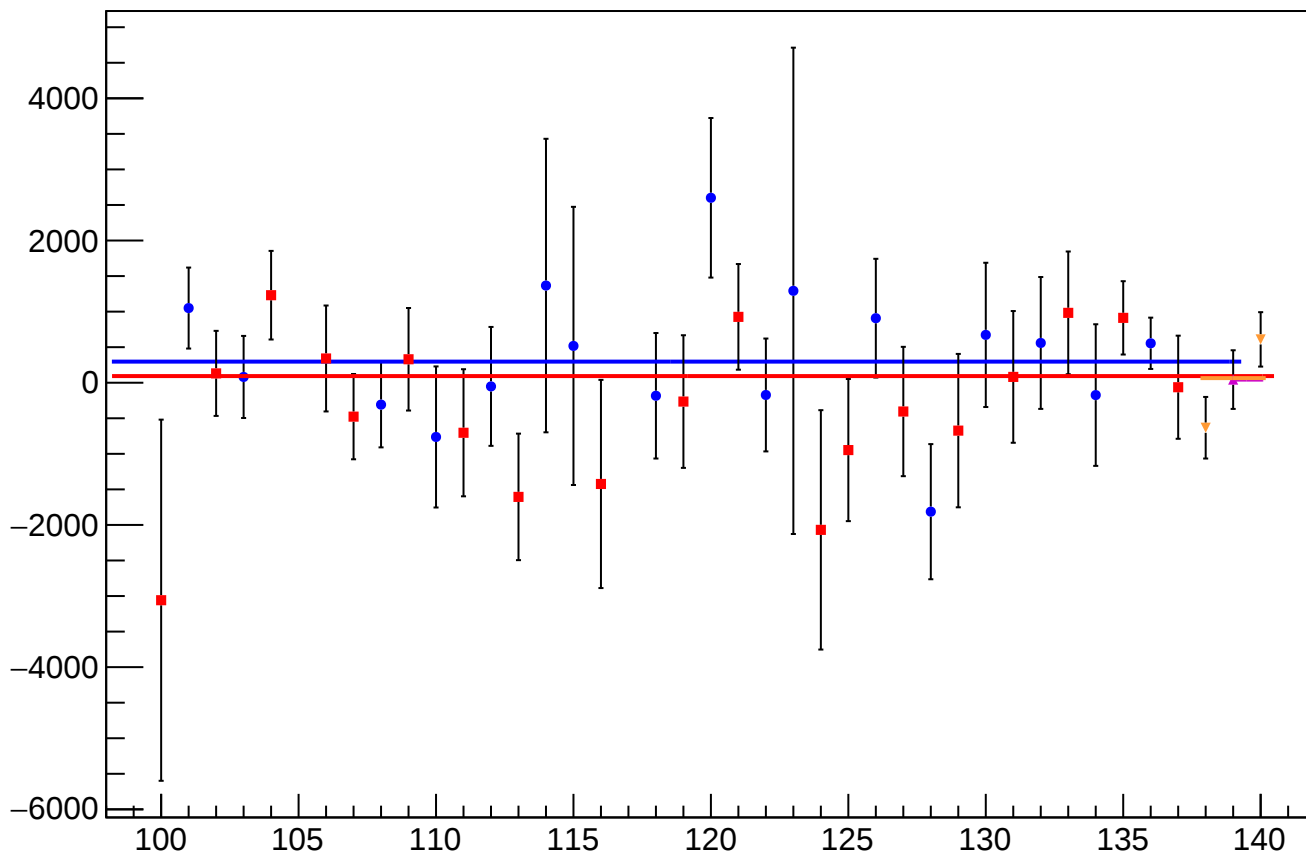
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 458.553+/-0.122 χ^2/NDF :935646.1/17

Out: 450.552+/-0.112 χ^2/NDF :988922.2/20

All: 454.191+/-0.082 χ^2/NDF : 1926900.5/38

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: 65.005 $\pm$ 286.764 χ^2 /NDF:4.6/1

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 44.107 $\pm$ 412.451 χ^2 /NDF:0.0/0

Left: 58.195 $\pm$ 235.449 χ^2 /NDF: 4.6/2

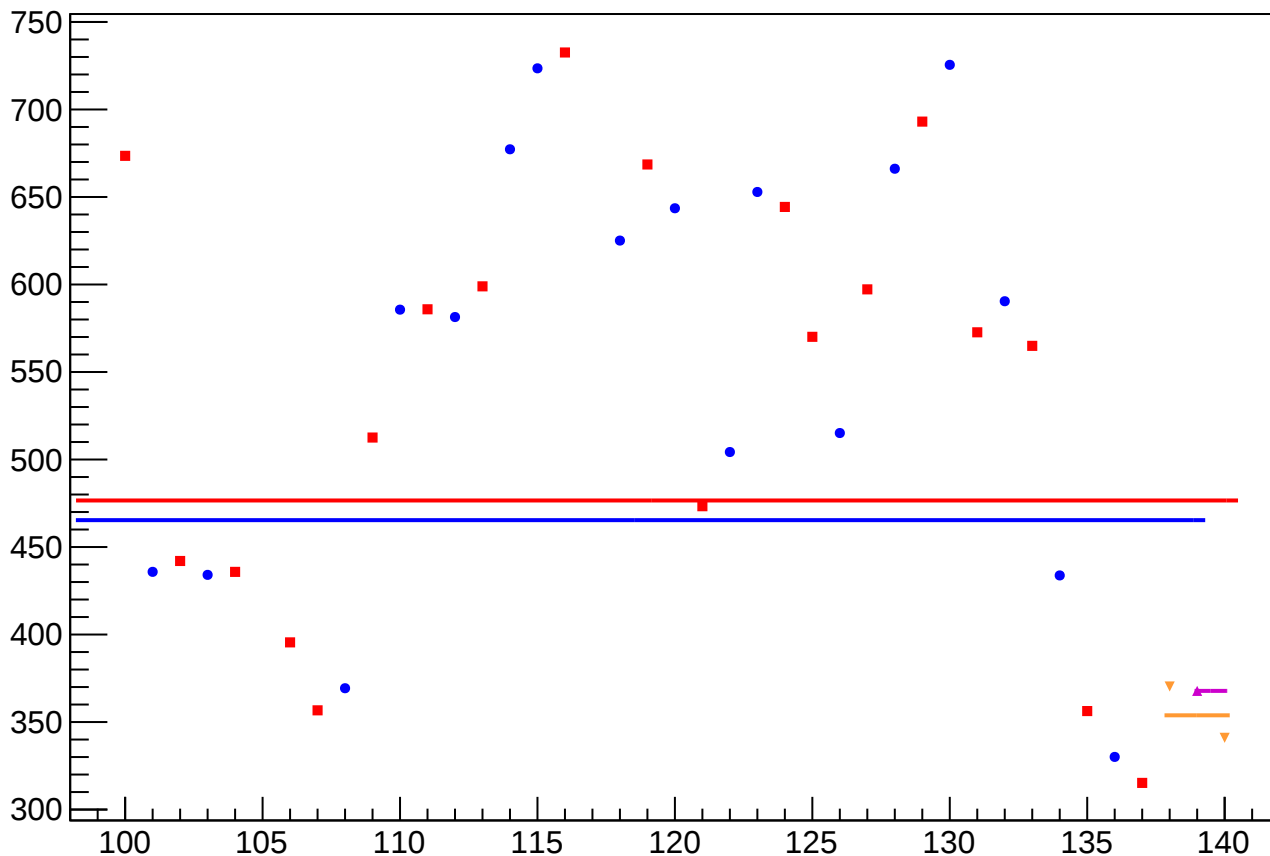
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 254.257 $\pm$ 169.538 χ^2 /NDF:16.2/17

Out: 85.211 $\pm$ 154.812 χ^2 /NDF:24.7/20

All: 162.076 $\pm$ 114.321 χ^2 /NDF: 41.4/38

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 353.845+/-0.203 χ^2/NDF : 5148.4/1

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 367.801+/-0.292 χ^2/NDF : 0.0/0

Left: 358.393+/-0.166 χ^2/NDF : 6692.0/2

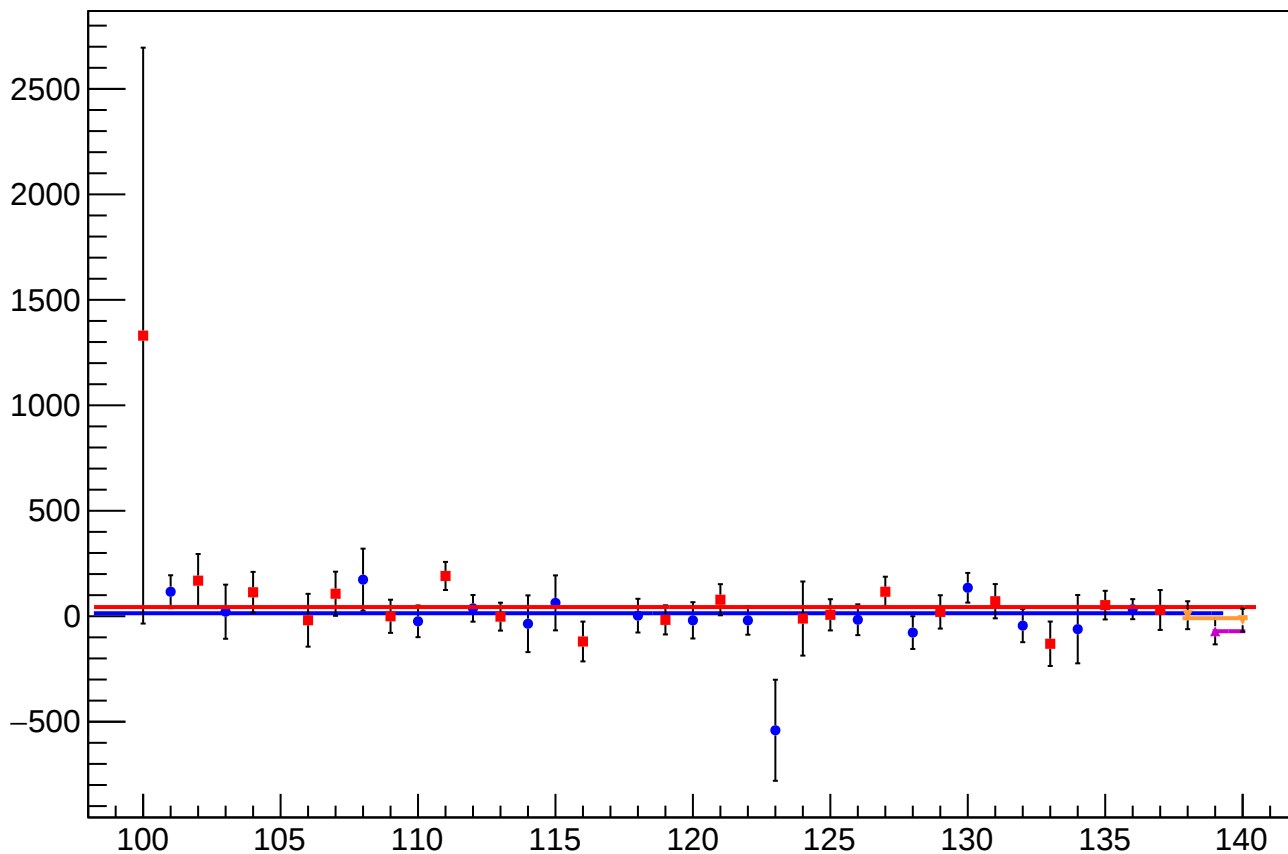
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 448.873+/-0.120 χ^2/NDF : 953402.2/17

Out: 440.821+/-0.109 χ^2/NDF : 1017745.5/20

All: 444.482+/-0.081 χ^2/NDF : 1973607.3/38

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: -9.126+/-41.949 χ^2/NDF : 0.1/1

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -70.969+/-62.314 χ^2/NDF : 0.0/0

Left: -28.413+/-34.799 χ^2/NDF : 0.8/2

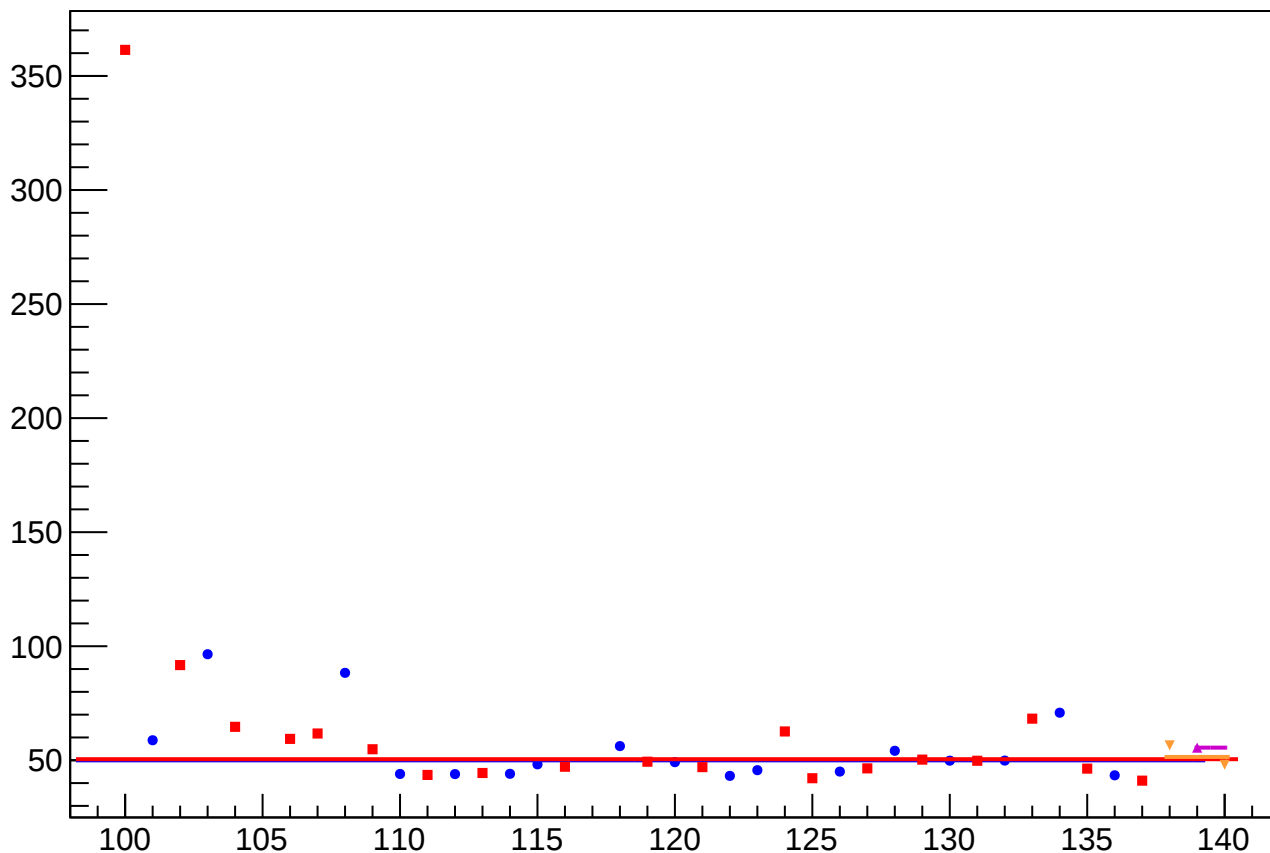
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 6.390+/-18.928 χ^2/NDF : 16.5/17

Out: 34.116+/-17.793 χ^2/NDF : 18.4/20

All: 21.110+/-12.964 χ^2/NDF : 36.0/38

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: 51.464+/-0.030 χ^2/NDF : 19631.1/1

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 55.539+/-0.044 χ^2/NDF : 0.0/0

Left: 52.735+/-0.025 χ^2/NDF : 25515.9/2

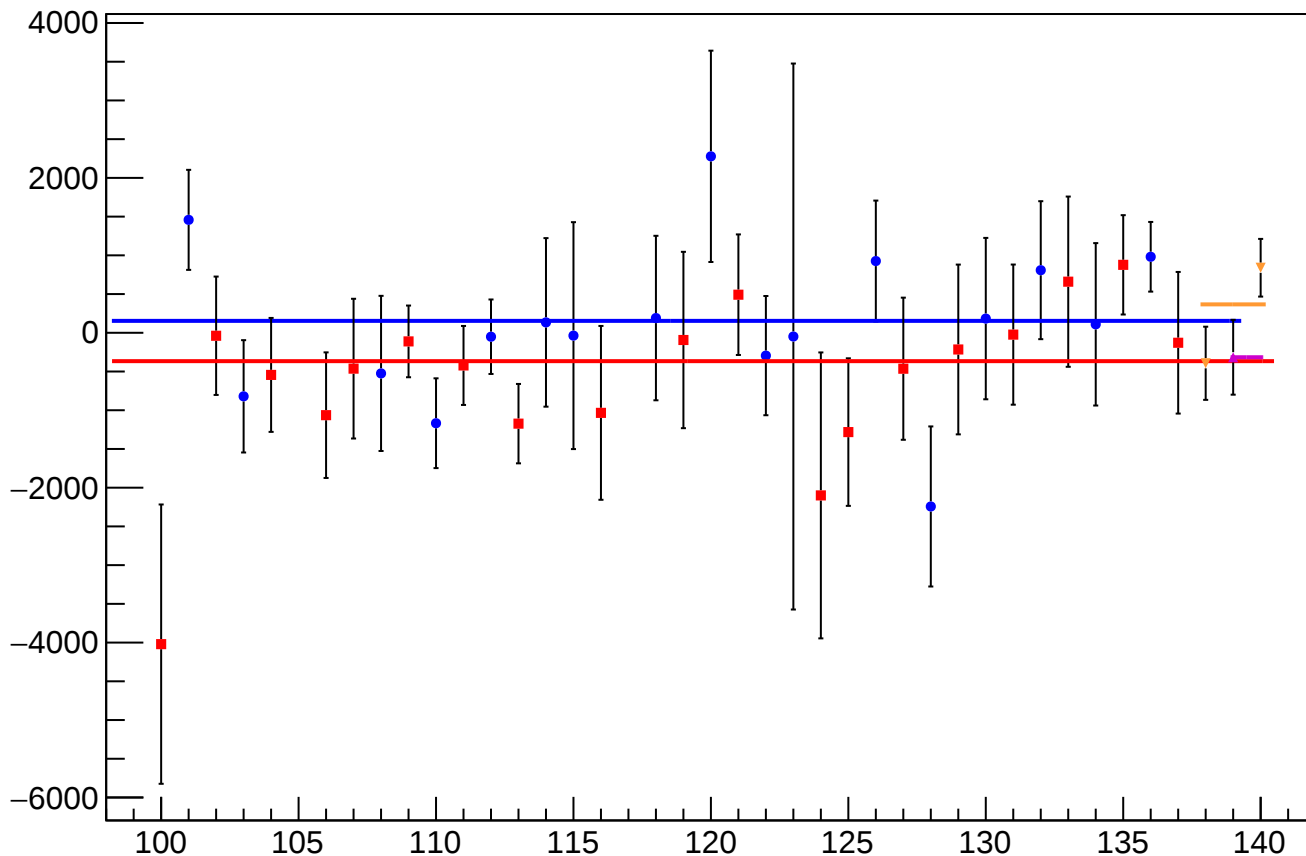
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 50.487+/-0.013 χ^2/NDF : 593232.9/17

Out: 50.651+/-0.013 χ^2/NDF : 591842.0/20

All: 50.574+/-0.009 χ^2/NDF : 1185154.8/38

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: 366.875 $\pm$ 292.462 χ^2 /NDF:4.2/1

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -315.840 $\pm$ 483.274 χ^2 /NDF:0.0/0

Left: 183.867 $\pm$ 250.212 χ^2 /NDF: 5.7/2

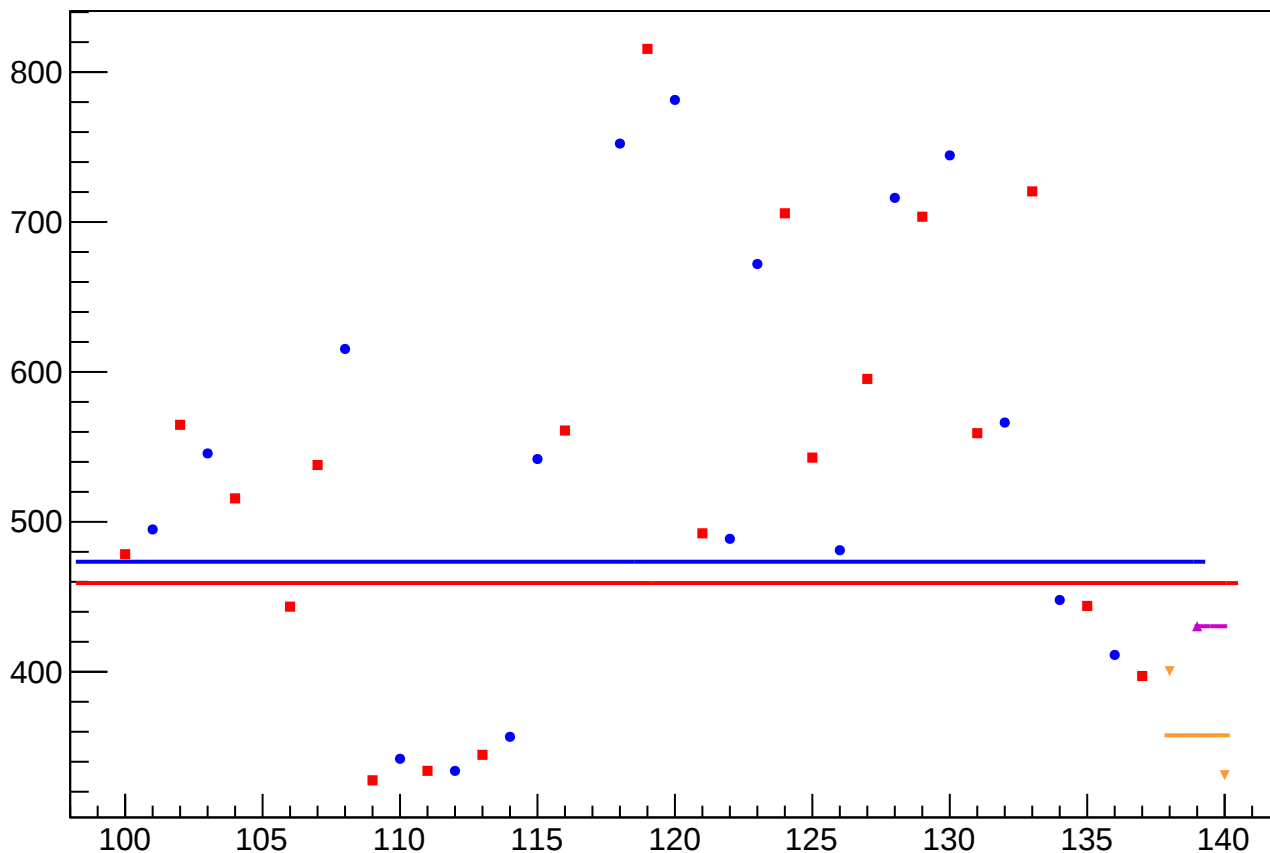
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 90.984 $\pm$ 176.795 χ^2 /NDF:25.6/17

Out: -166.631 $\pm$ 152.617 χ^2 /NDF:25.0/20

All: -56.631 $\pm$ 115.526 χ^2 /NDF: 51.8/38

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: 357.636 $\pm$ 0.207 χ^2 /NDF: 26596.3/1

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 430.389 $\pm$ 0.342 χ^2 /NDF: 0.0/0

Left: 377.138 $\pm$ 0.177 χ^2 /NDF: 59772.2/2

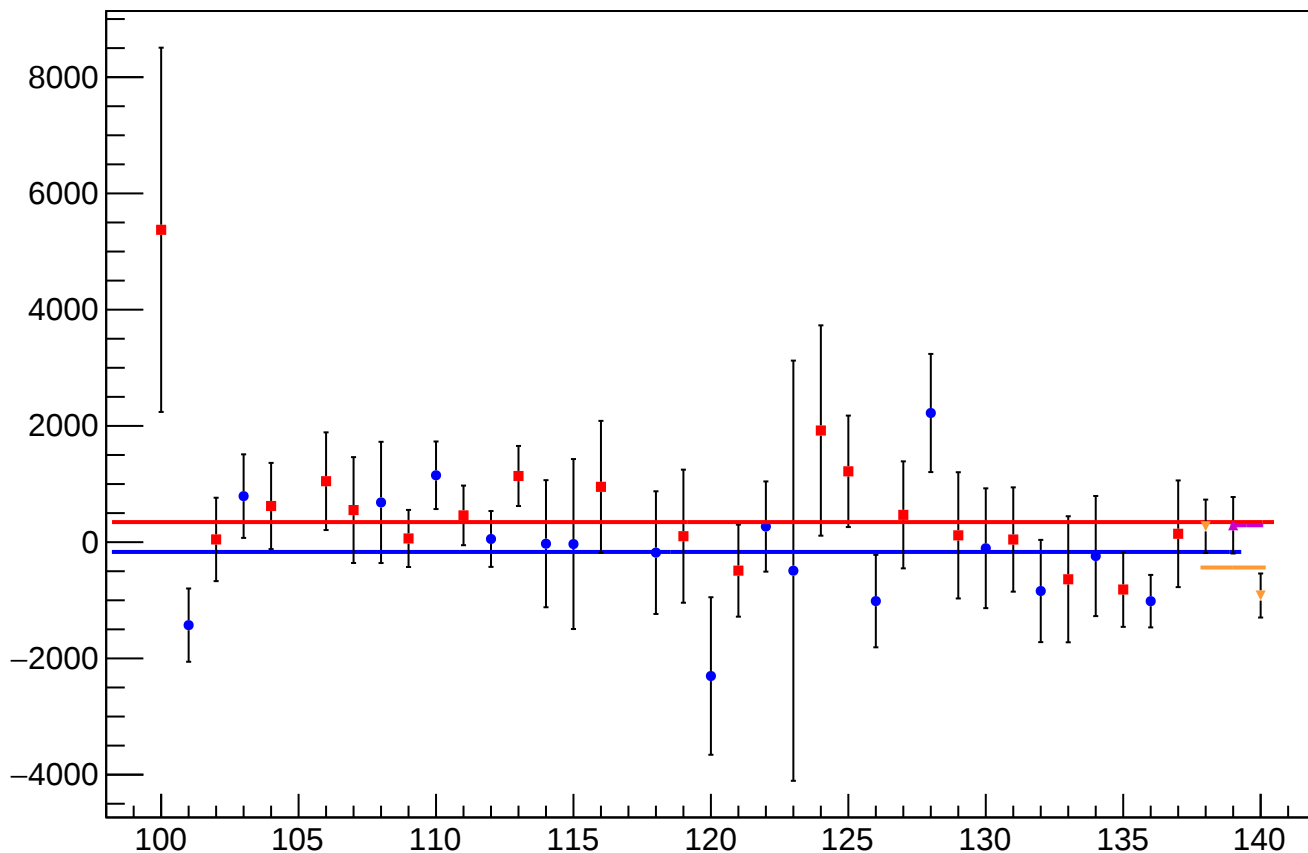
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 467.649 $\pm$ 0.125 χ^2 /NDF: 928653.5/17

Out: 431.528 $\pm$ 0.108 χ^2 /NDF: 1208529.9/20

All: 446.952 $\pm$ 0.082 χ^2 /NDF: 2185021.3/38

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -436.166+/-292.398 χ^2/NDF : 4.0/1

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: 290.848+/-485.700 χ^2/NDF : 0.0/0

Left: -242.772+/-250.506 χ^2/NDF : 5.6/2

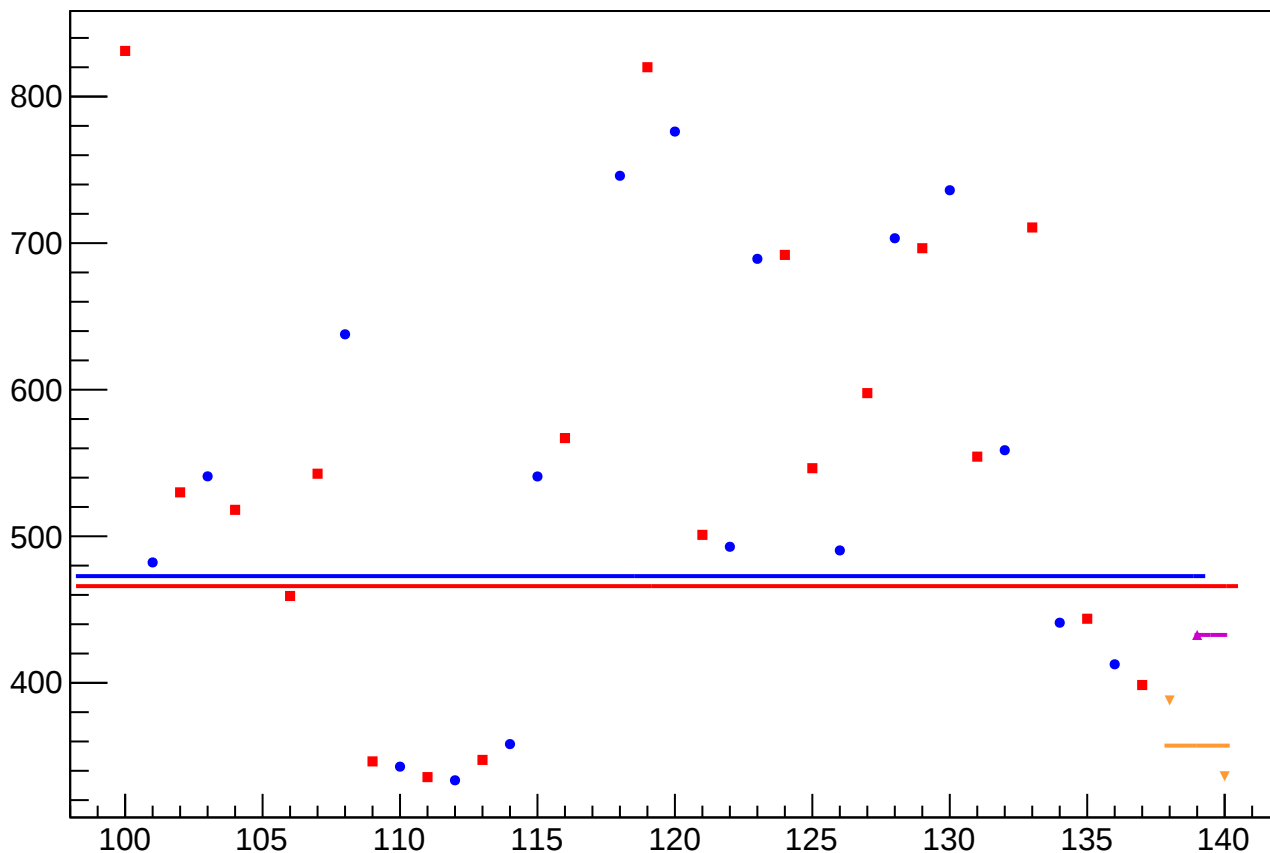
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -107.279+/-176.748 χ^2/NDF : 26.2/17

Out: 128.498+/-154.057 χ^2/NDF : 22.9/20

All: 26.706+/-116.134 χ^2/NDF : 50.1/38

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 357.179+/-0.207 χ^2/NDF :15069.7/1

Right Out: 465.987+/-0.128 χ^2/NDF : 942033.1/18

Left In: 432.697+/-0.343 χ^2/NDF :0.0/0

Left: 377.268+/-0.177 χ^2/NDF : 50557.9/2

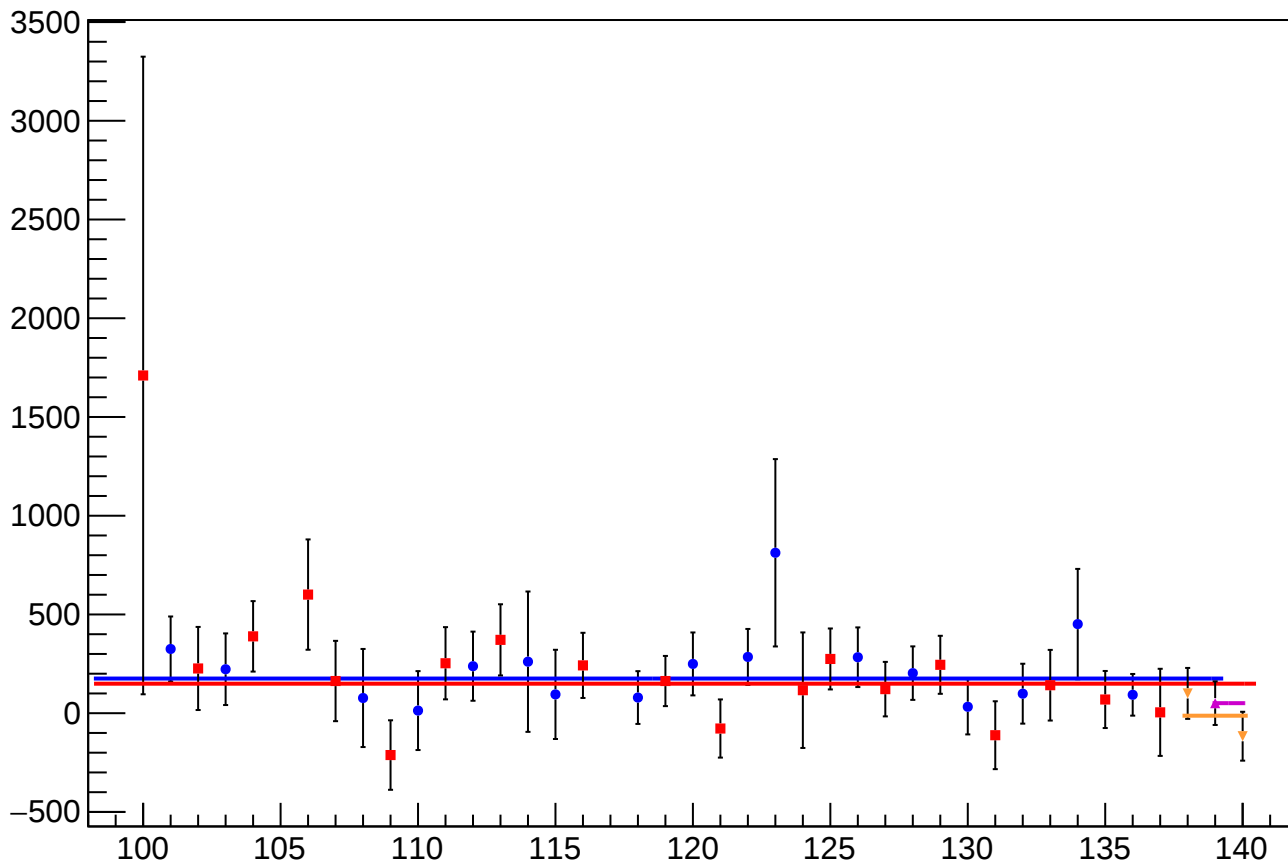
Right: 469.247+/-0.093 χ^2/NDF : 1839762.8/35

In: 467.506+/-0.125 χ^2/NDF :908214.3/17

Out: 435.782+/-0.109 χ^2/NDF :1157172.4/20

All: 449.478+/-0.082 χ^2/NDF : 2102002.6/38

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -12.697 $\pm$ 89.304 χ^2 /NDF:1.5/1

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: 50.822 $\pm$ 110.395 χ^2 /NDF:0.0/0

Left: 12.428 $\pm$ 69.431 χ^2 /NDF: 1.7/2

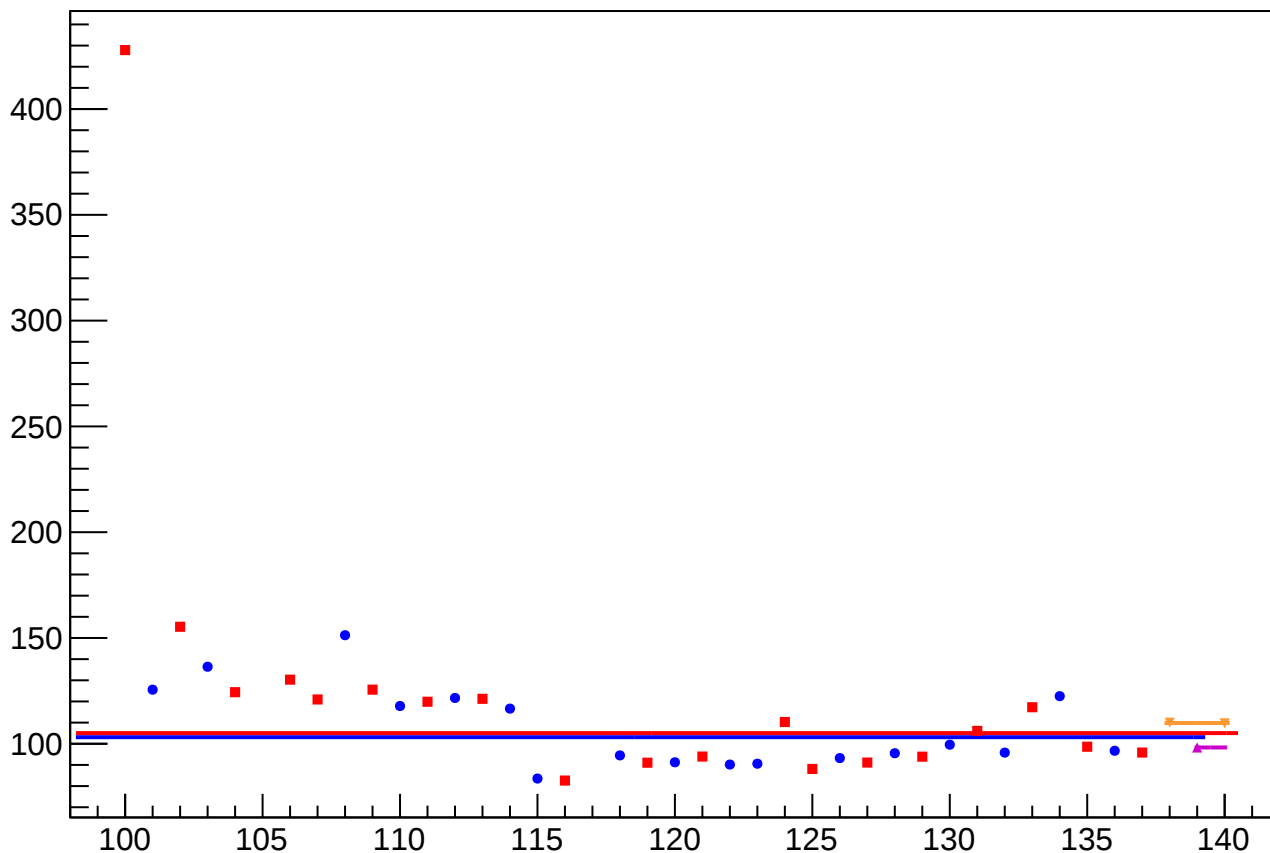
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 160.773 $\pm$ 37.905 χ^2 /NDF:9.7/17

Out: 121.969 $\pm$ 36.748 χ^2 /NDF:22.6/20

All: 140.770 $\pm$ 26.384 χ^2 /NDF: 32.9/38

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: 109.806 $\pm$ 0.063 χ^2 /NDF: 5.7/1

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 98.248 $\pm$ 0.078 χ^2 /NDF: 0.0/0

Left: 105.234 $\pm$ 0.049 χ^2 /NDF: 13258.1/2

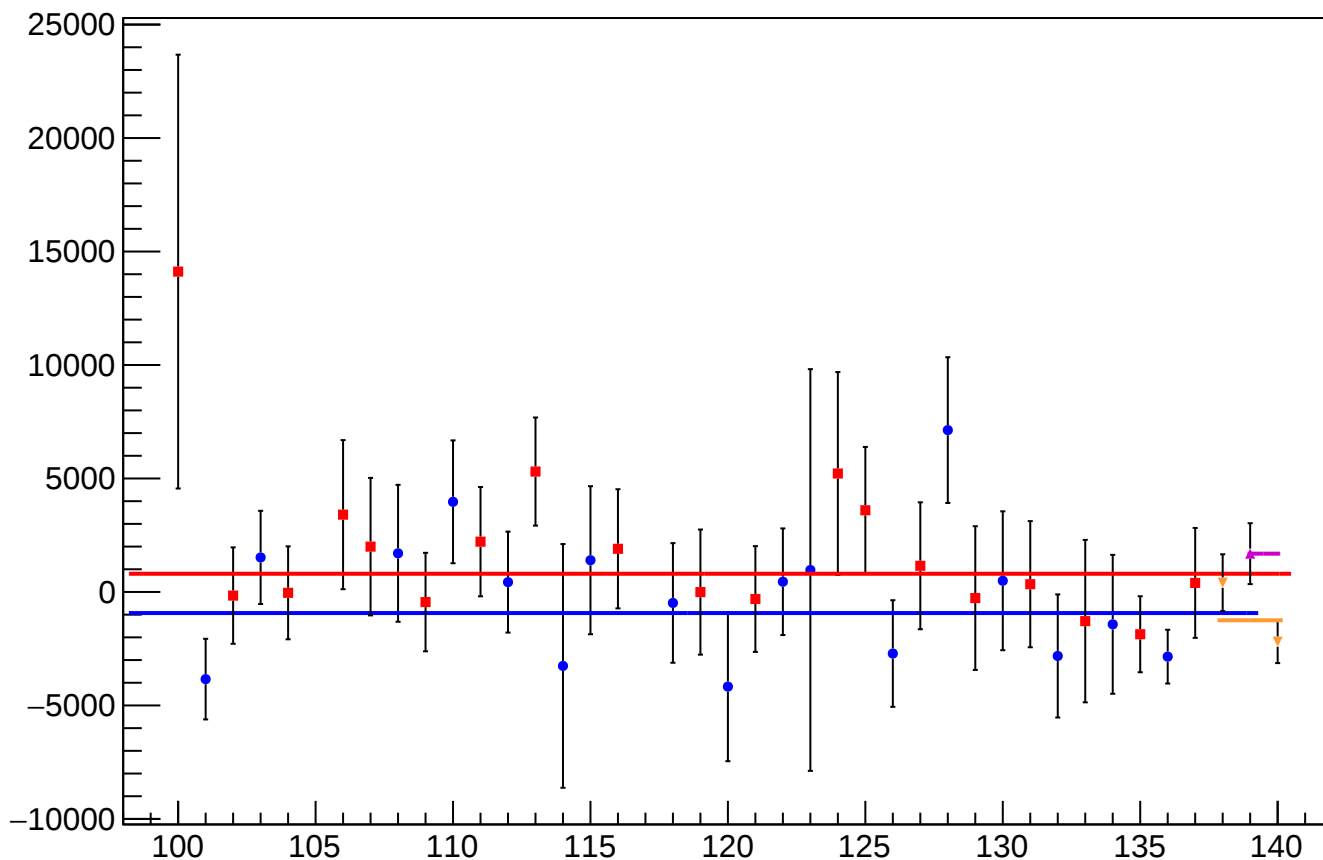
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 102.539 $\pm$ 0.027 χ^2 /NDF: 309863.9/17

Out: 105.852 $\pm$ 0.026 χ^2 /NDF: 453426.2/20

All: 104.246 $\pm$ 0.019 χ^2 /NDF: 771165.6/38

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1248.152+/-754.029 χ^2/NDF : 2.7/1

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: 1688.218+/-1341.582 χ^2/NDF : 0.0/0

Left: -543.245+/-657.321 χ^2/NDF : 6.4/2

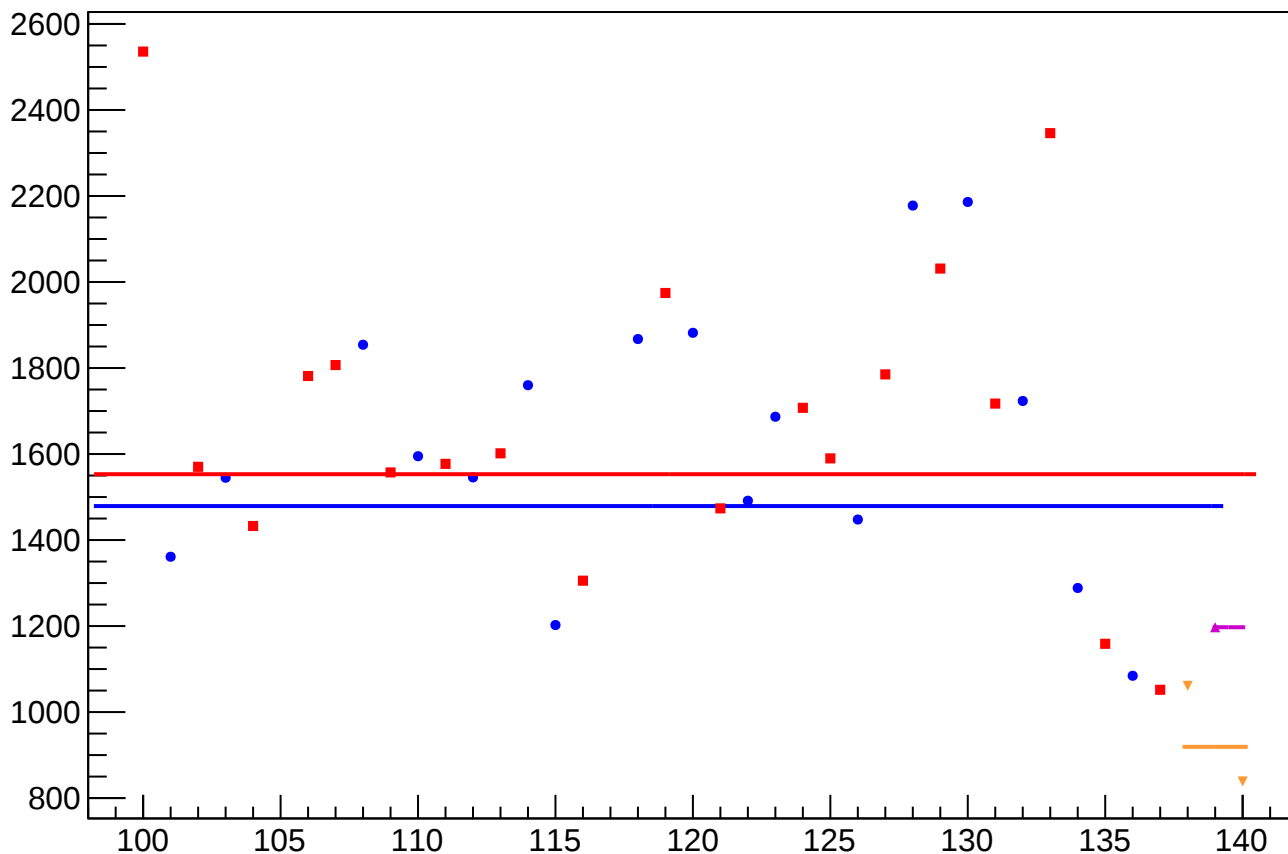
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -508.441+/-537.751 χ^2/NDF : 24.0/17

Out: 17.760+/-466.515 χ^2/NDF : 20.2/20

All: -208.202+/-352.390 χ^2/NDF : 44.8/38

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: 919.142+/-0.533 χ^2/NDF : 40203.2/1

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 1197.254+/-0.949 χ^2/NDF : 0.0/0

Left: 985.906+/-0.465 χ^2/NDF : 105518.0/2

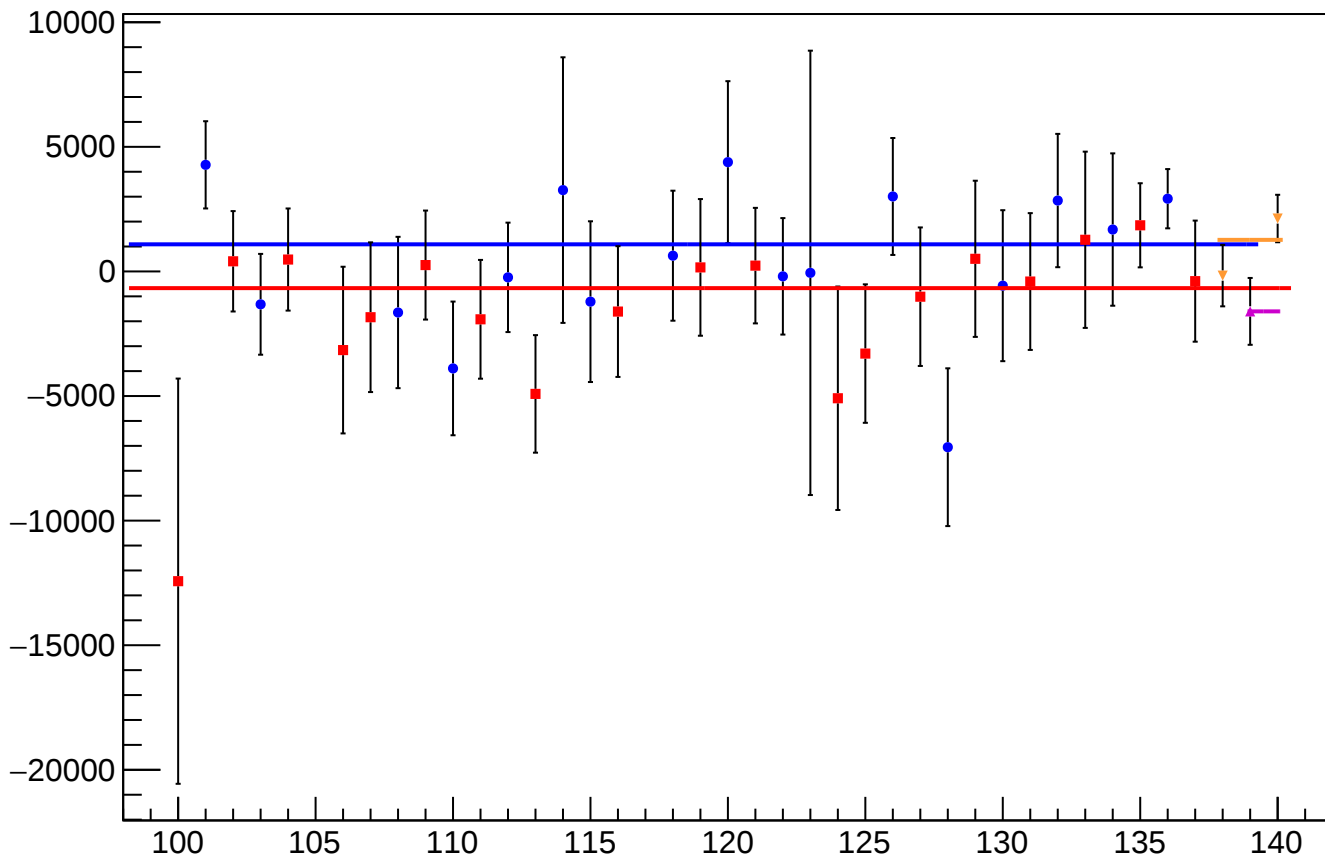
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1433.725+/-0.380 χ^2/NDF : 663652.7/17

Out: 1310.414+/-0.330 χ^2/NDF : 1396506.5/20

All: 1363.367+/-0.249 χ^2/NDF : 2120163.5/38

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: 1267.040 $\pm$ 753.511 χ^2 /NDF:2.2/1

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -1603.008 $\pm$ 1341.352 χ^2 /NDF:0.0/0

Left: 578.596 $\pm$ 656.951 χ^2 /NDF: 5.6/2

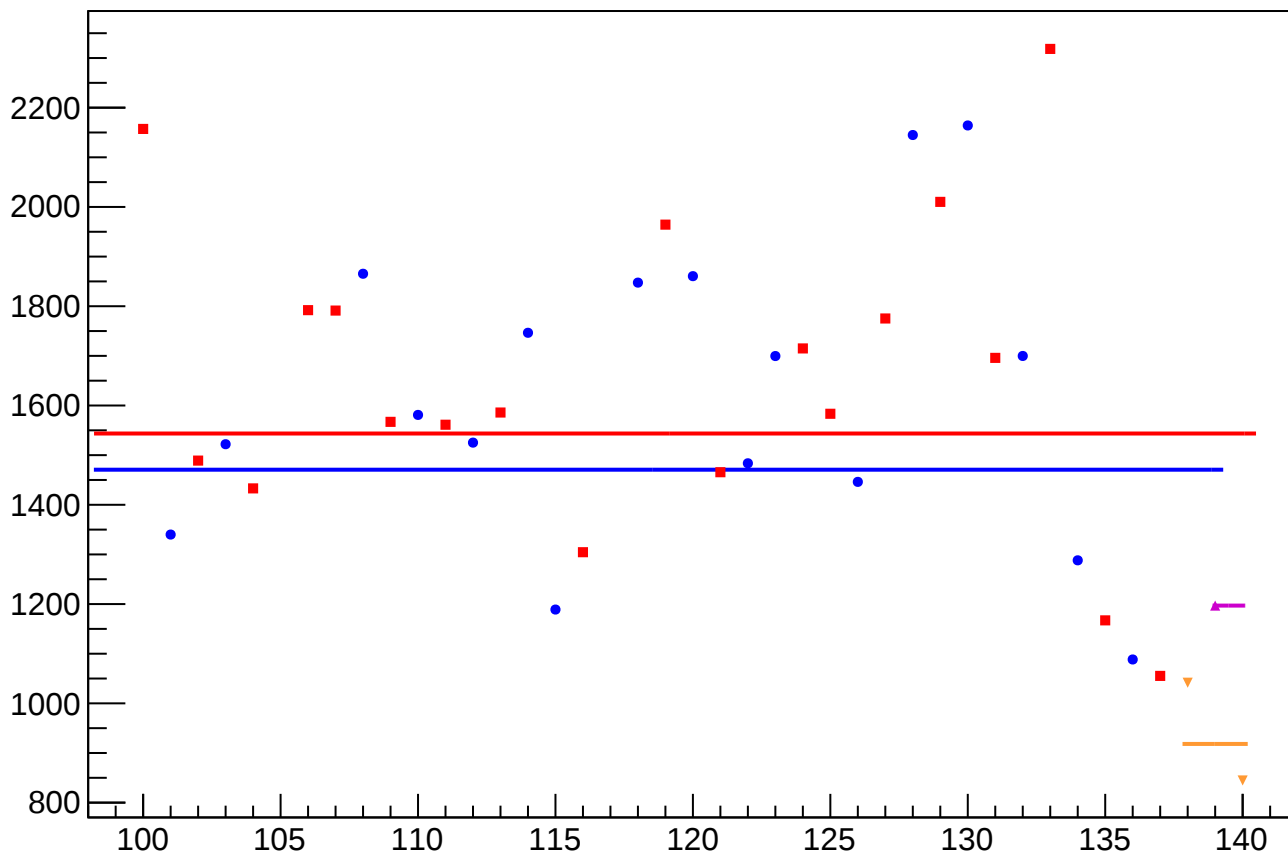
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 660.006 $\pm$ 534.932 χ^2 /NDF:25.2/17

Out: 66.092 $\pm$ 464.535 χ^2 /NDF:18.3/20

All: 321.423 $\pm$ 350.743 χ^2 /NDF: 44.2/38

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 918.233+/-0.533 χ^2/NDF : 31970.8/1

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 1196.932+/-0.948 χ^2/NDF : 0.0/0

Left: 985.085+/-0.465 χ^2/NDF : 97600.8/2

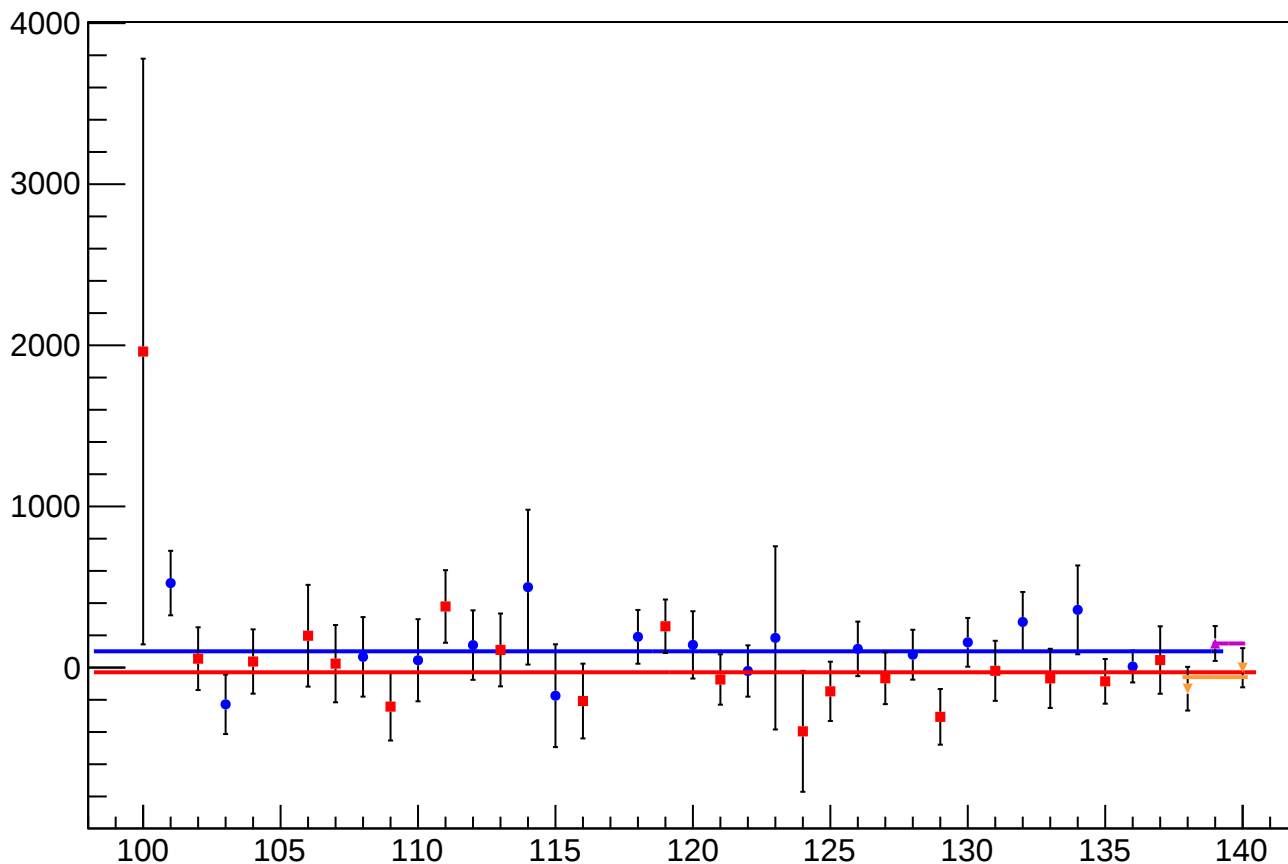
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1427.145+/-0.378 χ^2/NDF : 637781.5/17

Out: 1305.913+/-0.328 χ^2/NDF : 1340210.9/20

All: 1358.032+/-0.248 χ^2/NDF : 2036553.3/38

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -58.946 $\pm$ 90.560 χ^2 /NDF:0.5/1

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 149.497 $\pm$ 108.231 χ^2 /NDF:0.0/0

Left: 26.892 $\pm$ 69.454 χ^2 /NDF: 2.7/2

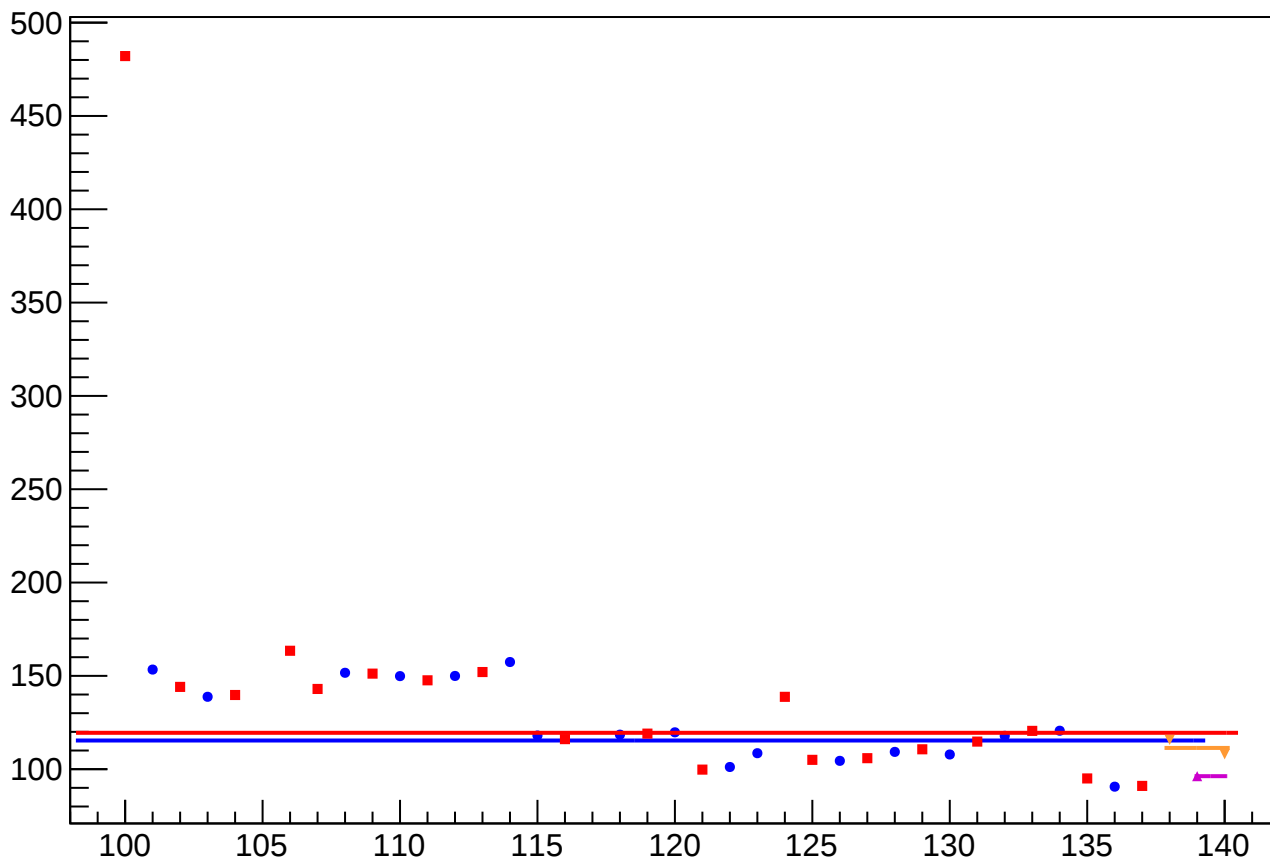
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 108.155 $\pm$ 41.774 χ^2 /NDF:13.2/17

Out: -35.198 $\pm$ 40.796 χ^2 /NDF:15.3/20

All: 34.780 $\pm$ 29.187 χ^2 /NDF: 34.5/38

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: 111.384 $\pm$ 0.064 χ^2 /NDF:3603.5/1

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 96.255 $\pm$ 0.077 χ^2 /NDF:0.0/0

Left: 105.154 $\pm$ 0.049 χ^2 /NDF: 26590.1/2

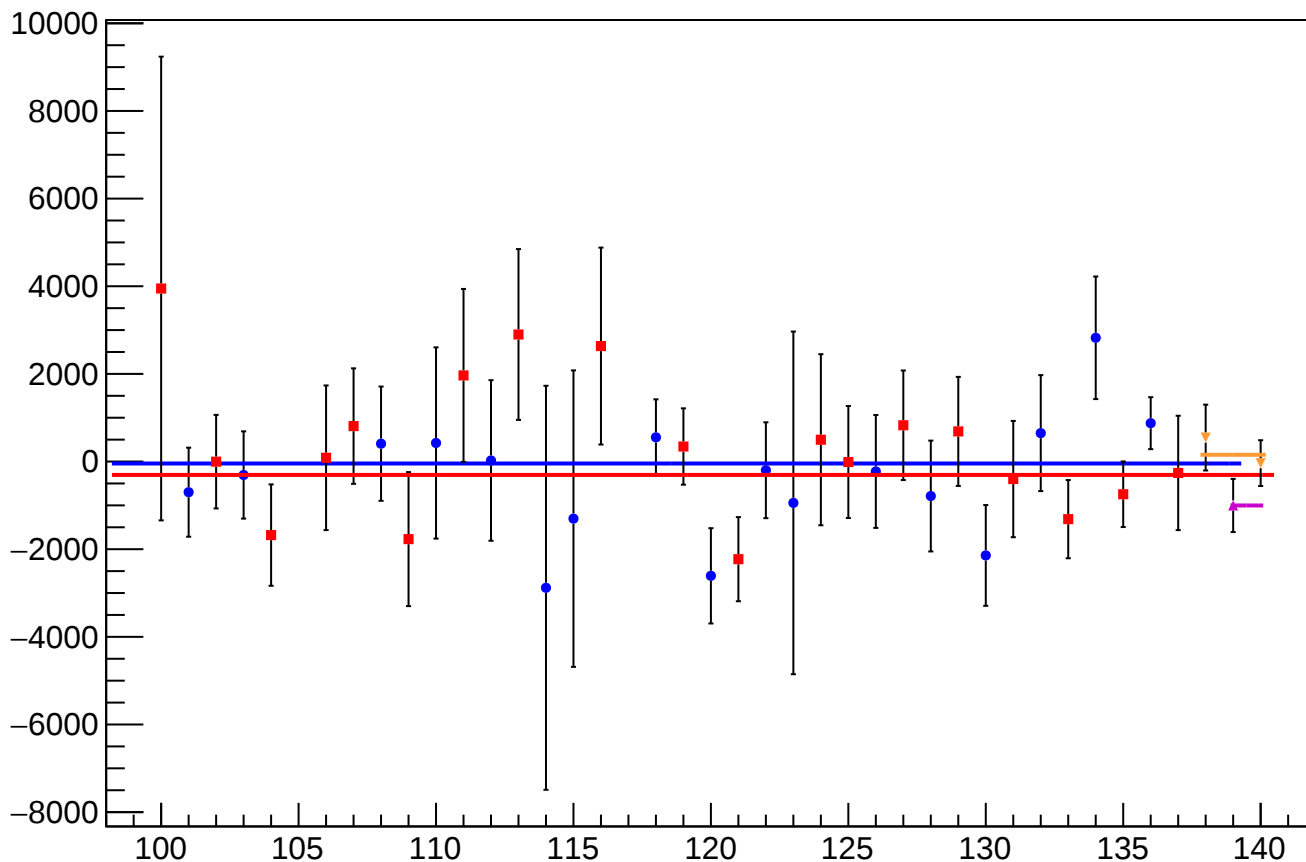
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 112.519 $\pm$ 0.030 χ^2 /NDF:464431.6/17

Out: 117.847 $\pm$ 0.029 χ^2 /NDF:494345.7/20

All: 115.246 $\pm$ 0.021 χ^2 /NDF: 975425.8/38

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 154.472 ± 428.863 $\chi^2/\text{NDF}: 0.4/1$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -1002.337 ± 606.951 $\chi^2/\text{NDF}: 0.0/0$

Left: -230.752 ± 350.251 $\chi^2/\text{NDF}: 2.8/2$

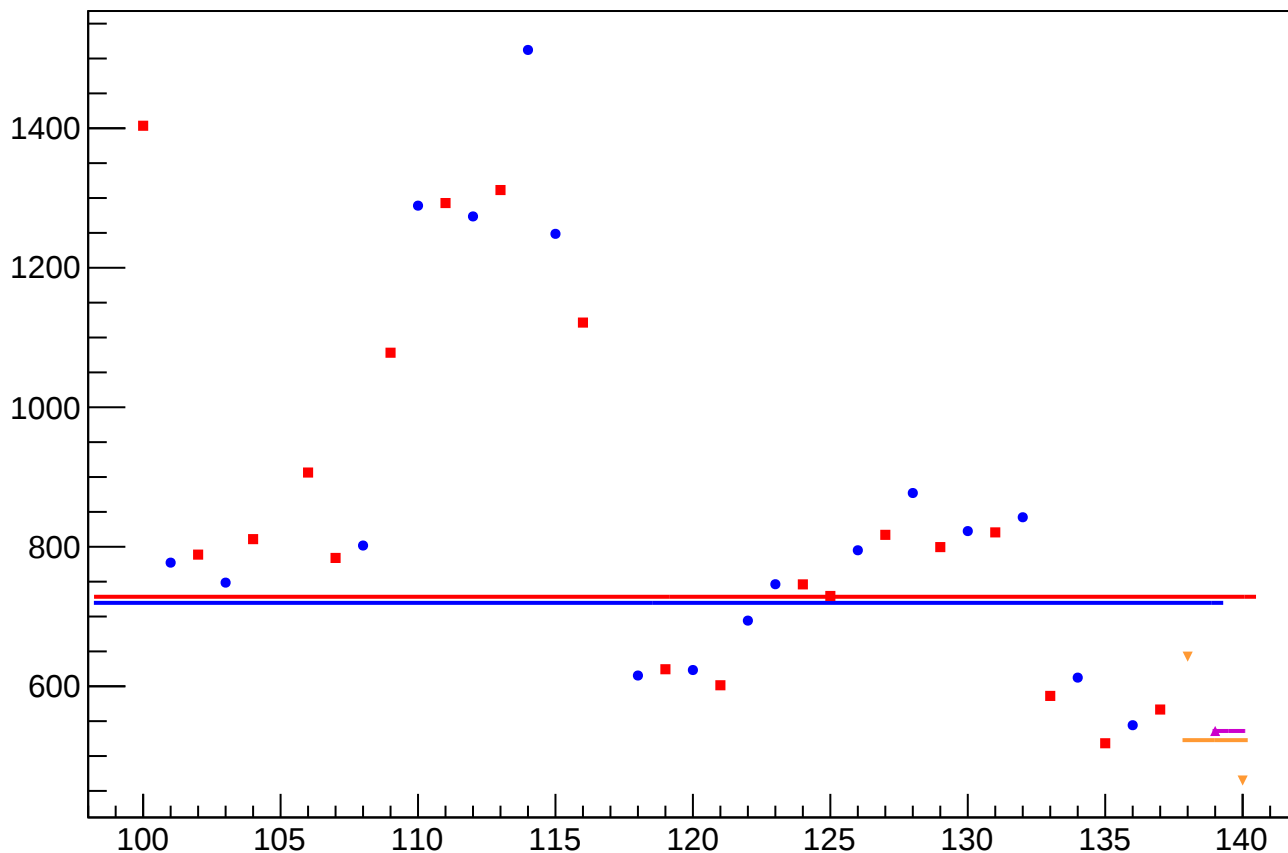
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -218.859 ± 258.927 $\chi^2/\text{NDF}: 19.9/17$

Out: -165.677 ± 236.037 $\chi^2/\text{NDF}: 18.6/20$

All: -189.814 ± 174.436 $\chi^2/\text{NDF}: 38.6/38$

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: 522.787 $\pm$ 0.303 χ^2 /NDF: 75382.3/1

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 535.928 $\pm$ 0.429 χ^2 /NDF: 0.0/0

Left: 527.163 $\pm$ 0.248 χ^2 /NDF: 76007.6/2

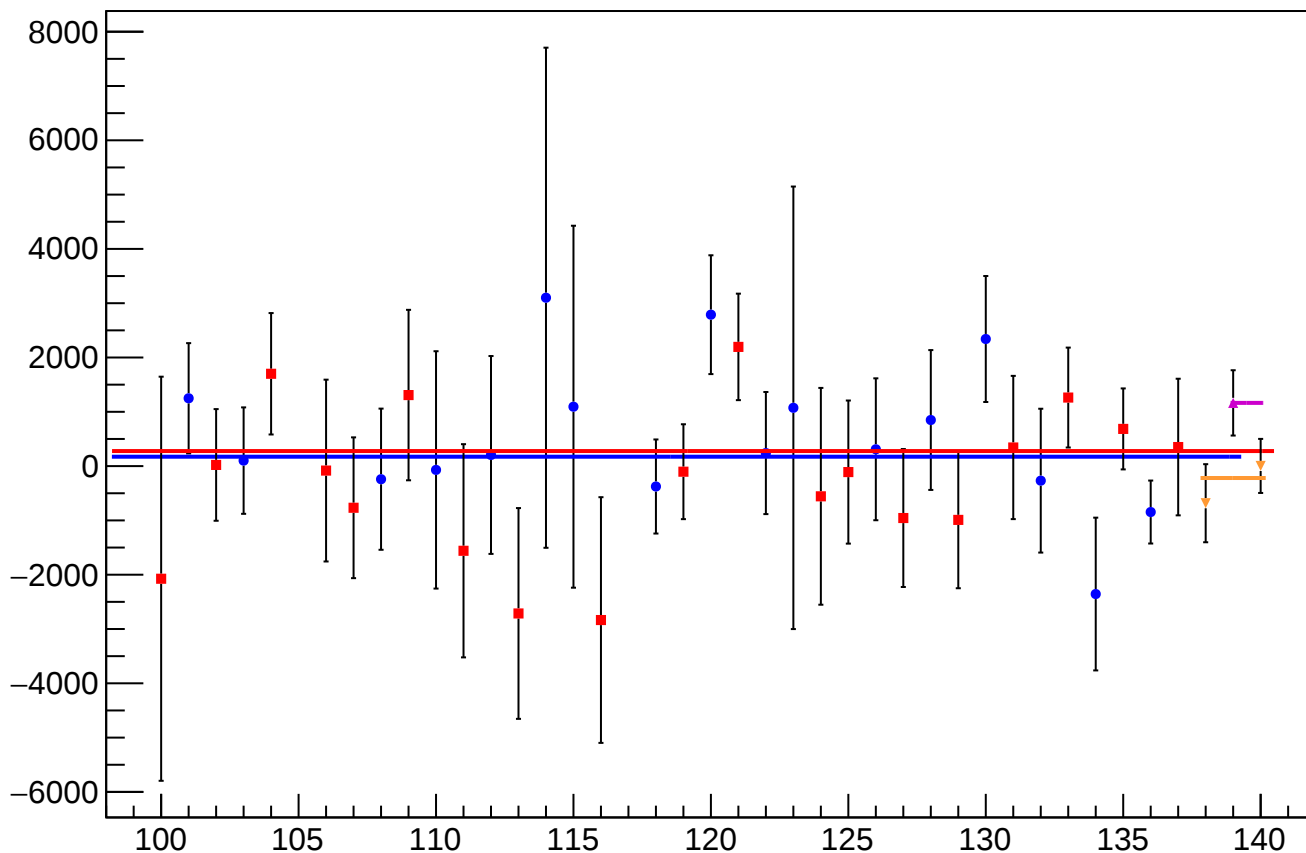
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 686.178 $\pm$ 0.183 χ^2 /NDF: 896778.1/17

Out: 666.068 $\pm$ 0.167 χ^2 /NDF: 1309296.0/20

All: 675.195 $\pm$ 0.123 χ^2 /NDF: 2212663.0/38

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -219.186+/-409.274 χ^2/NDF : 0.6/1

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 1164.228+/-601.314 χ^2/NDF : 0.0/0

Left: 218.796+/-338.340 χ^2/NDF : 4.2/2

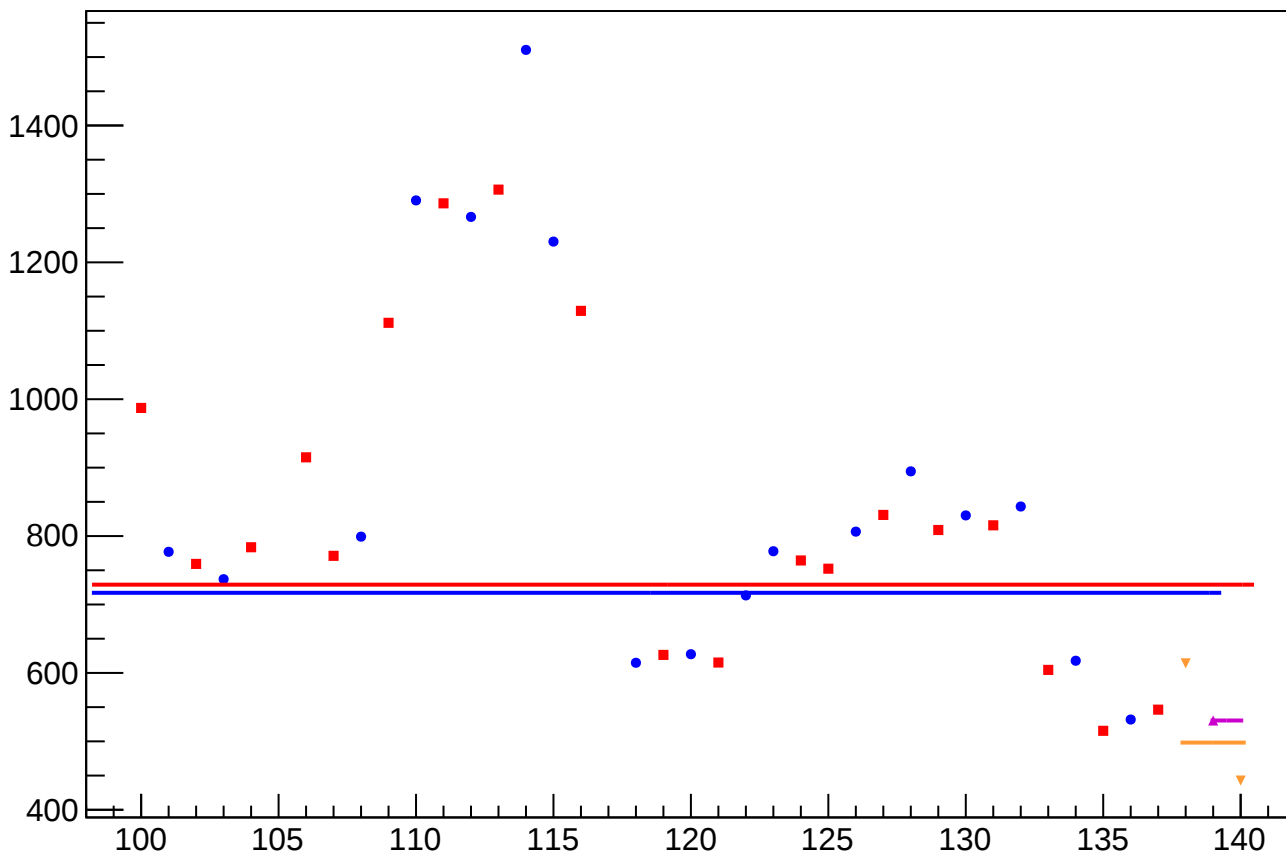
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 355.673+/-258.033 χ^2/NDF : 20.3/17

Out: 116.808+/-232.619 χ^2/NDF : 17.6/20

All: 223.901+/-172.775 χ^2/NDF : 38.4/38

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 498.202+/-0.289 χ^2/NDF : 76701.7/1

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 530.478+/-0.425 χ^2/NDF : 0.0/0

Left: 508.420+/-0.239 χ^2/NDF : 80639.4/2

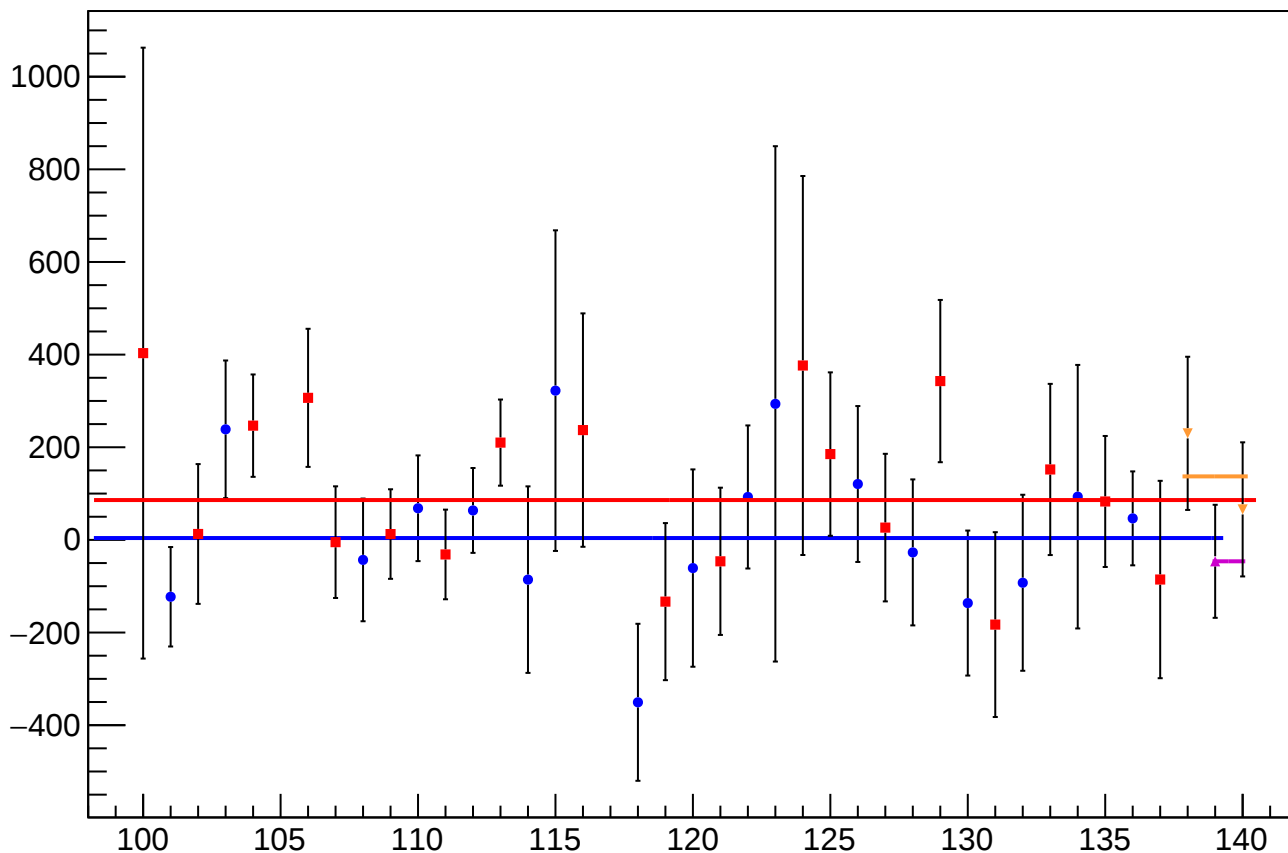
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 682.721+/-0.182 χ^2/NDF : 939590.6/17

Out: 654.435+/-0.164 χ^2/NDF : 1397937.6/20

All: 667.117+/-0.122 χ^2/NDF : 2350787.1/38

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: 137.105 ± 108.925 $\chi^2/\text{NDF}: 0.6/1$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: -46.229 ± 122.014 $\chi^2/\text{NDF}: 0.0/0$

Left: 55.795 ± 81.256 $\chi^2/\text{NDF}: 1.8/2$

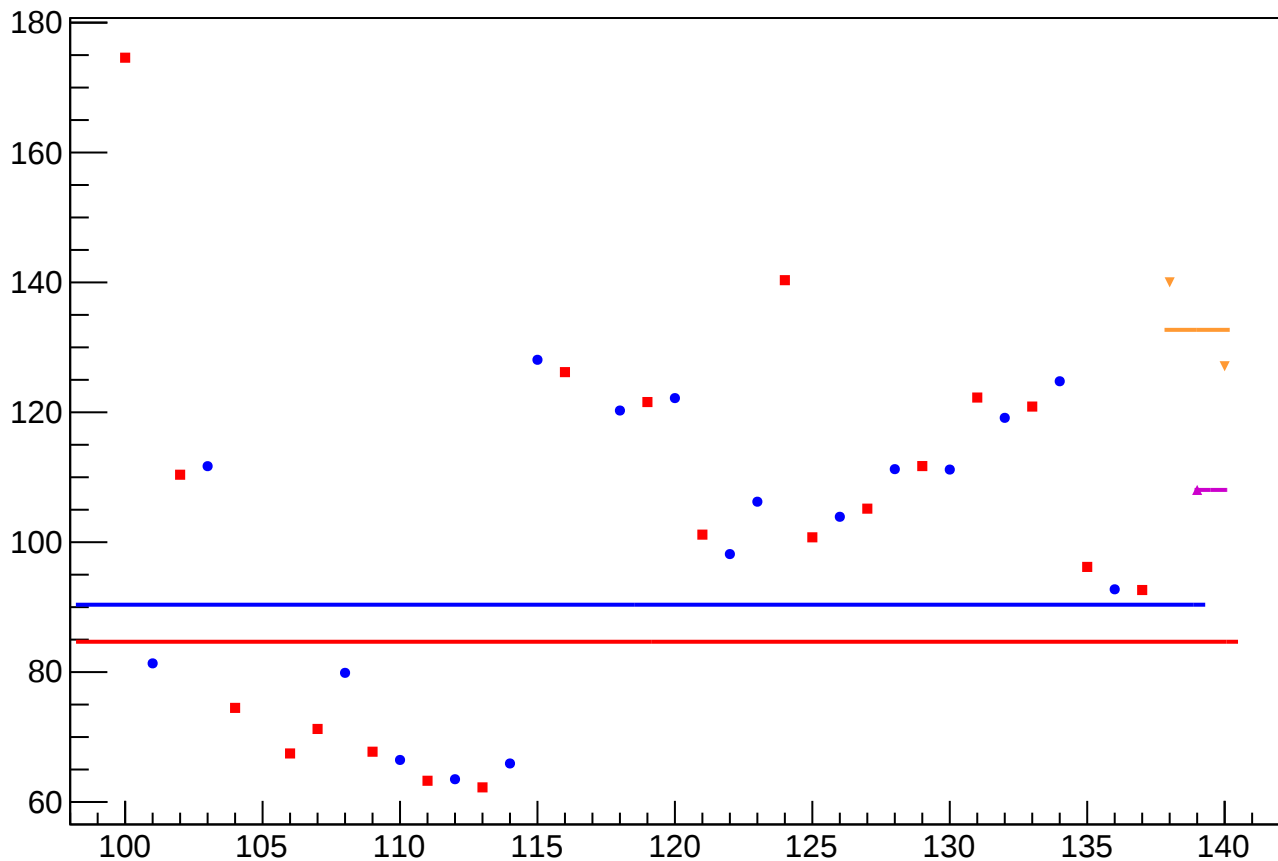
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: -0.002 ± 34.485 $\chi^2/\text{NDF}: 12.9/17$

Out: 90.403 ± 31.906 $\chi^2/\text{NDF}: 18.4/20$

All: 48.706 ± 23.420 $\chi^2/\text{NDF}: 34.9/38$

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: 132.697 $\pm$ 0.077 χ^2 /NDF: 6910.8/1

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 108.051 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left: 121.767 $\pm$ 0.057 χ^2 /NDF: 52324.3/2

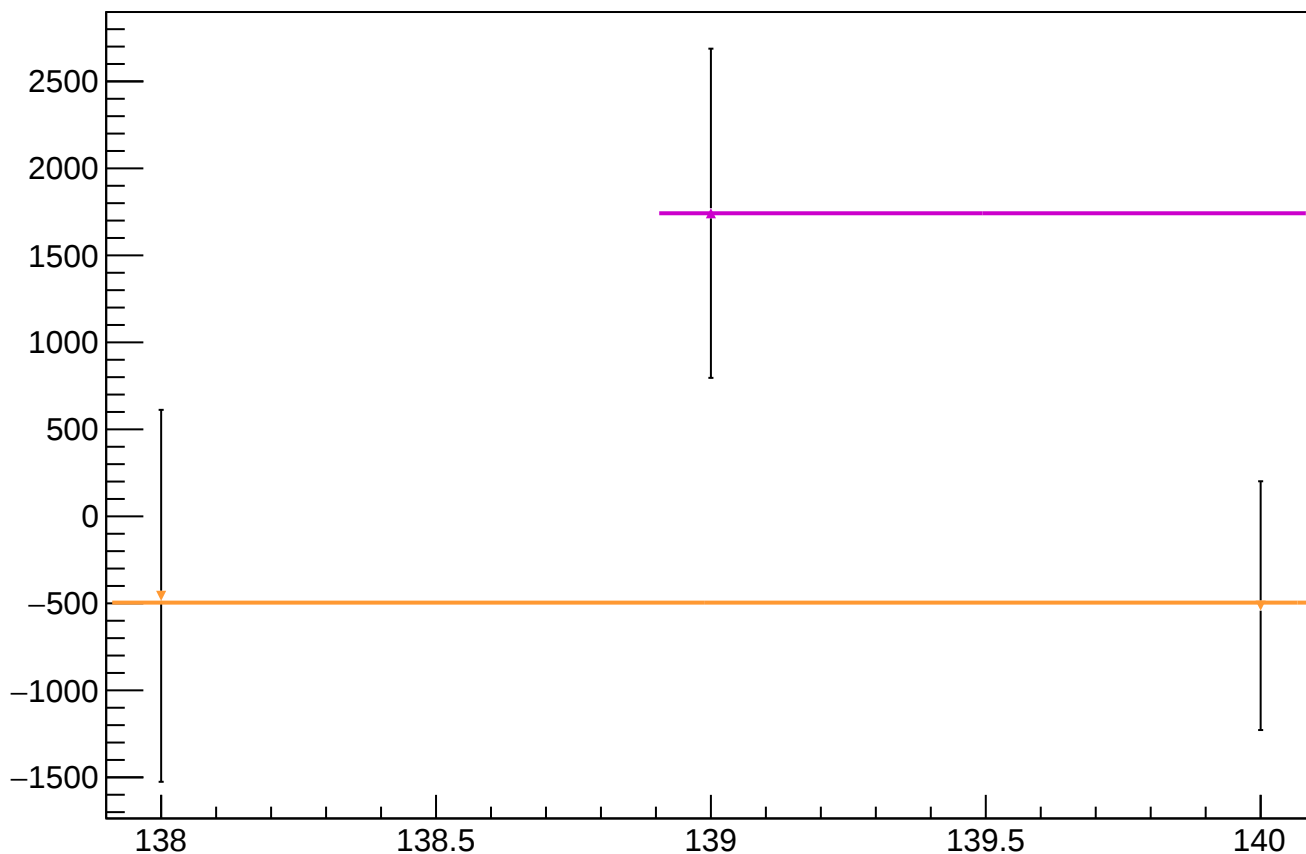
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 91.787 $\pm$ 0.024 χ^2 /NDF: 692760.2/17

Out: 88.793 $\pm$ 0.023 χ^2 /NDF: 1270456.8/20

All: 90.174 $\pm$ 0.017 χ^2 /NDF: 1971337.4/38

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -495.774+/-594.233 χ^2/NDF : 0.0/1

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

Left In: 1741.979+/-946.014 χ^2/NDF : 0.0/0

Left: 137.354+/-503.196 χ^2/NDF : 4.0/2

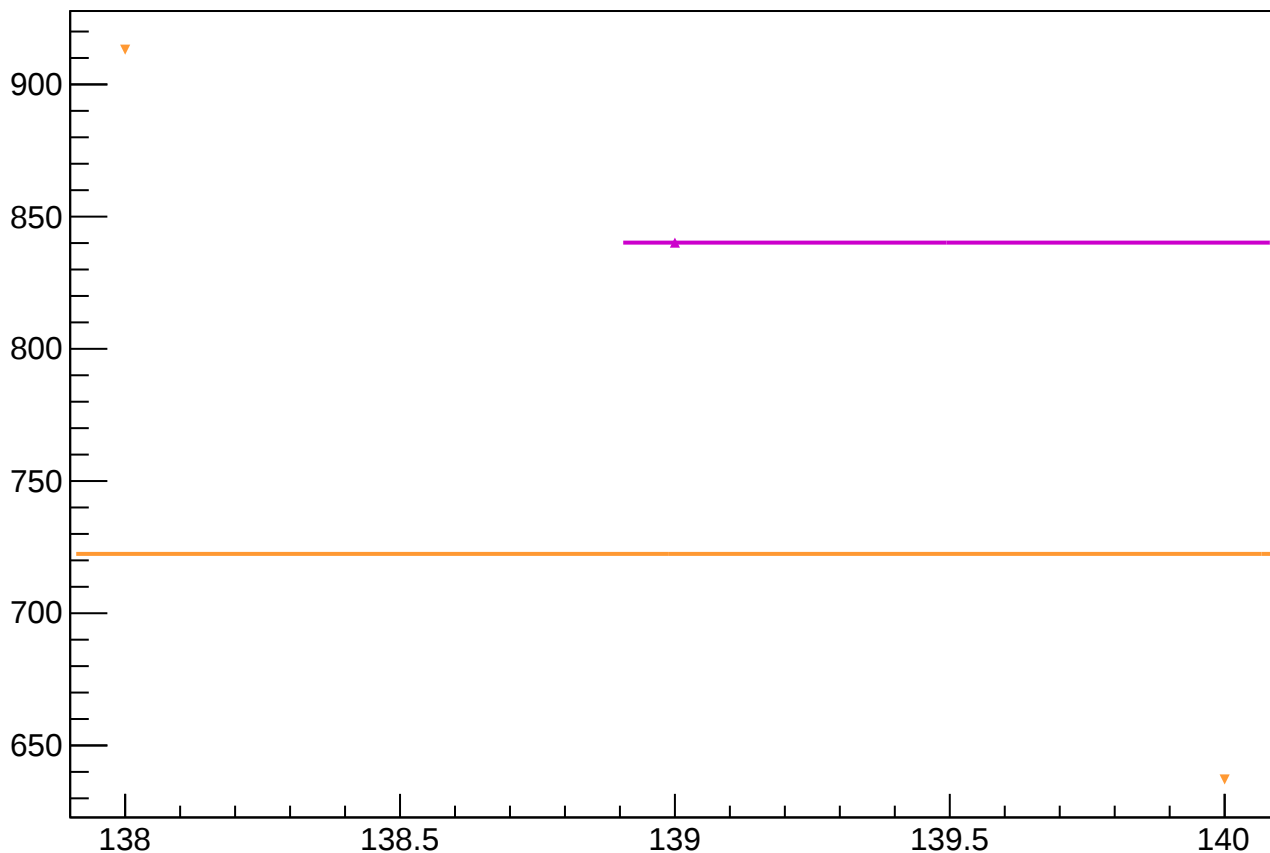
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1741.979+/-946.014 χ^2/NDF : 0.0/0

Out: -495.774+/-594.233 χ^2/NDF : 0.0/1

All: 137.354+/-503.196 χ^2/NDF : 4.0/2

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

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

Left In: 840.168+/-0.669 χ^2/NDF : 0.0/0

Left: 755.752+/-0.356 χ^2/NDF : 114348.7/2

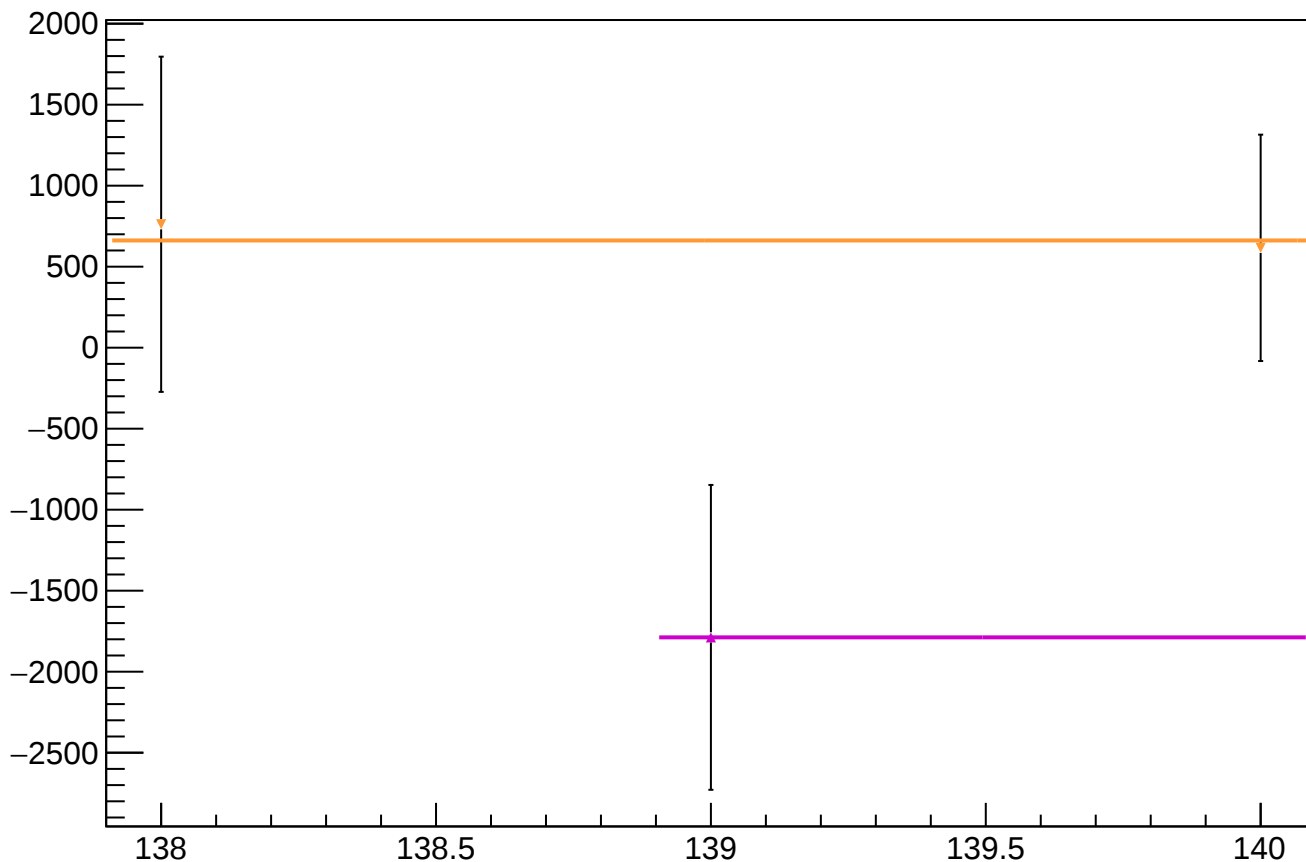
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.168+/-0.669 χ^2/NDF : 0.0/0

Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

All: 755.752+/-0.356 χ^2/NDF : 114348.7/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

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

Left In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Left: -11.139+/-493.114 χ^2/NDF : 4.9/2

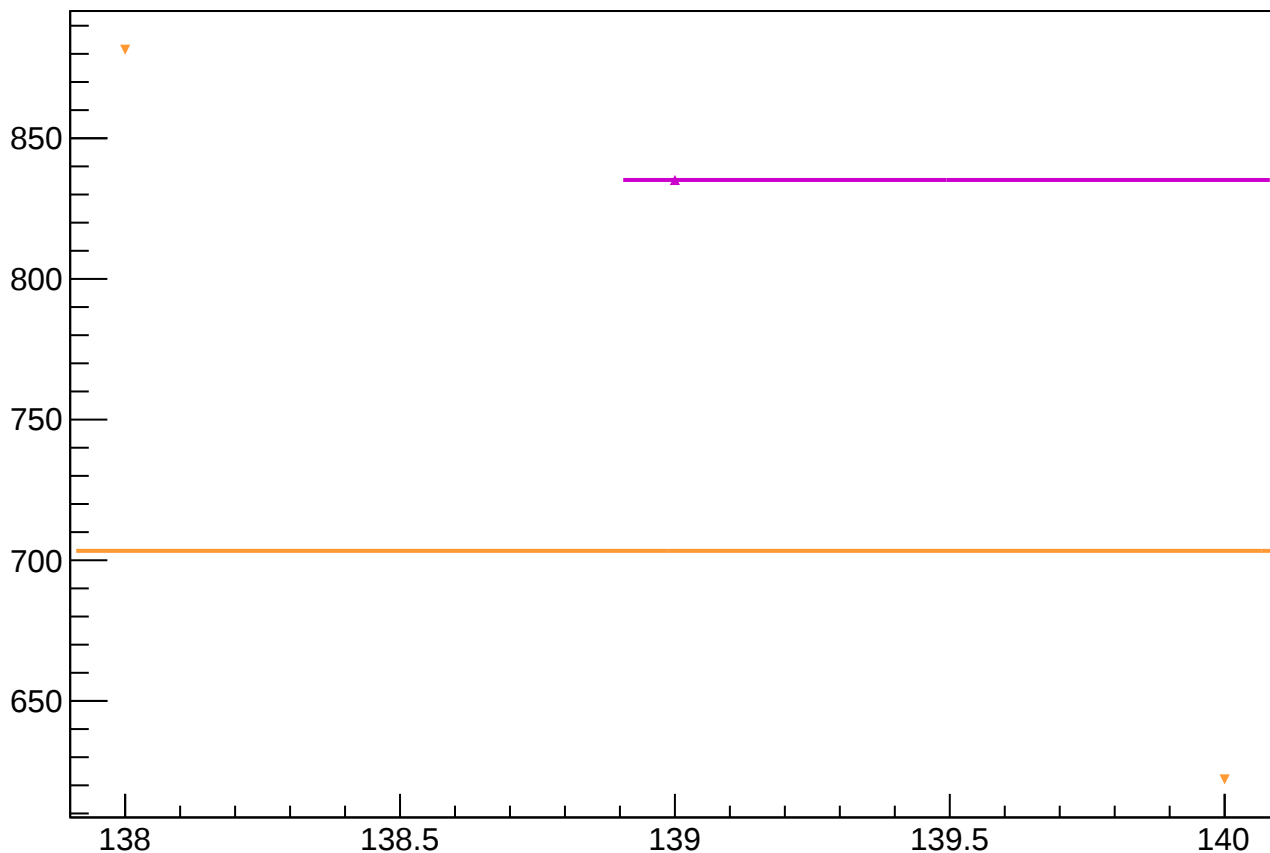
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

All: -11.139+/-493.114 χ^2/NDF : 4.9/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

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

Left In: 835.174+/-0.665 χ^2/NDF : 0.0/0

Left: 739.558+/-0.349 χ^2/NDF : 114805.0/2

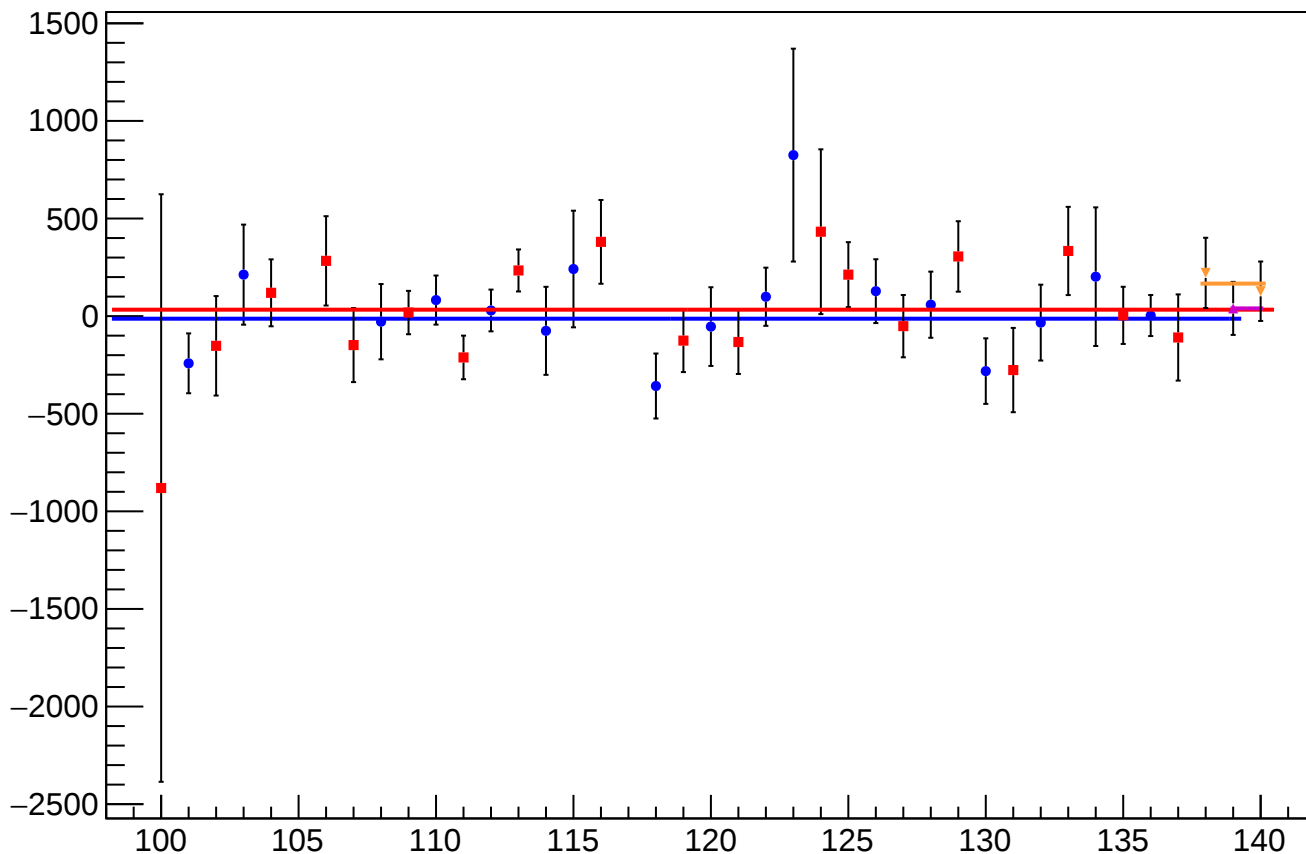
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 835.174+/-0.665 χ^2/NDF : 0.0/0

Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

All: 739.558+/-0.349 χ^2/NDF : 114805.0/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 166.677 ± 116.232 χ^2/NDF : 0.2/1

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 39.596 ± 135.777 χ^2/NDF : 0.0/0

Left: 112.934 ± 88.298 χ^2/NDF : 0.7/2

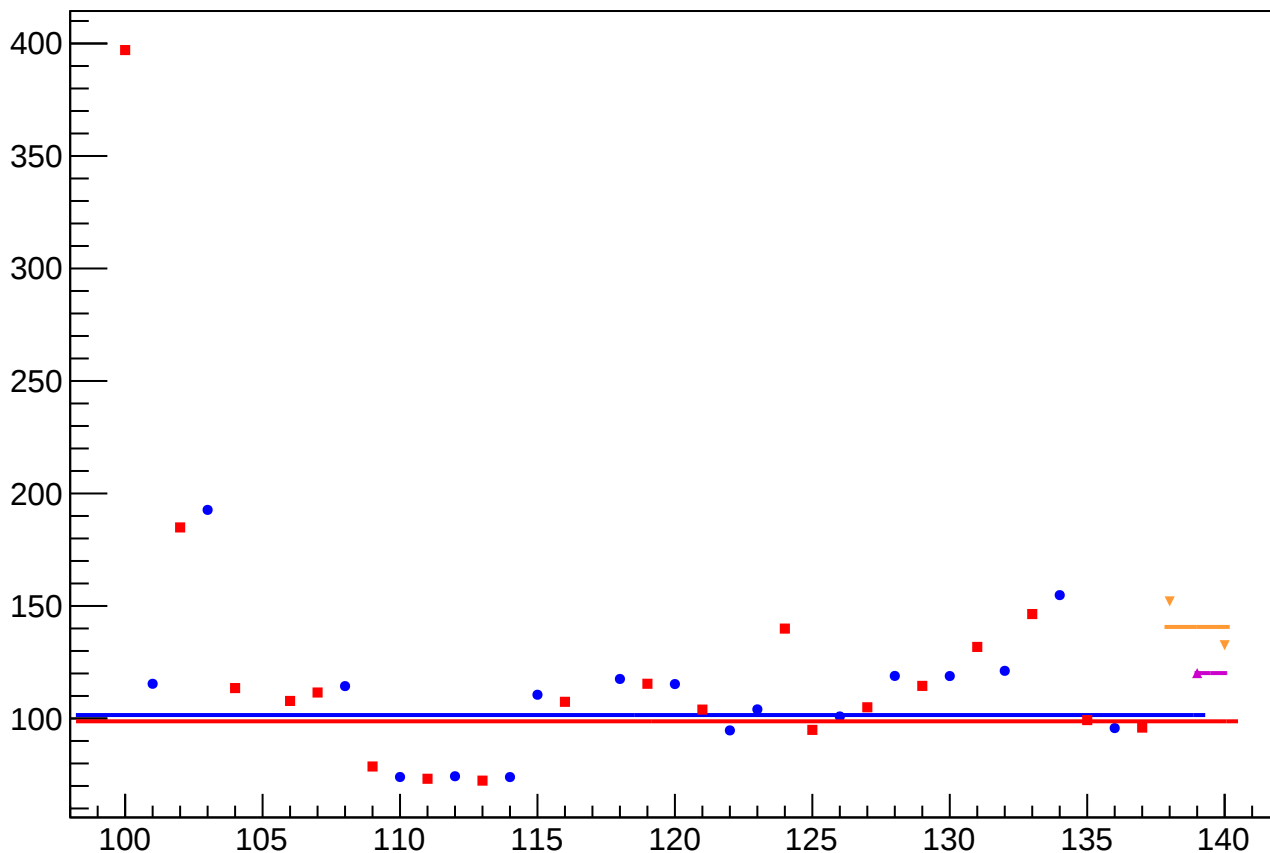
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: -8.890 ± 38.858 χ^2/NDF : 15.8/17

Out: 46.475 ± 36.870 χ^2/NDF : 26.4/20

All: 20.245 ± 26.746 χ^2/NDF : 43.3/38

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 140.680 $\pm$ 0.082 χ^2 /NDF:13652.0/1

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 120.169 $\pm$ 0.096 χ^2 /NDF:0.0/0

Left: 132.006 $\pm$ 0.062 χ^2 /NDF: 39991.0/2

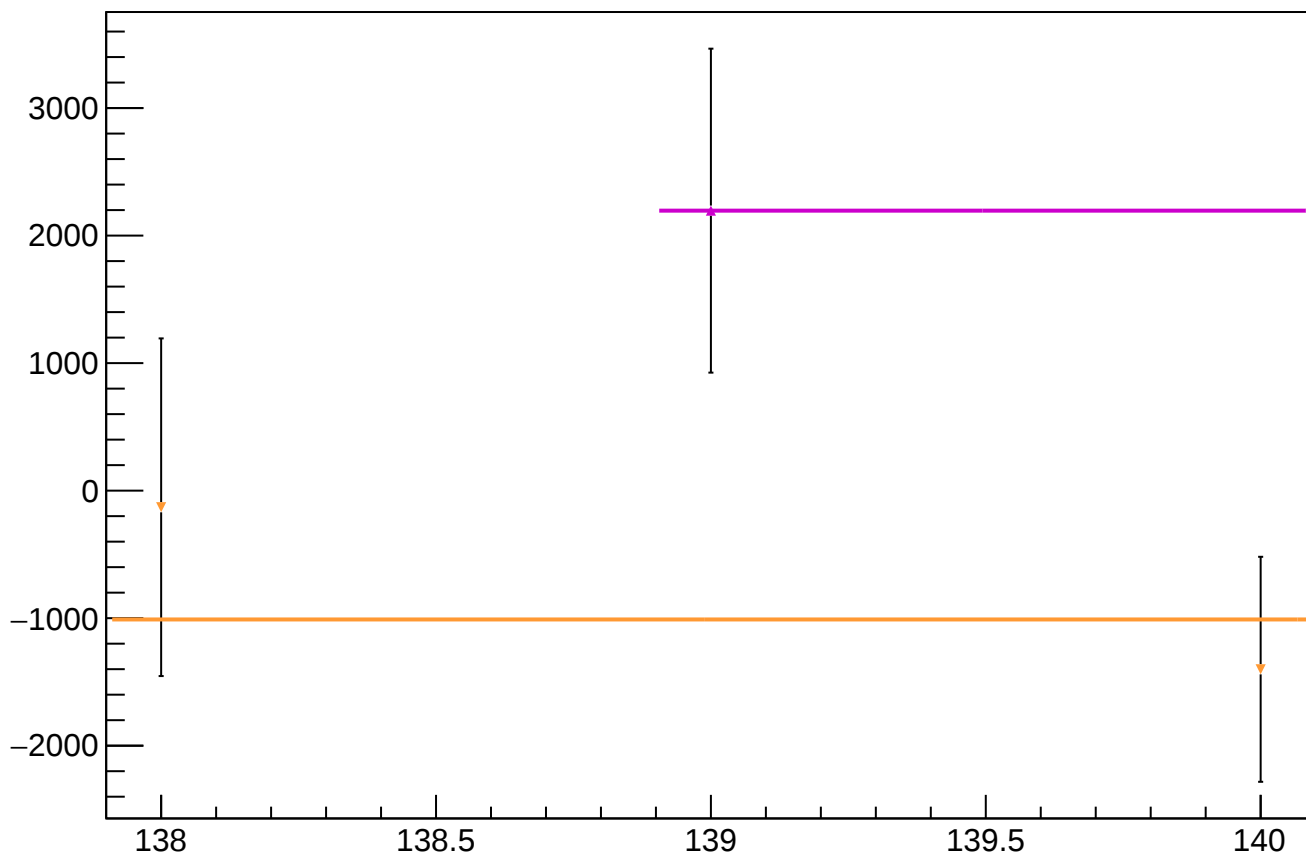
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.047 $\pm$ 0.027 χ^2 /NDF:716356.8/17

Out: 102.956 $\pm$ 0.026 χ^2 /NDF:1073524.7/20

All: 102.999 $\pm$ 0.019 χ^2 /NDF: 1789887.2/38

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1010.164+/-734.135 χ^2/NDF : 0.6/1

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

Left In: 2195.600+/-1270.182 χ^2/NDF : 0.0/0

Left: -207.419+/-635.607 χ^2/NDF : 5.4/2

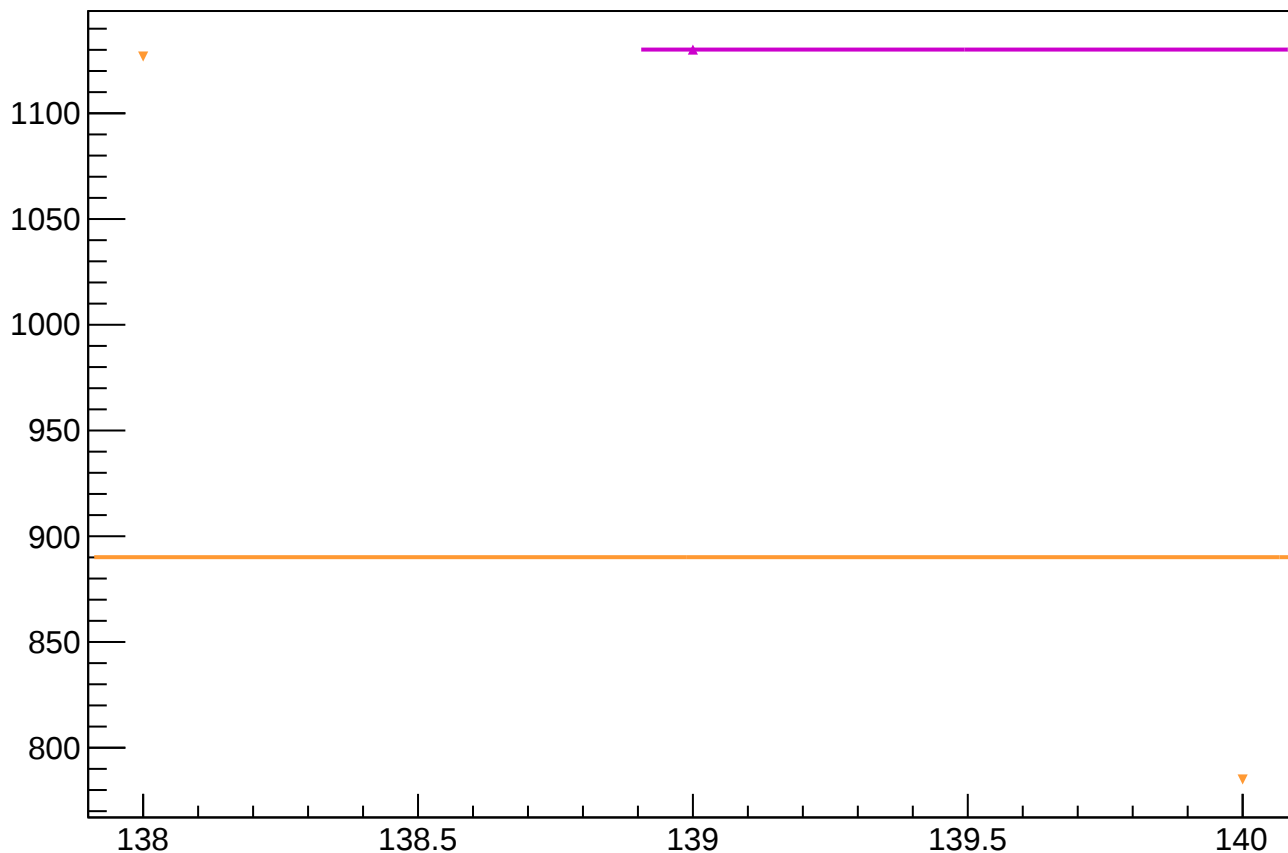
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2195.600+/-1270.182 χ^2/NDF : 0.0/0

Out: -1010.164+/-734.135 χ^2/NDF : 0.6/1

All: -207.419+/-635.607 χ^2/NDF : 5.4/2

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 890.103+/-0.519 χ^2/NDF : 92345.8/1

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

Left In: 1130.131+/-0.898 χ^2/NDF : 0.0/0

Left: 950.208+/-0.449 χ^2/NDF : 145881.9/2

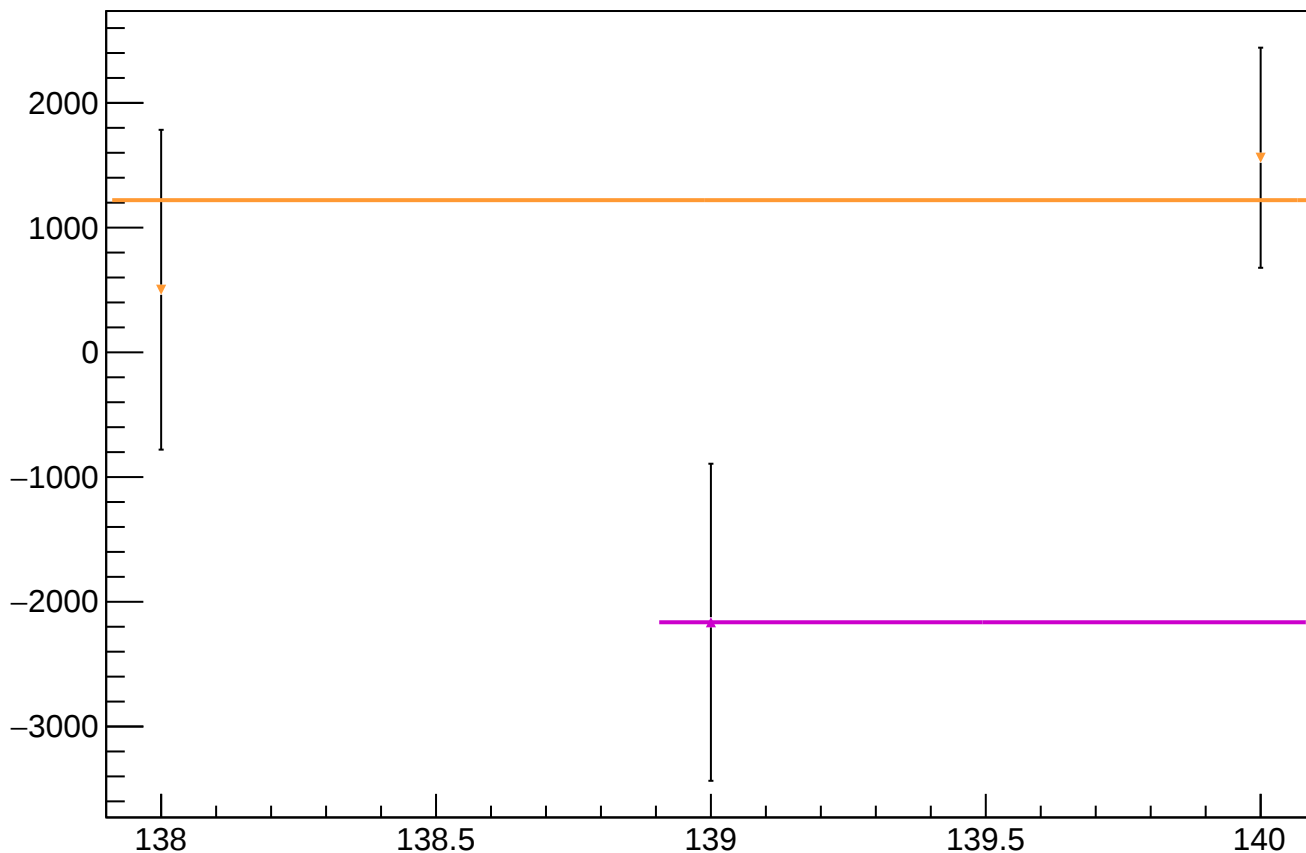
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.131+/-0.898 χ^2/NDF : 0.0/0

Out: 890.103+/-0.519 χ^2/NDF : 92345.8/1

All: 950.208+/-0.449 χ^2/NDF : 145881.9/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

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

Left In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Left: 386.155+/-630.992 χ^2/NDF : 5.8/2

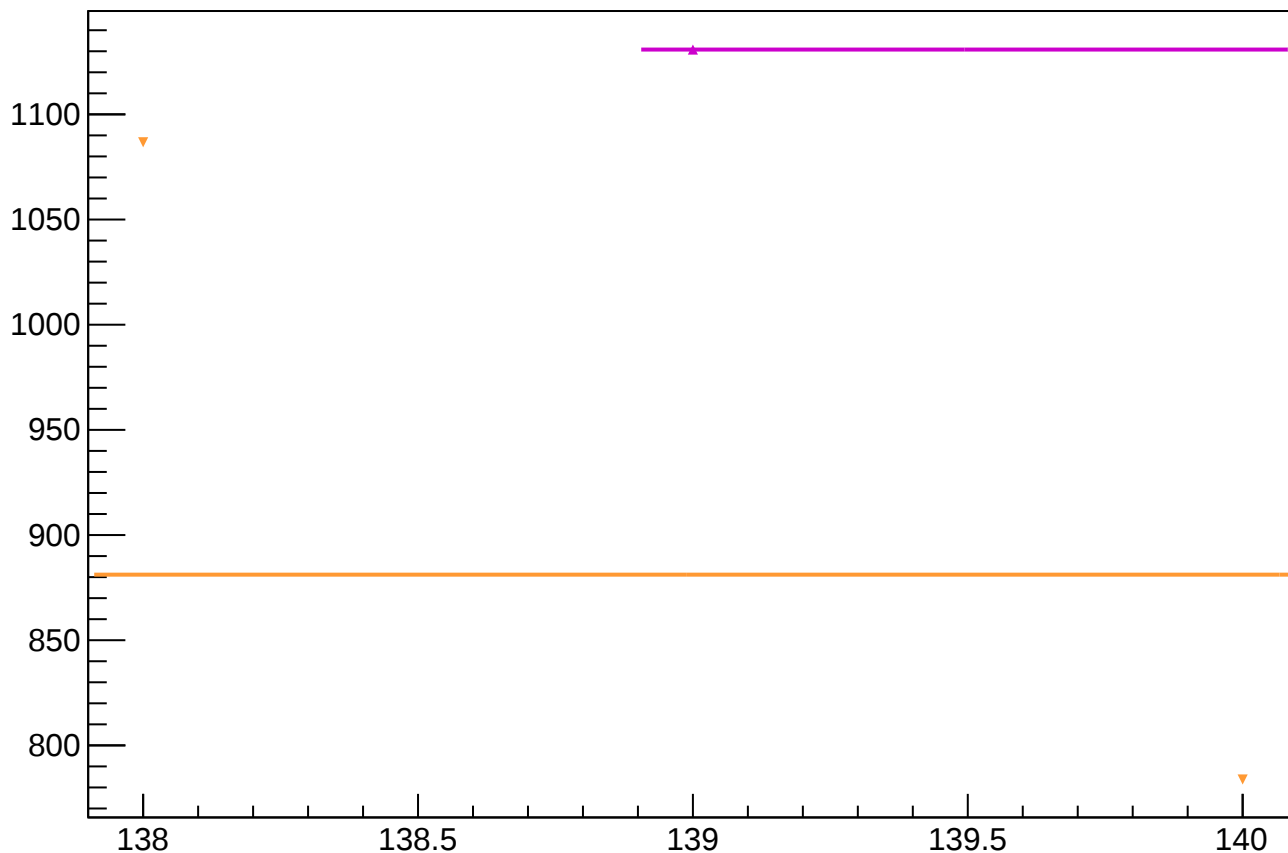
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

All: 386.155+/-630.992 χ^2/NDF : 5.8/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

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

Left In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Left: 942.691+/-0.446 χ^2/NDF : 133907.9/2

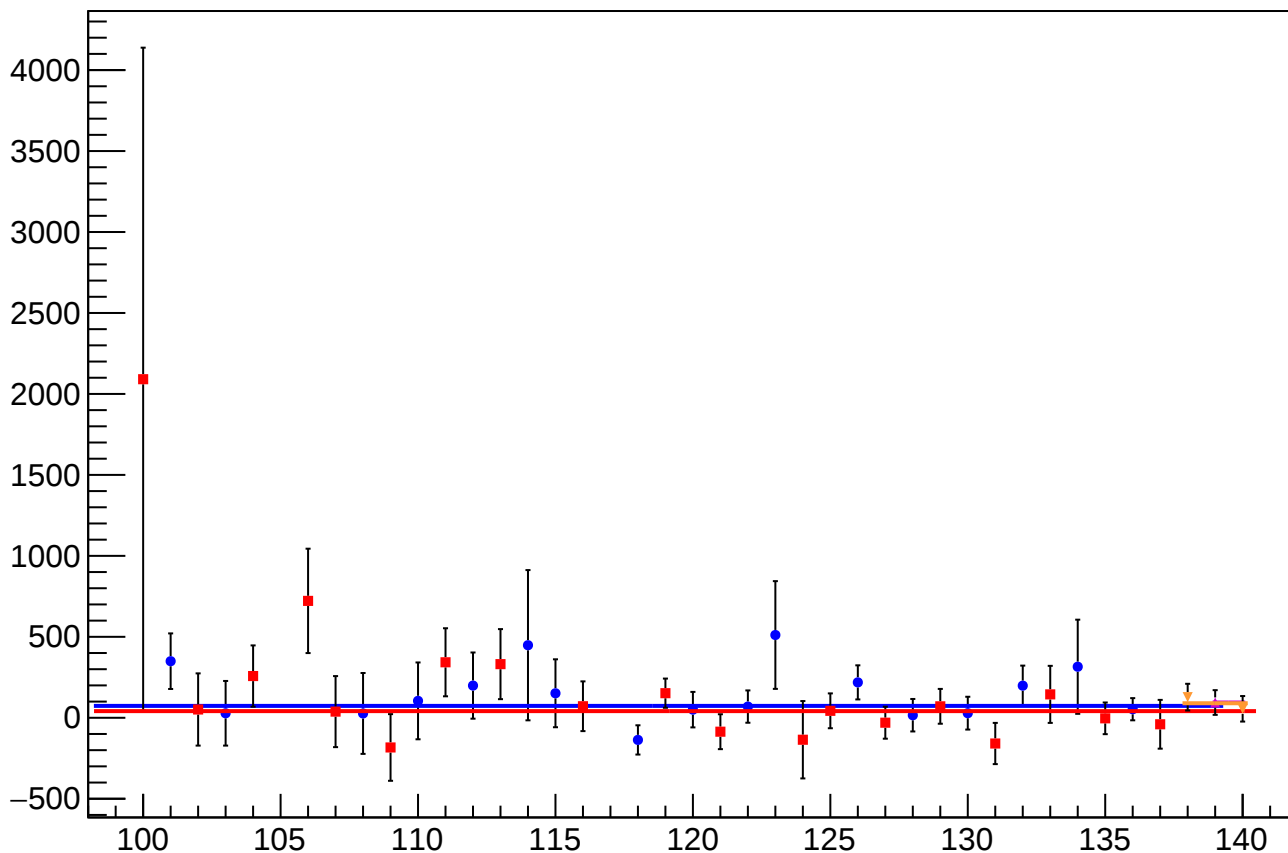
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

All: 942.691+/-0.446 χ^2/NDF : 133907.9/2

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: 89.770 $\pm$ 56.969 χ^2 /NDF:0.4/1

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 94.361 $\pm$ 76.265 χ^2 /NDF:0.0/0

Left: 91.414 $\pm$ 45.641 χ^2 /NDF: 0.4/2

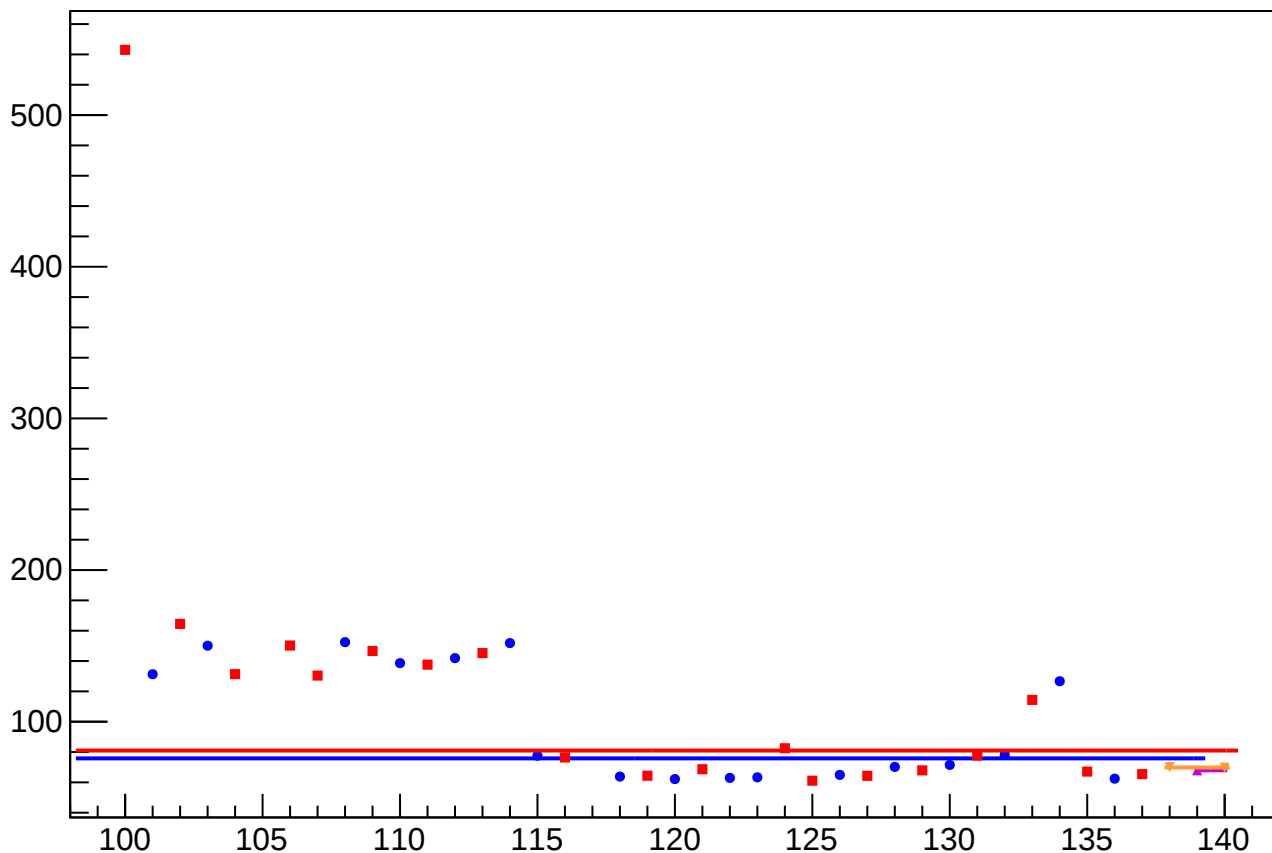
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 76.423 $\pm$ 28.766 χ^2 /NDF:15.3/17

Out: 53.197 $\pm$ 28.387 χ^2 /NDF:20.2/20

All: 64.656 $\pm$ 20.205 χ^2 /NDF: 35.8/38

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: 69.811 $\pm$ 0.040 χ^2 /NDF: 27.6/1

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 67.951 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left: 69.145 $\pm$ 0.032 χ^2 /NDF: 791.5/2

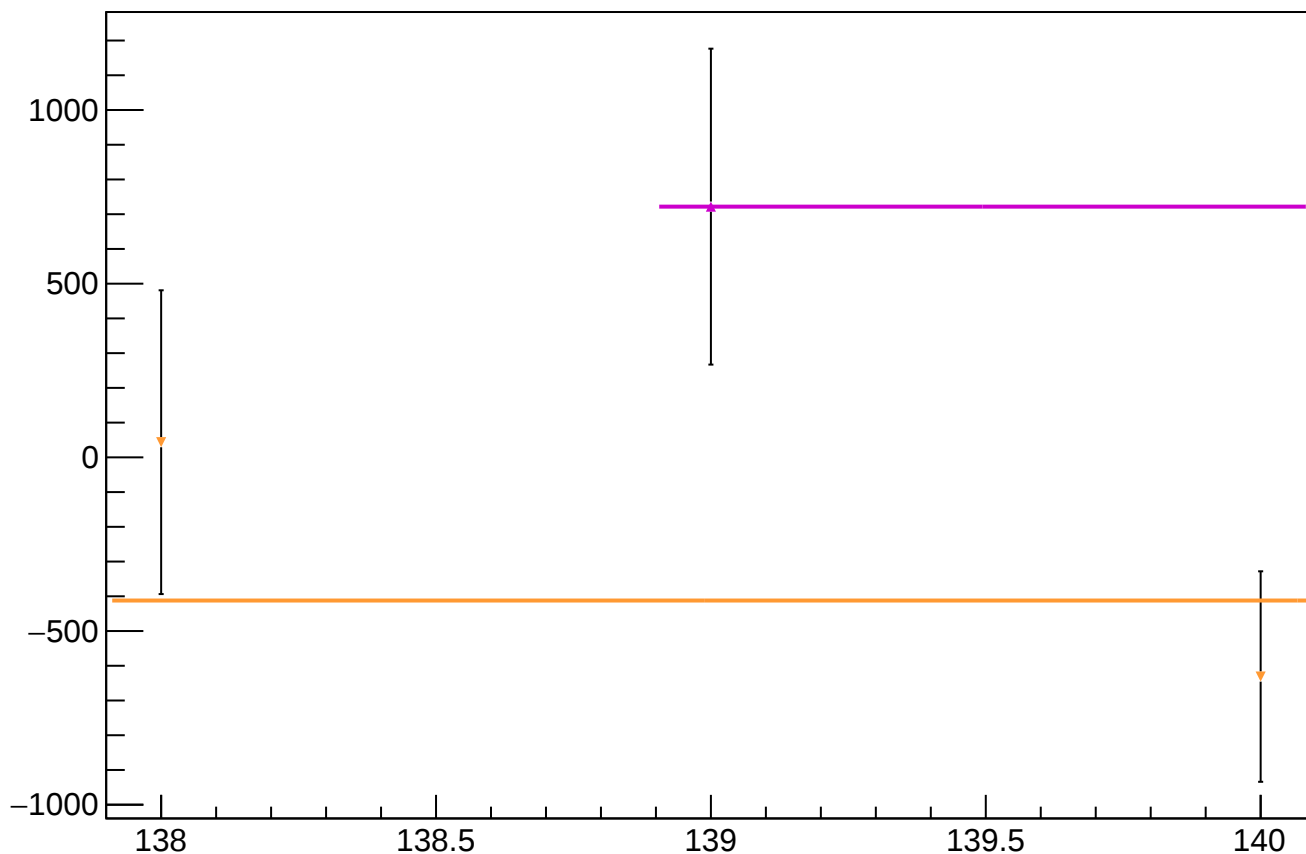
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 74.700 $\pm$ 0.020 χ^2 /NDF: 1368224.3/17

Out: 78.222 $\pm$ 0.020 χ^2 /NDF: 1685912.8/20

All: 76.484 $\pm$ 0.014 χ^2 /NDF: 3069321.2/38

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -412.176 $\pm$ 249.050 χ^2 /NDF:1.6/1

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

Left In: 721.793 $\pm$ 454.767 χ^2 /NDF:0.0/0

Left: -150.550 $\pm$ 218.439 χ^2 /NDF: 6.4/2

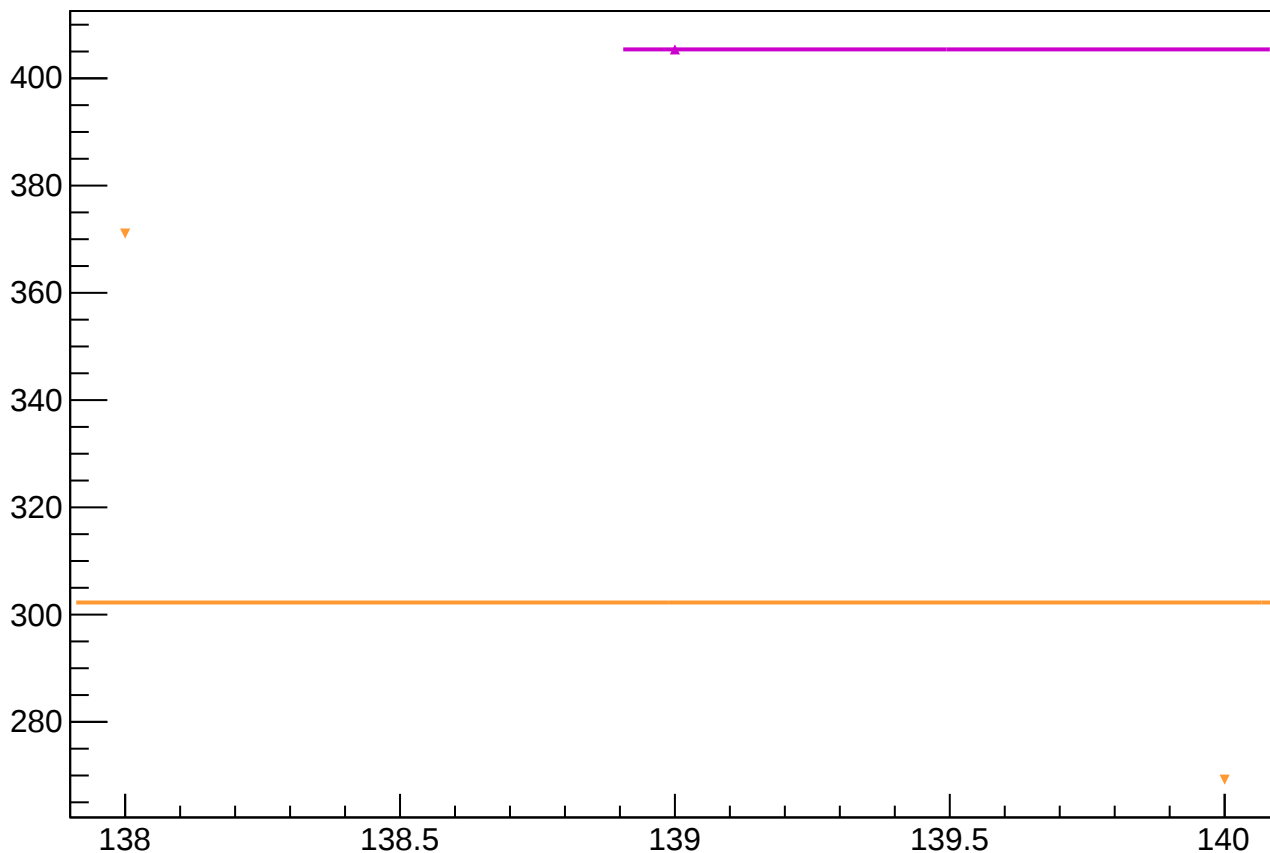
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 721.793 $\pm$ 454.767 χ^2 /NDF:0.0/0

Out: -412.176 $\pm$ 249.050 χ^2 /NDF:1.6/1

All: -150.550 $\pm$ 218.439 χ^2 /NDF: 6.4/2

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

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

Left In: 405.396+/-0.322 χ^2/NDF : 0.0/0

Left: 326.054+/-0.154 χ^2/NDF : 152412.5/2

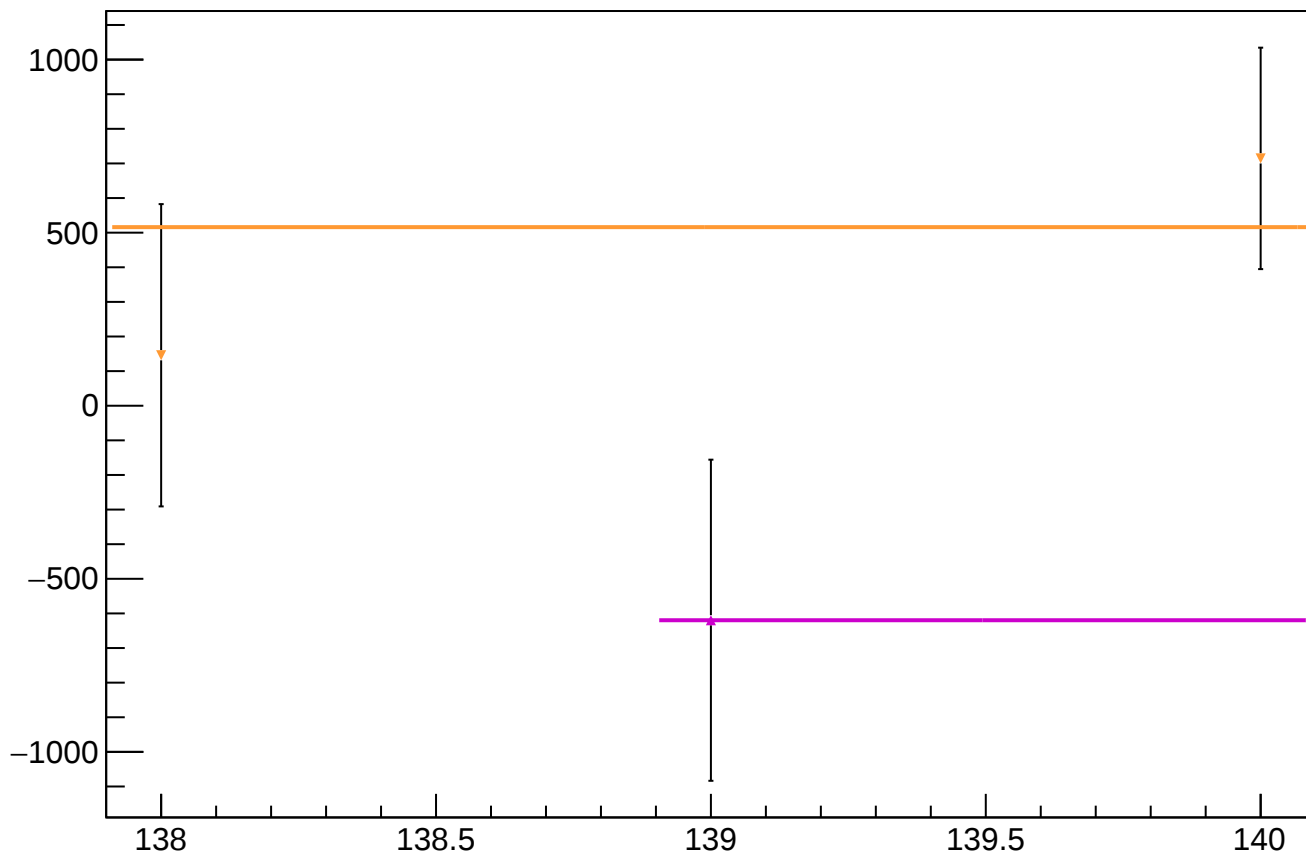
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.396+/-0.322 χ^2/NDF : 0.0/0

Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

All: 326.054+/-0.154 χ^2/NDF : 152412.5/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 515.964+/-258.045 χ^2/NDF :1.1/1

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

Left In: -619.697+/-463.863 χ^2/NDF :0.0/0

Left: 247.573+/-225.501 χ^2/NDF : 5.7/2

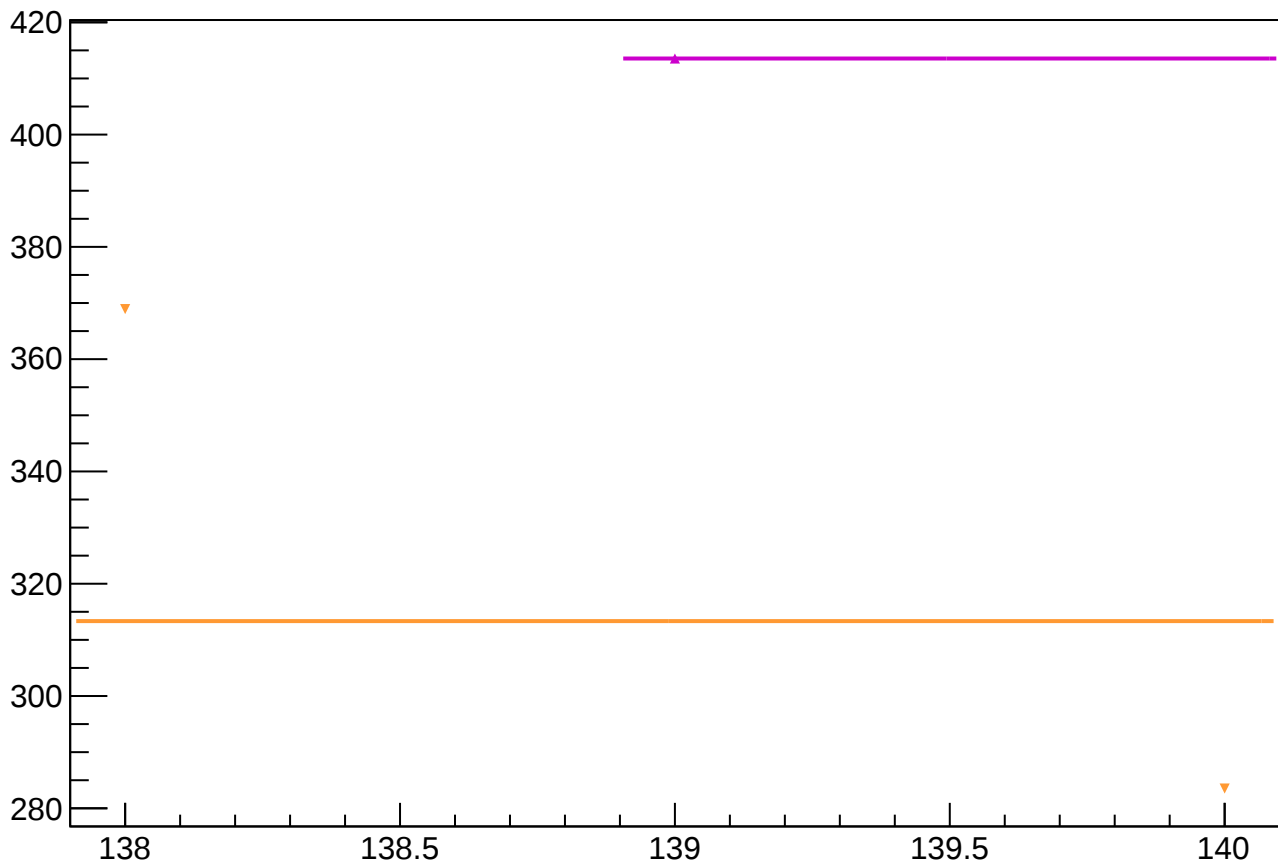
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -619.697+/-463.863 χ^2/NDF :0.0/0

Out: 515.964+/-258.045 χ^2/NDF :1.1/1

All: 247.573+/-225.501 χ^2/NDF : 5.7/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

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

Left In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Left: 337.025+/-0.159 χ^2/NDF : 121058.7/2

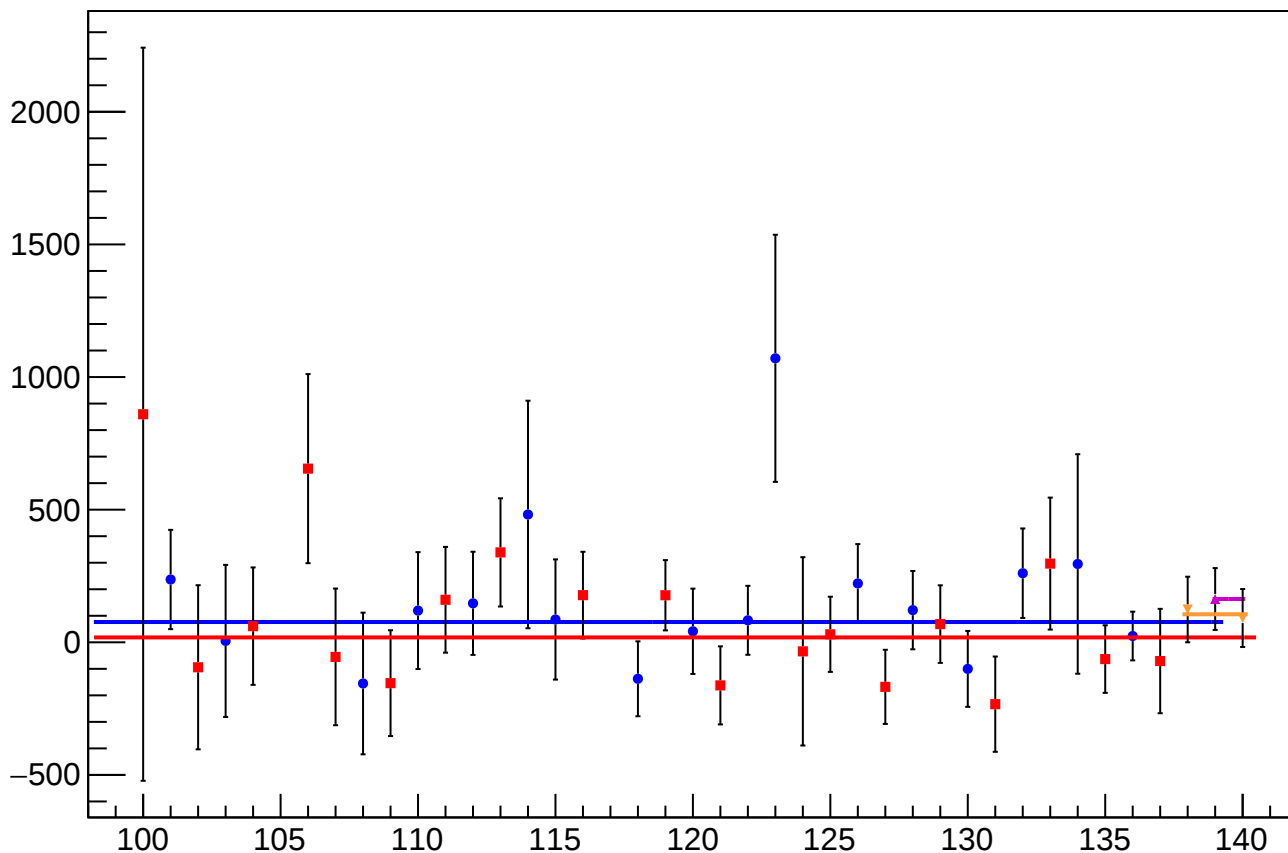
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

All: 337.025+/-0.159 χ^2/NDF : 121058.7/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 105.645 $\pm$ 81.892 χ^2 /NDF:0.0/1

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 163.249 $\pm$ 116.587 χ^2 /NDF:0.0/0

Left: 124.676 $\pm$ 67.012 χ^2 /NDF: 0.2/2

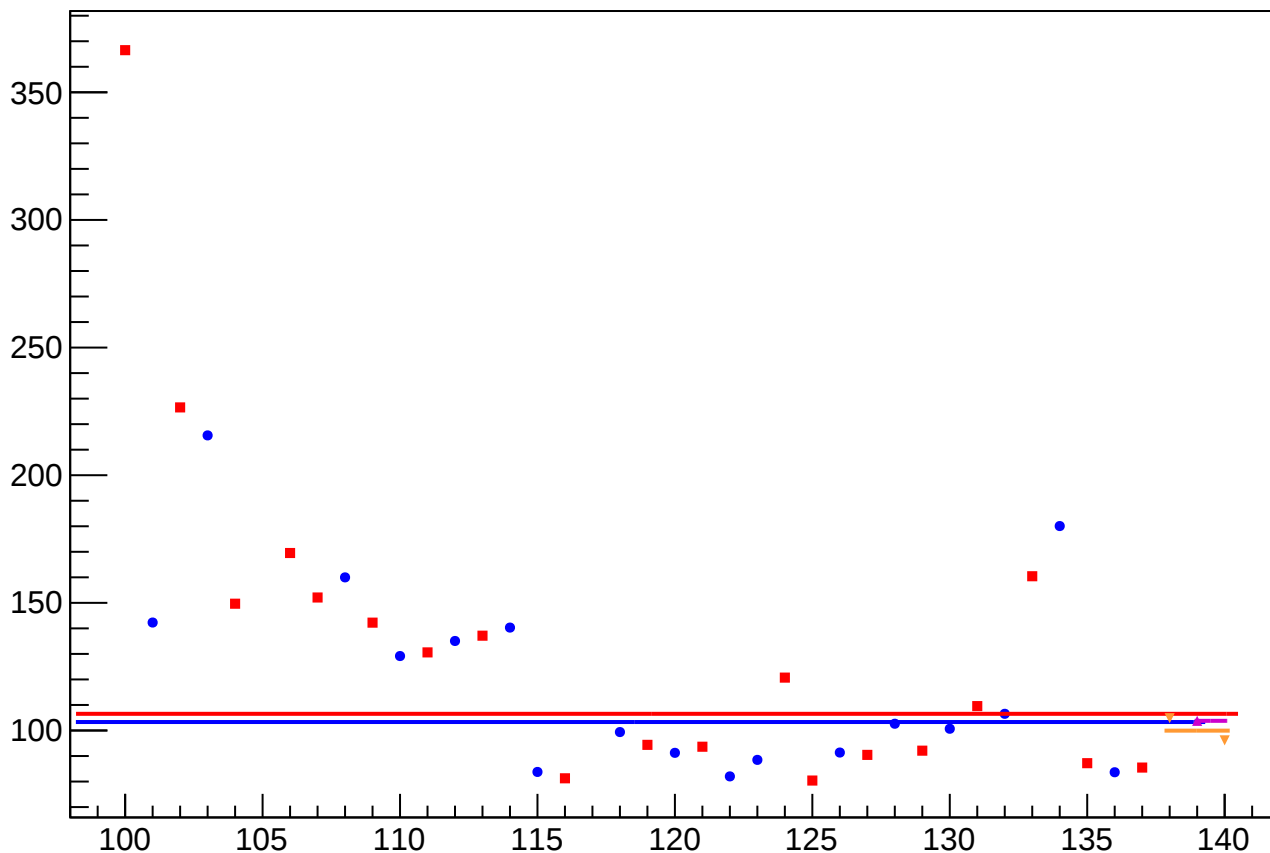
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 86.282 $\pm$ 39.145 χ^2 /NDF:14.4/17

Out: 36.754 $\pm$ 37.567 χ^2 /NDF:18.1/20

All: 60.500 $\pm$ 27.104 χ^2 /NDF: 33.3/38

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 99.946+/-0.058 χ^2/NDF : 5546.6/1

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 103.787+/-0.082 χ^2/NDF : 0.0/0

Left: 101.215+/-0.047 χ^2/NDF : 7000.5/2

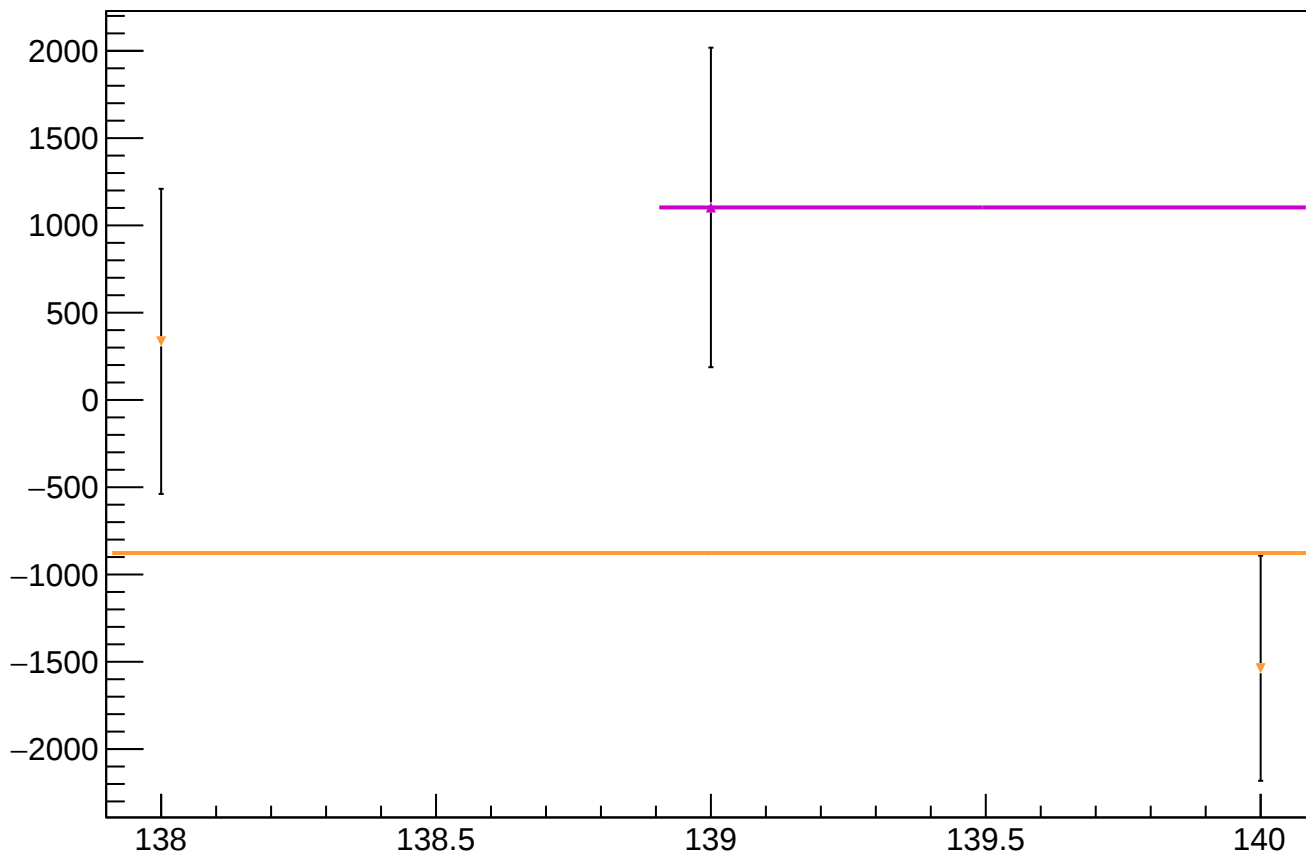
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 103.371+/-0.028 χ^2/NDF : 837830.5/17

Out: 105.146+/-0.027 χ^2/NDF : 1087316.1/20

All: 104.295+/-0.019 χ^2/NDF : 1927288.7/38

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -876.632+/-518.923 χ^2/NDF : 3.0/1

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

Left In: 1102.912+/-915.288 χ^2/NDF : 0.0/0

Left: -395.117+/-451.419 χ^2/NDF : 6.5/2

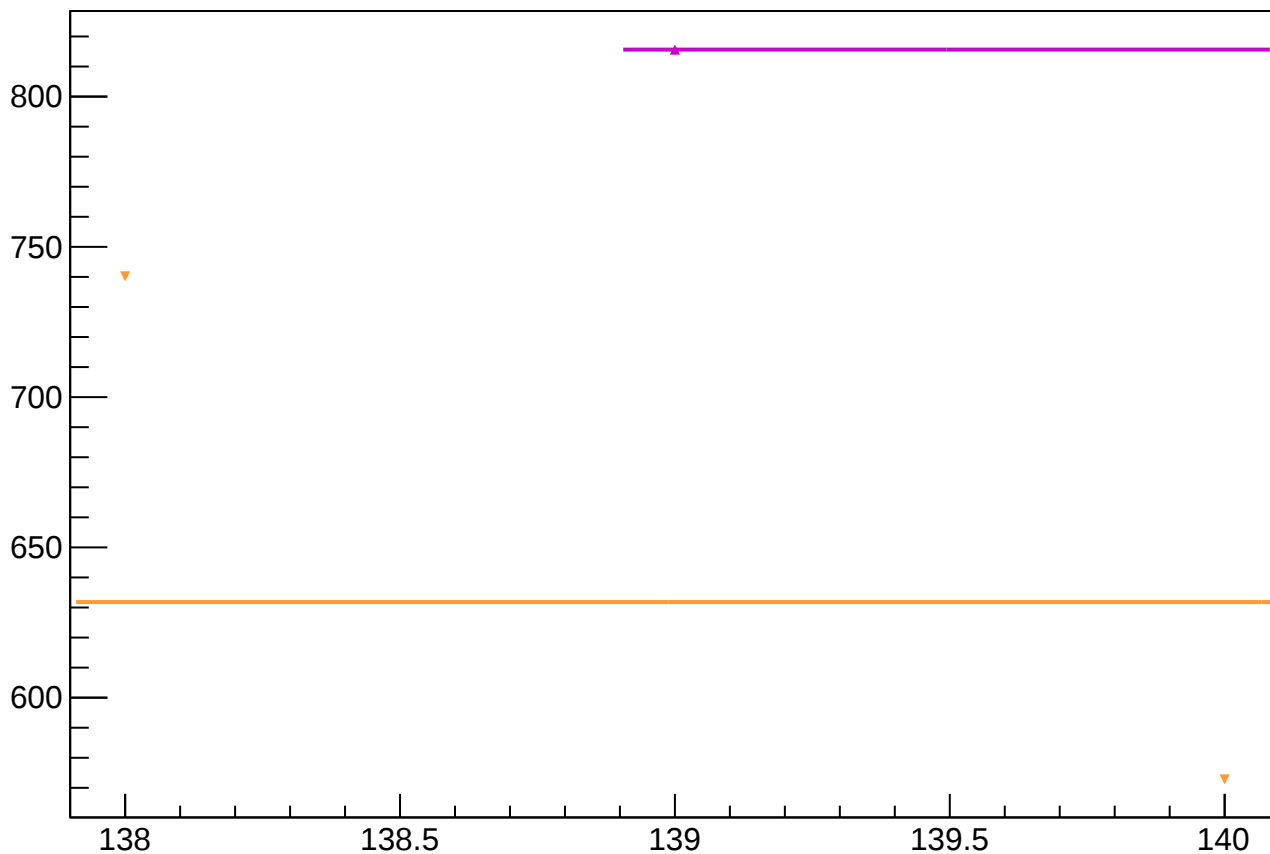
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1102.912+/-915.288 χ^2/NDF : 0.0/0

Out: -876.632+/-518.923 χ^2/NDF : 3.0/1

All: -395.117+/-451.419 χ^2/NDF : 6.5/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

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

Left In: 815.630+/-0.647 χ^2/NDF : 0.0/0

Left: 676.526+/-0.319 χ^2/NDF : 108542.0/2

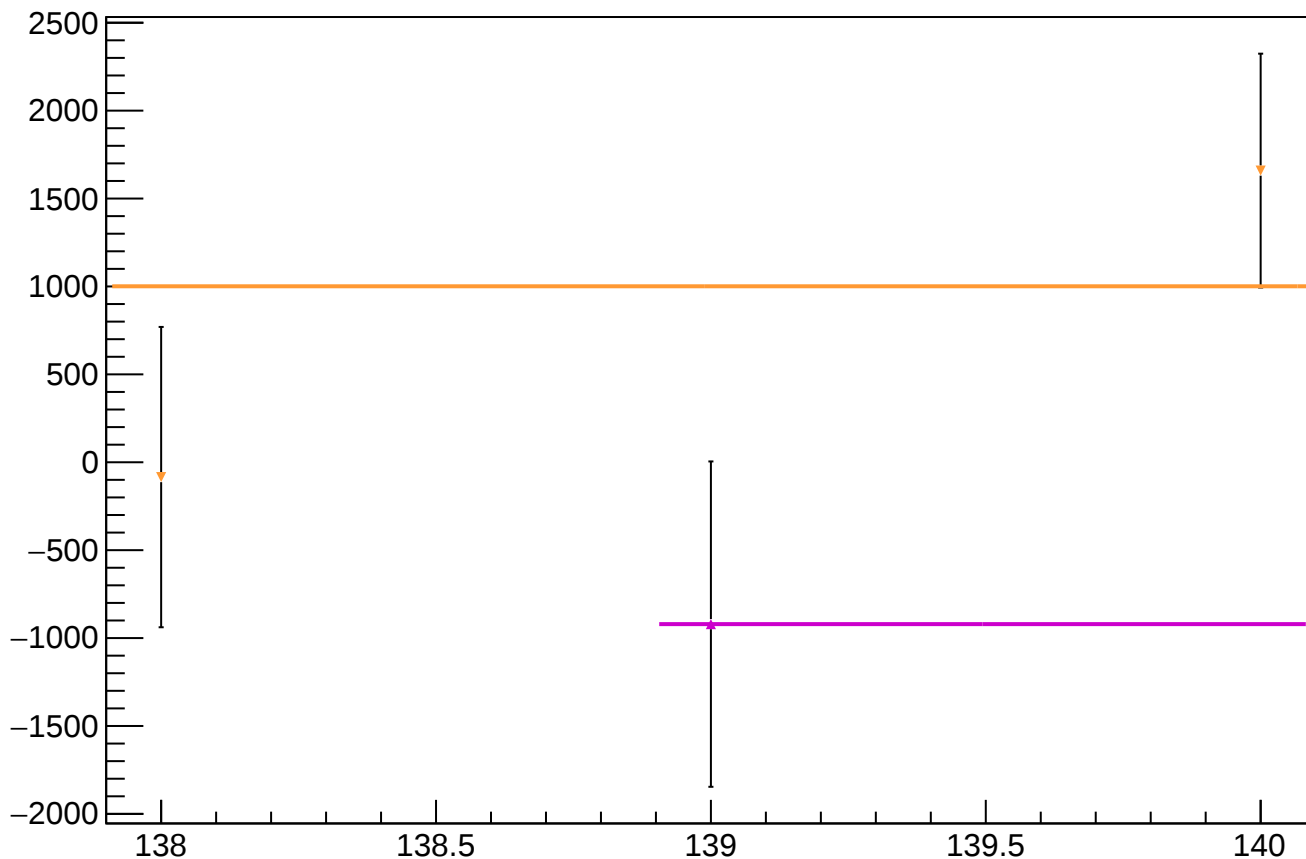
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 815.630+/-0.647 χ^2/NDF : 0.0/0

Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

All: 676.526+/-0.319 χ^2/NDF : 108542.0/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

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

Left In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Left: 533.344+/-456.448 χ^2/NDF : 5.9/2

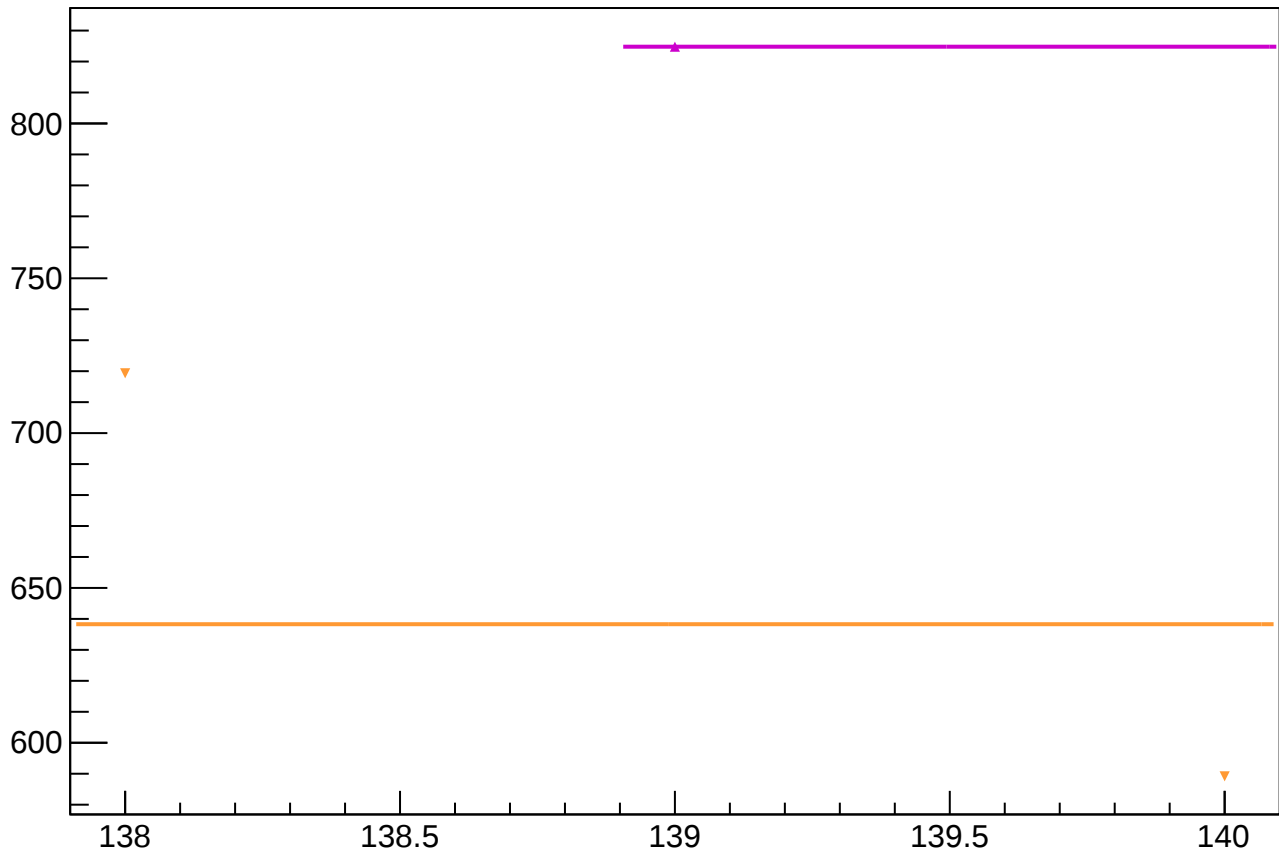
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

All: 533.344+/-456.448 χ^2/NDF : 5.9/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

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

Left In: 824.793+/-0.654 χ^2/NDF :0.0/0

Left: 683.671+/-0.323 χ^2/NDF : 90400.5/2

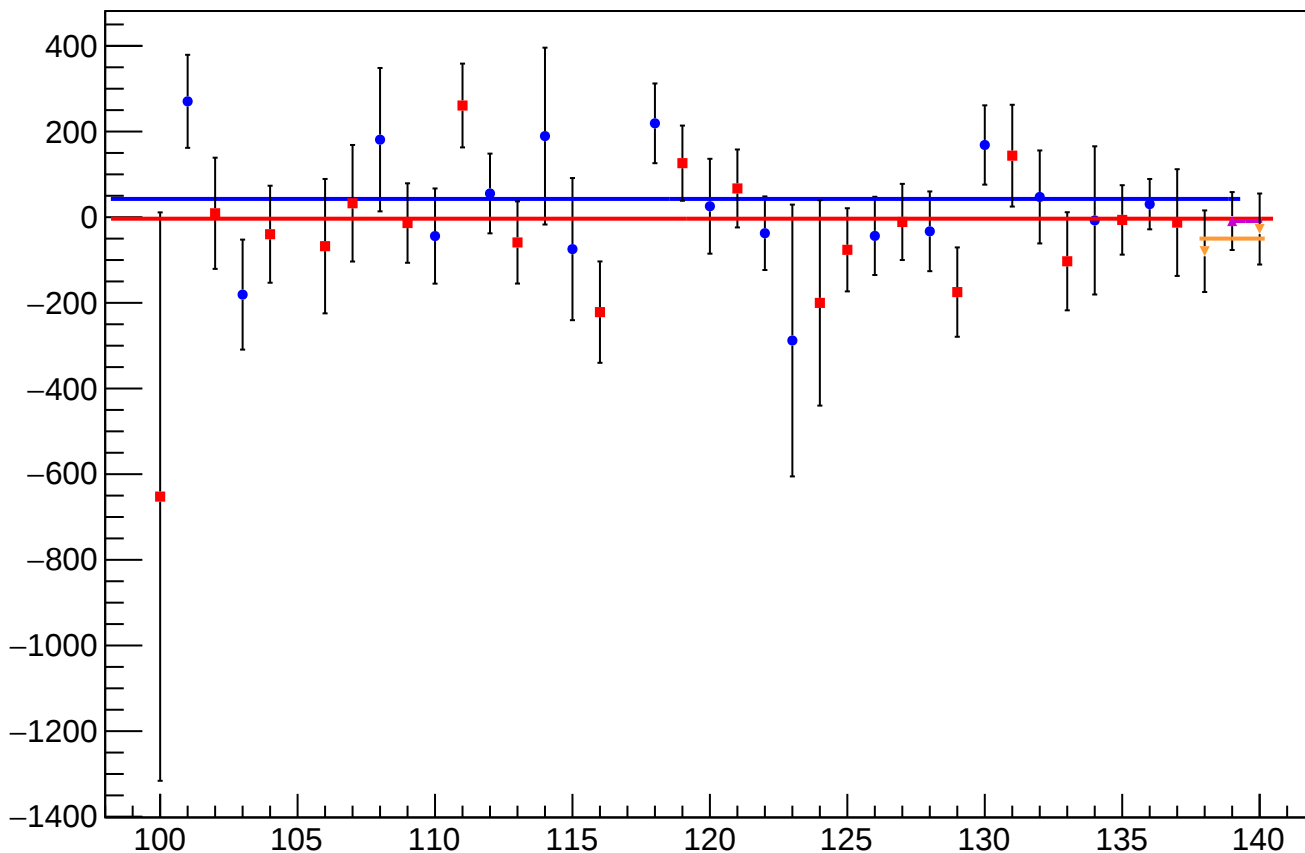
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.793+/-0.654 χ^2/NDF :0.0/0

Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

All: 683.671+/-0.323 χ^2/NDF : 90400.5/2

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -49.961+/-62.529 χ^2/NDF : 0.2/1

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -9.006+/-67.621 χ^2/NDF : 0.0/0

Left: -31.084+/-45.910 χ^2/NDF : 0.4/2

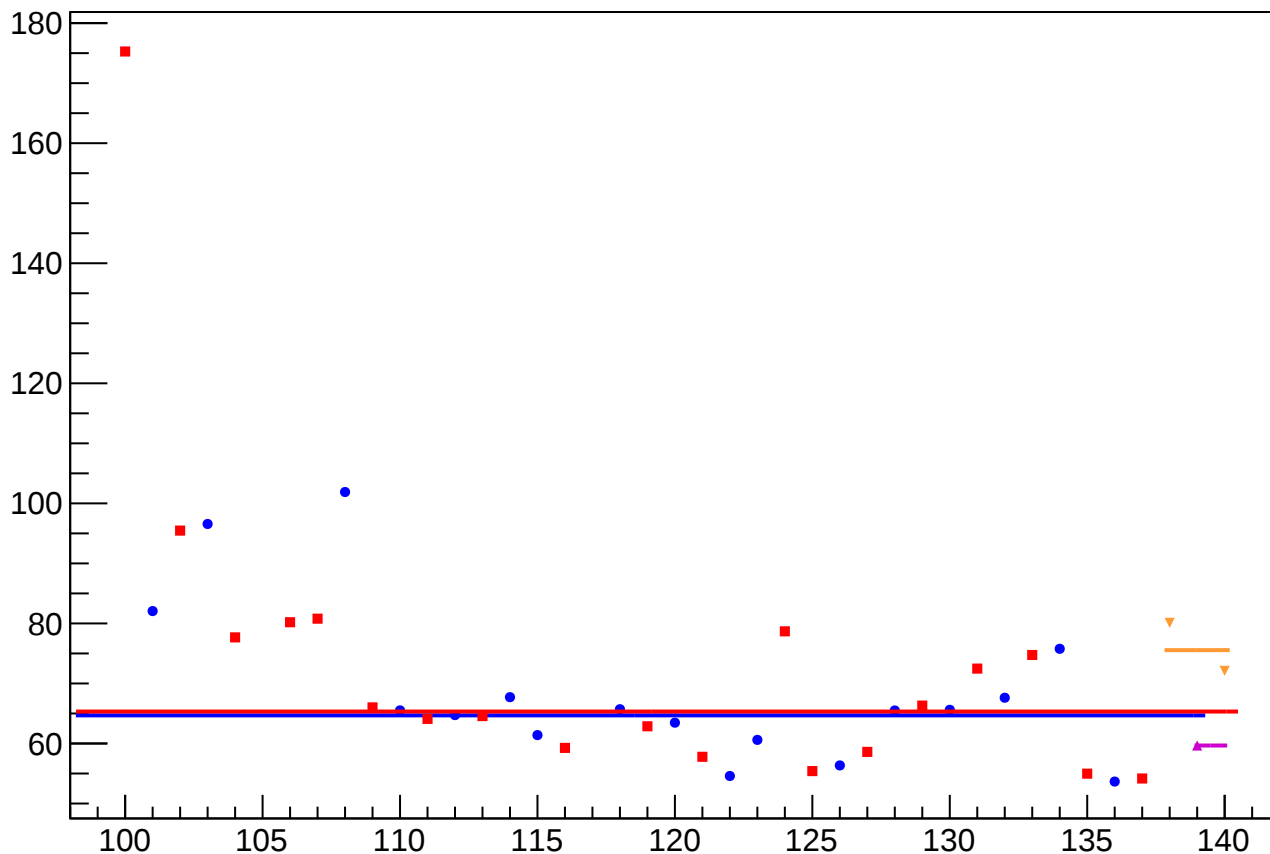
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 36.229+/-23.848 χ^2/NDF : 19.4/17

Out: -9.937+/-23.269 χ^2/NDF : 22.0/20

All: 12.579+/-16.655 χ^2/NDF : 43.3/38

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: 75.550 $\pm$ 0.044 χ^2 /NDF: 8029.5/1

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 59.664 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Left: 68.228 $\pm$ 0.032 χ^2 /NDF: 67537.5/2

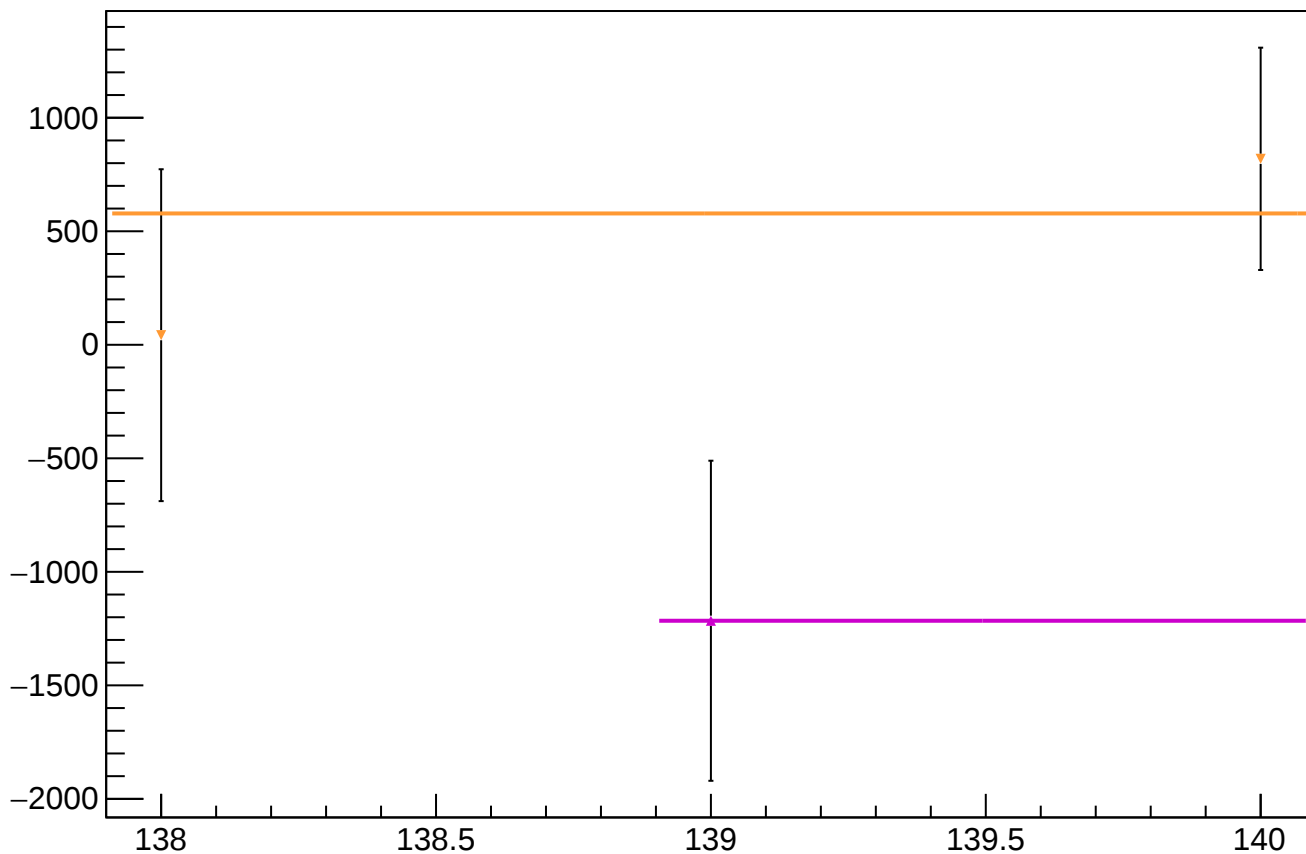
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 64.061 $\pm$ 0.017 χ^2 /NDF: 409845.9/17

Out: 66.741 $\pm$ 0.016 χ^2 /NDF: 413681.8/20

All: 65.434 $\pm$ 0.012 χ^2 /NDF: 836463.9/38

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: 578.490+/-406.757 χ^2/NDF : 0.8/1

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

Left In: -1215.498+/-704.894 χ^2/NDF : 0.0/0

Left: 130.347+/-352.308 χ^2/NDF : 5.6/2

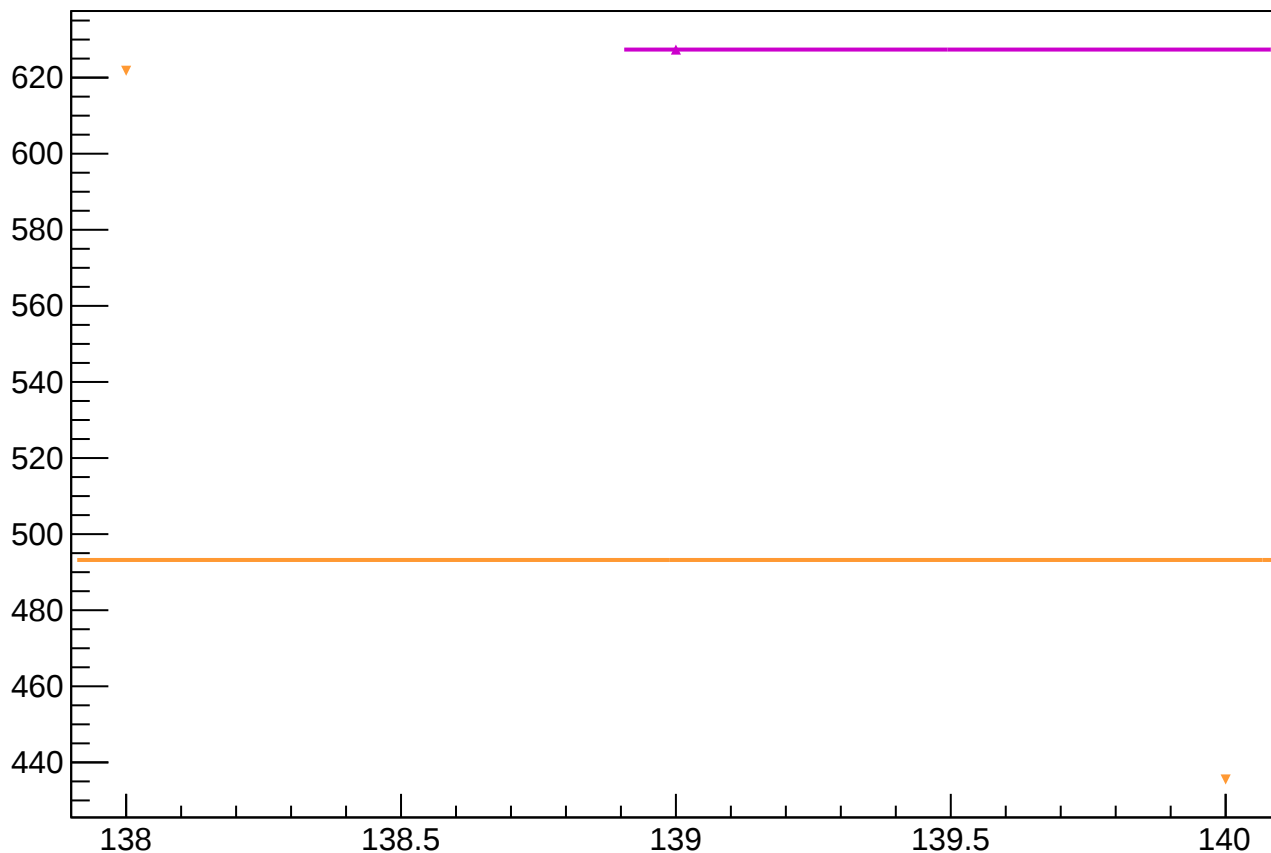
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1215.498+/-704.894 χ^2/NDF : 0.0/0

Out: 578.490+/-406.757 χ^2/NDF : 0.8/1

All: 130.347+/-352.308 χ^2/NDF : 5.6/2

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: 493.209+/-0.288 χ^2/NDF : 89692.3/1

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

Left In: 627.372+/-0.498 χ^2/NDF : 0.0/0

Left: 526.723+/-0.249 χ^2/NDF : 144045.3/2

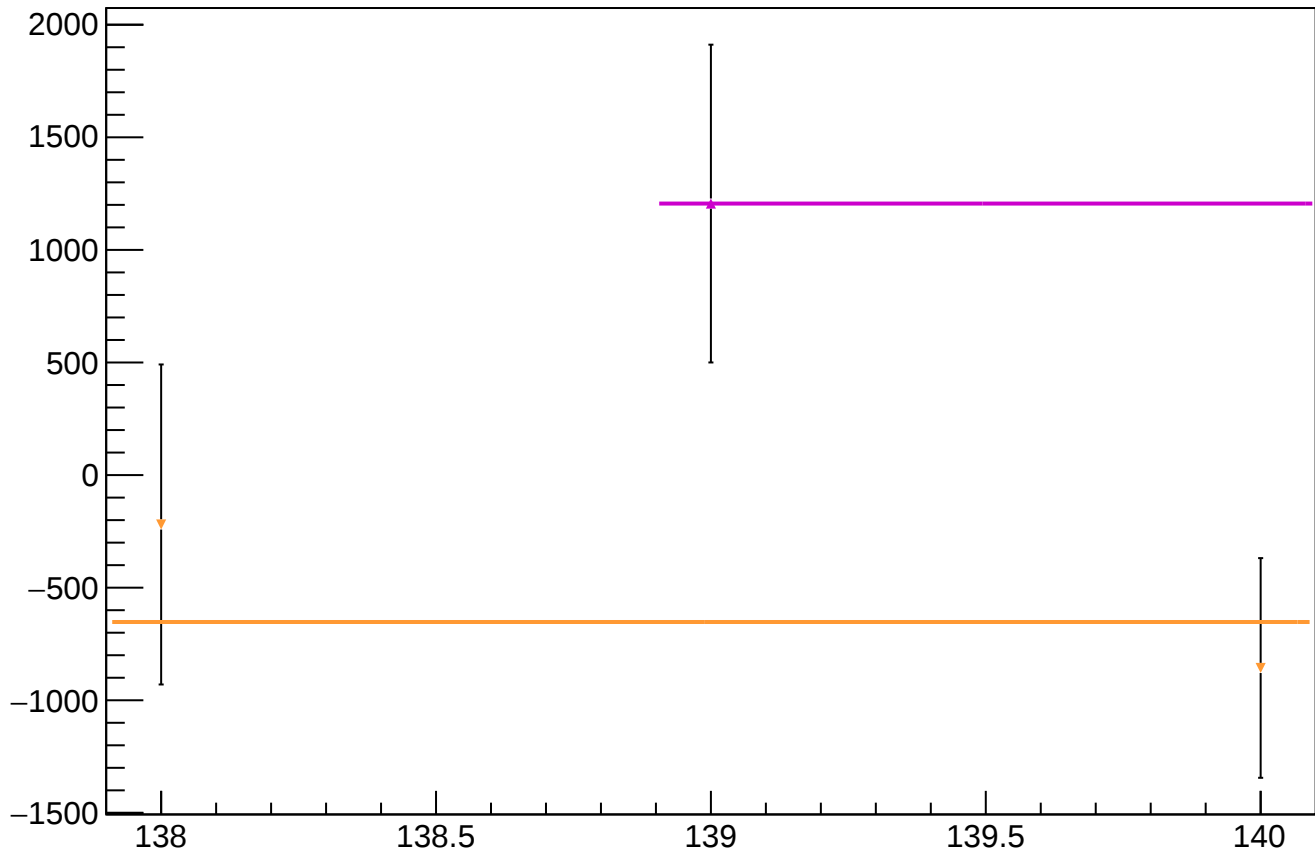
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.372+/-0.498 χ^2/NDF : 0.0/0

Out: 493.209+/-0.288 χ^2/NDF : 89692.3/1

All: 526.723+/-0.249 χ^2/NDF : 144045.3/2

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -652.407 $\pm$ 402.161 χ^2 /NDF:0.5/1

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

Left In: 1205.778 $\pm$ 705.627 χ^2 /NDF:0.0/0

Left: -196.812 $\pm$ 349.398 χ^2 /NDF: 5.8/2

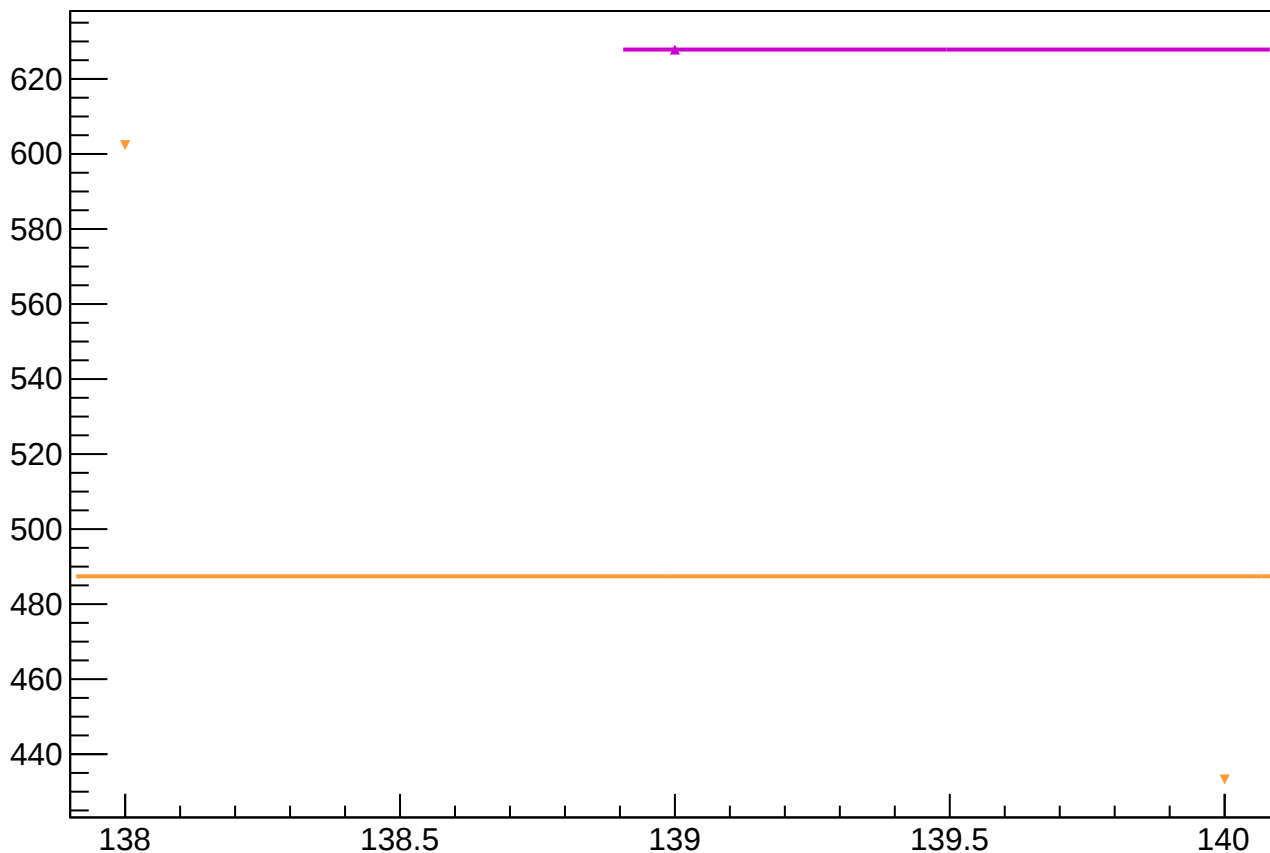
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1205.778 $\pm$ 705.627 χ^2 /NDF:0.0/0

Out: -652.407 $\pm$ 402.161 χ^2 /NDF:0.5/1

All: -196.812 $\pm$ 349.398 χ^2 /NDF: 5.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

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

Left In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Left: 521.843+/-0.247 χ^2/NDF : 136773.7/2

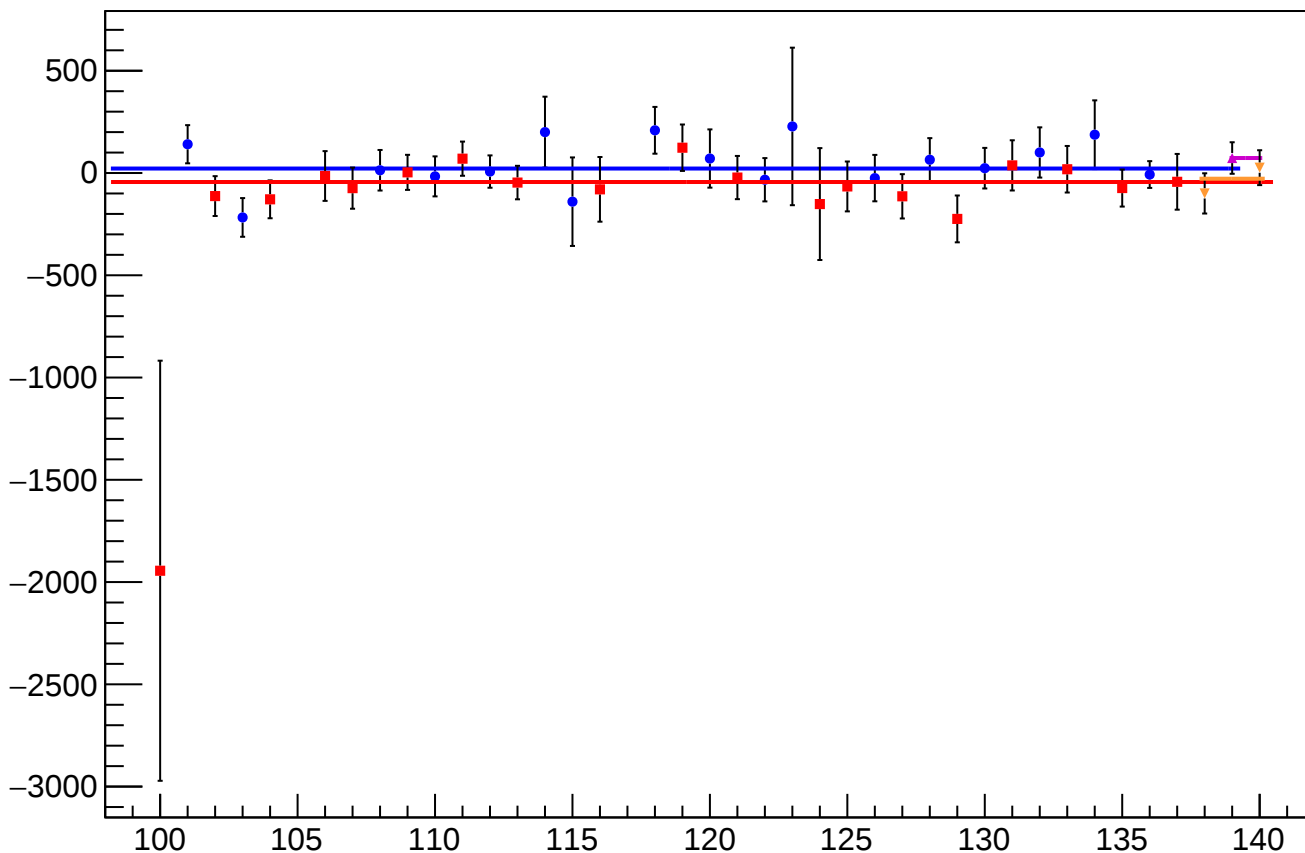
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

All: 521.843+/-0.247 χ^2/NDF : 136773.7/2

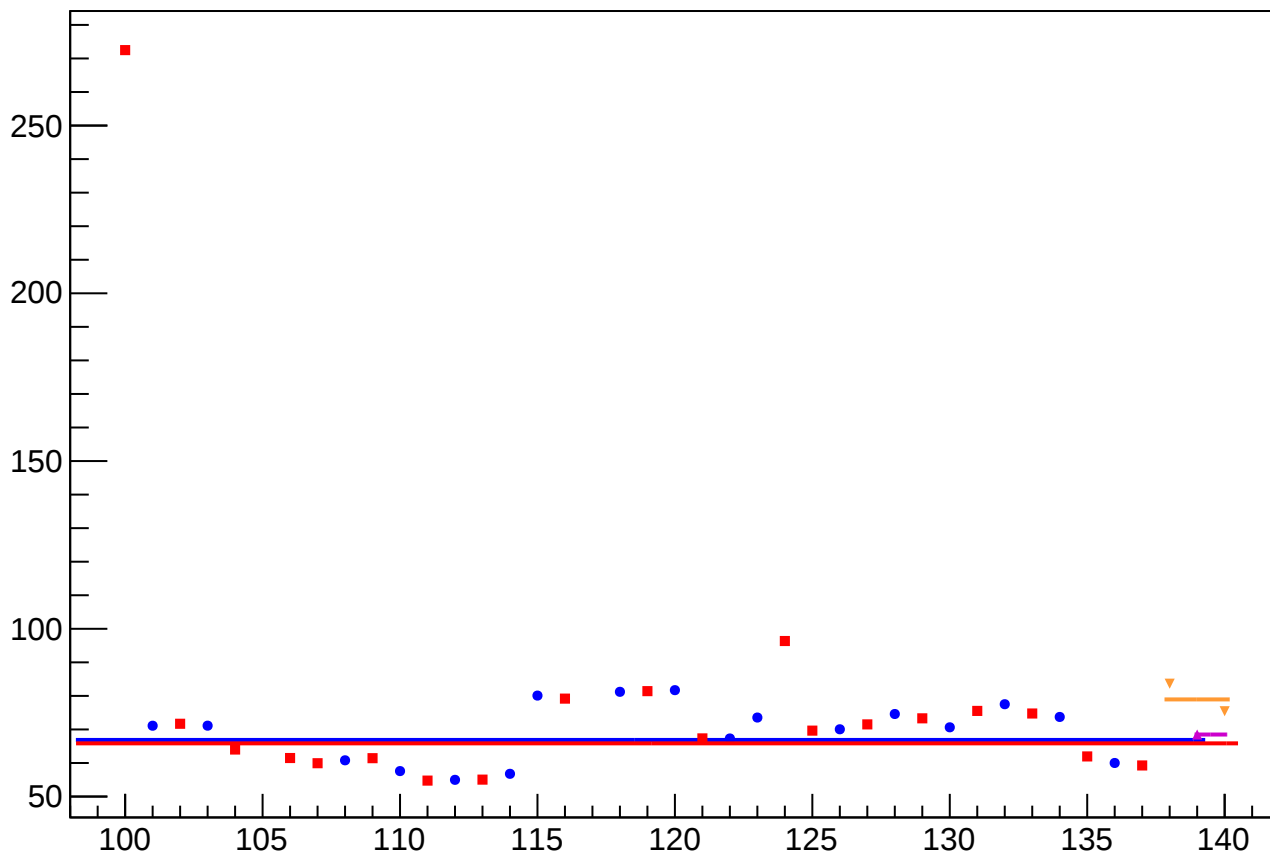
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908+/-26.055 χ^2/NDF : 15.1/16
 Left Out: -27.846+/-64.414 χ^2/NDF : 0.9/1
 Right Out: -43.953+/-25.108 χ^2/NDF : 13.3/18
 Left In: 73.339+/-77.088 χ^2/NDF : 0.0/0

Left: 13.755+/-49.429 χ^2/NDF : 1.9/2
 Right: -12.241+/-18.080 χ^2/NDF : 31.7/35
 In: 27.181+/-24.683 χ^2/NDF : 15.5/17
 Out: -41.829+/-23.394 χ^2/NDF : 14.3/20
 All: -9.173+/-16.980 χ^2/NDF : 33.9/38

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: 78.950 $\pm$ 0.046 χ^2 /NDF: 7959.9/1

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 68.486 $\pm$ 0.055 χ^2 /NDF: 0.0/0

Left: 74.648 $\pm$ 0.035 χ^2 /NDF: 29660.1/2

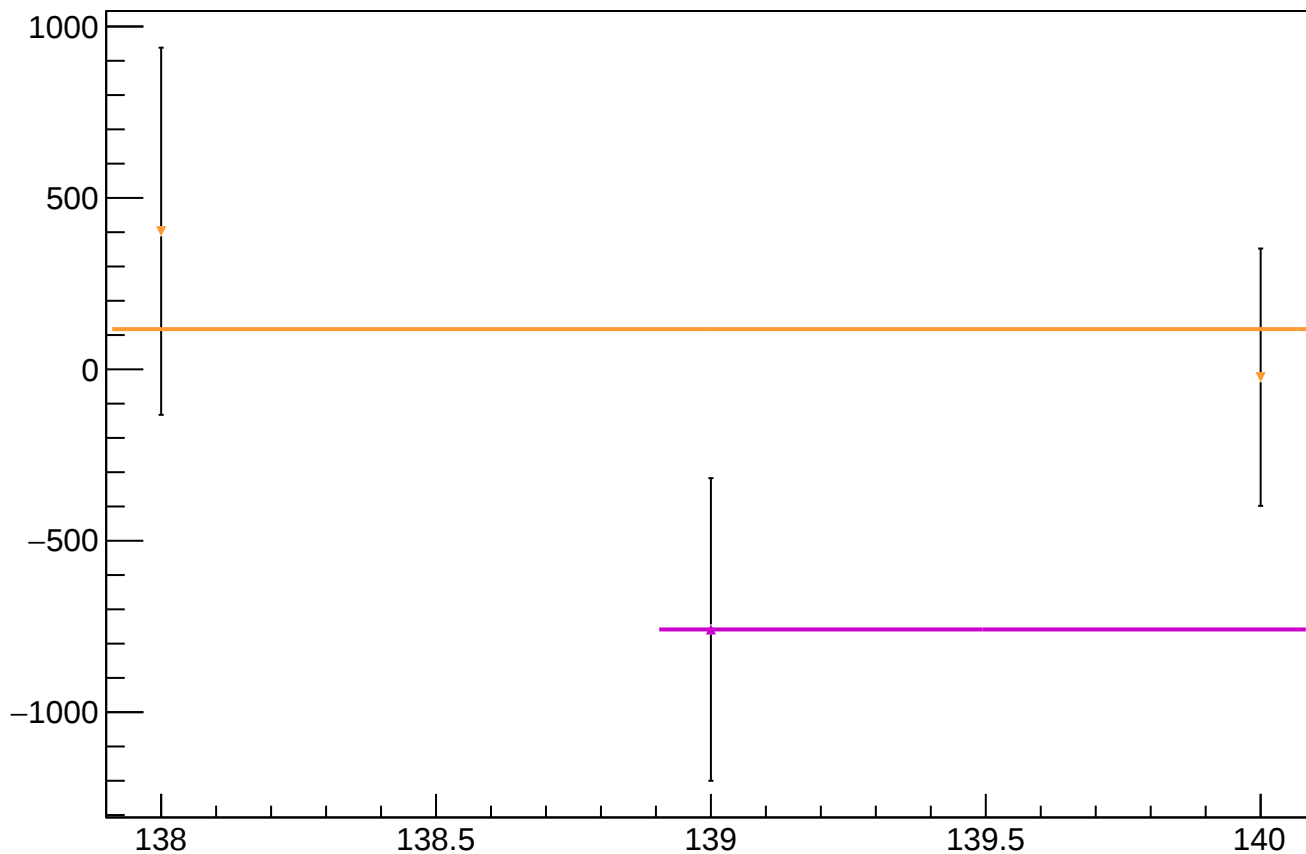
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.037 $\pm$ 0.017 χ^2 /NDF: 203302.2/17

Out: 67.581 $\pm$ 0.017 χ^2 /NDF: 379596.9/20

All: 67.324 $\pm$ 0.012 χ^2 /NDF: 583410.8/38

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 117.338+/-307.337 χ^2/NDF :0.4/1

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

Left In: -758.698+/-441.422 χ^2/NDF :0.0/0

Left: -168.678+/-252.225 χ^2/NDF : 3.1/2

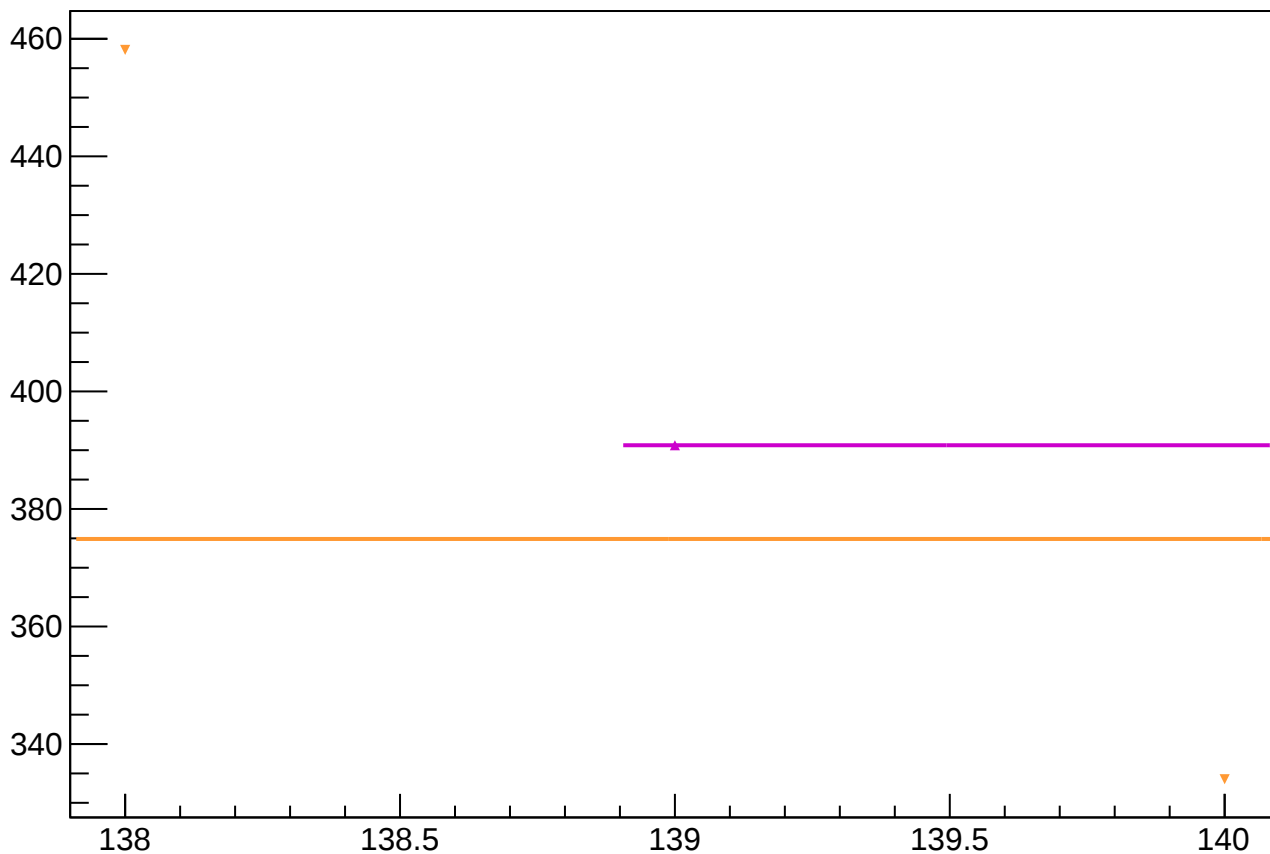
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -758.698+/-441.422 χ^2/NDF :0.0/0

Out: 117.338+/-307.337 χ^2/NDF :0.4/1

All: -168.678+/-252.225 χ^2/NDF : 3.1/2

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: 374.895+/-0.217 χ^2/NDF : 72036.8/1

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

Left In: 390.842+/-0.312 χ^2/NDF : 0.0/0

Left: 380.101+/-0.178 χ^2/NDF : 73794.8/2

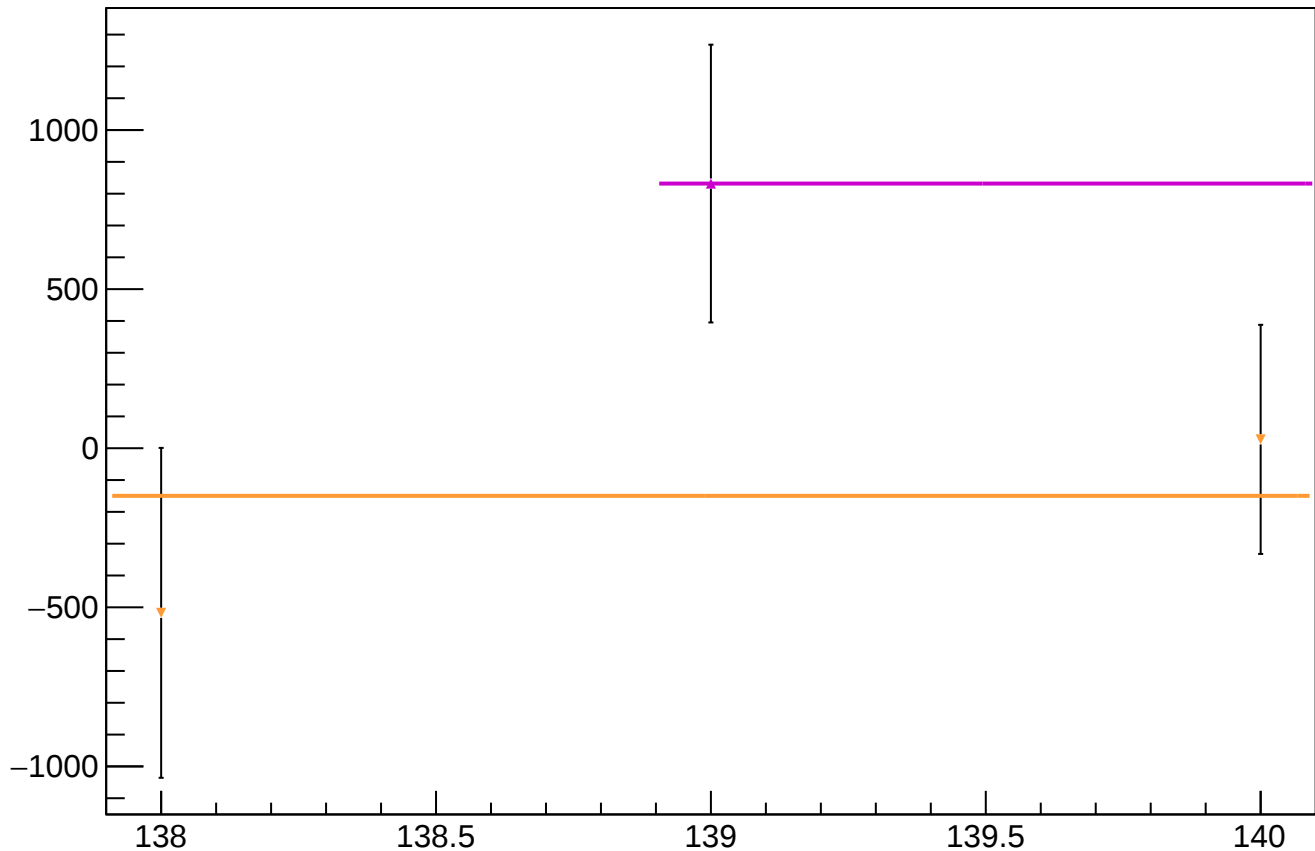
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 390.842+/-0.312 χ^2/NDF : 0.0/0

Out: 374.895+/-0.217 χ^2/NDF : 72036.8/1

All: 380.101+/-0.178 χ^2/NDF : 73794.8/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

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

Left In: 831.789+/-436.542 χ^2/NDF : 0.0/0

Left: 159.111+/-244.835 χ^2/NDF : 4.2/2

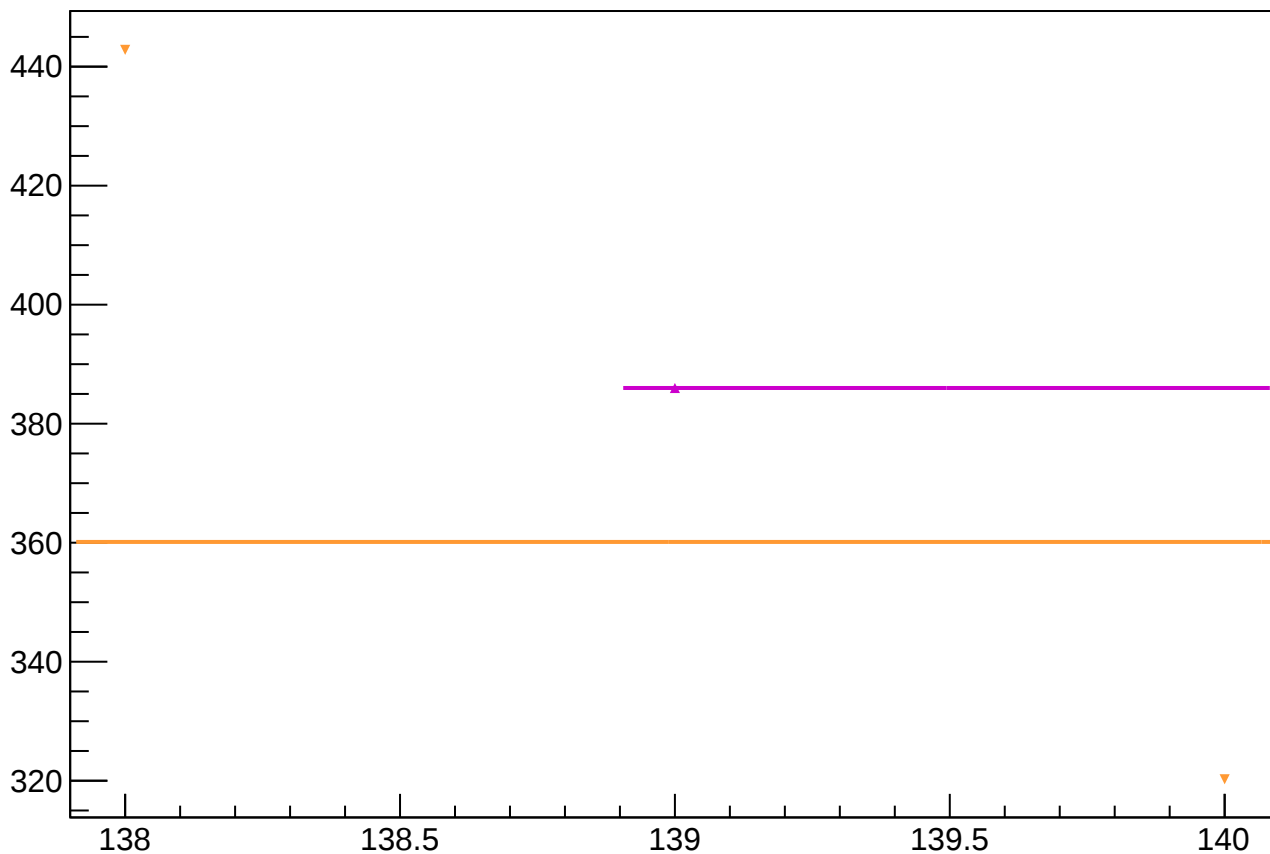
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 831.789+/-436.542 χ^2/NDF : 0.0/0

Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

All: 159.111+/-244.835 χ^2/NDF : 4.2/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

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

Left In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Left: 368.267+/-0.173 χ^2/NDF : 80244.4/2

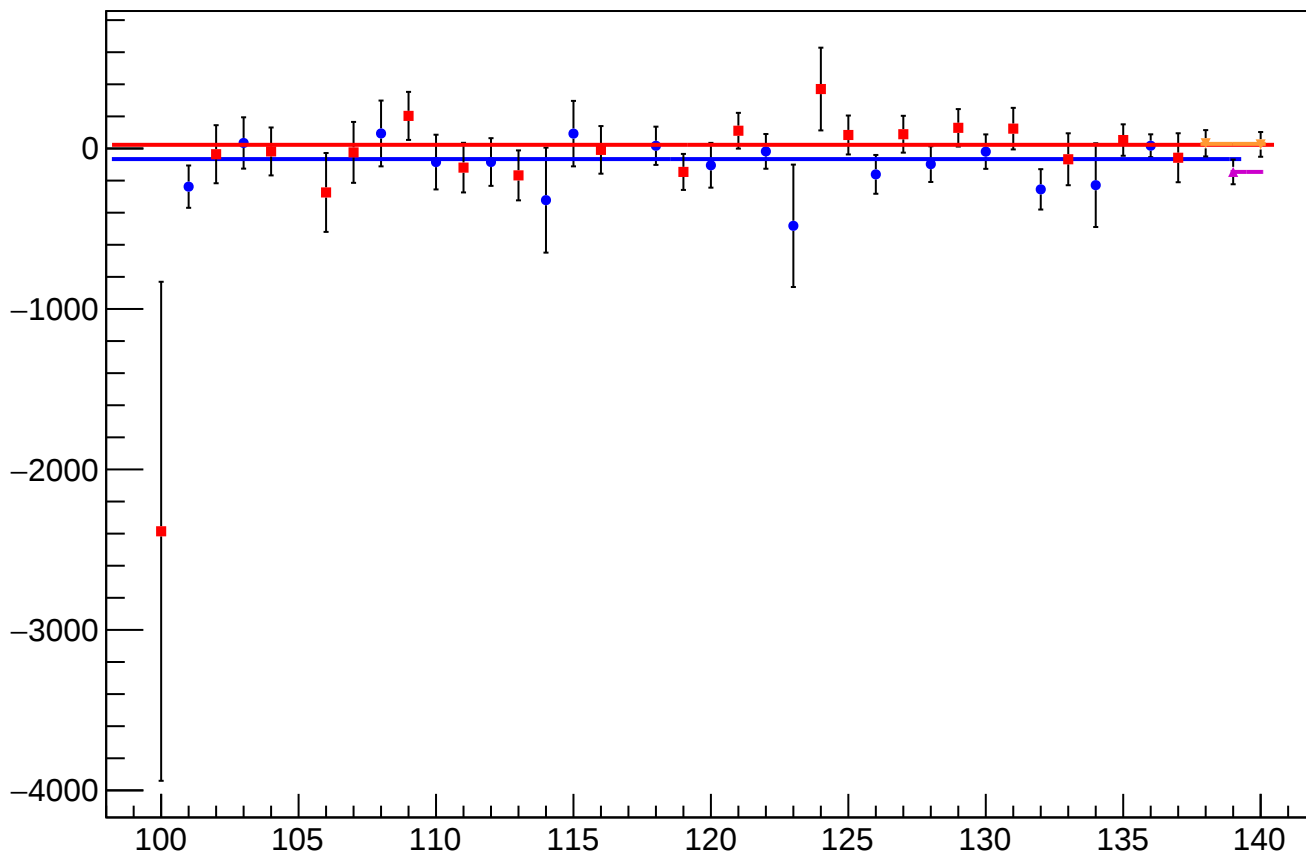
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

All: 368.267+/-0.173 χ^2/NDF : 80244.4/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: 28.840 ± 56.176 $\chi^2/\text{NDF}: 0.0/1$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -145.881 ± 76.986 $\chi^2/\text{NDF}: 0.0/0$

Left: -31.868 ± 45.380 $\chi^2/\text{NDF}: 3.4/2$

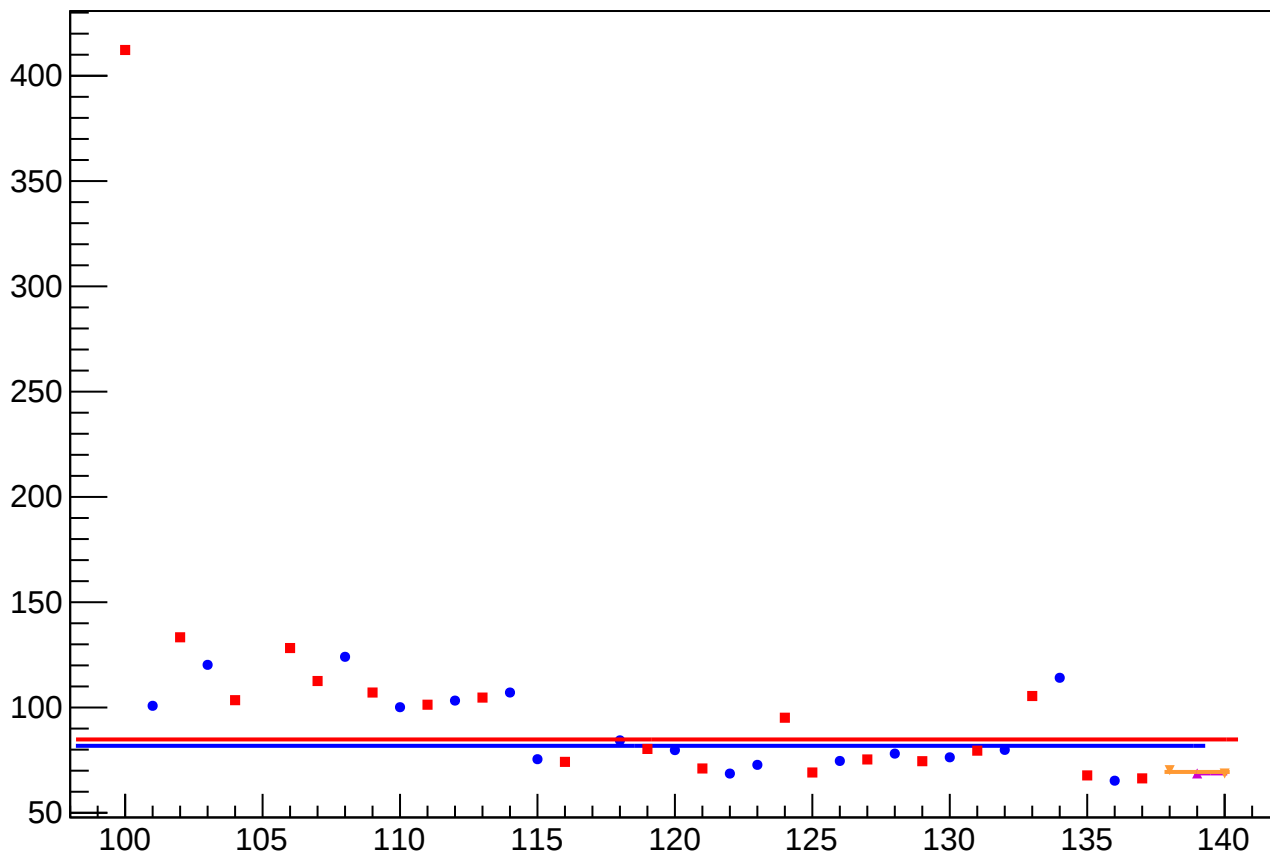
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -77.928 ± 29.776 $\chi^2/\text{NDF}: 11.7/17$

Out: 24.415 ± 28.314 $\chi^2/\text{NDF}: 15.3/20$

All: -24.182 ± 20.518 $\chi^2/\text{NDF}: 33.2/38$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 69.401 $\pm$ 0.040 χ^2 /NDF:391.6/1

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 68.699 $\pm$ 0.054 χ^2 /NDF:0.0/0

Left: 69.157 $\pm$ 0.032 χ^2 /NDF: 500.2/2

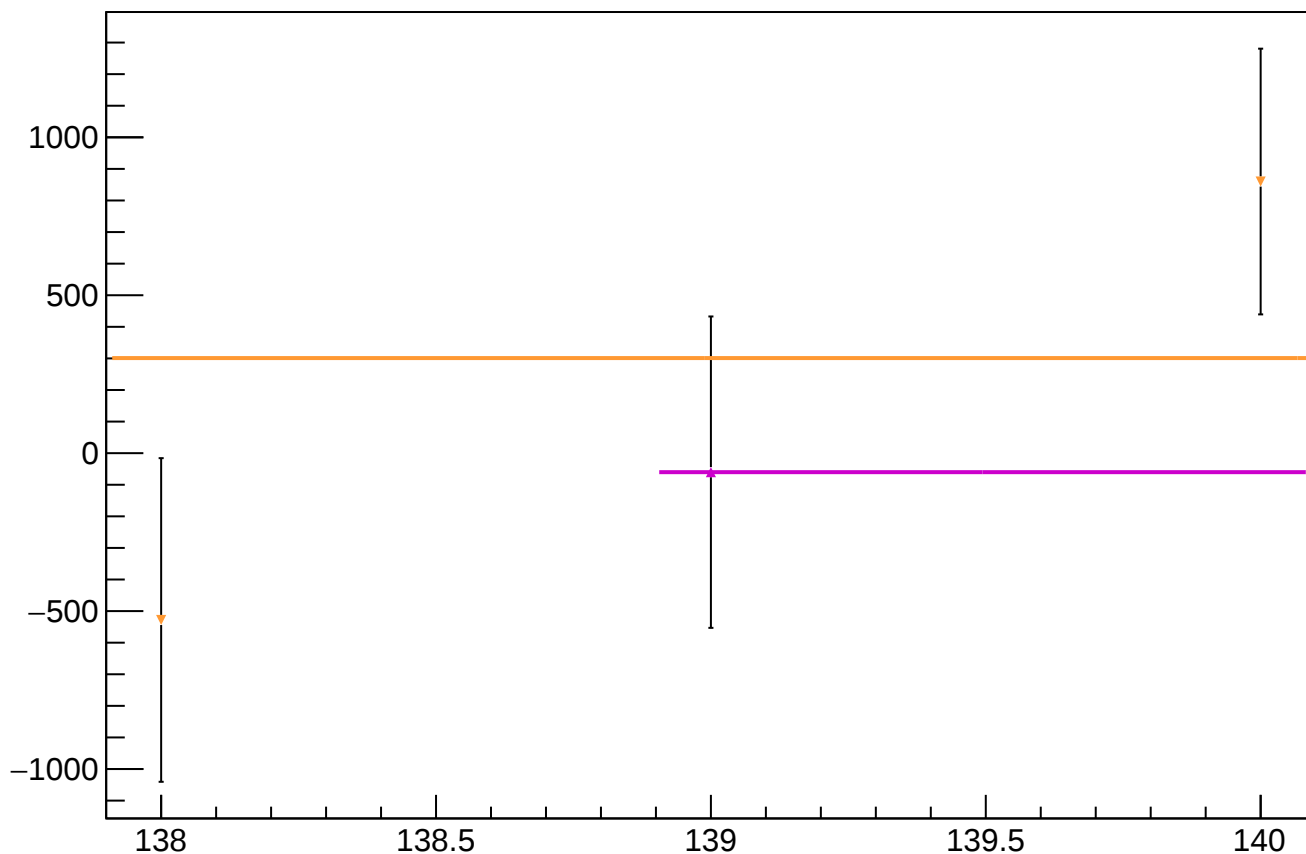
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 79.847 $\pm$ 0.021 χ^2 /NDF:556517.6/17

Out: 80.915 $\pm$ 0.020 χ^2 /NDF:817675.1/20

All: 80.408 $\pm$ 0.015 χ^2 /NDF: 1375543.5/38

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: 301.066+/-325.106 χ^2/NDF : 4.4/1

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

Left In: -60.148+/-492.926 χ^2/NDF : 0.0/0

Left: 191.570+/-271.393 χ^2/NDF : 4.8/2

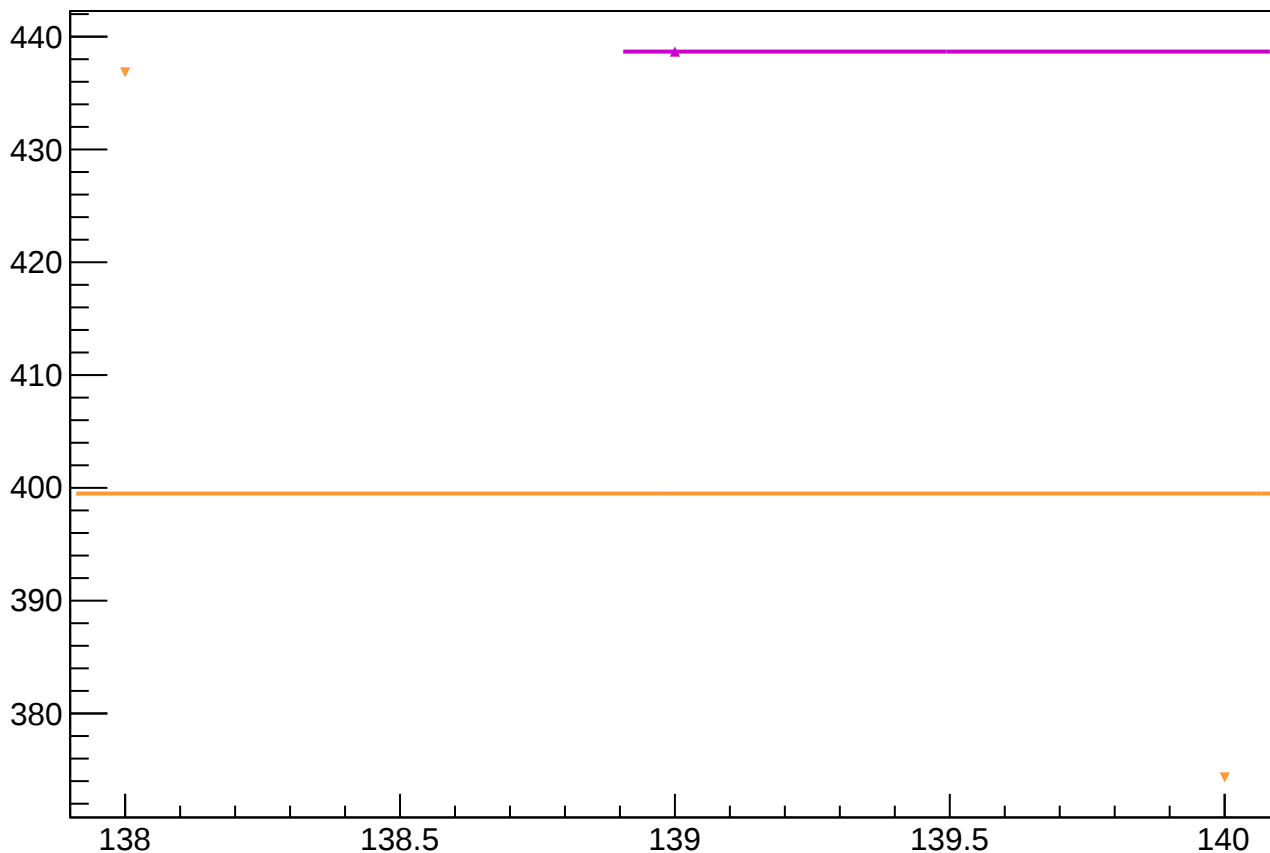
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.148+/-492.926 χ^2/NDF : 0.0/0

Out: 301.066+/-325.106 χ^2/NDF : 4.4/1

All: 191.570+/-271.393 χ^2/NDF : 4.8/2

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: 399.496+/-0.230 χ^2/NDF :17781.4/1

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

Left In: 438.676+/-0.349 χ^2/NDF :0.0/0

Left: 411.373+/-0.192 χ^2/NDF : 26586.4/2

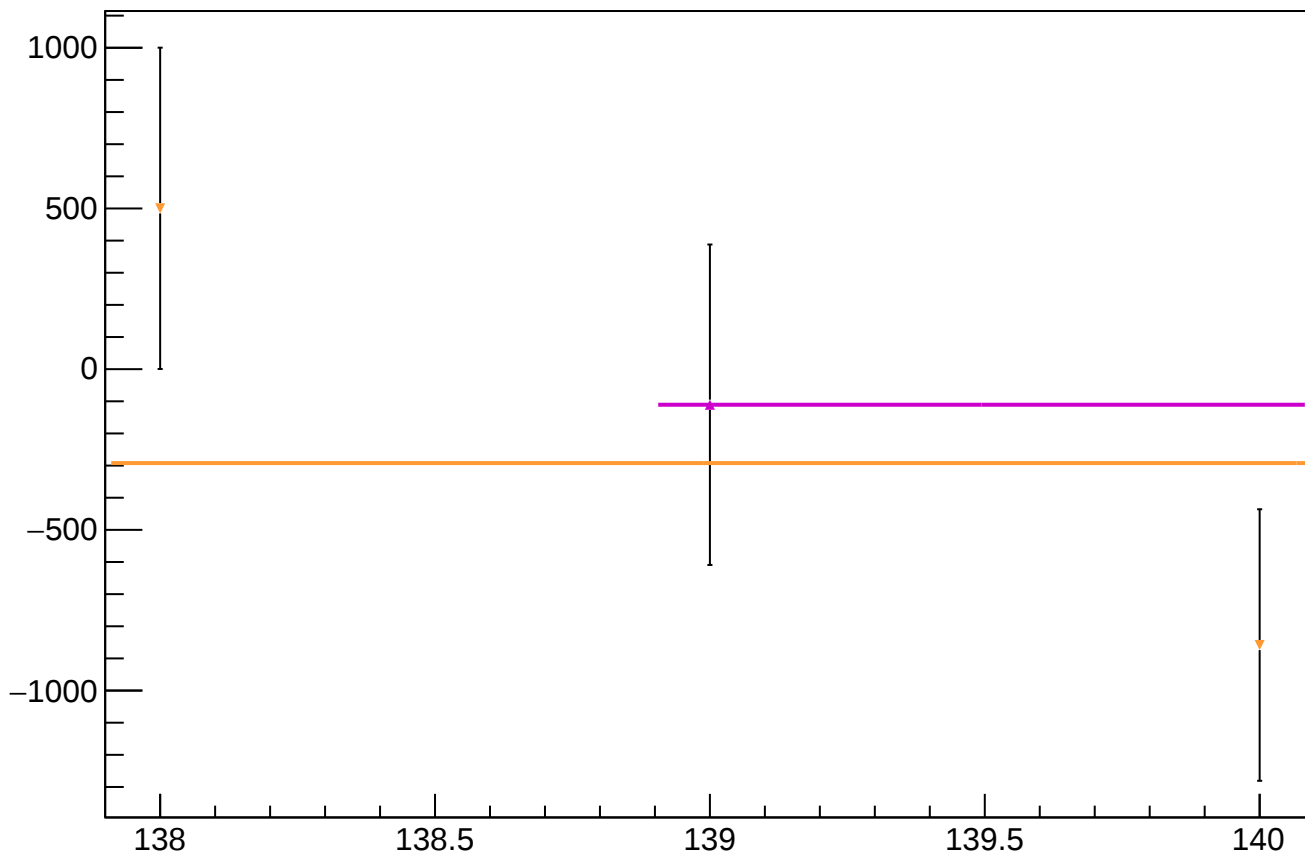
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.676+/-0.349 χ^2/NDF :0.0/0

Out: 399.496+/-0.230 χ^2/NDF :17781.4/1

All: 411.373+/-0.192 χ^2/NDF : 26586.4/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -292.206+/-322.659 χ^2/NDF : 4.3/1

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

Left In: -110.694+/-498.533 χ^2/NDF : 0.0/0

Left: -238.619+/-270.875 χ^2/NDF : 4.4/2

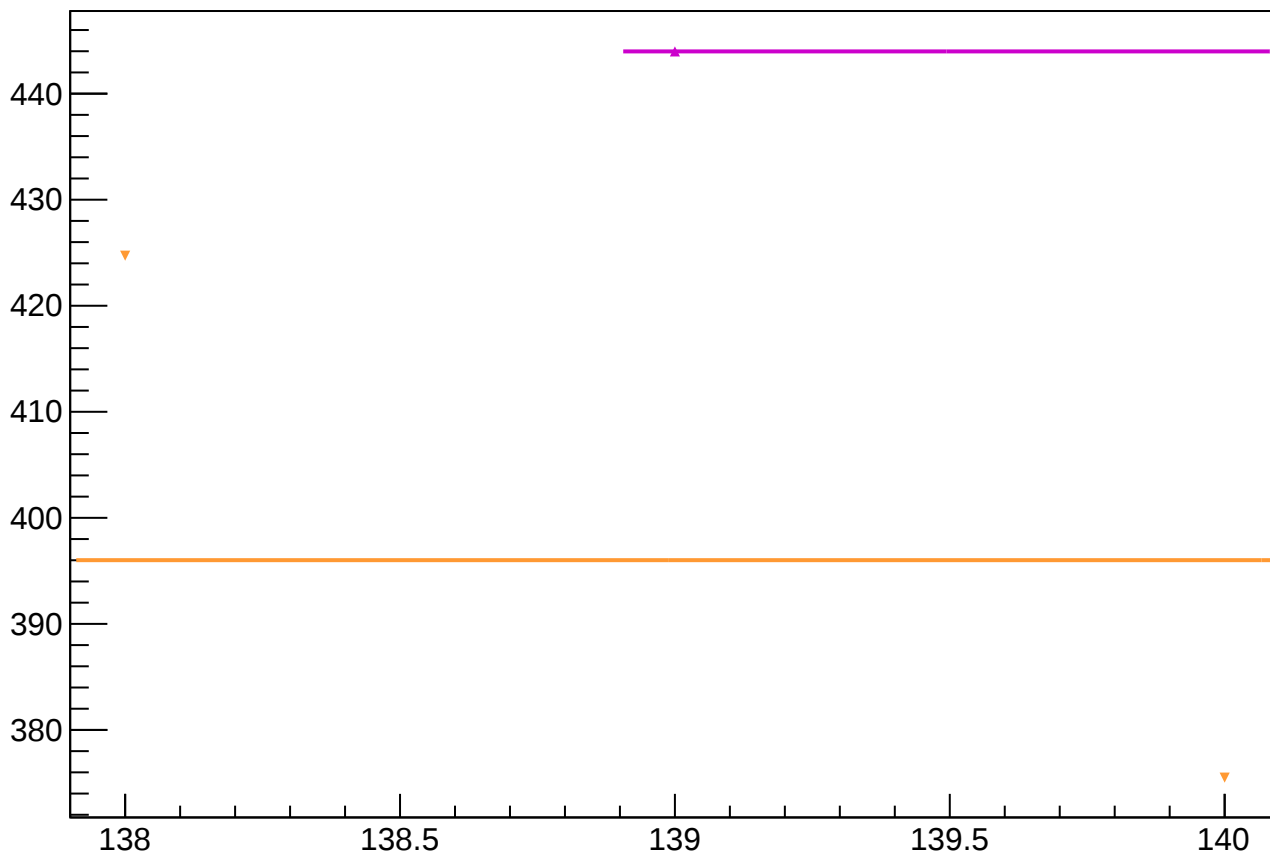
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.694+/-498.533 χ^2/NDF : 0.0/0

Out: -292.206+/-322.659 χ^2/NDF : 4.3/1

All: -238.619+/-270.875 χ^2/NDF : 4.4/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

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

Left In: 443.983+/-0.353 χ^2/NDF :0.0/0

Left: 410.172+/-0.192 χ^2/NDF : 24364.1/2

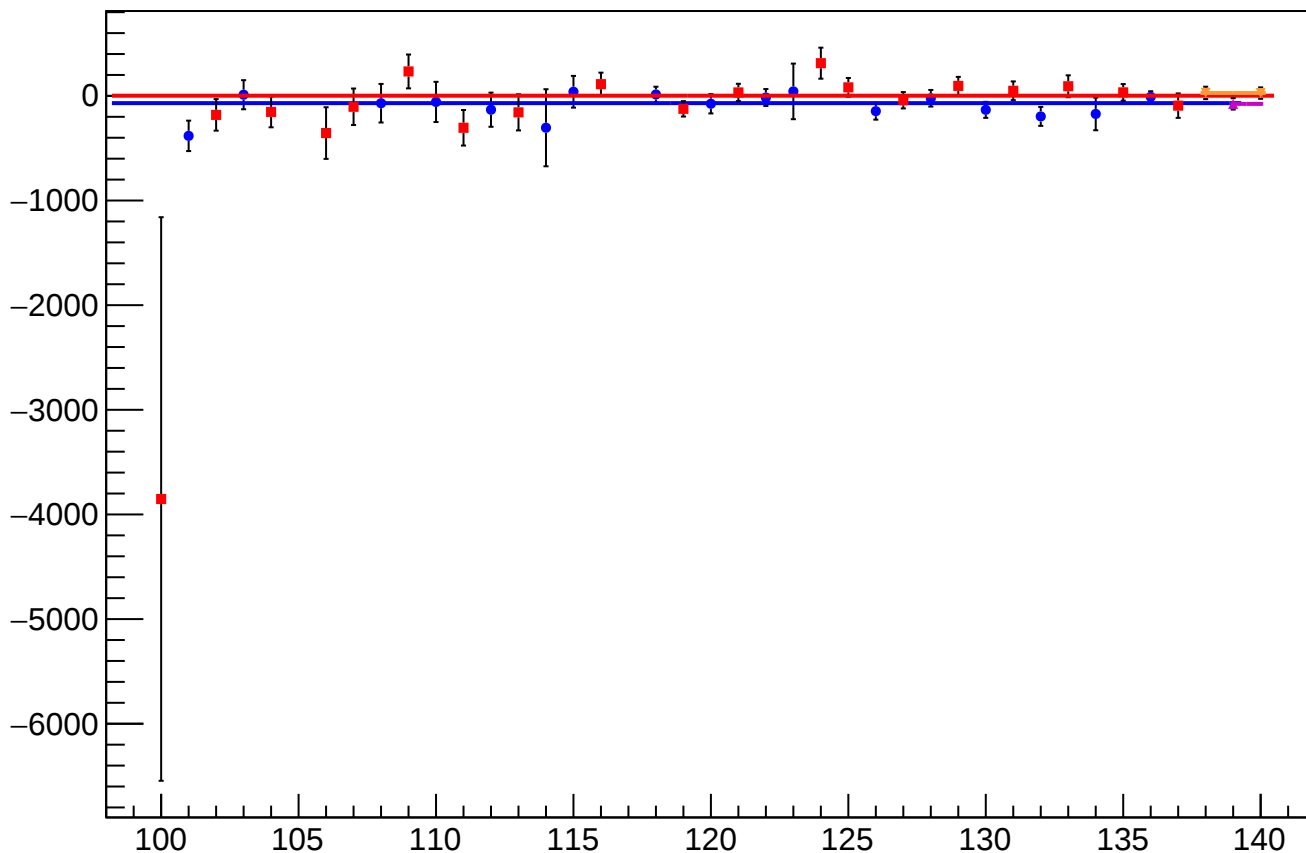
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.983+/-0.353 χ^2/NDF :0.0/0

Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

All: 410.172+/-0.192 χ^2/NDF : 24364.1/2

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: 27.508 ± 40.231 χ^2/NDF : 0.0/1

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -76.395 ± 54.310 χ^2/NDF : 0.0/0

Left: -9.306 ± 32.327 χ^2/NDF : 2.4/2

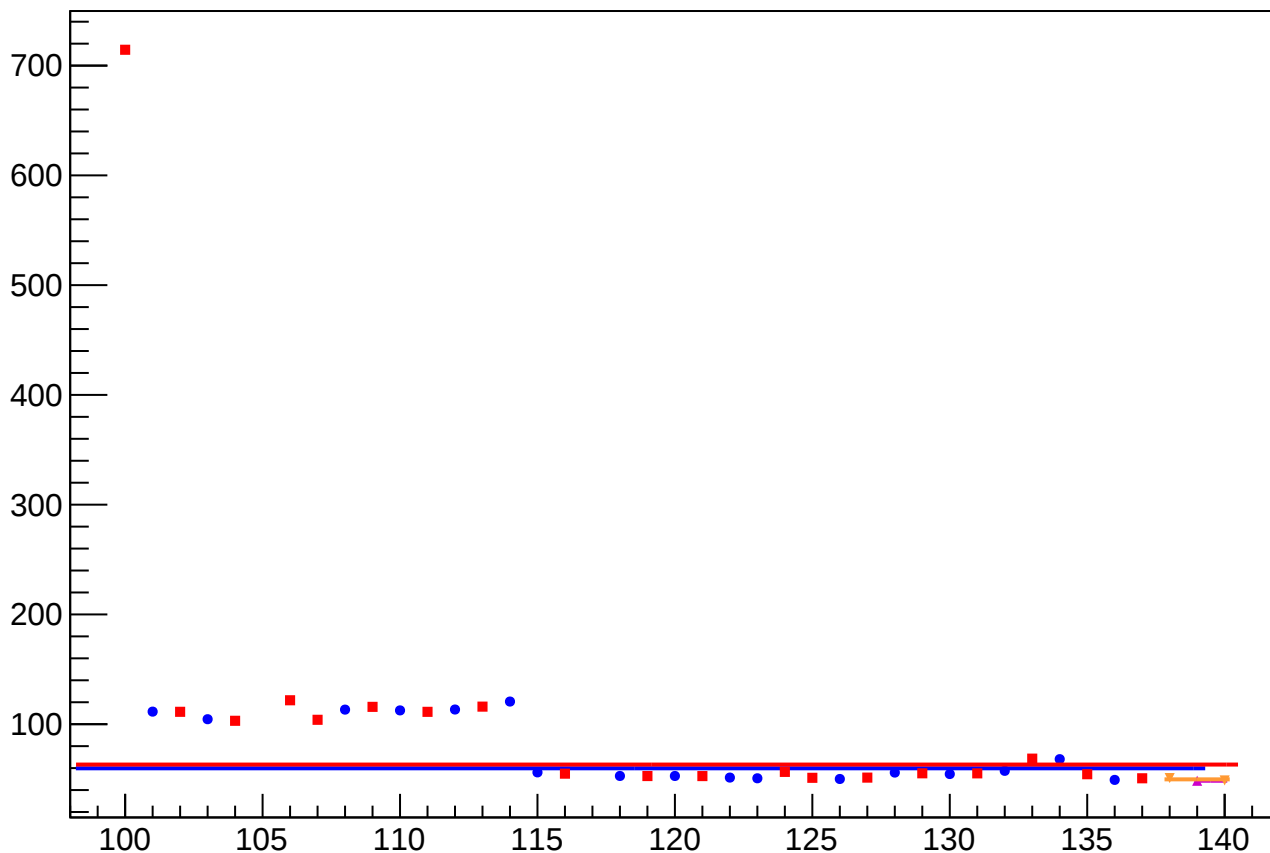
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -70.387 ± 22.151 χ^2/NDF : 13.5/17

Out: 8.999 ± 21.348 χ^2/NDF : 26.1/20

All: -29.229 ± 15.371 χ^2/NDF : 46.3/38

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: 49.745 $\pm$ 0.028 χ^2 /NDF:1421.1/1

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.470 $\pm$ 0.038 χ^2 /NDF:0.0/0

Left: 49.293 $\pm$ 0.023 χ^2 /NDF: 2131.9/2

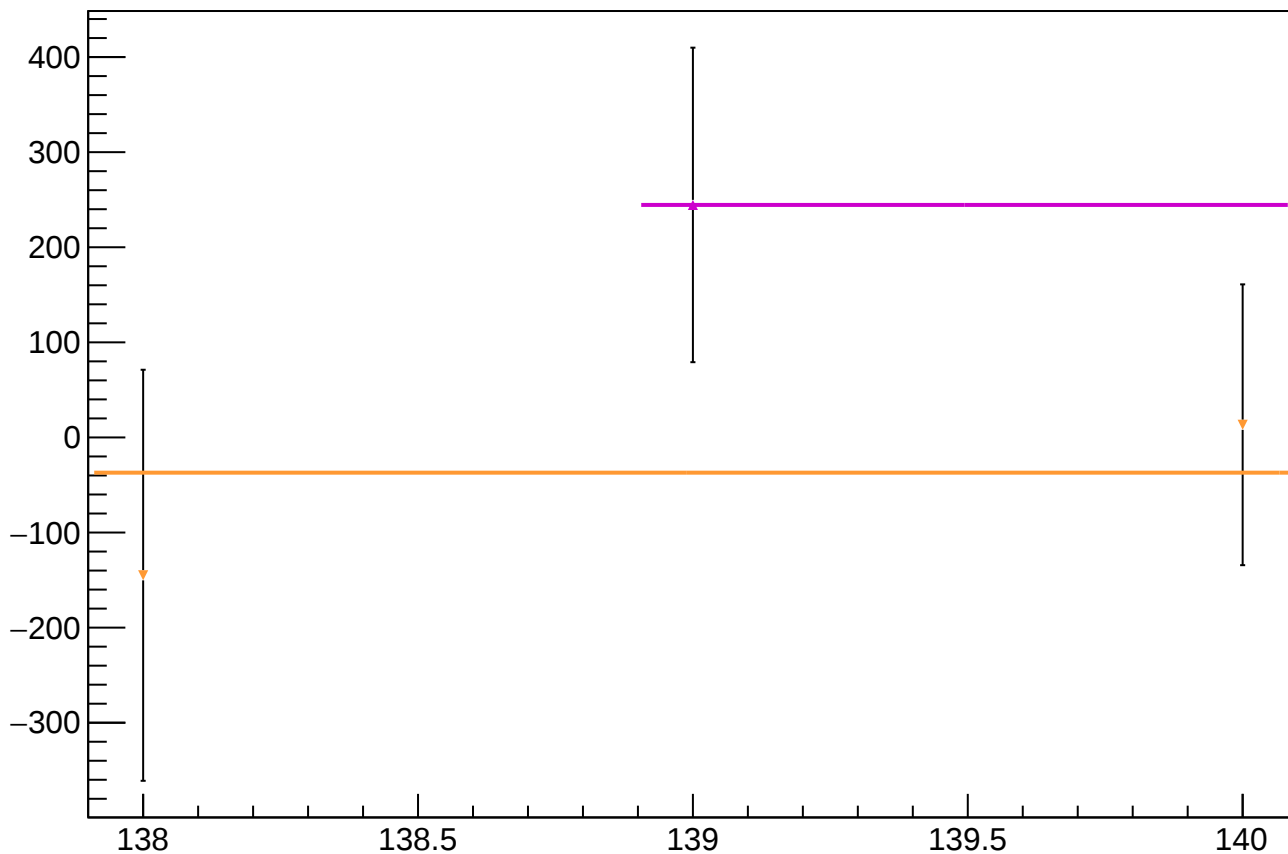
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 57.923 $\pm$ 0.016 χ^2 /NDF:1302654.3/17

Out: 59.428 $\pm$ 0.015 χ^2 /NDF:1666961.1/20

All: 58.703 $\pm$ 0.011 χ^2 /NDF: 2974402.0/38

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: -37.040+/-121.918 χ^2/NDF : 0.4/1

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

Left In: 244.509+/-165.373 χ^2/NDF : 0.0/0

Left: 62.101+/-98.133 χ^2/NDF : 2.2/2

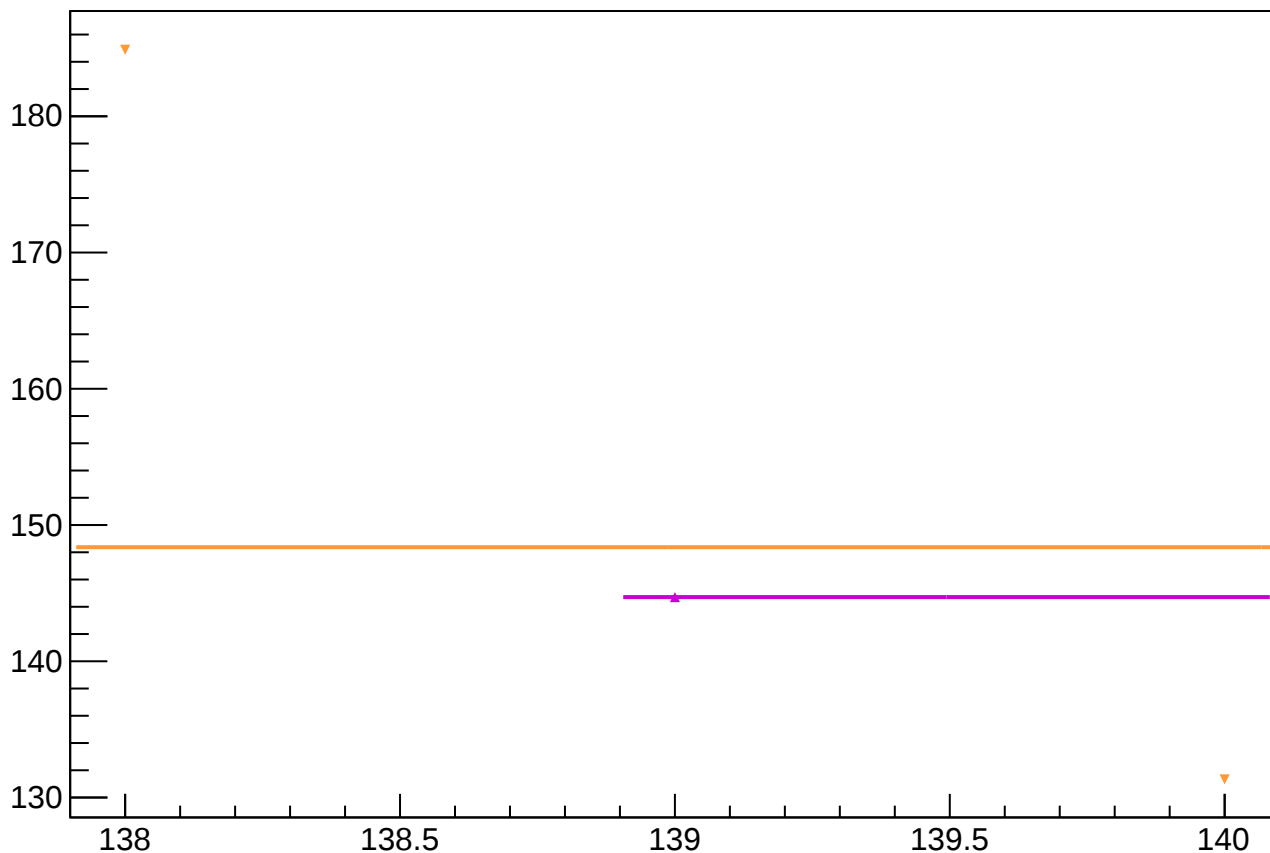
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.509+/-165.373 χ^2/NDF : 0.0/0

Out: -37.040+/-121.918 χ^2/NDF : 0.4/1

All: 62.101+/-98.133 χ^2/NDF : 2.2/2

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: 148.373+/-0.086 χ^2/NDF : 83715.8/1

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

Left In: 144.710+/-0.117 χ^2/NDF : 0.0/0

Left: 147.083+/-0.069 χ^2/NDF : 84351.3/2

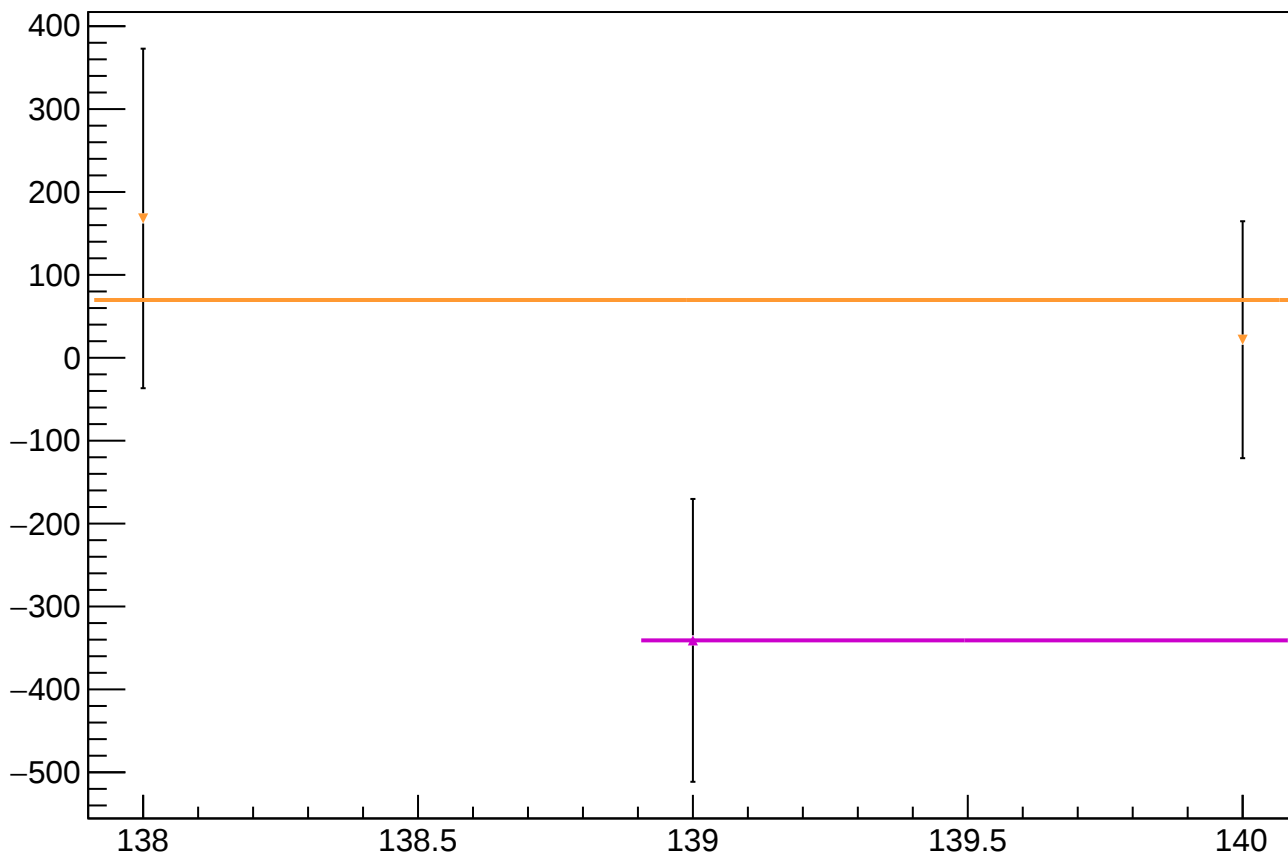
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.710+/-0.117 χ^2/NDF : 0.0/0

Out: 148.373+/-0.086 χ^2/NDF : 83715.8/1

All: 147.083+/-0.069 χ^2/NDF : 84351.3/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left Out: 69.710 ± 117.188 $\chi^2/NDF: 0.3/1$

Right Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left In: -340.872 ± 170.591 $\chi^2/NDF: 0.0/0$

Left: -61.925 ± 96.592 $\chi^2/NDF: 4.3/2$

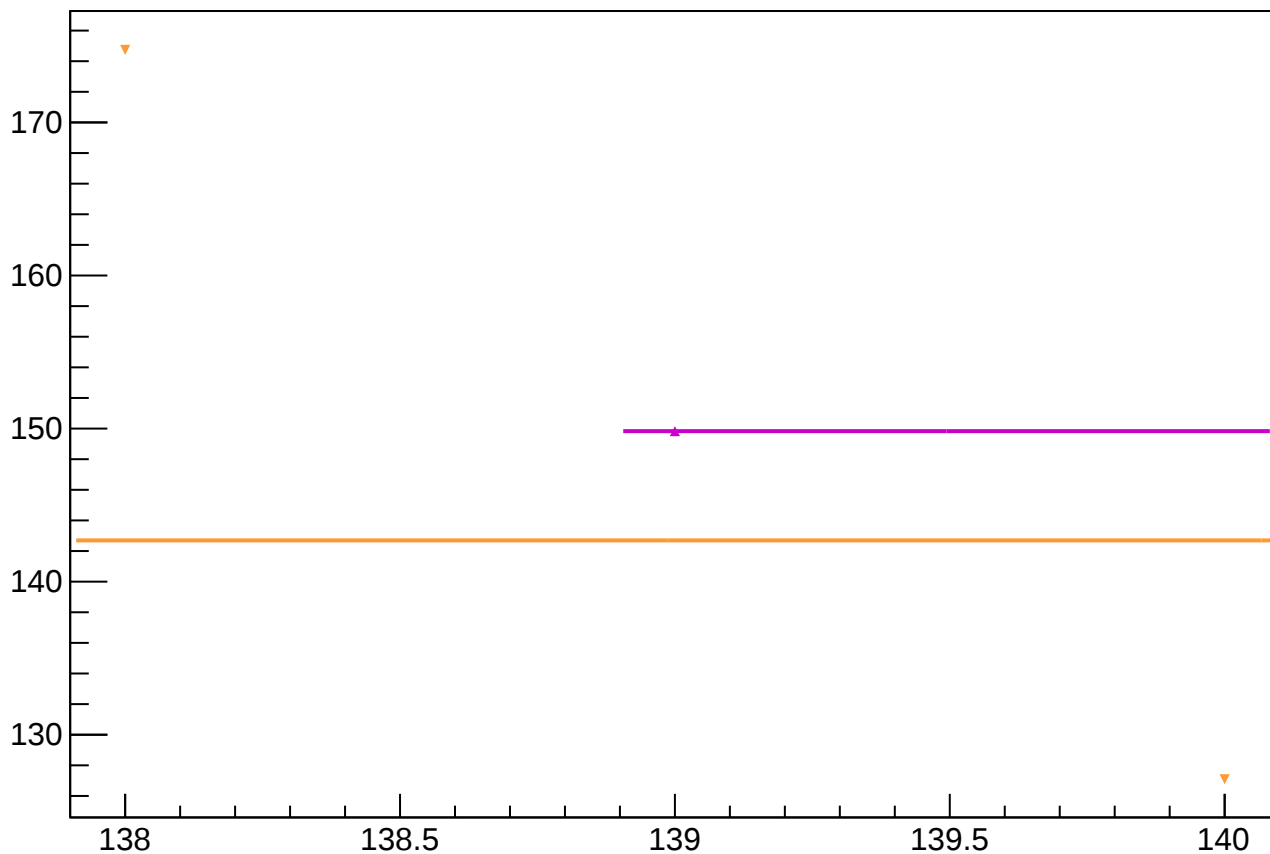
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: -340.872 ± 170.591 $\chi^2/NDF: 0.0/0$

Out: 69.710 ± 117.188 $\chi^2/NDF: 0.3/1$

All: -61.925 ± 96.592 $\chi^2/NDF: 4.3/2$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

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

Left In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Left: 144.983+/-0.068 χ^2/NDF : 75197.1/2

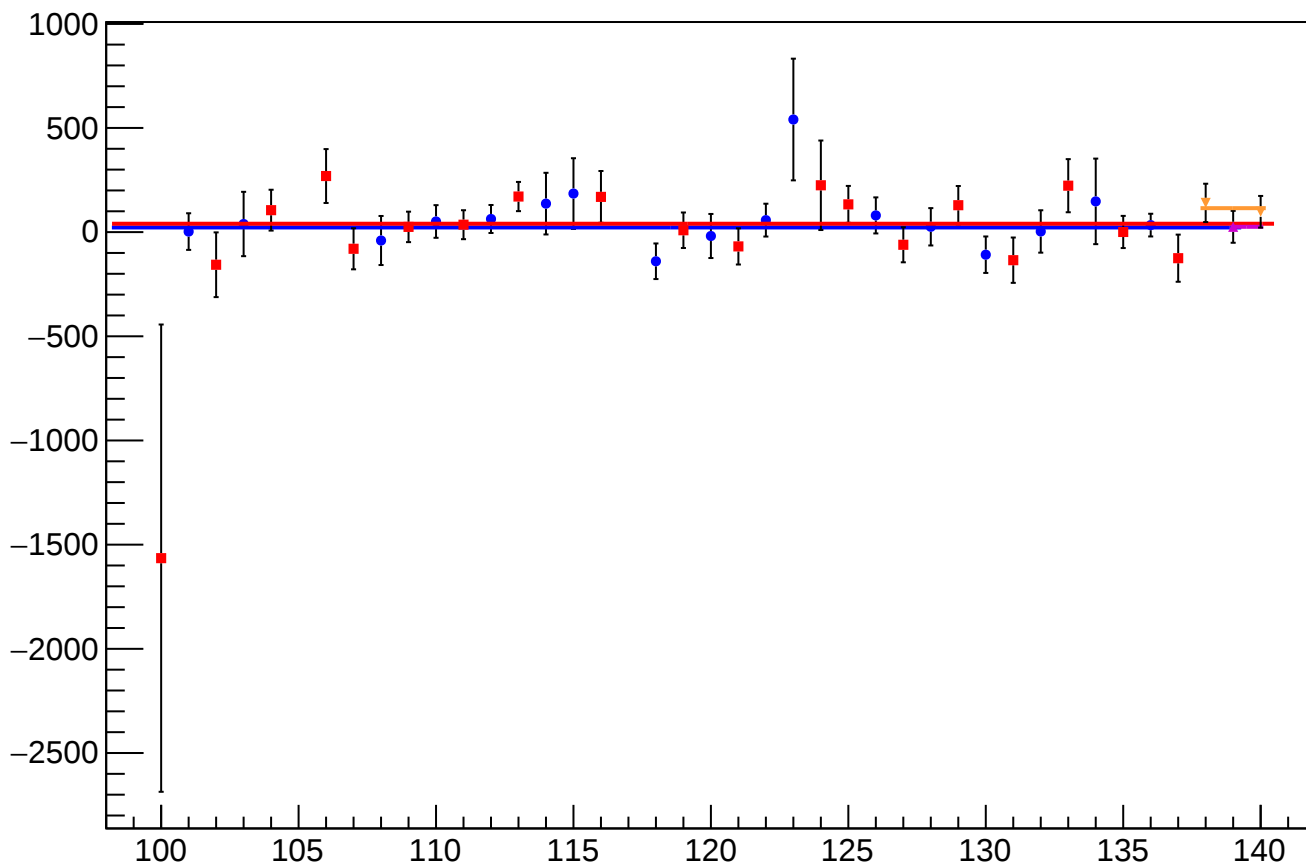
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

All: 144.983+/-0.068 χ^2/NDF : 75197.1/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 114.948+/-58.571 χ^2/NDF : 0.1/1

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 25.497+/-76.599 χ^2/NDF : 0.0/0

Left: 81.945+/-46.528 χ^2/NDF : 1.0/2

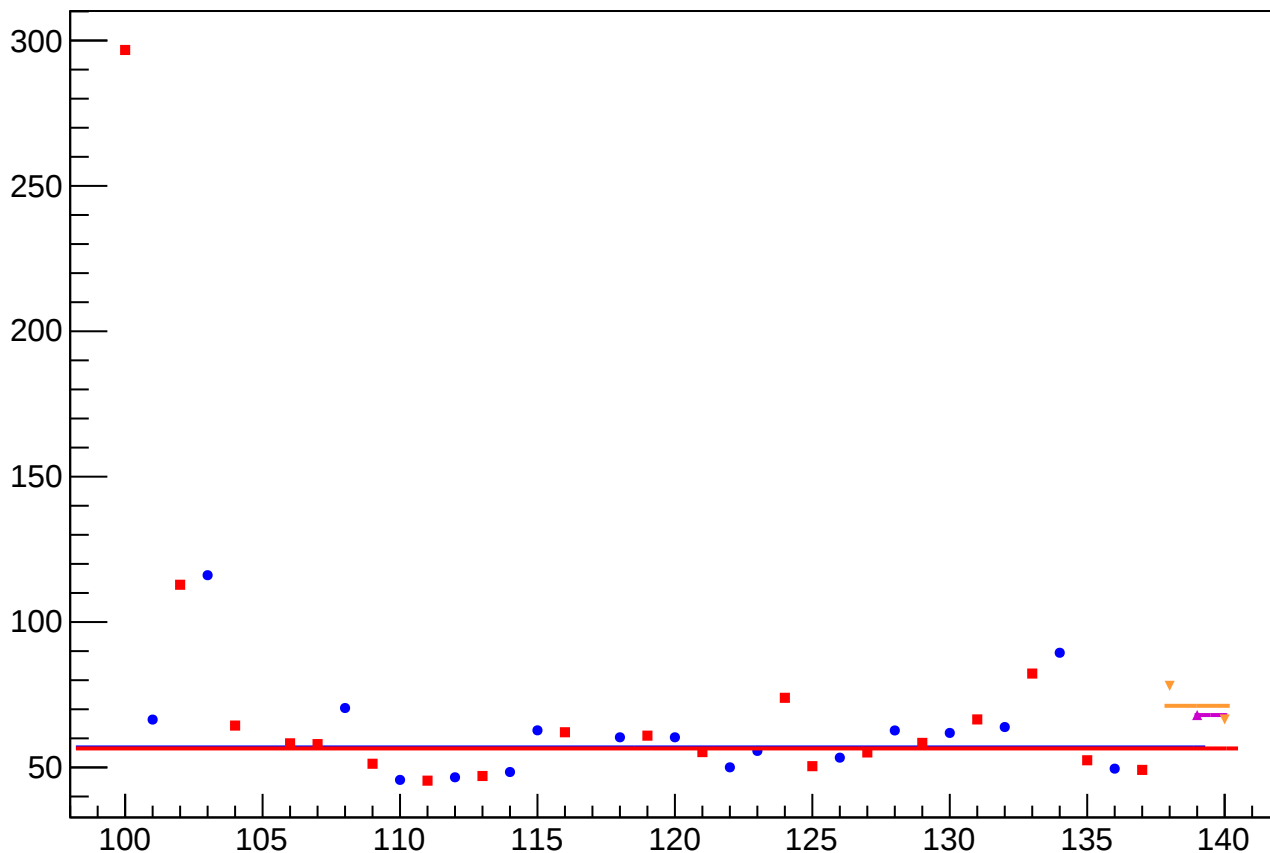
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 22.613+/-21.698 χ^2/NDF : 12.6/17

Out: 49.576+/-20.703 χ^2/NDF : 27.8/20

All: 36.727+/-14.979 χ^2/NDF : 41.2/38

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: 71.189 $\pm$ 0.041 χ^2 /NDF: 18791.4/1

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 68.016 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left: 70.018 $\pm$ 0.033 χ^2 /NDF: 20957.4/2

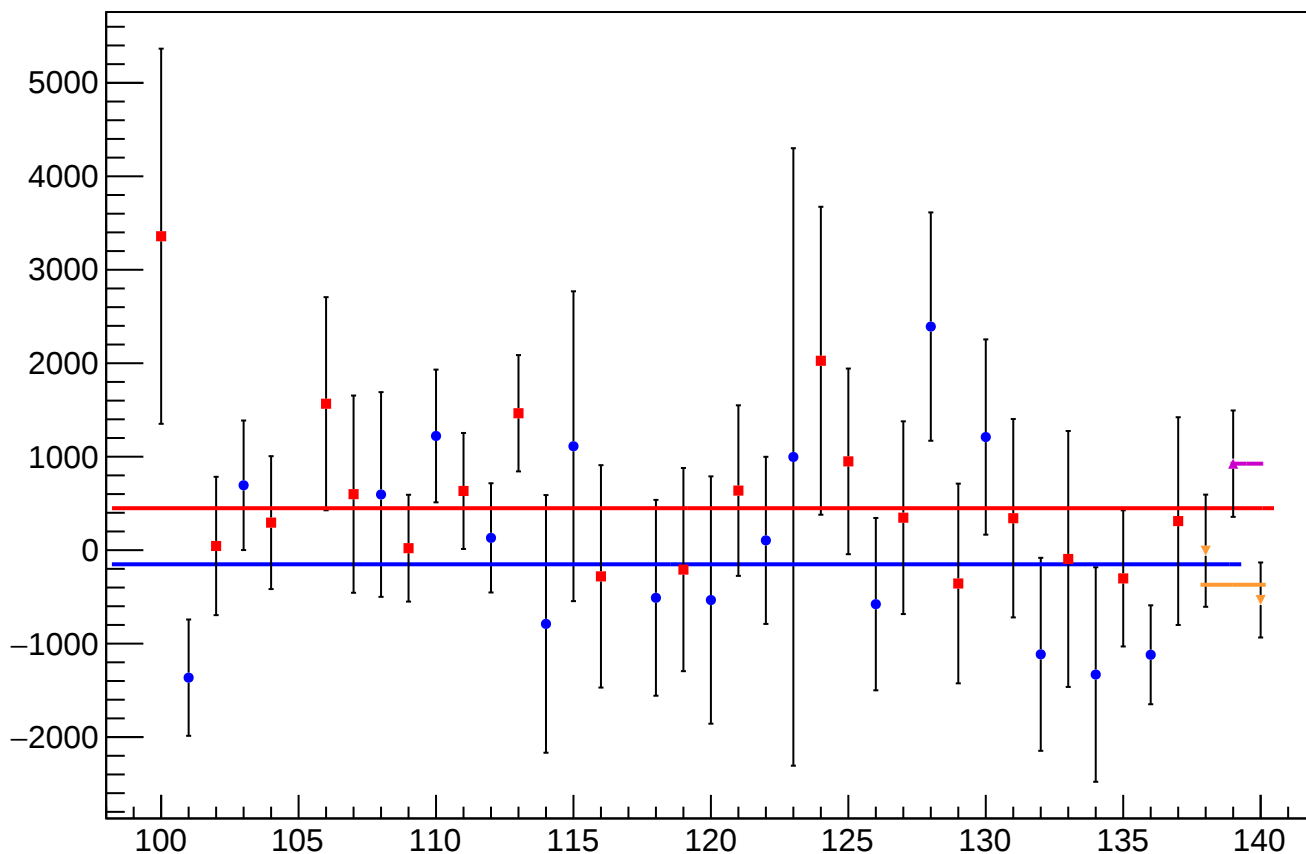
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.772 $\pm$ 0.015 χ^2 /NDF: 614374.4/17

Out: 58.359 $\pm$ 0.015 χ^2 /NDF: 740730.3/20

All: 58.080 $\pm$ 0.011 χ^2 /NDF: 1355871.2/38

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -370.152+/-333.669 χ^2/NDF : 0.5/1

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 925.383+/-569.111 χ^2/NDF : 0.0/0

Left: -38.739+/-287.844 χ^2/NDF : 4.4/2

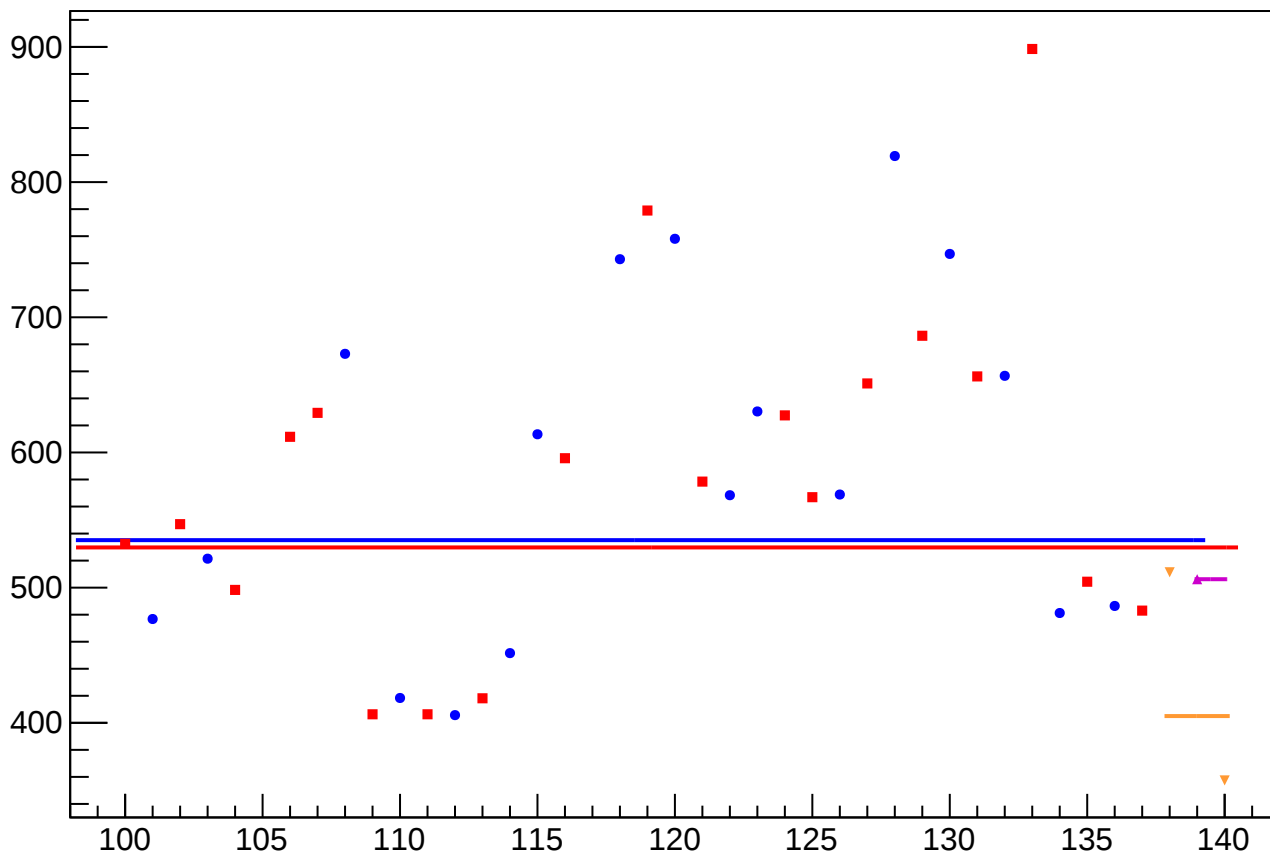
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: -19.521+/-199.032 χ^2/NDF : 25.6/17

Out: 226.071+/-174.048 χ^2/NDF : 15.4/20

All: 119.649+/-131.019 χ^2/NDF : 41.9/38

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: 404.999 $\pm$ 0.236 χ^2 /NDF: 90955.2/1

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 506.242 $\pm$ 0.402 χ^2 /NDF: 0.0/0

Left: 430.898 $\pm$ 0.204 χ^2 /NDF: 138058.5/2

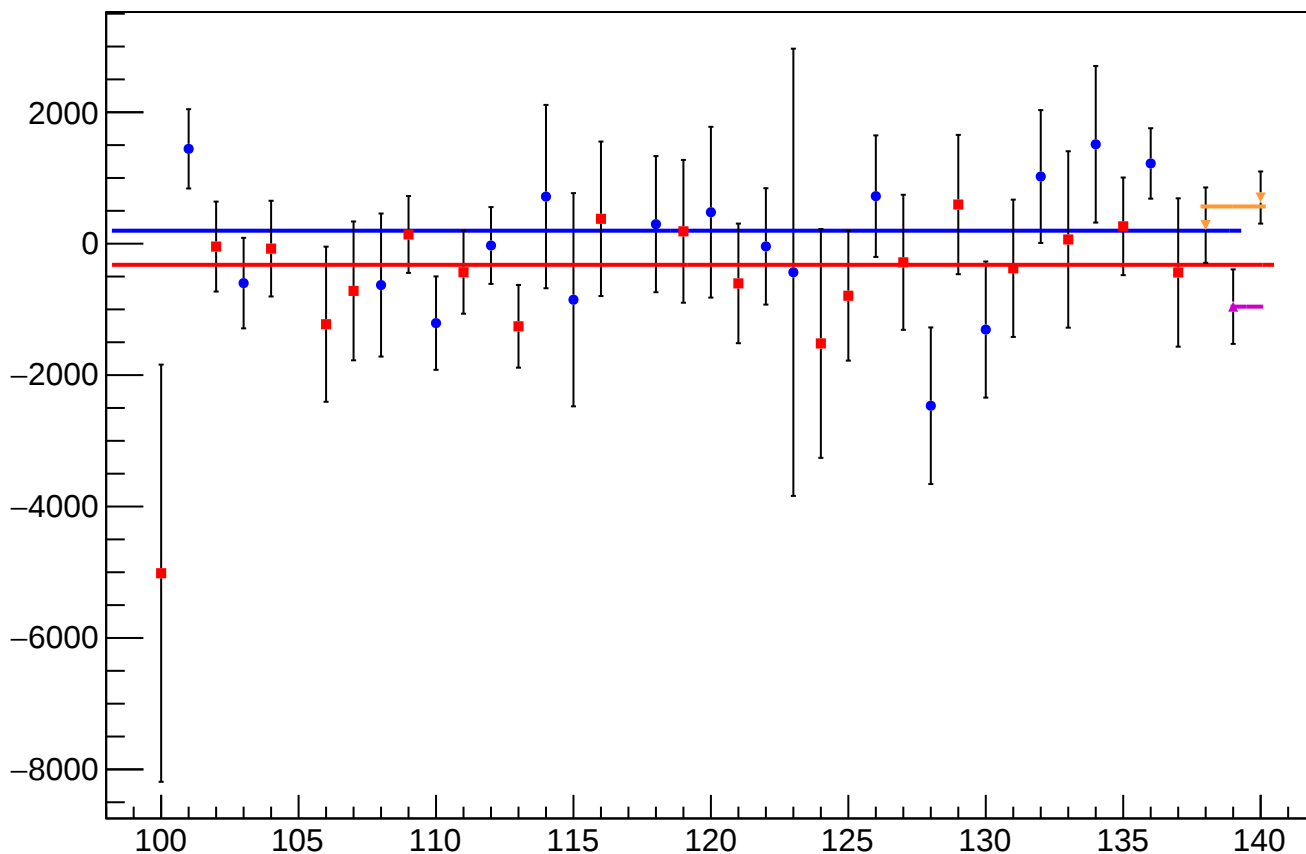
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 531.603 $\pm$ 0.141 χ^2 /NDF: 600609.9/17

Out: 495.806 $\pm$ 0.123 χ^2 /NDF: 941179.8/20

All: 511.318 $\pm$ 0.093 χ^2 /NDF: 1578451.8/38

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 566.339 $\pm$ 326.084 χ^2 /NDF:0.4/1

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -958.151 $\pm$ 566.794 χ^2 /NDF:0.0/0

Left: 187.233 $\pm$ 282.646 χ^2 /NDF: 5.8/2

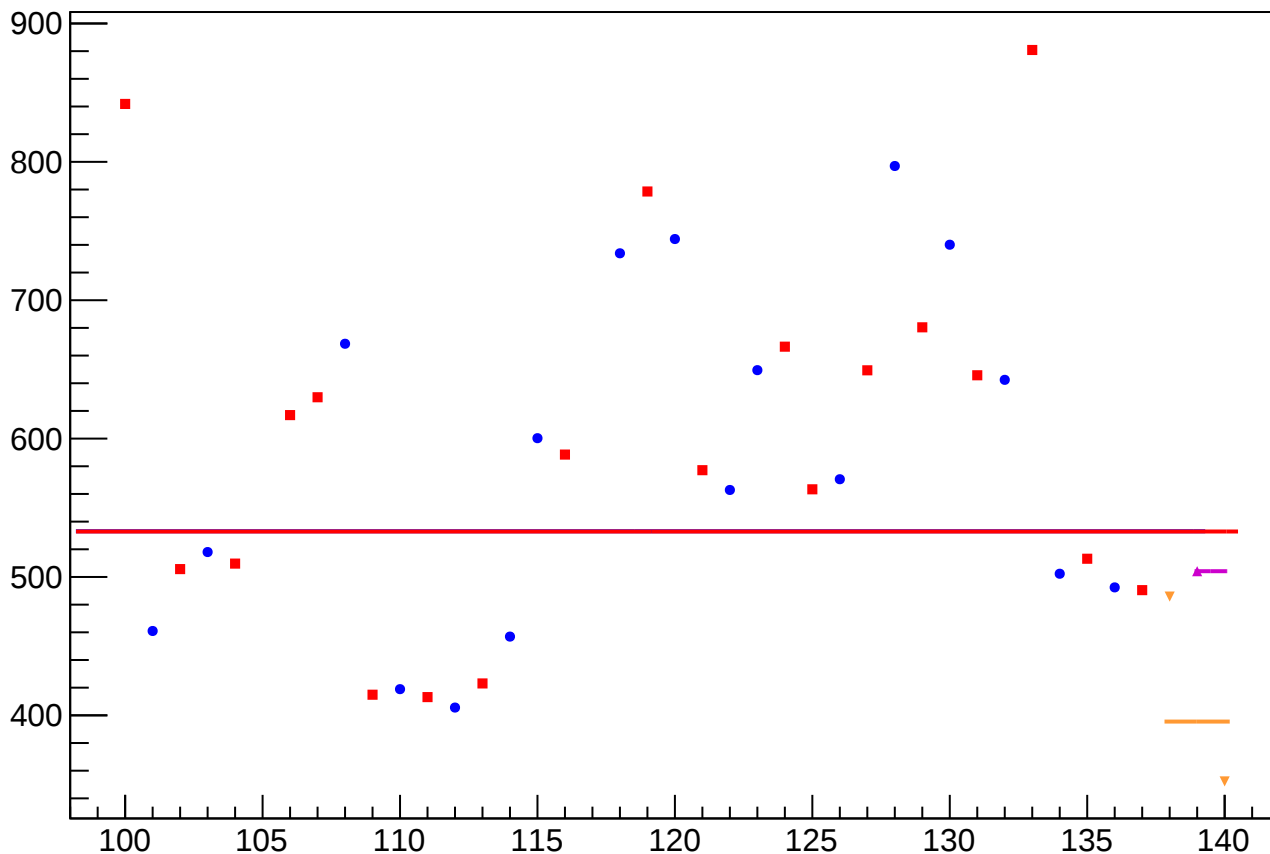
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 56.330 $\pm$ 198.137 χ^2 /NDF:27.6/17

Out: -69.574 $\pm$ 173.716 χ^2 /NDF:14.6/20

All: -14.855 $\pm$ 130.621 χ^2 /NDF: 42.4/38

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 504.168+/-0.401 χ^2/NDF : 0.0/0

Left: 422.520+/-0.200 χ^2/NDF : 128711.2/2

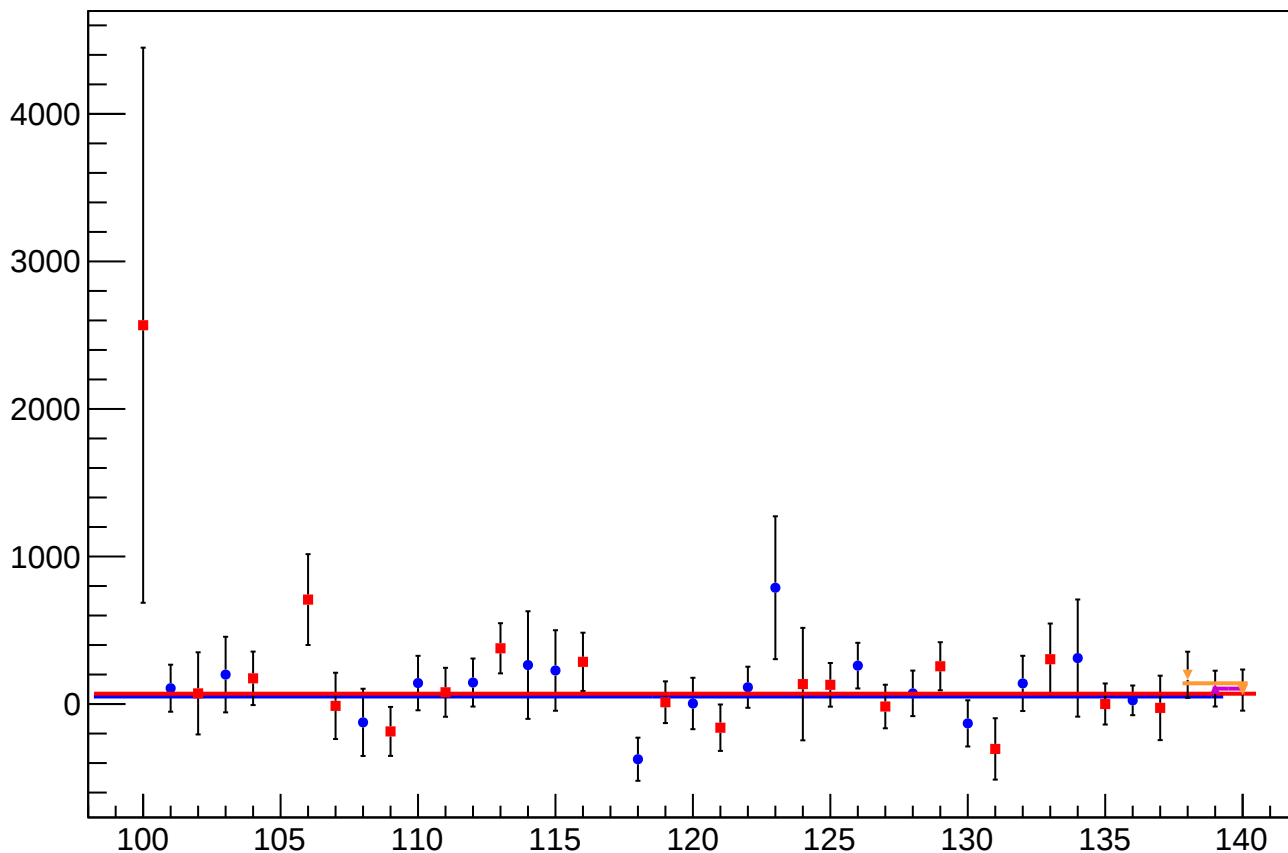
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 529.504+/-0.140 χ^2/NDF : 571403.7/17

Out: 493.873+/-0.123 χ^2/NDF : 944600.1/20

All: 509.358+/-0.092 χ^2/NDF : 1552572.2/38

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 140.533+/-104.073 χ^2/NDF : 0.2/1

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 104.560+/-121.362 χ^2/NDF : 0.0/0

Left: 125.289+/-79.003 χ^2/NDF : 0.3/2

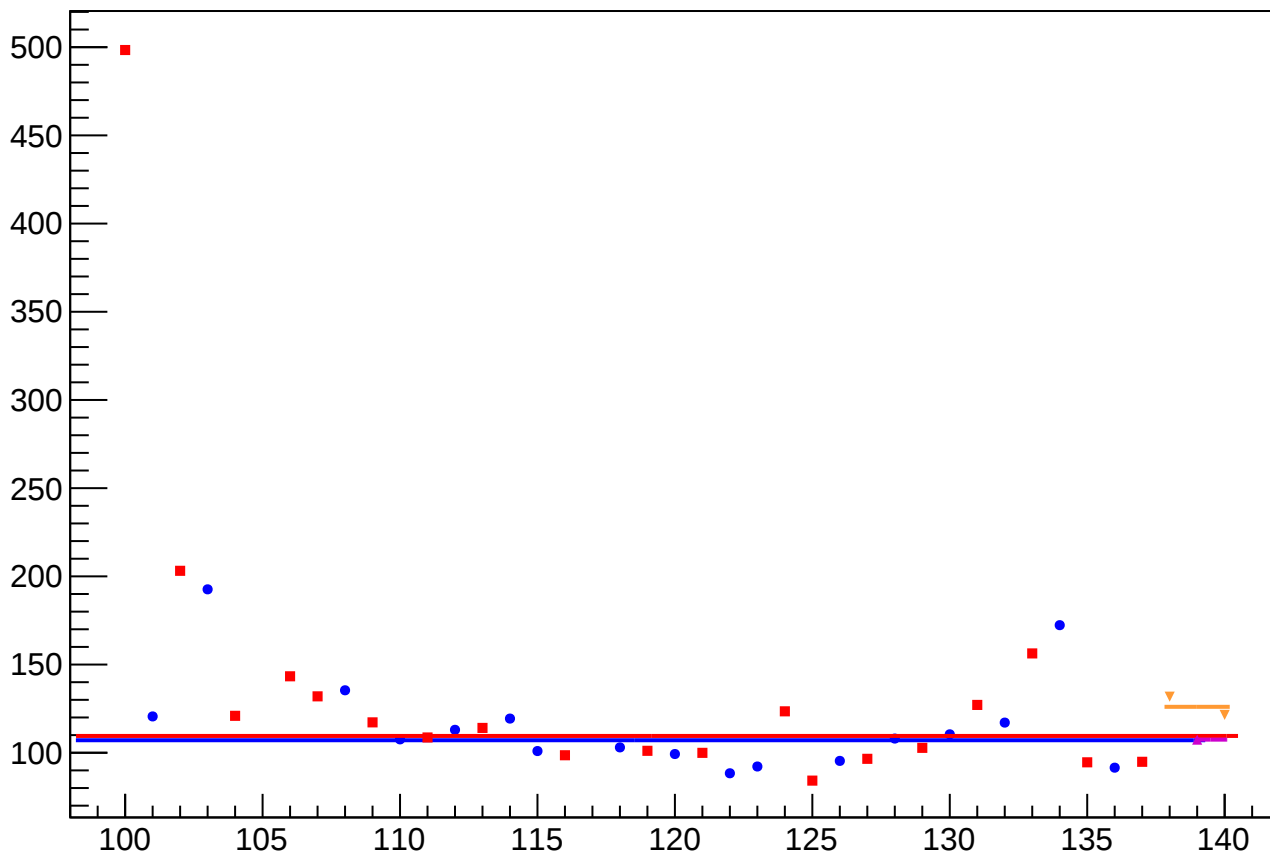
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 56.978+/-40.041 χ^2/NDF : 17.5/17

Out: 80.261+/-39.577 χ^2/NDF : 22.8/20

All: 68.755+/-28.148 χ^2/NDF : 40.5/38

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: 126.041 $\pm$ 0.074 χ^2 /NDF:4856.4/1

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 107.434 $\pm$ 0.086 χ^2 /NDF:0.0/0

Left: 118.156 $\pm$ 0.056 χ^2 /NDF: 31948.6/2

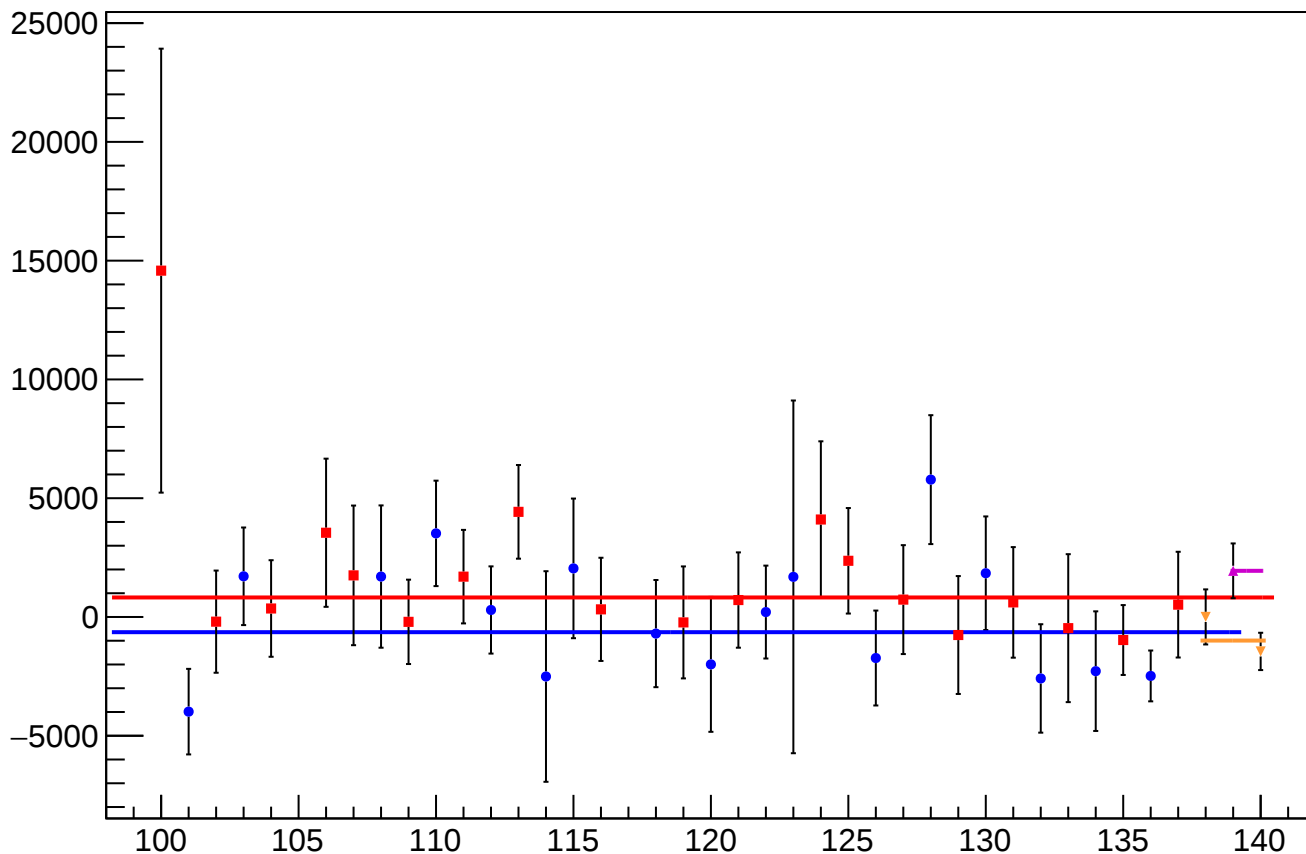
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 107.131 $\pm$ 0.028 χ^2 /NDF:437769.4/17

Out: 111.918 $\pm$ 0.028 χ^2 /NDF:639437.2/20

All: 109.552 $\pm$ 0.020 χ^2 /NDF: 1091668.8/38

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -992.904+/-650.144 χ^2/NDF :1.1/1

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 1943.174+/-1152.946 χ^2/NDF :0.0/0

Left: -284.535+/-566.311 χ^2/NDF : 6.0/2

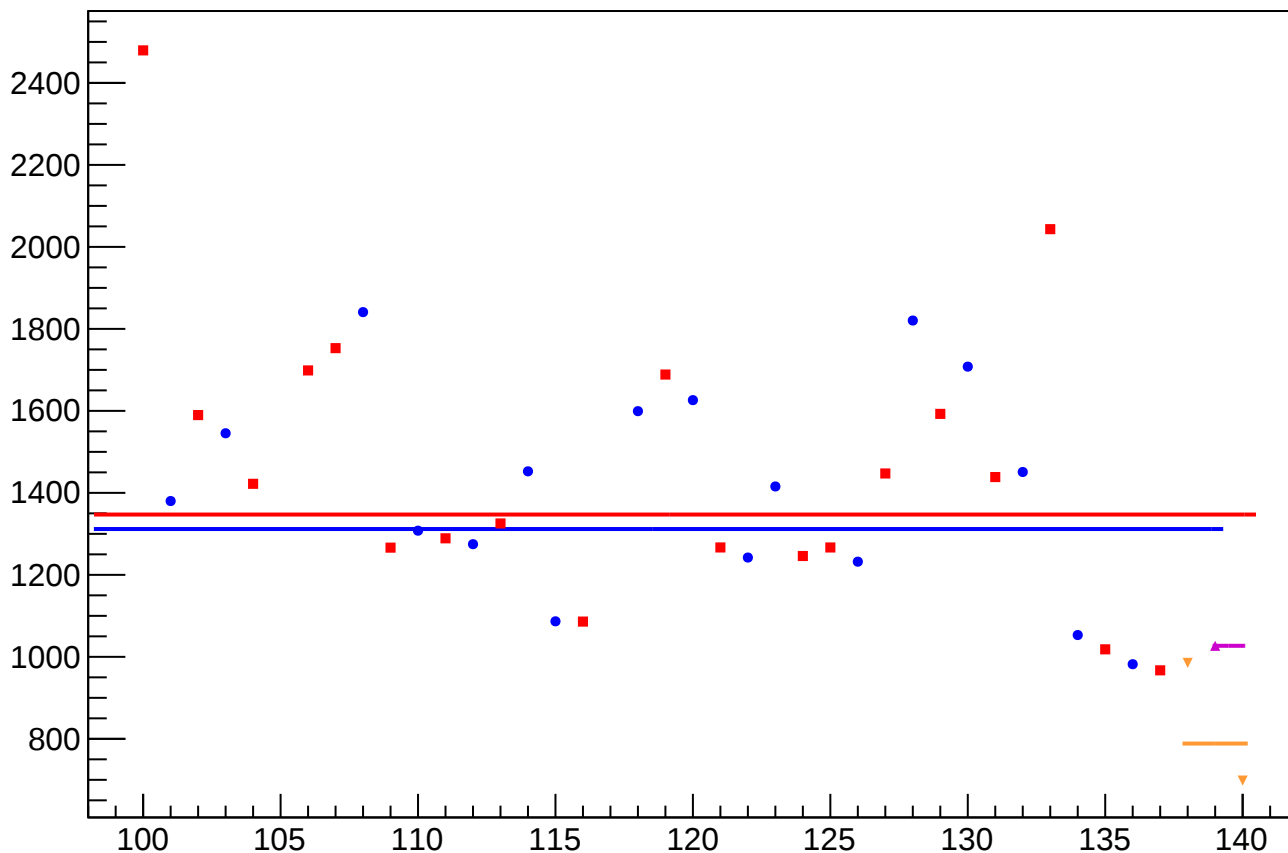
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -204.280+/-473.448 χ^2/NDF :25.9/17

Out: 120.831+/-404.011 χ^2/NDF :16.9/20

All: -16.157+/-307.325 χ^2/NDF : 43.1/38

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: 788.501 $\pm$ 0.460 χ^2 /NDF:84095.3/1

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 1026.952 $\pm$ 0.815 χ^2 /NDF:0.0/0

Left: 846.031 $\pm$ 0.400 χ^2 /NDF: 149003.6/2

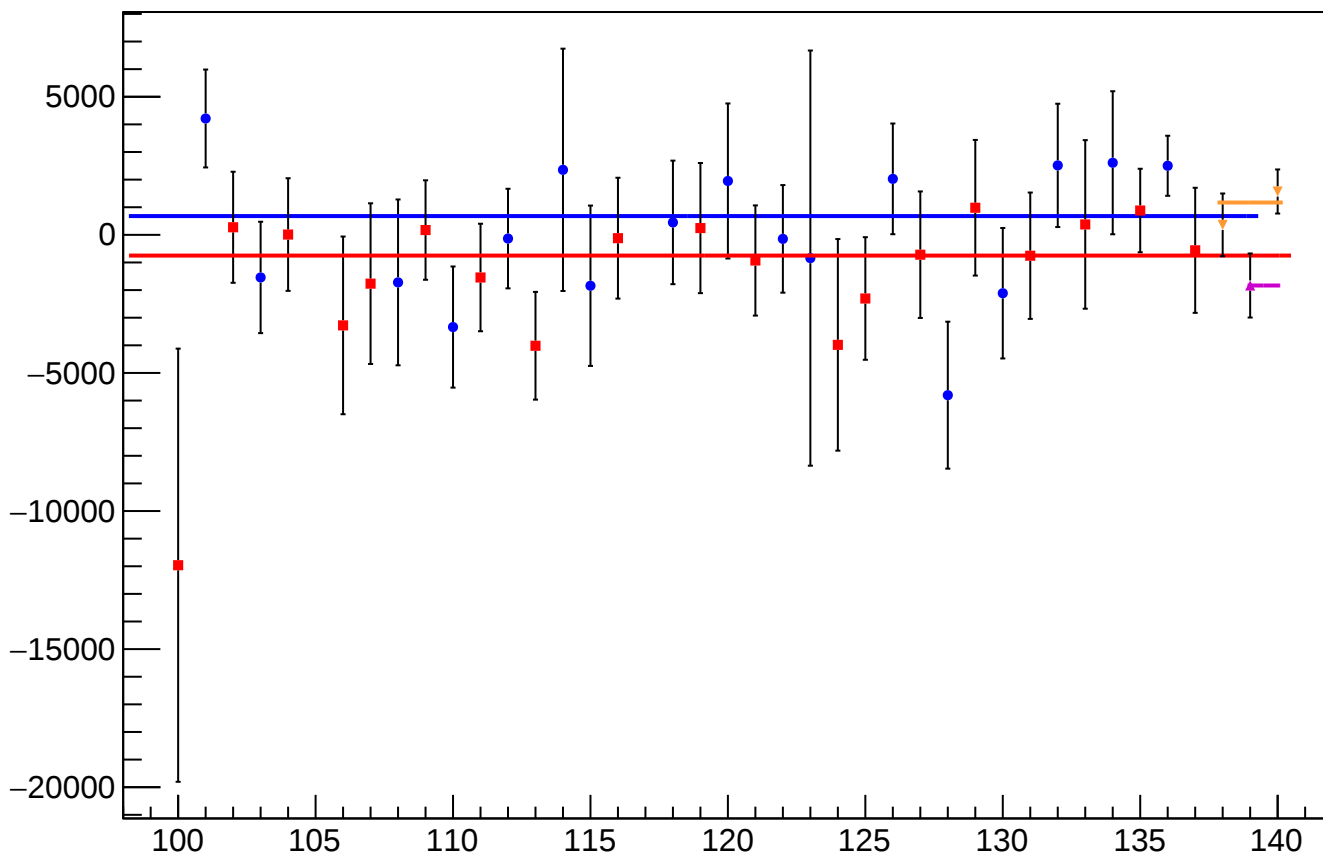
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 1263.763 $\pm$ 0.335 χ^2 /NDF:614164.7/17

Out: 1131.402 $\pm$ 0.286 χ^2 /NDF:1480897.9/20

All: 1187.173 $\pm$ 0.217 χ^2 /NDF: 2185513.7/38

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Left: 447.595+/-569.087 χ^2/NDF : 5.9/2

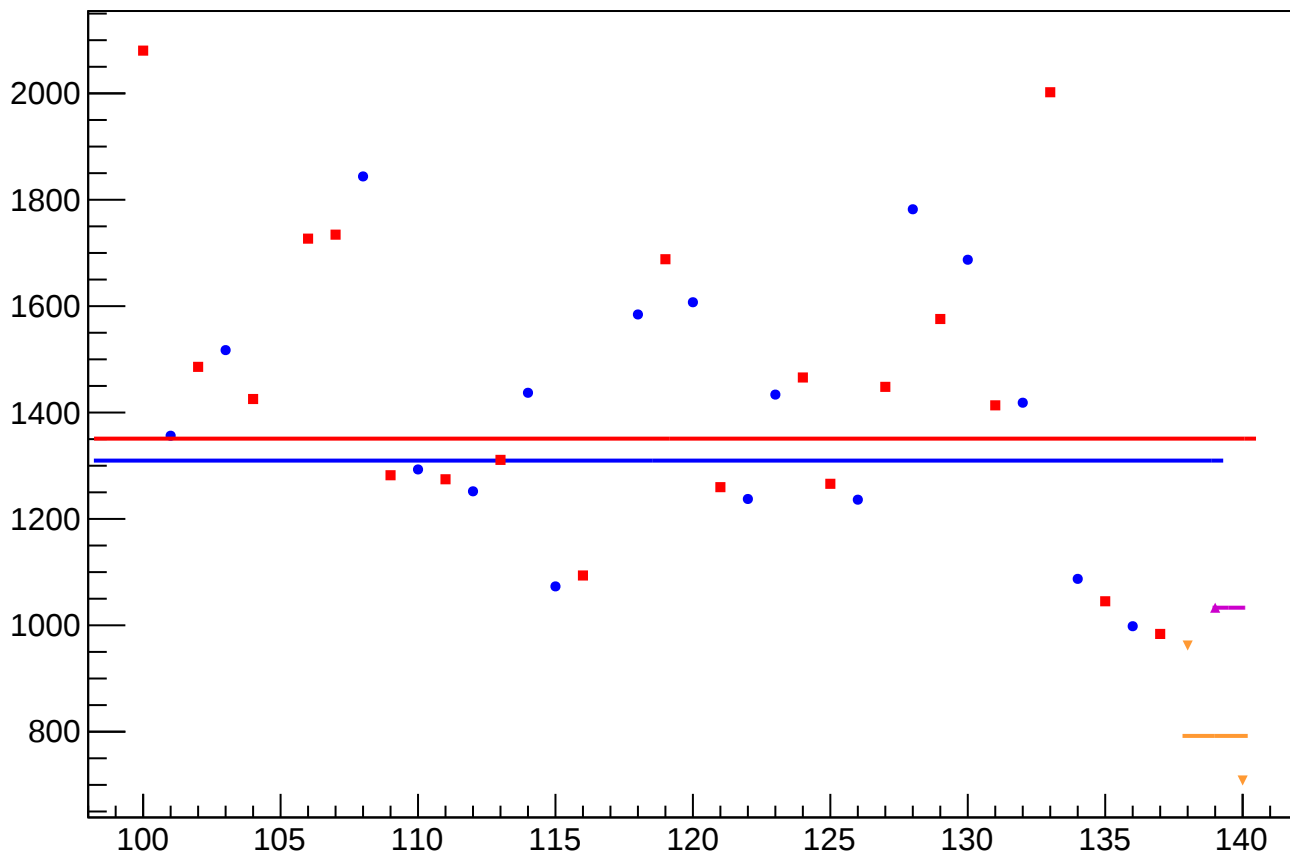
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 262.648+/-472.604 χ^2/NDF : 26.5/17

Out: -11.266+/-404.974 χ^2/NDF : 15.8/20

All: 104.707+/-307.516 χ^2/NDF : 42.4/38

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 792.077 $\pm$ 0.462 χ^2 /NDF: 66777.2/1

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 1033.115 $\pm$ 0.820 χ^2 /NDF: 0.0/0

Left: 850.097 $\pm$ 0.402 χ^2 /NDF: 132352.6/2

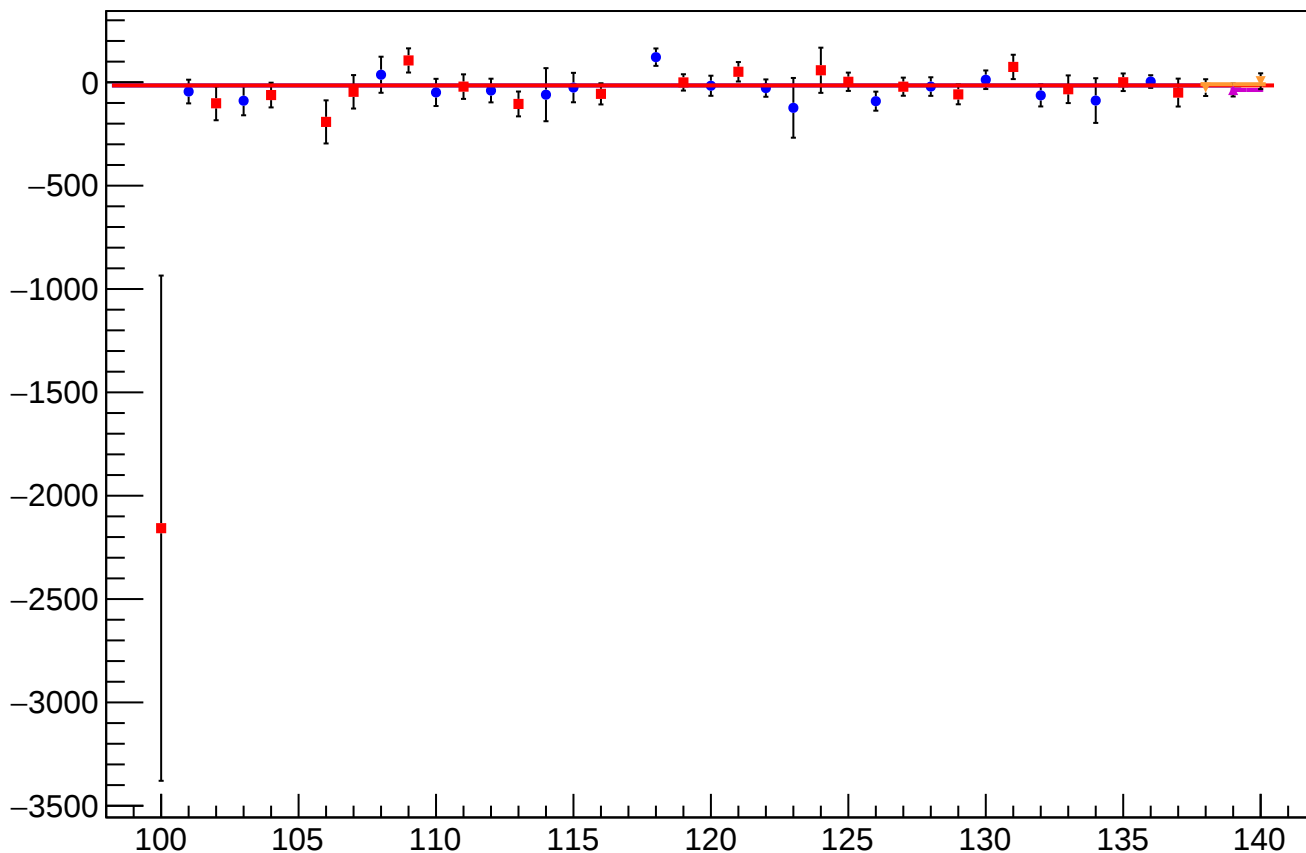
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 1263.746 $\pm$ 0.334 χ^2 /NDF: 554121.4/17

Out: 1136.054 $\pm$ 0.286 χ^2 /NDF: 1390898.2/20

All: 1190.118 $\pm$ 0.217 χ^2 /NDF: 2029206.7/38

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: -9.298 ± 27.834 χ^2/NDF : 0.3/1

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -37.292 ± 31.357 χ^2/NDF : 0.0/0

Left: -21.635 ± 20.816 χ^2/NDF : 0.8/2

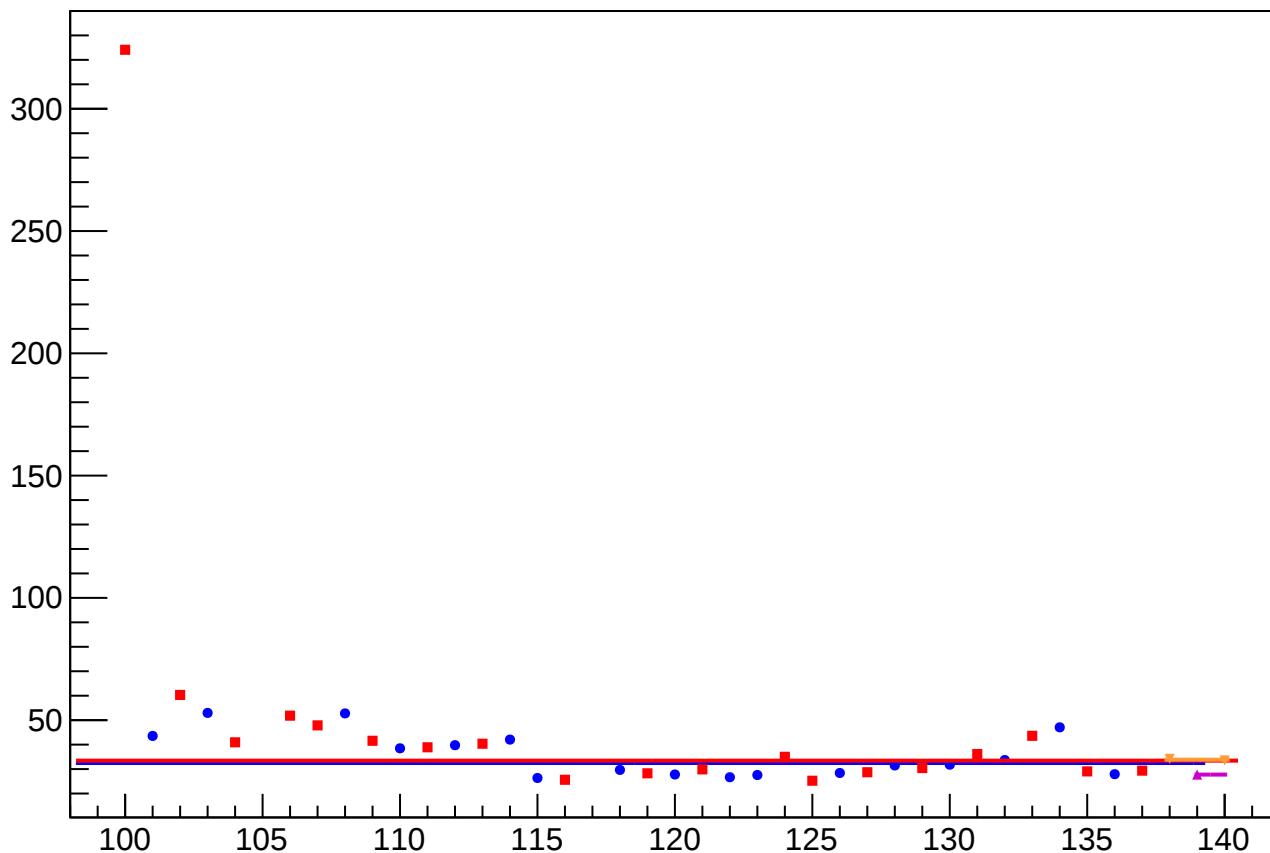
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -18.470 ± 11.936 χ^2/NDF : 18.7/17

Out: -14.036 ± 11.850 χ^2/NDF : 21.6/20

All: -16.237 ± 8.409 χ^2/NDF : 40.4/38

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: 33.831 $\pm$ 0.020 χ^2 /NDF: 262.1/1

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.742 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left: 31.147 $\pm$ 0.015 χ^2 /NDF: 42443.0/2

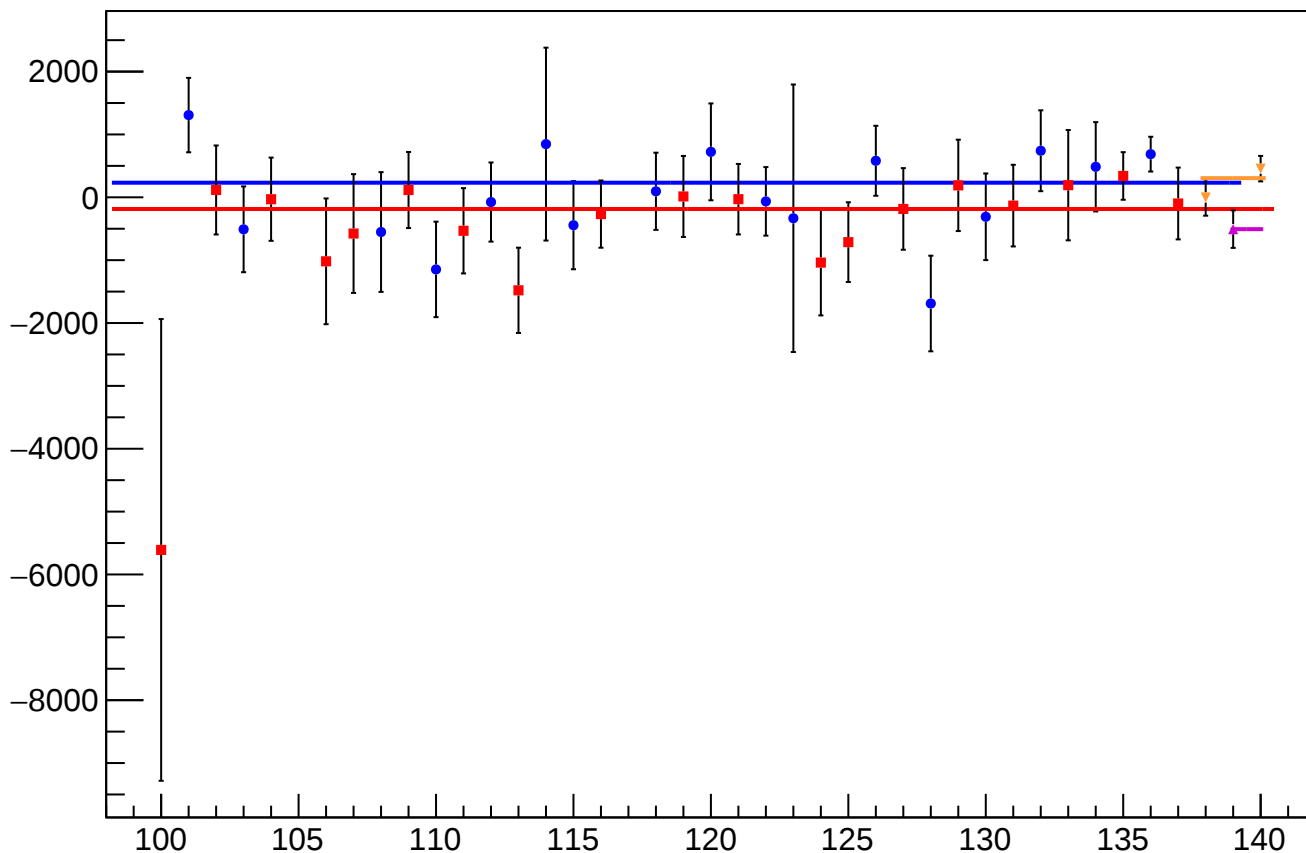
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.801 $\pm$ 0.008 χ^2 /NDF: 633683.8/17

Out: 33.514 $\pm$ 0.008 χ^2 /NDF: 838921.7/20

All: 32.664 $\pm$ 0.006 χ^2 /NDF: 1493355.6/38

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: 304.764 $\pm$ 165.918 χ^2 /NDF:1.7/1

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -506.665 $\pm$ 298.203 χ^2 /NDF:0.0/0

Left: 112.949 $\pm$ 144.987 χ^2 /NDF: 7.3/2

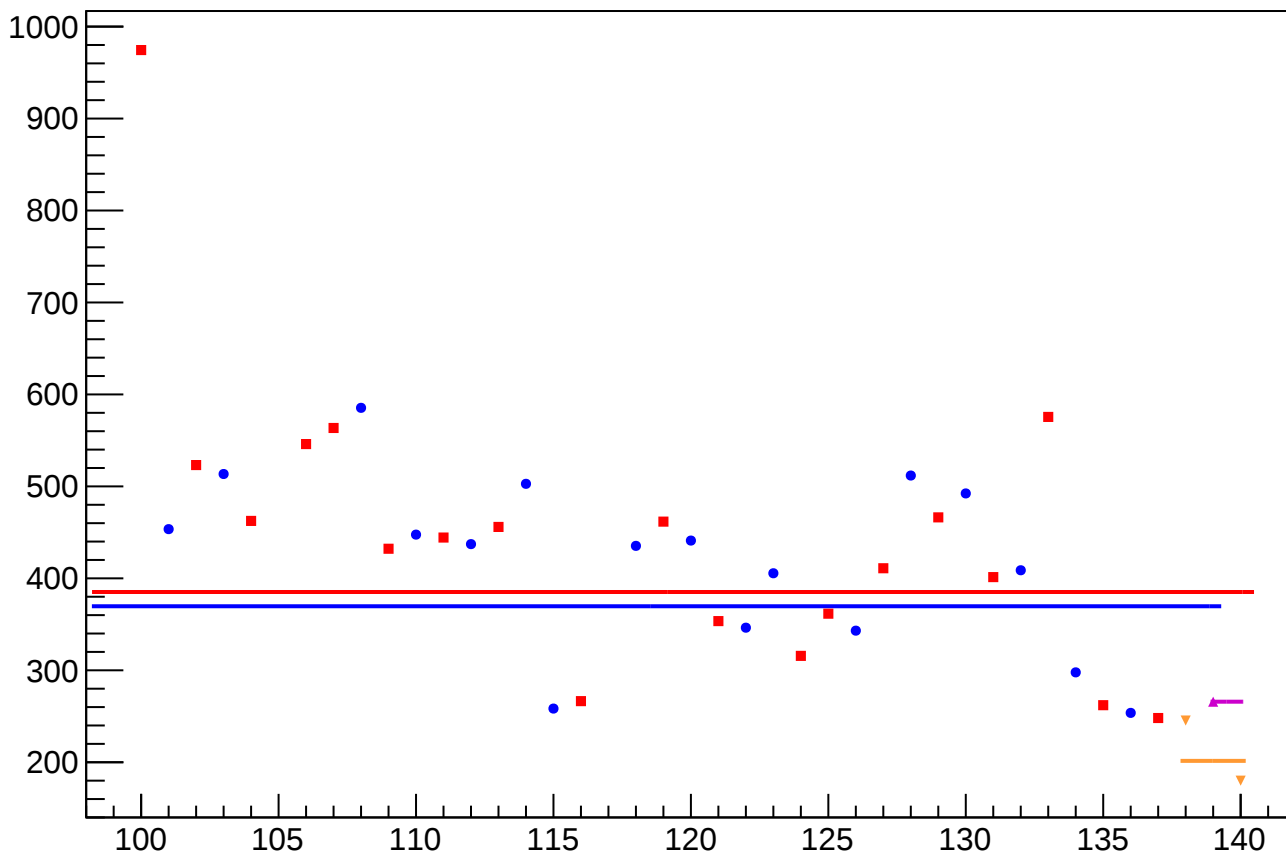
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 85.316 $\pm$ 133.006 χ^2 /NDF:26.4/17

Out: 34.410 $\pm$ 111.219 χ^2 /NDF:18.3/20

All: 55.358 $\pm$ 85.321 χ^2 /NDF: 44.7/38

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: 201.508 $\pm$ 0.117 χ^2 /NDF: 68592.5/1

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 265.865 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left: 216.722 $\pm$ 0.103 χ^2 /NDF: 139724.9/2

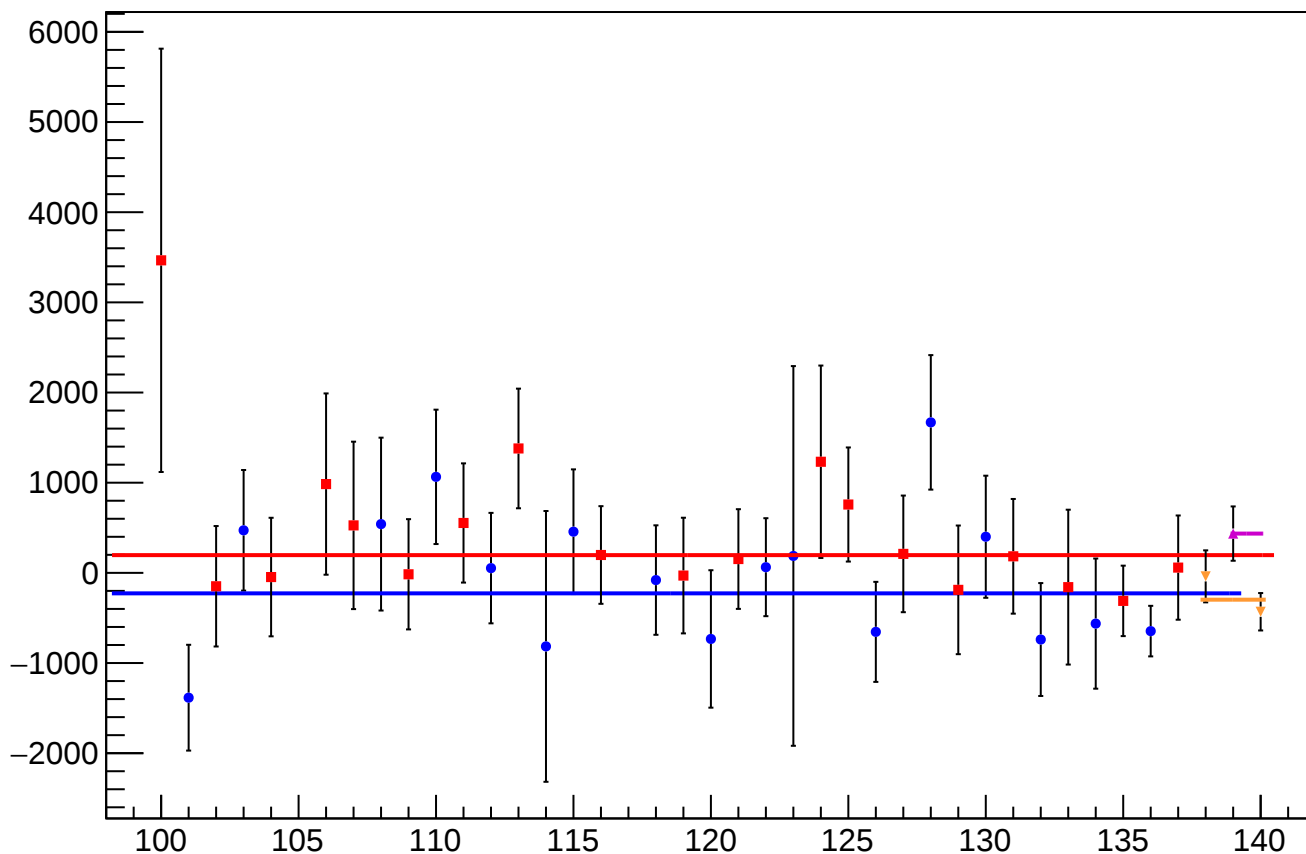
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 349.003 $\pm$ 0.094 χ^2 /NDF: 1096835.1/17

Out: 302.635 $\pm$ 0.079 χ^2 /NDF: 2344409.3/20

All: 321.715 $\pm$ 0.060 χ^2 /NDF: 3584288.6/38

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -297.454+/-168.417 χ^2/NDF : 1.2/1

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 435.560+/-301.235 χ^2/NDF : 0.0/0

Left: -122.893+/-147.002 χ^2/NDF : 5.7/2

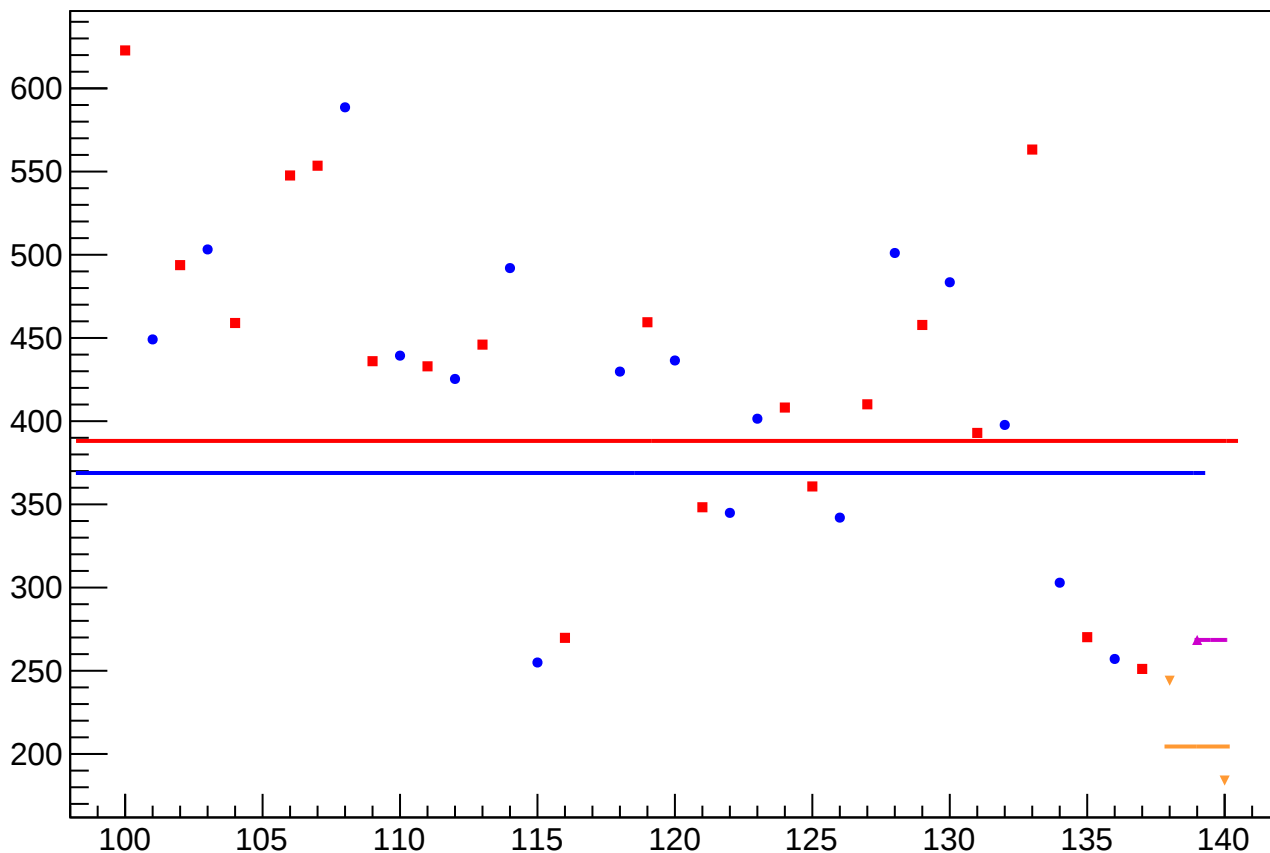
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -98.498+/-132.778 χ^2/NDF : 25.7/17

Out: -22.151+/-112.088 χ^2/NDF : 16.8/20

All: -53.919+/-85.650 χ^2/NDF : 42.7/38

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: 204.488 $\pm$ 0.119 χ^2 /NDF: 57042.0/1

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 268.534 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Left: 219.740 $\pm$ 0.104 χ^2 /NDF: 125919.3/2

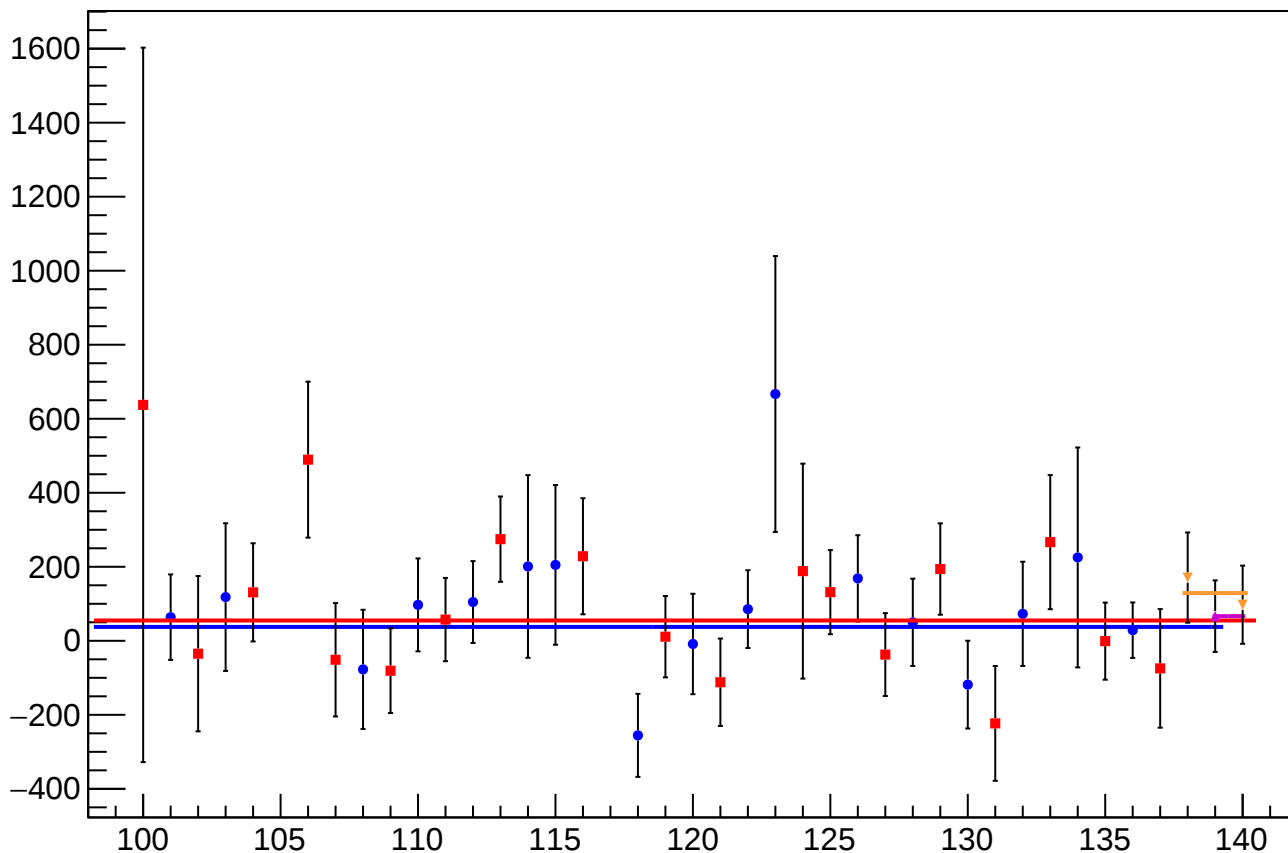
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 349.371 $\pm$ 0.094 χ^2 /NDF: 1008488.6/17

Out: 306.787 $\pm$ 0.079 χ^2 /NDF: 2159874.6/20

All: 324.506 $\pm$ 0.061 χ^2 /NDF: 3288480.3/38

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 128.968+/-79.798 χ^2/NDF : 0.2/1

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 66.621+/-96.634 χ^2/NDF : 0.0/0

Left: 103.690+/-61.531 χ^2/NDF : 0.5/2

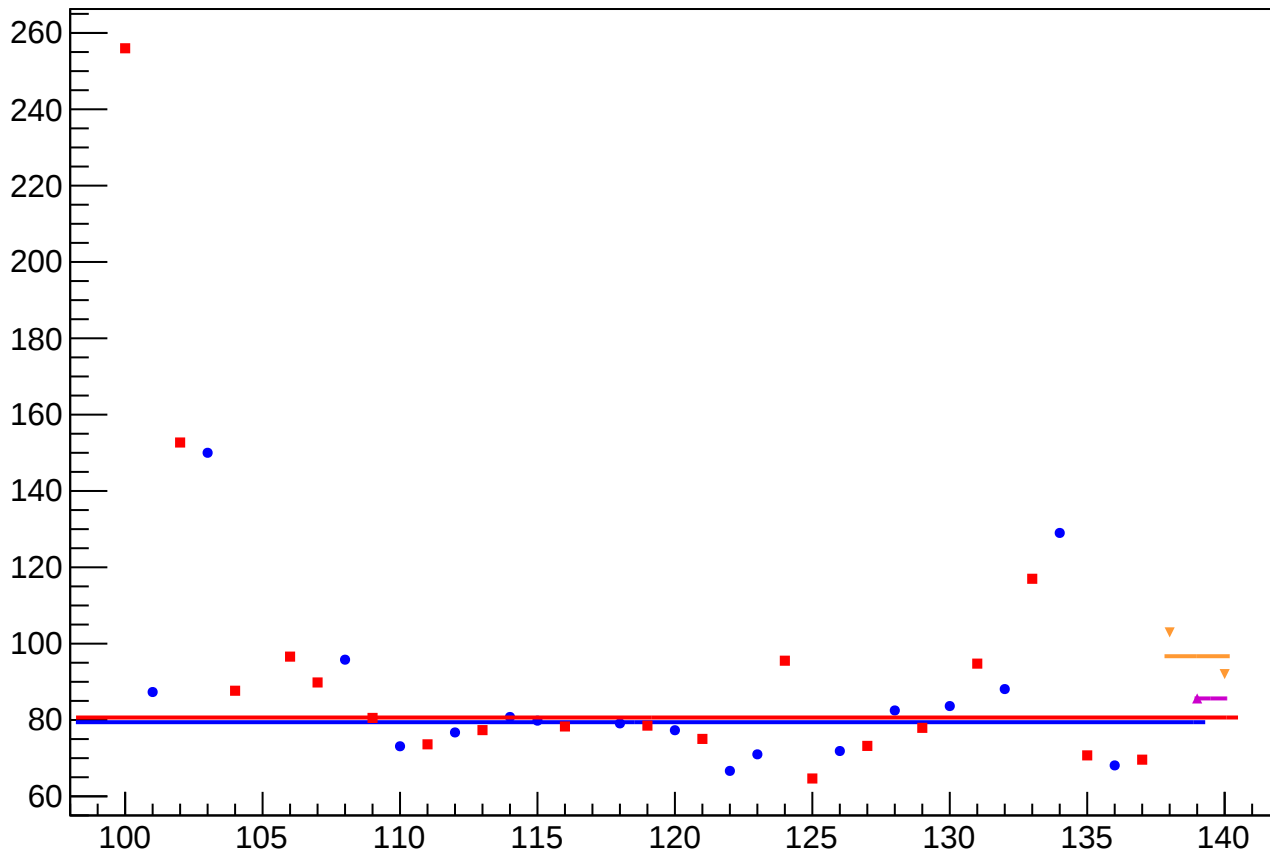
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 40.323+/-29.915 χ^2/NDF : 15.9/17

Out: 64.865+/-29.278 χ^2/NDF : 23.1/20

All: 52.858+/-20.924 χ^2/NDF : 39.4/38

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 96.707 $\pm$ 0.056 χ^2 /NDF:9188.6/1

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 85.646 $\pm$ 0.068 χ^2 /NDF:0.0/0

Left: 92.222 $\pm$ 0.044 χ^2 /NDF: 24768.5/2

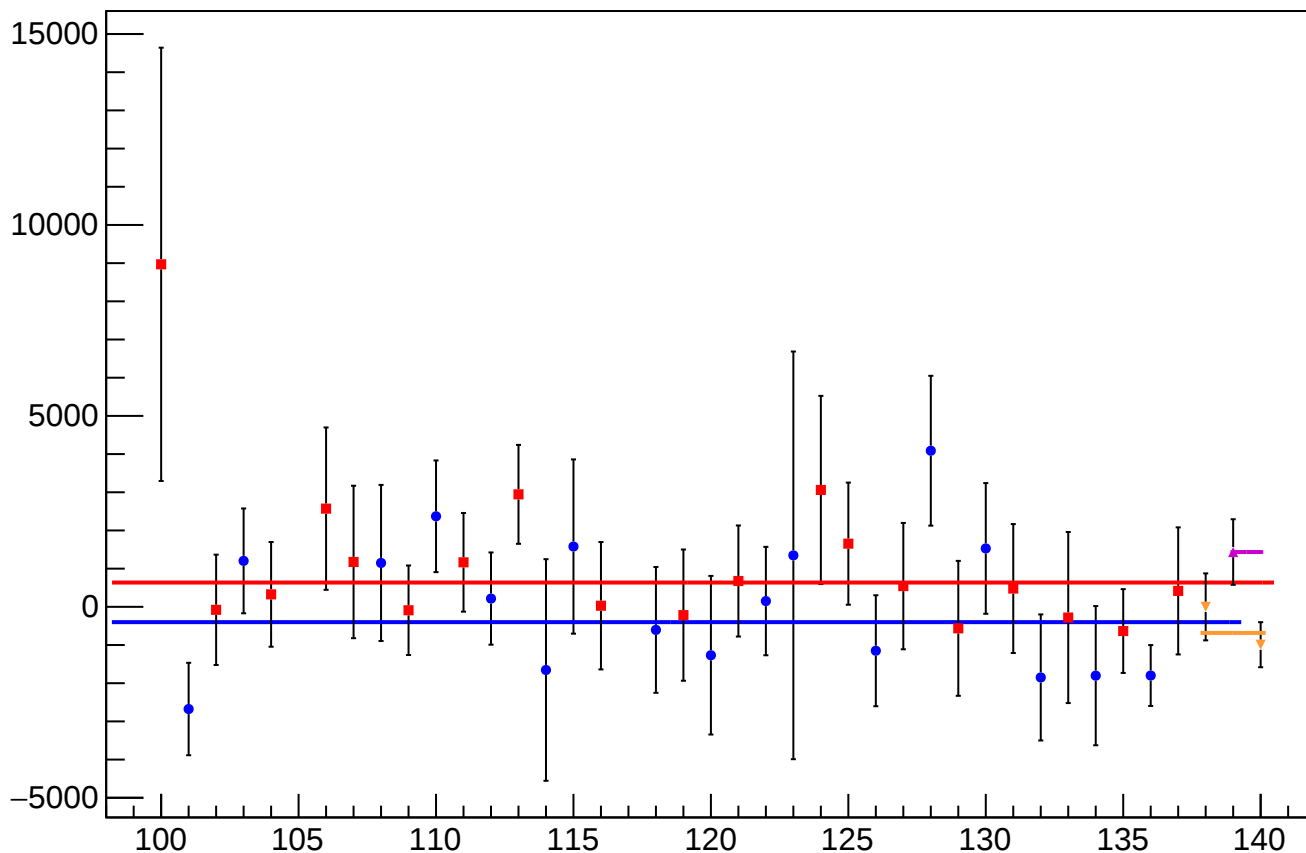
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 80.018 $\pm$ 0.021 χ^2 /NDF:446550.2/17

Out: 82.813 $\pm$ 0.021 χ^2 /NDF:599689.2/20

All: 81.446 $\pm$ 0.015 χ^2 /NDF: 1055159.2/38

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -683.055+/-489.389 χ^2/NDF : 0.9/1

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 1434.942+/-858.880 χ^2/NDF : 0.0/0

Left: -163.943+/-425.207 χ^2/NDF : 5.5/2

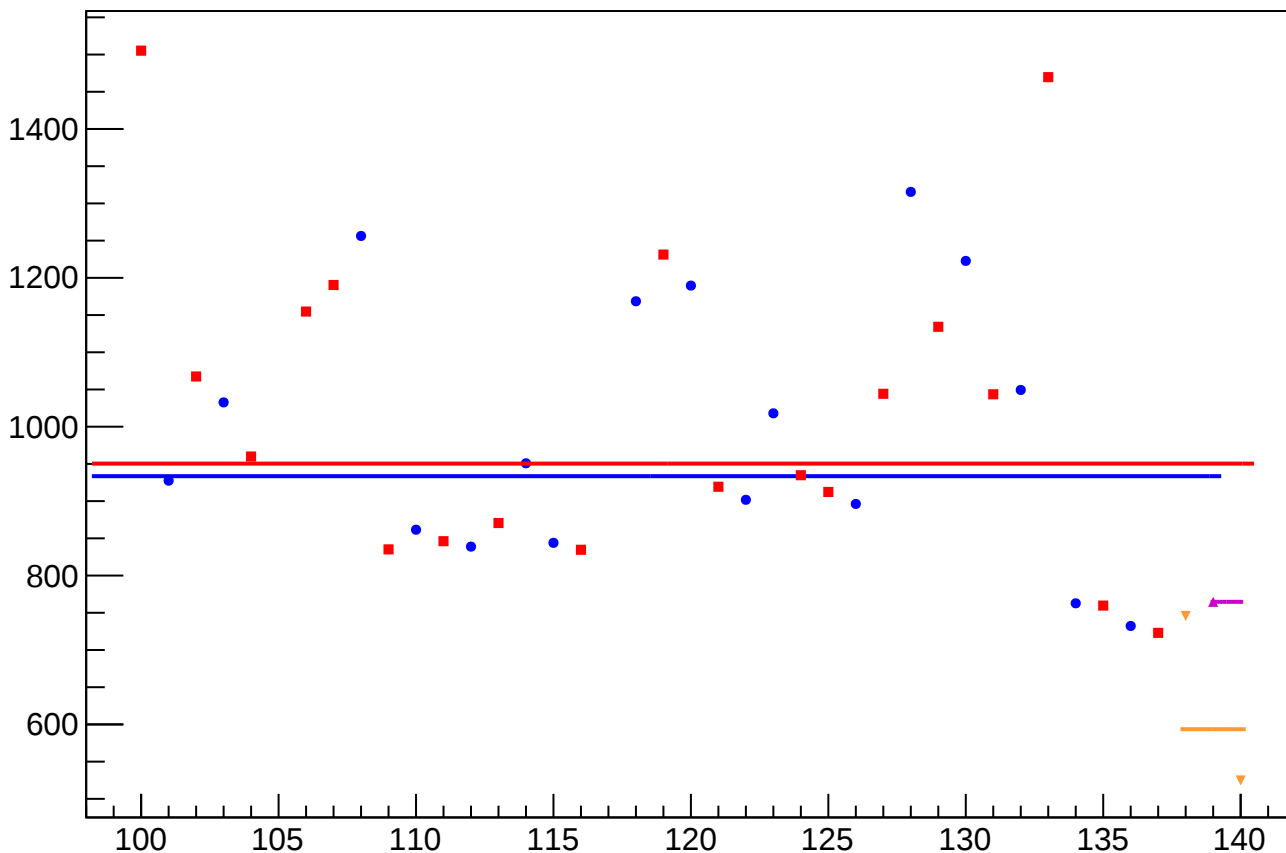
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -115.645+/-338.631 χ^2/NDF : 25.8/17

Out: 168.064+/-291.512 χ^2/NDF : 16.4/20

All: 47.306+/-220.927 χ^2/NDF : 42.6/38

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 593.558 $\pm$ 0.346 χ^2 /NDF:87542.3/1

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 764.713 $\pm$ 0.607 χ^2 /NDF:0.0/0

Left: 635.508 $\pm$ 0.301 χ^2 /NDF: 147498.7/2

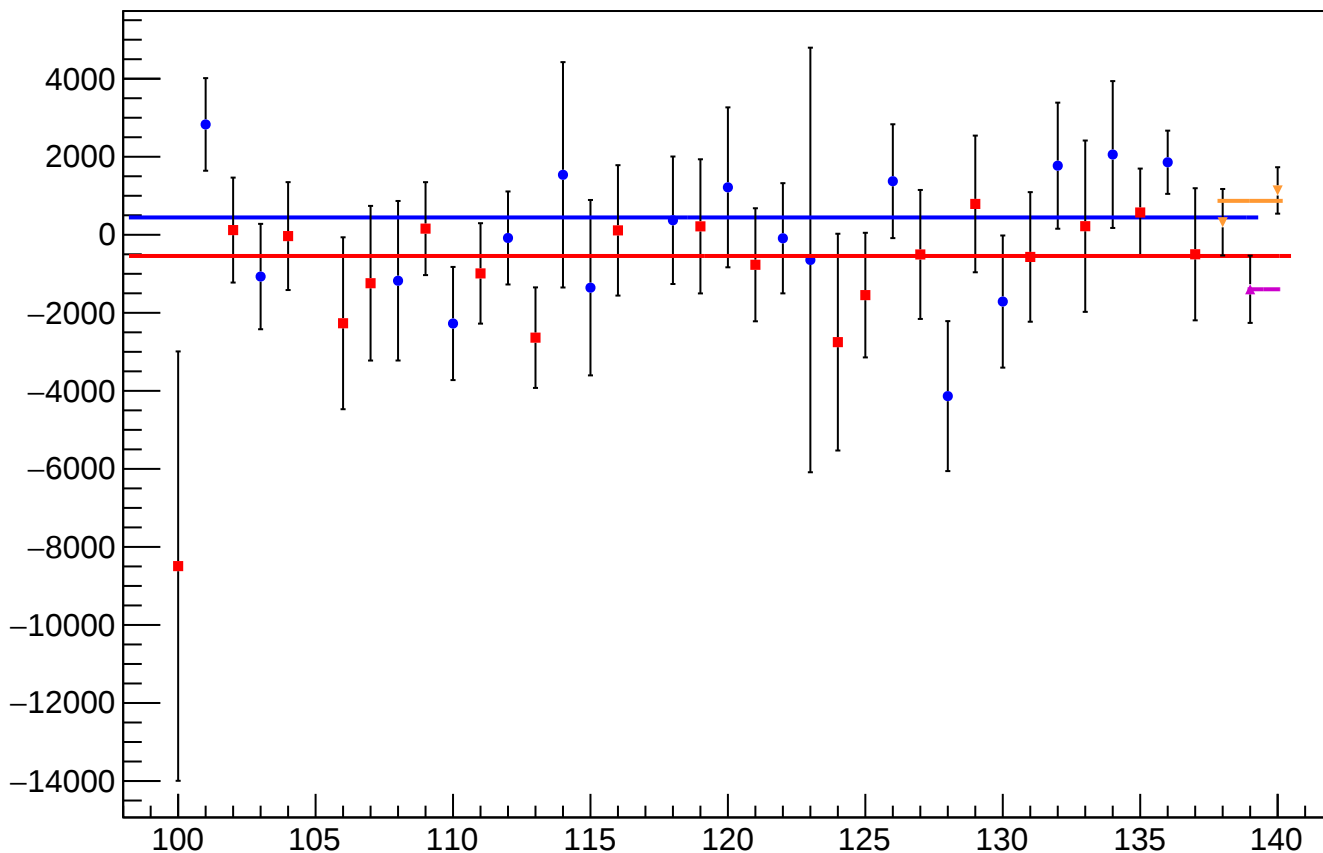
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 907.288 $\pm$ 0.239 χ^2 /NDF:507578.2/17

Out: 823.794 $\pm$ 0.206 χ^2 /NDF:1197995.8/20

All: 859.332 $\pm$ 0.156 χ^2 /NDF: 1775408.6/38

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Left: 319.493+/-424.594 χ^2/NDF : 5.9/2

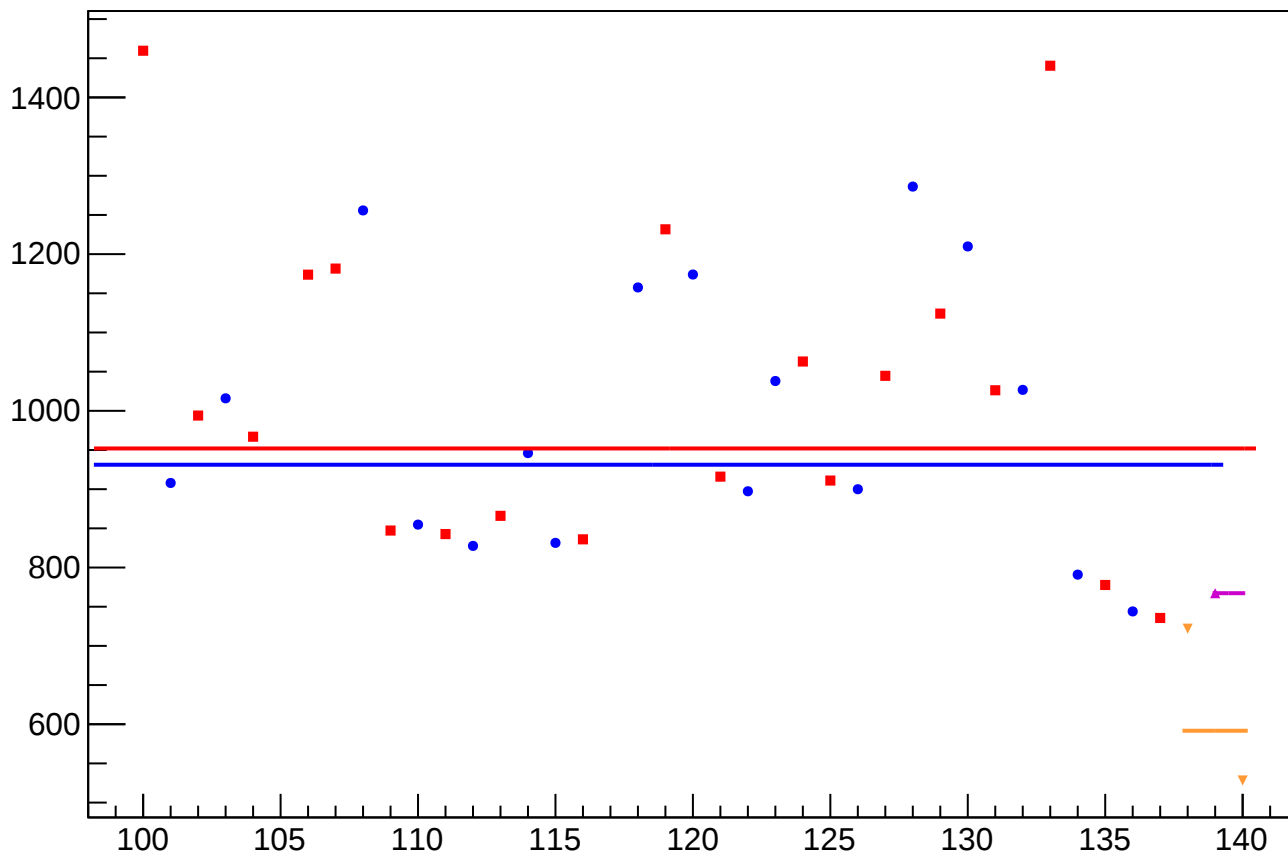
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 161.879+/-337.732 χ^2/NDF : 26.8/17

Out: -39.162+/-291.406 χ^2/NDF : 15.4/20

All: 46.635+/-220.631 χ^2/NDF : 42.4/38

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 591.696 $\pm$ 0.345 χ^2 /NDF:69446.2/1

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 767.248 $\pm$ 0.609 χ^2 /NDF:0.0/0

Left: 634.312 $\pm$ 0.300 χ^2 /NDF: 132296.3/2

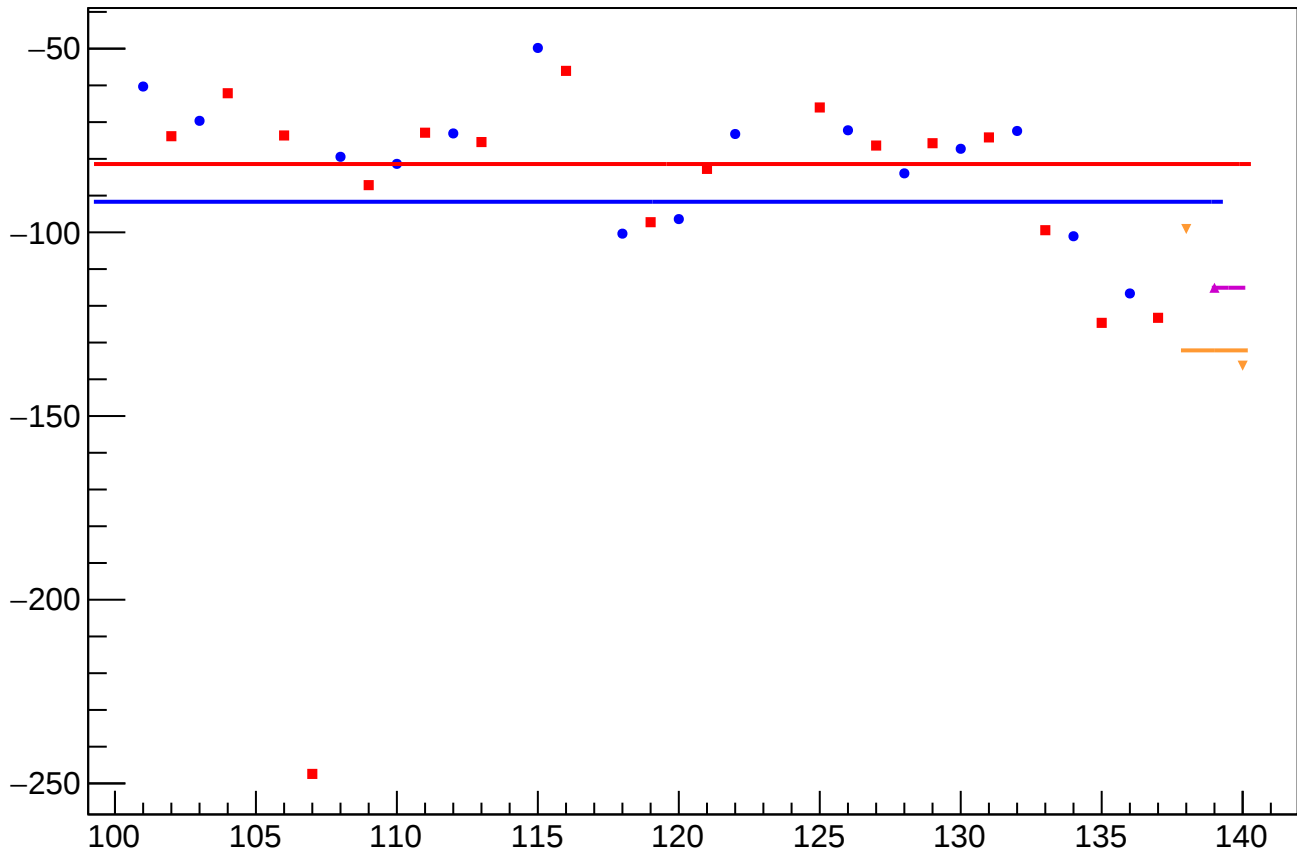
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 906.020 $\pm$ 0.239 χ^2 /NDF:461516.7/17

Out: 823.461 $\pm$ 0.206 χ^2 /NDF:1153537.2/20

All: 858.694 $\pm$ 0.156 χ^2 /NDF: 1683563.2/38

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -132.131 ± 0.271 χ^2/NDF : 1868.4/1

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -115.080 ± 0.403 χ^2/NDF : 0.0/0

Left: -126.814 ± 0.225 χ^2/NDF : 3100.5/2

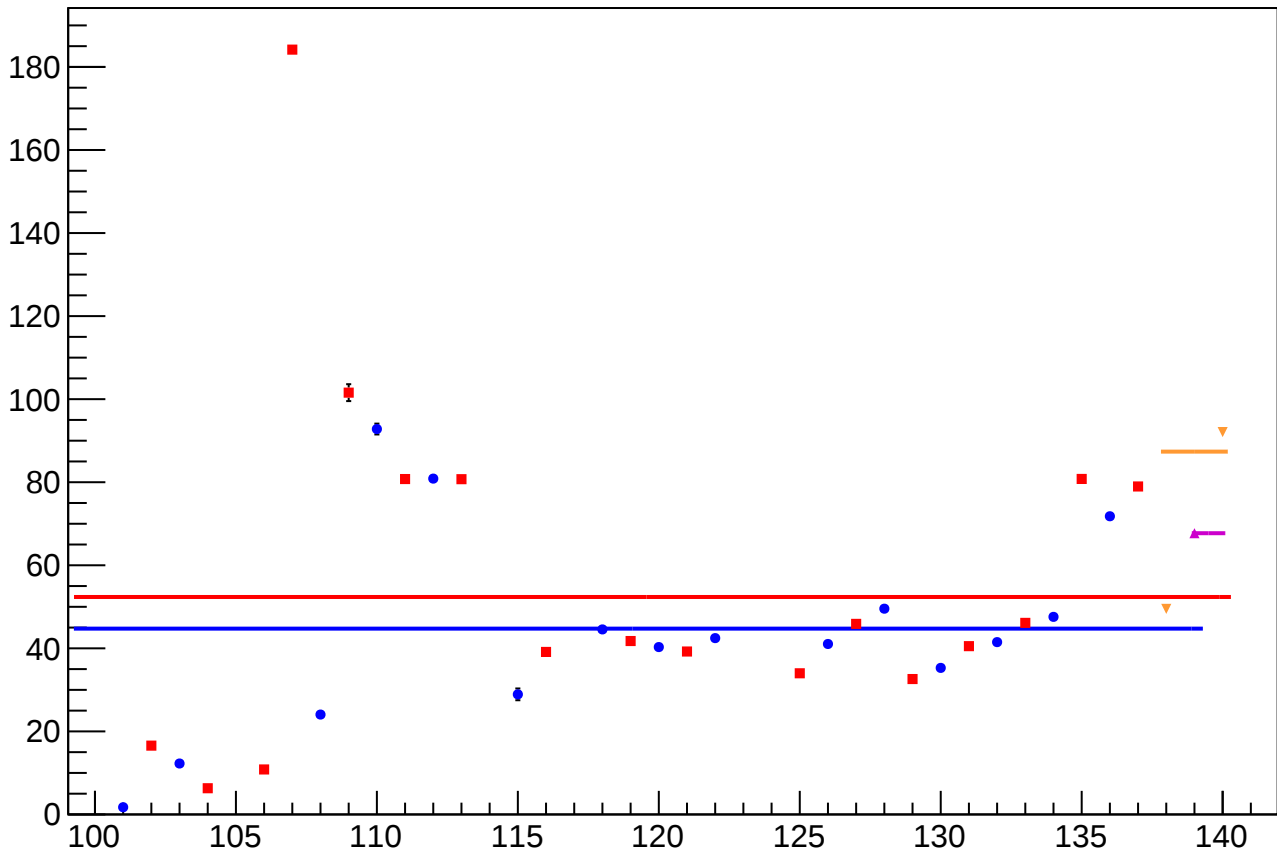
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -92.367 ± 0.069 χ^2/NDF : 67894.6/15

Out: -87.311 ± 0.093 χ^2/NDF : 74471.5/18

All: -90.558 ± 0.055 χ^2/NDF : 144281.6/34

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 87.369 $\pm$ 0.290 χ^2 /NDF:2124.1/1

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 67.722 $\pm$ 0.425 χ^2 /NDF:0.0/0

Left: 81.143 $\pm$ 0.239 χ^2 /NDF: 3581.2/2

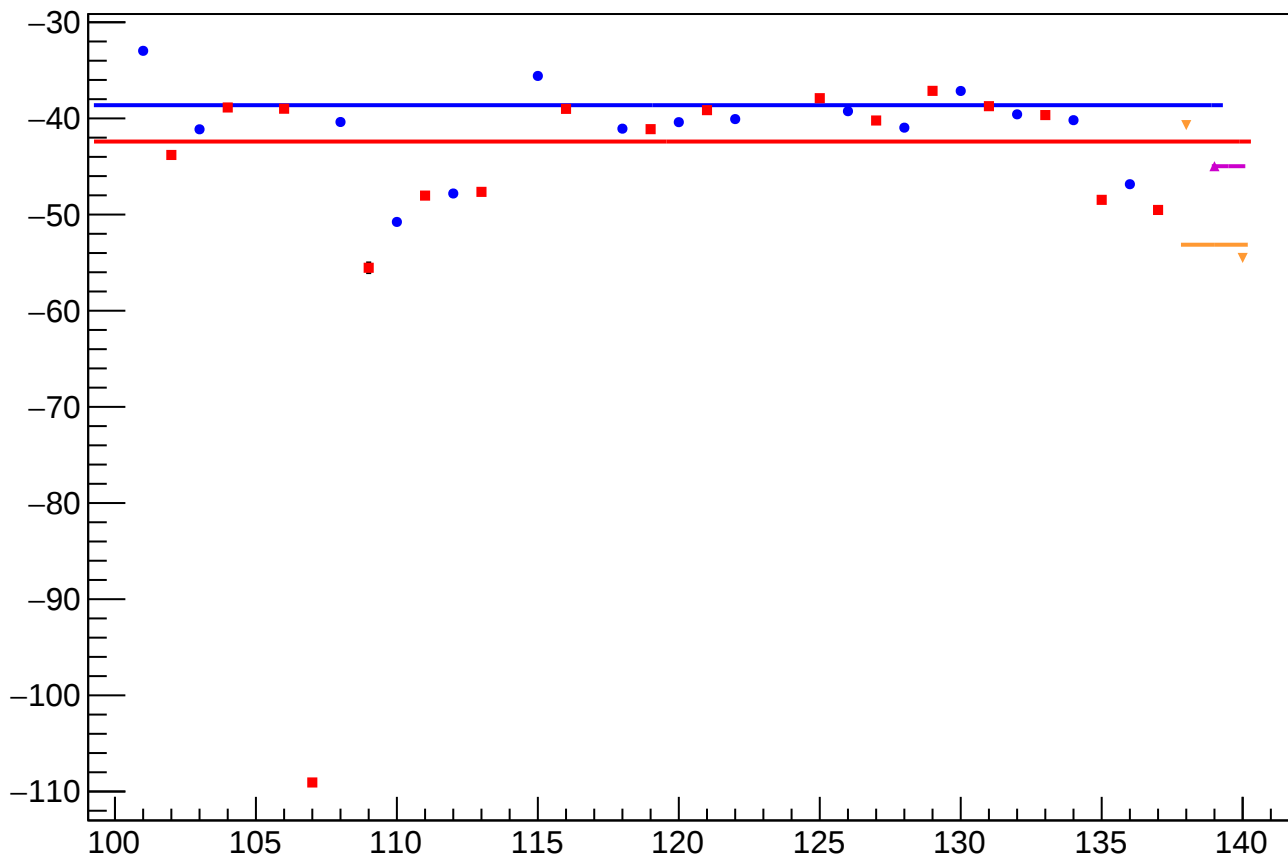
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 45.201 $\pm$ 0.060 χ^2 /NDF:87557.6/15

Out: 56.957 $\pm$ 0.105 χ^2 /NDF:84090.6/18

All: 48.096 $\pm$ 0.052 χ^2 /NDF: 181110.7/34

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -53.136 ± 0.077 $\chi^2/\text{NDF}: 2882.6/1$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -44.971 ± 0.112 $\chi^2/\text{NDF}: 0.0/0$

Left: -50.521 ± 0.064 $\chi^2/\text{NDF}: 6479.3/2$

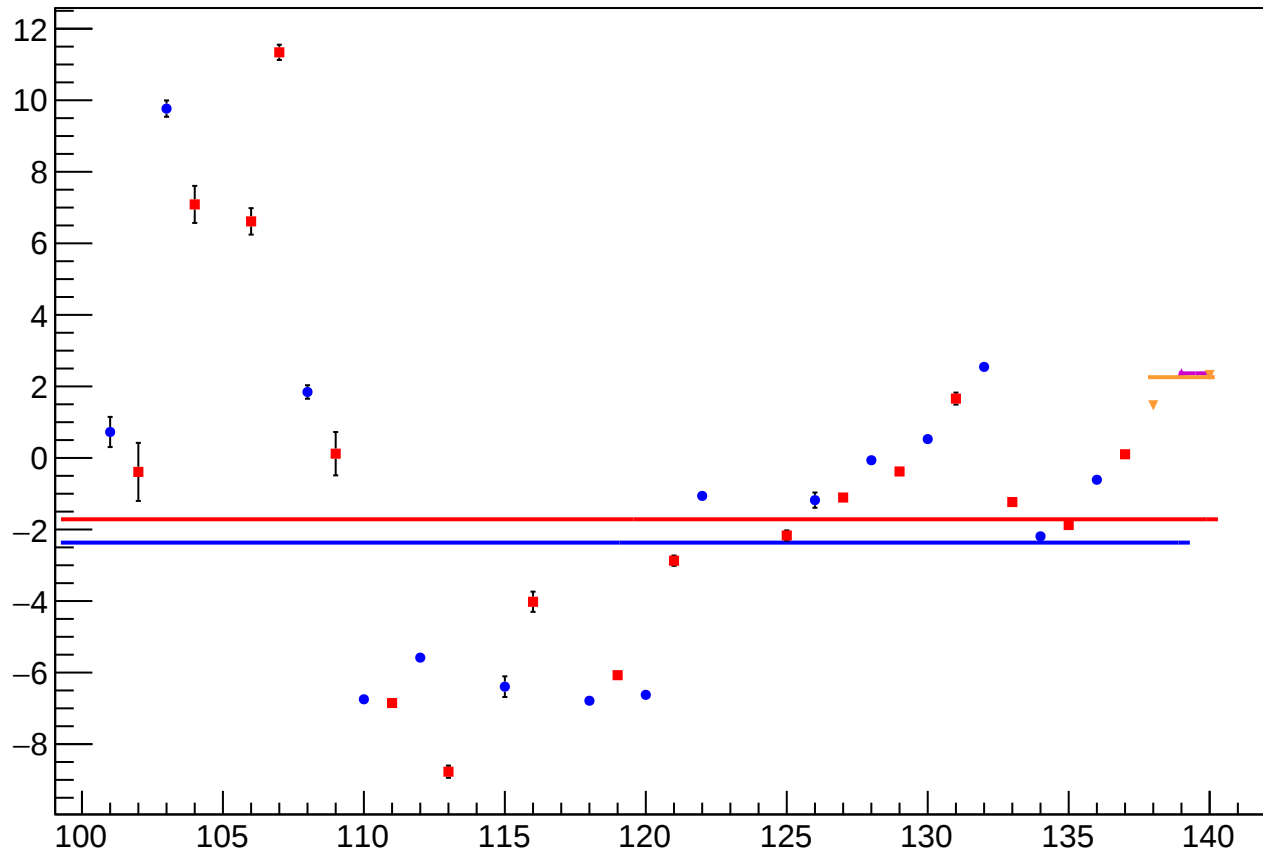
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -38.660 ± 0.008 $\chi^2/\text{NDF}: 243286.9/15$

Out: -43.167 ± 0.021 $\chi^2/\text{NDF}: 290038.5/18$

All: -39.286 ± 0.008 $\chi^2/\text{NDF}: 574877.8/34$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.258 ± 0.036 χ^2/NDF : 38.3/1

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.366 ± 0.046 χ^2/NDF : 0.0/0

Left: 2.298 ± 0.028 χ^2/NDF : 41.7/2

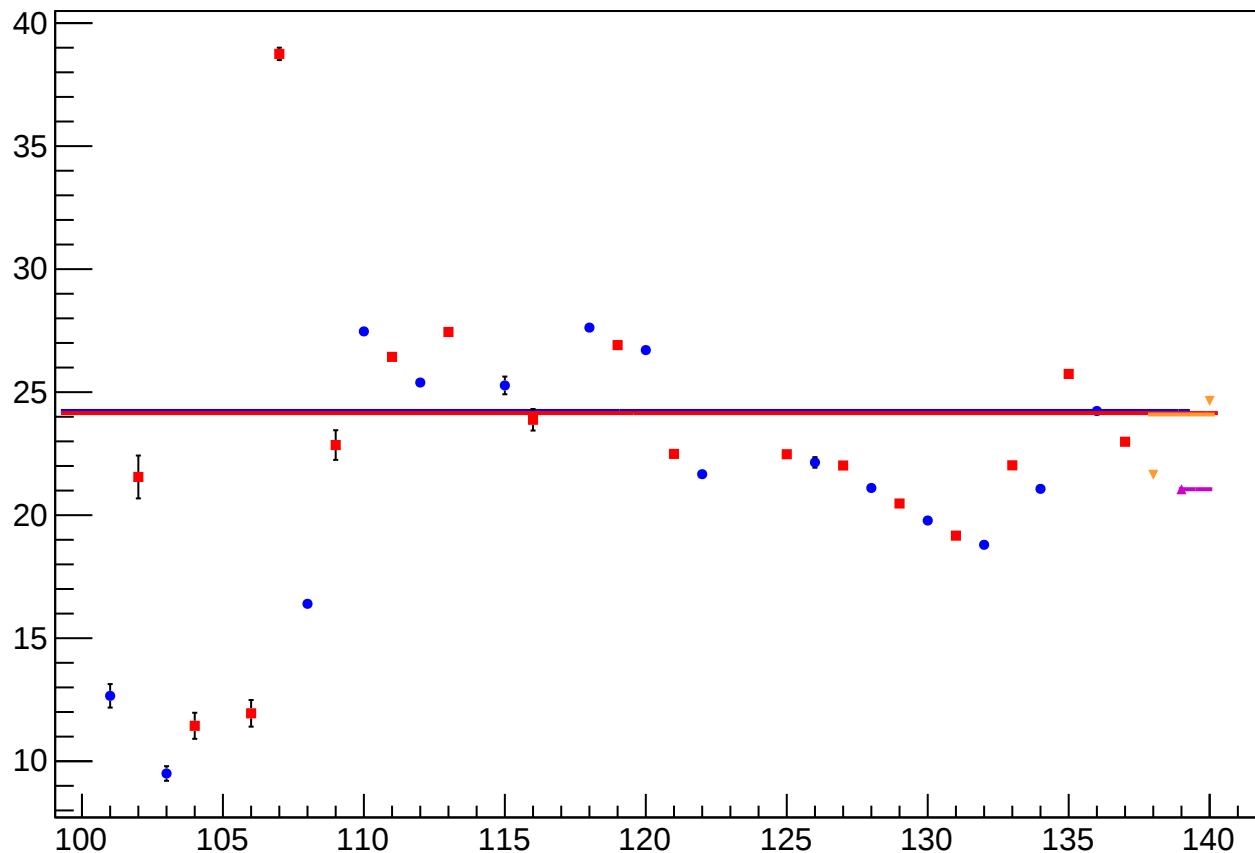
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -1.966 ± 0.013 χ^2/NDF : 38371.9/15

Out: -0.261 ± 0.021 χ^2/NDF : 20686.0/18

All: -1.485 ± 0.011 χ^2/NDF : 63579.1/34

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 24.093 $\pm$ 0.066 χ^2 /NDF:307.5/1

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 21.055 $\pm$ 0.076 χ^2 /NDF:0.0/0

Left: 22.772 $\pm$ 0.050 χ^2 /NDF: 1220.2/2

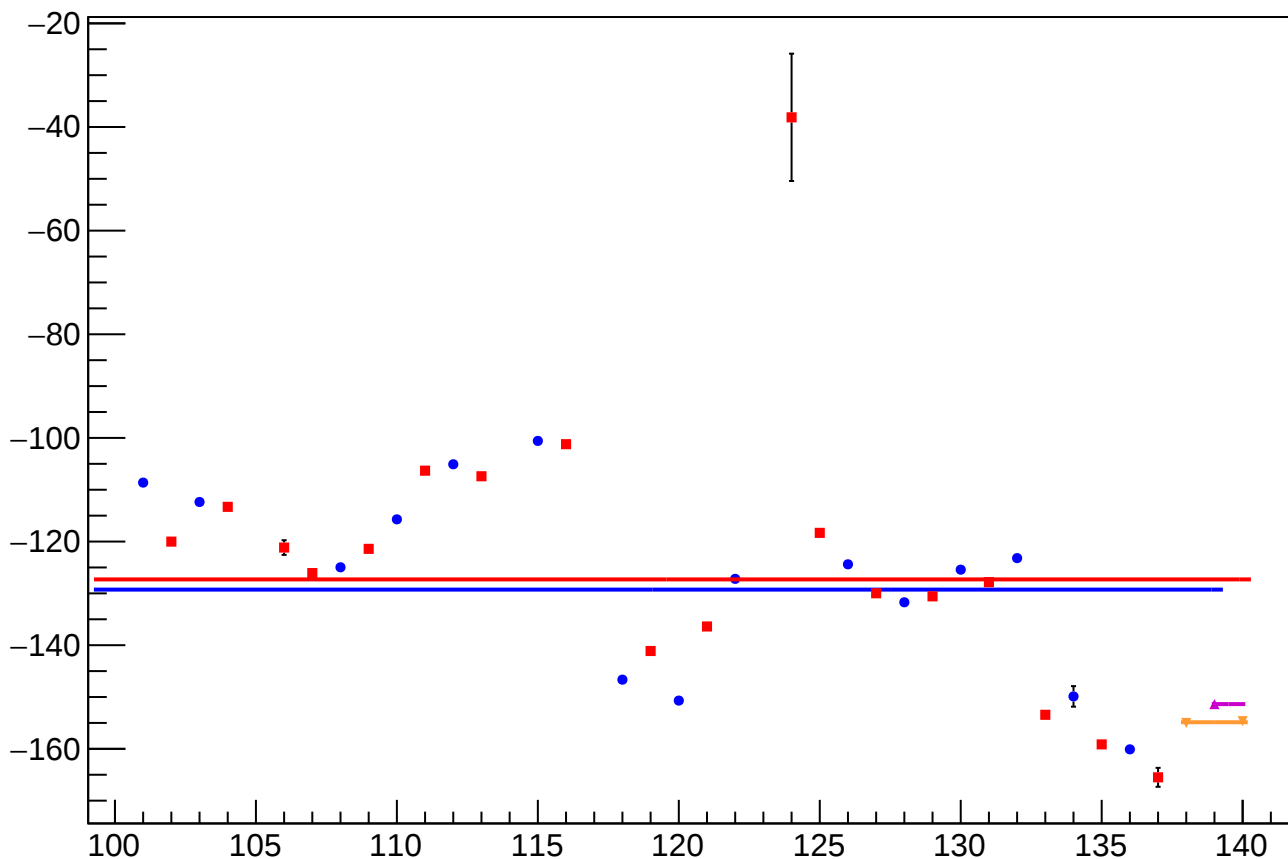
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 23.986 $\pm$ 0.021 χ^2 /NDF:23528.0/15

Out: 24.143 $\pm$ 0.023 χ^2 /NDF:13530.7/18

All: 24.059 $\pm$ 0.016 χ^2 /NDF: 37084.2/34

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -154.866 ± 0.185 χ^2/NDF : 0.8/1

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -151.366 ± 0.256 χ^2/NDF : 0.0/0

Left: -153.666 ± 0.150 χ^2/NDF : 123.8/2

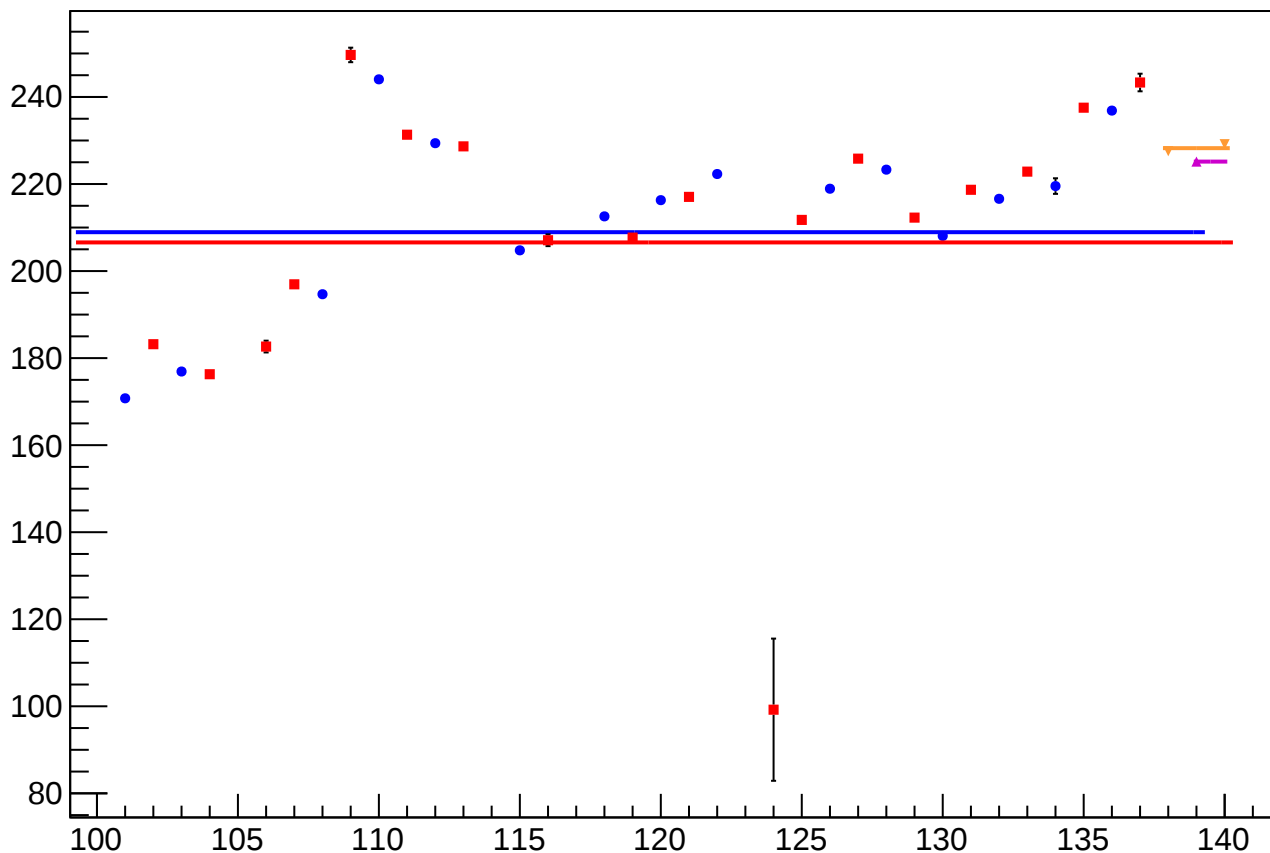
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -131.600 ± 0.083 χ^2/NDF : 41784.0/15

Out: -132.053 ± 0.077 χ^2/NDF : 48013.4/19

All: -131.844 ± 0.056 χ^2/NDF : 89813.5/35

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 228.240 $\pm$ 0.190 χ^2 /NDF:18.1/1

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 225.153 $\pm$ 0.225 χ^2 /NDF:0.0/0

Left: 226.960 $\pm$ 0.145 χ^2 /NDF: 128.1/2

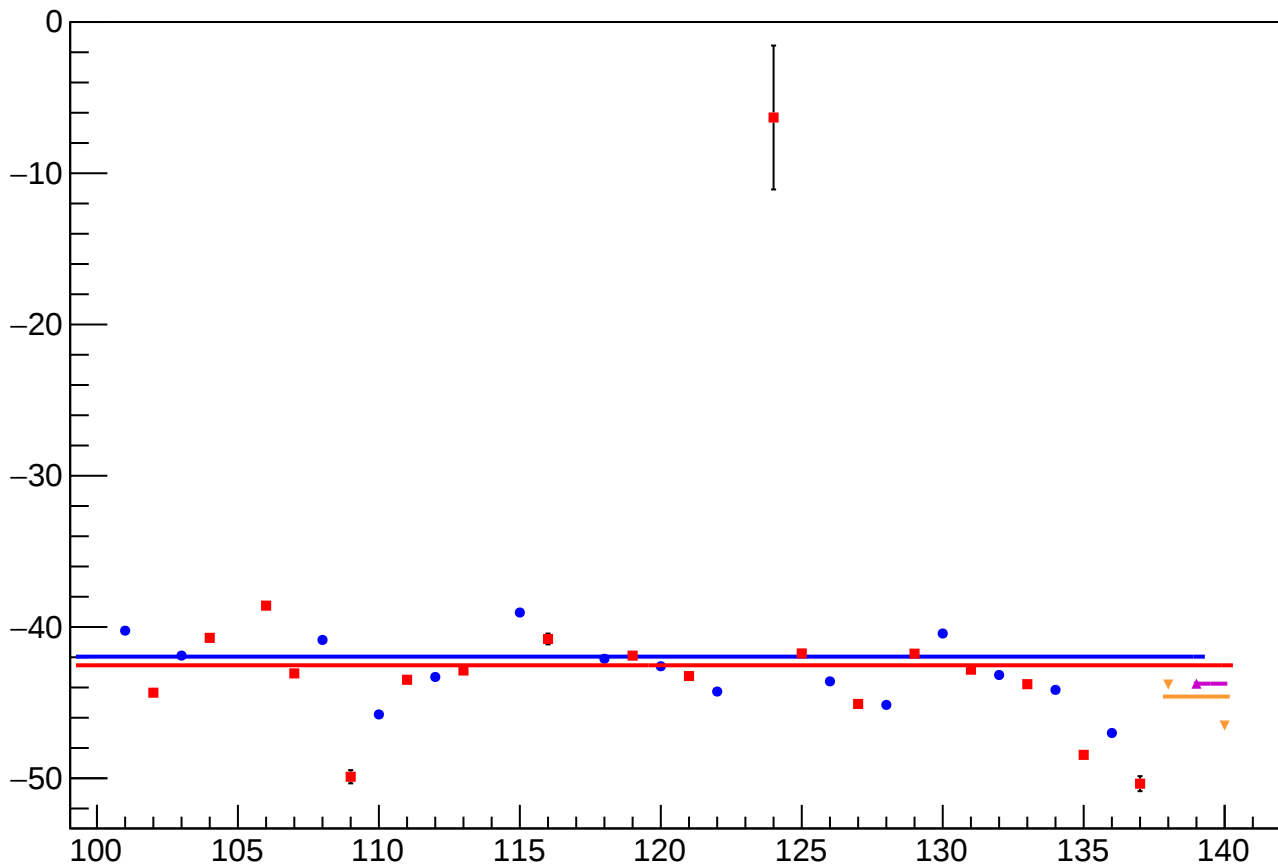
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 211.134 $\pm$ 0.083 χ^2 /NDF:49168.8/15

Out: 210.080 $\pm$ 0.076 χ^2 /NDF:59179.7/19

All: 210.562 $\pm$ 0.056 χ^2 /NDF: 108436.1/35

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -44.600 ± 0.030 $\chi^2/\text{NDF}: 1697.7/1$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -43.747 ± 0.027 $\chi^2/\text{NDF}: 0.0/0$

Left: -44.130 ± 0.020 $\chi^2/\text{NDF}: 2145.0/2$

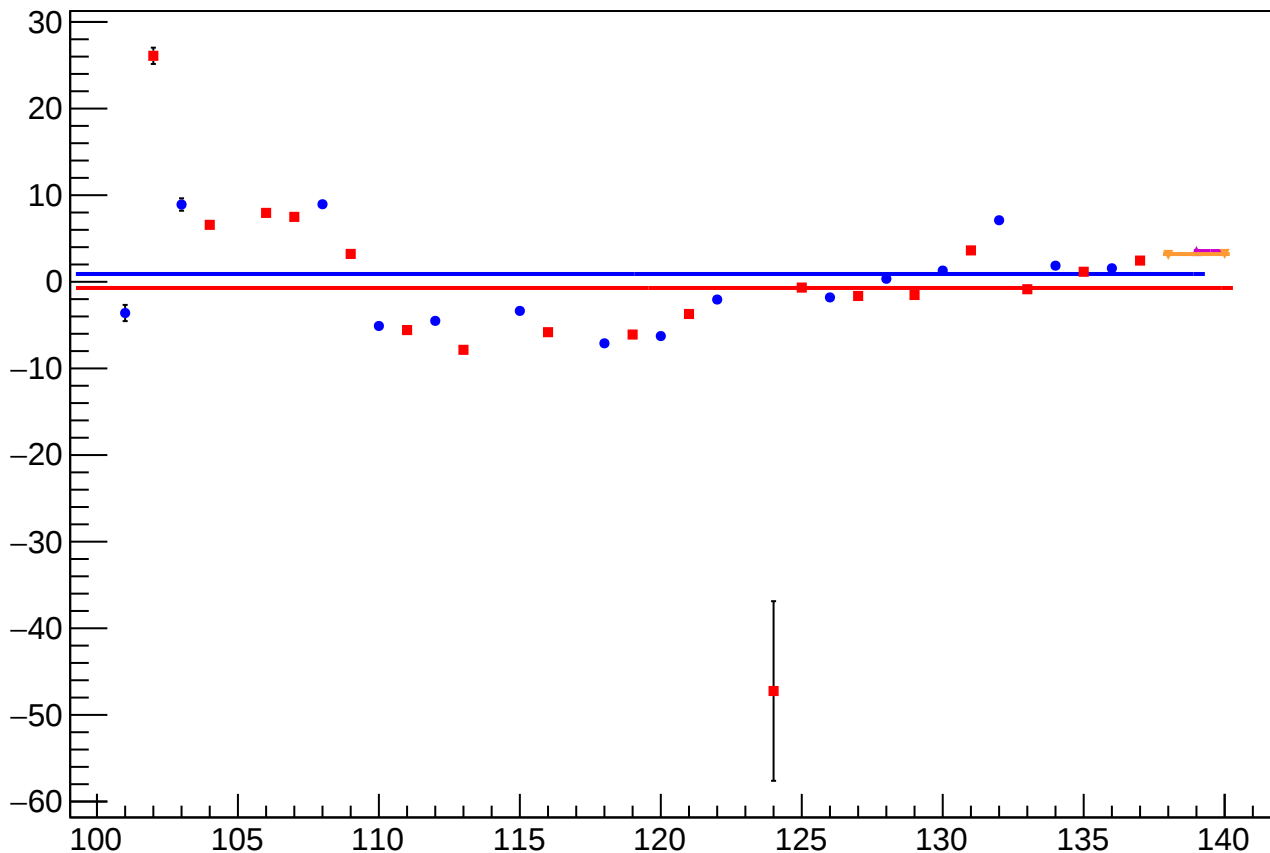
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -42.406 ± 0.014 $\chi^2/\text{NDF}: 27507.8/15$

Out: -43.198 ± 0.017 $\chi^2/\text{NDF}: 11064.4/19$

All: -42.713 ± 0.011 $\chi^2/\text{NDF}: 39900.7/35$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 3.205 ± 0.029 χ^2/NDF : 1.3/1

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.553 ± 0.056 χ^2/NDF : 0.0/0

Left: 3.277 ± 0.025 χ^2/NDF : 32.2/2

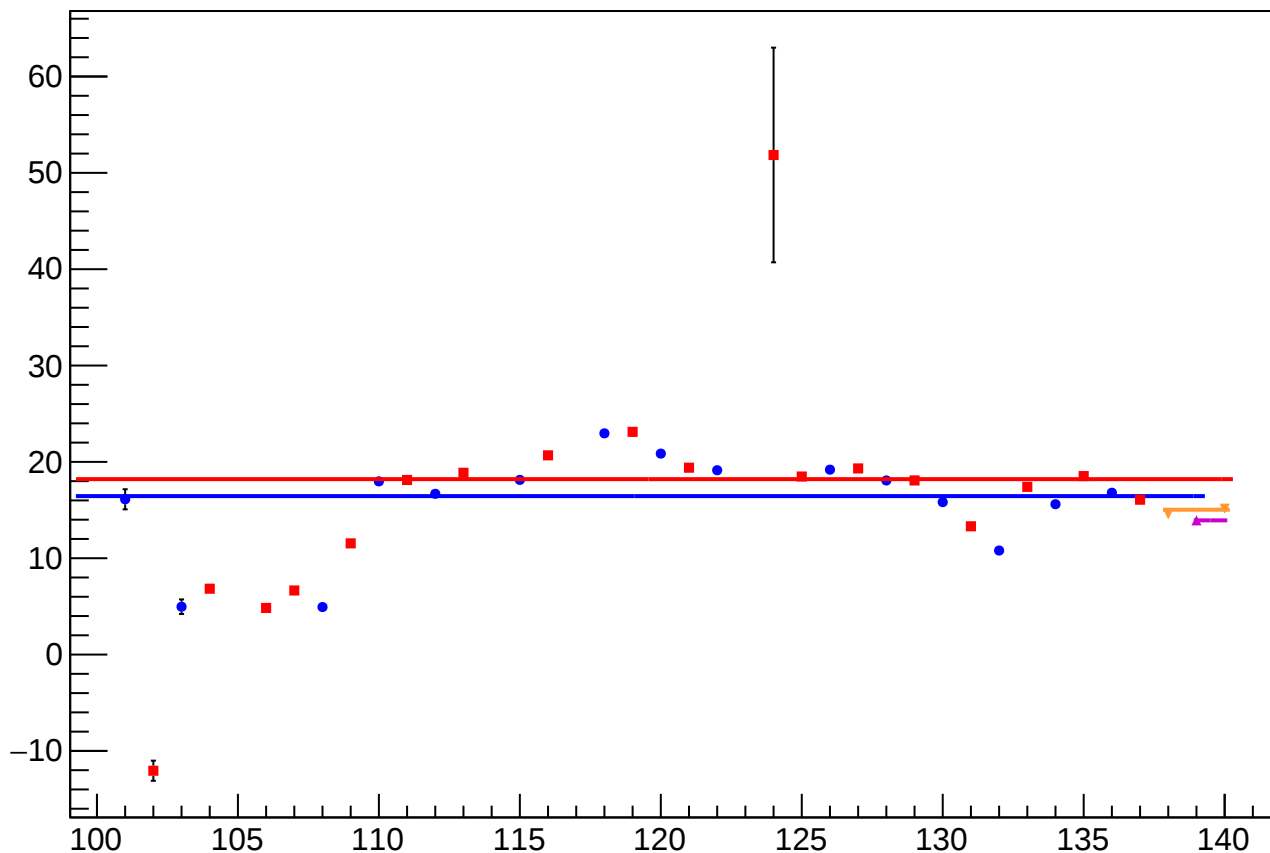
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 1.206 ± 0.019 χ^2/NDF : 23139.2/15

Out: 0.932 ± 0.019 χ^2/NDF : 41618.6/19

All: 1.066 ± 0.013 χ^2/NDF : 64865.9/35

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 15.036 ± 0.041 $\chi^2/\text{NDF}: 29.0/1$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 13.930 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

Left: 14.565 ± 0.031 $\chi^2/\text{NDF}: 333.9/2$

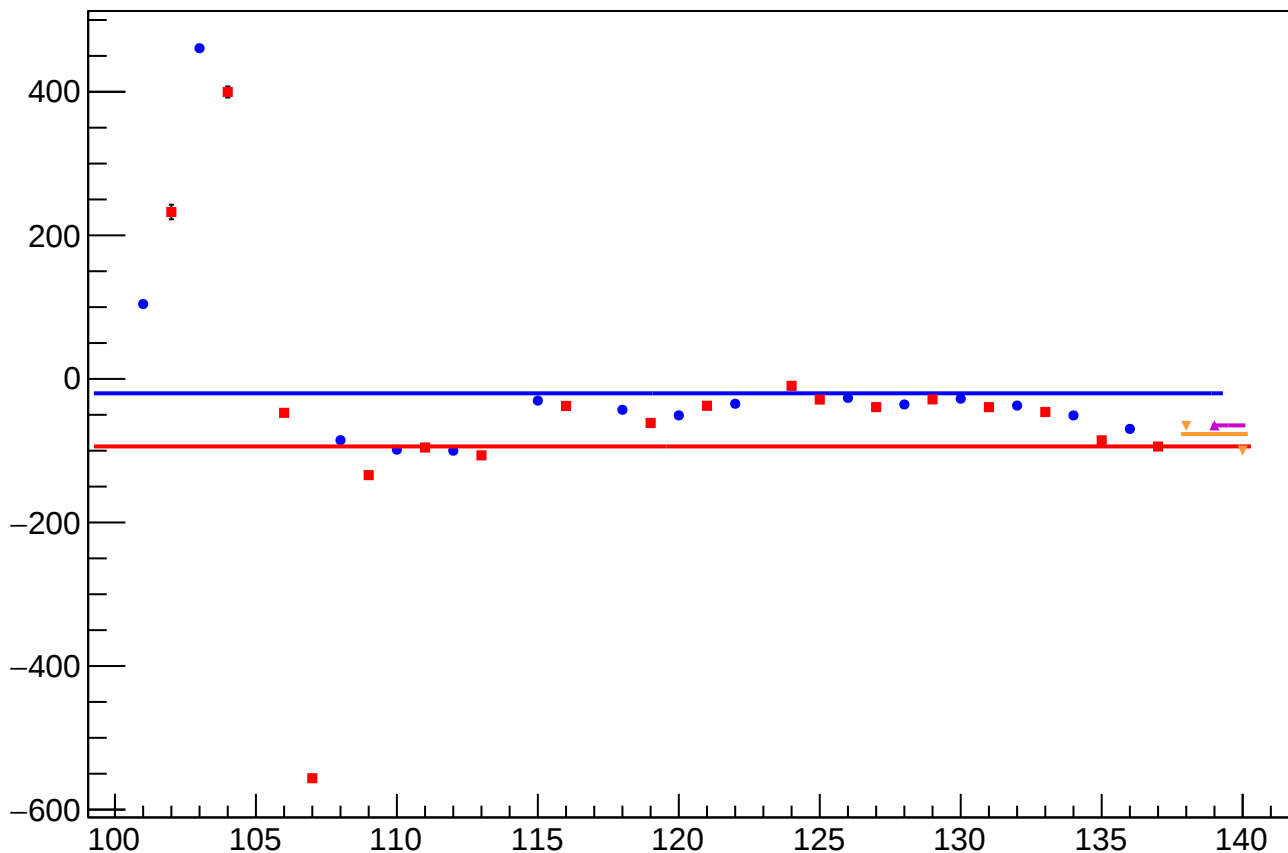
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 15.930 ± 0.022 $\chi^2/\text{NDF}: 16371.0/15$

Out: 17.584 ± 0.018 $\chi^2/\text{NDF}: 32258.0/19$

All: 16.897 ± 0.014 $\chi^2/\text{NDF}: 52012.3/35$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -76.816 ± 0.313 $\chi^2/\text{NDF}: 2656.2/1$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -64.739 ± 0.684 $\chi^2/\text{NDF}: 0.0/0$

Left: -74.724 ± 0.285 $\chi^2/\text{NDF}: 2913.7/2$

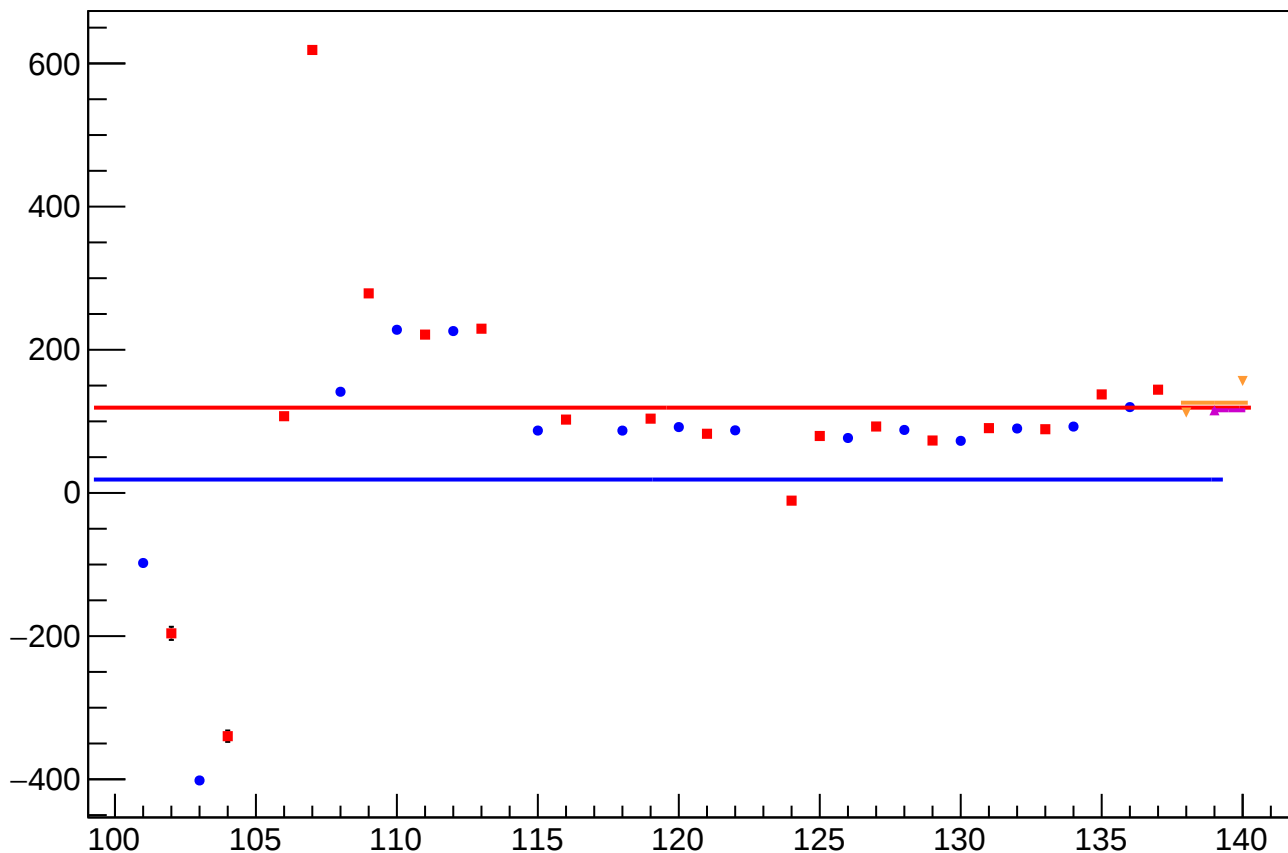
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -22.189 ± 0.149 $\chi^2/\text{NDF}: 445521.2/15$

Out: -94.023 ± 0.012 $\chi^2/\text{NDF}: 93165.5/19$

All: -93.530 ± 0.012 $\chi^2/\text{NDF}: 768125.3/35$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 126.085+/-0.318 χ^2/NDF : 4141.4/1

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 115.470+/-0.697 χ^2/NDF : 0.0/0

Left: 124.258+/-0.289 χ^2/NDF : 4333.6/2

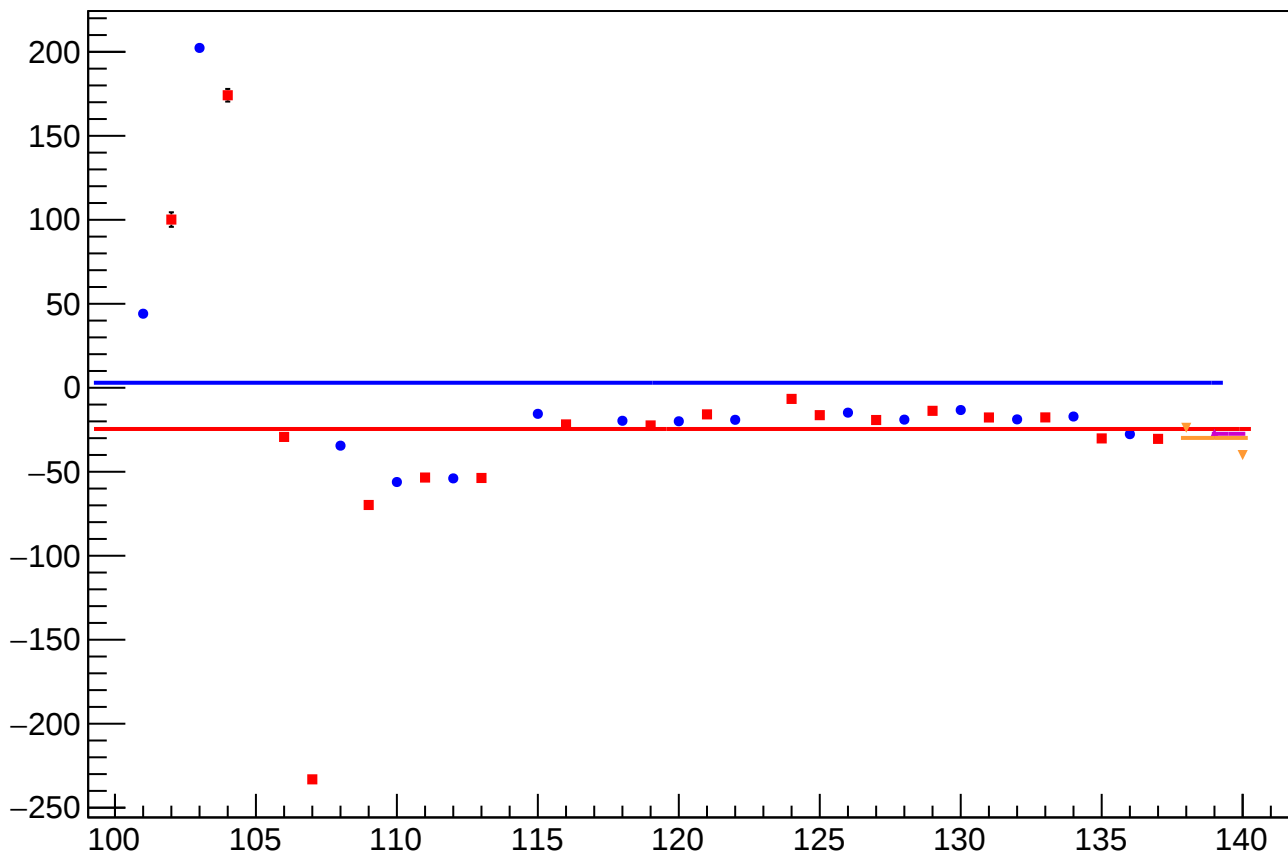
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 23.131+/-0.149 χ^2/NDF : 1120208.5/15

Out: 121.121+/-0.169 χ^2/NDF : 91931.7/19

All: 65.908+/-0.112 χ^2/NDF : 1402018.9/35

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -29.855+/-0.075 χ^2/NDF :10979.5/1

Right Out: -24.533+/-0.044 χ^2/NDF : 176488.8/17

Left In: -27.401+/-0.144 χ^2/NDF :0.0/0

Left: -29.335+/-0.066 χ^2/NDF : 11207.2/2

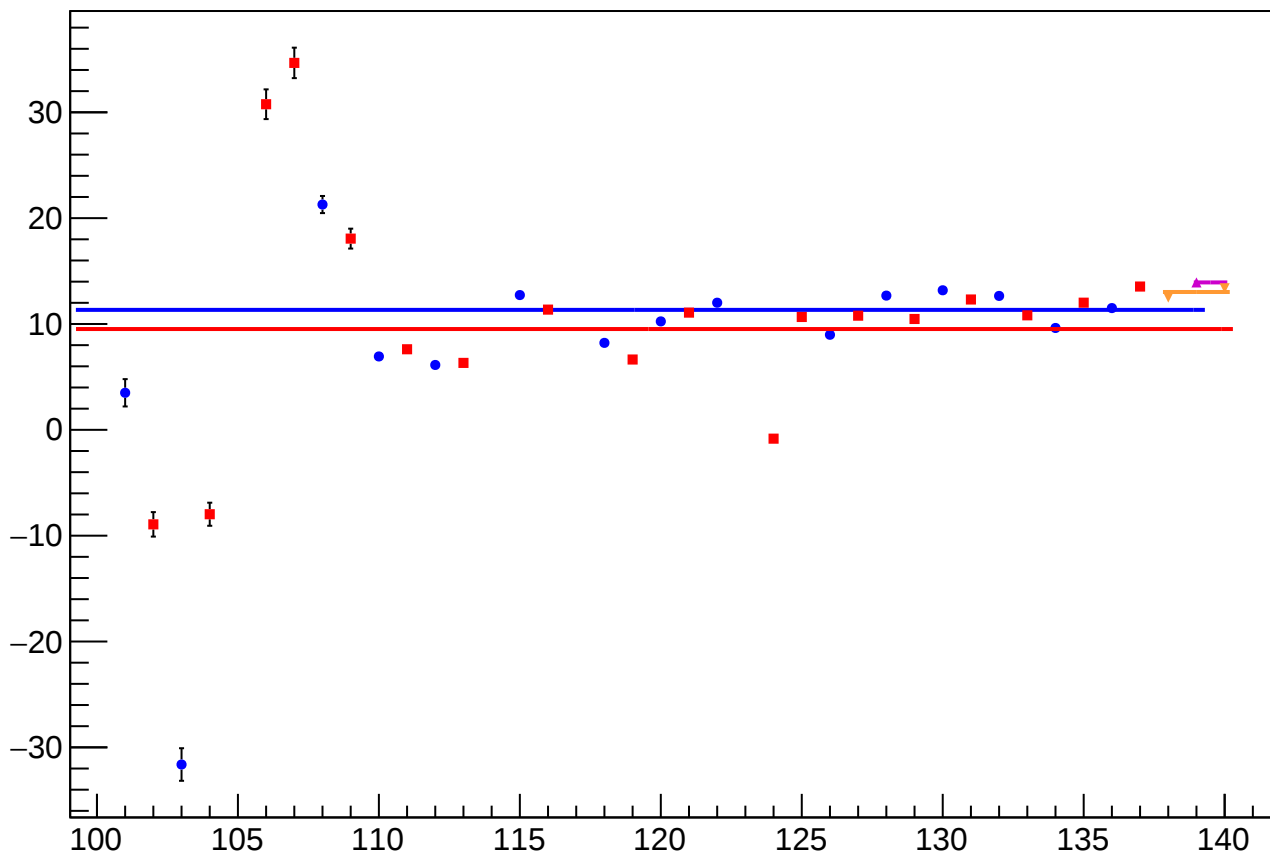
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: 1.972+/-0.026 χ^2/NDF :3539572.8/15

Out: -25.882+/-0.038 χ^2/NDF :191243.0/19

All: -7.210+/-0.022 χ^2/NDF : 4096927.4/35

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 13.024+/-0.053 χ^2/NDF : 66.6/1

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.928+/-0.078 χ^2/NDF : 0.0/0

Left: 13.306+/-0.044 χ^2/NDF : 158.6/2

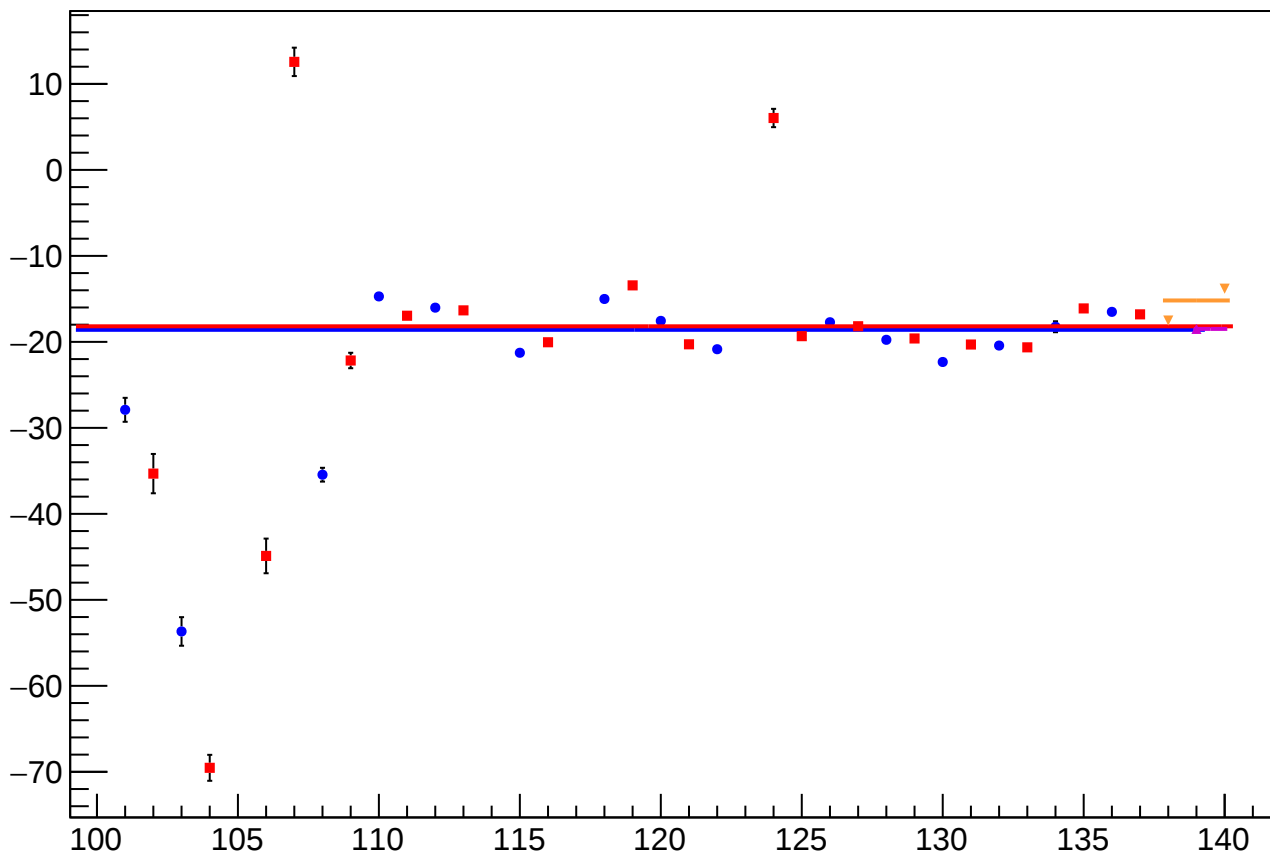
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 11.816+/-0.034 χ^2/NDF : 3301.9/15

Out: 11.113+/-0.035 χ^2/NDF : 6545.8/19

All: 11.483+/-0.024 χ^2/NDF : 10054.3/35

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -15.184 ± 0.073 $\chi^2/\text{NDF}: 600.8/1$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -18.490 ± 0.105 $\chi^2/\text{NDF}: 0.0/0$

Left: -16.266 ± 0.060 $\chi^2/\text{NDF}: 1272.3/2$

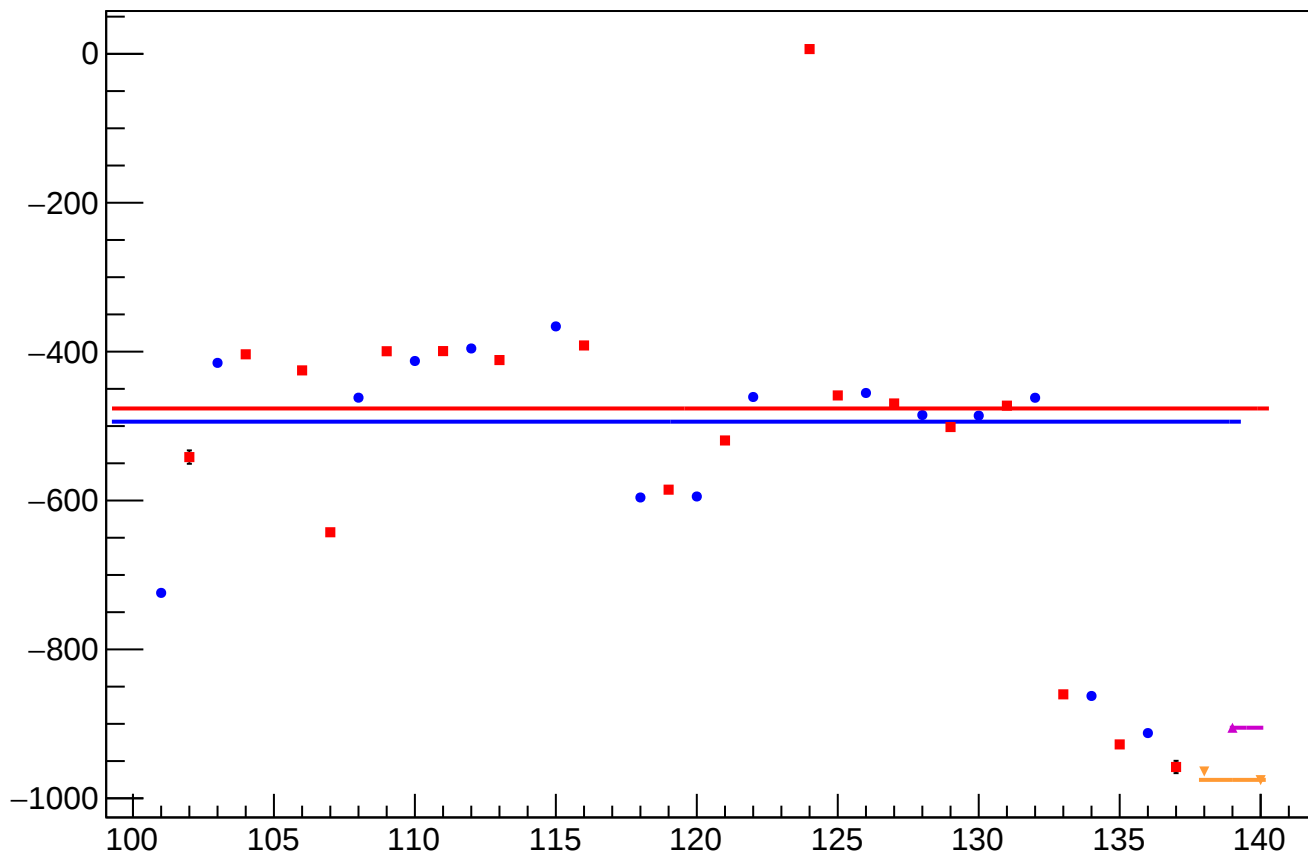
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.585 ± 0.035 $\chi^2/\text{NDF}: 6190.0/15$

Out: -17.244 ± 0.041 $\chi^2/\text{NDF}: 6643.8/19$

All: -18.018 ± 0.027 $\chi^2/\text{NDF}: 13453.4/35$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081+/-0.232 χ^2/NDF : 325996.5/14

Left Out: -975.267+/-0.870 χ^2/NDF : 5.2/1

Right Out: -476.348+/-0.185 χ^2/NDF : 594116.3/17

Left In: -905.208+/-1.044 χ^2/NDF : 0.0/0

Left: -946.535+/-0.668 χ^2/NDF : 2662.9/2

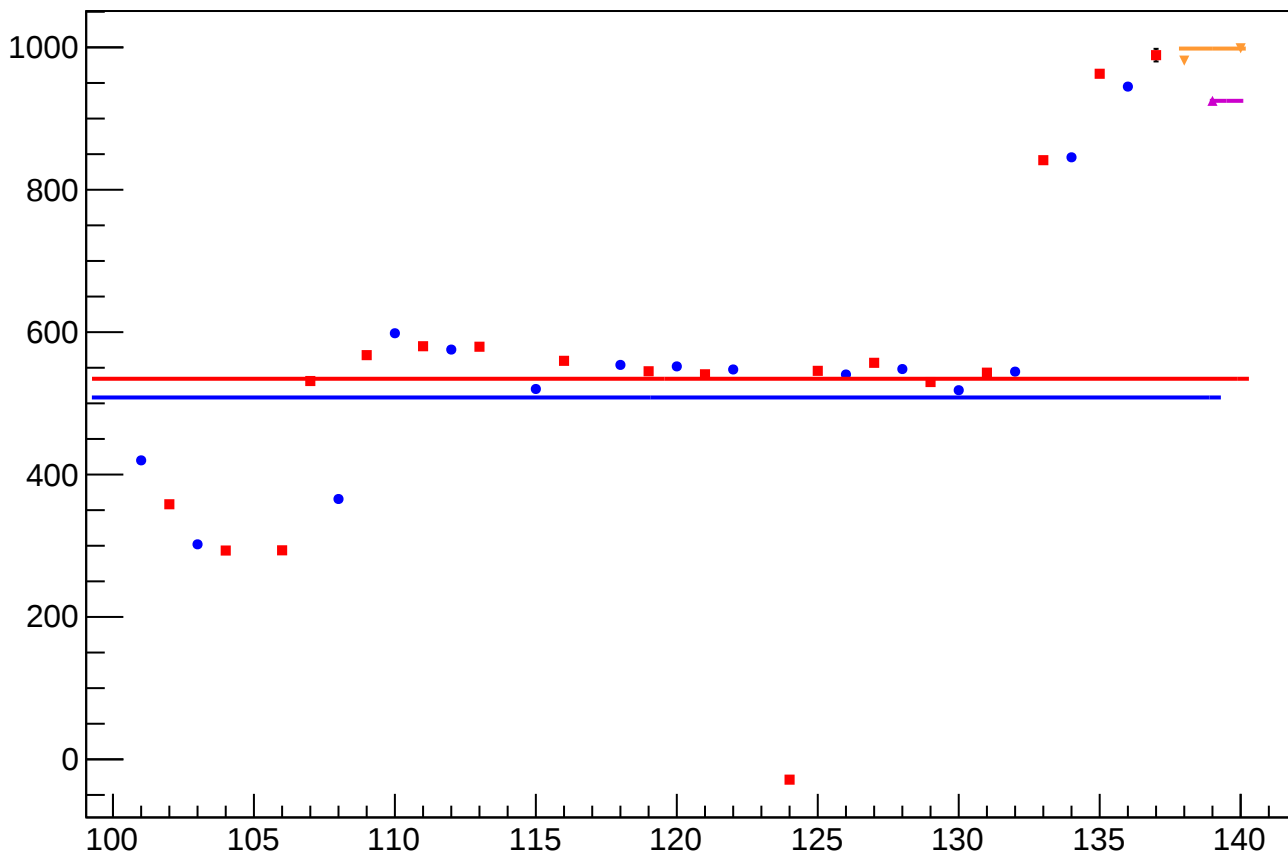
Right: -483.243+/-0.145 χ^2/NDF : 923680.3/32

In: -513.452+/-0.227 χ^2/NDF : 473836.8/15

Out: -497.947+/-0.181 χ^2/NDF : 908550.4/19

All: -503.991+/-0.141 χ^2/NDF : 1385245.1/35

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 998.316+/-0.847 χ^2/NDF : 9.5/1

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 924.913+/-0.965 χ^2/NDF : 0.0/0

Left: 966.381+/-0.637 χ^2/NDF : 3277.2/2

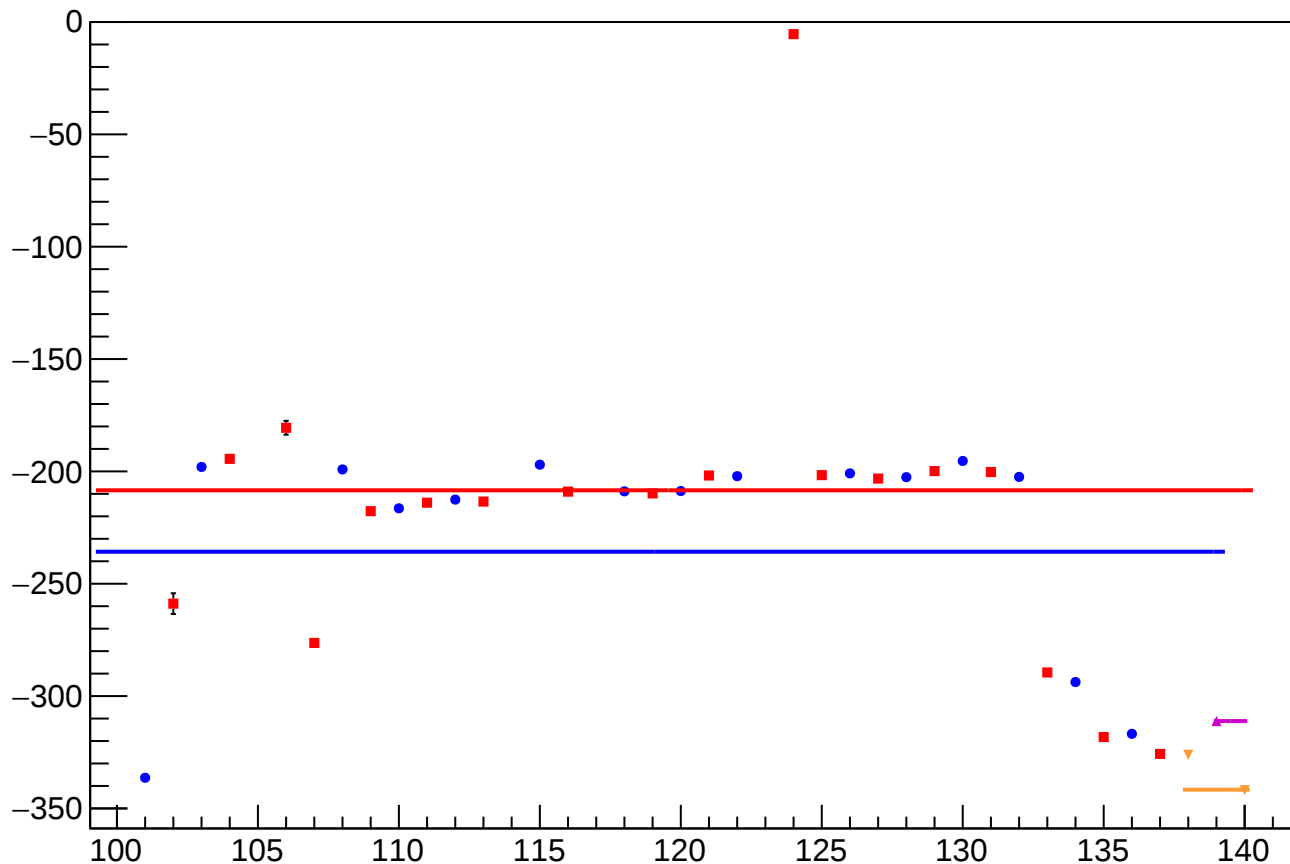
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 529.145+/-0.216 χ^2/NDF : 616515.5/15

Out: 563.147+/-0.210 χ^2/NDF : 649610.4/19

All: 546.599+/-0.151 χ^2/NDF : 1278840.8/35

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -341.657+/-0.196 χ^2/NDF :81.7/1

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -311.125+/-0.198 χ^2/NDF :0.0/0

Left: -326.520+/-0.140 χ^2/NDF : 12051.2/2

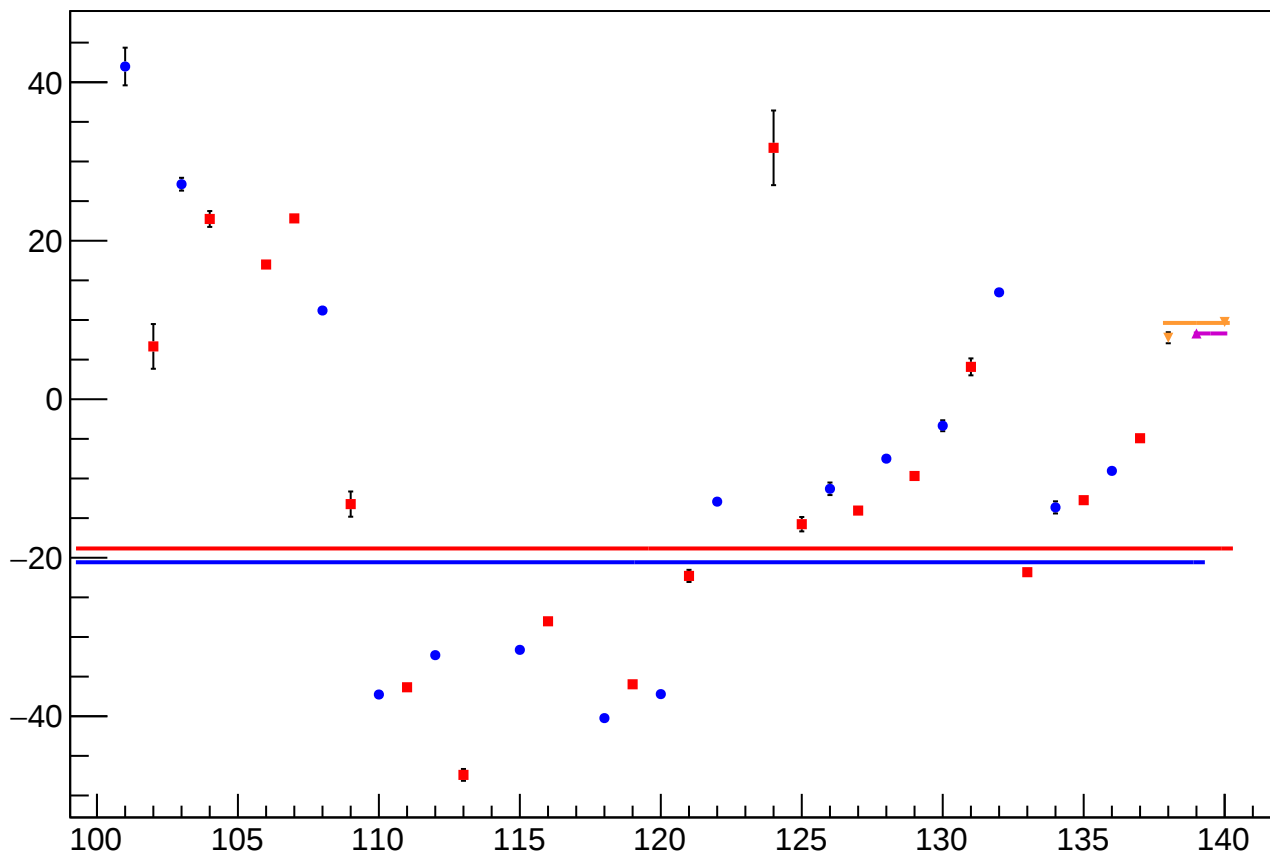
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -241.180+/-0.053 χ^2/NDF :1010479.9/15

Out: -215.549+/-0.045 χ^2/NDF :810279.4/19

All: -226.372+/-0.035 χ^2/NDF : 1954889.0/35

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.630 ± 0.172 χ^2/NDF : 7.7/1

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.300 ± 0.208 χ^2/NDF : 0.0/0

Left: 9.090 ± 0.132 χ^2/NDF : 32.1/2

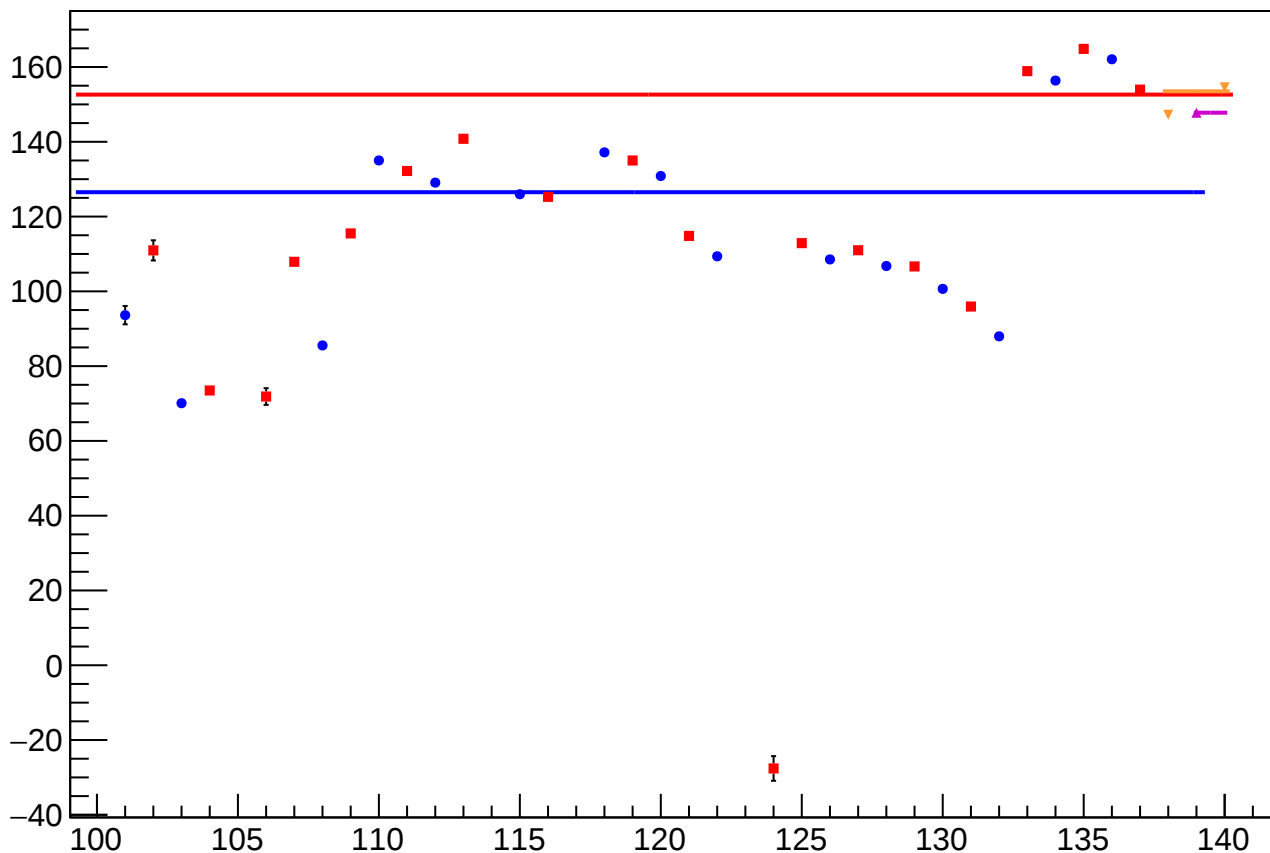
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -17.520 ± 0.067 χ^2/NDF : 80700.8/15

Out: -10.759 ± 0.091 χ^2/NDF : 40556.0/19

All: -15.136 ± 0.054 χ^2/NDF : 124798.3/35

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 153.499 $\pm$ 0.220 χ^2 /NDF:137.9/1

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 147.781 $\pm$ 0.235 χ^2 /NDF:0.0/0

Left: 150.822 $\pm$ 0.161 χ^2 /NDF: 454.0/2

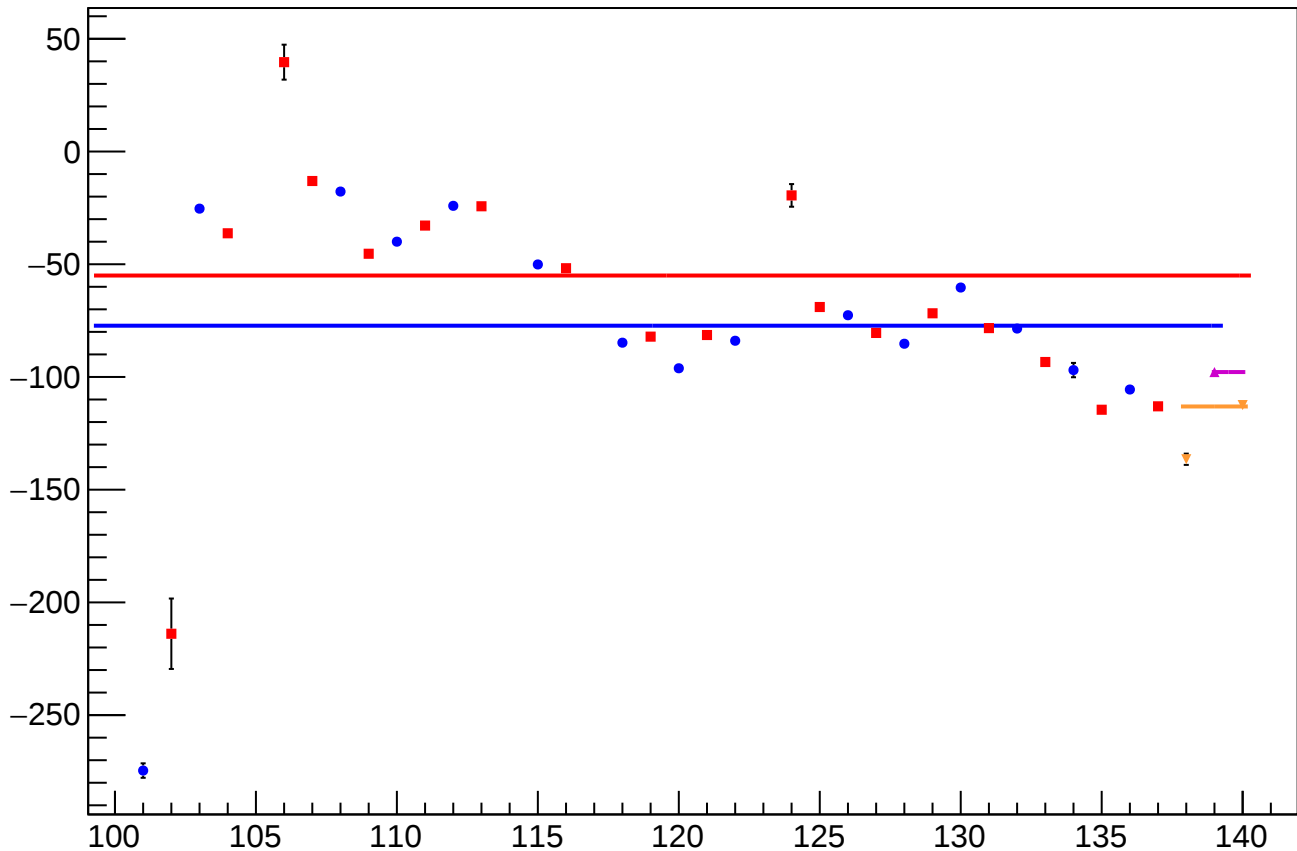
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 128.934 $\pm$ 0.079 χ^2 /NDF:122249.6/15

Out: 152.636 $\pm$ 0.030 χ^2 /NDF:74176.6/19

All: 149.643 $\pm$ 0.028 χ^2 /NDF: 274914.6/35

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -113.090 ± 0.400 $\chi^2/\text{NDF}: 90.1/1$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -97.821 ± 0.742 $\chi^2/\text{NDF}: 0.0/0$

Left: -109.651 ± 0.352 $\chi^2/\text{NDF}: 418.3/2$

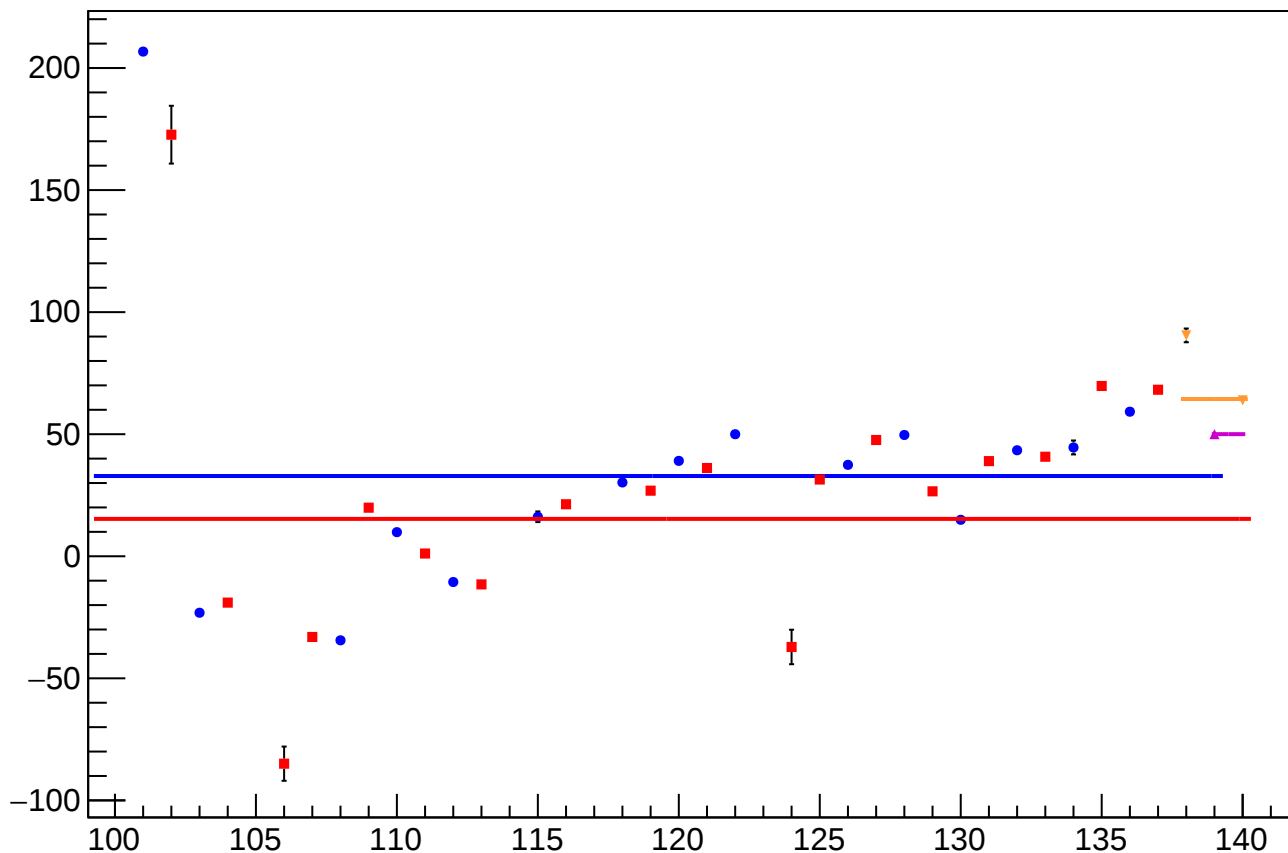
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -78.031 ± 0.144 $\chi^2/\text{NDF}: 31095.3/15$

Out: -65.719 ± 0.172 $\chi^2/\text{NDF}: 40910.6/19$

All: -72.965 ± 0.110 $\chi^2/\text{NDF}: 75027.5/35$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 64.412 $\pm$ 0.404 χ^2 /NDF:87.4/1

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 50.015 $\pm$ 0.674 χ^2 /NDF:0.0/0

Left: 60.600 $\pm$ 0.347 χ^2 /NDF: 423.1/2

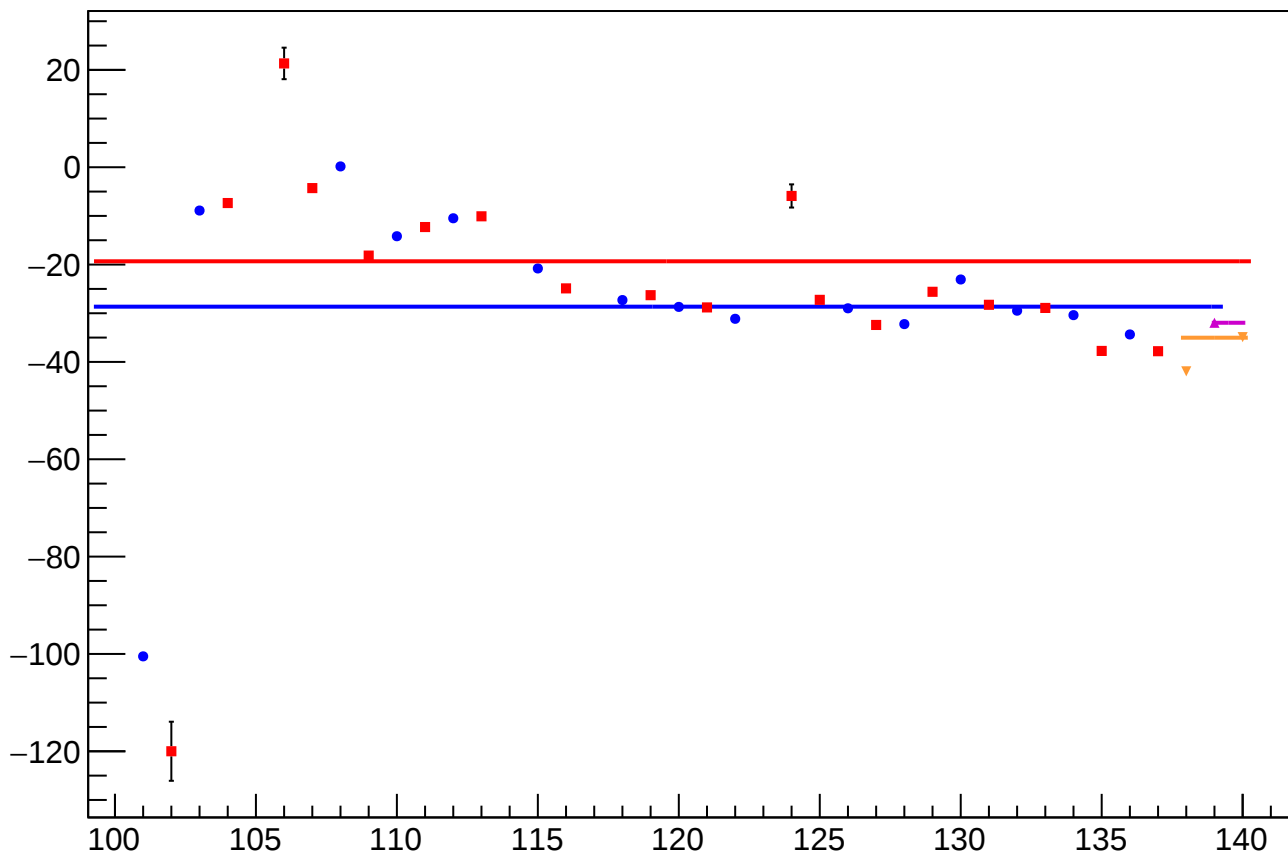
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 33.638 $\pm$ 0.143 χ^2 /NDF:32012.2/15

Out: 25.714 $\pm$ 0.186 χ^2 /NDF:28455.1/19

All: 30.704 $\pm$ 0.113 χ^2 /NDF: 61608.7/35

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -35.025 ± 0.113 $\chi^2/\text{NDF}: 63.1/1$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -31.956 ± 0.060 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.627 ± 0.053 $\chi^2/\text{NDF}: 639.2/2$

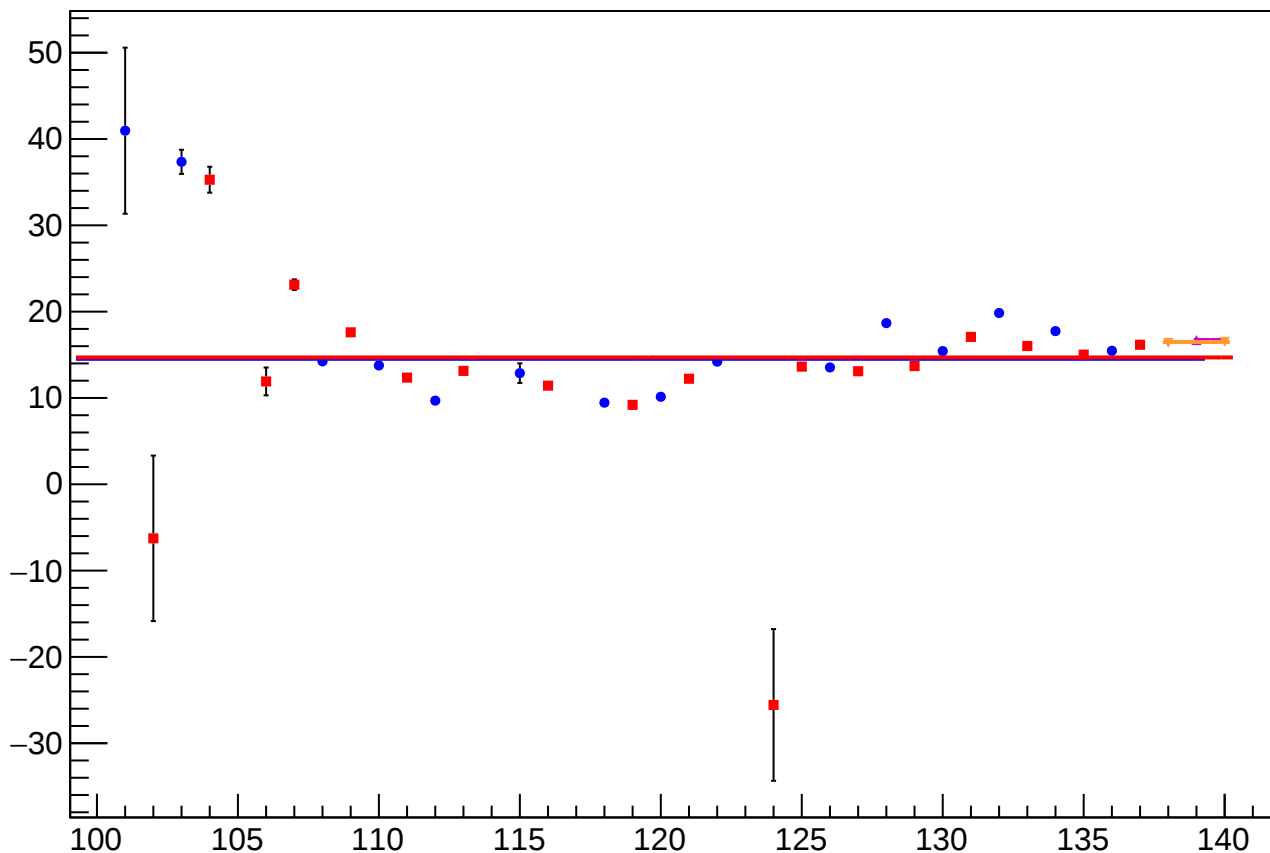
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -29.466 ± 0.030 $\chi^2/\text{NDF}: 115745.2/15$

Out: -21.023 ± 0.037 $\chi^2/\text{NDF}: 73856.1/19$

All: -26.171 ± 0.023 $\chi^2/\text{NDF}: 221070.6/35$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 16.488+/-0.048 χ^2/NDF : 0.3/1

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.714+/-0.085 χ^2/NDF : 0.0/0

Left: 16.544+/-0.042 χ^2/NDF : 5.7/2

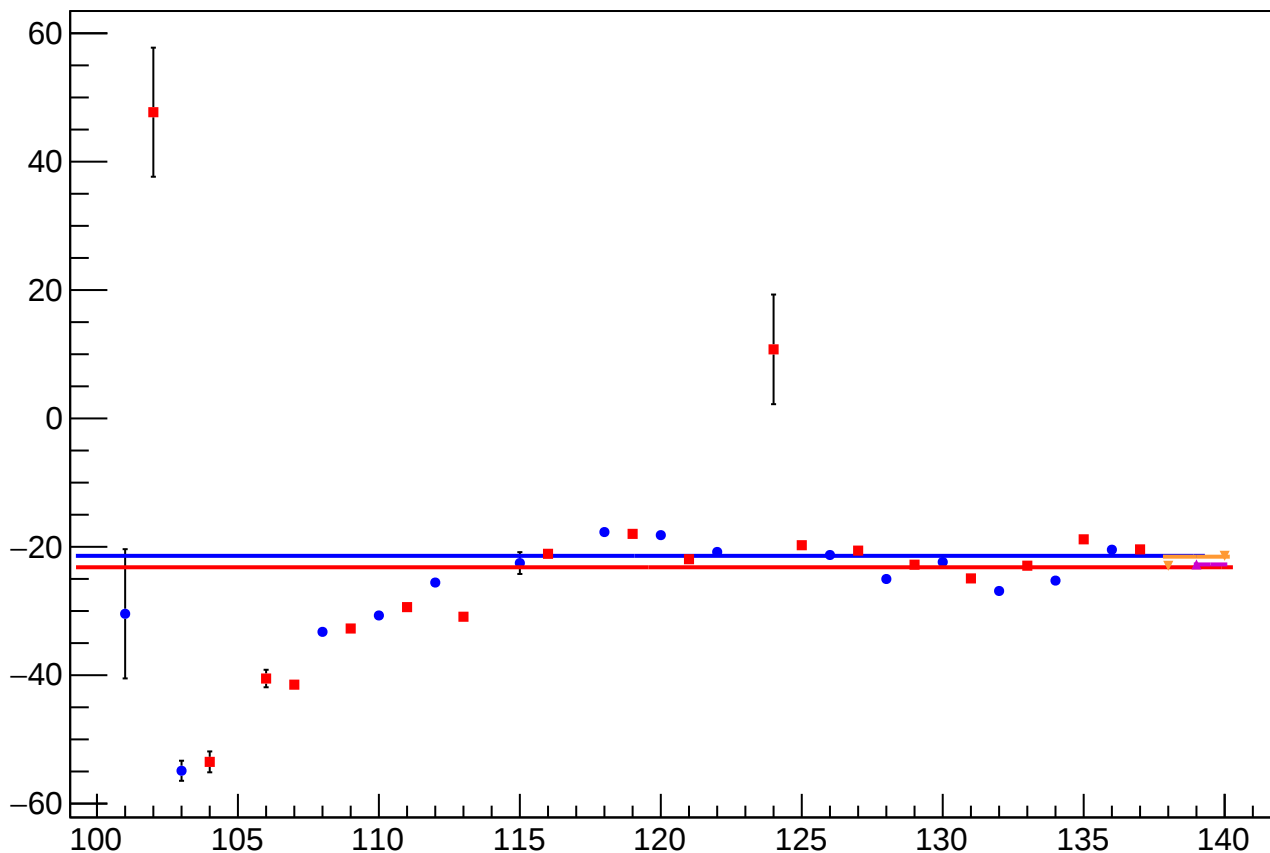
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.779+/-0.028 χ^2/NDF : 12659.2/15

Out: 15.500+/-0.032 χ^2/NDF : 2396.2/19

All: 15.090+/-0.021 χ^2/NDF : 15339.3/35

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.536 ± 0.072 $\chi^2/\text{NDF}: 37.0/1$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -22.744 ± 0.097 $\chi^2/\text{NDF}: 0.0/0$

Left: -21.962 ± 0.058 $\chi^2/\text{NDF}: 136.4/2$

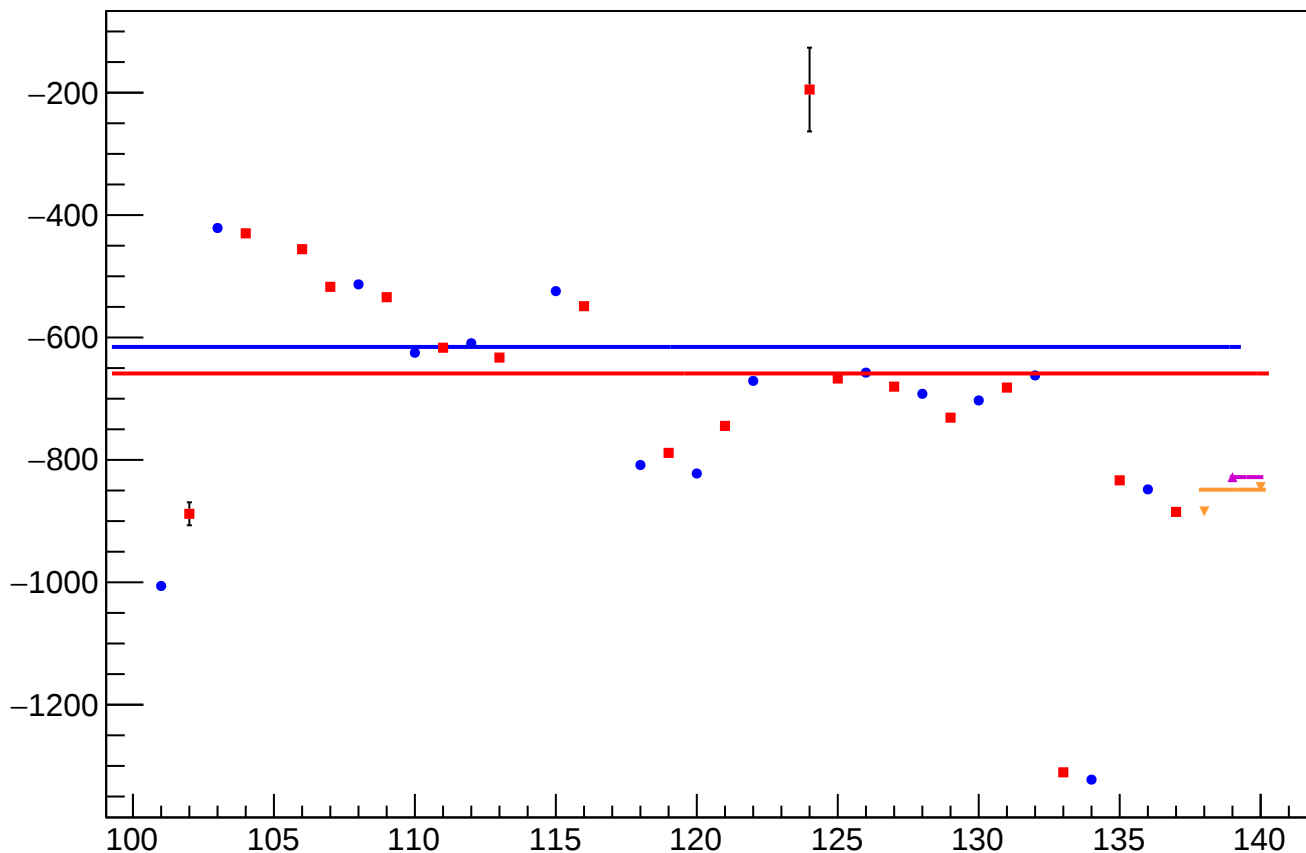
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.563 ± 0.033 $\chi^2/\text{NDF}: 9852.9/15$

Out: -22.632 ± 0.042 $\chi^2/\text{NDF}: 9513.4/19$

All: -21.982 ± 0.026 $\chi^2/\text{NDF}: 19767.0/35$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -848.661+/-1.092 χ^2/NDF : 125.1/1

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -828.121+/-0.947 χ^2/NDF : 0.0/0

Left: -836.943+/-0.715 χ^2/NDF : 327.1/2

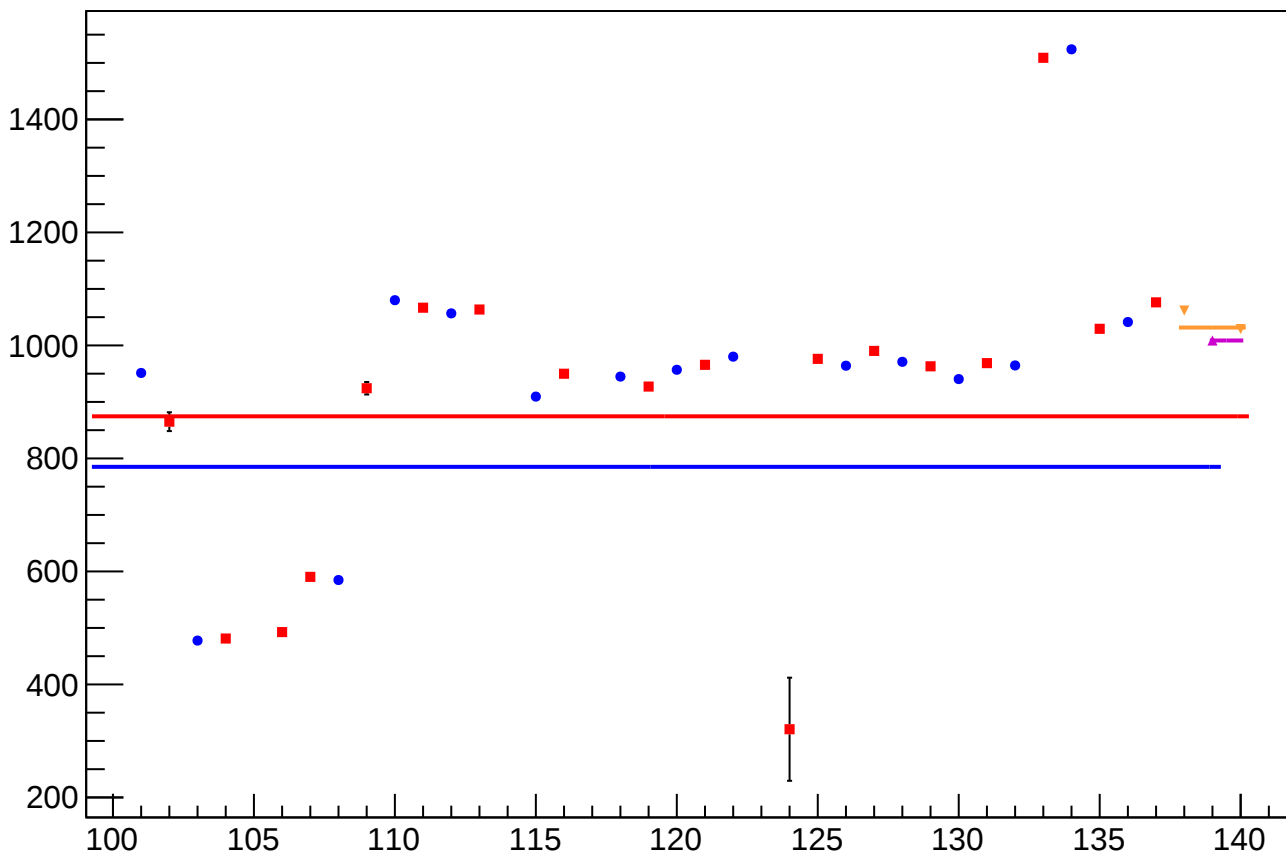
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -628.009+/-0.230 χ^2/NDF : 430252.4/15

Out: -668.705+/-0.250 χ^2/NDF : 414054.8/19

All: -646.744+/-0.169 χ^2/NDF : 858662.7/35

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1031.620+/-1.068 χ^2/NDF : 71.5/1

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1008.717+/-0.829 χ^2/NDF : 0.0/0

Left: 1017.323+/-0.655 χ^2/NDF : 358.6/2

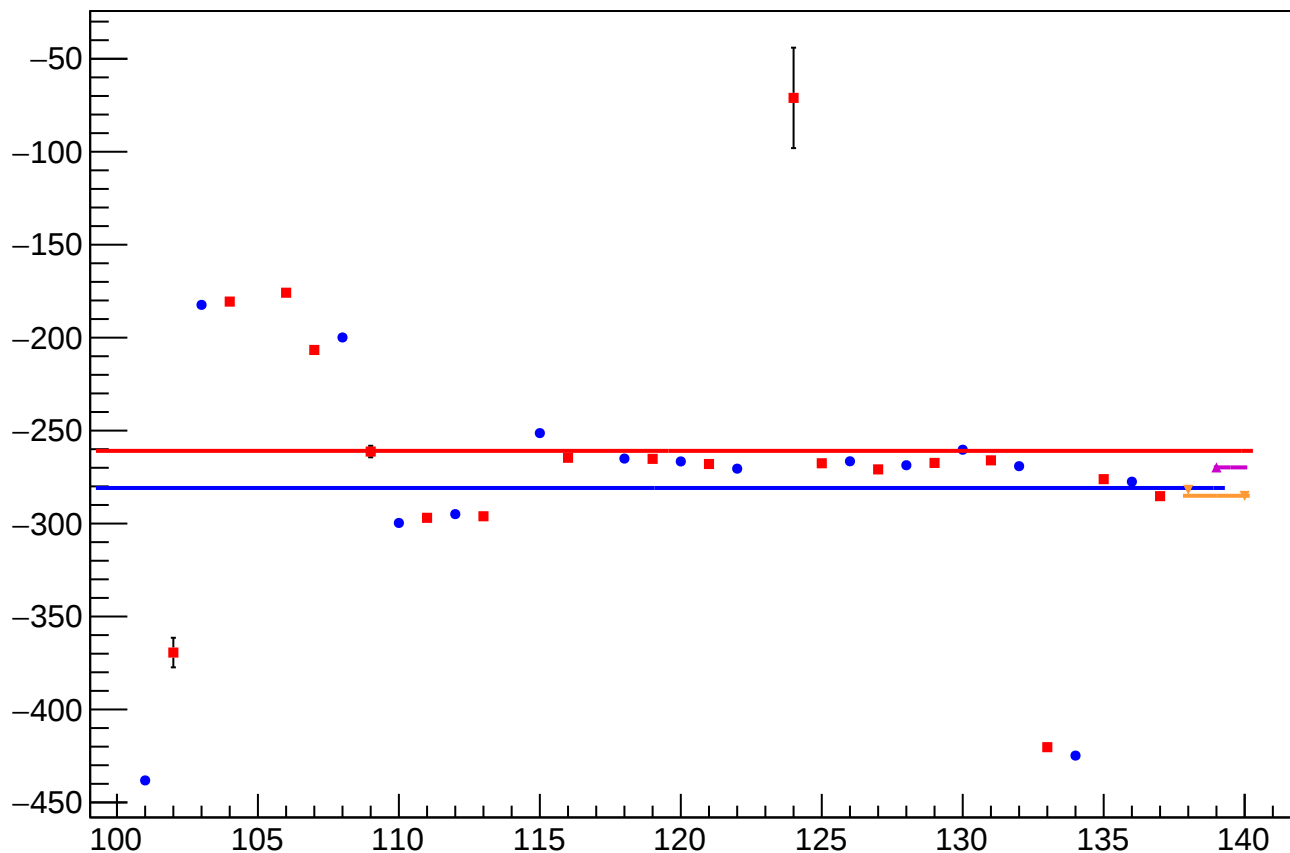
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 800.839+/-0.220 χ^2/NDF : 953848.0/15

Out: 883.385+/-0.254 χ^2/NDF : 863052.0/19

All: 836.231+/-0.166 χ^2/NDF : 1877337.3/35

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -285.055 ± 0.174 $\chi^2/\text{NDF}: 8.3/1$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -269.787 ± 0.088 $\chi^2/\text{NDF}: 0.0/0$

Left: -272.906 ± 0.078 $\chi^2/\text{NDF}: 6167.1/2$

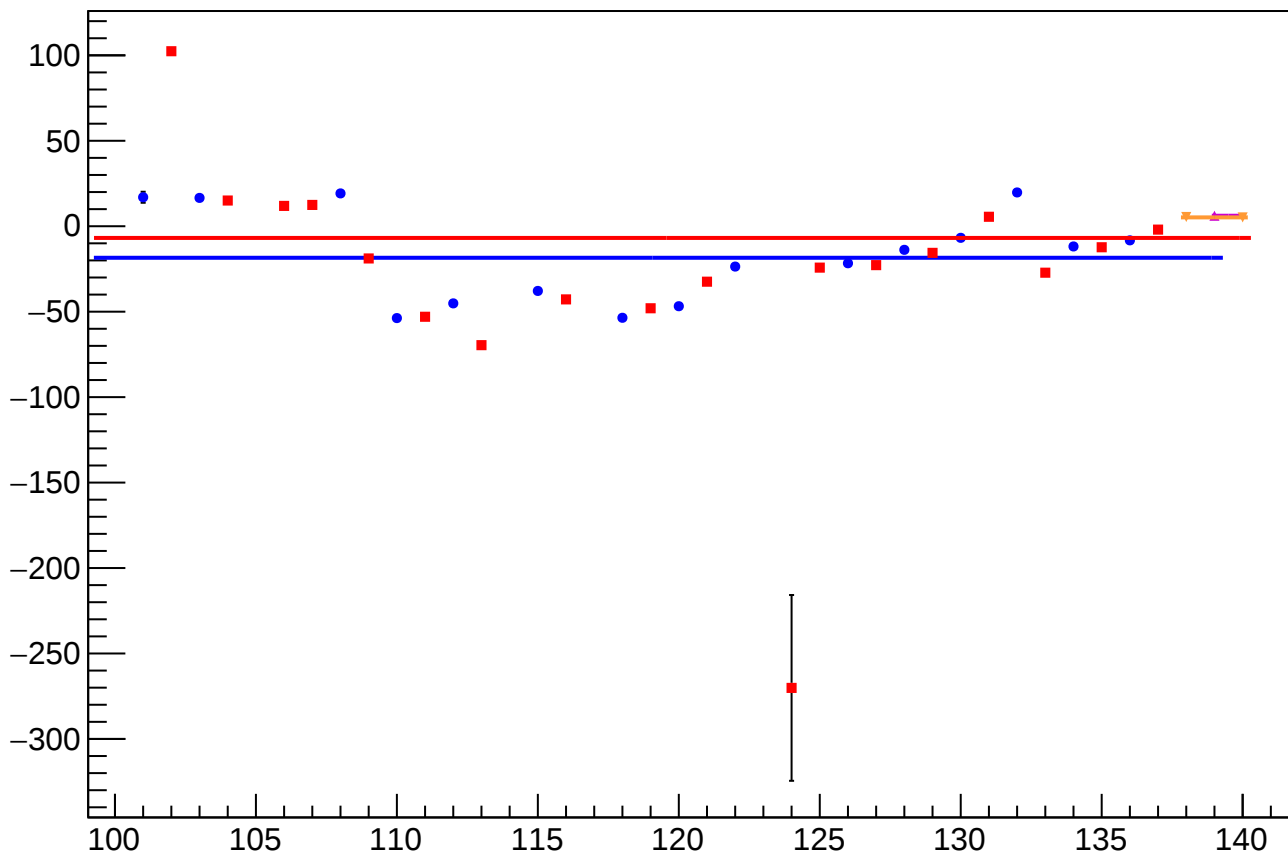
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -277.457 ± 0.049 $\chi^2/\text{NDF}: 884590.8/15$

Out: -264.076 ± 0.063 $\chi^2/\text{NDF}: 364553.8/19$

All: -272.445 ± 0.039 $\chi^2/\text{NDF}: 1277398.0/35$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.175 ± 0.120 $\chi^2/\text{NDF}: 0.2/1$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.147 ± 0.189 $\chi^2/\text{NDF}: 0.0/0$

Left: 5.454 ± 0.101 $\chi^2/\text{NDF}: 19.0/2$

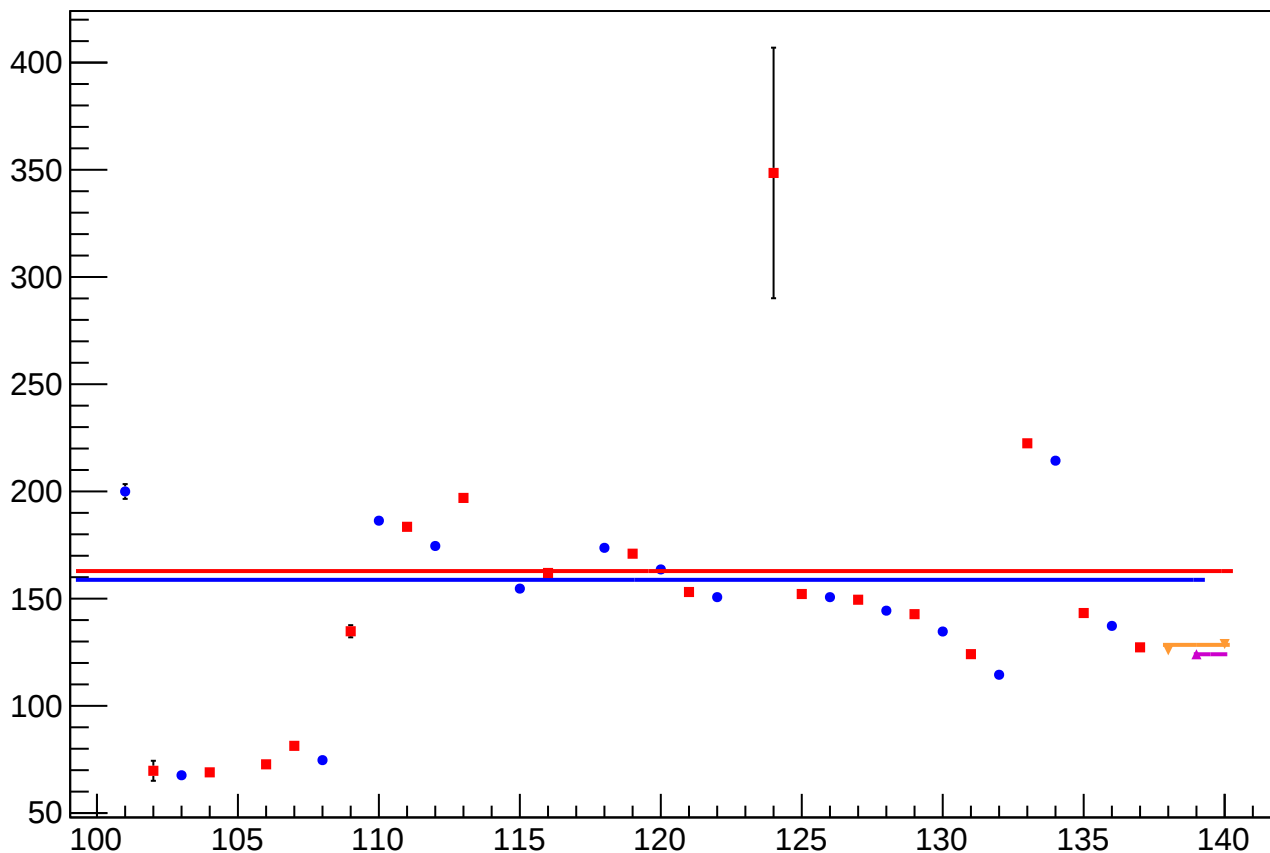
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -13.798 ± 0.082 $\chi^2/\text{NDF}: 60316.6/15$

Out: -4.146 ± 0.057 $\chi^2/\text{NDF}: 57795.9/19$

All: -7.271 ± 0.047 $\chi^2/\text{NDF}: 127439.1/35$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 128.440 ± 0.167 χ^2/NDF : 35.0/1

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 124.059 ± 0.207 χ^2/NDF : 0.0/0

Left: 126.716 ± 0.130 χ^2/NDF : 306.3/2

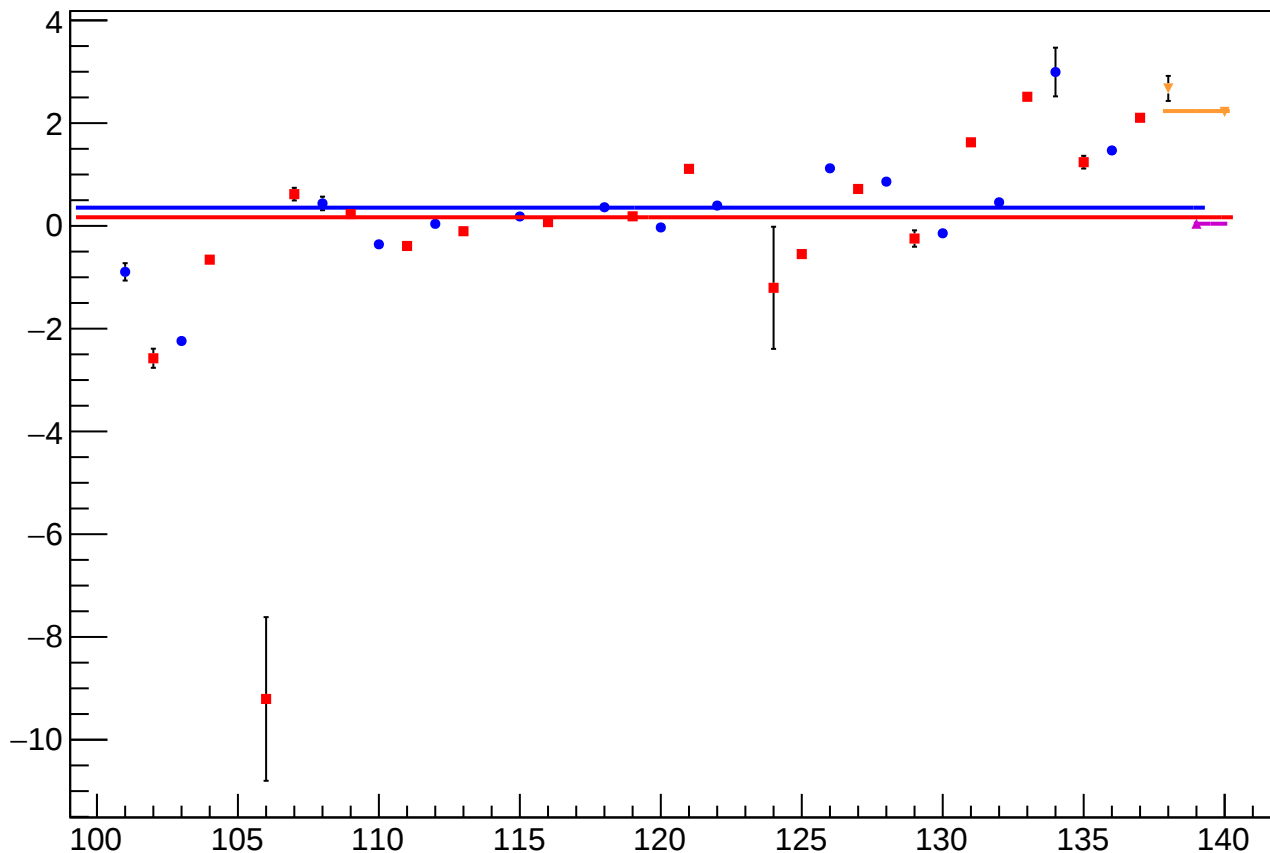
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 153.435 ± 0.081 χ^2/NDF : 182772.8/15

Out: 154.664 ± 0.081 χ^2/NDF : 188621.6/19

All: 154.048 ± 0.058 χ^2/NDF : 371508.6/35

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.235 ± 0.045 χ^2/NDF : 3.4/1

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 0.042 ± 0.029 χ^2/NDF : 0.0/0

Left: 0.696 ± 0.025 χ^2/NDF : 1657.4/2

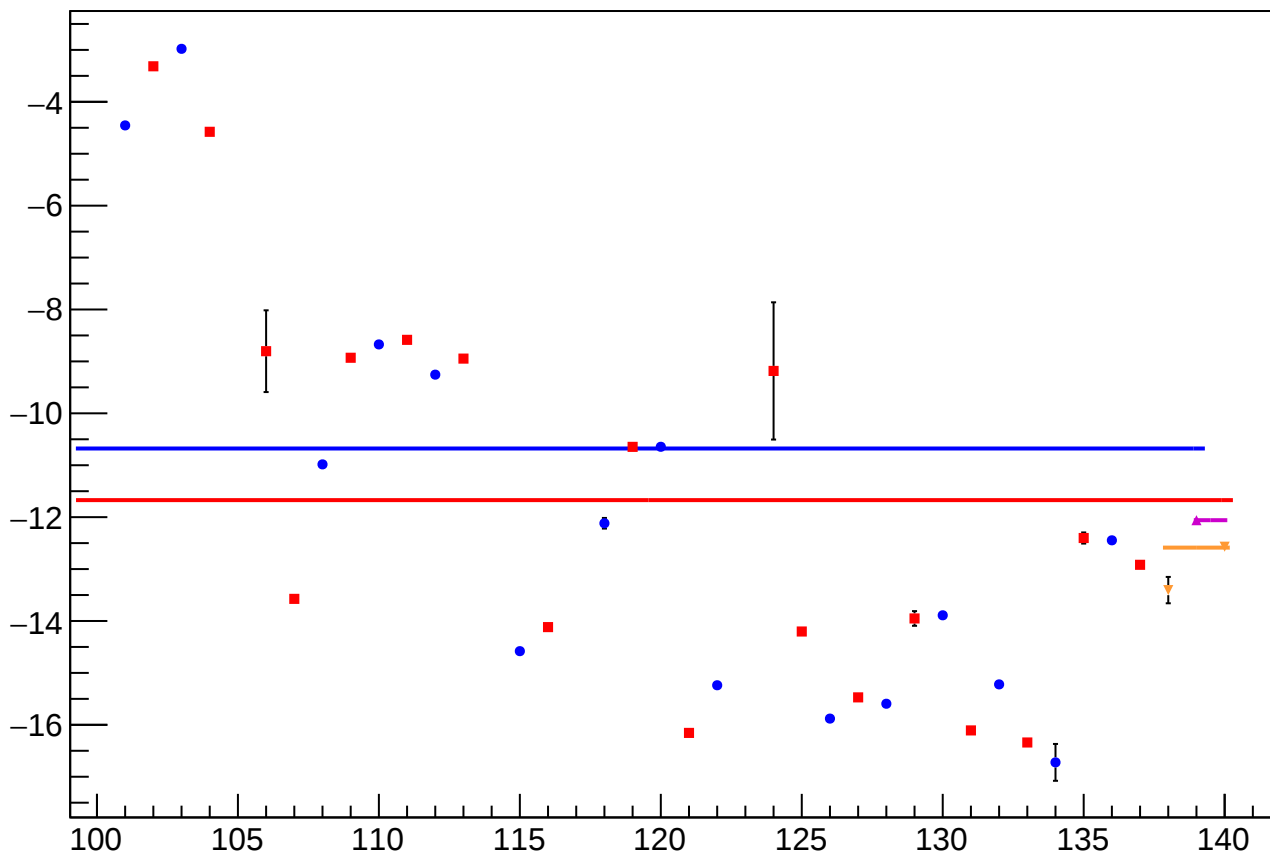
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.312 ± 0.011 χ^2/NDF : 4108.5/15

Out: 0.225 ± 0.008 χ^2/NDF : 6627.3/19

All: 0.253 ± 0.006 χ^2/NDF : 10778.3/35

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678+/-0.010 χ^2/NDF : 226791.0/14

Left Out: -12.587+/-0.037 χ^2/NDF : 10.6/1

Right Out: -11.672+/-0.012 χ^2/NDF : 107844.6/17

Left In: -12.058+/-0.089 χ^2/NDF : 0.0/0

Left: -12.511+/-0.034 χ^2/NDF : 40.7/2

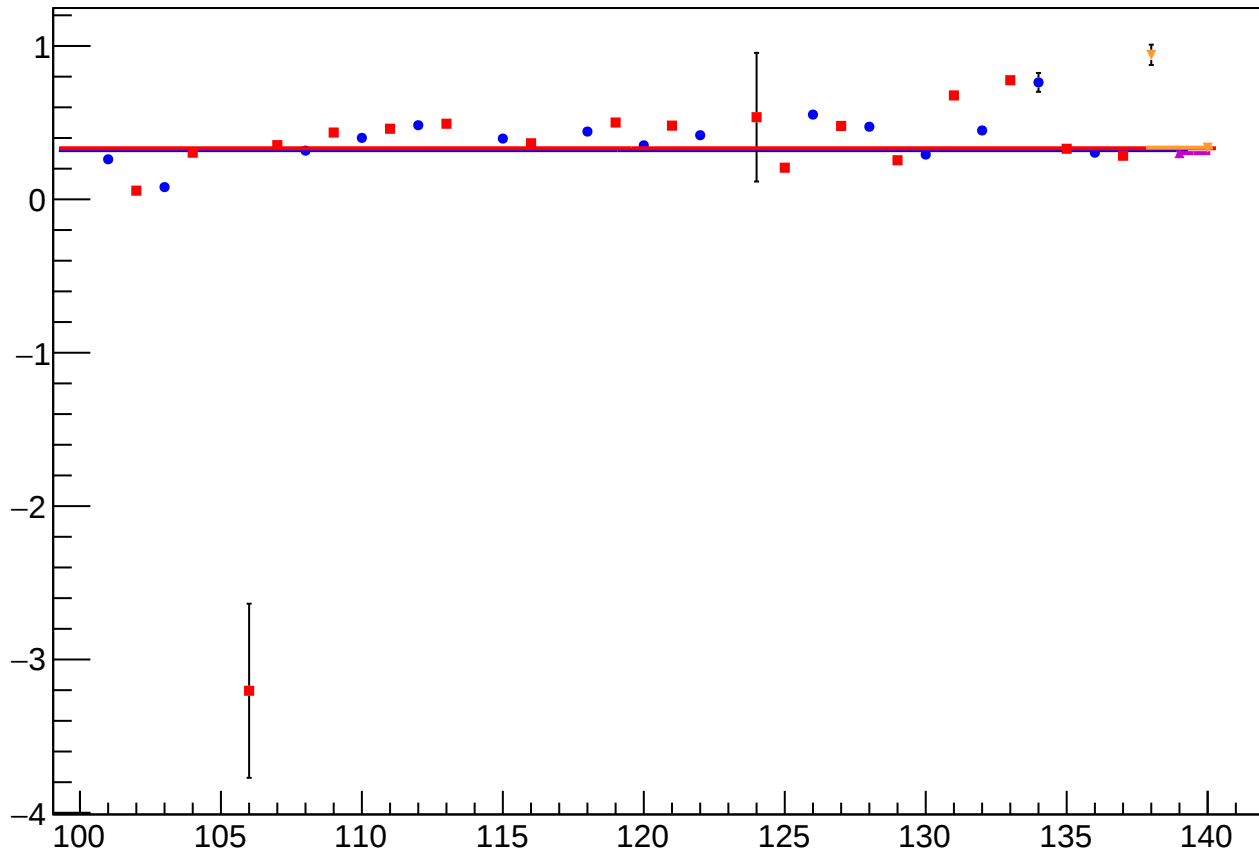
Right: -11.113+/-0.008 χ^2/NDF : 338735.1/32

In: -10.696+/-0.010 χ^2/NDF : 227028.4/15

Out: -11.756+/-0.011 χ^2/NDF : 108425.0/19

All: -11.182+/-0.008 χ^2/NDF : 340402.8/35

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.337 $\pm$ 0.001 χ^2 /NDF: 83.1/1

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.301 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Left: 0.329 $\pm$ 0.001 χ^2 /NDF: 252.6/2

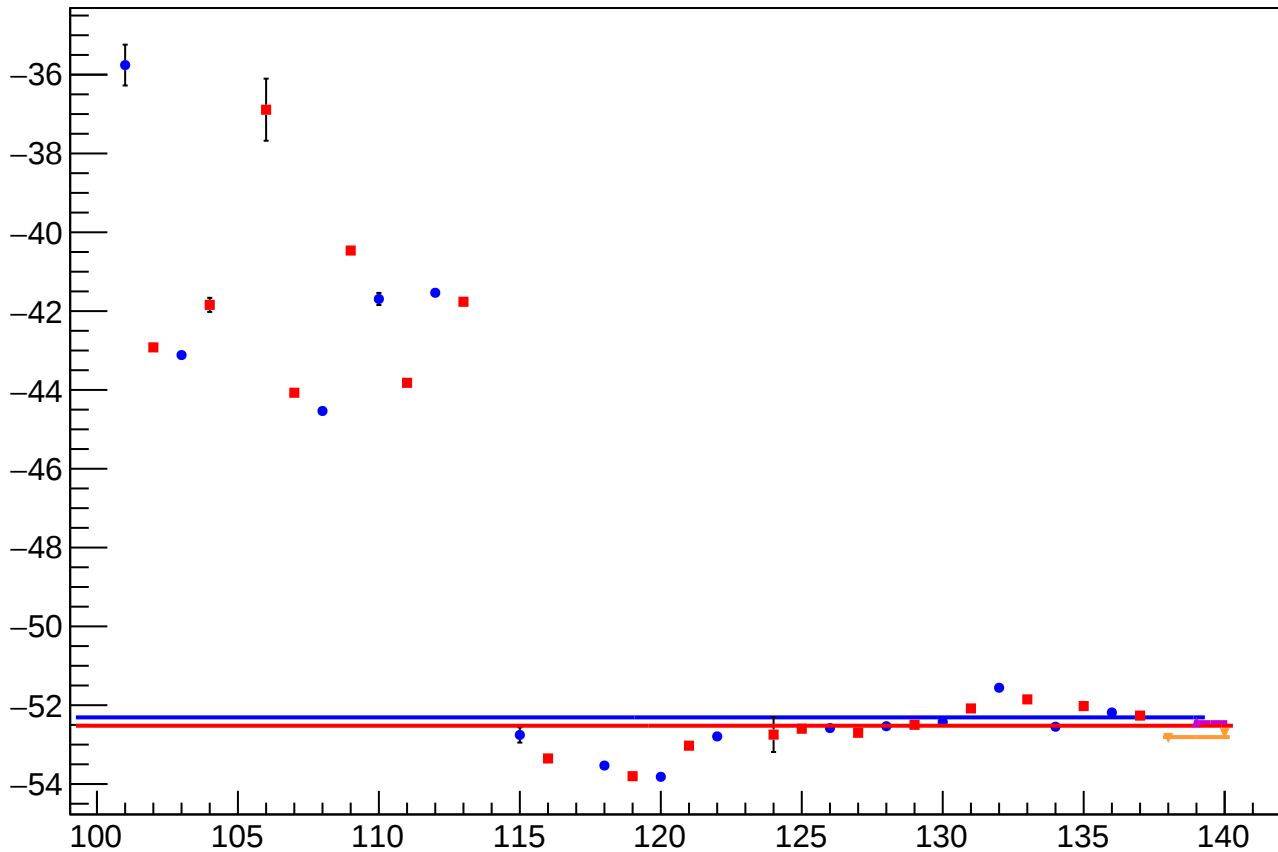
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.318 $\pm$ 0.001 χ^2 /NDF: 4074.5/15

Out: 0.335 $\pm$ 0.001 χ^2 /NDF: 4258.5/19

All: 0.326 $\pm$ 0.001 χ^2 /NDF: 8507.1/35

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -52.809 ± 0.009 $\chi^2/\text{NDF}: 25.8/1$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -52.430 ± 0.011 $\chi^2/\text{NDF}: 0.0/0$

Left: -52.658 ± 0.007 $\chi^2/\text{NDF}: 694.1/2$

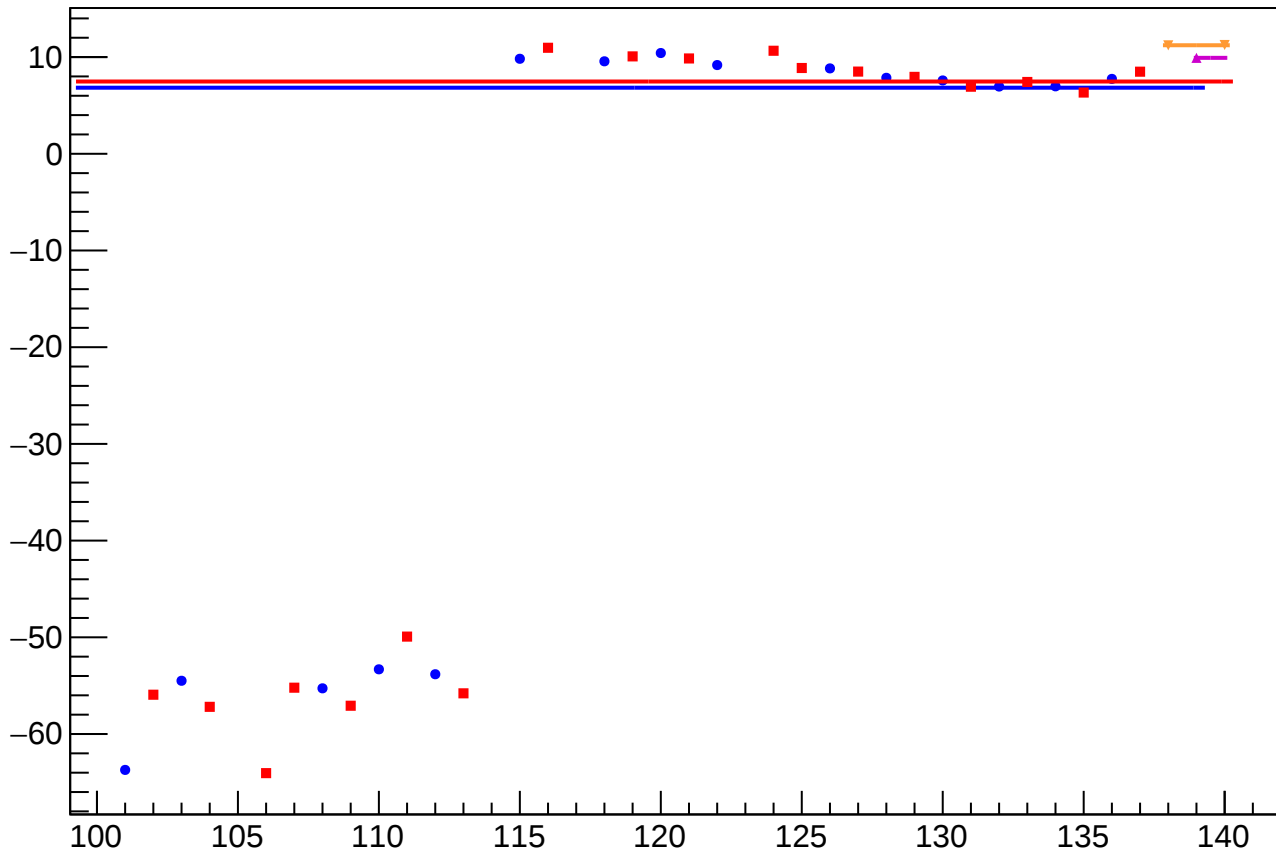
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -52.325 ± 0.004 $\chi^2/\text{NDF}: 53557.9/15$

Out: -52.578 ± 0.004 $\chi^2/\text{NDF}: 77420.1/19$

All: -52.451 ± 0.003 $\chi^2/\text{NDF}: 132868.0/35$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 11.224+/-0.019 χ^2/NDF : 0.7/1

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 9.921+/-0.022 χ^2/NDF : 0.0/0

Left: 10.690+/-0.014 χ^2/NDF : 1991.0/2

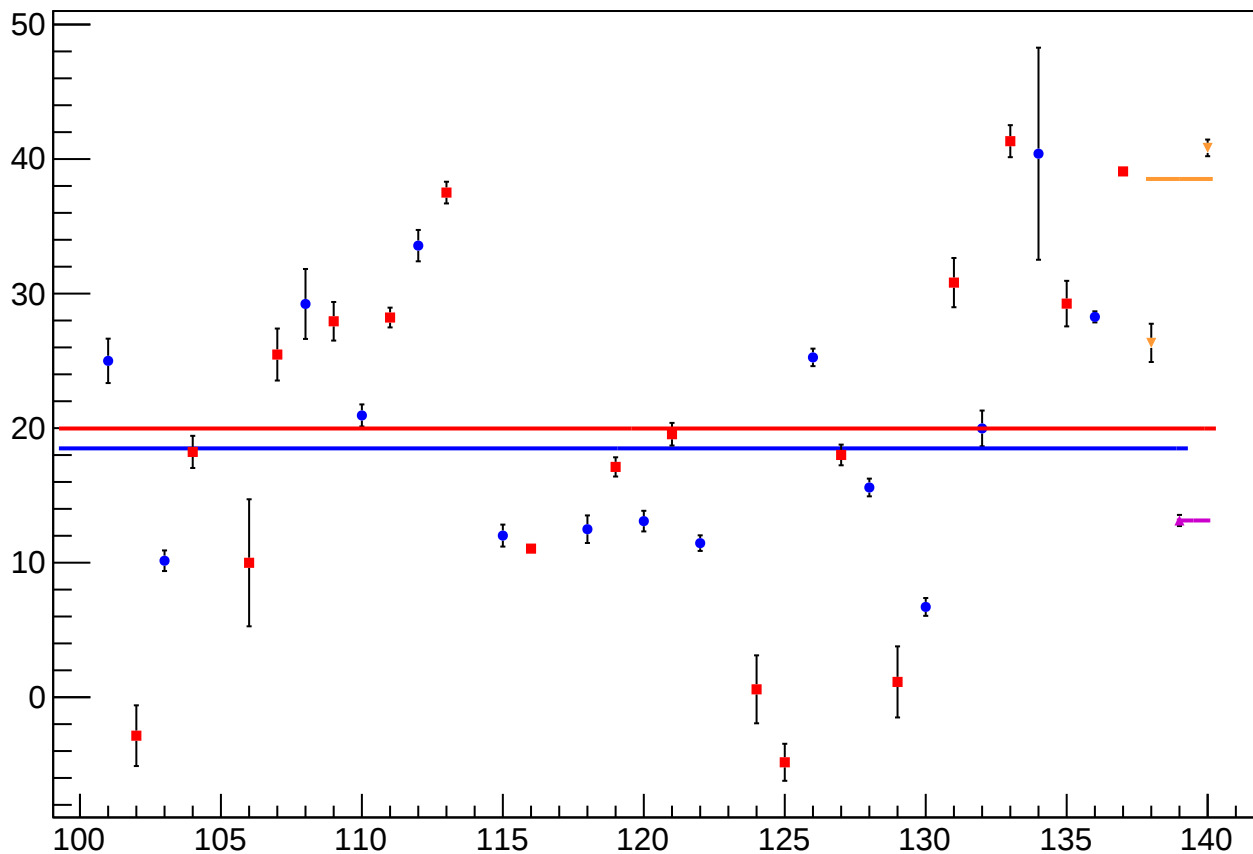
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 6.983+/-0.005 χ^2/NDF : 1008588.7/15

Out: 8.217+/-0.008 χ^2/NDF : 1227773.9/19

All: 7.305+/-0.004 χ^2/NDF : 2252623.3/35

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 38.521 $\pm$ 0.568 χ^2 /NDF:87.4/1

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 13.137 $\pm$ 0.414 χ^2 /NDF:0.0/0

Left: 21.960 $\pm$ 0.335 χ^2 /NDF: 1392.5/2

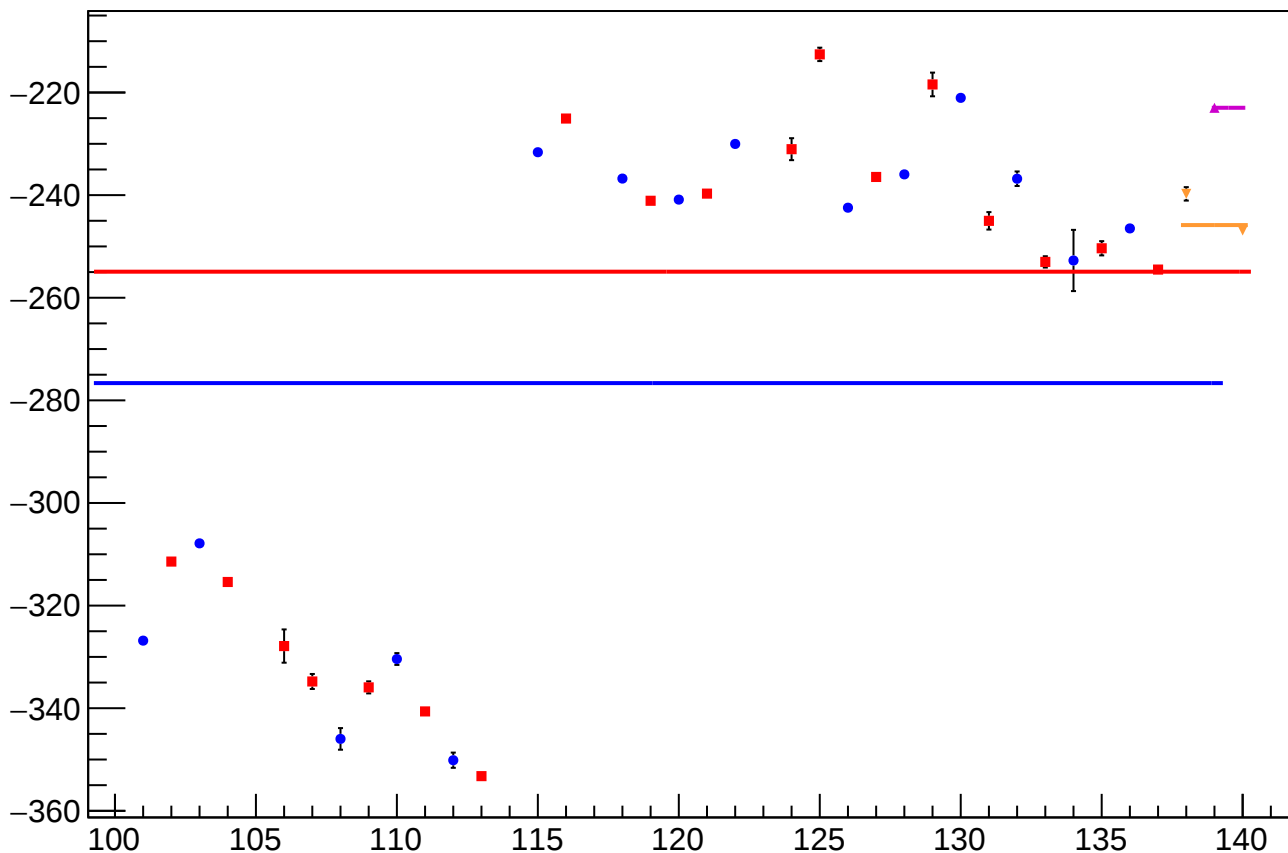
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 17.482 $\pm$ 0.180 χ^2 /NDF:1772.4/15

Out: 20.901 $\pm$ 0.127 χ^2 /NDF:10303.3/19

All: 19.767 $\pm$ 0.104 χ^2 /NDF: 12316.3/35

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -245.835 ± 0.506 $\chi^2/\text{NDF}: 25.2/1$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -222.976 ± 0.362 $\chi^2/\text{NDF}: 0.0/0$

Left: -230.725 ± 0.294 $\chi^2/\text{NDF}: 1376.6/2$

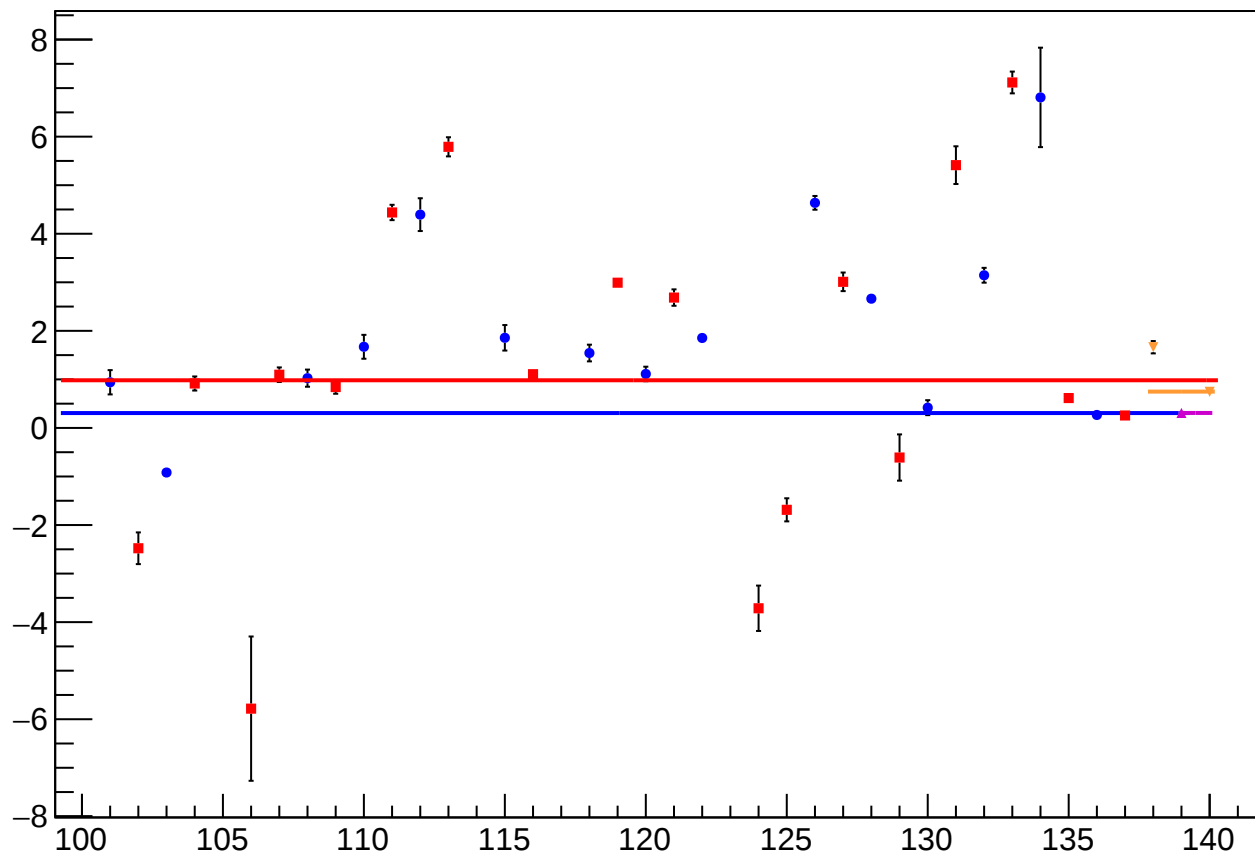
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -268.993 ± 0.137 $\chi^2/\text{NDF}: 95959.3/15$

Out: -254.744 ± 0.071 $\chi^2/\text{NDF}: 72287.8/19$

All: -257.742 ± 0.063 $\chi^2/\text{NDF}: 176834.3/35$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.748 $\pm$ 0.009 χ^2/NDF : 52.0/1

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.309 $\pm$ 0.008 χ^2/NDF : 0.0/0

Left: 0.503 $\pm$ 0.006 χ^2/NDF : 1466.3/2

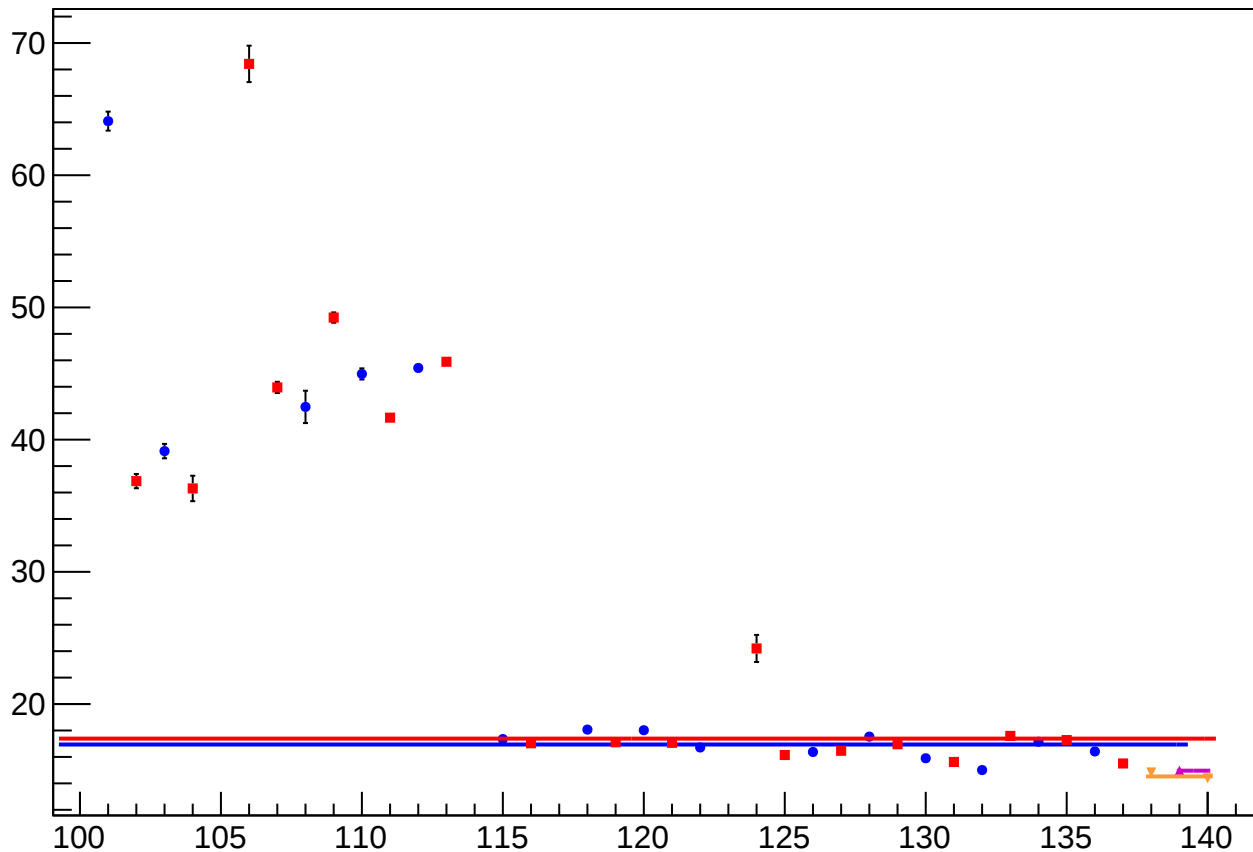
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.308 $\pm$ 0.005 χ^2/NDF : 2787.1/15

Out: 0.810 $\pm$ 0.008 χ^2/NDF : 3613.3/19

All: 0.464 $\pm$ 0.004 χ^2/NDF : 9479.5/35

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 14.526+/-0.030 χ^2/NDF : 48.7/1

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.960+/-0.032 χ^2/NDF : 0.0/0

Left: 14.726+/-0.022 χ^2/NDF : 147.1/2

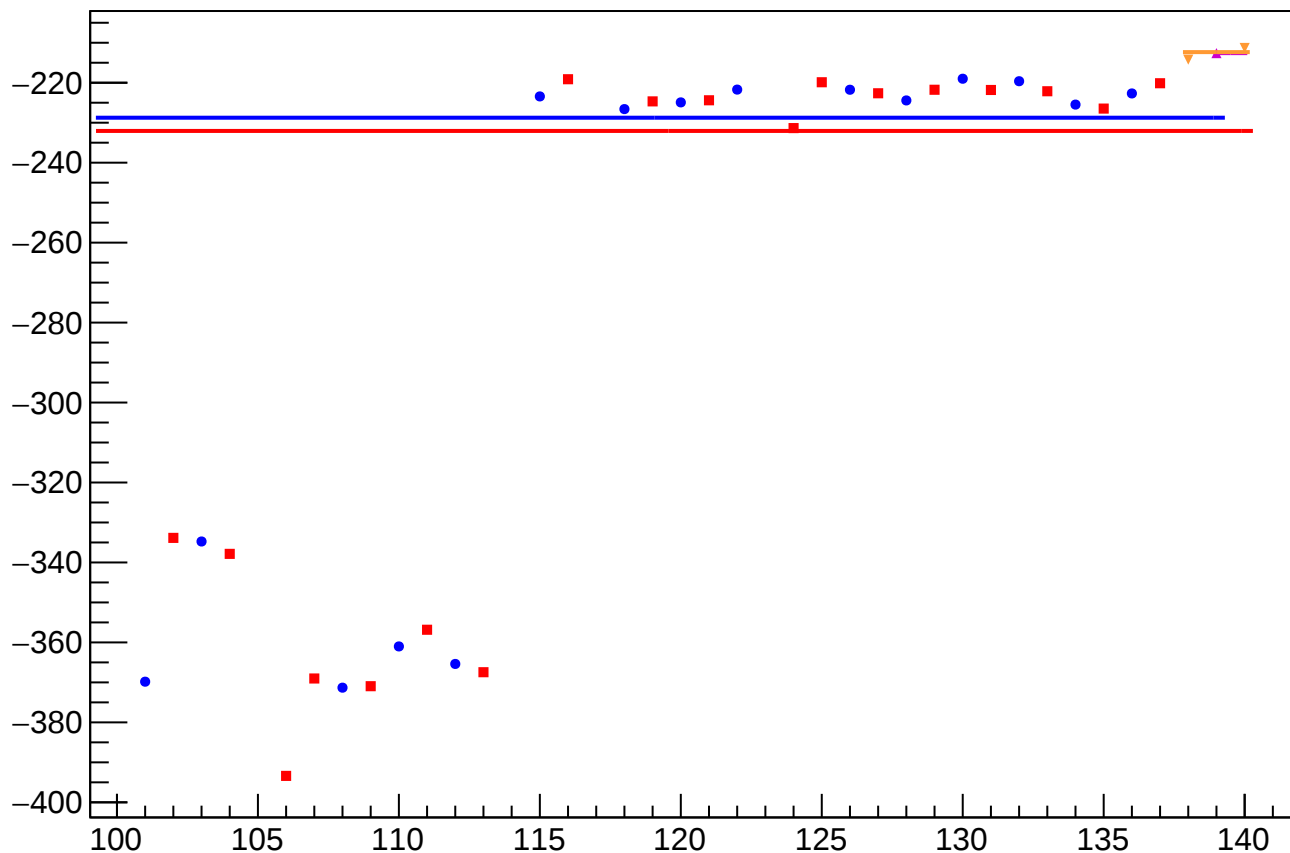
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.668+/-0.012 χ^2/NDF : 32289.0/15

Out: 16.643+/-0.015 χ^2/NDF : 68043.0/19

All: 16.658+/-0.009 χ^2/NDF : 100333.7/35

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -212.340+/-0.057 χ^2/NDF : 611.2/1

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -212.597+/-0.094 χ^2/NDF : 0.0/0

Left: -212.409+/-0.048 χ^2/NDF : 616.7/2

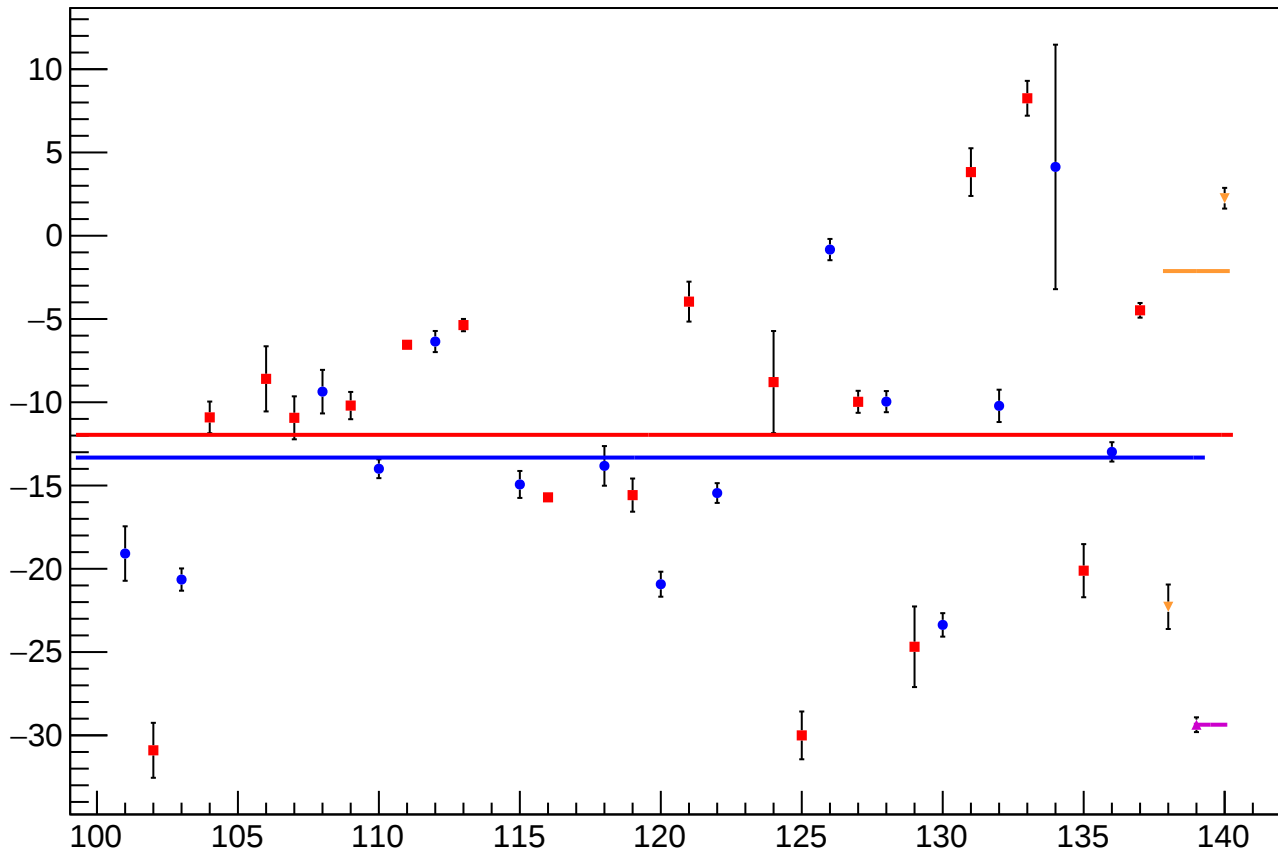
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -226.804+/-0.033 χ^2/NDF : 683685.6/15

Out: -225.196+/-0.033 χ^2/NDF : 871460.2/19

All: -226.020+/-0.023 χ^2/NDF : 1556337.7/35

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -2.122 ± 0.564 χ^2/NDF : 277.4/1

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -29.363 ± 0.444 χ^2/NDF : 0.0/0

Left: -18.947 ± 0.349 χ^2/NDF : 1719.1/2

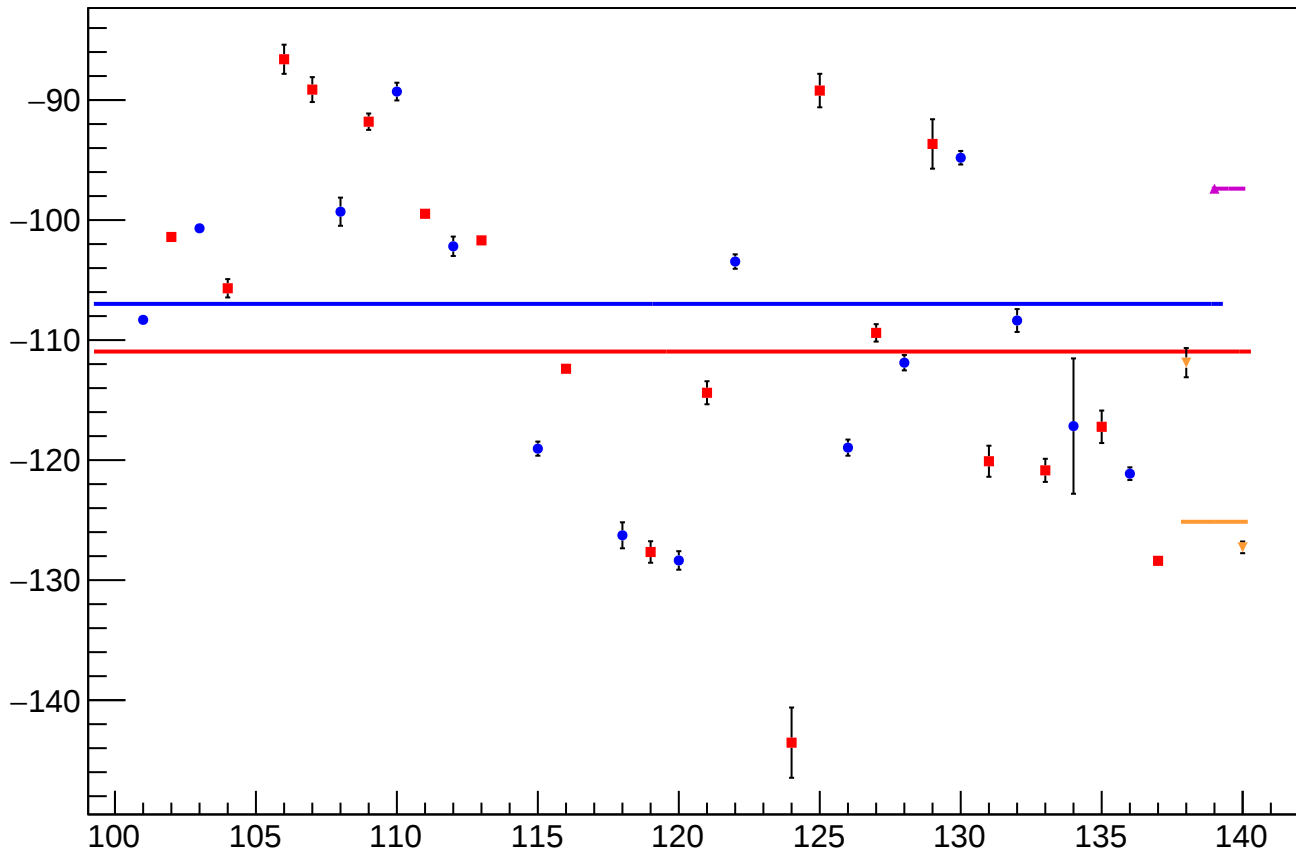
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -15.889 ± 0.178 χ^2/NDF : 2111.3/15

Out: -11.579 ± 0.110 χ^2/NDF : 3057.1/19

All: -12.782 ± 0.094 χ^2/NDF : 5593.5/35

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -125.136 ± 0.453 χ^2/NDF : 137.9/1

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.382 ± 0.356 χ^2/NDF : 0.0/0

Left: -107.976 ± 0.280 χ^2/NDF : 2462.7/2

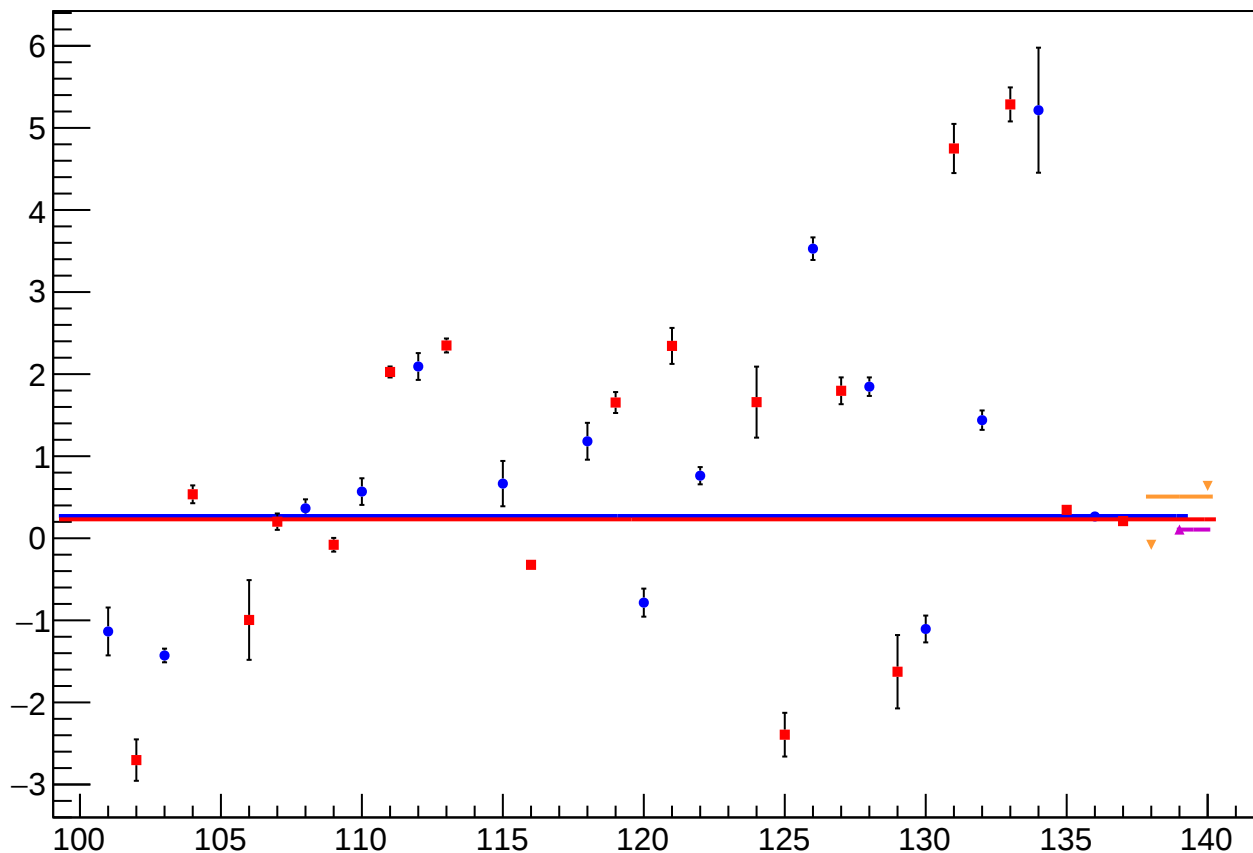
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.144 ± 0.105 χ^2/NDF : 5323.4/15

Out: -111.127 ± 0.050 χ^2/NDF : 11782.6/19

All: -110.211 ± 0.045 χ^2/NDF : 18940.5/35

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.508 ± 0.010 $\chi^2/\text{NDF}: 702.8/1$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.106 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.276 ± 0.007 $\chi^2/\text{NDF}: 1561.1/2$

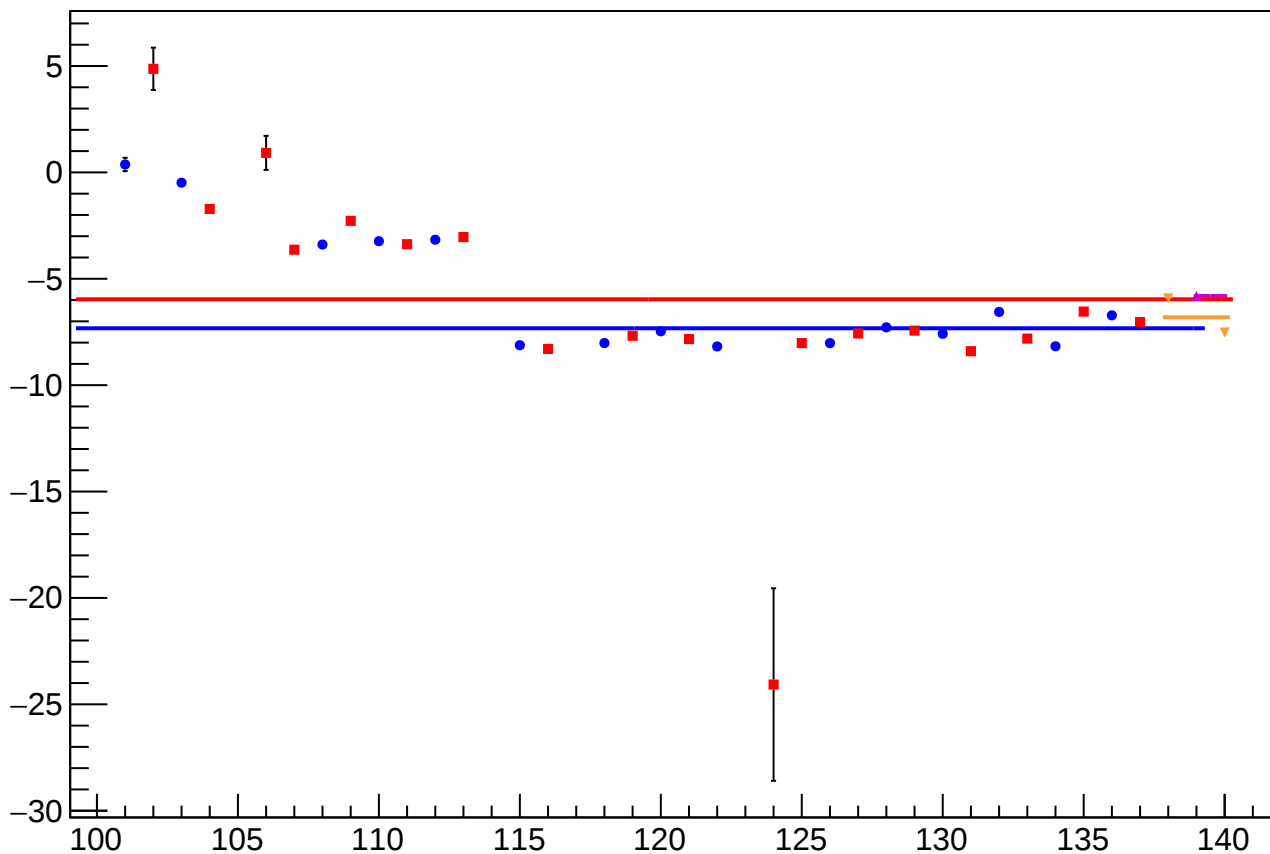
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.228 ± 0.005 $\chi^2/\text{NDF}: 1865.1/15$

Out: 0.273 ± 0.004 $\chi^2/\text{NDF}: 4210.0/19$

All: 0.253 ± 0.003 $\chi^2/\text{NDF}: 6129.5/35$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.810+/-0.035 χ^2/NDF : 508.1/1

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -5.808+/-0.020 χ^2/NDF : 0.0/0

Left: -6.059+/-0.018 χ^2/NDF : 1111.9/2

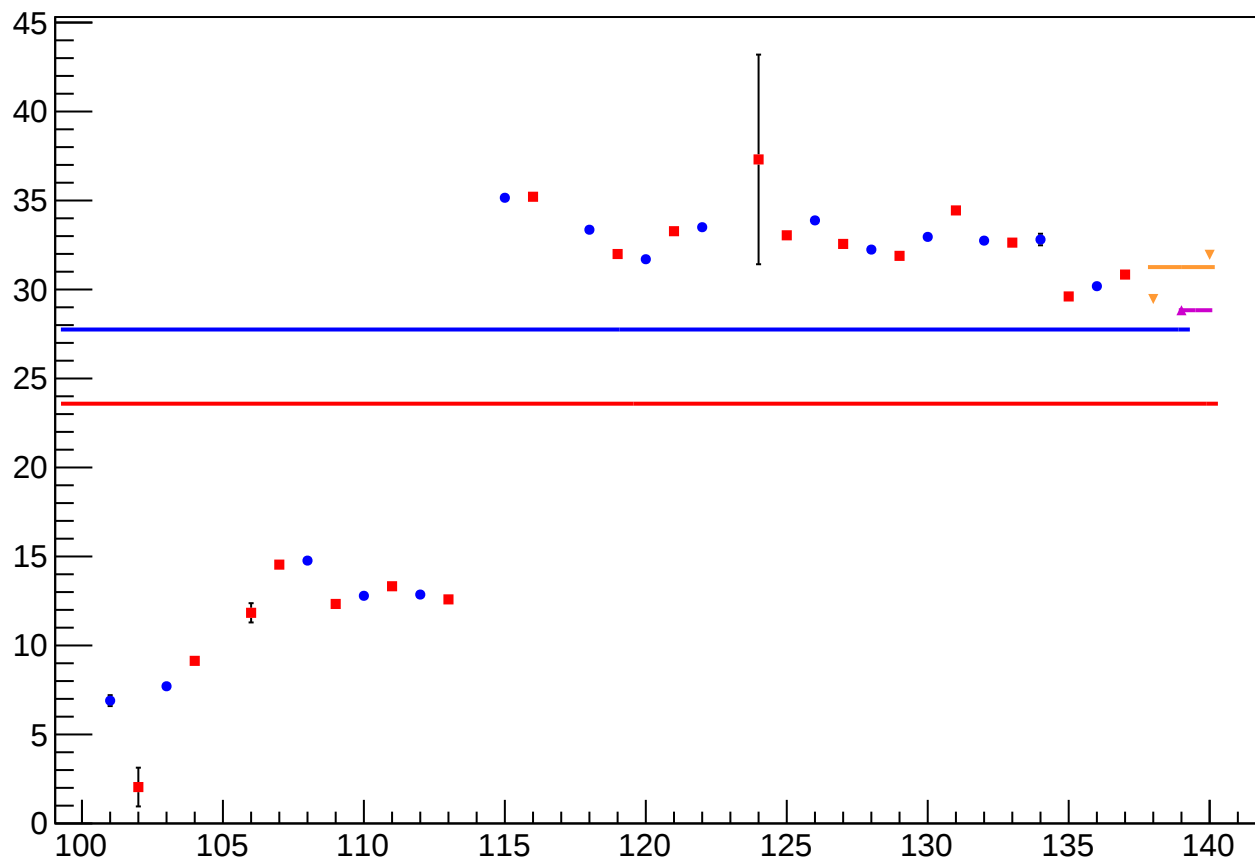
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -7.108+/-0.008 χ^2/NDF : 35232.1/15

Out: -6.013+/-0.009 χ^2/NDF : 72856.6/19

All: -6.612+/-0.006 χ^2/NDF : 117123.9/35

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.259 $\pm$ 0.046 χ^2 /NDF:581.2/1

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 28.836 $\pm$ 0.043 χ^2 /NDF:0.0/0

Left: 29.973 $\pm$ 0.032 χ^2 /NDF: 2042.6/2

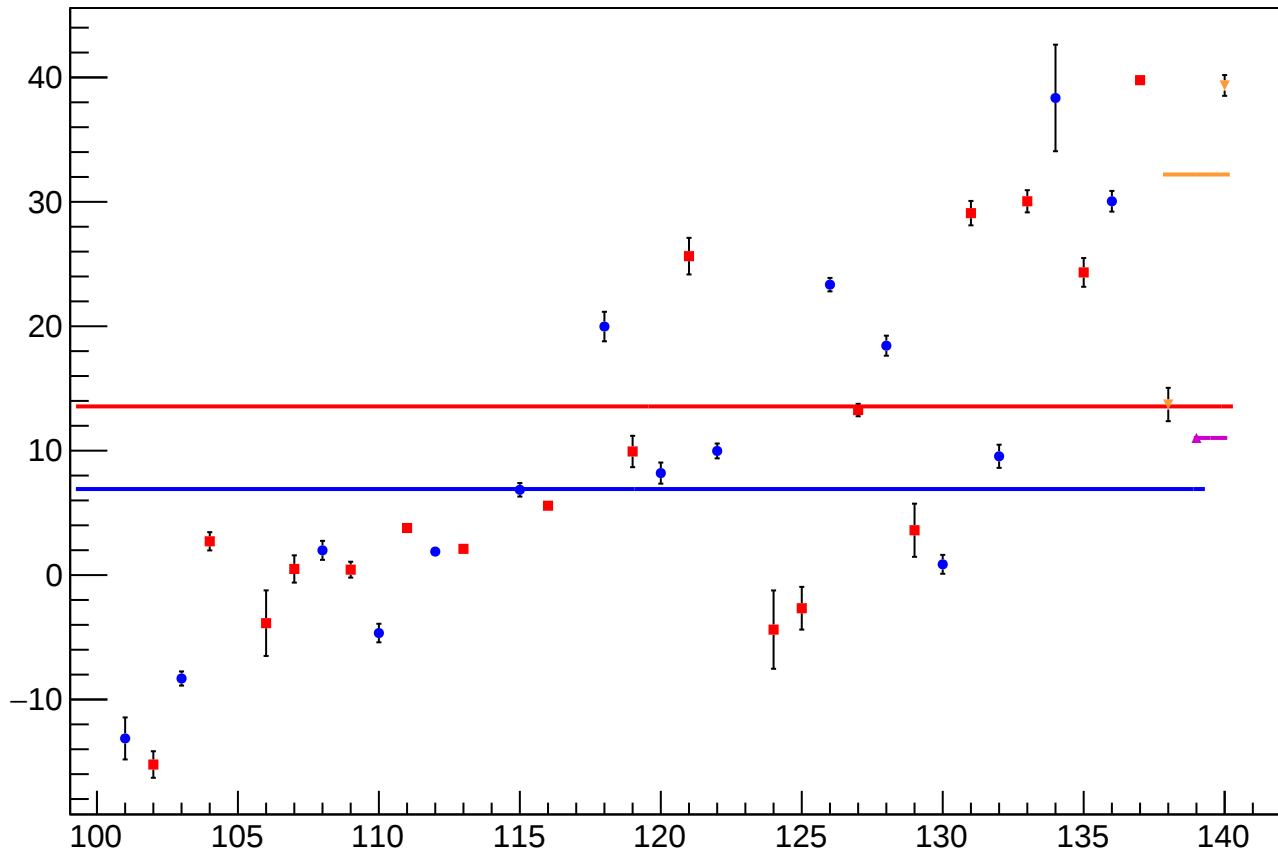
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 27.868 $\pm$ 0.014 χ^2 /NDF:333482.7/15

Out: 24.207 $\pm$ 0.013 χ^2 /NDF:565583.5/19

All: 25.895 $\pm$ 0.010 χ^2 /NDF: 934842.0/35

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 32.198 ± 0.709 $\chi^2/\text{NDF}: 263.2/1$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 11.025 ± 0.322 $\chi^2/\text{NDF}: 0.0/0$

Left: 14.649 ± 0.293 $\chi^2/\text{NDF}: 1002.3/2$

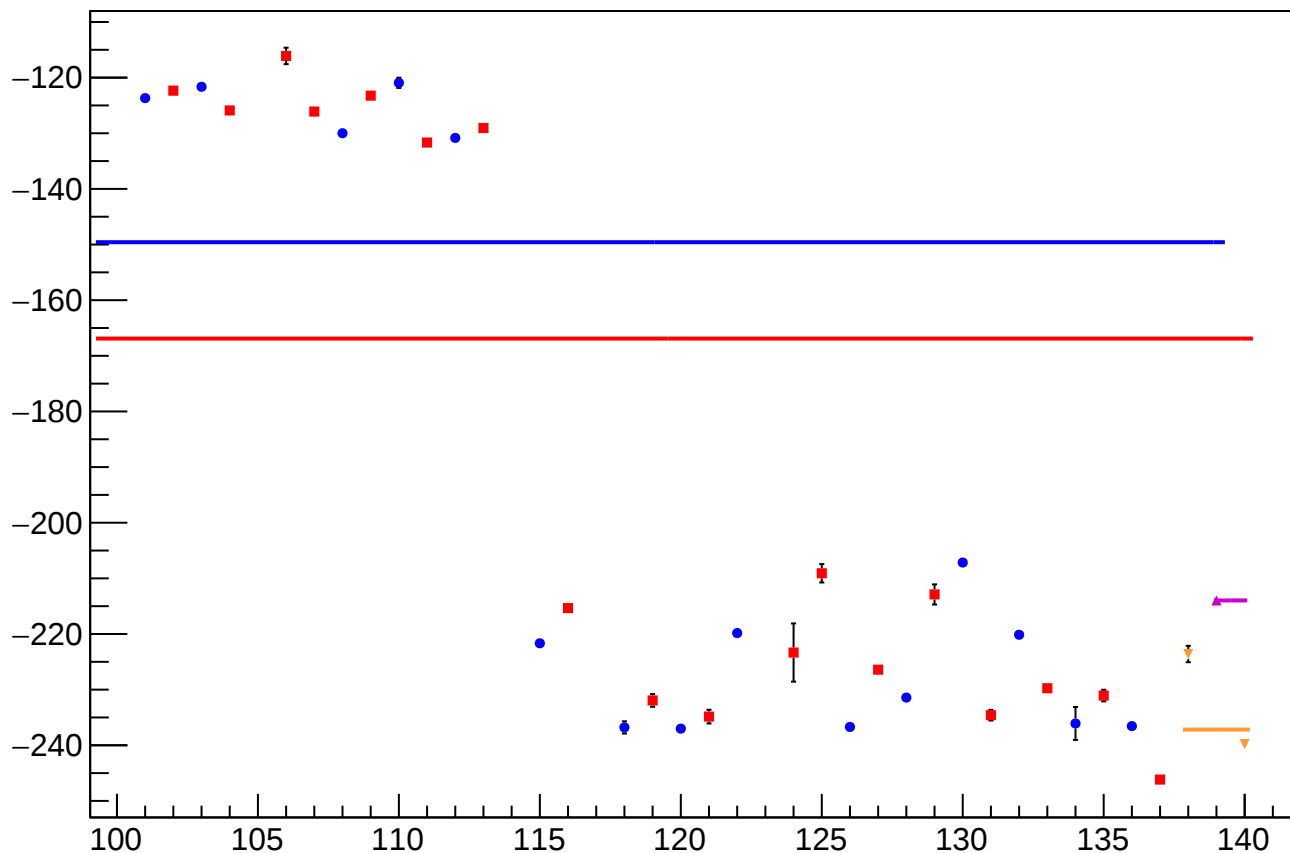
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 7.865 ± 0.155 $\chi^2/\text{NDF}: 3628.2/15$

Out: 14.306 ± 0.142 $\chi^2/\text{NDF}: 12583.8/19$

All: 11.360 ± 0.105 $\chi^2/\text{NDF}: 17151.2/35$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -237.179 ± 0.592 χ^2/NDF : 101.4/1

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -213.970 ± 0.284 χ^2/NDF : 0.0/0

Left: -218.305 ± 0.256 χ^2/NDF : 1349.7/2

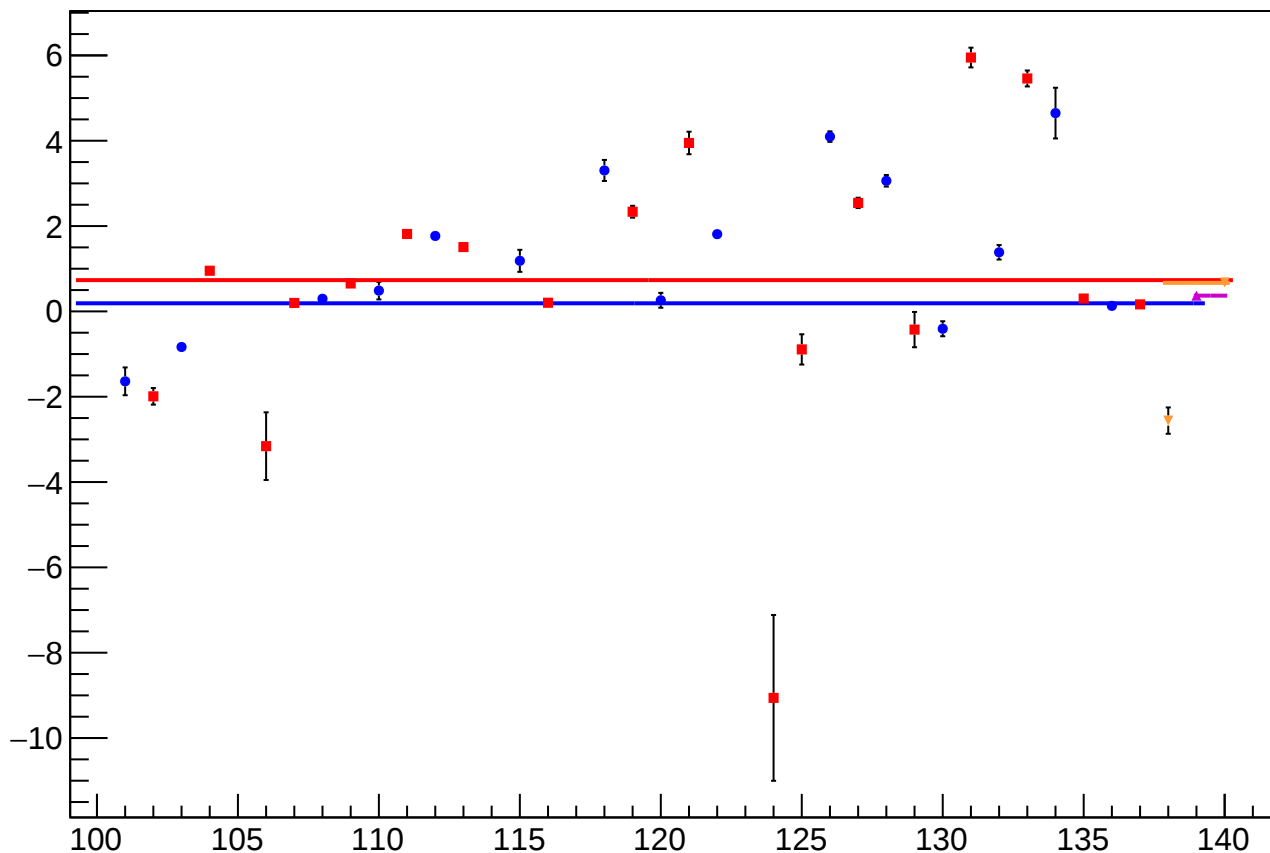
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -156.797 ± 0.095 χ^2/NDF : 240760.7/15

Out: -168.868 ± 0.099 χ^2/NDF : 309272.8/19

All: -162.577 ± 0.069 χ^2/NDF : 557755.9/35

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.669 ± 0.017 $\chi^2/\text{NDF}: 109.8/1$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.369 ± 0.012 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.466 ± 0.010 $\chi^2/\text{NDF}: 325.7/2$

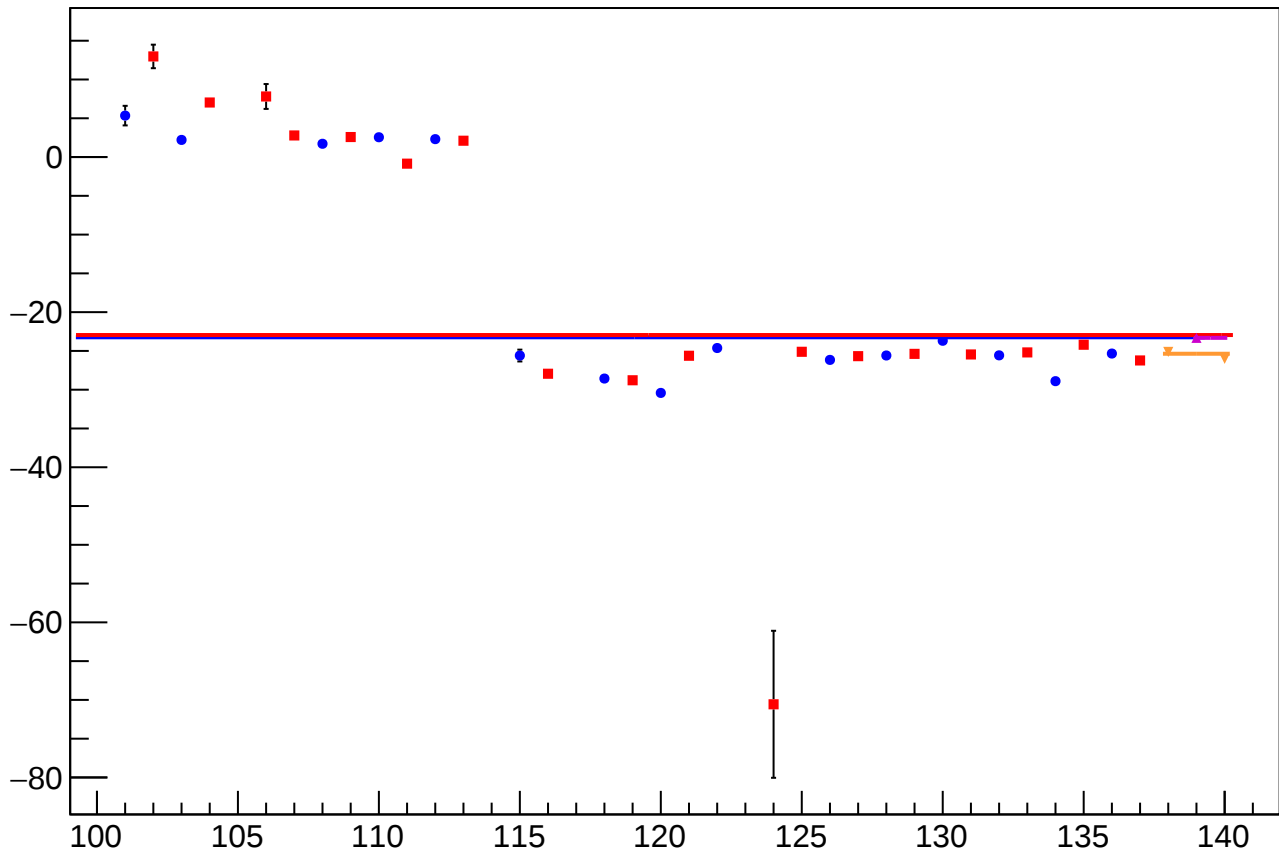
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.254 ± 0.007 $\chi^2/\text{NDF}: 2881.9/15$

Out: 0.696 ± 0.013 $\chi^2/\text{NDF}: 2782.8/19$

All: 0.353 ± 0.006 $\chi^2/\text{NDF}: 6588.6/35$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.363 ± 0.079 $\chi^2/\text{NDF}: 25.1/1$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -23.313 ± 0.084 $\chi^2/\text{NDF}: 0.0/0$

Left: -24.405 ± 0.058 $\chi^2/\text{NDF}: 338.9/2$

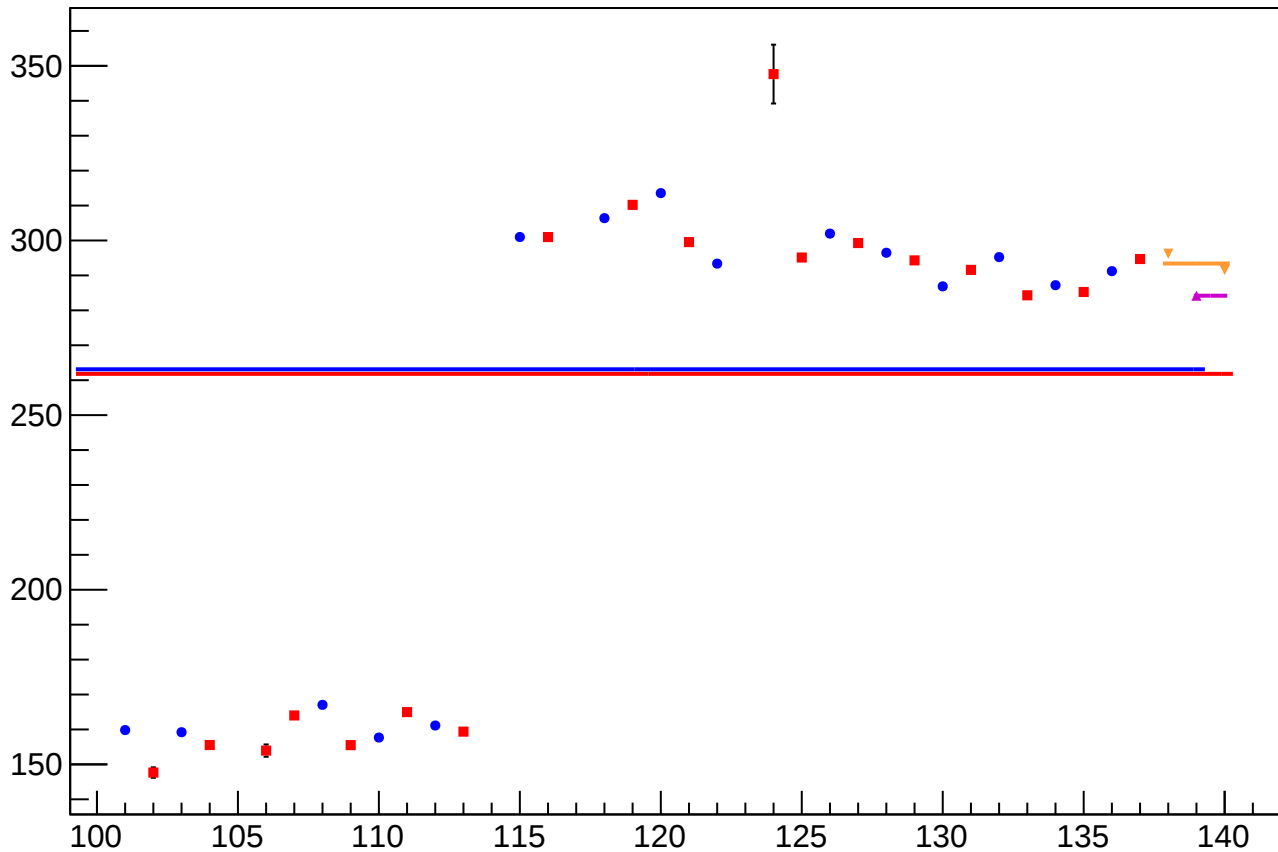
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.247 ± 0.024 $\chi^2/\text{NDF}: 103103.4/15$

Out: -23.165 ± 0.024 $\chi^2/\text{NDF}: 108911.3/19$

All: -23.205 ± 0.017 $\chi^2/\text{NDF}: 212020.7/35$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 293.405+/-0.167 χ^2/NDF :187.0/1

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 284.190+/-0.271 χ^2/NDF :0.0/0

Left: 290.865+/-0.143 χ^2/NDF : 1021.5/2

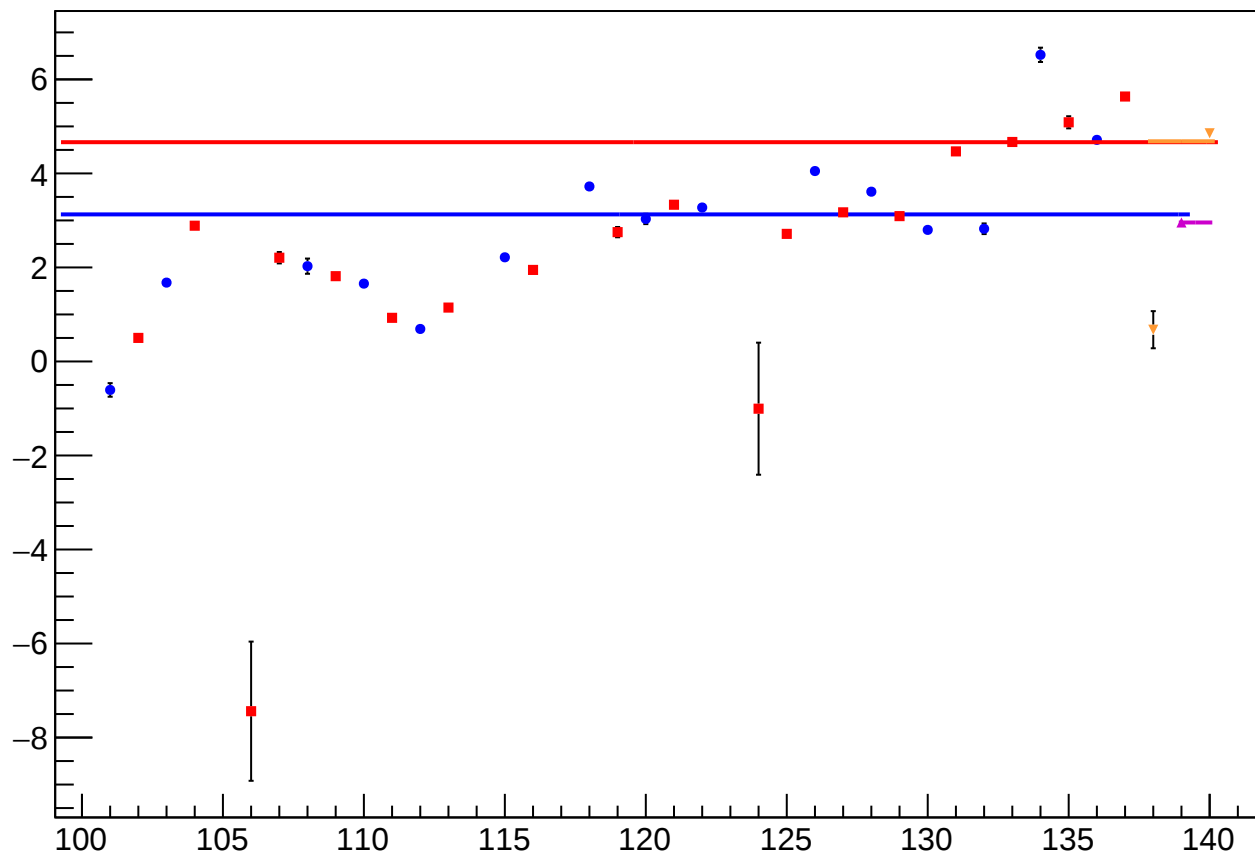
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 264.401+/-0.067 χ^2/NDF :698541.8/15

Out: 265.454+/-0.057 χ^2/NDF :1037857.5/19

All: 265.013+/-0.043 χ^2/NDF : 1736543.1/35

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.683 ± 0.080 χ^2/NDF : 107.4/1

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 2.956 ± 0.038 χ^2/NDF : 0.0/0

Left: 3.281 ± 0.035 χ^2/NDF : 488.8/2

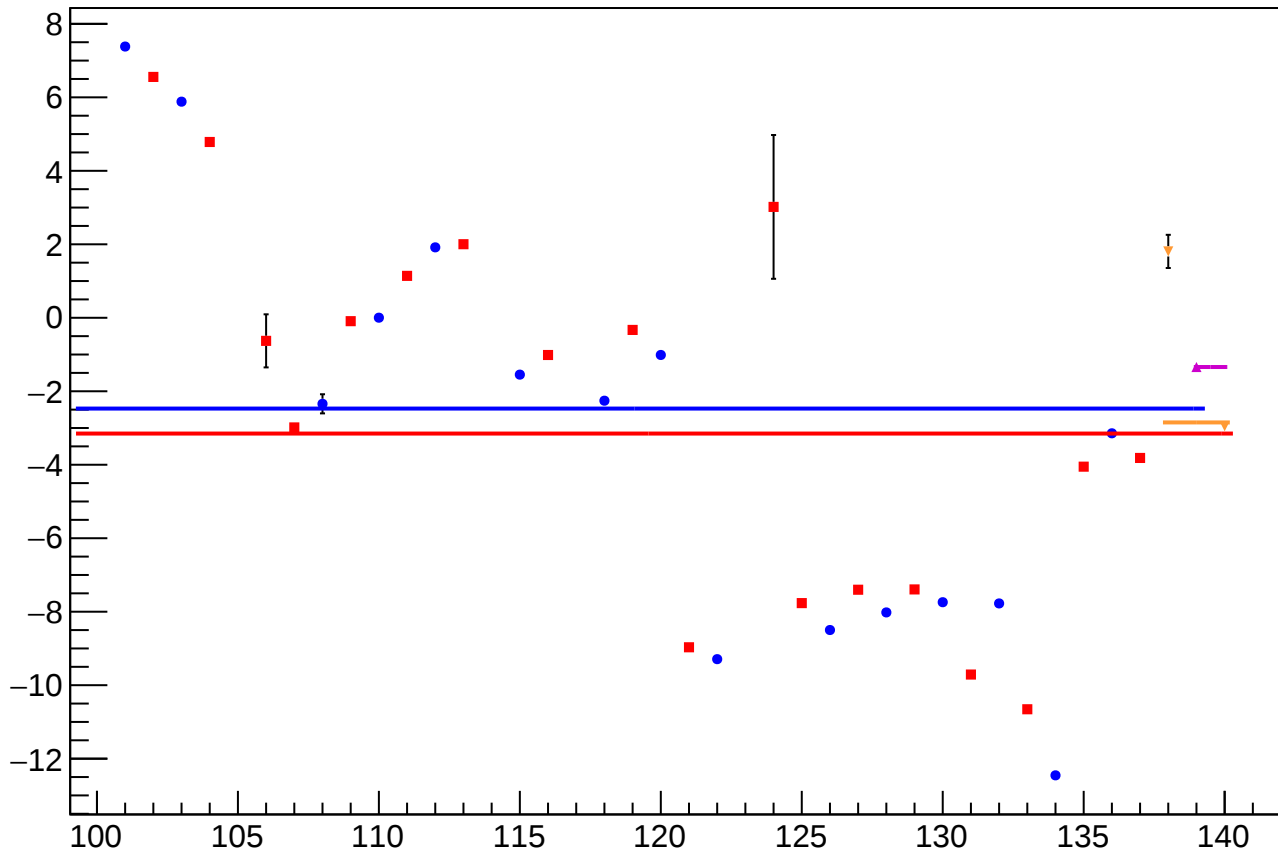
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.104 ± 0.015 χ^2/NDF : 5685.0/15

Out: 4.664 ± 0.006 χ^2/NDF : 66970.0/19

All: 4.417 ± 0.006 χ^2/NDF : 82306.9/35

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.848 ± 0.067 $\chi^2/\text{NDF}: 108.7/1$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -1.340 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.848 ± 0.039 $\chi^2/\text{NDF}: 443.3/2$

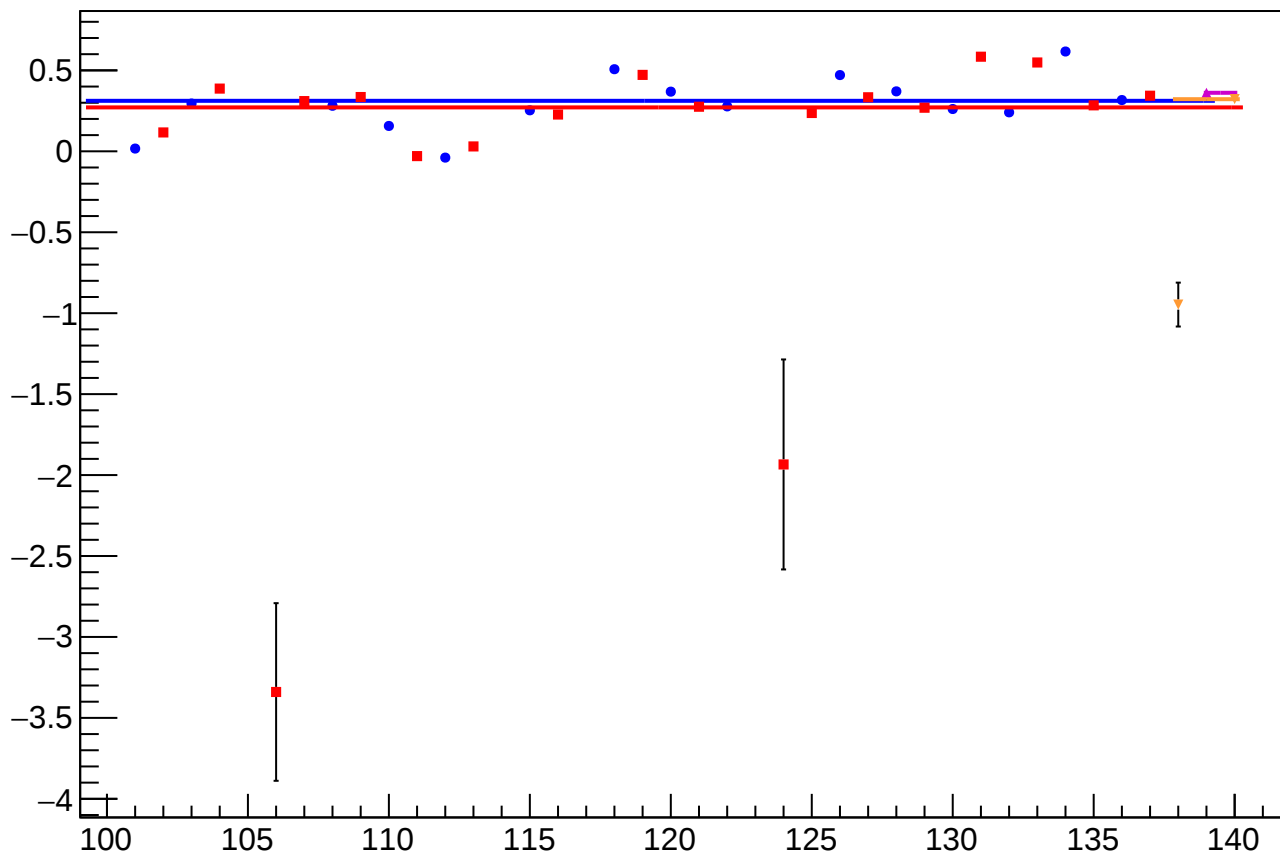
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.381 ± 0.014 $\chi^2/\text{NDF}: 243093.6/15$

Out: -3.147 ± 0.007 $\chi^2/\text{NDF}: 247556.5/19$

All: -2.971 ± 0.006 $\chi^2/\text{NDF}: 493124.8/35$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.322 $\pm$ 0.003 χ^2 /NDF:87.6/1

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.362 $\pm$ 0.006 χ^2 /NDF:0.0/0

Left: 0.331 $\pm$ 0.003 χ^2 /NDF: 124.3/2

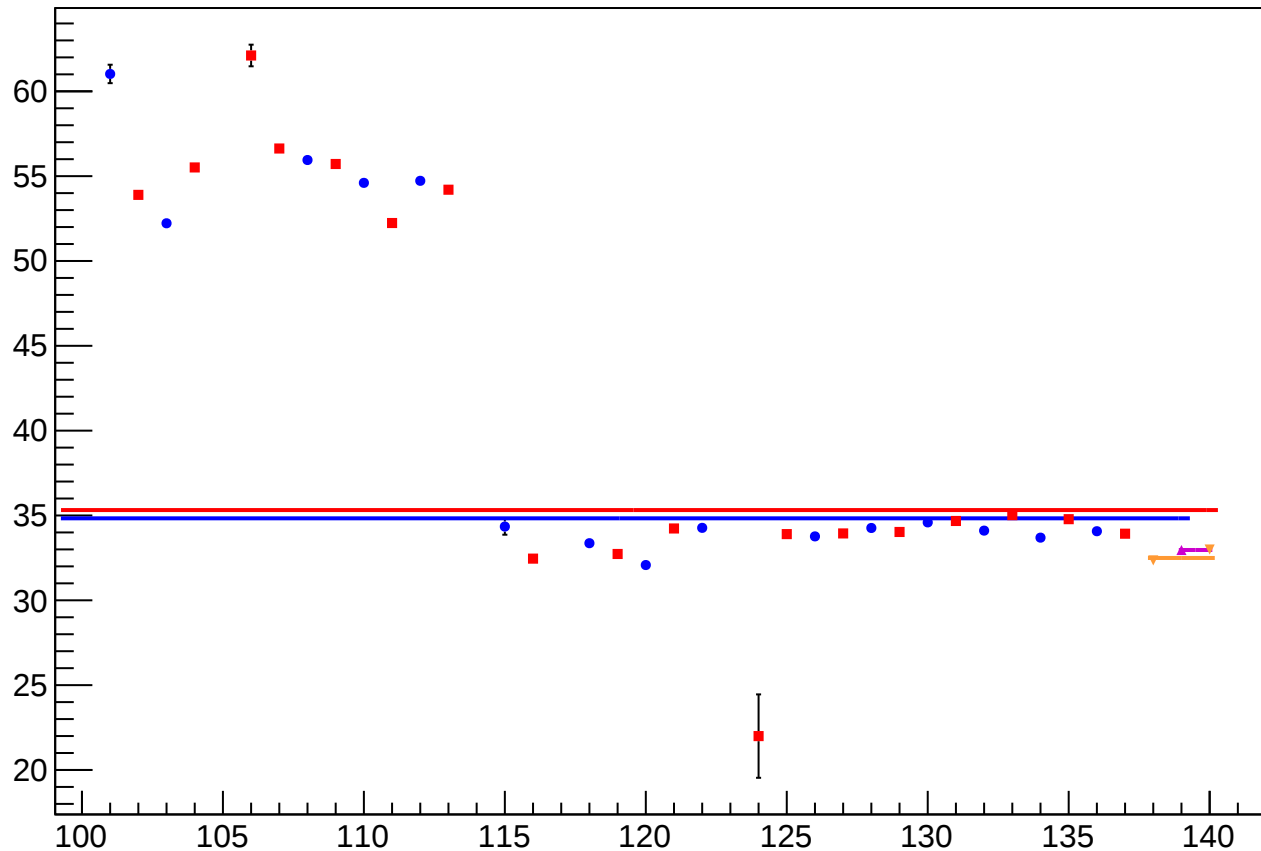
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.314 $\pm$ 0.001 χ^2 /NDF:1390.0/15

Out: 0.287 $\pm$ 0.002 χ^2 /NDF:6415.6/19

All: 0.305 $\pm$ 0.001 χ^2 /NDF: 7963.2/35

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.495 $\pm$ 0.023 χ^2 /NDF:129.6/1

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.966 $\pm$ 0.029 χ^2 /NDF:0.0/0

Left: 32.683 $\pm$ 0.018 χ^2 /NDF: 289.5/2

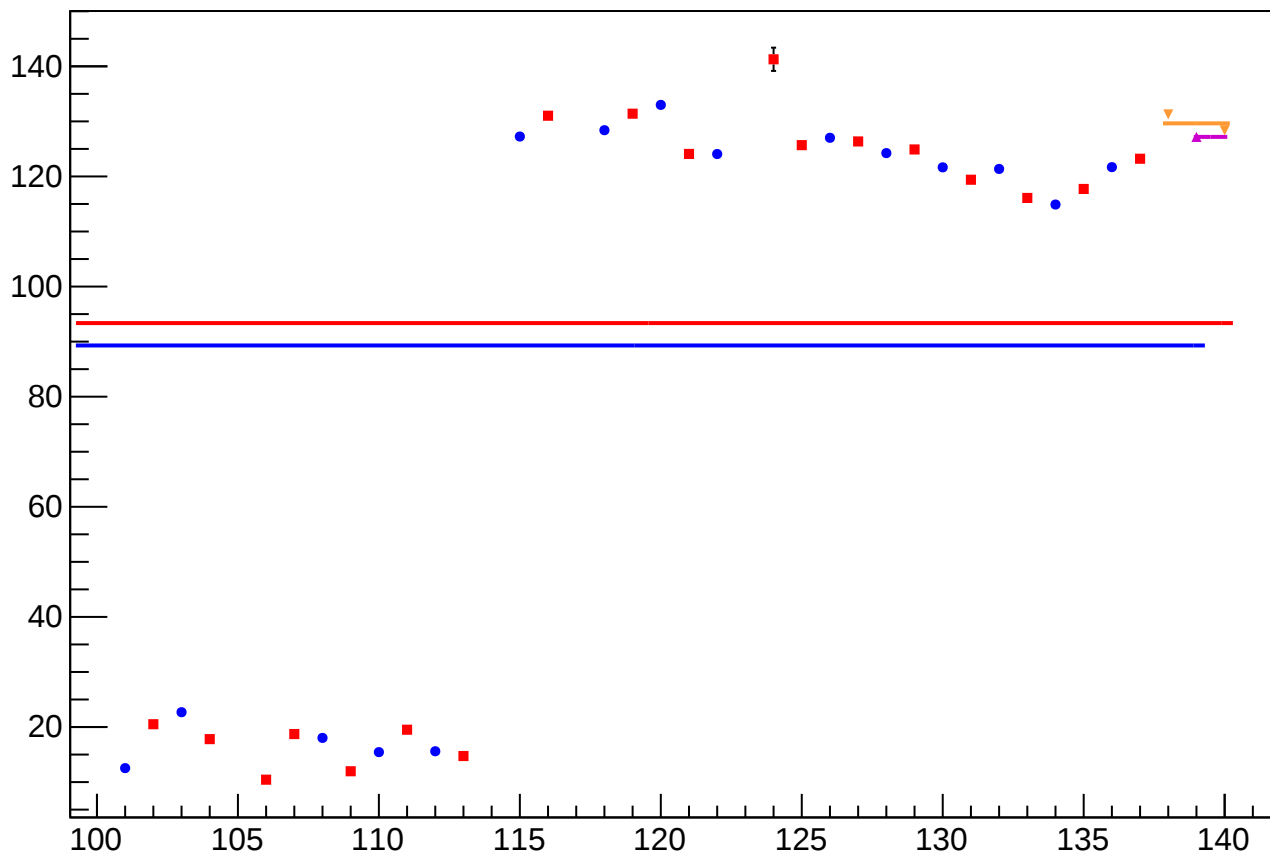
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.679 $\pm$ 0.008 χ^2 /NDF:249412.3/15

Out: 34.889 $\pm$ 0.009 χ^2 /NDF:273893.8/19

All: 34.773 $\pm$ 0.006 χ^2 /NDF: 523595.1/35

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 129.641 ± 0.068 $\chi^2/\text{NDF}: 444.3/1$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 127.184 ± 0.097 $\chi^2/\text{NDF}: 0.0/0$

Left: 128.828 ± 0.056 $\chi^2/\text{NDF}: 876.0/2$

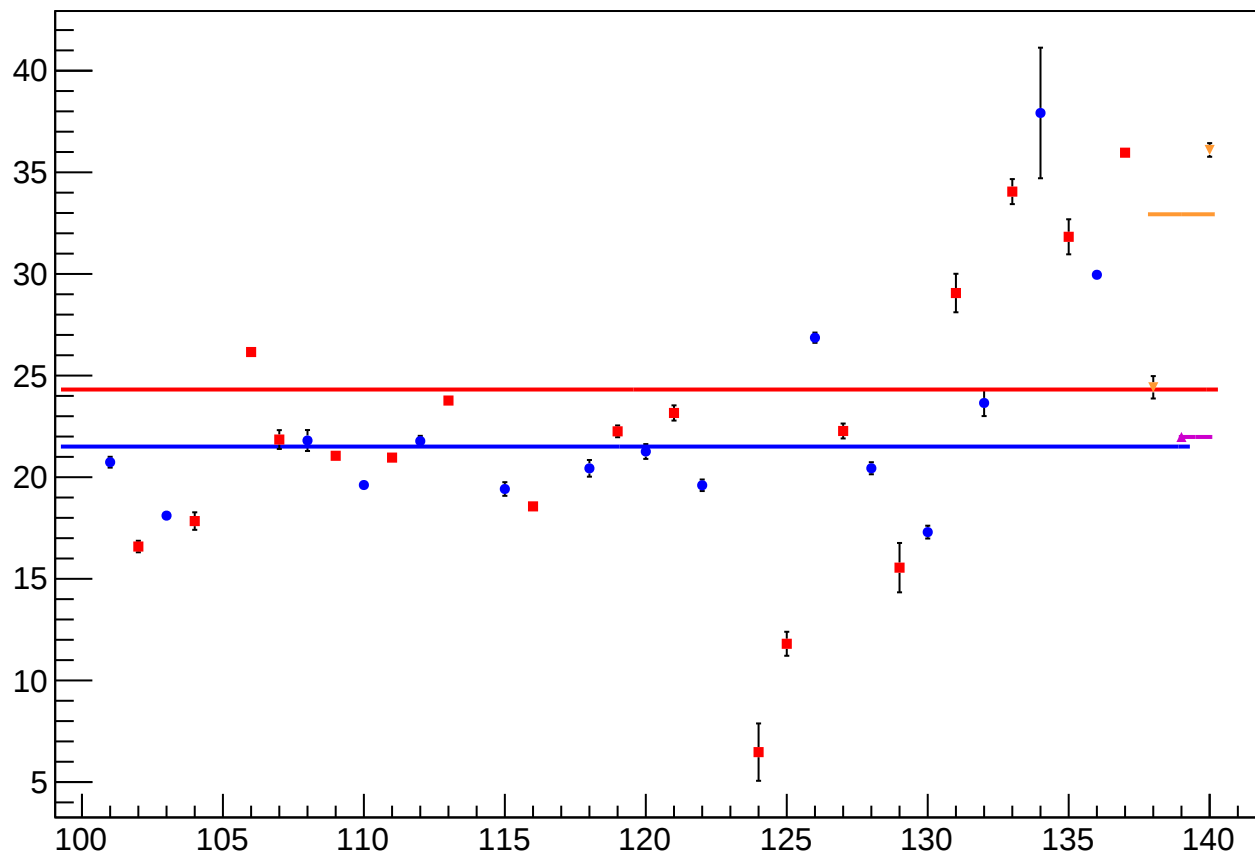
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 92.122 ± 0.026 $\chi^2/\text{NDF}: 3176393.6/15$

Out: 99.247 ± 0.027 $\chi^2/\text{NDF}: 3090864.4/19$

All: 95.551 ± 0.019 $\chi^2/\text{NDF}: 6302317.8/35$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.936 $\pm$ 0.287 χ^2 /NDF:327.2/1

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 21.980 $\pm$ 0.208 χ^2 /NDF:0.0/0

Left: 25.744 $\pm$ 0.168 χ^2 /NDF: 1284.3/2

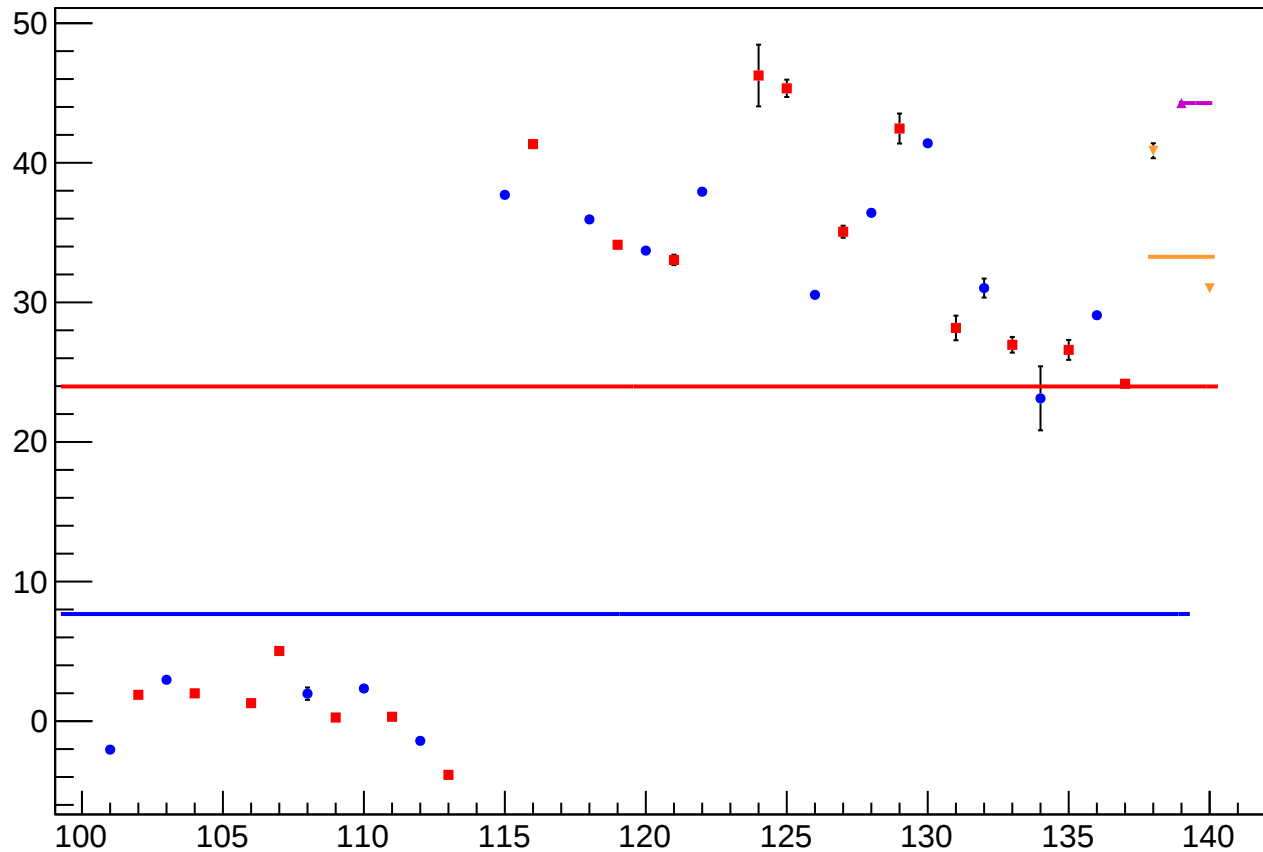
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 21.558 $\pm$ 0.068 χ^2 /NDF:2967.6/15

Out: 24.658 $\pm$ 0.057 χ^2 /NDF:15489.7/19

All: 23.377 $\pm$ 0.044 χ^2 /NDF: 19666.0/35

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 33.267+/-0.256 χ^2/NDF :261.0/1

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 44.279+/-0.173 χ^2/NDF :0.0/0

Left: 40.815+/-0.144 χ^2/NDF : 1528.1/2

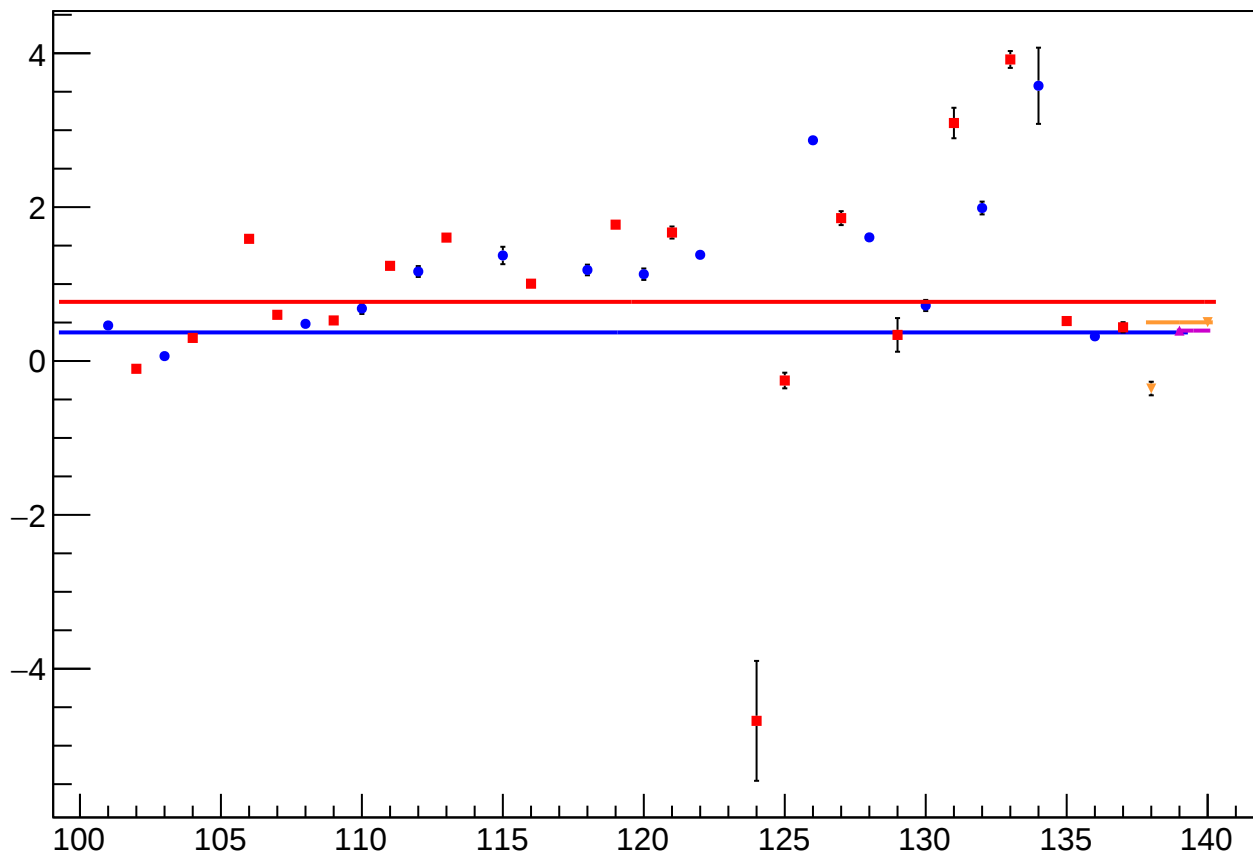
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 10.005+/-0.044 χ^2/NDF :138121.8/15

Out: 23.987+/-0.008 χ^2/NDF :112139.0/19

All: 23.515+/-0.008 χ^2/NDF : 348853.3/35

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.503 ± 0.005 χ^2/NDF : 95.2/1

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.395 ± 0.005 χ^2/NDF : 0.0/0

Left: 0.451 ± 0.003 χ^2/NDF : 343.4/2

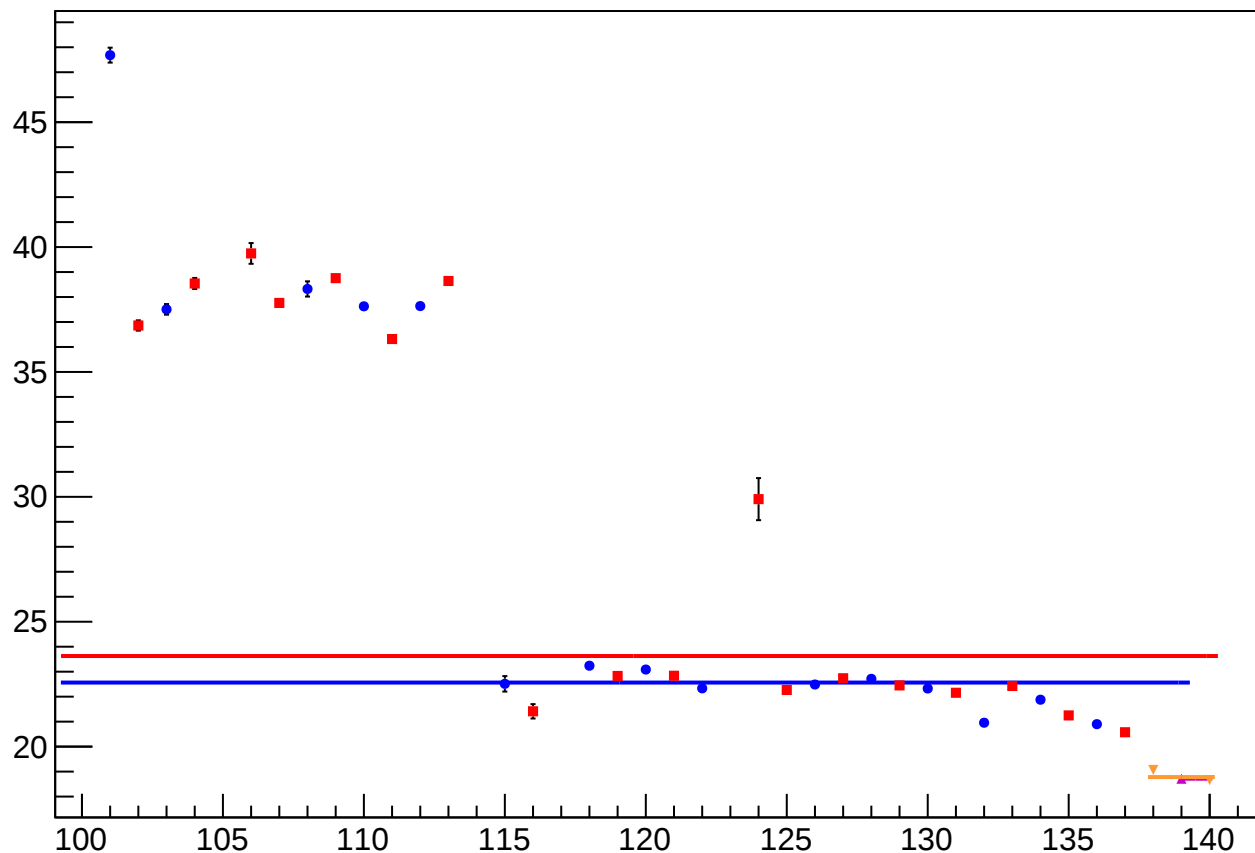
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.382 ± 0.003 χ^2/NDF : 4761.6/15

Out: 0.586 ± 0.004 χ^2/NDF : 5243.0/19

All: 0.466 ± 0.003 χ^2/NDF : 11623.6/35

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 18.781+/-0.022 χ^2/NDF : 71.0/1

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 18.715+/-0.030 χ^2/NDF : 0.0/0

Left: 18.757+/-0.018 χ^2/NDF : 74.2/2

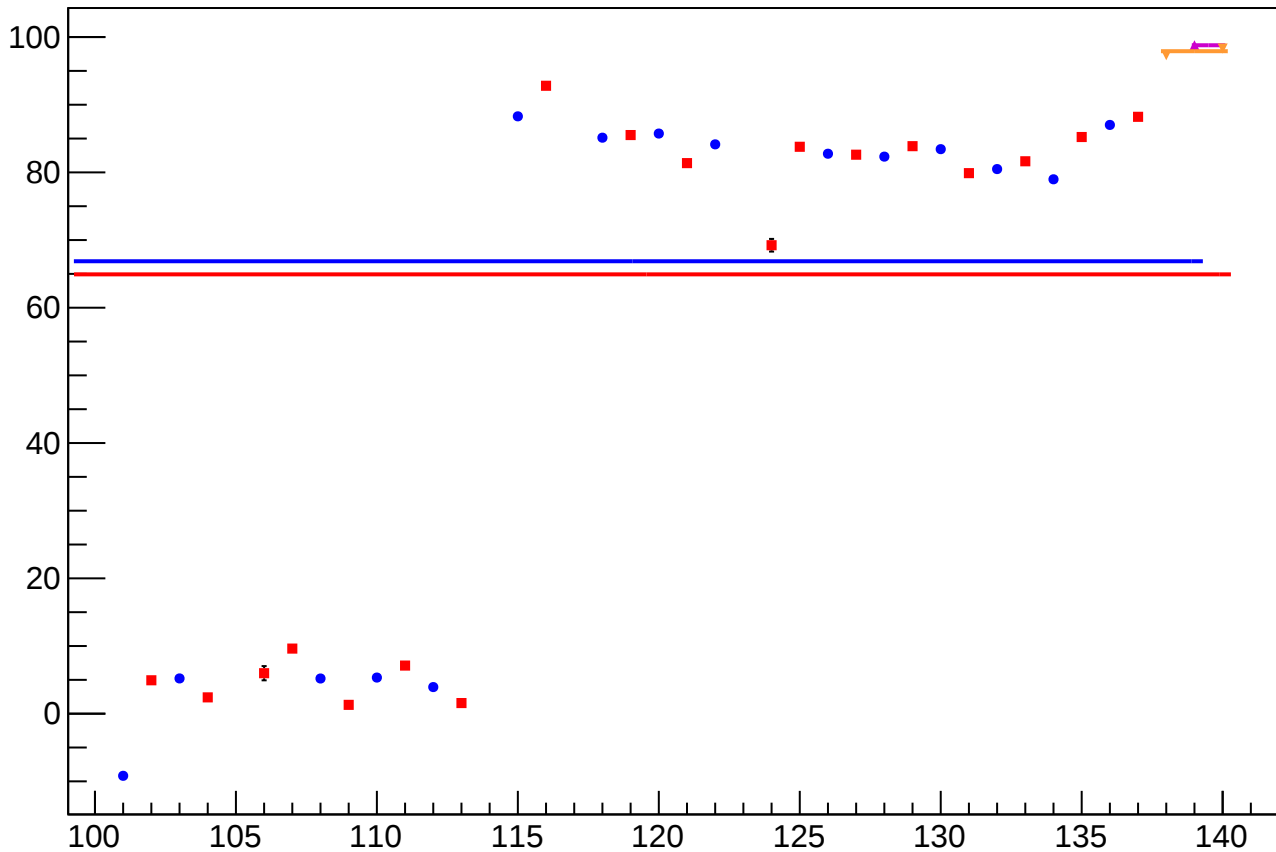
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 22.161+/-0.010 χ^2/NDF : 107870.7/15

Out: 22.640+/-0.010 χ^2/NDF : 161253.5/19

All: 22.391+/-0.007 χ^2/NDF : 270311.3/35

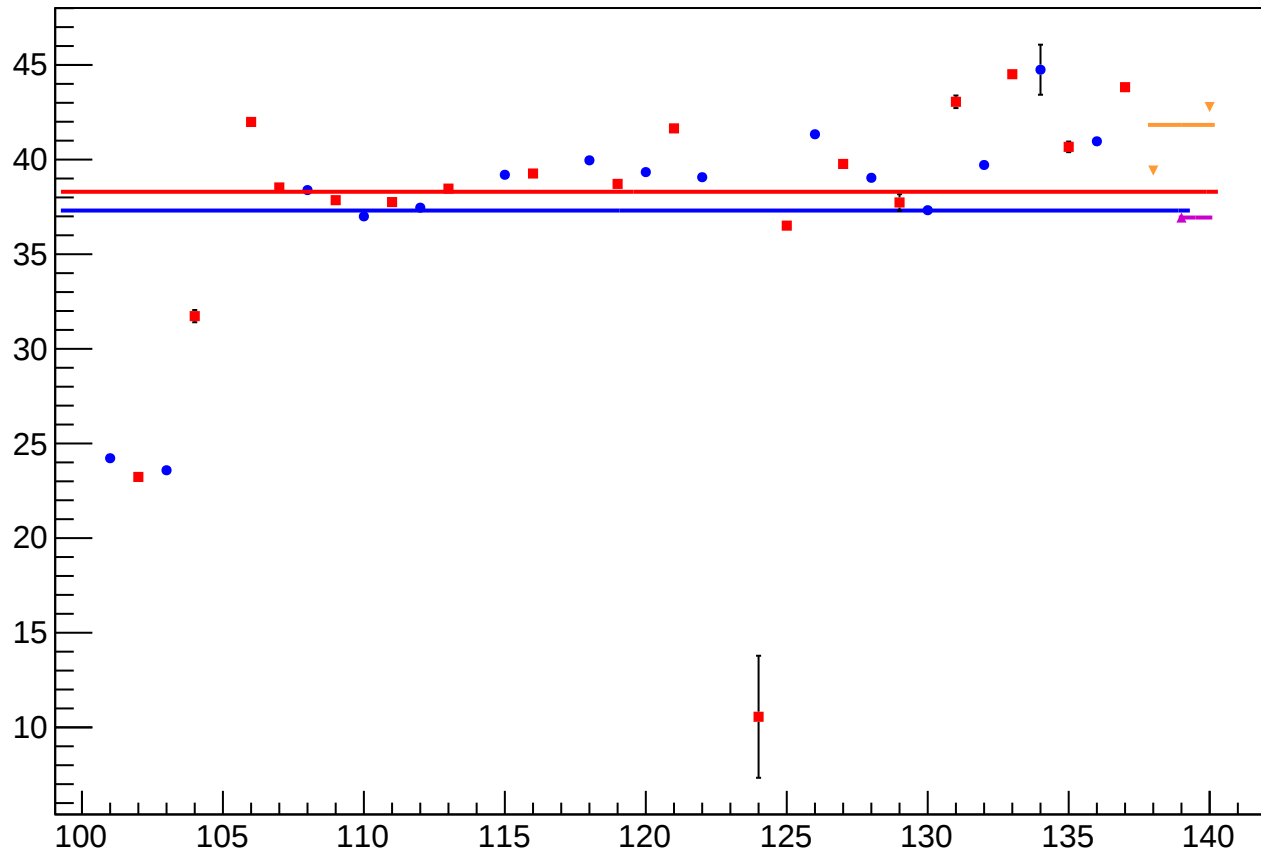
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14
 Left Out: 97.911+/-0.042 χ^2/NDF :134.9/1
 Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17
 Left In: 98.789+/-0.086 χ^2/NDF :0.0/0

Left: 98.080+/-0.038 χ^2/NDF : 219.4/2
 Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32
 In: 69.750+/-0.026 χ^2/NDF :1619907.3/15
 Out: 75.937+/-0.024 χ^2/NDF :1745567.5/19
 All: 73.034+/-0.018 χ^2/NDF : 3395987.0/35

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308+/-0.023 χ^2/NDF : 59580.0/14

Left Out: 41.833+/-0.127 χ^2/NDF : 141.8/1

Right Out: 38.300+/-0.021 χ^2/NDF : 18840.0/17

Left In: 36.938+/-0.069 χ^2/NDF : 0.0/0

Left: 38.058+/-0.061 χ^2/NDF : 1293.3/2

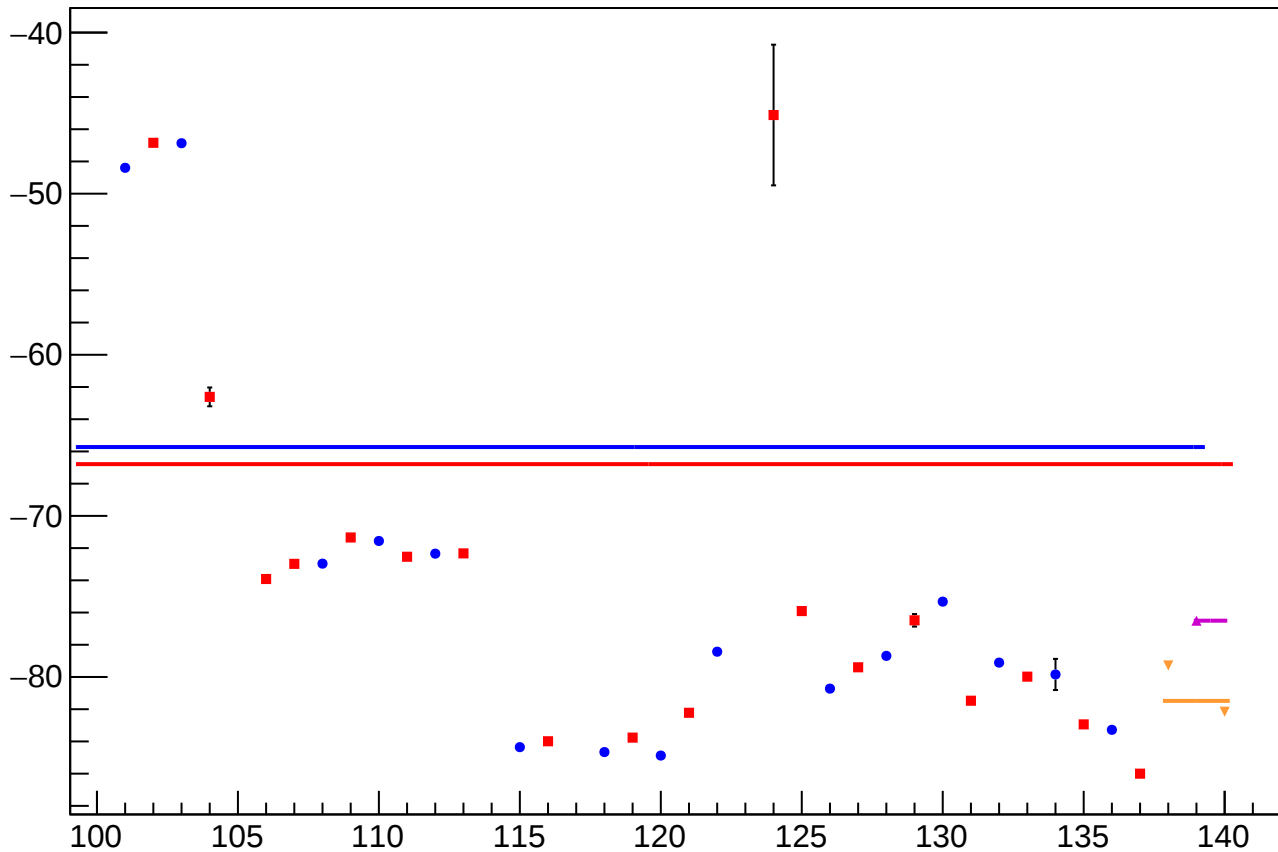
Right: 37.862+/-0.015 χ^2/NDF : 79451.9/32

In: 37.271+/-0.022 χ^2/NDF : 59605.8/15

Out: 38.390+/-0.020 χ^2/NDF : 19740.0/19

All: 37.874+/-0.015 χ^2/NDF : 80755.1/35

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.484 ± 0.106 $\chi^2/\text{NDF}: 131.7/1$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.505 ± 0.054 $\chi^2/\text{NDF}: 0.0/0$

Left: -77.525 ± 0.048 $\chi^2/\text{NDF}: 1885.5/2$

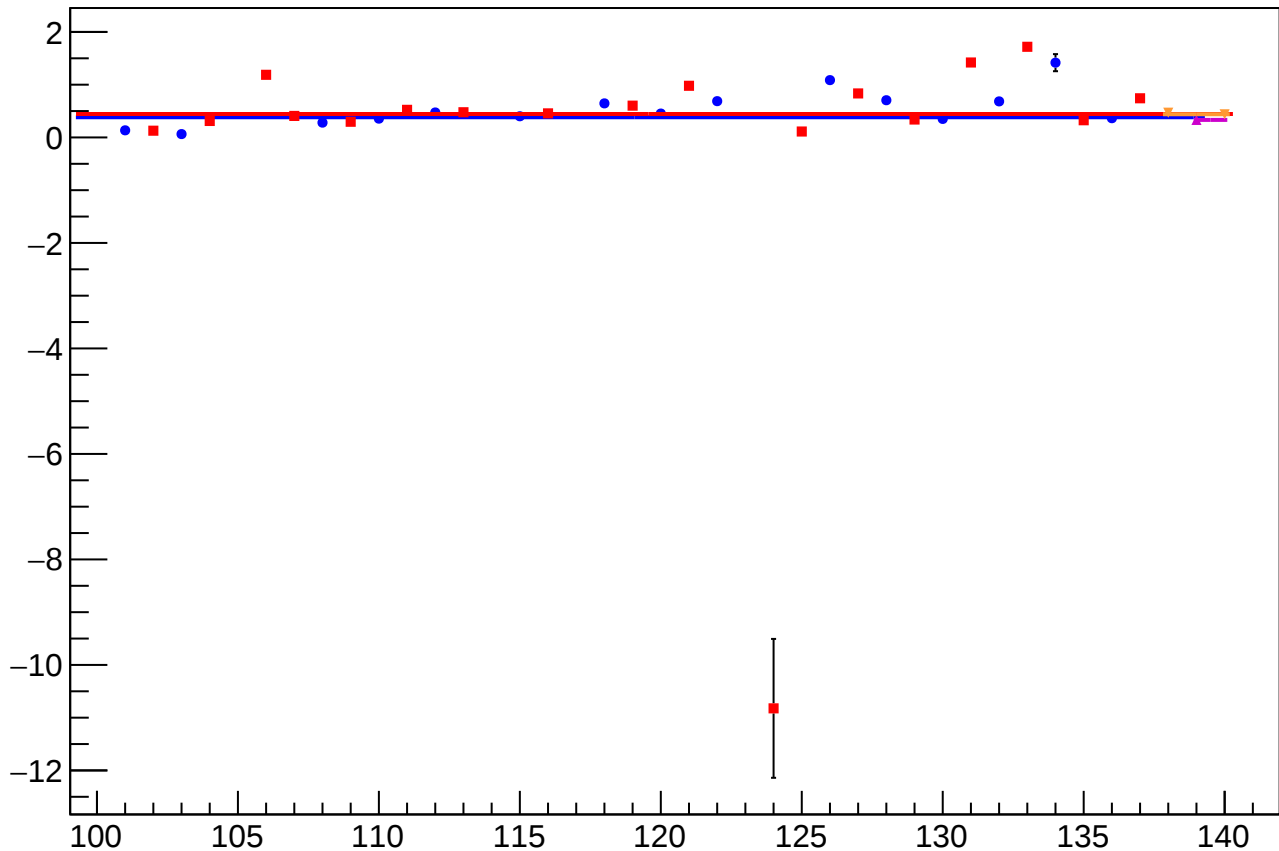
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -66.690 ± 0.016 $\chi^2/\text{NDF}: 939586.5/15$

Out: -67.108 ± 0.016 $\chi^2/\text{NDF}: 828286.4/19$

All: -66.905 ± 0.011 $\chi^2/\text{NDF}: 1768220.0/35$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.439 $\pm$ 0.003 χ^2 /NDF:4.5/1

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.332 $\pm$ 0.002 χ^2 /NDF:0.0/0

Left: 0.379 $\pm$ 0.002 χ^2 /NDF: 886.0/2

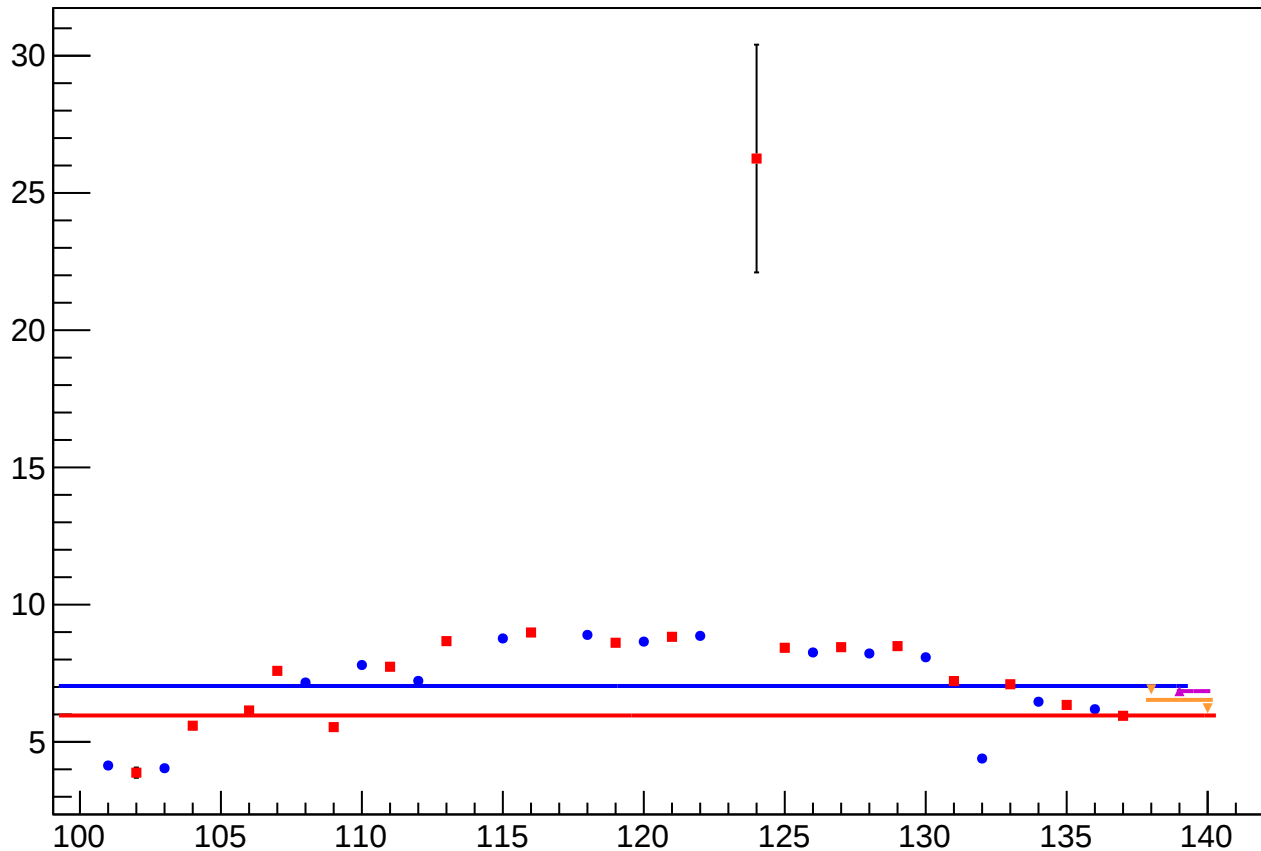
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.363 $\pm$ 0.001 χ^2 /NDF:8448.8/15

Out: 0.441 $\pm$ 0.002 χ^2 /NDF:2791.8/19

All: 0.388 $\pm$ 0.001 χ^2 /NDF: 12113.9/35

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.530+/-0.008 χ^2/NDF :2038.6/1

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.849+/-0.009 χ^2/NDF :0.0/0

Left: 6.657+/-0.006 χ^2/NDF : 2739.5/2

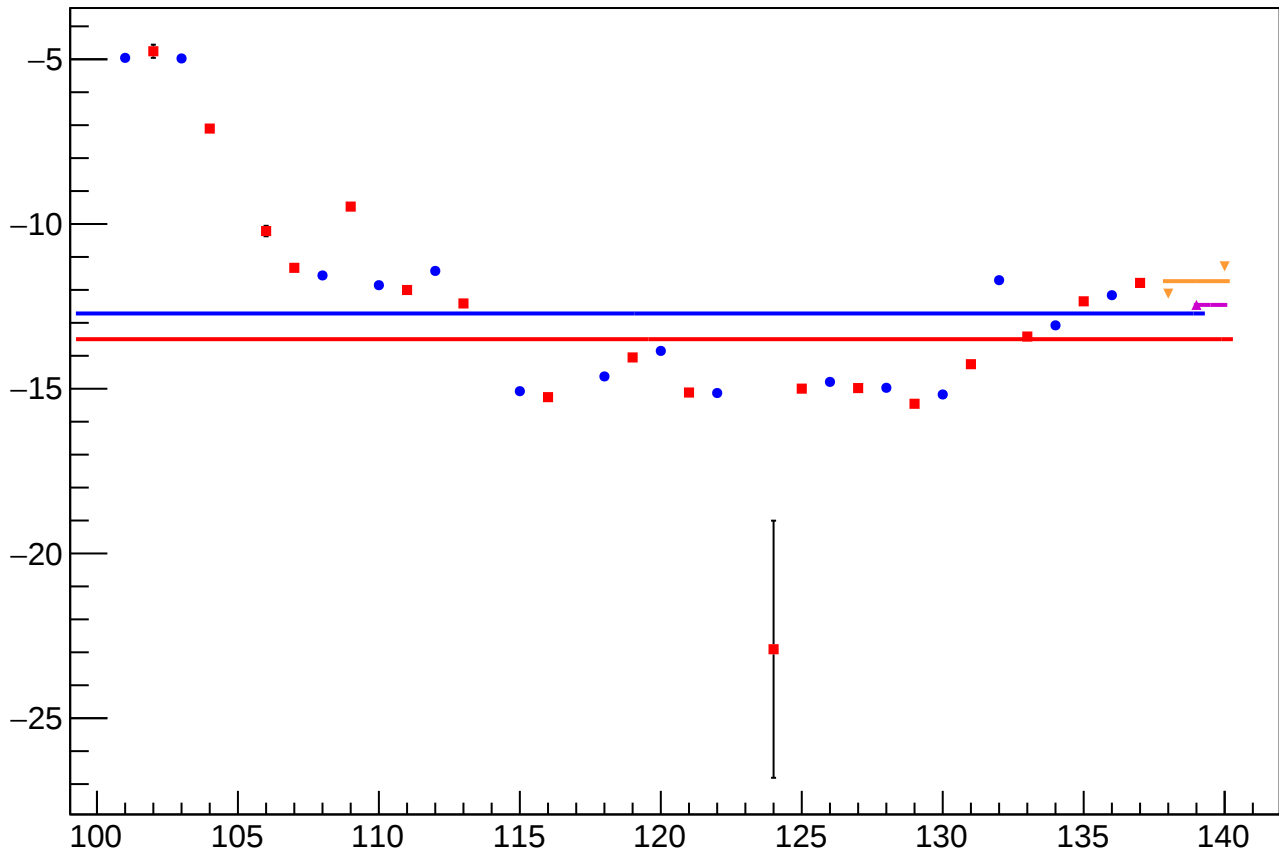
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 7.001+/-0.004 χ^2/NDF :70229.8/15

Out: 5.963+/-0.000 χ^2/NDF :176010.6/19

All: 5.974+/-0.000 χ^2/NDF : 310527.4/35

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.734 ± 0.009 $\chi^2/\text{NDF}: 2126.1/1$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -12.455 ± 0.018 $\chi^2/\text{NDF}: 0.0/0$

Left: -11.879 ± 0.008 $\chi^2/\text{NDF}: 3428.0/2$

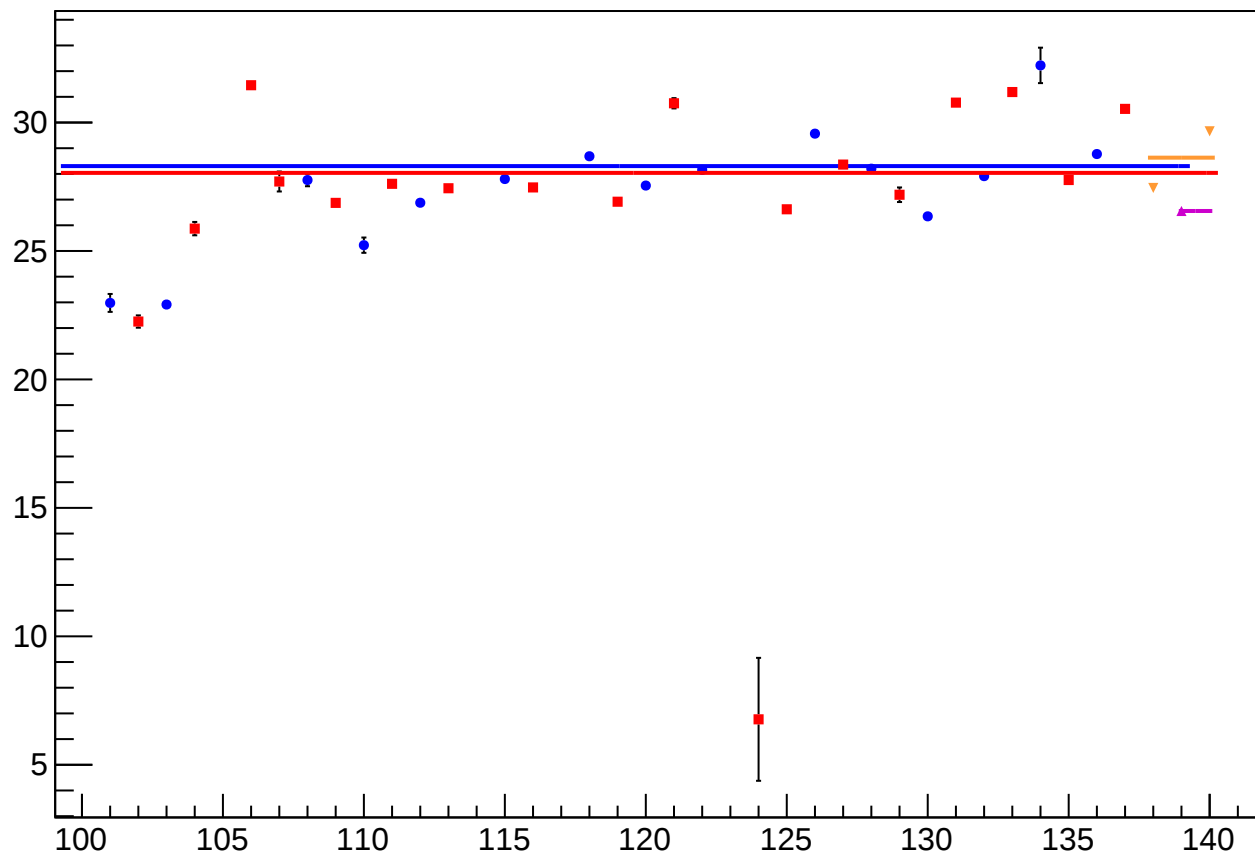
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.686 ± 0.006 $\chi^2/\text{NDF}: 85407.4/15$

Out: -12.974 ± 0.005 $\chi^2/\text{NDF}: 85108.9/19$

All: -12.860 ± 0.004 $\chi^2/\text{NDF}: 171900.5/35$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/NDF: 3400.0/14$

Left Out: 28.632 ± 0.081 $\chi^2/NDF: 183.2/1$

Right Out: 28.040 ± 0.030 $\chi^2/NDF: 2561.5/17$

Left In: 26.557 ± 0.054 $\chi^2/NDF: 0.0/0$

Left: 27.185 ± 0.045 $\chi^2/NDF: 638.5/2$

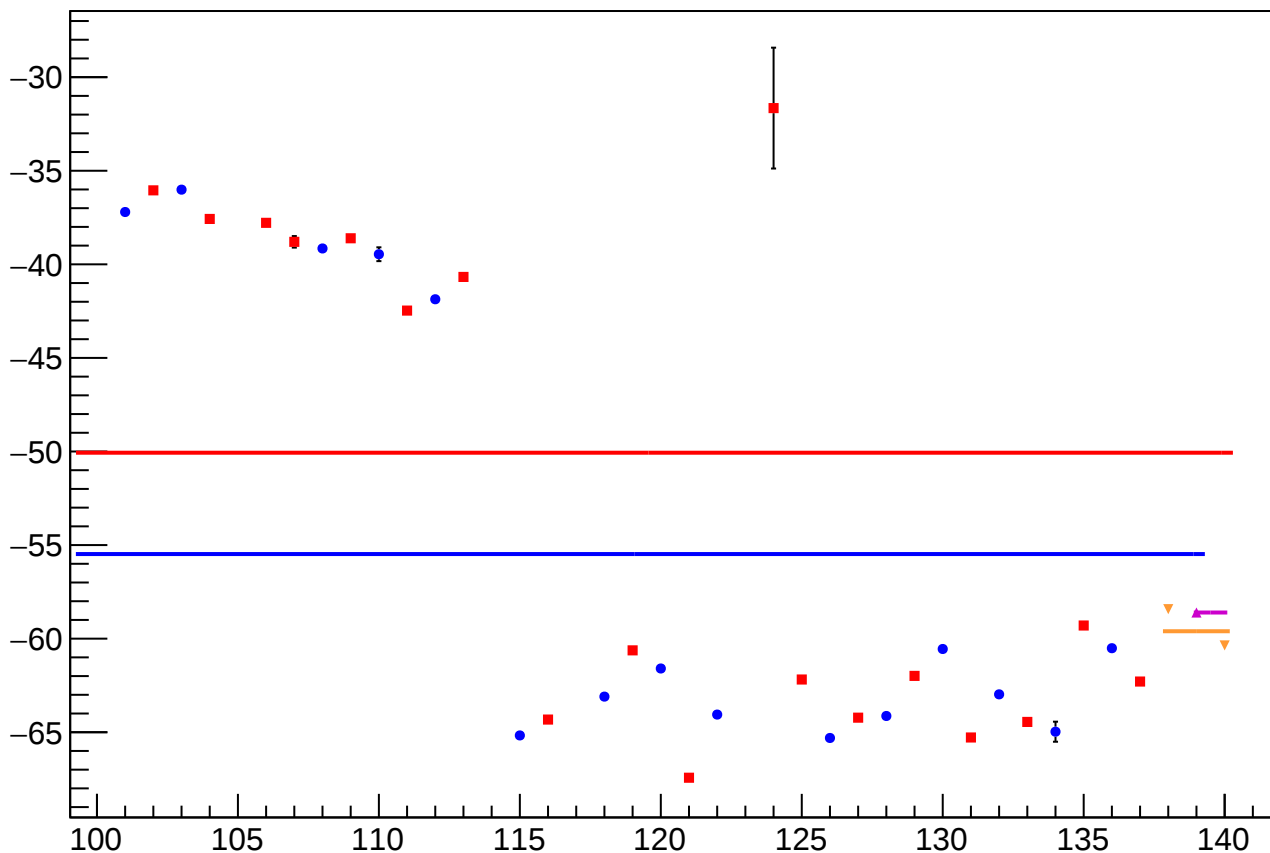
Right: 28.207 ± 0.018 $\chi^2/NDF: 6009.6/32$

In: 28.030 ± 0.021 $\chi^2/NDF: 4298.8/15$

Out: 28.112 ± 0.028 $\chi^2/NDF: 2791.4/19$

All: 28.059 ± 0.017 $\chi^2/NDF: 7095.6/35$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -59.604 ± 0.070 $\chi^2/\text{NDF}: 182.6/1$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -58.603 ± 0.088 $\chi^2/\text{NDF}: 0.0/0$

Left: -59.217 ± 0.055 $\chi^2/\text{NDF}: 261.8/2$

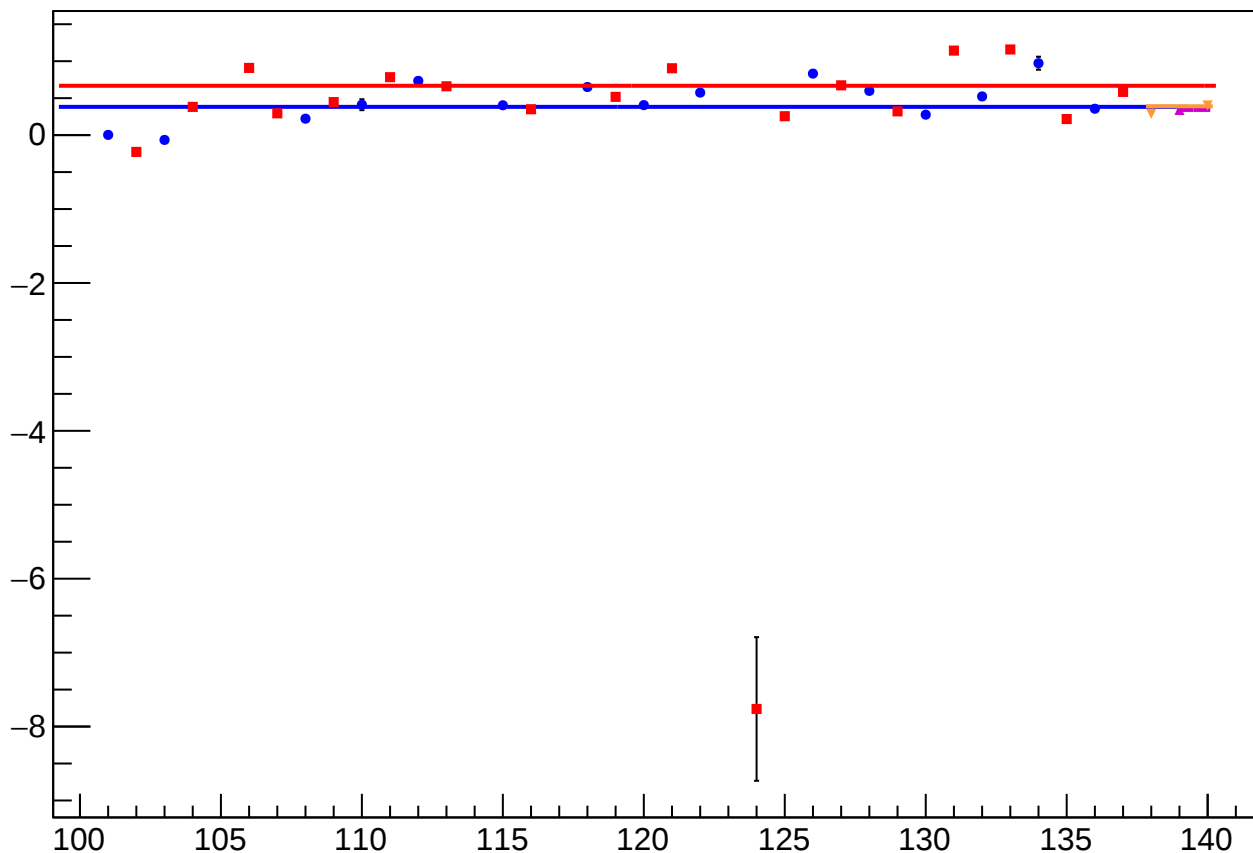
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.586 ± 0.016 $\chi^2/\text{NDF}: 596354.1/15$

Out: -51.005 ± 0.022 $\chi^2/\text{NDF}: 357046.6/19$

All: -53.961 ± 0.013 $\chi^2/\text{NDF}: 981492.8/35$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.390 ± 0.003 χ^2/NDF : 167.7/1

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.341 ± 0.003 χ^2/NDF : 0.0/0

Left: 0.367 ± 0.002 χ^2/NDF : 339.4/2

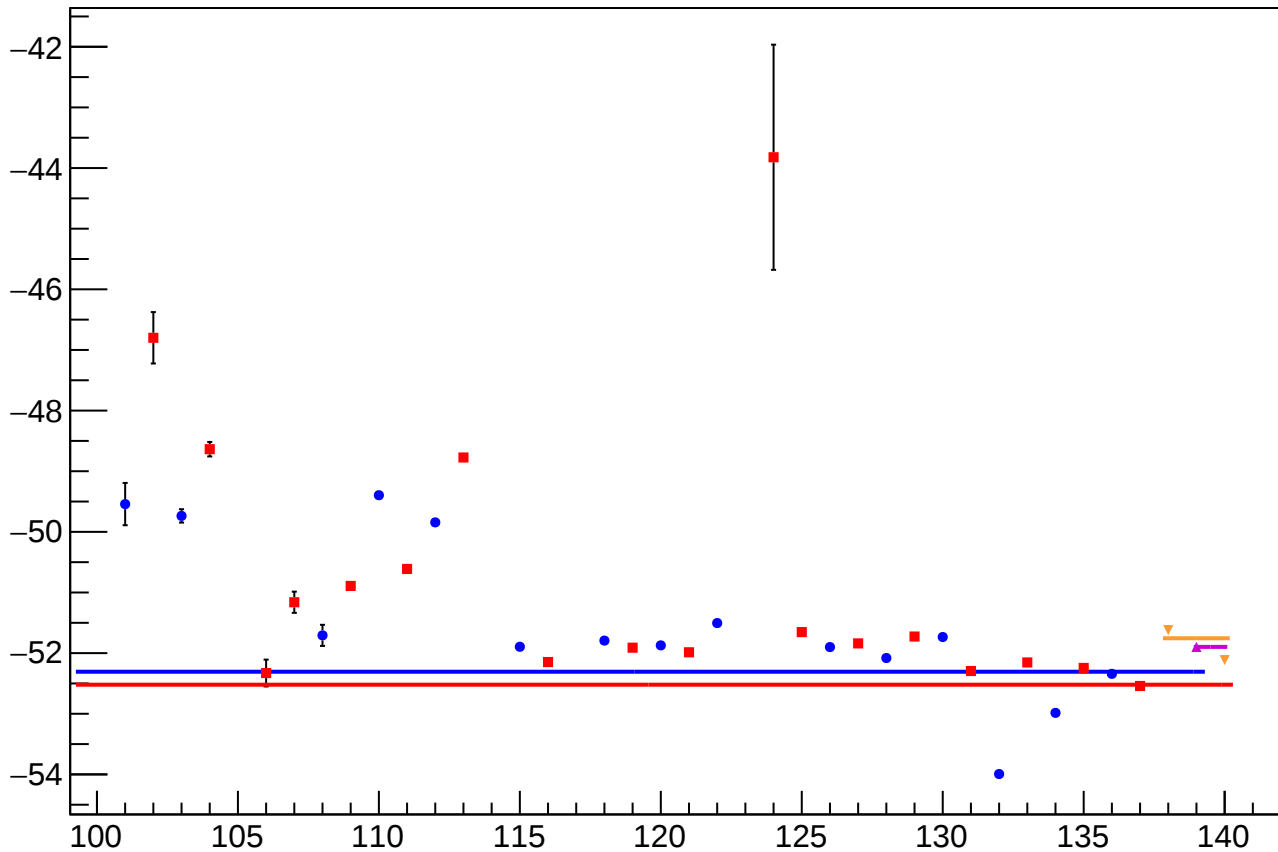
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.372 ± 0.001 χ^2/NDF : 4764.6/15

Out: 0.456 ± 0.002 χ^2/NDF : 6631.8/19

All: 0.395 ± 0.001 χ^2/NDF : 12420.7/35

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -51.755 ± 0.008 $\chi^2/\text{NDF}: 693.0/1$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -51.897 ± 0.012 $\chi^2/\text{NDF}: 0.0/0$

Left: -51.802 ± 0.007 $\chi^2/\text{NDF}: 789.3/2$

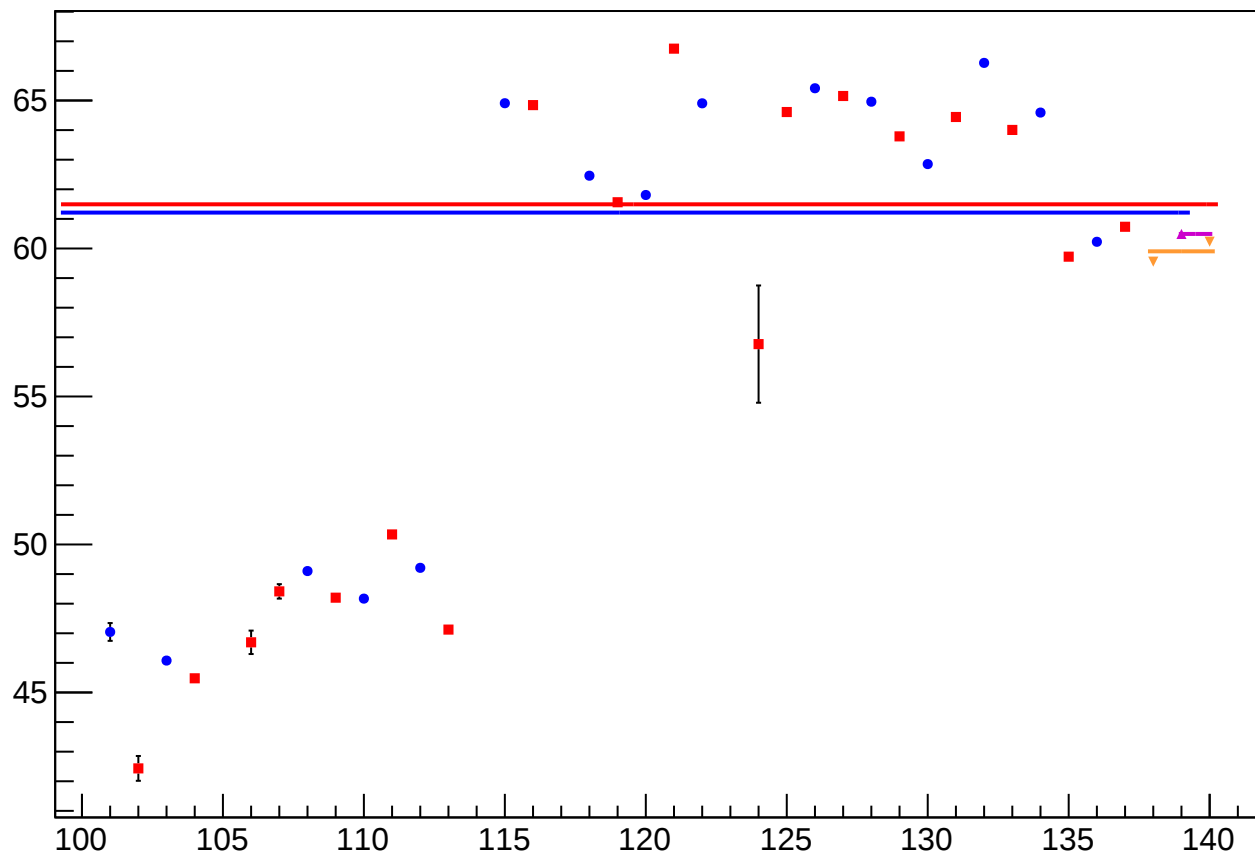
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -52.267 ± 0.004 $\chi^2/\text{NDF}: 26505.2/15$

Out: -52.508 ± 0.001 $\chi^2/\text{NDF}: 23888.4/19$

All: -52.488 ± 0.001 $\chi^2/\text{NDF}: 54304.6/35$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213+/-0.010 χ^2/NDF : 156624.5/14

Left Out: 59.904+/-0.014 χ^2/NDF : 578.5/1

Right Out: 61.493+/-0.007 χ^2/NDF : 243479.8/17

Left In: 60.491+/-0.061 χ^2/NDF : 0.0/0

Left: 59.934+/-0.014 χ^2/NDF : 667.3/2

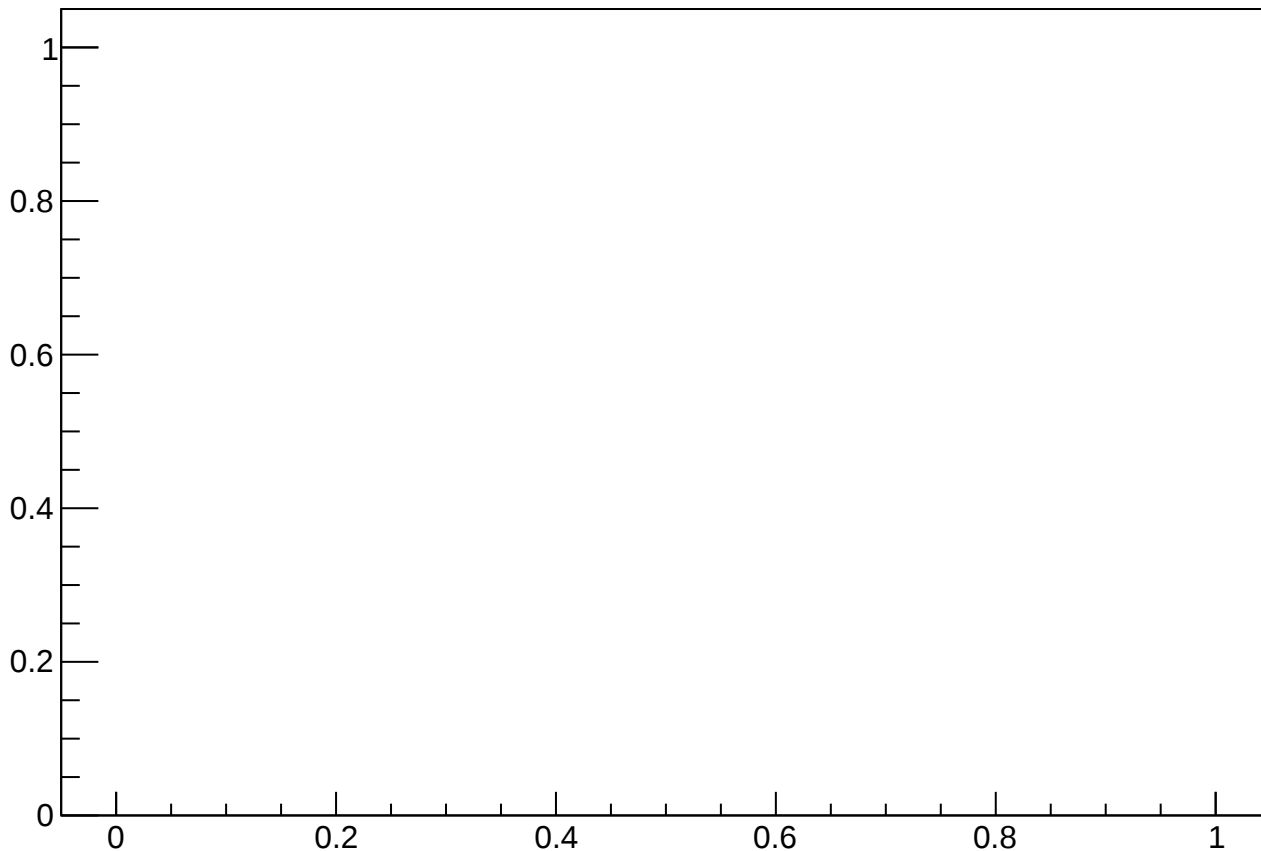
Right: 61.405+/-0.006 χ^2/NDF : 400649.5/32

In: 61.194+/-0.010 χ^2/NDF : 156761.9/15

Out: 61.196+/-0.006 χ^2/NDF : 254494.8/19

All: 61.196+/-0.005 χ^2/NDF : 411256.7/35

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

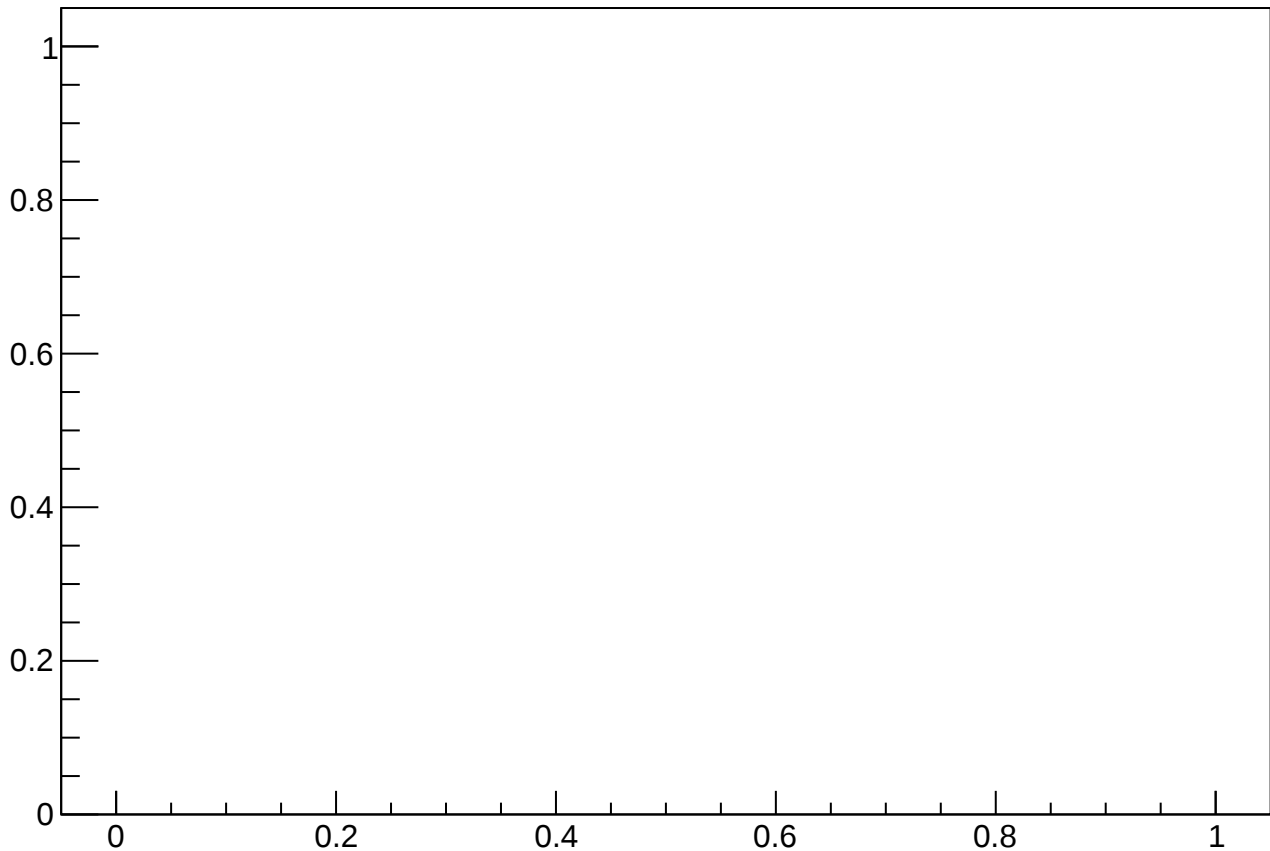
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

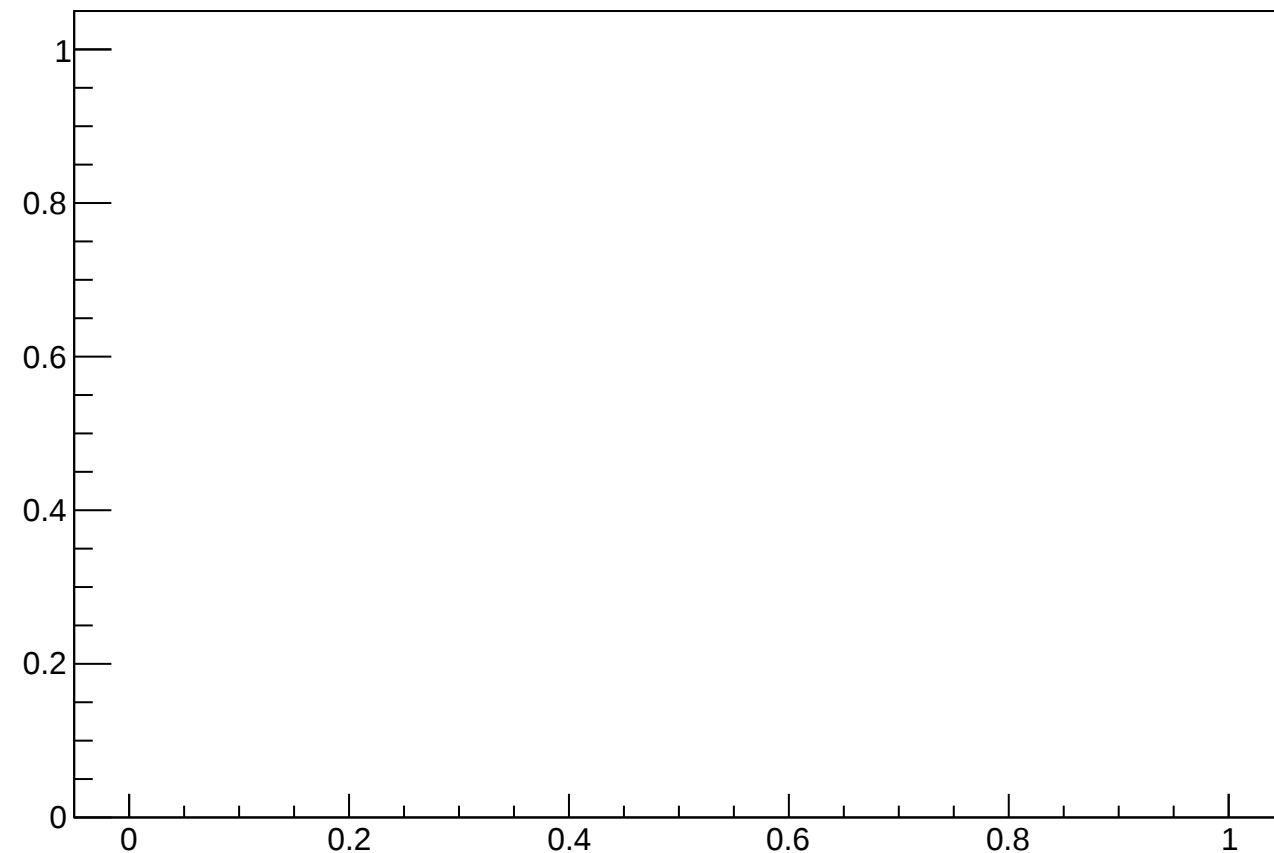
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

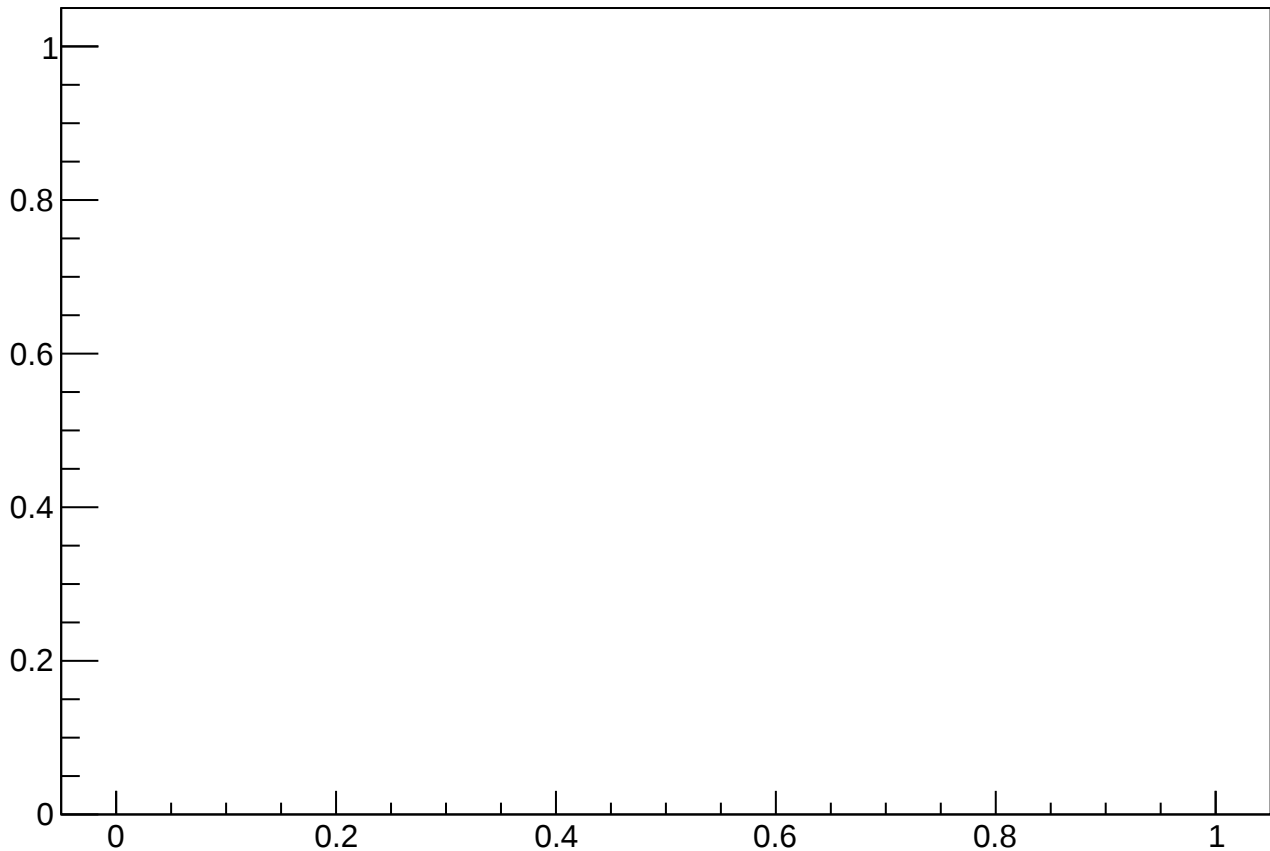
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

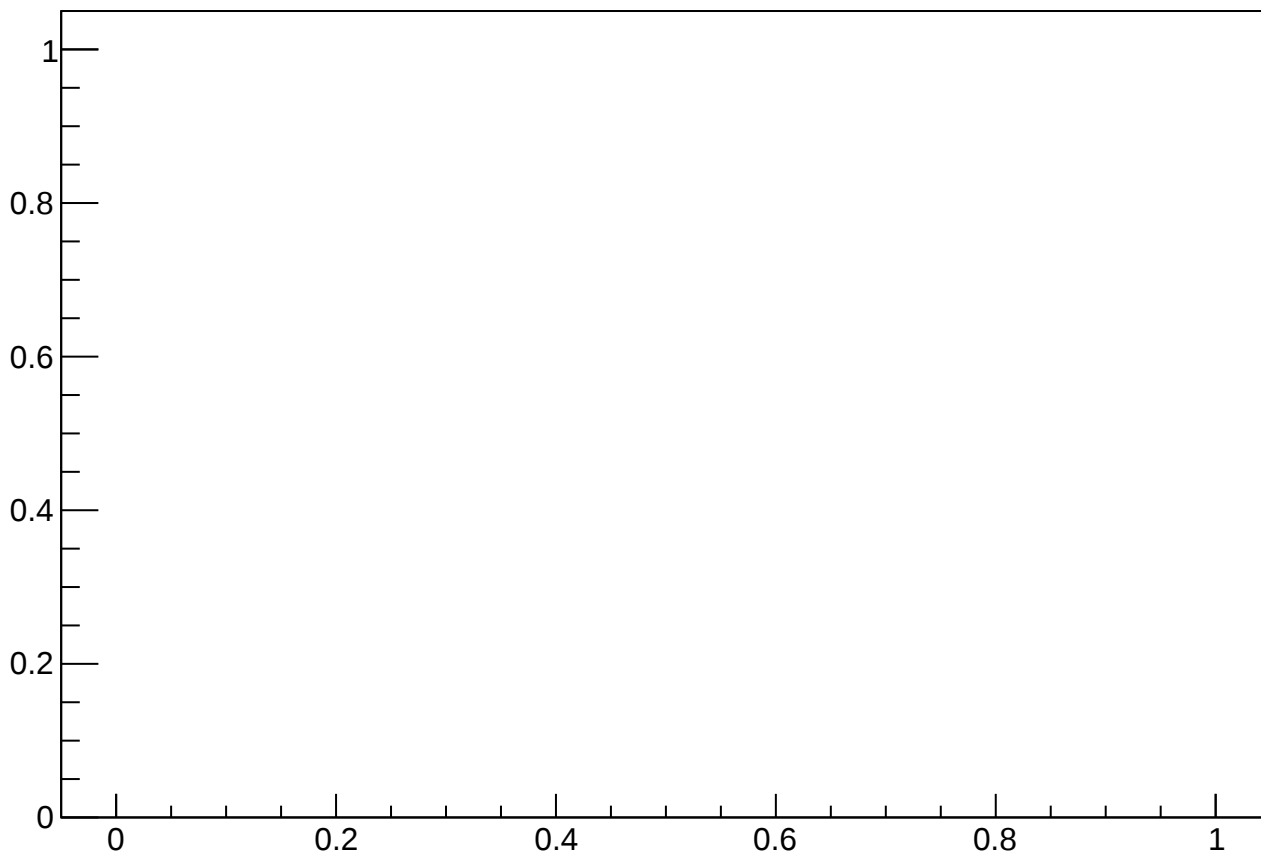
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

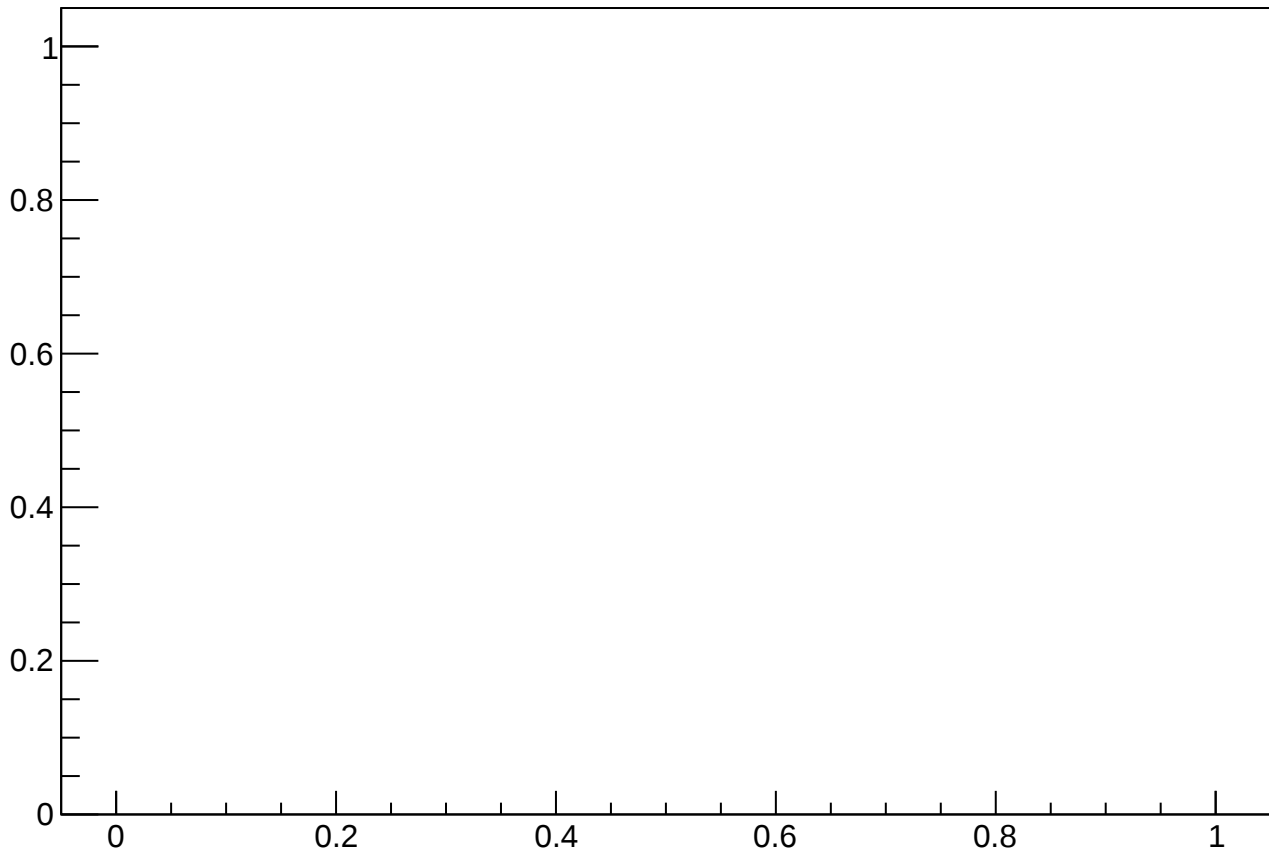
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

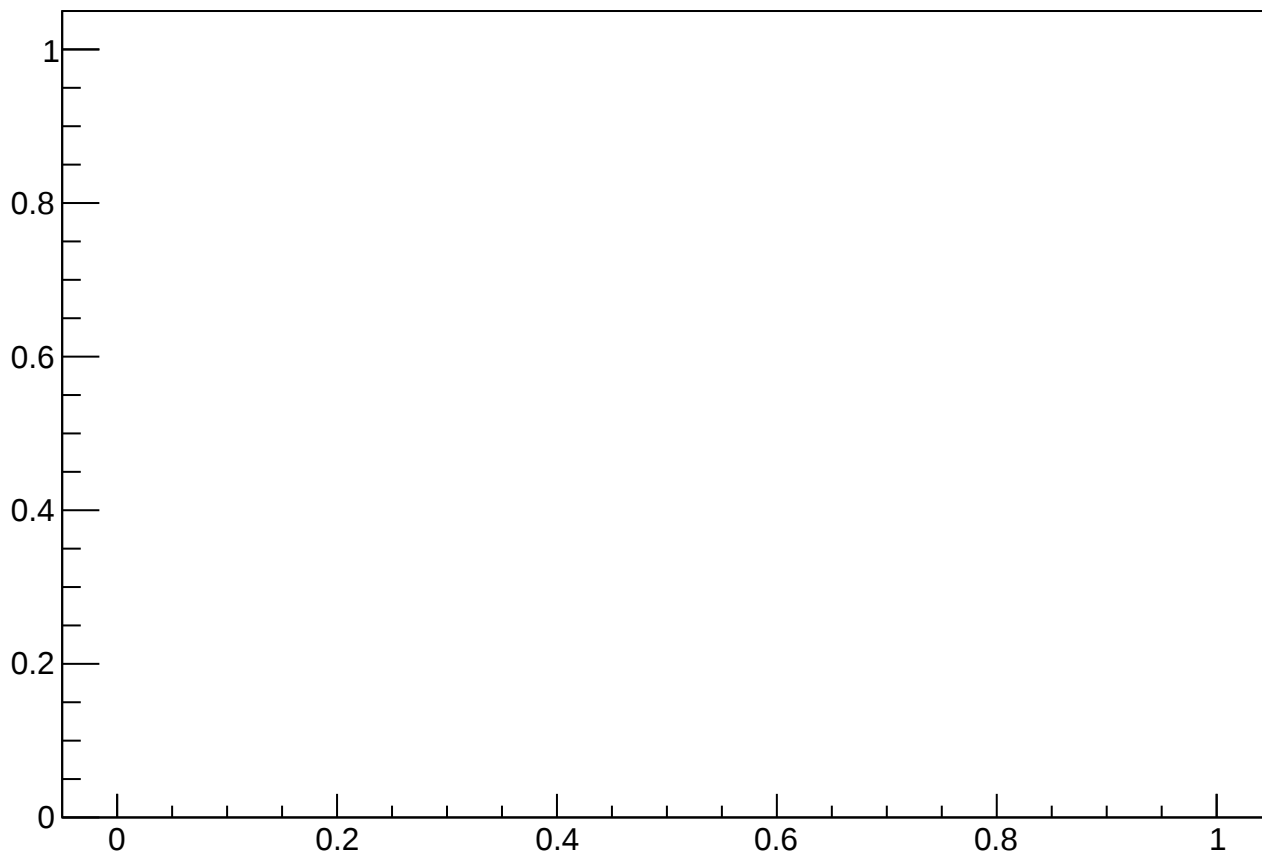
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

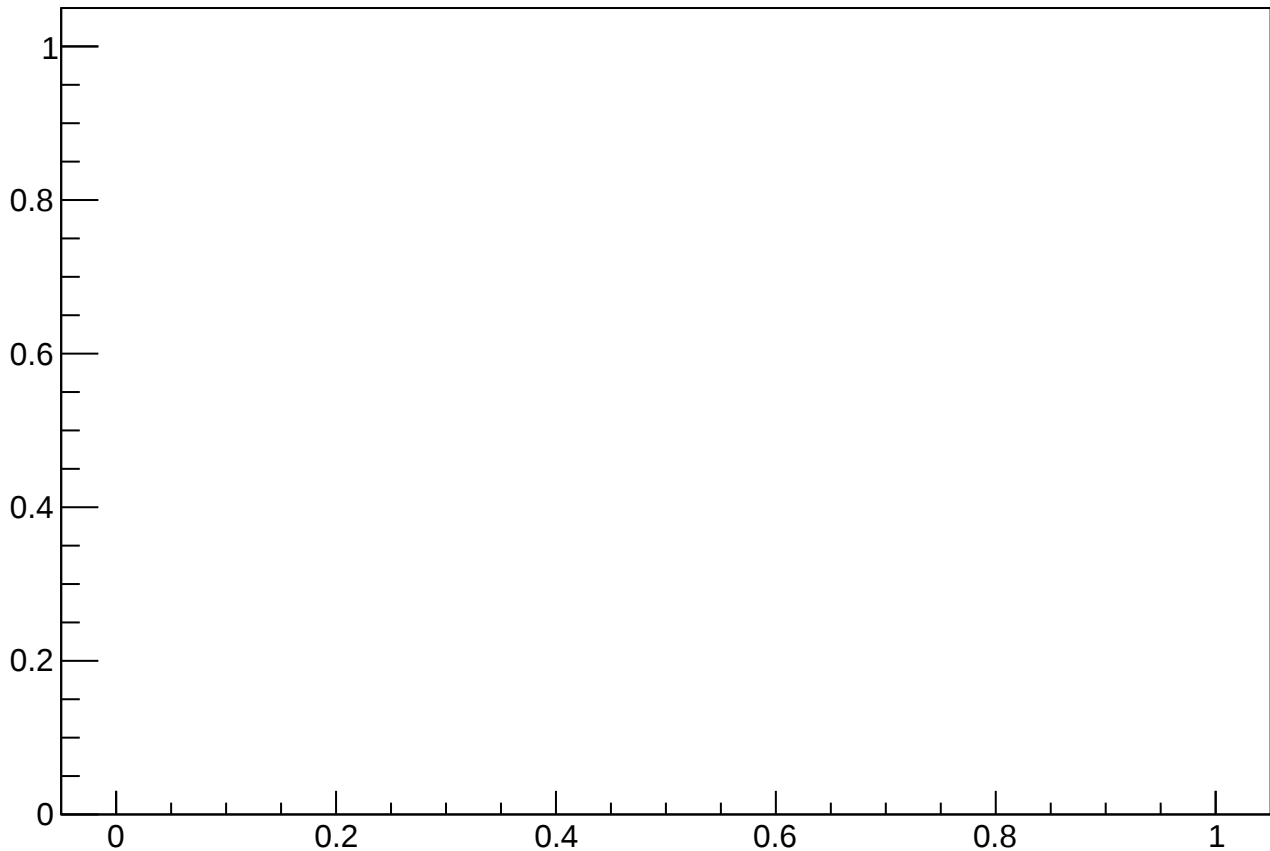
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

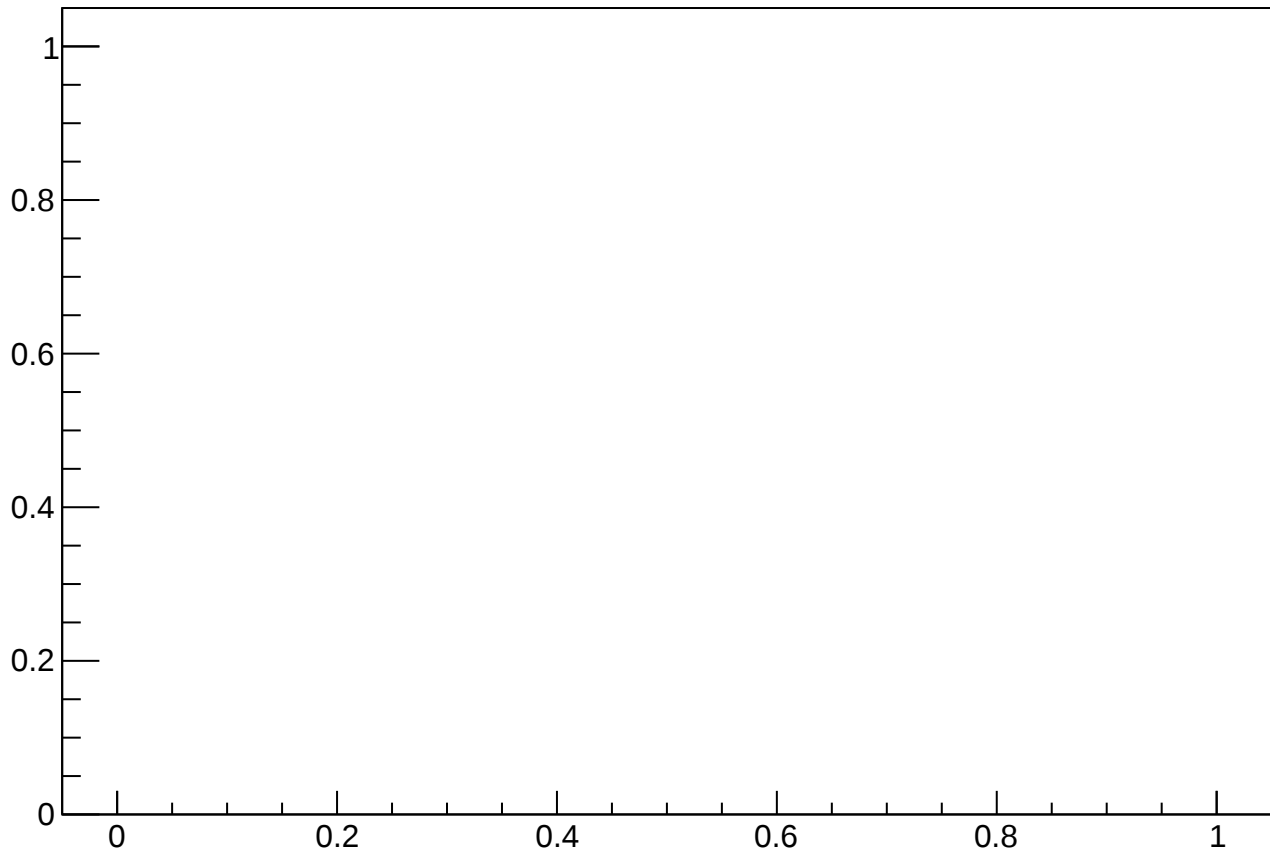
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

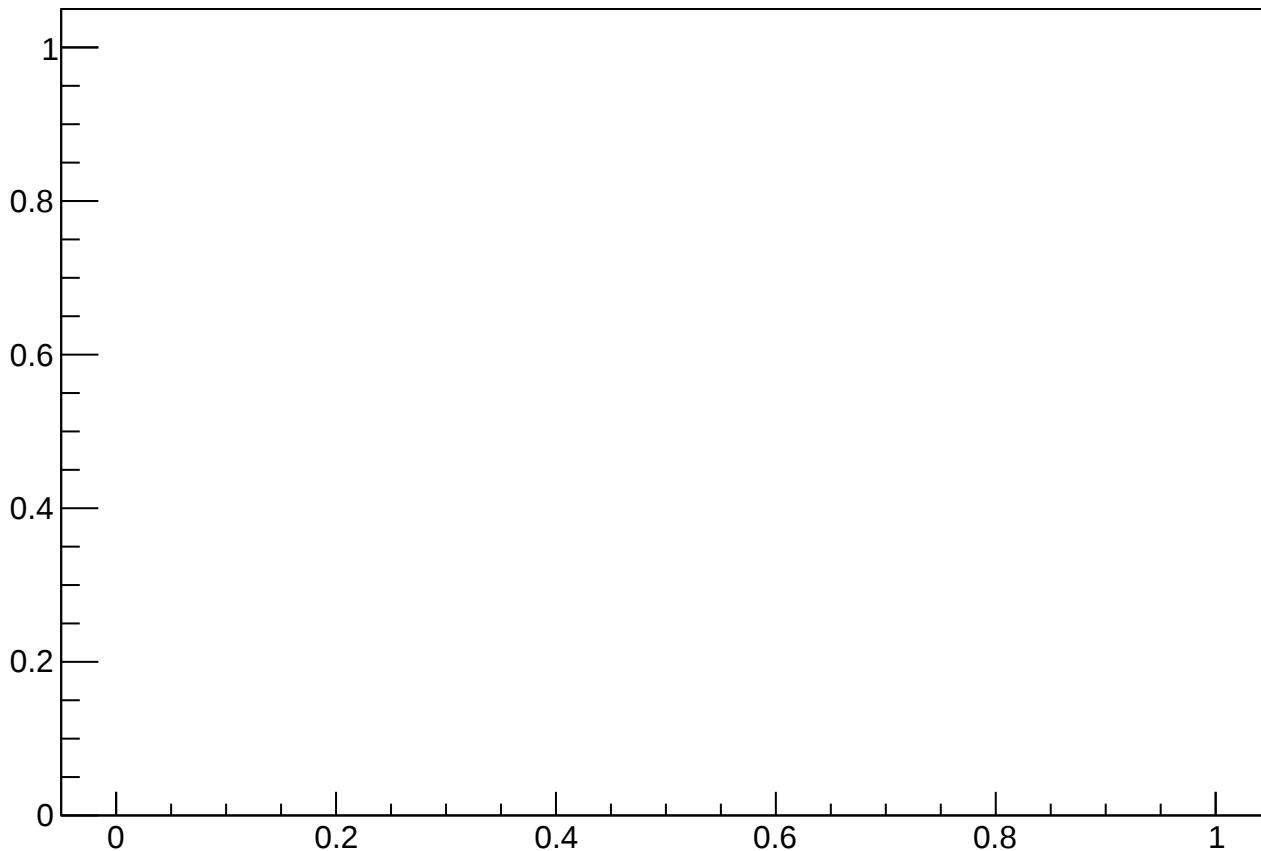
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

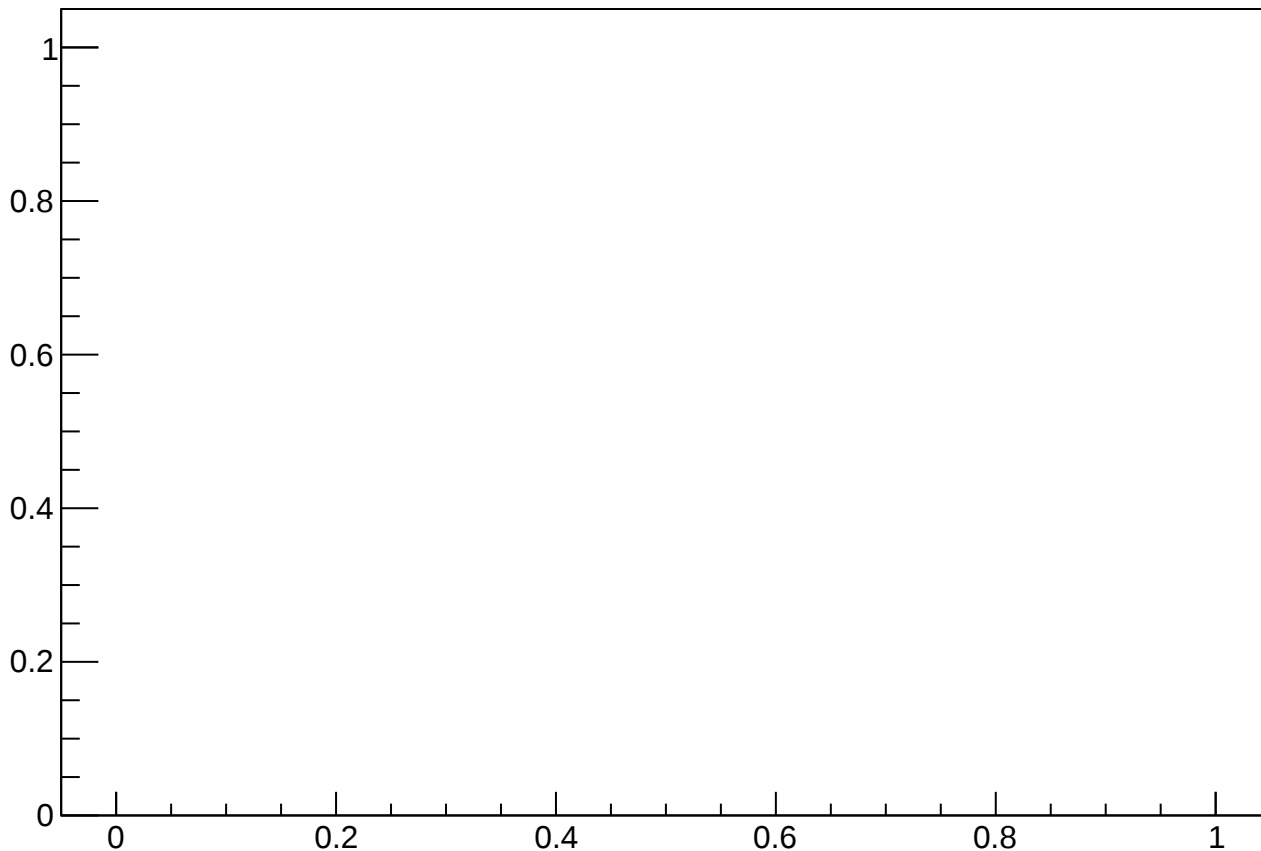
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

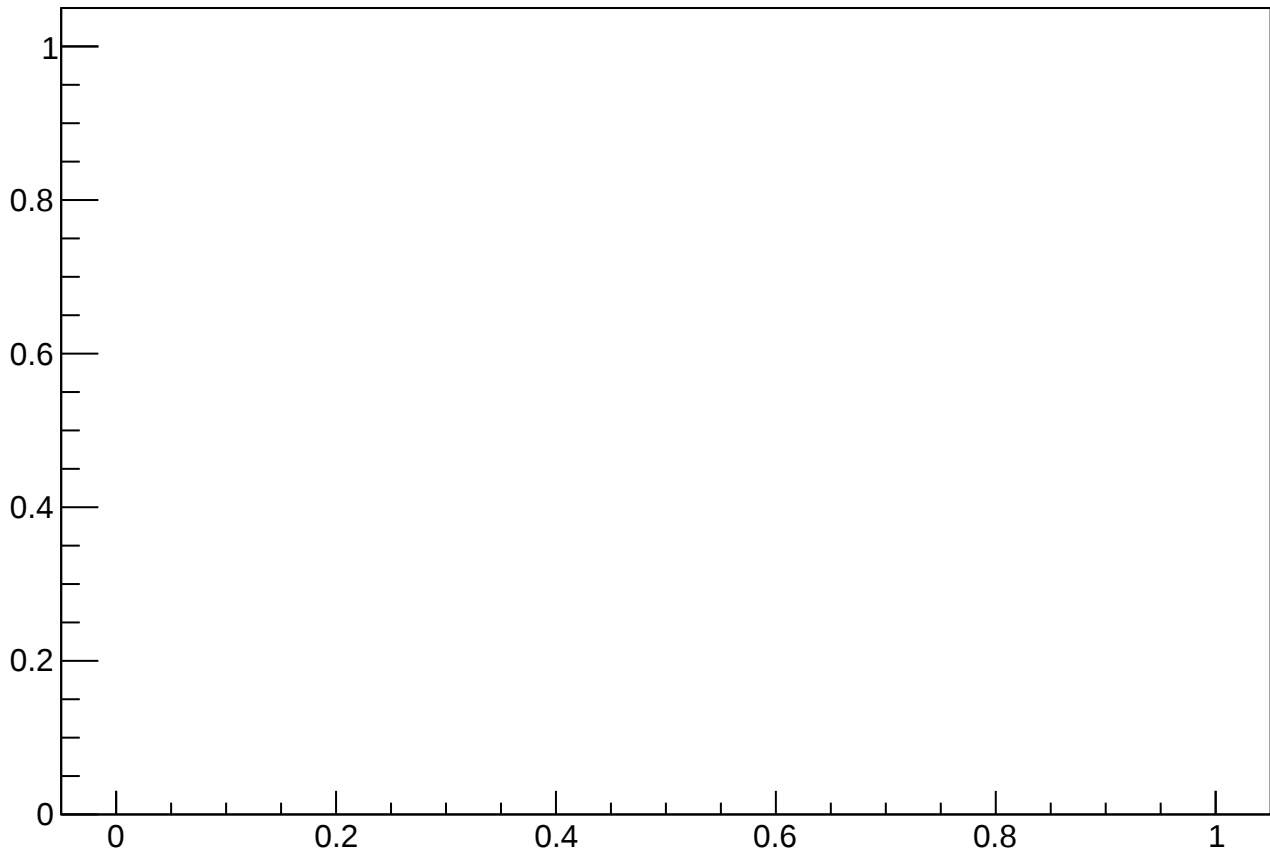
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_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

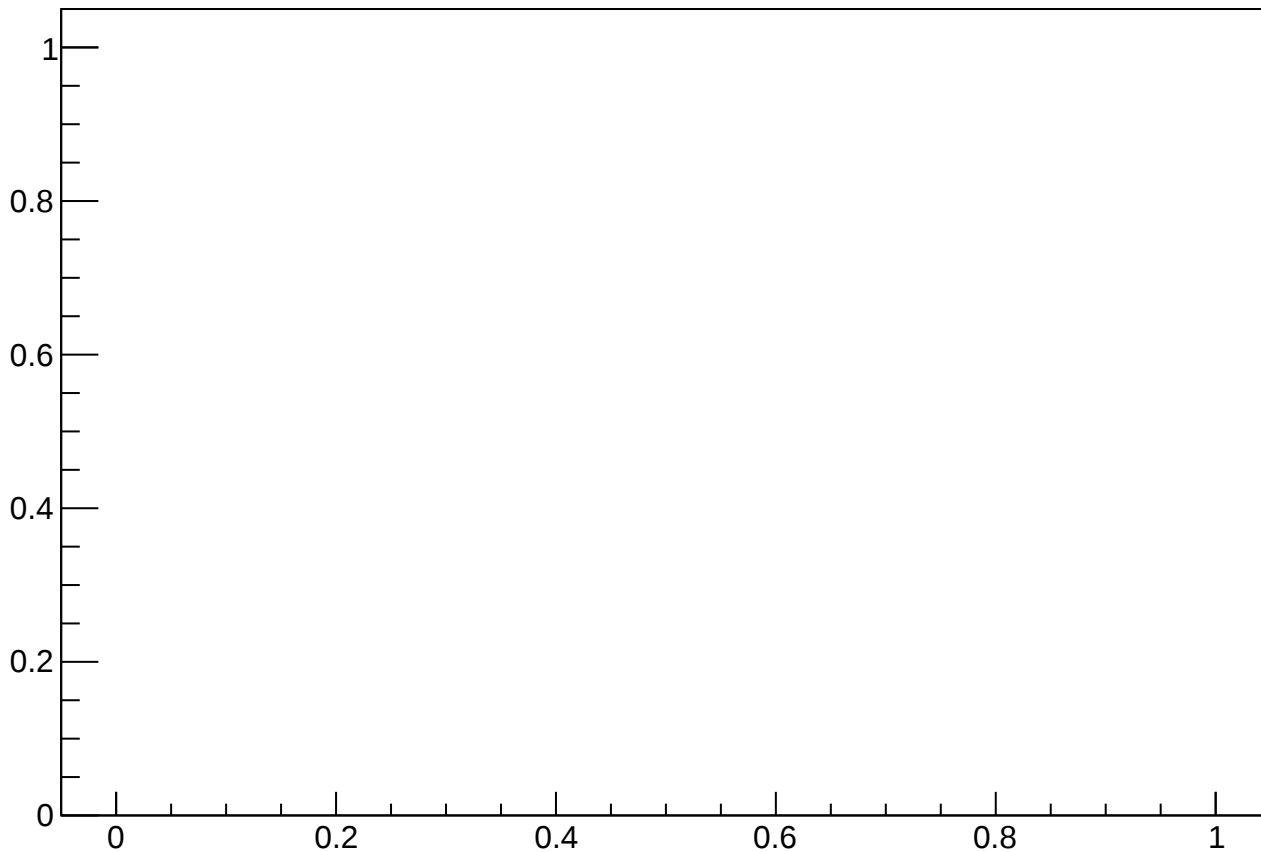
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

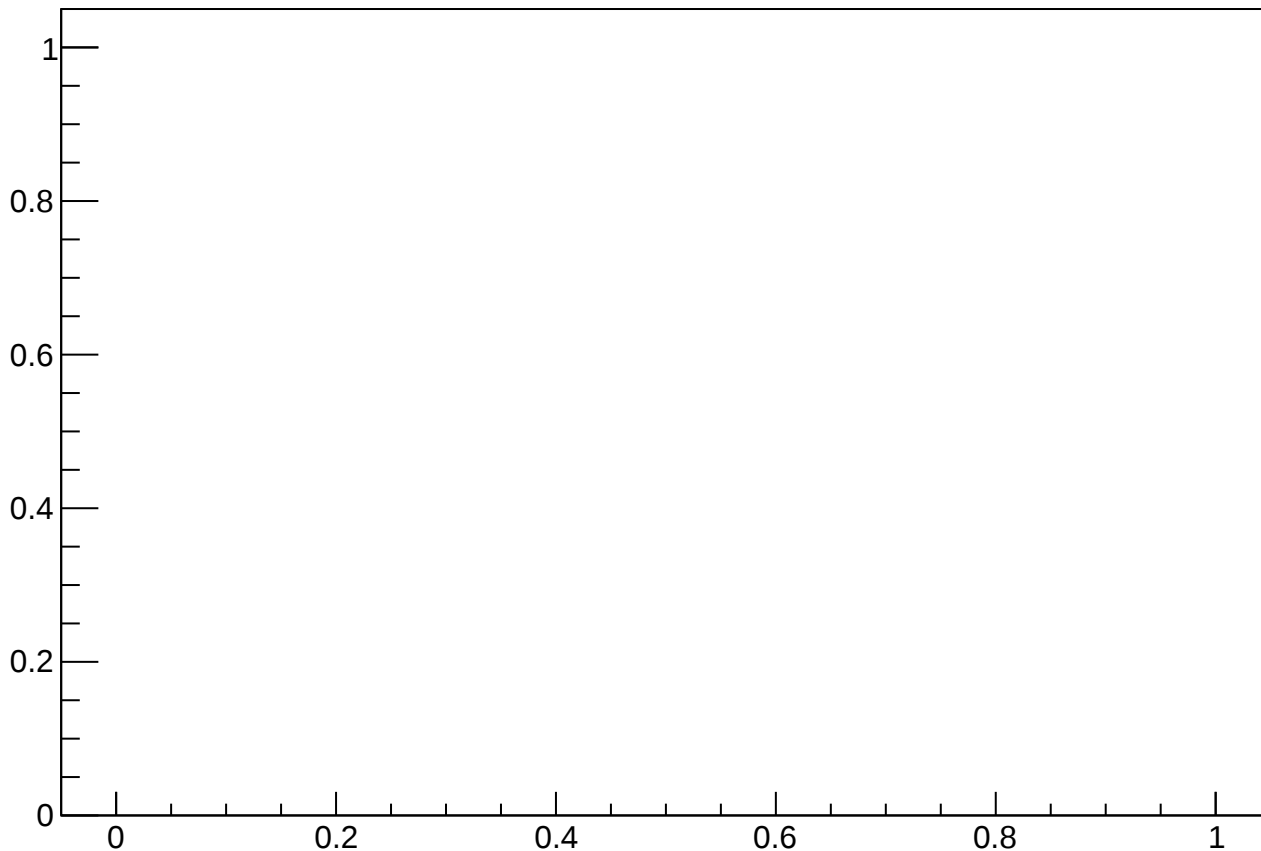
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

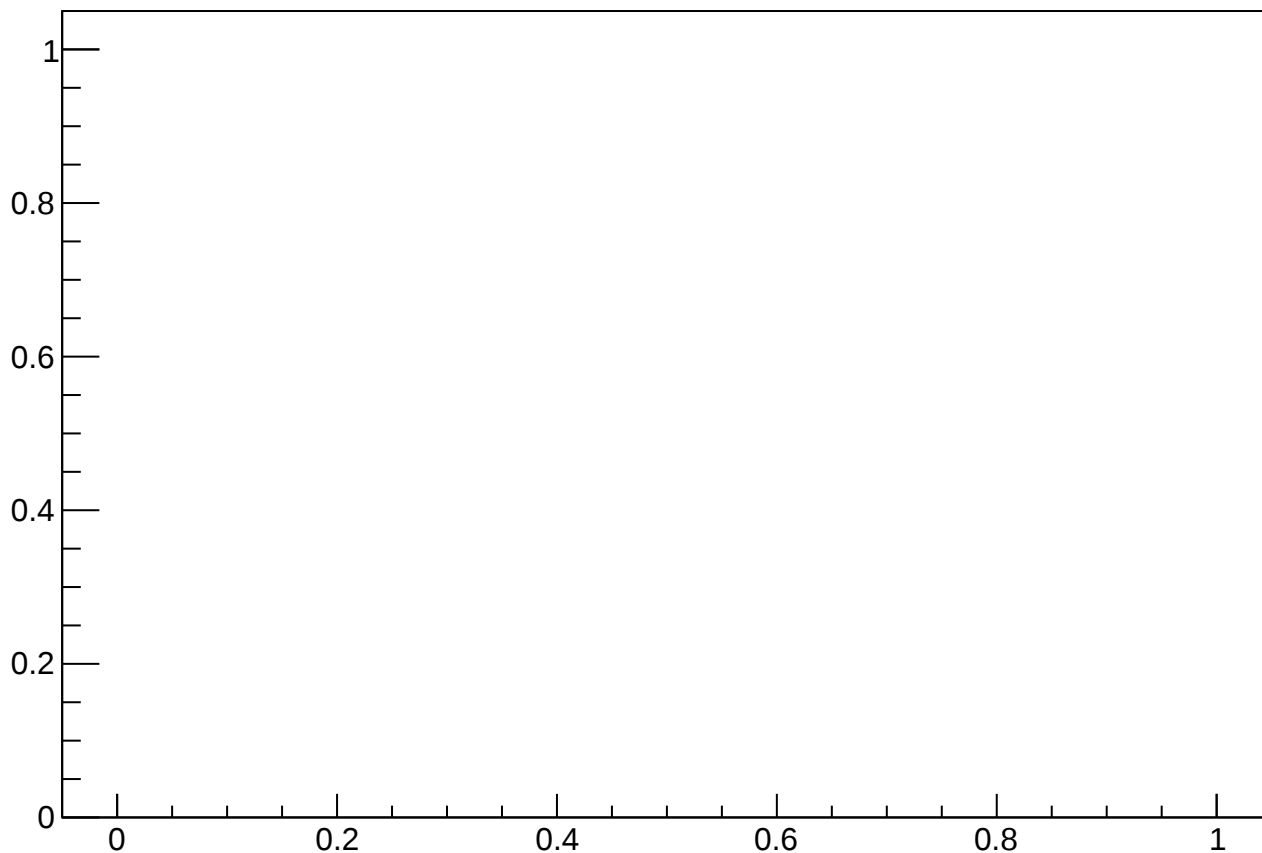
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

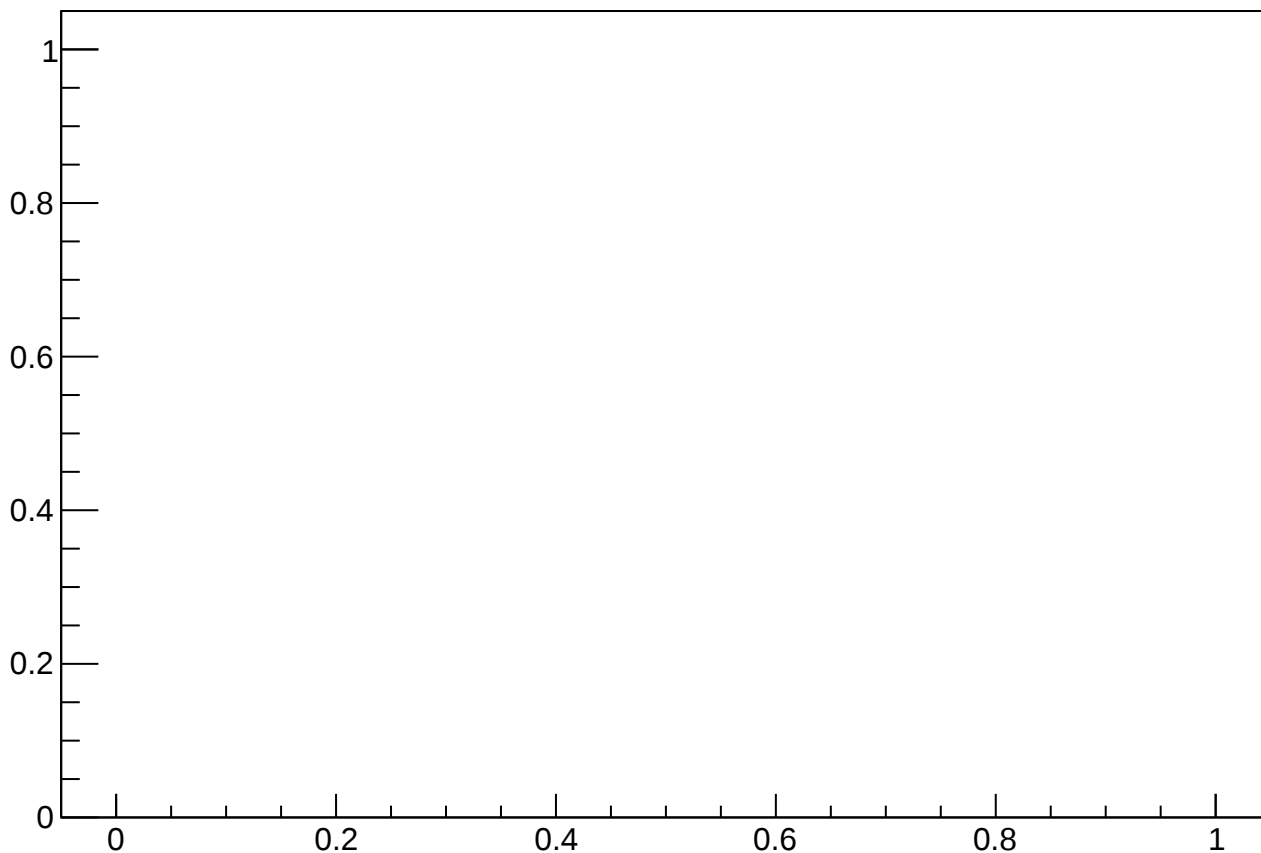
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

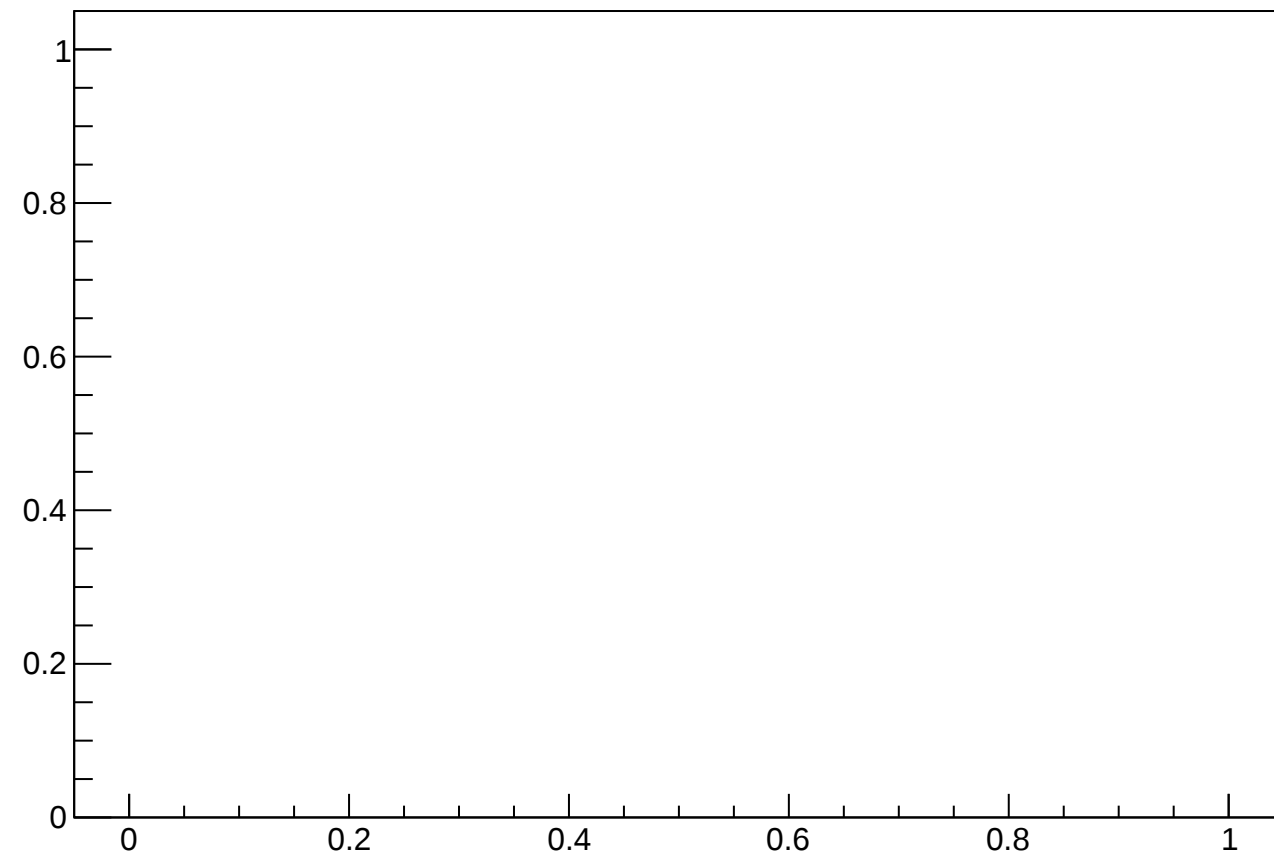
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

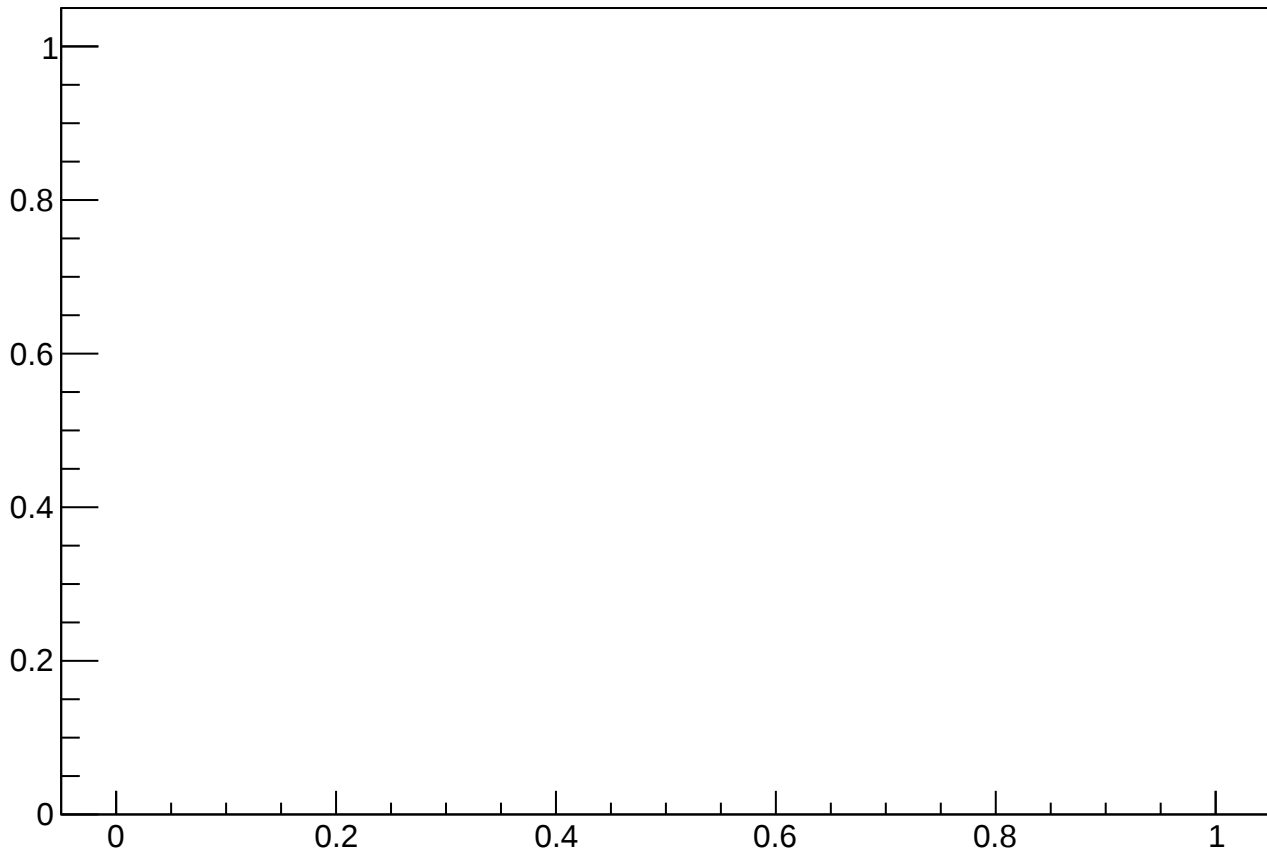
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

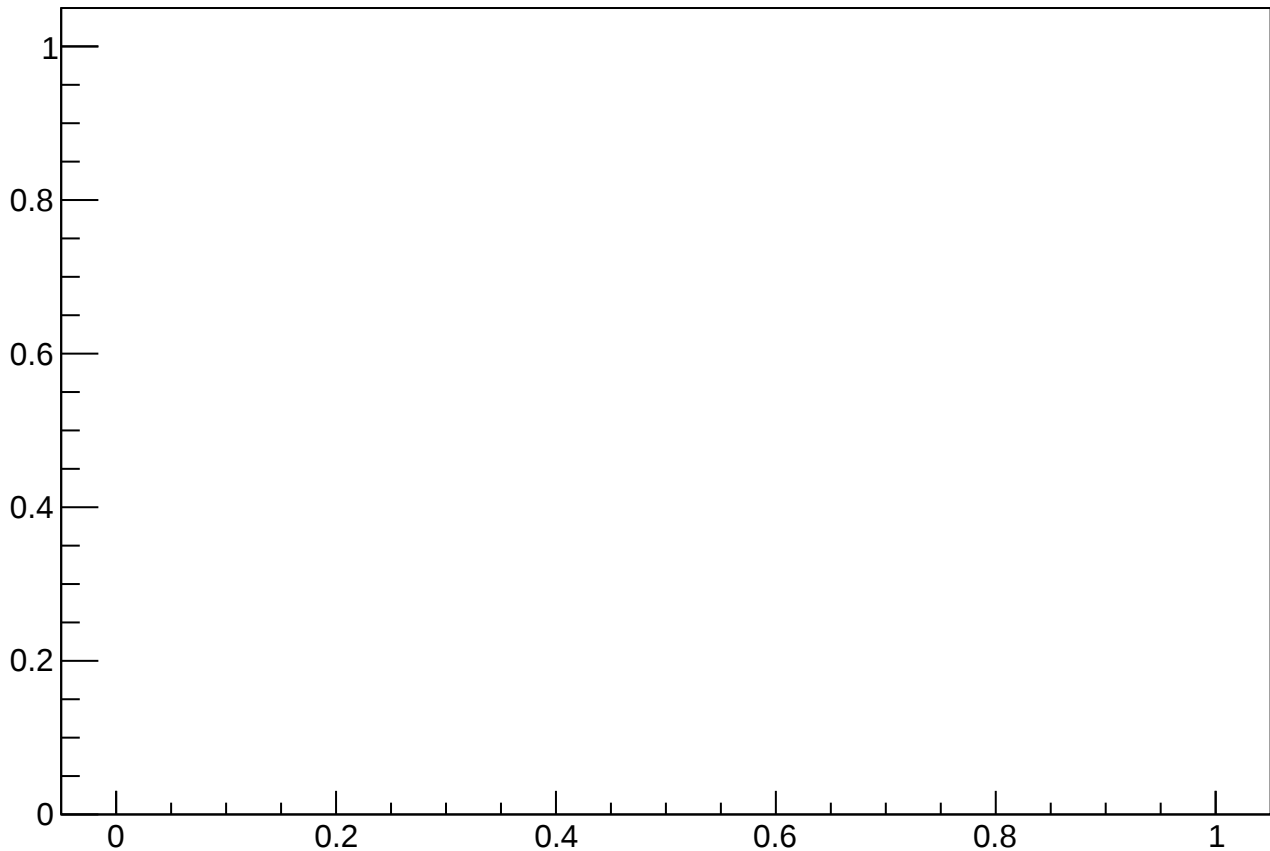
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

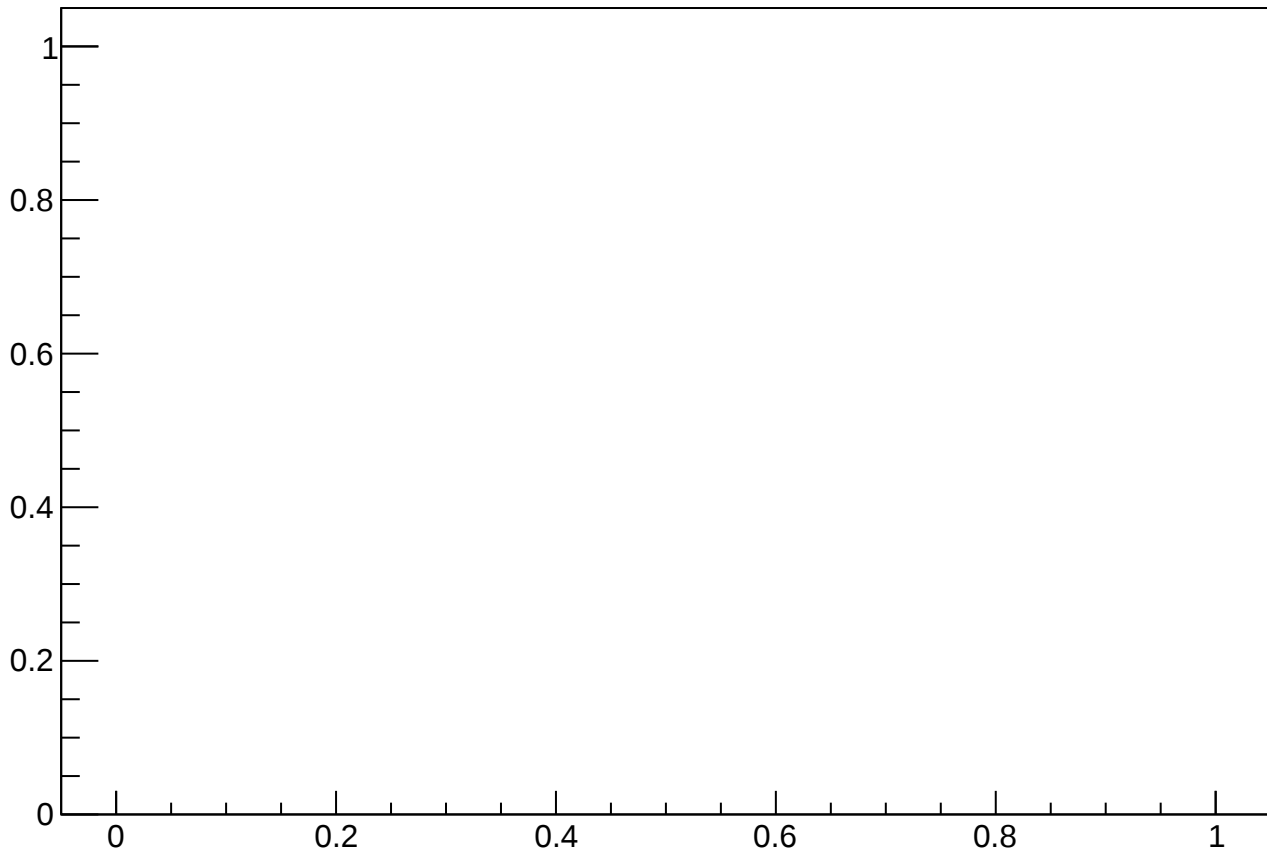
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

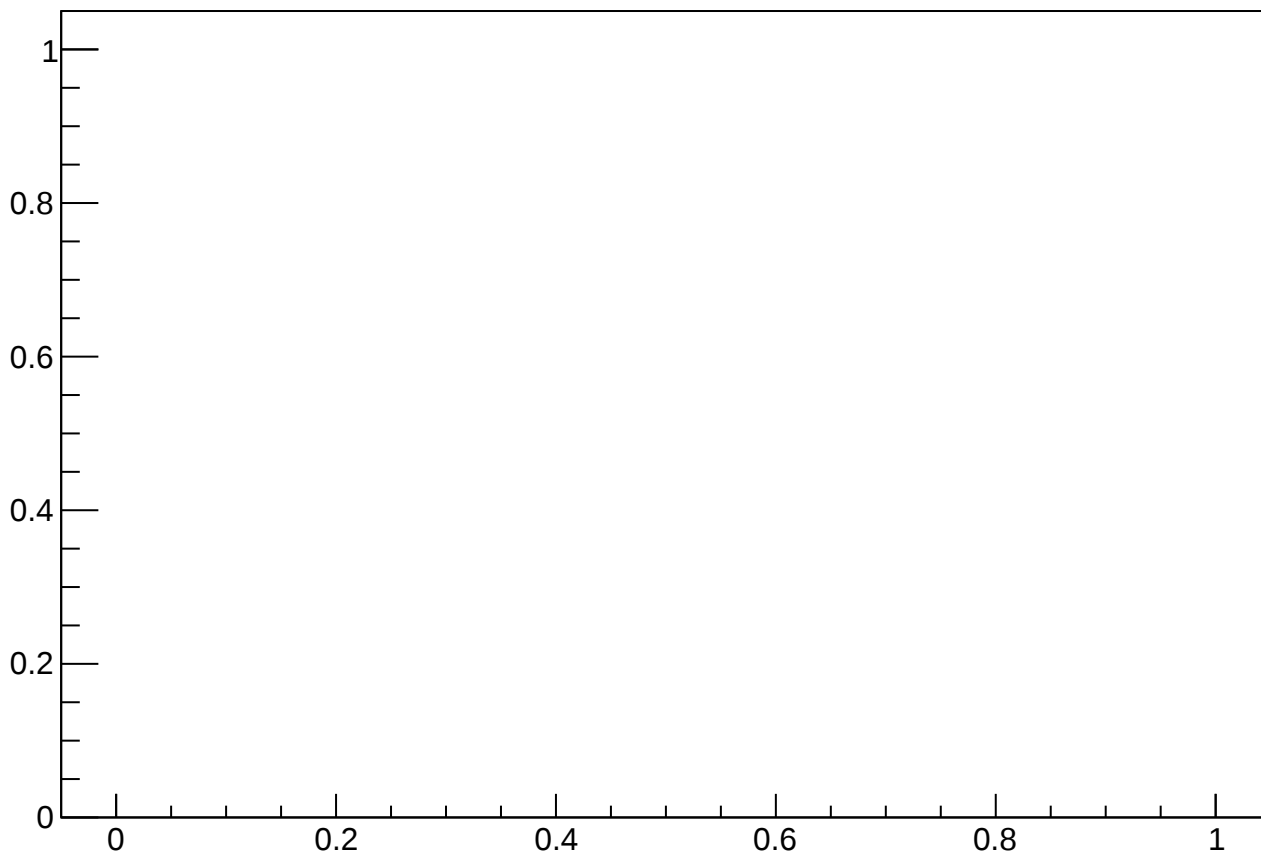
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

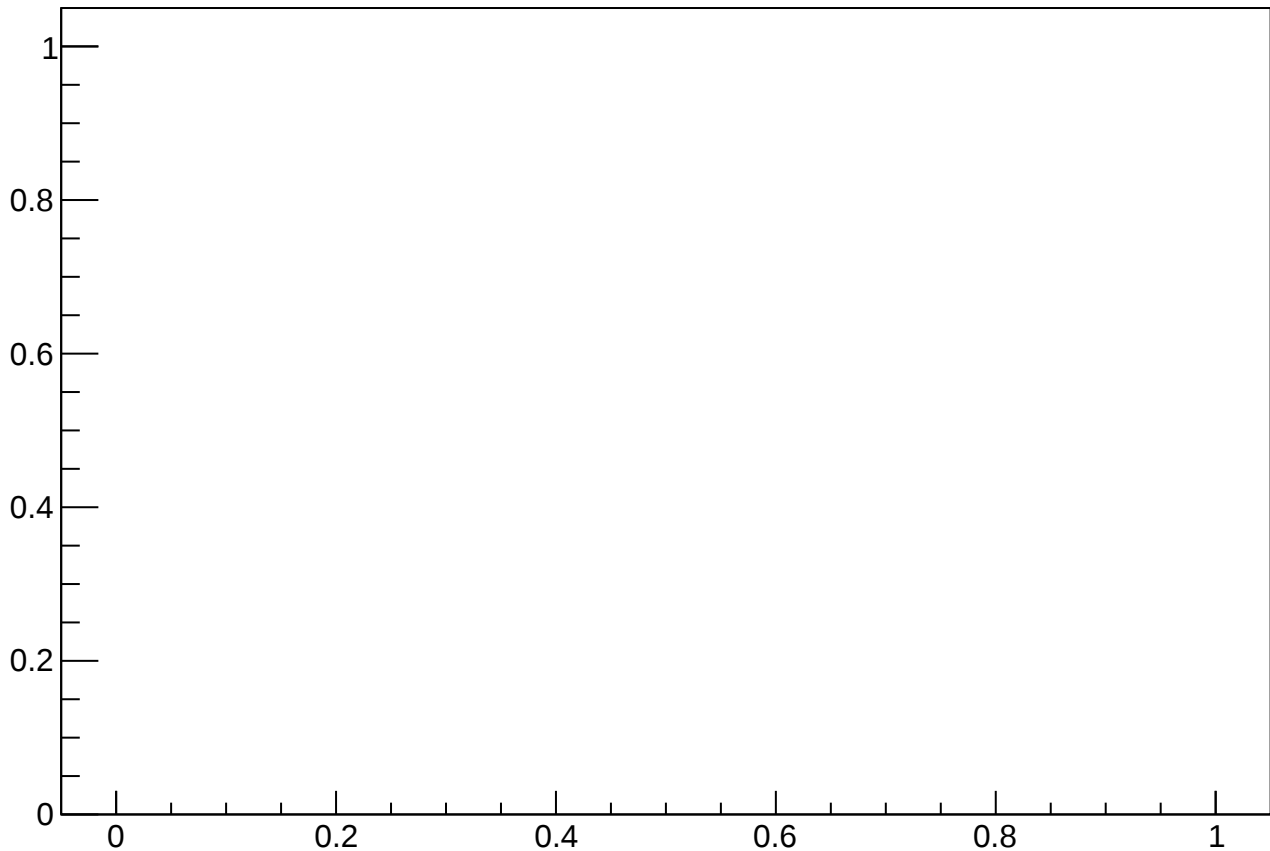
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

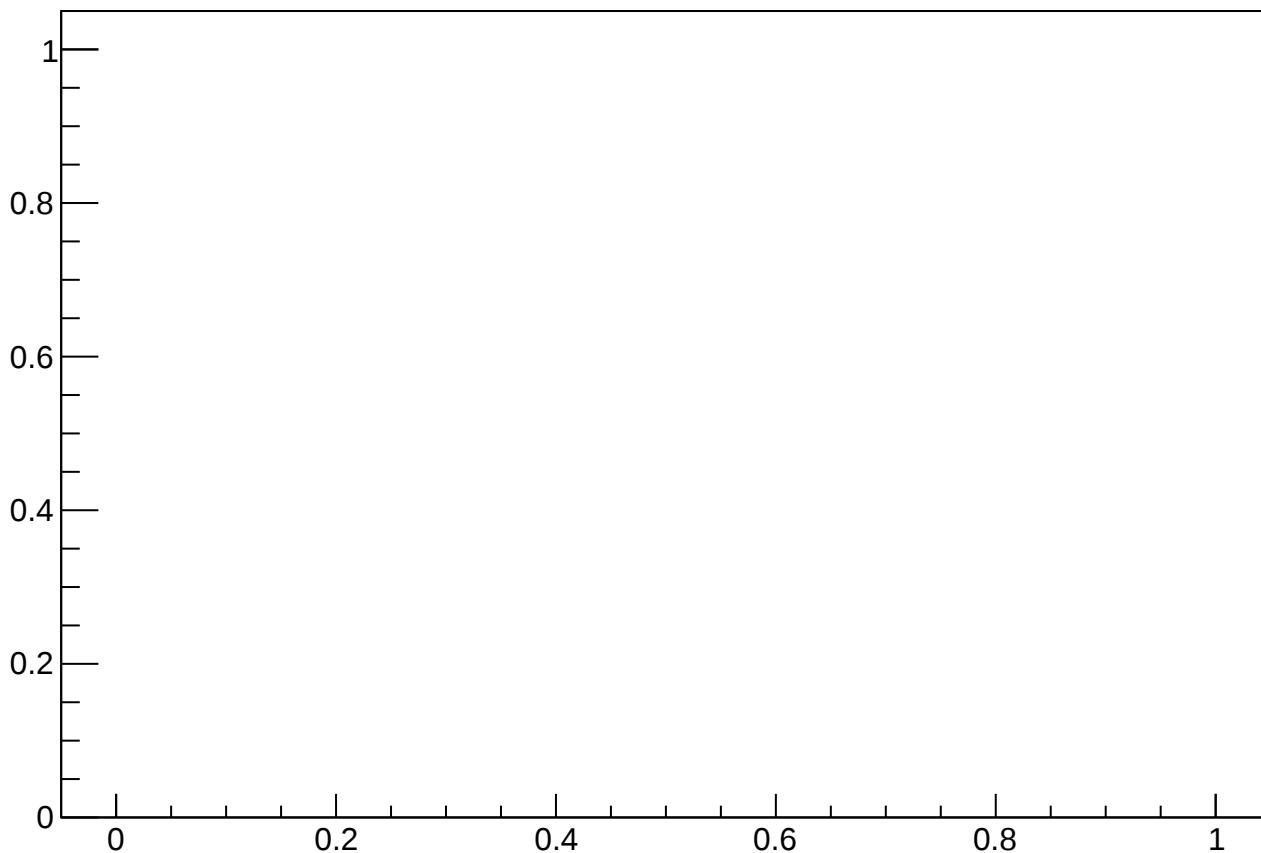
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

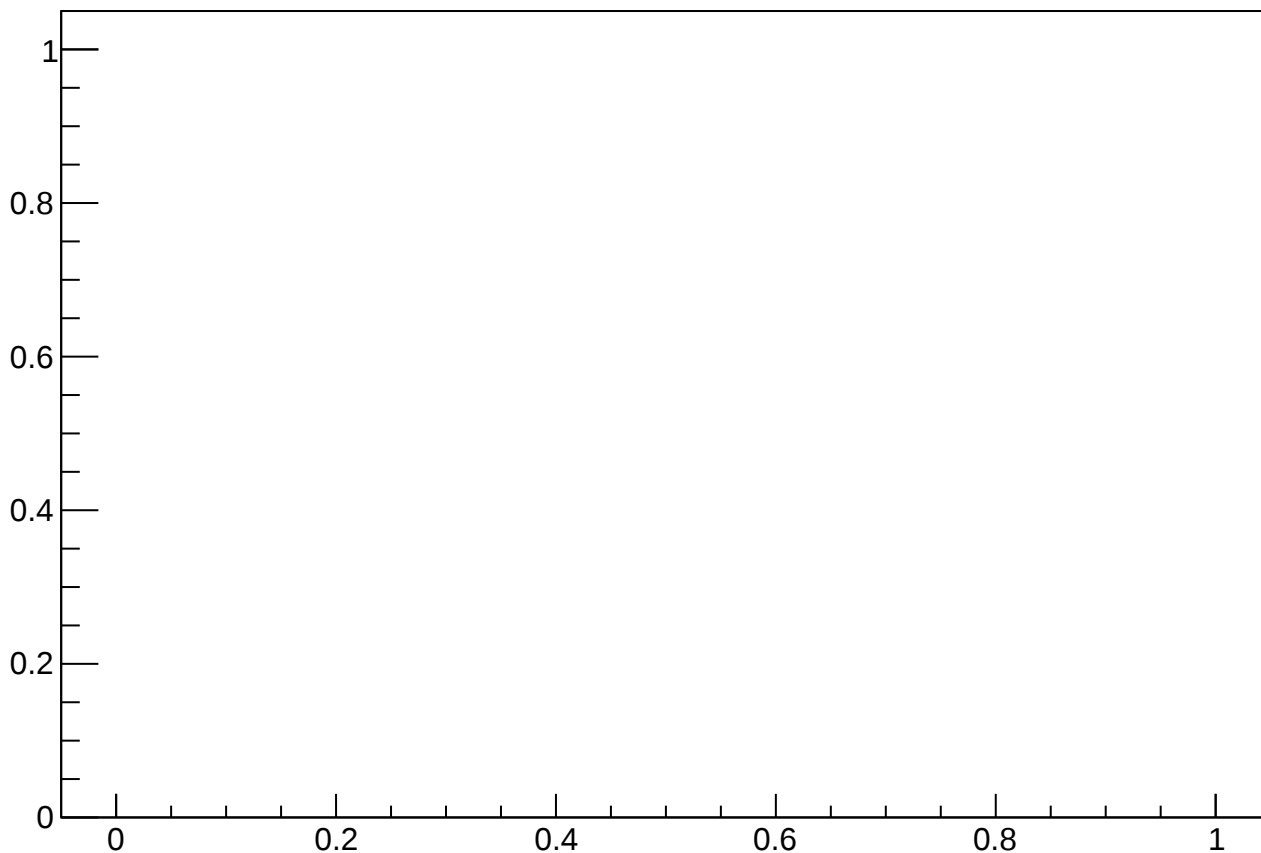
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

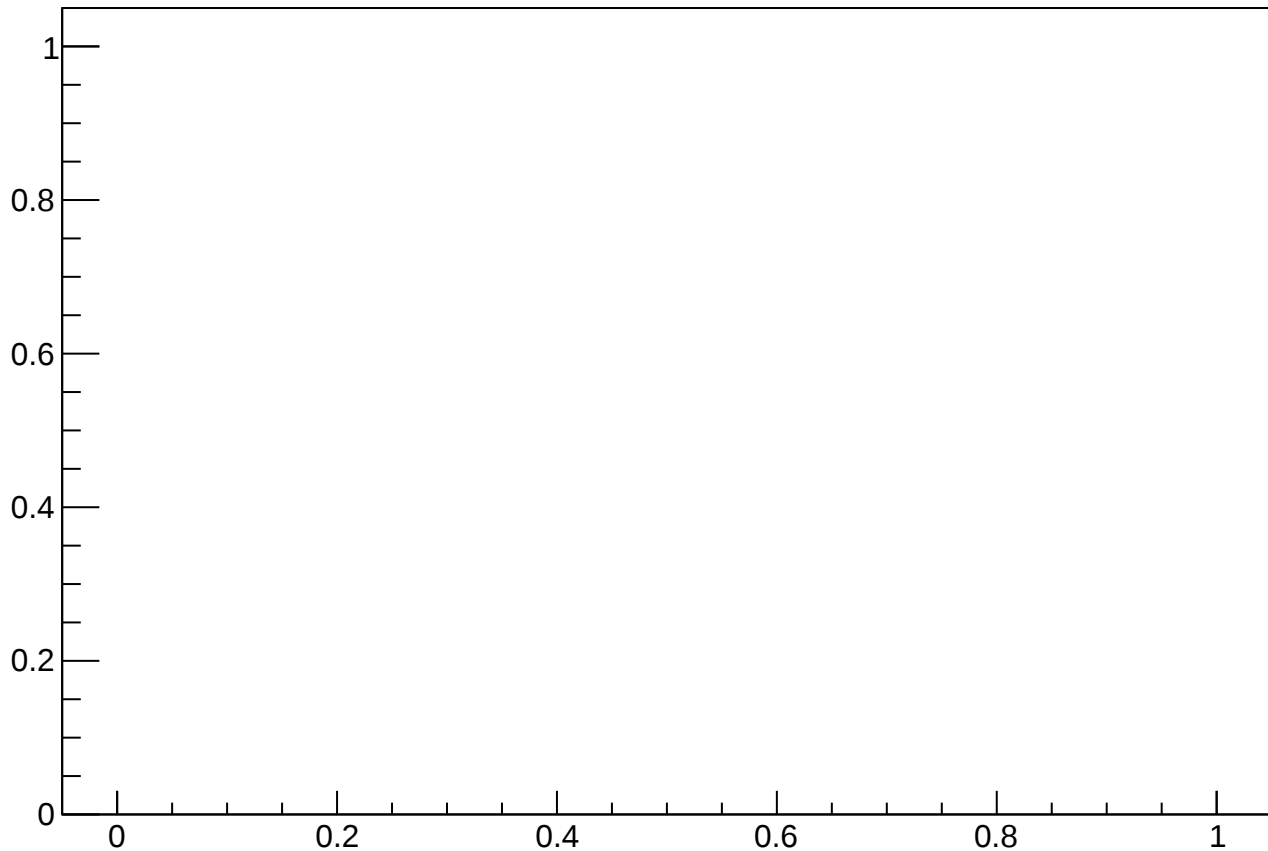
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

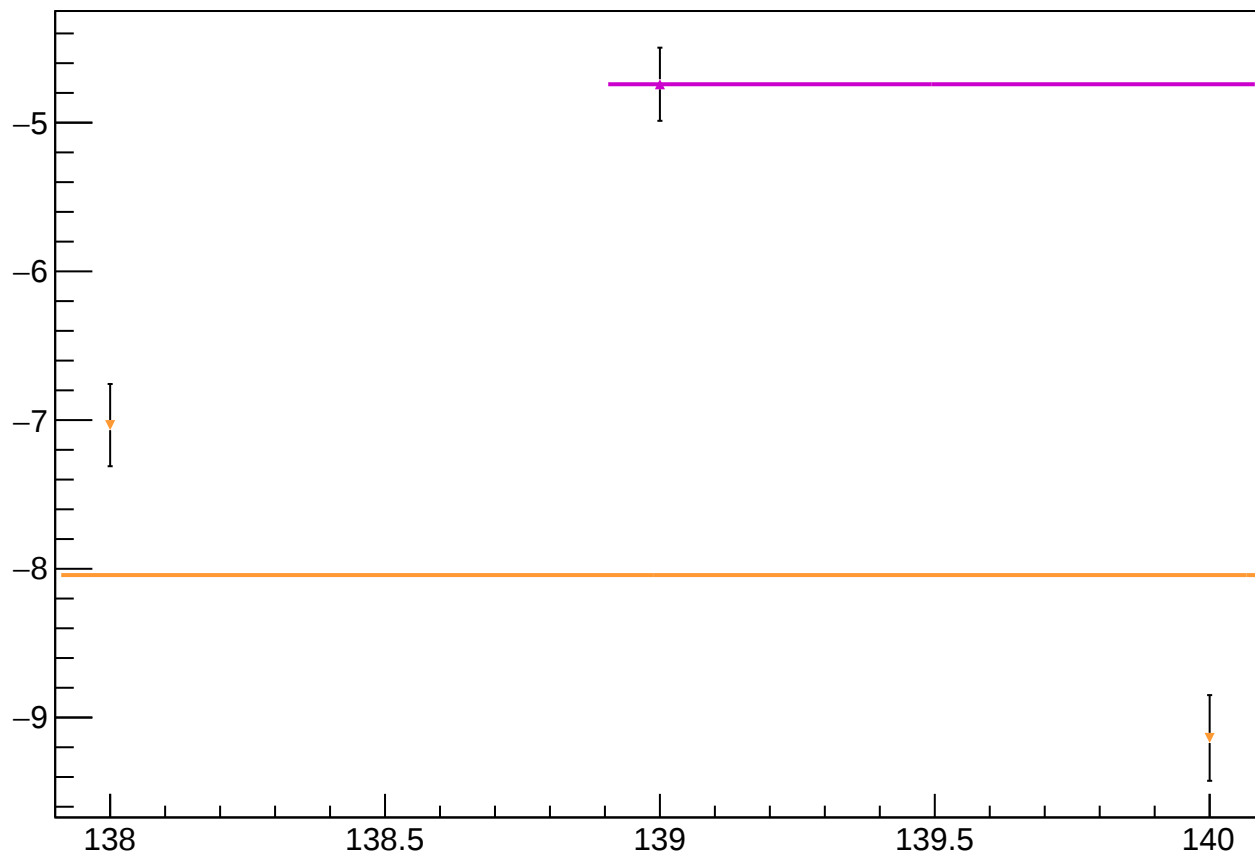
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

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

Left In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Left: -6.733+/-0.155 χ^2/NDF : 136.4/2

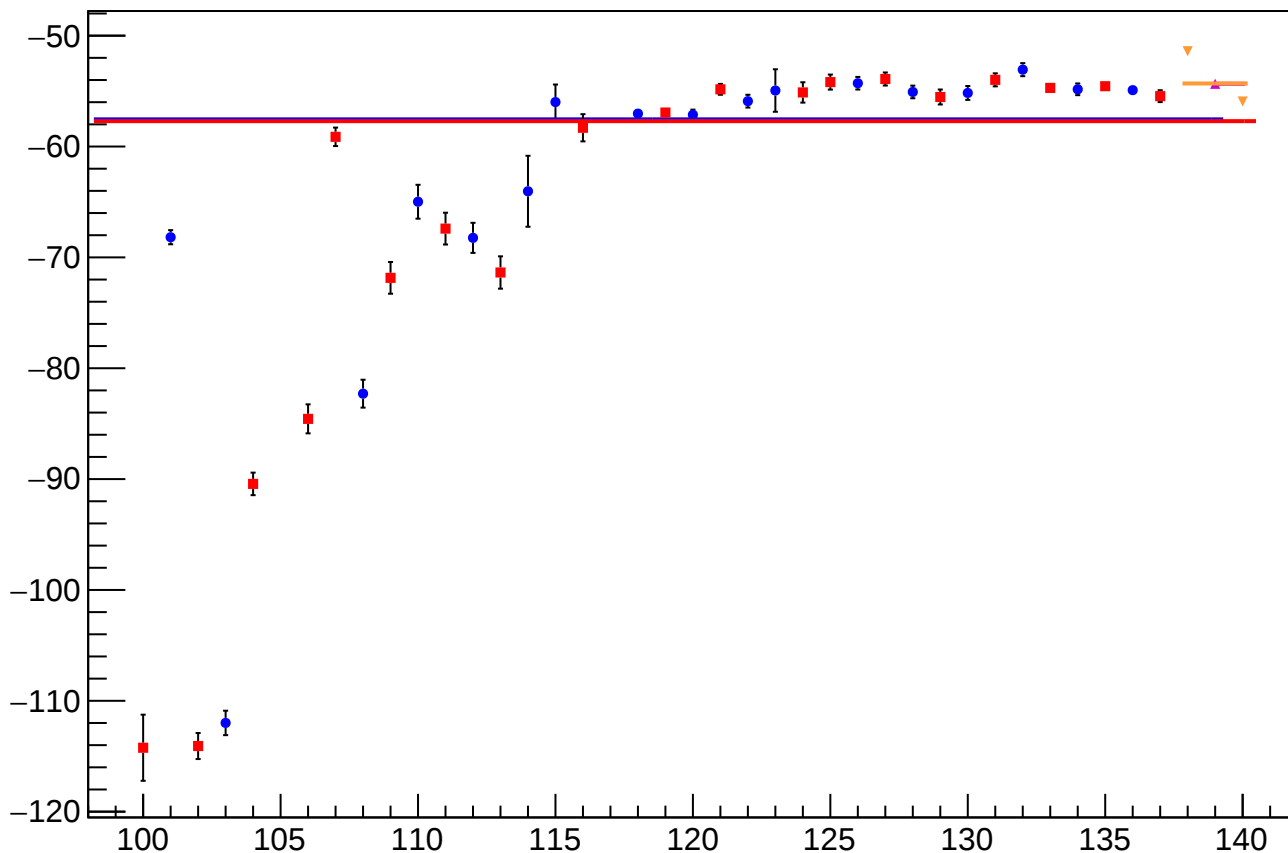
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

All: -6.733+/-0.155 χ^2/NDF : 136.4/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.312 ± 0.193 χ^2/NDF : 126.9/1

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -54.340 ± 0.445 χ^2/NDF : 0.0/0

Left: -54.317 ± 0.177 χ^2/NDF : 126.9/2

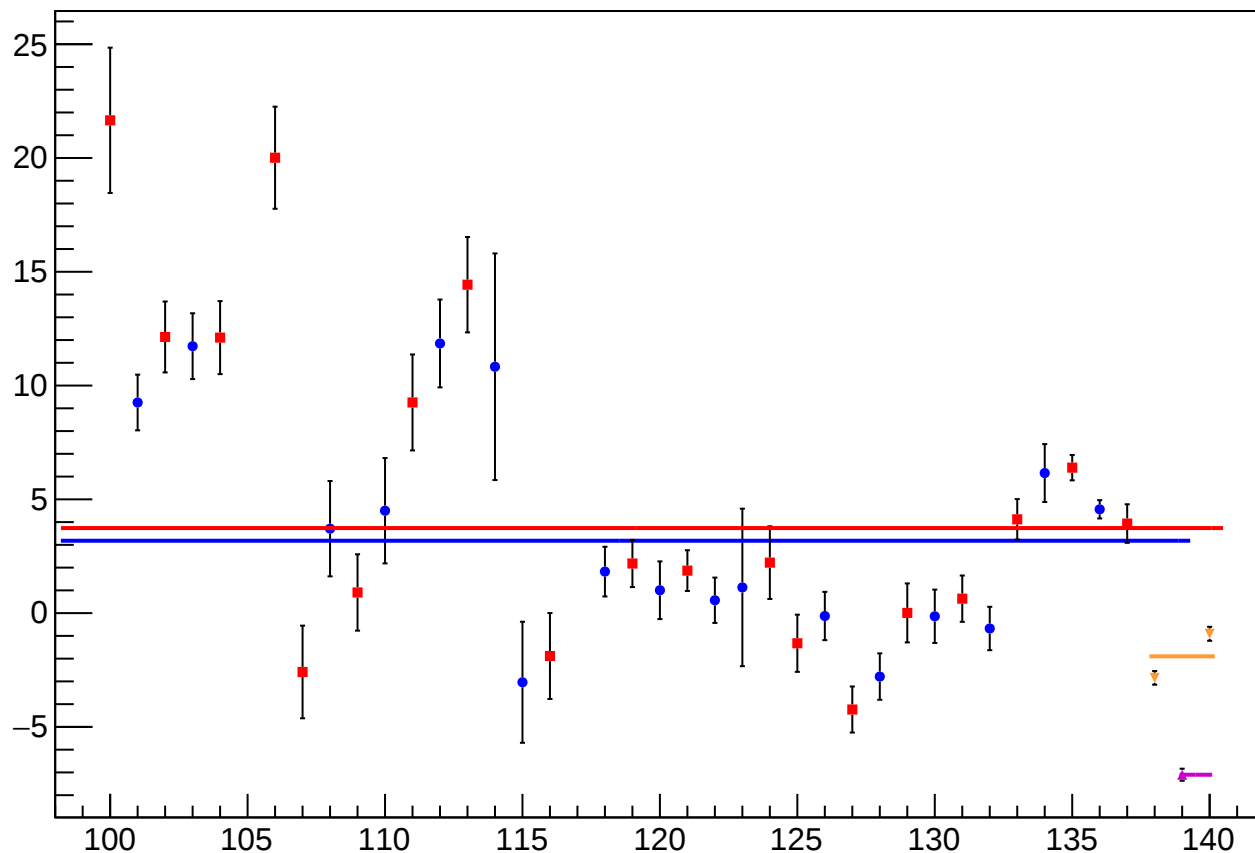
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -57.254 ± 0.135 χ^2/NDF : 3507.7/17

Out: -56.508 ± 0.115 χ^2/NDF : 5031.2/20

All: -56.821 ± 0.087 χ^2/NDF : 8556.5/38

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -1.899 ± 0.215 χ^2/NDF : 20.3/1

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -7.102 ± 0.266 χ^2/NDF : 0.0/0

Left: -3.949 ± 0.167 χ^2/NDF : 251.9/2

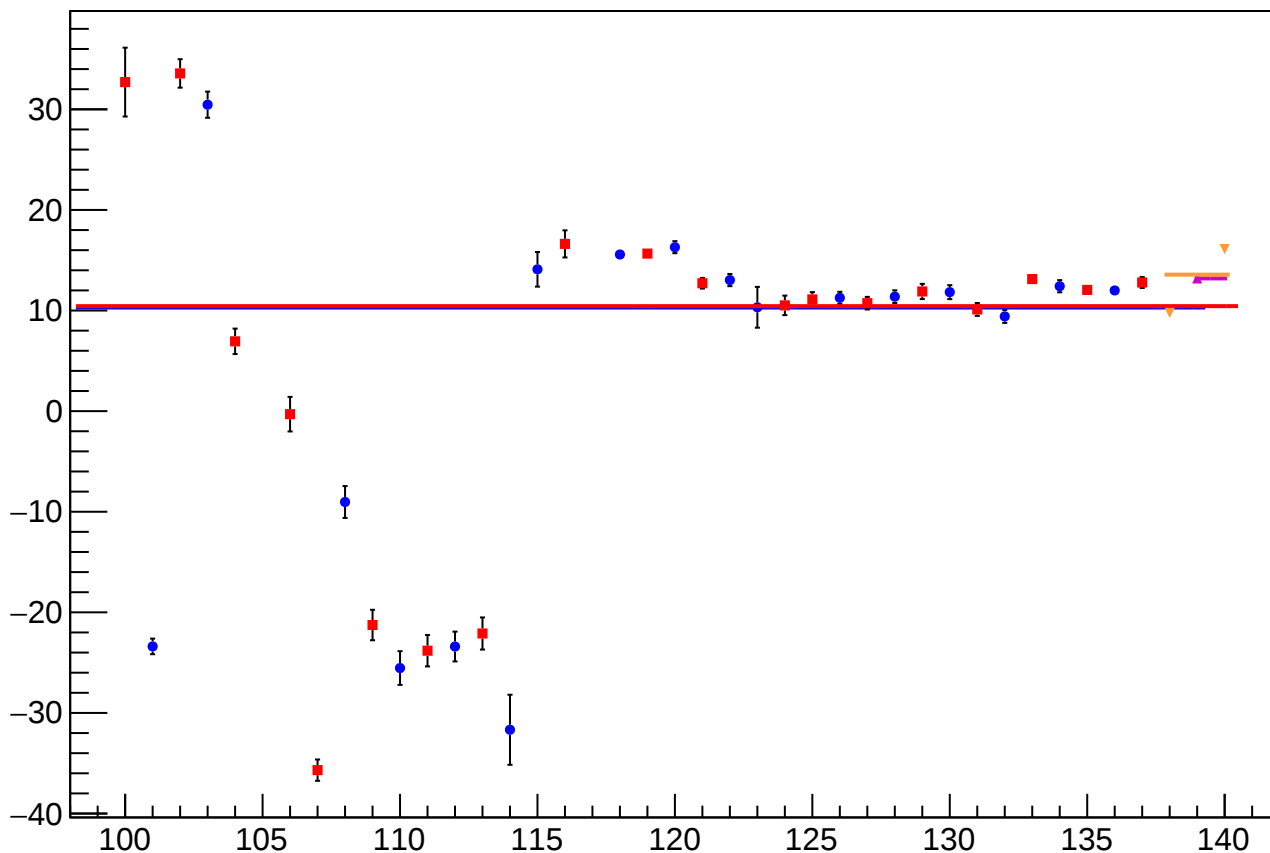
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -1.800 ± 0.185 χ^2/NDF : 954.8/17

Out: 0.314 ± 0.167 χ^2/NDF : 612.1/20

All: -0.635 ± 0.124 χ^2/NDF : 1638.7/38

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.569+/-0.224 χ^2/NDF :192.8/1

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 13.192+/-0.428 χ^2/NDF :0.0/0

Left: 13.488+/-0.198 χ^2/NDF : 193.4/2

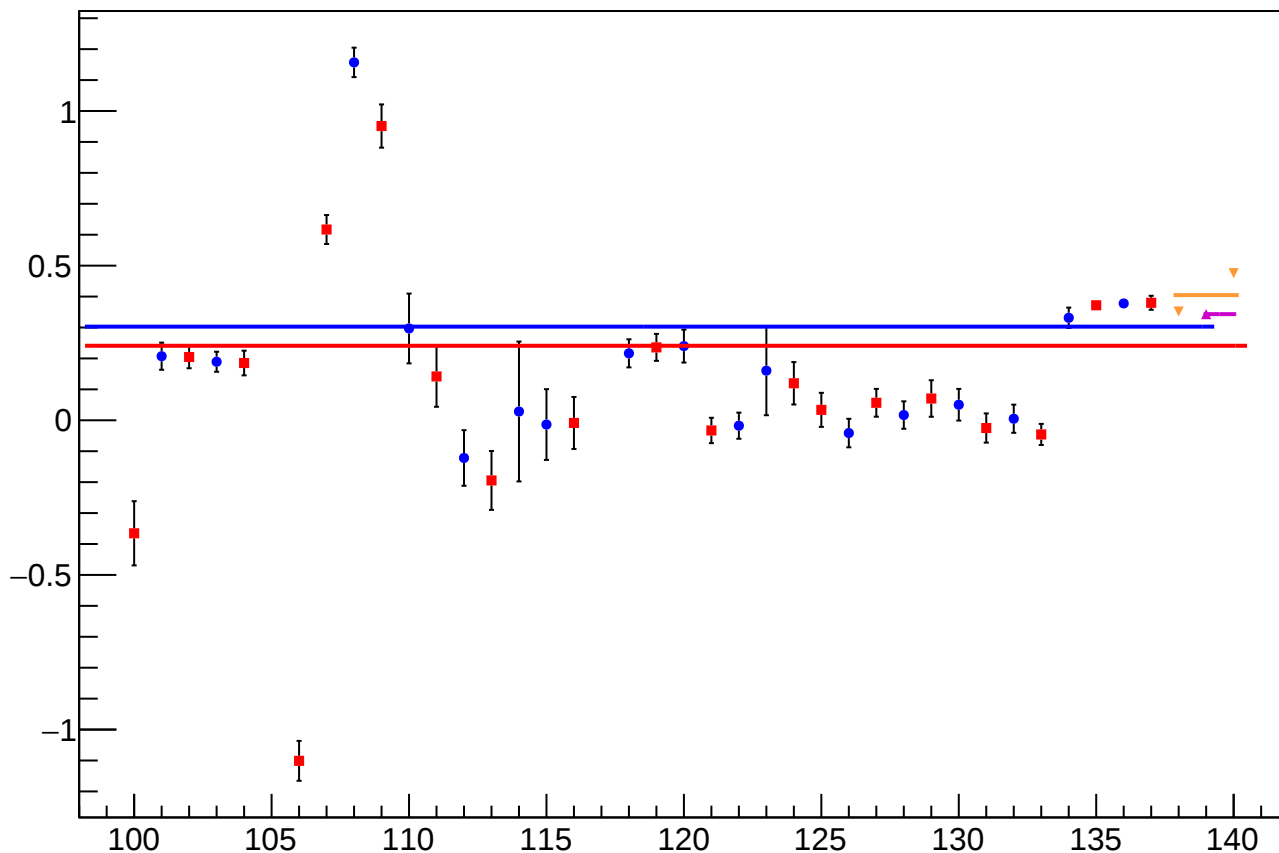
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 10.643+/-0.147 χ^2/NDF :3739.5/17

Out: 11.494+/-0.130 χ^2/NDF :4151.4/20

All: 11.122+/-0.097 χ^2/NDF : 7909.7/38

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: 0.405 $\pm$ 0.009 χ^2 /NDF: 49.7/1

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.343 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Left: 0.376 $\pm$ 0.006 χ^2 /NDF: 72.7/2

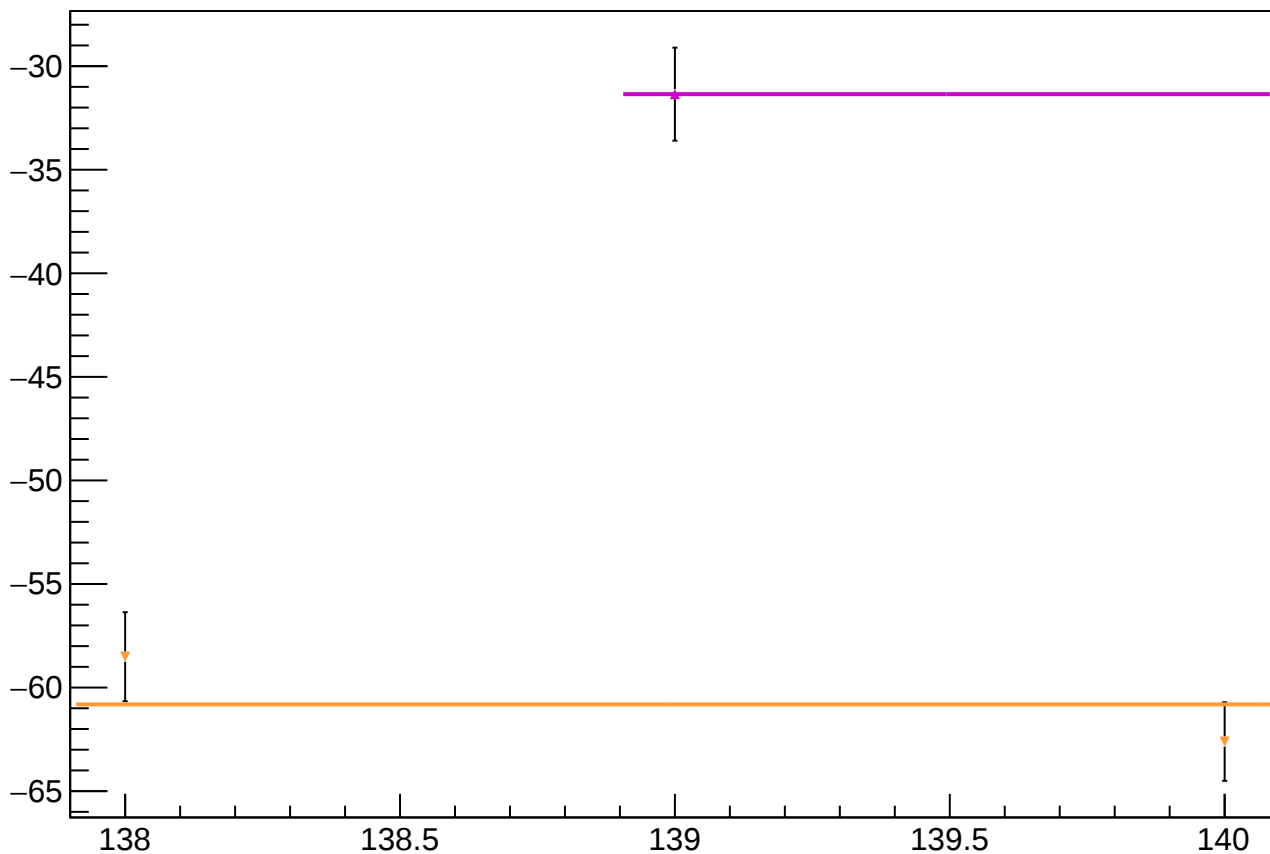
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.320 $\pm$ 0.006 χ^2 /NDF: 657.6/17

Out: 0.321 $\pm$ 0.006 χ^2 /NDF: 1220.0/20

All: 0.321 $\pm$ 0.004 χ^2 /NDF: 1877.7/38

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

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

Left In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Left: -52.380+/-1.201 χ^2/NDF : 125.0/2

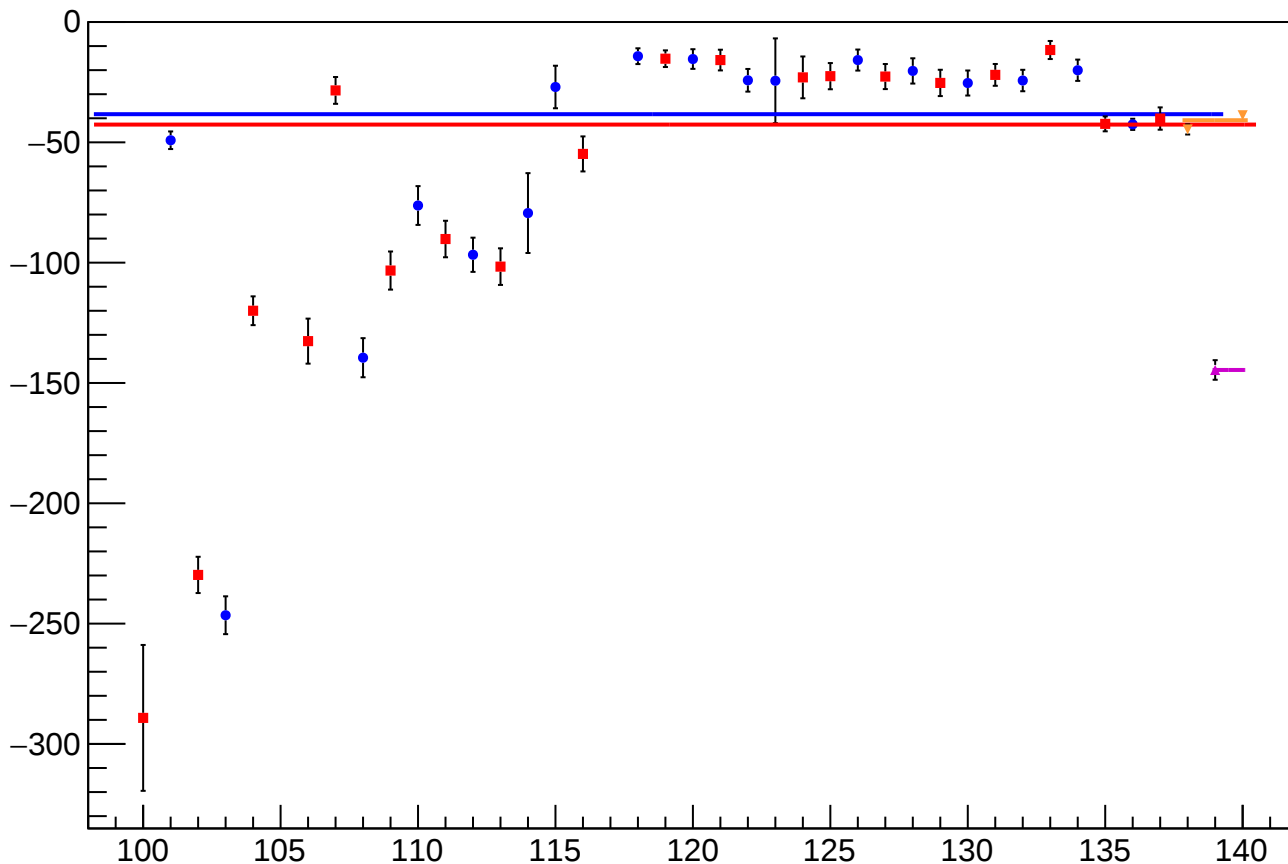
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

All: -52.380+/-1.201 χ^2/NDF : 125.0/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -40.816+/-1.247 χ^2/NDF : 5.1/1

Right Out: -42.624+/-1.209 χ^2/NDF : 1344.4/18

Left In: -144.594+/-4.071 χ^2/NDF : 0.0/0

Left: -49.721+/-1.193 χ^2/NDF : 599.1/2

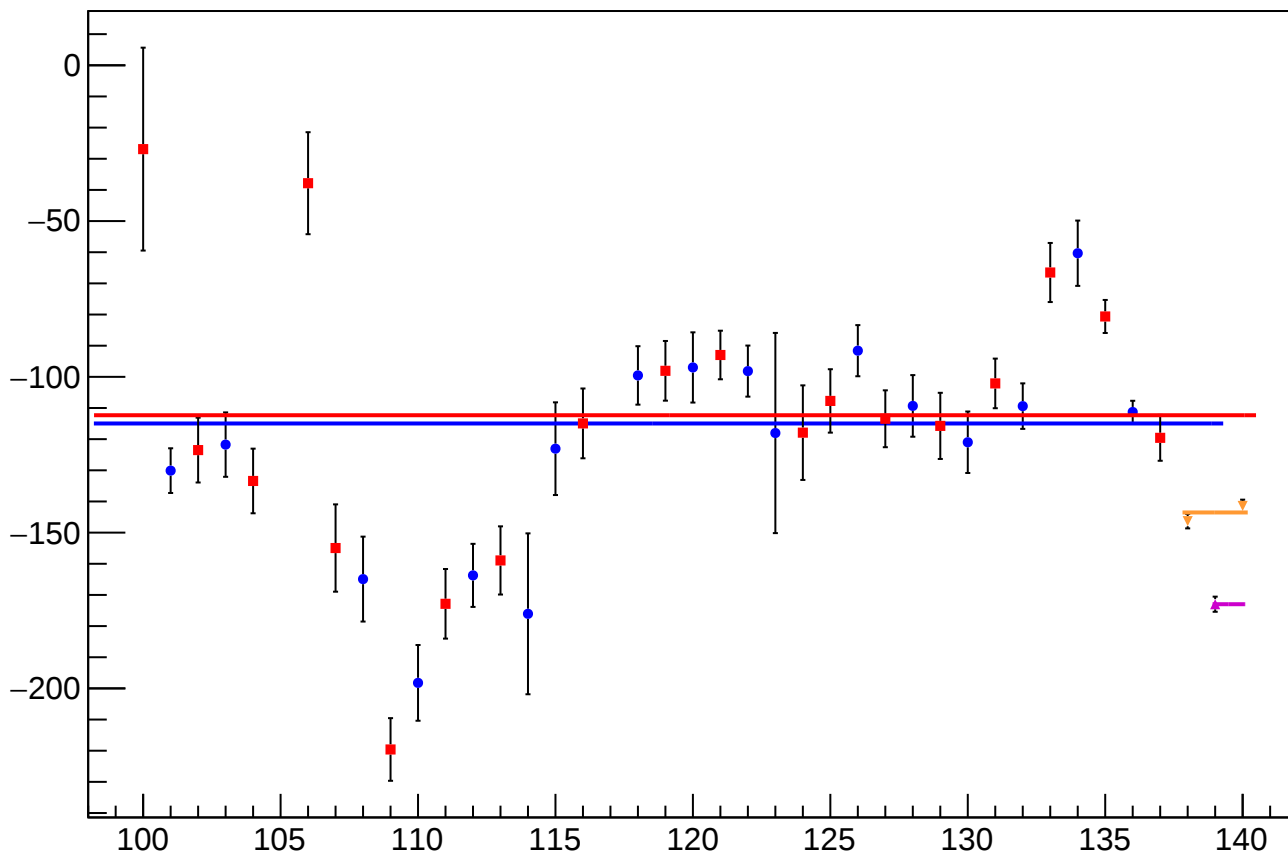
Right: -40.334+/-0.829 χ^2/NDF : 2483.9/35

In: -46.007+/-1.096 χ^2/NDF : 1764.9/17

Out: -41.748+/-0.868 χ^2/NDF : 1350.6/20

All: -43.390+/-0.680 χ^2/NDF : 3124.8/38

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -143.529 ± 1.525 χ^2/NDF : 2.5/1

Right Out: -112.320 ± 2.205 χ^2/NDF : 274.0/18

Left In: -172.979 ± 2.428 χ^2/NDF : 0.0/0

Left: -151.862 ± 1.292 χ^2/NDF : 108.0/2

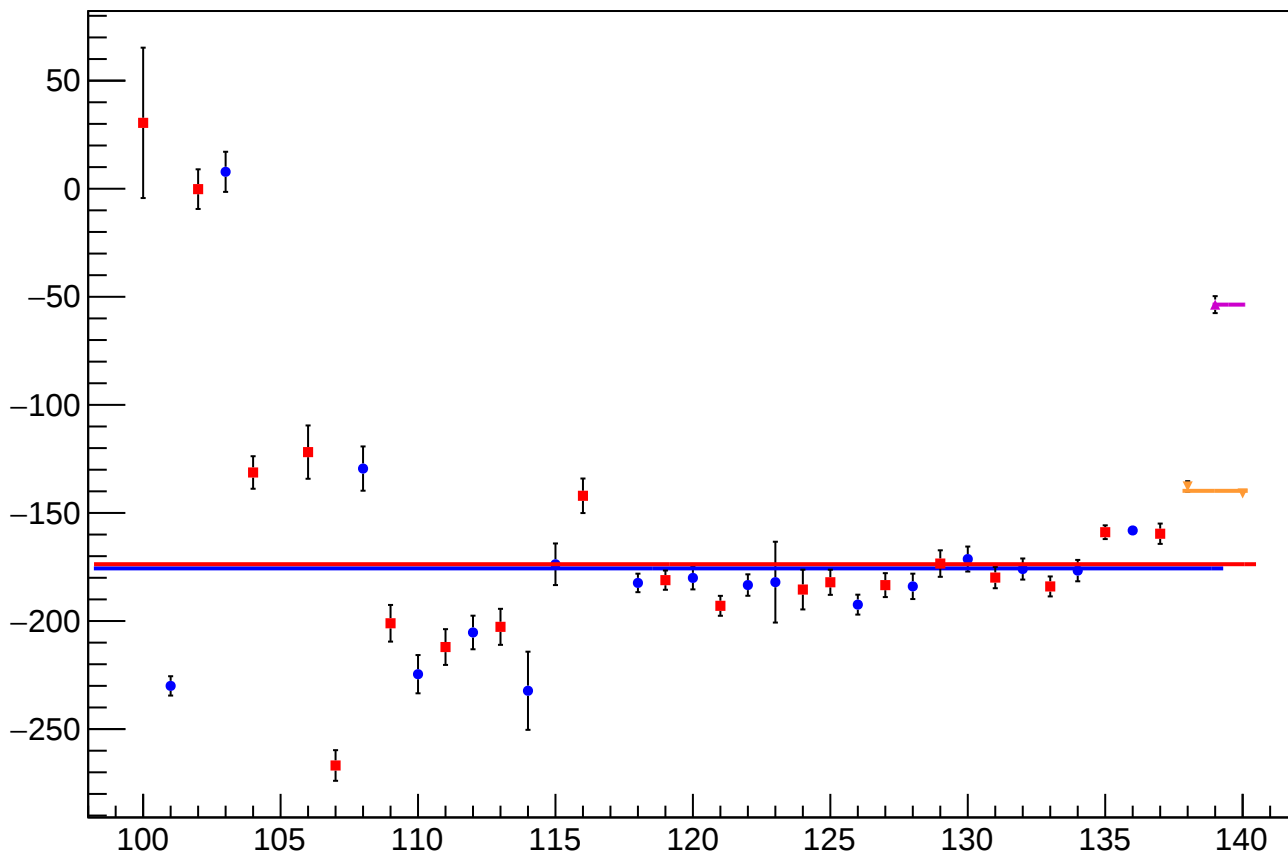
Right: -113.725 ± 1.511 χ^2/NDF : 416.2/35

In: -139.449 ± 1.577 χ^2/NDF : 471.4/17

Out: -133.430 ± 1.254 χ^2/NDF : 412.0/20

All: -135.762 ± 0.982 χ^2/NDF : 892.3/38

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.772 ± 1.481 χ^2/NDF : 1.1/1

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -53.620 ± 3.922 χ^2/NDF : 0.0/0

Left: -129.013 ± 1.386 χ^2/NDF : 423.5/2

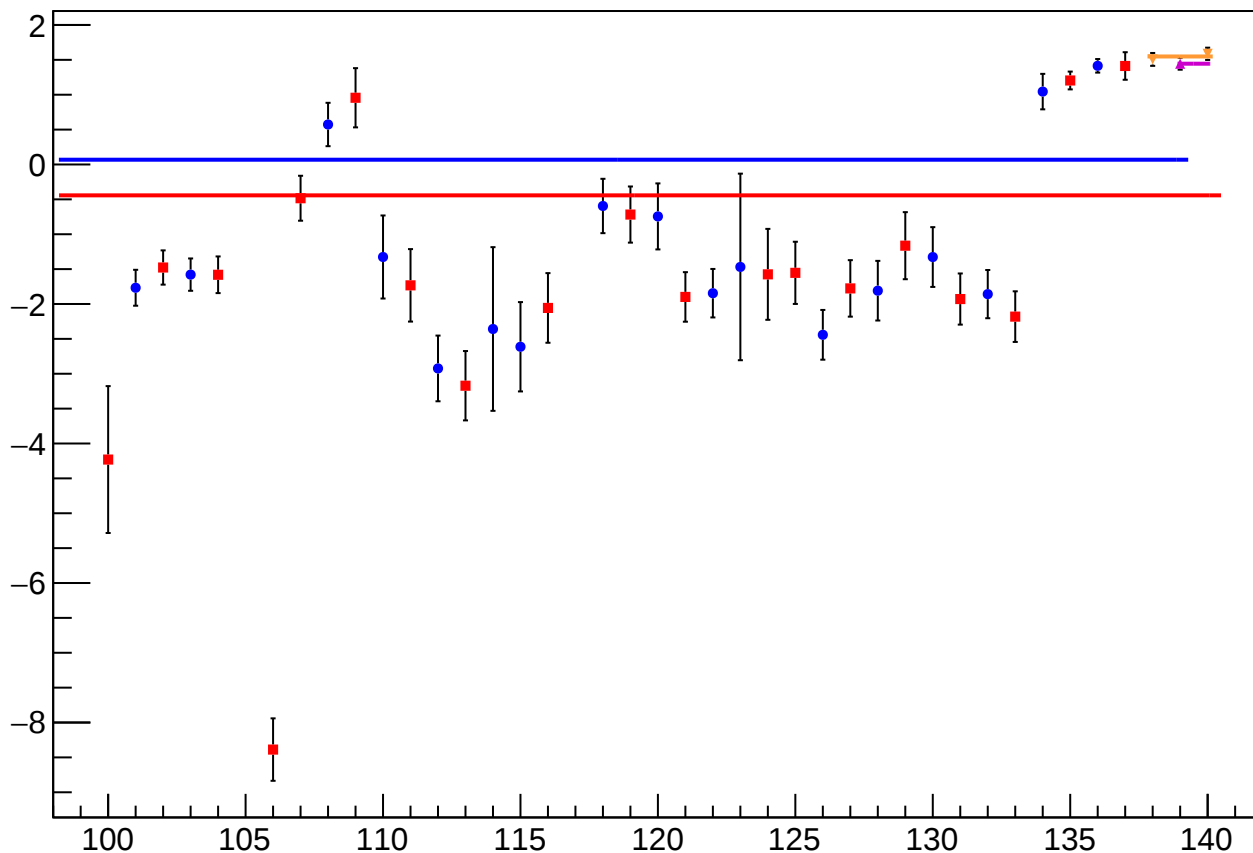
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -164.083 ± 1.207 χ^2/NDF : 1568.5/17

Out: -158.263 ± 1.000 χ^2/NDF : 1025.1/20

All: -160.630 ± 0.770 χ^2/NDF : 2607.5/38

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.548 ± 0.064 χ^2/NDF : 0.4/1

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.445 ± 0.086 χ^2/NDF : 0.0/0

Left: 1.512 ± 0.051 χ^2/NDF : 1.3/2

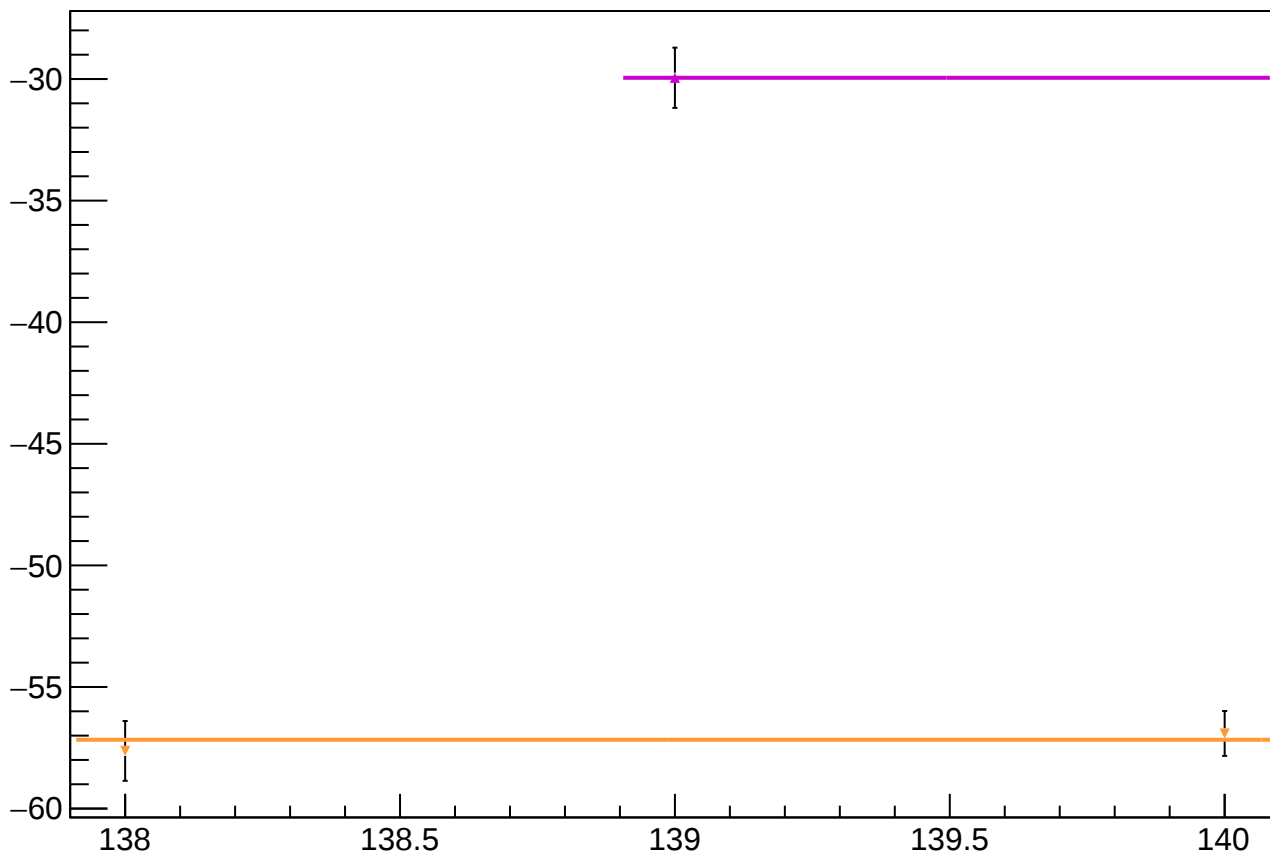
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 0.589 ± 0.053 χ^2/NDF : 685.5/17

Out: 0.662 ± 0.047 χ^2/NDF : 1191.5/20

All: 0.629 ± 0.035 χ^2/NDF : 1878.1/38

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

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

Left In: -29.949+/-1.238 χ^2/NDF : 0.0/0

Left: -50.036+/-0.634 χ^2/NDF : 356.8/2

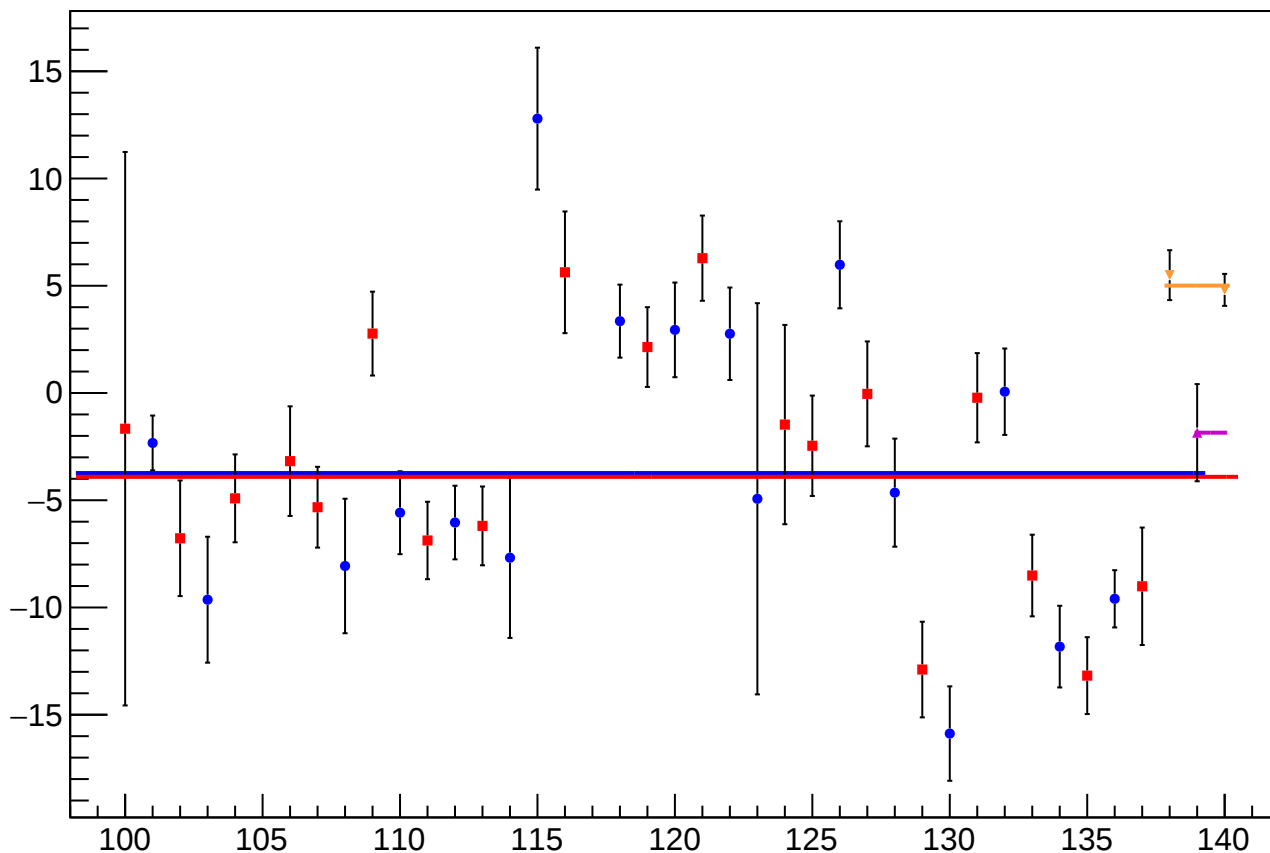
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.949+/-1.238 χ^2/NDF : 0.0/0

Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

All: -50.036+/-0.634 χ^2/NDF : 356.8/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 5.008 ± 0.628 χ^2/NDF : 0.2/1

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -1.850 ± 2.265 χ^2/NDF : 0.0/0

Left: 4.518 ± 0.605 χ^2/NDF : 8.8/2

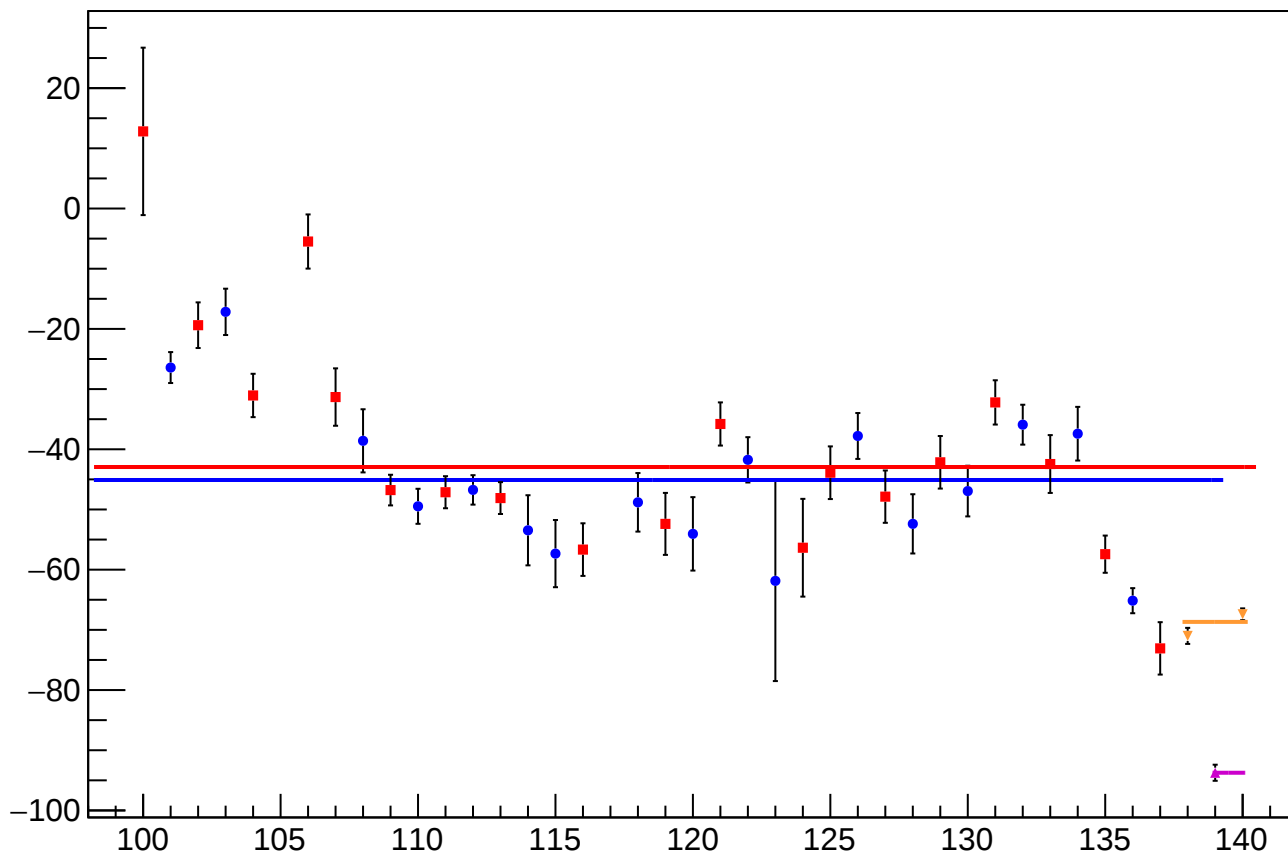
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.646 ± 0.484 χ^2/NDF : 166.5/17

Out: -0.392 ± 0.394 χ^2/NDF : 247.2/20

All: -1.688 ± 0.306 χ^2/NDF : 440.9/38

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -68.678 ± 0.791 χ^2/NDF : 4.7/1

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -93.739 ± 1.338 χ^2/NDF : 0.0/0

Left: -75.165 ± 0.681 χ^2/NDF : 264.8/2

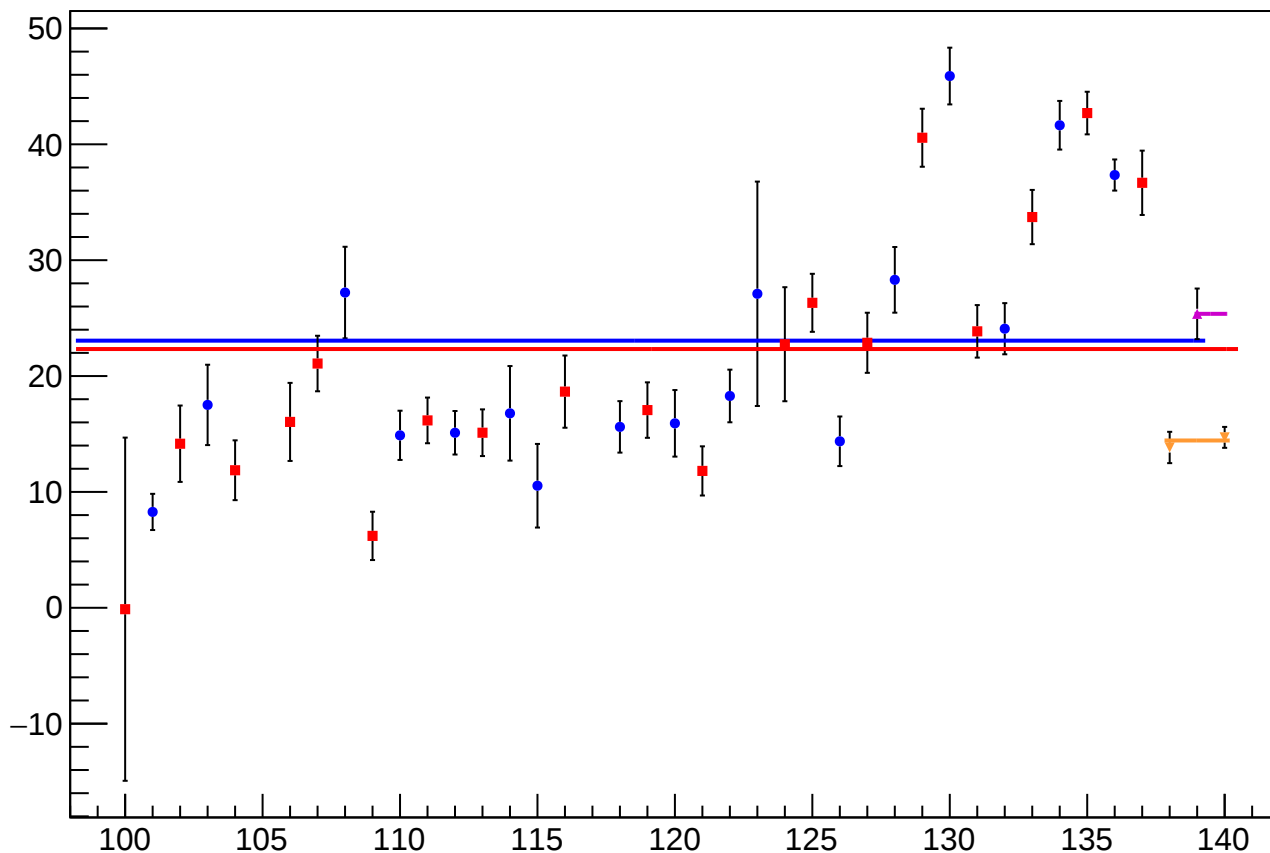
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -59.850 ± 0.737 χ^2/NDF : 1151.5/17

Out: -57.147 ± 0.587 χ^2/NDF : 728.5/20

All: -58.198 ± 0.459 χ^2/NDF : 1888.2/38

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 14.439 $\pm$ 0.751 χ^2 /NDF:0.3/1

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 25.370 $\pm$ 2.184 χ^2 /NDF:0.0/0

Left: 15.594 $\pm$ 0.710 χ^2 /NDF: 22.7/2

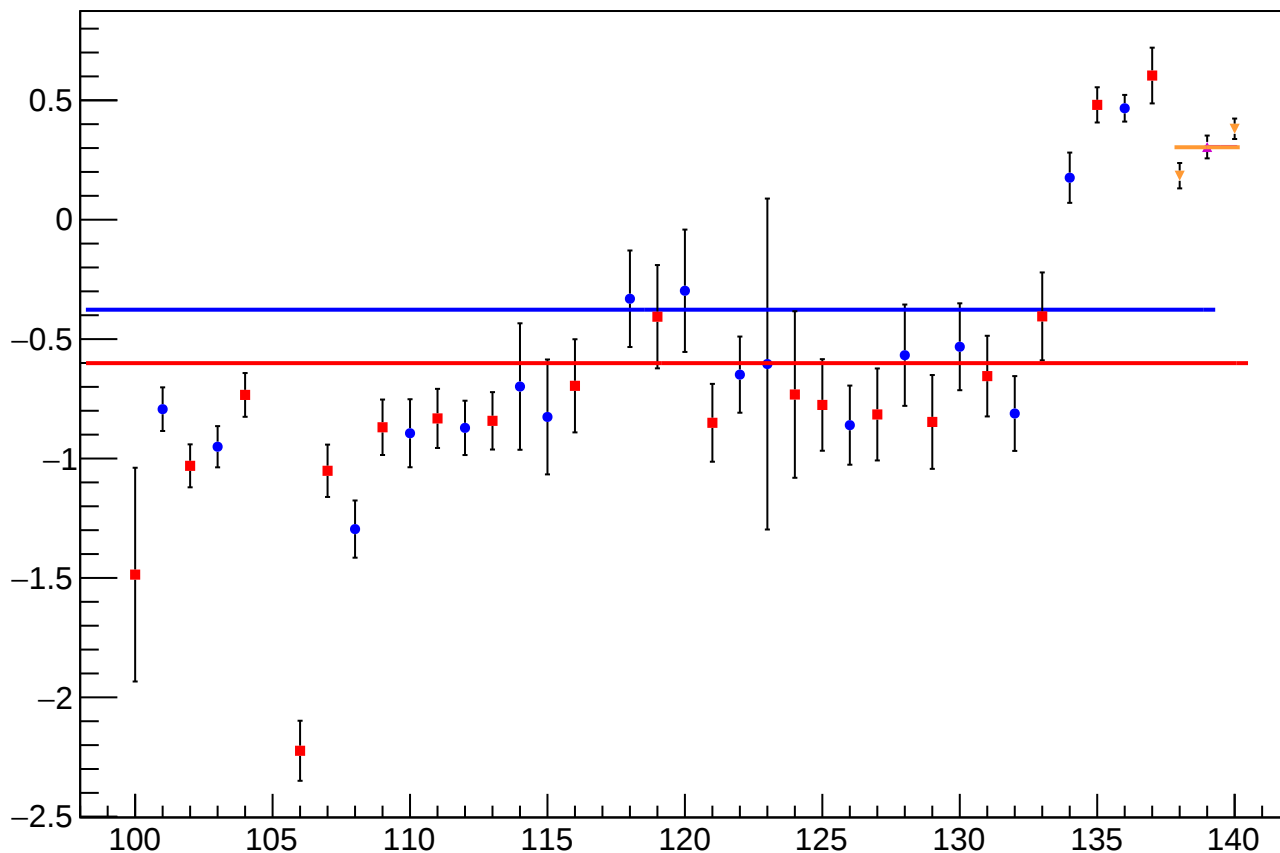
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.196 $\pm$ 0.540 χ^2 /NDF:462.2/17

Out: 19.431 $\pm$ 0.455 χ^2 /NDF:441.3/20

All: 20.996 $\pm$ 0.348 χ^2 /NDF: 931.9/38

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.303 ± 0.033 χ^2/NDF : 8.3/1

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.305 ± 0.048 χ^2/NDF : 0.0/0

Left: 0.304 ± 0.027 χ^2/NDF : 8.3/2

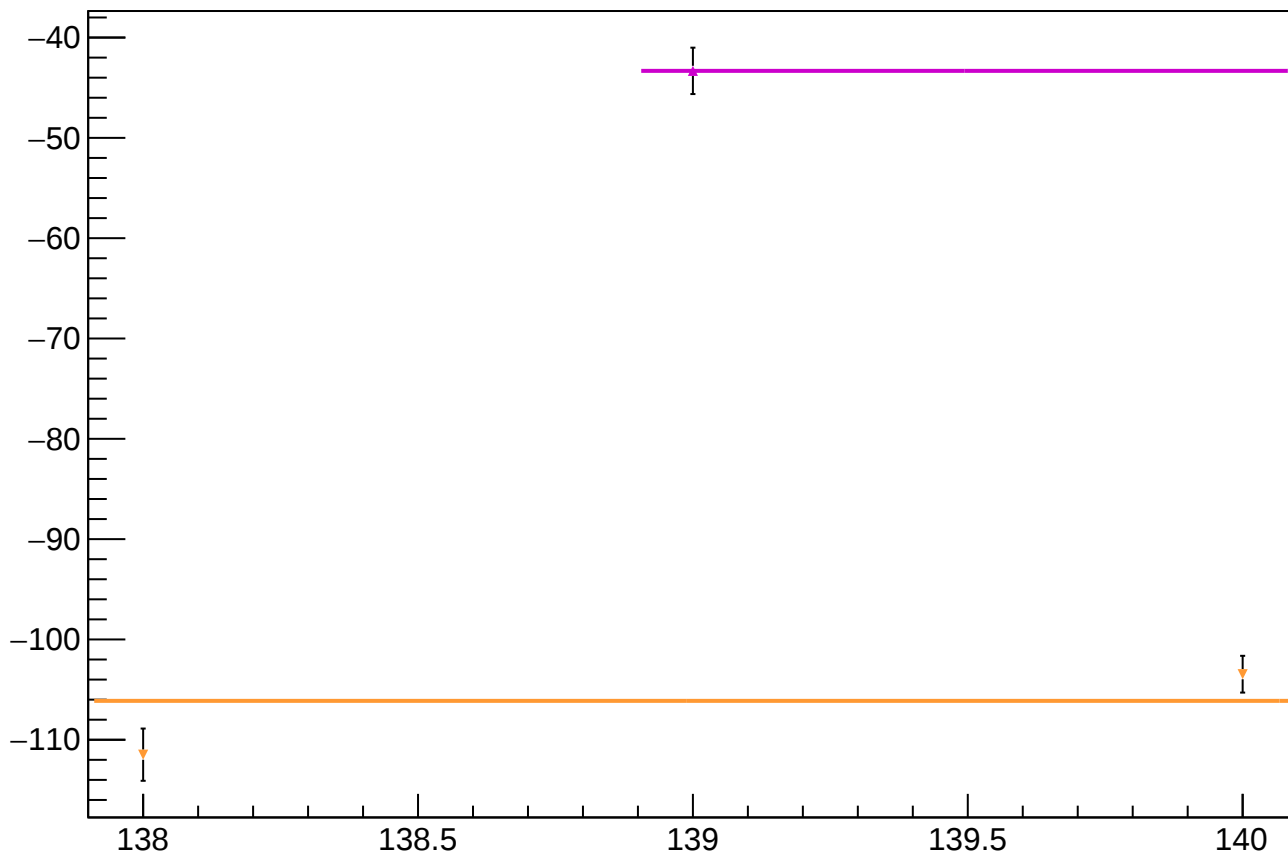
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: -0.183 ± 0.025 χ^2/NDF : 583.2/17

Out: -0.193 ± 0.022 χ^2/NDF : 967.8/20

All: -0.189 ± 0.017 χ^2/NDF : 1551.0/38

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -106.121+/-1.499 χ^2 /NDF:6.3/1

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

Left In: -43.321+/-2.312 χ^2 /NDF:0.0/0

Left: -87.539+/-1.258 χ^2 /NDF: 525.9/2

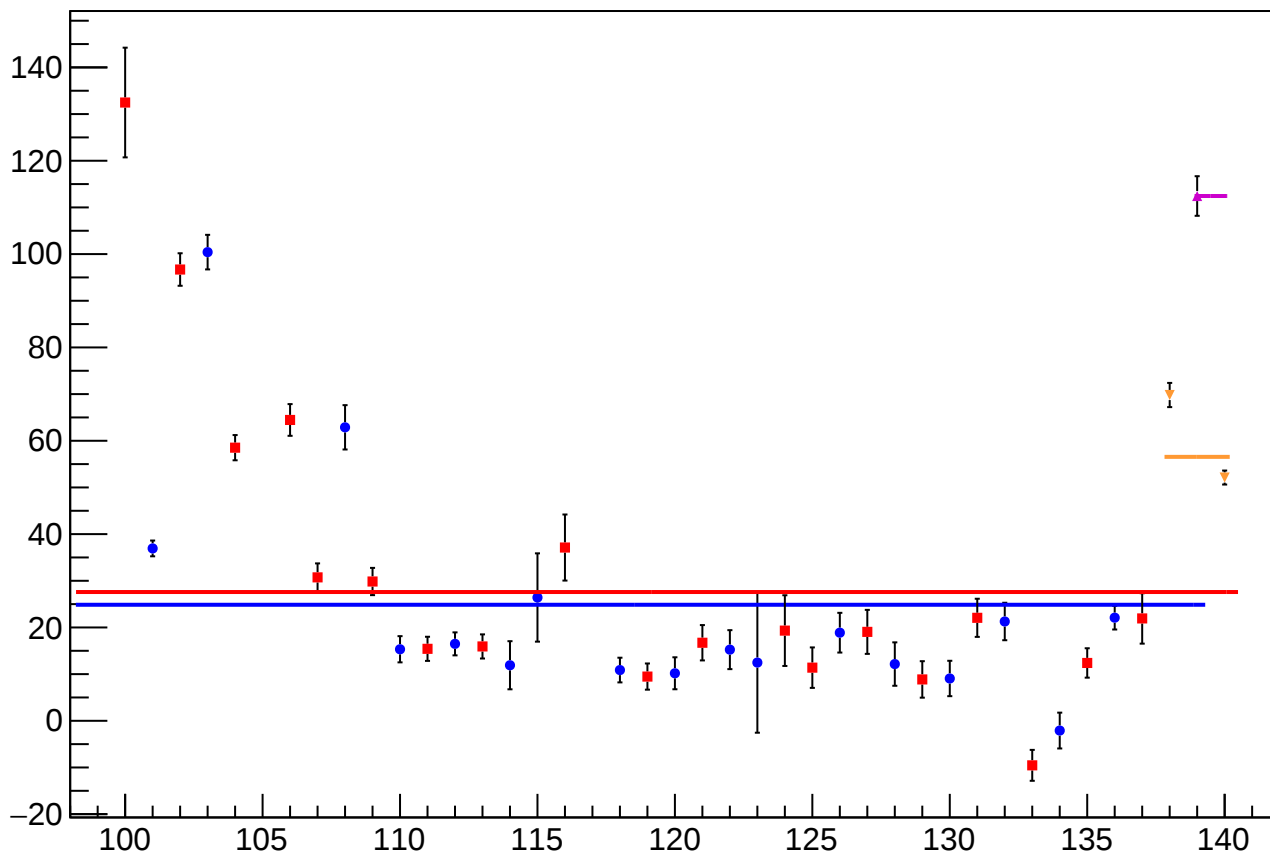
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -43.321+/-2.312 χ^2 /NDF:0.0/0

Out: -106.121+/-1.499 χ^2 /NDF:6.3/1

All: -87.539+/-1.258 χ^2 /NDF: 525.9/2

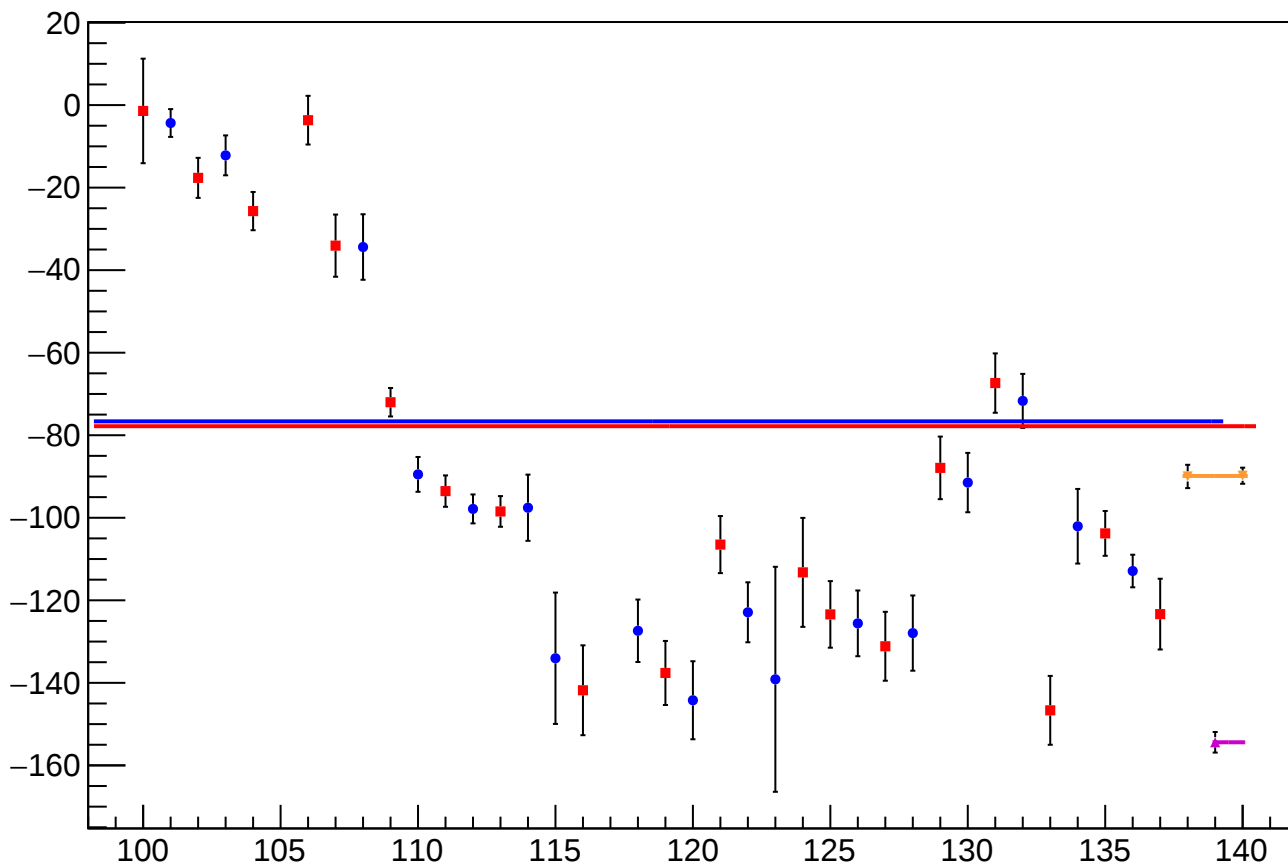
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 56.554 $\pm$ 1.298 χ^2 /NDF:34.9/1
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 112.445 $\pm$ 4.242 χ^2 /NDF:0.0/0

Left: 61.337 $\pm$ 1.241 χ^2 /NDF: 193.6/2
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 27.885 $\pm$ 0.788 χ^2 /NDF:1102.5/17
 Out: 35.707 $\pm$ 0.687 χ^2 /NDF:1404.2/20
 All: 32.329 $\pm$ 0.518 χ^2 /NDF: 2562.7/38

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -89.868 ± 1.606 χ^2/NDF : 0.0/1

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -154.401 ± 2.496 χ^2/NDF : 0.0/0

Left: -108.754 ± 1.350 χ^2/NDF : 472.7/2

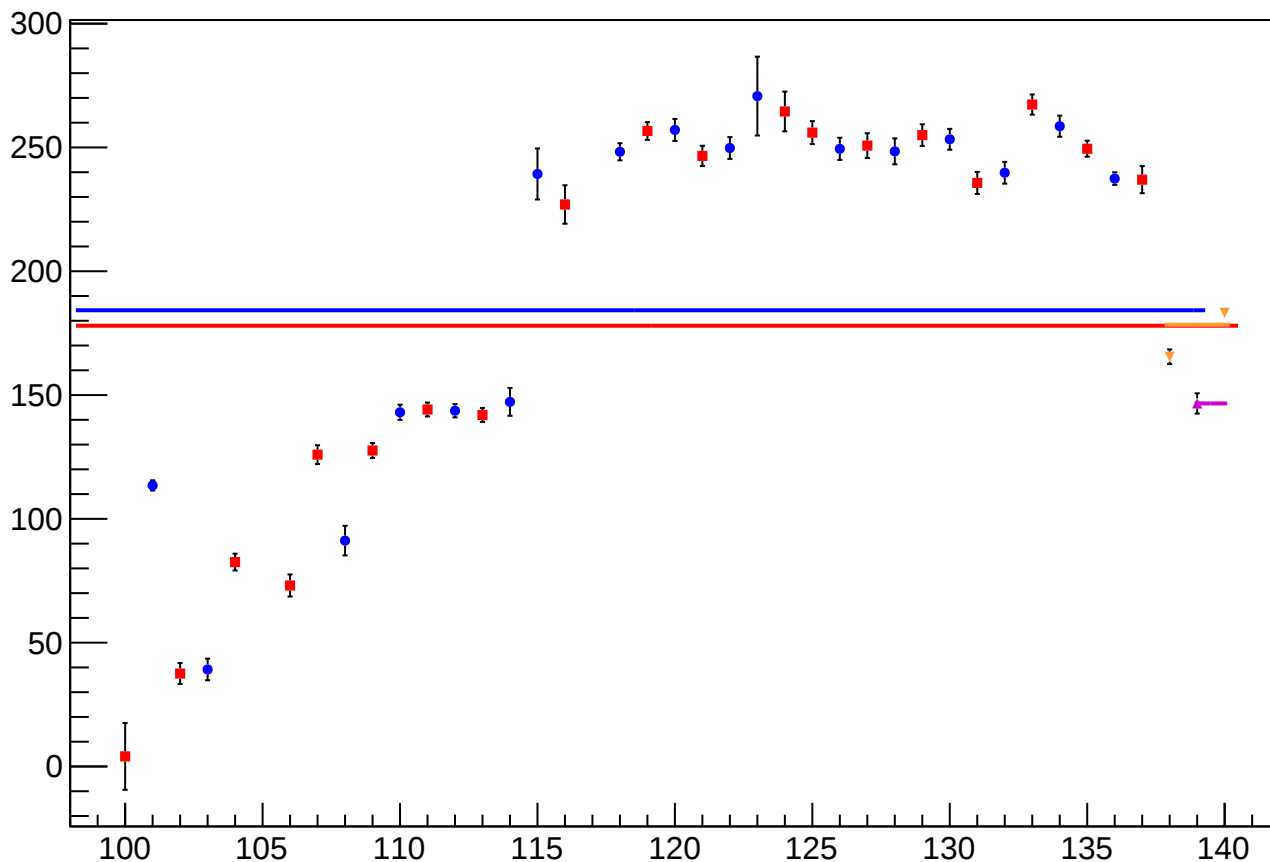
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -95.547 ± 1.231 χ^2/NDF : 1775.2/17

Out: -82.816 ± 1.034 χ^2/NDF : 906.2/20

All: -88.085 ± 0.792 χ^2/NDF : 2744.1/38

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: 178.407 $\pm$ 1.546 χ^2/NDF :25.9/1

Right Out: 178.003 $\pm$ 0.924 χ^2/NDF : 6338.0/18

Left In: 146.616 $\pm$ 4.091 χ^2/NDF :0.0/0

Left: 174.435 $\pm$ 1.446 χ^2/NDF : 78.8/2

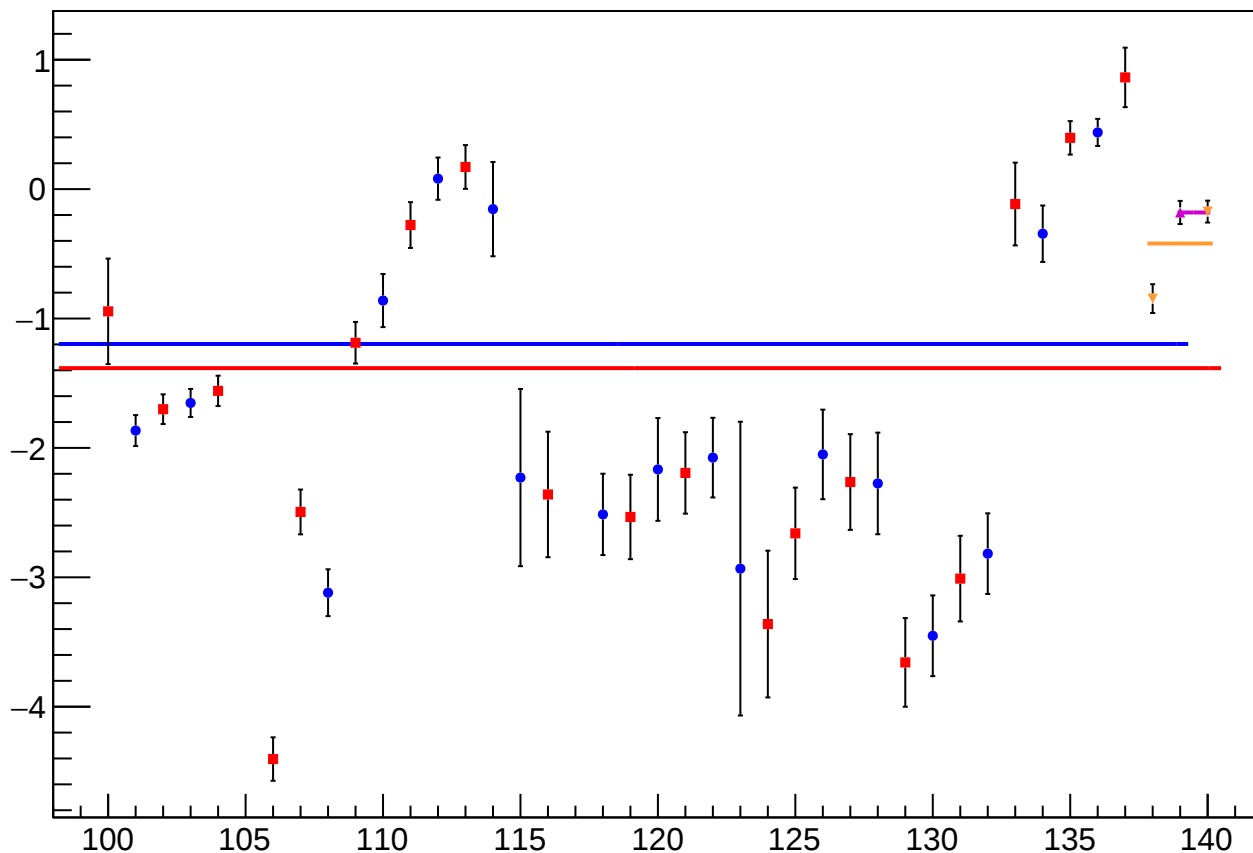
Right: 181.152 $\pm$ 0.650 χ^2/NDF : 11749.6/35

In: 182.452 $\pm$ 0.893 χ^2/NDF :5469.2/17

Out: 178.109 $\pm$ 0.793 χ^2/NDF :6364.0/20

All: 180.023 $\pm$ 0.593 χ^2/NDF : 11846.4/38

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.420 ± 0.067 χ^2/NDF : 23.1/1

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.181 ± 0.089 χ^2/NDF : 0.0/0

Left: -0.334 ± 0.054 χ^2/NDF : 27.7/2

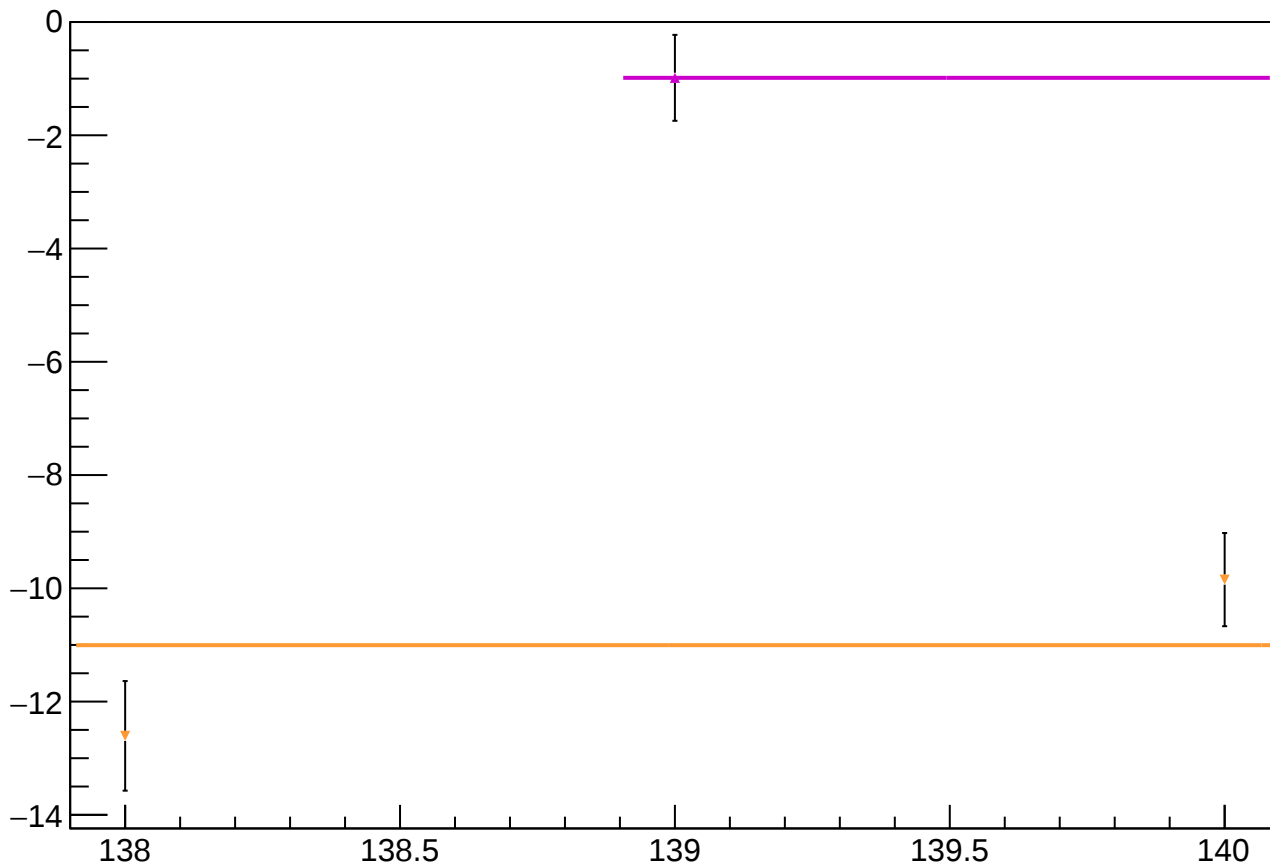
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.969 ± 0.042 χ^2/NDF : 721.6/17

Out: -1.079 ± 0.038 χ^2/NDF : 1086.3/20

All: -1.030 ± 0.028 χ^2/NDF : 1811.7/38

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

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

Left In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Left: -6.940+/-0.483 χ^2/NDF : 108.3/2

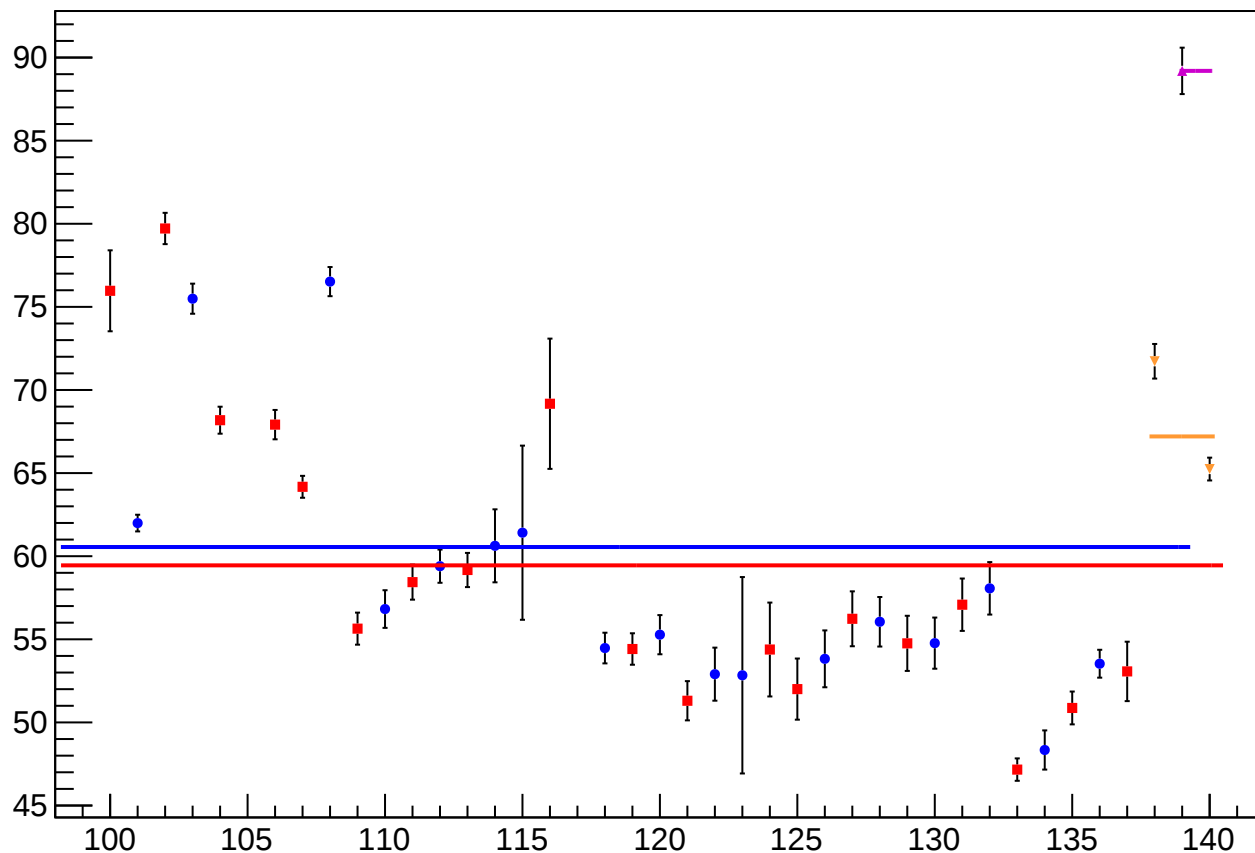
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

All: -6.940+/-0.483 χ^2/NDF : 108.3/2

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 67.205 $\pm$ 0.573 χ^2 /NDF:27.0/1

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 89.198 $\pm$ 1.396 χ^2 /NDF:0.0/0

Left: 70.376 $\pm$ 0.530 χ^2 /NDF: 239.4/2

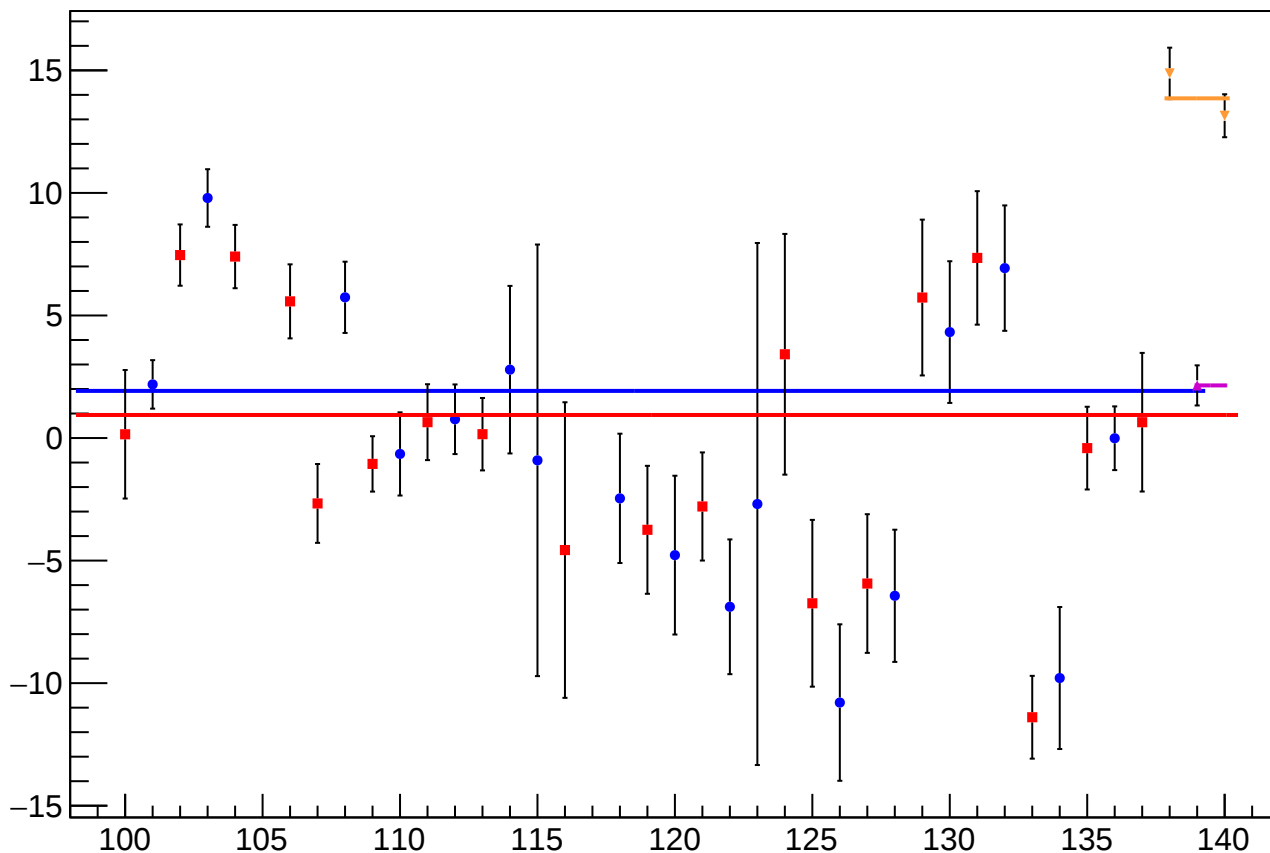
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 61.526 $\pm$ 0.257 χ^2 /NDF:1337.7/17

Out: 60.669 $\pm$ 0.227 χ^2 /NDF:1502.7/20

All: 61.045 $\pm$ 0.170 χ^2 /NDF: 2846.6/38

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 13.858+/-0.673 χ^2/NDF : 1.6/1

Right Out: 0.941+/-0.424 χ^2/NDF : 150.2/18

Left In: 2.147+/-0.819 χ^2/NDF : 0.0/0

Left: 9.136+/-0.520 χ^2/NDF : 123.7/2

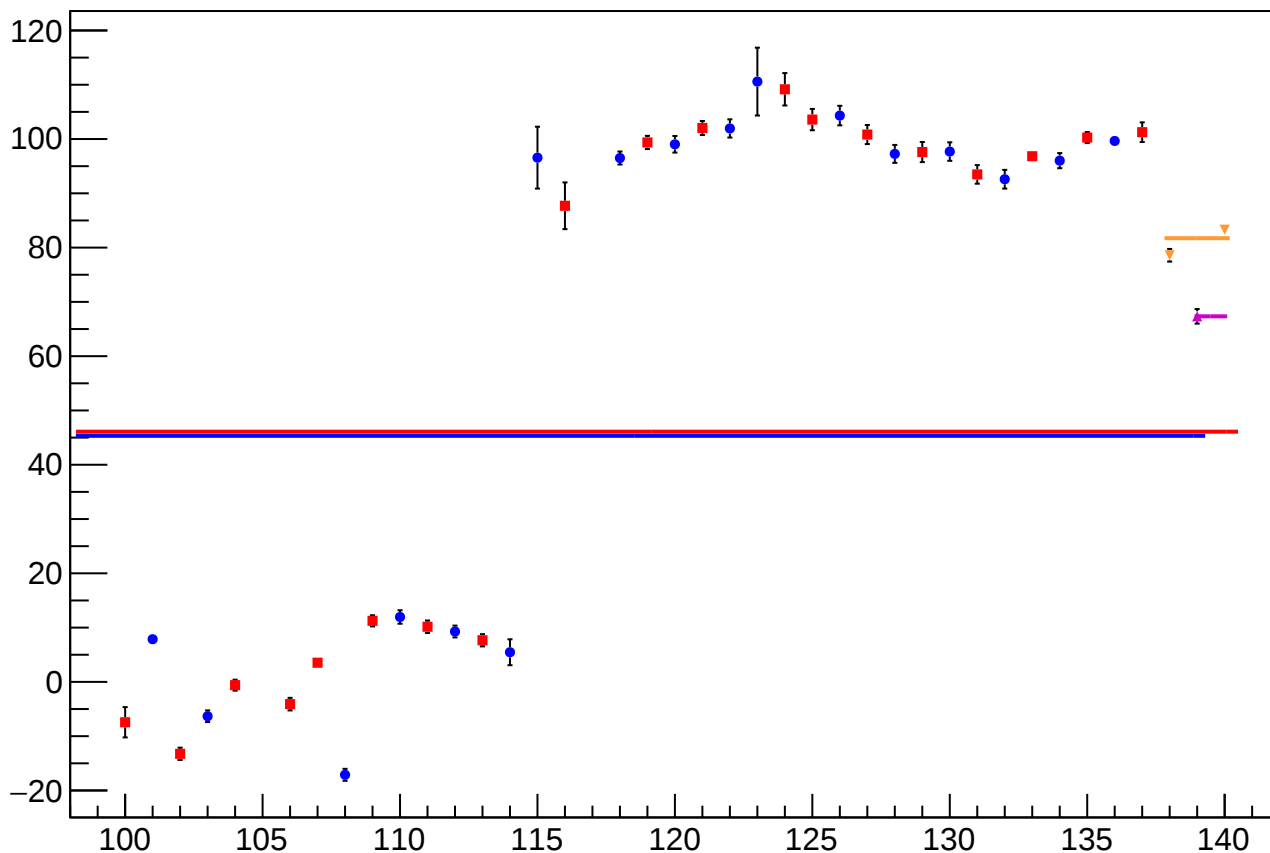
Right: 1.394+/-0.311 χ^2/NDF : 273.7/35

In: 1.976+/-0.400 χ^2/NDF : 121.1/17

Out: 4.612+/-0.359 χ^2/NDF : 415.5/20

All: 3.437+/-0.267 χ^2/NDF : 560.7/38

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 81.733+/-0.674 χ^2/NDF :10.9/1

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 67.340+/-1.347 χ^2/NDF :0.0/0

Left: 78.849+/-0.603 χ^2/NDF : 102.2/2

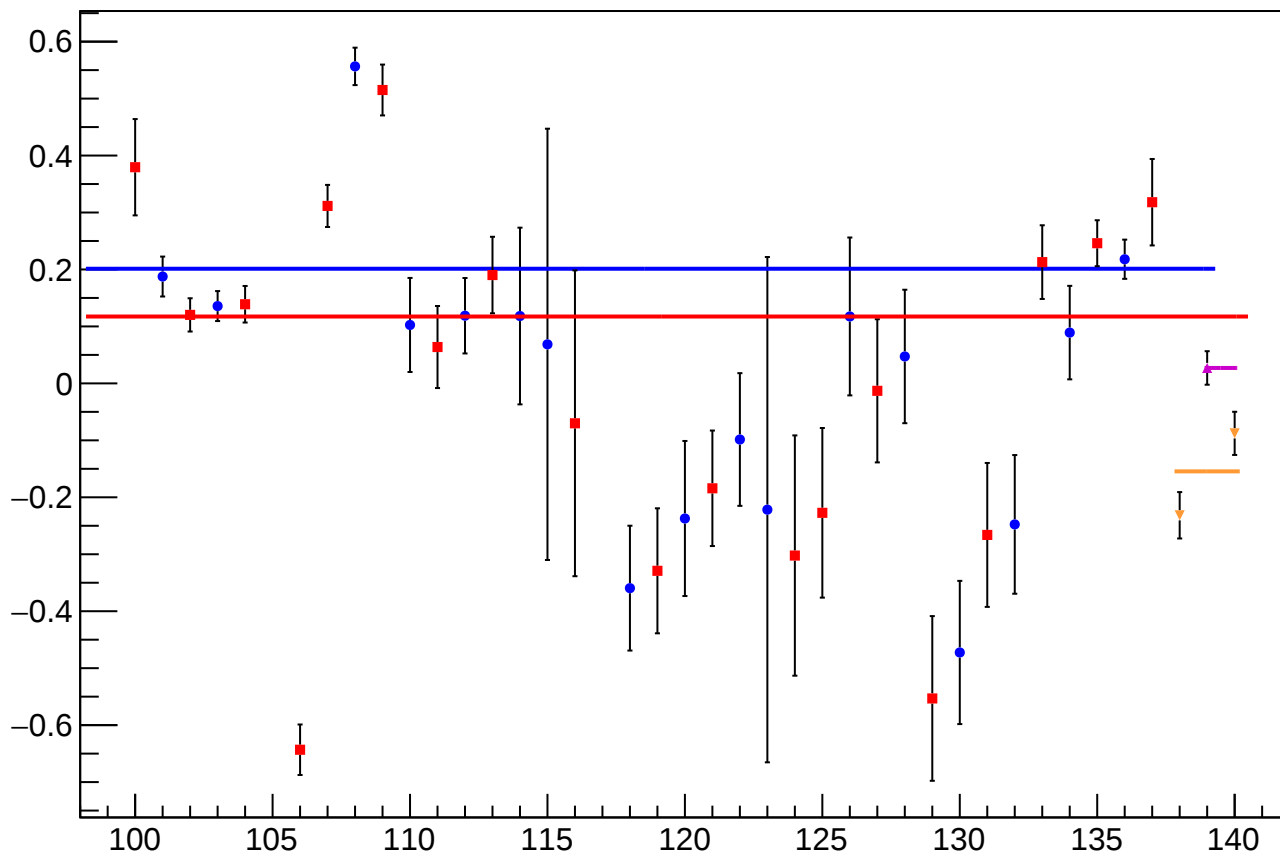
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 46.396+/-0.296 χ^2/NDF :25261.1/17

Out: 51.635+/-0.266 χ^2/NDF :30639.5/20

All: 49.298+/-0.198 χ^2/NDF : 56073.9/38

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.154 ± 0.028 χ^2/NDF : 6.7/1

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: 0.027 ± 0.029 χ^2/NDF : 0.0/0

Left: -0.069 ± 0.020 χ^2/NDF : 26.8/2

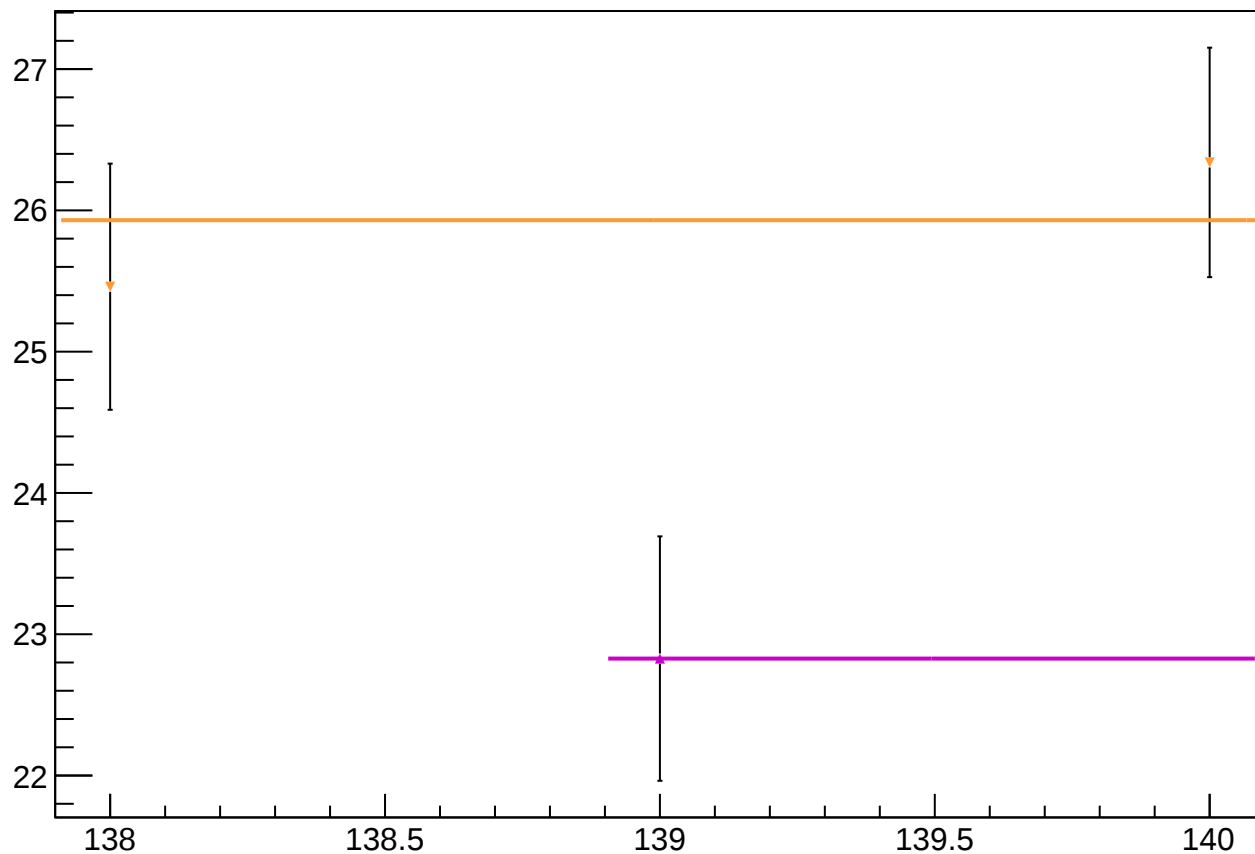
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.169 ± 0.013 χ^2/NDF : 245.8/17

Out: 0.068 ± 0.012 χ^2/NDF : 584.8/20

All: 0.115 ± 0.009 χ^2/NDF : 864.5/38

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

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

Left In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Left: 24.936+/-0.490 χ^2/NDF : 9.3/2

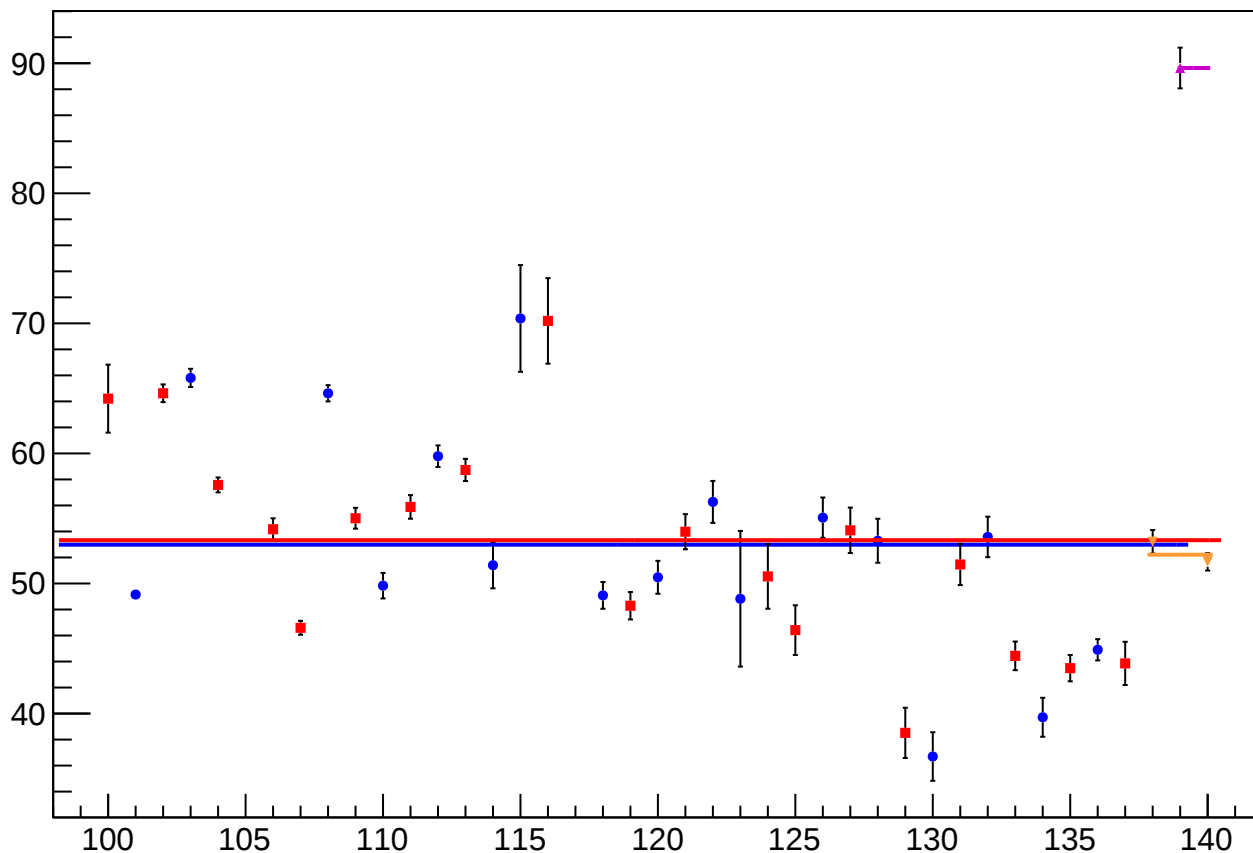
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

All: 24.936+/-0.490 χ^2/NDF : 9.3/2

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: 52.213 $\pm$ 0.538 χ^2 /NDF: 1.9/1

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 89.634 $\pm$ 1.563 χ^2 /NDF: 0.0/0

Left: 56.178 $\pm$ 0.509 χ^2 /NDF: 514.2/2

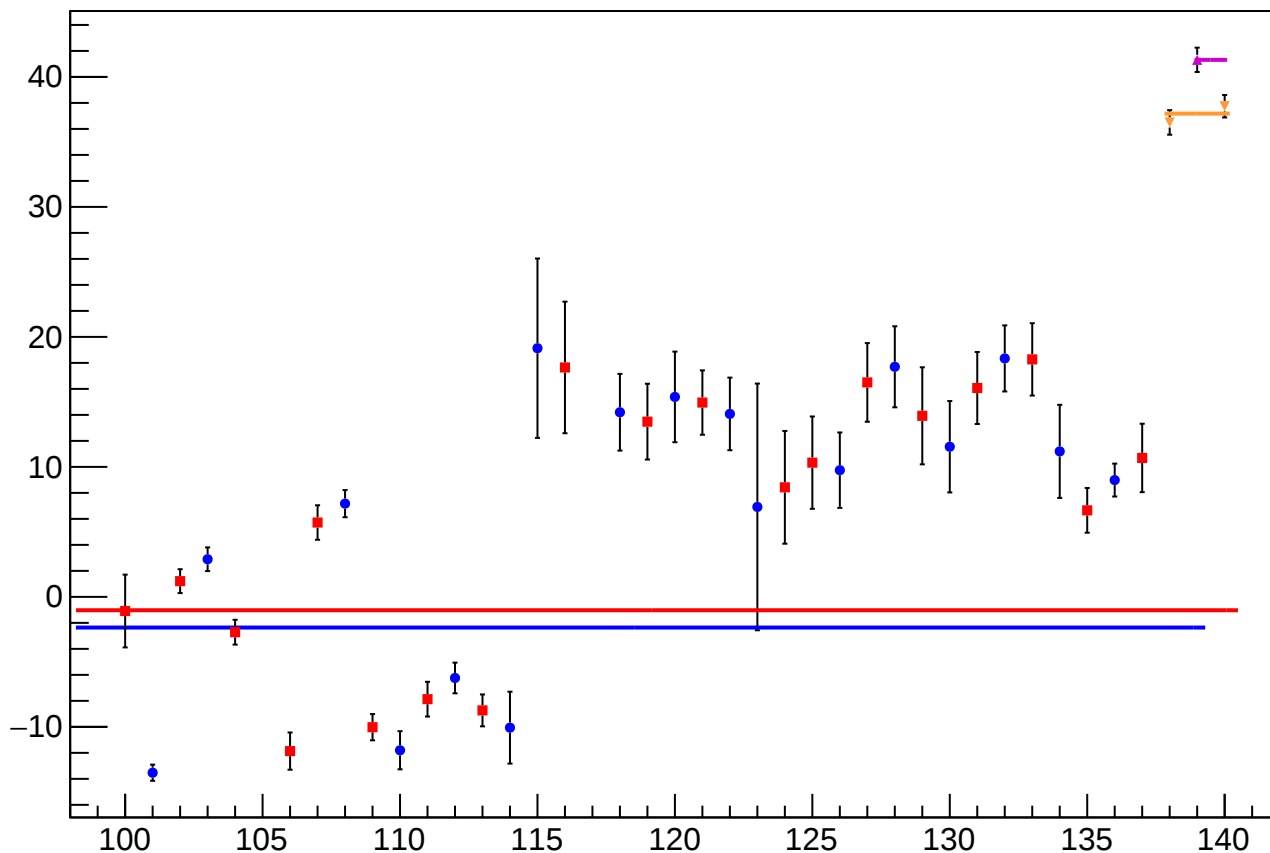
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 53.637 $\pm$ 0.208 χ^2 /NDF: 1737.8/17

Out: 53.162 $\pm$ 0.209 χ^2 /NDF: 879.4/20

All: 53.400 $\pm$ 0.148 χ^2 /NDF: 2619.8/38

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 37.178 ± 0.638 χ^2/NDF : 0.9/1

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 41.315 ± 0.936 χ^2/NDF : 0.0/0

Left: 38.490 ± 0.527 χ^2/NDF : 14.3/2

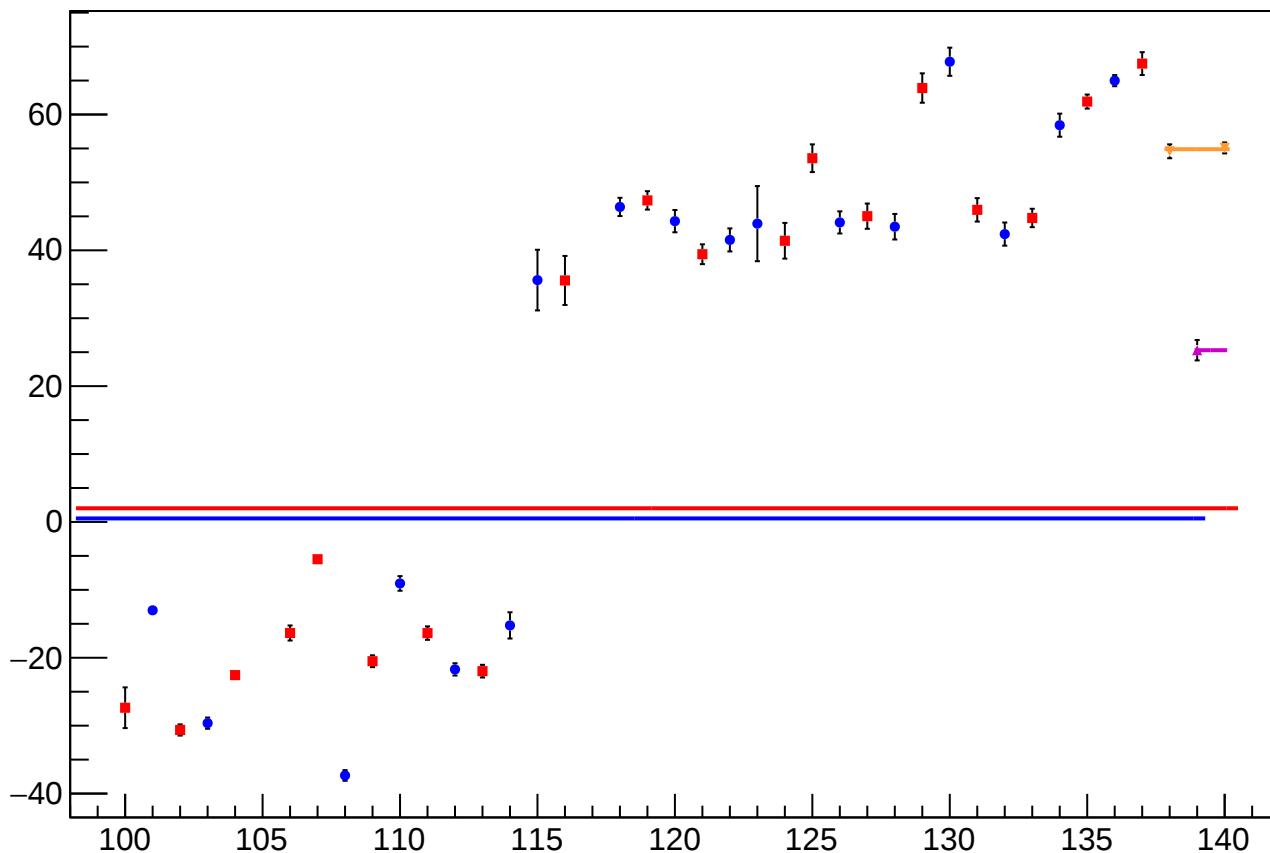
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 3.379 ± 0.339 χ^2/NDF : 2728.1/17

Out: 8.850 ± 0.324 χ^2/NDF : 3167.5/20

All: 6.238 ± 0.235 χ^2/NDF : 6031.4/38

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 54.889+/-0.634 χ^2/NDF : 0.1/1

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 25.291+/-1.505 χ^2/NDF : 0.0/0

Left: 50.426+/-0.585 χ^2/NDF : 328.5/2

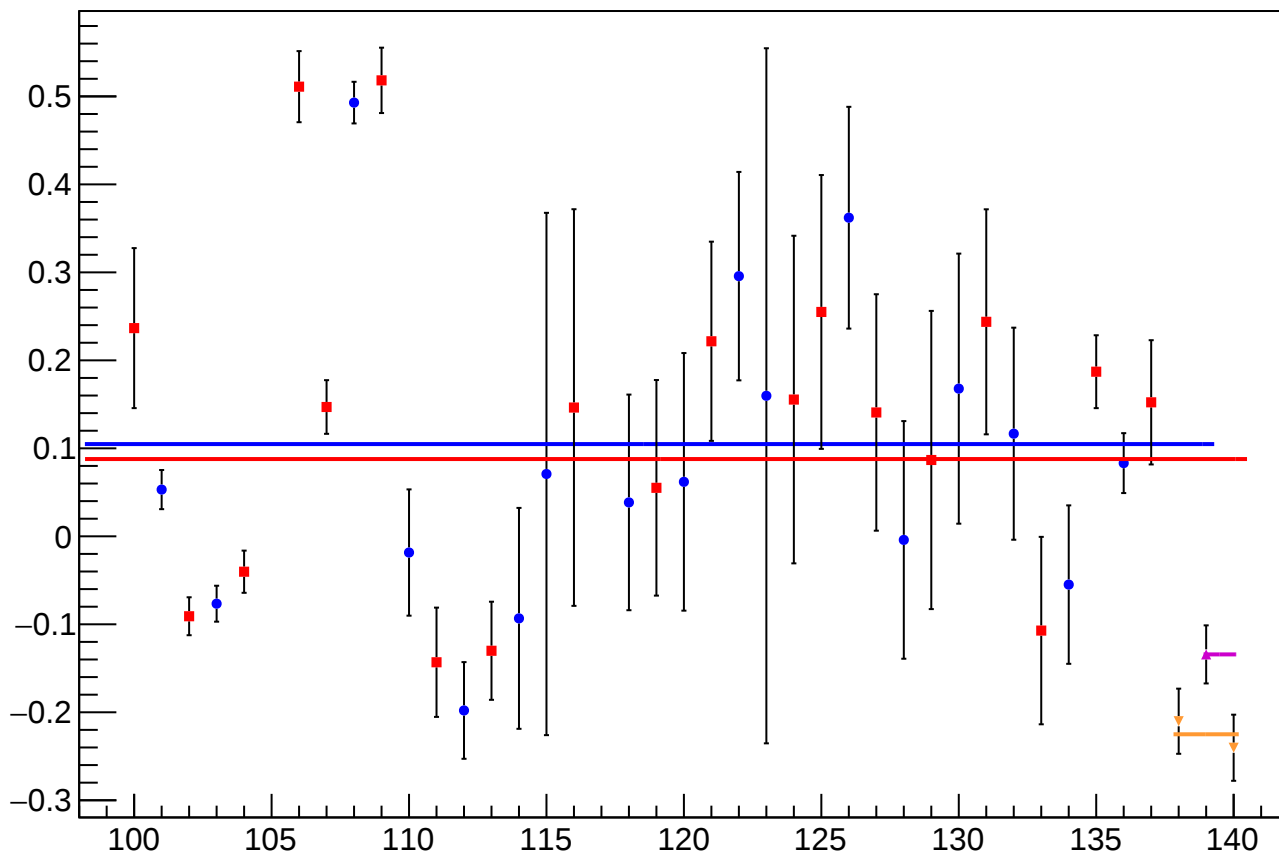
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 1.167+/-0.244 χ^2/NDF : 18649.8/17

Out: 9.938+/-0.246 χ^2/NDF : 21381.1/20

All: 5.518+/-0.173 χ^2/NDF : 40673.6/38

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.225 ± 0.026 χ^2/NDF : 0.3/1

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.134 ± 0.033 χ^2/NDF : 0.0/0

Left: -0.190 ± 0.021 χ^2/NDF : 4.9/2

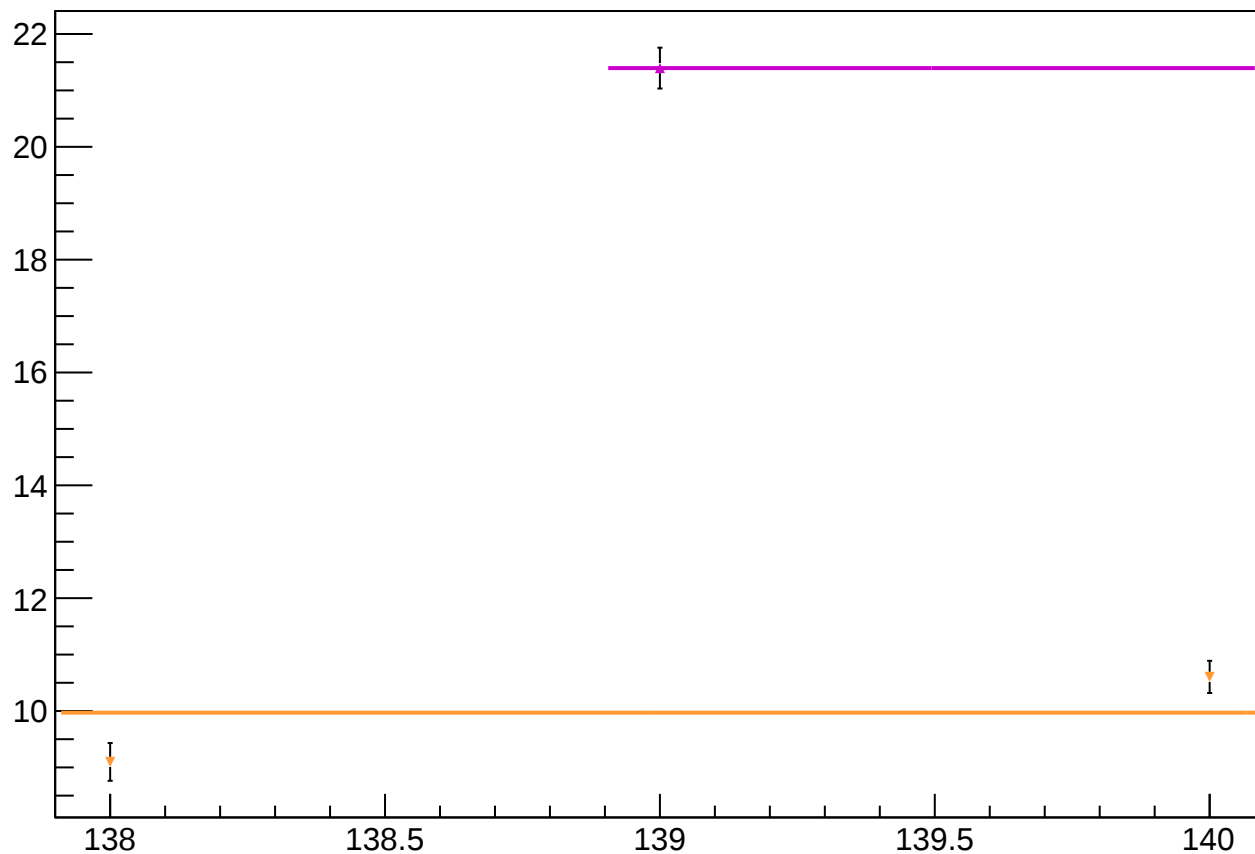
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: 0.081 ± 0.010 χ^2/NDF : 448.0/17

Out: 0.041 ± 0.010 χ^2/NDF : 511.2/20

All: 0.061 ± 0.007 χ^2/NDF : 966.5/38

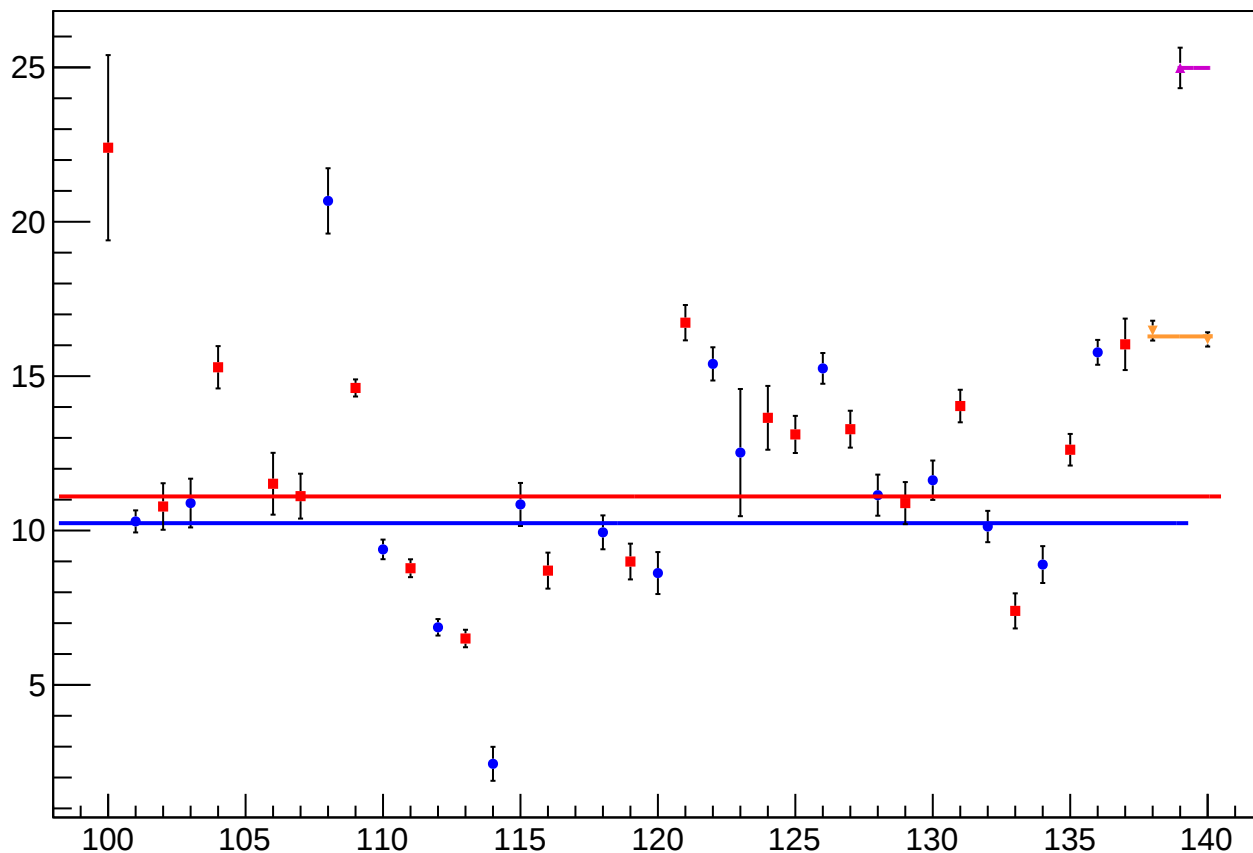
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.396+/-0.362 χ^2/NDF : 0.0/0

Left: 12.992+/-0.186 χ^2/NDF : 744.2/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.396+/-0.362 χ^2/NDF : 0.0/0
 Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 All: 12.992+/-0.186 χ^2/NDF : 744.2/2

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: 16.287 $\pm$ 0.188 χ^2 /NDF:0.5/1

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 24.983 $\pm$ 0.656 χ^2 /NDF:0.0/0

Left: 16.946 $\pm$ 0.181 χ^2 /NDF: 163.0/2

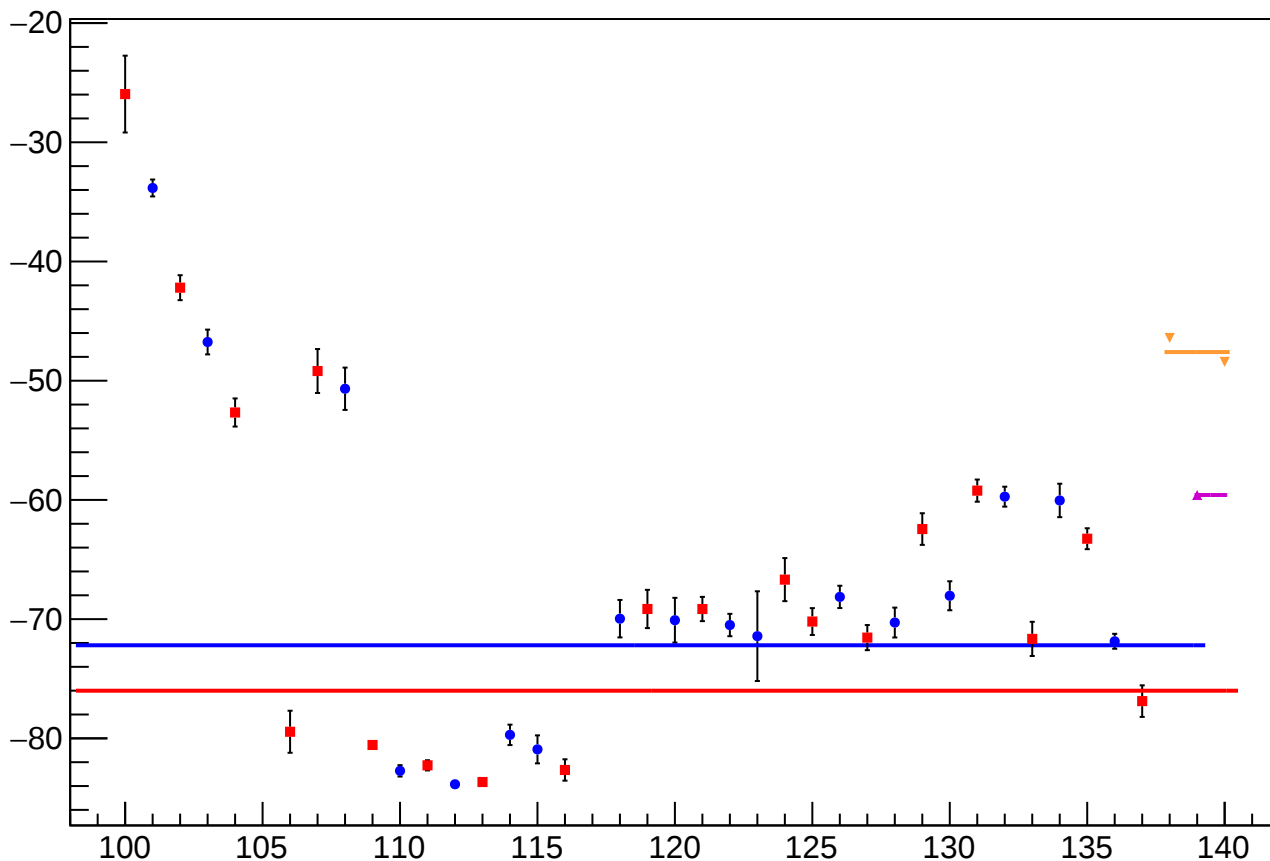
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.709 $\pm$ 0.117 χ^2 /NDF:1356.6/17

Out: 12.540 $\pm$ 0.099 χ^2 /NDF:1365.7/20

All: 11.779 $\pm$ 0.076 χ^2 /NDF: 2864.8/38

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -47.596 ± 0.233 $\chi^2/\text{NDF}: 17.9/1$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -59.587 ± 0.392 $\chi^2/\text{NDF}: 0.0/0$

Left: -50.727 ± 0.200 $\chi^2/\text{NDF}: 710.1/2$

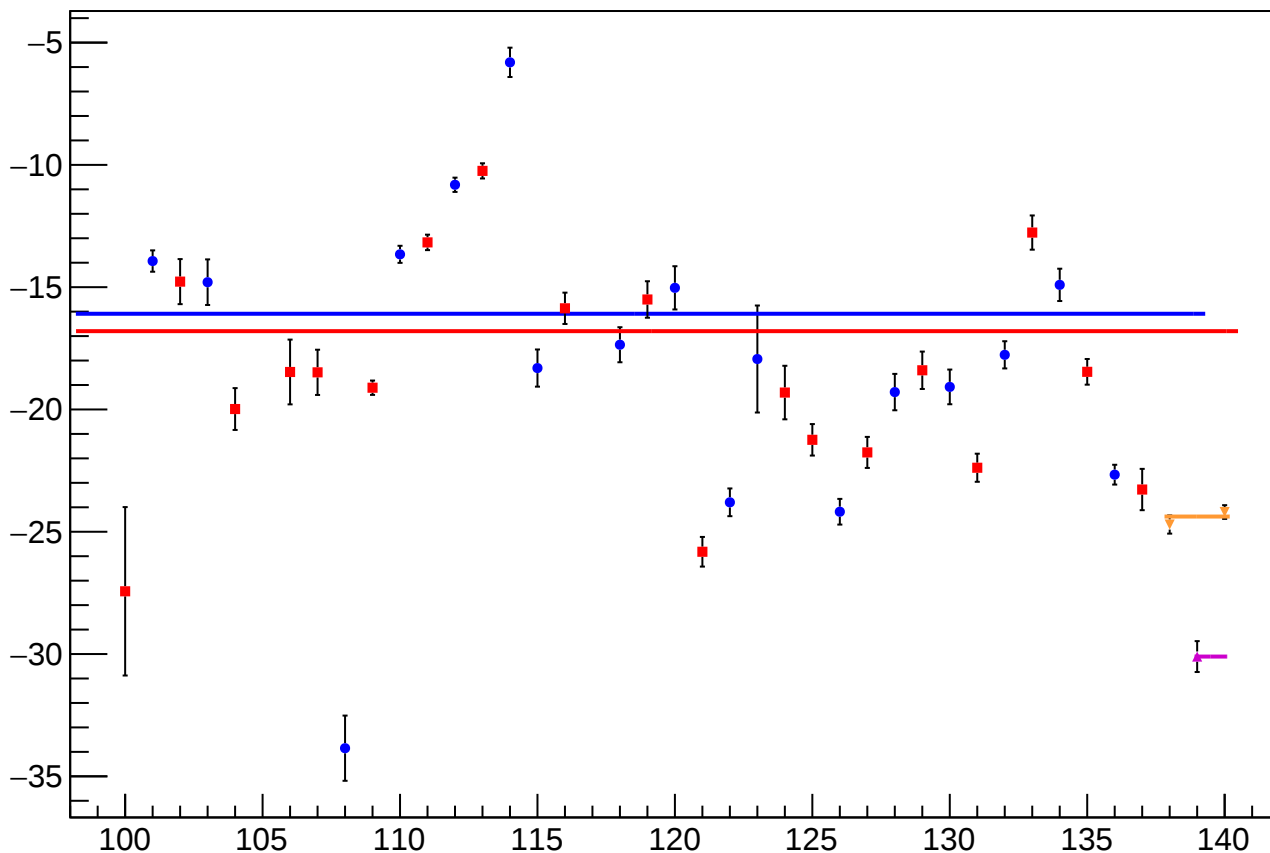
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -69.625 ± 0.177 $\chi^2/\text{NDF}: 6387.4/17$

Out: -65.309 ± 0.143 $\chi^2/\text{NDF}: 12761.8/20$

All: -67.014 ± 0.111 $\chi^2/\text{NDF}: 19509.7/38$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -24.378 $\pm$ 0.224 χ^2 /NDF: 1.2/1

Right Out: -16.798 $\pm$ 0.128 χ^2 /NDF: 1214.0/18

Left In: -30.103 $\pm$ 0.632 χ^2 /NDF: 0.0/0

Left: -25.016 $\pm$ 0.211 χ^2 /NDF: 74.2/2

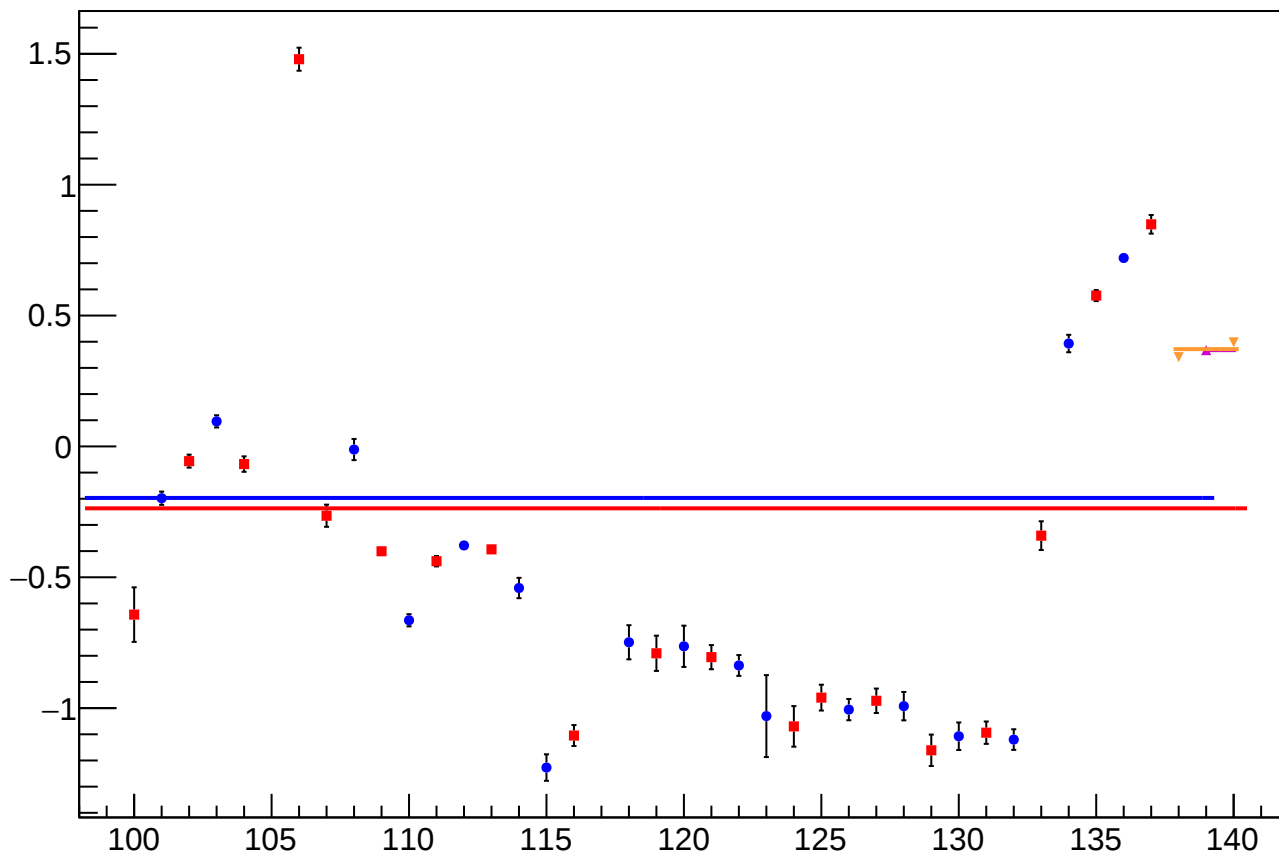
Right: -16.454 $\pm$ 0.092 χ^2 /NDF: 2850.6/35

In: -16.677 $\pm$ 0.130 χ^2 /NDF: 2093.2/17

Out: -18.670 $\pm$ 0.111 χ^2 /NDF: 2079.2/20

All: -17.825 $\pm$ 0.084 χ^2 /NDF: 4308.6/38

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.372 ± 0.010 χ^2/NDF : 8.3/1

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.368 ± 0.014 χ^2/NDF : 0.0/0

Left: 0.371 ± 0.008 χ^2/NDF : 8.4/2

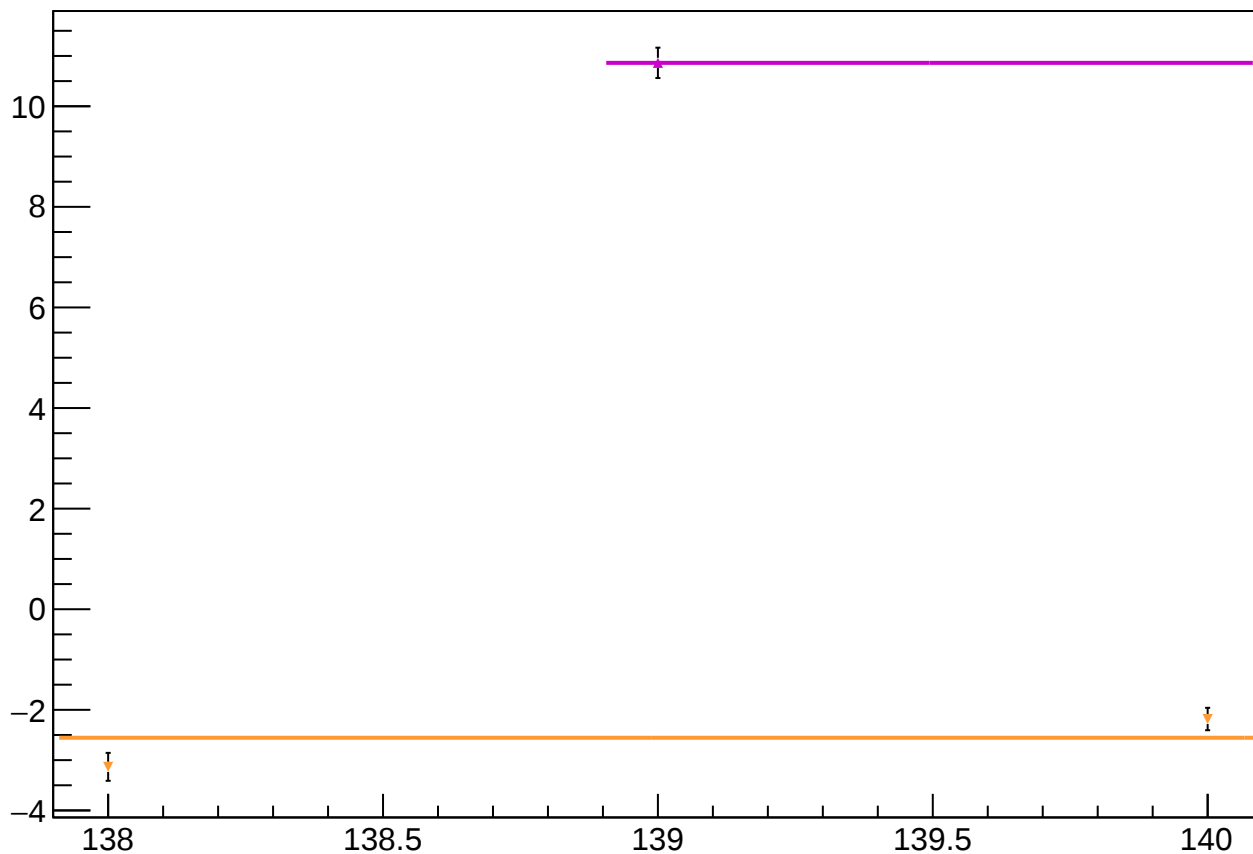
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: -0.067 ± 0.007 χ^2/NDF : 7614.3/17

Out: -0.023 ± 0.006 χ^2/NDF : 8752.1/20

All: -0.042 ± 0.004 χ^2/NDF : 16391.4/38

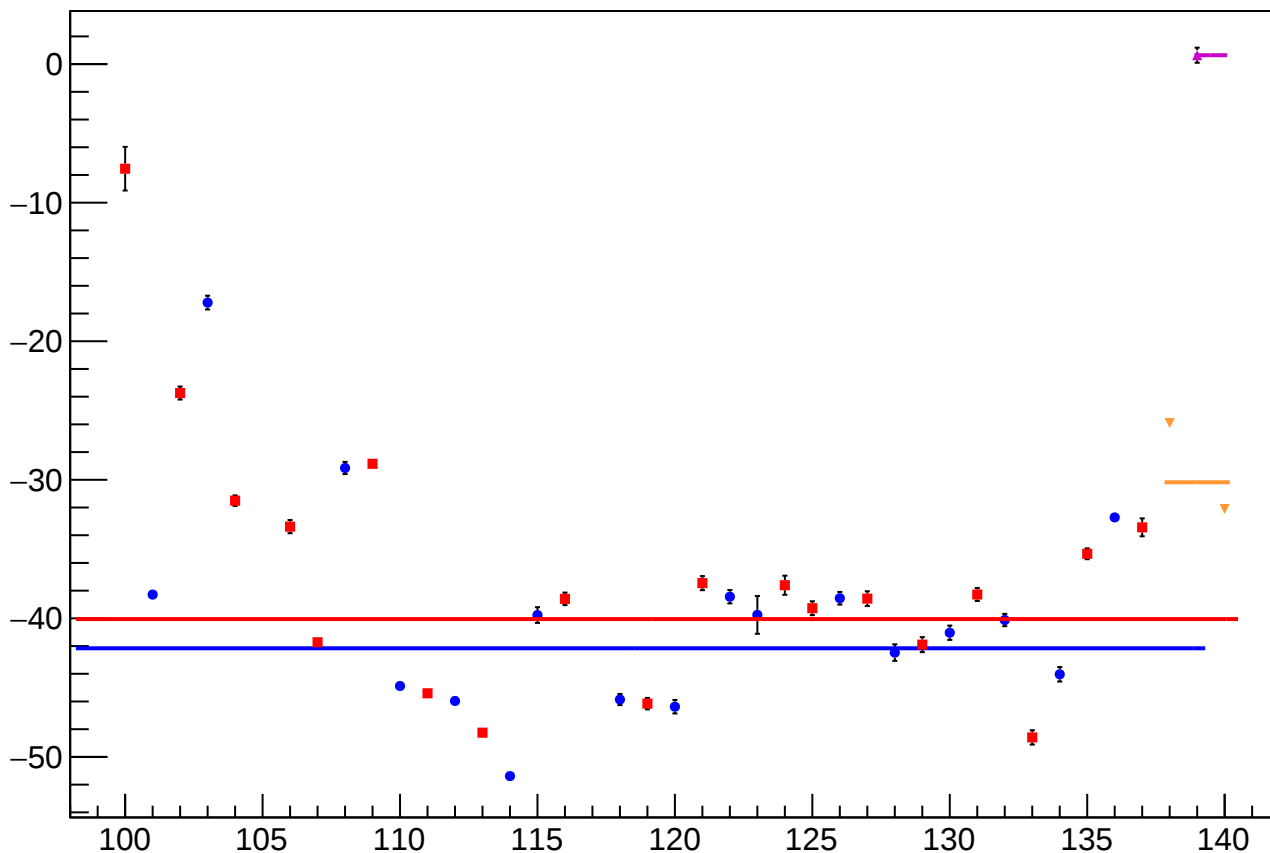
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.555±/-0.174 χ^2 /NDF:7.1/1
 Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left In: 10.863±/-0.302 χ^2 /NDF:0.0/0

Left: 0.783±/-0.151 χ^2 /NDF: 1491.7/2
 Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 In: 10.863±/-0.302 χ^2 /NDF:0.0/0
 Out: -2.555±/-0.174 χ^2 /NDF:7.1/1
 All: 0.783±/-0.151 χ^2 /NDF: 1491.7/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -30.178 ± 0.150 χ^2/NDF : 365.5/1

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: 0.642 ± 0.545 χ^2/NDF : 0.0/0

Left: -27.999 ± 0.145 χ^2/NDF : 3341.7/2

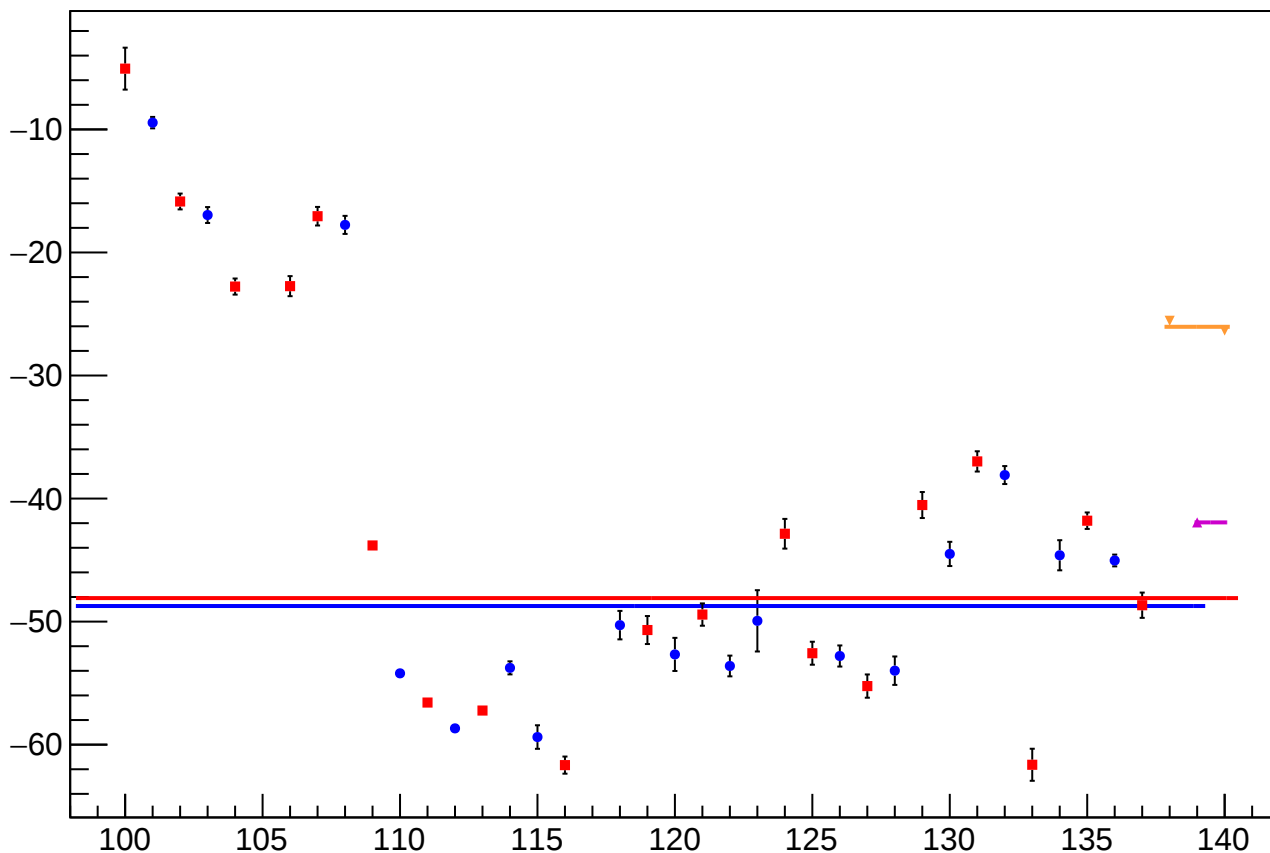
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -41.302 ± 0.077 χ^2/NDF : 12623.7/17

Out: -38.174 ± 0.065 χ^2/NDF : 15175.0/20

All: -39.484 ± 0.050 χ^2/NDF : 28754.4/38

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -26.041 ± 0.186 χ^2/NDF : 4.3/1

Right Out: -48.090 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -41.937 ± 0.327 χ^2/NDF : 0.0/0

Left: -29.937 ± 0.162 χ^2/NDF : 1790.1/2

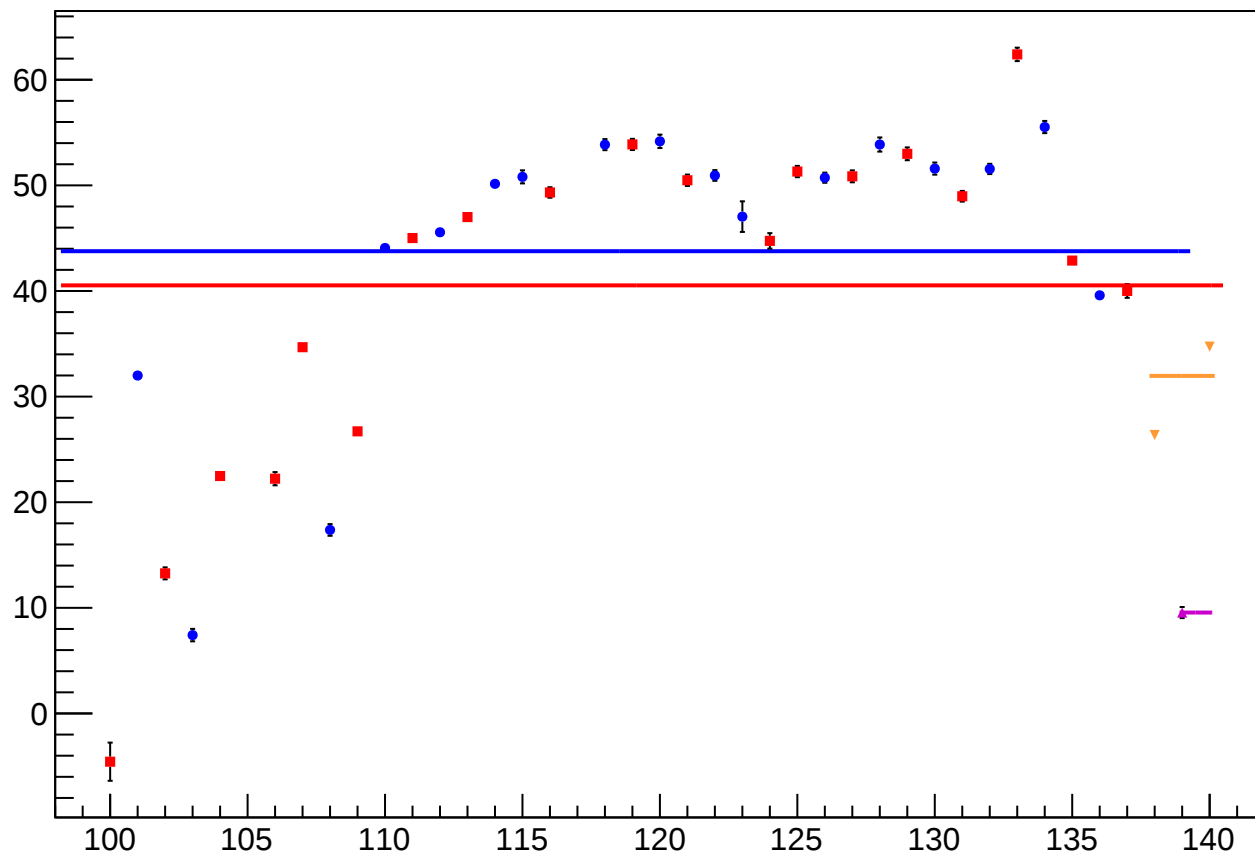
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -47.870 ± 0.116 χ^2/NDF : 15036.9/17

Out: -42.600 ± 0.093 χ^2/NDF : 22263.1/20

All: -44.650 ± 0.073 χ^2/NDF : 38550.4/38

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: 31.962 $\pm$ 0.179 χ^2 /NDF:484.9/1

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 9.554 $\pm$ 0.524 χ^2 /NDF:0.0/0

Left: 29.627 $\pm$ 0.169 χ^2 /NDF: 2121.2/2

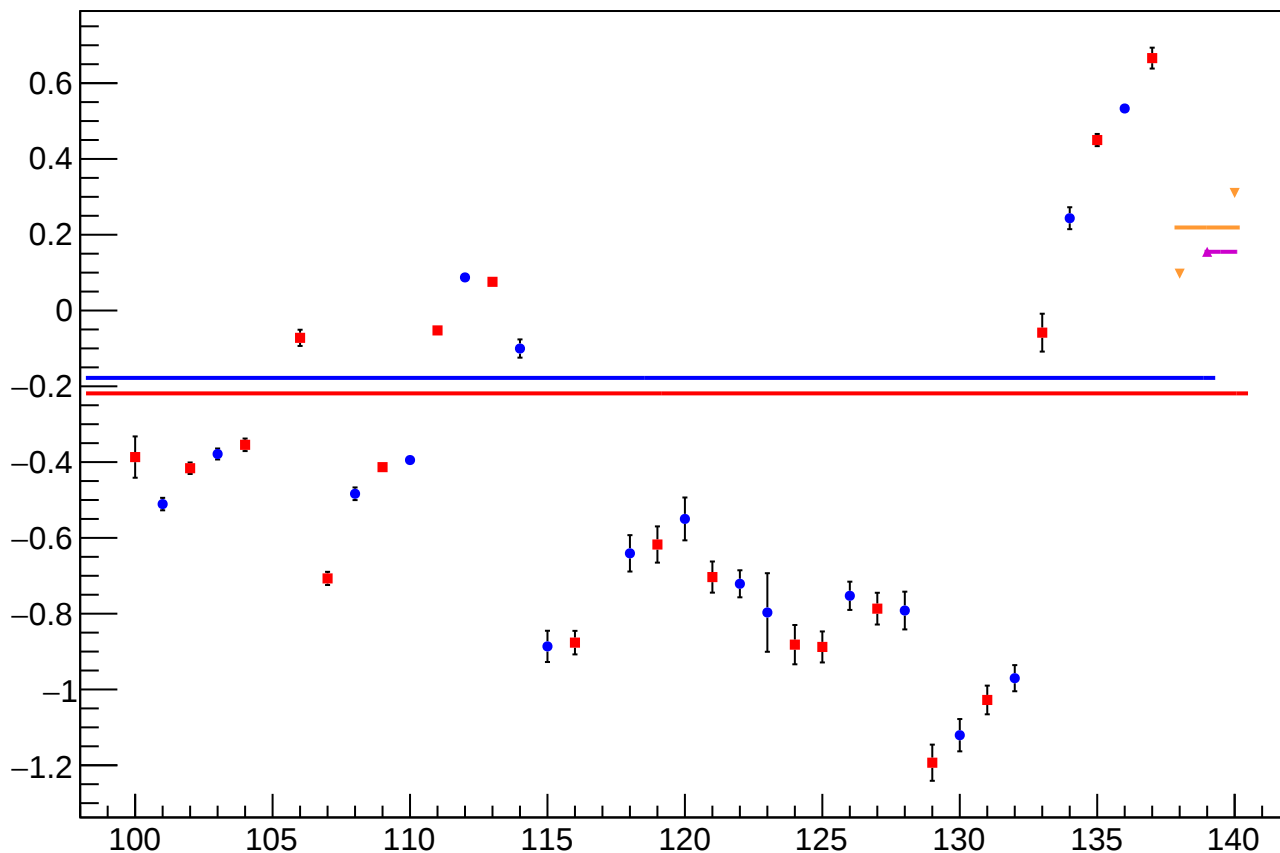
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.854 $\pm$ 0.086 χ^2 /NDF:14778.0/17

Out: 39.097 $\pm$ 0.073 χ^2 /NDF:19977.8/20

All: 40.682 $\pm$ 0.056 χ^2 /NDF: 35868.2/38

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.219 ± 0.008 χ^2/NDF : 181.9/1

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.155 ± 0.011 χ^2/NDF : 0.0/0

Left: 0.199 ± 0.006 χ^2/NDF : 203.3/2

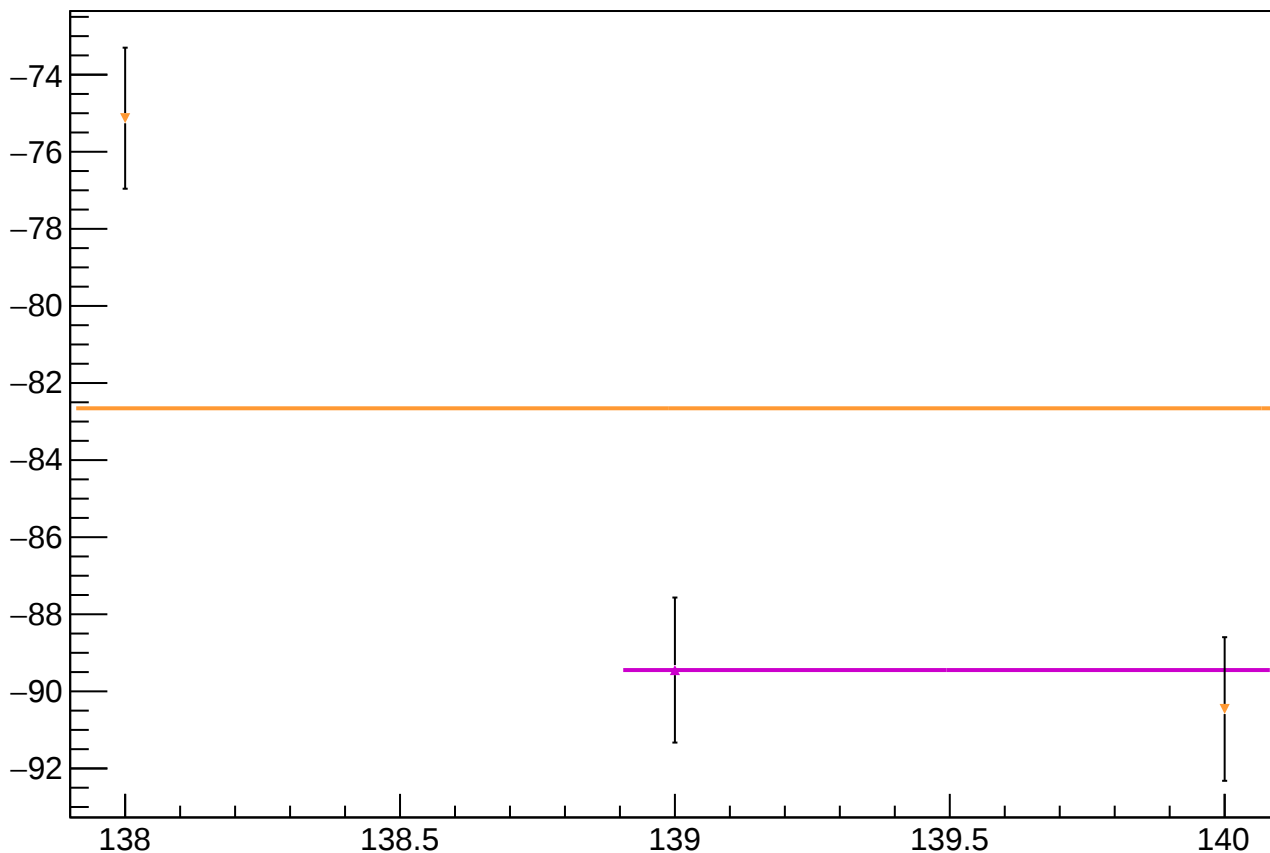
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.128 ± 0.004 χ^2/NDF : 8077.2/17

Out: -0.117 ± 0.004 χ^2/NDF : 10056.8/20

All: -0.121 ± 0.003 χ^2/NDF : 18137.4/38

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -82.656+/-1.305 χ^2/NDF :34.5/1

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

Left In: -89.447+/-1.881 χ^2/NDF :0.0/0

Left: -84.863+/-1.073 χ^2/NDF : 43.3/2

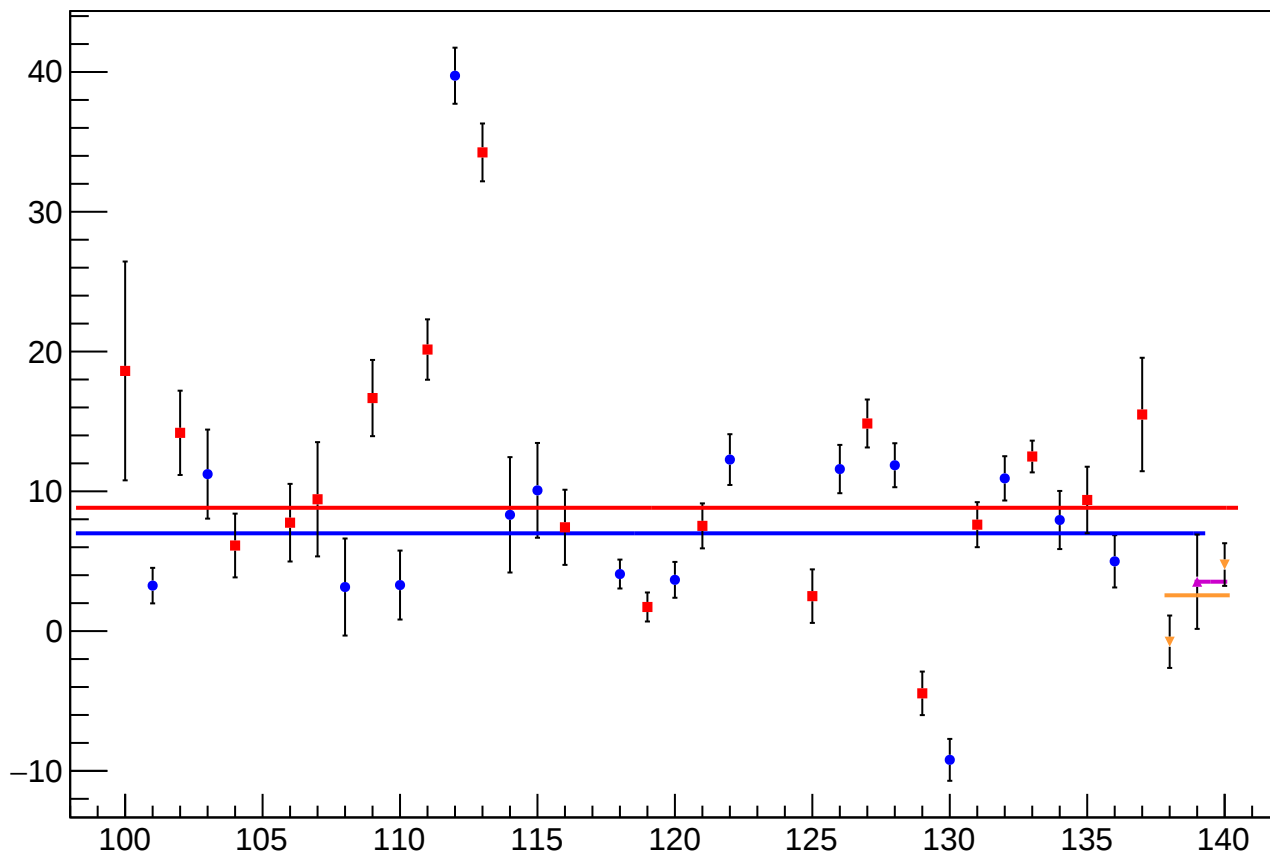
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.447+/-1.881 χ^2/NDF :0.0/0

Out: -82.656+/-1.305 χ^2/NDF :34.5/1

All: -84.863+/-1.073 χ^2/NDF : 43.3/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.561 $\pm$ 1.183 χ^2 /NDF: 5.2/1

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 3.534 $\pm$ 3.376 χ^2 /NDF: 0.0/0

Left: 2.668 $\pm$ 1.117 χ^2 /NDF: 5.3/2

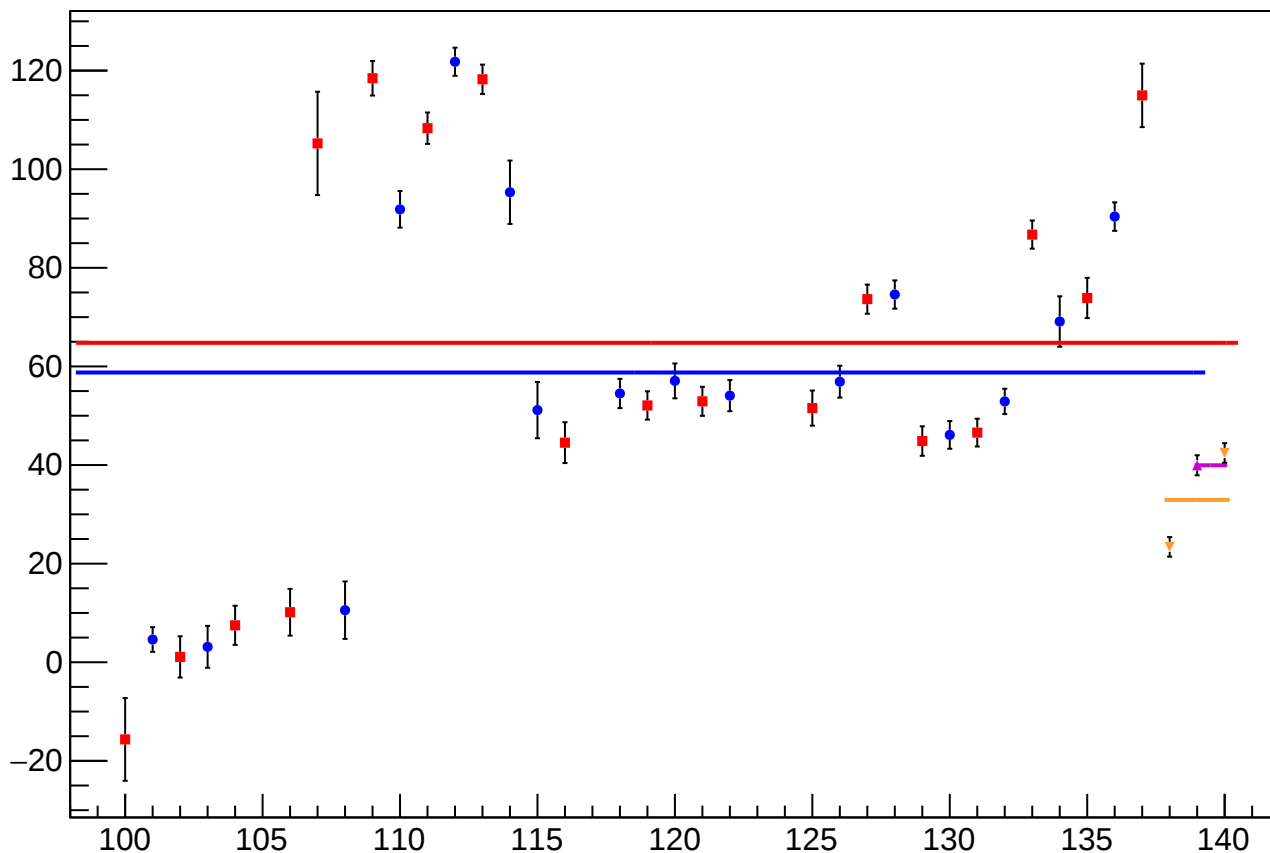
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 6.940 $\pm$ 0.431 χ^2 /NDF: 446.4/16

Out: 8.035 $\pm$ 0.420 χ^2 /NDF: 380.1/19

All: 7.502 $\pm$ 0.301 χ^2 /NDF: 829.8/36

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: 32.930 $\pm$ 1.403 χ^2 /NDF:46.1/1

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 39.949 $\pm$ 2.039 χ^2 /NDF:0.0/0

Left: 35.185 $\pm$ 1.156 χ^2 /NDF: 54.1/2

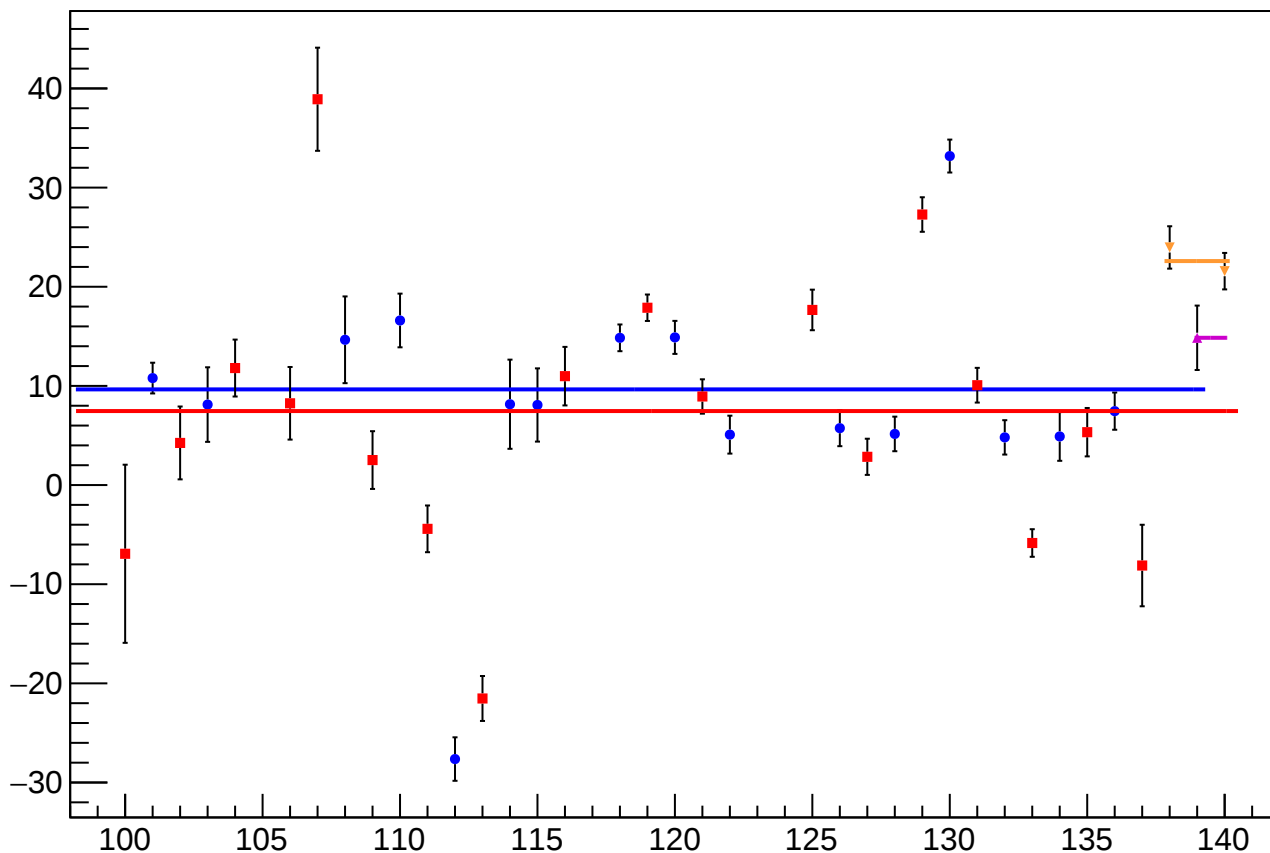
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 56.078 $\pm$ 0.771 χ^2 /NDF:1566.4/16

Out: 56.375 $\pm$ 0.721 χ^2 /NDF:2143.8/19

All: 56.237 $\pm$ 0.527 χ^2 /NDF: 3710.2/36

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 22.590 $\pm$ 1.394 χ^2 /NDF:0.7/1

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 14.852 $\pm$ 3.248 χ^2 /NDF:0.0/0

Left: 21.386 $\pm$ 1.281 χ^2 /NDF: 5.5/2

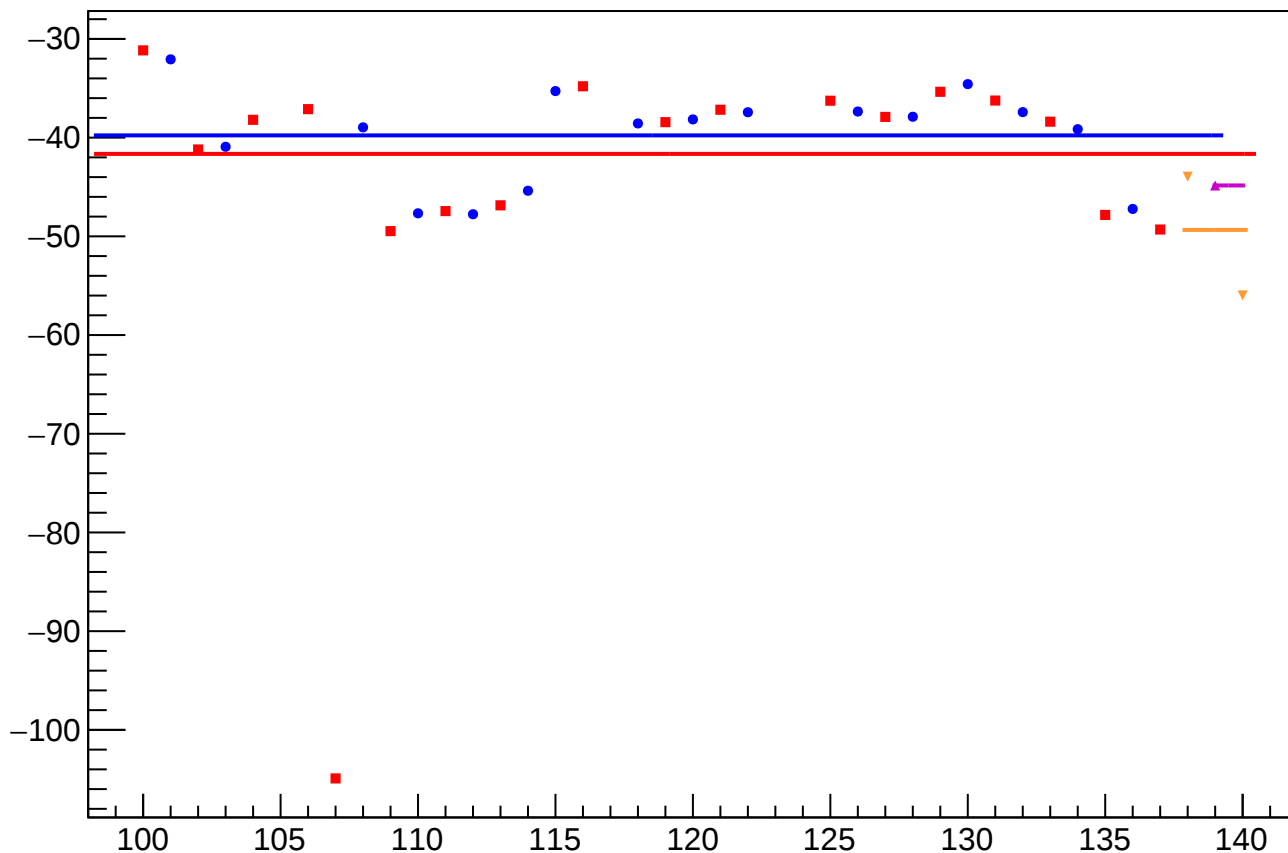
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 9.770 $\pm$ 0.496 χ^2 /NDF:556.1/16

Out: 9.283 $\pm$ 0.484 χ^2 /NDF:671.2/19

All: 9.520 $\pm$ 0.346 χ^2 /NDF: 1227.7/36

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -49.350 ± 0.058 χ^2/NDF : 10634.7/1

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -44.844 ± 0.071 χ^2/NDF : 0.0/0

Left: -47.560 ± 0.045 χ^2/NDF : 13032.7/2

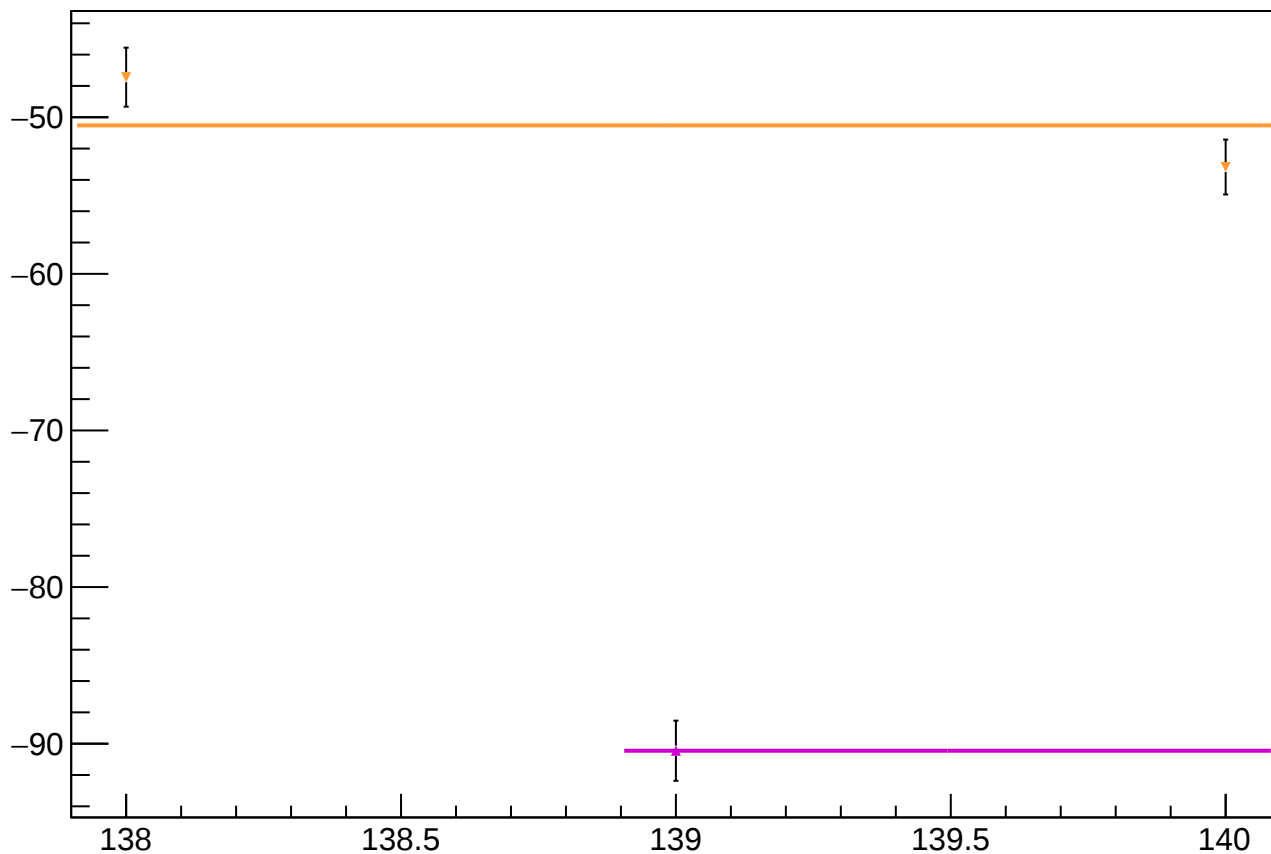
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -40.580 ± 0.029 χ^2/NDF : 30416.8/16

Out: -43.376 ± 0.027 χ^2/NDF : 118832.2/19

All: -42.030 ± 0.020 χ^2/NDF : 154235.6/36

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.520+/-1.283 χ^2 /NDF: 5.0/1

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

Left In: -90.450+/-1.920 χ^2 /NDF: 0.0/0

Left: -62.848+/-1.067 χ^2 /NDF: 303.9/2

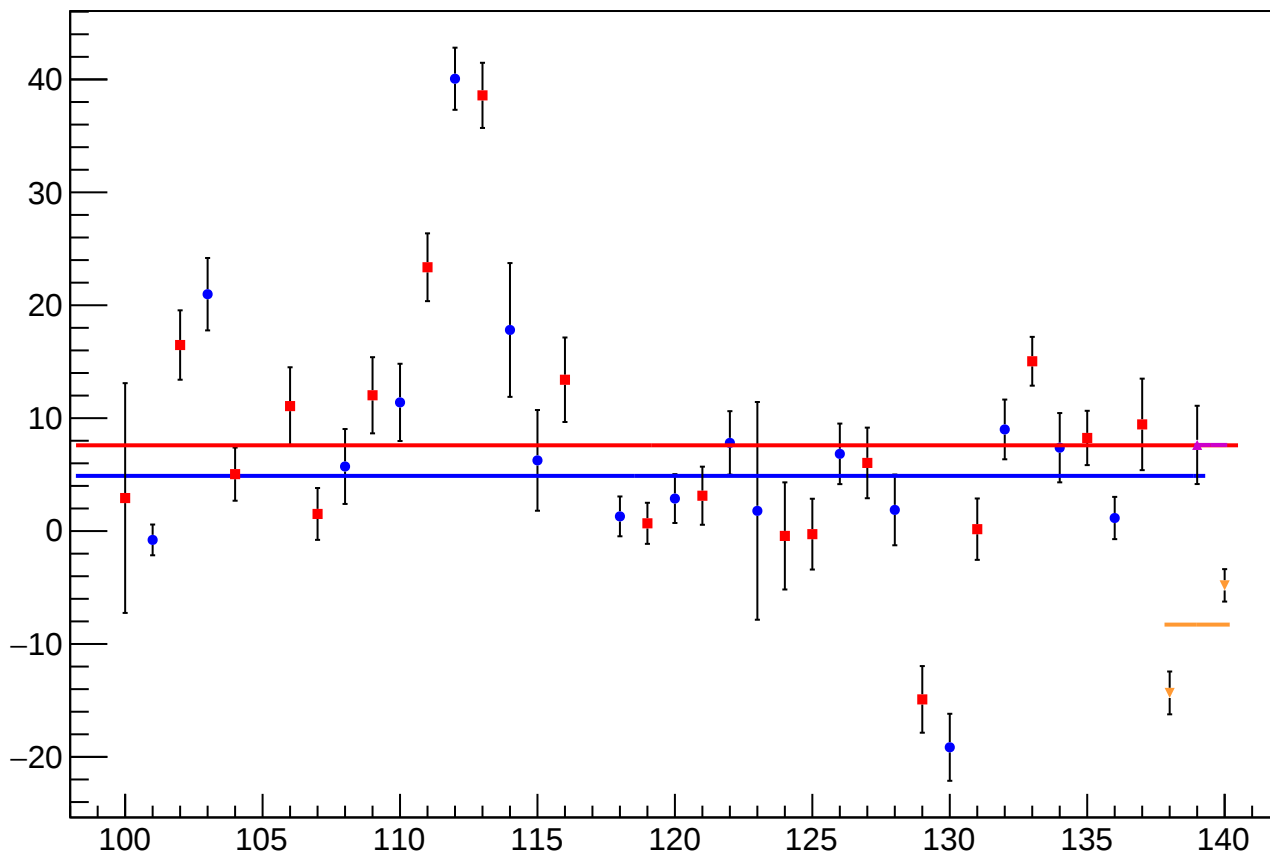
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -90.450+/-1.920 χ^2 /NDF: 0.0/0

Out: -50.520+/-1.283 χ^2 /NDF: 5.0/1

All: -62.848+/-1.067 χ^2 /NDF: 303.9/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888+/-0.622 χ^2/NDF : 294.7/16

Left Out: -8.284+/-1.145 χ^2/NDF : 16.0/1

Right Out: 7.596+/-0.651 χ^2/NDF : 269.4/18

Left In: 7.631+/-3.466 χ^2/NDF : 0.0/0

Left: -6.717+/-1.088 χ^2/NDF : 35.0/2

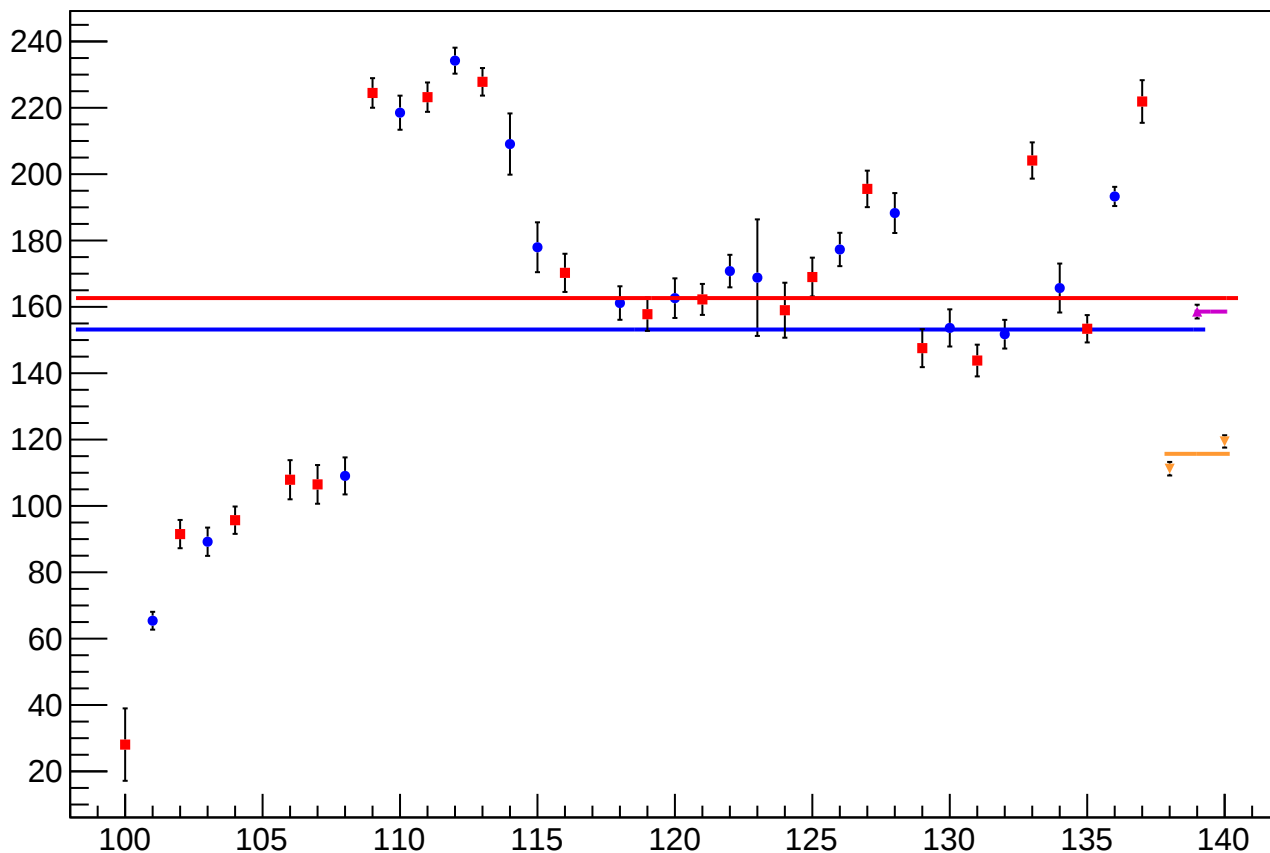
Right: 6.180+/-0.450 χ^2/NDF : 573.2/35

In: 4.974+/-0.612 χ^2/NDF : 295.3/17

Out: 3.720+/-0.566 χ^2/NDF : 430.7/20

All: 4.298+/-0.416 χ^2/NDF : 728.3/38

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 115.701+/-1.378 χ^2/NDF : 8.8/1

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 158.572+/-2.078 χ^2/NDF : 0.0/0

Left: 128.789+/-1.148 χ^2/NDF : 304.4/2

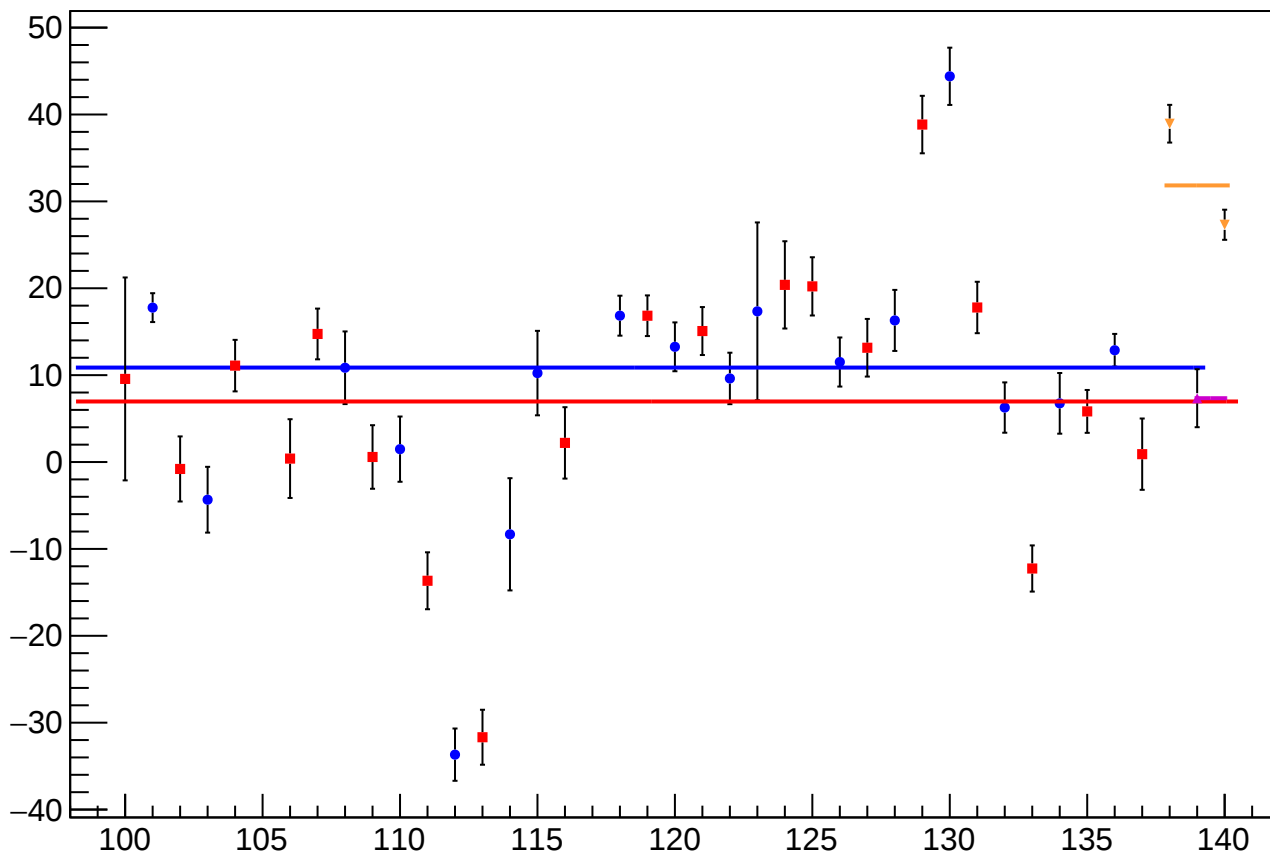
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 154.433+/-1.004 χ^2/NDF : 2269.4/17

Out: 142.857+/-0.895 χ^2/NDF : 2389.1/20

All: 147.981+/-0.668 χ^2/NDF : 4732.6/38

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: 31.838 $\pm$ 1.355 χ^2 /NDF:17.5/1

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 7.345 $\pm$ 3.337 χ^2 /NDF:0.0/0

Left: 28.373 $\pm$ 1.255 χ^2 /NDF: 63.8/2

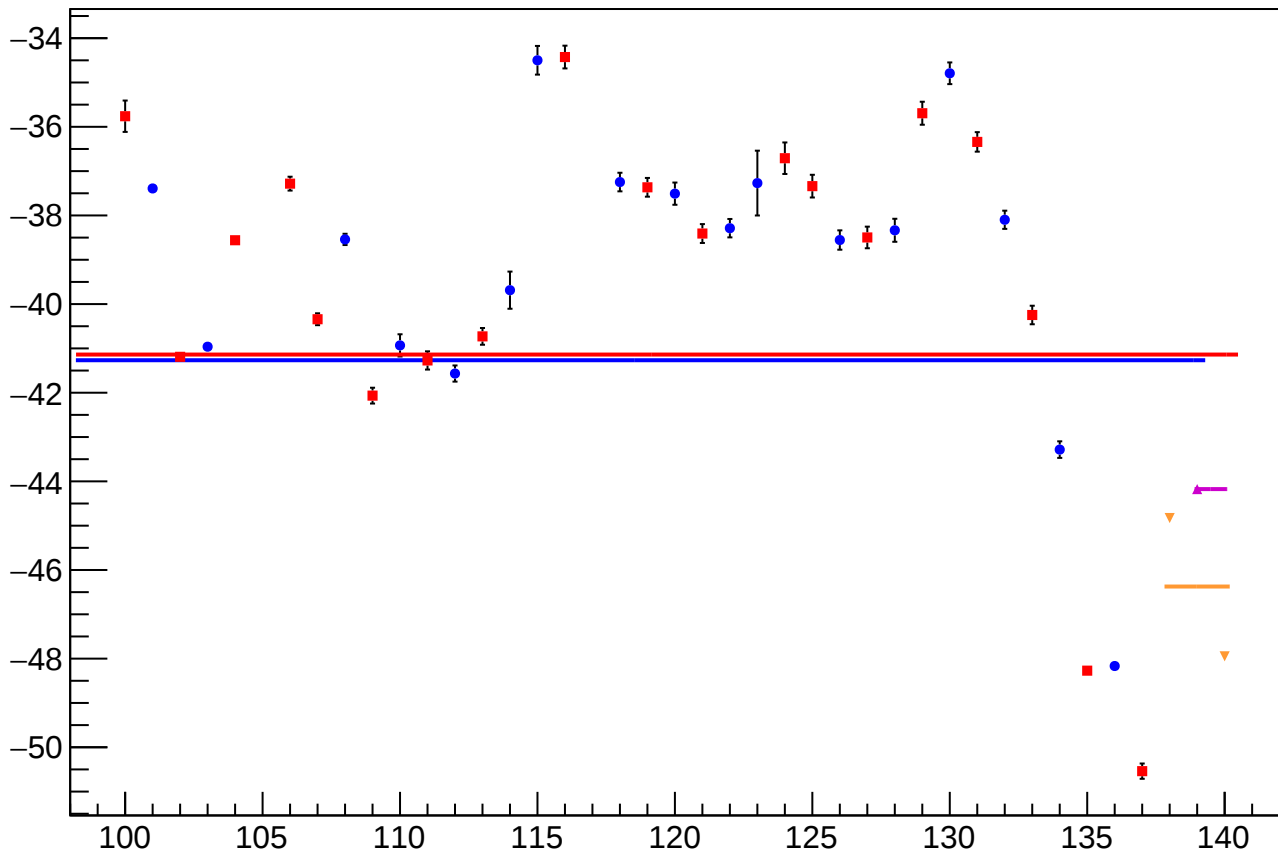
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 10.718 $\pm$ 0.699 χ^2 /NDF:387.8/17

Out: 12.775 $\pm$ 0.654 χ^2 /NDF:698.2/20

All: 11.813 $\pm$ 0.478 χ^2 /NDF: 1090.6/38

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -46.373+/-0.057 χ^2/NDF : 739.9/1

Right Out: -41.139+/-0.039 χ^2/NDF : 12242.4/18

Left In: -44.175+/-0.073 χ^2/NDF : 0.0/0

Left: -45.539+/-0.045 χ^2/NDF : 1297.8/2

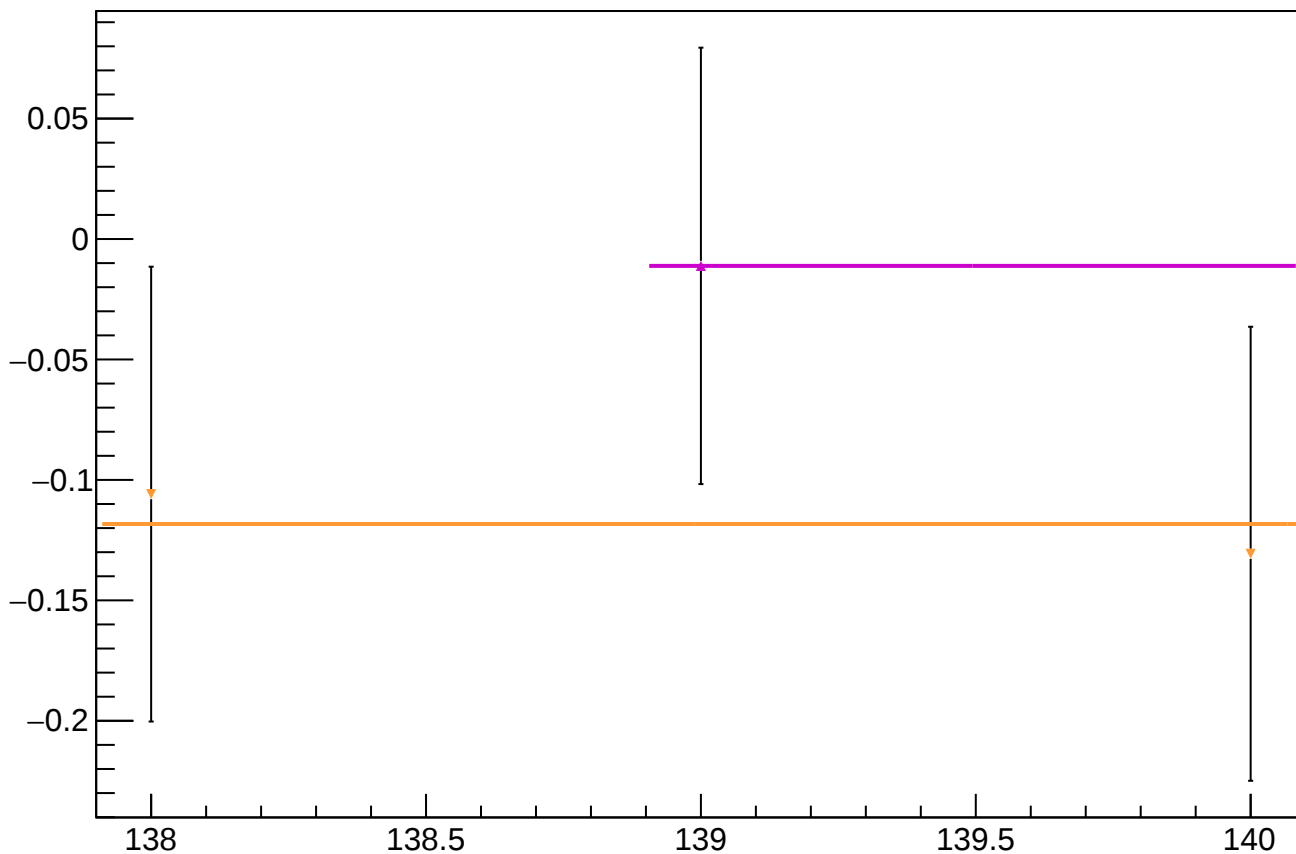
Right: -41.203+/-0.027 χ^2/NDF : 24829.7/35

In: -41.896+/-0.034 χ^2/NDF : 13814.0/17

Out: -42.771+/-0.032 χ^2/NDF : 18712.8/20

All: -42.361+/-0.023 χ^2/NDF : 32876.6/38

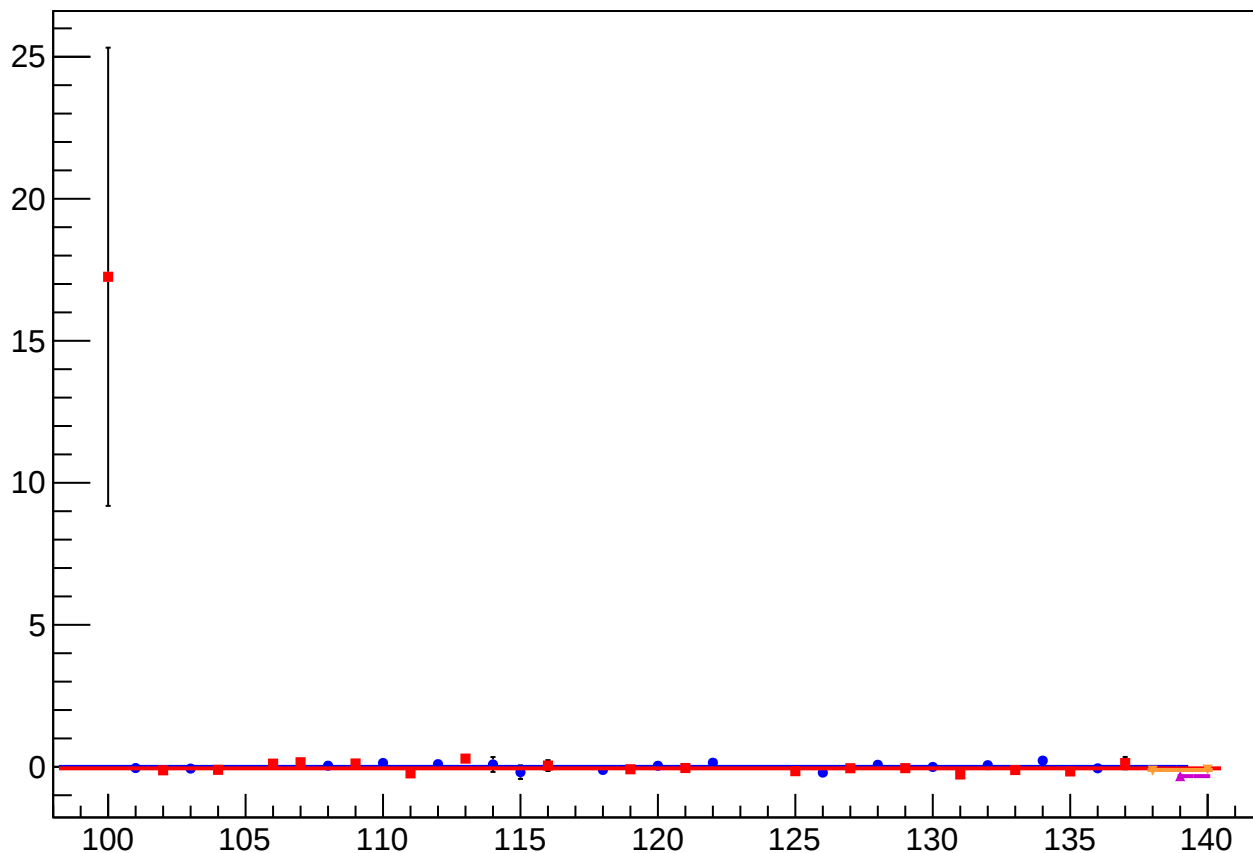
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.118 +/- 0.067 χ^2/NDF : 0.0/1
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.011 +/- 0.091 χ^2/NDF : 0.0/0

Left: -0.081 +/- 0.054 χ^2/NDF : 0.9/2
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -0.011 +/- 0.091 χ^2/NDF : 0.0/0
 Out: -0.118 +/- 0.067 χ^2/NDF : 0.0/1
 All: -0.081 +/- 0.054 χ^2/NDF : 0.9/2

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.111 ± 0.062 χ^2/NDF : 0.1/1

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.327 ± 0.164 χ^2/NDF : 0.0/0

Left: -0.138 ± 0.058 χ^2/NDF : 1.6/2

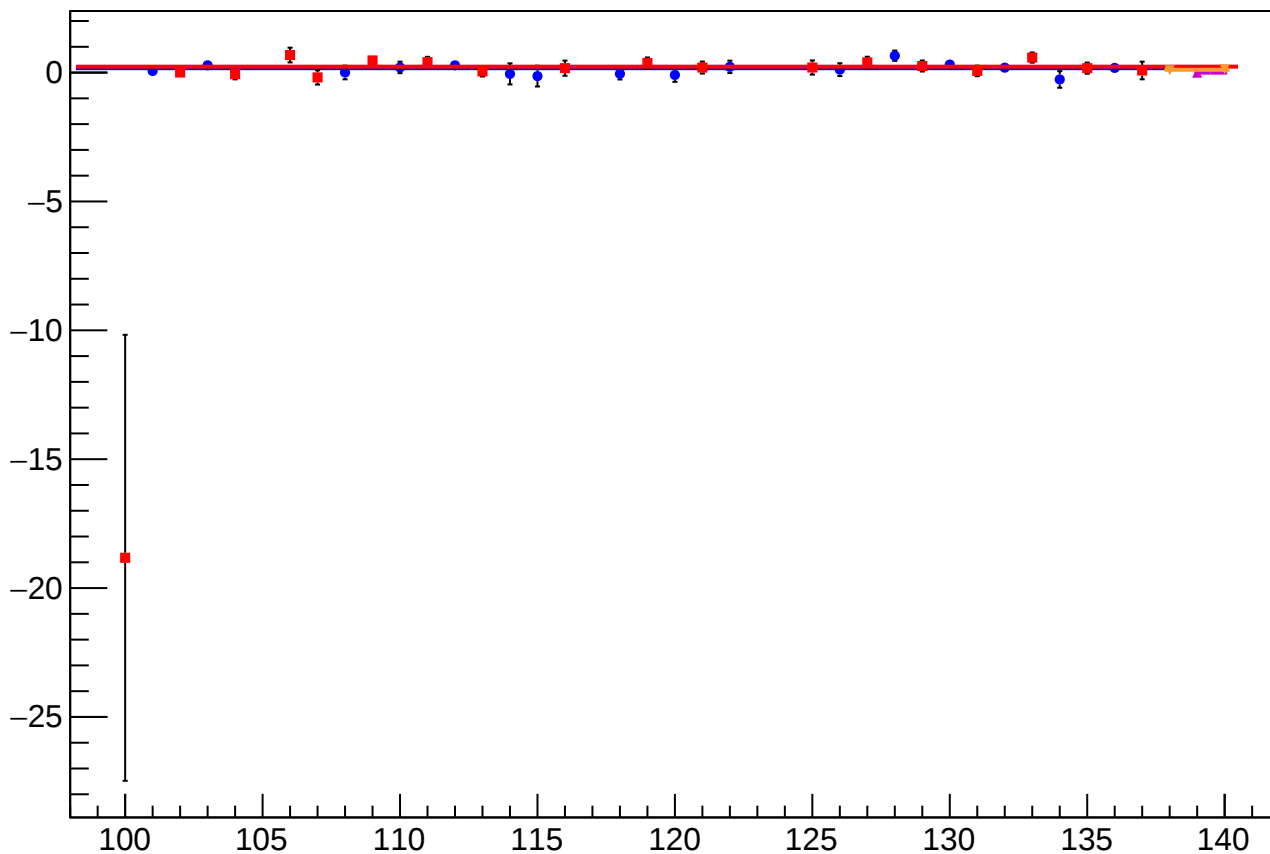
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.011 ± 0.028 χ^2/NDF : 15.9/16

Out: -0.064 ± 0.026 χ^2/NDF : 26.3/19

All: -0.039 ± 0.019 χ^2/NDF : 44.1/36

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: 0.109 $\pm$ 0.072 χ^2 /NDF:0.1/1

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: -0.002 $\pm$ 0.098 χ^2 /NDF:0.0/0

Left: 0.070 $\pm$ 0.058 χ^2 /NDF: 0.9/2

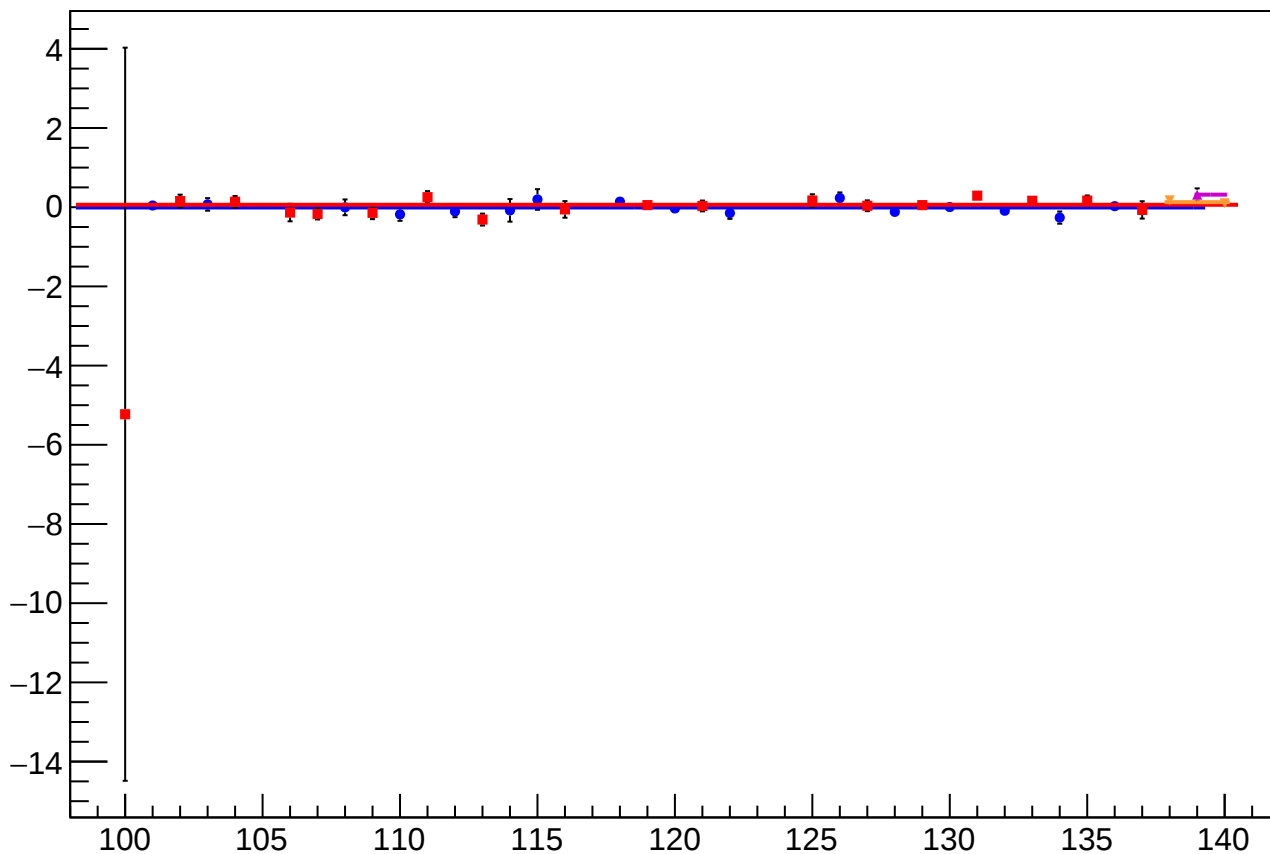
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.132 $\pm$ 0.046 χ^2 /NDF:15.4/16

Out: 0.186 $\pm$ 0.043 χ^2 /NDF:23.5/19

All: 0.161 $\pm$ 0.031 χ^2 /NDF: 39.7/36

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: 0.127 ± 0.072 $\chi^2/\text{NDF}: 0.2/1$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.317 ± 0.158 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.160 ± 0.066 $\chi^2/\text{NDF}: 1.4/2$

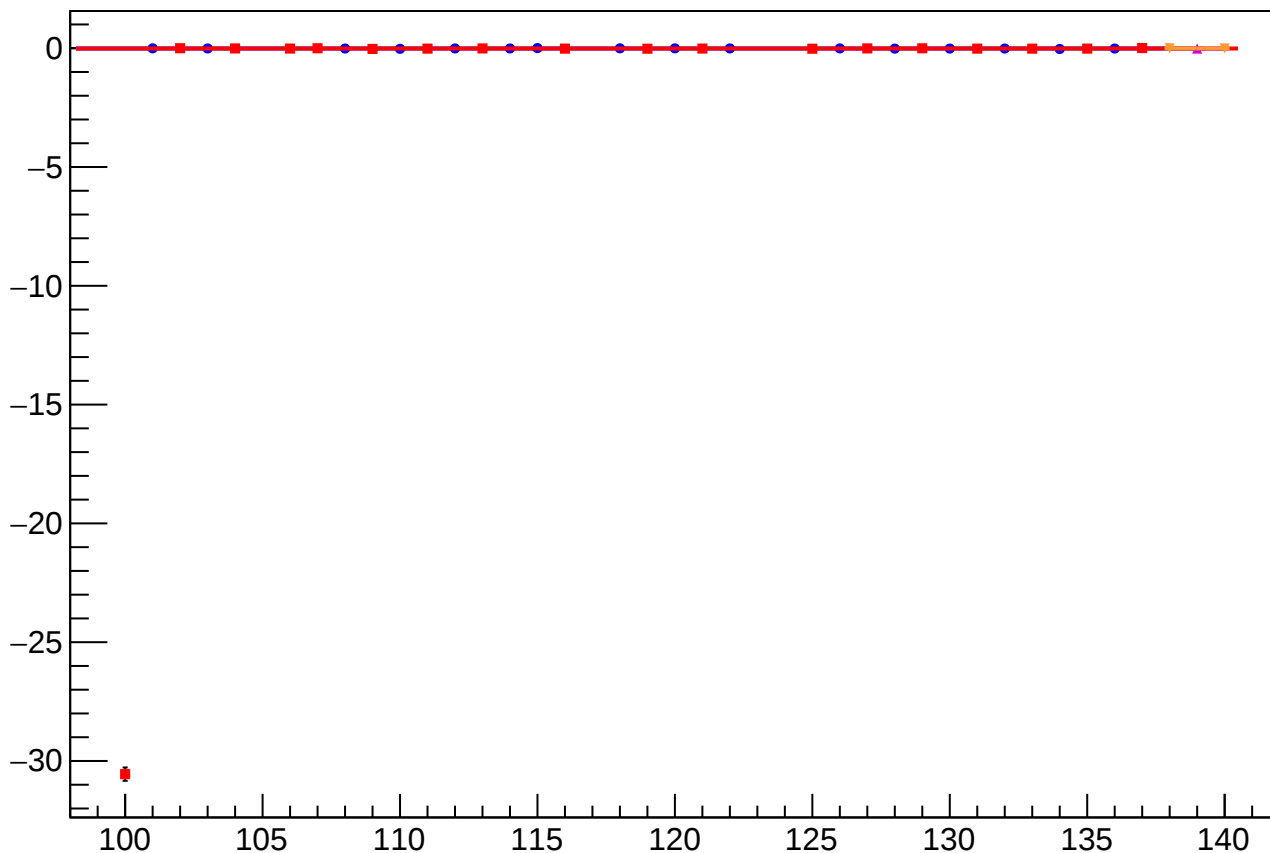
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.007 ± 0.032 $\chi^2/\text{NDF}: 17.2/16$

Out: 0.073 ± 0.031 $\chi^2/\text{NDF}: 21.2/19$

All: 0.041 ± 0.022 $\chi^2/\text{NDF}: 40.8/36$

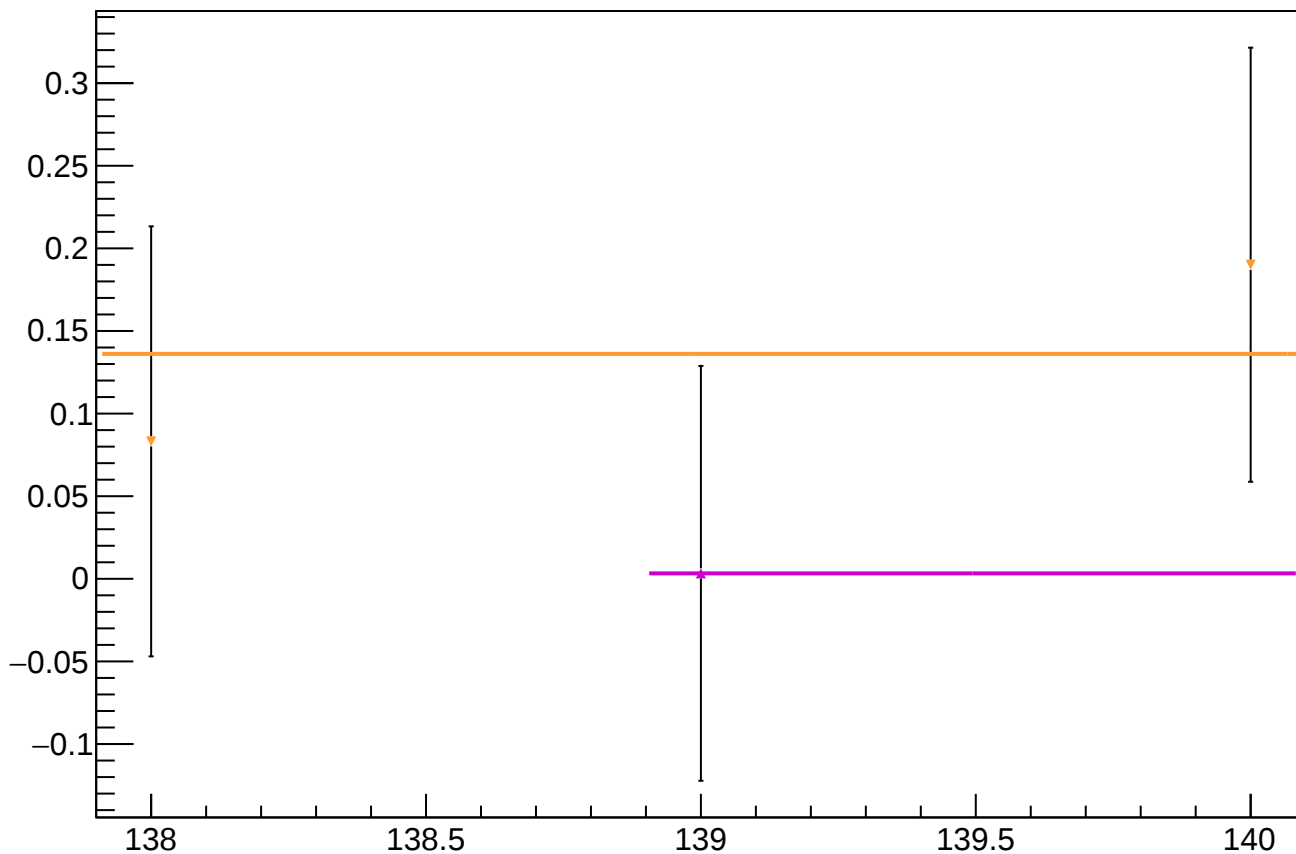
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15
 Left Out: -0.005 $\pm$ 0.003 χ^2 /NDF:2.1/1
 Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17
 Left In: -0.015 $\pm$ 0.003 χ^2 /NDF:0.0/0

Left: -0.010 $\pm$ 0.002 χ^2 /NDF: 6.9/2
 Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33
 In: -0.013 $\pm$ 0.002 χ^2 /NDF:13.7/16
 Out: -0.010 $\pm$ 0.002 χ^2 /NDF:11896.2/19
 All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11911.1/36

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.136 +/- 0.092 χ^2/NDF : 0.3/1

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

Left In: 0.003 +/- 0.126 χ^2/NDF : 0.0/0

Left: 0.089 +/- 0.074 χ^2/NDF : 1.1/2

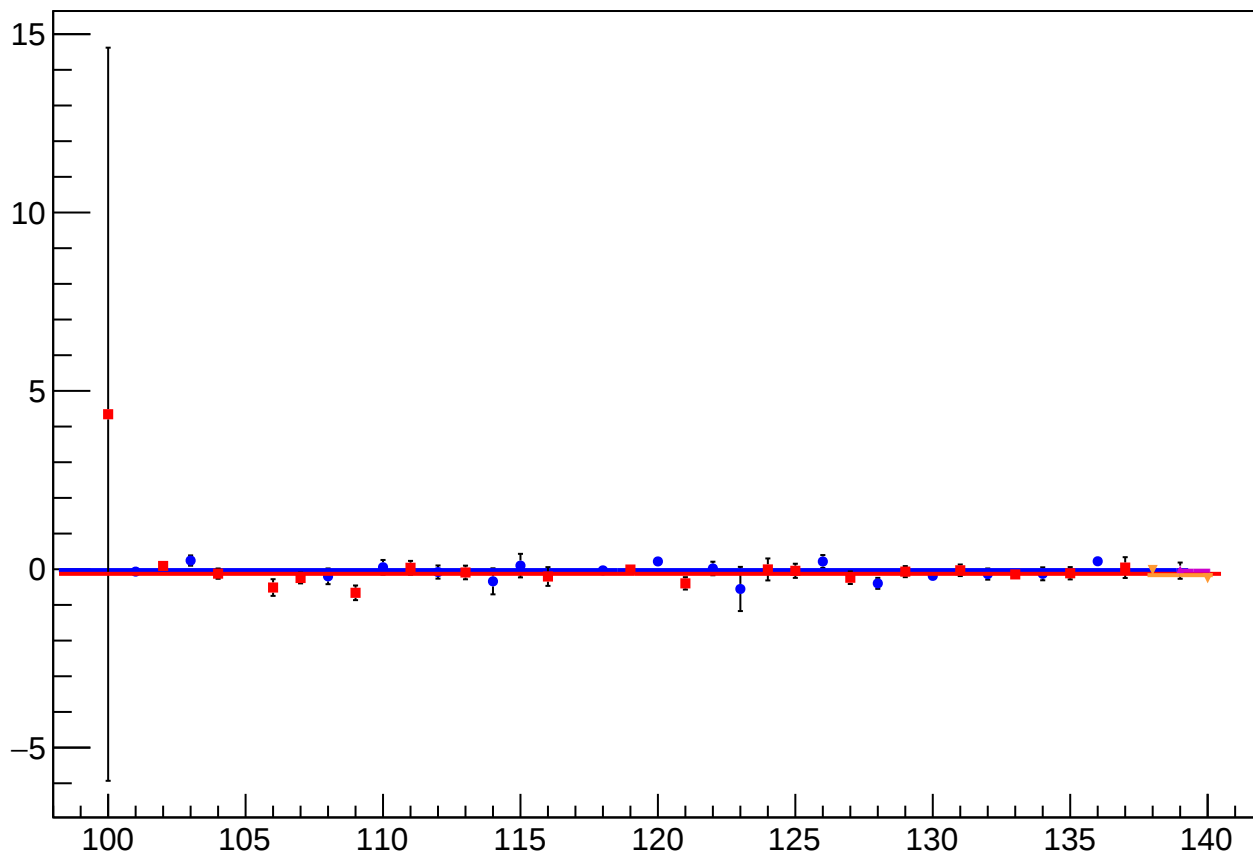
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 0.003 +/- 0.126 χ^2/NDF : 0.0/0

Out: 0.136 +/- 0.092 χ^2/NDF : 0.3/1

All: 0.089 +/- 0.074 χ^2/NDF : 1.1/2

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: -0.166 ± 0.086 $\chi^2/\text{NDF}: 1.7/1$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.040 ± 0.227 $\chi^2/\text{NDF}: 0.0/0$

Left: -0.151 ± 0.080 $\chi^2/\text{NDF}: 2.0/2$

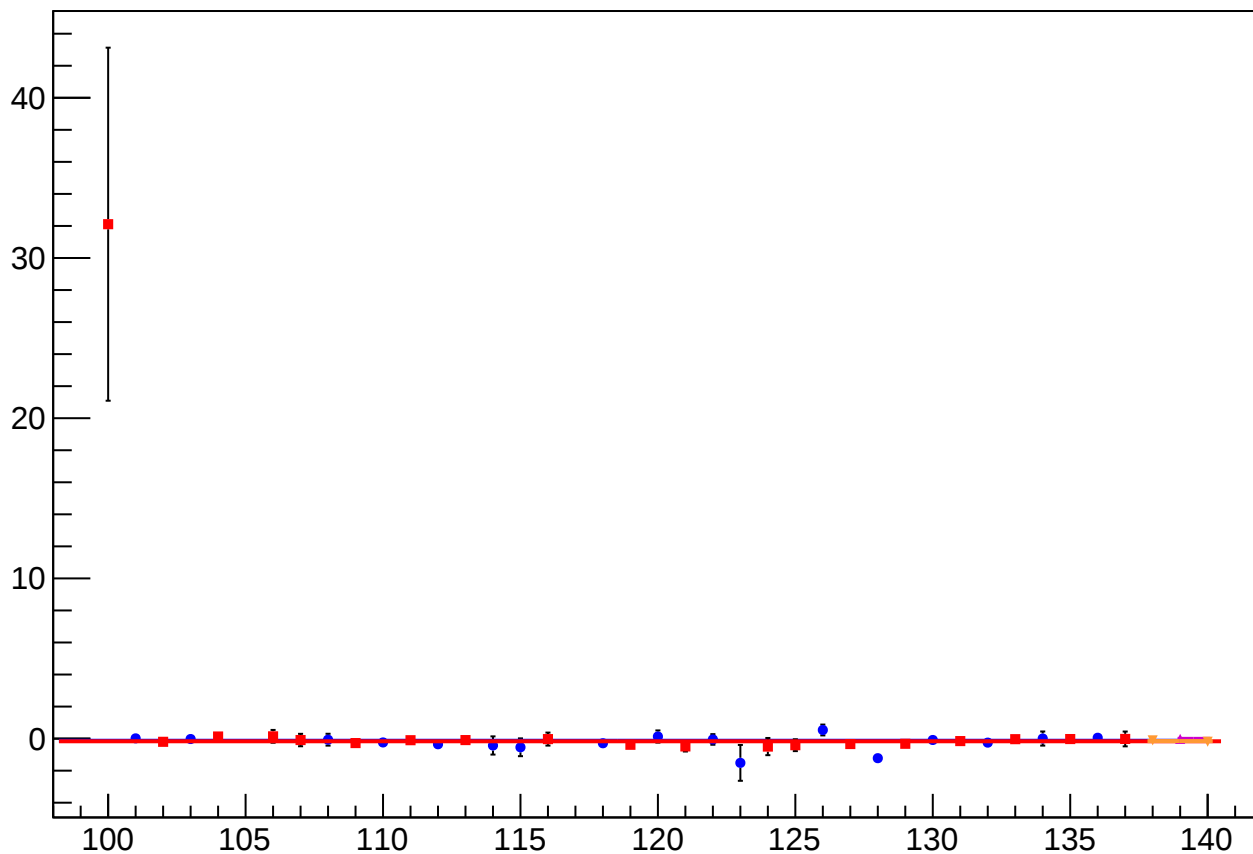
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.024 ± 0.036 $\chi^2/\text{NDF}: 22.4/17$

Out: -0.135 ± 0.036 $\chi^2/\text{NDF}: 20.7/20$

All: -0.080 ± 0.025 $\chi^2/\text{NDF}: 47.9/38$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.152 ± 0.099 χ^2/NDF : 0.2/1

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.015 ± 0.136 χ^2/NDF : 0.0/0

Left: -0.104 ± 0.080 χ^2/NDF : 0.8/2

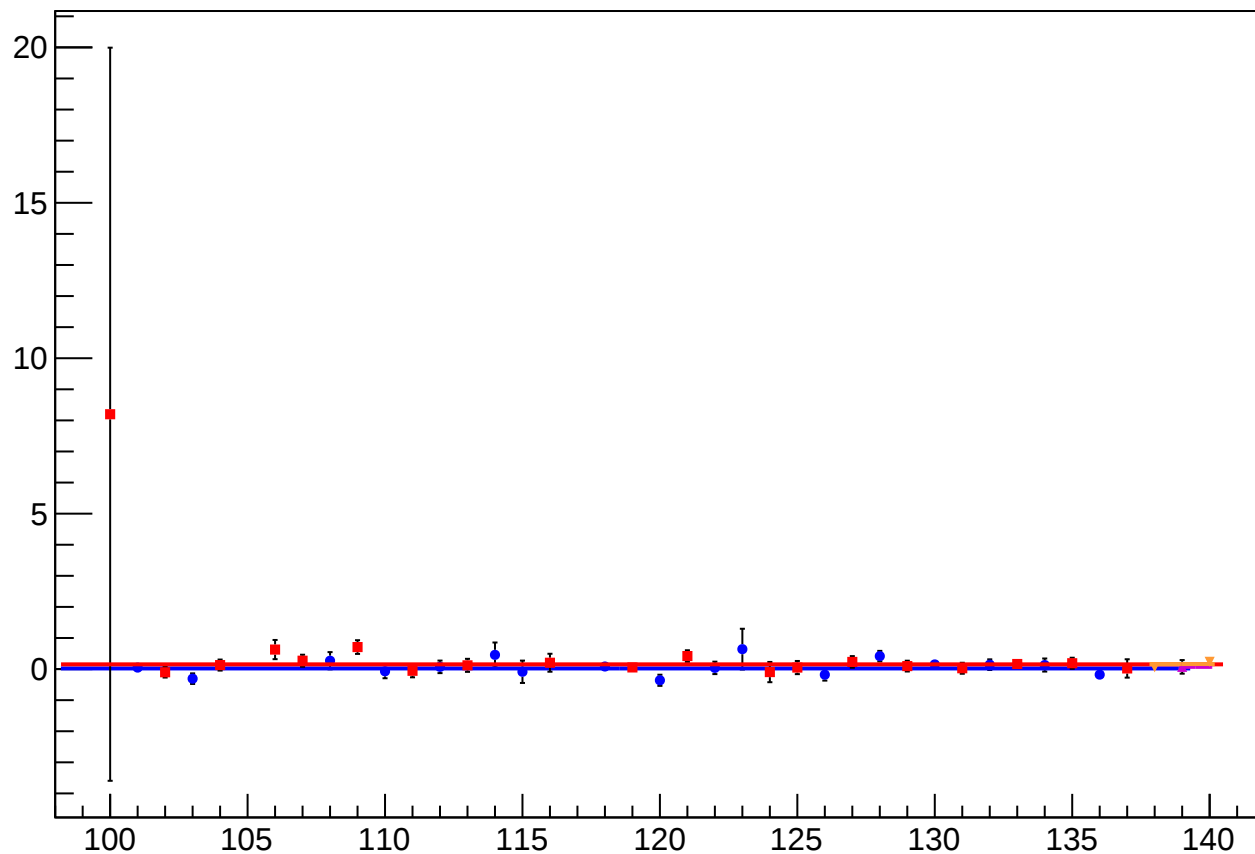
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.110 ± 0.060 χ^2/NDF : 26.4/17

Out: -0.161 ± 0.058 χ^2/NDF : 14.9/20

All: -0.137 ± 0.042 χ^2/NDF : 41.7/38

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.161+/-0.100 χ^2/NDF : 0.8/1

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.071+/-0.219 χ^2/NDF : 0.0/0

Left: 0.146+/-0.091 χ^2/NDF : 0.9/2

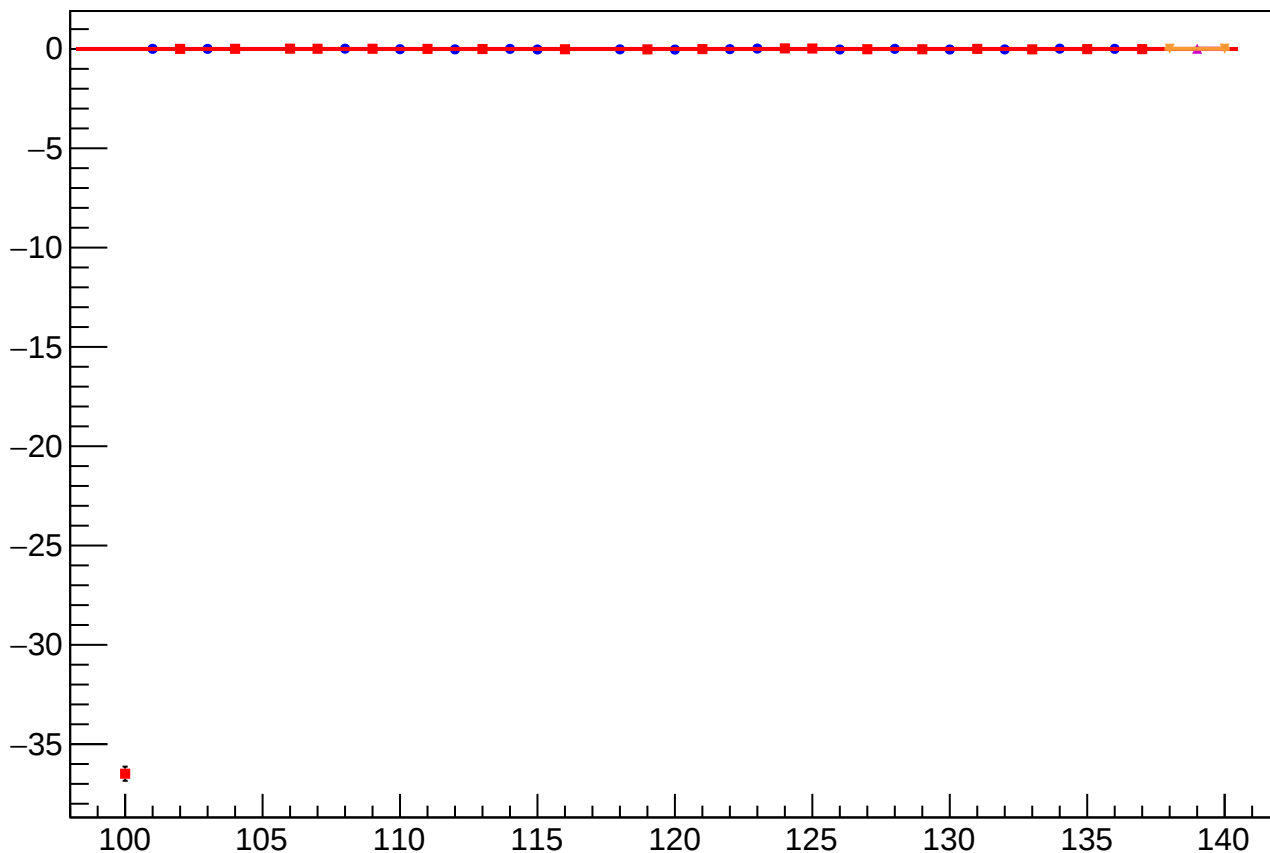
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.022+/-0.042 χ^2/NDF : 21.8/17

Out: 0.153+/-0.041 χ^2/NDF : 18.0/20

All: 0.088+/-0.029 χ^2/NDF : 44.9/38

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: 0.012 $\pm$ 0.004 χ^2 /NDF:0.0/1

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.013 $\pm$ 0.005 χ^2 /NDF:0.0/0

Left: 0.012 $\pm$ 0.003 χ^2 /NDF: 0.1/2

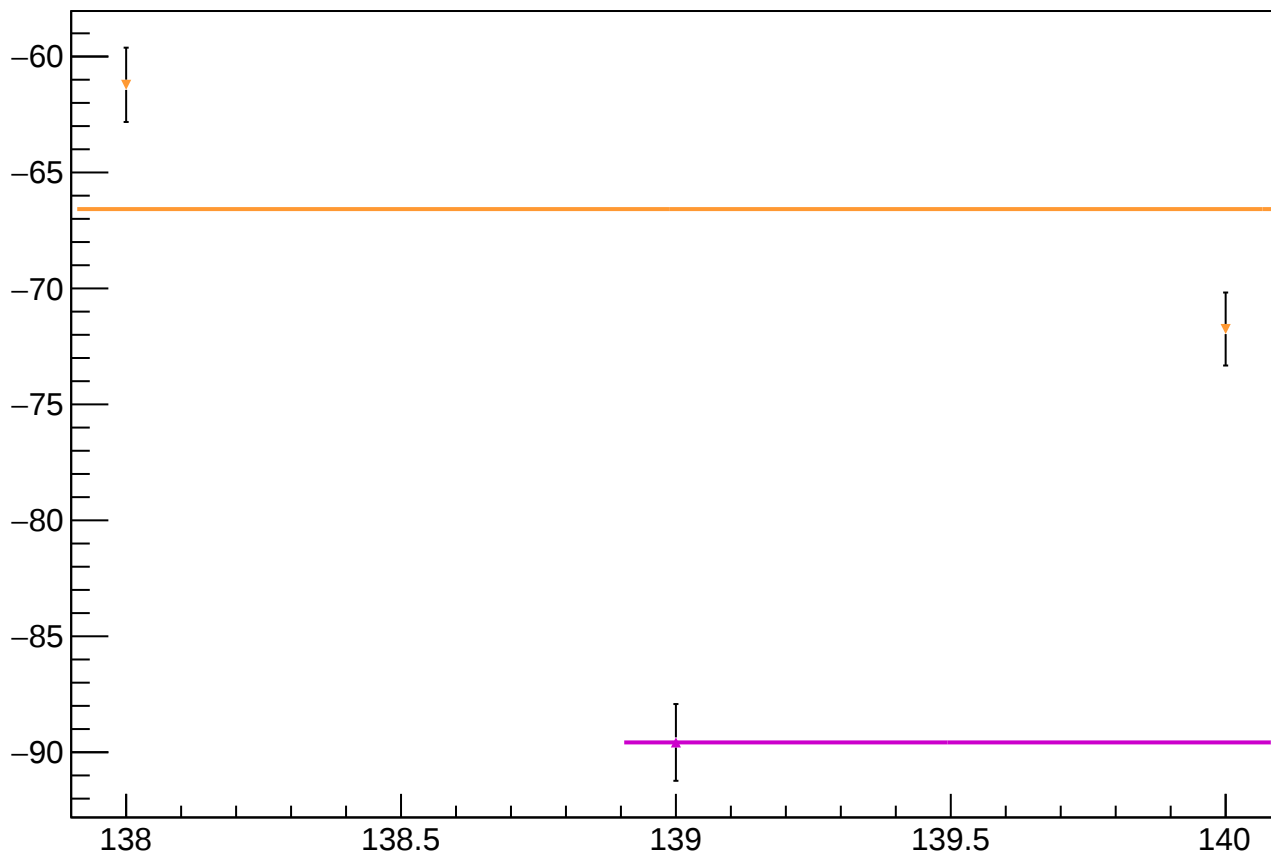
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.003 $\pm$ 0.002 χ^2 /NDF:37.3/17

Out: 0.003 $\pm$ 0.002 χ^2 /NDF:10454.8/20

All: 0.003 $\pm$ 0.001 χ^2 /NDF: 10492.1/38

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: -66.579+/-1.123 χ^2/NDF :22.0/1

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

Left In: -89.576+/-1.655 χ^2/NDF :0.0/0

Left: -73.827+/-0.929 χ^2/NDF : 154.2/2

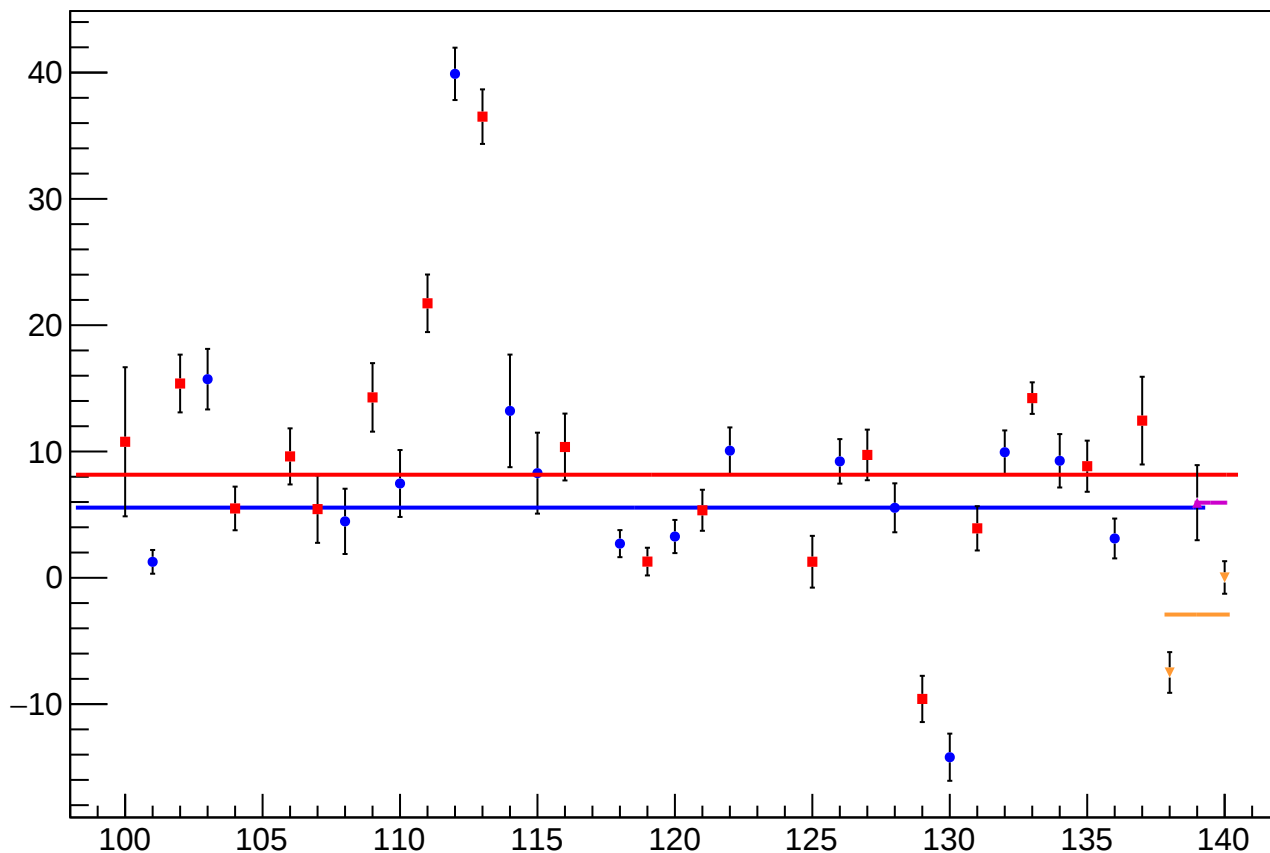
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.576+/-1.655 χ^2/NDF :0.0/0

Out: -66.579+/-1.123 χ^2/NDF :22.0/1

All: -73.827+/-0.929 χ^2/NDF : 154.2/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557+/-0.424 χ^2/NDF : 462.0/15

Left Out: -2.909+/-1.006 χ^2/NDF :13.3/1

Right Out: 8.162+/-0.453 χ^2/NDF : 407.0/17

Left In: 5.949+/-2.973 χ^2/NDF :0.0/0

Left: -1.998+/-0.953 χ^2/NDF : 21.3/2

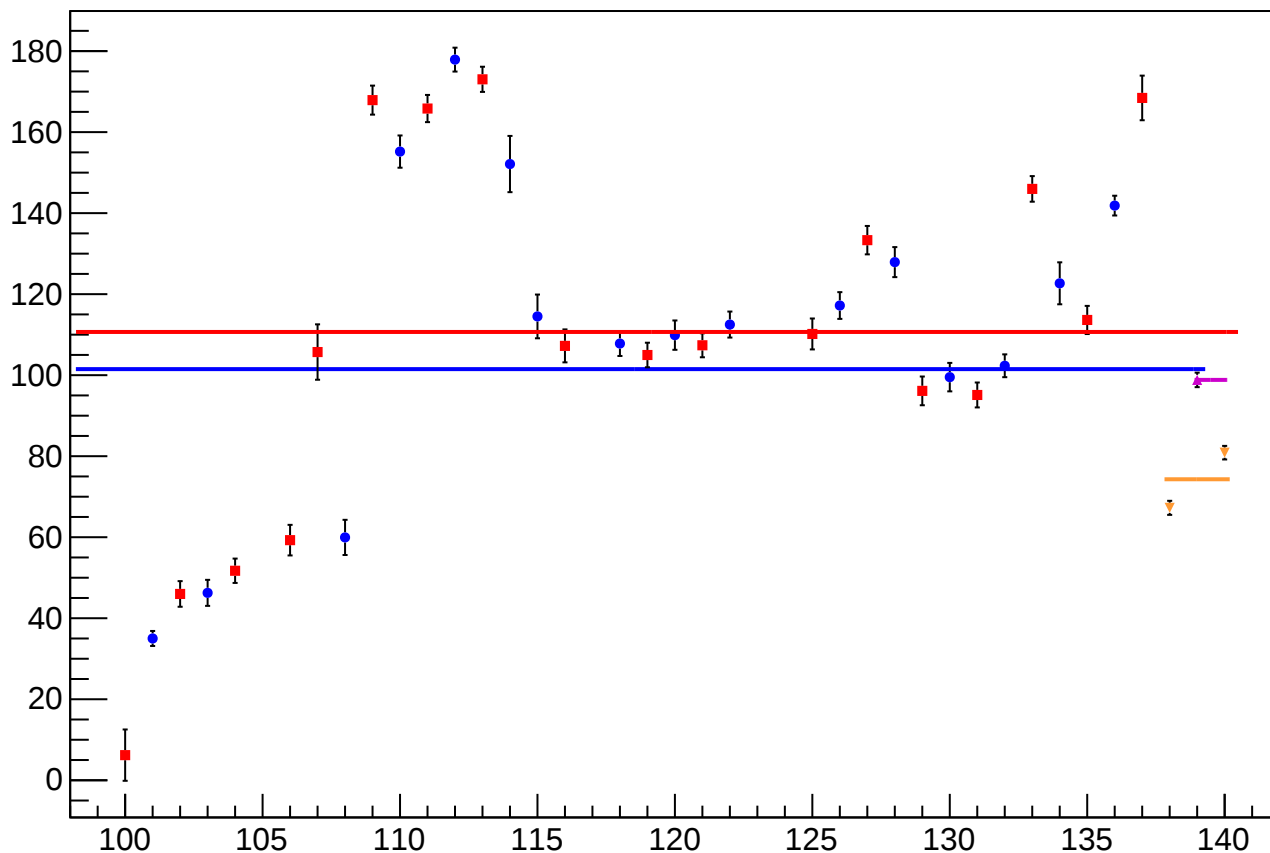
Right: 6.774+/-0.310 χ^2/NDF : 886.6/33

In: 5.565+/-0.420 χ^2/NDF :462.0/16

Out: 6.297+/-0.413 χ^2/NDF :520.9/19

All: 5.937+/-0.294 χ^2/NDF : 984.4/36

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: 74.305 $\pm$ 1.206 χ^2 /NDF:31.8/1

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 98.835 $\pm$ 1.793 χ^2 /NDF:0.0/0

Left: 81.946 $\pm$ 1.001 χ^2 /NDF: 160.8/2

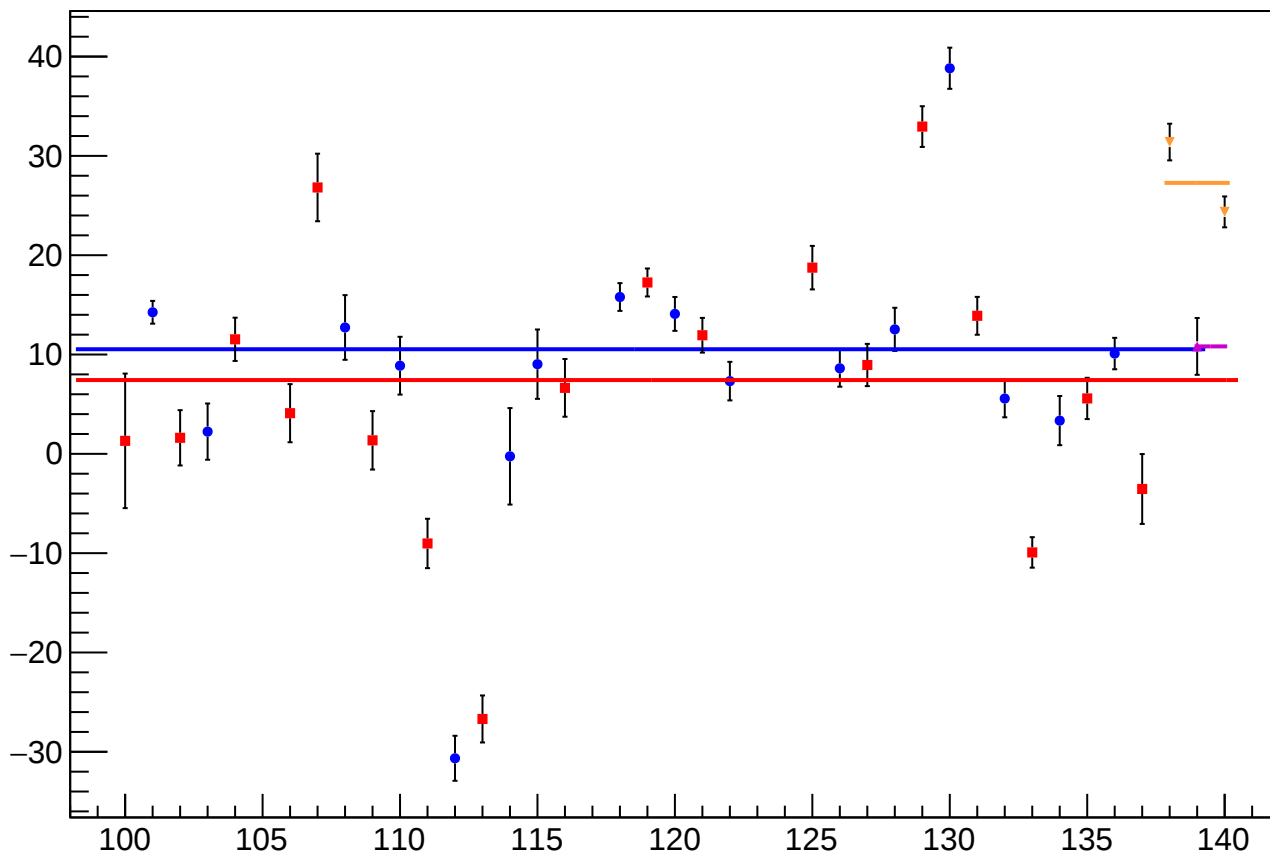
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 101.046 $\pm$ 0.737 χ^2 /NDF:2974.8/16

Out: 98.869 $\pm$ 0.687 χ^2 /NDF:3159.9/19

All: 99.881 $\pm$ 0.502 χ^2 /NDF: 6139.4/36

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: 27.282 $\pm$ 1.189 χ^2 /NDF: 8.5/1

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 10.818 $\pm$ 2.861 χ^2 /NDF: 0.0/0

Left: 24.856 $\pm$ 1.098 χ^2 /NDF: 36.7/2

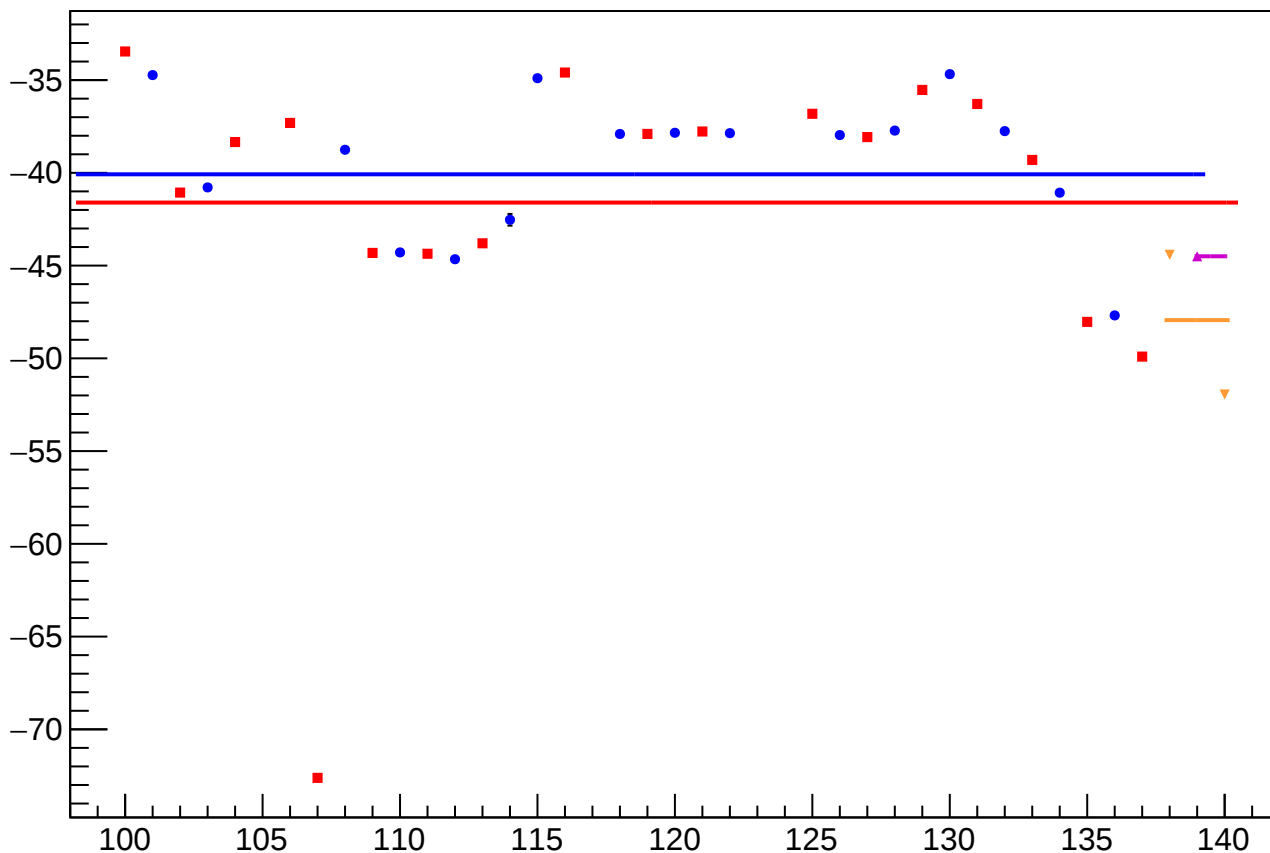
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 10.540 $\pm$ 0.486 χ^2 /NDF: 580.3/16

Out: 10.651 $\pm$ 0.479 χ^2 /NDF: 927.7/19

All: 10.597 $\pm$ 0.341 χ^2 /NDF: 1508.1/36

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -47.940 ± 0.050 $\chi^2/\text{NDF}: 5625.7/1$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -44.498 ± 0.063 $\chi^2/\text{NDF}: 0.0/0$

Left: -46.604 ± 0.039 $\chi^2/\text{NDF}: 7456.9/2$

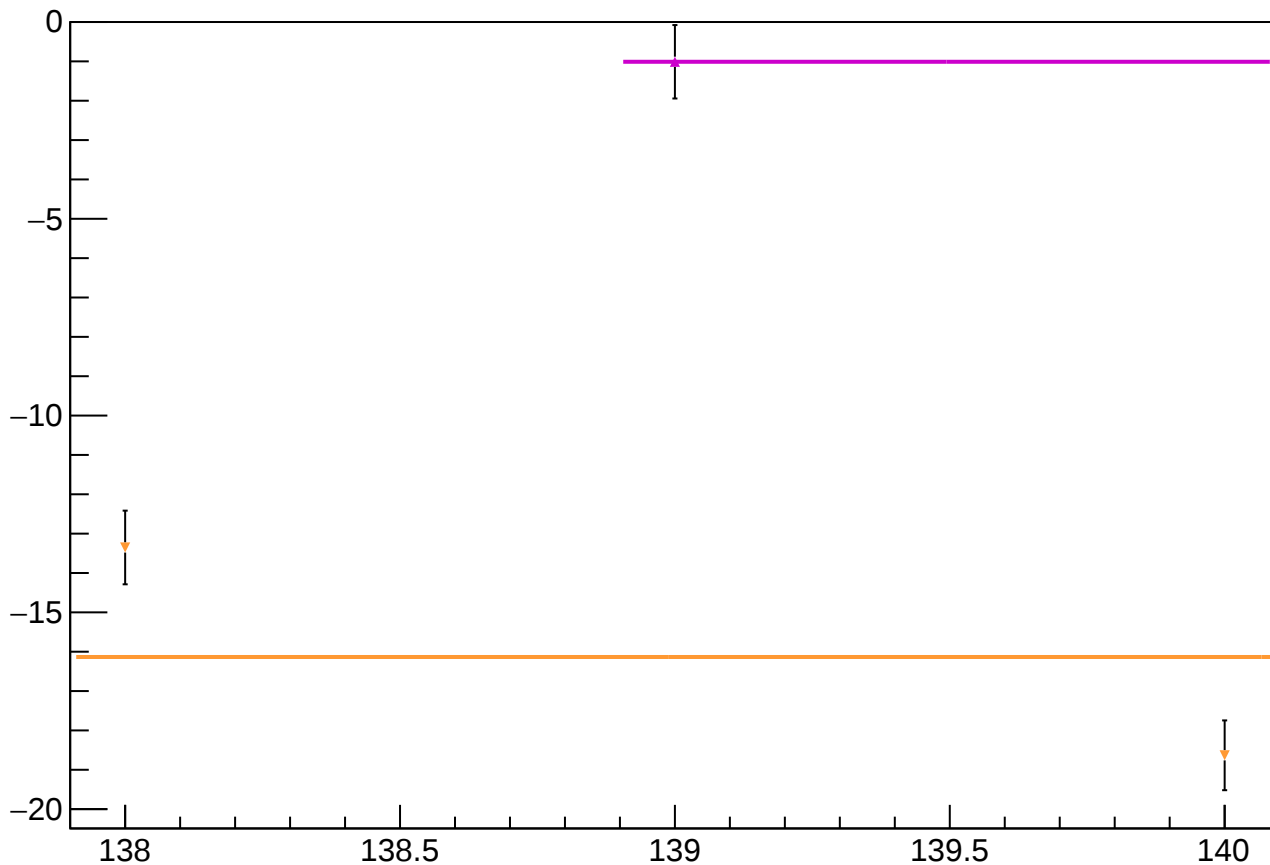
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -40.819 ± 0.026 $\chi^2/\text{NDF}: 29255.0/16$

Out: -43.157 ± 0.025 $\chi^2/\text{NDF}: 79555.4/19$

All: -42.031 ± 0.018 $\chi^2/\text{NDF}: 113084.9/36$

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: -16.134+/-0.644 χ^2/NDF : 16.8/1

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

Left In: -1.010+/-0.933 χ^2/NDF : 0.0/0

Left: -11.258+/-0.530 χ^2/NDF : 194.8/2

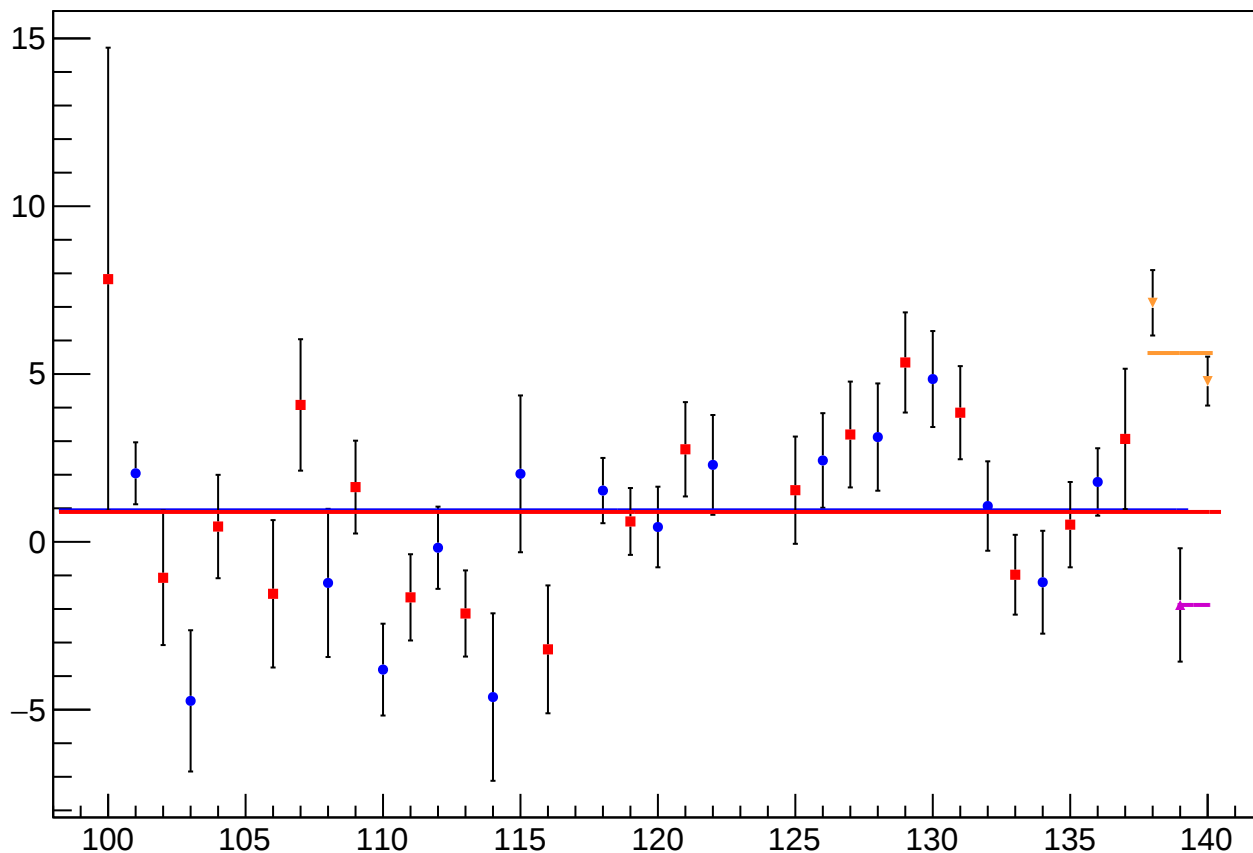
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.010+/-0.933 χ^2/NDF : 0.0/0

Out: -16.134+/-0.644 χ^2/NDF : 16.8/1

All: -11.258+/-0.530 χ^2/NDF : 194.8/2

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: 5.626 ± 0.584 $\chi^2/\text{NDF}: 3.7/1$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -1.880 ± 1.689 $\chi^2/\text{NDF}: 0.0/0$

Left: 4.826 ± 0.552 $\chi^2/\text{NDF}: 21.3/2$

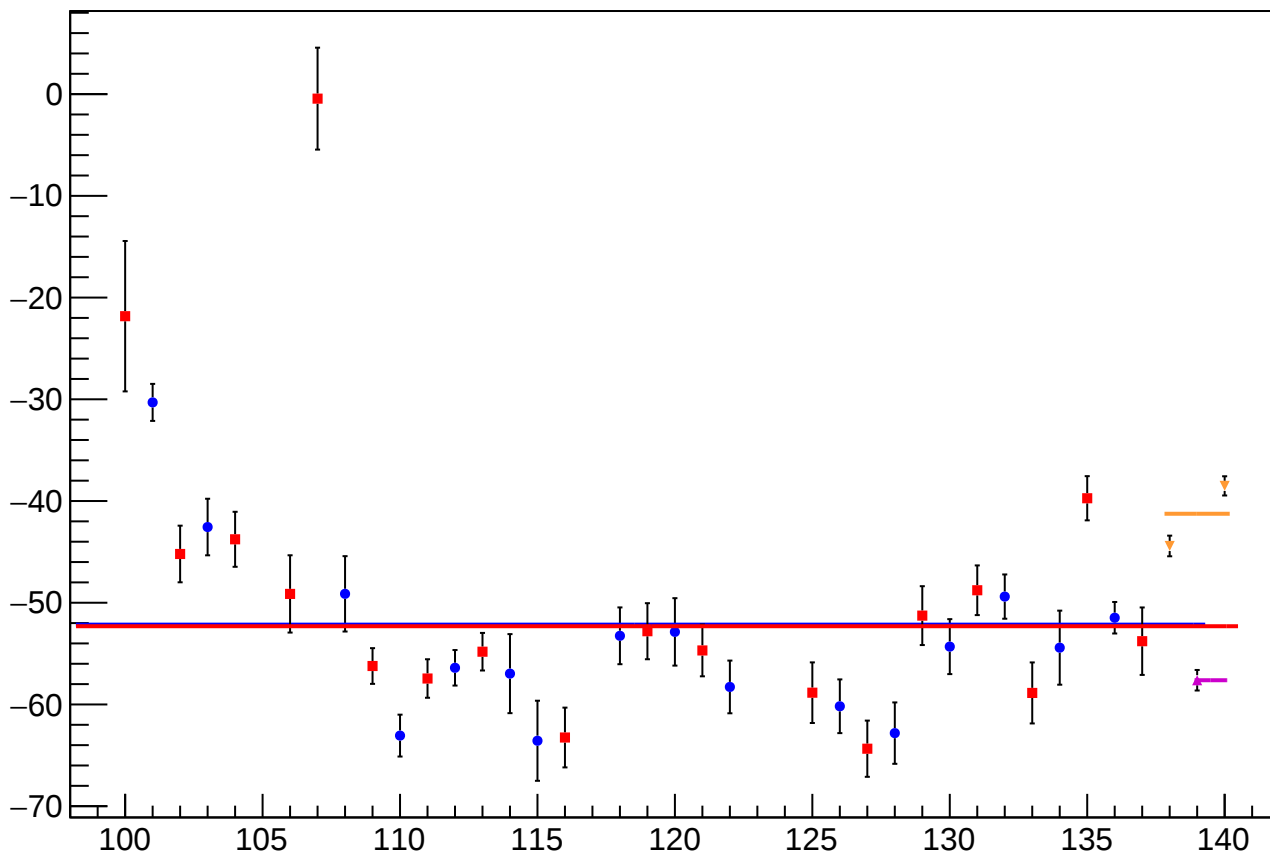
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.830 ± 0.332 $\chi^2/\text{NDF}: 44.9/16$

Out: 2.162 ± 0.302 $\chi^2/\text{NDF}: 93.4/19$

All: 1.559 ± 0.224 $\chi^2/\text{NDF}: 147.1/36$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154±/0.613 χ^2 /NDF: 231.1/15

Left Out: -41.253±/0.691 χ^2 /NDF:18.2/1

Right Out: -52.310±/0.616 χ^2 /NDF: 234.8/17

Left In: -57.619±/1.010 χ^2 /NDF:0.0/0

Left: -46.477±/0.570 χ^2 /NDF: 197.0/2

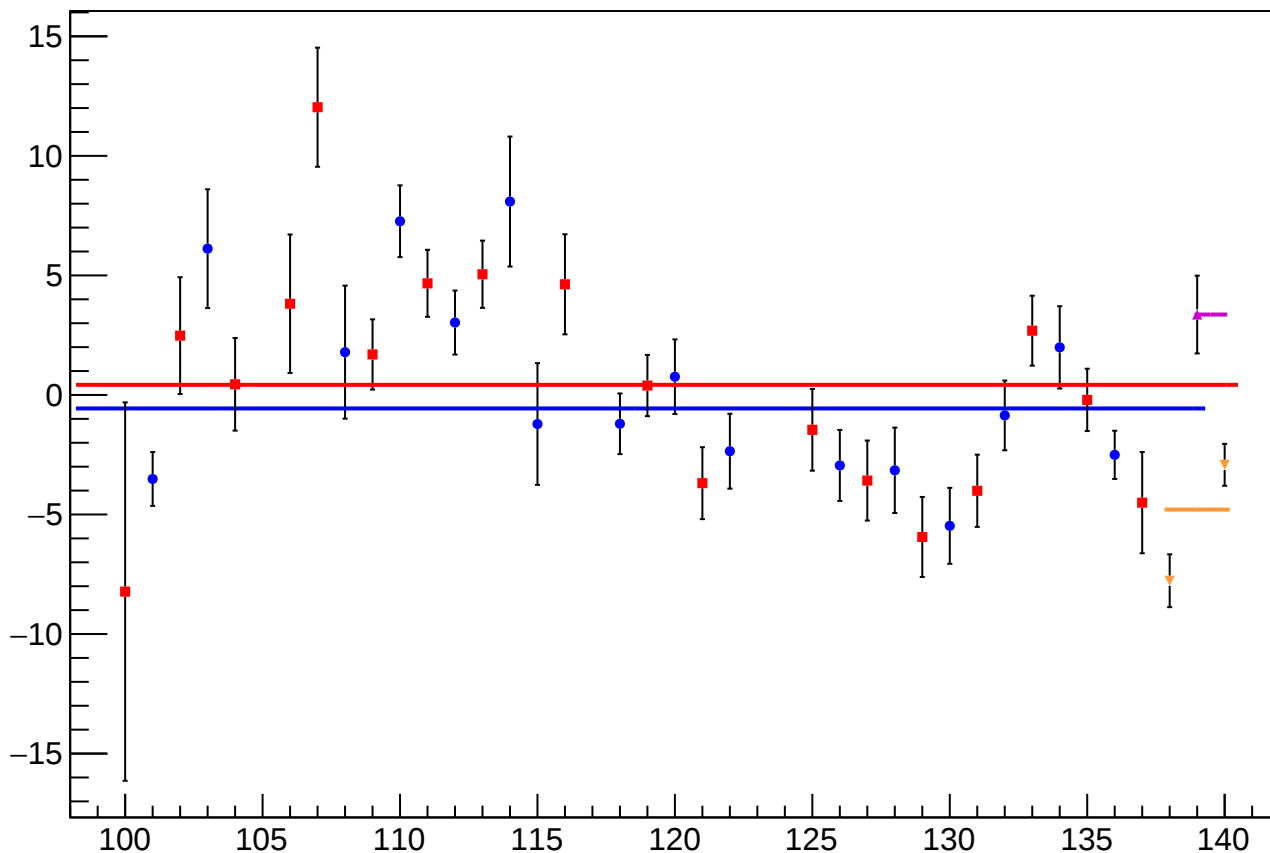
Right: -52.232±/0.434 χ^2 /NDF: 465.9/33

In: -53.626±/0.524 χ^2 /NDF:252.5/16

Out: -47.418±/0.460 χ^2 /NDF:395.6/19

All: -50.119±/0.346 χ^2 /NDF: 727.4/36

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -4.795 ± 0.687 χ^2/NDF : 11.8/1

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.363 ± 1.627 χ^2/NDF : 0.0/0

Left: -3.561 ± 0.633 χ^2/NDF : 33.2/2

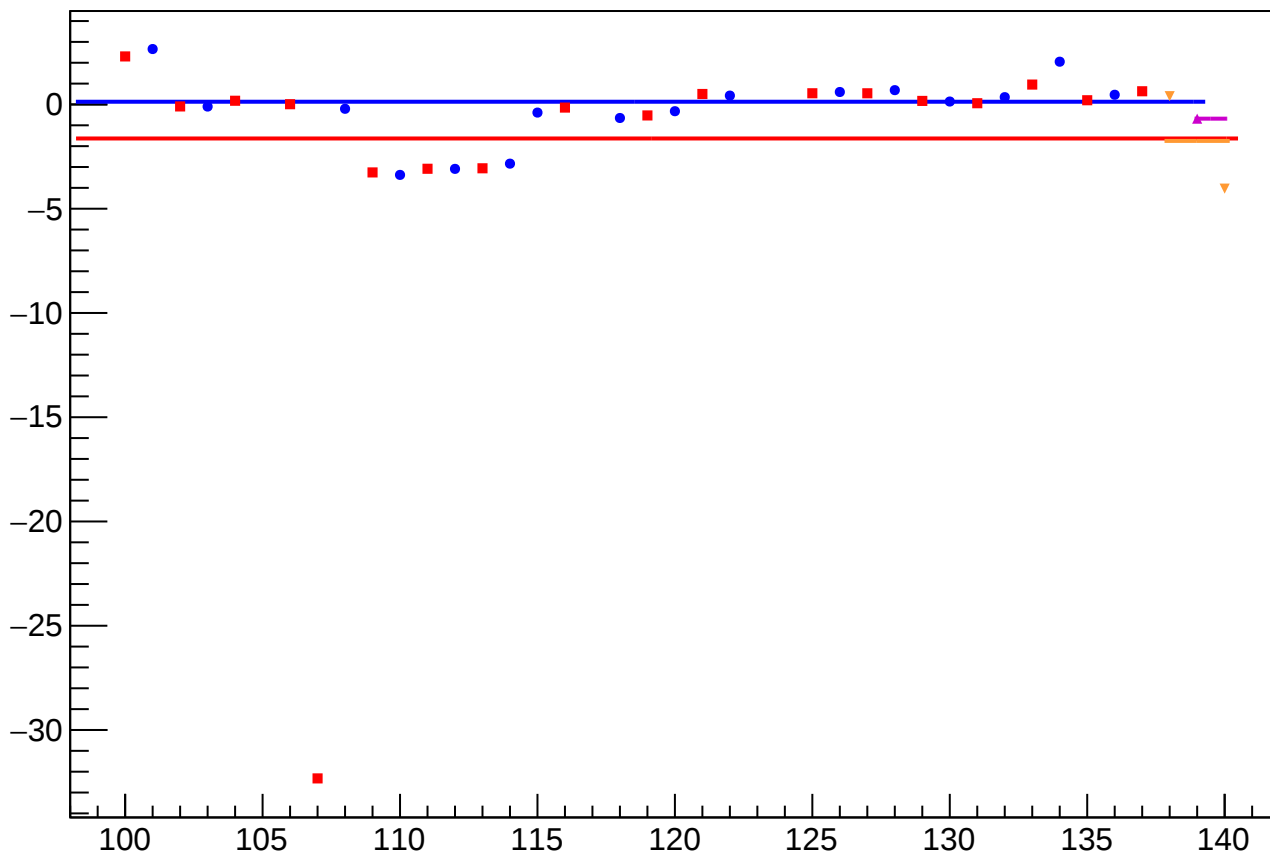
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -0.357 ± 0.374 χ^2/NDF : 87.4/16

Out: -0.897 ± 0.345 χ^2/NDF : 150.3/19

All: -0.649 ± 0.254 χ^2/NDF : 238.7/36

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: -1.749 ± 0.029 $\chi^2/\text{NDF}: 6030.7/1$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -0.681 ± 0.036 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.332 ± 0.022 $\chi^2/\text{NDF}: 6576.4/2$

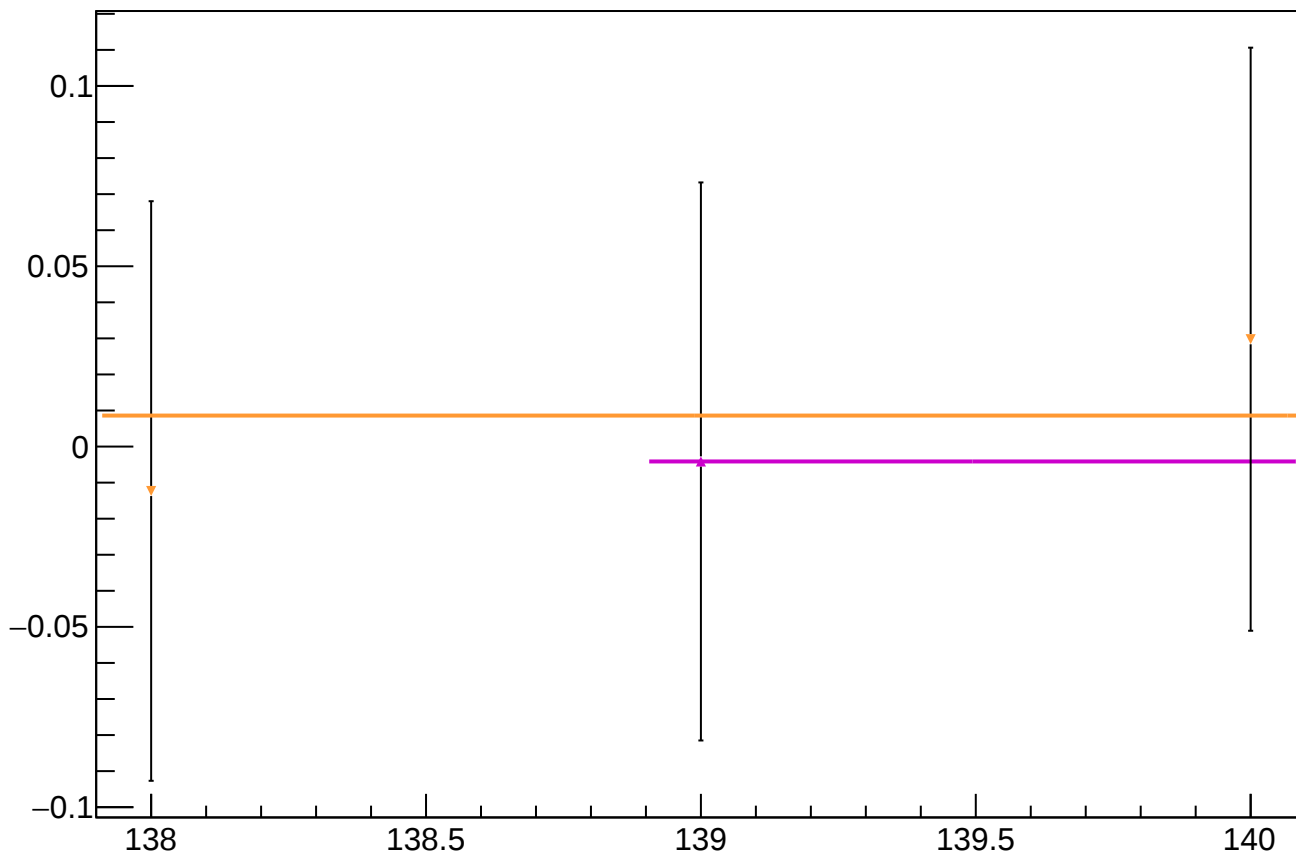
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -0.086 ± 0.018 $\chi^2/\text{NDF}: 5612.3/16$

Out: -1.675 ± 0.017 $\chi^2/\text{NDF}: 83915.7/19$

All: -0.929 ± 0.013 $\chi^2/\text{NDF}: 93475.2/36$

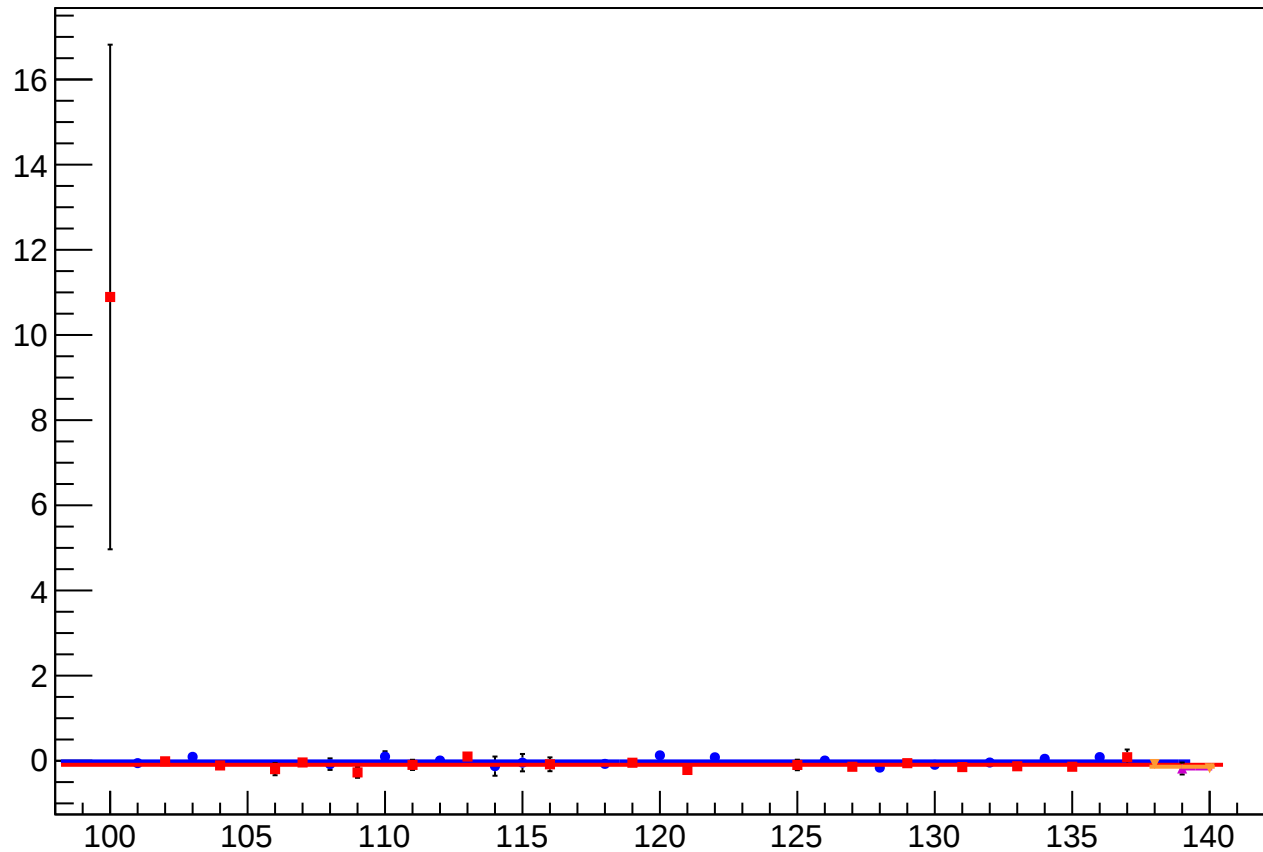
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.009 $\pm$ 0.057 χ^2/NDF : 0.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.004 $\pm$ 0.077 χ^2/NDF : 0.0/0

Left: 0.004 $\pm$ 0.046 χ^2/NDF : 0.2/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.004 $\pm$ 0.077 χ^2/NDF : 0.0/0
 Out: 0.009 $\pm$ 0.057 χ^2/NDF : 0.1/1
 All: 0.004 $\pm$ 0.046 χ^2/NDF : 0.2/2

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: -0.139 $\pm$ 0.053 χ^2 /NDF:0.9/1

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.181 $\pm$ 0.140 χ^2 /NDF:0.0/0

Left: -0.144 $\pm$ 0.049 χ^2 /NDF: 0.9/2

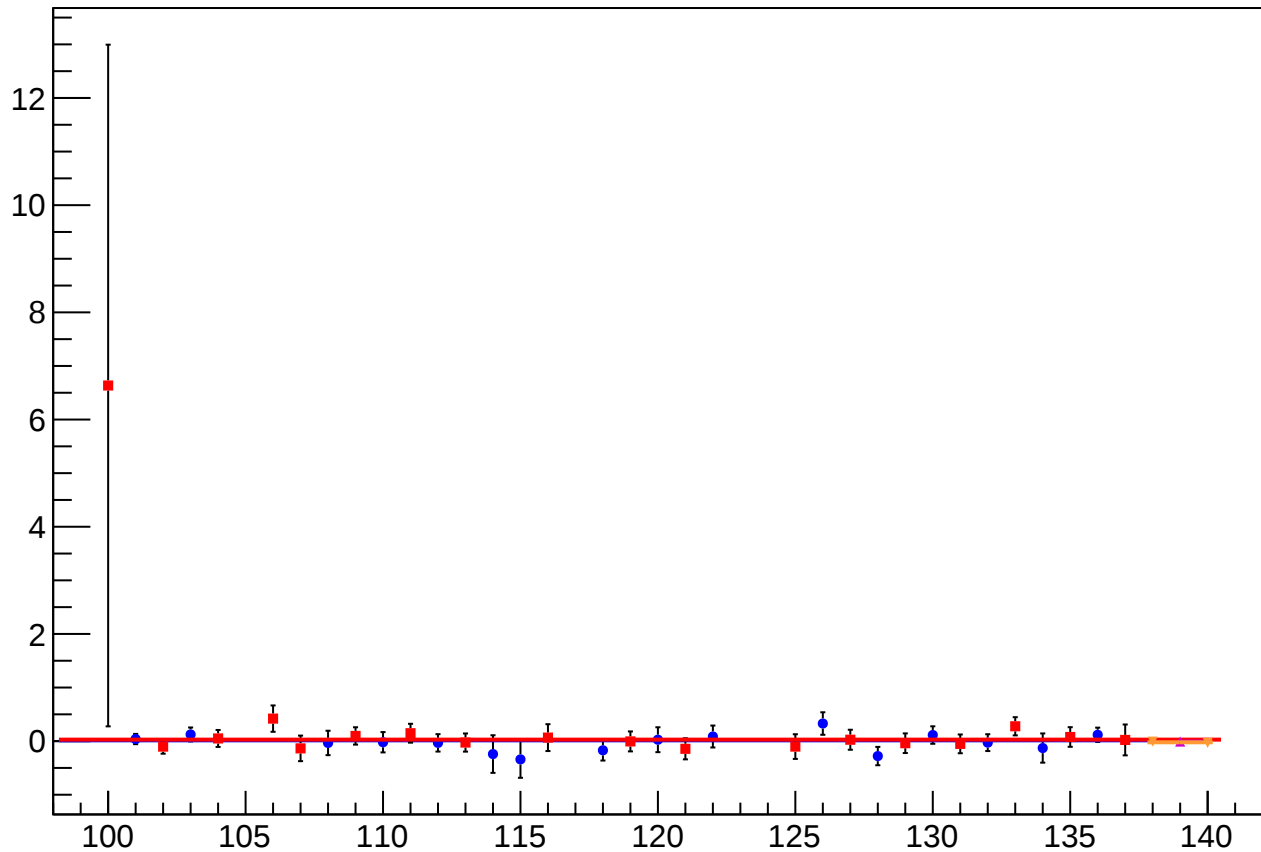
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.018 $\pm$ 0.023 χ^2 /NDF:13.8/16

Out: -0.102 $\pm$ 0.022 χ^2 /NDF:15.0/19

All: -0.061 $\pm$ 0.016 χ^2 /NDF: 35.6/36

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: -0.022+/-0.061 χ^2/NDF : 0.0/1

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.008+/-0.084 χ^2/NDF : 0.0/0

Left: -0.017+/-0.049 χ^2/NDF : 0.1/2

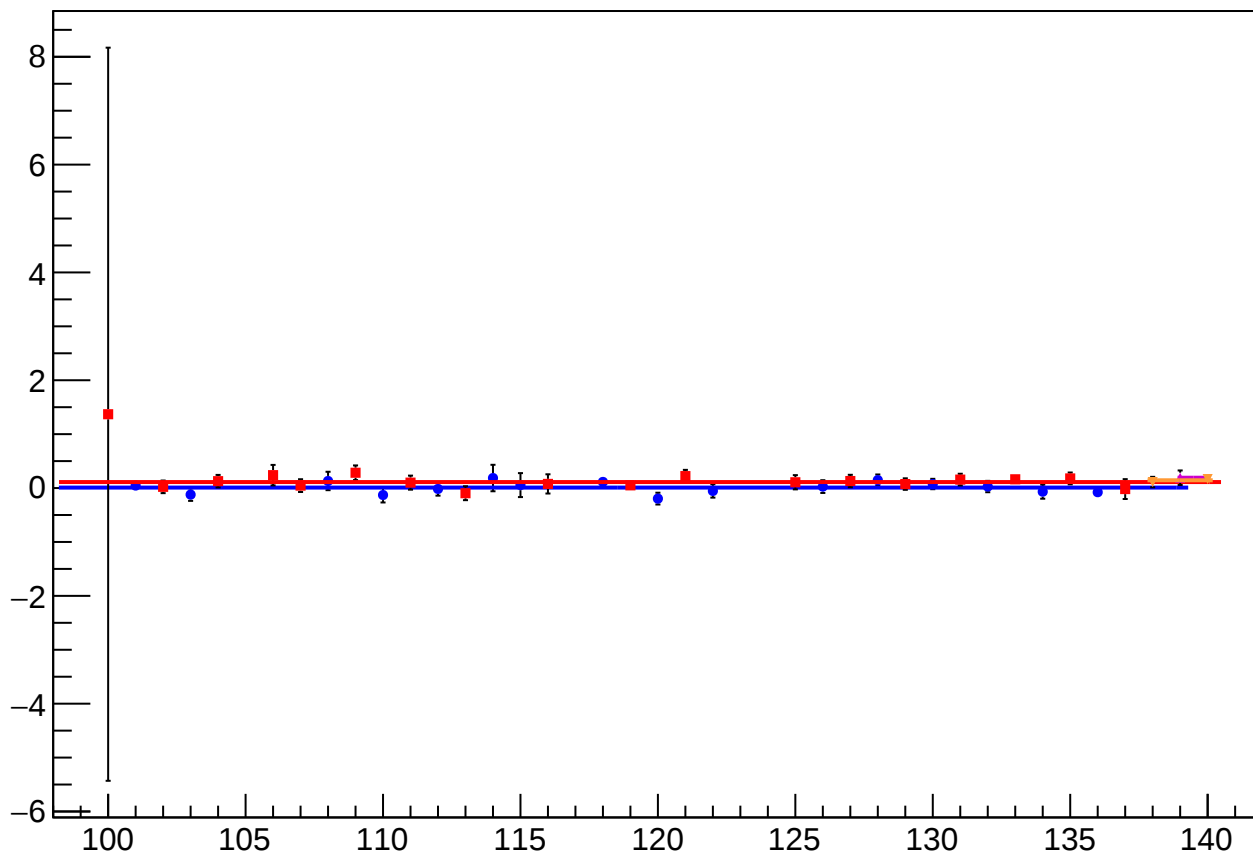
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.010+/-0.038 χ^2/NDF : 10.2/16

Out: 0.011+/-0.036 χ^2/NDF : 10.0/19

All: 0.010+/-0.026 χ^2/NDF : 20.1/36

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: 0.144 $\pm$ 0.062 χ^2 /NDF: 0.2/1

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.191 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Left: 0.152 $\pm$ 0.056 χ^2 /NDF: 0.3/2

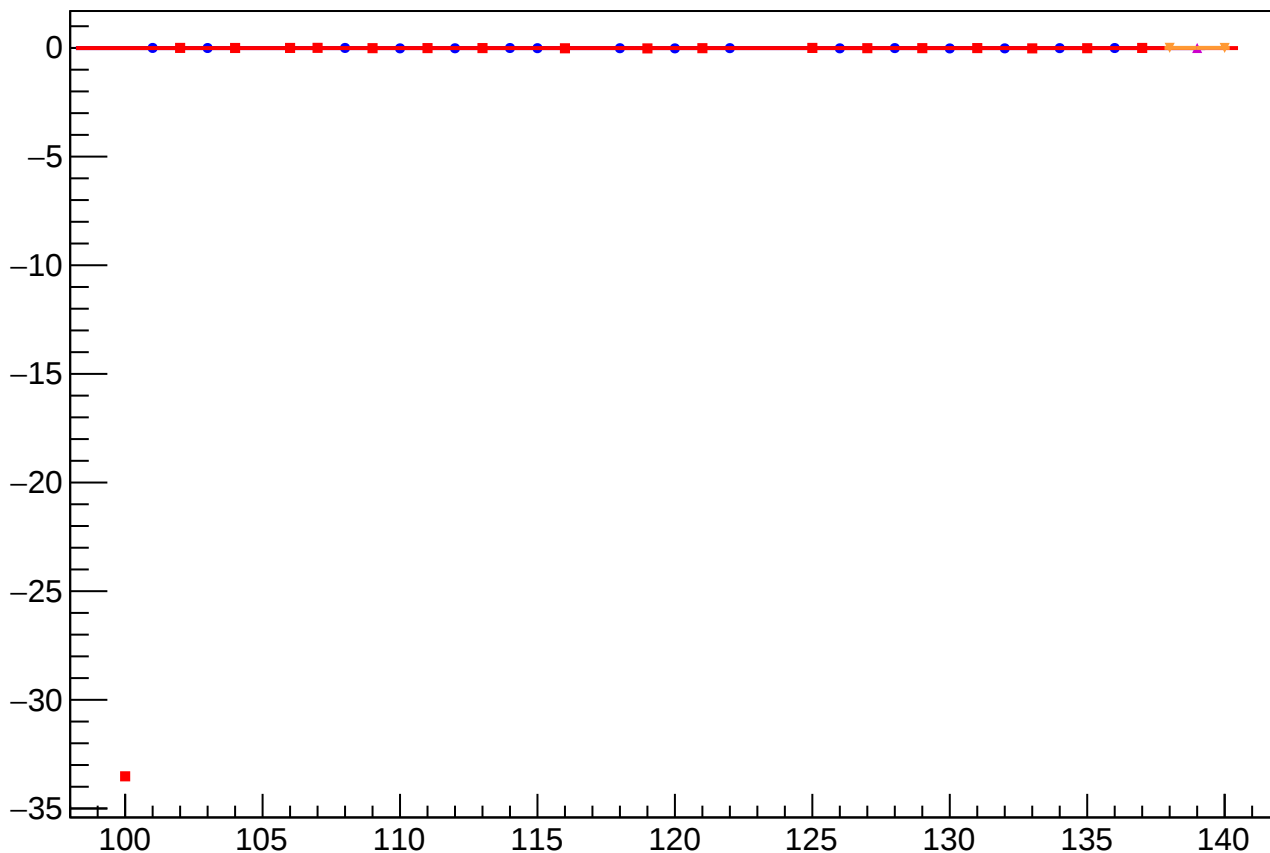
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.016 $\pm$ 0.026 χ^2 /NDF: 14.3/16

Out: 0.117 $\pm$ 0.026 χ^2 /NDF: 9.1/19

All: 0.067 $\pm$ 0.019 χ^2 /NDF: 30.9/36

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: 0.003 $\pm$ 0.003 χ^2 /NDF:0.7/1

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.003 χ^2 /NDF:0.0/0

Left: 0.001 $\pm$ 0.002 χ^2 /NDF: 1.8/2

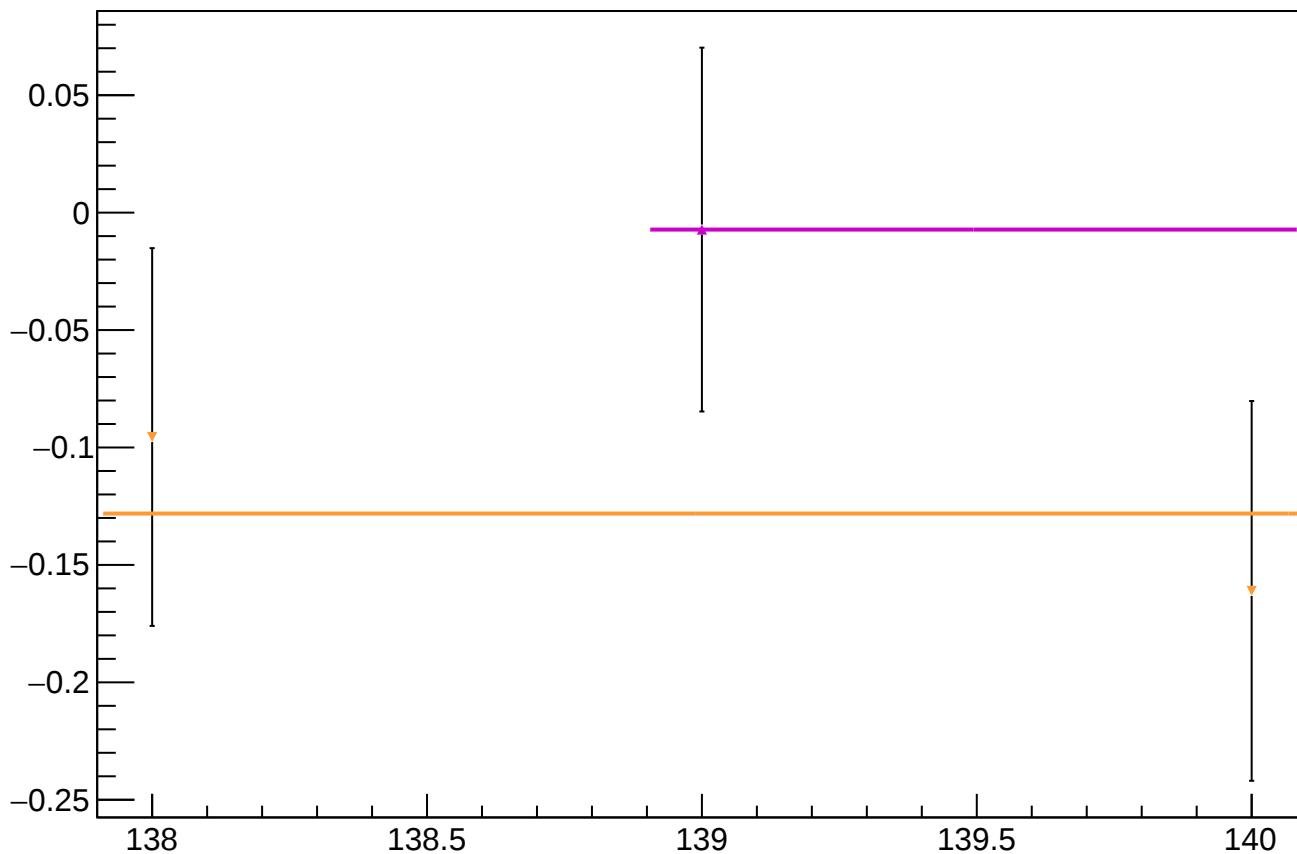
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.005 $\pm$ 0.001 χ^2 /NDF:24.1/16

Out: -0.004 $\pm$ 0.001 χ^2 /NDF:26519.4/19

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26543.8/36

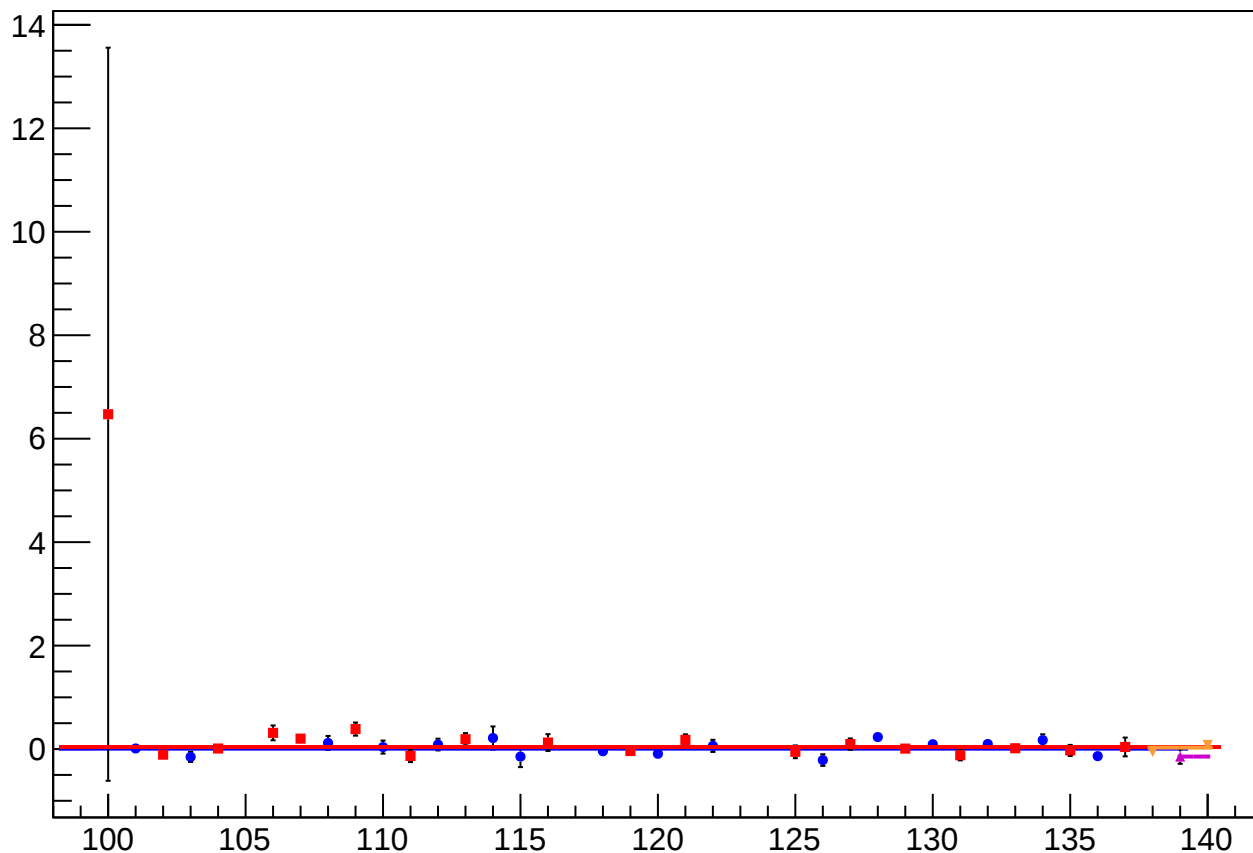
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.128 $\pm$ 0.057 χ^2/NDF : 0.3/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.007 $\pm$ 0.077 χ^2/NDF : 0.0/0

Left: -0.086 $\pm$ 0.046 χ^2/NDF : 1.9/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.007 $\pm$ 0.077 χ^2/NDF : 0.0/0
 Out: -0.128 $\pm$ 0.057 χ^2/NDF : 0.3/1
 All: -0.086 $\pm$ 0.046 χ^2/NDF : 1.9/2

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: 0.029 $\pm$ 0.053 χ^2 /NDF:1.5/1

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: -0.145 $\pm$ 0.140 χ^2 /NDF:0.0/0

Left: 0.007 $\pm$ 0.049 χ^2 /NDF: 2.9/2

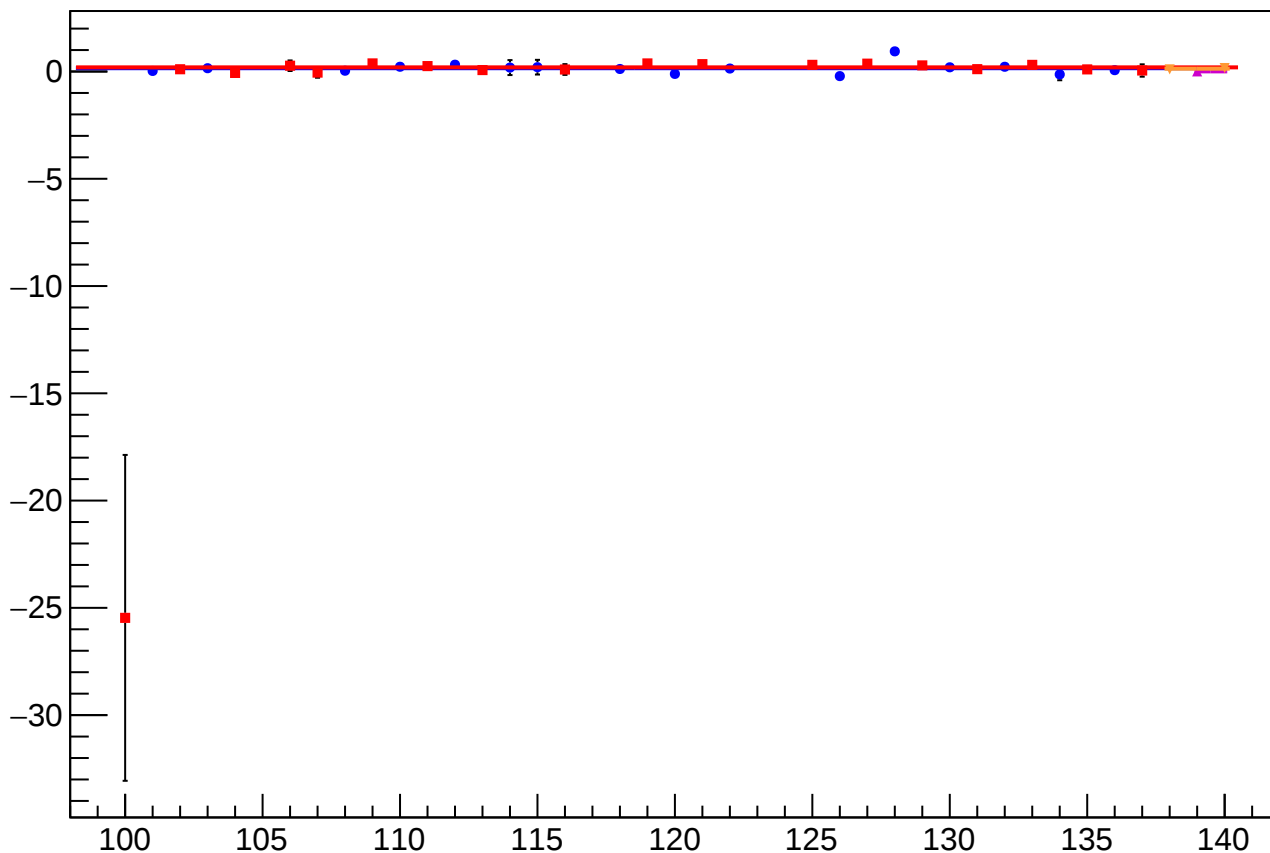
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.004 $\pm$ 0.023 χ^2 /NDF:24.8/16

Out: 0.037 $\pm$ 0.022 χ^2 /NDF:30.0/19

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 55.9/36

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.131 $\pm$ 0.061 χ^2 /NDF: 0.3/1

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.006 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left: 0.088 $\pm$ 0.049 χ^2 /NDF: 1.7/2

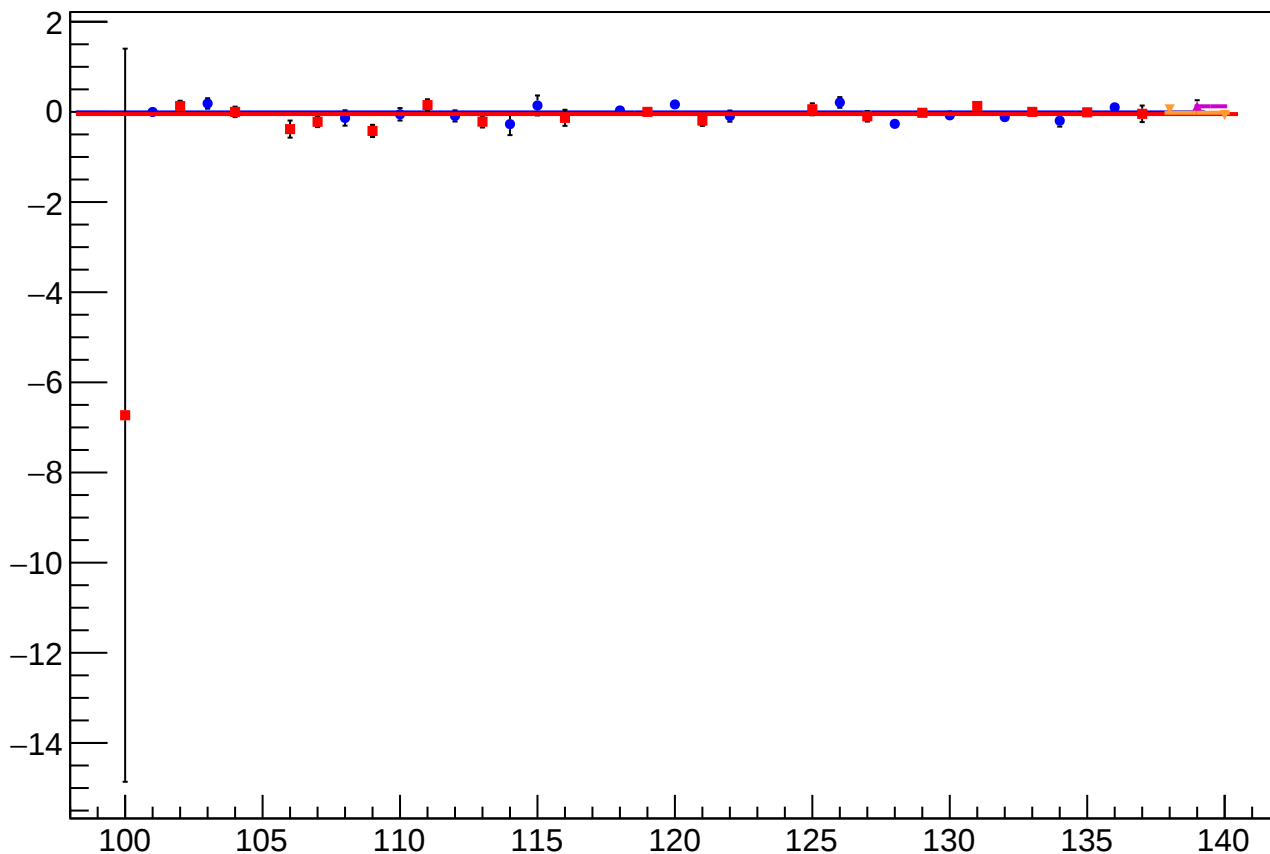
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.123 $\pm$ 0.038 χ^2 /NDF: 33.0/16

Out: 0.171 $\pm$ 0.036 χ^2 /NDF: 22.9/19

All: 0.149 $\pm$ 0.026 χ^2 /NDF: 56.7/36

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.027 χ^2 /NDF: 23.4/15

Left Out: -0.018 $\pm$ 0.062 χ^2 /NDF:1.0/1

Right Out: -0.048 $\pm$ 0.029 χ^2 /NDF: 26.2/17

Left In: 0.124 $\pm$ 0.135 χ^2 /NDF:0.0/0

Left: 0.006 $\pm$ 0.056 χ^2 /NDF: 1.9/2

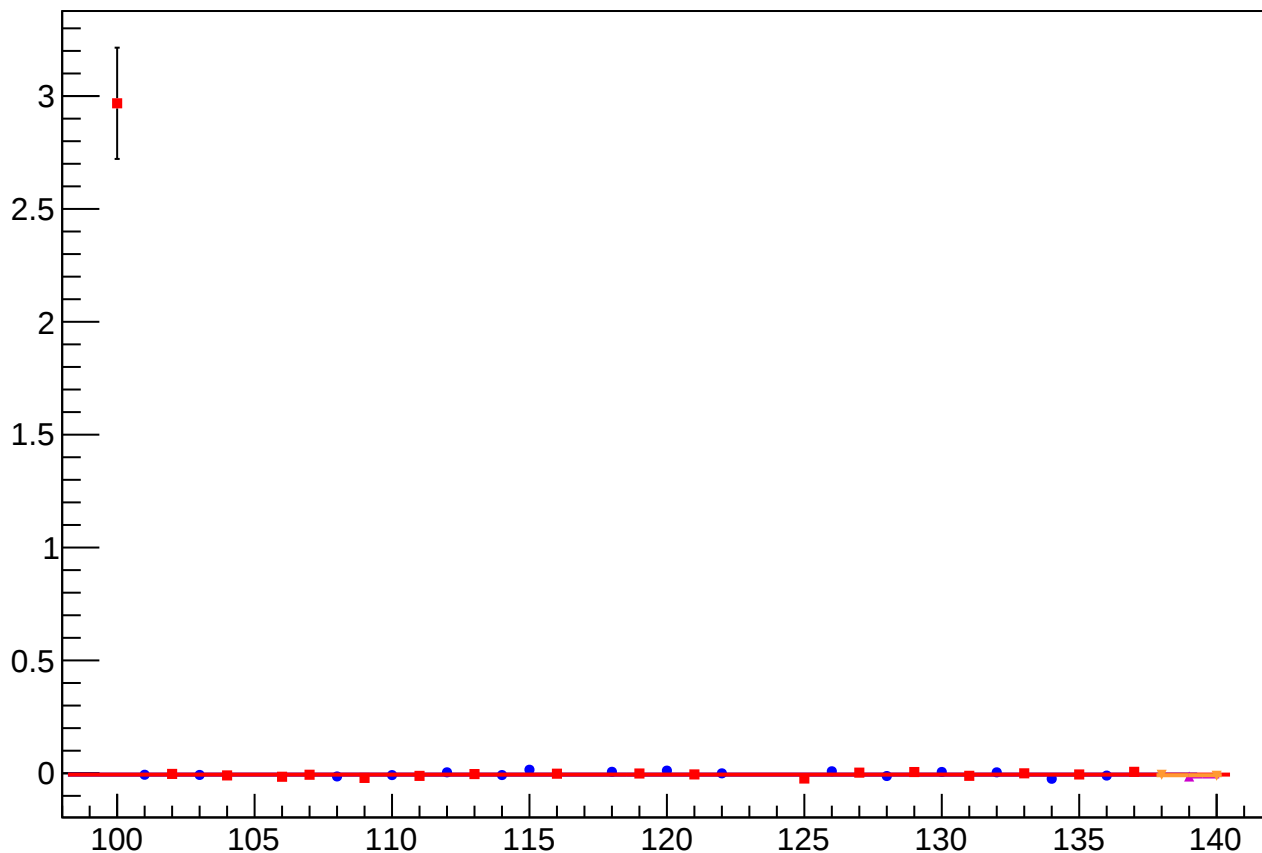
Right: -0.029 $\pm$ 0.020 χ^2 /NDF: 50.6/33

In: -0.006 $\pm$ 0.026 χ^2 /NDF:24.4/16

Out: -0.043 $\pm$ 0.026 χ^2 /NDF:27.4/19

All: -0.025 $\pm$ 0.018 χ^2 /NDF: 52.8/36

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 ± 0.003 χ^2/NDF : 0.8/1

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.014 ± 0.003 χ^2/NDF : 0.0/0

Left: -0.011 ± 0.002 χ^2/NDF : 2.9/2

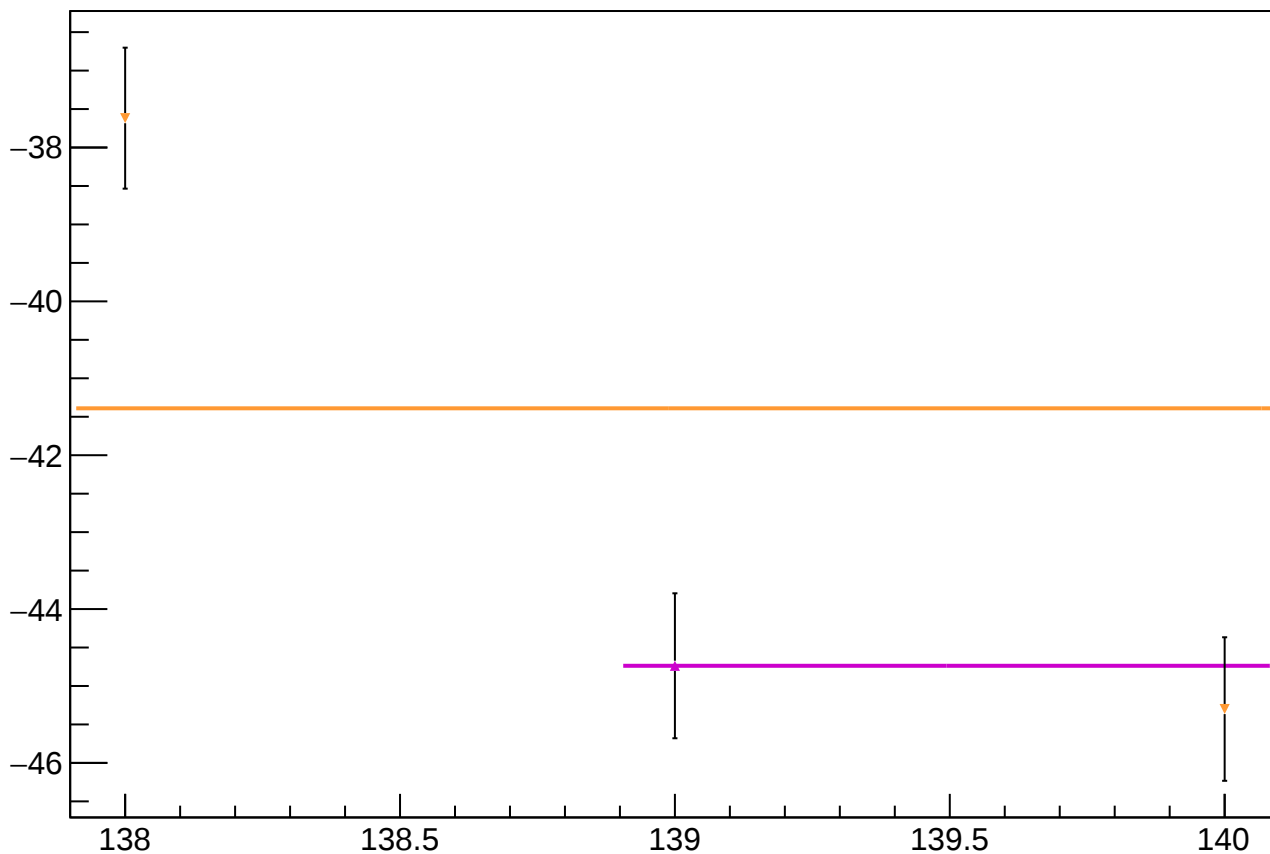
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.008 ± 0.001 χ^2/NDF : 35.2/16

Out: -0.007 ± 0.001 χ^2/NDF : 166.9/19

All: -0.007 ± 0.001 χ^2/NDF : 202.4/36

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: -41.390+/-0.654 χ^2/NDF : 34.5/1

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

Left In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Left: -42.478+/-0.537 χ^2/NDF : 43.0/2

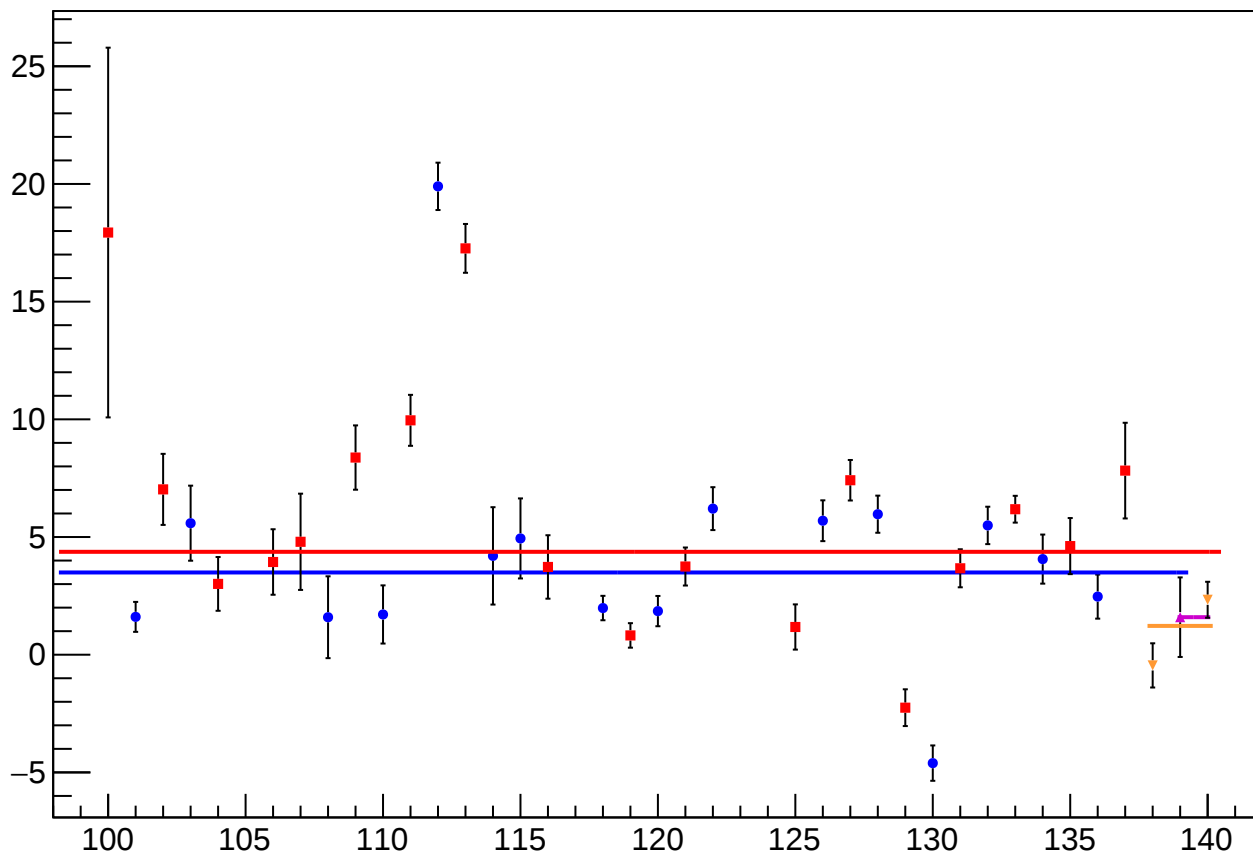
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

All: -42.478+/-0.537 χ^2/NDF : 43.0/2

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.224 $\pm$ 0.593 χ^2 /NDF:5.3/1

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.594 $\pm$ 1.690 χ^2 /NDF:0.0/0

Left: 1.264 $\pm$ 0.559 χ^2 /NDF: 5.3/2

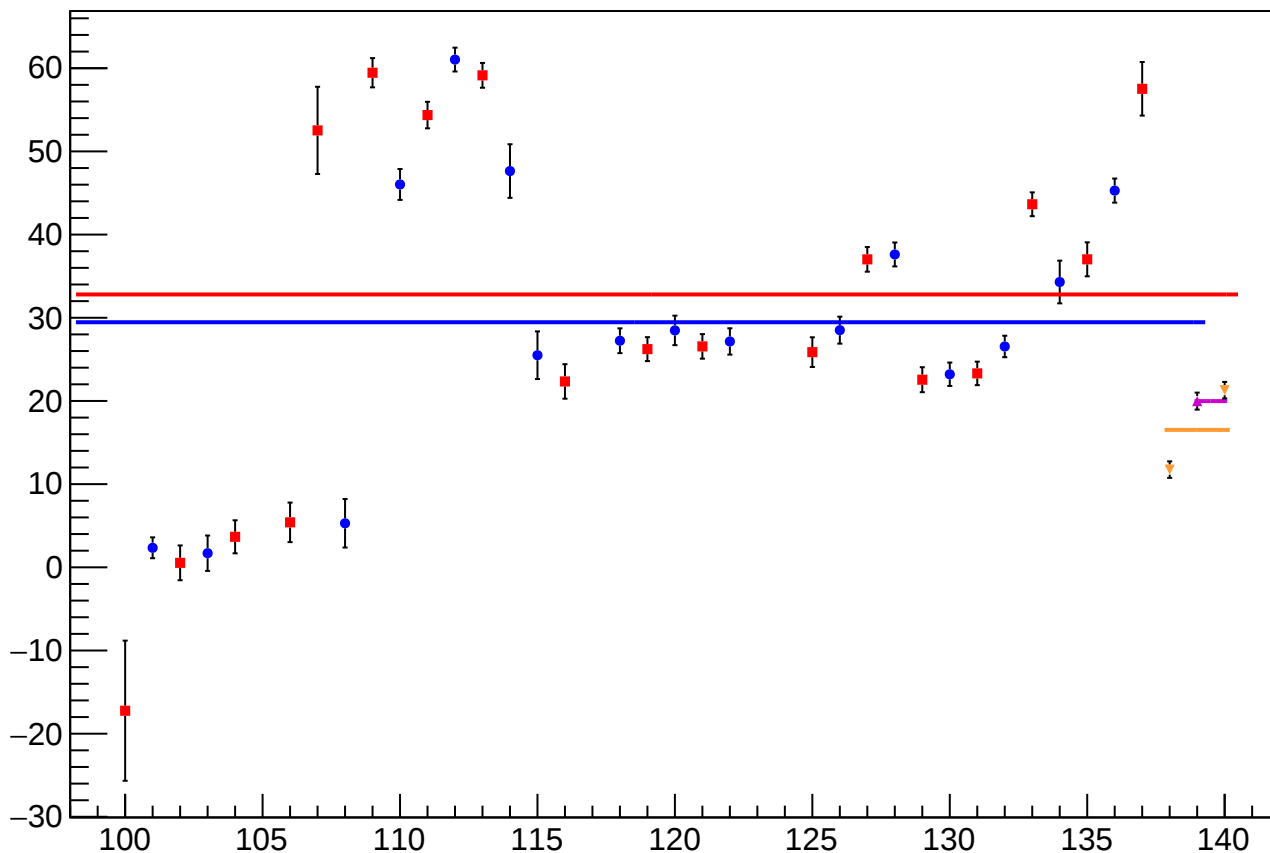
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 3.463 $\pm$ 0.216 χ^2 /NDF:446.1/16

Out: 3.974 $\pm$ 0.211 χ^2 /NDF:383.9/19

All: 3.725 $\pm$ 0.151 χ^2 /NDF: 832.9/36

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 16.523+/-0.703 χ^2/NDF : 46.2/1

Right Out: 32.804+/-0.423 χ^2/NDF : 1659.8/17

Left In: 19.981+/-1.021 χ^2/NDF : 0.0/0

Left: 17.634+/-0.579 χ^2/NDF : 54.0/2

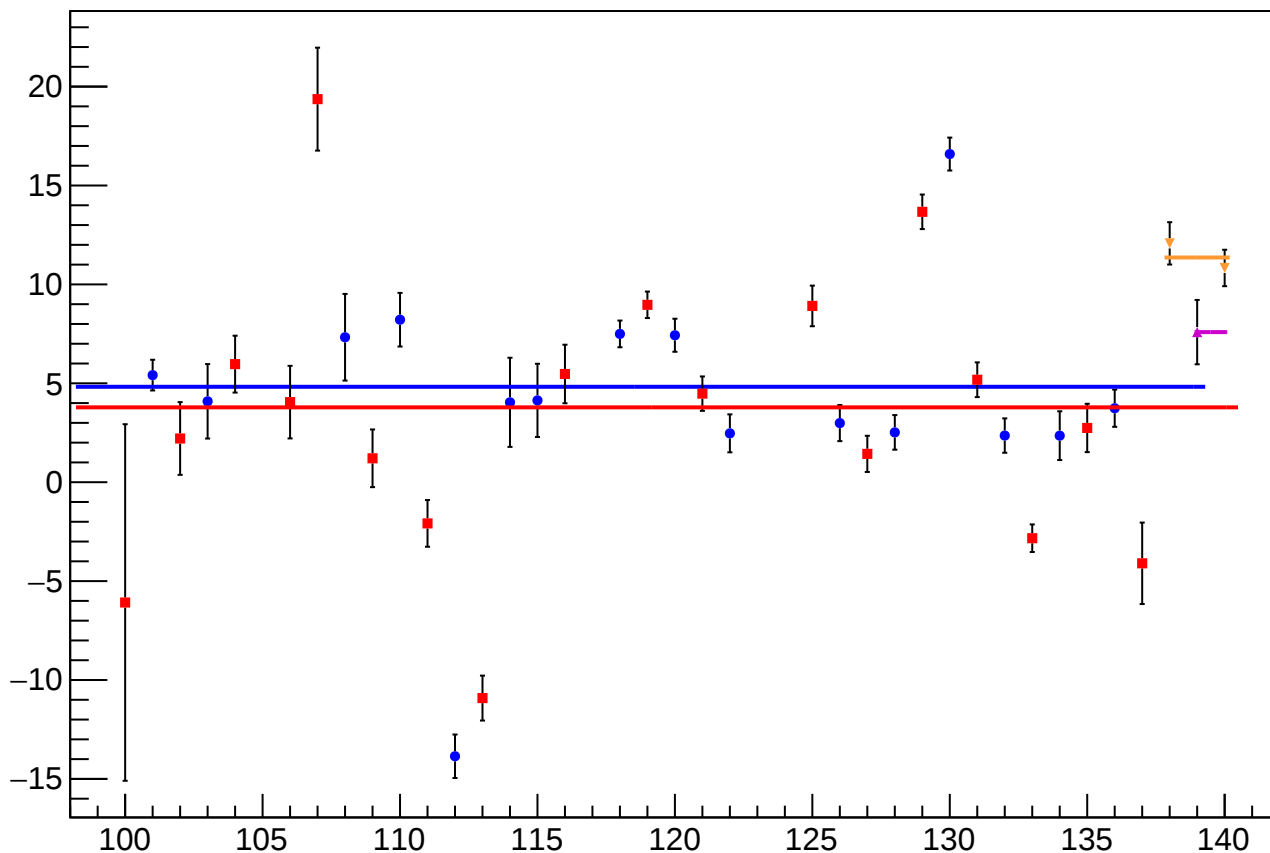
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 28.104+/-0.386 χ^2/NDF : 1565.5/16

Out: 28.472+/-0.362 χ^2/NDF : 2100.1/19

All: 28.300+/-0.264 χ^2/NDF : 3666.1/36

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 11.360 $\pm$ 0.698 χ^2 /NDF:0.8/1

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 7.588 $\pm$ 1.627 χ^2 /NDF:0.0/0

Left: 10.773 $\pm$ 0.642 χ^2 /NDF: 5.3/2

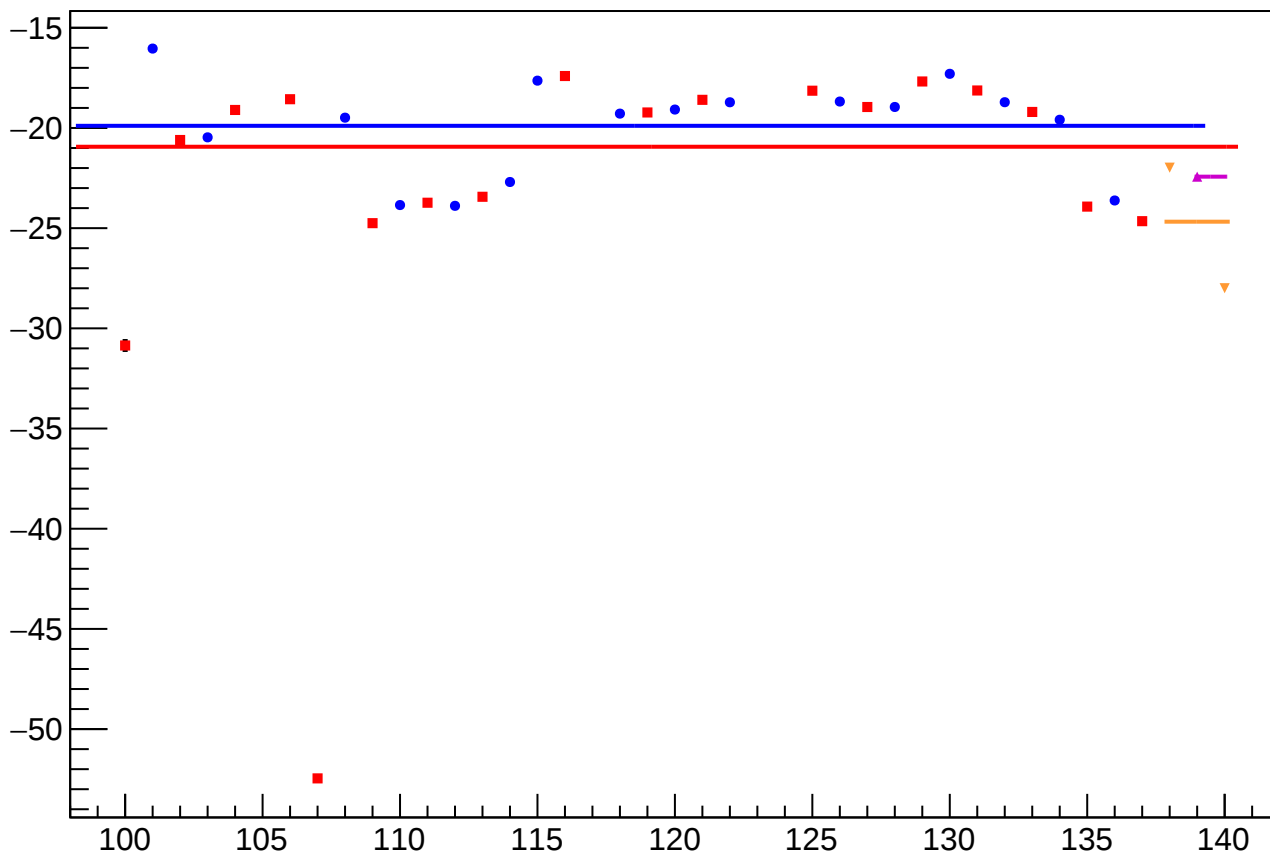
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 4.889 $\pm$ 0.249 χ^2 /NDF:555.8/16

Out: 4.700 $\pm$ 0.243 χ^2 /NDF:669.1/19

All: 4.792 $\pm$ 0.174 χ^2 /NDF: 1225.2/36

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -24.677 $\pm$ 0.029 χ^2 /NDF:10615.1/1

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -22.430 $\pm$ 0.036 χ^2 /NDF:0.0/0

Left: -23.785 $\pm$ 0.023 χ^2 /NDF: 12993.8/2

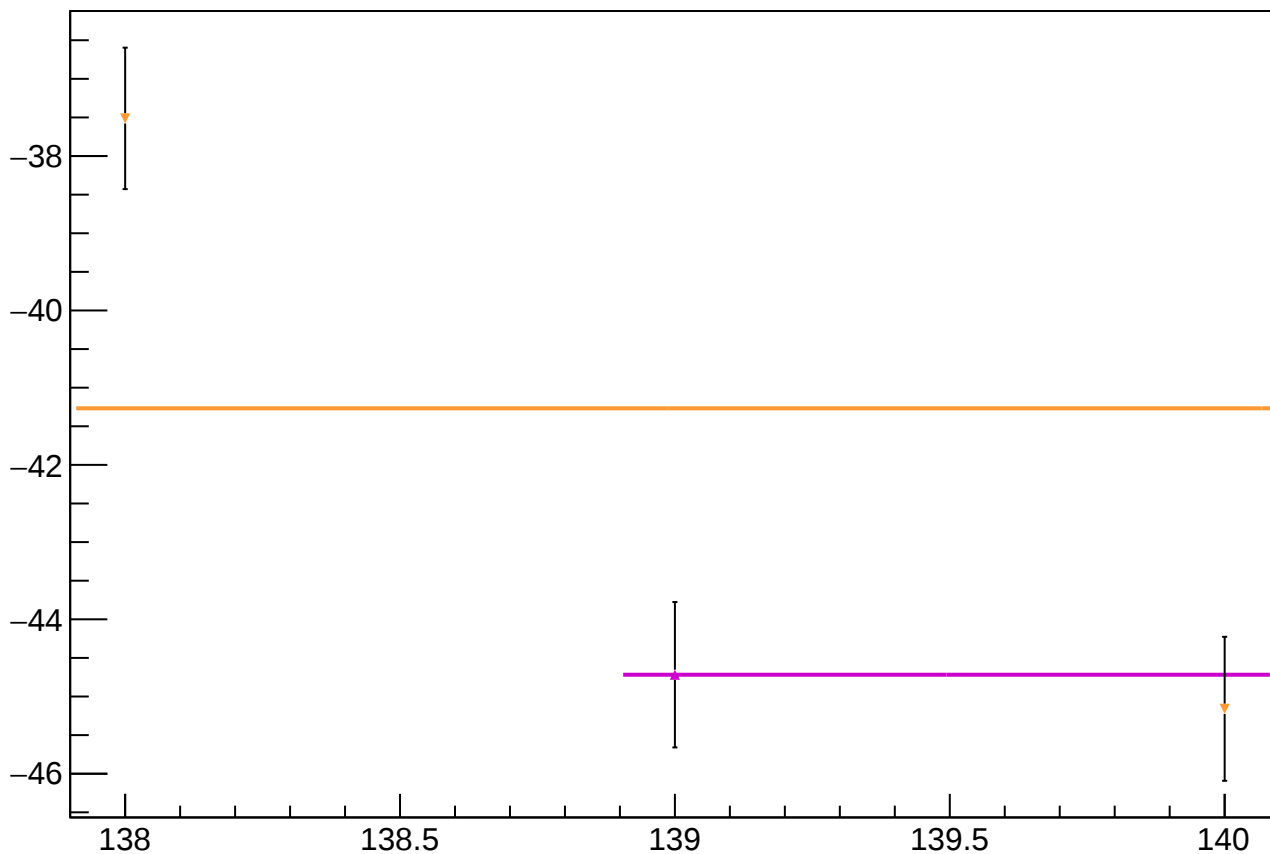
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -20.297 $\pm$ 0.014 χ^2 /NDF:30322.5/16

Out: -21.784 $\pm$ 0.014 χ^2 /NDF:117577.8/19

All: -21.065 $\pm$ 0.010 χ^2 /NDF: 153491.1/36

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: -41.267+/-0.653 χ^2/NDF : 34.2/1

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

Left In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Left: -42.389+/-0.537 χ^2/NDF : 43.3/2

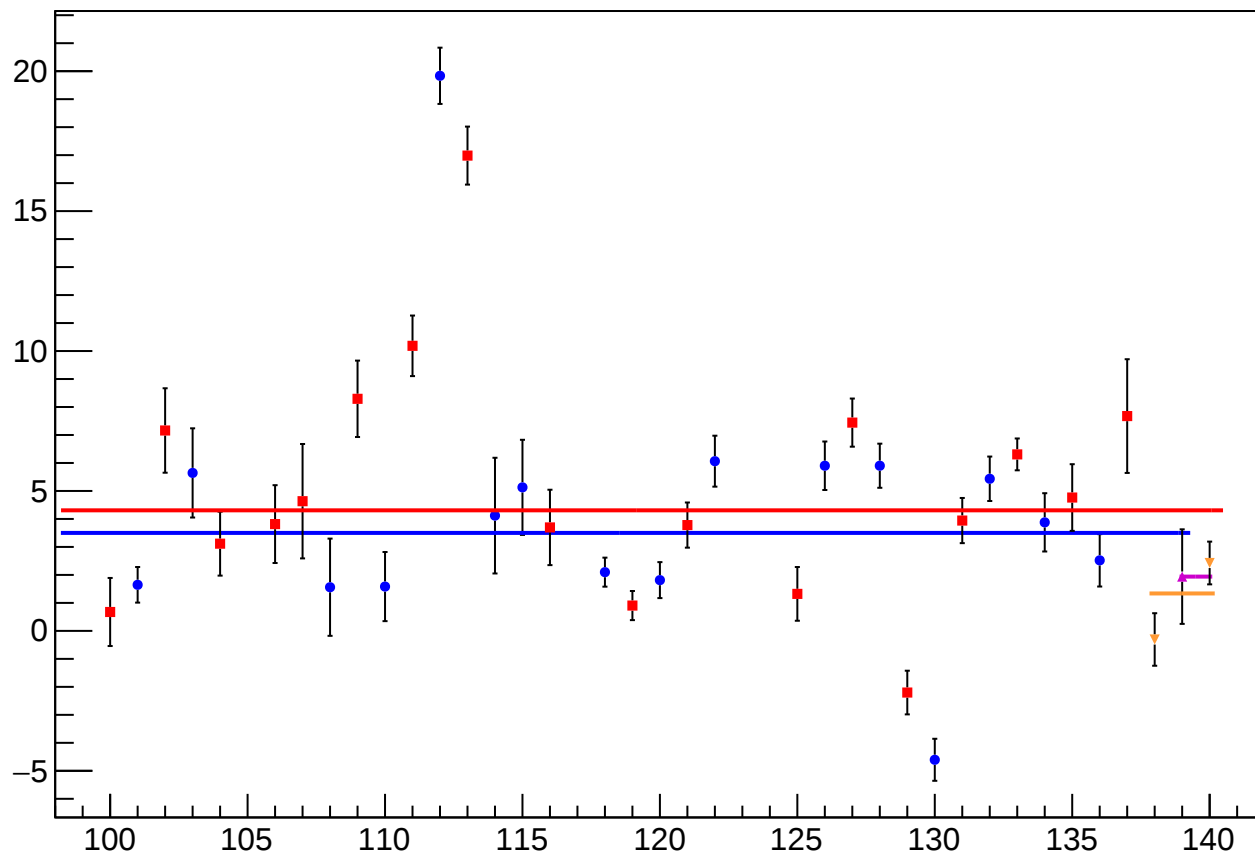
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Out: -41.267+/-0.653 χ^2/NDF : 34.2/1

All: -42.389+/-0.537 χ^2/NDF : 43.3/2

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: 1.337 ± 0.592 $\chi^2/\text{NDF}: 5.1/1$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.940 ± 1.689 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.403 ± 0.559 $\chi^2/\text{NDF}: 5.2/2$

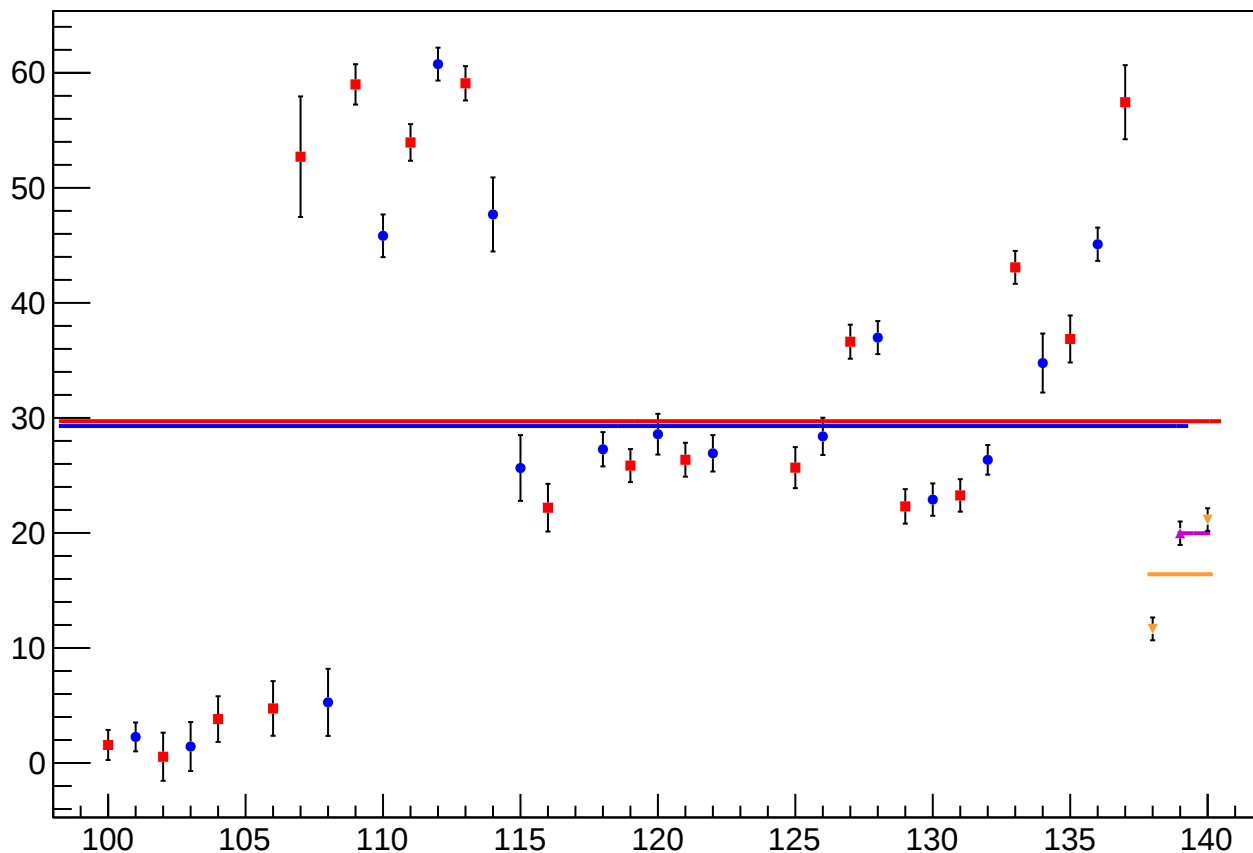
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 3.476 ± 0.216 $\chi^2/\text{NDF}: 442.7/16$

Out: 3.944 ± 0.207 $\chi^2/\text{NDF}: 380.0/19$

All: 3.719 ± 0.150 $\chi^2/\text{NDF}: 825.1/36$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2 /NDF: 1485.2/15

Left Out: 16.409+/-0.702 χ^2 /NDF:45.7/1

Right Out: 29.719+/-0.403 χ^2 /NDF: 2128.9/17

Left In: 19.976+/-1.020 χ^2 /NDF:0.0/0

Left: 17.555+/-0.578 χ^2 /NDF: 54.0/2

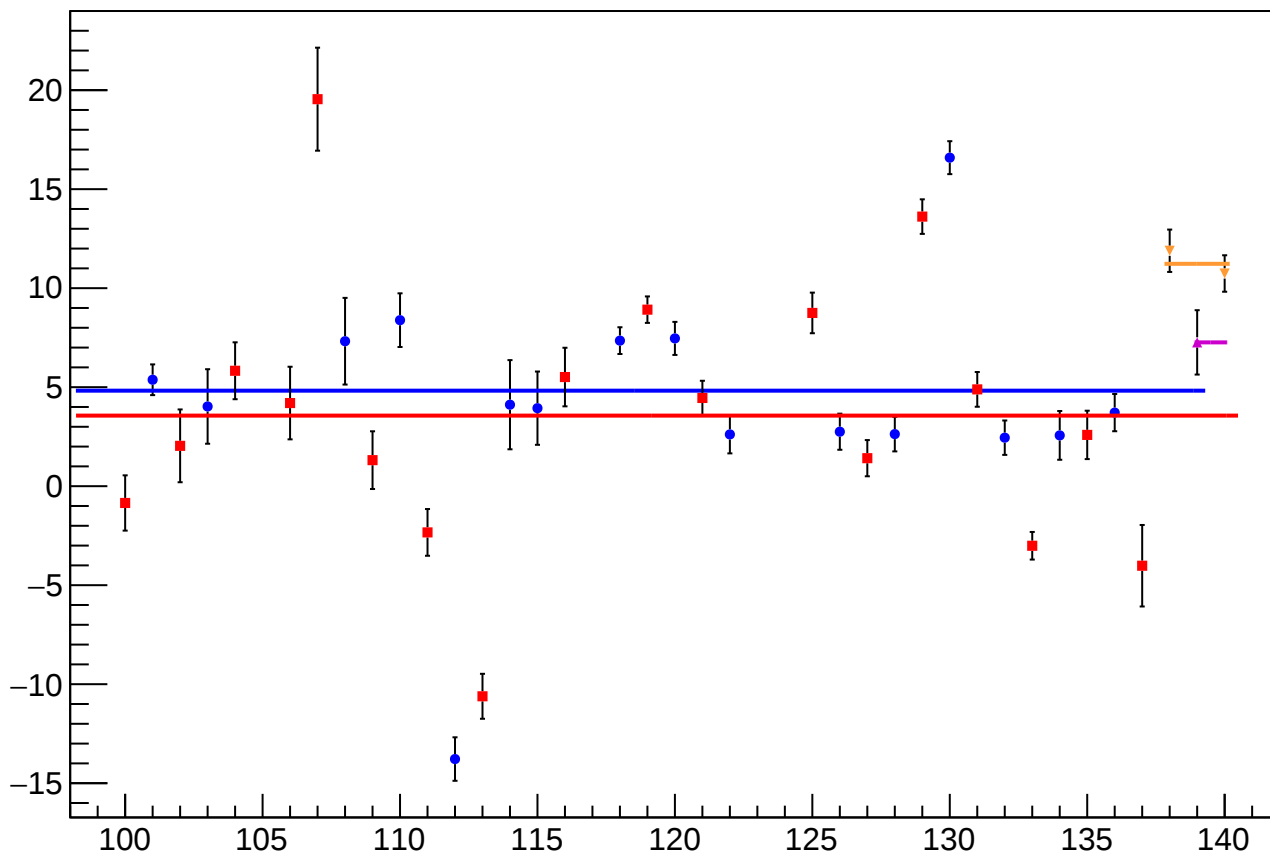
Right: 29.515+/-0.290 χ^2 /NDF: 3614.7/33

In: 27.961+/-0.386 χ^2 /NDF:1556.7/16

Out: 26.426+/-0.349 χ^2 /NDF:2445.1/19

All: 27.117+/-0.259 χ^2 /NDF: 4010.5/36

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824+/-0.252 χ^2/NDF : 549.2/15

Left Out: 11.230+/-0.698 χ^2/NDF : 0.7/1

Right Out: 3.564+/-0.254 χ^2/NDF : 570.2/17

Left In: 7.262+/-1.625 χ^2/NDF : 0.0/0

Left: 10.612+/-0.641 χ^2/NDF : 5.7/2

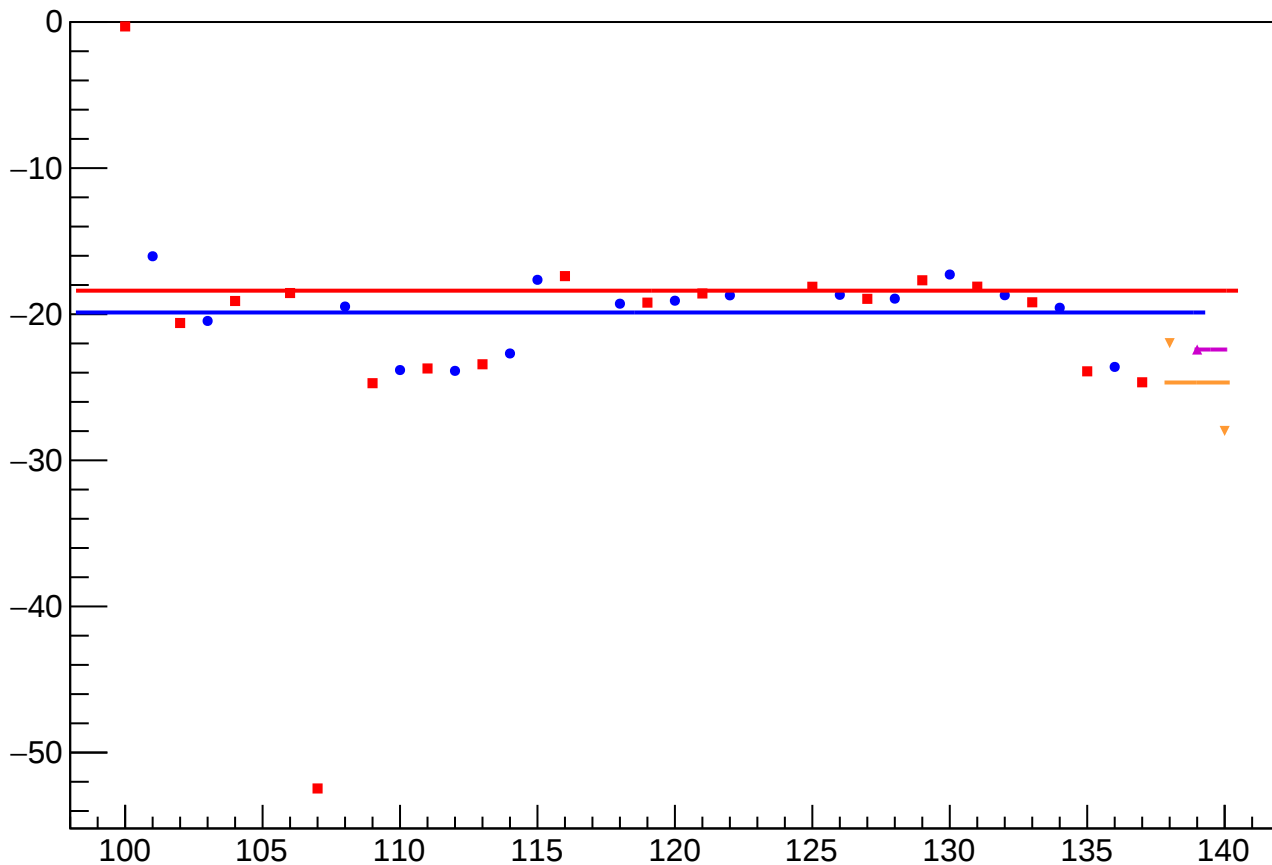
Right: 4.201+/-0.179 χ^2/NDF : 1131.9/33

In: 4.881+/-0.249 χ^2/NDF : 551.4/16

Out: 4.464+/-0.239 χ^2/NDF : 677.4/19

All: 4.664+/-0.172 χ^2/NDF : 1230.3/36

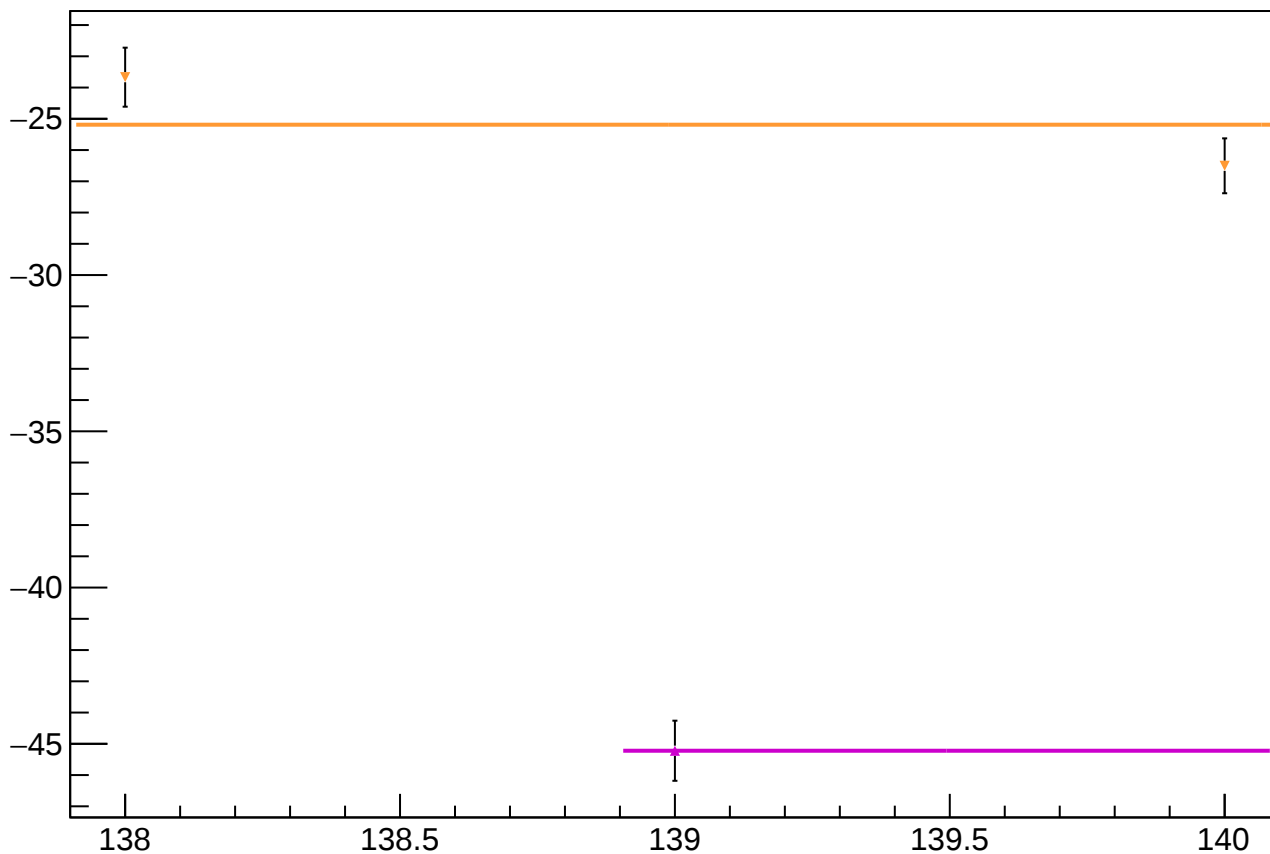
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -24.673 ± 0.029 $\chi^2/\text{NDF}: 10600.7/1$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -22.416 ± 0.036 $\chi^2/\text{NDF}: 0.0/0$

Left: -23.776 ± 0.023 $\chi^2/\text{NDF}: 13002.9/2$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.285 ± 0.014 $\chi^2/\text{NDF}: 30309.8/16$
 Out: -19.676 ± 0.013 $\chi^2/\text{NDF}: 349135.9/19$
 All: -19.955 ± 0.010 $\chi^2/\text{NDF}: 380430.0/36$

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: -25.189 ± 0.643 χ^2/NDF : 4.8/1

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

Left In: -45.222 ± 0.962 χ^2/NDF : 0.0/0

Left: -31.378 ± 0.535 χ^2/NDF : 304.6/2

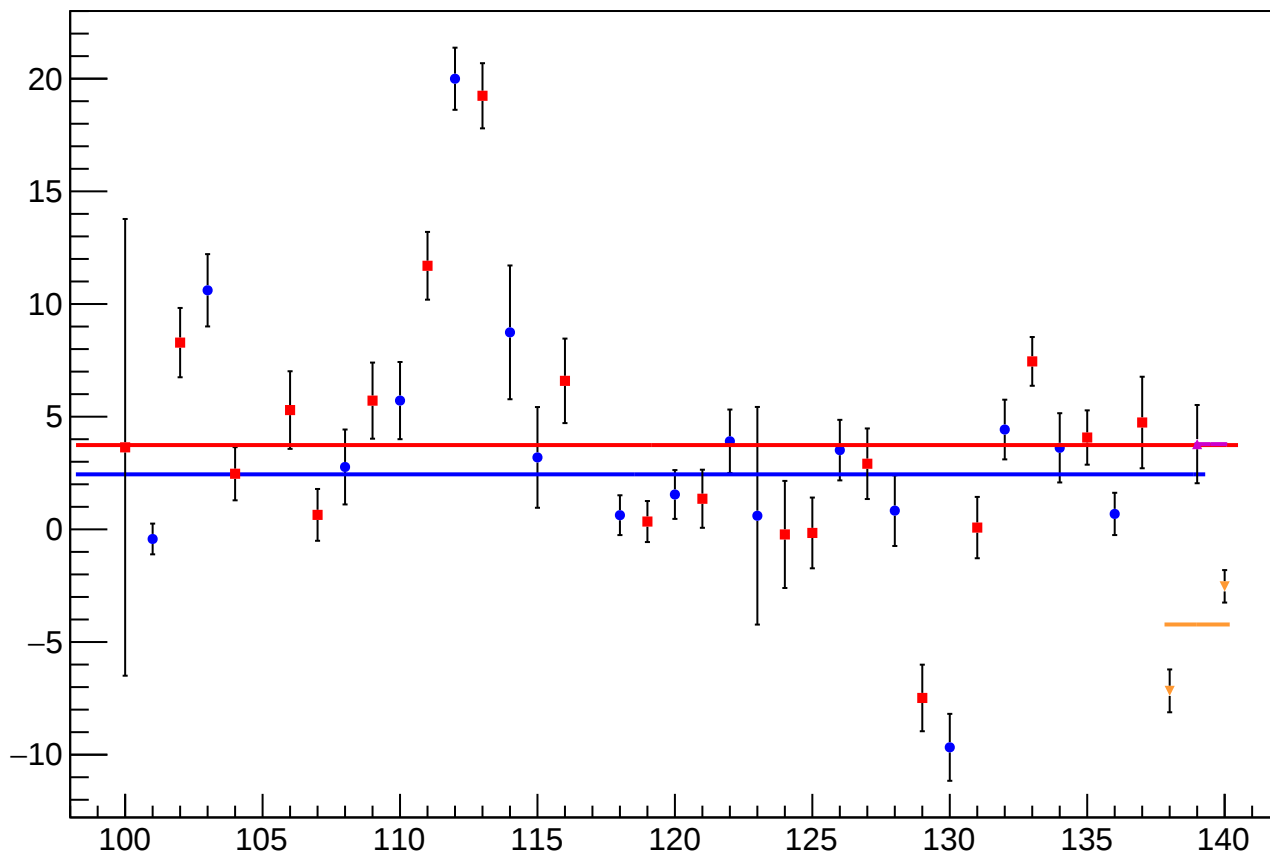
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -45.222 ± 0.962 χ^2/NDF : 0.0/0

Out: -25.189 ± 0.643 χ^2/NDF : 4.8/1

All: -31.378 ± 0.535 χ^2/NDF : 304.6/2

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -4.221 ± 0.574 $\chi^2/\text{NDF}: 15.1/1$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: 3.783 ± 1.736 $\chi^2/\text{NDF}: 0.0/0$

Left: -3.432 ± 0.545 $\chi^2/\text{NDF}: 34.3/2$

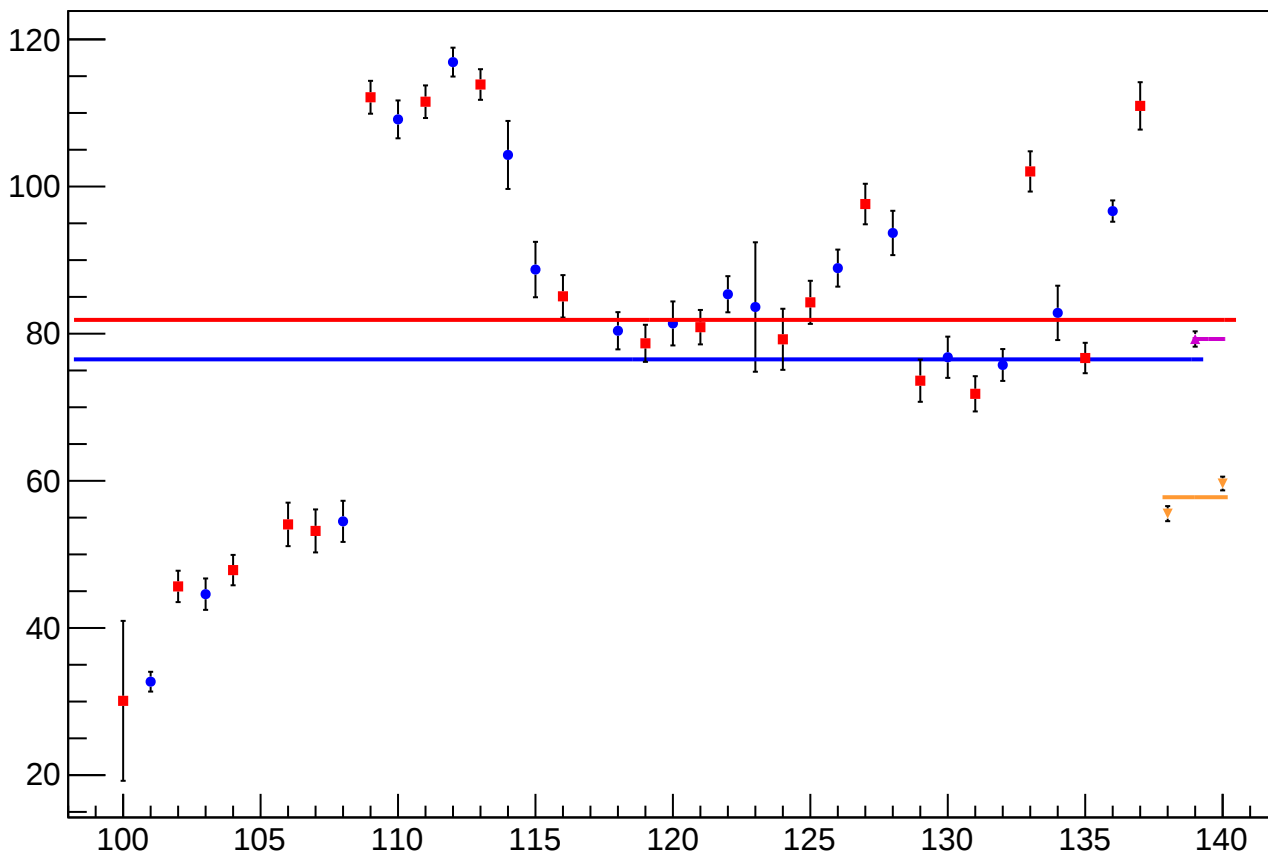
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 2.483 ± 0.307 $\chi^2/\text{NDF}: 295.3/17$

Out: 1.795 ± 0.284 $\chi^2/\text{NDF}: 428.6/20$

All: 2.113 ± 0.208 $\chi^2/\text{NDF}: 726.6/38$

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: 57.773+/-0.691 χ^2/NDF : 8.7/1

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 79.277+/-1.041 χ^2/NDF : 0.0/0

Left: 64.342+/-0.575 χ^2/NDF : 305.0/2

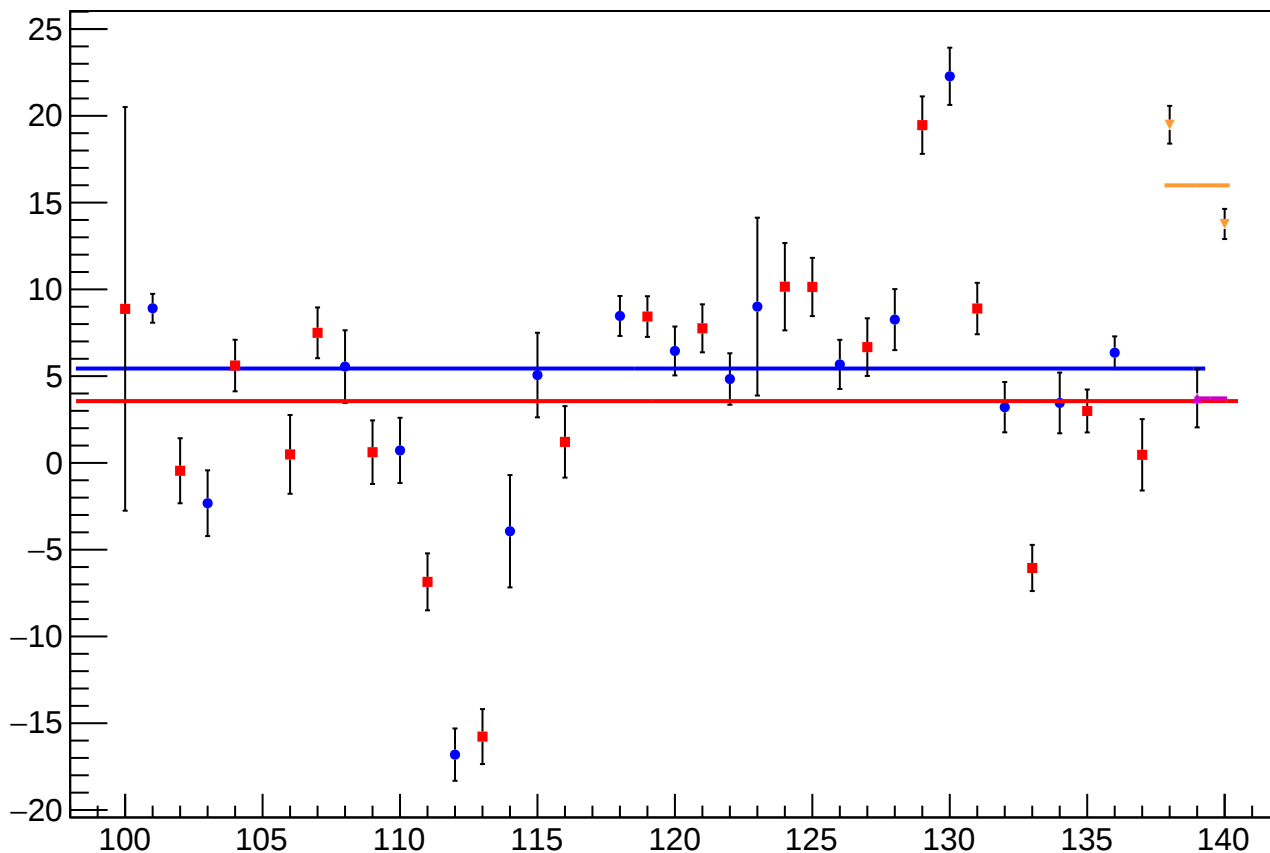
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 77.155+/-0.503 χ^2/NDF : 2256.3/17

Out: 71.670+/-0.449 χ^2/NDF : 2281.9/20

All: 74.105+/-0.335 χ^2/NDF : 4604.4/38

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 15.995 $\pm$ 0.679 χ^2 /NDF:16.9/1

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 3.720 $\pm$ 1.672 χ^2 /NDF:0.0/0

Left: 14.257 $\pm$ 0.629 χ^2 /NDF: 63.1/2

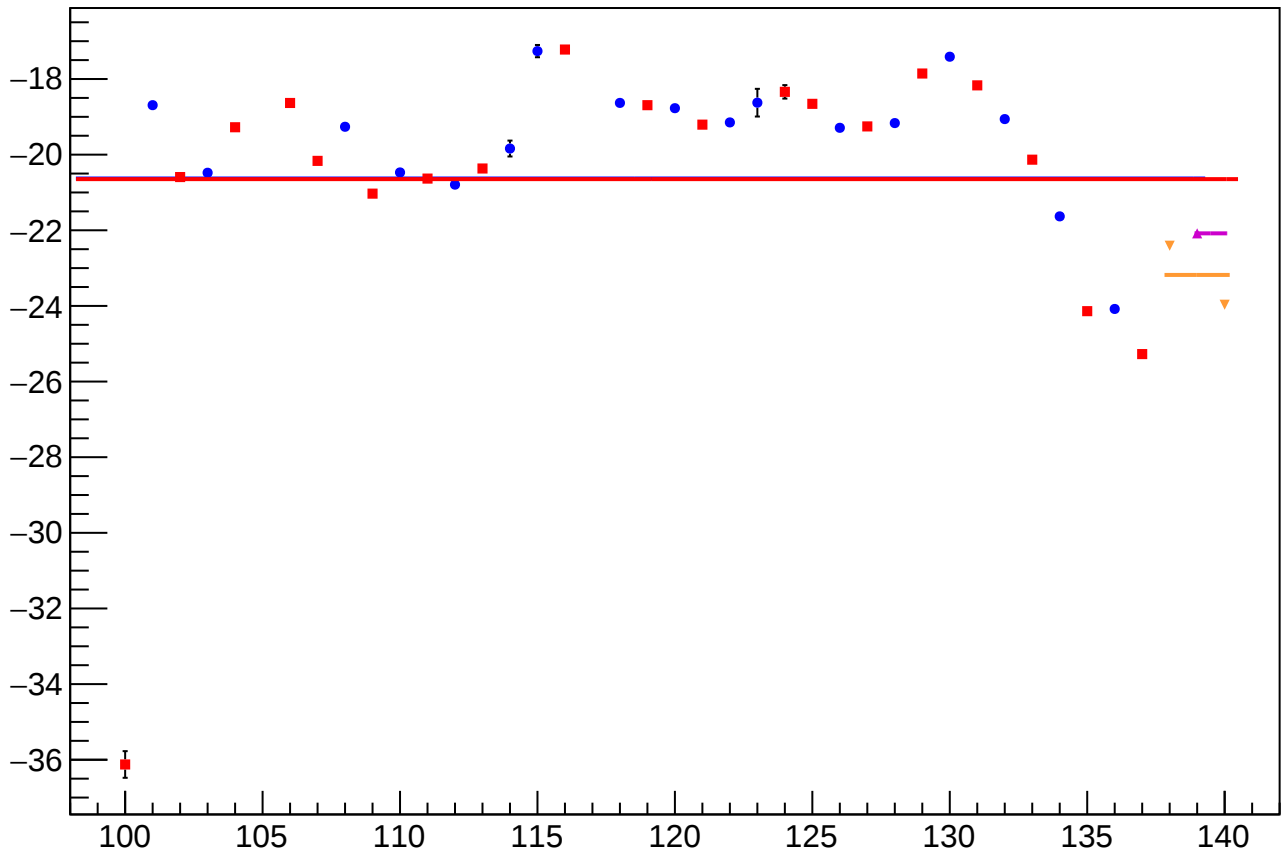
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 5.363 $\pm$ 0.350 χ^2 /NDF:387.2/17

Out: 6.469 $\pm$ 0.328 χ^2 /NDF:694.6/20

All: 5.951 $\pm$ 0.239 χ^2 /NDF: 1087.1/38

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: -23.181+/-0.029 χ^2/NDF : 736.8/1

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -22.081+/-0.037 χ^2/NDF : 0.0/0

Left: -22.763+/-0.023 χ^2/NDF : 1292.3/2

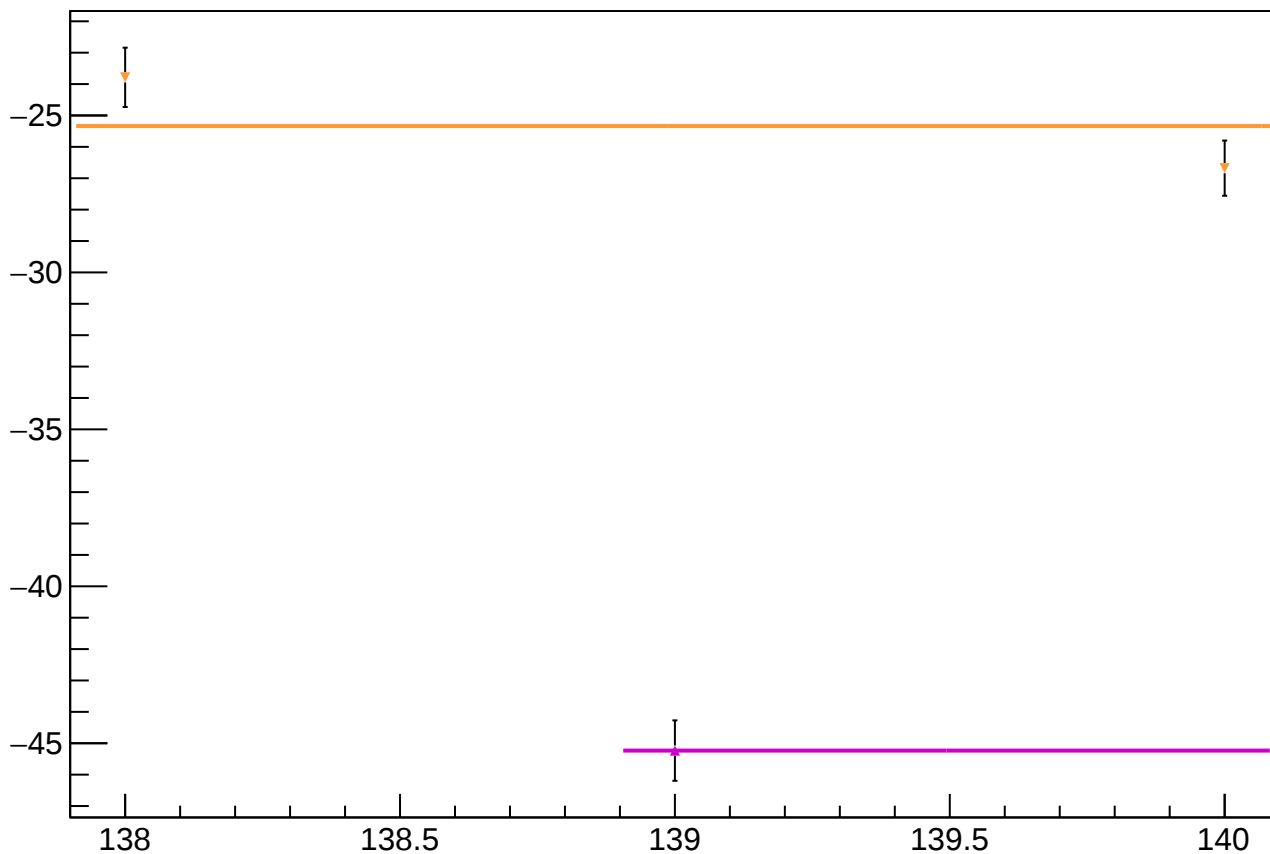
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.945+/-0.017 χ^2/NDF : 13722.7/17

Out: -21.442+/-0.016 χ^2/NDF : 19977.3/20

All: -21.208+/-0.012 χ^2/NDF : 34147.8/38

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: -25.337+/-0.644 χ^2/NDF : 5.0/1

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

Left In: -45.234+/-0.962 χ^2/NDF : 0.0/0

Left: -31.485+/-0.535 χ^2/NDF : 300.3/2

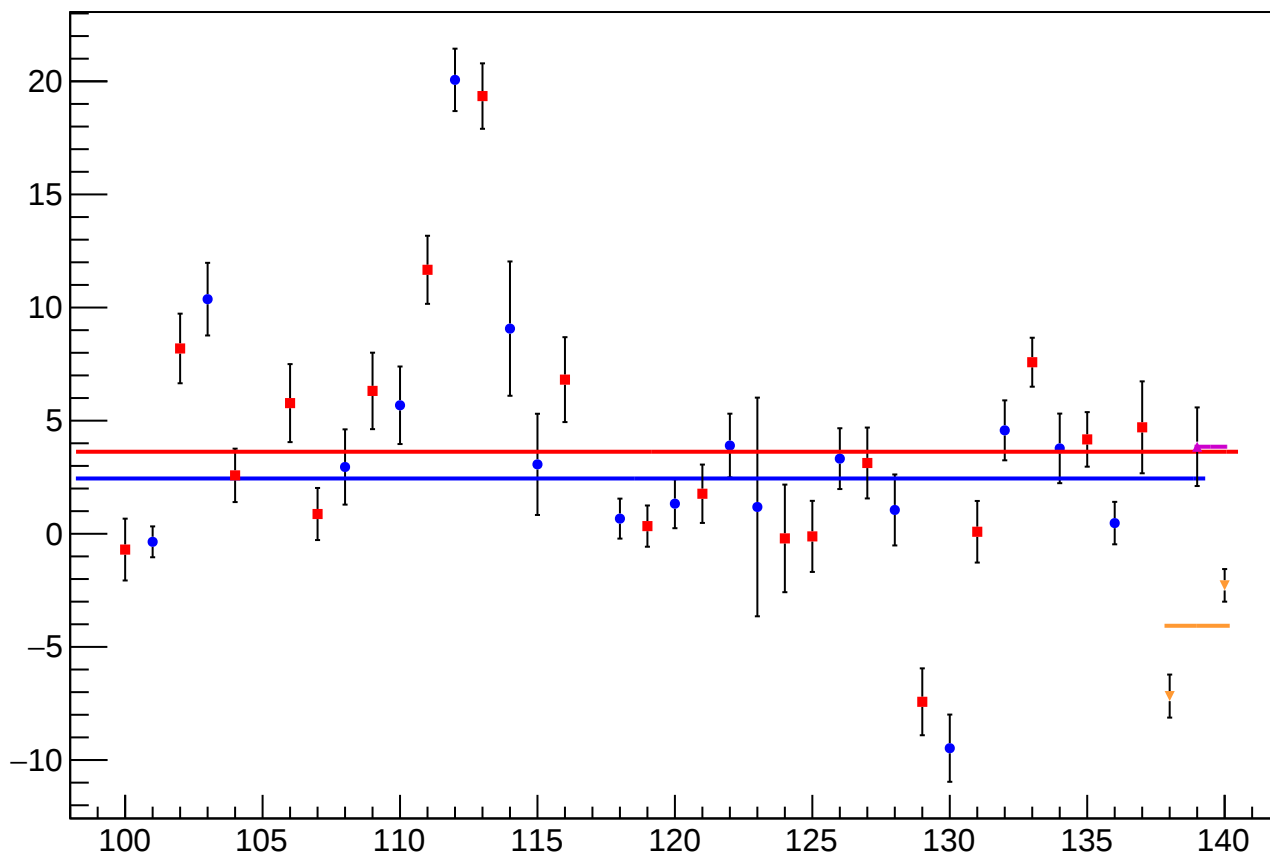
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.234+/-0.962 χ^2/NDF : 0.0/0

Out: -25.337+/-0.644 χ^2/NDF : 5.0/1

All: -31.485+/-0.535 χ^2/NDF : 300.3/2

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: -4.066 $\pm$ 0.575 χ^2 /NDF:16.8/1

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 3.848 $\pm$ 1.737 χ^2 /NDF:0.0/0

Left: -3.286 $\pm$ 0.545 χ^2 /NDF: 35.5/2

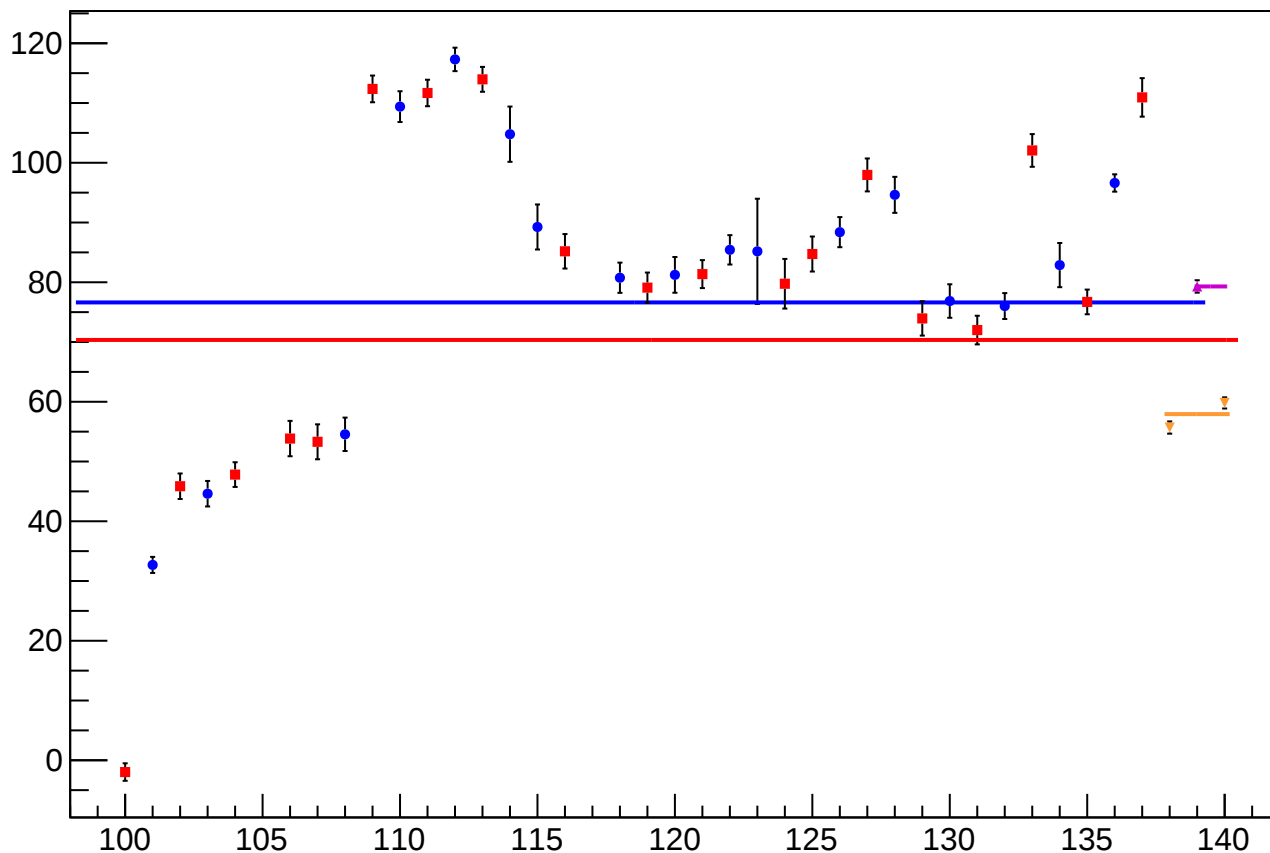
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.488 $\pm$ 0.307 χ^2 /NDF:293.3/17

Out: 1.824 $\pm$ 0.278 χ^2 /NDF:432.9/20

All: 2.123 $\pm$ 0.206 χ^2 /NDF: 728.8/38

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: 57.934 $\pm$ 0.691 χ^2 /NDF: 8.8/1

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 79.300 $\pm$ 1.042 χ^2 /NDF: 0.0/0

Left: 64.462 $\pm$ 0.576 χ^2 /NDF: 300.9/2

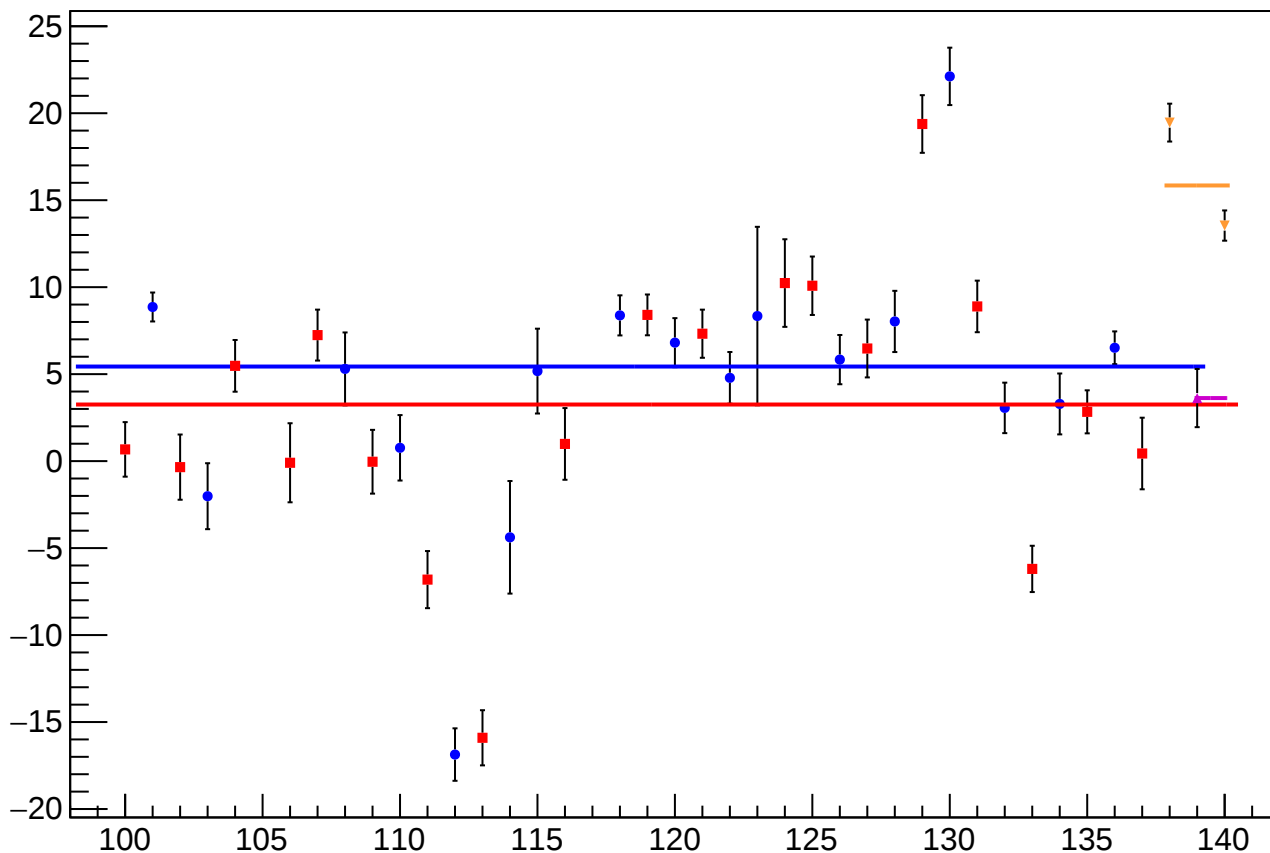
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 77.250 $\pm$ 0.503 χ^2 /NDF: 2267.8/17

Out: 65.537 $\pm$ 0.430 χ^2 /NDF: 4594.6/20

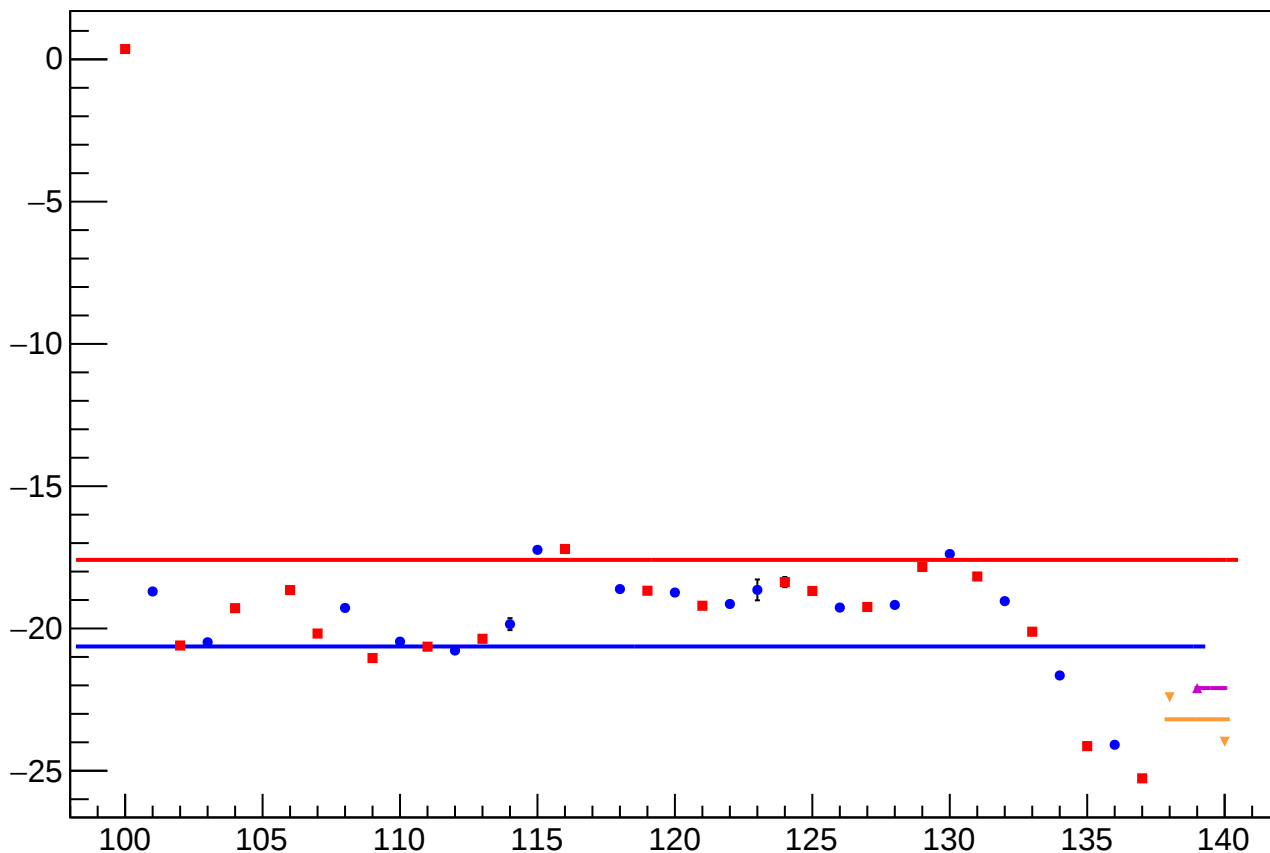
All: 70.484 $\pm$ 0.327 χ^2 /NDF: 7175.6/38

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 14.116 $\pm$ 0.629 χ^2/NDF : 63.9/2
 Right: 4.367 $\pm$ 0.256 χ^2/NDF : 826.5/35
 In: 5.358 $\pm$ 0.350 χ^2/NDF : 385.6/17
 Out: 6.075 $\pm$ 0.322 χ^2/NDF : 708.4/20
 All: 5.747 $\pm$ 0.237 χ^2/NDF : 1096.3/38

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: -23.192 ± 0.029 $\chi^2/\text{NDF}: 736.6/1$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -22.094 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.775 ± 0.023 $\chi^2/\text{NDF}: 1289.9/2$

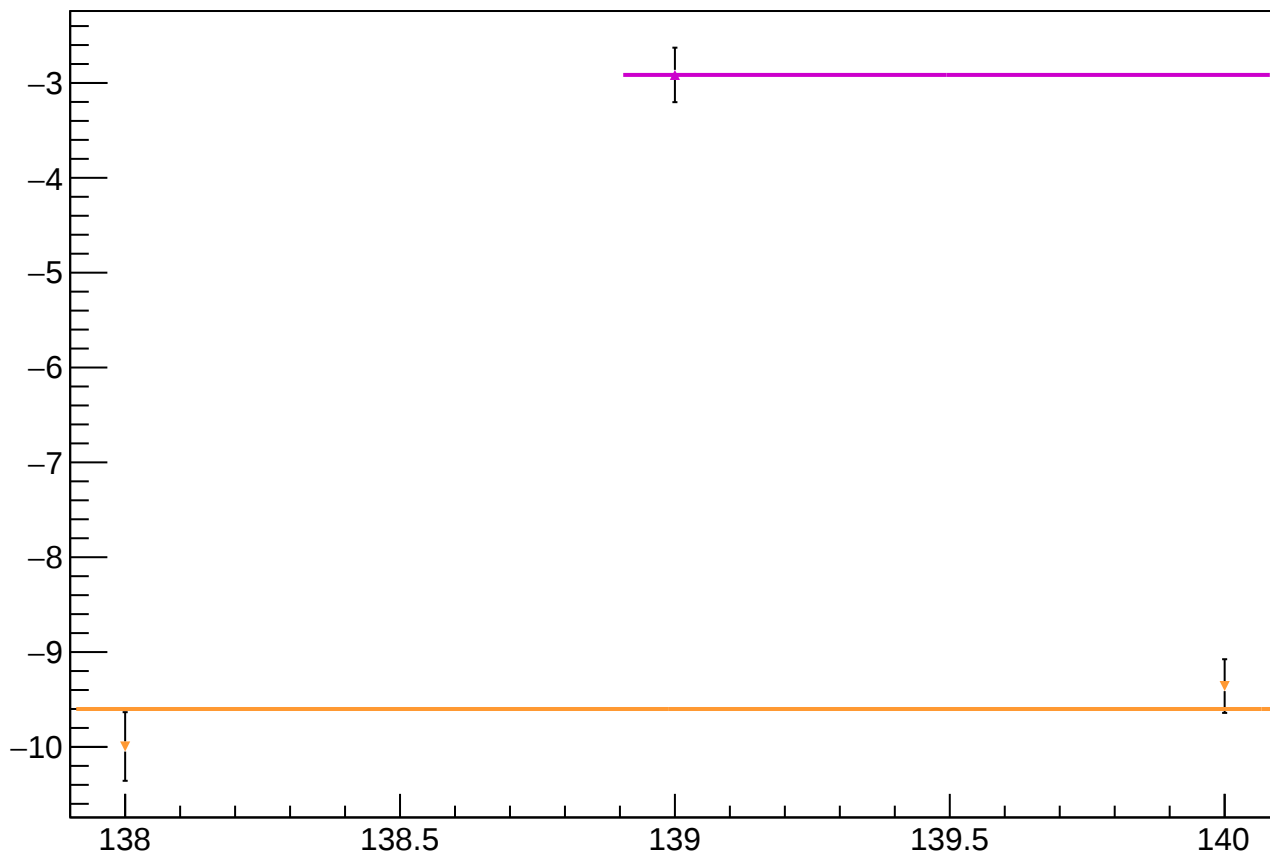
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.948 ± 0.017 $\chi^2/\text{NDF}: 13782.7/17$

Out: -19.167 ± 0.015 $\chi^2/\text{NDF}: 206658.0/20$

All: -19.958 ± 0.011 $\chi^2/\text{NDF}: 226481.5/38$

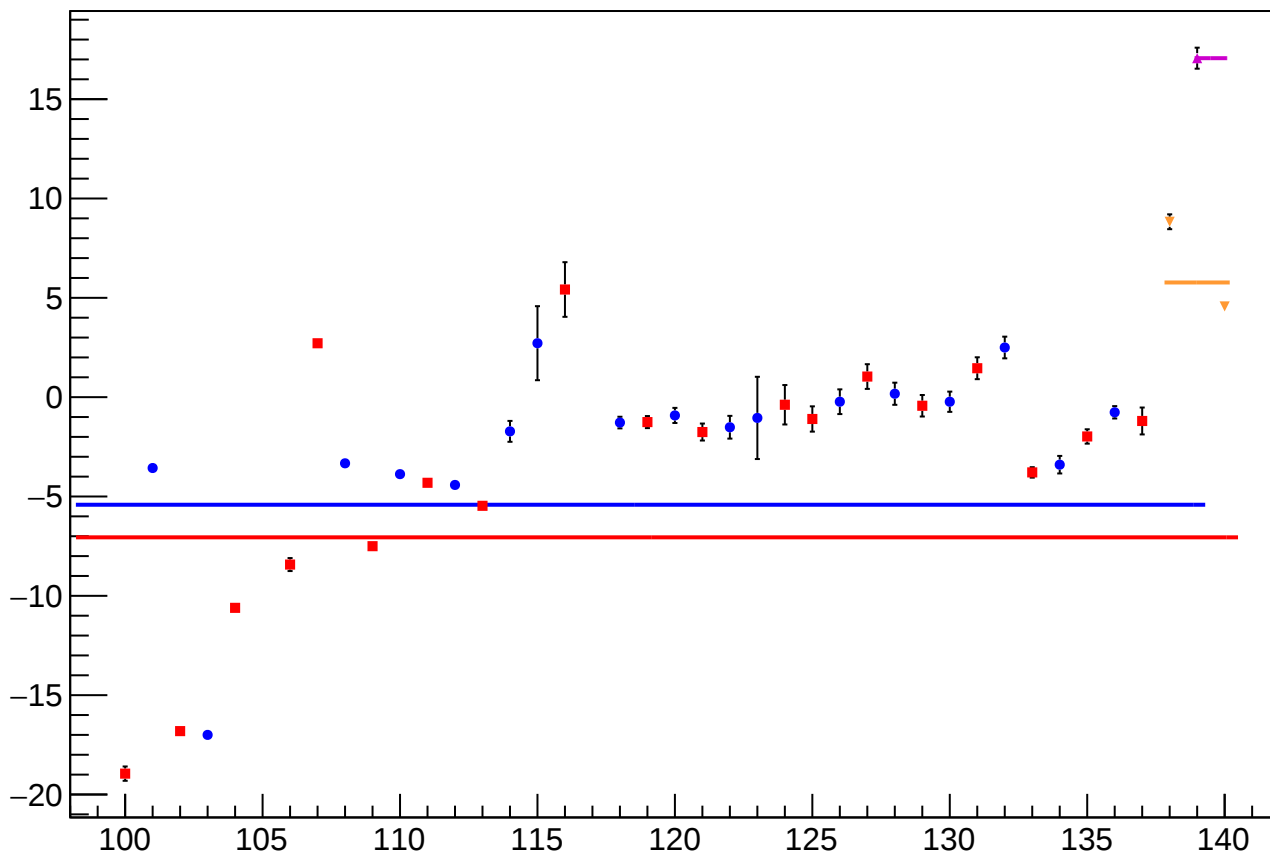
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.600+/-0.223 χ^2/NDF :1.9/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.915+/-0.287 χ^2/NDF :0.0/0

Left: -7.088+/-0.176 χ^2/NDF : 340.0/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.915+/-0.287 χ^2/NDF :0.0/0
 Out: -9.600+/-0.223 χ^2/NDF :1.9/1
 All: -7.088+/-0.176 χ^2/NDF : 340.0/2

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: 5.773 $\pm$ 0.199 χ^2 /NDF:92.9/1

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 17.063 $\pm$ 0.529 χ^2 /NDF:0.0/0

Left: 7.173 $\pm$ 0.186 χ^2 /NDF: 491.7/2

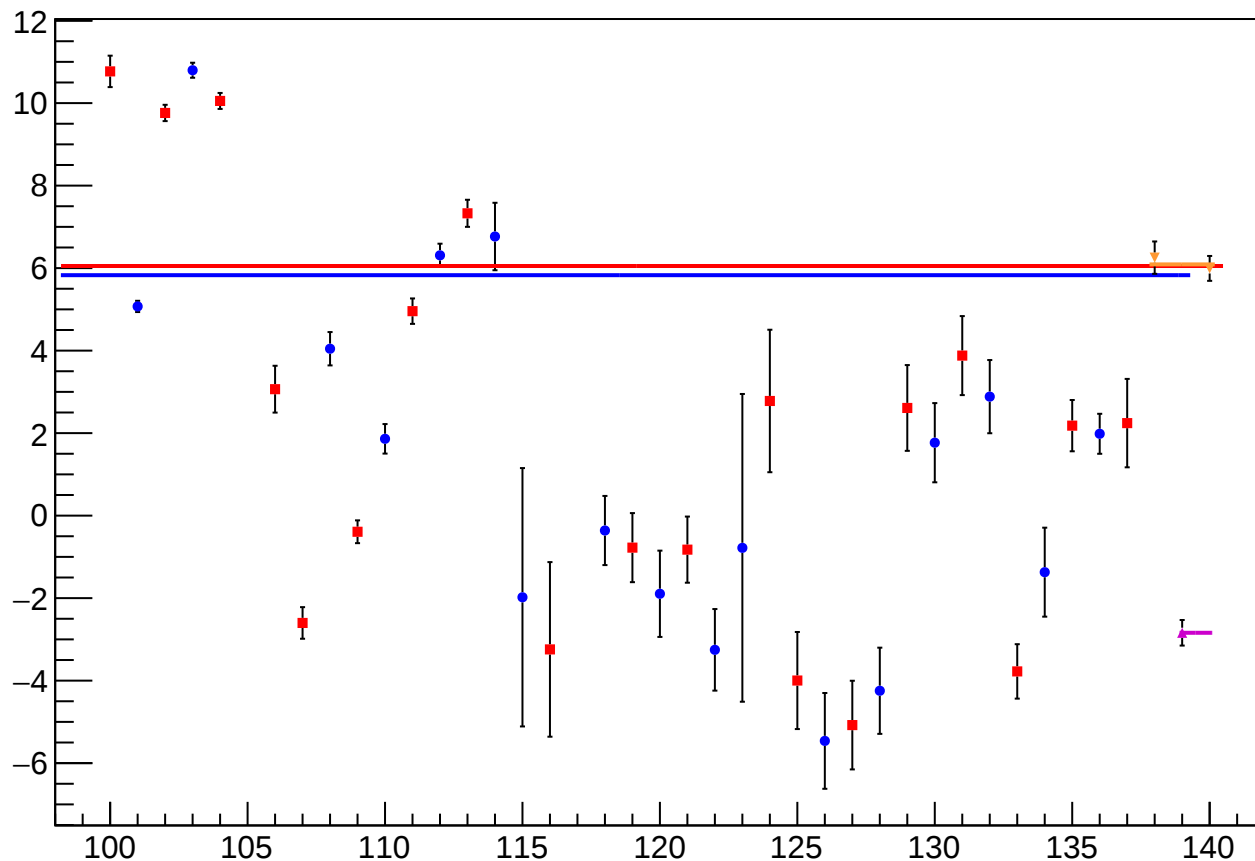
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -5.177 $\pm$ 0.054 χ^2 /NDF:11040.6/17

Out: -6.020 $\pm$ 0.057 χ^2 /NDF:16243.3/20

All: -5.582 $\pm$ 0.039 χ^2 /NDF: 27399.0/38

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829+/-0.090 χ^2/NDF : 1448.3/16

Left Out: 6.090+/-0.239 χ^2/NDF : 0.3/1

Right Out: 6.051+/-0.093 χ^2/NDF : 2674.1/18

Left In: -2.840+/-0.310 χ^2/NDF : 0.0/0

Left: 2.758+/-0.189 χ^2/NDF : 520.9/2

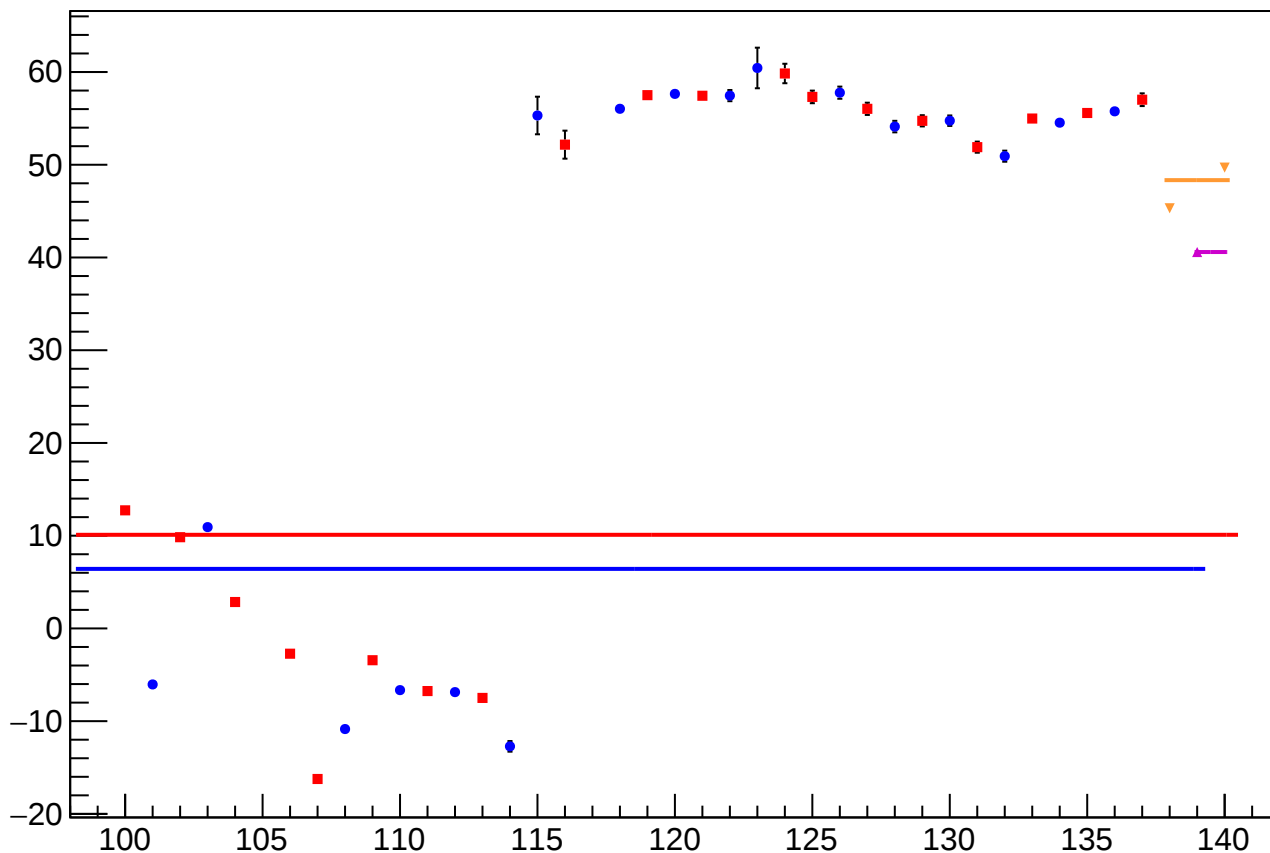
Right: 5.936+/-0.065 χ^2/NDF : 4125.3/35

In: 5.160+/-0.086 χ^2/NDF : 2170.5/17

Out: 6.056+/-0.087 χ^2/NDF : 2674.4/20

All: 5.604+/-0.061 χ^2/NDF : 4898.6/38

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: 48.341 ± 0.236 χ^2/NDF : 73.8/1

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 40.588 ± 0.510 χ^2/NDF : 0.0/0

Left: 46.979 ± 0.214 χ^2/NDF : 264.0/2

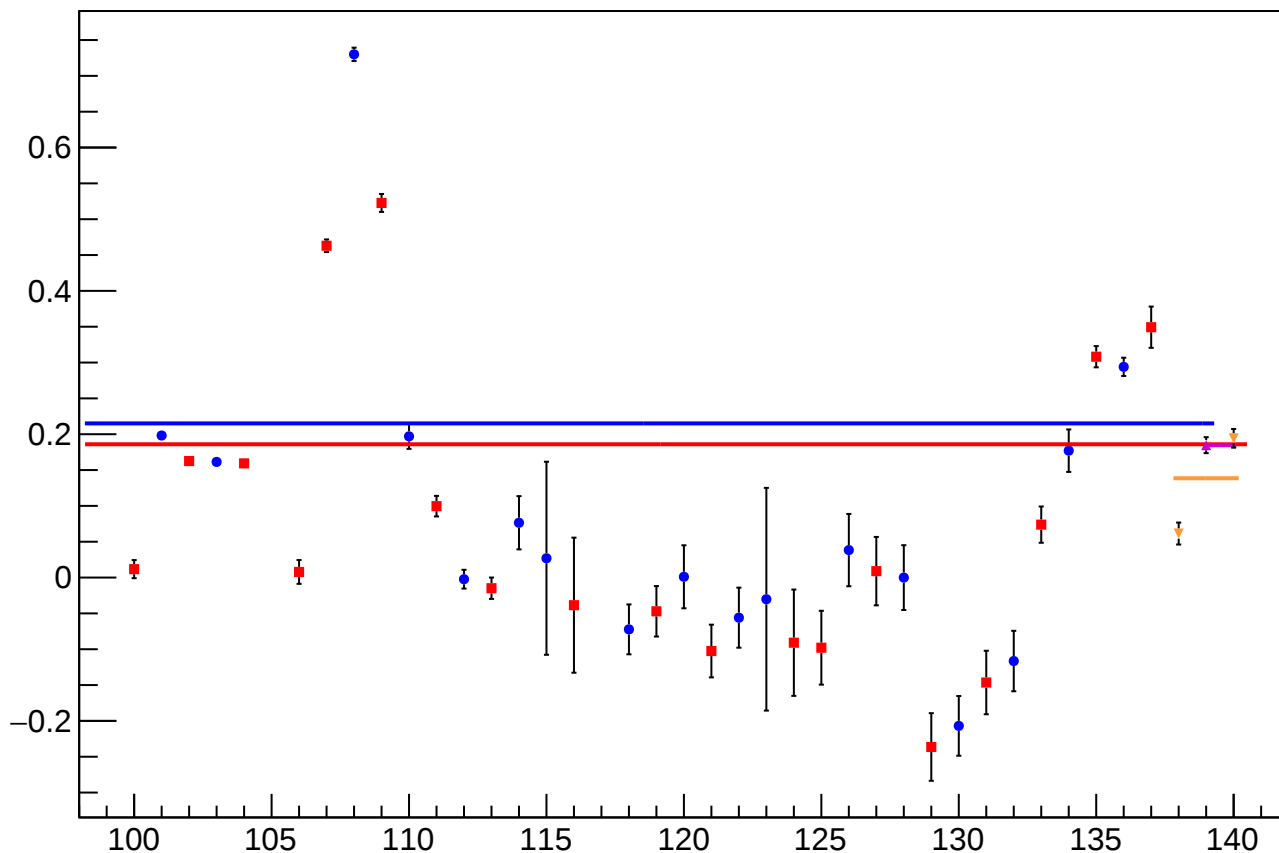
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 6.962 ± 0.064 χ^2/NDF : 127519.6/17

Out: 13.175 ± 0.067 χ^2/NDF : 146428.9/20

All: 9.944 ± 0.046 χ^2/NDF : 278440.9/38

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: 0.139 $\pm$ 0.010 χ^2 /NDF:43.7/1

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.185 $\pm$ 0.011 χ^2 /NDF:0.0/0

Left: 0.159 $\pm$ 0.007 χ^2 /NDF: 53.3/2

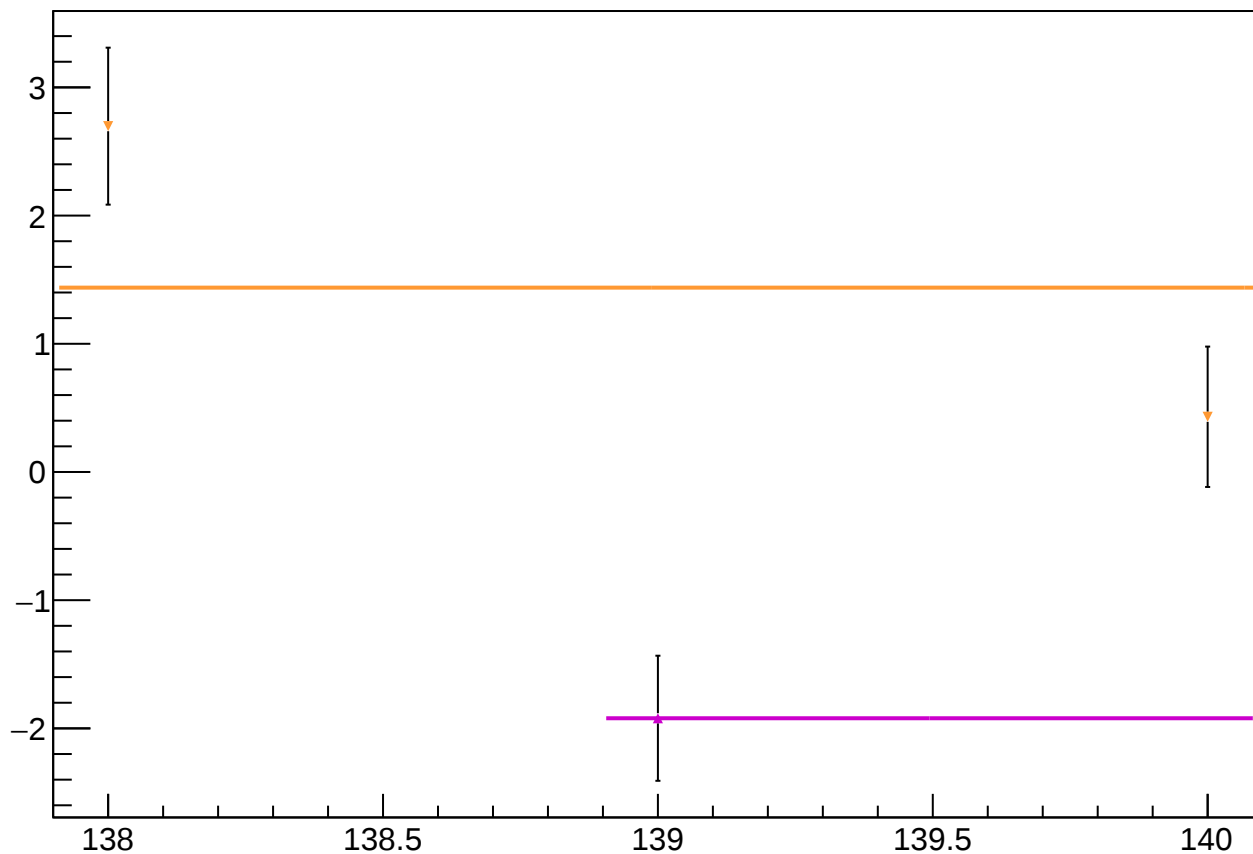
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.213 $\pm$ 0.003 χ^2 /NDF:3934.2/17

Out: 0.183 $\pm$ 0.003 χ^2 /NDF:2784.3/20

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 6785.7/38

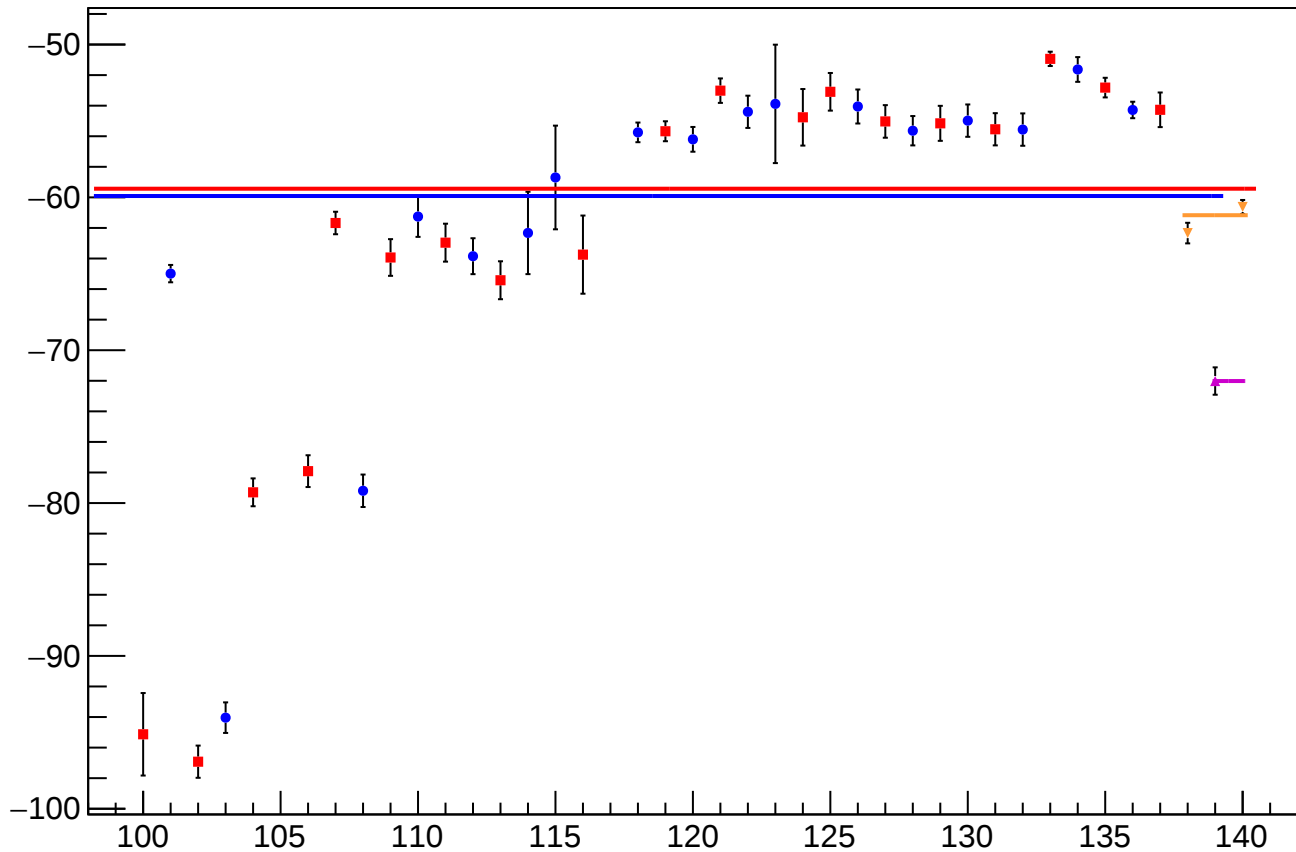
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.438+/-0.408 χ^2/NDF : 7.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.921+/-0.488 χ^2/NDF : 0.0/0

Left: 0.055+/-0.313 χ^2/NDF : 35.5/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.921+/-0.488 χ^2/NDF : 0.0/0
 Out: 1.438+/-0.408 χ^2/NDF : 7.6/1
 All: 0.055+/-0.313 χ^2/NDF : 35.5/2

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -61.167 ± 0.378 χ^2/NDF : 4.4/1

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -72.017 ± 0.895 χ^2/NDF : 0.0/0

Left: -62.811 ± 0.348 χ^2/NDF : 129.1/2

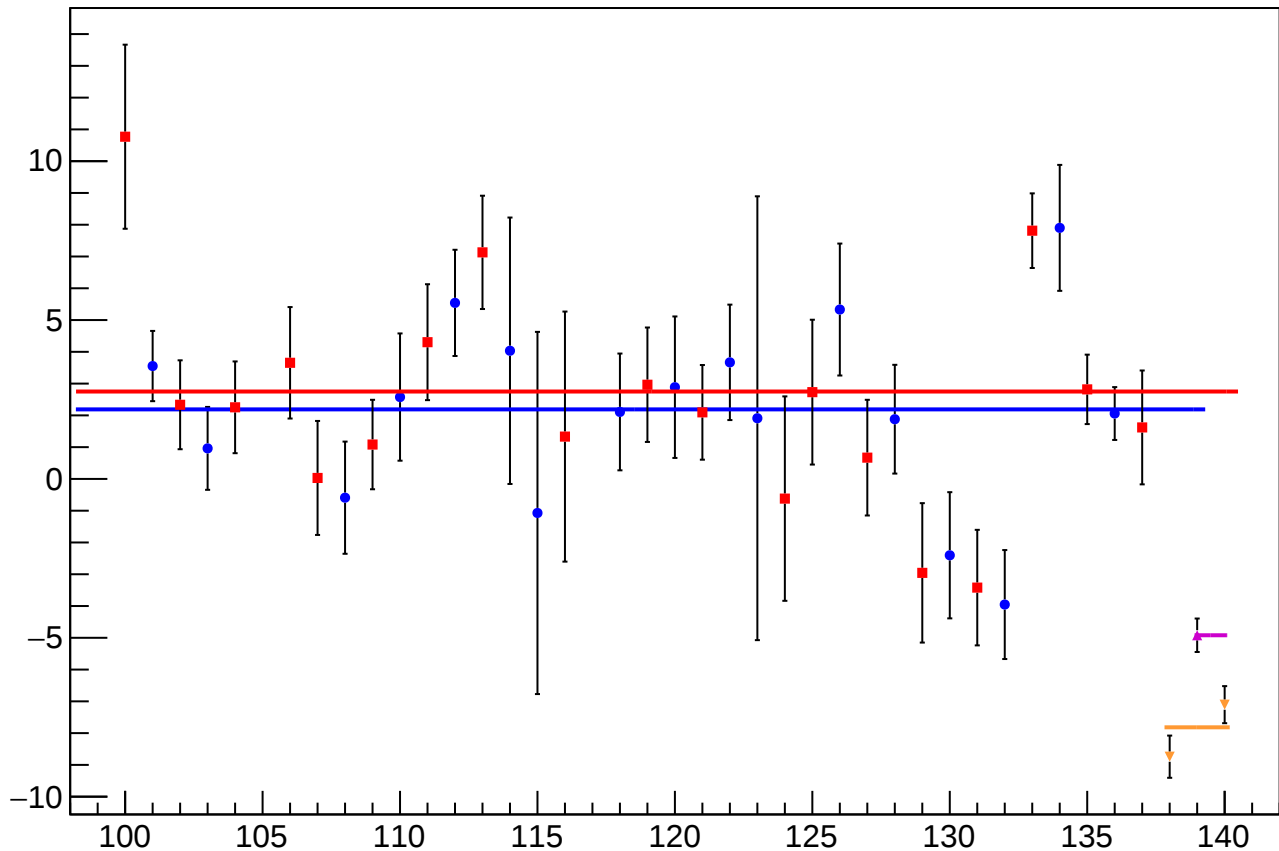
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -60.620 ± 0.217 χ^2/NDF : 2153.0/17

Out: -59.846 ± 0.185 χ^2/NDF : 2939.3/20

All: -60.172 ± 0.141 χ^2/NDF : 5099.7/38

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: -7.817 ± 0.438 $\chi^2/\text{NDF}: 3.4/1$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -4.920 ± 0.527 $\chi^2/\text{NDF}: 0.0/0$

Left: -6.631 ± 0.337 $\chi^2/\text{NDF}: 21.3/2$

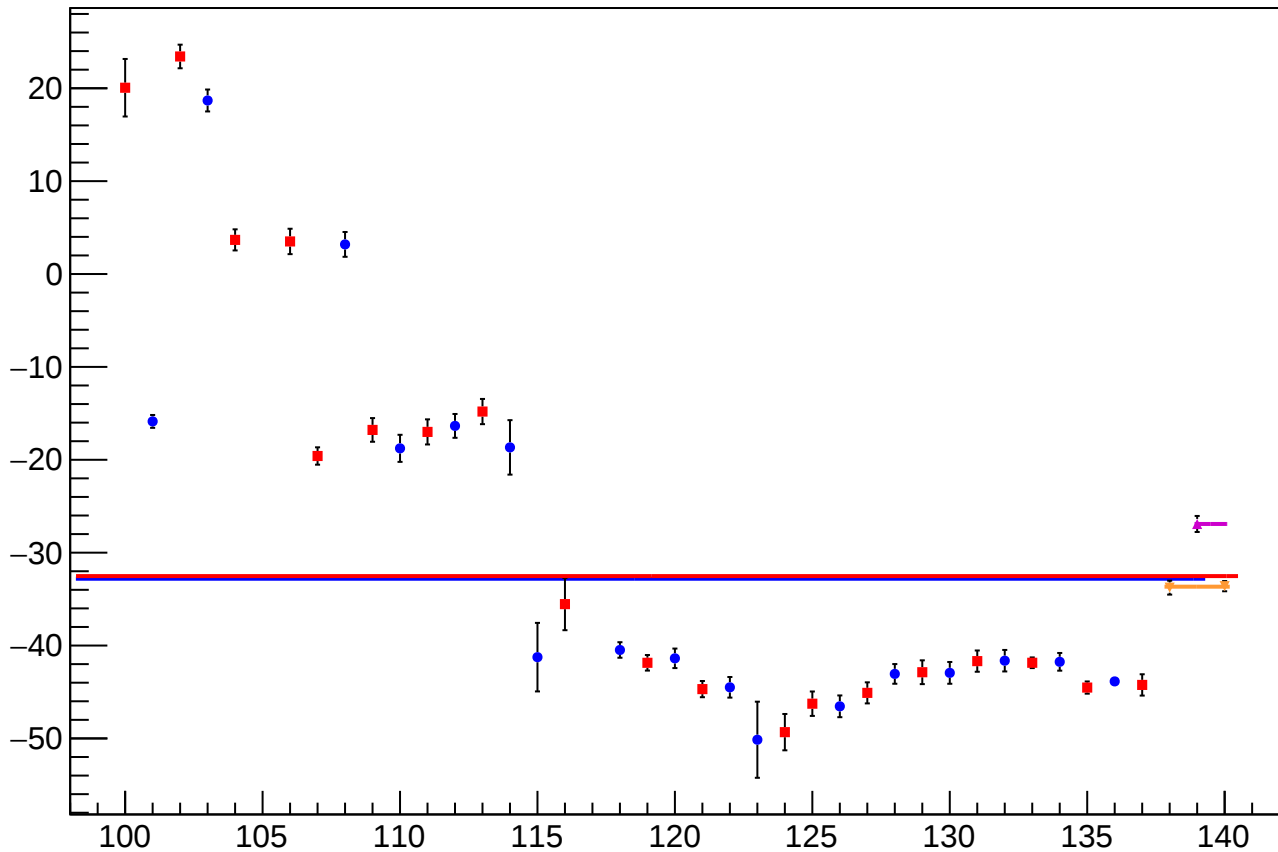
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -0.450 ± 0.321 $\chi^2/\text{NDF}: 153.7/17$

Out: -1.883 ± 0.290 $\chi^2/\text{NDF}: 388.4/20$

All: -1.238 ± 0.215 $\chi^2/\text{NDF}: 553.0/38$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -33.662 ± 0.443 χ^2/NDF : 0.0/1

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

Left In: -26.910 ± 0.863 χ^2/NDF : 0.0/0

Left: -32.252 ± 0.394 χ^2/NDF : 48.4/2

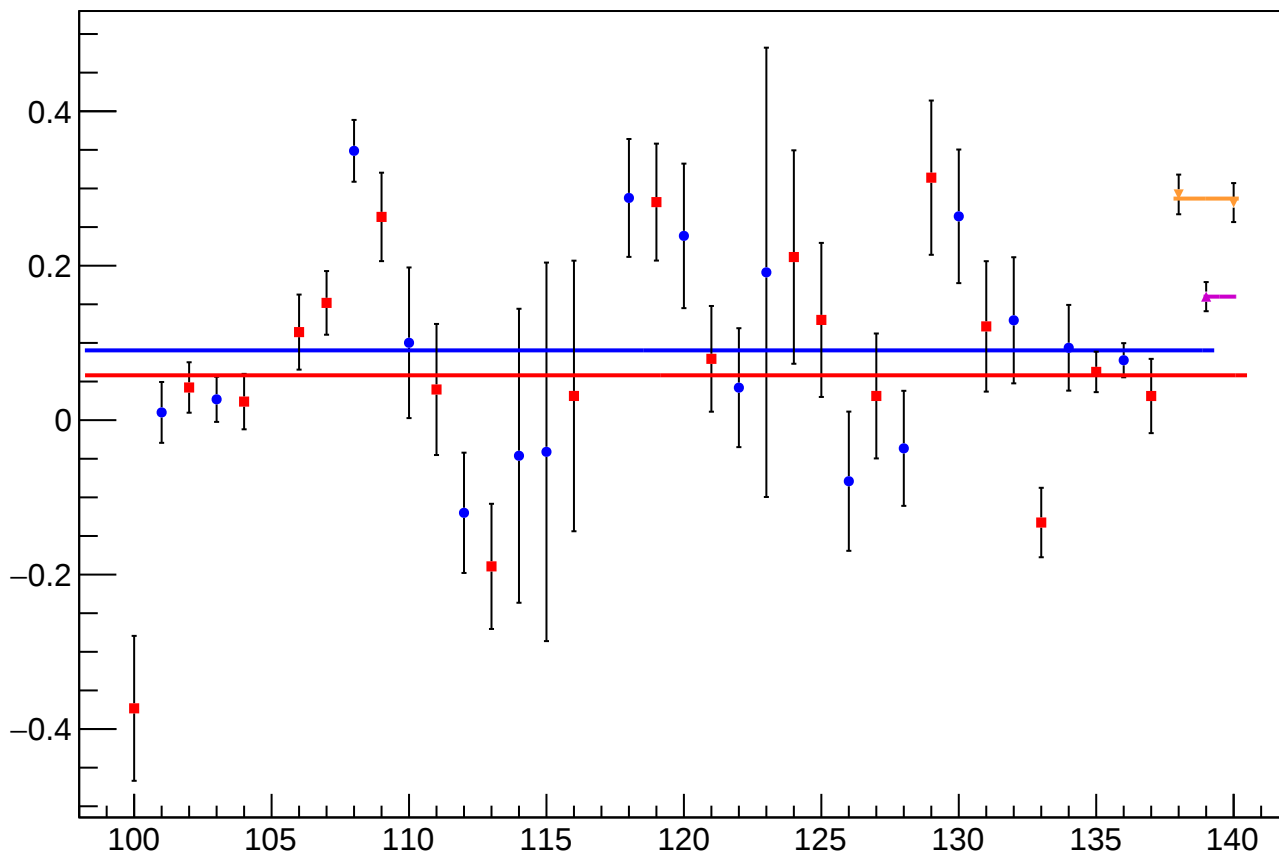
Right: -32.658 ± 0.176 χ^2/NDF : 10703.7/35

In: -32.335 ± 0.244 χ^2/NDF : 4705.7/17

Out: -32.787 ± 0.214 χ^2/NDF : 6045.3/20

All: -32.591 ± 0.161 χ^2/NDF : 10753.0/38

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.287 $\pm$ 0.018 χ^2 /NDF: 0.1/1

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.160 $\pm$ 0.019 χ^2 /NDF: 0.0/0

Left: 0.226 $\pm$ 0.013 χ^2 /NDF: 23.8/2

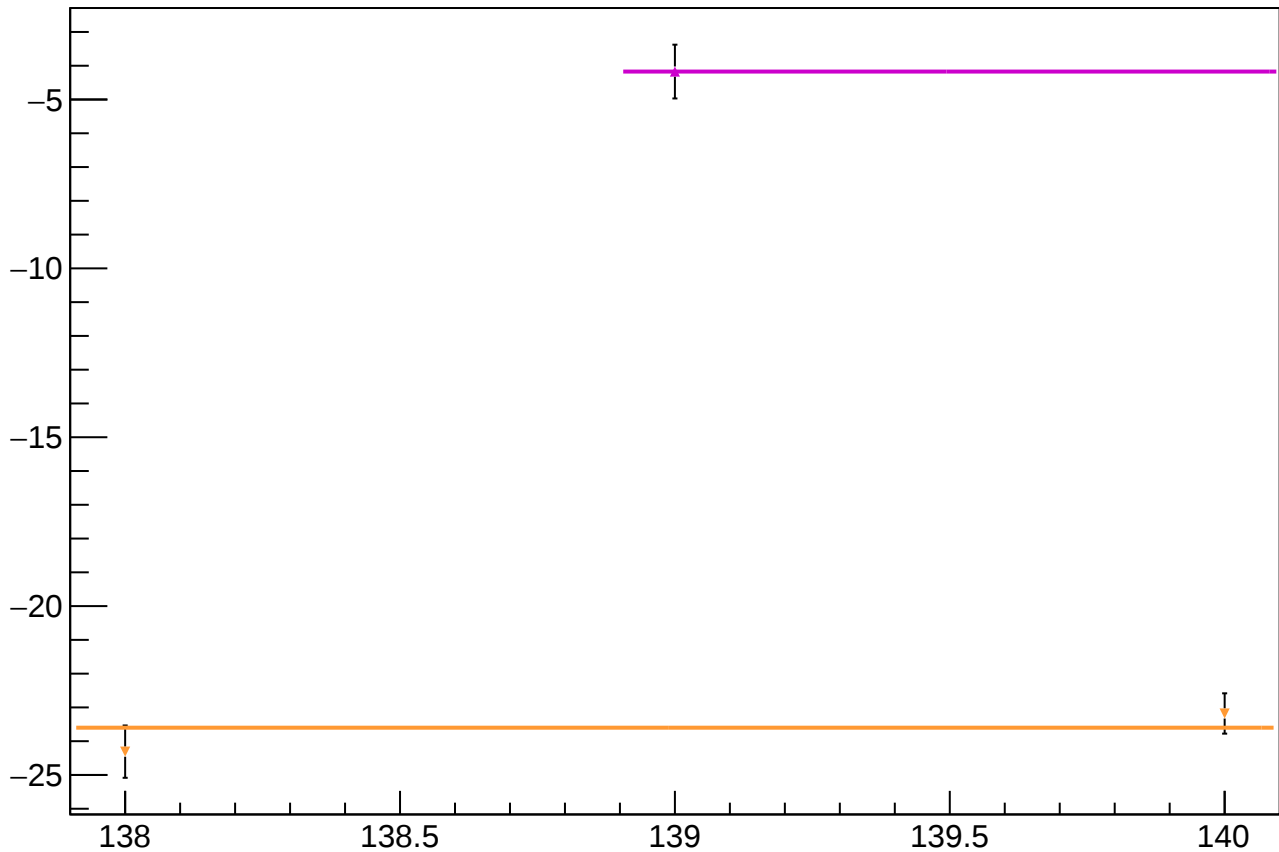
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.112 $\pm$ 0.011 χ^2 /NDF: 88.7/17

Out: 0.130 $\pm$ 0.010 χ^2 /NDF: 198.3/20

All: 0.121 $\pm$ 0.007 χ^2 /NDF: 288.5/38

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: -23.600±/-0.473 χ^2/NDF :1.3/1

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

Left In: -4.173±/-0.796 χ^2/NDF :0.0/0

Left: -18.537±/-0.407 χ^2/NDF : 441.4/2

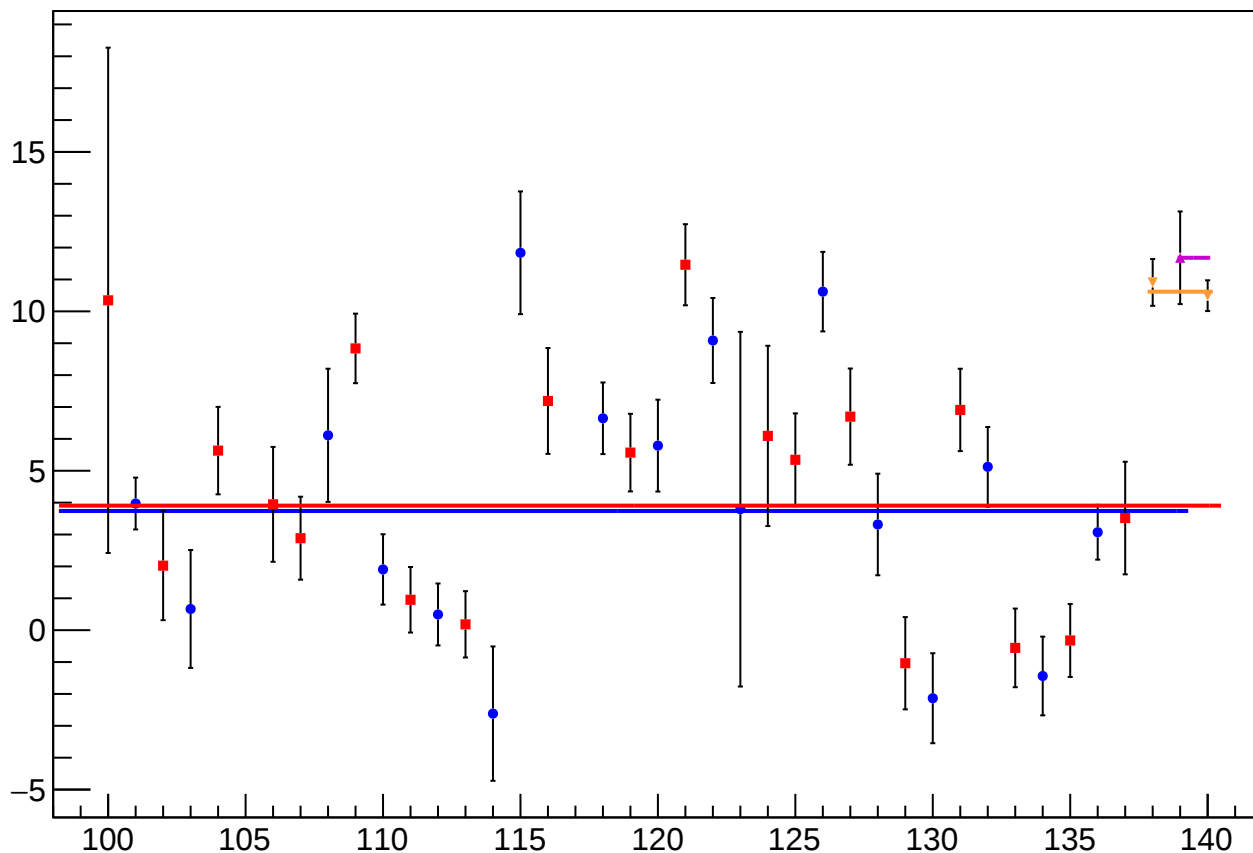
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -4.173±/-0.796 χ^2/NDF :0.0/0

Out: -23.600±/-0.473 χ^2/NDF :1.3/1

All: -18.537±/-0.407 χ^2/NDF : 441.4/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 10.617 $\pm$ 0.403 χ^2 /NDF:0.2/1

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 11.680 $\pm$ 1.453 χ^2 /NDF:0.0/0

Left: 10.693 $\pm$ 0.389 χ^2 /NDF: 0.7/2

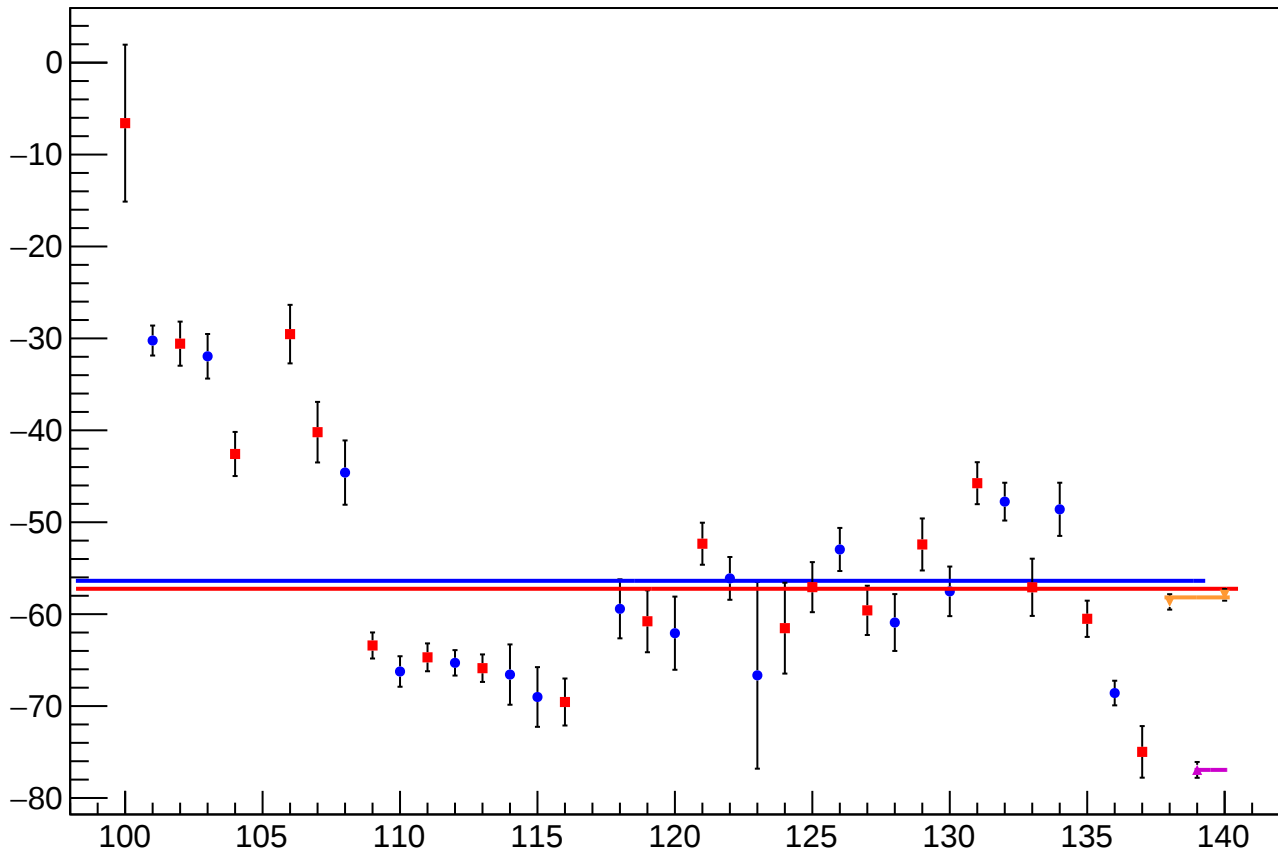
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 4.082 $\pm$ 0.302 χ^2 /NDF:165.4/17

Out: 6.460 $\pm$ 0.249 χ^2 /NDF:307.3/20

All: 5.500 $\pm$ 0.192 χ^2 /NDF: 509.6/38

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: -58.177 ± 0.507 χ^2/NDF : 0.5/1

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -76.942 ± 0.861 χ^2/NDF : 0.0/0

Left: -63.006 ± 0.437 χ^2/NDF : 353.6/2

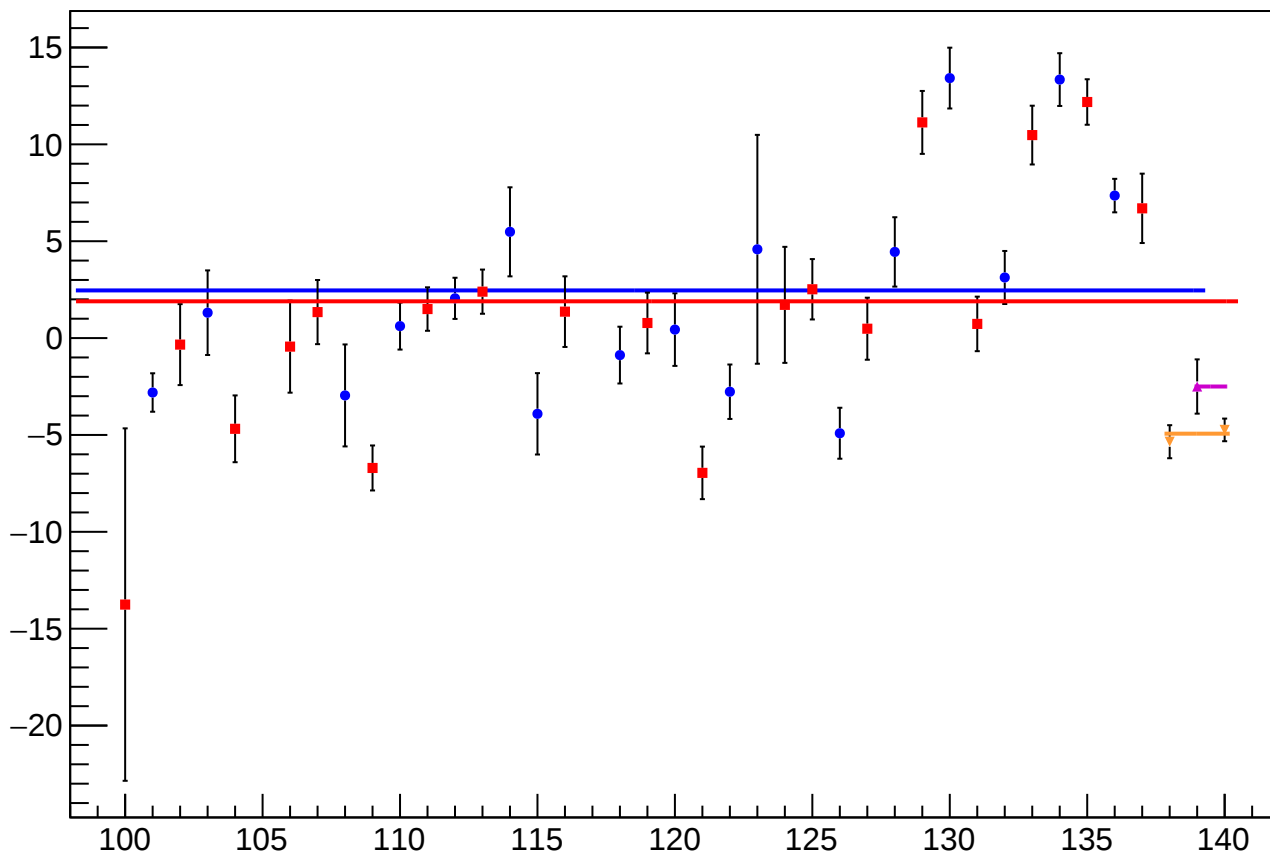
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -62.229 ± 0.459 χ^2/NDF : 996.2/17

Out: -57.735 ± 0.368 χ^2/NDF : 478.5/20

All: -59.493 ± 0.287 χ^2/NDF : 1533.0/38

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: -4.934 ± 0.482 χ^2/NDF : 0.3/1

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: -2.500 ± 1.401 χ^2/NDF : 0.0/0

Left: -4.676 ± 0.456 χ^2/NDF : 3.0/2

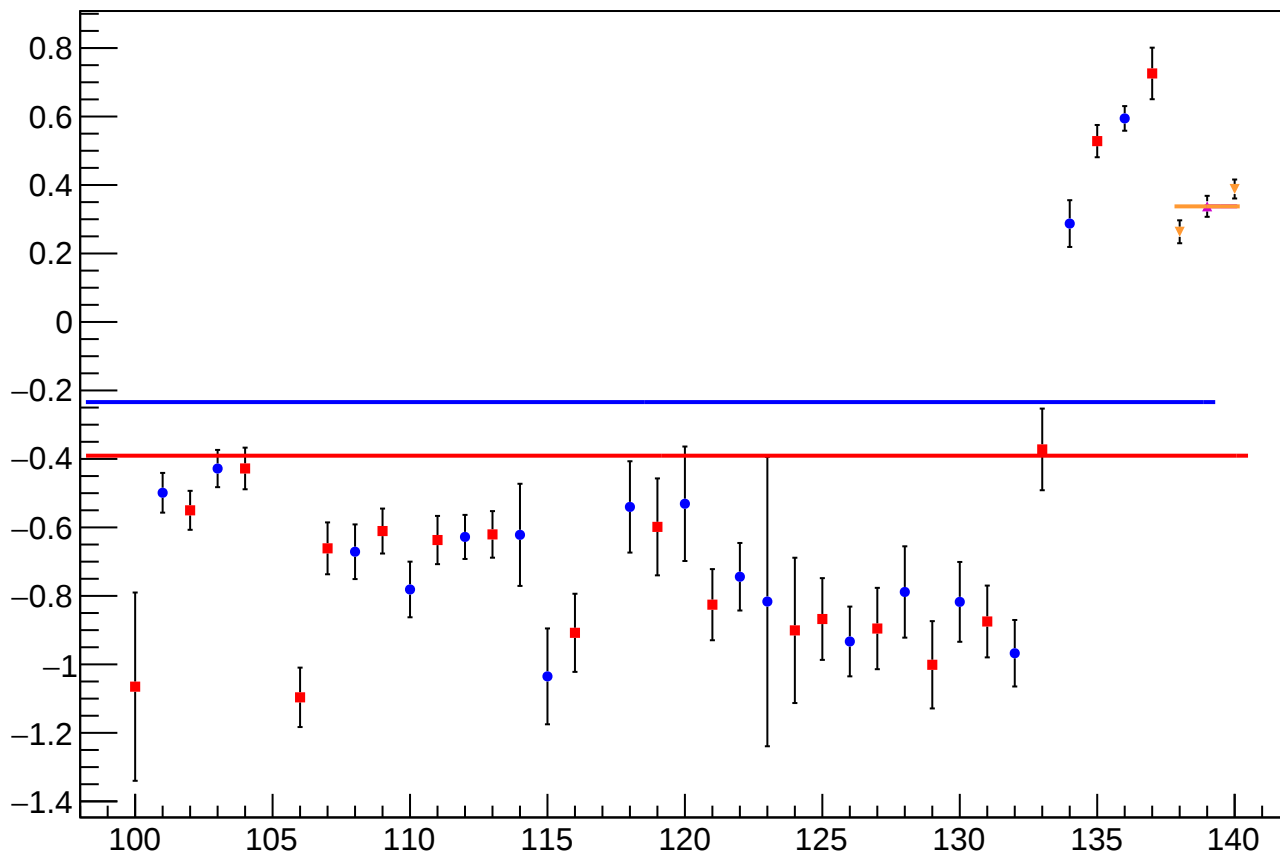
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 2.174 ± 0.336 χ^2/NDF : 255.8/17

Out: -0.503 ± 0.286 χ^2/NDF : 398.8/20

All: 0.620 ± 0.218 χ^2/NDF : 691.4/38

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: 0.338 ± 0.021 χ^2/NDF : 8.3/1

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.338 ± 0.031 χ^2/NDF : 0.0/0

Left: 0.338 ± 0.018 χ^2/NDF : 8.3/2

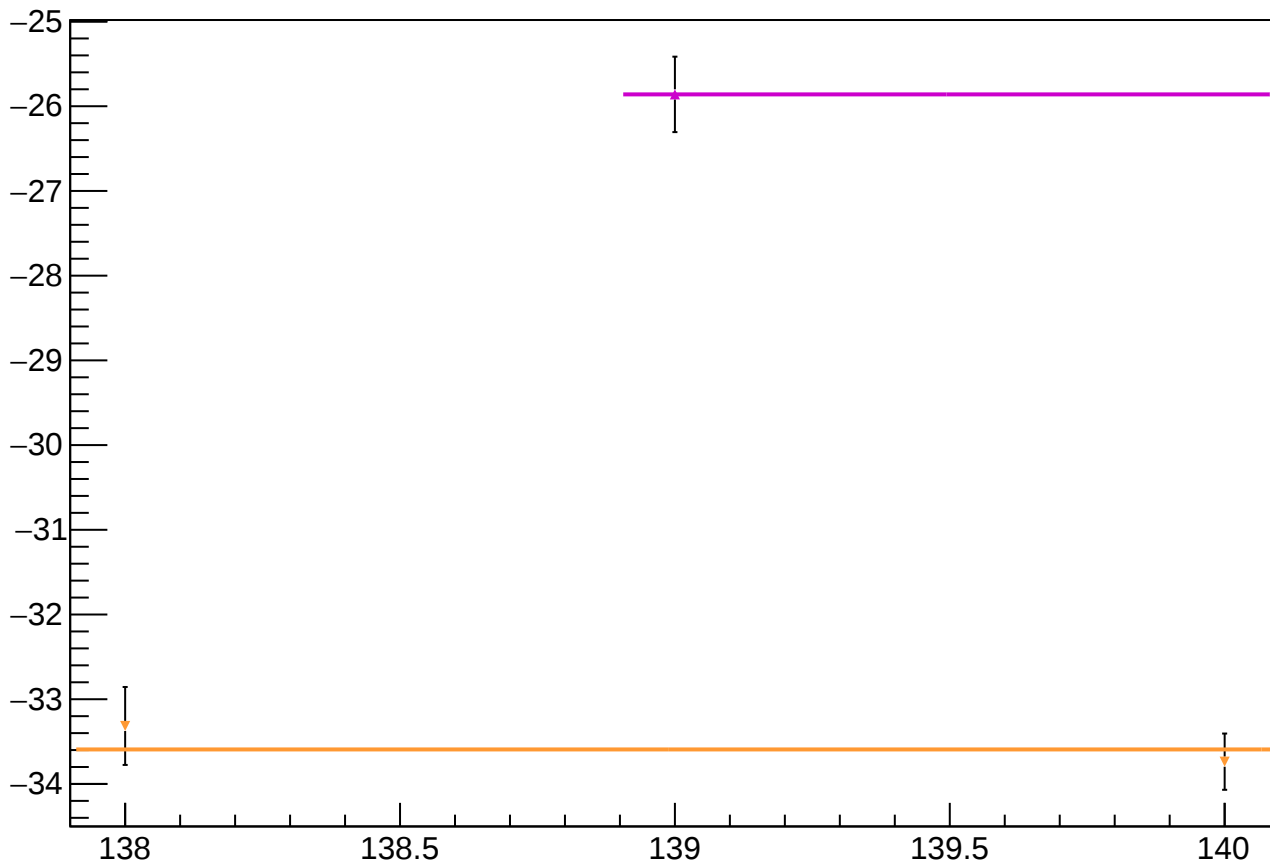
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: -0.076 ± 0.016 χ^2/NDF : 1210.6/17

Out: -0.069 ± 0.014 χ^2/NDF : 1511.7/20

All: -0.072 ± 0.011 χ^2/NDF : 2722.4/38

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: -33.593+/-0.269 χ^2/NDF : 0.6/1

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

Left In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Left: -31.522+/-0.230 χ^2/NDF : 221.4/2

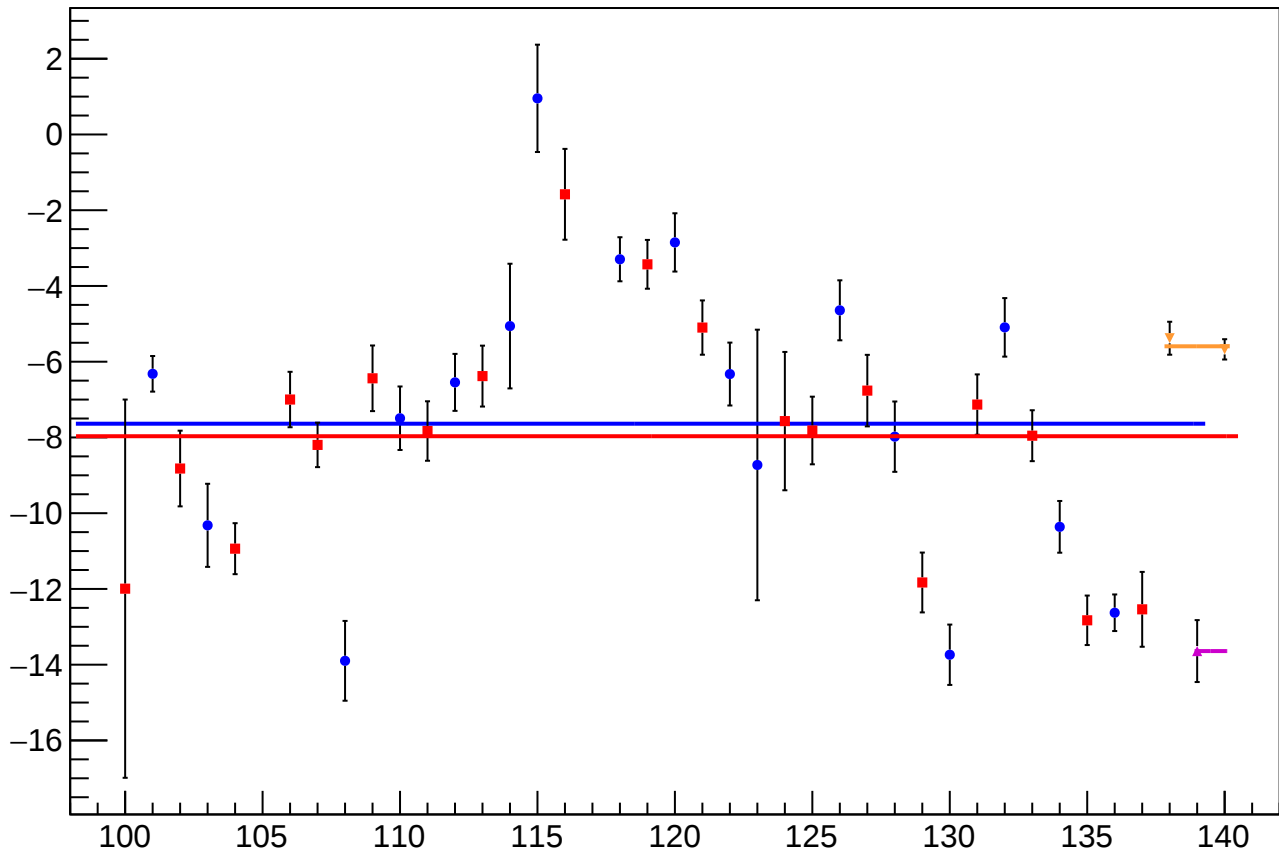
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

All: -31.522+/-0.230 χ^2/NDF : 221.4/2

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: -5.593 ± 0.228 χ^2/NDF : 0.3/1

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -13.641 ± 0.818 χ^2/NDF : 0.0/0

Left: -6.175 ± 0.220 χ^2/NDF : 90.2/2

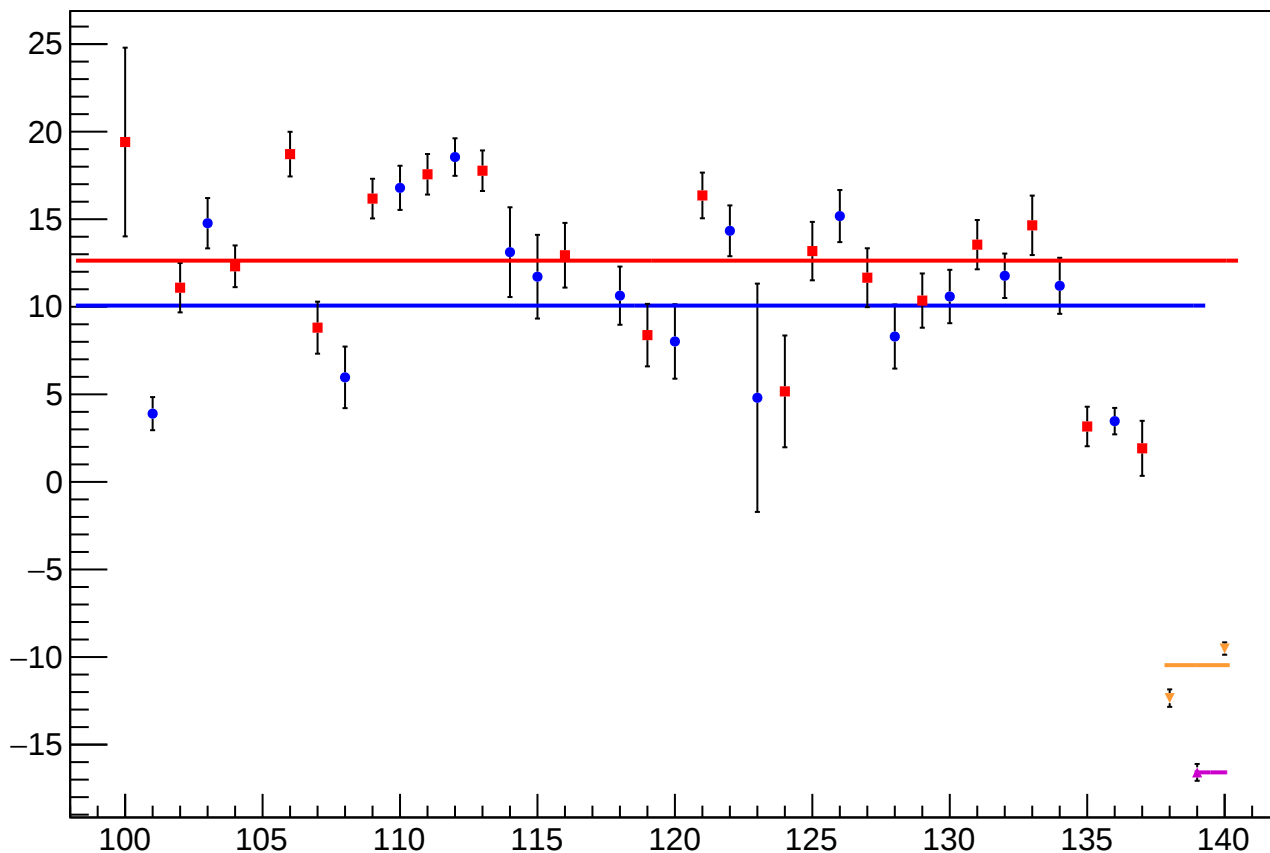
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.932 ± 0.181 χ^2/NDF : 445.3/17

Out: -7.022 ± 0.144 χ^2/NDF : 292.6/20

All: -7.374 ± 0.113 χ^2/NDF : 753.3/38

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -10.463 ± 0.288 χ^2/NDF : 21.5/1

Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18

Left In: -16.586 ± 0.481 χ^2/NDF : 0.0/0

Left: -12.083 ± 0.247 χ^2/NDF : 140.8/2

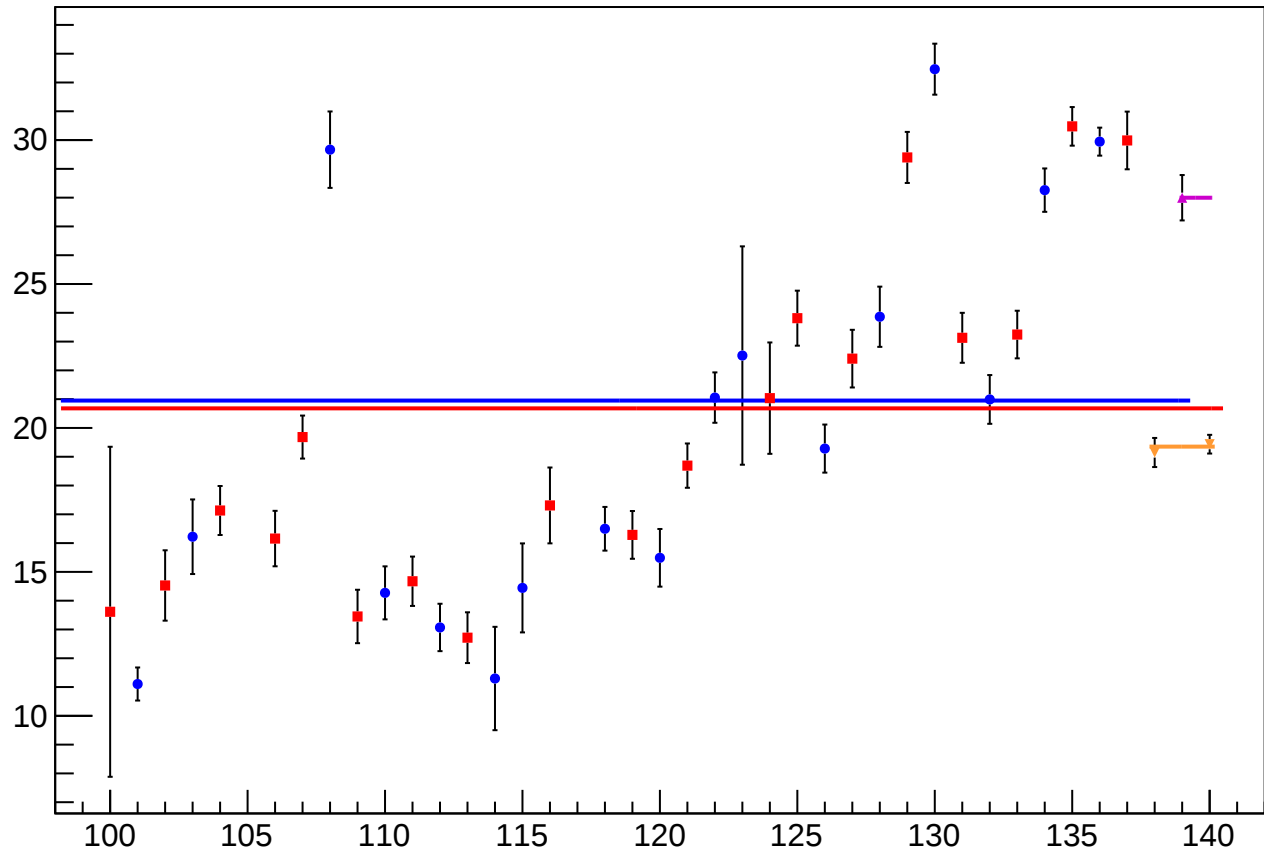
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: 1.269 ± 0.276 χ^2/NDF : 2313.6/17

Out: -0.548 ± 0.218 χ^2/NDF : 2996.7/20

All: 0.149 ± 0.171 χ^2/NDF : 5336.9/38

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: 19.352 $\pm$ 0.273 χ^2 /NDF: 0.2/1

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 27.997 $\pm$ 0.788 χ^2 /NDF: 0.0/0

Left: 20.279 $\pm$ 0.258 χ^2 /NDF: 107.6/2

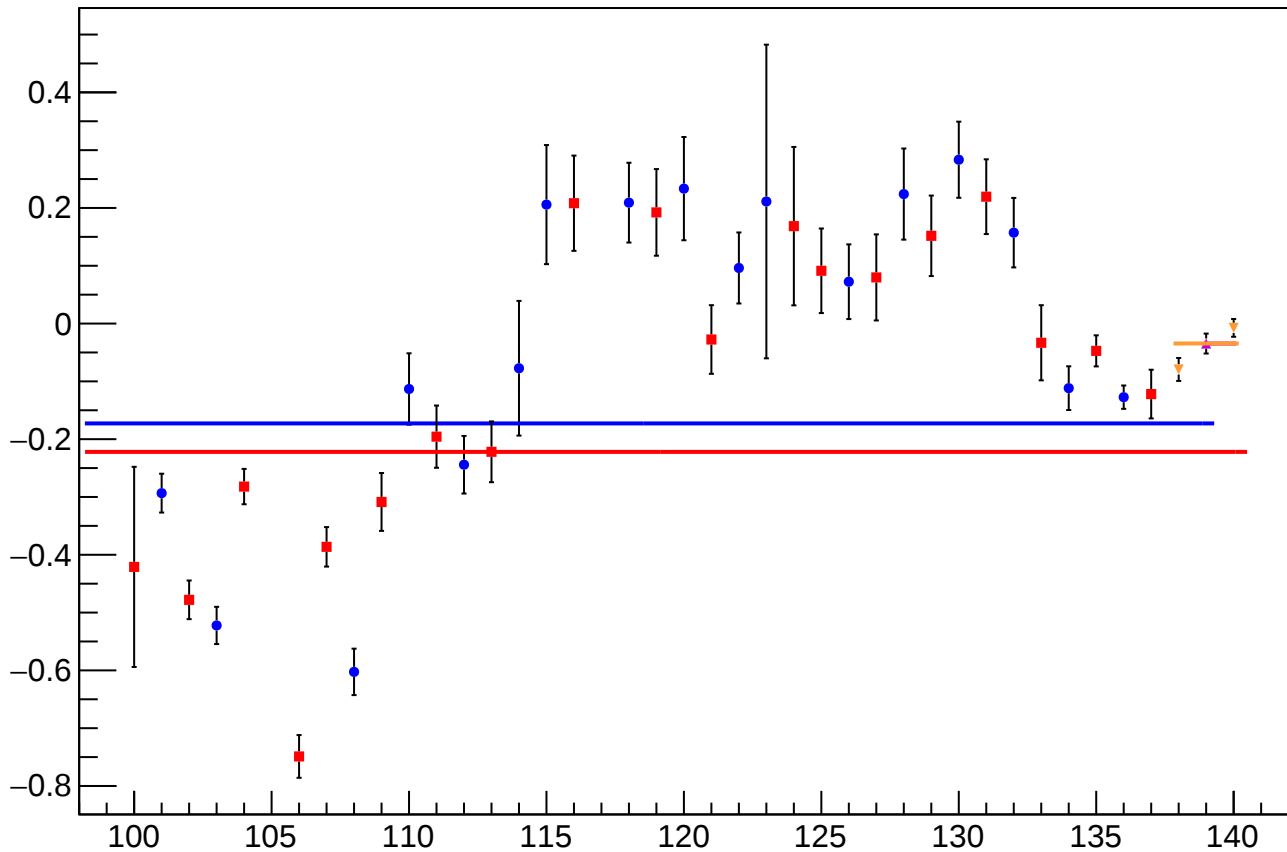
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.418 $\pm$ 0.203 χ^2 /NDF: 1297.4/17

Out: 20.179 $\pm$ 0.168 χ^2 /NDF: 743.4/20

All: 20.682 $\pm$ 0.129 χ^2 /NDF: 2062.9/38

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: -0.034 ± 0.012 χ^2/NDF : 8.2/1

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.035 ± 0.017 χ^2/NDF : 0.0/0

Left: -0.034 ± 0.010 χ^2/NDF : 8.2/2

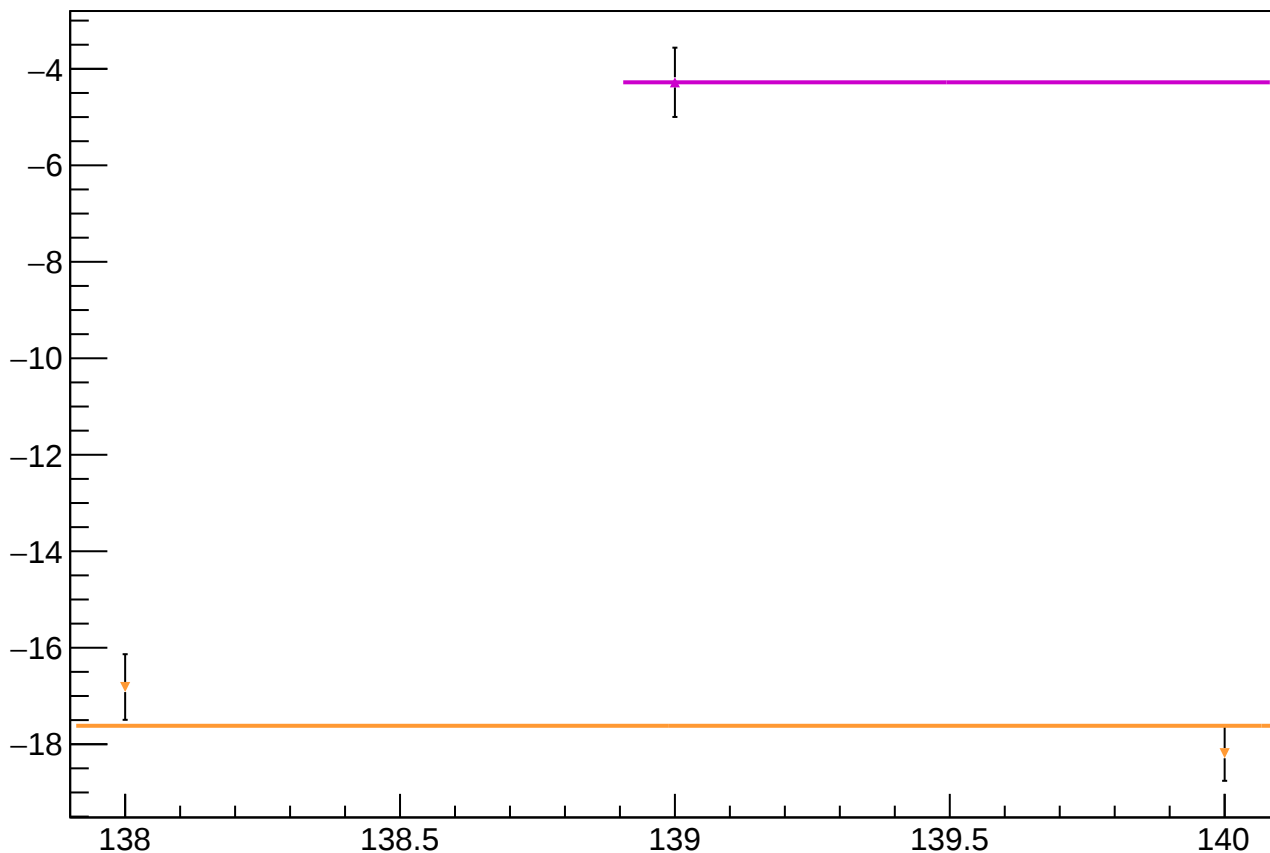
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.132 ± 0.009 χ^2/NDF : 505.5/17

Out: -0.138 ± 0.008 χ^2/NDF : 676.0/20

All: -0.135 ± 0.006 χ^2/NDF : 1181.8/38

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: -17.618+/-0.438 χ^2/NDF : 2.4/1

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

Left In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Left: -14.004+/-0.374 χ^2/NDF : 253.9/2

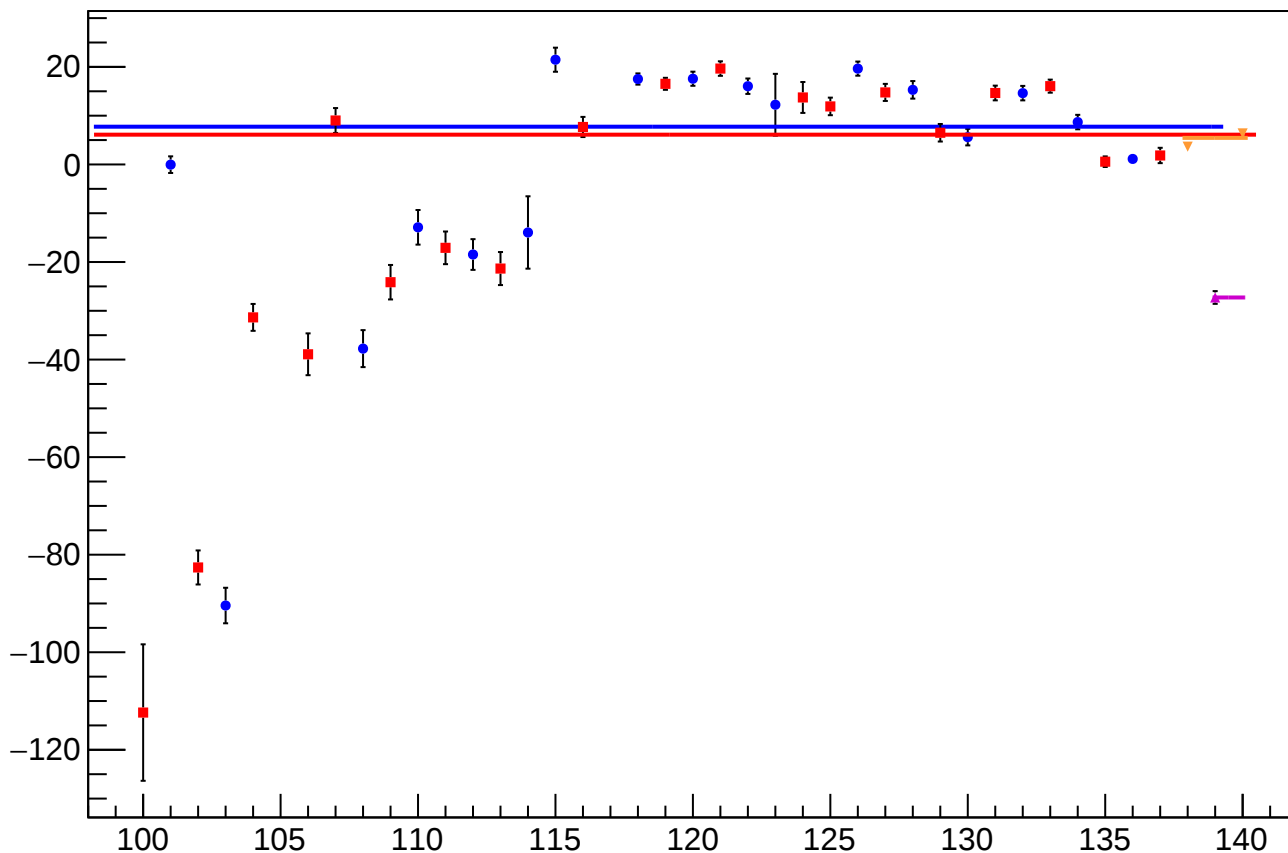
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

All: -14.004+/-0.374 χ^2/NDF : 253.9/2

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.449 ± 0.378 χ^2/NDF : 11.6/1

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: -27.271 ± 1.307 χ^2/NDF : 0.0/0

Left: 2.928 ± 0.363 χ^2/NDF : 589.9/2

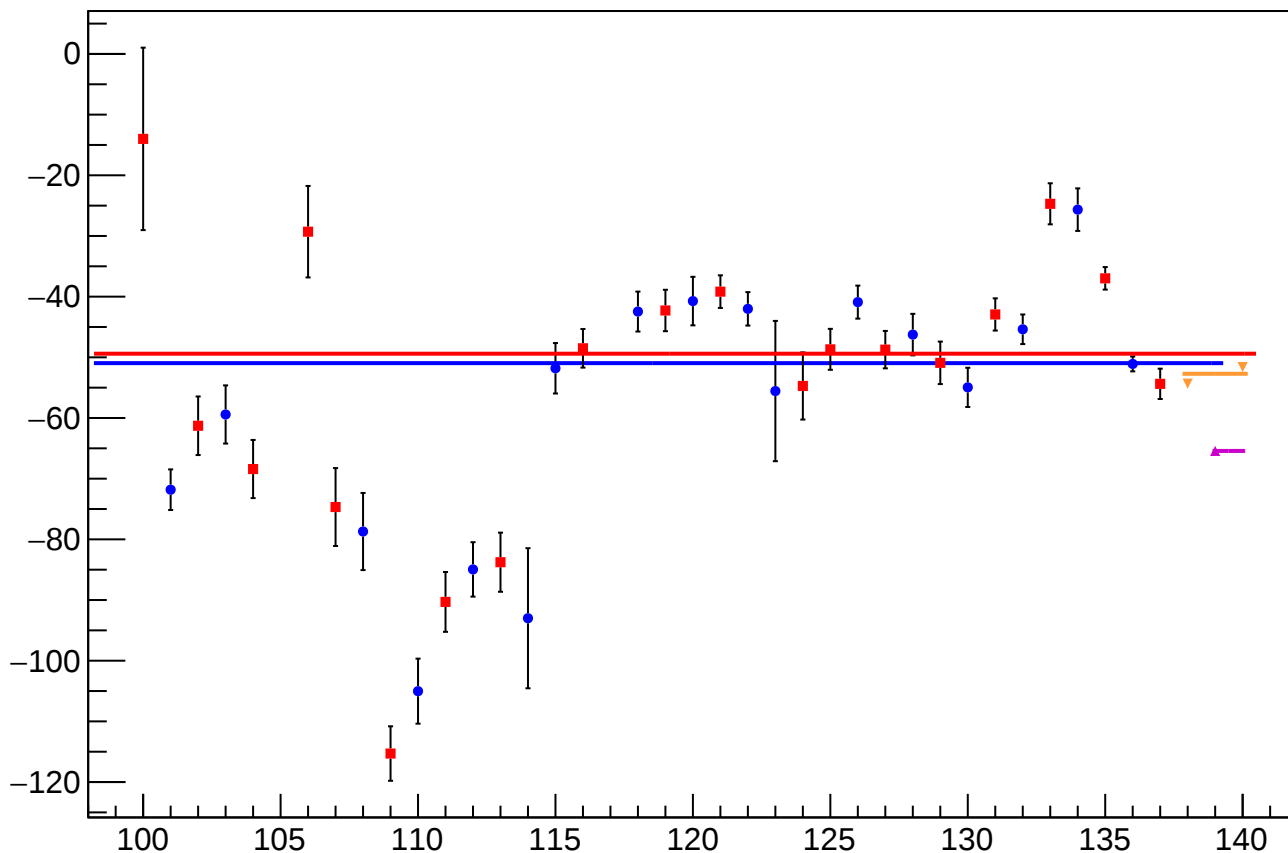
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.703 ± 0.385 χ^2/NDF : 2014.1/17

Out: 5.733 ± 0.285 χ^2/NDF : 1530.6/20

All: 5.369 ± 0.229 χ^2/NDF : 3549.4/38

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: -52.712 ± 0.469 χ^2/NDF : 8.2/1

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -65.430 ± 0.776 χ^2/NDF : 0.0/0

Left: -56.117 ± 0.402 χ^2/NDF : 204.6/2

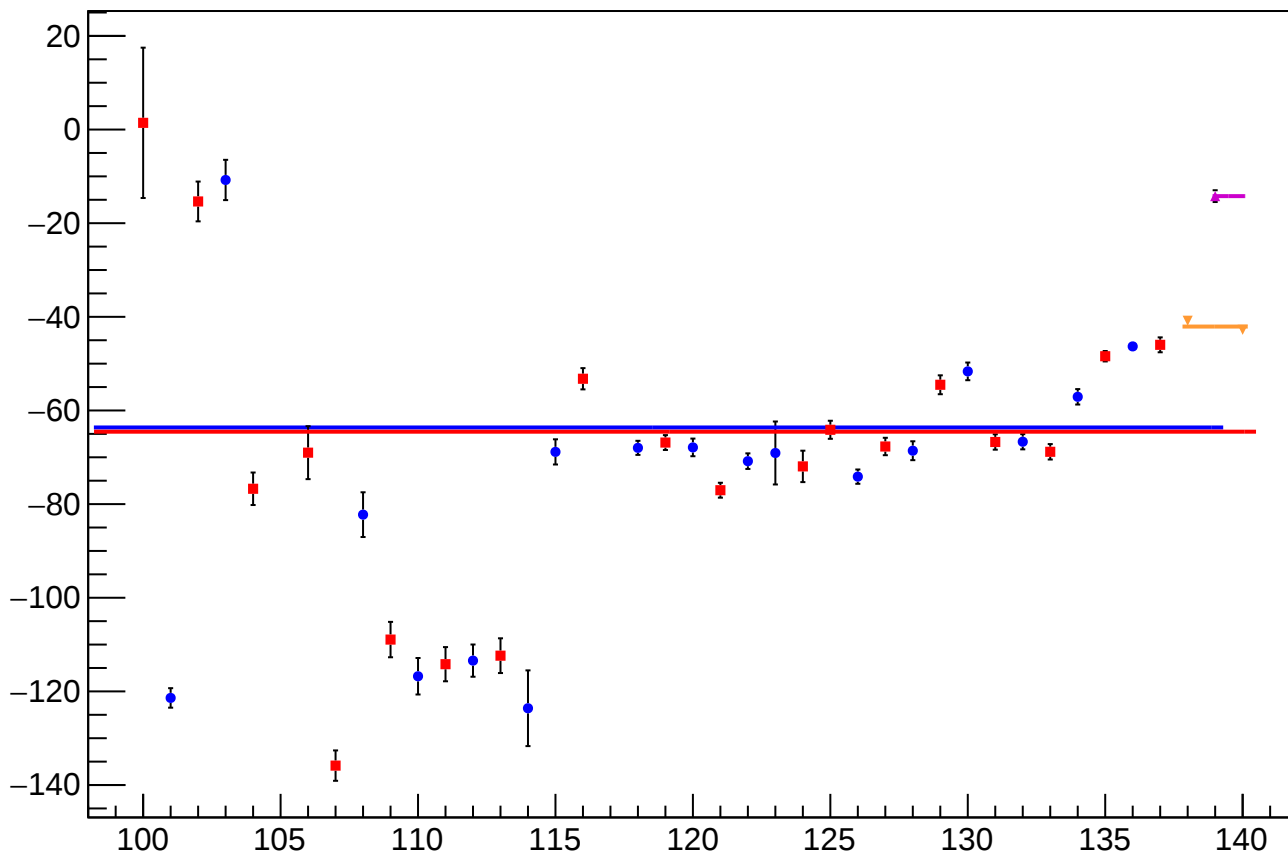
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -57.831 ± 0.535 χ^2/NDF : 514.3/17

Out: -51.859 ± 0.404 χ^2/NDF : 533.0/20

All: -54.031 ± 0.323 χ^2/NDF : 1126.5/38

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: -42.077 ± 0.450 χ^2/NDF : 4.3/1

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -14.219 ± 1.260 χ^2/NDF : 0.0/0

Left: -38.918 ± 0.424 χ^2/NDF : 438.0/2

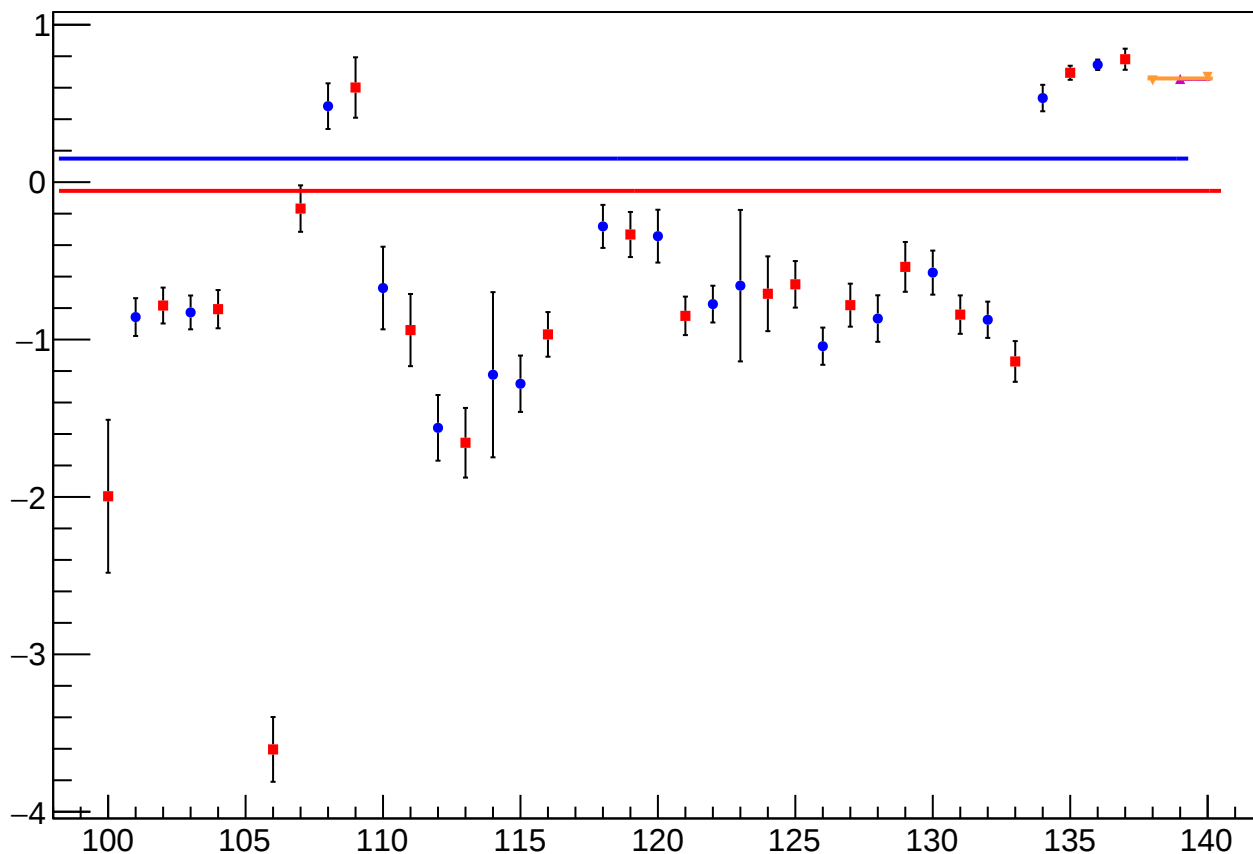
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -58.129 ± 0.420 χ^2/NDF : 3378.9/17

Out: -52.546 ± 0.329 χ^2/NDF : 2773.9/20

All: -54.668 ± 0.259 χ^2/NDF : 6262.2/38

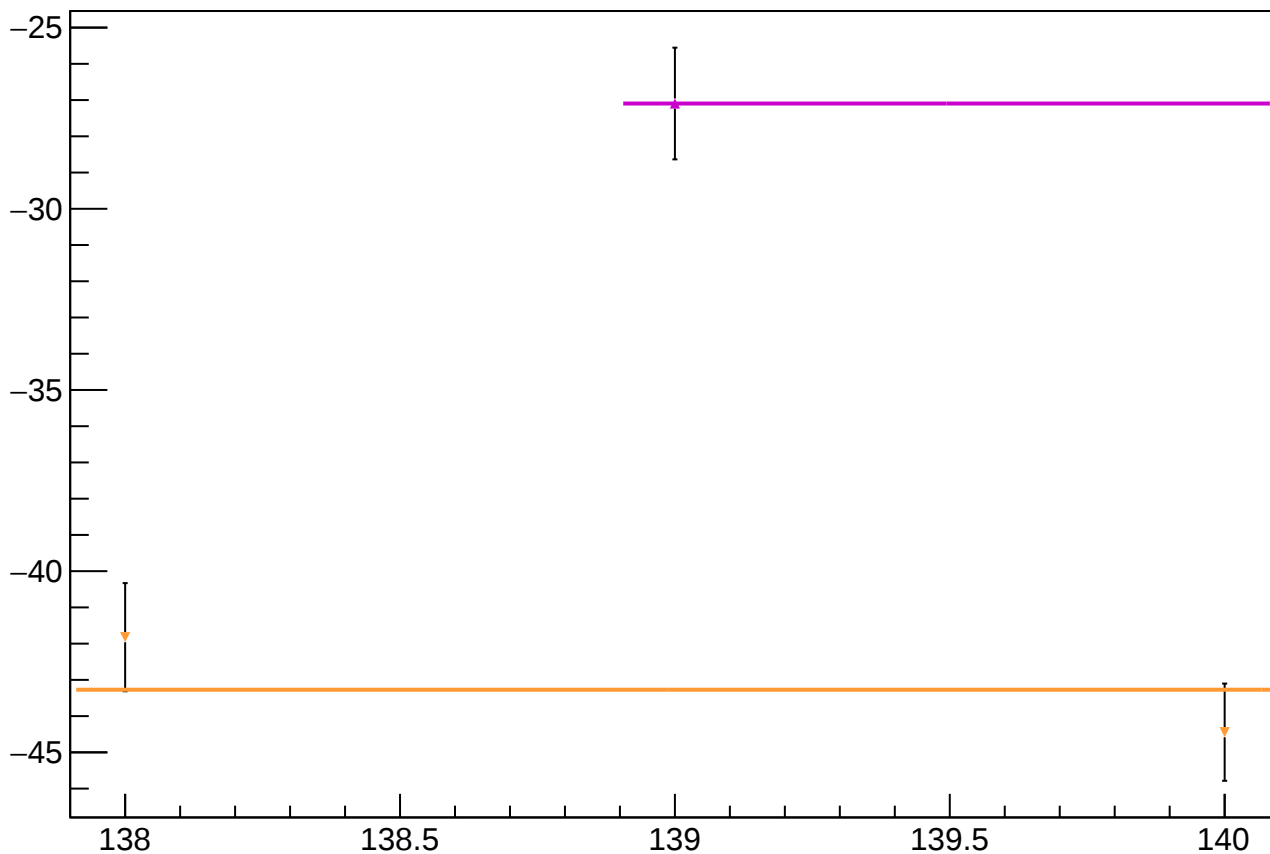
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.659 ± 0.020 $\chi^2/\text{NDF}: 0.3/1$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.655 ± 0.028 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.658 ± 0.016 $\chi^2/\text{NDF}: 0.3/2$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.368 ± 0.018 $\chi^2/\text{NDF}: 1180.8/17$
 Out: 0.401 ± 0.016 $\chi^2/\text{NDF}: 1645.0/20$
 All: 0.386 ± 0.012 $\chi^2/\text{NDF}: 2827.7/38$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -43.272 ± 0.998 χ^2/NDF : 1.7/1

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

Left In: -27.095 ± 1.541 χ^2/NDF : 0.0/0

Left: -38.495 ± 0.838 χ^2/NDF : 79.3/2

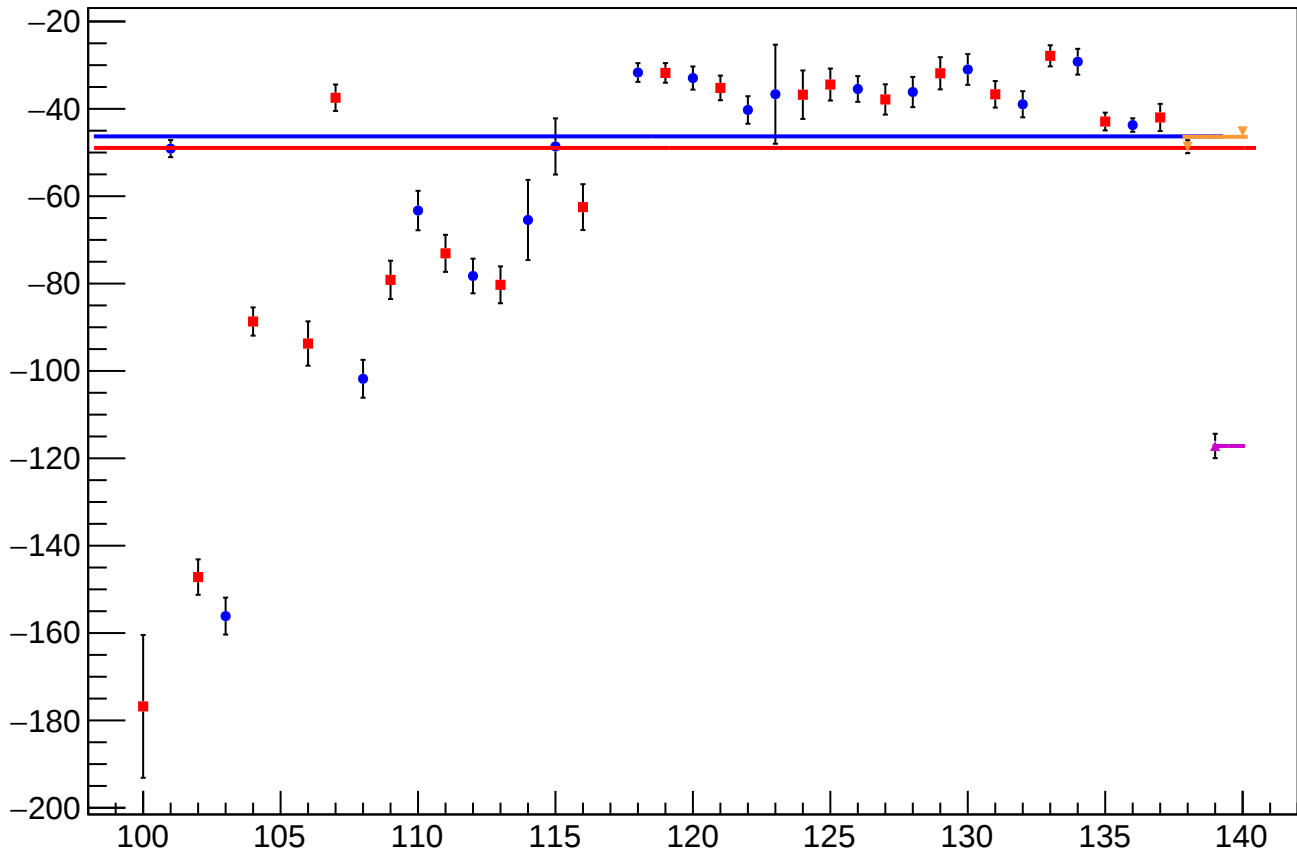
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -27.095 ± 1.541 χ^2/NDF : 0.0/0

Out: -43.272 ± 0.998 χ^2/NDF : 1.7/1

All: -38.495 ± 0.838 χ^2/NDF : 79.3/2

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -46.406 ± 0.883 $\chi^2/\text{NDF}: 3.6/1$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -117.175 ± 2.792 $\chi^2/\text{NDF}: 0.0/0$

Left: -52.846 ± 0.842 $\chi^2/\text{NDF}: 587.6/2$

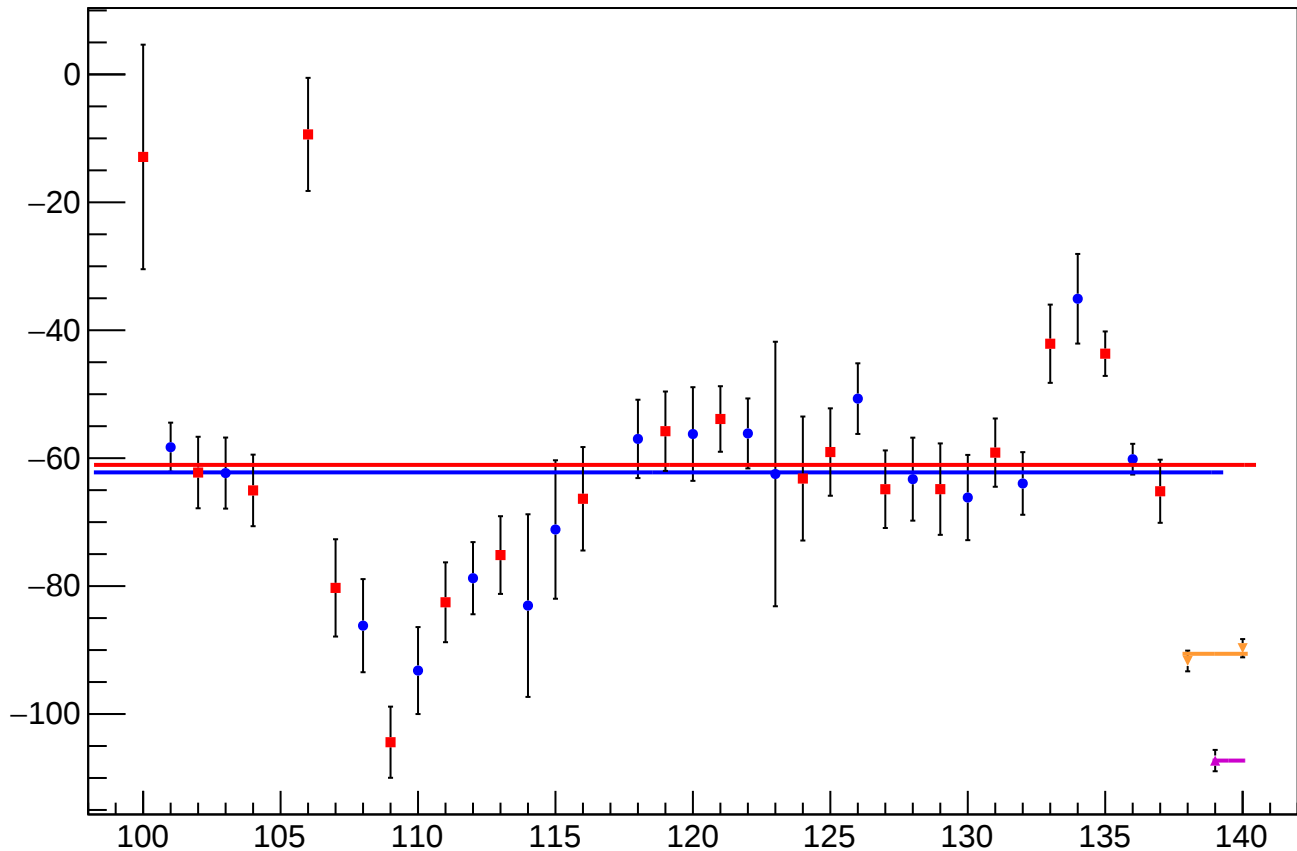
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -50.761 ± 0.700 $\chi^2/\text{NDF}: 1687.8/17$

Out: -47.861 ± 0.577 $\chi^2/\text{NDF}: 1281.9/20$

All: -49.034 ± 0.445 $\chi^2/\text{NDF}: 2979.9/38$

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: -90.585 ± 1.071 χ^2/NDF : 0.9/1

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -107.280 ± 1.668 χ^2/NDF : 0.0/0

Left: -95.460 ± 0.901 χ^2/NDF : 71.8/2

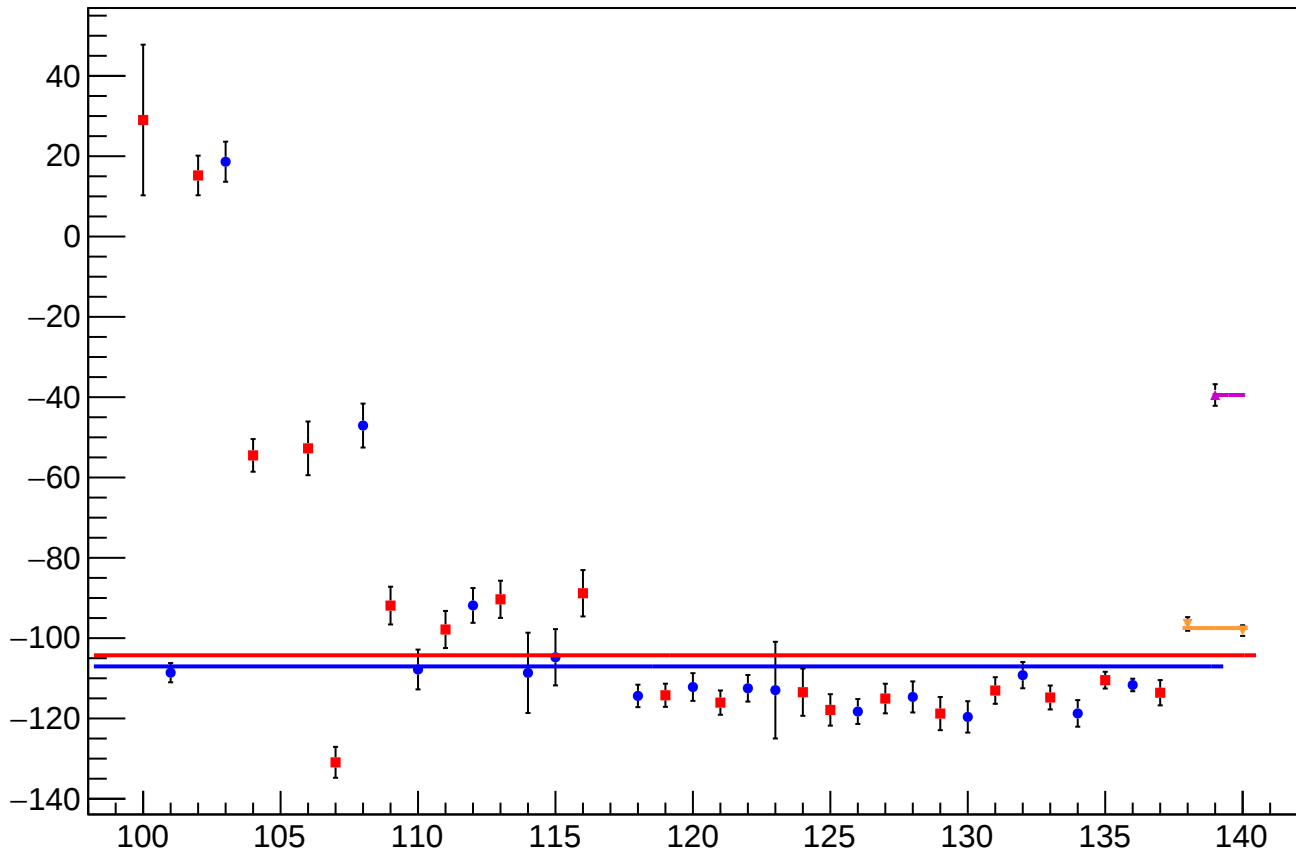
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -79.443 ± 1.031 χ^2/NDF : 518.4/17

Out: -79.470 ± 0.846 χ^2/NDF : 453.1/20

All: -79.459 ± 0.654 χ^2/NDF : 971.4/38

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: -97.494 ± 1.047 χ^2/NDF : 0.6/1

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -39.455 ± 2.689 χ^2/NDF : 0.0/0

Left: -89.854 ± 0.976 χ^2/NDF : 405.1/2

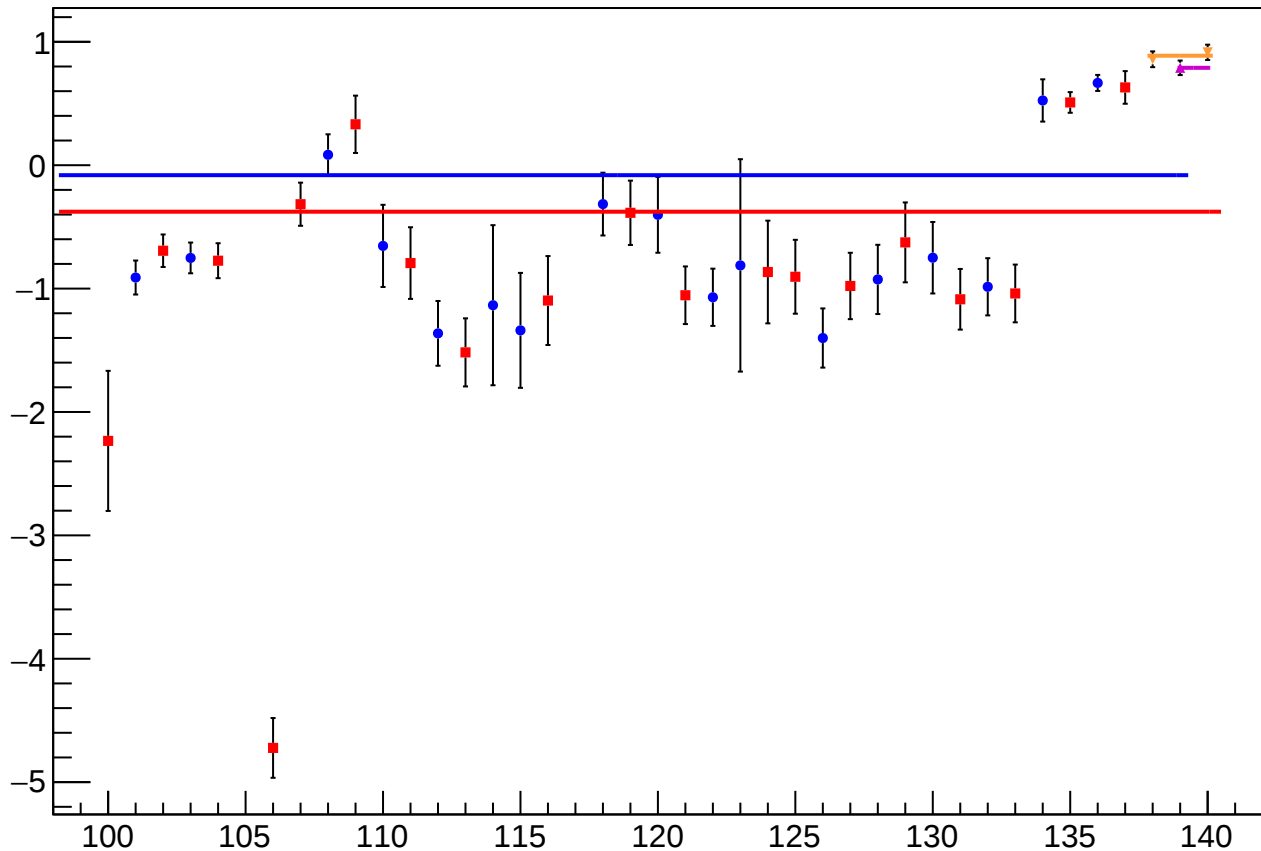
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -101.389 ± 0.778 χ^2/NDF : 1406.7/17

Out: -101.540 ± 0.664 χ^2/NDF : 1043.6/20

All: -101.476 ± 0.505 χ^2/NDF : 2450.4/38

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: 0.887 ± 0.045 χ^2/NDF : 0.4/1

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.789 ± 0.059 χ^2/NDF : 0.0/0

Left: 0.852 ± 0.036 χ^2/NDF : 2.2/2

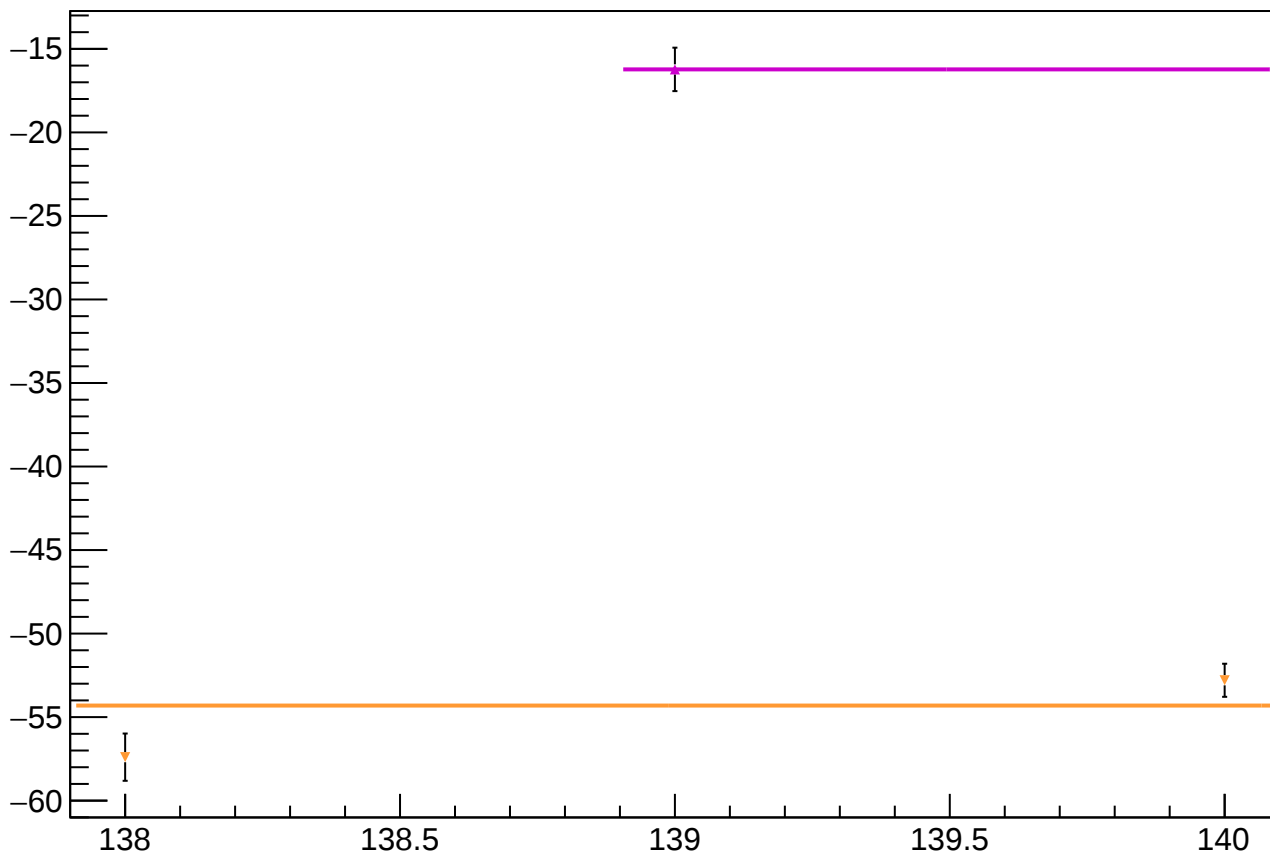
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.214 ± 0.034 χ^2/NDF : 473.1/17

Out: 0.245 ± 0.031 χ^2/NDF : 992.5/20

All: 0.231 ± 0.023 χ^2/NDF : 1466.0/38

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: -54.309+/-0.811 χ^2/NDF : 7.1/1

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

Left In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Left: -43.638+/-0.688 χ^2/NDF : 624.6/2

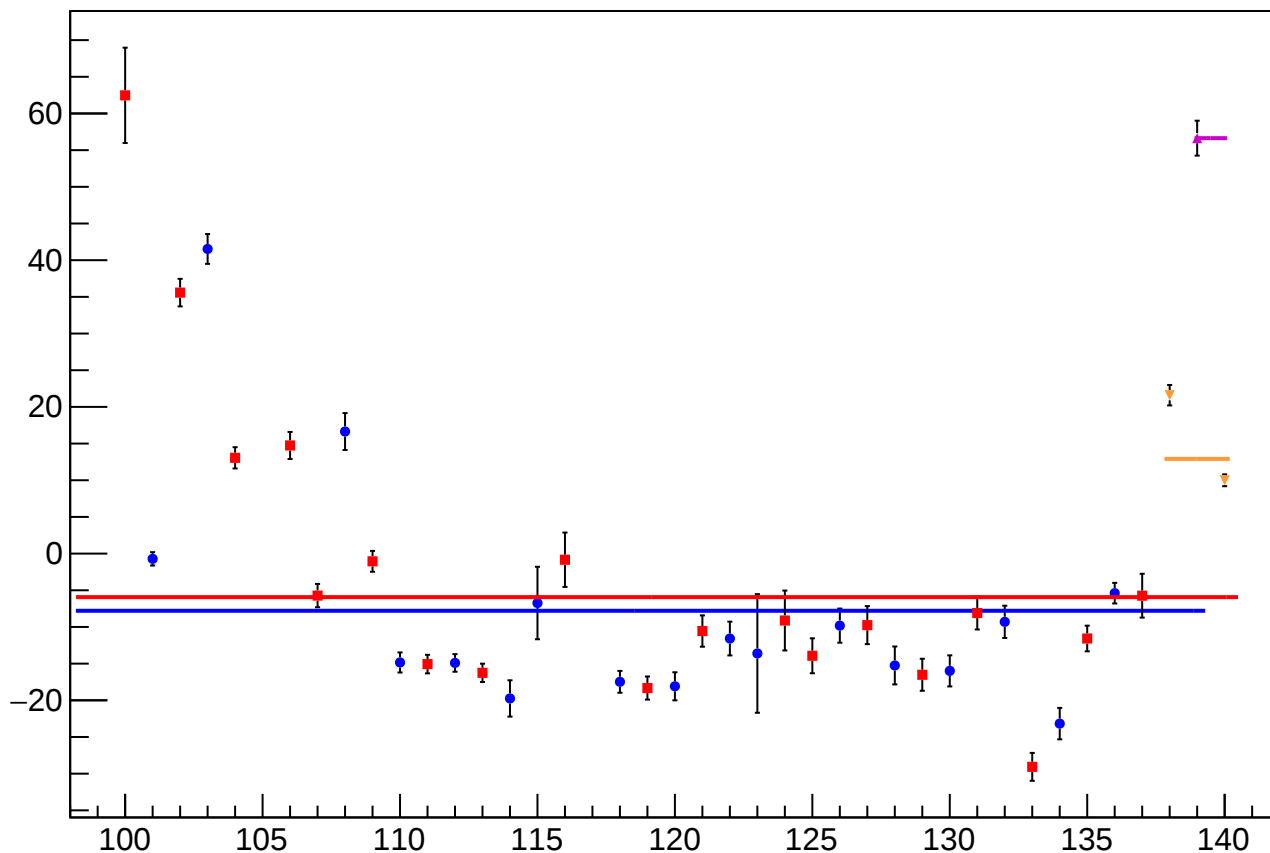
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

All: -43.638+/-0.688 χ^2/NDF : 624.6/2

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: 12.913 ± 0.699 χ^2/NDF : 51.8/1

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: 56.635 ± 2.381 χ^2/NDF : 0.0/0

Left: 16.385 ± 0.671 χ^2/NDF : 362.3/2

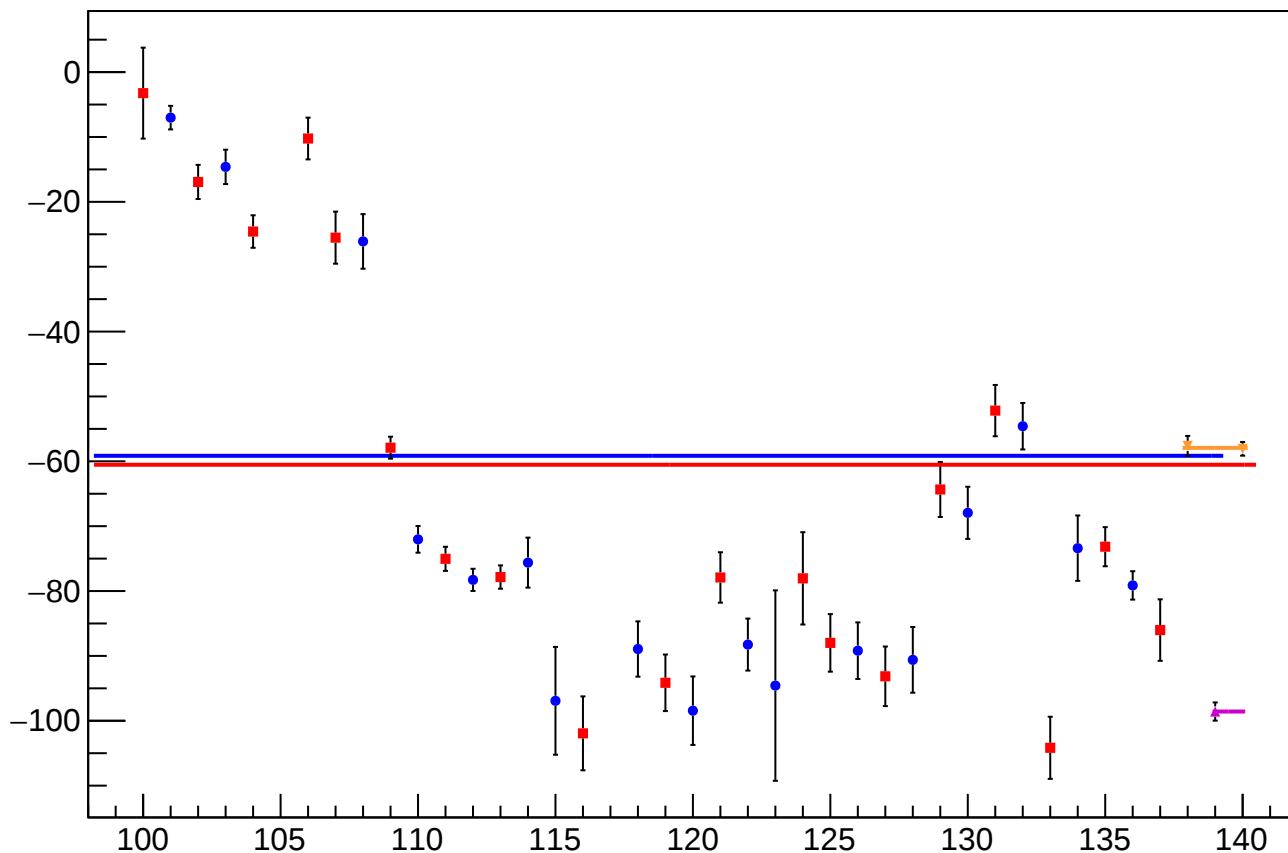
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -5.777 ± 0.421 χ^2/NDF : 1692.3/17

Out: -0.780 ± 0.366 χ^2/NDF : 1873.9/20

All: -2.927 ± 0.276 χ^2/NDF : 3646.4/38

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: -57.929 ± 0.869 χ^2/NDF : 0.1/1

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -98.575 ± 1.404 χ^2/NDF : 0.0/0

Left: -69.183 ± 0.739 χ^2/NDF : 605.9/2

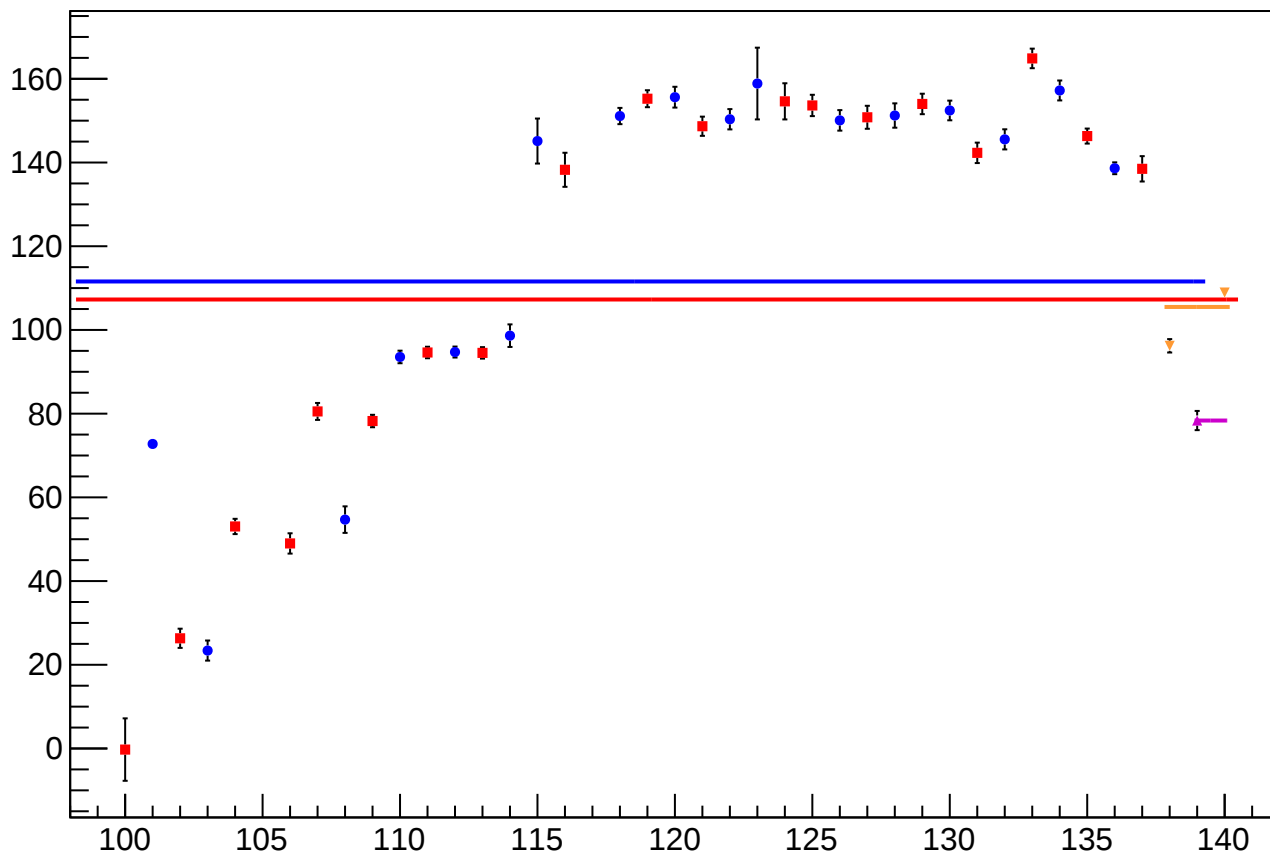
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -67.814 ± 0.658 χ^2/NDF : 2333.3/17

Out: -59.499 ± 0.547 χ^2/NDF : 1390.7/20

All: -62.896 ± 0.421 χ^2/NDF : 3818.4/38

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580+/-0.487 χ^2/NDF : 5946.0/16

Left Out: 105.491+/-0.834 χ^2/NDF :46.0/1

Right Out: 107.273+/-0.488 χ^2/NDF : 7044.9/18

Left In: 78.355+/-2.295 χ^2/NDF :0.0/0

Left: 102.328+/-0.784 χ^2/NDF : 169.5/2

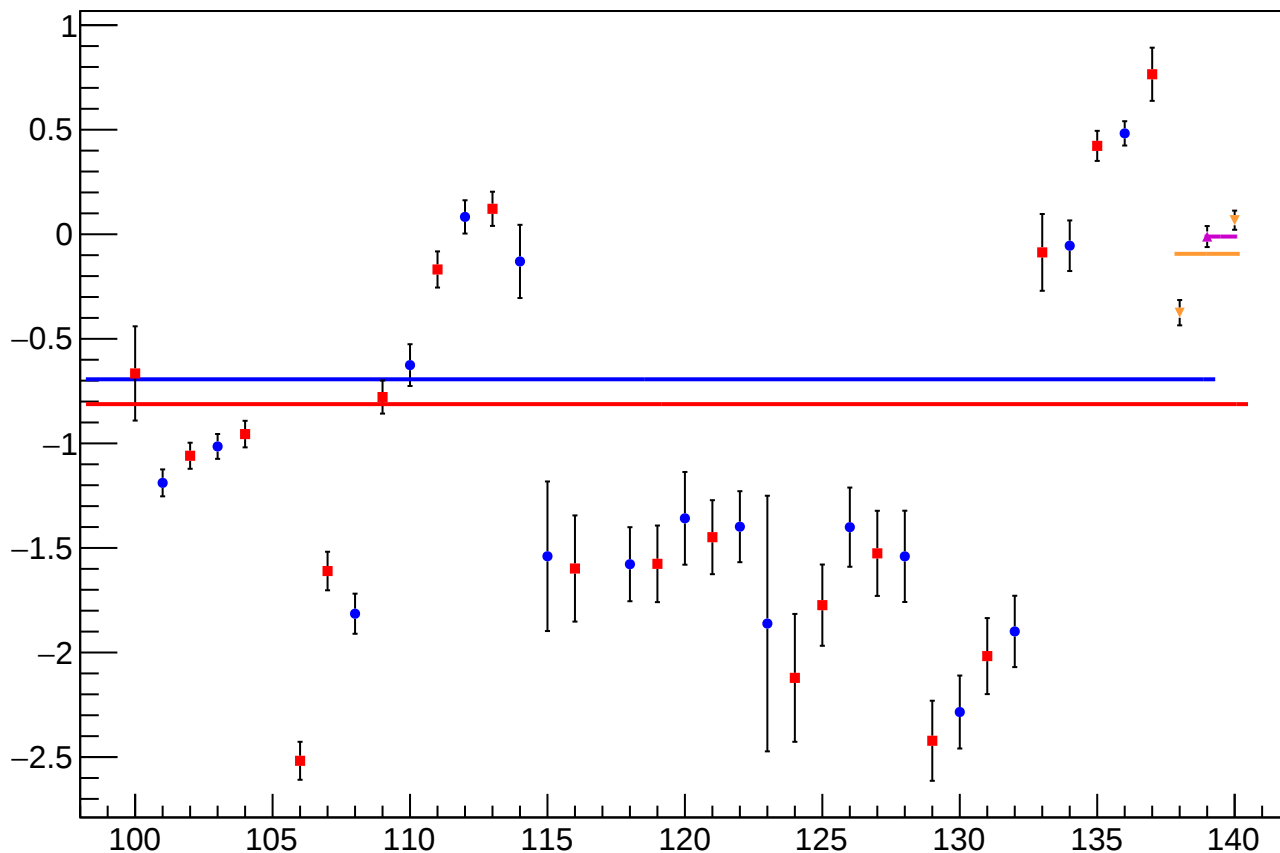
Right: 109.427+/-0.345 χ^2/NDF : 13029.8/35

In: 110.145+/-0.477 χ^2/NDF :6146.5/17

Out: 106.819+/-0.421 χ^2/NDF :7094.3/20

All: 108.276+/-0.316 χ^2/NDF : 13268.1/38

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: -0.094 ± 0.037 χ^2/NDF : 33.9/1

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.011 ± 0.050 χ^2/NDF : 0.0/0

Left: -0.065 ± 0.030 χ^2/NDF : 35.7/2

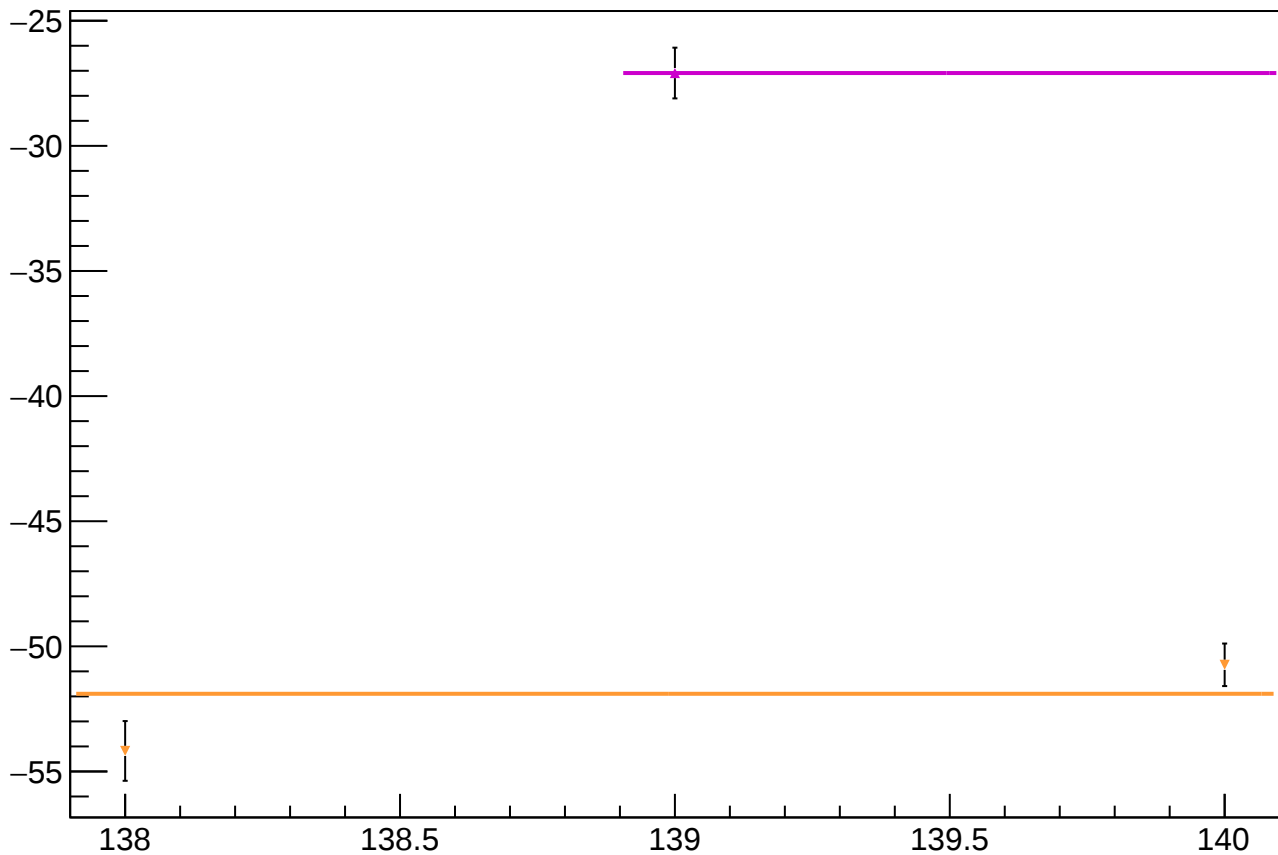
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.551 ± 0.023 χ^2/NDF : 1136.9/17

Out: -0.591 ± 0.020 χ^2/NDF : 1611.3/20

All: -0.574 ± 0.015 χ^2/NDF : 2749.9/38

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: -51.896+/-0.692 χ^2 /NDF: 5.5/1

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

Left In: -27.090+/-1.014 χ^2 /NDF: 0.0/0

Left: -44.005+/-0.572 χ^2 /NDF: 413.9/2

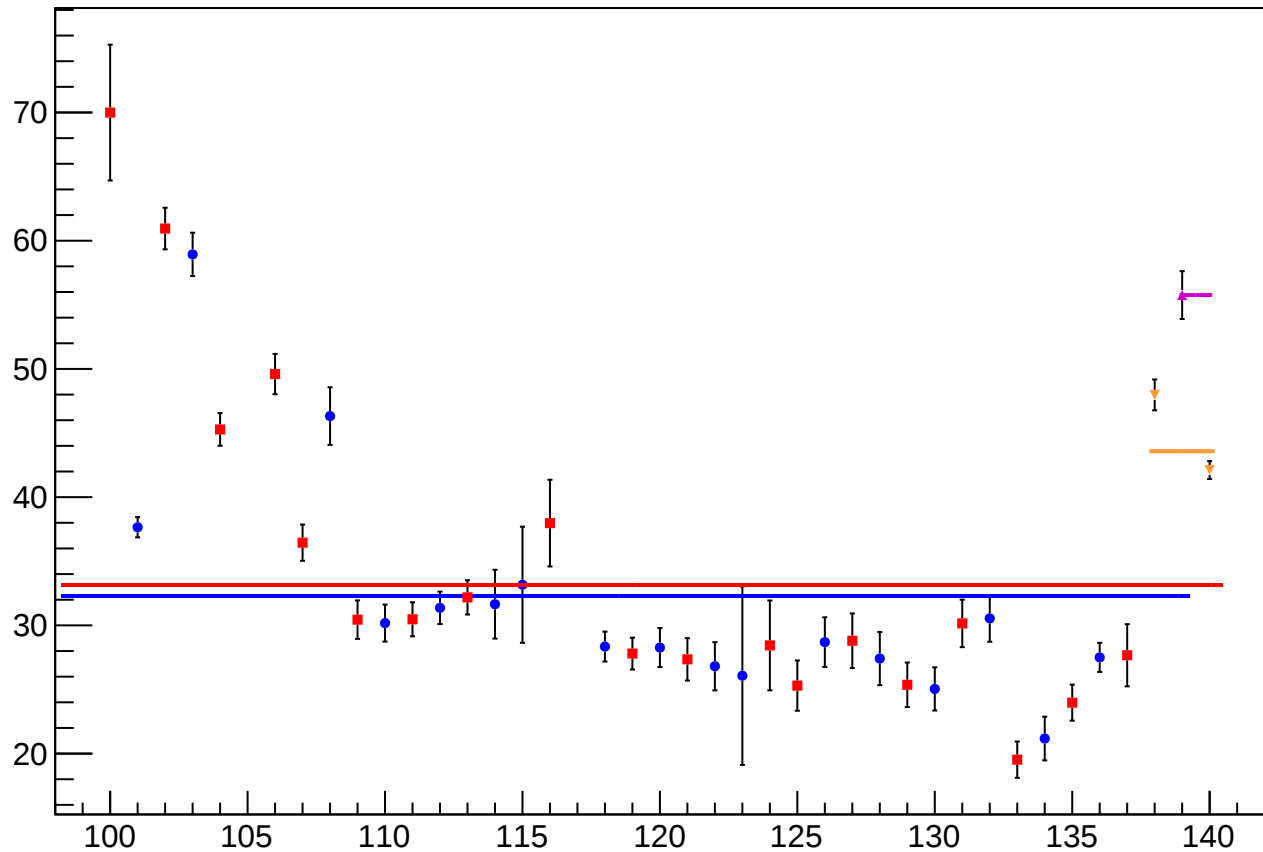
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -27.090+/-1.014 χ^2 /NDF: 0.0/0

Out: -51.896+/-0.692 χ^2 /NDF: 5.5/1

All: -44.005+/-0.572 χ^2 /NDF: 413.9/2

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 43.583+/-0.604 χ^2/NDF : 17.7/1

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 55.759+/-1.865 χ^2/NDF : 0.0/0

Left: 44.738+/-0.574 χ^2/NDF : 56.3/2

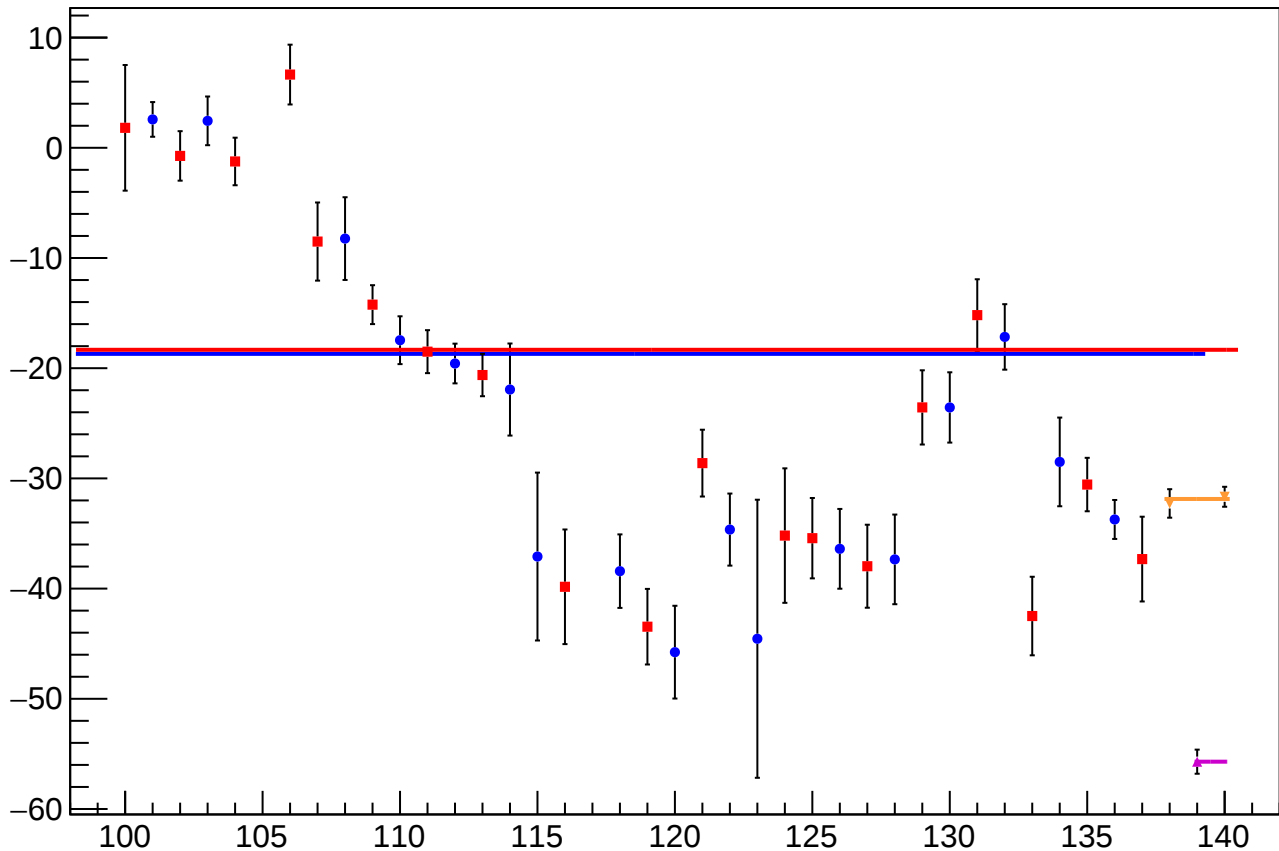
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 33.196+/-0.366 χ^2/NDF : 604.8/17

Out: 36.097+/-0.321 χ^2/NDF : 1004.8/20

All: 34.836+/-0.241 χ^2/NDF : 1645.1/38

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -31.867 ± 0.742 χ^2/NDF : 0.1/1

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -55.707 ± 1.094 χ^2/NDF : 0.0/0

Left: -39.376 ± 0.614 χ^2/NDF : 325.4/2

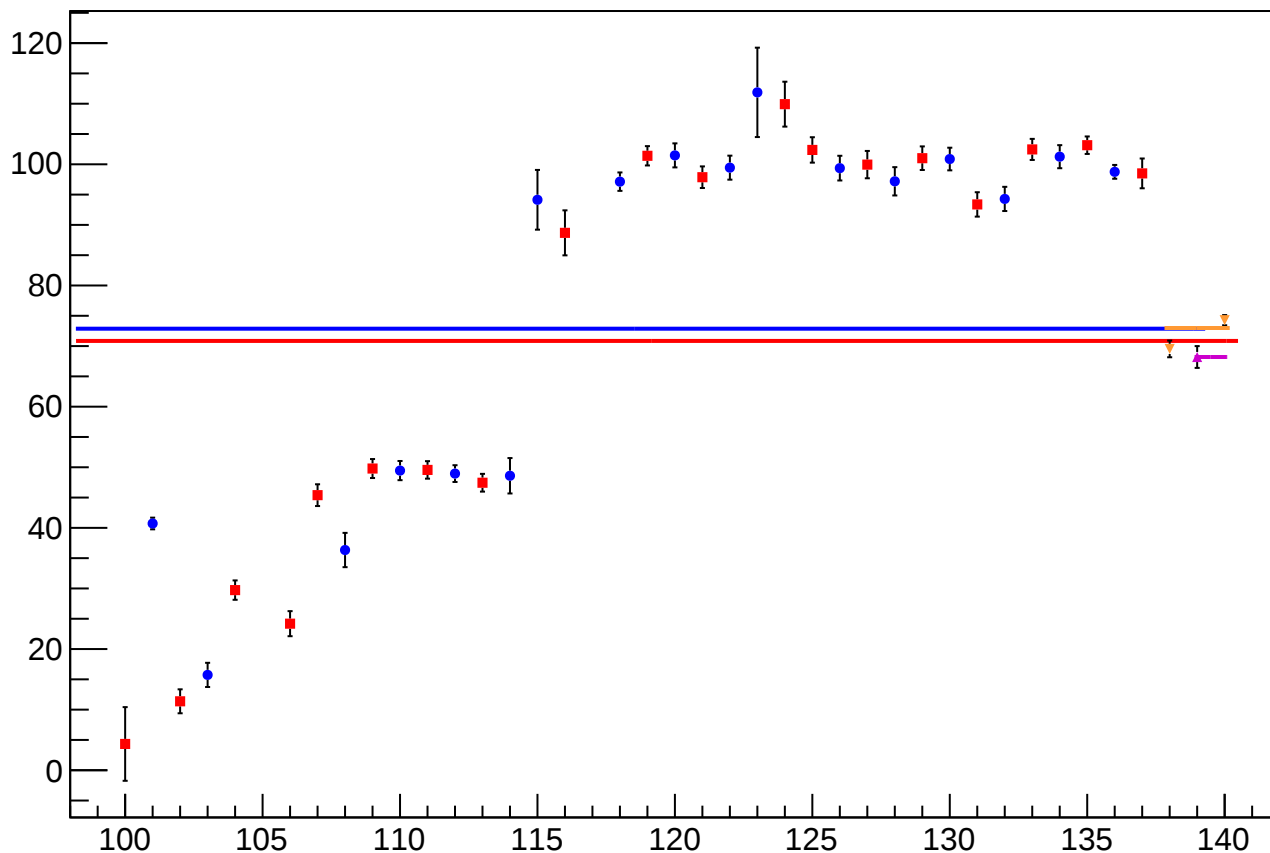
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -28.718 ± 0.569 χ^2/NDF : 1353.6/17

Out: -24.141 ± 0.486 χ^2/NDF : 664.1/20

All: -26.071 ± 0.370 χ^2/NDF : 2055.1/38

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2/NDF : 4727.1/16

Left Out: 72.984 $\pm$ 0.718 χ^2/NDF : 8.7/1

Right Out: 70.851 $\pm$ 0.433 χ^2/NDF : 5495.4/18

Left In: 68.198 $\pm$ 1.799 χ^2/NDF : 0.0/0

Left: 72.327 $\pm$ 0.667 χ^2/NDF : 14.8/2

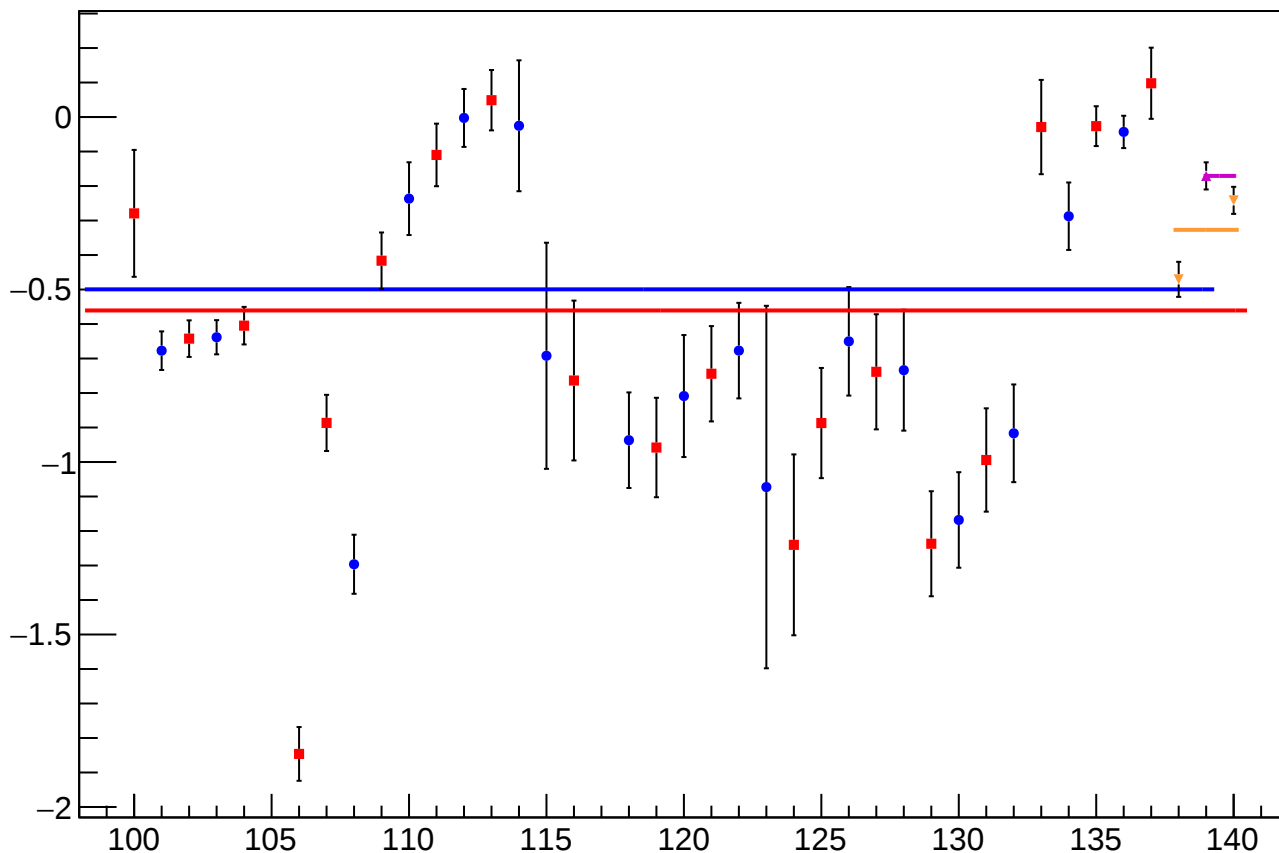
Right: 71.876 $\pm$ 0.304 χ^2/NDF : 10233.6/35

In: 72.622 $\pm$ 0.415 χ^2/NDF : 4733.5/17

Out: 71.420 $\pm$ 0.371 χ^2/NDF : 5510.6/20

All: 71.953 $\pm$ 0.276 χ^2/NDF : 10248.7/38

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: -0.327 ± 0.031 χ^2/NDF : 12.7/1

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.171 ± 0.039 χ^2/NDF : 0.0/0

Left: -0.267 ± 0.024 χ^2/NDF : 22.5/2

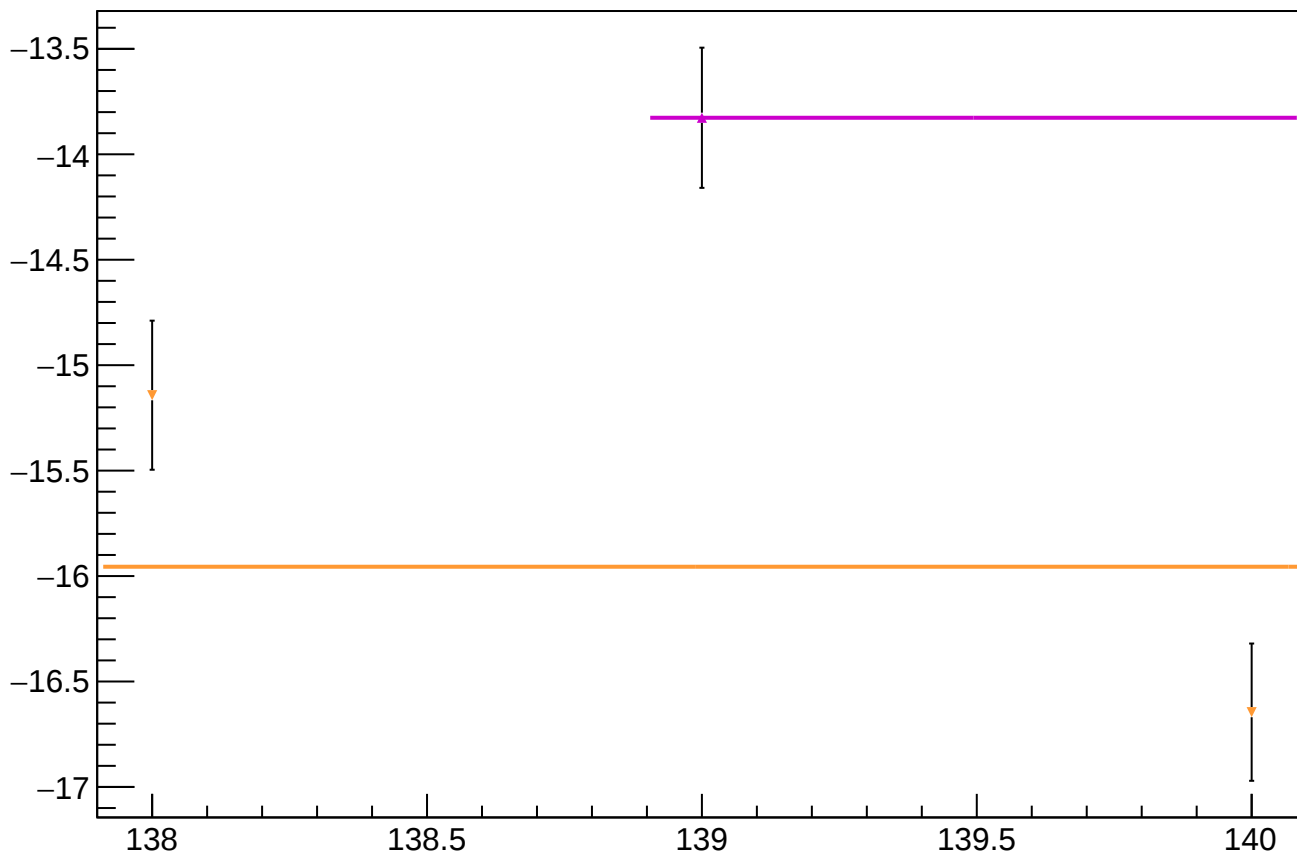
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.419 ± 0.019 χ^2/NDF : 355.5/17

Out: -0.485 ± 0.018 χ^2/NDF : 612.9/20

All: -0.456 ± 0.013 χ^2/NDF : 974.7/38

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: -15.956+/-0.239 χ^2 /NDF: 9.8/1

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

Left In: -13.827+/-0.332 χ^2 /NDF: 0.0/0

Left: -15.229+/-0.194 χ^2 /NDF: 36.8/2

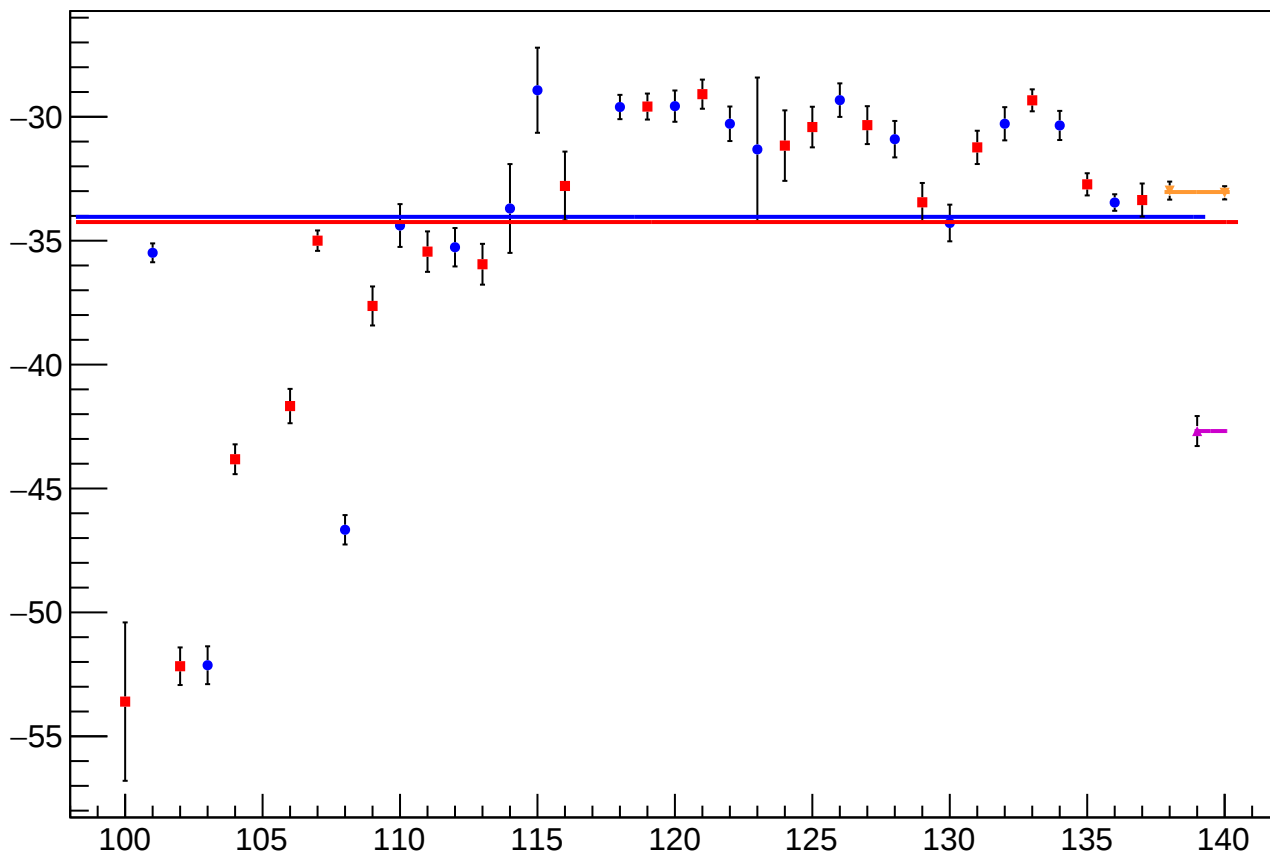
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -13.827+/-0.332 χ^2 /NDF: 0.0/0

Out: -15.956+/-0.239 χ^2 /NDF: 9.8/1

All: -15.229+/-0.194 χ^2 /NDF: 36.8/2

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: -33.036 ± 0.216 χ^2/NDF : 0.0/1

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -42.682 ± 0.605 χ^2/NDF : 0.0/0

Left: -34.122 ± 0.203 χ^2/NDF : 225.3/2

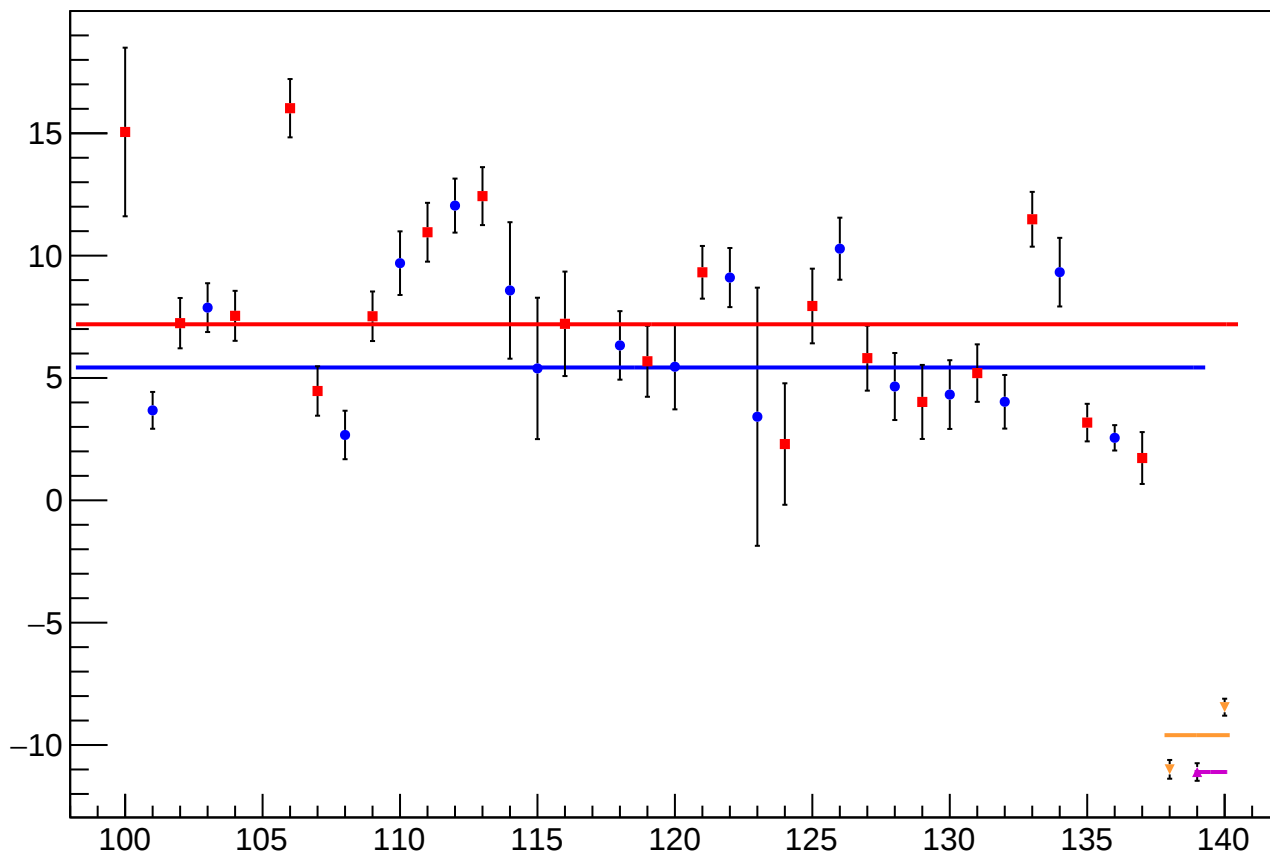
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -34.543 ± 0.146 χ^2/NDF : 1534.8/17

Out: -33.850 ± 0.123 χ^2/NDF : 1378.7/20

All: -34.138 ± 0.094 χ^2/NDF : 2926.7/38

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: -9.597 ± 0.257 χ^2/NDF : 24.1/1

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -11.103 ± 0.359 χ^2/NDF : 0.0/0

Left: -10.107 ± 0.209 χ^2/NDF : 35.8/2

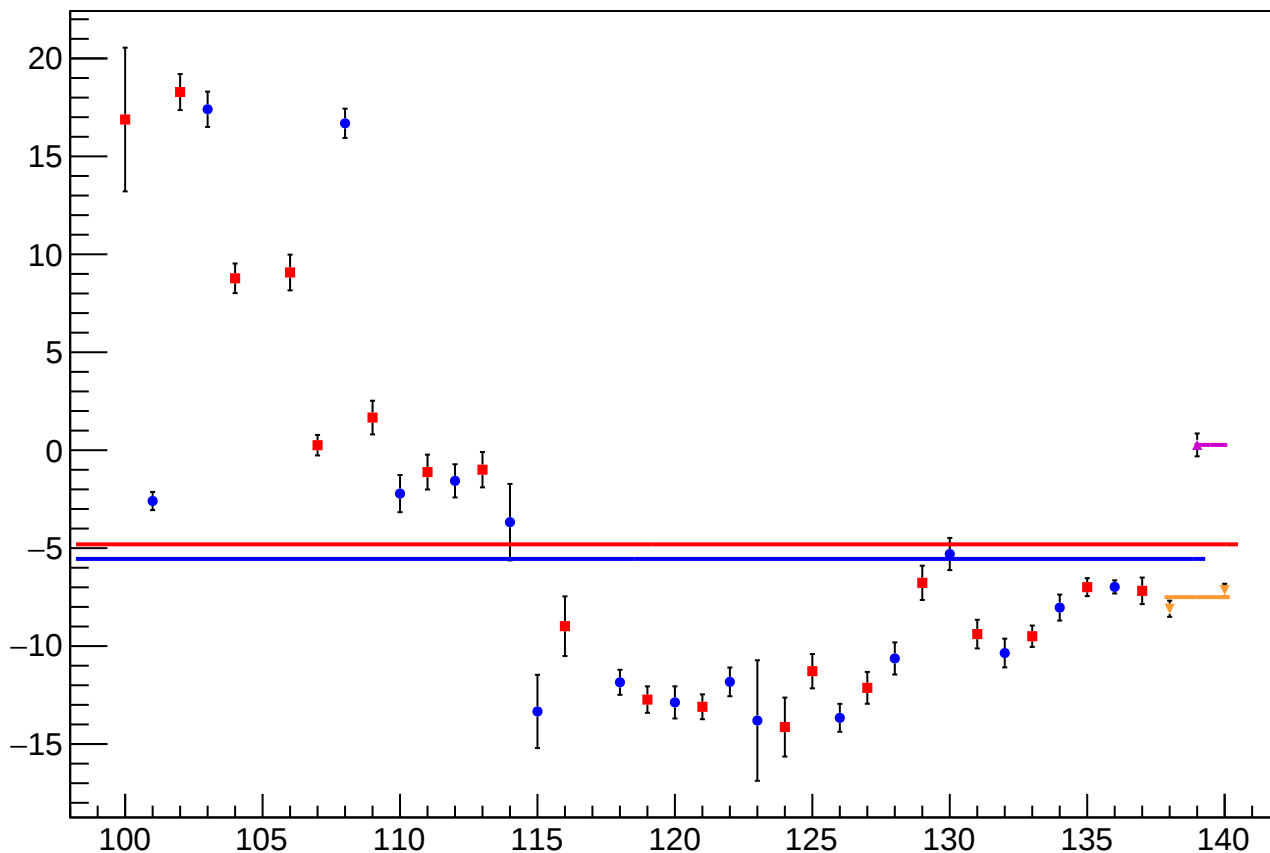
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -0.534 ± 0.216 χ^2/NDF : 1486.1/17

Out: -1.737 ± 0.188 χ^2/NDF : 2203.9/20

All: -1.219 ± 0.142 χ^2/NDF : 3707.7/38

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: -7.502 ± 0.254 χ^2/NDF : 3.3/1

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: 0.271 ± 0.583 χ^2/NDF : 0.0/0

Left: -6.260 ± 0.233 χ^2/NDF : 152.5/2

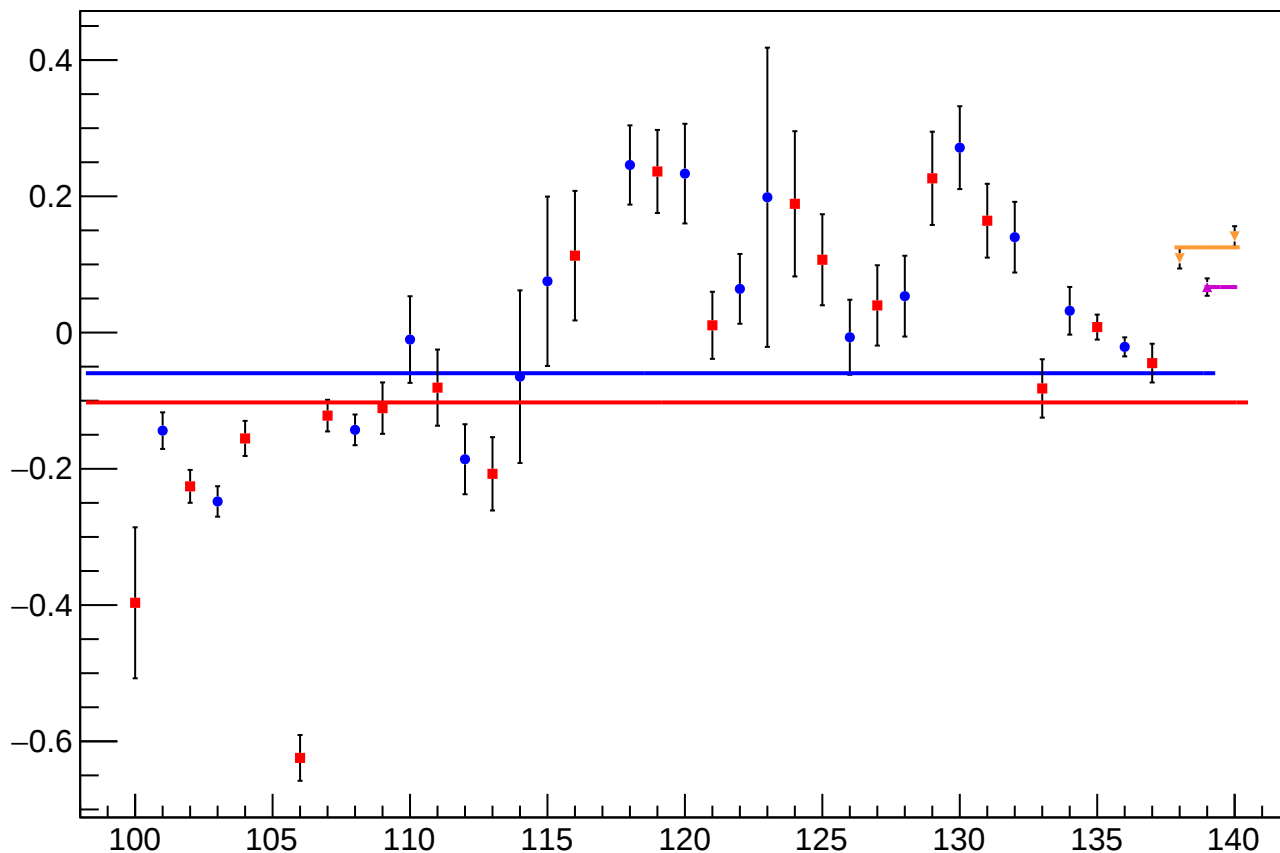
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.094 ± 0.163 χ^2/NDF : 2218.3/17

Out: -5.657 ± 0.143 χ^2/NDF : 2128.4/20

All: -5.412 ± 0.108 χ^2/NDF : 4353.4/38

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: 0.125 ± 0.011 χ^2/NDF : 2.3/1

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.067 ± 0.013 χ^2/NDF : 0.0/0

Left: 0.101 ± 0.008 χ^2/NDF : 14.6/2

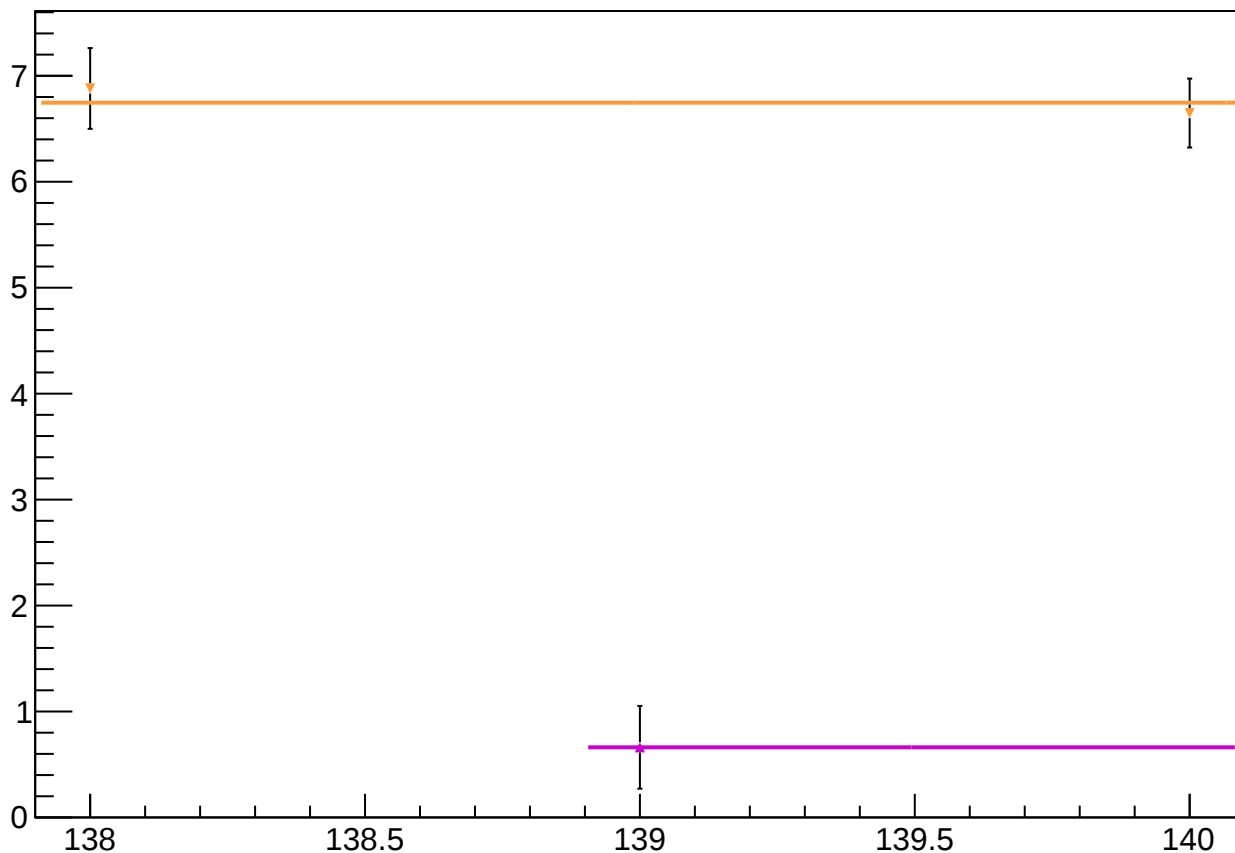
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: -0.021 ± 0.007 χ^2/NDF : 285.1/17

Out: -0.015 ± 0.007 χ^2/NDF : 719.9/20

All: -0.018 ± 0.005 χ^2/NDF : 1005.5/38

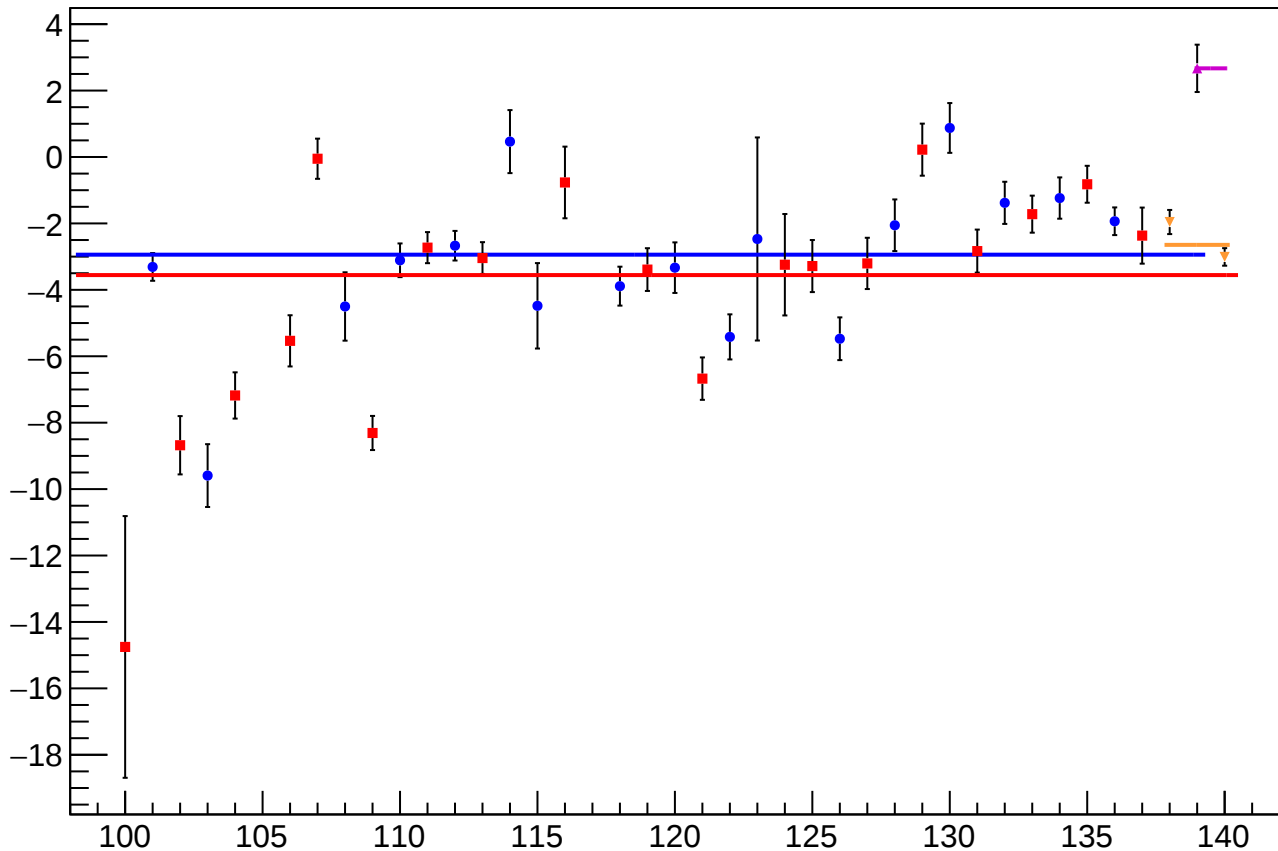
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.746 $\pm$ 0.247 χ^2/NDF : 0.2/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.662 $\pm$ 0.391 χ^2/NDF : 0.0/0

Left: 5.005 $\pm$ 0.209 χ^2/NDF : 173.4/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.662 $\pm$ 0.391 χ^2/NDF : 0.0/0
 Out: 6.746 $\pm$ 0.247 χ^2/NDF : 0.2/1
 All: 5.005 $\pm$ 0.209 χ^2/NDF : 173.4/2

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: -2.646 ± 0.214 χ^2/NDF : 5.5/1

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: 2.669 ± 0.713 χ^2/NDF : 0.0/0

Left: -2.208 ± 0.205 χ^2/NDF : 56.5/2

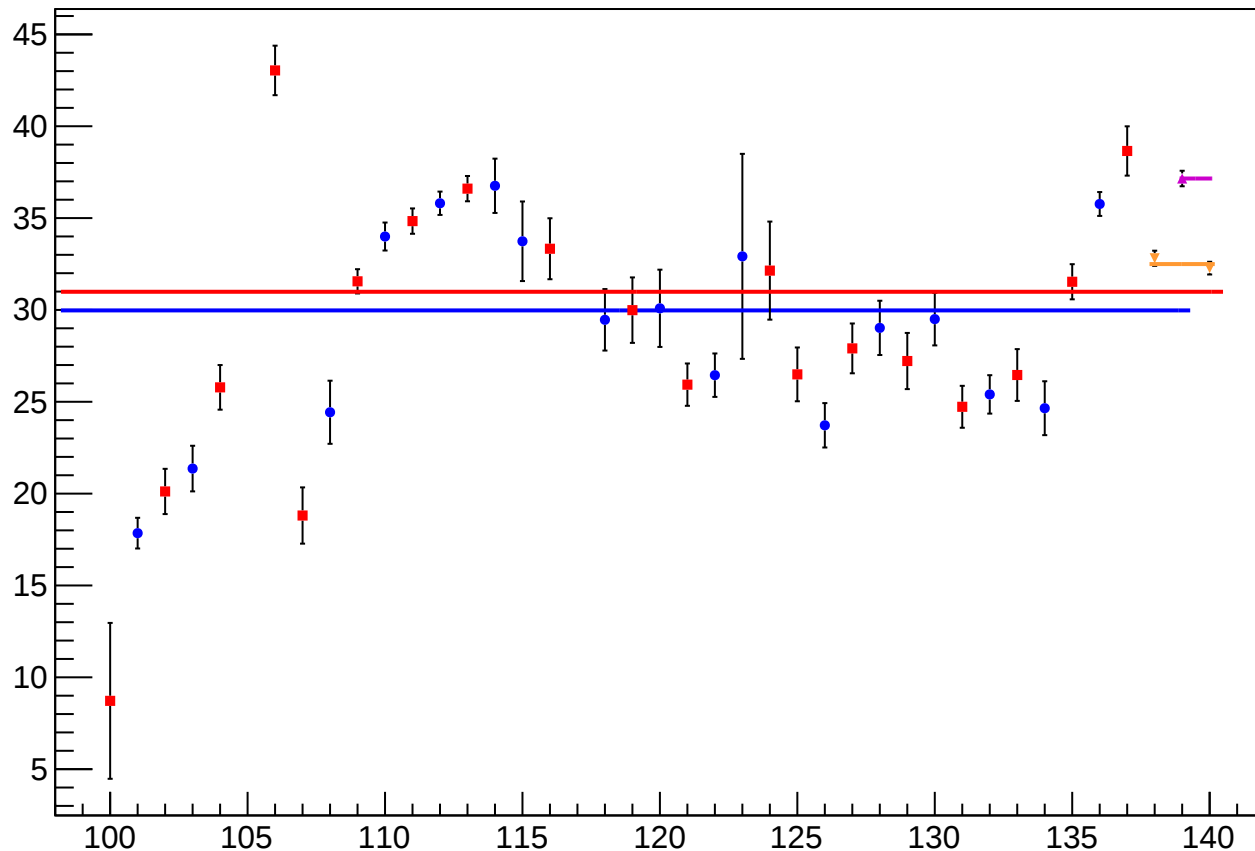
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.690 ± 0.151 χ^2/NDF : 204.8/17

Out: -3.243 ± 0.125 χ^2/NDF : 309.0/20

All: -3.018 ± 0.096 χ^2/NDF : 521.7/38

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: 32.497 $\pm$ 0.265 χ^2 /NDF:1.0/1

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 37.154 $\pm$ 0.422 χ^2 /NDF:0.0/0

Left: 33.816 $\pm$ 0.225 χ^2 /NDF: 88.2/2

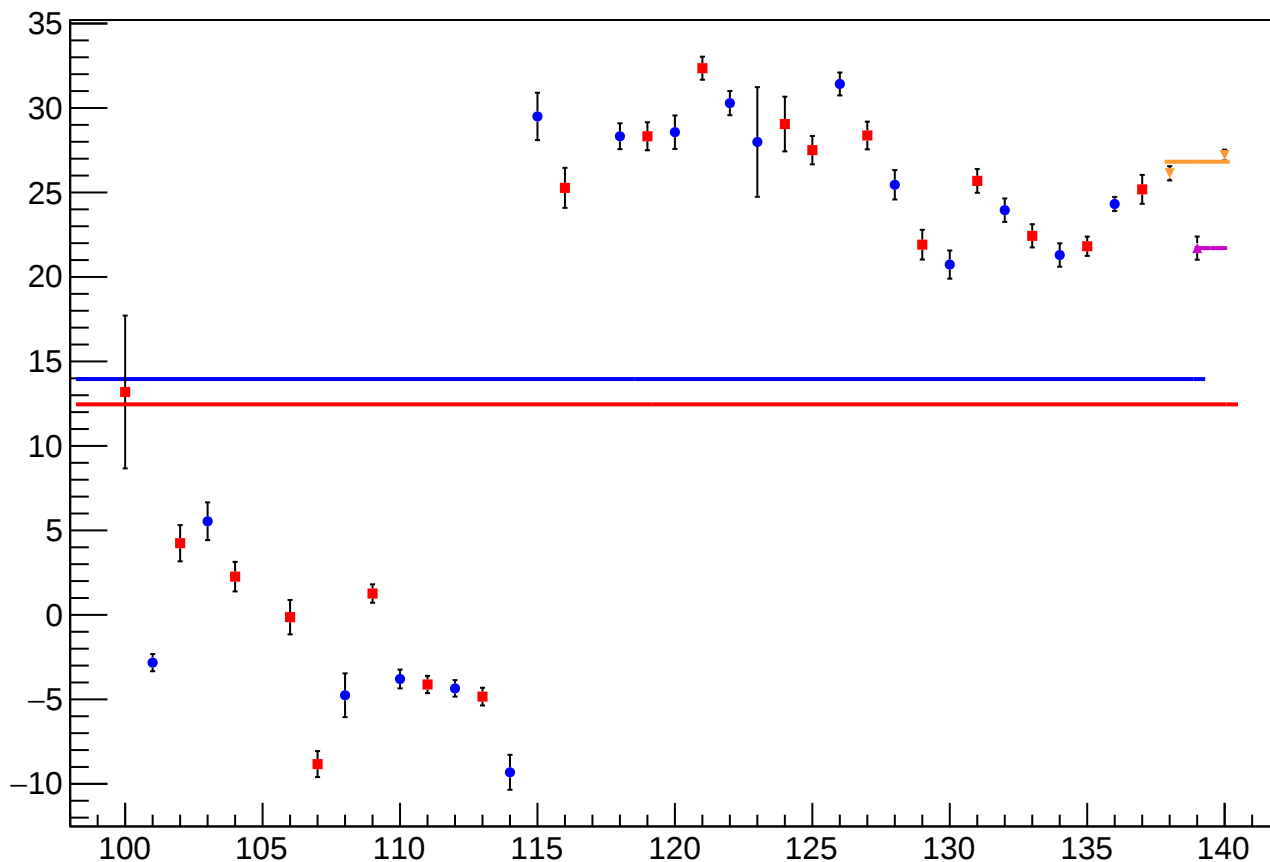
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 32.028 $\pm$ 0.226 χ^2 /NDF:760.4/17

Out: 31.727 $\pm$ 0.186 χ^2 /NDF:498.5/20

All: 31.849 $\pm$ 0.143 χ^2 /NDF: 1260.0/38

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: 26.820 $\pm$ 0.255 χ^2 /NDF:4.2/1

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.706 $\pm$ 0.687 χ^2 /NDF:0.0/0

Left: 26.202 $\pm$ 0.239 χ^2 /NDF: 52.9/2

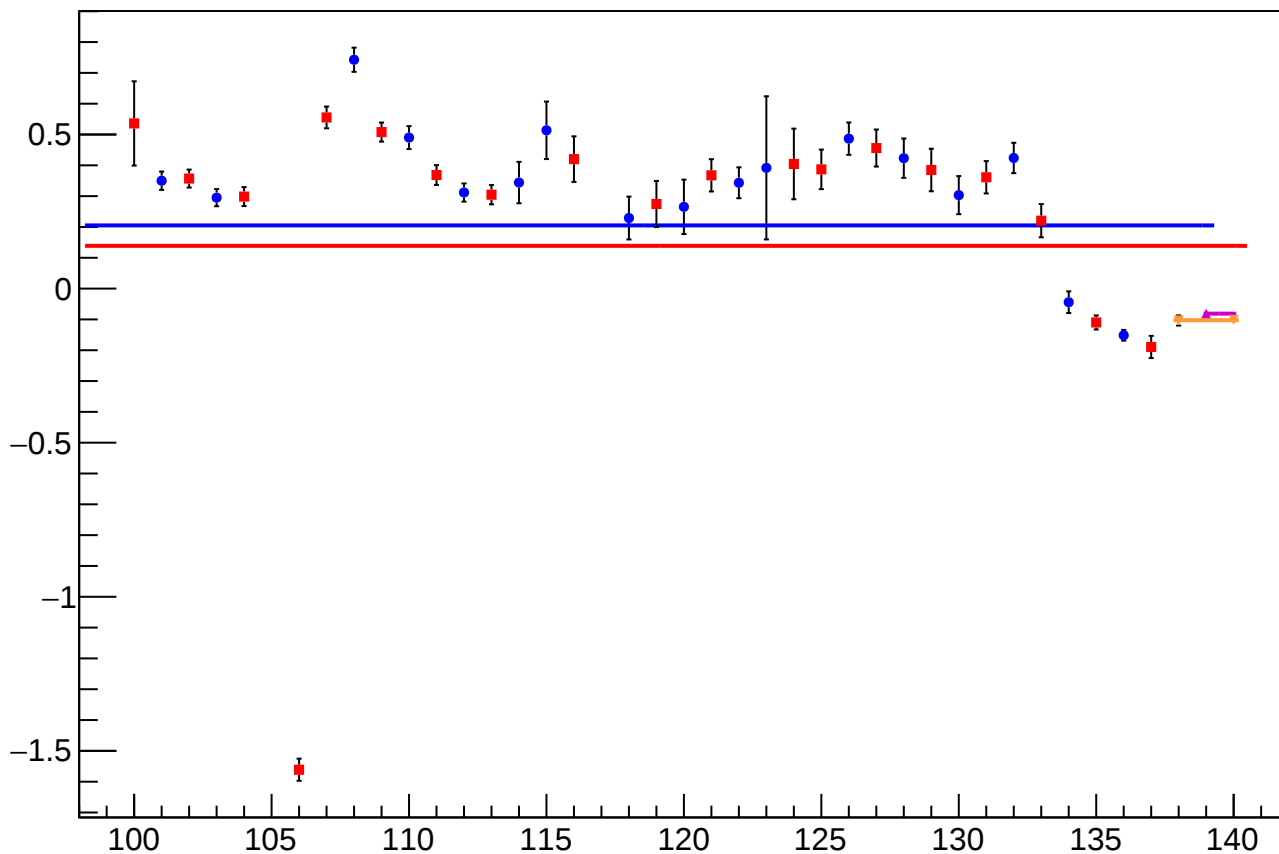
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 14.415 $\pm$ 0.167 χ^2 /NDF:7468.4/17

Out: 17.016 $\pm$ 0.143 χ^2 /NDF:9156.1/20

All: 15.913 $\pm$ 0.109 χ^2 /NDF: 16763.9/38

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.103 $\pm$ 0.011 χ^2 /NDF: 0.0/1

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.081 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left: -0.095 $\pm$ 0.009 χ^2 /NDF: 1.3/2

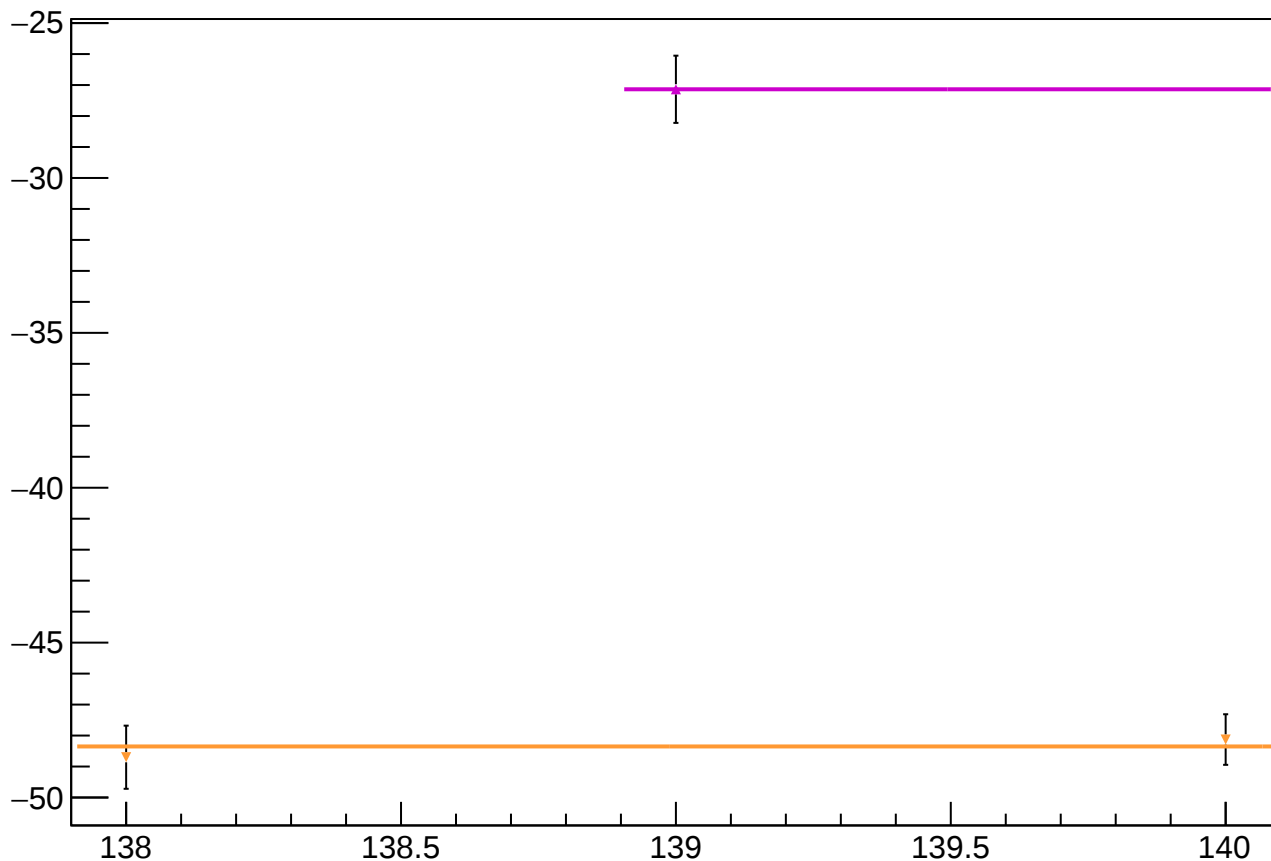
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.125 $\pm$ 0.008 χ^2 /NDF: 1108.3/17

Out: 0.041 $\pm$ 0.007 χ^2 /NDF: 3296.3/20

All: 0.078 $\pm$ 0.005 χ^2 /NDF: 4467.1/38

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: -48.352+/-0.637 χ^2/NDF : 0.2/1

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

Left In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Left: -42.911+/-0.549 χ^2/NDF : 284.4/2

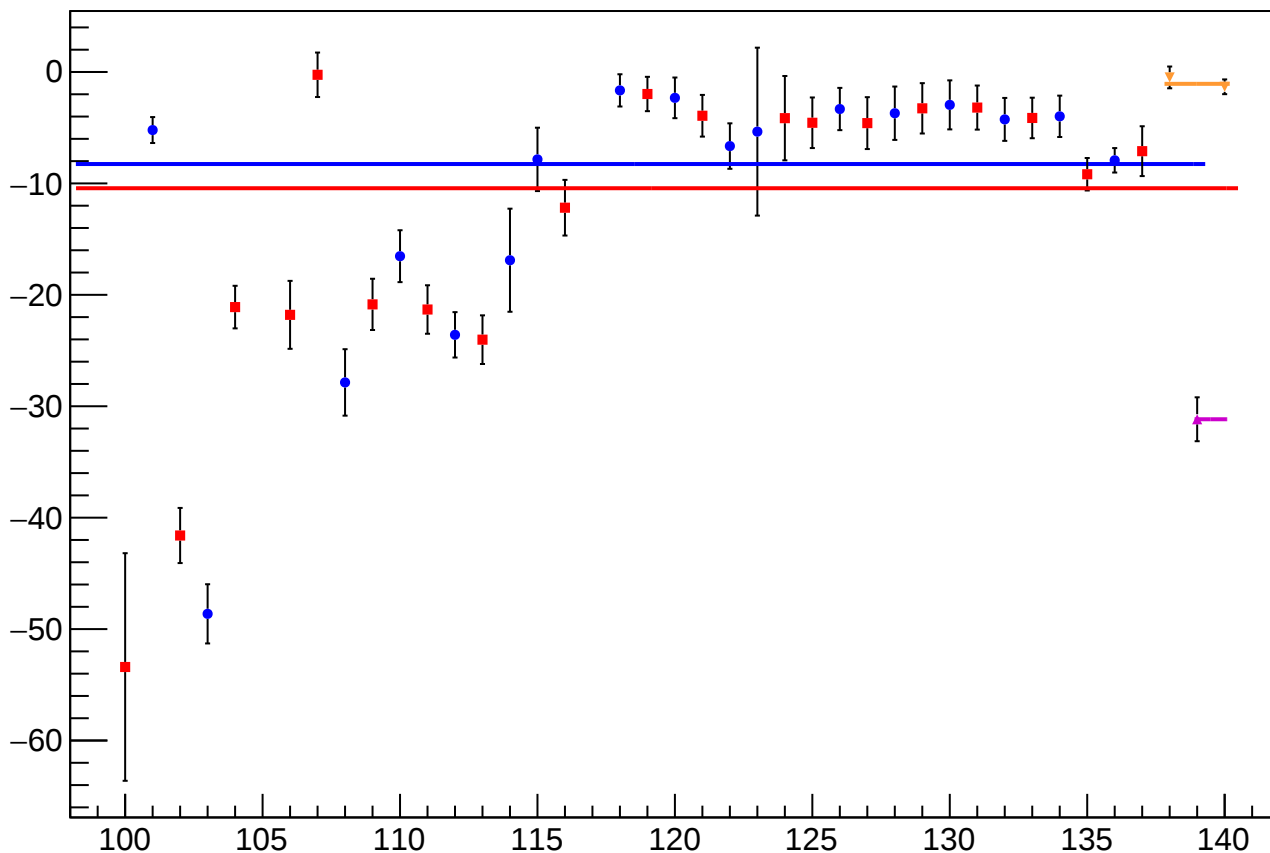
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Out: -48.352+/-0.637 χ^2/NDF : 0.2/1

All: -42.911+/-0.549 χ^2/NDF : 284.4/2

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: -1.064 ± 0.548 χ^2/NDF : 0.5/1

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -31.167 ± 1.970 χ^2/NDF : 0.0/0

Left: -3.225 ± 0.528 χ^2/NDF : 217.2/2

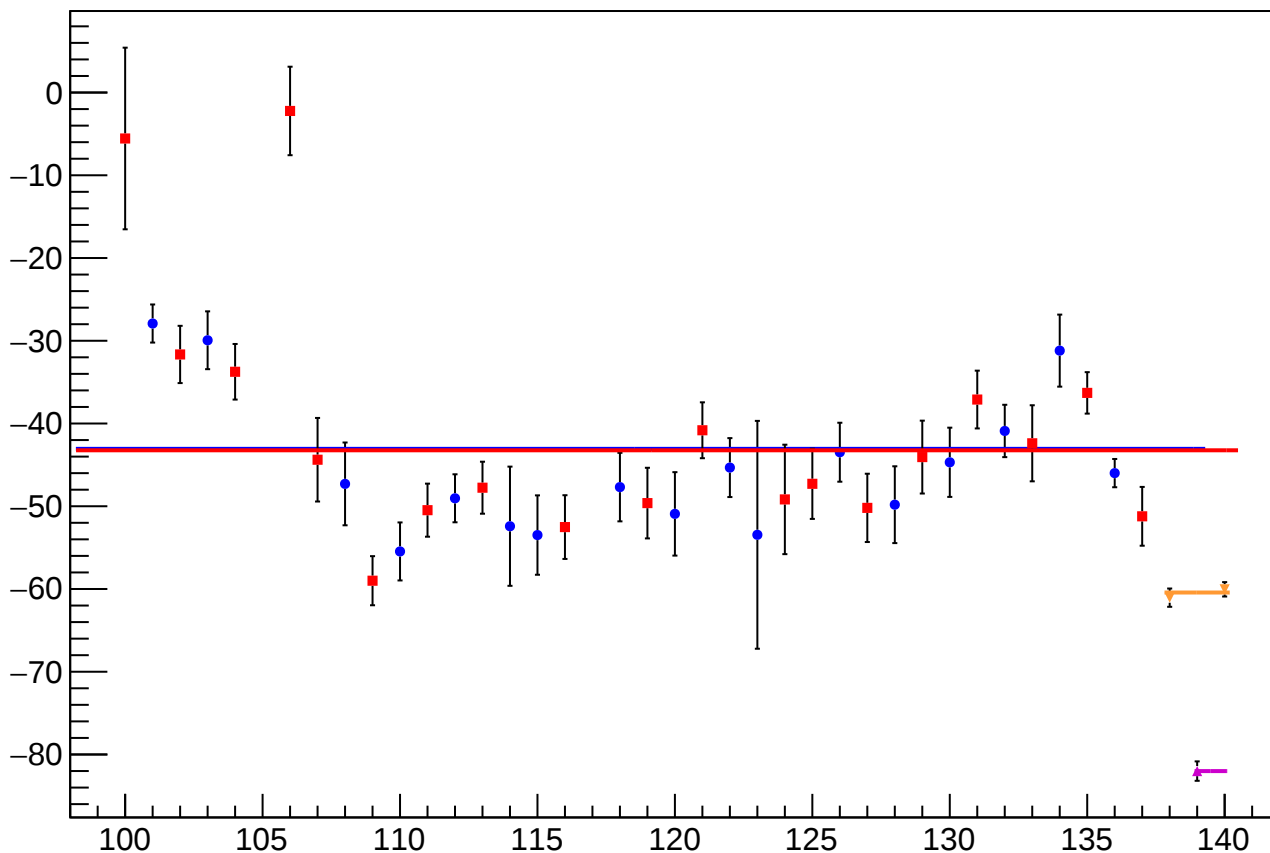
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -9.458 ± 0.450 χ^2/NDF : 540.0/17

Out: -6.264 ± 0.365 χ^2/NDF : 591.5/20

All: -7.532 ± 0.284 χ^2/NDF : 1161.8/38

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -60.425 ± 0.683 χ^2/NDF : 0.5/1

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -82.007 ± 1.174 χ^2/NDF : 0.0/0

Left: -65.887 ± 0.590 χ^2/NDF : 253.1/2

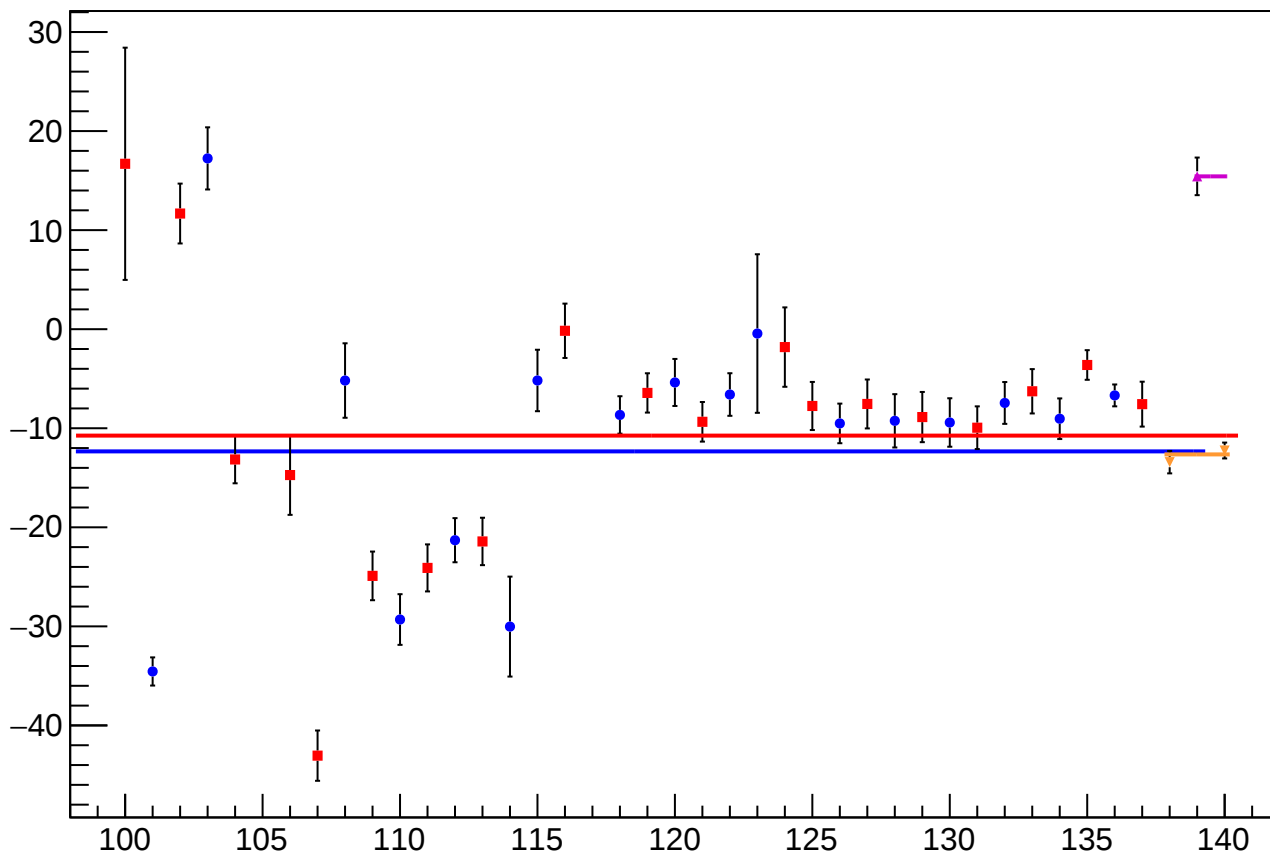
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -56.160 ± 0.681 χ^2/NDF : 829.9/17

Out: -53.833 ± 0.536 χ^2/NDF : 397.5/20

All: -54.724 ± 0.421 χ^2/NDF : 1234.7/38

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: -12.640 ± 0.654 χ^2/NDF : 0.7/1

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: 15.428 ± 1.898 χ^2/NDF : 0.0/0

Left: -9.664 ± 0.618 χ^2/NDF : 196.2/2

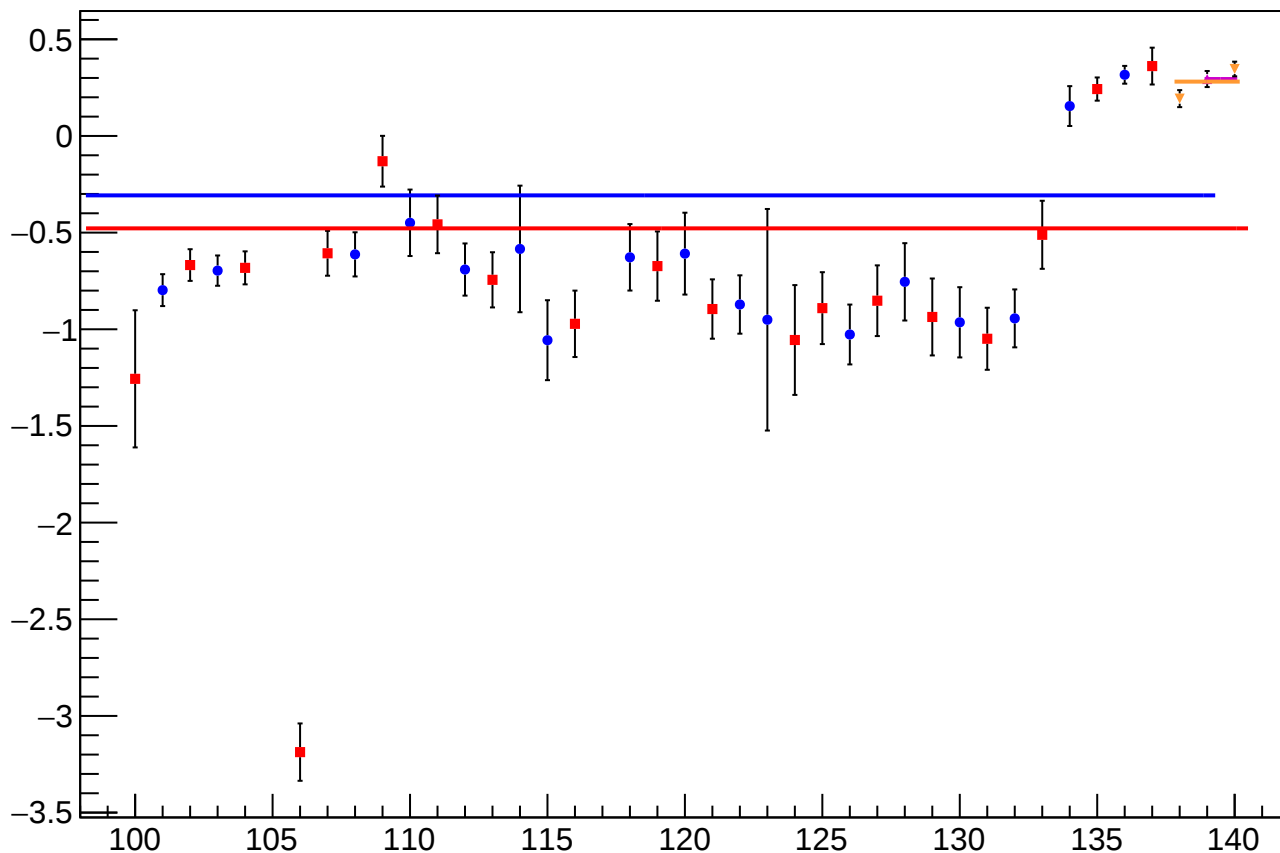
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -10.395 ± 0.502 χ^2/NDF : 674.1/17

Out: -11.535 ± 0.422 χ^2/NDF : 372.5/20

All: -11.062 ± 0.323 χ^2/NDF : 1049.7/38

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: 0.281 ± 0.029 χ^2/NDF : 7.0/1

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.294 ± 0.042 χ^2/NDF : 0.0/0

Left: 0.285 ± 0.024 χ^2/NDF : 7.0/2

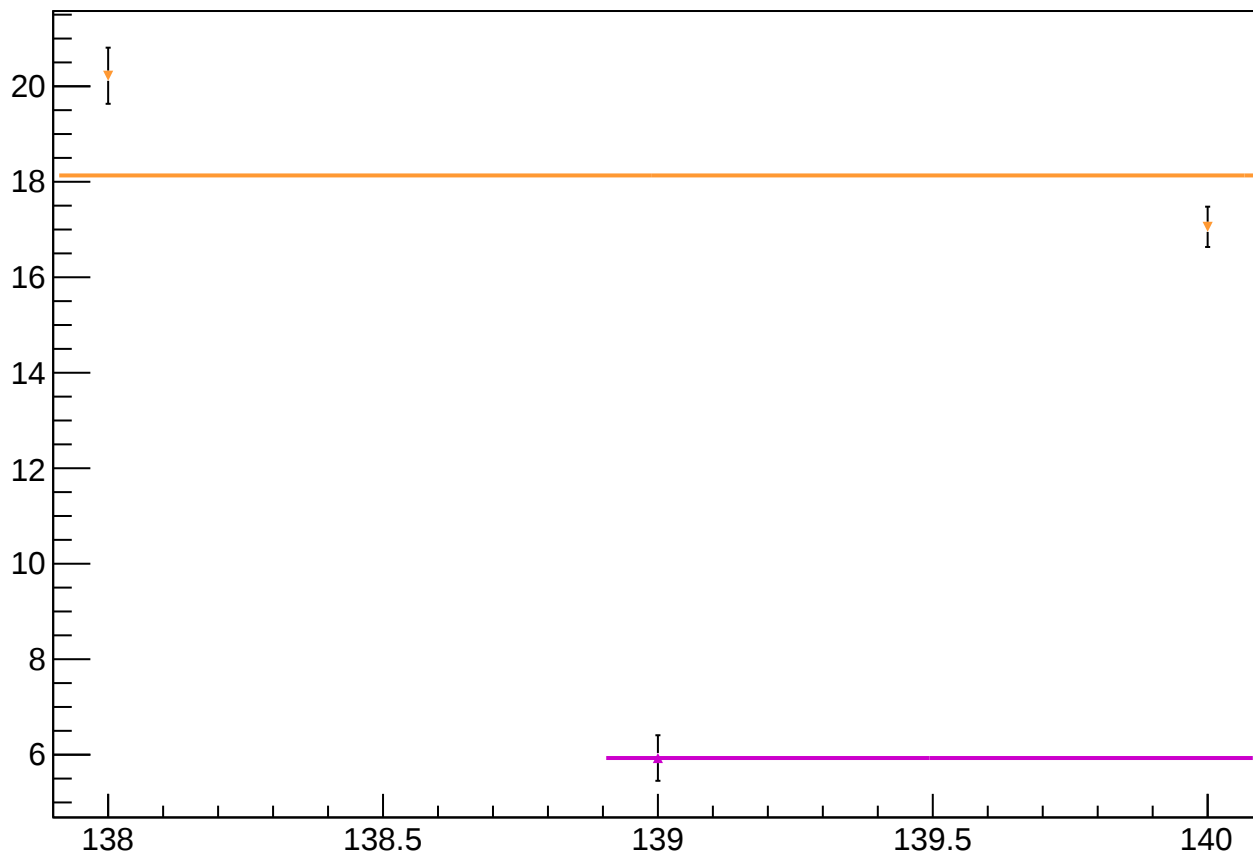
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: -0.124 ± 0.023 χ^2/NDF : 518.0/17

Out: -0.101 ± 0.020 χ^2/NDF : 989.8/20

All: -0.111 ± 0.015 χ^2/NDF : 1508.4/38

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 18.133+/-0.343 χ^2 /NDF:19.1/1

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

Left In: 5.931+/-0.477 χ^2 /NDF:0.0/0

Left: 13.978+/-0.278 χ^2 /NDF: 450.6/2

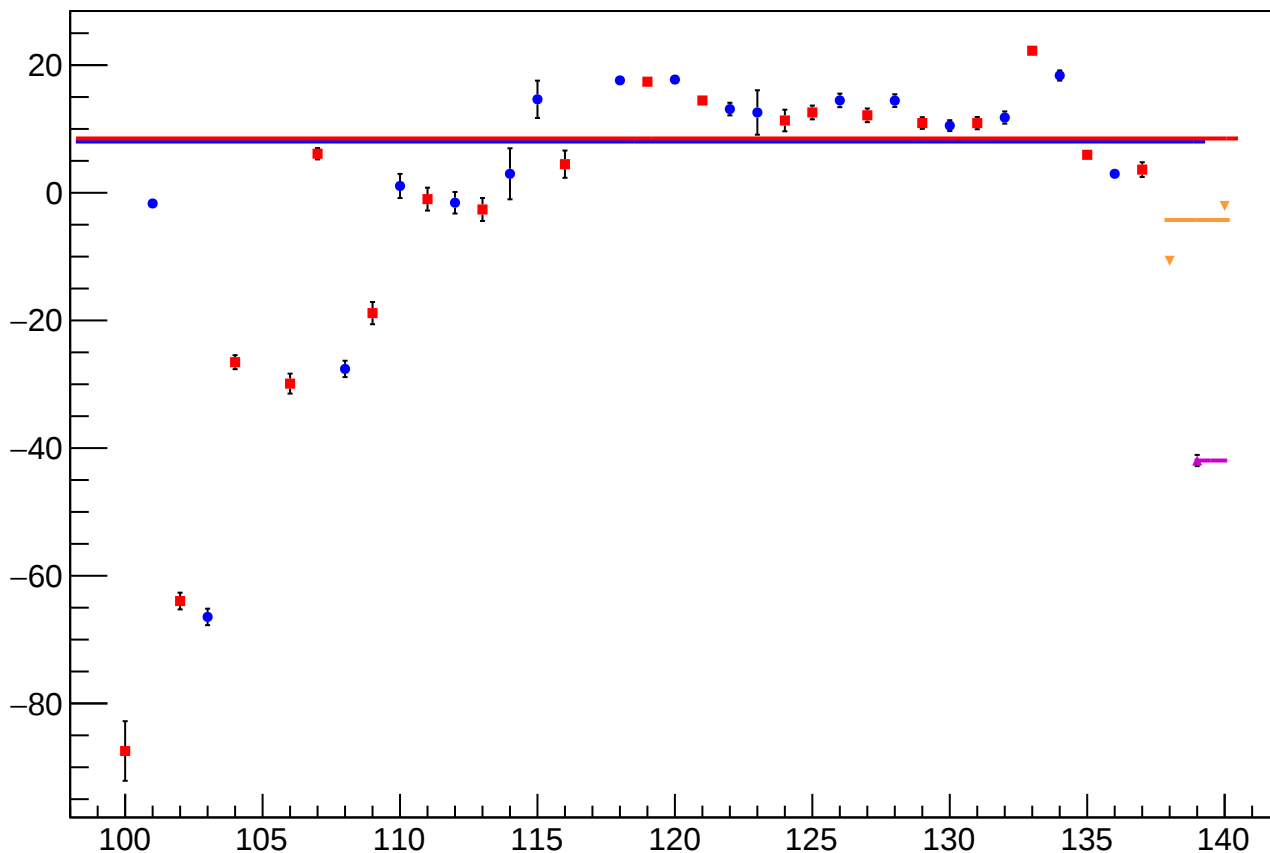
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 5.931+/-0.477 χ^2 /NDF:0.0/0

Out: 18.133+/-0.343 χ^2 /NDF:19.1/1

All: 13.978+/-0.278 χ^2 /NDF: 450.6/2

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: -4.259+/-0.302 χ^2/NDF :154.3/1

Right Out: 8.508+/-0.213 χ^2/NDF : 6713.4/18

Left In: -41.945+/-0.880 χ^2/NDF :0.0/0

Left: -8.222+/-0.285 χ^2/NDF : 1797.0/2

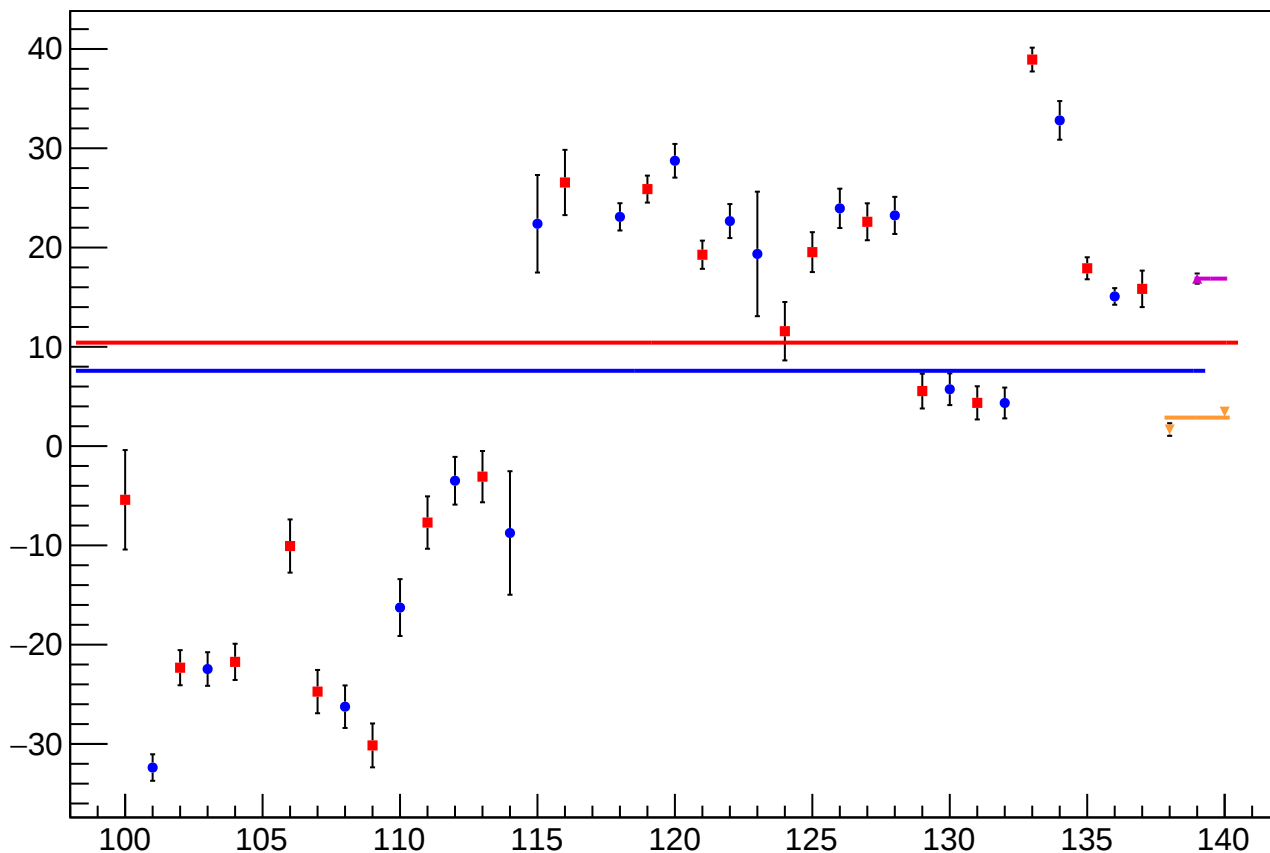
Right: 8.274+/-0.151 χ^2/NDF : 12086.1/35

In: 5.209+/-0.209 χ^2/NDF :8416.5/17

Out: 4.260+/-0.174 χ^2/NDF :8063.8/20

All: 4.648+/-0.134 χ^2/NDF : 16492.4/38

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: 2.871 ± 0.367 χ^2/NDF : 5.3/1

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 16.871 ± 0.515 χ^2/NDF : 0.0/0

Left: 7.598 ± 0.299 χ^2/NDF : 495.5/2

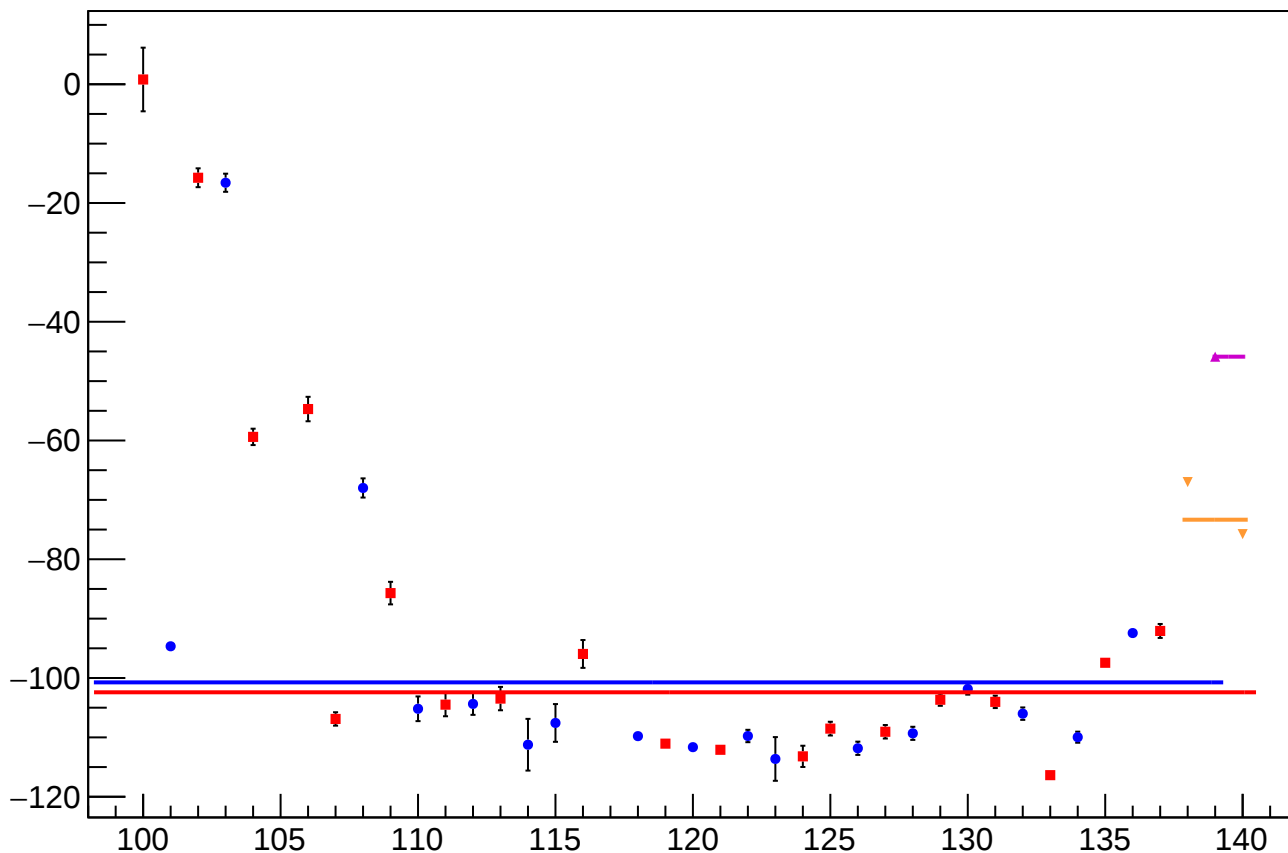
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 11.258 ± 0.324 χ^2/NDF : 2519.5/17

Out: 6.180 ± 0.275 χ^2/NDF : 2479.9/20

All: 8.312 ± 0.210 χ^2/NDF : 5142.2/38

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -73.339+/-0.358 χ^2/NDF :119.9/1

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -45.881+/-0.849 χ^2/NDF :0.0/0

Left: -69.184+/-0.330 χ^2/NDF : 1008.6/2

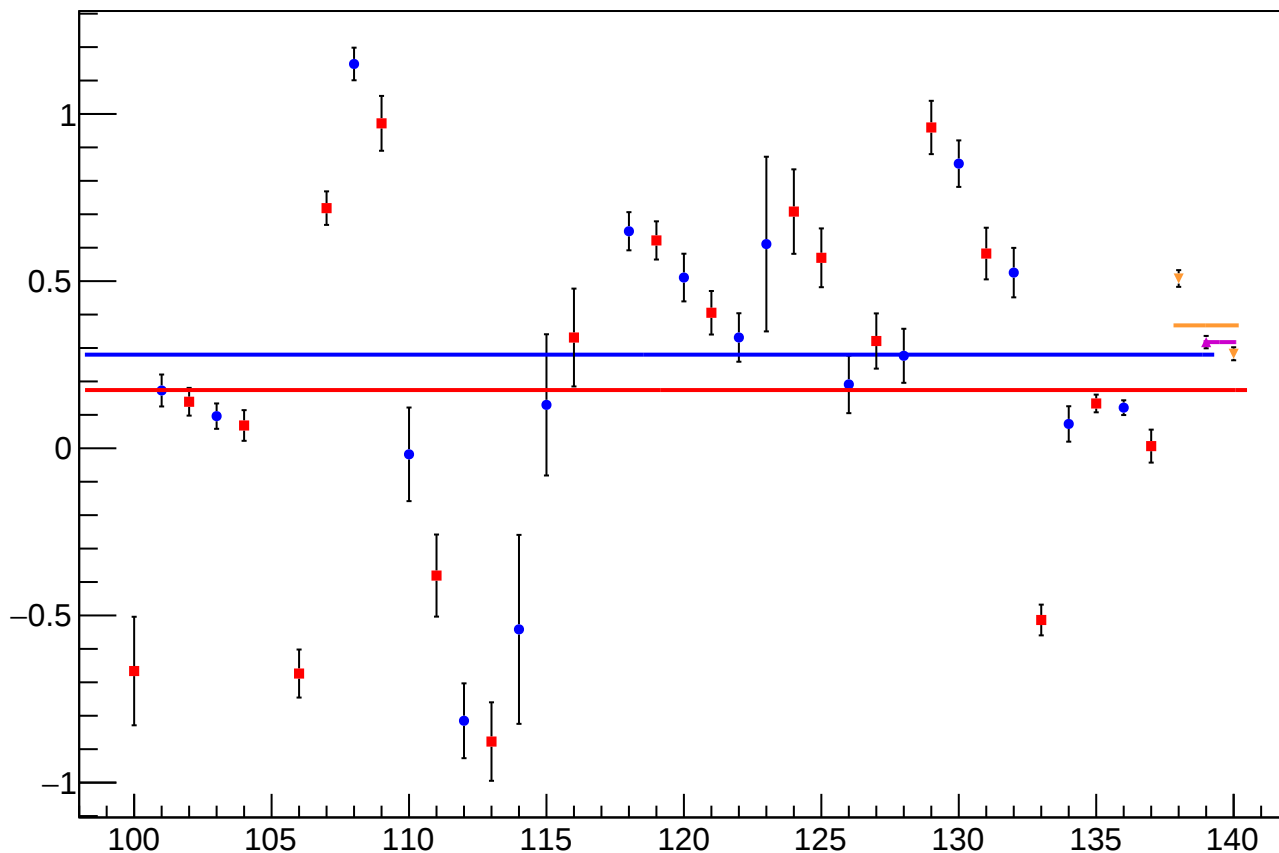
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -96.409+/-0.238 χ^2/NDF :8370.3/17

Out: -93.103+/-0.203 χ^2/NDF :10682.9/20

All: -94.491+/-0.154 χ^2/NDF : 19164.8/38

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.368 $\pm$ 0.015 χ^2 /NDF:50.4/1

Right Out: 0.174 $\pm$ 0.013 χ^2 /NDF: 964.1/18

Left In: 0.318 $\pm$ 0.019 χ^2 /NDF:0.0/0

Left: 0.347 $\pm$ 0.012 χ^2 /NDF: 54.8/2

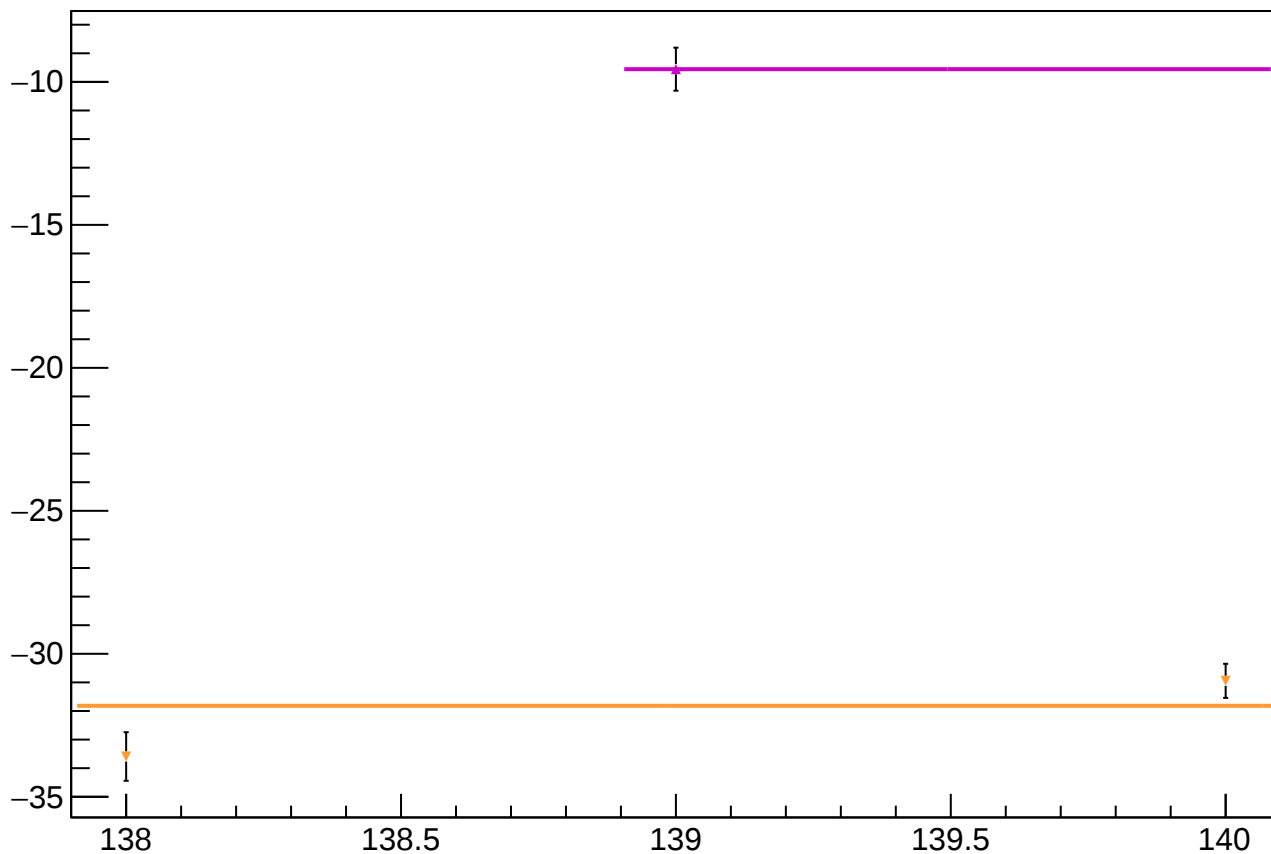
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1651.4/35

In: 0.293 $\pm$ 0.011 χ^2 /NDF:659.0/17

Out: 0.258 $\pm$ 0.010 χ^2 /NDF:1104.4/20

All: 0.274 $\pm$ 0.007 χ^2 /NDF: 1768.9/38

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: -31.818+/-0.488 χ^2 /NDF:6.5/1

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

Left In: -9.555+/-0.752 χ^2 /NDF:0.0/0

Left: -25.225+/-0.409 χ^2 /NDF: 623.2/2

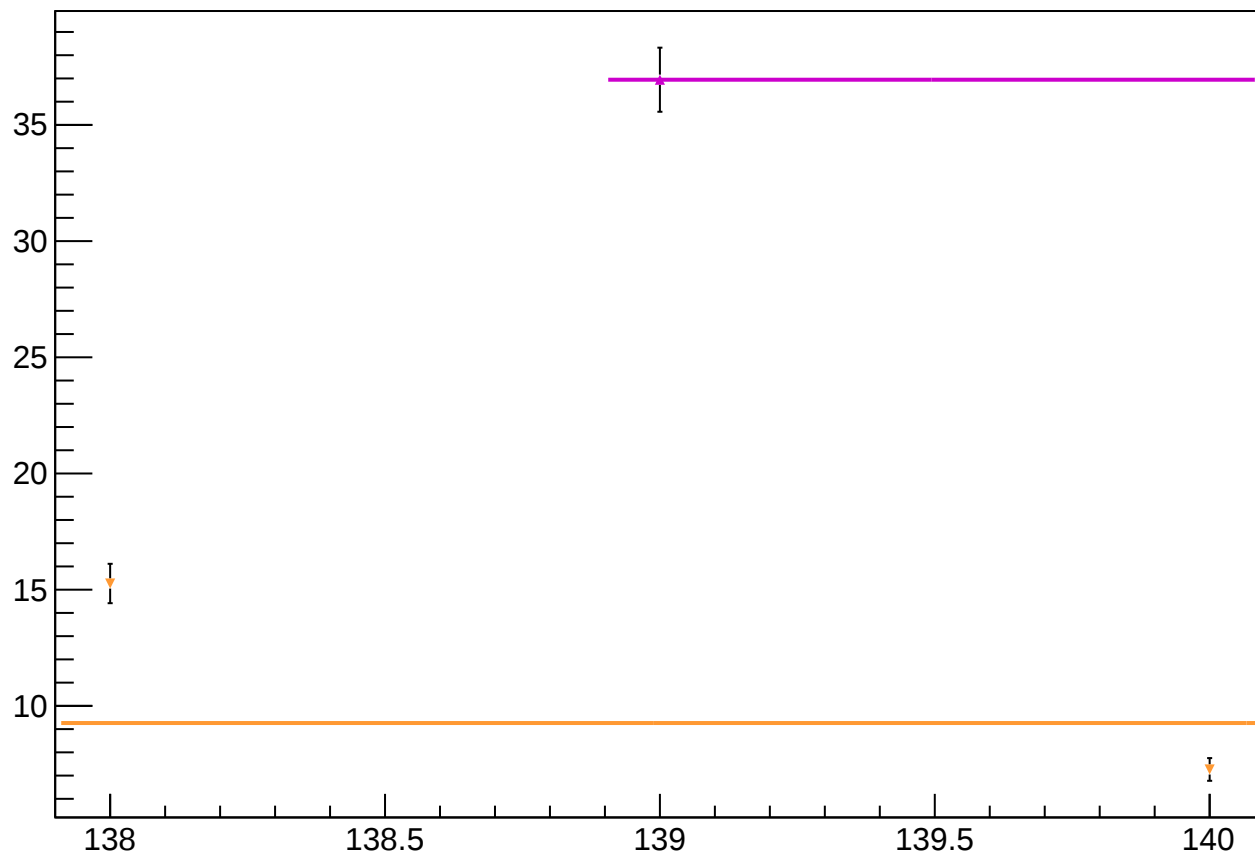
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -9.555+/-0.752 χ^2 /NDF:0.0/0

Out: -31.818+/-0.488 χ^2 /NDF:6.5/1

All: -25.225+/-0.409 χ^2 /NDF: 623.2/2

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: 9.262+/-0.423 χ^2/NDF :66.9/1

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

Left In: 36.945+/-1.379 χ^2/NDF :0.0/0

Left: 11.645+/-0.405 χ^2/NDF : 435.2/2

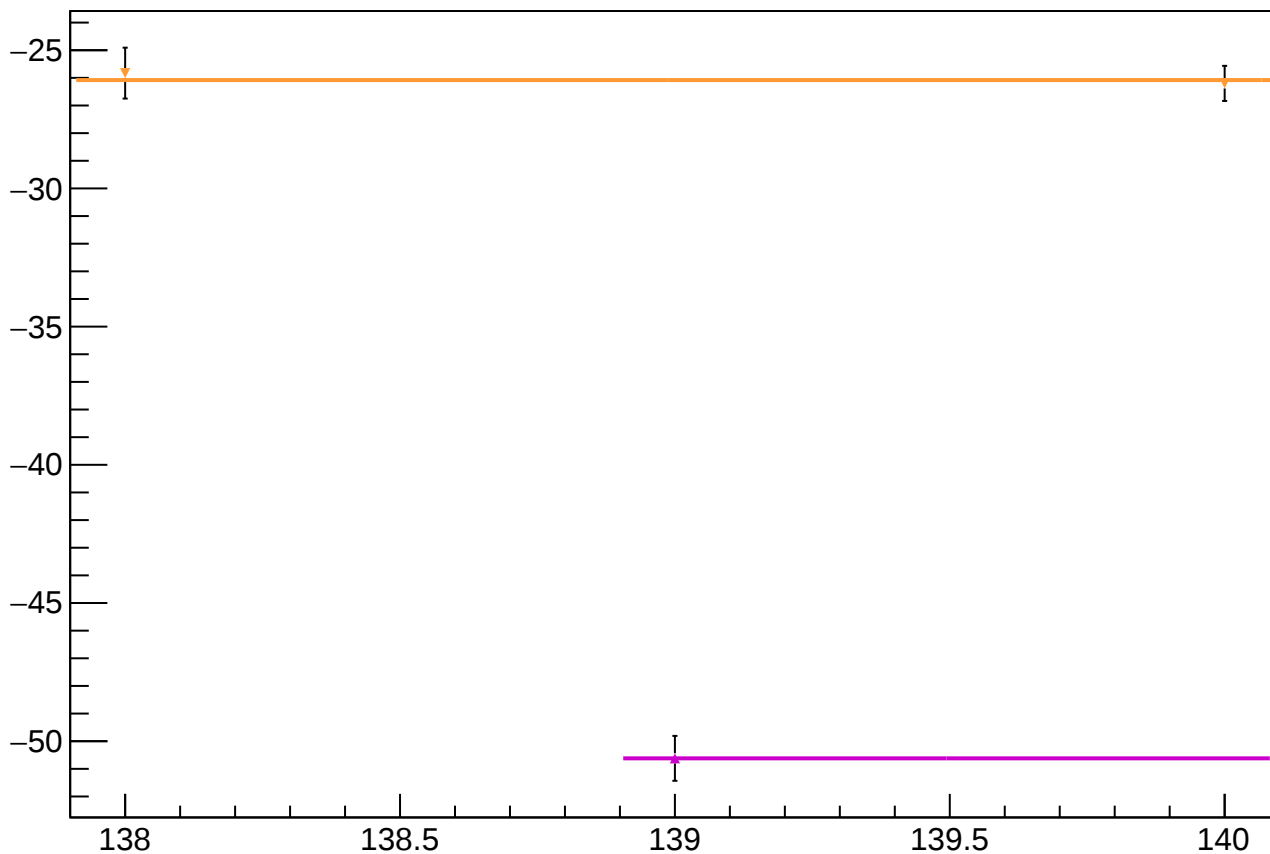
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.945+/-1.379 χ^2/NDF :0.0/0

Out: 9.262+/-0.423 χ^2/NDF :66.9/1

All: 11.645+/-0.405 χ^2/NDF : 435.2/2

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -26.080 $\pm$ 0.523 χ^2/NDF : 0.1/1

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

Left In: -50.620 $\pm$ 0.812 χ^2/NDF : 0.0/0

Left: -33.268 $\pm$ 0.440 χ^2/NDF : 645.7/2

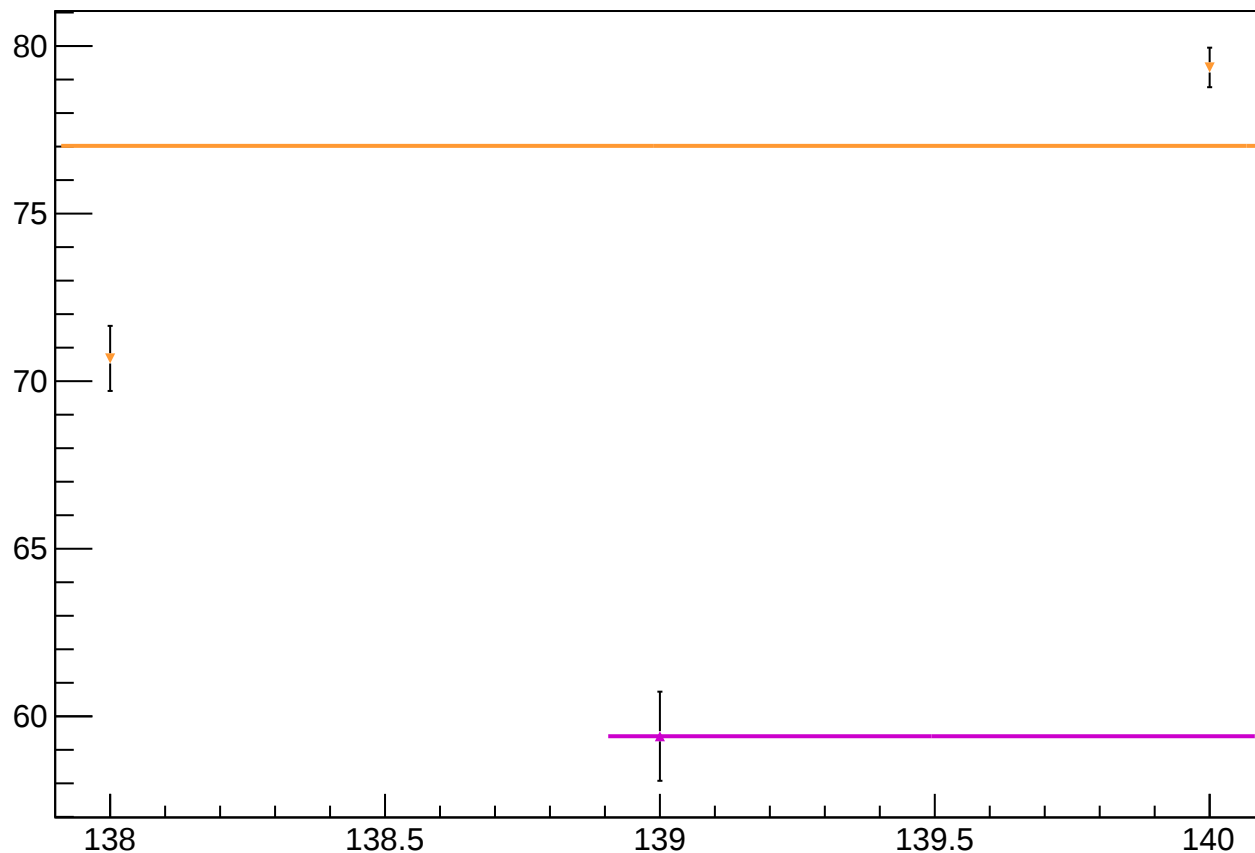
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -50.620 $\pm$ 0.812 χ^2/NDF : 0.0/0

Out: -26.080 $\pm$ 0.523 χ^2/NDF : 0.1/1

All: -33.268 $\pm$ 0.440 χ^2/NDF : 645.7/2

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: 77.021+/-0.504 χ^2/NDF :58.4/1

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

Left In: 59.406+/-1.330 χ^2/NDF :0.0/0

Left: 74.808+/-0.471 χ^2/NDF : 211.9/2

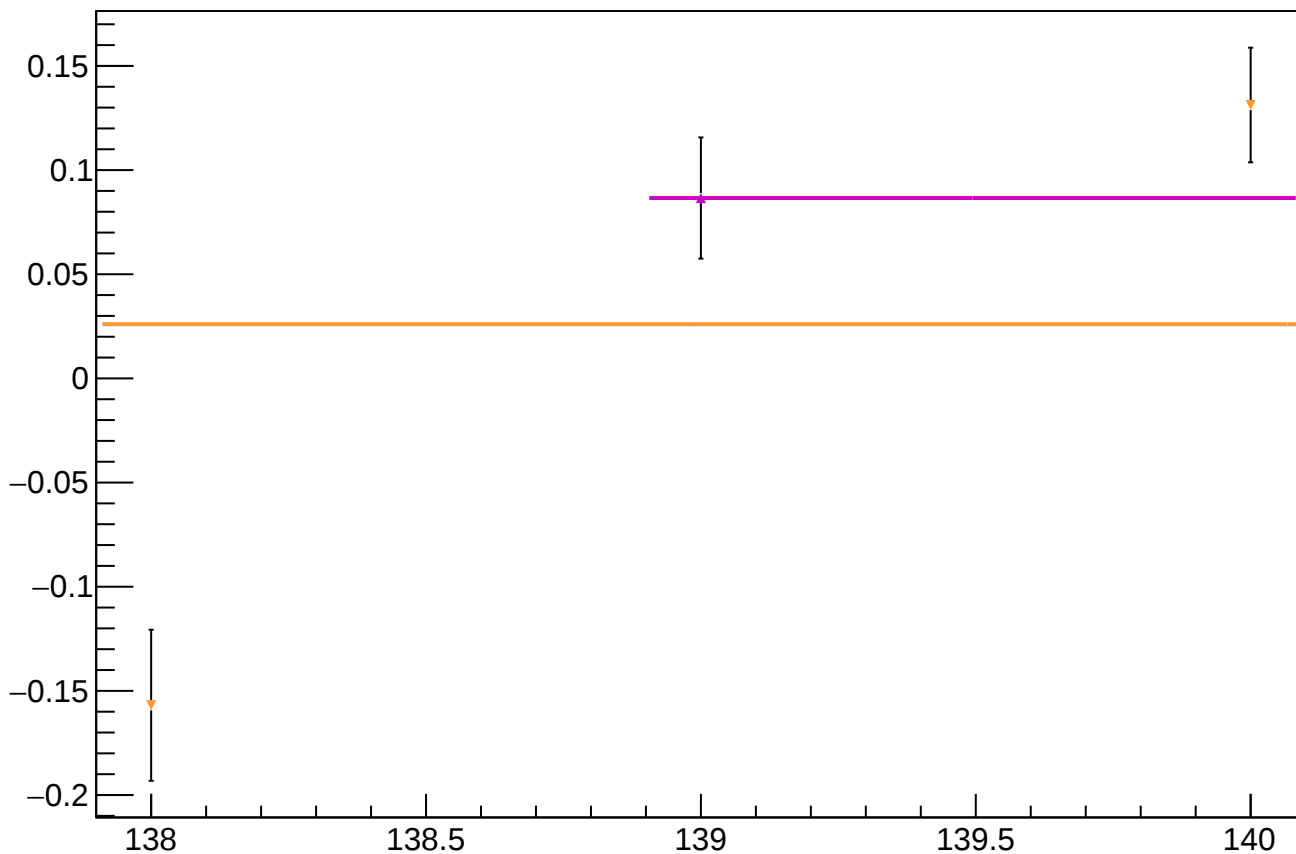
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.406+/-1.330 χ^2/NDF :0.0/0

Out: 77.021+/-0.504 χ^2/NDF :58.4/1

All: 74.808+/-0.471 χ^2/NDF : 211.9/2

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: 0.026+/-0.022 χ^2/NDF : 40.1/1

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

Left In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Left: 0.048+/-0.018 χ^2/NDF : 42.8/2

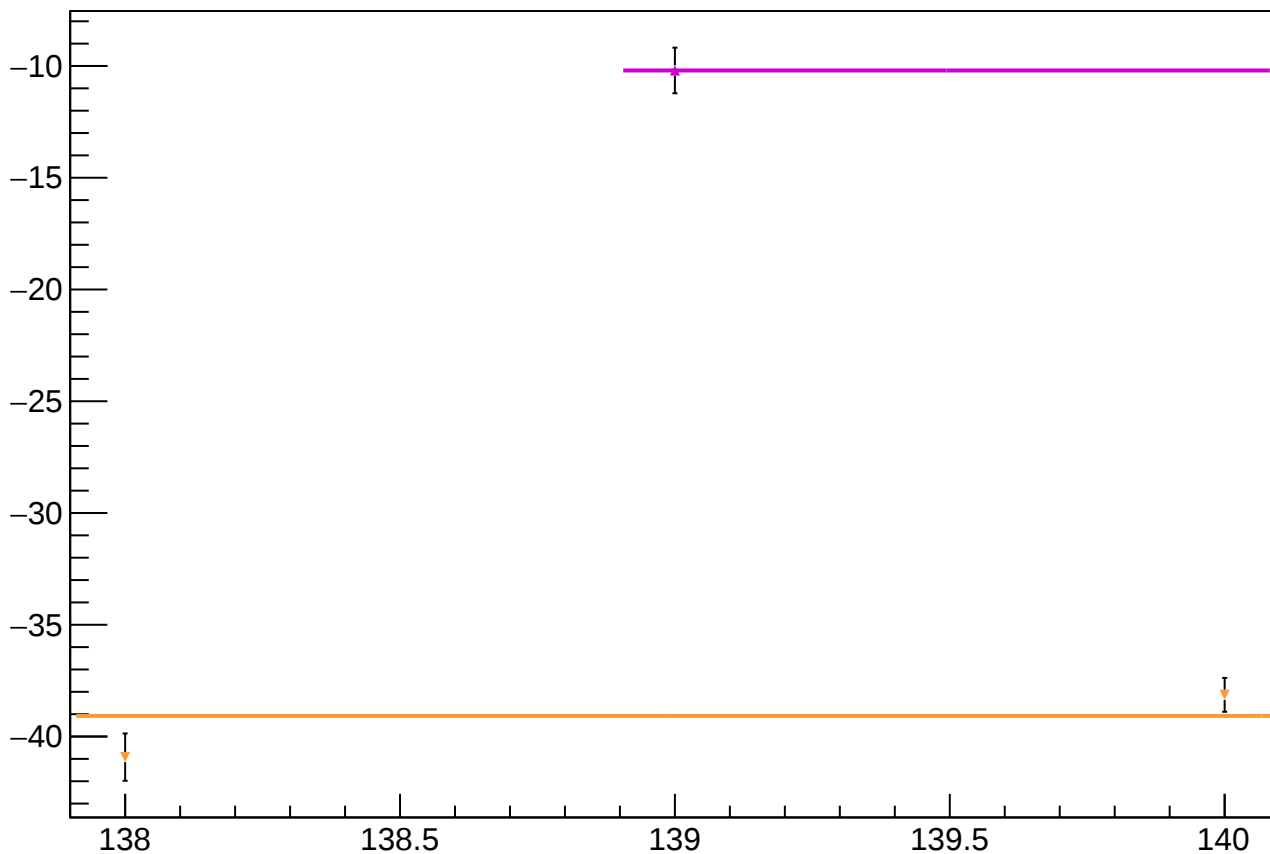
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Out: 0.026+/-0.022 χ^2/NDF : 40.1/1

All: 0.048+/-0.018 χ^2/NDF : 42.8/2

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -39.077+/-0.616 χ^2/NDF : 4.6/1

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

Left In: -10.201+/-1.020 χ^2/NDF : 0.0/0

Left: -31.367+/-0.527 χ^2/NDF : 592.0/2

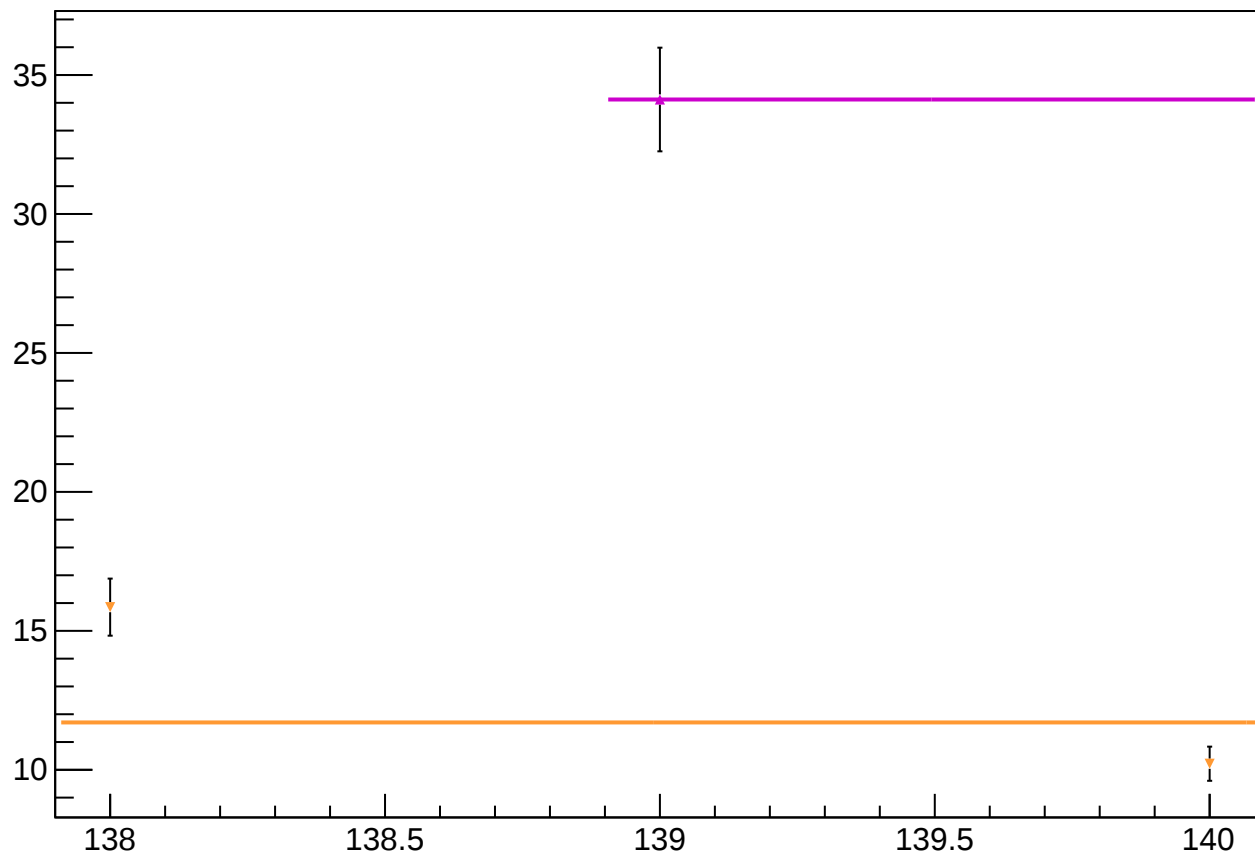
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.201+/-1.020 χ^2/NDF : 0.0/0

Out: -39.077+/-0.616 χ^2/NDF : 4.6/1

All: -31.367+/-0.527 χ^2/NDF : 592.0/2

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: 11.705+/-0.527 χ^2/NDF :22.2/1

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

Left In: 34.119+/-1.865 χ^2/NDF :0.0/0

Left: 13.364+/-0.507 χ^2/NDF : 155.9/2

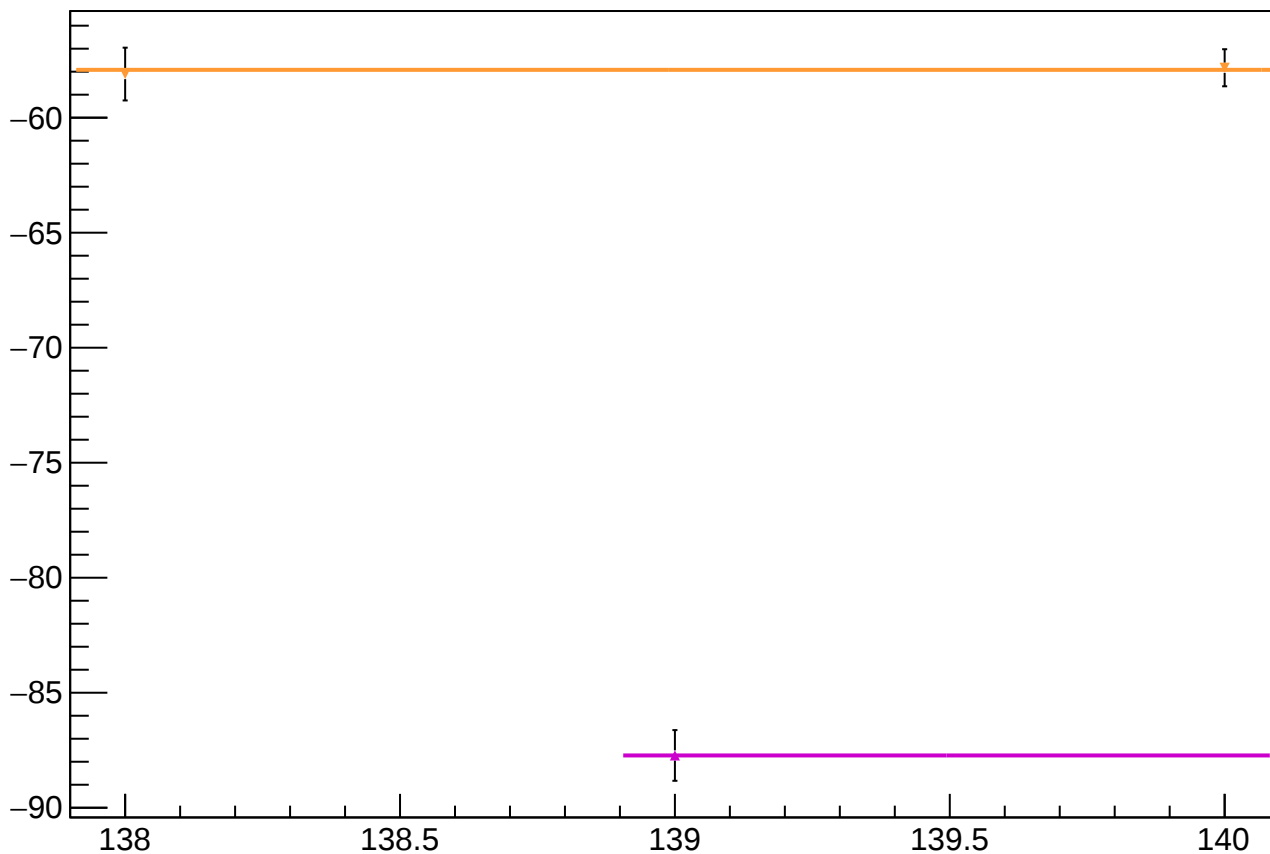
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.119+/-1.865 χ^2/NDF :0.0/0

Out: 11.705+/-0.527 χ^2/NDF :22.2/1

All: 13.364+/-0.507 χ^2/NDF : 155.9/2

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: -57.920+/-0.659 χ^2/NDF : 0.0/1

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

Left In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Left: -65.779+/-0.566 χ^2/NDF : 538.6/2

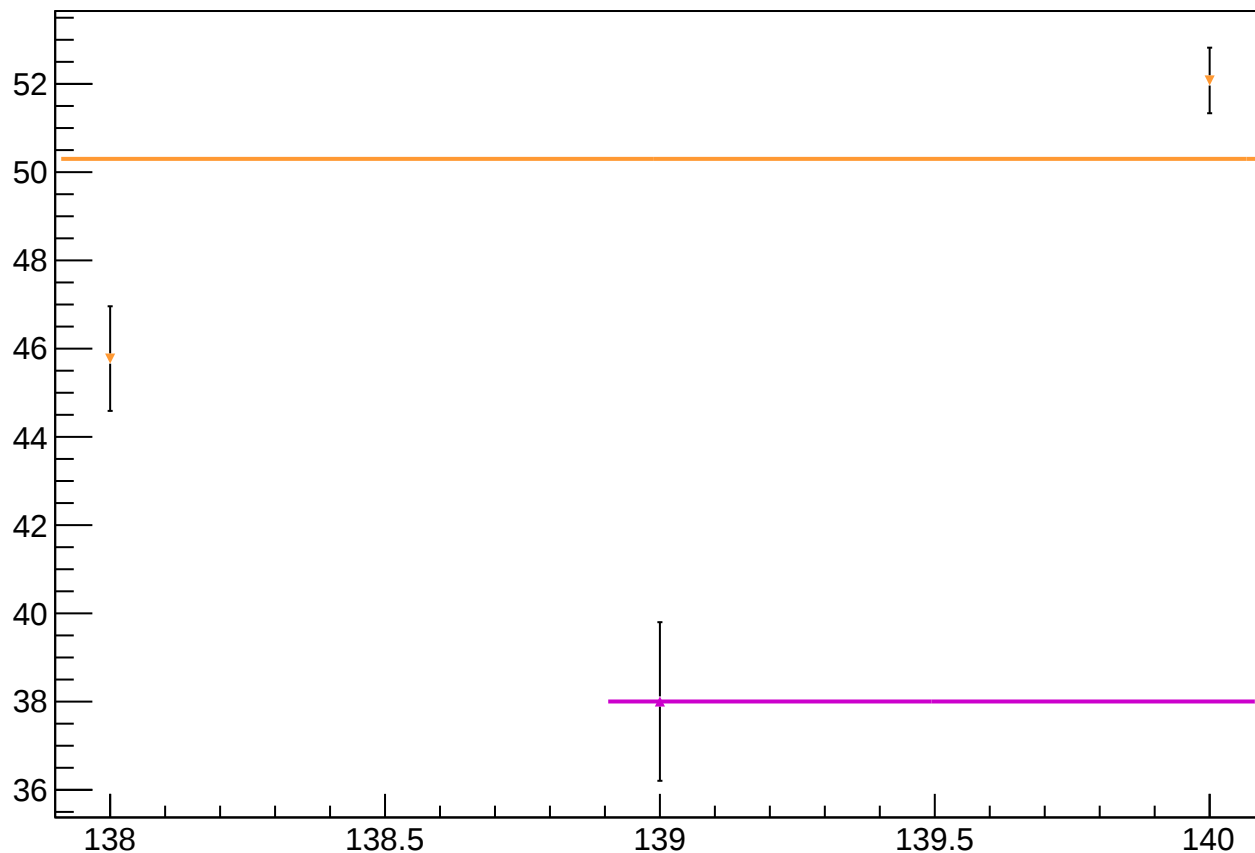
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Out: -57.920+/-0.659 χ^2/NDF : 0.0/1

All: -65.779+/-0.566 χ^2/NDF : 538.6/2

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: 50.301+/-0.630 χ^2/NDF :20.3/1

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

Left In: 38.003+/-1.798 χ^2/NDF :0.0/0

Left: 48.957+/-0.594 χ^2/NDF : 62.0/2

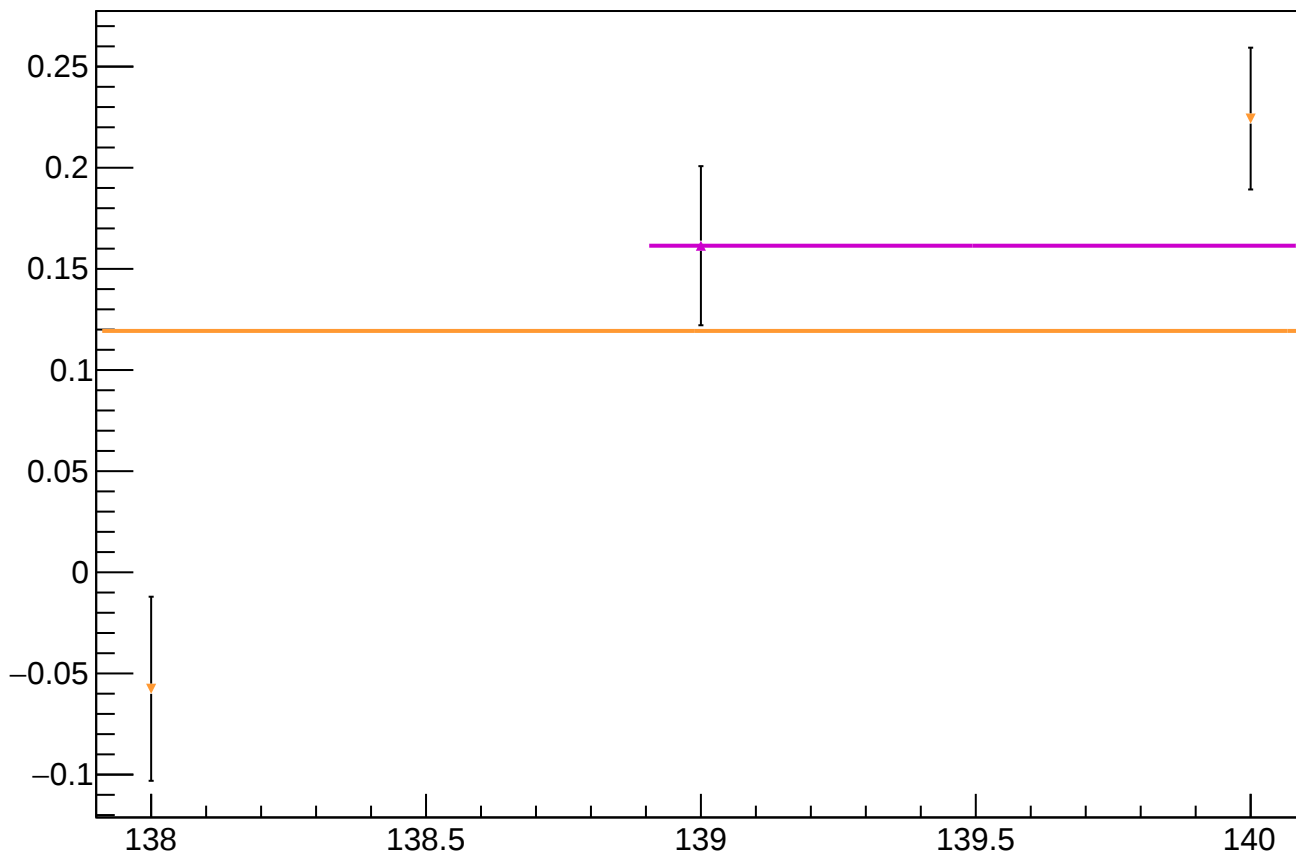
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.003+/-1.798 χ^2/NDF :0.0/0

Out: 50.301+/-0.630 χ^2/NDF :20.3/1

All: 48.957+/-0.594 χ^2/NDF : 62.0/2

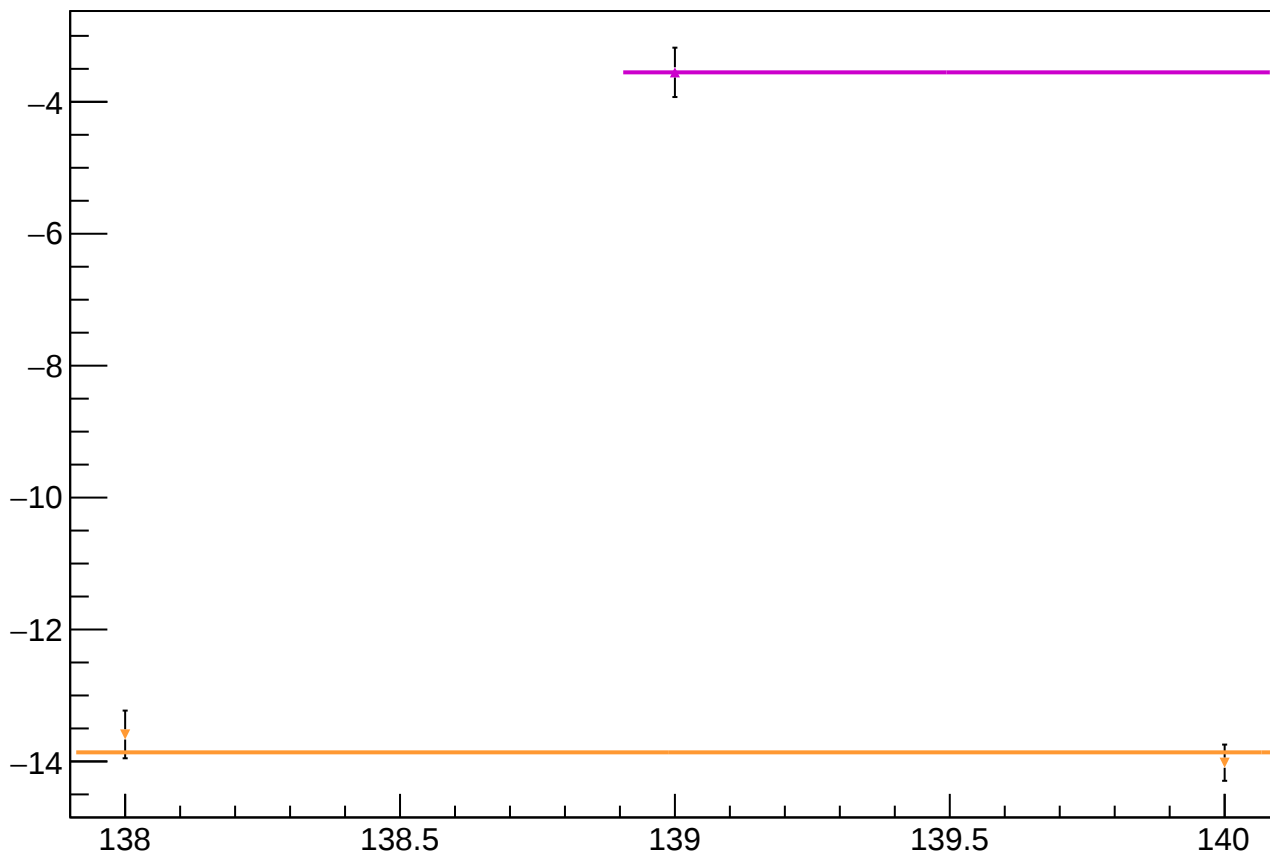
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.161+/-0.039 χ^2/NDF :0.0/0

Left: 0.133+/-0.023 χ^2/NDF : 24.9/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.161+/-0.039 χ^2/NDF :0.0/0
 Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 All: 0.133+/-0.023 χ^2/NDF : 24.9/2

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: -13.862+/-0.219 χ^2 /NDF: 0.9/1

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

Left In: -3.553+/-0.374 χ^2 /NDF: 0.0/0

Left: -11.238+/-0.189 χ^2 /NDF: 566.7/2

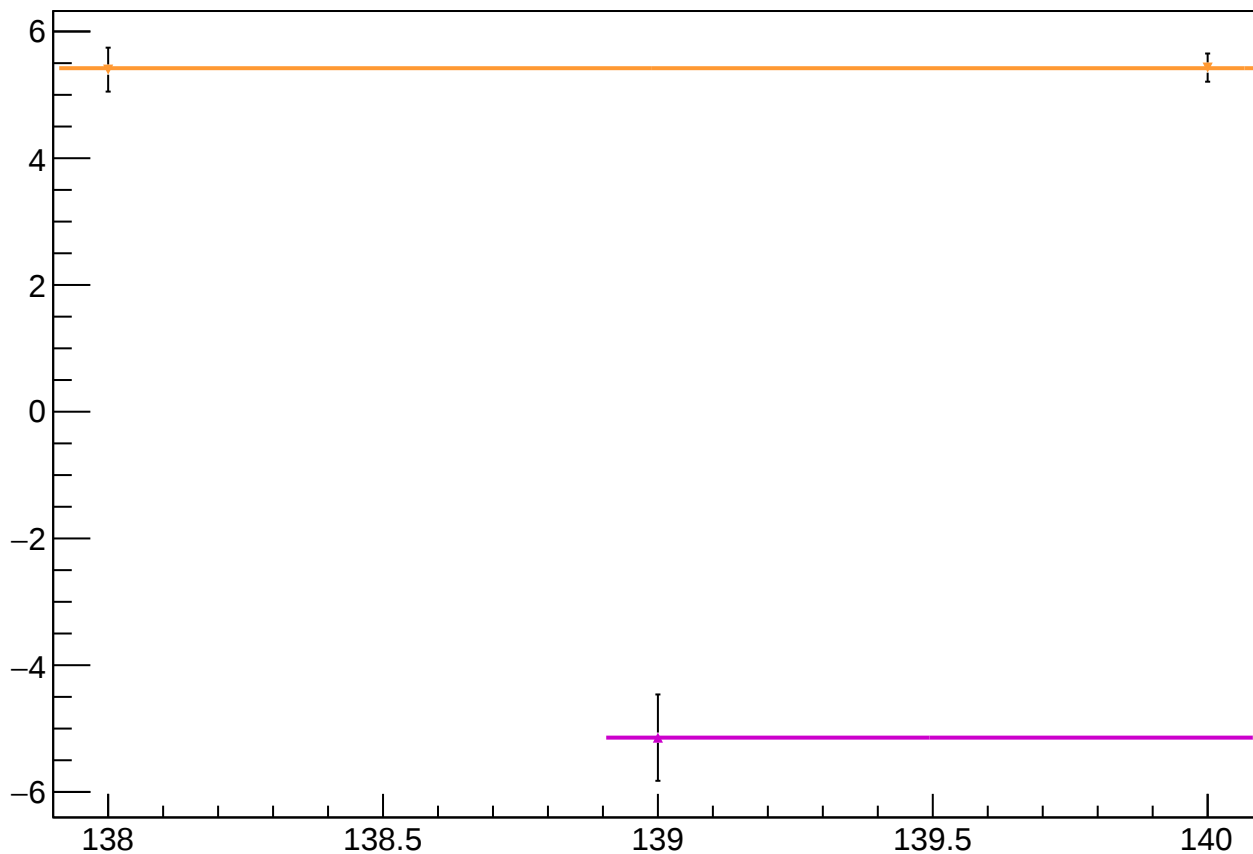
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -3.553+/-0.374 χ^2 /NDF: 0.0/0

Out: -13.862+/-0.219 χ^2 /NDF: 0.9/1

All: -11.238+/-0.189 χ^2 /NDF: 566.7/2

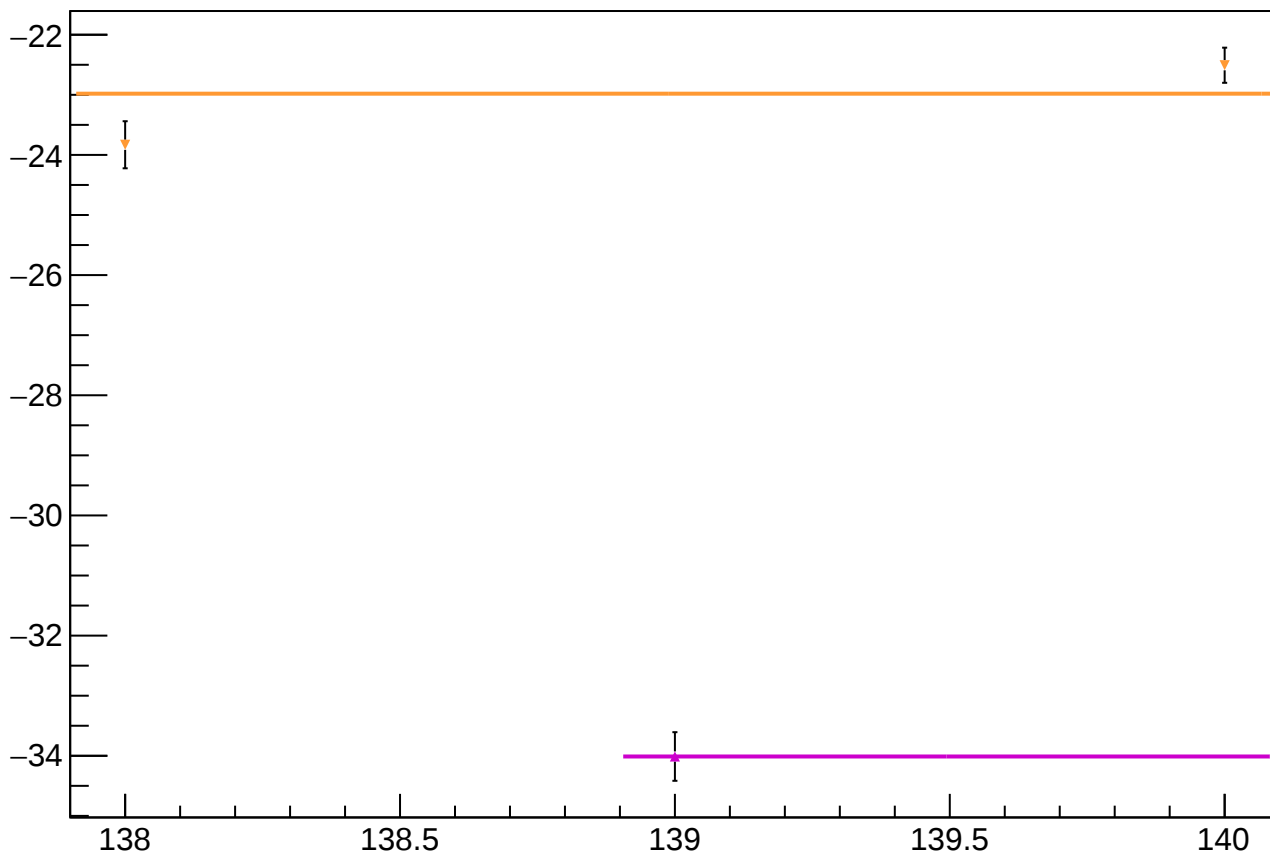
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.143 $\pm$ 0.681 χ^2 /NDF:0.0/0

Left: 4.679 $\pm$ 0.180 χ^2 /NDF: 223.6/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.143 $\pm$ 0.681 χ^2 /NDF:0.0/0
 Out: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1
 All: 4.679 $\pm$ 0.180 χ^2 /NDF: 223.6/2

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: -22.981+/-0.234 χ^2/NDF : 7.3/1

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

Left In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Left: -25.751+/-0.203 χ^2/NDF : 564.0/2

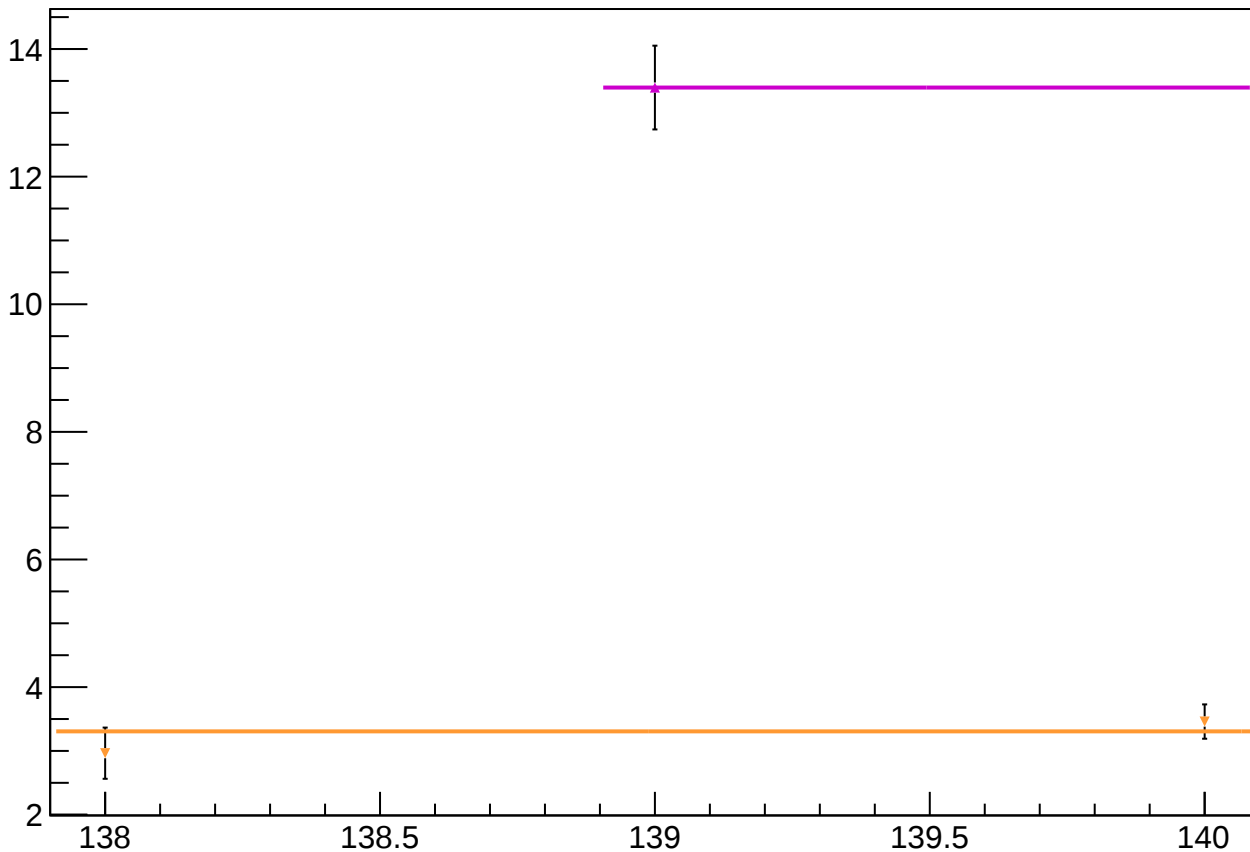
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Out: -22.981+/-0.234 χ^2/NDF : 7.3/1

All: -25.751+/-0.203 χ^2/NDF : 564.0/2

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 4.354±/-0.212 χ^2 /NDF: 212.8/2

Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: 13.396±/-0.656 χ^2 /NDF:0.0/0

Out: 3.306±/-0.223 χ^2 /NDF:1.1/1

All: 4.354±/-0.212 χ^2 /NDF: 212.8/2

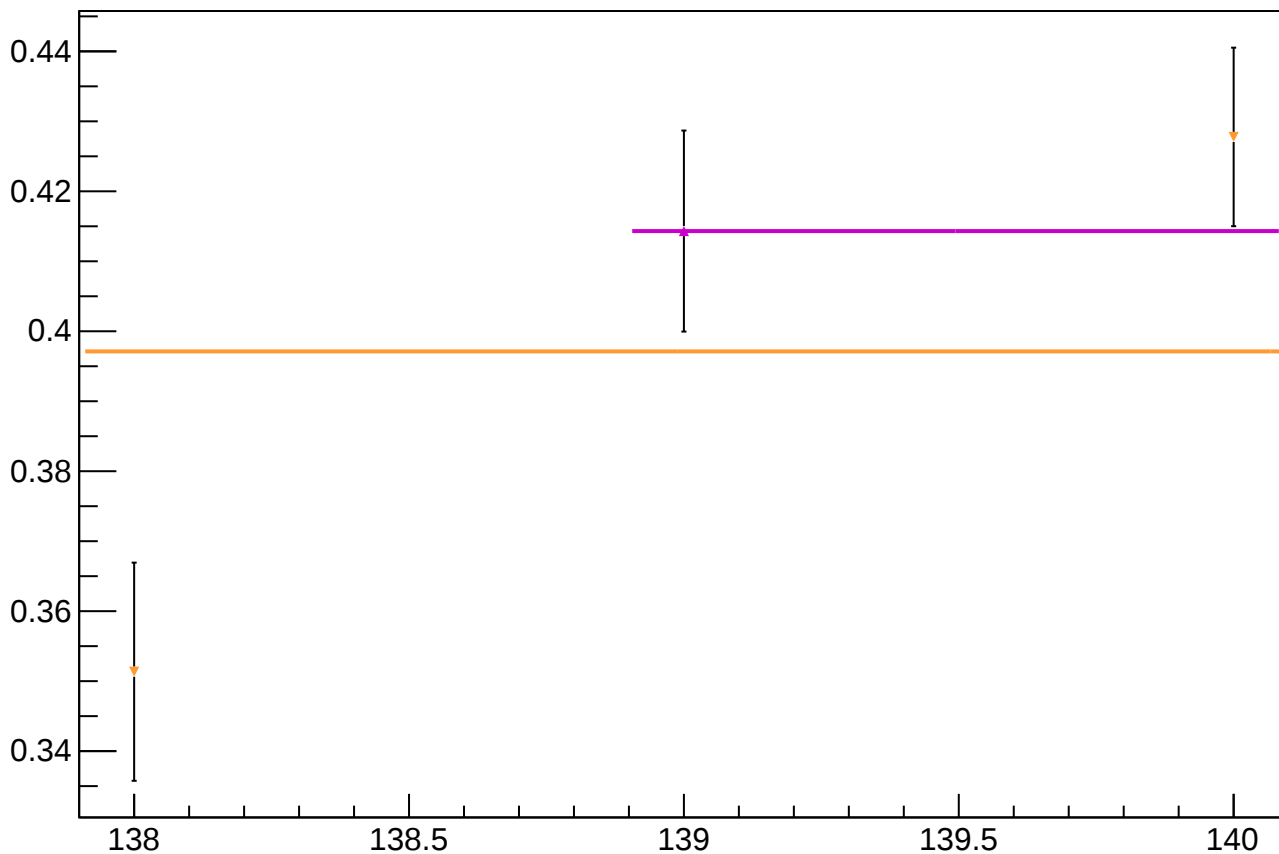
Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left Out: 3.306±/-0.223 χ^2 /NDF:1.1/1

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

Left In: 13.396±/-0.656 χ^2 /NDF:0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.397+/-0.010 χ^2/NDF :14.4/1

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

Left In: 0.414+/-0.014 χ^2/NDF :0.0/0

Left: 0.403+/-0.008 χ^2/NDF : 15.4/2

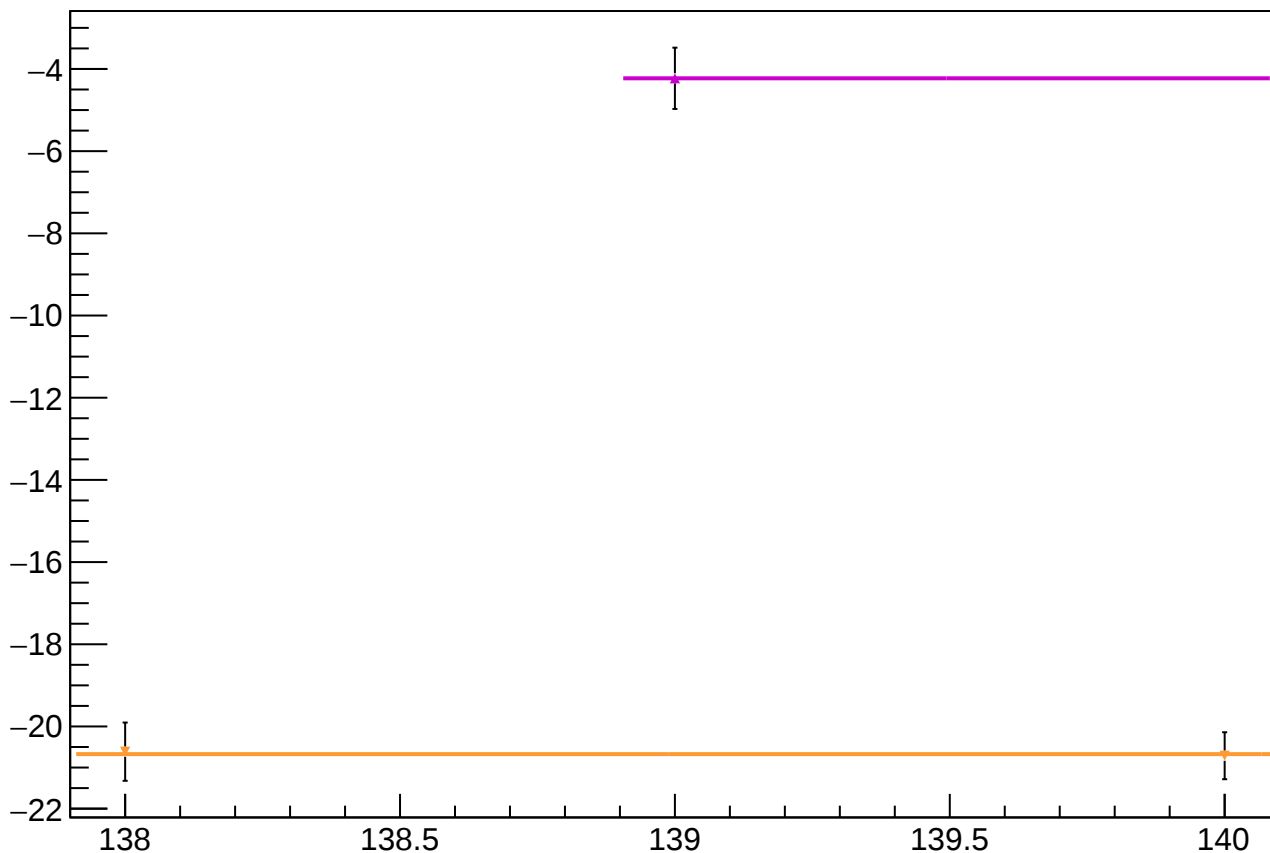
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.414+/-0.014 χ^2/NDF :0.0/0

Out: 0.397+/-0.010 χ^2/NDF :14.4/1

All: 0.403+/-0.008 χ^2/NDF : 15.4/2

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: -20.673+/-0.445 χ^2/NDF : 0.0/1

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

Left In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Left: -16.356+/-0.382 χ^2/NDF : 358.8/2

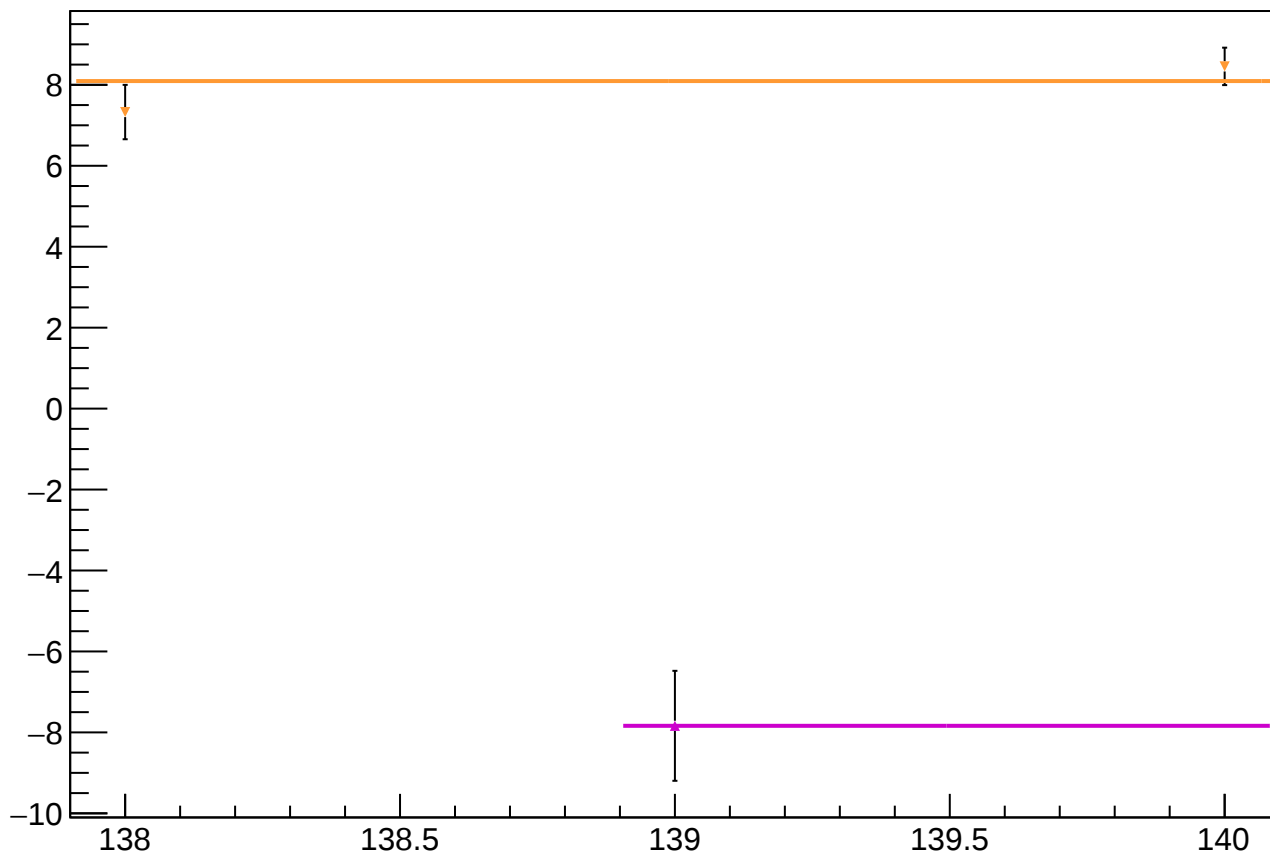
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Out: -20.673+/-0.445 χ^2/NDF : 0.0/1

All: -16.356+/-0.382 χ^2/NDF : 358.8/2

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: 8.093+/-0.381 χ^2/NDF : 1.9/1

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

Left In: -7.837+/-1.359 χ^2/NDF : 0.0/0

Left: 6.932+/-0.367 χ^2/NDF : 129.4/2

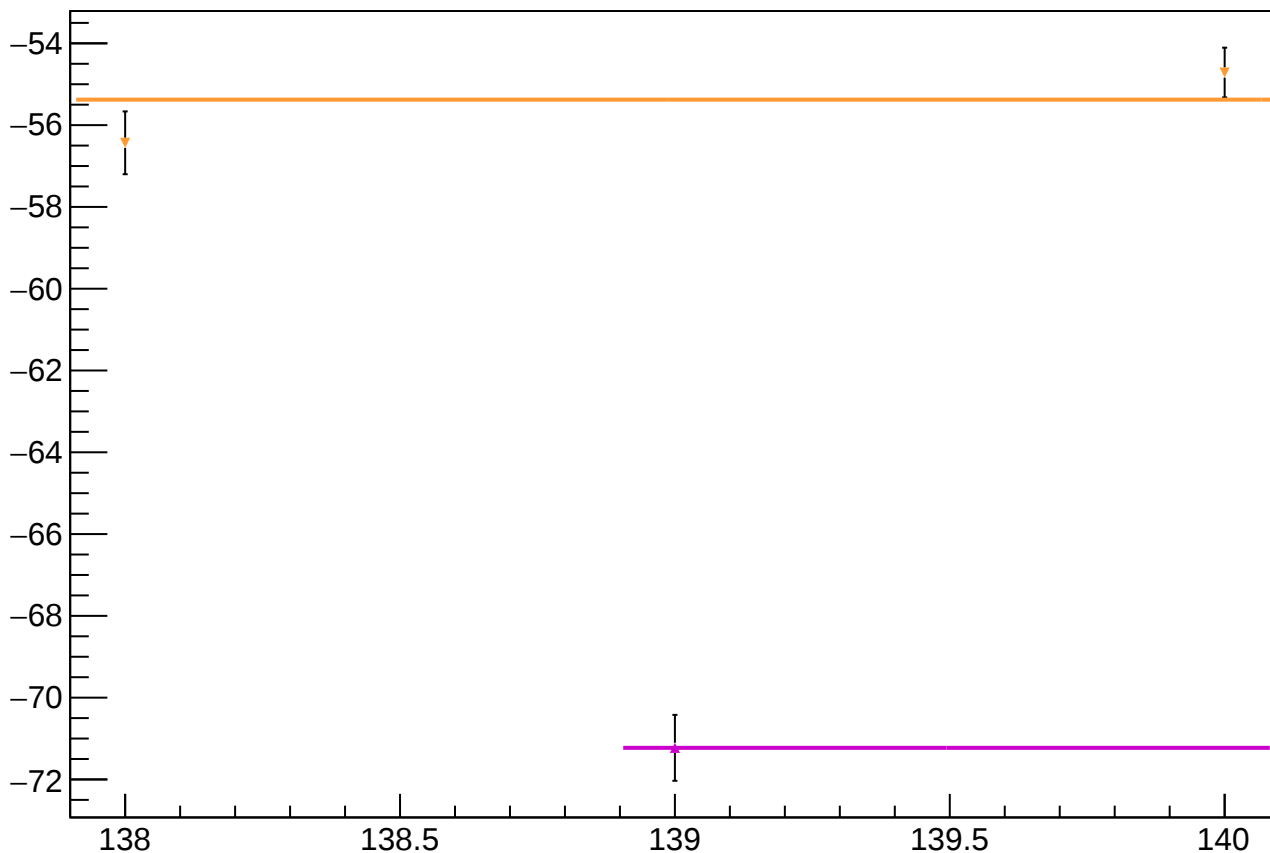
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.837+/-1.359 χ^2/NDF : 0.0/0

Out: 8.093+/-0.381 χ^2/NDF : 1.9/1

All: 6.932+/-0.367 χ^2/NDF : 129.4/2

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: -55.377+/-0.477 χ^2/NDF : 3.1/1

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

Left In: -71.227+/-0.806 χ^2/NDF : 0.0/0

Left: -59.486+/-0.410 χ^2/NDF : 289.6/2

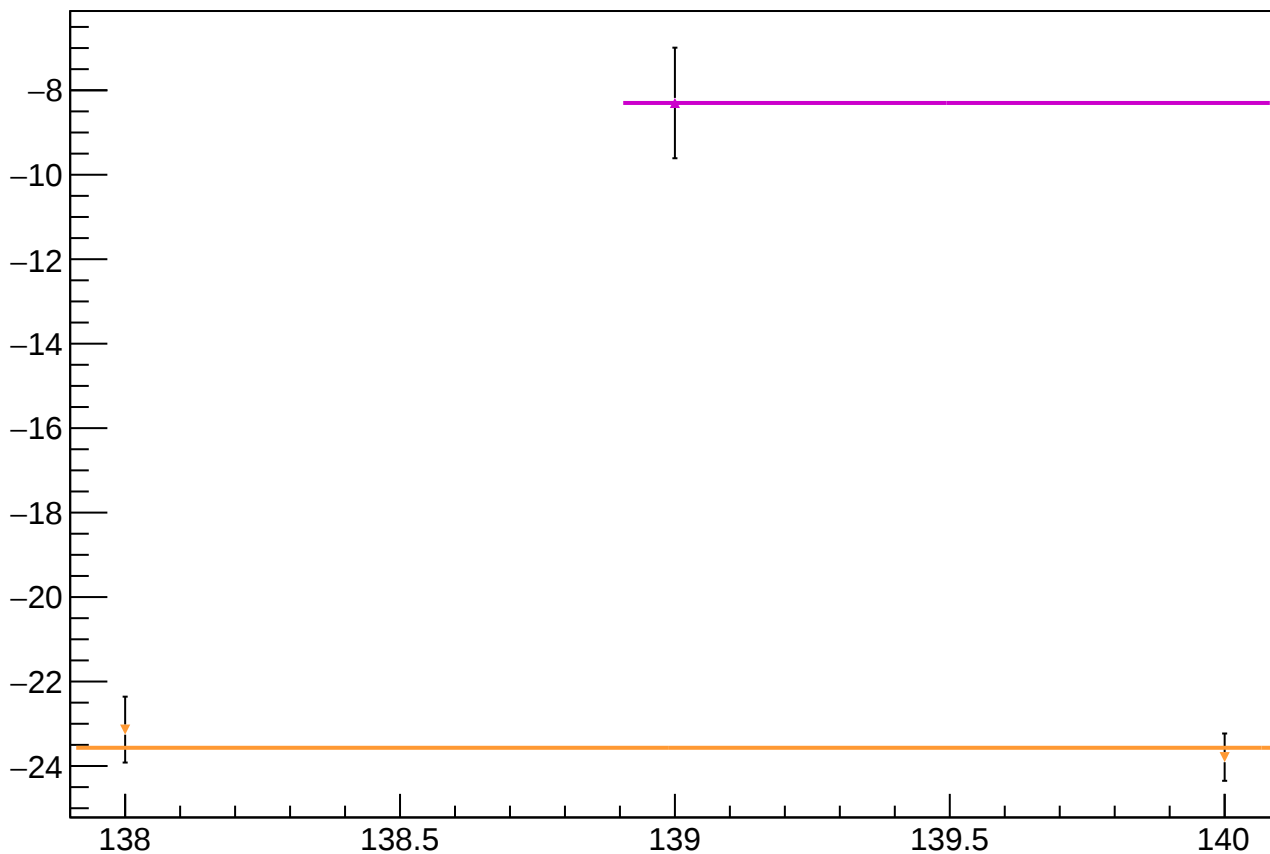
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.227+/-0.806 χ^2/NDF : 0.0/0

Out: -55.377+/-0.477 χ^2/NDF : 3.1/1

All: -59.486+/-0.410 χ^2/NDF : 289.6/2

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -23.569 $\pm$ 0.455 χ^2/NDF : 0.5/1

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

Left In: -8.300 $\pm$ 1.309 χ^2/NDF : 0.0/0

Left: -21.924 $\pm$ 0.430 χ^2/NDF : 121.8/2

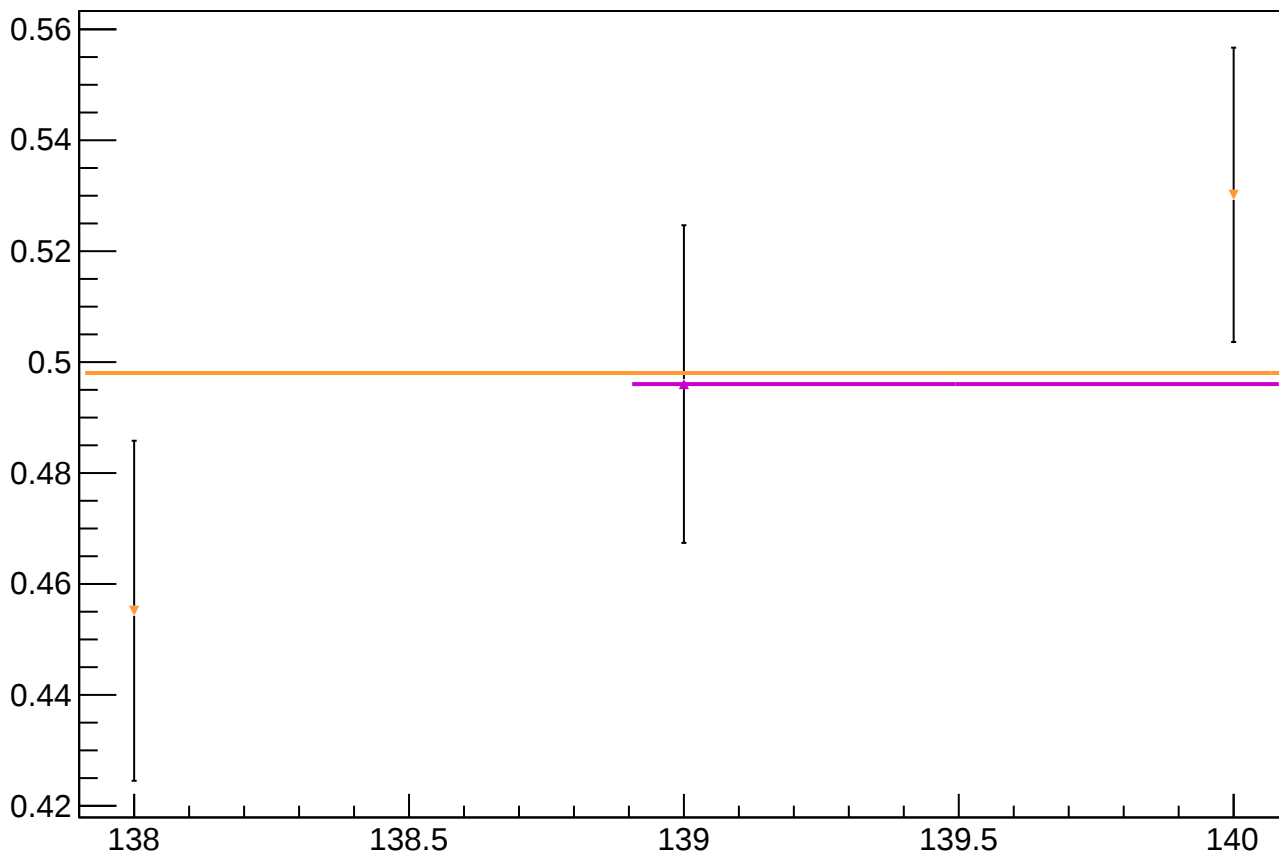
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -8.300 $\pm$ 1.309 χ^2/NDF : 0.0/0

Out: -23.569 $\pm$ 0.455 χ^2/NDF : 0.5/1

All: -21.924 $\pm$ 0.430 χ^2/NDF : 121.8/2

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.498 $\pm$ 0.020 χ^2/NDF : 3.4/1

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

Left In: 0.496 $\pm$ 0.029 χ^2/NDF : 0.0/0

Left: 0.497 $\pm$ 0.016 χ^2/NDF : 3.4/2

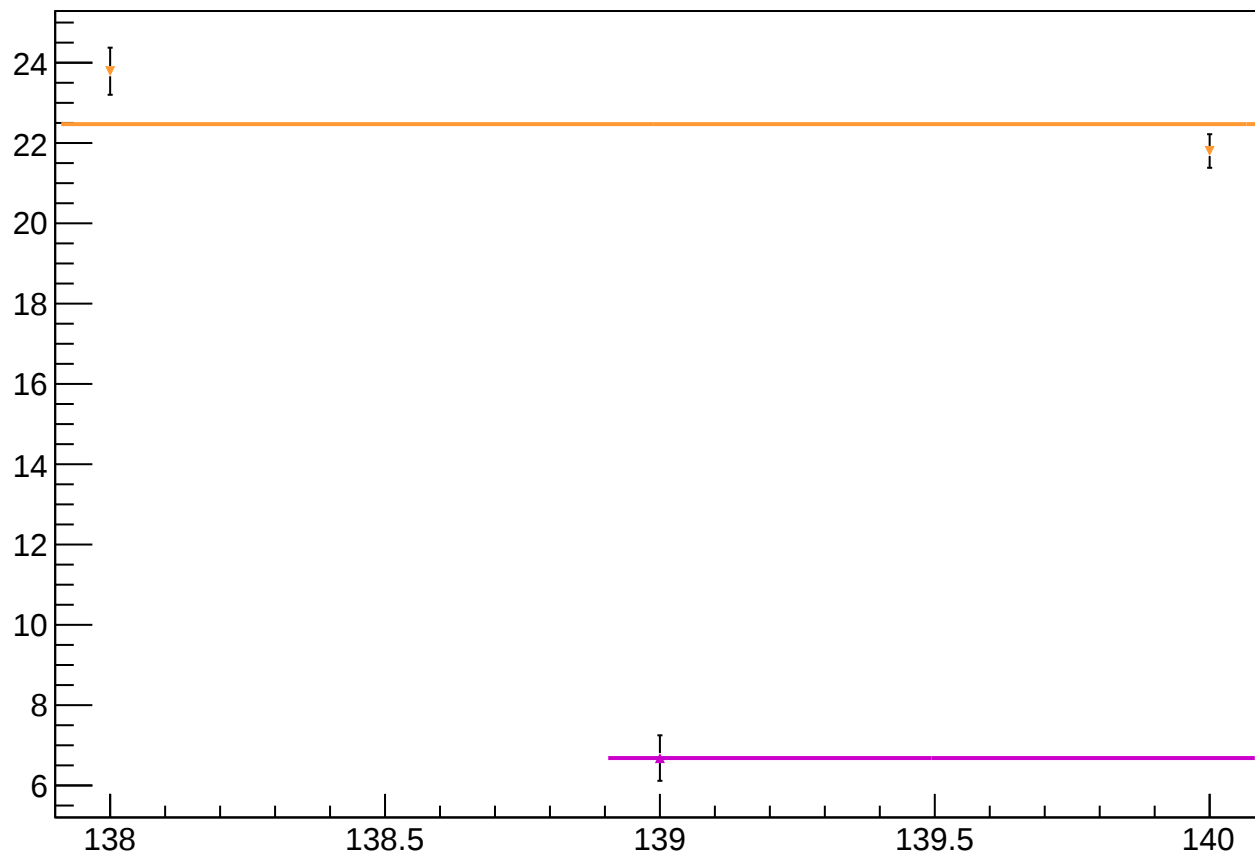
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.496 $\pm$ 0.029 χ^2/NDF : 0.0/0

Out: 0.498 $\pm$ 0.020 χ^2/NDF : 3.4/1

All: 0.497 $\pm$ 0.016 χ^2/NDF : 3.4/2

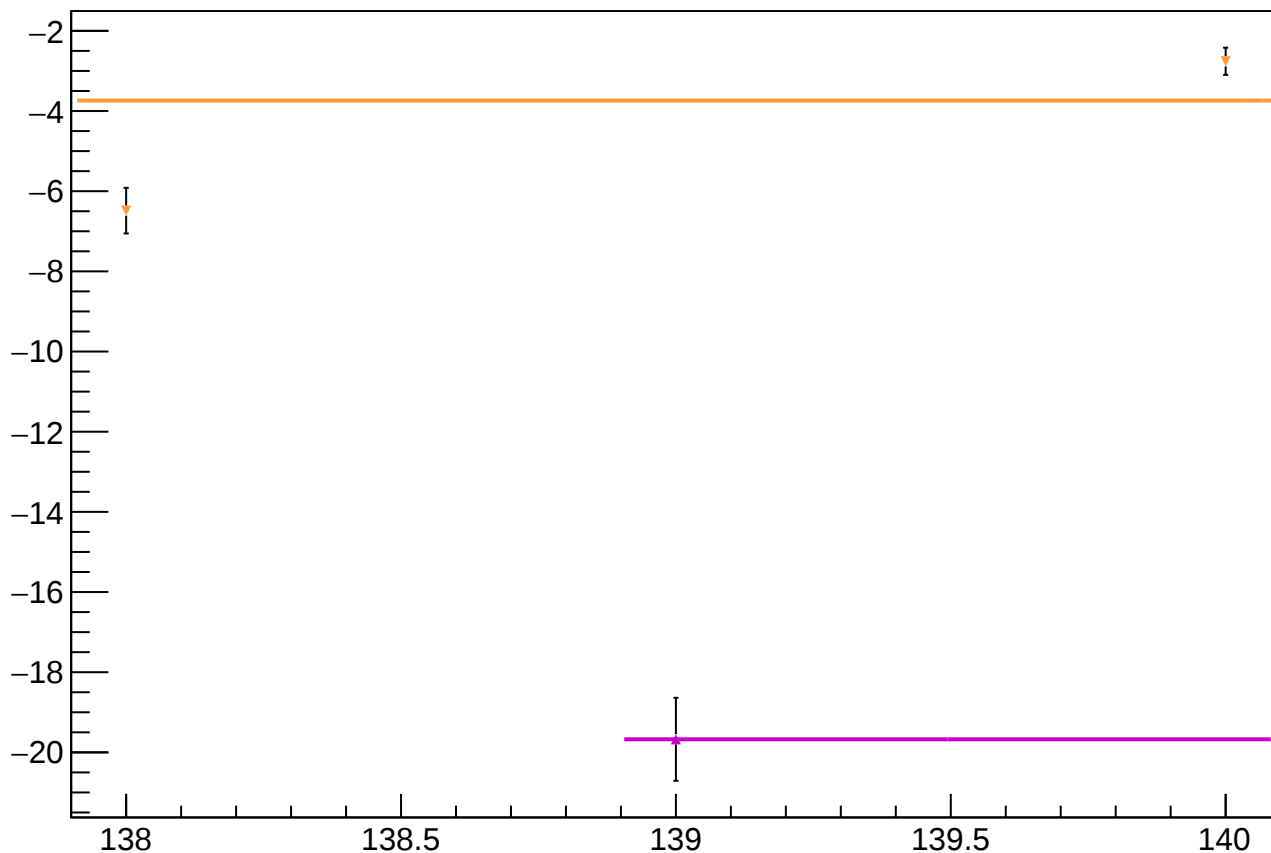
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.471+/-0.341 χ^2 /NDF:7.6/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 6.682+/-0.566 χ^2 /NDF:0.0/0

Left: 18.277+/-0.292 χ^2 /NDF: 578.3/2
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 6.682+/-0.566 χ^2 /NDF:0.0/0
 Out: 22.471+/-0.341 χ^2 /NDF:7.6/1
 All: 18.277+/-0.292 χ^2 /NDF: 578.3/2

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: -3.738+/-0.292 χ^2/NDF :31.6/1

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

Left In: -19.674+/-1.035 χ^2/NDF :0.0/0

Left: -4.909+/-0.281 χ^2/NDF : 251.1/2

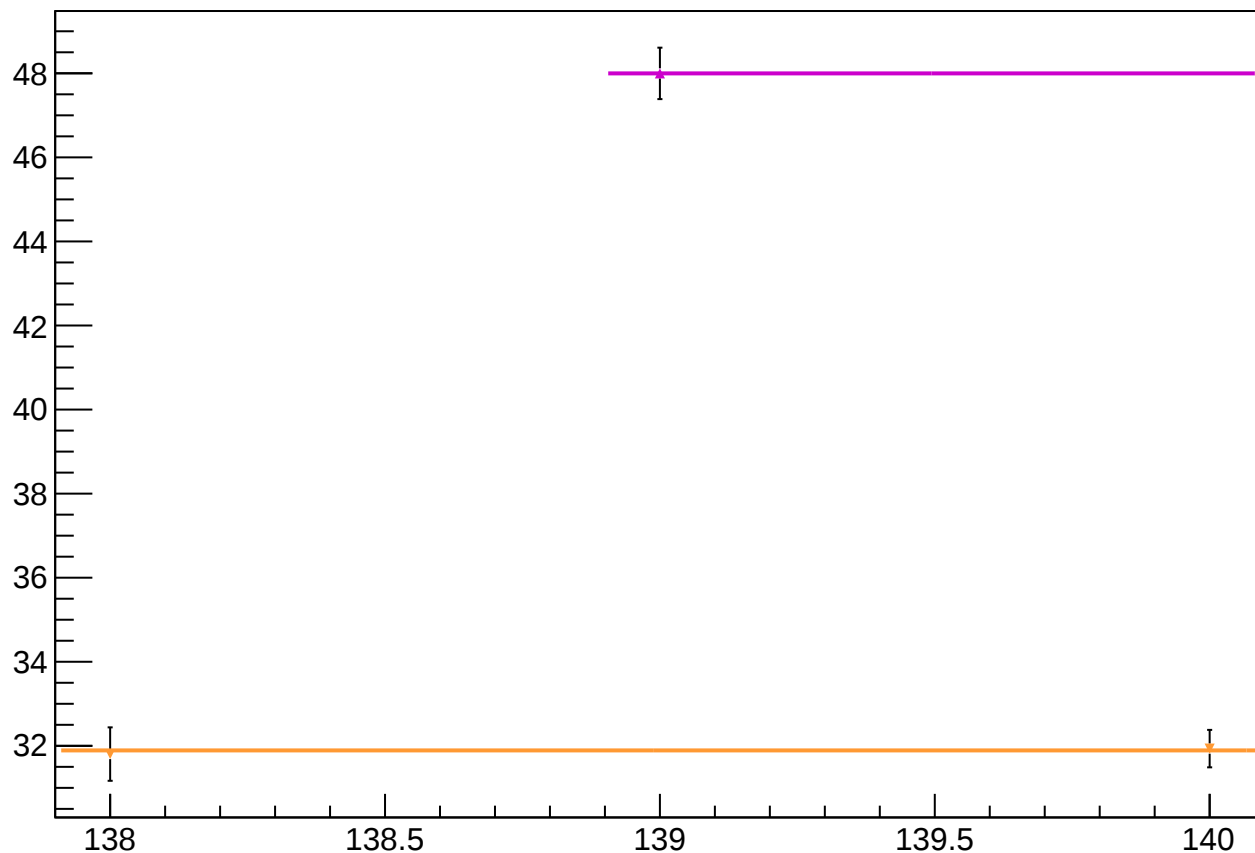
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.674+/-1.035 χ^2/NDF :0.0/0

Out: -3.738+/-0.292 χ^2/NDF :31.6/1

All: -4.909+/-0.281 χ^2/NDF : 251.1/2

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: 31.891+/-0.365 χ^2/NDF : 0.0/1

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

Left In: 47.998+/-0.612 χ^2/NDF : 0.0/0

Left: 36.115+/-0.313 χ^2/NDF : 511.2/2

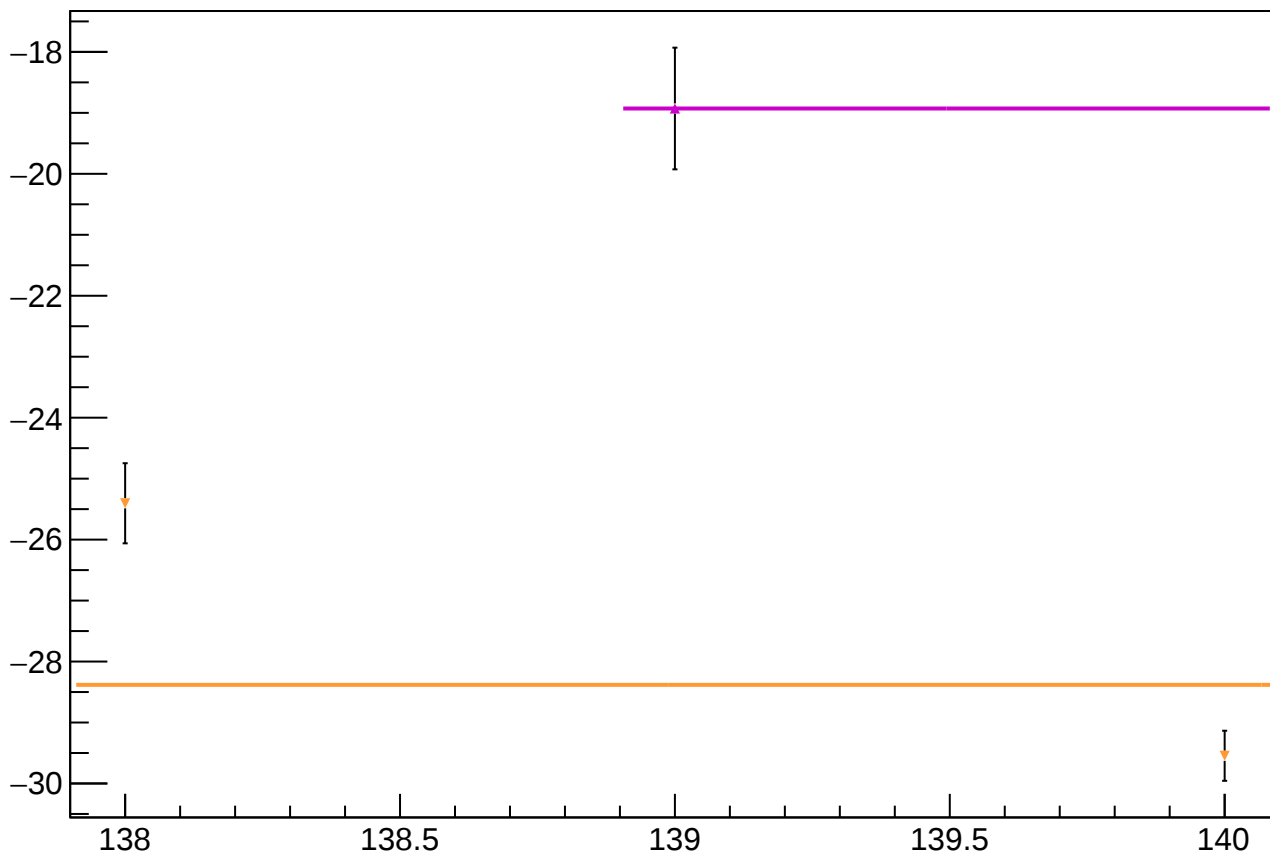
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.998+/-0.612 χ^2/NDF : 0.0/0

Out: 31.891+/-0.365 χ^2/NDF : 0.0/1

All: 36.115+/-0.313 χ^2/NDF : 511.2/2

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -28.382 $\pm$ 0.348 χ^2/NDF : 28.6/1

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

Left In: -18.929 $\pm$ 0.998 χ^2/NDF : 0.0/0

Left: -27.356 $\pm$ 0.329 χ^2/NDF : 108.6/2

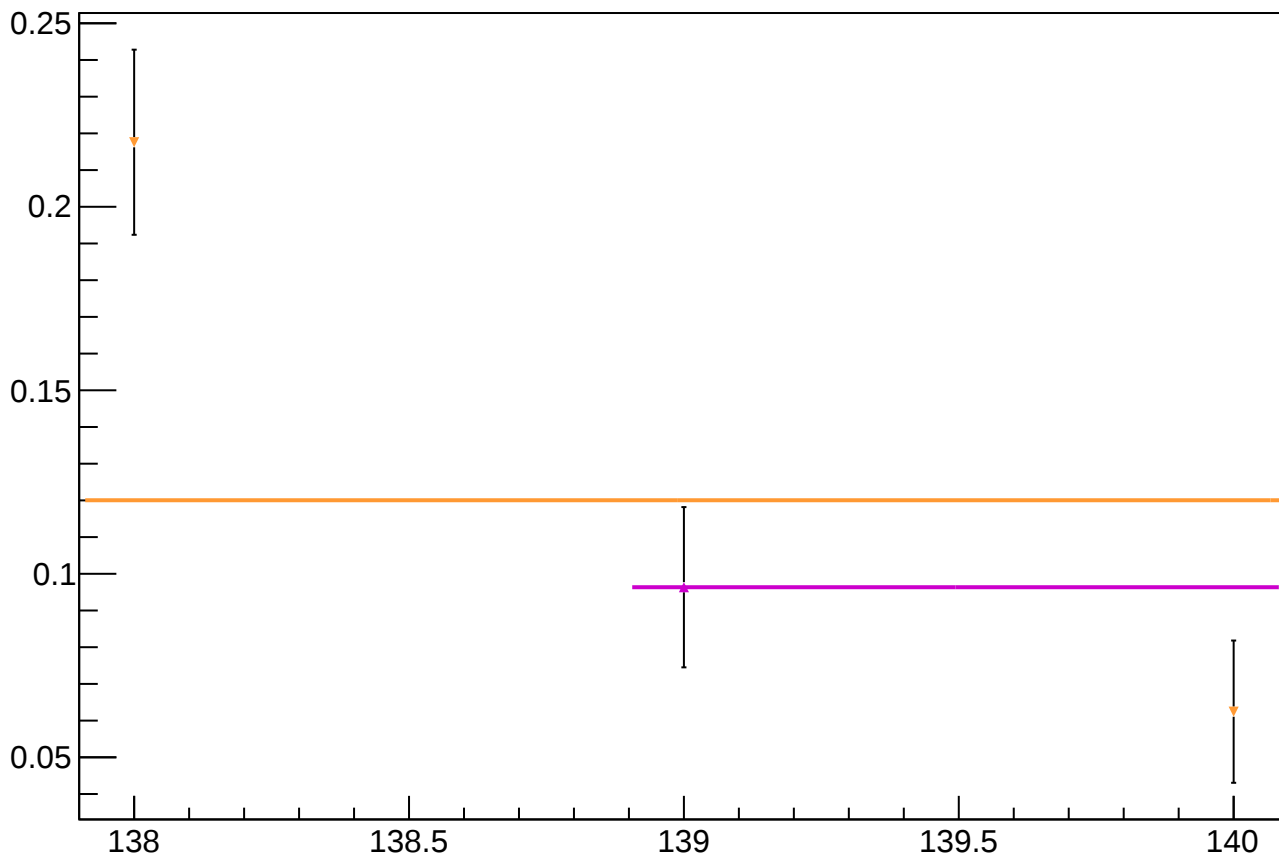
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -18.929 $\pm$ 0.998 χ^2/NDF : 0.0/0

Out: -28.382 $\pm$ 0.348 χ^2/NDF : 28.6/1

All: -27.356 $\pm$ 0.329 χ^2/NDF : 108.6/2

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: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

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

Left In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Left: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

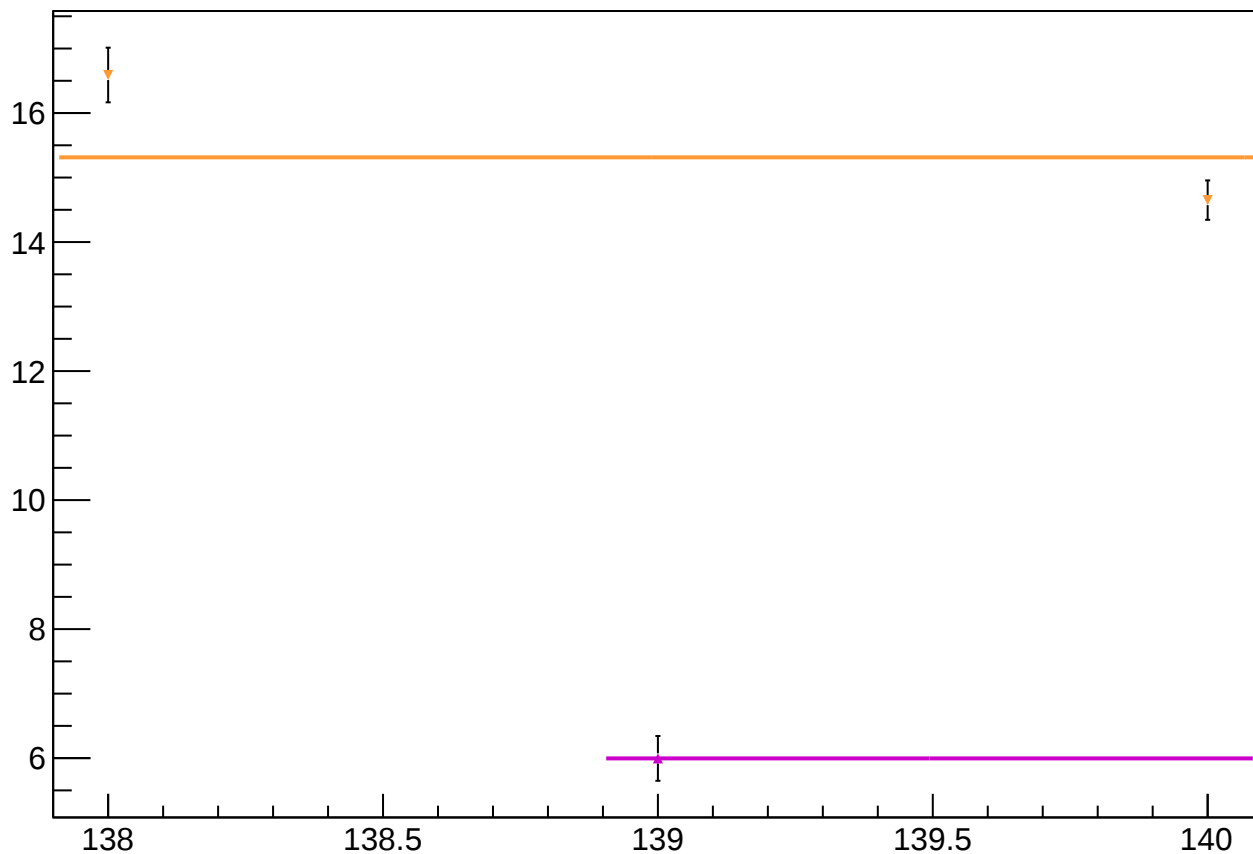
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Out: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

All: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

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: 15.313+/-0.248 χ^2/NDF :13.8/1

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

Left In: 5.996+/-0.347 χ^2/NDF :0.0/0

Left: 12.170+/-0.202 χ^2/NDF : 491.1/2

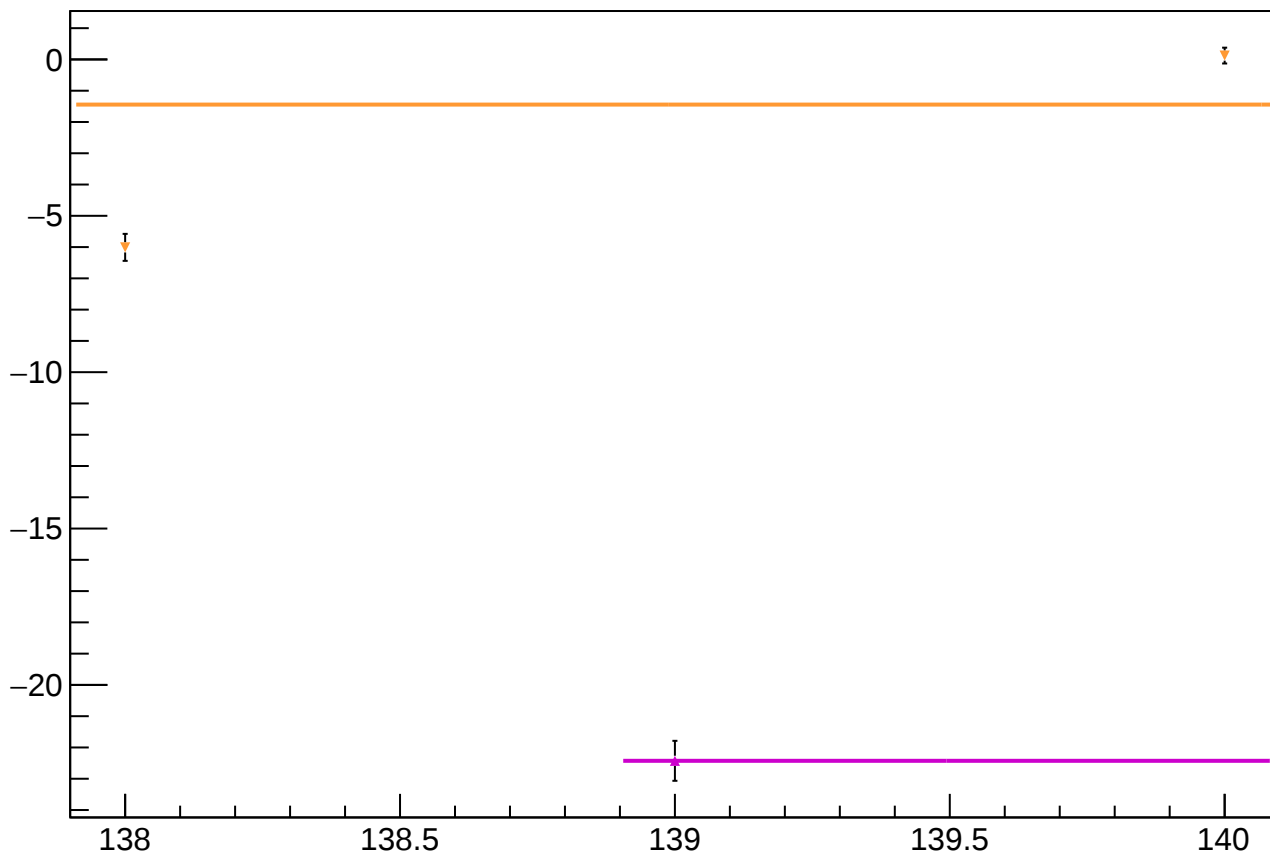
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.996+/-0.347 χ^2/NDF :0.0/0

Out: 15.313+/-0.248 χ^2/NDF :13.8/1

All: 12.170+/-0.202 χ^2/NDF : 491.1/2

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.443+/-0.218 χ^2/NDF :150.4/1

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

Left In: -22.427+/-0.639 χ^2/NDF :0.0/0

Left: -3.633+/-0.206 χ^2/NDF : 1116.3/2

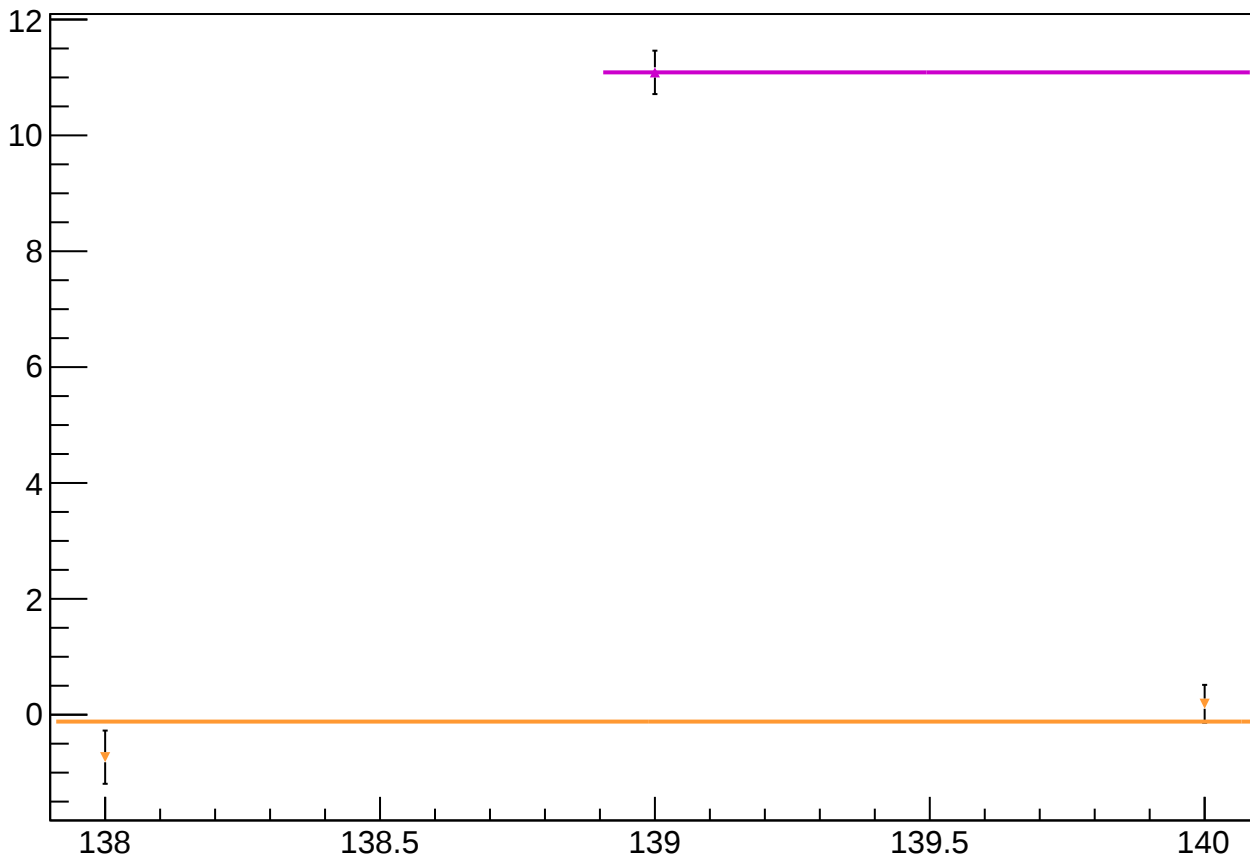
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.427+/-0.639 χ^2/NDF :0.0/0

Out: -1.443+/-0.218 χ^2/NDF :150.4/1

All: -3.633+/-0.206 χ^2/NDF : 1116.3/2

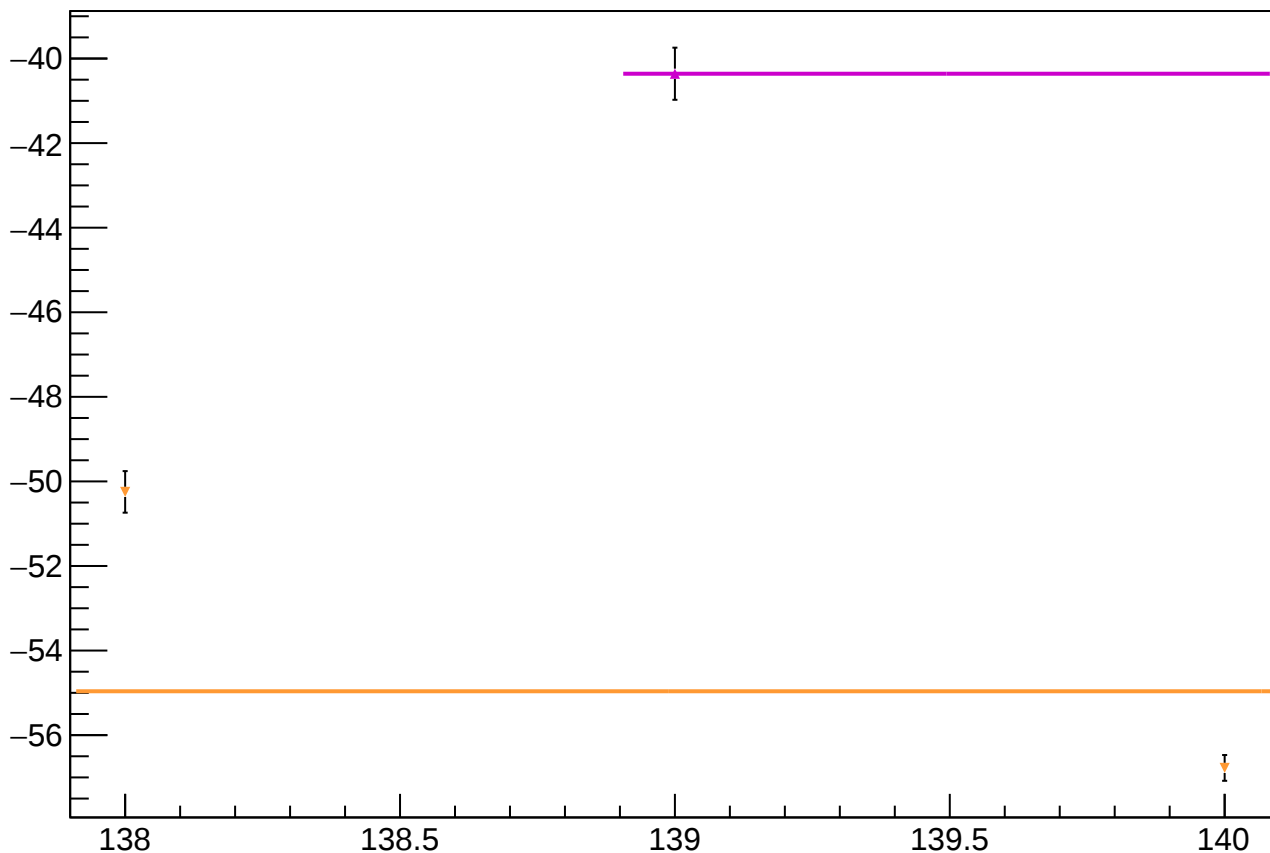
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.119±/-0.265 χ^2 /NDF:2.7/1
 Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left In: 11.088±/-0.375 χ^2 /NDF:0.0/0

Left: 3.628±/-0.217 χ^2 /NDF: 598.4/2
 Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 In: 11.088±/-0.375 χ^2 /NDF:0.0/0
 Out: -0.119±/-0.265 χ^2 /NDF:2.7/1
 All: 3.628±/-0.217 χ^2 /NDF: 598.4/2

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: -54.963+/-0.259 χ^2/NDF :127.3/1

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

Left In: -40.359+/-0.616 χ^2/NDF :0.0/0

Left: -52.770+/-0.239 χ^2/NDF : 604.5/2

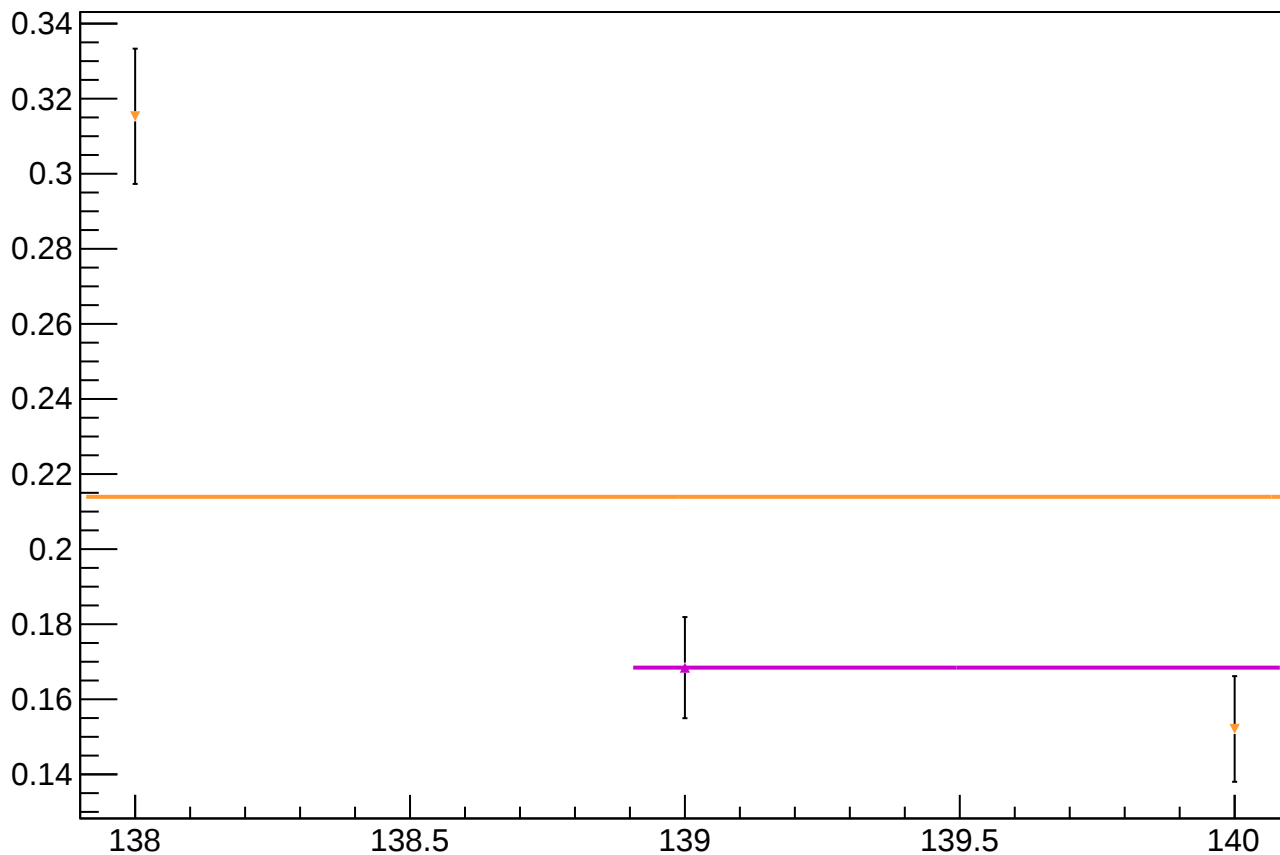
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.359+/-0.616 χ^2/NDF :0.0/0

Out: -54.963+/-0.259 χ^2/NDF :127.3/1

All: -52.770+/-0.239 χ^2/NDF : 604.5/2

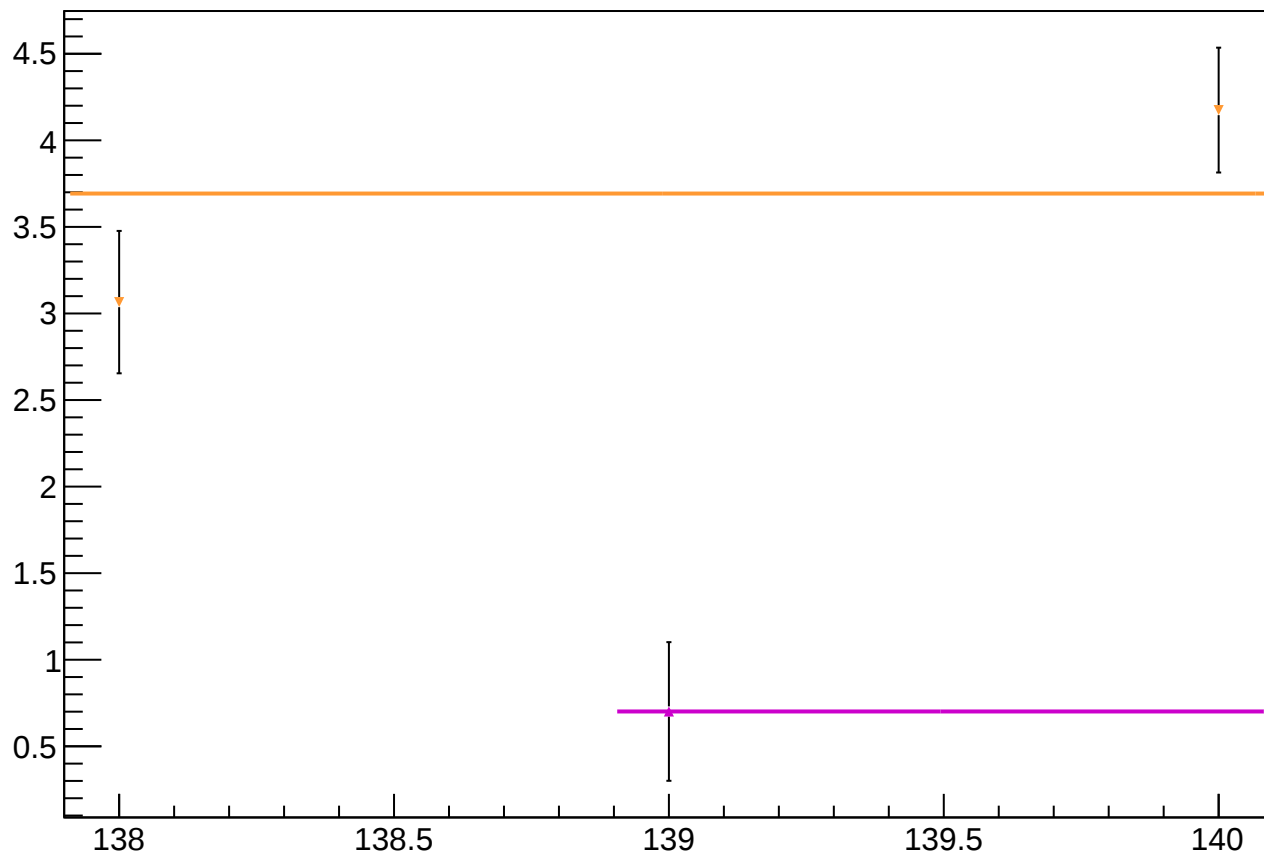
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.214+/-0.011 χ^2 /NDF: 51.0/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.168+/-0.013 χ^2 /NDF: 0.0/0

Left: 0.196+/-0.009 χ^2 /NDF: 57.8/2
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 0.168+/-0.013 χ^2 /NDF: 0.0/0
 Out: 0.214+/-0.011 χ^2 /NDF: 51.0/1
 All: 0.196+/-0.009 χ^2 /NDF: 57.8/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

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

Left In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Left: 2.753+/-0.224 χ^2/NDF : 42.4/2

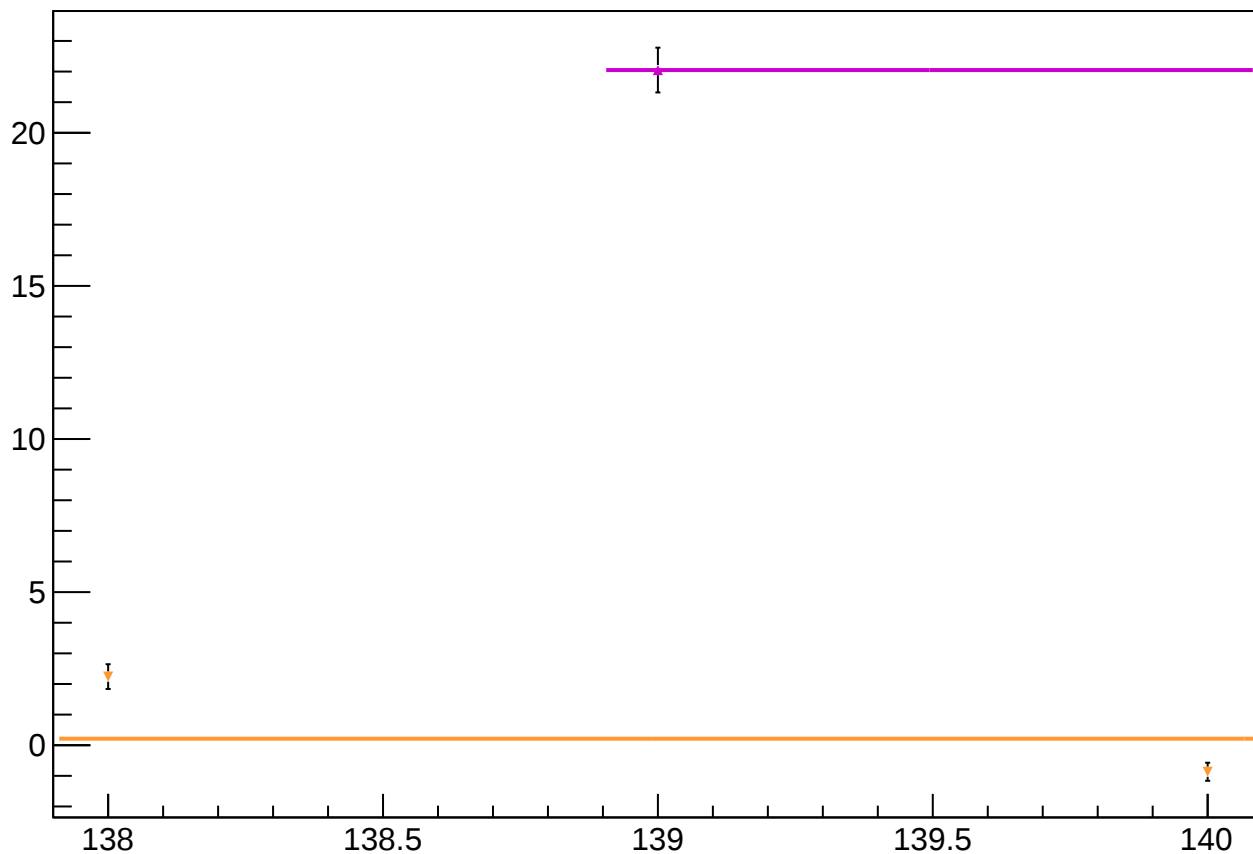
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

All: 2.753+/-0.224 χ^2/NDF : 42.4/2

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: 0.214+/-0.238 χ^2/NDF :38.6/1

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

Left In: 22.049+/-0.731 χ^2/NDF :0.0/0

Left: 2.311+/-0.227 χ^2/NDF : 845.0/2

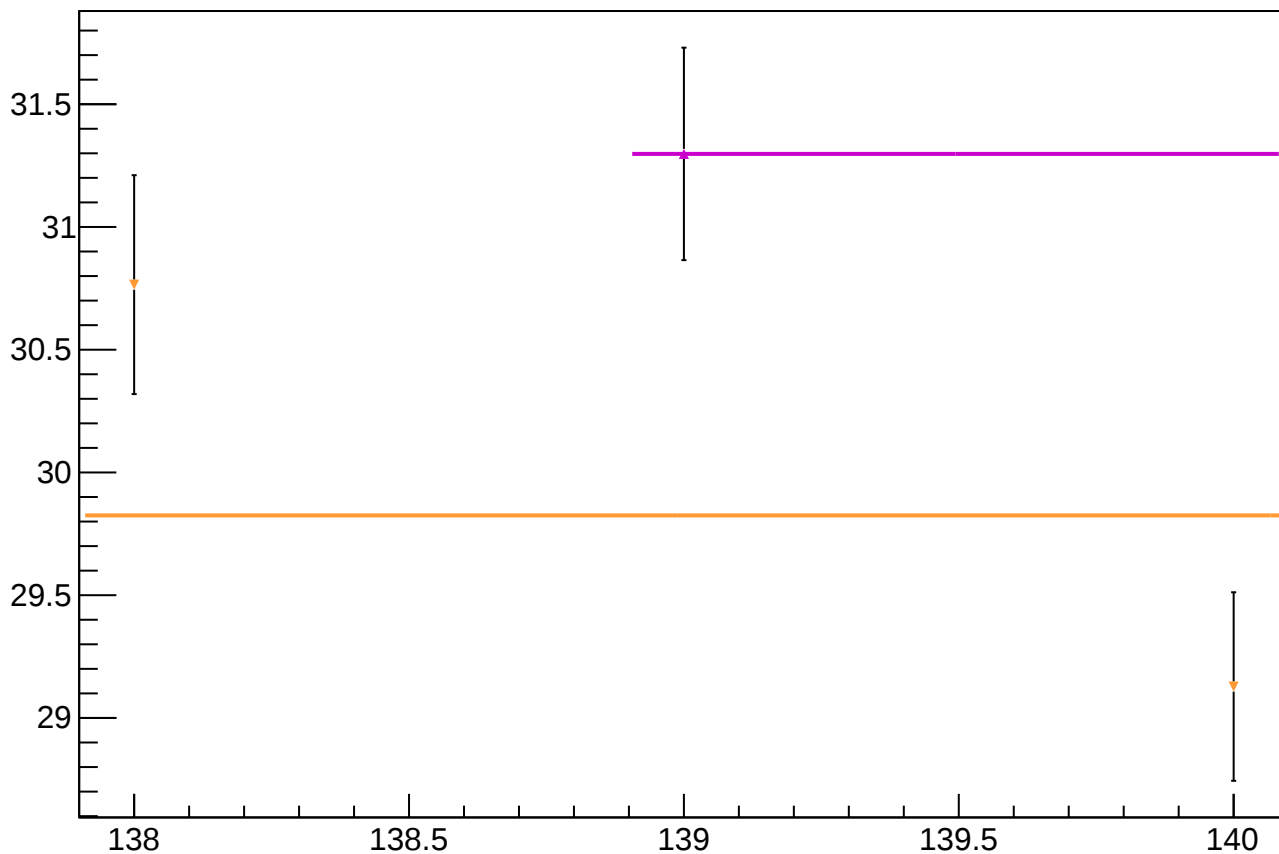
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.049+/-0.731 χ^2/NDF :0.0/0

Out: 0.214+/-0.238 χ^2/NDF :38.6/1

All: 2.311+/-0.227 χ^2/NDF : 845.0/2

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: 29.825 $\pm$ 0.291 χ^2/NDF : 7.7/1

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

Left In: 31.298 $\pm$ 0.433 χ^2/NDF : 0.0/0

Left: 30.284 $\pm$ 0.241 χ^2/NDF : 15.7/2

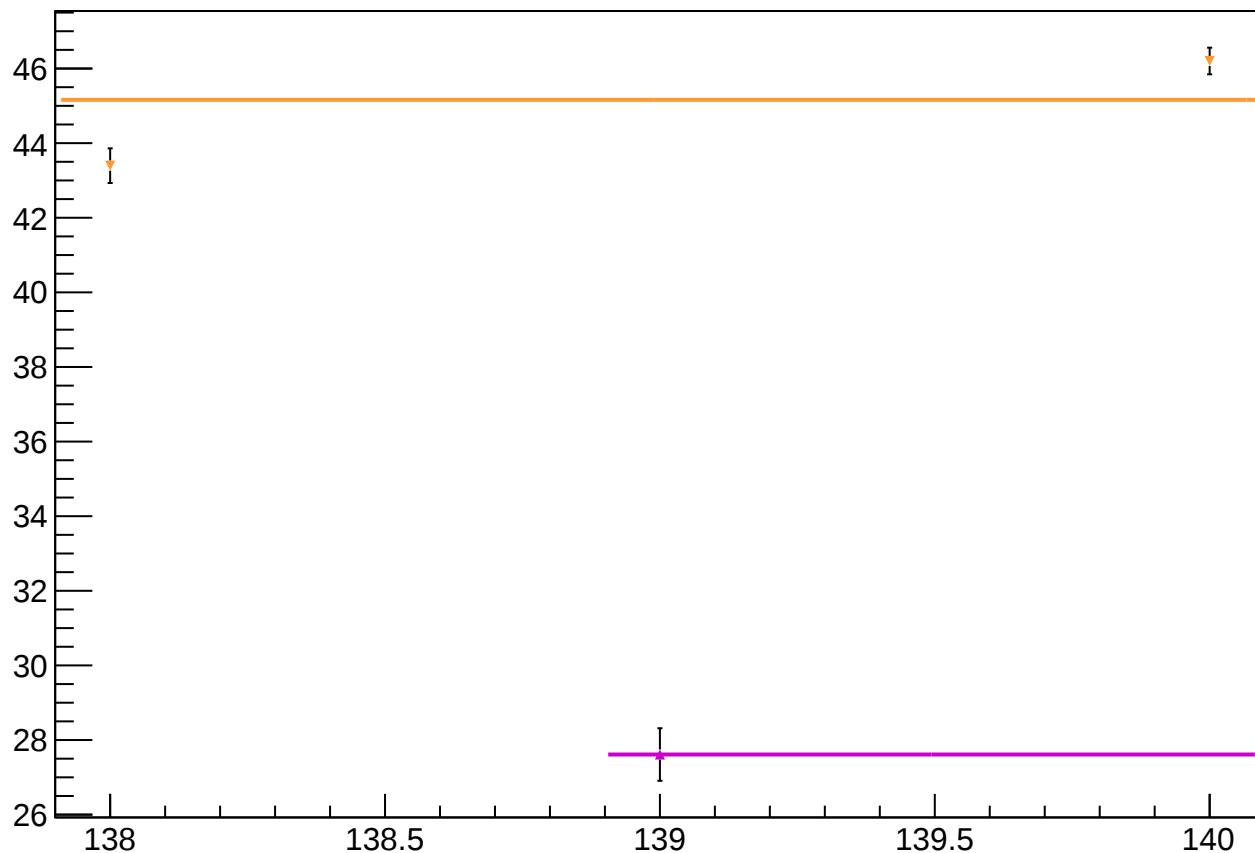
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 31.298 $\pm$ 0.433 χ^2/NDF : 0.0/0

Out: 29.825 $\pm$ 0.291 χ^2/NDF : 7.7/1

All: 30.284 $\pm$ 0.241 χ^2/NDF : 15.7/2

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: 45.161+/-0.283 χ^2/NDF :22.9/1

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

Left In: 27.612+/-0.705 χ^2/NDF :0.0/0

Left: 42.723+/-0.263 χ^2/NDF : 557.1/2

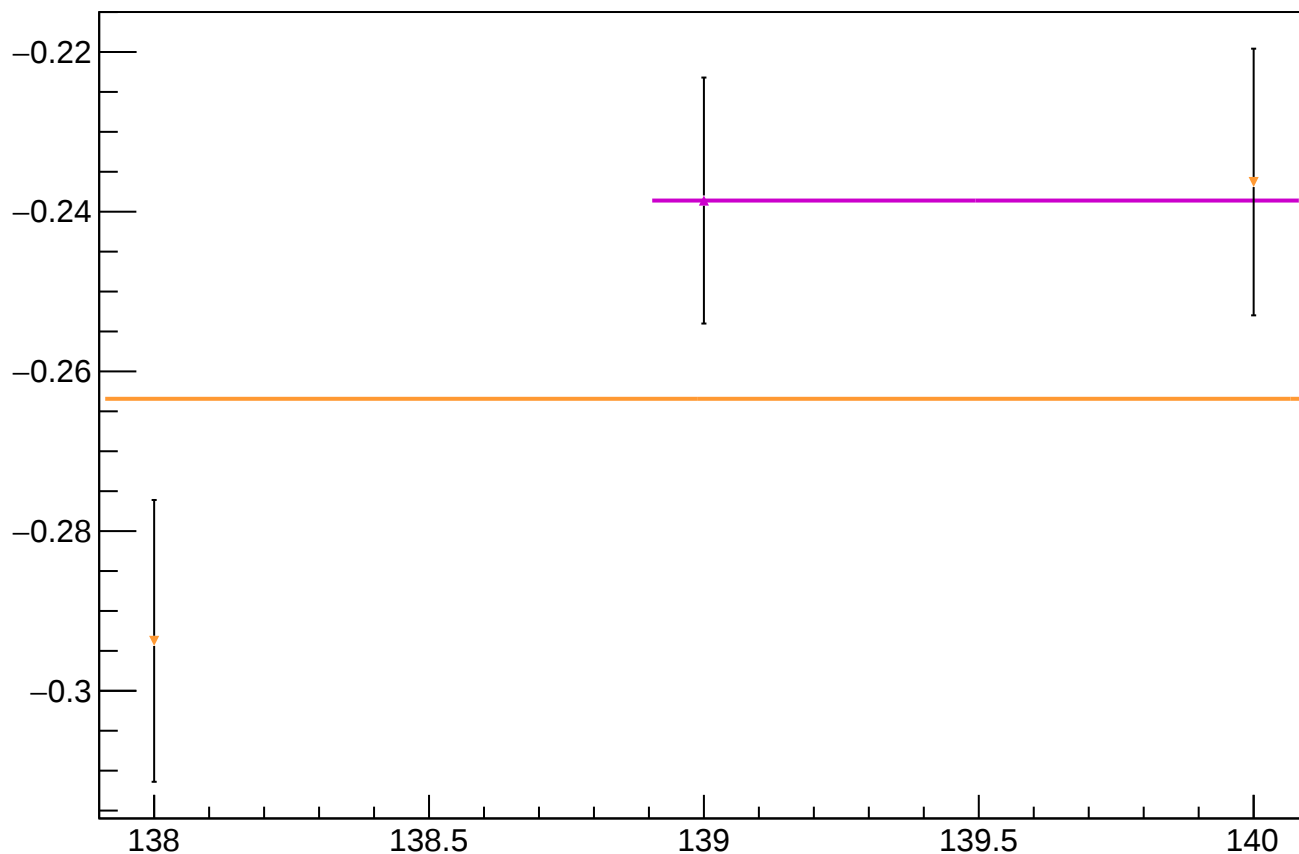
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.612+/-0.705 χ^2/NDF :0.0/0

Out: 45.161+/-0.283 χ^2/NDF :22.9/1

All: 42.723+/-0.263 χ^2/NDF : 557.1/2

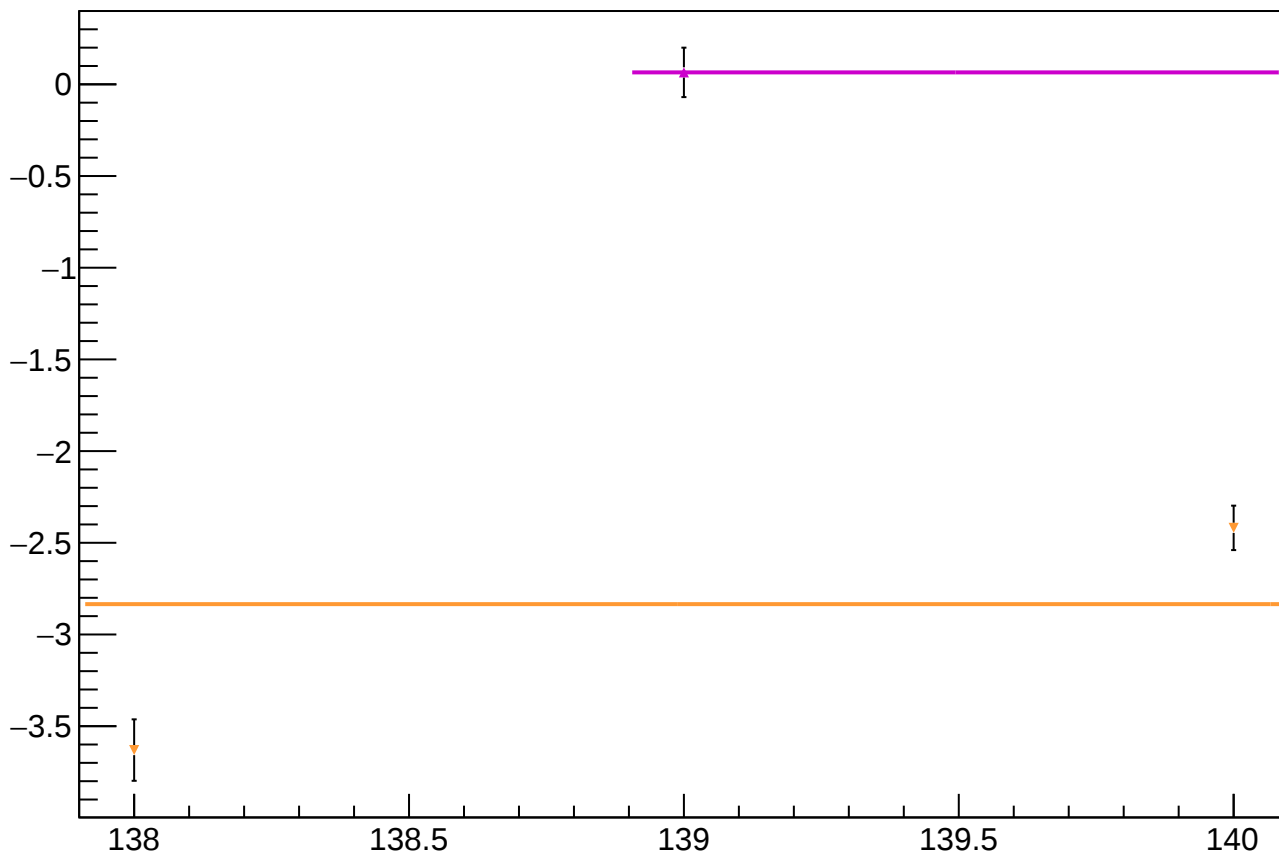
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.263+/-0.012 χ^2/NDF : 5.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.239+/-0.015 χ^2/NDF : 0.0/0

Left: -0.254+/-0.010 χ^2/NDF : 7.2/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.239+/-0.015 χ^2/NDF : 0.0/0
 Out: -0.263+/-0.012 χ^2/NDF : 5.6/1
 All: -0.254+/-0.010 χ^2/NDF : 7.2/2

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.835+/-0.098 χ^2/NDF : 34.4/1

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

Left In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Left: -1.830+/-0.079 χ^2/NDF : 336.8/2

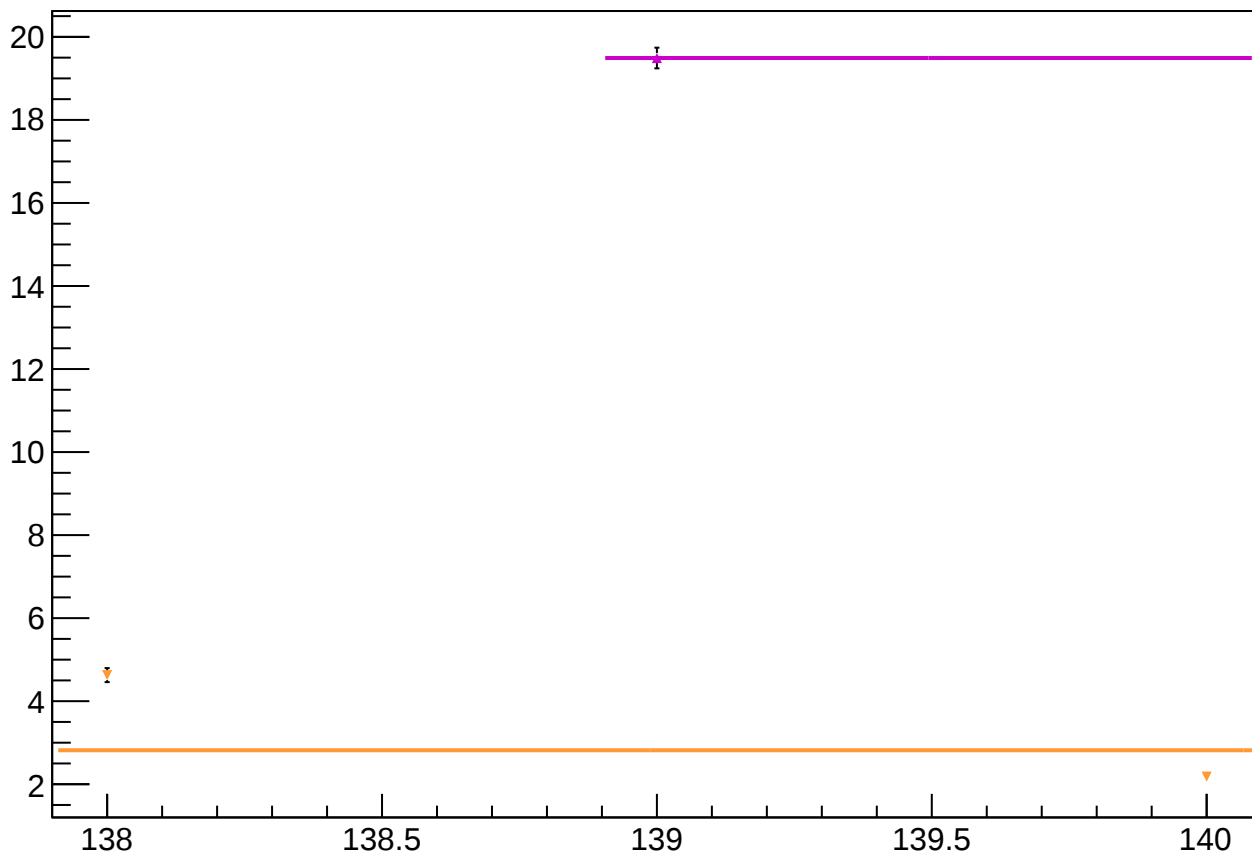
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Out: -2.835+/-0.098 χ^2/NDF : 34.4/1

All: -1.830+/-0.079 χ^2/NDF : 336.8/2

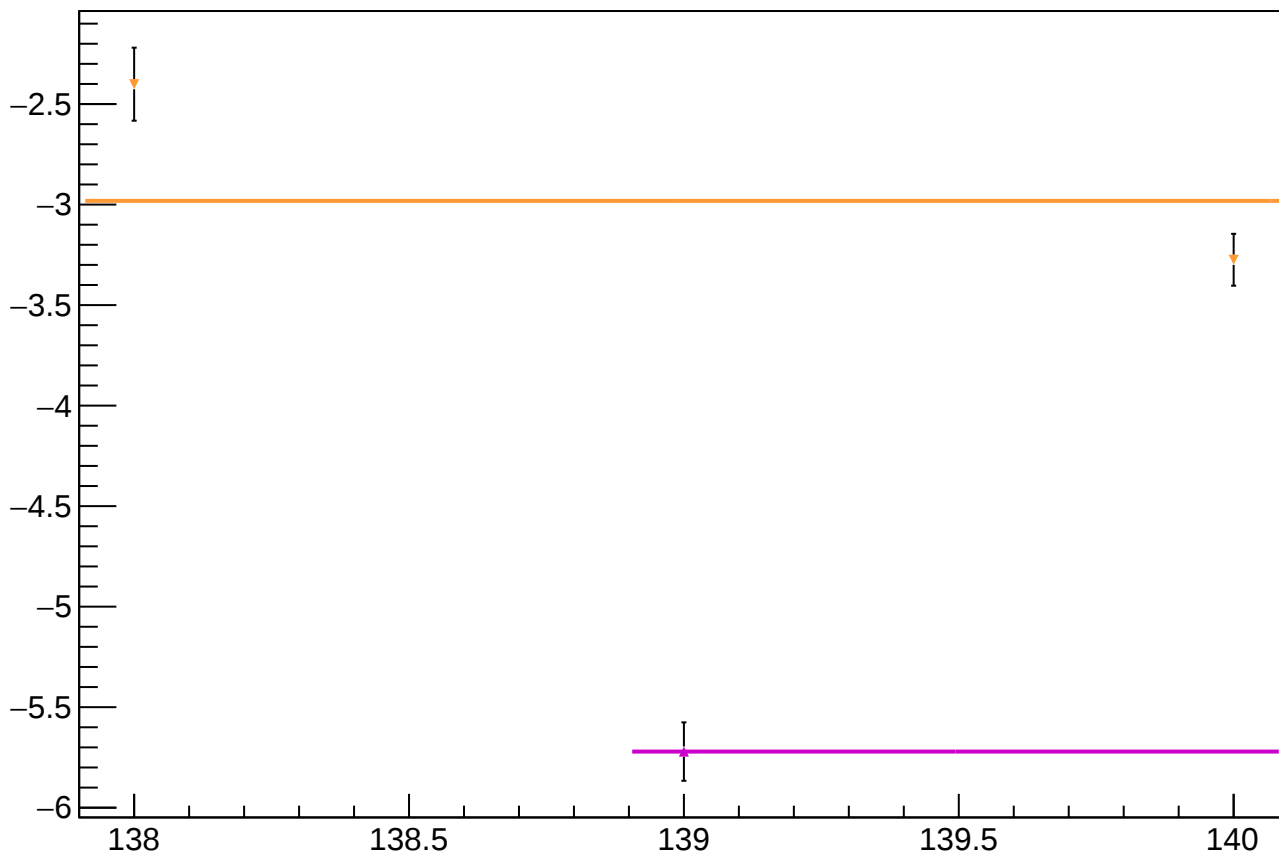
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.817+/-0.086 χ^2/NDF :154.8/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.491+/-0.249 χ^2/NDF :0.0/0

Left: 4.599+/-0.081 χ^2/NDF : 4153.4/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.491+/-0.249 χ^2/NDF :0.0/0
 Out: 2.817+/-0.086 χ^2/NDF :154.8/1
 All: 4.599+/-0.081 χ^2/NDF : 4153.4/2

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -2.982 ± 0.105 $\chi^2/\text{NDF}: 15.4/1$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -5.721 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

Left: -3.923 ± 0.085 $\chi^2/\text{NDF}: 248.5/2$

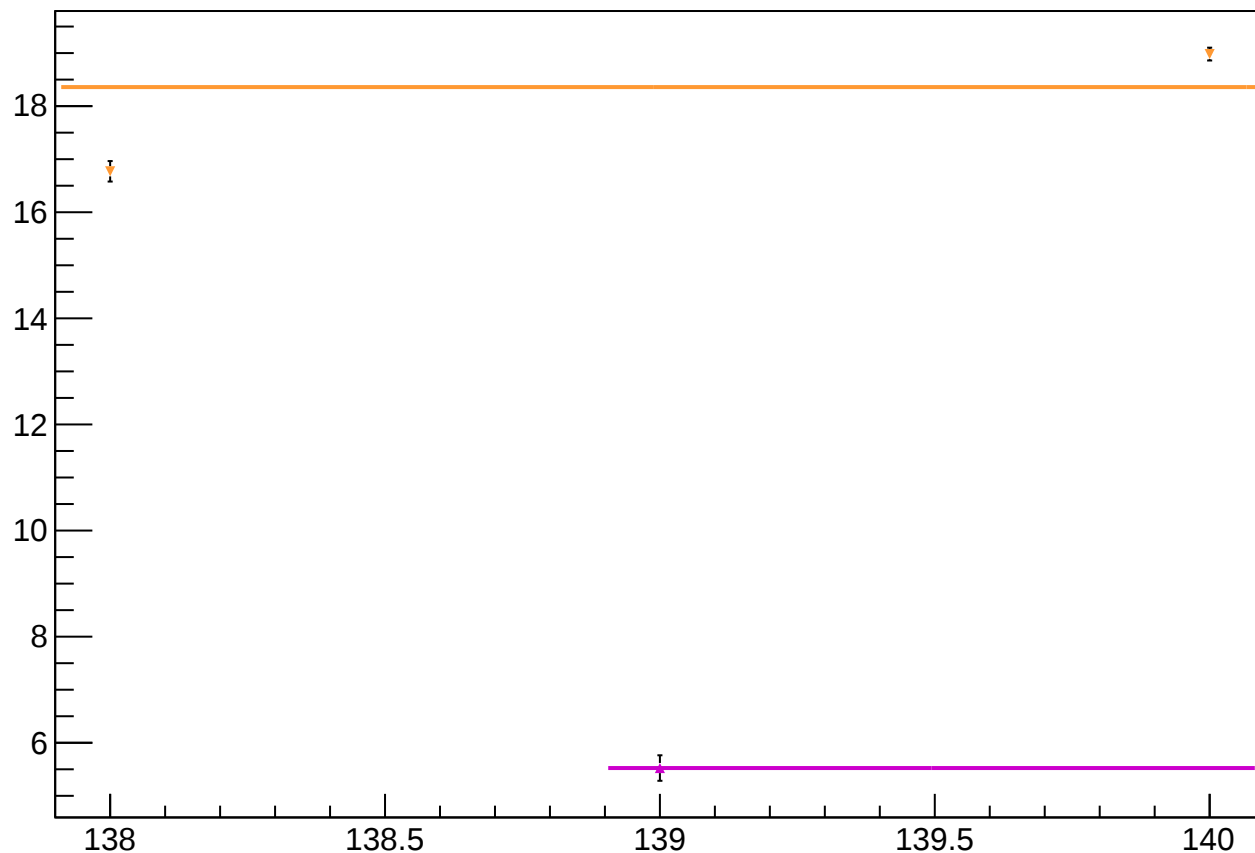
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -5.721 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

Out: -2.982 ± 0.105 $\chi^2/\text{NDF}: 15.4/1$

All: -3.923 ± 0.085 $\chi^2/\text{NDF}: 248.5/2$

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 18.359+/-0.102 χ^2/NDF :94.0/1

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

Left In: 5.524+/-0.240 χ^2/NDF :0.0/0

Left: 16.386+/-0.094 χ^2/NDF : 2505.2/2

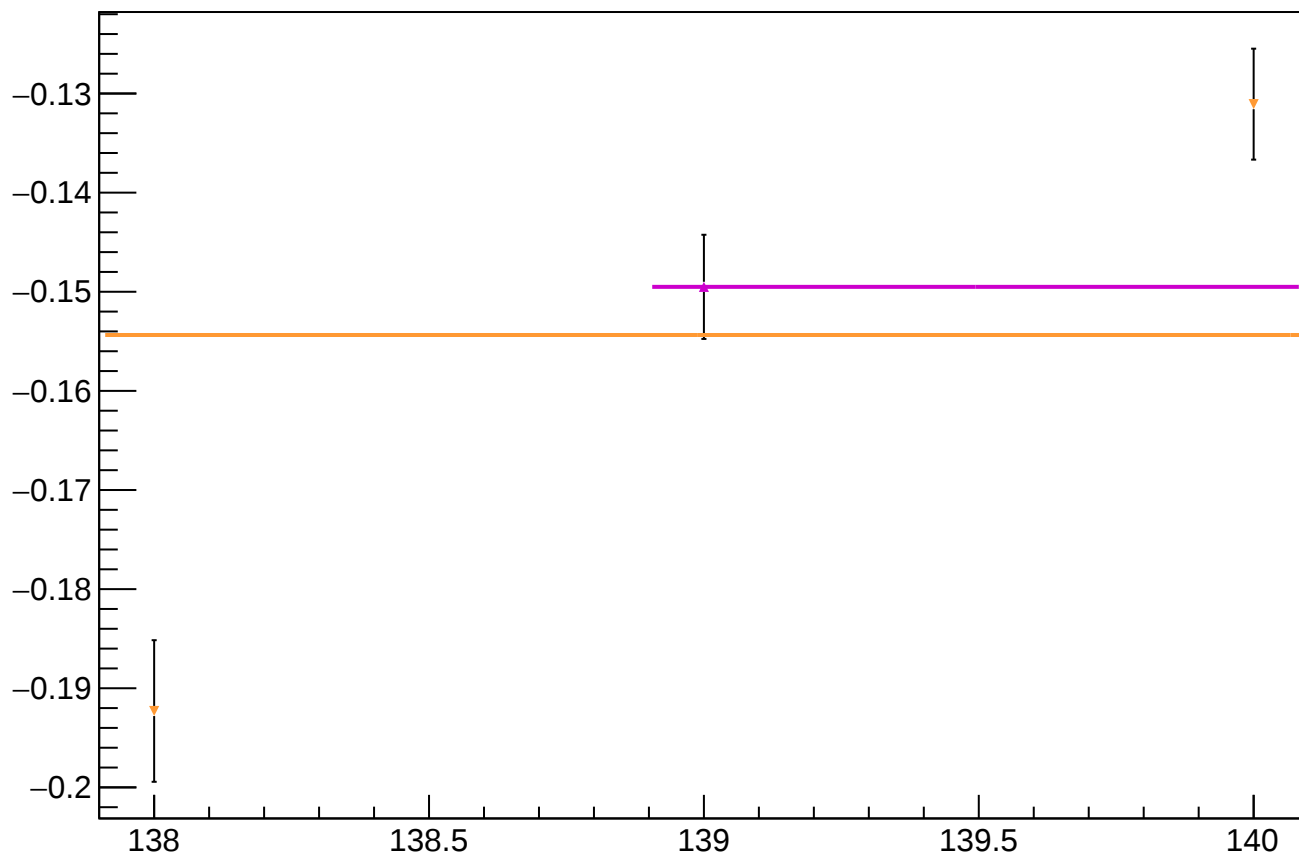
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.524+/-0.240 χ^2/NDF :0.0/0

Out: 18.359+/-0.102 χ^2/NDF :94.0/1

All: 16.386+/-0.094 χ^2/NDF : 2505.2/2

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: -0.154+/-0.004 χ^2/NDF : 45.5/1

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

Left In: -0.150+/-0.005 χ^2/NDF : 0.0/0

Left: -0.152+/-0.003 χ^2/NDF : 46.0/2

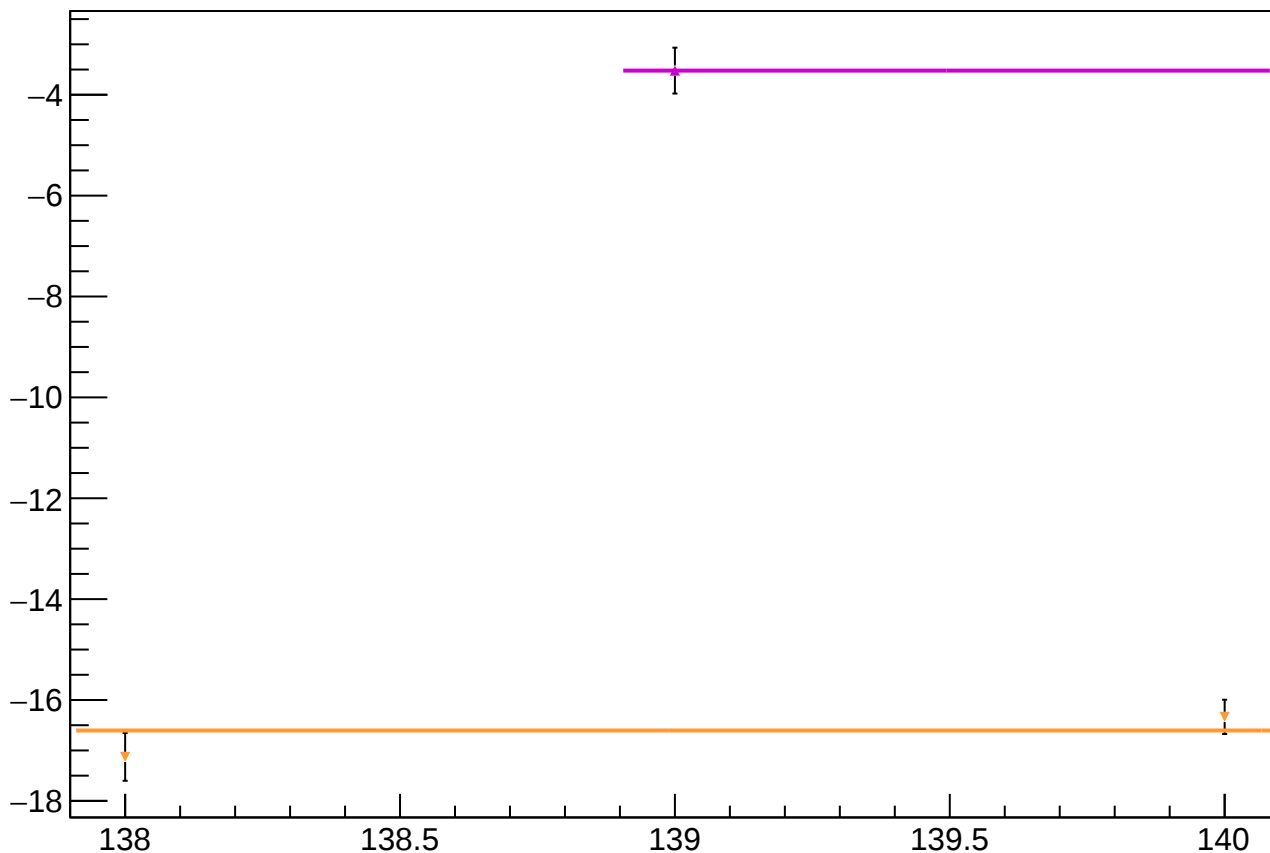
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.150+/-0.005 χ^2/NDF : 0.0/0

Out: -0.154+/-0.004 χ^2/NDF : 45.5/1

All: -0.152+/-0.003 χ^2/NDF : 46.0/2

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: -16.605+/-0.276 χ^2/NDF : 1.9/1

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

Left In: -3.521+/-0.455 χ^2/NDF : 0.0/0

Left: -13.079+/-0.236 χ^2/NDF : 606.4/2

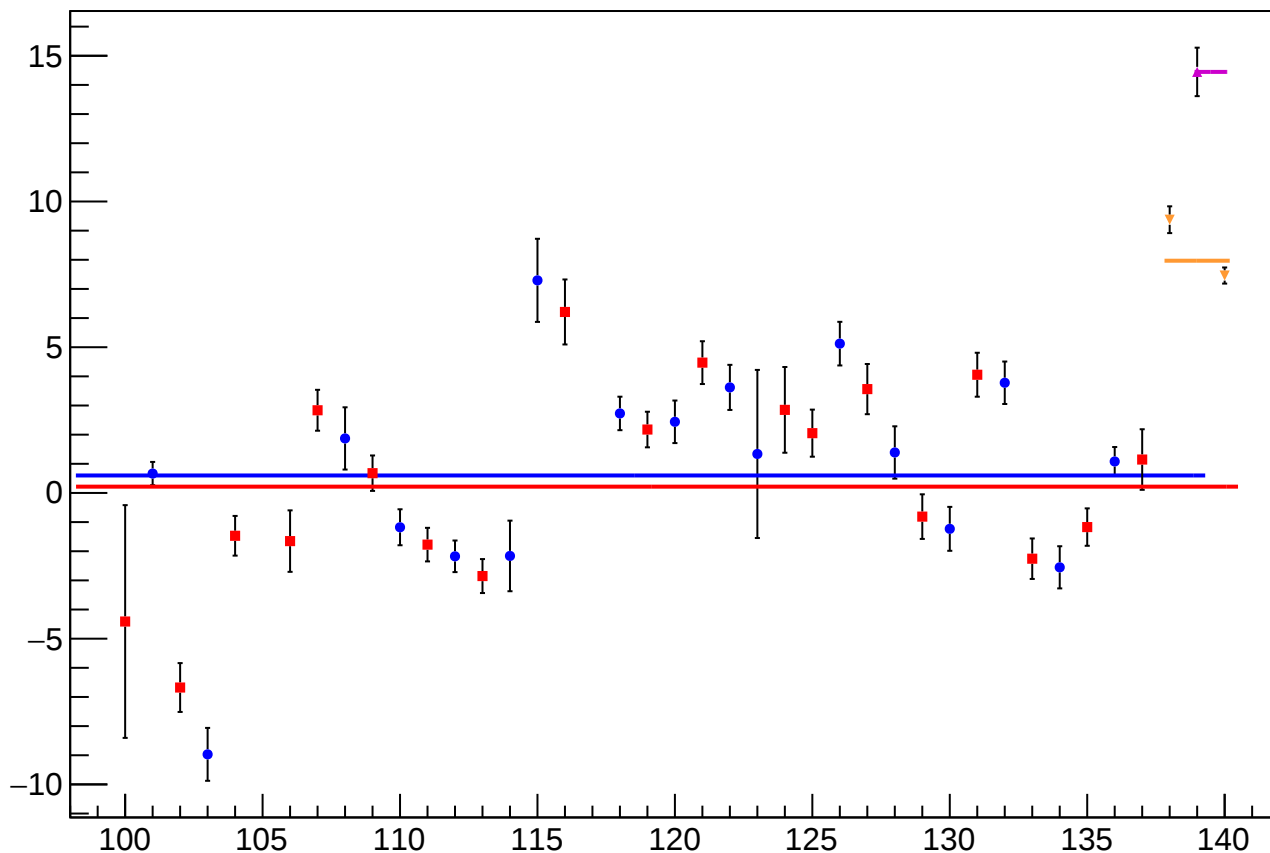
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.521+/-0.455 χ^2/NDF : 0.0/0

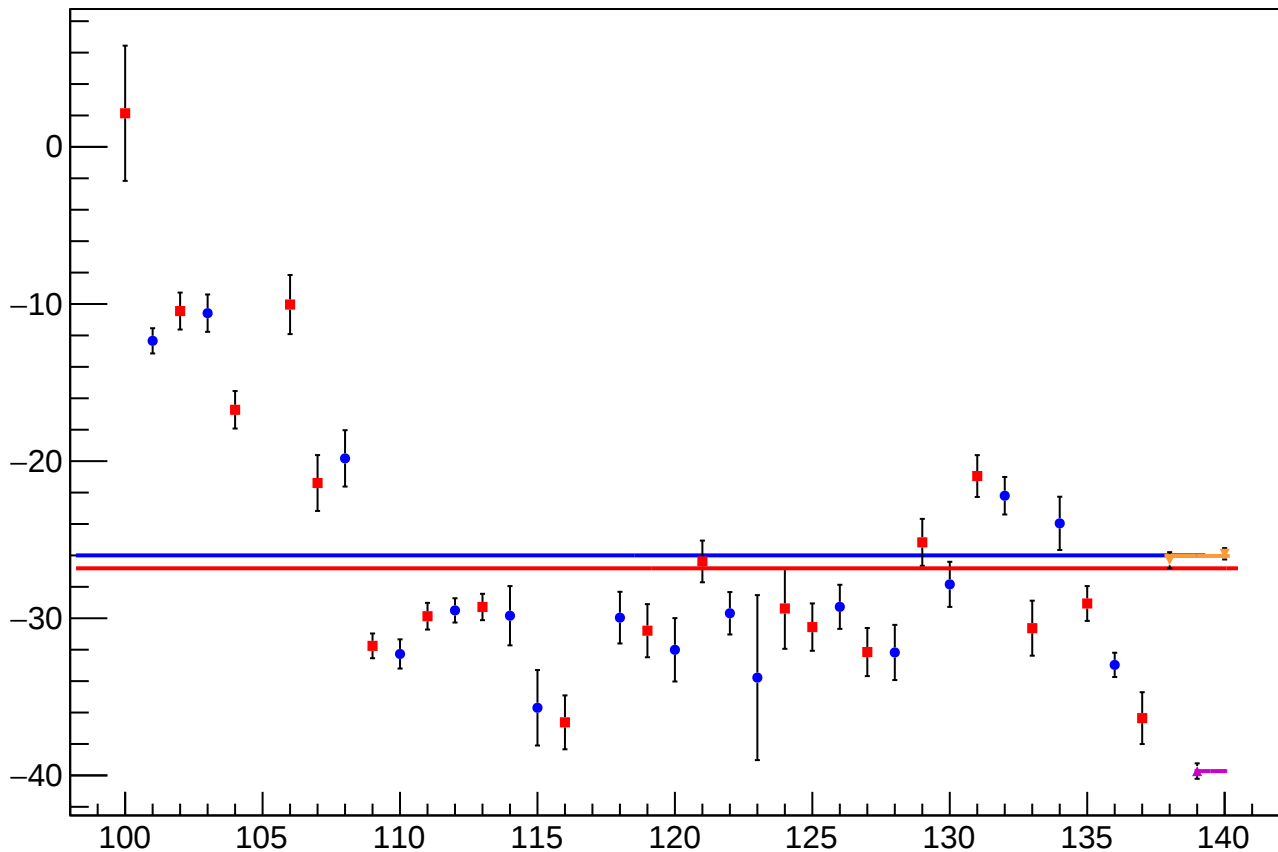
Out: -16.605+/-0.276 χ^2/NDF : 1.9/1

All: -13.079+/-0.236 χ^2/NDF : 606.4/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -26.033 ± 0.296 χ^2/NDF : 0.4/1

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -39.725 ± 0.491 χ^2/NDF : 0.0/0

Left: -29.676 ± 0.253 χ^2/NDF : 570.4/2

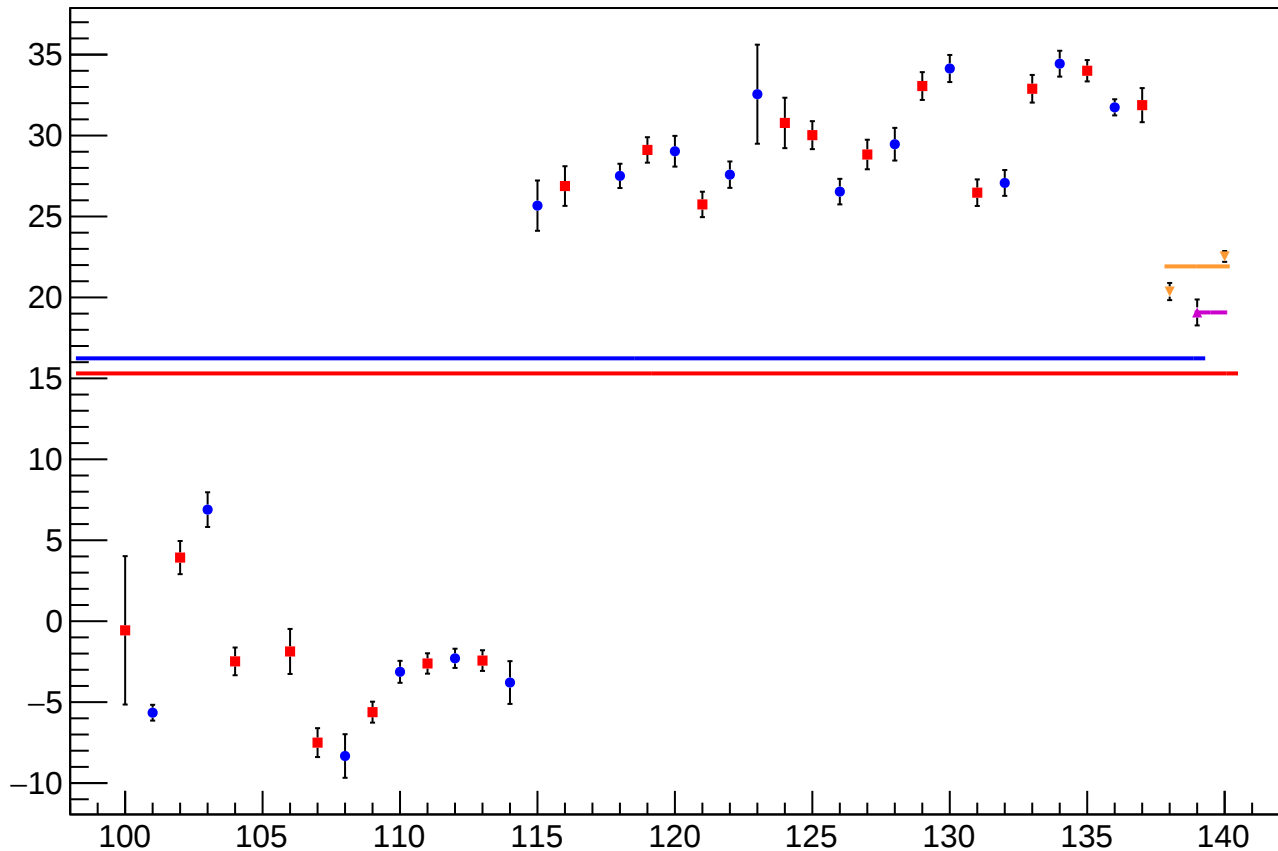
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.728 ± 0.256 χ^2/NDF : 1261.1/17

Out: -26.425 ± 0.210 χ^2/NDF : 584.9/20

All: -27.751 ± 0.162 χ^2/NDF : 1945.5/38

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: 21.917 $\pm$ 0.283 χ^2 /NDF:12.0/1

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 19.073 $\pm$ 0.802 χ^2 /NDF:0.0/0

Left: 21.603 $\pm$ 0.267 χ^2 /NDF: 23.2/2

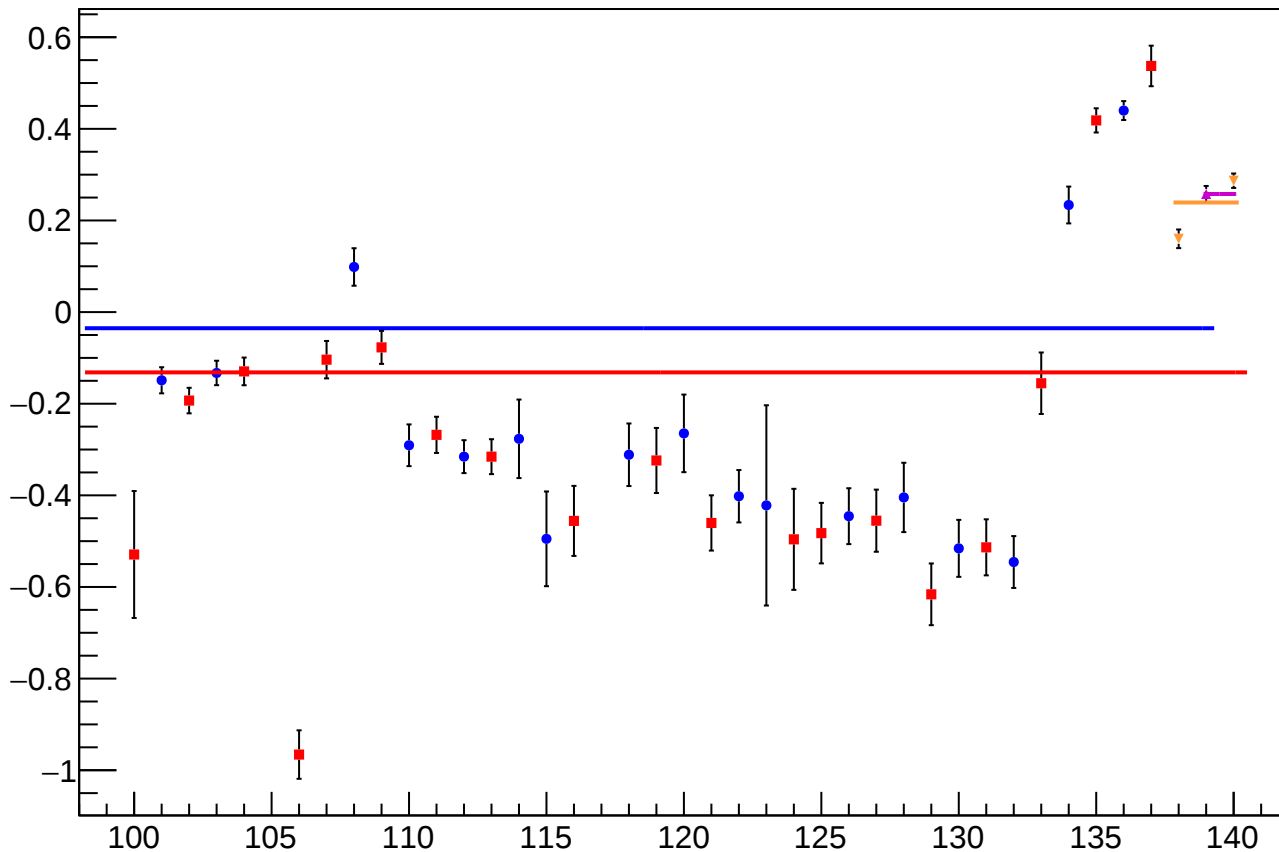
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 16.390 $\pm$ 0.186 χ^2 /NDF:7591.8/17

Out: 17.468 $\pm$ 0.162 χ^2 /NDF:7652.1/20

All: 17.005 $\pm$ 0.122 χ^2 /NDF: 15262.9/38

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: 0.239 ± 0.012 χ^2/NDF : 24.3/1

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.258 ± 0.018 χ^2/NDF : 0.0/0

Left: 0.245 ± 0.010 χ^2/NDF : 25.0/2

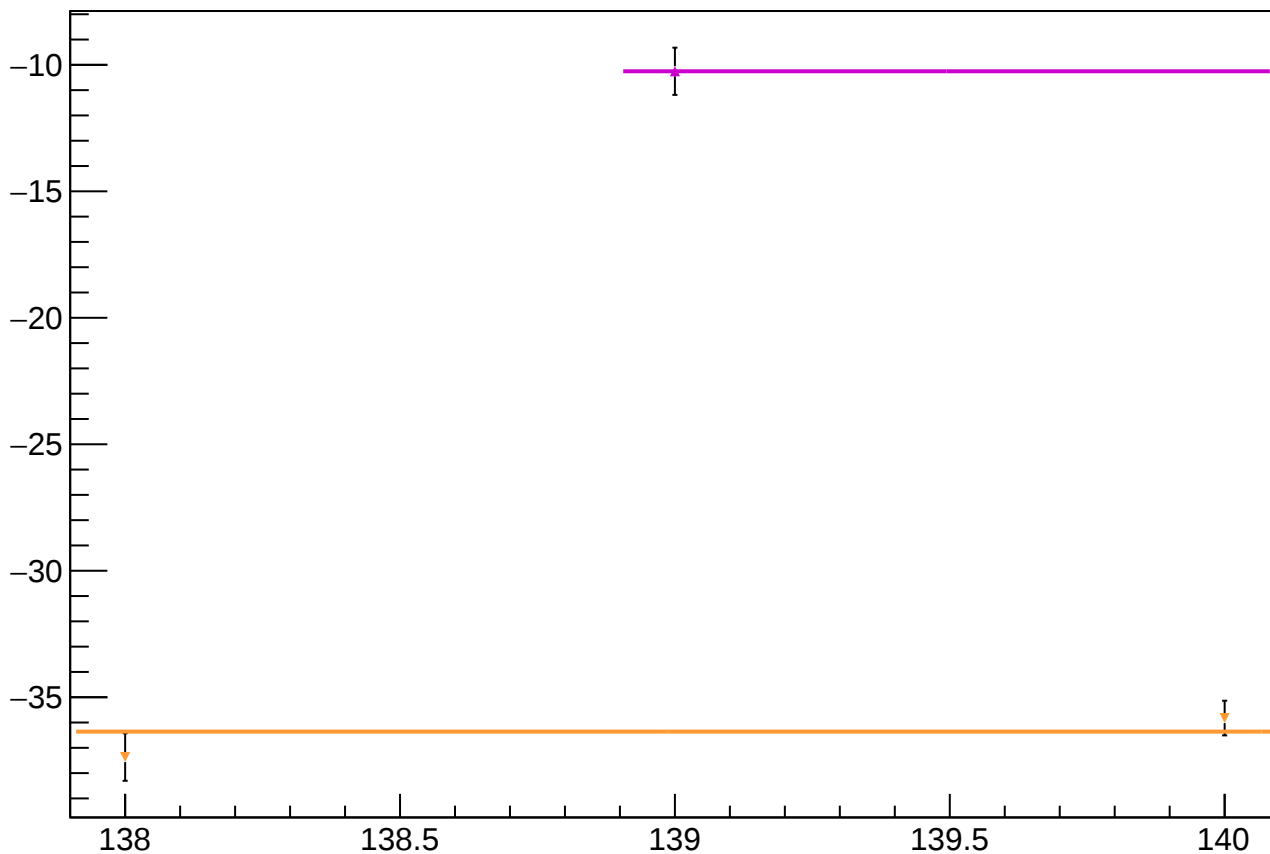
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.040 ± 0.009 χ^2/NDF : 1220.9/17

Out: 0.020 ± 0.008 χ^2/NDF : 1718.5/20

All: 0.029 ± 0.006 χ^2/NDF : 2942.2/38

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -29.566 ± 0.476 χ^2/NDF : 580.7/2

Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -10.254 ± 0.933 χ^2/NDF : 0.0/0

Out: -36.358 ± 0.553 χ^2/NDF : 1.8/1

All: -29.566 ± 0.476 χ^2/NDF : 580.7/2

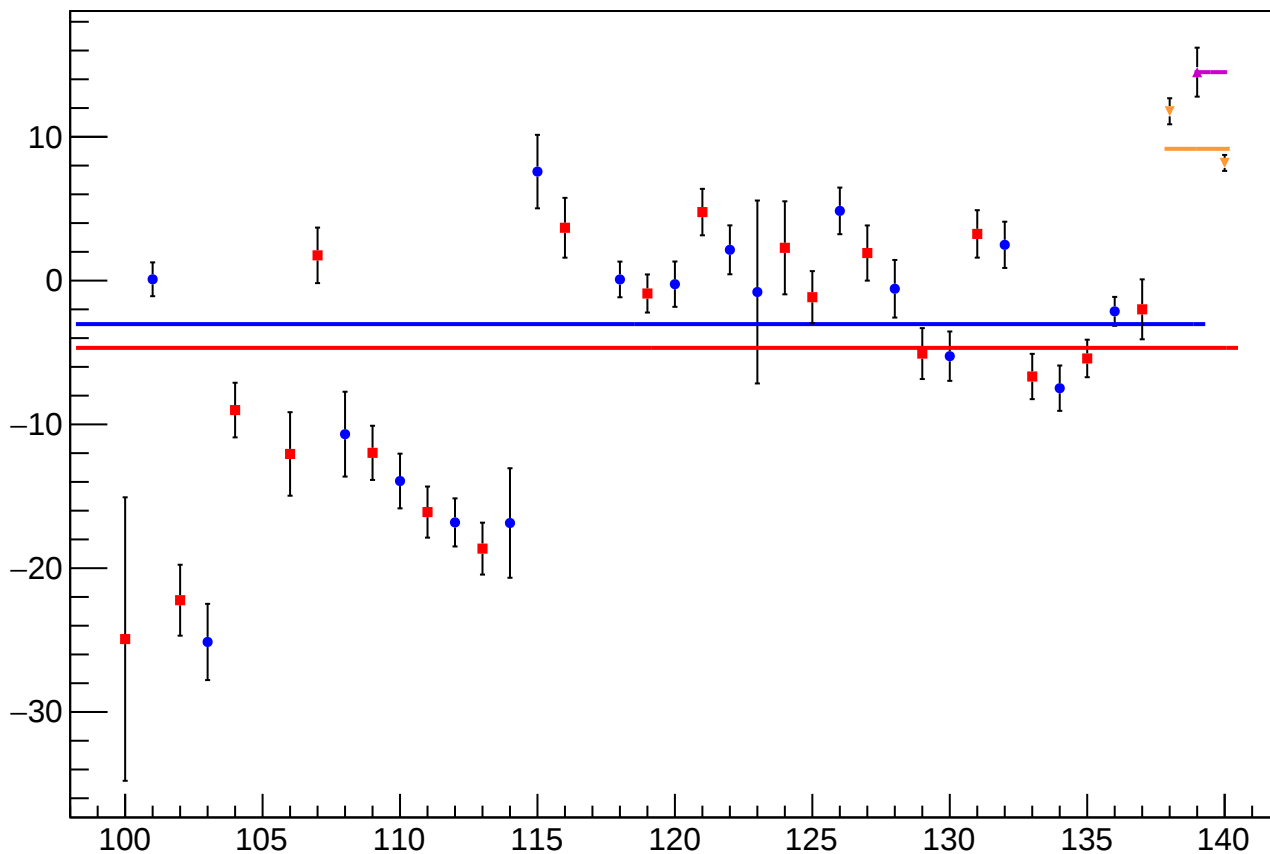
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -36.358 ± 0.553 χ^2/NDF : 1.8/1

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

Left In: -10.254 ± 0.933 χ^2/NDF : 0.0/0

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: 9.164 ± 0.473 χ^2/NDF : 11.4/1

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 14.497 ± 1.703 χ^2/NDF : 0.0/0

Left: 9.547 ± 0.456 χ^2/NDF : 20.5/2

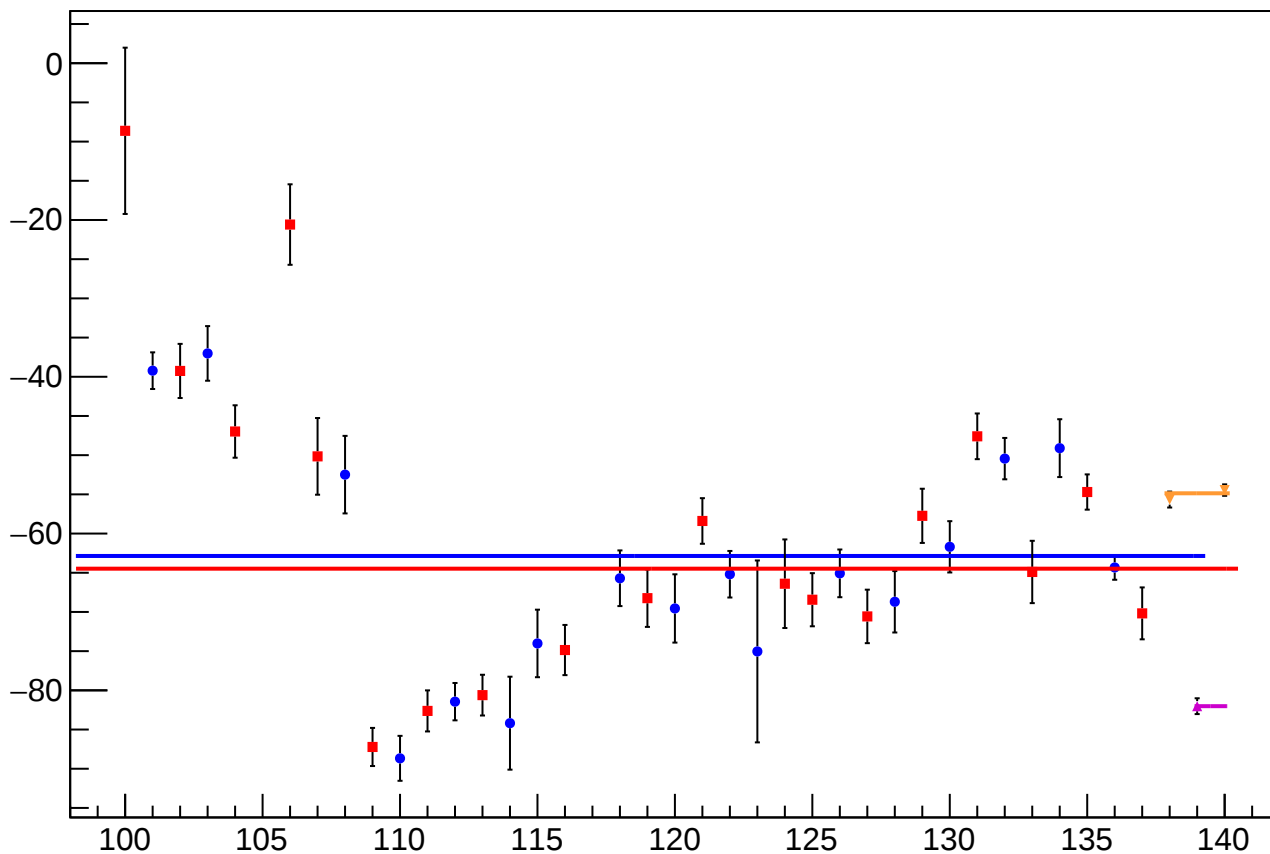
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.074 ± 0.397 χ^2/NDF : 380.8/17

Out: 1.517 ± 0.317 χ^2/NDF : 782.6/20

All: 0.120 ± 0.248 χ^2/NDF : 1213.4/38

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -54.864 ± 0.593 χ^2/NDF : 0.9/1

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -82.020 ± 1.008 χ^2/NDF : 0.0/0

Left: -61.838 ± 0.511 χ^2/NDF : 539.8/2

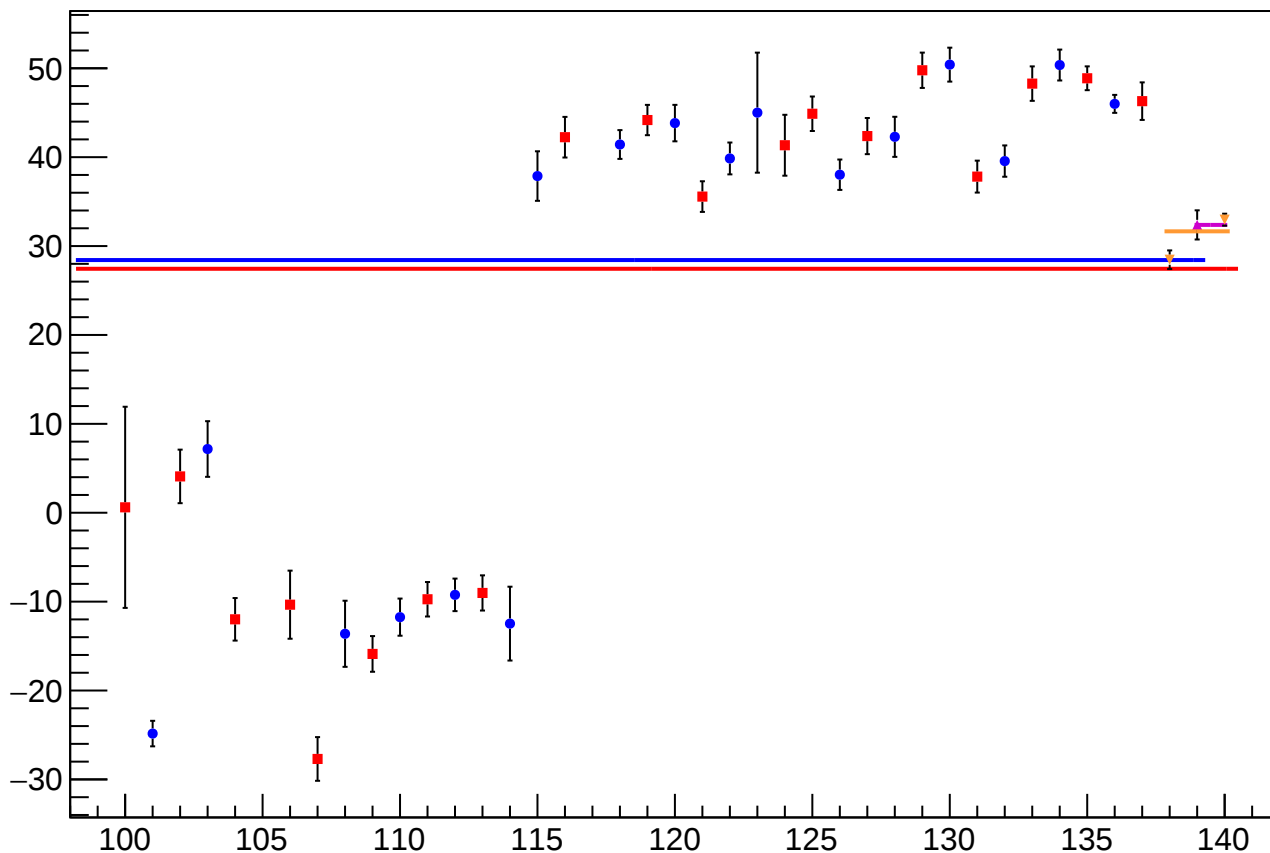
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -69.553 ± 0.596 χ^2/NDF : 602.6/17

Out: -58.555 ± 0.465 χ^2/NDF : 545.9/20

All: -62.719 ± 0.367 χ^2/NDF : 1360.0/38

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: 31.657 $\pm$ 0.565 χ^2 /NDF:13.1/1

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 32.380 $\pm$ 1.641 χ^2 /NDF:0.0/0

Left: 31.734 $\pm$ 0.535 χ^2 /NDF: 13.3/2

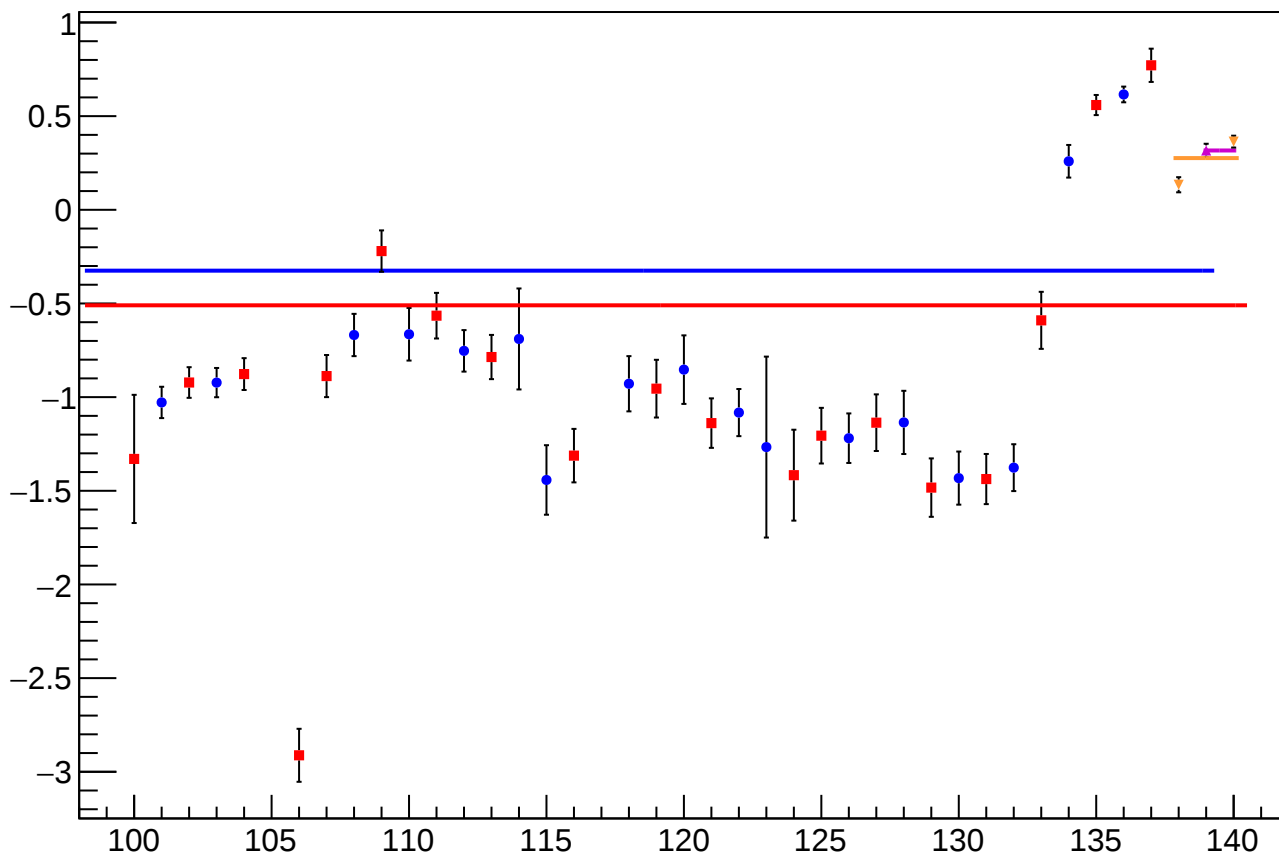
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 28.712 $\pm$ 0.441 χ^2 /NDF:3327.8/17

Out: 29.202 $\pm$ 0.365 χ^2 /NDF:3078.8/20

All: 29.002 $\pm$ 0.281 χ^2 /NDF: 6407.4/38

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: 0.276 ± 0.025 χ^2/NDF : 20.1/1

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.317 ± 0.036 χ^2/NDF : 0.0/0

Left: 0.289 ± 0.021 χ^2/NDF : 20.9/2

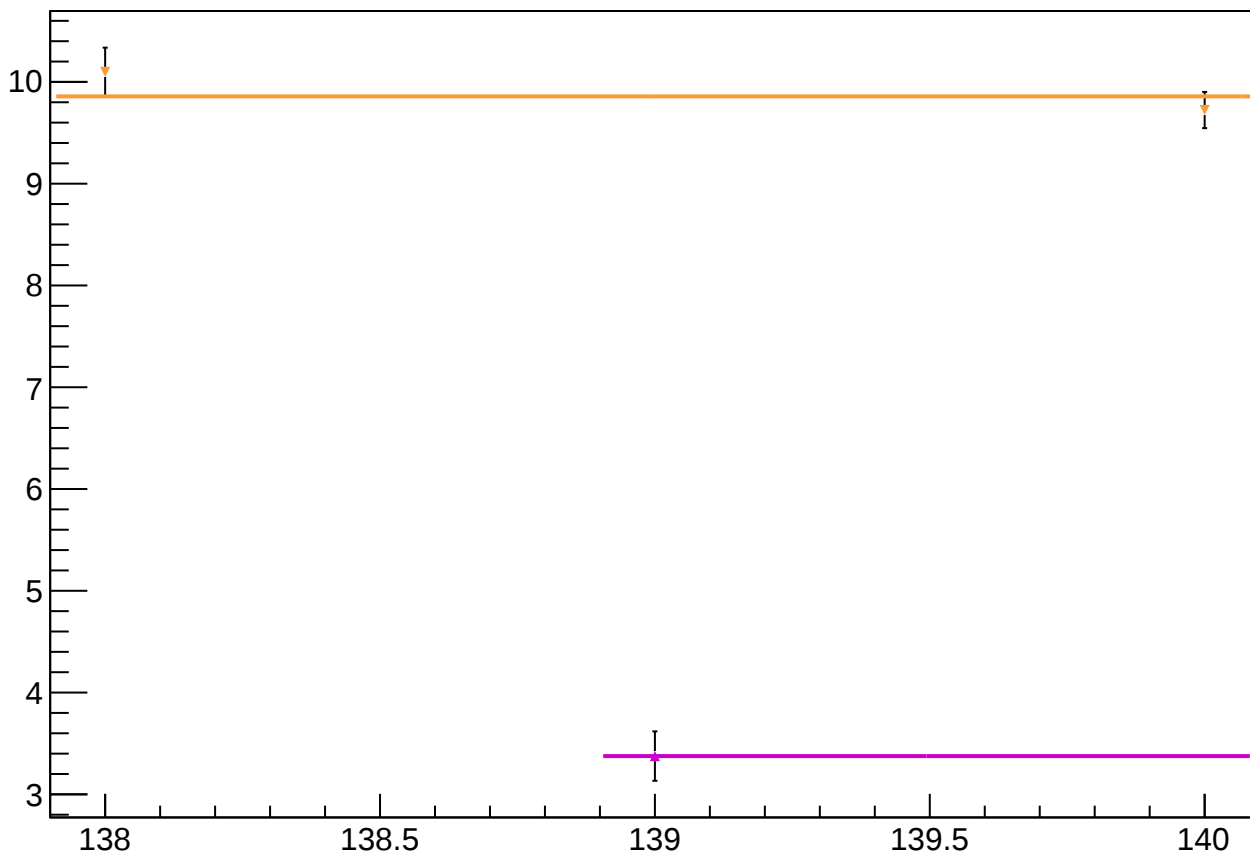
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: -0.116 ± 0.020 χ^2/NDF : 1227.2/17

Out: -0.106 ± 0.018 χ^2/NDF : 1670.2/20

All: -0.110 ± 0.013 χ^2/NDF : 2897.6/38

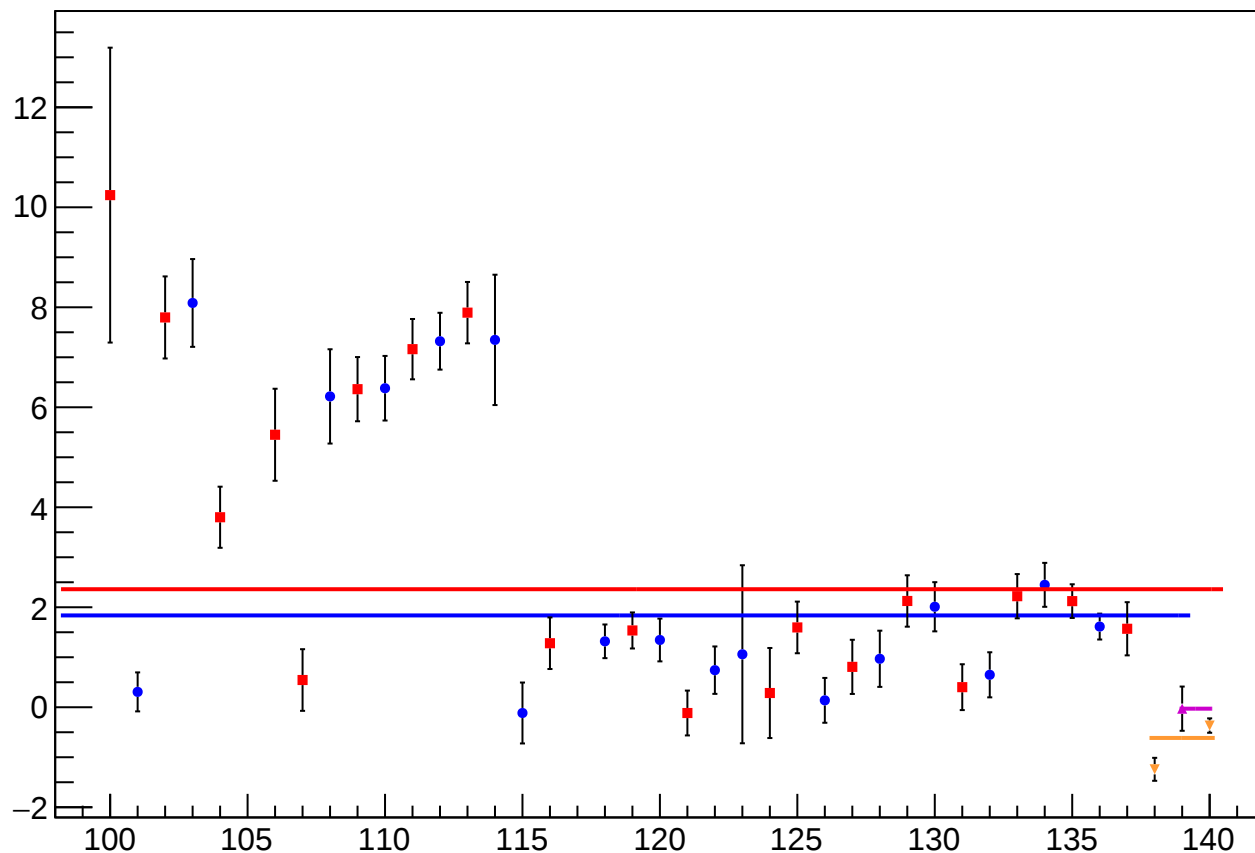
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 9.858 $\pm$ 0.143 χ^2/NDF : 1.6/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.376 $\pm$ 0.243 χ^2/NDF : 0.0/0

Left: 8.195 $\pm$ 0.123 χ^2/NDF : 531.3/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.376 $\pm$ 0.243 χ^2/NDF : 0.0/0
 Out: 9.858 $\pm$ 0.143 χ^2/NDF : 1.6/1
 All: 8.195 $\pm$ 0.123 χ^2/NDF : 531.3/2

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: -0.614 ± 0.122 χ^2/NDF : 10.4/1

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: -0.028 ± 0.442 χ^2/NDF : 0.0/0

Left: -0.572 ± 0.118 χ^2/NDF : 12.0/2

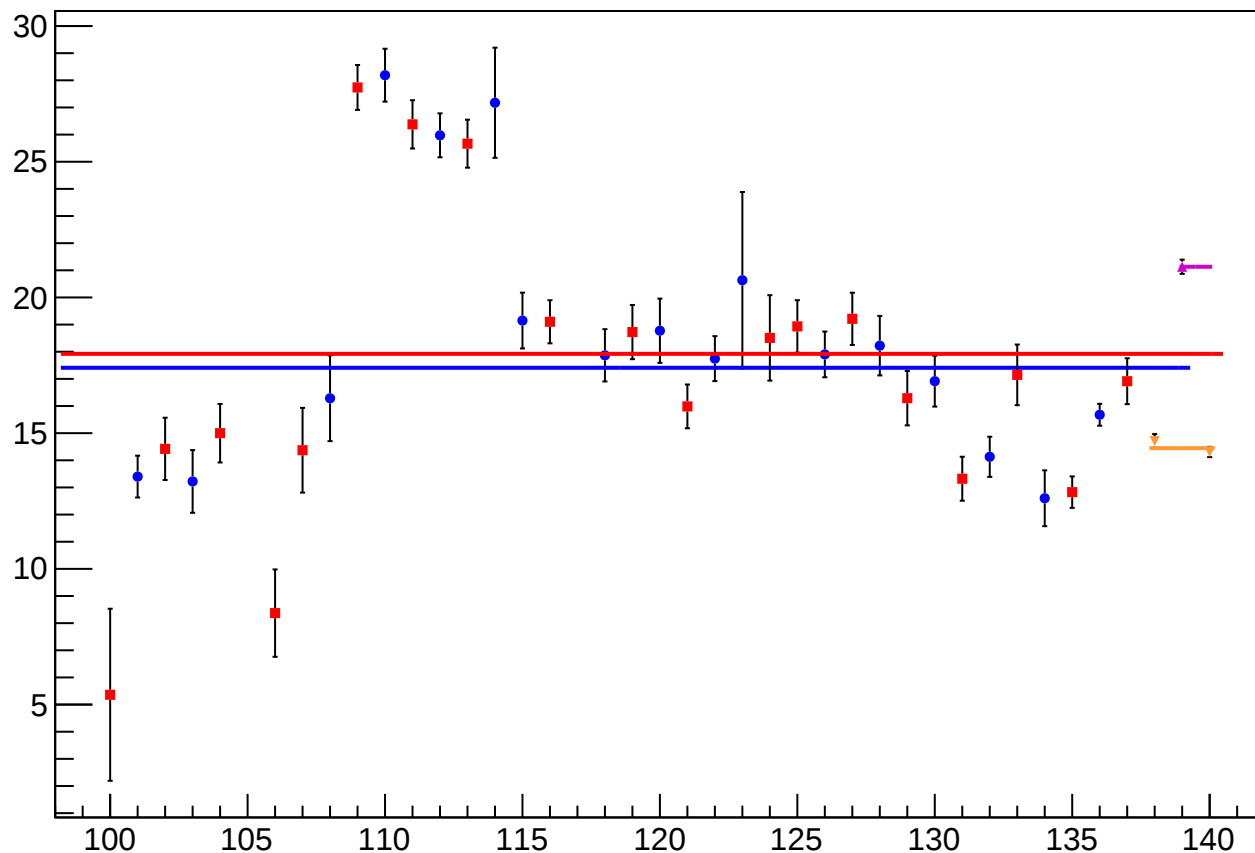
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.716 ± 0.112 χ^2/NDF : 310.7/17

Out: 0.870 ± 0.086 χ^2/NDF : 643.2/20

All: 1.185 ± 0.069 χ^2/NDF : 989.6/38

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: 14.447 $\pm$ 0.153 χ^2 /NDF: 1.6/1

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 21.131 $\pm$ 0.263 χ^2 /NDF: 0.0/0

Left: 16.138 $\pm$ 0.132 χ^2 /NDF: 485.8/2

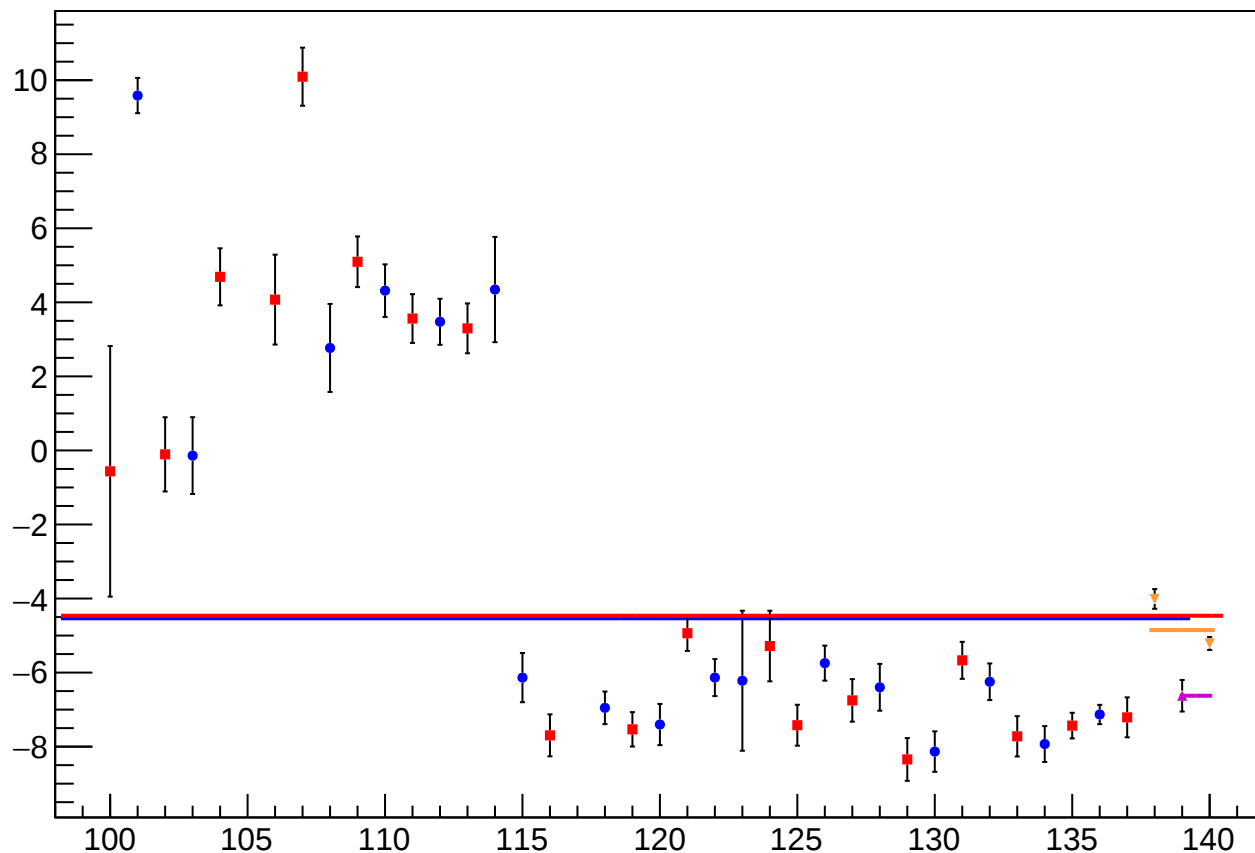
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 18.878 $\pm$ 0.165 χ^2 /NDF: 486.8/17

Out: 15.586 $\pm$ 0.125 χ^2 /NDF: 677.6/20

All: 16.791 $\pm$ 0.100 χ^2 /NDF: 1417.0/38

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: -4.852 ± 0.146 χ^2/NDF : 14.3/1

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.625 ± 0.426 χ^2/NDF : 0.0/0

Left: -5.038 ± 0.138 χ^2/NDF : 29.8/2

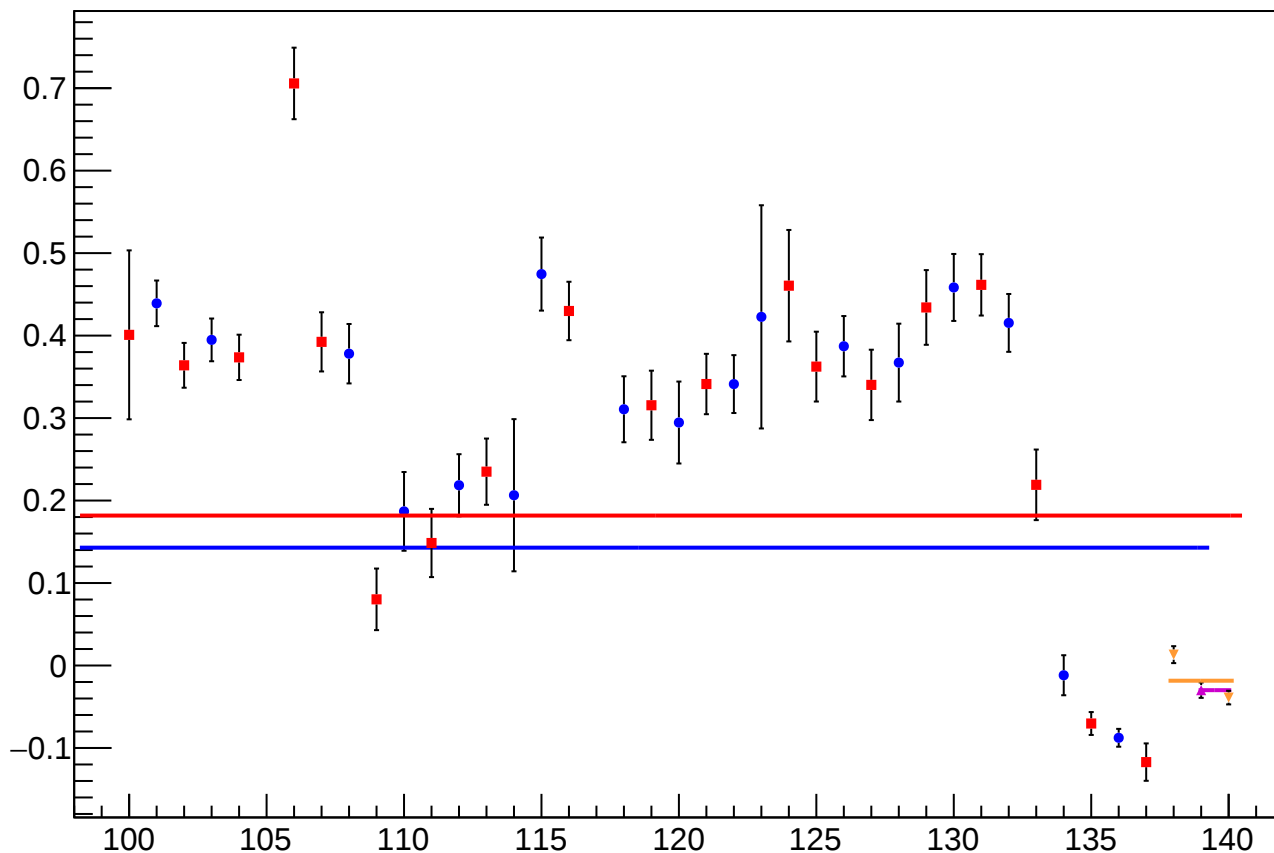
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -4.711 ± 0.124 χ^2/NDF : 1610.4/17

Out: -4.646 ± 0.100 χ^2/NDF : 1358.7/20

All: -4.671 ± 0.078 χ^2/NDF : 2969.3/38

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.018 $\pm$ 0.006 χ^2 /NDF:15.6/1

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.030 $\pm$ 0.009 χ^2 /NDF:0.0/0

Left: -0.022 $\pm$ 0.005 χ^2 /NDF: 16.6/2

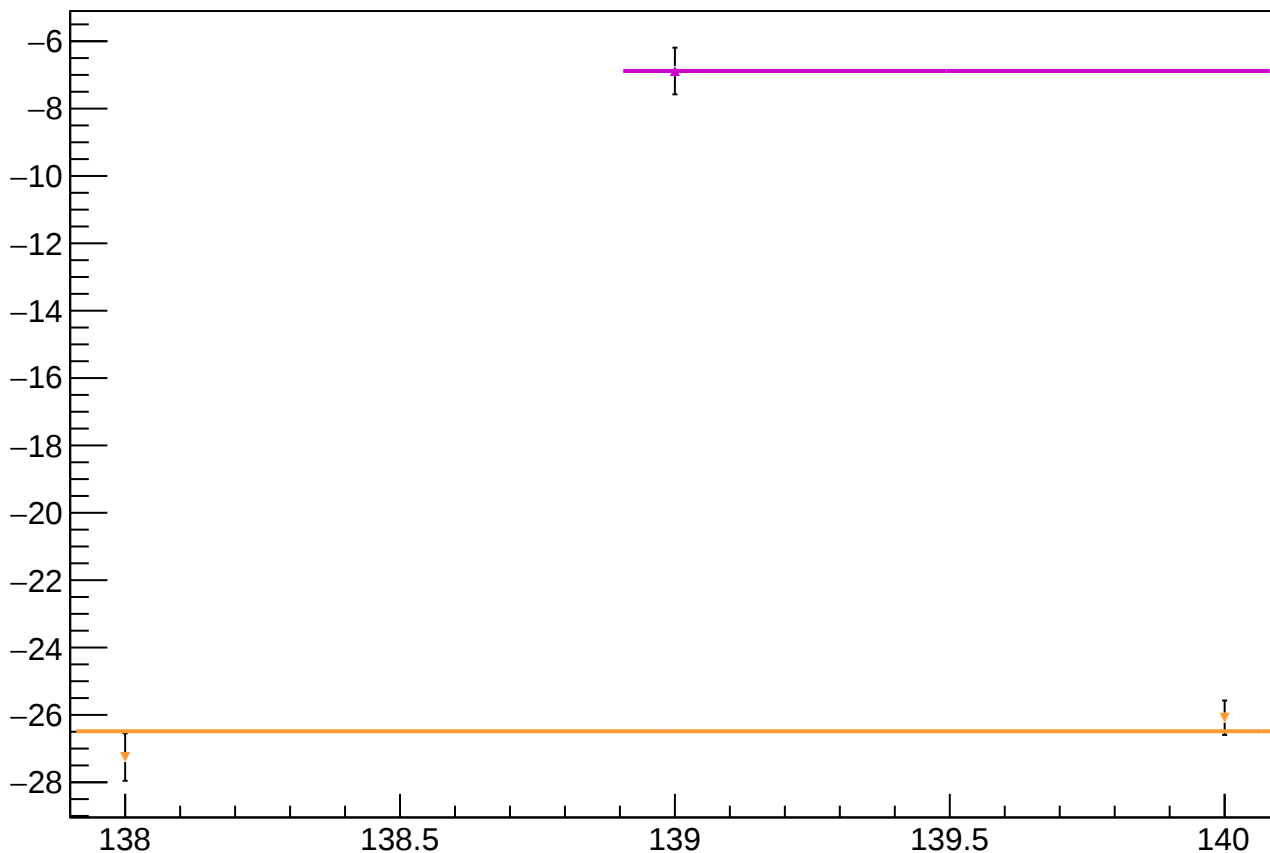
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.080 $\pm$ 0.006 χ^2 /NDF:1277.1/17

Out: 0.068 $\pm$ 0.005 χ^2 /NDF:1441.6/20

All: 0.073 $\pm$ 0.004 χ^2 /NDF: 2721.3/38

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: -26.486+/-0.413 χ^2/NDF : 1.8/1

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

Left In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Left: -21.337+/-0.355 χ^2/NDF : 592.2/2

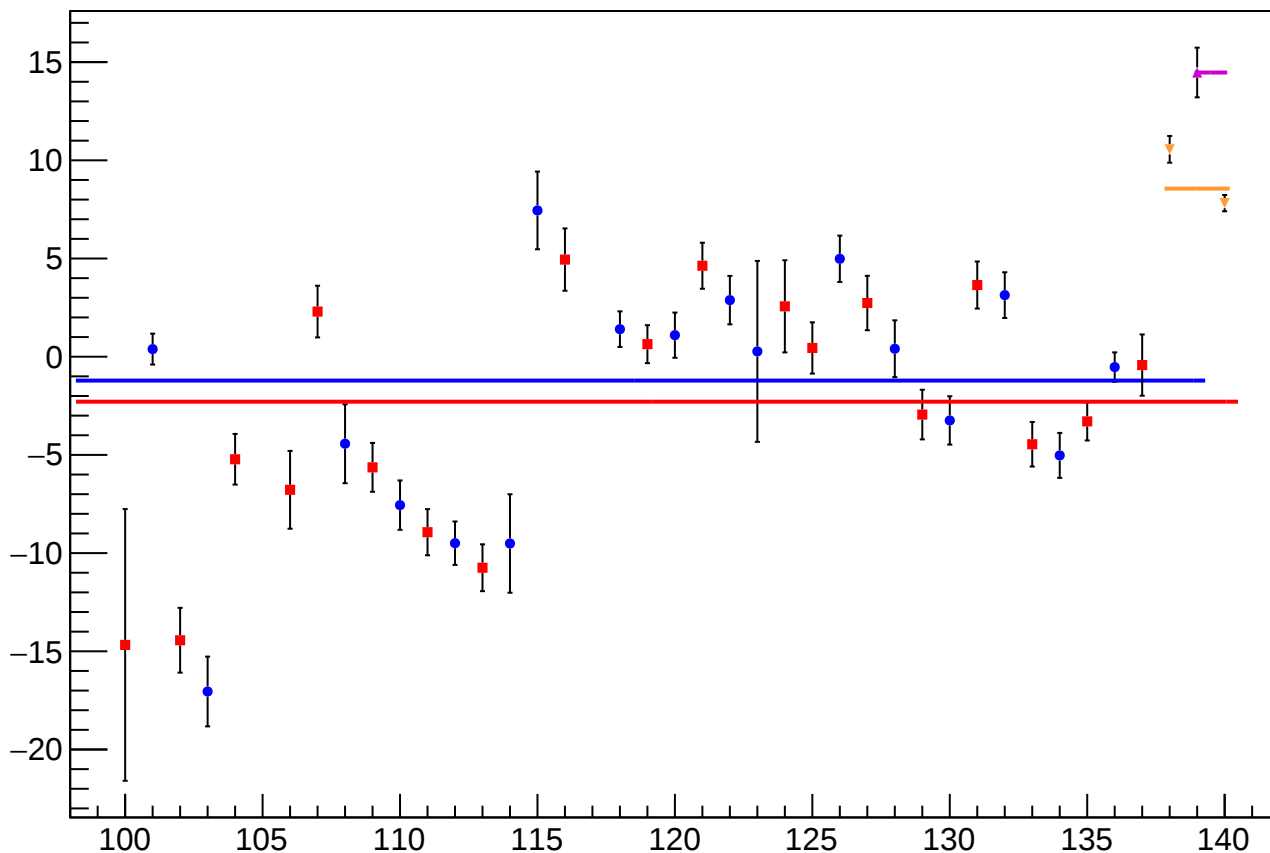
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Out: -26.486+/-0.413 χ^2/NDF : 1.8/1

All: -21.337+/-0.355 χ^2/NDF : 592.2/2

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: 8.559 ± 0.354 χ^2/NDF : 11.8/1

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 14.471 ± 1.265 χ^2/NDF : 0.0/0

Left: 8.988 ± 0.341 χ^2/NDF : 32.1/2

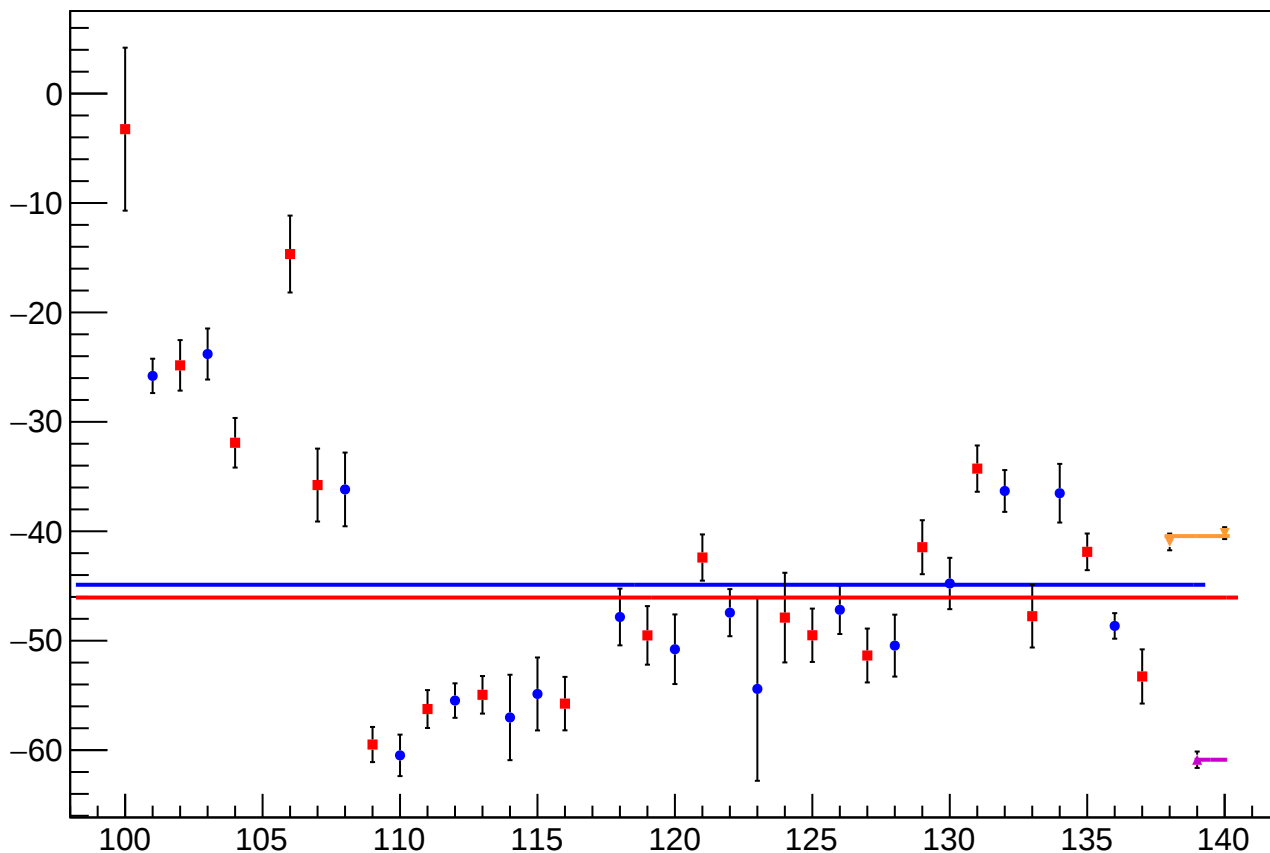
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.430 ± 0.283 χ^2/NDF : 424.8/17

Out: 2.285 ± 0.230 χ^2/NDF : 842.6/20

All: 1.206 ± 0.178 χ^2/NDF : 1322.9/38

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: -40.439 ± 0.443 χ^2/NDF : 0.7/1

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -60.878 ± 0.749 χ^2/NDF : 0.0/0

Left: -45.739 ± 0.381 χ^2/NDF : 553.0/2

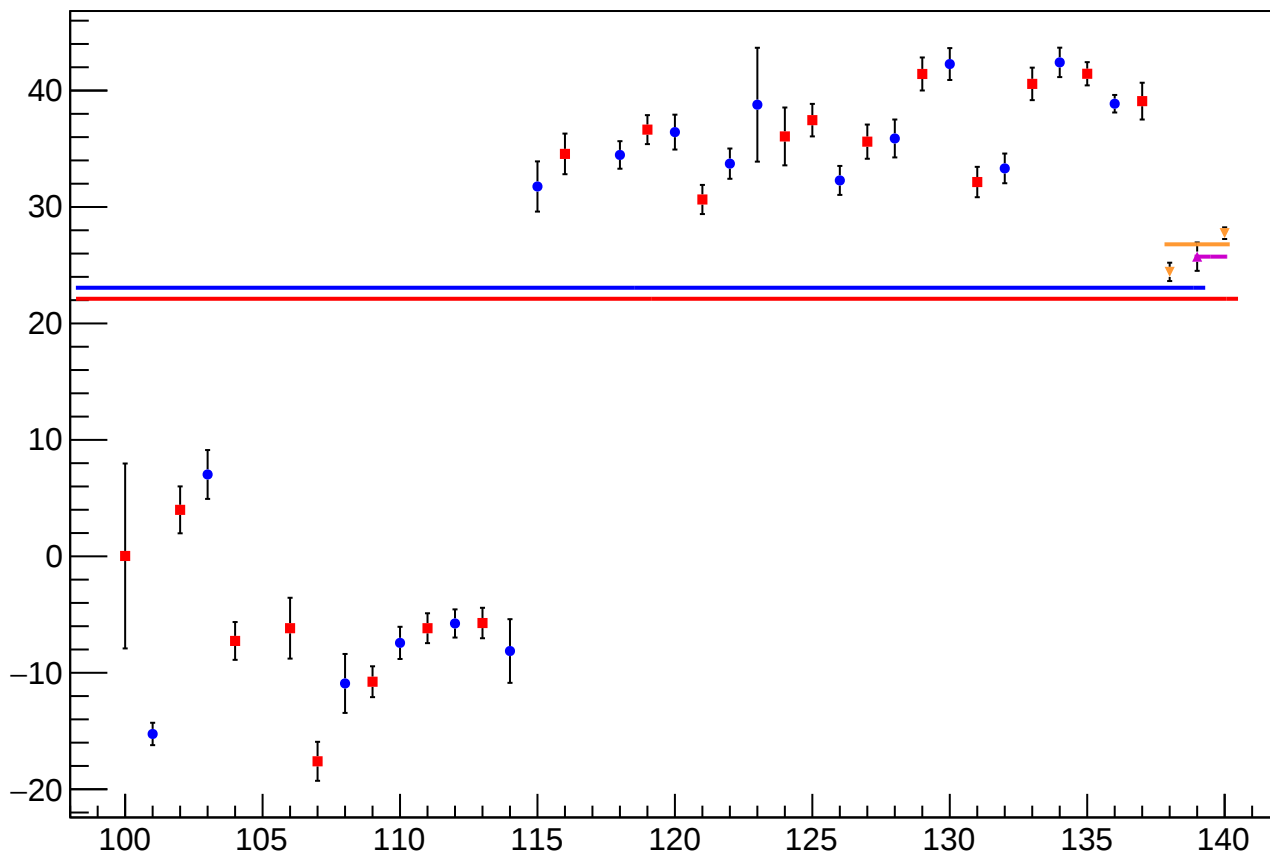
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -50.138 ± 0.429 χ^2/NDF : 726.9/17

Out: -42.758 ± 0.339 χ^2/NDF : 520.9/20

All: -45.599 ± 0.266 χ^2/NDF : 1429.9/38

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: 26.795 $\pm$ 0.423 χ^2 /NDF:12.7/1

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 25.736 $\pm$ 1.219 χ^2 /NDF:0.0/0

Left: 26.681 $\pm$ 0.399 χ^2 /NDF: 13.4/2

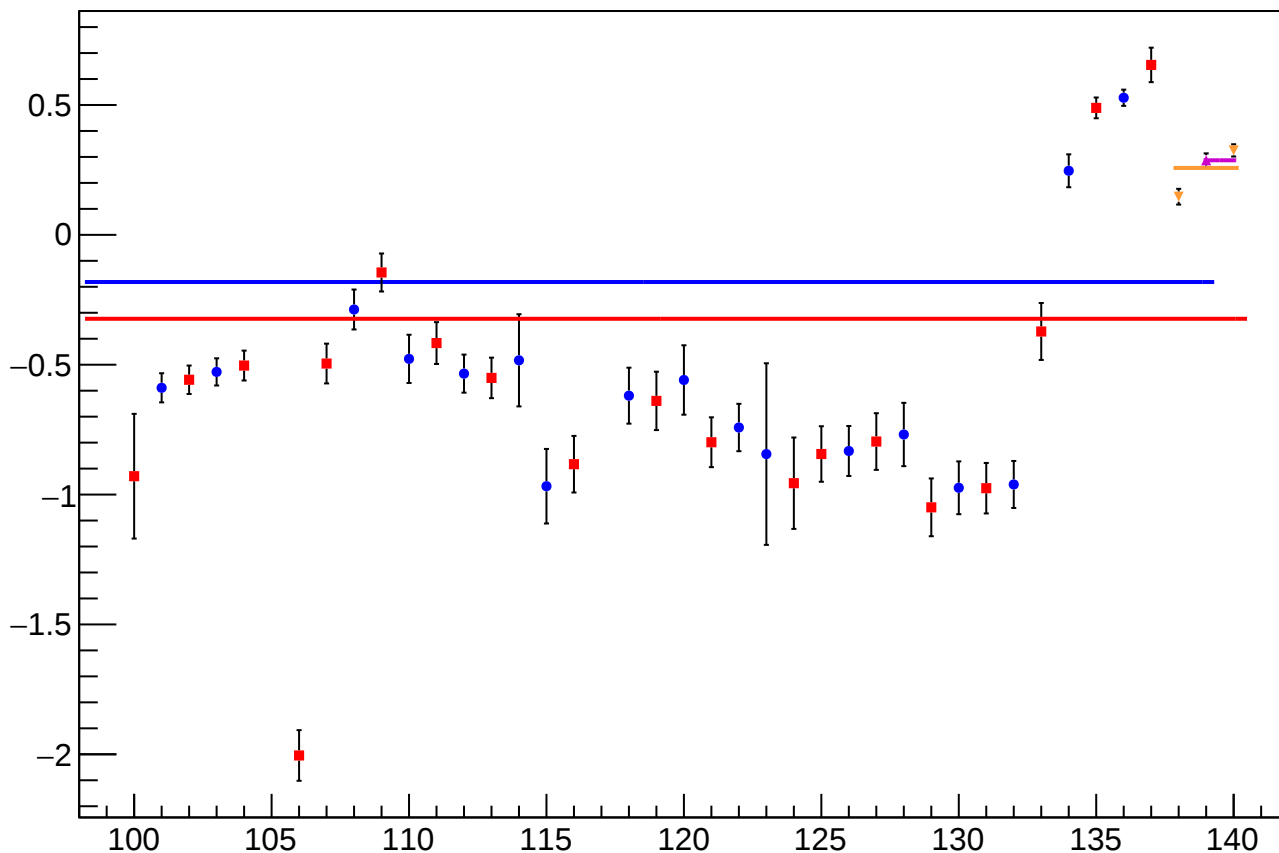
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 23.245 $\pm$ 0.315 χ^2 /NDF:4337.9/17

Out: 23.954 $\pm$ 0.265 χ^2 /NDF:4120.4/20

All: 23.661 $\pm$ 0.203 χ^2 /NDF: 8461.3/38

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: 0.258 ± 0.019 χ^2/NDF : 21.5/1

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.287 ± 0.027 χ^2/NDF : 0.0/0

Left: 0.267 ± 0.015 χ^2/NDF : 22.3/2

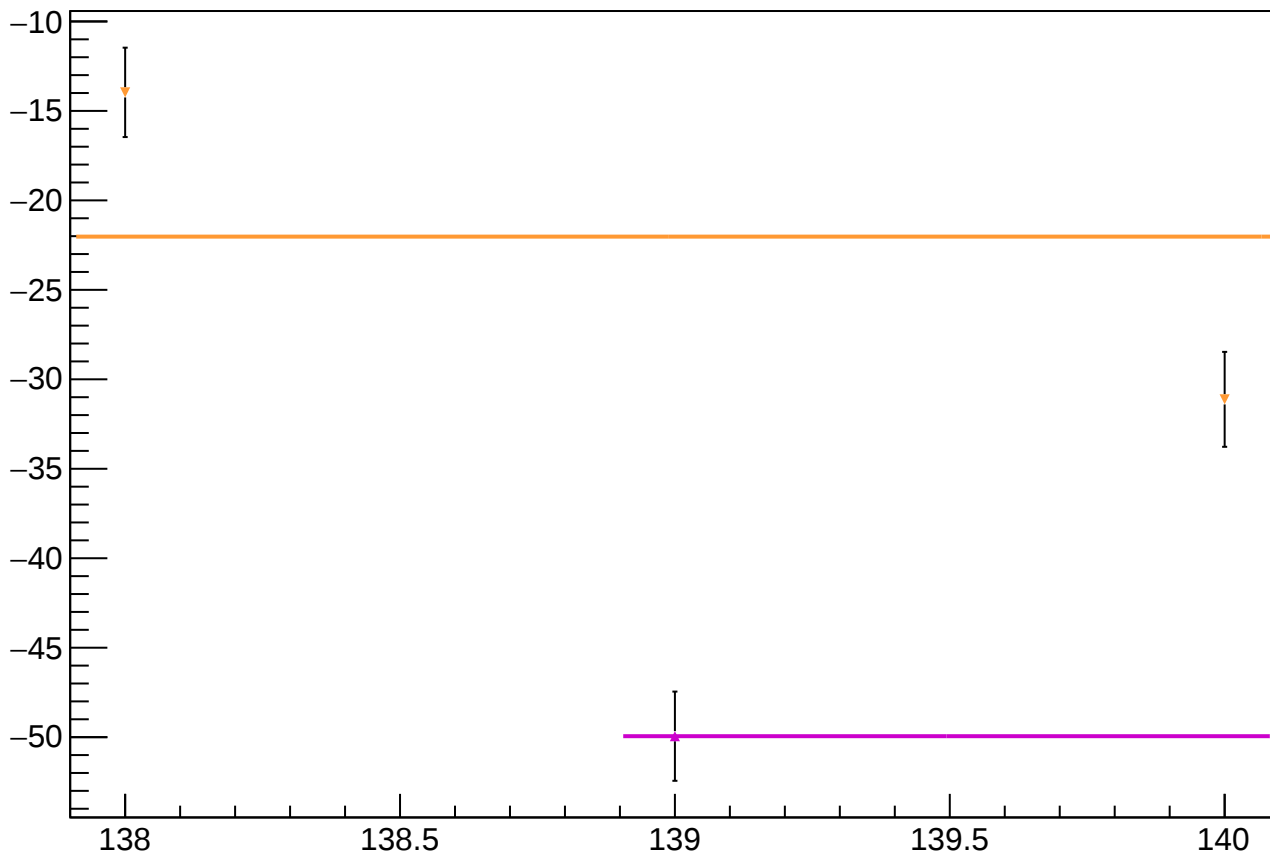
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: -0.038 ± 0.015 χ^2/NDF : 1211.0/17

Out: -0.040 ± 0.013 χ^2/NDF : 1703.1/20

All: -0.039 ± 0.010 χ^2/NDF : 2914.1/38

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.025+/-1.819 χ^2/NDF : 22.2/1

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

Left In: -49.945+/-2.493 χ^2/NDF : 0.0/0

Left: -31.722+/-1.469 χ^2/NDF : 104.0/2

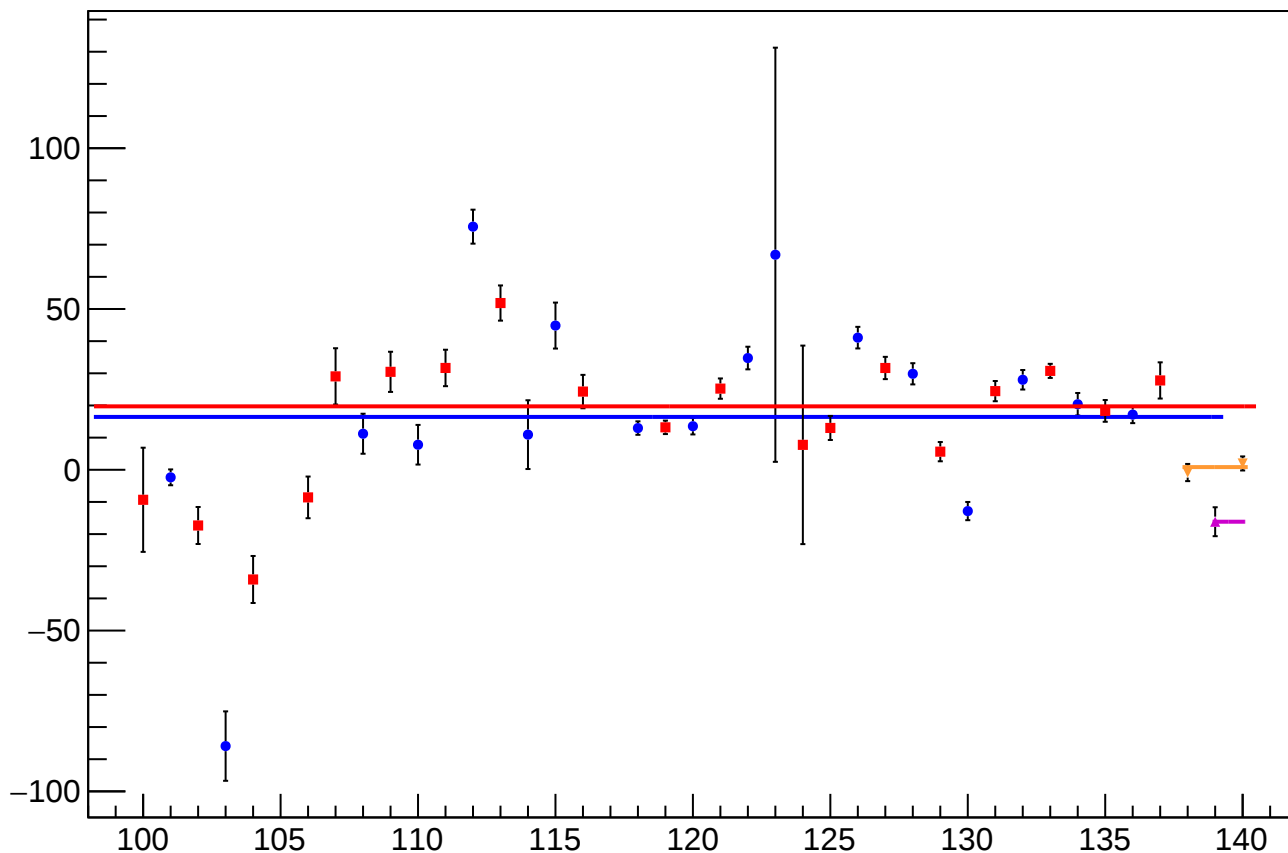
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.945+/-2.493 χ^2/NDF : 0.0/0

Out: -22.025+/-1.819 χ^2/NDF : 22.2/1

All: -31.722+/-1.469 χ^2/NDF : 104.0/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 0.836+/-1.692 χ^2/NDF : 0.7/1

Right Out: 19.724+/-0.898 χ^2/NDF : 241.7/18

Left In: -16.151+/-4.498 χ^2/NDF : 0.0/0

Left: -1.270+/-1.584 χ^2/NDF : 13.2/2

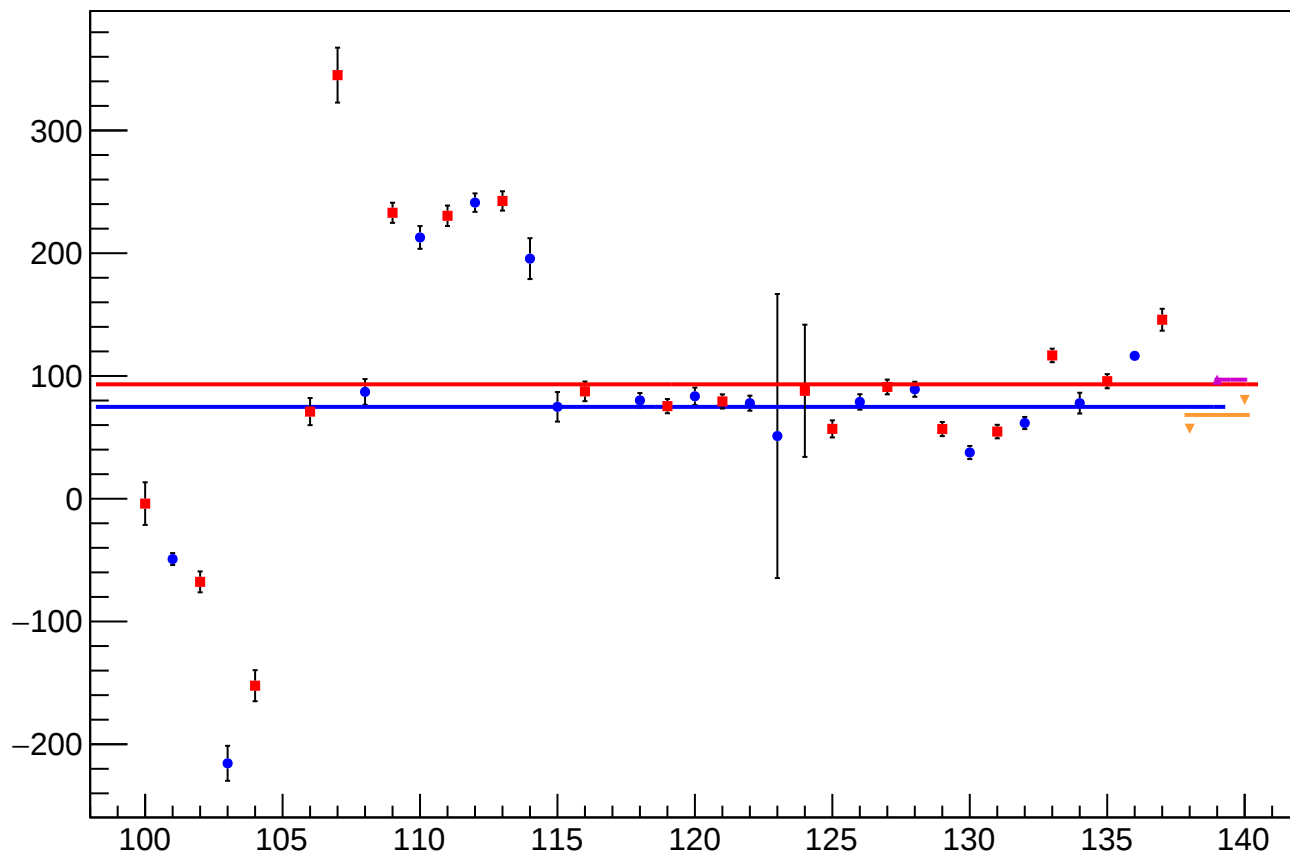
Right: 17.989+/-0.617 χ^2/NDF : 765.7/35

In: 15.319+/-0.834 χ^2/NDF : 567.6/17

Out: 15.575+/-0.793 χ^2/NDF : 339.6/20

All: 15.453+/-0.575 χ^2/NDF : 907.3/38

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 68.260+/-1.956 χ^2/NDF : 36.0/1

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 96.985+/-2.699 χ^2/NDF : 0.0/0

Left: 78.151+/-1.584 χ^2/NDF : 110.3/2

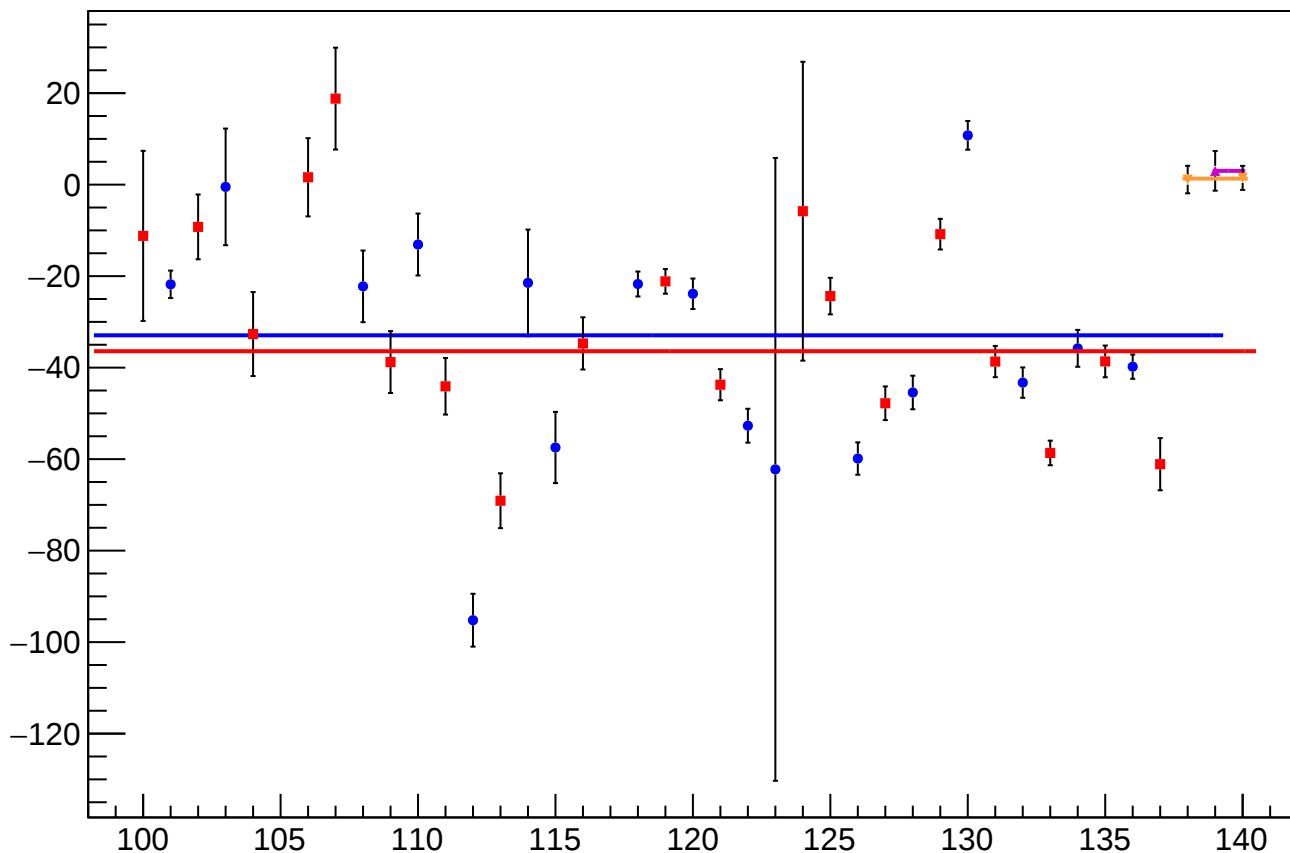
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 80.793+/-1.401 χ^2/NDF : 2046.1/17

Out: 82.384+/-1.288 χ^2/NDF : 2128.9/20

All: 81.655+/-0.948 χ^2/NDF : 4175.6/38

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 1.318 ± 1.978 χ^2/NDF : 0.0/1

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: 3.010 ± 4.330 χ^2/NDF : 0.0/0

Left: 1.610 ± 1.799 χ^2/NDF : 0.1/2

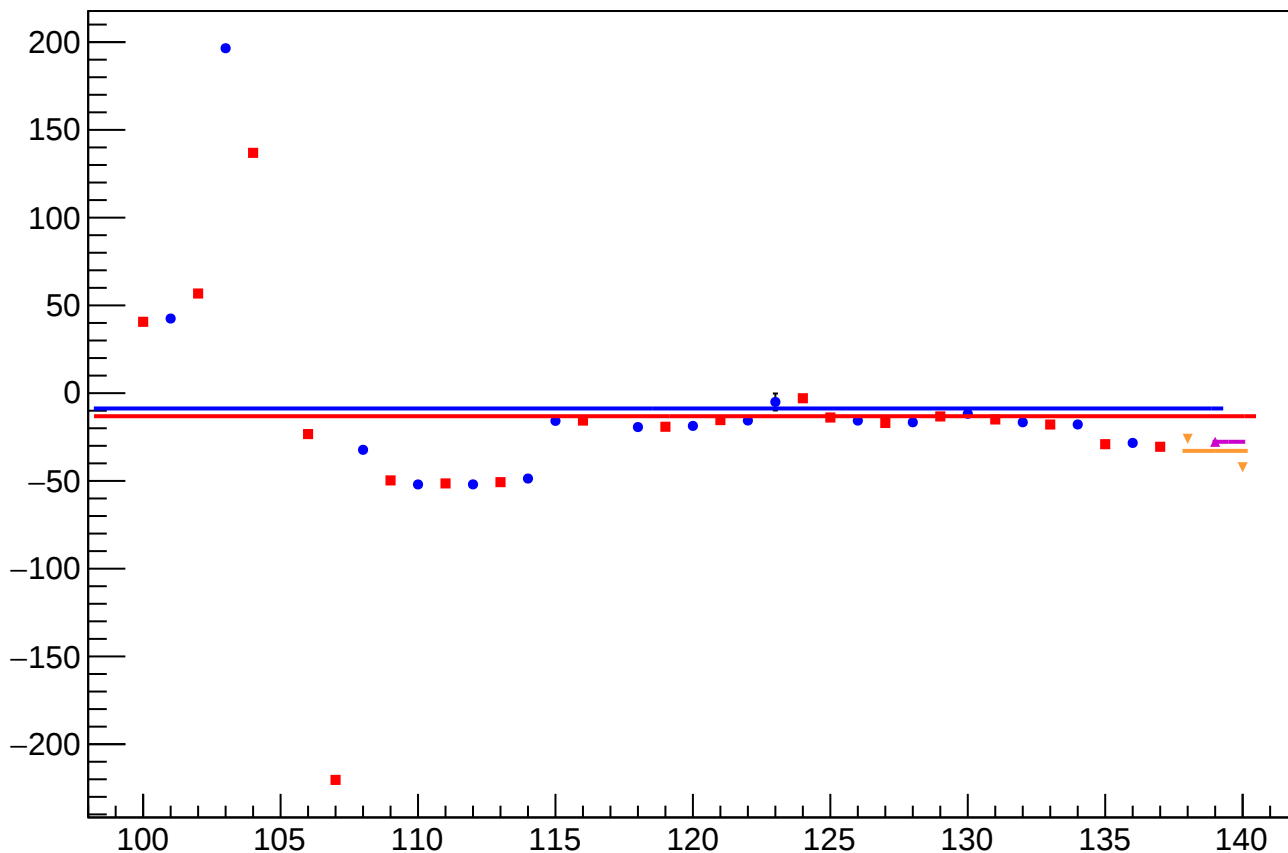
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -31.207 ± 0.950 χ^2/NDF : 556.3/17

Out: -28.422 ± 0.910 χ^2/NDF : 581.9/20

All: -29.755 ± 0.657 χ^2/NDF : 1142.7/38

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -32.877 ± 0.080 $\chi^2/\text{NDF}: 10047.9/1$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -27.705 ± 0.095 $\chi^2/\text{NDF}: 0.0/0$

Left: -30.735 ± 0.061 $\chi^2/\text{NDF}: 11779.6/2$

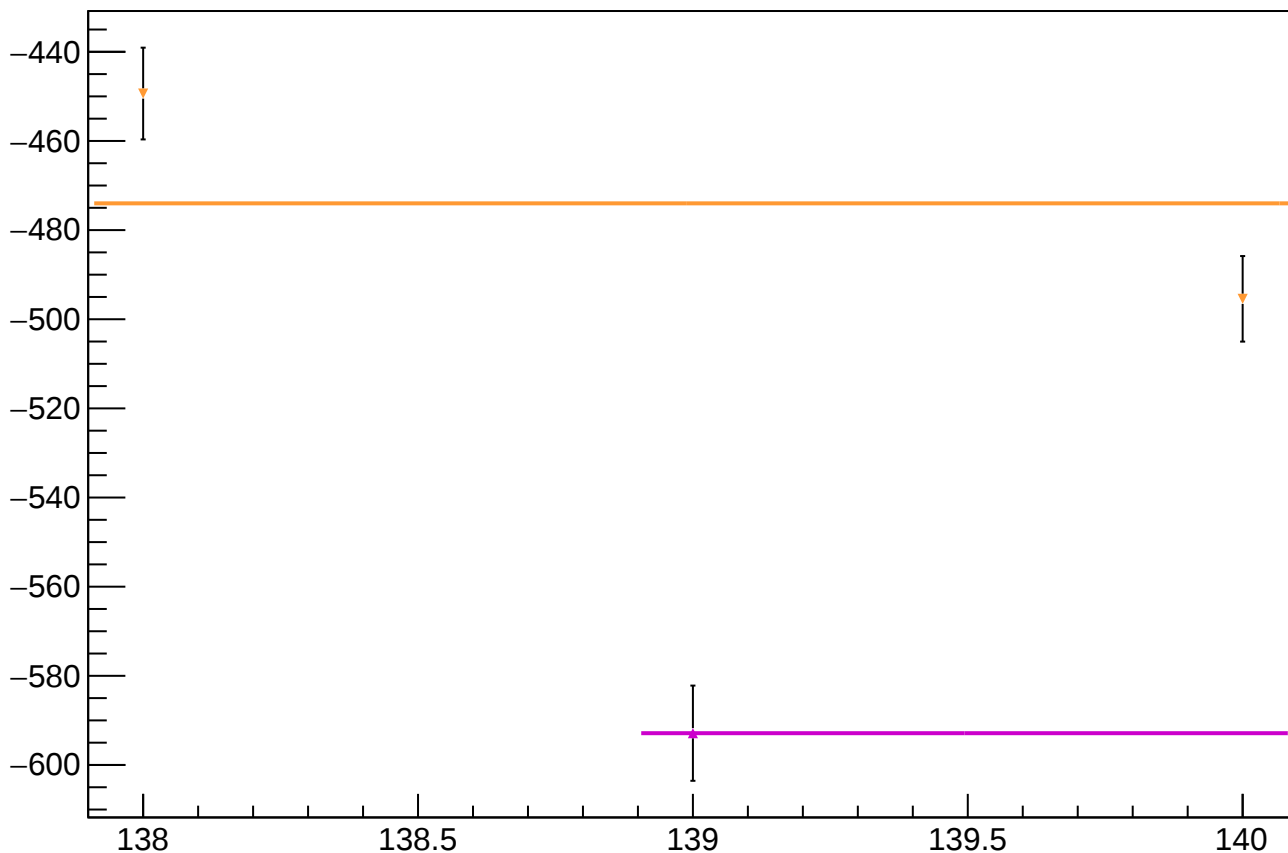
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -13.979 ± 0.050 $\chi^2/\text{NDF}: 604625.9/17$

Out: -20.506 ± 0.049 $\chi^2/\text{NDF}: 606837.7/20$

All: -17.320 ± 0.035 $\chi^2/\text{NDF}: 1220167.5/38$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -473.999+/-7.019 χ^2/NDF :10.7/1

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

Left In: -592.872+/-10.680 χ^2/NDF :0.0/0

Left: -509.859+/-5.866 χ^2/NDF : 97.2/2

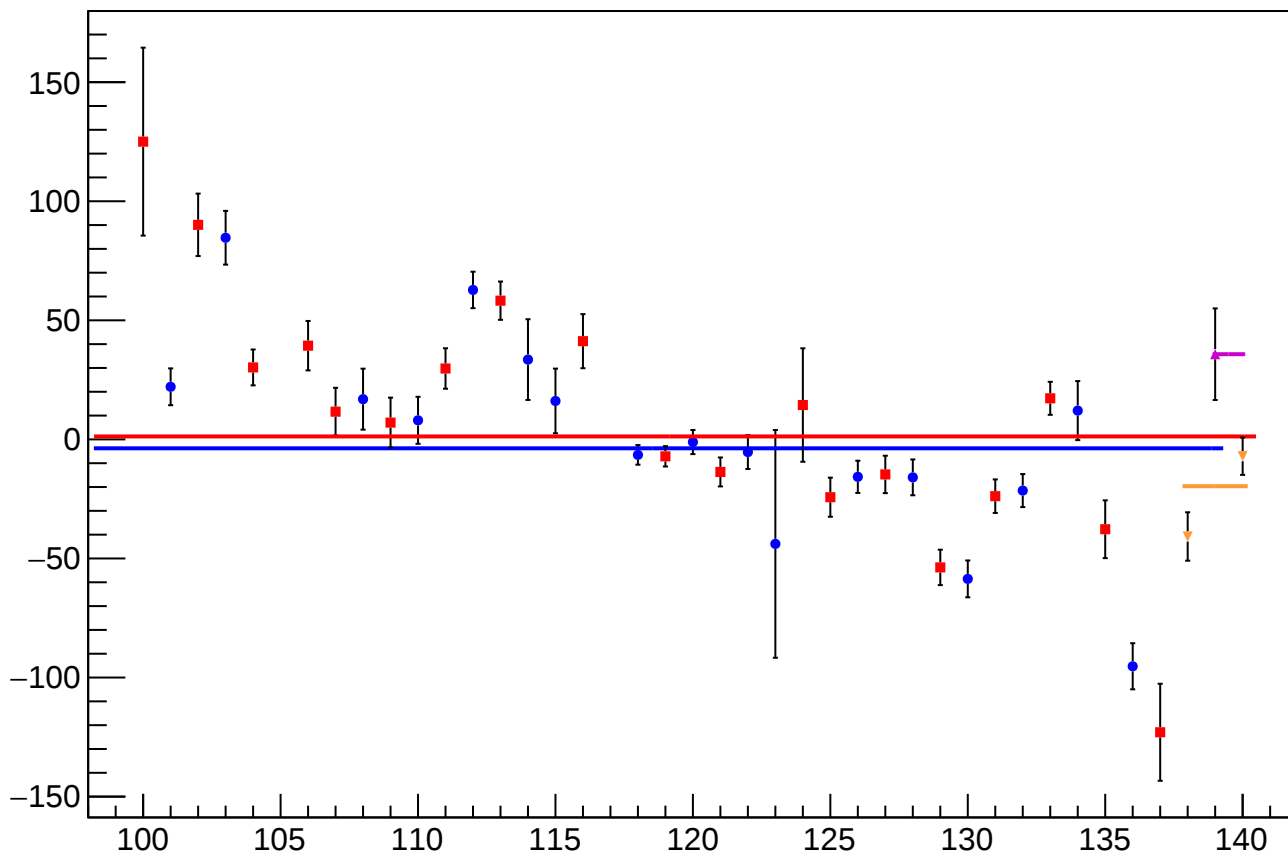
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -592.872+/-10.680 χ^2/NDF :0.0/0

Out: -473.999+/-7.019 χ^2/NDF :10.7/1

All: -509.859+/-5.866 χ^2/NDF : 97.2/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -19.653 ± 6.213 χ^2/NDF : 6.9/1

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 35.770 ± 19.233 χ^2/NDF : 0.0/0

Left: -14.416 ± 5.912 χ^2/NDF : 14.4/2

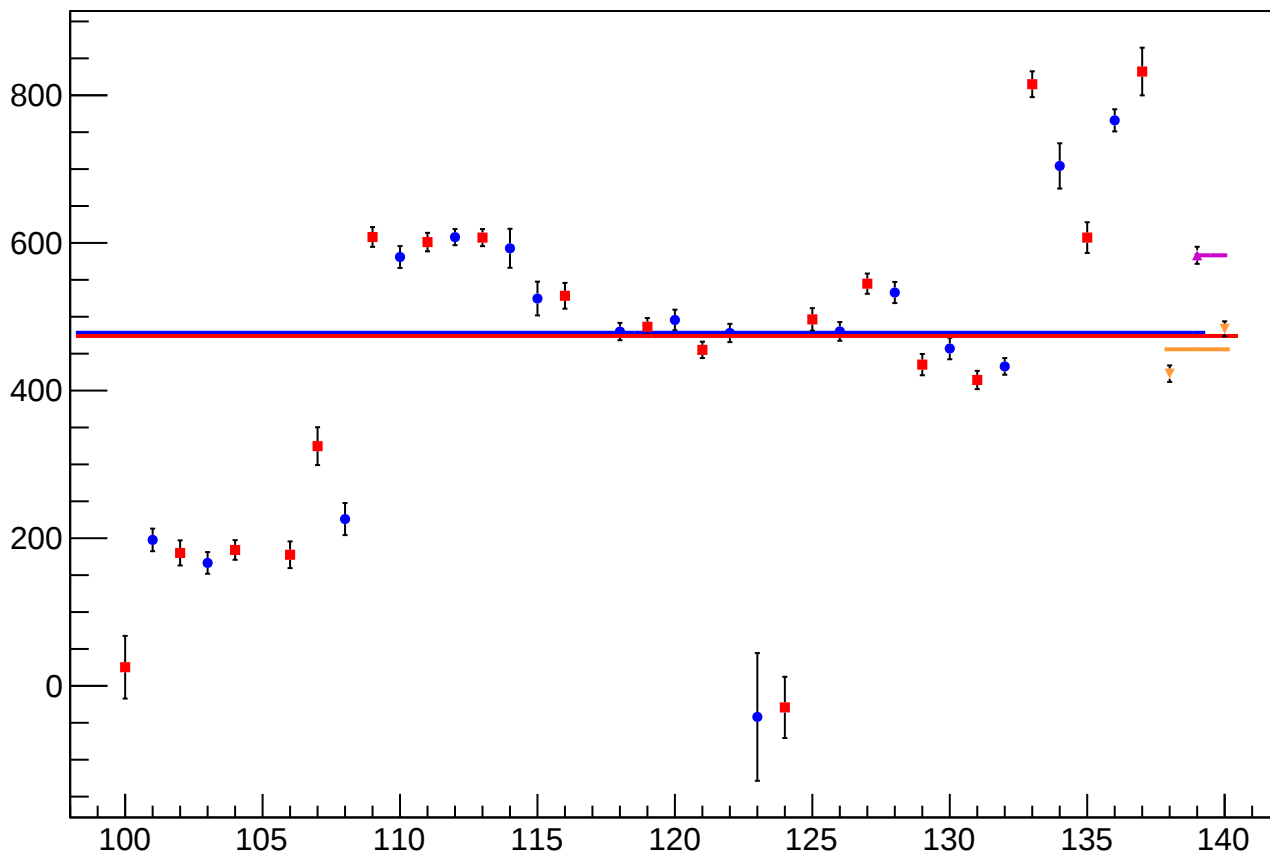
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -3.365 ± 1.883 χ^2/NDF : 318.3/17

Out: -0.573 ± 1.831 χ^2/NDF : 320.8/20

All: -1.930 ± 1.313 χ^2/NDF : 640.2/38

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 455.926+/-7.535 χ^2/NDF :16.1/1

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 583.230+/-11.565 χ^2/NDF :0.0/0

Left: 493.863+/-6.314 χ^2/NDF : 101.1/2

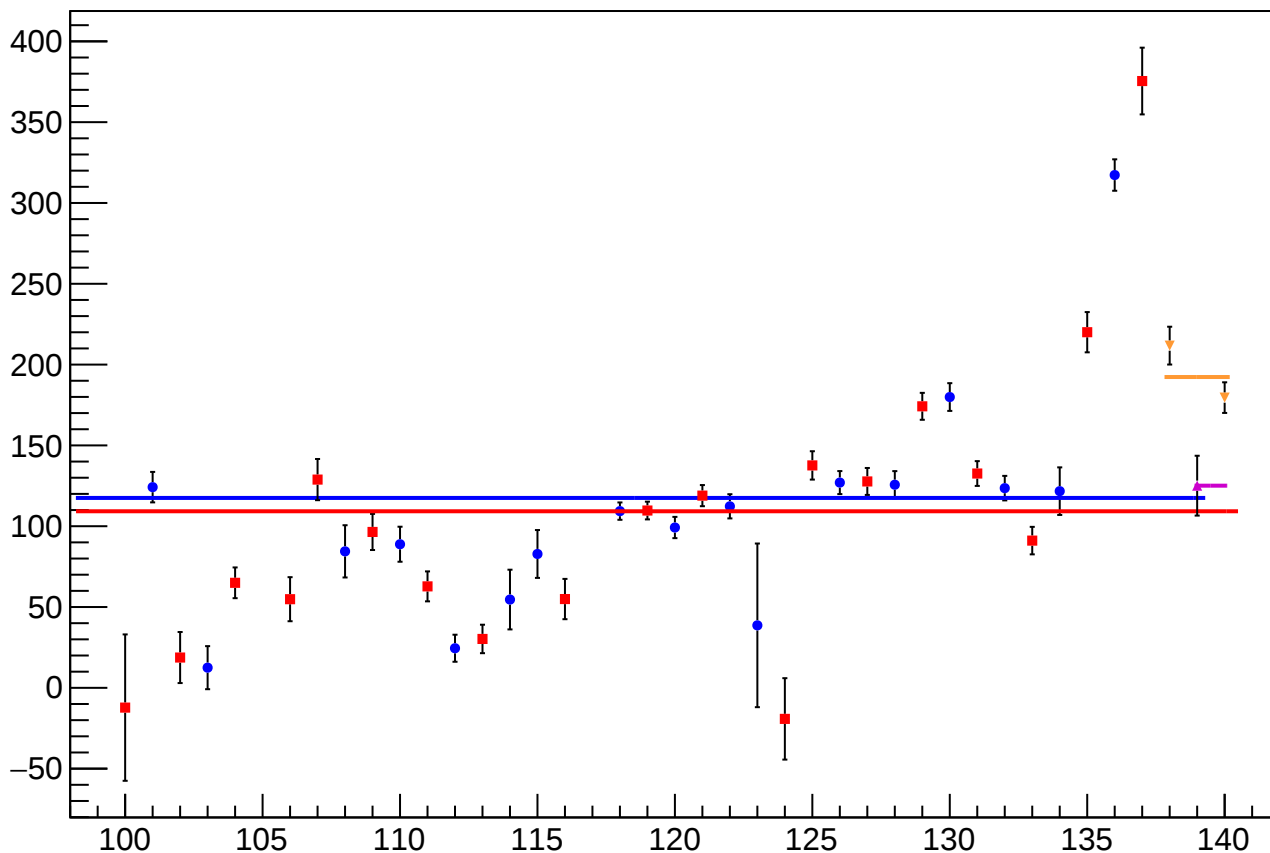
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 487.716+/-3.470 χ^2/NDF :1702.9/17

Out: 470.730+/-3.196 χ^2/NDF :2309.1/20

All: 478.525+/-2.351 χ^2/NDF : 4025.0/38

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 192.310 $\pm$ 7.364 χ^2 /NDF: 4.6/1

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 125.086 $\pm$ 18.513 χ^2 /NDF: 0.0/0

Left: 183.127 $\pm$ 6.842 χ^2 /NDF: 15.9/2

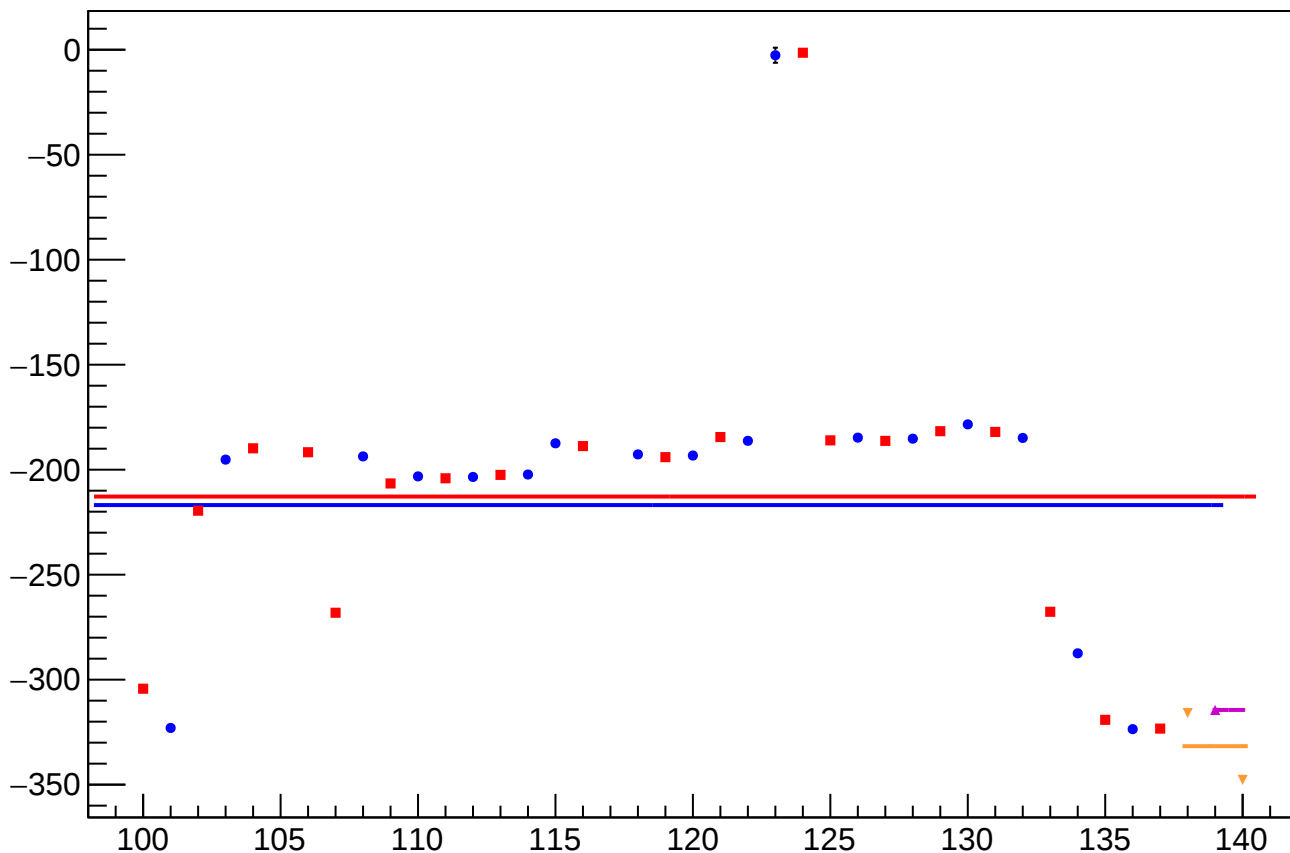
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 117.607 $\pm$ 2.182 χ^2 /NDF: 706.1/17

Out: 116.086 $\pm$ 2.113 χ^2 /NDF: 690.7/20

All: 116.822 $\pm$ 1.518 χ^2 /NDF: 1397.1/38

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -331.678+/-0.315 χ^2/NDF : 2555.5/1

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -314.423+/-0.407 χ^2/NDF : 0.0/0

Left: -325.220+/-0.249 χ^2/NDF : 3680.1/2

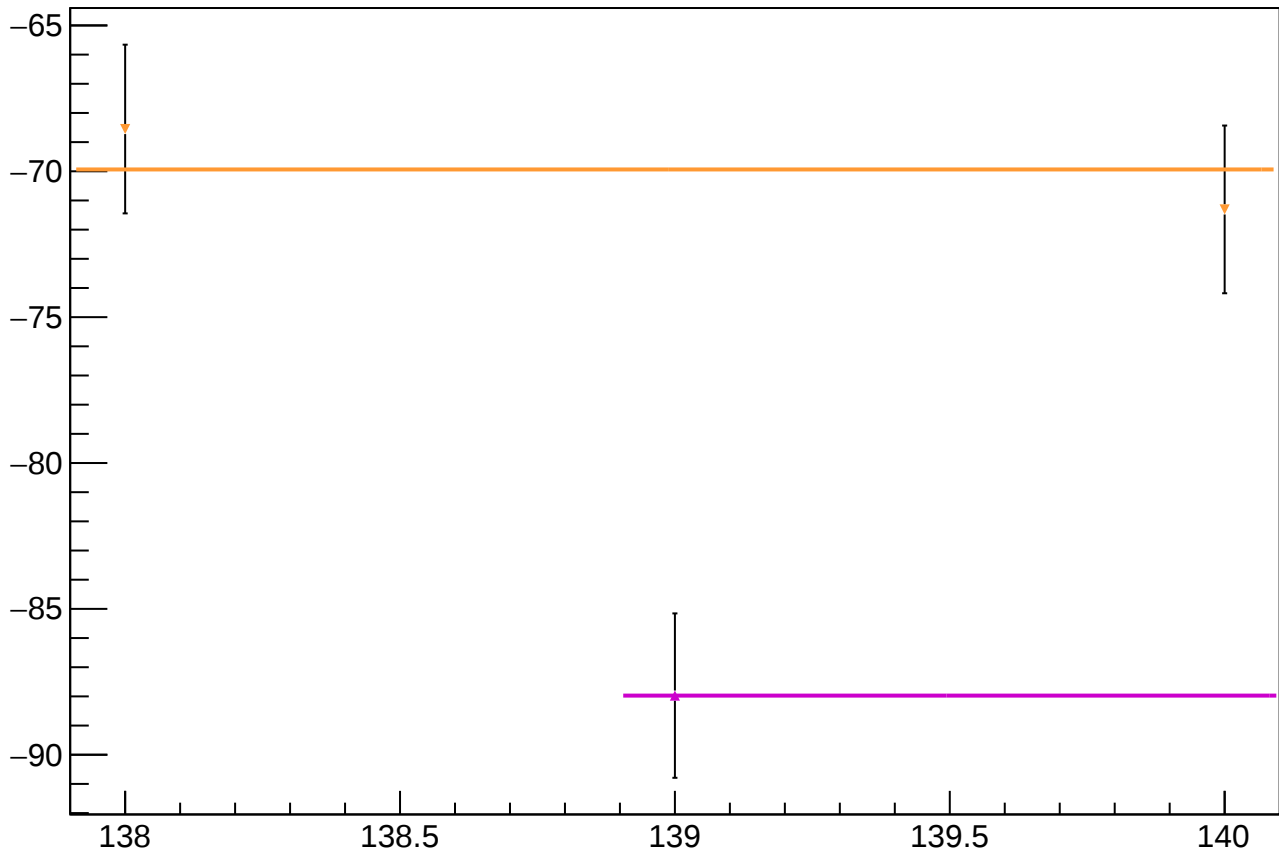
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -226.636+/-0.129 χ^2/NDF : 198629.6/17

Out: -230.131+/-0.120 χ^2/NDF : 240988.1/20

All: -228.505+/-0.088 χ^2/NDF : 440010.9/38

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.937 $\pm$ 2.039 χ^2/NDF : 0.5/1

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

Left In: -87.973 $\pm$ 2.818 χ^2/NDF : 0.0/0

Left: -76.134 $\pm$ 1.652 χ^2/NDF : 27.4/2

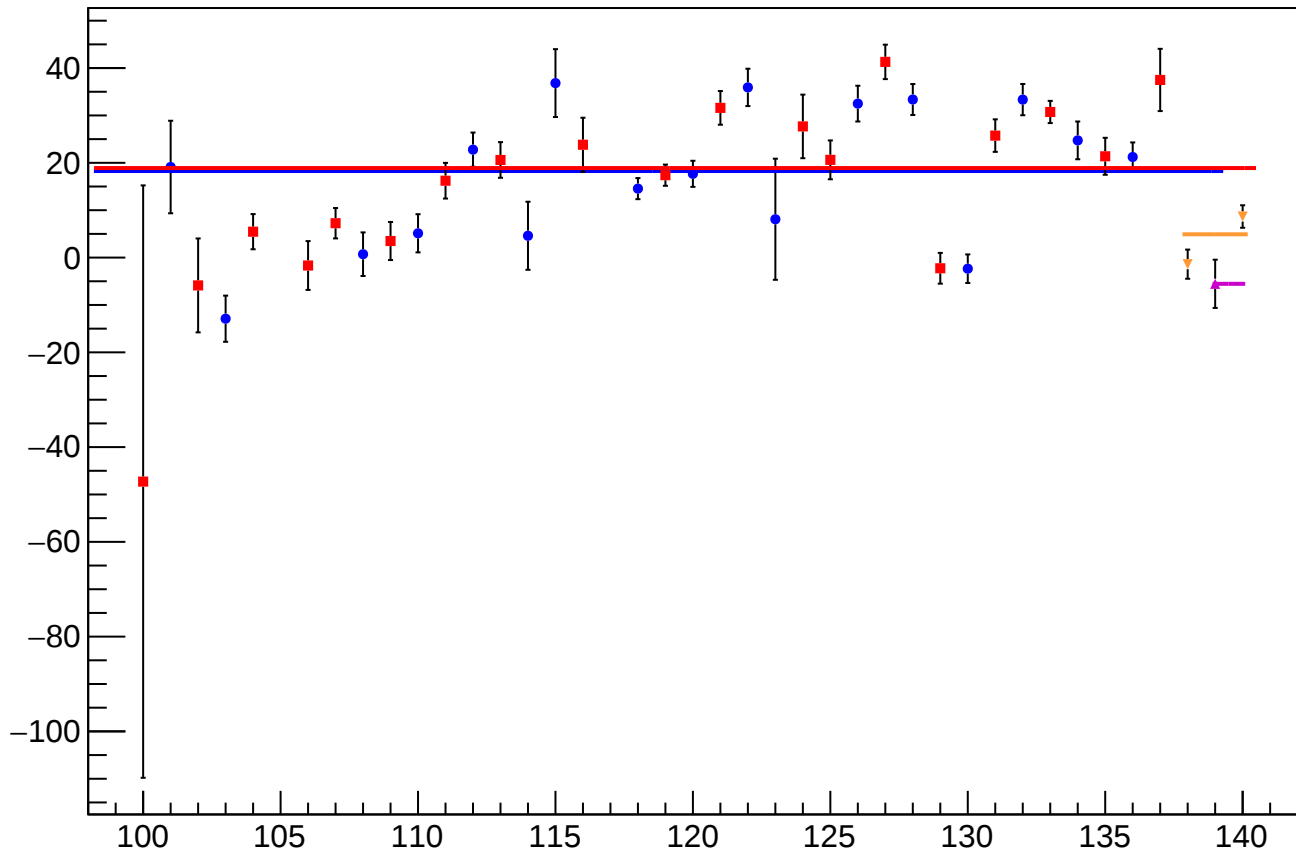
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -87.973 $\pm$ 2.818 χ^2/NDF : 0.0/0

Out: -69.937 $\pm$ 2.039 χ^2/NDF : 0.5/1

All: -76.134 $\pm$ 1.652 χ^2/NDF : 27.4/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 4.917 ± 1.880 χ^2/NDF : 6.7/1

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: -5.538 ± 5.092 χ^2/NDF : 0.0/0

Left: 3.662 ± 1.764 χ^2/NDF : 10.4/2

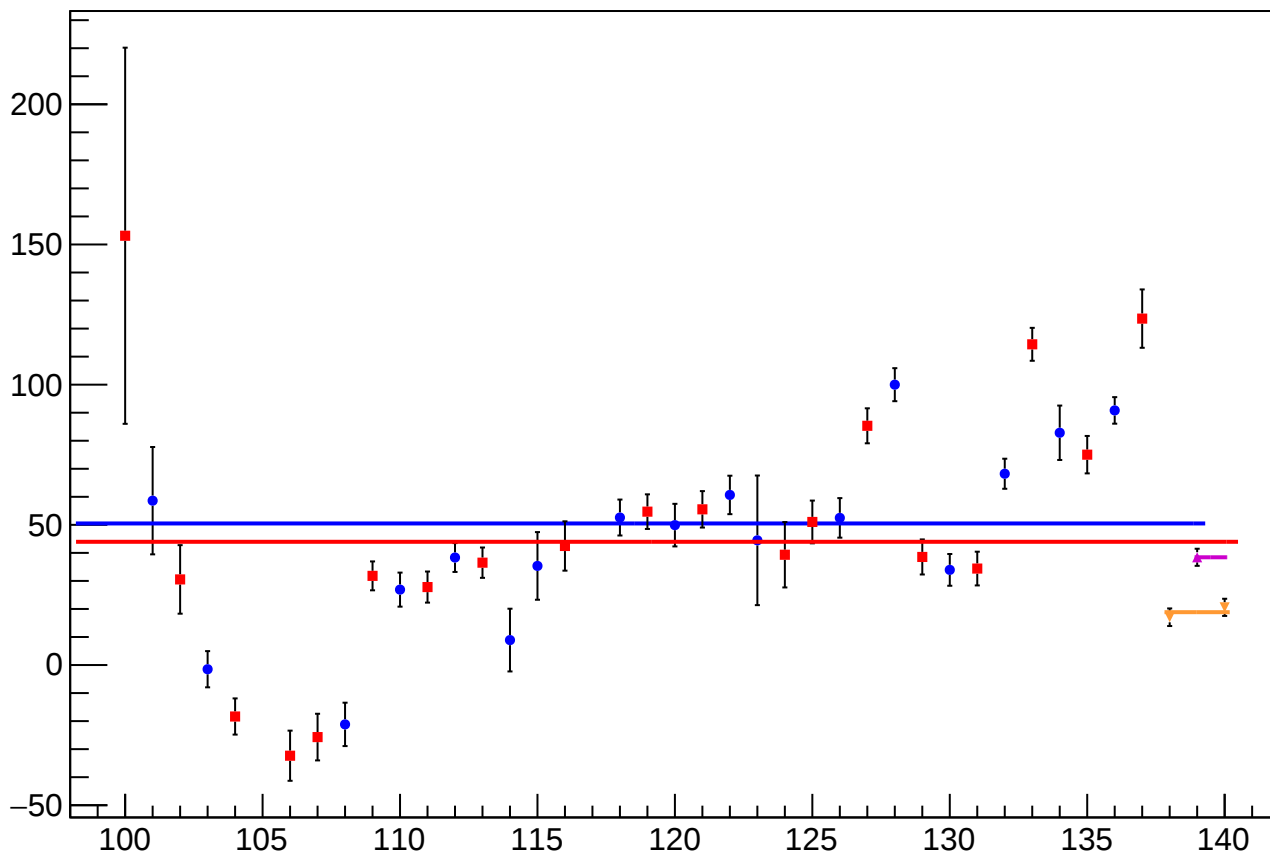
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 17.537 ± 0.893 χ^2/NDF : 229.5/17

Out: 16.459 ± 0.785 χ^2/NDF : 251.6/20

All: 16.929 ± 0.590 χ^2/NDF : 481.9/38

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: 18.854 $\pm$ 2.191 χ^2 /NDF:0.6/1

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 38.430 $\pm$ 3.049 χ^2 /NDF:0.0/0

Left: 25.519 $\pm$ 1.779 χ^2 /NDF: 27.8/2

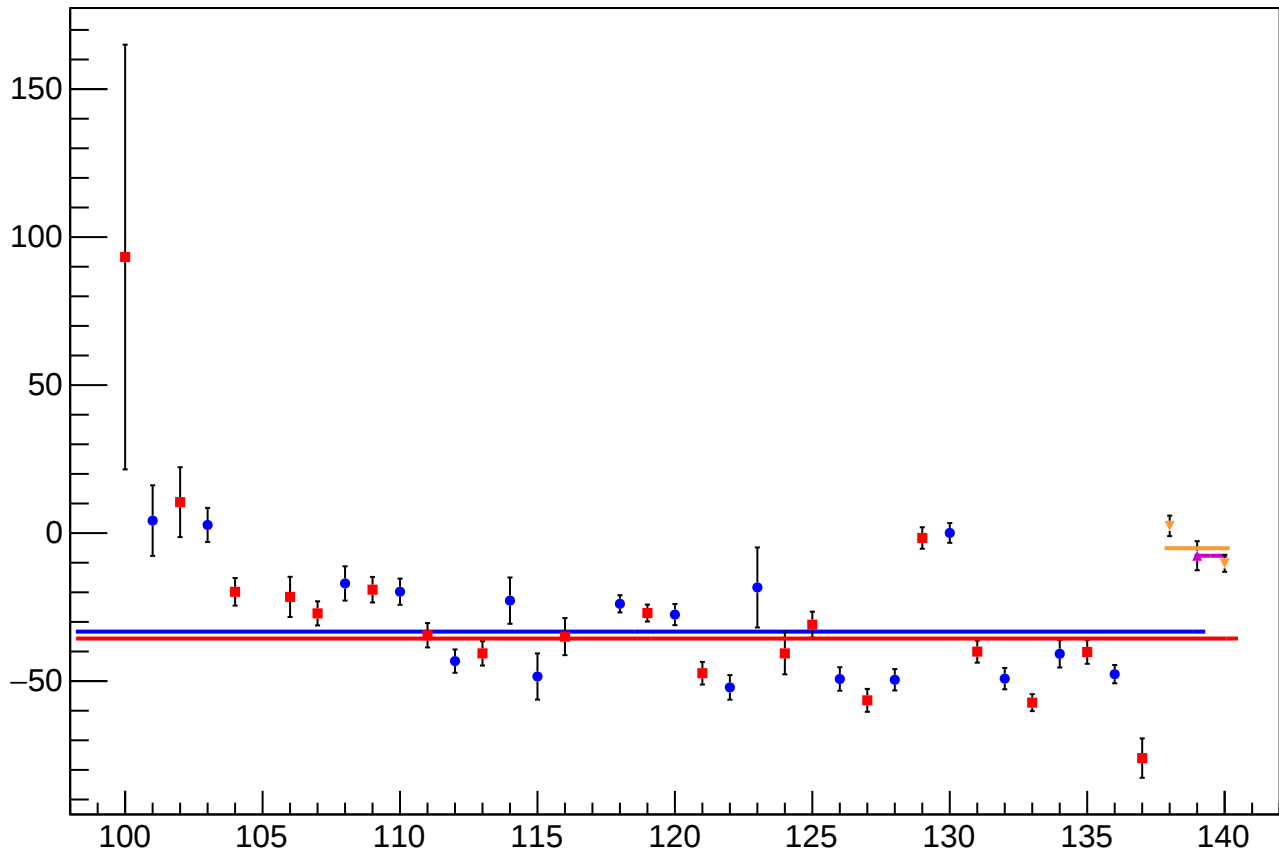
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 47.711 $\pm$ 1.465 χ^2 /NDF:375.2/17

Out: 35.204 $\pm$ 1.294 χ^2 /NDF:620.5/20

All: 40.682 $\pm$ 0.970 χ^2 /NDF: 1036.6/38

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -5.113 ± 2.204 χ^2/NDF : 7.9/1

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -7.641 ± 4.904 χ^2/NDF : 0.0/0

Left: -5.538 ± 2.010 χ^2/NDF : 8.2/2

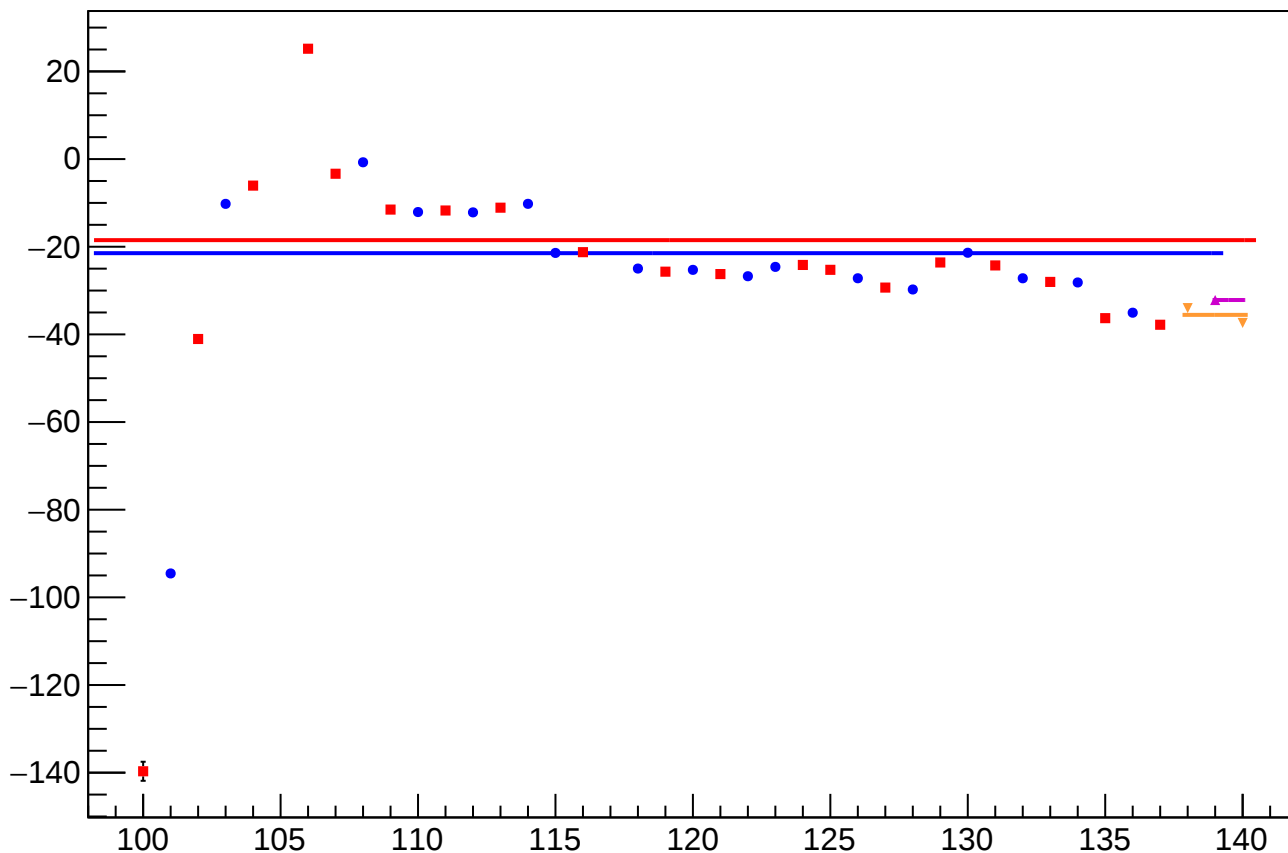
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -32.188 ± 1.012 χ^2/NDF : 319.1/17

Out: -30.474 ± 0.905 χ^2/NDF : 455.0/20

All: -31.235 ± 0.675 χ^2/NDF : 775.7/38

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: -35.547 ± 0.090 $\chi^2/\text{NDF}: 350.1/1$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -32.155 ± 0.108 $\chi^2/\text{NDF}: 0.0/0$

Left: -34.150 ± 0.069 $\chi^2/\text{NDF}: 934.1/2$

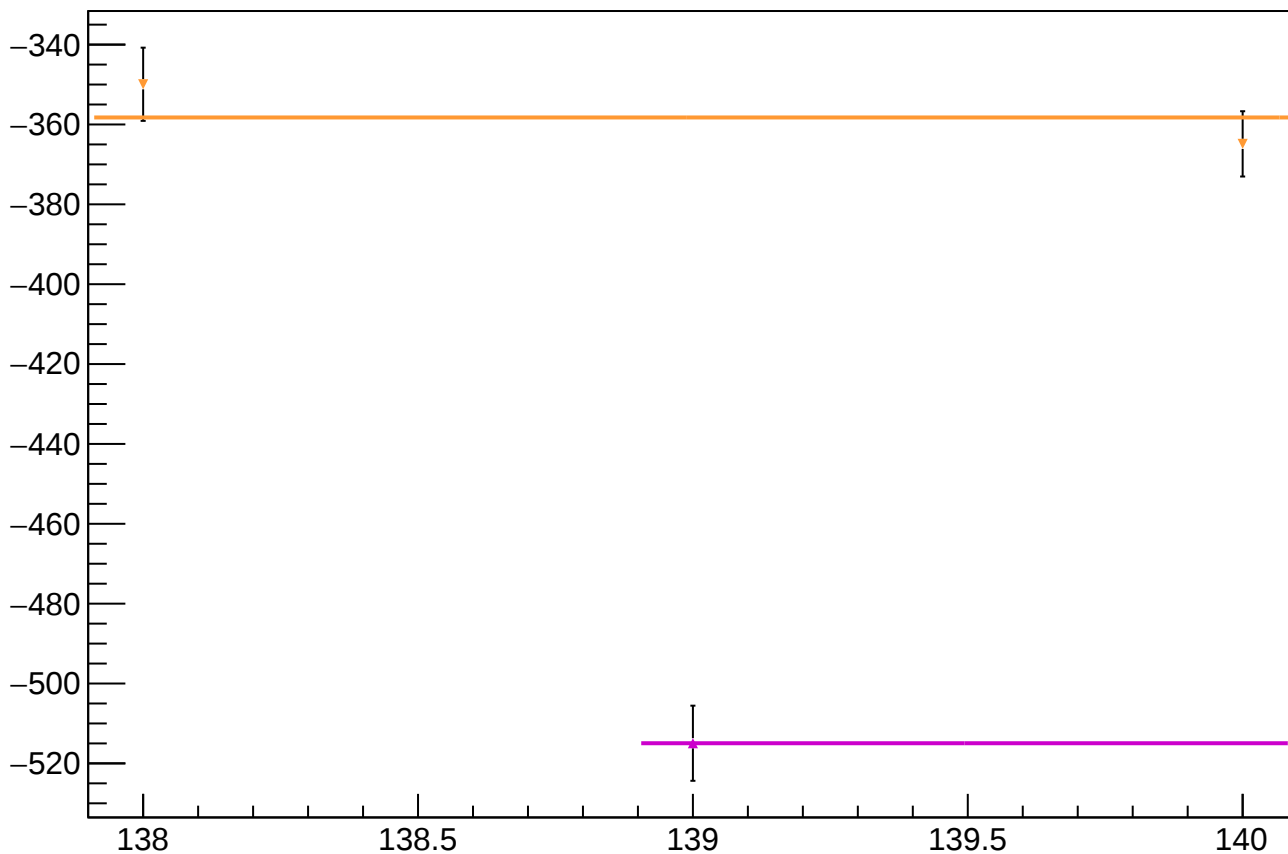
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -23.922 ± 0.052 $\chi^2/\text{NDF}: 56576.8/17$

Out: -23.415 ± 0.048 $\chi^2/\text{NDF}: 106542.8/20$

All: -23.652 ± 0.035 $\chi^2/\text{NDF}: 163171.1/38$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

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

Left In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Left: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

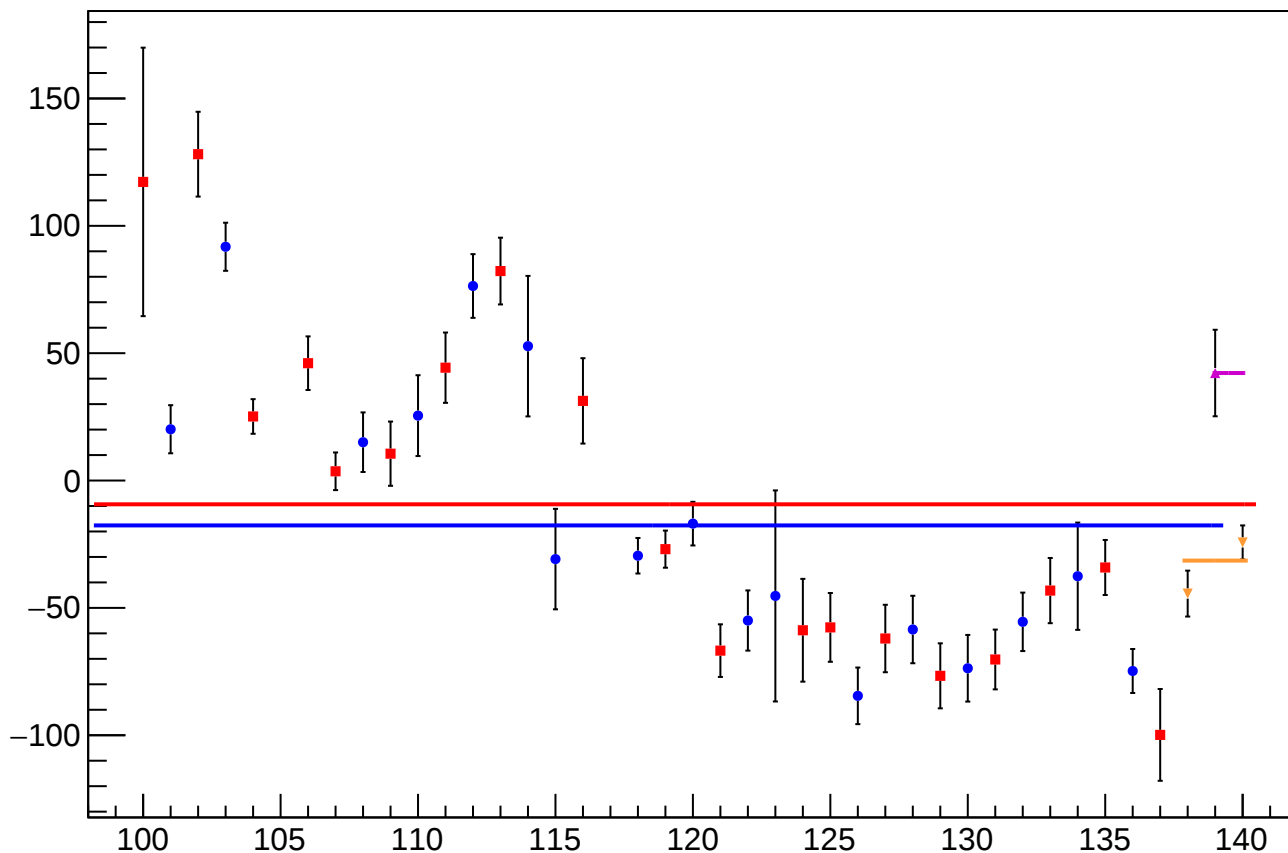
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

All: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: -31.433 ± 5.369 χ^2/NDF : 3.2/1

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 42.212 ± 16.982 χ^2/NDF : 0.0/0

Left: -24.740 ± 5.119 χ^2/NDF : 20.3/2

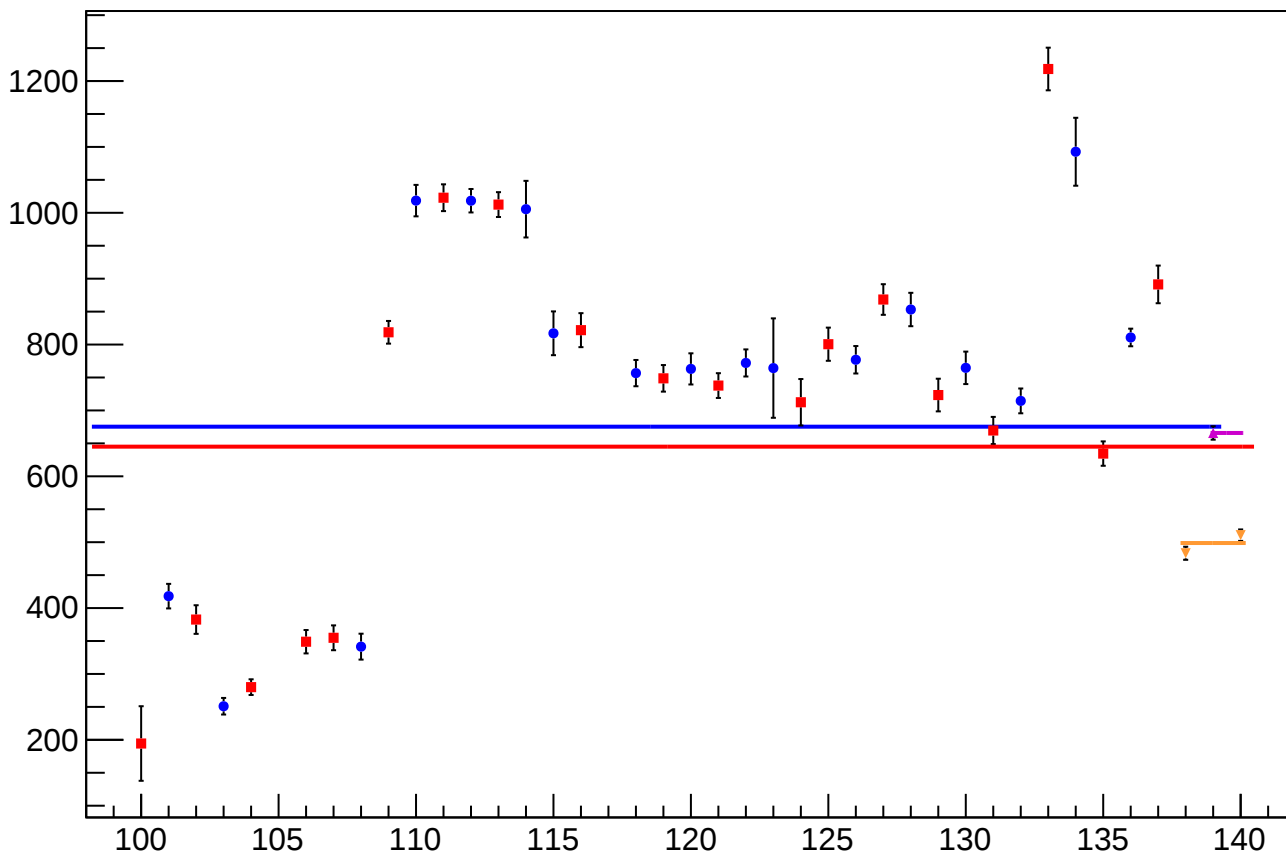
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -16.051 ± 2.750 χ^2/NDF : 374.1/17

Out: -13.553 ± 2.347 χ^2/NDF : 383.4/20

All: -14.606 ± 1.785 χ^2/NDF : 758.0/38

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 498.739+/-6.547 χ^2/NDF : 4.3/1

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 665.799+/-10.182 χ^2/NDF : 0.0/0

Left: 547.602+/-5.507 χ^2/NDF : 194.8/2

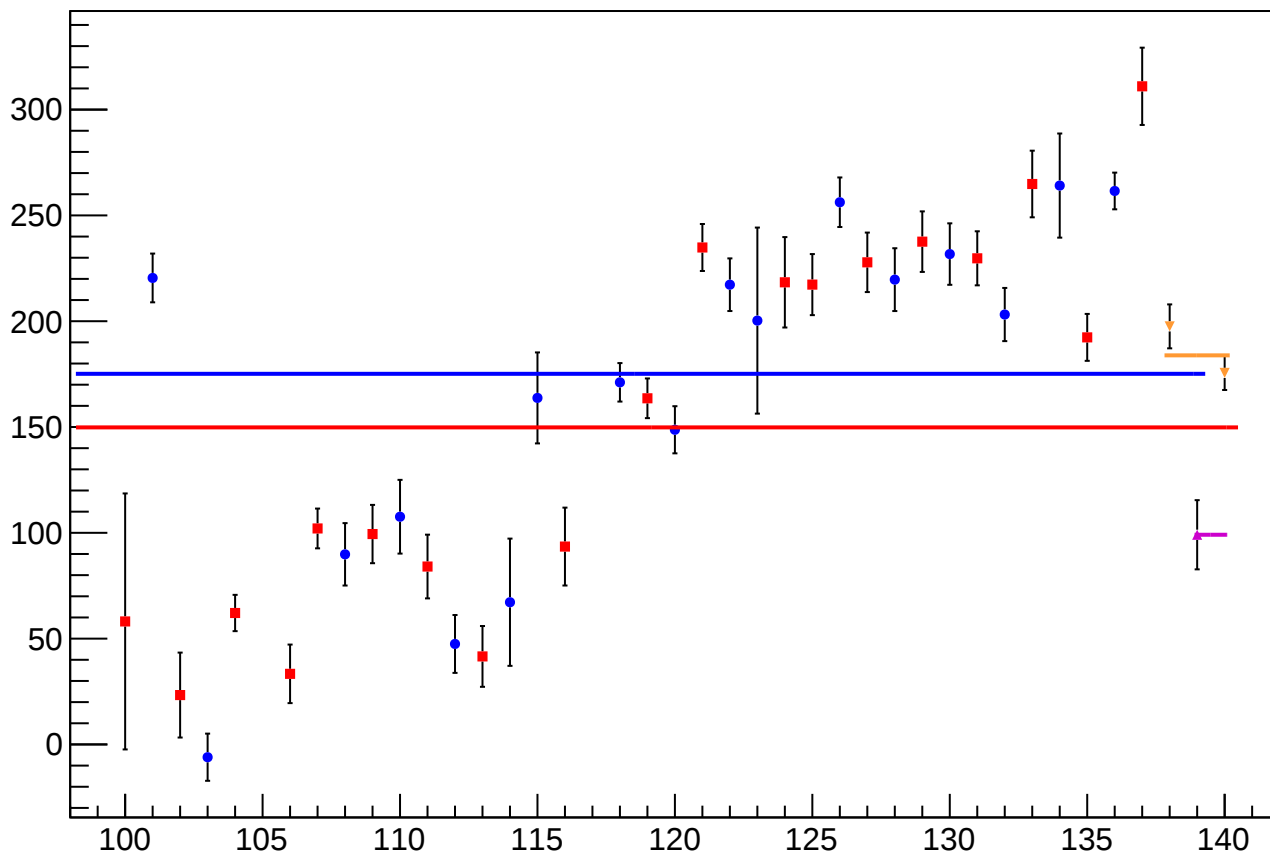
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 673.458+/-4.521 χ^2/NDF : 2583.4/17

Out: 594.460+/-3.849 χ^2/NDF : 3453.9/20

All: 627.655+/-2.931 χ^2/NDF : 6214.3/38

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142+/-3.209 χ^2/NDF : 635.6/16

Left Out: 183.867+/-6.376 χ^2/NDF : 2.8/1

Right Out: 149.822+/-3.041 χ^2/NDF : 688.5/18

Left In: 99.088+/-16.350 χ^2/NDF : 0.0/0

Left: 172.677+/-5.940 χ^2/NDF : 26.1/2

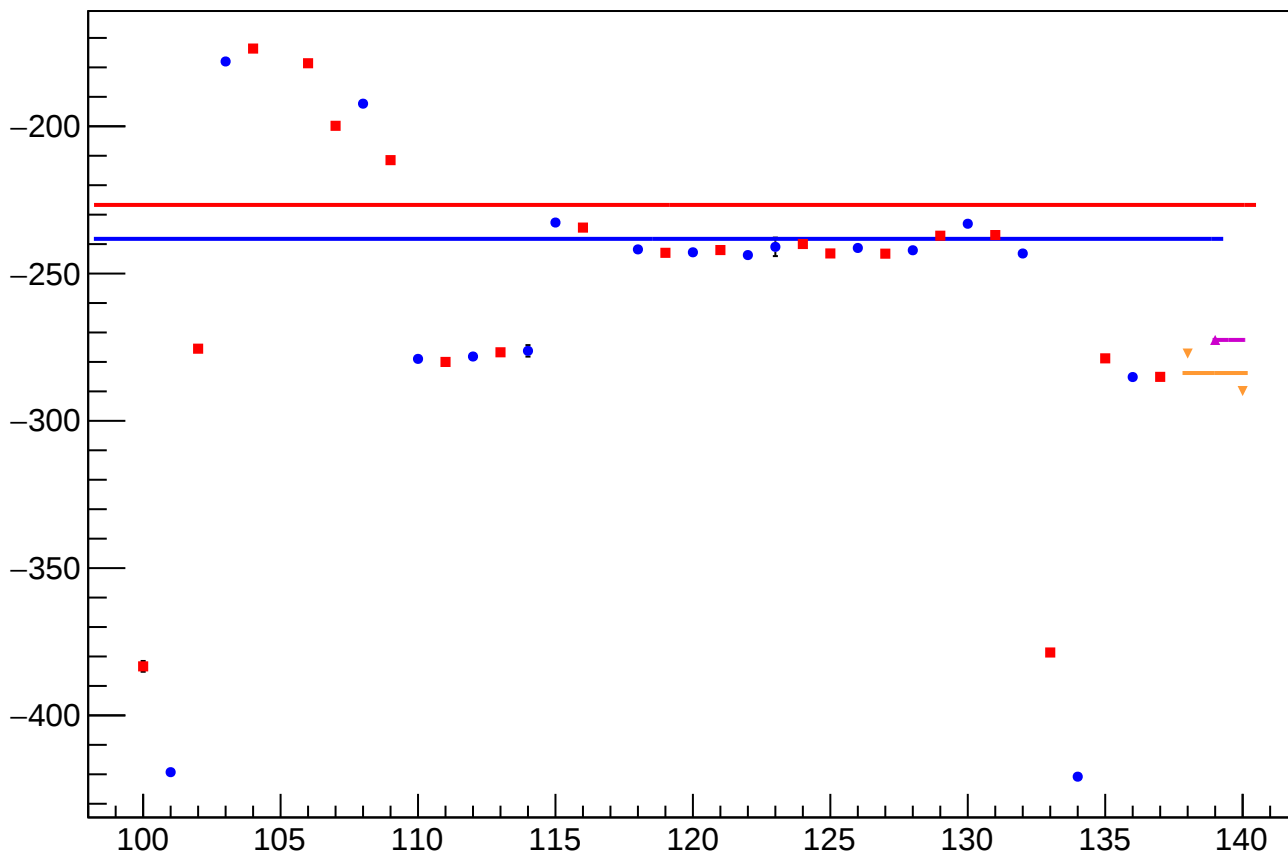
Right: 161.803+/-2.208 χ^2/NDF : 1356.9/35

In: 172.321+/-3.149 χ^2/NDF : 656.5/17

Out: 156.133+/-2.745 χ^2/NDF : 714.5/20

All: 163.123+/-2.069 χ^2/NDF : 1386.0/38

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -283.763+/-0.274 χ^2/NDF : 537.4/1

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -272.527+/-0.359 χ^2/NDF : 0.0/0

Left: -279.629+/-0.218 χ^2/NDF : 1154.9/2

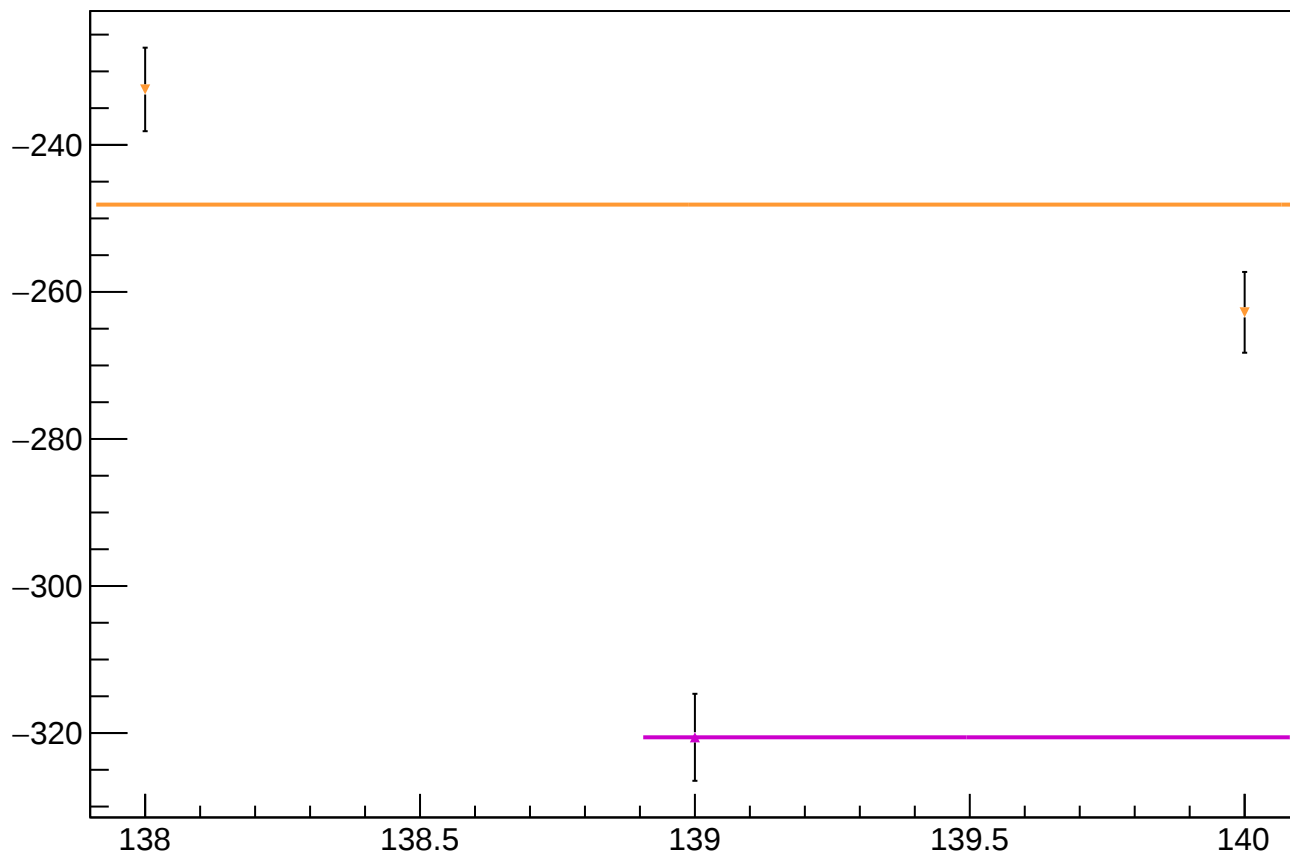
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -243.894+/-0.146 χ^2/NDF : 174701.4/17

Out: -239.978+/-0.132 χ^2/NDF : 136571.7/20

All: -241.741+/-0.098 χ^2/NDF : 311667.3/38

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: -248.121+/-3.949 χ^2/NDF :14.7/1

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

Left In: -320.579+/-5.916 χ^2/NDF :0.0/0

Left: -270.454+/-3.285 χ^2/NDF : 118.5/2

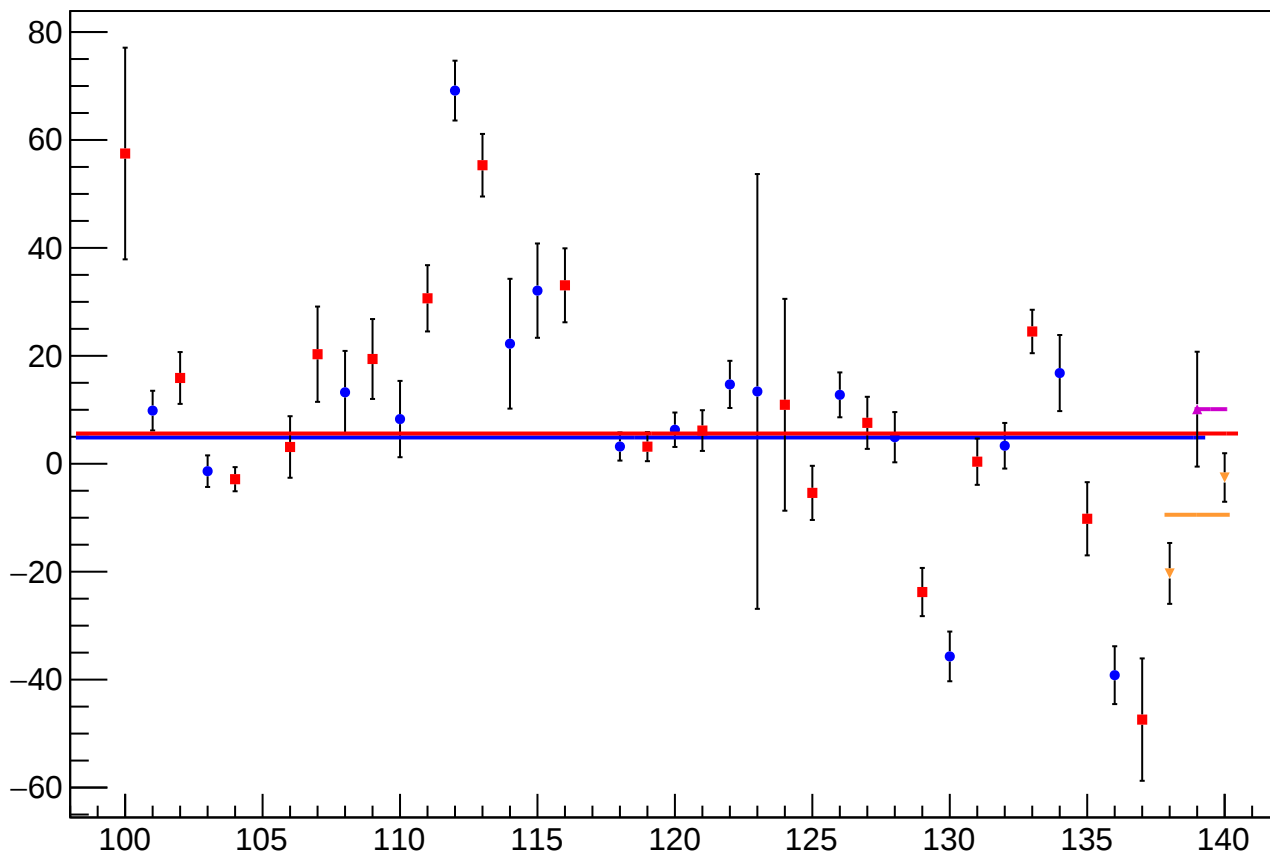
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -320.579+/-5.916 χ^2/NDF :0.0/0

Out: -248.121+/-3.949 χ^2/NDF :14.7/1

All: -270.454+/-3.285 χ^2/NDF : 118.5/2

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: -9.452 ± 3.517 $\chi^2/\text{NDF}: 6.1/1$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 10.116 ± 10.644 $\chi^2/\text{NDF}: 0.0/0$

Left: -7.527 ± 3.339 $\chi^2/\text{NDF}: 9.1/2$

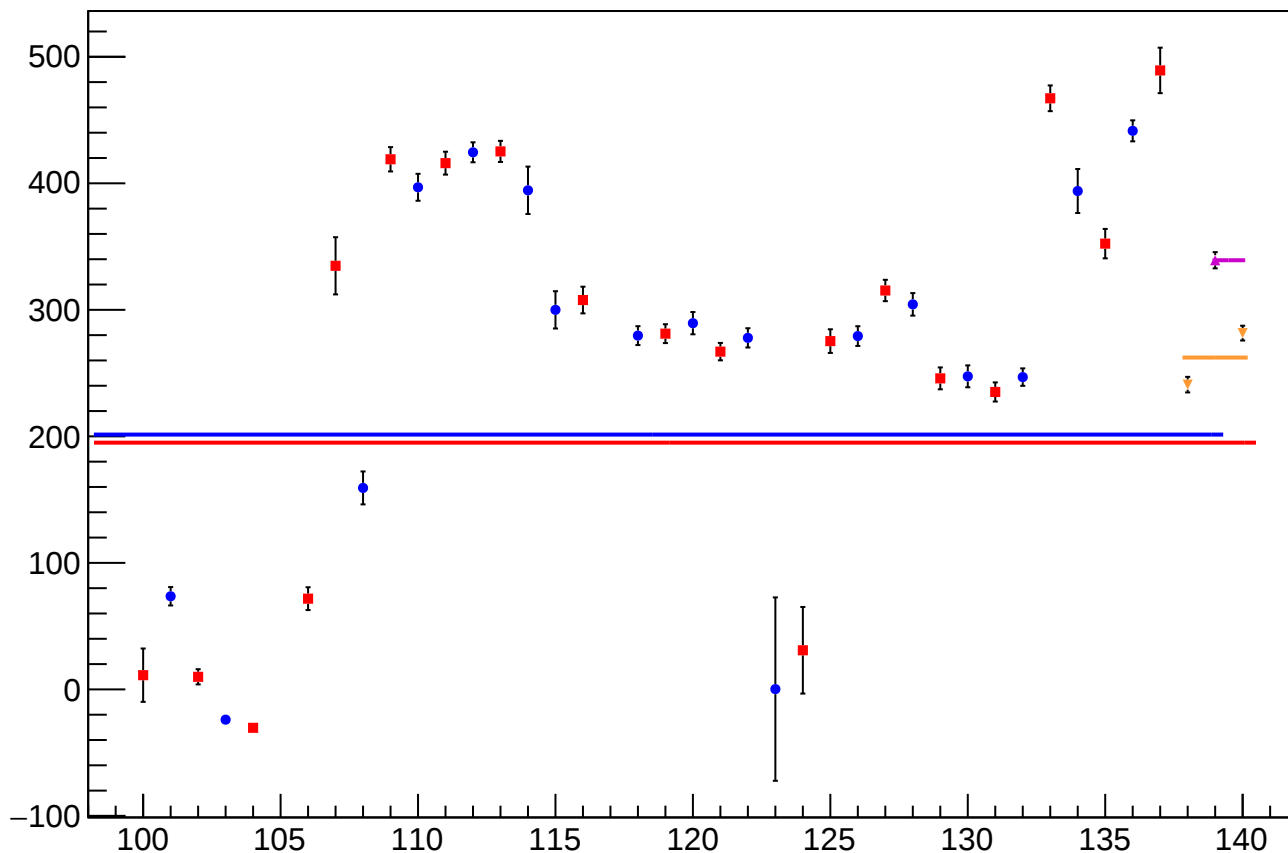
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 4.925 ± 1.085 $\chi^2/\text{NDF}: 311.8/17$

Out: 4.330 ± 1.023 $\chi^2/\text{NDF}: 261.4/20$

All: 4.610 ± 0.744 $\chi^2/\text{NDF}: 573.4/38$

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: 262.286 $\pm$ 4.241 χ^2 /NDF:23.0/1

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 339.193 $\pm$ 6.408 χ^2 /NDF:0.0/0

Left: 285.715 $\pm$ 3.537 χ^2 /NDF: 123.2/2

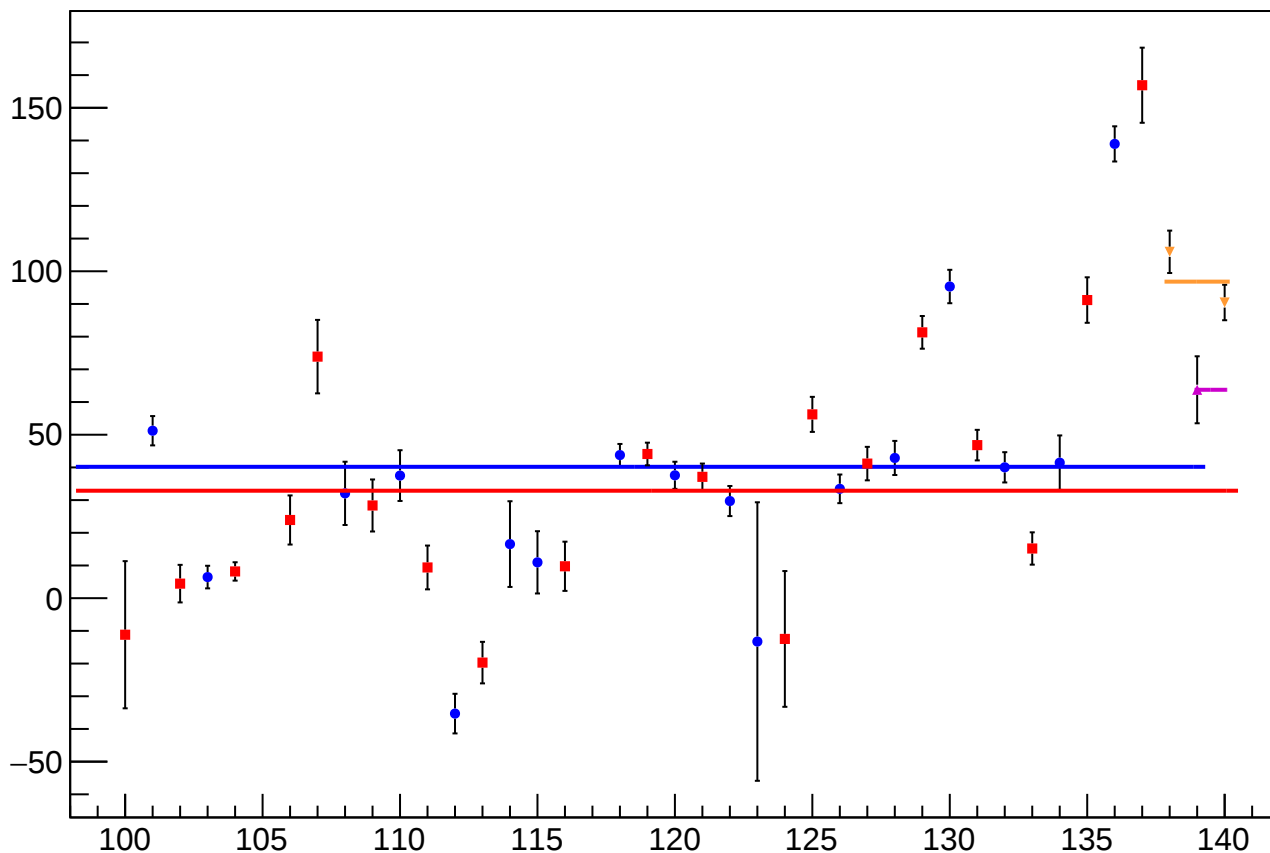
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 213.346 $\pm$ 1.886 χ^2 /NDF:7162.7/17

Out: 206.494 $\pm$ 1.752 χ^2 /NDF:8486.3/20

All: 209.667 $\pm$ 1.283 χ^2 /NDF: 15656.1/38

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 96.828 $\pm$ 4.160 χ^2 /NDF: 3.4/1

Right Out: 32.873 $\pm$ 1.251 χ^2 /NDF: 551.0/18

Left In: 63.747 $\pm$ 10.245 χ^2 /NDF: 0.0/0

Left: 92.145 $\pm$ 3.855 χ^2 /NDF: 12.3/2

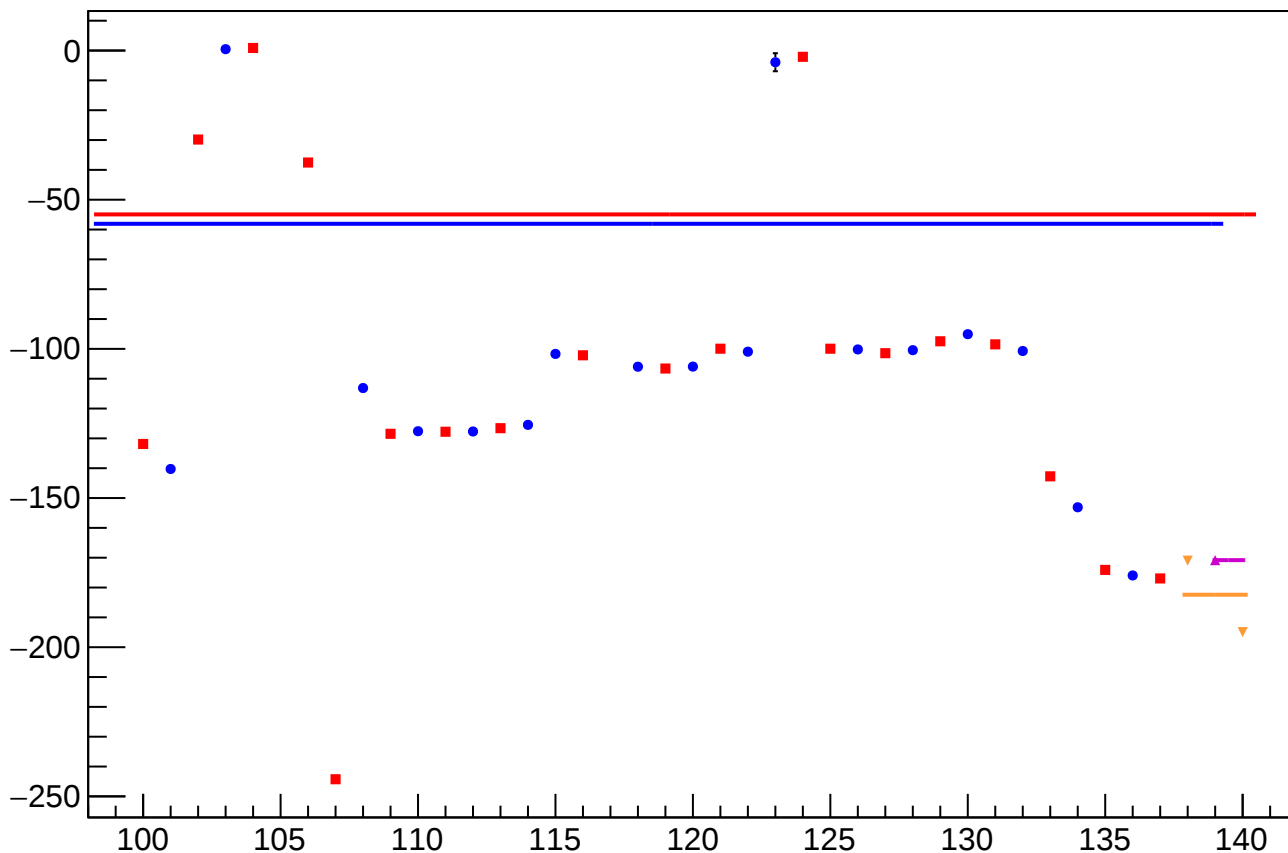
Right: 36.473 $\pm$ 0.891 χ^2 /NDF: 1301.8/35

In: 40.540 $\pm$ 1.260 χ^2 /NDF: 739.2/17

Out: 38.174 $\pm$ 1.198 χ^2 /NDF: 771.1/20

All: 39.297 $\pm$ 0.868 χ^2 /NDF: 1512.2/38

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -182.414+/-0.177 χ^2/NDF : 4592.5/1

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -170.817+/-0.225 χ^2/NDF : 0.0/0

Left: -178.001+/-0.139 χ^2/NDF : 6233.4/2

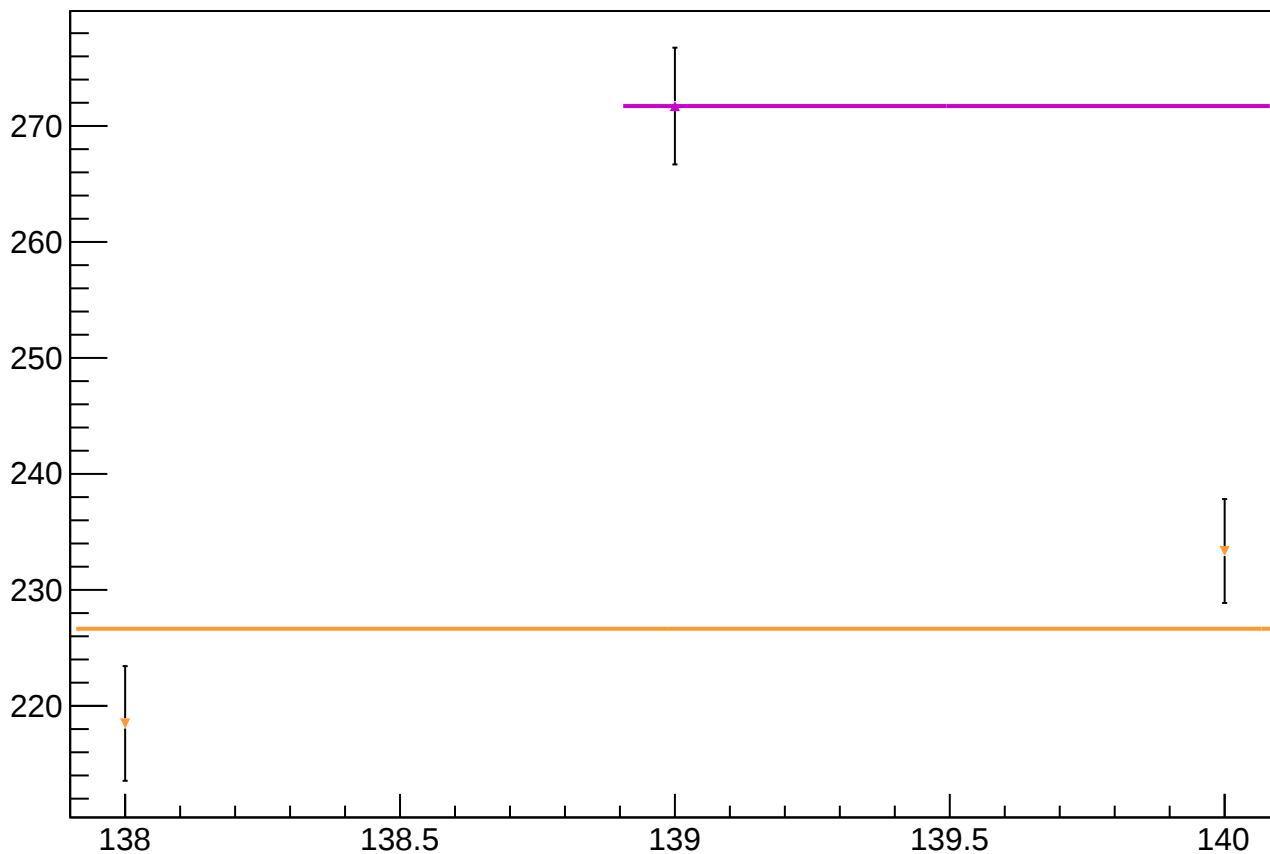
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -65.922+/-0.059 χ^2/NDF : 1337370.6/17

Out: -68.201+/-0.057 χ^2/NDF : 1475355.4/20

All: -67.110+/-0.041 χ^2/NDF : 2813492.1/38

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: 226.651+/-3.319 χ^2/NDF : 5.0/1

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

Left In: 271.718+/-5.034 χ^2/NDF : 0.0/0

Left: 240.305+/-2.771 χ^2/NDF : 60.8/2

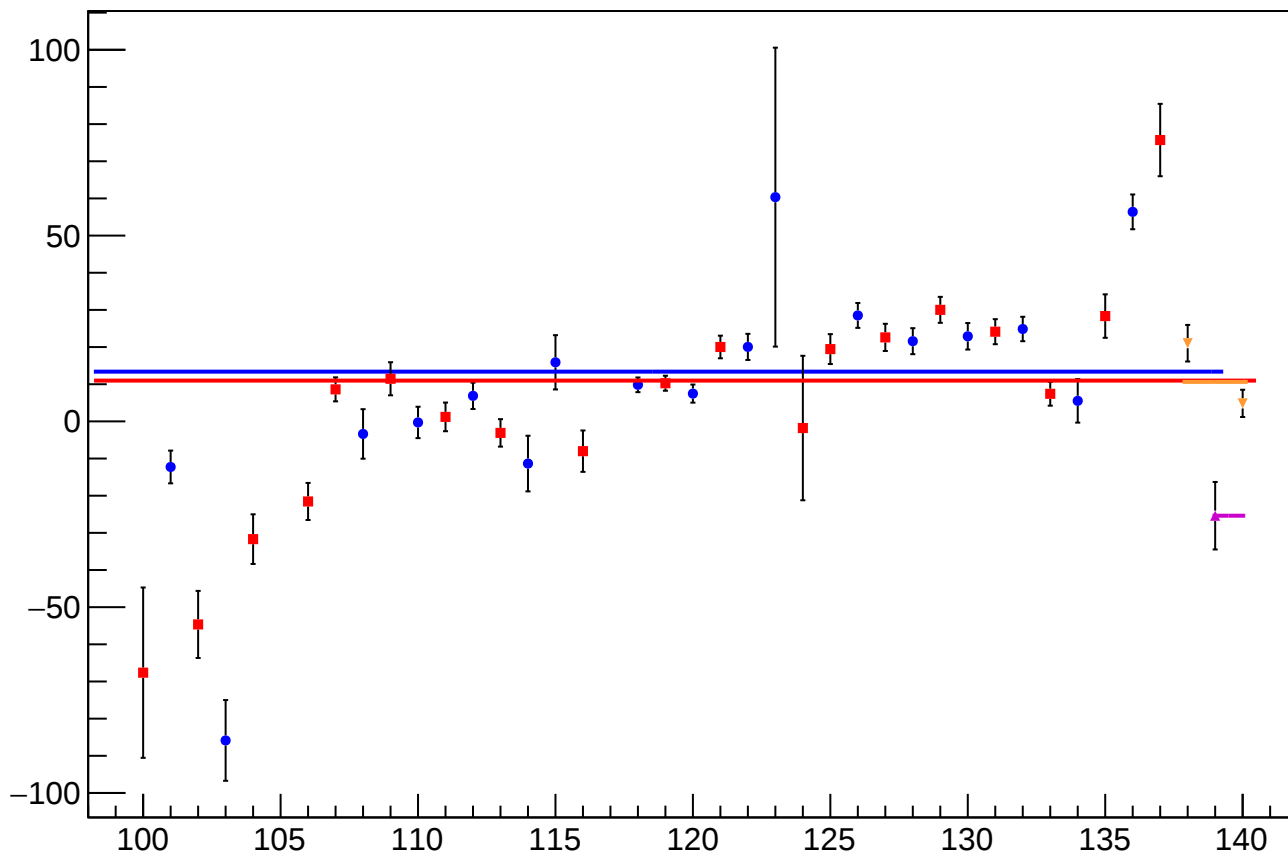
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.718+/-5.034 χ^2/NDF : 0.0/0

Out: 226.651+/-3.319 χ^2/NDF : 5.0/1

All: 240.305+/-2.771 χ^2/NDF : 60.8/2

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: 10.625 $\pm$ 2.941 χ^2 /NDF:7.0/1

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -25.386 $\pm$ 9.084 χ^2 /NDF:0.0/0

Left: 7.208 $\pm$ 2.798 χ^2 /NDF: 21.2/2

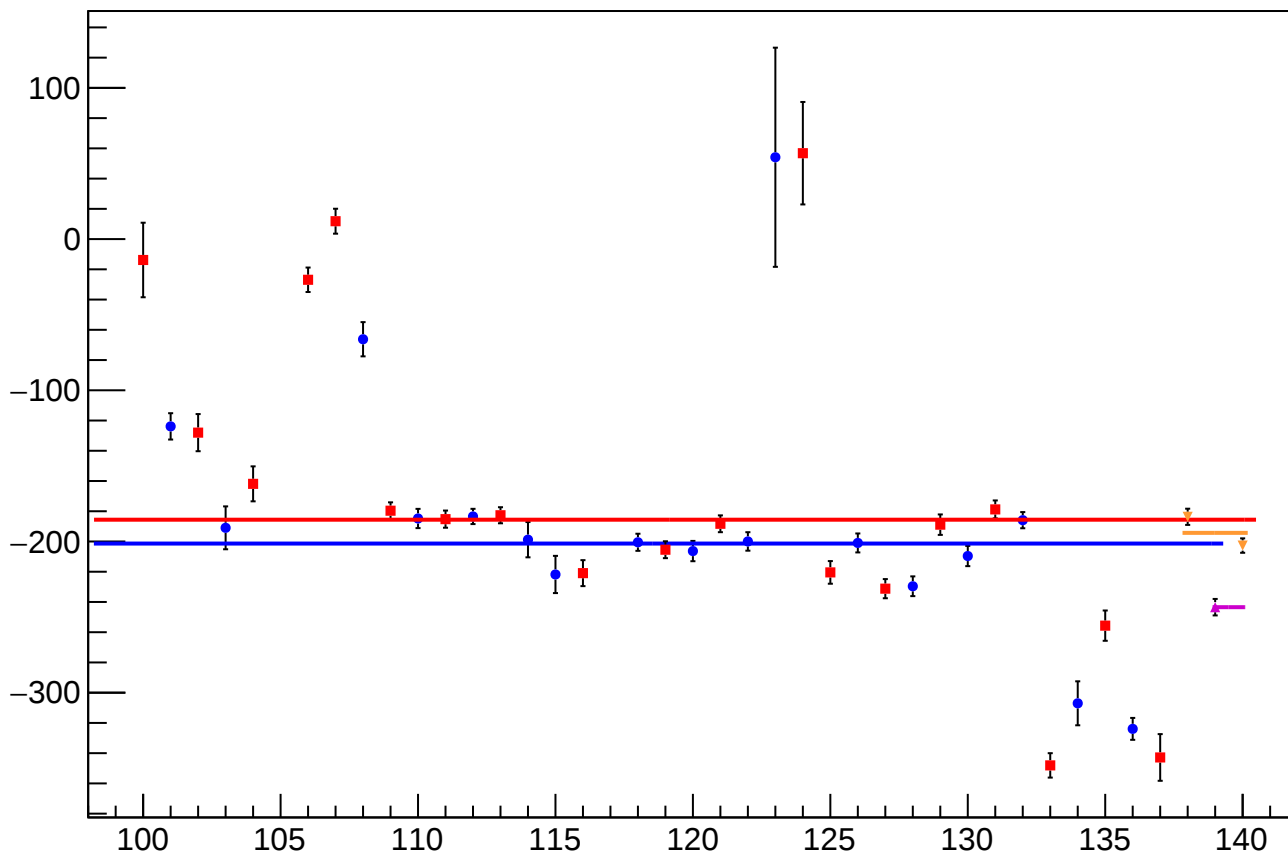
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 12.991 $\pm$ 0.916 χ^2 /NDF:312.1/17

Out: 10.944 $\pm$ 0.873 χ^2 /NDF:311.0/20

All: 11.918 $\pm$ 0.632 χ^2 /NDF: 625.7/38

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -194.295 ± 3.562 χ^2/NDF : 7.0/1

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -243.446 ± 5.449 χ^2/NDF : 0.0/0

Left: -209.013 ± 2.982 χ^2/NDF : 64.0/2

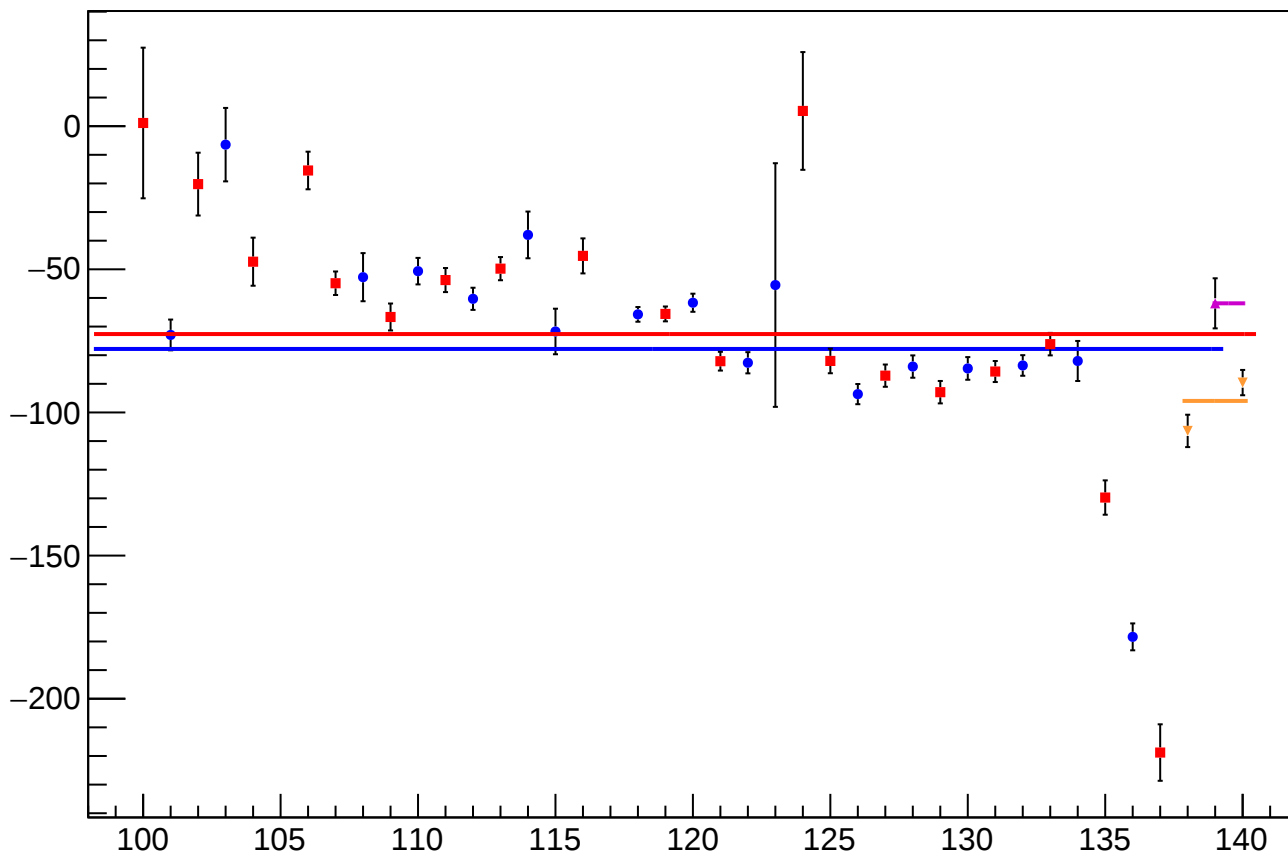
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -205.439 ± 1.695 χ^2/NDF : 678.9/17

Out: -187.203 ± 1.534 χ^2/NDF : 1760.1/20

All: -195.412 ± 1.137 χ^2/NDF : 2502.6/38

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -95.972 ± 3.482 $\chi^2/\text{NDF}: 5.5/1$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -61.881 ± 8.746 $\chi^2/\text{NDF}: 0.0/0$

Left: -91.307 ± 3.235 $\chi^2/\text{NDF}: 18.6/2$

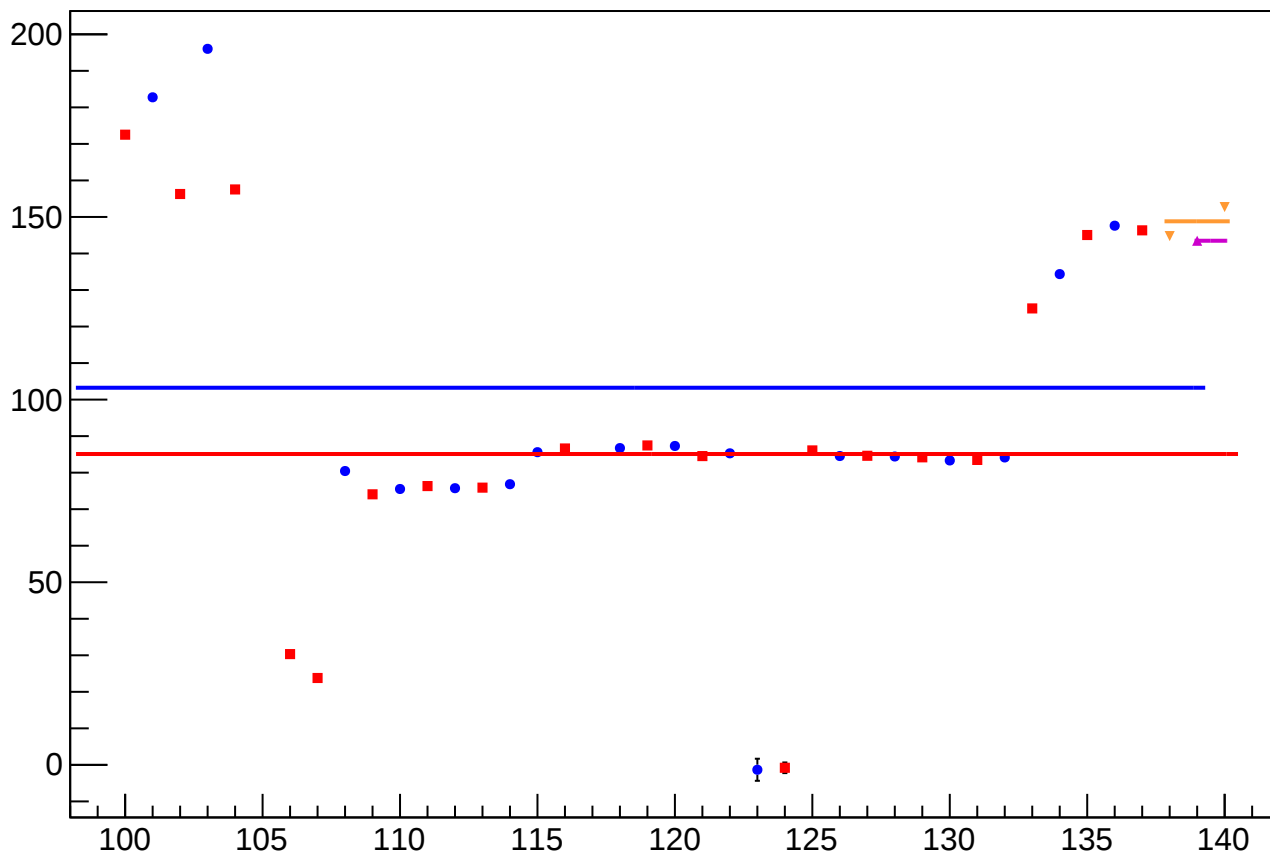
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -77.584 ± 1.060 $\chi^2/\text{NDF}: 659.6/17$

Out: -74.571 ± 1.008 $\chi^2/\text{NDF}: 653.6/20$

All: -76.001 ± 0.730 $\chi^2/\text{NDF}: 1317.5/38$

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: 148.809 $\pm$ 0.149 χ^2 /NDF: 714.1/1

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 143.488 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left: 146.819 $\pm$ 0.118 χ^2 /NDF: 1193.2/2

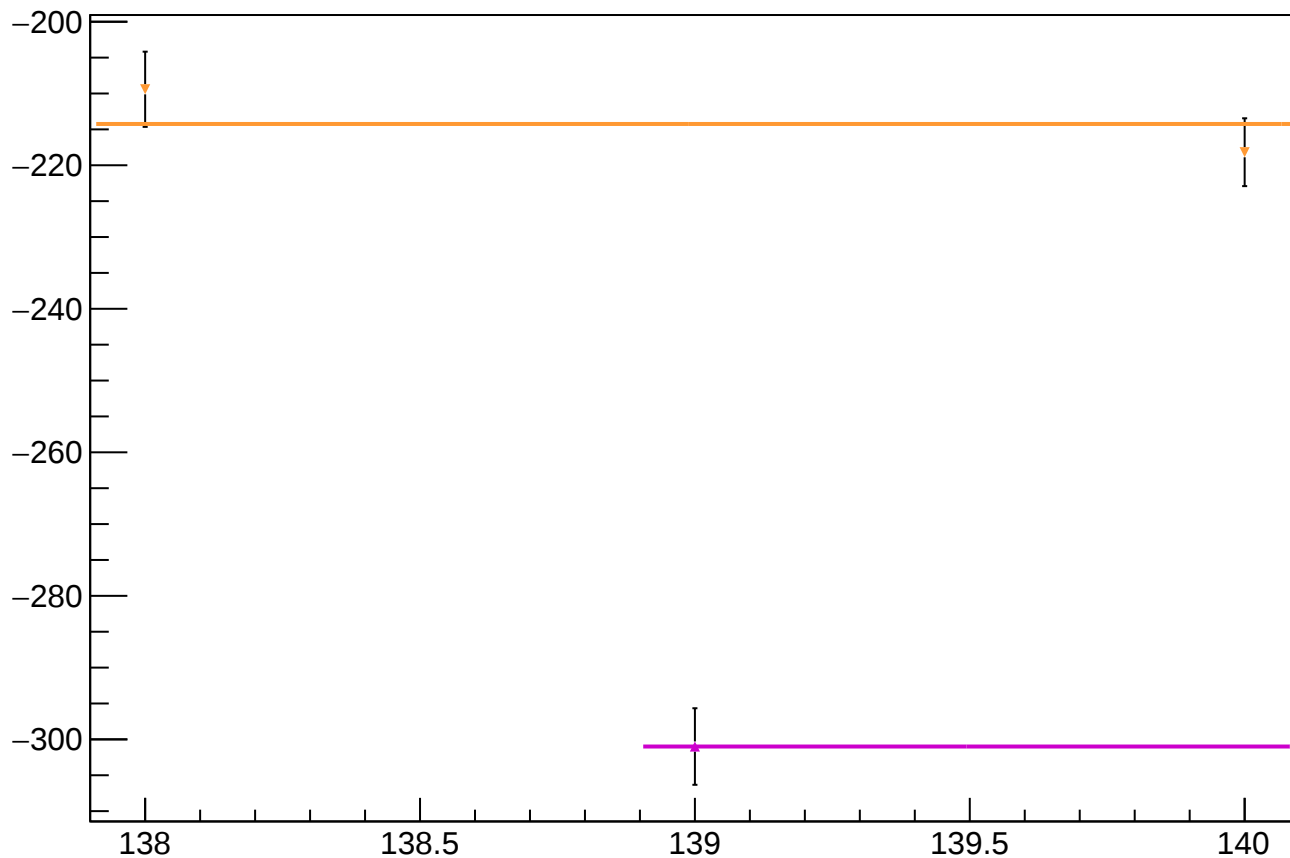
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 108.010 $\pm$ 0.066 χ^2 /NDF: 311997.4/17

Out: 94.991 $\pm$ 0.059 χ^2 /NDF: 579393.0/20

All: 100.710 $\pm$ 0.044 χ^2 /NDF: 913106.7/38

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: -214.247+/-3.509 χ^2/NDF : 1.5/1

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

Left In: -300.996+/-5.334 χ^2/NDF : 0.0/0

Left: -240.453+/-2.932 χ^2/NDF : 186.2/2

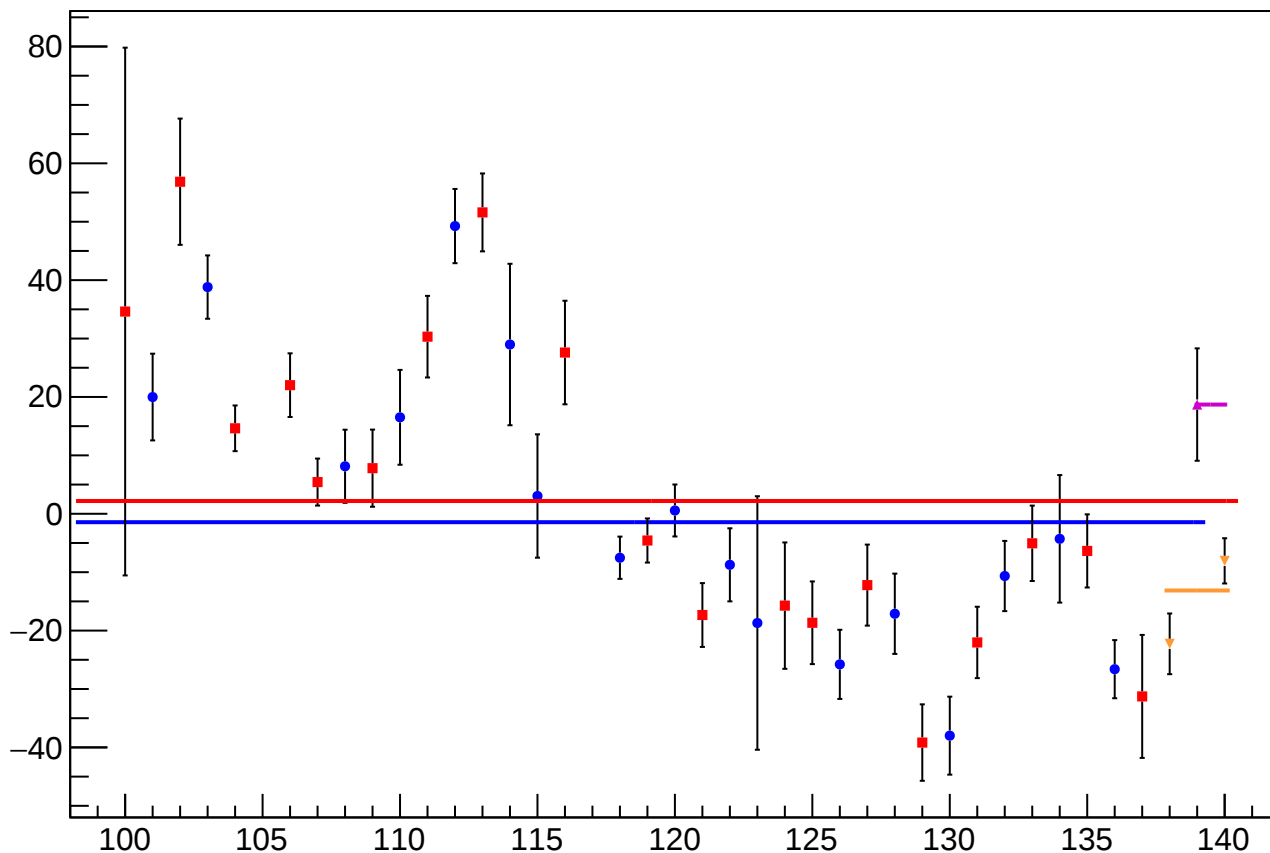
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -300.996+/-5.334 χ^2/NDF : 0.0/0

Out: -214.247+/-3.509 χ^2/NDF : 1.5/1

All: -240.453+/-2.932 χ^2/NDF : 186.2/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 $\pm$ 1.516 χ^2/NDF : 224.4/16

Left Out: -13.134 $\pm$ 3.104 χ^2/NDF : 4.8/1

Right Out: 2.188 $\pm$ 1.400 χ^2/NDF : 230.7/18

Left In: 18.698 $\pm$ 9.622 χ^2/NDF : 0.0/0

Left: -10.133 $\pm$ 2.954 χ^2/NDF : 14.7/2

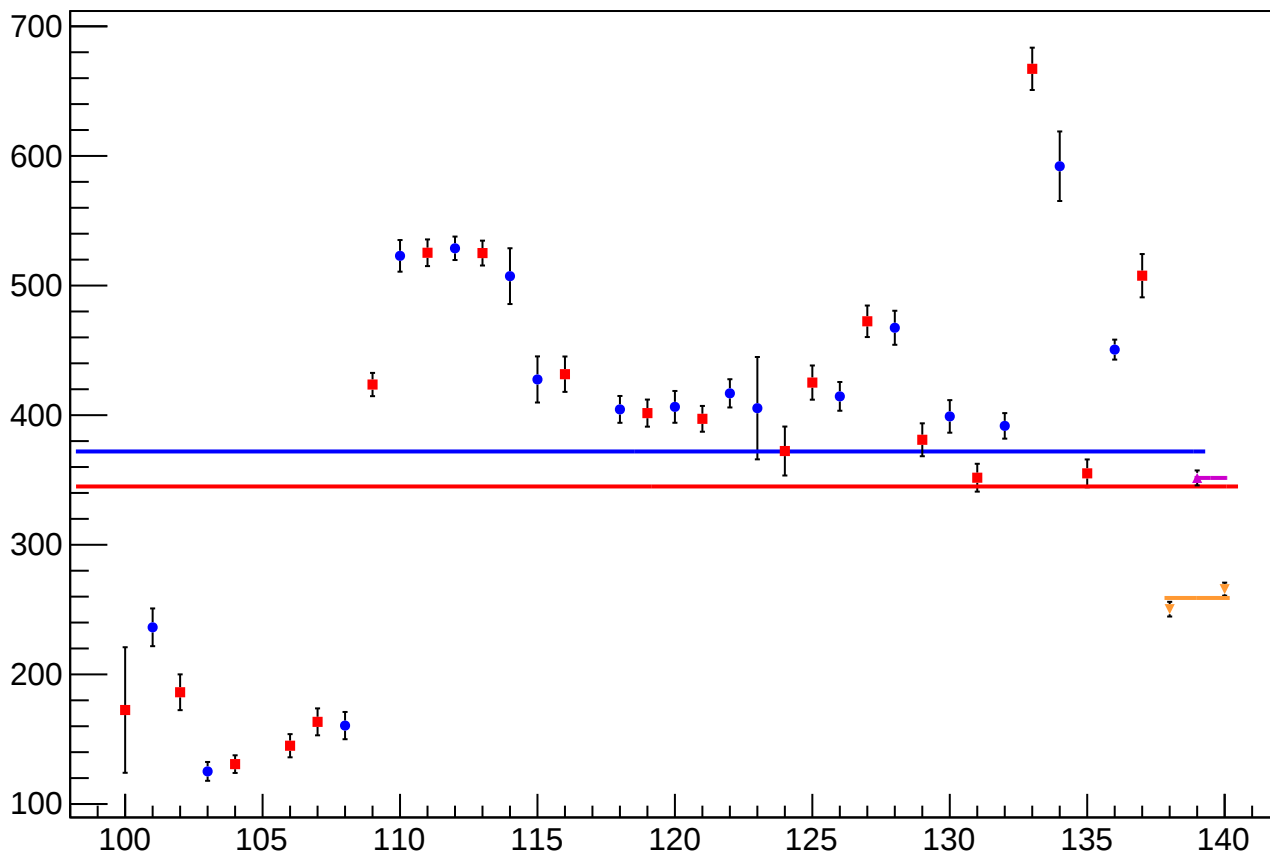
Right: 0.518 $\pm$ 1.029 χ^2/NDF : 458.2/35

In: -0.952 $\pm$ 1.498 χ^2/NDF : 228.7/17

Out: -0.403 $\pm$ 1.277 χ^2/NDF : 255.7/20

All: -0.634 $\pm$ 0.971 χ^2/NDF : 484.5/38

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 258.973 ± 3.766 $\chi^2/\text{NDF}: 4.1/1$

Right Out: 344.990 ± 2.561 $\chi^2/\text{NDF}: 3414.4/18$

Left In: 351.585 ± 5.774 $\chi^2/\text{NDF}: 0.0/0$

Left: 286.612 ± 3.154 $\chi^2/\text{NDF}: 184.6/2$

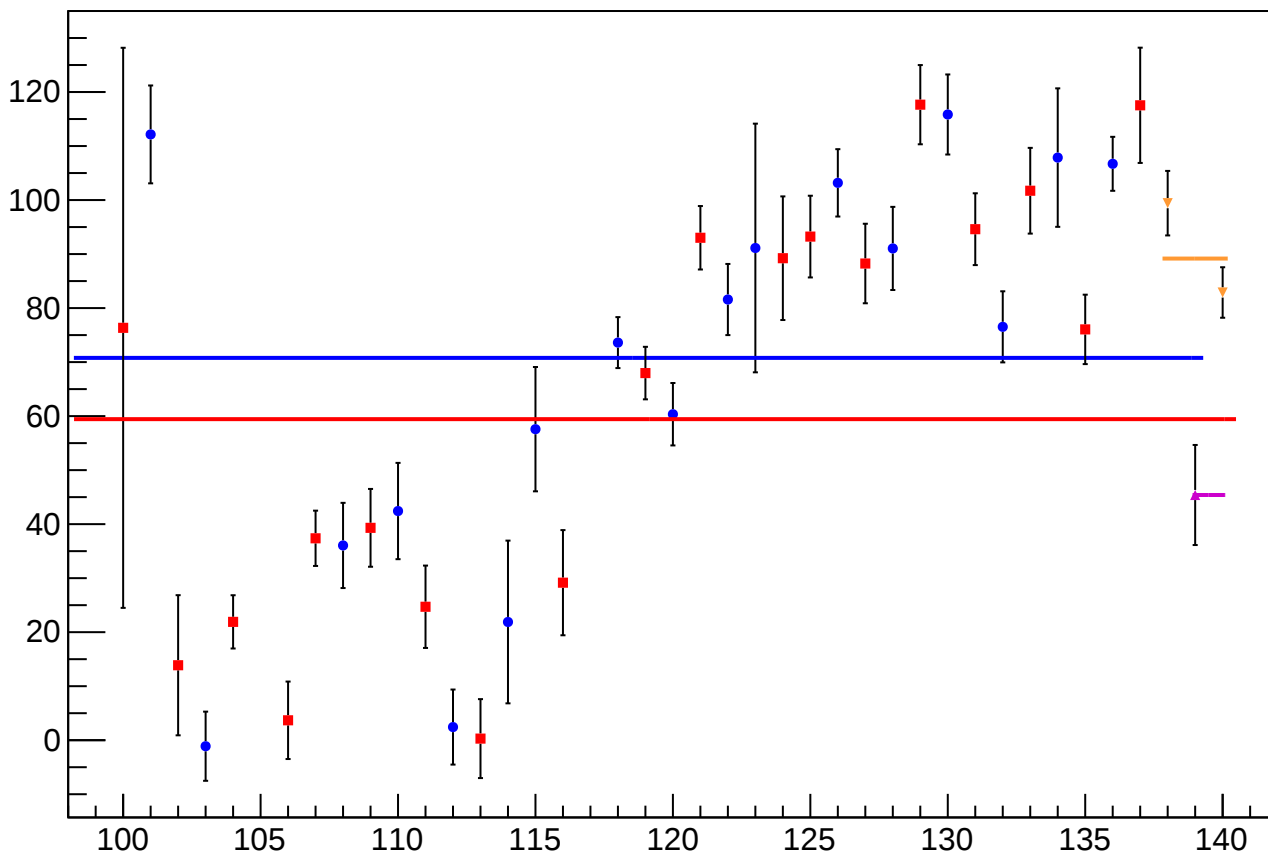
Right: 357.461 ± 1.879 $\chi^2/\text{NDF}: 5896.9/35$

In: 368.190 ± 2.494 $\chi^2/\text{NDF}: 2441.4/17$

Out: 317.794 ± 2.118 $\chi^2/\text{NDF}: 3775.2/20$

All: 338.910 ± 1.614 $\chi^2/\text{NDF}: 6453.9/38$

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: 89.167 $\pm$ 3.681 χ^2/NDF : 4.8/1

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 45.396 $\pm$ 9.263 χ^2/NDF : 0.0/0

Left: 83.197 $\pm$ 3.421 χ^2/NDF : 24.0/2

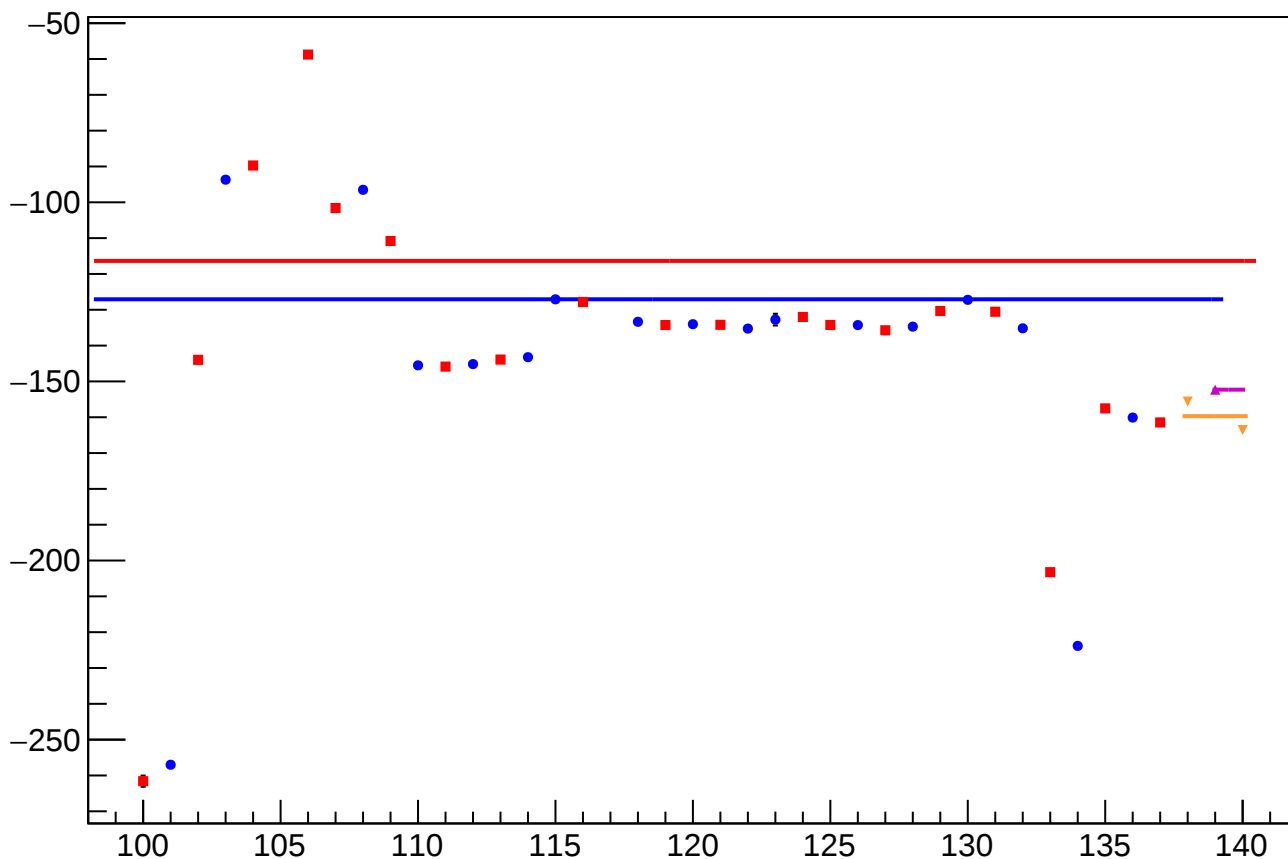
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 69.909 $\pm$ 1.716 χ^2/NDF : 431.2/17

Out: 64.317 $\pm$ 1.491 χ^2/NDF : 546.0/20

All: 66.723 $\pm$ 1.126 χ^2/NDF : 983.2/38

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -159.696+/-0.158 χ^2/NDF : 635.0/1

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -152.302+/-0.204 χ^2/NDF : 0.0/0

Left: -156.927+/-0.125 χ^2/NDF : 1459.7/2

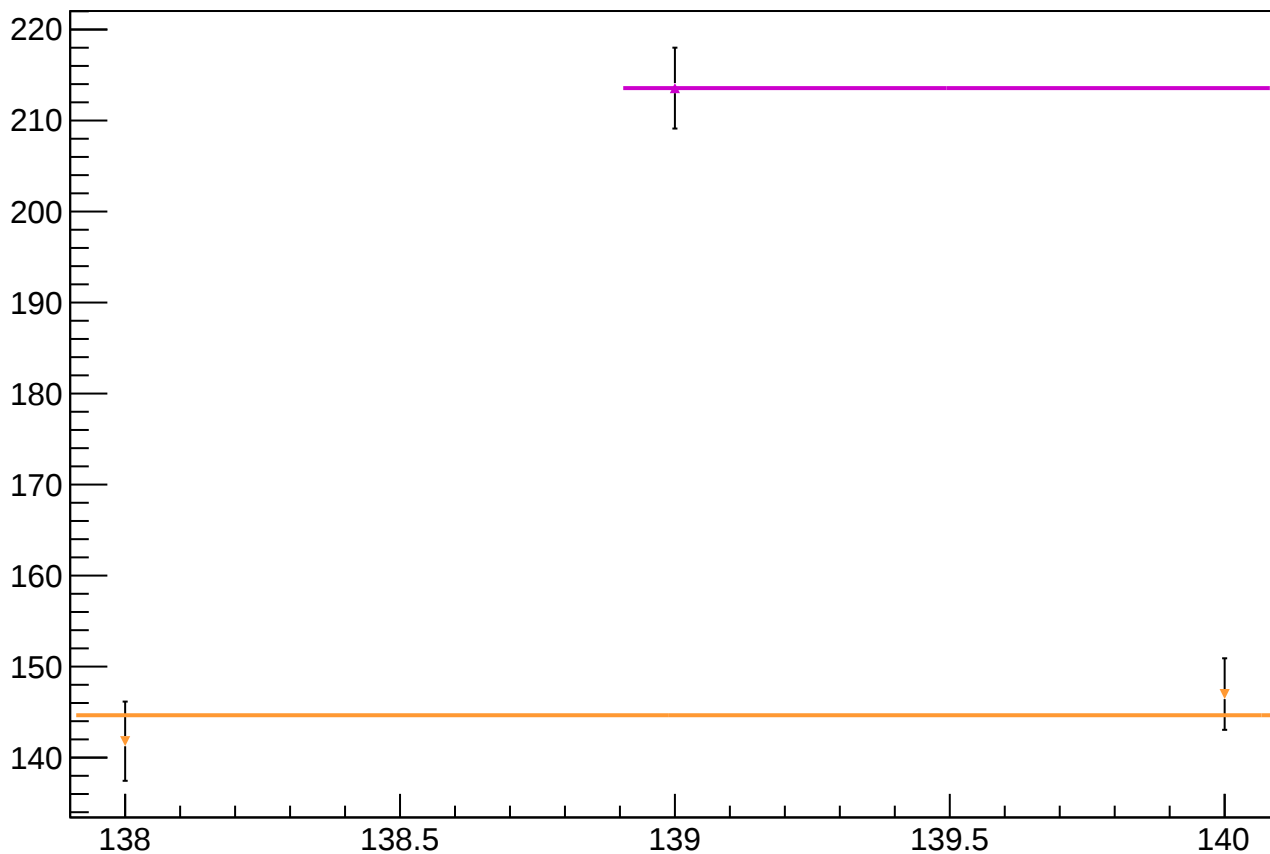
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -131.162+/-0.082 χ^2/NDF : 179887.9/17

Out: -125.760+/-0.073 χ^2/NDF : 227426.3/20

All: -128.163+/-0.055 χ^2/NDF : 409726.2/38

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

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

Left In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Left: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

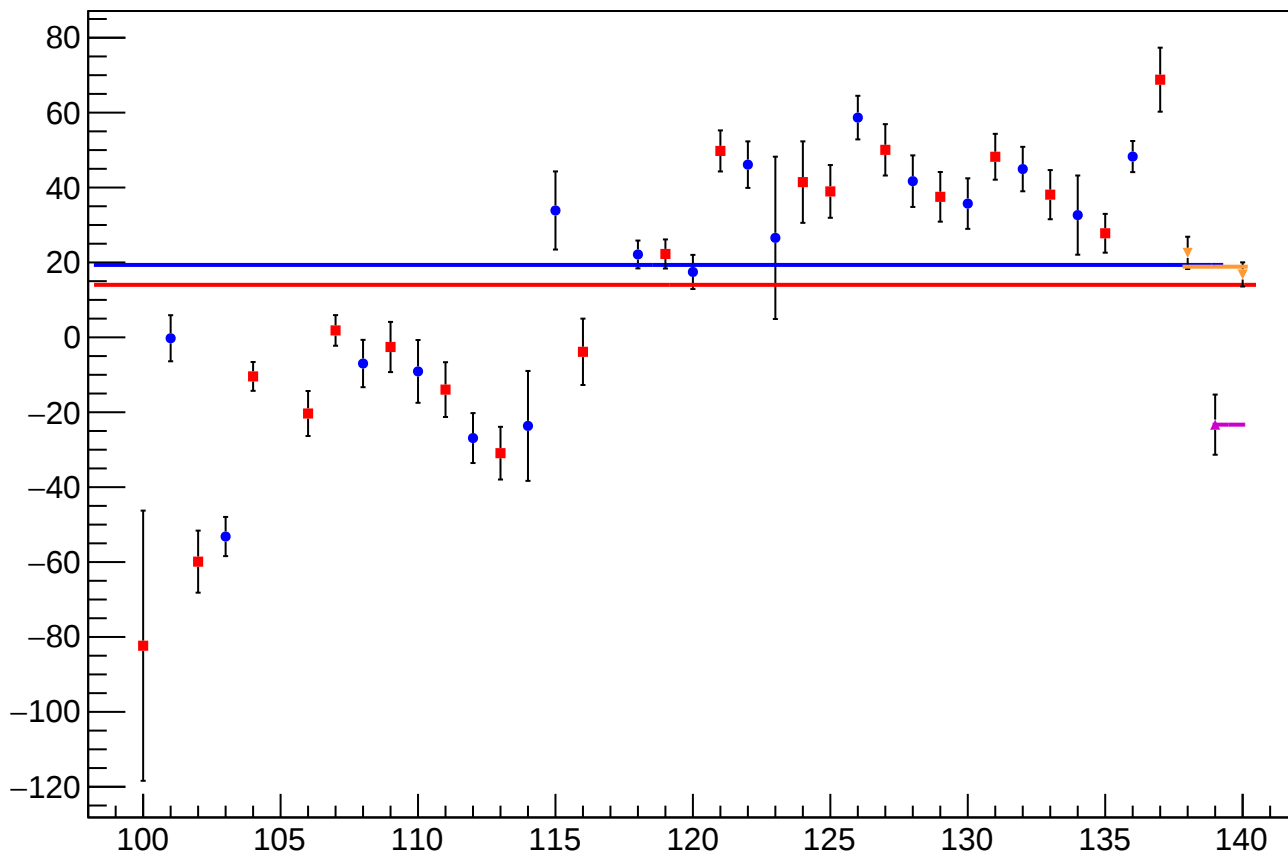
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

All: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2/NDF : 439.8/16

Left Out: 18.867 $\pm$ 2.580 χ^2/NDF : 1.1/1

Right Out: 14.018 $\pm$ 1.390 χ^2/NDF : 433.2/18

Left In: -23.313 $\pm$ 8.033 χ^2/NDF : 0.0/0

Left: 14.922 $\pm$ 2.457 χ^2/NDF : 26.1/2

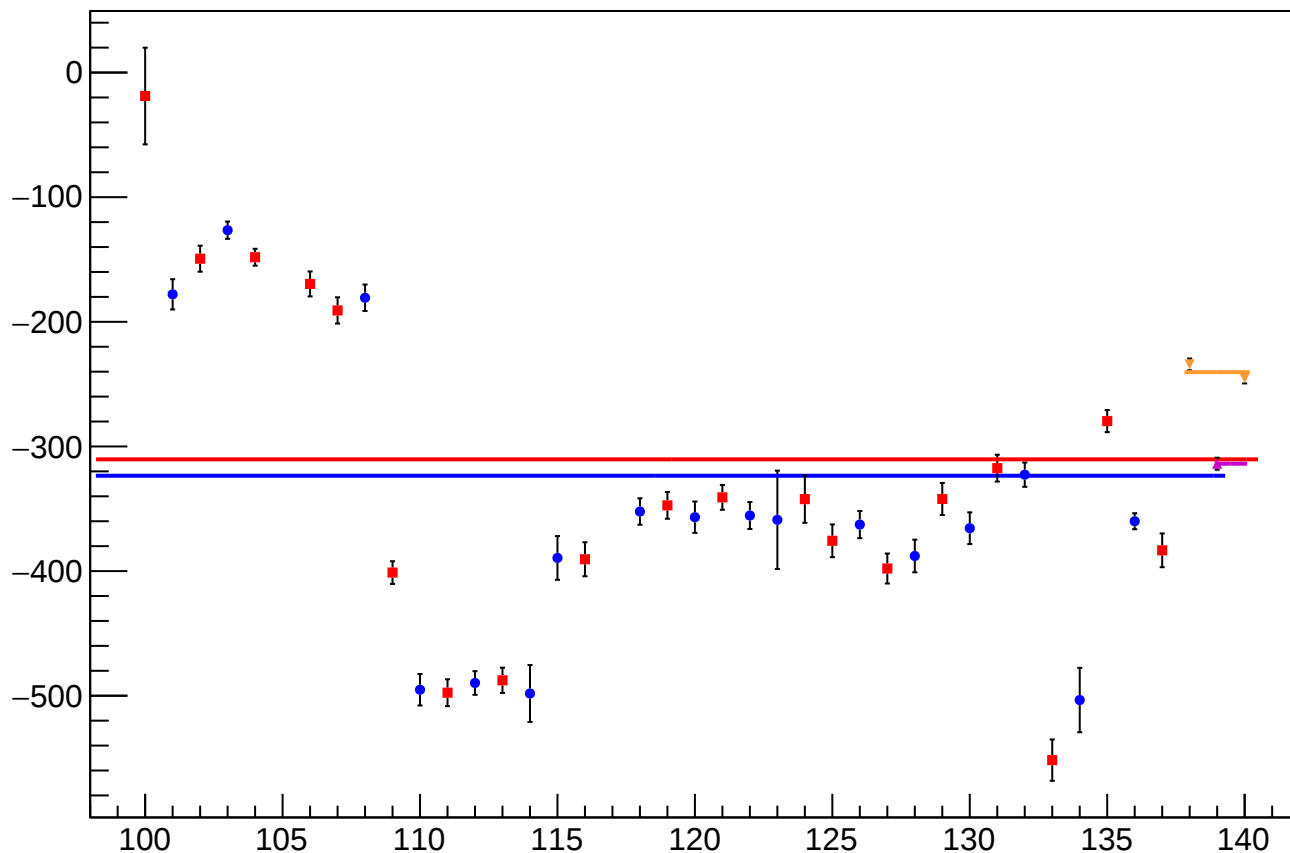
Right: 16.507 $\pm$ 1.014 χ^2/NDF : 879.9/35

In: 17.932 $\pm$ 1.458 χ^2/NDF : 467.1/17

Out: 15.109 $\pm$ 1.224 χ^2/NDF : 437.1/20

All: 16.276 $\pm$ 0.937 χ^2/NDF : 906.4/38

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: -240.365+/-3.131 χ^2/NDF : 3.1/1

Right Out: -310.336+/-2.522 χ^2/NDF : 2300.5/18

Left In: -313.839+/-4.808 χ^2/NDF : 0.0/0

Left: -262.238+/-2.624 χ^2/NDF : 167.1/2

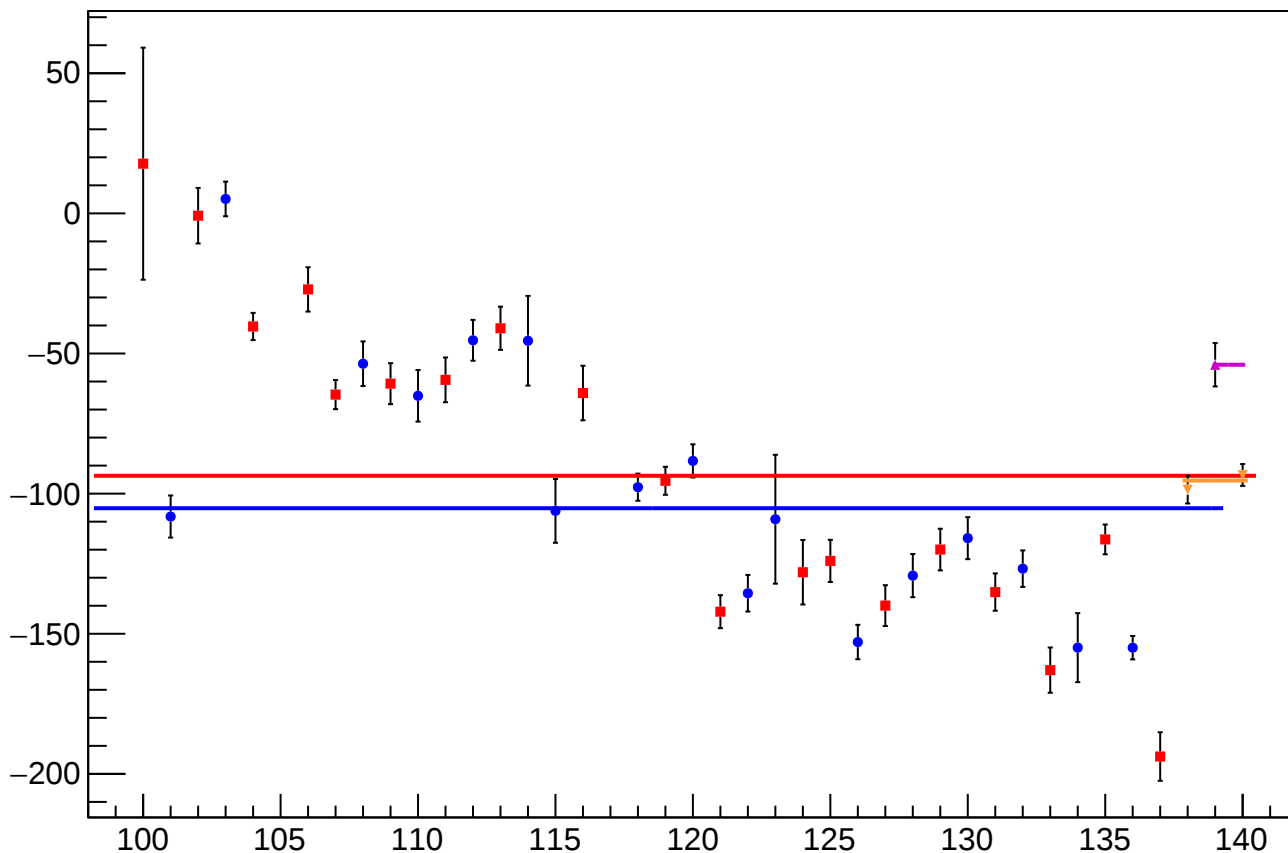
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -321.213+/-2.336 χ^2/NDF : 1850.6/17

Out: -282.802+/-1.964 χ^2/NDF : 2606.6/20

All: -298.707+/-1.503 χ^2/NDF : 4615.6/38

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: -95.333 ± 3.059 χ^2/NDF : 0.7/1

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -54.015 ± 7.735 χ^2/NDF : 0.0/0

Left: -89.744 ± 2.845 χ^2/NDF : 25.4/2

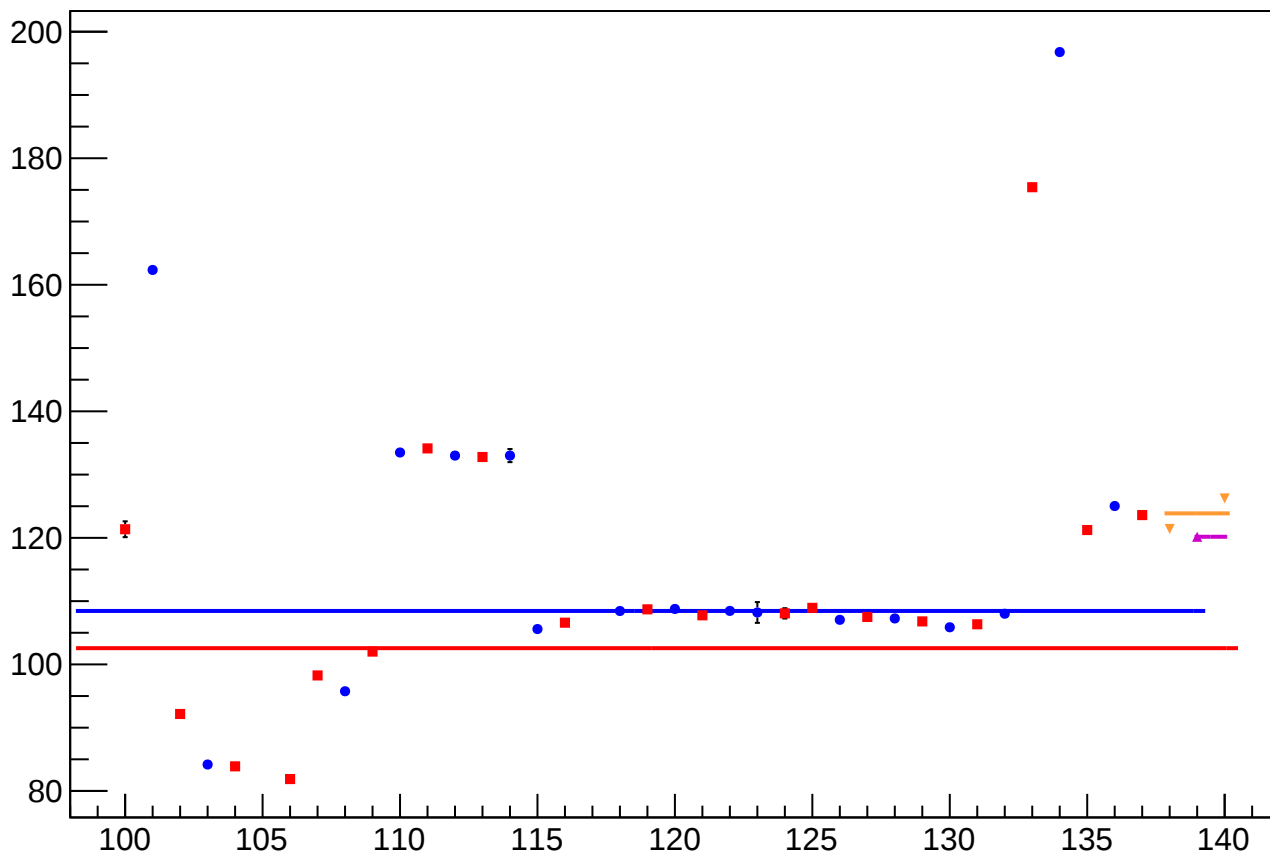
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -102.853 ± 1.657 χ^2/NDF : 777.4/17

Out: -93.995 ± 1.425 χ^2/NDF : 823.6/20

All: -97.759 ± 1.080 χ^2/NDF : 1617.4/38

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 123.873 ± 0.131 $\chi^2/\text{NDF}: 339.9/1$

Right Out: 102.566 ± 0.079 $\chi^2/\text{NDF}: 53135.3/18$

Left In: 120.176 ± 0.170 $\chi^2/\text{NDF}: 0.0/0$

Left: 122.497 ± 0.104 $\chi^2/\text{NDF}: 636.8/2$

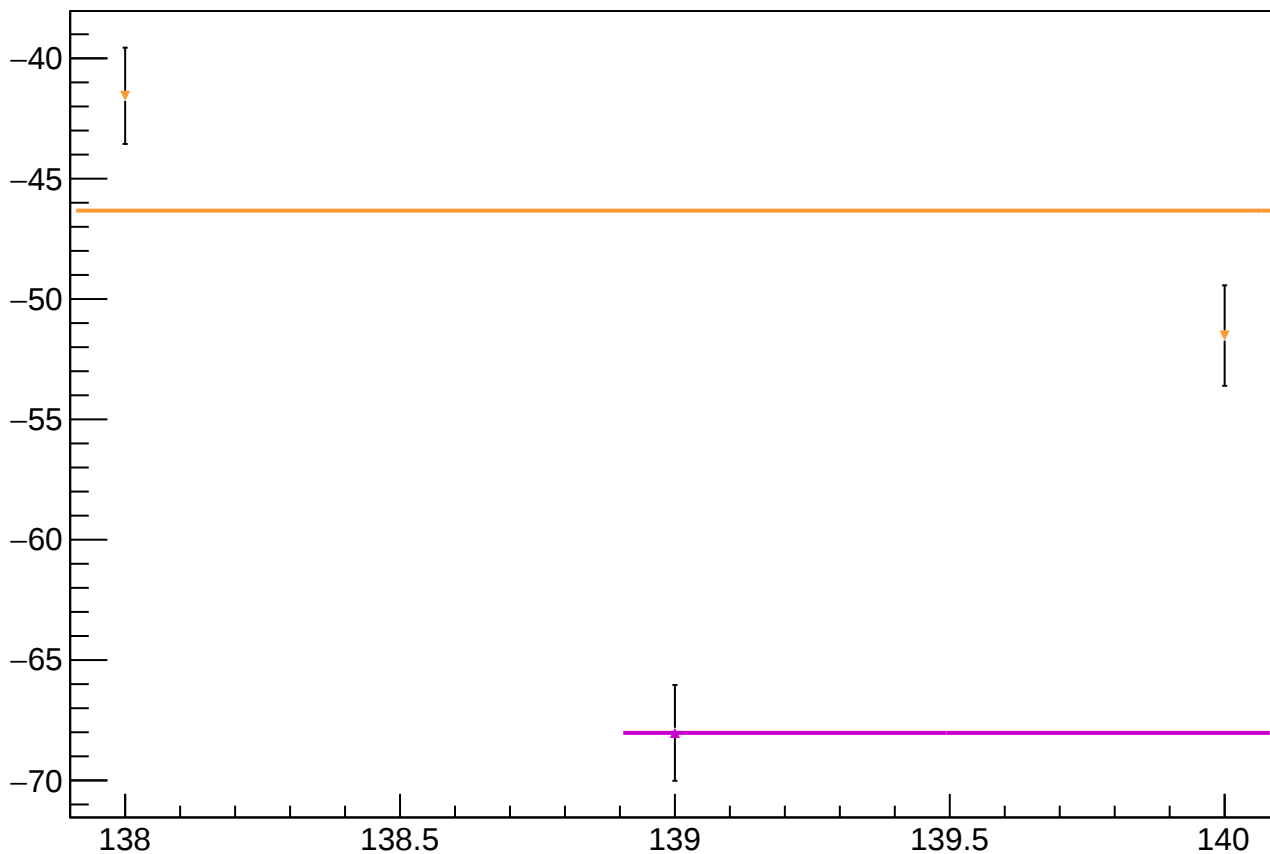
Right: 105.316 ± 0.058 $\chi^2/\text{NDF}: 128963.5/35$

In: 110.784 ± 0.076 $\chi^2/\text{NDF}: 77075.9/17$

Out: 108.300 ± 0.068 $\chi^2/\text{NDF}: 72834.1/20$

All: 109.405 ± 0.051 $\chi^2/\text{NDF}: 150505.2/38$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -46.327 $\pm$ 1.444 χ^2/NDF : 11.9/1

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

Left In: -68.026 $\pm$ 1.991 χ^2/NDF : 0.0/0

Left: -53.811 $\pm$ 1.169 χ^2/NDF : 89.7/2

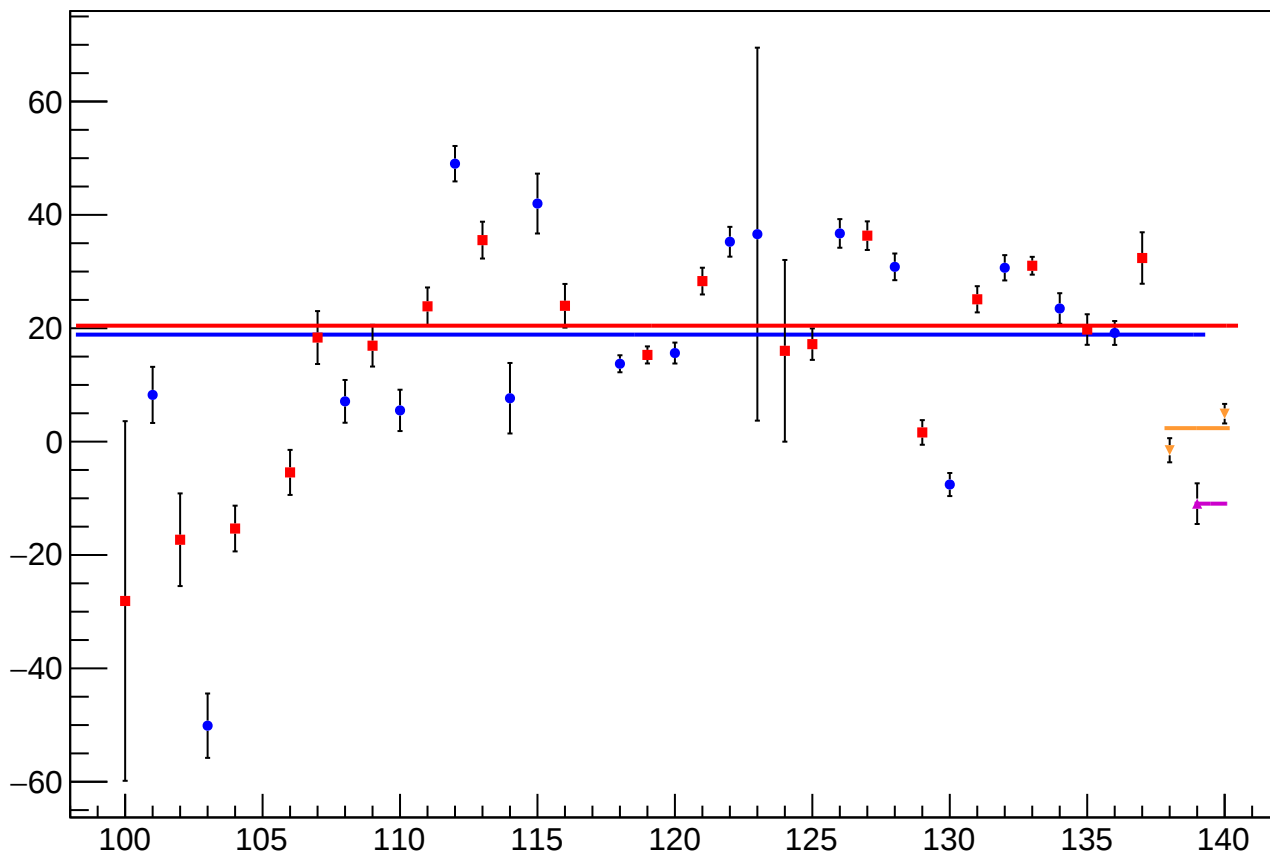
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -68.026 $\pm$ 1.991 χ^2/NDF : 0.0/0

Out: -46.327 $\pm$ 1.444 χ^2/NDF : 11.9/1

All: -53.811 $\pm$ 1.169 χ^2/NDF : 89.7/2

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 2.377+/-1.340 χ^2/NDF : 5.5/1

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: -10.944+/-3.588 χ^2/NDF : 0.0/0

Left: 0.747+/-1.255 χ^2/NDF : 17.6/2

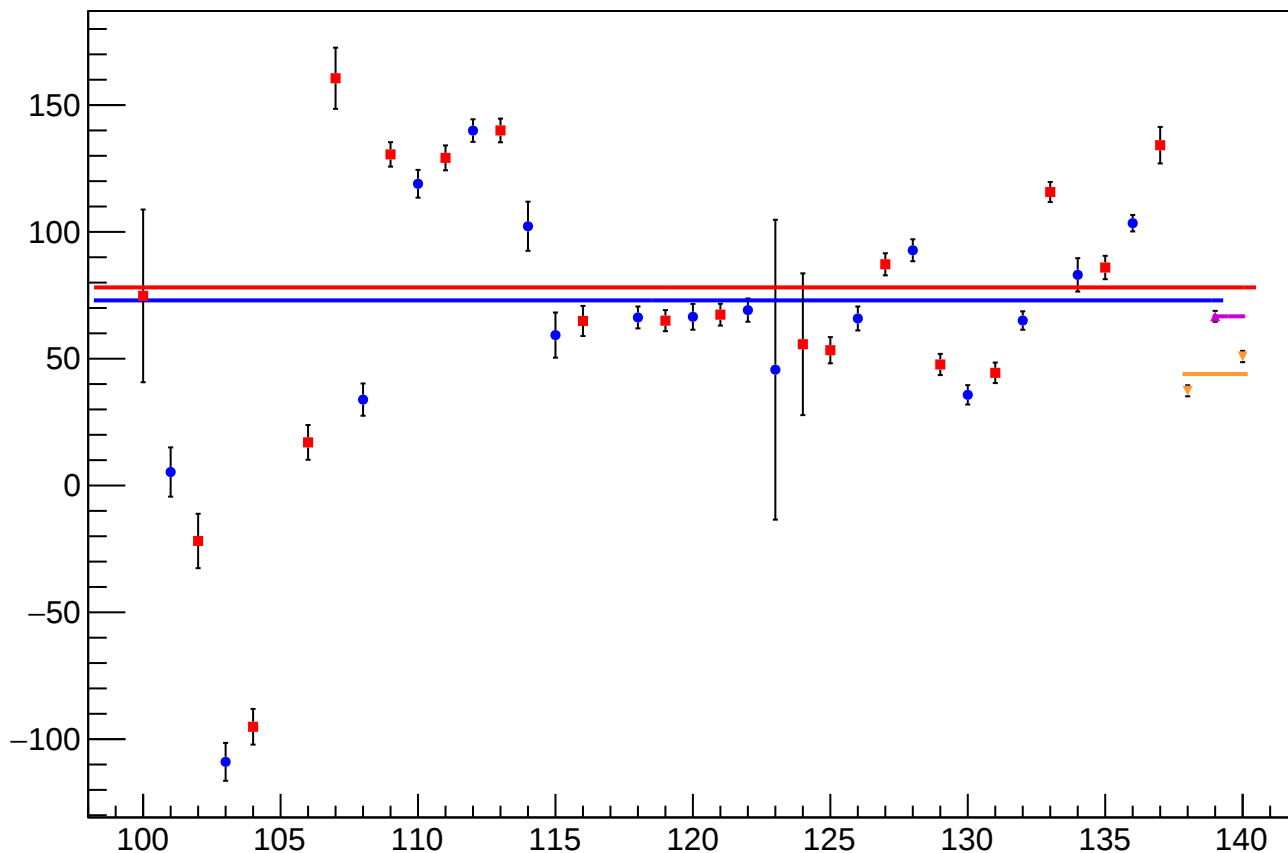
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 17.944+/-0.634 χ^2/NDF : 687.4/17

Out: 17.066+/-0.580 χ^2/NDF : 518.3/20

All: 17.466+/-0.428 χ^2/NDF : 1206.8/38

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: 43.946 $\pm$ 1.553 χ^2 /NDF:18.9/1

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 66.706 $\pm$ 2.155 χ^2 /NDF:0.0/0

Left: 51.725 $\pm$ 1.260 χ^2 /NDF: 92.3/2

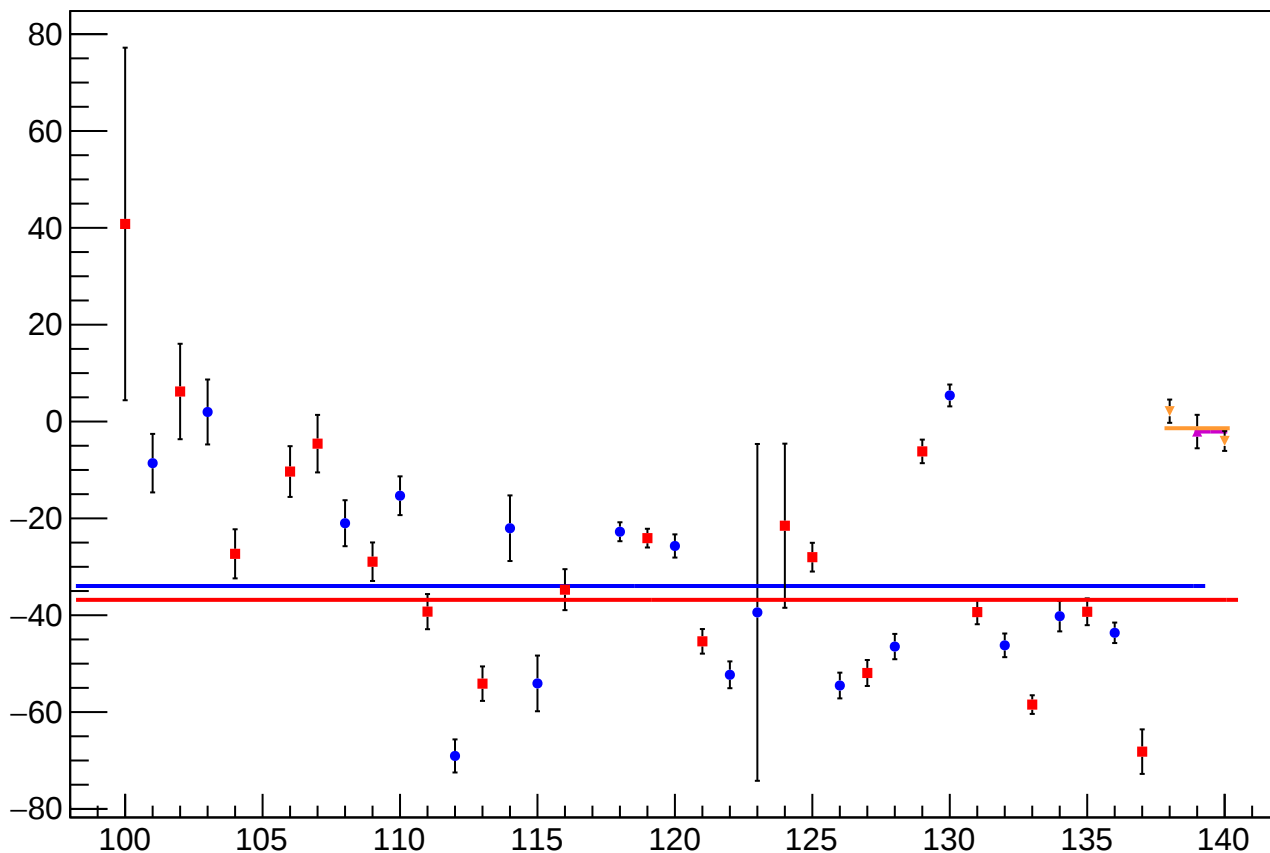
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 71.447 $\pm$ 1.068 χ^2 /NDF:1211.9/17

Out: 65.034 $\pm$ 0.961 χ^2 /NDF:1864.5/20

All: 67.902 $\pm$ 0.714 χ^2 /NDF: 3096.3/38

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: -1.382 ± 1.568 χ^2/NDF : 3.7/1

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -2.069 ± 3.454 χ^2/NDF : 0.0/0

Left: -1.499 ± 1.427 χ^2/NDF : 3.8/2

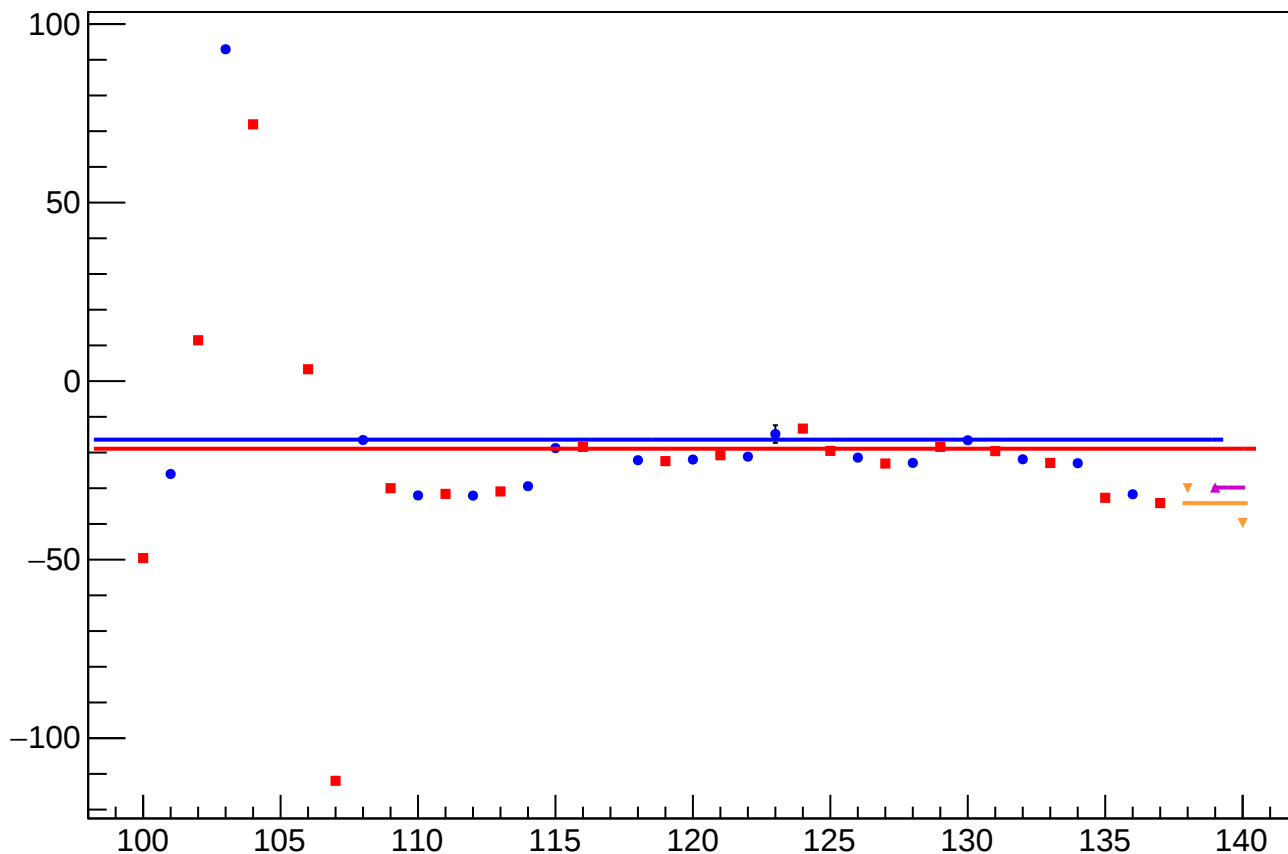
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -32.573 ± 0.721 χ^2/NDF : 803.5/17

Out: -30.411 ± 0.667 χ^2/NDF : 962.3/20

All: -31.407 ± 0.490 χ^2/NDF : 1770.6/38

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: -34.188 ± 0.064 $\chi^2/\text{NDF}: 5722.6/1$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -29.811 ± 0.076 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.379 ± 0.049 $\chi^2/\text{NDF}: 7674.6/2$

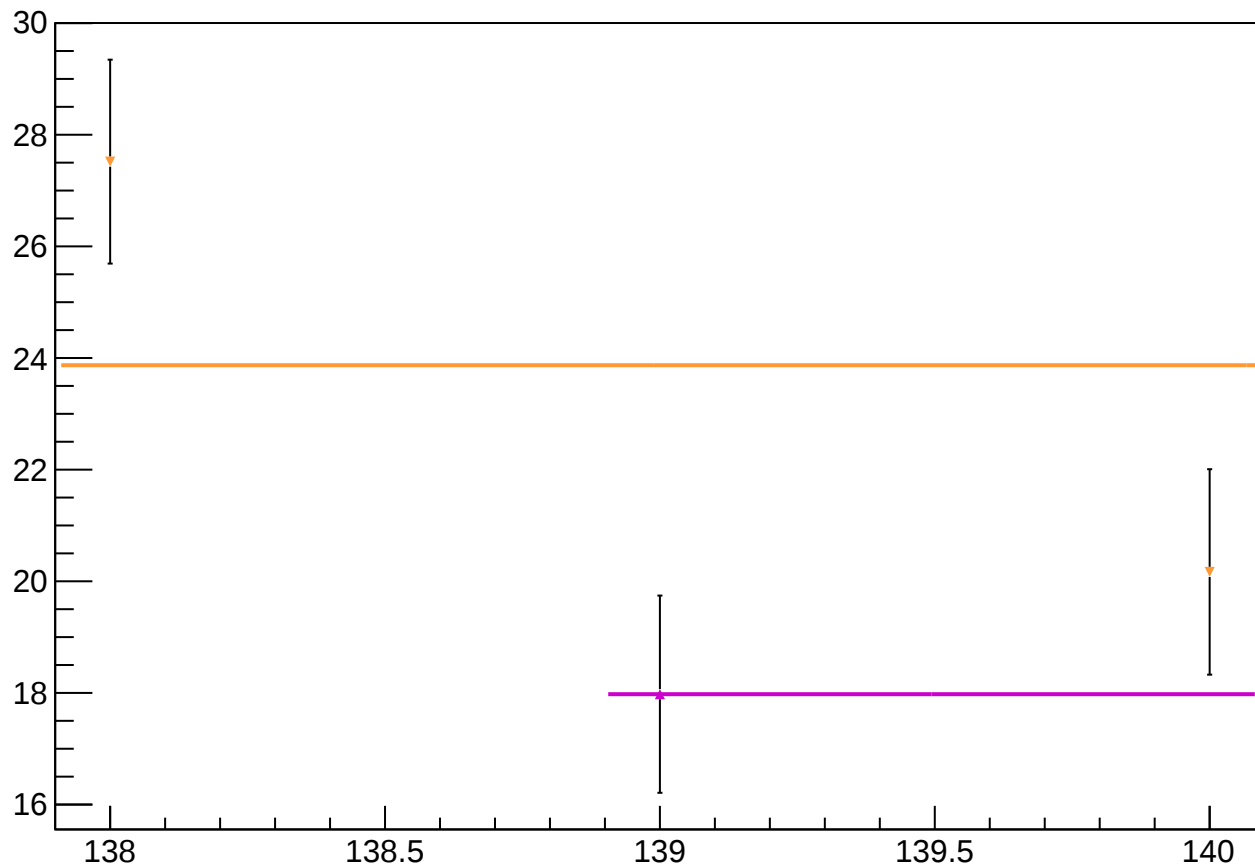
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.818 ± 0.038 $\chi^2/\text{NDF}: 497595.2/17$

Out: -24.045 ± 0.037 $\chi^2/\text{NDF}: 478033.5/20$

All: -22.014 ± 0.027 $\chi^2/\text{NDF}: 981938.7/38$

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: 23.871+/-1.296 χ^2 /NDF:8.0/1

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

Left In: 17.977+/-1.767 χ^2 /NDF:0.0/0

Left: 21.808+/-1.045 χ^2 /NDF: 15.3/2

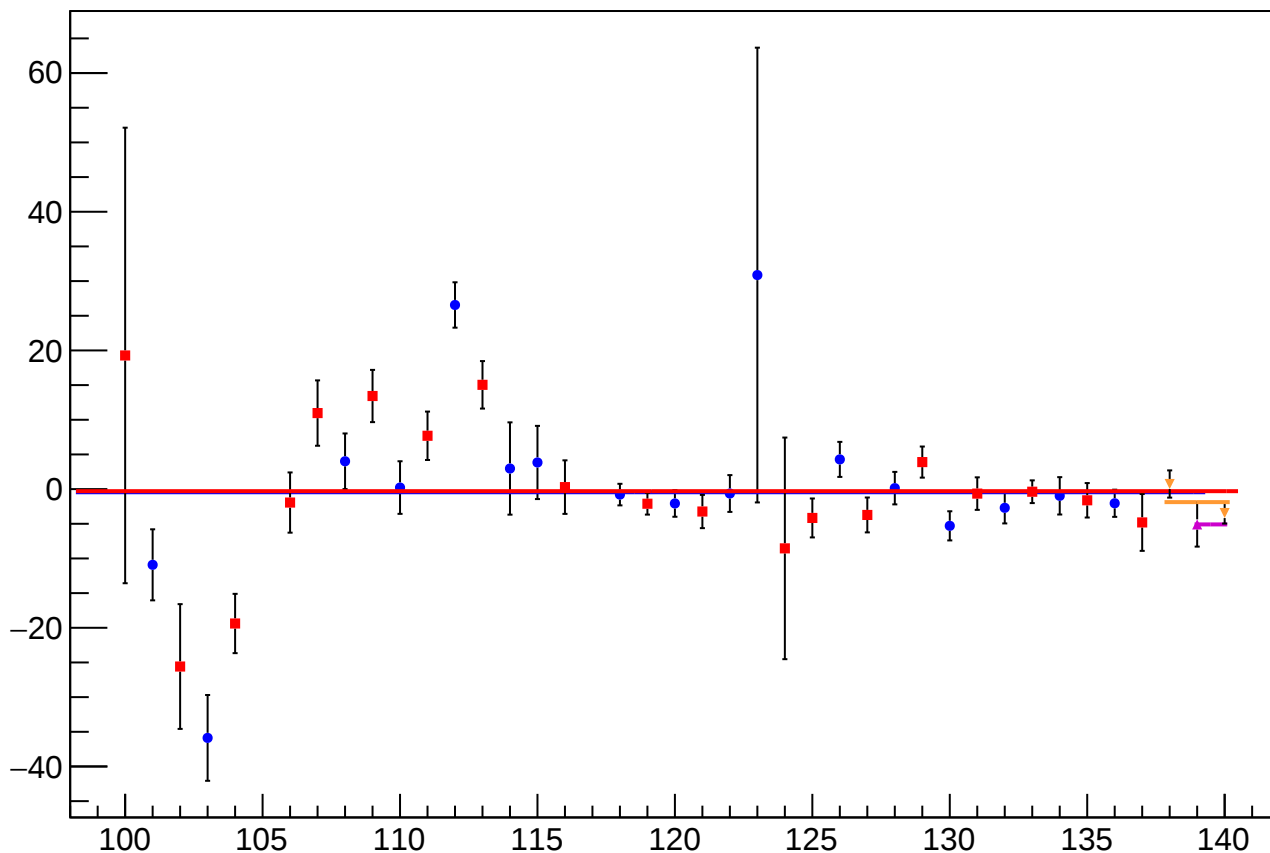
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 17.977+/-1.767 χ^2 /NDF:0.0/0

Out: 23.871+/-1.296 χ^2 /NDF:8.0/1

All: 21.808+/-1.045 χ^2 /NDF: 15.3/2

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: -1.875 ± 1.204 χ^2/NDF : 2.8/1

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -5.092 ± 3.202 χ^2/NDF : 0.0/0

Left: -2.274 ± 1.127 χ^2/NDF : 3.7/2

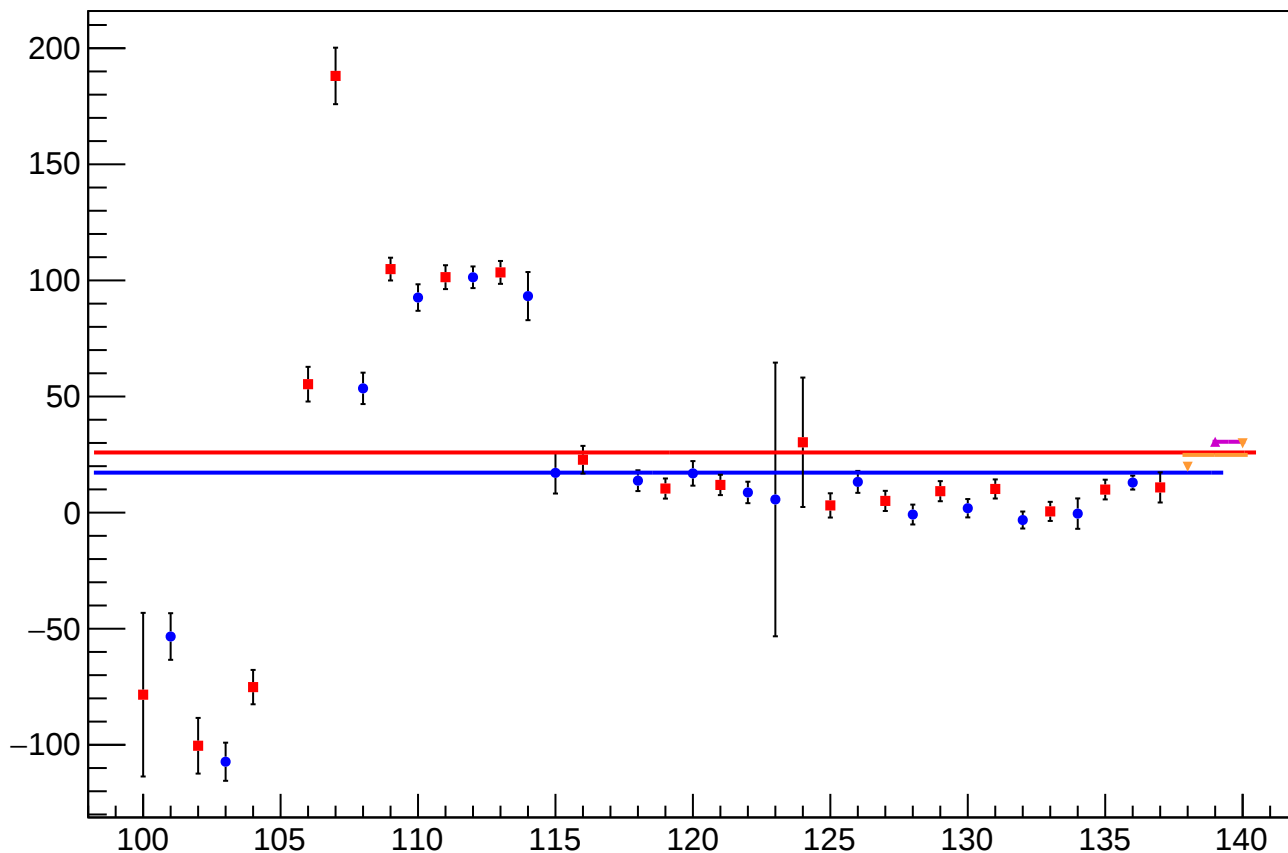
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.638 ± 0.641 χ^2/NDF : 121.5/17

Out: -0.660 ± 0.577 χ^2/NDF : 88.6/20

All: -0.650 ± 0.429 χ^2/NDF : 210.2/38

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: 24.860 $\pm$ 1.394 χ^2 /NDF:13.1/1

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 30.511 $\pm$ 1.911 χ^2 /NDF:0.0/0

Left: 26.822 $\pm$ 1.126 χ^2 /NDF: 18.8/2

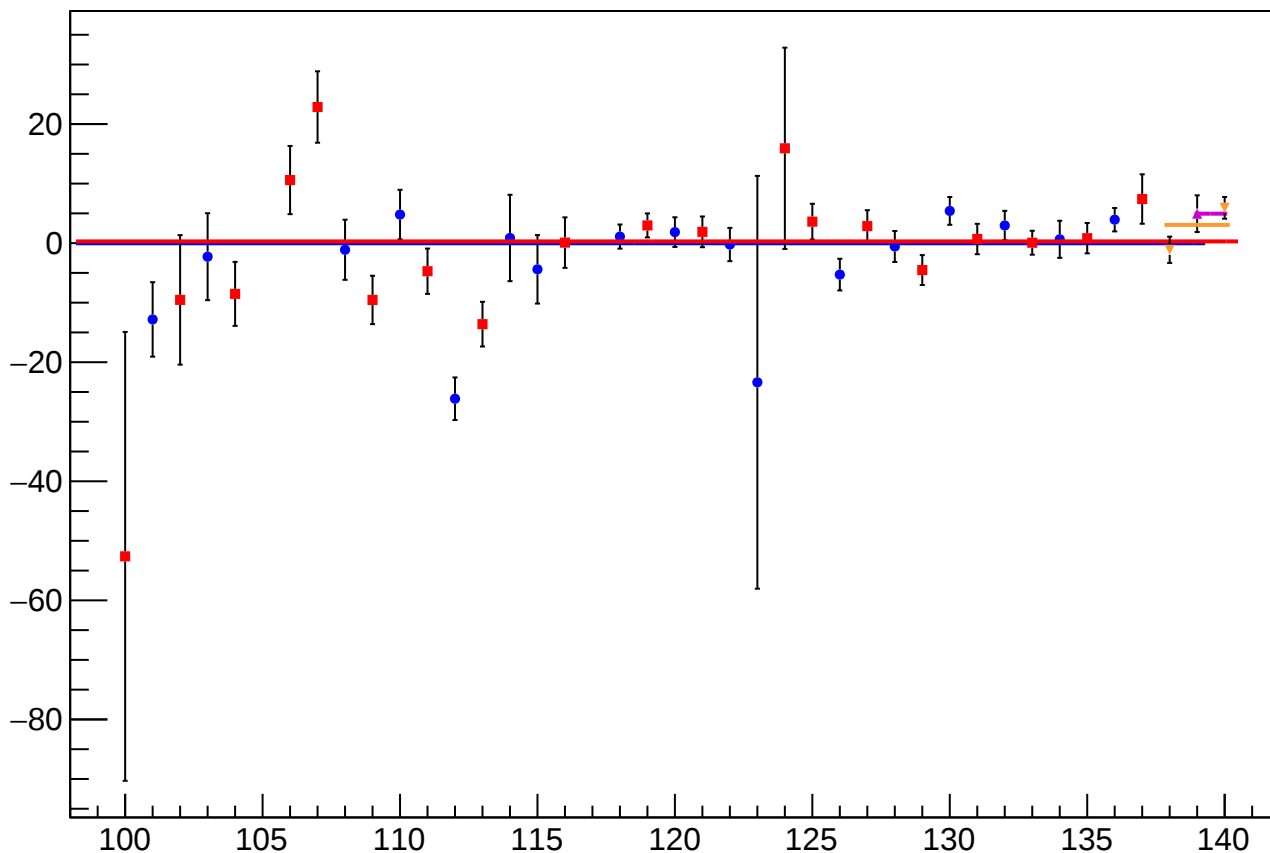
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 21.160 $\pm$ 1.041 χ^2 /NDF:974.1/17

Out: 25.441 $\pm$ 0.928 χ^2 /NDF:1388.2/20

All: 23.545 $\pm$ 0.693 χ^2 /NDF: 2371.8/38

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: 3.064 ± 1.407 χ^2/NDF : 6.1/1

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 4.948 ± 3.084 χ^2/NDF : 0.0/0

Left: 3.389 ± 1.280 χ^2/NDF : 6.4/2

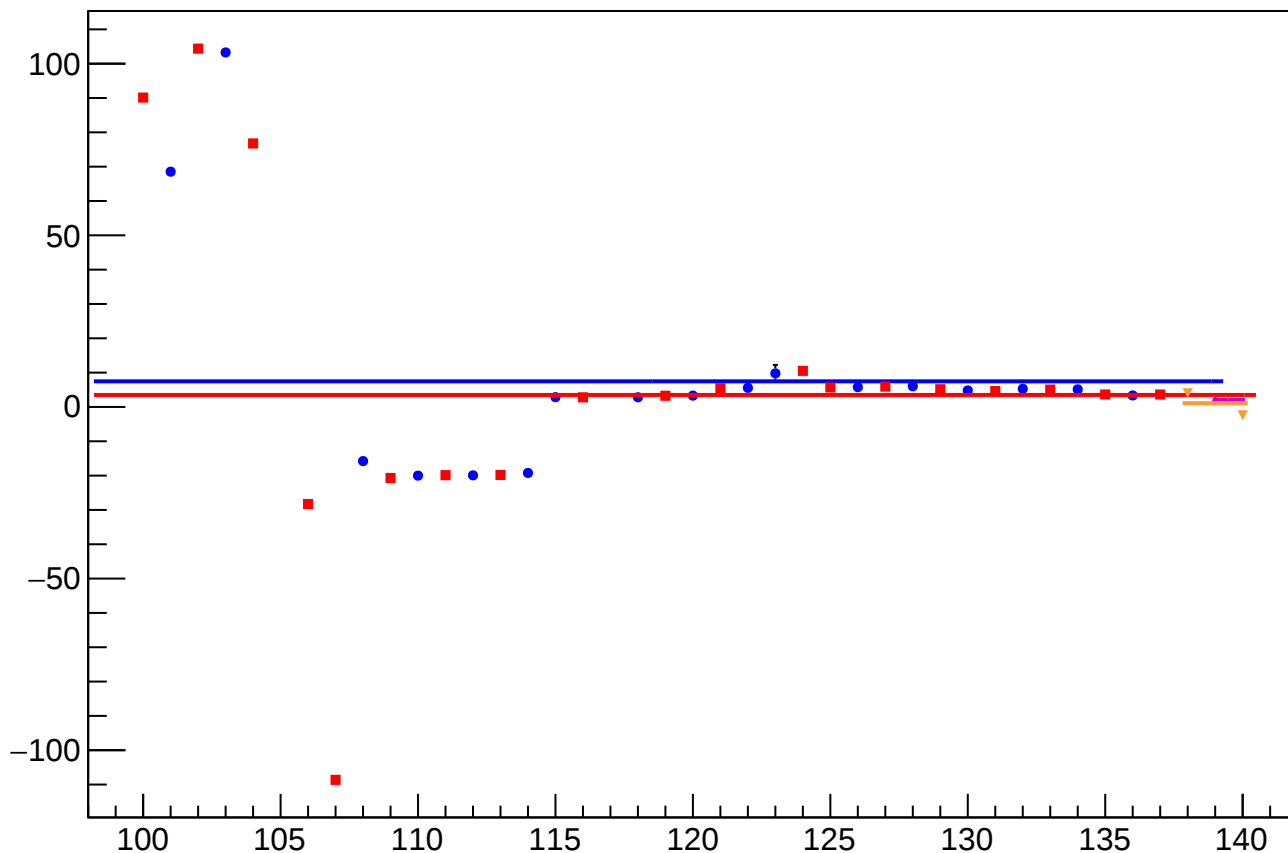
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.252 ± 0.724 χ^2/NDF : 78.3/17

Out: 0.903 ± 0.661 χ^2/NDF : 65.1/20

All: 0.607 ± 0.488 χ^2/NDF : 143.9/38

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 1.104 ± 0.057 χ^2/NDF : 3135.5/1

Right Out: 3.500 ± 0.046 χ^2/NDF : 510577.2/18

Left In: 2.016 ± 0.068 χ^2/NDF : 0.0/0

Left: 1.483 ± 0.044 χ^2/NDF : 3241.6/2

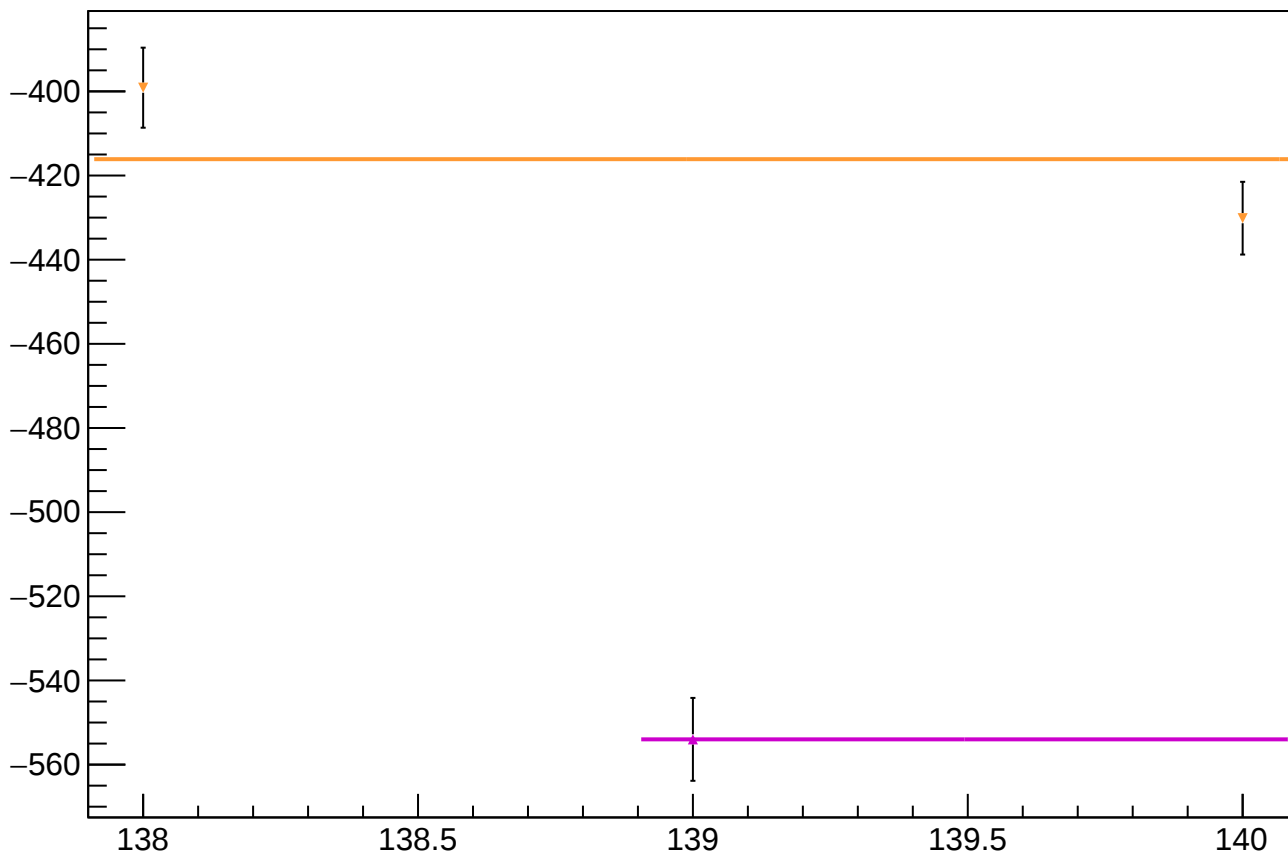
Right: 5.531 ± 0.032 χ^2/NDF : 870350.4/35

In: 5.823 ± 0.037 χ^2/NDF : 360421.5/17

Out: 2.567 ± 0.036 χ^2/NDF : 514789.3/20

All: 4.126 ± 0.026 χ^2/NDF : 879212.9/38

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: -416.111+/-6.397 χ^2/NDF : 5.8/1

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

Left In: -553.998+/-9.849 χ^2/NDF : 0.0/0

Left: -457.018+/-5.365 χ^2/NDF : 143.7/2

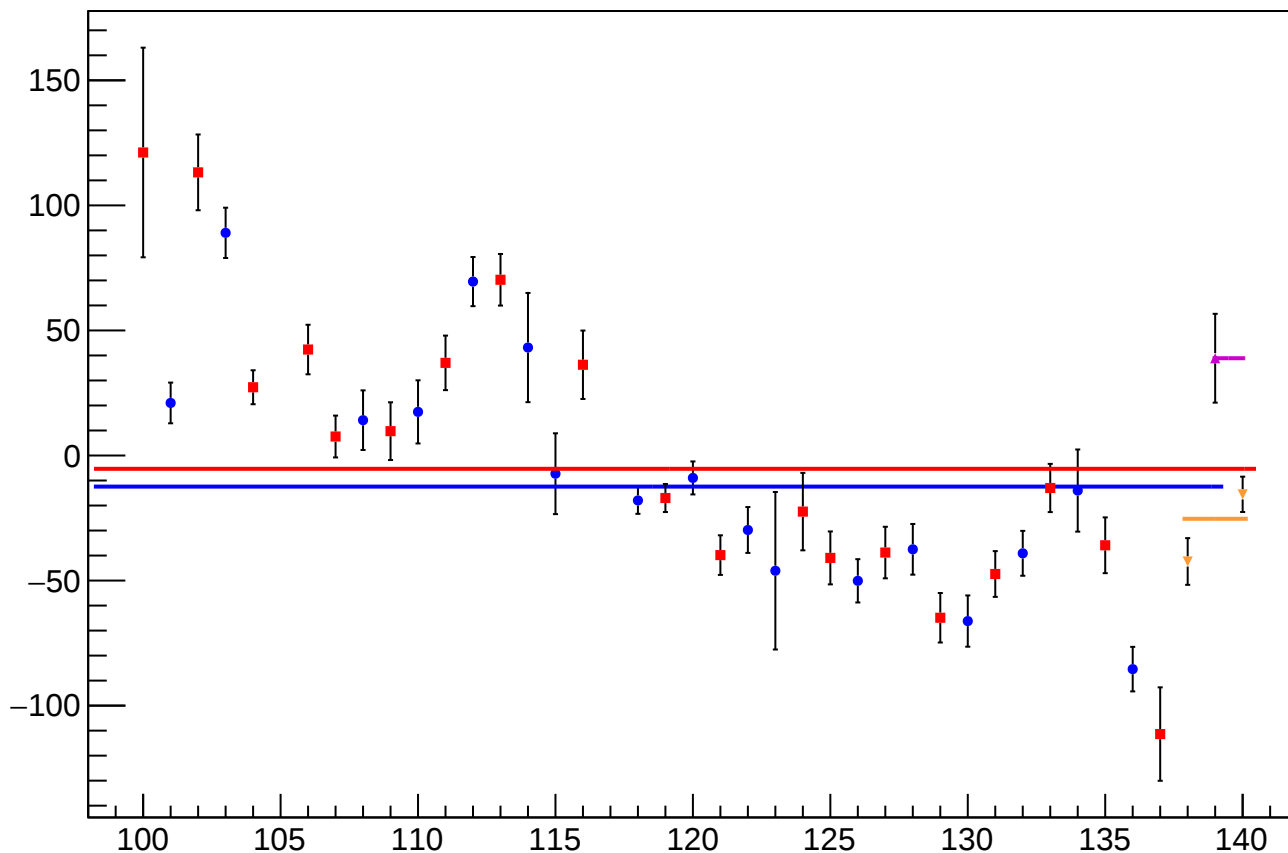
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.998+/-9.849 χ^2/NDF : 0.0/0

Out: -416.111+/-6.397 χ^2/NDF : 5.8/1

All: -457.018+/-5.365 χ^2/NDF : 143.7/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431+/-2.315 χ^2/NDF : 340.2/16

Left Out: -25.300+/-5.635 χ^2/NDF : 5.3/1

Right Out: -5.317+/-2.260 χ^2/NDF : 342.8/18

Left In: 38.893+/-17.755 χ^2/NDF : 0.0/0

Left: -19.424+/-5.371 χ^2/NDF : 17.1/2

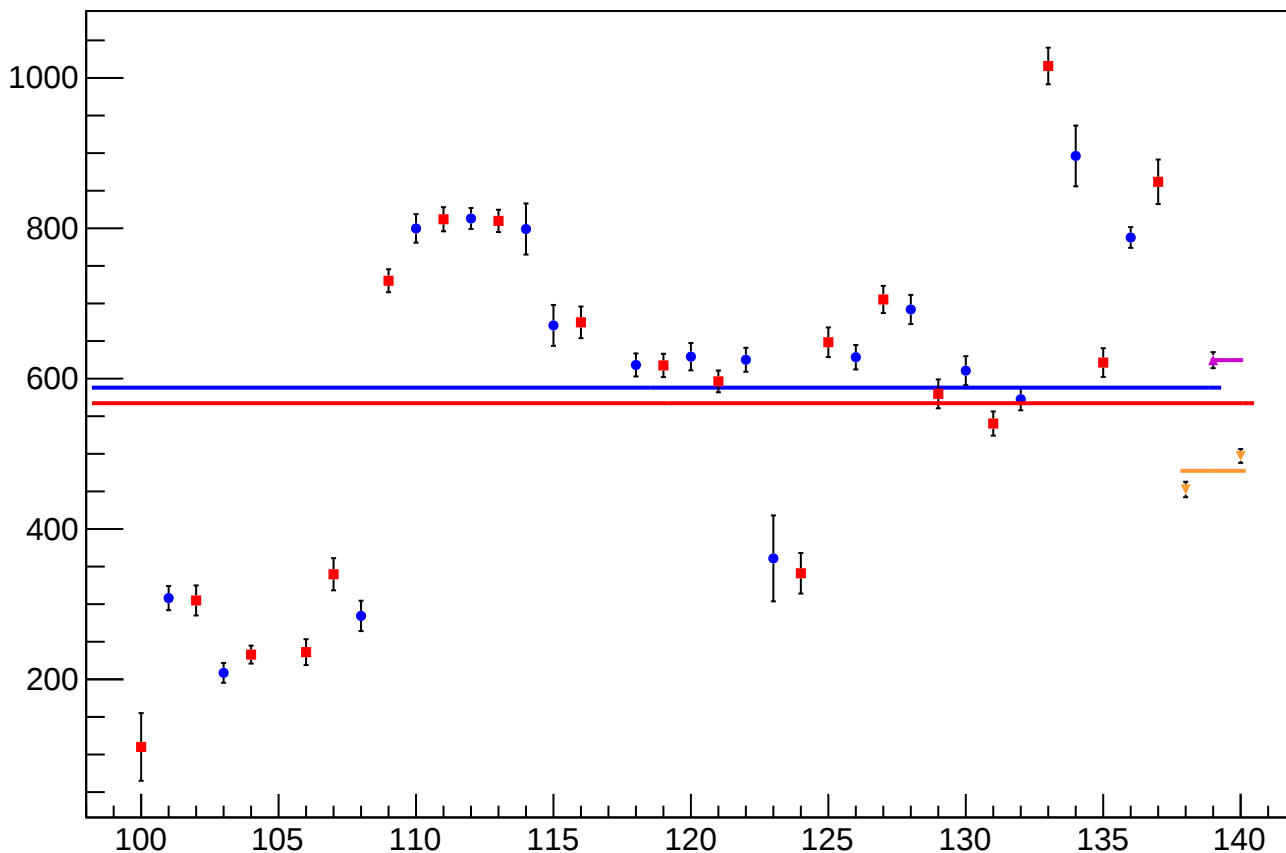
Right: -8.788+/-1.617 χ^2/NDF : 687.9/35

In: -11.573+/-2.296 χ^2/NDF : 348.4/17

Out: -8.085+/-2.097 χ^2/NDF : 358.9/20

All: -9.672+/-1.548 χ^2/NDF : 708.6/38

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 477.371+/-6.865 χ^2/NDF :10.4/1

Right Out: 567.313+/-4.133 χ^2/NDF : 2784.3/18

Left In: 624.607+/-10.664 χ^2/NDF :0.0/0

Left: 520.514+/-5.772 χ^2/NDF : 145.2/2

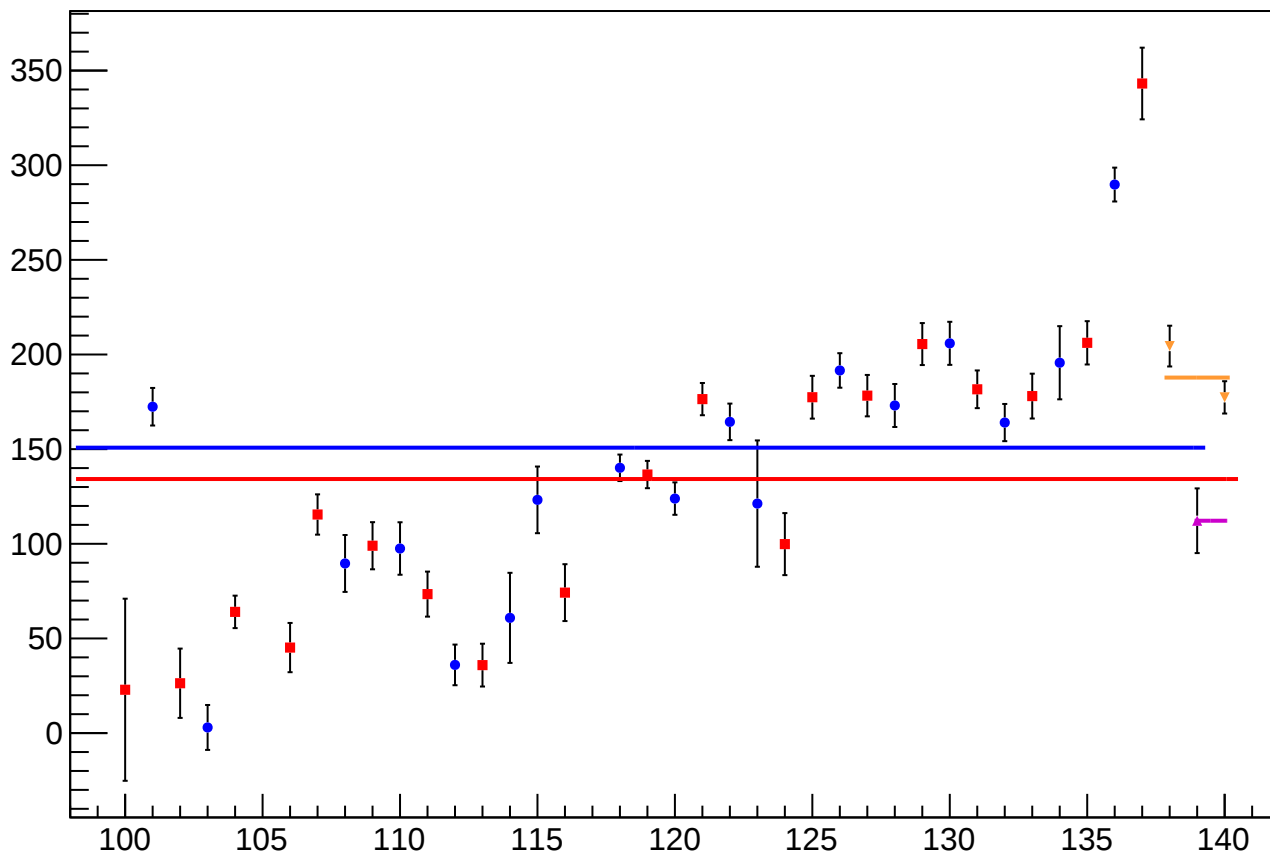
Right: 577.194+/-2.989 χ^2/NDF : 4924.0/35

In: 593.208+/-4.011 χ^2/NDF :2137.8/17

Out: 543.385+/-3.541 χ^2/NDF :2920.7/20

All: 565.208+/-2.655 χ^2/NDF : 5145.3/38

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 187.813+/-6.689 χ^2/NDF : 3.9/1

Right Out: 134.219+/-2.615 χ^2/NDF : 581.6/18

Left In: 112.184+/-17.092 χ^2/NDF : 0.0/0

Left: 177.769+/-6.229 χ^2/NDF : 20.9/2

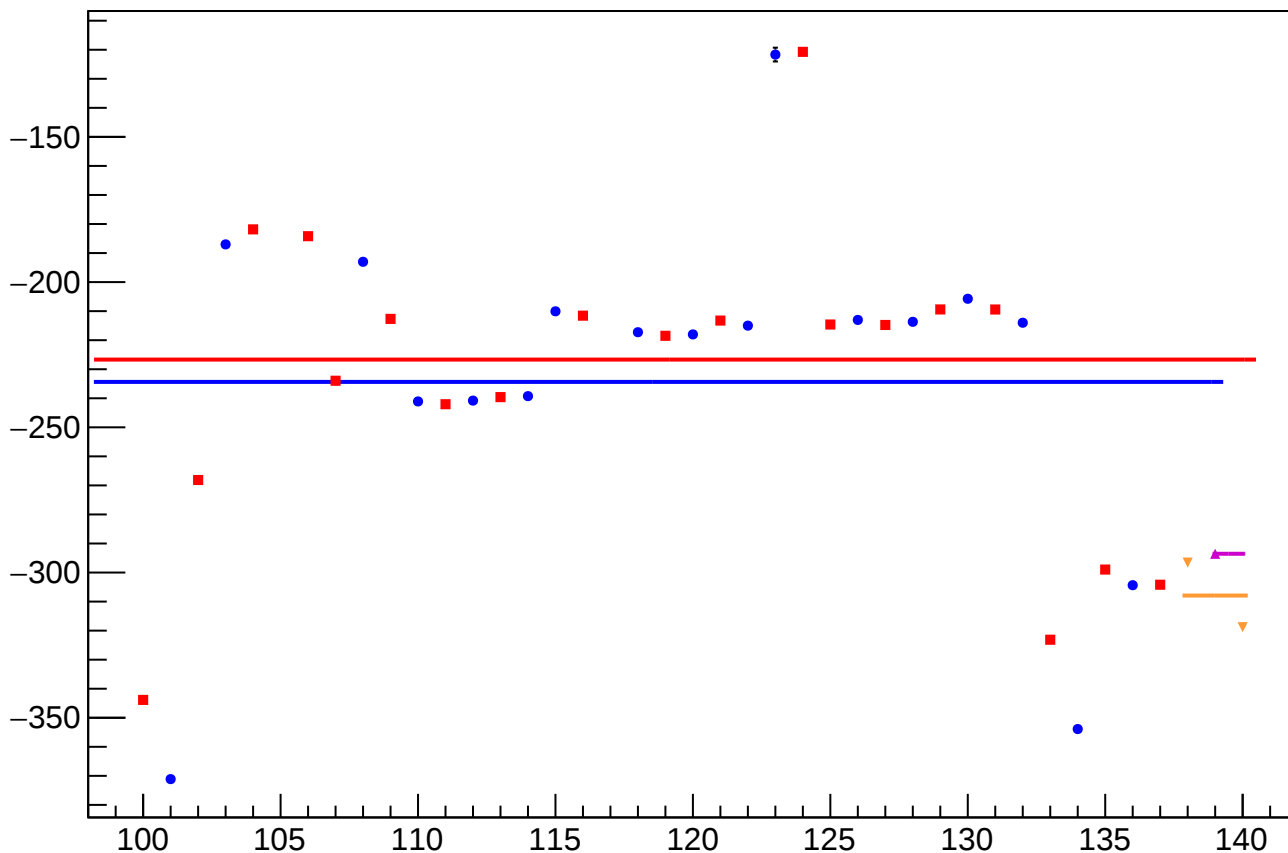
Right: 142.302+/-1.872 χ^2/NDF : 1234.3/35

In: 149.859+/-2.647 χ^2/NDF : 638.1/17

Out: 141.326+/-2.436 χ^2/NDF : 641.2/20

All: 145.239+/-1.792 χ^2/NDF : 1284.9/38

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: -307.912+/-0.287 χ^2/NDF :1494.8/1

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -293.537+/-0.376 χ^2/NDF :0.0/0

Left: -302.606+/-0.228 χ^2/NDF : 2417.9/2

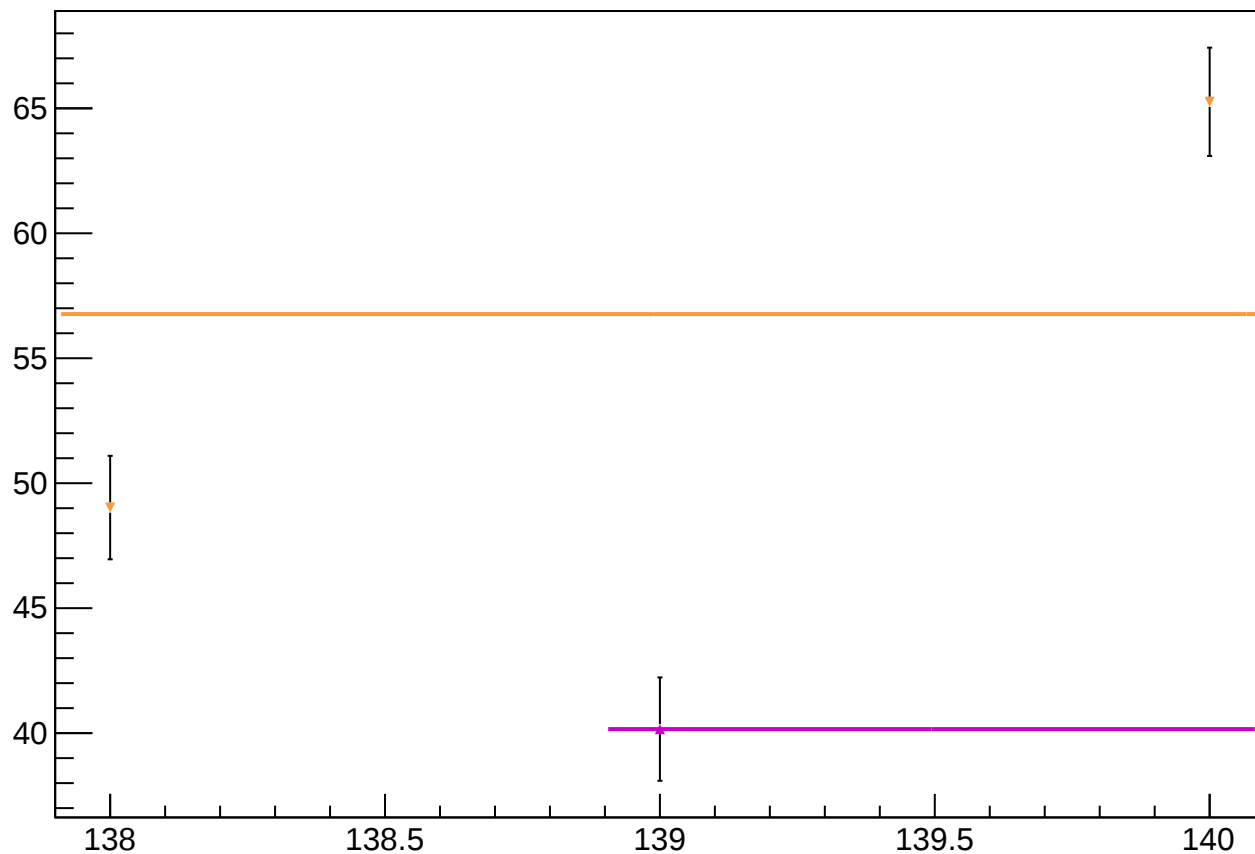
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -242.350+/-0.138 χ^2/NDF :166606.6/17

Out: -242.477+/-0.127 χ^2/NDF :165324.8/20

All: -242.419+/-0.093 χ^2/NDF : 331931.9/38

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: 56.768+/-1.497 χ^2/NDF :29.3/1

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

Left In: 40.161+/-2.069 χ^2/NDF :0.0/0

Left: 51.059+/-1.213 χ^2/NDF : 71.6/2

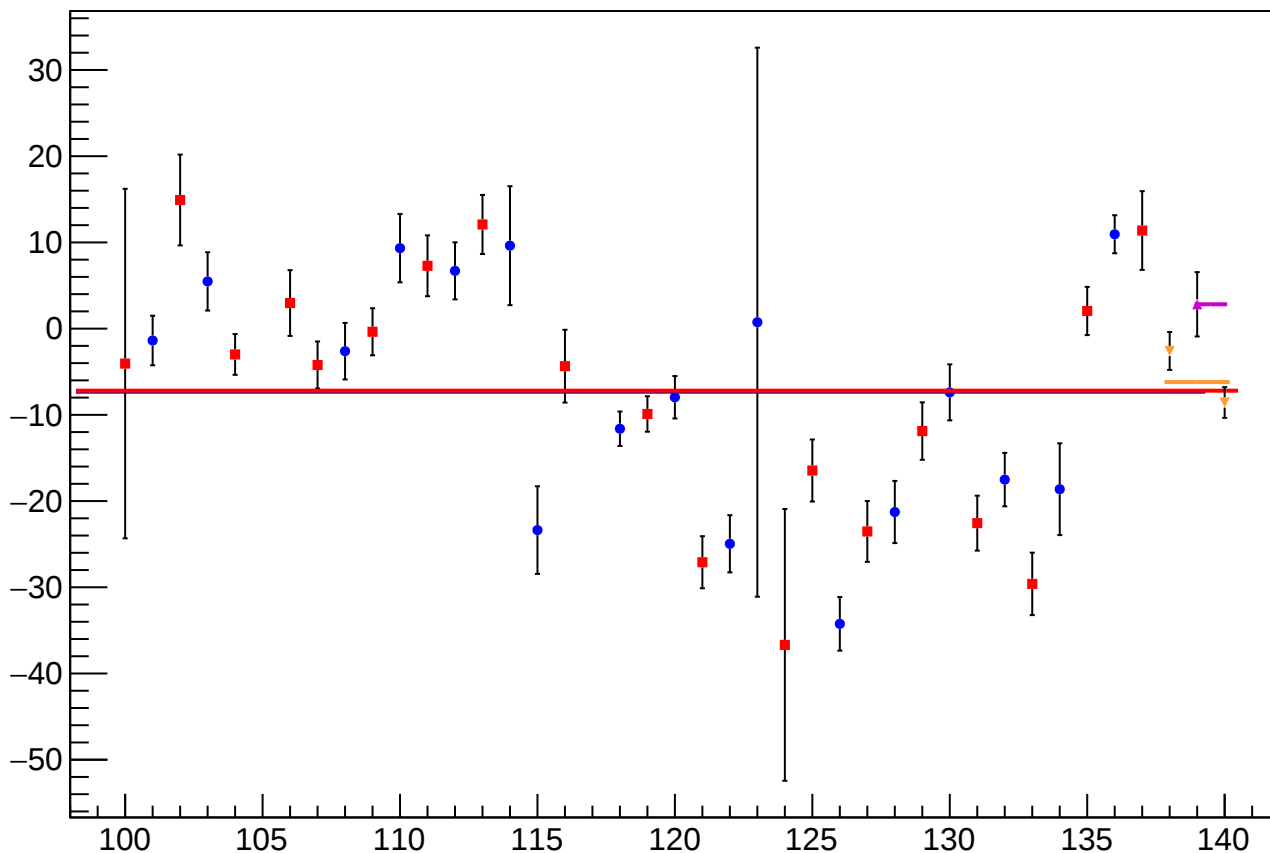
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.161+/-2.069 χ^2/NDF :0.0/0

Out: 56.768+/-1.497 χ^2/NDF :29.3/1

All: 51.059+/-1.213 χ^2/NDF : 71.6/2

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: -6.196 ± 1.385 χ^2/NDF : 4.5/1

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 2.825 ± 3.732 χ^2/NDF : 0.0/0

Left: -5.105 ± 1.298 χ^2/NDF : 9.6/2

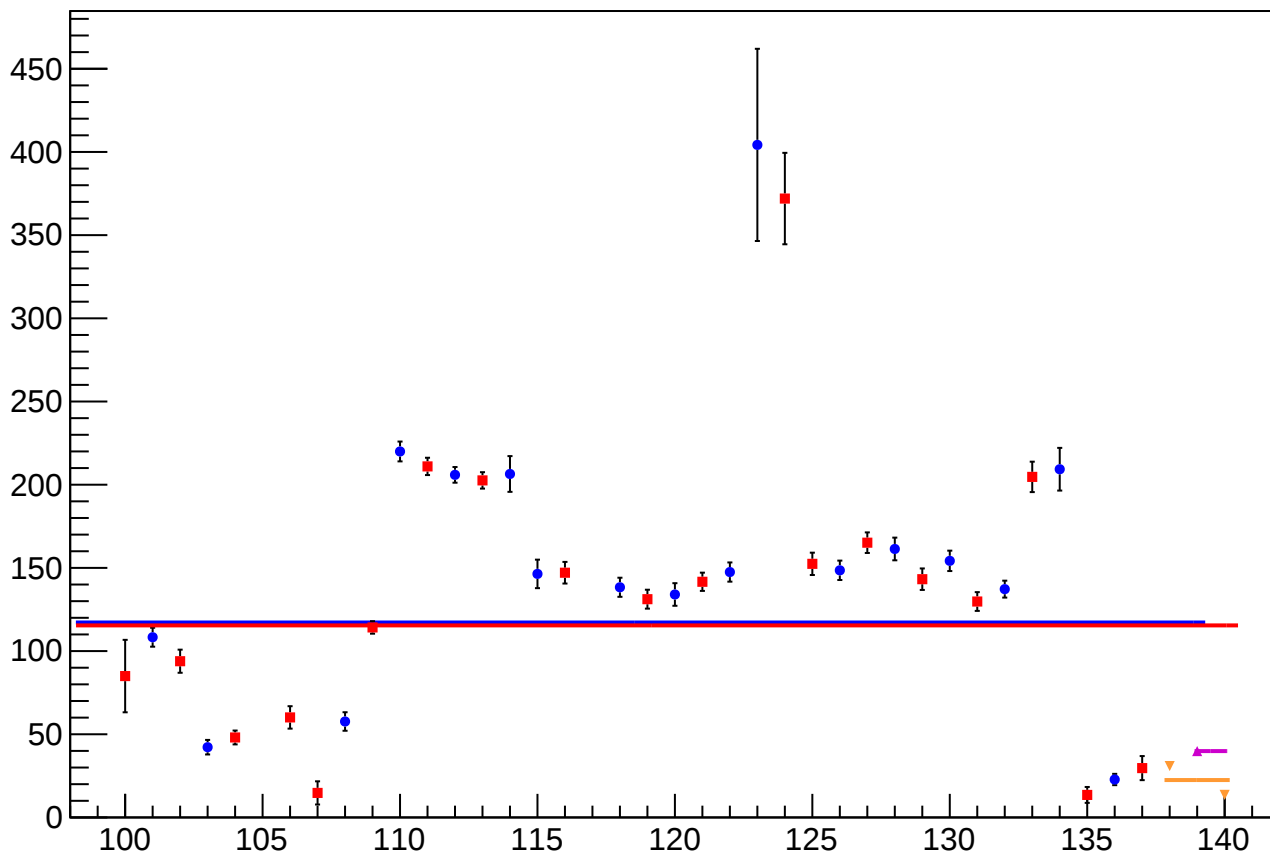
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.889 ± 0.764 χ^2/NDF : 286.1/17

Out: -6.965 ± 0.667 χ^2/NDF : 257.0/20

All: -6.932 ± 0.502 χ^2/NDF : 543.1/38

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: 22.482+/-1.610 χ^2/NDF : 28.9/1

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 39.889+/-2.240 χ^2/NDF : 0.0/0

Left: 28.411+/-1.307 χ^2/NDF : 68.7/2

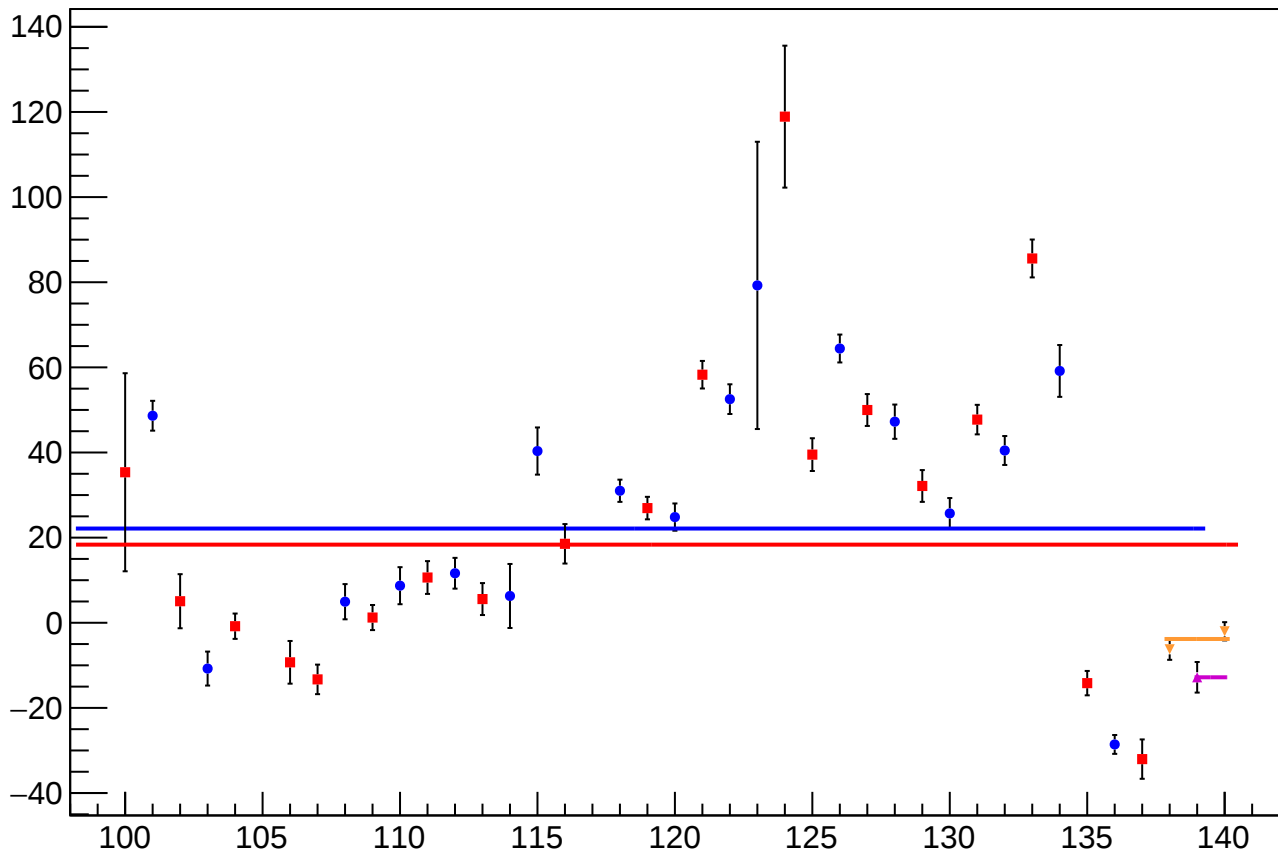
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 95.207+/-1.194 χ^2/NDF : 3012.1/17

Out: 76.702+/-1.039 χ^2/NDF : 4125.3/20

All: 84.676+/-0.784 χ^2/NDF : 7274.0/38

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -3.810 $\pm$ 1.622 χ^2 /NDF:1.7/1

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -12.810 $\pm$ 3.593 χ^2 /NDF:0.0/0

Left: -5.333 $\pm$ 1.478 χ^2 /NDF: 6.9/2

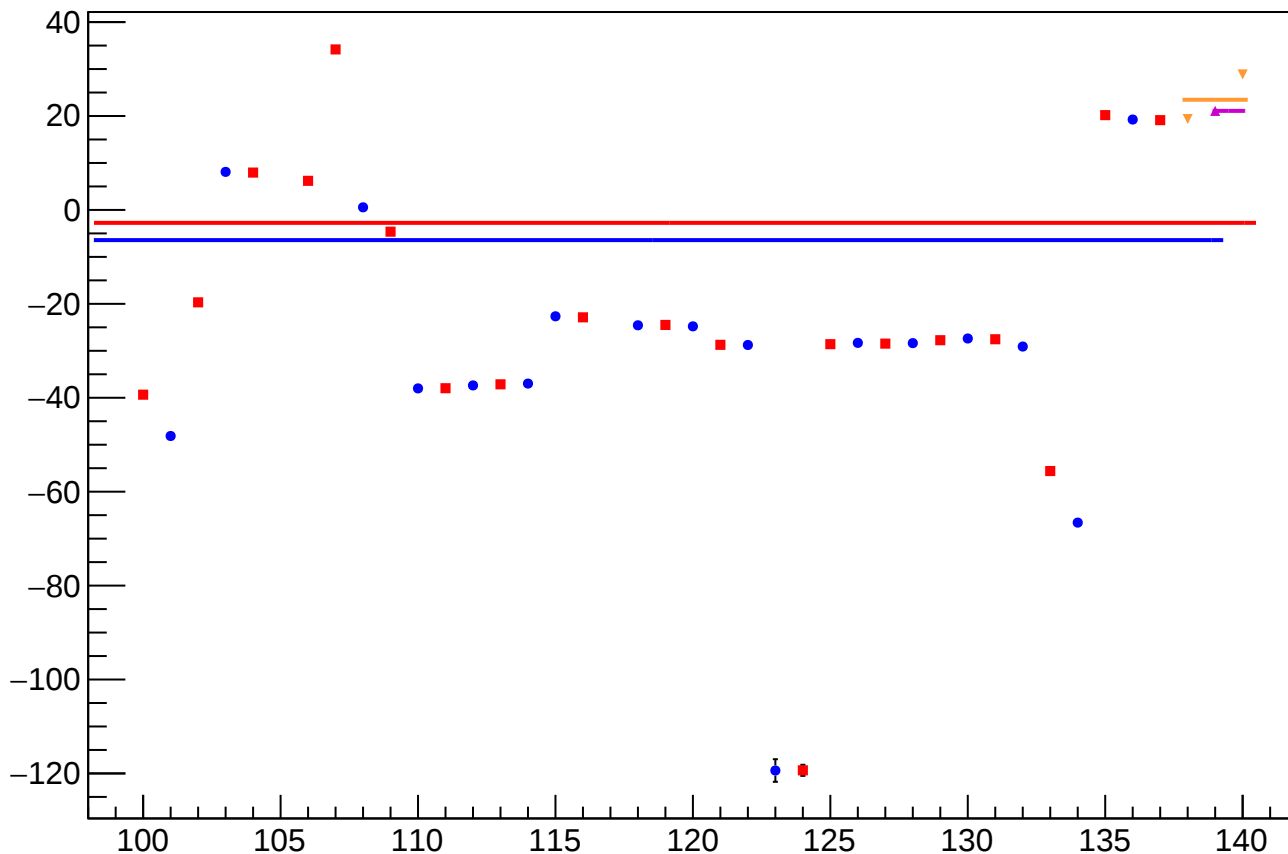
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 20.111 $\pm$ 0.865 χ^2 /NDF:1153.2/17

Out: 13.389 $\pm$ 0.768 χ^2 /NDF:1217.5/20

All: 16.350 $\pm$ 0.574 χ^2 /NDF: 2404.5/38

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 23.463 ± 0.066 χ^2/NDF : 5093.8/1

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 21.093 ± 0.079 χ^2/NDF : 0.0/0

Left: 22.488 ± 0.051 χ^2/NDF : 5625.2/2

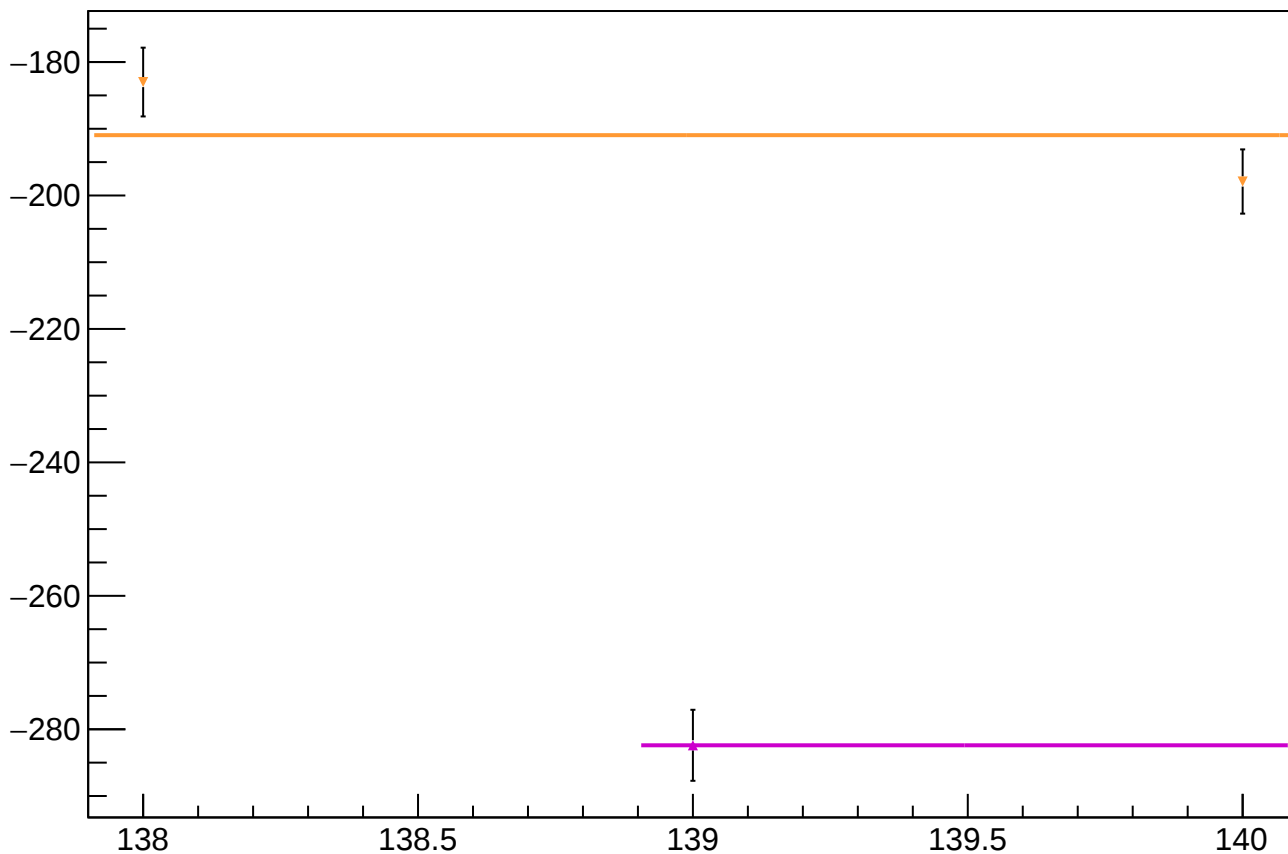
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 0.608 ± 0.040 χ^2/NDF : 355844.5/17

Out: 5.754 ± 0.038 χ^2/NDF : 378245.1/20

All: 3.336 ± 0.027 χ^2/NDF : 742917.0/38

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: -190.958+/-3.518 χ^2/NDF : 4.5/1

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

Left In: -282.401+/-5.321 χ^2/NDF : 0.0/0

Left: -218.769+/-2.935 χ^2/NDF : 210.0/2

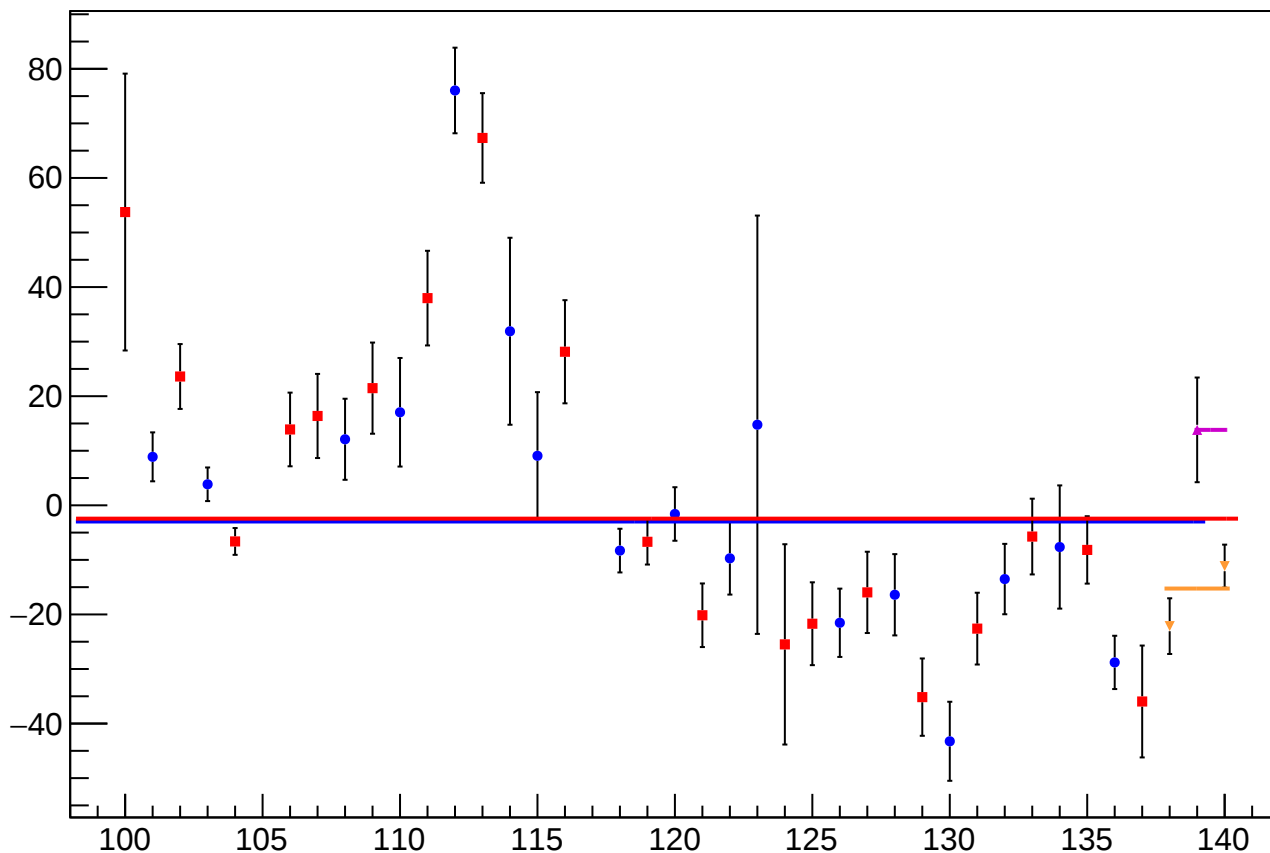
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.401+/-5.321 χ^2/NDF : 0.0/0

Out: -190.958+/-3.518 χ^2/NDF : 4.5/1

All: -218.769+/-2.935 χ^2/NDF : 210.0/2

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: -15.254 ± 3.119 $\chi^2/\text{NDF}: 2.9/1$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 13.828 ± 9.594 $\chi^2/\text{NDF}: 0.0/0$

Left: -12.475 ± 2.966 $\chi^2/\text{NDF}: 11.2/2$

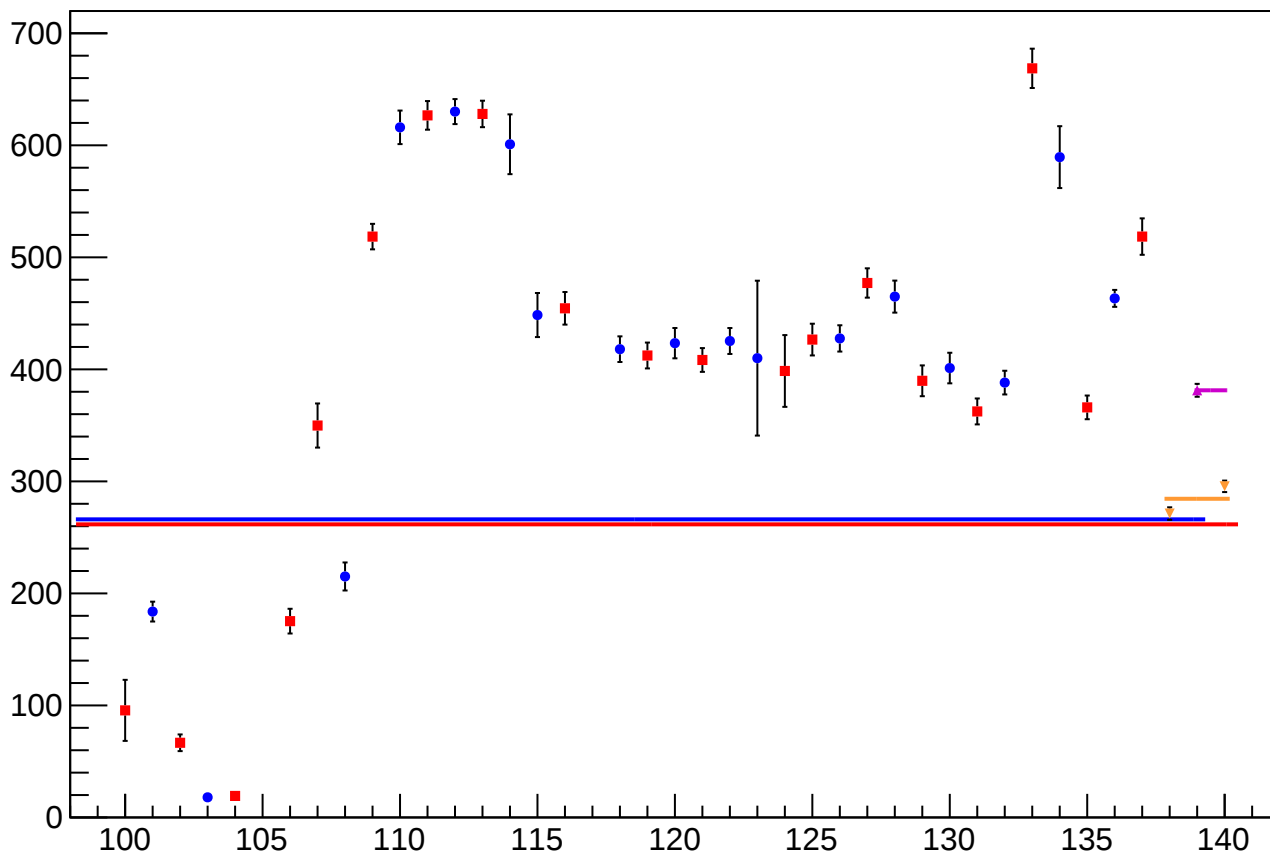
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: -2.588 ± 1.436 $\chi^2/\text{NDF}: 206.5/17$

Out: -4.585 ± 1.275 $\chi^2/\text{NDF}: 232.4/20$

All: -3.705 ± 0.953 $\chi^2/\text{NDF}: 440.0/38$

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: 284.473 $\pm$ 3.777 χ^2 /NDF:10.3/1

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 381.306 $\pm$ 5.761 χ^2 /NDF:0.0/0

Left: 313.582 $\pm$ 3.159 χ^2 /NDF: 207.9/2

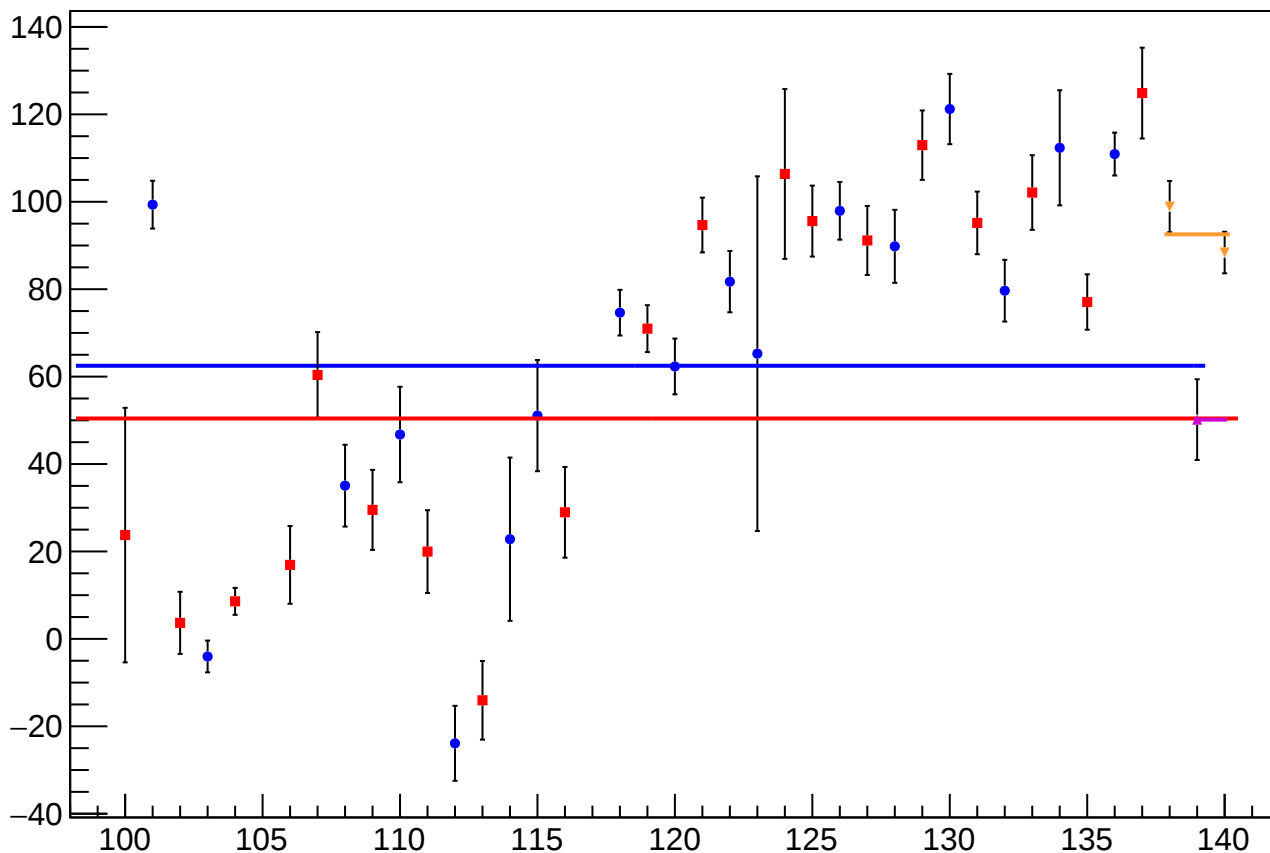
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 284.123 $\pm$ 2.278 χ^2 /NDF:7981.3/17

Out: 268.429 $\pm$ 2.059 χ^2 /NDF:8245.4/20

All: 275.487 $\pm$ 1.528 χ^2 /NDF: 16252.9/38

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 92.554 $\pm$ 3.695 χ^2 /NDF:1.9/1

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 50.165 $\pm$ 9.235 χ^2 /NDF:0.0/0

Left: 86.705 $\pm$ 3.431 χ^2 /NDF: 20.1/2

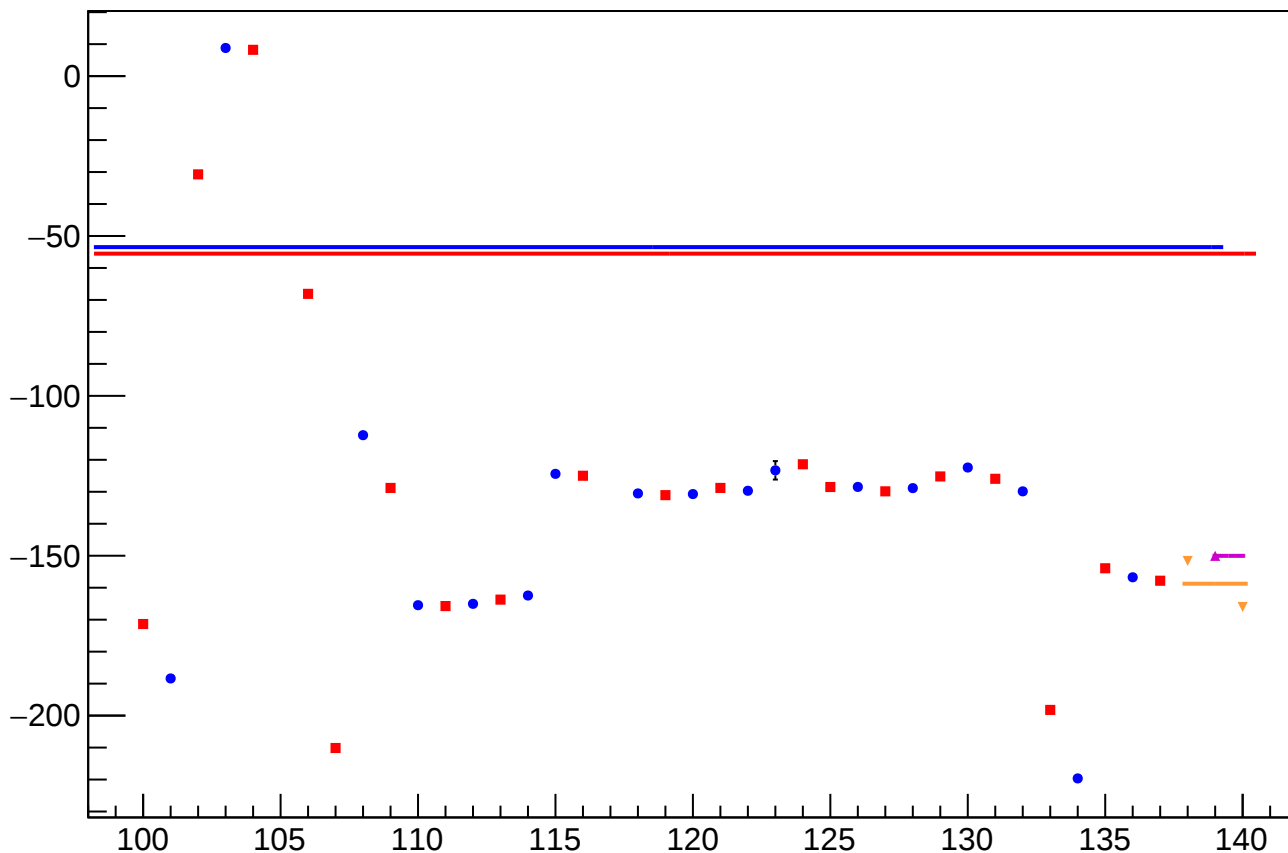
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 62.090 $\pm$ 1.654 χ^2 /NDF:722.5/17

Out: 57.367 $\pm$ 1.500 χ^2 /NDF:762.0/20

All: 59.499 $\pm$ 1.111 χ^2 /NDF: 1488.9/38

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -158.754+/-0.158 χ^2/NDF : 2086.4/1

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -150.034+/-0.203 χ^2/NDF : 0.0/0

Left: -155.477+/-0.125 χ^2/NDF : 3236.9/2

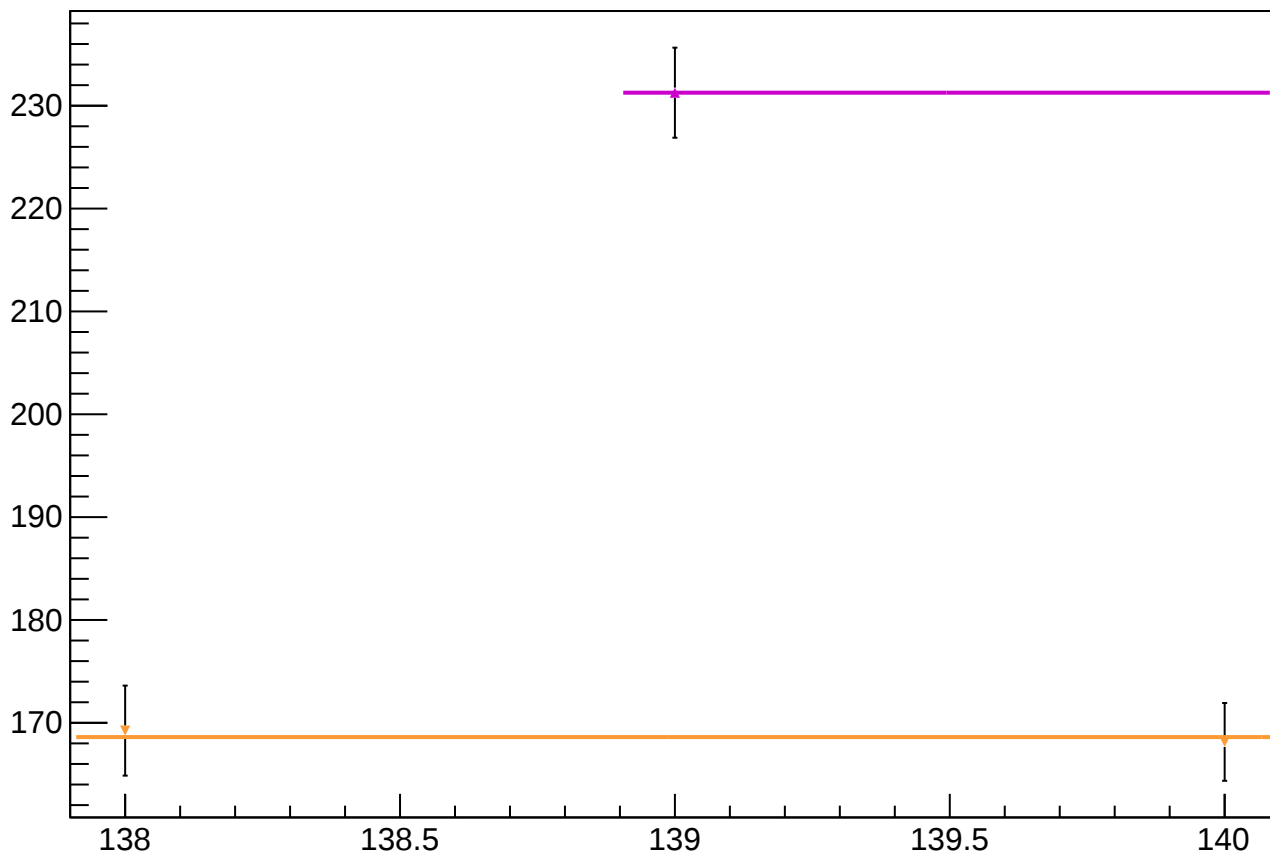
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -63.812+/-0.066 χ^2/NDF : 1430521.6/17

Out: -73.304+/-0.065 χ^2/NDF : 1327036.2/20

All: -68.632+/-0.047 χ^2/NDF : 2767921.0/38

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: 168.614+/-2.862 χ^2/NDF : 0.0/1

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

Left In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Left: 187.368+/-2.395 χ^2/NDF : 143.5/2

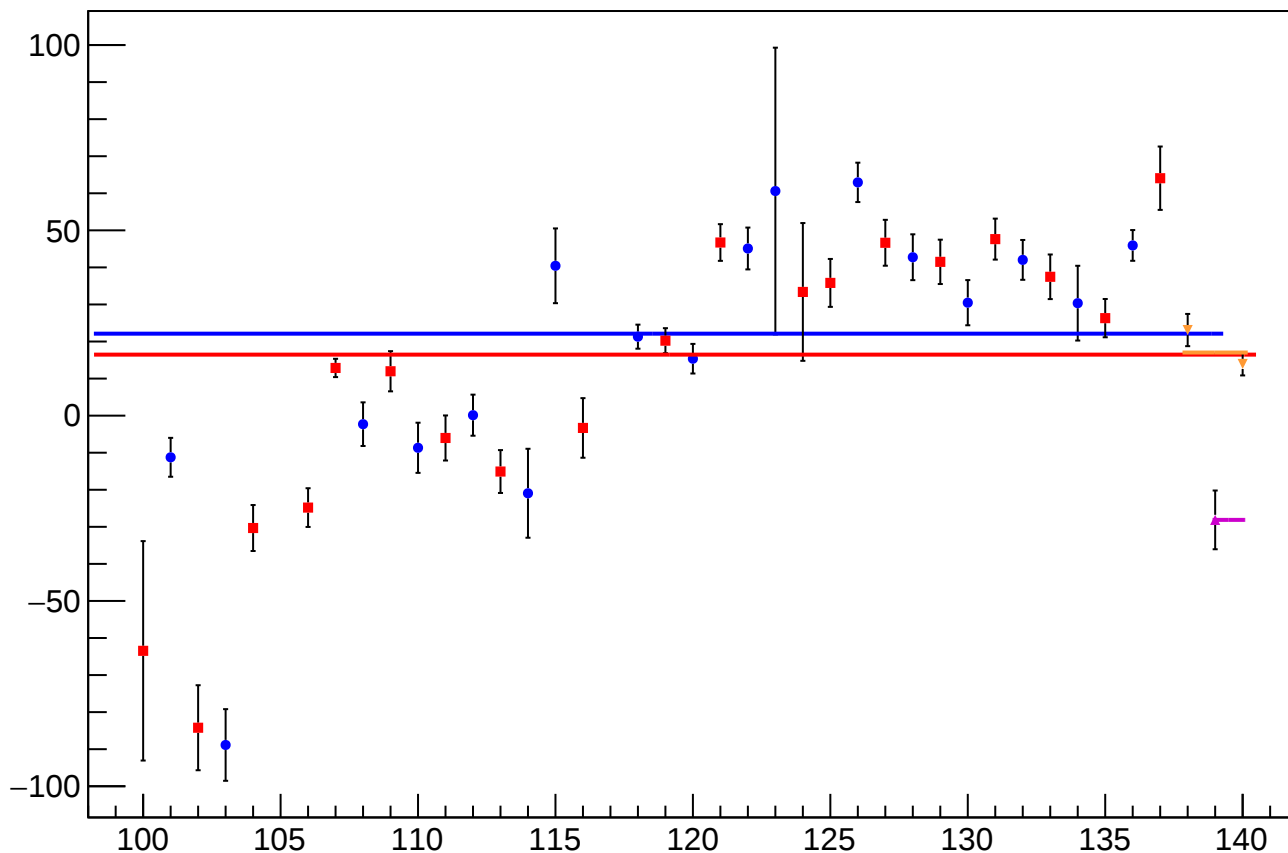
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Out: 168.614+/-2.862 χ^2/NDF : 0.0/1

All: 187.368+/-2.395 χ^2/NDF : 143.5/2

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2/NDF : 382.0/16

Left Out: 17.029 $\pm$ 2.524 χ^2/NDF : 2.9/1

Right Out: 16.464 $\pm$ 1.228 χ^2/NDF : 424.1/18

Left In: -28.128 $\pm$ 7.924 χ^2/NDF : 0.0/0

Left: 12.872 $\pm$ 2.405 χ^2/NDF : 32.4/2

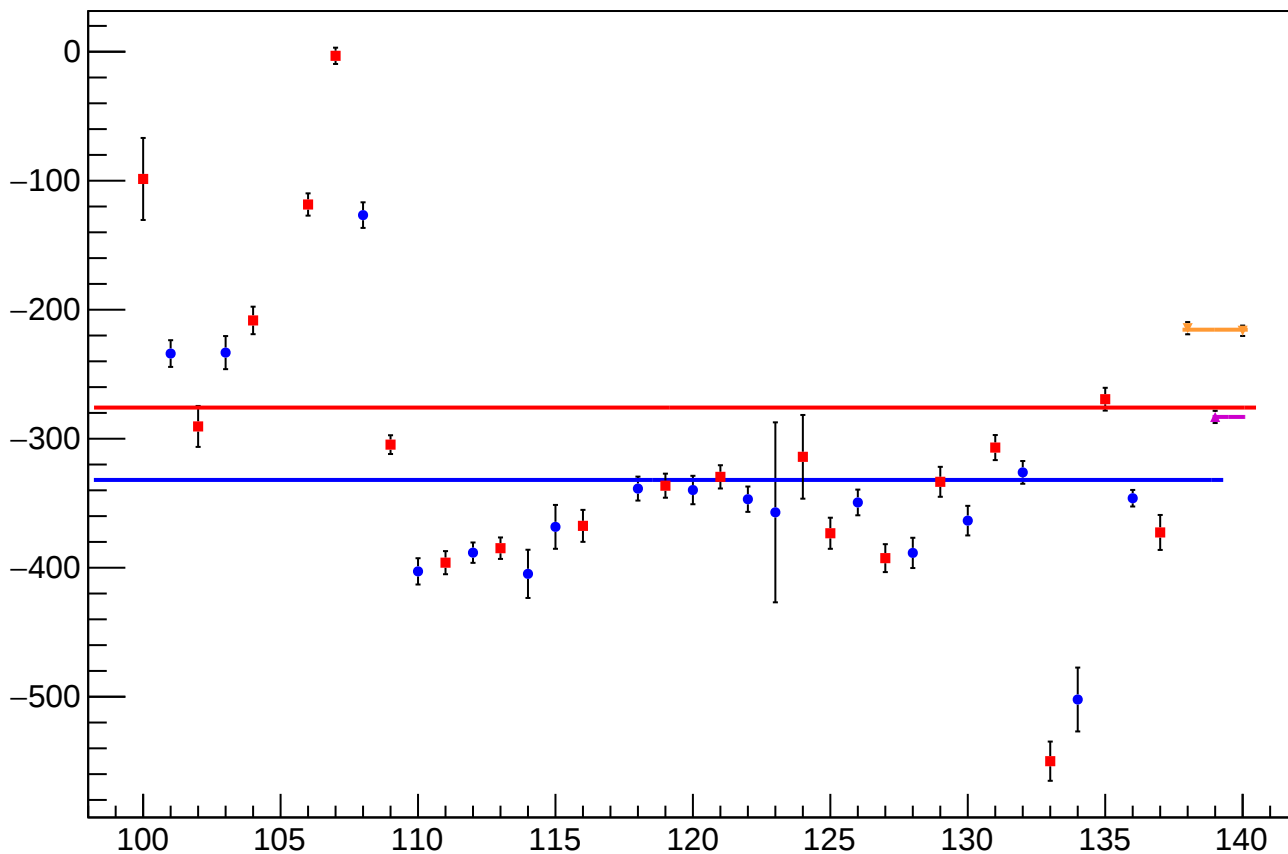
Right: 18.970 $\pm$ 0.916 χ^2/NDF : 815.5/35

In: 20.648 $\pm$ 1.356 χ^2/NDF : 421.0/17

Out: 16.572 $\pm$ 1.104 χ^2/NDF : 427.1/20

All: 18.197 $\pm$ 0.856 χ^2/NDF : 853.5/38

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: -215.479 ± 3.070 χ^2/NDF : 0.1/1

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -283.108 ± 4.737 χ^2/NDF : 0.0/0

Left: -235.489 ± 2.576 χ^2/NDF : 143.6/2

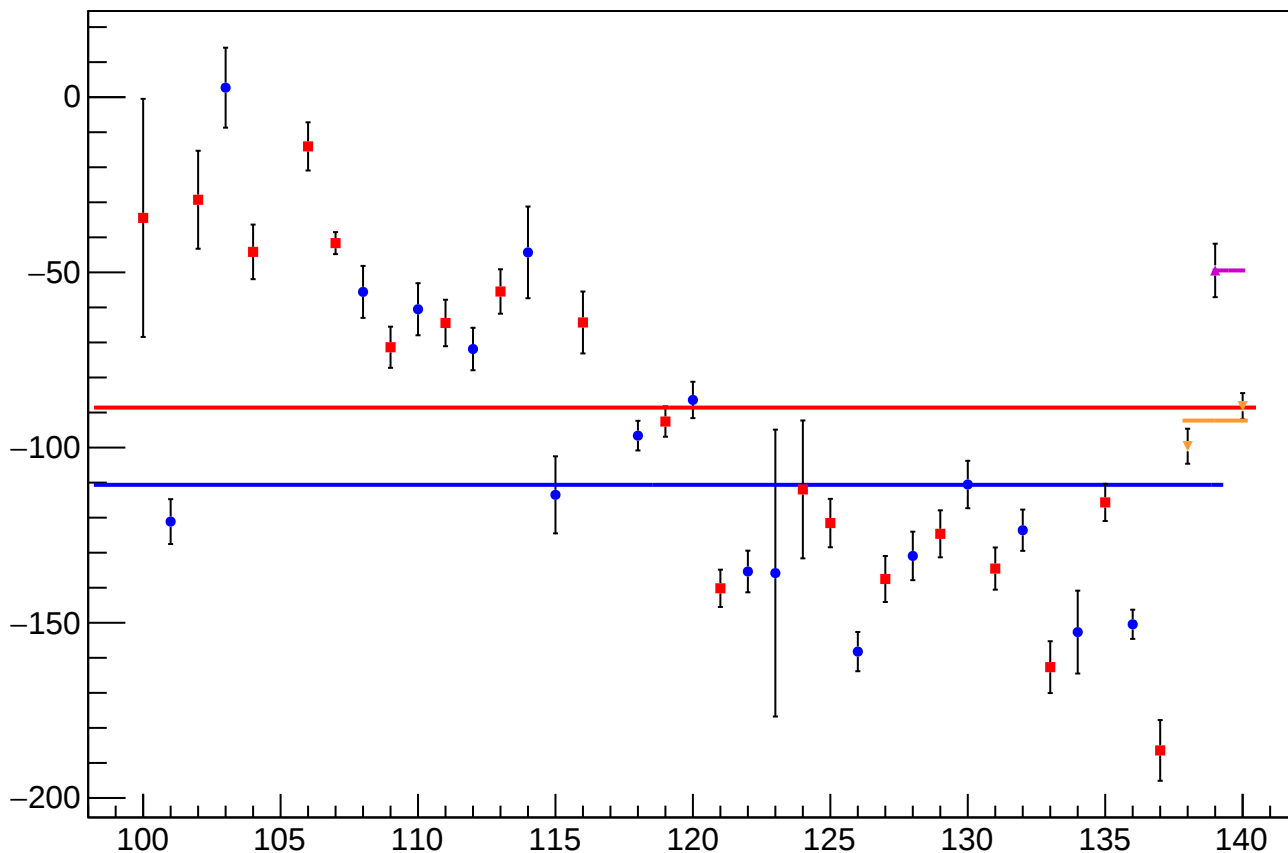
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -320.861 ± 2.257 χ^2/NDF : 867.8/17

Out: -253.871 ± 1.853 χ^2/NDF : 3607.6/20

All: -280.837 ± 1.432 χ^2/NDF : 5001.7/38

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -92.291+/-2.993 χ^2/NDF : 3.3/1

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -49.448+/-7.631 χ^2/NDF : 0.0/0

Left: -86.581+/-2.786 χ^2/NDF : 30.7/2

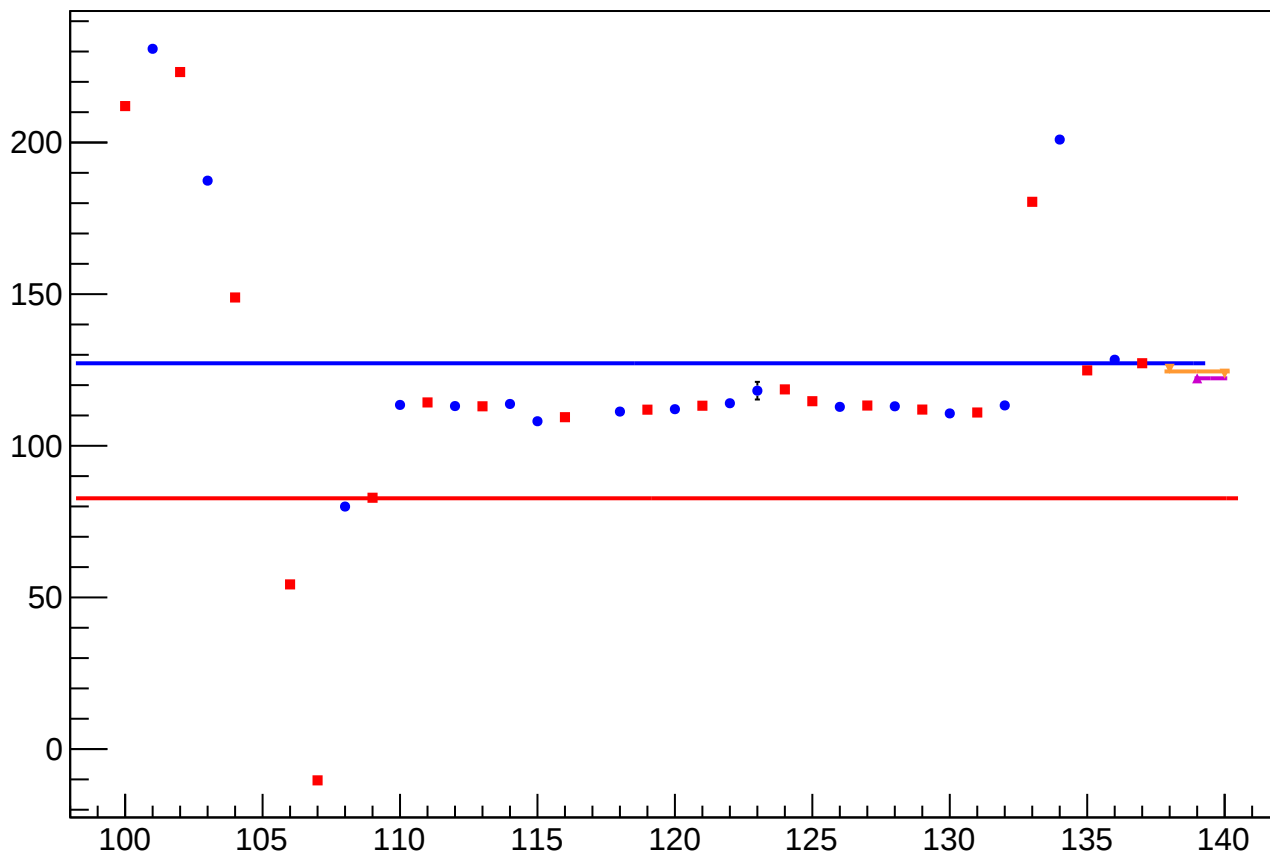
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -108.114+/-1.548 χ^2/NDF : 570.5/17

Out: -89.278+/-1.293 χ^2/NDF : 971.1/20

All: -97.015+/-0.992 χ^2/NDF : 1628.8/38

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: 124.521 $\pm$ 0.128 χ^2 /NDF:38.9/1

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 122.254 $\pm$ 0.168 χ^2 /NDF:0.0/0

Left: 123.684 $\pm$ 0.102 χ^2 /NDF: 154.1/2

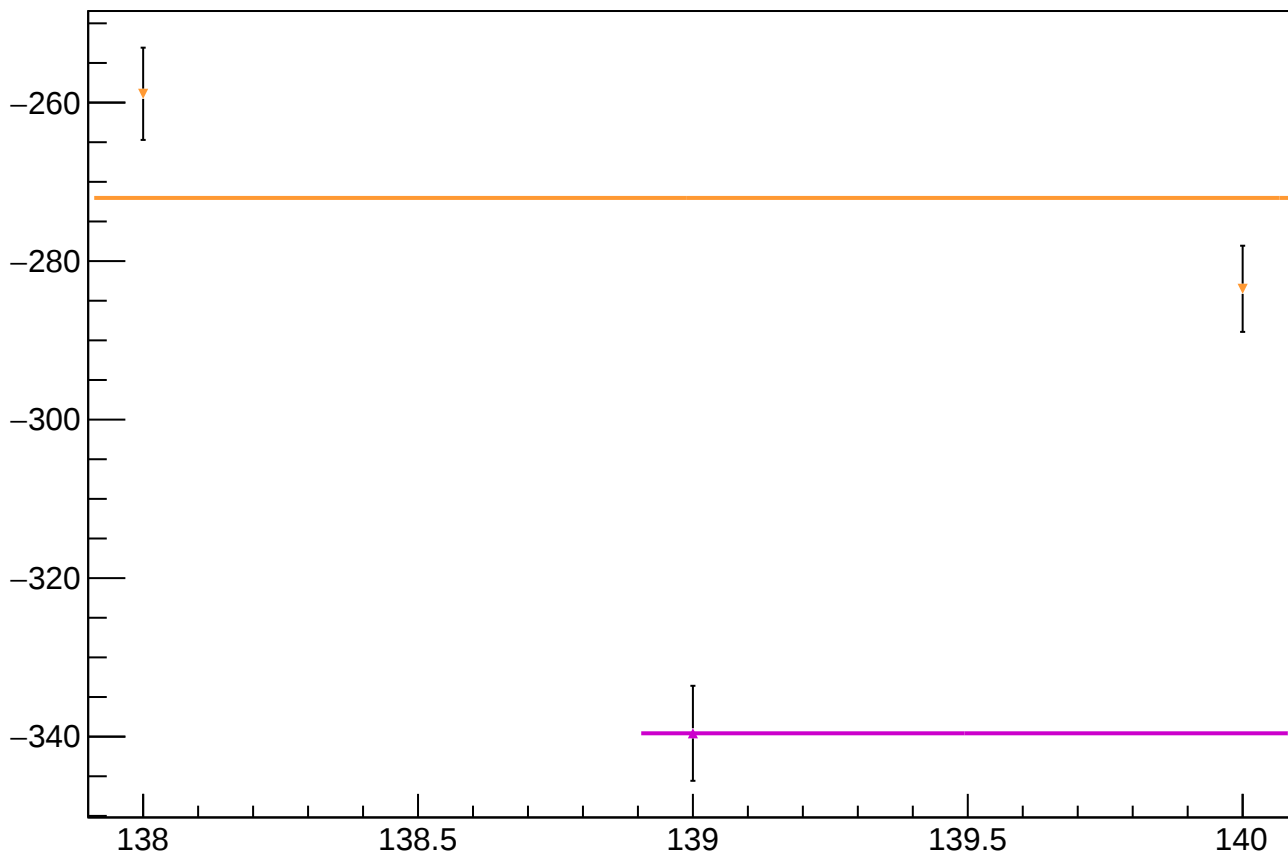
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 126.115 $\pm$ 0.079 χ^2 /NDF:188705.4/17

Out: 93.386 $\pm$ 0.065 χ^2 /NDF:844695.6/20

All: 106.643 $\pm$ 0.050 χ^2 /NDF: 1136254.9/38

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -272.030 ± 3.973 $\chi^2/\text{NDF}: 9.5/1$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -339.578 ± 5.993 $\chi^2/\text{NDF}: 0.0/0$

Left: -292.651 ± 3.311 $\chi^2/\text{NDF}: 97.8/2$

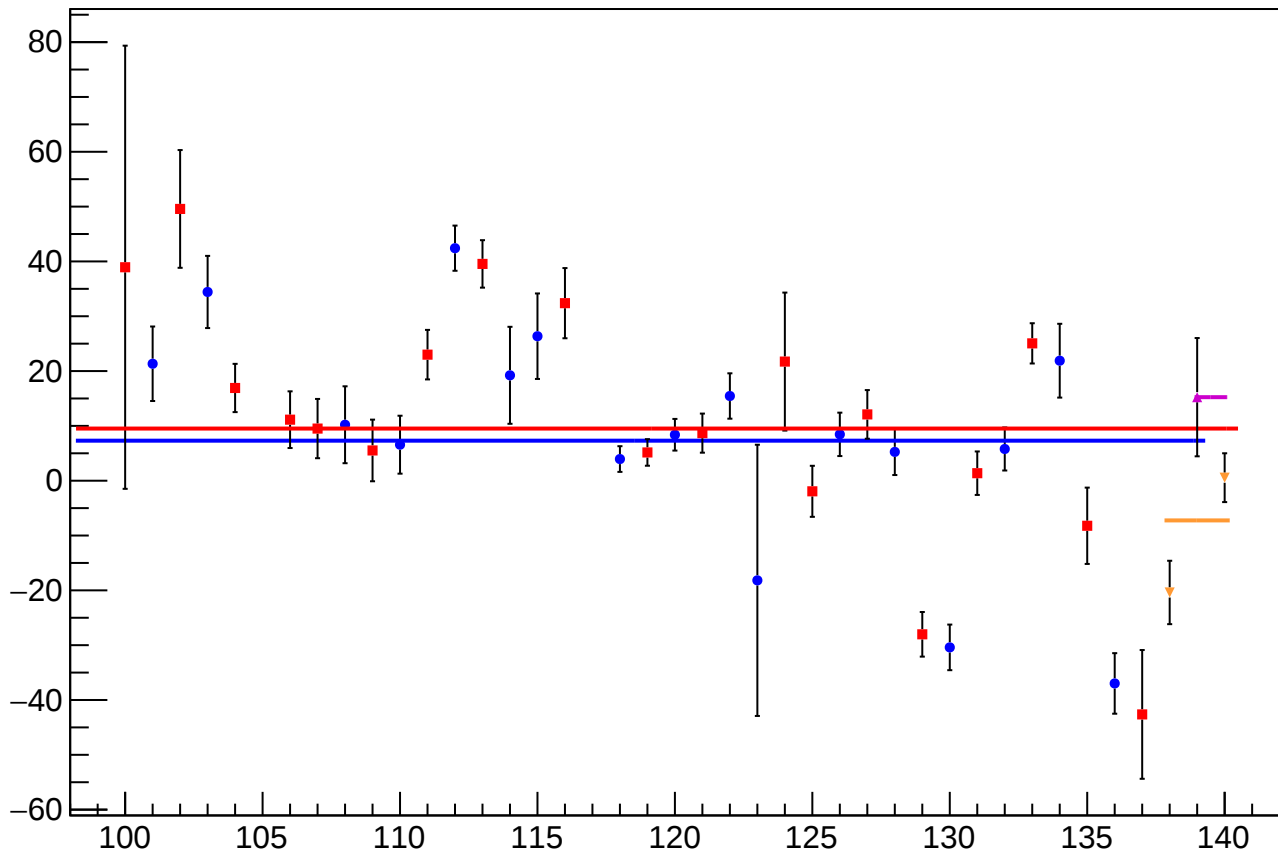
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -339.578 ± 5.993 $\chi^2/\text{NDF}: 0.0/0$

Out: -272.030 ± 3.973 $\chi^2/\text{NDF}: 9.5/1$

All: -292.651 ± 3.311 $\chi^2/\text{NDF}: 97.8/2$

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: -7.242 ± 3.528 χ^2/NDF : 8.2/1

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 15.238 ± 10.788 χ^2/NDF : 0.0/0

Left: -5.071 ± 3.353 χ^2/NDF : 12.2/2

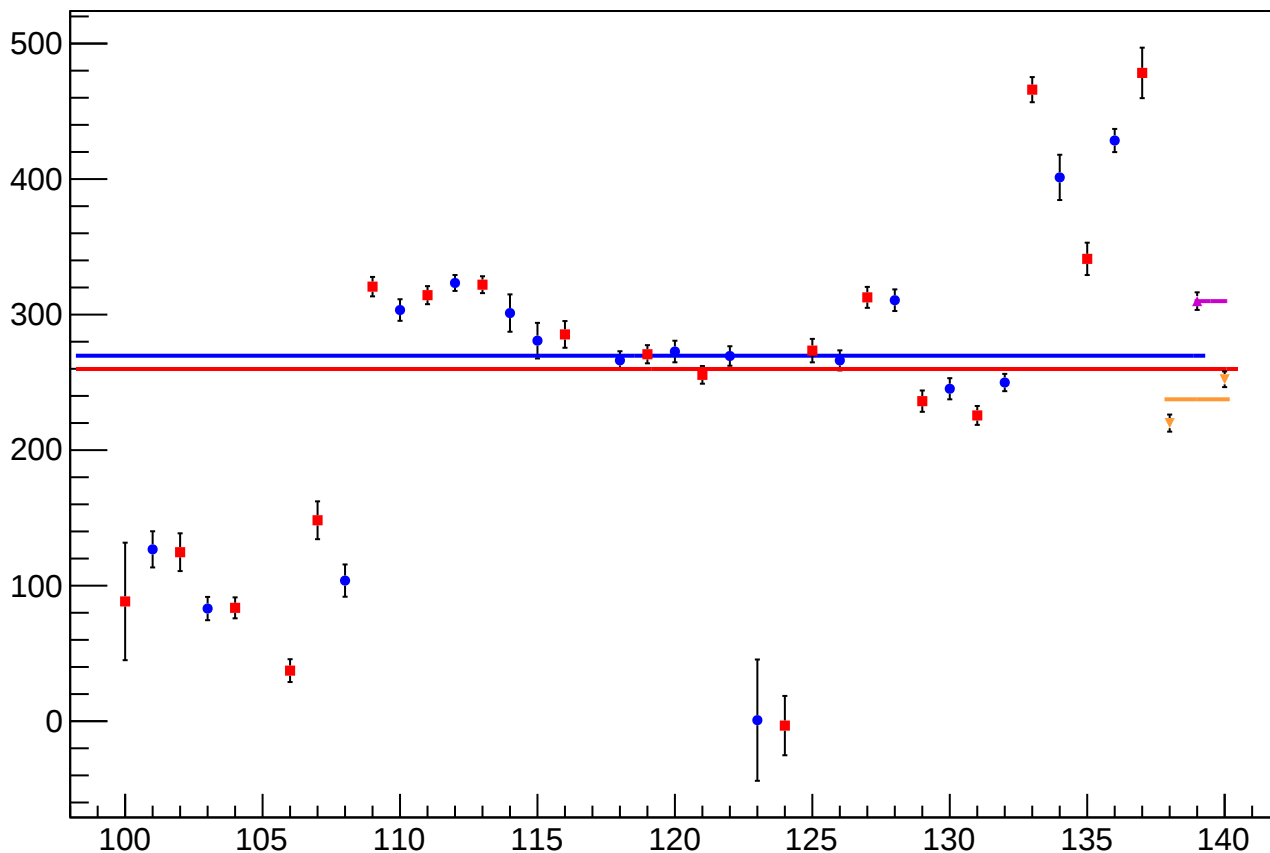
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 7.382 ± 1.080 χ^2/NDF : 261.2/17

Out: 8.095 ± 1.026 χ^2/NDF : 260.5/20

All: 7.757 ± 0.744 χ^2/NDF : 521.9/38

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: 237.498 $\pm$ 4.265 χ^2 /NDF:14.3/1

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 309.944 $\pm$ 6.490 χ^2 /NDF:0.0/0

Left: 259.347 $\pm$ 3.564 χ^2 /NDF: 101.3/2

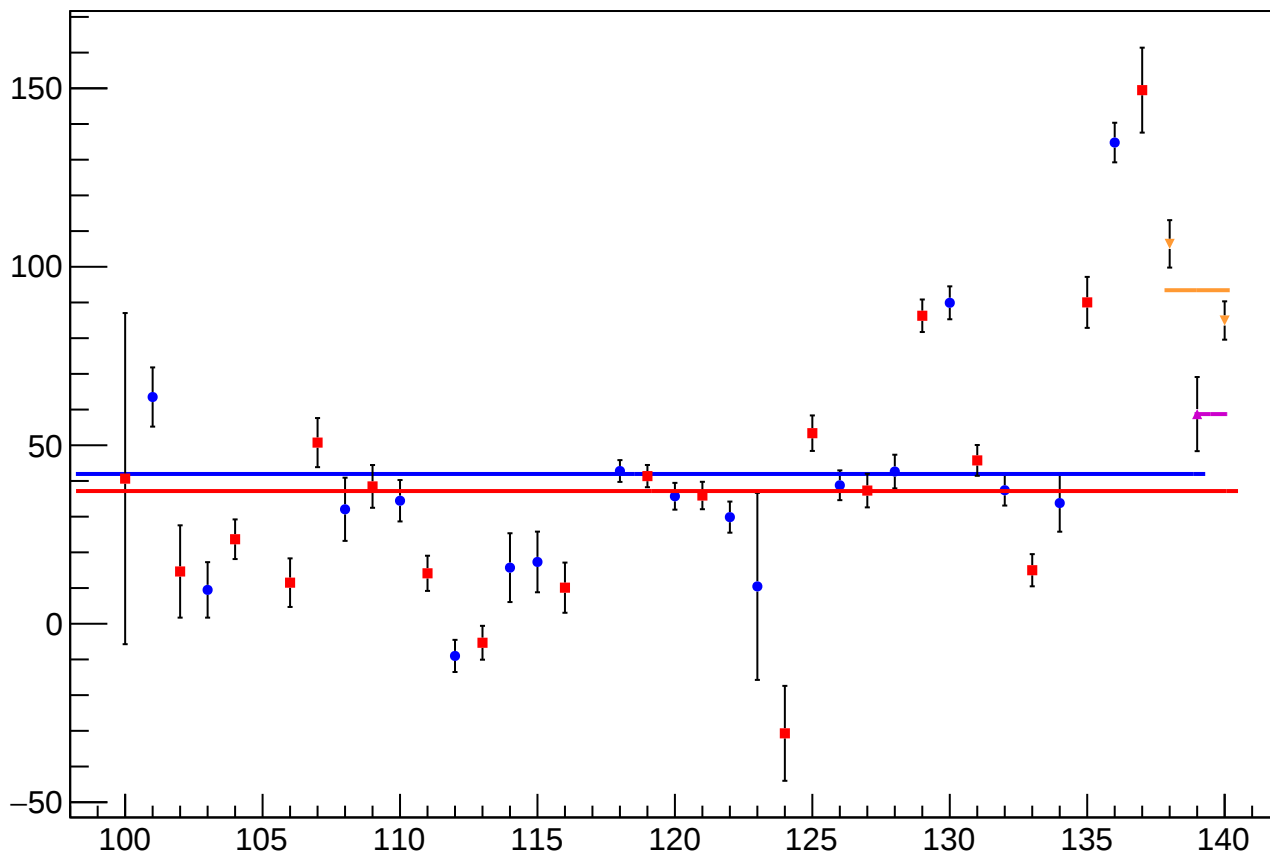
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 273.403 $\pm$ 1.977 χ^2 /NDF:1411.5/17

Out: 255.913 $\pm$ 1.793 χ^2 /NDF:2580.6/20

All: 263.807 $\pm$ 1.328 χ^2 /NDF: 4035.0/38

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: 93.437 $\pm$ 4.178 χ^2 /NDF:6.3/1

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 58.735 $\pm$ 10.384 χ^2 /NDF:0.0/0

Left: 88.602 $\pm$ 3.876 χ^2 /NDF: 15.9/2

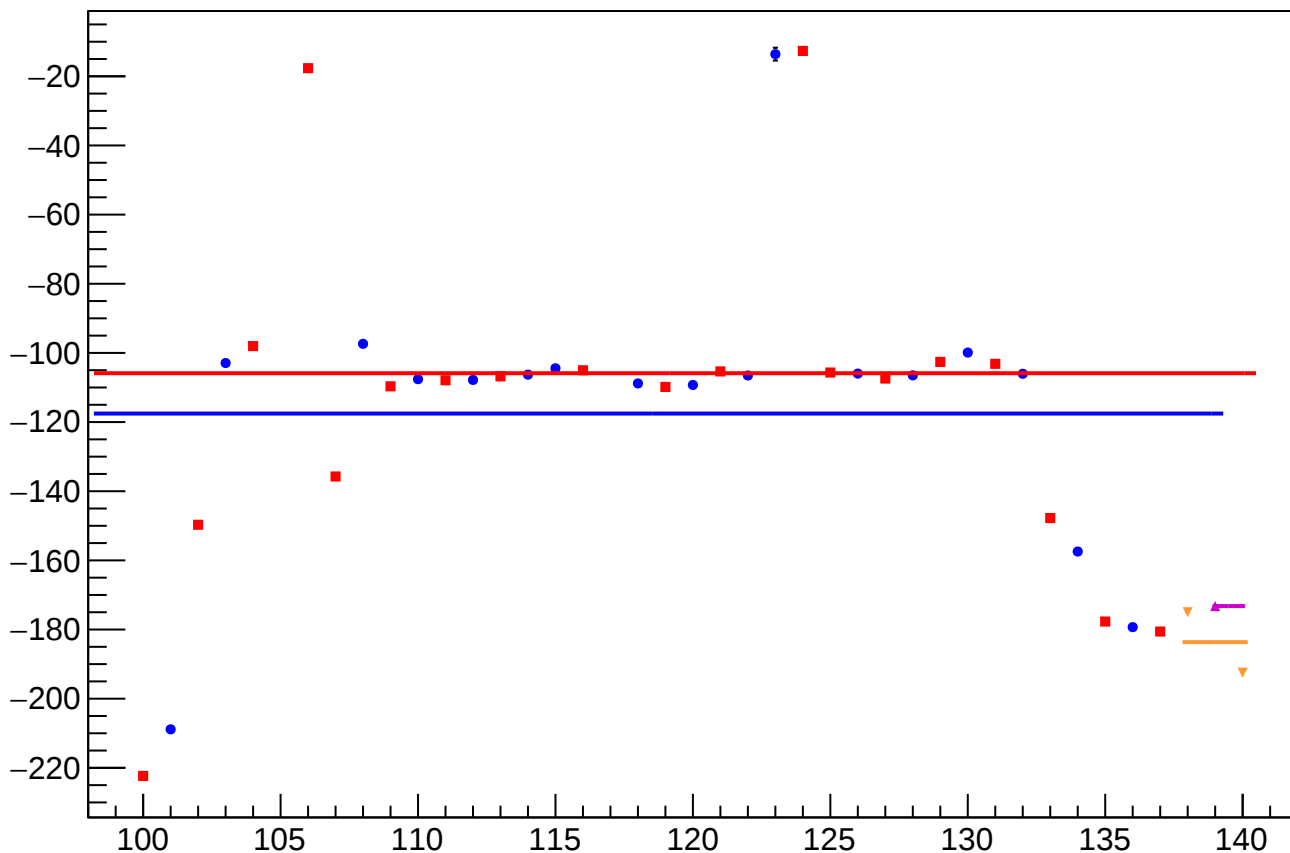
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 42.202 $\pm$ 1.249 χ^2 /NDF:576.8/17

Out: 41.700 $\pm$ 1.185 χ^2 /NDF:644.0/20

All: 41.938 $\pm$ 0.860 χ^2 /NDF: 1220.9/38

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: -183.636+/-0.178 χ^2/NDF :2410.2/1

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -173.214+/-0.228 χ^2/NDF :0.0/0

Left: -179.695+/-0.140 χ^2/NDF : 3706.3/2

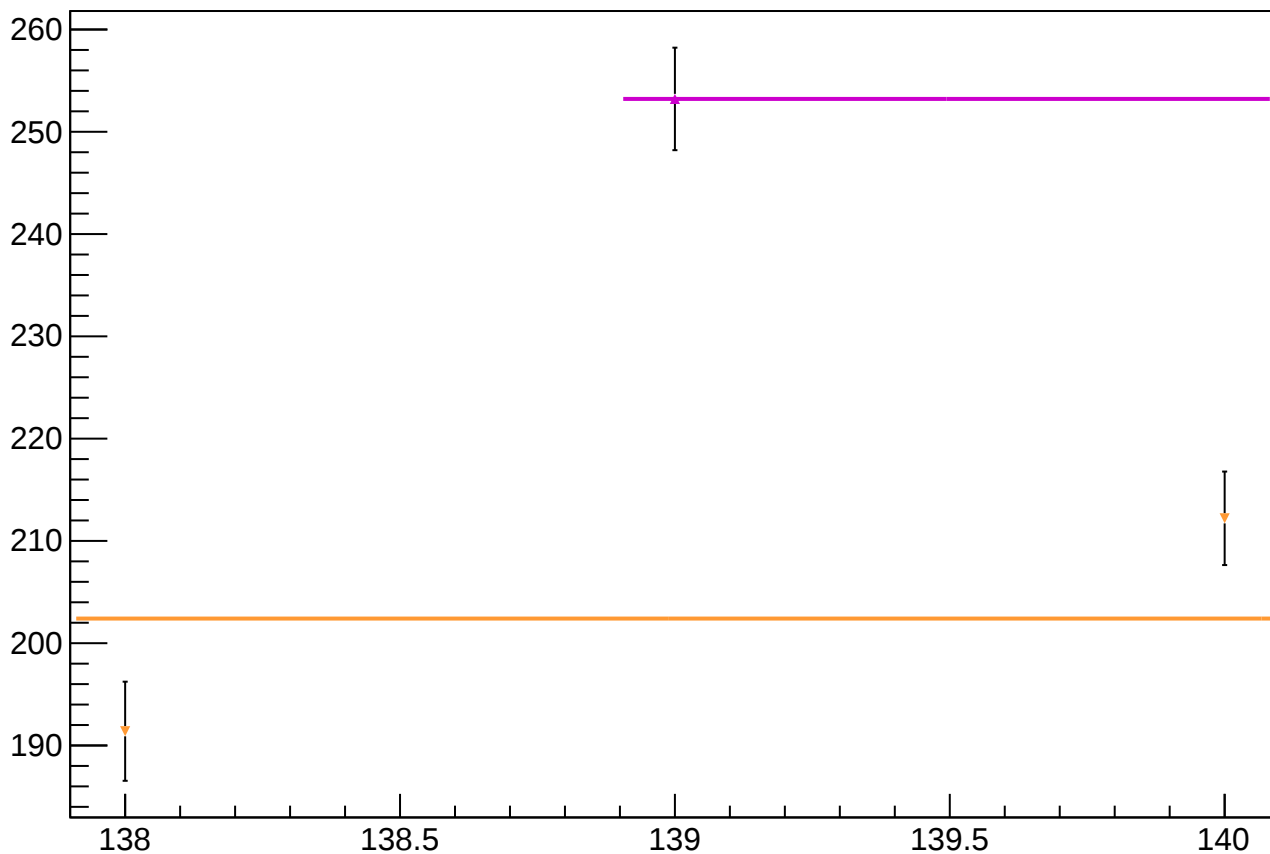
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -123.371+/-0.074 χ^2/NDF :195296.0/17

Out: -117.003+/-0.067 χ^2/NDF :490235.8/20

All: -119.892+/-0.050 χ^2/NDF : 689586.5/38

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: 202.408+/-3.325 χ^2/NDF :9.8/1

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

Left In: 253.213+/-5.011 χ^2/NDF :0.0/0

Left: 217.938+/-2.770 χ^2/NDF : 81.1/2

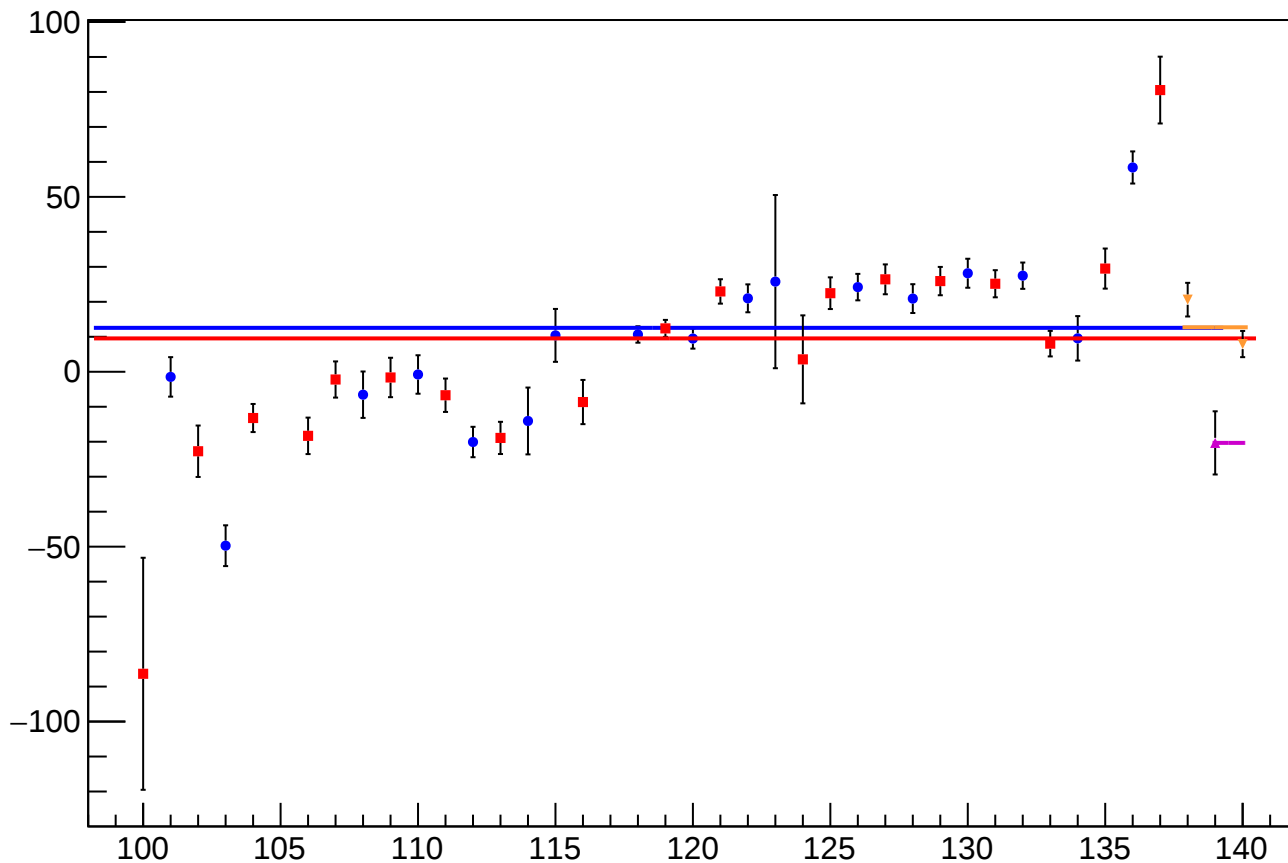
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.213+/-5.011 χ^2/NDF :0.0/0

Out: 202.408+/-3.325 χ^2/NDF :9.8/1

All: 217.938+/-2.770 χ^2/NDF : 81.1/2

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: 12.718+/-2.956 χ^2 /NDF: 4.3/1

Right Out: 9.535+/-1.049 χ^2 /NDF: 295.8/18

Left In: -20.332+/-9.033 χ^2 /NDF: 0.0/0

Left: 9.521+/-2.809 χ^2 /NDF: 16.4/2

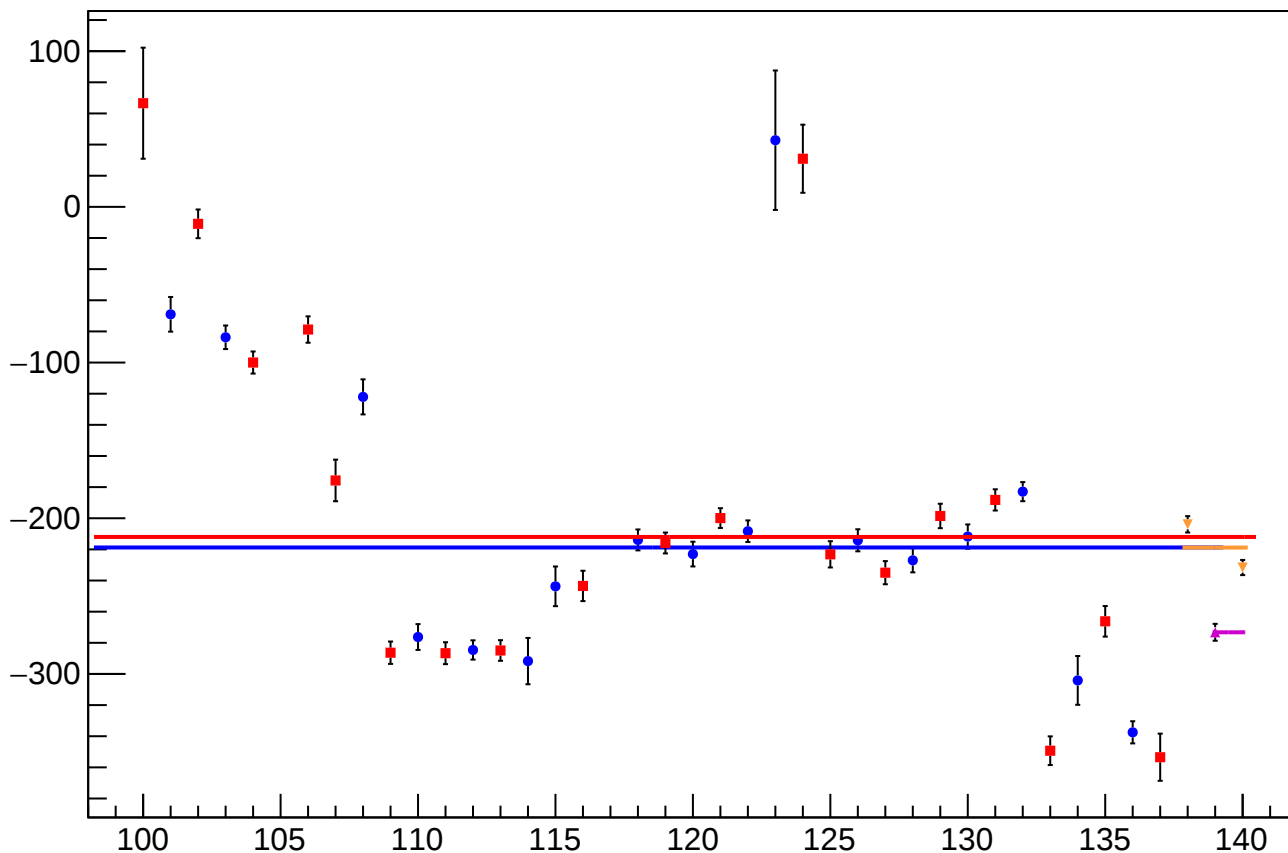
Right: 11.035+/-0.745 χ^2 /NDF: 648.5/35

In: 12.114+/-1.050 χ^2 /NDF: 361.6/17

Out: 9.891+/-0.988 χ^2 /NDF: 301.2/20

All: 10.935+/-0.720 χ^2 /NDF: 665.2/38

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: -218.834 ± 3.570 χ^2/NDF : 15.0/1

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -273.248 ± 5.425 χ^2/NDF : 0.0/0

Left: -235.274 ± 2.982 χ^2/NDF : 85.2/2

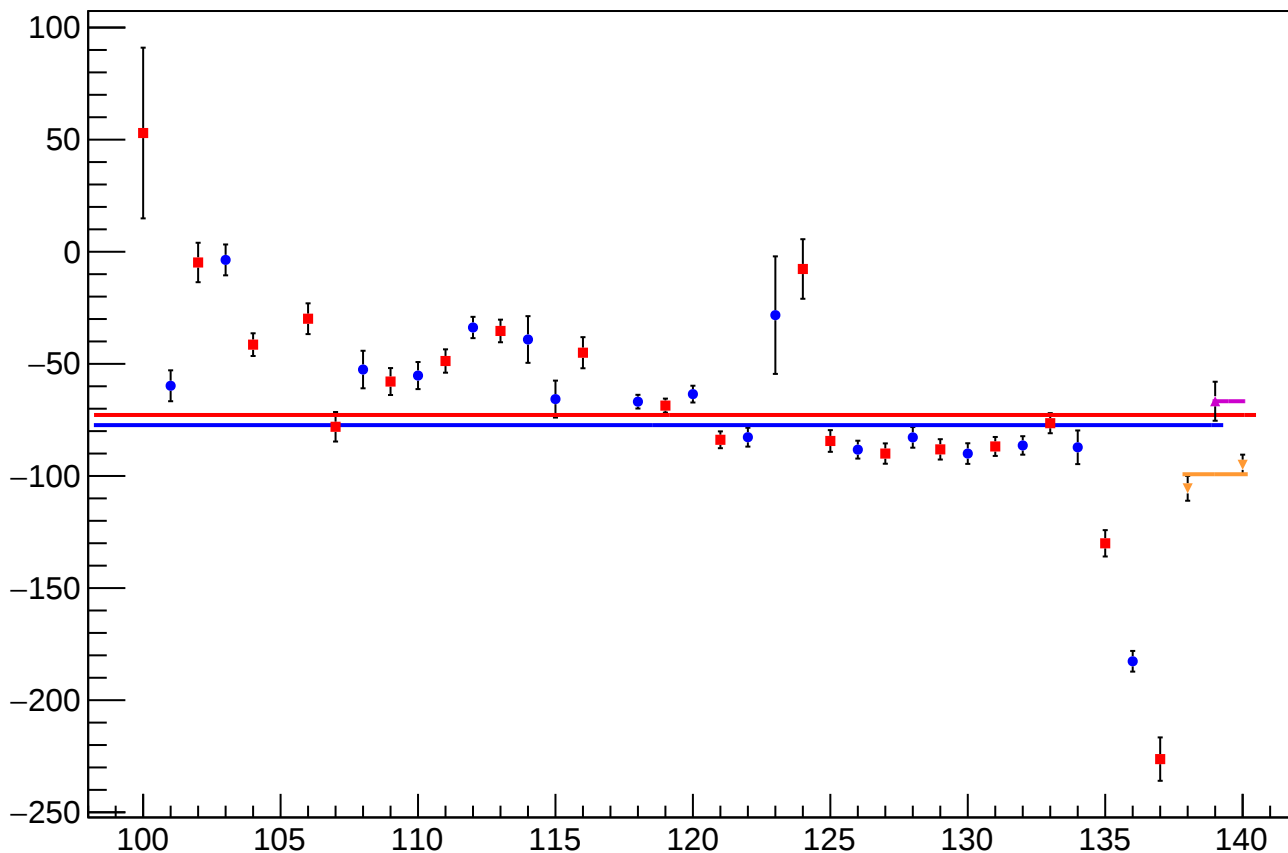
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -225.346 ± 1.885 χ^2/NDF : 1233.1/17

Out: -213.541 ± 1.693 χ^2/NDF : 1903.5/20

All: -218.813 ± 1.260 χ^2/NDF : 3158.3/38

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: -99.223+/-3.499 χ^2/NDF : 2.2/1

Right Out: -72.796+/-1.207 χ^2/NDF : 671.7/18

Left In: -66.666+/-8.696 χ^2/NDF : 0.0/0

Left: -94.686+/-3.246 χ^2/NDF : 14.2/2

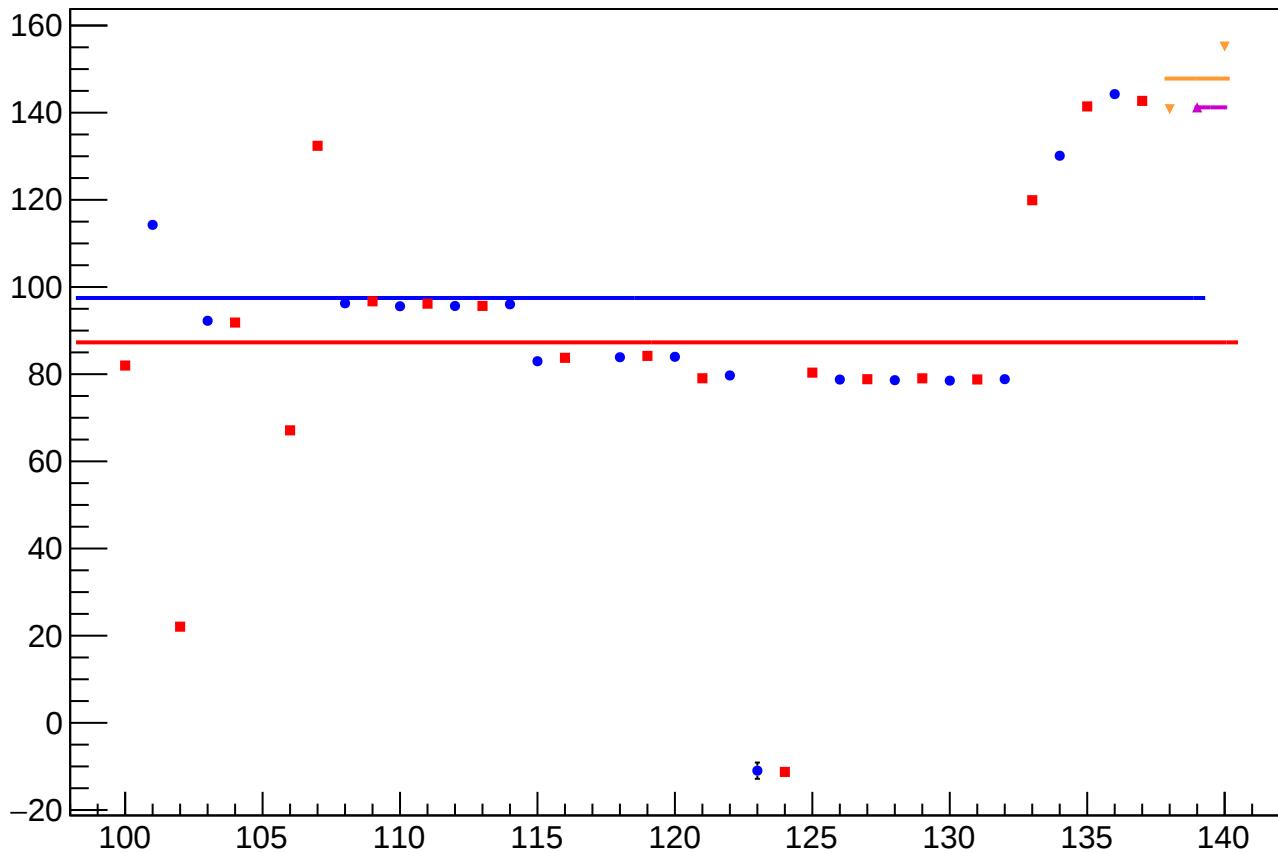
Right: -75.030+/-0.859 χ^2/NDF : 1496.4/35

In: -77.113+/-1.210 χ^2/NDF : 819.2/17

Out: -75.607+/-1.141 χ^2/NDF : 724.9/20

All: -76.316+/-0.830 χ^2/NDF : 1544.9/38

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: 147.826+/-0.149 χ^2/NDF : 2328.5/1

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 141.220+/-0.191 χ^2/NDF : 0.0/0

Left: 145.332+/-0.117 χ^2/NDF : 3071.7/2

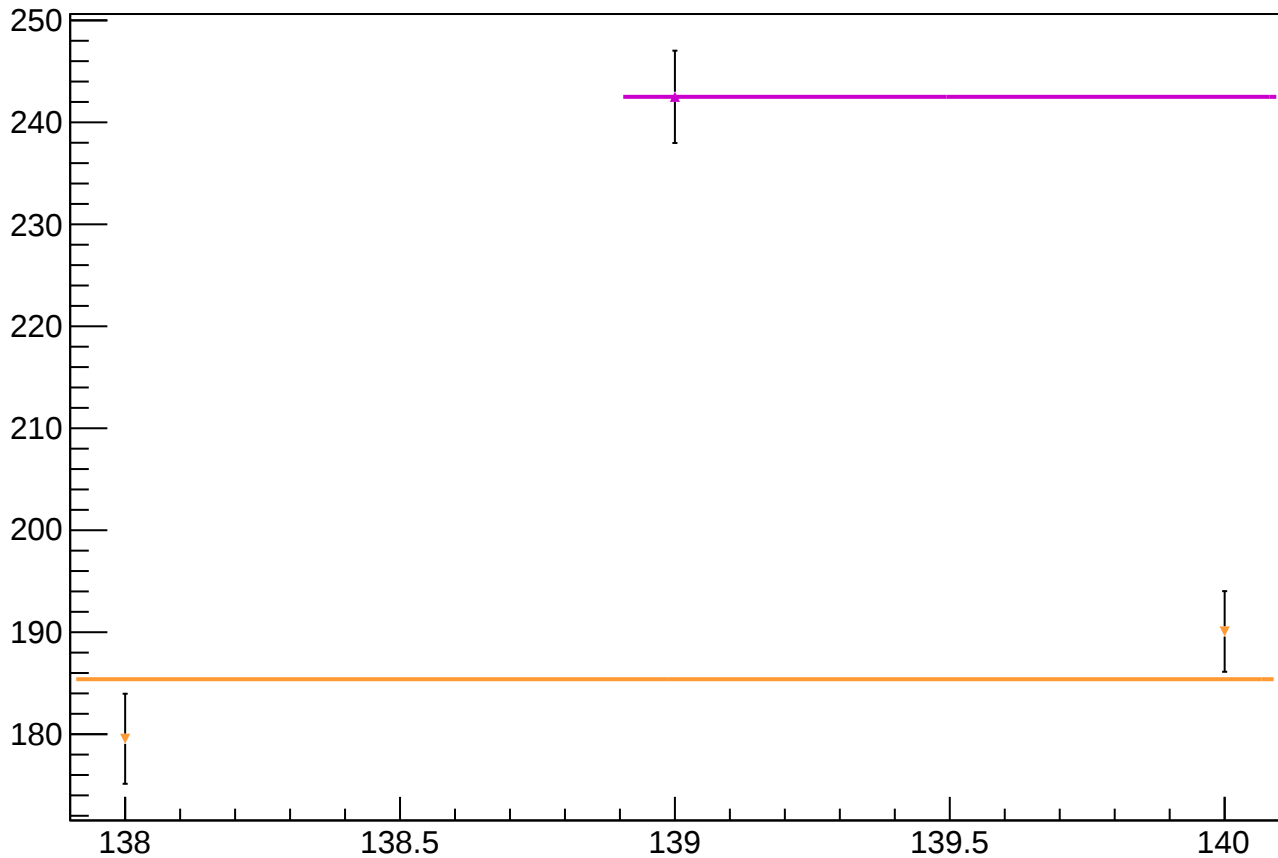
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 103.098+/-0.068 χ^2/NDF : 140023.6/17

Out: 97.800+/-0.062 χ^2/NDF : 360778.7/20

All: 100.187+/-0.046 χ^2/NDF : 504090.3/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 185.393 $\pm$ 2.946 χ^2 /NDF:3.2/1

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

Left In: 242.503 $\pm$ 4.526 χ^2 /NDF:0.0/0

Left: 202.384 $\pm$ 2.469 χ^2 /NDF: 115.0/2

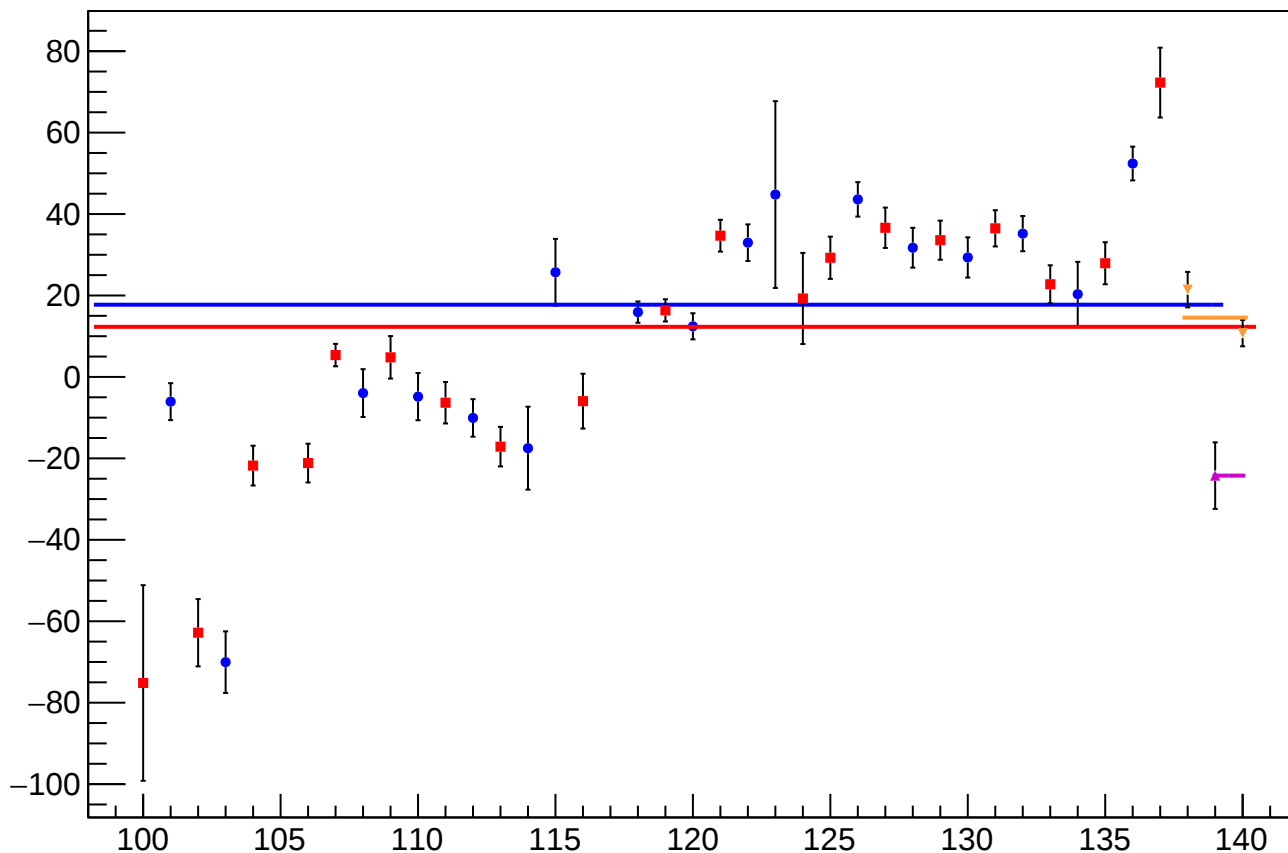
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 242.503 $\pm$ 4.526 χ^2 /NDF:0.0/0

Out: 185.393 $\pm$ 2.946 χ^2 /NDF:3.2/1

All: 202.384 $\pm$ 2.469 χ^2 /NDF: 115.0/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 14.563 $\pm$ 2.598 χ^2 /NDF: 3.9/1

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: -24.236 $\pm$ 8.174 χ^2 /NDF: 0.0/0

Left: 11.002 $\pm$ 2.476 χ^2 /NDF: 24.3/2

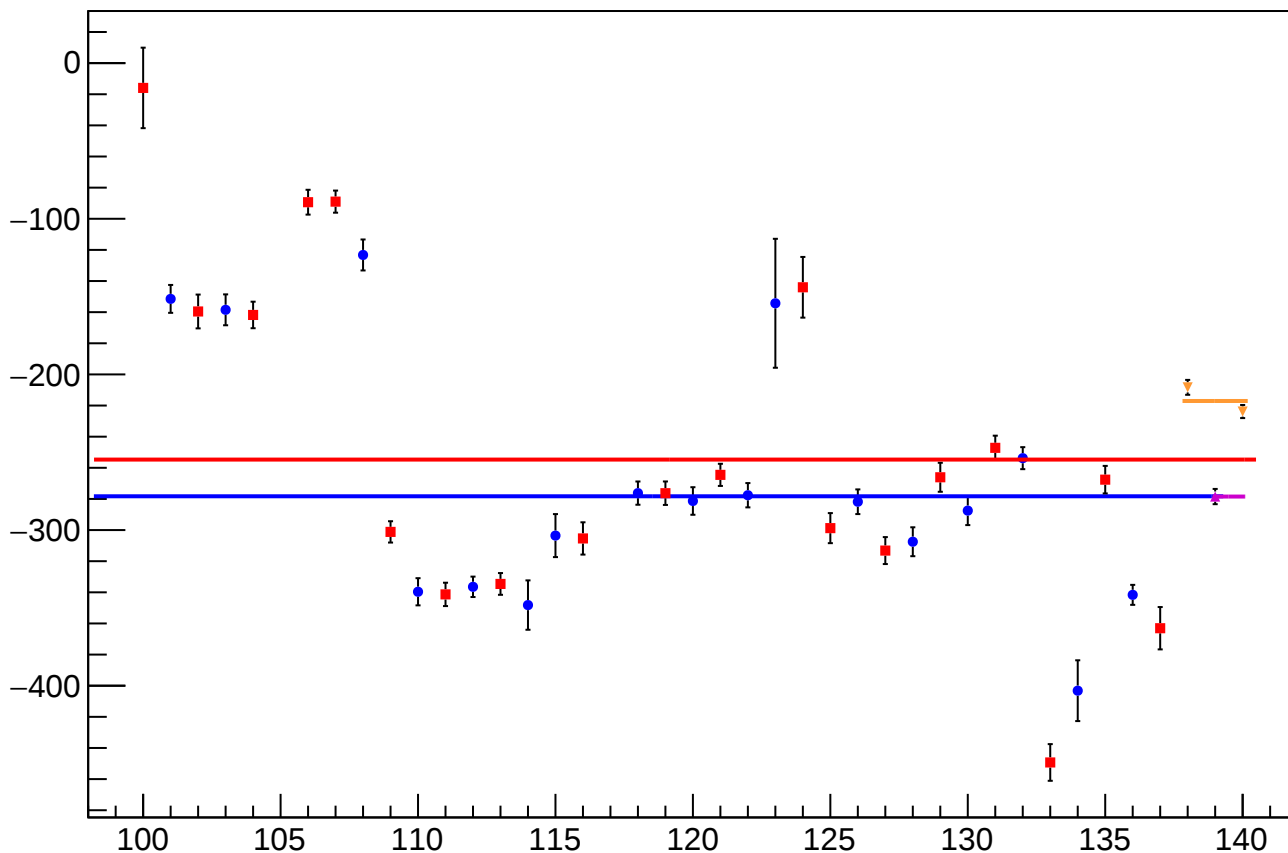
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 16.924 $\pm$ 1.137 χ^2 /NDF: 419.8/17

Out: 12.640 $\pm$ 1.000 χ^2 /NDF: 447.0/20

All: 14.509 $\pm$ 0.751 χ^2 /NDF: 874.8/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -217.067+/-3.161 χ^2/NDF : 5.9/1

Right Out: -254.713+/-2.019 χ^2/NDF : 2038.0/18

Left In: -278.471+/-4.899 χ^2/NDF : 0.0/0

Left: -235.118+/-2.656 χ^2/NDF : 116.8/2

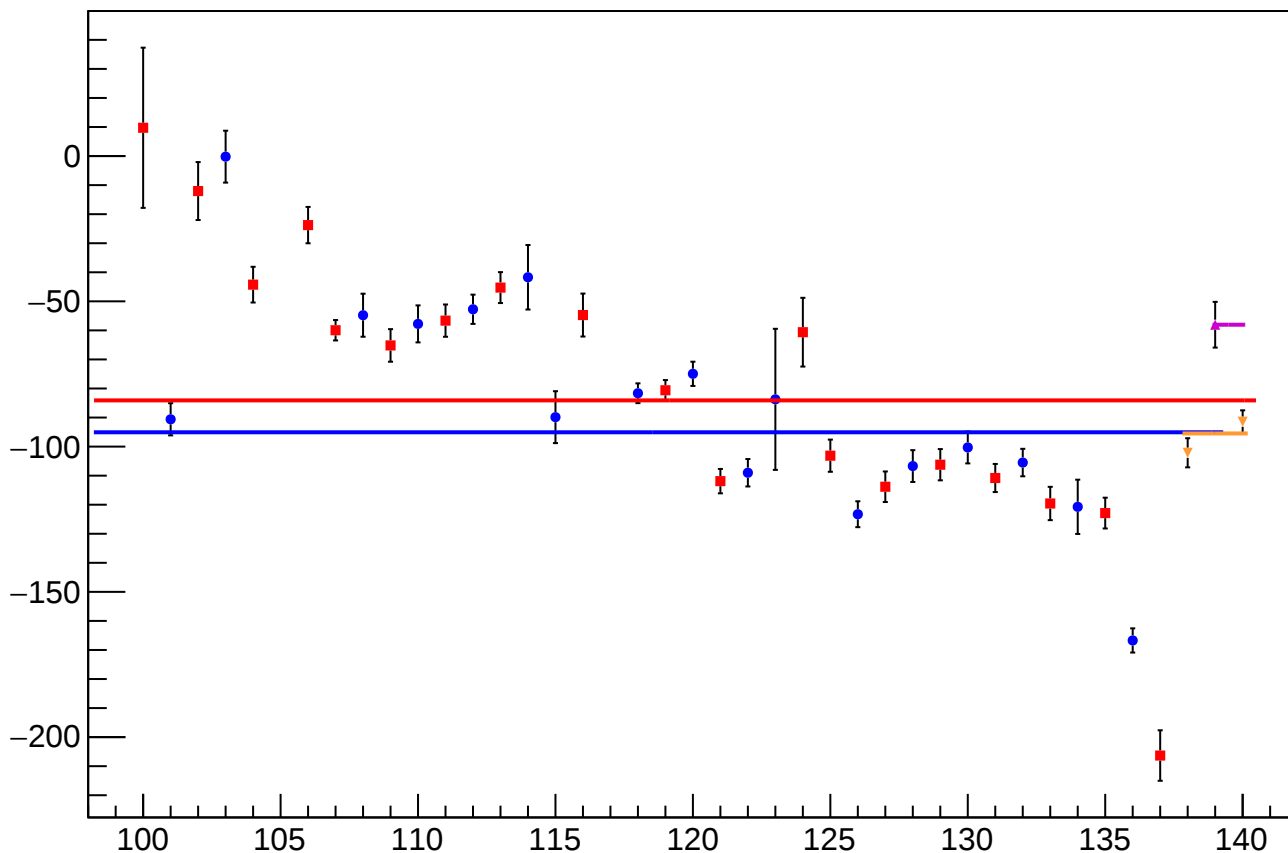
Right: -265.641+/-1.479 χ^2/NDF : 3011.2/35

In: -278.323+/-1.986 χ^2/NDF : 910.0/17

Out: -243.809+/-1.701 χ^2/NDF : 2144.7/20

All: -258.420+/-1.292 χ^2/NDF : 3228.8/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -95.472 ± 3.082 χ^2/NDF : 2.8/1

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -58.051 ± 7.870 χ^2/NDF : 0.0/0

Left: -90.497 ± 2.869 χ^2/NDF : 22.4/2

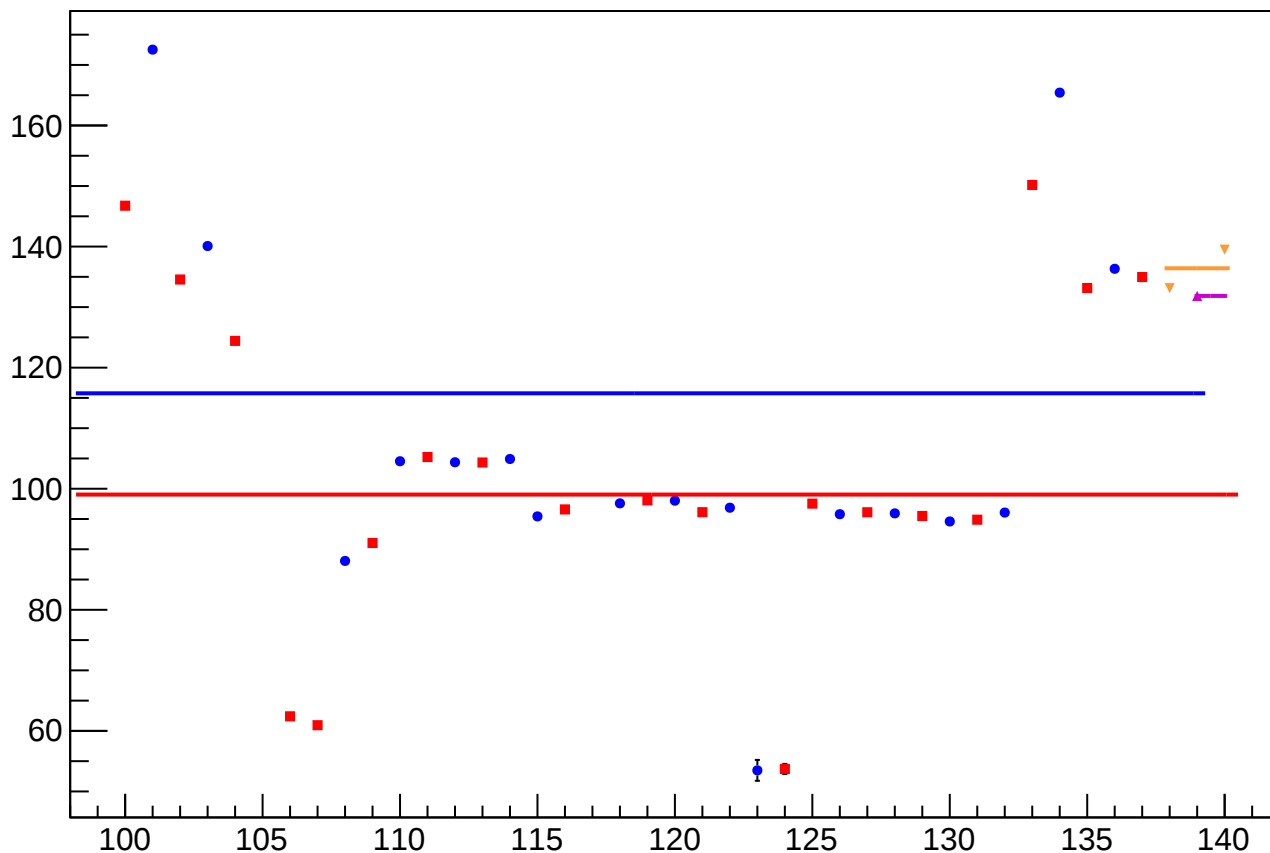
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -94.053 ± 1.307 χ^2/NDF : 694.7/17

Out: -85.717 ± 1.164 χ^2/NDF : 794.9/20

All: -89.404 ± 0.869 χ^2/NDF : 1512.3/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 136.414+/-0.132 χ^2/NDF : 576.6/1

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 131.848+/-0.173 χ^2/NDF : 0.0/0

Left: 134.729+/-0.105 χ^2/NDF : 1015.9/2

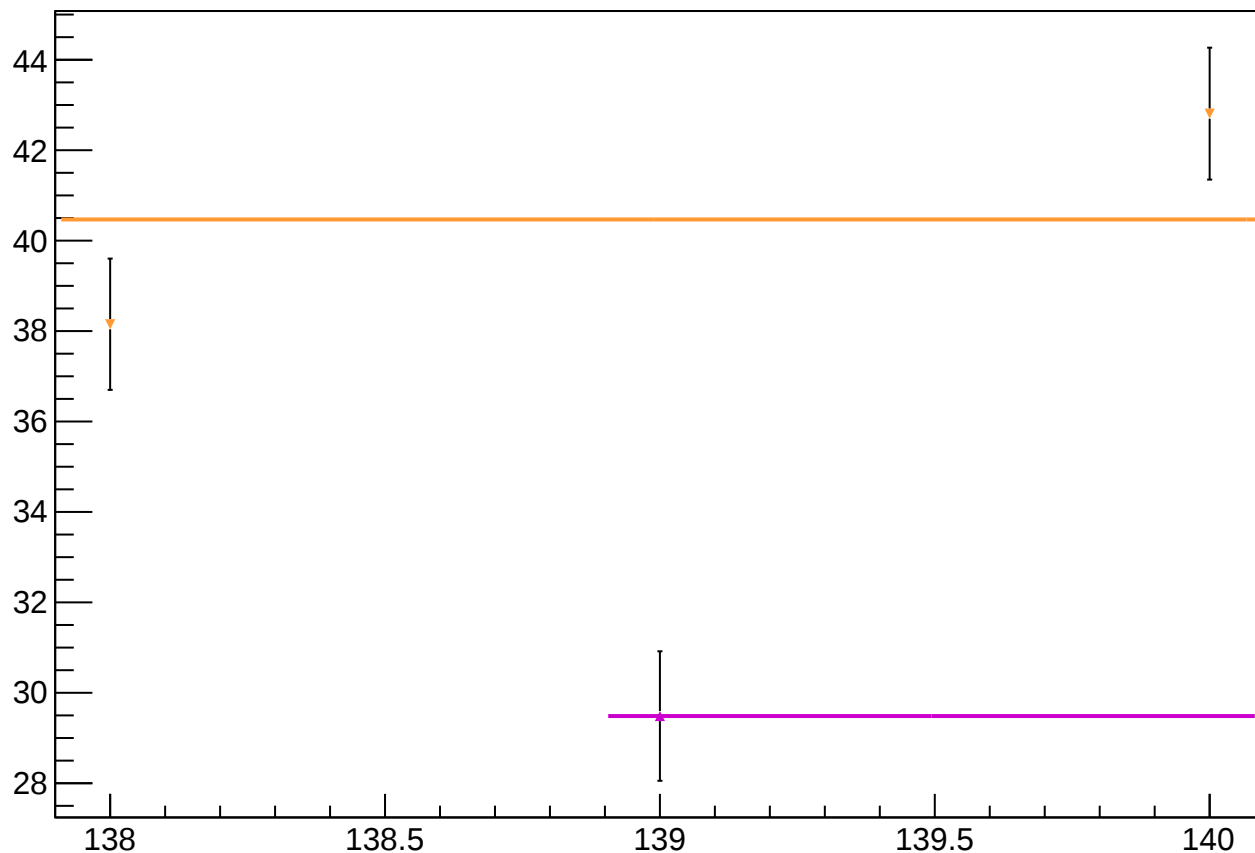
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 118.484+/-0.071 χ^2/NDF : 113476.9/17

Out: 106.934+/-0.061 χ^2/NDF : 237002.8/20

All: 111.808+/-0.046 χ^2/NDF : 365700.4/38

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: 40.468+/-1.029 χ^2/NDF : 5.1/1

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

Left In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Left: 36.729+/-0.836 χ^2/NDF : 43.9/2

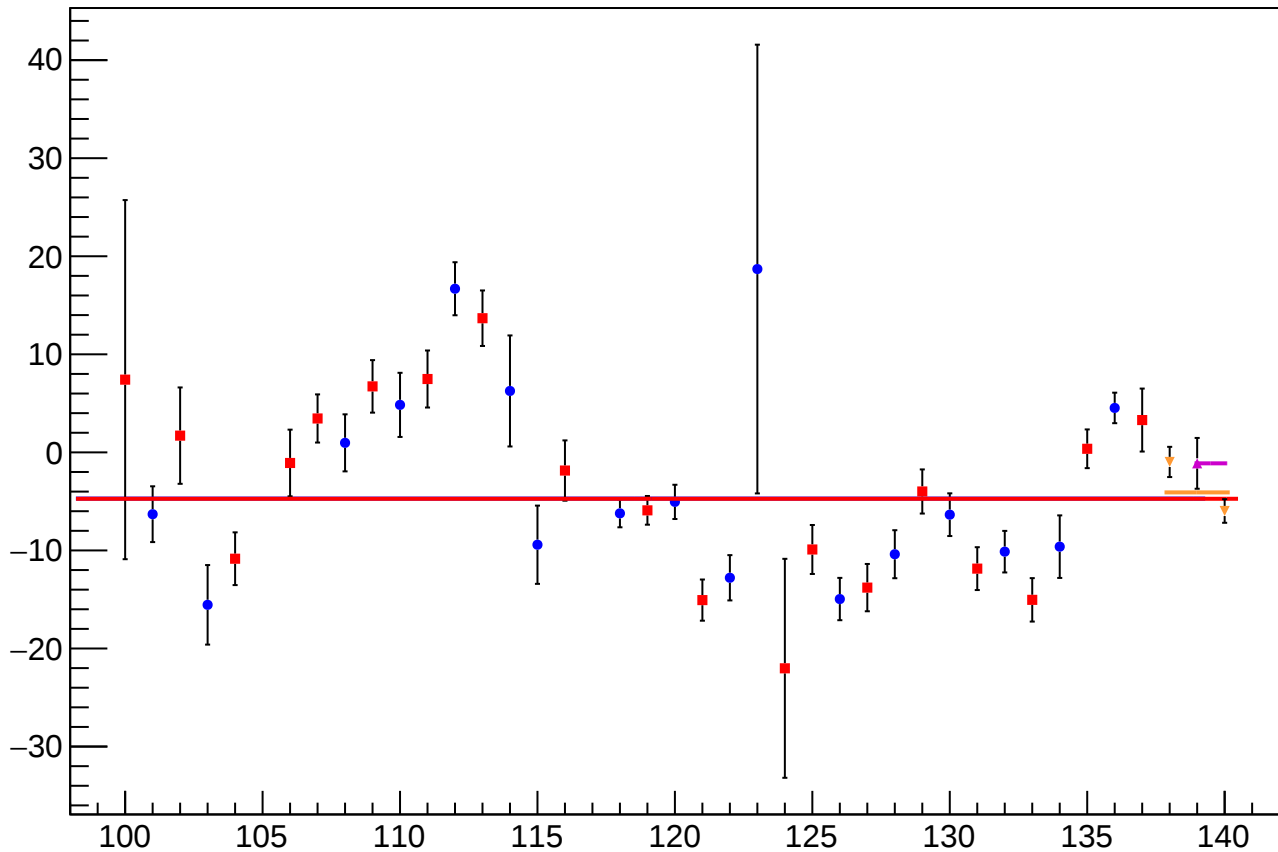
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Out: 40.468+/-1.029 χ^2/NDF : 5.1/1

All: 36.729+/-0.836 χ^2/NDF : 43.9/2

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: -4.082 ± 0.949 χ^2/NDF : 6.5/1

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.119 ± 2.590 χ^2/NDF : 0.0/0

Left: -3.731 ± 0.891 χ^2/NDF : 7.7/2

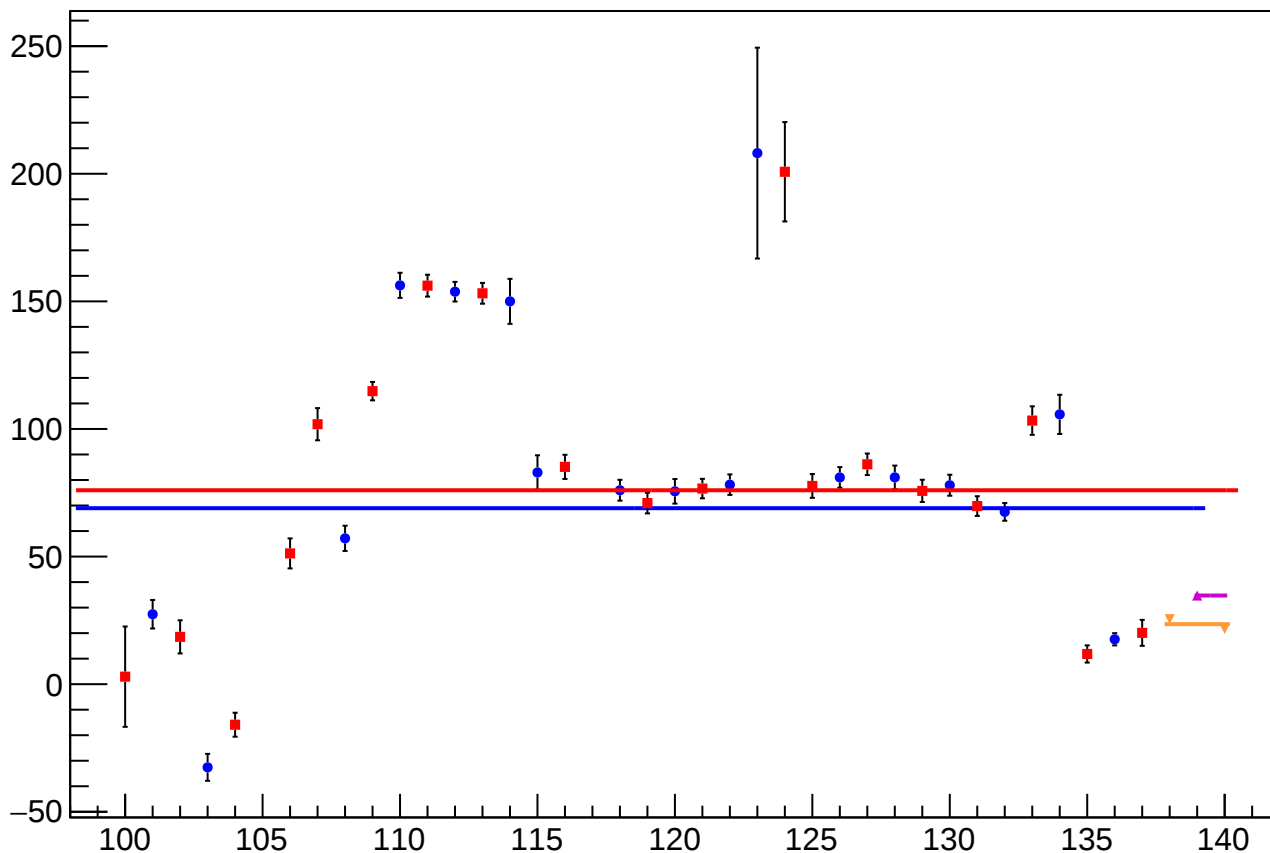
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -4.541 ± 0.567 χ^2/NDF : 176.5/17

Out: -4.553 ± 0.498 χ^2/NDF : 196.6/20

All: -4.548 ± 0.374 χ^2/NDF : 373.1/38

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: 23.516 $\pm$ 1.106 χ^2 /NDF:3.0/1

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 34.736 $\pm$ 1.550 χ^2 /NDF:0.0/0

Left: 27.303 $\pm$ 0.900 χ^2 /NDF: 37.7/2

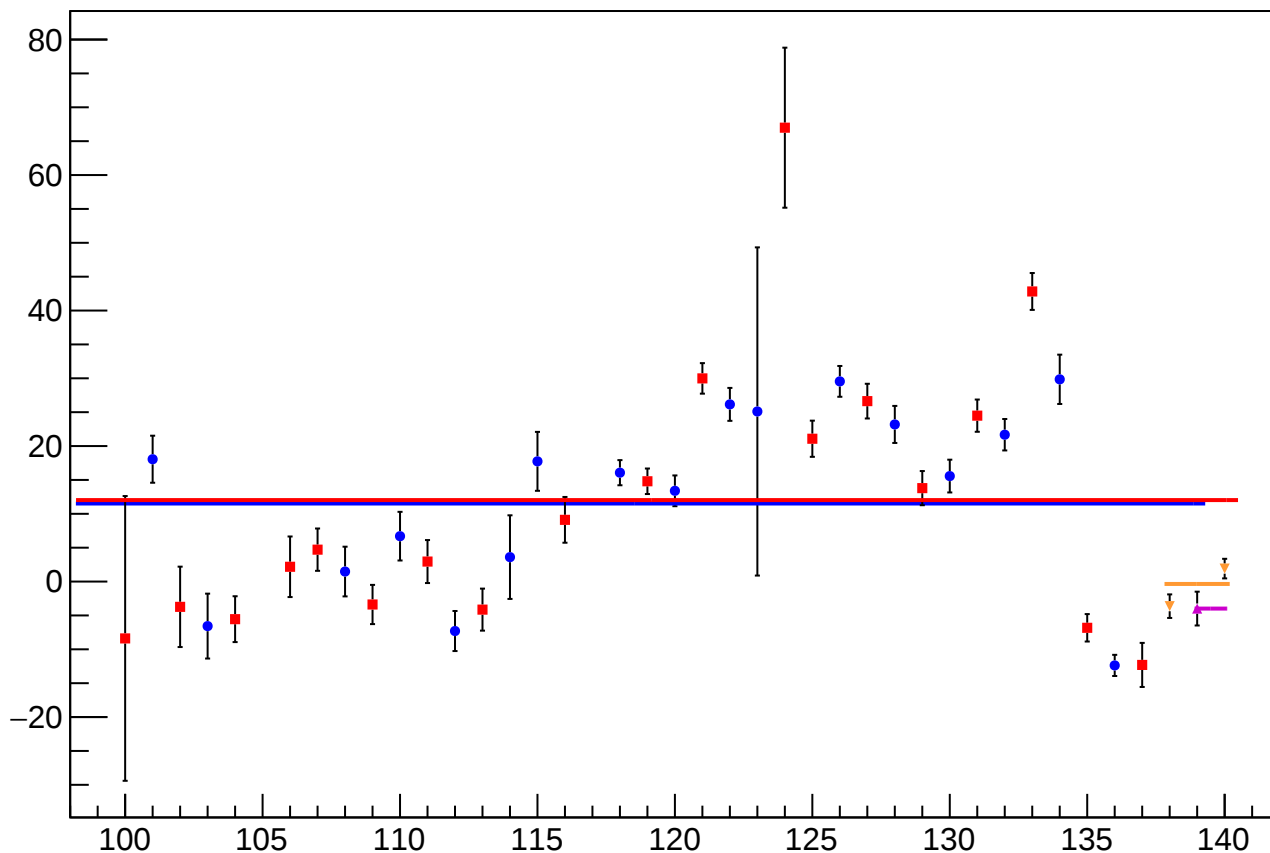
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 57.787 $\pm$ 0.885 χ^2 /NDF:2172.5/17

Out: 50.632 $\pm$ 0.769 χ^2 /NDF:3060.8/20

All: 53.707 $\pm$ 0.581 χ^2 /NDF: 5270.5/38

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -0.353+/-1.111 χ^2/NDF : 6.0/1

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -3.988+/-2.495 χ^2/NDF : 0.0/0

Left: -0.955+/-1.015 χ^2/NDF : 7.8/2

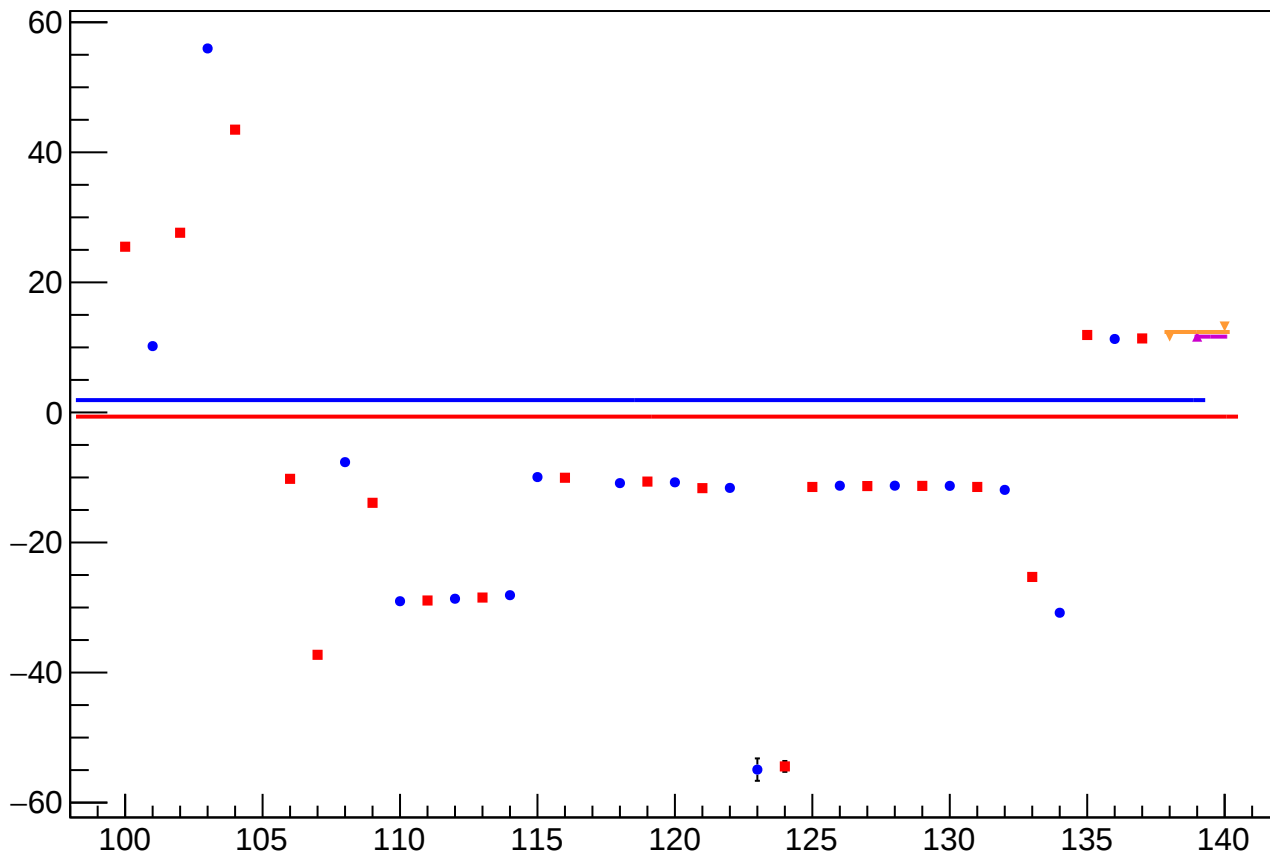
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 10.507+/-0.638 χ^2/NDF : 513.3/17

Out: 8.768+/-0.570 χ^2/NDF : 637.1/20

All: 9.540+/-0.425 χ^2/NDF : 1154.5/38

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 12.369 ± 0.045 χ^2/NDF : 285.1/1

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 11.656 ± 0.055 χ^2/NDF : 0.0/0

Left: 12.079 ± 0.035 χ^2/NDF : 385.8/2

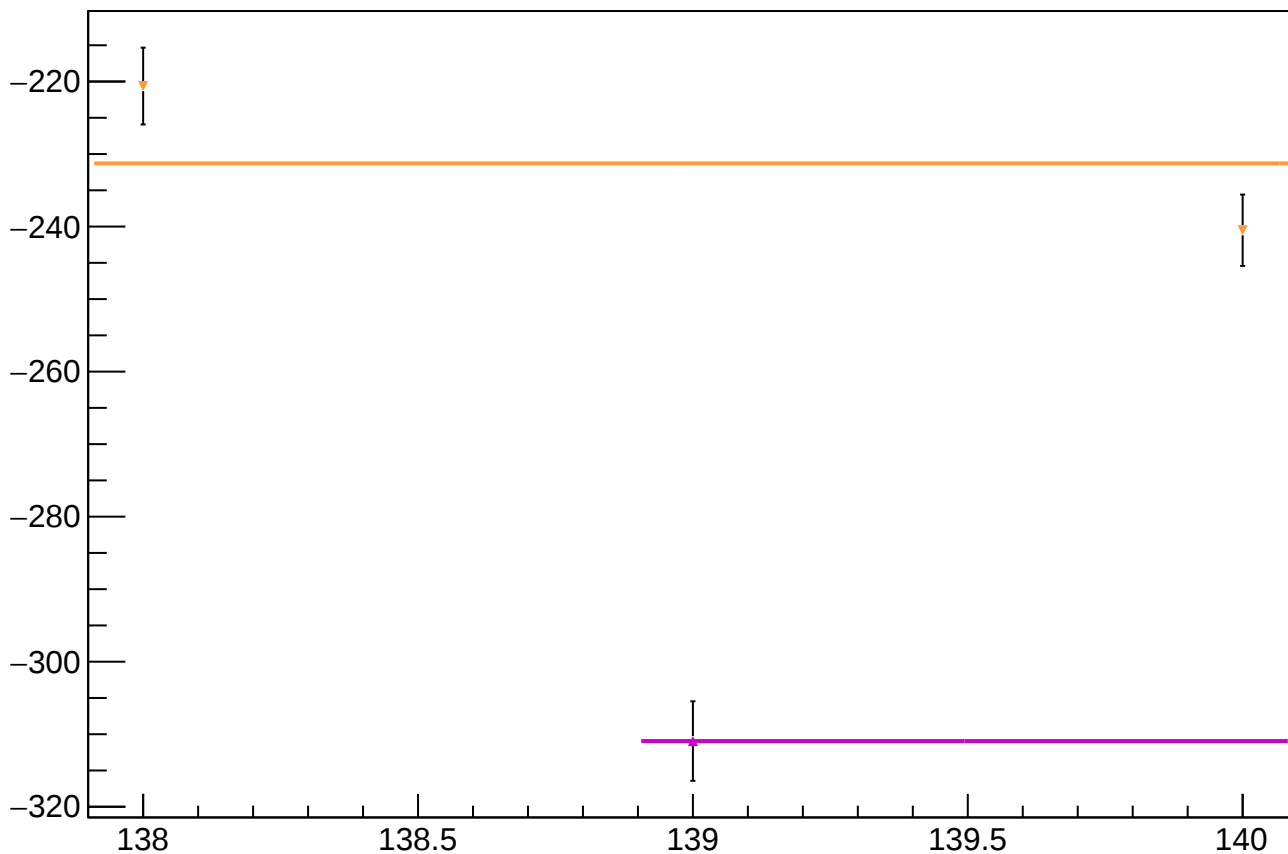
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 4.961 ± 0.031 χ^2/NDF : 380653.9/17

Out: 4.562 ± 0.029 χ^2/NDF : 411260.5/20

All: 4.748 ± 0.021 χ^2/NDF : 792004.6/38

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: -231.291+/-3.604 χ^2/NDF : 7.6/1

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

Left In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Left: -255.339+/-3.011 χ^2/NDF : 155.0/2

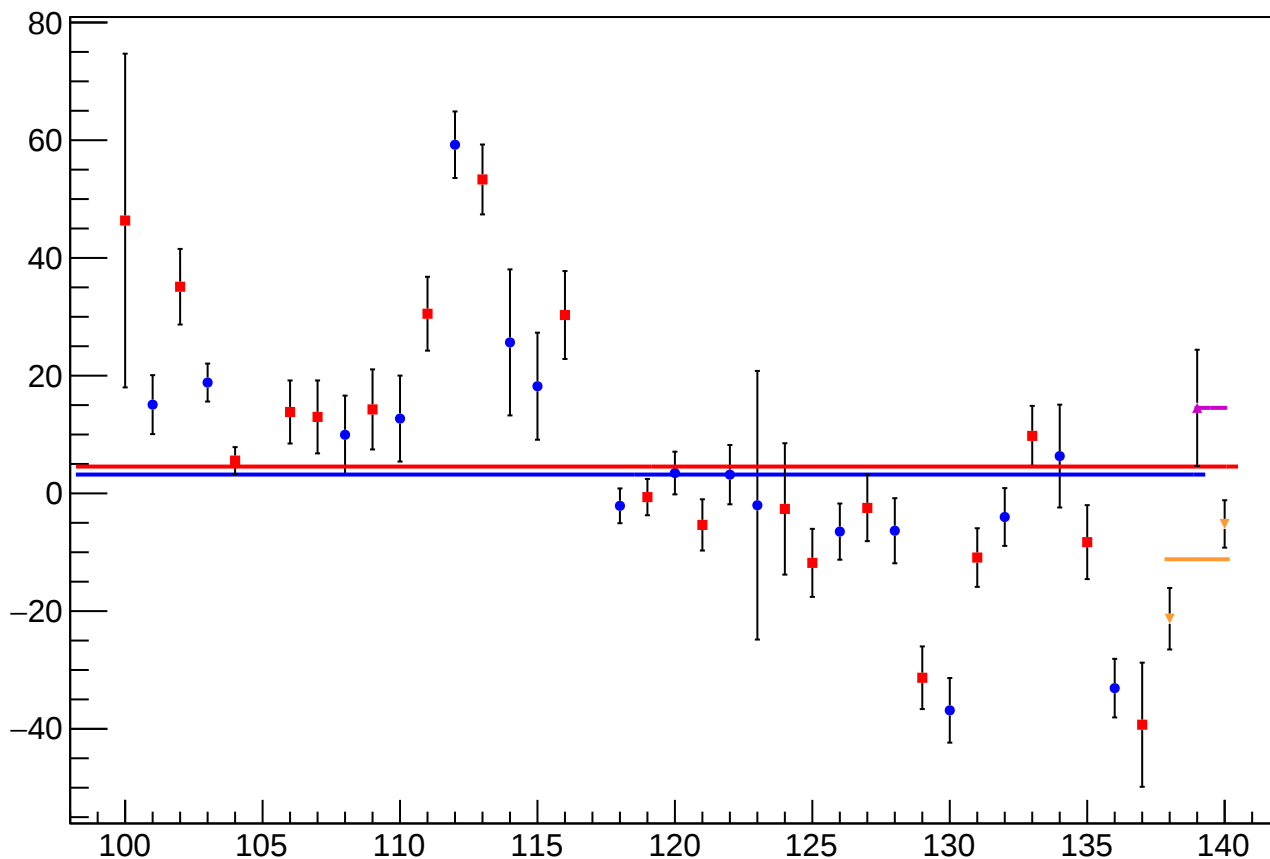
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Out: -231.291+/-3.604 χ^2/NDF : 7.6/1

All: -255.339+/-3.011 χ^2/NDF : 155.0/2

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: -11.190 ± 3.189 $\chi^2/\text{NDF}: 6.0/1$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 14.531 ± 9.870 $\chi^2/\text{NDF}: 0.0/0$

Left: -8.758 ± 3.035 $\chi^2/\text{NDF}: 12.1/2$

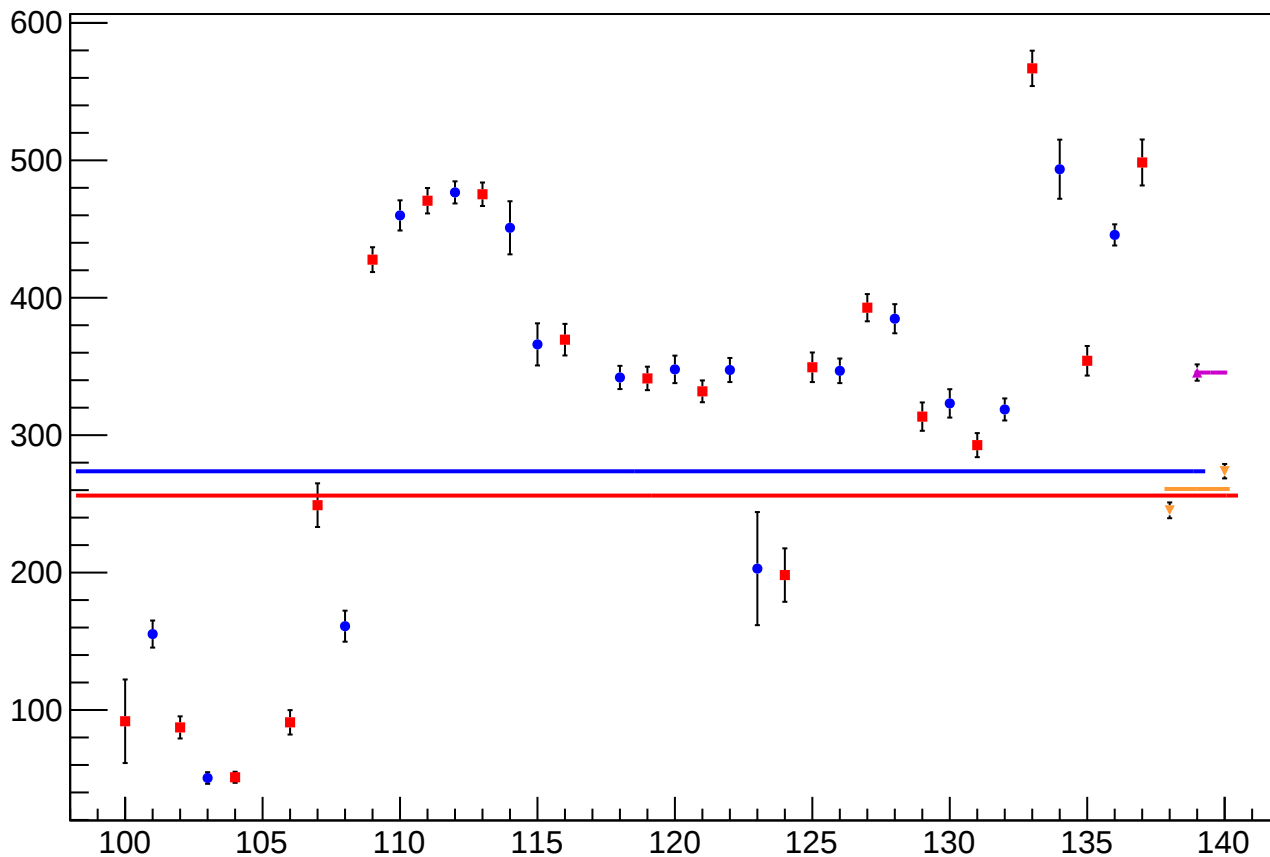
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 3.372 ± 1.218 $\chi^2/\text{NDF}: 256.5/17$

Out: 2.725 ± 1.088 $\chi^2/\text{NDF}: 251.4/20$

All: 3.012 ± 0.811 $\chi^2/\text{NDF}: 508.1/38$

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: 260.834 $\pm$ 3.869 χ^2 /NDF:13.4/1

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 345.568 $\pm$ 5.935 χ^2 /NDF:0.0/0

Left: 286.107 $\pm$ 3.241 χ^2 /NDF: 156.5/2

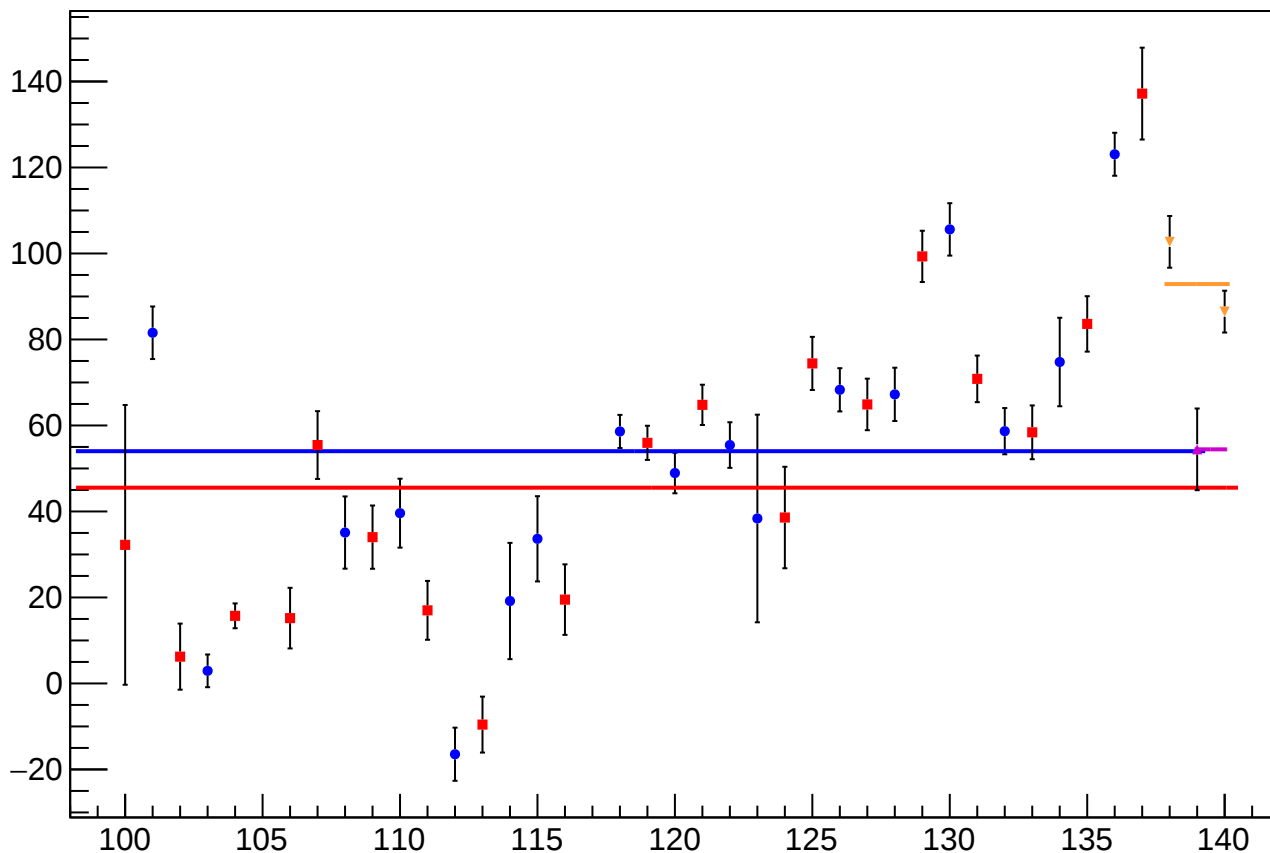
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 282.359 $\pm$ 2.058 χ^2 /NDF:5232.2/17

Out: 257.125 $\pm$ 1.831 χ^2 /NDF:6455.7/20

All: 268.274 $\pm$ 1.368 χ^2 /NDF: 11771.8/38

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: 92.888 $\pm$ 3.781 χ^2 /NDF:4.4/1

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 54.446 $\pm$ 9.501 χ^2 /NDF:0.0/0

Left: 87.632 $\pm$ 3.513 χ^2 /NDF: 18.5/2

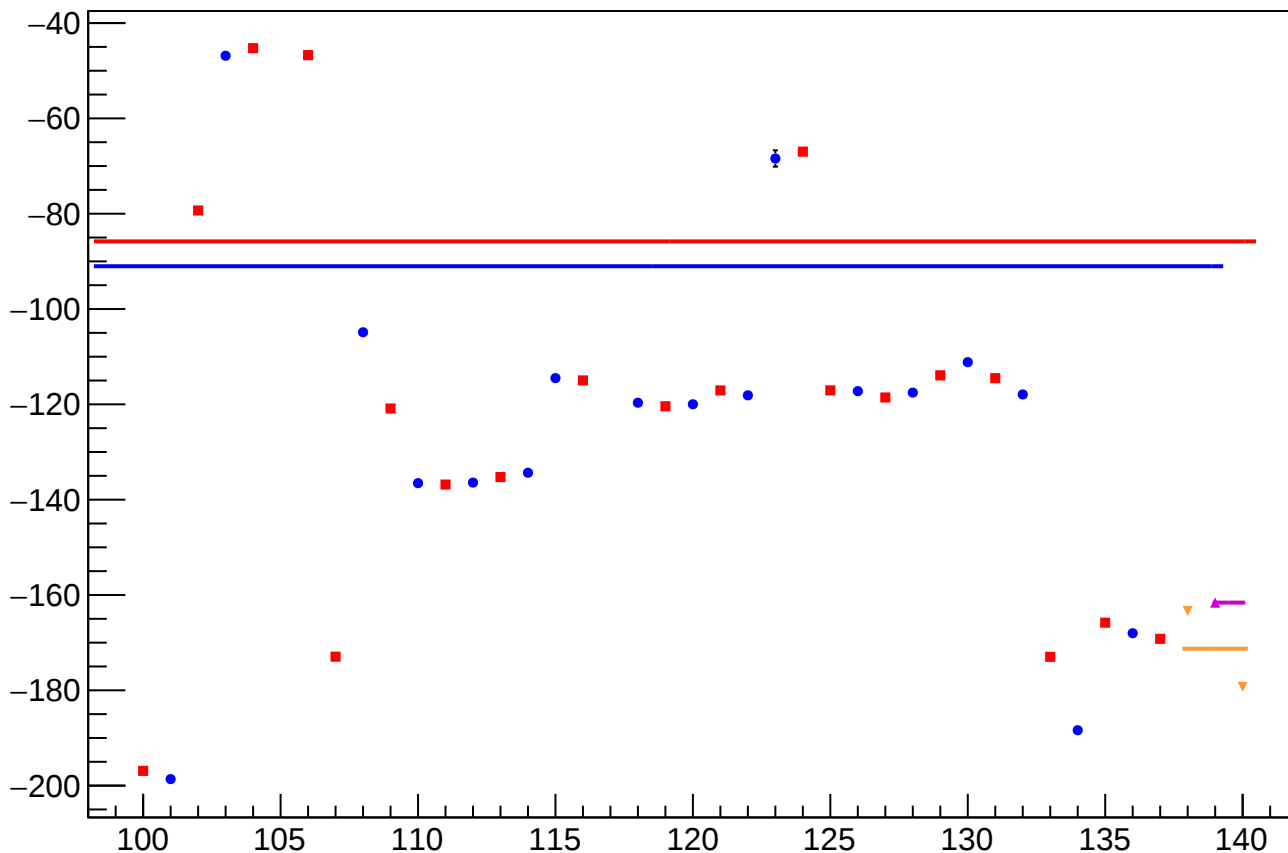
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 54.025 $\pm$ 1.408 χ^2 /NDF:632.9/17

Out: 50.935 $\pm$ 1.277 χ^2 /NDF:670.2/20

All: 52.331 $\pm$ 0.946 χ^2 /NDF: 1305.7/38

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: -171.270 ± 0.162 $\chi^2/\text{NDF}: 2418.6/1$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -161.601 ± 0.209 $\chi^2/\text{NDF}: 0.0/0$

Left: -167.648 ± 0.128 $\chi^2/\text{NDF}: 3757.9/2$

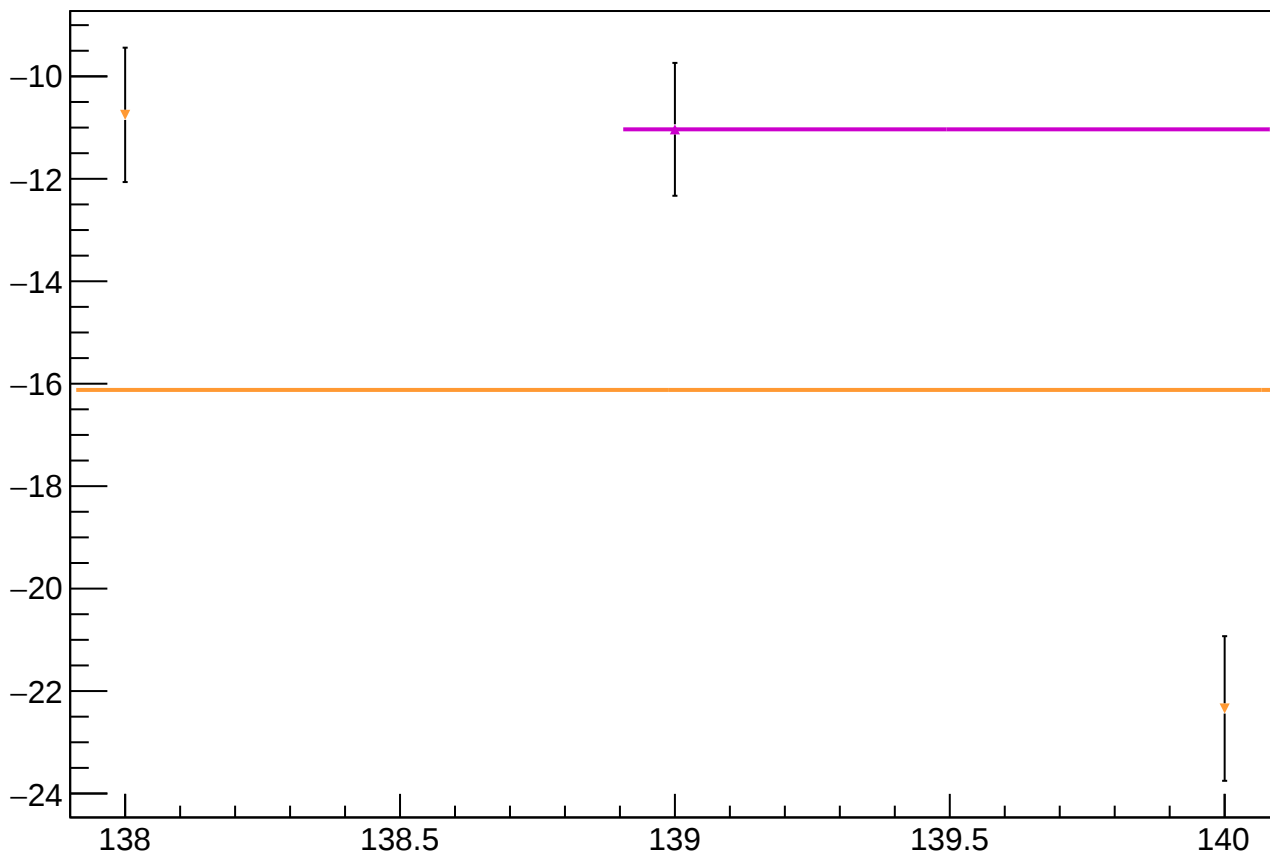
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -97.707 ± 0.064 $\chi^2/\text{NDF}: 637574.0/17$

Out: -97.707 ± 0.060 $\chi^2/\text{NDF}: 738759.5/20$

All: -97.707 ± 0.044 $\chi^2/\text{NDF}: 1376333.5/38$

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: -16.121+/-0.961 χ^2/NDF : 36.2/1

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

Left In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Left: -14.318+/-0.772 χ^2/NDF : 46.1/2

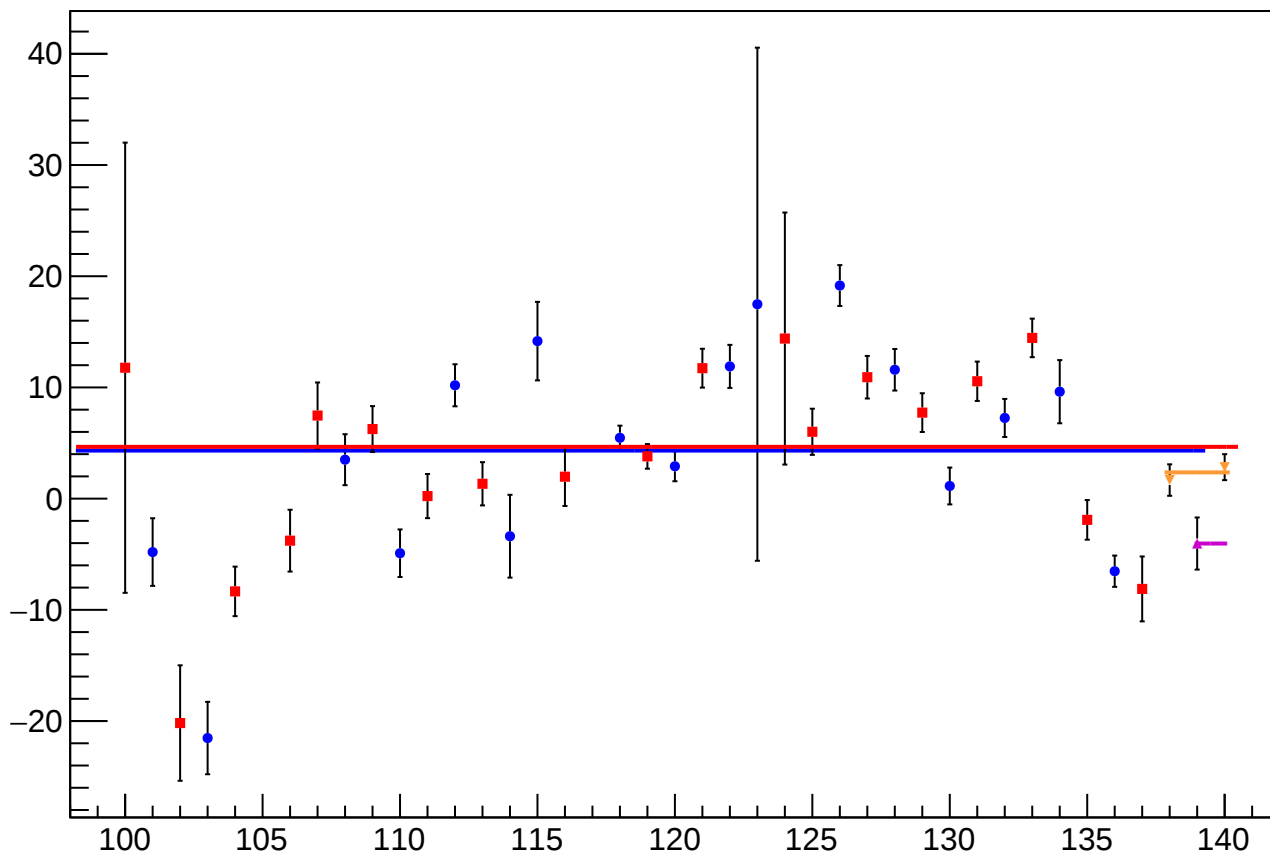
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Out: -16.121+/-0.961 χ^2/NDF : 36.2/1

All: -14.318+/-0.772 χ^2/NDF : 46.1/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 2.361 $\pm$ 0.900 χ^2 /NDF:0.4/1

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: -4.037 $\pm$ 2.343 χ^2 /NDF:0.0/0

Left: 1.538 $\pm$ 0.840 χ^2 /NDF: 6.9/2

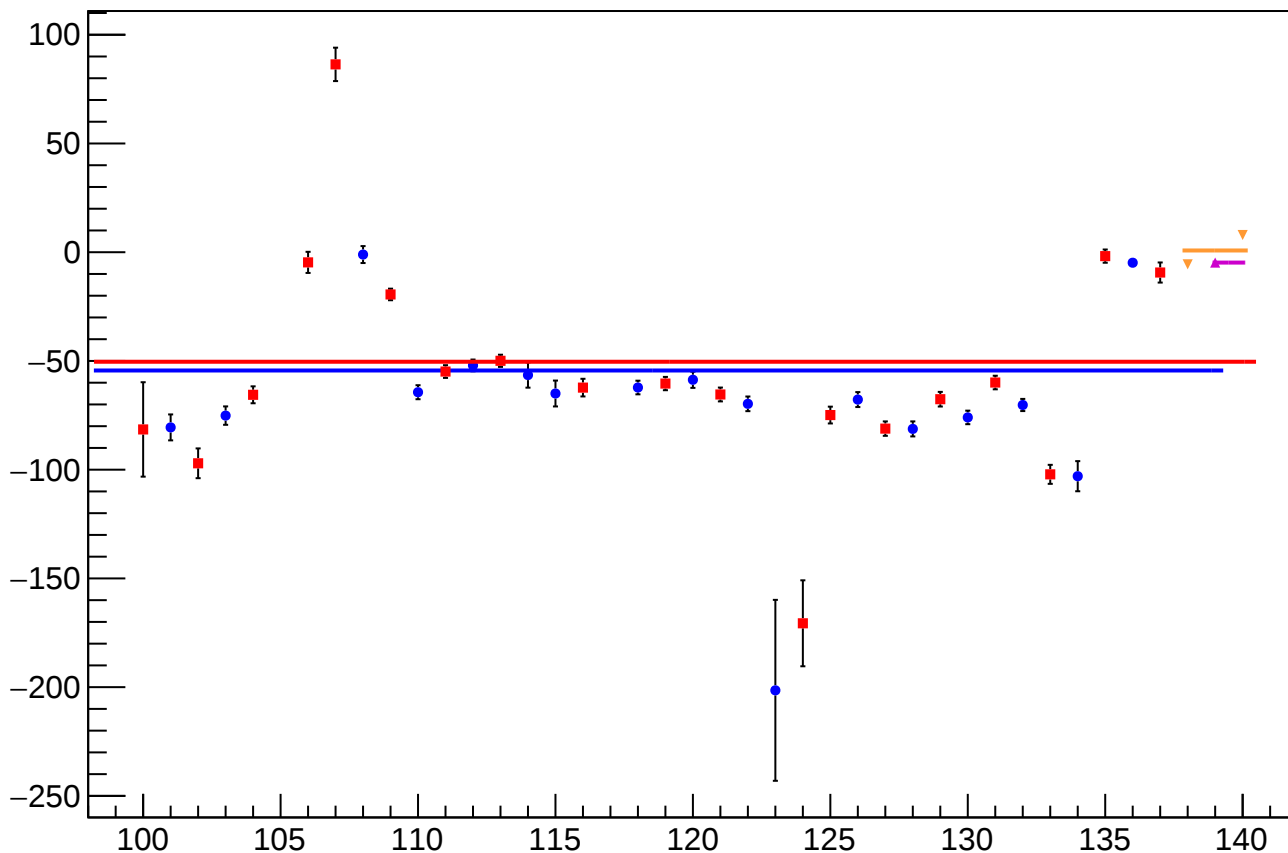
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 4.004 $\pm$ 0.456 χ^2 /NDF:292.6/17

Out: 4.159 $\pm$ 0.419 χ^2 /NDF:190.0/20

All: 4.088 $\pm$ 0.309 χ^2 /NDF: 482.7/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: 0.800 ± 1.034 $\chi^2/\text{NDF}: 42.4/1$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -4.767 ± 1.404 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.157 ± 0.832 $\chi^2/\text{NDF}: 52.6/2$

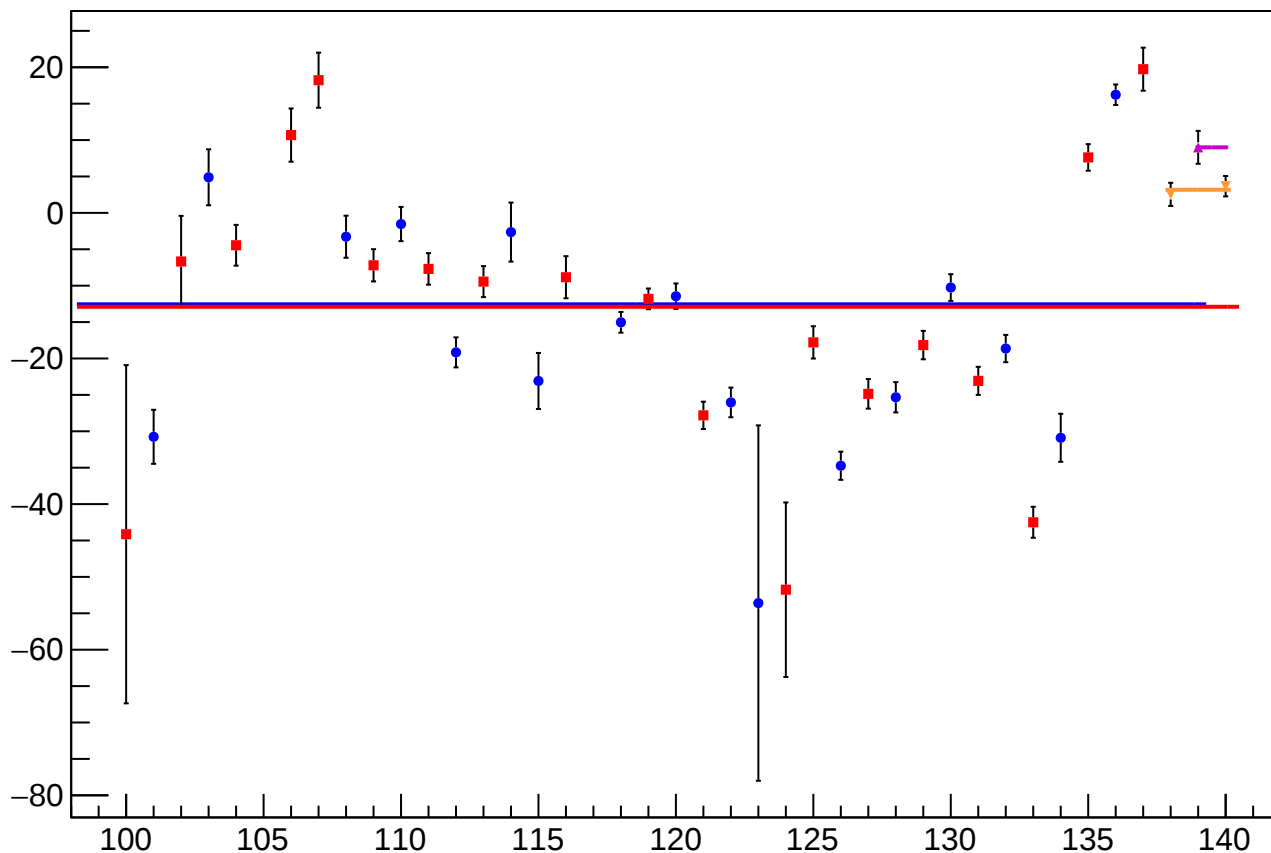
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -40.743 ± 0.736 $\chi^2/\text{NDF}: 1919.9/17$

Out: -29.501 ± 0.660 $\chi^2/\text{NDF}: 2815.1/20$

All: -34.511 ± 0.491 $\chi^2/\text{NDF}: 4864.3/38$

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: 3.176 ± 1.050 χ^2/NDF : 0.3/1

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 9.002 ± 2.256 χ^2/NDF : 0.0/0

Left: 4.214 ± 0.952 χ^2/NDF : 5.8/2

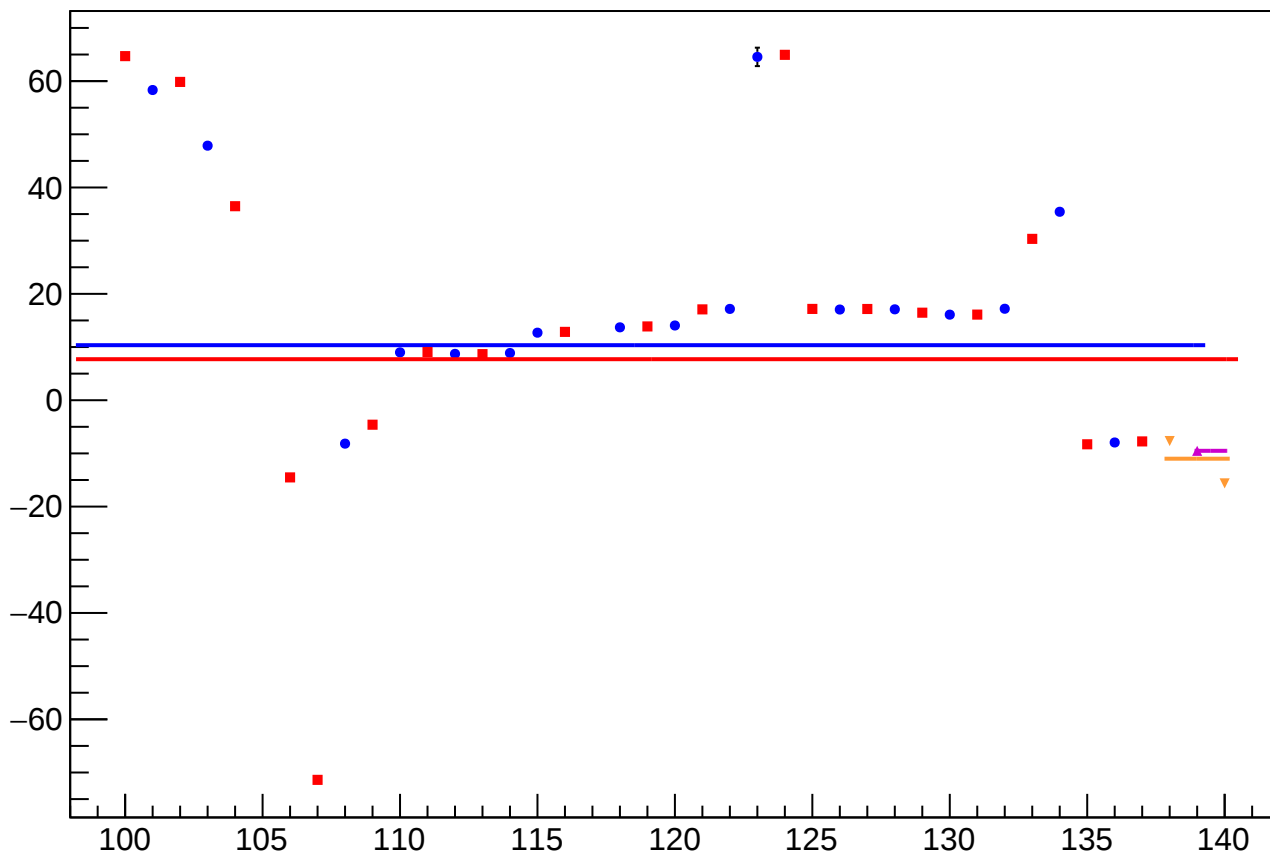
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -11.427 ± 0.517 χ^2/NDF : 866.0/17

Out: -9.557 ± 0.479 χ^2/NDF : 914.2/20

All: -10.420 ± 0.351 χ^2/NDF : 1787.3/38

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: -10.995 ± 0.042 $\chi^2/\text{NDF}: 8669.3/1$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -9.513 ± 0.050 $\chi^2/\text{NDF}: 0.0/0$

Left: -10.372 ± 0.032 $\chi^2/\text{NDF}: 9188.7/2$

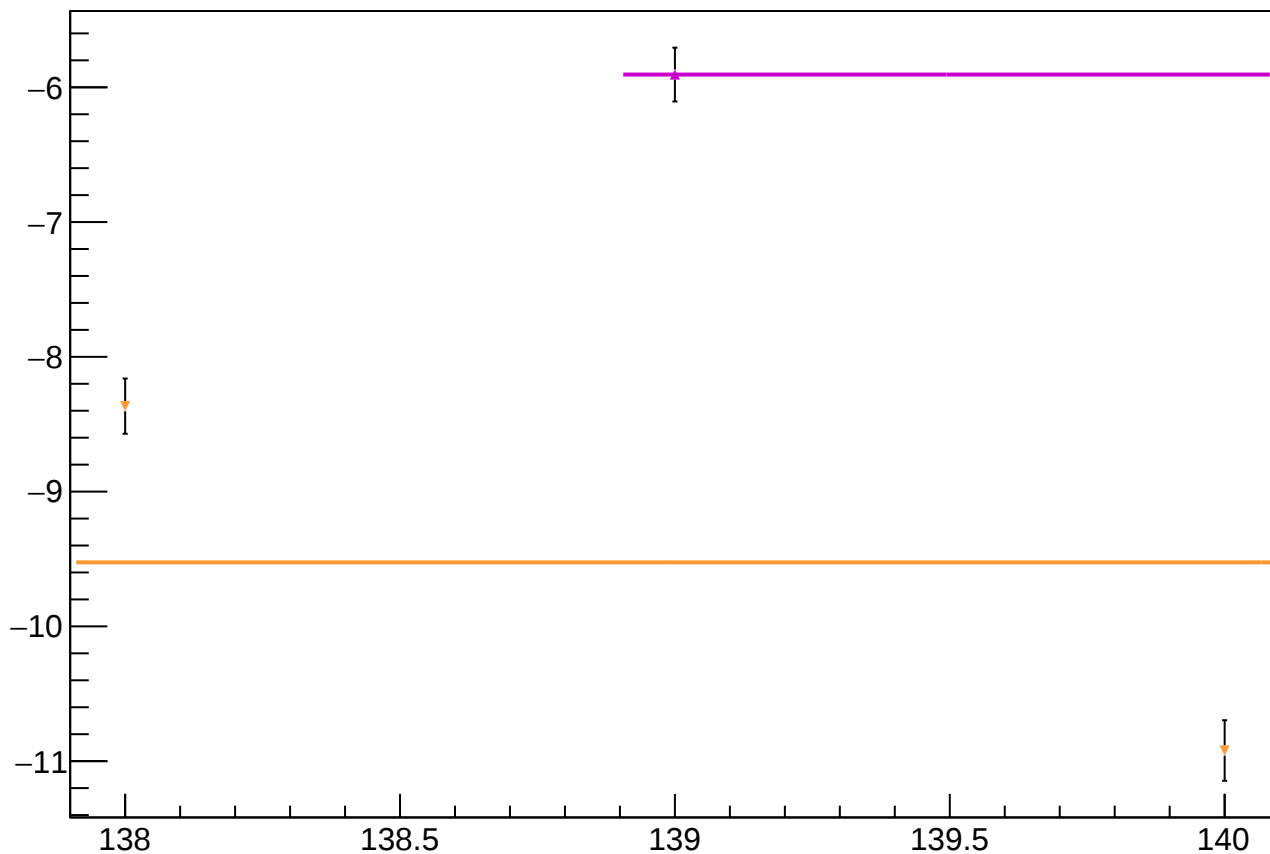
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: 4.869 ± 0.026 $\chi^2/\text{NDF}: 497300.2/17$

Out: 1.077 ± 0.025 $\chi^2/\text{NDF}: 680773.4/20$

All: 2.905 ± 0.018 $\chi^2/\text{NDF}: 1189069.1/38$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.525 $\pm$ 0.151 χ^2 /NDF: 70.6/1

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

Left In: -5.906 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Left: -8.203 $\pm$ 0.121 χ^2 /NDF: 279.3/2

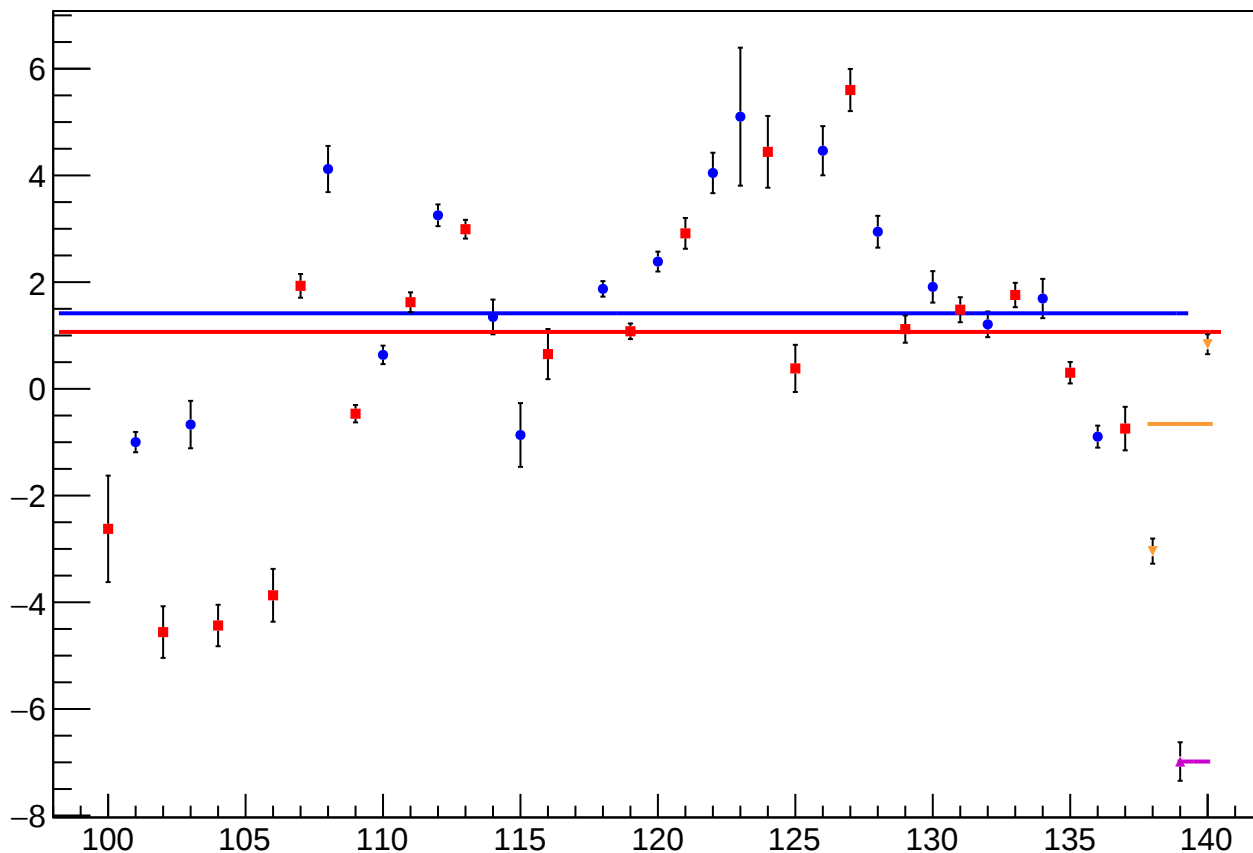
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.906 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Out: -9.525 $\pm$ 0.151 χ^2 /NDF: 70.6/1

All: -8.203 $\pm$ 0.121 χ^2 /NDF: 279.3/2

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: -0.658 ± 0.146 χ^2/NDF : 166.7/1

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: -6.985 ± 0.361 χ^2/NDF : 0.0/0

Left: -1.548 ± 0.135 χ^2/NDF : 430.6/2

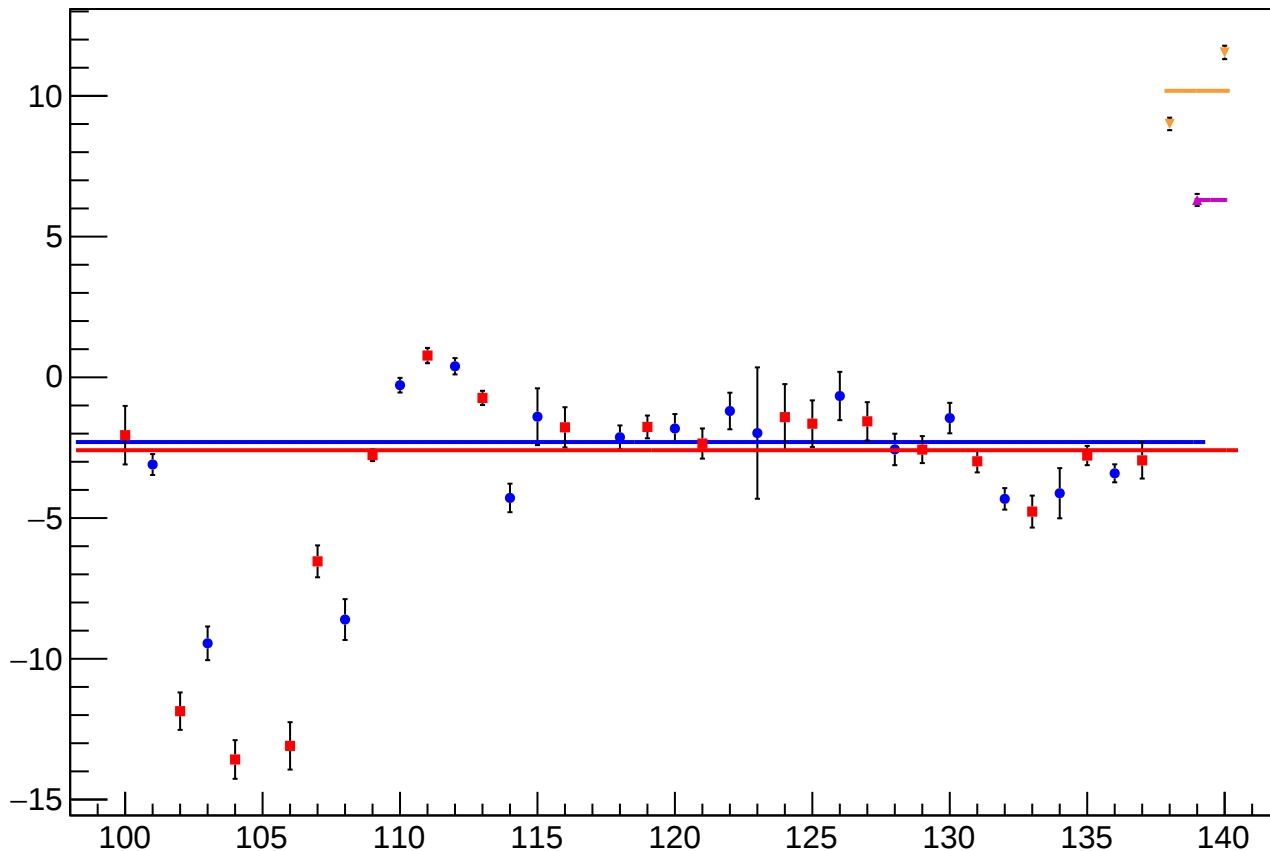
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.182 ± 0.060 χ^2/NDF : 1157.4/17

Out: 0.832 ± 0.054 χ^2/NDF : 1216.9/20

All: 0.987 ± 0.040 χ^2/NDF : 2393.0/38

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 10.180 ± 0.163 χ^2/NDF : 60.4/1

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 6.302 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.772 ± 0.130 χ^2/NDF : 265.9/2

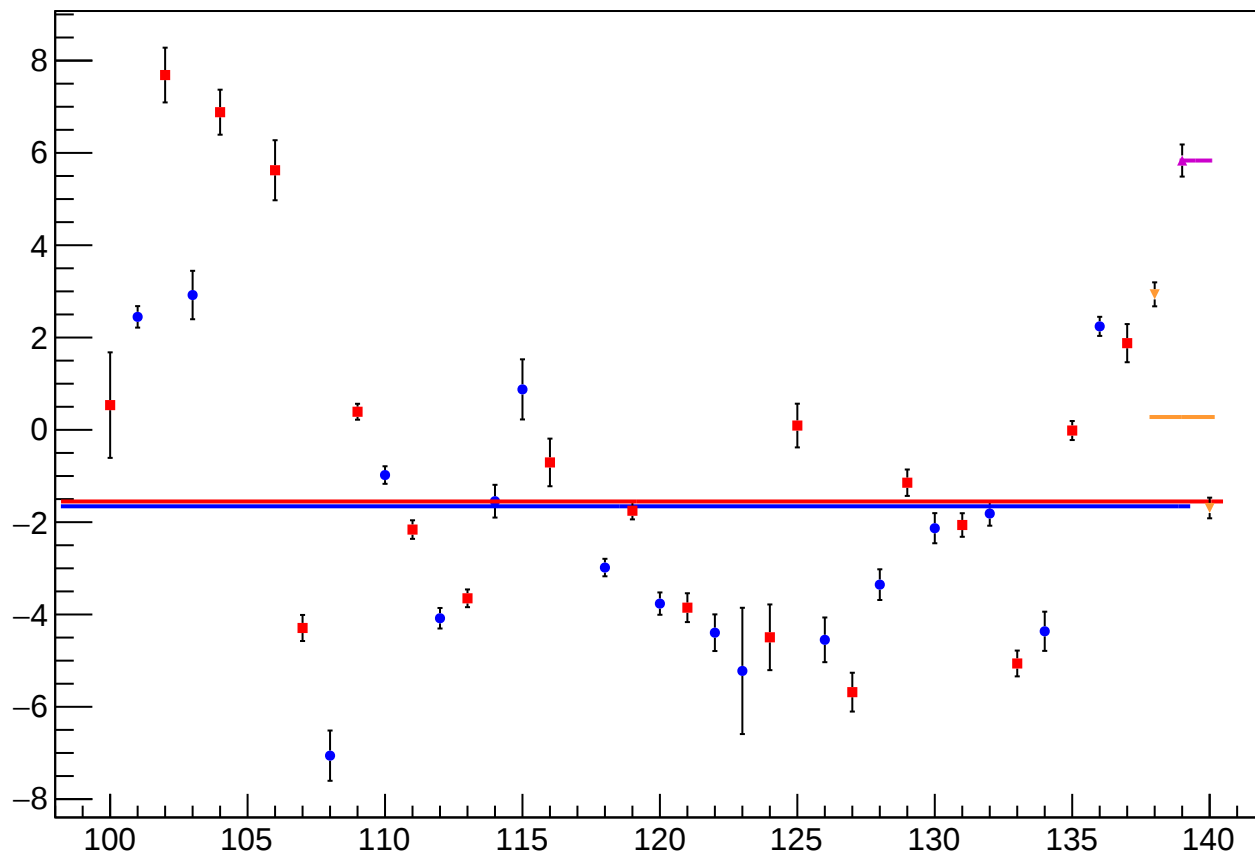
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: -0.505 ± 0.099 χ^2/NDF : 1696.0/17

Out: 0.842 ± 0.085 χ^2/NDF : 5437.1/20

All: 0.272 ± 0.064 χ^2/NDF : 7240.8/38

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: 0.278 ± 0.169 χ^2/NDF : 182.3/1

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: 5.835 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.344 ± 0.152 χ^2/NDF : 388.5/2

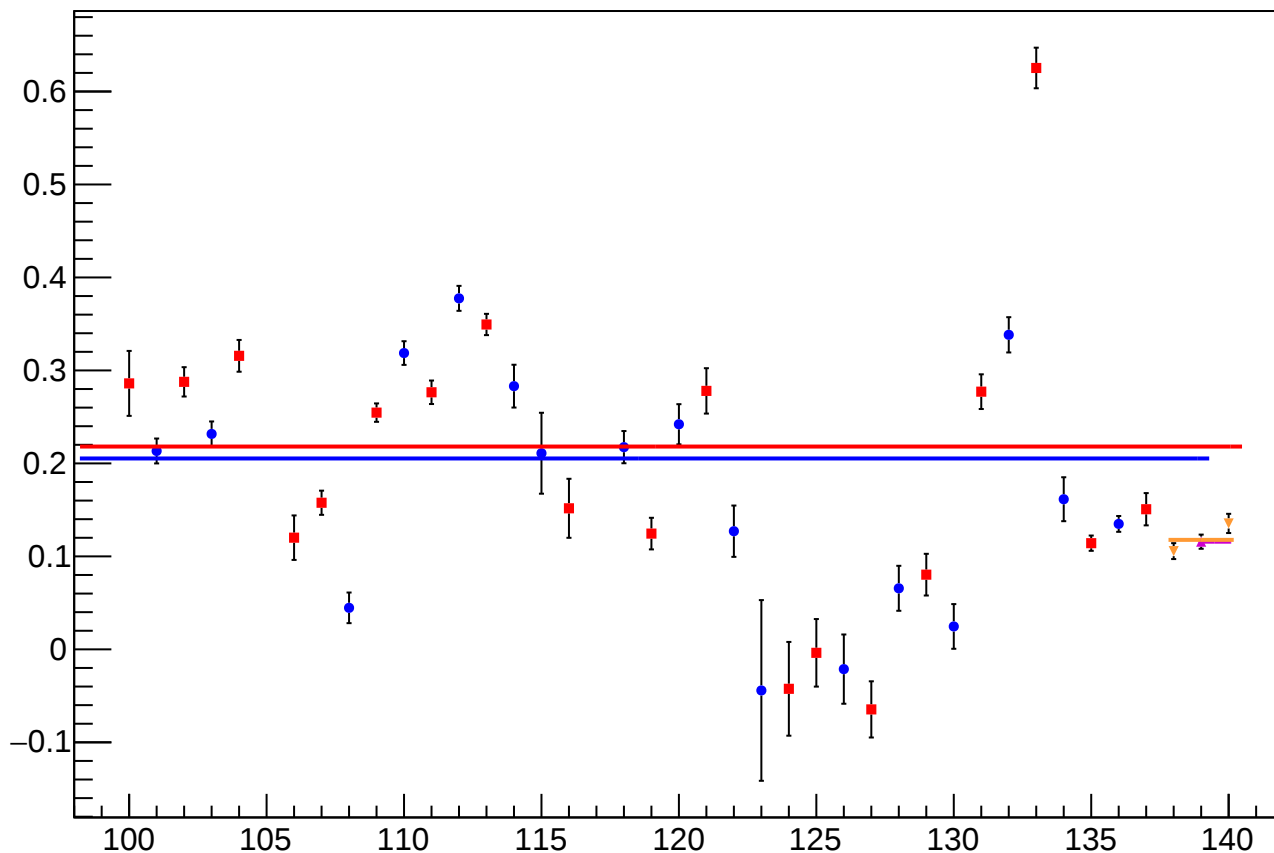
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.361 ± 0.069 χ^2/NDF : 1716.6/17

Out: -1.313 ± 0.061 χ^2/NDF : 1771.7/20

All: -1.334 ± 0.046 χ^2/NDF : 3488.6/38

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.118 $\pm$ 0.007 χ^2 /NDF: 4.9/1

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 5.0/2

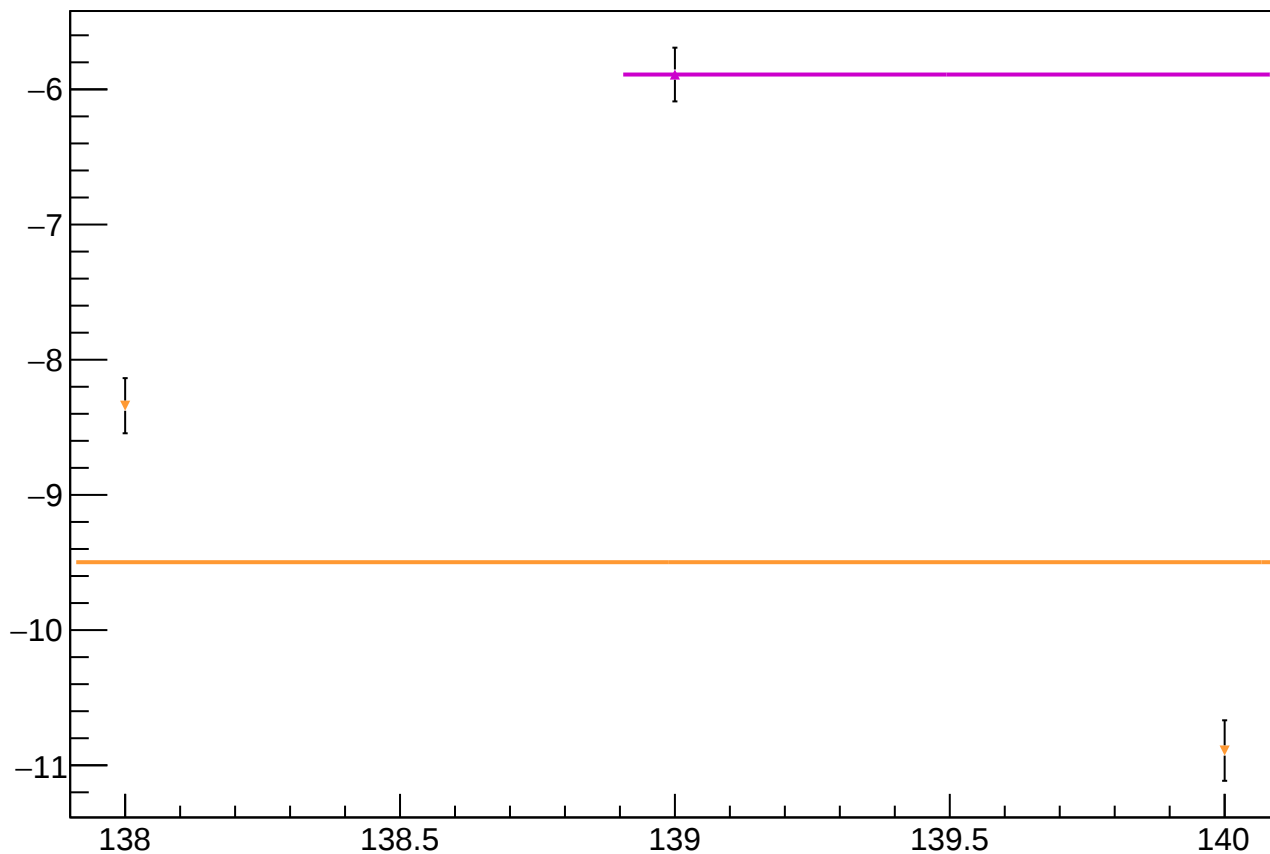
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.185 $\pm$ 0.004 χ^2 /NDF: 726.9/17

Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 1205.0/20

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 1935.4/38

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: -9.498+/-0.151 χ^2/NDF : 71.0/1

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

Left In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Left: -8.180+/-0.120 χ^2/NDF : 280.1/2

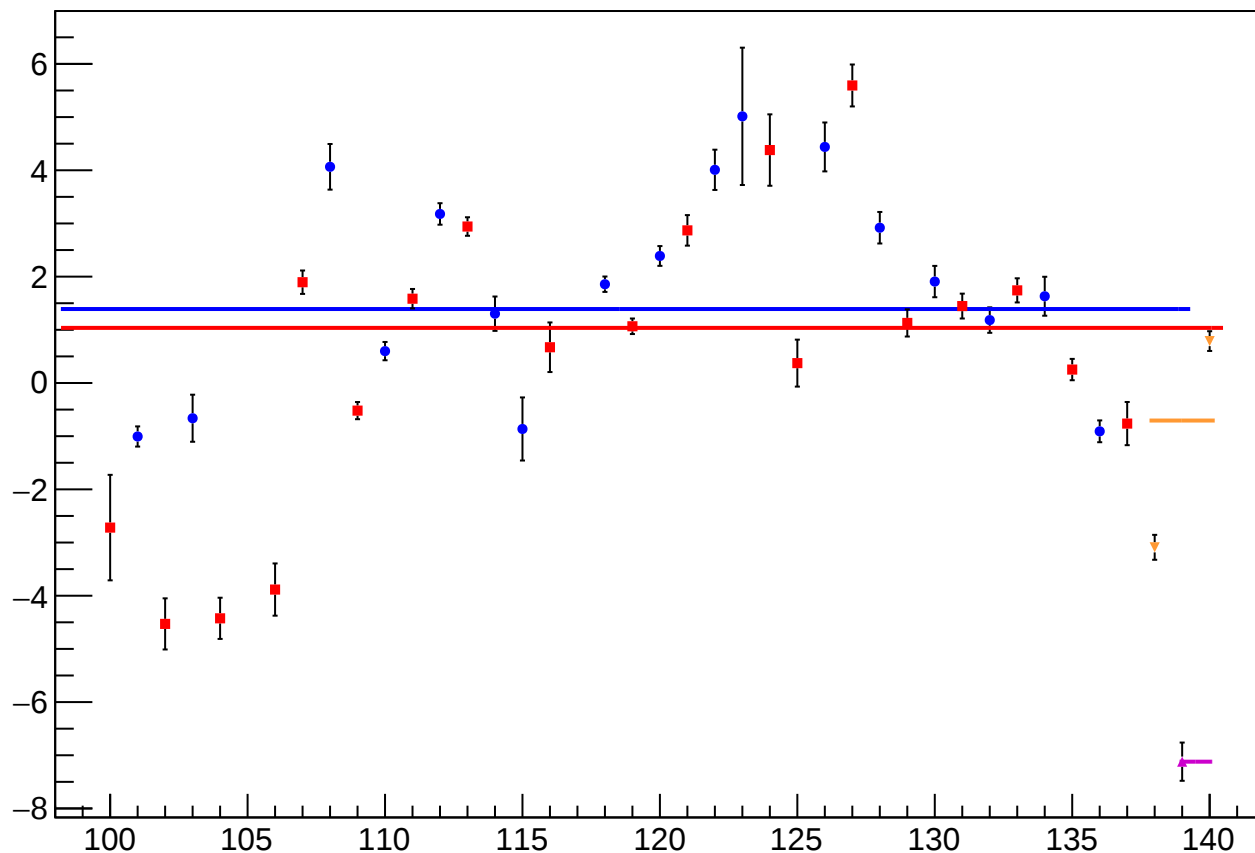
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

All: -8.180+/-0.120 χ^2/NDF : 280.1/2

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: -0.706 ± 0.145 χ^2/NDF : 168.3/1

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: -7.121 ± 0.360 χ^2/NDF : 0.0/0

Left: -1.609 ± 0.135 χ^2/NDF : 441.8/2

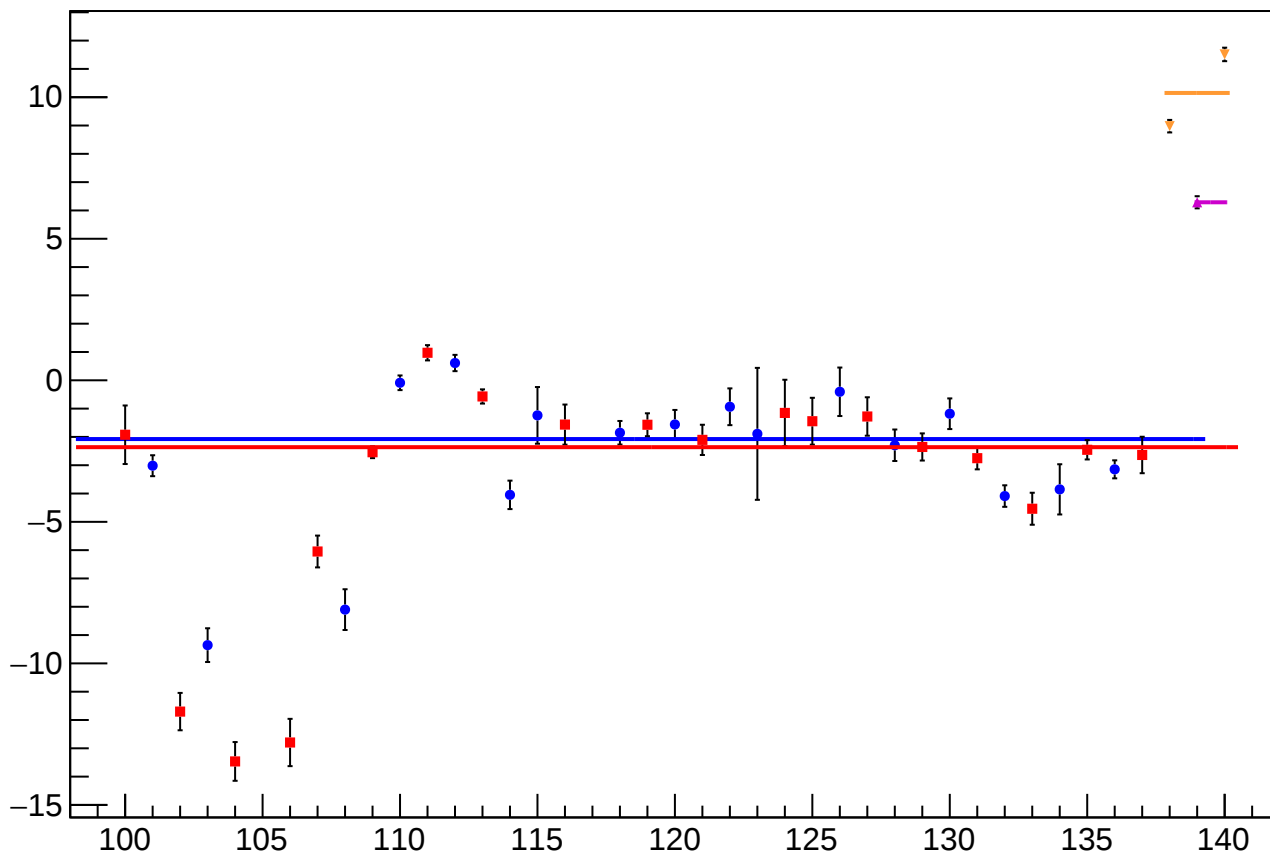
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.153 ± 0.060 χ^2/NDF : 1174.1/17

Out: 0.799 ± 0.054 χ^2/NDF : 1226.3/20

All: 0.956 ± 0.040 χ^2/NDF : 2419.7/38

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: 10.151 ± 0.162 χ^2/NDF : 60.7/1

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 6.288 ± 0.215 χ^2/NDF : 0.0/0

Left: 8.749 ± 0.130 χ^2/NDF : 266.3/2

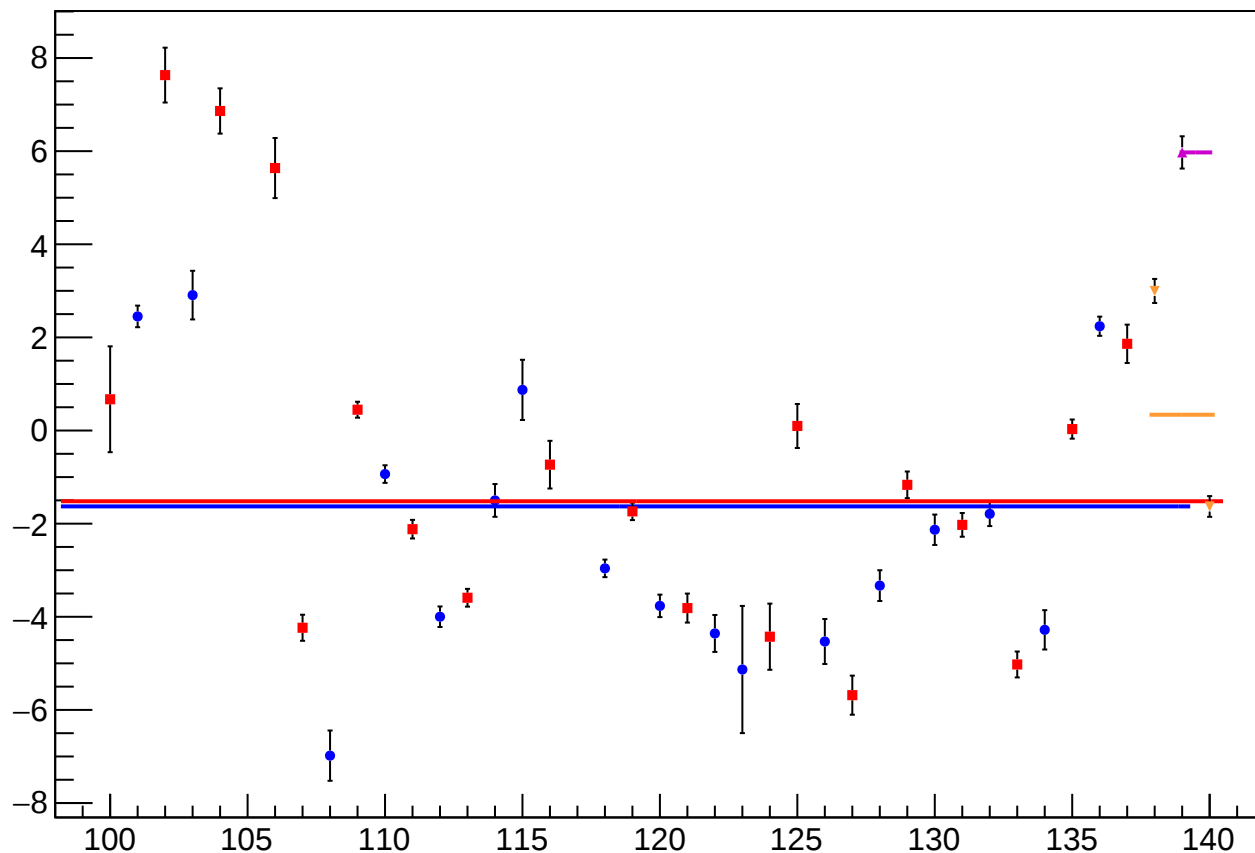
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: -0.333 ± 0.098 χ^2/NDF : 1640.5/17

Out: 0.996 ± 0.084 χ^2/NDF : 5303.2/20

All: 0.433 ± 0.064 χ^2/NDF : 7049.5/38

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: 0.339 ± 0.169 χ^2/NDF : 183.9/1

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: 5.973 ± 0.346 χ^2/NDF : 0.0/0

Left: 1.420 ± 0.152 χ^2/NDF : 397.7/2

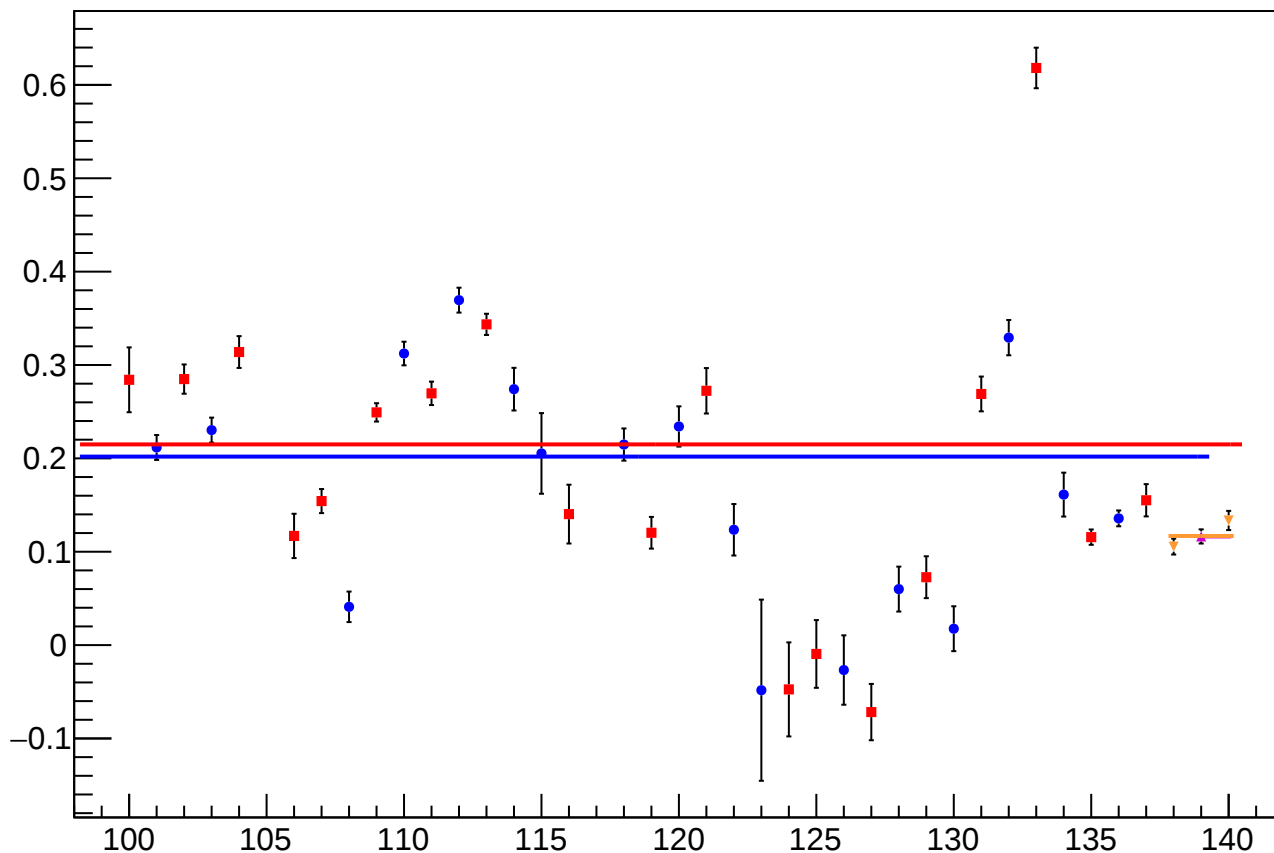
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.330 ± 0.069 χ^2/NDF : 1729.1/17

Out: -1.277 ± 0.061 χ^2/NDF : 1781.3/20

All: -1.300 ± 0.046 χ^2/NDF : 3510.7/38

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.117 $\pm$ 0.007 χ^2 /NDF: 4.4/1

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 4.4/2

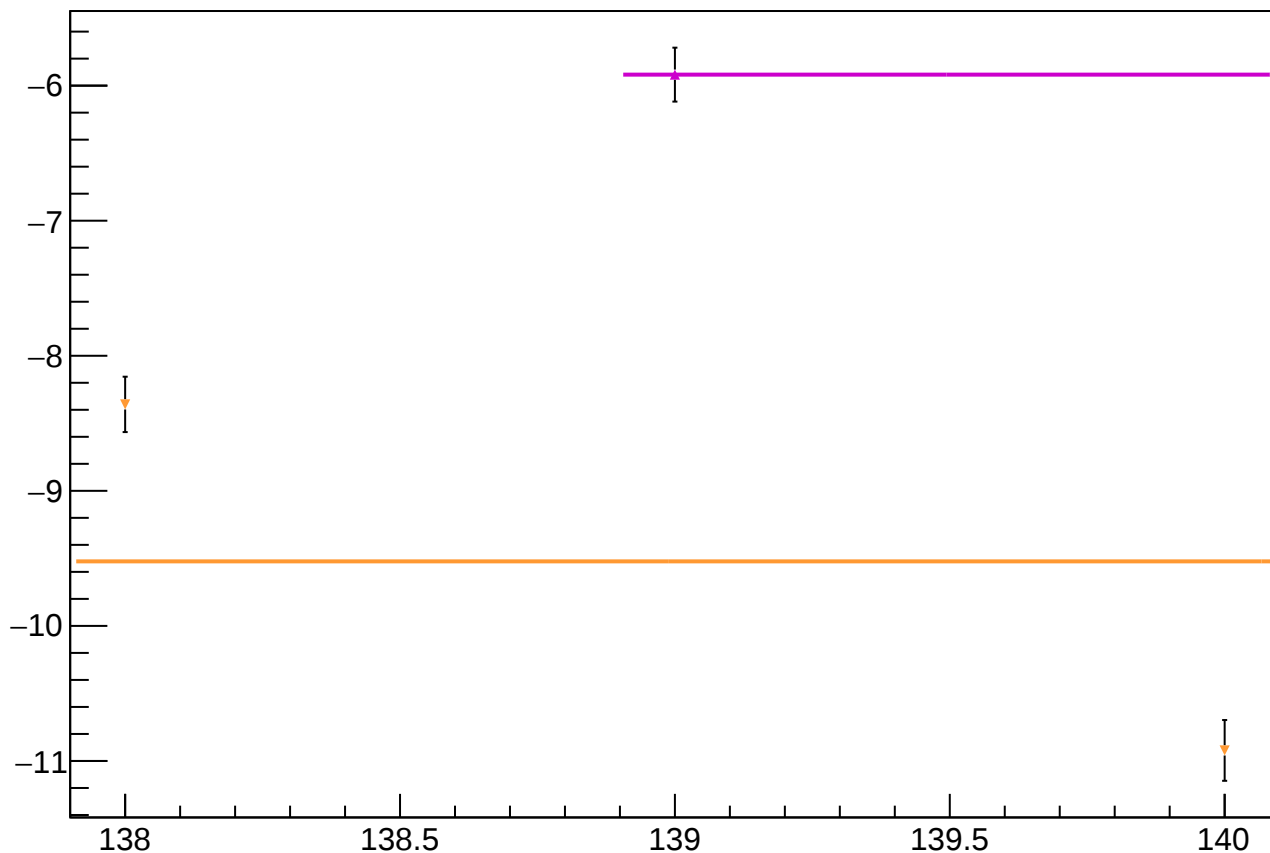
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.182 $\pm$ 0.004 χ^2 /NDF: 702.6/17

Out: 0.192 $\pm$ 0.003 χ^2 /NDF: 1180.4/20

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 1886.5/38

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: -9.522+/-0.152 χ^2/NDF : 70.9/1

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

Left In: -5.919+/-0.200 χ^2/NDF : 0.0/0

Left: -8.205+/-0.121 χ^2/NDF : 277.6/2

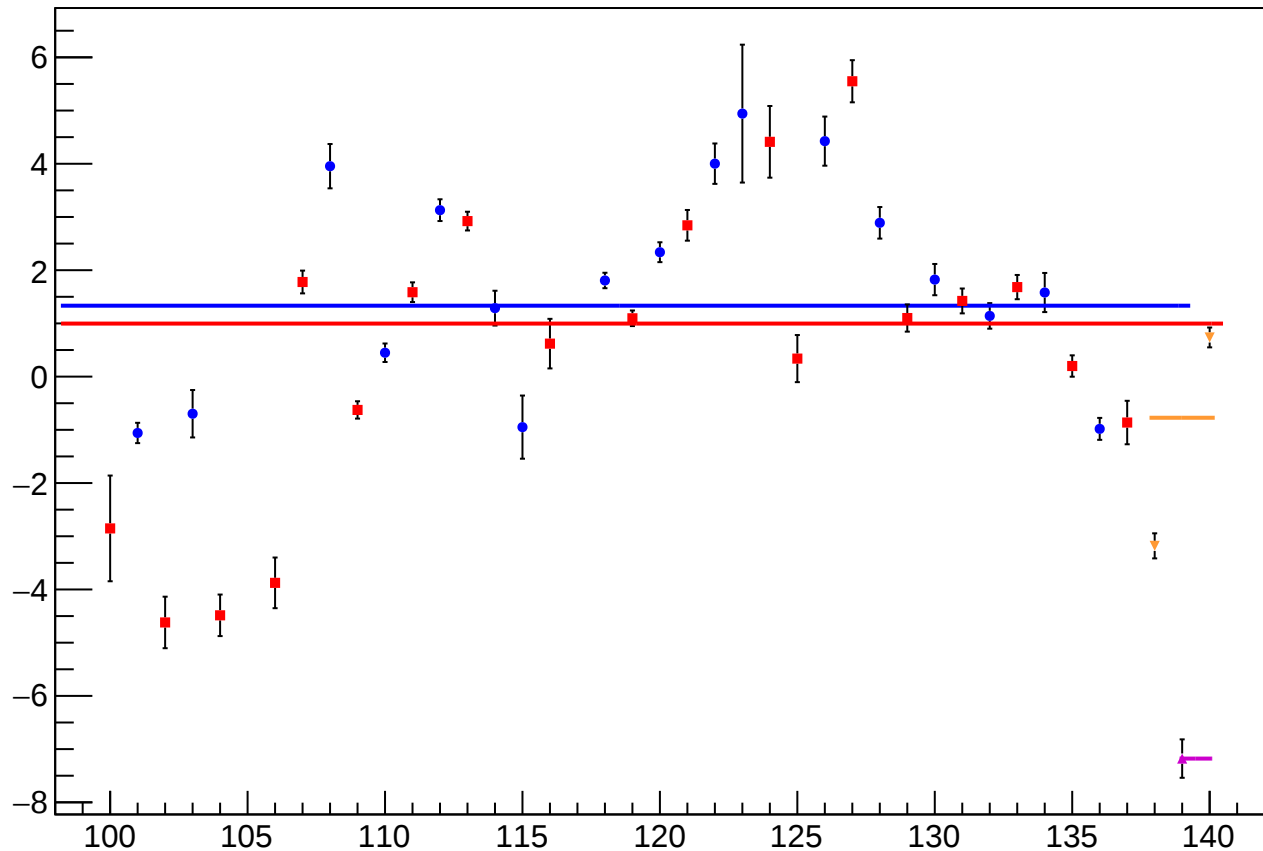
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.919+/-0.200 χ^2/NDF : 0.0/0

Out: -9.522+/-0.152 χ^2/NDF : 70.9/1

All: -8.205+/-0.121 χ^2/NDF : 277.6/2

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: -0.773 ± 0.146 $\chi^2/\text{NDF}: 169.9/1$

Right Out: 0.997 ± 0.058 $\chi^2/\text{NDF}: 945.3/18$

Left In: -7.178 ± 0.361 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.675 ± 0.136 $\chi^2/\text{NDF}: 440.2/2$

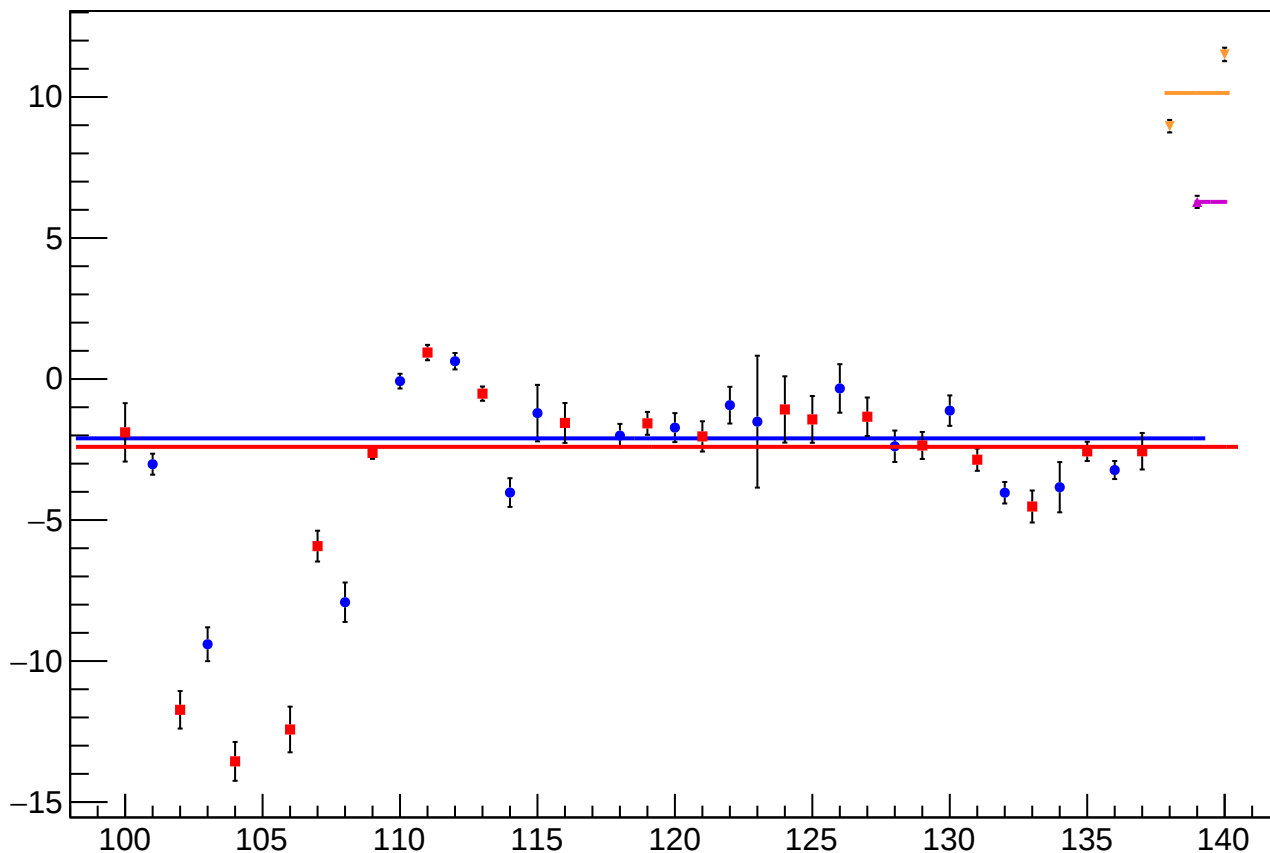
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 1.095 ± 0.060 $\chi^2/\text{NDF}: 1174.5/17$

Out: 0.756 ± 0.054 $\chi^2/\text{NDF}: 1241.9/20$

All: 0.907 ± 0.040 $\chi^2/\text{NDF}: 2434.0/38$

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: 10.144 ± 0.163 χ^2/NDF : 60.5/1

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 6.282 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.741 ± 0.130 χ^2/NDF : 264.1/2

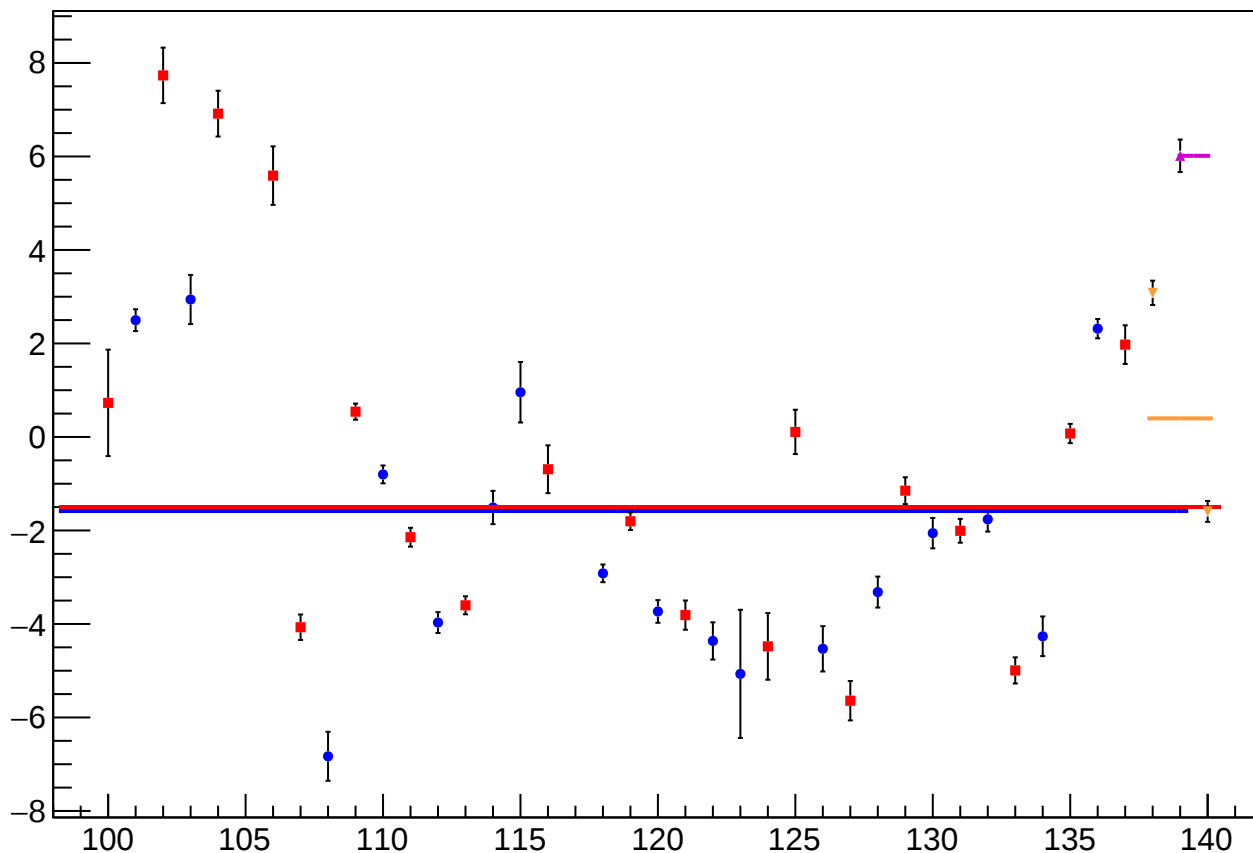
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: -0.355 ± 0.099 χ^2/NDF : 1633.3/17

Out: 0.962 ± 0.084 χ^2/NDF : 5278.3/20

All: 0.405 ± 0.064 χ^2/NDF : 7014.4/38

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: 0.397 ± 0.170 χ^2/NDF : 185.8/1

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: 6.014 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.476 ± 0.152 χ^2/NDF : 396.4/2

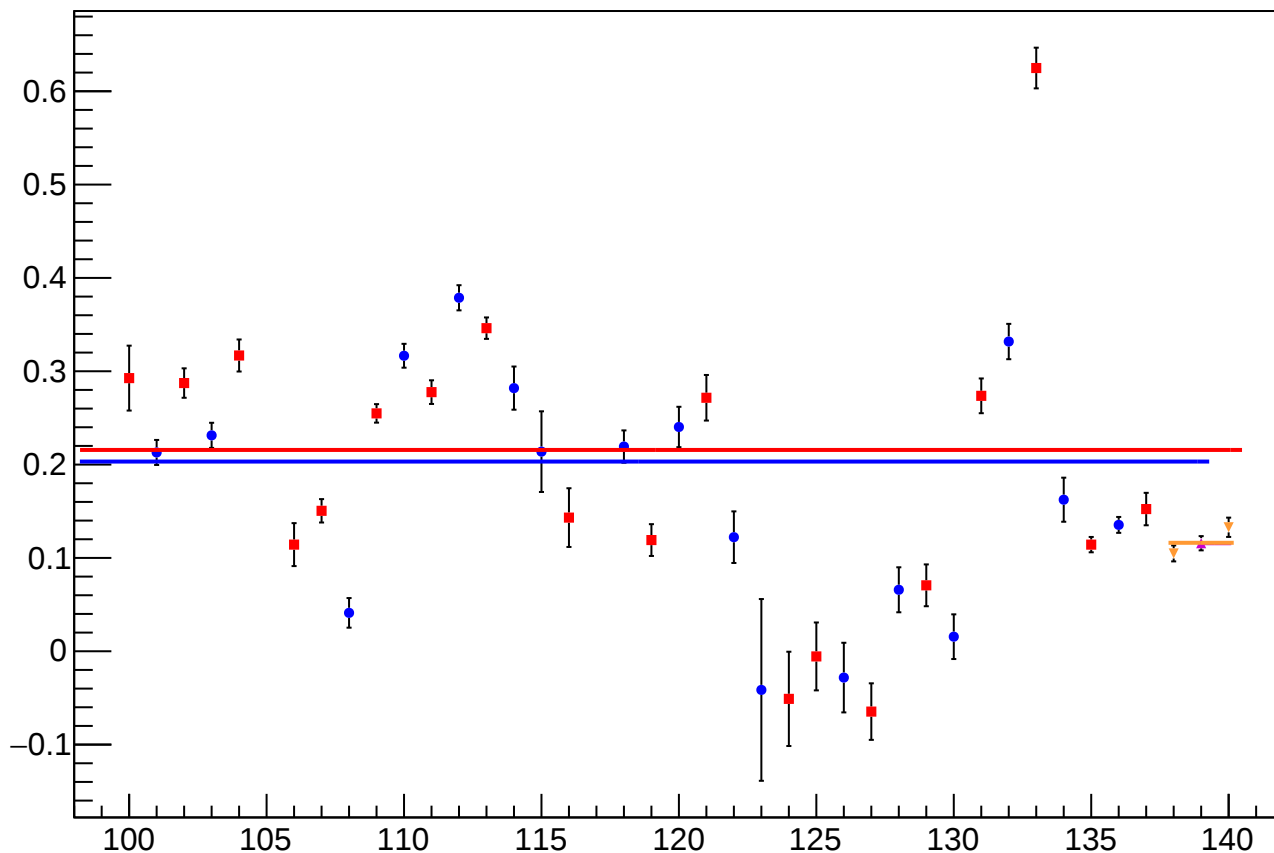
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.285 ± 0.069 χ^2/NDF : 1730.3/17

Out: -1.252 ± 0.061 χ^2/NDF : 1798.3/20

All: -1.266 ± 0.046 χ^2/NDF : 3528.7/38

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: 0.116 $\pm$ 0.007 χ^2/NDF : 4.4/1

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1037.9/18

Left In: 0.116 $\pm$ 0.008 χ^2/NDF : 0.0/0

Left: 0.116 $\pm$ 0.005 χ^2/NDF : 4.4/2

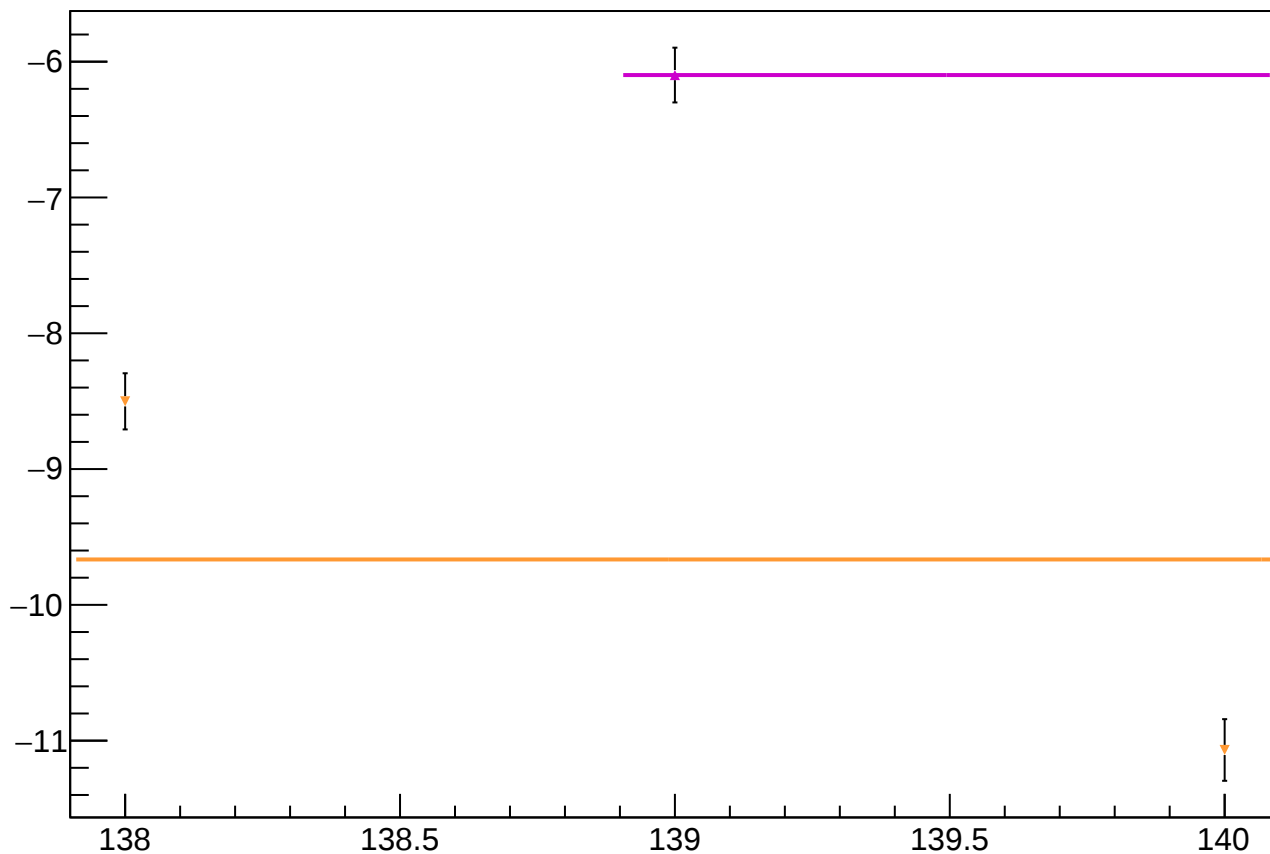
Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1675.8/35

In: 0.183 $\pm$ 0.004 χ^2/NDF : 734.5/17

Out: 0.192 $\pm$ 0.003 χ^2/NDF : 1216.1/20

All: 0.188 $\pm$ 0.002 χ^2/NDF : 1953.8/38

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: -9.666+/-0.153 χ^2/NDF : 69.9/1

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

Left In: -6.099+/-0.202 χ^2/NDF : 0.0/0

Left: -8.364+/-0.122 χ^2/NDF : 268.6/2

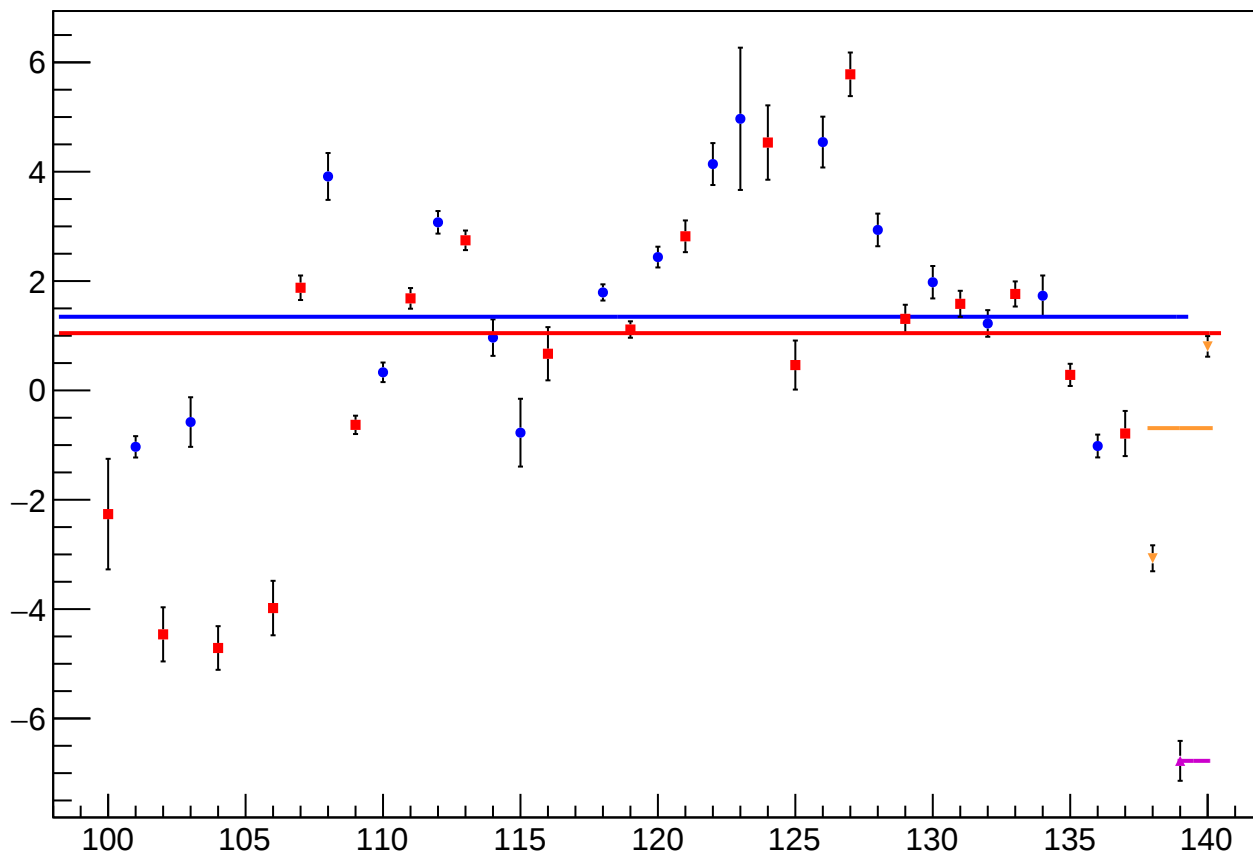
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.099+/-0.202 χ^2/NDF : 0.0/0

Out: -9.666+/-0.153 χ^2/NDF : 69.9/1

All: -8.364+/-0.122 χ^2/NDF : 268.6/2

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: -0.690 ± 0.147 χ^2/NDF : 163.6/1

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: -6.775 ± 0.365 χ^2/NDF : 0.0/0

Left: -1.545 ± 0.137 χ^2/NDF : 402.7/2

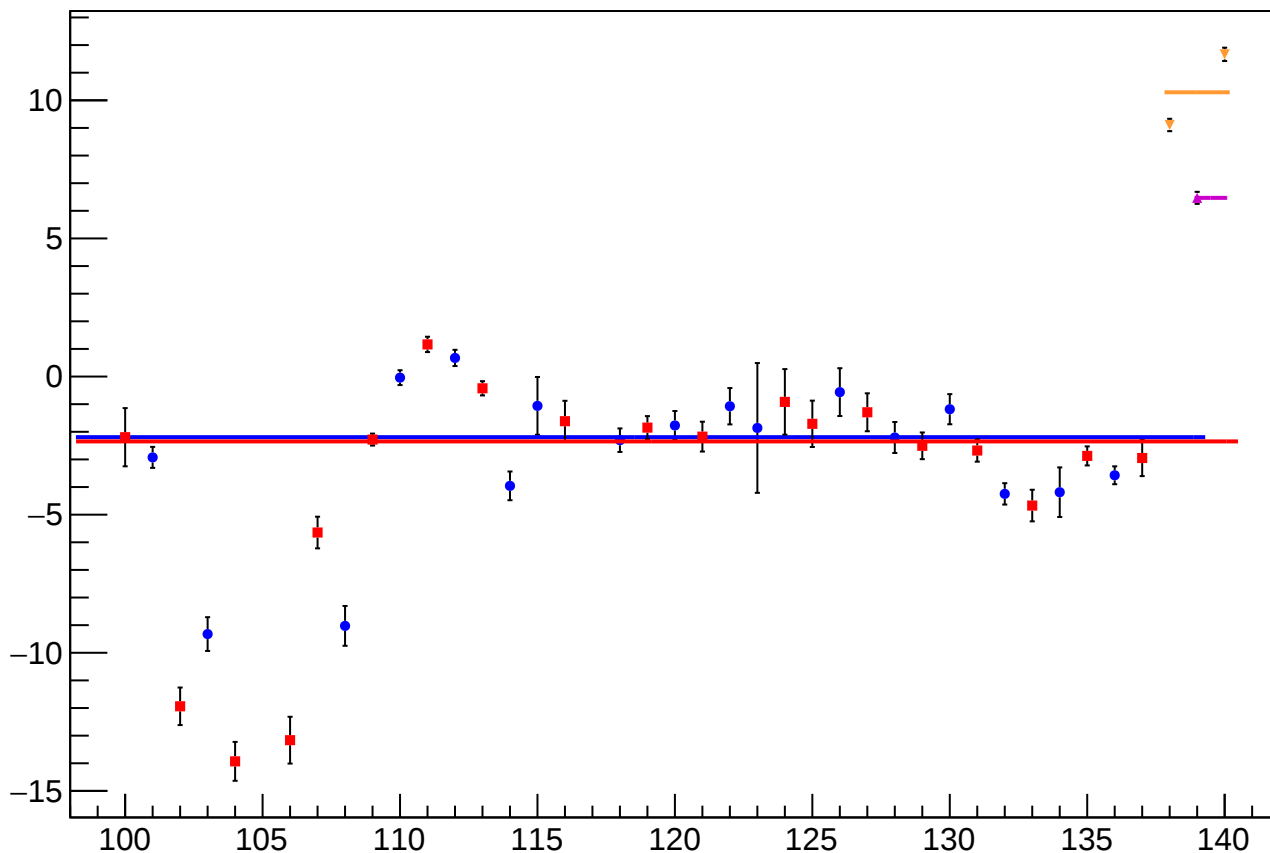
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.117 ± 0.061 χ^2/NDF : 1111.7/17

Out: 0.806 ± 0.055 χ^2/NDF : 1199.1/20

All: 0.945 ± 0.041 χ^2/NDF : 2325.0/38

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194+/-0.113 χ^2/NDF : 463.5/16

Left Out: 10.291+/-0.165 χ^2/NDF : 60.0/1

Right Out: -2.348+/-0.101 χ^2/NDF : 908.5/18

Left In: 6.469+/-0.218 χ^2/NDF : 0.0/0

Left: 8.905+/-0.131 χ^2/NDF : 255.6/2

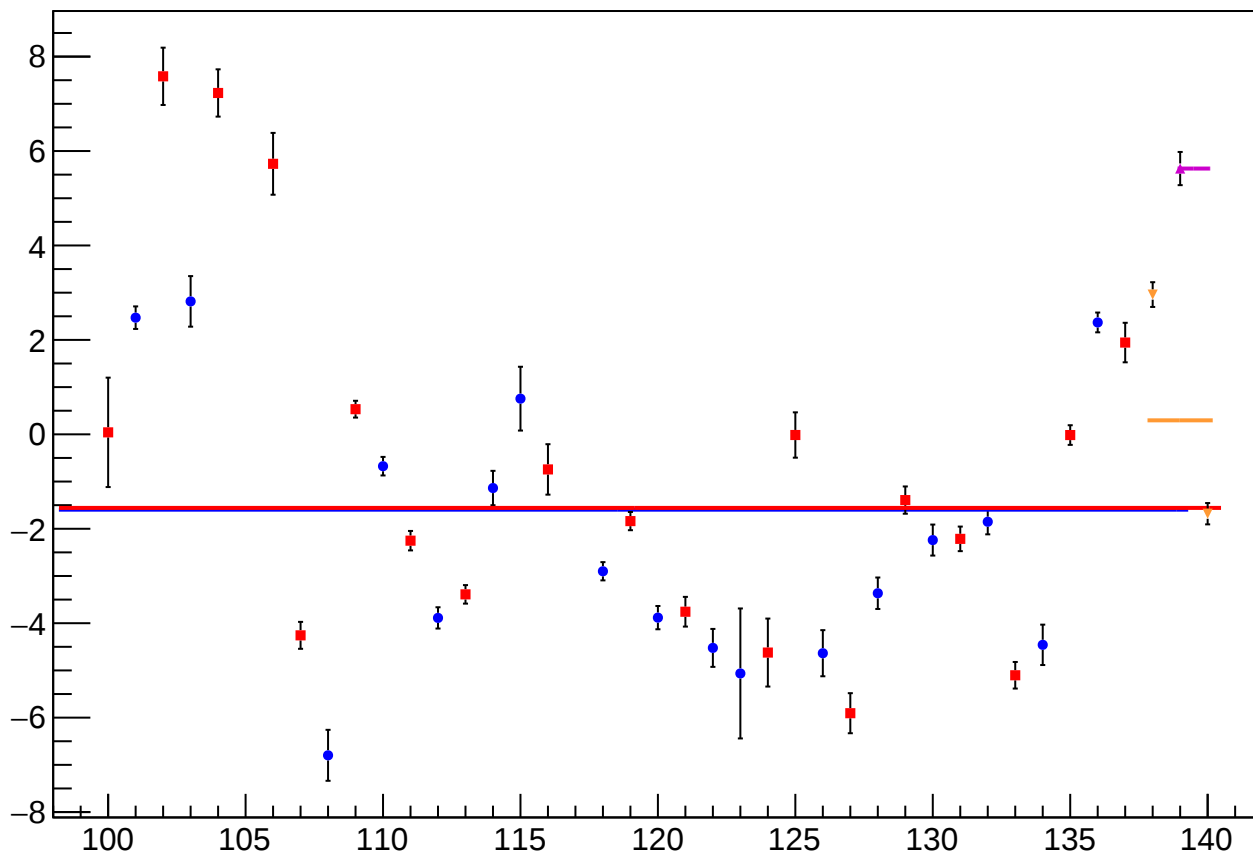
Right: -2.280+/-0.075 χ^2/NDF : 1373.0/35

In: -0.366+/-0.100 χ^2/NDF : 1707.5/17

Out: 1.104+/-0.086 χ^2/NDF : 5256.2/20

All: 0.481+/-0.065 χ^2/NDF : 7087.5/38

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: 0.296 ± 0.171 χ^2/NDF : 180.0/1

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: 5.629 ± 0.352 χ^2/NDF : 0.0/0

Left: 1.317 ± 0.154 χ^2/NDF : 366.0/2

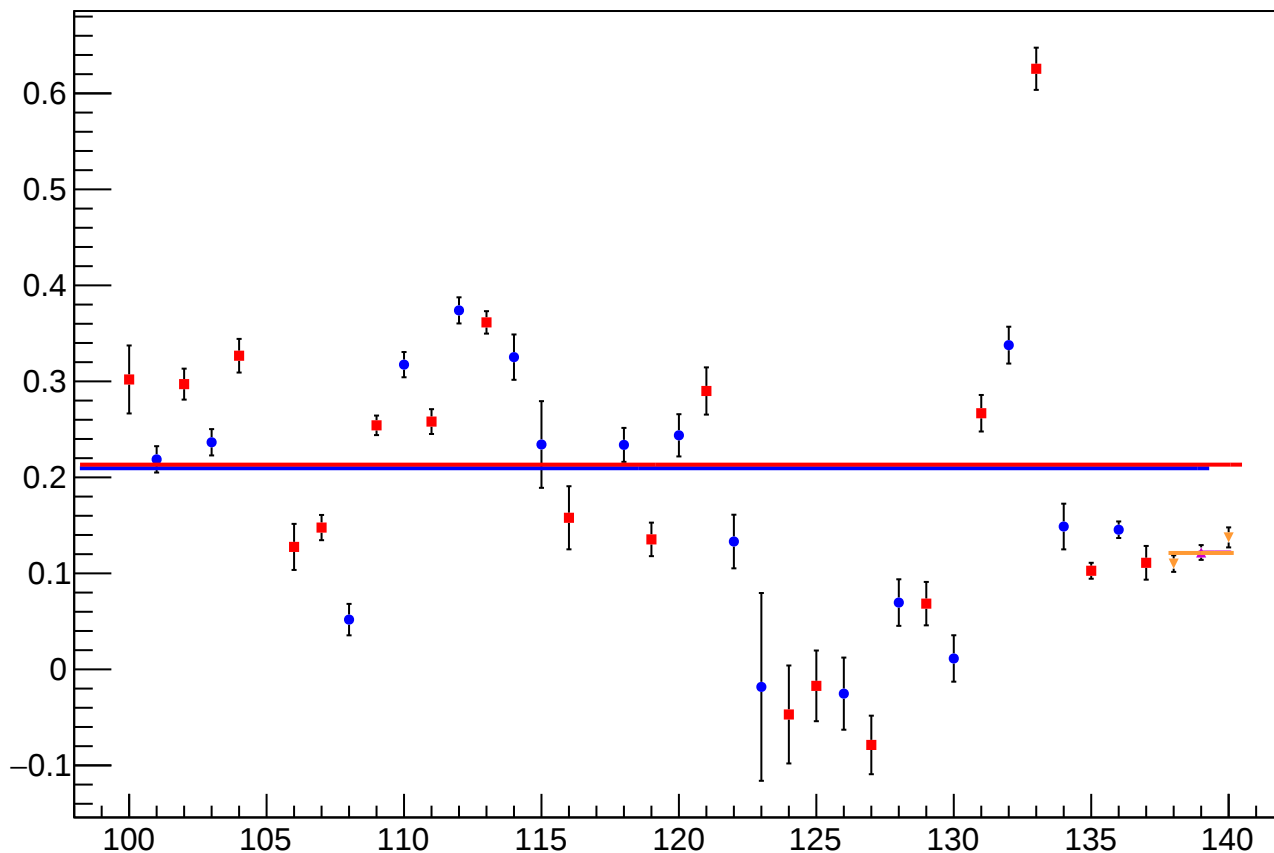
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.307 ± 0.070 χ^2/NDF : 1660.9/17

Out: -1.312 ± 0.062 χ^2/NDF : 1745.7/20

All: -1.310 ± 0.047 χ^2/NDF : 3406.6/38

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.121 ± 0.007 $\chi^2/\text{NDF}: 4.1/1$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.122 ± 0.008 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.121 ± 0.005 $\chi^2/\text{NDF}: 4.1/2$

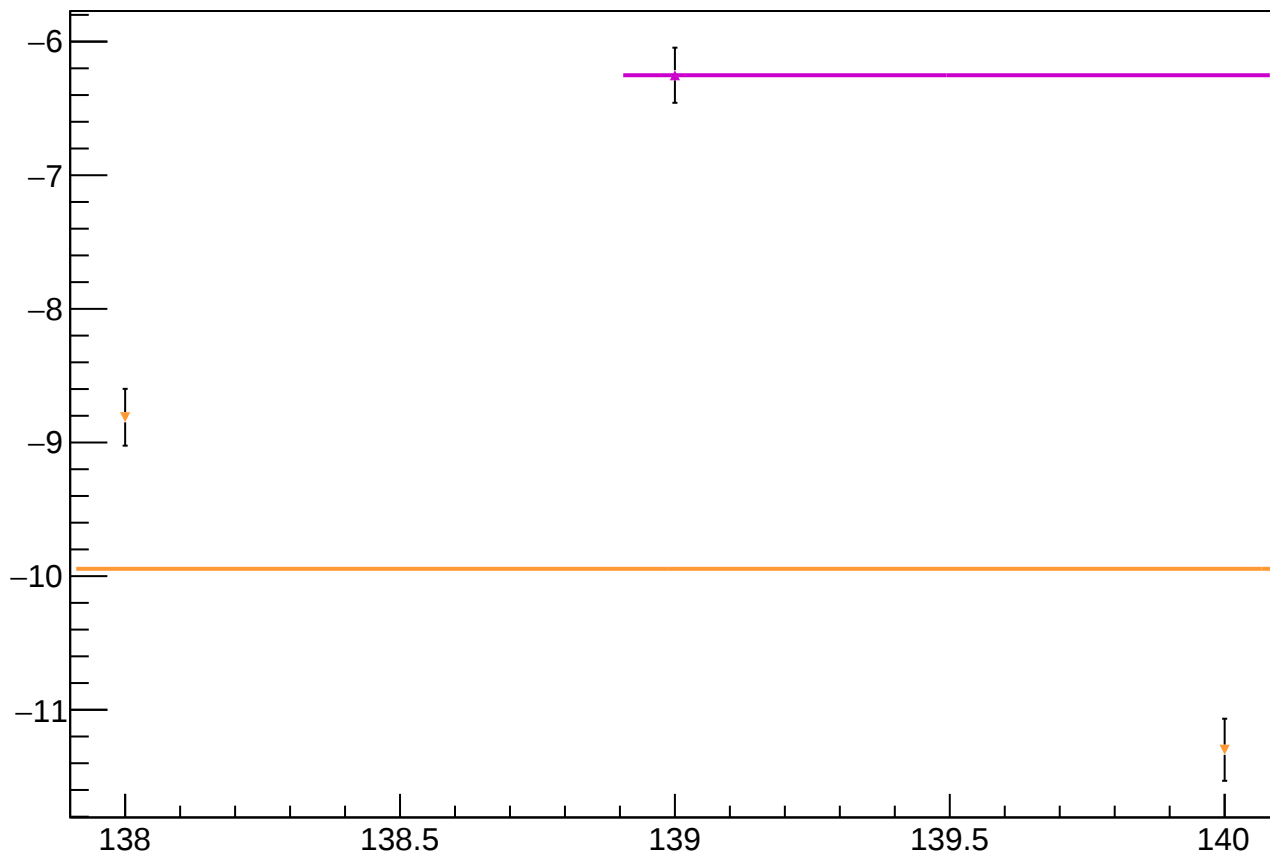
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.189 ± 0.004 $\chi^2/\text{NDF}: 697.6/17$

Out: 0.191 ± 0.003 $\chi^2/\text{NDF}: 1252.5/20$

All: 0.190 ± 0.002 $\chi^2/\text{NDF}: 1950.3/38$

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: -9.945+/-0.157 χ^2/NDF : 62.4/1

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

Left In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Left: -8.592+/-0.125 χ^2/NDF : 265.6/2

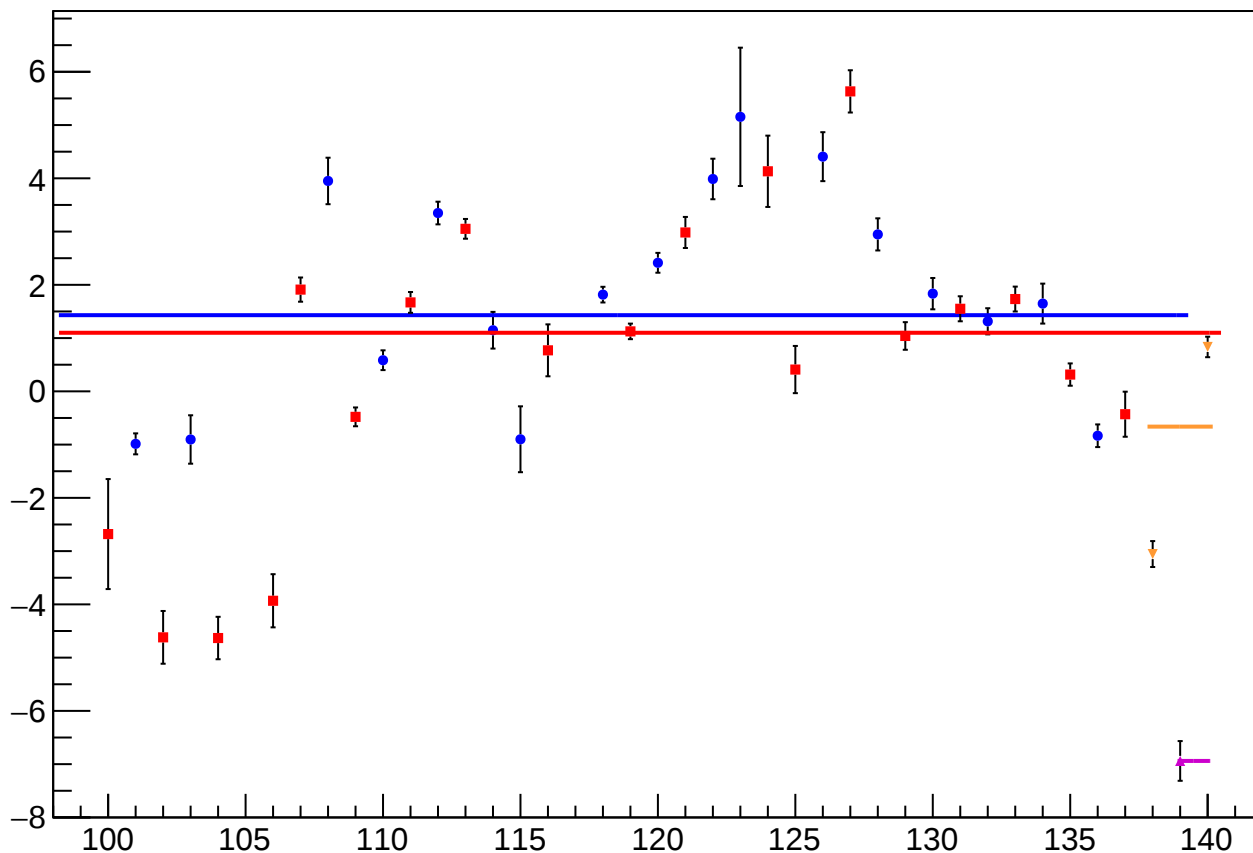
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

All: -8.592+/-0.125 χ^2/NDF : 265.6/2

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: -0.662 ± 0.151 χ^2/NDF : 156.9/1

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: -6.940 ± 0.373 χ^2/NDF : 0.0/0

Left: -1.547 ± 0.140 χ^2/NDF : 400.3/2

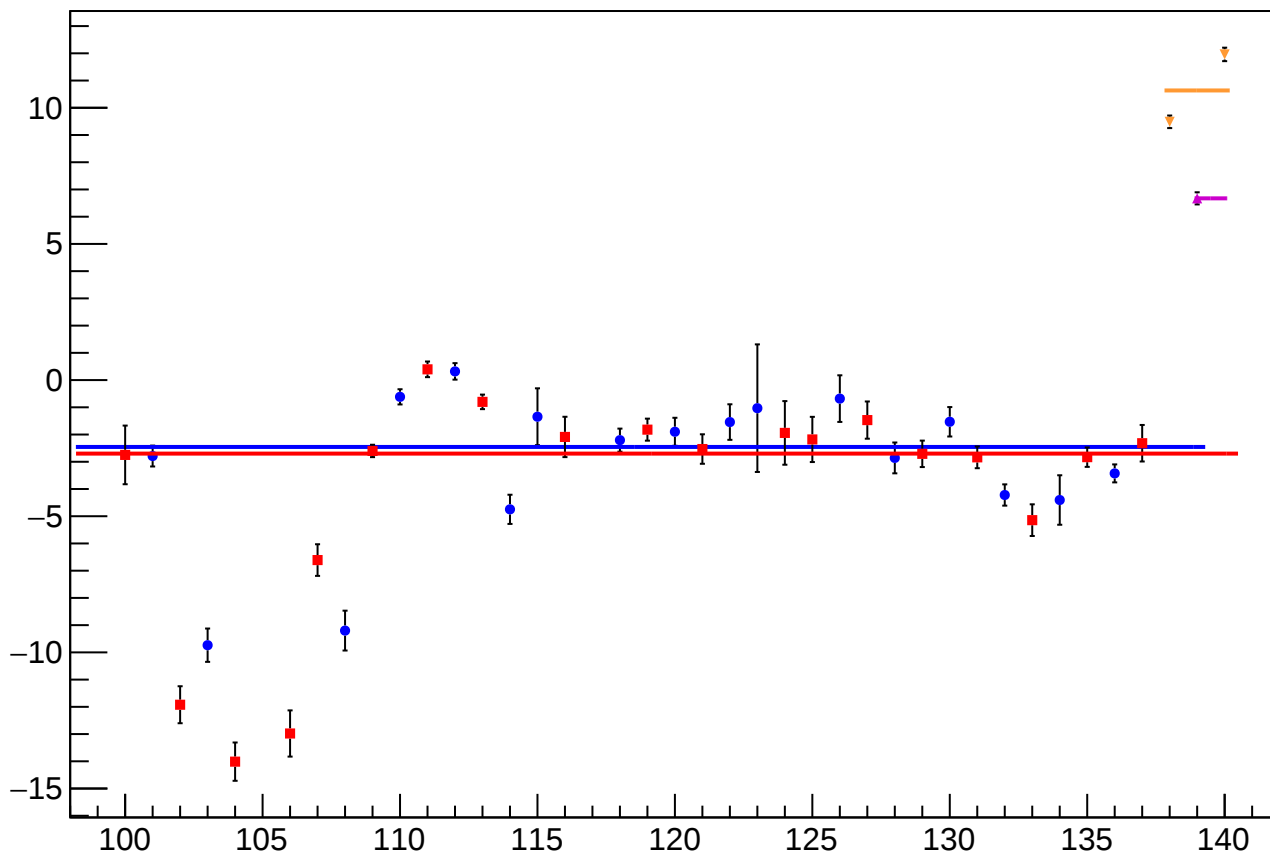
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.199 ± 0.062 χ^2/NDF : 1087.8/17

Out: 0.860 ± 0.056 χ^2/NDF : 1175.5/20

All: 1.012 ± 0.041 χ^2/NDF : 2280.0/38

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 10.636 ± 0.169 $\chi^2/\text{NDF}: 53.5/1$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 6.674 ± 0.223 $\chi^2/\text{NDF}: 0.0/0$

Left: 9.194 ± 0.135 $\chi^2/\text{NDF}: 254.0/2$

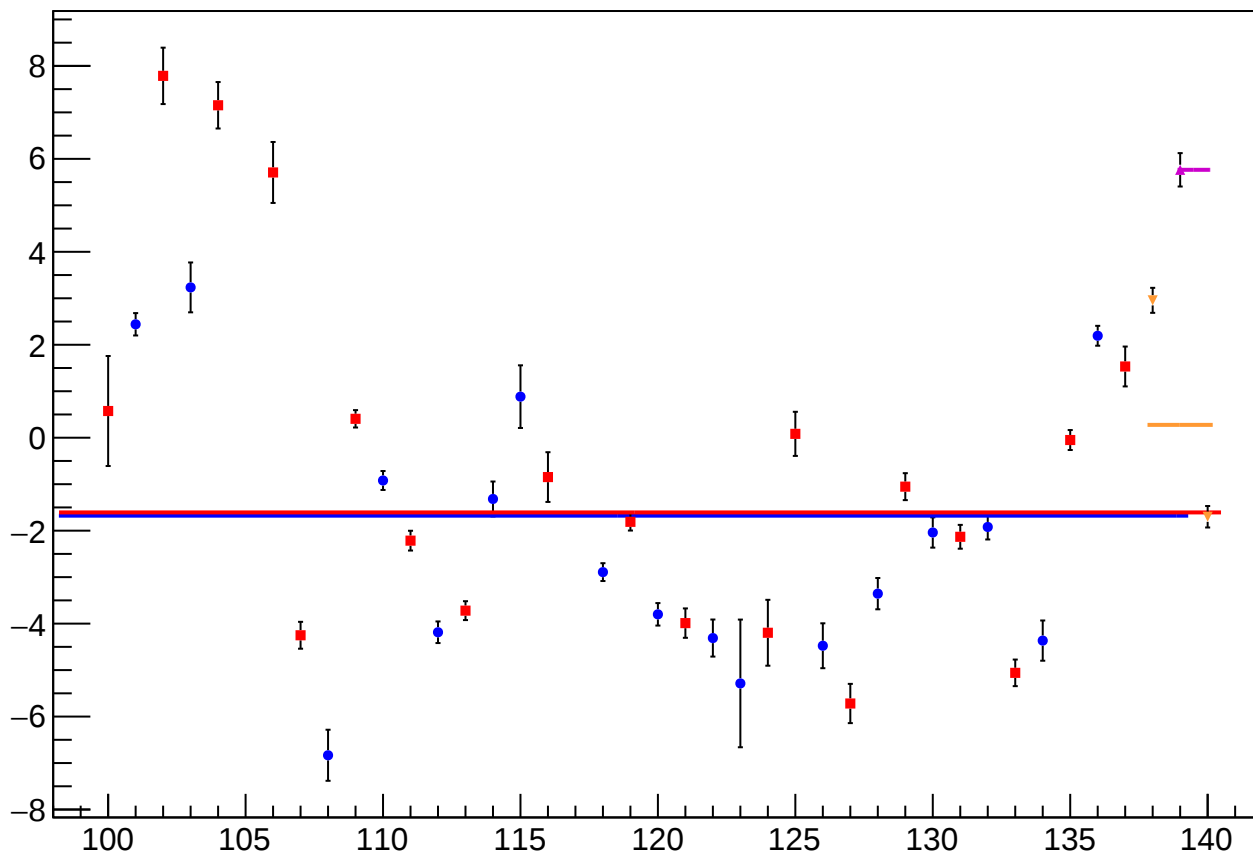
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: -0.552 ± 0.102 $\chi^2/\text{NDF}: 1743.6/17$

Out: 0.922 ± 0.088 $\chi^2/\text{NDF}: 5429.0/20$

All: 0.293 ± 0.067 $\chi^2/\text{NDF}: 7292.5/38$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: 0.276 ± 0.175 $\chi^2/\text{NDF}: 172.5/1$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: 5.764 ± 0.359 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.331 ± 0.158 $\chi^2/\text{NDF}: 361.0/2$

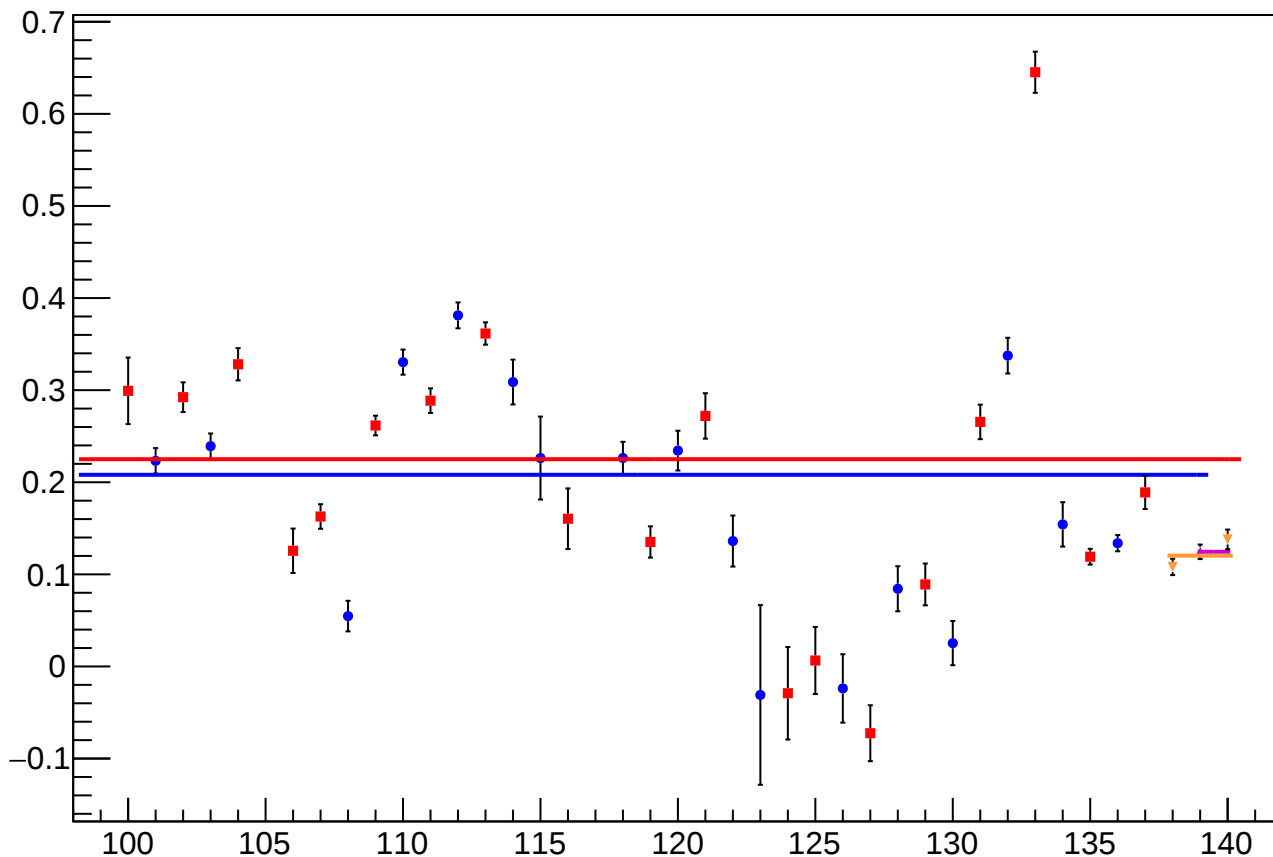
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.386 ± 0.071 $\chi^2/\text{NDF}: 1616.9/17$

Out: -1.362 ± 0.063 $\chi^2/\text{NDF}: 1703.7/20$

All: -1.373 ± 0.047 $\chi^2/\text{NDF}: 3320.7/38$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.120 $\pm$ 0.007 χ^2 /NDF: 4.6/1

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.124 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.122 $\pm$ 0.005 χ^2 /NDF: 4.8/2

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.189 $\pm$ 0.004 χ^2 /NDF: 687.4/17

Out: 0.200 $\pm$ 0.003 χ^2 /NDF: 1183.7/20

All: 0.195 $\pm$ 0.002 χ^2 /NDF: 1875.7/38