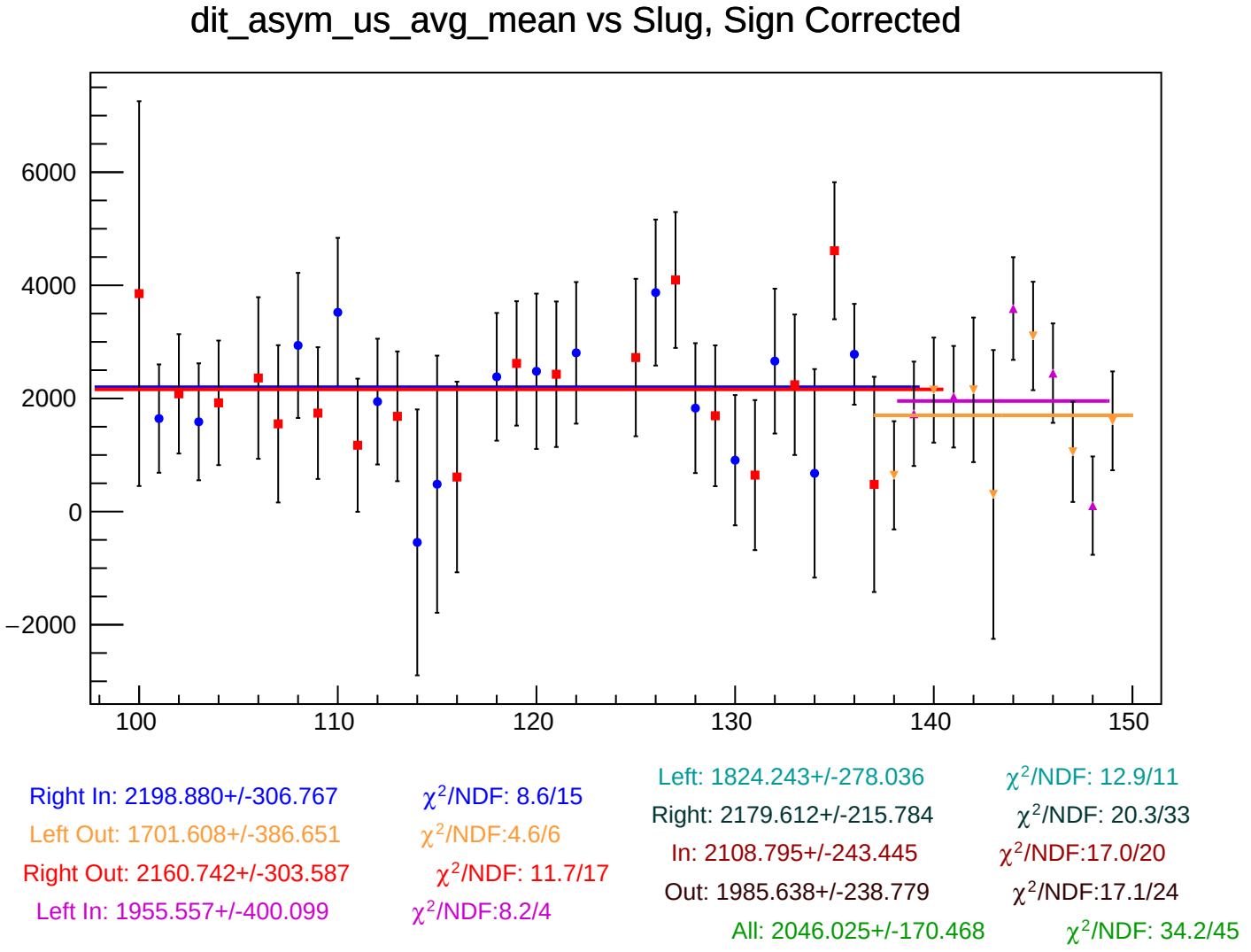
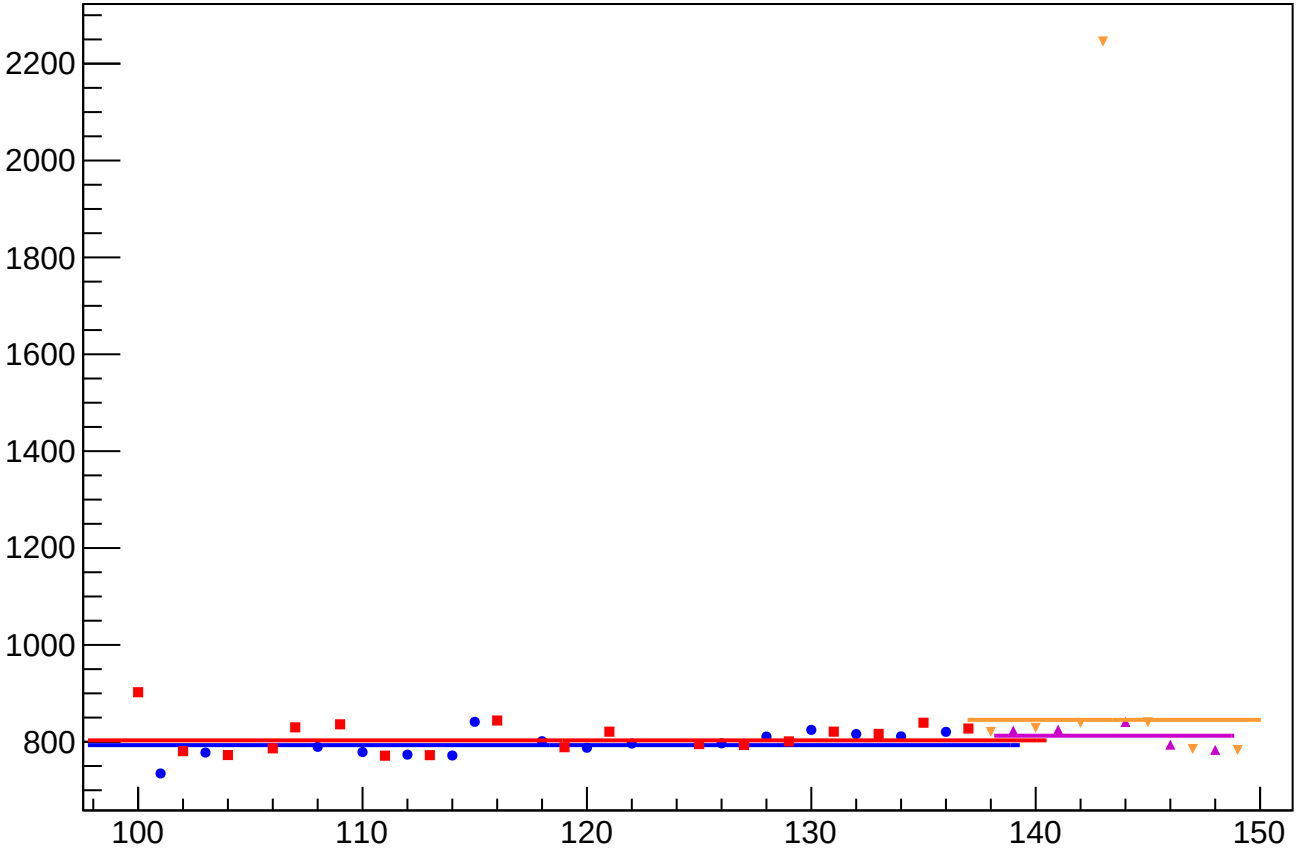

dit_asym_us_avg_mean vs Slug, Sign Corrected
6000
4000
2000
0
−2000
100
110
120
130
140
150
Right In: 2198.880+/-306.767
χ²/NDF: 8.6/15
Left Out: 1701.608+/-386.651
χ²/NDF:4.6/6
Right Out: 2160.742+/-303.587
χ²/NDF: 11.7/17
Left In: 1955.557+/-400.099
χ²/NDF:8.2/4
Left: 1824.243+/-278.036
χ²/NDF: 12.9/11
Right: 2179.612+/-215.784
χ²/NDF: 20.3/33
In: 2108.795+/-243.445
χ²/NDF:17.0/20
Out: 1985.638+/-238.779
χ²/NDF:17.1/24
All: 2046.025+/-170.468
χ²/NDF: 34.2/45

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 845.338+/-0.273 χ^2/NDF:623228.6/6

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

Left In: 812.571+/-0.283 χ^2/NDF:5756.7/4

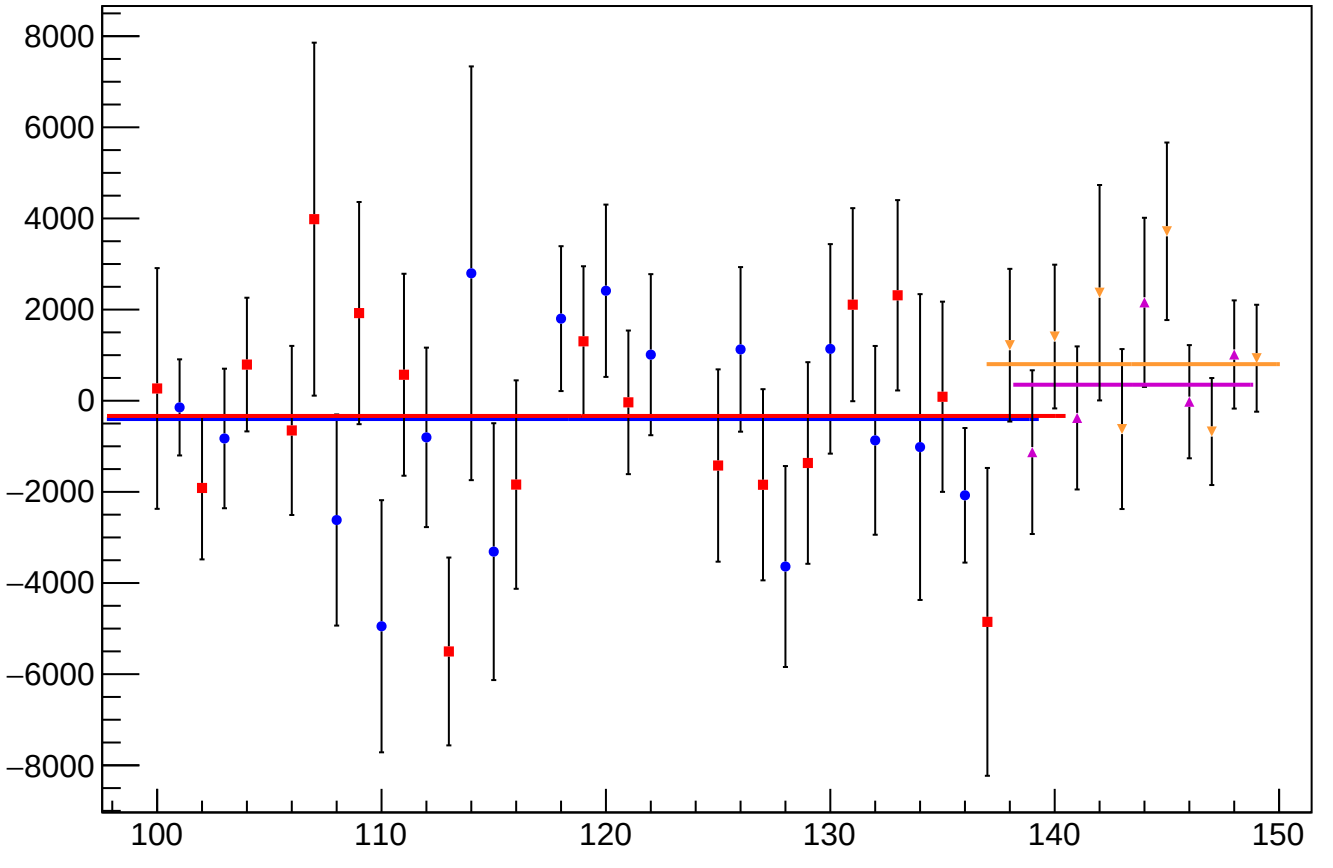
Left: 829.515+/-0.197 χ^2/NDF: 635922.1/11

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

In: 800.303+/-0.172 χ^2/NDF:23445.5/20

Out: 819.114+/-0.169 χ^2/NDF:652546.9/24

All: 809.890+/-0.121 χ^2/NDF: 682078.5/45



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

Left Out: 802.849+/-579.550 χ^2/NDF:5.1/6

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

Left In: 351.358+/-650.425 χ^2/NDF:2.2/4

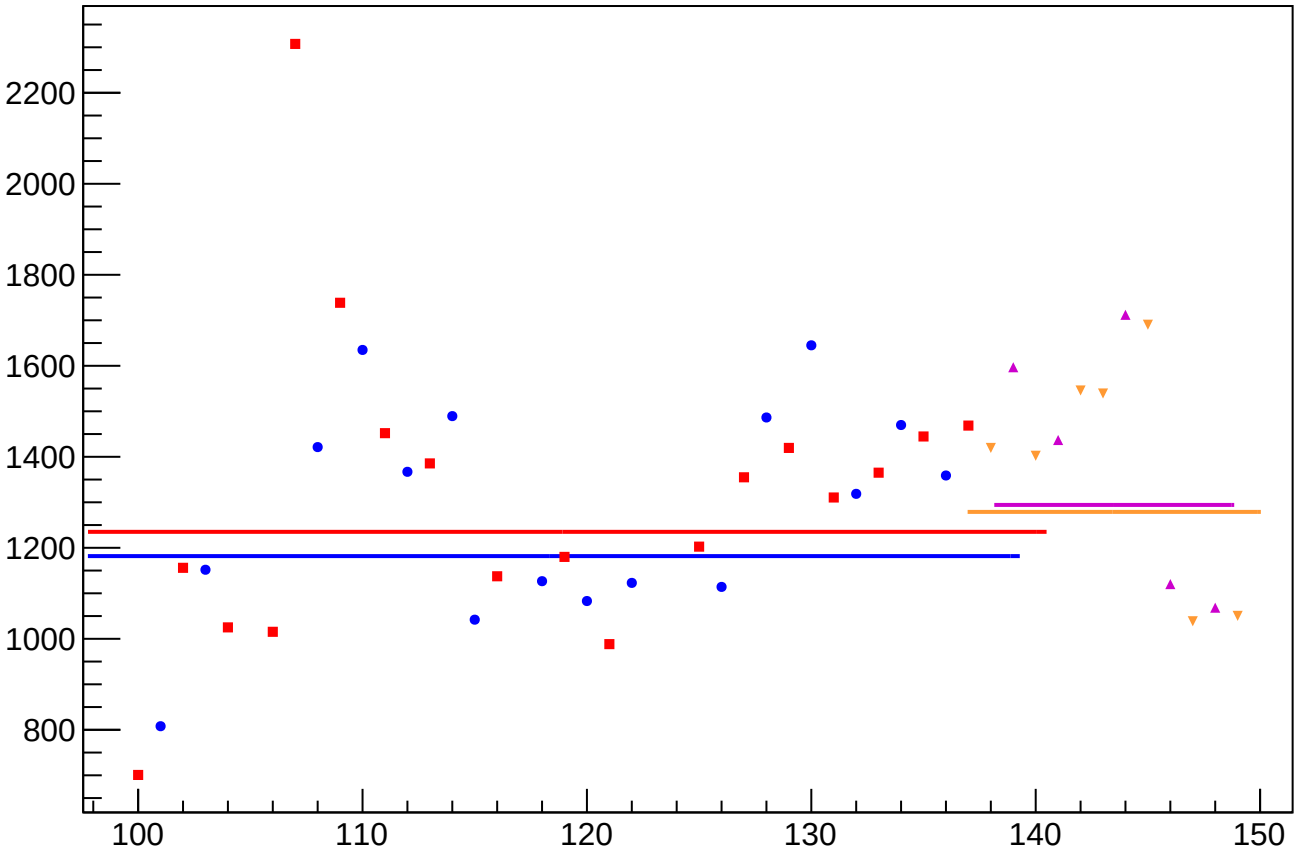
Left: 603.033+/-432.700 χ^2/NDF: 7.7/11

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

In: -144.179+/-380.240 χ^2/NDF:17.9/20

Out: 126.803+/-368.975 χ^2/NDF:24.9/24

All: -4.614+/-264.798 χ^2/NDF: 43.1/45



Right In: 1181.767+/-0.331 χ^2/NDF: 543493.3/15

Left Out: 1278.915+/-0.410 χ^2/NDF:344638.8/6

Right Out: 1235.094+/-0.338 χ^2/NDF: 540252.3/17

Left In: 1294.244+/-0.460 χ^2/NDF:286270.3/4

Left: 1285.699+/-0.306 χ^2/NDF: 631528.3/11

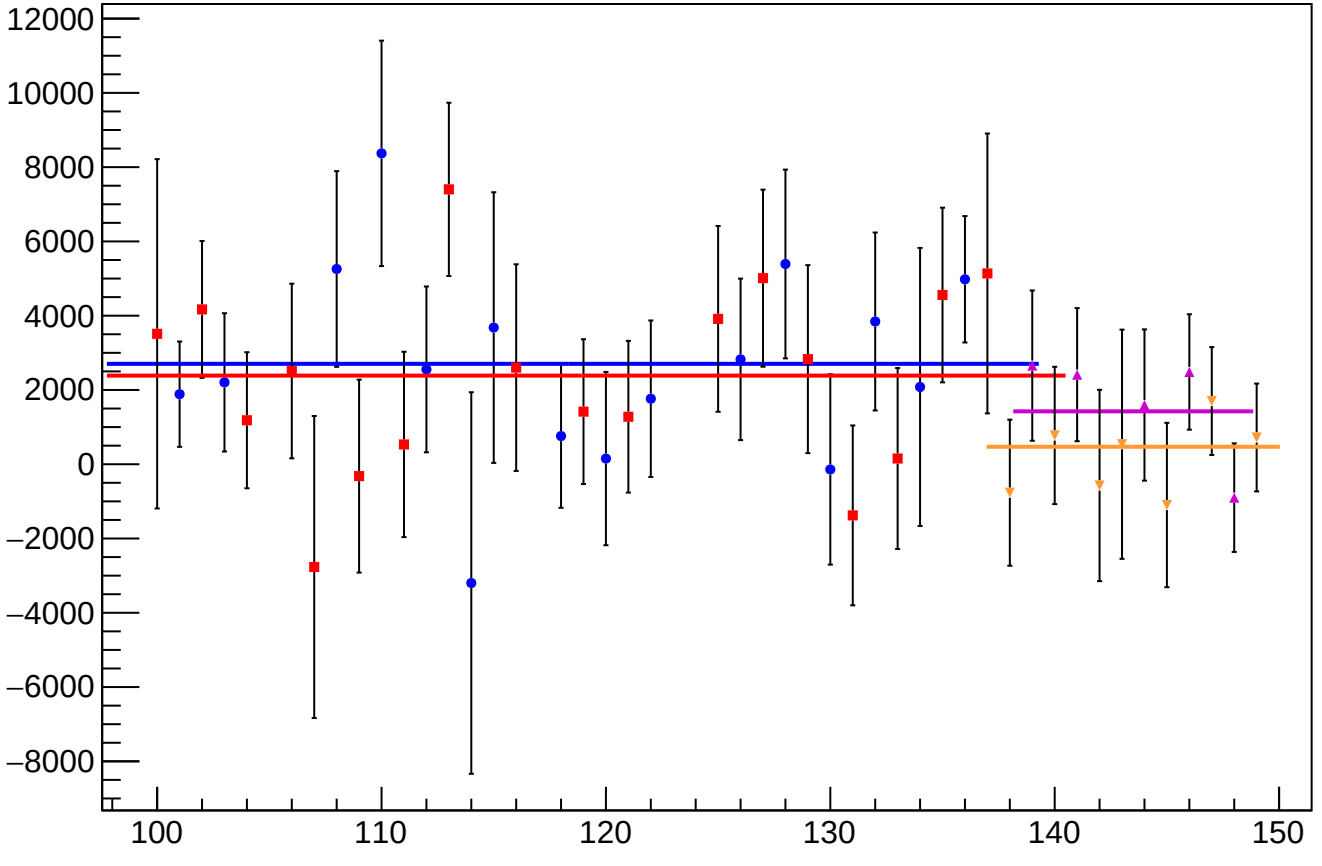
Right: 1207.878+/-0.237 χ^2/NDF: 1096424.2/33

In: 1220.207+/-0.269 χ^2/NDF:869132.0/20

Out: 1252.856+/-0.261 χ^2/NDF:891690.9/24

All: 1237.022+/-0.187 χ^2/NDF: 1768417.1/45

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 470.656+/-714.496 χ^2/NDF:1.8/6

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

Left In: 1424.485+/-771.854 χ^2/NDF:3.7/4

Left: 910.817+/-524.331 χ^2/NDF: 6.3/11

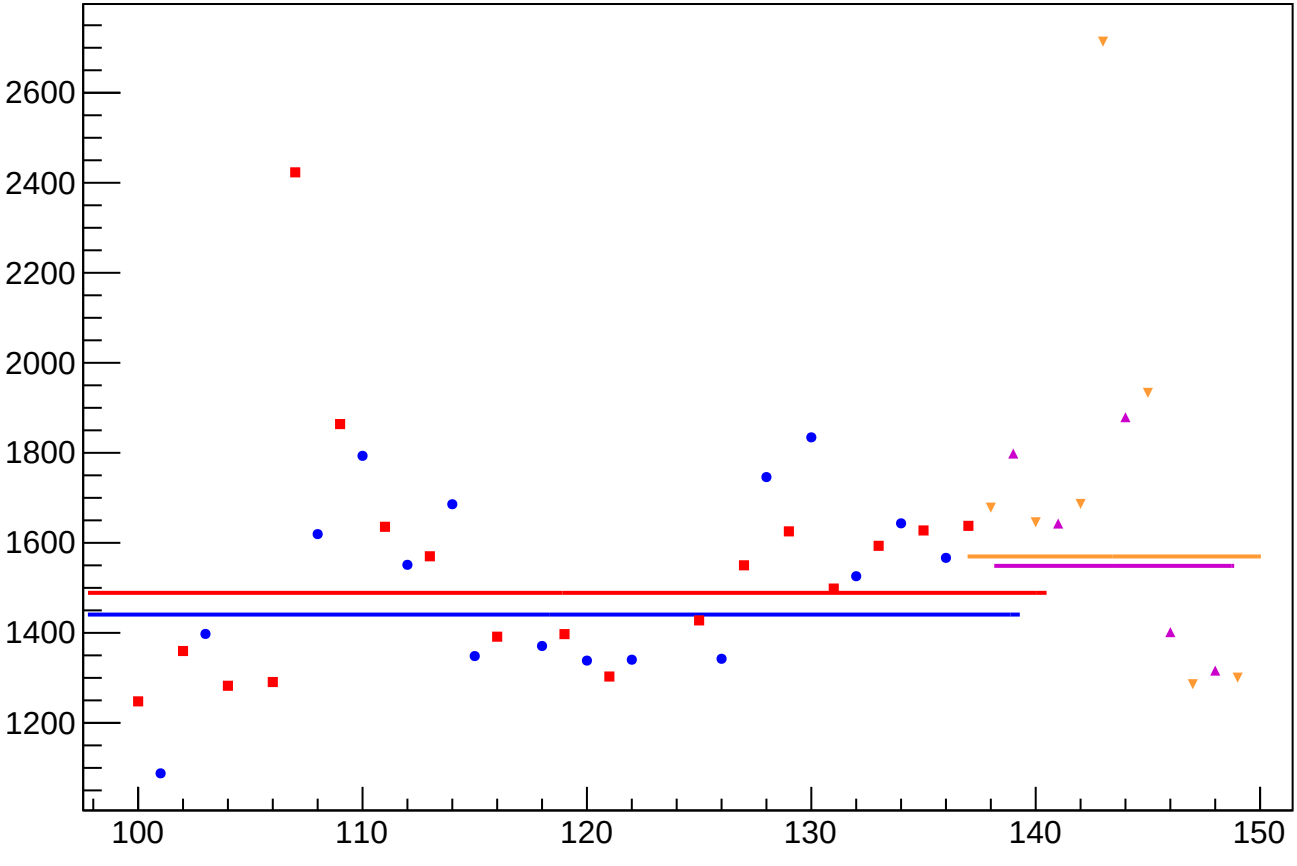
Right: 2546.843+/-400.838 χ^2/NDF: 29.3/33

In: 2257.901+/-455.648 χ^2/NDF:18.5/20

Out: 1643.092+/-445.229 χ^2/NDF:22.3/24

All: 1943.387+/-318.444 χ^2/NDF: 41.8/45

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1569.756+/-0.505 χ^2/NDF:487315.2/6

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

Left In: 1548.889+/-0.546 χ^2/NDF:157171.3/4

Left: 1560.126+/-0.371 χ^2/NDF: 645273.7/11

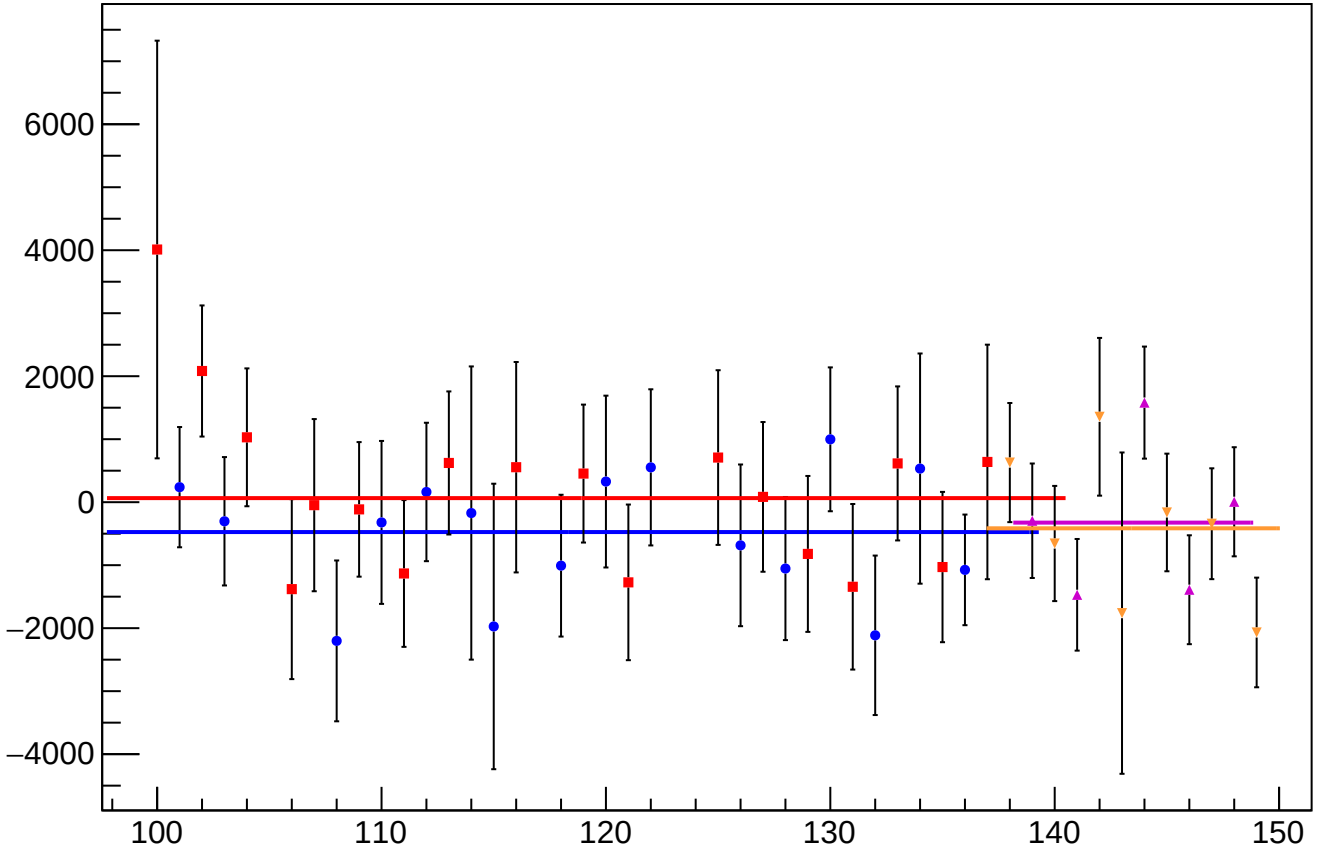
Right: 1464.596+/-0.283 χ^2/NDF: 546361.9/33

In: 1478.372+/-0.322 χ^2/NDF:465056.6/20

Out: 1520.323+/-0.315 χ^2/NDF:759808.0/24

All: 1499.833+/-0.225 χ^2/NDF: 1233537.6/45

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF: 8.9/15

Left Out: -414.572+/-381.674 χ^2/NDF:7.3/6

Right Out: 64.684+/-298.395 χ^2/NDF: 12.7/17

Left In: -324.378+/-394.666 χ^2/NDF:7.9/4

Left: -370.984+/-274.362 χ^2/NDF: 15.2/11

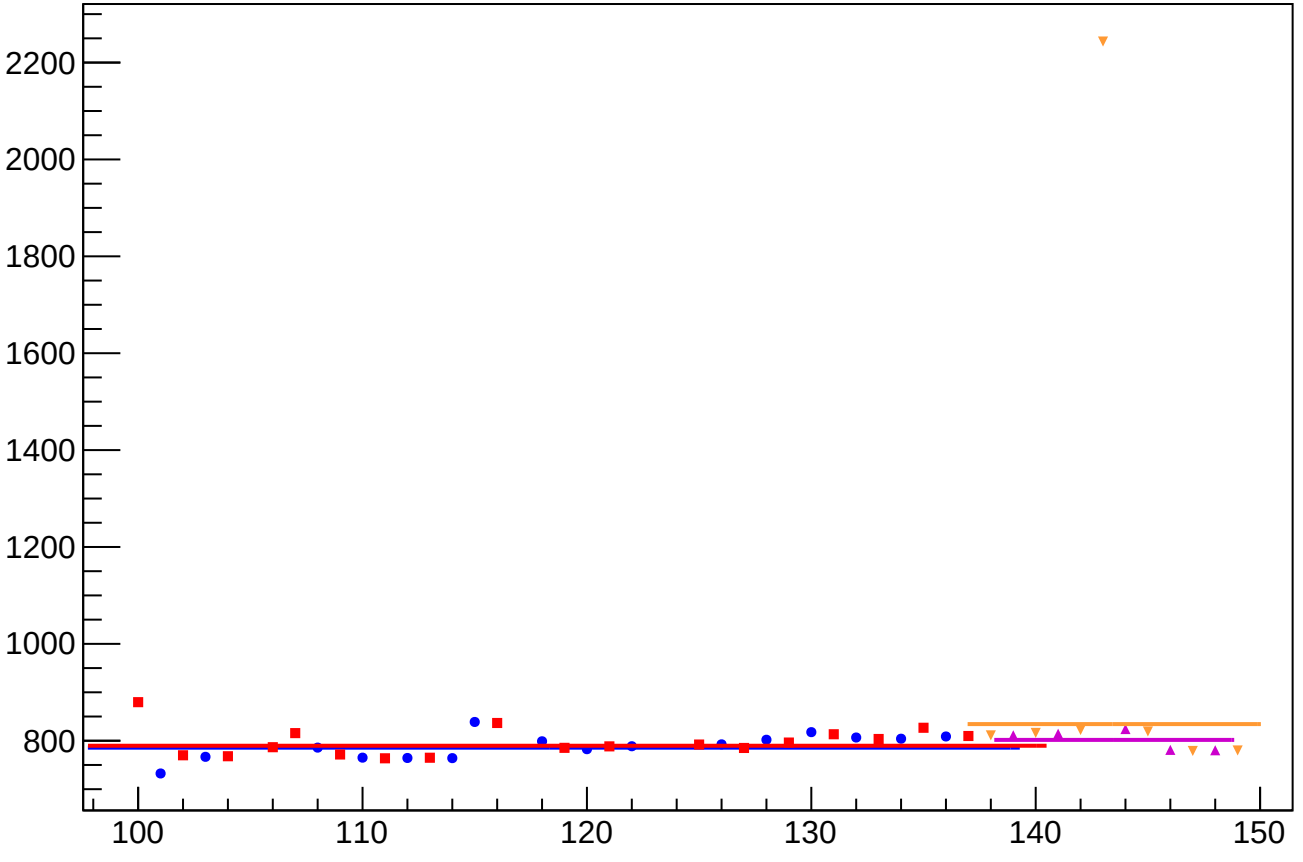
Right: -199.789+/-212.921 χ^2/NDF: 23.2/33

In: -418.389+/-240.794 χ^2/NDF:16.9/20

Out: -117.123+/-235.079 χ^2/NDF:20.9/24

All: -264.138+/-168.210 χ^2/NDF: 38.6/45

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 834.376+/-0.270 χ^2/NDF:628888.0/6

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

Left In: 801.743+/-0.279 χ^2/NDF:4251.4/4

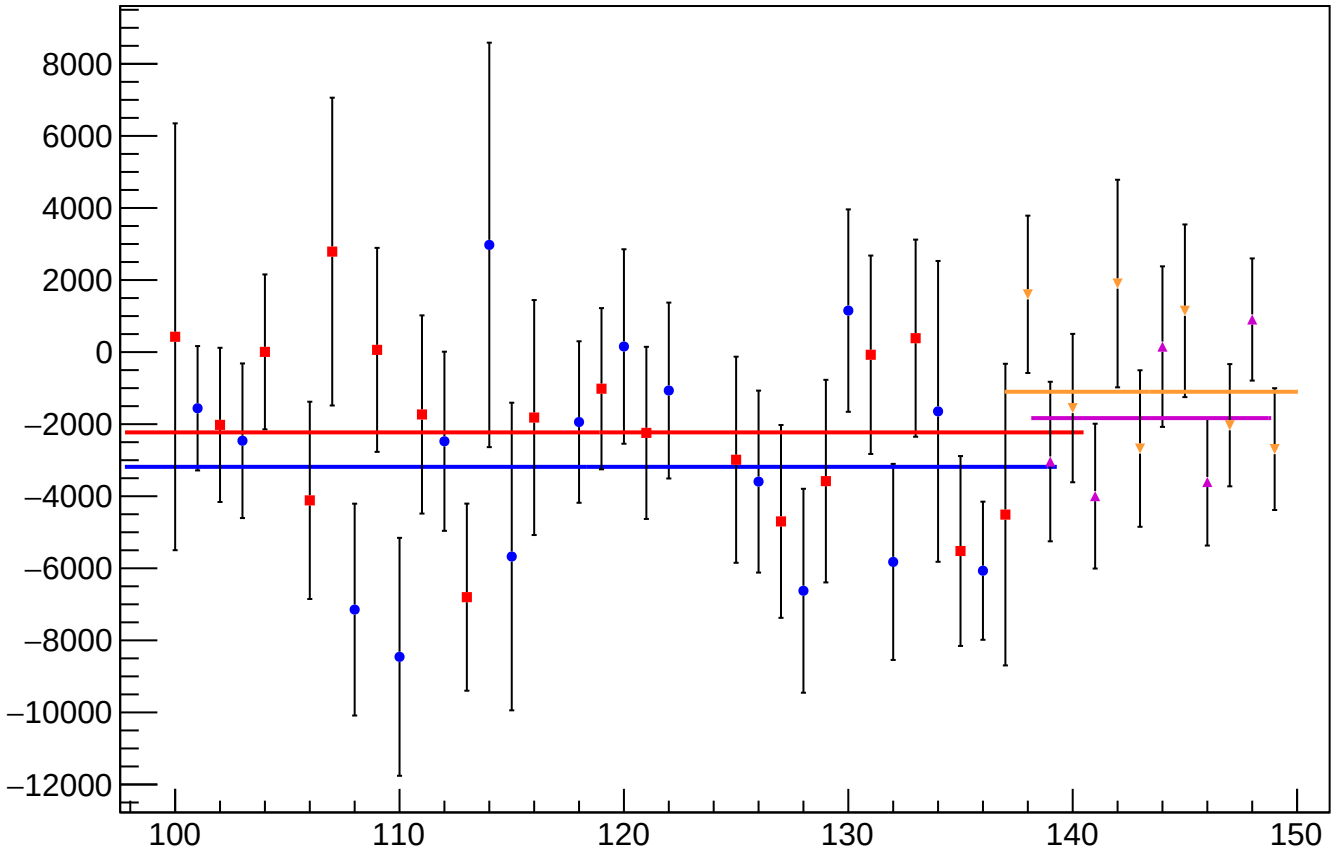
Left: 818.605+/-0.194 χ^2/NDF: 640205.1/11

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

In: 791.700+/-0.170 χ^2/NDF:20235.6/20

Out: 806.632+/-0.166 χ^2/NDF:656924.4/24

All: 799.346+/-0.119 χ^2/NDF: 681097.8/45



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

Left Out: -1100.745+/-778.528 χ^2/NDF:5.3/6

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

Left In: -1832.000+/-869.551 χ^2/NDF:5.9/4

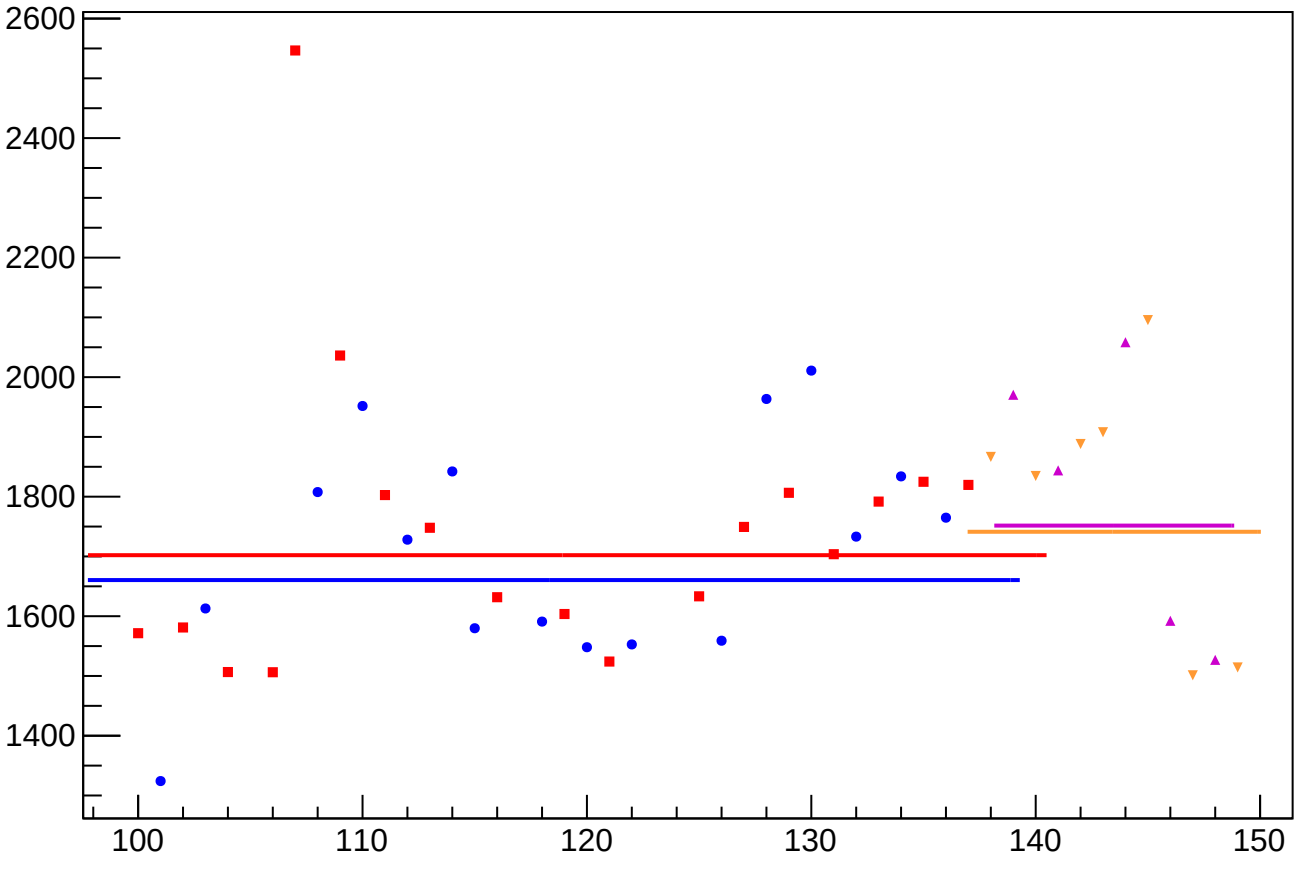
Left: -1426.108+/-580.023 χ^2/NDF: 11.5/11

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

In: -2702.210+/-519.262 χ^2/NDF:24.2/20

Out: -1766.679+/-498.071 χ^2/NDF:18.3/24

All: -2214.965+/-359.447 χ^2/NDF: 44.2/45



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

Left Out: 1741.283+/-0.551 χ^2/NDF:147528.1/6

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

Left In: 1751.608+/-0.615 χ^2/NDF:113151.0/4

Left: 1745.877+/-0.410 χ^2/NDF: 260835.6/11

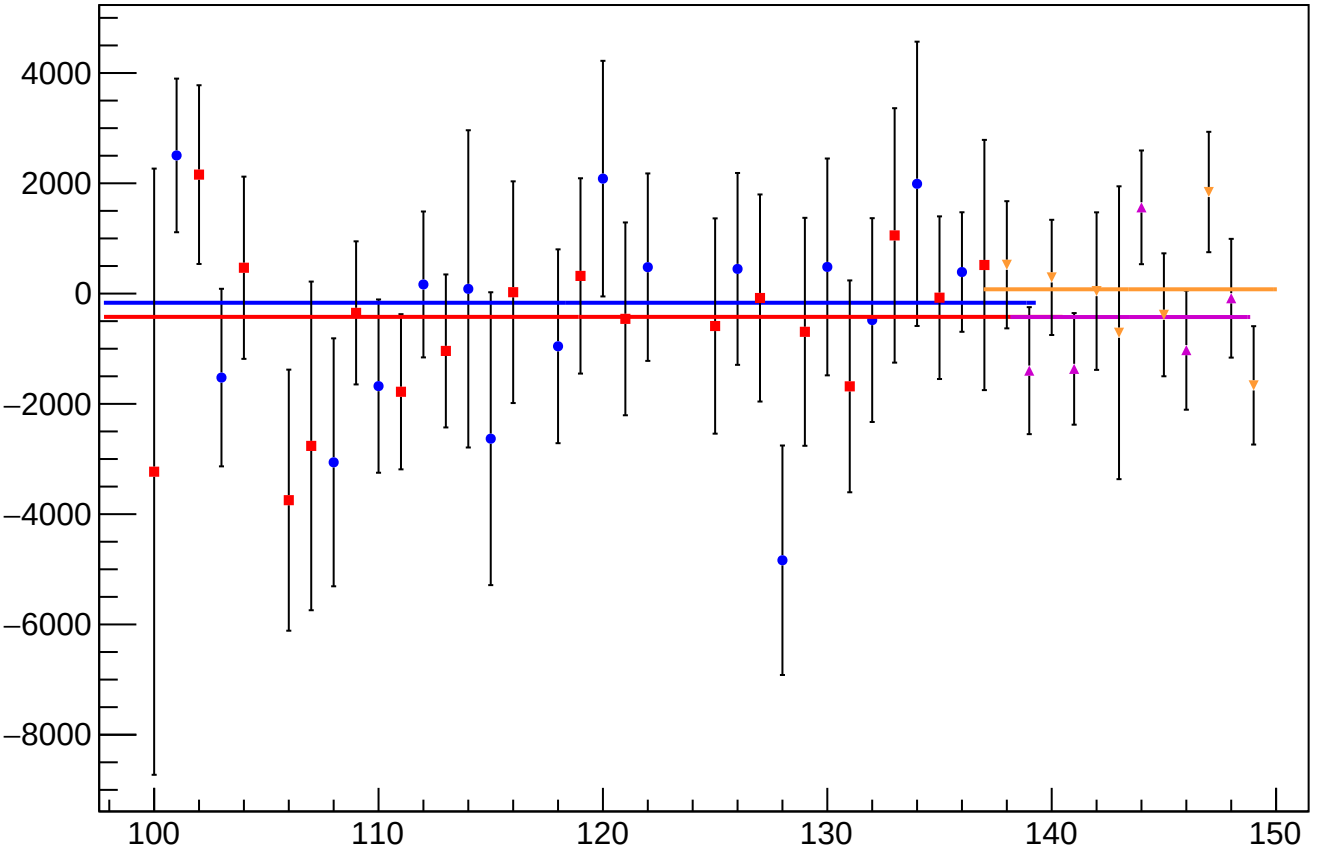
Right: 1681.258+/-0.324 χ^2/NDF: 355346.8/33

In: 1692.965+/-0.367 χ^2/NDF:306495.5/20

Out: 1718.136+/-0.352 χ^2/NDF:322529.4/24

All: 1706.075+/-0.254 χ^2/NDF: 631472.7/45

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 77.831+/-455.850 χ^2/NDF:5.7/6

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

Left In: -424.996+/-477.285 χ^2/NDF:5.7/4

Left: -162.038+/-329.652 χ^2/NDF: 12.0/11

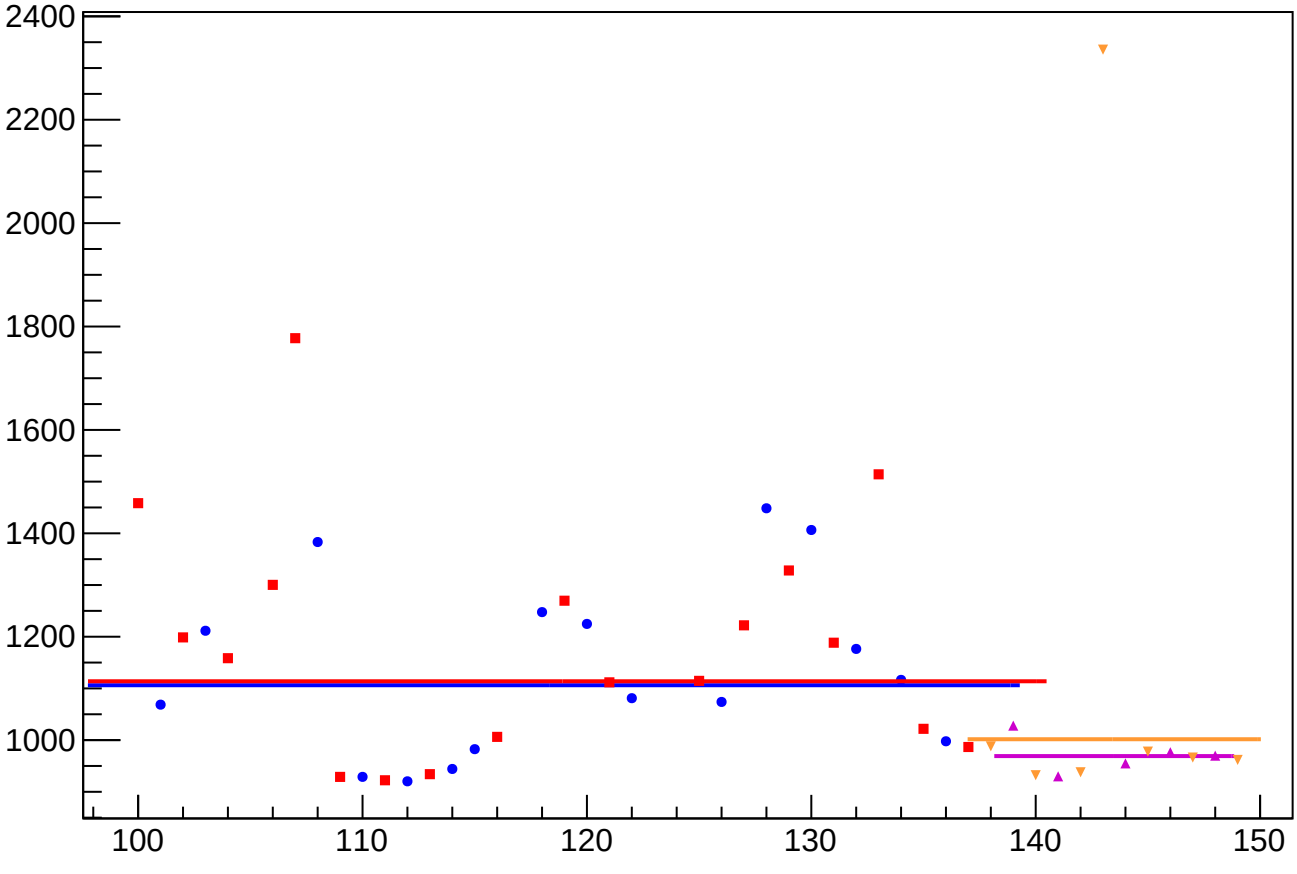
Right: -295.954+/-304.038 χ^2/NDF: 24.0/33

In: -283.029+/-320.563 χ^2/NDF:21.5/20

Out: -188.405+/-311.760 χ^2/NDF:14.5/24

All: -234.400+/-223.495 χ^2/NDF: 36.0/45

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1001.698+/-0.322 χ^2/NDF:523667.6/6

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

Left In: 969.111+/-0.337 χ^2/NDF:8700.5/4

Left: 986.153+/-0.233 χ^2/NDF: 537243.7/11

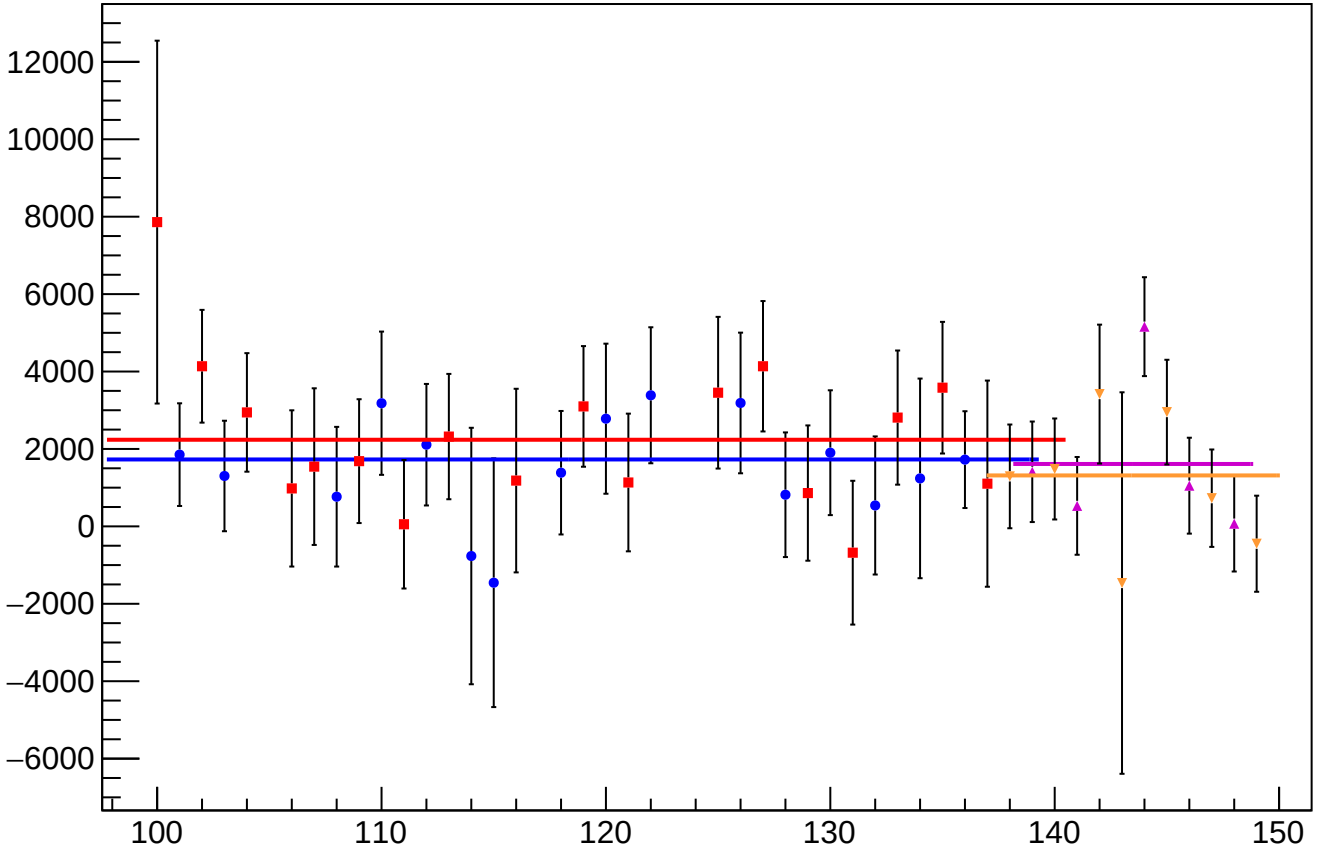
Right: 1110.038+/-0.215 χ^2/NDF: 624528.4/33

In: 1044.337+/-0.227 χ^2/NDF:359131.4/20

Out: 1061.378+/-0.220 χ^2/NDF:952363.2/24

All: 1053.095+/-0.158 χ^2/NDF: 1314399.1/45

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463+/-429.803 χ^2/NDF: 5.3/15

Left Out: 1316.132+/-548.438 χ^2/NDF:5.4/6

Right Out: 2237.683+/-425.458 χ^2/NDF: 12.3/17

Left In: 1611.949+/-564.386 χ^2/NDF:10.2/4

Left: 1459.802+/-393.321 χ^2/NDF: 15.8/11

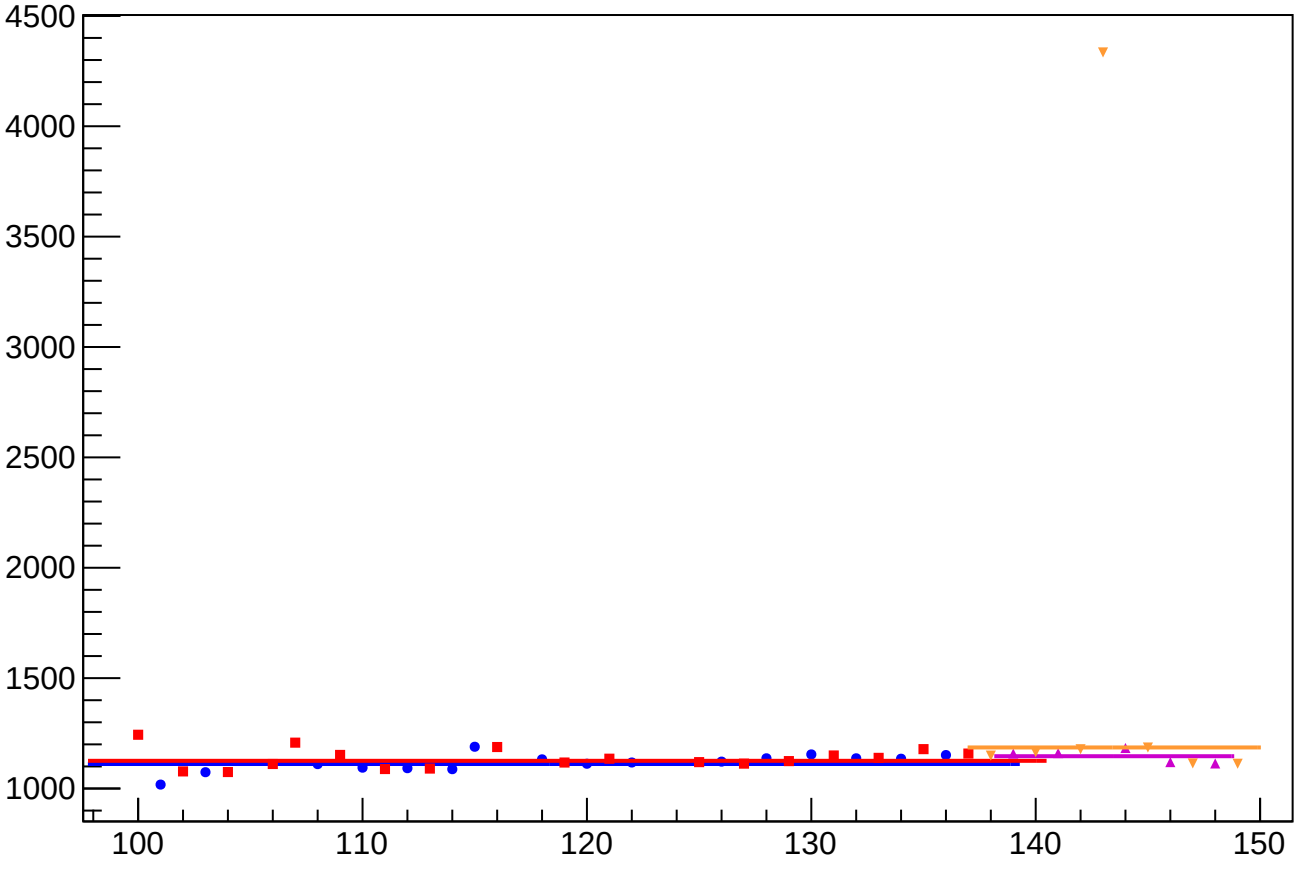
Right: 1985.660+/-302.369 χ^2/NDF: 18.3/33

In: 1685.695+/-341.939 χ^2/NDF:15.6/20

Out: 1891.452+/-336.164 χ^2/NDF:19.4/24

All: 1790.325+/-239.720 χ^2/NDF: 35.2/45

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1186.011+/-0.388 χ^2/NDF:832174.2/6

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

Left In: 1146.342+/-0.399 χ^2/NDF:4465.7/4

Left: 1166.744+/-0.278 χ^2/NDF: 841721.8/11

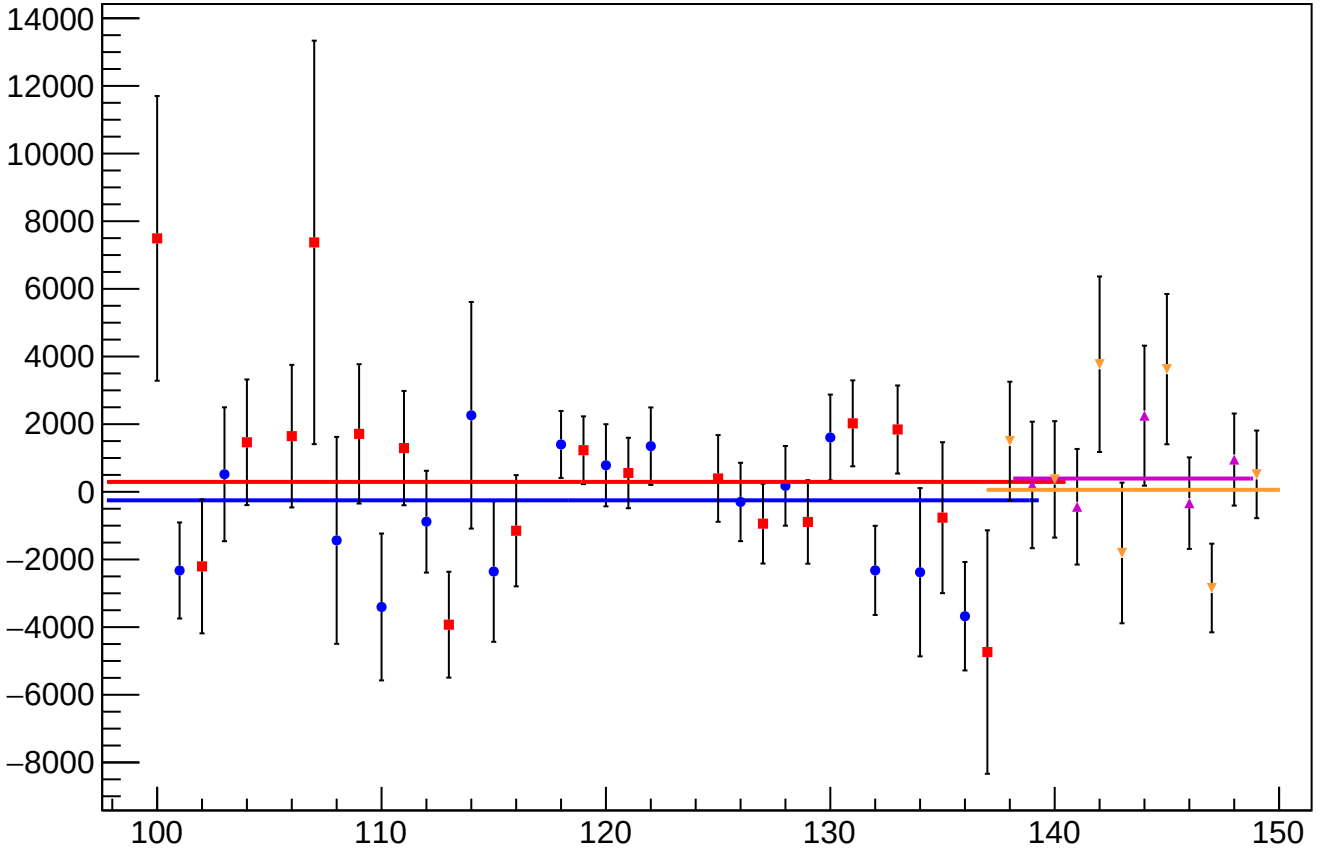
Right: 1118.342+/-0.214 χ^2/NDF: 35114.3/33

In: 1123.999+/-0.242 χ^2/NDF:27508.7/20

Out: 1148.231+/-0.238 χ^2/NDF:863256.8/24

All: 1136.322+/-0.170 χ^2/NDF: 895873.0/45

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 59.180+/-642.314 χ^2/NDF:11.2/6

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

Left In: 392.520+/-716.407 χ^2/NDF:1.5/4

Left: 207.727+/-478.241 χ^2/NDF: 12.8/11

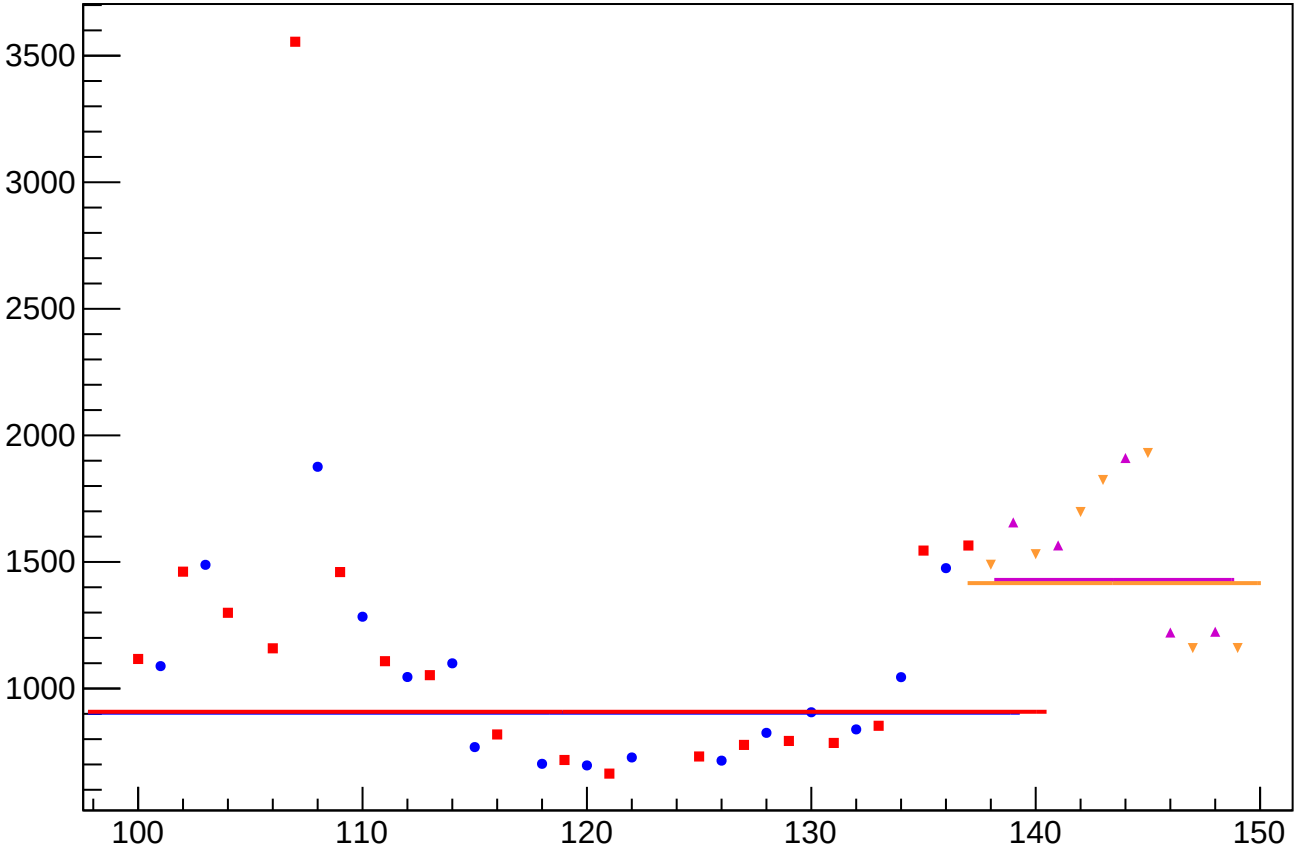
Right: 23.010+/-257.185 χ^2/NDF: 47.0/33

In: -118.669+/-325.188 χ^2/NDF:24.0/20

Out: 237.019+/-315.687 χ^2/NDF:35.3/24

All: 64.446+/-226.509 χ^2/NDF: 59.9/45

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1416.406+/-0.454 χ^2/NDF:374730.3/6

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

Left In: 1429.036+/-0.507 χ^2/NDF:242978.3/4

Left: 1422.034+/-0.338 χ^2/NDF: 618053.3/11

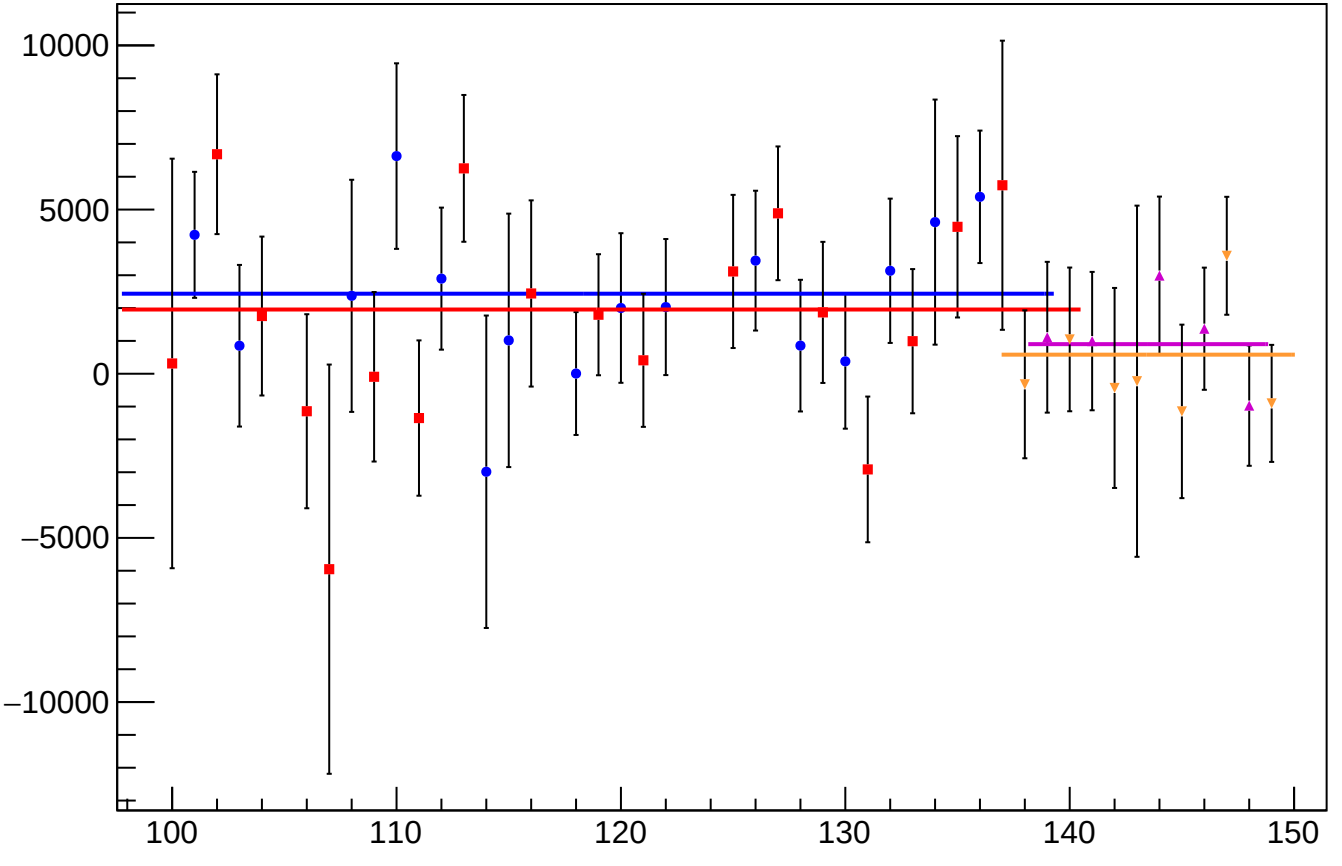
Right: 906.333+/-0.182 χ^2/NDF: 2402221.4/33

In: 1012.566+/-0.230 χ^2/NDF:2115368.2/20

Out: 1030.925+/-0.223 χ^2/NDF:2705522.0/24

All: 1022.017+/-0.160 χ^2/NDF: 4824172.2/45

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 580.925+/-871.487 χ^2/NDF:4.3/6

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

Left In: 901.234+/-922.905 χ^2/NDF:1.9/4

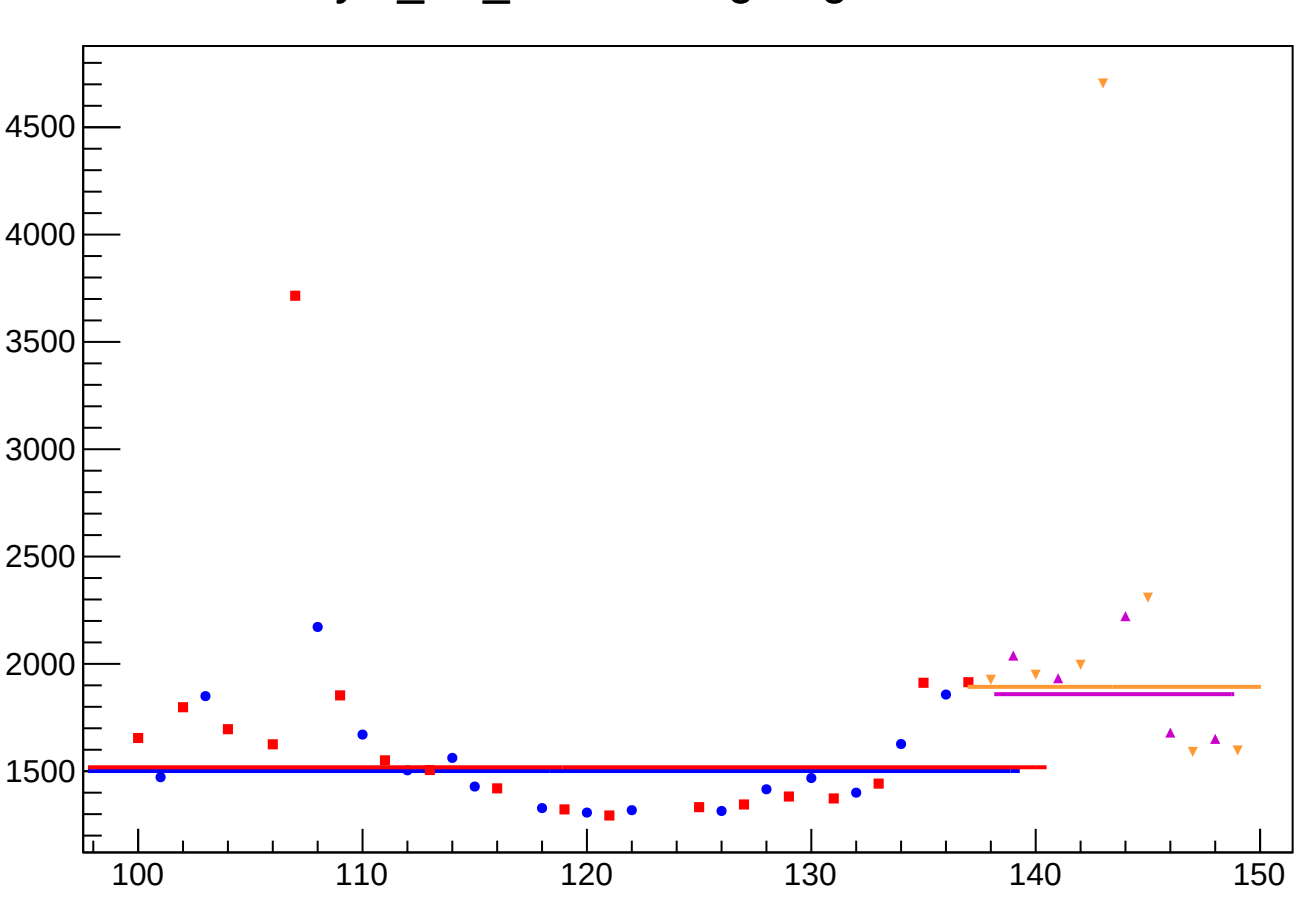
Left: 731.909+/-633.632 χ^2/NDF: 6.2/11

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

In: 1995.851+/-494.841 χ^2/NDF:15.0/20

Out: 1529.721+/-485.192 χ^2/NDF:28.4/24

All: 1758.197+/-346.443 χ^2/NDF: 43.8/45



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

Left Out: 1892.960+/-0.616 χ^2/NDF:718313.7/6

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

Left In: 1858.901+/-0.653 χ^2/NDF:104622.3/4

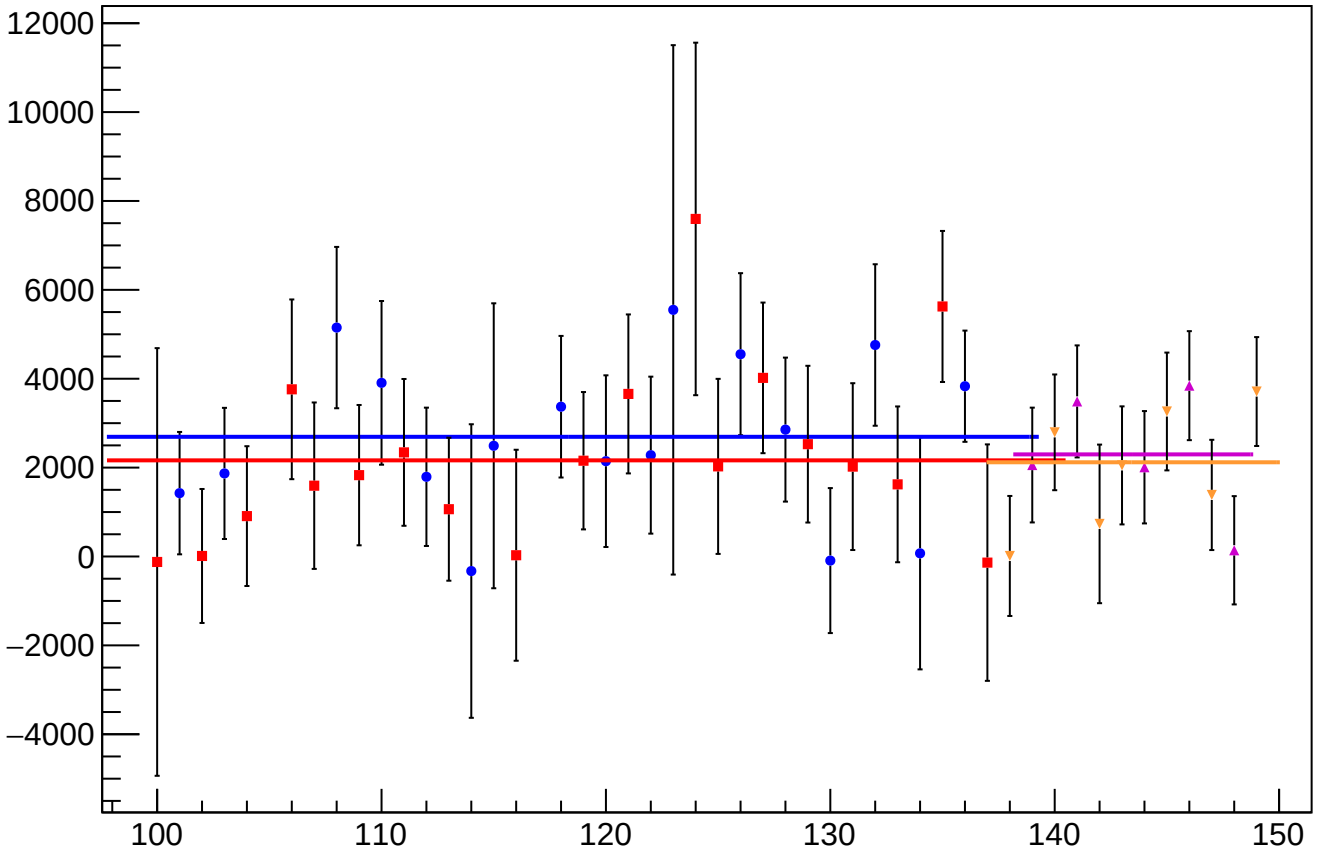
Left: 1876.906+/-0.448 χ^2/NDF: 824375.9/11

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

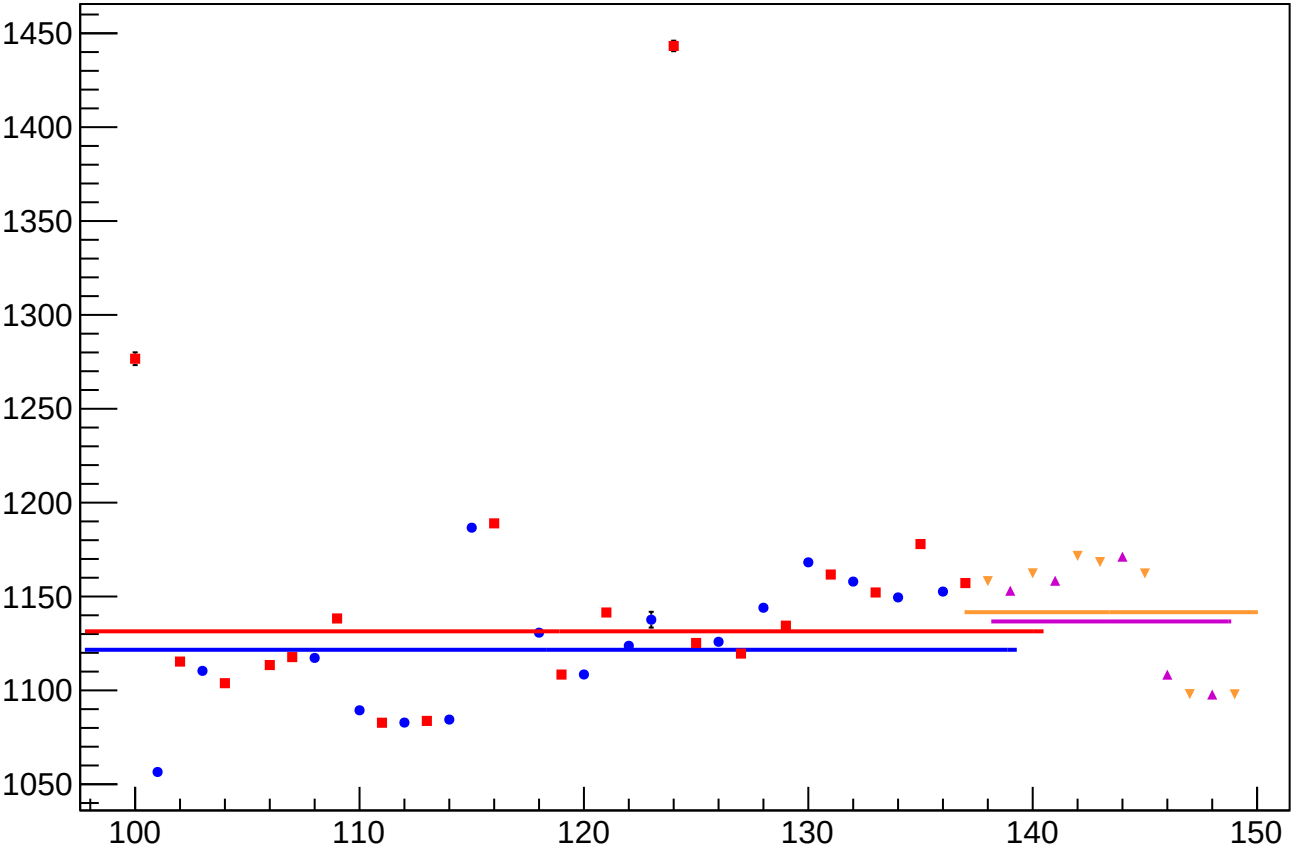
In: 1603.770+/-0.350 χ^2/NDF:575361.3/20

Out: 1634.448+/-0.343 χ^2/NDF:1449358.1/24

All: 1619.411+/-0.245 χ^2/NDF: 2028638.5/45


dit_asym_usr_mean vs Slug, Sign Corrected
12000
10000
8000
6000
4000
2000
0
−2000
−4000
100
110
120
130
140
150
Right In: 2692.998+/-432.616 χ²/NDF: 12.2/16
Left Out: 2119.840+/-506.083 χ²/NDF:6.1/6
Right Out: 2163.105+/-423.797 χ²/NDF: 13.8/18
Left In: 2297.569+/-559.612 χ²/NDF:5.7/4
Left: 2199.800+/-375.357 χ²/NDF: 11.9/11
Right: 2422.596+/-302.740 χ²/NDF: 26.8/35
In: 2545.079+/-342.267 χ²/NDF:18.3/21
Out: 2145.271+/-324.918 χ²/NDF:19.9/25
All: 2334.786+/-235.646 χ²/NDF: 38.8/47

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626+/-0.306 χ^2/NDF: 11980.2/16

Left Out: 1141.655+/-0.358 χ^2/NDF:7687.3/6

Right Out: 1131.451+/-0.300 χ^2/NDF: 23111.7/18

Left In: 1136.719+/-0.396 χ^2/NDF:5512.5/4

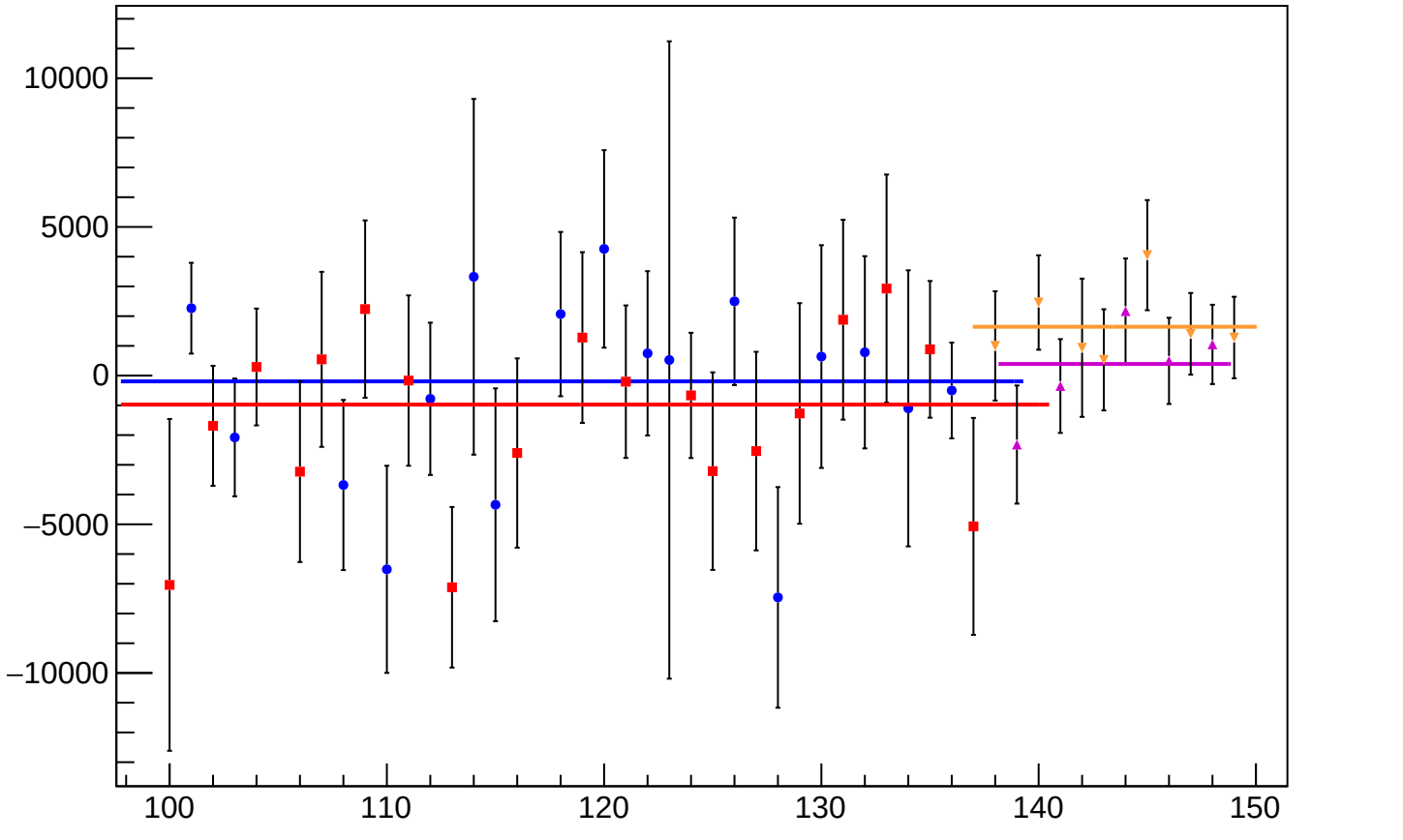
Left: 1139.434+/-0.265 χ^2/NDF: 13285.3/11

Right: 1126.640+/-0.214 χ^2/NDF: 35618.4/35

In: 1127.272+/-0.242 χ^2/NDF:18403.3/21

Out: 1135.657+/-0.230 χ^2/NDF:31276.9/25

All: 1131.683+/-0.167 χ^2/NDF: 50311.6/47



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

Left Out: 1643.599+/-622.988 χ^2/NDF:2.7/6

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

Left In: 391.825+/-705.096 χ^2/NDF:3.3/4

Left: 1094.808+/-466.863 χ^2/NDF: 7.8/11

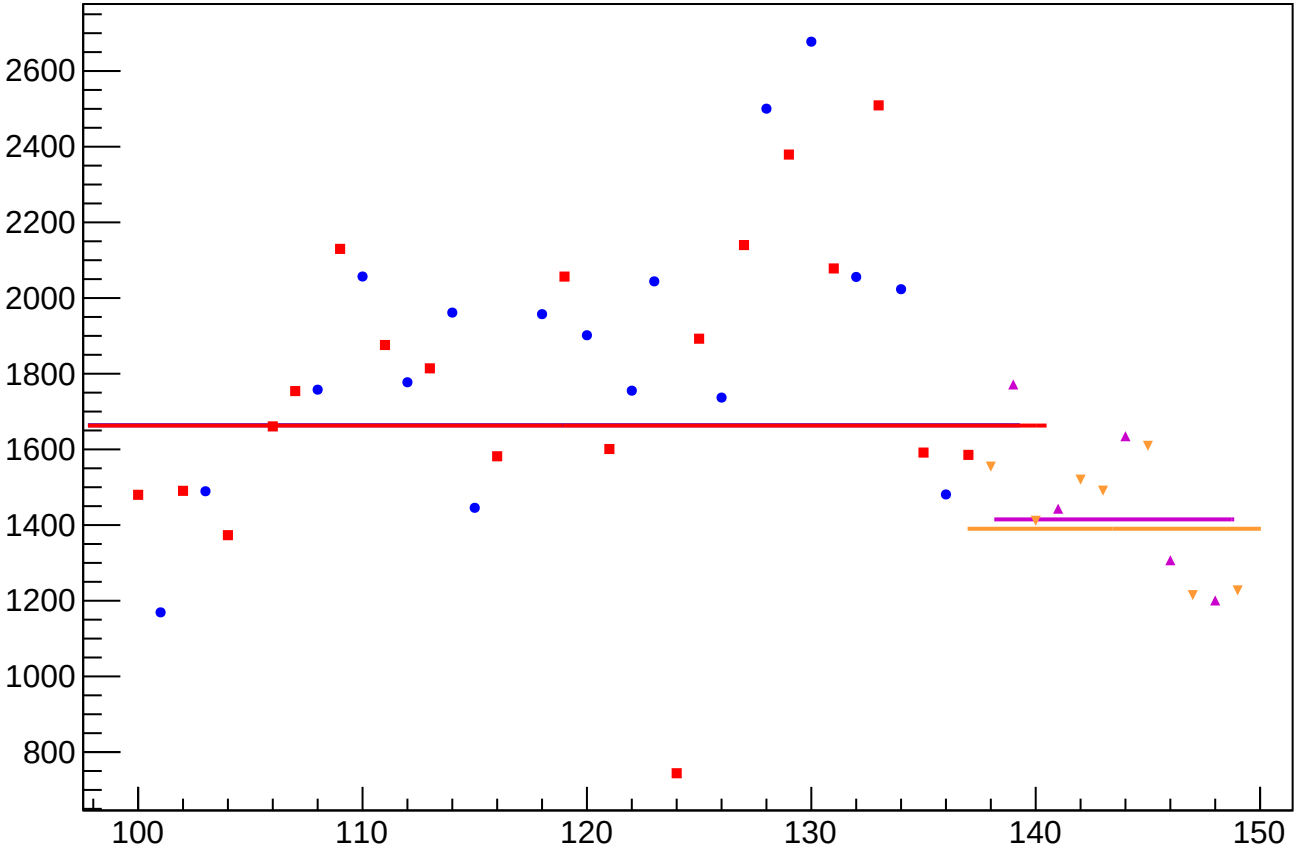
Right: -592.444+/-461.436 χ^2/NDF: 32.4/35

In: 80.095+/-481.984 χ^2/NDF:21.1/21

Out: 380.678+/-448.115 χ^2/NDF:25.5/25

All: 241.318+/-328.186 χ^2/NDF: 46.8/47

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1390.276+/-0.441 χ^2/NDF:118377.5/6

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

Left In: 1415.012+/-0.499 χ^2/NDF:158559.8/4

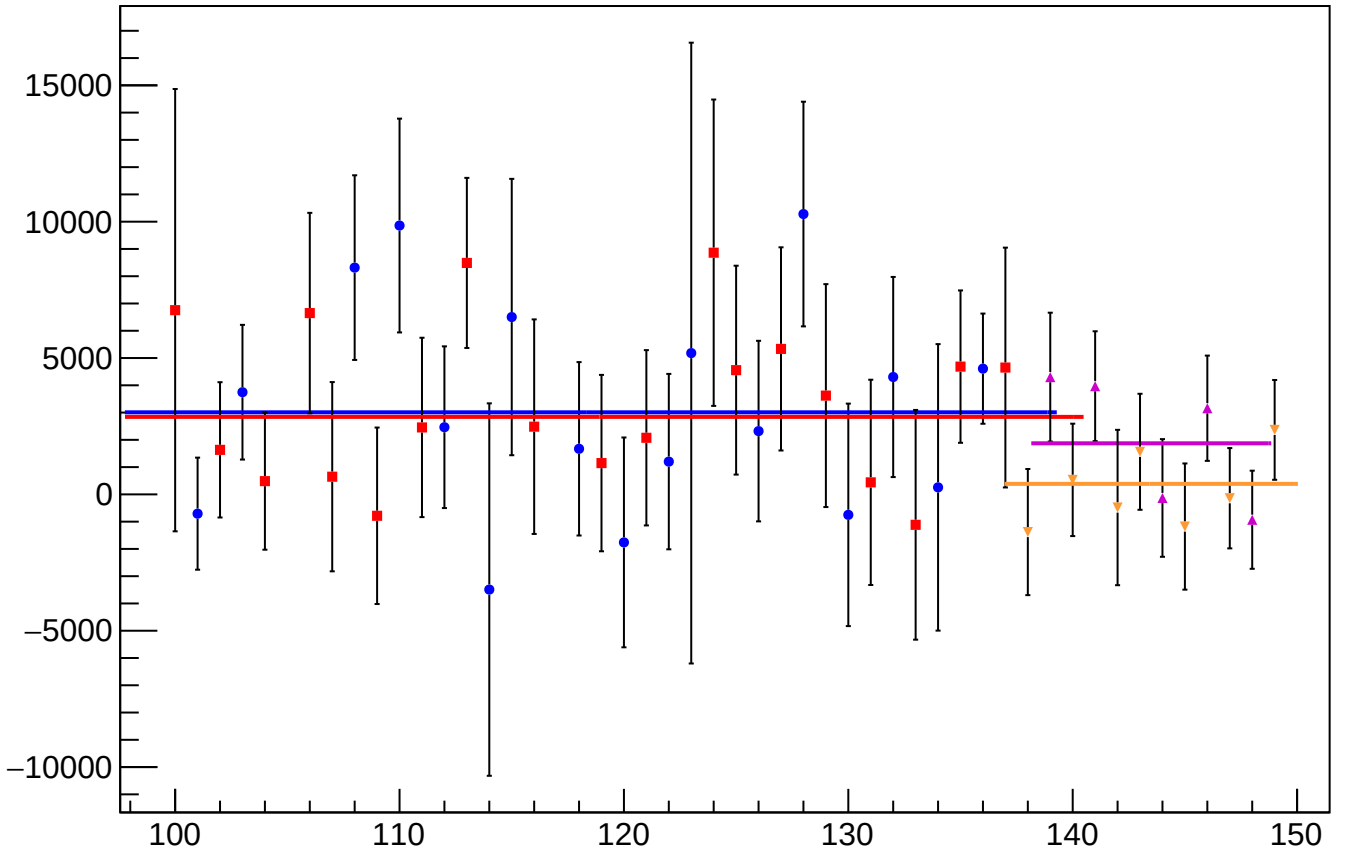
Left: 1401.120+/-0.330 χ^2/NDF: 278319.5/11

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

In: 1547.537+/-0.341 χ^2/NDF:913662.6/21

Out: 1521.888+/-0.317 χ^2/NDF:1108306.5/25

All: 1533.780+/-0.232 χ^2/NDF: 2025007.0/47



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

Left Out: 385.831+/-803.732 χ^2/NDF:2.7/6

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

Left In: 1873.306+/-906.108 χ^2/NDF:5.9/4

Left: 1040.825+/-601.276 χ^2/NDF: 10.1/11

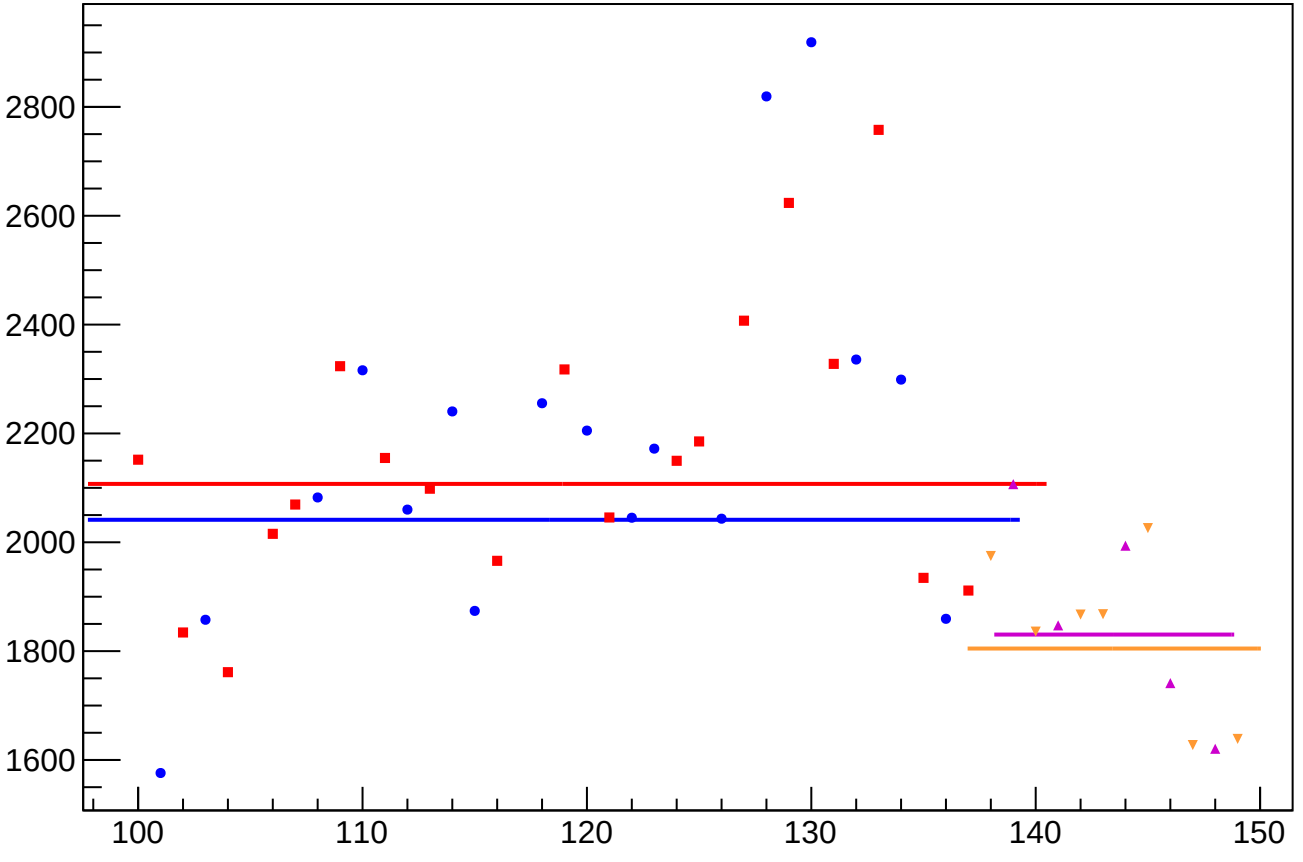
Right: 2925.191+/-564.046 χ^2/NDF: 28.8/35

In: 2511.866+/-599.560 χ^2/NDF:24.1/21

Out: 1626.207+/-565.475 χ^2/NDF:18.8/25

All: 2043.147+/-411.373 χ^2/NDF: 44.1/47

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1804.766+/-0.568 χ^2/NDF:67377.1/6

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

Left In: 1830.440+/-0.641 χ^2/NDF:70453.5/4

Left: 1816.072+/-0.425 χ^2/NDF: 138729.3/11

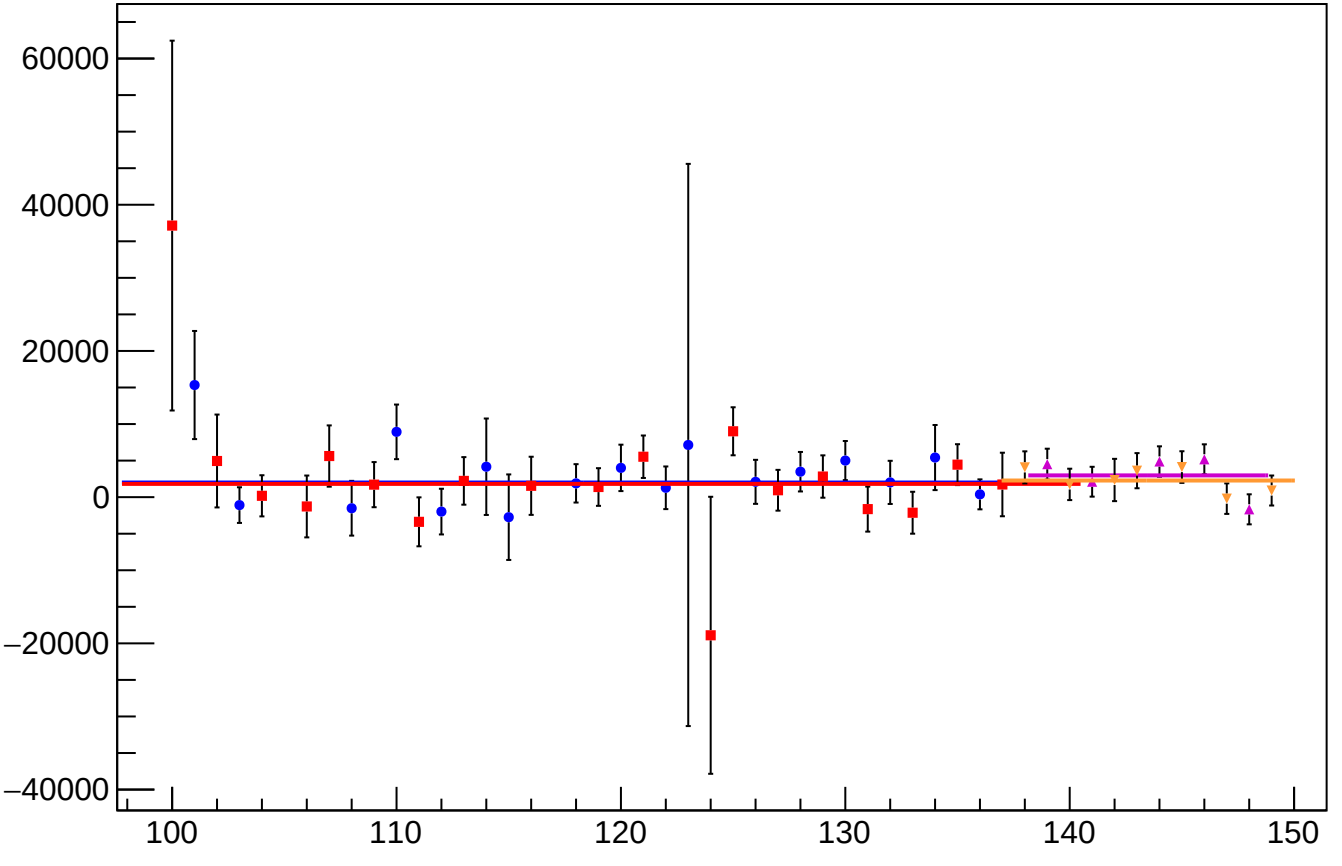
Right: 2074.475+/-0.399 χ^2/NDF: 542049.1/35

In: 1949.007+/-0.424 χ^2/NDF:469805.6/21

Out: 1957.535+/-0.400 χ^2/NDF:407239.6/25

All: 1953.520+/-0.291 χ^2/NDF: 877259.3/47

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2276.078+/-845.827 χ^2/NDF:3.6/6

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

Left In: 2976.820+/-924.467 χ^2/NDF:7.8/4

Left: 2595.382+/-624.043 χ^2/NDF: 11.7/11

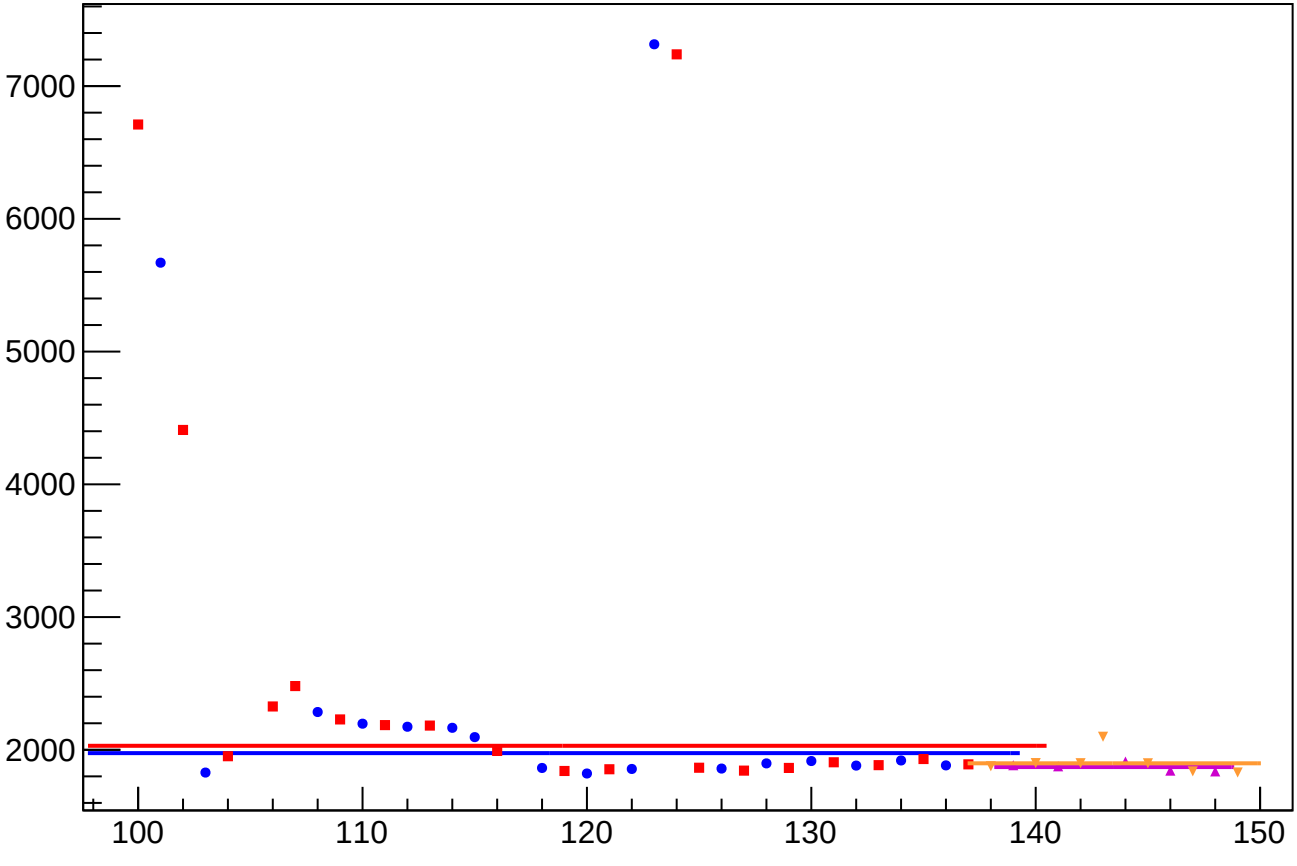
Right: 1907.721+/-552.630 χ^2/NDF: 33.1/35

In: 2407.129+/-596.872 χ^2/NDF:23.3/21

Out: 2027.642+/-573.985 χ^2/NDF:22.0/25

All: 2209.970+/-413.723 χ^2/NDF: 45.5/47

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1898.420+/-0.598 χ^2/NDF:18033.9/6

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

Left In: 1870.173+/-0.654 χ^2/NDF:1751.1/4

Left: 1885.549+/-0.441 χ^2/NDF: 20801.3/11

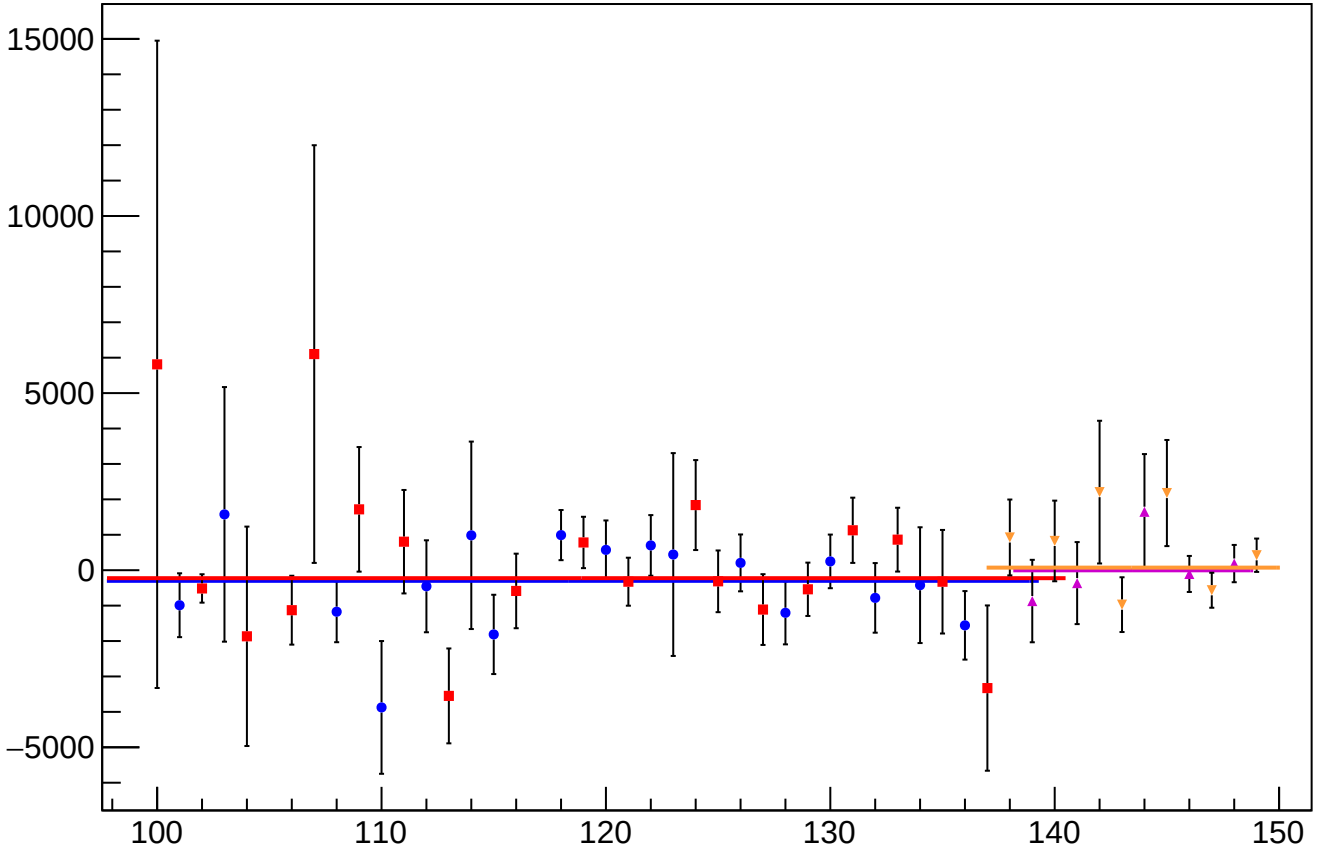
Right: 2002.731+/-0.391 χ^2/NDF: 1208749.7/35

In: 1931.366+/-0.422 χ^2/NDF:616609.9/21

Out: 1969.591+/-0.406 χ^2/NDF:648205.0/25

All: 1951.226+/-0.293 χ^2/NDF: 1269076.5/47

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 72.597+/-281.519 χ^2/NDF:8.2/6

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

Left In: -3.040+/-327.359 χ^2/NDF:1.9/4

Left: 40.440+/-213.447 χ^2/NDF: 10.1/11

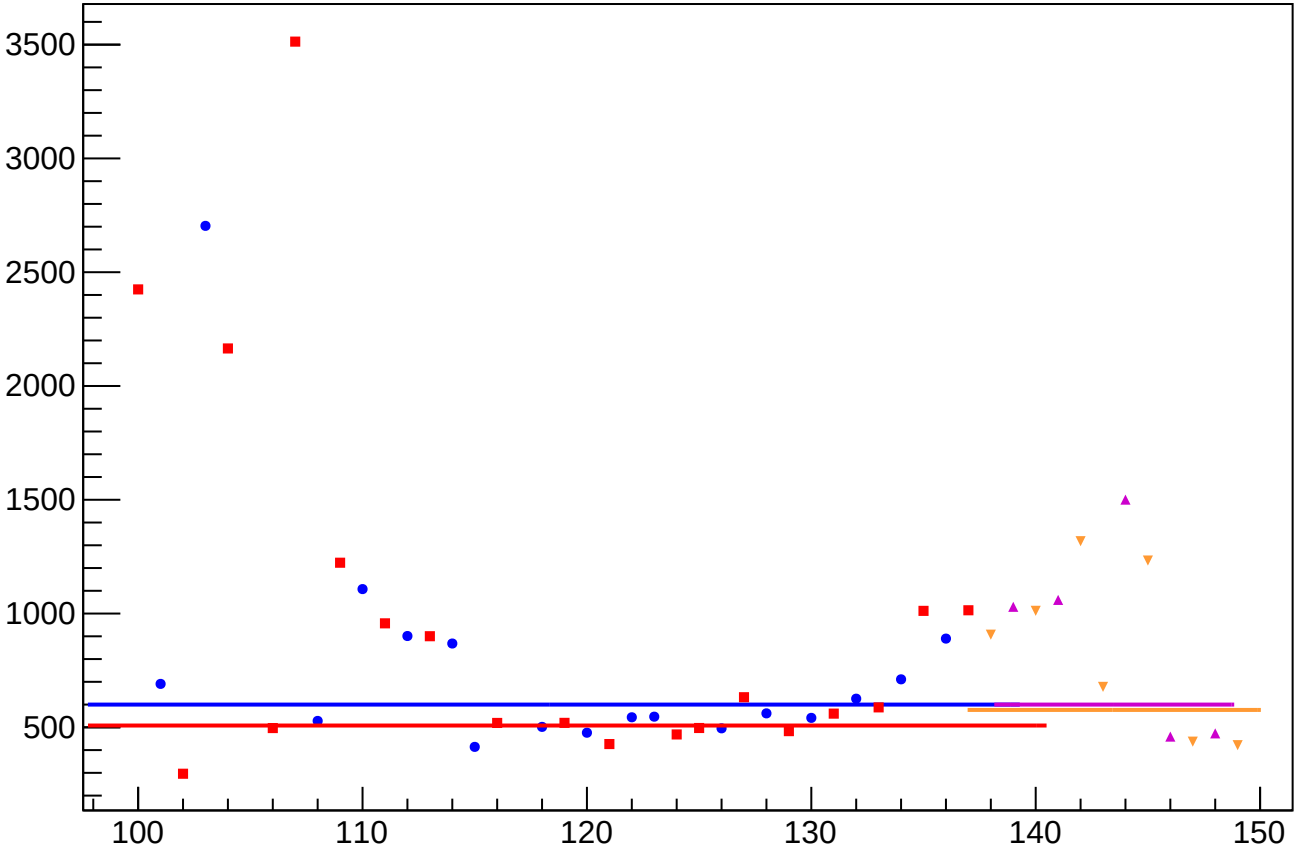
Right: -257.724+/-162.302 χ^2/NDF: 39.6/35

In: -192.478+/-196.975 χ^2/NDF:19.7/21

Out: -115.277+/-171.151 χ^2/NDF:31.1/25

All: -148.489+/-129.194 χ^2/NDF: 50.9/47

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 576.455+/-0.199 χ^2/NDF:1548700.2/6

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

Left In: 599.973+/-0.231 χ^2/NDF:1468293.9/4

Left: 586.454+/-0.151 χ^2/NDF: 3022928.3/11

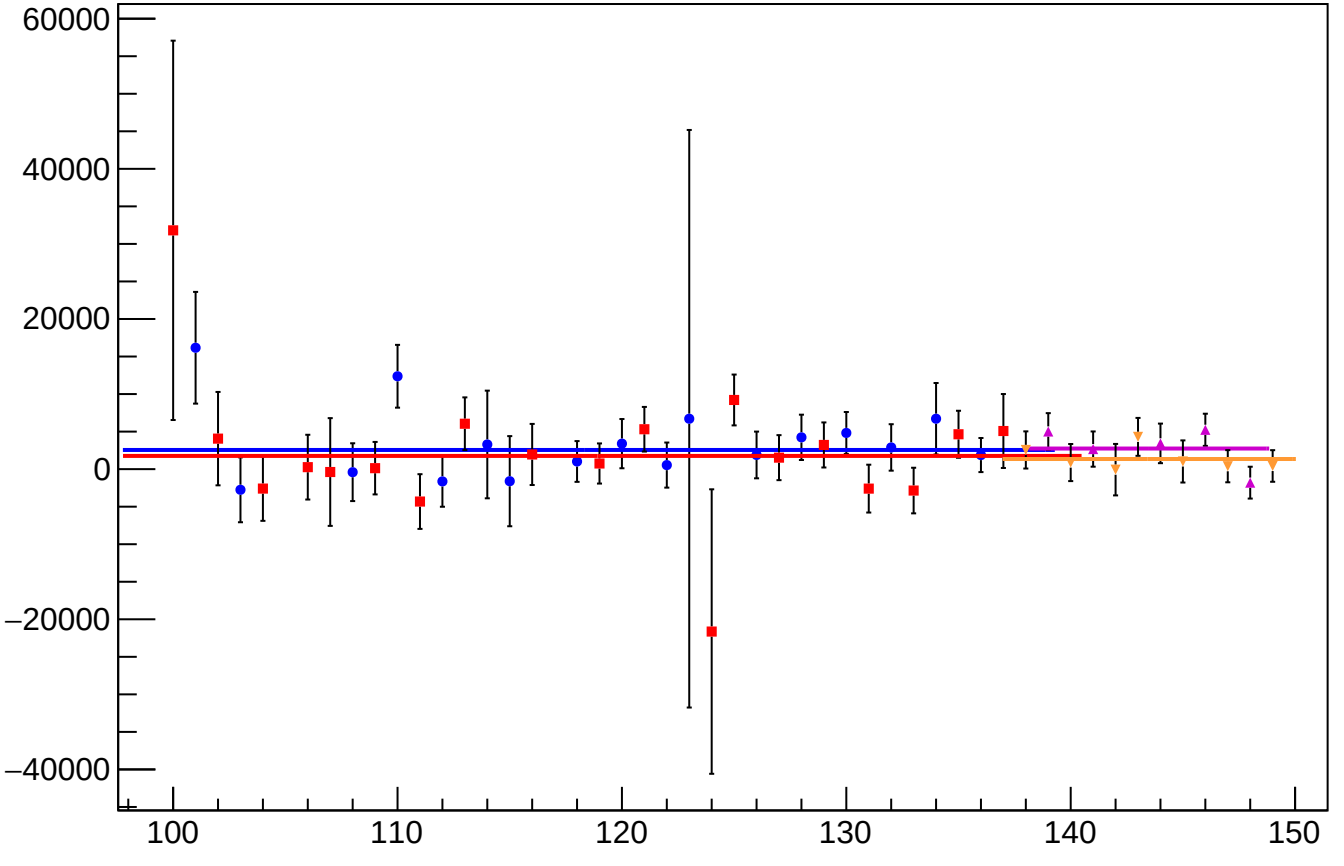
Right: 547.794+/-0.115 χ^2/NDF: 4387752.6/35

In: 599.961+/-0.139 χ^2/NDF:2849343.3/21

Out: 533.266+/-0.121 χ^2/NDF:4472256.4/25

All: 561.957+/-0.091 χ^2/NDF: 7452253.1/47

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF: 15.7/16

Left Out: 1350.202+/-936.681 χ^2/NDF:2.2/6

Right Out: 1761.499+/-854.672 χ^2/NDF: 20.9/18

Left In: 2744.400+/-1035.263 χ^2/NDF:6.9/4

Left: 1977.775+/-694.578 χ^2/NDF: 10.1/11

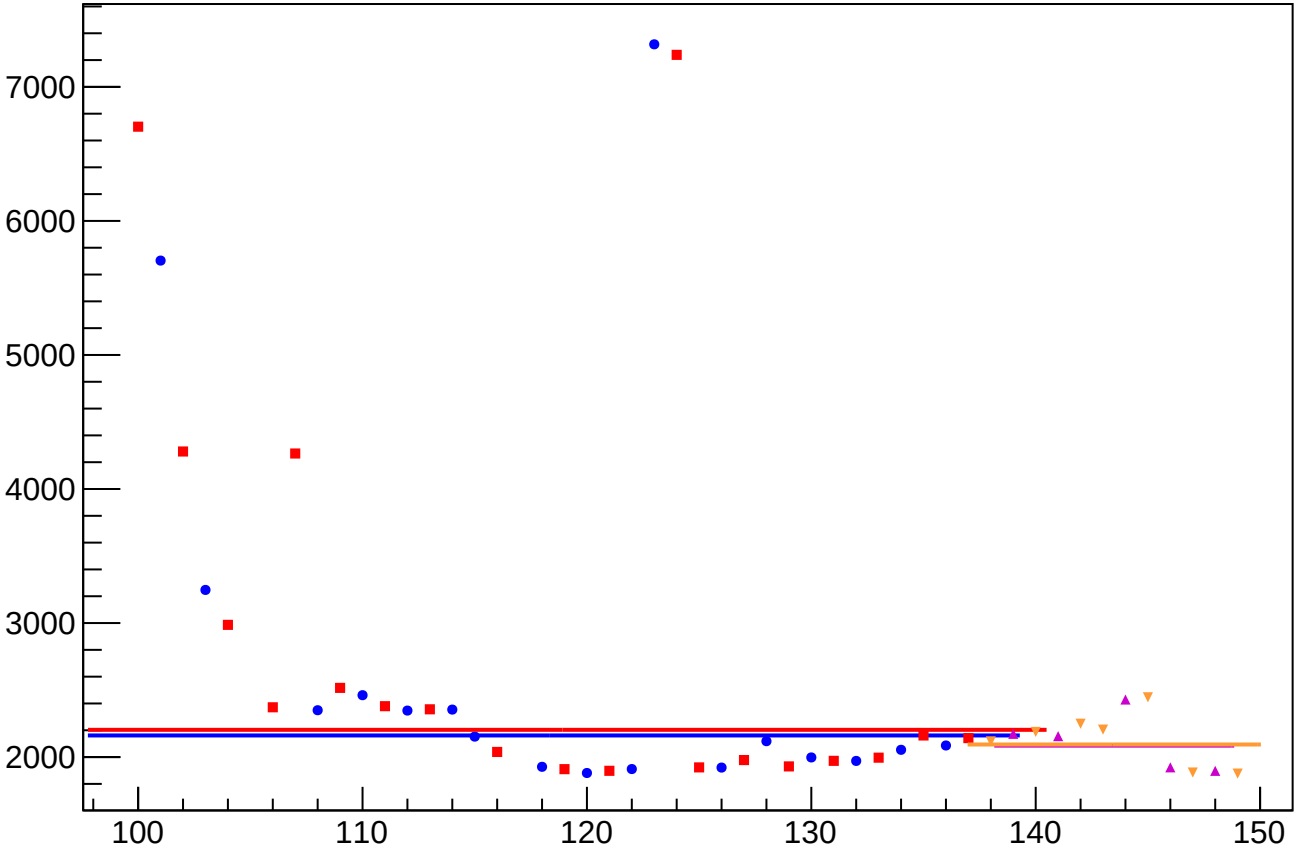
Right: 2155.591+/-605.836 χ^2/NDF: 37.1/35

In: 2631.386+/-661.026 χ^2/NDF:22.6/21

Out: 1574.641+/-631.350 χ^2/NDF:23.3/25

All: 2078.761+/-456.563 χ^2/NDF: 47.2/47

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2093.910+/-0.662 χ^2/NDF:82867.2/6

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

Left In: 2085.389+/-0.732 χ^2/NDF:65595.5/4

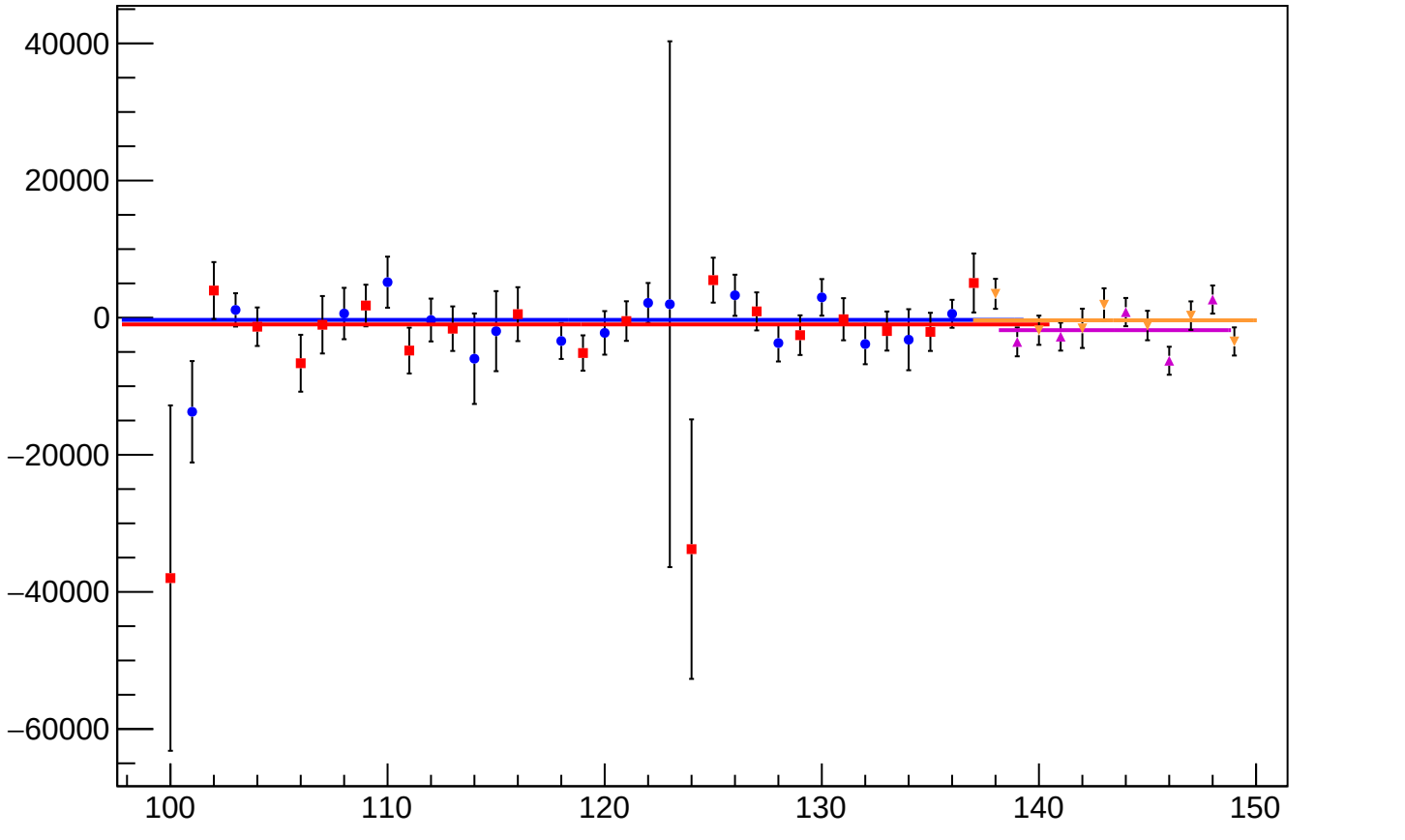
Left: 2090.074+/-0.491 χ^2/NDF: 148537.2/11

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

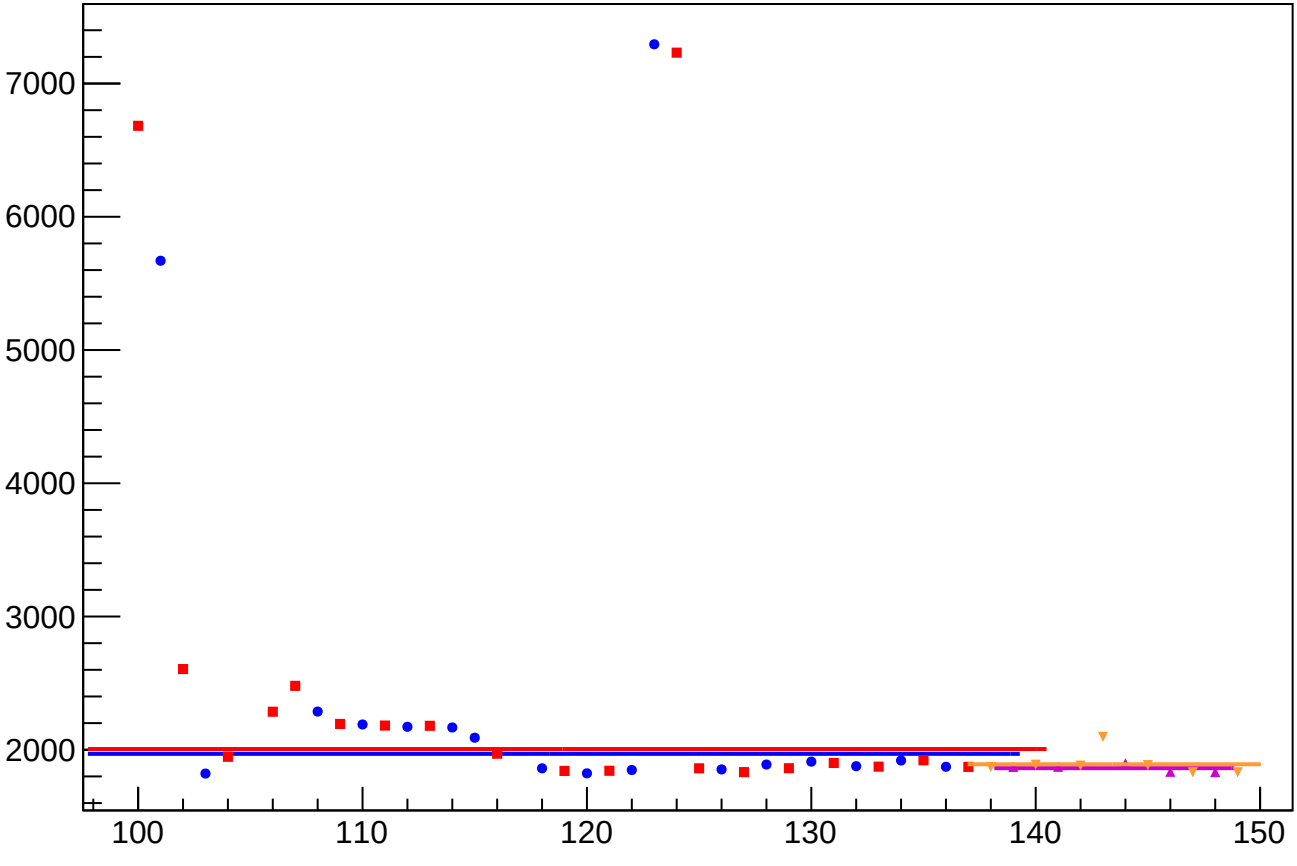
In: 2130.422+/-0.467 χ^2/NDF:783237.8/21

Out: 2153.626+/-0.446 χ^2/NDF:895156.9/25

All: 2142.556+/-0.323 χ^2/NDF: 1679683.5/47


dit_asym_at1_dd_mean vs Slug, Sign Corrected
40000
20000
0
−20000
−40000
−60000
100
110
120
130
140
150
Right In: -323.738+/-779.509 χ²/NDF: 15.7/16
Left Out: -384.553+/-842.586 χ²/NDF:7.1/6
Right Out: -985.900+/-769.924 χ²/NDF: 20.4/18
Left In: -1823.455+/-920.390 χ²/NDF:12.0/4
Left: -1040.625+/-621.487 χ²/NDF: 20.5/11
Right: -658.915+/-547.776 χ²/NDF: 36.4/35
In: -950.153+/-594.838 χ²/NDF:29.3/21
Out: -712.269+/-568.374 χ²/NDF:27.8/25
All: -825.802+/-410.938 χ²/NDF: 57.2/47

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1891.166+/-0.596 χ^2/NDF:18255.4/6

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

Left In: 1862.053+/-0.651 χ^2/NDF:1493.8/4

Left: 1877.892+/-0.439 χ^2/NDF: 20837.9/11

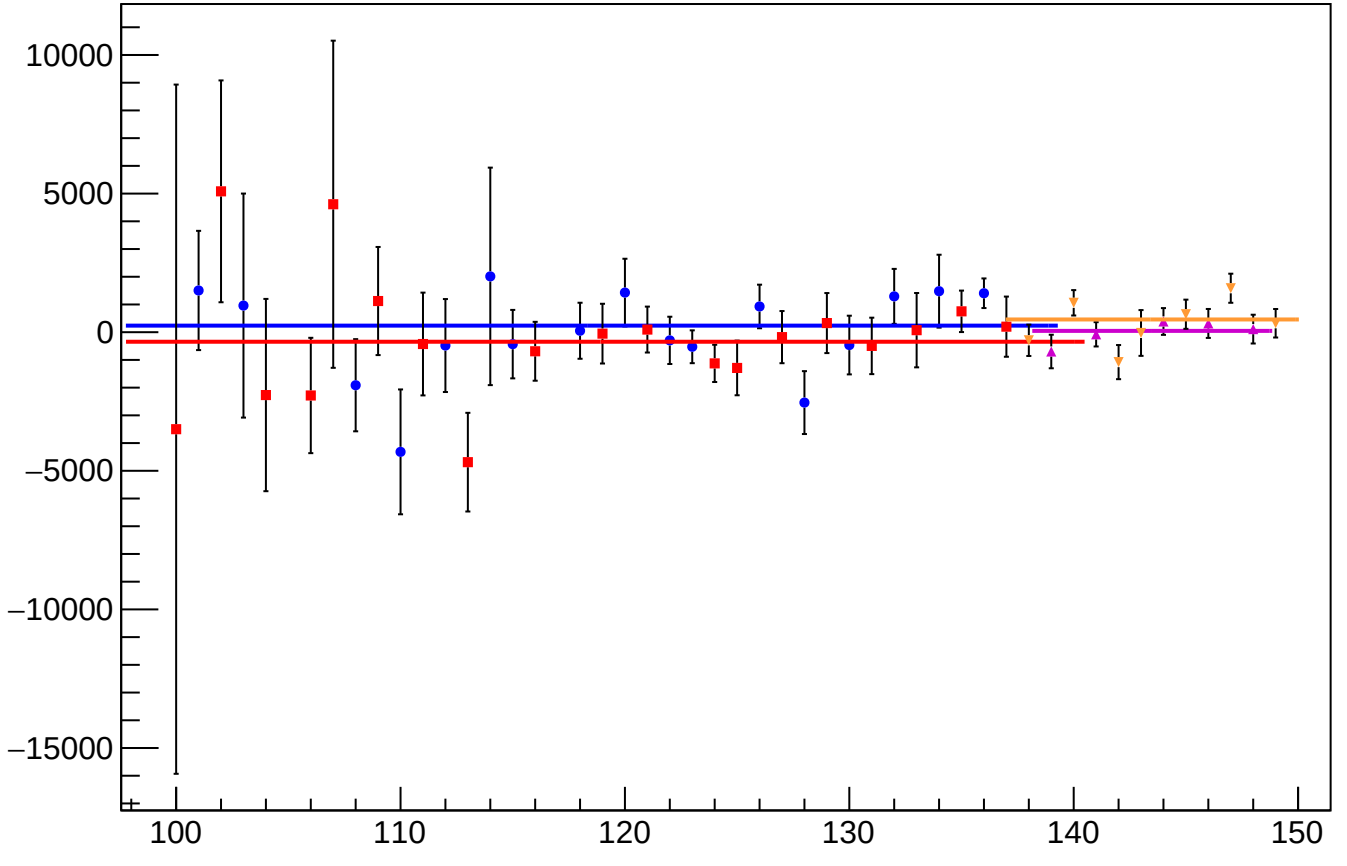
Right: 1987.746+/-0.387 χ^2/NDF: 964621.5/35

In: 1924.617+/-0.421 χ^2/NDF:620174.6/21

Out: 1953.503+/-0.402 χ^2/NDF:397987.2/25

All: 1939.717+/-0.291 χ^2/NDF: 1020627.2/47

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 459.109+/-208.381 χ^2/NDF:14.9/6

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

Left In: 47.232+/-225.812 χ^2/NDF:2.4/4

Left: 269.679+/-153.140 χ^2/NDF: 19.1/11

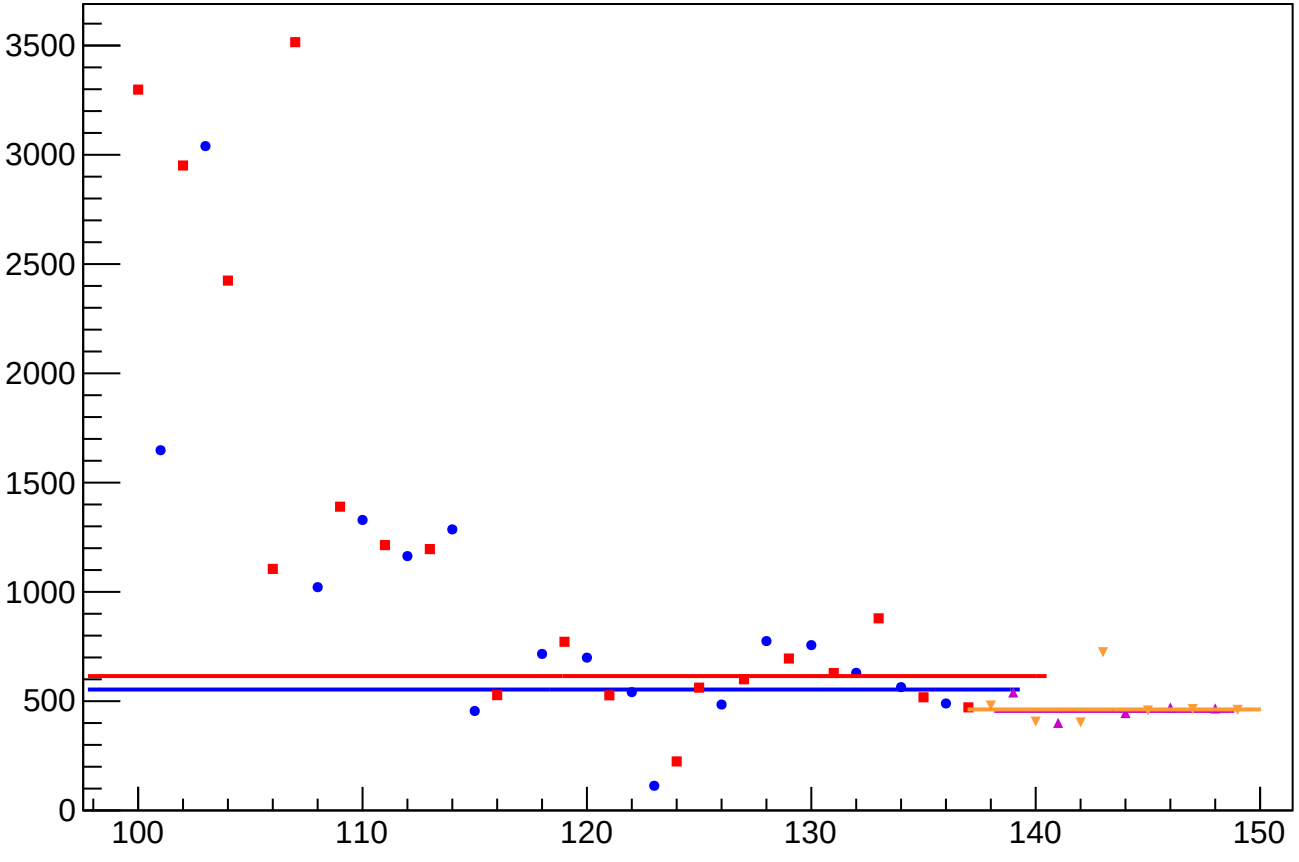
Right: -31.357+/-182.424 χ^2/NDF: 42.4/35

In: 132.959+/-167.151 χ^2/NDF:26.6/21

Out: 157.140+/-164.624 χ^2/NDF:36.5/25

All: 145.233+/-117.290 χ^2/NDF: 63.0/47

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 462.185+/-0.147 χ^2/NDF:251344.5/6

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

Left In: 455.512+/-0.160 χ^2/NDF:73843.1/4

Left: 459.116+/-0.108 χ^2/NDF: 326130.9/11

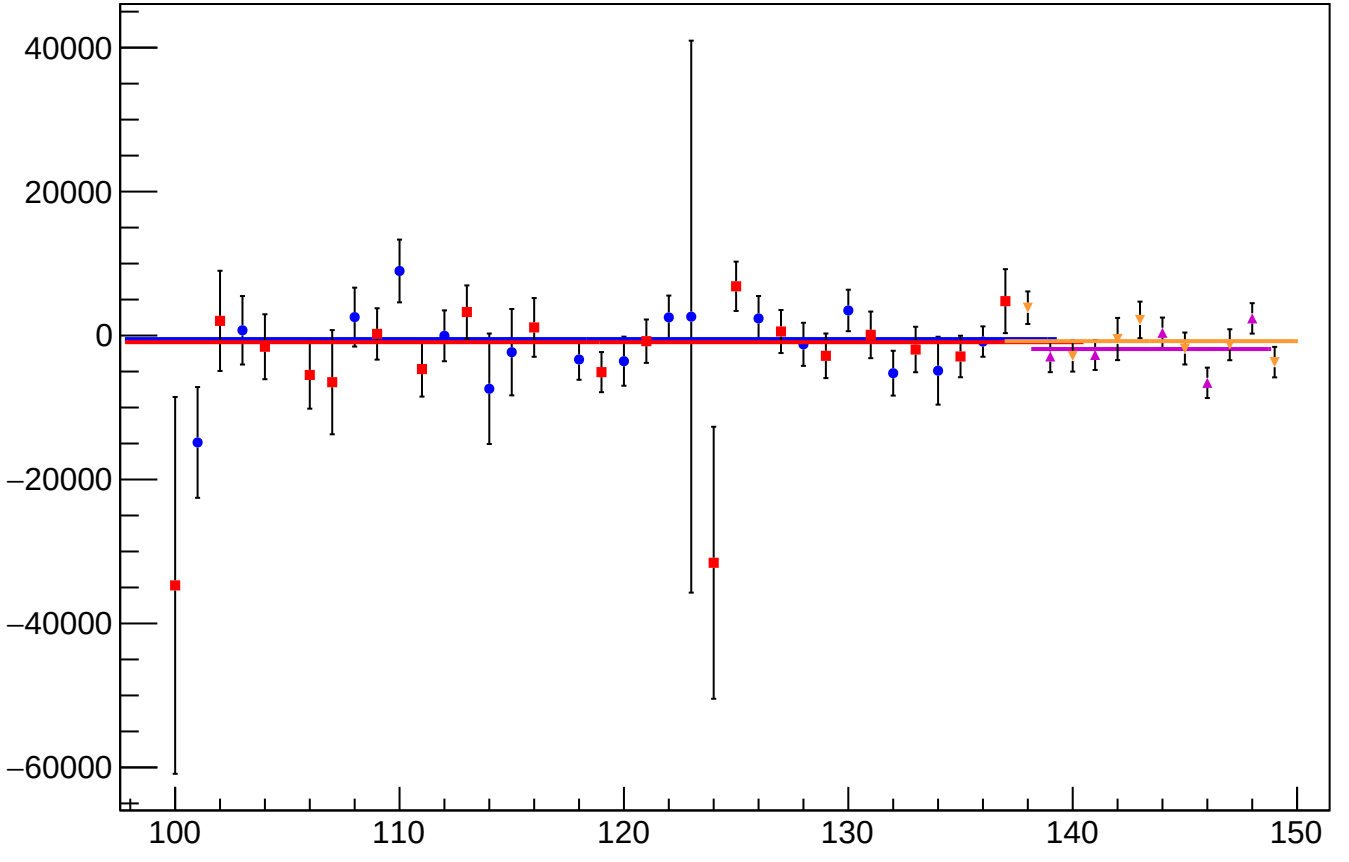
Right: 581.688+/-0.129 χ^2/NDF: 7038937.4/35

In: 499.710+/-0.118 χ^2/NDF:3656075.6/21

Out: 519.560+/-0.116 χ^2/NDF:4224336.6/25

All: 509.786+/-0.083 χ^2/NDF: 7894730.2/47

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -776.021+/-870.776 χ^2/NDF:8.6/6

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

Left In: -1874.417+/-949.078 χ^2/NDF:10.5/4

Left: -1278.046+/-641.631 χ^2/NDF: 19.8/11

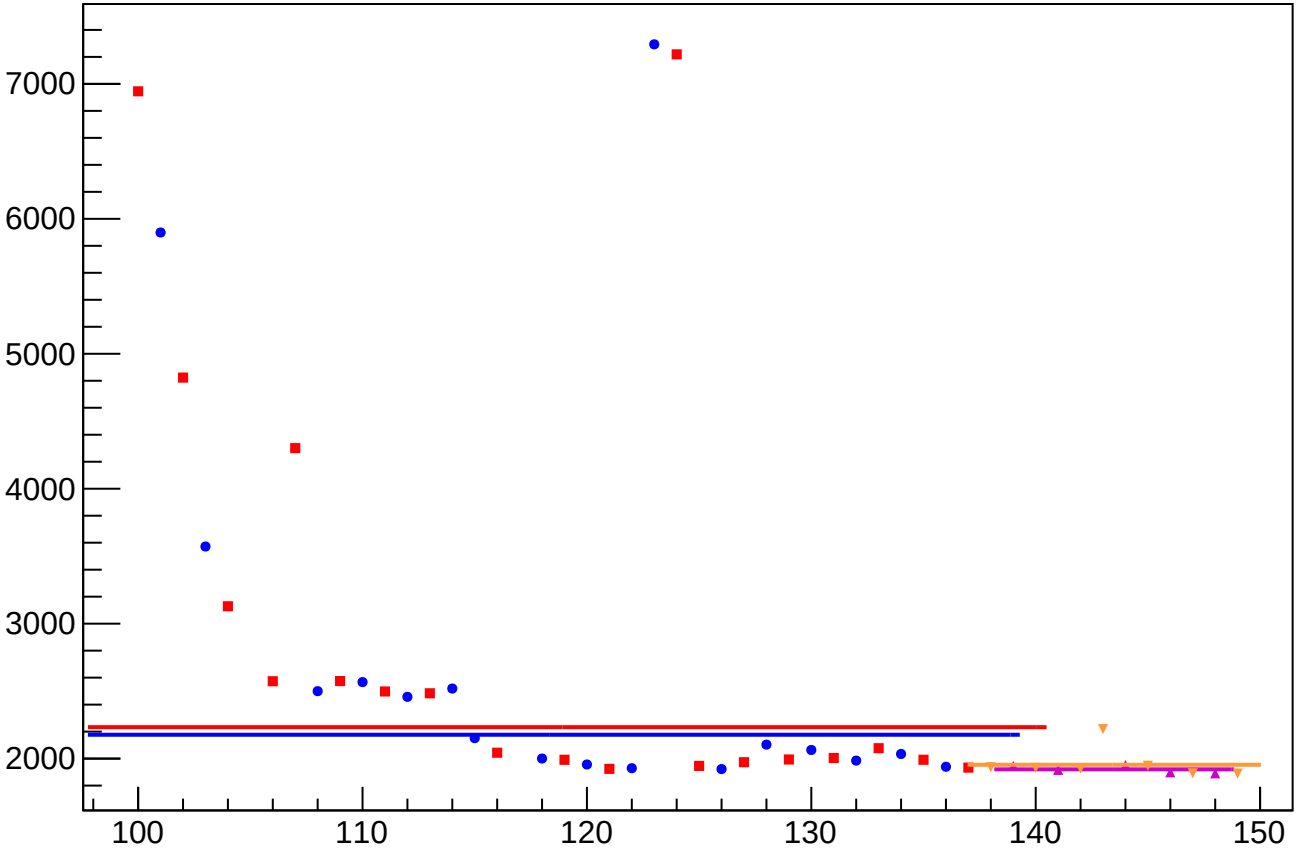
Right: -706.757+/-613.998 χ^2/NDF: 37.6/35

In: -1121.605+/-640.513 χ^2/NDF:30.2/21

Out: -849.141+/-614.983 χ^2/NDF:27.6/25

All: -979.835+/-443.610 χ^2/NDF: 57.9/47

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1954.037+/-0.616 χ^2/NDF:25811.9/6

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

Left In: 1920.350+/-0.671 χ^2/NDF:1335.2/4

Left: 1938.640+/-0.454 χ^2/NDF: 28515.1/11

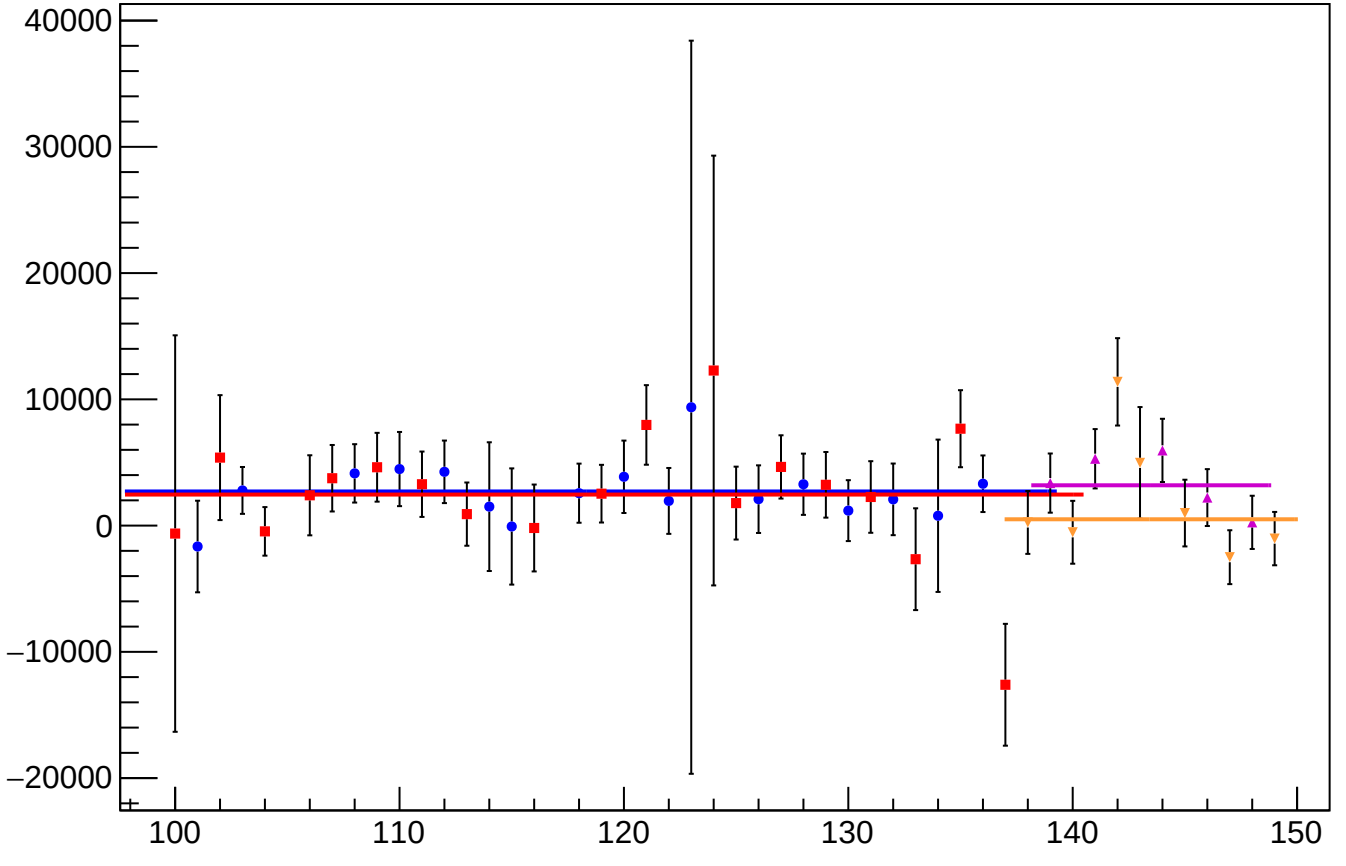
Right: 2204.793+/-0.434 χ^2/NDF: 1697410.2/35

In: 2059.968+/-0.453 χ^2/NDF:883496.7/21

Out: 2093.799+/-0.435 χ^2/NDF:1019159.9/25

All: 2077.571+/-0.314 χ^2/NDF: 1905559.9/47

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508+/-673.898 χ^2/NDF: 4.0/16

Left Out: 500.229+/-978.621 χ^2/NDF:13.6/6

Right Out: 2458.734+/-682.630 χ^2/NDF: 23.2/18

Left In: 3192.785+/-1028.864 χ^2/NDF:4.1/4

Left: 1779.161+/-709.086 χ^2/NDF: 21.4/11

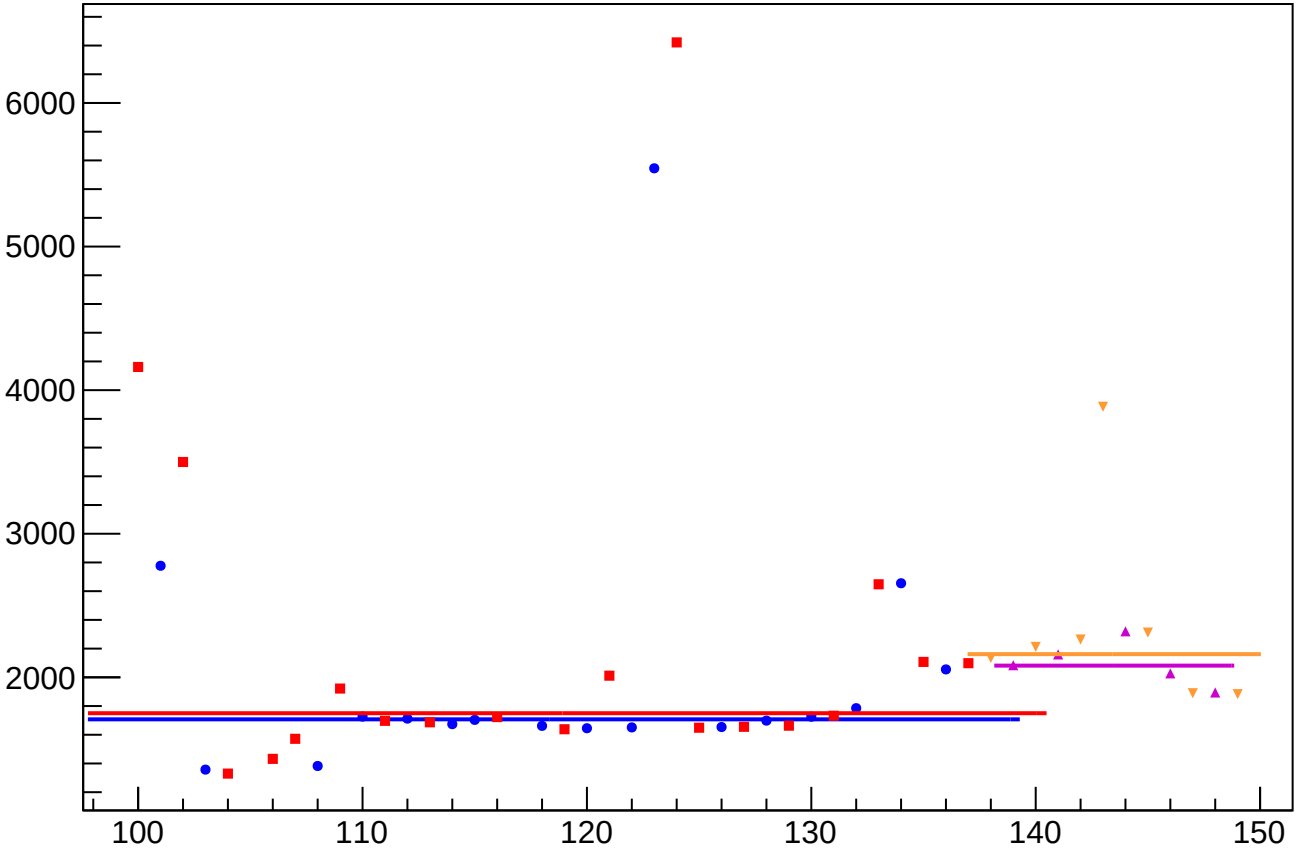
Right: 2582.696+/-479.575 χ^2/NDF: 27.3/35

In: 2850.398+/-563.736 χ^2/NDF:8.3/21

Out: 1817.698+/-559.878 χ^2/NDF:39.6/25

All: 2330.502+/-397.251 χ^2/NDF: 49.6/47

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2161.359+/-0.692 χ^2/NDF:380365.2/6

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

Left In: 2081.526+/-0.728 χ^2/NDF:37301.2/4

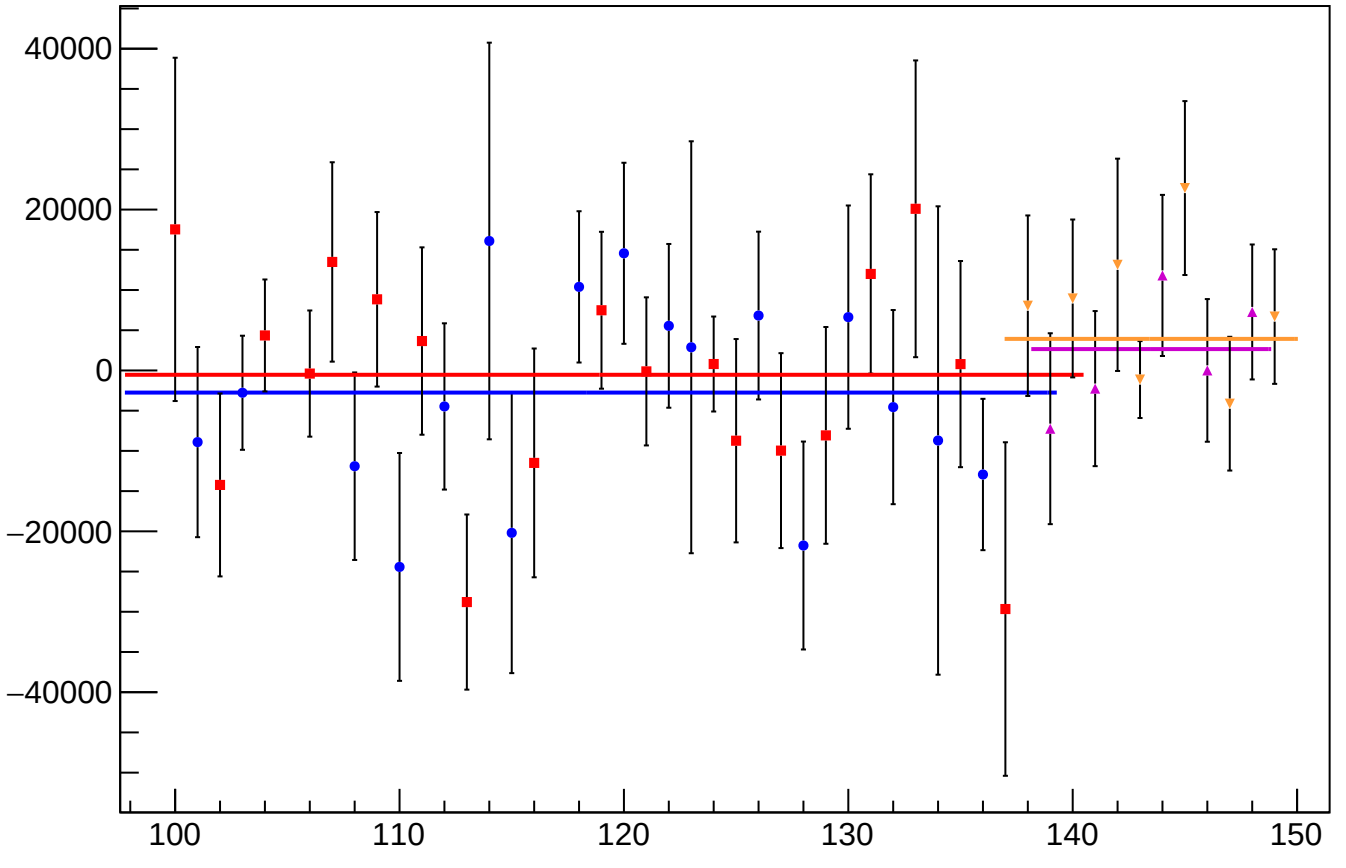
Left: 2123.439+/-0.501 χ^2/NDF: 423988.3/11

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

In: 1819.709+/-0.399 χ^2/NDF:644541.5/21

Out: 1884.669+/-0.396 χ^2/NDF:1364489.5/25

All: 1852.418+/-0.281 χ^2/NDF: 2022402.6/47



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

Left Out: 3925.109+/-3083.916 χ^2/NDF:6.1/6

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

Left In: 2656.346+/-4273.560 χ^2/NDF:2.2/4

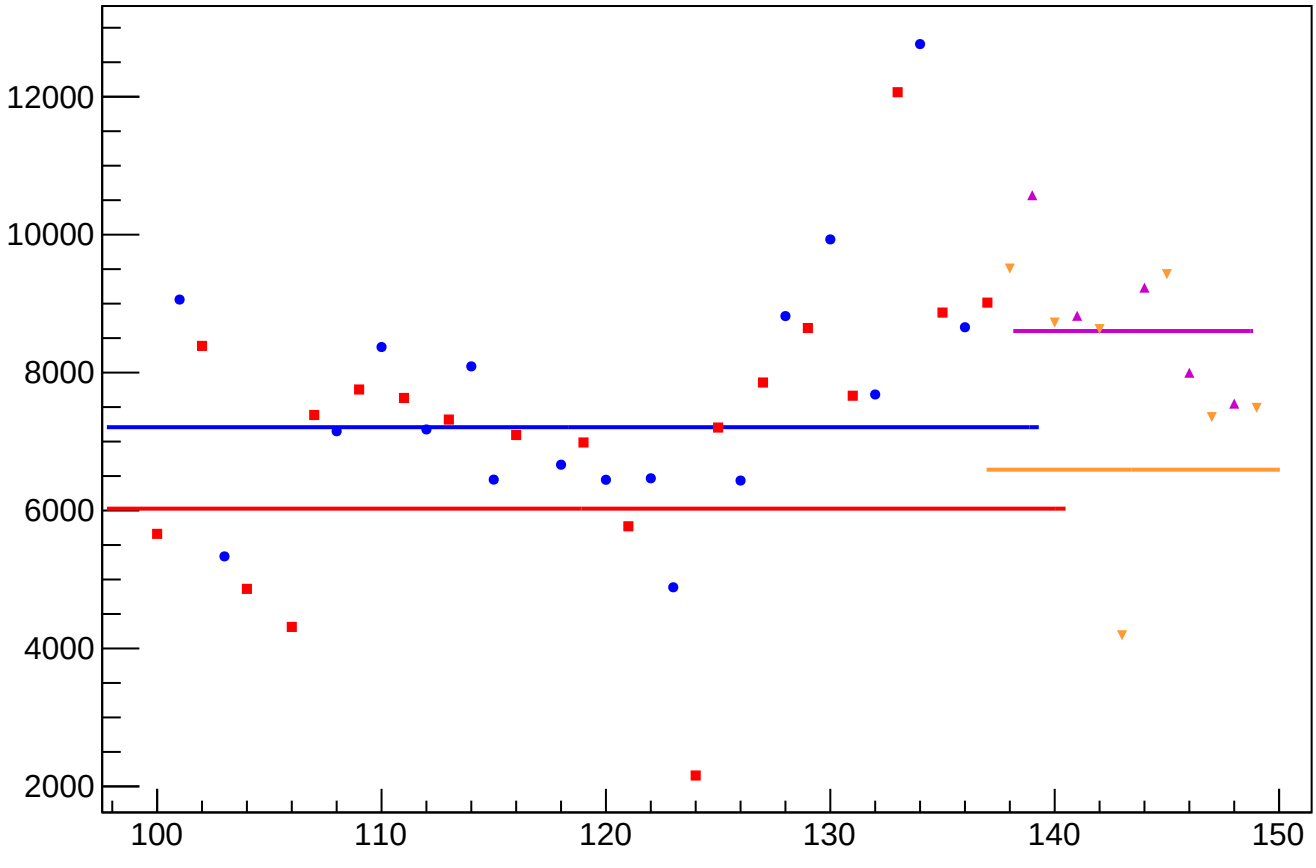
Left: 3490.650+/-2500.773 χ^2/NDF: 8.3/11

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

In: -1092.382+/-2366.715 χ^2/NDF:17.9/21

Out: 1166.961+/-1906.233 χ^2/NDF:25.8/25

All: 277.977+/-1484.575 χ^2/NDF: 44.3/47



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

Left Out: 6592.310+/-2.181 χ^2/NDF:959264.7/6

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

Left In: 8602.832+/-3.022 χ^2/NDF:104832.3/4

Left: 7280.768+/-1.768 χ^2/NDF: 1355176.4/11

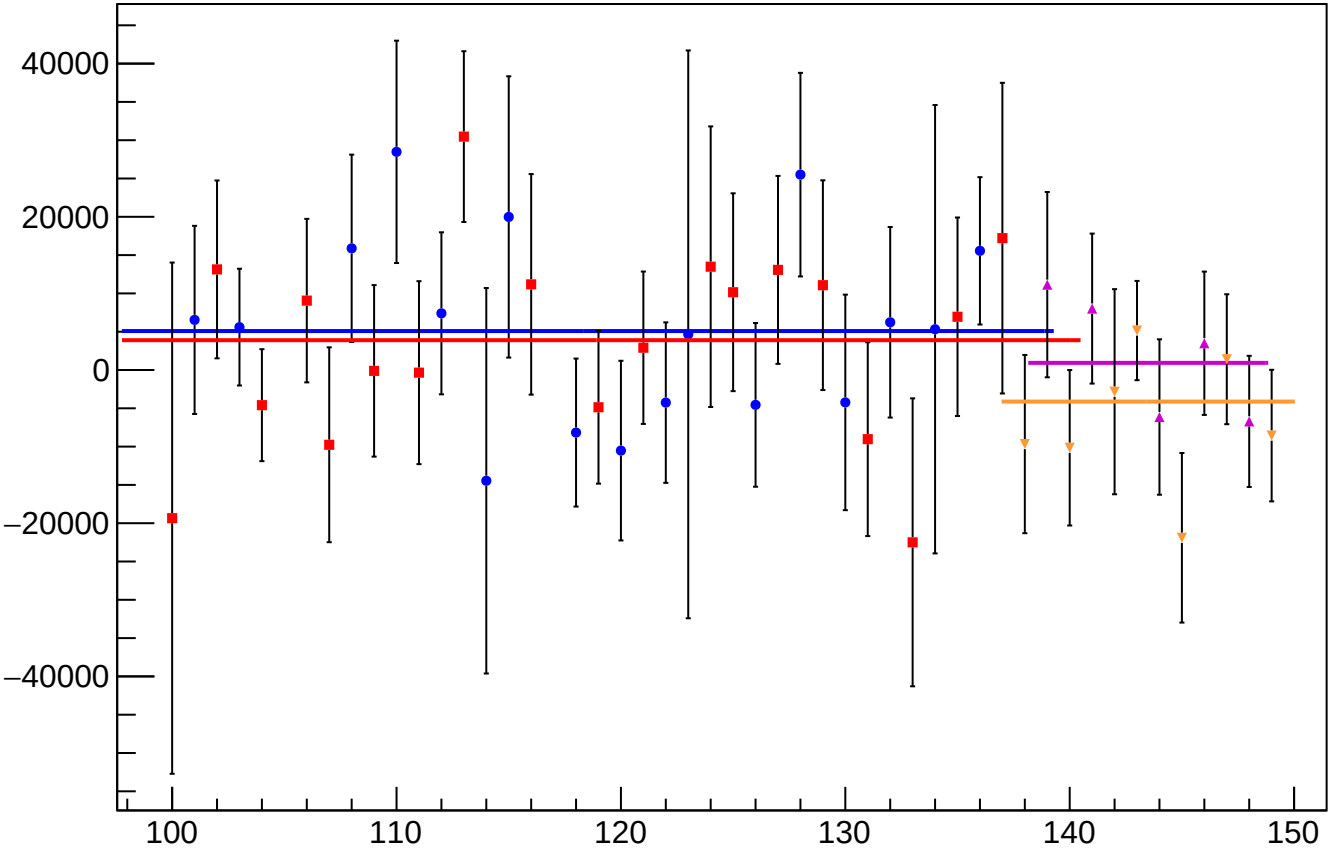
Right: 6524.876+/-1.304 χ^2/NDF: 2491712.1/35

In: 7636.033+/-1.674 χ^2/NDF:746220.9/21

Out: 6243.243+/-1.348 χ^2/NDF:2798889.6/25

All: 6791.265+/-1.050 χ^2/NDF: 3965219.1/47

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -4121.658+/-3489.708 χ^2/NDF:5.9/6

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

Left In: 932.998+/-4382.879 χ^2/NDF:2.6/4

Left: -2160.510+/-2730.039 χ^2/NDF: 9.3/11

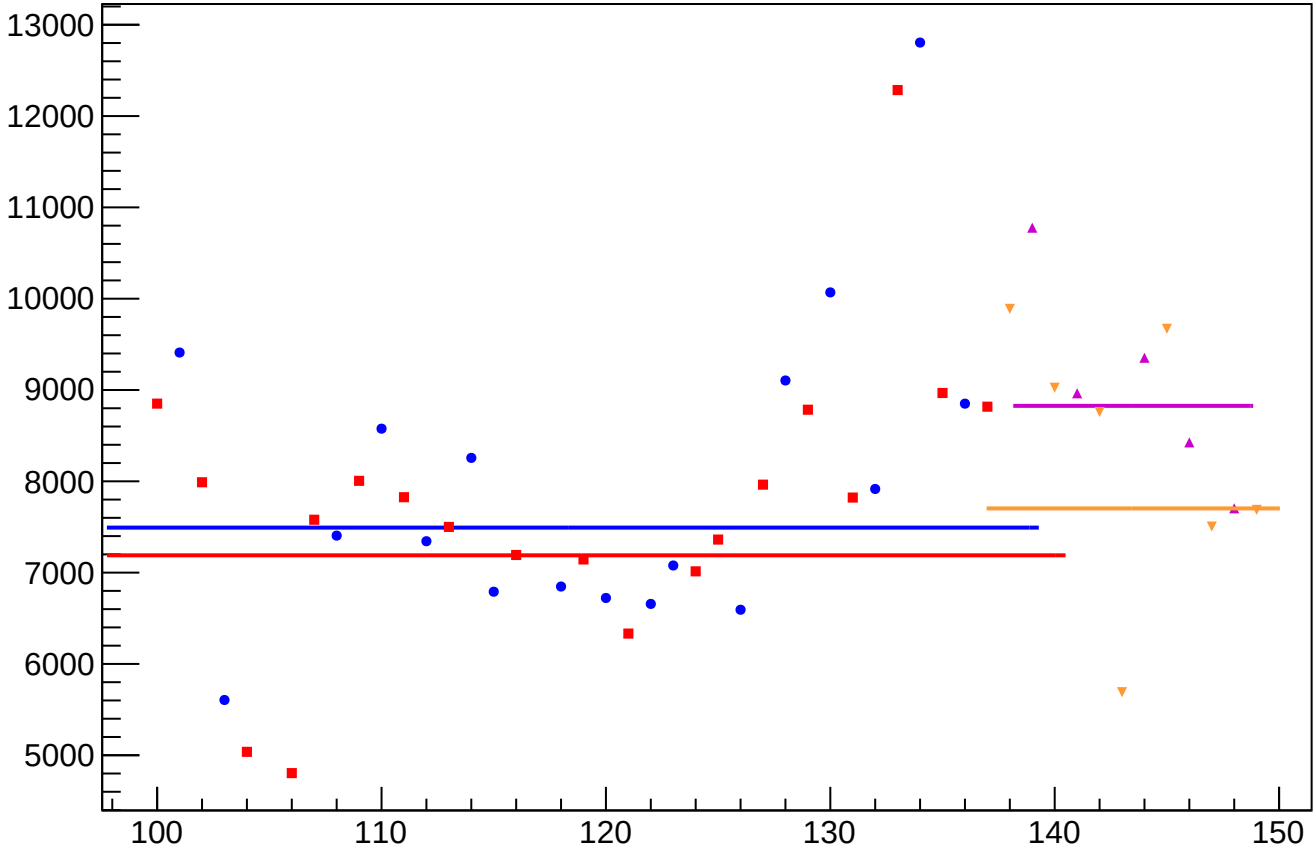
Right: 4454.101+/-2028.836 χ^2/NDF: 29.7/35

In: 3787.057+/-2450.280 χ^2/NDF:17.2/21

Out: 766.766+/-2179.291 χ^2/NDF:24.8/25

All: 2100.725+/-1628.405 χ^2/NDF: 42.8/47

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7703.151+/-2.468 χ^2/NDF:374217.8/6

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

Left In: 8826.470+/-3.099 χ^2/NDF:95858.5/4

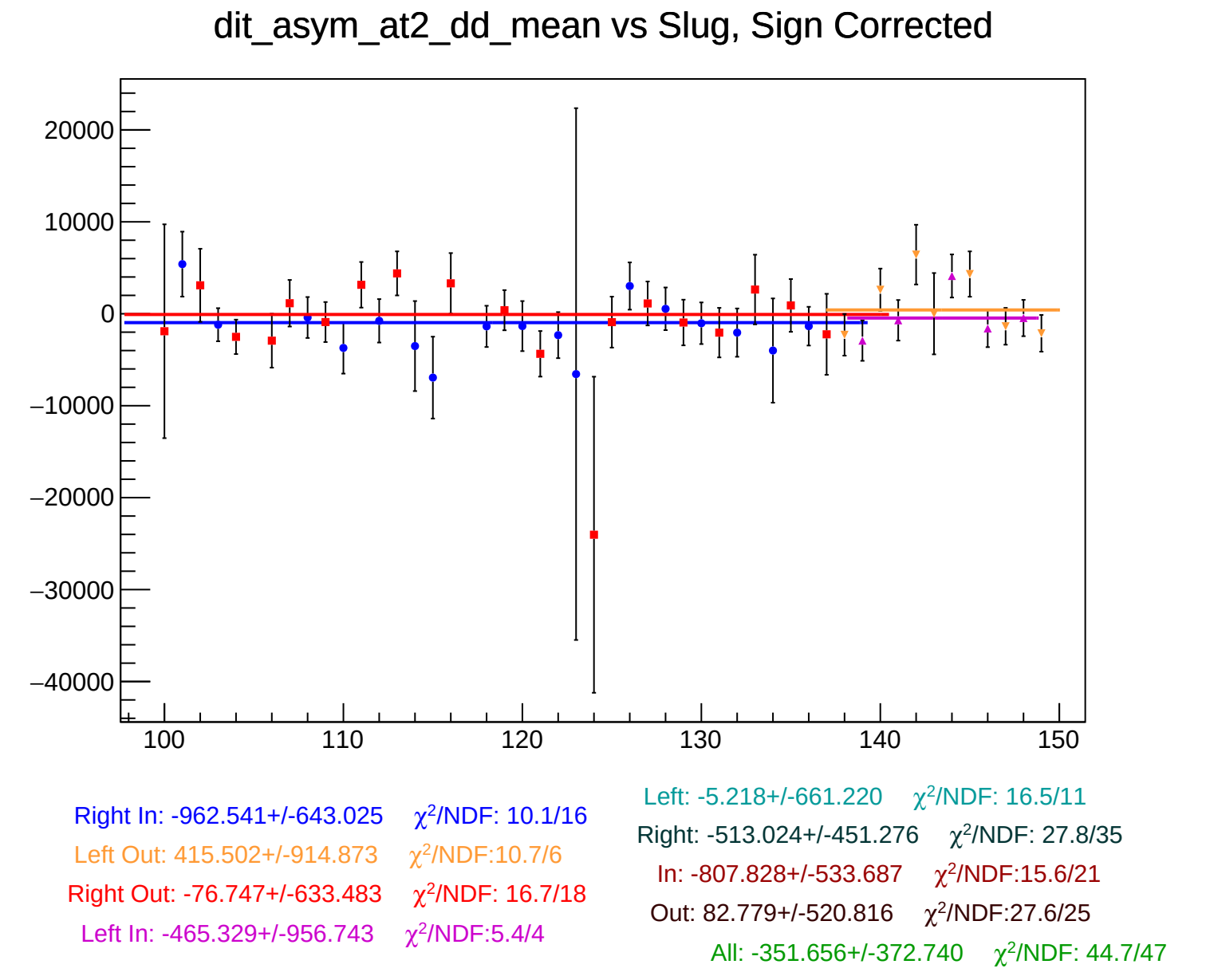
Left: 8138.986+/-1.930 χ^2/NDF: 550480.2/11

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

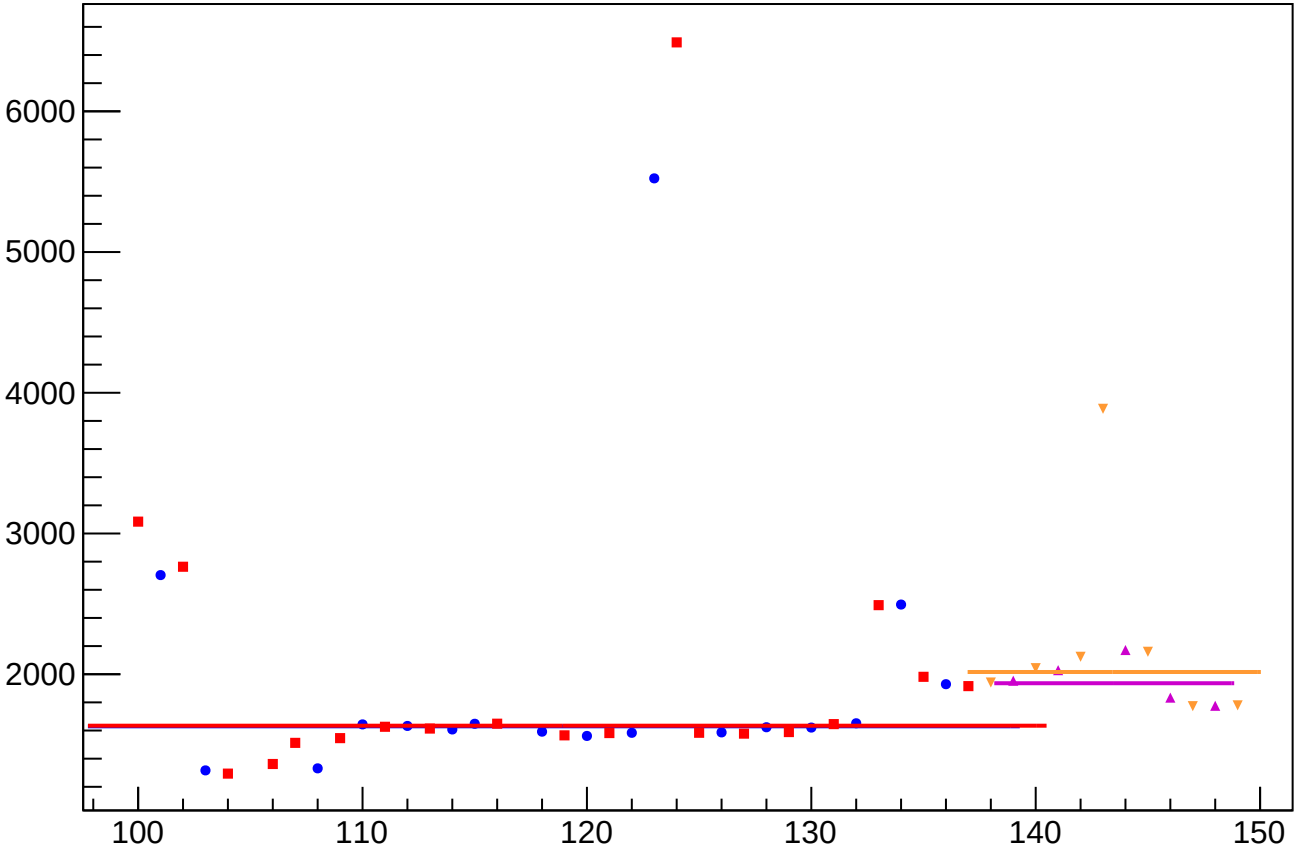
In: 7909.698+/-1.733 χ^2/NDF:660229.4/21

Out: 7389.789+/-1.541 χ^2/NDF:961545.6/25

All: 7619.400+/-1.151 χ^2/NDF: 1672053.9/47


dit_asym_at2_dd_mean vs Slug, Sign Corrected
20000
10000
0
−10000
−20000
−30000
−40000
100
110
120
130
140
150
Right In: -962.541+/-643.025 χ²/NDF: 10.1/16
Left Out: 415.502+/-914.873 χ²/NDF:10.7/6
Right Out: -76.747+/-633.483 χ²/NDF: 16.7/18
Left In: -465.329+/-956.743 χ²/NDF:5.4/4
Left: -5.218+/-661.220 χ²/NDF: 16.5/11
Right: -513.024+/-451.276 χ²/NDF: 27.8/35
In: -807.828+/-533.687 χ²/NDF:15.6/21
Out: 82.779+/-520.816 χ²/NDF:27.6/25
All: -351.656+/-372.740 χ²/NDF: 44.7/47

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2015.904+/-0.647 χ^2/NDF:426768.2/6

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

Left In: 1936.022+/-0.677 χ^2/NDF:42151.7/4

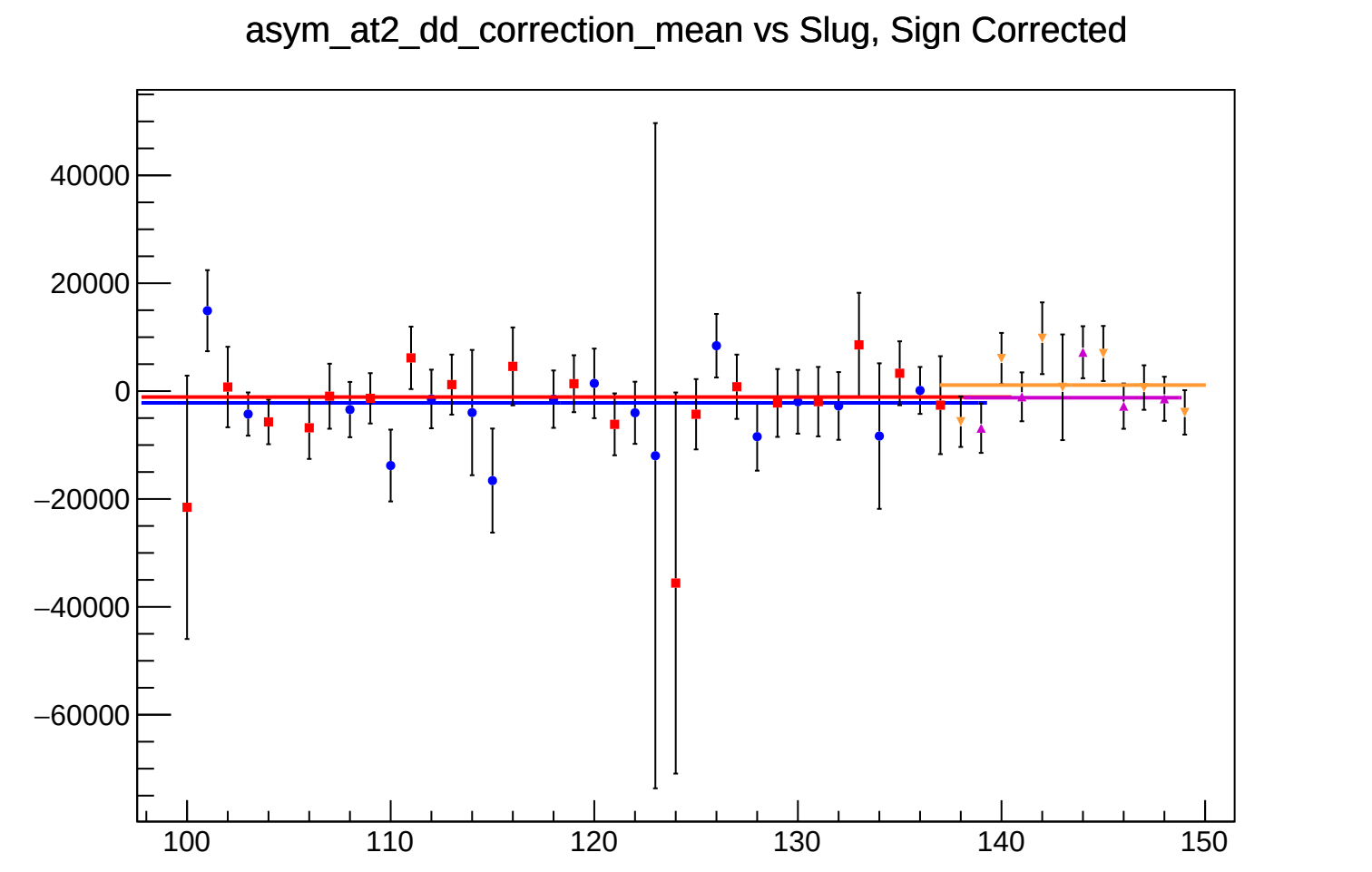
Left: 1977.749+/-0.468 χ^2/NDF: 476202.8/11

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

In: 1725.190+/-0.377 χ^2/NDF:591295.5/21

Out: 1757.940+/-0.368 χ^2/NDF:1250667.0/25

All: 1741.964+/-0.264 χ^2/NDF: 1845820.1/47



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

Left Out: 1123.848+/-1891.908 χ^2/NDF:7.7/6

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

Left In: -1224.854+/-1976.810 χ^2/NDF:4.7/4

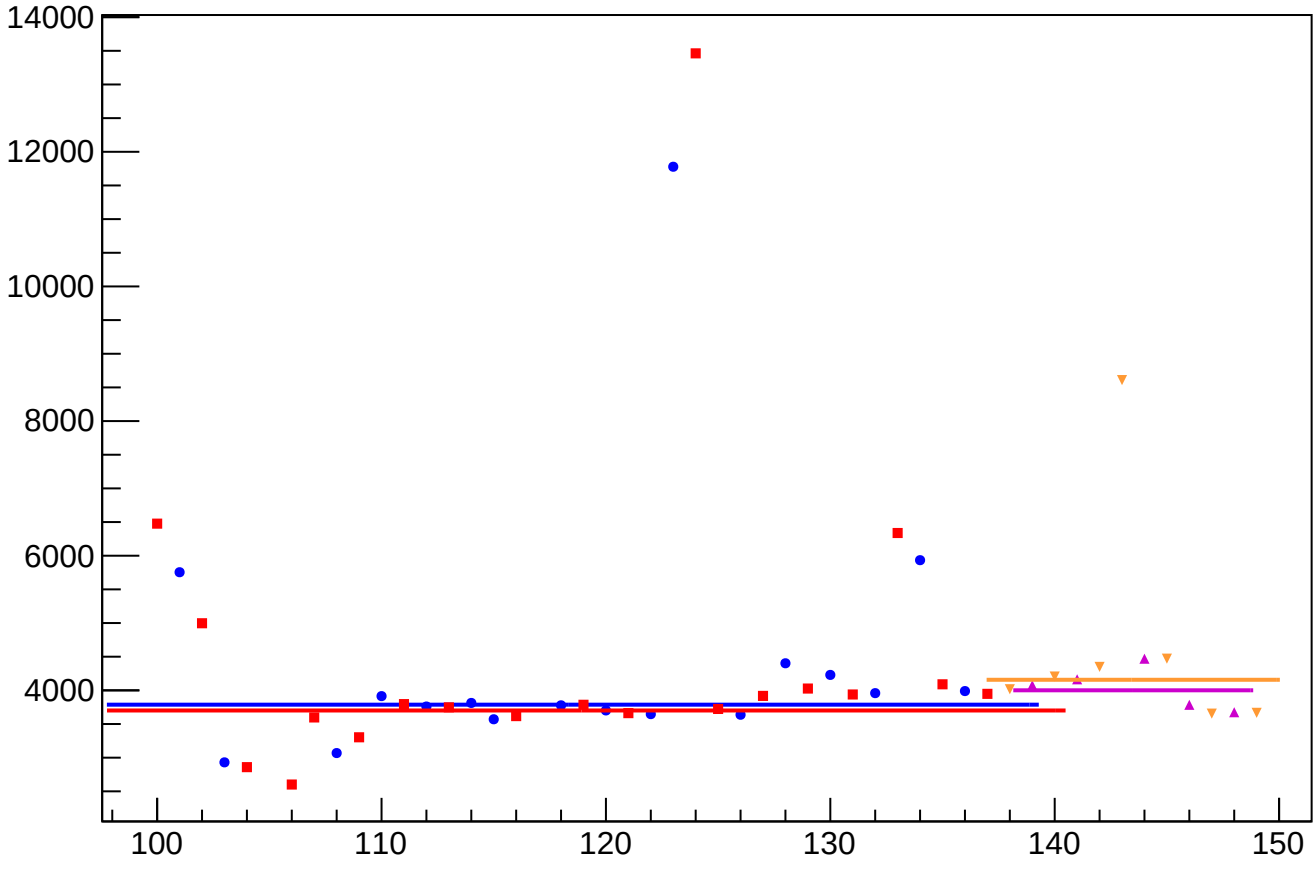
Left: 1.016+/-1366.811 χ^2/NDF: 13.2/11

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

In: -1832.578+/-1191.400 χ^2/NDF:20.9/21

Out: -283.330+/-1145.755 χ^2/NDF:17.9/25

All: -1027.709+/-825.837 χ^2/NDF: 39.6/47



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

Left Out: 4157.135+/-1.338 χ^2/NDF:482317.0/6

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

Left In: 4000.771+/-1.398 χ^2/NDF:40010.1/4

Left: 4082.383+/-0.966 χ^2/NDF: 528858.2/11

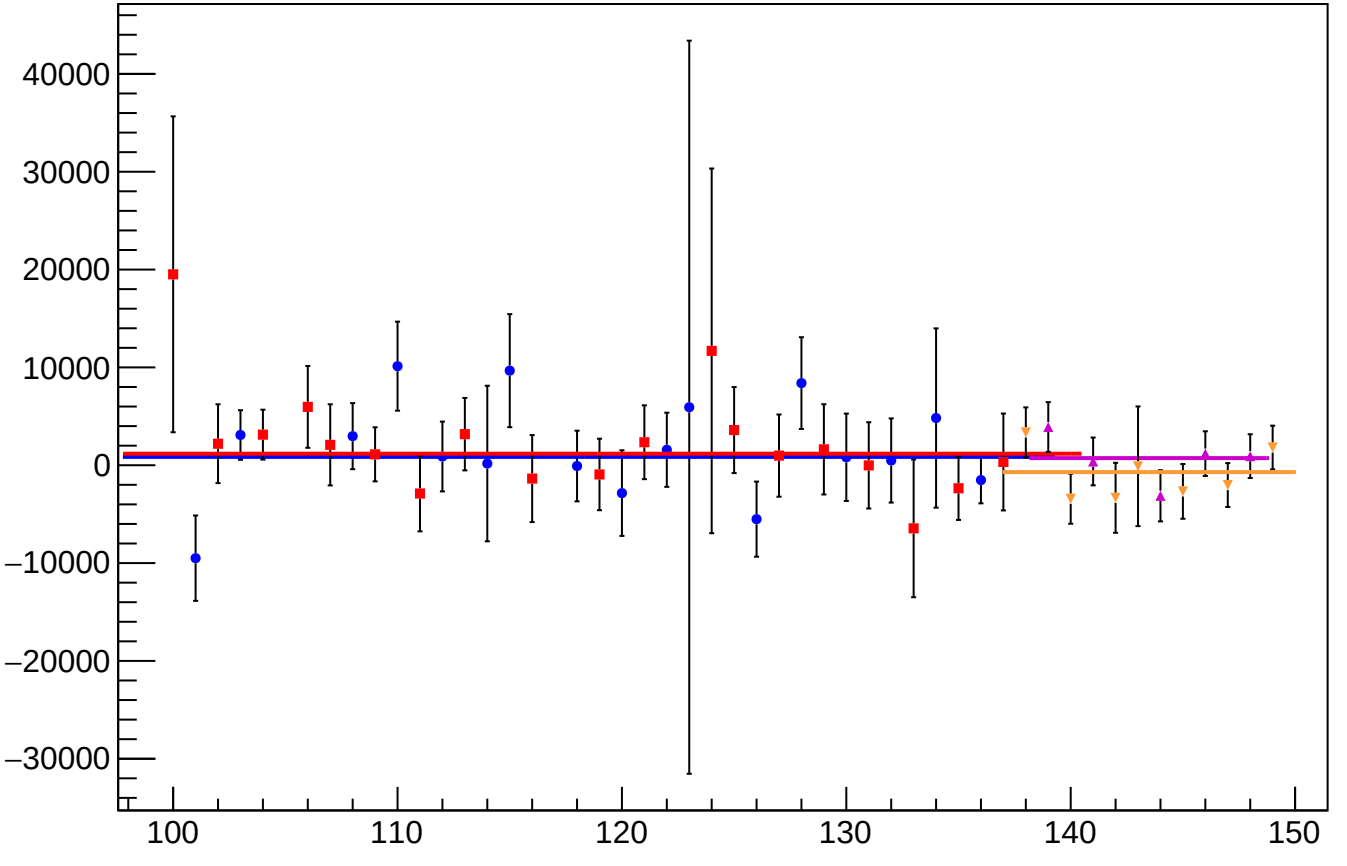
Right: 3742.549+/-0.733 χ^2/NDF: 977213.6/35

In: 3864.841+/-0.842 χ^2/NDF:447511.9/21

Out: 3868.245+/-0.810 χ^2/NDF:1137053.0/25

All: 3866.609+/-0.584 χ^2/NDF: 1584573.4/47

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187+/-964.743 χ^2/NDF: 20.7/16

Left Out: -698.890+/-1032.959 χ^2/NDF:6.3/6

Right Out: 1178.044+/-925.669 χ^2/NDF: 8.6/18

Left In: 729.035+/-1078.385 χ^2/NDF:3.8/4

Left: -15.635+/-745.955 χ^2/NDF: 11.0/11

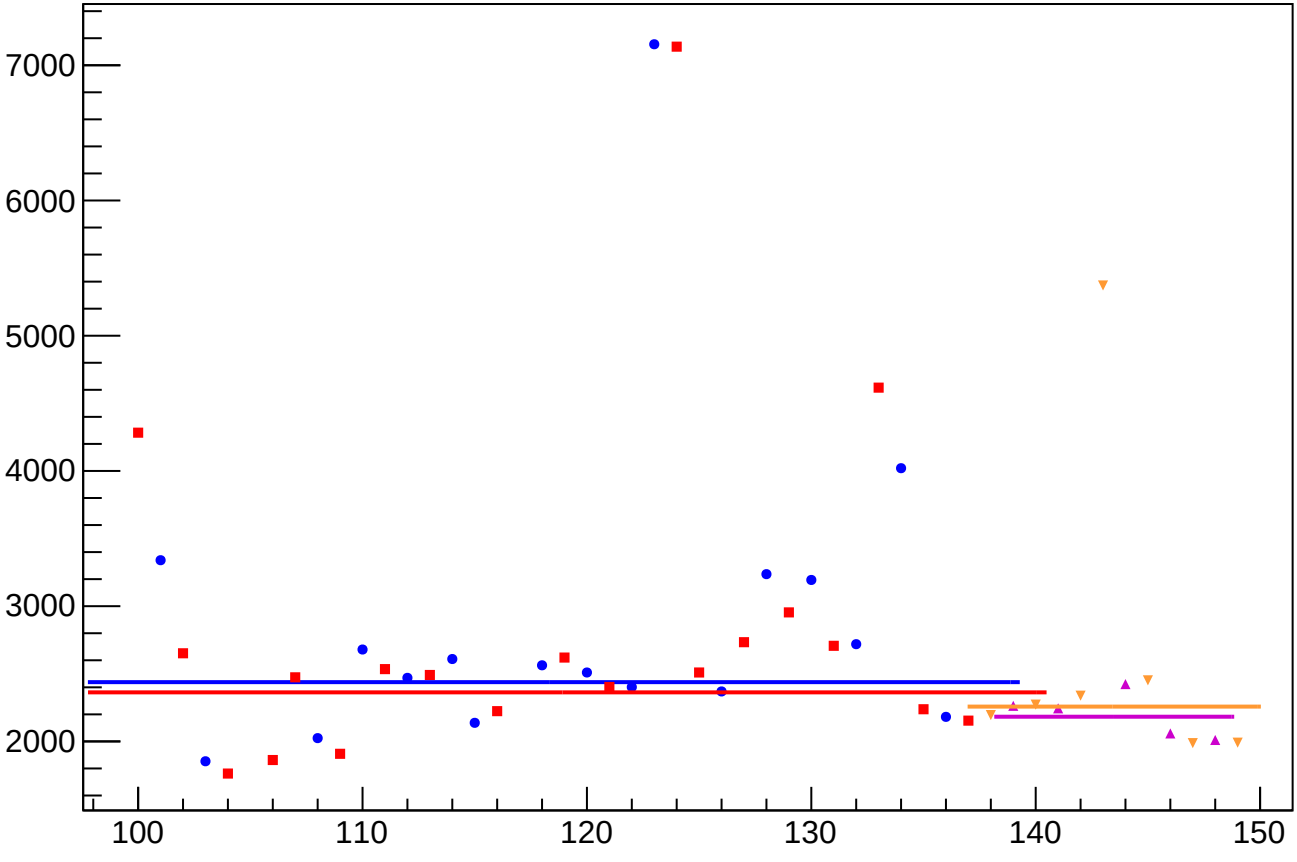
Right: 1023.765+/-667.934 χ^2/NDF: 29.3/35

In: 799.662+/-719.009 χ^2/NDF:24.5/21

Out: 342.084+/-689.368 χ^2/NDF:16.7/25

All: 561.247+/-497.606 χ^2/NDF: 41.4/47

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2257.484+/-0.730 χ^2/NDF:588013.4/6

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

Left In: 2182.664+/-0.763 χ^2/NDF:37959.3/4

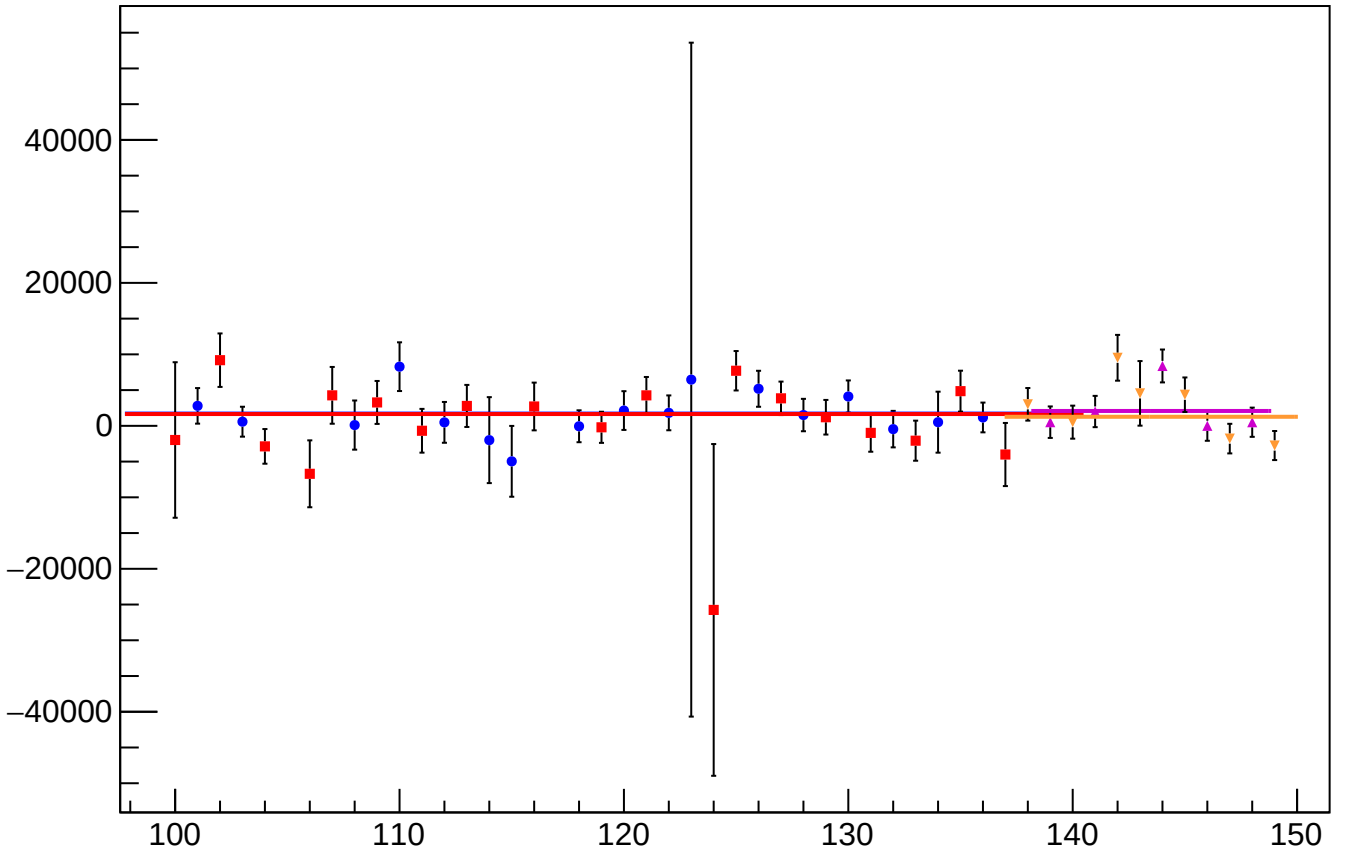
Left: 2221.683+/-0.527 χ^2/NDF: 630993.5/11

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

In: 2324.643+/-0.508 χ^2/NDF:577097.4/21

Out: 2315.860+/-0.487 χ^2/NDF:1257055.9/25

All: 2320.067+/-0.352 χ^2/NDF: 1834308.8/47



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

Left Out: 1268.211+/-923.458 χ^2/NDF:15.6/6

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

Left In: 2080.940+/-966.073 χ^2/NDF:9.6/4

Left: 1656.255+/-667.541 χ^2/NDF: 25.5/11

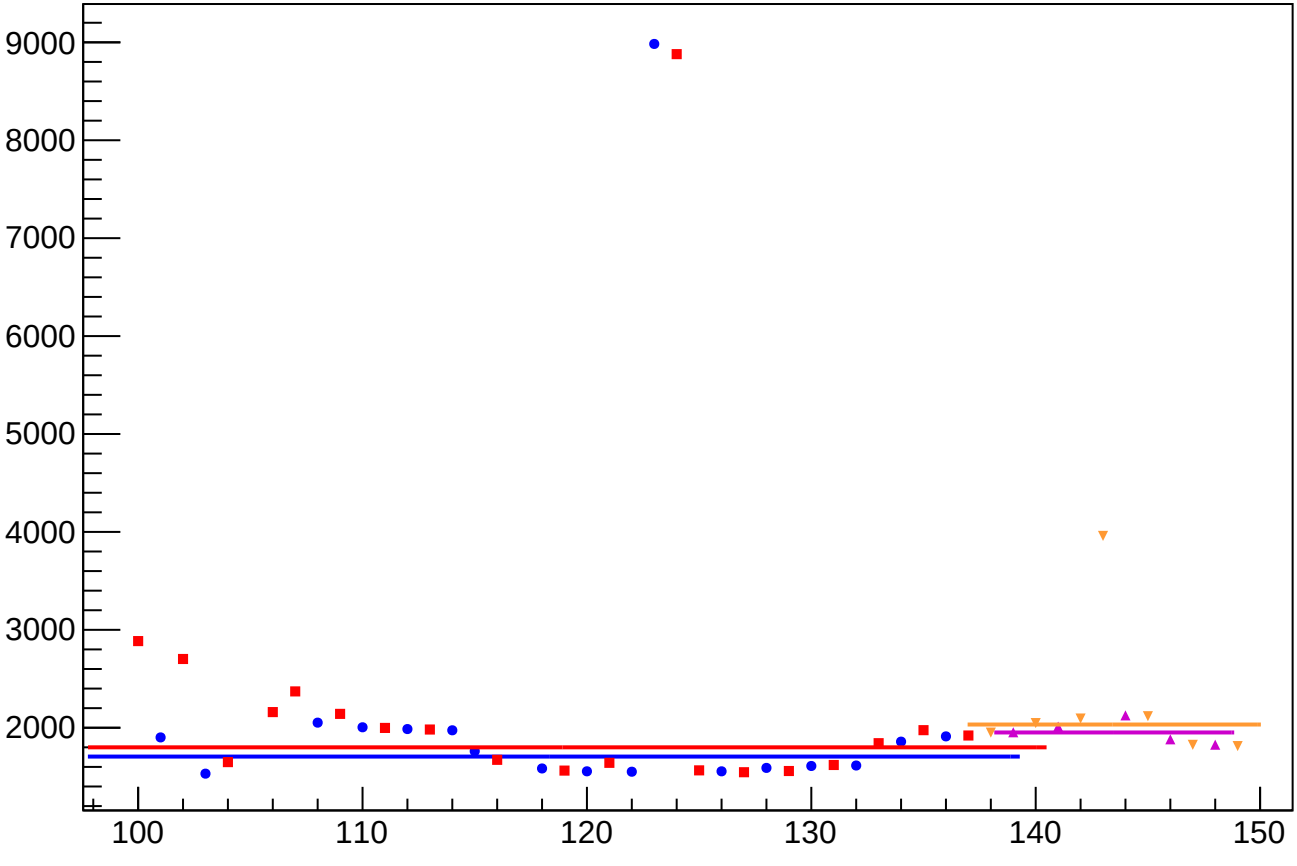
Right: 1682.780+/-481.052 χ^2/NDF: 38.3/35

In: 1831.516+/-548.969 χ^2/NDF:21.0/21

Out: 1512.461+/-554.939 χ^2/NDF:42.6/25

All: 1673.714+/-390.273 χ^2/NDF: 63.9/47

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2032.906+/-0.653 χ^2/NDF:413053.3/6

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

Left In: 1951.770+/-0.683 χ^2/NDF:22676.8/4

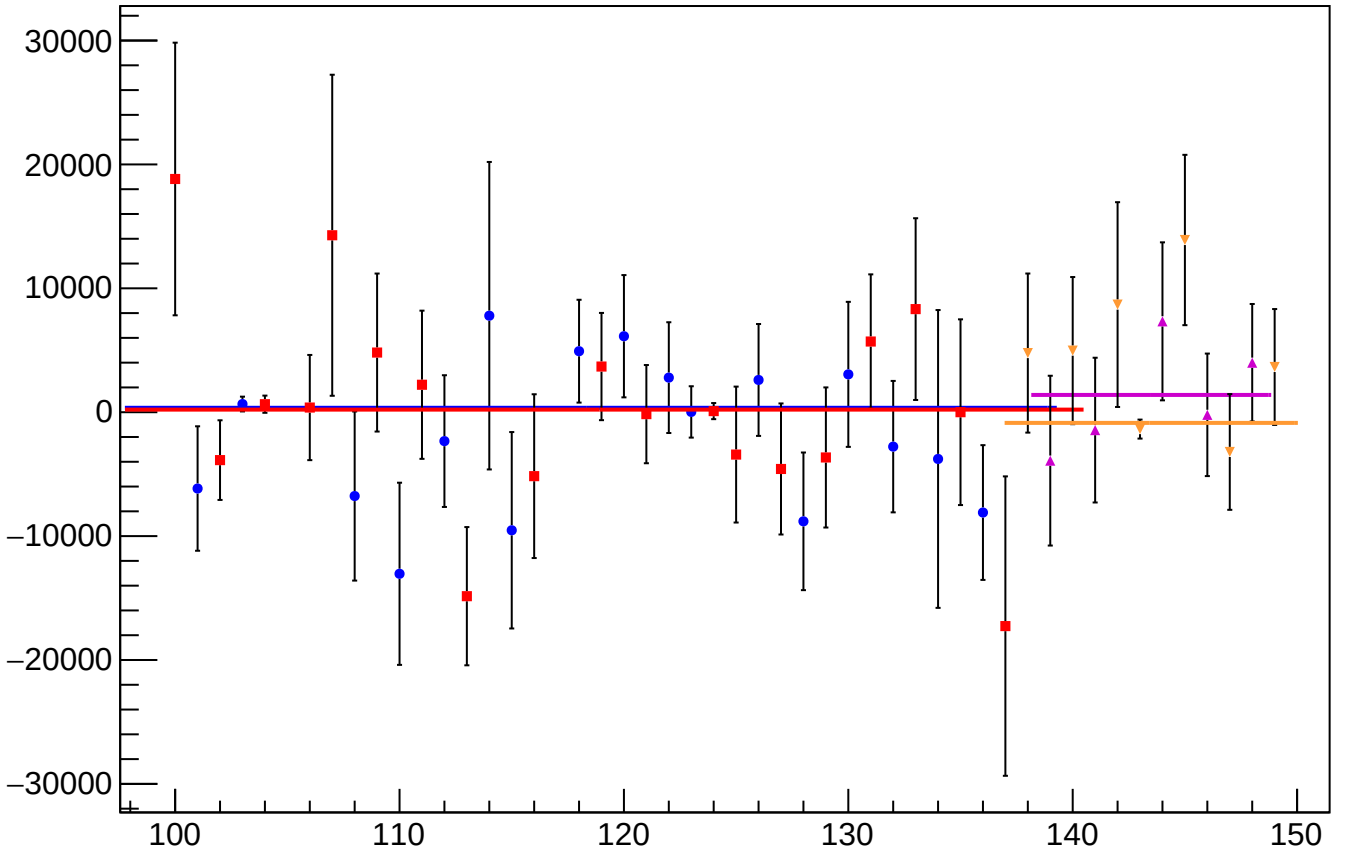
Left: 1994.167+/-0.472 χ^2/NDF: 443101.7/11

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

In: 1785.106+/-0.388 χ^2/NDF:304762.1/21

Out: 1883.868+/-0.392 χ^2/NDF:1033245.5/25

All: 1834.022+/-0.276 χ^2/NDF: 1370068.6/47



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

Left Out: -861.760+/-728.599 χ^2/NDF:9.3/6

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

Left In: 1394.677+/-2495.239 χ^2/NDF:2.1/4

Left: -684.488+/-699.393 χ^2/NDF: 12.2/11

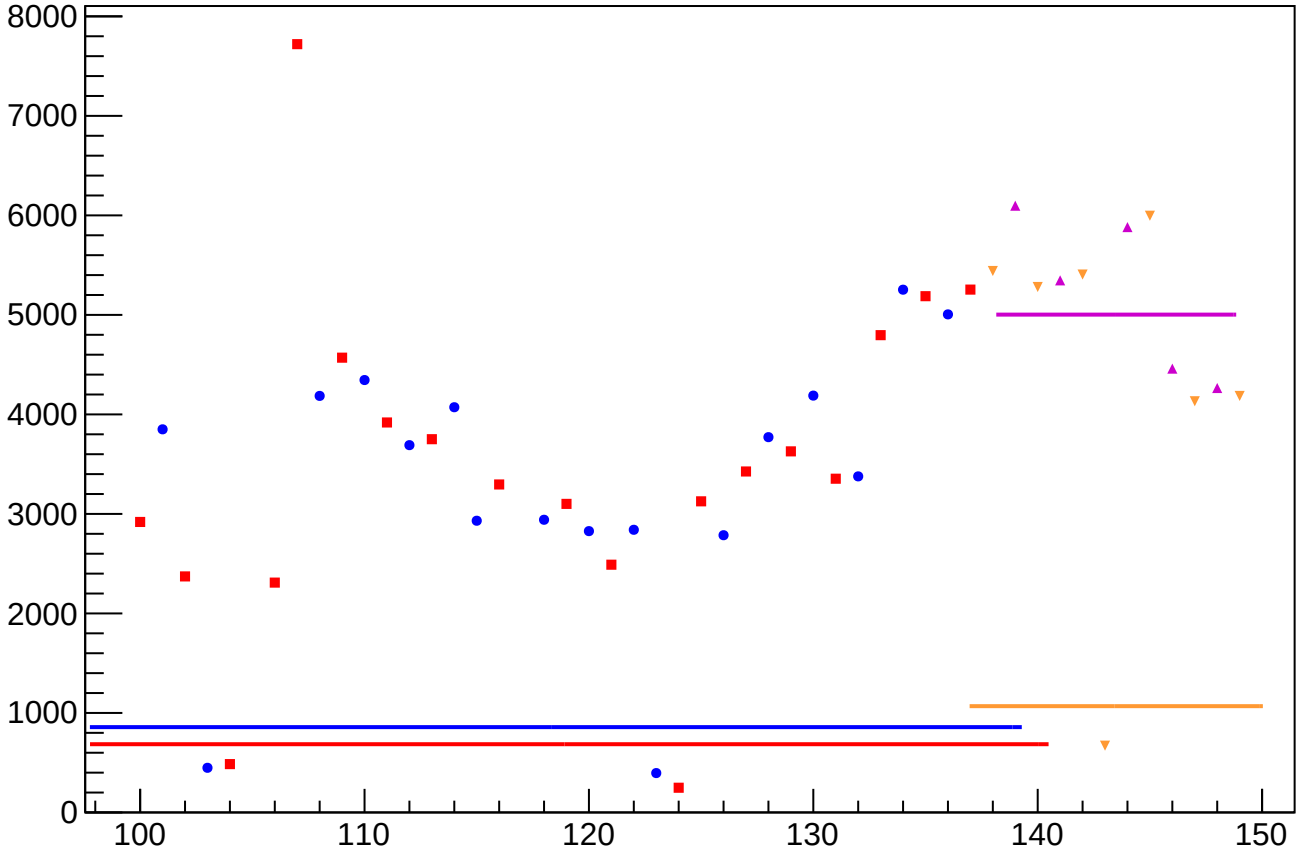
Right: 270.567+/-342.385 χ^2/NDF: 38.9/35

In: 402.339+/-521.437 χ^2/NDF:19.8/21

Out: -82.797+/-380.779 χ^2/NDF:32.2/25

All: 85.932+/-307.514 χ^2/NDF: 52.6/47

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1068.086+/-0.515 χ^2/NDF:5799491.2/6

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

Left In: 5002.812+/-1.764 χ^2/NDF:168536.6/4

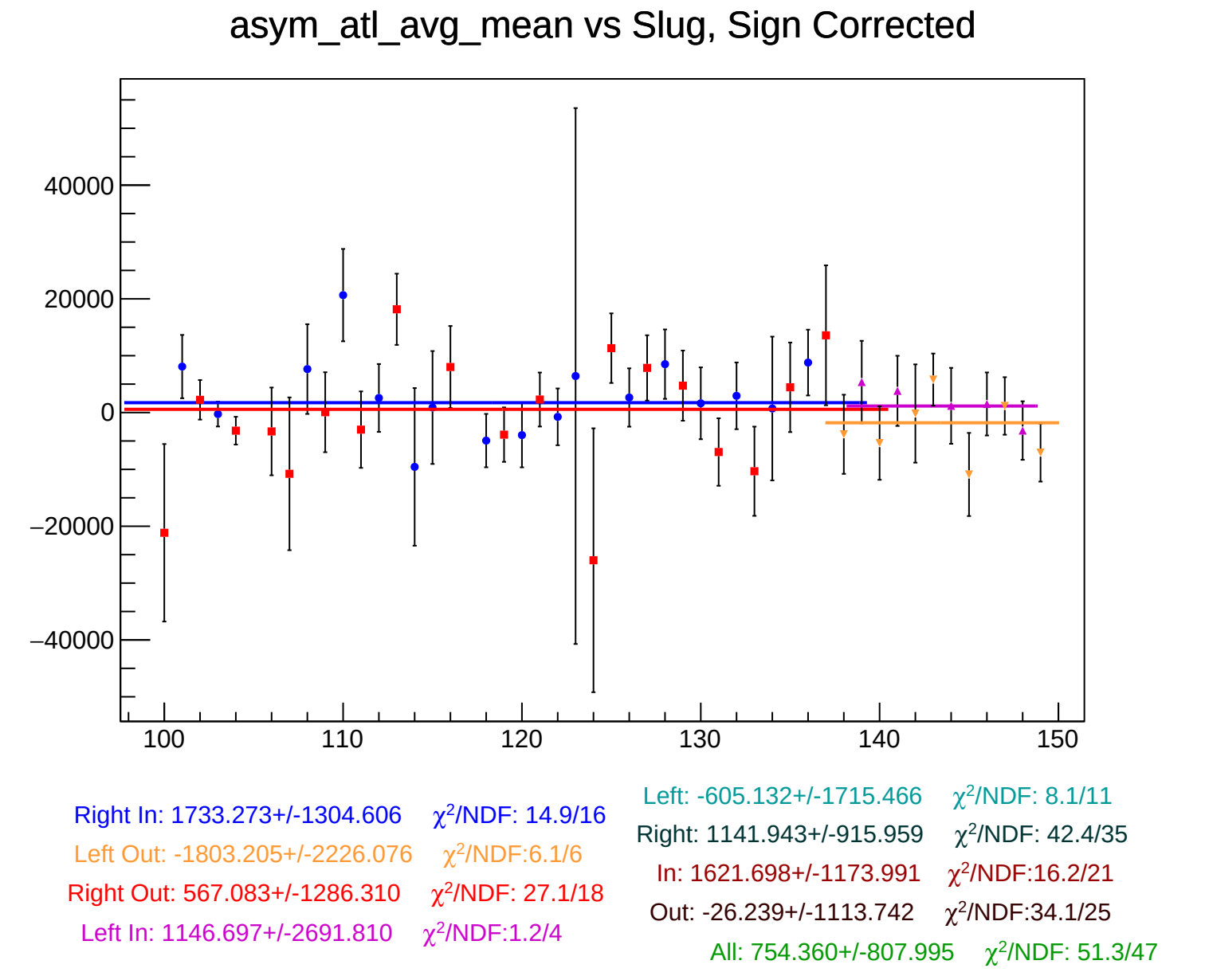
Left: 1377.210+/-0.495 χ^2/NDF: 10550506.8/11

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

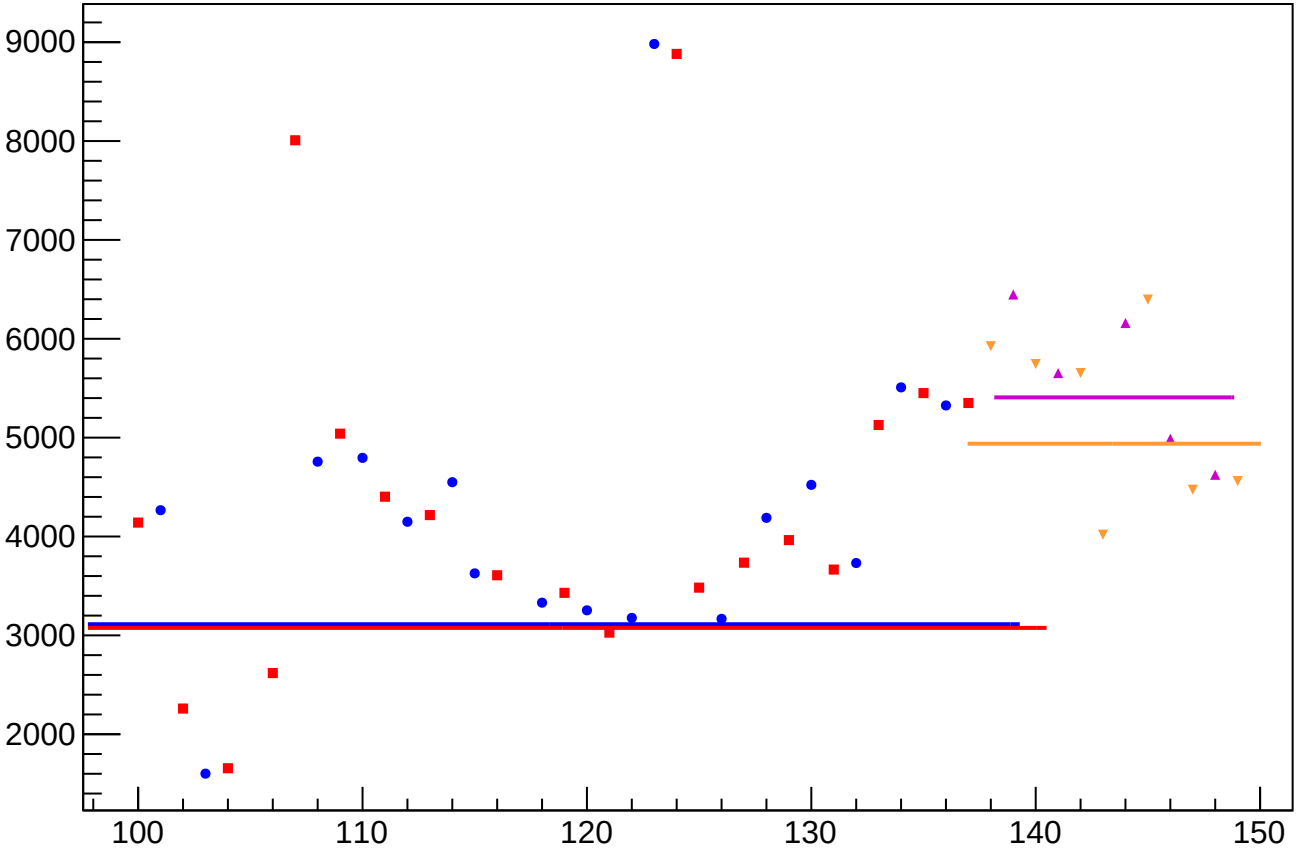
In: 1038.497+/-0.369 χ^2/NDF:13622584.4/21

Out: 790.214+/-0.269 χ^2/NDF:15660812.8/25

All: 876.566+/-0.217 χ^2/NDF: 29579132.8/47


asym_atl_avg_mean vs Slug, Sign Corrected
40000
20000
0
−20000
−40000
100
110
120
130
140
150
Right In: 1733.273+/-1304.606 χ²/NDF: 14.9/16
Left Out: -1803.205+/-2226.076 χ²/NDF:6.1/6
Right Out: 567.083+/-1286.310 χ²/NDF: 27.1/18
Left In: 1146.697+/-2691.810 χ²/NDF:1.2/4
Left: -605.132+/-1715.466 χ²/NDF: 8.1/11
Right: 1141.943+/-915.959 χ²/NDF: 42.4/35
In: 1621.698+/-1173.991 χ²/NDF:16.2/21
Out: -26.239+/-1113.742 χ²/NDF:34.1/25
All: 754.360+/-807.995 χ²/NDF: 51.3/47

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4938.619+/-1.574 χ^2/NDF:273008.2/6

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

Left In: 5407.055+/-1.903 χ^2/NDF:127392.7/4

Left: 5128.869+/-1.213 χ^2/NDF: 436369.8/11

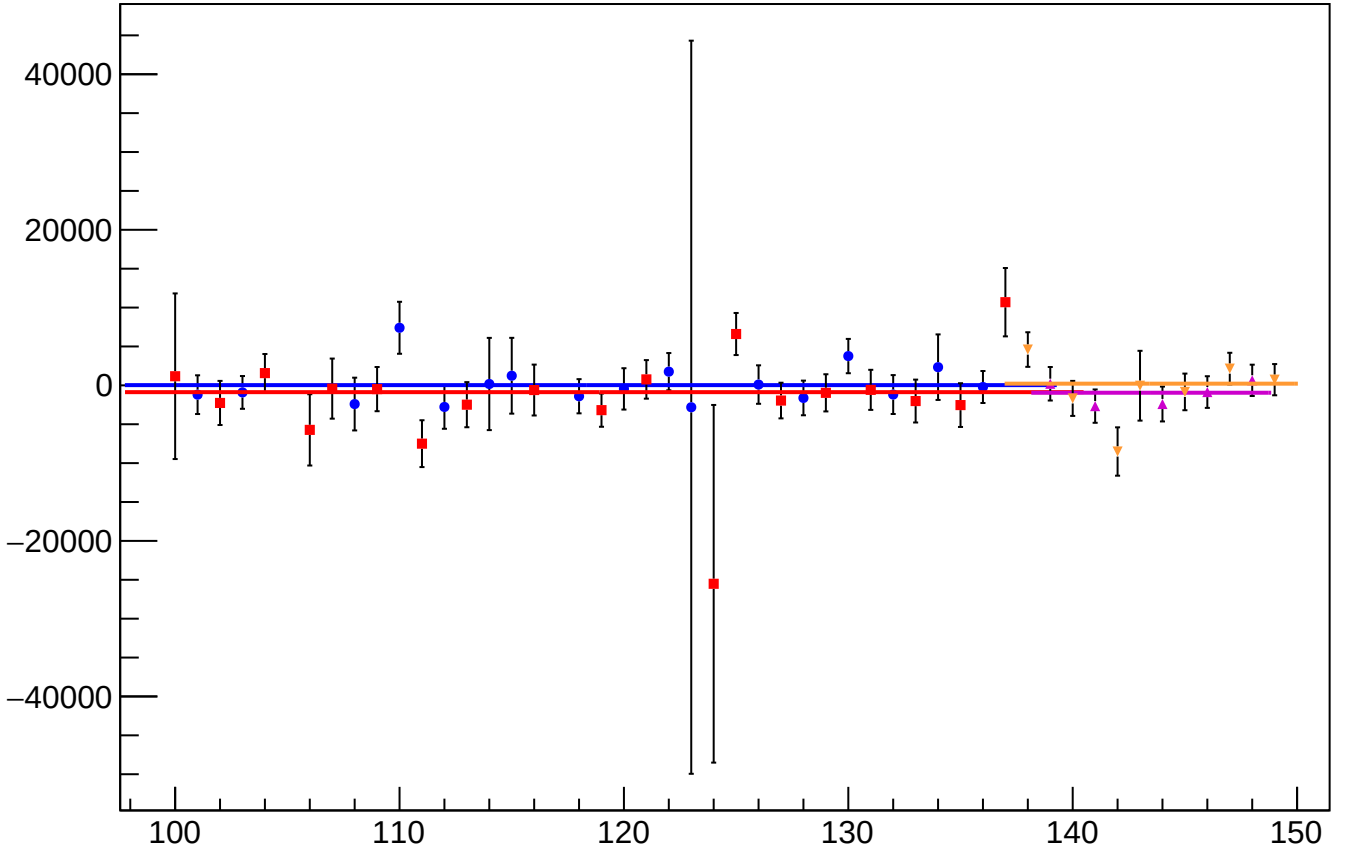
Right: 3093.663+/-0.643 χ^2/NDF: 3896339.1/35

In: 3549.102+/-0.830 χ^2/NDF:3188532.7/21

Out: 3531.897+/-0.779 χ^2/NDF:3341681.8/25

All: 3539.953+/-0.568 χ^2/NDF: 6530442.9/47

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 216.419+/-904.484 χ^2/NDF:13.6/6

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

Left In: -950.307+/-944.807 χ^2/NDF:2.0/4

Left: -341.516+/-653.357 χ^2/NDF: 16.4/11

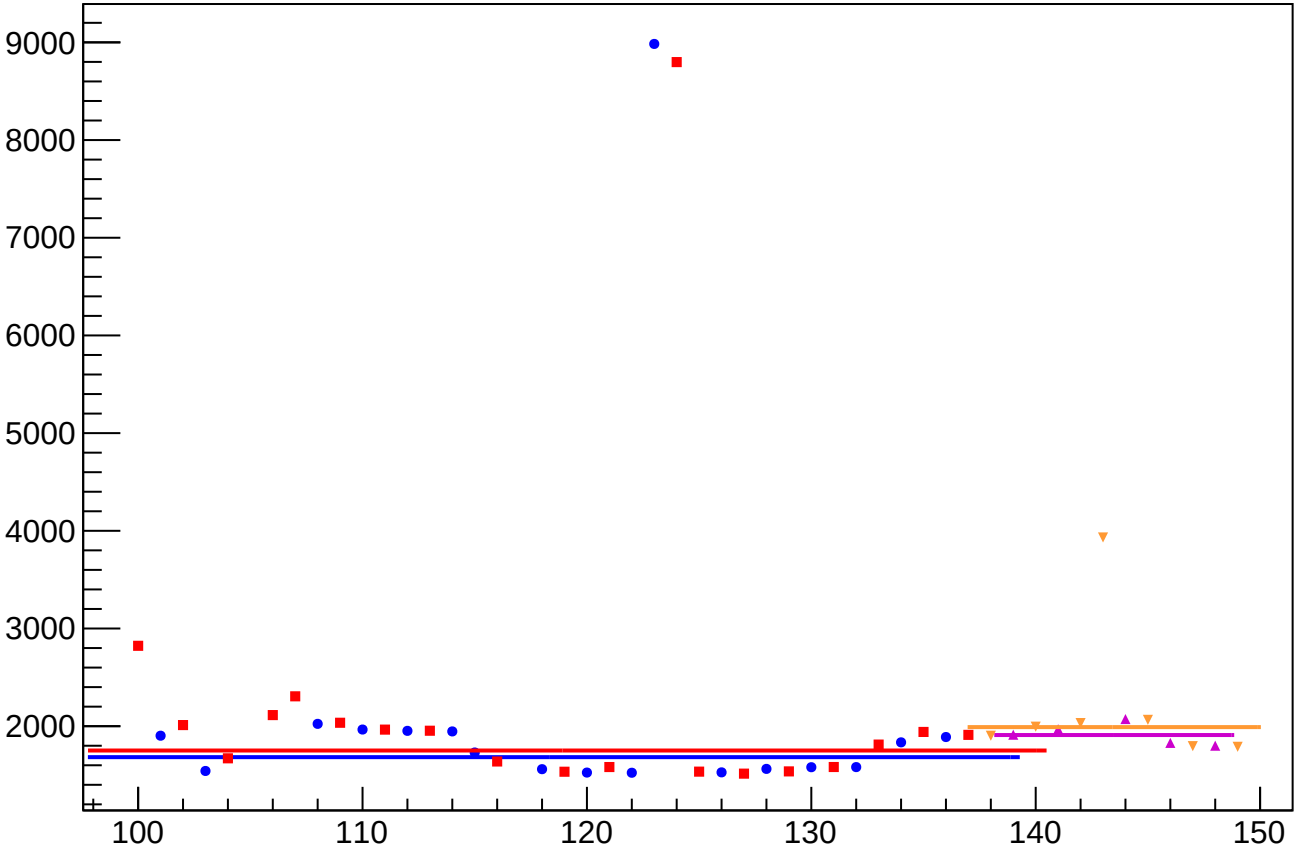
Right: -412.596+/-470.731 χ^2/NDF: 38.4/35

In: -291.048+/-540.179 χ^2/NDF:14.5/21

Out: -485.528+/-540.074 χ^2/NDF:40.2/25

All: -388.307+/-381.927 χ^2/NDF: 54.8/47

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1990.654+/-0.640 χ^2/NDF:418391.2/6

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

Left In: 1909.473+/-0.668 χ^2/NDF:21169.6/4

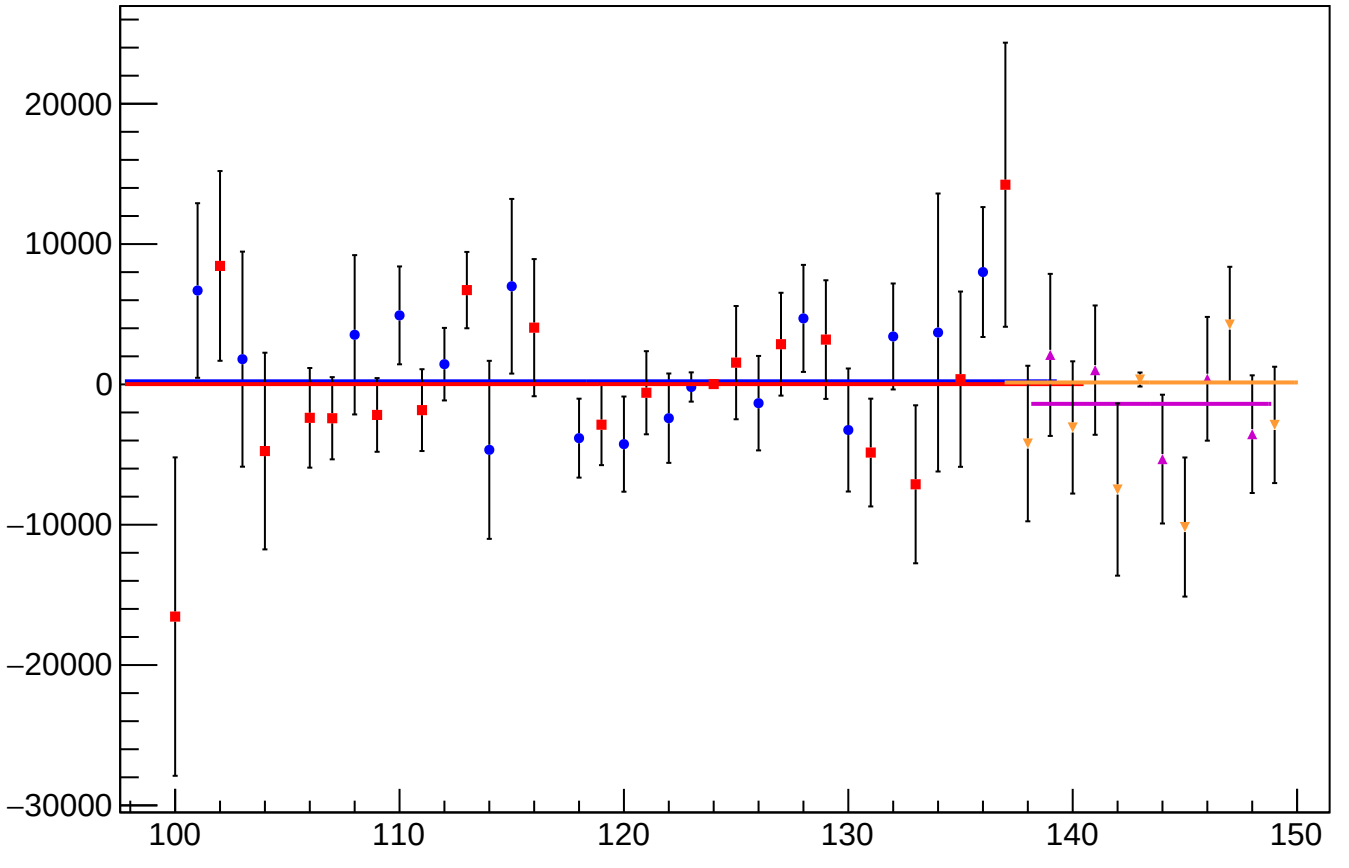
Left: 1951.833+/-0.462 χ^2/NDF: 447265.5/11

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

In: 1757.113+/-0.382 χ^2/NDF:294293.3/21

Out: 1836.259+/-0.381 χ^2/NDF:935886.7/25

All: 1796.750+/-0.270 χ^2/NDF: 1251682.0/47



Right In: 219.808+/-720.915 χ^2/NDF: 15.8/16

Left Out: 138.099+/-483.737 χ^2/NDF:8.7/6

Right Out: 20.268+/-114.130 χ^2/NDF: 20.7/18

Left In: -1386.865+/-2072.210 χ^2/NDF:1.8/4

Left: 59.292+/-471.072 χ^2/NDF: 11.0/11

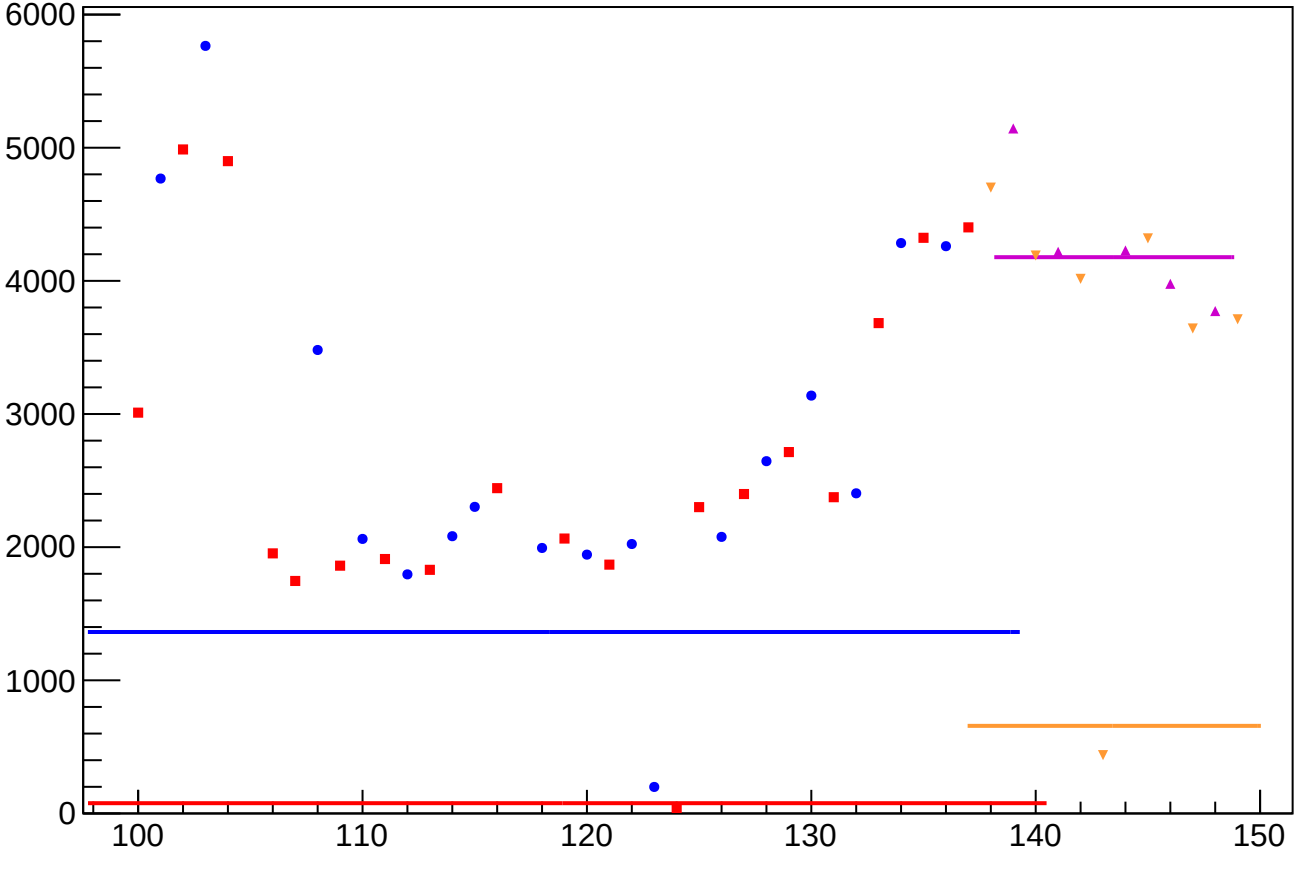
Right: 25.147+/-112.726 χ^2/NDF: 36.6/35

In: 46.344+/-680.887 χ^2/NDF:18.2/21

Out: 26.481+/-111.080 χ^2/NDF:29.4/25

All: 26.996+/-109.631 χ^2/NDF: 47.6/47

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842+/-0.510 χ^2/NDF: 6235846.3/16

Left Out: 657.913+/-0.342 χ^2/NDF:6401344.6/6

Right Out: 77.129+/-0.081 χ^2/NDF: 13248048.9/18

Left In: 4177.923+/-1.465 χ^2/NDF:79184.7/4

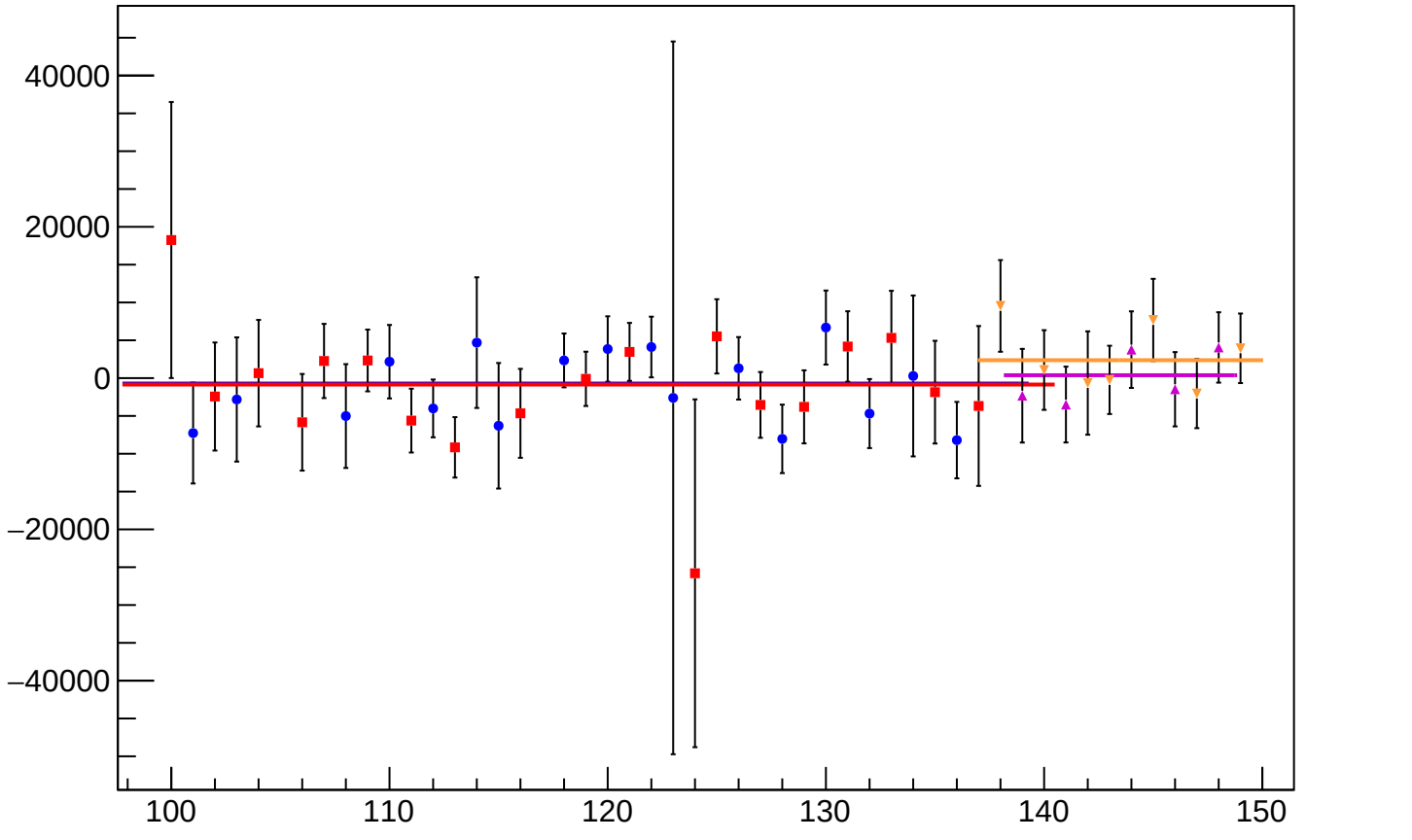
Left: 839.820+/-0.333 χ^2/NDF: 11953283.6/11

Right: 108.564+/-0.080 χ^2/NDF: 25689718.3/35

In: 1666.772+/-0.481 χ^2/NDF:9607533.6/21

Out: 107.753+/-0.079 χ^2/NDF:22380359.3/25

All: 148.170+/-0.078 χ^2/NDF: 42201402.1/47



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

Left Out: 2367.778+/-1951.200 χ^2/NDF:4.0/6

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

Left In: 381.235+/-2279.031 χ^2/NDF:2.0/4

Left: 1527.539+/-1482.186 χ^2/NDF: 6.4/11

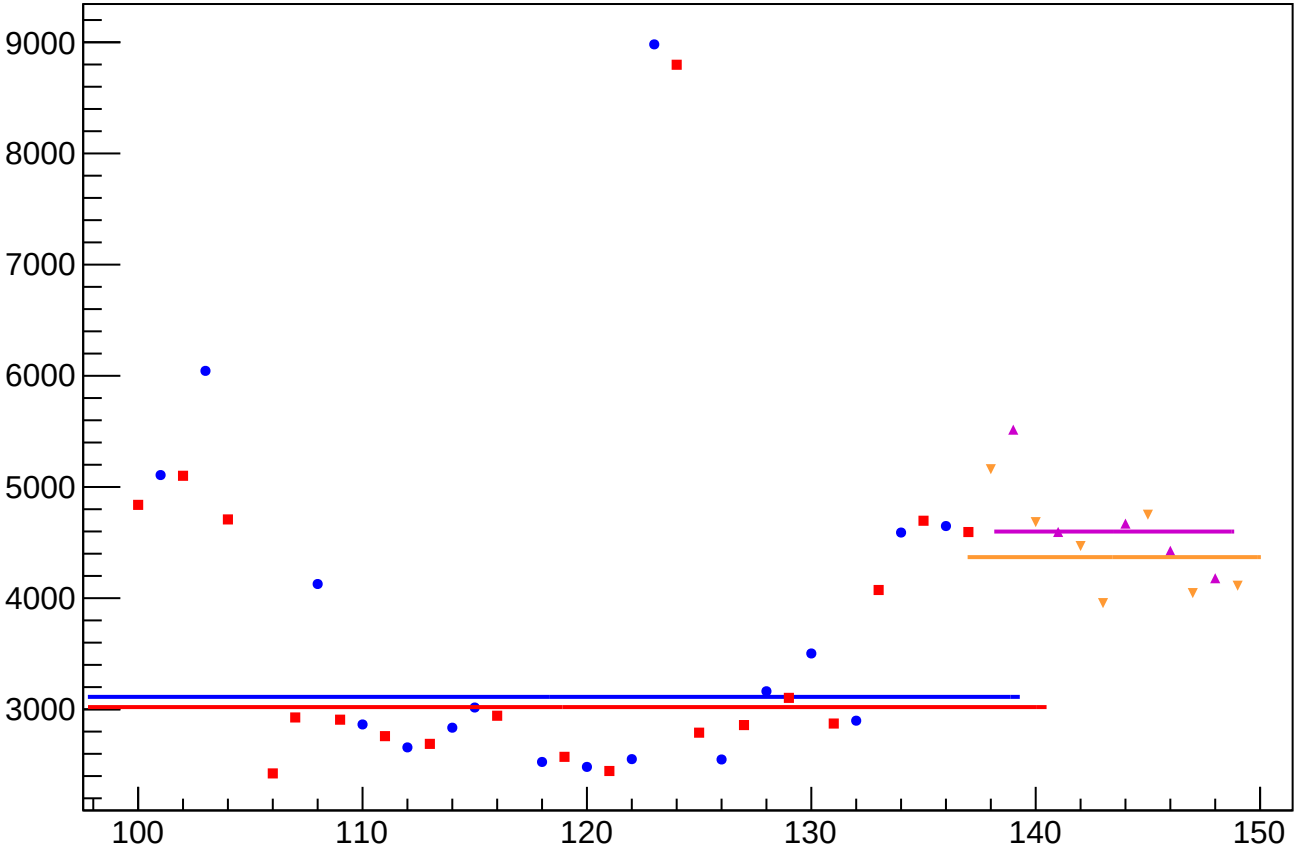
Right: -788.845+/-863.438 χ^2/NDF: 30.8/35

In: -465.679+/-1097.670 χ^2/NDF:16.9/21

Out: 24.533+/-1017.147 χ^2/NDF:22.0/25

All: -201.935+/-746.076 χ^2/NDF: 39.0/47

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4369.123+/-1.380 χ^2/NDF:84522.5/6

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

Left In: 4599.139+/-1.612 χ^2/NDF:62983.5/4

Left: 4466.412+/-1.048 χ^2/NDF: 159261.8/11

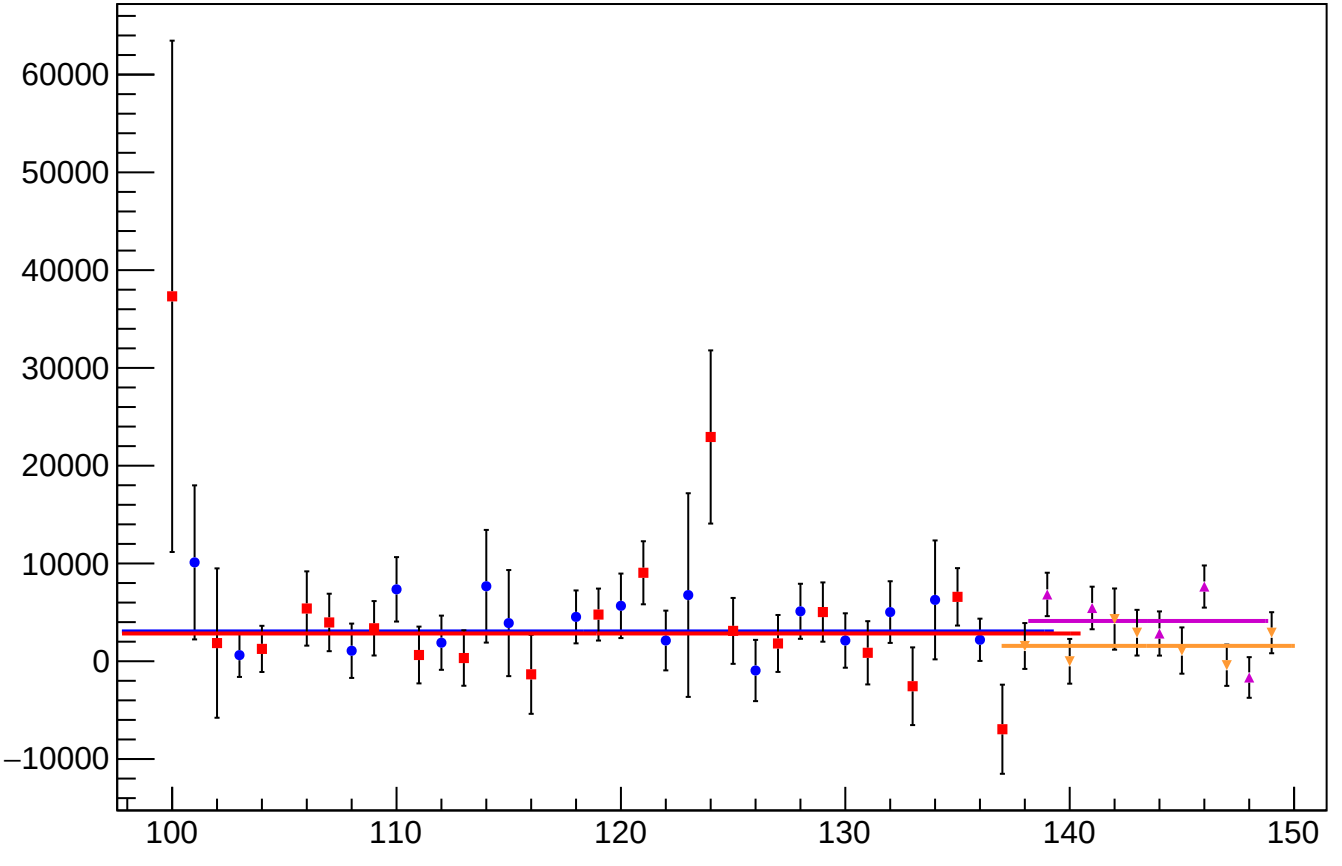
Right: 3063.446+/-0.607 χ^2/NDF: 1758429.8/35

In: 3457.156+/-0.776 χ^2/NDF:1675323.9/21

Out: 3380.223+/-0.713 χ^2/NDF:1579410.0/25

All: 3415.414+/-0.525 χ^2/NDF: 3260064.5/47

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1571.959+/-881.271 χ^2/NDF:2.9/6

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

Left In: 4118.926+/-972.952 χ^2/NDF:12.6/4

Left: 2719.818+/-653.166 χ^2/NDF: 19.3/11

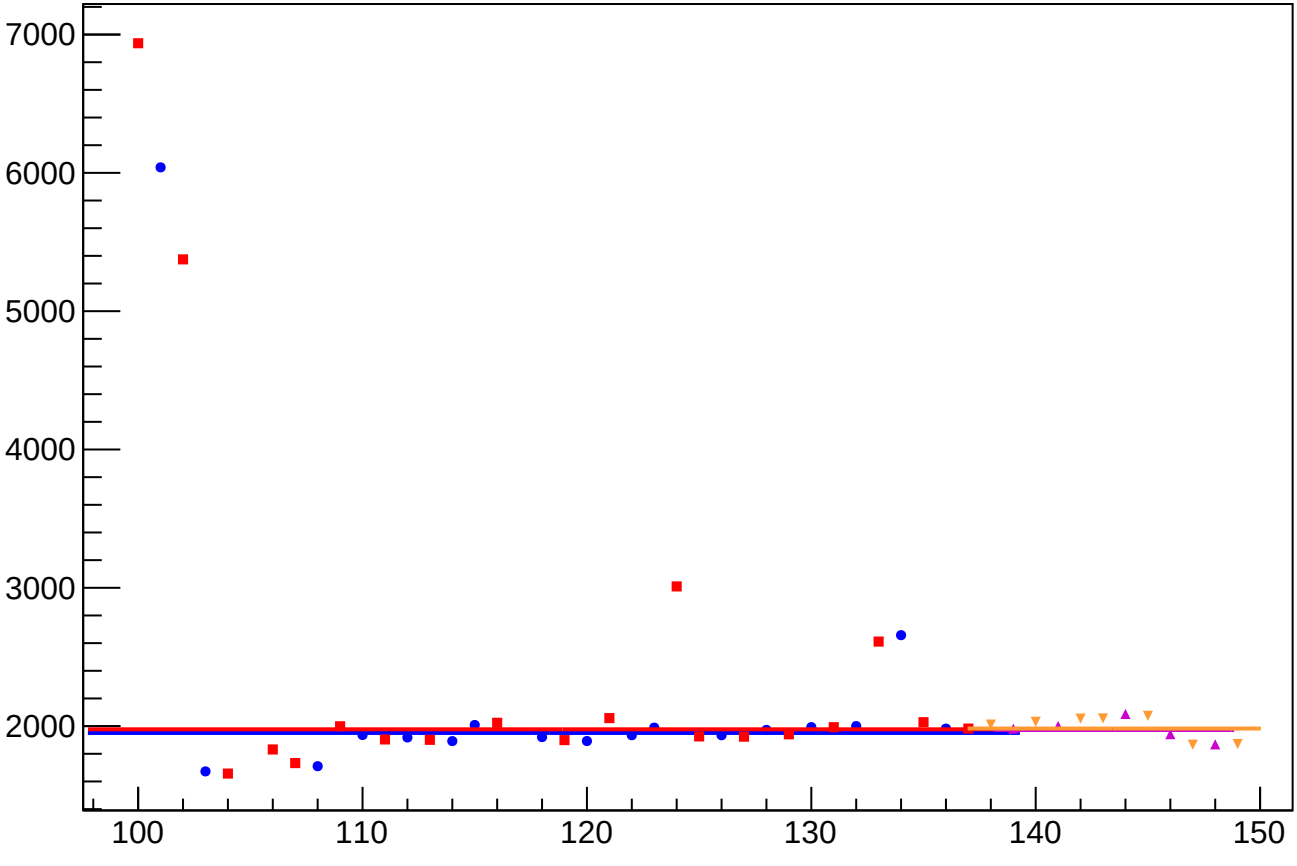
Right: 2943.024+/-543.823 χ^2/NDF: 33.1/35

In: 3462.623+/-604.909 χ^2/NDF:22.6/21

Out: 2293.649+/-578.083 χ^2/NDF:27.8/25

All: 2851.642+/-417.928 χ^2/NDF: 52.4/47

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1982.577+/-0.623 χ^2/NDF:19064.0/6

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

Left In: 1972.257+/-0.688 χ^2/NDF:11040.8/4

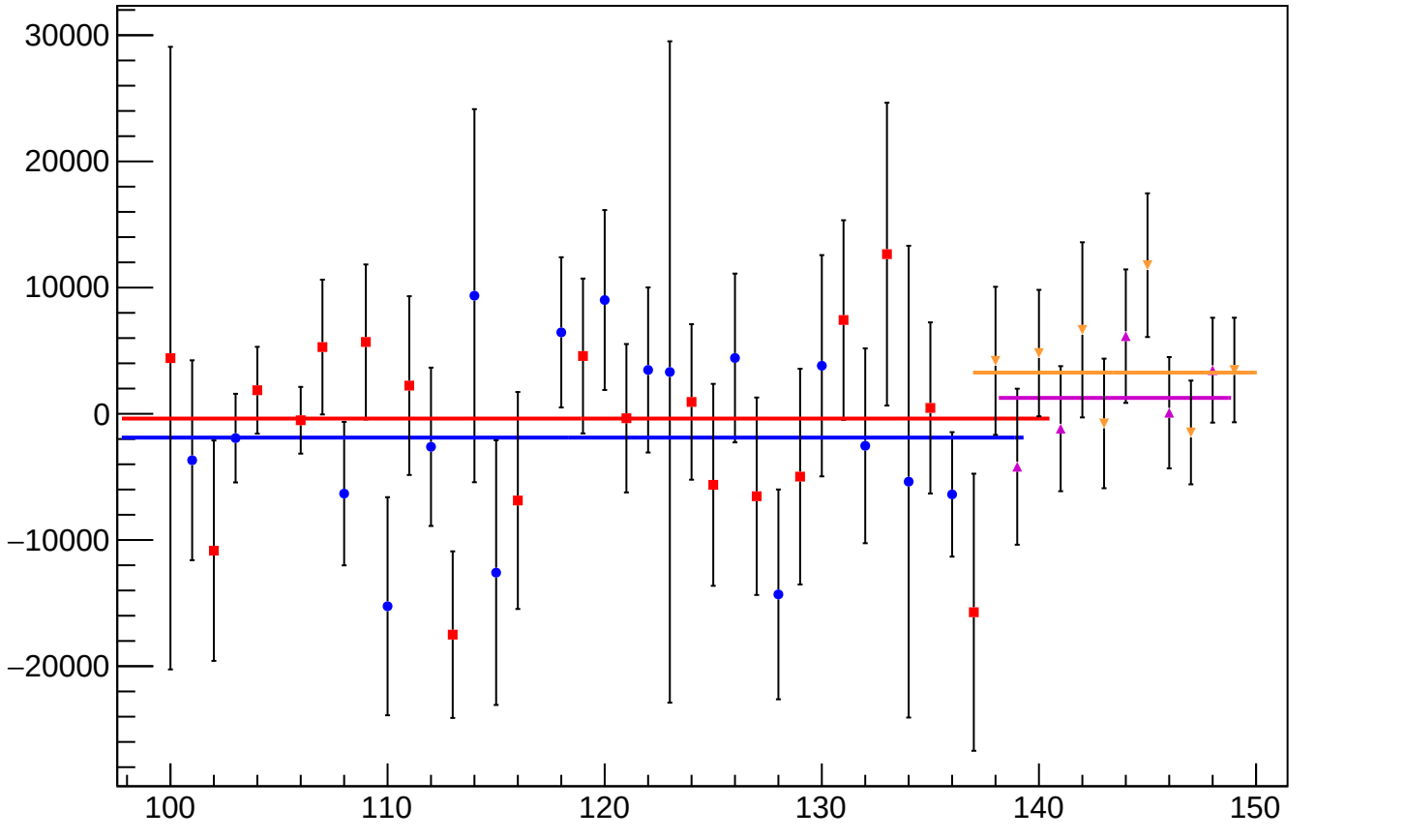
Left: 1977.926+/-0.462 χ^2/NDF: 30228.4/11

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

In: 1959.028+/-0.428 χ^2/NDF:626808.8/21

Out: 1979.387+/-0.409 χ^2/NDF:626816.4/25

All: 1969.672+/-0.295 χ^2/NDF: 1254809.7/47



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

Left Out: 3265.790+/-1903.781 χ^2/NDF:4.5/6

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

Left In: 1259.337+/-2171.909 χ^2/NDF:2.2/4

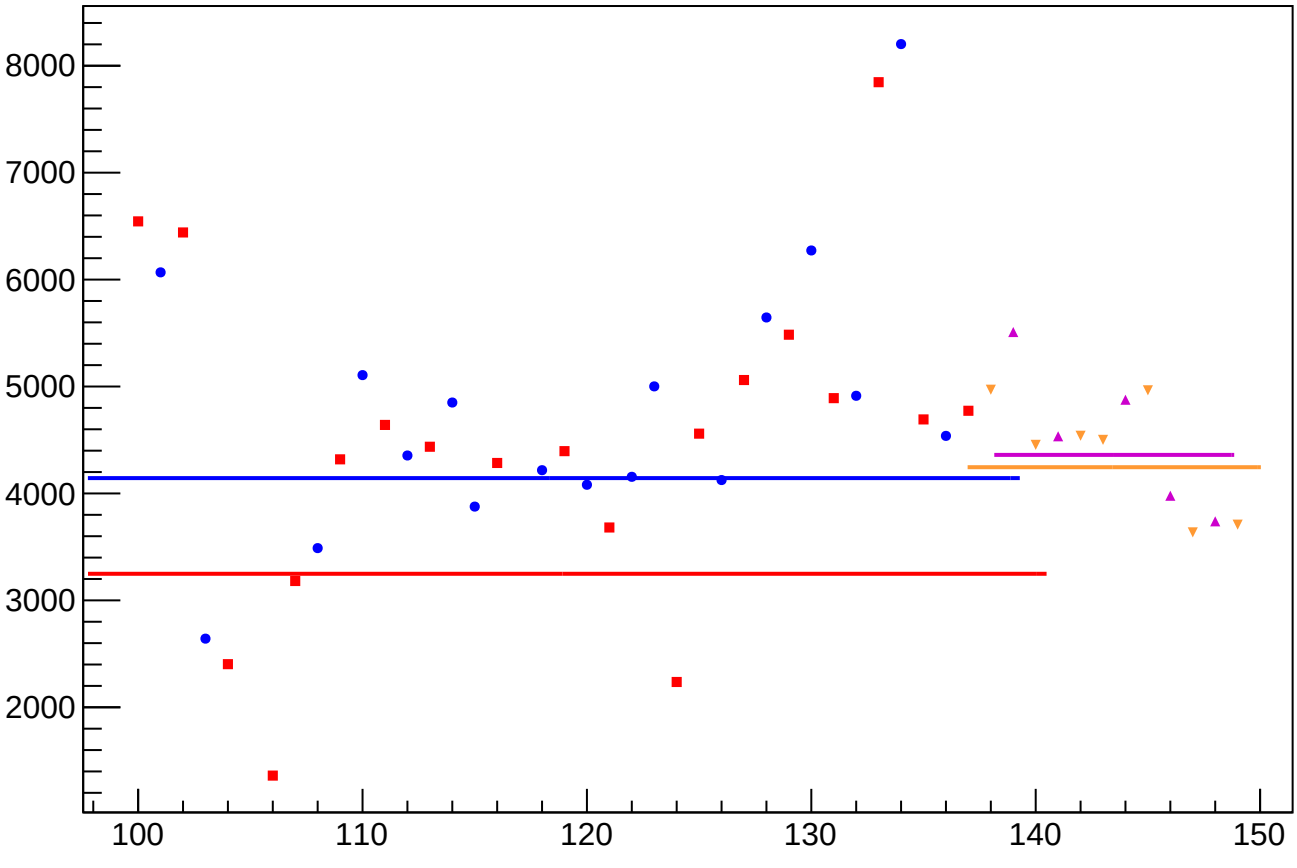
Left: 2393.993+/-1431.643 χ^2/NDF: 7.3/11

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

In: -727.485+/-1317.875 χ^2/NDF:17.7/21

Out: 853.491+/-1106.427 χ^2/NDF:24.6/25

All: 199.855+/-847.383 χ^2/NDF: 43.1/47



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

Left Out: 4245.363+/-1.346 χ^2/NDF:152083.2/6

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

Left In: 4360.523+/-1.536 χ^2/NDF:150348.6/4

Left: 4295.400+/-1.012 χ^2/NDF: 305611.4/11

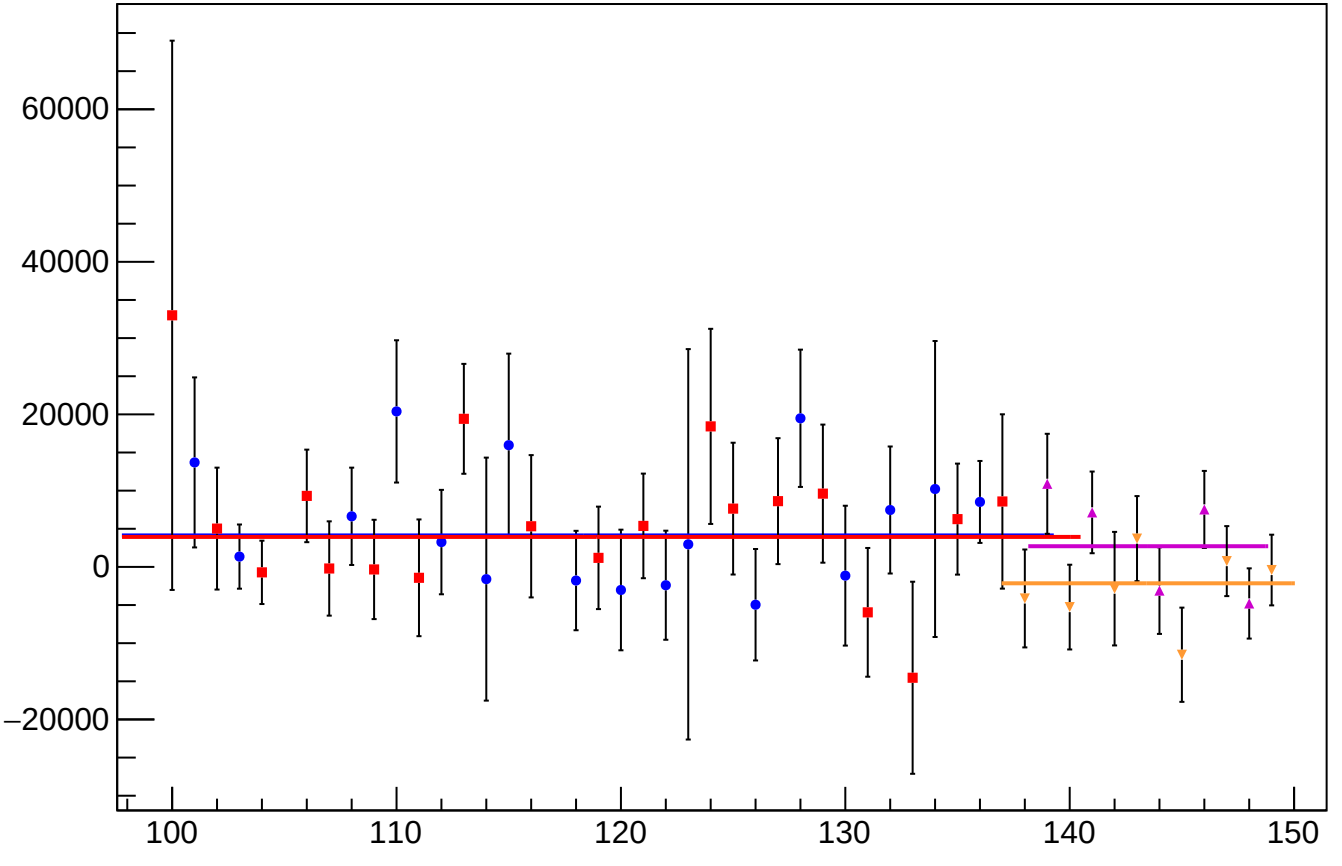
Right: 3608.435+/-0.743 χ^2/NDF: 3822091.3/35

In: 4223.391+/-0.932 χ^2/NDF:1018940.5/21

Out: 3585.292+/-0.782 χ^2/NDF:3132906.0/25

All: 3849.106+/-0.599 χ^2/NDF: 4426870.6/47

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2148.330+/-2098.146 χ^2/NDF:4.4/6

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

Left In: 2711.949+/-2386.989 χ^2/NDF:6.9/4

Left: -29.899+/-1575.894 χ^2/NDF: 13.6/11

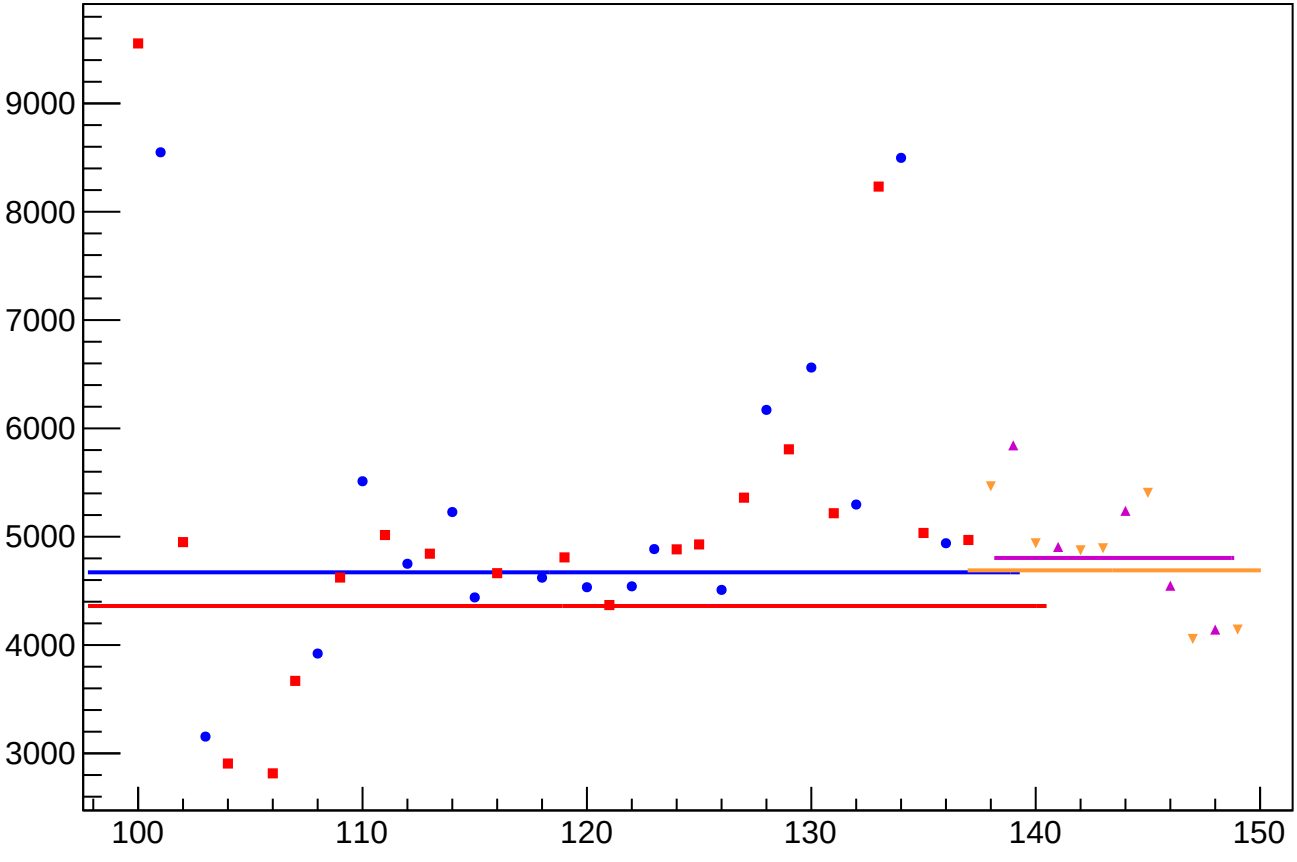
Right: 4022.593+/-1265.954 χ^2/NDF: 28.6/35

In: 3591.076+/-1468.667 χ^2/NDF:20.8/21

Out: 1479.645+/-1332.709 χ^2/NDF:24.3/25

All: 2433.127+/-986.941 χ^2/NDF: 46.2/47

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4689.518+/-1.484 χ^2/NDF:129950.6/6

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

Left In: 4803.995+/-1.688 χ^2/NDF:109137.0/4

Left: 4739.415+/-1.114 χ^2/NDF: 241682.6/11

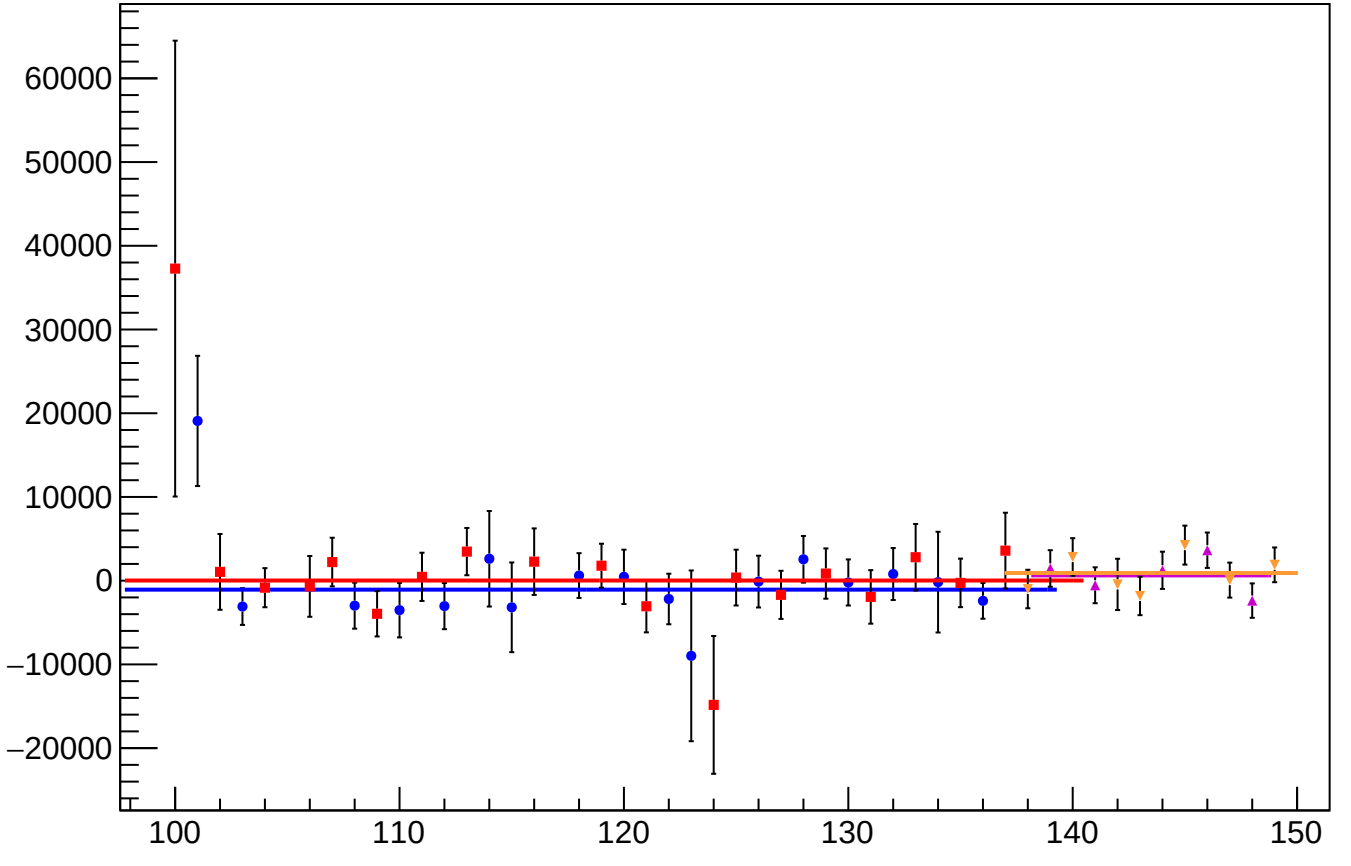
Right: 4503.135+/-0.892 χ^2/NDF: 1650353.3/35

In: 4721.546+/-1.039 χ^2/NDF:899088.8/21

Out: 4492.347+/-0.939 χ^2/NDF:993543.7/25

All: 4595.456+/-0.697 χ^2/NDF: 1919428.9/47

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254+/-762.970 χ^2/NDF: 13.7/16

Left Out: 915.311+/-867.442 χ^2/NDF:5.5/6

Right Out: 19.222+/-747.810 χ^2/NDF: 13.3/18

Left In: 630.502+/-957.799 χ^2/NDF:4.7/4

Left: 786.971+/-642.951 χ^2/NDF: 10.2/11

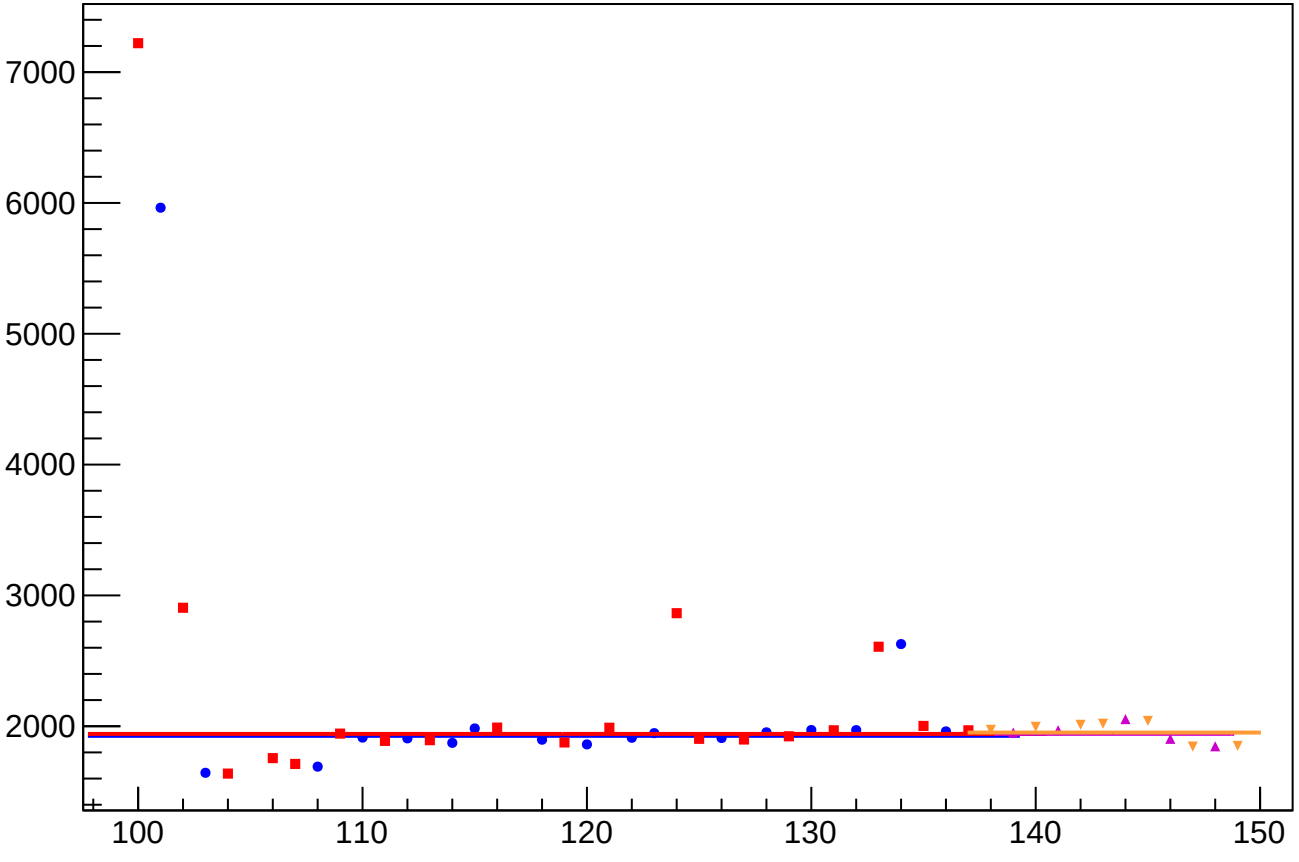
Right: -515.074+/-534.061 χ^2/NDF: 28.0/35

In: -410.613+/-596.772 χ^2/NDF:20.3/21

Out: 401.260+/-566.394 χ^2/NDF:19.4/25

All: 16.513+/-410.821 χ^2/NDF: 40.7/47

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1951.766+/-0.613 χ^2/NDF:16429.5/6

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

Left In: 1941.822+/-0.677 χ^2/NDF:10469.7/4

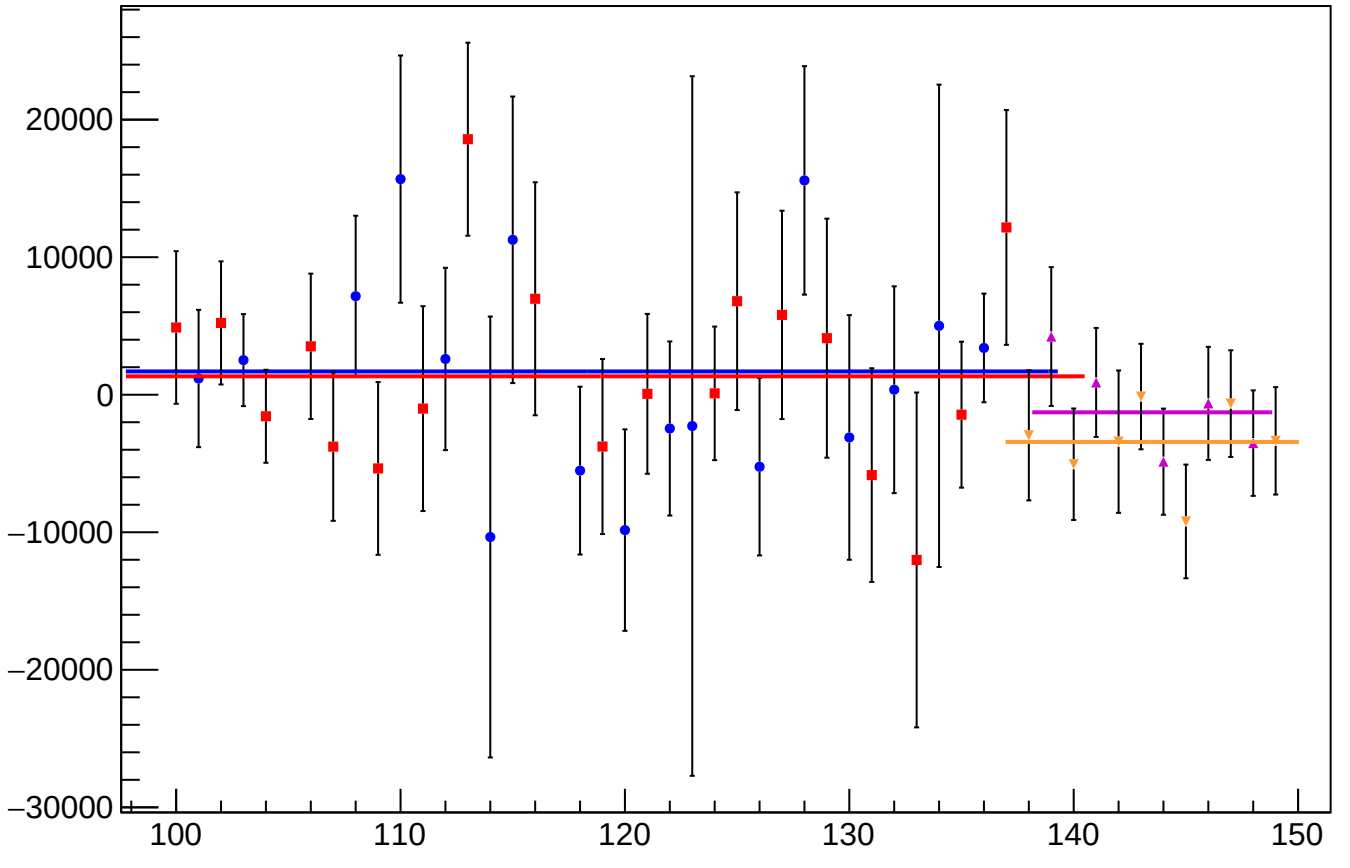
Left: 1947.285+/-0.455 χ^2/NDF: 27017.6/11

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

In: 1932.687+/-0.422 χ^2/NDF:627883.3/21

Out: 1945.736+/-0.400 χ^2/NDF:320965.2/25

All: 1939.555+/-0.290 χ^2/NDF: 949351.8/47



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

Left Out: -3432.498+/-1578.402 χ^2/NDF:3.4/6

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

Left In: -1279.606+/-1834.308 χ^2/NDF:2.7/4

Left: -2516.586+/-1196.432 χ^2/NDF: 6.9/11

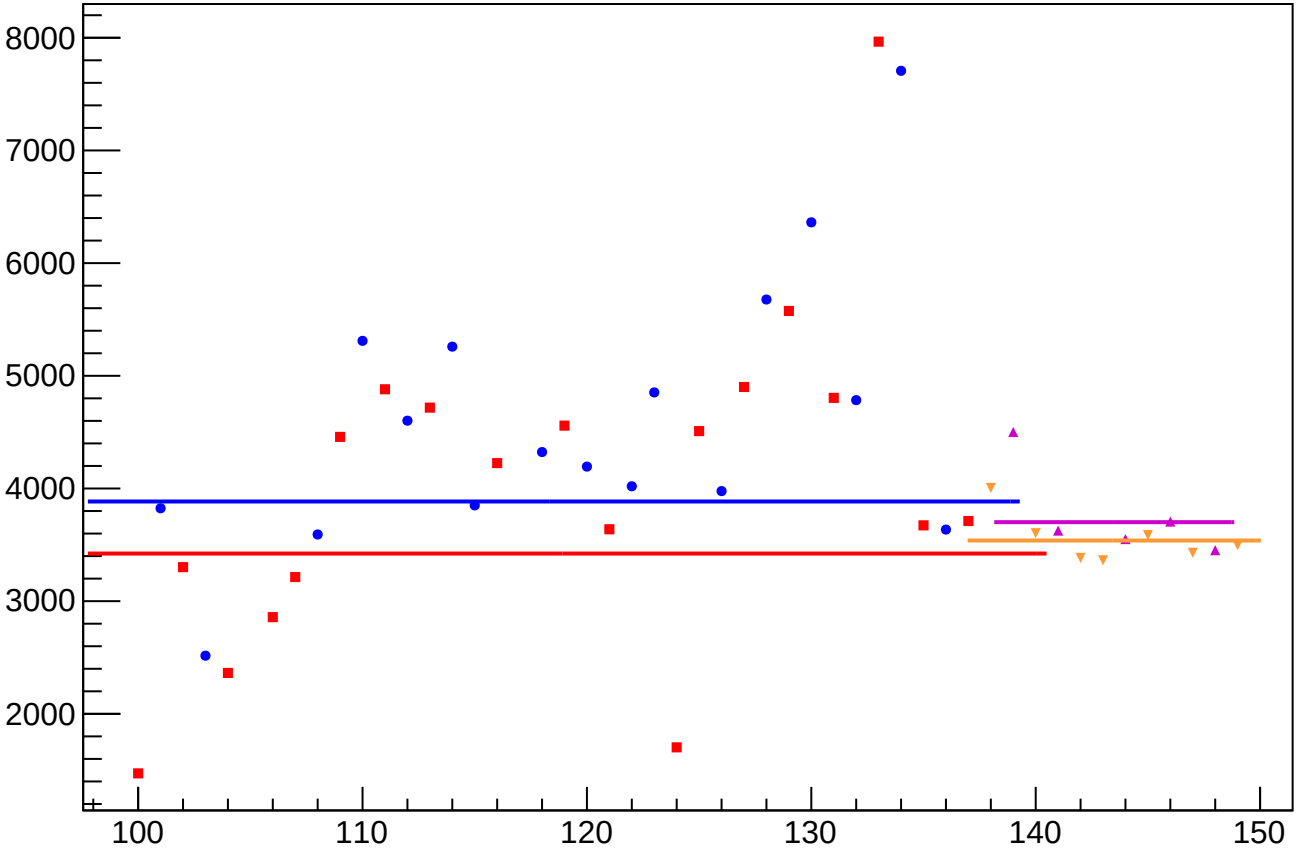
Right: 1493.873+/-1026.648 χ^2/NDF: 30.0/35

In: 453.422+/-1184.783 χ^2/NDF:17.9/21

Out: -709.935+/-1034.200 χ^2/NDF:24.9/25

All: -206.841+/-779.124 χ^2/NDF: 43.3/47

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3538.286+/-1.116 χ^2/NDF:28014.2/6

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

Left In: 3701.035+/-1.297 χ^2/NDF:62427.8/4

Left: 3607.525+/-0.846 χ^2/NDF: 99488.1/11

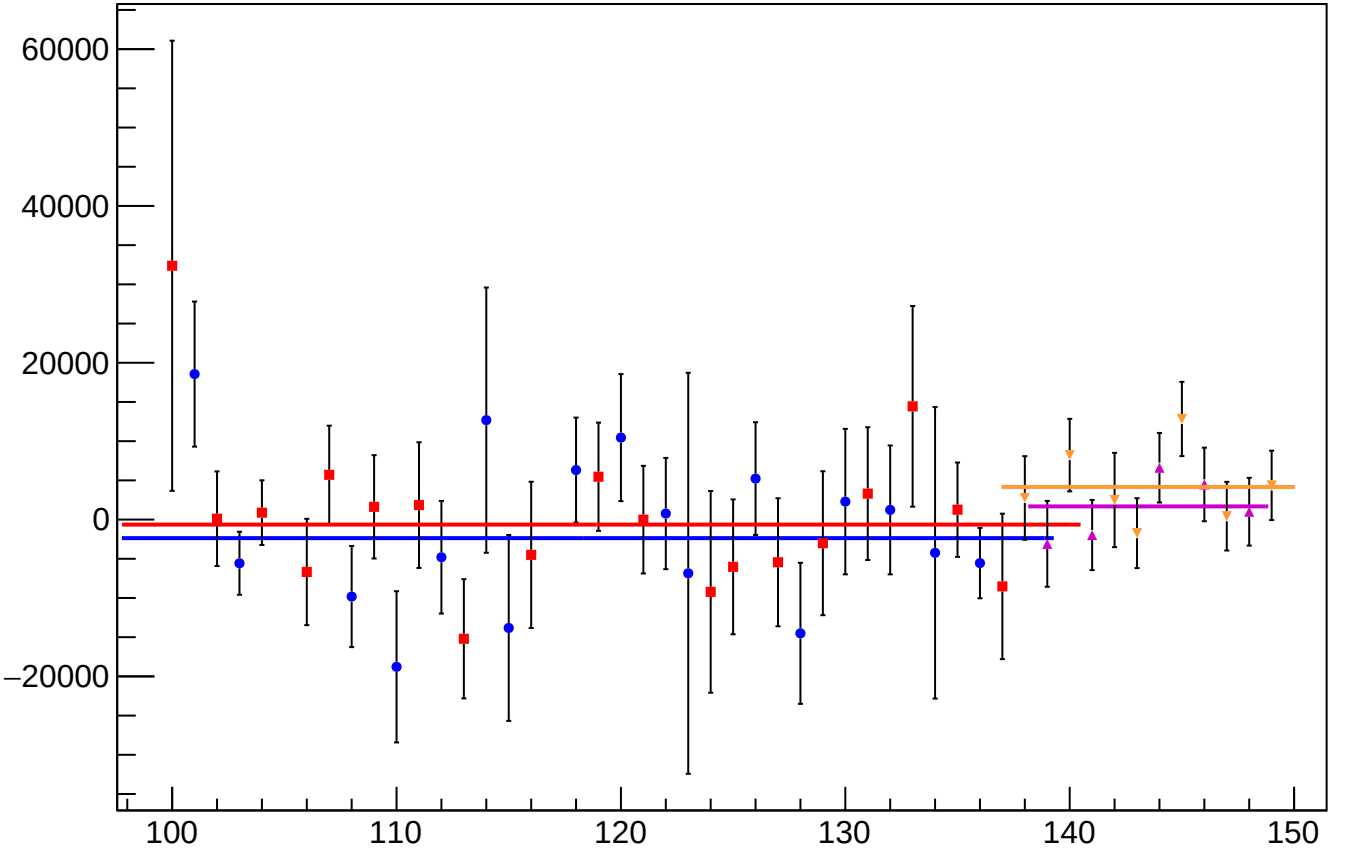
Right: 3624.795+/-0.726 χ^2/NDF: 2516526.6/35

In: 3808.020+/-0.838 χ^2/NDF:900665.1/21

Out: 3472.282+/-0.731 χ^2/NDF:1624439.1/25

All: 3617.472+/-0.551 χ^2/NDF: 2616254.8/47

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF: 20.1/16

Left Out: 4162.433+/-1802.344 χ^2/NDF:6.7/6

Right Out: -640.916+/-1690.165 χ^2/NDF: 11.8/18

Left In: 1680.698+/-2071.683 χ^2/NDF:3.0/4

Left: 3093.276+/-1359.773 χ^2/NDF: 10.6/11

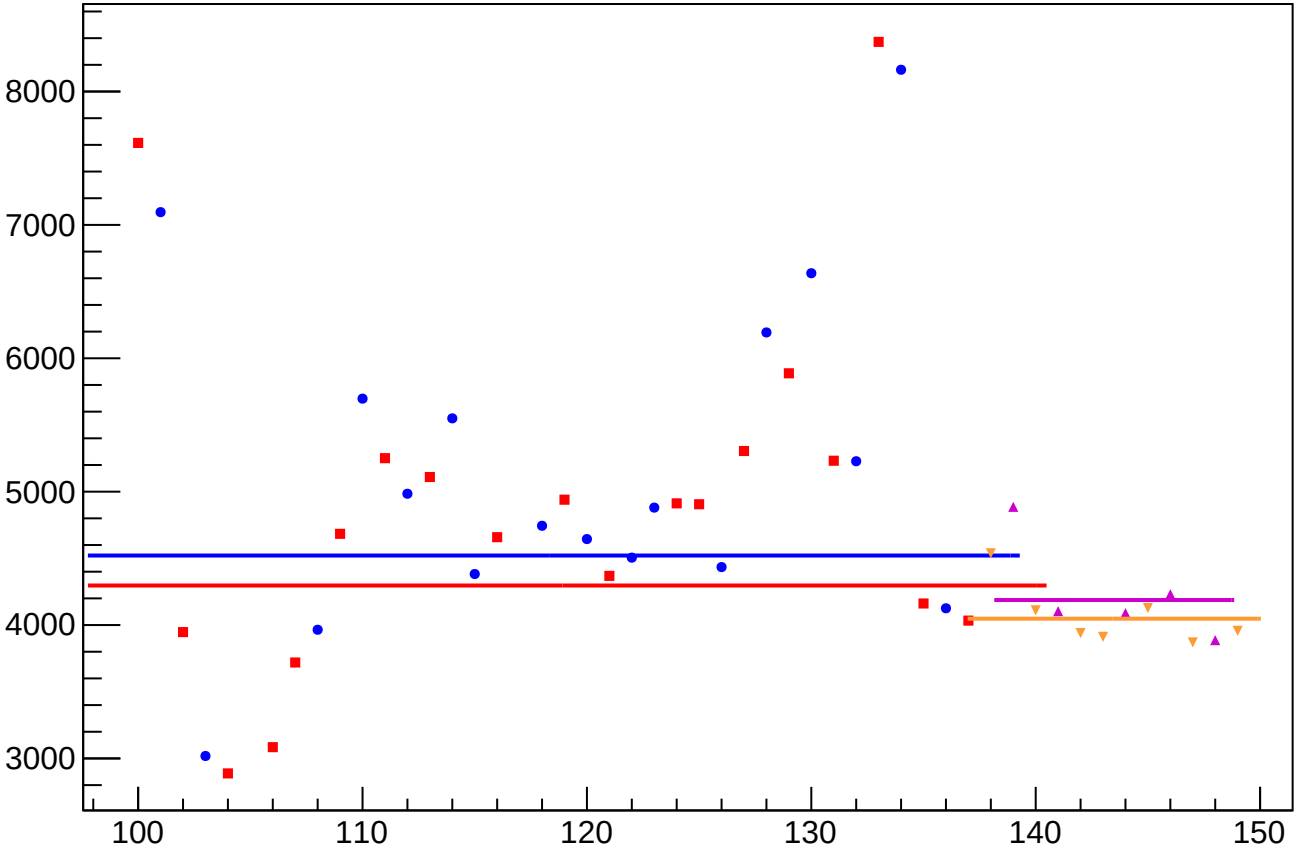
Right: -1449.011+/-1232.750 χ^2/NDF: 32.4/35

In: -623.952+/-1359.600 χ^2/NDF:25.3/21

Out: 1606.635+/-1232.879 χ^2/NDF:22.3/25

All: 600.113+/-913.299 χ^2/NDF: 49.2/47

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4047.719+/-1.274 χ^2/NDF:24505.1/6

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

Left In: 4187.660+/-1.465 χ^2/NDF:44107.0/4

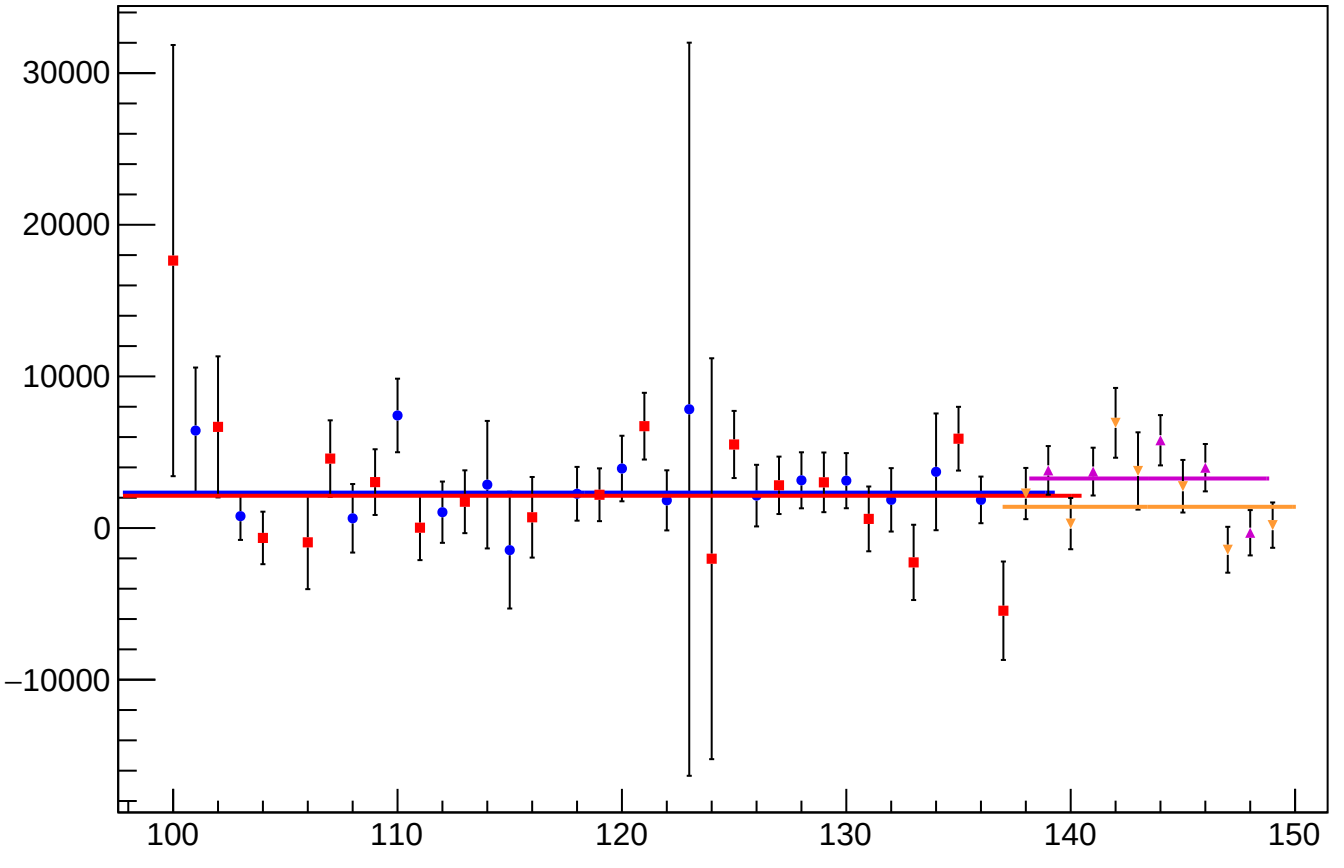
Left: 4108.007+/-0.962 χ^2/NDF: 73806.5/11

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

In: 4377.561+/-0.961 χ^2/NDF:852300.7/21

Out: 4180.771+/-0.869 χ^2/NDF:818093.5/25

All: 4269.281+/-0.645 χ^2/NDF: 1693449.0/47



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

Left Out: 1400.898+/-665.132 χ^2/NDF:12.1/6

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

Left In: 3267.600+/-704.957 χ^2/NDF:8.4/4

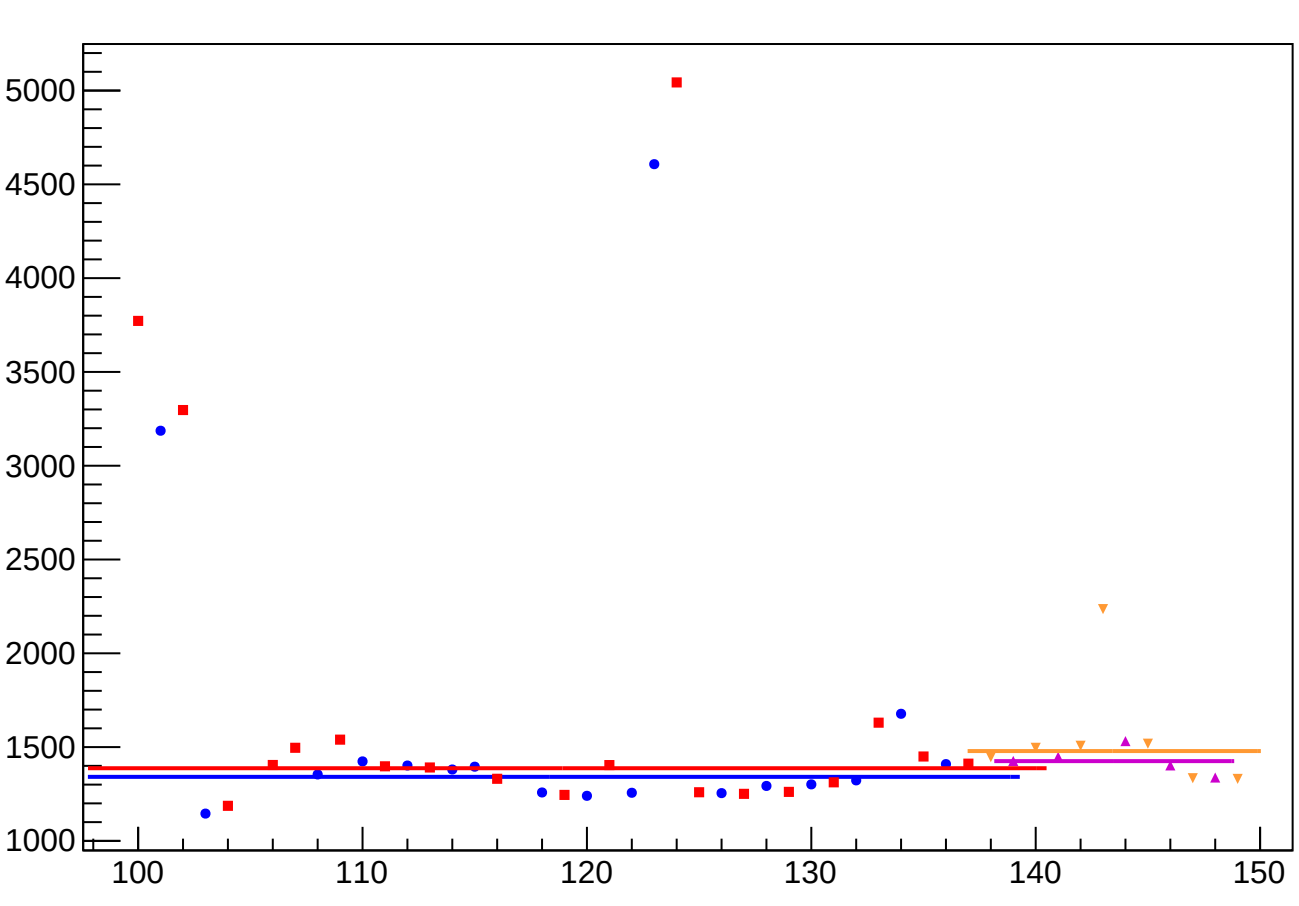
Left: 2280.035+/-483.786 χ^2/NDF: 24.3/11

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

In: 2673.956+/-424.207 χ^2/NDF:19.2/21

Out: 1840.521+/-418.867 χ^2/NDF:40.4/25

All: 2251.960+/-298.054 χ^2/NDF: 61.5/47



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

Left Out: 1478.840+/-0.470 χ^2/NDF:216594.6/6

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

Left In: 1425.245+/-0.498 χ^2/NDF:15975.5/4

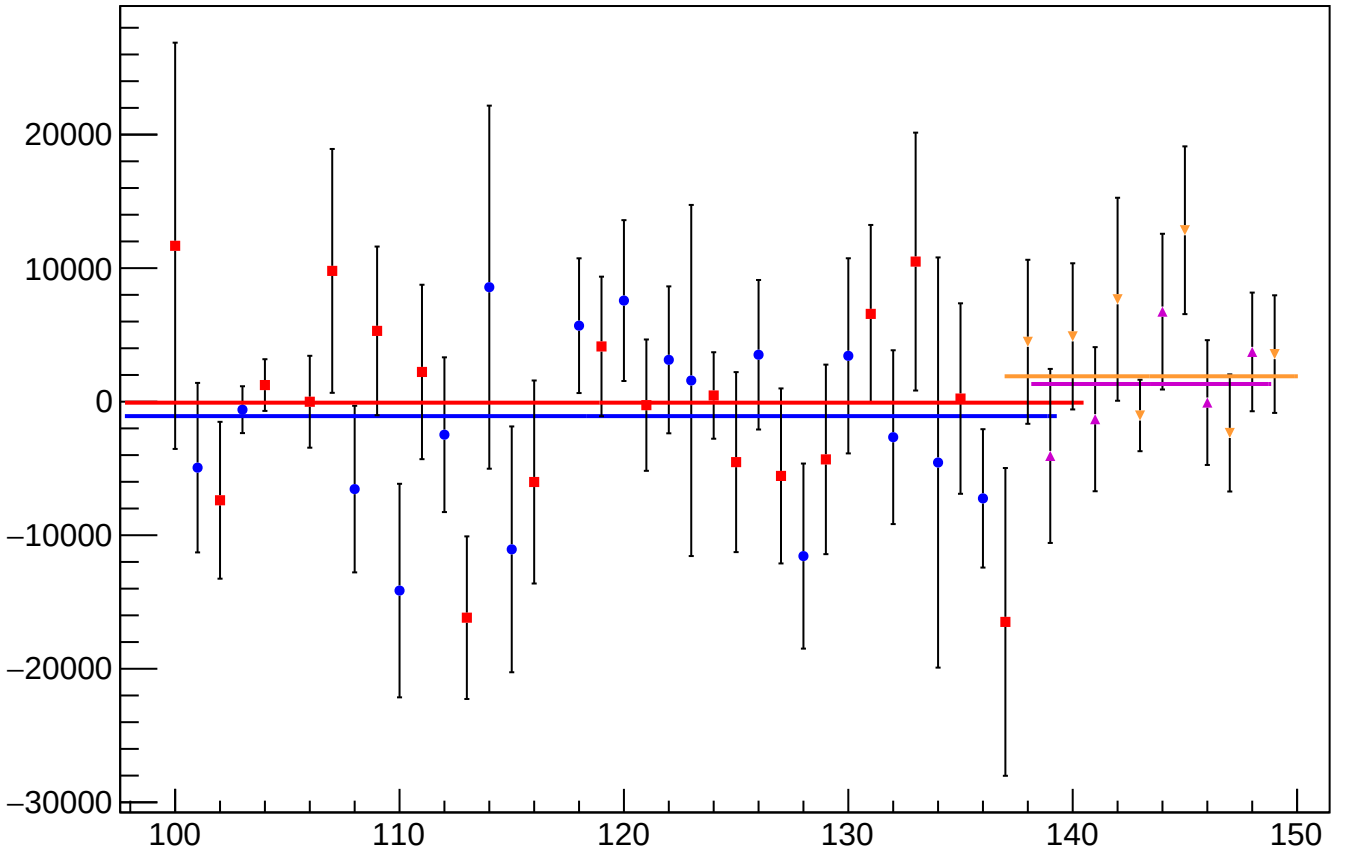
Left: 1453.599+/-0.342 χ^2/NDF: 238685.9/11

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

In: 1371.744+/-0.300 χ^2/NDF:538305.9/21

Out: 1423.613+/-0.296 χ^2/NDF:889631.0/25

All: 1398.014+/-0.211 χ^2/NDF: 1443081.0/47



Right In: -1081.040+/-1212.382 χ^2/NDF: 15.0/16

Left Out: 1901.958+/-1700.223 χ^2/NDF:6.4/6

Right Out: -74.089+/-1126.219 χ^2/NDF: 18.6/18

Left In: 1324.410+/-2332.720 χ^2/NDF:2.2/4

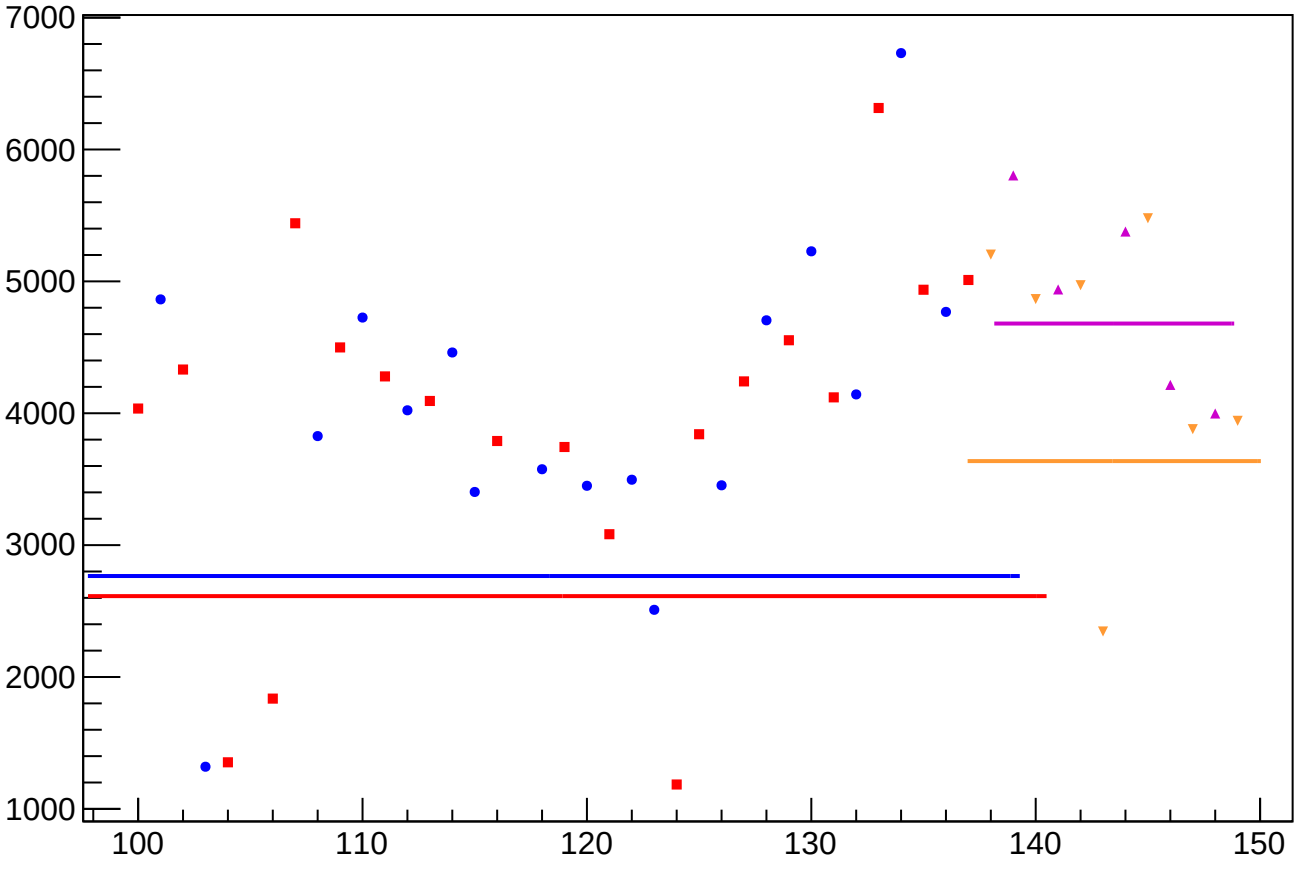
Left: 1701.588+/-1373.995 χ^2/NDF: 8.6/11

Right: -540.514+/-825.138 χ^2/NDF: 34.0/35

In: -569.469+/-1075.765 χ^2/NDF:18.0/21

Out: 528.527+/-938.918 χ^2/NDF:25.9/25

All: 53.768+/-707.382 χ^2/NDF: 44.5/47



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

Left Out: 3637.196+/-1.202 χ^2/NDF:946707.8/6

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

Left In: 4680.208+/-1.649 χ^2/NDF:159614.0/4

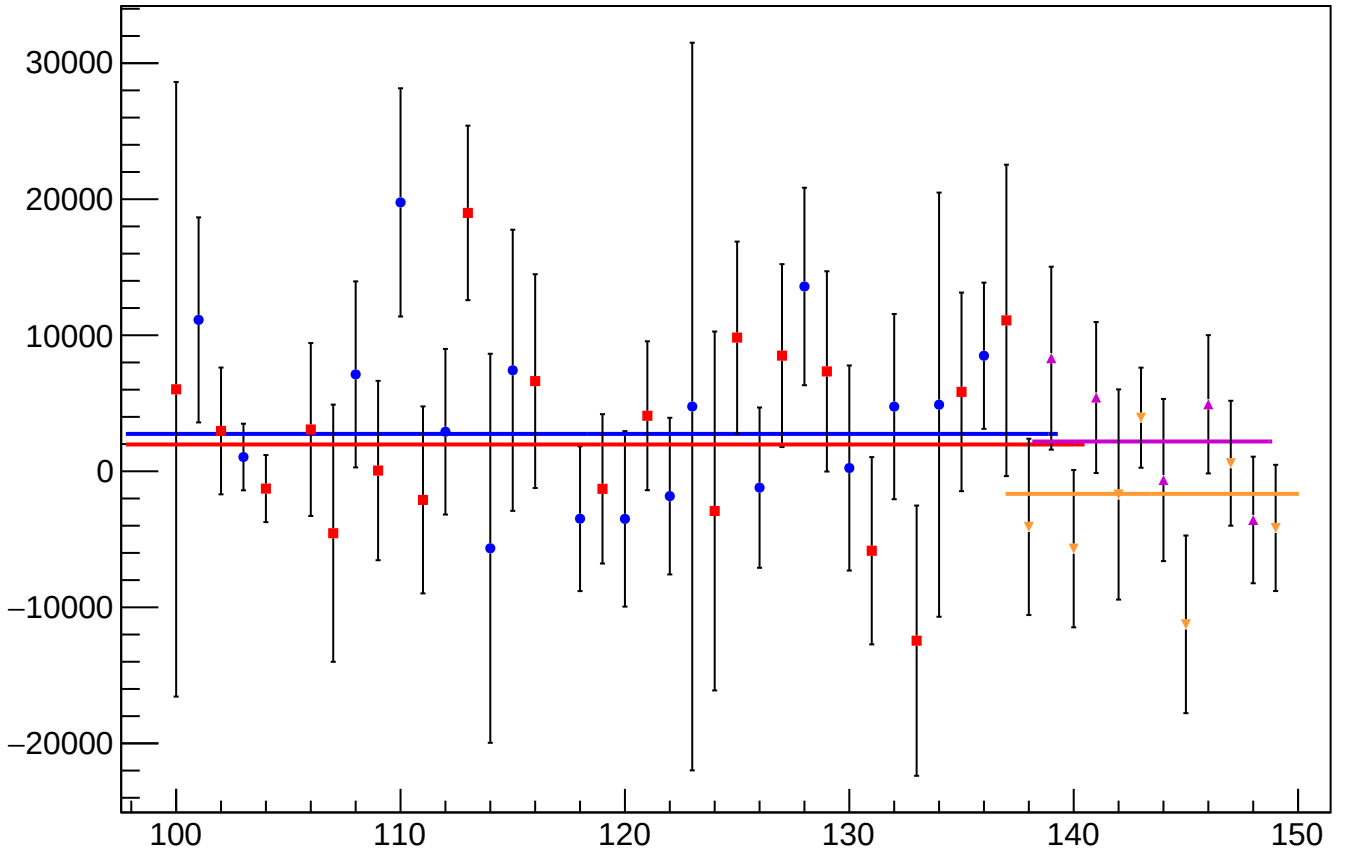
Left: 3999.051+/-0.972 χ^2/NDF: 1367442.3/11

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

In: 3172.890+/-0.761 χ^2/NDF:4159313.7/21

Out: 2925.595+/-0.664 χ^2/NDF:4790686.5/25

All: 3032.522+/-0.500 χ^2/NDF: 9009990.2/47



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

Left Out: -1658.736+/-1954.791 χ^2/NDF:5.6/6

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

Left In: 2190.908+/-2442.456 χ^2/NDF:3.2/4

Left: -155.661+/-1526.183 χ^2/NDF: 10.4/11

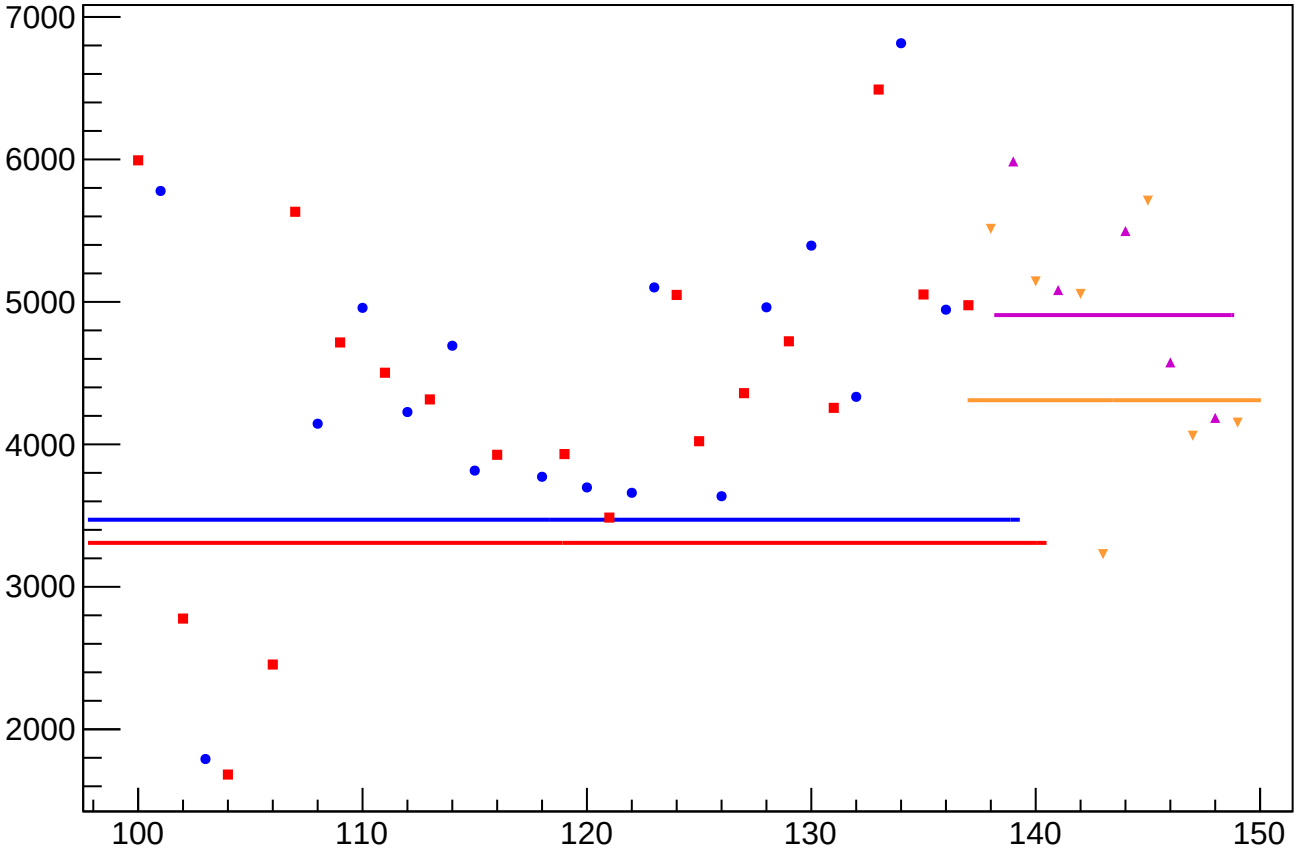
Right: 2341.887+/-999.181 χ^2/NDF: 31.7/35

In: 2603.530+/-1244.697 χ^2/NDF:17.0/21

Out: 761.818+/-1128.307 χ^2/NDF:25.7/25

All: 1592.559+/-835.960 χ^2/NDF: 44.0/47

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: 4309.847+/-1.382 χ^2/NDF:401814.7/6

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

Left In: 4907.441+/-1.727 χ^2/NDF:129756.3/4

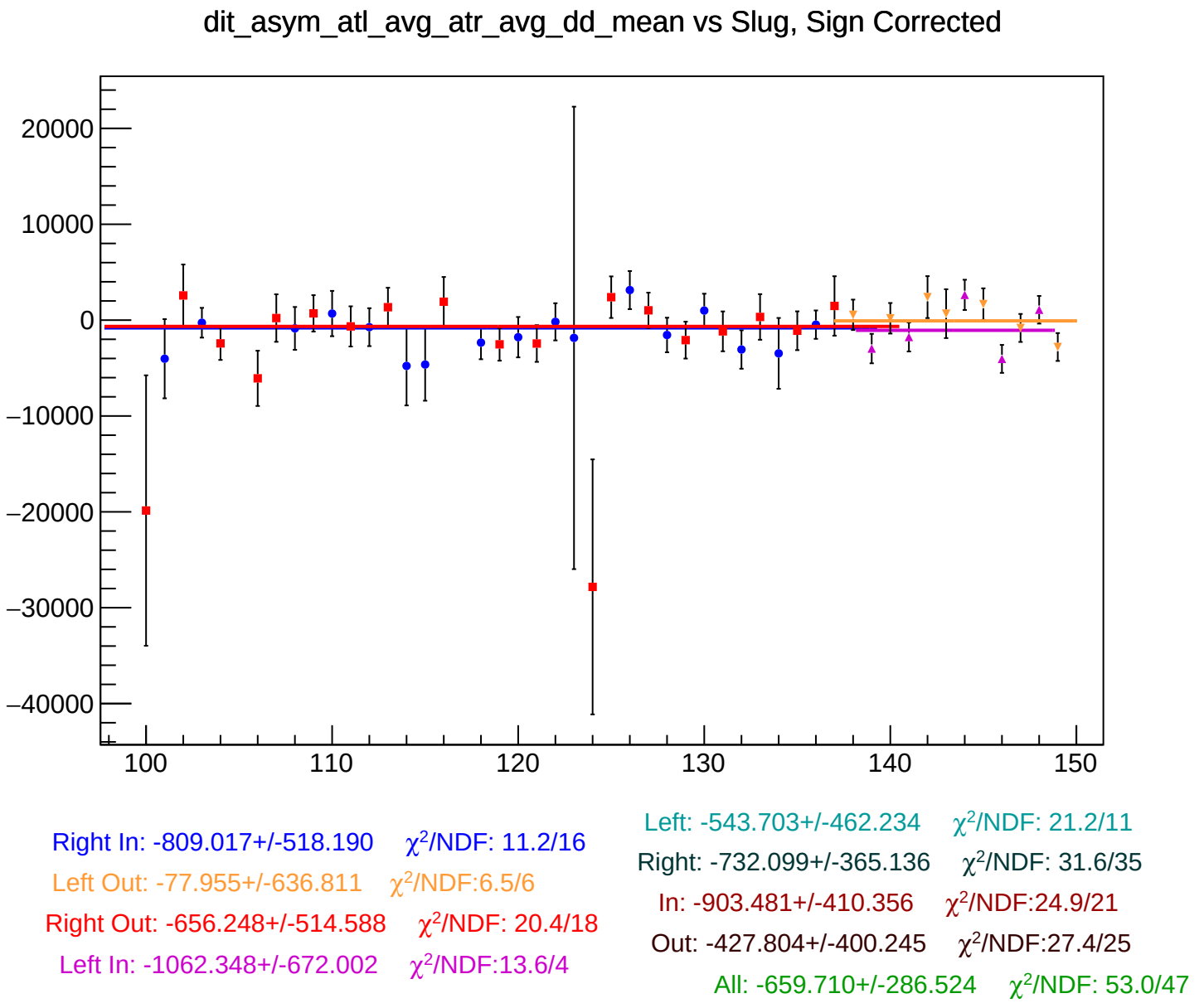
Left: 4543.175+/-1.079 χ^2/NDF: 604550.5/11

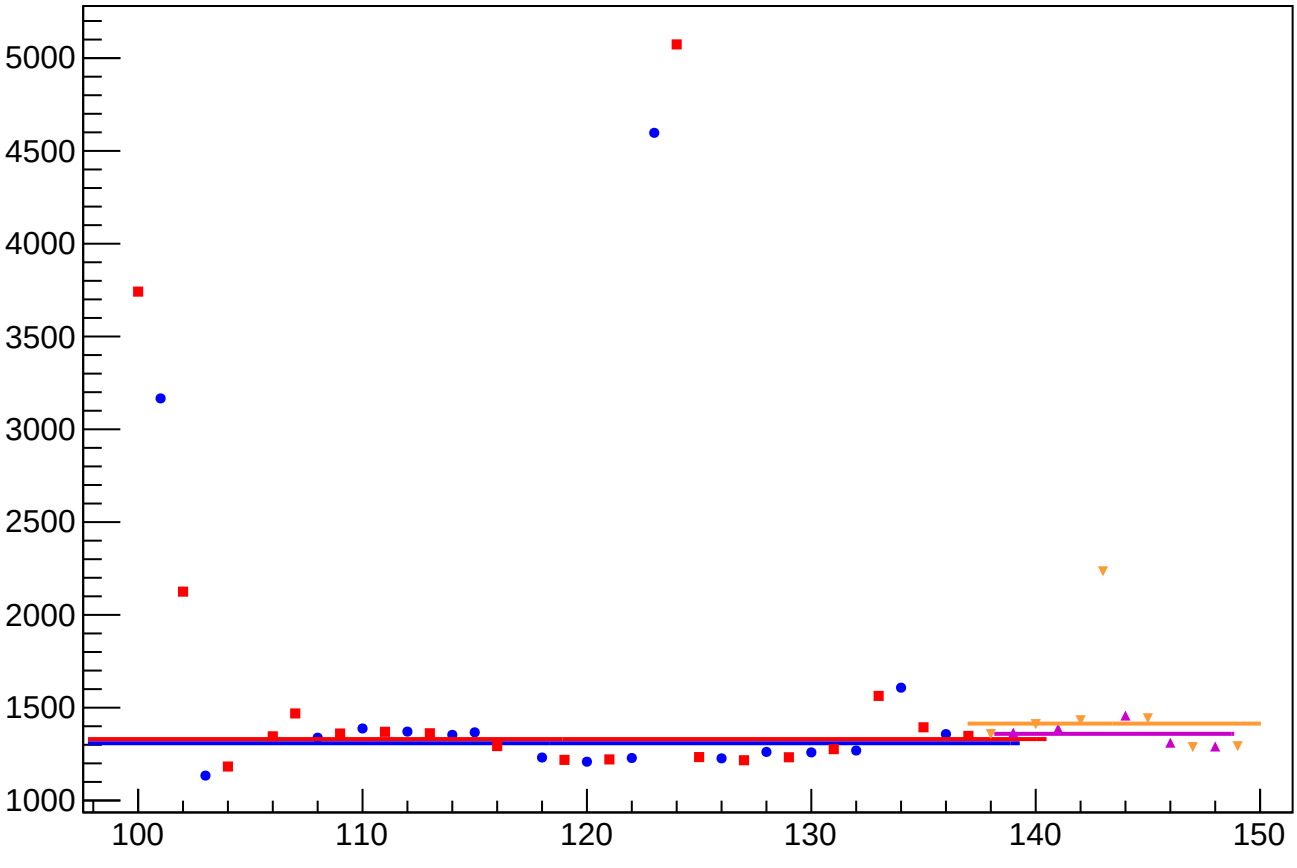
Right: 3385.381+/-0.703 χ^2/NDF: 3695605.3/35

In: 3844.146+/-0.880 χ^2/NDF:2409651.0/21

Out: 3638.075+/-0.793 χ^2/NDF:2668254.7/25

All: 3730.403+/-0.589 χ^2/NDF: 5108164.9/47


dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected
20000
10000
0
−10000
−20000
−30000
−40000
100
110
120
130
140
150
Right In: -809.017+/-518.190 χ²/NDF: 11.2/16
Left Out: -77.955+/-636.811 χ²/NDF:6.5/6
Right Out: -656.248+/-514.588 χ²/NDF: 20.4/18
Left In: -1062.348+/-672.002 χ²/NDF:13.6/4
Left: -543.703+/-462.234 χ²/NDF: 21.2/11
Right: -732.099+/-365.136 χ²/NDF: 31.6/35
In: -903.481+/-410.356 χ²/NDF:24.9/21
Out: -427.804+/-400.245 χ²/NDF:27.4/25
All: -659.710+/-286.524 χ²/NDF: 53.0/47



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

Left Out: 1414.237+/-0.450 χ^2/NDF:239775.0/6

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

Left In: 1359.099+/-0.475 χ^2/NDF:15138.4/4

Left: 1388.149+/-0.327 χ^2/NDF: 262007.4/11

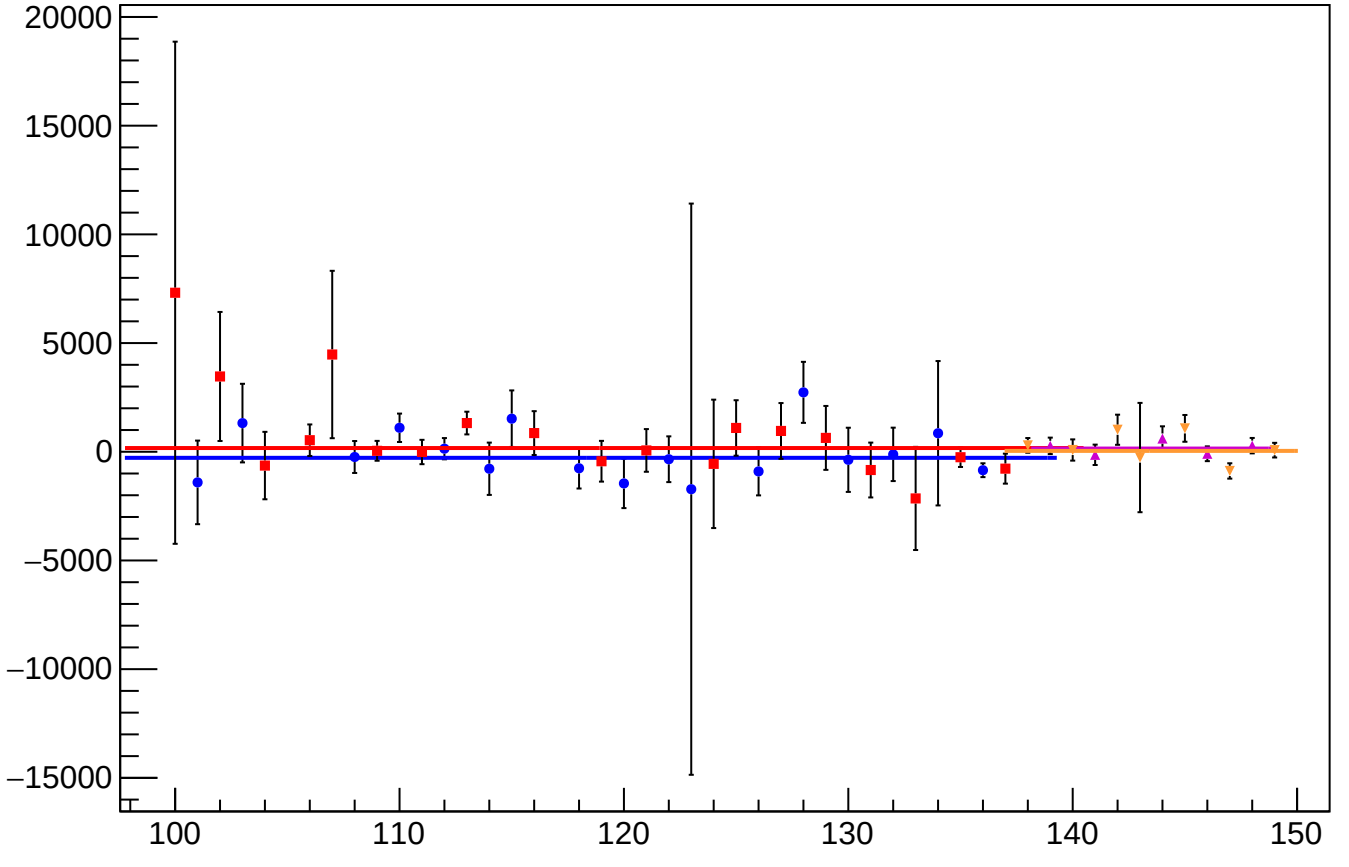
Right: 1319.692+/-0.258 χ^2/NDF: 924287.9/35

In: 1327.284+/-0.290 χ^2/NDF:528831.9/21

Out: 1363.796+/-0.283 χ^2/NDF:676361.9/25

All: 1345.995+/-0.203 χ^2/NDF: 1213308.0/47

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: 40.306+/-169.965 χ^2/NDF:12.2/6

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

Left In: 147.613+/-178.803 χ^2/NDF:1.8/4

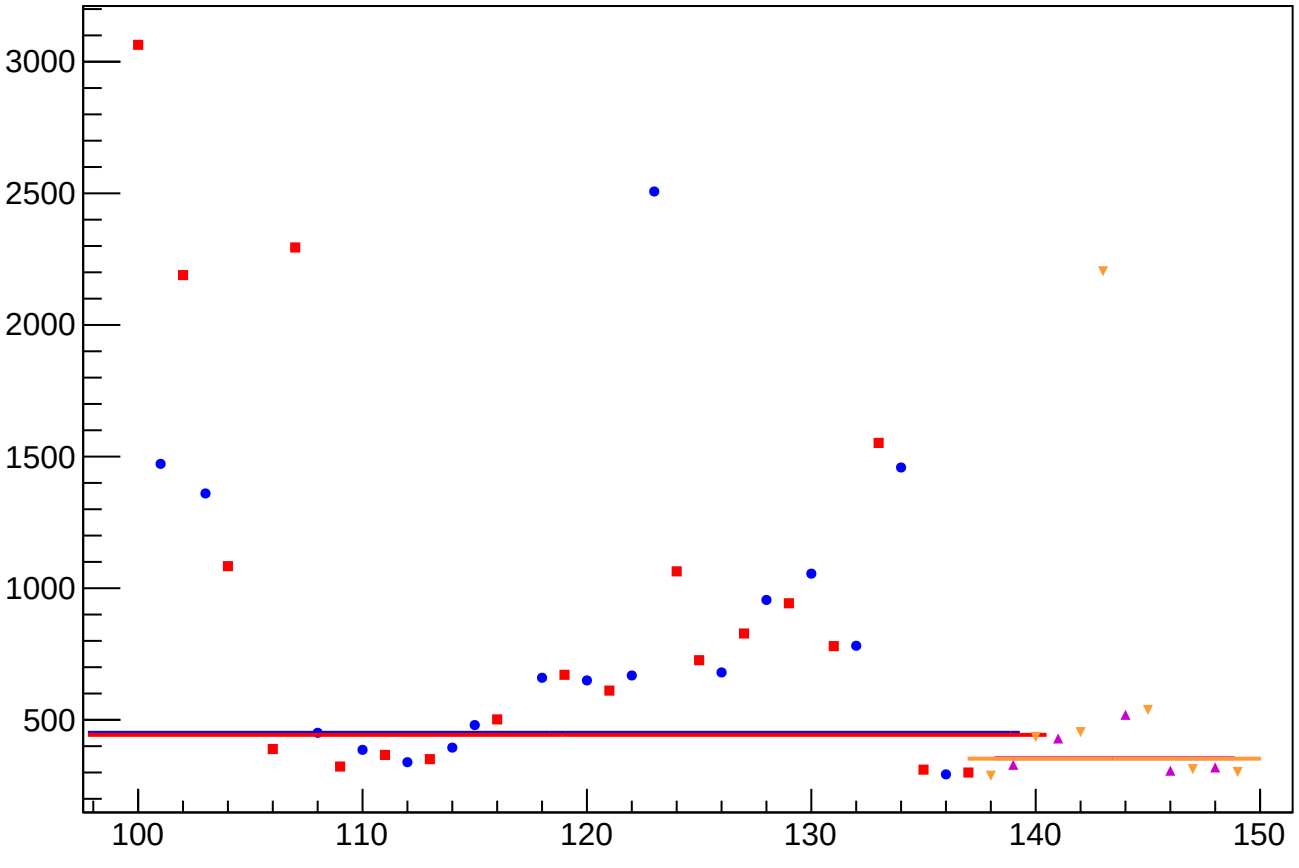
Left: 91.242+/-123.189 χ^2/NDF: 14.2/11

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

In: -43.754+/-132.739 χ^2/NDF:22.4/21

Out: 97.832+/-127.398 χ^2/NDF:27.2/25

All: 29.944+/-91.914 χ^2/NDF: 50.2/47



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

Left Out: 352.622+/-0.120 χ^2/NDF:1507977.6/6

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

Left In: 354.287+/-0.126 χ^2/NDF:290064.6/4

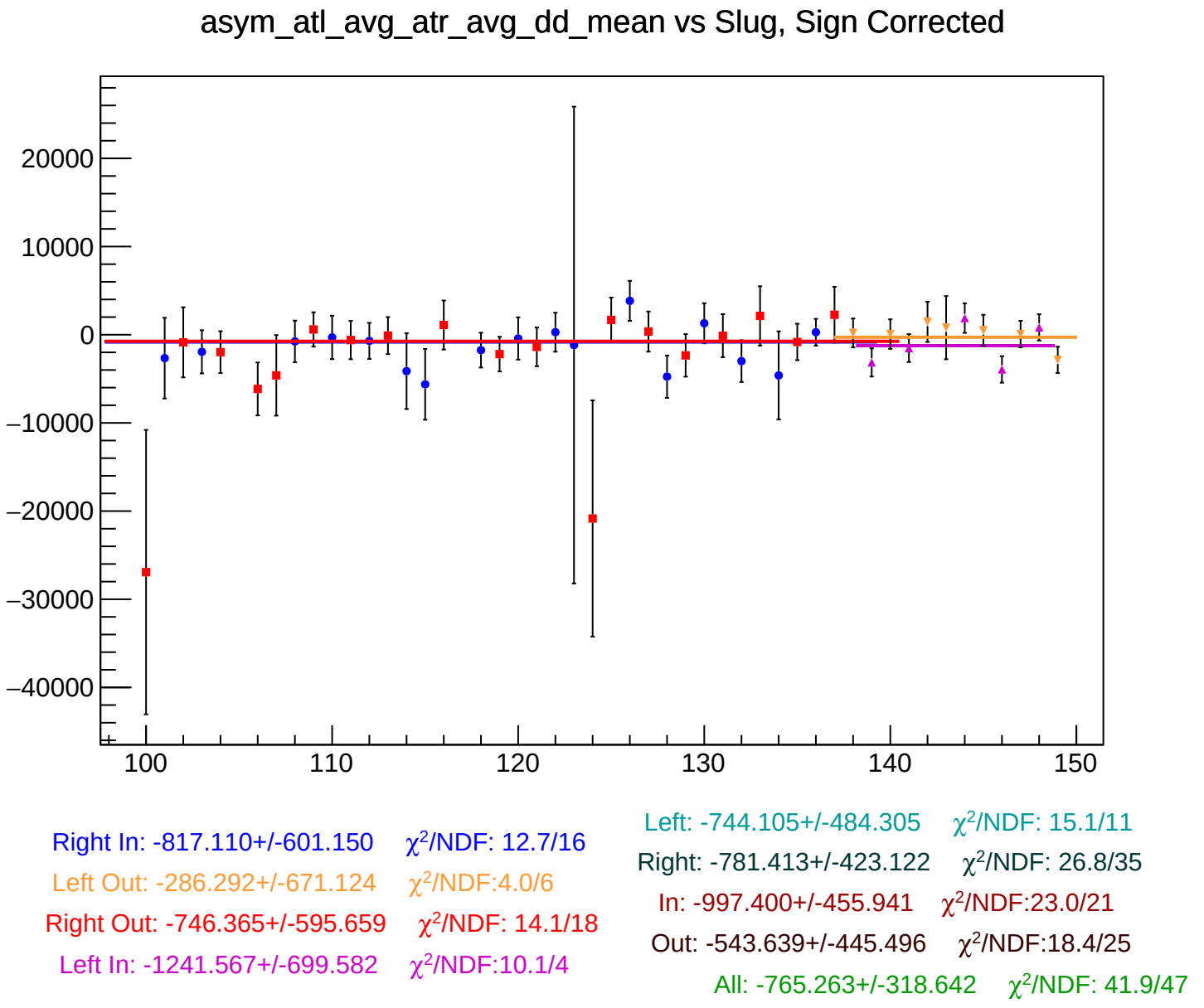
Left: 353.412+/-0.087 χ^2/NDF: 1798133.3/11

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

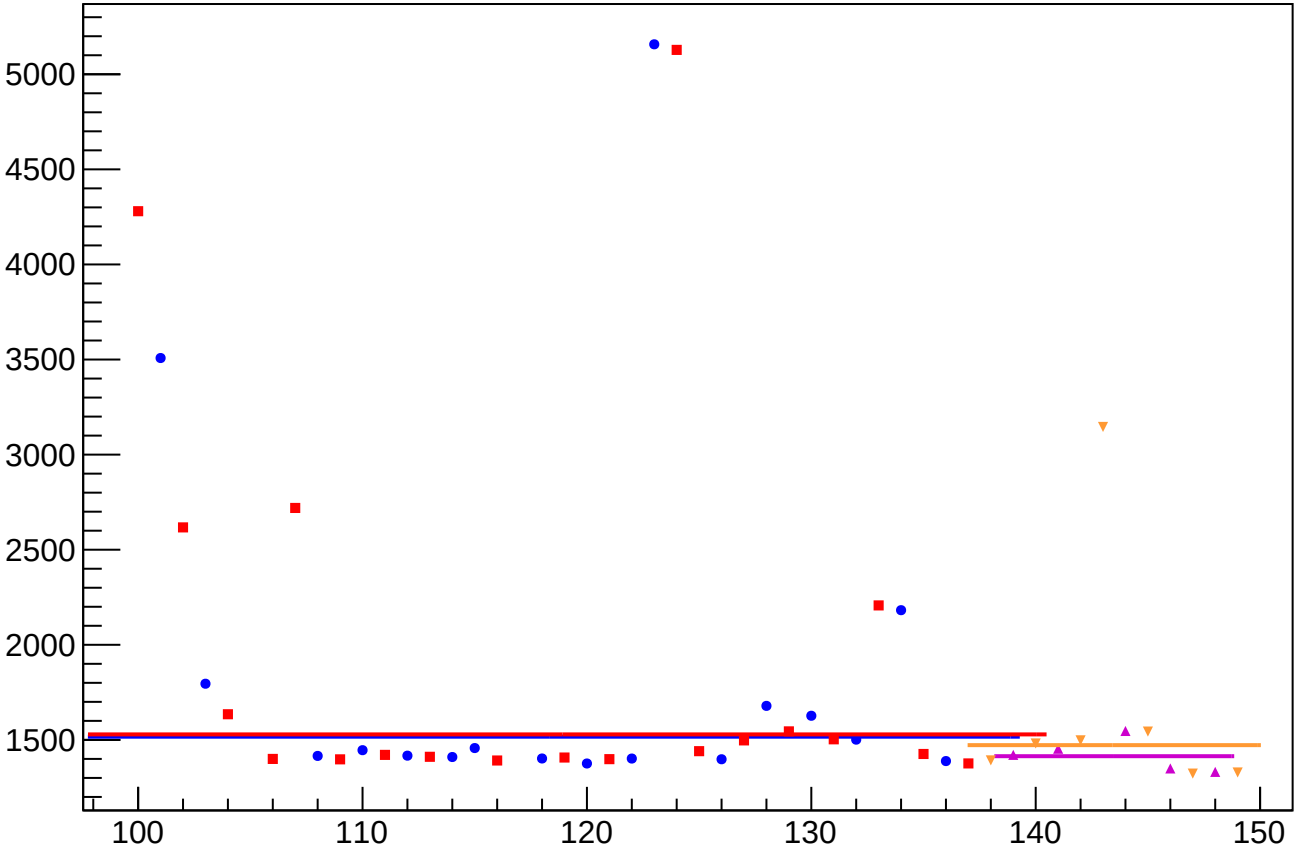
In: 397.518+/-0.094 χ^2/NDF:3548258.7/21

Out: 392.265+/-0.090 χ^2/NDF:5227661.4/25

All: 394.783+/-0.065 χ^2/NDF: 8777550.5/47


asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected
20000
10000
0
−10000
−20000
−30000
−40000
100
110
120
130
140
150
Right In: -817.110+/-601.150 χ²/NDF: 12.7/16
Left Out: -286.292+/-671.124 χ²/NDF:4.0/6
Right Out: -746.365+/-595.659 χ²/NDF: 14.1/18
Left In: -1241.567+/-699.582 χ²/NDF:10.1/4
Left: -744.105+/-484.305 χ²/NDF: 15.1/11
Right: -781.413+/-423.122 χ²/NDF: 26.8/35
In: -997.400+/-455.941 χ²/NDF:23.0/21
Out: -543.639+/-445.496 χ²/NDF:18.4/25
All: -765.263+/-318.642 χ²/NDF: 41.9/47

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: 1472.388+/-0.475 χ^2/NDF:482866.0/6

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

Left In: 1414.268+/-0.495 χ^2/NDF:23649.1/4

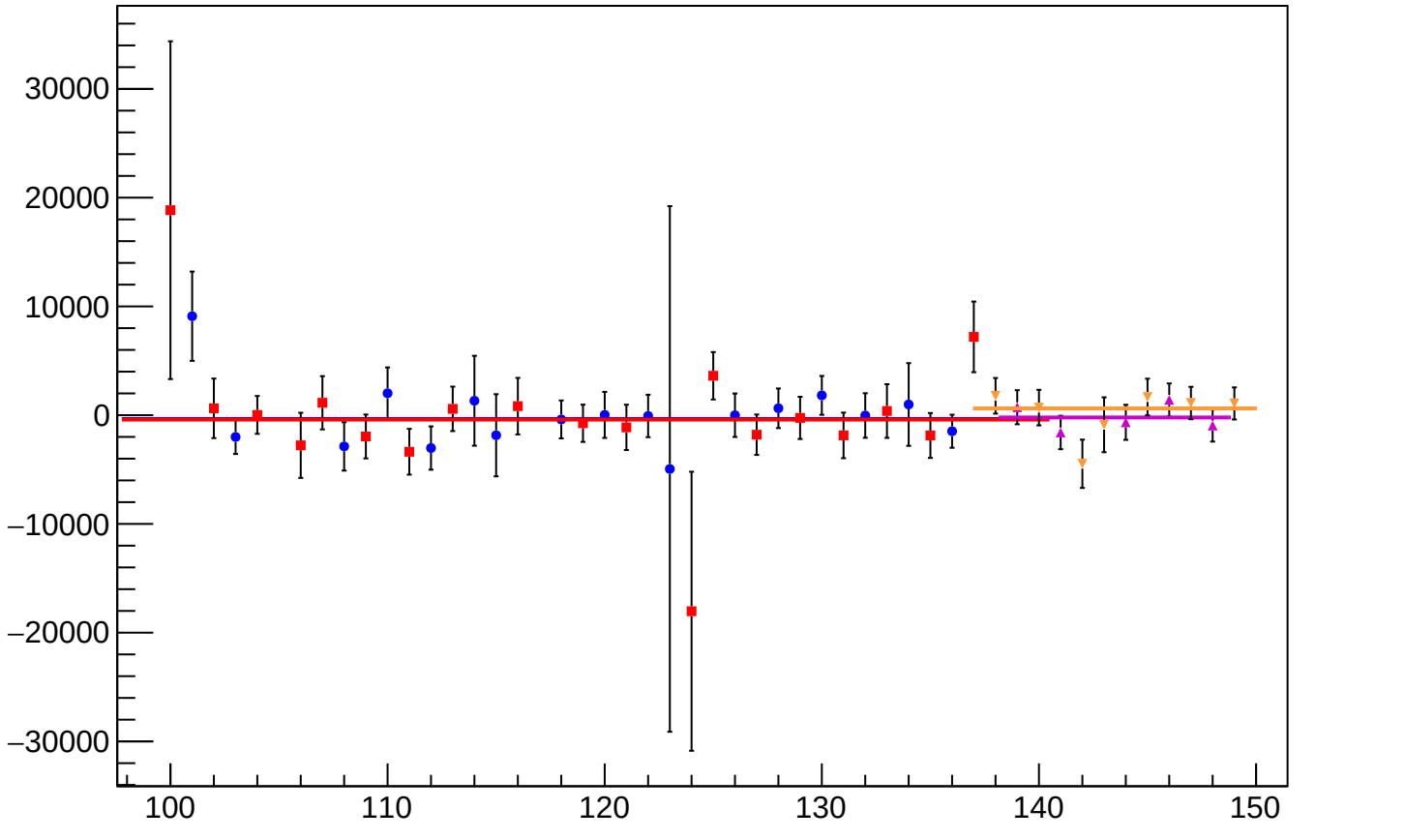
Left: 1444.534+/-0.342 χ^2/NDF: 513703.5/11

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

In: 1473.327+/-0.322 χ^2/NDF:589466.7/21

Out: 1503.974+/-0.315 χ^2/NDF:1120967.6/25

All: 1489.005+/-0.225 χ^2/NDF: 1715057.2/47



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

Left Out: 618.375+/-649.599 χ^2/NDF:6.7/6

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

Left In: -213.874+/-687.222 χ^2/NDF:2.7/4

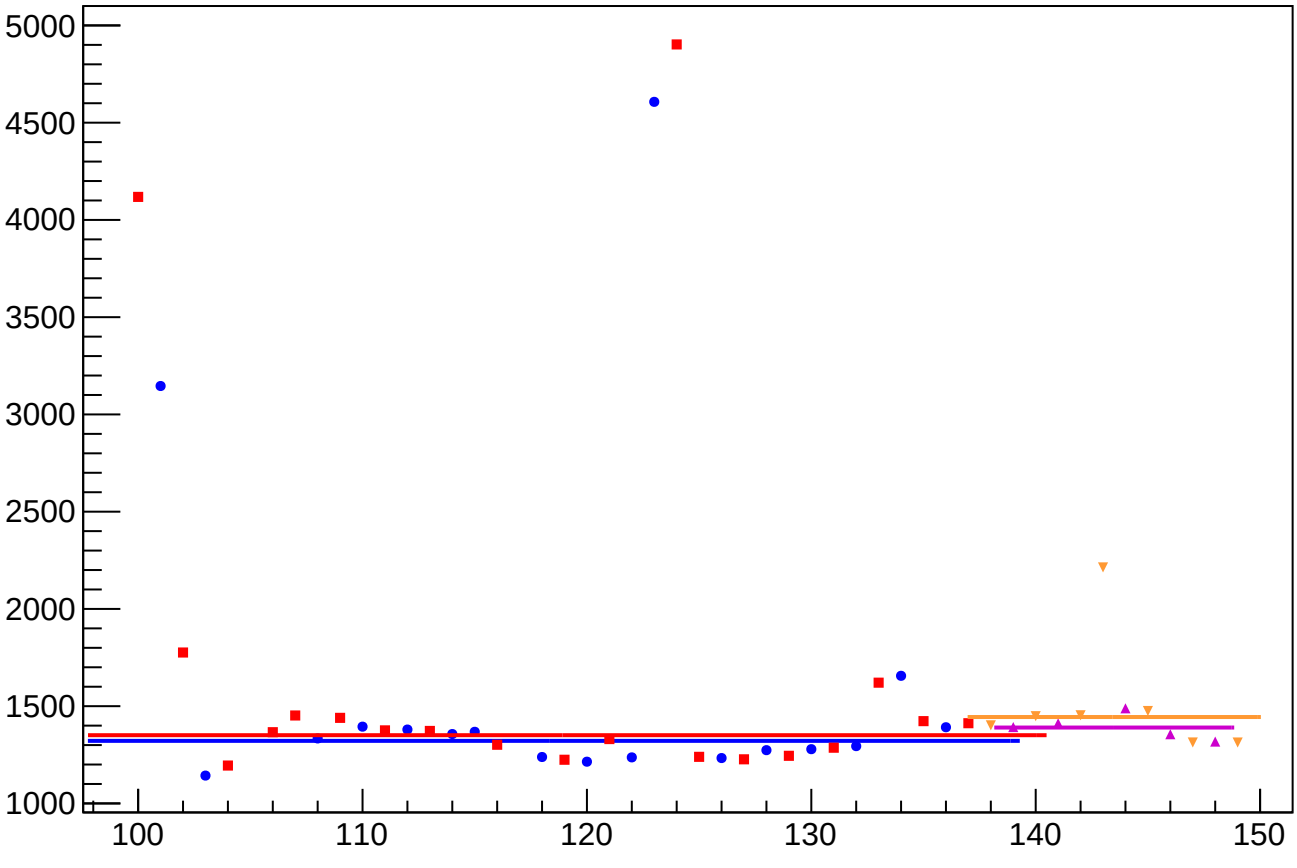
Left: 225.654+/-472.076 χ^2/NDF: 10.1/11

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

In: -302.017+/-416.349 χ^2/NDF:16.1/21

Out: -4.869+/-406.925 χ^2/NDF:26.6/25

All: -150.043+/-291.014 χ^2/NDF: 43.0/47



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

Left Out: 1444.239+/-0.459 χ^2/NDF:219068.7/6

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

Left In: 1390.129+/-0.486 χ^2/NDF:13764.0/4

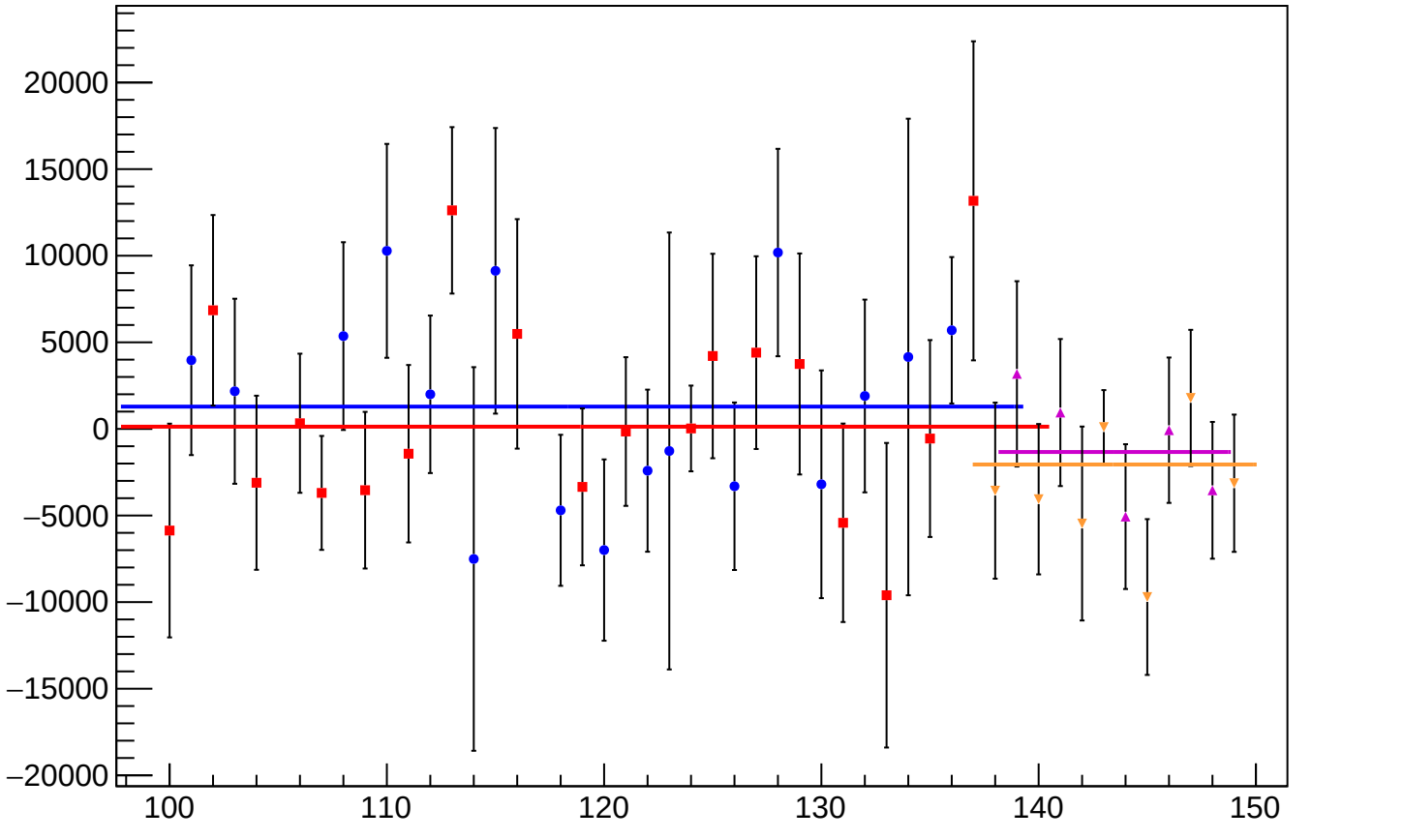
Left: 1418.706+/-0.334 χ^2/NDF: 239380.8/11

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

In: 1346.818+/-0.294 χ^2/NDF:528560.3/21

Out: 1387.425+/-0.288 χ^2/NDF:594120.2/25

All: 1367.593+/-0.206 χ^2/NDF: 1132413.8/47



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

Left Out: -2053.931+/-1386.376 χ^2/NDF:5.6/6

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

Left In: -1332.631+/-1929.688 χ^2/NDF:2.2/4

Left: -1808.371+/-1125.921 χ^2/NDF: 7.9/11

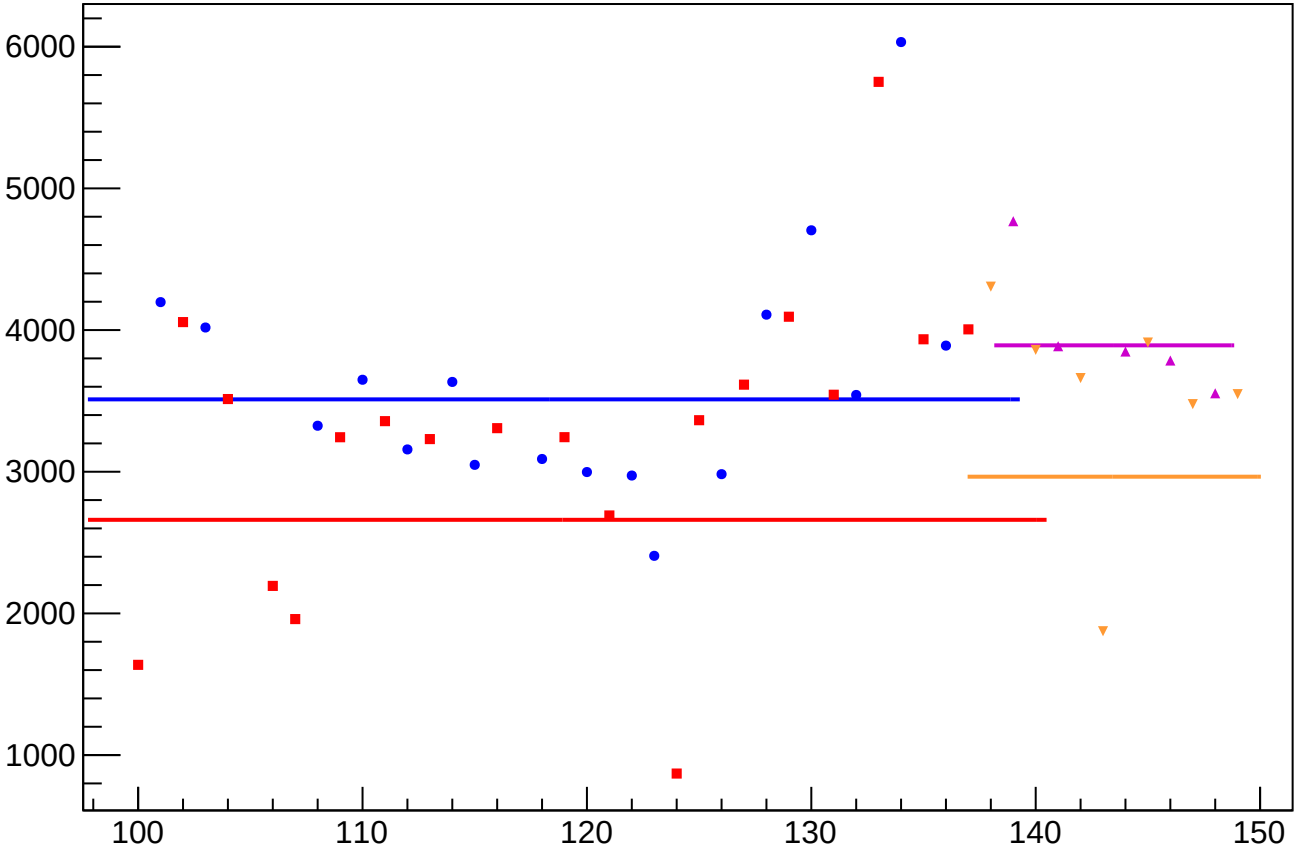
Right: 574.831+/-853.528 χ^2/NDF: 33.3/35

In: 404.441+/-1120.262 χ^2/NDF:17.7/21

Out: -703.257+/-856.023 χ^2/NDF:25.7/25

All: -294.912+/-680.179 χ^2/NDF: 44.0/47

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: 2965.034+/-0.980 χ^2/NDF:941823.5/6

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

Left In: 3892.150+/-1.364 χ^2/NDF:69870.5/4

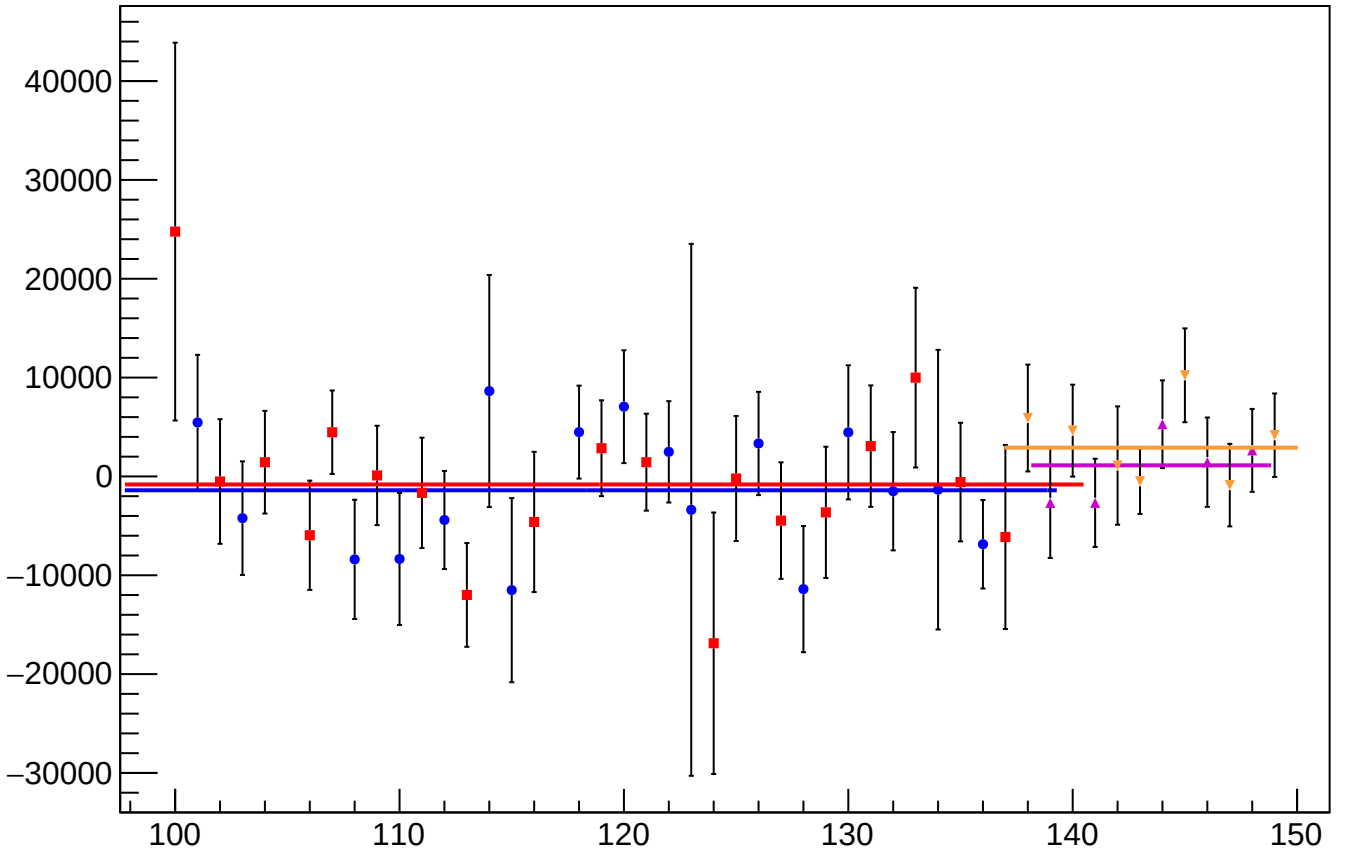
Left: 3280.663+/-0.796 χ^2/NDF: 1316187.1/11

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

In: 3639.325+/-0.792 χ^2/NDF:465709.7/21

Out: 2776.688+/-0.605 χ^2/NDF:3184139.4/25

All: 3094.693+/-0.481 χ^2/NDF: 4398572.1/47



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

Left Out: 2911.223+/-1672.761 χ^2/NDF:4.9/6

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

Left In: 1122.099+/-2045.147 χ^2/NDF:2.2/4

Left: 2194.079+/-1294.814 χ^2/NDF: 7.5/11

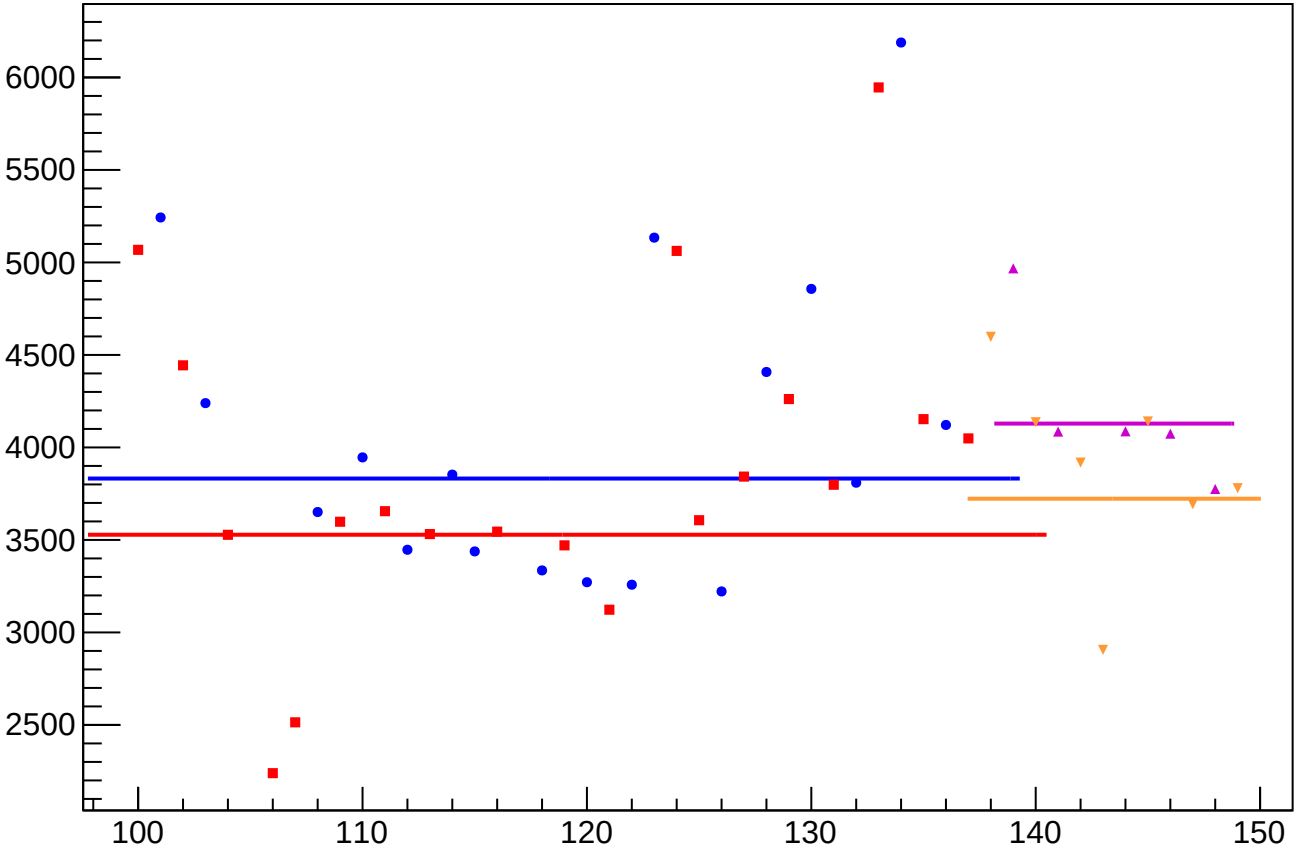
Right: -1082.331+/-1016.512 χ^2/NDF: 30.1/35

In: -515.586+/-1211.716 χ^2/NDF:19.0/21

Out: 693.410+/-1064.093 χ^2/NDF:22.1/25

All: 167.007+/-799.554 χ^2/NDF: 41.6/47

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: 3722.780+/-1.183 χ^2/NDF:208138.9/6

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

Left In: 4128.872+/-1.446 χ^2/NDF:60215.2/4

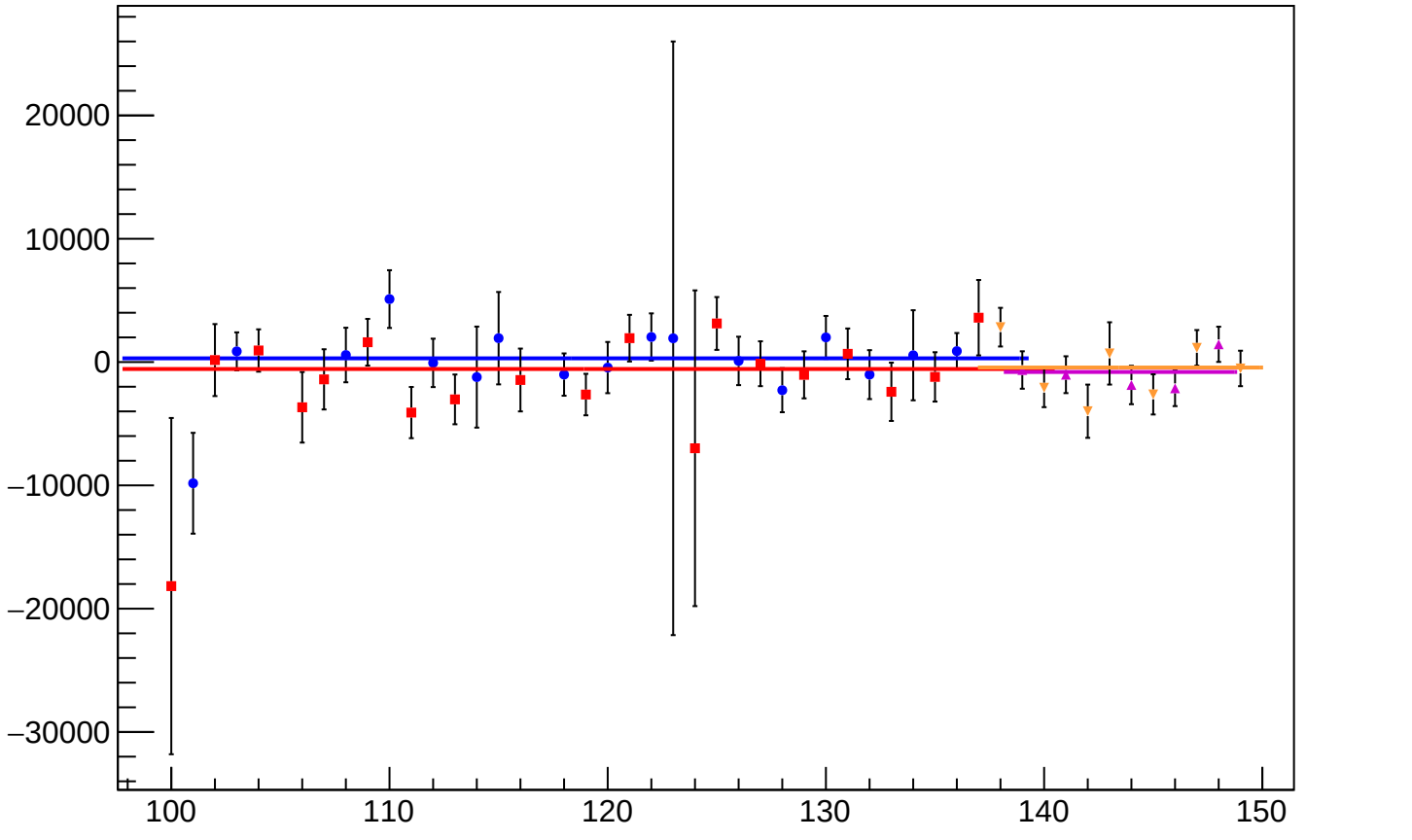
Left: 3885.556+/-0.916 χ^2/NDF: 315601.4/11

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

In: 3936.092+/-0.857 χ^2/NDF:425305.2/21

Out: 3606.024+/-0.748 χ^2/NDF:781577.9/25

All: 3748.855+/-0.564 χ^2/NDF: 1291068.3/47



Right In: 301.968+/-512.834 χ^2/NDF: 16.1/16

Left Out: -443.015+/-629.834 χ^2/NDF:11.4/6

Right Out: -562.233+/-508.331 χ^2/NDF: 19.1/18

Left In: -803.282+/-664.617 χ^2/NDF:3.8/4

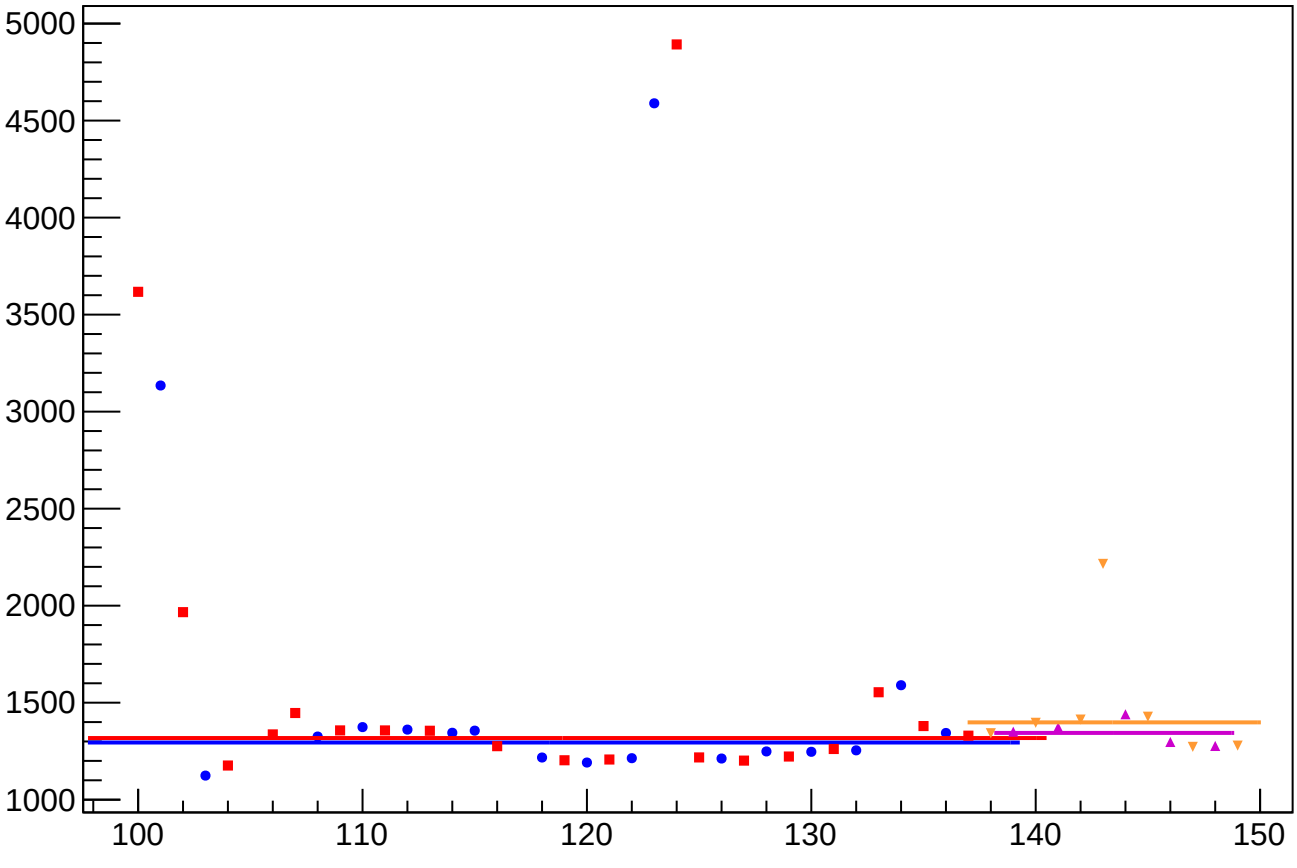
Left: -613.475+/-457.162 χ^2/NDF: 15.3/11

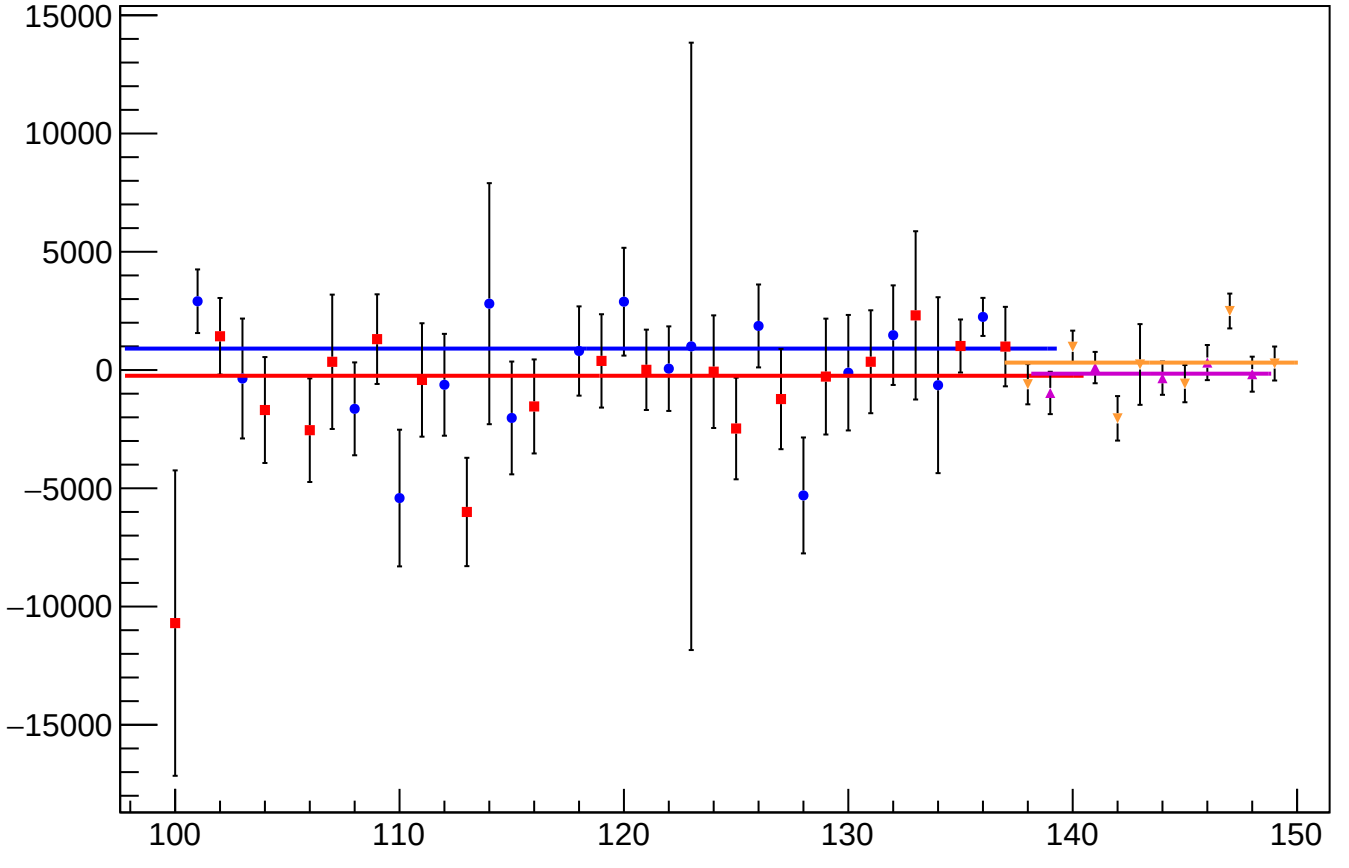
Right: -133.943+/-361.026 χ^2/NDF: 36.6/35

In: -110.510+/-406.015 χ^2/NDF:21.6/21

Out: -515.207+/-395.569 χ^2/NDF:30.5/25

All: -318.132+/-283.330 χ^2/NDF: 52.6/47


dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected
5000
4500
4000
3500
3000
2500
2000
1500
1000
100
110
120
130
140
150
Right In: 1294.729+/-0.363 χ²/NDF: 507803.9/16
Left Out: 1398.494+/-0.445 χ²/NDF:241593.9/6
Right Out: 1317.789+/-0.359 χ²/NDF: 390807.4/18
Left In: 1344.182+/-0.470 χ²/NDF:14896.2/4
Left: 1372.796+/-0.323 χ²/NDF: 263526.9/11
Right: 1306.361+/-0.255 χ²/NDF: 900651.0/35
In: 1313.185+/-0.287 χ²/NDF:529640.6/21
Out: 1349.623+/-0.280 χ²/NDF:652286.8/25
All: 1331.879+/-0.200 χ²/NDF: 1190191.6/47



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

Left Out: 313.588+/-310.037 χ^2/NDF:18.5/6

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

Left In: -154.340+/-329.942 χ^2/NDF:1.5/4

Left: 94.164+/-225.939 χ^2/NDF: 21.0/11

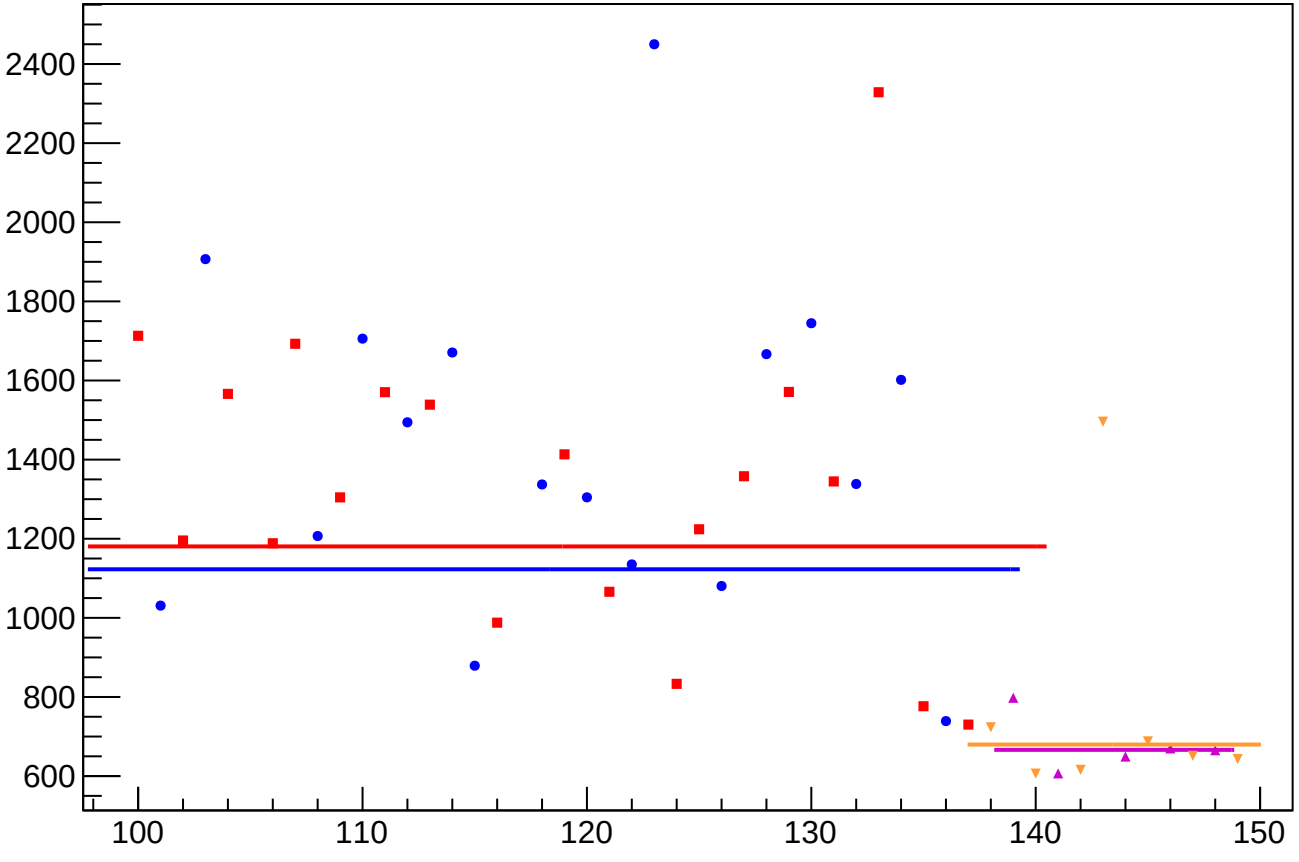
Right: 341.565+/-324.946 χ^2/NDF: 41.6/35

In: 210.432+/-267.276 χ^2/NDF:27.0/21

Out: 141.666+/-257.672 χ^2/NDF:35.9/25

All: 174.791+/-185.504 χ^2/NDF: 63.0/47

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: 679.778+/-0.219 χ^2/NDF:503431.2/6

Right Out: 1180.554+/-0.328 χ^2/NDF: 1035382.2/18

Left In: 666.328+/-0.233 χ^2/NDF:60566.3/4

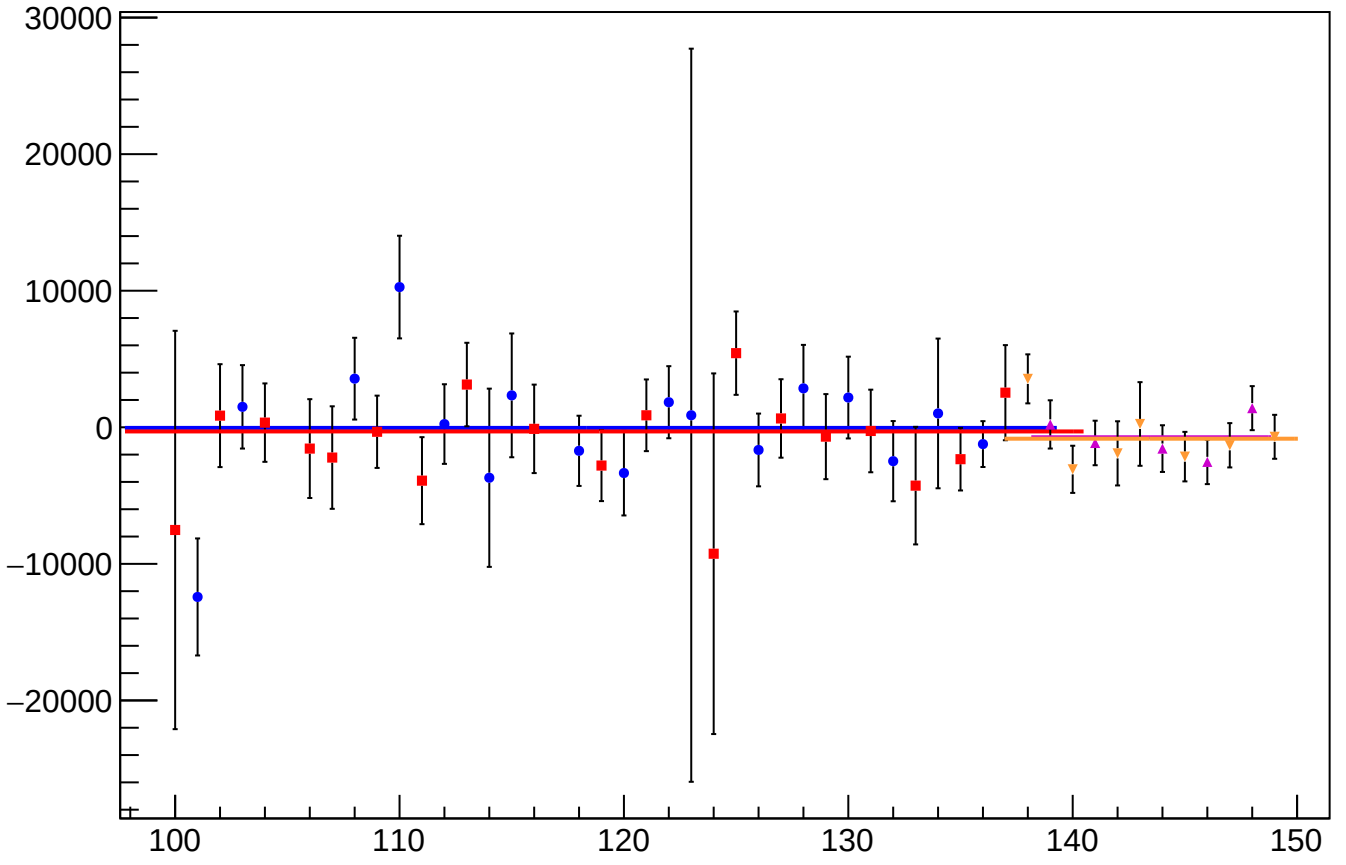
Left: 673.471+/-0.160 χ^2/NDF: 565762.4/11

Right: 1151.192+/-0.230 χ^2/NDF: 2239183.7/35

In: 823.250+/-0.189 χ^2/NDF:2564466.1/21

Out: 834.653+/-0.182 χ^2/NDF:3152530.4/25

All: 829.160+/-0.131 χ^2/NDF: 5718883.3/47



Right In: -44.367+/-747.588 χ^2/NDF: 23.2/16

Left Out: -835.396+/-706.397 χ^2/NDF:8.6/6

Right Out: -303.720+/-734.458 χ^2/NDF: 10.9/18

Left In: -730.018+/-745.129 χ^2/NDF:3.6/4

Left: -785.517+/-512.644 χ^2/NDF: 12.2/11

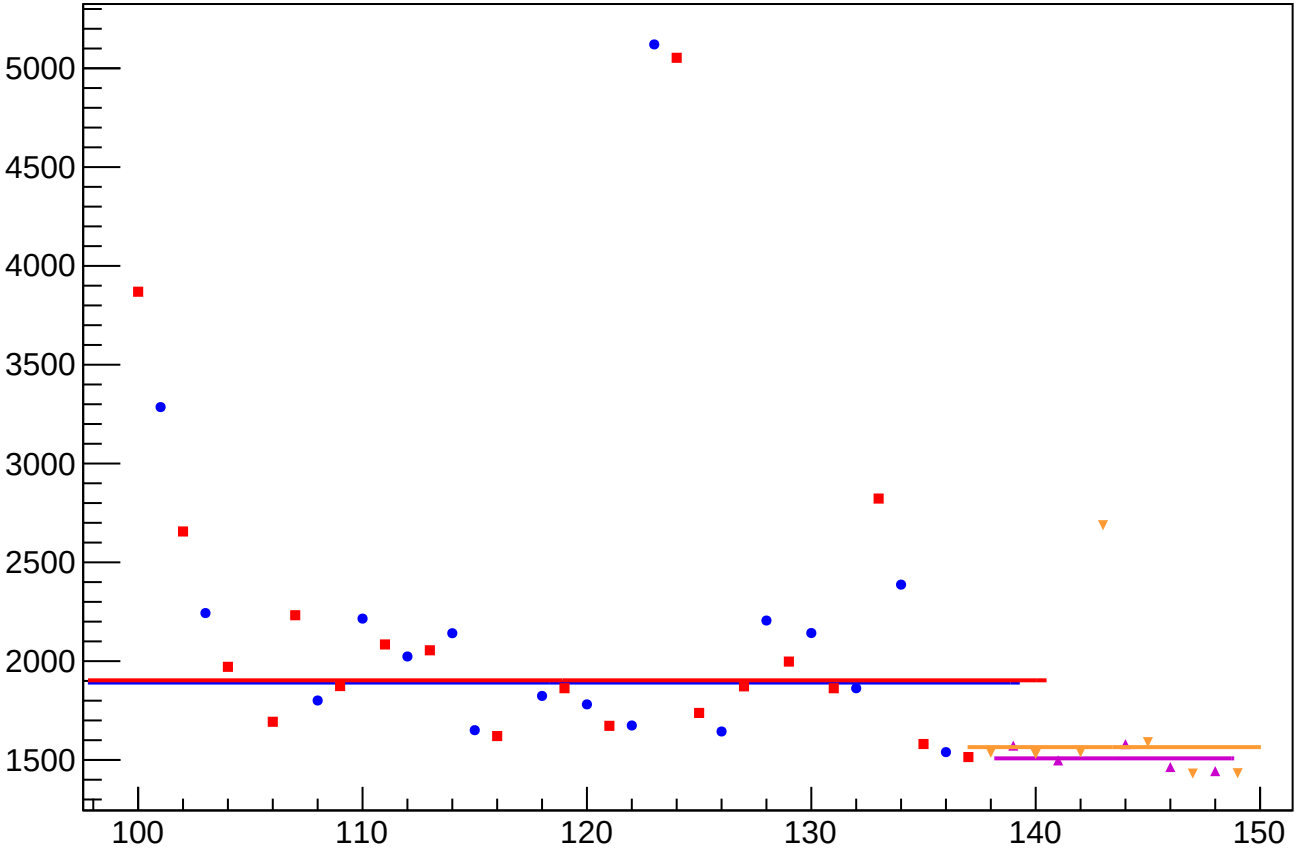
Right: -176.341+/-523.921 χ^2/NDF: 34.1/35

In: -388.322+/-527.753 χ^2/NDF:27.2/21

Out: -579.909+/-509.129 χ^2/NDF:19.7/25

All: -487.555+/-366.416 χ^2/NDF: 47.0/47

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: 1565.025+/-0.499 χ^2/NDF:297894.9/6

Right Out: 1903.010+/-0.519 χ^2/NDF: 460147.6/18

Left In: 1508.124+/-0.527 χ^2/NDF:10941.2/4

Left: 1538.092+/-0.362 χ^2/NDF: 314978.5/11

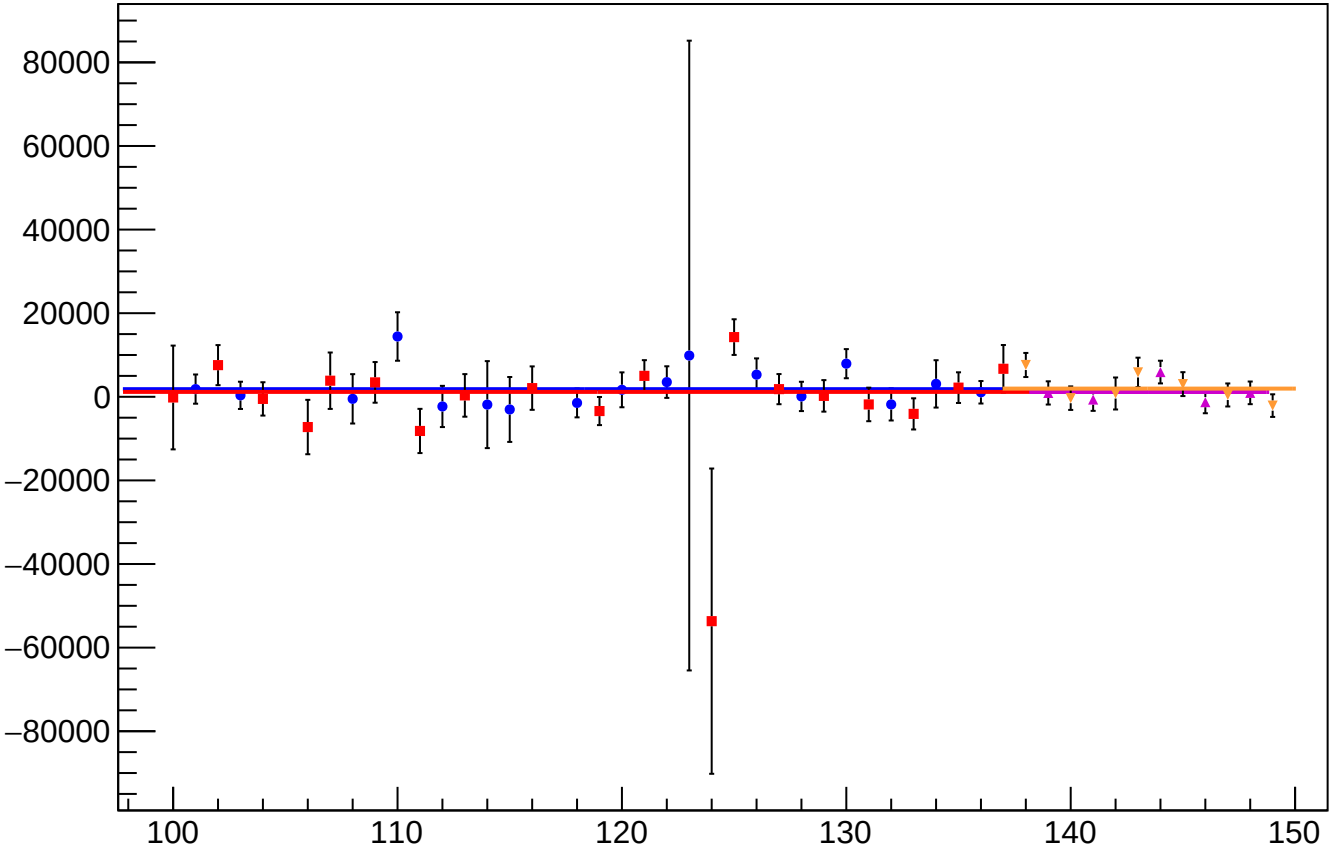
Right: 1897.439+/-0.370 χ^2/NDF: 929470.1/35

In: 1699.266+/-0.373 χ^2/NDF:744109.5/21

Out: 1727.440+/-0.360 χ^2/NDF:978058.9/25

All: 1713.859+/-0.259 χ^2/NDF: 1725120.9/47

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF: 12.6/16

Left Out: 1960.483+/-1127.428 χ^2/NDF:8.5/6

Right Out: 1173.235+/-1046.189 χ^2/NDF: 25.5/18

Left In: 1149.837+/-1212.968 χ^2/NDF:4.4/4

Left: 1584.749+/-825.798 χ^2/NDF: 13.1/11

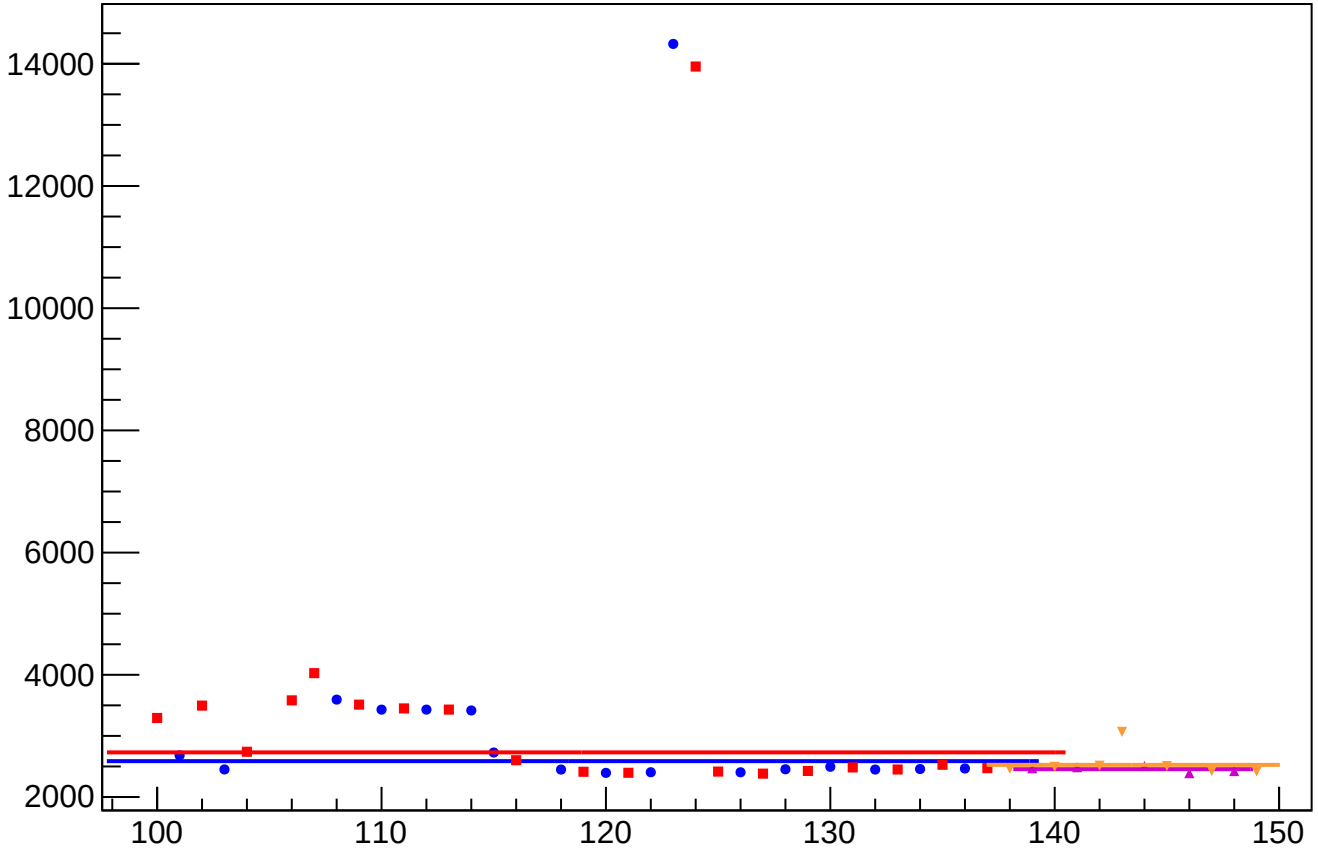
Right: 1510.553+/-726.697 χ^2/NDF: 38.2/35

In: 1548.525+/-776.233 χ^2/NDF:17.1/21

Out: 1537.477+/-766.880 χ^2/NDF:34.3/25

All: 1542.934+/-545.543 χ^2/NDF: 51.4/47

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF: 254112.7/16

Left Out: 2526.152+/-0.797 χ^2/NDF:54303.2/6

Right Out: 2730.484+/-0.740 χ^2/NDF: 584993.0/18

Left In: 2455.567+/-0.858 χ^2/NDF:2525.5/4

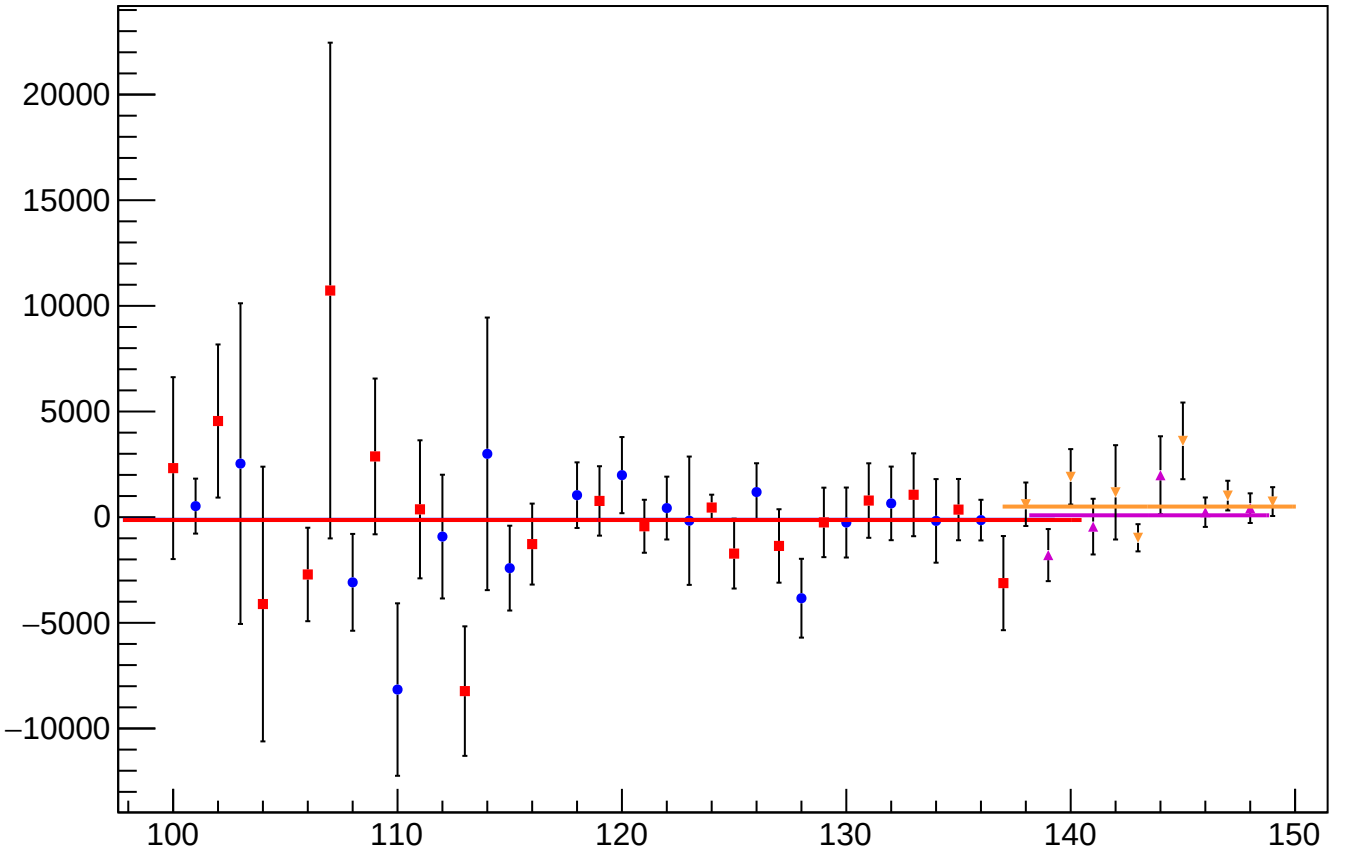
Left: 2493.436+/-0.584 χ^2/NDF: 60462.3/11

Right: 2656.218+/-0.514 χ^2/NDF: 858580.5/35

In: 2533.161+/-0.549 χ^2/NDF:270499.2/21

Out: 2635.945+/-0.542 χ^2/NDF:674595.0/25

All: 2585.176+/-0.386 χ^2/NDF: 962839.9/47



Right In: -124.472+/-430.760 χ^2/NDF: 14.7/16

Left Out: 501.390+/-340.722 χ^2/NDF:10.1/6

Right Out: -135.340+/-379.439 χ^2/NDF: 17.9/18

Left In: 88.152+/-421.873 χ^2/NDF:3.8/4

Left: 338.253+/-265.068 χ^2/NDF: 14.5/11

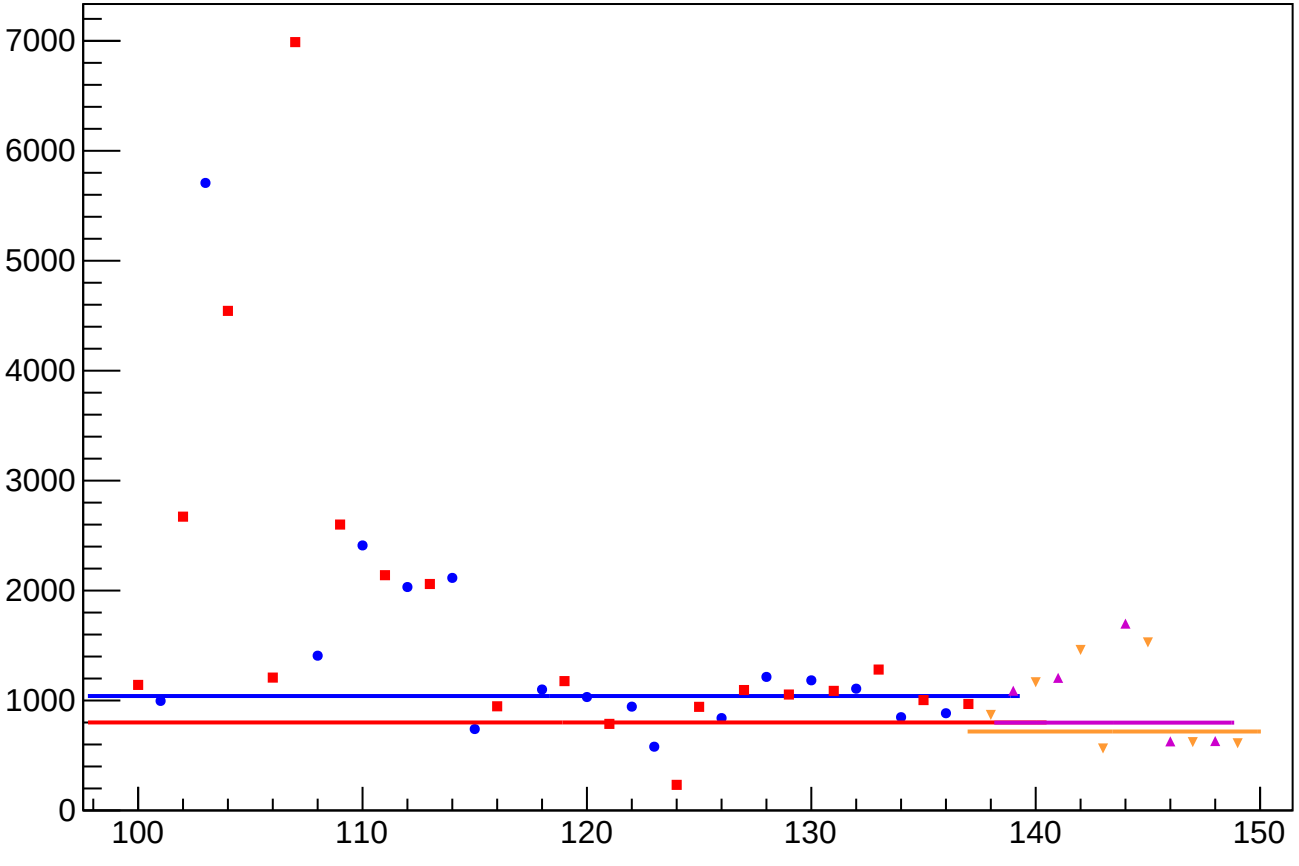
Right: -130.591+/-284.729 χ^2/NDF: 32.6/35

In: -15.944+/-301.402 χ^2/NDF:18.6/21

Out: 217.158+/-253.513 χ^2/NDF:29.6/25

All: 120.575+/-194.010 χ^2/NDF: 48.6/47

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF: 1573034.8/16

Left Out: 718.063+/-0.241 χ^2/NDF:1097883.9/6

Right Out: 800.407+/-0.268 χ^2/NDF: 5187026.8/18

Left In: 798.731+/-0.298 χ^2/NDF:1012400.9/4

Left: 749.909+/-0.187 χ^2/NDF: 2154542.1/11

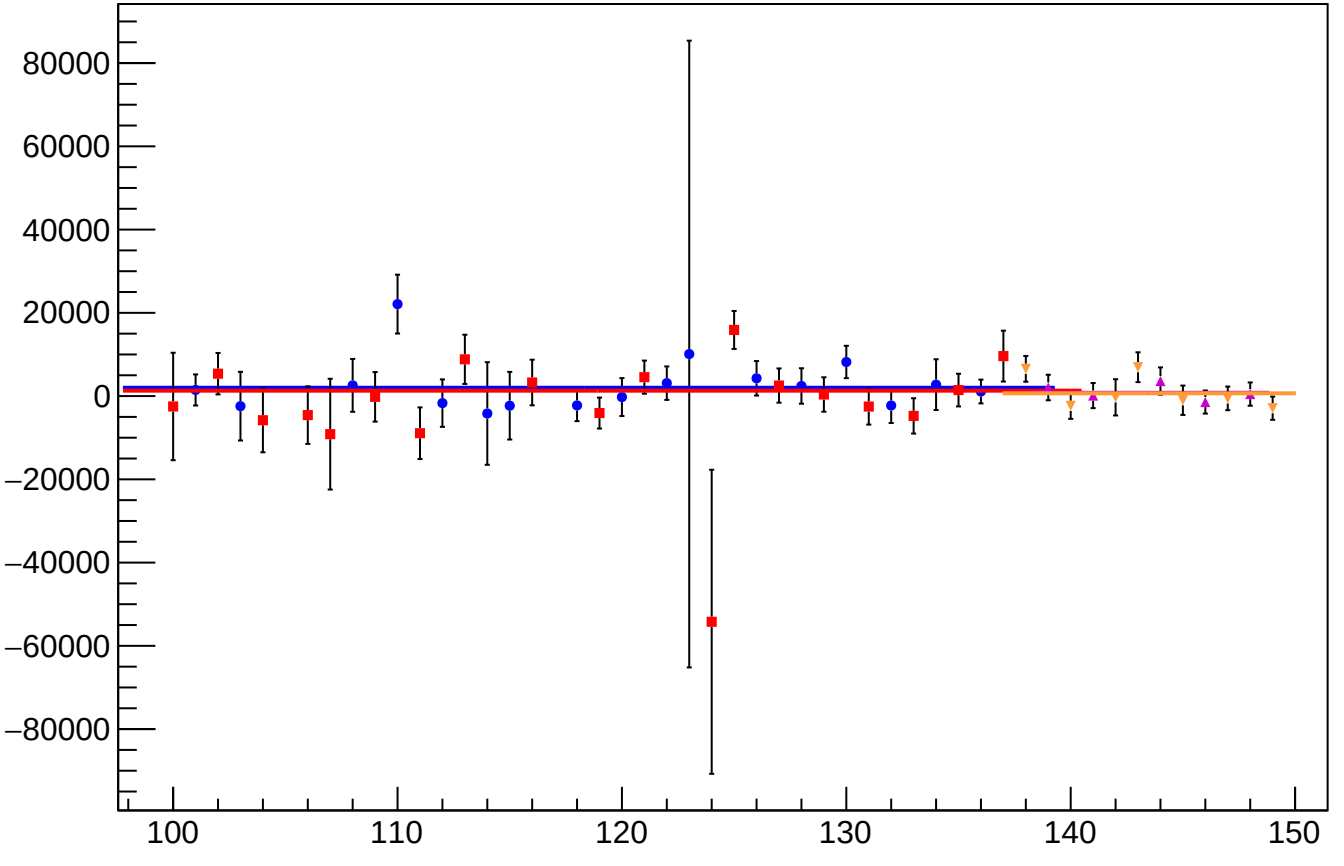
Right: 905.419+/-0.201 χ^2/NDF: 7110681.5/35

In: 917.223+/-0.213 χ^2/NDF:2907708.5/21

Out: 754.821+/-0.179 χ^2/NDF:6337055.9/25

All: 822.110+/-0.137 χ^2/NDF: 9584834.1/47

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF: 14.9/16

Left Out: 670.458+/-1222.015 χ^2/NDF:9.7/6

Right Out: 1304.124+/-1188.654 χ^2/NDF: 27.6/18

Left In: 789.144+/-1329.090 χ^2/NDF:1.6/4

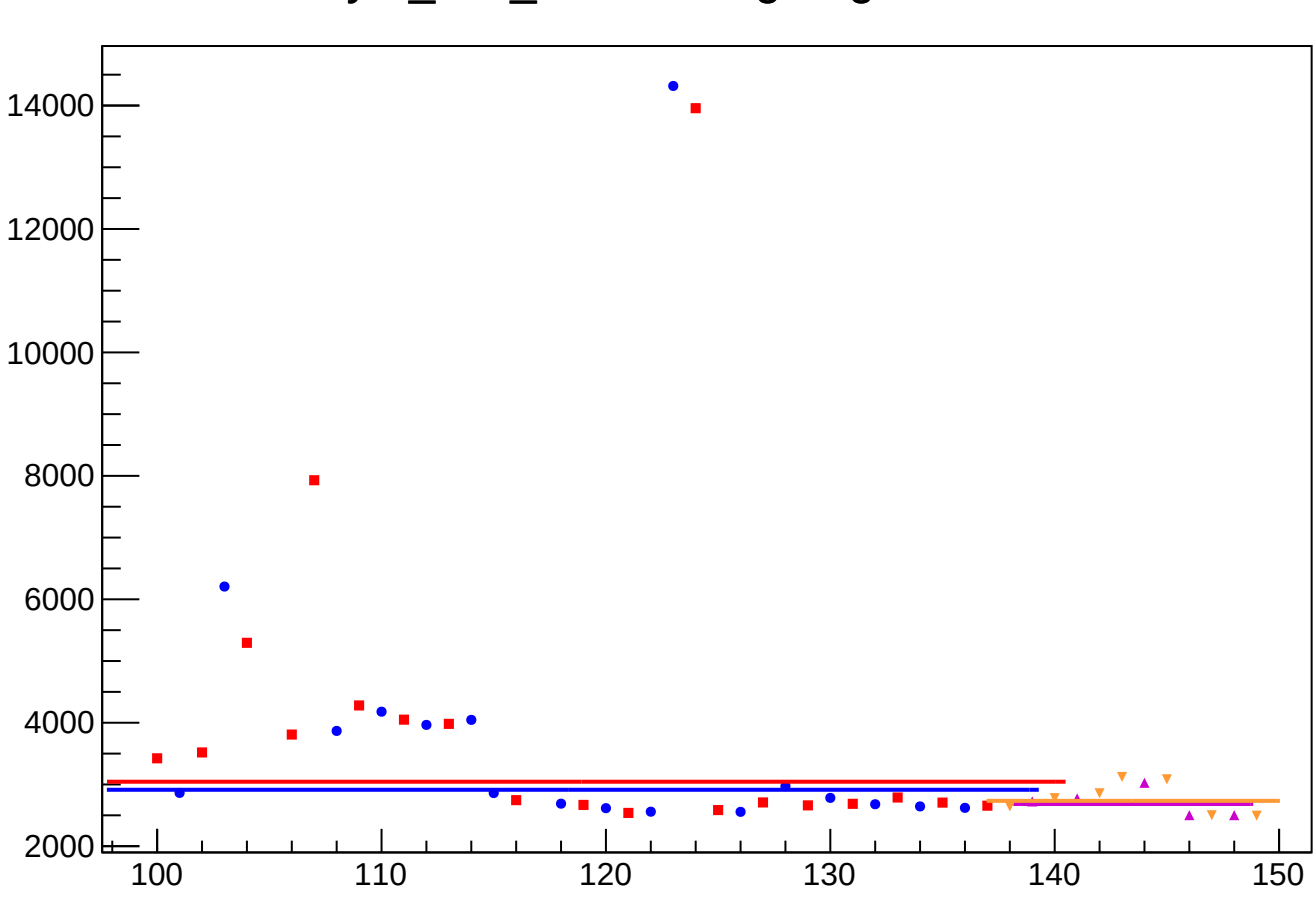
Left: 724.829+/-899.571 χ^2/NDF: 11.3/11

Right: 1660.114+/-828.371 χ^2/NDF: 42.7/35

In: 1476.860+/-871.830 χ^2/NDF:17.0/21

Out: 996.059+/-852.056 χ^2/NDF:37.4/25

All: 1230.945+/-609.365 χ^2/NDF: 54.5/47



Right In: 2913.875+/-0.817 χ^2/NDF: 638984.6/16

Left Out: 2734.280+/-0.864 χ^2/NDF:74899.9/6

Right Out: 3044.474+/-0.841 χ^2/NDF: 1005326.4/18

Left In: 2683.392+/-0.940 χ^2/NDF:40972.2/4

Left: 2710.968+/-0.636 χ^2/NDF: 117460.9/11

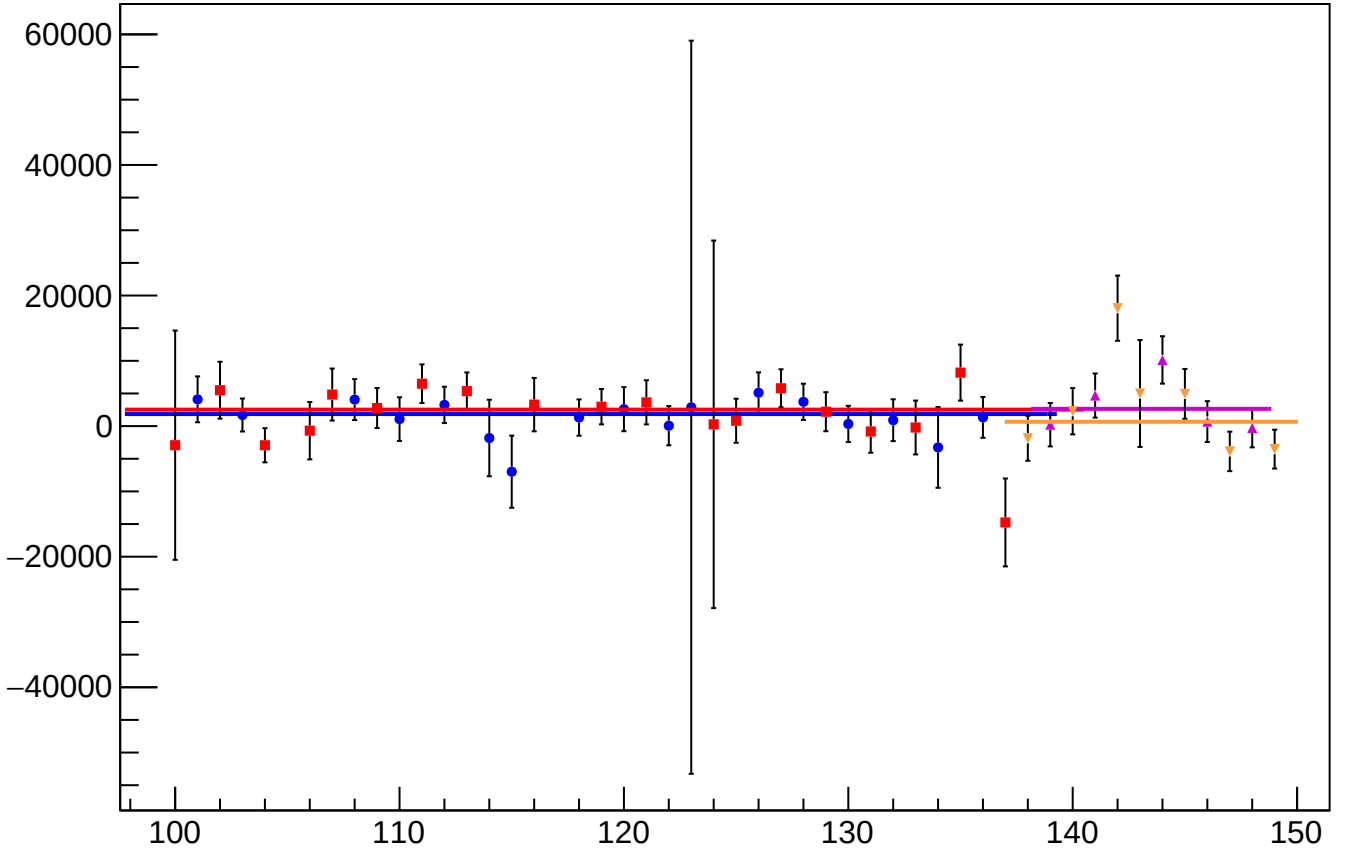
Right: 2977.303+/-0.586 χ^2/NDF: 1656728.7/35

In: 2814.702+/-0.616 χ^2/NDF:714222.4/21

Out: 2893.669+/-0.602 χ^2/NDF:1146442.8/25

All: 2855.091+/-0.431 χ^2/NDF: 1869057.4/47

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF: 7.3/16

Left Out: 663.320+/-1399.981 χ^2/NDF:18.7/6

Right Out: 2523.303+/-818.432 χ^2/NDF: 20.1/18

Left In: 2646.054+/-1460.419 χ^2/NDF:6.5/4

Left: 1612.812+/-1010.627 χ^2/NDF: 26.1/11

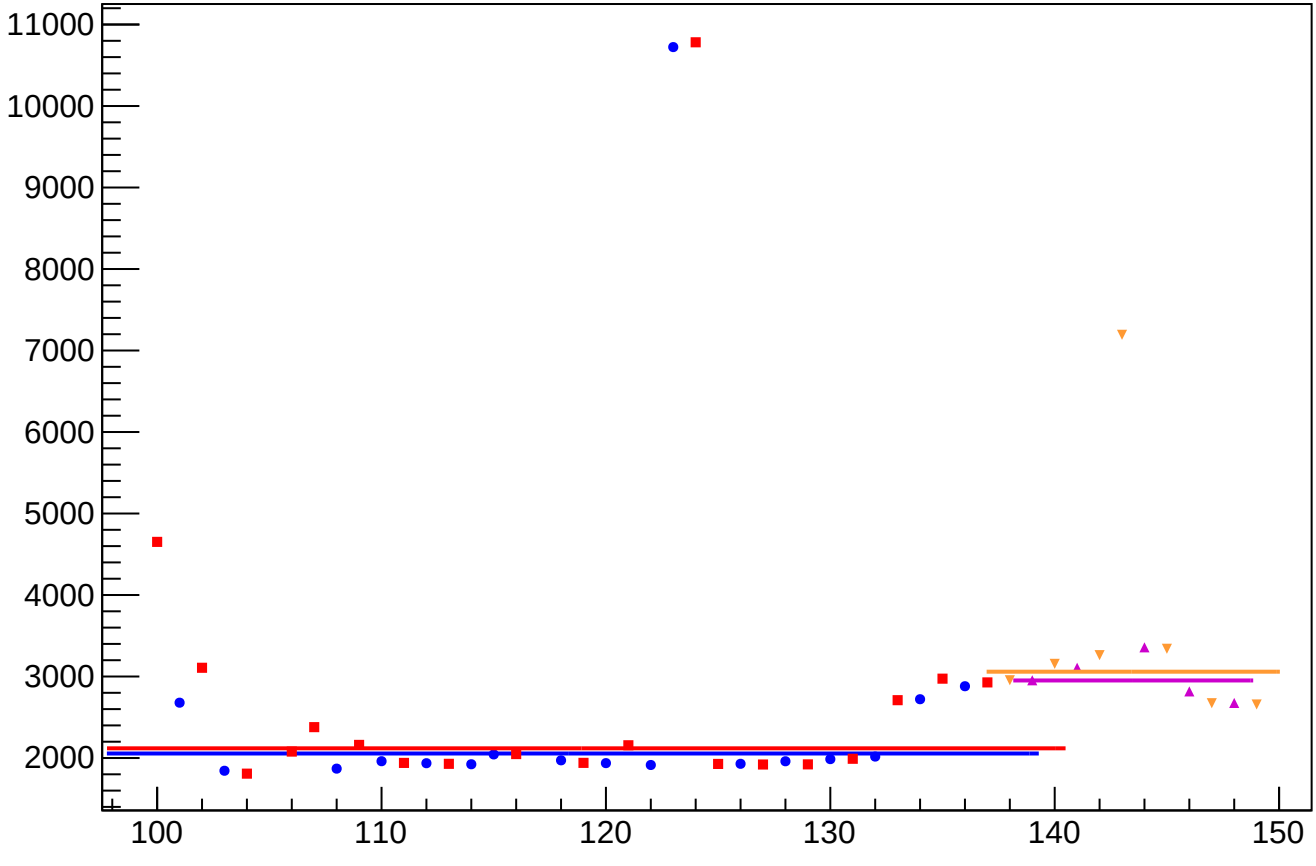
Right: 2181.863+/-574.547 χ^2/NDF: 27.7/35

In: 2036.199+/-706.174 χ^2/NDF:14.0/21

Out: 2049.547+/-706.554 χ^2/NDF:40.1/25

All: 2042.869+/-499.474 χ^2/NDF: 54.1/47

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF: 316383.7/16

Left Out: 3059.132+/-0.990 χ^2/NDF:596799.5/6

Right Out: 2118.803+/-0.578 χ^2/NDF: 573725.8/18

Left In: 2951.500+/-1.033 χ^2/NDF:50230.0/4

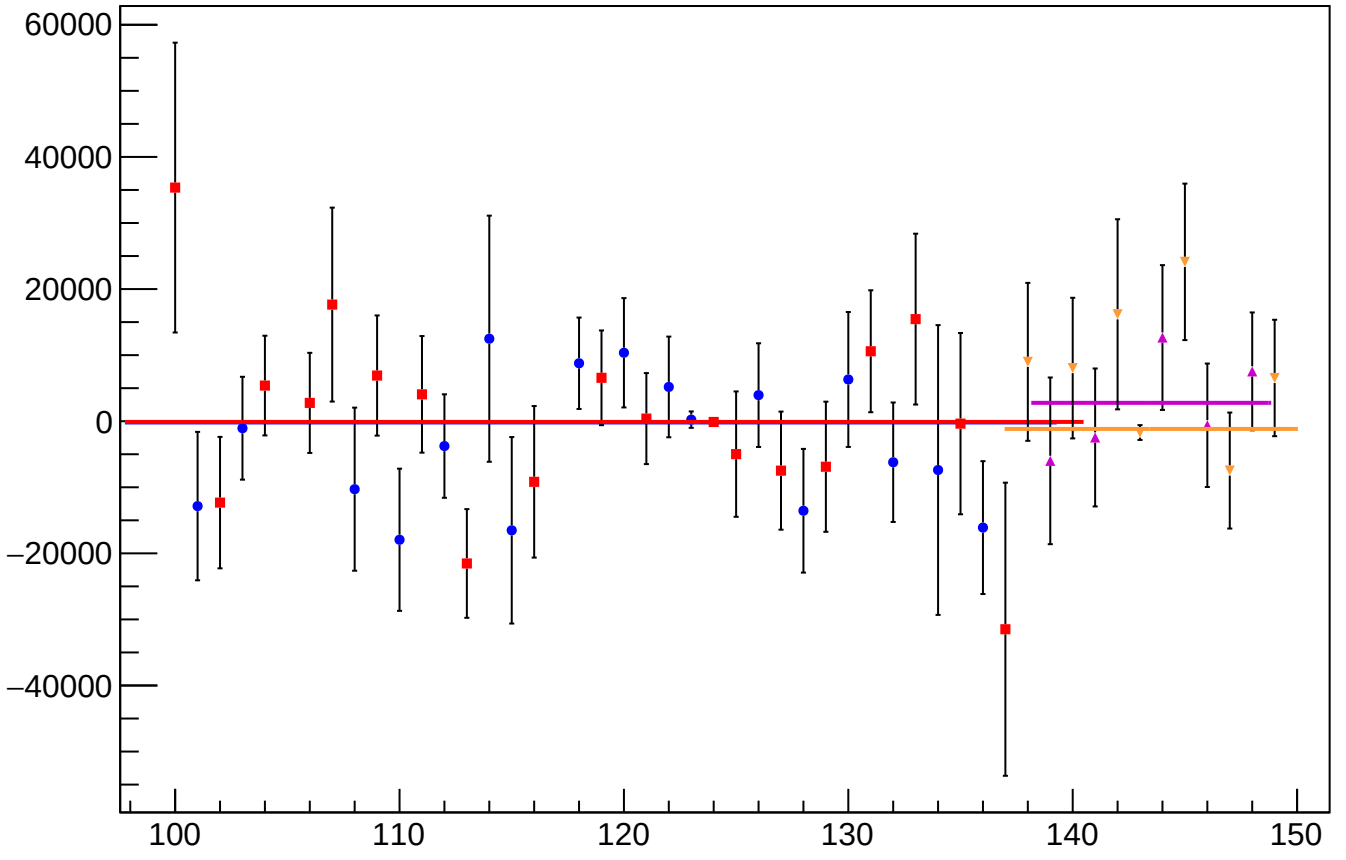
Left: 3007.589+/-0.715 χ^2/NDF: 652690.5/11

Right: 2086.718+/-0.406 χ^2/NDF: 896197.4/35

In: 2264.955+/-0.499 χ^2/NDF:943482.6/21

Out: 2357.779+/-0.499 χ^2/NDF:1843504.1/25

All: 2311.394+/-0.353 χ^2/NDF: 2804274.9/47



Right In: -185.246+/-1100.780 χ^2/NDF: 16.4/16

Left Out: -1166.502+/-1086.172 χ^2/NDF:9.0/6

Right Out: -106.733+/-690.637 χ^2/NDF: 21.6/18

Left In: 2780.011+/-4573.456 χ^2/NDF:2.0/4

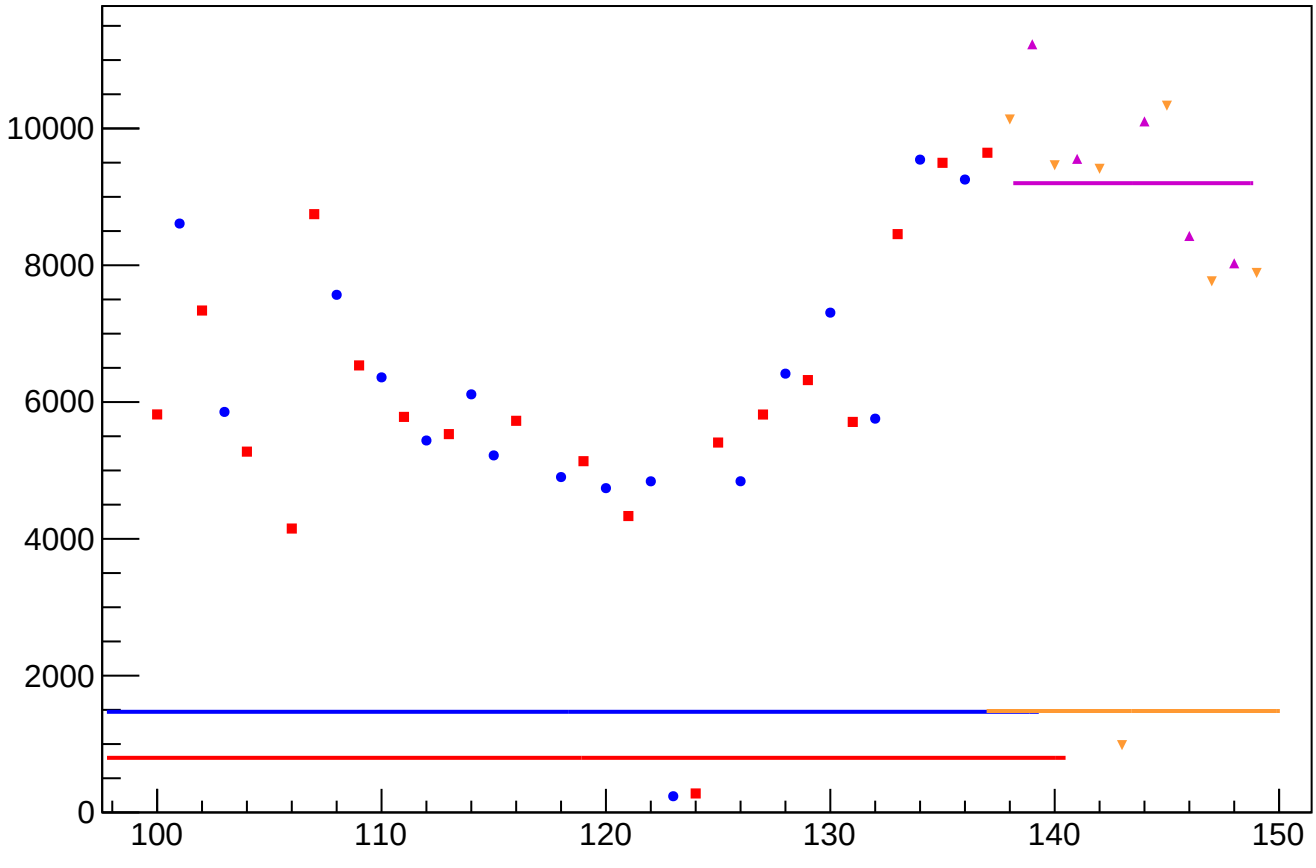
Left: -955.788+/-1056.778 χ^2/NDF: 11.7/11

Right: -128.909+/-585.025 χ^2/NDF: 38.0/35

In: -22.872+/-1070.217 χ^2/NDF:18.7/21

Out: -411.841+/-582.801 χ^2/NDF:31.3/25

All: -322.875+/-511.830 χ^2/NDF: 50.1/47



Right In: 1471.609+/-0.778 χ^2/NDF: 9788255.4/16

Left Out: 1483.293+/-0.768 χ^2/NDF:6372471.9/6

Right Out: 798.642+/-0.488 χ^2/NDF: 11527481.4/18

Left In: 9200.125+/-3.234 χ^2/NDF:115884.2/4

Left: 1895.313+/-0.747 χ^2/NDF: 11878360.3/11

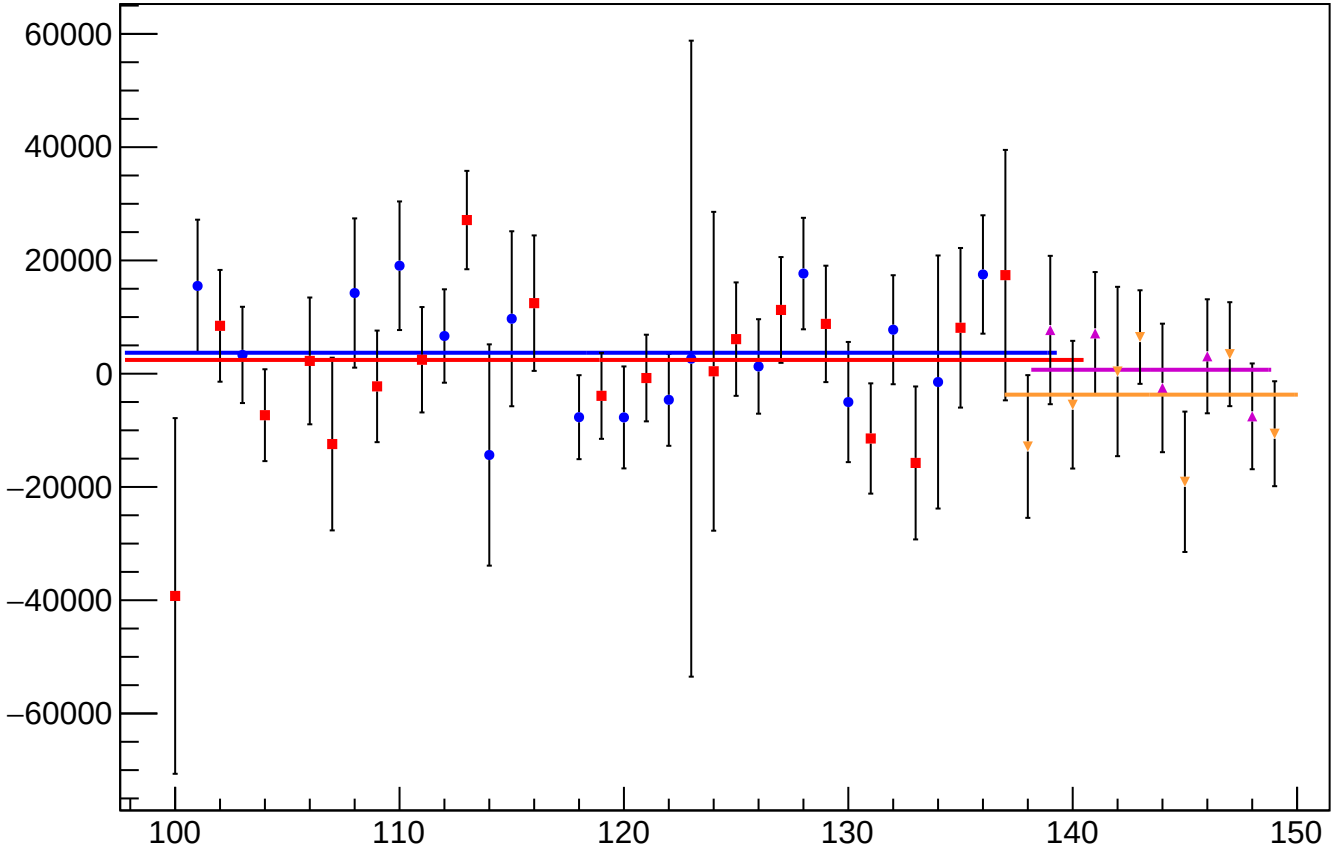
Right: 988.724+/-0.414 χ^2/NDF: 21852108.4/35

In: 1894.813+/-0.757 χ^2/NDF:15302674.2/21

Out: 995.754+/-0.412 χ^2/NDF:18465817.4/25

All: 1201.388+/-0.362 χ^2/NDF: 34857107.9/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF: 14.4/16

Left Out: -3700.289+/-3974.244 χ^2/NDF:4.8/6

Right Out: 2430.229+/-2421.418 χ^2/NDF: 20.3/18

Left In: 694.261+/-4796.861 χ^2/NDF:1.6/4

Left: -1911.573+/-3060.347 χ^2/NDF: 6.9/11

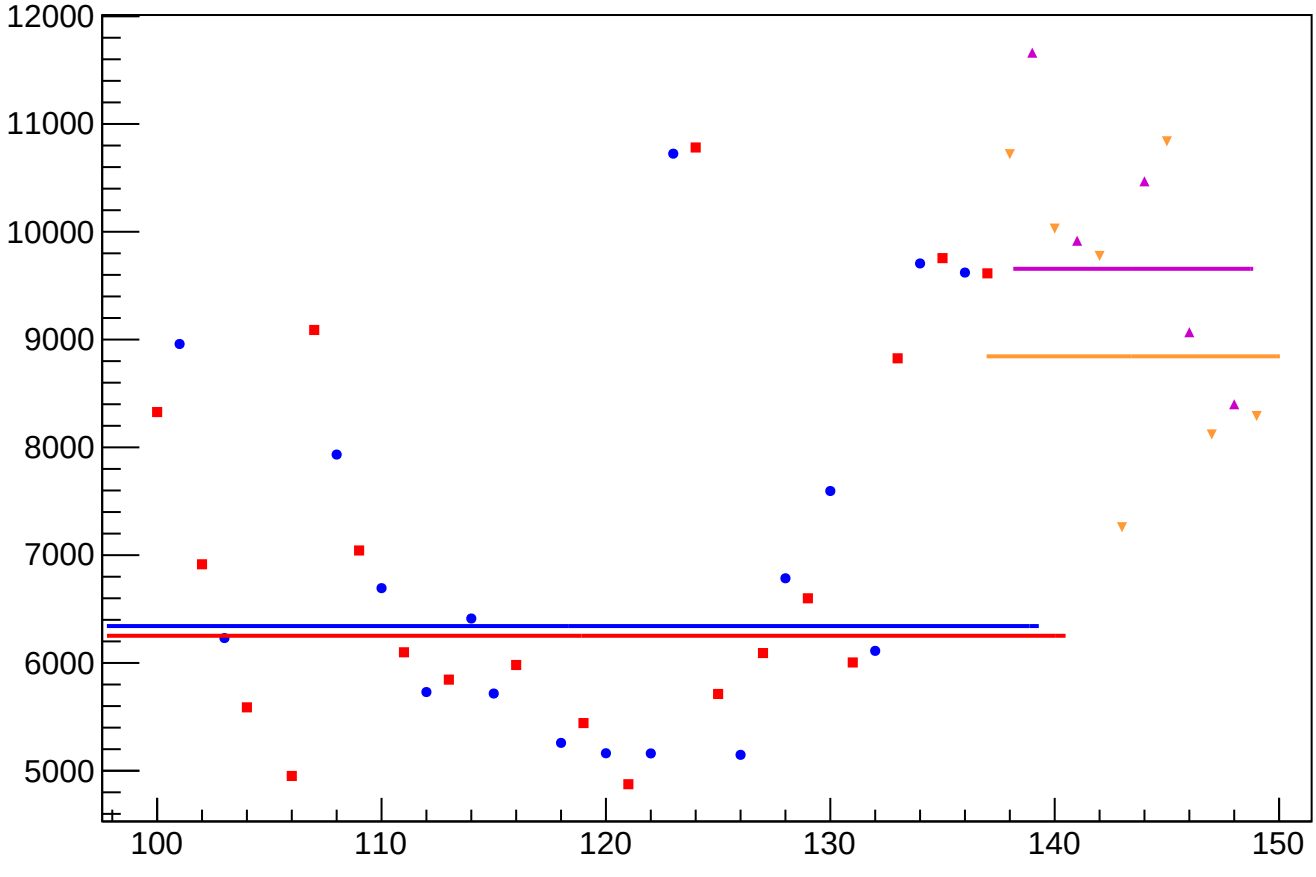
Right: 3039.559+/-1745.330 χ^2/NDF: 34.8/35

In: 3049.488+/-2229.464 χ^2/NDF:16.3/21

Out: 770.563+/-2067.837 χ^2/NDF:26.9/25

All: 1824.433+/-1516.104 χ^2/NDF: 43.7/47

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF: 593668.9/16

Left Out: 8844.548+/-2.810 χ^2/NDF:219182.5/6

Right Out: 6252.137+/-1.712 χ^2/NDF: 538031.2/18

Left In: 9656.403+/-3.392 χ^2/NDF:101292.1/4

Left: 9174.998+/-2.164 χ^2/NDF: 354445.4/11

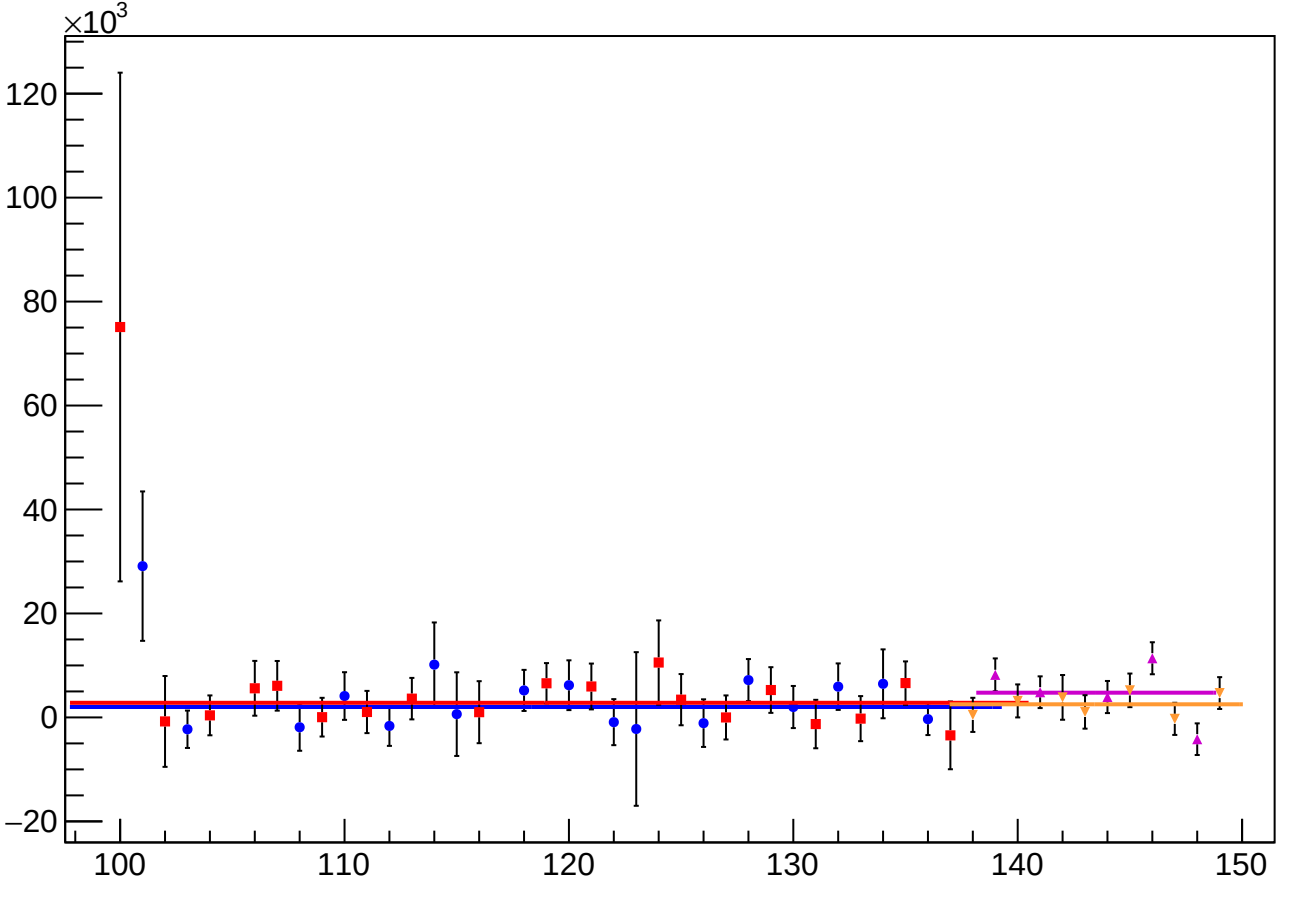
Right: 6295.468+/-1.234 χ^2/NDF: 1133033.3/35

In: 7058.216+/-1.576 χ^2/NDF:1443386.7/21

Out: 6953.913+/-1.462 χ^2/NDF:1377843.1/25

All: 7002.145+/-1.072 χ^2/NDF: 2823583.1/47

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF: 13.7/16

Left Out: 2525.126+/-1240.660 χ^2/NDF:2.7/6

Right Out: 2811.702+/-1086.544 χ^2/NDF: 10.5/18

Left In: 4756.416+/-1379.110 χ^2/NDF:14.5/4

Left: 3523.179+/-922.355 χ^2/NDF: 18.7/11

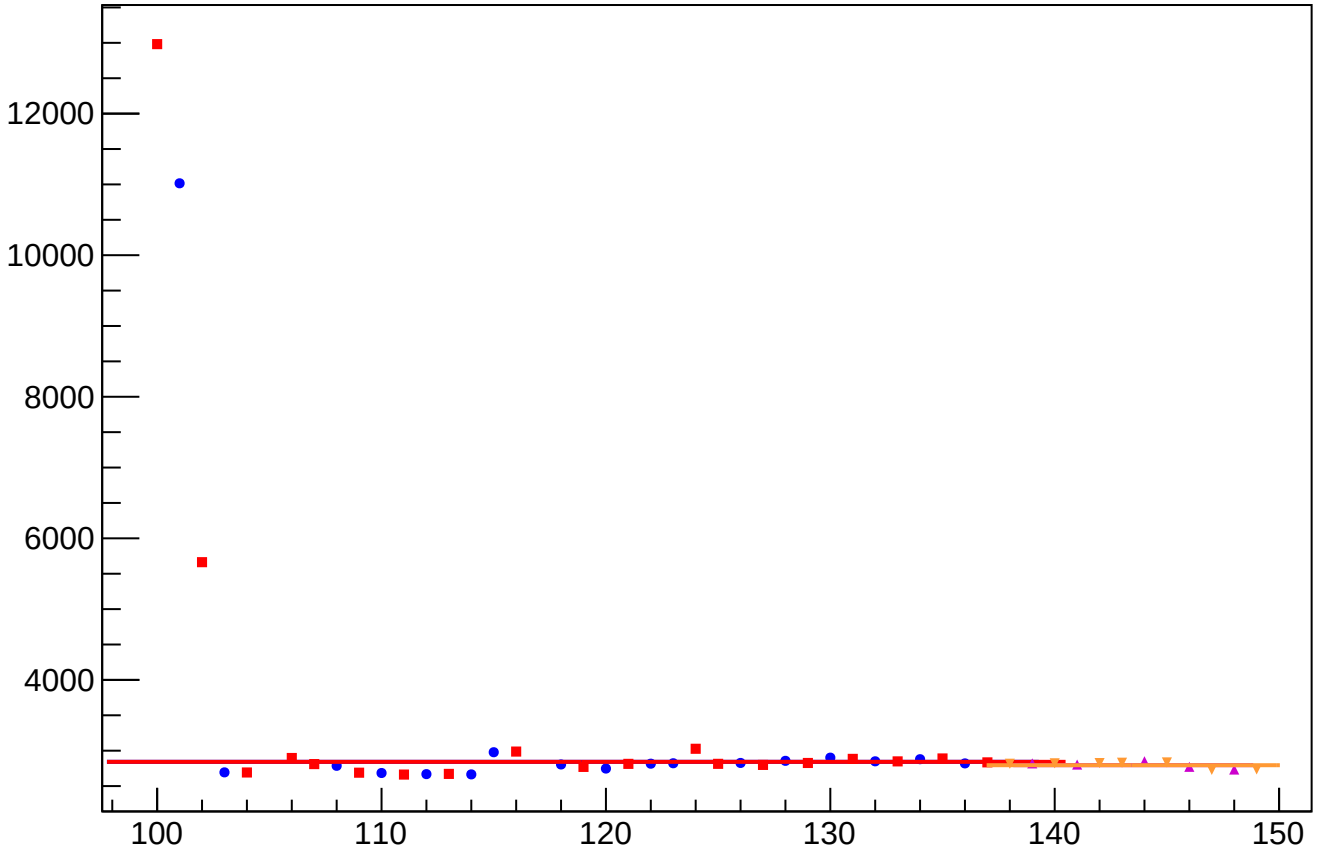
Right: 2422.331+/-781.689 χ^2/NDF: 24.5/35

In: 3104.608+/-871.944 χ^2/NDF:30.6/21

Out: 2687.309+/-817.392 χ^2/NDF:13.3/25

All: 2882.497+/-596.337 χ^2/NDF: 44.0/47

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF: 660305.1/16

Left Out: 2794.853+/-0.877 χ^2/NDF:2557.2/6

Right Out: 2842.440+/-0.768 χ^2/NDF: 312335.6/18

Left In: 2795.807+/-0.975 χ^2/NDF:1725.5/4

Left: 2795.280+/-0.652 χ^2/NDF: 4283.2/11

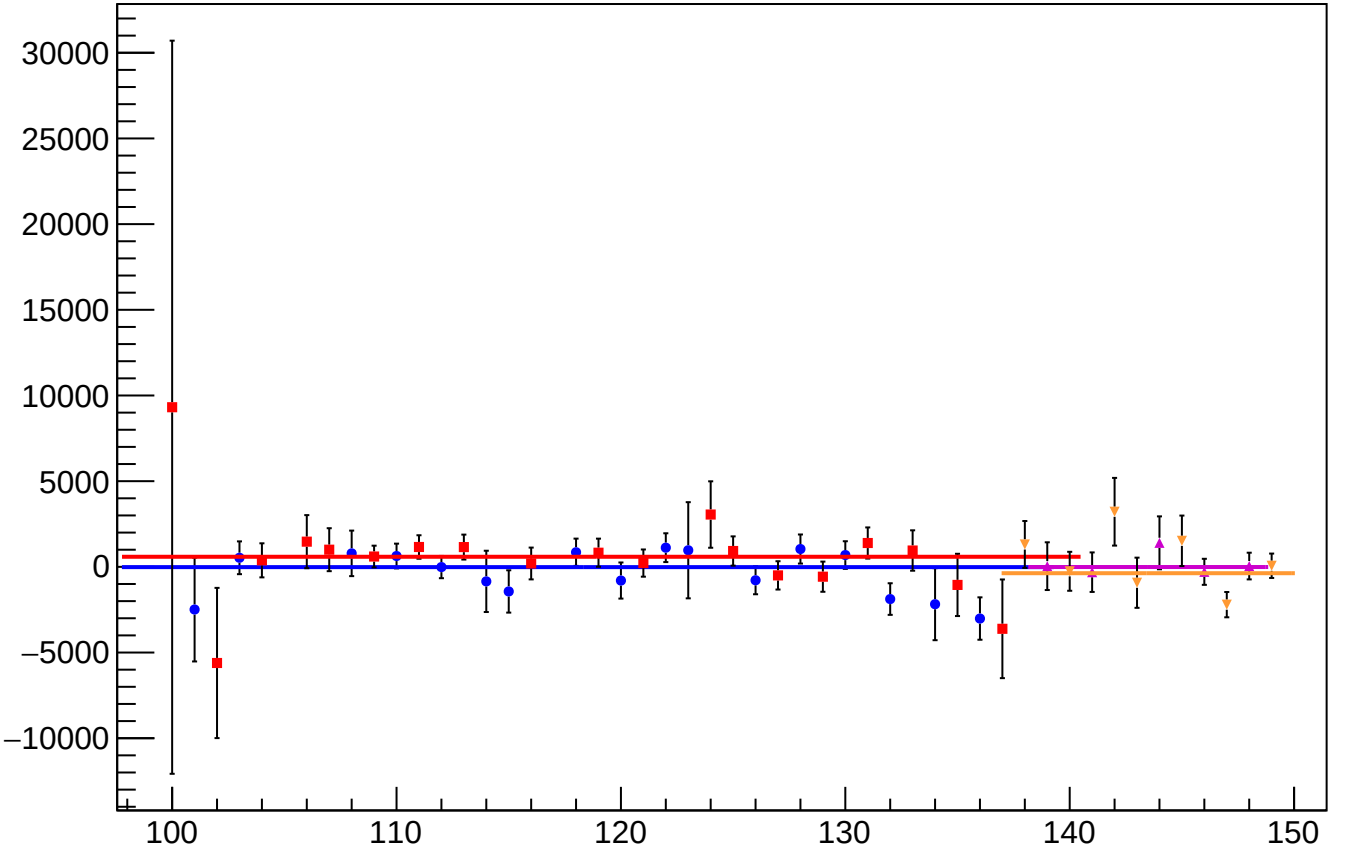
Right: 2842.531+/-0.553 χ^2/NDF: 972640.7/35

In: 2823.912+/-0.617 χ^2/NDF:663414.3/21

Out: 2821.784+/-0.578 χ^2/NDF:316558.0/25

All: 2822.780+/-0.422 χ^2/NDF: 979978.6/47

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631+/-238.862 χ^2/NDF: 21.6/16

Left Out: -370.585+/-398.310 χ^2/NDF:13.2/6

Right Out: 588.581+/-225.799 χ^2/NDF: 13.5/18

Left In: -9.670+/-444.201 χ^2/NDF:1.0/4

Left: -209.729+/-296.549 χ^2/NDF: 14.6/11

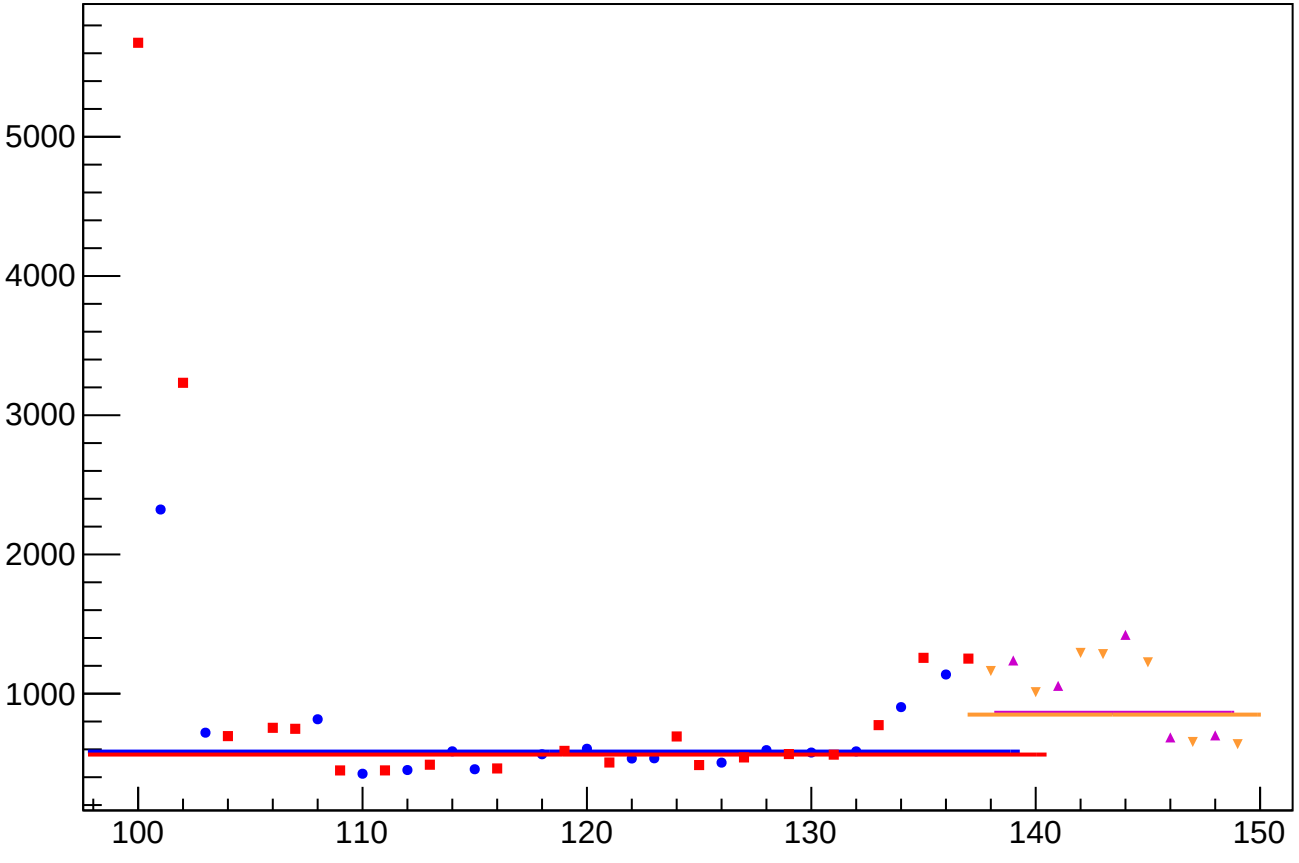
Right: 303.449+/-164.088 χ^2/NDF: 38.5/35

In: -14.294+/-210.375 χ^2/NDF:22.7/21

Out: 355.305+/-196.431 χ^2/NDF:31.0/25

All: 183.160+/-143.574 χ^2/NDF: 55.3/47

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF: 1436613.4/16

Left Out: 849.654+/-0.282 χ^2/NDF:871817.0/6

Right Out: 562.692+/-0.160 χ^2/NDF: 1639562.8/18

Left In: 862.804+/-0.314 χ^2/NDF:660360.4/4

Left: 855.515+/-0.210 χ^2/NDF: 1533149.1/11

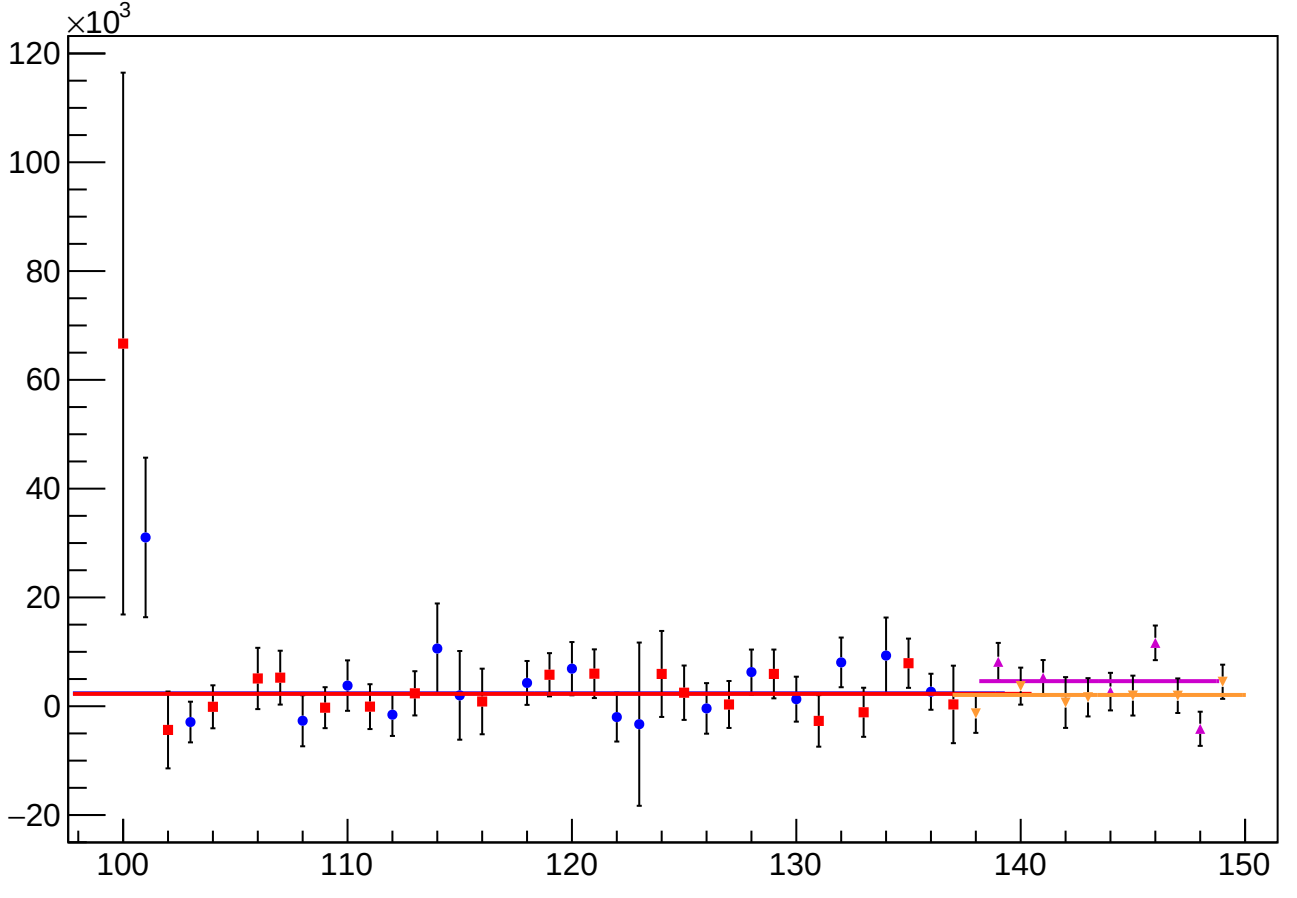
Right: 572.773+/-0.116 χ^2/NDF: 3084624.9/35

In: 646.578+/-0.149 χ^2/NDF:2707902.7/21

Out: 632.483+/-0.139 χ^2/NDF:3297001.0/25

All: 639.048+/-0.102 χ^2/NDF: 6009700.4/47

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF: 15.1/16

Left Out: 2073.991+/-1329.343 χ^2/NDF:1.8/6

Right Out: 2277.507+/-1111.658 χ^2/NDF: 10.2/18

Left In: 4612.264+/-1472.483 χ^2/NDF:14.1/4

Left: 3213.789+/-986.723 χ^2/NDF: 17.5/11

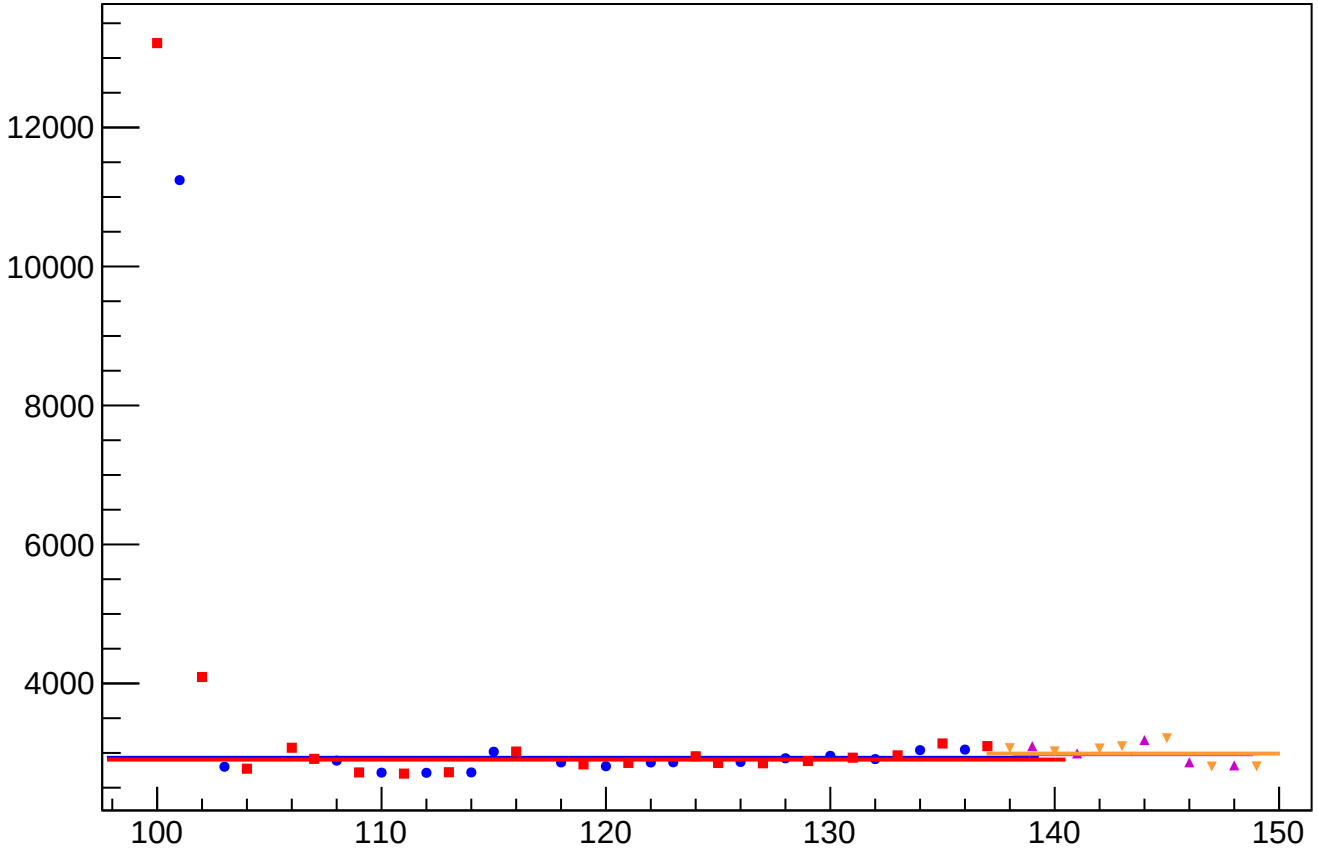
Right: 2318.341+/-802.588 χ^2/NDF: 25.3/35

In: 3224.171+/-911.184 χ^2/NDF:30.6/21

Out: 2193.755+/-852.776 χ^2/NDF:12.1/25

All: 2674.882+/-622.629 χ^2/NDF: 43.3/47

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF: 662629.0/16

Left Out: 2990.416+/-0.940 χ^2/NDF:24458.1/6

Right Out: 2904.570+/-0.786 χ^2/NDF: 169288.7/18

Left In: 2981.999+/-1.041 χ^2/NDF:17153.0/4

Left: 2986.636+/-0.698 χ^2/NDF: 41647.0/11

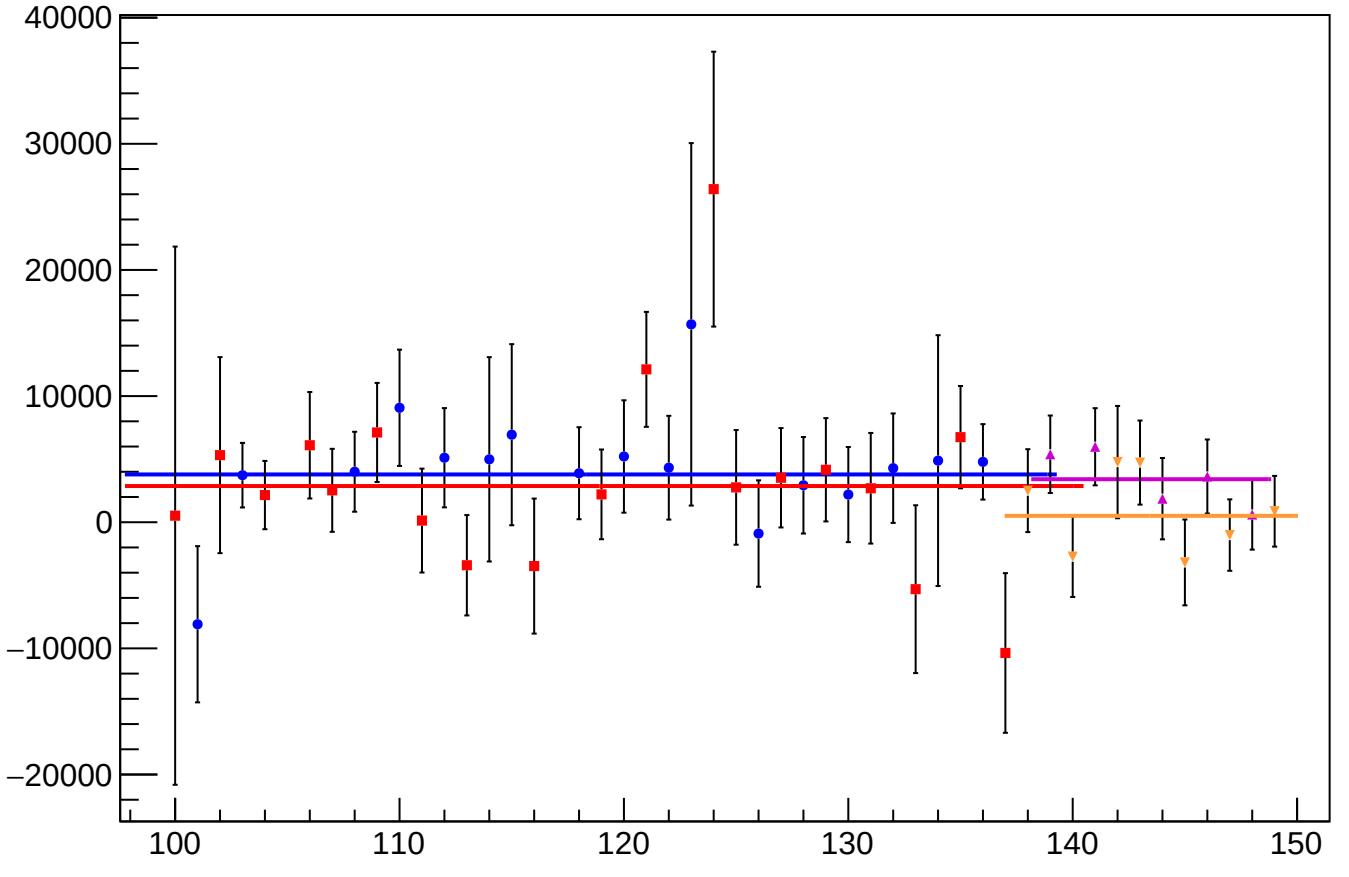
Right: 2916.579+/-0.568 χ^2/NDF: 832405.2/35

In: 2949.698+/-0.644 χ^2/NDF:681341.7/21

Out: 2939.898+/-0.603 χ^2/NDF:198655.0/25

All: 2944.474+/-0.440 χ^2/NDF: 880120.0/47

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF: 7.7/16

Left Out: 507.379+/-1222.500 χ^2/NDF:5.4/6

Right Out: 2869.484+/-1002.967 χ^2/NDF: 22.0/18

Left In: 3410.489+/-1343.474 χ^2/NDF:2.4/4

Left: 1822.369+/-904.188 χ^2/NDF: 10.3/11

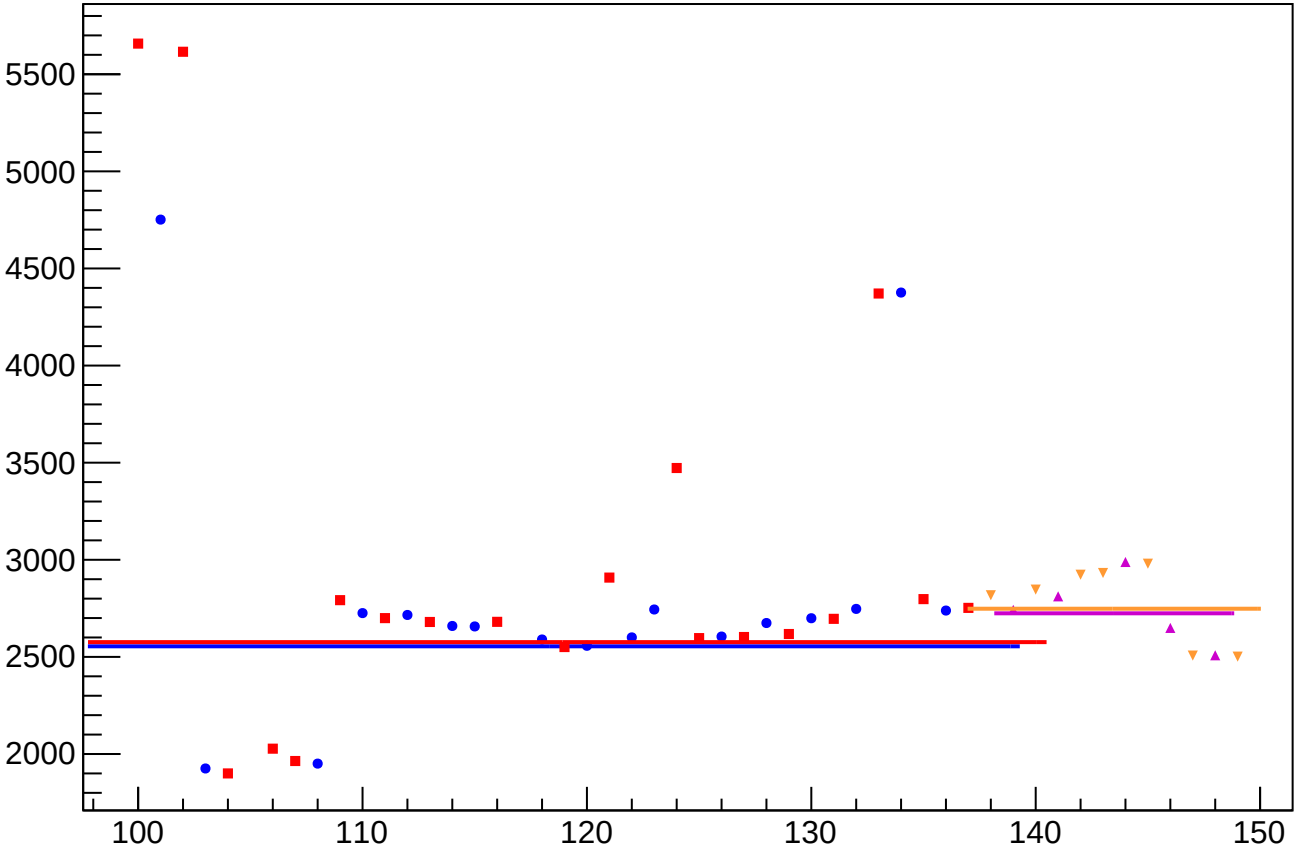
Right: 3326.309+/-711.019 χ^2/NDF: 30.2/35

In: 3651.905+/-806.347 χ^2/NDF:10.1/21

Out: 1919.198+/-775.401 χ^2/NDF:29.7/25

All: 2751.664+/-558.912 χ^2/NDF: 42.2/47

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF: 536626.0/16

Left Out: 2748.065+/-0.864 χ^2/NDF:51260.9/6

Right Out: 2576.077+/-0.709 χ^2/NDF: 765156.6/18

Left In: 2724.425+/-0.950 χ^2/NDF:28488.5/4

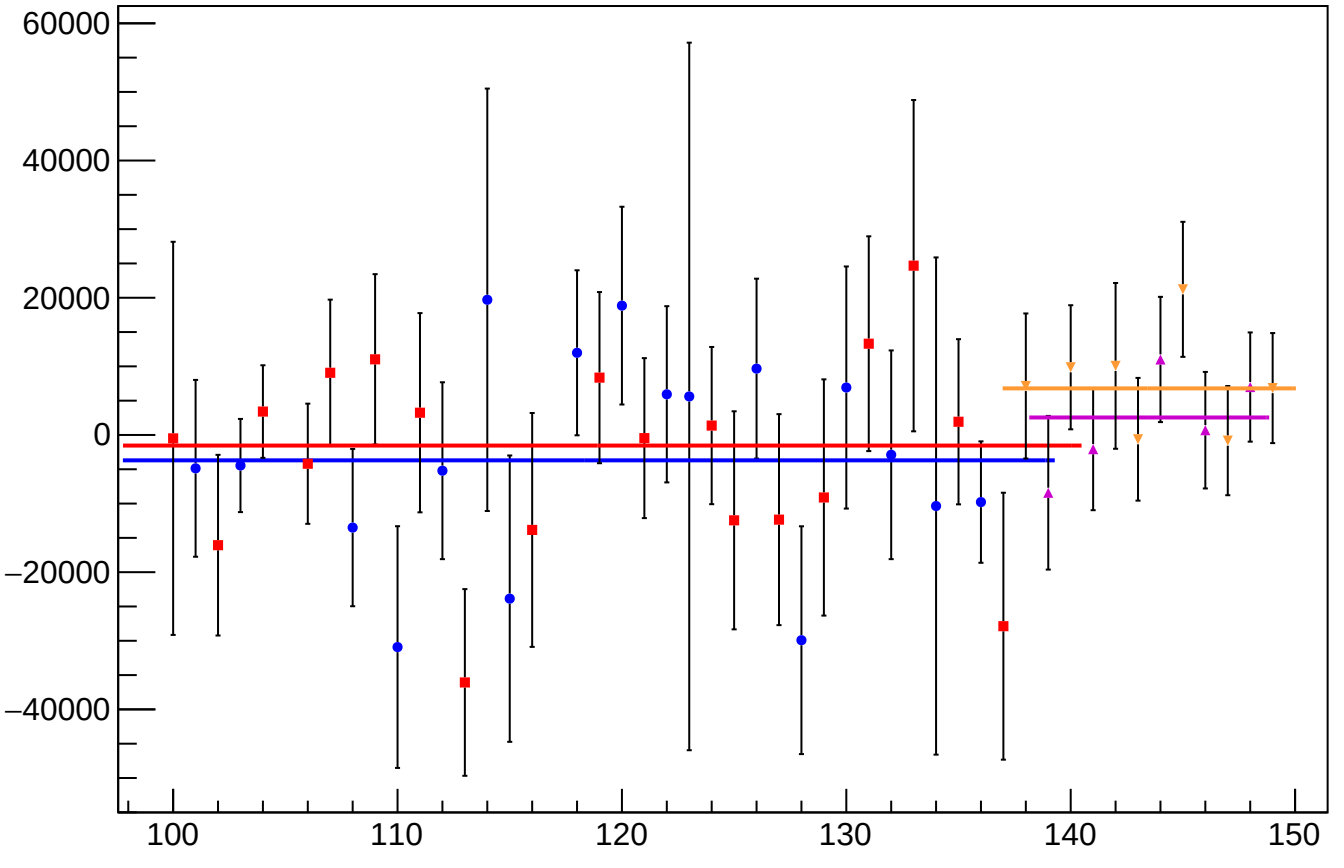
Left: 2737.357+/-0.639 χ^2/NDF: 80088.2/11

Right: 2565.366+/-0.503 χ^2/NDF: 1302241.7/35

In: 2615.736+/-0.570 χ^2/NDF:585575.1/21

Out: 2645.235+/-0.548 χ^2/NDF:840084.9/25

All: 2631.066+/-0.395 χ^2/NDF: 1427051.0/47



Right In: -3699.522+/-3217.843 χ^2/NDF: 13.8/16

Left Out: 6789.737+/-3488.141 χ^2/NDF:3.9/6

Right Out: -1544.858+/-2896.847 χ^2/NDF: 16.8/18

Left In: 2549.184+/-4007.969 χ^2/NDF:2.4/4

Left: 4962.120+/-2631.211 χ^2/NDF: 7.0/11

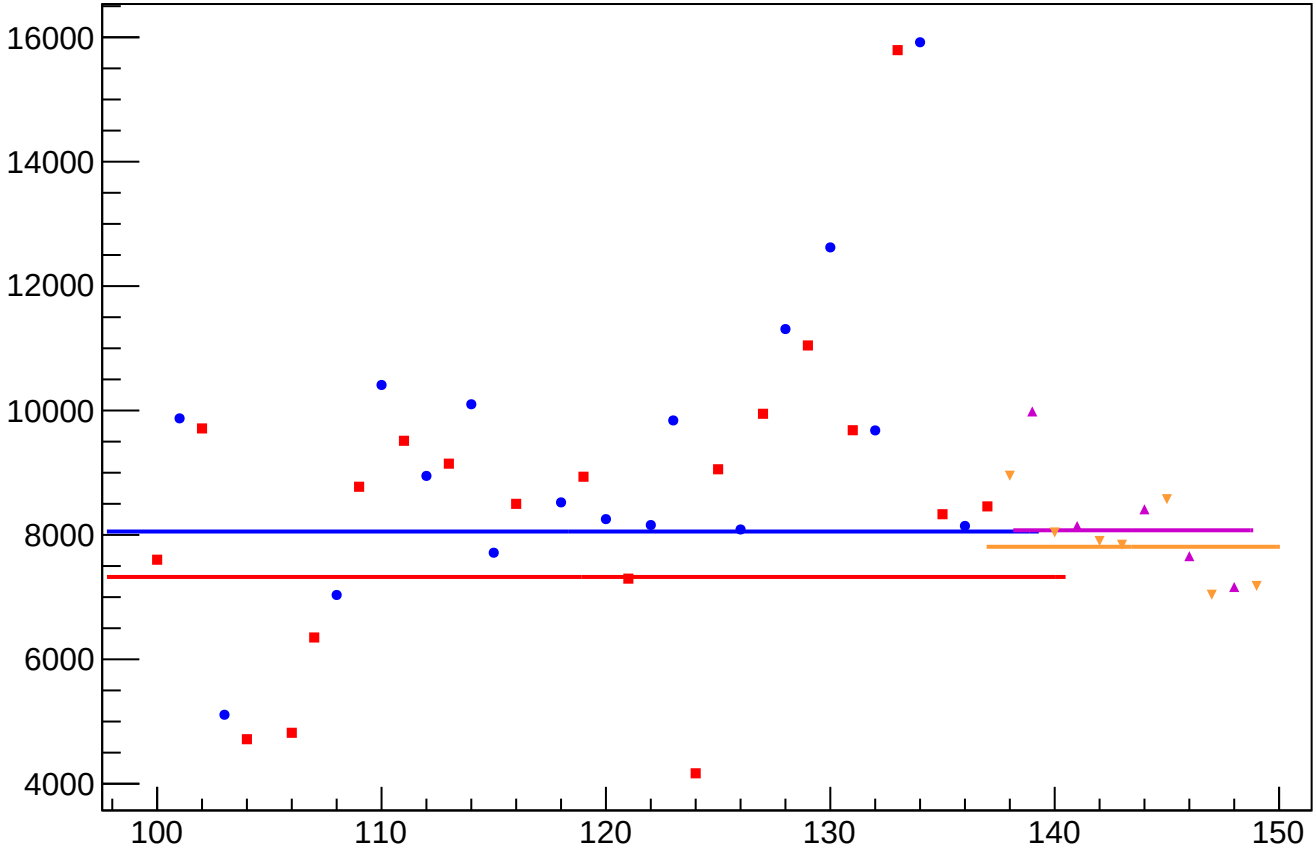
Right: -2509.390+/-2152.947 χ^2/NDF: 30.8/35

In: -1250.377+/-2509.208 χ^2/NDF:17.7/21

Out: 1857.162+/-2228.539 χ^2/NDF:24.1/25

All: 486.842+/-1666.246 χ^2/NDF: 42.7/47

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF: 820763.4/16

Left Out: 7809.461+/-2.466 χ^2/NDF:67979.3/6

Right Out: 7324.291+/-2.048 χ^2/NDF: 1336145.7/18

Left In: 8074.517+/-2.834 χ^2/NDF:92089.1/4

Left: 7923.696+/-1.861 χ^2/NDF: 165045.5/11

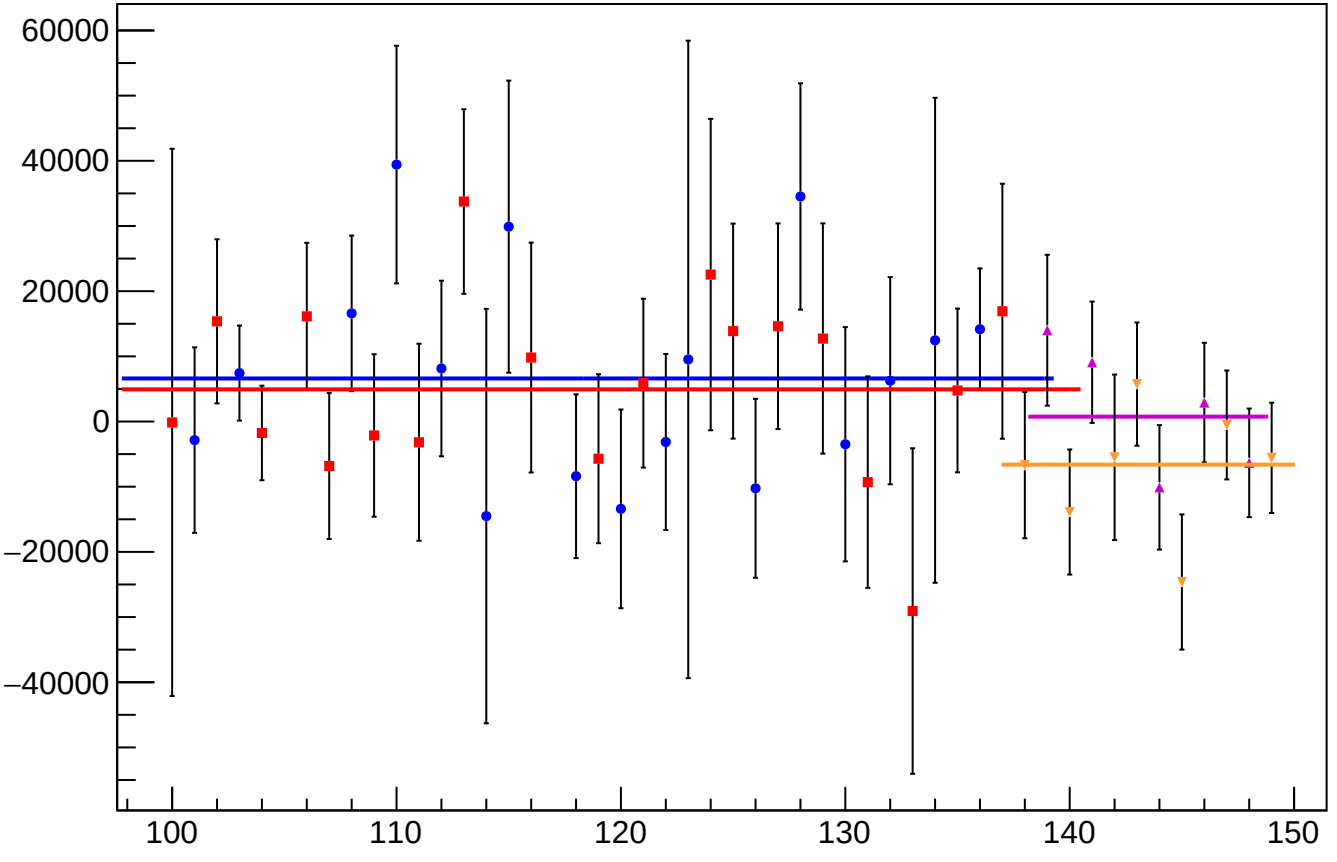
Right: 7651.290+/-1.522 χ^2/NDF: 2213838.0/35

In: 8062.511+/-1.774 χ^2/NDF:912882.0/21

Out: 7522.328+/-1.576 χ^2/NDF:1427024.0/25

All: 7760.531+/-1.178 χ^2/NDF: 2391723.5/47

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF: 14.7/16

Left Out: -6614.785+/-3681.201 χ^2/NDF:5.8/6

Right Out: 4938.727+/-3167.808 χ^2/NDF: 13.6/18

Left In: 746.100+/-4215.923 χ^2/NDF:4.2/4

Left: -3430.480+/-2772.905 χ^2/NDF: 11.8/11

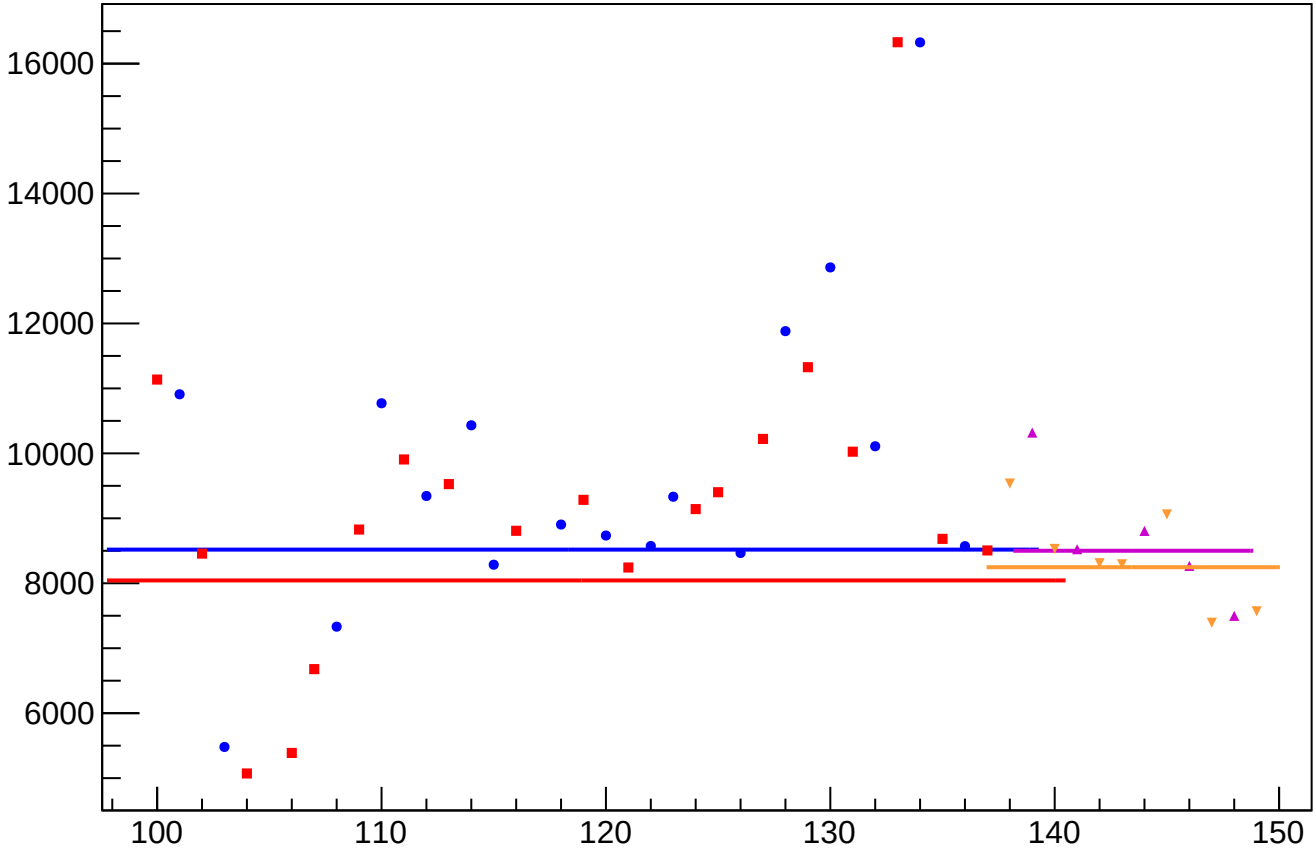
Right: 5715.122+/-2316.410 χ^2/NDF: 28.4/35

In: 4300.930+/-2644.635 χ^2/NDF:20.1/21

Out: 23.170+/-2401.148 χ^2/NDF:25.1/25

All: 1956.105+/-1777.731 χ^2/NDF: 46.6/47

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF: 771995.0/16

Left Out: 8247.539+/-2.603 χ^2/NDF:74315.4/6

Right Out: 8043.754+/-2.240 χ^2/NDF: 953572.9/18

Left In: 8500.510+/-2.981 χ^2/NDF:81735.3/4

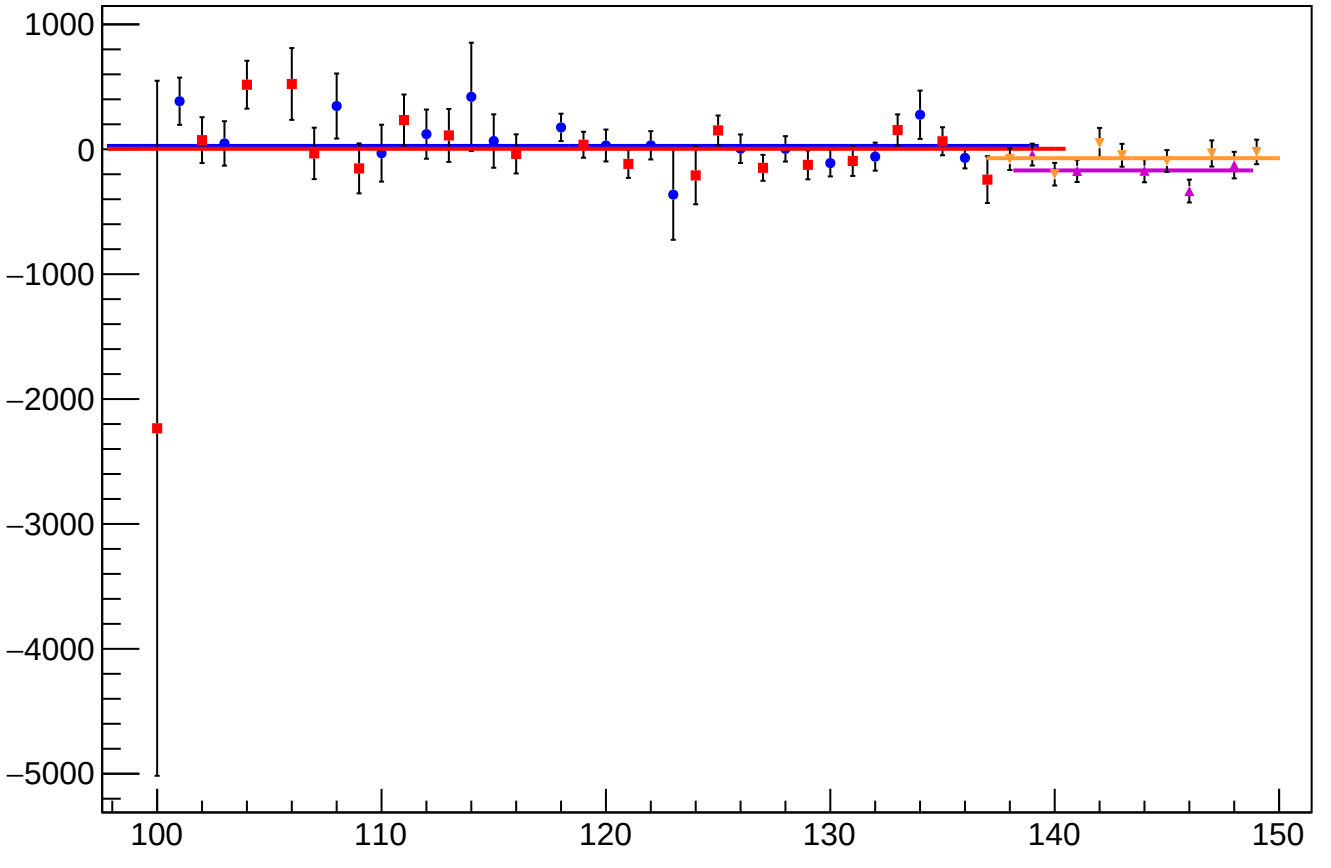
Left: 8356.973+/-1.961 χ^2/NDF: 160136.6/11

Right: 8264.537+/-1.638 χ^2/NDF: 1746449.5/35

In: 8511.283+/-1.870 χ^2/NDF:853751.9/21

Out: 8130.452+/-1.698 χ^2/NDF:1031409.9/25

All: 8302.529+/-1.257 χ^2/NDF: 1907895.2/47



Right In: 26.713+/-33.626 χ^2/NDF: 14.5/16

Left Out: -71.407+/-36.187 χ^2/NDF:3.5/6

Right Out: 4.007+/-33.839 χ^2/NDF: 24.6/18

Left In: -169.475+/-41.451 χ^2/NDF:5.5/4

Left: -113.822+/-27.261 χ^2/NDF: 12.2/11

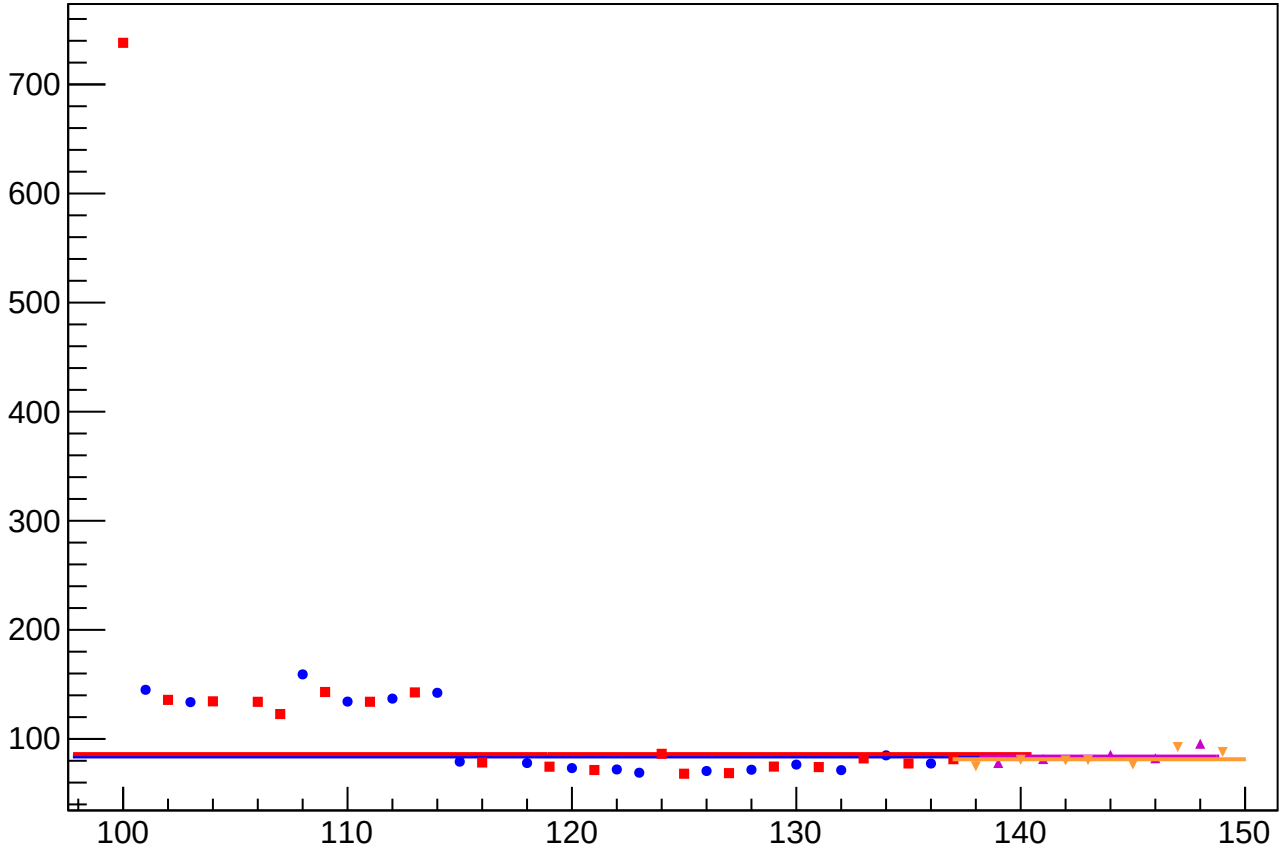
Right: 15.432+/-23.852 χ^2/NDF: 39.3/35

In: -51.153+/-26.114 χ^2/NDF:33.6/21

Out: -31.174+/-24.716 χ^2/NDF:30.4/25

All: -40.615+/-17.951 χ^2/NDF: 64.2/47

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF: 960253.6/16

Left Out: 81.385+/-0.026 χ^2/NDF:49404.2/6

Right Out: 86.109+/-0.024 χ^2/NDF: 1136227.7/18

Left In: 83.842+/-0.029 χ^2/NDF:35961.4/4

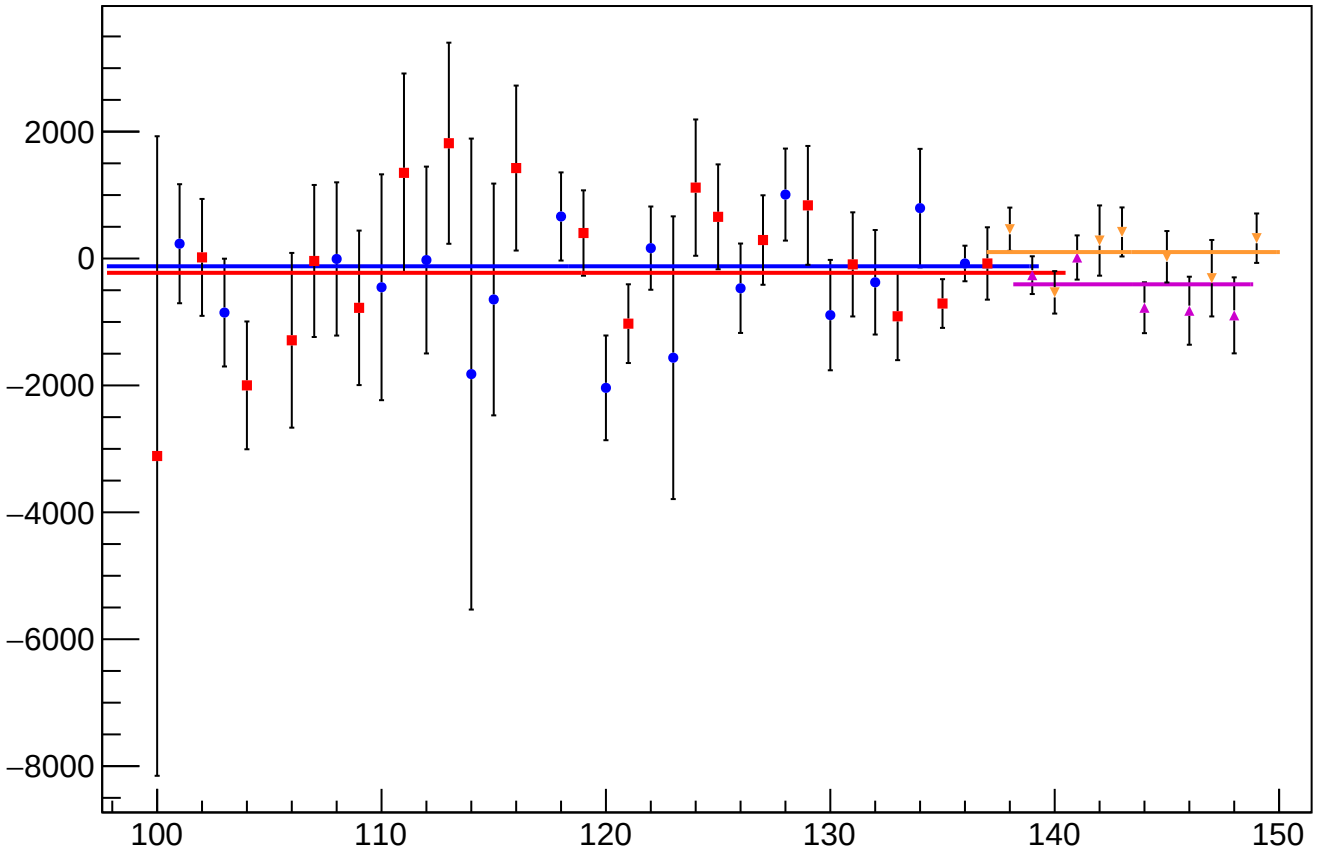
Left: 82.448+/-0.019 χ^2/NDF: 89355.0/11

Right: 85.028+/-0.017 χ^2/NDF: 2100535.6/35

In: 83.914+/-0.018 χ^2/NDF:996224.8/21

Out: 83.905+/-0.017 χ^2/NDF:1203813.6/25

All: 83.909+/-0.013 χ^2/NDF: 2200038.6/47



Right In: -122.410+/-179.587 χ^2/NDF: 13.0/16

Left Out: 101.637+/-152.626 χ^2/NDF:6.3/6

Right Out: -225.420+/-184.973 χ^2/NDF: 18.3/18

Left In: -406.555+/-176.694 χ^2/NDF:3.8/4

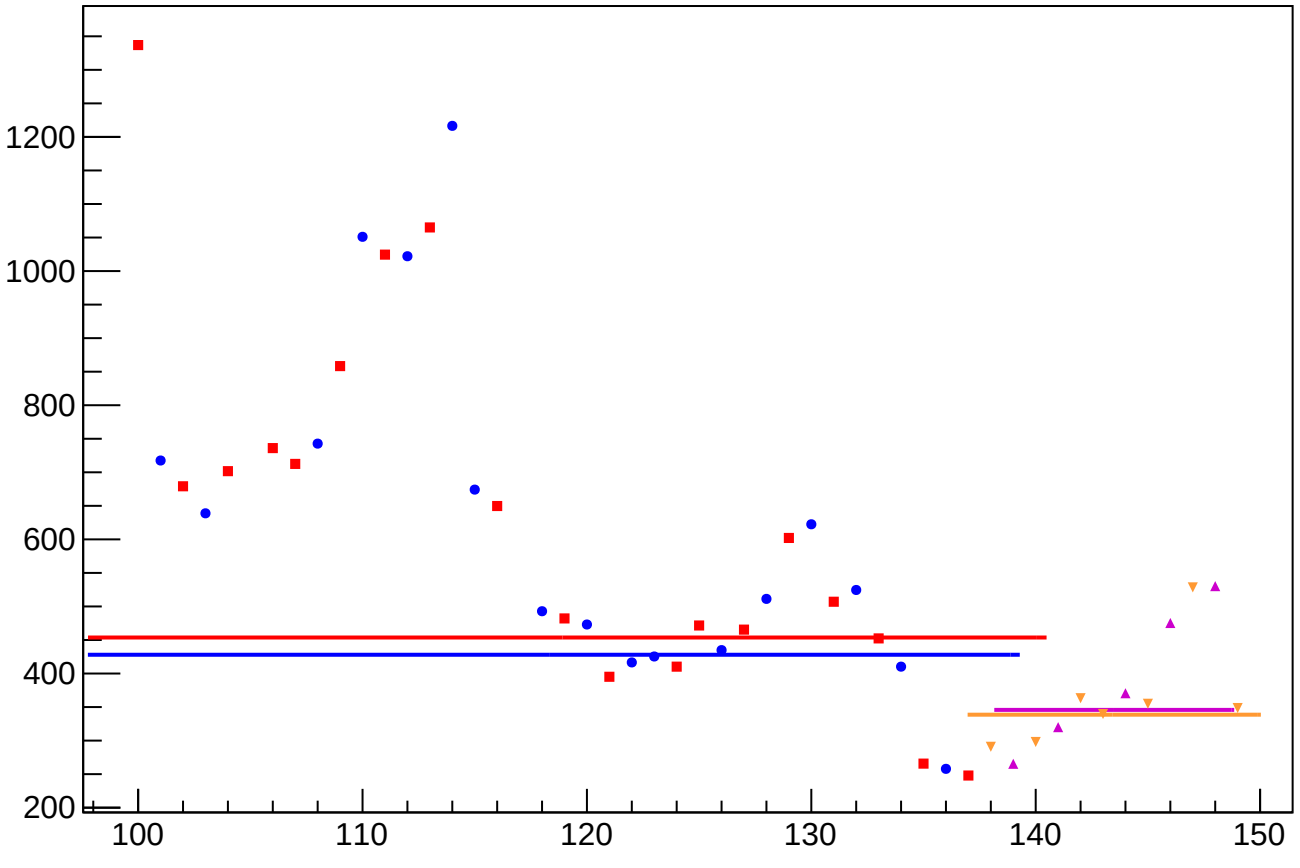
Left: -115.516+/-115.502 χ^2/NDF: 14.9/11

Right: -172.394+/-128.849 χ^2/NDF: 31.5/35

In: -266.790+/-125.952 χ^2/NDF:18.1/21

Out: -30.840+/-117.725 χ^2/NDF:26.5/25

All: -140.857+/-86.005 χ^2/NDF: 46.5/47



Right In: 427.986+/-0.127 χ^2/NDF: 2062245.9/16

Left Out: 338.634+/-0.108 χ^2/NDF:275879.1/6

Right Out: 453.699+/-0.131 χ^2/NDF: 2134547.2/18

Left In: 345.795+/-0.125 χ^2/NDF:471003.1/4

Left: 341.694+/-0.082 χ^2/NDF: 748763.7/11

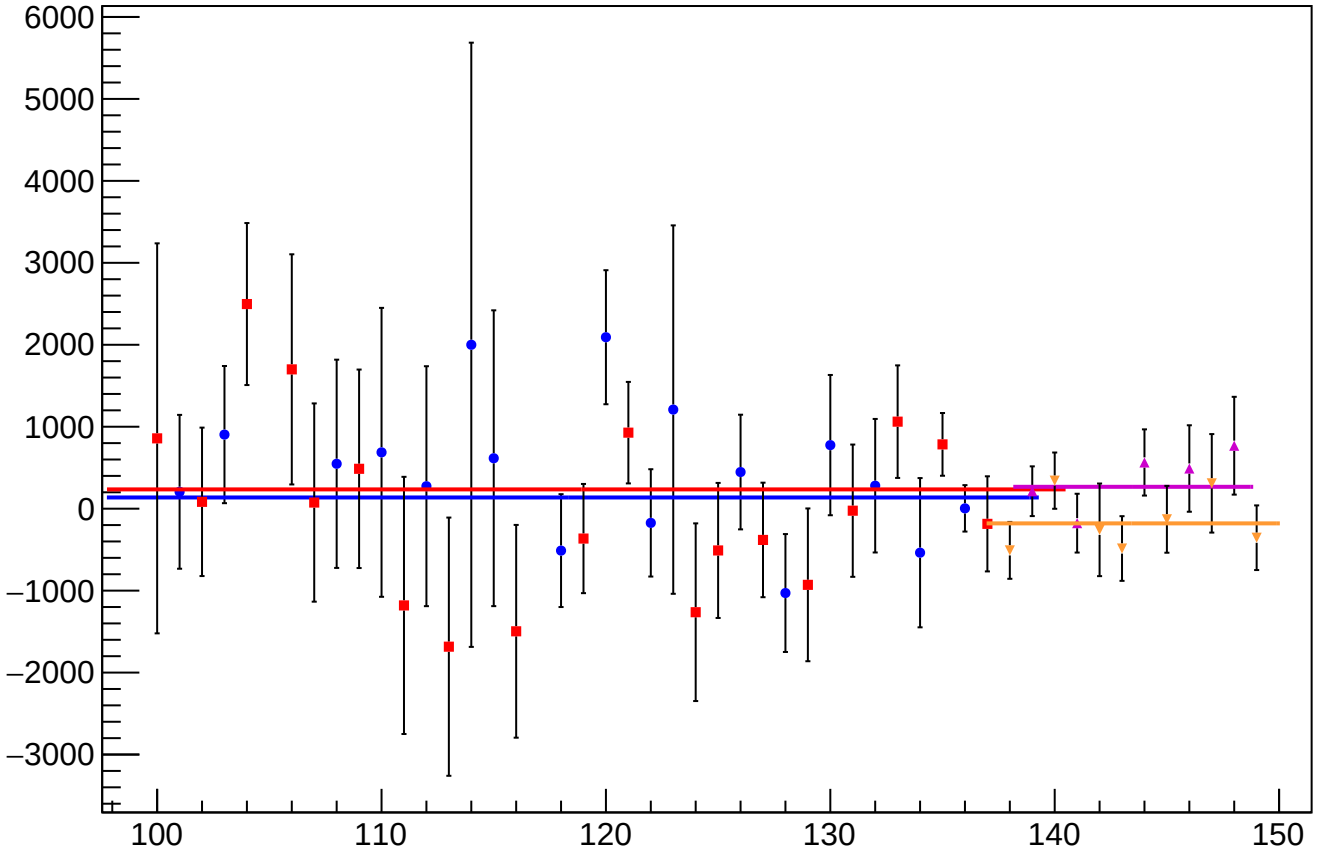
Right: 440.462+/-0.091 χ^2/NDF: 4216688.0/35

In: 386.223+/-0.089 χ^2/NDF:2746107.4/21

Out: 385.242+/-0.083 χ^2/NDF:2870870.3/25

All: 385.699+/-0.061 χ^2/NDF: 5617042.5/47

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF: 12.6/16

Left Out: -179.377+/-155.122 χ^2/NDF:4.7/6

Right Out: 235.334+/-184.025 χ^2/NDF: 21.8/18

Left In: 266.846+/-179.134 χ^2/NDF:3.0/4

Left: 11.844+/-117.265 χ^2/NDF: 11.2/11

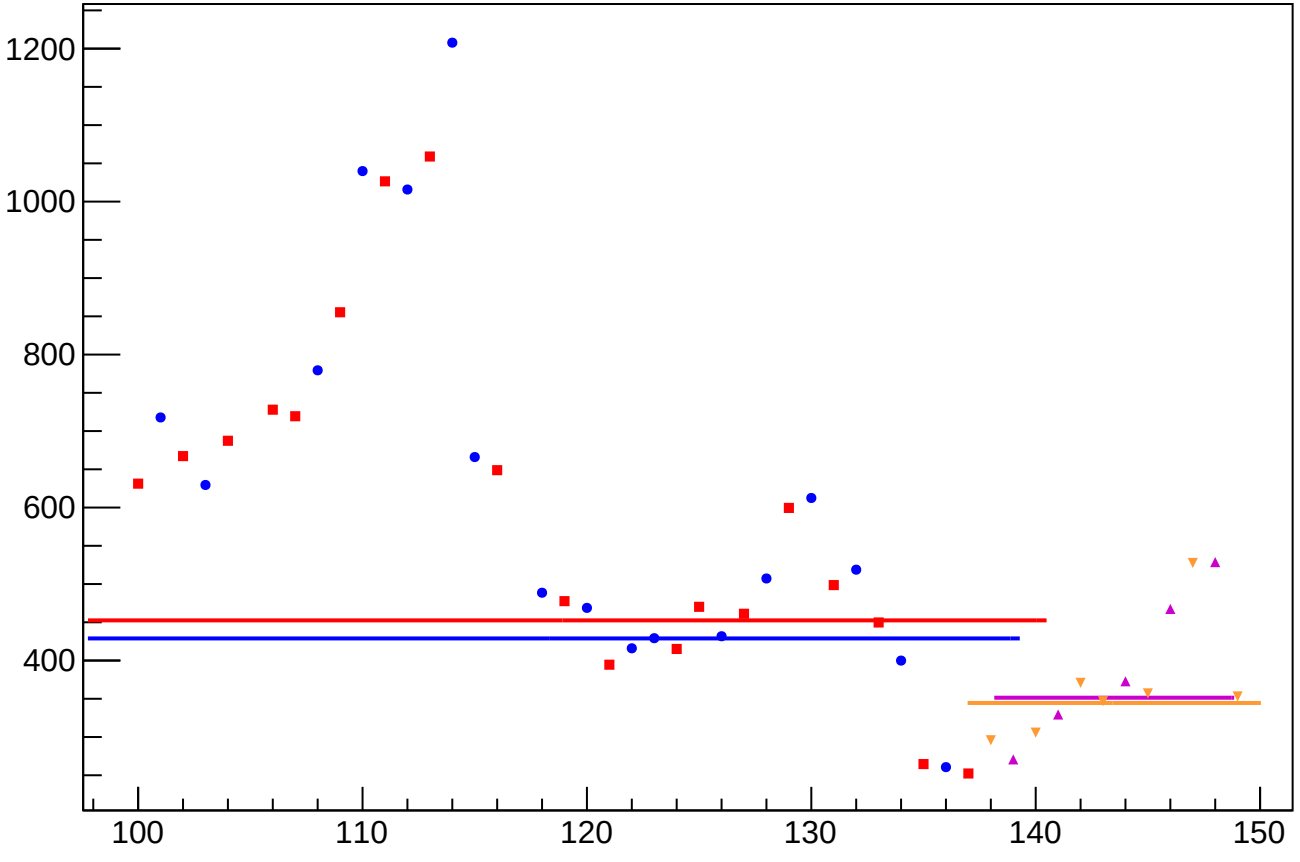
Right: 184.875+/-128.536 χ^2/NDF: 34.6/35

In: 202.000+/-126.834 χ^2/NDF:15.9/21

Out: -7.110+/-118.606 χ^2/NDF:29.5/25

All: 90.443+/-86.630 χ^2/NDF: 46.8/47

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF: 2010592.5/16

Left Out: 344.531+/-0.110 χ^2/NDF:257865.5/6

Right Out: 452.487+/-0.130 χ^2/NDF: 2042099.3/18

Left In: 351.400+/-0.127 χ^2/NDF:427650.9/4

Left: 347.474+/-0.083 χ^2/NDF: 687197.0/11

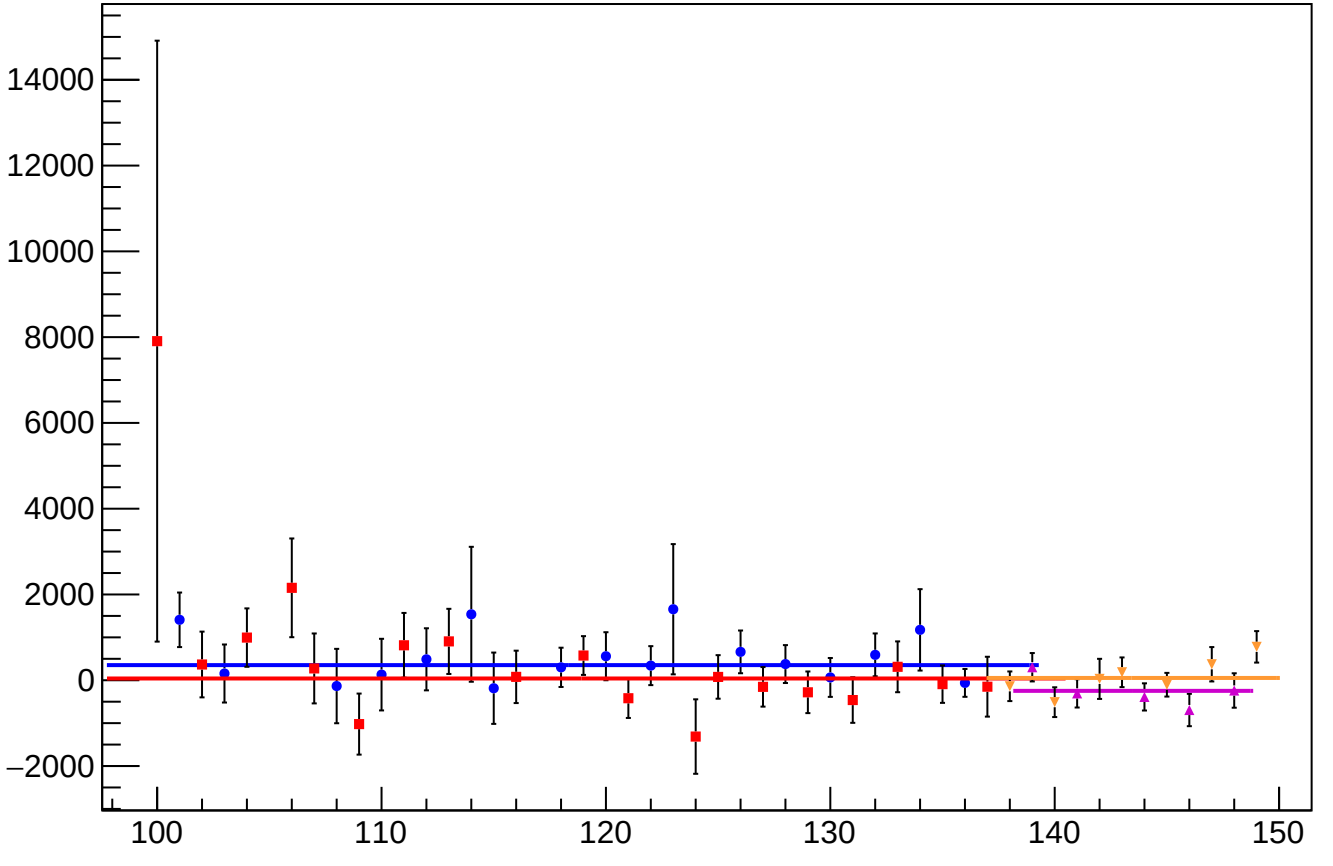
Right: 440.401+/-0.091 χ^2/NDF: 4069533.6/35

In: 390.042+/-0.090 χ^2/NDF:2624872.2/21

Out: 389.375+/-0.084 χ^2/NDF:2702339.6/25

All: 389.686+/-0.061 χ^2/NDF: 5327241.3/47

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927+/-137.298 χ^2/NDF: 8.5/16

Left Out: 53.579+/-133.192 χ^2/NDF:8.0/6

Right Out: 41.079+/-138.996 χ^2/NDF: 18.2/18

Left In: -247.351+/-155.196 χ^2/NDF:4.4/4

Left: -74.058+/-101.073 χ^2/NDF: 14.5/11

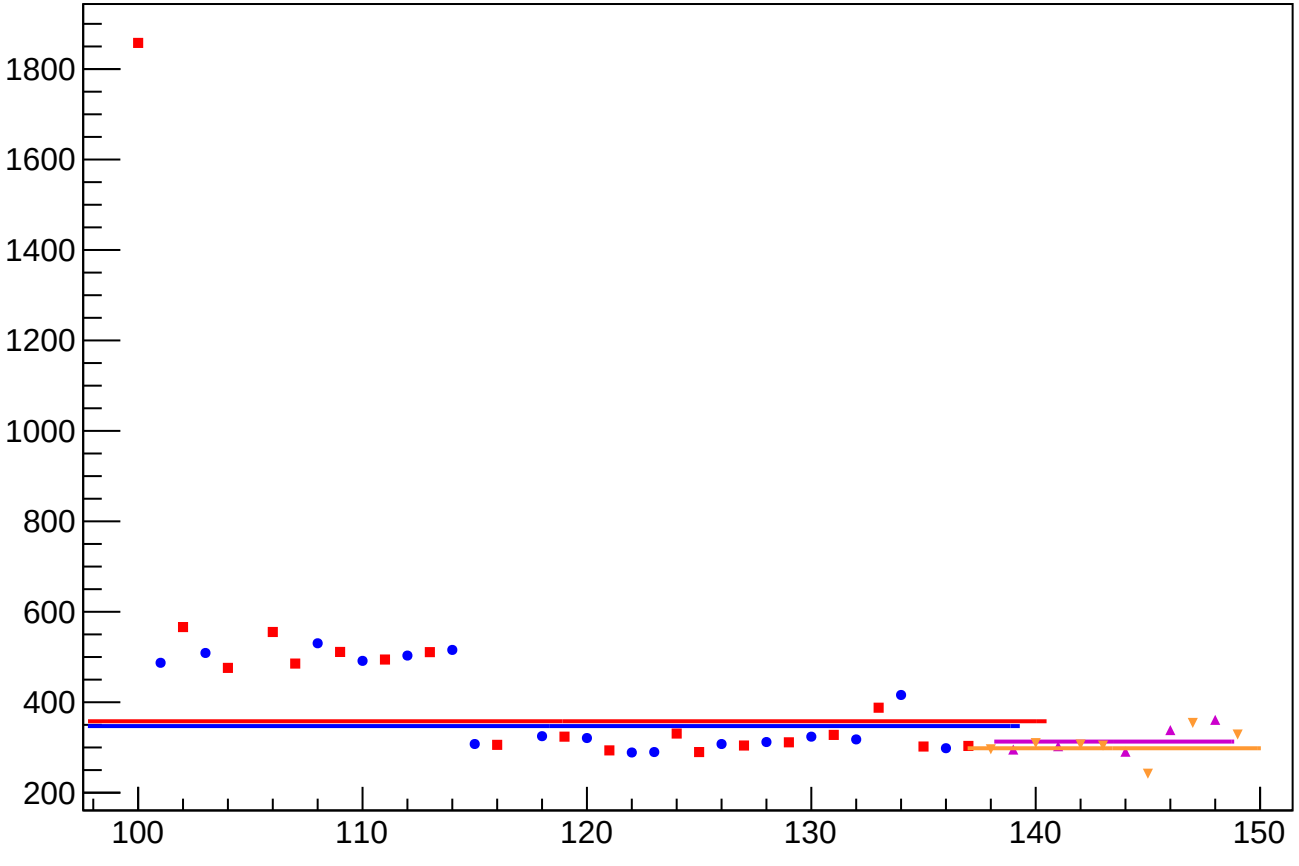
Right: 198.919+/-97.679 χ^2/NDF: 29.3/35

In: 89.382+/-102.833 χ^2/NDF:21.3/21

Out: 47.596+/-96.168 χ^2/NDF:26.2/25

All: 67.091+/-70.239 χ^2/NDF: 47.6/47

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF: 618906.8/16

Left Out: 298.250+/-0.094 χ^2/NDF:139195.4/6

Right Out: 357.955+/-0.098 χ^2/NDF: 851646.4/18

Left In: 313.012+/-0.110 χ^2/NDF:55350.5/4

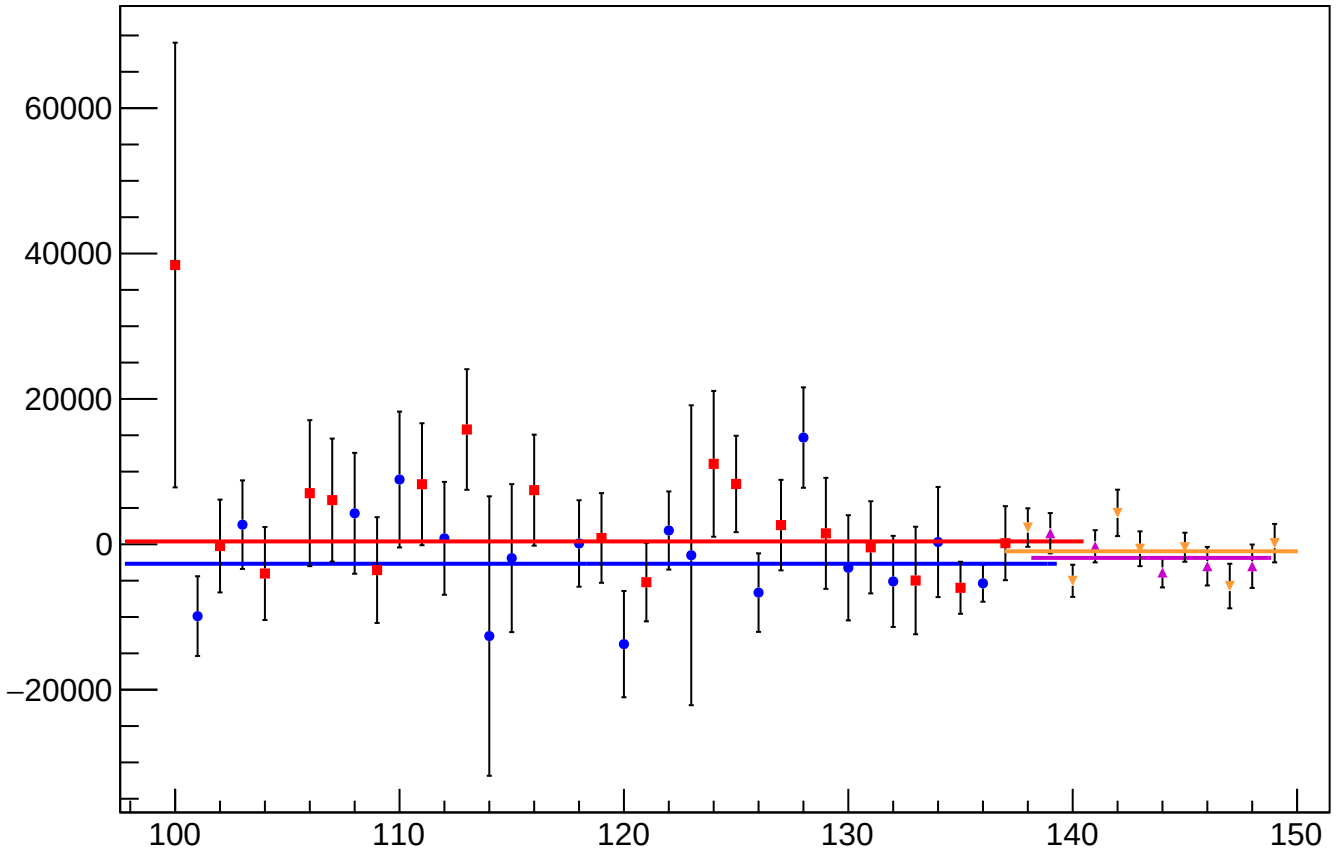
Left: 304.511+/-0.071 χ^2/NDF: 204967.4/11

Right: 352.552+/-0.069 χ^2/NDF: 1476524.8/35

In: 332.235+/-0.073 χ^2/NDF:728953.9/21

Out: 326.830+/-0.068 χ^2/NDF:1183220.3/25

All: 329.352+/-0.050 χ^2/NDF: 1915121.8/47



Right In: -2674.025+/-1456.188 χ^2/NDF: 16.7/16

Left Out: -956.474+/-944.353 χ^2/NDF:10.3/6

Right Out: 398.443+/-1515.968 χ^2/NDF: 15.9/18

Left In: -1866.333+/-1101.445 χ^2/NDF:3.3/4

Left: -1341.947+/-716.923 χ^2/NDF: 14.0/11

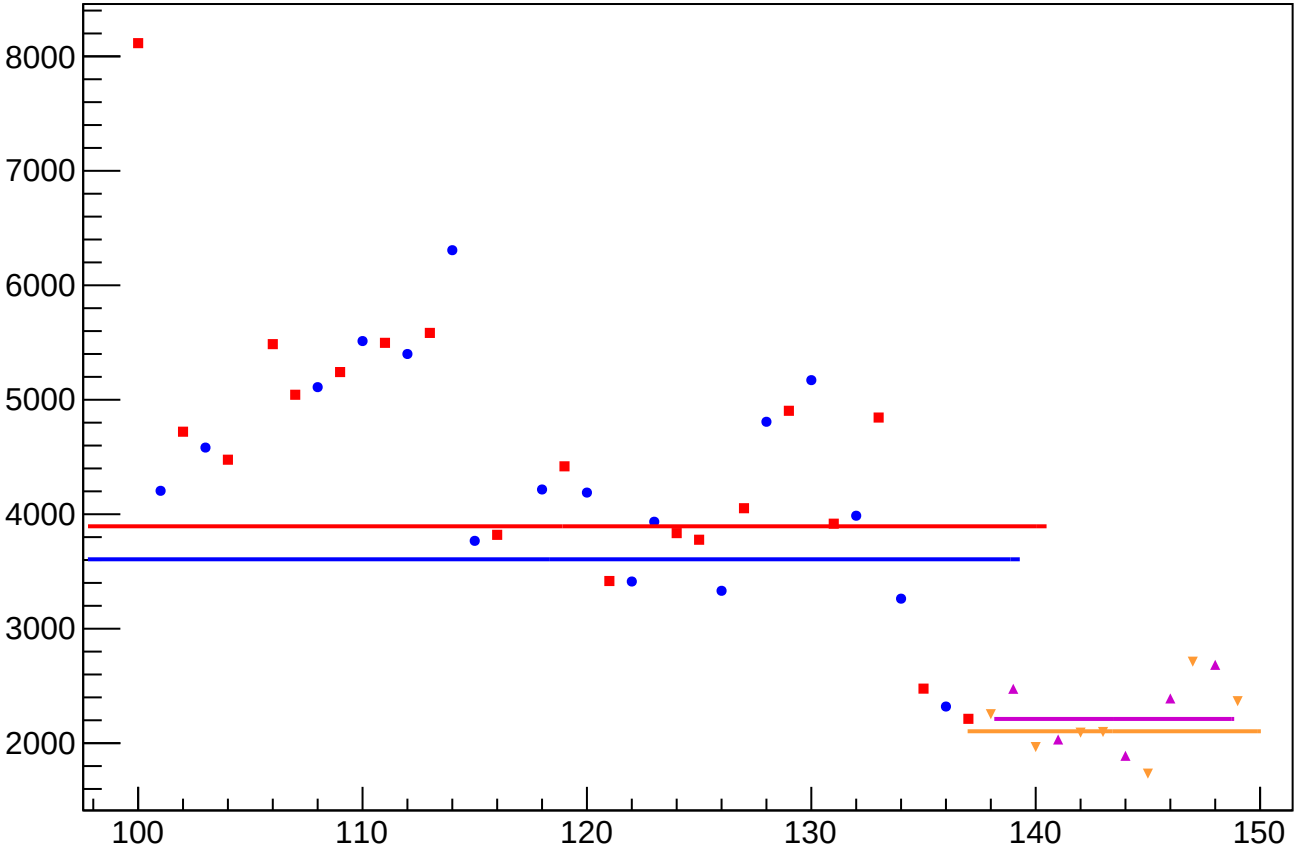
Right: -1199.564+/-1050.178 χ^2/NDF: 34.8/35

In: -2160.267+/-878.454 χ^2/NDF:20.2/21

Out: -577.686+/-801.552 χ^2/NDF:26.8/25

All: -1296.685+/-592.107 χ^2/NDF: 48.9/47

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF: 1092516.6/16

Left Out: 2103.972+/-0.668 χ^2/NDF:181509.7/6

Right Out: 3894.596+/-1.072 χ^2/NDF: 1032752.3/18

Left In: 2211.655+/-0.779 χ^2/NDF:139473.5/4

Left: 2149.593+/-0.507 χ^2/NDF: 332000.4/11

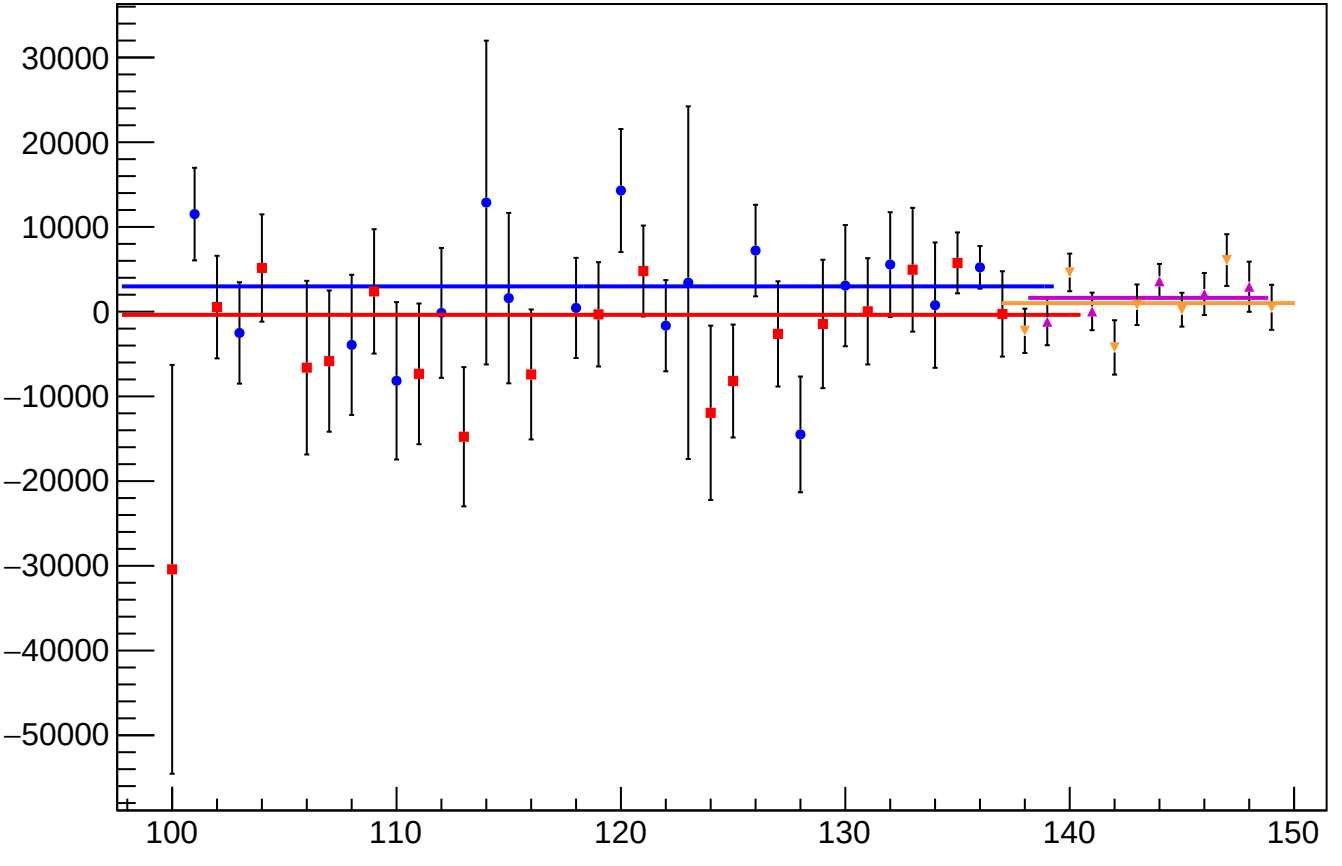
Right: 3744.683+/-0.743 χ^2/NDF: 2162873.5/35

In: 2719.213+/-0.621 χ^2/NDF:2398995.3/21

Out: 2604.568+/-0.567 χ^2/NDF:3224527.8/25

All: 2656.654+/-0.419 χ^2/NDF: 5642111.4/47

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF: 17.4/16

Left Out: 1003.630+/-945.053 χ^2/NDF:9.8/6

Right Out: -377.377+/-1507.395 χ^2/NDF: 15.0/18

Left In: 1625.818+/-1086.089 χ^2/NDF:2.7/4

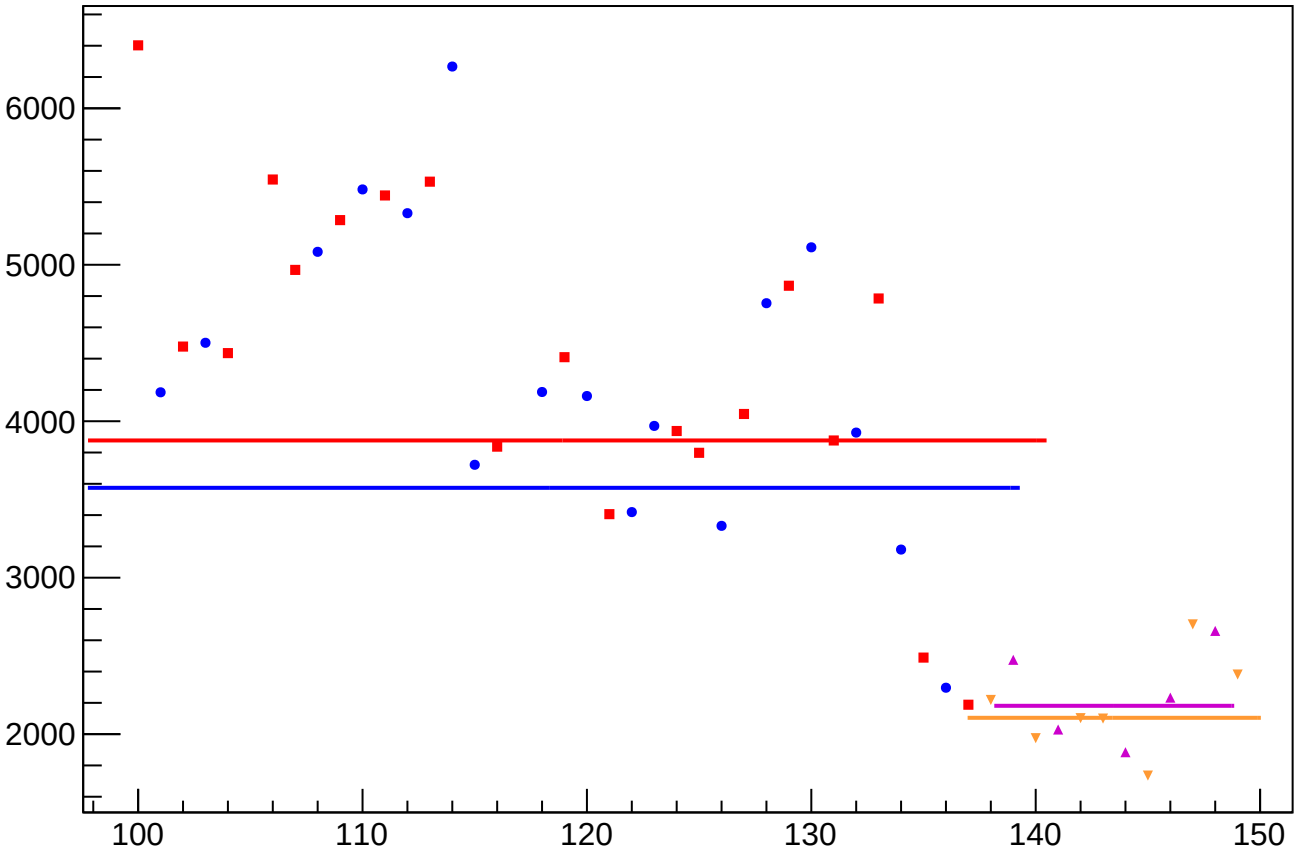
Left: 1271.729+/-712.938 χ^2/NDF: 12.7/11

Right: 1375.706+/-1042.614 χ^2/NDF: 35.1/35

In: 2116.567+/-867.899 χ^2/NDF:20.7/21

Out: 613.971+/-800.703 χ^2/NDF:25.5/25

All: 1304.856+/-588.506 χ^2/NDF: 47.8/47



Right In: 3574.362+/-1.021 χ^2/NDF: 1091350.4/16

Left Out: 2104.420+/-0.668 χ^2/NDF:177124.0/6

Right Out: 3877.124+/-1.066 χ^2/NDF: 990125.2/18

Left In: 2181.155+/-0.768 χ^2/NDF:126921.7/4

Left: 2137.485+/-0.504 χ^2/NDF: 309727.5/11

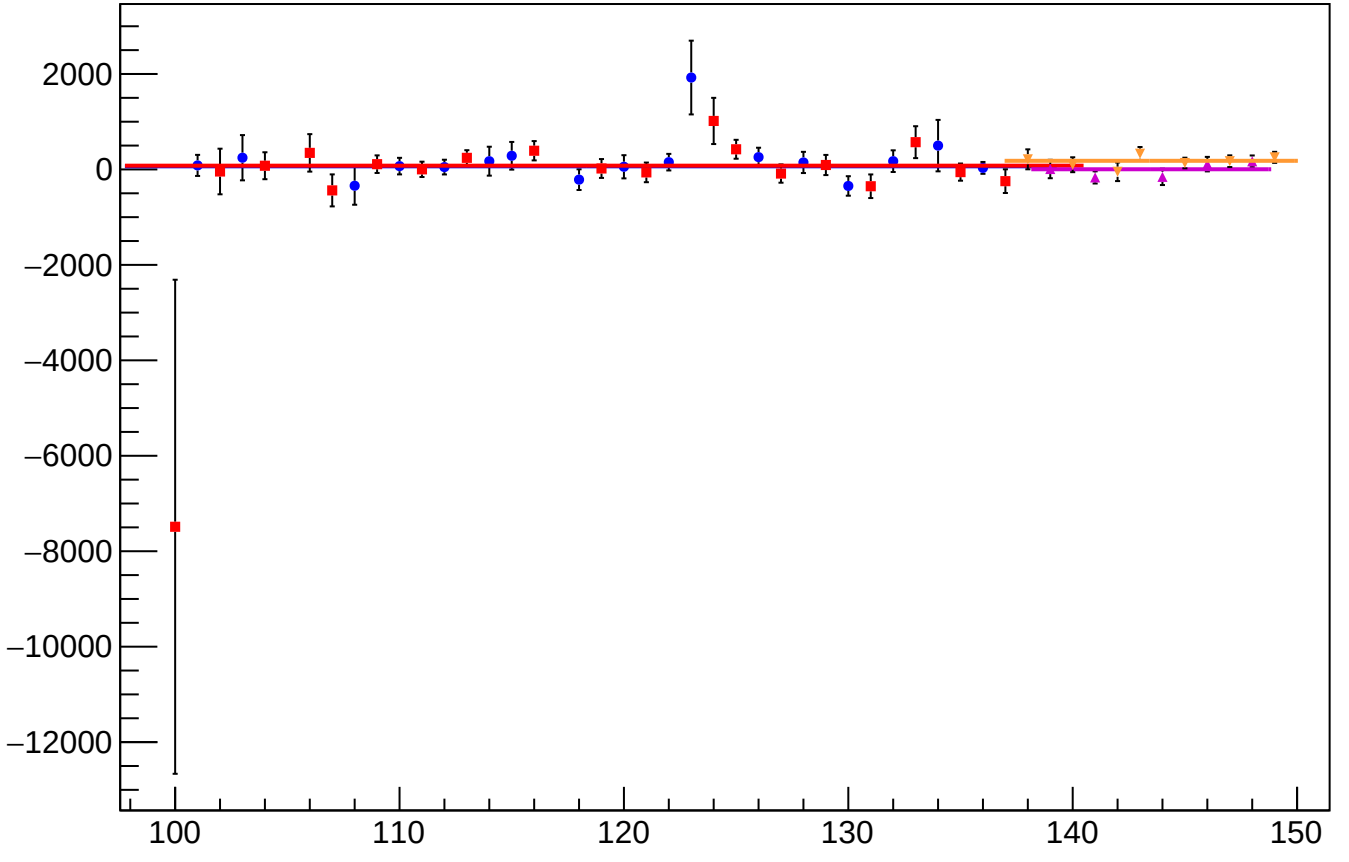
Right: 3719.204+/-0.737 χ^2/NDF: 2123559.1/35

In: 2684.705+/-0.614 χ^2/NDF:2407751.0/21

Out: 2604.598+/-0.566 χ^2/NDF:3152789.2/25

All: 2641.431+/-0.416 χ^2/NDF: 5569744.5/47

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF: 15.7/16

Left Out: 180.687+/-52.508 χ^2/NDF:3.4/6

Right Out: 78.699+/-52.341 χ^2/NDF: 24.3/18

Left In: 3.552+/-65.685 χ^2/NDF:5.0/4

Left: 111.625+/-41.014 χ^2/NDF: 12.8/11

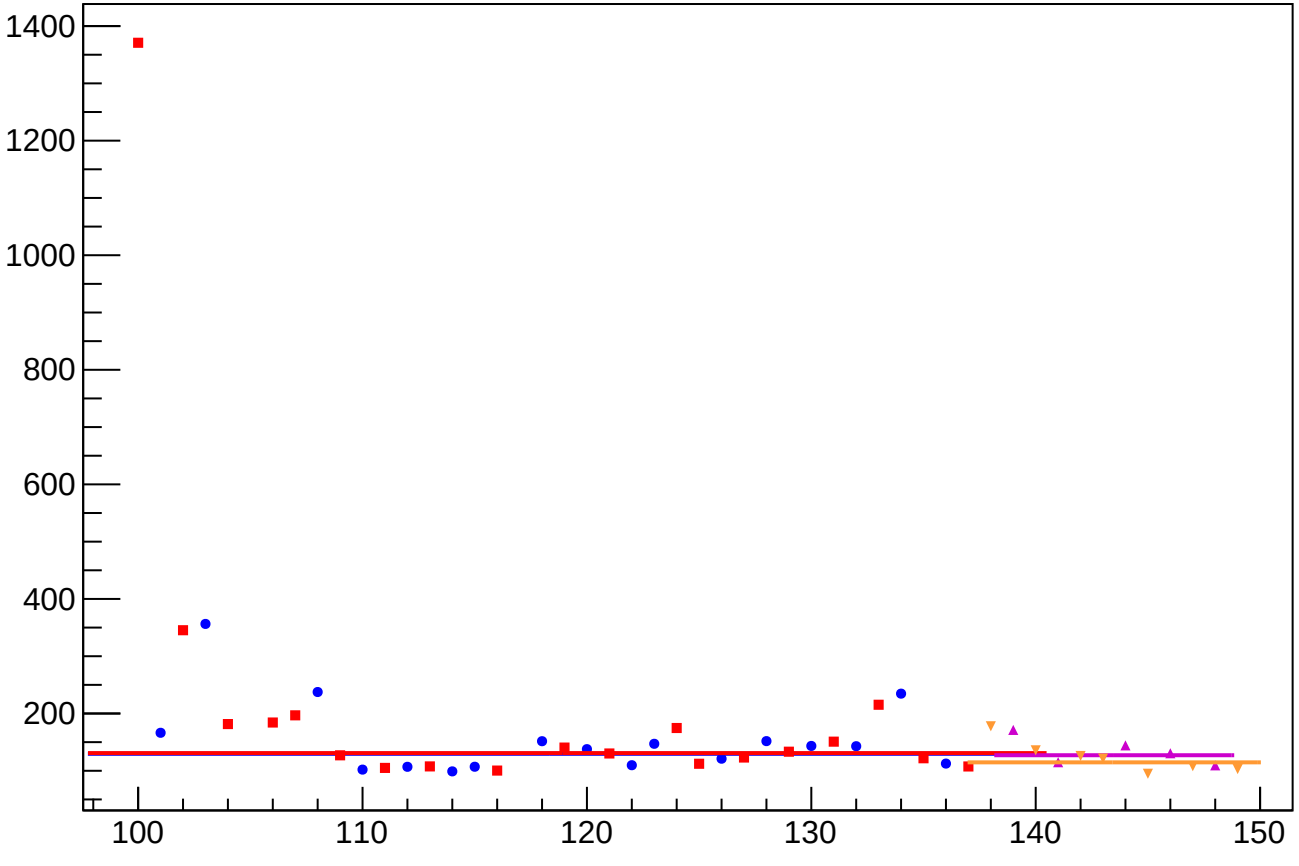
Right: 72.008+/-37.137 χ^2/NDF: 40.0/35

In: 41.072+/-41.106 χ^2/NDF:21.2/21

Out: 129.530+/-37.070 χ^2/NDF:29.6/25

All: 89.856+/-27.529 χ^2/NDF: 53.4/47

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF: 989682.4/16

Left Out: 114.725+/-0.037 χ^2/NDF:318571.9/6

Right Out: 130.878+/-0.037 χ^2/NDF: 1042325.1/18

Left In: 127.166+/-0.046 χ^2/NDF:185841.1/4

Left: 119.575+/-0.029 χ^2/NDF: 548185.7/11

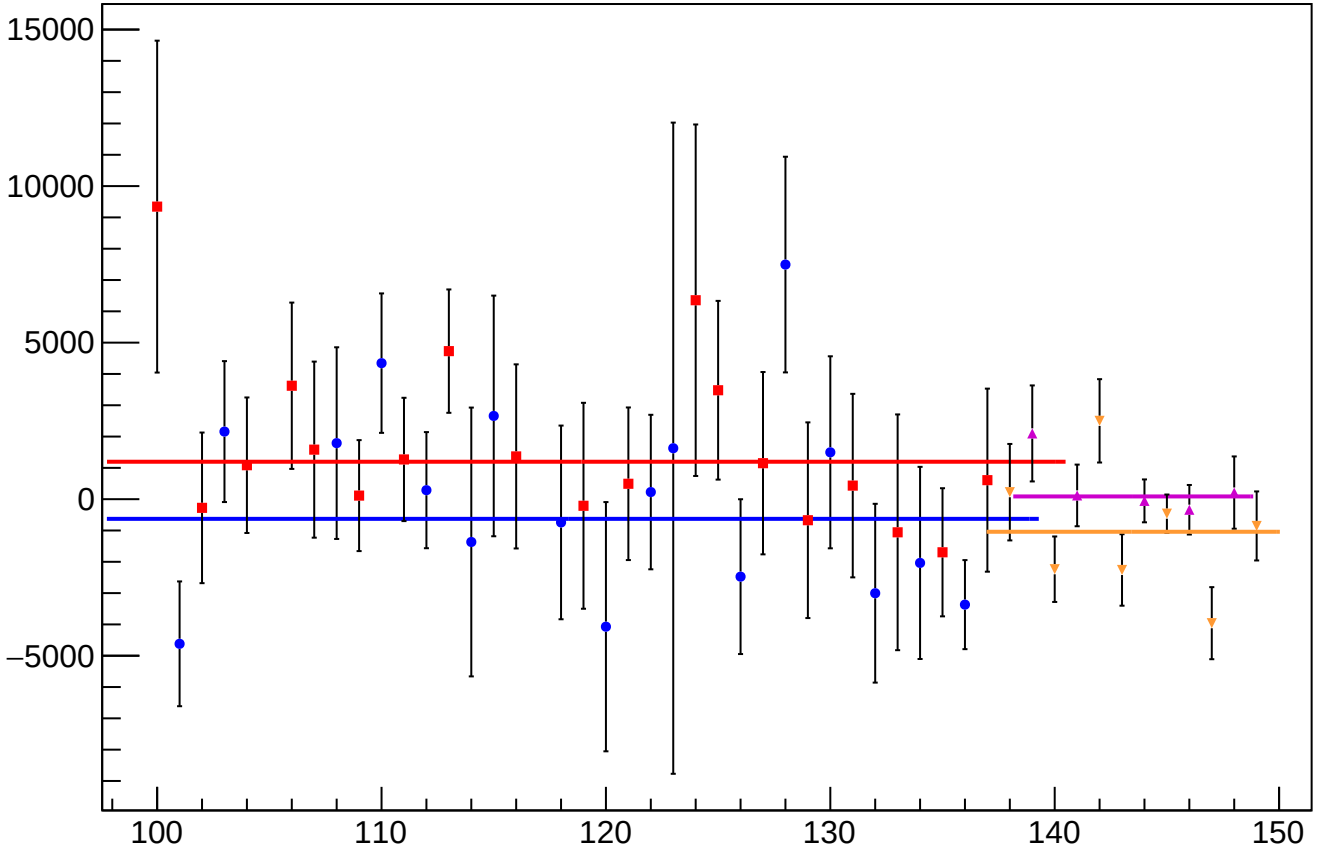
Right: 130.291+/-0.026 χ^2/NDF: 2032513.5/35

In: 128.705+/-0.029 χ^2/NDF:1177330.2/21

Out: 122.827+/-0.026 χ^2/NDF:1455837.5/25

All: 125.464+/-0.019 χ^2/NDF: 2655723.1/47

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF: 24.3/16

Left Out: -1040.635+/-379.987 χ^2/NDF:17.6/6

Right Out: 1196.185+/-595.685 χ^2/NDF: 11.8/18

Left In: 87.814+/-410.430 χ^2/NDF:2.1/4

Left: -519.809+/-278.833 χ^2/NDF: 23.7/11

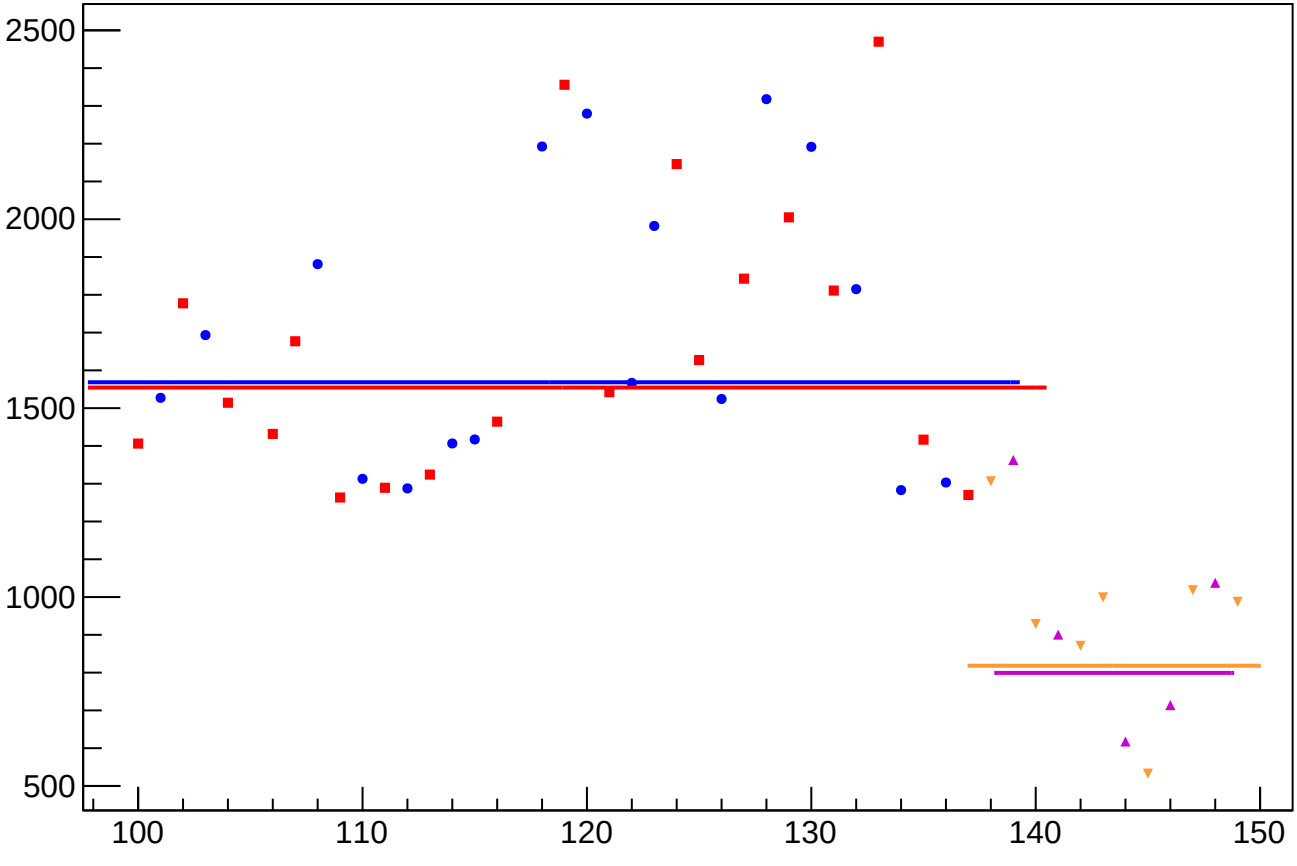
Right: 322.661+/-430.045 χ^2/NDF: 40.5/35

In: -129.620+/-342.486 χ^2/NDF:27.3/21

Out: -393.690+/-320.357 χ^2/NDF:39.4/25

All: -270.461+/-233.959 χ^2/NDF: 67.0/47

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF: 534197.6/16

Left Out: 818.212+/-0.269 χ^2/NDF:821095.2/6

Right Out: 1554.527+/-0.421 χ^2/NDF: 512038.4/18

Left In: 799.256+/-0.290 χ^2/NDF:540640.5/4

Left: 809.463+/-0.197 χ^2/NDF: 1364032.8/11

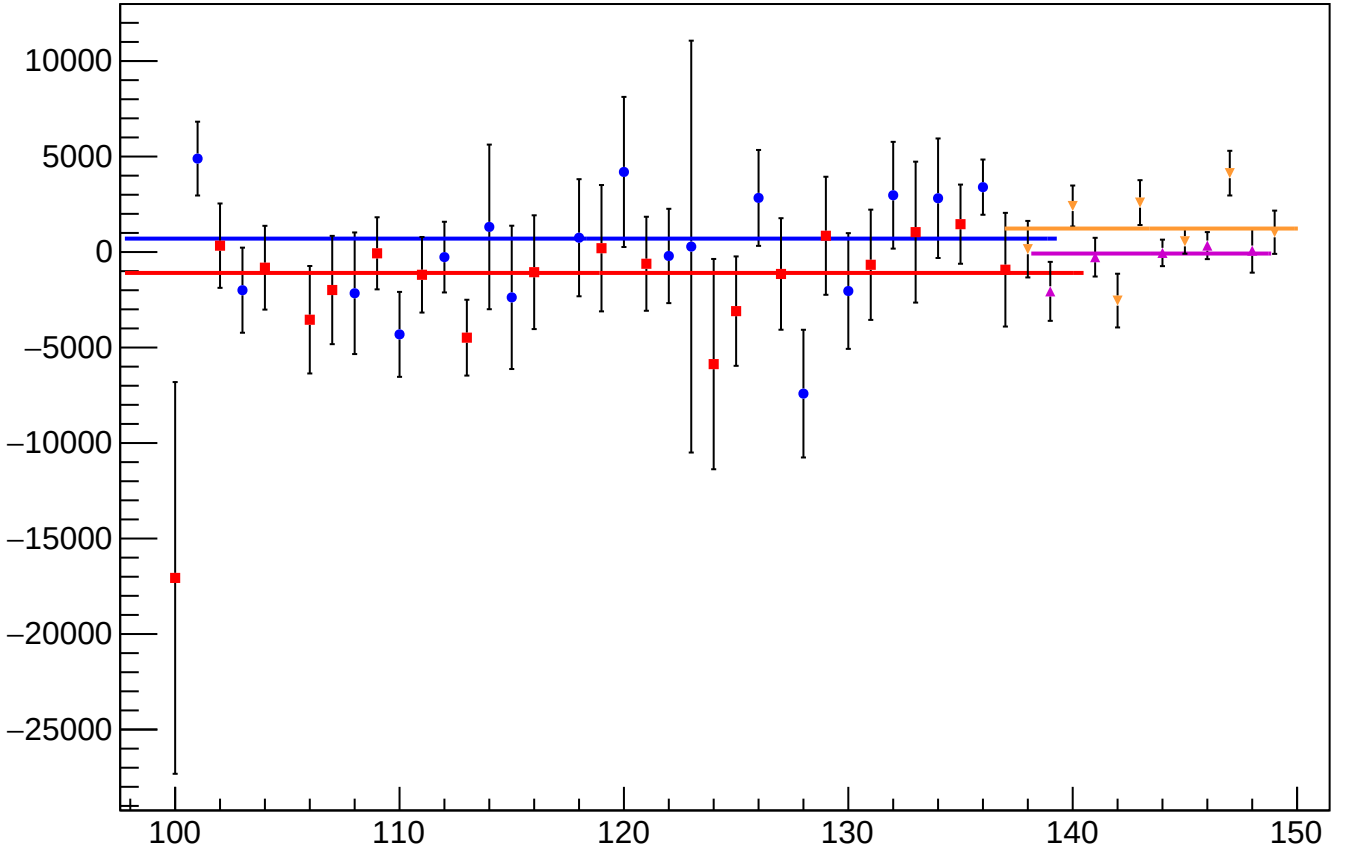
Right: 1561.208+/-0.304 χ^2/NDF: 1046761.5/35

In: 1032.857+/-0.242 χ^2/NDF:3208269.2/21

Out: 1031.173+/-0.227 χ^2/NDF:3505116.8/25

All: 1031.959+/-0.165 χ^2/NDF: 6713411.8/47

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF: 26.0/16

Left Out: 1230.204+/-394.246 χ^2/NDF:17.5/6

Right Out: -1093.862+/-603.204 χ^2/NDF: 10.6/18

Left In: -78.757+/-400.963 χ^2/NDF:2.0/4

Left: 586.780+/-281.119 χ^2/NDF: 25.0/11

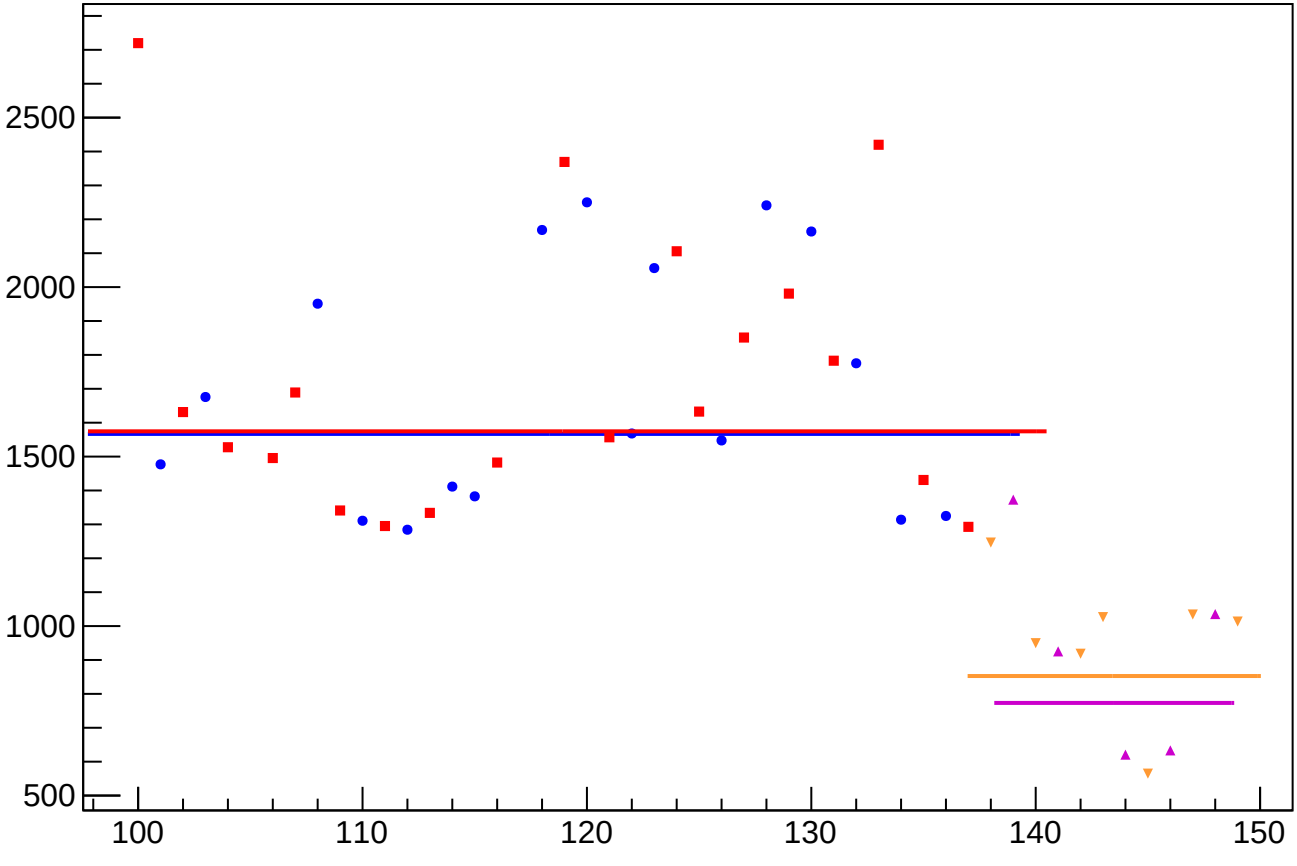
Right: -220.967+/-432.555 χ^2/NDF: 40.9/35

In: 151.476+/-336.789 χ^2/NDF:29.1/21

Out: 534.576+/-330.011 χ^2/NDF:38.6/25

All: 346.920+/-235.713 χ^2/NDF: 68.4/47

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937+/-0.439 χ^2/NDF: 499846.2/16

Left Out: 852.642+/-0.279 χ^2/NDF:686940.3/6

Right Out: 1574.525+/-0.427 χ^2/NDF: 464289.2/18

Left In: 773.284+/-0.284 χ^2/NDF:625196.3/4

Left: 813.633+/-0.199 χ^2/NDF: 1351970.7/11

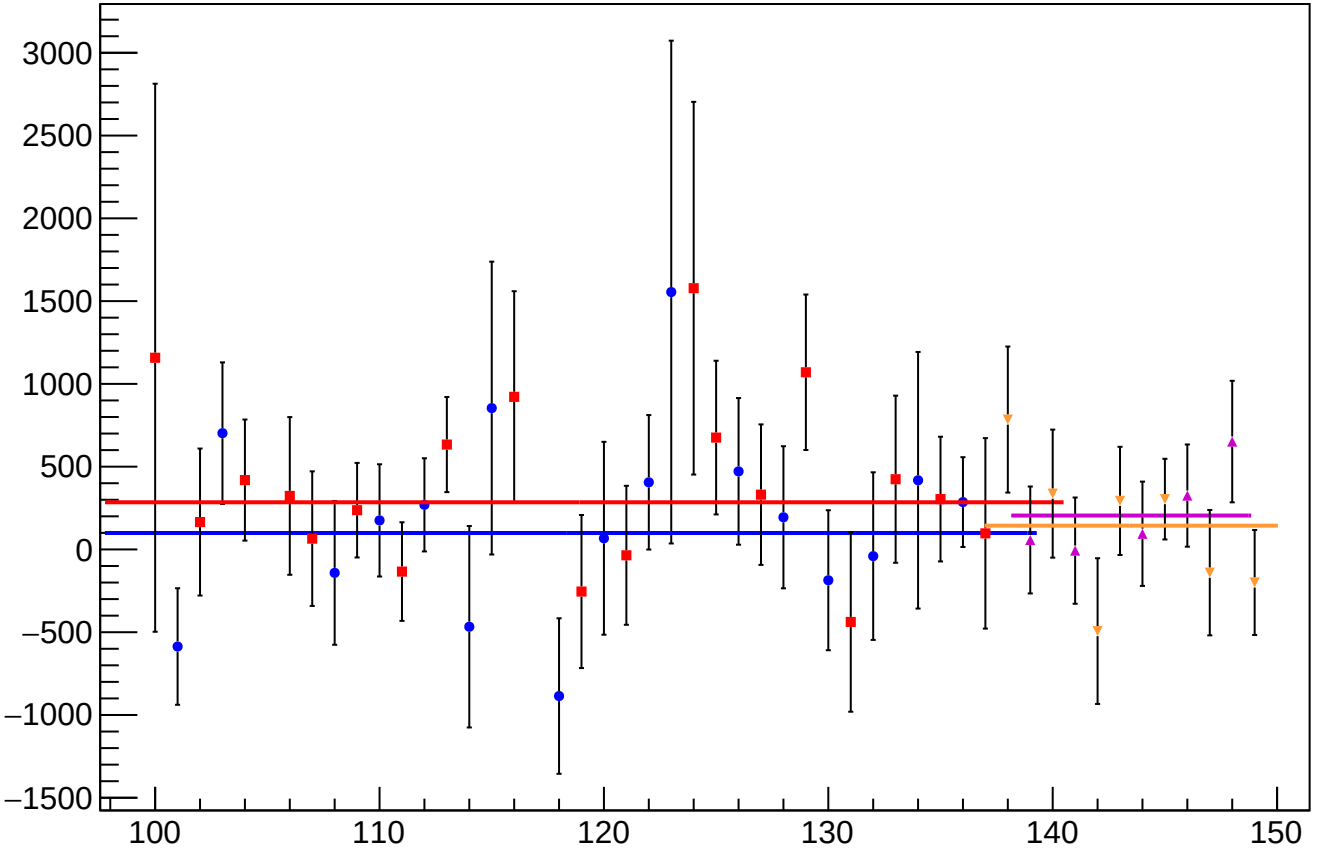
Right: 1570.839+/-0.306 χ^2/NDF: 964289.1/35

In: 1007.004+/-0.238 χ^2/NDF:3432572.1/21

Out: 1068.713+/-0.233 χ^2/NDF:3158276.3/25

All: 1038.485+/-0.167 χ^2/NDF: 6625103.1/47

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387+/-103.463 χ^2/NDF: 15.9/16

Left Out: 143.728+/-128.964 χ^2/NDF:6.8/6

Right Out: 284.883+/-97.709 χ^2/NDF: 14.0/18

Left In: 204.737+/-145.410 χ^2/NDF:2.4/4

Left: 170.589+/-96.484 χ^2/NDF: 9.3/11

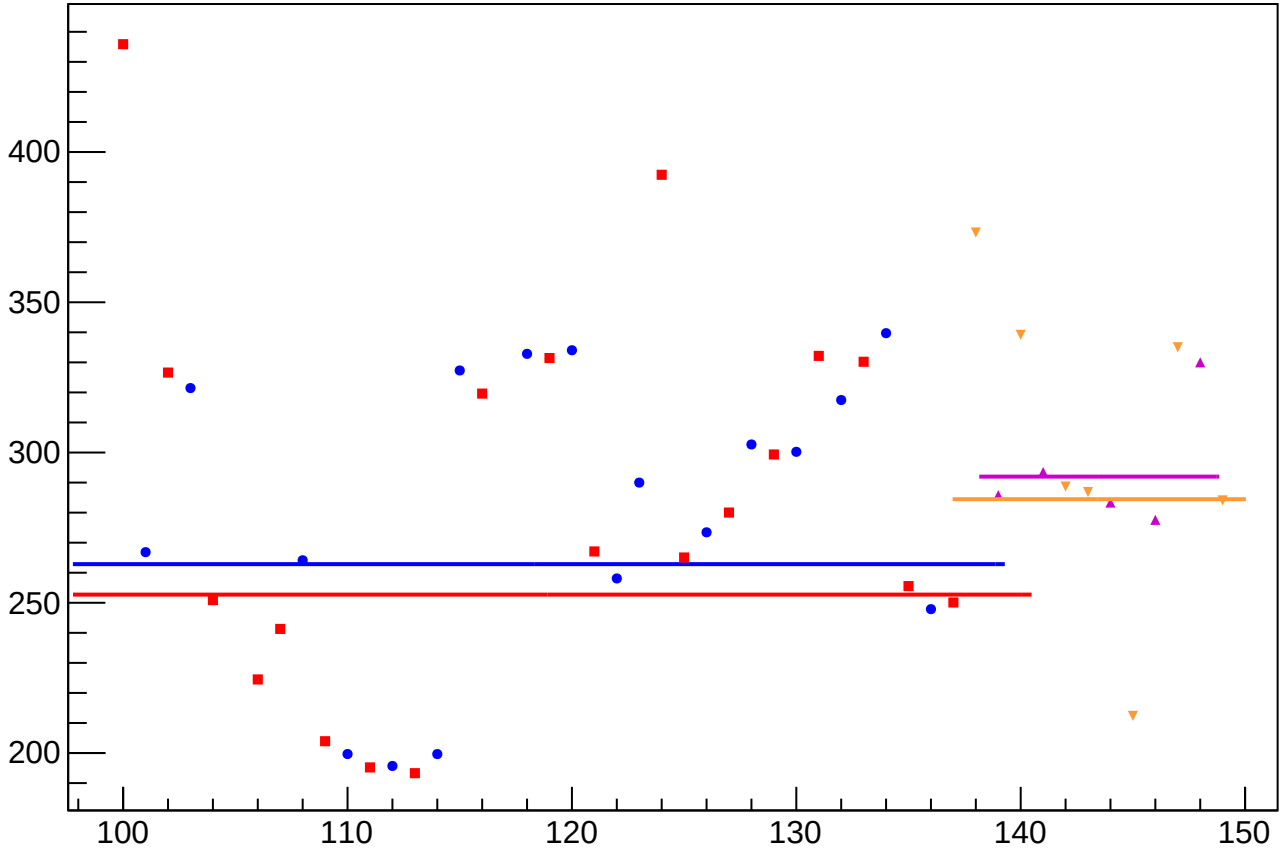
Right: 197.437+/-71.038 χ^2/NDF: 31.6/35

In: 134.796+/-84.301 χ^2/NDF:18.7/21

Out: 233.406+/-77.881 χ^2/NDF:21.6/25

All: 187.999+/-57.205 χ^2/NDF: 41.0/47

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF: 411698.3/16

Left Out: 284.461+/-0.091 χ^2/NDF:332157.5/6

Right Out: 252.720+/-0.069 χ^2/NDF: 539727.3/18

Left In: 291.985+/-0.103 χ^2/NDF:28086.4/4

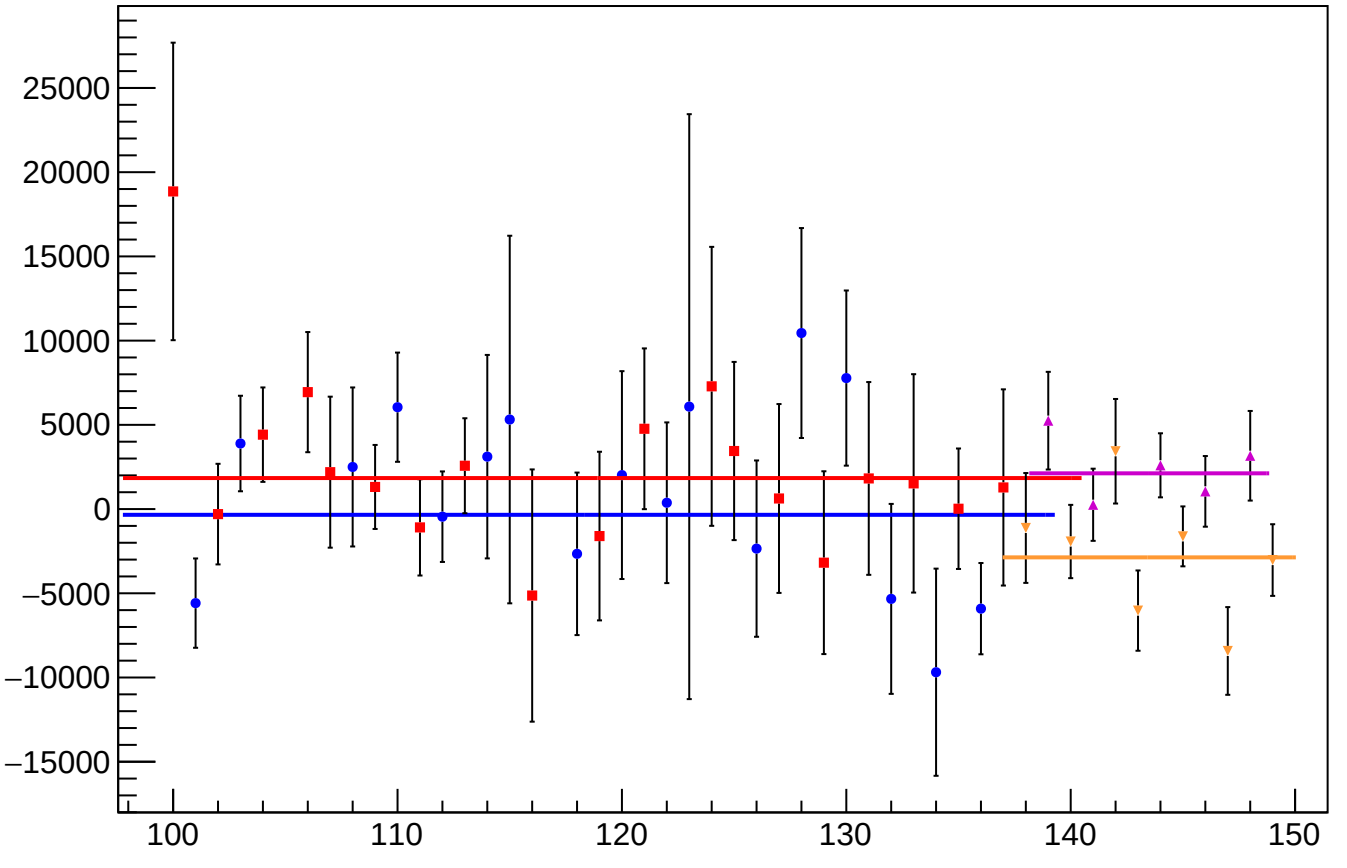
Left: 287.774+/-0.068 χ^2/NDF: 363241.3/11

Right: 257.498+/-0.050 χ^2/NDF: 961572.8/35

In: 272.647+/-0.060 χ^2/NDF:493066.6/21

Out: 264.295+/-0.055 χ^2/NDF:948854.5/25

All: 268.141+/-0.040 χ^2/NDF: 1452511.0/47



Right In: -341.538+/-1004.635 χ^2/NDF: 24.4/16

Left Out: -2867.829+/-887.433 χ^2/NDF:11.4/6

Right Out: 1840.596+/-924.746 χ^2/NDF: 11.7/18

Left In: 2121.981+/-1009.176 χ^2/NDF:2.4/4

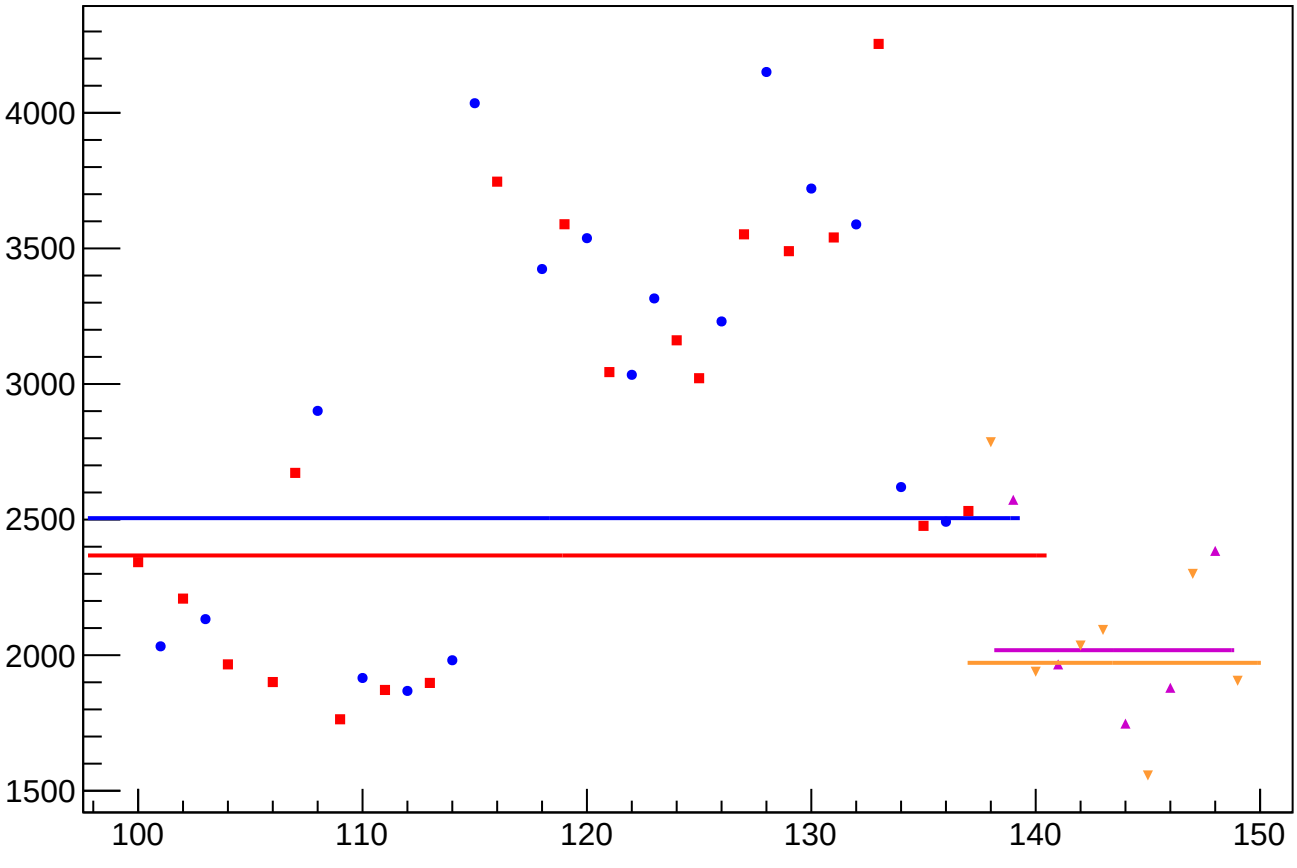
Left: -691.903+/-666.418 χ^2/NDF: 27.6/11

Right: 839.728+/-680.387 χ^2/NDF: 38.7/35

In: 884.666+/-711.984 χ^2/NDF:29.8/21

Out: -610.521+/-640.295 χ^2/NDF:36.6/25

All: 58.029+/-476.091 χ^2/NDF: 68.9/47



Right In: 2505.329+/-0.710 χ^2/NDF: 864133.9/16

Left Out: 1971.804+/-0.628 χ^2/NDF:273618.4/6

Right Out: 2367.730+/-0.654 χ^2/NDF: 1030895.6/18

Left In: 2018.402+/-0.714 χ^2/NDF:161517.8/4

Left: 1992.124+/-0.471 χ^2/NDF: 437540.9/11

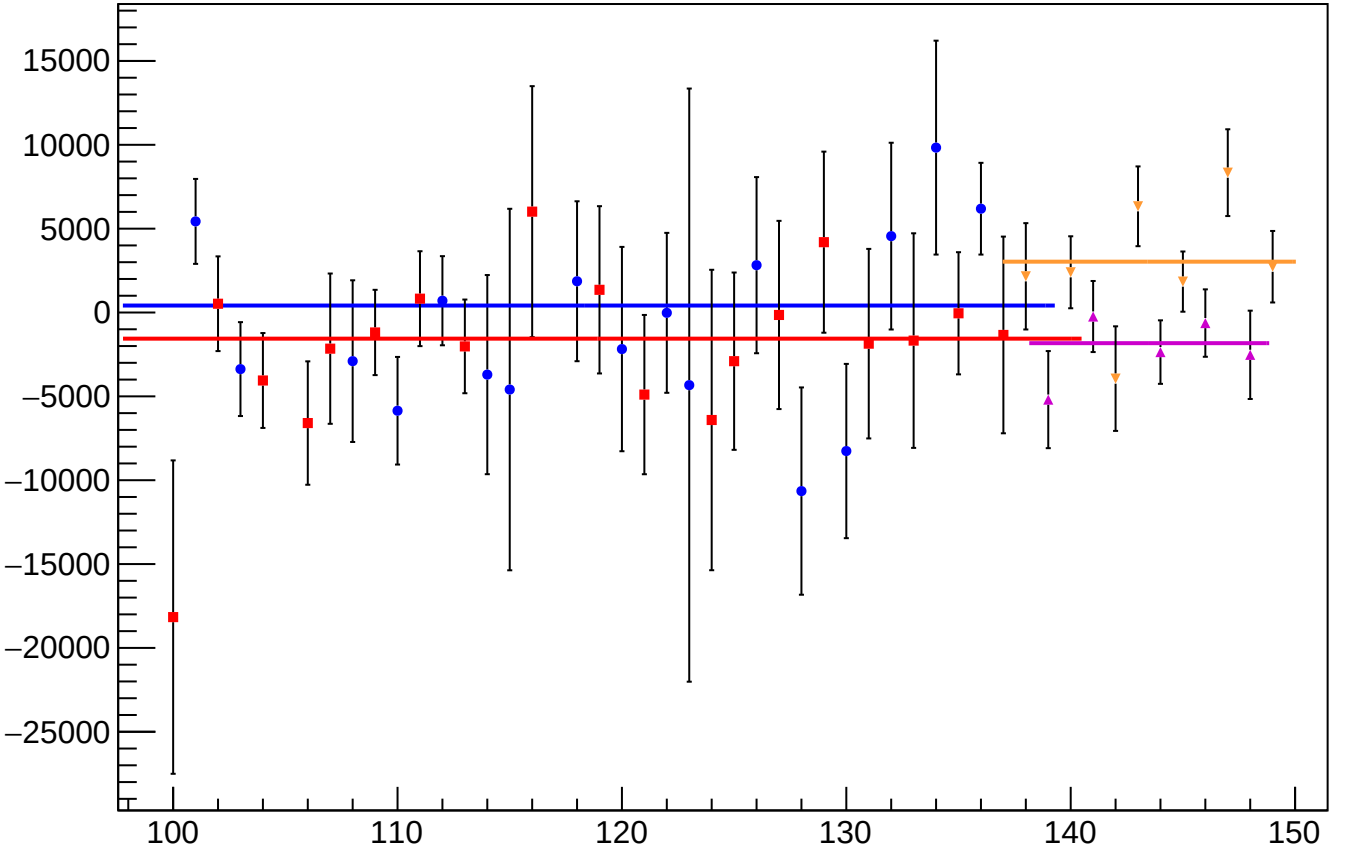
Right: 2430.842+/-0.481 χ^2/NDF: 1915339.5/35

In: 2262.964+/-0.503 χ^2/NDF:1259507.7/21

Out: 2161.618+/-0.453 χ^2/NDF:1495368.3/25

All: 2206.933+/-0.337 χ^2/NDF: 2777279.5/47

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF: 24.5/16

Left Out: 3031.607+/-885.356 χ^2/NDF:11.8/6

Right Out: -1558.787+/-924.438 χ^2/NDF: 10.7/18

Left In: -1827.923+/-993.760 χ^2/NDF:2.4/4

Left: 881.253+/-661.057 χ^2/NDF: 27.5/11

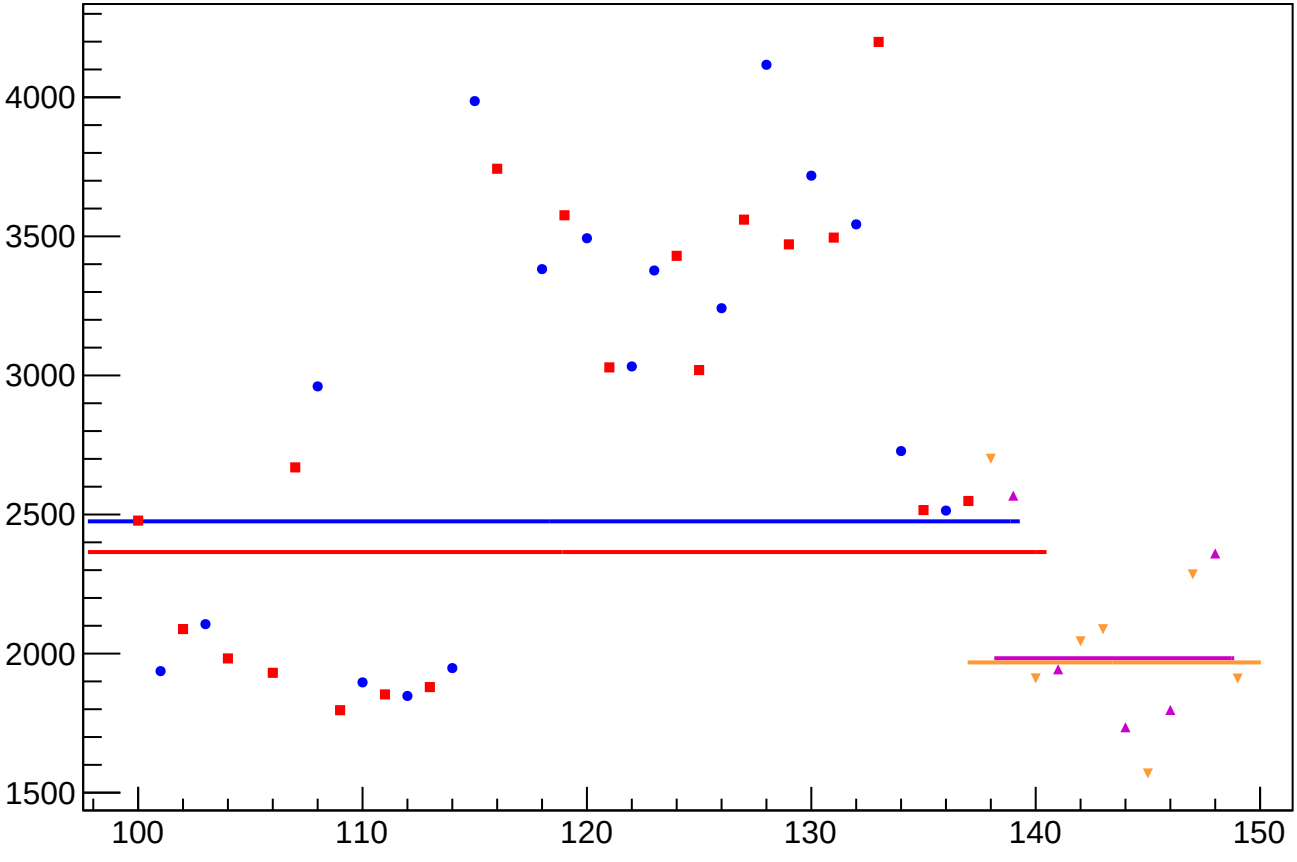
Right: -644.015+/-677.222 χ^2/NDF: 37.3/35

In: -707.488+/-703.102 χ^2/NDF:29.5/21

Out: 835.494+/-639.411 χ^2/NDF:35.3/25

All: 137.040+/-473.050 χ^2/NDF: 67.4/47

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF: 913073.5/16

Left Out: 1968.229+/-0.626 χ^2/NDF:244602.0/6

Right Out: 2365.025+/-0.654 χ^2/NDF: 1027171.5/18

Left In: 1983.321+/-0.703 χ^2/NDF:174660.7/4

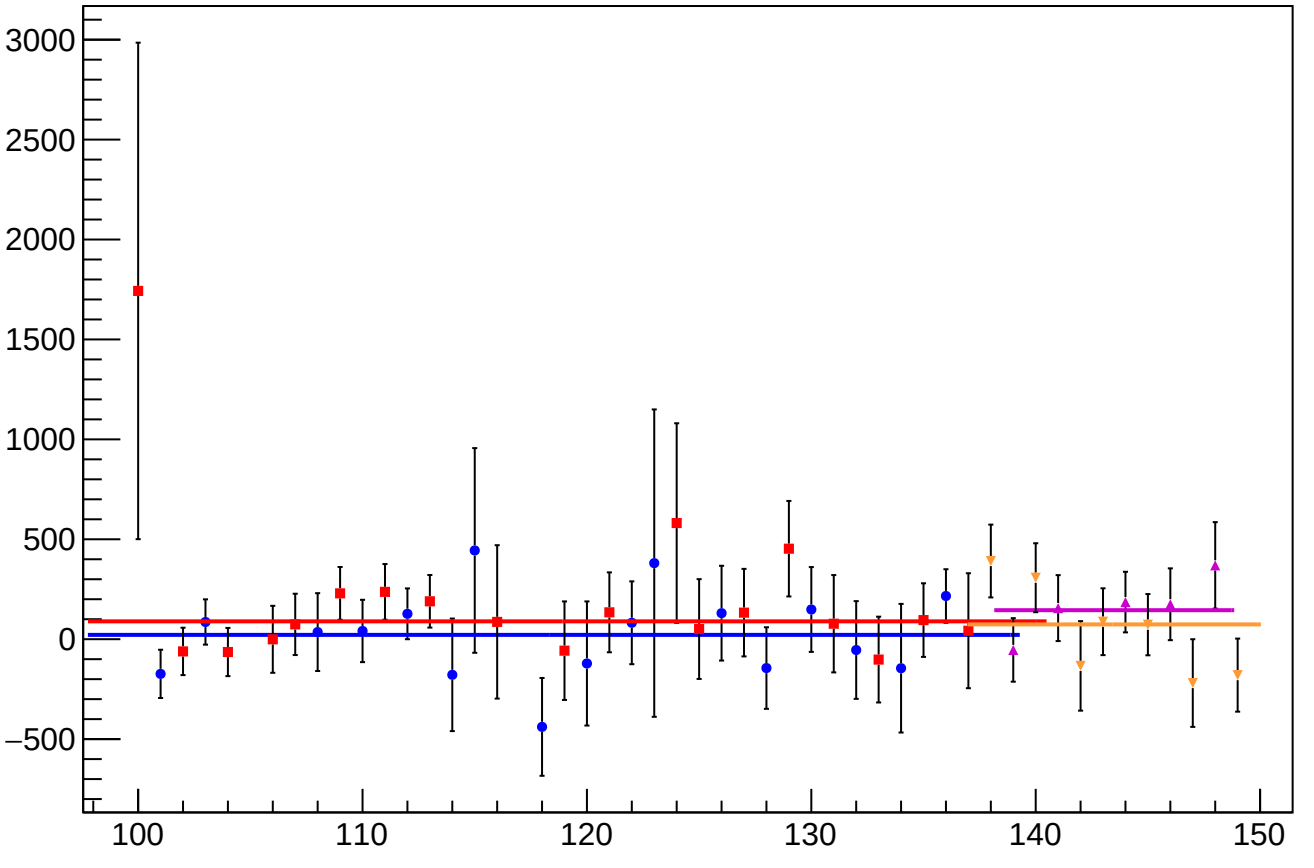
Left: 1974.907+/-0.467 χ^2/NDF: 419519.9/11

Right: 2416.181+/-0.479 χ^2/NDF: 1953463.4/35

In: 2229.092+/-0.497 χ^2/NDF:1332676.9/21

Out: 2158.062+/-0.452 χ^2/NDF:1463964.7/25

All: 2190.215+/-0.334 χ^2/NDF: 2807813.6/47



Right In: 21.649+/-45.157 χ^2/NDF: 12.6/16

Left Out: 73.990+/-68.567 χ^2/NDF:9.4/6

Right Out: 89.313+/-41.803 χ^2/NDF: 12.7/18

Left In: 145.156+/-76.207 χ^2/NDF:2.7/4

Left: 105.828+/-50.972 χ^2/NDF: 12.7/11

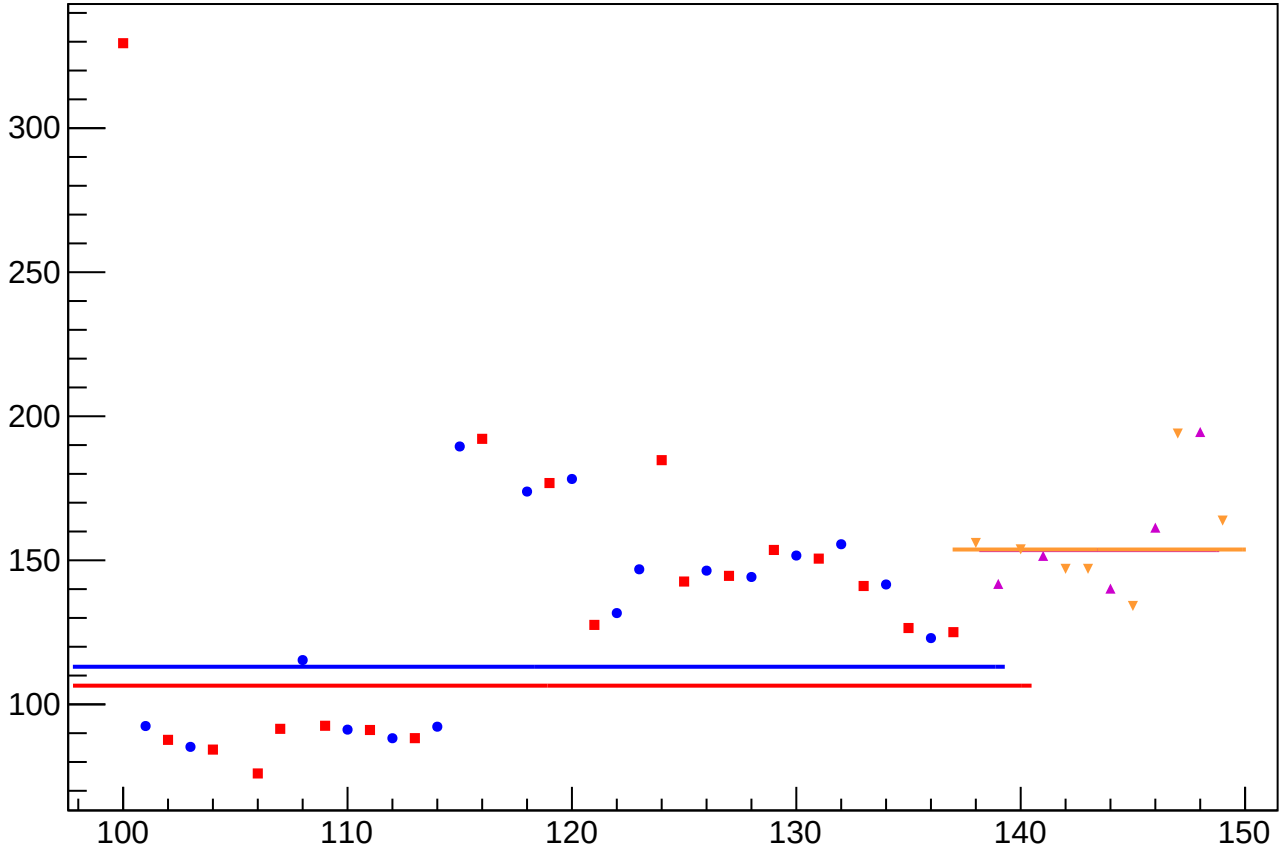
Right: 58.087+/-30.676 χ^2/NDF: 26.5/35

In: 53.745+/-38.849 χ^2/NDF:17.3/21

Out: 85.161+/-35.692 χ^2/NDF:22.2/25

All: 70.781+/-26.283 χ^2/NDF: 39.8/47

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF: 820795.9/16

Left Out: 153.749+/-0.048 χ^2/NDF:111398.5/6

Right Out: 106.493+/-0.030 χ^2/NDF: 1016224.6/18

Left In: 153.543+/-0.054 χ^2/NDF:102331.3/4

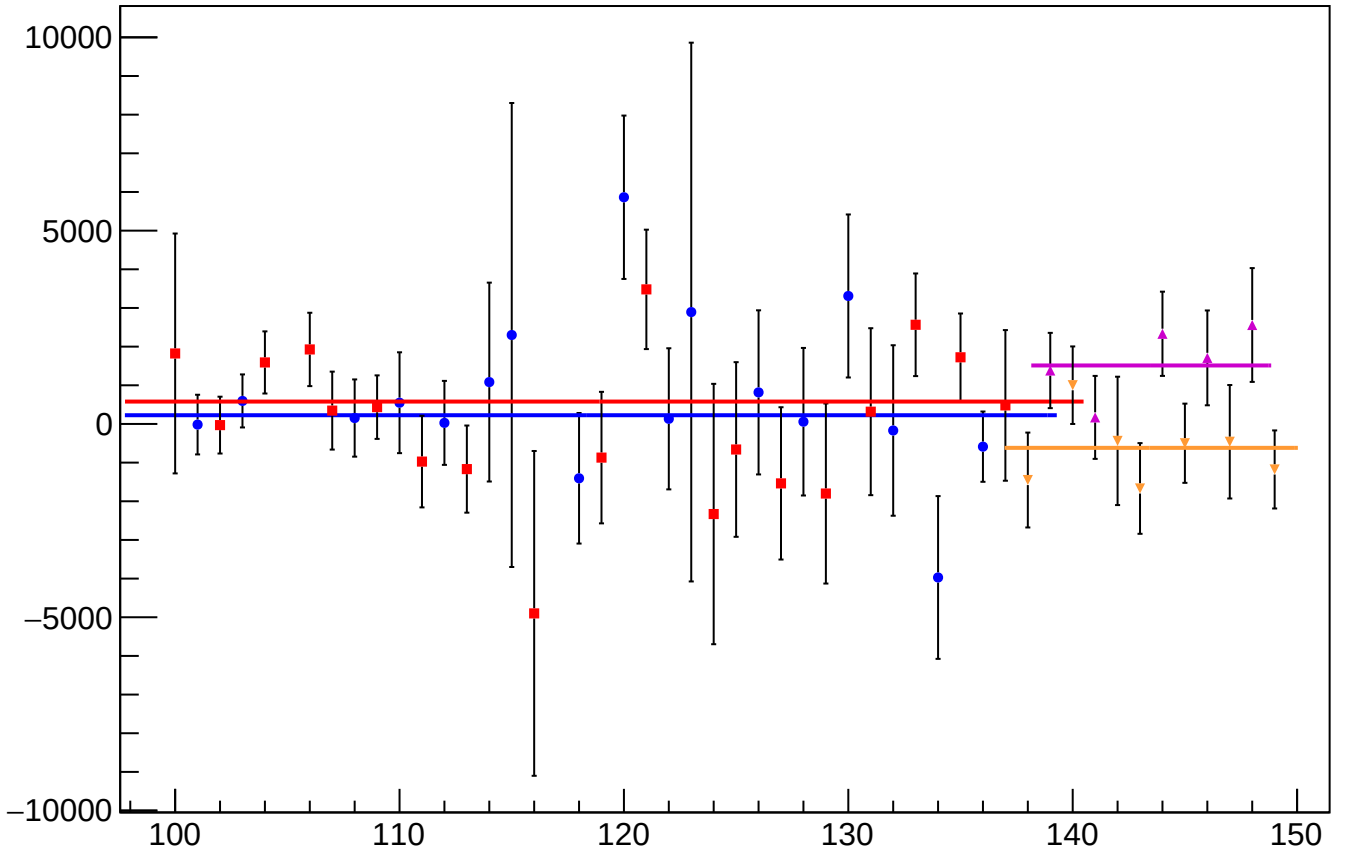
Left: 153.657+/-0.036 χ^2/NDF: 213737.9/11

Right: 109.523+/-0.022 χ^2/NDF: 1859790.1/35

In: 123.580+/-0.027 χ^2/NDF:1340883.0/21

Out: 119.298+/-0.025 χ^2/NDF:1820177.5/25

All: 121.258+/-0.019 χ^2/NDF: 3174234.5/47



Right In: 225.635+/-321.412 χ^2/NDF: 16.0/16

Left Out: -618.288+/-440.811 χ^2/NDF:4.2/6

Right Out: 579.018+/-289.235 χ^2/NDF: 21.1/18

Left In: 1512.822+/-506.853 χ^2/NDF:2.7/4

Left: 299.469+/-332.616 χ^2/NDF: 17.0/11

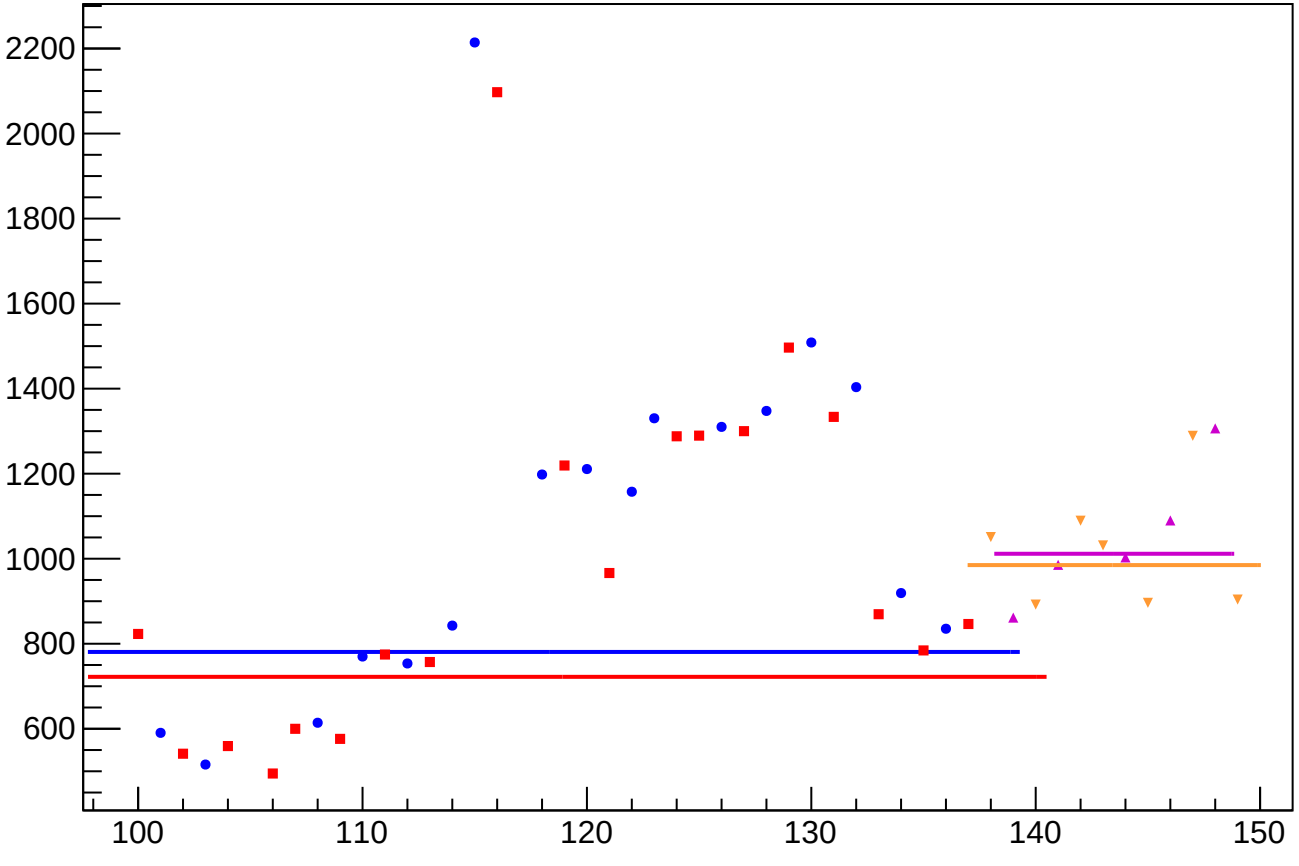
Right: 420.896+/-214.998 χ^2/NDF: 37.8/35

In: 594.795+/-271.437 χ^2/NDF:23.2/21

Out: 218.683+/-241.826 χ^2/NDF:30.5/25

All: 385.113+/-180.562 χ^2/NDF: 54.8/47

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF: 1609510.2/16

Left Out: 984.976+/-0.312 χ^2/NDF:147733.5/6

Right Out: 722.148+/-0.205 χ^2/NDF: 1628760.4/18

Left In: 1011.618+/-0.358 χ^2/NDF:137350.4/4

Left: 996.449+/-0.235 χ^2/NDF: 288230.0/11

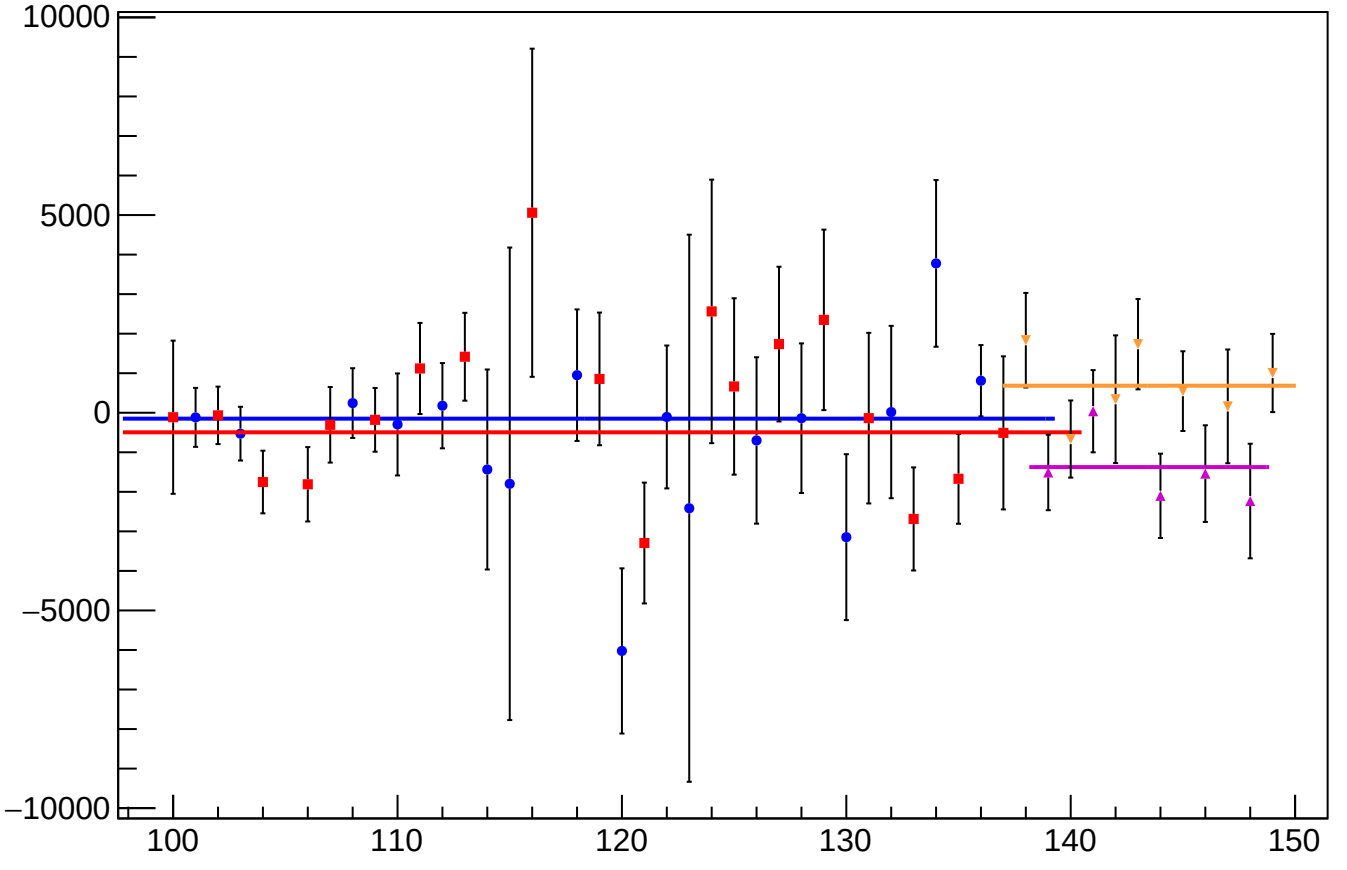
Right: 748.347+/-0.152 χ^2/NDF: 3274944.8/35

In: 846.926+/-0.192 χ^2/NDF:2042929.7/21

Out: 801.247+/-0.171 χ^2/NDF:2273513.2/25

All: 821.460+/-0.128 χ^2/NDF: 4348019.7/47

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF: 16.1/16

Left Out: 684.081+/-430.903 χ^2/NDF:4.0/6

Right Out: -494.856+/-282.721 χ^2/NDF: 23.7/18

Left In: -1374.237+/-496.951 χ^2/NDF:2.7/4

Left: -199.297+/-325.560 χ^2/NDF: 16.5/11

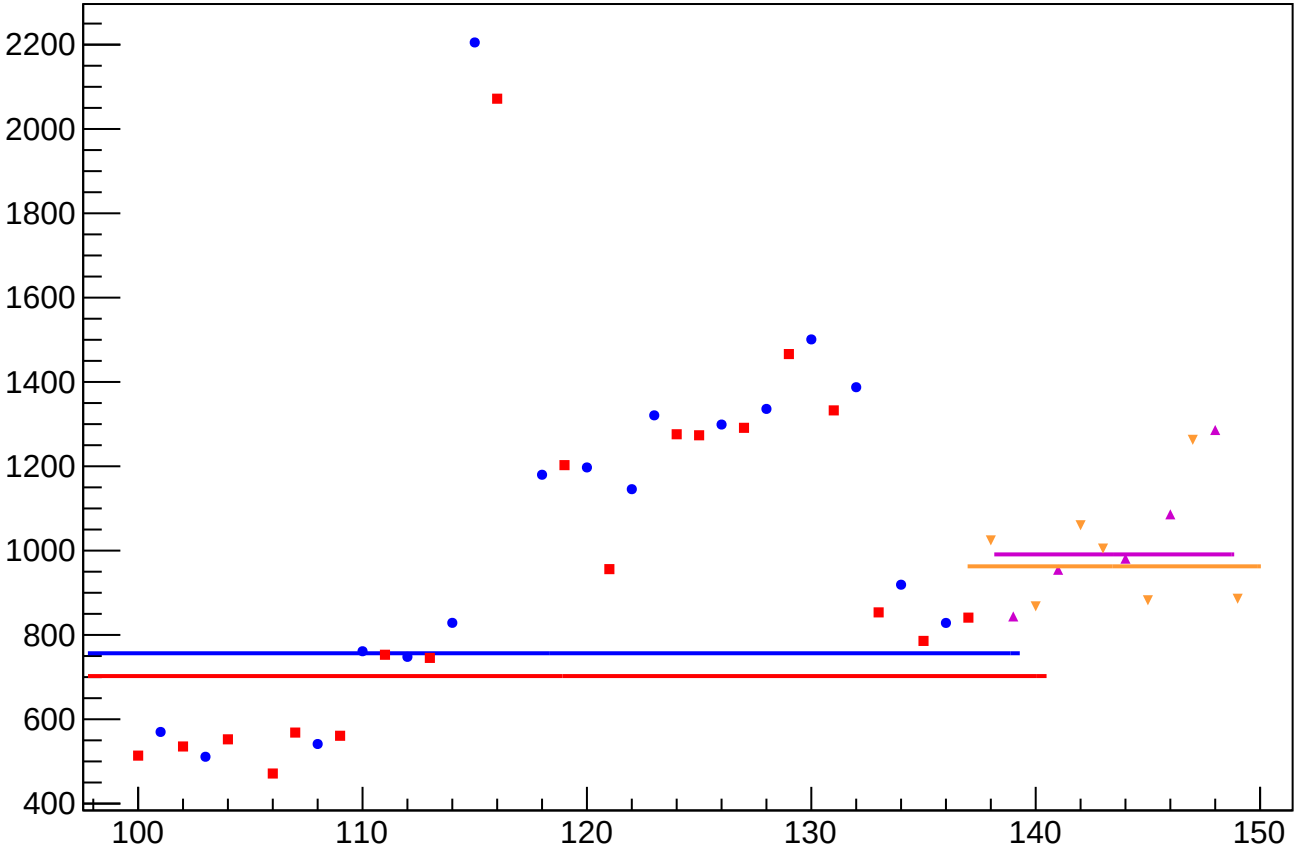
Right: -339.515+/-209.793 χ^2/NDF: 40.5/35

In: -497.057+/-264.823 χ^2/NDF:23.2/21

Out: -140.071+/-236.383 χ^2/NDF:32.9/25

All: -298.372+/-176.349 χ^2/NDF: 57.1/47

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF: 1713642.0/16

Left Out: 962.709+/-0.305 χ^2/NDF:145986.3/6

Right Out: 702.444+/-0.200 χ^2/NDF: 1689393.5/18

Left In: 991.017+/-0.351 χ^2/NDF:145202.6/4

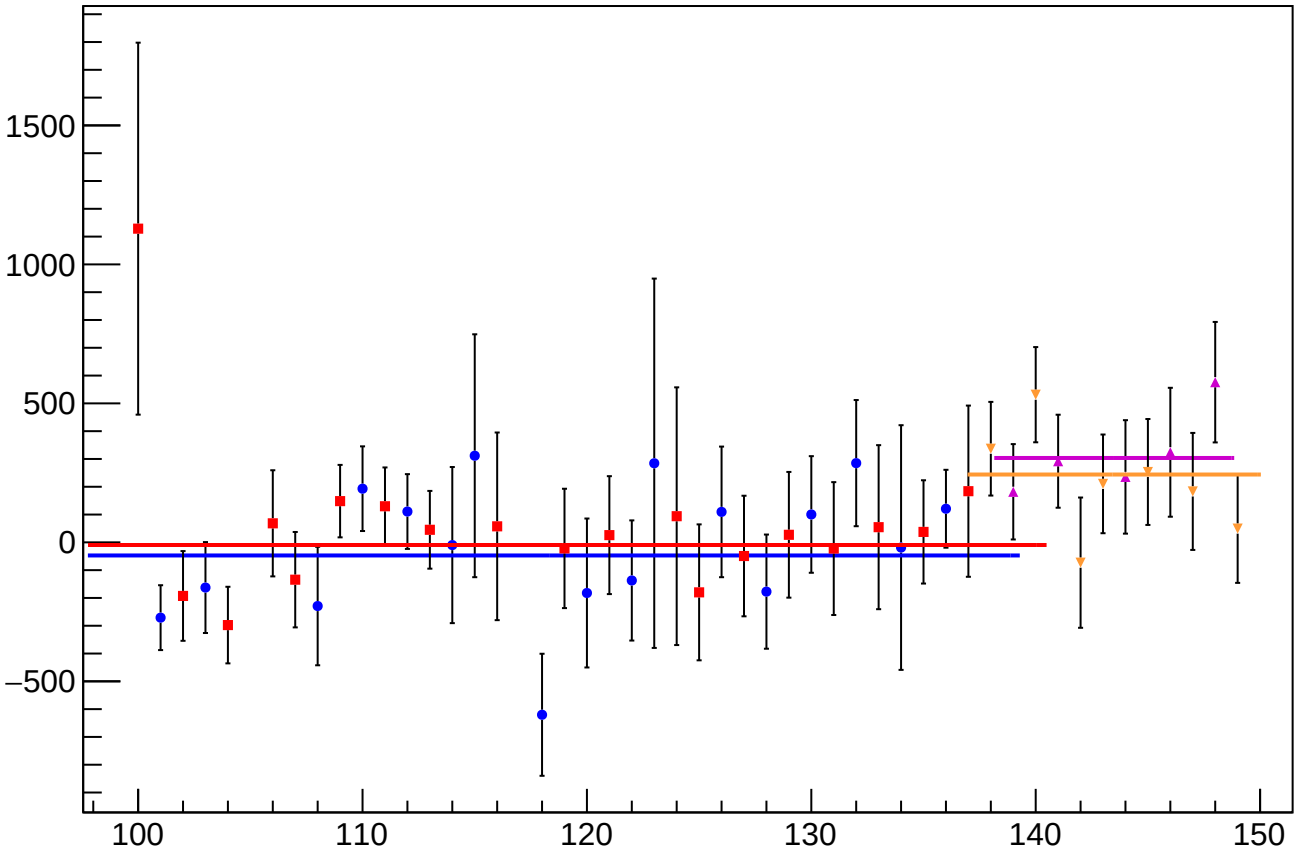
Left: 974.858+/-0.230 χ^2/NDF: 294893.2/11

Right: 726.752+/-0.148 χ^2/NDF: 3435937.4/35

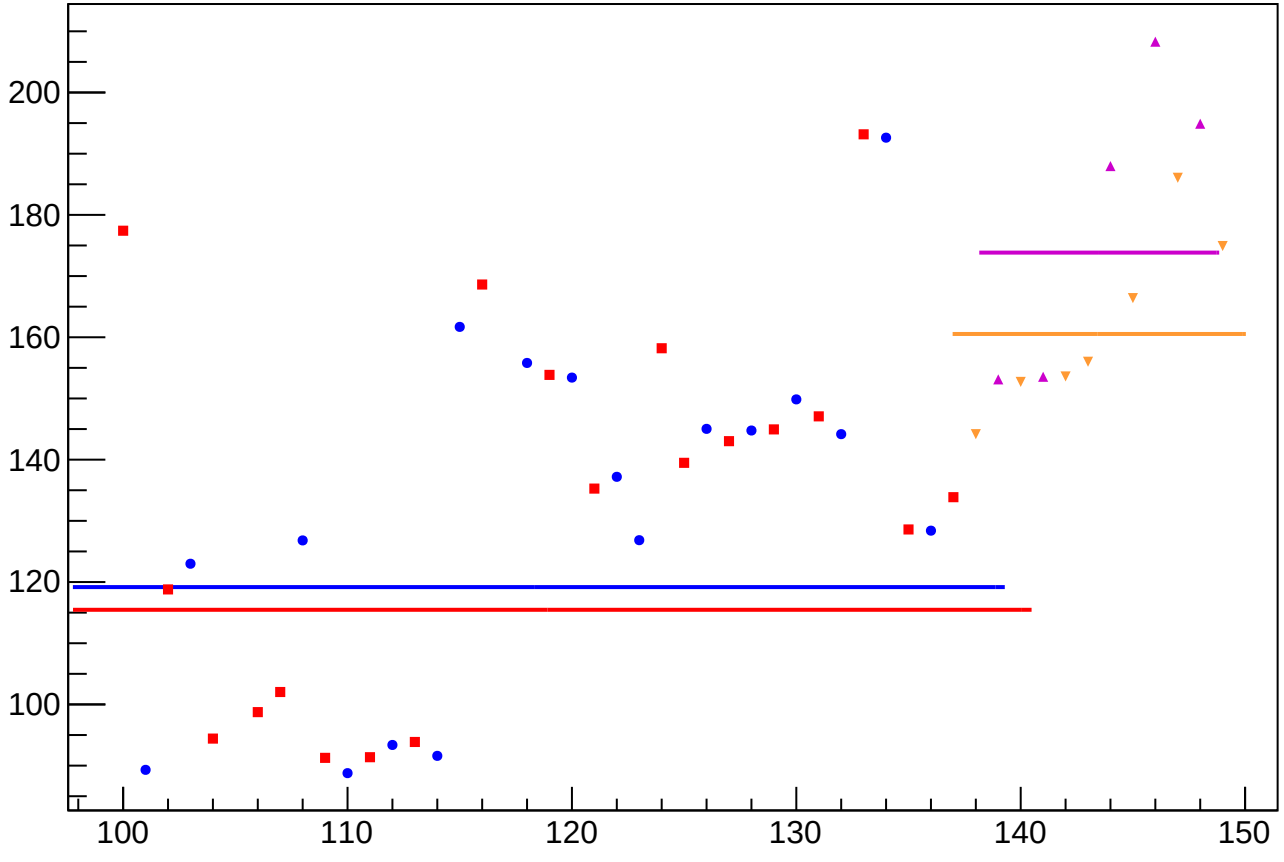
In: 823.125+/-0.187 χ^2/NDF:2177654.8/21

Out: 780.767+/-0.167 χ^2/NDF:2345437.4/25

All: 799.550+/-0.125 χ^2/NDF: 4551570.1/47


dit_asym_sam6_mean vs Slug, Sign Corrected
1500
1000
500
0
−500
100
110
120
130
140
150
Right In: -47.157+/-47.269 χ²/NDF: 21.9/16
Left Out: 244.038+/-71.506 χ²/NDF:6.1/6
Right Out: -9.507+/-44.749 χ²/NDF: 13.0/18
Left In: 303.565+/-86.513 χ²/NDF:2.2/4
Left: 268.199+/-55.116 χ²/NDF: 8.6/11
Right: -27.302+/-32.497 χ²/NDF: 35.3/35
In: 33.473+/-41.481 χ²/NDF:36.7/21
Out: 61.845+/-37.933 χ²/NDF:28.1/25
All: 48.924+/-27.993 χ²/NDF: 65.1/47

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF: 615304.2/16

Left Out: 160.539+/-0.051 χ^2/NDF:68276.6/6

Right Out: 115.466+/-0.032 χ^2/NDF: 692783.7/18

Left In: 173.835+/-0.061 χ^2/NDF:131265.5/4

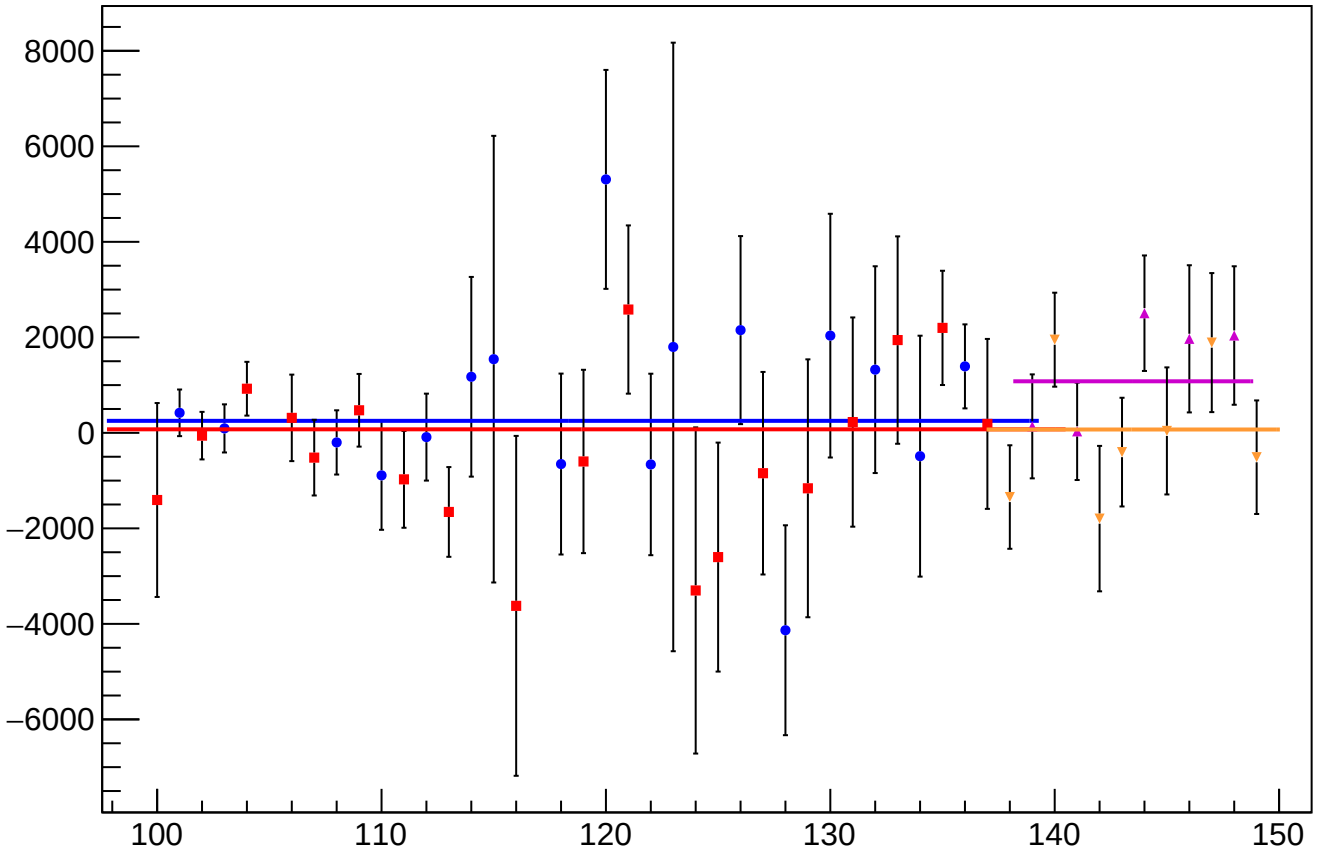
Left: 165.936+/-0.039 χ^2/NDF: 227608.2/11

Right: 117.219+/-0.023 χ^2/NDF: 1314582.7/35

In: 131.741+/-0.029 χ^2/NDF:1361401.7/21

Out: 128.150+/-0.027 χ^2/NDF:1332087.1/25

All: 129.786+/-0.020 χ^2/NDF: 2701651.4/47



Right In: 251.733+/-252.819 χ^2/NDF: 14.9/16

Left Out: 70.325+/-454.942 χ^2/NDF:8.8/6

Right Out: 74.126+/-243.967 χ^2/NDF: 18.0/18

Left In: 1079.798+/-543.371 χ^2/NDF:4.0/4

Left: 486.341+/-348.822 χ^2/NDF: 14.8/11

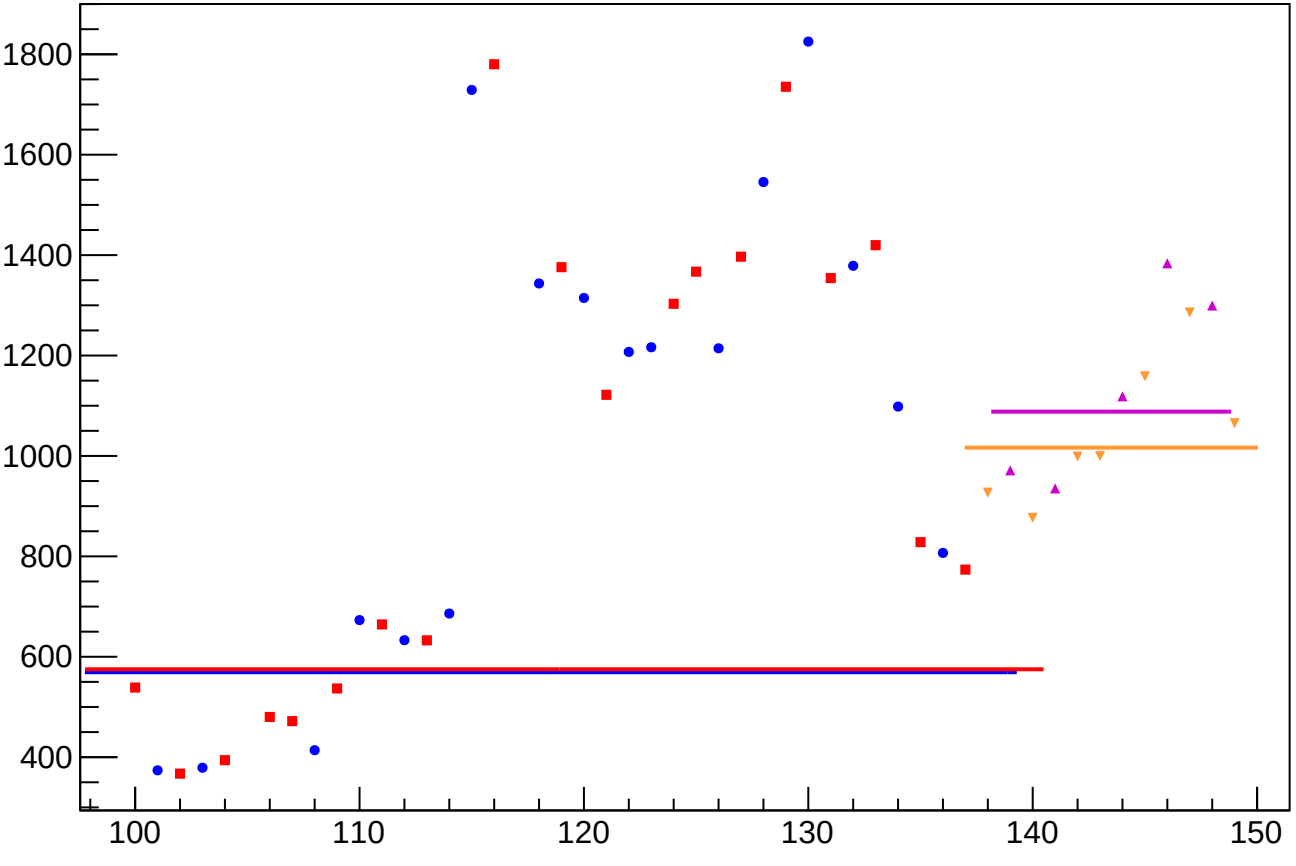
Right: 159.765+/-175.557 χ^2/NDF: 33.1/35

In: 399.095+/-229.222 χ^2/NDF:20.8/21

Out: 73.277+/-215.003 χ^2/NDF:26.8/25

All: 225.768+/-156.816 χ^2/NDF: 48.7/47

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF: 3267047.1/16

Left Out: 1016.564+/-0.322 χ^2/NDF:149374.3/6

Right Out: 575.051+/-0.173 χ^2/NDF: 3058923.3/18

Left In: 1088.254+/-0.384 χ^2/NDF:185382.8/4

Left: 1046.109+/-0.247 χ^2/NDF: 355223.8/11

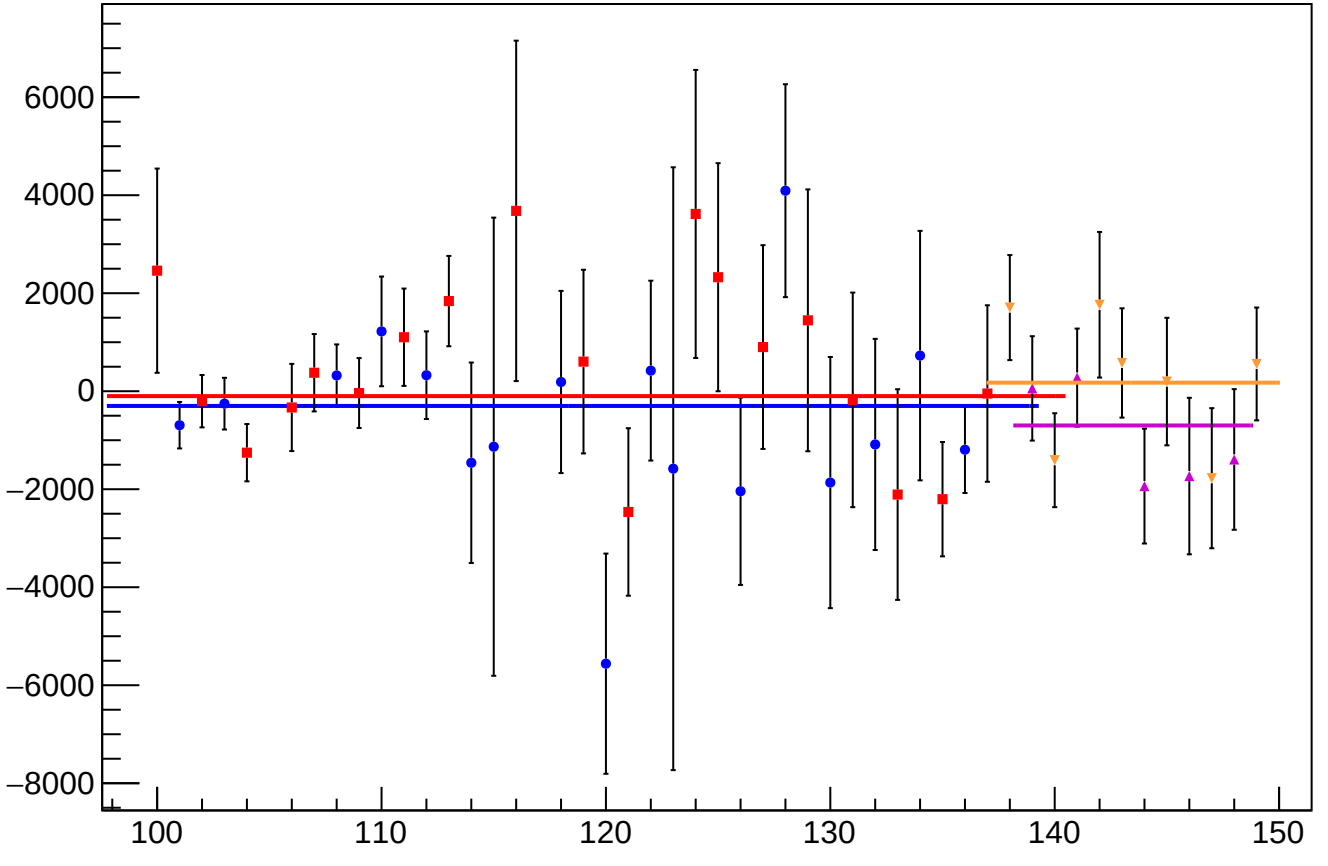
Right: 572.230+/-0.124 χ^2/NDF: 6326525.2/35

In: 661.570+/-0.162 χ^2/NDF:4952656.2/21

Out: 673.662+/-0.152 χ^2/NDF:4671256.3/25

All: 668.003+/-0.111 χ^2/NDF: 9626872.9/47

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF: 16.7/16

Left Out: 174.707+/-444.948 χ^2/NDF:8.0/6

Right Out: -99.947+/-245.961 χ^2/NDF: 22.4/18

Left In: -698.932+/-535.486 χ^2/NDF:3.2/4

Left: -182.119+/-342.224 χ^2/NDF: 12.8/11

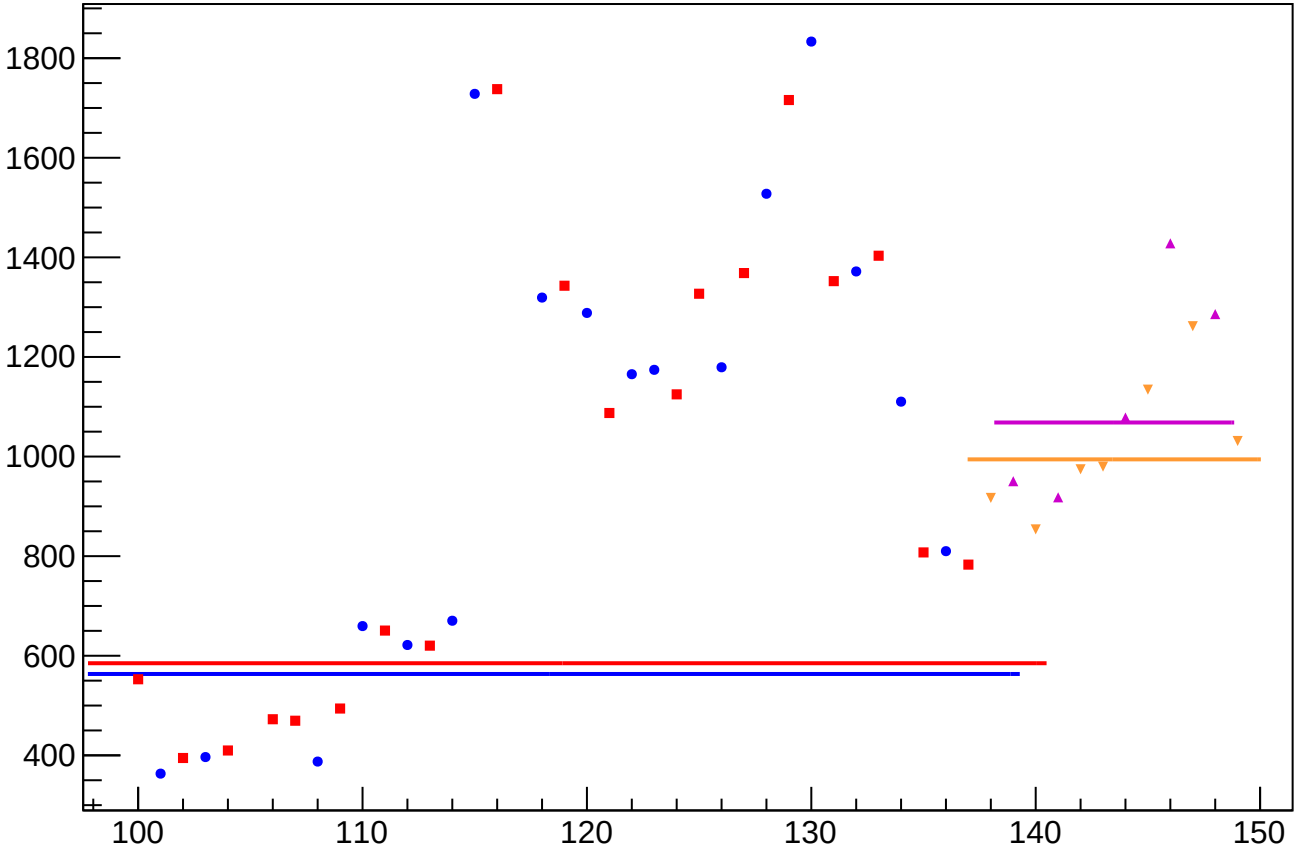
Right: -198.544+/-175.435 χ^2/NDF: 39.4/35

In: -372.069+/-226.753 χ^2/NDF:20.4/21

Out: -35.663+/-215.261 χ^2/NDF:30.7/25

All: -195.126+/-156.117 χ^2/NDF: 52.2/47

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF: 3259045.7/16

Left Out: 994.362+/-0.315 χ^2/NDF:149366.9/6

Right Out: 584.984+/-0.174 χ^2/NDF: 2818628.0/18

Left In: 1068.395+/-0.379 χ^2/NDF:217294.2/4

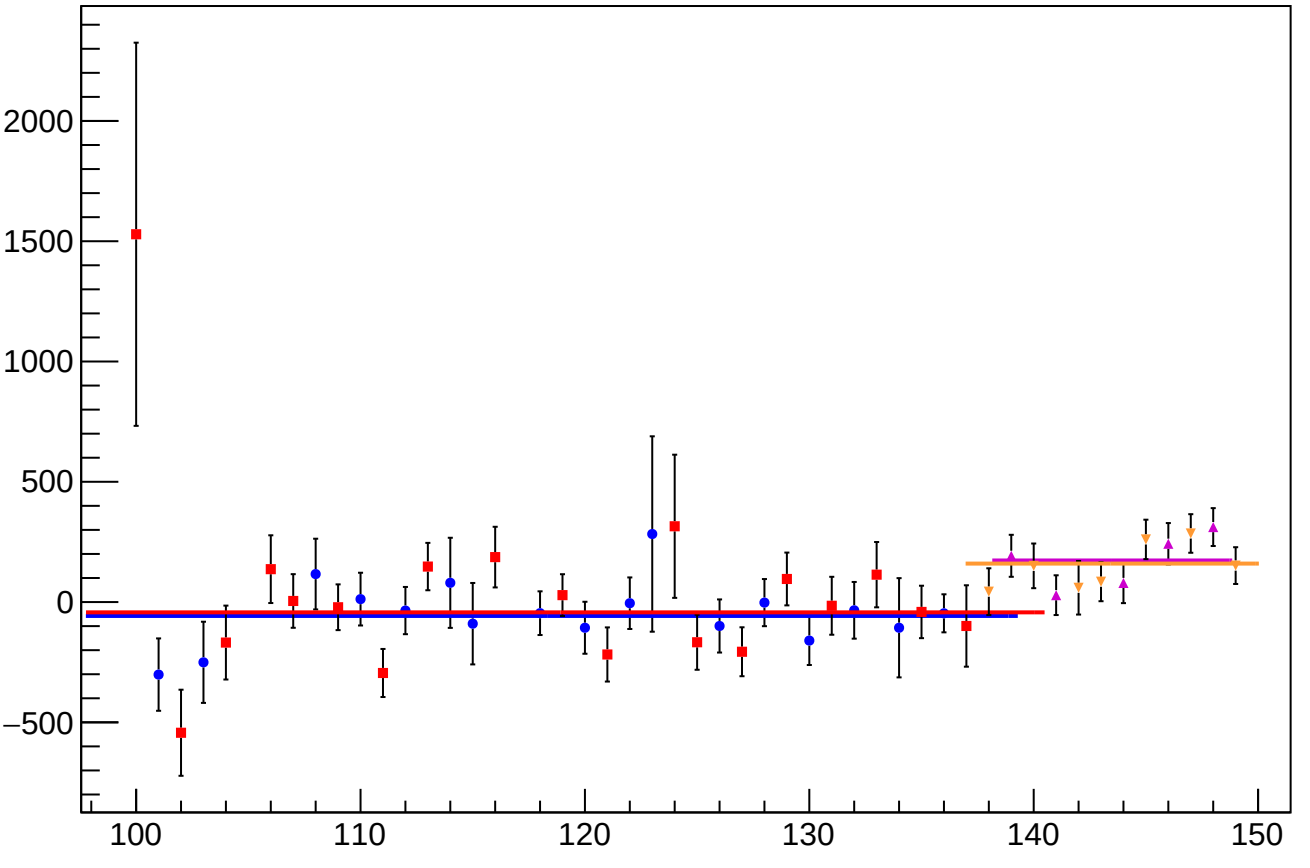
Left: 1024.600+/-0.242 χ^2/NDF: 389275.5/11

Right: 574.377+/-0.124 χ^2/NDF: 6085244.2/35

In: 653.947+/-0.160 χ^2/NDF:4936154.7/21

Out: 680.800+/-0.152 χ^2/NDF:4264760.6/25

All: 668.071+/-0.110 χ^2/NDF: 9215668.2/47



Right In: -57.709+/-28.693 χ^2/NDF: 9.1/16

Left Out: 159.944+/-32.790 χ^2/NDF:7.1/6

Right Out: -42.790+/-27.694 χ^2/NDF: 39.1/18

Left In: 172.835+/-37.369 χ^2/NDF:8.1/4

Left: 165.552+/-24.647 χ^2/NDF: 15.2/11

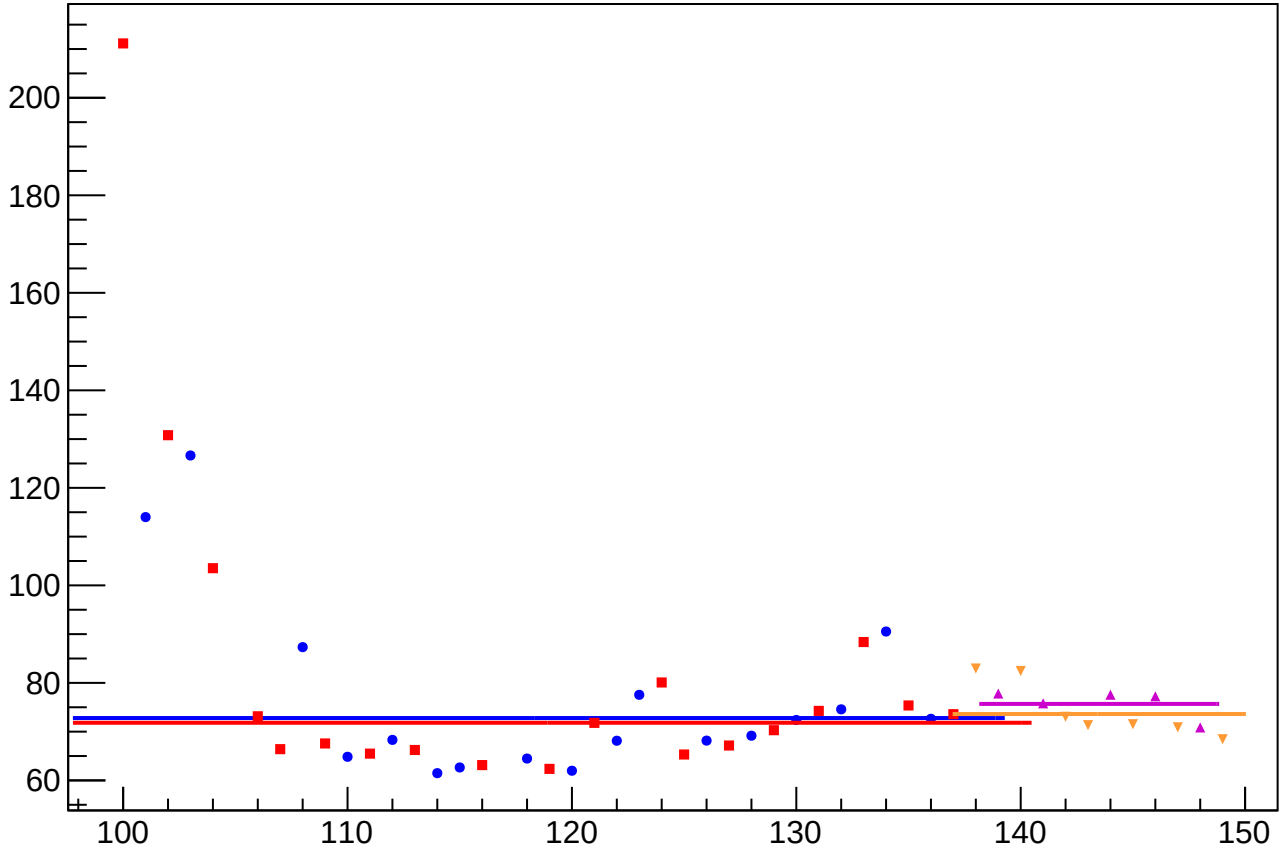
Right: -49.985+/-19.927 χ^2/NDF: 48.4/35

In: 27.801+/-22.758 χ^2/NDF:41.2/21

Out: 41.617+/-21.158 χ^2/NDF:68.5/25

All: 35.212+/-15.496 χ^2/NDF: 109.8/47

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF: 464772.9/16

Left Out: 73.614+/-0.023 χ^2/NDF:50959.4/6

Right Out: 71.824+/-0.020 χ^2/NDF: 465654.1/18

Left In: 75.689+/-0.026 χ^2/NDF:10371.7/4

Left: 74.516+/-0.017 χ^2/NDF: 64814.9/11

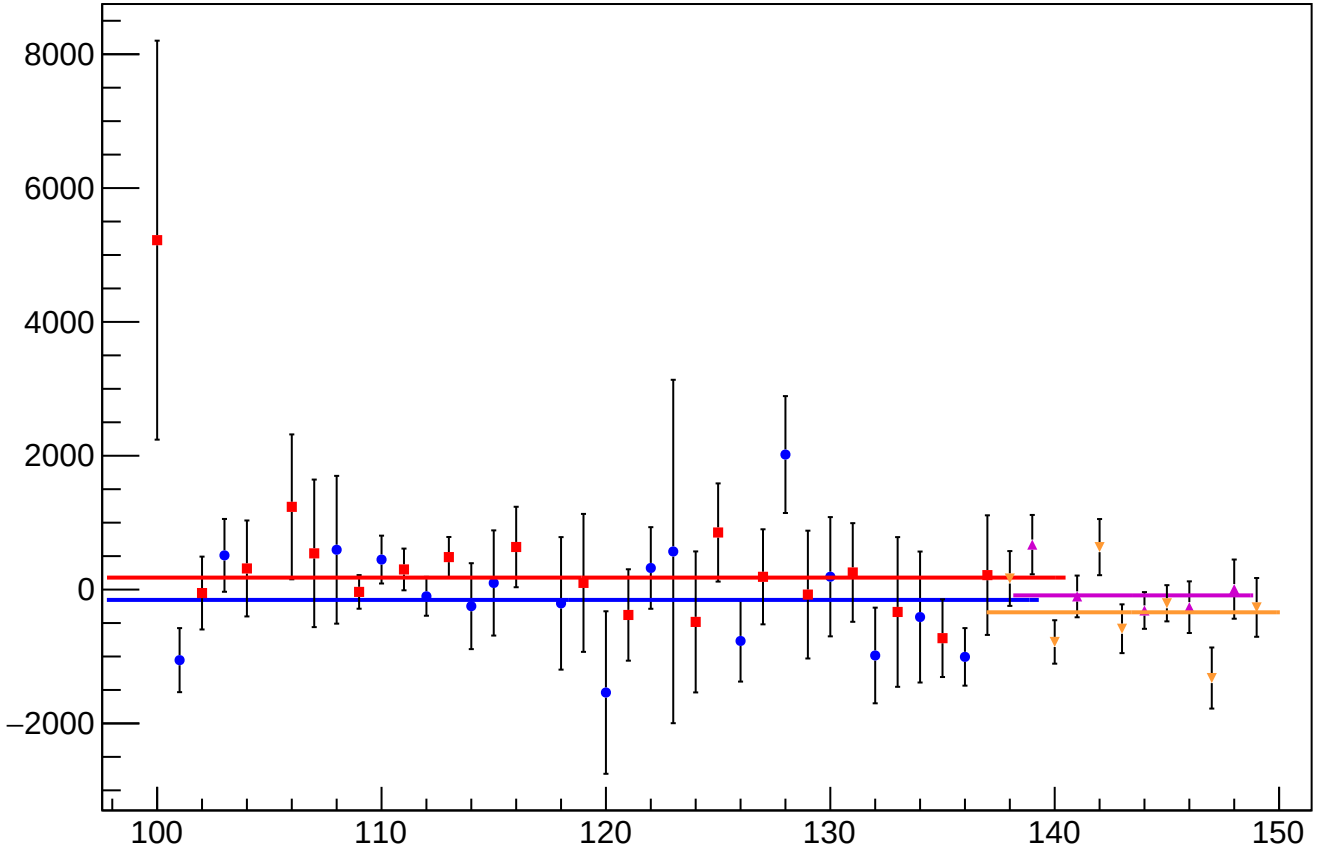
Right: 72.290+/-0.014 χ^2/NDF: 931600.5/35

In: 73.865+/-0.016 χ^2/NDF:482716.8/21

Out: 72.569+/-0.015 χ^2/NDF:520092.3/25

All: 73.170+/-0.011 χ^2/NDF: 1006287.7/47

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF: 23.2/16

Left Out: -339.424+/-138.264 χ^2/NDF:14.1/6

Right Out: 179.068+/-126.107 χ^2/NDF: 11.3/18

Left In: -86.686+/-157.148 χ^2/NDF:3.9/4

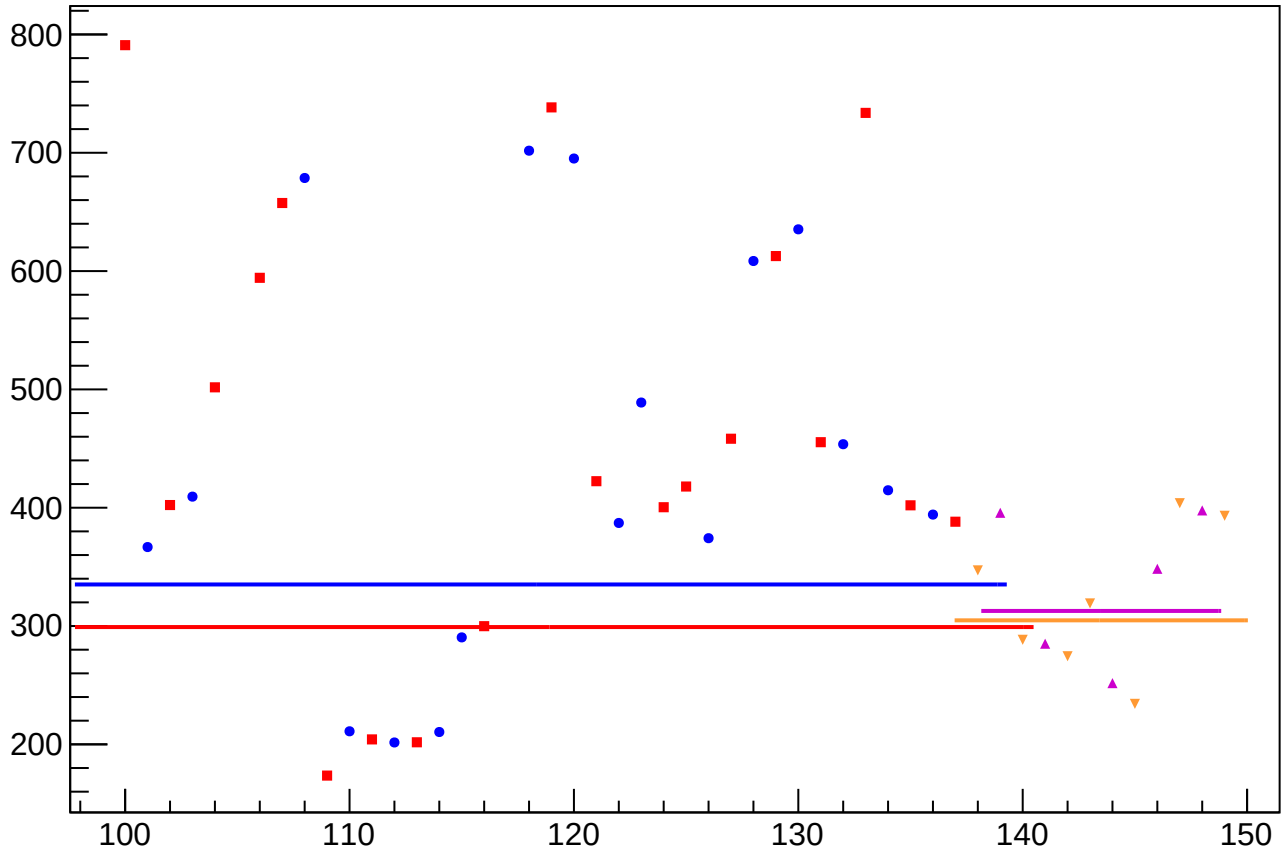
Left: -229.146+/-103.805 χ^2/NDF: 19.5/11

Right: 30.517+/-93.908 χ^2/NDF: 37.6/35

In: -124.273+/-104.825 χ^2/NDF:27.1/21

Out: -56.387+/-93.173 χ^2/NDF:33.1/25

All: -86.349+/-69.640 χ^2/NDF: 60.5/47



Right In: 335.134+/-0.099 χ^2/NDF: 1994045.2/16

Left Out: 304.812+/-0.098 χ^2/NDF:351178.4/6

Right Out: 299.135+/-0.089 χ^2/NDF: 2831089.8/18

Left In: 312.759+/-0.111 χ^2/NDF:275596.3/4

Left: 308.280+/-0.073 χ^2/NDF: 629657.9/11

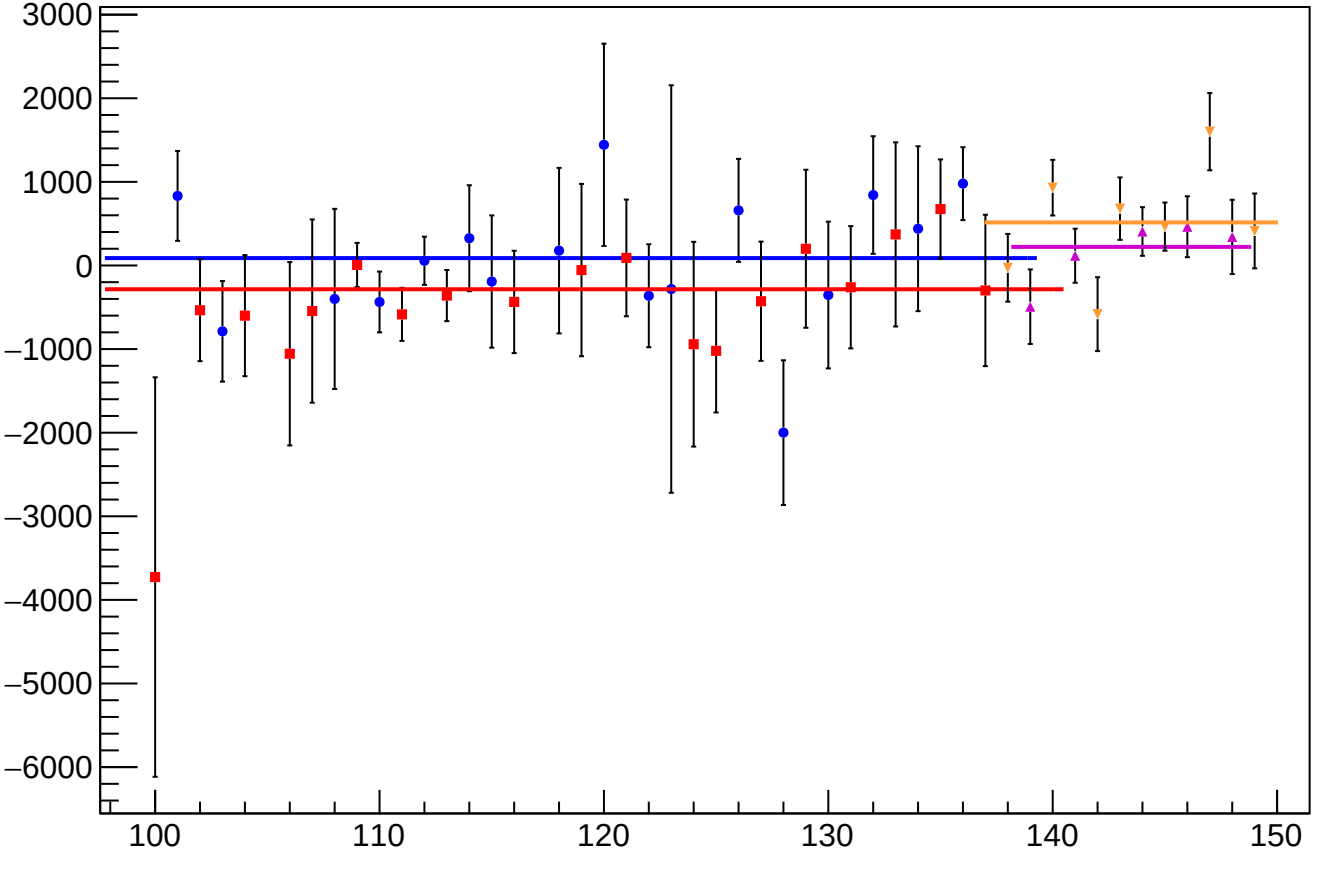
Right: 315.172+/-0.066 χ^2/NDF: 4897737.2/35

In: 325.179+/-0.074 χ^2/NDF:2292146.4/21

Out: 301.713+/-0.066 χ^2/NDF:3184108.6/25

All: 312.070+/-0.049 χ^2/NDF: 5532243.5/47

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF: 20.8/16

Left Out: 514.577+/-142.665 χ^2/NDF:15.3/6

Right Out: -284.510+/-129.675 χ^2/NDF: 10.1/18

Left In: 222.128+/-160.122 χ^2/NDF:3.6/4

Left: 385.158+/-106.518 χ^2/NDF: 20.8/11

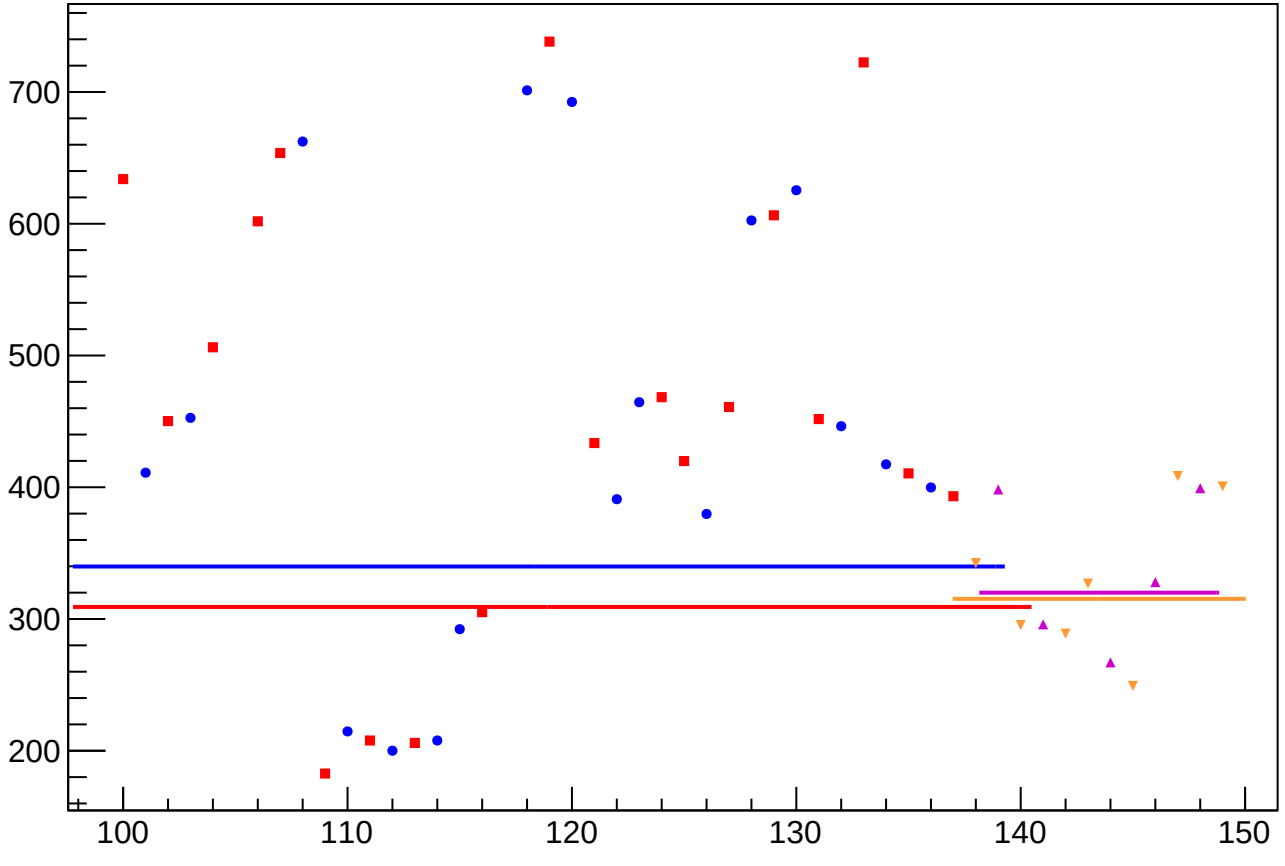
Right: -116.387+/-96.066 χ^2/NDF: 34.7/35

In: 147.584+/-106.665 χ^2/NDF:24.8/21

Out: 77.006+/-95.958 χ^2/NDF:42.6/25

All: 108.576+/-71.339 χ^2/NDF: 67.6/47

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF: 2043522.4/16

Left Out: 315.316+/-0.101 χ^2/NDF:284331.9/6

Right Out: 309.158+/-0.092 χ^2/NDF: 2735887.4/18

Left In: 319.999+/-0.113 χ^2/NDF:203710.1/4

Left: 317.388+/-0.075 χ^2/NDF: 488995.5/11

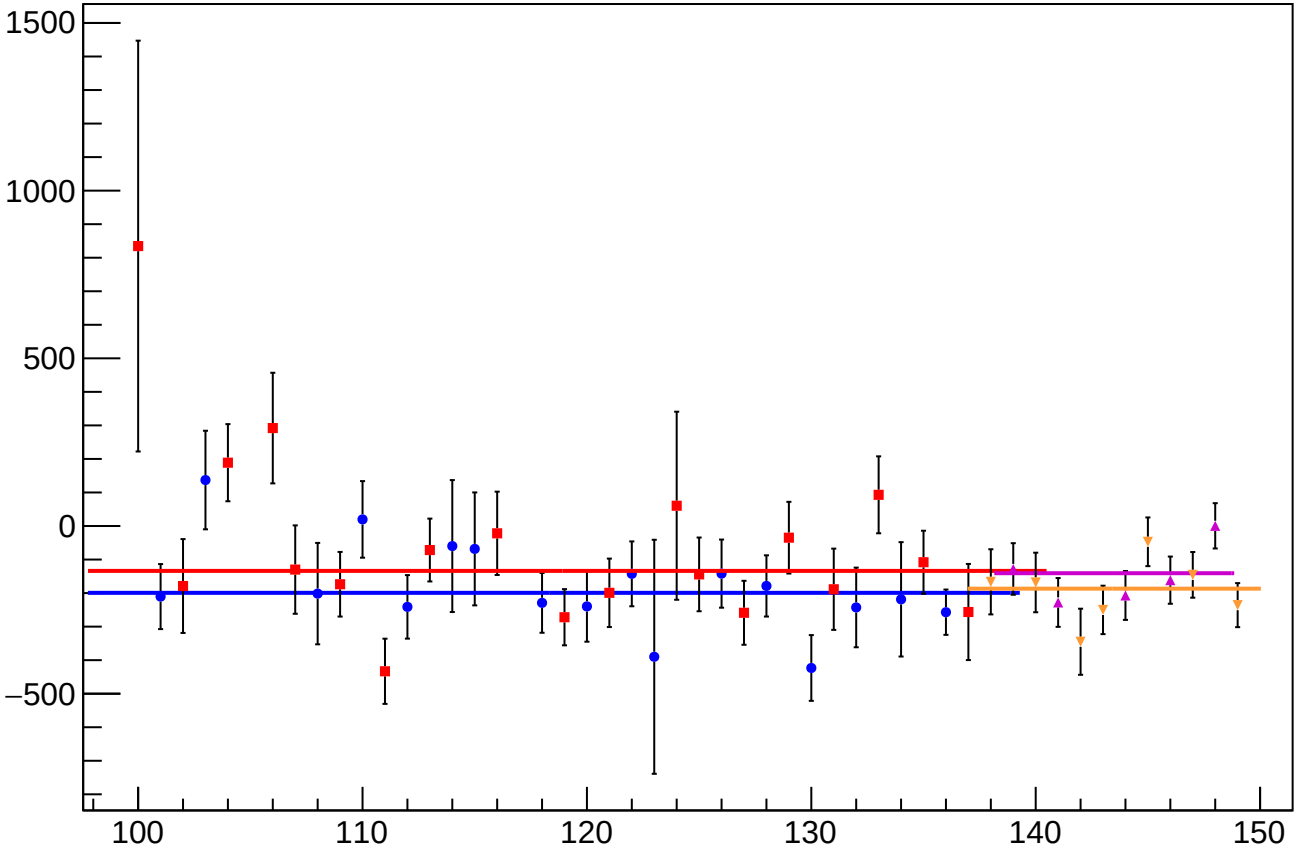
Right: 323.006+/-0.068 χ^2/NDF: 4829958.1/35

In: 331.041+/-0.075 χ^2/NDF:2264331.1/21

Out: 311.944+/-0.068 χ^2/NDF:3022259.7/25

All: 320.486+/-0.050 χ^2/NDF: 5322021.0/47

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252+/-26.515 χ^2/NDF: 17.6/16

Left Out: -186.783+/-29.298 χ^2/NDF:8.1/6

Right Out: -133.844+/-26.228 χ^2/NDF: 39.2/18

Left In: -140.729+/-32.145 χ^2/NDF:6.8/4

Left: -165.885+/-21.653 χ^2/NDF: 15.9/11

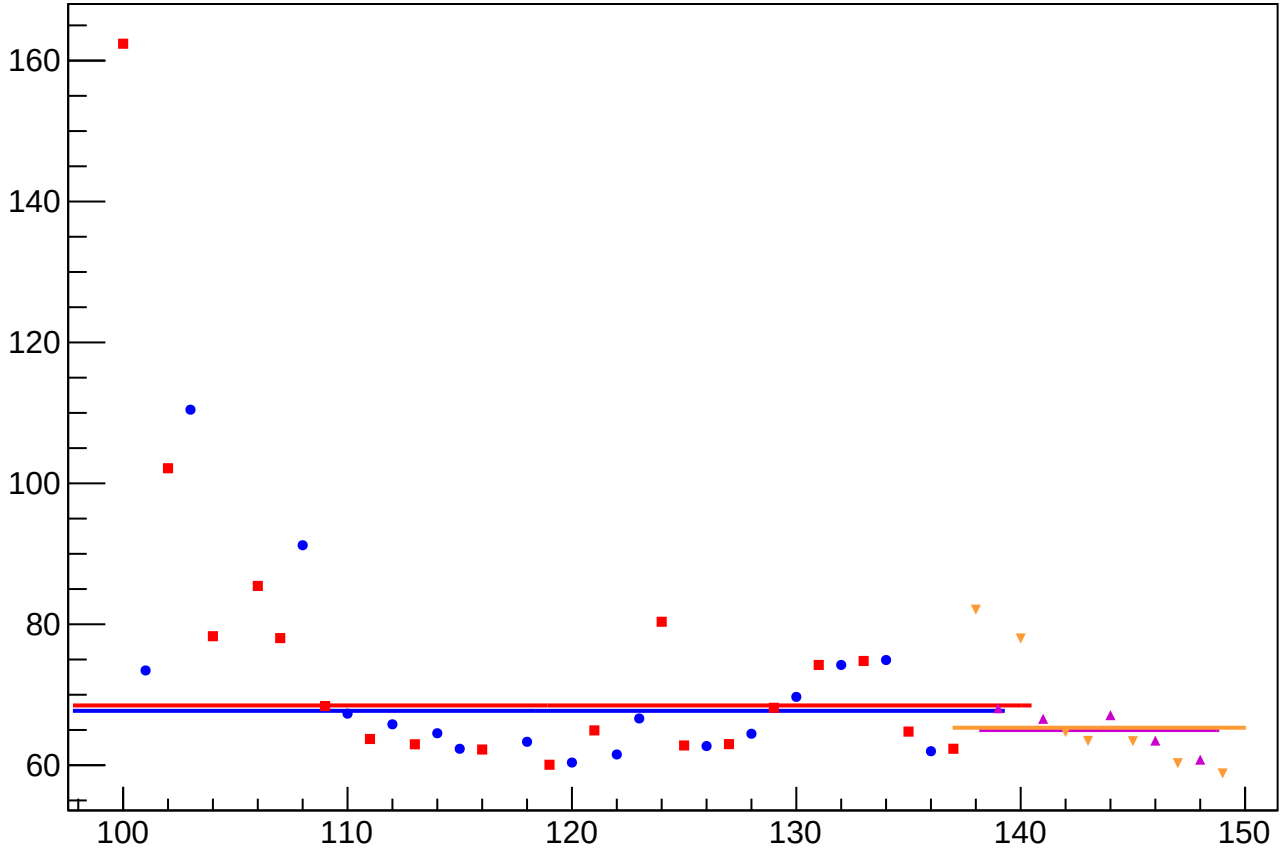
Right: -166.192+/-18.647 χ^2/NDF: 59.8/35

In: -175.556+/-20.454 χ^2/NDF:26.3/21

Out: -157.396+/-19.542 χ^2/NDF:49.0/25

All: -166.061+/-14.130 χ^2/NDF: 75.8/47

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF: 282892.5/16

Left Out: 65.319+/-0.021 χ^2/NDF:133512.7/6

Right Out: 68.481+/-0.019 χ^2/NDF: 281423.4/18

Left In: 64.988+/-0.023 χ^2/NDF:14532.5/4

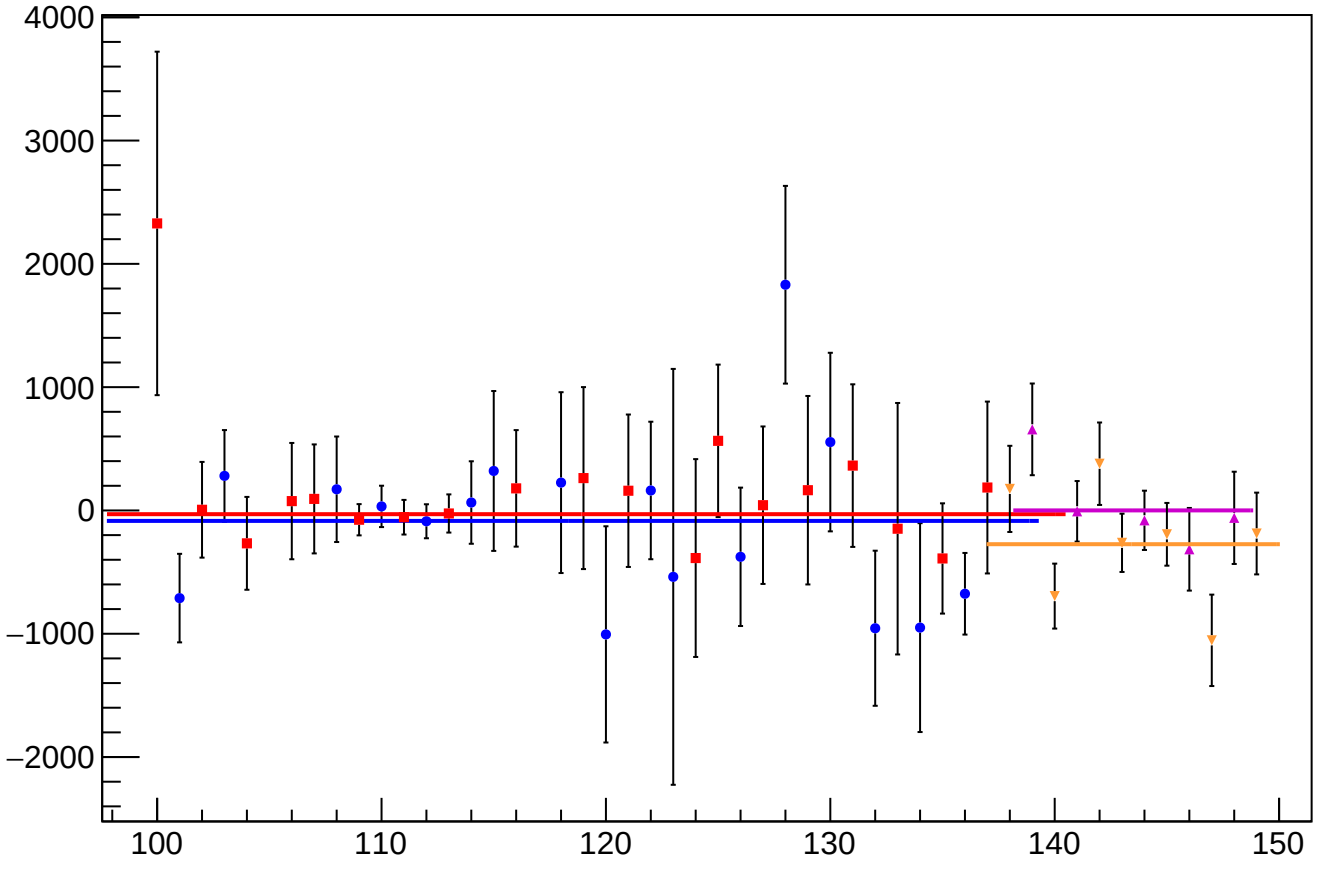
Left: 65.169+/-0.015 χ^2/NDF: 148161.1/11

Right: 68.102+/-0.013 χ^2/NDF: 565158.7/35

In: 66.611+/-0.014 χ^2/NDF:305995.3/21

Out: 67.074+/-0.014 χ^2/NDF:427869.8/25

All: 66.853+/-0.010 χ^2/NDF: 734401.4/47



Right In: -84.759+/-82.667 χ^2/NDF: 19.9/16

Left Out: -273.694+/-110.916 χ^2/NDF:12.6/6

Right Out: -30.219+/-69.663 χ^2/NDF: 6.3/18

Left In: 0.407+/-132.264 χ^2/NDF:4.1/4

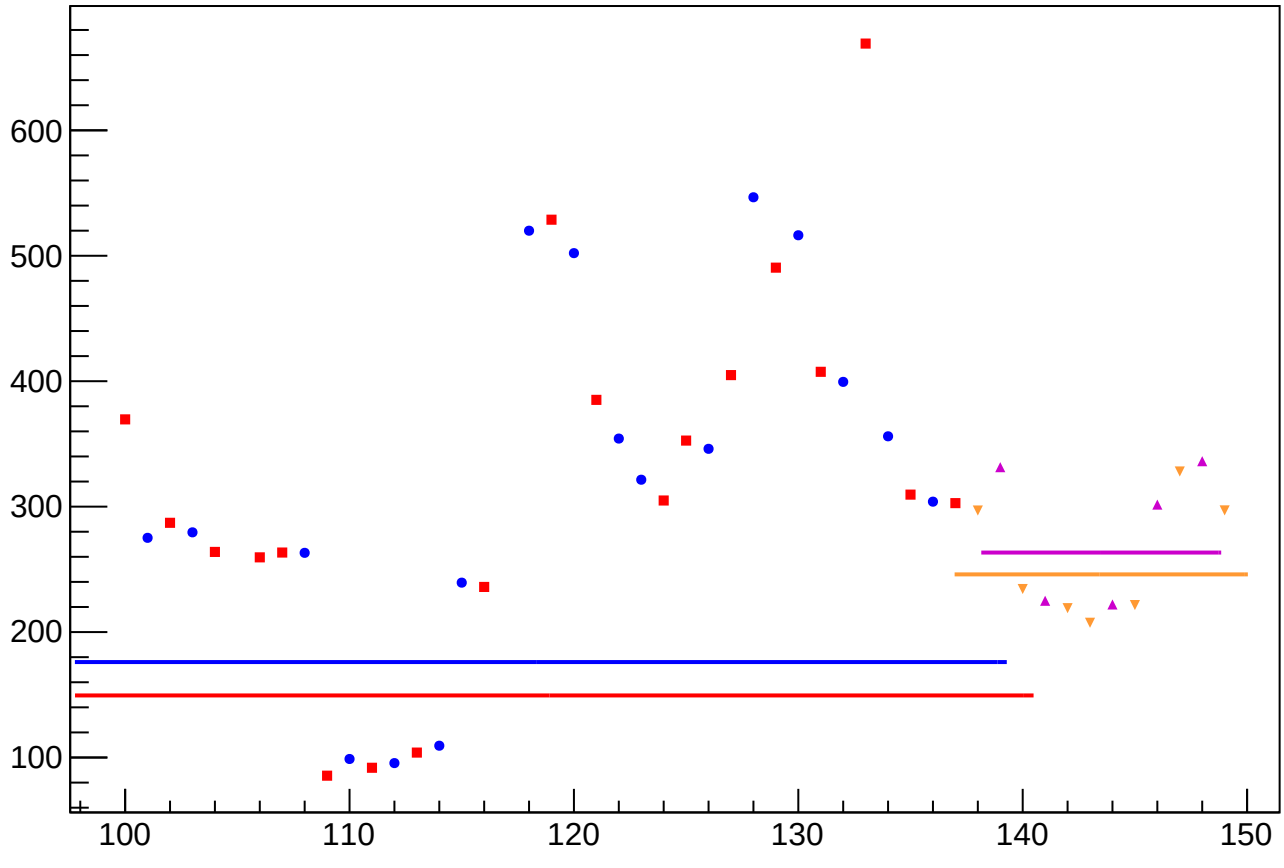
Left: -160.522+/-84.988 χ^2/NDF: 19.3/11

Right: -52.867+/-53.271 χ^2/NDF: 26.5/35

In: -60.835+/-70.101 χ^2/NDF:24.3/21

Out: -99.094+/-58.992 χ^2/NDF:22.4/25

All: -83.232+/-45.137 χ^2/NDF: 46.9/47



Right In: 176.096+/-0.058 χ^2/NDF: 4223651.6/16

Left Out: 245.993+/-0.078 χ^2/NDF:276398.2/6

Right Out: 149.484+/-0.049 χ^2/NDF: 4820971.0/18

Left In: 263.393+/-0.094 χ^2/NDF:277088.4/4

Left: 253.177+/-0.060 χ^2/NDF: 573808.8/11

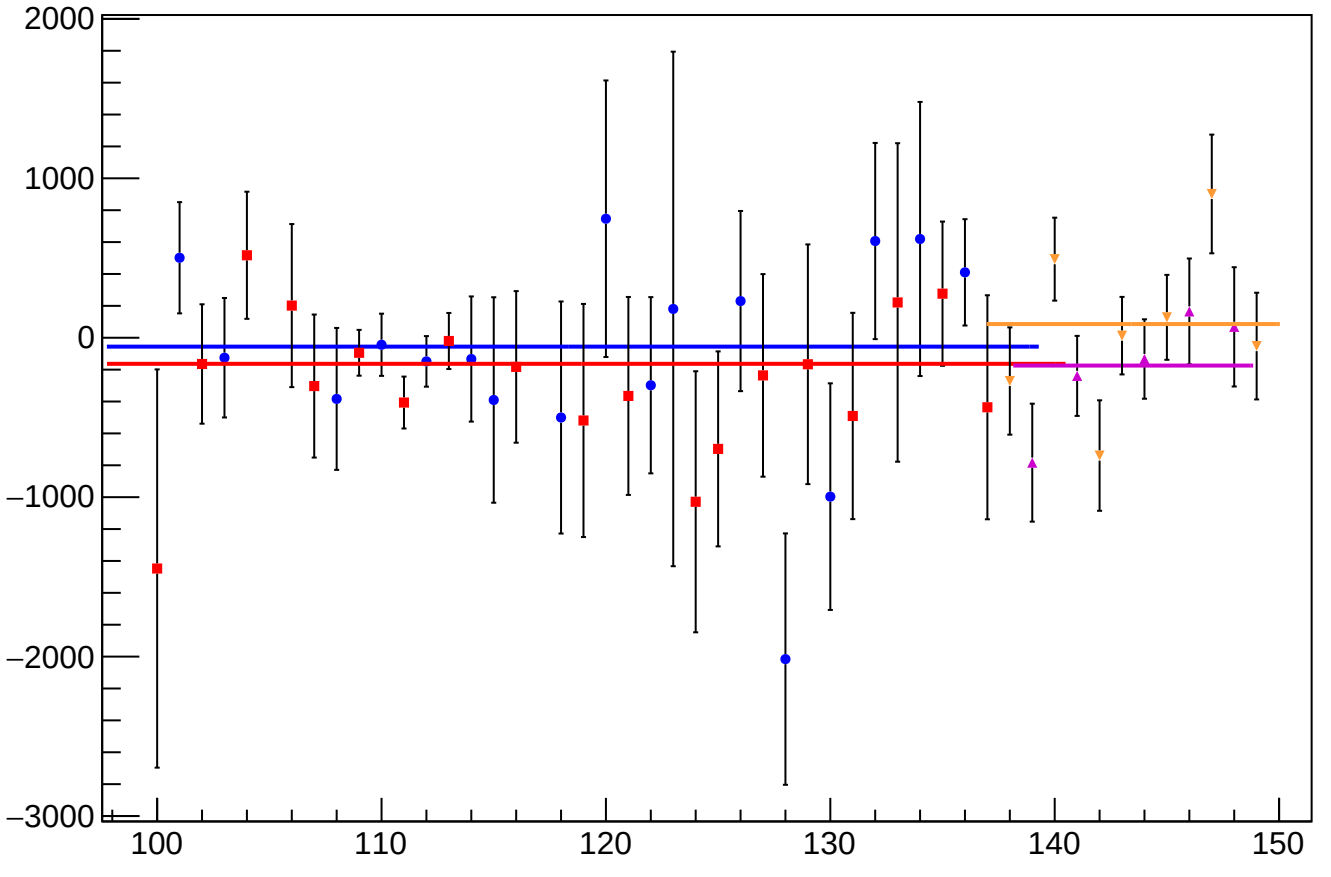
Right: 160.534+/-0.038 χ^2/NDF: 9165825.3/35

In: 200.619+/-0.050 χ^2/NDF:5127242.0/21

Out: 176.784+/-0.042 χ^2/NDF:6183220.5/25

All: 186.666+/-0.032 χ^2/NDF: 11445813.2/47

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF: 17.1/16

Left Out: 85.908+/-112.442 χ^2/NDF:14.3/6

Right Out: -163.564+/-76.926 χ^2/NDF: 11.4/18

Left In: -174.480+/-134.199 χ^2/NDF:4.3/4

Left: -21.494+/-86.187 χ^2/NDF: 20.8/11

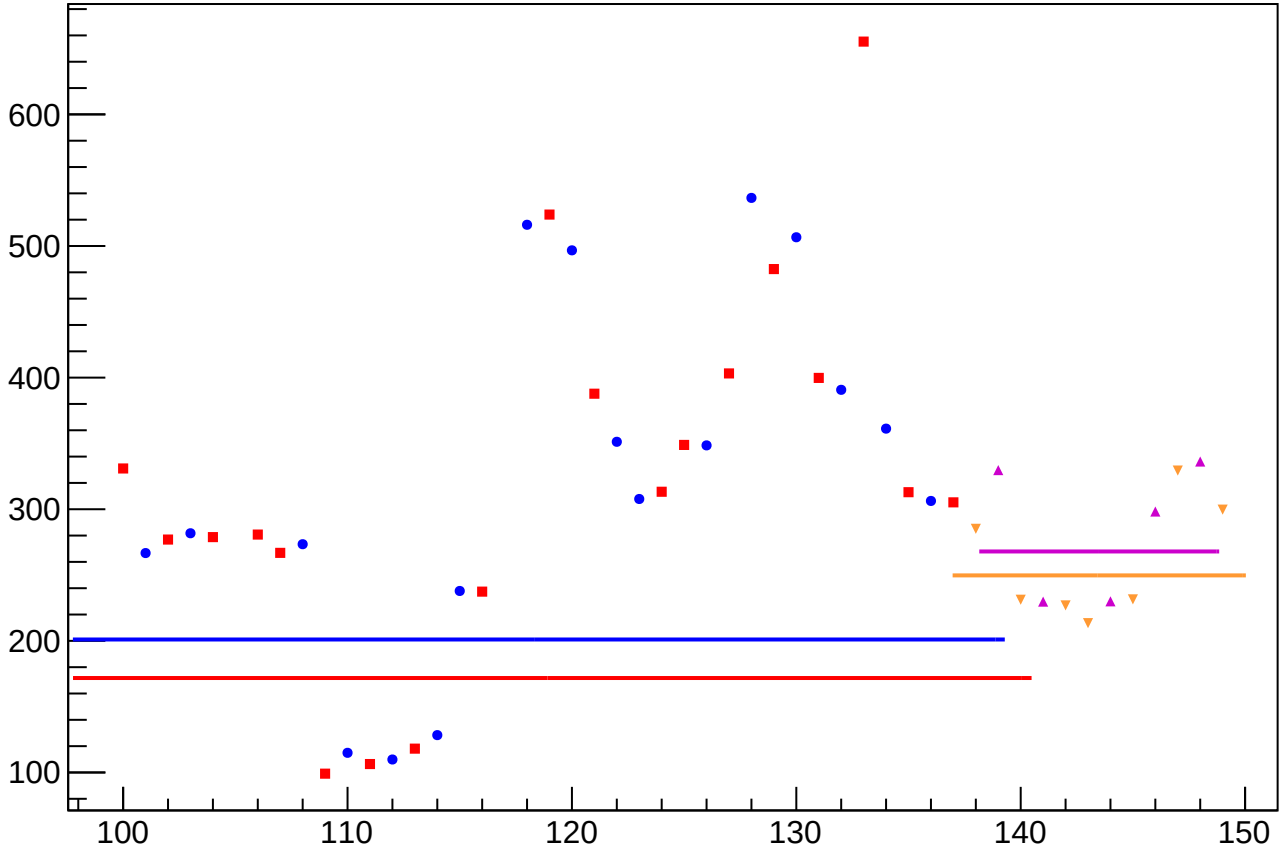
Right: -118.372+/-58.632 χ^2/NDF: 29.4/35

In: -92.889+/-75.074 χ^2/NDF:22.0/21

Out: -84.027+/-63.490 χ^2/NDF:29.1/25

All: -87.722+/-48.478 χ^2/NDF: 51.1/47

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF: 3433026.4/16

Left Out: 249.738+/-0.080 χ^2/NDF:230921.7/6

Right Out: 171.765+/-0.054 χ^2/NDF: 4098218.1/18

Left In: 267.917+/-0.095 χ^2/NDF:231673.0/4

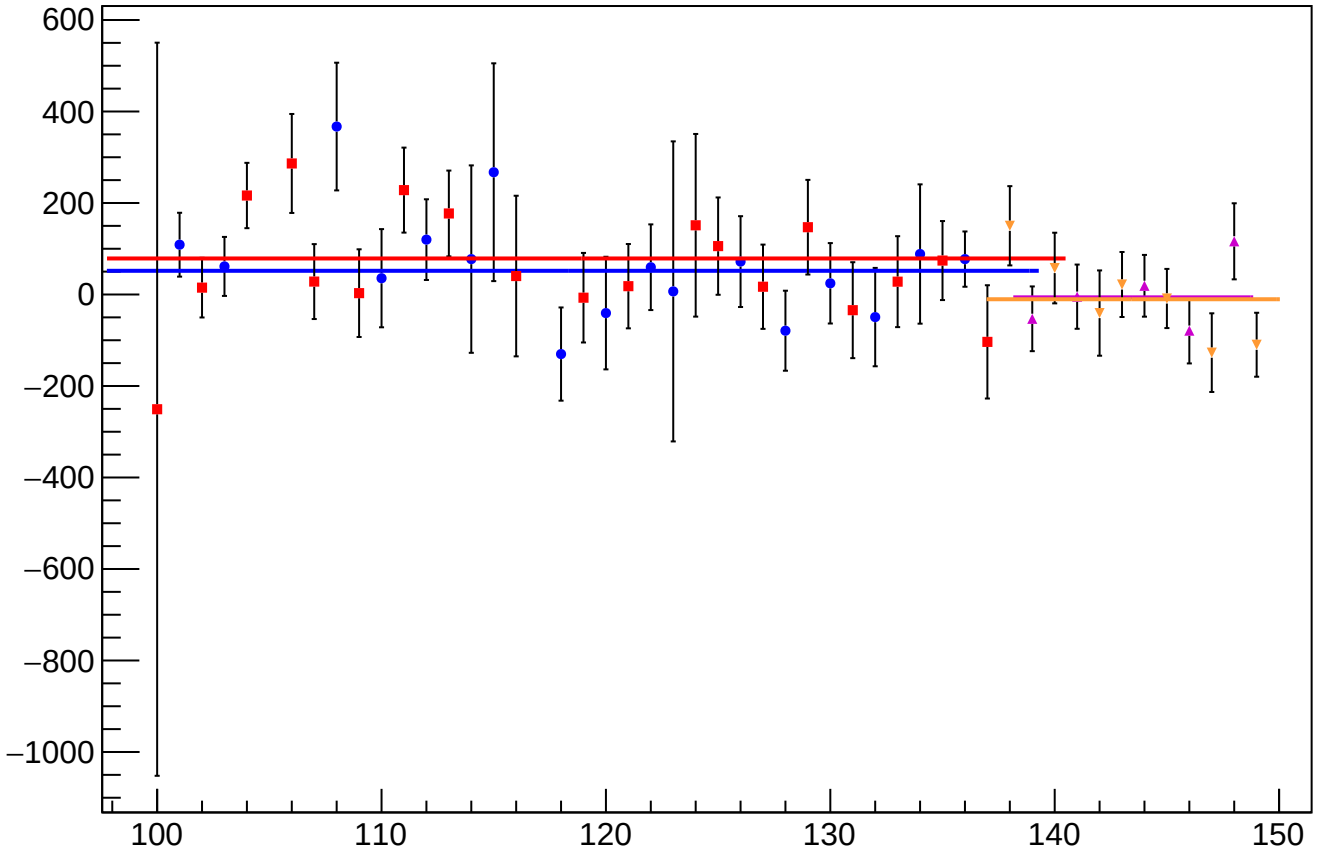
Left: 257.237+/-0.061 χ^2/NDF: 484157.0/11

Right: 184.032+/-0.041 χ^2/NDF: 7652597.2/35

In: 221.967+/-0.053 χ^2/NDF:4005989.0/21

Out: 196.625+/-0.045 χ^2/NDF:4984268.0/25

All: 207.192+/-0.034 χ^2/NDF: 9123125.4/47



Right In: 51.799+/-23.538 χ^2/NDF: 14.5/16

Left Out: -10.379+/-28.950 χ^2/NDF:8.4/6

Right Out: 78.749+/-22.490 χ^2/NDF: 19.1/18

Left In: -6.213+/-32.246 χ^2/NDF:3.8/4

Left: -8.520+/-21.542 χ^2/NDF: 12.2/11

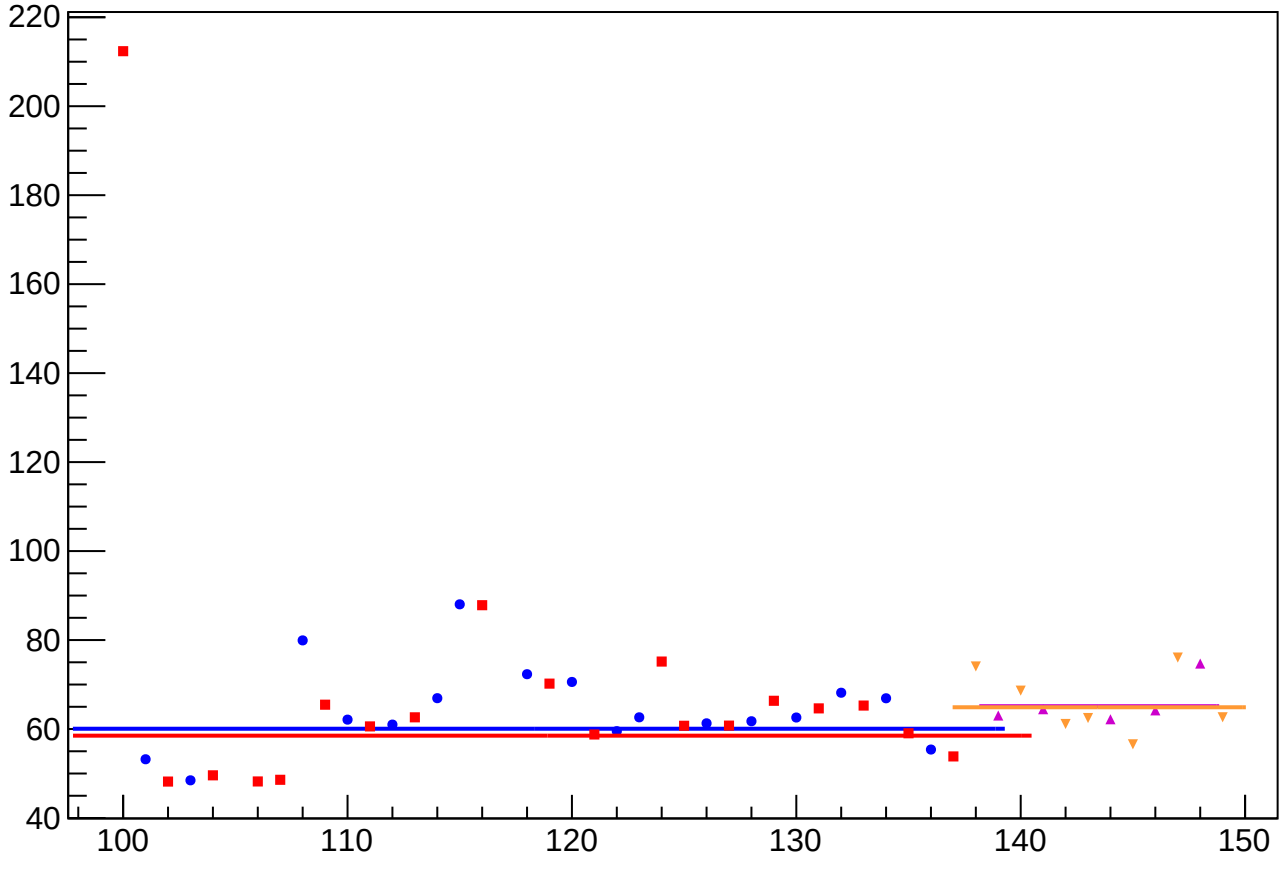
Right: 65.887+/-16.261 χ^2/NDF: 34.4/35

In: 31.633+/-19.012 χ^2/NDF:20.4/21

Out: 45.203+/-17.761 χ^2/NDF:33.4/25

All: 38.879+/-12.978 χ^2/NDF: 54.1/47

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF: 229098.7/16

Left Out: 64.890+/-0.020 χ^2/NDF:101693.3/6

Right Out: 58.508+/-0.016 χ^2/NDF: 348822.3/18

Left In: 65.135+/-0.023 χ^2/NDF:32644.7/4

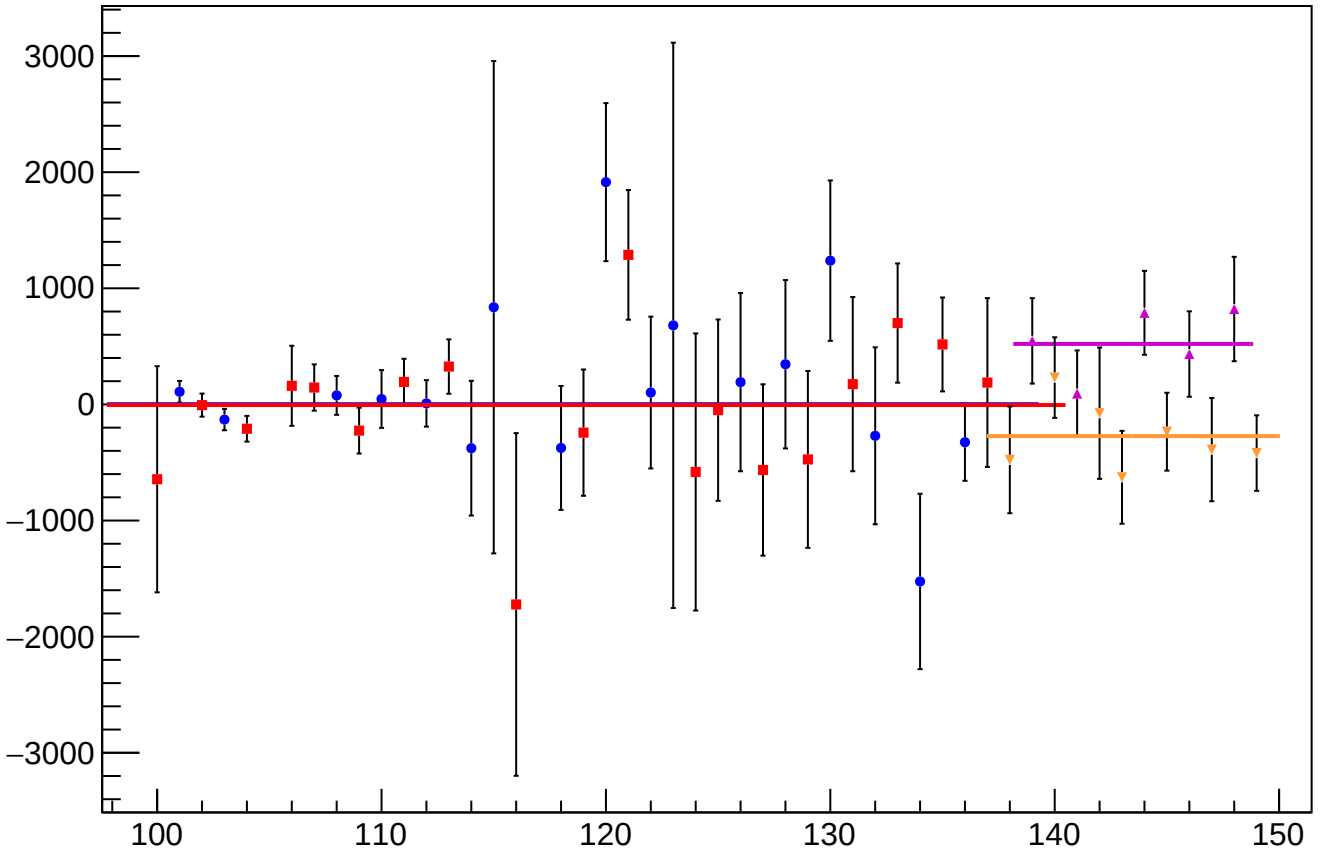
Left: 65.000+/-0.015 χ^2/NDF: 134401.6/11

Right: 59.251+/-0.011 χ^2/NDF: 582496.2/35

In: 61.828+/-0.013 χ^2/NDF:293994.2/21

Out: 60.910+/-0.013 χ^2/NDF:511133.2/25

All: 61.338+/-0.009 χ^2/NDF: 807613.4/47



Right In: 1.581+/-54.284 χ^2/NDF: 21.4/16

Left Out: -273.162+/-147.729 χ^2/NDF:3.5/6

Right Out: -5.402+/-56.516 χ^2/NDF: 20.7/18

Left In: 521.087+/-169.987 χ^2/NDF:2.4/4

Left: 68.592+/-111.505 χ^2/NDF: 18.3/11

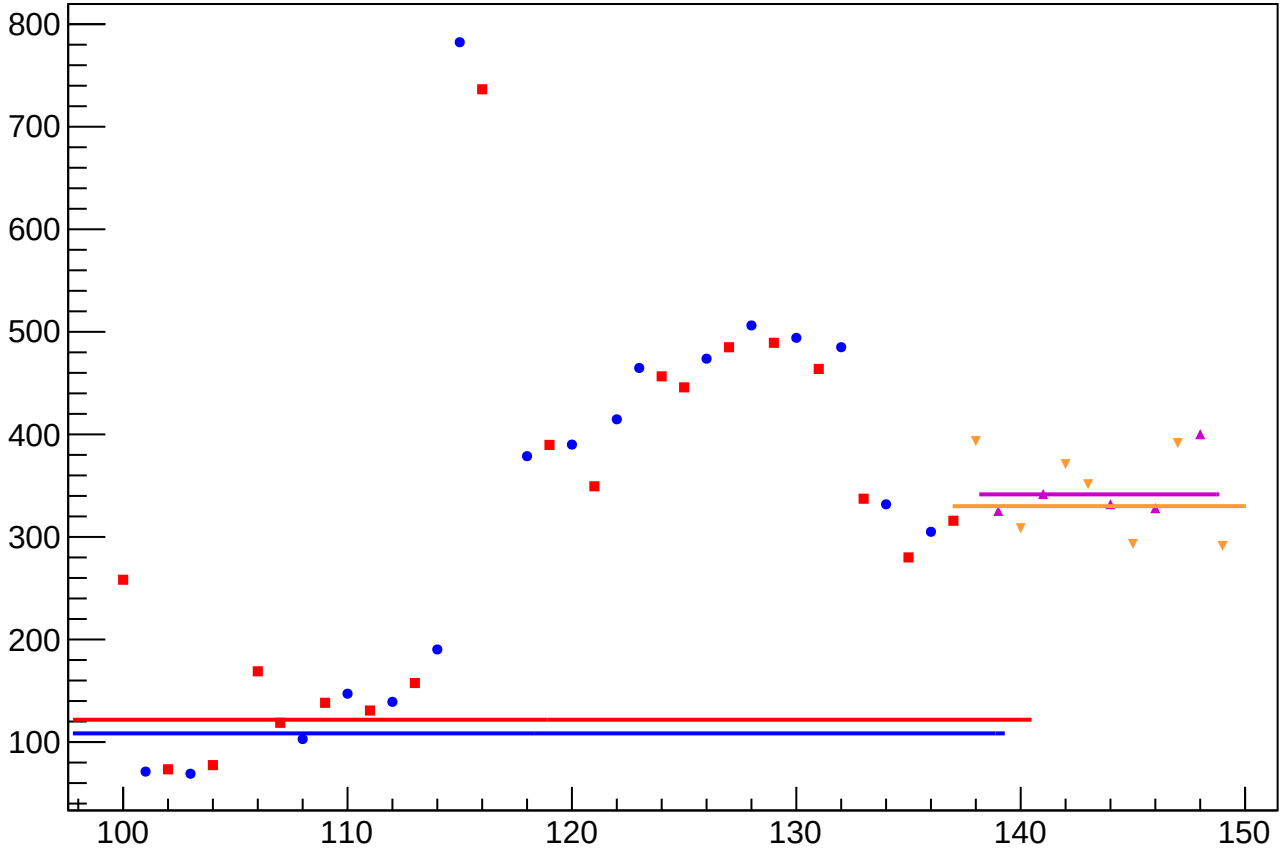
Right: -1.770+/-39.150 χ^2/NDF: 42.1/35

In: 49.657+/-51.711 χ^2/NDF:32.2/21

Out: -39.587+/-52.785 χ^2/NDF:27.0/25

All: 5.952+/-36.939 χ^2/NDF: 60.7/47

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF: 5404107.9/16

Left Out: 330.011+/-0.104 χ^2/NDF:152758.9/6

Right Out: 121.765+/-0.040 χ^2/NDF: 4771024.2/18

Left In: 341.522+/-0.120 χ^2/NDF:42103.2/4

Left: 334.964+/-0.079 χ^2/NDF: 200087.7/11

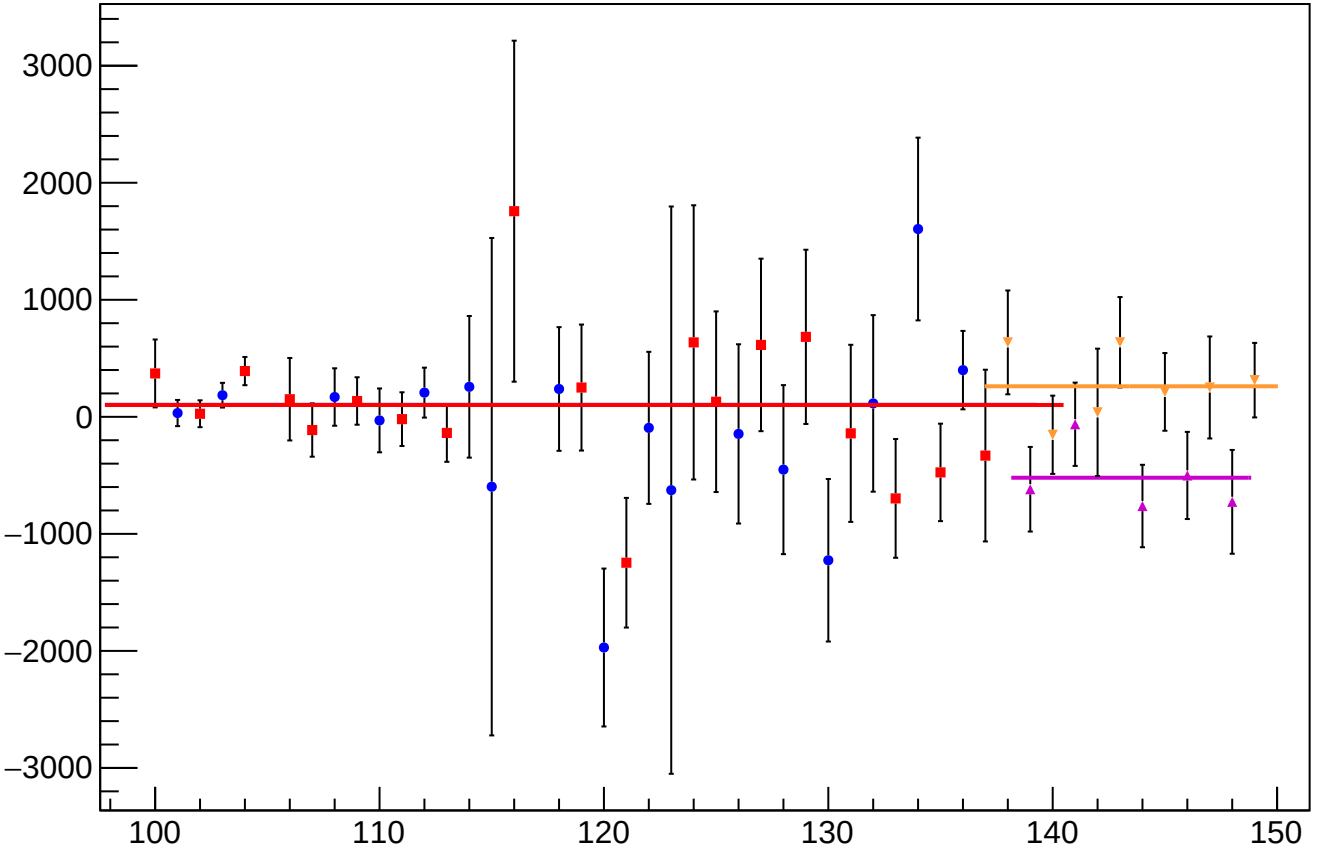
Right: 114.837+/-0.028 χ^2/NDF: 10232914.9/35

In: 130.014+/-0.037 χ^2/NDF:8858338.1/21

Out: 148.352+/-0.037 χ^2/NDF:8390612.1/25

All: 138.995+/-0.026 χ^2/NDF: 17372113.3/47

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF: 20.3/16

Left Out: 260.831+/-143.867 χ^2/NDF:3.4/6

Right Out: 101.249+/-60.846 χ^2/NDF: 22.6/18

Left In: -520.331+/-166.882 χ^2/NDF:2.4/4

Left: -72.210+/-108.965 χ^2/NDF: 18.4/11

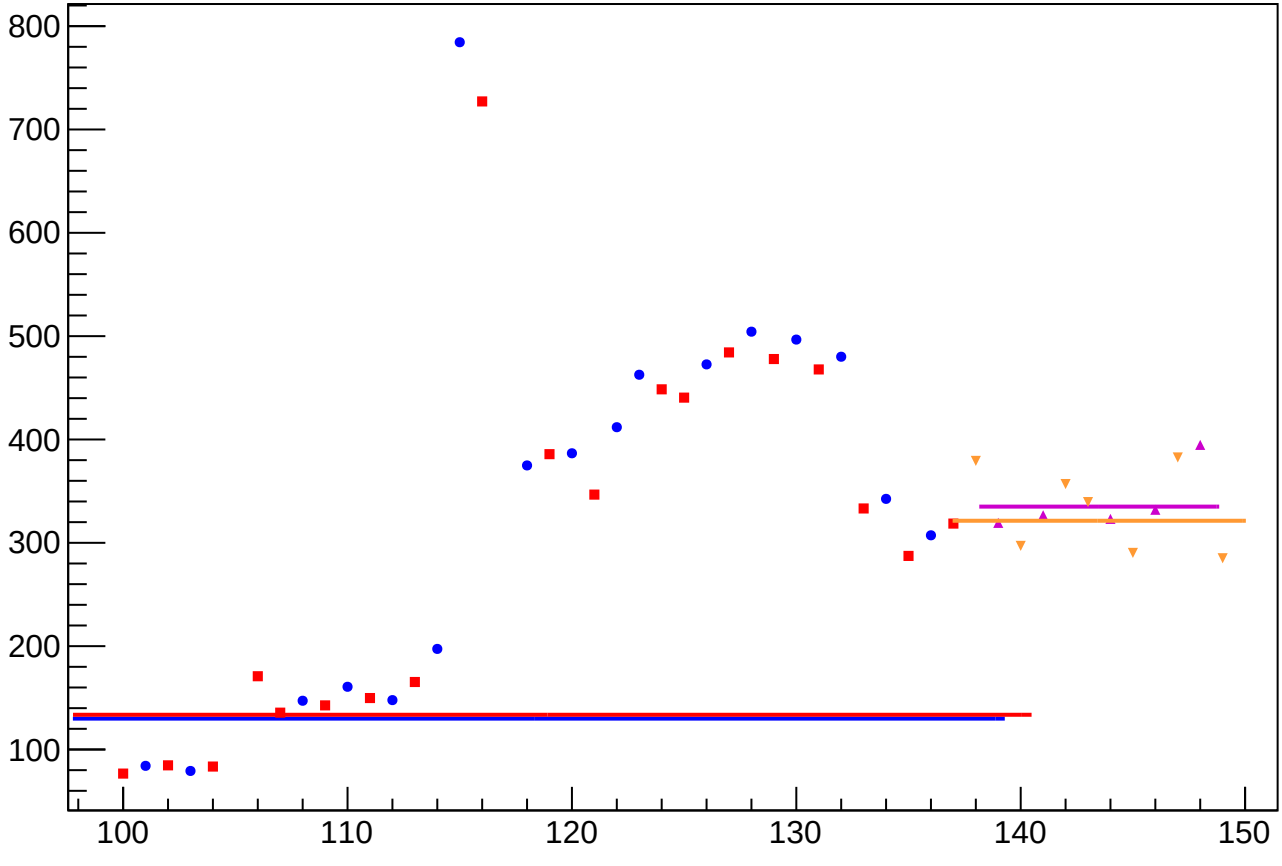
Right: 101.717+/-43.809 χ^2/NDF: 42.9/35

In: 24.290+/-59.044 χ^2/NDF:34.8/21

Out: 125.462+/-56.040 χ^2/NDF:27.1/25

All: 77.515+/-40.647 χ^2/NDF: 63.5/47

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF: 4829521.2/16

Left Out: 321.357+/-0.102 χ^2/NDF:140642.5/6

Right Out: 133.604+/-0.043 χ^2/NDF: 4363378.8/18

Left In: 335.043+/-0.118 χ^2/NDF:43587.3/4

Left: 327.192+/-0.077 χ^2/NDF: 191946.4/11

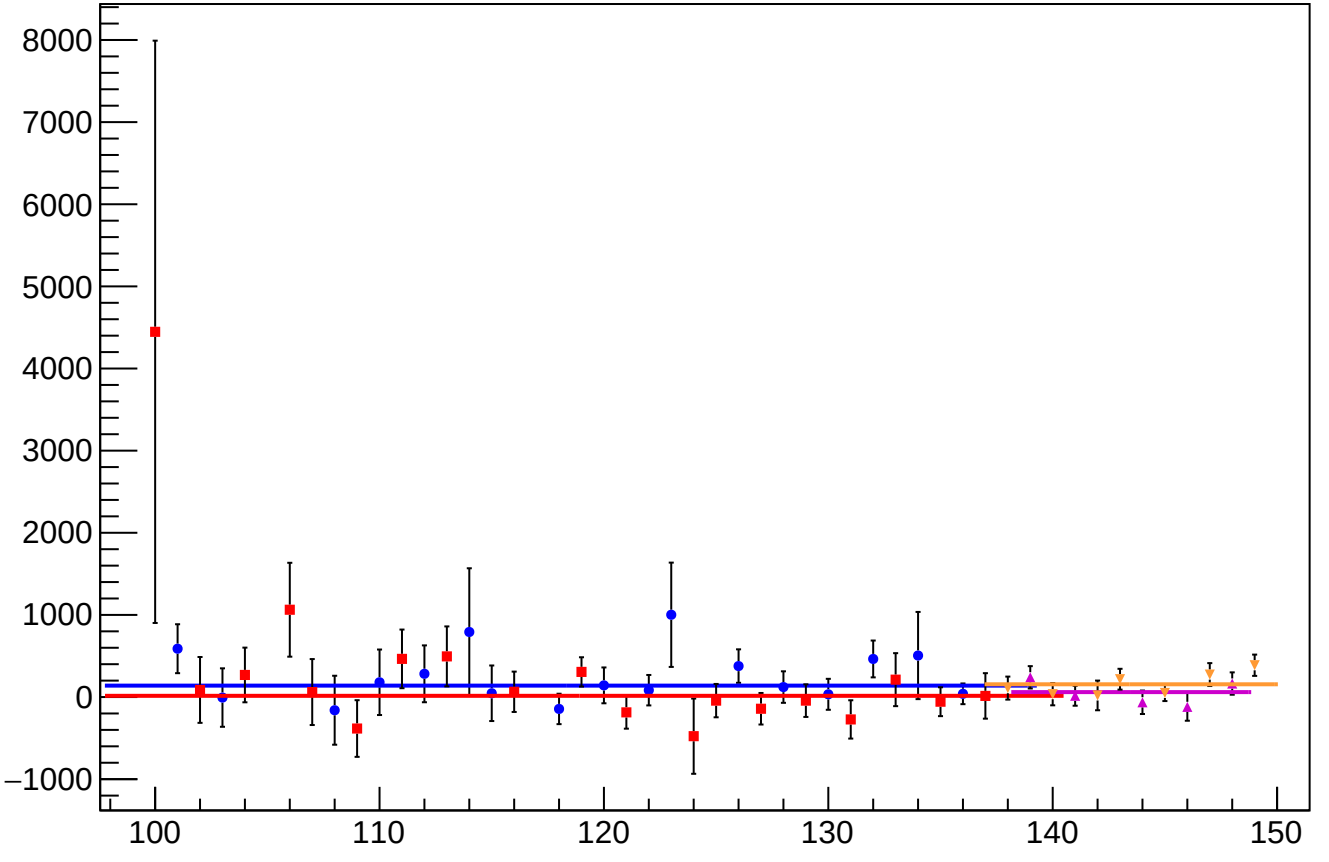
Right: 131.813+/-0.031 χ^2/NDF: 9196501.4/35

In: 155.566+/-0.042 χ^2/NDF:7517401.5/21

Out: 162.092+/-0.040 χ^2/NDF:7393444.6/25

All: 158.999+/-0.029 χ^2/NDF: 14923701.2/47

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093+/-57.982 χ^2/NDF: 13.1/16

Left Out: 155.277+/-49.310 χ^2/NDF:6.8/6

Right Out: 14.912+/-60.119 χ^2/NDF: 18.0/18

Left In: 60.136+/-62.017 χ^2/NDF:4.4/4

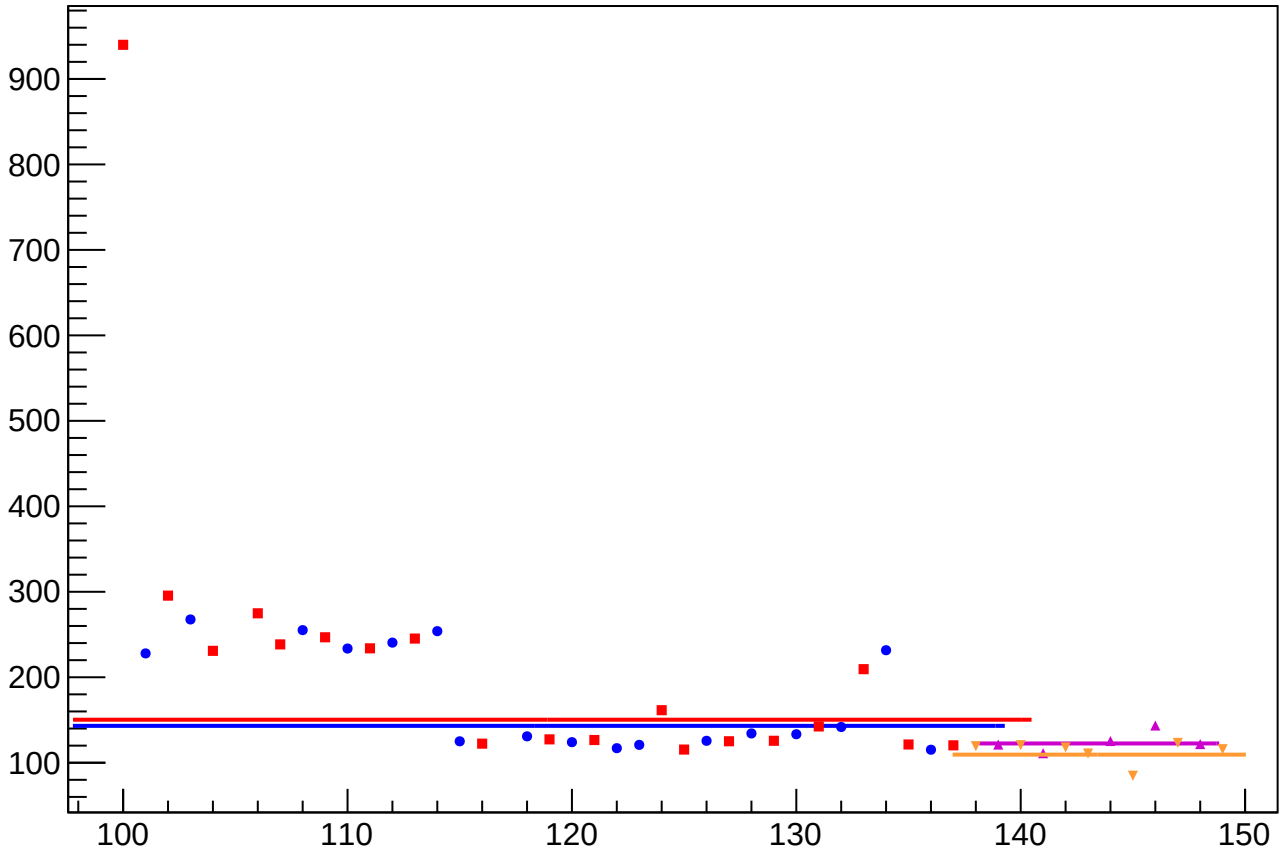
Left: 118.426+/-38.597 χ^2/NDF: 12.6/11

Right: 79.249+/-41.734 χ^2/NDF: 33.3/35

In: 102.267+/-42.354 χ^2/NDF:18.3/21

Out: 98.825+/-38.126 χ^2/NDF:28.0/25

All: 100.365+/-28.336 χ^2/NDF: 46.3/47



Right In: 143.140+/-0.041 χ^2/NDF: 1101269.0/16

Left Out: 109.475+/-0.035 χ^2/NDF:176423.3/6

Right Out: 150.336+/-0.043 χ^2/NDF: 1432034.4/18

Left In: 122.545+/-0.044 χ^2/NDF:49677.2/4

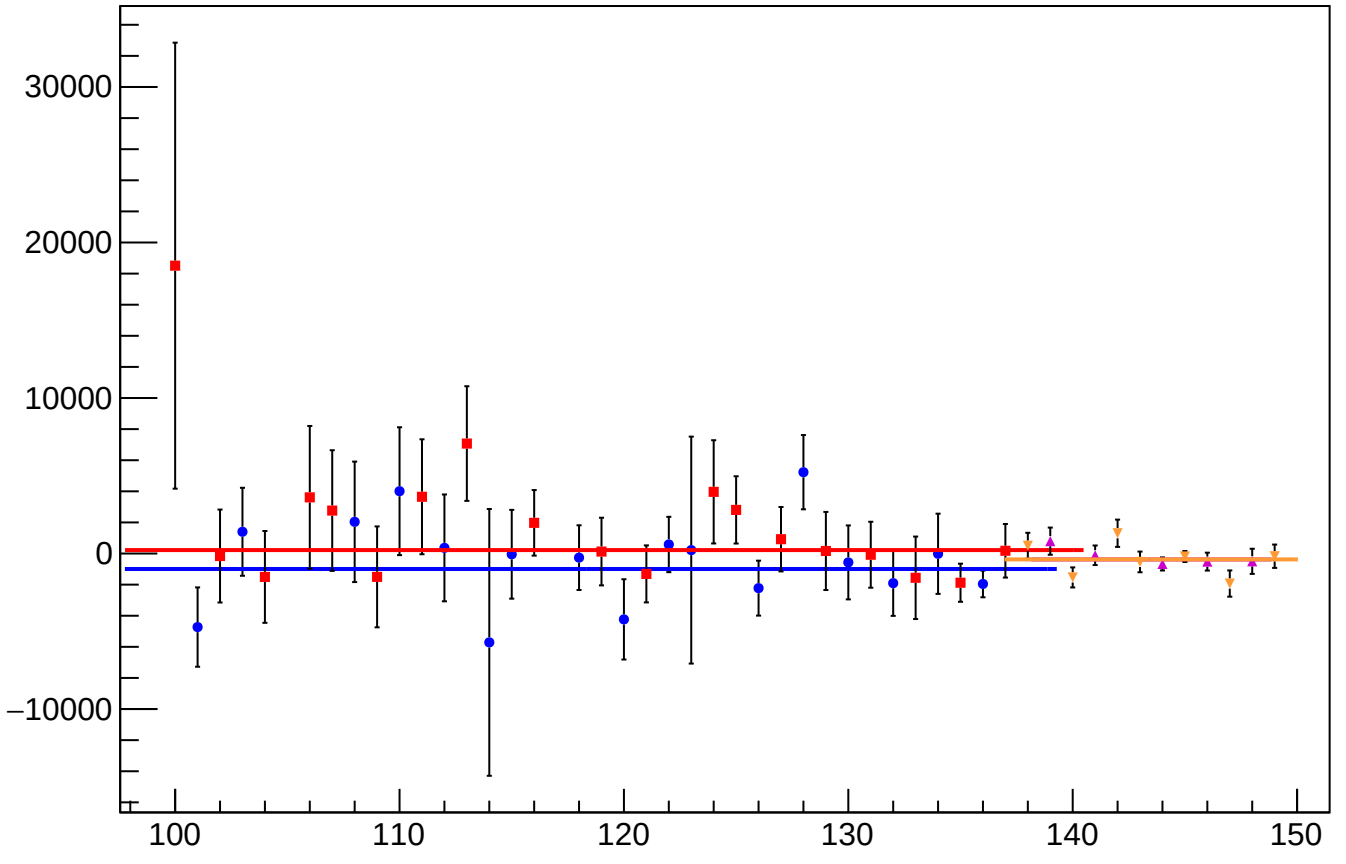
Left: 114.537+/-0.027 χ^2/NDF: 280519.7/11

Right: 146.608+/-0.030 χ^2/NDF: 2548152.2/35

In: 133.534+/-0.030 χ^2/NDF:1268634.7/21

Out: 125.909+/-0.027 χ^2/NDF:2160794.4/25

All: 129.322+/-0.020 χ^2/NDF: 3465238.5/47



Right In: -993.785+/-516.463 χ^2/NDF: 16.9/16

Left Out: -377.868+/-231.868 χ^2/NDF:11.8/6

Right Out: 221.353+/-543.431 χ^2/NDF: 15.2/18

Left In: -381.797+/-266.832 χ^2/NDF:2.6/4

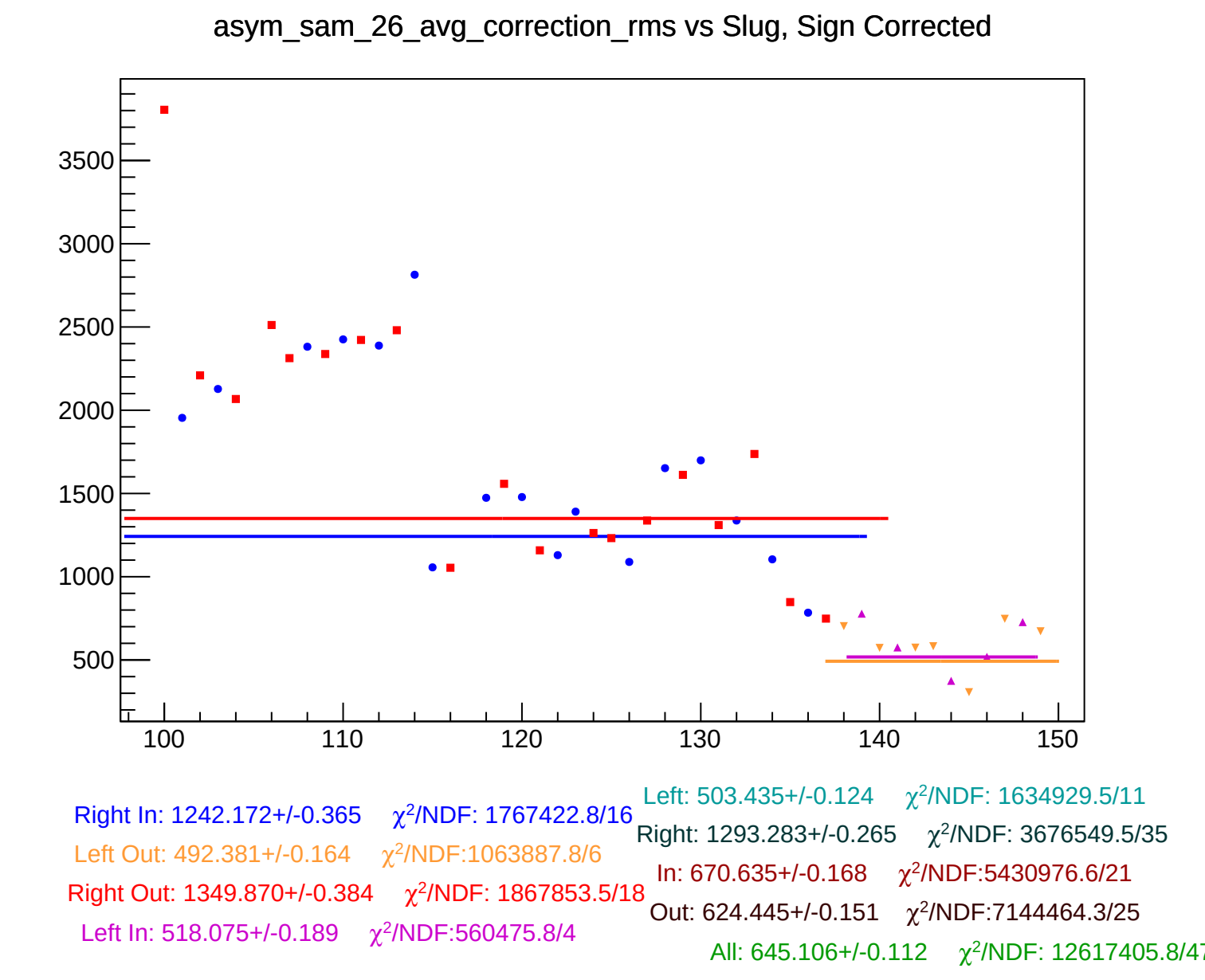
Left: -379.558+/-175.021 χ^2/NDF: 14.4/11

Right: -417.113+/-374.365 χ^2/NDF: 34.7/35

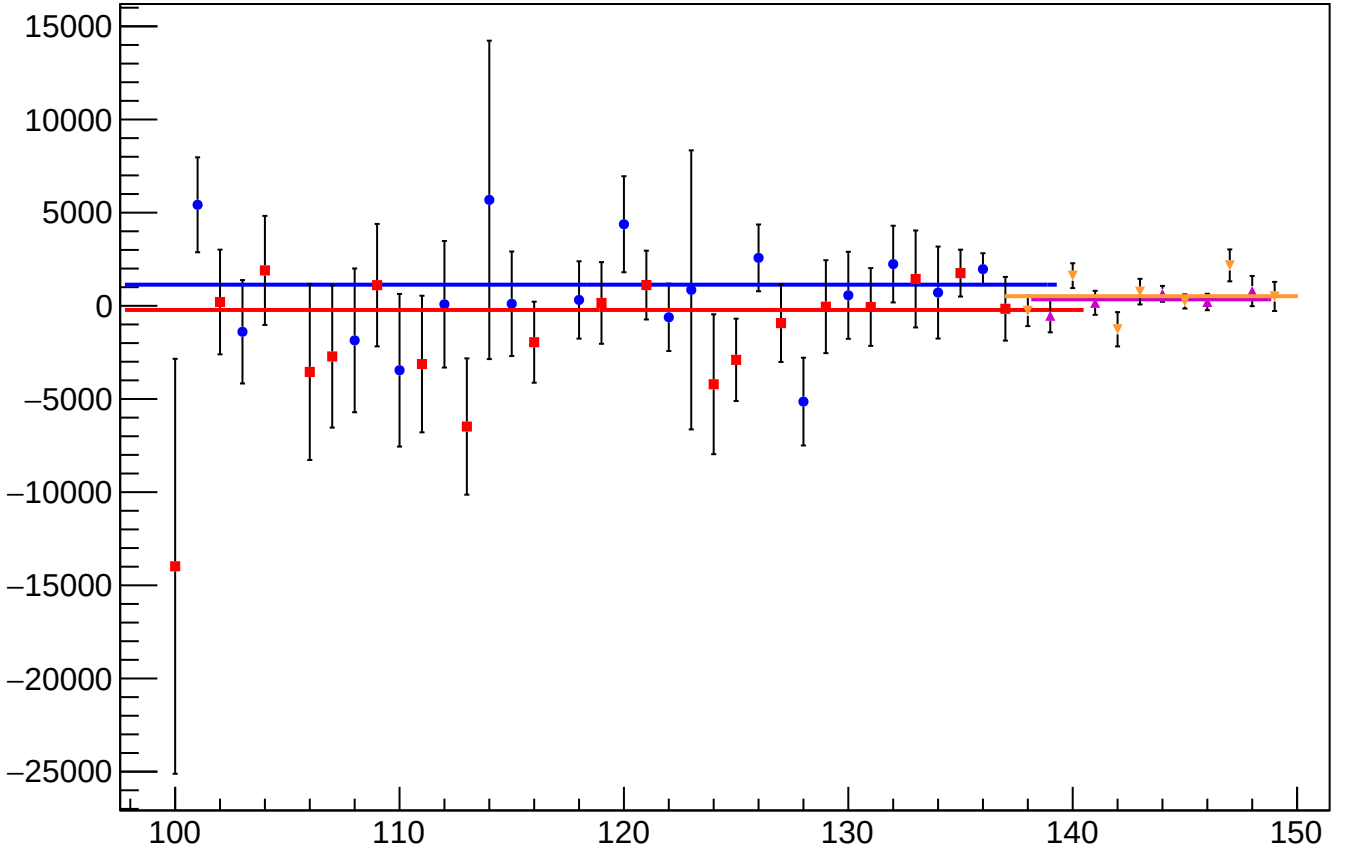
In: -510.737+/-237.062 χ^2/NDF:20.6/21

Out: -285.580+/-213.267 χ^2/NDF:28.0/25

All: -386.294+/-158.549 χ^2/NDF: 49.1/47


asym_sam_26_avg_correction_rms vs Slug, Sign Corrected
3500
3000
2500
2000
1500
1000
500
100
110
120
130
140
150
Right In: 1242.172+/-0.365 χ²/NDF: 1767422.8/16
Left Out: 492.381+/-0.164 χ²/NDF:1063887.8/6
Right Out: 1349.870+/-0.384 χ²/NDF: 1867853.5/18
Left In: 518.075+/-0.189 χ²/NDF:560475.8/4
Left: 503.435+/-0.124 χ²/NDF: 1634929.5/11
Right: 1293.283+/-0.265 χ²/NDF: 3676549.5/35
In: 670.635+/-0.168 χ²/NDF:5430976.6/21
Out: 624.445+/-0.151 χ²/NDF:7144464.3/25
All: 645.106+/-0.112 χ²/NDF: 12617405.8/47

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF: 17.8/16

Left Out: 517.422+/-243.095 χ^2/NDF:11.8/6

Right Out: -220.849+/-547.528 χ^2/NDF: 13.5/18

Left In: 349.060+/-251.143 χ^2/NDF:1.9/4

Left: 435.982+/-174.670 χ^2/NDF: 13.9/11

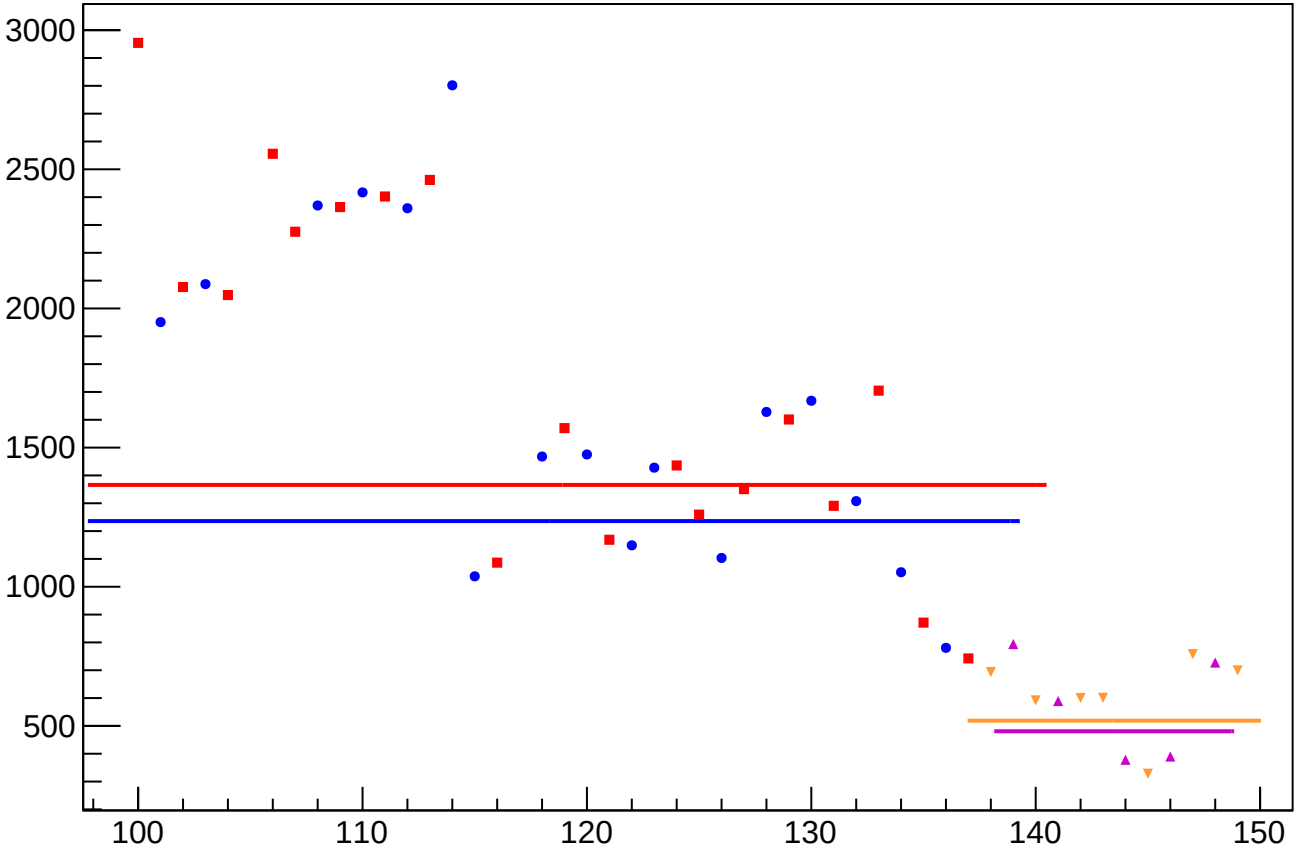
Right: 500.276+/-374.656 χ^2/NDF: 34.5/35

In: 500.683+/-225.629 χ^2/NDF:21.6/21

Out: 395.854+/-222.181 χ^2/NDF:26.8/25

All: 447.461+/-158.311 χ^2/NDF: 48.5/47

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF: 1745716.2/16

Left Out: 518.696+/-0.172 χ^2/NDF:921760.6/6

Right Out: 1365.941+/-0.387 χ^2/NDF: 1750044.7/18

Left In: 480.718+/-0.178 χ^2/NDF:691003.2/4

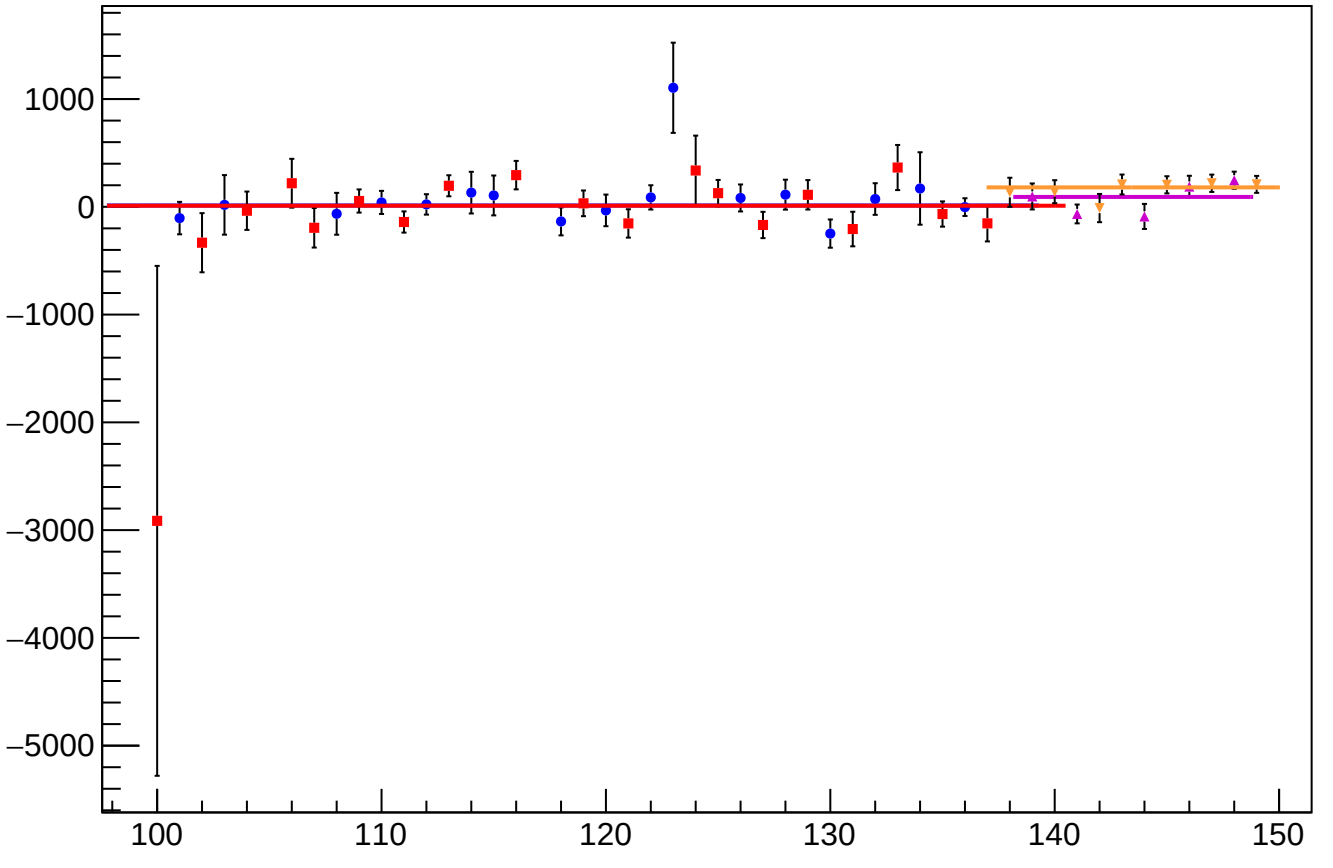
Left: 500.326+/-0.124 χ^2/NDF: 1636375.9/11

Right: 1296.809+/-0.265 χ^2/NDF: 3555718.8/35

In: 626.373+/-0.160 χ^2/NDF:5924795.1/21

Out: 658.208+/-0.157 χ^2/NDF:6672134.5/25

All: 642.536+/-0.112 χ^2/NDF: 12617143.2/47



Right In: 12.308+/-33.228 χ^2/NDF: 15.4/16

Left Out: 180.418+/-35.534 χ^2/NDF:2.9/6

Right Out: 10.036+/-32.603 χ^2/NDF: 28.3/18

Left In: 91.638+/-43.434 χ^2/NDF:10.4/4

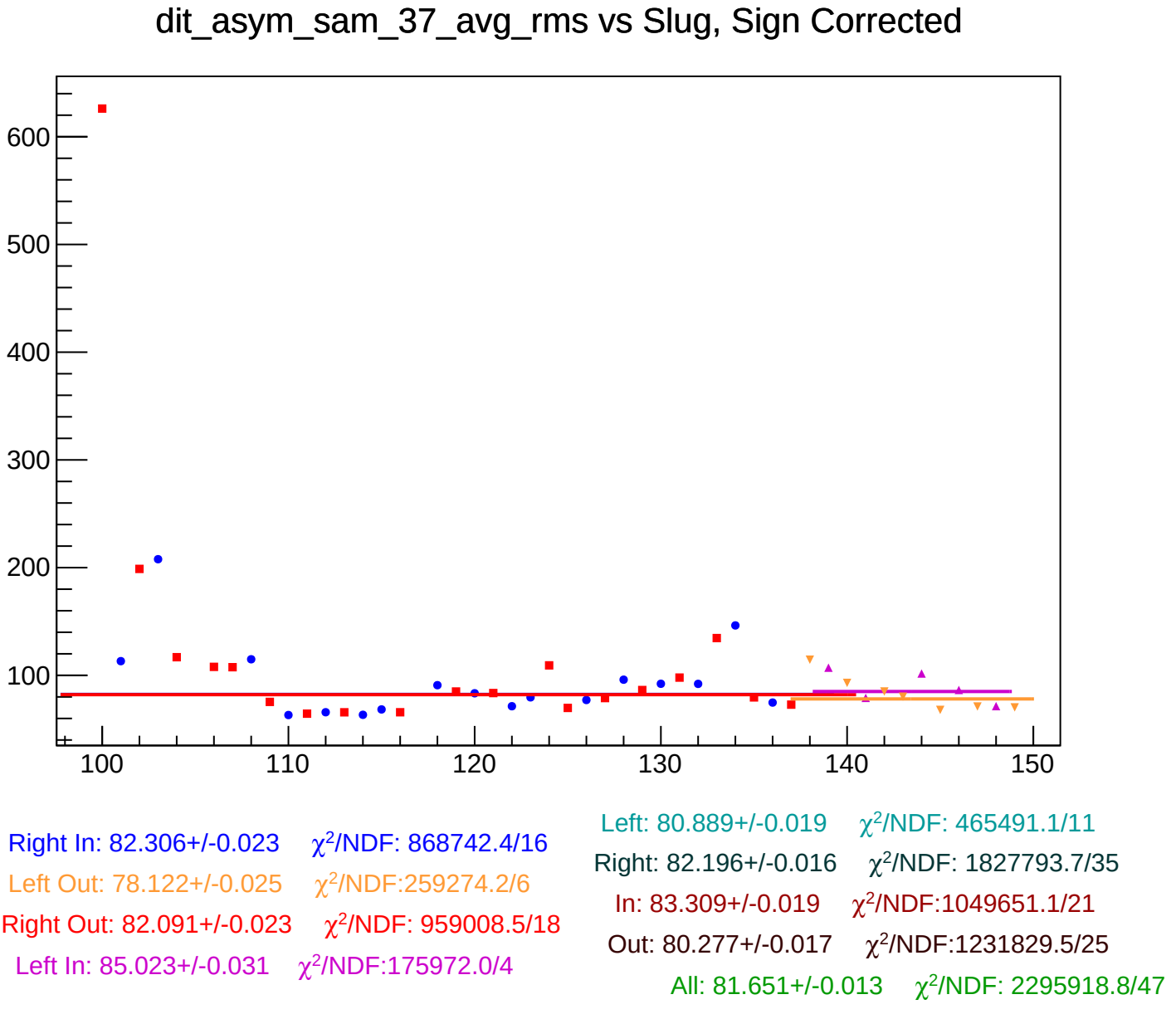
Left: 144.821+/-27.503 χ^2/NDF: 15.8/11

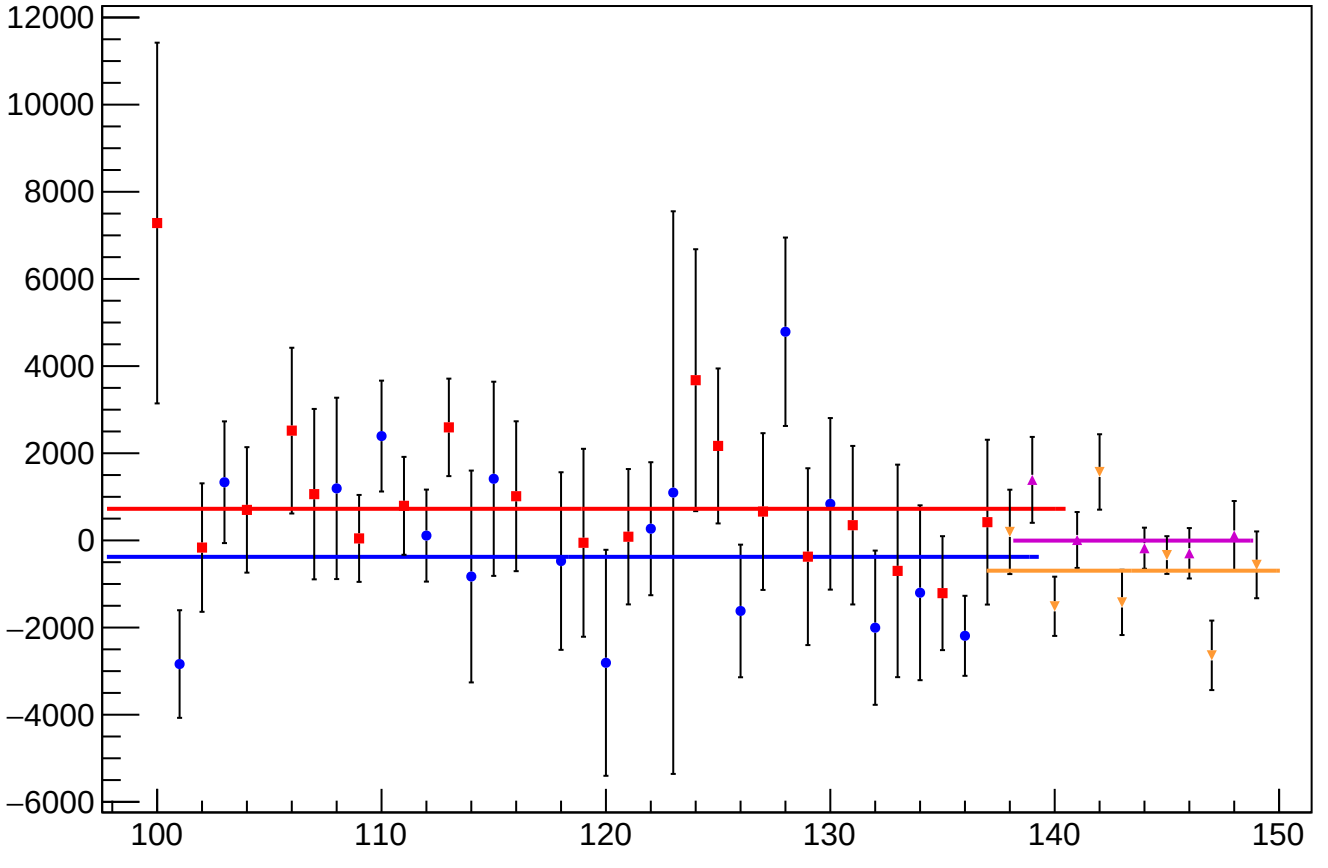
Right: 11.151+/-23.271 χ^2/NDF: 43.6/35

In: 41.596+/-26.391 χ^2/NDF:27.8/21

Out: 87.910+/-24.023 χ^2/NDF:43.7/25

All: 66.923+/-17.765 χ^2/NDF: 73.2/47


dit_asym_sam_37_avg_rms vs Slug, Sign Corrected
600
500
400
300
200
100
100
110
120
130
140
150
Right In: 82.306+/-0.023 χ²/NDF: 868742.4/16
Left Out: 78.122+/-0.025 χ²/NDF:259274.2/6
Right Out: 82.091+/-0.023 χ²/NDF: 959008.5/18
Left In: 85.023+/-0.031 χ²/NDF:175972.0/4
Left: 80.889+/-0.019 χ²/NDF: 465491.1/11
Right: 82.196+/-0.016 χ²/NDF: 1827793.7/35
In: 83.309+/-0.019 χ²/NDF:1049651.1/21
Out: 80.277+/-0.017 χ²/NDF:1231829.5/25
All: 81.651+/-0.013 χ²/NDF: 2295918.8/47



Right In: -377.330+/-383.897 χ^2/NDF: 24.5/16

Left Out: -694.915+/-258.492 χ^2/NDF:16.7/6

Right Out: 725.204+/-367.170 χ^2/NDF: 11.9/18

Left In: -4.537+/-282.459 χ^2/NDF:2.4/4

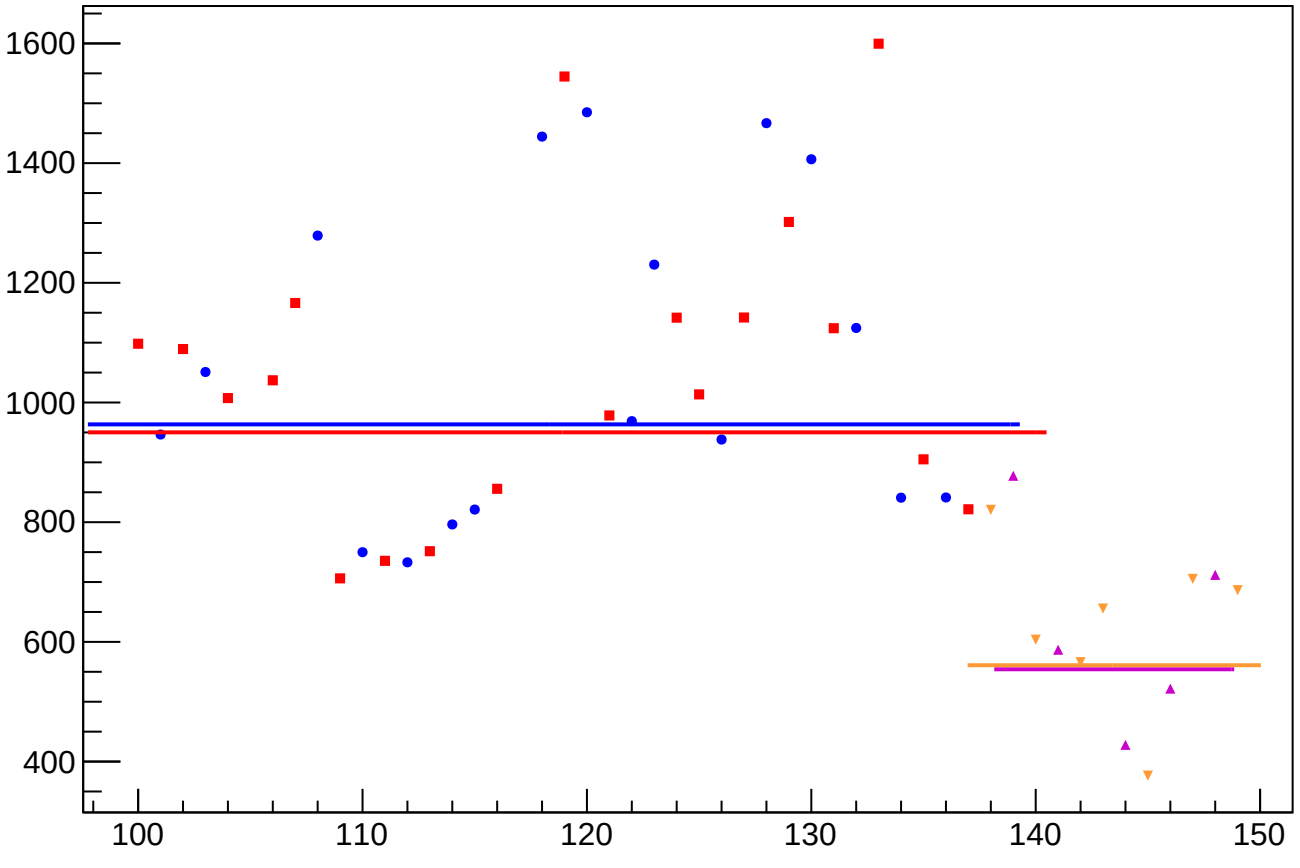
Left: -380.253+/-190.693 χ^2/NDF: 22.4/11

Right: 198.479+/-265.345 χ^2/NDF: 40.7/35

In: -135.469+/-227.512 χ^2/NDF:27.5/21

Out: -224.307+/-211.366 χ^2/NDF:38.6/25

All: -183.152+/-154.852 χ^2/NDF: 66.2/47



Right In: 963.469+/-0.271 χ^2/NDF: 688873.3/16

Left Out: 561.006+/-0.183 χ^2/NDF:666344.1/6

Right Out: 950.122+/-0.260 χ^2/NDF: 731958.5/18

Left In: 554.228+/-0.200 χ^2/NDF:449226.5/4

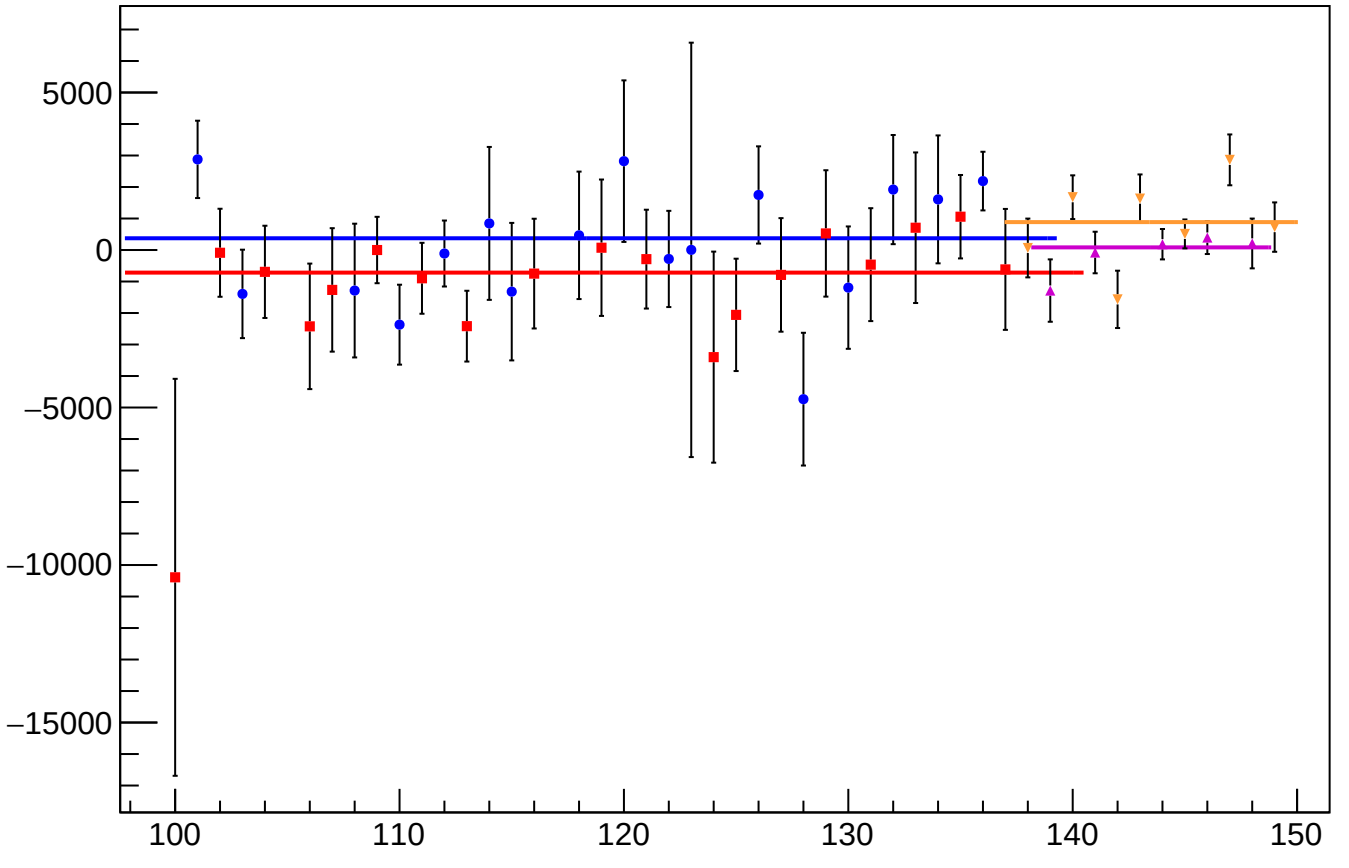
Left: 557.917+/-0.135 χ^2/NDF: 1116197.4/11

Right: 956.498+/-0.188 χ^2/NDF: 1422094.4/35

In: 697.962+/-0.161 χ^2/NDF:2612637.0/21

Out: 689.954+/-0.149 χ^2/NDF:2900156.2/25

All: 693.663+/-0.109 χ^2/NDF: 5514123.0/47



Right In: 372.896+/-383.661 χ^2/NDF: 25.3/16

Left Out: 885.939+/-266.845 χ^2/NDF:17.0/6

Right Out: -717.404+/-371.769 χ^2/NDF: 10.1/18

Left In: 83.518+/-278.748 χ^2/NDF:2.4/4

Left: 502.225+/-192.759 χ^2/NDF: 23.7/11

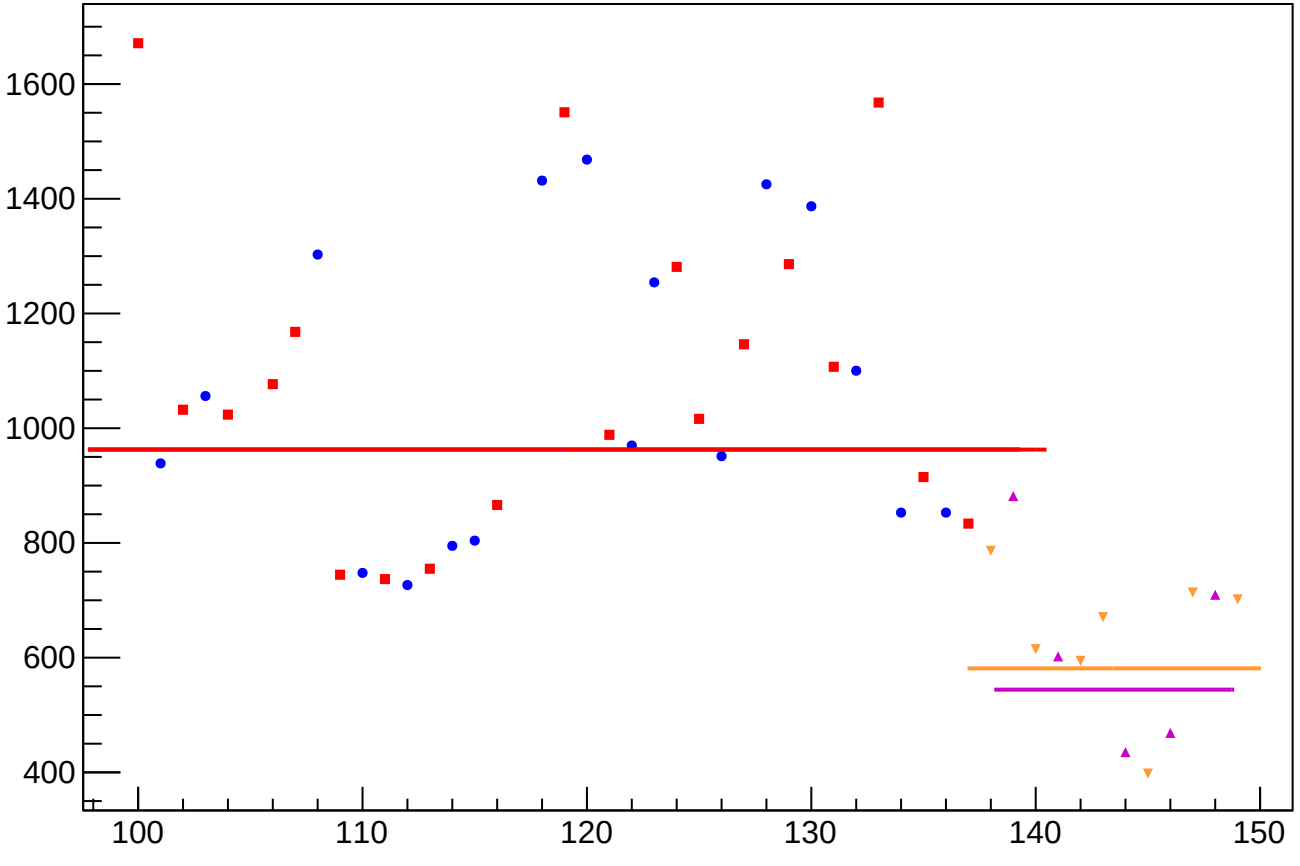
Right: -189.414+/-266.986 χ^2/NDF: 39.6/35

In: 183.496+/-225.511 χ^2/NDF:28.0/21

Out: 340.770+/-216.783 χ^2/NDF:39.4/25

All: 265.236+/-156.283 χ^2/NDF: 67.7/47

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF: 667521.9/16

Left Out: 581.297+/-0.189 χ^2/NDF:549179.7/6

Right Out: 962.693+/-0.263 χ^2/NDF: 696385.7/18

Left In: 544.217+/-0.197 χ^2/NDF:478781.0/4

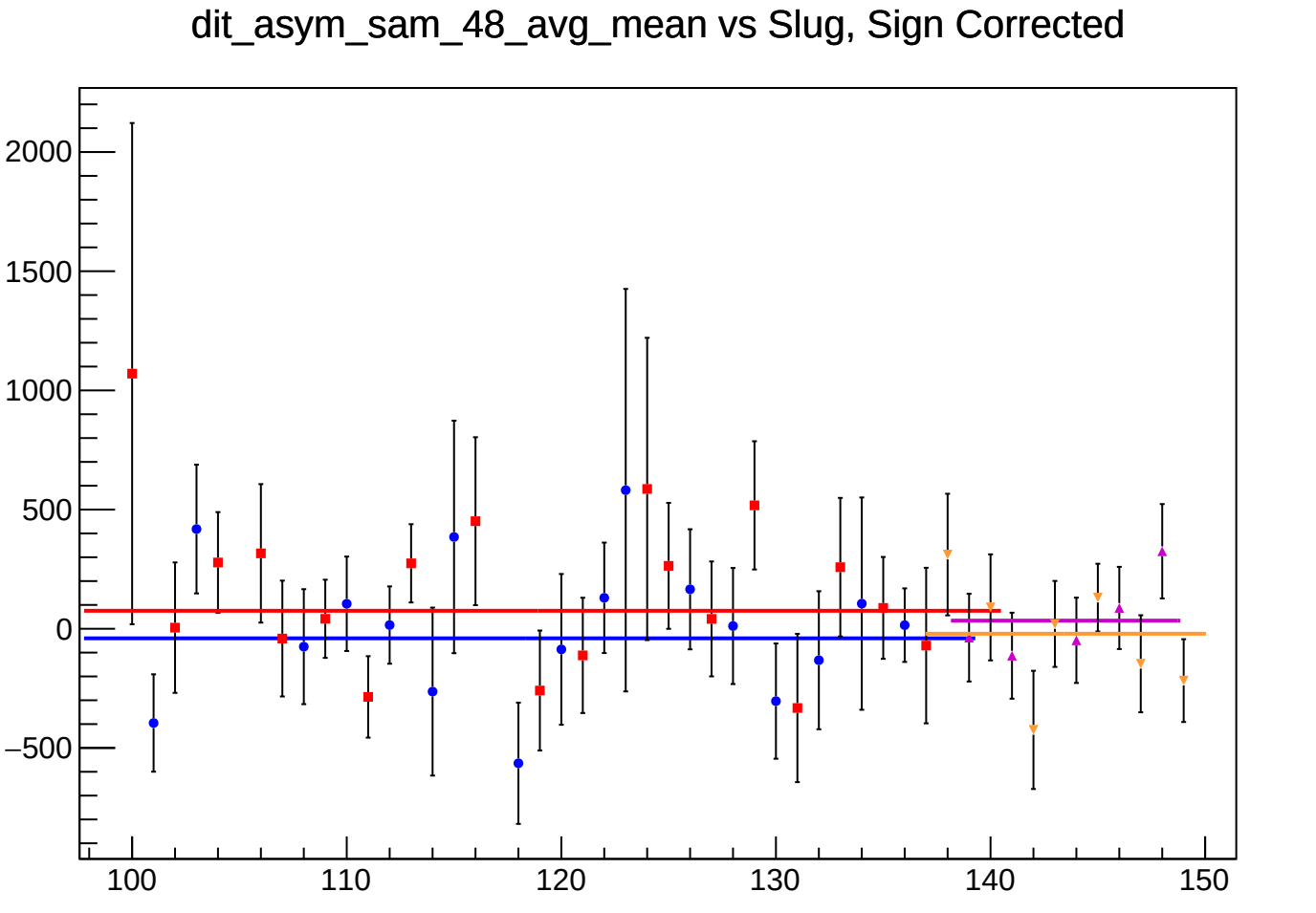
Left: 563.565+/-0.136 χ^2/NDF: 1046427.8/11

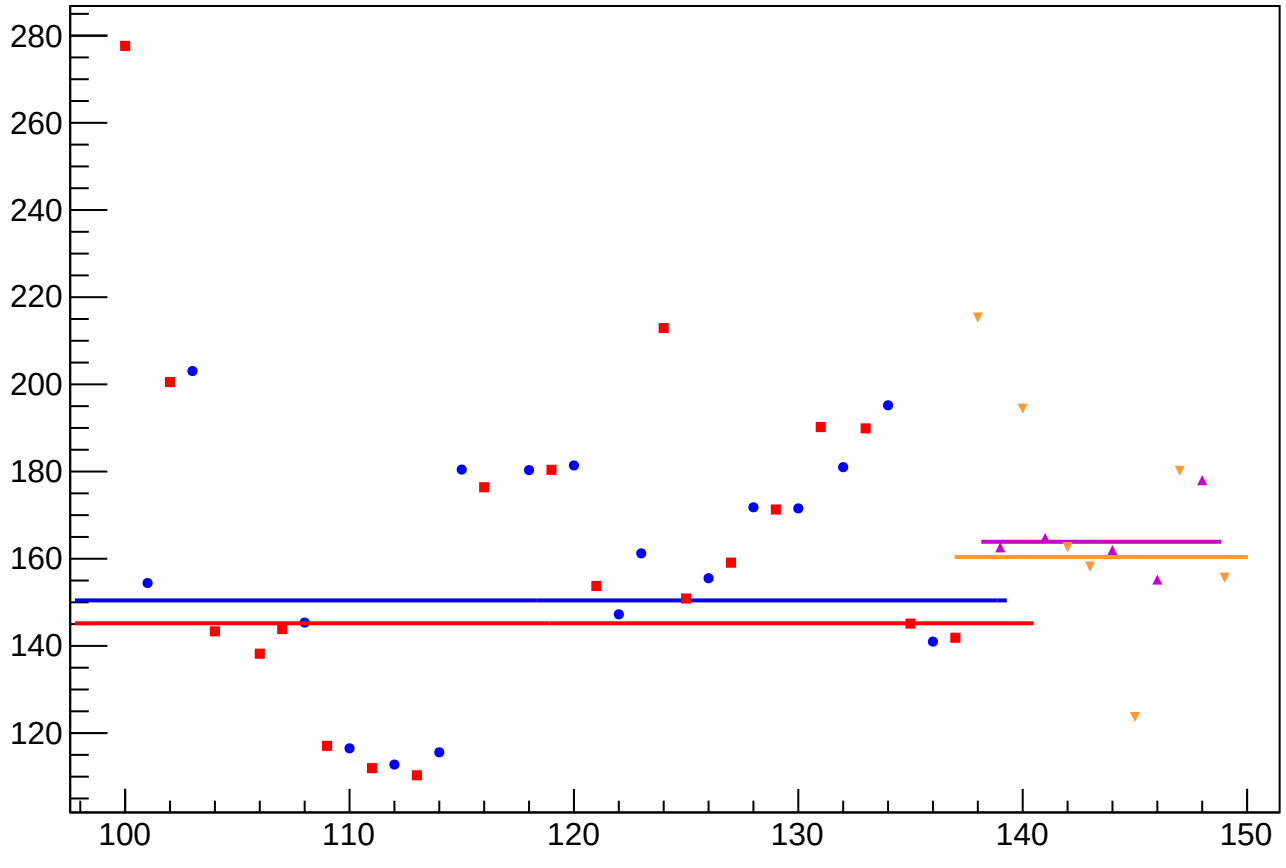
Right: 962.827+/-0.189 χ^2/NDF: 1363908.2/35

In: 688.893+/-0.159 χ^2/NDF:2705731.8/21

Out: 710.979+/-0.153 χ^2/NDF:2634773.5/25

All: 700.372+/-0.111 χ^2/NDF: 5350475.1/47


dit_asym_sam_48_avg_mean vs Slug, Sign Corrected
2000
1500
1000
500
0
−500
100
110
120
130
140
150
Right In: -40.122+/-59.256 χ²/NDF: 15.3/16
Left Out: -20.876+/-72.657 χ²/NDF:7.4/6
Right Out: 75.460+/-56.233 χ²/NDF: 18.5/18
Left In: 34.146+/-81.467 χ²/NDF:3.3/4
Left: 3.500+/-54.225 χ²/NDF: 11.0/11
Right: 20.693+/-40.790 χ²/NDF: 35.8/35
In: -14.425+/-47.920 χ²/NDF:19.2/21
Out: 39.372+/-44.470 χ²/NDF:27.0/25
All: 14.480+/-32.597 χ²/NDF: 46.9/47



Right In: 150.442+/-0.042 χ^2/NDF: 400121.4/16

Left Out: 160.397+/-0.051 χ^2/NDF:293884.6/6

Right Out: 145.187+/-0.040 χ^2/NDF: 535696.3/18

Left In: 163.889+/-0.058 χ^2/NDF:15640.4/4

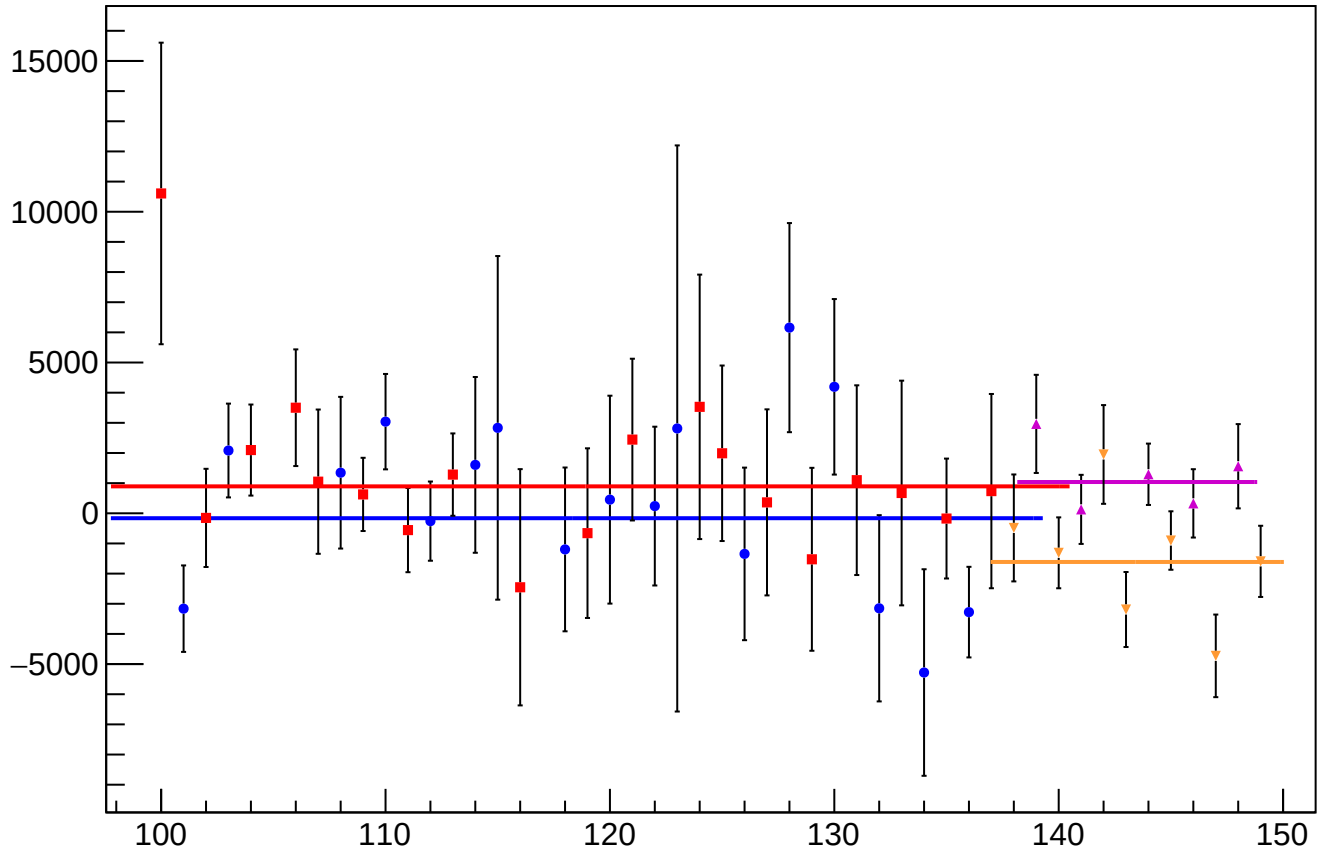
Left: 161.944+/-0.038 χ^2/NDF: 311571.2/11

Right: 147.677+/-0.029 χ^2/NDF: 944092.7/35

In: 155.095+/-0.034 χ^2/NDF:451399.3/21

Out: 150.885+/-0.031 χ^2/NDF:884395.6/25

All: 152.833+/-0.023 χ^2/NDF: 1344087.2/47



Right In: -162.807+/-533.165 χ^2/NDF: 25.1/16

Left Out: -1613.759+/-478.003 χ^2/NDF:12.5/6

Right Out: 893.137+/-484.322 χ^2/NDF: 10.7/18

Left In: 1037.458+/-542.604 χ^2/NDF:2.6/4

Left: -455.294+/-358.675 χ^2/NDF: 28.6/11

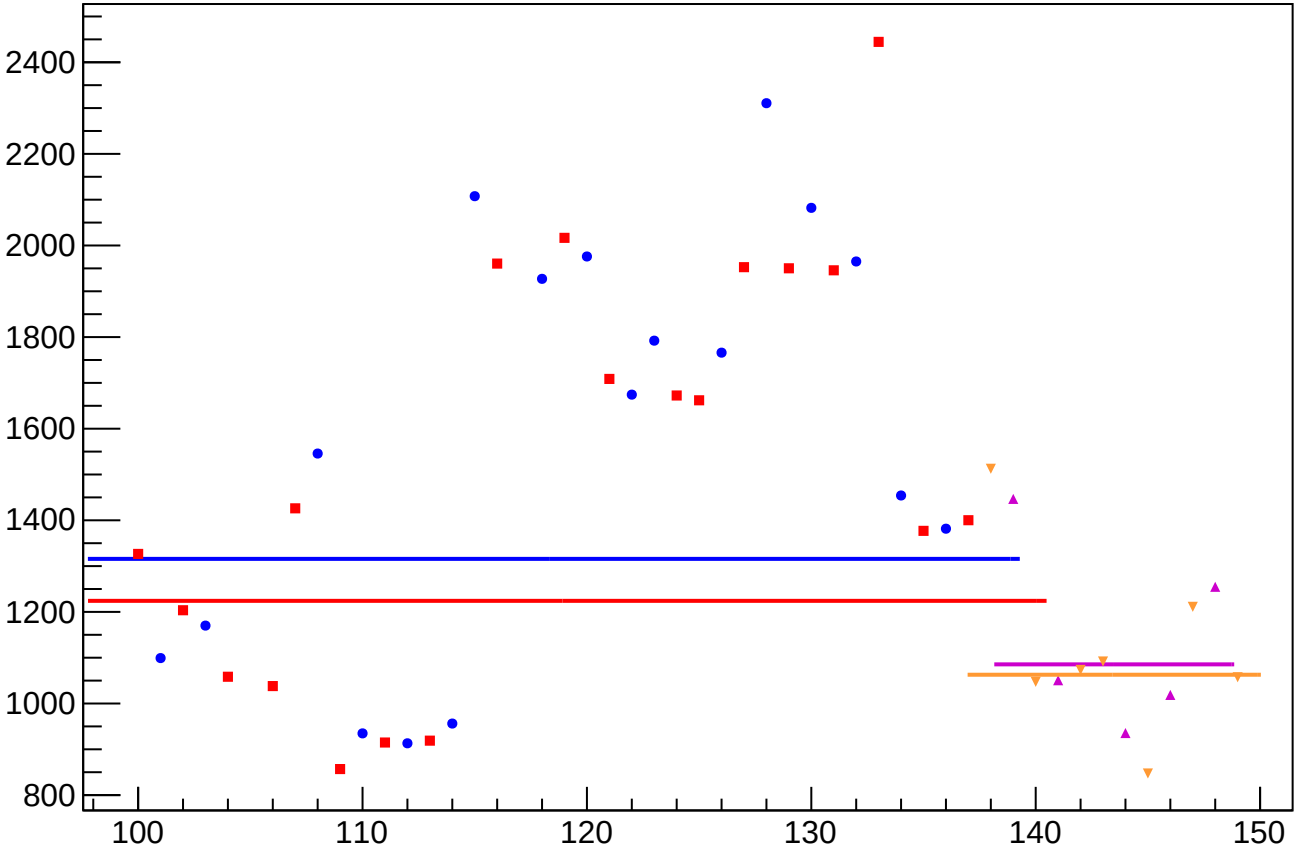
Right: 415.737+/-358.494 χ^2/NDF: 37.9/35

In: 426.795+/-380.298 χ^2/NDF:30.2/21

Out: -376.772+/-340.211 χ^2/NDF:36.8/25

All: -19.558+/-253.558 χ^2/NDF: 69.5/47

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF: 1118346.6/16

Left Out: 1062.831+/-0.338 χ^2/NDF:252599.4/6

Right Out: 1224.149+/-0.342 χ^2/NDF: 1363902.7/18

Left In: 1085.471+/-0.384 χ^2/NDF:180125.5/4

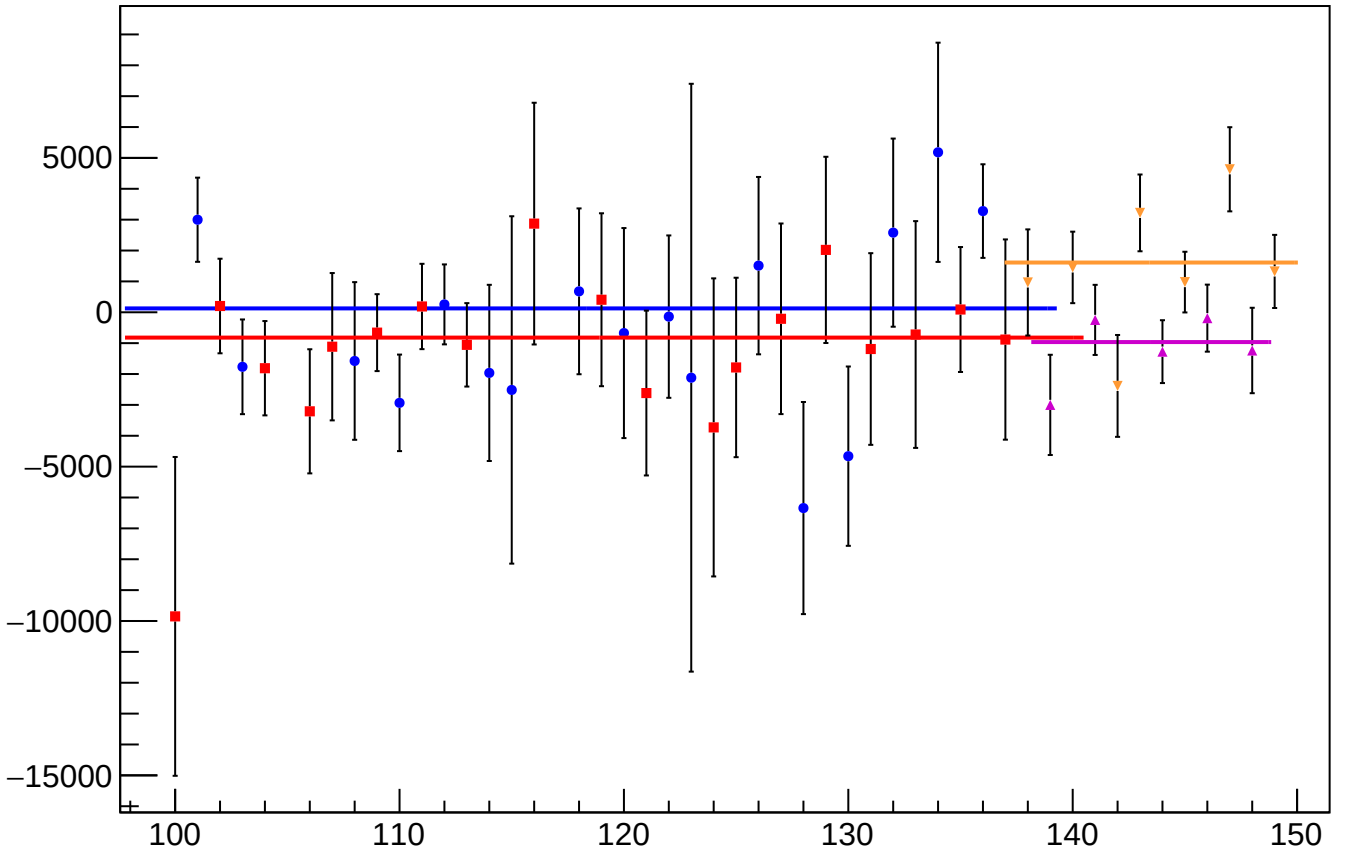
Left: 1072.724+/-0.254 χ^2/NDF: 434685.2/11

Right: 1265.578+/-0.253 χ^2/NDF: 2514618.3/35

In: 1202.648+/-0.269 χ^2/NDF:1481800.0/21

Out: 1142.431+/-0.241 χ^2/NDF:1728901.0/25

All: 1169.200+/-0.179 χ^2/NDF: 3238554.6/47



Right In: 125.377+/-526.801 χ^2/NDF: 24.7/16

Left Out: 1611.316+/-477.545 χ^2/NDF:13.1/6

Right Out: -820.213+/-484.659 χ^2/NDF: 9.1/18

Left In: -964.884+/-535.228 χ^2/NDF:2.6/4

Left: 469.471+/-356.330 χ^2/NDF: 28.6/11

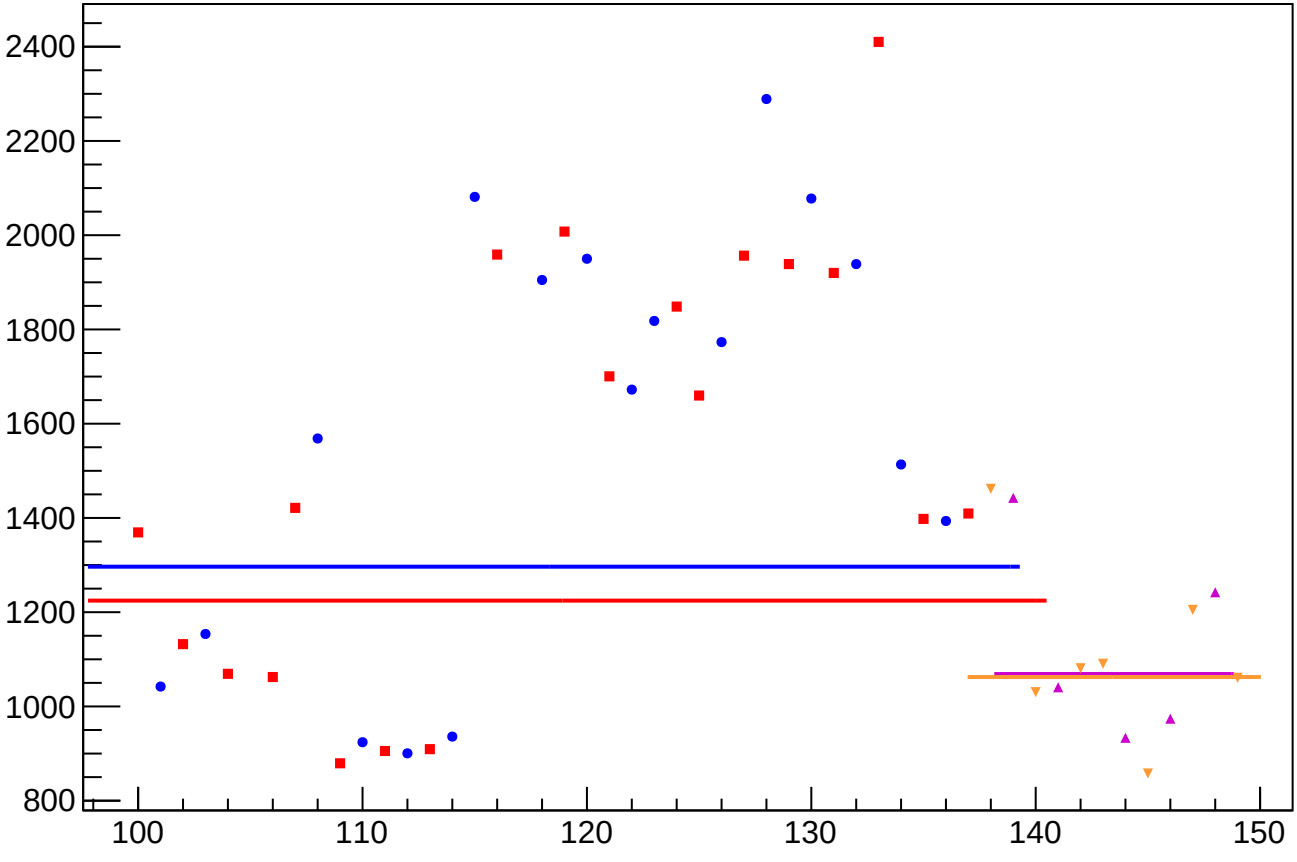
Right: -386.748+/-356.675 χ^2/NDF: 35.5/35

In: -411.103+/-375.449 χ^2/NDF:29.4/21

Out: 413.528+/-340.162 χ^2/NDF:34.9/25

All: 41.776+/-252.085 χ^2/NDF: 67.0/47

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF: 1175465.2/16

Left Out: 1062.401+/-0.338 χ^2/NDF:219357.3/6

Right Out: 1224.561+/-0.343 χ^2/NDF: 1348274.4/18

Left In: 1068.740+/-0.378 χ^2/NDF:189296.9/4

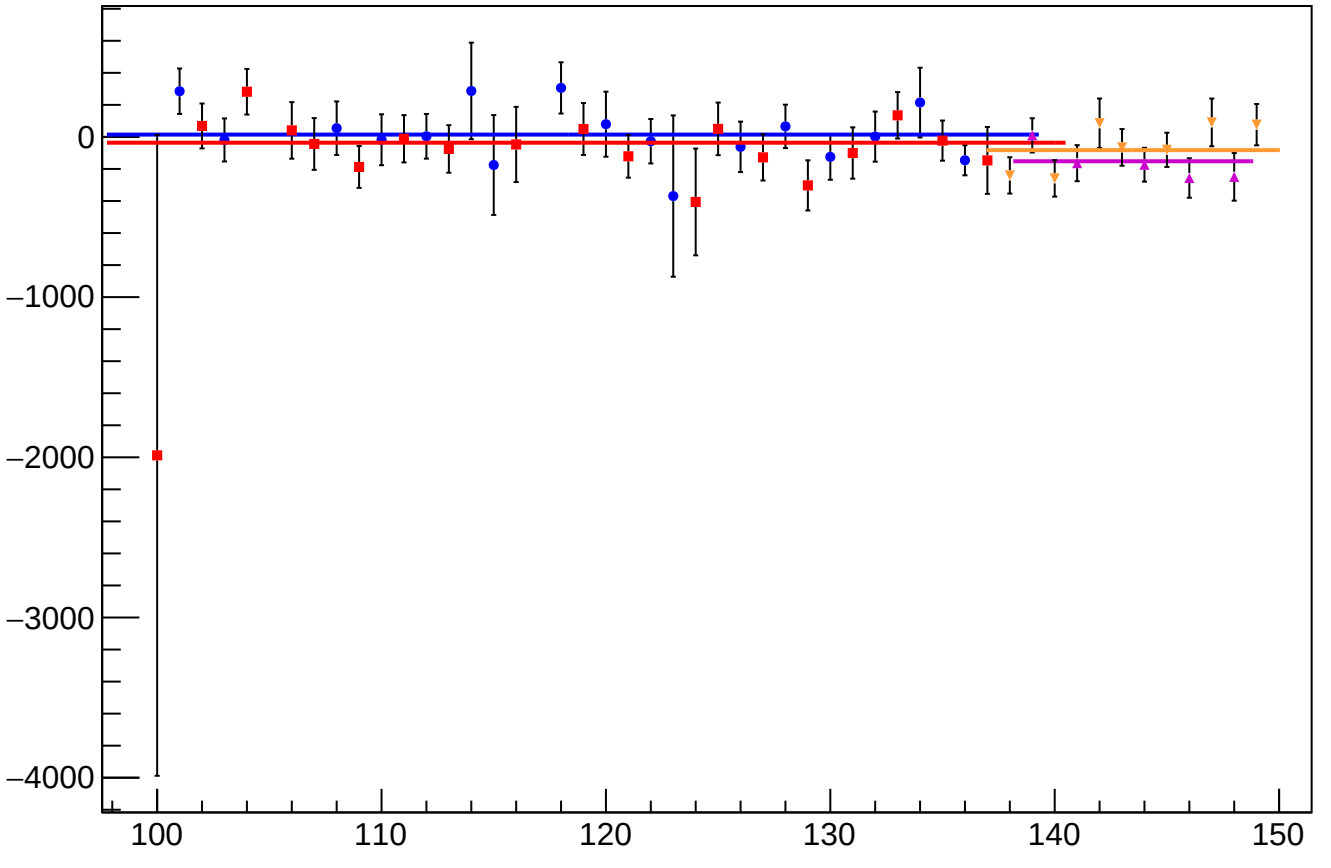
Left: 1065.211+/-0.252 χ^2/NDF: 408810.4/11

Right: 1257.572+/-0.252 χ^2/NDF: 2543980.3/35

In: 1184.465+/-0.265 χ^2/NDF:1548836.4/21

Out: 1142.282+/-0.241 χ^2/NDF:1681233.9/25

All: 1161.298+/-0.178 χ^2/NDF: 3243935.1/47



Right In: 14.577+/-38.017 χ^2/NDF: 14.2/16

Left Out: -82.445+/-46.330 χ^2/NDF:8.4/6

Right Out: -36.133+/-36.722 χ^2/NDF: 15.5/18

Left In: -151.941+/-52.164 χ^2/NDF:3.5/4

Left: -113.091+/-34.640 χ^2/NDF: 12.9/11

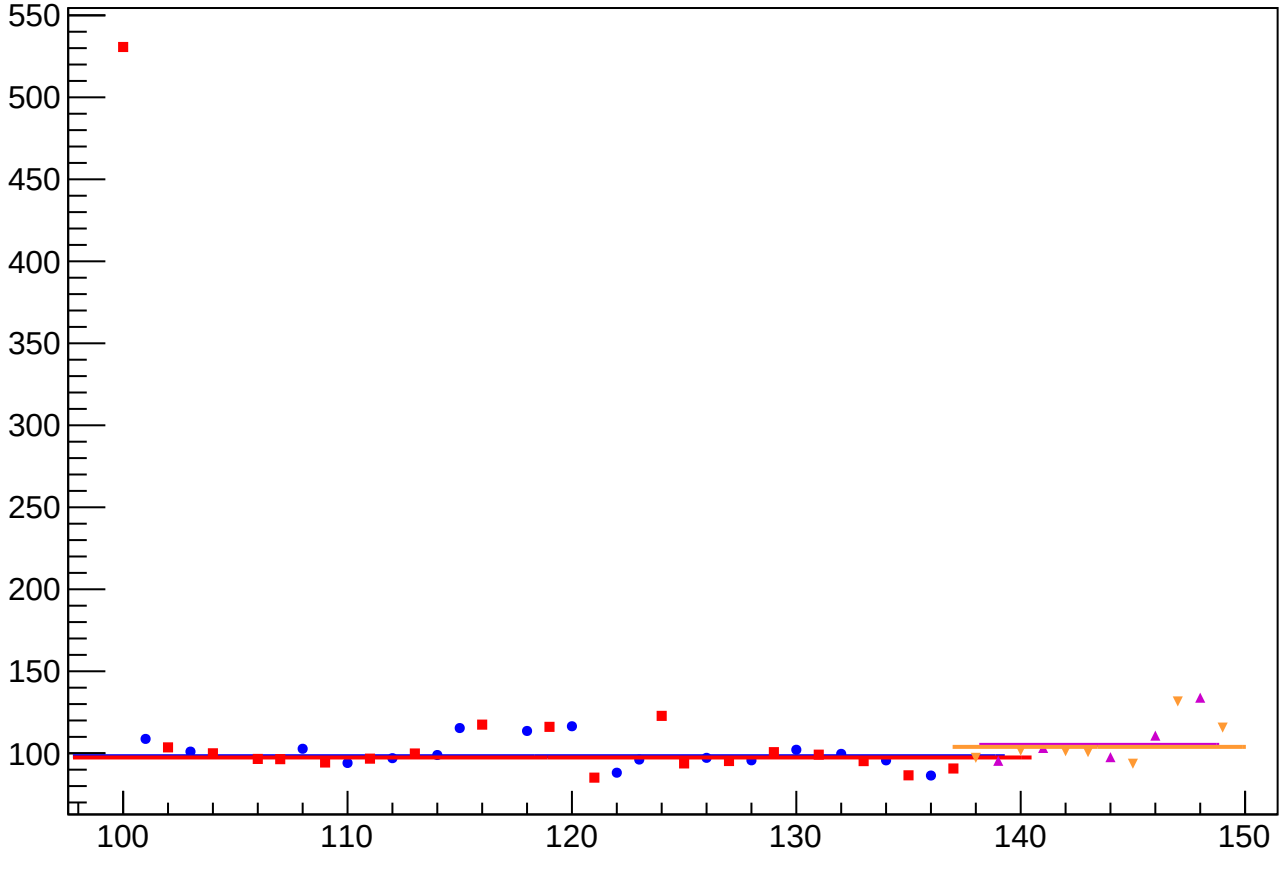
Right: -11.656+/-26.412 χ^2/NDF: 30.6/35

In: -43.187+/-30.723 χ^2/NDF:24.3/21

Out: -54.002+/-28.778 χ^2/NDF:24.5/25

All: -48.947+/-21.003 χ^2/NDF: 48.9/47

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF: 100510.4/16

Left Out: 103.900+/-0.033 χ^2/NDF:114289.9/6

Right Out: 97.436+/-0.026 χ^2/NDF: 190066.6/18

Left In: 105.126+/-0.037 χ^2/NDF:106141.6/4

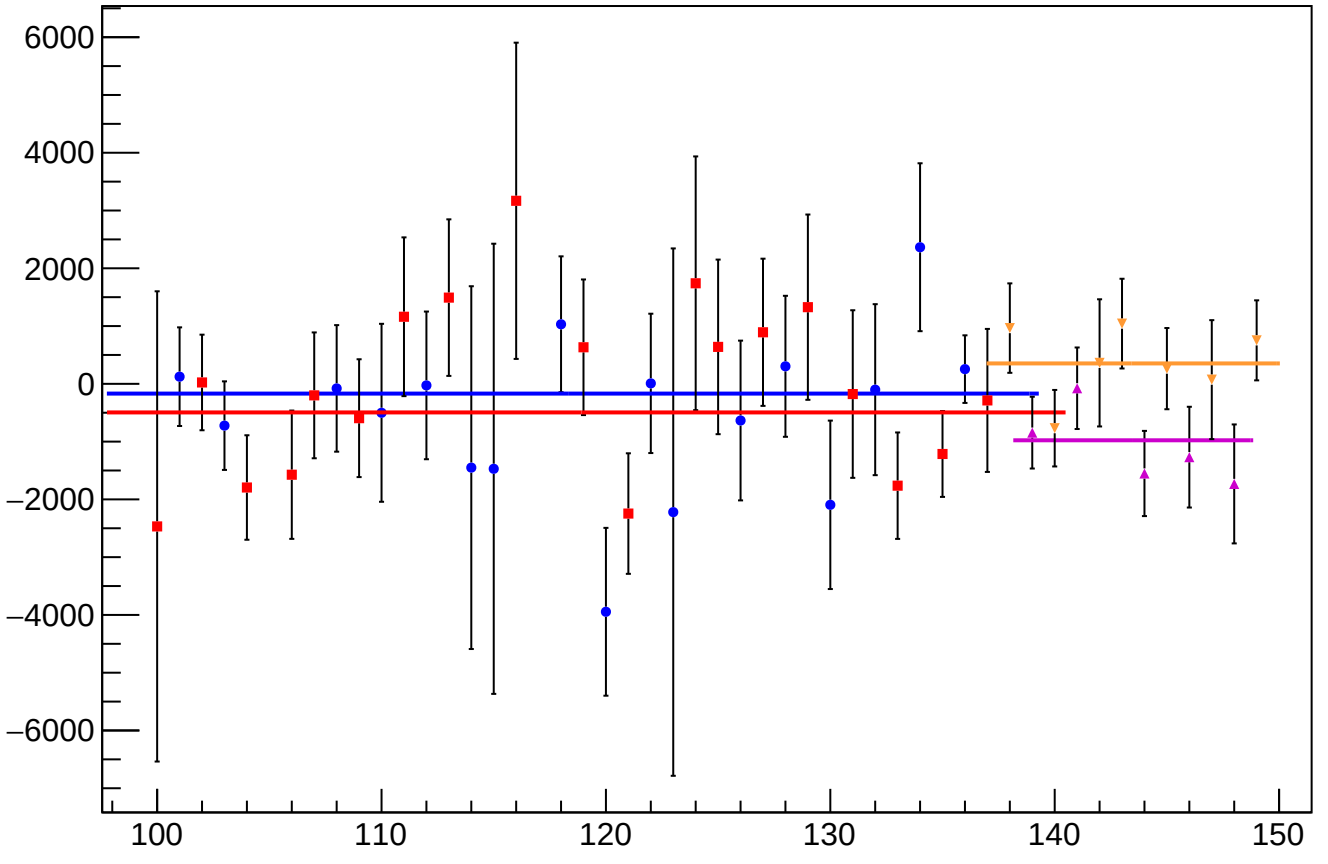
Left: 104.441+/-0.024 χ^2/NDF: 221049.3/11

Right: 97.814+/-0.019 χ^2/NDF: 291015.4/35

In: 100.615+/-0.022 χ^2/NDF:229554.4/21

Out: 99.930+/-0.020 χ^2/NDF:328264.7/25

All: 100.250+/-0.015 χ^2/NDF: 558348.2/47



Right In: -168.802+/-282.178 χ^2/NDF: 14.6/16

Left Out: 353.268+/-295.065 χ^2/NDF:4.7/6

Right Out: -494.868+/-267.430 χ^2/NDF: 19.8/18

Left In: -977.167+/-339.060 χ^2/NDF:2.9/4

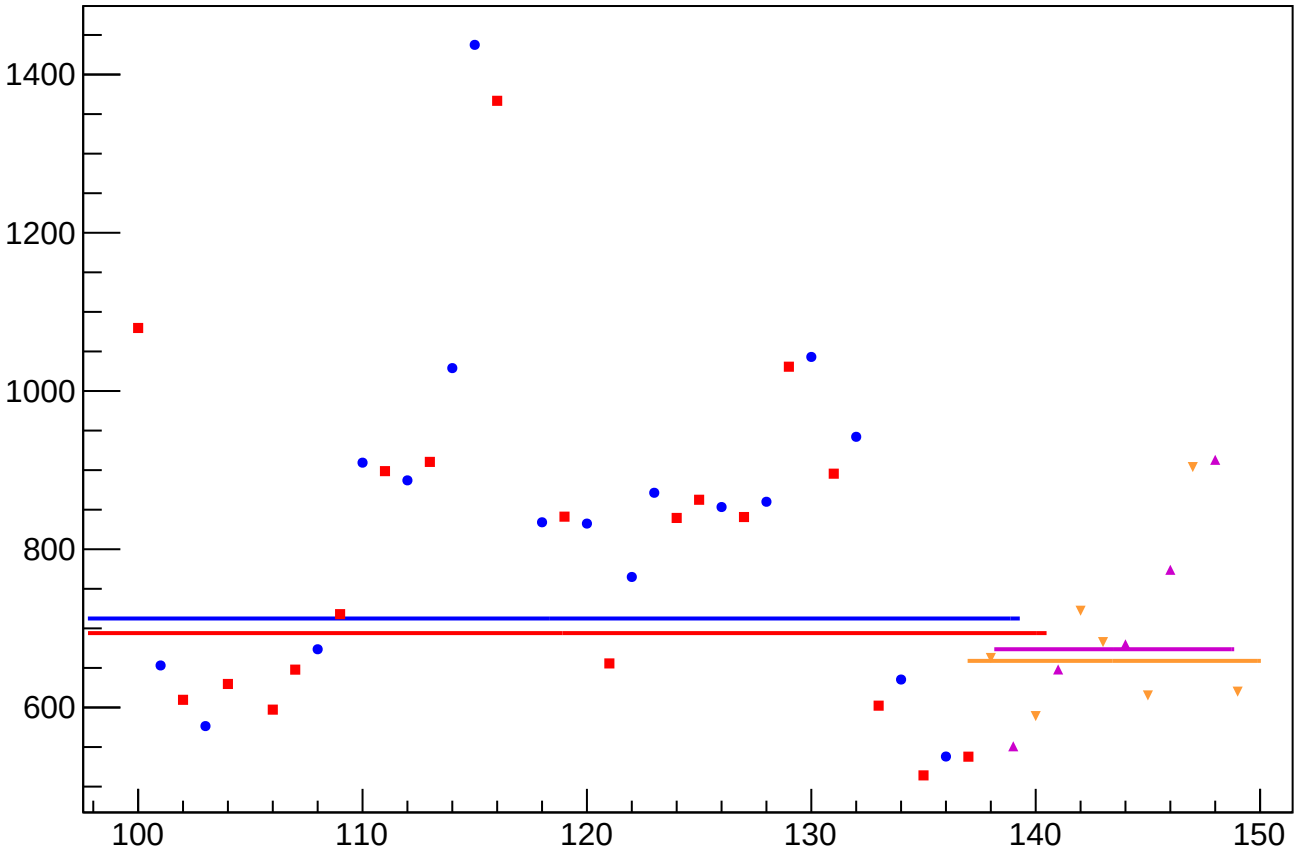
Left: -220.088+/-222.583 χ^2/NDF: 16.4/11

Right: -340.578+/-194.106 χ^2/NDF: 35.1/35

In: -499.585+/-216.892 χ^2/NDF:20.9/21

Out: -112.368+/-198.153 χ^2/NDF:29.1/25

All: -288.529+/-146.293 χ^2/NDF: 51.7/47



Right In: 712.476+/-0.200 χ^2/NDF: 660520.6/16

Left Out: 658.918+/-0.209 χ^2/NDF:157991.9/6

Right Out: 694.014+/-0.189 χ^2/NDF: 674989.2/18

Left In: 673.631+/-0.240 χ^2/NDF:215459.0/4

Left: 665.259+/-0.157 χ^2/NDF: 375593.9/11

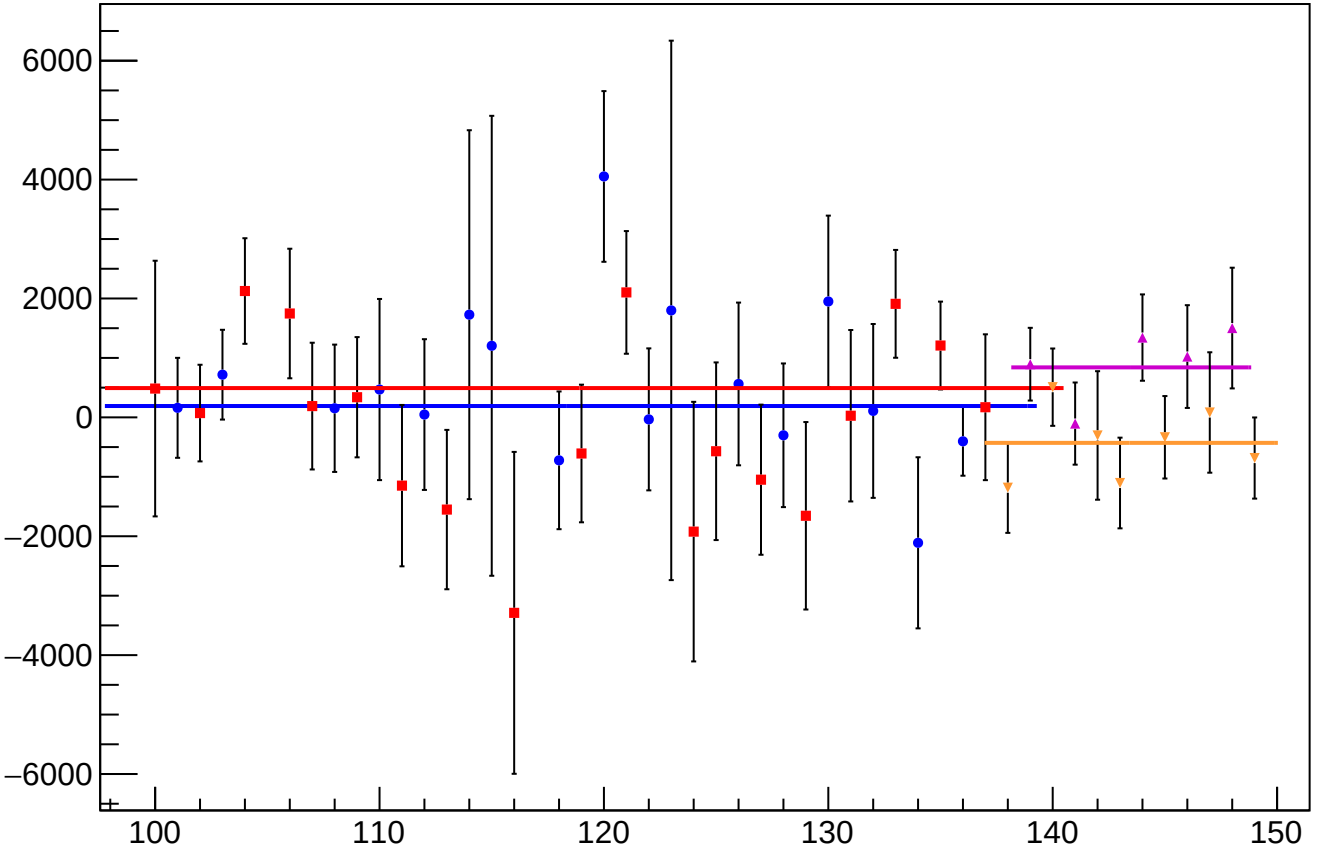
Right: 702.750+/-0.137 χ^2/NDF: 1340019.7/35

In: 696.581+/-0.153 χ^2/NDF:891488.6/21

Out: 678.186+/-0.140 χ^2/NDF:848515.9/25

All: 686.555+/-0.103 χ^2/NDF: 1747845.1/47

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF: 14.2/16

Left Out: -429.015+/-290.265 χ^2/NDF:4.3/6

Right Out: 492.659+/-262.648 χ^2/NDF: 22.8/18

Left In: 840.817+/-333.894 χ^2/NDF:2.8/4

Left: 117.573+/-219.061 χ^2/NDF: 15.3/11

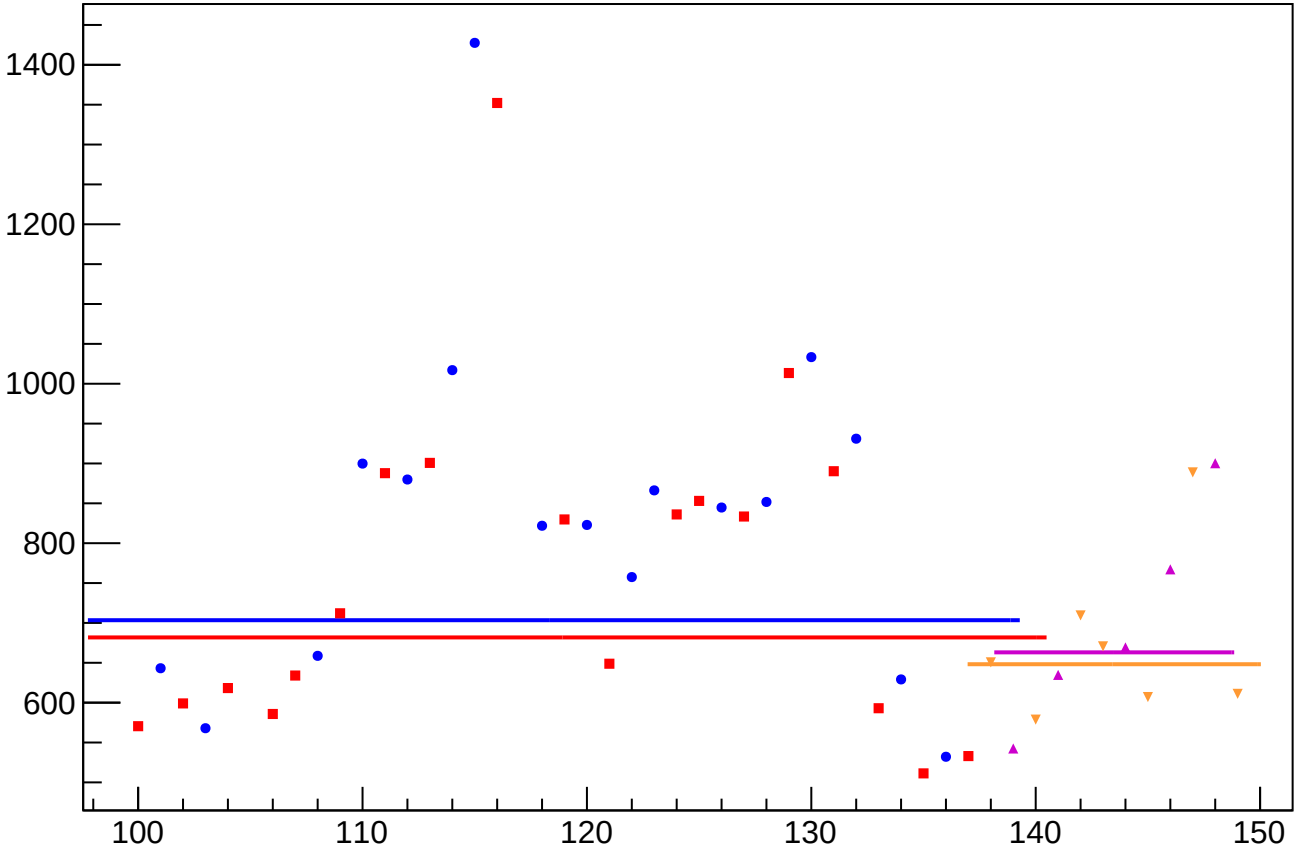
Right: 350.694+/-191.134 χ^2/NDF: 37.6/35

In: 457.728+/-213.946 χ^2/NDF:19.3/21

Out: 77.744+/-194.754 χ^2/NDF:32.6/25

All: 249.932+/-144.020 χ^2/NDF: 53.6/47

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF: 666885.8/16

Left Out: 648.196+/-0.205 χ^2/NDF:156810.2/6

Right Out: 681.807+/-0.186 χ^2/NDF: 664797.9/18

Left In: 663.082+/-0.236 χ^2/NDF:219374.0/4

Left: 654.604+/-0.155 χ^2/NDF: 378448.2/11

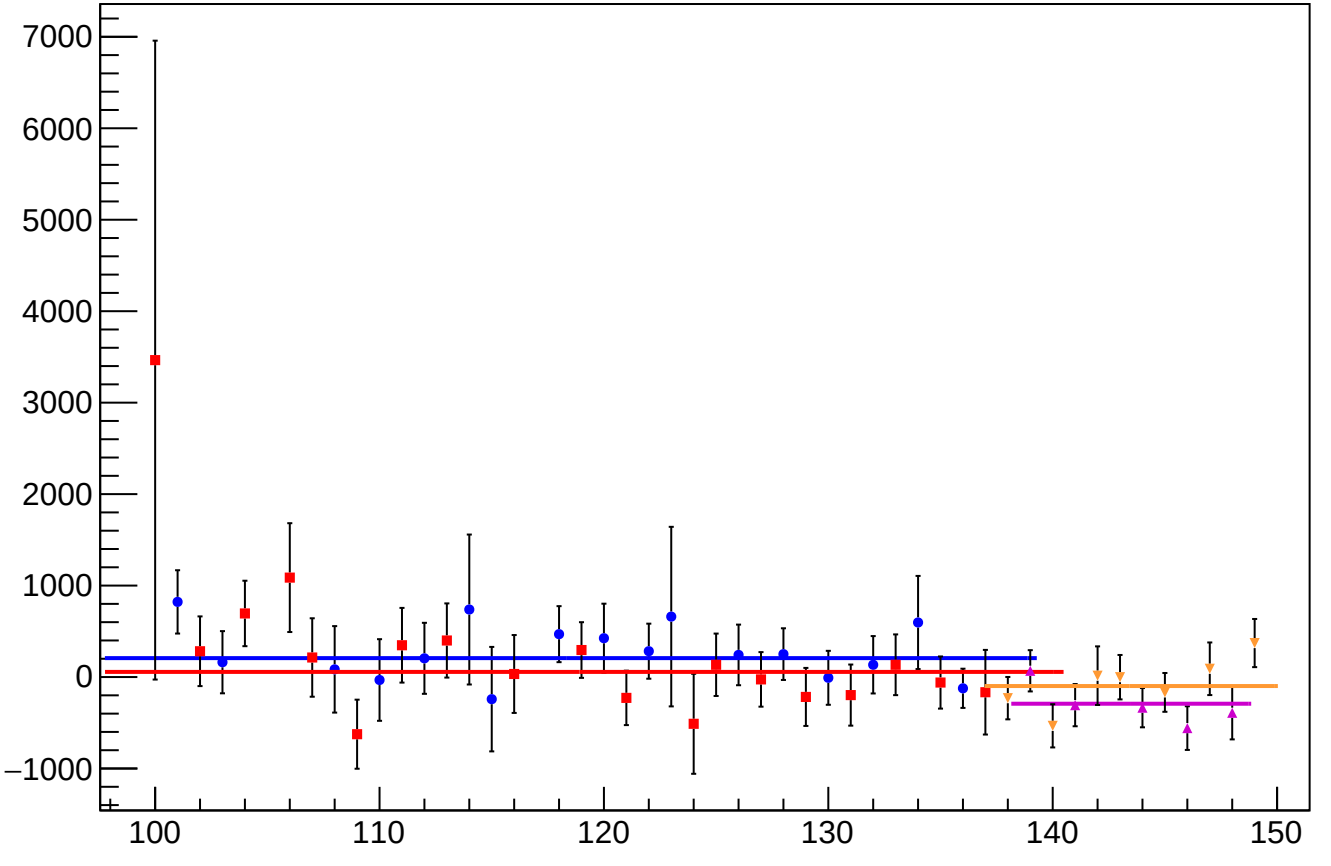
Right: 691.968+/-0.135 χ^2/NDF: 1338046.5/35

In: 686.850+/-0.151 χ^2/NDF:903453.5/21

Out: 666.676+/-0.138 χ^2/NDF:836351.9/25

All: 675.818+/-0.102 χ^2/NDF: 1749530.1/47

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874+/-85.632 χ^2/NDF: 9.5/16

Left Out: -98.394+/-94.495 χ^2/NDF:7.7/6

Right Out: 56.213+/-85.167 χ^2/NDF: 16.6/18

Left In: -291.699+/-105.712 χ^2/NDF:4.0/4

Left: -184.250+/-70.451 χ^2/NDF: 13.5/11

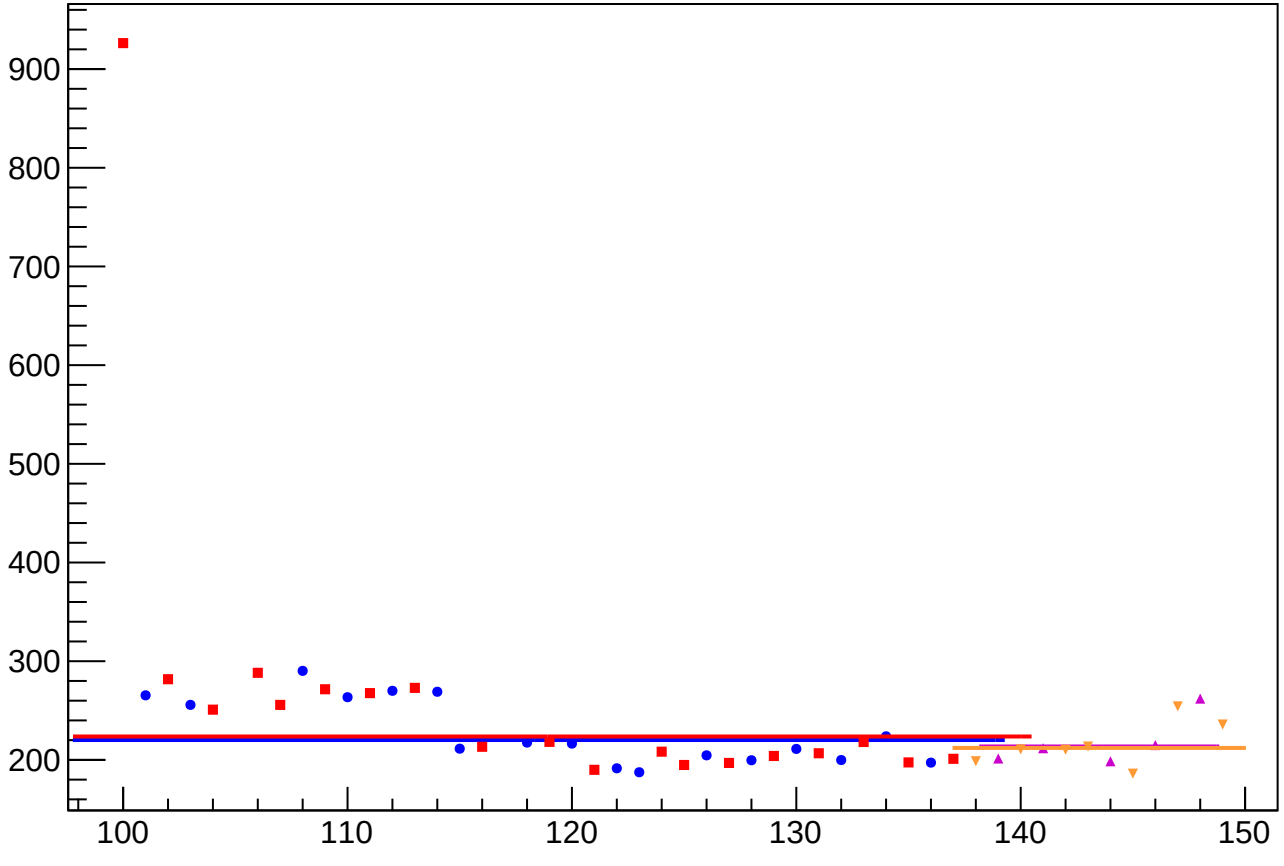
Right: 131.133+/-60.386 χ^2/NDF: 27.7/35

In: 9.341+/-66.540 χ^2/NDF:26.9/21

Out: -13.085+/-63.264 χ^2/NDF:25.8/25

All: -2.438+/-45.849 χ^2/NDF: 52.8/47

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF: 228444.0/16

Left Out: 212.128+/-0.067 χ^2/NDF:96282.2/6

Right Out: 223.705+/-0.060 χ^2/NDF: 353242.3/18

Left In: 213.589+/-0.075 χ^2/NDF:71274.9/4

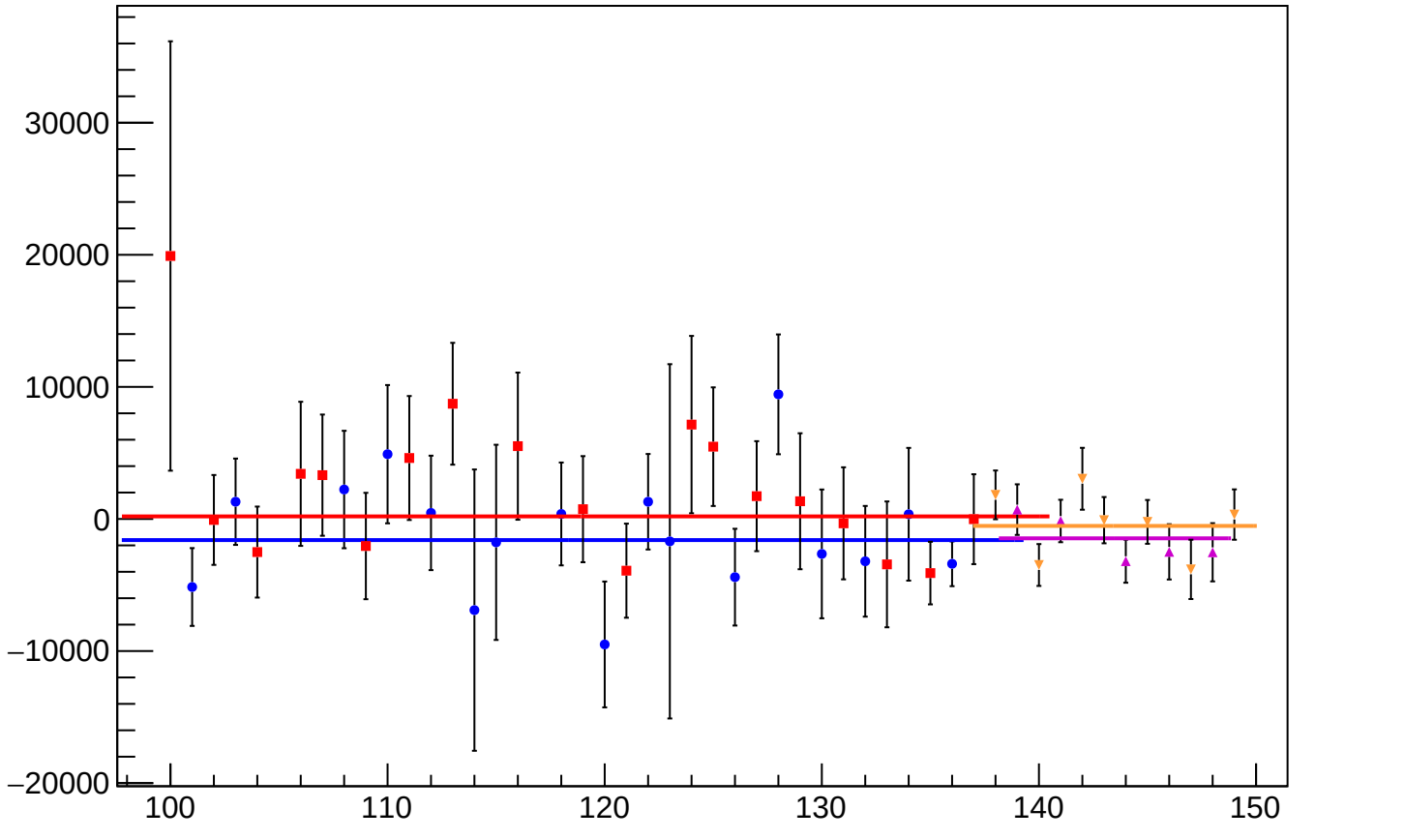
Left: 212.777+/-0.050 χ^2/NDF: 167769.5/11

Right: 221.929+/-0.043 χ^2/NDF: 583436.5/35

In: 217.540+/-0.047 χ^2/NDF:304346.1/21

Out: 218.516+/-0.045 χ^2/NDF:466090.0/25

All: 218.053+/-0.032 χ^2/NDF: 770662.1/47



Right In: -1599.045+/-921.042 χ^2/NDF: 16.6/16

Left Out: -527.226+/-700.657 χ^2/NDF:9.9/6

Right Out: 194.970+/-947.480 χ^2/NDF: 16.3/18

Left In: -1466.366+/-825.017 χ^2/NDF:3.5/4

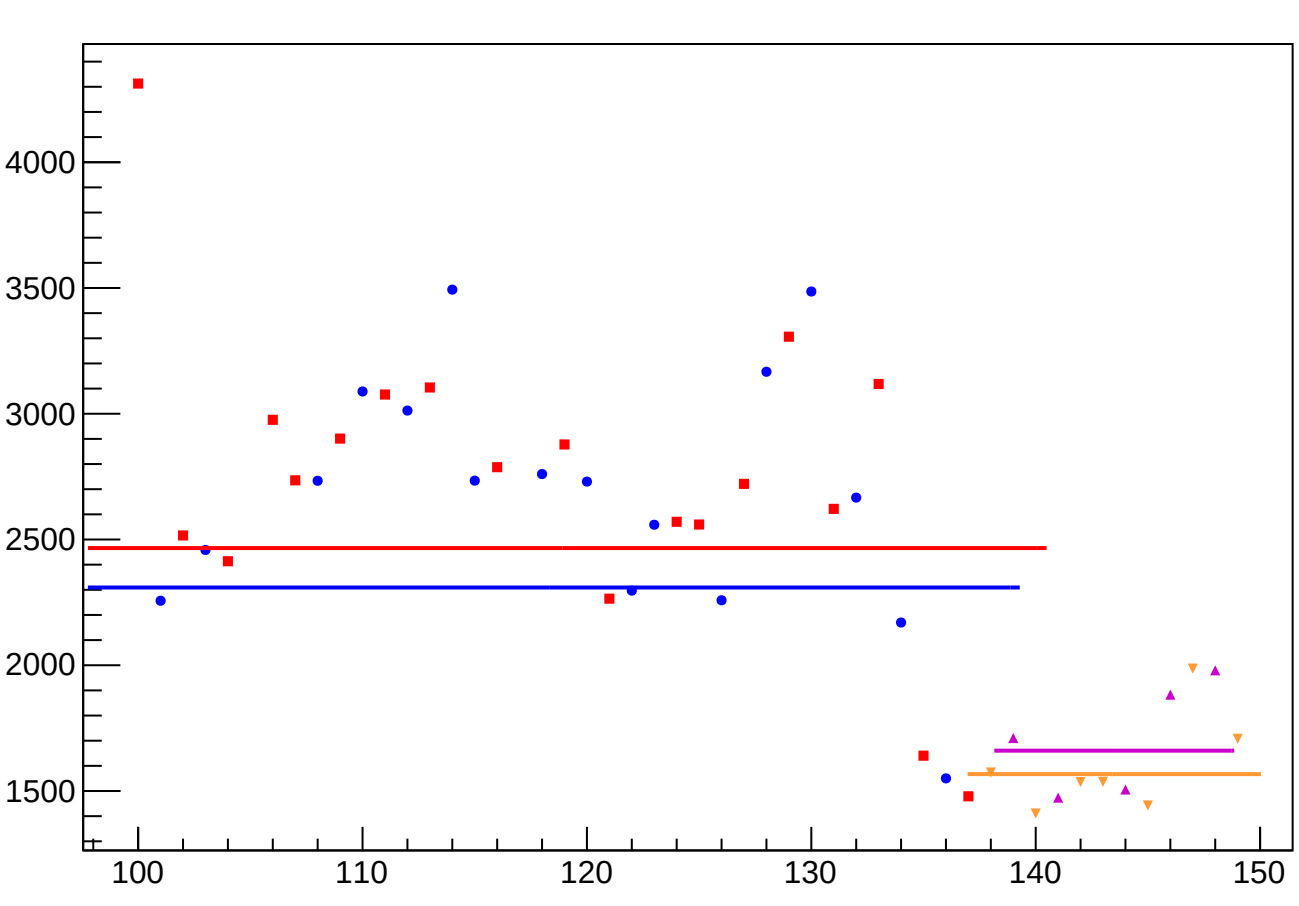
Left: -920.750+/-534.052 χ^2/NDF: 14.2/11

Right: -727.416+/-660.424 χ^2/NDF: 34.8/35

In: -1525.431+/-614.529 χ^2/NDF:20.2/21

Out: -271.911+/-563.353 χ^2/NDF:26.6/25

All: -844.311+/-415.267 χ^2/NDF: 49.0/47



Right In: 2309.132+/-0.651 χ^2/NDF: 800728.2/16

Left Out: 1567.220+/-0.495 χ^2/NDF:112518.1/6

Right Out: 2465.900+/-0.670 χ^2/NDF: 694086.3/18

Left In: 1660.438+/-0.583 χ^2/NDF:110988.4/4

Left: 1606.281+/-0.378 χ^2/NDF: 238340.6/11

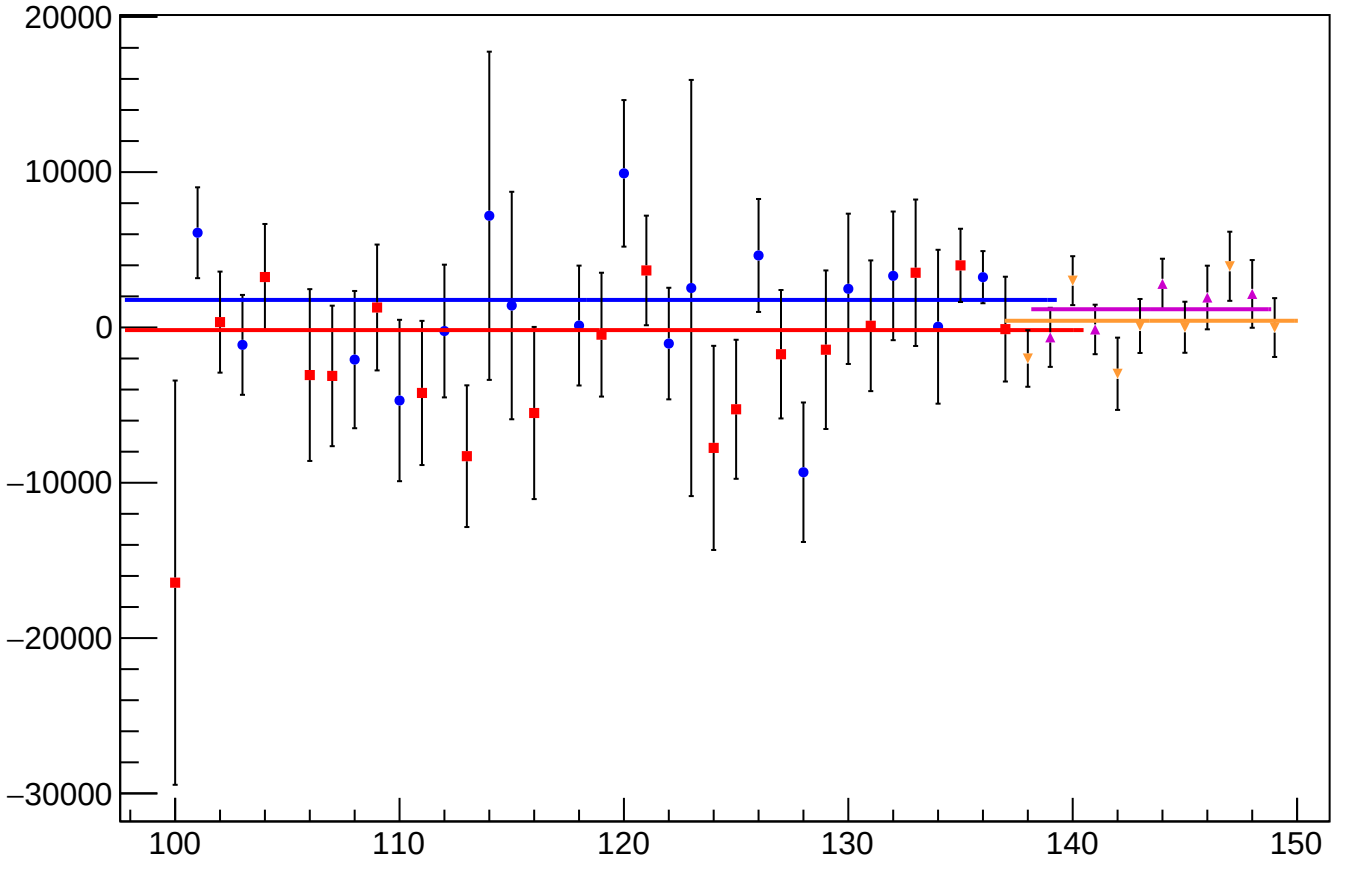
Right: 2385.298+/-0.467 χ^2/NDF: 1522965.3/35

In: 1949.218+/-0.435 χ^2/NDF:1462156.1/21

Out: 1884.927+/-0.398 χ^2/NDF:1969792.5/25

All: 1914.284+/-0.294 χ^2/NDF: 3443842.7/47

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF: 17.3/16

Left Out: 429.194+/-694.756 χ^2/NDF:9.3/6

Right Out: -170.902+/-937.411 χ^2/NDF: 16.0/18

Left In: 1171.746+/-816.151 χ^2/NDF:2.9/4

Left: 741.192+/-529.033 χ^2/NDF: 12.7/11

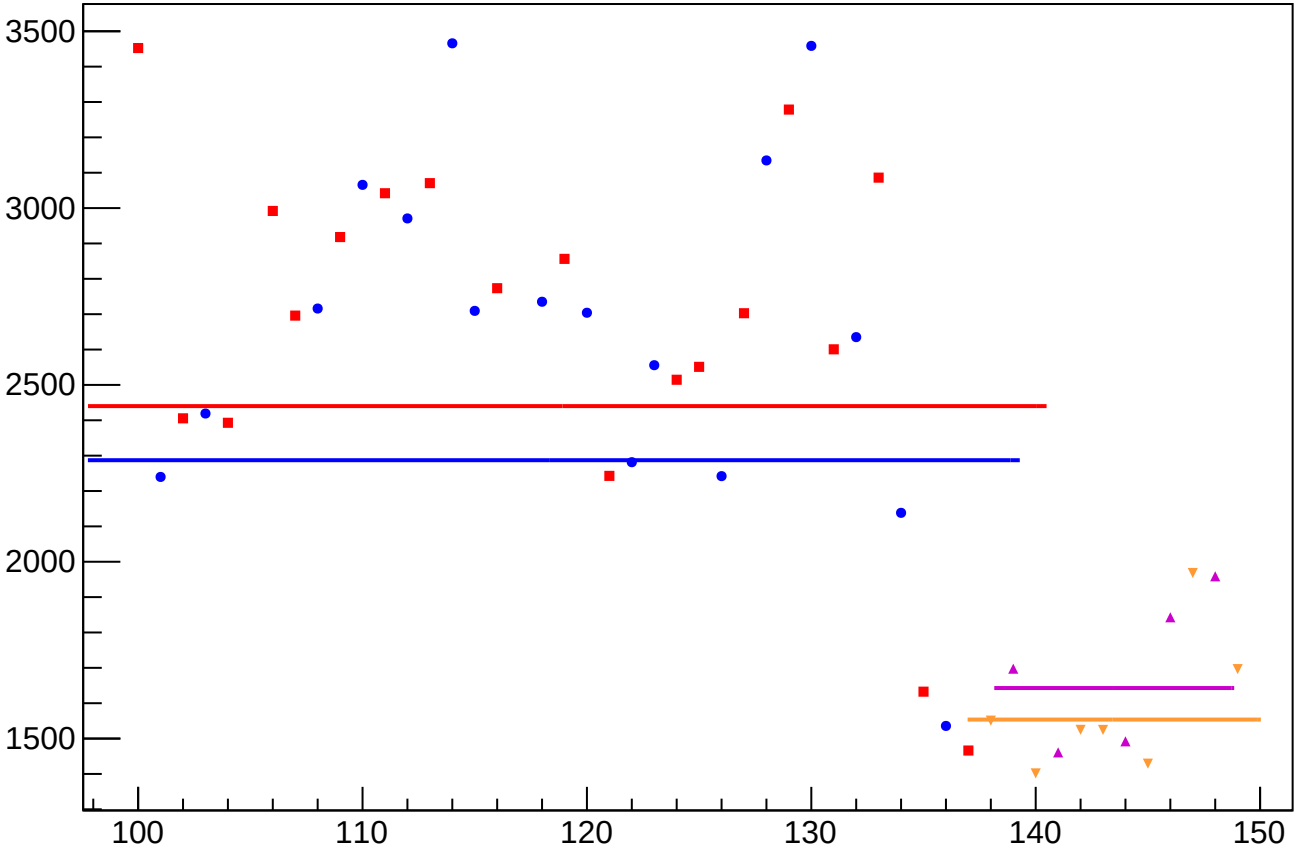
Right: 826.520+/-653.801 χ^2/NDF: 35.6/35

In: 1438.256+/-608.277 χ^2/NDF:20.5/21

Out: 216.433+/-558.169 χ^2/NDF:25.6/25

All: 774.954+/-411.260 χ^2/NDF: 48.3/47

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF: 799399.0/16

Left Out: 1553.714+/-0.491 χ^2/NDF:111810.1/6

Right Out: 2440.067+/-0.663 χ^2/NDF: 679108.5/18

Left In: 1642.926+/-0.577 χ^2/NDF:106164.9/4

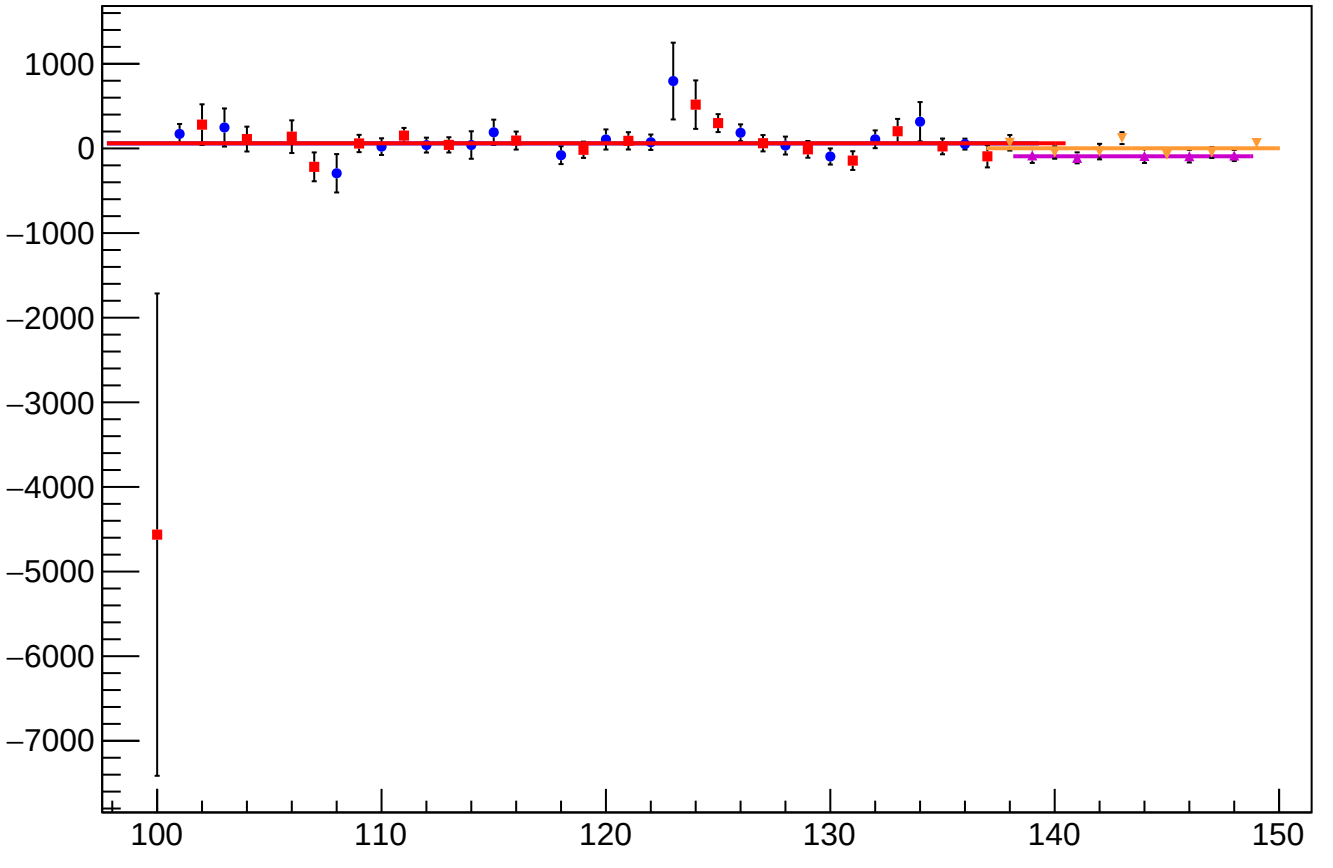
Left: 1591.198+/-0.374 χ^2/NDF: 231831.0/11

Right: 2361.511+/-0.462 χ^2/NDF: 1505856.7/35

In: 1929.281+/-0.430 χ^2/NDF:1459421.2/21

Out: 1867.966+/-0.395 χ^2/NDF:1945035.5/25

All: 1895.994+/-0.291 χ^2/NDF: 3415489.0/47



Right In: 59.656+/-27.080 χ^2/NDF: 15.3/16

Left Out: 2.024+/-26.197 χ^2/NDF:7.6/6

Right Out: 60.983+/-27.009 χ^2/NDF: 22.3/18

Left In: -92.785+/-32.930 χ^2/NDF:0.1/4

Left: -34.722+/-20.501 χ^2/NDF: 12.8/11

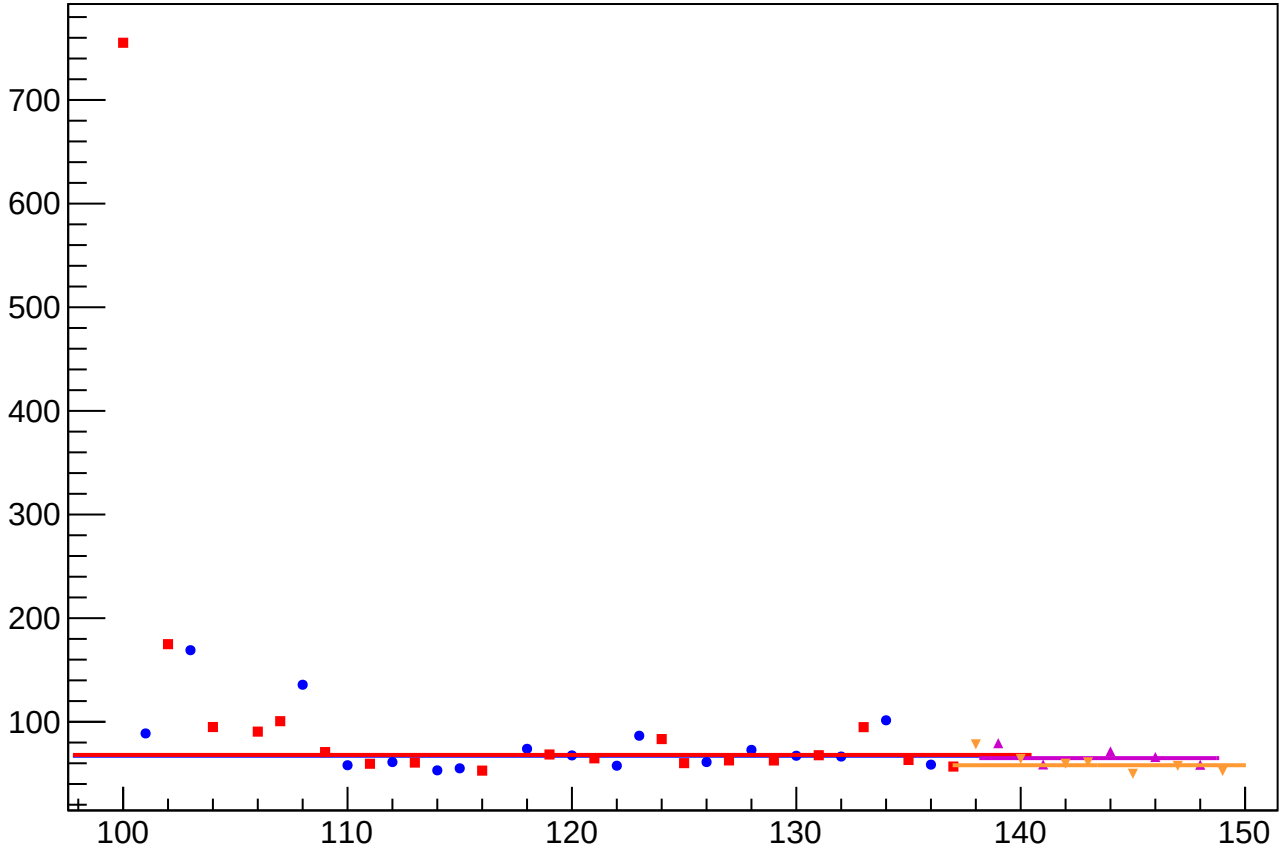
Right: 60.322+/-19.123 χ^2/NDF: 37.7/35

In: -1.842+/-20.916 χ^2/NDF:28.2/21

Out: 30.603+/-18.805 χ^2/NDF:32.4/25

All: 16.100+/-13.984 χ^2/NDF: 61.9/47

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF: 841352.2/16

Left Out: 58.111+/-0.019 χ^2/NDF:173615.1/6

Right Out: 68.060+/-0.019 χ^2/NDF: 870616.5/18

Left In: 64.969+/-0.023 χ^2/NDF:101685.3/4

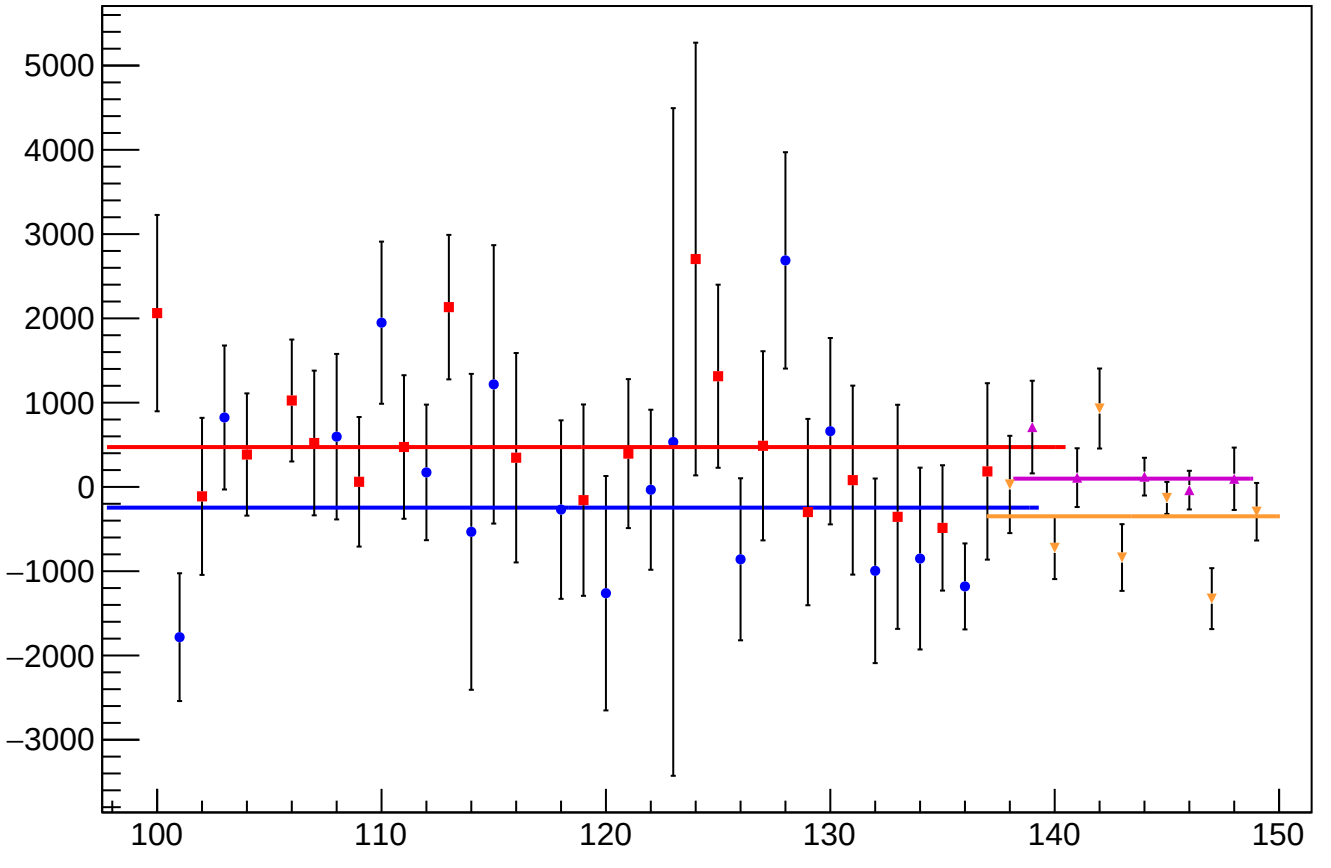
Left: 60.769+/-0.014 χ^2/NDF: 328424.5/11

Right: 67.679+/-0.014 χ^2/NDF: 1712764.6/35

In: 66.358+/-0.015 χ^2/NDF:948999.4/21

Out: 62.934+/-0.013 χ^2/NDF:1184053.6/25

All: 64.464+/-0.010 χ^2/NDF: 2162696.7/47



Right In: -245.631+/-235.404 χ^2/NDF: 23.8/16

Left Out: -348.360+/-123.936 χ^2/NDF:18.9/6

Right Out: 472.860+/-218.823 χ^2/NDF: 11.3/18

Left In: 98.258+/-131.519 χ^2/NDF:1.6/4

Left: -138.297+/-90.197 χ^2/NDF: 26.6/11

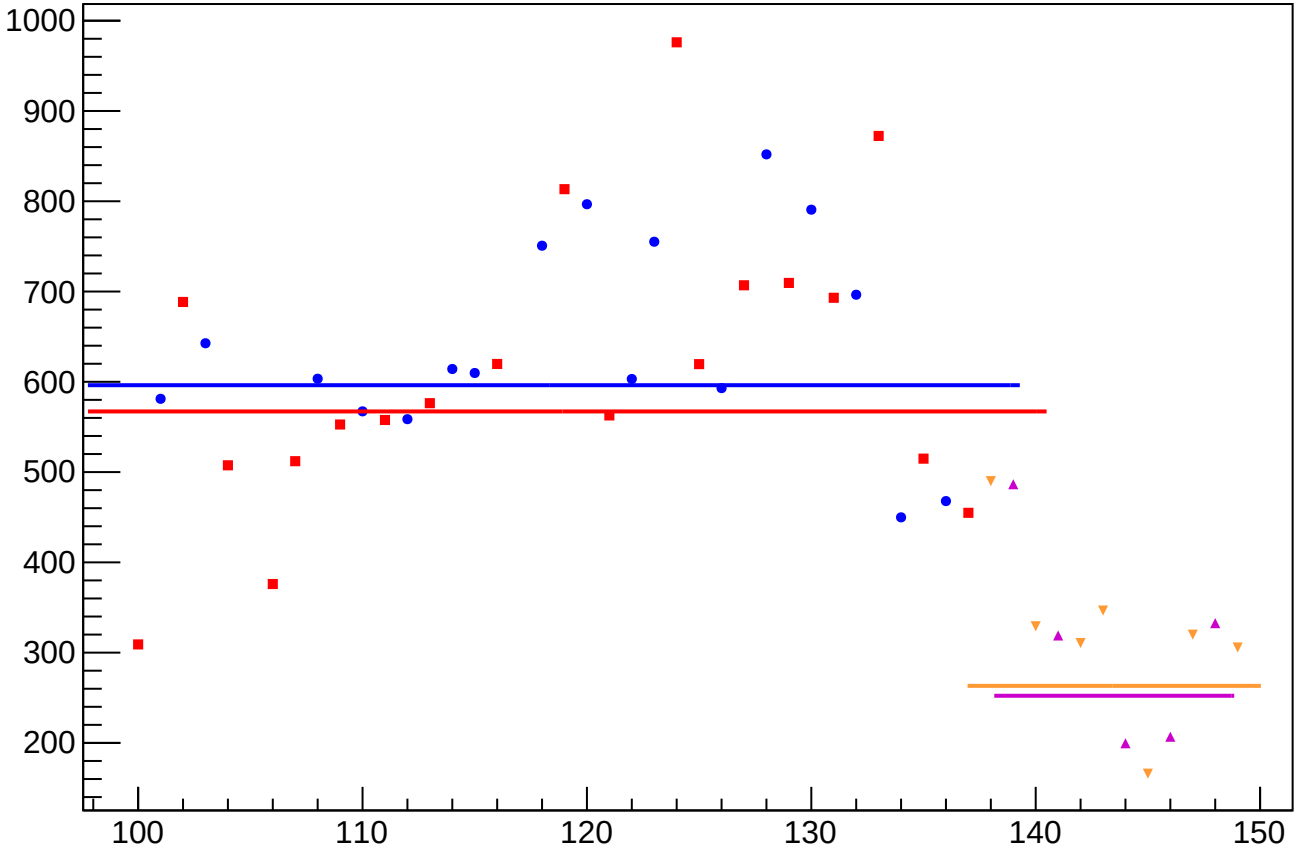
Right: 139.807+/-160.273 χ^2/NDF: 40.1/35

In: 16.452+/-114.815 χ^2/NDF:27.0/21

Out: -148.909+/-107.840 χ^2/NDF:40.9/25

All: -71.403+/-78.605 χ^2/NDF: 68.9/47

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF: 422153.3/16

Left Out: 263.206+/-0.088 χ^2/NDF:1086579.9/6

Right Out: 567.177+/-0.155 χ^2/NDF: 675391.6/18

Left In: 252.226+/-0.093 χ^2/NDF:720191.2/4

Left: 258.041+/-0.064 χ^2/NDF: 1814154.2/11

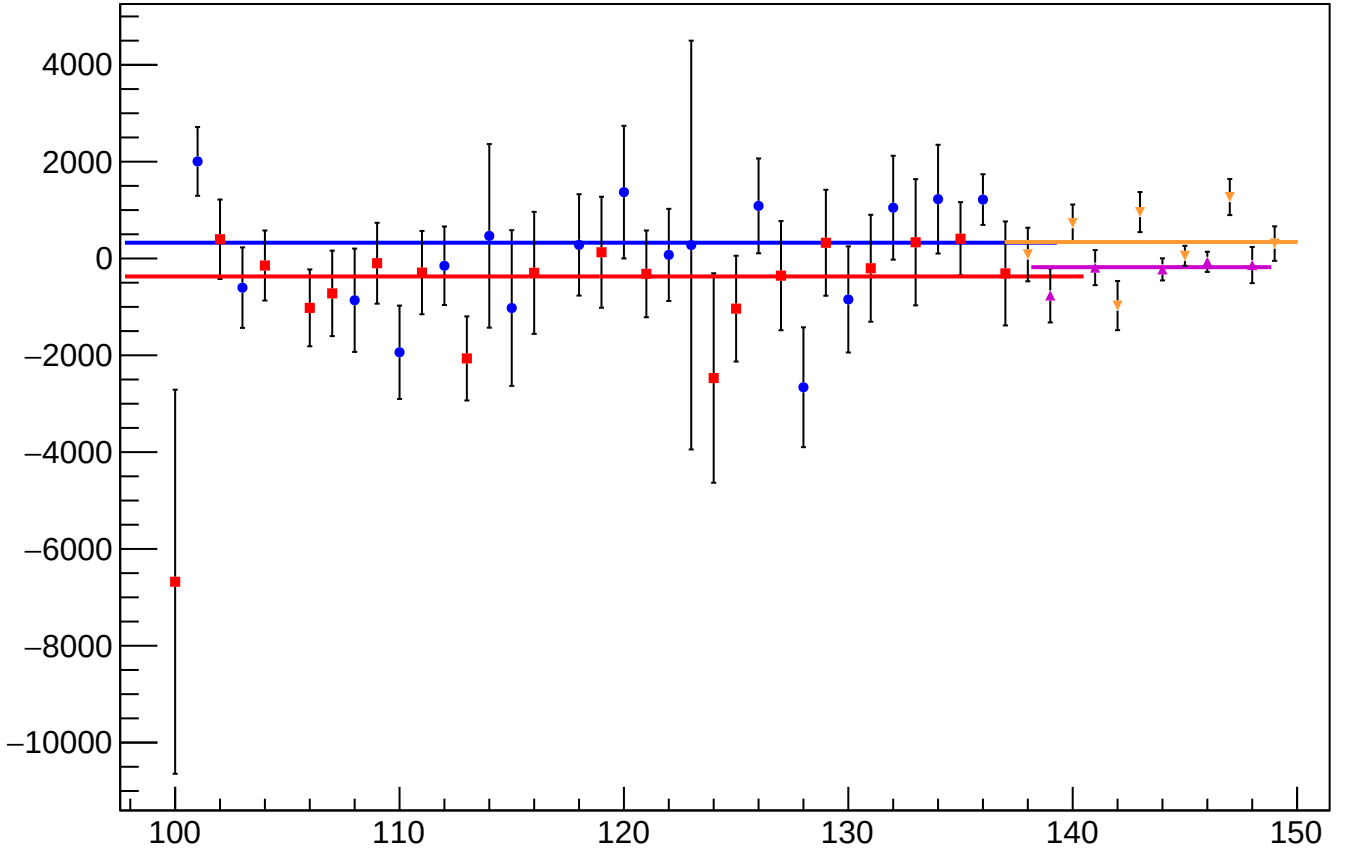
Right: 580.651+/-0.113 χ^2/NDF: 1113905.5/35

In: 334.063+/-0.081 χ^2/NDF:4397635.9/21

Out: 337.031+/-0.076 χ^2/NDF:4683956.2/25

All: 335.640+/-0.056 χ^2/NDF: 9082302.5/47

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF: 26.9/16

Left Out: 339.897+/-130.844 χ^2/NDF:18.3/6

Right Out: -370.721+/-224.892 χ^2/NDF: 11.5/18

Left In: -178.869+/-128.858 χ^2/NDF:1.4/4

Left: 76.547+/-91.810 χ^2/NDF: 27.7/11

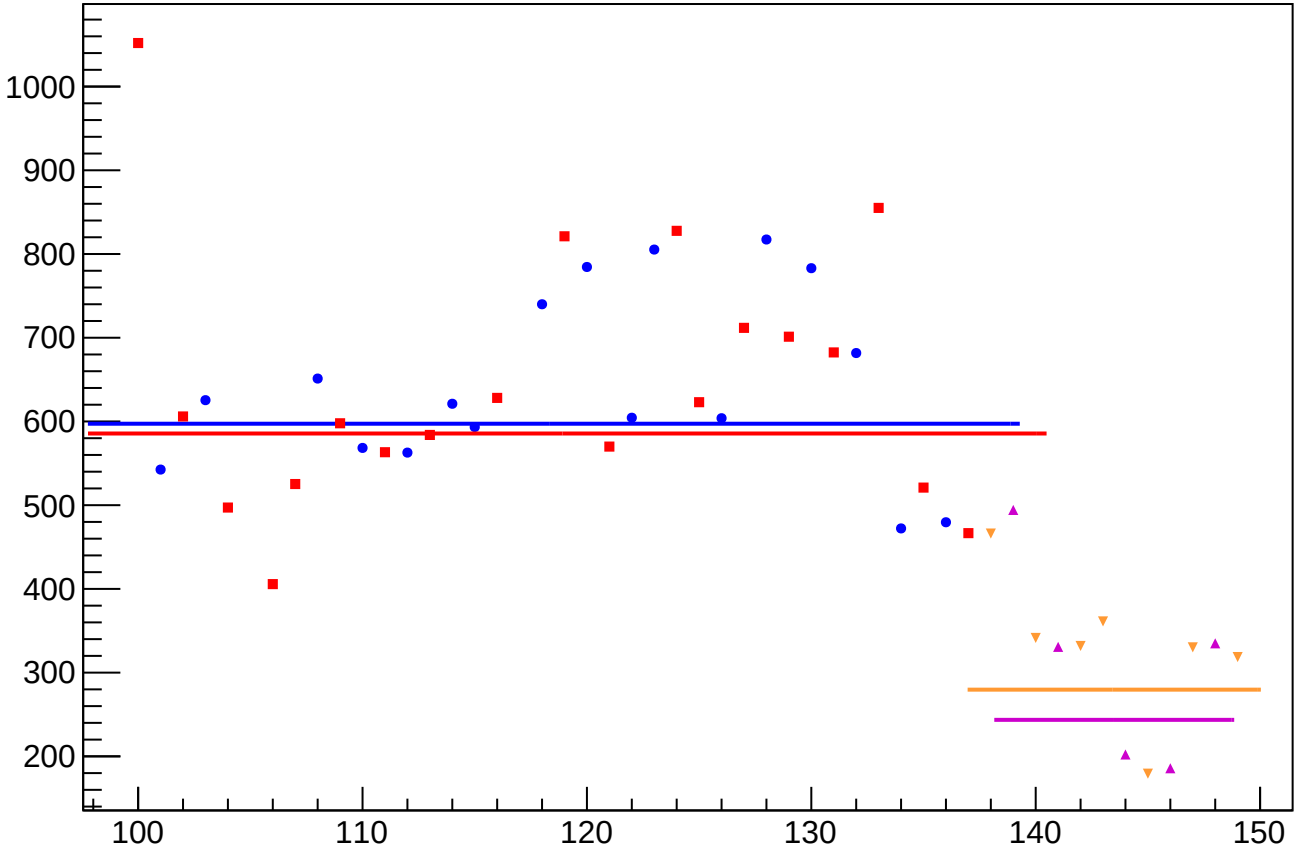
Right: -38.515+/-162.676 χ^2/NDF: 43.0/35

In: -62.600+/-113.053 χ^2/NDF:31.8/21

Out: 160.185+/-113.095 χ^2/NDF:37.3/25

All: 48.751+/-79.956 χ^2/NDF: 71.0/47

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298+/-0.167 χ^2/NDF: 363658.5/16

Left Out: 279.670+/-0.093 χ^2/NDF:913855.8/6

Right Out: 585.615+/-0.159 χ^2/NDF: 474610.2/18

Left In: 243.598+/-0.091 χ^2/NDF:859598.8/4

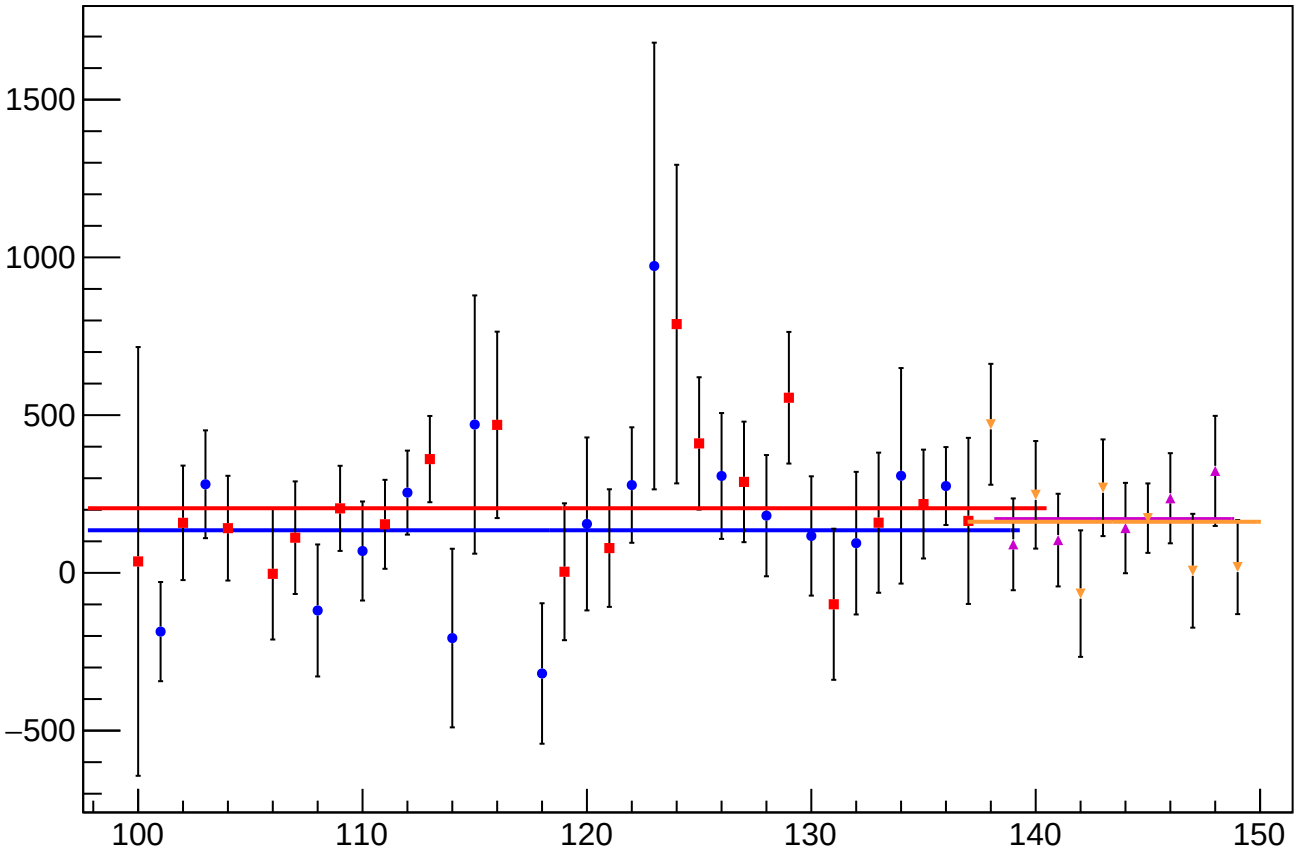
Left: 261.359+/-0.065 χ^2/NDF: 1850620.5/11

Right: 591.185+/-0.115 χ^2/NDF: 840841.8/35

In: 325.041+/-0.080 χ^2/NDF:4692983.5/21

Out: 357.043+/-0.080 χ^2/NDF:4153812.3/25

All: 341.036+/-0.057 χ^2/NDF: 8926891.9/47



Right In: 135.029+/-47.025 χ^2/NDF: 18.1/16

Left Out: 162.007+/-58.994 χ^2/NDF:6.3/6

Right Out: 204.866+/-44.440 χ^2/NDF: 12.1/18

Left In: 170.475+/-66.786 χ^2/NDF:1.5/4

Left: 165.718+/-44.215 χ^2/NDF: 7.8/11

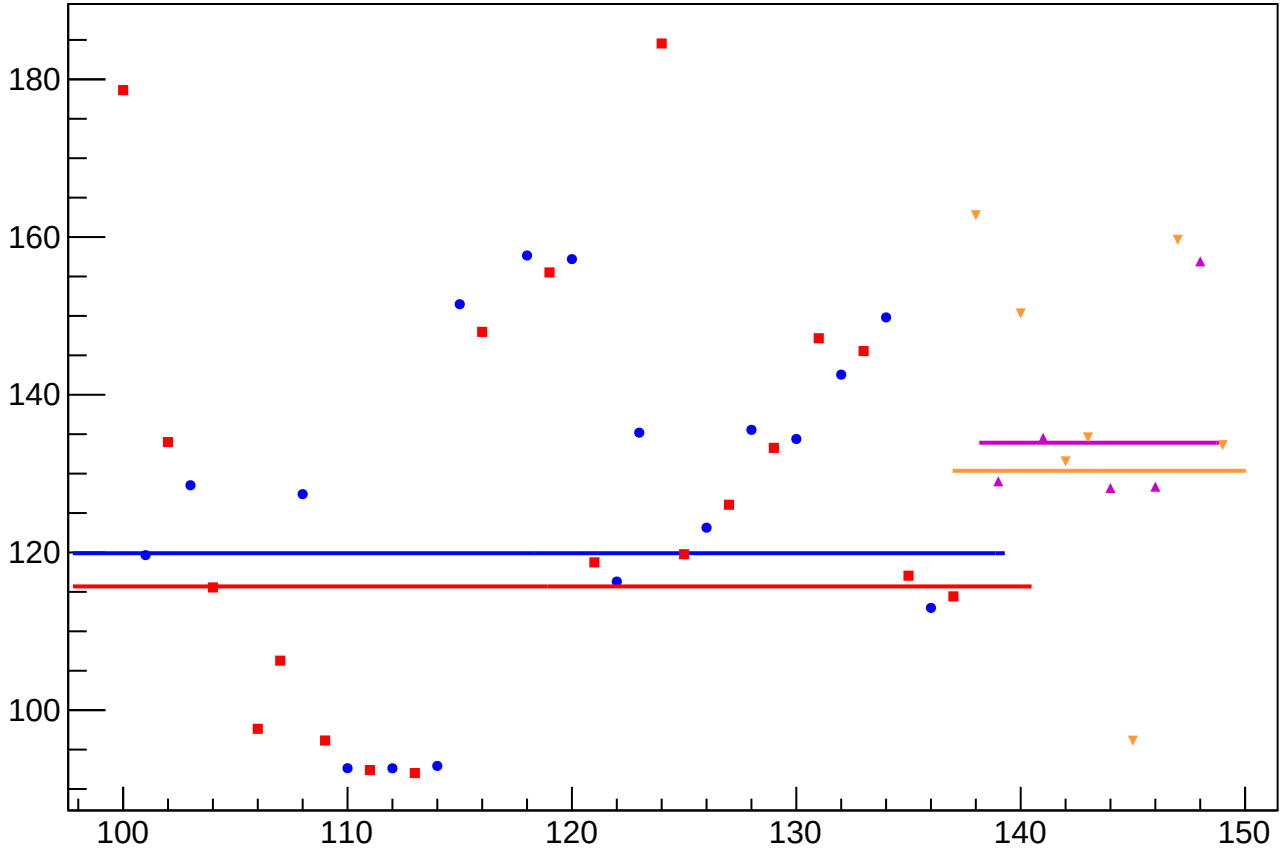
Right: 171.919+/-32.299 χ^2/NDF: 31.3/35

In: 146.777+/-38.450 χ^2/NDF:19.8/21

Out: 189.350+/-35.496 χ^2/NDF:18.7/25

All: 169.761+/-26.081 χ^2/NDF: 39.2/47

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF: 345510.5/16

Left Out: 130.356+/-0.042 χ^2/NDF:333298.1/6

Right Out: 115.693+/-0.031 χ^2/NDF: 435335.9/18

Left In: 133.918+/-0.047 χ^2/NDF:43306.7/4

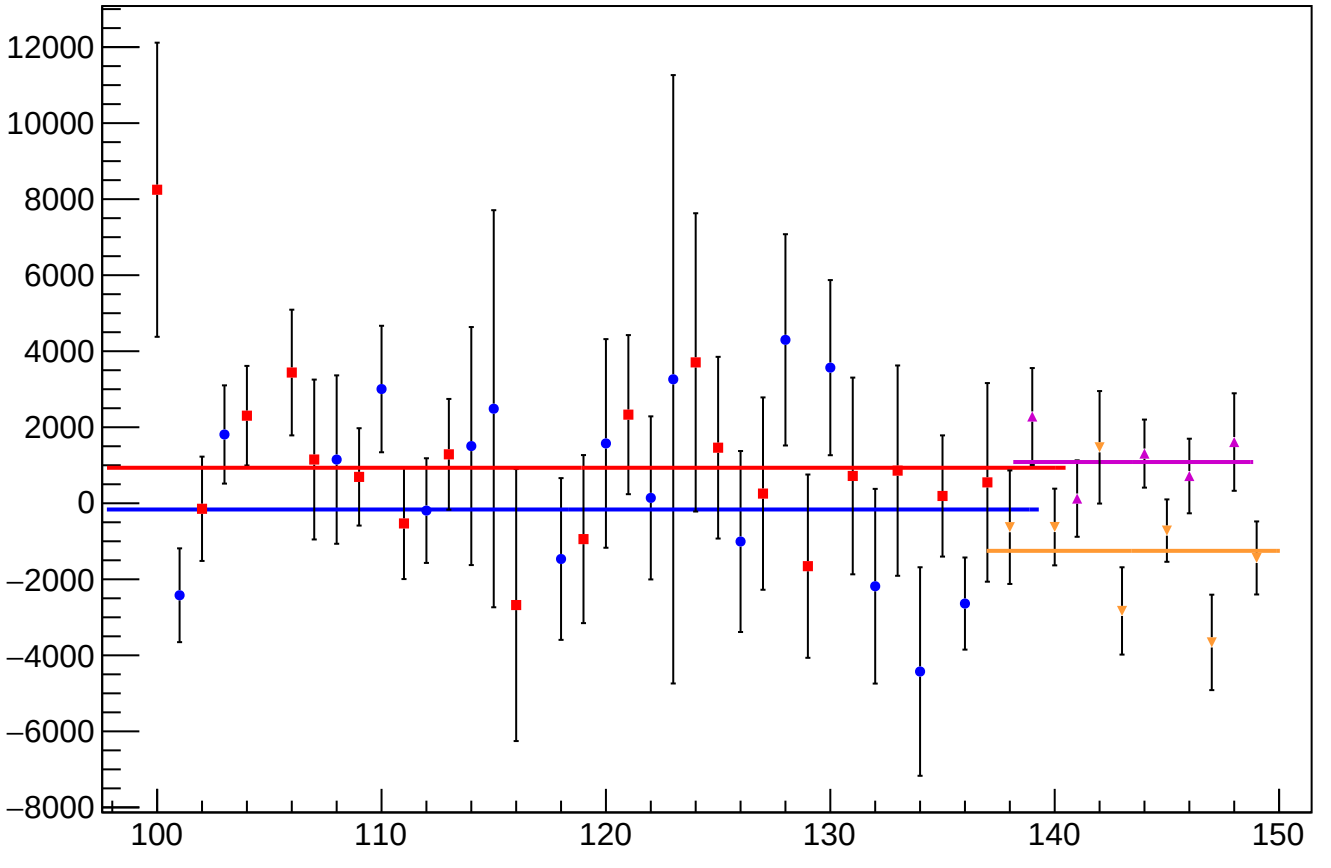
Left: 131.917+/-0.031 χ^2/NDF: 379799.9/11

Right: 117.679+/-0.023 χ^2/NDF: 789317.7/35

In: 124.548+/-0.027 χ^2/NDF:447692.8/21

Out: 121.001+/-0.025 χ^2/NDF:847464.2/25

All: 122.633+/-0.018 χ^2/NDF: 1304347.5/47



Right In: -163.538+/-469.592 χ^2/NDF: 23.7/16

Left Out: -1251.333+/-413.501 χ^2/NDF:10.0/6

Right Out: 933.992+/-437.648 χ^2/NDF: 12.9/18

Left In: 1085.203+/-471.418 χ^2/NDF:2.2/4

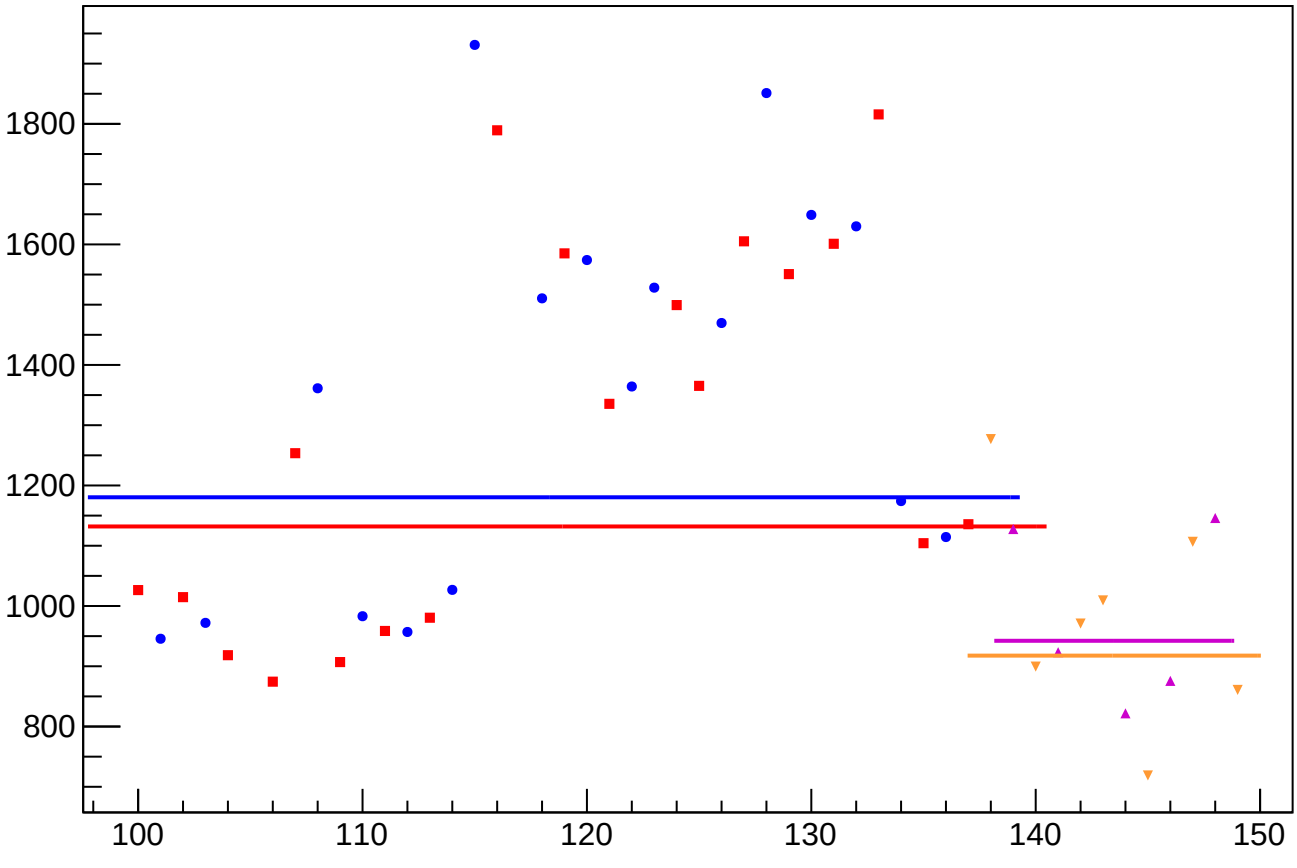
Left: -235.336+/-310.861 χ^2/NDF: 26.0/11

Right: 423.822+/-320.162 χ^2/NDF: 39.5/35

In: 458.409+/-332.695 χ^2/NDF:29.4/21

Out: -220.618+/-300.564 χ^2/NDF:36.1/25

All: 84.530+/-223.028 χ^2/NDF: 67.7/47



Right In: 1180.403+/-0.332 χ^2/NDF: 668845.5/16

Left Out: 917.659+/-0.292 χ^2/NDF:301457.2/6

Right Out: 1131.979+/-0.309 χ^2/NDF: 761904.0/18

Left In: 942.271+/-0.333 χ^2/NDF:138892.4/4

Left: 928.361+/-0.220 χ^2/NDF: 443430.7/11

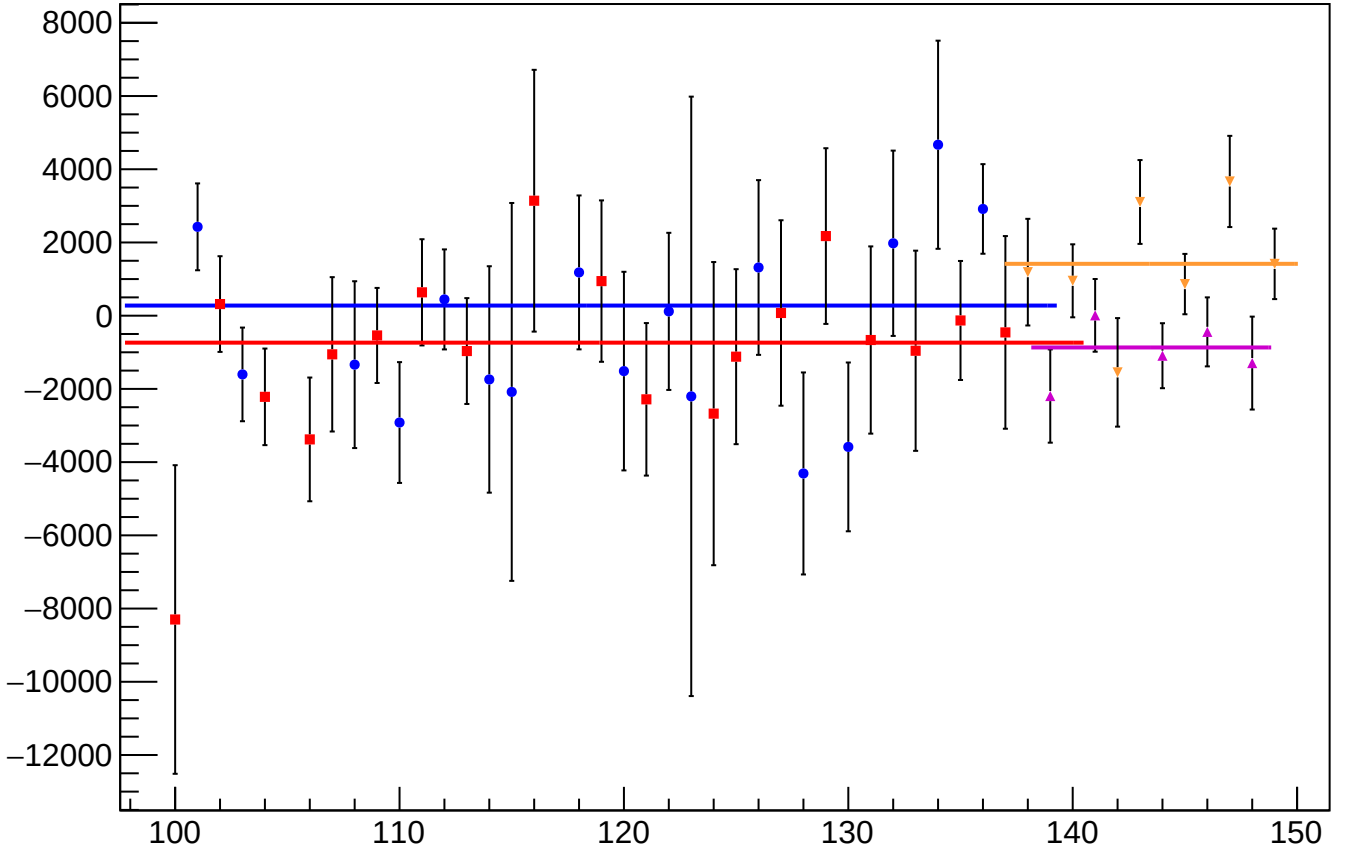
Right: 1154.488+/-0.226 χ^2/NDF: 1442131.1/35

In: 1061.799+/-0.235 χ^2/NDF:1063893.6/21

Out: 1018.743+/-0.213 χ^2/NDF:1316770.5/25

All: 1038.092+/-0.158 χ^2/NDF: 2399107.7/47

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF: 24.3/16

Left Out: 1416.530+/-412.004 χ^2/NDF:10.1/6

Right Out: -736.749+/-437.448 χ^2/NDF: 12.8/18

Left In: -868.000+/-463.934 χ^2/NDF:2.2/4

Left: 409.229+/-308.062 χ^2/NDF: 25.9/11

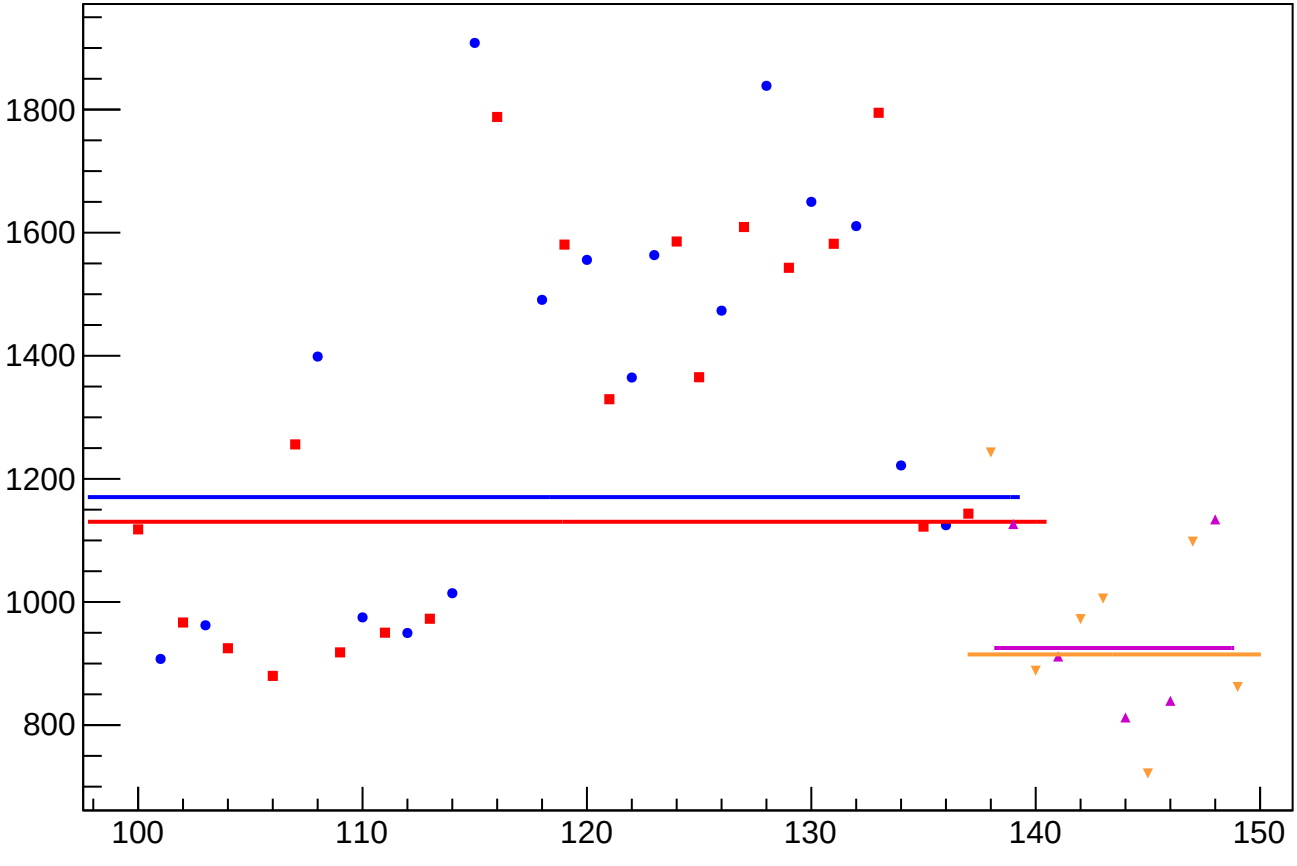
Right: -262.610+/-319.075 χ^2/NDF: 39.7/35

In: -298.852+/-328.928 χ^2/NDF:29.6/21

Out: 404.332+/-299.923 χ^2/NDF:35.8/25

All: 85.104+/-221.624 χ^2/NDF: 67.9/47

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF: 705486.8/16

Left Out: 914.791+/-0.291 χ^2/NDF:277790.1/6

Right Out: 1130.322+/-0.309 χ^2/NDF: 763044.5/18

Left In: 925.262+/-0.328 χ^2/NDF:153467.1/4

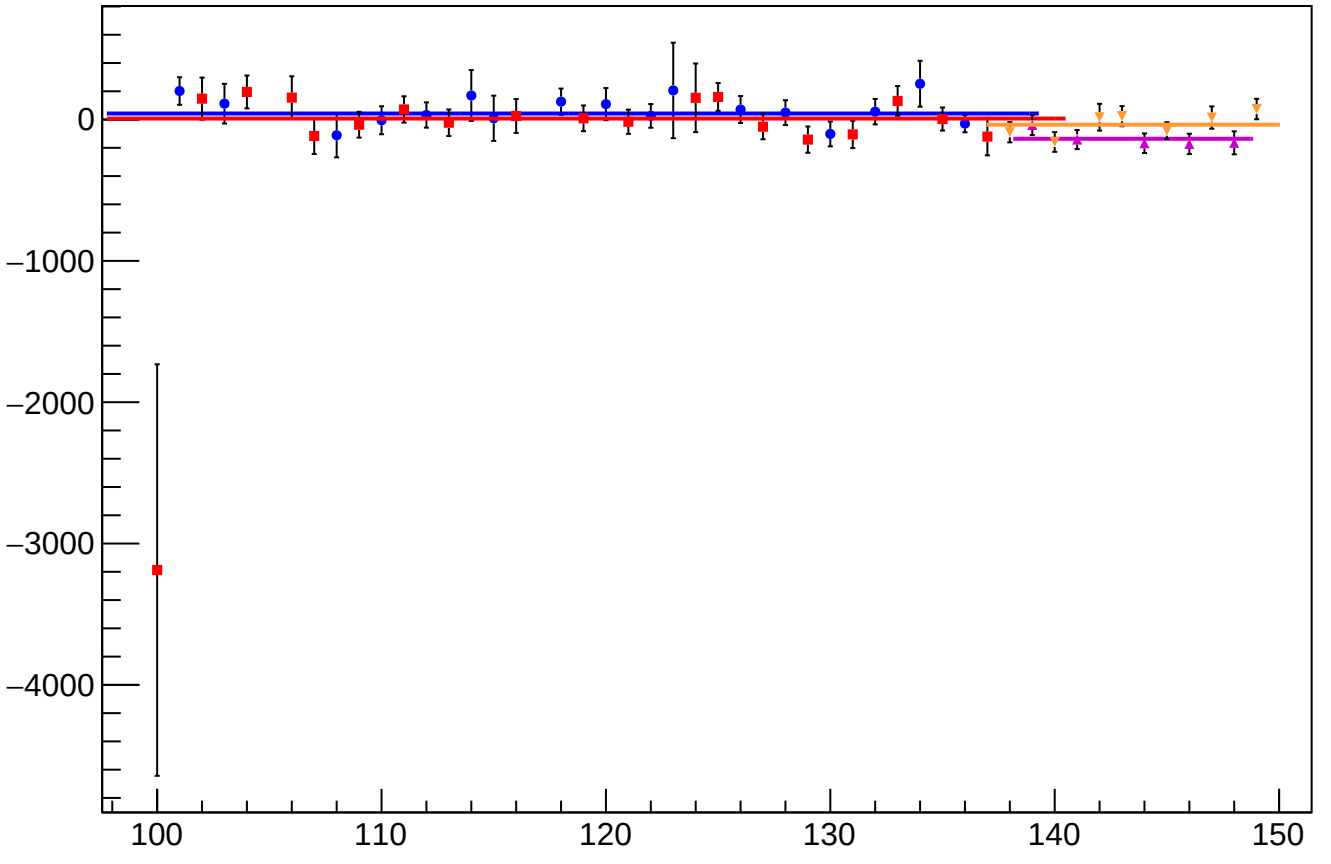
Left: 919.408+/-0.218 χ^2/NDF: 431826.8/11

Right: 1149.080+/-0.226 χ^2/NDF: 1476389.1/35

In: 1047.177+/-0.233 χ^2/NDF:1136664.7/21

Out: 1016.106+/-0.212 χ^2/NDF:1298118.7/25

All: 1030.212+/-0.157 χ^2/NDF: 2444527.5/47



Right In: 42.674+/-24.701 χ^2/NDF: 12.0/16

Left Out: -36.581+/-27.356 χ^2/NDF:7.9/6

Right Out: 7.090+/-24.489 χ^2/NDF: 20.6/18

Left In: -136.028+/-32.166 χ^2/NDF:2.4/4

Left: -78.319+/-20.839 χ^2/NDF: 15.9/11

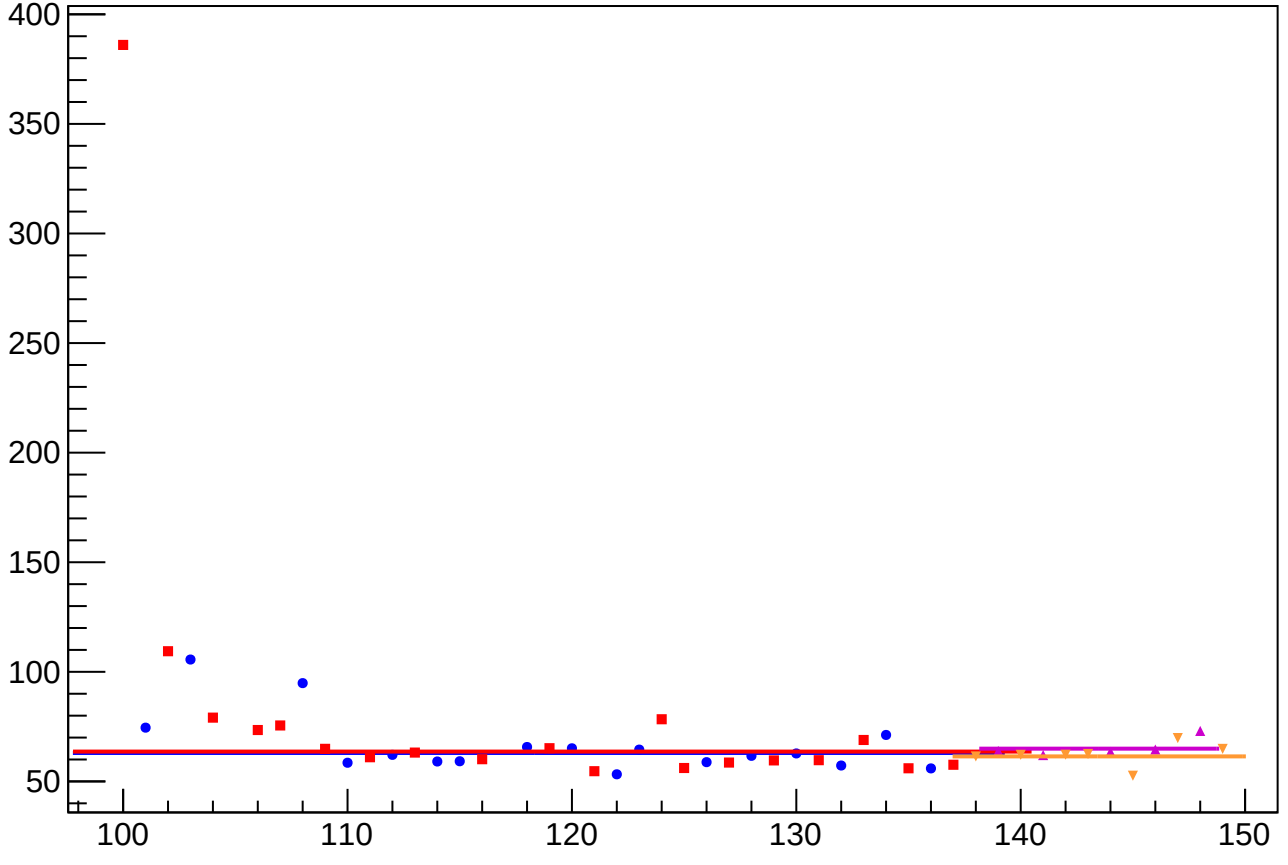
Right: 24.729+/-17.391 χ^2/NDF: 33.6/35

In: -23.615+/-19.591 χ^2/NDF:33.8/21

Out: -12.338+/-18.246 χ^2/NDF:29.9/25

All: -17.576+/-13.352 χ^2/NDF: 63.9/47

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980+/-0.017 χ^2/NDF: 375263.3/16

Left Out: 61.413+/-0.019 χ^2/NDF:70790.0/6

Right Out: 63.613+/-0.017 χ^2/NDF: 433549.0/18

Left In: 64.946+/-0.023 χ^2/NDF:24989.3/4

Left: 62.896+/-0.015 χ^2/NDF: 109775.0/11

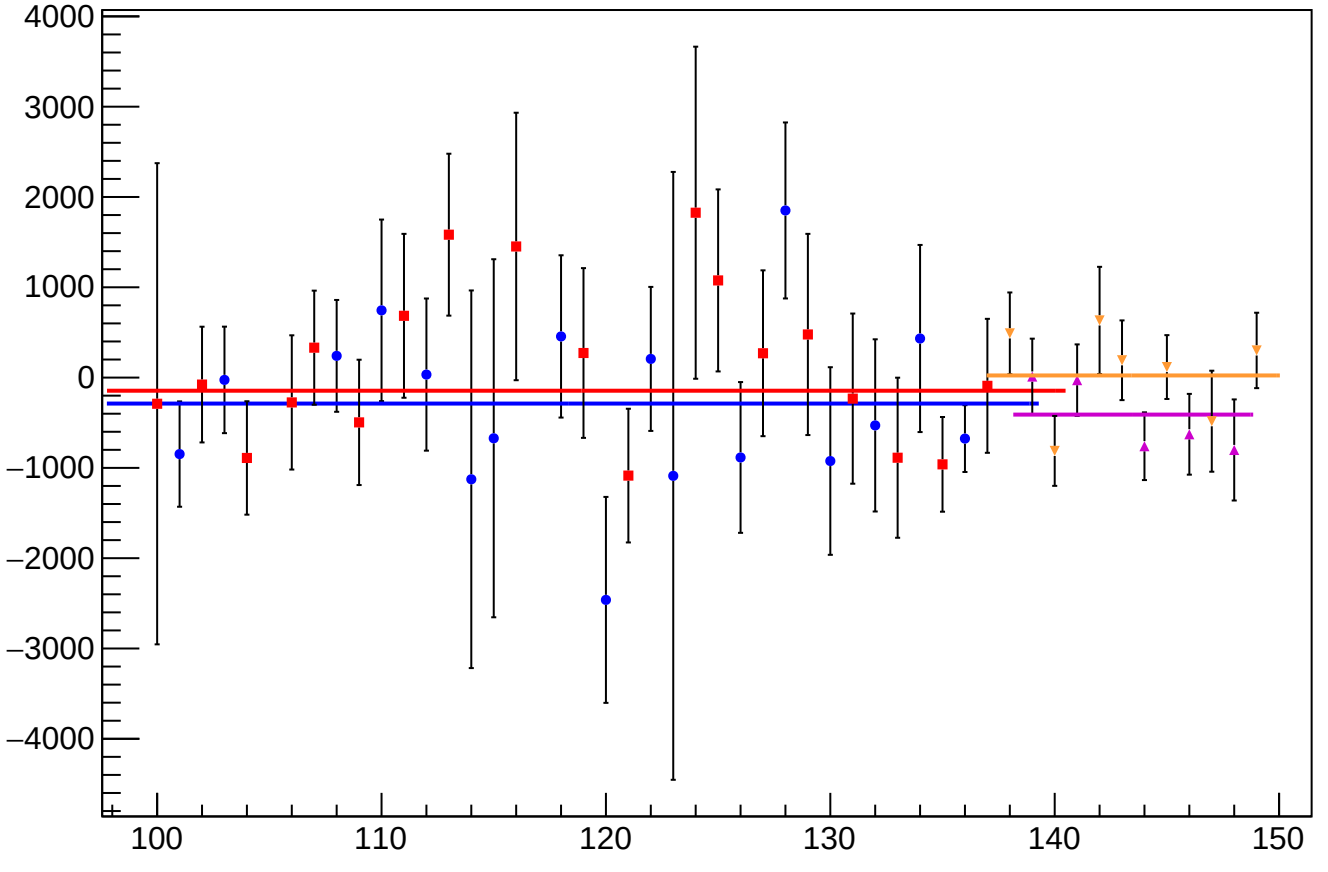
Right: 63.300+/-0.012 χ^2/NDF: 809475.4/35

In: 63.709+/-0.014 χ^2/NDF:404949.7/21

Out: 62.635+/-0.013 χ^2/NDF:511521.3/25

All: 63.134+/-0.009 χ^2/NDF: 919693.0/47

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF: 15.4/16

Left Out: 23.673+/-165.609 χ^2/NDF:8.3/6

Right Out: -145.341+/-187.312 χ^2/NDF: 16.1/18

Left In: -409.898+/-191.160 χ^2/NDF:3.5/4

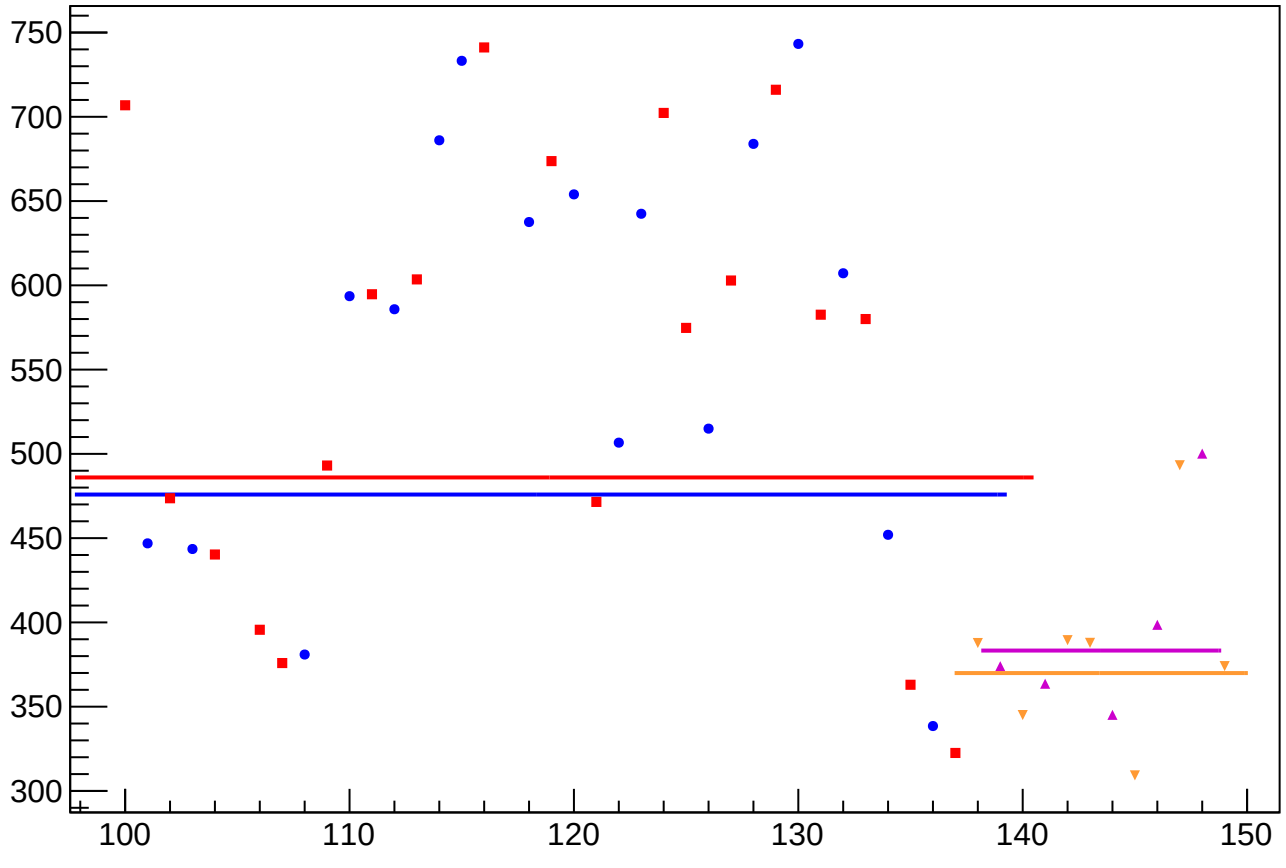
Left: -162.220+/-125.169 χ^2/NDF: 14.7/11

Right: -215.540+/-133.351 χ^2/NDF: 31.7/35

In: -348.382+/-134.719 χ^2/NDF:19.1/21

Out: -50.480+/-124.070 χ^2/NDF:24.8/25

All: -187.194+/-91.264 χ^2/NDF: 46.5/47



Right In: 475.871+/-0.134 χ^2/NDF: 837808.5/16

Left Out: 369.944+/-0.117 χ^2/NDF:173246.6/6

Right Out: 486.011+/-0.132 χ^2/NDF: 730123.7/18

Left In: 383.298+/-0.135 χ^2/NDF:116110.2/4

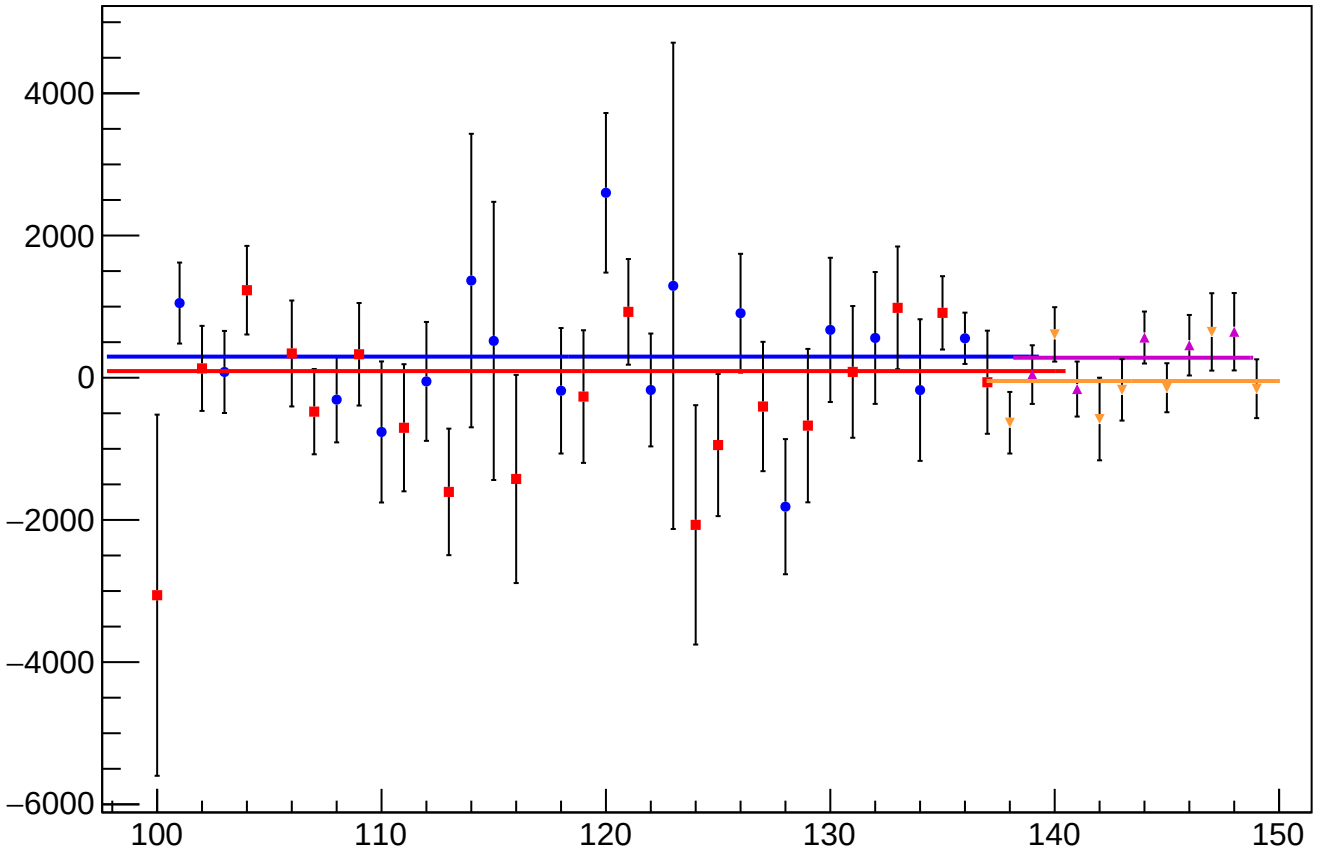
Left: 375.669+/-0.089 χ^2/NDF: 294932.4/11

Right: 481.010+/-0.094 χ^2/NDF: 1570822.6/35

In: 429.893+/-0.095 χ^2/NDF:1190000.2/21

Out: 420.867+/-0.088 χ^2/NDF:1334373.4/25

All: 425.009+/-0.065 χ^2/NDF: 2529232.1/47



Right In: 296.984+/-185.975 χ^2/NDF: 15.9/16

Left Out: -46.175+/-161.951 χ^2/NDF:7.5/6

Right Out: 93.523+/-183.916 χ^2/NDF: 20.1/18

Left In: 281.342+/-185.879 χ^2/NDF:2.9/4

Left: 95.159+/-122.106 χ^2/NDF: 12.1/11

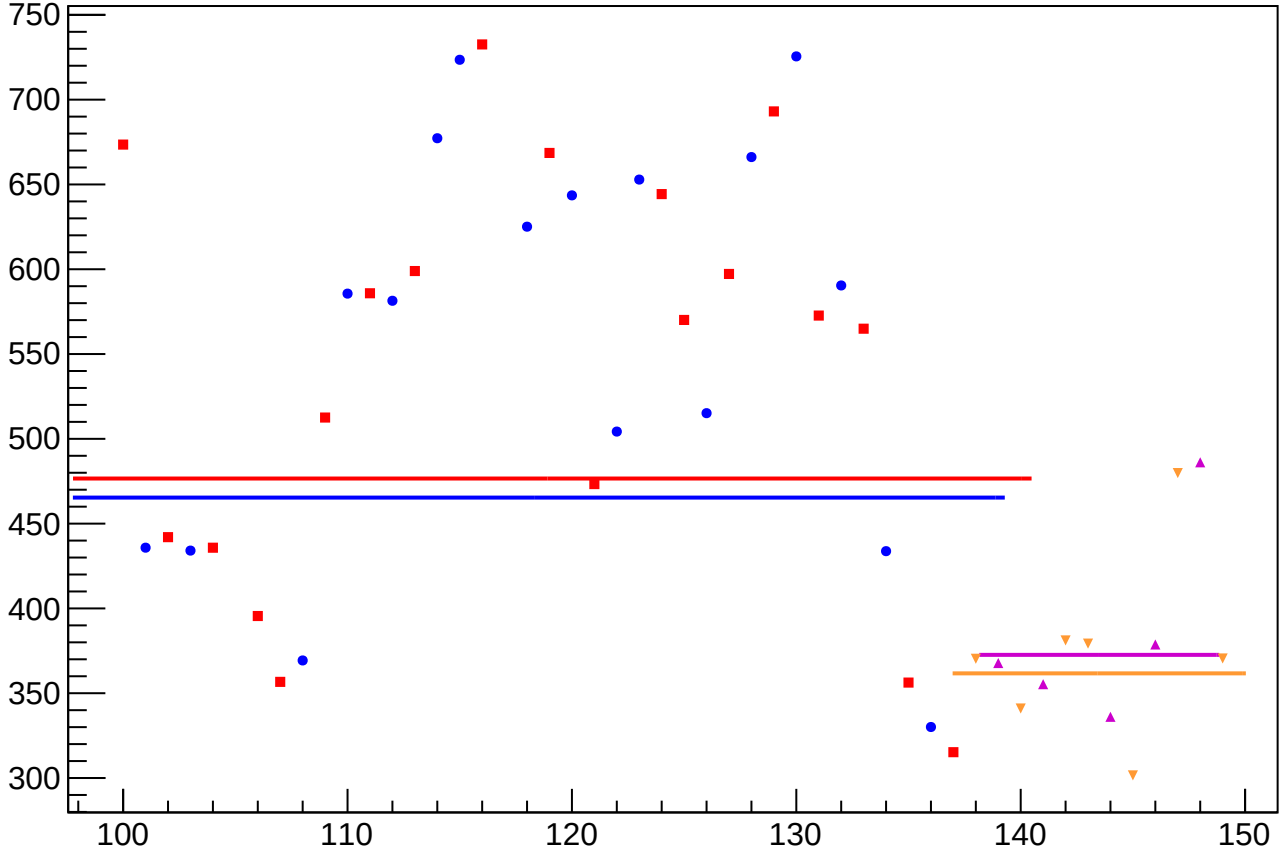
Right: 194.121+/-130.770 χ^2/NDF: 36.6/35

In: 289.159+/-131.470 χ^2/NDF:18.7/21

Out: 14.838+/-121.545 χ^2/NDF:27.9/25

All: 141.253+/-89.248 χ^2/NDF: 48.9/47

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF: 860420.4/16

Left Out: 361.706+/-0.115 χ^2/NDF:168193.3/6

Right Out: 476.597+/-0.130 χ^2/NDF: 752936.0/18

Left In: 372.614+/-0.131 χ^2/NDF:111727.5/4

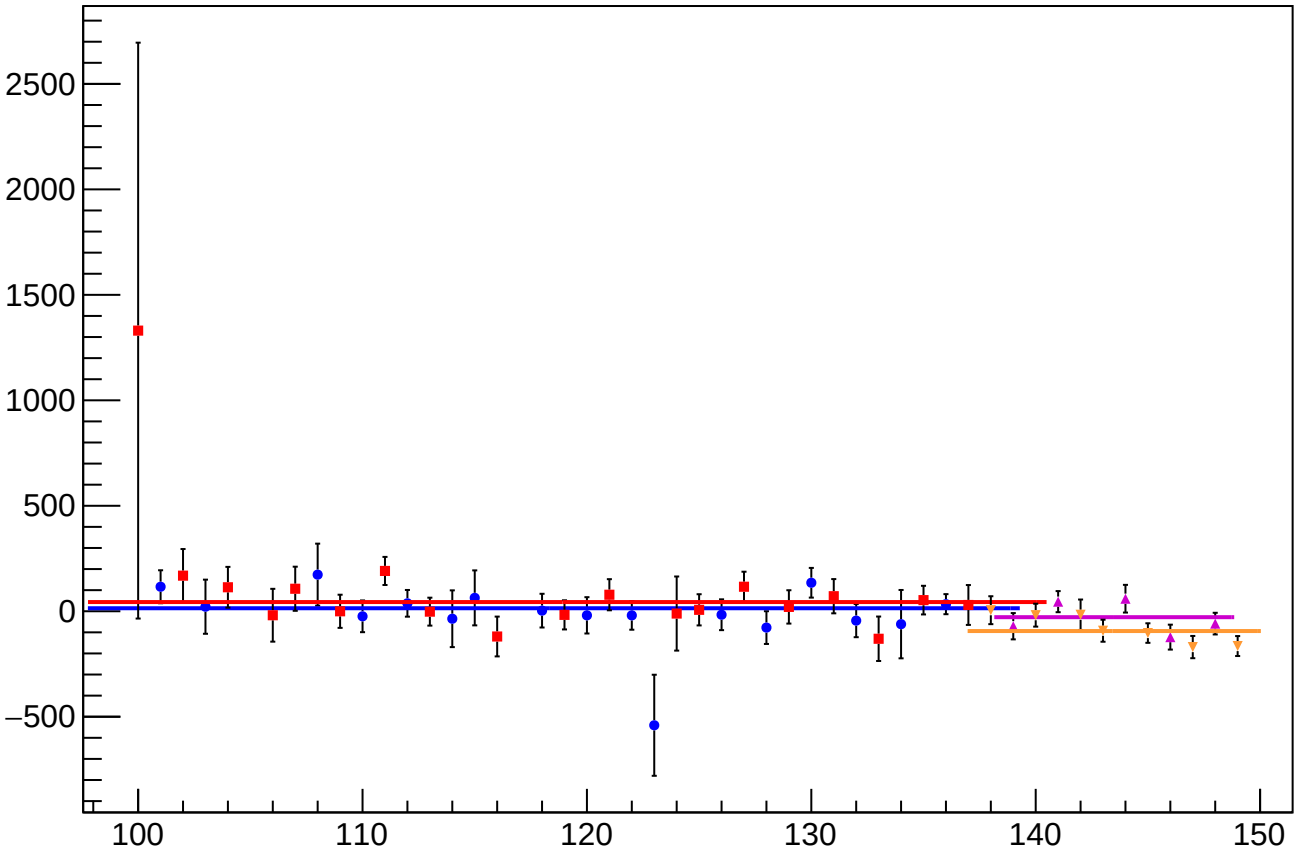
Left: 366.413+/-0.086 χ^2/NDF: 283836.6/11

Right: 471.039+/-0.092 χ^2/NDF: 1617050.9/35

In: 418.961+/-0.093 χ^2/NDF:1220953.7/21

Out: 411.884+/-0.086 χ^2/NDF:1360740.2/25

All: 415.145+/-0.063 χ^2/NDF: 2584818.1/47



Right In: 14.253+/-19.867 χ^2/NDF: 14.8/16

Left Out: -93.834+/-20.411 χ^2/NDF:9.7/6

Right Out: 43.602+/-19.648 χ^2/NDF: 17.0/18

Left In: -28.098+/-25.363 χ^2/NDF:7.3/4

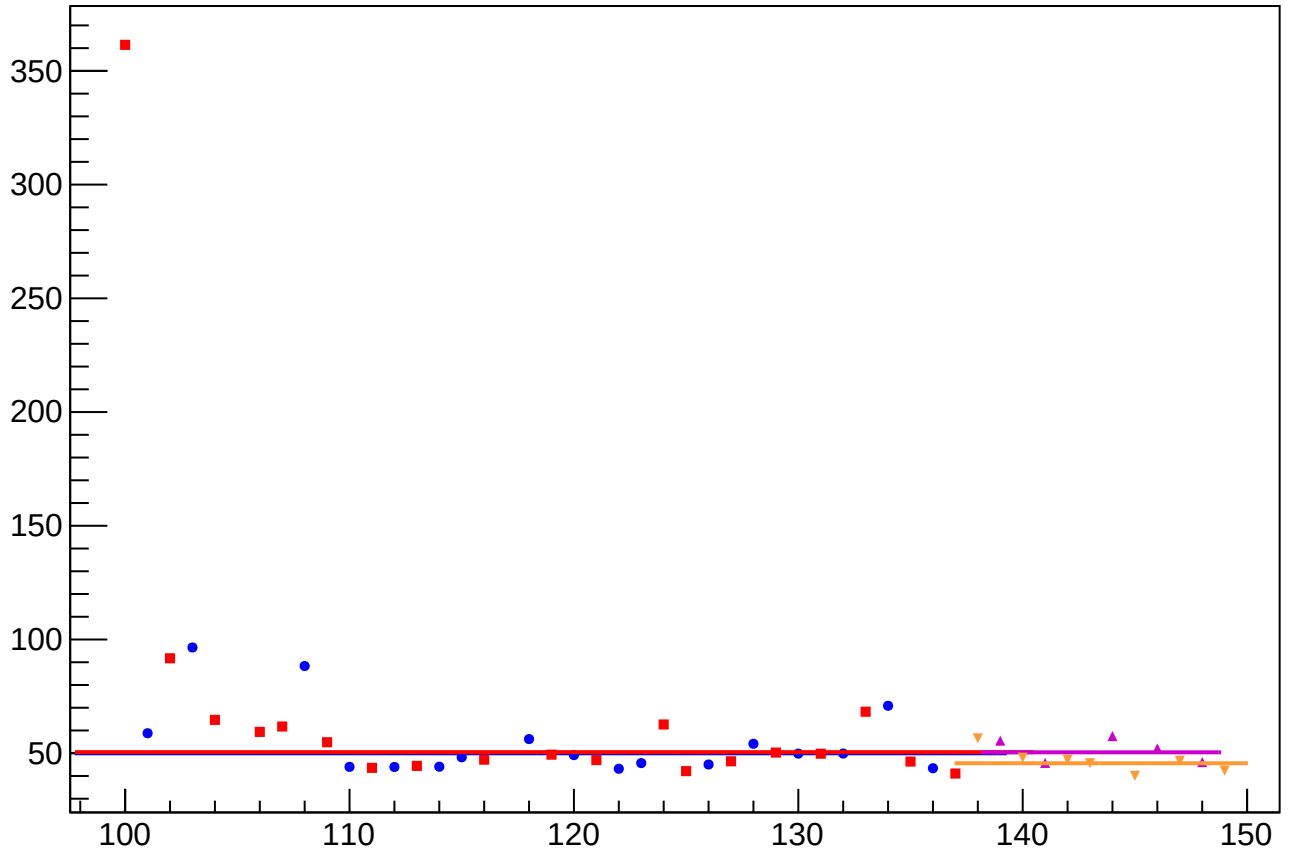
Left: -67.995+/-15.901 χ^2/NDF: 21.1/11

Right: 29.090+/-13.970 χ^2/NDF: 32.9/35

In: -1.851+/-15.640 χ^2/NDF:23.9/21

Out: -22.498+/-14.155 χ^2/NDF:50.3/25

All: -13.200+/-10.495 χ^2/NDF: 75.1/47



Right In: 49.973+/-0.014 χ^2/NDF: 578750.7/16

Left Out: 45.601+/-0.014 χ^2/NDF:98072.1/6

Right Out: 50.472+/-0.014 χ^2/NDF: 571294.5/18

Left In: 50.397+/-0.018 χ^2/NDF:70185.1/4

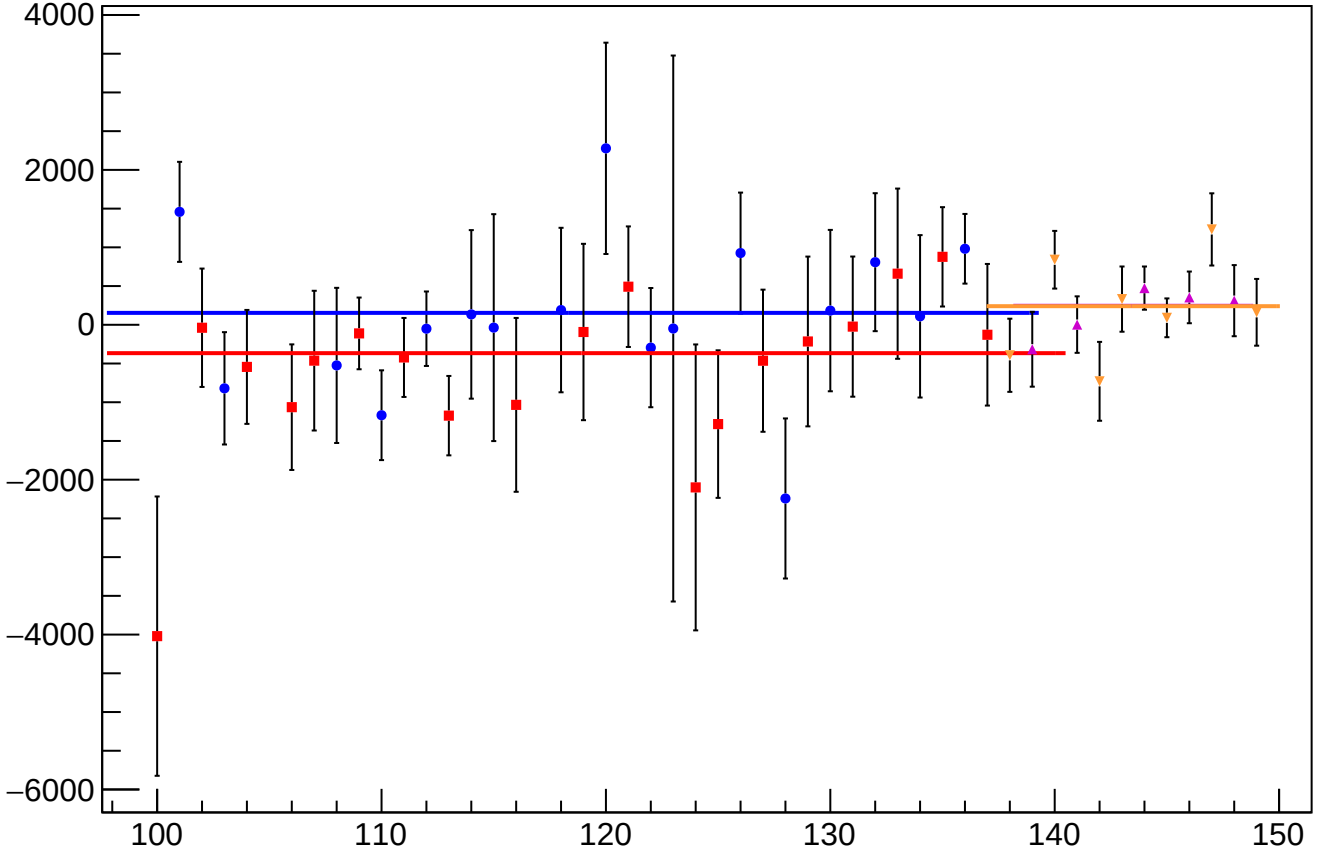
Left: 47.486+/-0.011 χ^2/NDF: 211656.2/11

Right: 50.225+/-0.010 χ^2/NDF: 1150683.7/35

In: 50.134+/-0.011 χ^2/NDF:649281.3/21

Out: 48.129+/-0.010 χ^2/NDF:728501.2/25

All: 49.032+/-0.007 χ^2/NDF: 1395845.9/47



Right In: 153.842+/-189.963 χ^2/NDF: 24.8/16

Left Out: 240.151+/-145.691 χ^2/NDF:13.0/6

Right Out: -366.276+/-178.907 χ^2/NDF: 16.2/18

Left In: 245.216+/-161.416 χ^2/NDF:2.6/4

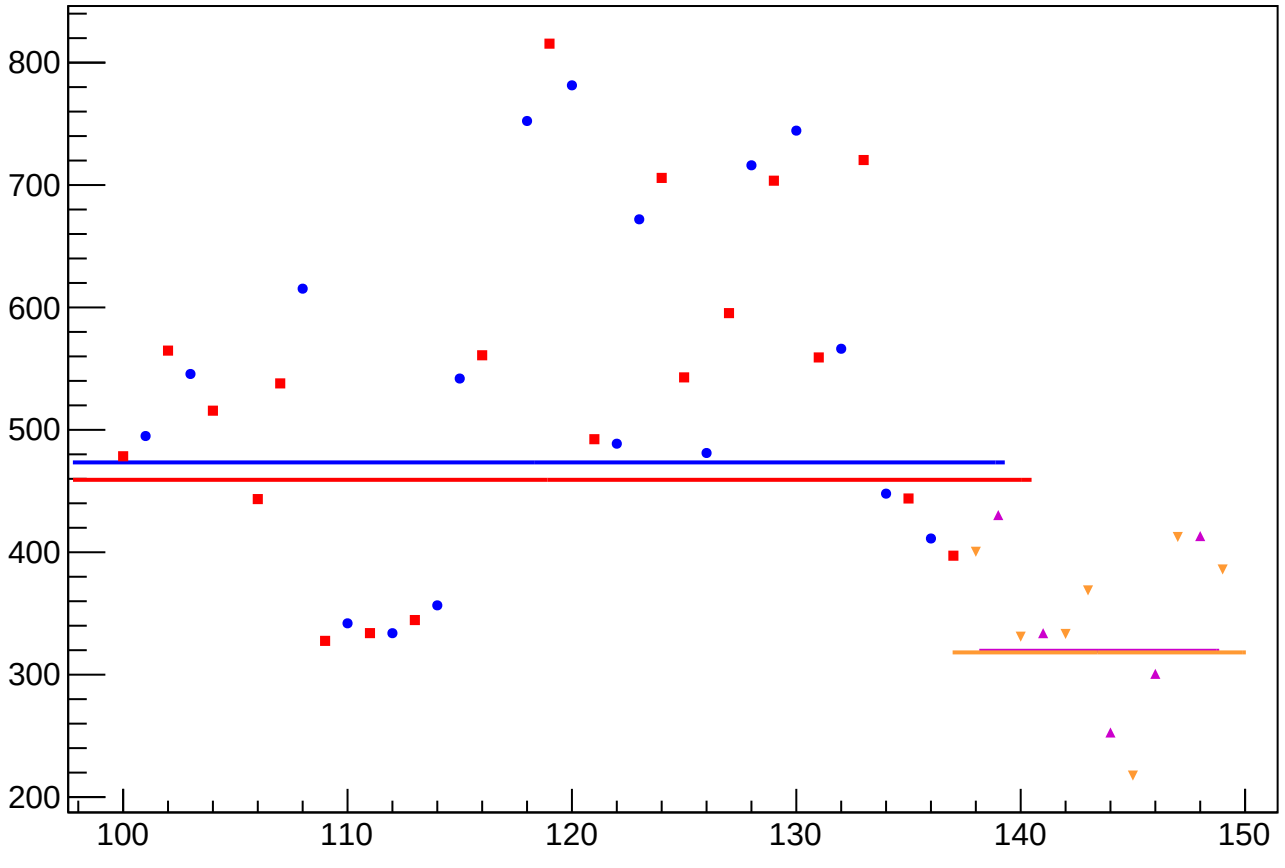
Left: 242.425+/-108.152 χ^2/NDF: 15.6/11

Right: -121.792+/-130.240 χ^2/NDF: 45.0/35

In: 206.904+/-123.006 χ^2/NDF:27.5/21

Out: -1.649+/-112.971 χ^2/NDF:36.1/25

All: 93.775+/-83.204 χ^2/NDF: 65.2/47



Right In: 473.406+/-0.134 χ^2/NDF: 914927.8/16

Left Out: 318.189+/-0.103 χ^2/NDF:547650.2/6

Right Out: 459.180+/-0.127 χ^2/NDF: 1006487.4/18

Left In: 319.517+/-0.114 χ^2/NDF:312578.2/4

Left: 318.785+/-0.076 χ^2/NDF: 860303.1/11

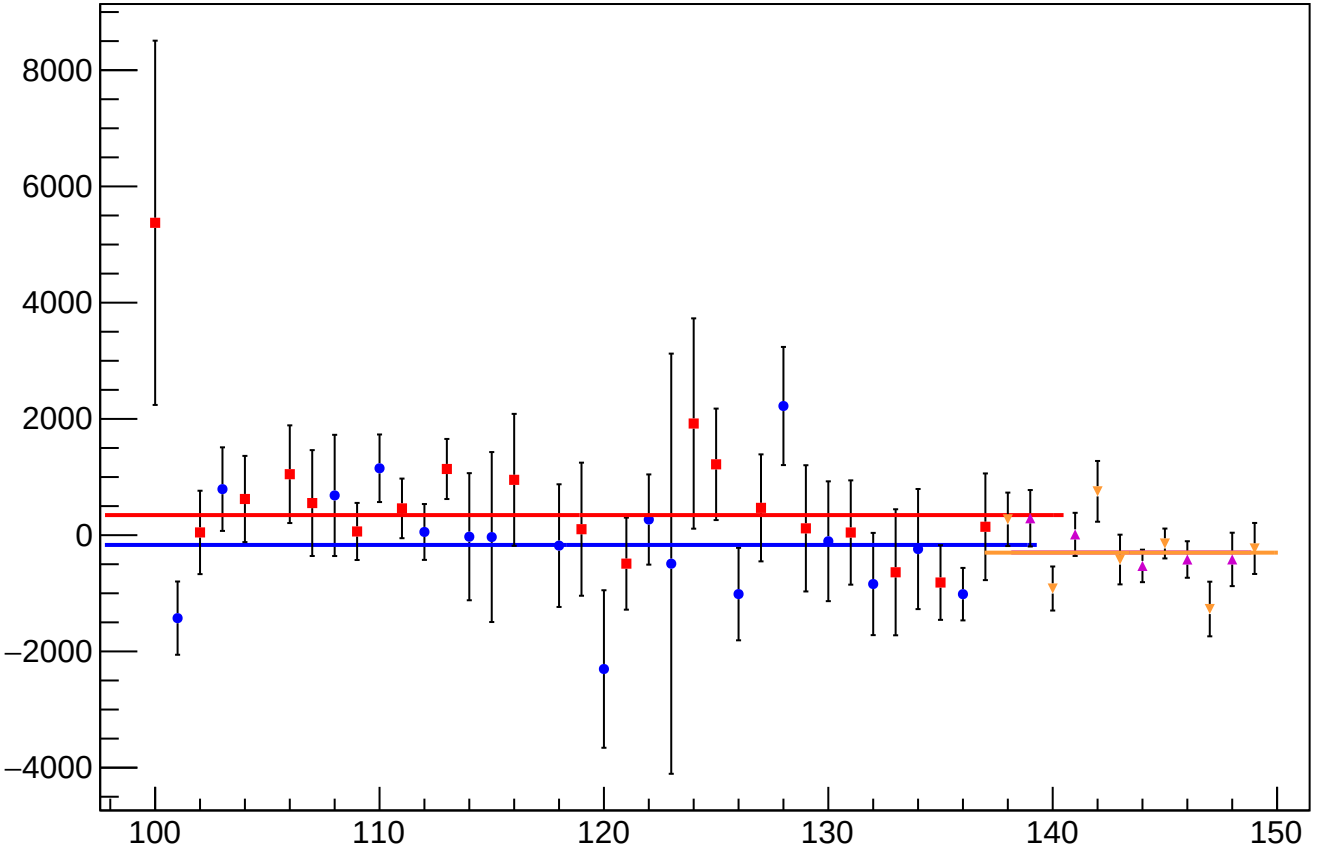
Right: 465.867+/-0.092 χ^2/NDF: 1927360.0/35

In: 384.041+/-0.087 χ^2/NDF:1989704.4/21

Out: 374.406+/-0.080 χ^2/NDF:2300973.4/25

All: 378.815+/-0.059 χ^2/NDF: 4297334.6/47

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF: 25.4/16

Left Out: -300.697+/-147.924 χ^2/NDF:13.0/6

Right Out: 345.481+/-181.255 χ^2/NDF: 13.7/18

Left In: -297.714+/-159.788 χ^2/NDF:3.1/4

Left: -299.320+/-108.550 χ^2/NDF: 16.1/11

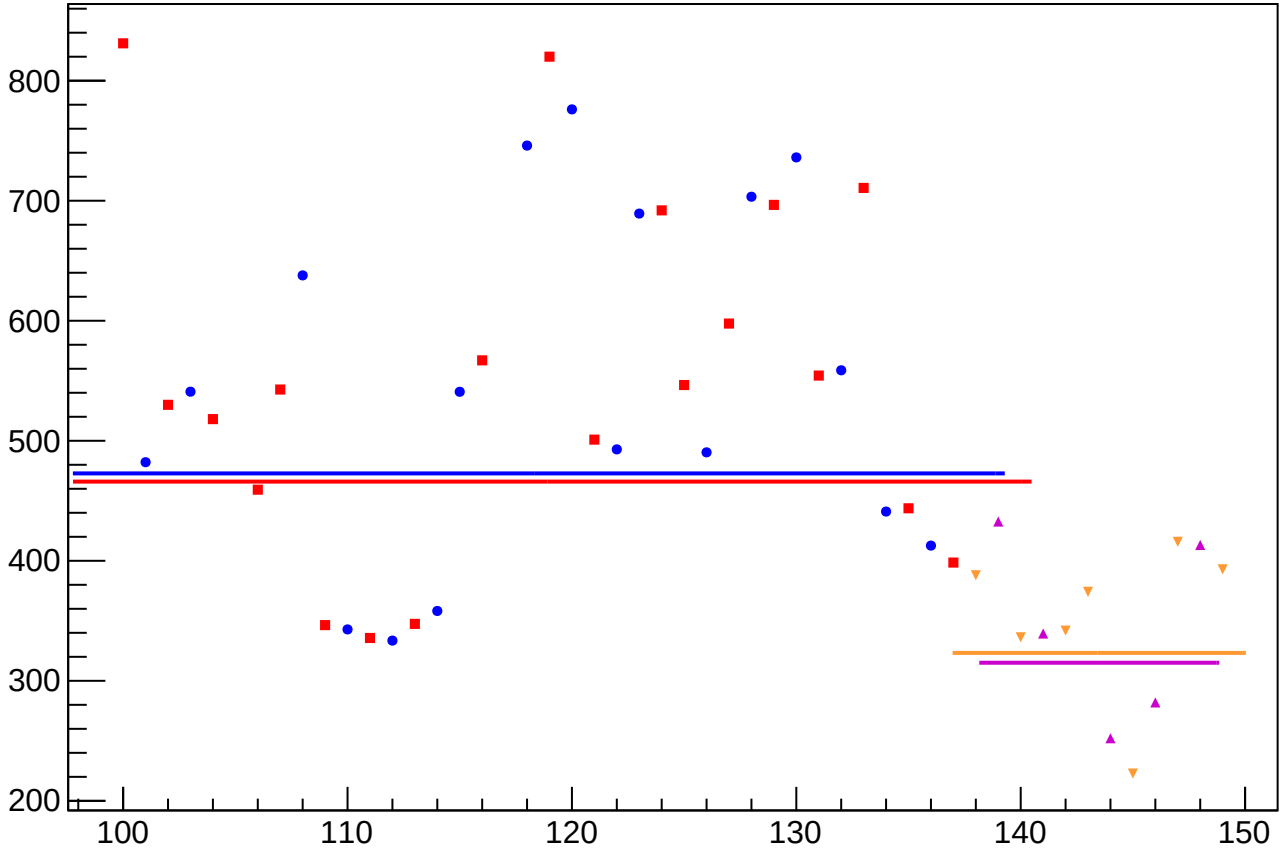
Right: 100.479+/-131.070 χ^2/NDF: 43.0/35

In: -243.918+/-122.226 χ^2/NDF:28.8/21

Out: -42.372+/-114.603 χ^2/NDF:34.4/25

All: -136.665+/-83.602 χ^2/NDF: 64.6/47

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF: 896373.5/16

Left Out: 323.253+/-0.105 χ^2/NDF:507166.8/6

Right Out: 465.987+/-0.128 χ^2/NDF: 942033.1/18

Left In: 315.069+/-0.113 χ^2/NDF:340662.8/4

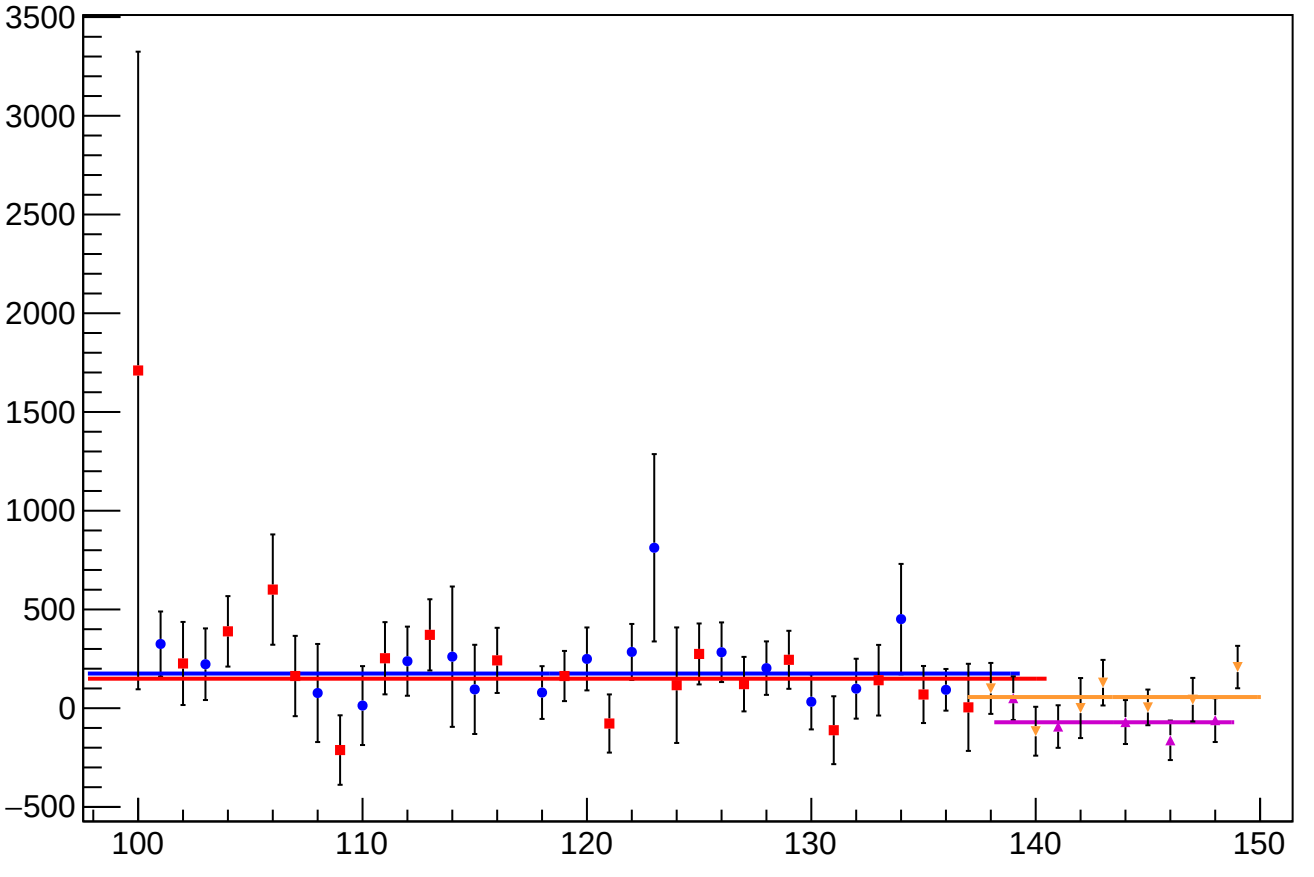
Left: 319.476+/-0.077 χ^2/NDF: 850654.8/11

Right: 469.247+/-0.093 χ^2/NDF: 1839762.8/35

In: 380.518+/-0.086 χ^2/NDF:2045779.6/21

Out: 380.314+/-0.081 χ^2/NDF:2193614.3/25

All: 380.409+/-0.059 χ^2/NDF: 4239396.8/47



Right In: 175.468+/-40.358 χ^2/NDF: 8.6/16

Left Out: 56.492+/-43.237 χ^2/NDF:5.0/6

Right Out: 149.419+/-40.319 χ^2/NDF: 18.4/18

Left In: -71.231+/-48.218 χ^2/NDF:2.1/4

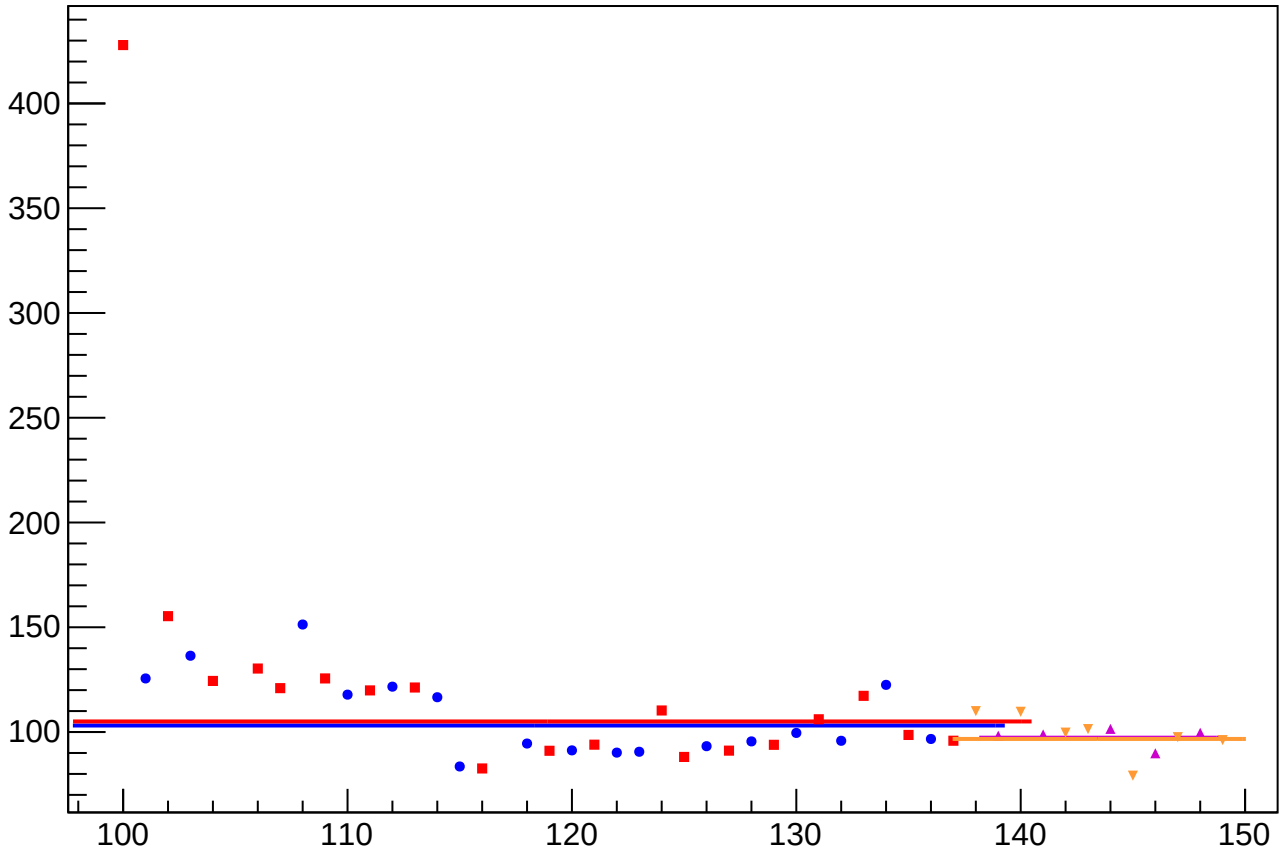
Left: -0.433+/-32.191 χ^2/NDF: 10.9/11

Right: 162.431+/-28.524 χ^2/NDF: 27.2/35

In: 73.838+/-30.948 χ^2/NDF:26.1/21

Out: 106.196+/-29.487 χ^2/NDF:25.8/25

All: 90.799+/-21.349 χ^2/NDF: 52.5/47



Right In: 103.112+/-0.029 χ^2/NDF: 306438.5/16

Left Out: 96.698+/-0.031 χ^2/NDF:122655.2/6

Right Out: 105.045+/-0.029 χ^2/NDF: 448699.0/18

Left In: 97.299+/-0.034 χ^2/NDF:15375.9/4

Left: 96.966+/-0.023 χ^2/NDF: 138203.3/11

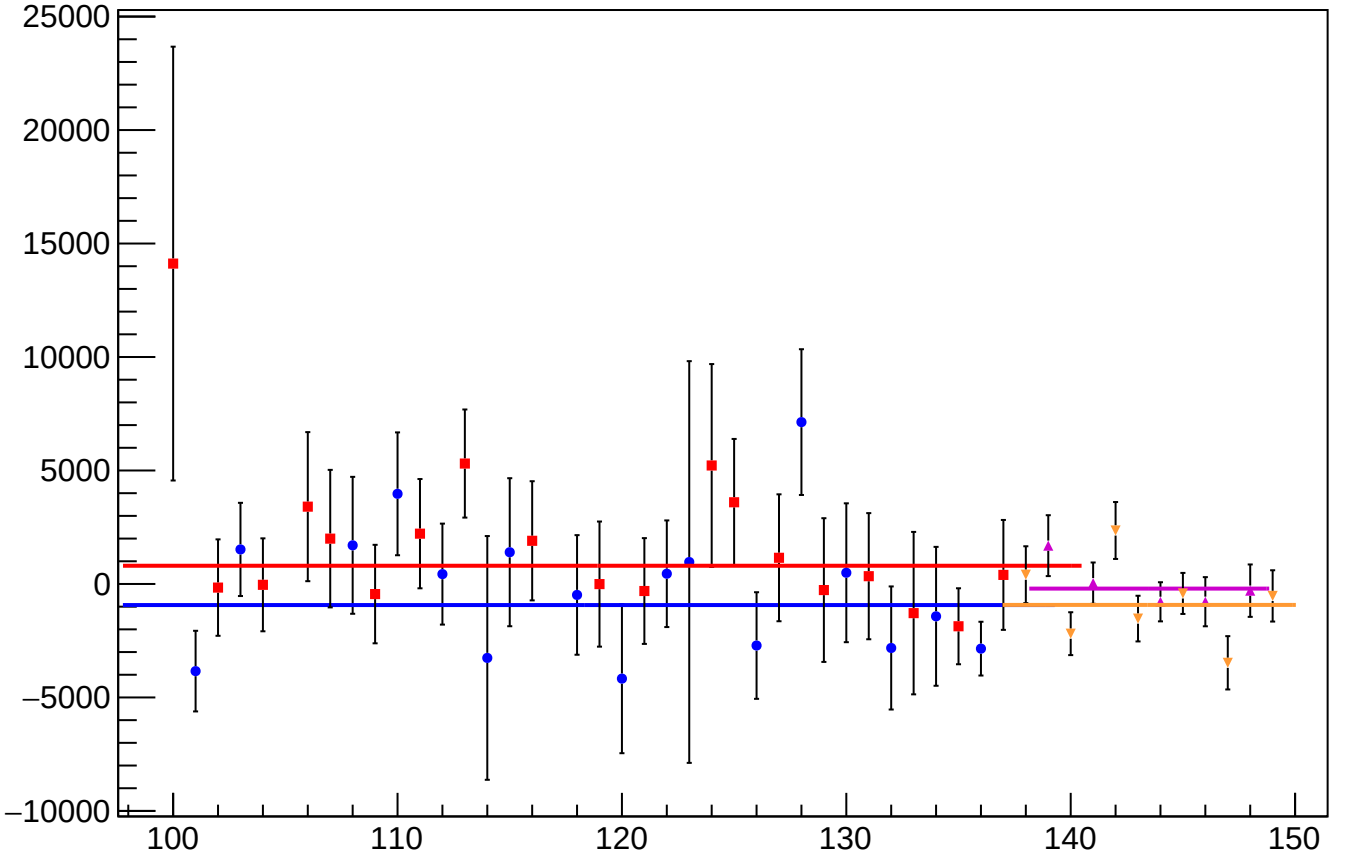
Right: 104.080+/-0.020 χ^2/NDF: 757434.4/35

In: 100.717+/-0.022 χ^2/NDF:338909.9/21

Out: 101.163+/-0.021 χ^2/NDF:611229.3/25

All: 100.951+/-0.015 χ^2/NDF: 950356.4/47

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: -923.002+/-404.428 χ^2/NDF:15.3/6

Right Out: 802.855+/-593.810 χ^2/NDF: 12.9/18

Left In: -204.295+/-460.572 χ^2/NDF:2.8/4

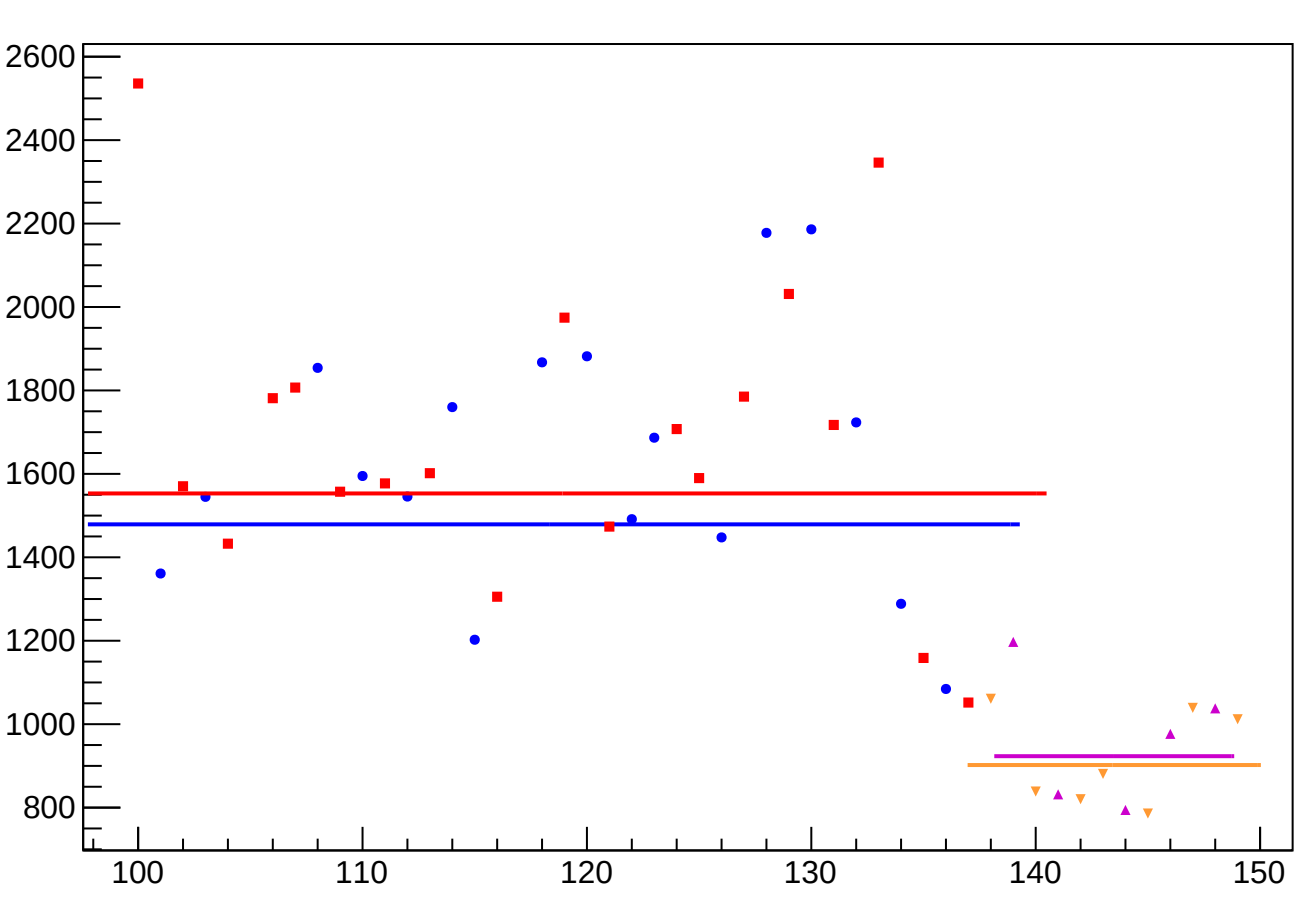
Left: -610.102+/-303.896 χ^2/NDF: 19.5/11

Right: -73.074+/-417.447 χ^2/NDF: 38.0/35

In: -480.434+/-362.341 χ^2/NDF:24.6/21

Out: -376.122+/-334.265 χ^2/NDF:33.9/25

All: -424.081+/-245.688 χ^2/NDF: 58.6/47



Right In: 1478.991+/-0.415 χ^2/NDF: 589620.8/16

Left Out: 902.059+/-0.286 χ^2/NDF:129821.5/6

Right Out: 1553.074+/-0.420 χ^2/NDF: 483784.4/18

Left In: 923.266+/-0.326 χ^2/NDF:172965.3/4

Left: 911.292+/-0.215 χ^2/NDF: 305180.8/11

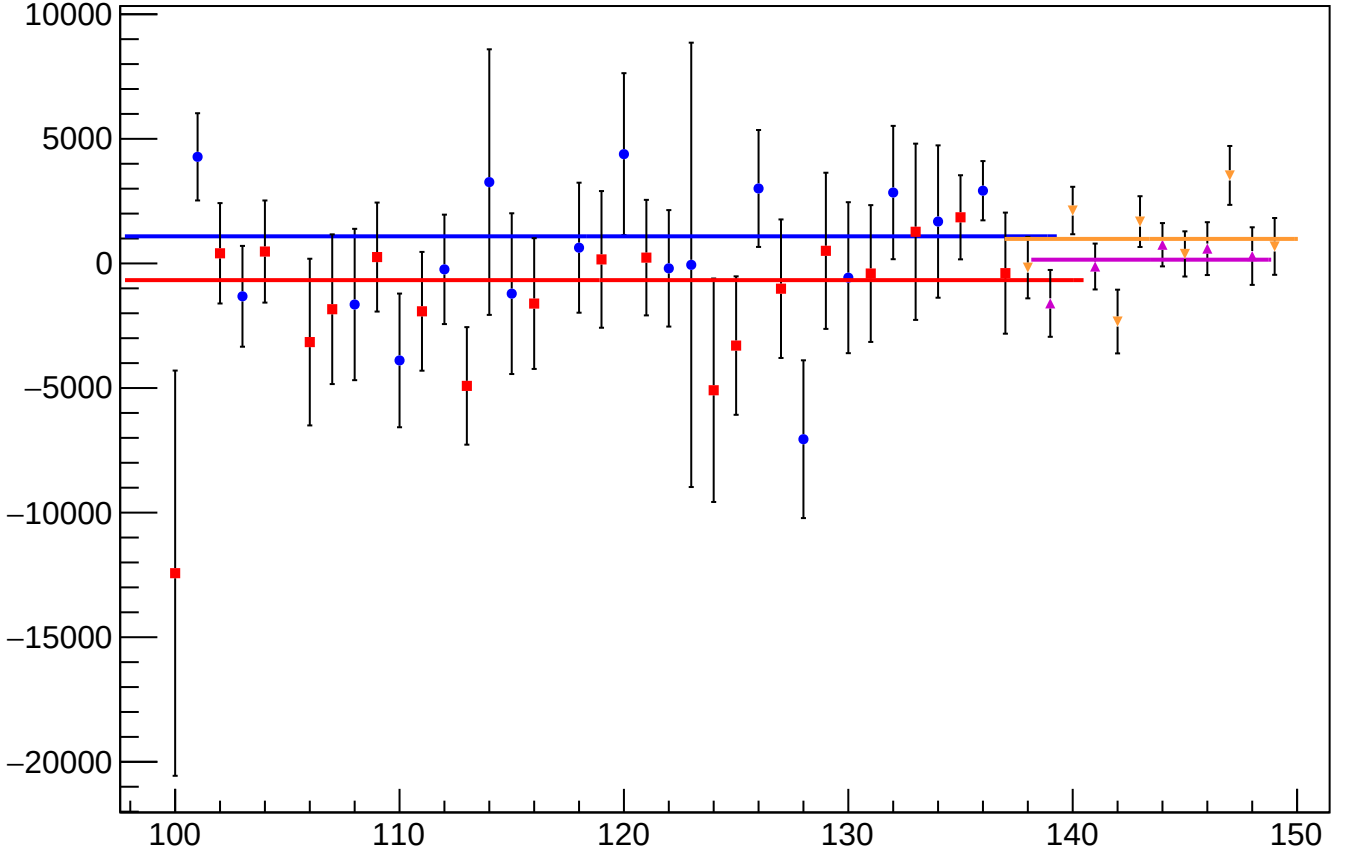
Right: 1515.603+/-0.295 χ^2/NDF: 1089150.4/35

In: 1135.037+/-0.256 χ^2/NDF:1872175.3/21

Out: 1108.349+/-0.236 χ^2/NDF:2255771.1/25

All: 1120.619+/-0.174 χ^2/NDF: 4133807.7/47

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF: 21.8/16

Left Out: 984.179+/-406.949 χ^2/NDF:14.7/6

Right Out: -670.176+/-589.991 χ^2/NDF: 12.0/18

Left In: 150.467+/-461.348 χ^2/NDF:2.5/4

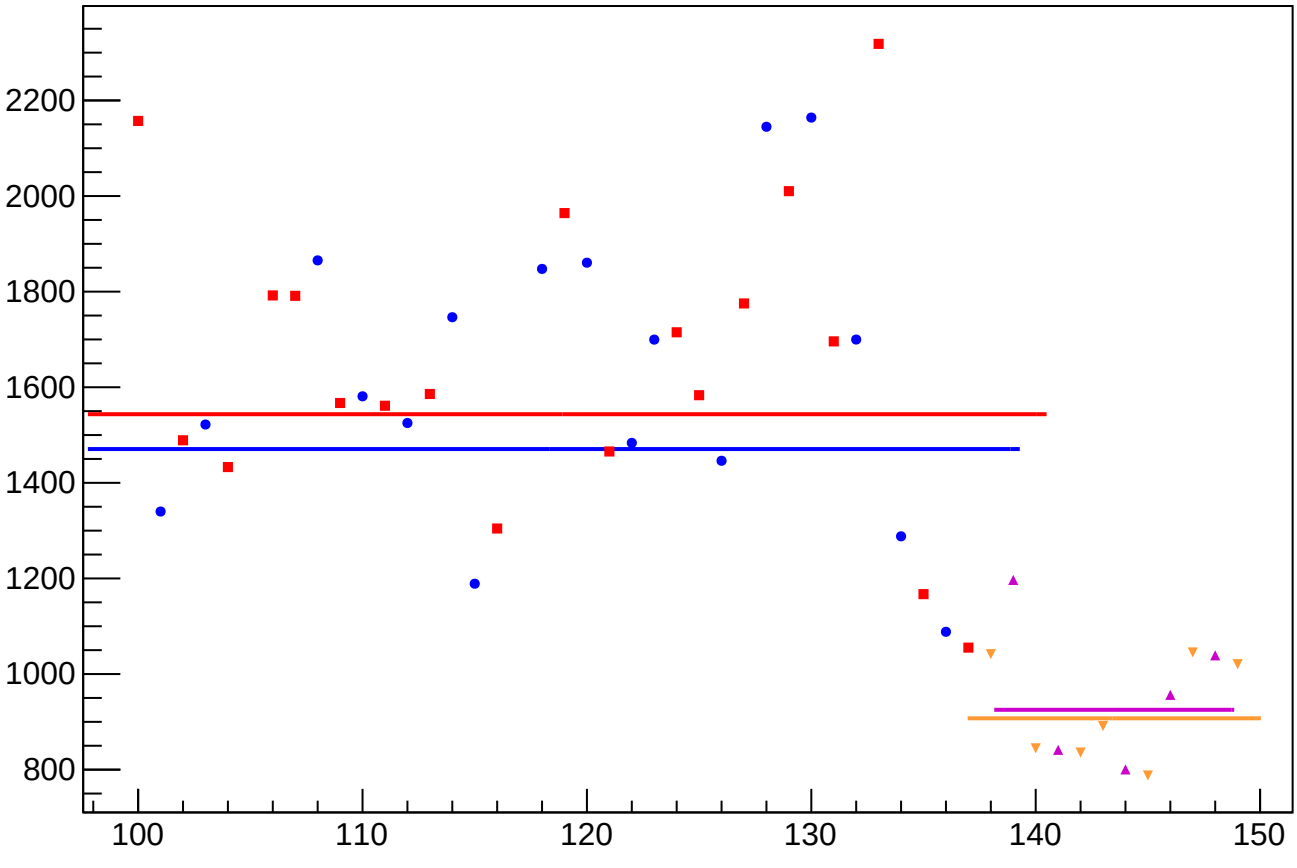
Left: 619.351+/-305.186 χ^2/NDF: 19.0/11

Right: 218.892+/-414.810 χ^2/NDF: 38.4/35

In: 511.232+/-361.854 χ^2/NDF:25.9/21

Out: 450.842+/-334.990 χ^2/NDF:32.0/25

All: 478.713+/-245.823 χ^2/NDF: 57.9/47



Right In: 1470.683+/-0.412 χ^2/NDF: 567728.4/16

Left Out: 907.402+/-0.288 χ^2/NDF:120879.6/6

Right Out: 1543.589+/-0.417 χ^2/NDF: 454253.5/18

Left In: 925.217+/-0.326 χ^2/NDF:160981.4/4

Left: 915.198+/-0.216 χ^2/NDF: 283538.2/11

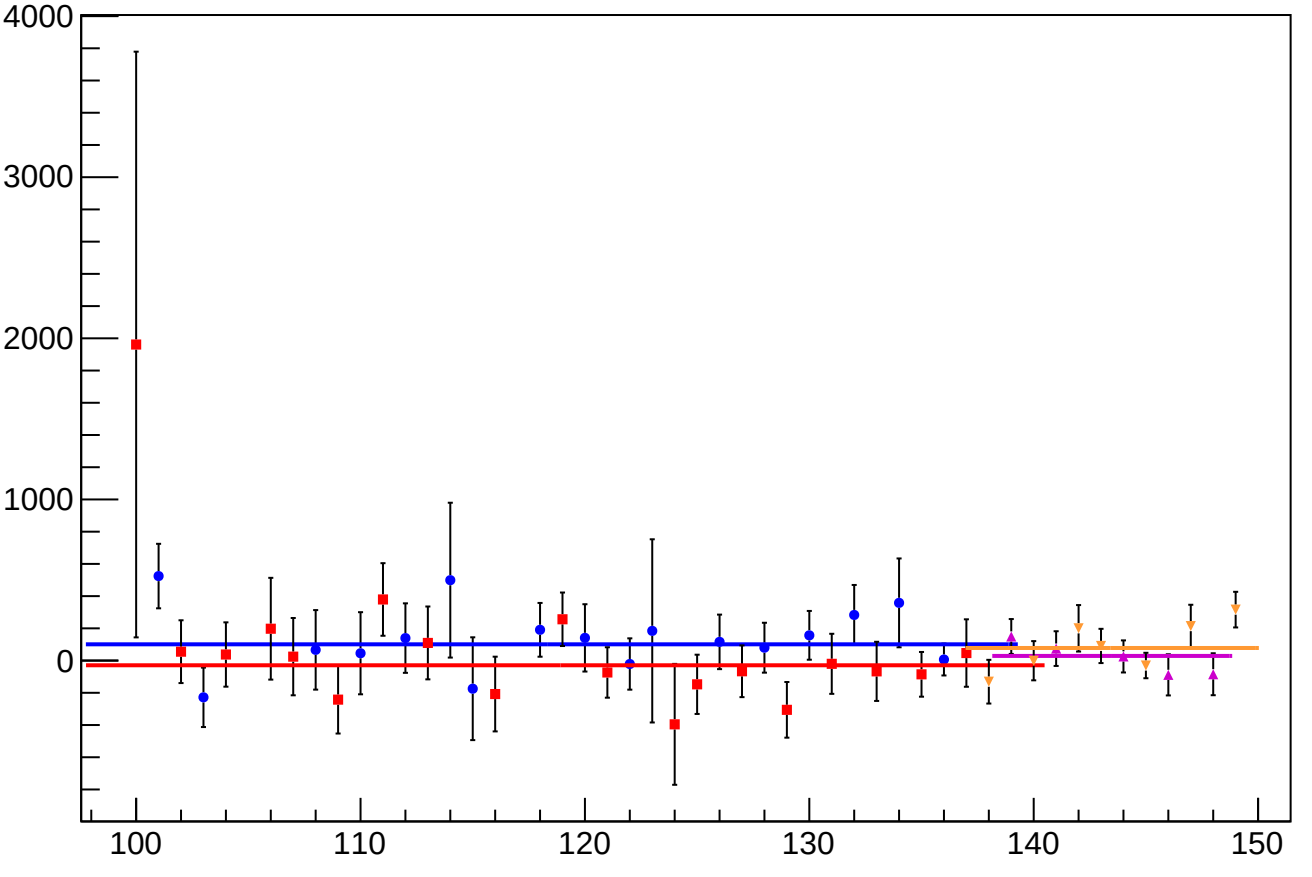
Right: 1506.721+/-0.293 χ^2/NDF: 1037425.2/35

In: 1135.116+/-0.256 χ^2/NDF:1804562.0/21

Out: 1112.498+/-0.237 χ^2/NDF:2150901.4/25

All: 1122.937+/-0.174 χ^2/NDF: 3959671.3/47

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918+/-45.284 χ^2/NDF: 13.0/16

Left Out: 78.165+/-42.334 χ^2/NDF:11.1/6

Right Out: -29.152+/-45.695 χ^2/NDF: 14.7/18

Left In: 28.874+/-50.459 χ^2/NDF:3.0/4

Left: 57.802+/-32.432 χ^2/NDF: 14.7/11

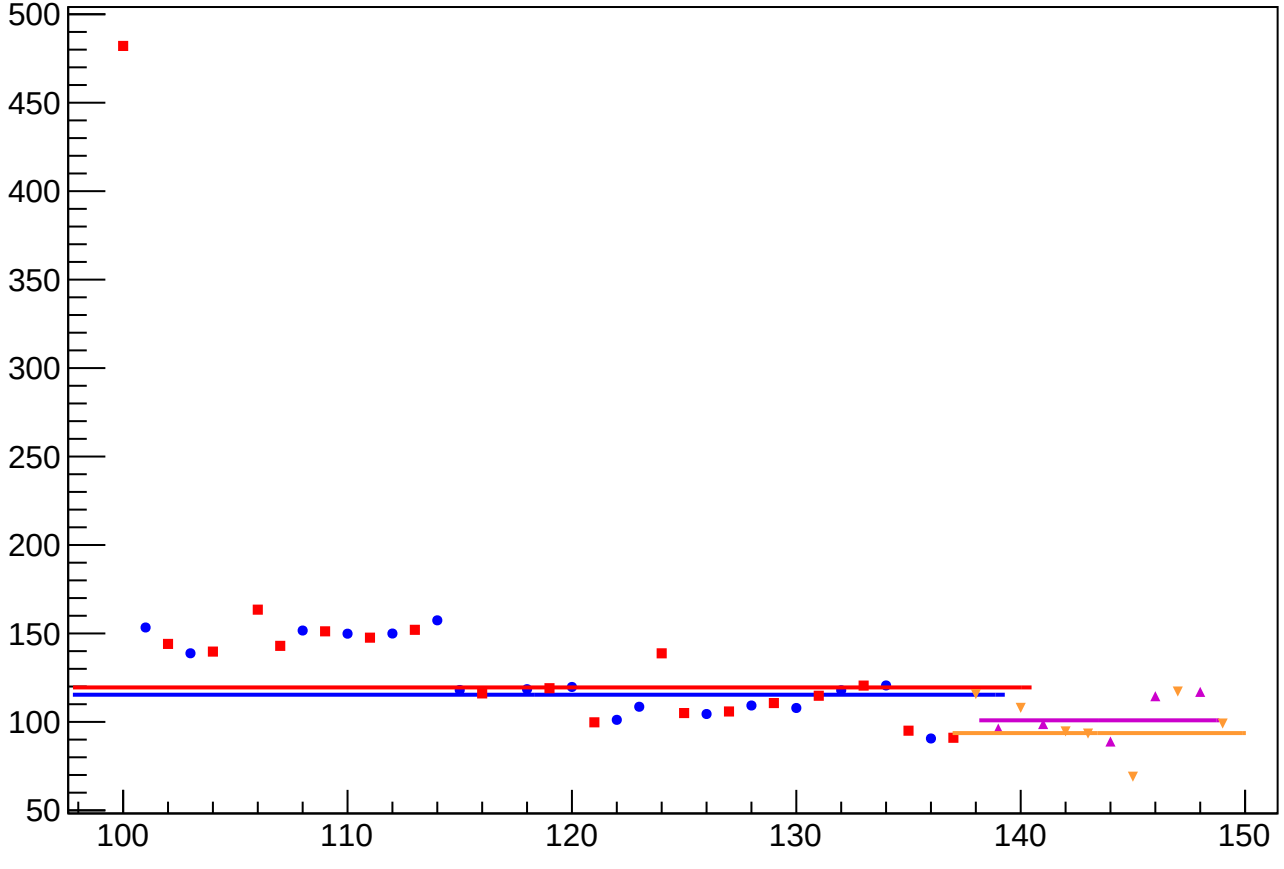
Right: 36.472+/-32.165 χ^2/NDF: 31.8/35

In: 68.779+/-33.702 χ^2/NDF:17.2/21

Out: 28.598+/-31.055 χ^2/NDF:28.8/25

All: 47.049+/-22.838 χ^2/NDF: 46.8/47

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366+/-0.032 χ^2/NDF: 411362.6/16

Left Out: 93.686+/-0.030 χ^2/NDF:342951.3/6

Right Out: 119.492+/-0.032 χ^2/NDF: 477965.0/18

Left In: 100.895+/-0.036 χ^2/NDF:86678.3/4

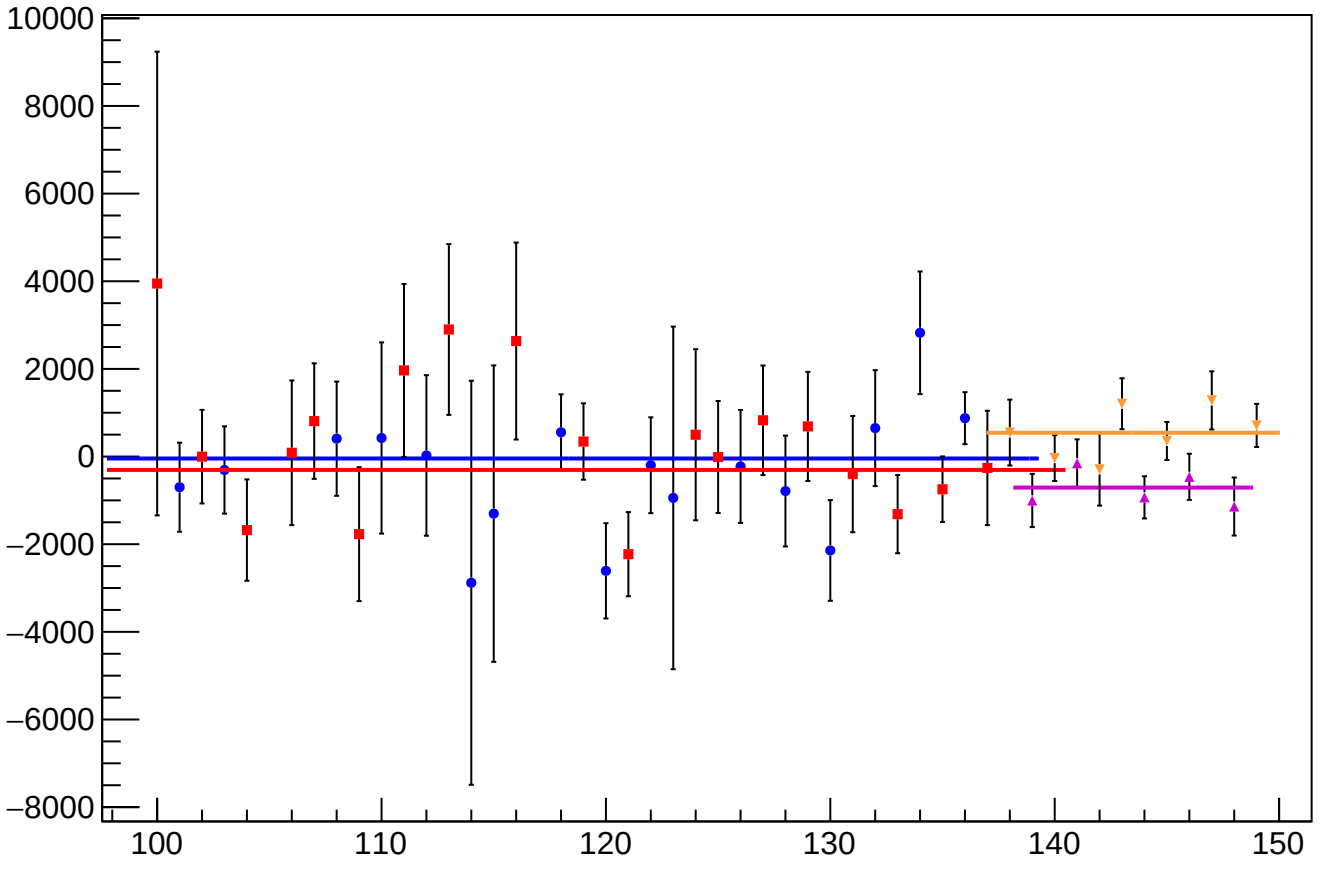
Left: 96.664+/-0.023 χ^2/NDF: 453589.2/11

Right: 117.411+/-0.023 χ^2/NDF: 897552.7/35

In: 108.911+/-0.024 χ^2/NDF:589157.7/21

Out: 105.605+/-0.022 χ^2/NDF:1164166.7/25

All: 107.123+/-0.016 χ^2/NDF: 1763729.6/47



Right In: -44.553+/-286.284 χ^2/NDF: 17.9/16

Left Out: 542.462+/-215.253 χ^2/NDF:5.1/6

Right Out: -304.797+/-282.708 χ^2/NDF: 17.4/18

Left In: -707.857+/-247.891 χ^2/NDF:2.1/4

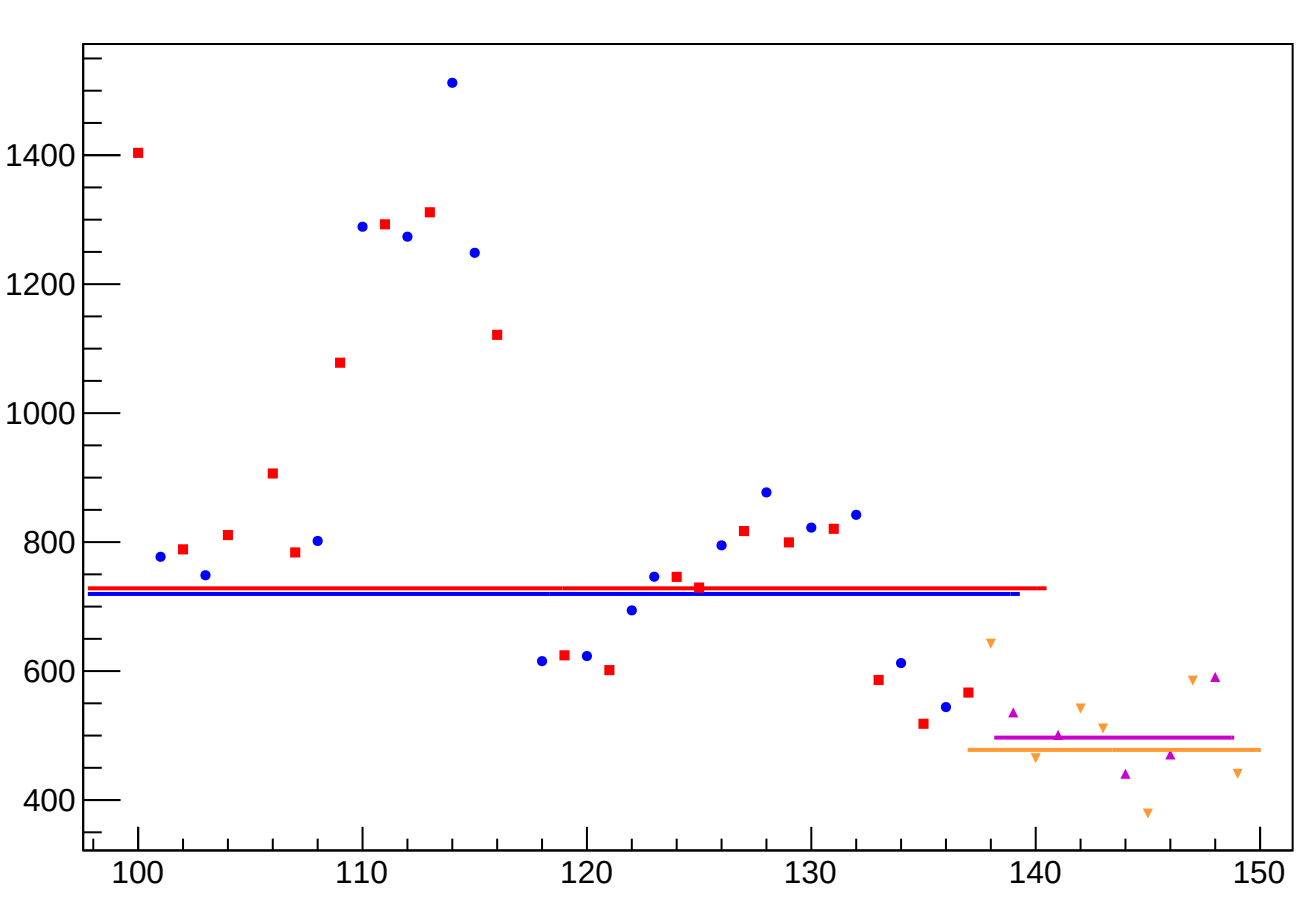
Left: 4.978+/-162.530 χ^2/NDF: 21.7/11

Right: -176.310+/-201.157 χ^2/NDF: 35.7/35

In: -423.634+/-187.400 χ^2/NDF:23.1/21

Out: 231.537+/-171.261 χ^2/NDF:28.2/25

All: -66.626+/-126.421 χ^2/NDF: 57.9/47



Right In: 719.606+/-0.202 χ^2/NDF: 746949.1/16

Left Out: 477.797+/-0.152 χ^2/NDF:283523.8/6

Right Out: 728.331+/-0.200 χ^2/NDF: 913667.8/18

Left In: 496.801+/-0.175 χ^2/NDF:80758.7/4

Left: 485.966+/-0.115 χ^2/NDF: 370984.2/11

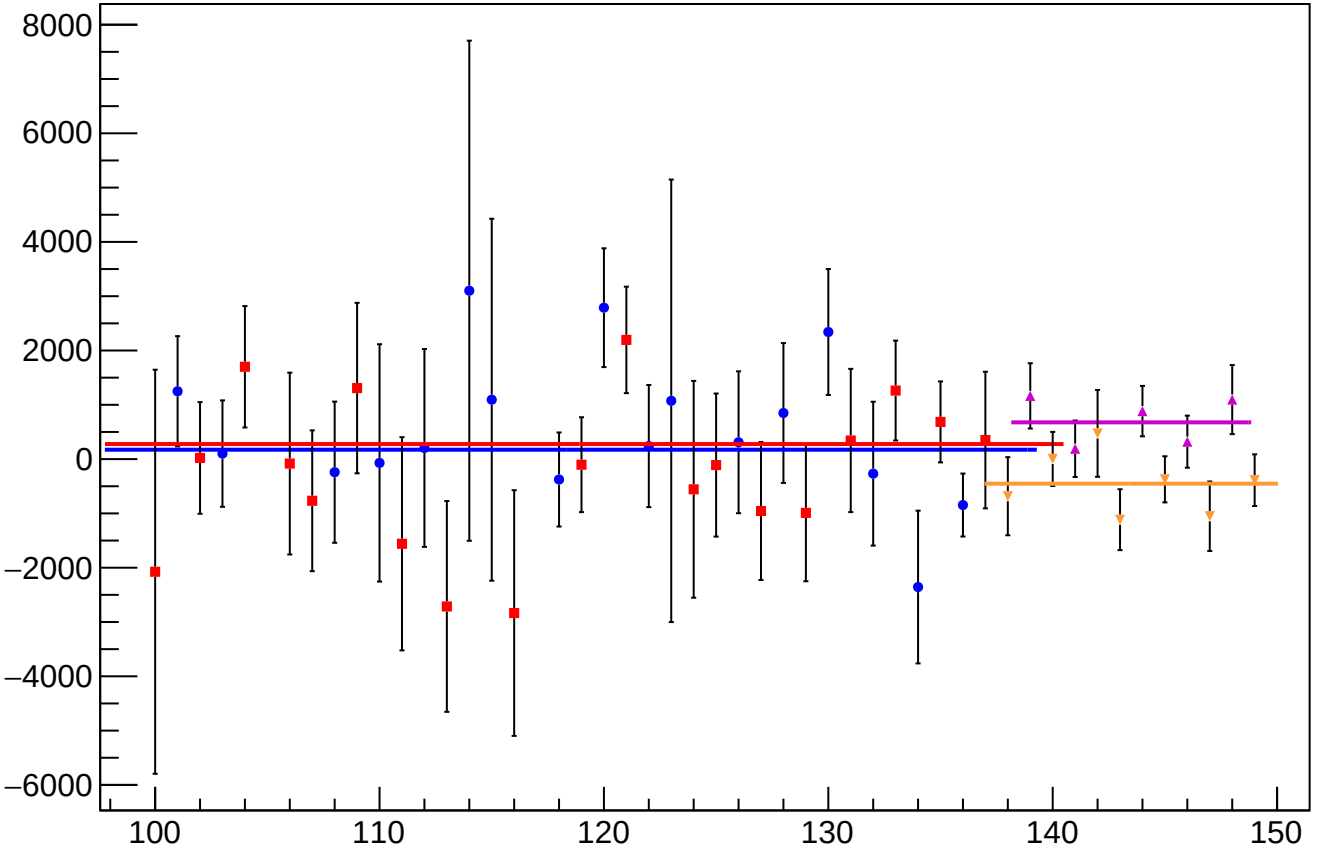
Right: 724.023+/-0.142 χ^2/NDF: 1661557.4/35

In: 592.272+/-0.133 χ^2/NDF:1520023.0/21

Out: 569.737+/-0.121 χ^2/NDF:2191465.1/25

All: 579.992+/-0.089 χ^2/NDF: 3727246.6/47

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF: 18.1/16

Left Out: -452.643+/-208.004 χ^2/NDF:4.6/6

Right Out: 277.145+/-282.726 χ^2/NDF: 16.0/18

Left In: 676.790+/-236.152 χ^2/NDF:2.7/4

Left: 40.785+/-156.089 χ^2/NDF: 20.2/11

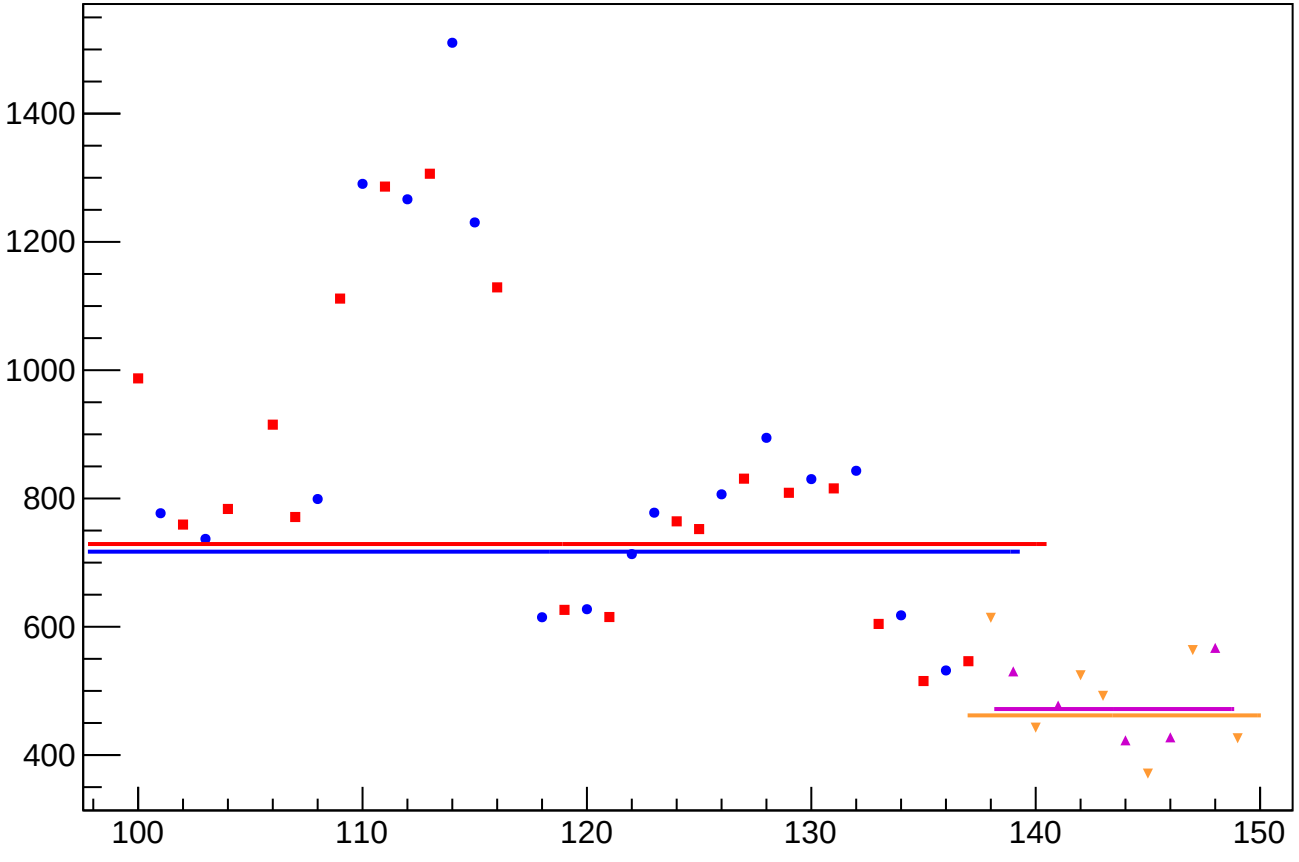
Right: 225.702+/-200.951 χ^2/NDF: 34.2/35

In: 472.351+/-182.013 χ^2/NDF:22.7/21

Out: -196.353+/-167.546 χ^2/NDF:25.0/25

All: 110.370+/-123.271 χ^2/NDF: 54.9/47

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF: 782449.4/16

Left Out: 461.842+/-0.147 χ^2/NDF:263725.1/6

Right Out: 728.989+/-0.200 χ^2/NDF: 890725.1/18

Left In: 471.751+/-0.167 χ^2/NDF:103271.3/4

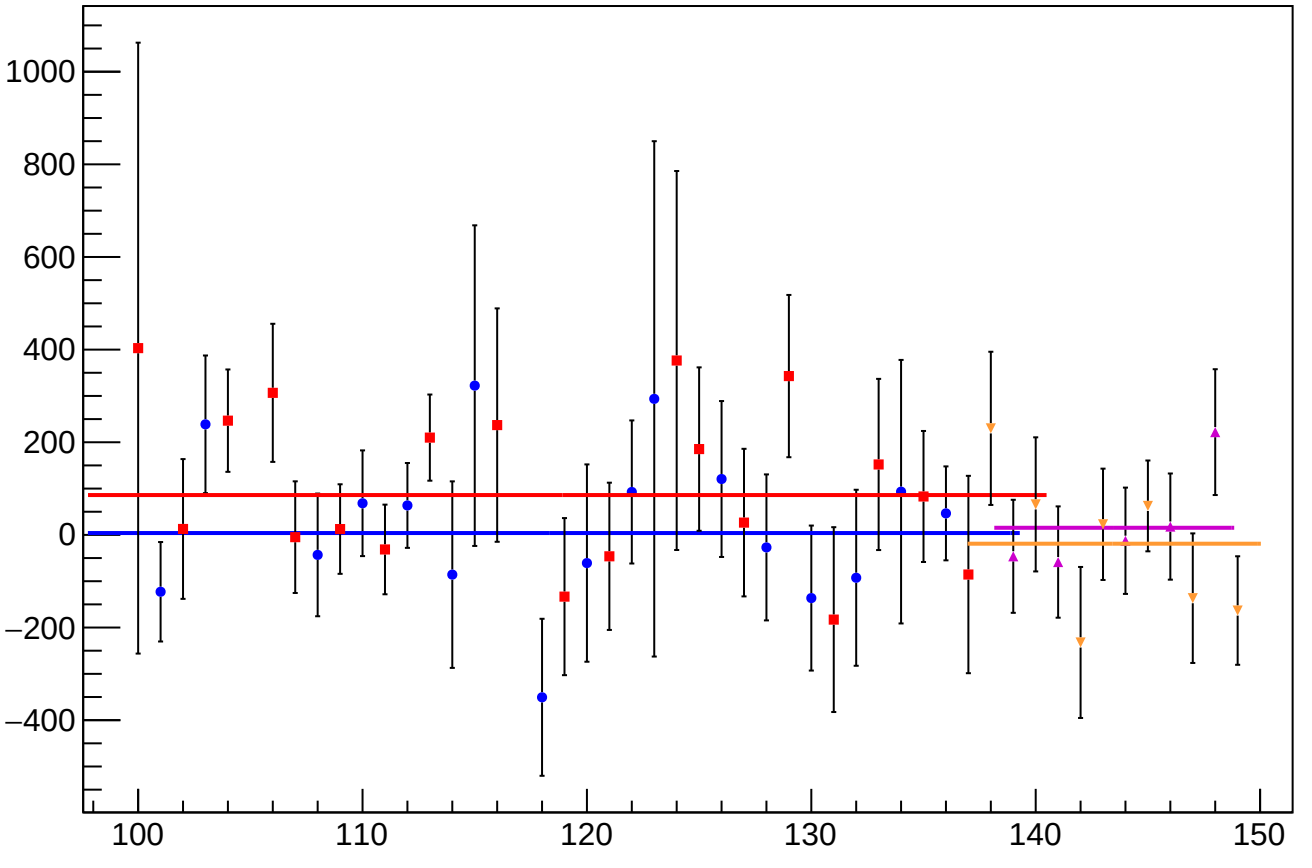
Left: 466.171+/-0.110 χ^2/NDF: 368979.2/11

Right: 723.098+/-0.142 χ^2/NDF: 1674929.6/35

In: 571.343+/-0.129 χ^2/NDF:1761968.2/21

Out: 555.660+/-0.118 χ^2/NDF:2313015.0/25

All: 562.853+/-0.087 χ^2/NDF: 4083020.5/47



Right In: 4.011+/-35.950 χ^2/NDF: 12.7/16

Left Out: -19.014+/-48.842 χ^2/NDF:7.4/6

Right Out: 86.020+/-33.370 χ^2/NDF: 17.6/18

Left In: 15.380+/-54.018 χ^2/NDF:3.0/4

Left: -3.543+/-36.229 χ^2/NDF: 10.6/11

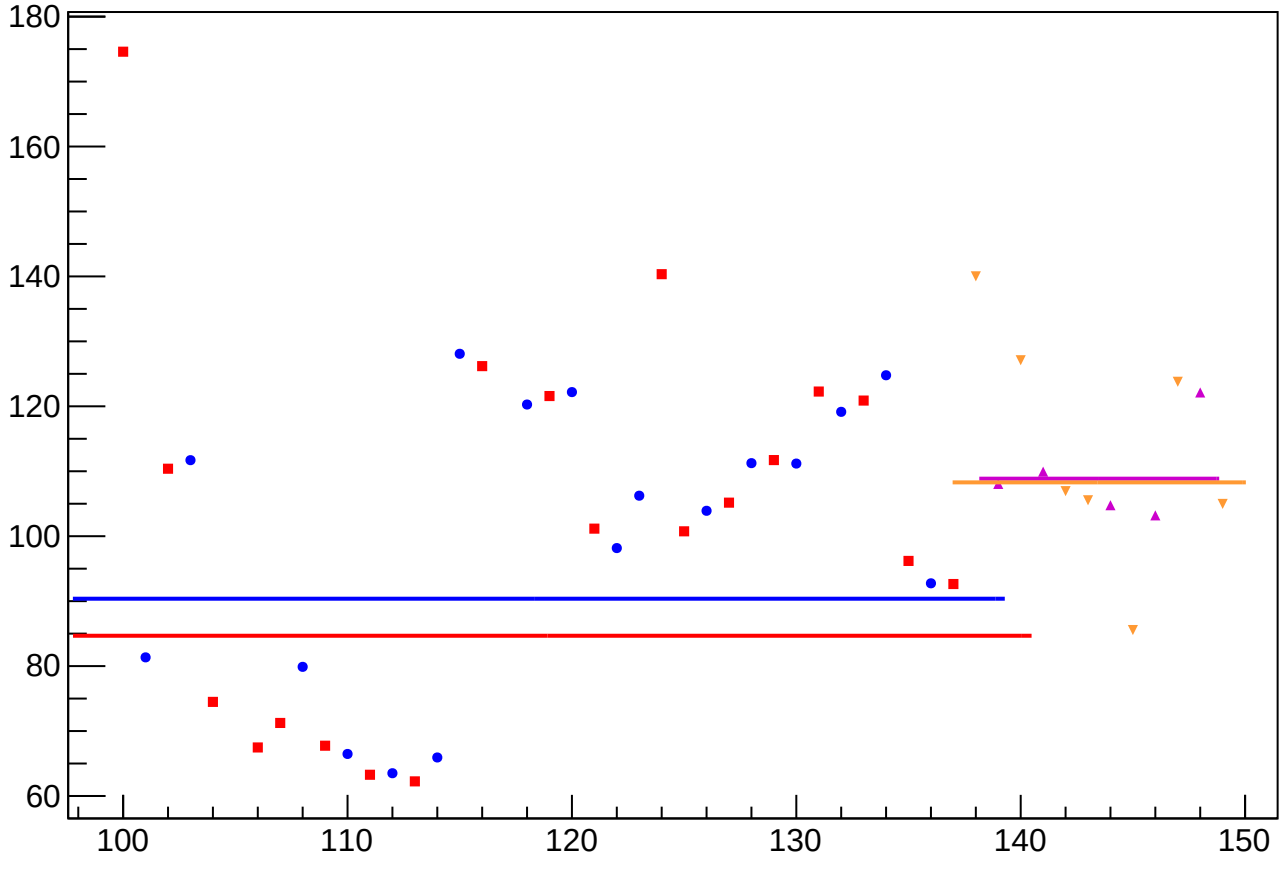
Right: 48.064+/-24.458 χ^2/NDF: 33.1/35

In: 7.501+/-29.928 χ^2/NDF:15.8/21

Out: 52.593+/-27.553 χ^2/NDF:28.1/25

All: 31.907+/-20.271 χ^2/NDF: 45.1/47

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF: 654139.7/16

Left Out: 108.288+/-0.035 χ^2/NDF:242249.6/6

Right Out: 84.673+/-0.024 χ^2/NDF: 908123.4/18

Left In: 108.858+/-0.038 χ^2/NDF:26752.0/4

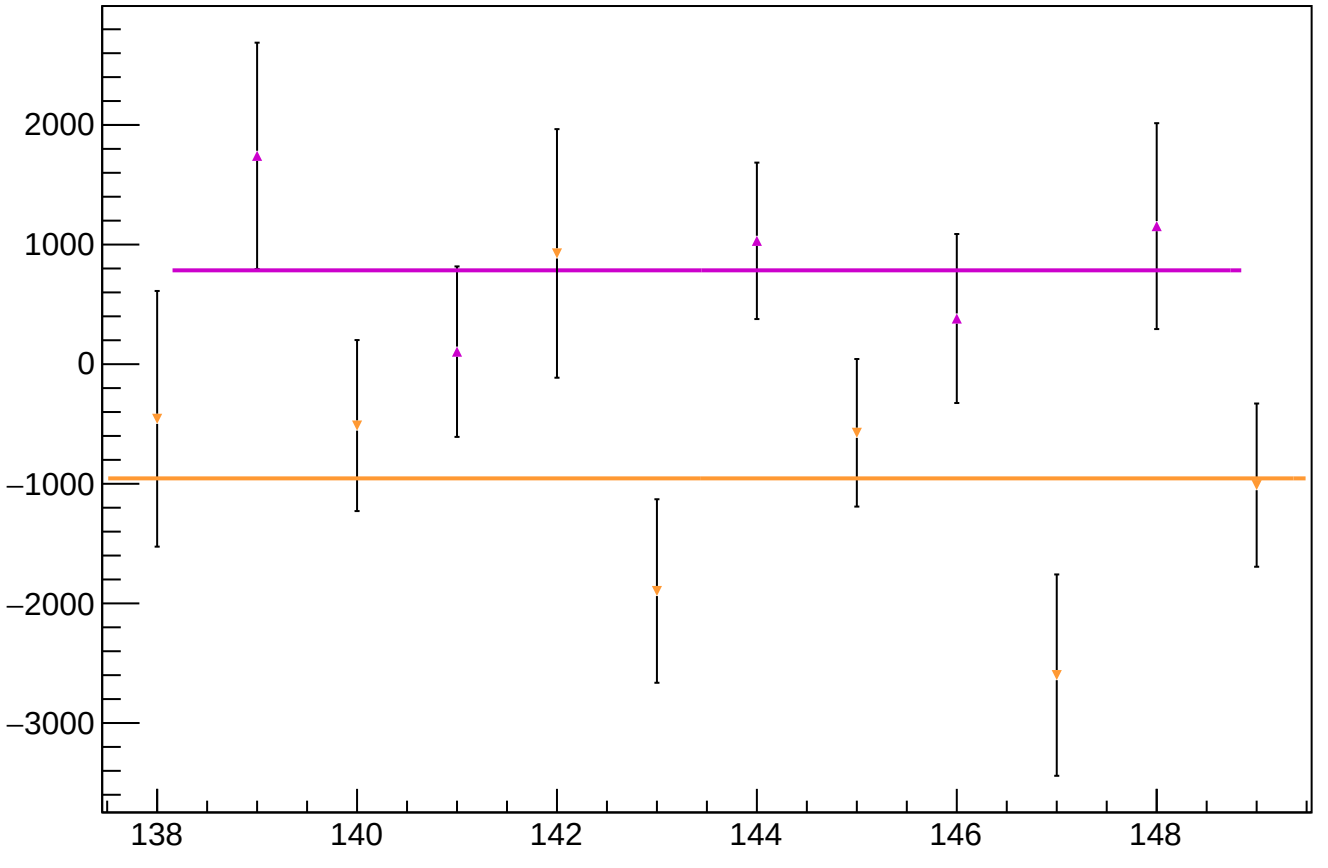
Left: 108.544+/-0.026 χ^2/NDF: 269124.1/11

Right: 87.312+/-0.017 χ^2/NDF: 1589292.9/35

In: 96.049+/-0.021 χ^2/NDF:843161.0/21

Out: 92.188+/-0.019 χ^2/NDF:1469122.3/25

All: 93.959+/-0.014 χ^2/NDF: 2330294.1/47



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

Left Out: -954.805+/-293.062 χ^2/NDF:9.6/6

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

Left In: 784.570+/-337.521 χ^2/NDF:2.6/4

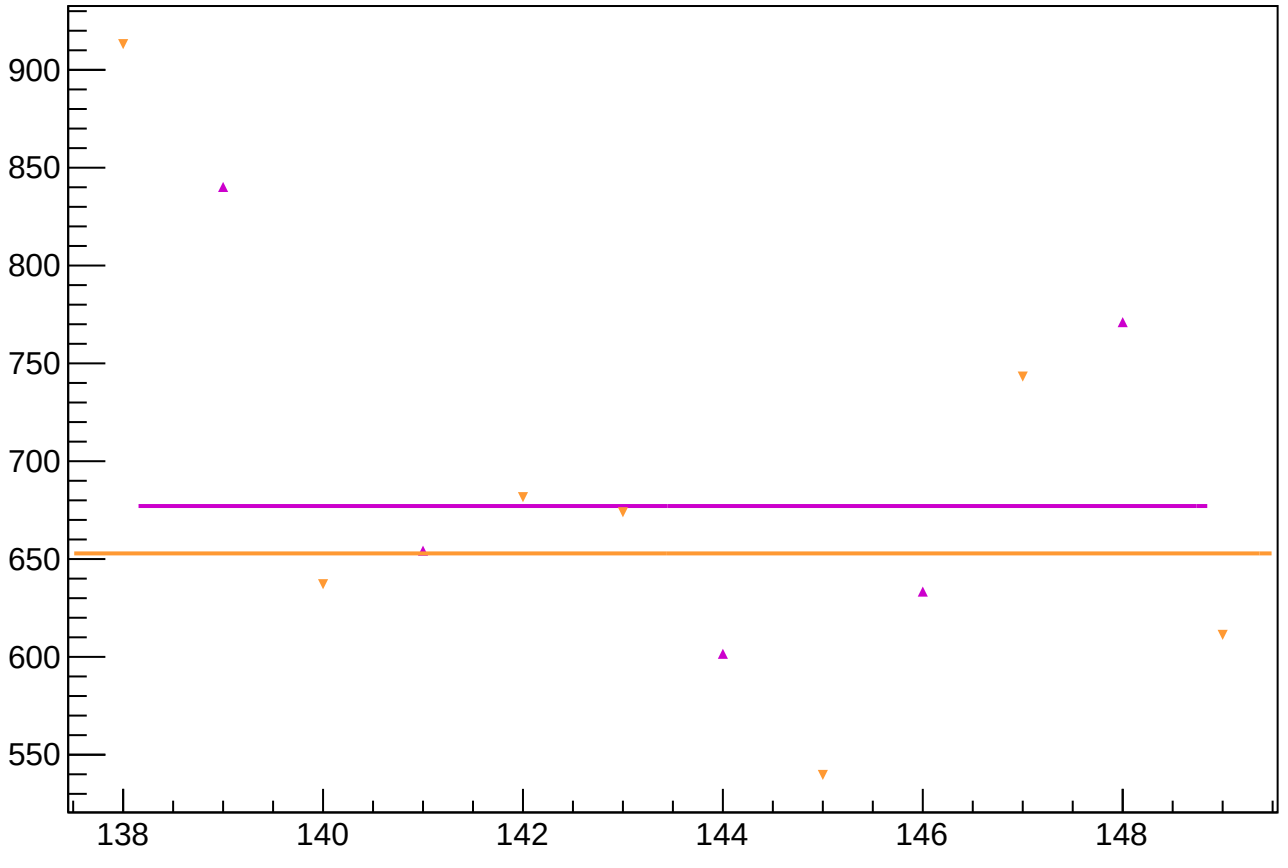
Left: -207.144+/-221.287 χ^2/NDF: 27.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 784.570+/-337.521 χ^2/NDF:2.6/4

Out: -954.805+/-293.062 χ^2/NDF:9.6/6

All: -207.144+/-221.287 χ^2/NDF: 27.3/11



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

Left Out: 652.881+/-0.207 χ^2/NDF:220429.5/6

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

Left In: 677.098+/-0.239 χ^2/NDF:119647.3/4

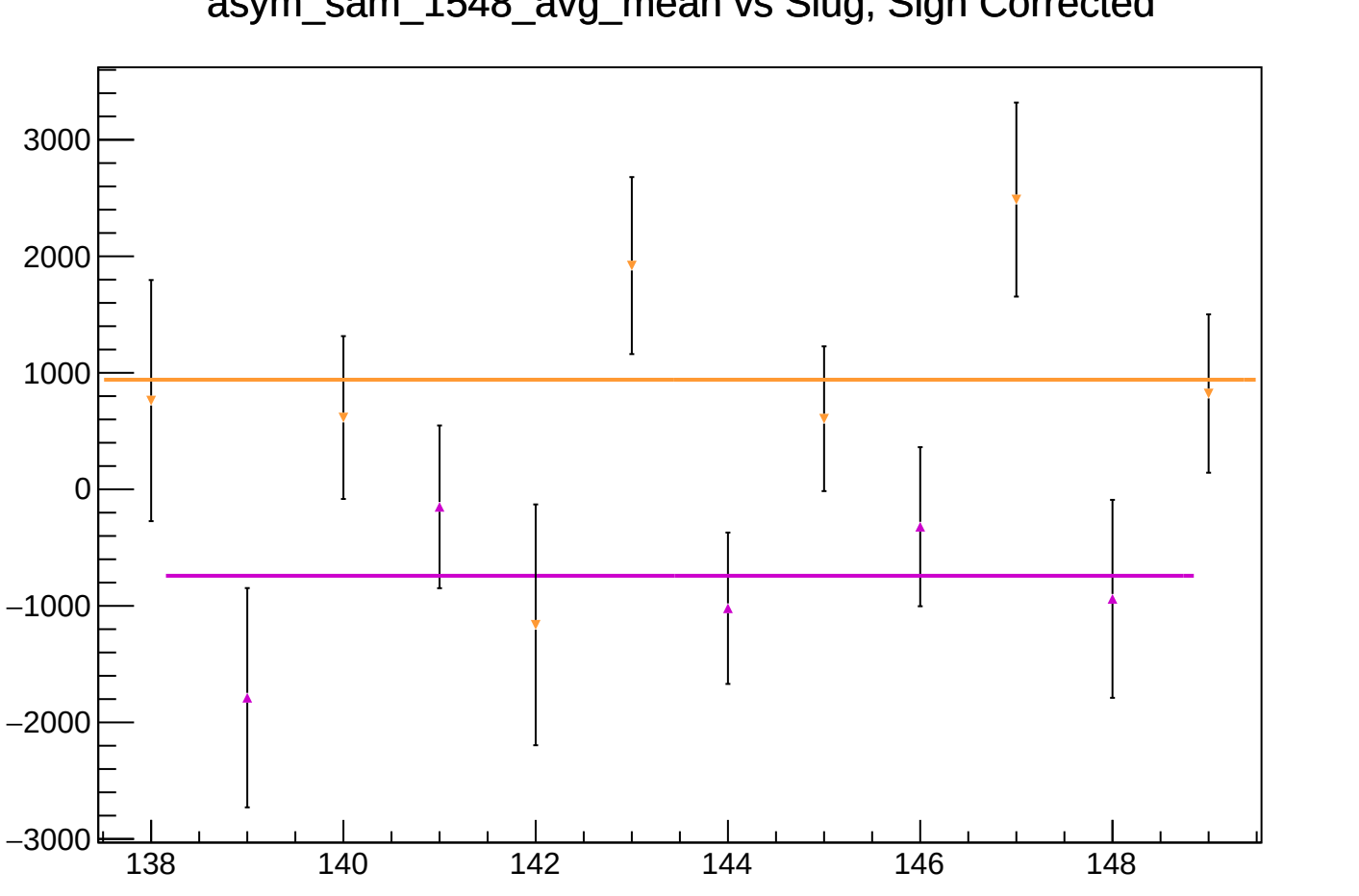
Left: 663.291+/-0.156 χ^2/NDF: 345947.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 677.098+/-0.239 χ^2/NDF:119647.3/4

Out: 652.881+/-0.207 χ^2/NDF:220429.5/6

All: 663.291+/-0.156 χ^2/NDF: 345947.1/11



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

Left Out: 941.029+/-290.454 χ^2/NDF:9.8/6

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

Left In: -741.526+/-331.775 χ^2/NDF:2.6/4

Left: 210.998+/-218.540 χ^2/NDF: 27.0/11

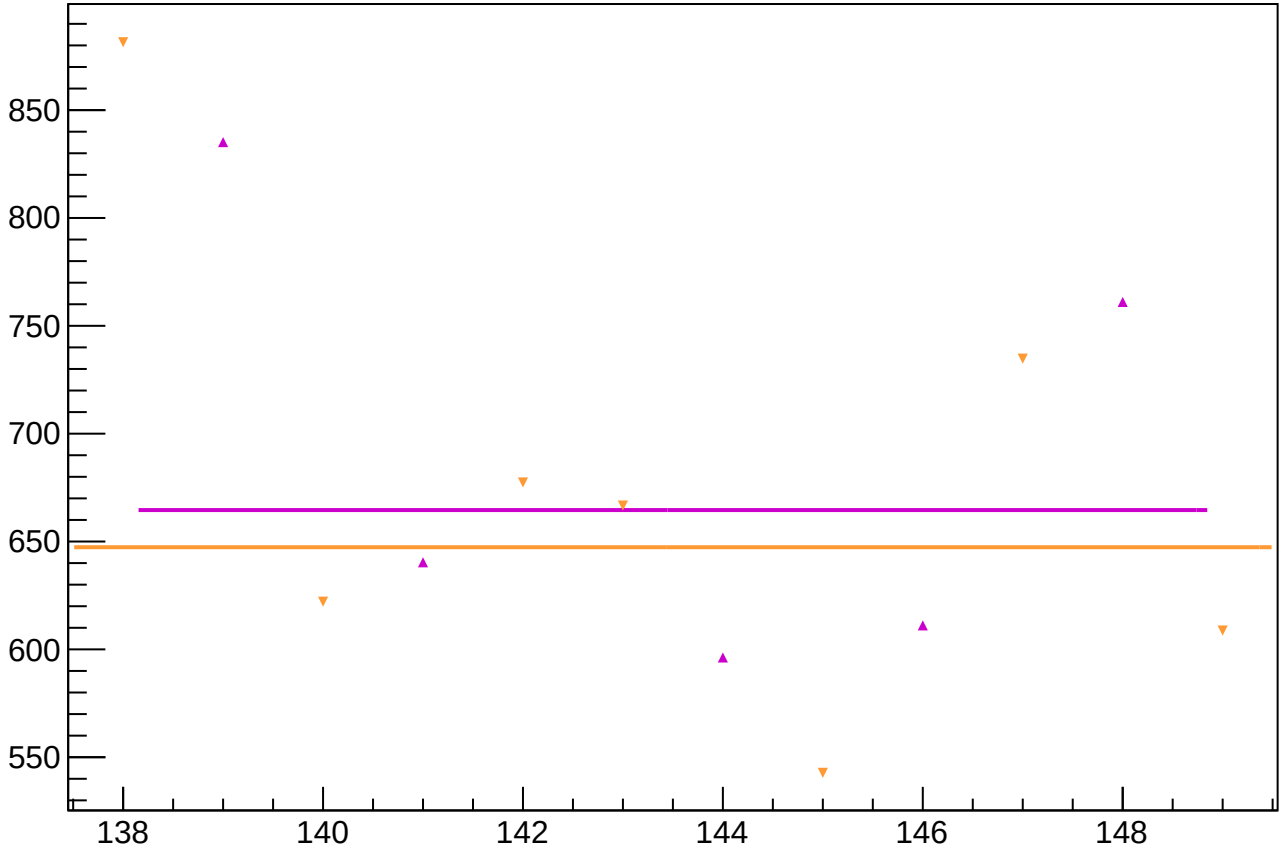
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -741.526+/-331.775 χ^2/NDF:2.6/4

Out: 941.029+/-290.454 χ^2/NDF:9.8/6

All: 210.998+/-218.540 χ^2/NDF: 27.0/11

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 647.355+/-0.205 χ^2/NDF:193251.8/6

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

Left In: 664.581+/-0.235 χ^2/NDF:128367.0/4

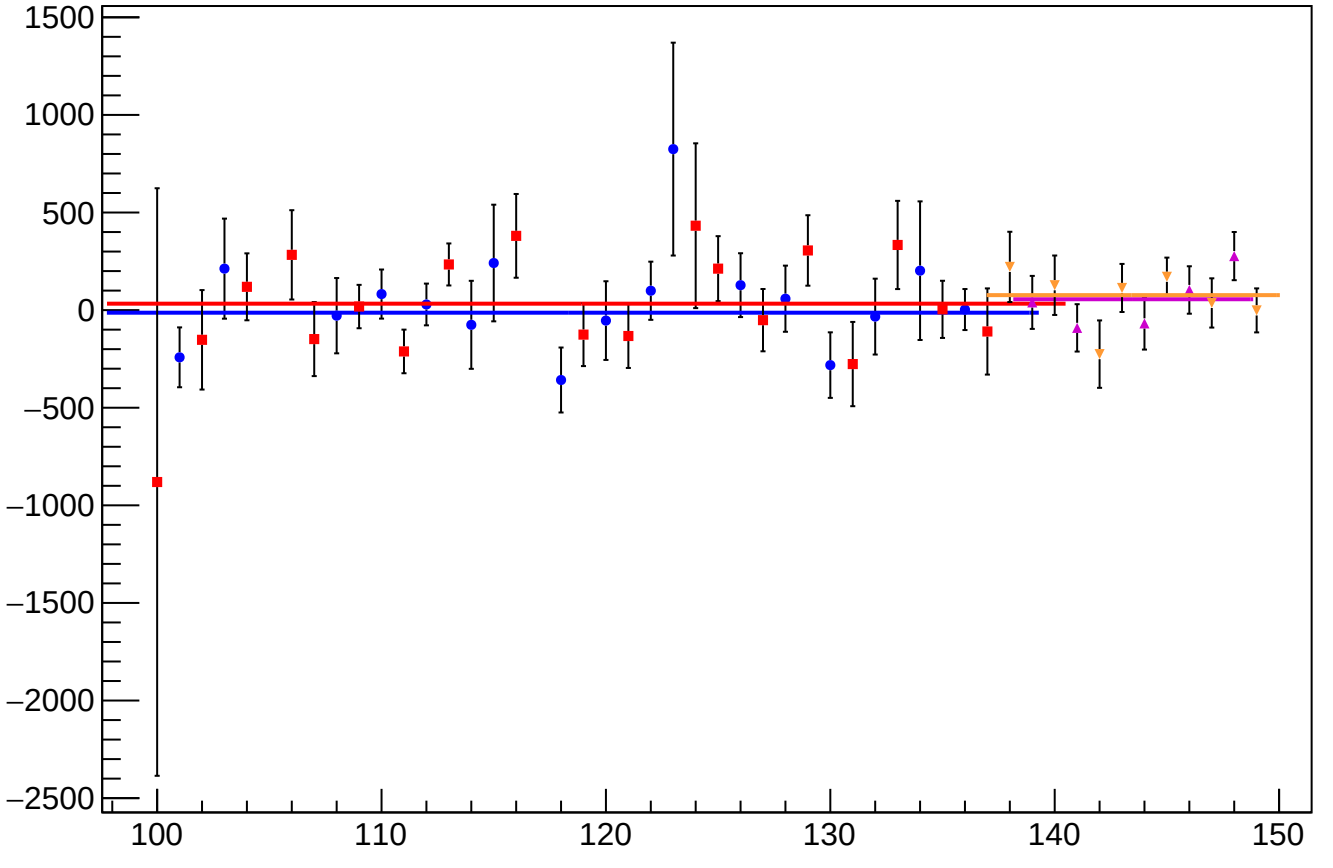
Left: 654.829+/-0.155 χ^2/NDF: 324671.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 664.581+/-0.235 χ^2/NDF:128367.0/4

Out: 647.355+/-0.205 χ^2/NDF:193251.8/6

All: 654.829+/-0.155 χ^2/NDF: 324671.0/11



Right In: -13.215+/-40.554 χ^2/NDF: 15.7/16

Left Out: 76.792+/-48.876 χ^2/NDF:5.4/6

Right Out: 33.027+/-38.878 χ^2/NDF: 25.1/18

Left In: 55.744+/-56.691 χ^2/NDF:5.7/4

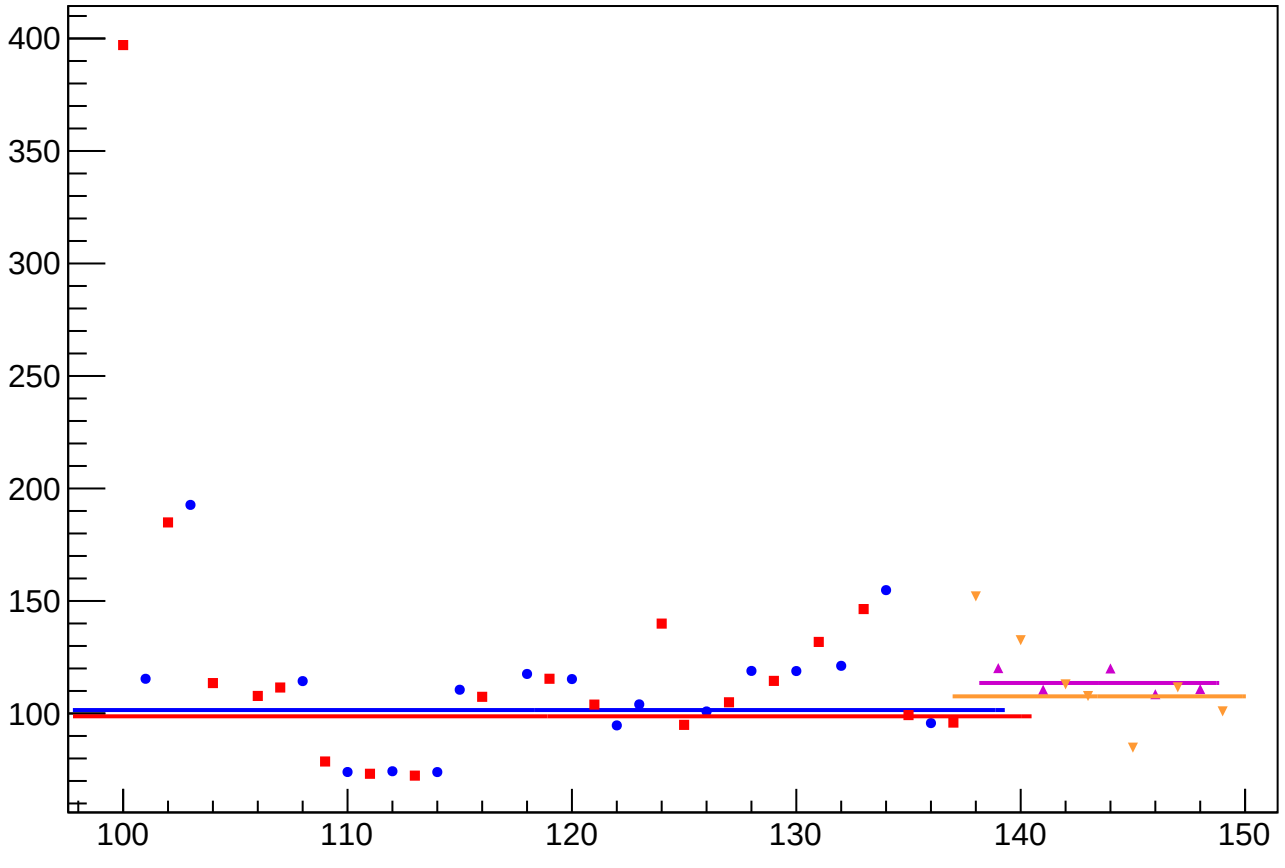
Left: 67.818+/-37.018 χ^2/NDF: 11.2/11

Right: 10.881+/-28.065 χ^2/NDF: 41.4/35

In: 10.128+/-32.983 χ^2/NDF:22.4/21

Out: 49.987+/-30.426 χ^2/NDF:31.0/25

All: 31.662+/-22.364 χ^2/NDF: 54.1/47



Right In: 101.519+/-0.029 χ^2/NDF: 681713.7/16

Left Out: 107.607+/-0.035 χ^2/NDF:294226.4/6

Right Out: 98.736+/-0.027 χ^2/NDF: 825631.4/18

Left In: 113.552+/-0.040 χ^2/NDF:14936.7/4

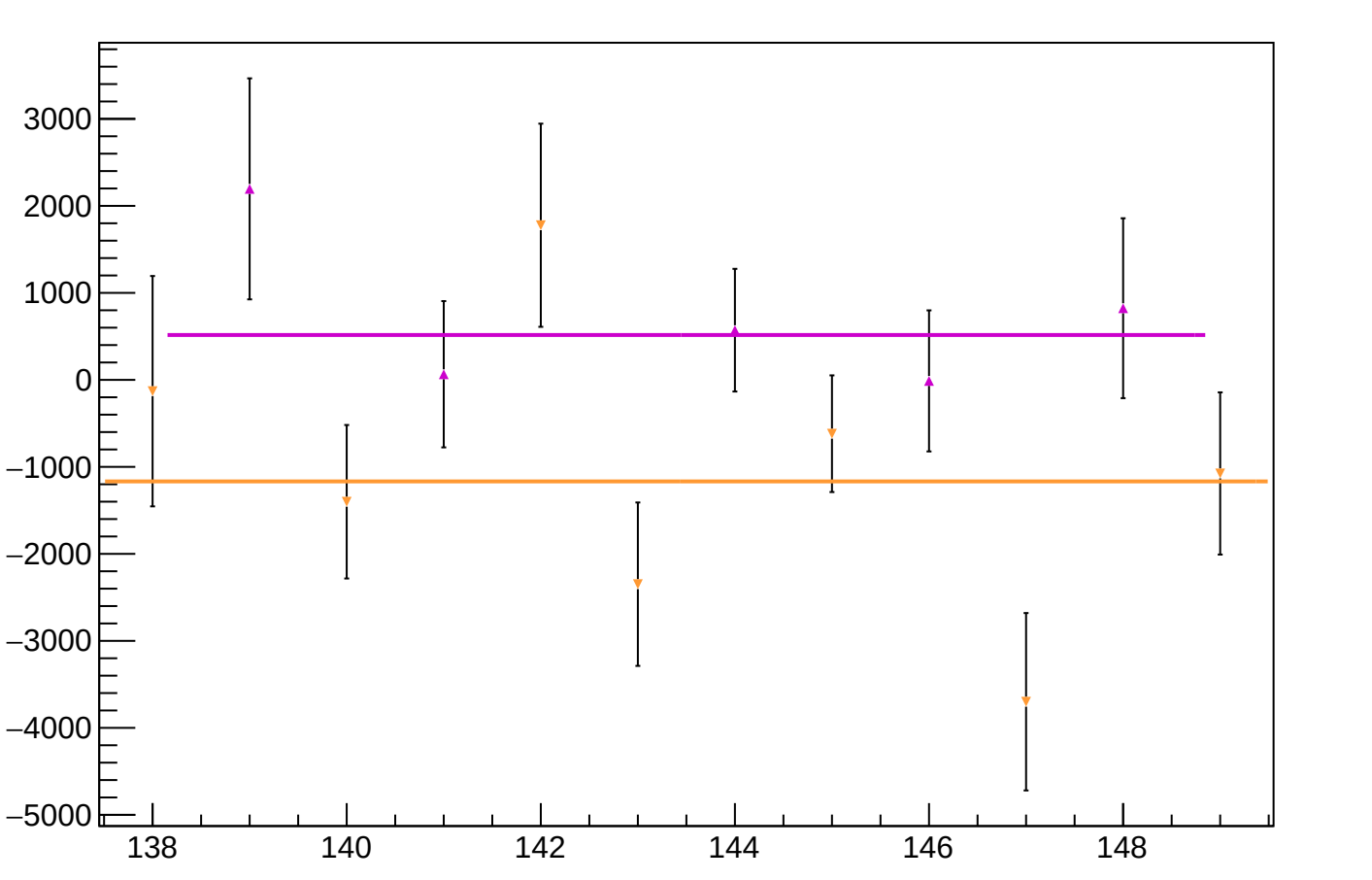
Left: 110.142+/-0.026 χ^2/NDF: 321779.8/11

Right: 100.069+/-0.020 χ^2/NDF: 1512254.1/35

In: 105.592+/-0.023 χ^2/NDF:756251.7/21

Out: 102.174+/-0.022 χ^2/NDF:1160209.7/25

All: 103.745+/-0.016 χ^2/NDF: 1928069.2/47



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

Left Out: -1167.145+/-352.255 χ^2/NDF:15.5/6

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

Left In: 515.753+/-392.138 χ^2/NDF:2.6/4

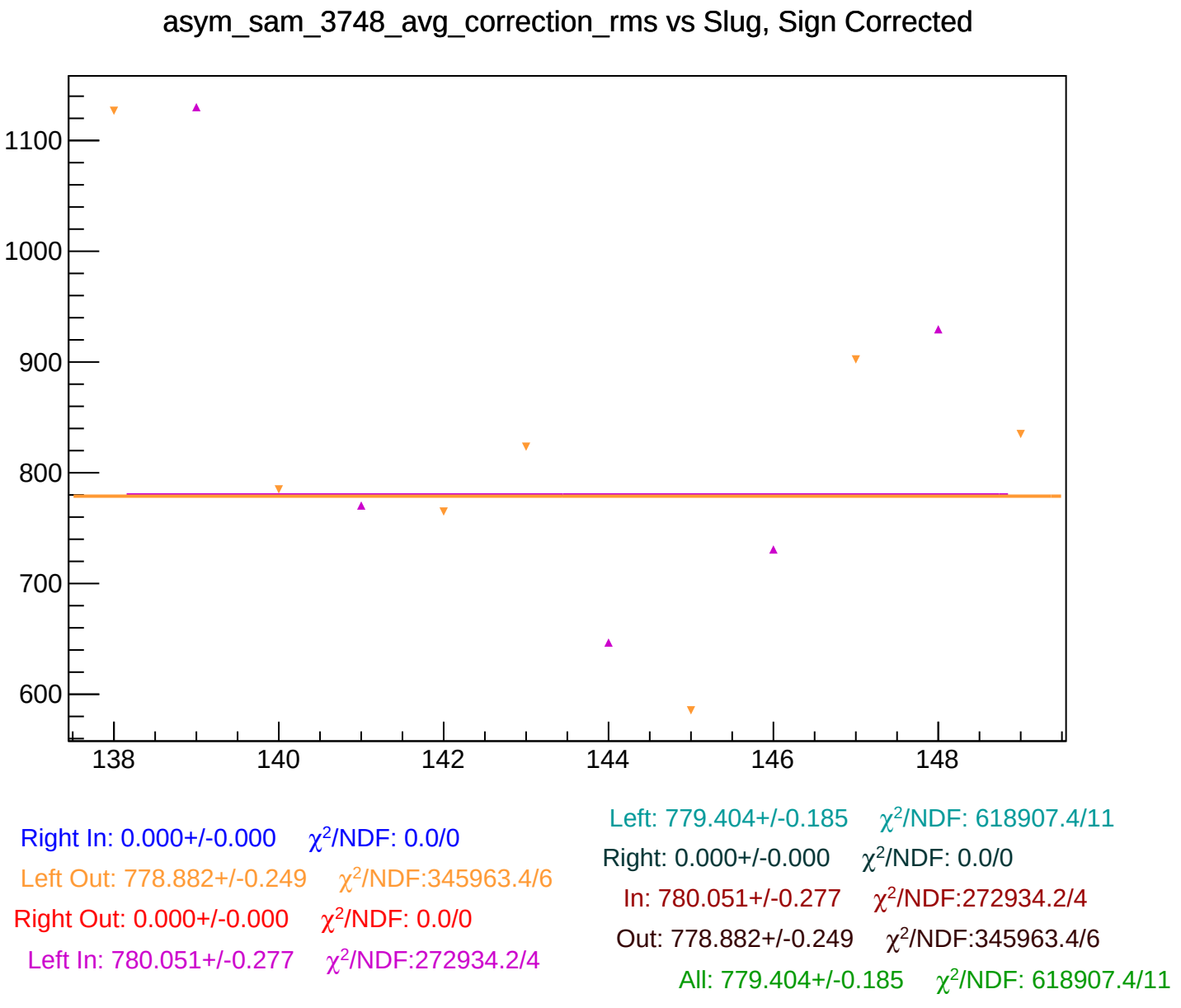
Left: -415.605+/-262.051 χ^2/NDF: 28.2/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

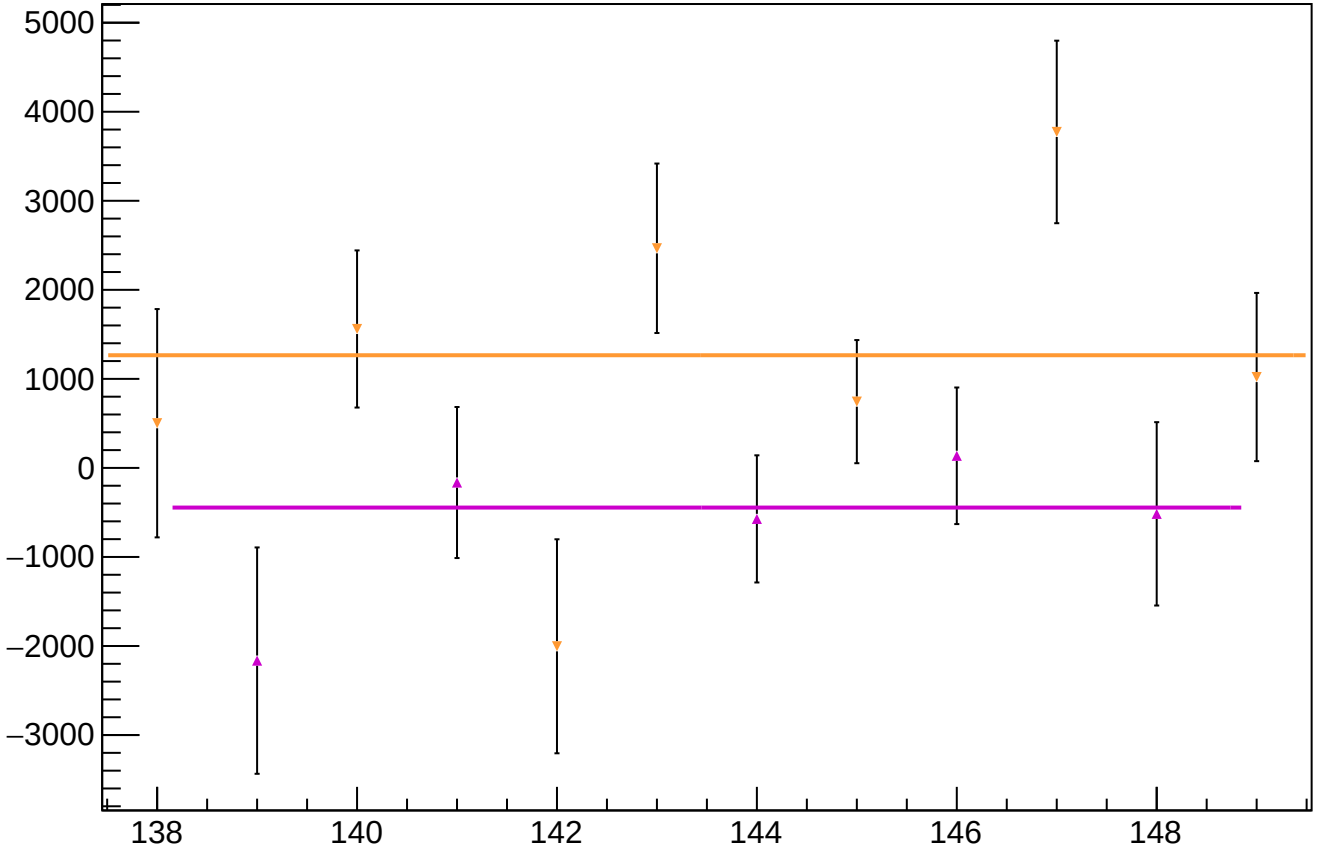
In: 515.753+/-392.138 χ^2/NDF:2.6/4

Out: -1167.145+/-352.255 χ^2/NDF:15.5/6

All: -415.605+/-262.051 χ^2/NDF: 28.2/11


asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected
1100
1000
900
800
700
600
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 778.882+/-0.249 χ²/NDF:345963.4/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 780.051+/-0.277 χ²/NDF:272934.2/4
Left: 779.404+/-0.185 χ²/NDF: 618907.4/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 780.051+/-0.277 χ²/NDF:272934.2/4
Out: 778.882+/-0.249 χ²/NDF:345963.4/6
All: 779.404+/-0.185 χ²/NDF: 618907.4/11

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1265.465+/-356.838 χ^2/NDF:16.1/6

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

Left In: -445.333+/-388.846 χ^2/NDF:2.5/4

Left: 483.364+/-262.911 χ^2/NDF: 29.1/11

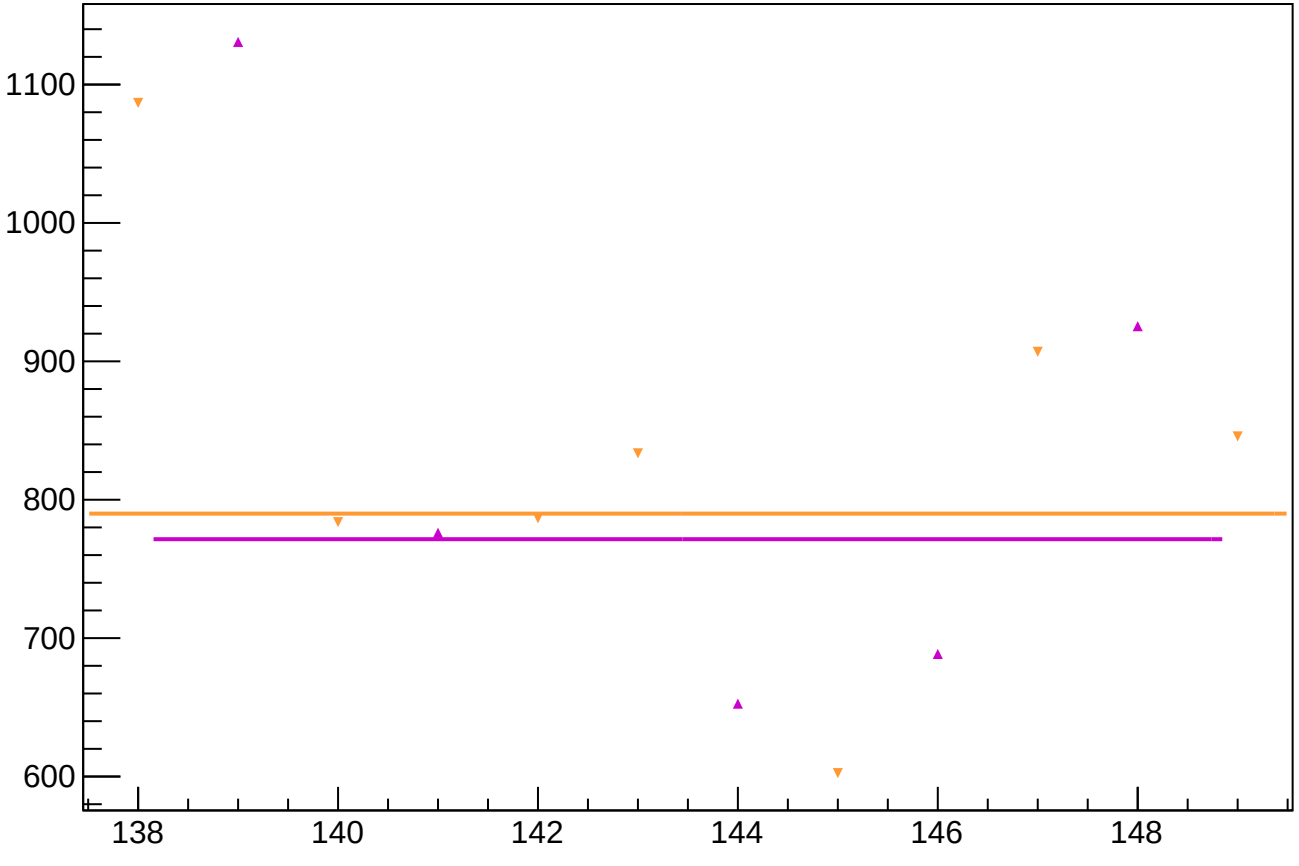
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -445.333+/-388.846 χ^2/NDF:2.5/4

Out: 1265.465+/-356.838 χ^2/NDF:16.1/6

All: 483.364+/-262.911 χ^2/NDF: 29.1/11

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 789.975+/-0.252 χ^2/NDF:291533.3/6

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

Left In: 771.493+/-0.275 χ^2/NDF:283334.2/4

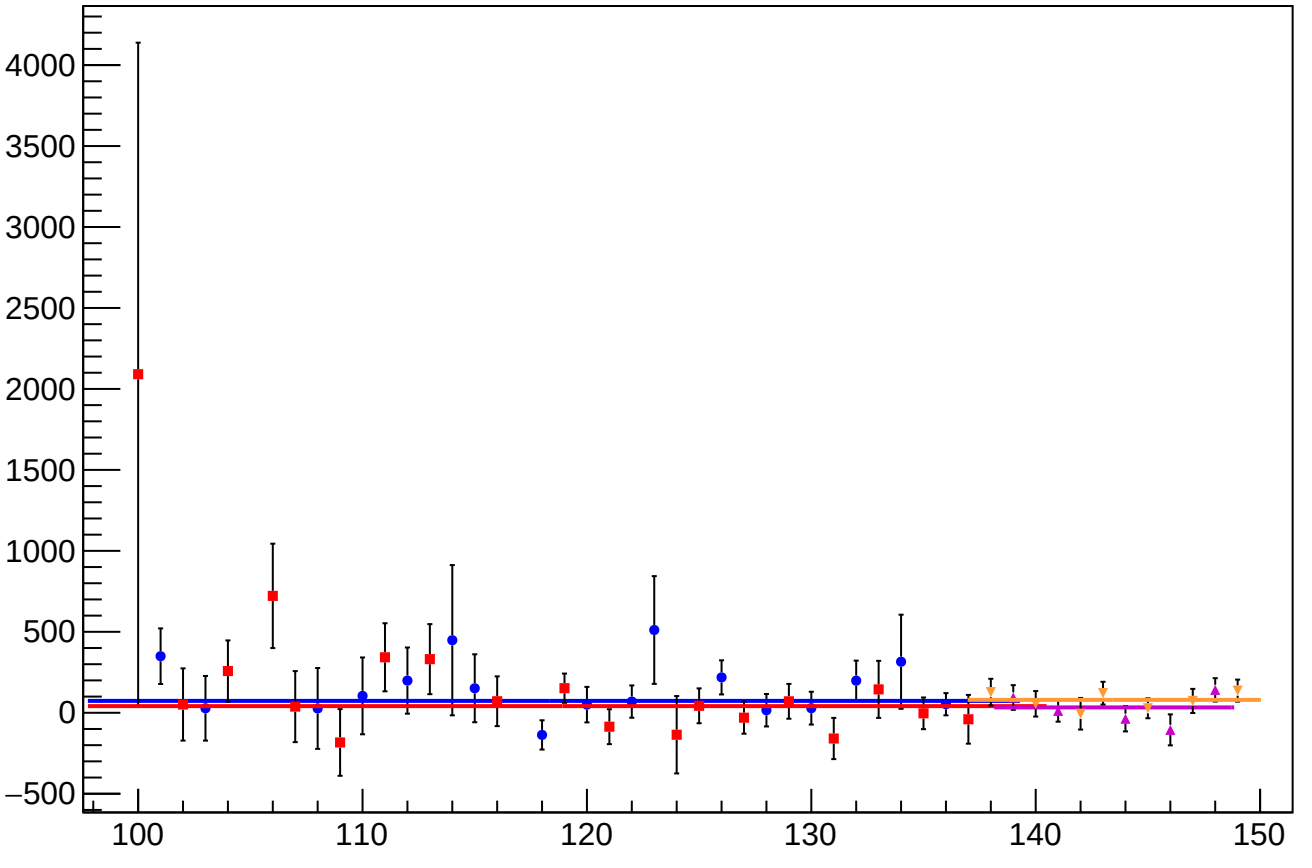
Left: 781.526+/-0.186 χ^2/NDF: 577320.2/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 771.493+/-0.275 χ^2/NDF:283334.2/4

Out: 789.975+/-0.252 χ^2/NDF:291533.3/6

All: 781.526+/-0.186 χ^2/NDF: 577320.2/11



Right In: 73.448+/-31.060 χ^2/NDF: 15.3/16

Left Out: 79.742+/-27.979 χ^2/NDF:3.0/6

Right Out: 41.118+/-32.741 χ^2/NDF: 19.2/18

Left In: 33.174+/-34.104 χ^2/NDF:5.9/4

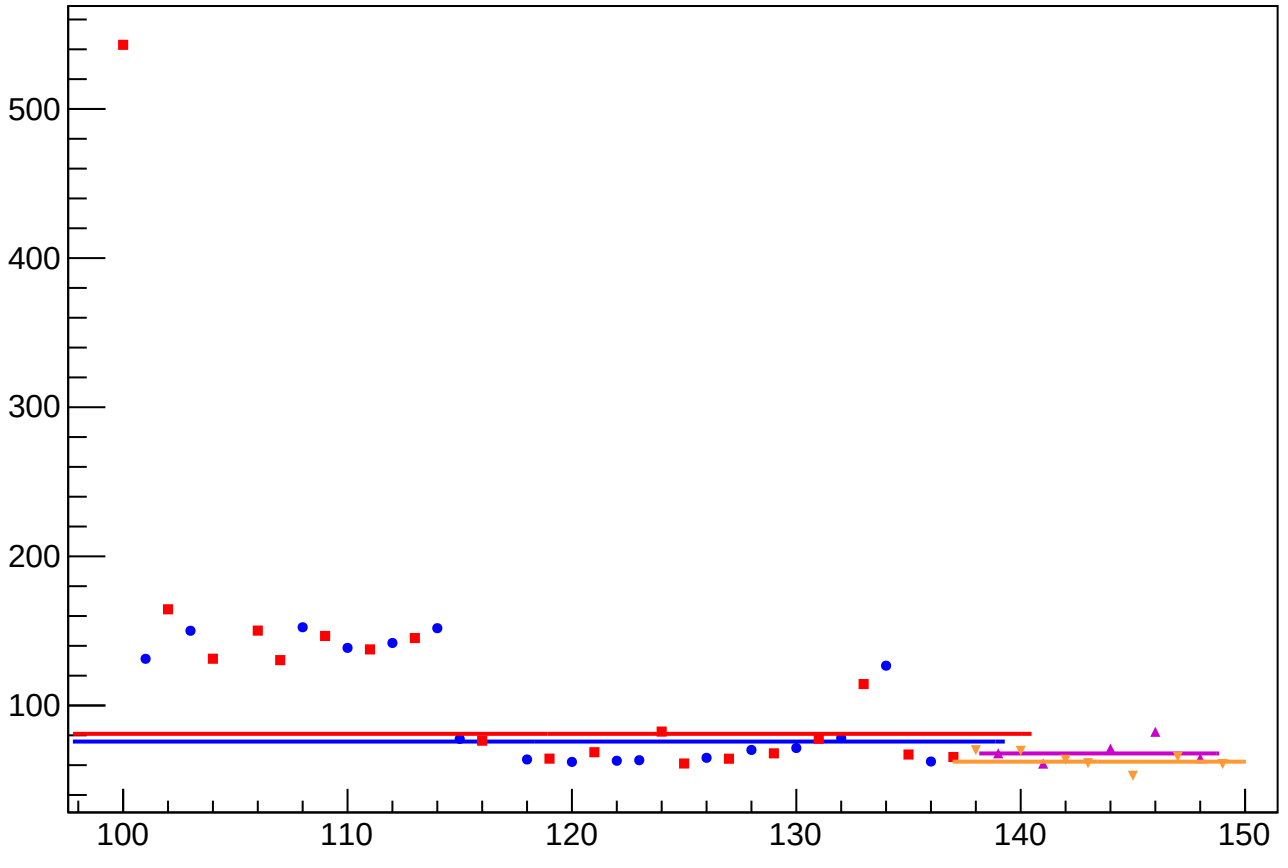
Left: 61.009+/-21.631 χ^2/NDF: 10.0/11

Right: 58.134+/-22.534 χ^2/NDF: 35.0/35

In: 55.188+/-22.964 χ^2/NDF:21.9/21

Out: 63.441+/-21.270 χ^2/NDF:23.0/25

All: 59.630+/-15.605 χ^2/NDF: 45.0/47



Right In: 75.820+/-0.022 χ^2/NDF: 1349961.8/16

Left Out: 62.332+/-0.020 χ^2/NDF:87393.6/6

Right Out: 80.999+/-0.023 χ^2/NDF: 1627899.8/18

Left In: 67.846+/-0.024 χ^2/NDF:74502.4/4

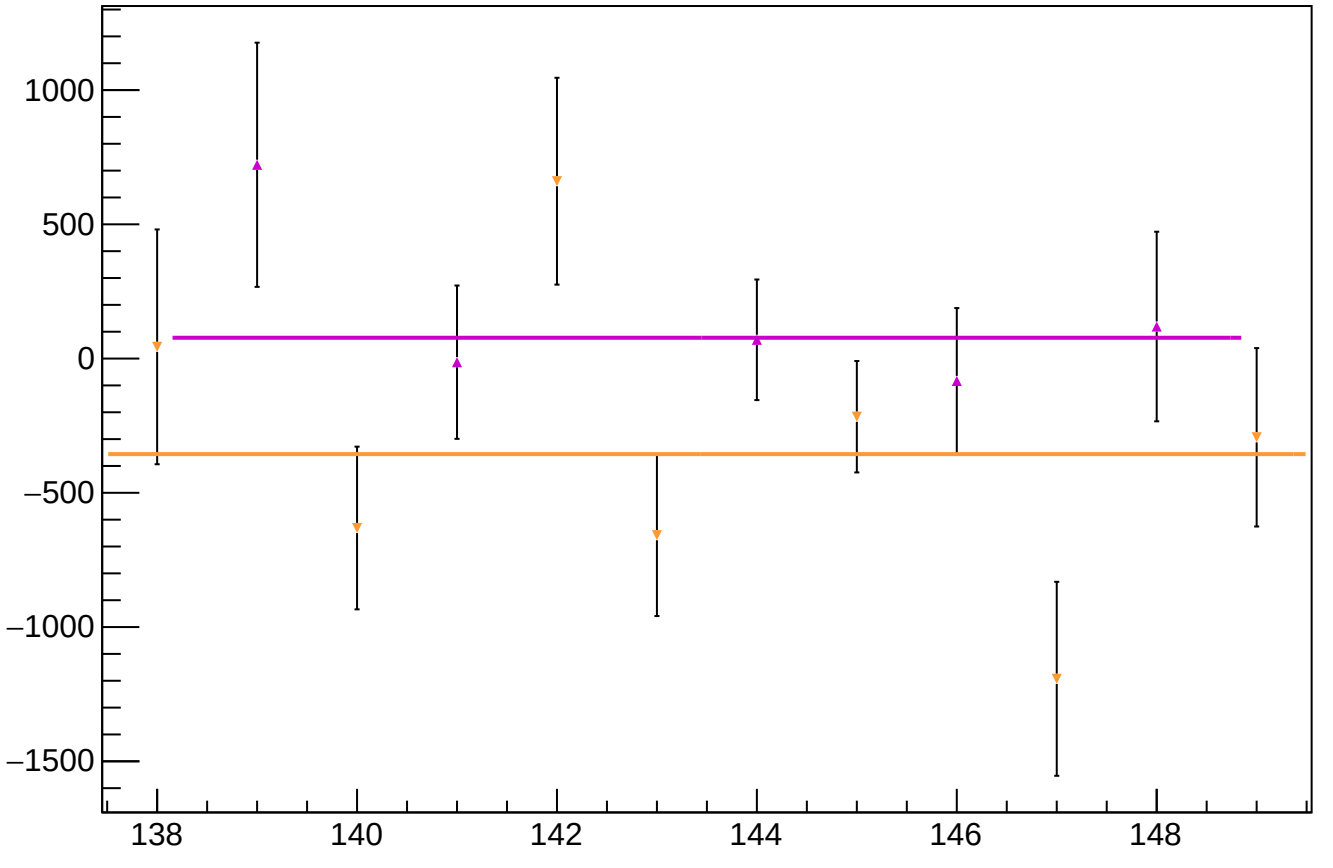
Left: 64.550+/-0.015 χ^2/NDF: 193144.8/11

Right: 78.273+/-0.016 χ^2/NDF: 3004207.0/35

In: 72.205+/-0.016 χ^2/NDF:1484222.7/21

Out: 70.211+/-0.015 χ^2/NDF:2091049.0/25

All: 71.131+/-0.011 χ^2/NDF: 3583386.3/47



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

Left Out: -355.848+/-116.382 χ^2/NDF:15.5/6

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

Left In: 77.525+/-130.725 χ^2/NDF:2.5/4

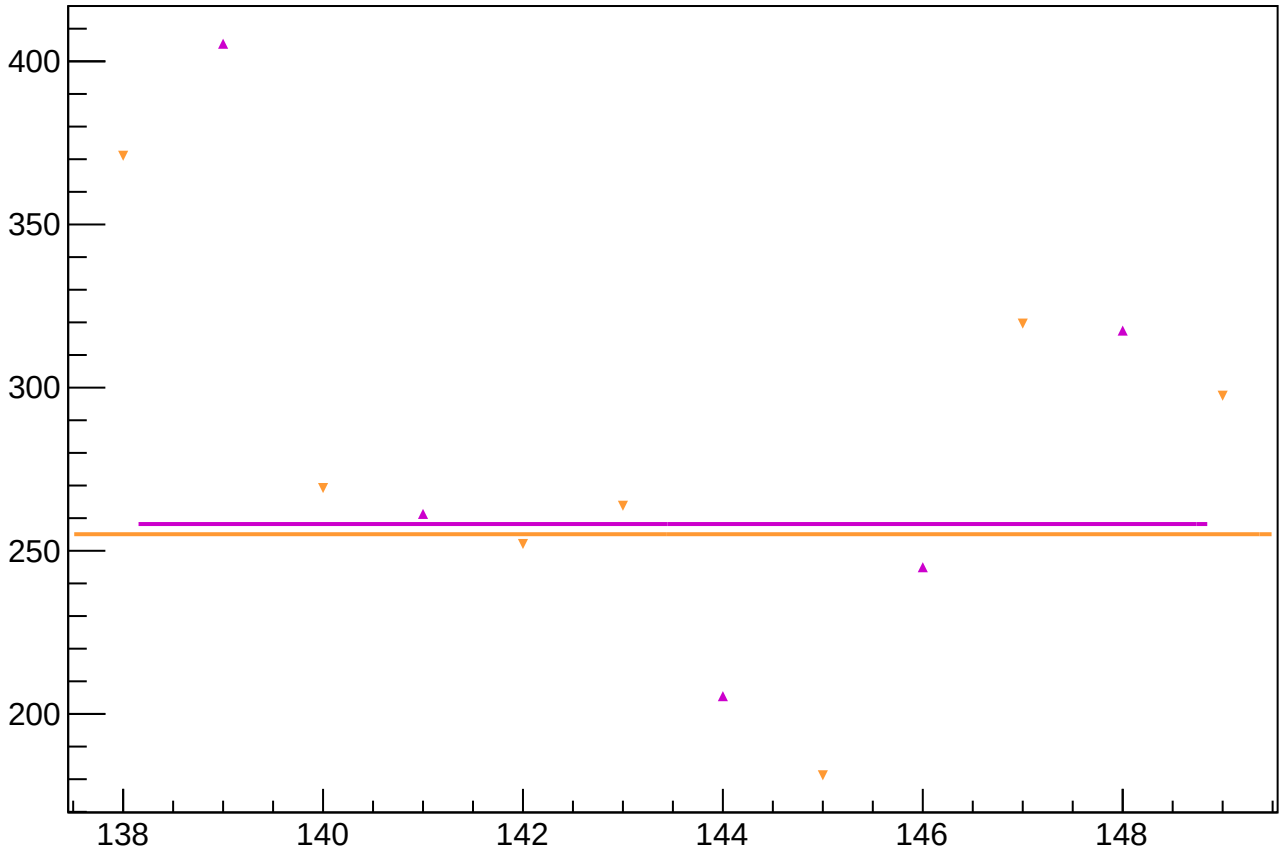
Left: -164.233+/-86.925 χ^2/NDF: 24.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 77.525+/-130.725 χ^2/NDF:2.5/4

Out: -355.848+/-116.382 χ^2/NDF:15.5/6

All: -164.233+/-86.925 χ^2/NDF: 24.1/11



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

Left Out: 255.079+/-0.082 χ^2/NDF:496830.9/6

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

Left In: 258.197+/-0.092 χ^2/NDF:381231.9/4

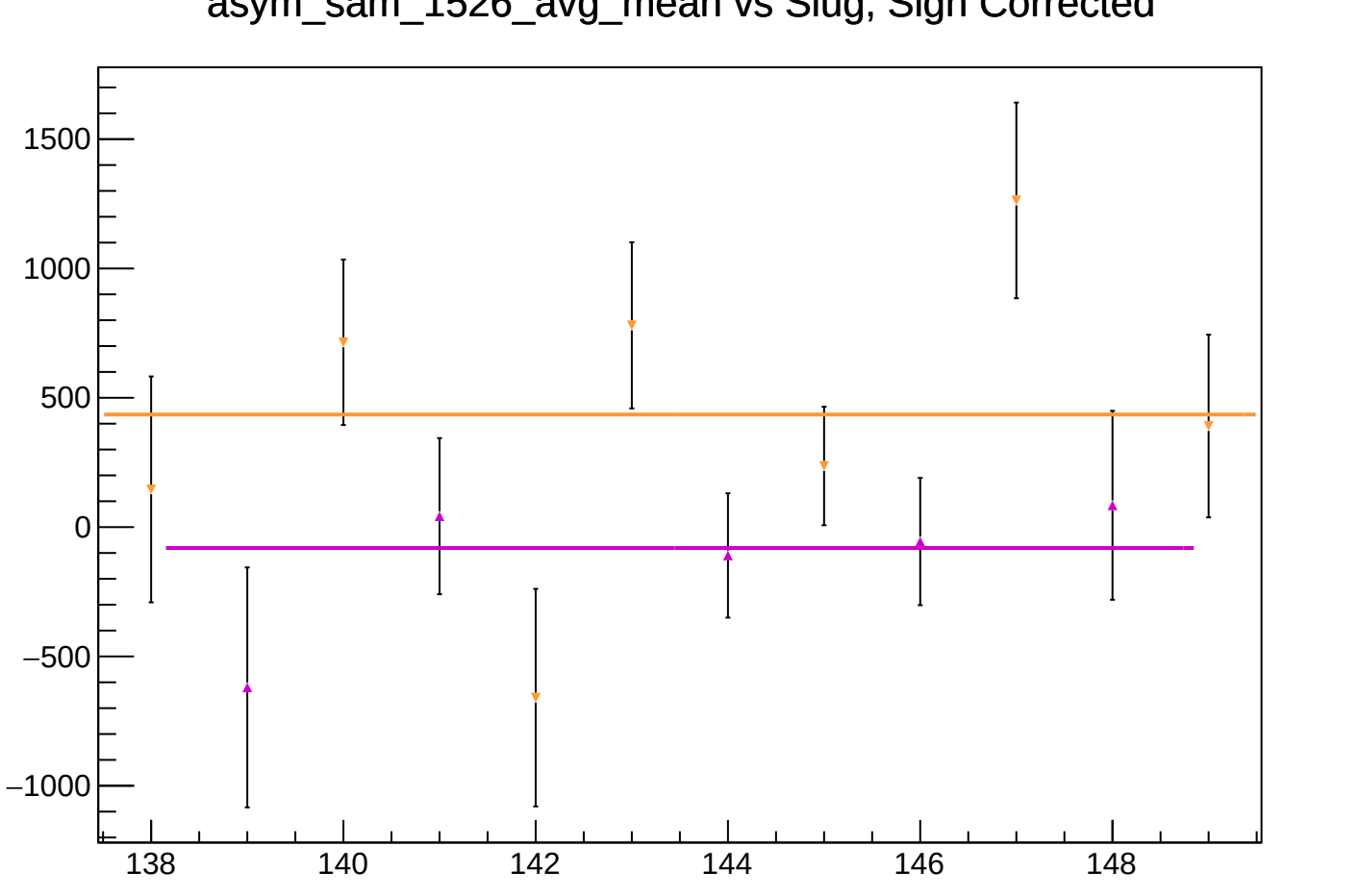
Left: 256.458+/-0.061 χ^2/NDF: 878697.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 258.197+/-0.092 χ^2/NDF:381231.9/4

Out: 255.079+/-0.082 χ^2/NDF:496830.9/6

All: 256.458+/-0.061 χ^2/NDF: 878697.5/11



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

Left Out: 435.346+/-124.586 χ^2/NDF:14.7/6

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

Left In: -80.785+/-132.518 χ^2/NDF:1.7/4

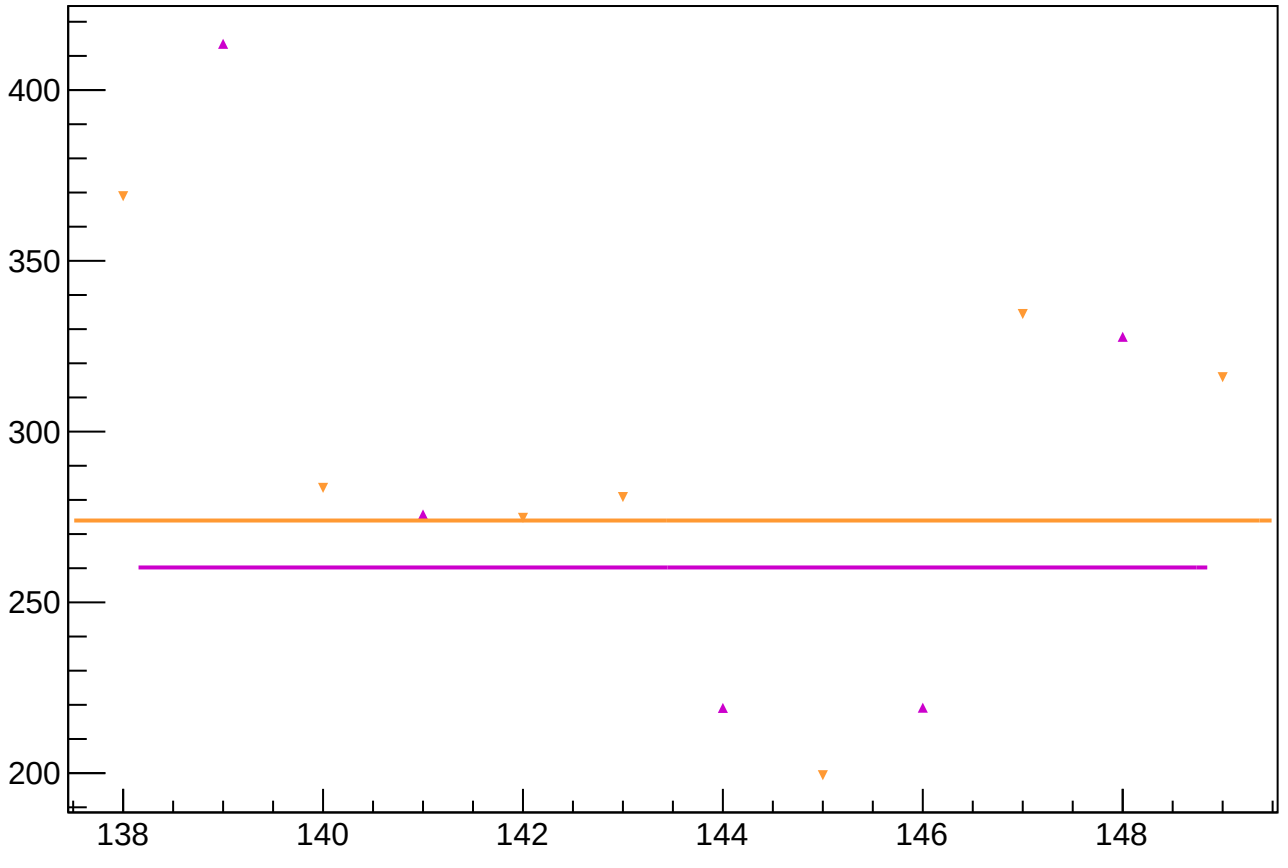
Left: 193.190+/-90.770 χ^2/NDF: 24.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -80.785+/-132.518 χ^2/NDF:1.7/4

Out: 435.346+/-124.586 χ^2/NDF:14.7/6

All: 193.190+/-90.770 χ^2/NDF: 24.5/11



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

Left Out: 273.967+/-0.088 χ^2/NDF:388561.3/6

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

Left In: 260.221+/-0.094 χ^2/NDF:406416.0/4

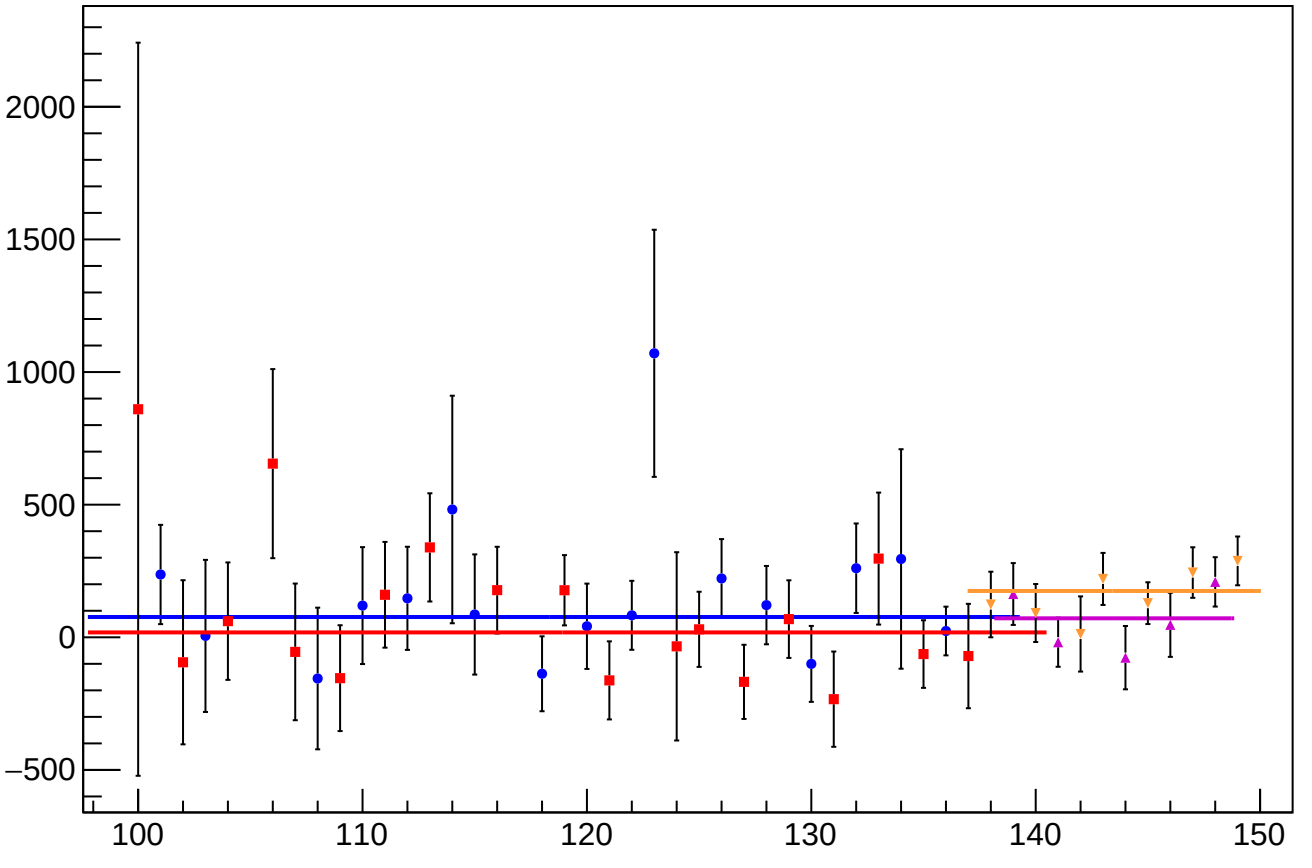
Left: 267.518+/-0.064 χ^2/NDF: 806400.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 260.221+/-0.094 χ^2/NDF:406416.0/4

Out: 273.967+/-0.088 χ^2/NDF:388561.3/6

All: 267.518+/-0.064 χ^2/NDF: 806400.5/11



Right In: 76.503+/-41.558 χ^2/NDF: 13.9/16

Left Out: 174.671+/-38.003 χ^2/NDF:4.7/6

Right Out: 18.393+/-42.277 χ^2/NDF: 17.2/18

Left In: 71.576+/-47.437 χ^2/NDF:5.3/4

Left: 134.369+/-29.659 χ^2/NDF: 12.9/11

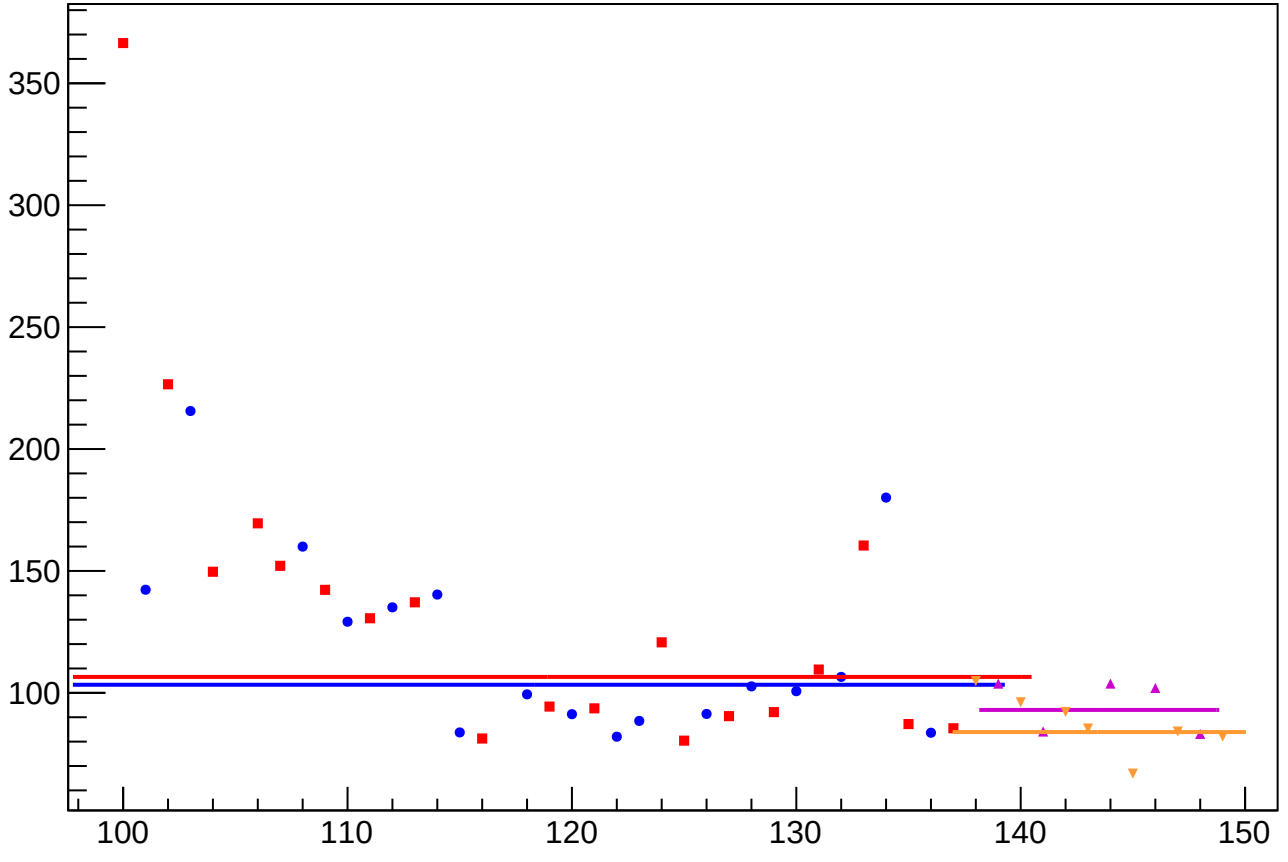
Right: 47.947+/-29.637 χ^2/NDF: 32.0/35

In: 74.363+/-31.259 χ^2/NDF:19.2/21

Out: 104.828+/-28.263 χ^2/NDF:29.4/25

All: 91.125+/-20.964 χ^2/NDF: 49.2/47

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF: 837801.7/16

Left Out: 83.924+/-0.027 χ^2/NDF:183960.0/6

Right Out: 106.532+/-0.030 χ^2/NDF: 1071553.9/18

Left In: 92.996+/-0.034 χ^2/NDF:85237.8/4

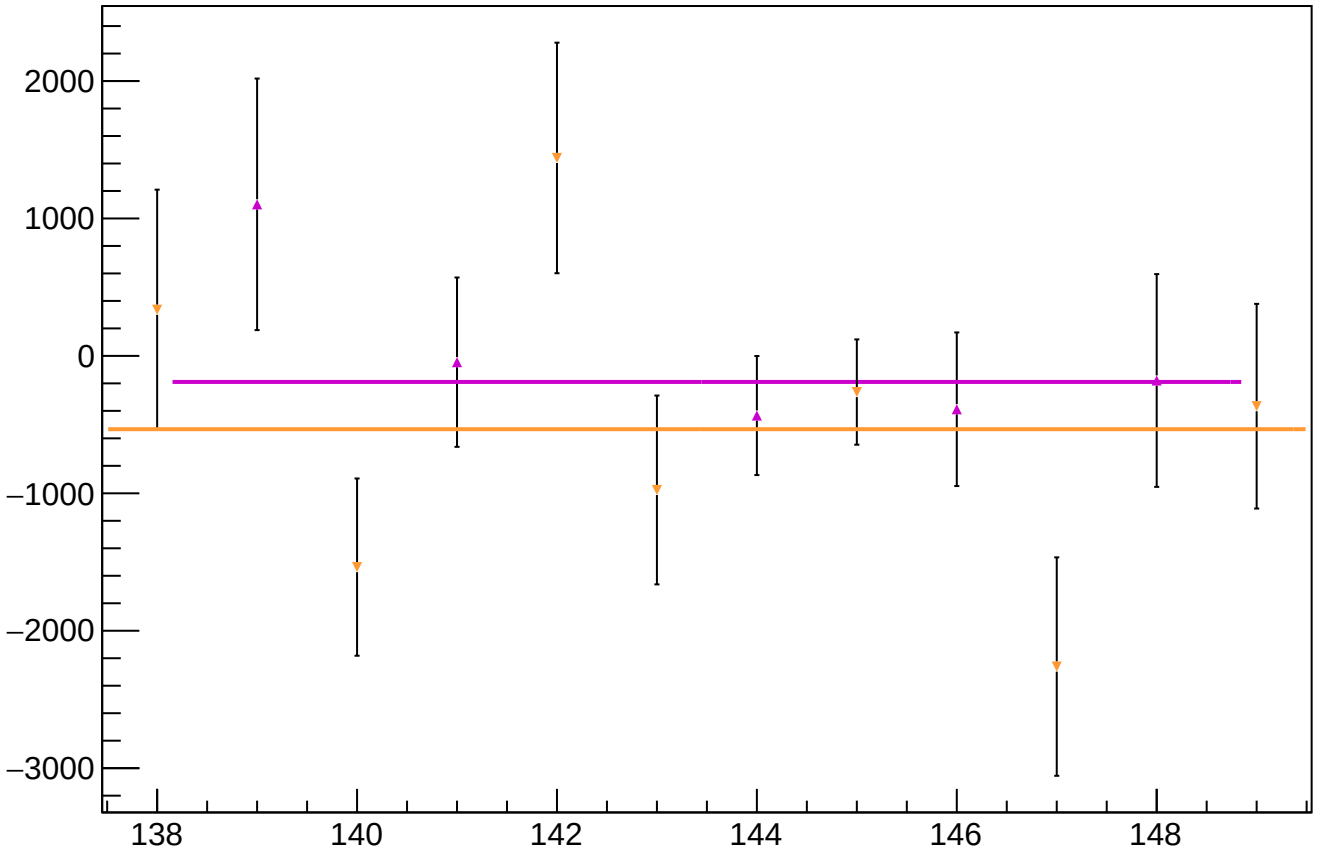
Left: 87.471+/-0.021 χ^2/NDF: 313754.9/11

Right: 104.897+/-0.021 χ^2/NDF: 1915236.3/35

In: 98.836+/-0.022 χ^2/NDF:976607.8/21

Out: 94.028+/-0.020 χ^2/NDF:1571846.1/25

All: 96.191+/-0.015 χ^2/NDF: 2574488.5/47



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

Left Out: -533.300+/-239.363 χ^2/NDF:14.6/6

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

Left In: -189.515+/-266.994 χ^2/NDF:2.5/4

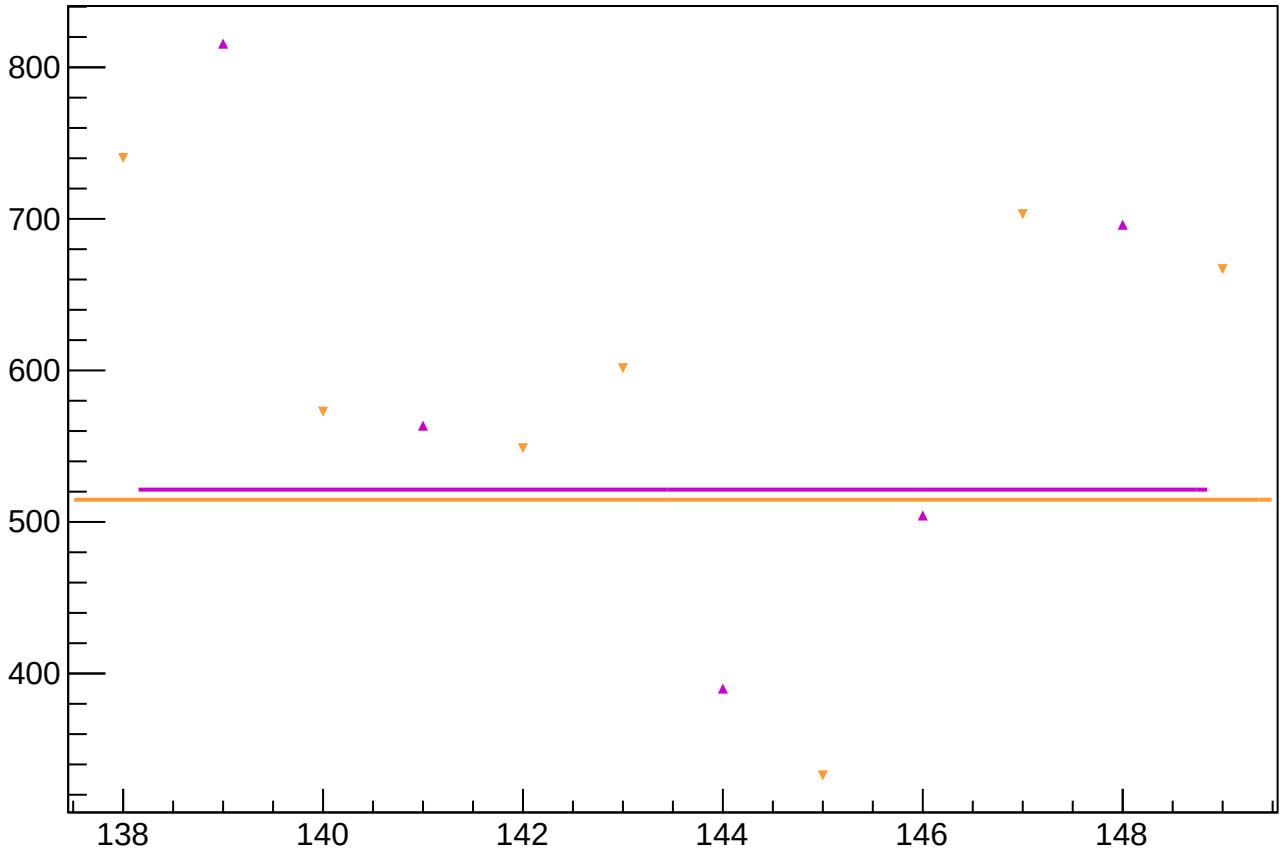
Left: -380.112+/-178.226 χ^2/NDF: 18.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -189.515+/-266.994 χ^2/NDF:2.5/4

Out: -533.300+/-239.363 χ^2/NDF:14.6/6

All: -380.112+/-178.226 χ^2/NDF: 18.0/11



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

Left Out: 514.693+/-0.169 χ^2/NDF:831339.5/6

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

Left In: 521.347+/-0.189 χ^2/NDF:503768.1/4

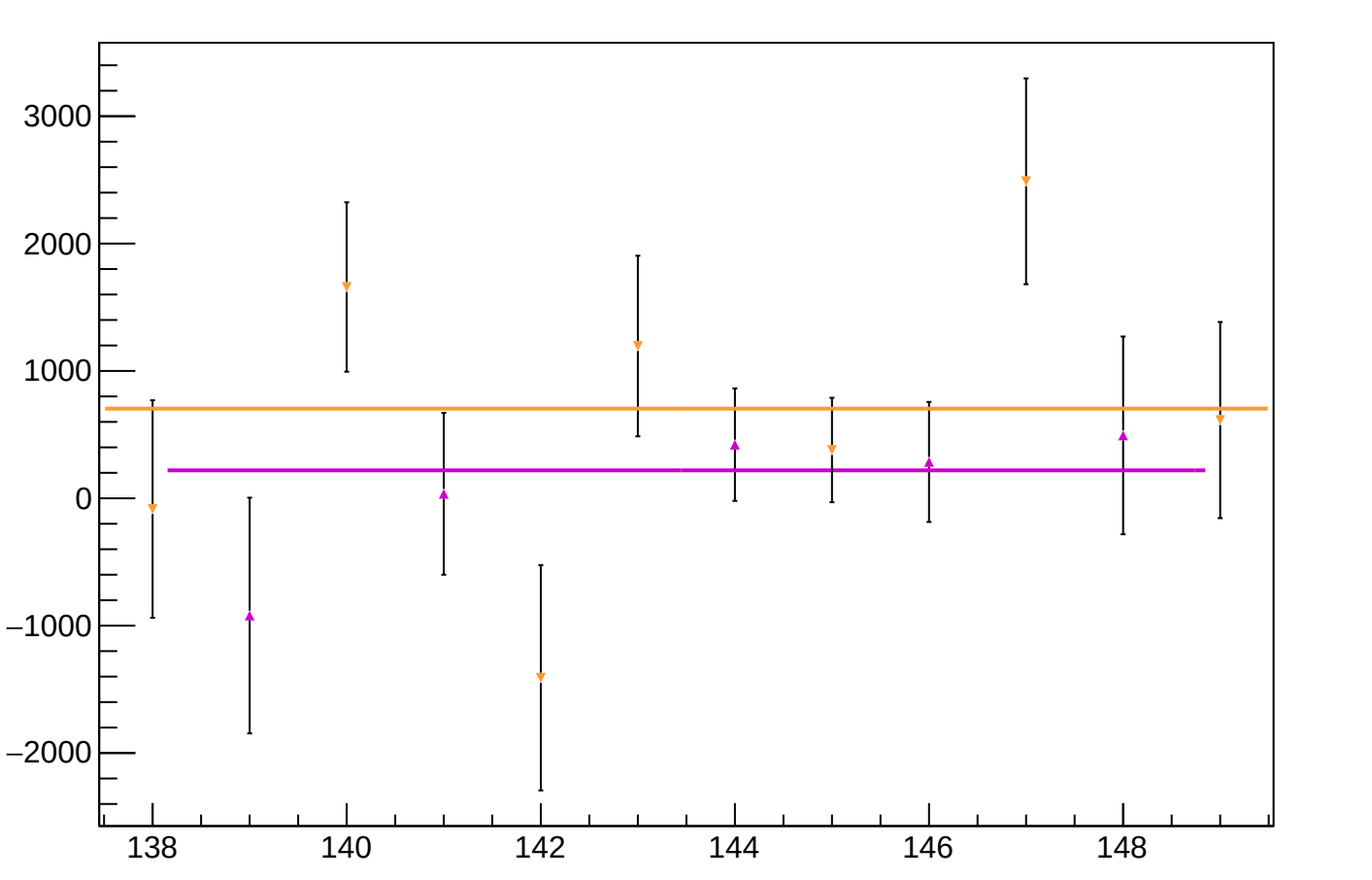
Left: 517.658+/-0.126 χ^2/NDF: 1335796.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 521.347+/-0.189 χ^2/NDF:503768.1/4

Out: 514.693+/-0.169 χ^2/NDF:831339.5/6

All: 517.658+/-0.126 χ^2/NDF: 1335796.3/11



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

Left Out: 704.274+/-249.502 χ^2/NDF:14.6/6

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

Left In: 219.387+/-258.743 χ^2/NDF:2.0/4

Left: 470.644+/-179.603 χ^2/NDF: 18.4/11

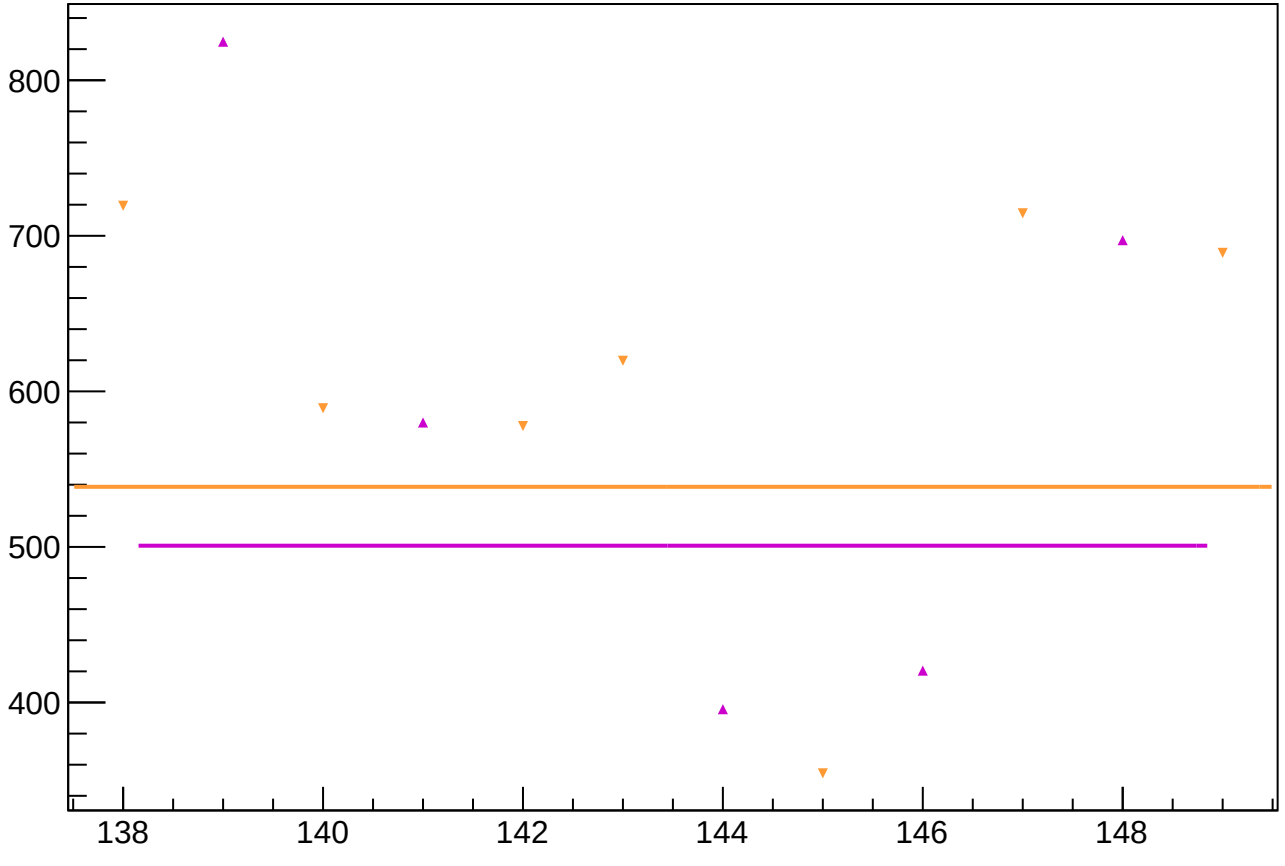
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 219.387+/-258.743 χ^2/NDF:2.0/4

Out: 704.274+/-249.502 χ^2/NDF:14.6/6

All: 470.644+/-179.603 χ^2/NDF: 18.4/11

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 538.650+/-0.176 χ^2/NDF:705630.3/6

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

Left In: 500.790+/-0.183 χ^2/NDF:575700.4/4

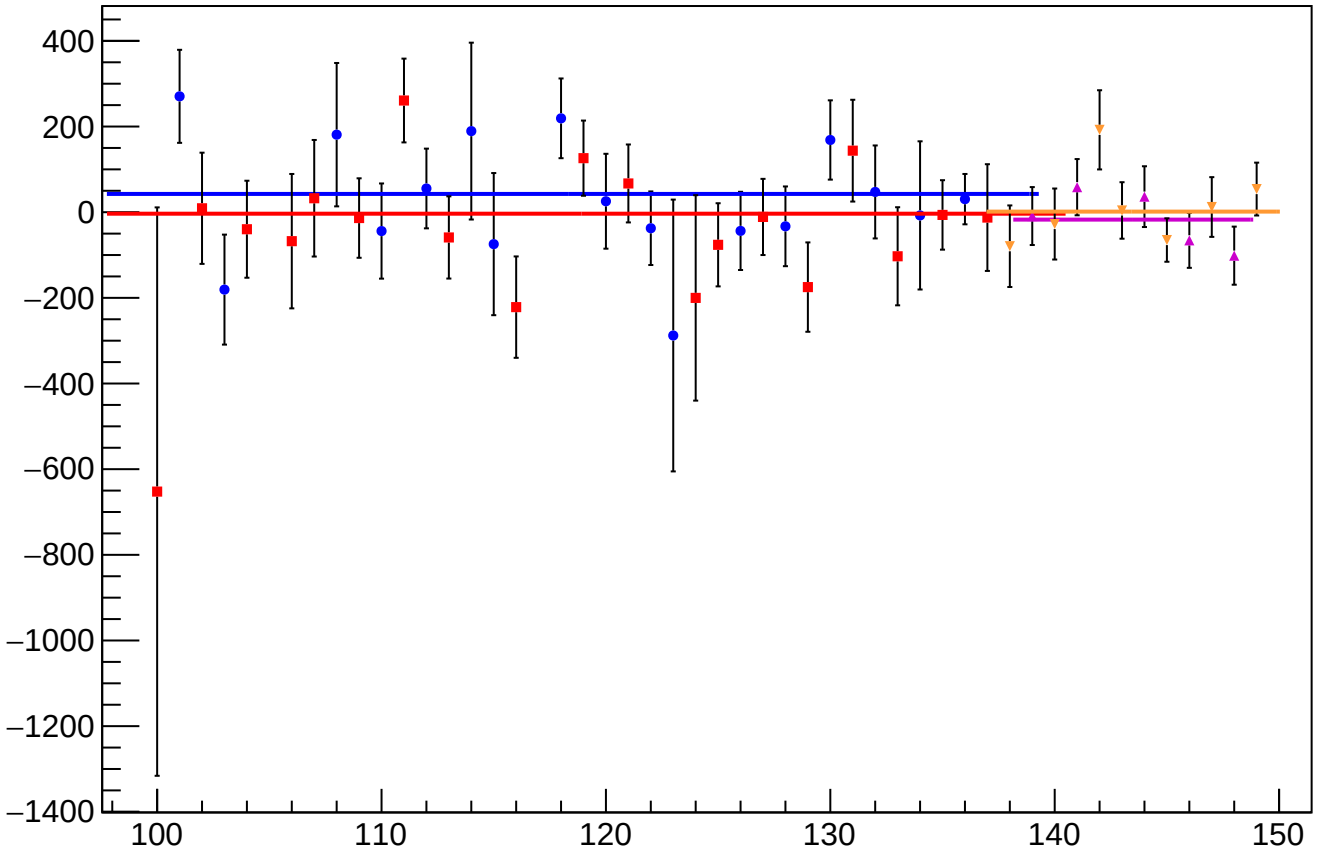
Left: 520.408+/-0.127 χ^2/NDF: 1303520.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 500.790+/-0.183 χ^2/NDF:575700.4/4

Out: 538.650+/-0.176 χ^2/NDF:705630.3/6

All: 520.408+/-0.127 χ^2/NDF: 1303520.0/11



Right In: 42.654+/-25.486 χ^2/NDF: 18.9/16

Left Out: 1.378+/-26.169 χ^2/NDF:7.6/6

Right Out: -3.503+/-25.070 χ^2/NDF: 21.4/18

Left In: -17.322+/-30.022 χ^2/NDF:4.0/4

Left: -6.696+/-19.727 χ^2/NDF: 11.8/11

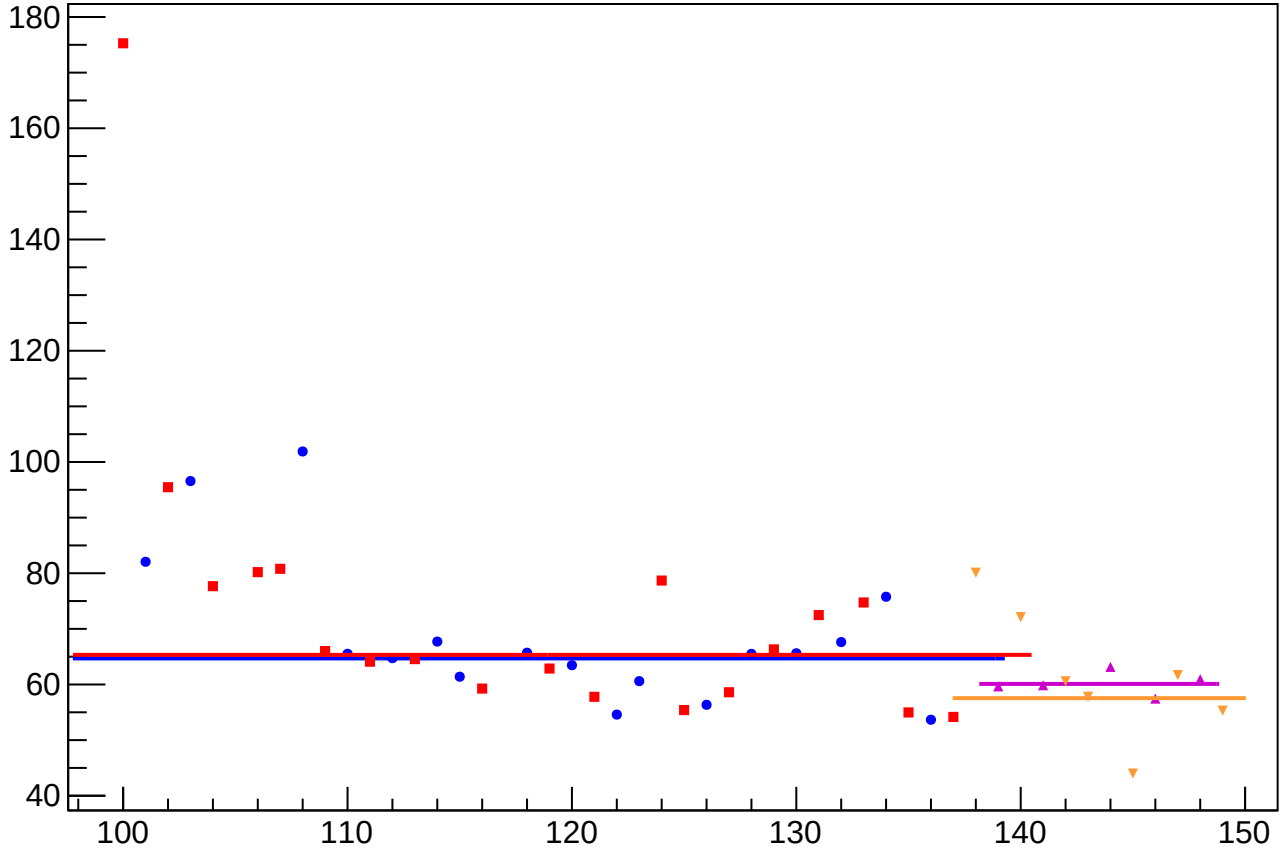
Right: 19.196+/-17.872 χ^2/NDF: 41.9/35

In: 17.535+/-19.429 χ^2/NDF:25.2/21

Out: -1.167+/-18.103 χ^2/NDF:29.0/25

All: 7.524+/-13.245 χ^2/NDF: 54.7/47

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685+/-0.018 χ^2/NDF: 400187.1/16

Left Out: 57.544+/-0.019 χ^2/NDF:329048.9/6

Right Out: 65.324+/-0.018 χ^2/NDF: 359570.8/18

Left In: 60.104+/-0.021 χ^2/NDF:7535.0/4

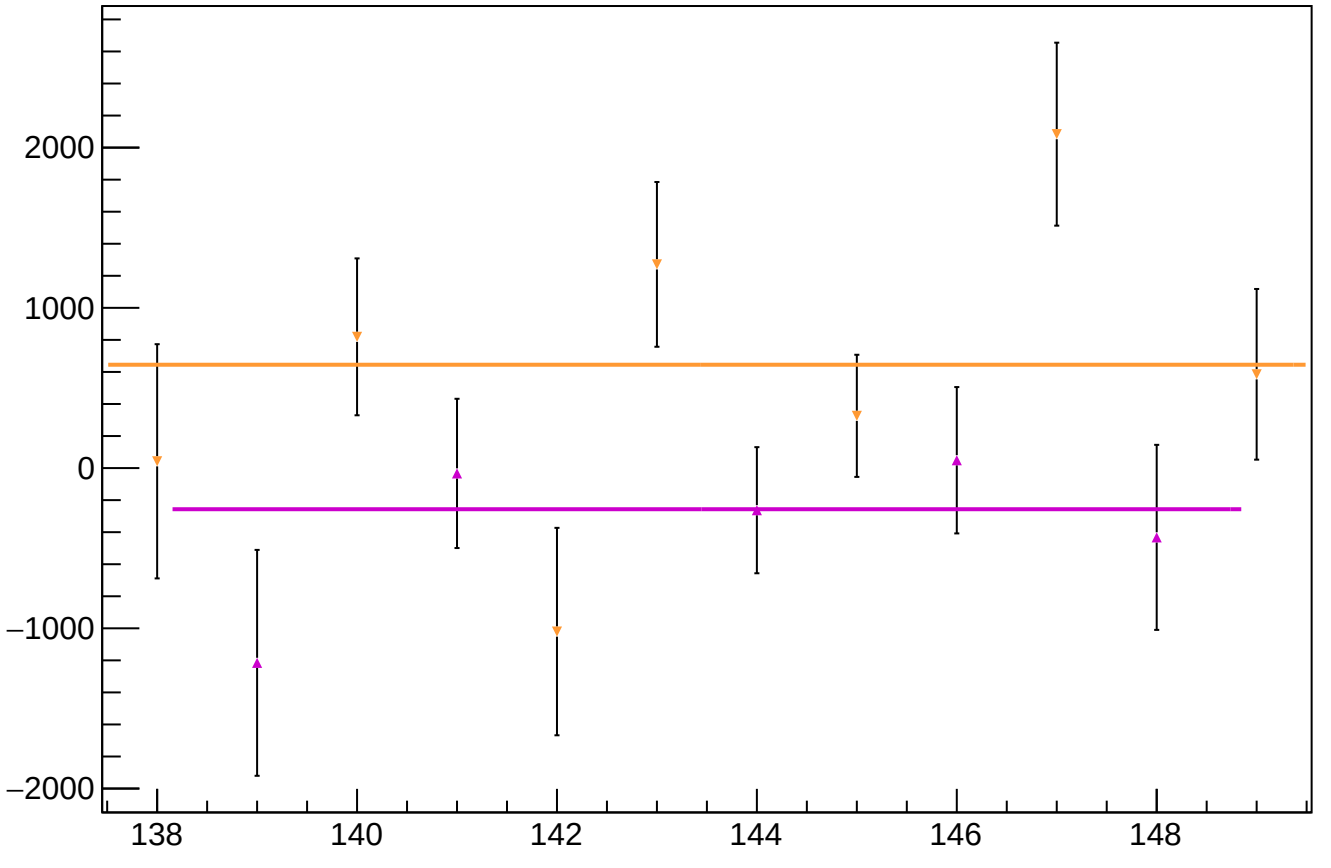
Left: 58.650+/-0.014 χ^2/NDF: 344850.0/11

Right: 65.010+/-0.013 χ^2/NDF: 760396.9/35

In: 62.767+/-0.014 χ^2/NDF:434786.2/21

Out: 61.601+/-0.013 χ^2/NDF:780803.7/25

All: 62.143+/-0.009 χ^2/NDF: 1219443.9/47



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

Left Out: 644.961+/-197.293 χ^2/NDF:16.0/6

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

Left In: -256.744+/-218.874 χ^2/NDF:2.6/4

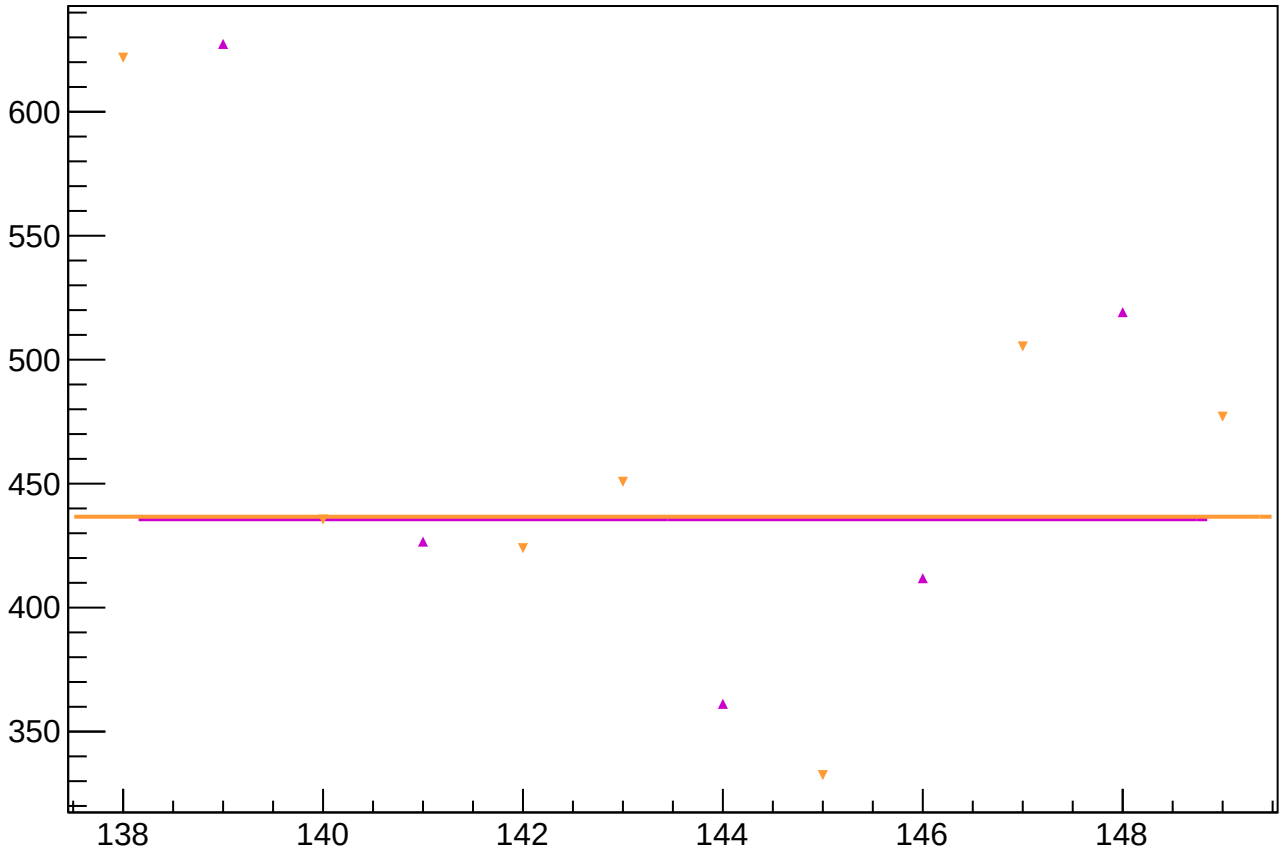
Left: 240.741+/-146.545 χ^2/NDF: 28.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -256.744+/-218.874 χ^2/NDF:2.6/4

Out: 644.961+/-197.293 χ^2/NDF:16.0/6

All: 240.741+/-146.545 χ^2/NDF: 28.0/11



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

Left Out: 436.662+/-0.140 χ^2/NDF:320596.1/6

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

Left In: 435.655+/-0.155 χ^2/NDF:267560.3/4

Left: 436.211+/-0.104 χ^2/NDF: 588179.7/11

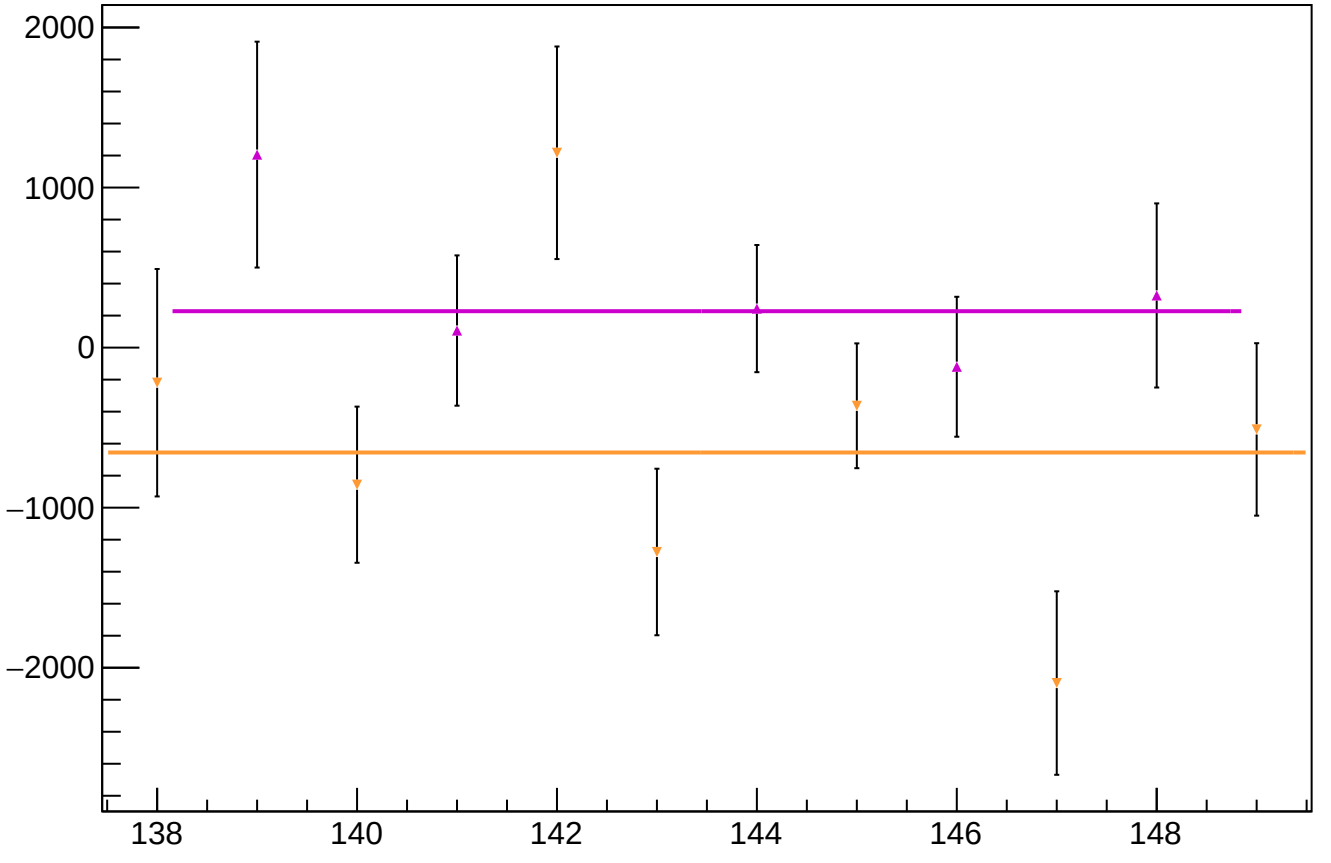
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 435.655+/-0.155 χ^2/NDF:267560.3/4

Out: 436.662+/-0.140 χ^2/NDF:320596.1/6

All: 436.211+/-0.104 χ^2/NDF: 588179.7/11

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -655.302+/-199.155 χ^2/NDF:16.9/6

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

Left In: 227.504+/-217.514 χ^2/NDF:2.6/4

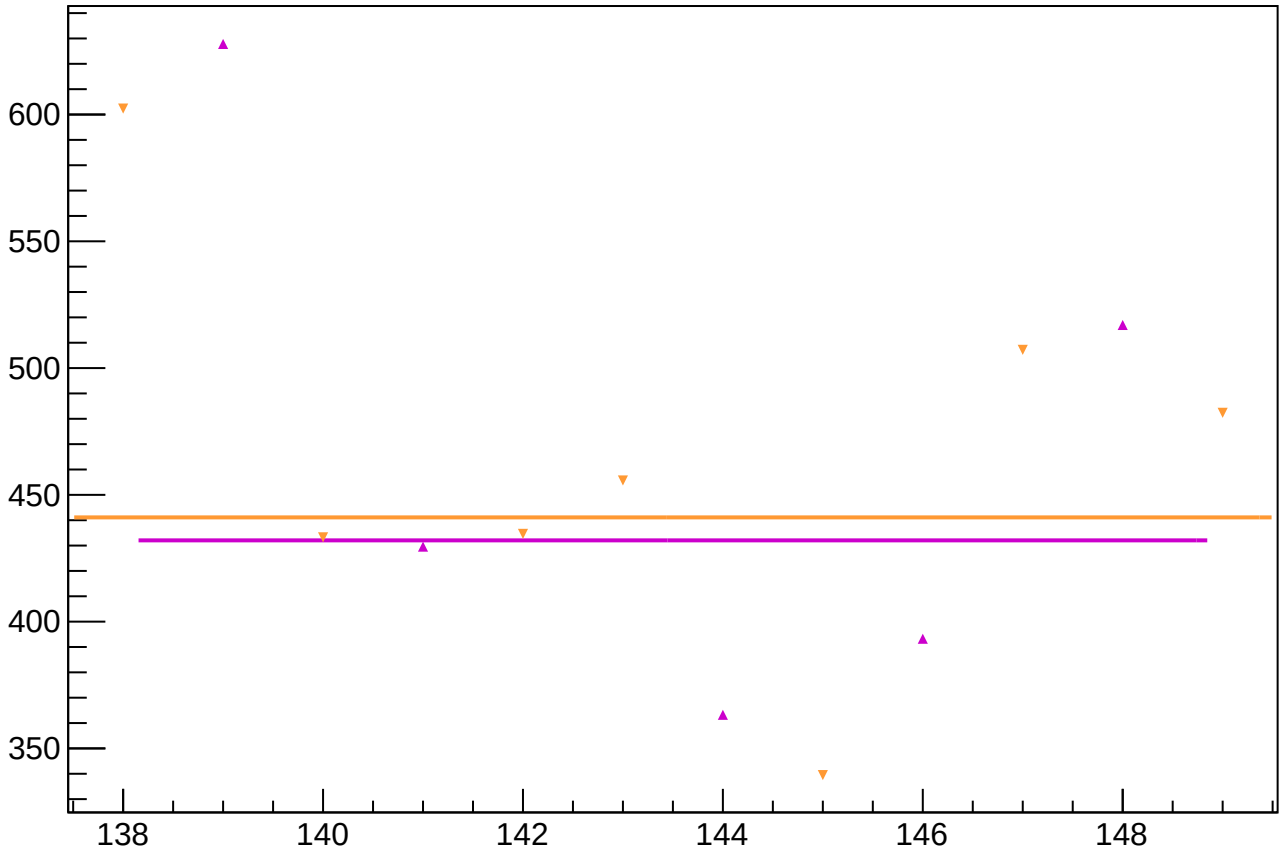
Left: -252.721+/-146.886 χ^2/NDF: 28.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 227.504+/-217.514 χ^2/NDF:2.6/4

Out: -655.302+/-199.155 χ^2/NDF:16.9/6

All: -252.721+/-146.886 χ^2/NDF: 28.5/11



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

Left Out: 441.113+/-0.141 χ^2/NDF:279455.4/6

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

Left In: 432.052+/-0.154 χ^2/NDF:273376.2/4

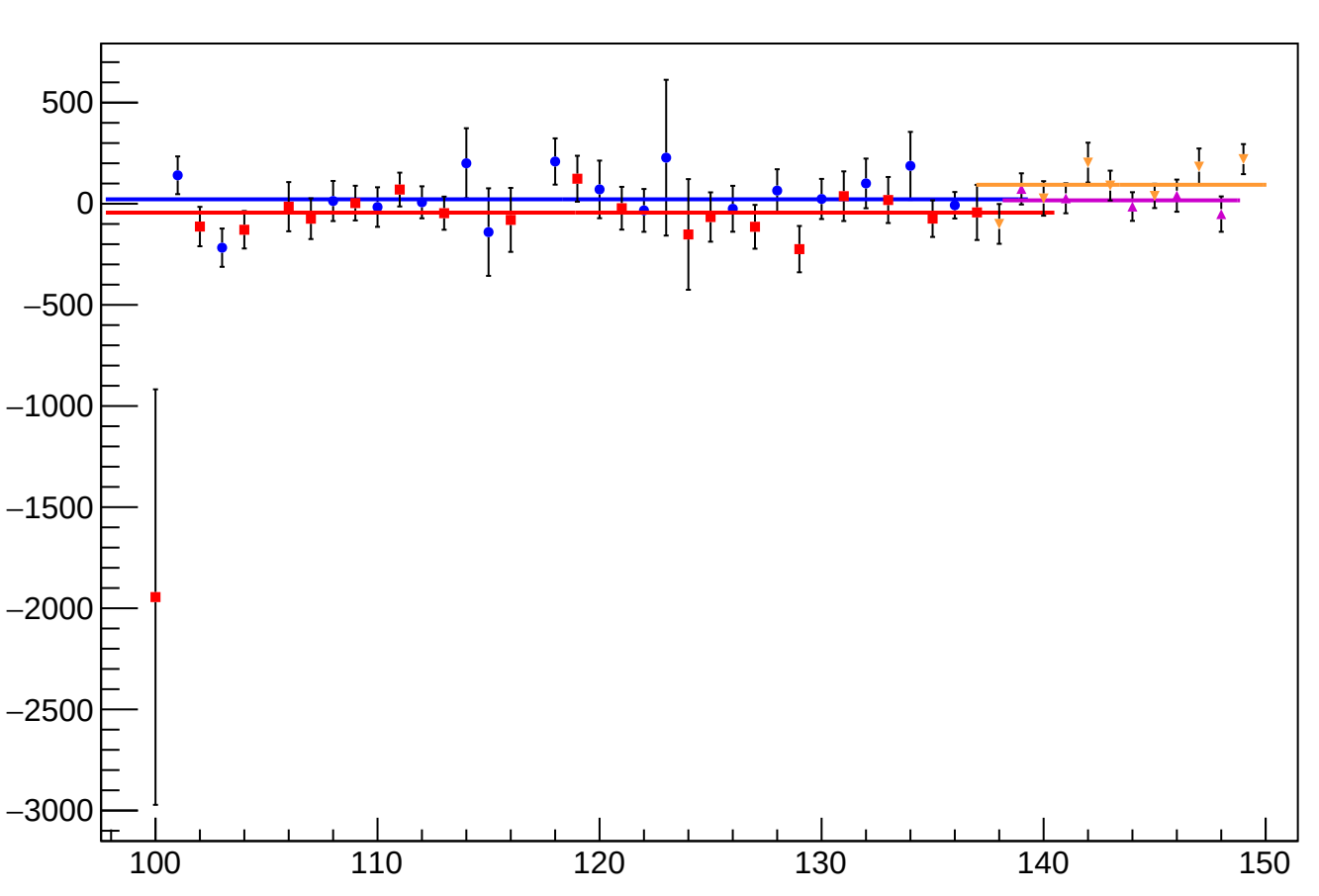
Left: 436.981+/-0.104 χ^2/NDF: 554719.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 432.052+/-0.154 χ^2/NDF:273376.2/4

Out: 441.113+/-0.141 χ^2/NDF:279455.4/6

All: 436.981+/-0.104 χ^2/NDF: 554719.6/11



Right In: 21.908+/-26.055 χ^2/NDF: 15.1/16

Left Out: 93.777+/-30.021 χ^2/NDF:10.5/6

Right Out: -43.953+/-25.108 χ^2/NDF: 13.3/18

Left In: 16.829+/-34.520 χ^2/NDF:1.4/4

Left: 60.641+/-22.653 χ^2/NDF: 14.7/11

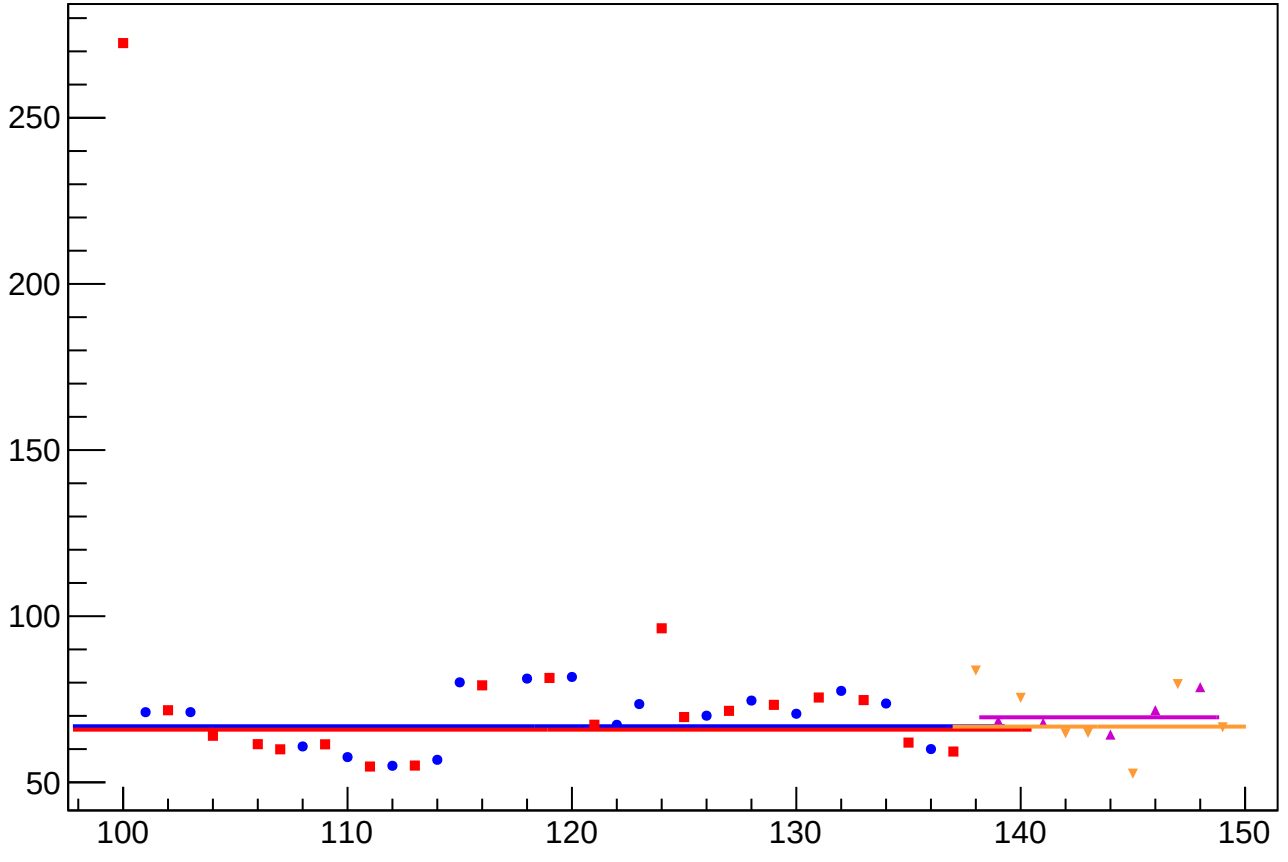
Right: -12.241+/-18.080 χ^2/NDF: 31.7/35

In: 20.064+/-20.796 χ^2/NDF:16.5/21

Out: 12.735+/-19.260 χ^2/NDF:36.1/25

All: 16.119+/-14.131 χ^2/NDF: 52.7/47

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872+/-0.018 χ^2/NDF: 202515.6/16

Left Out: 66.767+/-0.021 χ^2/NDF:233258.0/6

Right Out: 65.854+/-0.018 χ^2/NDF: 299873.8/18

Left In: 69.568+/-0.024 χ^2/NDF:35233.4/4

Left: 67.973+/-0.016 χ^2/NDF: 275987.0/11

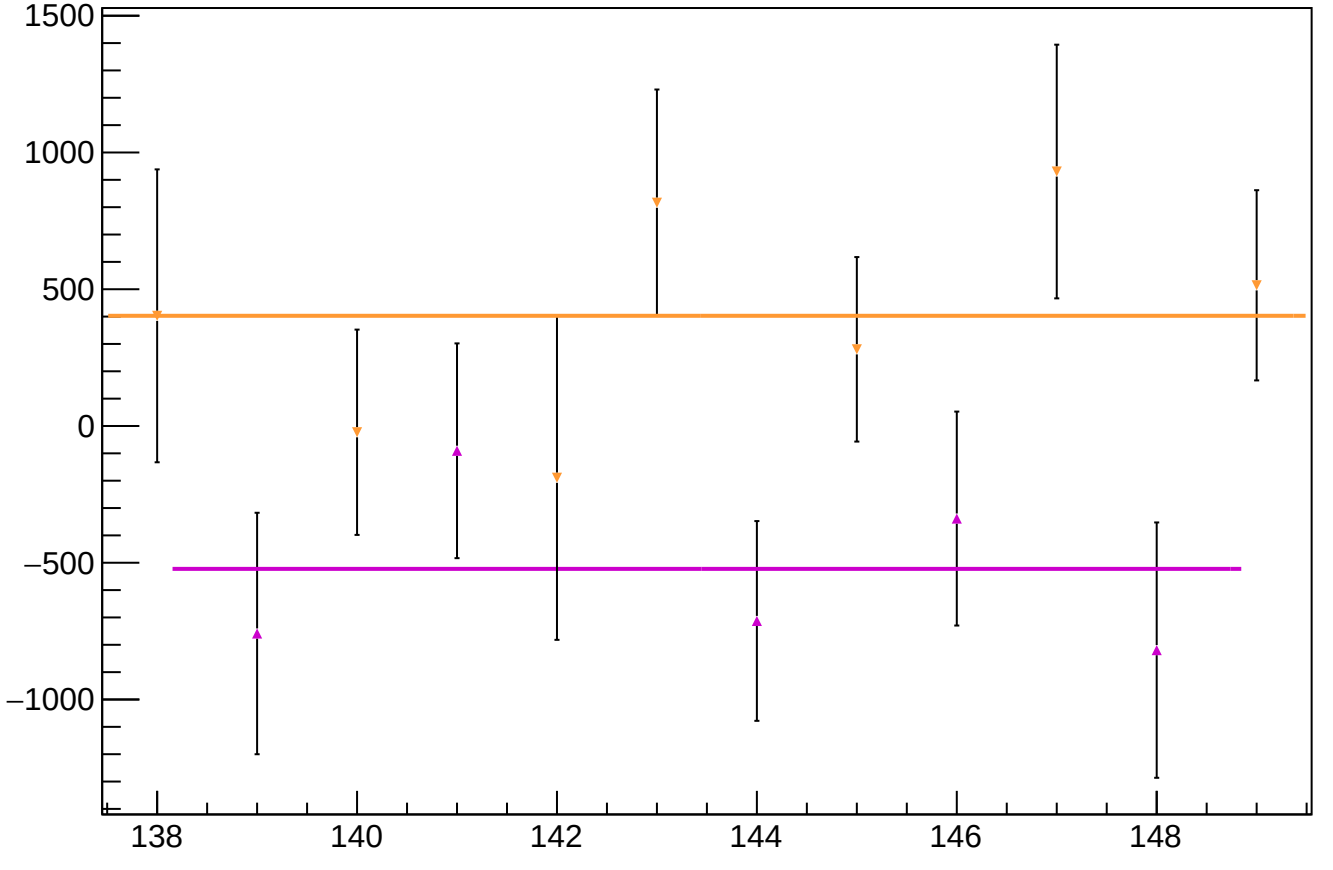
Right: 66.344+/-0.013 χ^2/NDF: 503972.2/35

In: 67.850+/-0.015 χ^2/NDF:245520.0/21

Out: 66.230+/-0.014 χ^2/NDF:534220.5/25

All: 66.978+/-0.010 χ^2/NDF: 786277.7/47

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: 402.915+/-156.216 χ^2/NDF:4.8/6

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

Left In: -522.412+/-181.834 χ^2/NDF:2.4/4

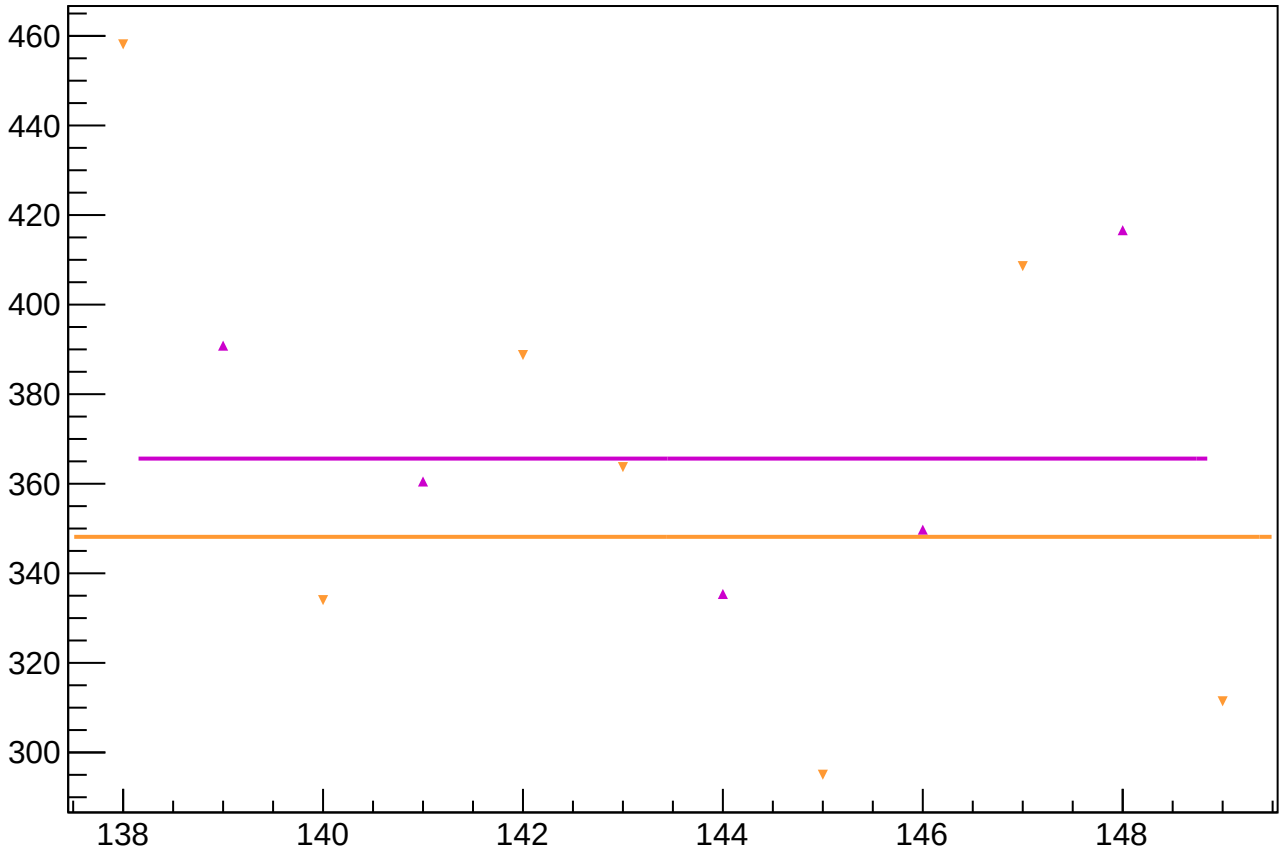
Left: 9.974+/-118.493 χ^2/NDF: 22.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -522.412+/-181.834 χ^2/NDF:2.4/4

Out: 402.915+/-156.216 χ^2/NDF:4.8/6

All: 9.974+/-118.493 χ^2/NDF: 22.1/11



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

Left Out: 348.145+/-0.110 χ^2/NDF:205273.4/6

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

Left In: 365.617+/-0.129 χ^2/NDF:47739.3/4

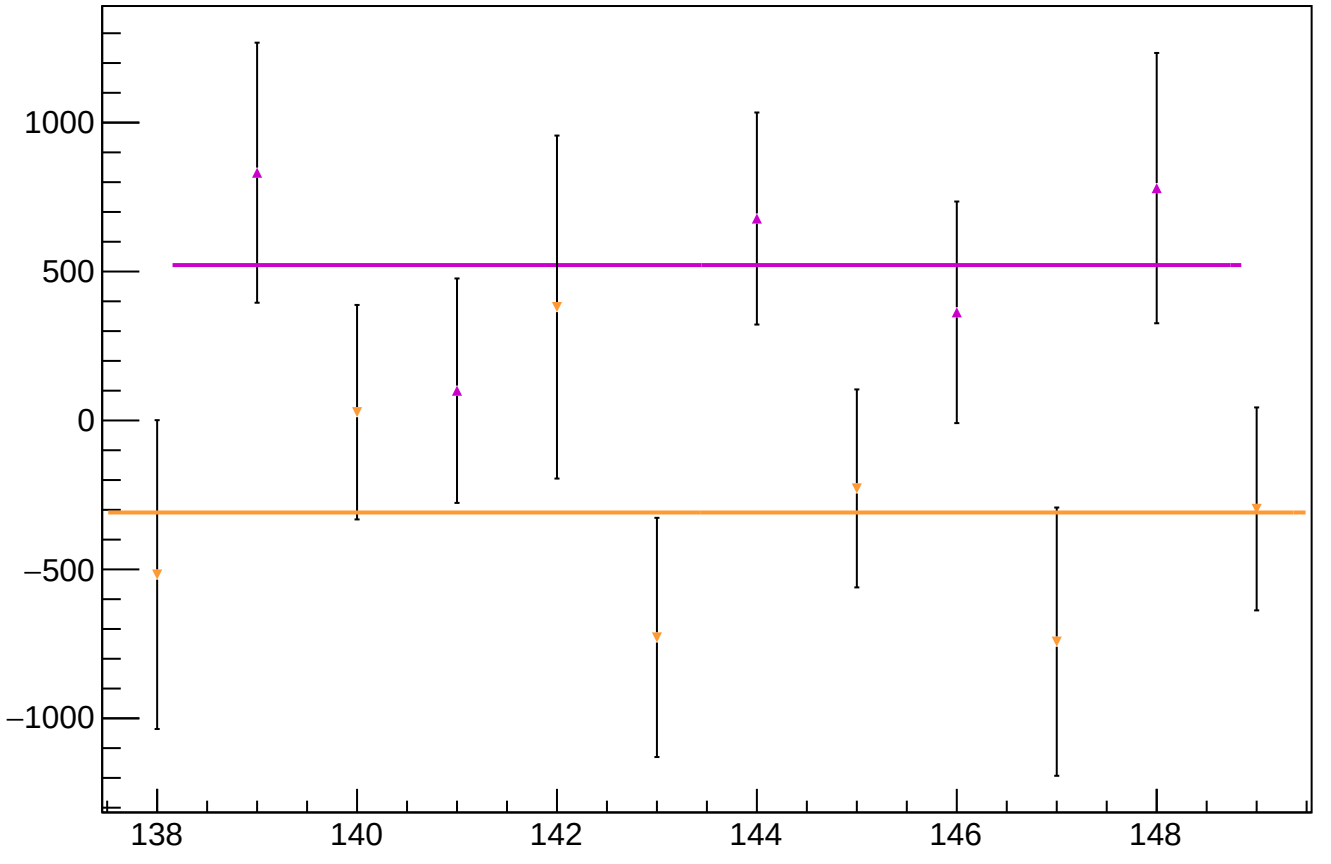
Left: 355.565+/-0.084 χ^2/NDF: 263635.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 365.617+/-0.129 χ^2/NDF:47739.3/4

Out: 348.145+/-0.110 χ^2/NDF:205273.4/6

All: 355.565+/-0.084 χ^2/NDF: 263635.8/11



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

Left Out: -308.970+/-152.050 χ^2/NDF:4.5/6

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

Left In: 521.649+/-176.033 χ^2/NDF:2.5/4

Left: 45.945+/-115.068 χ^2/NDF: 19.8/11

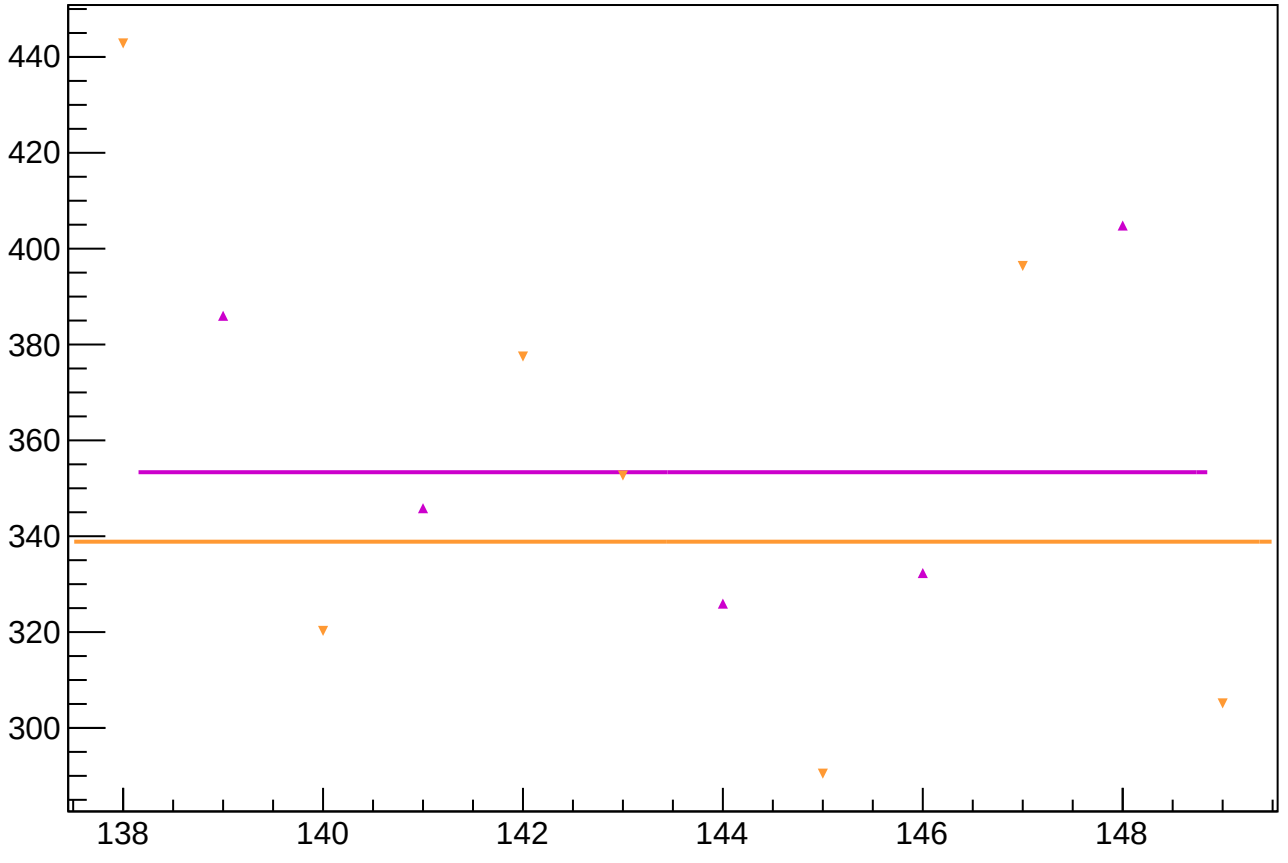
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 521.649+/-176.033 χ^2/NDF:2.5/4

Out: -308.970+/-152.050 χ^2/NDF:4.5/6

All: 45.945+/-115.068 χ^2/NDF: 19.8/11

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 338.862+/-0.108 χ^2/NDF:191820.8/6

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

Left In: 353.356+/-0.124 χ^2/NDF:55980.5/4

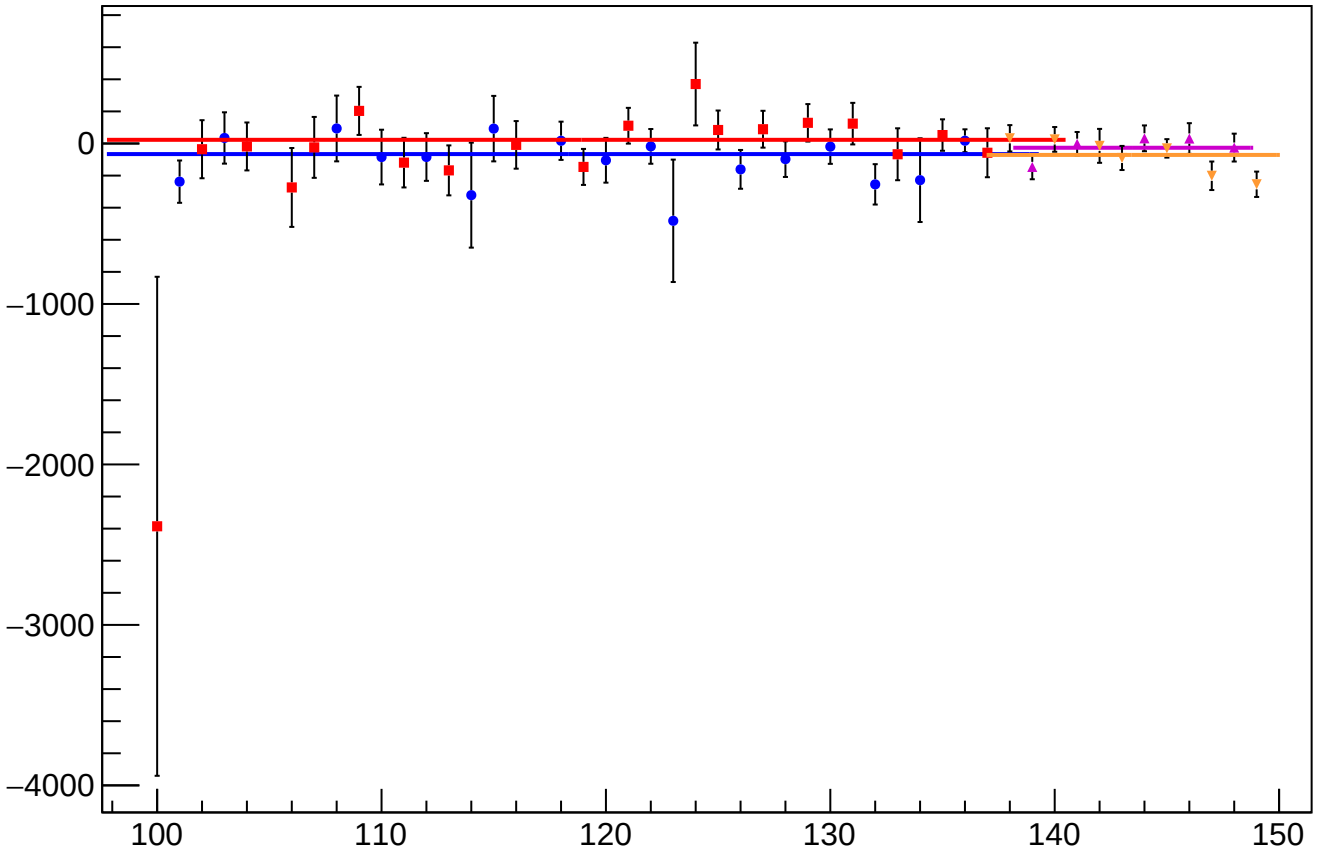
Left: 345.055+/-0.081 χ^2/NDF: 255566.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.356+/-0.124 χ^2/NDF:55980.5/4

Out: 338.862+/-0.108 χ^2/NDF:191820.8/6

All: 345.055+/-0.081 χ^2/NDF: 255566.7/11



Right In: -65.974+/-32.289 χ^2/NDF: 10.8/16

Left Out: -71.215+/-29.194 χ^2/NDF:11.5/6

Right Out: 22.908+/-32.782 χ^2/NDF: 15.3/18

Left In: -26.552+/-36.494 χ^2/NDF:3.4/4

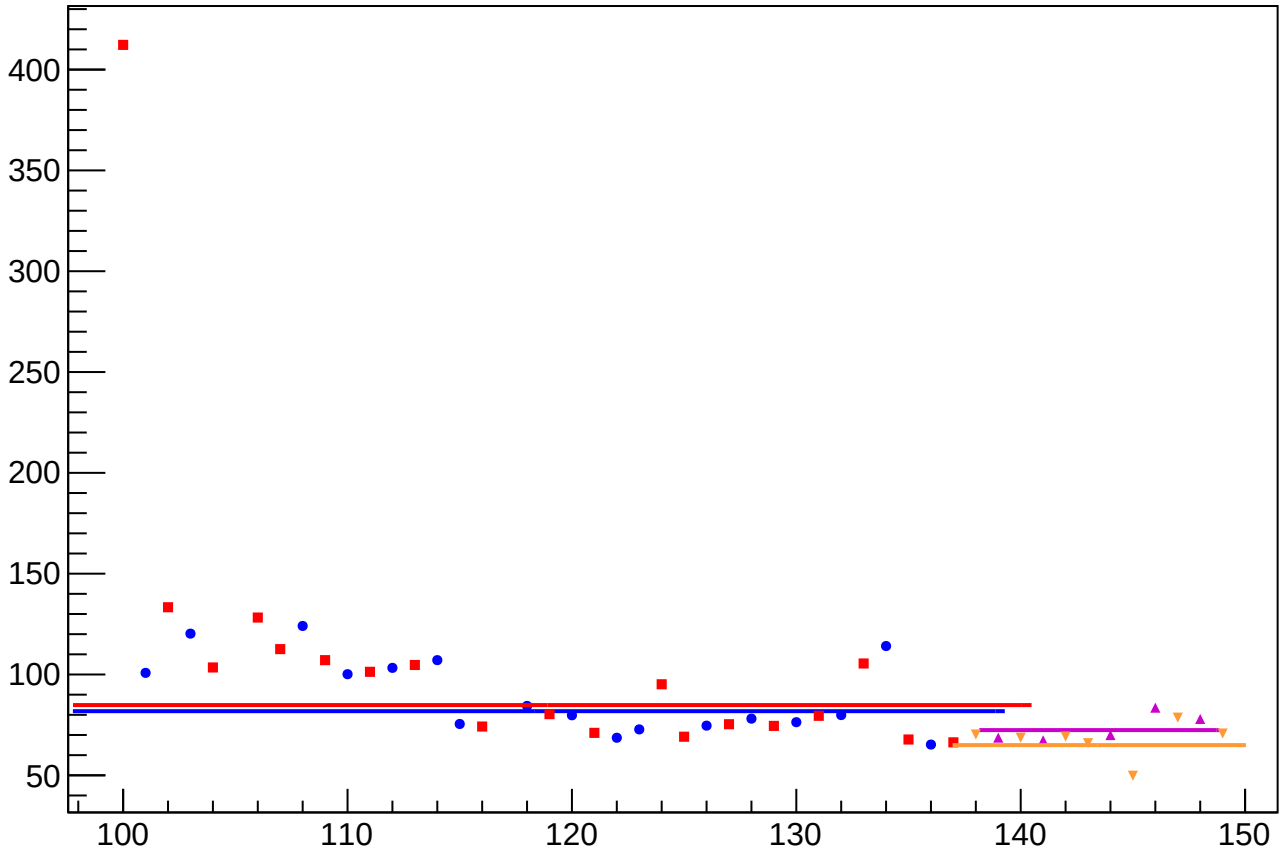
Left: -53.786+/-22.797 χ^2/NDF: 15.9/11

Right: -22.207+/-23.004 χ^2/NDF: 29.8/35

In: -48.665+/-24.183 χ^2/NDF:14.8/21

Out: -29.584+/-21.802 χ^2/NDF:31.5/25

All: -38.139+/-16.193 χ^2/NDF: 46.7/47



Right In: 81.809+/-0.023 χ^2/NDF: 507195.8/16

Left Out: 64.978+/-0.021 χ^2/NDF:213495.1/6

Right Out: 84.836+/-0.023 χ^2/NDF: 704648.9/18

Left In: 72.423+/-0.026 χ^2/NDF:51270.6/4

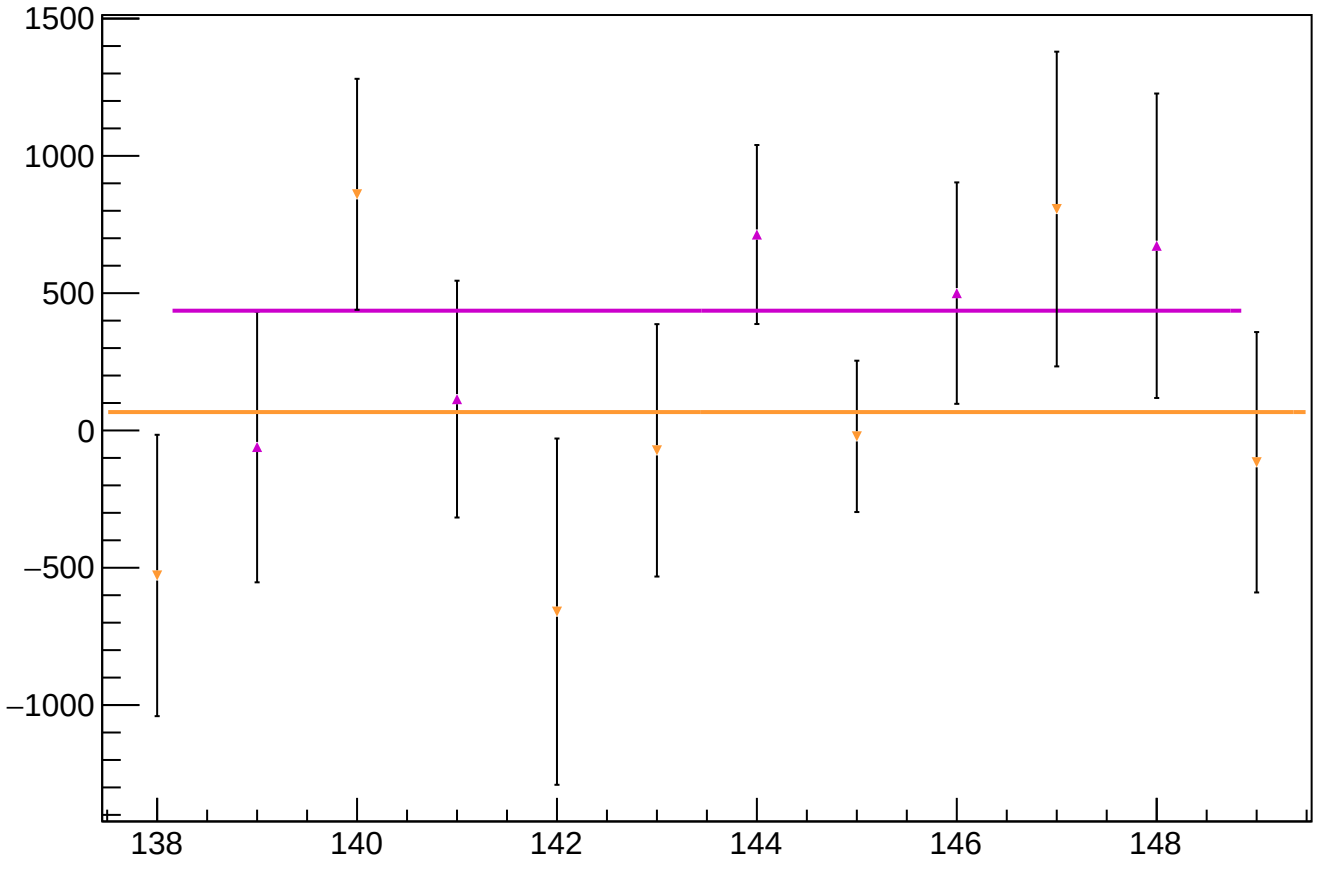
Left: 67.883+/-0.016 χ^2/NDF: 315528.4/11

Right: 83.300+/-0.016 χ^2/NDF: 1220504.3/35

In: 77.688+/-0.017 χ^2/NDF:632658.9/21

Out: 73.761+/-0.015 χ^2/NDF:1327447.3/25

All: 75.522+/-0.011 χ^2/NDF: 1989191.6/47



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

Left Out: 66.968+/-163.583 χ^2/NDF:8.2/6

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

Left In: 436.152+/-187.947 χ^2/NDF:2.5/4

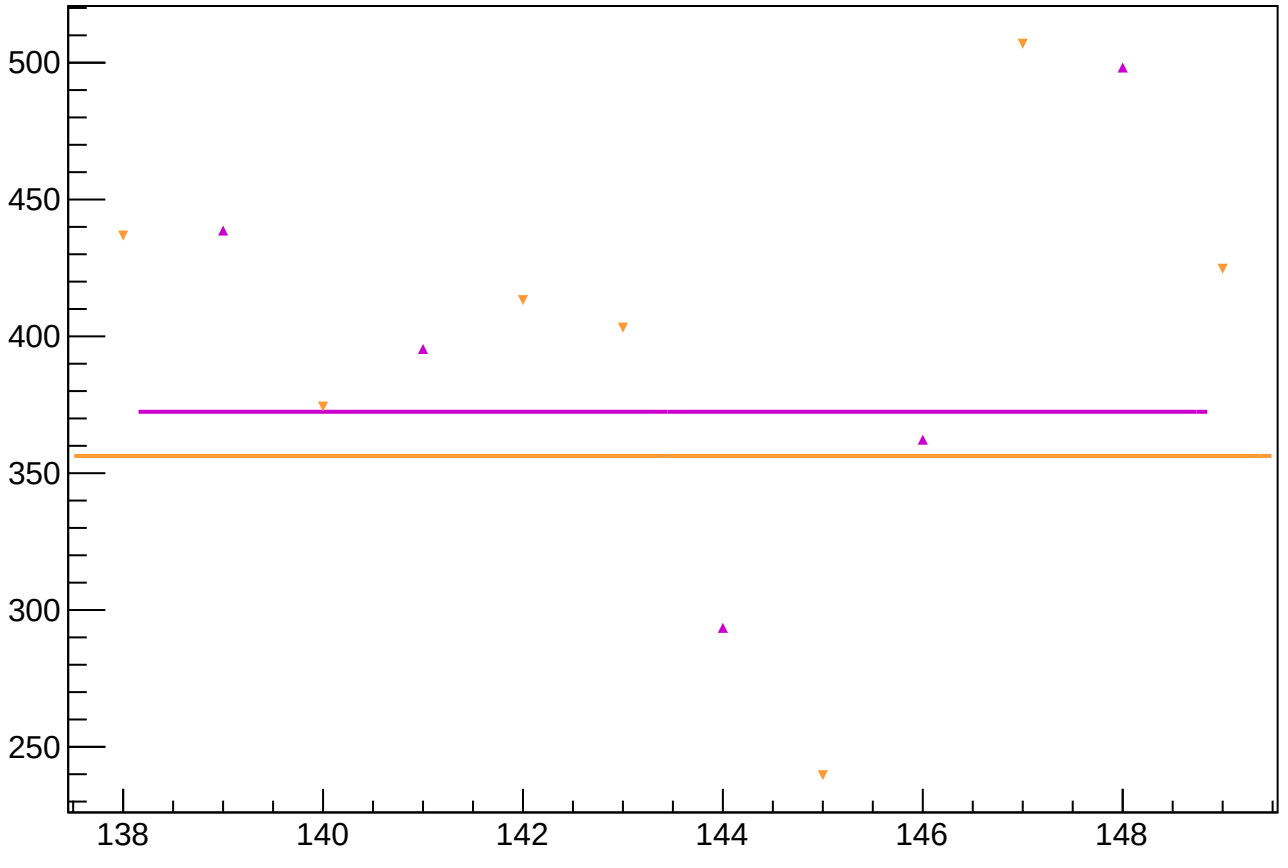
Left: 226.095+/-123.392 χ^2/NDF: 12.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 436.152+/-187.947 χ^2/NDF:2.5/4

Out: 66.968+/-163.583 χ^2/NDF:8.2/6

All: 226.095+/-123.392 χ^2/NDF: 12.9/11



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

Left Out: 356.309+/-0.116 χ^2/NDF:628476.9/6

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

Left In: 372.436+/-0.133 χ^2/NDF:263345.5/4

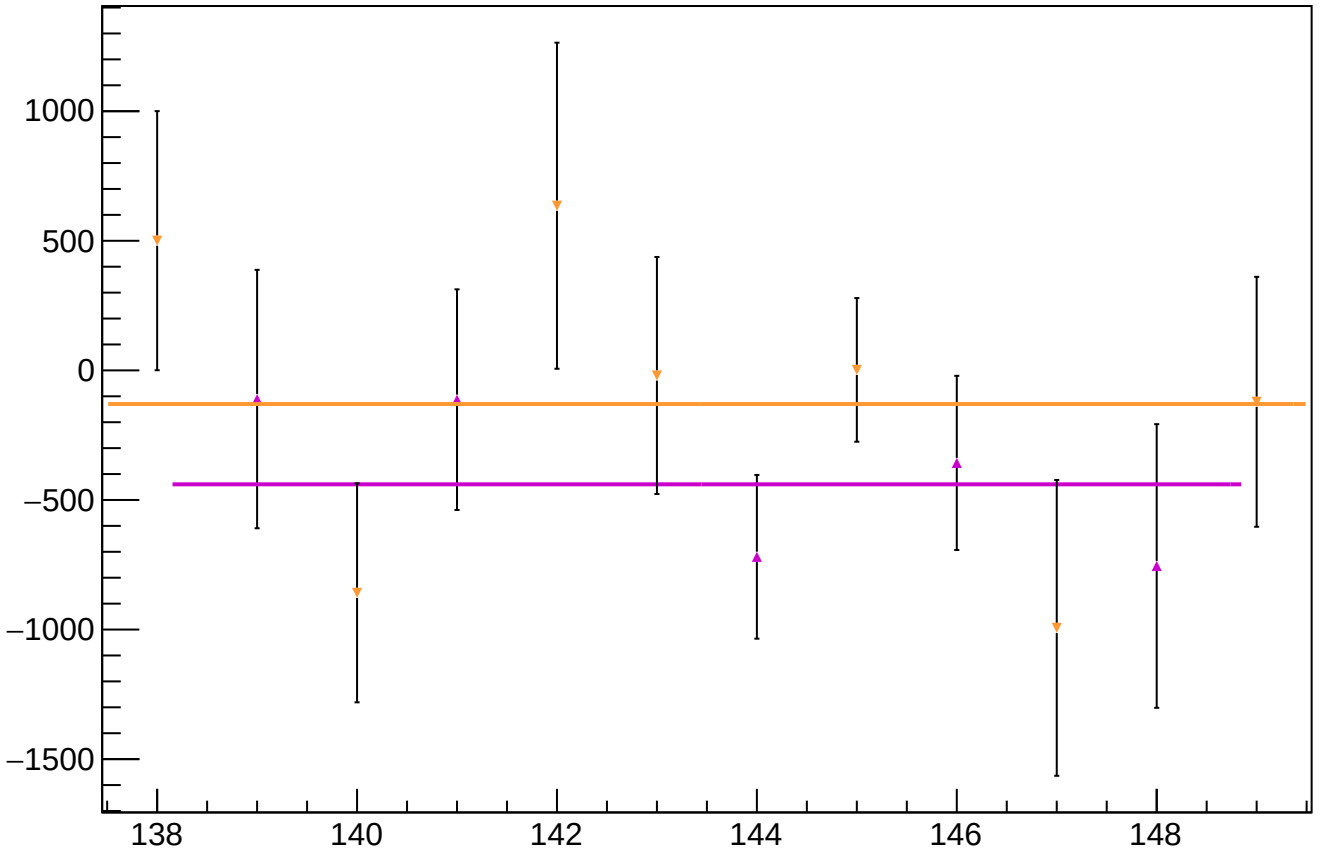
Left: 363.260+/-0.087 χ^2/NDF: 900201.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 372.436+/-0.133 χ^2/NDF:263345.5/4

Out: 356.309+/-0.116 χ^2/NDF:628476.9/6

All: 363.260+/-0.087 χ^2/NDF: 900201.5/11



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

Left Out: -129.809+/-163.722 χ^2/NDF:8.6/6

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

Left In: -439.598+/-177.449 χ^2/NDF:2.2/4

Left: -272.259+/-120.330 χ^2/NDF: 12.5/11

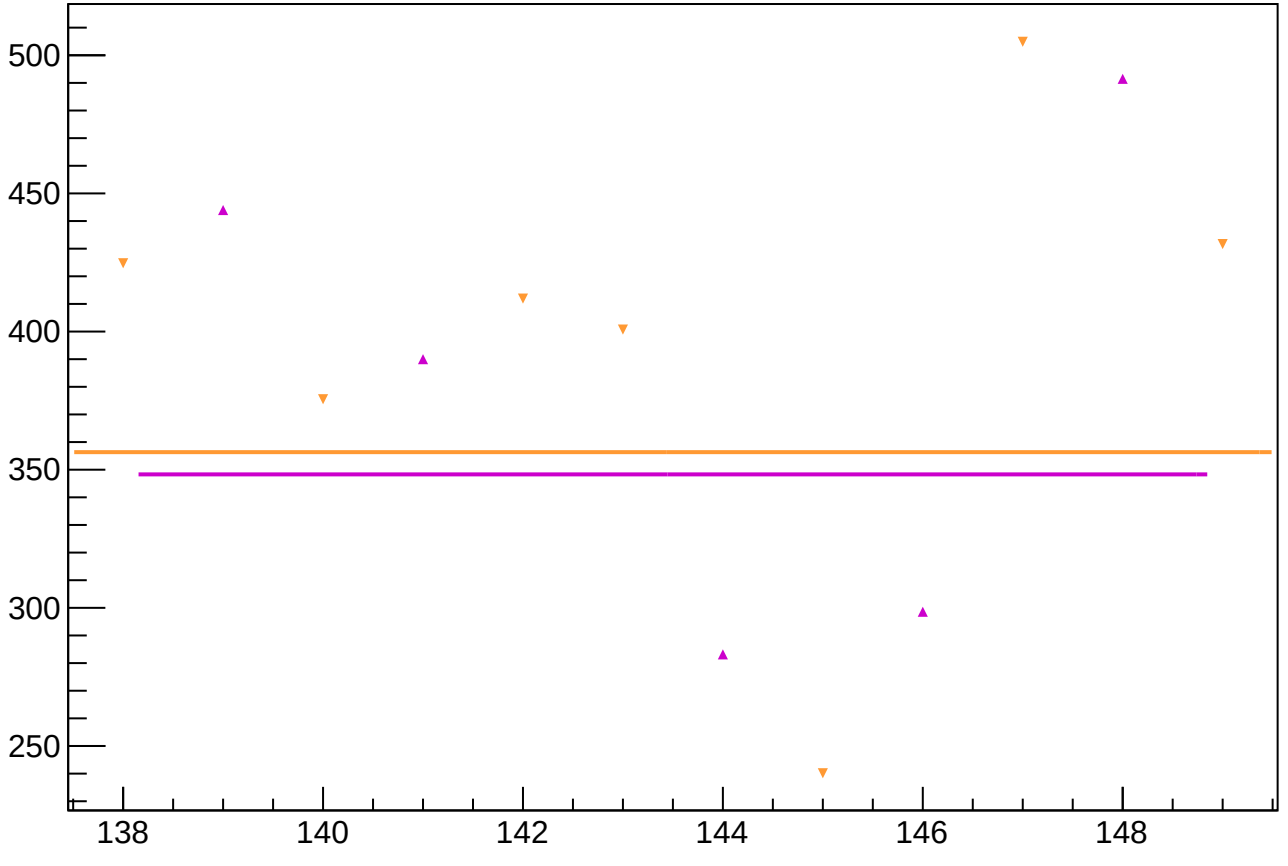
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -439.598+/-177.449 χ^2/NDF:2.2/4

Out: -129.809+/-163.722 χ^2/NDF:8.6/6

All: -272.259+/-120.330 χ^2/NDF: 12.5/11

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 356.353+/-0.116 χ^2/NDF:611993.4/6

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

Left In: 348.305+/-0.125 χ^2/NDF:358599.7/4

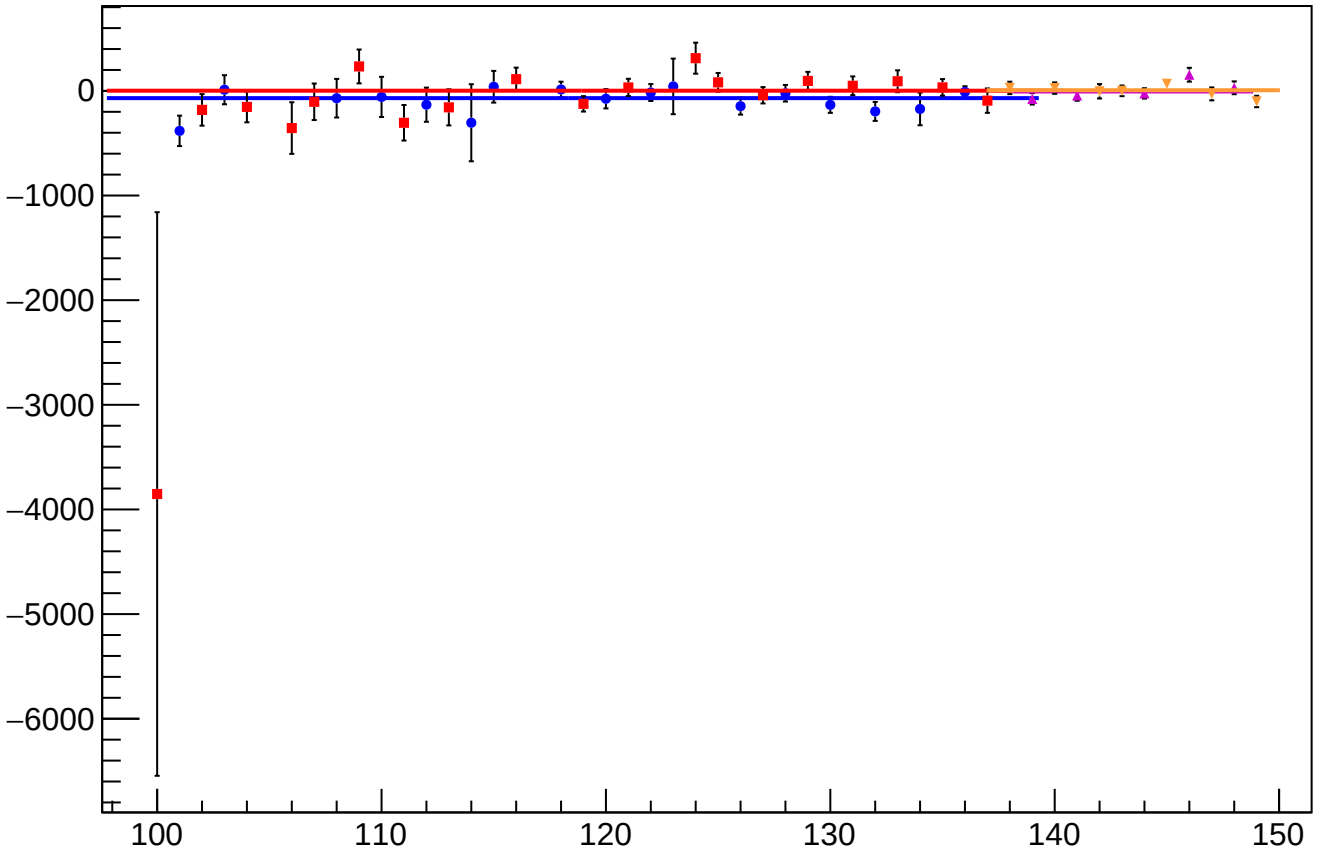
Left: 352.652+/-0.085 χ^2/NDF: 972815.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.305+/-0.125 χ^2/NDF:358599.7/4

Out: 356.353+/-0.116 χ^2/NDF:611993.4/6

All: 352.652+/-0.085 χ^2/NDF: 972815.6/11



Right In: -69.188+/-24.260 χ^2/NDF: 13.5/16

Left Out: 6.298+/-20.434 χ^2/NDF:6.7/6

Right Out: 1.744+/-25.186 χ^2/NDF: 25.8/18

Left In: -5.753+/-24.777 χ^2/NDF:8.6/4

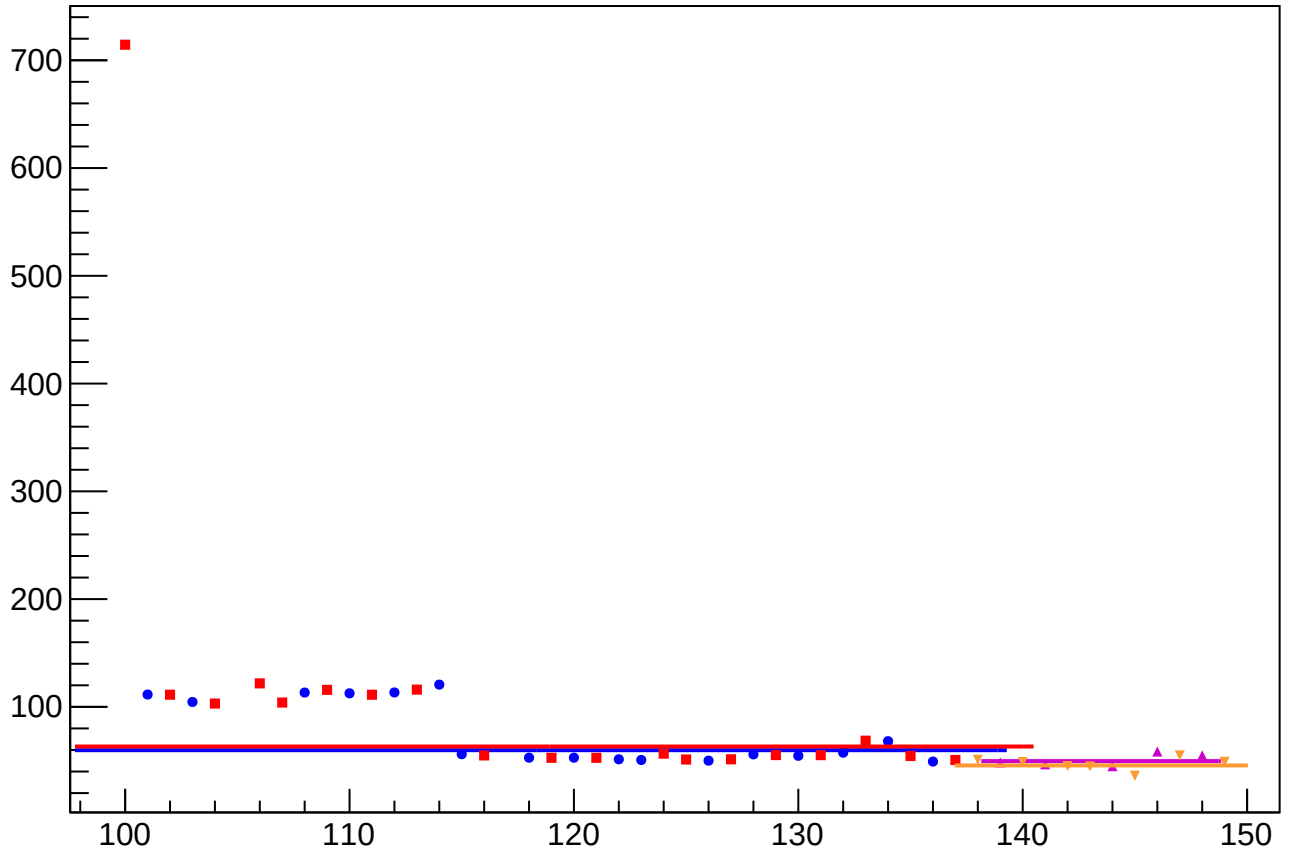
Left: 1.420+/-15.764 χ^2/NDF: 15.5/11

Right: -35.049+/-17.473 χ^2/NDF: 43.4/35

In: -38.139+/-17.334 χ^2/NDF:25.4/21

Out: 4.491+/-15.868 χ^2/NDF:32.6/25

All: -14.945+/-11.705 χ^2/NDF: 61.3/47



Right In: 59.809+/-0.017 χ^2/NDF: 1229983.3/16

Left Out: 45.642+/-0.014 χ^2/NDF:182915.1/6

Right Out: 63.223+/-0.018 χ^2/NDF: 1504271.8/18

Left In: 49.667+/-0.018 χ^2/NDF:76922.2/4

Left: 47.271+/-0.011 χ^2/NDF: 291247.1/11

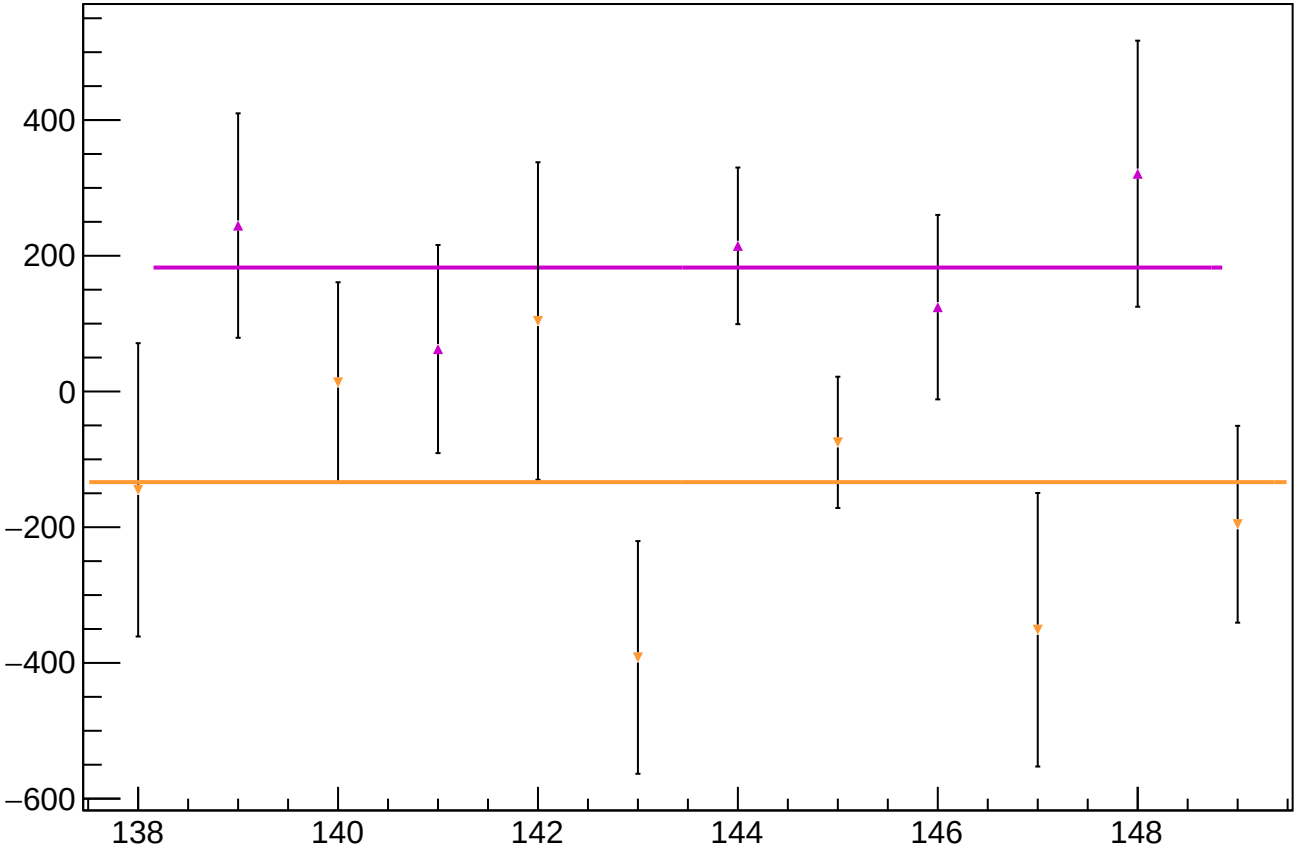
Right: 61.452+/-0.012 χ^2/NDF: 2753314.9/35

In: 54.845+/-0.012 χ^2/NDF:1477988.4/21

Out: 52.621+/-0.011 χ^2/NDF:2274854.1/25

All: 53.635+/-0.008 χ^2/NDF: 3770753.2/47

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: -133.571+/-57.870 χ^2/NDF:6.0/6

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

Left In: 182.636+/-65.325 χ^2/NDF:1.5/4

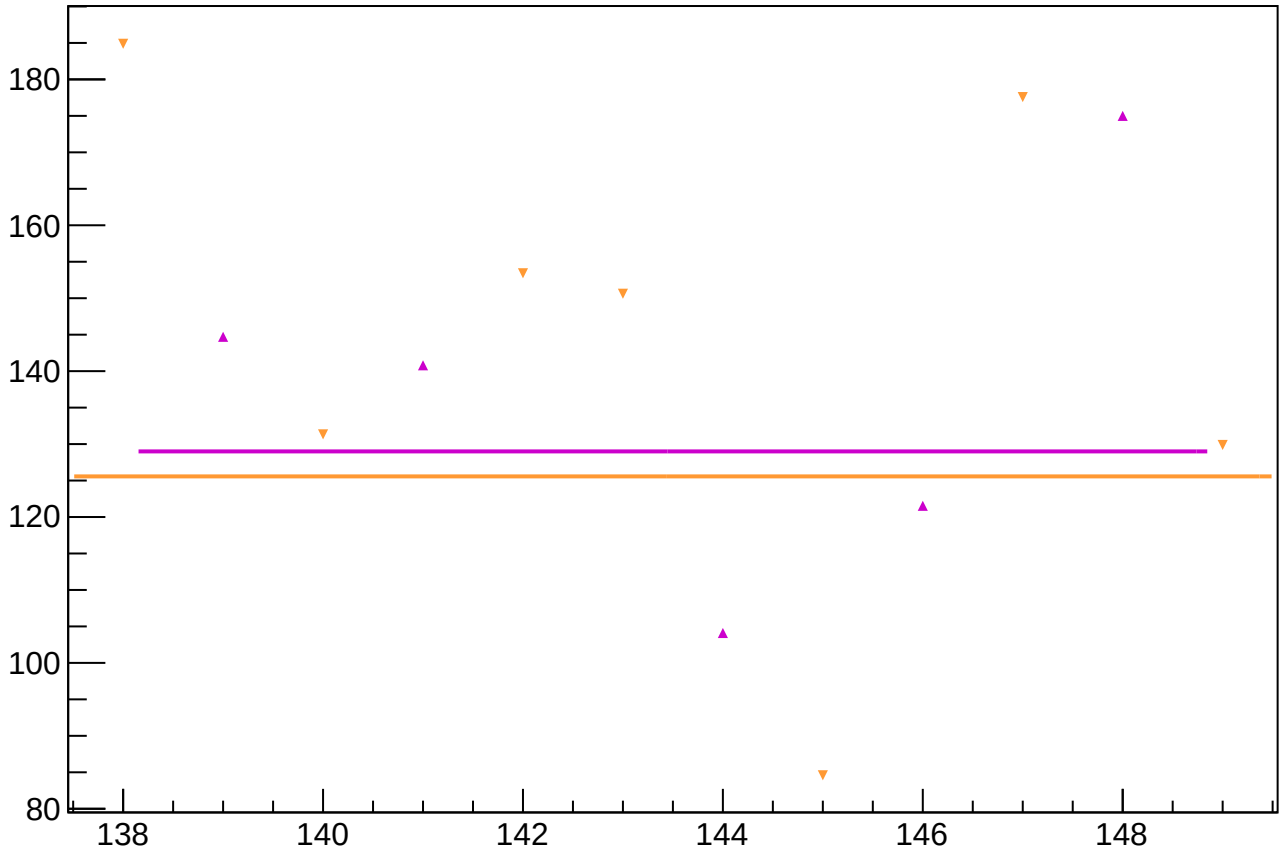
Left: 5.468+/-43.317 χ^2/NDF: 20.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 182.636+/-65.325 χ^2/NDF:1.5/4

Out: -133.571+/-57.870 χ^2/NDF:6.0/6

All: 5.468+/-43.317 χ^2/NDF: 20.6/11



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

Left Out: 125.570+/-0.041 χ^2/NDF:718591.5/6

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

Left In: 128.996+/-0.046 χ^2/NDF:239156.4/4

Left: 127.076+/-0.031 χ^2/NDF: 960831.1/11

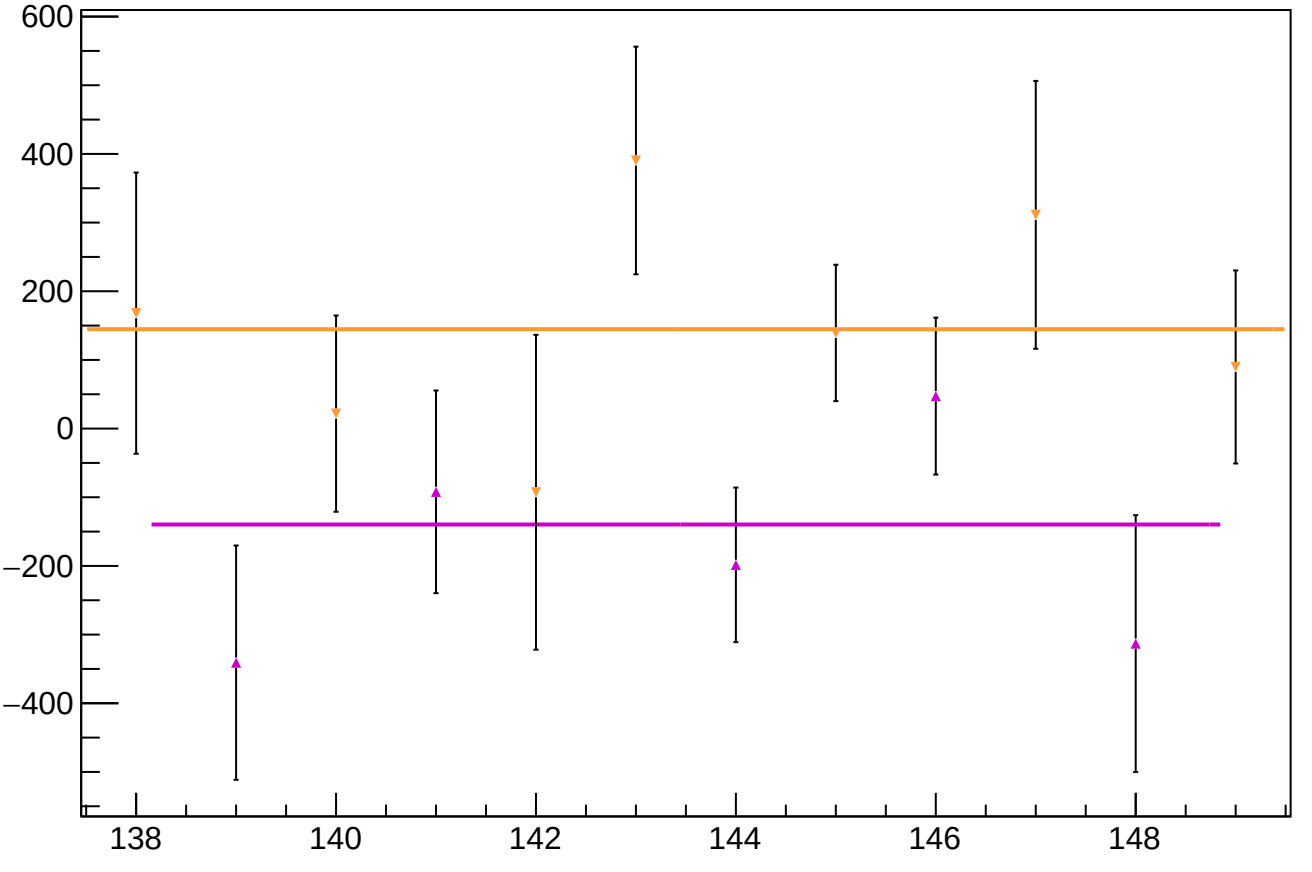
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 128.996+/-0.046 χ^2/NDF:239156.4/4

Out: 125.570+/-0.041 χ^2/NDF:718591.5/6

All: 127.076+/-0.031 χ^2/NDF: 960831.1/11

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 144.772+/-57.118 χ^2/NDF:4.9/6

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

Left In: -139.685+/-61.498 χ^2/NDF:5.3/4

Left: 13.033+/-41.851 χ^2/NDF: 21.7/11

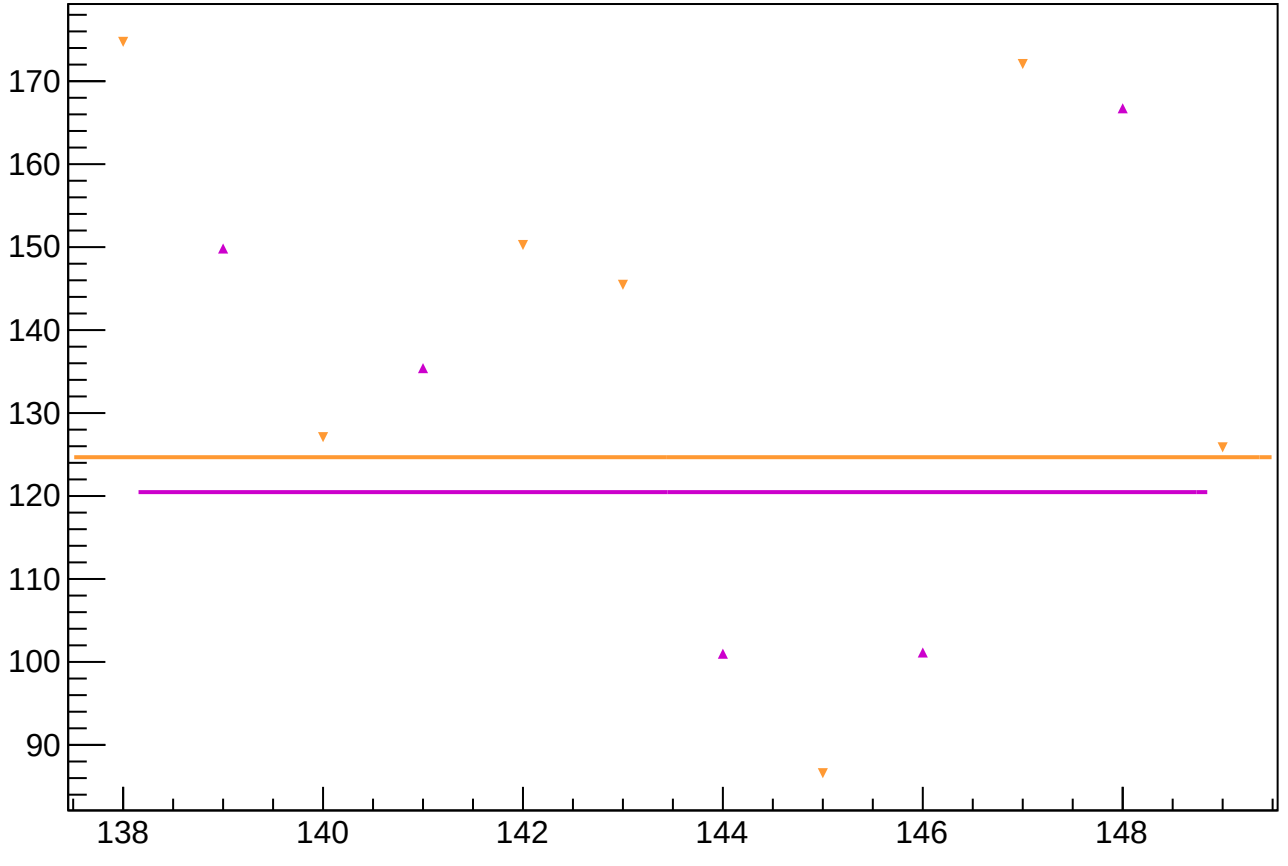
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -139.685+/-61.498 χ^2/NDF:5.3/4

Out: 144.772+/-57.118 χ^2/NDF:4.9/6

All: 13.033+/-41.851 χ^2/NDF: 21.7/11

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 124.678+/-0.040 χ^2/NDF:588751.7/6

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

Left In: 120.469+/-0.043 χ^2/NDF:319298.5/4

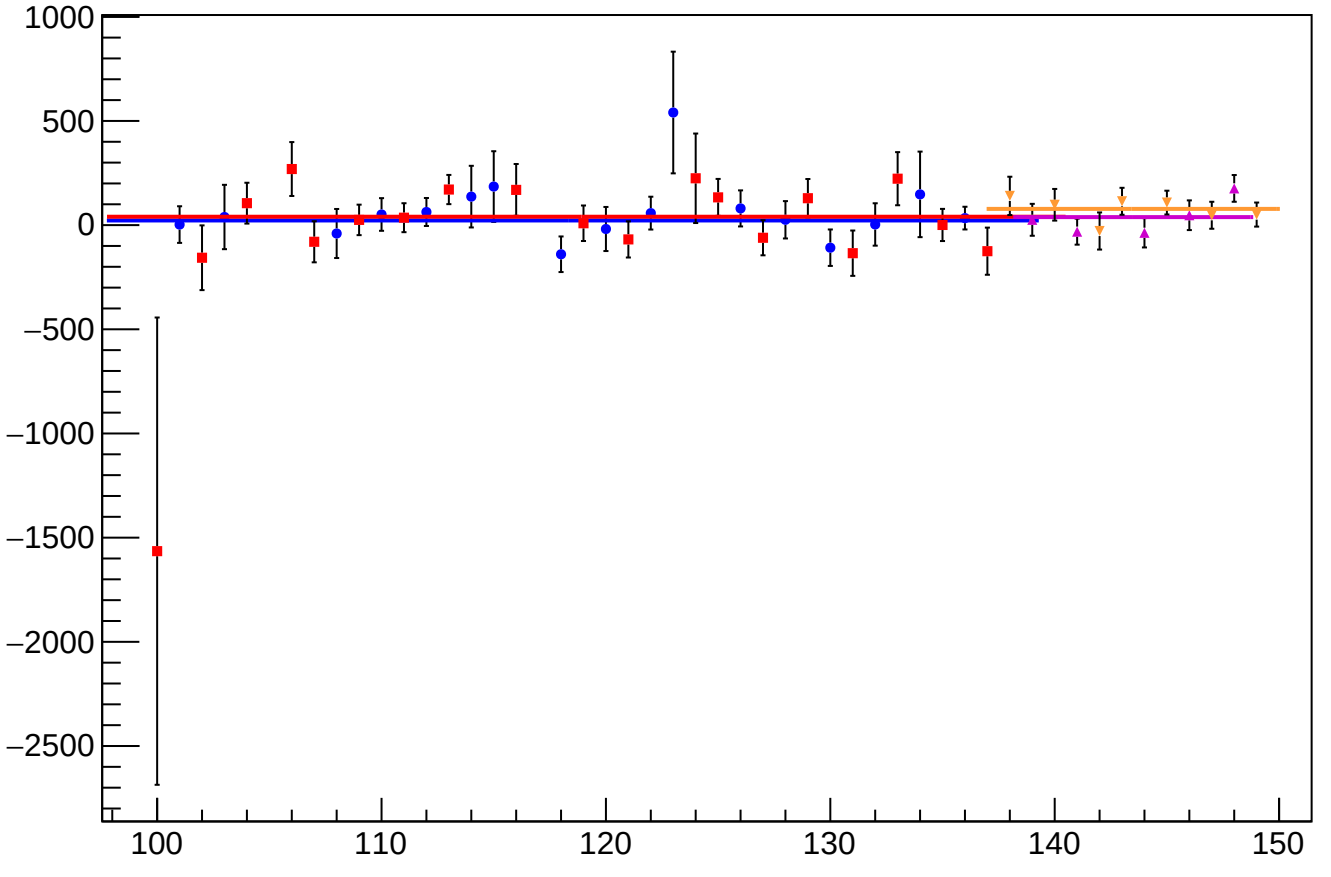
Left: 122.729+/-0.030 χ^2/NDF: 913080.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 120.469+/-0.043 χ^2/NDF:319298.5/4

Out: 124.678+/-0.040 χ^2/NDF:588751.7/6

All: 122.729+/-0.030 χ^2/NDF: 913080.0/11



Right In: 22.361+/-22.625 χ^2/NDF: 12.6/16

Left Out: 77.891+/-25.794 χ^2/NDF:3.0/6

Right Out: 40.242+/-22.132 χ^2/NDF: 26.3/18

Left In: 38.416+/-30.595 χ^2/NDF:7.0/4

Left: 61.490+/-19.721 χ^2/NDF: 11.0/11

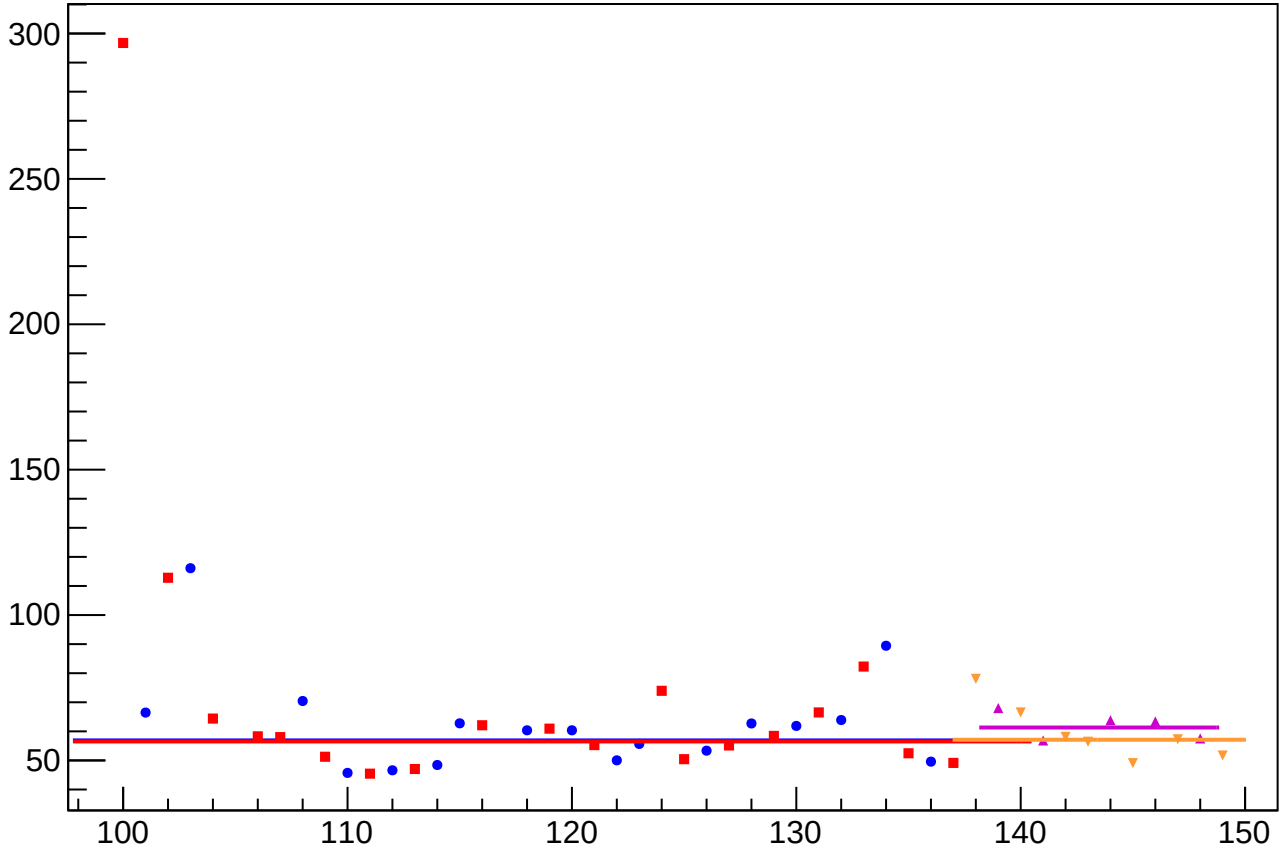
Right: 31.498+/-15.821 χ^2/NDF: 39.2/35

In: 28.037+/-18.191 χ^2/NDF:19.8/21

Out: 56.206+/-16.796 χ^2/NDF:30.5/25

All: 43.243+/-12.341 χ^2/NDF: 51.6/47

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF: 575487.1/16

Left Out: 57.112+/-0.018 χ^2/NDF:192297.8/6

Right Out: 56.528+/-0.016 χ^2/NDF: 612273.7/18

Left In: 61.317+/-0.022 χ^2/NDF:36571.1/4

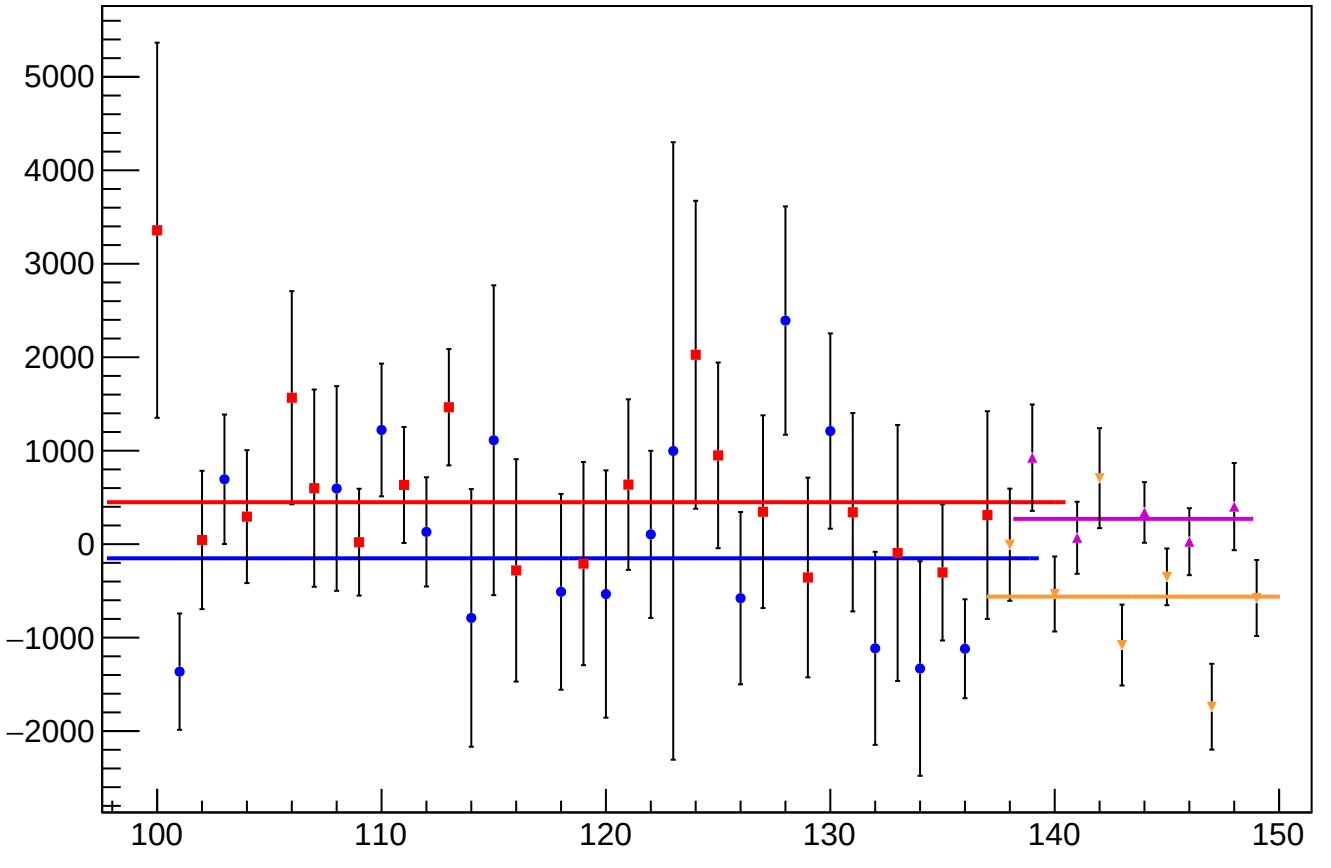
Left: 58.859+/-0.014 χ^2/NDF: 250951.3/11

Right: 56.699+/-0.011 χ^2/NDF: 1188006.9/35

In: 58.448+/-0.013 χ^2/NDF:639269.3/21

Out: 56.776+/-0.012 χ^2/NDF:805163.4/25

All: 57.545+/-0.009 χ^2/NDF: 1453556.6/47



Right In: -151.194+/-212.448 χ^2/NDF: 22.4/16

Left Out: -561.038+/-159.179 χ^2/NDF:15.0/6

Right Out: 448.932+/-203.999 χ^2/NDF: 10.5/18

Left In: 270.919+/-177.498 χ^2/NDF:2.2/4

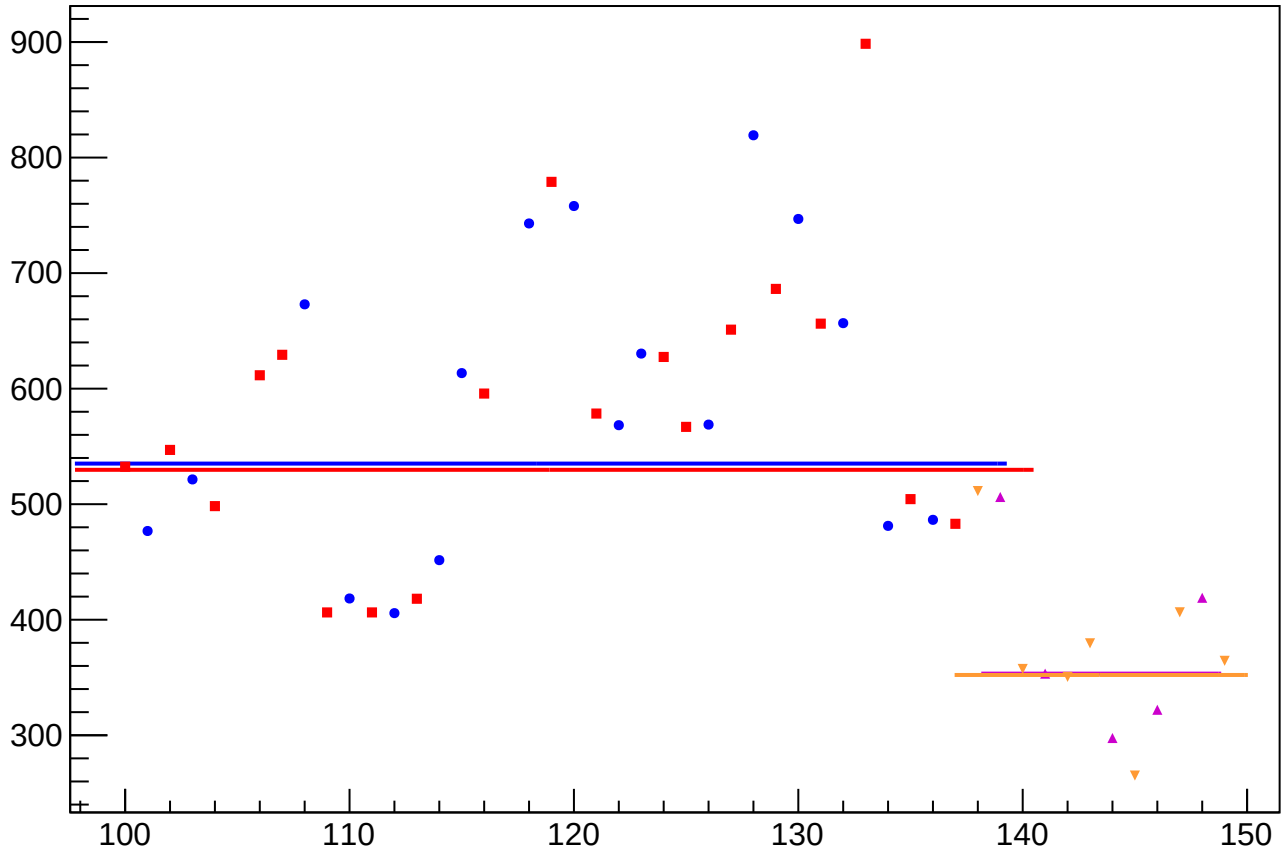
Left: -190.195+/-118.506 χ^2/NDF: 29.3/11

Right: 161.039+/-147.145 χ^2/NDF: 37.1/35

In: 97.394+/-136.213 χ^2/NDF:27.0/21

Out: -178.825+/-125.495 χ^2/NDF:40.7/25

All: -52.009+/-92.295 χ^2/NDF: 69.9/47



Right In: 535.137+/-0.150 χ^2/NDF: 596084.8/16

Left Out: 352.187+/-0.113 χ^2/NDF:343469.5/6

Right Out: 529.748+/-0.144 χ^2/NDF: 646729.4/18

Left In: 353.347+/-0.126 χ^2/NDF:258357.5/4

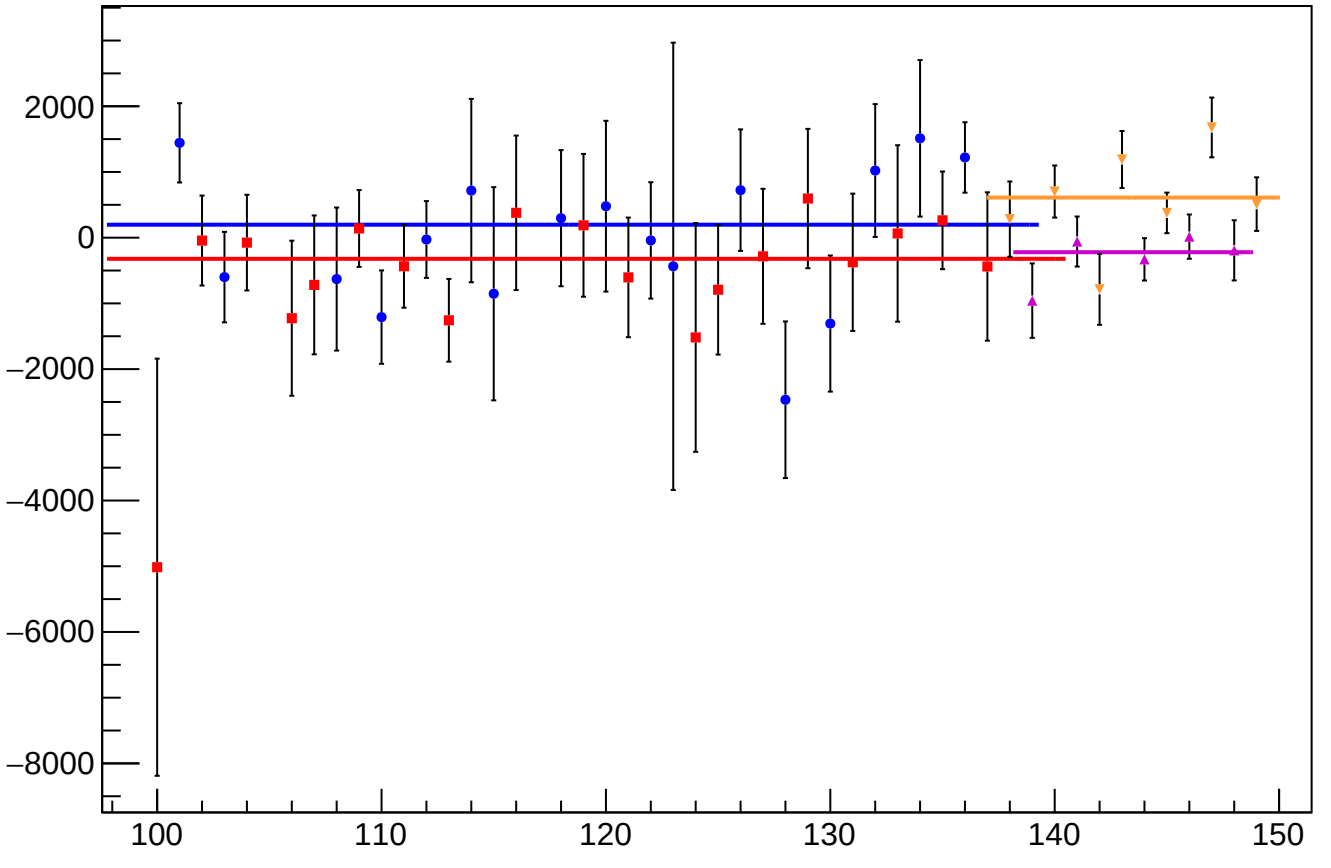
Left: 352.704+/-0.084 χ^2/NDF: 601874.3/11

Right: 532.334+/-0.104 χ^2/NDF: 1243483.8/35

In: 428.079+/-0.096 χ^2/NDF:1716860.8/21

Out: 419.383+/-0.089 χ^2/NDF:1931986.6/25

All: 423.375+/-0.065 χ^2/NDF: 3653256.0/47



Right In: 197.561+/-211.480 χ^2/NDF: 23.9/16

Left Out: 610.427+/-159.110 χ^2/NDF:15.0/6

Right Out: -321.565+/-205.269 χ^2/NDF: 8.9/18

Left In: -221.036+/-173.512 χ^2/NDF:2.5/4

Left: 230.629+/-117.269 χ^2/NDF: 29.9/11

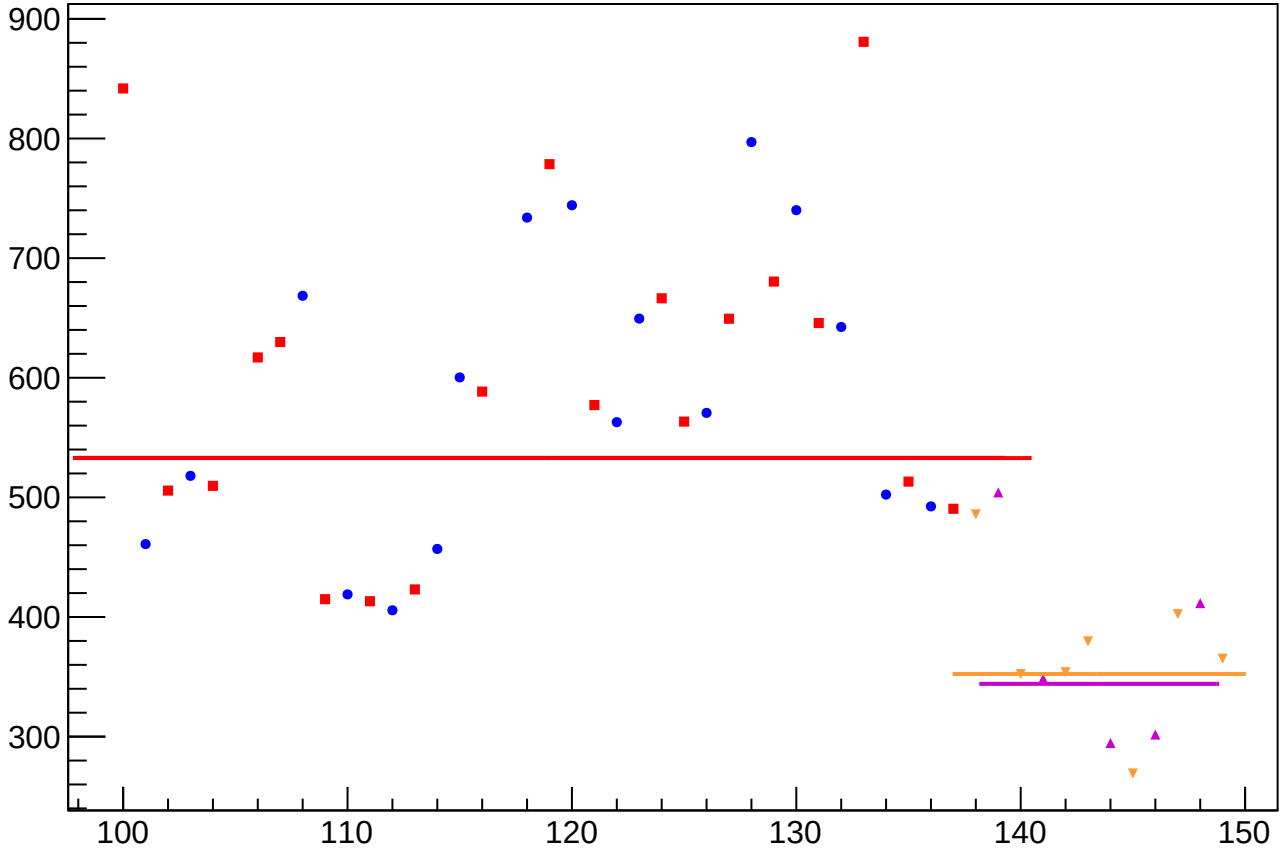
Right: -69.737+/-147.294 χ^2/NDF: 35.9/35

In: -52.621+/-134.141 χ^2/NDF:28.8/21

Out: 260.629+/-125.755 χ^2/NDF:36.7/25

All: 114.101+/-91.744 χ^2/NDF: 68.4/47

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF: 566851.1/16

Left Out: 352.376+/-0.113 χ^2/NDF:287994.1/6

Right Out: 532.857+/-0.145 χ^2/NDF: 616953.9/18

Left In: 344.129+/-0.123 χ^2/NDF:281851.6/4

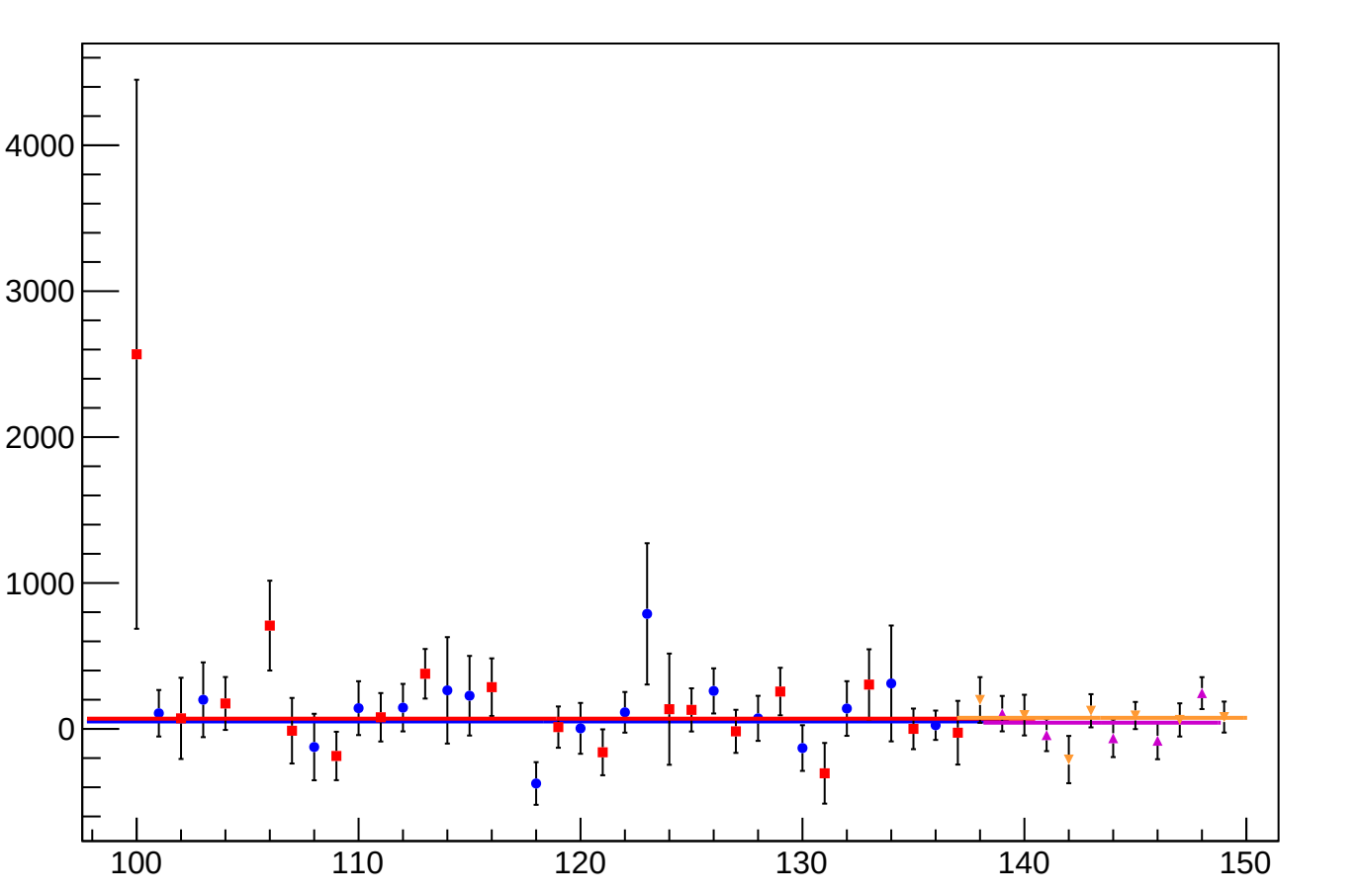
Left: 348.609+/-0.083 χ^2/NDF: 572300.5/11

Right: 532.941+/-0.104 χ^2/NDF: 1183805.7/35

In: 420.130+/-0.095 χ^2/NDF:1802440.8/21

Out: 420.115+/-0.089 χ^2/NDF:1870773.4/25

All: 420.122+/-0.065 χ^2/NDF: 3673214.2/47



Right In: 51.166+/-42.416 χ^2/NDF: 17.4/16

Left Out: 75.917+/-45.197 χ^2/NDF:4.0/6

Right Out: 70.072+/-42.792 χ^2/NDF: 22.1/18

Left In: 42.641+/-52.932 χ^2/NDF:5.9/4

Left: 61.886+/-34.371 χ^2/NDF: 10.1/11

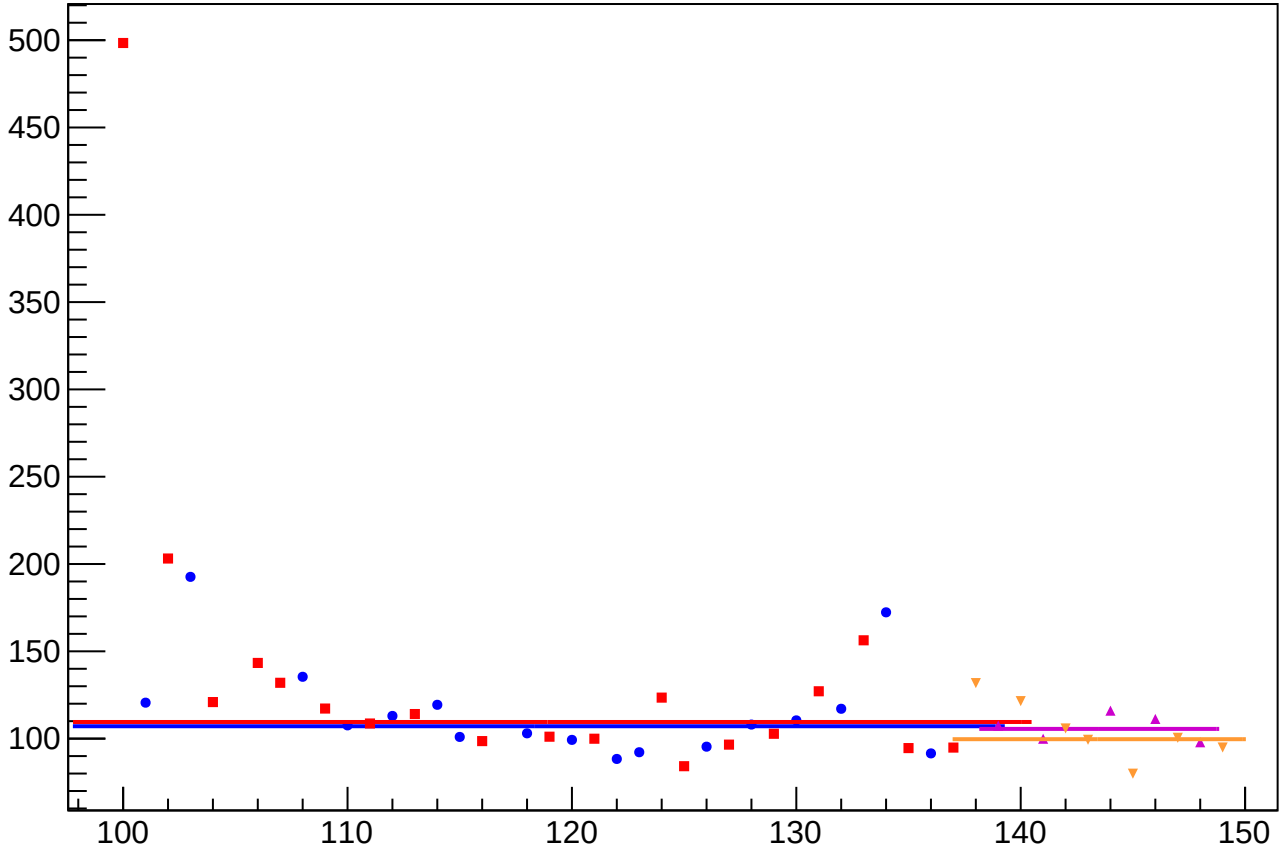
Right: 60.535+/-30.125 χ^2/NDF: 39.6/35

In: 47.832+/-33.100 χ^2/NDF:23.3/21

Out: 72.835+/-31.074 χ^2/NDF:26.1/25

All: 61.122+/-22.655 χ^2/NDF: 49.8/47

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF: 437755.4/16

Left Out: 99.676+/-0.032 χ^2/NDF:230427.4/6

Right Out: 109.530+/-0.030 χ^2/NDF: 591522.9/18

Left In: 105.569+/-0.037 χ^2/NDF:32685.6/4

Left: 102.161+/-0.024 χ^2/NDF: 277452.6/11

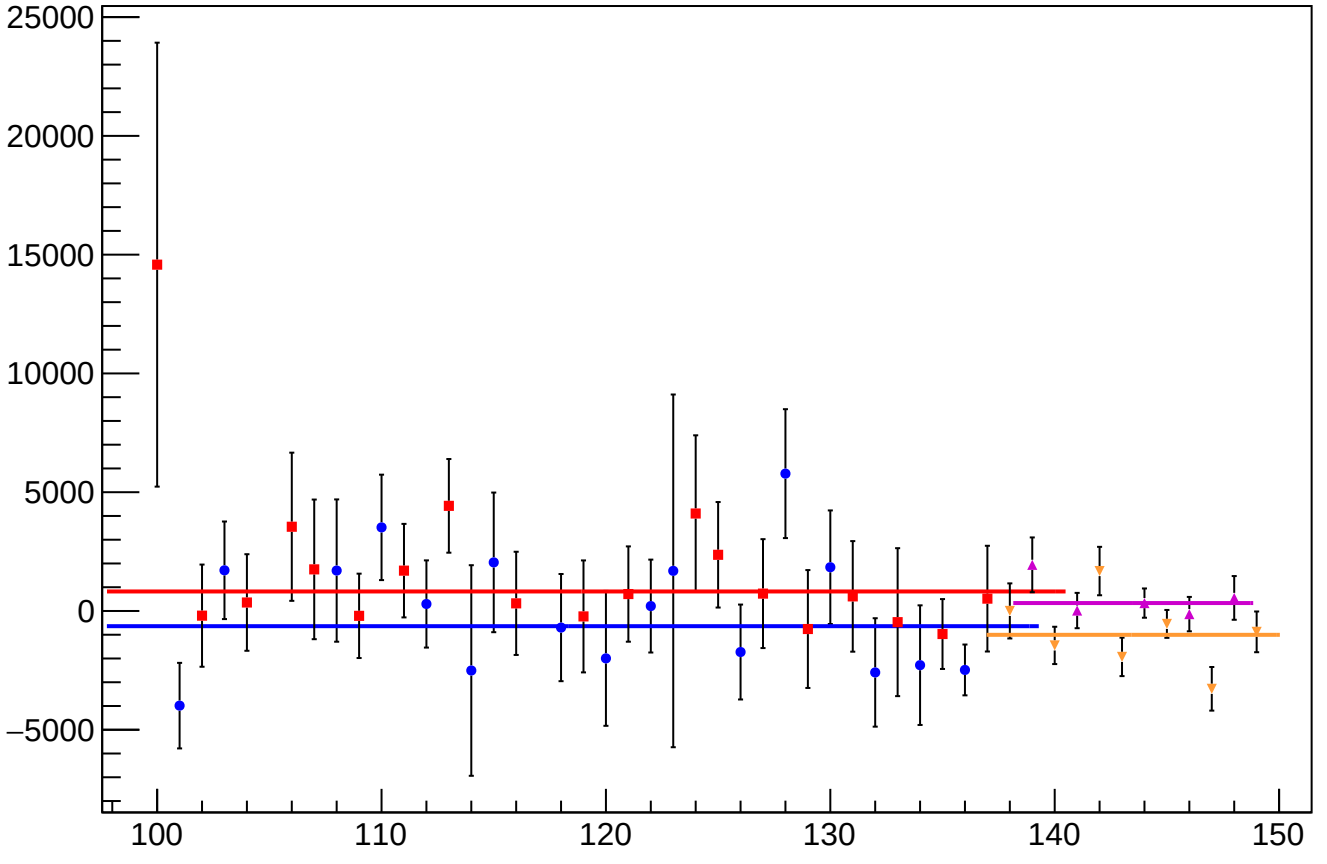
Right: 108.301+/-0.021 χ^2/NDF: 1032549.7/35

In: 106.498+/-0.023 χ^2/NDF:471451.0/21

Out: 104.872+/-0.022 χ^2/NDF:872087.7/25

All: 105.634+/-0.016 χ^2/NDF: 1346102.2/47

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF: 21.8/16

Left Out: -1003.871+/-311.538 χ^2/NDF:16.1/6

Right Out: 821.471+/-515.663 χ^2/NDF: 11.0/18

Left In: 333.983+/-347.365 χ^2/NDF:2.6/4

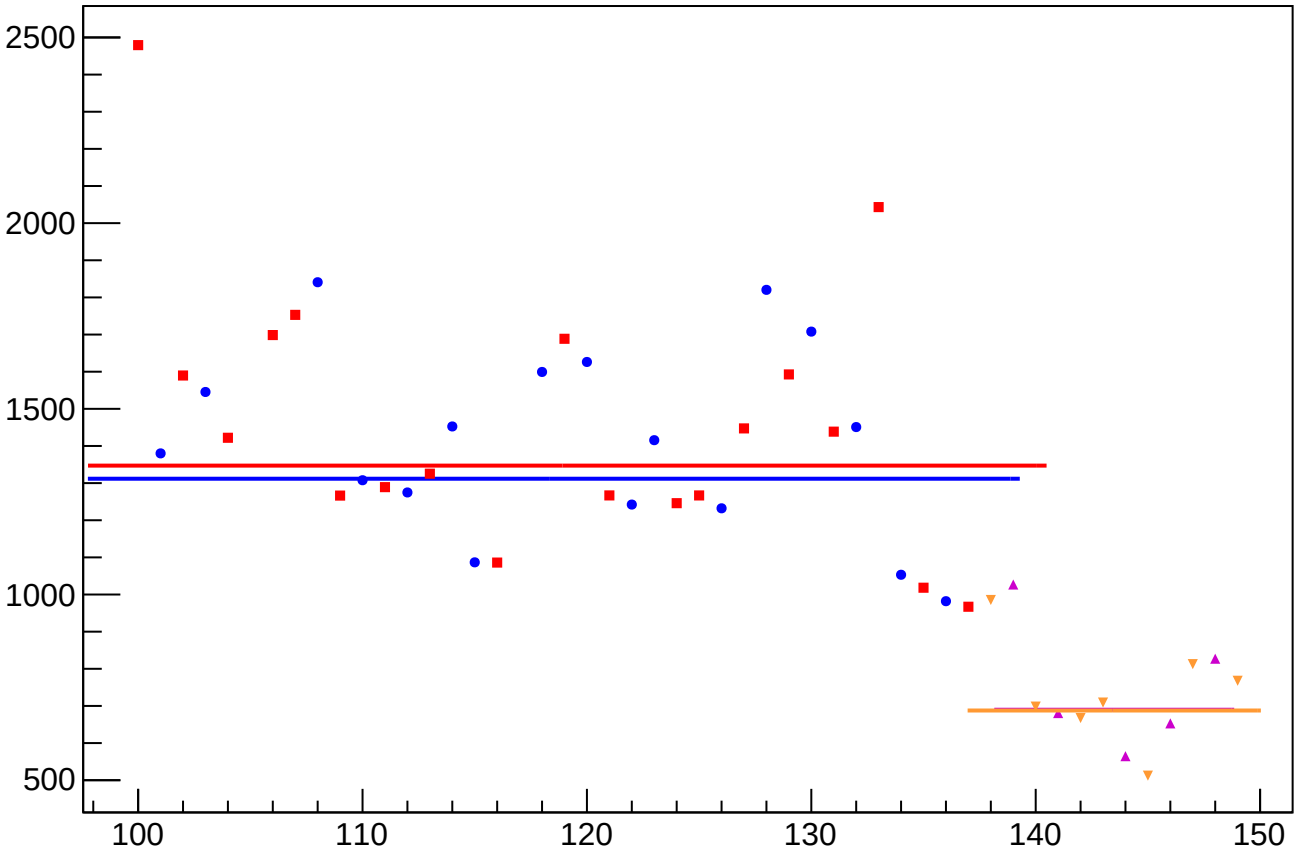
Left: -407.474+/-231.926 χ^2/NDF: 26.9/11

Right: 95.874+/-365.890 χ^2/NDF: 36.8/35

In: 32.905+/-288.717 χ^2/NDF:26.8/21

Out: -515.779+/-266.652 χ^2/NDF:36.3/25

All: -263.201+/-195.888 χ^2/NDF: 65.0/47



Right In: 1311.795+/-0.367 χ^2/NDF: 512676.0/16

Left Out: 687.693+/-0.220 χ^2/NDF:367277.9/6

Right Out: 1347.117+/-0.365 χ^2/NDF: 490460.8/18

Left In: 689.762+/-0.246 χ^2/NDF:303600.0/4

Left: 688.615+/-0.164 χ^2/NDF: 670917.2/11

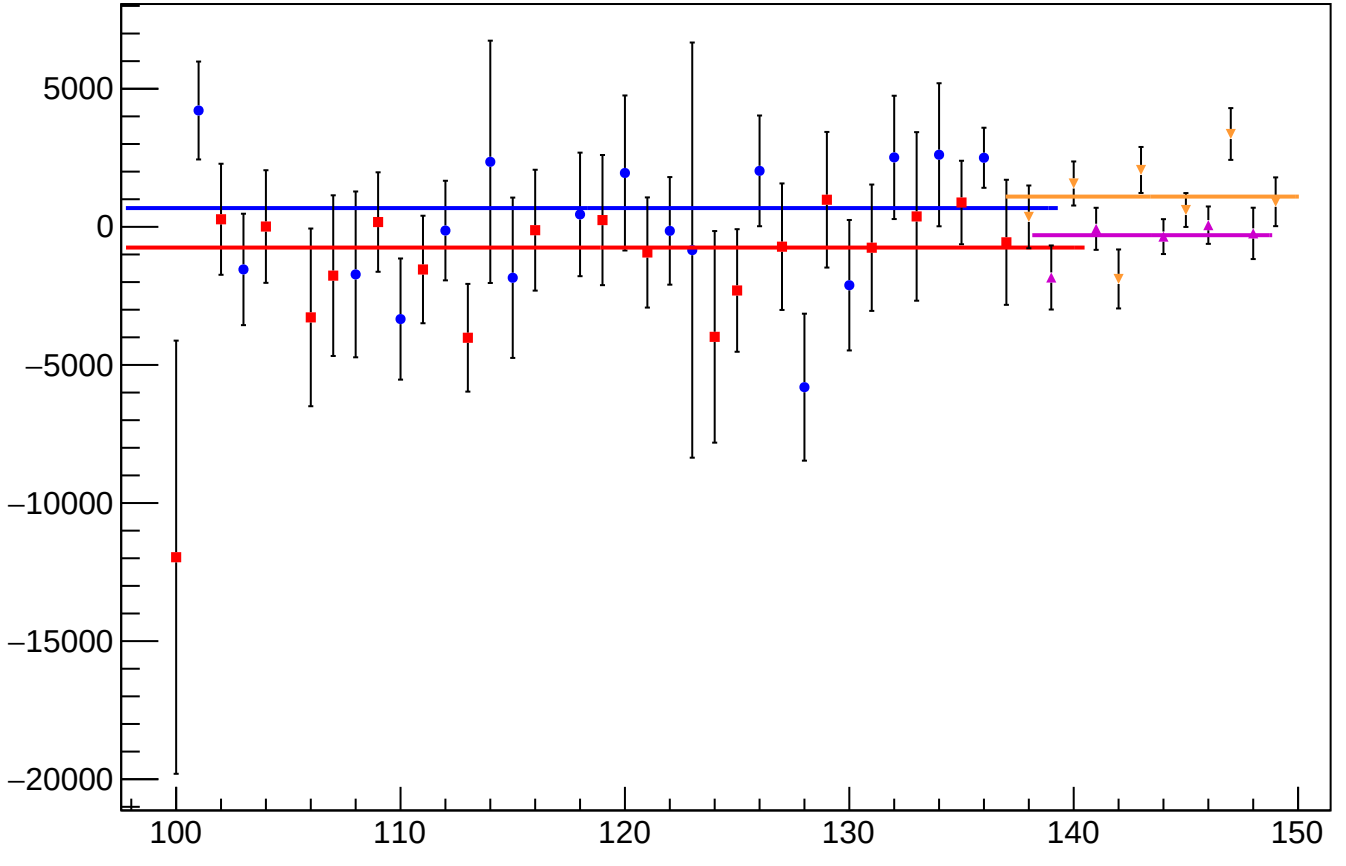
Right: 1329.578+/-0.259 χ^2/NDF: 1007796.5/35

In: 882.075+/-0.204 χ^2/NDF:2799075.6/21

Out: 864.021+/-0.189 χ^2/NDF:3253789.1/25

All: 872.332+/-0.139 χ^2/NDF: 6057085.0/47

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF: 22.6/16

Left Out: 1095.801+/-320.426 χ^2/NDF:16.4/6

Right Out: -749.718+/-516.198 χ^2/NDF: 9.7/18

Left In: -301.892+/-346.777 χ^2/NDF:2.1/4

Left: 452.069+/-235.340 χ^2/NDF: 27.3/11

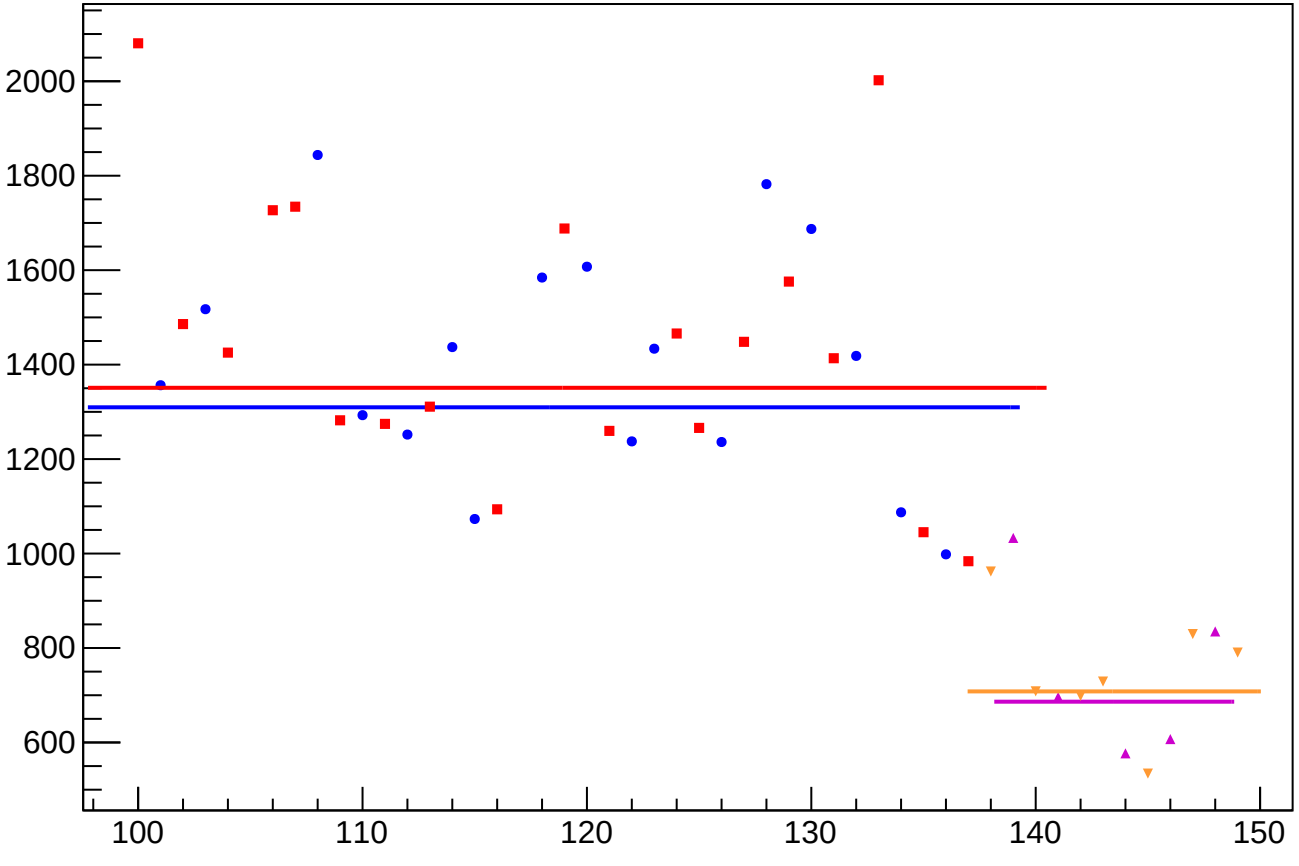
Right: -36.709+/-365.469 χ^2/NDF: 36.1/35

In: 2.352+/-288.080 χ^2/NDF:27.2/21

Out: 582.476+/-272.240 χ^2/NDF:35.3/25

All: 308.800+/-197.866 χ^2/NDF: 64.7/47

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF: 459314.8/16

Left Out: 708.113+/-0.227 χ^2/NDF:313013.7/6

Right Out: 1350.942+/-0.365 χ^2/NDF: 422723.4/18

Left In: 686.345+/-0.245 χ^2/NDF:317675.3/4

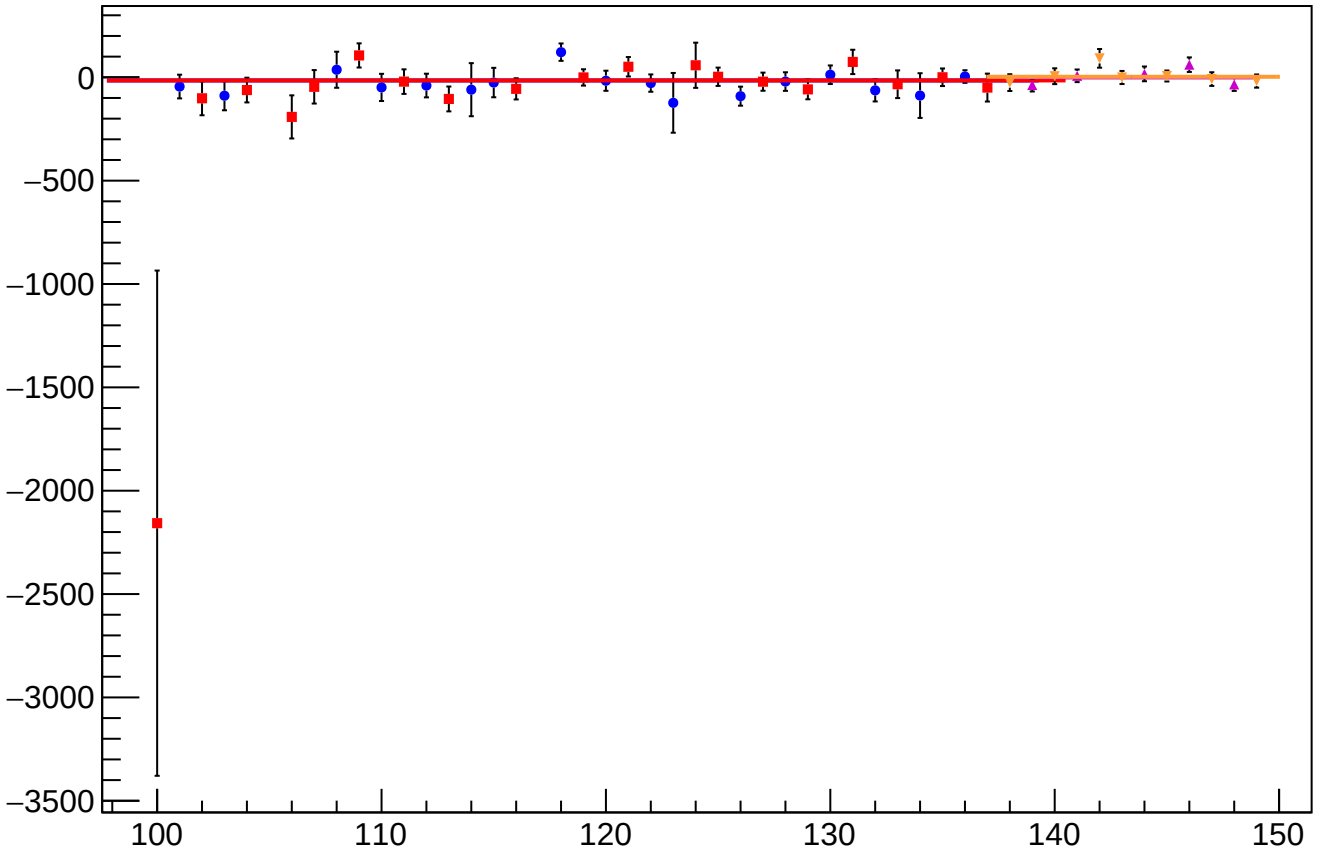
Left: 698.087+/-0.166 χ^2/NDF: 634940.0/11

Right: 1330.350+/-0.258 χ^2/NDF: 888419.4/35

In: 879.495+/-0.204 χ^2/NDF:2779286.0/21

Out: 886.913+/-0.193 χ^2/NDF:2974655.6/25

All: 883.414+/-0.140 χ^2/NDF: 5754642.1/47



Right In: -15.281+/-12.907 χ^2/NDF: 18.3/16

Left Out: 2.520+/-12.816 χ^2/NDF:4.9/6

Right Out: -15.085+/-13.097 χ^2/NDF: 21.3/18

Left In: -0.590+/-14.599 χ^2/NDF:5.9/4

Left: 1.167+/-9.631 χ^2/NDF: 10.9/11

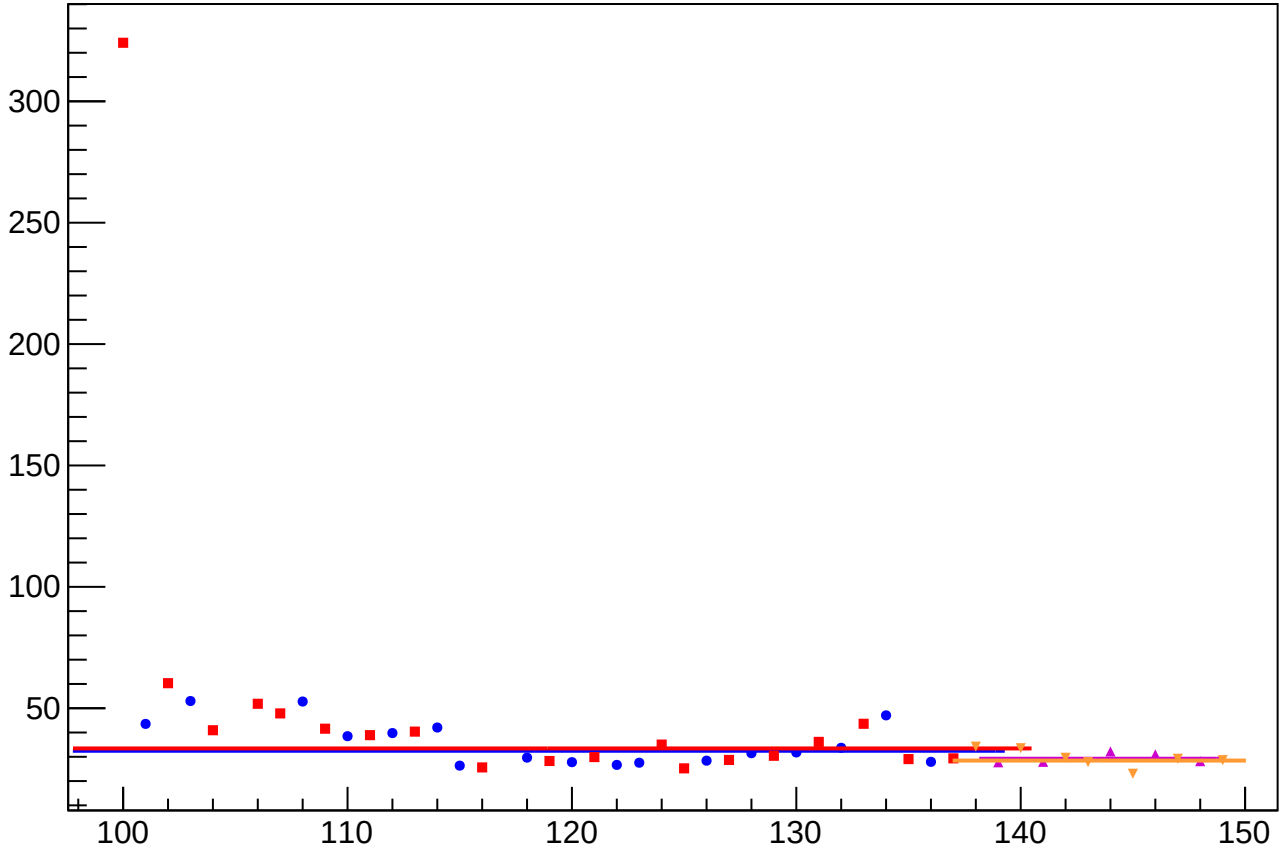
Right: -15.184+/-9.193 χ^2/NDF: 39.6/35

In: -8.836+/-9.670 χ^2/NDF:24.8/21

Out: -6.091+/-9.160 χ^2/NDF:27.1/25

All: -7.389+/-6.650 χ^2/NDF: 52.0/47

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF: 594480.9/16

Left Out: 28.448+/-0.009 χ^2/NDF:161987.5/6

Right Out: 33.444+/-0.009 χ^2/NDF: 838344.2/18

Left In: 29.195+/-0.010 χ^2/NDF:29201.2/4

Left: 28.773+/-0.007 χ^2/NDF: 194143.9/11

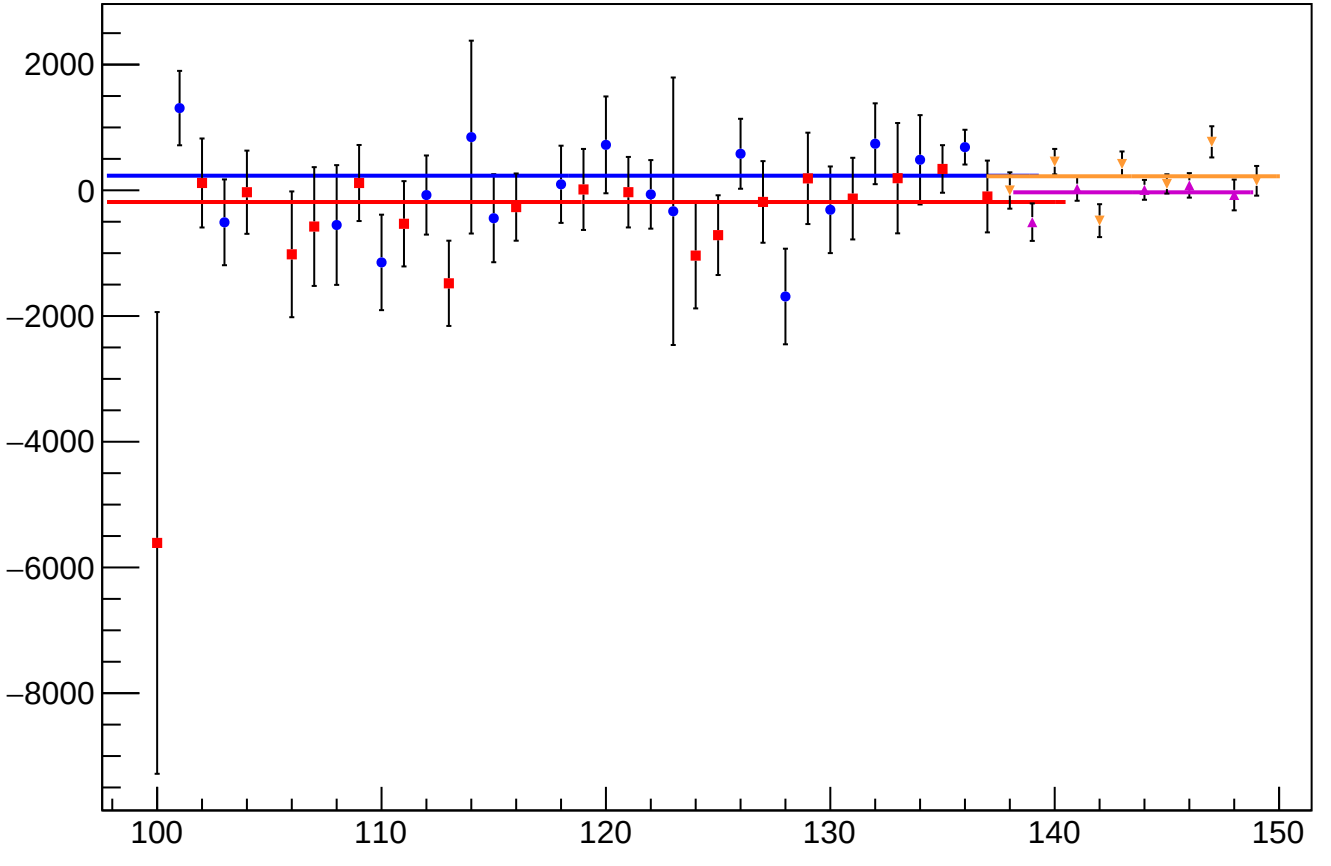
Right: 32.960+/-0.007 χ^2/NDF: 1438223.6/35

In: 31.044+/-0.007 χ^2/NDF:680845.1/21

Out: 30.892+/-0.006 χ^2/NDF:1149039.9/25

All: 30.964+/-0.005 χ^2/NDF: 1830144.7/47

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332+/-148.607 χ^2/NDF: 21.5/16

Left Out: 223.187+/-80.883 χ^2/NDF:15.8/6

Right Out: -186.198+/-149.878 χ^2/NDF: 11.8/18

Left In: -31.960+/-90.717 χ^2/NDF:3.0/4

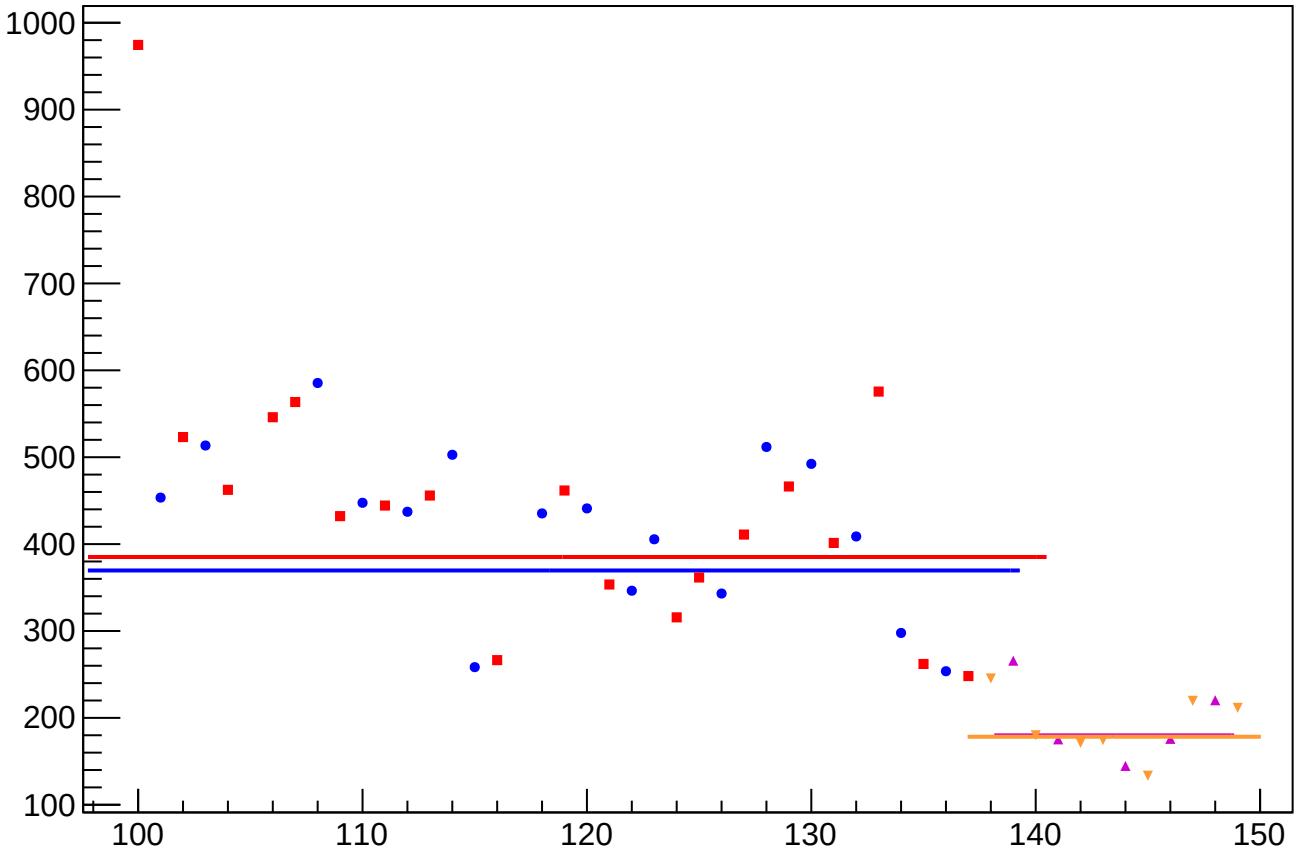
Left: 110.188+/-60.371 χ^2/NDF: 23.2/11

Right: 24.849+/-105.528 χ^2/NDF: 37.2/35

In: 39.790+/-77.430 χ^2/NDF:26.8/21

Out: 130.852+/-71.179 χ^2/NDF:33.3/25

All: 89.145+/-52.402 χ^2/NDF: 60.8/47



Right In: 369.650+/-0.105 χ^2/NDF: 902775.2/16

Left Out: 178.306+/-0.057 χ^2/NDF:376185.2/6

Right Out: 385.154+/-0.106 χ^2/NDF: 926572.0/18

Left In: 179.900+/-0.064 χ^2/NDF:321630.9/4

Left: 179.012+/-0.043 χ^2/NDF: 698160.3/11

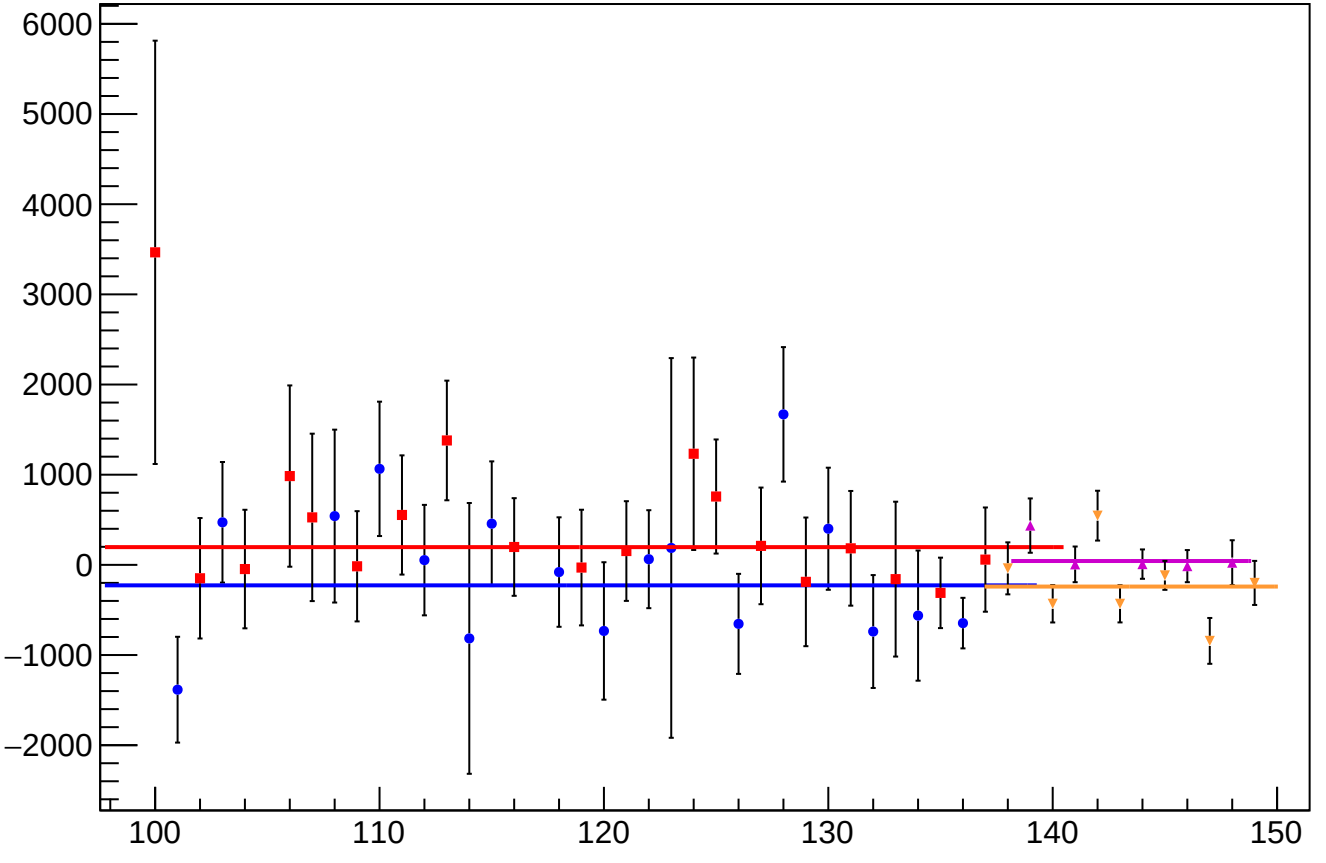
Right: 377.336+/-0.075 χ^2/NDF: 1840139.7/35

In: 231.414+/-0.055 χ^2/NDF:3599888.8/21

Out: 224.959+/-0.050 χ^2/NDF:4252979.8/25

All: 227.915+/-0.037 χ^2/NDF: 7860400.7/47

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF: 21.8/16

Left Out: -240.689+/-83.655 χ^2/NDF:16.5/6

Right Out: 196.753+/-150.178 χ^2/NDF: 10.7/18

Left In: 42.702+/-90.554 χ^2/NDF:1.9/4

Left: -110.199+/-61.447 χ^2/NDF: 23.7/11

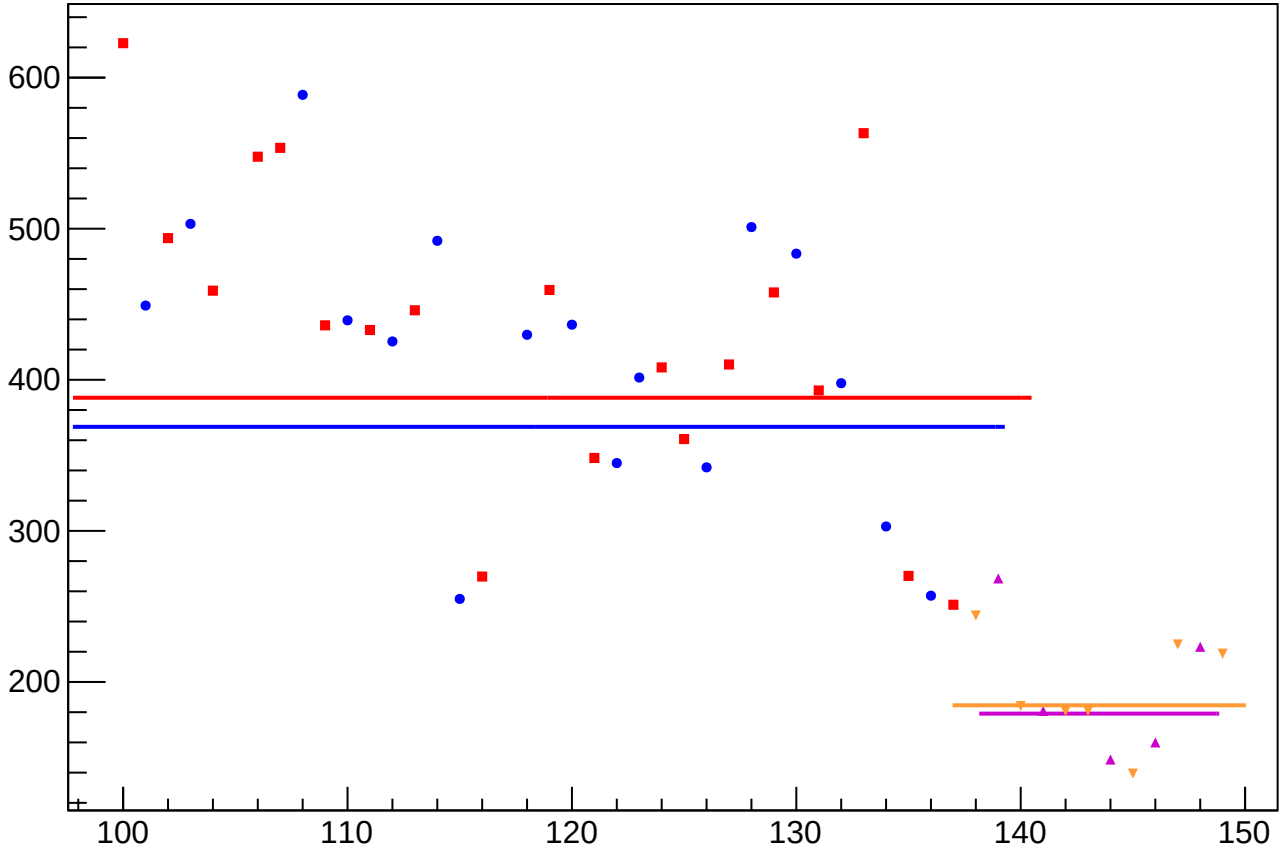
Right: -18.470+/-105.386 χ^2/NDF: 36.6/35

In: -30.894+/-77.232 χ^2/NDF:26.1/21

Out: -137.098+/-73.082 χ^2/NDF:33.8/25

All: -86.926+/-53.083 χ^2/NDF: 60.9/47

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864+/-0.105 χ^2/NDF: 829732.0/16

Left Out: 184.553+/-0.059 χ^2/NDF:334423.8/6

Right Out: 388.129+/-0.106 χ^2/NDF: 778176.0/18

Left In: 179.062+/-0.064 χ^2/NDF:332513.8/4

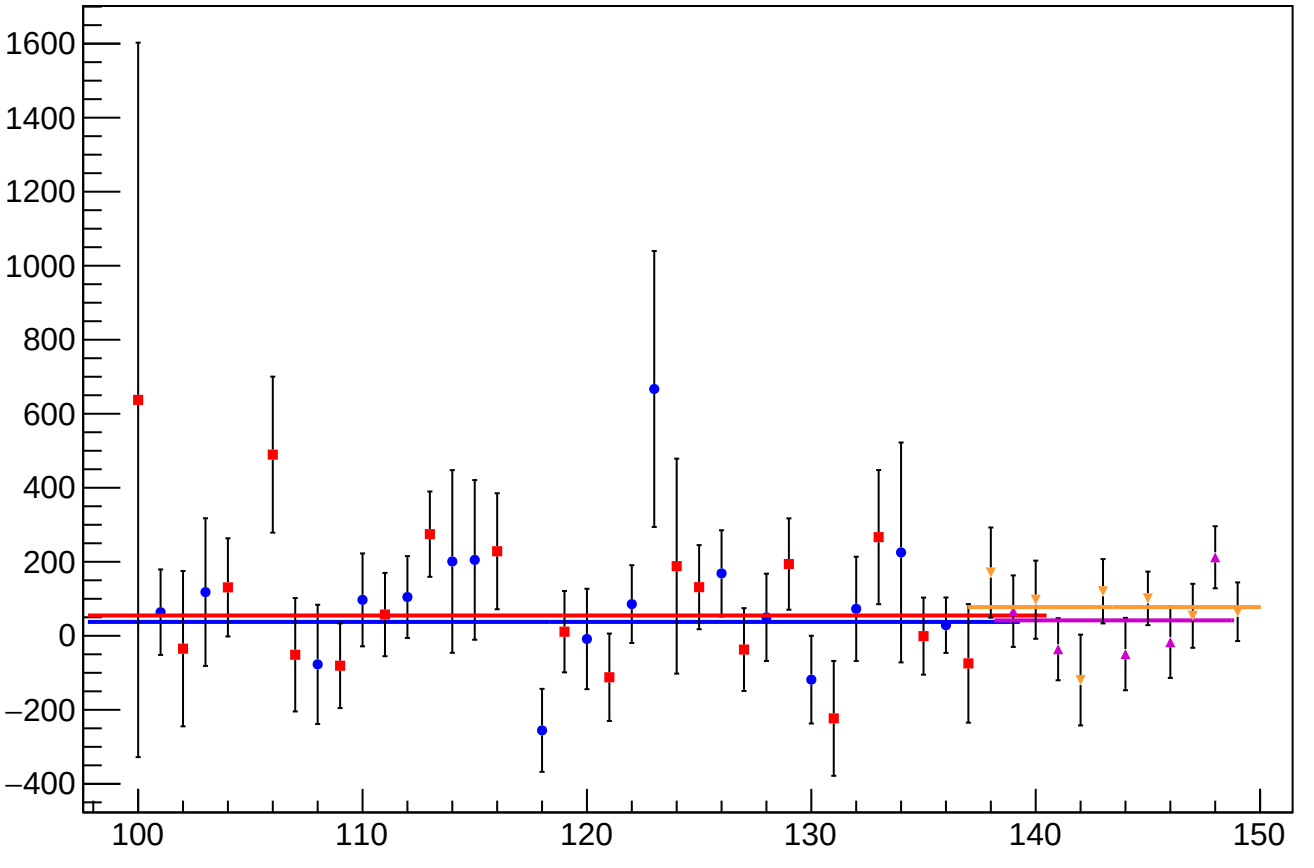
Left: 182.024+/-0.043 χ^2/NDF: 670904.8/11

Right: 378.351+/-0.075 χ^2/NDF: 1624614.1/35

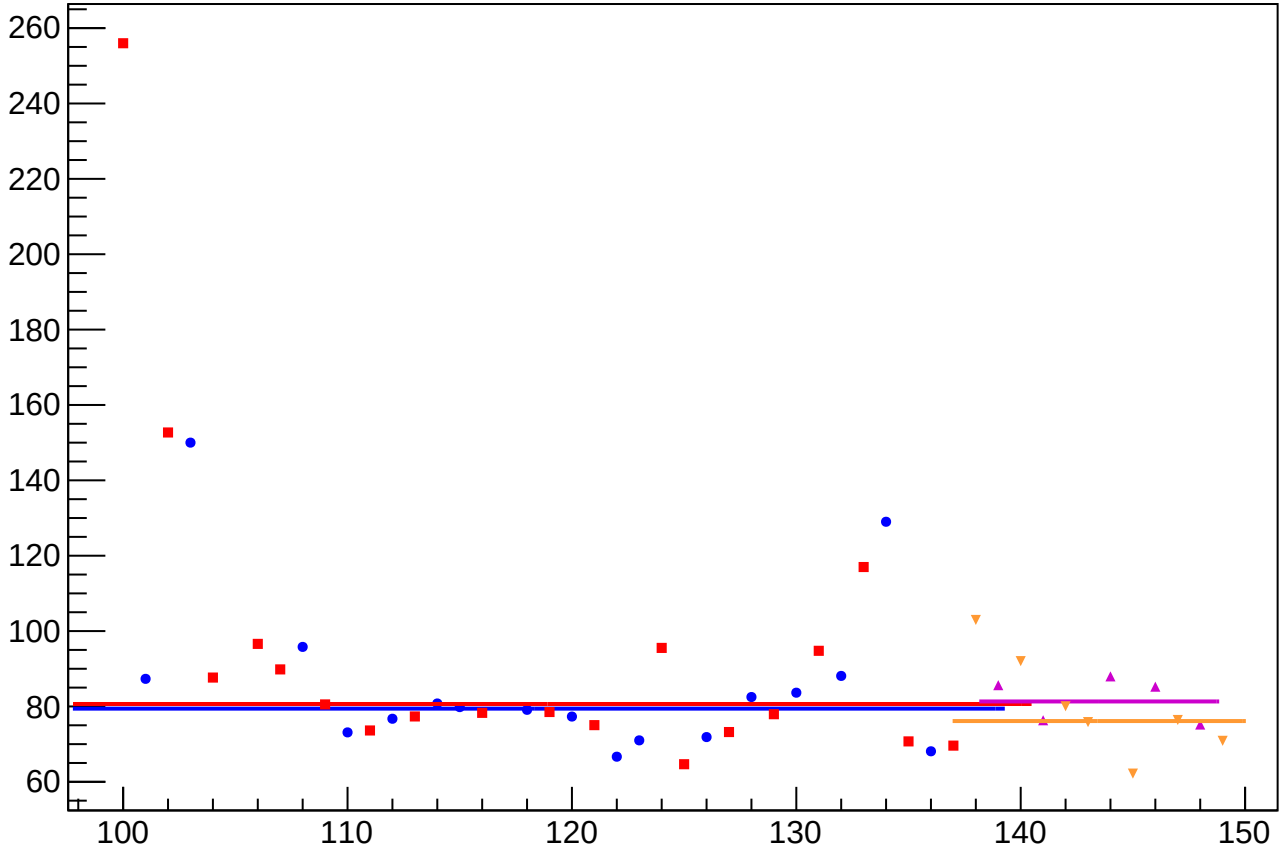
In: 230.801+/-0.055 χ^2/NDF:3557410.5/21

Out: 232.762+/-0.052 χ^2/NDF:3917420.7/25

All: 231.836+/-0.038 χ^2/NDF: 7475511.2/47


dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected
1600
1400
1200
1000
800
600
400
200
0
−200
−400
100
110
120
130
140
150
Right In: 37.535+/-31.460 χ²/NDF: 15.8/16
Left Out: 77.574+/-34.504 χ²/NDF:3.6/6
Right Out: 54.894+/-31.473 χ²/NDF: 22.2/18
Left In: 41.702+/-40.732 χ²/NDF:6.3/4
Left: 62.587+/-26.328 χ²/NDF: 10.4/11
Right: 46.211+/-22.250 χ²/NDF: 38.2/35
In: 39.092+/-24.898 χ²/NDF:22.1/21
Out: 65.194+/-23.253 χ²/NDF:26.0/25
All: 53.034+/-16.994 χ²/NDF: 48.8/47

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF: 439047.1/16

Left Out: 76.123+/-0.024 χ^2/NDF:227274.0/6

Right Out: 80.652+/-0.022 χ^2/NDF: 520439.8/18

Left In: 81.324+/-0.029 χ^2/NDF:34276.4/4

Left: 78.296+/-0.019 χ^2/NDF: 280532.7/11

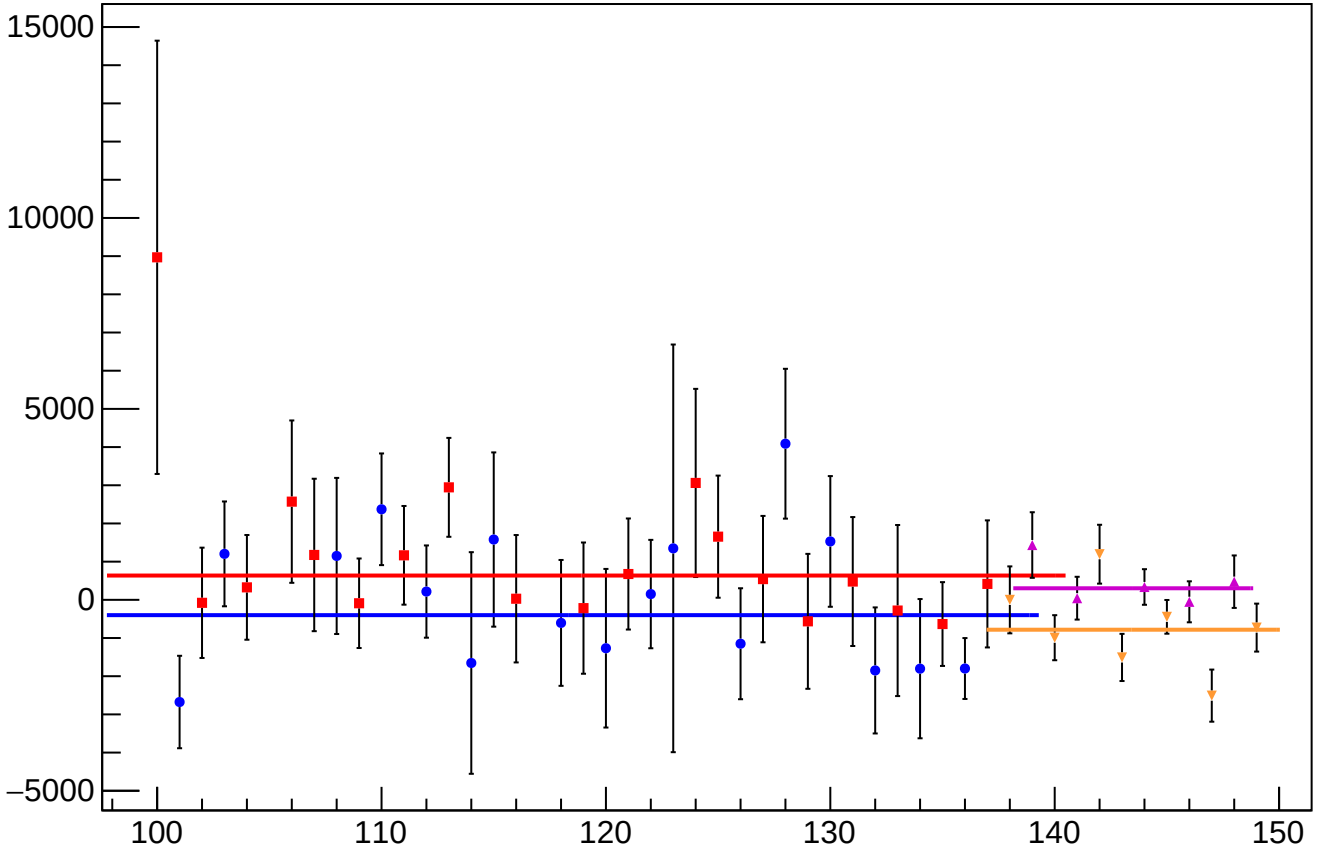
Right: 80.036+/-0.016 χ^2/NDF: 961016.5/35

In: 80.132+/-0.018 χ^2/NDF:476056.7/21

Out: 78.595+/-0.016 χ^2/NDF:766520.1/25

All: 79.311+/-0.012 χ^2/NDF: 1246647.3/47

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF: 21.9/16

Left Out: -782.490+/-233.794 χ^2/NDF:15.9/6

Right Out: 636.133+/-362.923 χ^2/NDF: 10.8/18

Left In: 302.570+/-260.540 χ^2/NDF:2.5/4

Left: -298.496+/-174.008 χ^2/NDF: 27.9/11

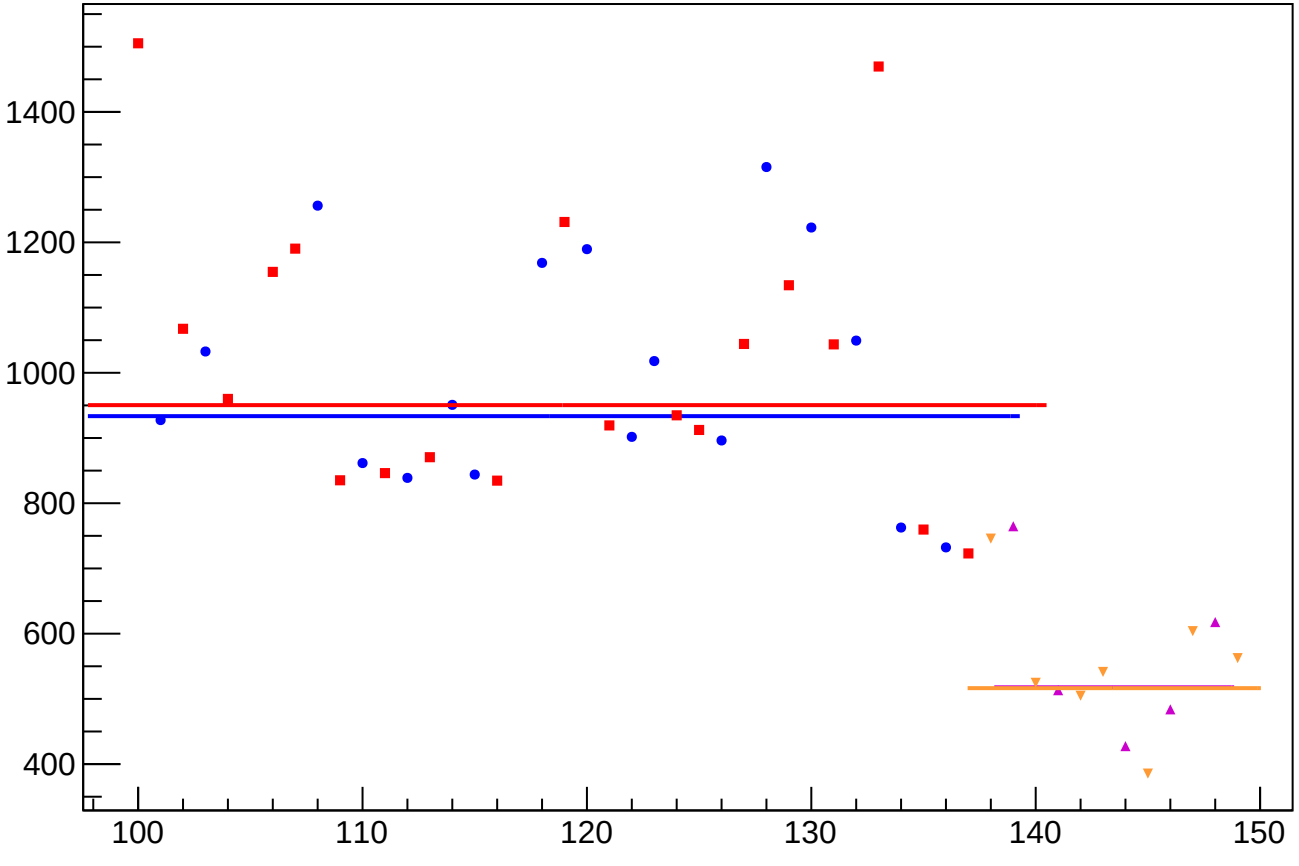
Right: 125.423+/-258.567 χ^2/NDF: 36.8/35

In: 68.048+/-212.734 χ^2/NDF:26.8/21

Out: -366.434+/-196.543 χ^2/NDF:37.5/25

All: -166.355+/-144.362 χ^2/NDF: 66.6/47

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF: 442321.9/16

Left Out: 516.453+/-0.165 χ^2/NDF:360552.3/6

Right Out: 950.411+/-0.257 χ^2/NDF: 424360.9/18

Left In: 517.765+/-0.184 χ^2/NDF:290686.0/4

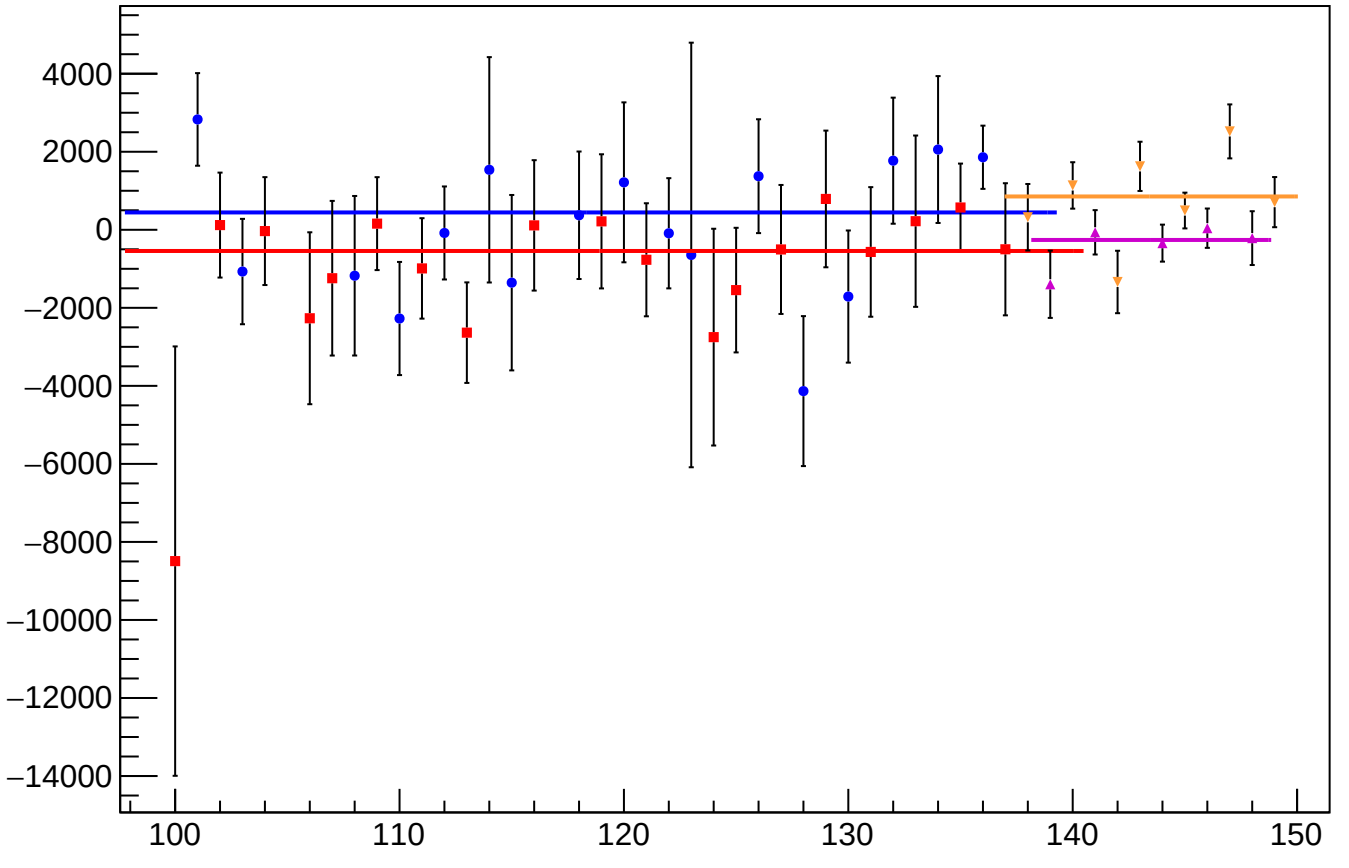
Left: 517.038+/-0.123 χ^2/NDF: 651266.4/11

Right: 942.099+/-0.183 χ^2/NDF: 868813.4/35

In: 656.344+/-0.150 χ^2/NDF:2430557.6/21

Out: 643.725+/-0.139 χ^2/NDF:2805804.3/25

All: 649.536+/-0.102 χ^2/NDF: 5240158.2/47



Right In: 444.669+/-367.099 χ^2/NDF: 22.9/16

Left Out: 854.064+/-238.748 χ^2/NDF:16.1/6

Right Out: -543.026+/-363.317 χ^2/NDF: 9.4/18

Left In: -260.579+/-258.833 χ^2/NDF:2.2/4

Left: 341.661+/-175.492 χ^2/NDF: 28.4/11

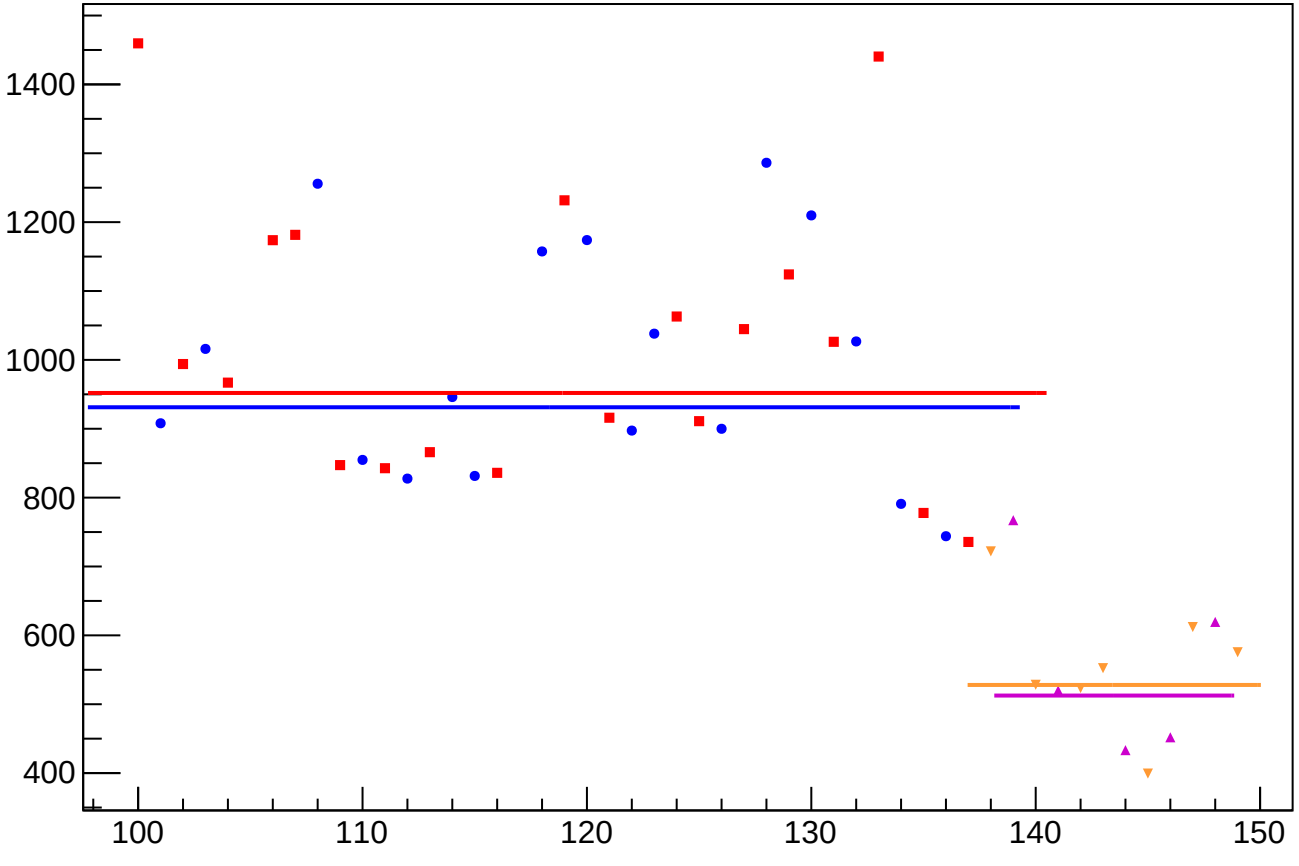
Right: -54.292+/-258.231 χ^2/NDF: 36.0/35

In: -26.396+/-211.538 χ^2/NDF:27.6/21

Out: 432.714+/-199.524 χ^2/NDF:35.8/25

All: 216.566+/-145.146 χ^2/NDF: 65.9/47

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF: 400242.2/16

Left Out: 527.988+/-0.169 χ^2/NDF:304663.9/6

Right Out: 951.963+/-0.257 χ^2/NDF: 382648.6/18

Left In: 512.590+/-0.183 χ^2/NDF:307861.5/4

Left: 520.910+/-0.124 χ^2/NDF: 616349.8/11

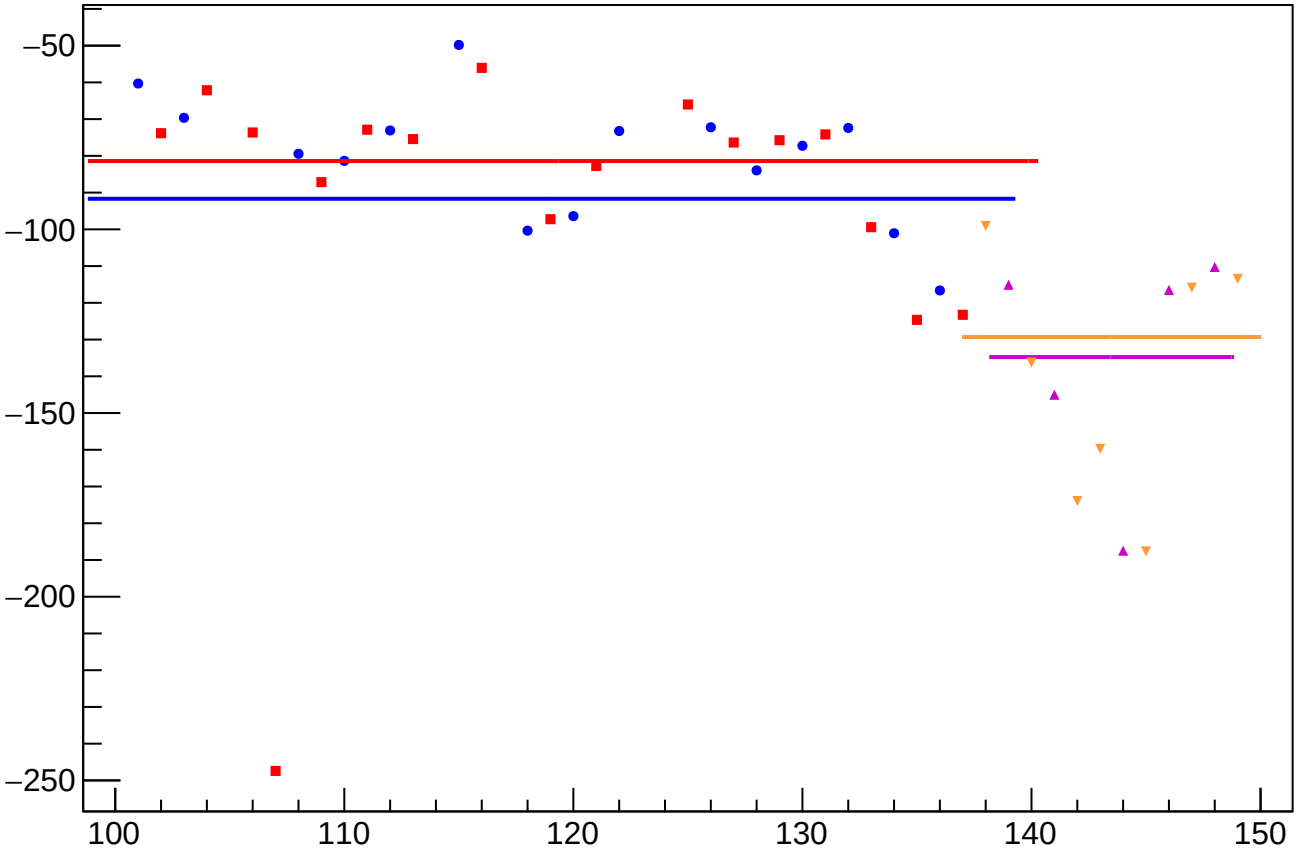
Right: 941.690+/-0.183 χ^2/NDF: 786122.1/35

In: 651.593+/-0.150 χ^2/NDF:2445216.1/21

Out: 655.855+/-0.141 χ^2/NDF:2589475.4/25

All: 653.849+/-0.103 χ^2/NDF: 5035121.1/47

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF: 64621.9/14

Left Out: -129.300+/-0.166 χ^2/NDF:16225.9/6

Right Out: -81.406+/-0.098 χ^2/NDF: 41708.8/16

Left In: -134.764+/-0.128 χ^2/NDF:25163.6/4

Left: -132.732+/-0.101 χ^2/NDF: 42072.2/11

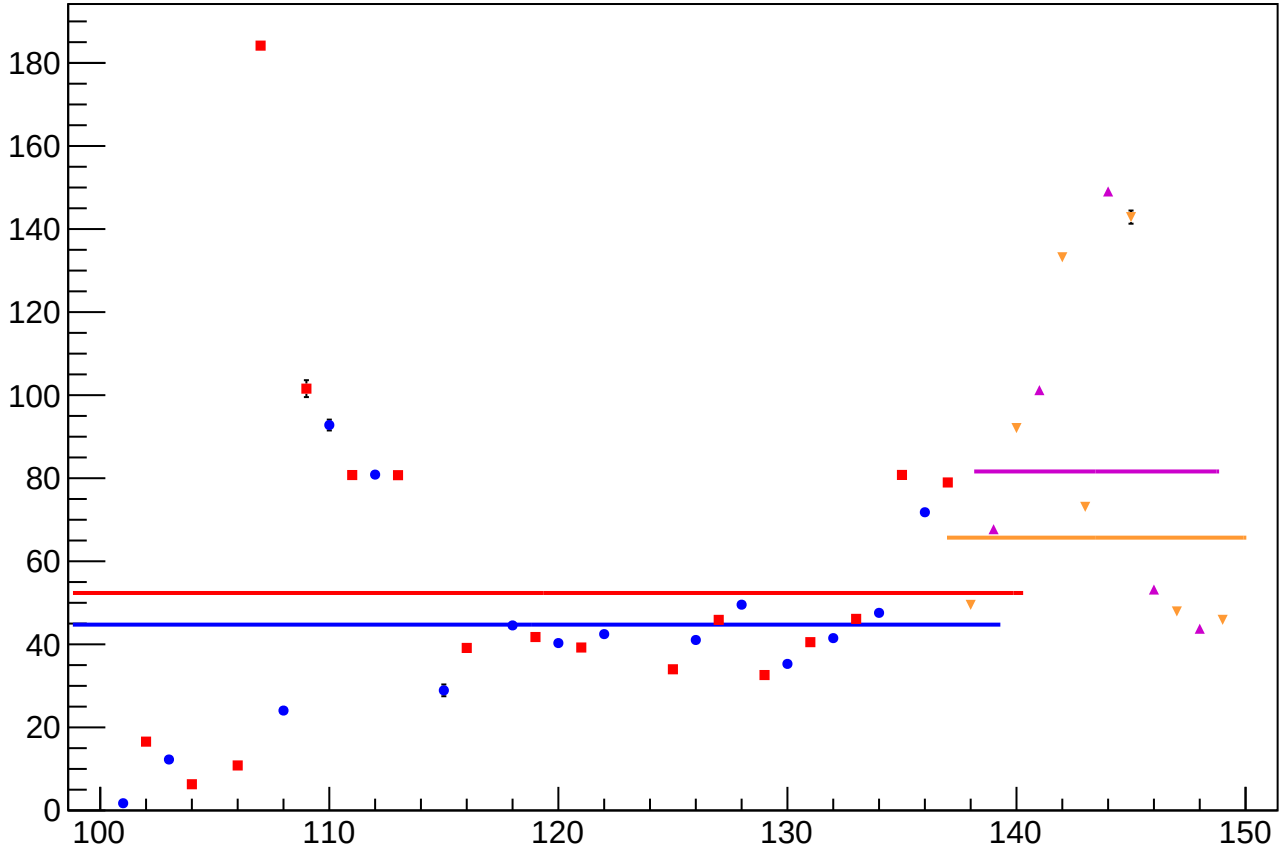
Right: -88.221+/-0.057 χ^2/NDF: 113551.1/31

In: -101.681+/-0.061 χ^2/NDF:177395.5/19

Out: -93.902+/-0.085 χ^2/NDF:119659.9/23

All: -98.996+/-0.050 χ^2/NDF: 302585.3/43

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF: 84697.9/14

Left Out: 65.692+/-0.156 χ^2/NDF:30973.1/6

Right Out: 52.367+/-0.113 χ^2/NDF: 69285.2/16

Left In: 81.626+/-0.126 χ^2/NDF:53695.1/4

Left: 75.374+/-0.098 χ^2/NDF: 90986.3/11

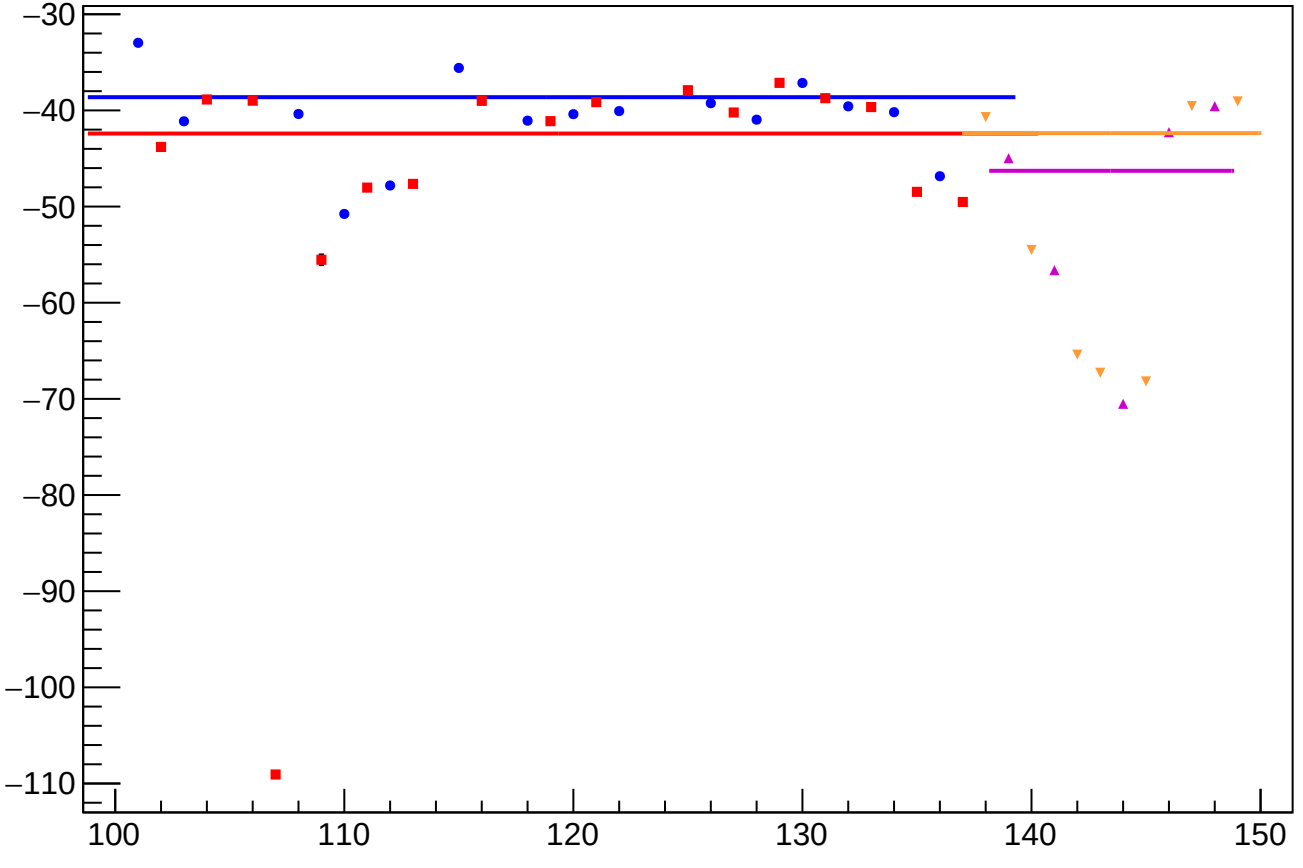
Right: 46.456+/-0.053 χ^2/NDF: 157538.4/31

In: 51.706+/-0.055 χ^2/NDF:208372.5/19

Out: 56.919+/-0.091 χ^2/NDF:105045.9/23

All: 53.077+/-0.047 χ^2/NDF: 315819.7/43

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF: 240108.7/14

Left Out: -42.365+/-0.020 χ^2/NDF:173144.4/6

Right Out: -42.406+/-0.021 χ^2/NDF: 269138.5/16

Left In: -46.281+/-0.028 χ^2/NDF:95223.5/4

Left: -43.670+/-0.016 χ^2/NDF: 281256.7/11

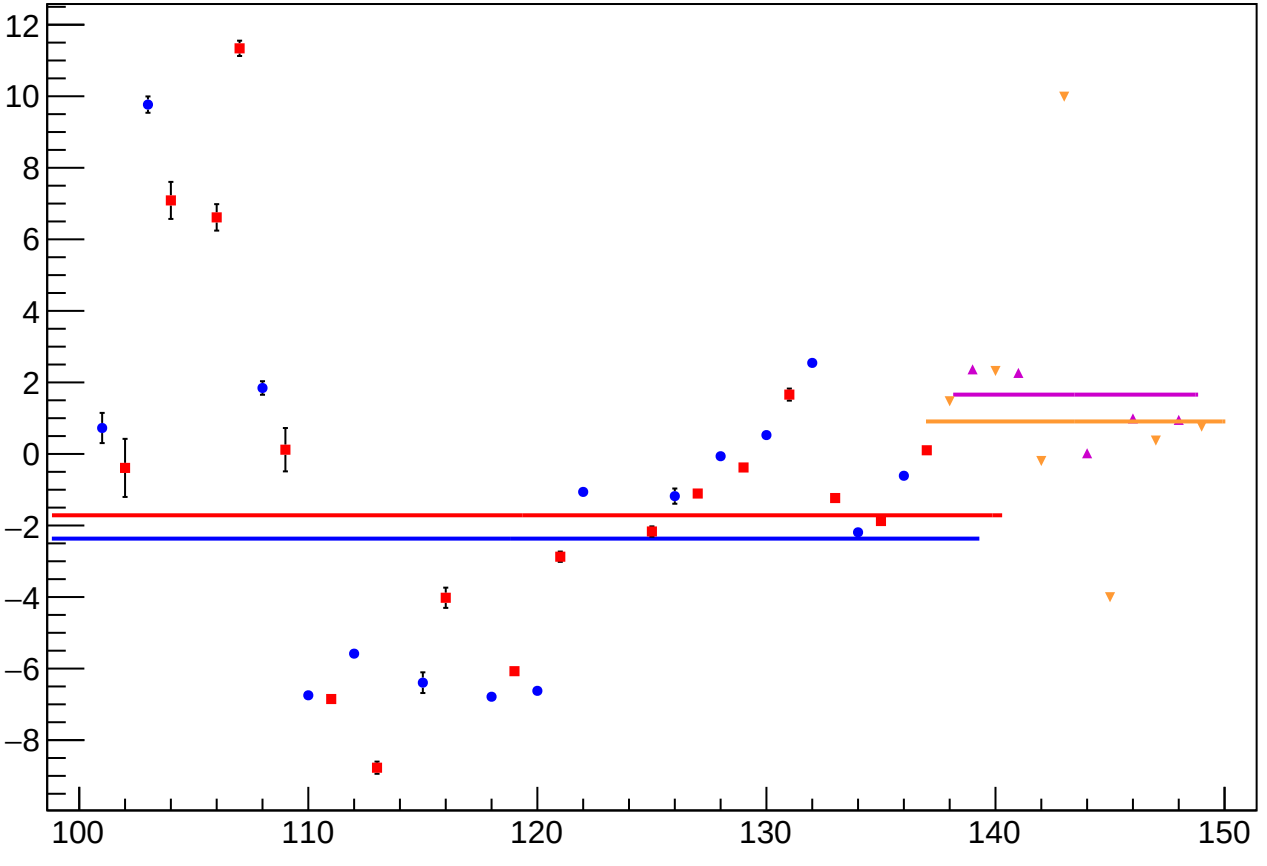
Right: -39.121+/-0.008 χ^2/NDF: 536660.1/31

In: -39.233+/-0.008 χ^2/NDF:403342.3/19

Out: -42.384+/-0.015 χ^2/NDF:442285.0/23

All: -39.955+/-0.007 χ^2/NDF: 881815.9/43

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367+/-0.014 χ^2/NDF: 28797.3/14

Left Out: 0.909+/-0.017 χ^2/NDF:10113.3/6

Right Out: -1.715+/-0.027 χ^2/NDF: 12719.3/16

Left In: 1.659+/-0.016 χ^2/NDF:1999.3/4

Left: 1.307+/-0.012 χ^2/NDF: 13122.5/11

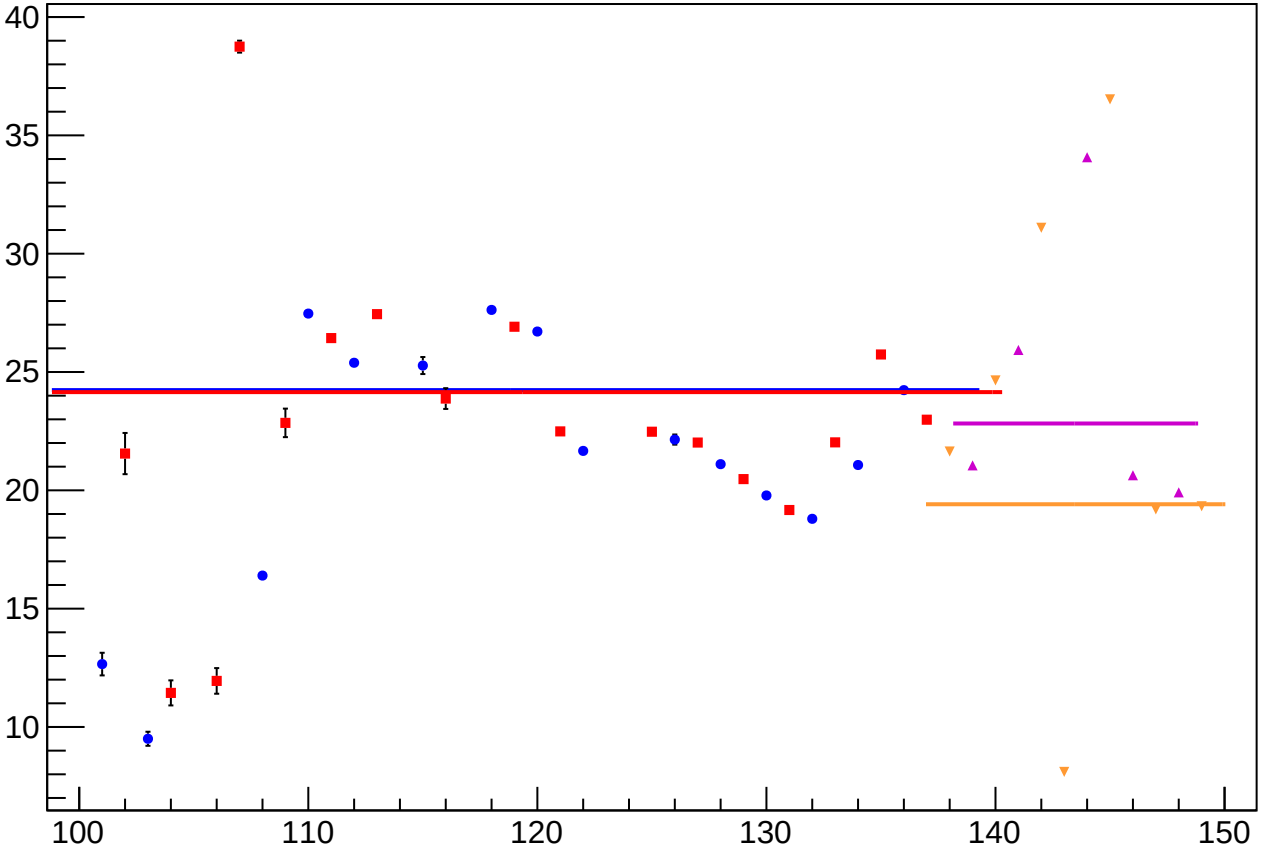
Right: -2.227+/-0.012 χ^2/NDF: 41975.5/31

In: -0.629+/-0.011 χ^2/NDF:66109.5/19

Out: 0.150+/-0.015 χ^2/NDF:29549.0/23

All: -0.358+/-0.009 χ^2/NDF: 97539.1/43

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF: 21896.9/14

Left Out: 19.412+/-0.023 χ^2/NDF:38001.7/6

Right Out: 24.150+/-0.024 χ^2/NDF: 13222.6/16

Left In: 22.824+/-0.025 χ^2/NDF:18402.5/4

Left: 20.981+/-0.017 χ^2/NDF: 66358.7/11

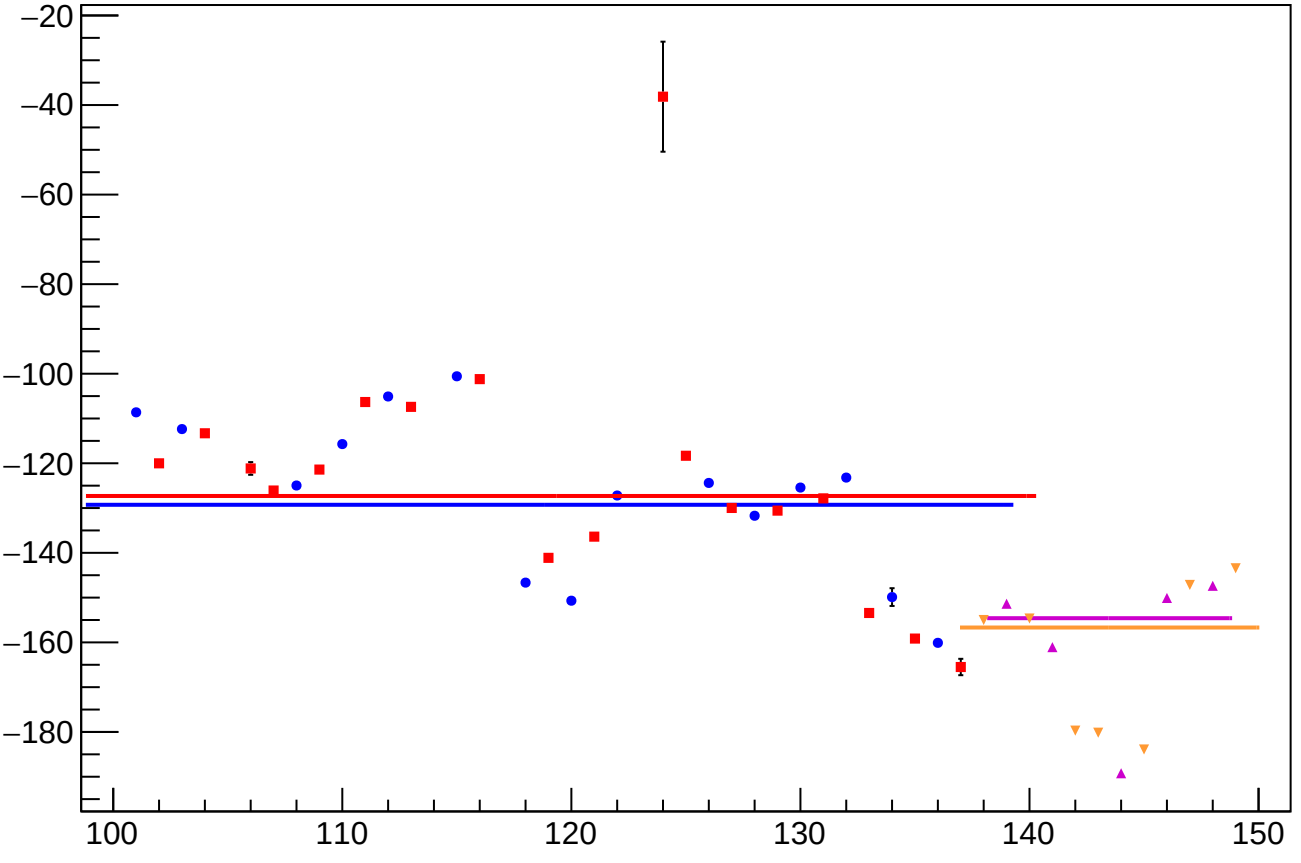
Right: 24.197+/-0.016 χ^2/NDF: 35126.2/31

In: 23.623+/-0.017 χ^2/NDF:42081.2/19

Out: 21.664+/-0.017 χ^2/NDF:71059.7/23

All: 22.657+/-0.012 χ^2/NDF: 120034.4/43

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF: 35109.7/14

Left Out: -156.679+/-0.101 χ^2/NDF:19345.5/6

Right Out: -127.303+/-0.084 χ^2/NDF: 29597.3/17

Left In: -154.595+/-0.097 χ^2/NDF:13315.2/4

Left: -155.594+/-0.070 χ^2/NDF: 32880.7/11

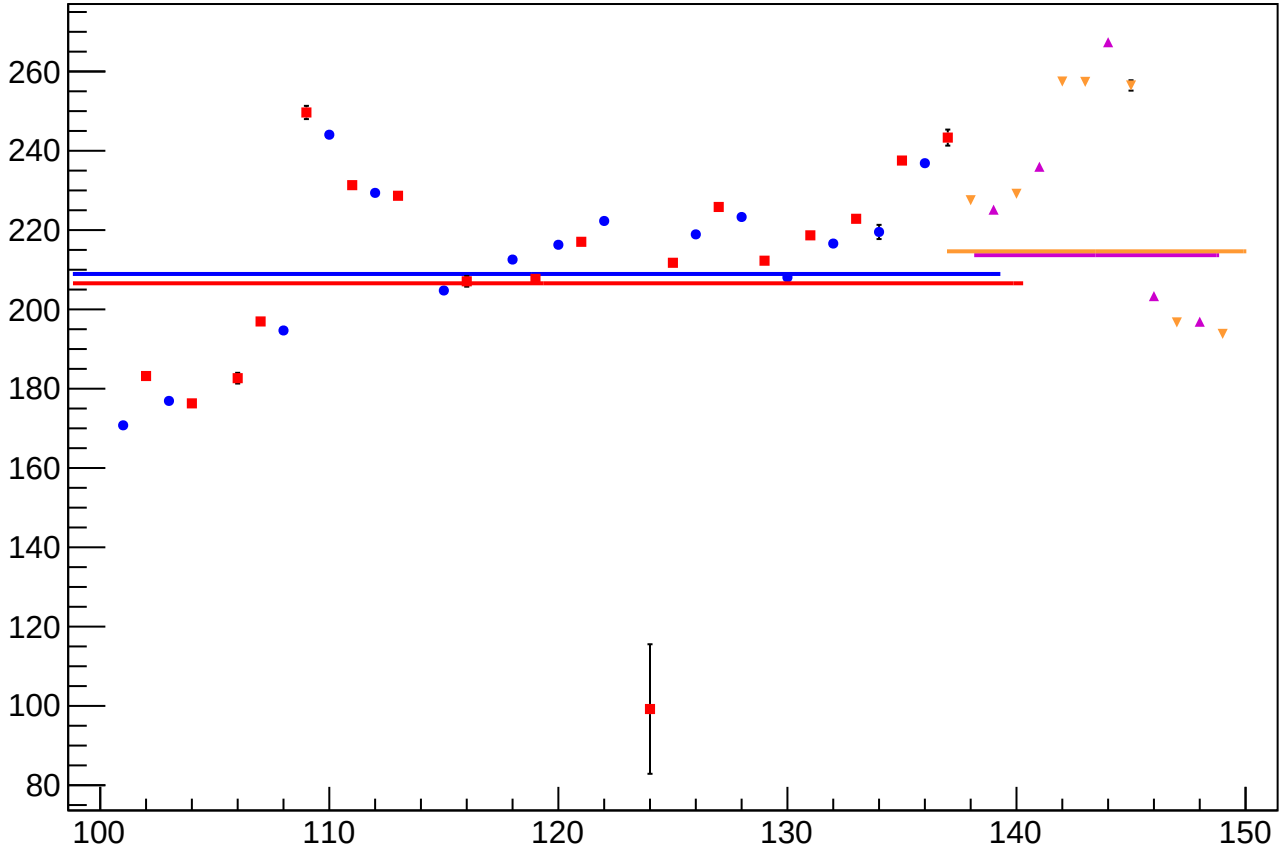
Right: -128.248+/-0.061 χ^2/NDF: 64968.8/32

In: -140.638+/-0.065 χ^2/NDF:85782.0/19

Out: -139.309+/-0.065 χ^2/NDF:98554.8/24

All: -139.970+/-0.046 χ^2/NDF: 184545.7/44

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF: 44684.8/14

Left Out: 214.644+/-0.090 χ^2/NDF:75685.1/6

Right Out: 206.581+/-0.083 χ^2/NDF: 48210.8/17

Left In: 213.677+/-0.091 χ^2/NDF:48827.4/4

Left: 214.165+/-0.064 χ^2/NDF: 124569.3/11

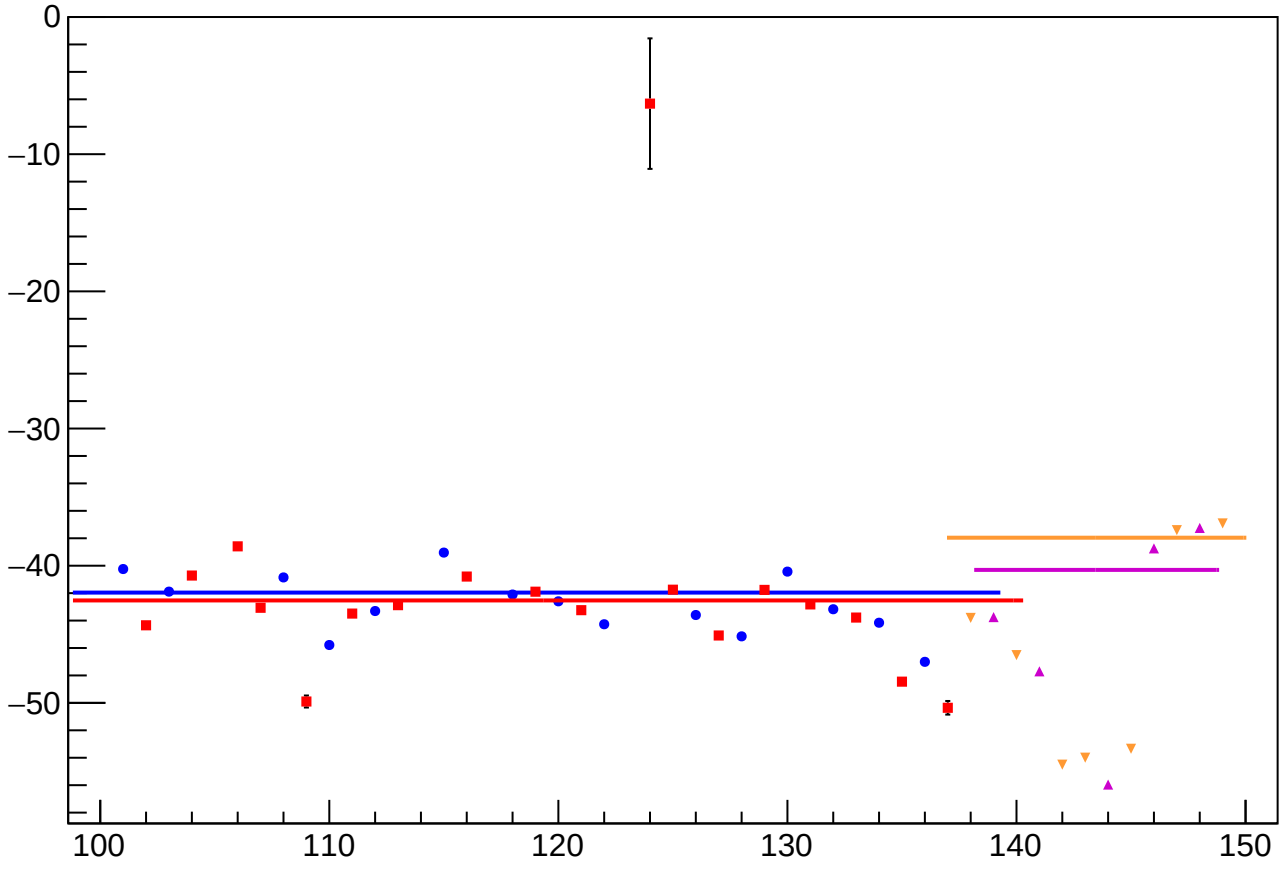
Right: 207.675+/-0.061 χ^2/NDF: 93267.6/32

In: 211.254+/-0.064 χ^2/NDF:94894.9/19

Out: 210.284+/-0.061 χ^2/NDF:128211.0/24

All: 210.749+/-0.044 χ^2/NDF: 223226.3/44

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF: 24229.7/14

Left Out: -37.959+/-0.007 χ^2/NDF:205437.2/6

Right Out: -42.532+/-0.021 χ^2/NDF: 6137.0/17

Left In: -40.306+/-0.014 χ^2/NDF:91961.3/4

Left: -38.475+/-0.006 χ^2/NDF: 320052.5/11

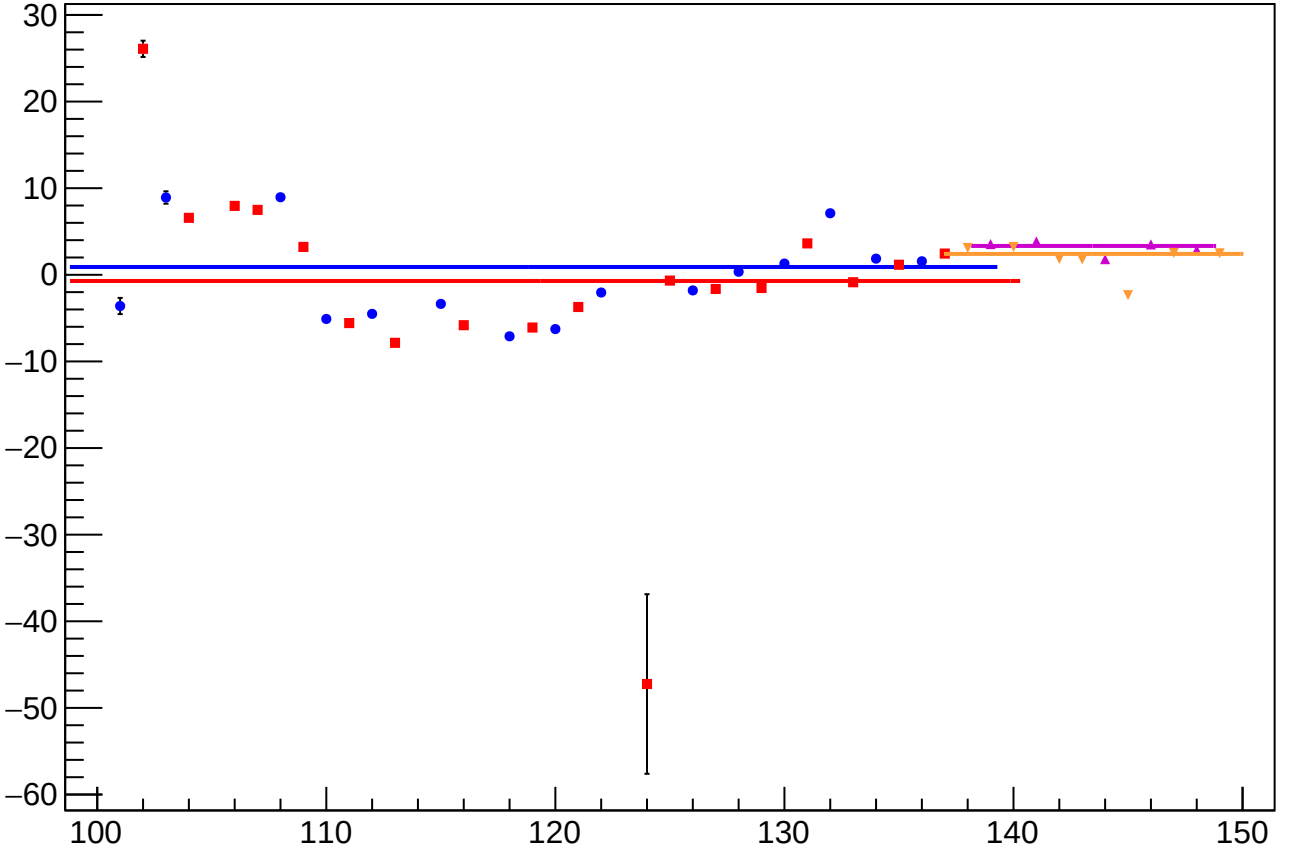
Right: -42.168+/-0.012 χ^2/NDF: 30855.6/32

In: -41.030+/-0.010 χ^2/NDF:122505.6/19

Out: -38.468+/-0.007 χ^2/NDF:255138.7/24

All: -39.258+/-0.006 χ^2/NDF: 420189.4/44

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903+/-0.020 χ^2/NDF: 21140.4/14

Left Out: 2.412+/-0.015 χ^2/NDF:5120.9/6

Right Out: -0.711+/-0.024 χ^2/NDF: 30723.8/17

Left In: 3.333+/-0.016 χ^2/NDF:1260.1/4

Left: 2.846+/-0.011 χ^2/NDF: 8170.1/11

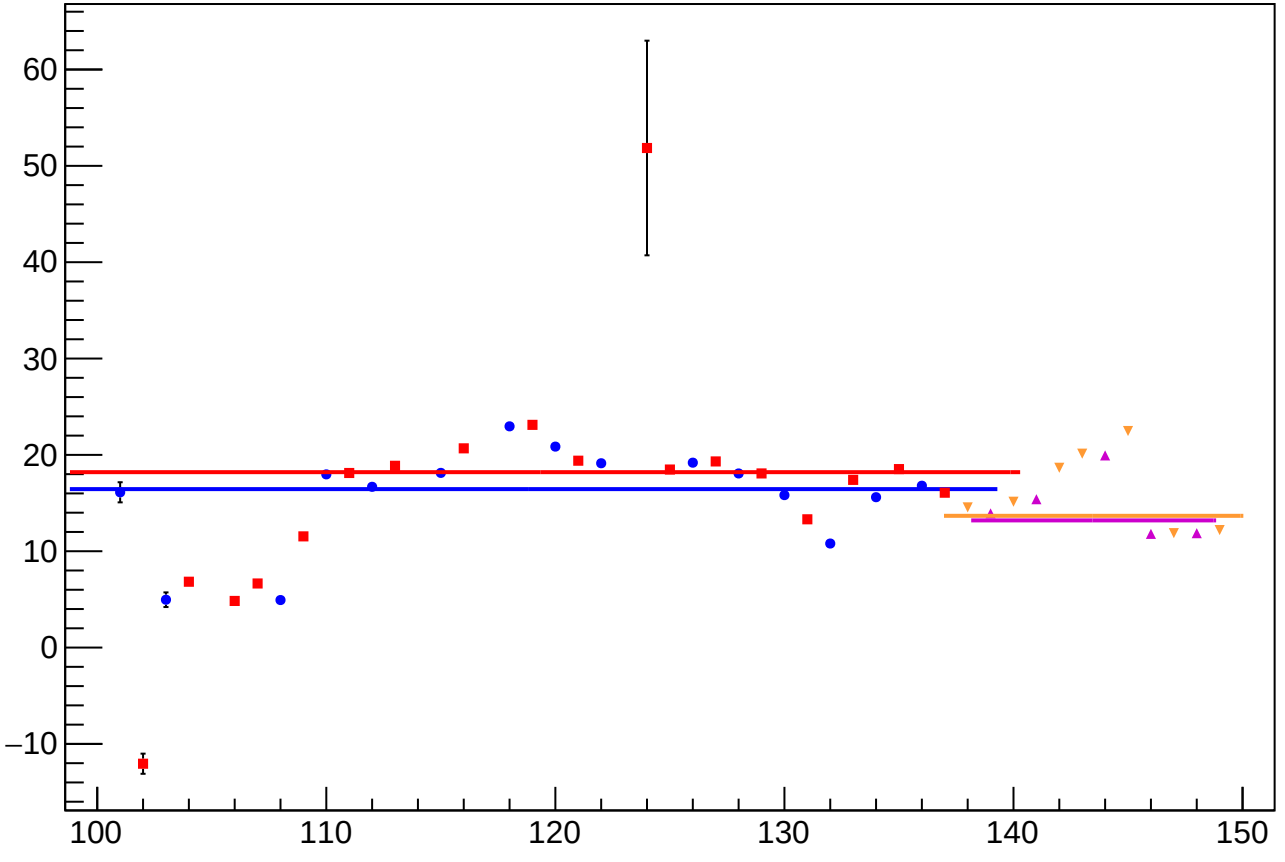
Right: 0.250+/-0.015 χ^2/NDF: 54492.0/32

In: 2.399+/-0.012 χ^2/NDF:31446.2/19

Out: 1.553+/-0.013 χ^2/NDF:47819.2/24

All: 1.986+/-0.009 χ^2/NDF: 81522.0/44

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447+/-0.024 χ^2/NDF: 14183.1/14

Left Out: 13.676+/-0.015 χ^2/NDF:37662.6/6

Right Out: 18.207+/-0.020 χ^2/NDF: 27493.7/17

Left In: 13.200+/-0.019 χ^2/NDF:11557.9/4

Left: 13.492+/-0.012 χ^2/NDF: 49621.2/11

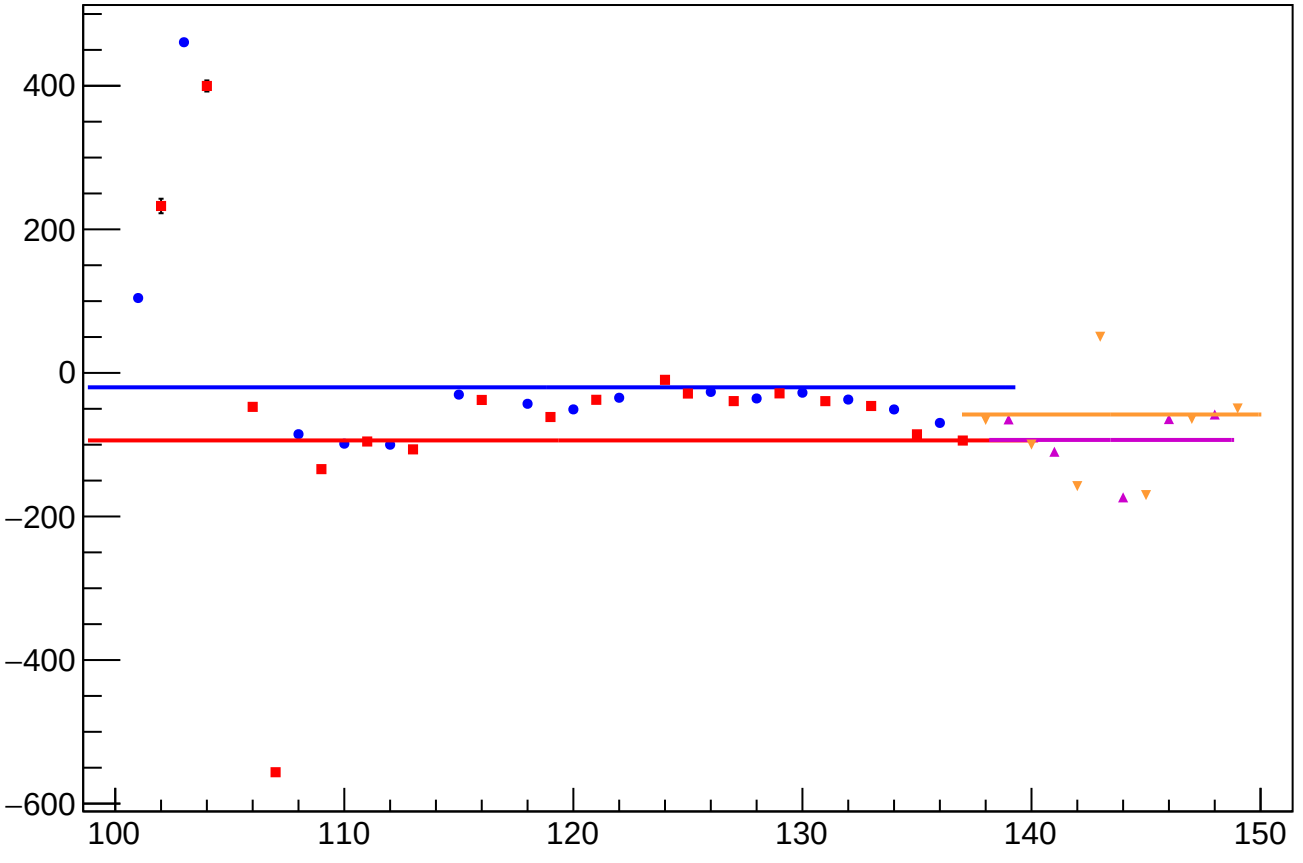
Right: 17.482+/-0.016 χ^2/NDF: 44731.9/32

In: 14.396+/-0.015 χ^2/NDF:36923.6/19

Out: 15.232+/-0.012 χ^2/NDF:97447.1/24

All: 14.902+/-0.009 χ^2/NDF: 136296.6/44

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF: 441461.8/14

Left Out: -57.916+/-0.203 χ^2/NDF:43472.5/6

Right Out: -94.050+/-0.012 χ^2/NDF: 87487.7/17

Left In: -93.372+/-0.262 χ^2/NDF:23505.6/4

Left: -71.157+/-0.160 χ^2/NDF: 78413.8/11

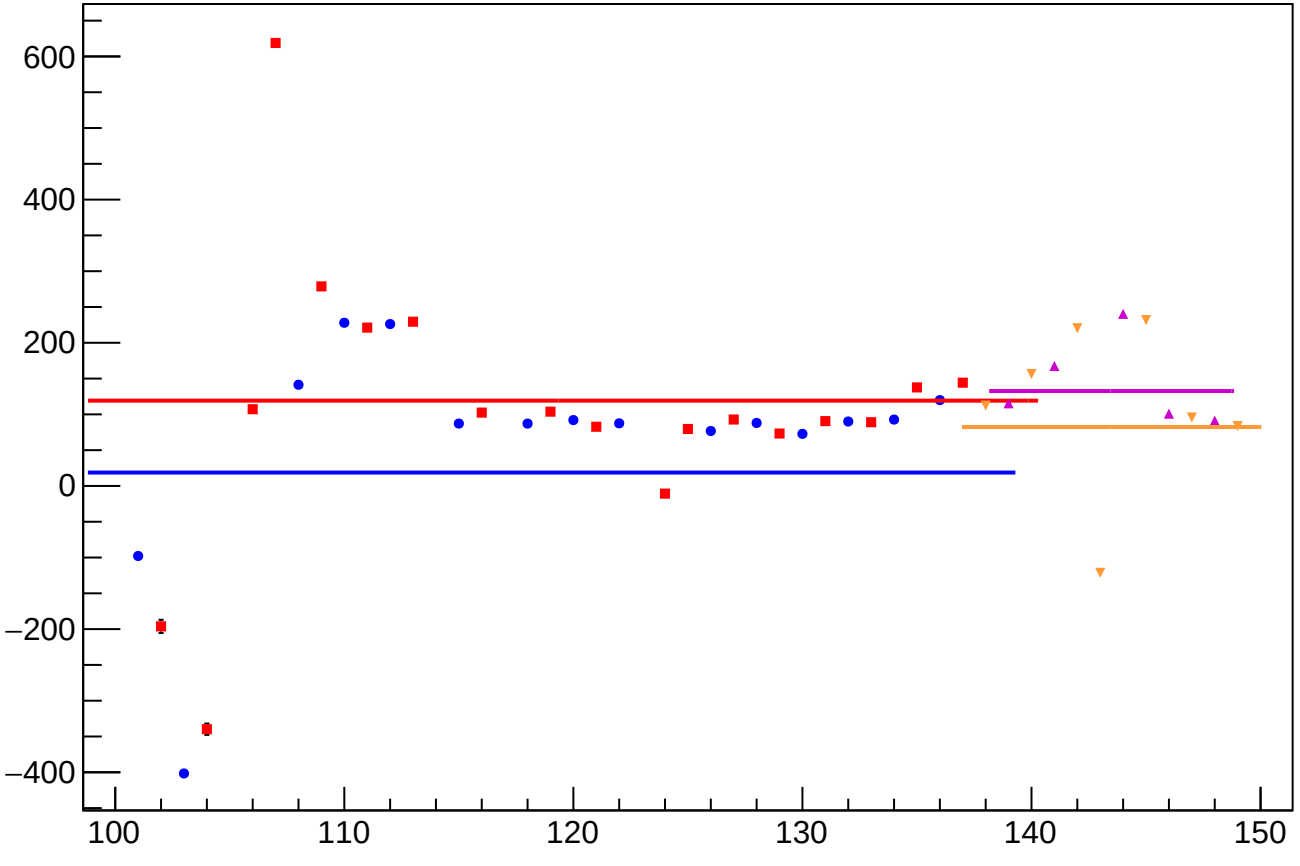
Right: -93.566+/-0.012 χ^2/NDF: 760844.5/32

In: -38.683+/-0.132 χ^2/NDF:523182.4/19

Out: -93.915+/-0.012 χ^2/NDF:162645.5/24

All: -93.433+/-0.012 χ^2/NDF: 858664.7/44

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF: 1101803.8/14

Left Out: 82.324+/-0.187 χ^2/NDF:161474.6/6

Right Out: 119.167+/-0.199 χ^2/NDF: 87450.0/17

Left In: 132.589+/-0.244 χ^2/NDF:37349.0/4

Left: 100.911+/-0.149 χ^2/NDF: 225523.7/11

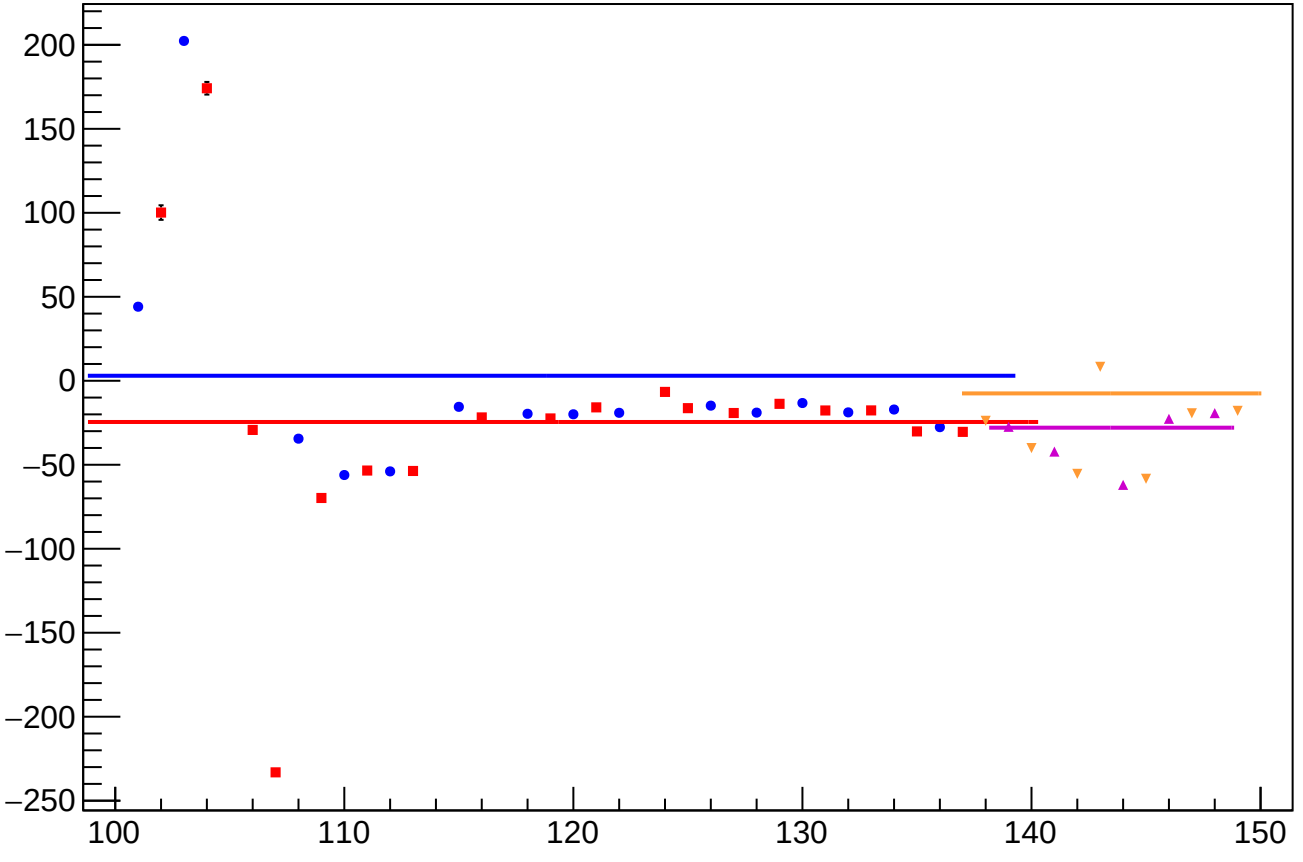
Right: 55.701+/-0.121 χ^2/NDF: 1349806.5/32

In: 50.547+/-0.129 χ^2/NDF:1295786.5/19

Out: 99.584+/-0.136 χ^2/NDF:267098.0/24

All: 73.720+/-0.094 χ^2/NDF: 1631074.0/44

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF: 3496745.8/14

Left Out: -7.520+/-0.026 χ^2/NDF:370946.1/6

Right Out: -24.533+/-0.044 χ^2/NDF: 176488.8/17

Left In: -27.928+/-0.040 χ^2/NDF:83861.3/4

Left: -13.610+/-0.022 χ^2/NDF: 636524.8/11

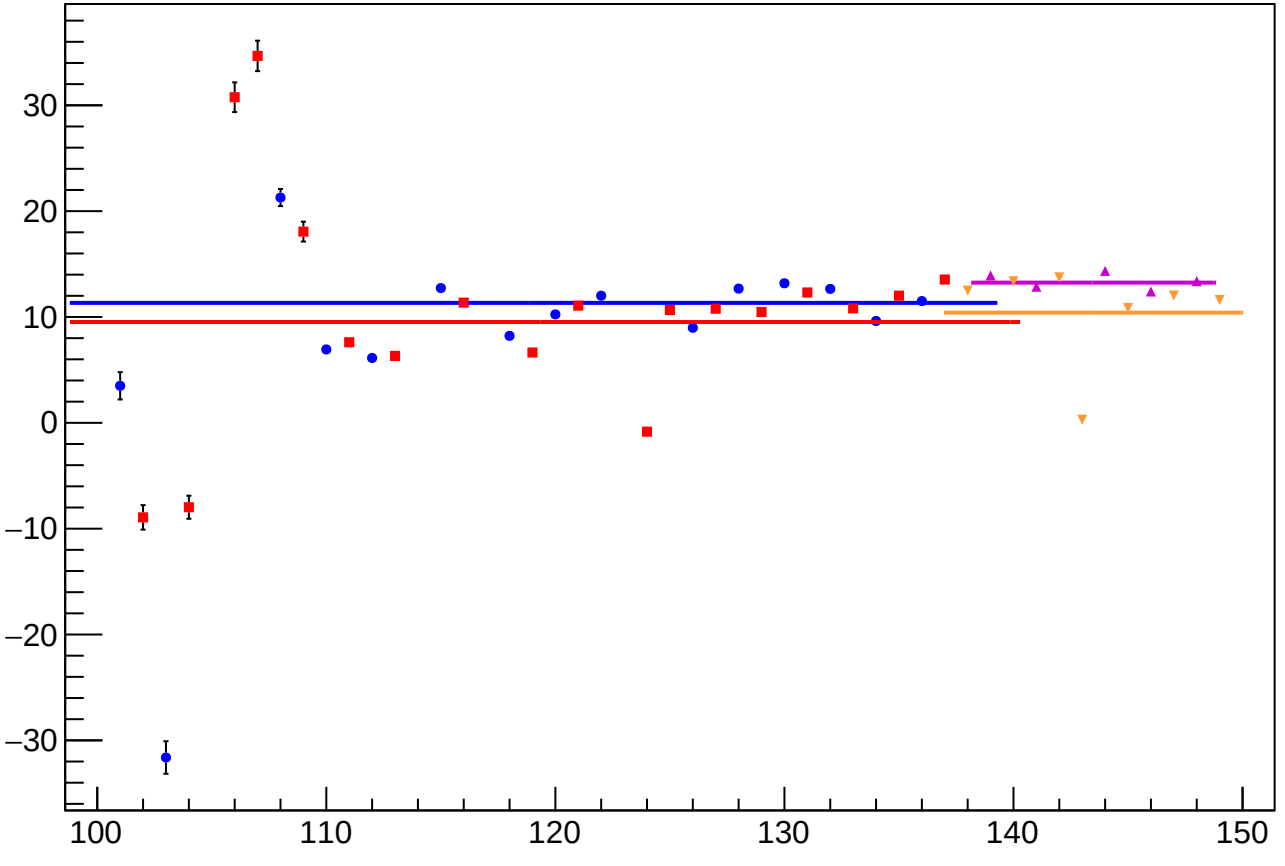
Right: -4.585+/-0.023 χ^2/NDF: 3961708.4/32

In: -6.598+/-0.022 χ^2/NDF:3990744.4/19

Out: -12.018+/-0.022 χ^2/NDF:659308.8/24

All: -9.296+/-0.016 χ^2/NDF: 4679376.0/44

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF: 2406.0/14

Left Out: 10.413+/-0.029 χ^2/NDF:24782.9/6

Right Out: 9.524+/-0.048 χ^2/NDF: 4066.9/17

Left In: 13.248+/-0.032 χ^2/NDF:376.8/4

Left: 11.714+/-0.021 χ^2/NDF: 29500.6/11

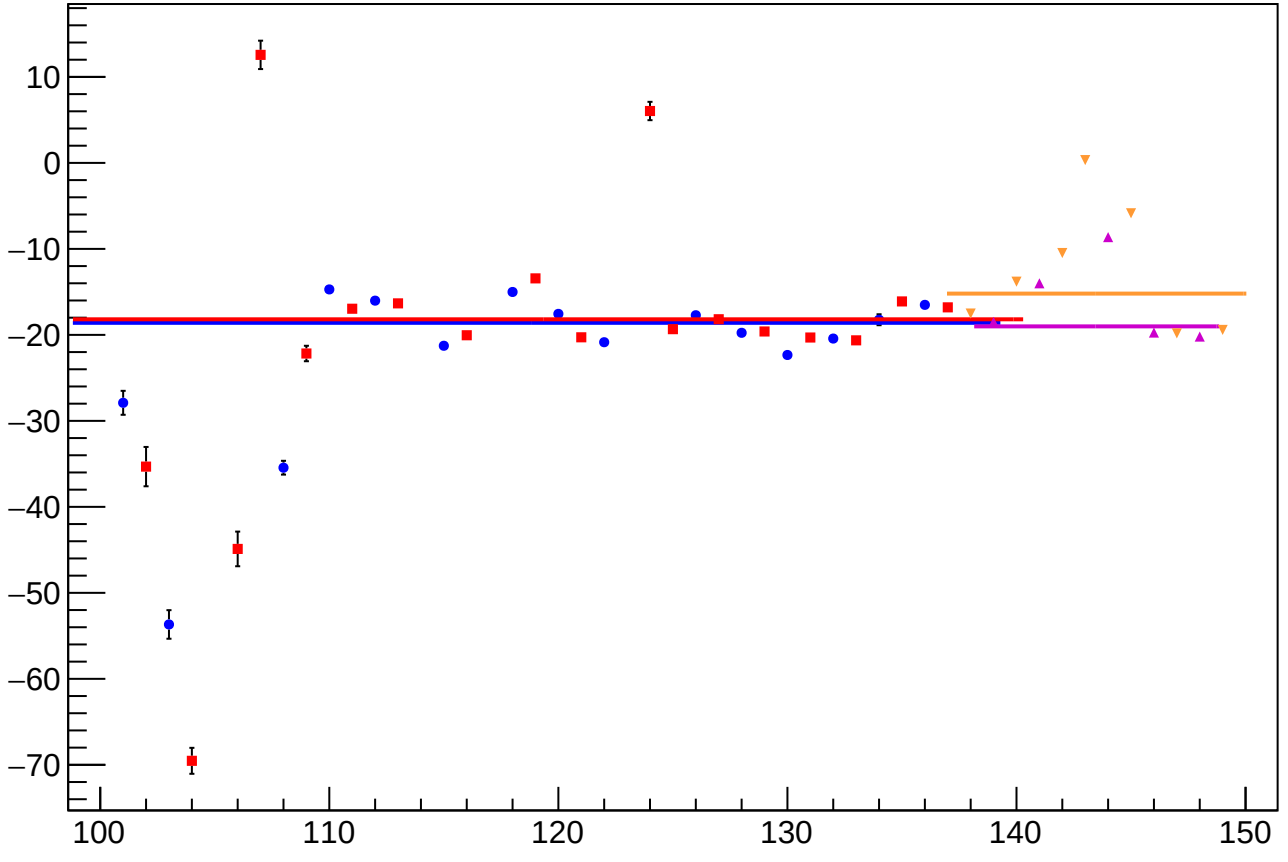
Right: 10.651+/-0.029 χ^2/NDF: 7358.3/32

In: 12.448+/-0.024 χ^2/NDF:4309.6/19

Out: 10.174+/-0.025 χ^2/NDF:29100.6/24

All: 11.346+/-0.017 χ^2/NDF: 37708.1/44

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597+/-0.037 χ^2/NDF: 6189.1/14

Left Out: -15.200+/-0.034 χ^2/NDF:36334.3/6

Right Out: -18.189+/-0.049 χ^2/NDF: 4881.1/17

Left In: -19.011+/-0.032 χ^2/NDF:5863.4/4

Left: -17.211+/-0.023 χ^2/NDF: 48810.1/11

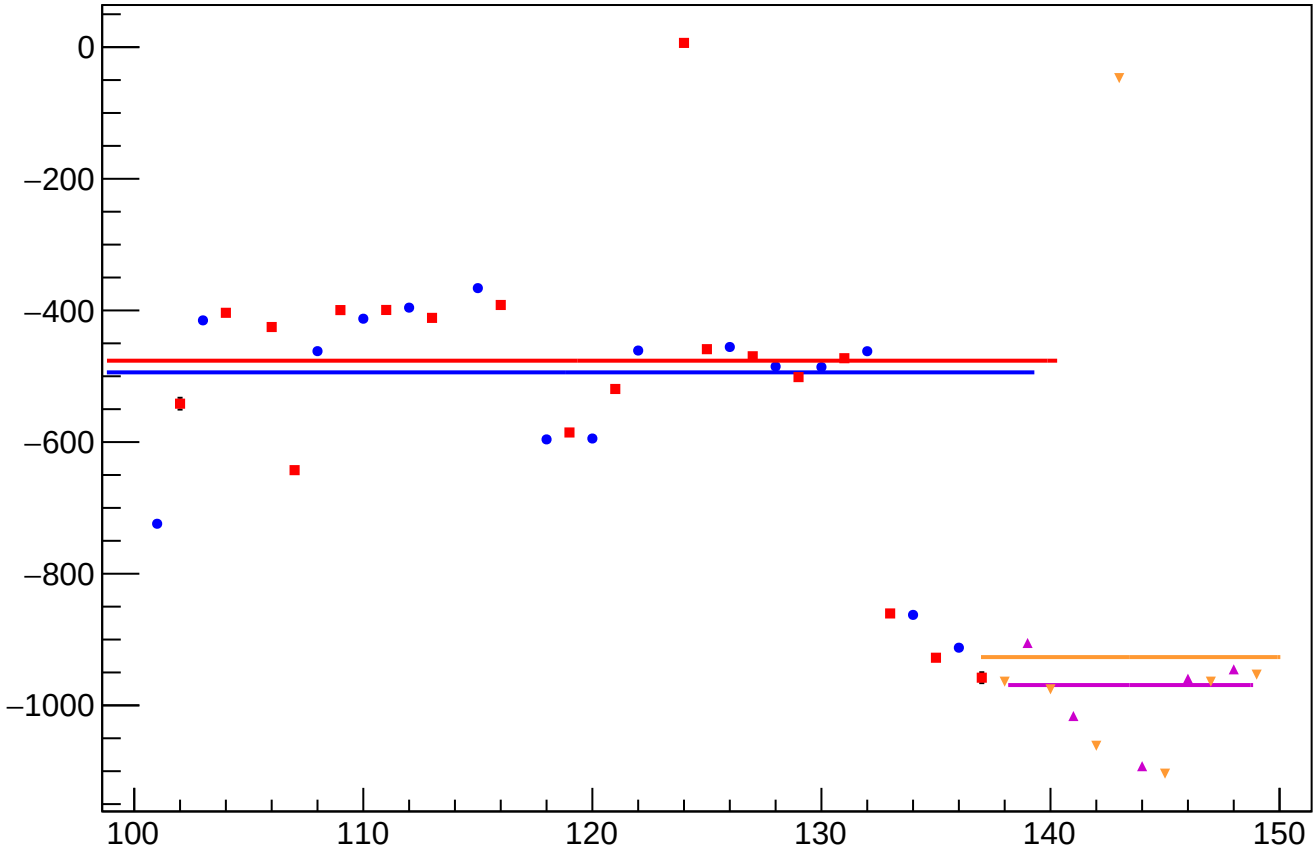
Right: -18.450+/-0.030 χ^2/NDF: 11113.5/32

In: -18.834+/-0.024 χ^2/NDF:12123.6/19

Out: -16.161+/-0.028 χ^2/NDF:43694.0/24

All: -17.685+/-0.018 χ^2/NDF: 60995.4/44

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081+/-0.232 χ^2/NDF: 325996.5/14

Left Out: -926.660+/-0.383 χ^2/NDF:295340.2/6

Right Out: -476.348+/-0.185 χ^2/NDF: 594116.3/17

Left In: -969.138+/-0.426 χ^2/NDF:15365.5/4

Left: -945.598+/-0.285 χ^2/NDF: 316203.2/11

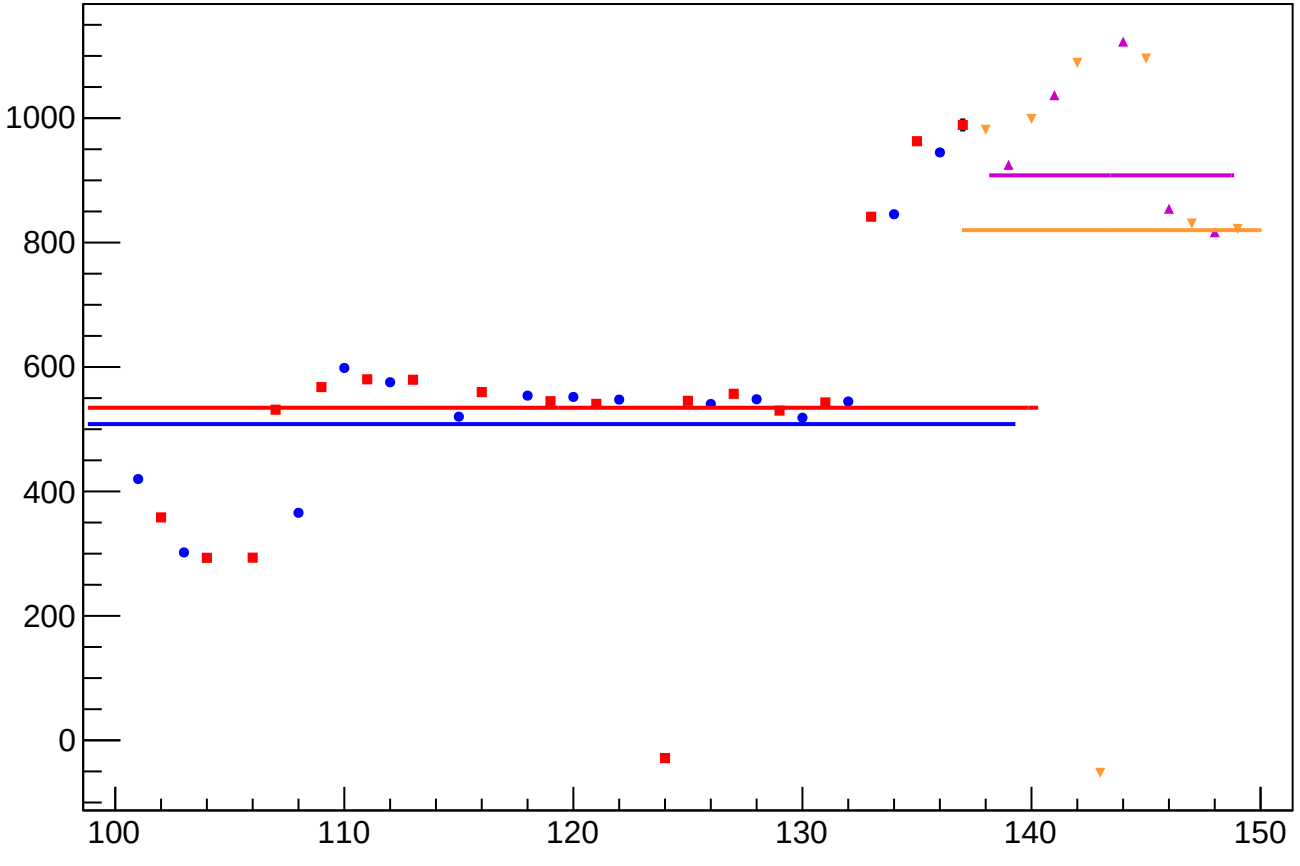
Right: -483.243+/-0.145 χ^2/NDF: 923680.3/32

In: -602.631+/-0.204 χ^2/NDF:1298629.4/19

Out: -561.803+/-0.167 χ^2/NDF:2012261.5/24

All: -578.156+/-0.129 χ^2/NDF: 3334935.2/44

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF: 439489.9/14

Left Out: 819.947+/-0.349 χ^2/NDF:401553.2/6

Right Out: 534.536+/-0.217 χ^2/NDF: 368263.1/17

Left In: 908.071+/-0.415 χ^2/NDF:61202.0/4

Left: 856.464+/-0.267 χ^2/NDF: 489129.4/11

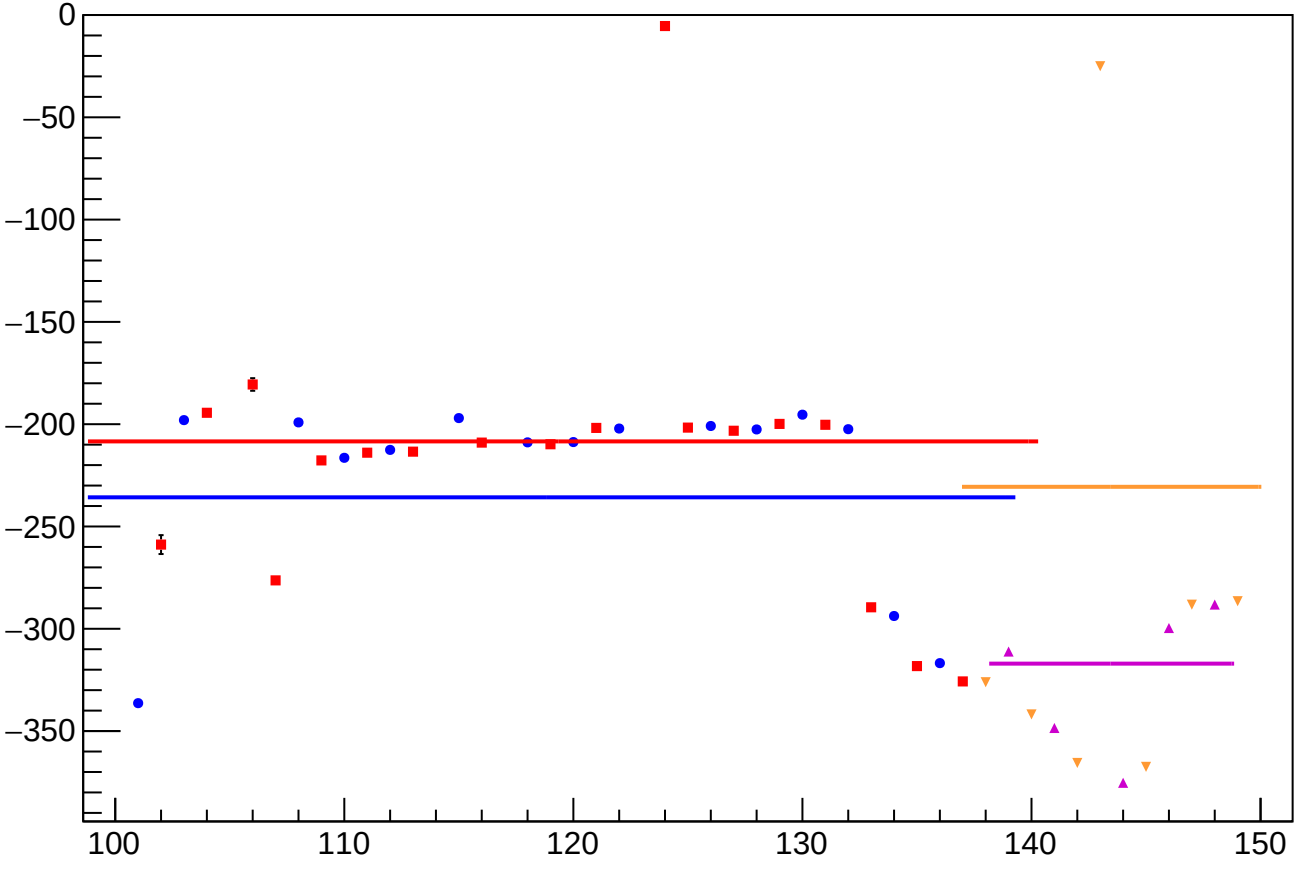
Right: 521.671+/-0.155 χ^2/NDF: 814918.8/32

In: 596.929+/-0.196 χ^2/NDF:1222085.3/19

Out: 614.104+/-0.184 χ^2/NDF:1251313.4/24

All: 606.019+/-0.134 χ^2/NDF: 2477481.2/44

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF: 876219.5/14

Left Out: -230.606+/-0.050 χ^2/NDF:5176564.7/6

Right Out: -208.413+/-0.047 χ^2/NDF: 375009.3/17

Left In: -317.039+/-0.077 χ^2/NDF:142150.5/4

Left: -256.019+/-0.042 χ^2/NDF: 6200962.0/11

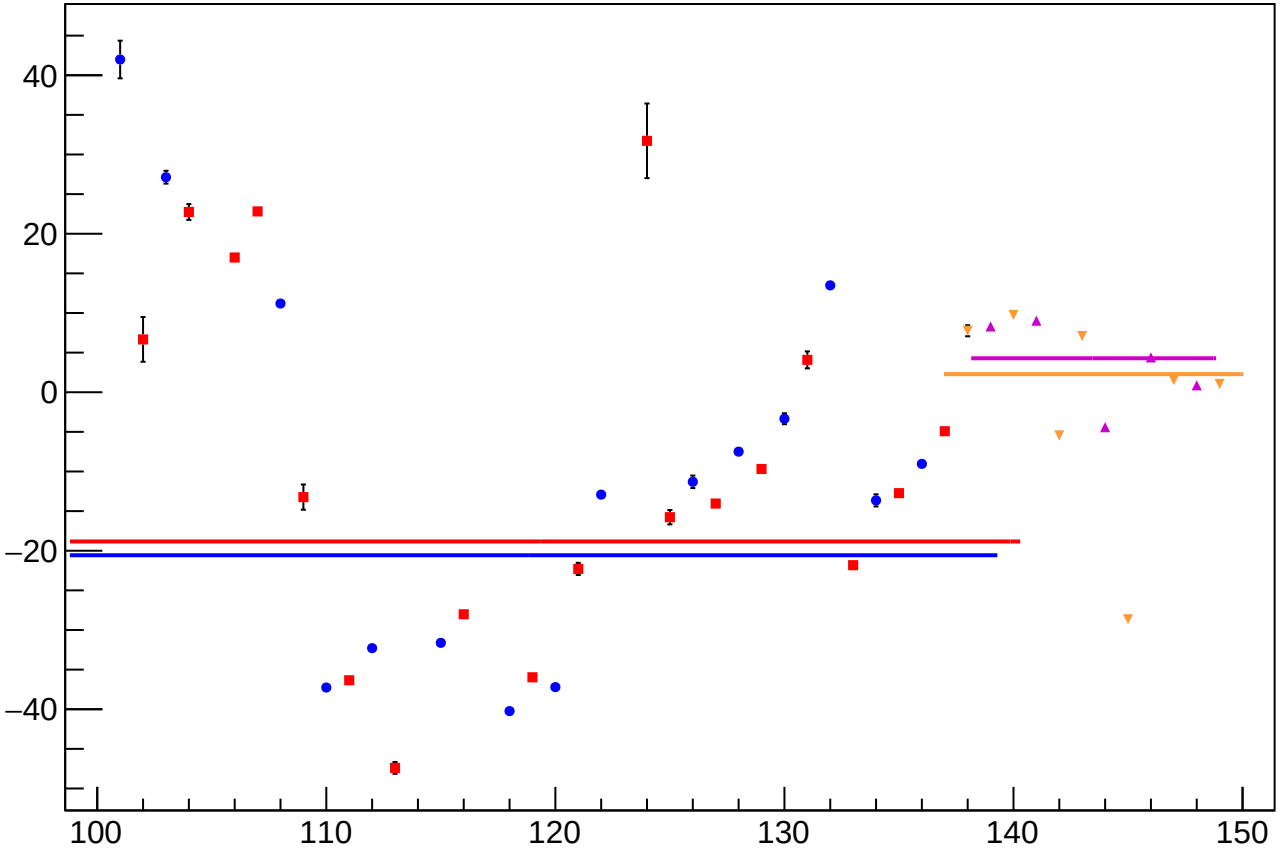
Right: -219.823+/-0.036 χ^2/NDF: 1393978.3/32

In: -263.209+/-0.045 χ^2/NDF:1750358.4/19

Out: -218.786+/-0.034 χ^2/NDF:5656936.9/24

All: -235.027+/-0.027 χ^2/NDF: 8027241.2/44

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569+/-0.071 χ^2/NDF: 63404.0/14

Left Out: 2.281+/-0.050 χ^2/NDF:7386.0/6

Right Out: -18.831+/-0.108 χ^2/NDF: 20855.1/17

Left In: 4.285+/-0.057 χ^2/NDF:4564.4/4

Left: 3.165+/-0.038 χ^2/NDF: 12650.8/11

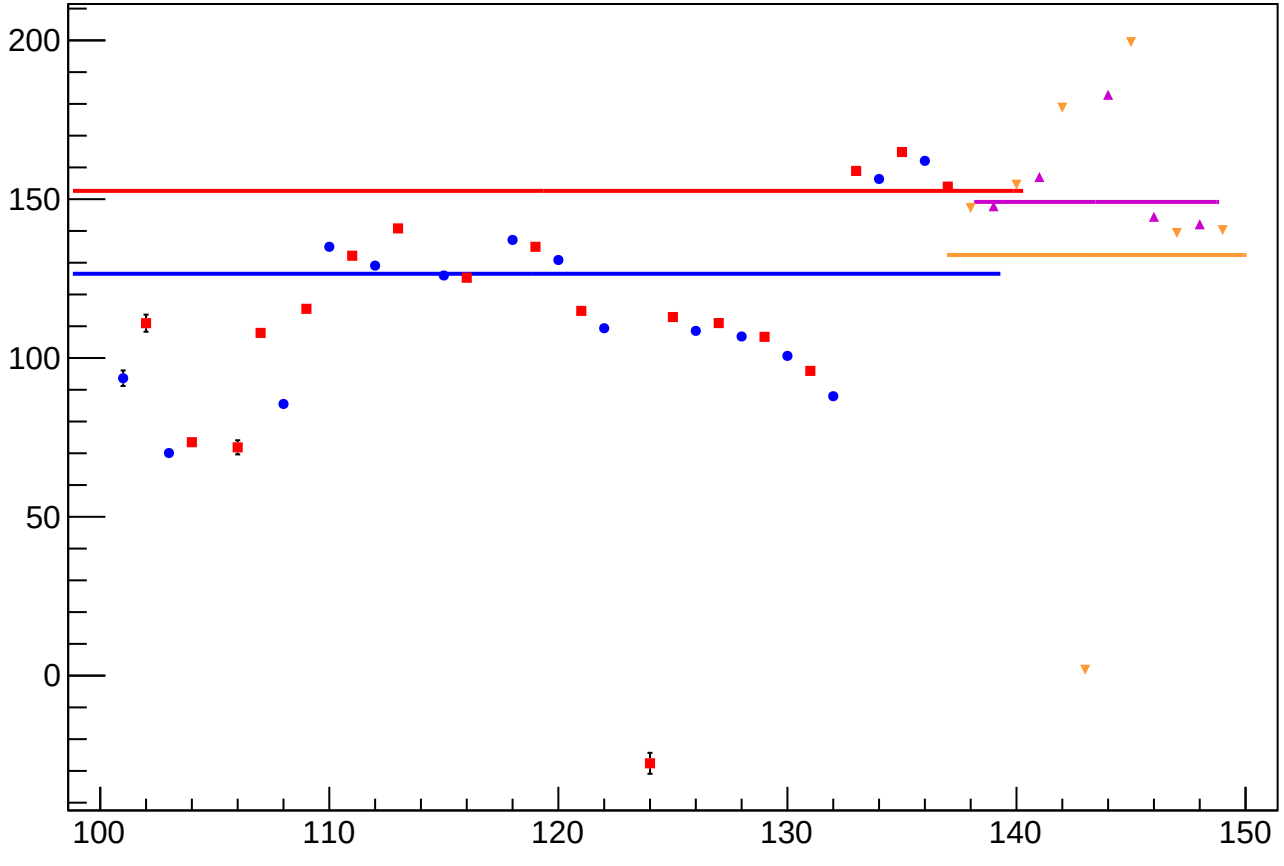
Right: -20.041+/-0.060 χ^2/NDF: 84439.6/32

In: -5.322+/-0.044 χ^2/NDF:142434.4/19

Out: -1.479+/-0.046 χ^2/NDF:59643.4/24

All: -3.453+/-0.032 χ^2/NDF: 205728.0/44

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517+/-0.084 χ^2/NDF: 114967.3/14

Left Out: 132.426+/-0.063 χ^2/NDF:379132.7/6

Right Out: 152.620+/-0.030 χ^2/NDF: 74022.9/17

Left In: 149.139+/-0.077 χ^2/NDF:14197.1/4

Left: 139.050+/-0.049 χ^2/NDF: 421537.0/11

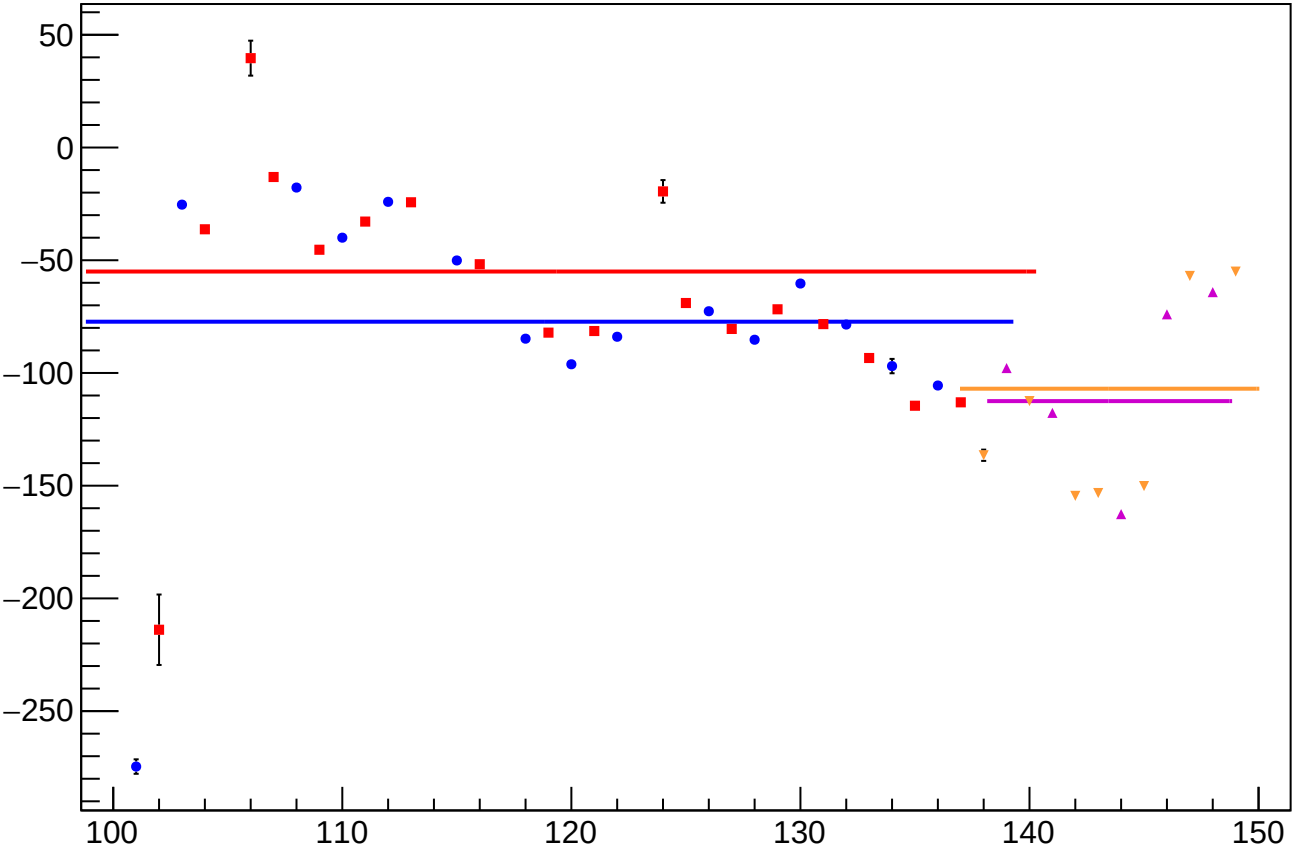
Right: 149.605+/-0.029 χ^2/NDF: 274404.9/32

In: 138.763+/-0.057 χ^2/NDF:168427.6/19

Out: 148.781+/-0.027 χ^2/NDF:537308.3/24

All: 146.904+/-0.025 χ^2/NDF: 730935.9/44

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260+/-0.146 χ^2/NDF: 30356.0/14

Left Out: -106.980+/-0.225 χ^2/NDF:32764.4/6

Right Out: -55.005+/-0.190 χ^2/NDF: 23629.0/17

Left In: -112.487+/-0.217 χ^2/NDF:21709.5/4

Left: -109.825+/-0.156 χ^2/NDF: 54784.3/11

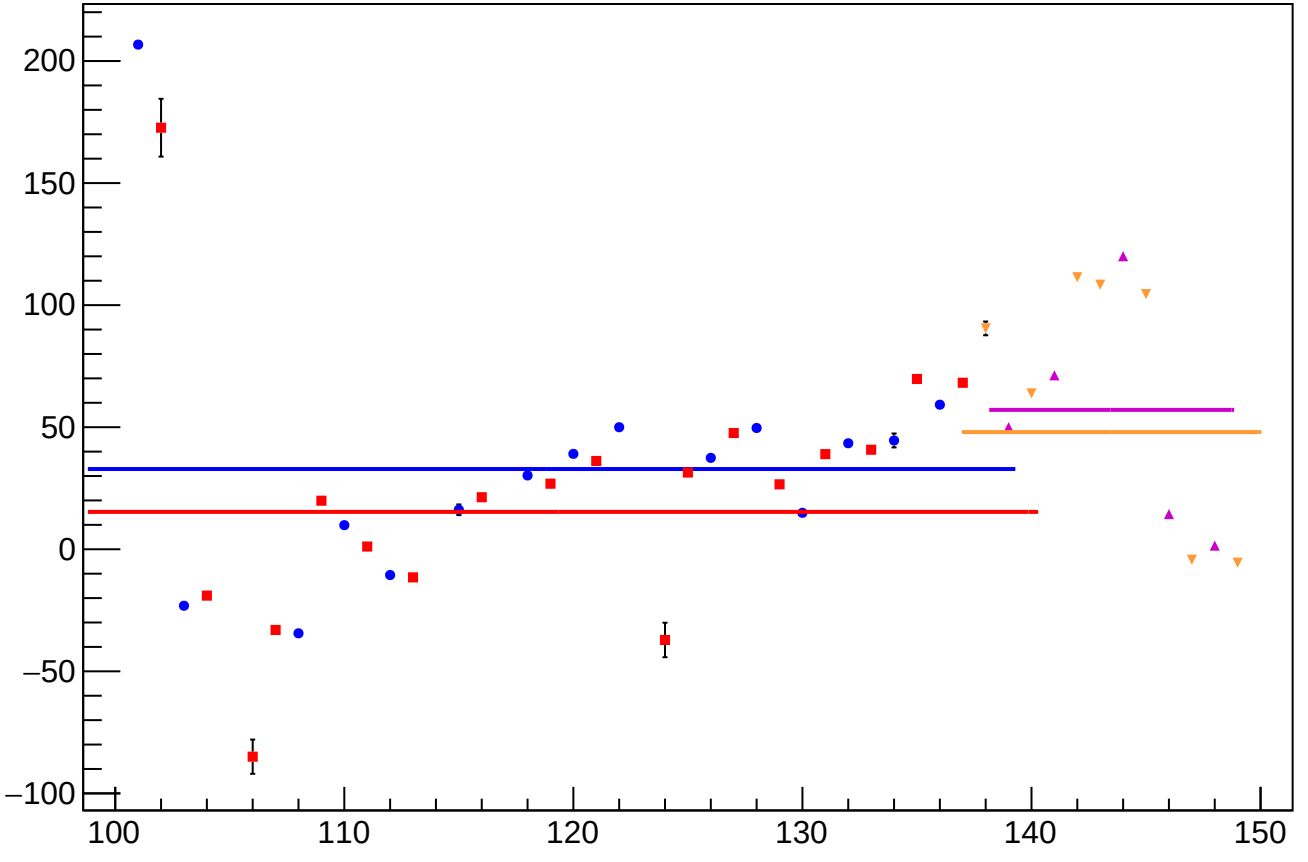
Right: -68.980+/-0.116 χ^2/NDF: 62576.3/32

In: -88.261+/-0.121 χ^2/NDF:70132.5/19

Out: -76.713+/-0.145 χ^2/NDF:87560.4/24

All: -83.507+/-0.093 χ^2/NDF: 161414.9/44

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF: 31393.7/14

Left Out: 48.006+/-0.208 χ^2/NDF:56382.7/6

Right Out: 15.309+/-0.210 χ^2/NDF: 16746.0/17

Left In: 57.090+/-0.203 χ^2/NDF:35041.3/4

Left: 52.646+/-0.145 χ^2/NDF: 92402.1/11

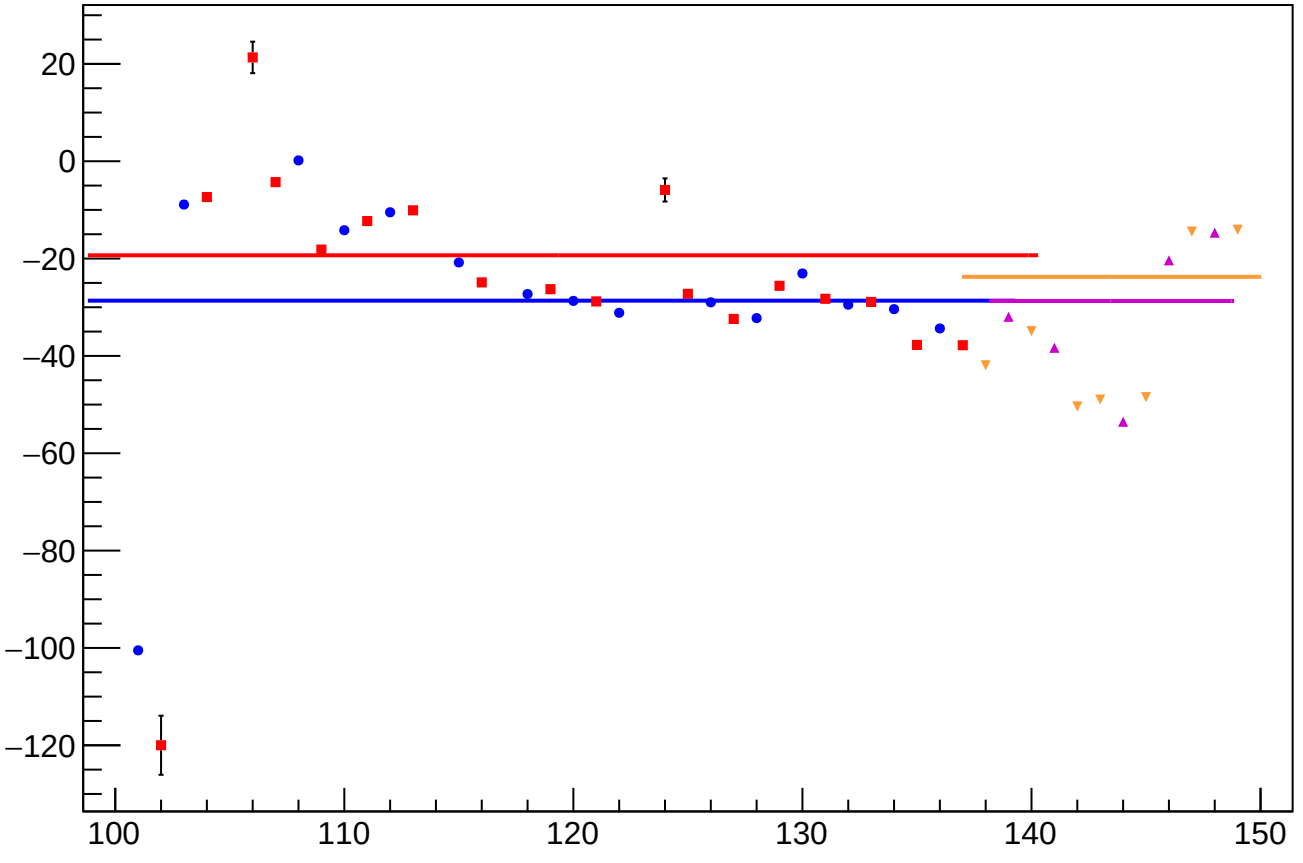
Right: 27.134+/-0.120 χ^2/NDF: 52862.9/32

In: 41.118+/-0.119 χ^2/NDF:75807.4/19

Out: 31.820+/-0.148 χ^2/NDF:85408.9/24

All: 37.469+/-0.092 χ^2/NDF: 163630.1/44

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648+/-0.034 χ^2/NDF: 113441.9/14

Left Out: -23.753+/-0.034 χ^2/NDF:183071.4/6

Right Out: -19.325+/-0.039 χ^2/NDF: 56579.1/17

Left In: -28.718+/-0.035 χ^2/NDF:96107.7/4

Left: -26.193+/-0.025 χ^2/NDF: 289404.5/11

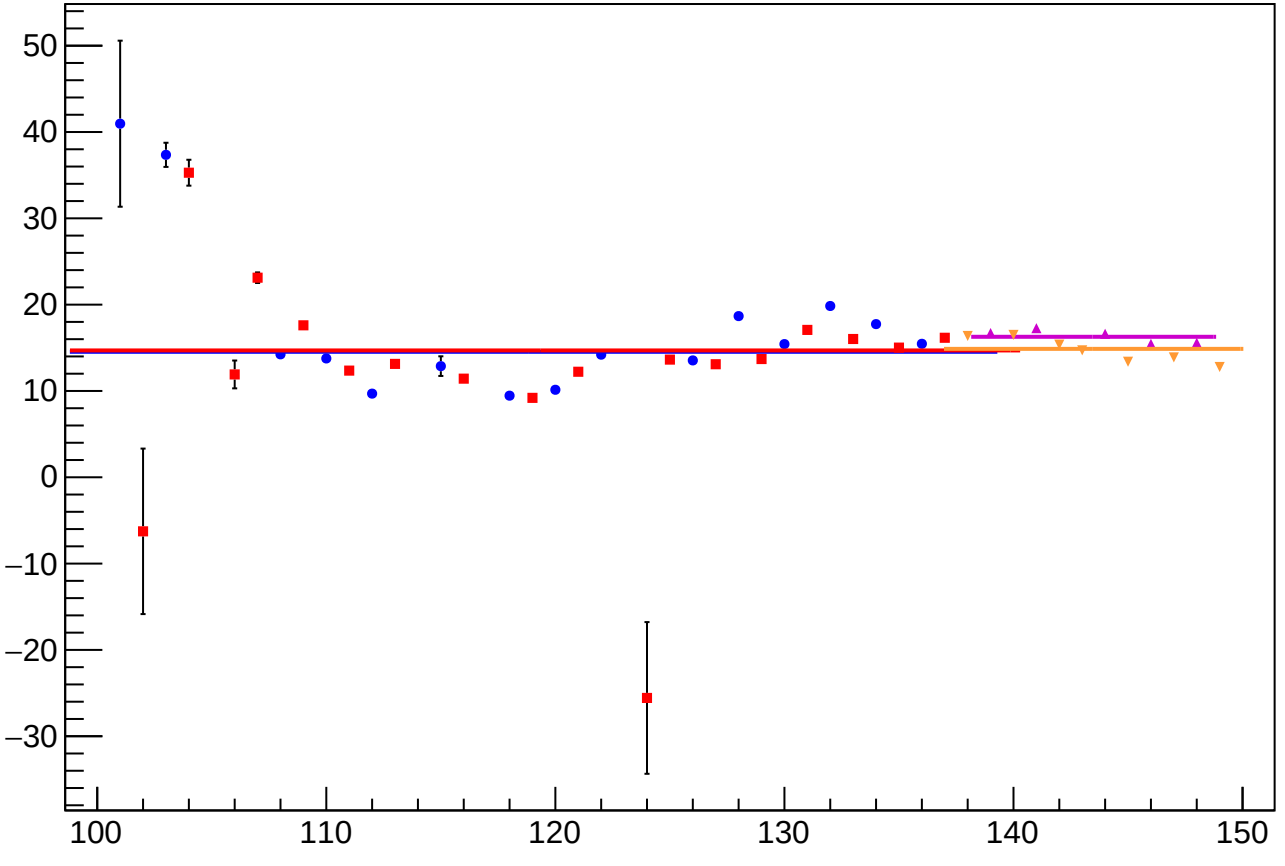
Right: -24.627+/-0.026 χ^2/NDF: 201944.0/32

In: -28.682+/-0.024 χ^2/NDF:209551.5/19

Out: -21.834+/-0.026 χ^2/NDF:246824.8/24

All: -25.451+/-0.018 χ^2/NDF: 493278.1/44

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF: 12071.8/14

Left Out: 14.877+/-0.030 χ^2/NDF:2429.5/6

Right Out: 14.695+/-0.044 χ^2/NDF: 1633.0/17

Left In: 16.276+/-0.030 χ^2/NDF:619.4/4

Left: 15.564+/-0.021 χ^2/NDF: 4133.2/11

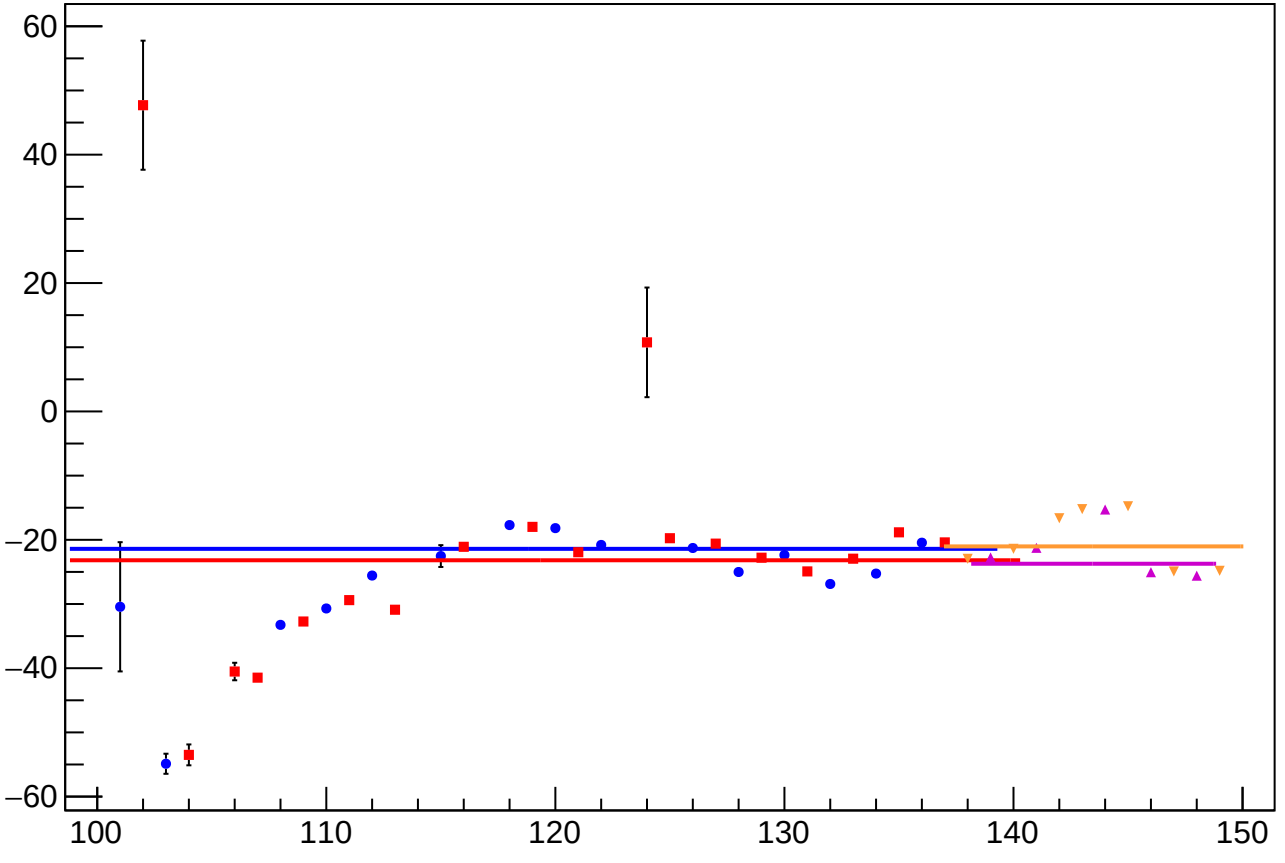
Right: 14.589+/-0.025 χ^2/NDF: 13713.5/32

In: 15.393+/-0.021 χ^2/NDF:14361.7/19

Out: 14.819+/-0.025 χ^2/NDF:4074.4/24

All: 15.148+/-0.016 χ^2/NDF: 18748.2/44

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406+/-0.036 χ^2/NDF: 9686.6/14

Left Out: -21.026+/-0.030 χ^2/NDF:20160.9/6

Right Out: -23.186+/-0.051 χ^2/NDF: 9126.8/17

Left In: -23.728+/-0.038 χ^2/NDF:6340.6/4

Left: -22.072+/-0.024 χ^2/NDF: 29602.7/11

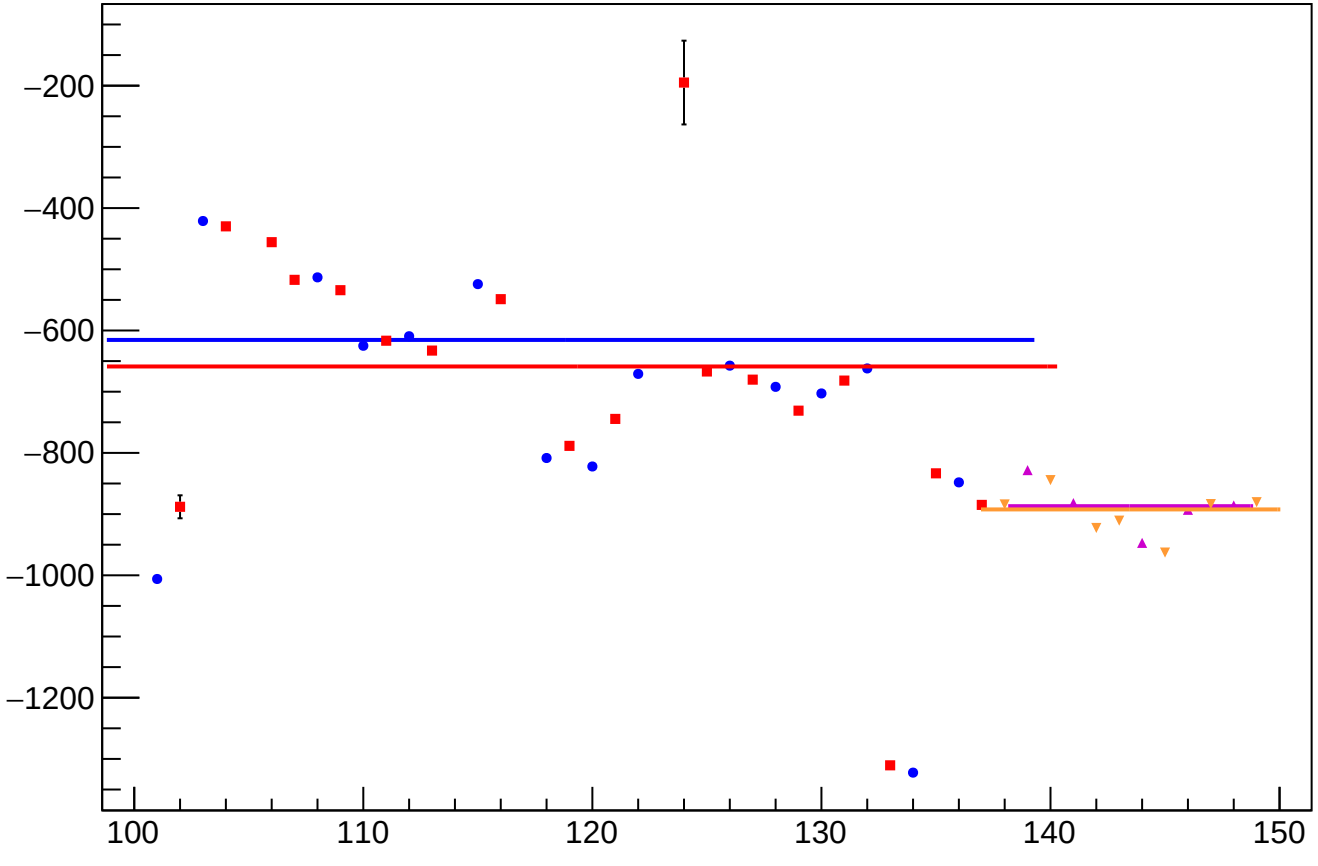
Right: -21.987+/-0.029 χ^2/NDF: 19630.5/32

In: -22.491+/-0.026 χ^2/NDF:18017.2/19

Out: -21.584+/-0.026 χ^2/NDF:30612.5/24

All: -22.038+/-0.018 χ^2/NDF: 49238.3/44

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF: 382819.1/14

Left Out: -892.358+/-0.295 χ^2/NDF:8889.8/6

Right Out: -658.787+/-0.256 χ^2/NDF: 385262.6/17

Left In: -887.040+/-0.269 χ^2/NDF:7987.2/4

Left: -889.457+/-0.199 χ^2/NDF: 17054.3/11

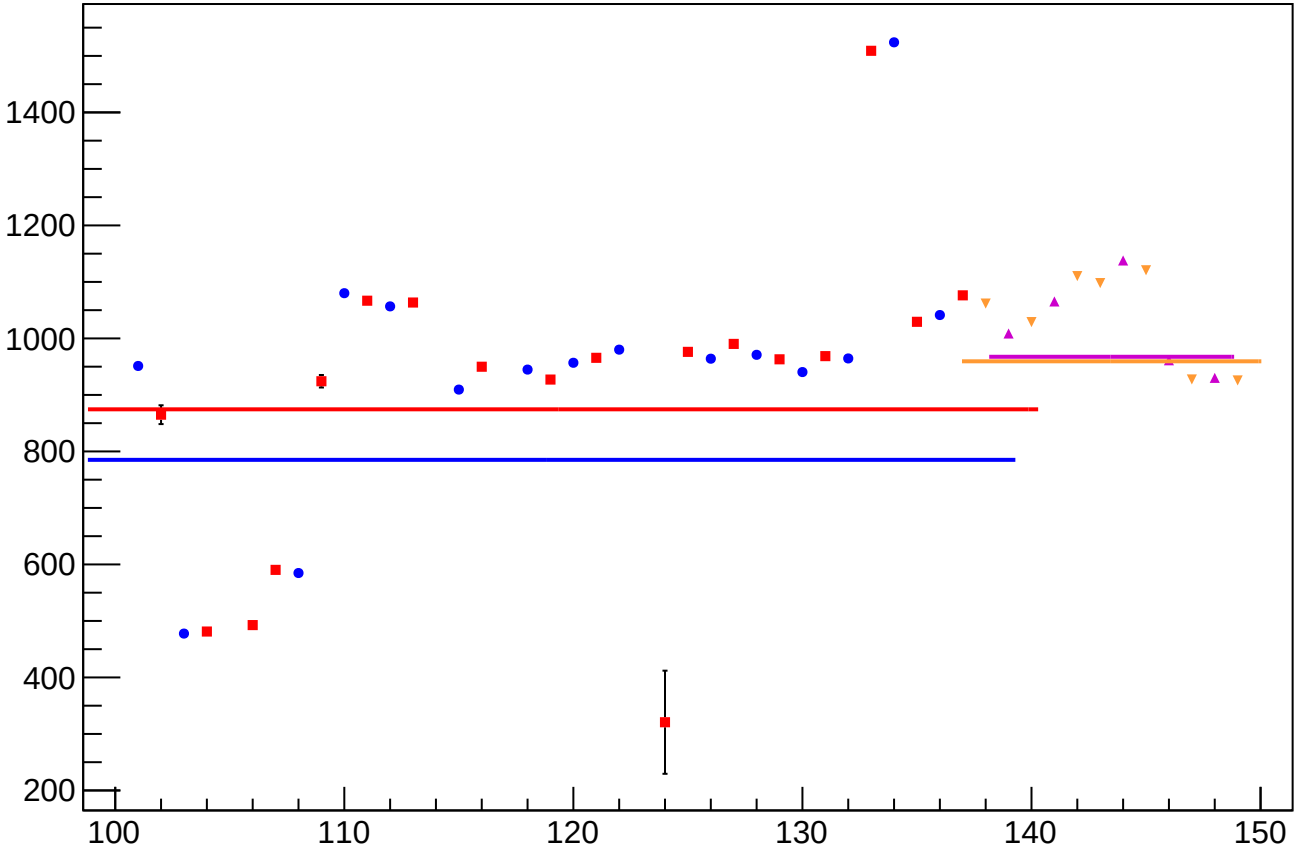
Right: -635.464+/-0.174 χ^2/NDF: 783480.4/32

In: -734.399+/-0.178 χ^2/NDF:963254.6/19

Out: -759.300+/-0.193 χ^2/NDF:751551.3/24

All: -745.824+/-0.131 χ^2/NDF: 1723773.1/44

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF: 886147.1/14

Left Out: 959.494+/-0.269 χ^2/NDF:60095.7/6

Right Out: 874.516+/-0.261 χ^2/NDF: 842565.5/17

Left In: 967.520+/-0.258 χ^2/NDF:59421.2/4

Left: 963.666+/-0.186 χ^2/NDF: 119981.1/11

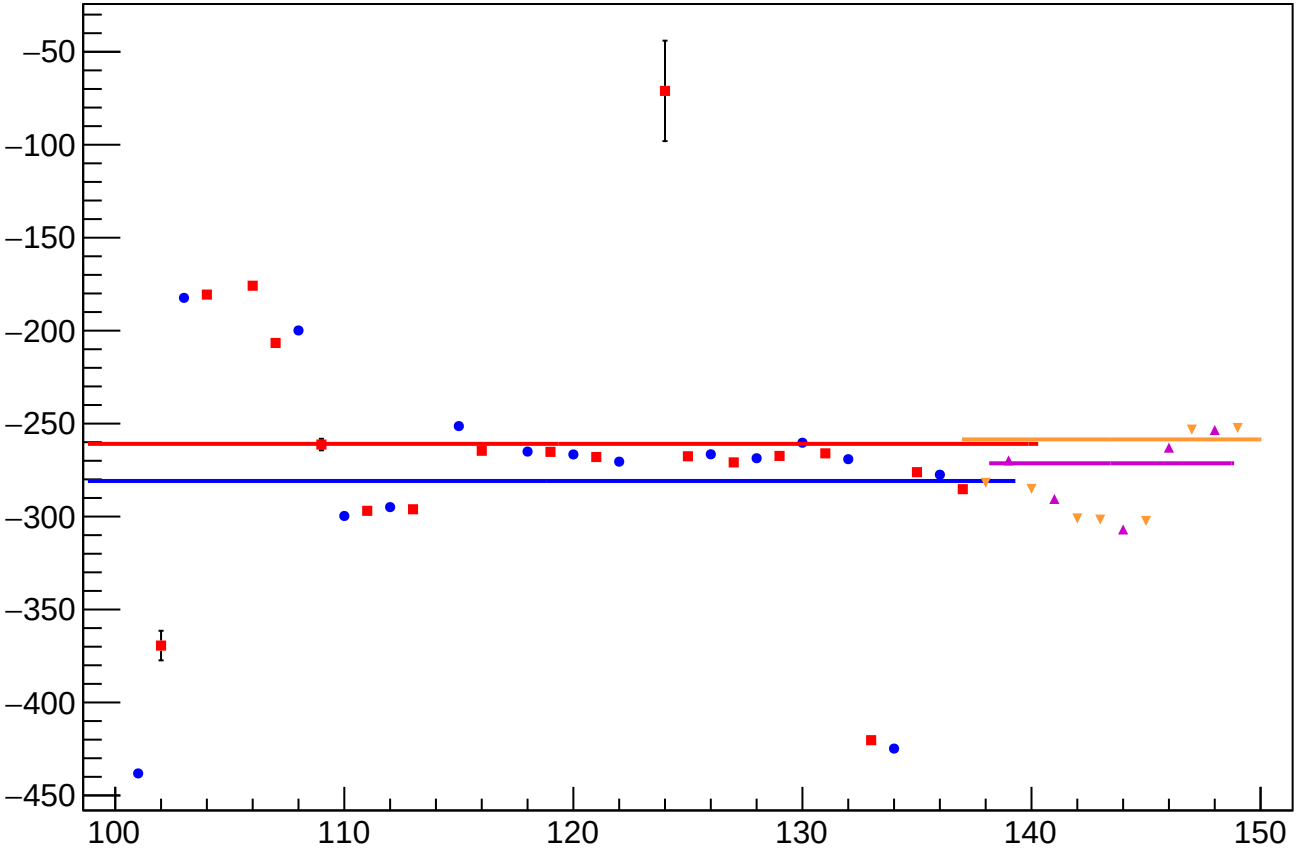
Right: 823.762+/-0.172 χ^2/NDF: 1795202.4/32

In: 865.058+/-0.171 χ^2/NDF:1226082.3/19

Out: 915.832+/-0.187 χ^2/NDF:954098.4/24

All: 888.129+/-0.126 χ^2/NDF: 2220286.9/44

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF: 873611.1/14

Left Out: -258.509+/-0.040 χ^2/NDF:145640.2/6

Right Out: -260.897+/-0.068 χ^2/NDF: 347717.5/17

Left In: -271.343+/-0.052 χ^2/NDF:98071.3/4

Left: -263.286+/-0.032 χ^2/NDF: 282064.5/11

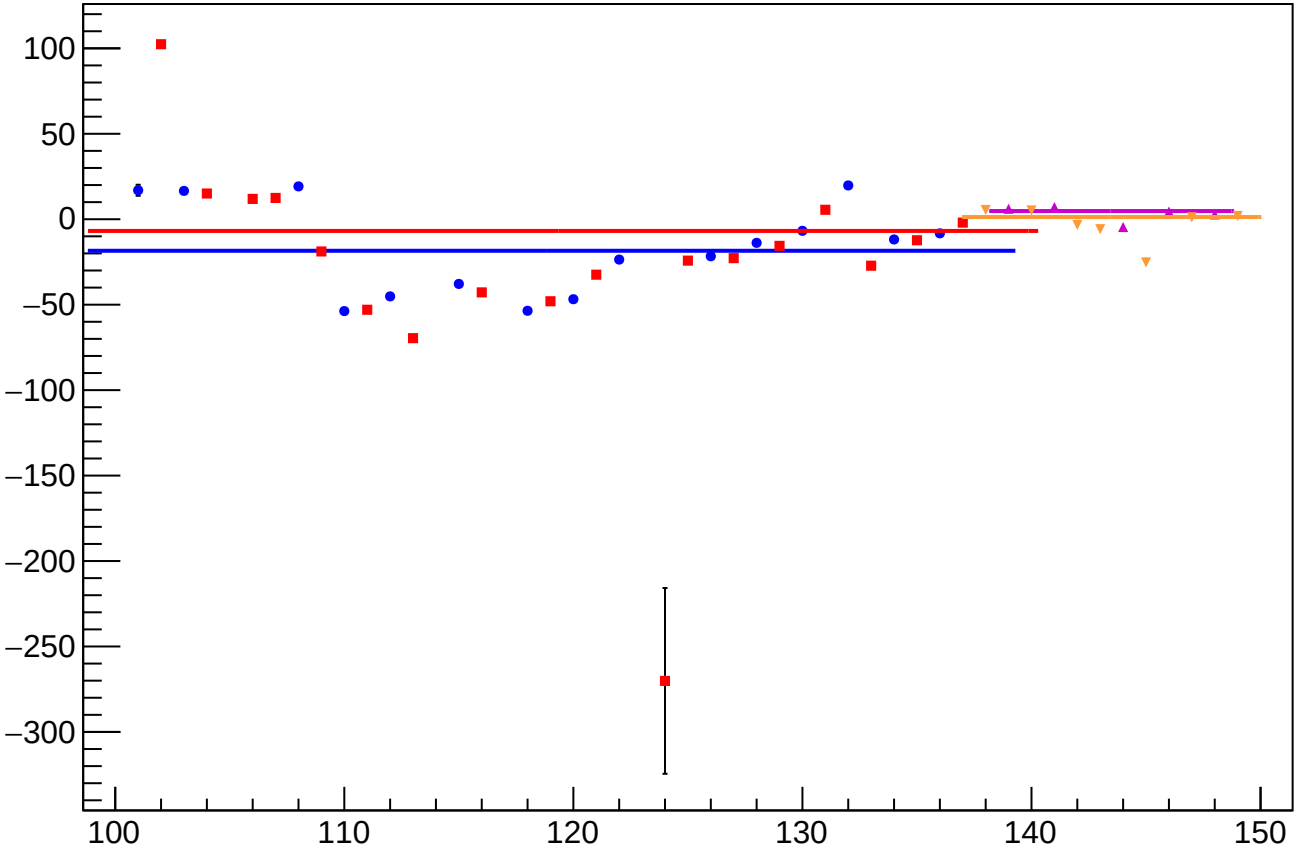
Right: -272.298+/-0.044 χ^2/NDF: 1271185.3/32

In: -275.532+/-0.039 χ^2/NDF:986464.9/19

Out: -259.128+/-0.034 χ^2/NDF:494282.9/24

All: -266.340+/-0.026 χ^2/NDF: 1580683.8/44

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452+/-0.091 χ^2/NDF: 46574.6/14

Left Out: 1.286+/-0.056 χ^2/NDF:5459.2/6

Right Out: -6.843+/-0.065 χ^2/NDF: 50023.0/17

Left In: 4.797+/-0.066 χ^2/NDF:1923.1/4

Left: 2.746+/-0.043 χ^2/NDF: 9032.0/11

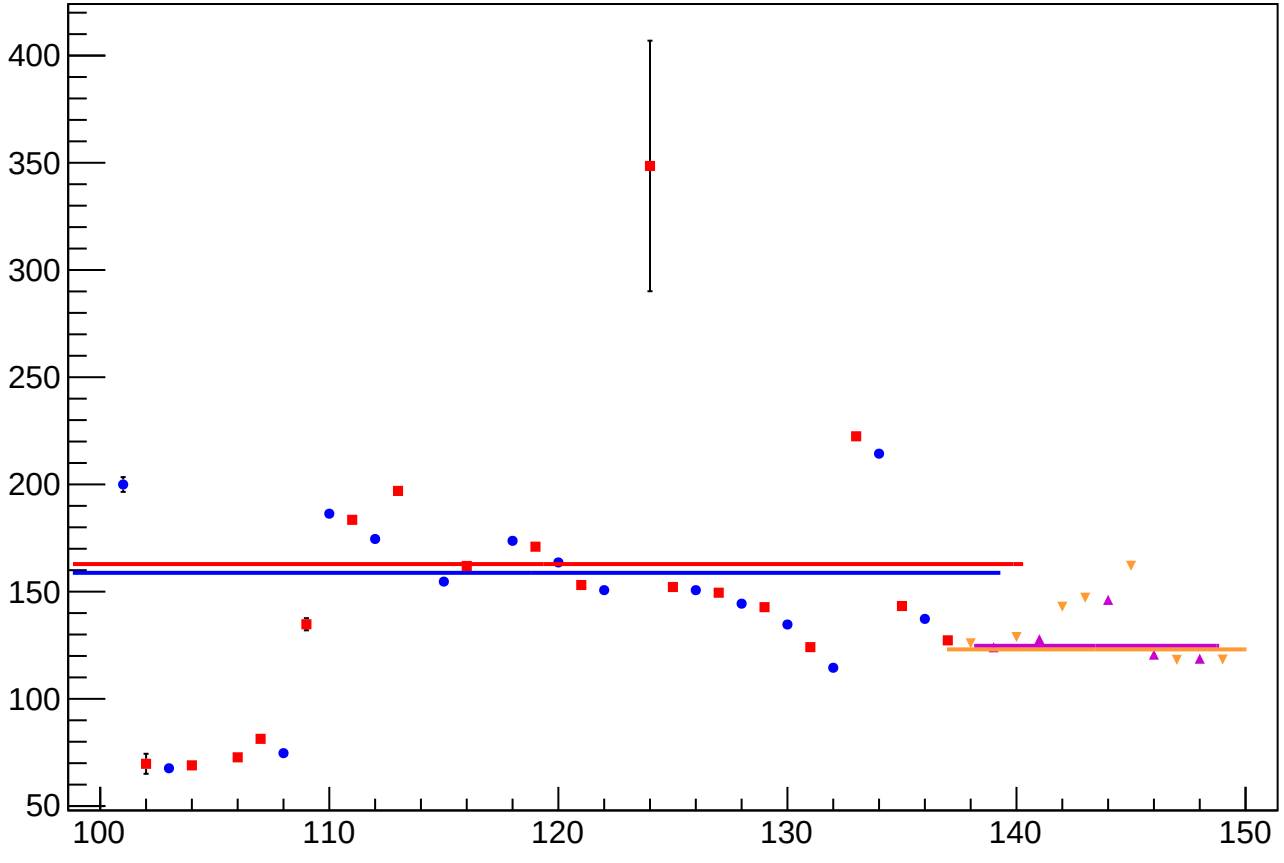
Right: -10.715+/-0.053 χ^2/NDF: 107378.5/32

In: -3.199+/-0.054 χ^2/NDF:91066.2/19

Out: -2.186+/-0.042 χ^2/NDF:64561.4/24

All: -2.574+/-0.033 χ^2/NDF: 155848.5/44

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772+/-0.088 χ^2/NDF: 159016.5/14

Left Out: 123.065+/-0.057 χ^2/NDF:30797.7/6

Right Out: 162.856+/-0.093 χ^2/NDF: 156176.8/17

Left In: 124.726+/-0.072 χ^2/NDF:8616.4/4

Left: 123.704+/-0.045 χ^2/NDF: 39741.5/11

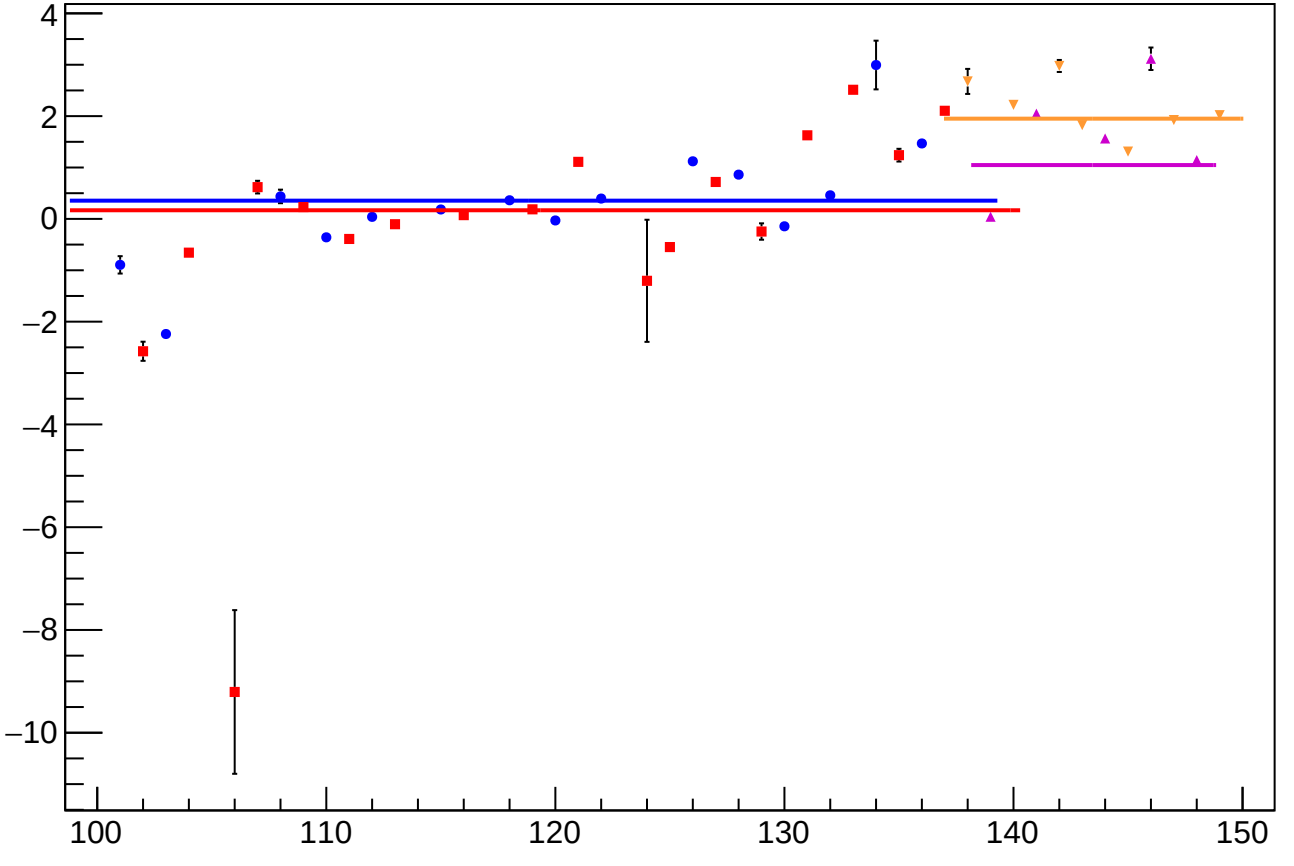
Right: 160.702+/-0.064 χ^2/NDF: 316204.3/32

In: 138.332+/-0.056 χ^2/NDF:256867.6/19

Out: 133.867+/-0.049 χ^2/NDF:319579.8/24

All: 135.792+/-0.037 χ^2/NDF: 580086.1/44

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355+/-0.012 χ^2/NDF: 4011.3/14

Left Out: 1.951+/-0.020 χ^2/NDF:247.3/6

Right Out: 0.168+/-0.008 χ^2/NDF: 4588.1/17

Left In: 1.048+/-0.018 χ^2/NDF:2112.6/4

Left: 1.438+/-0.013 χ^2/NDF: 3462.6/11

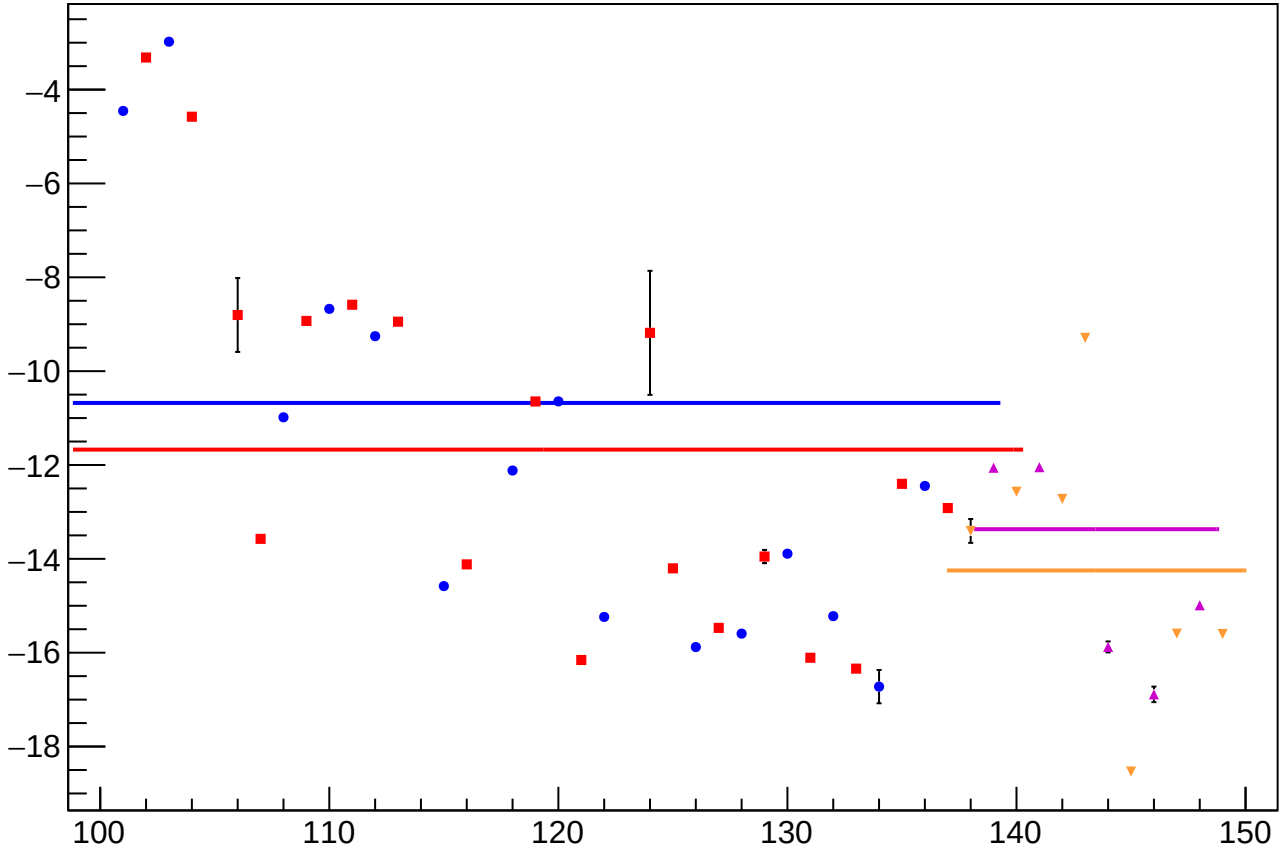
Right: 0.223+/-0.006 χ^2/NDF: 8777.2/32

In: 0.564+/-0.010 χ^2/NDF:7170.5/19

Out: 0.386+/-0.007 χ^2/NDF:11485.7/24

All: 0.448+/-0.006 χ^2/NDF: 18870.7/44

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678+/-0.010 χ^2/NDF: 226791.0/14

Left Out: -14.248+/-0.017 χ^2/NDF:27279.8/6

Right Out: -11.672+/-0.012 χ^2/NDF: 107844.6/17

Left In: -13.368+/-0.023 χ^2/NDF:4607.9/4

Left: -13.943+/-0.014 χ^2/NDF: 32838.0/11

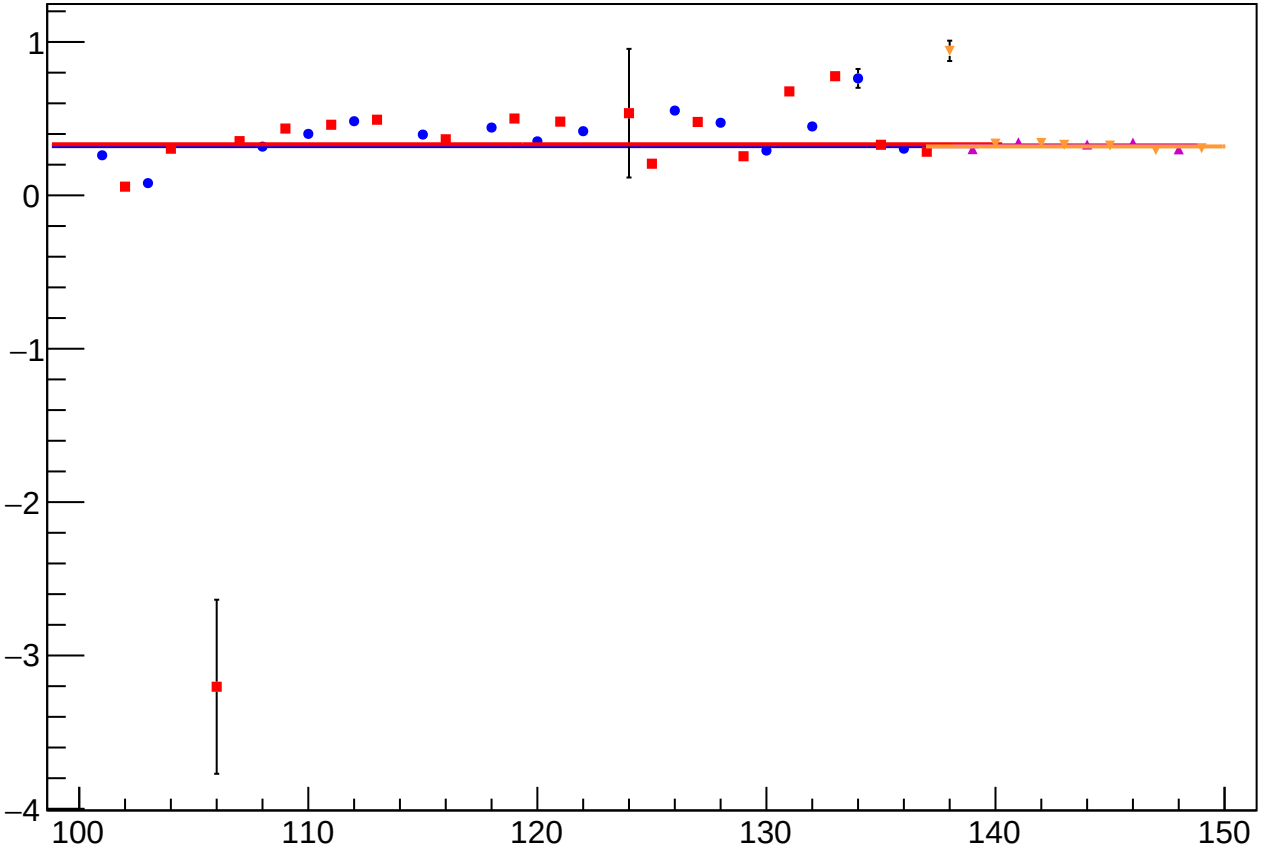
Right: -11.113+/-0.008 χ^2/NDF: 338735.1/32

In: -11.123+/-0.009 χ^2/NDF:242749.3/19

Out: -12.509+/-0.010 χ^2/NDF:151035.3/24

All: -11.803+/-0.007 χ^2/NDF: 404476.8/44

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF: 4017.7/14

Left Out: 0.319+/-0.000 χ^2/NDF:1398.8/6

Right Out: 0.333+/-0.001 χ^2/NDF: 4170.0/17

Left In: 0.326+/-0.001 χ^2/NDF:704.8/4

Left: 0.321+/-0.000 χ^2/NDF: 2175.6/11

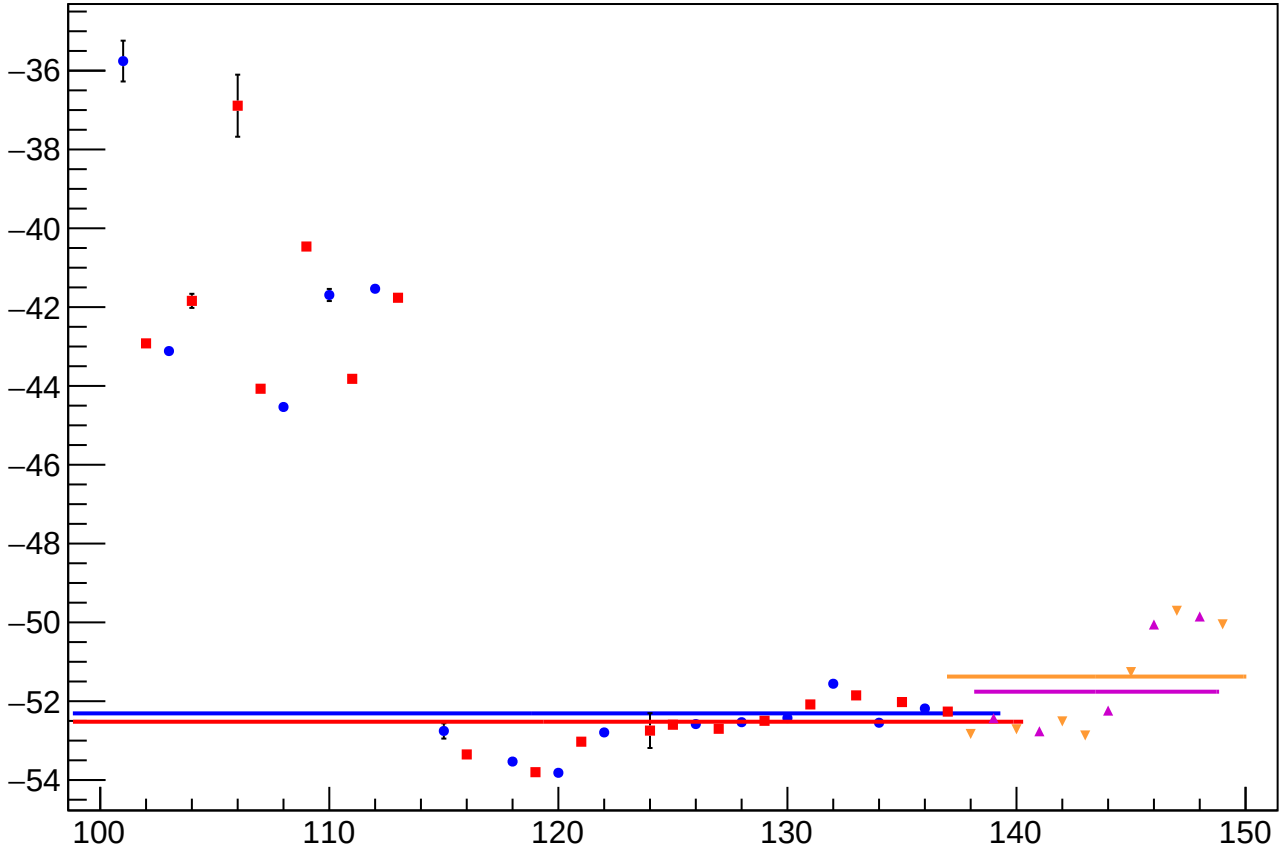
Right: 0.325+/-0.001 χ^2/NDF: 8247.8/32

In: 0.324+/-0.001 χ^2/NDF:4741.0/19

Out: 0.321+/-0.000 χ^2/NDF:5679.6/24

All: 0.322+/-0.000 χ^2/NDF: 10445.1/44

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF: 53459.2/14

Left Out: -51.375+/-0.004 χ^2/NDF:129801.1/6

Right Out: -52.521+/-0.005 χ^2/NDF: 76616.3/17

Left In: -51.759+/-0.005 χ^2/NDF:54681.5/4

Left: -51.511+/-0.003 χ^2/NDF: 187893.8/11

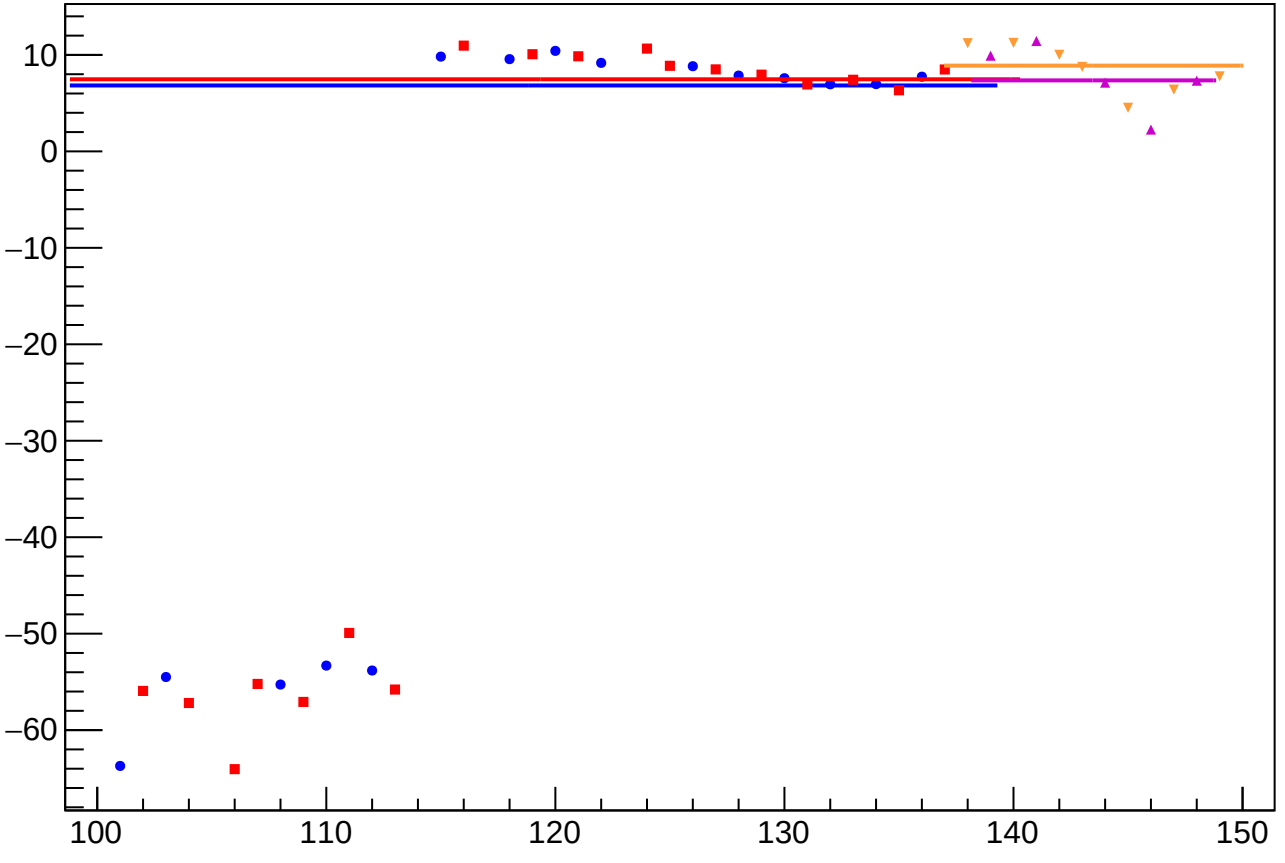
Right: -52.410+/-0.003 χ^2/NDF: 131177.9/32

In: -52.083+/-0.003 χ^2/NDF:114535.7/19

Out: -51.856+/-0.003 χ^2/NDF:242319.1/24

All: -51.955+/-0.002 χ^2/NDF: 359363.5/44

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF: 990576.4/14

Left Out: 8.889+/-0.010 χ^2/NDF:38010.0/6

Right Out: 7.474+/-0.009 χ^2/NDF: 1195498.7/17

Left In: 7.359+/-0.013 χ^2/NDF:72720.8/4

Left: 8.293+/-0.008 χ^2/NDF: 119821.1/11

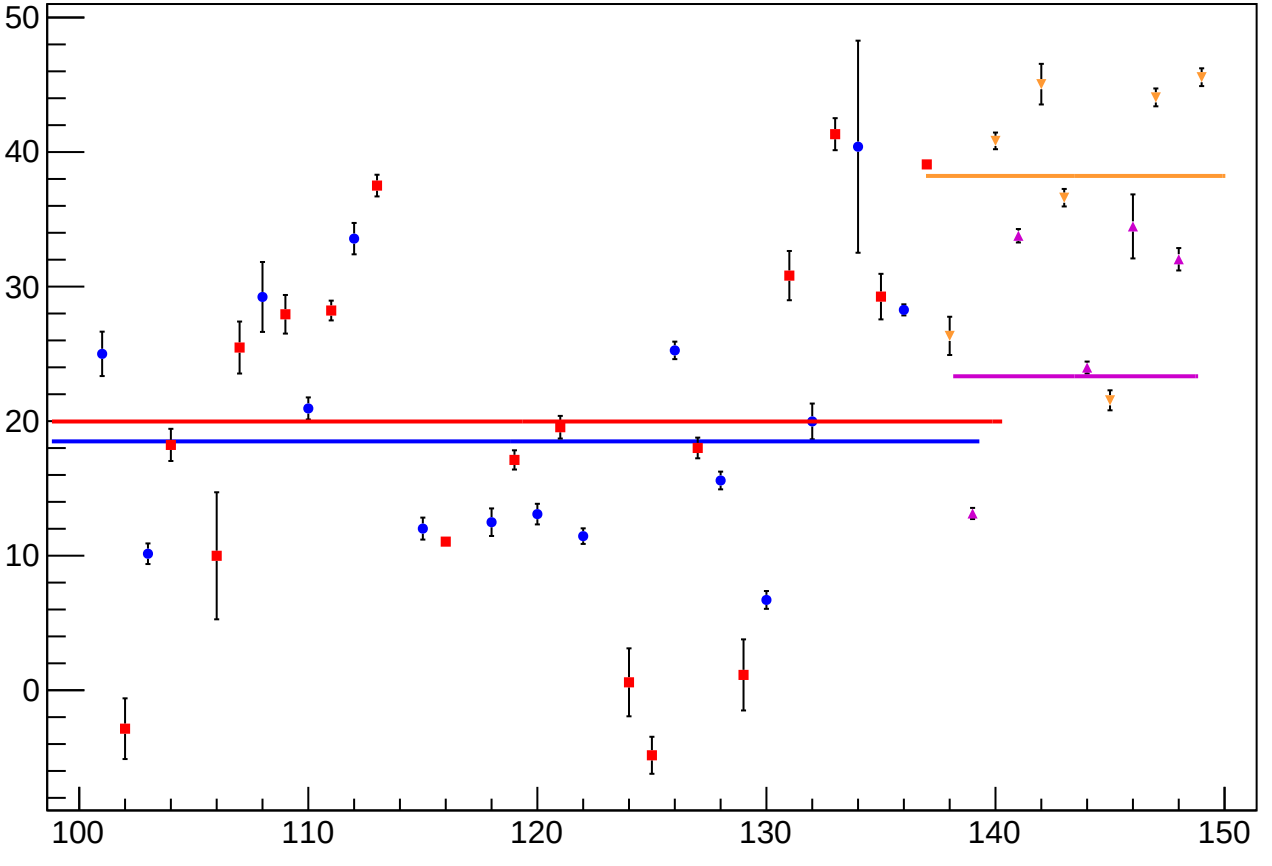
Right: 6.980+/-0.004 χ^2/NDF: 2189734.1/32

In: 6.907+/-0.005 χ^2/NDF:1064806.8/19

Out: 8.129+/-0.007 χ^2/NDF:1244239.4/24

All: 7.301+/-0.004 χ^2/NDF: 2330840.4/44

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496+/-0.200 χ^2/NDF: 1636.7/14

Left Out: 38.225+/-0.285 χ^2/NDF:817.4/6

Right Out: 19.974+/-0.130 χ^2/NDF: 9201.3/17

Left In: 23.335+/-0.246 χ^2/NDF:1173.9/4

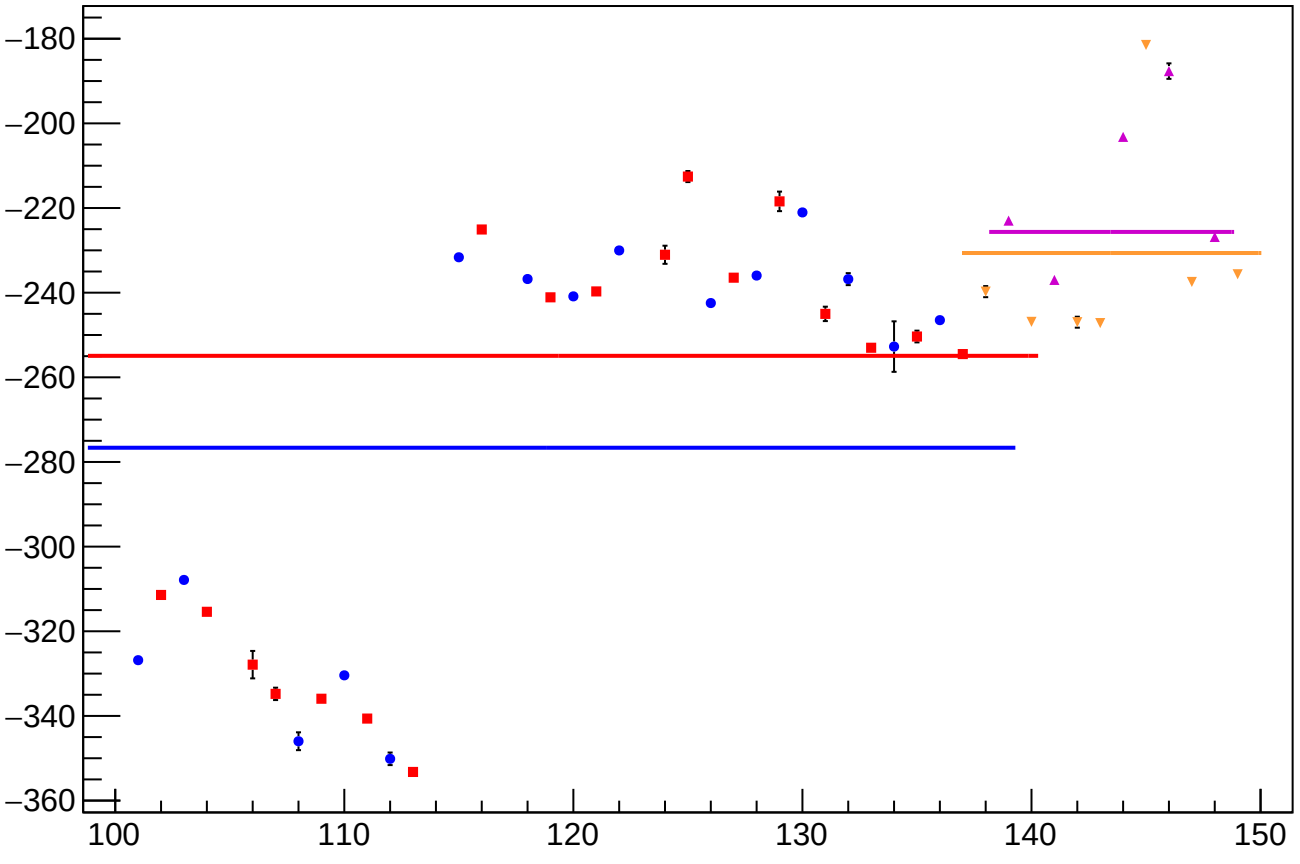
Left: 29.686+/-0.186 χ^2/NDF: 3551.3/11

Right: 19.534+/-0.109 χ^2/NDF: 10876.3/32

In: 20.420+/-0.155 χ^2/NDF:3043.3/19

Out: 23.115+/-0.118 χ^2/NDF:13402.1/24

All: 22.124+/-0.094 χ^2/NDF: 16635.9/44



Right In: -276.636+/-0.148 χ^2/NDF: 77119.6/14

Left Out: -230.629+/-0.231 χ^2/NDF:10615.2/6

Right Out: -254.921+/-0.071 χ^2/NDF: 71945.8/17

Left In: -225.648+/-0.236 χ^2/NDF:2118.4/4

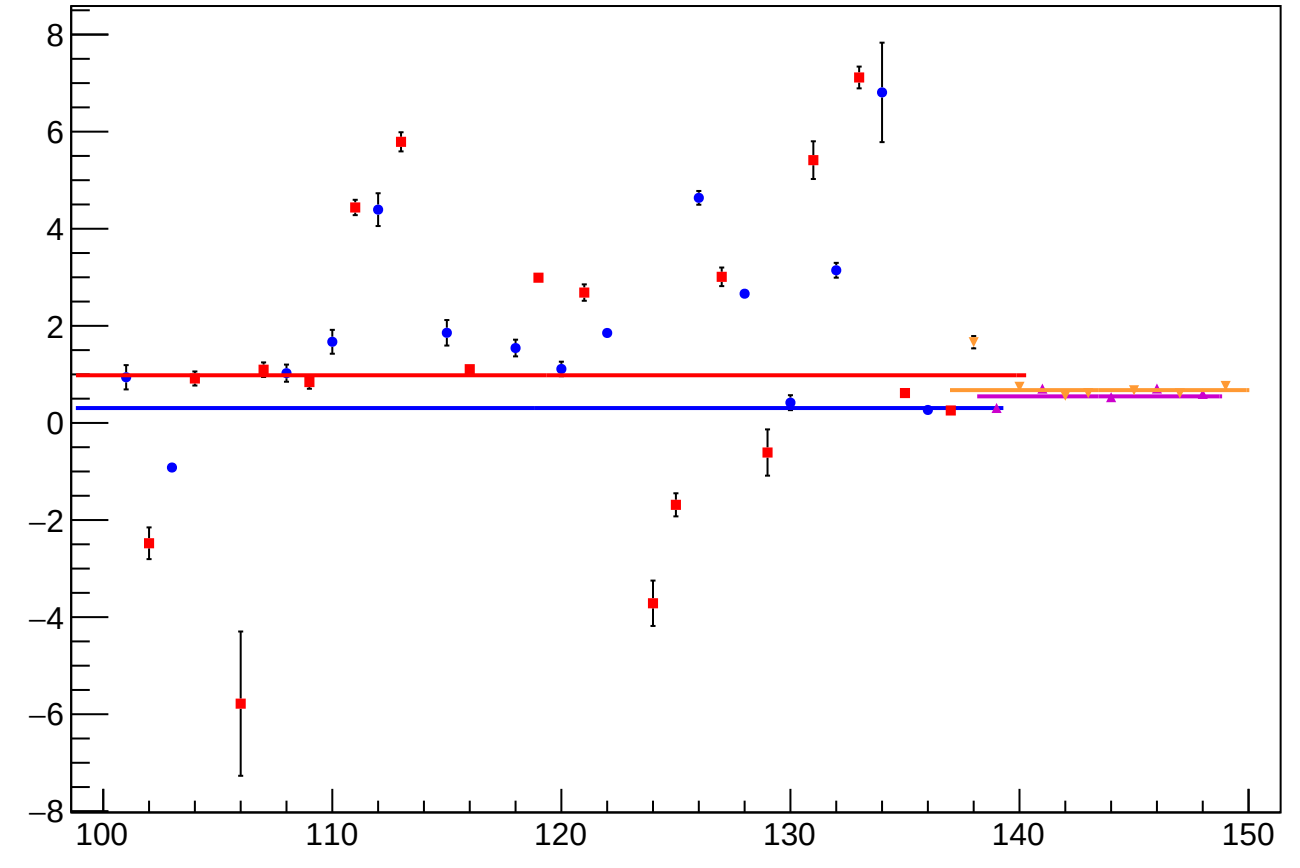
Left: -228.193+/-0.165 χ^2/NDF: 12960.5/11

Right: -259.025+/-0.064 χ^2/NDF: 166632.3/32

In: -262.333+/-0.125 χ^2/NDF:112737.6/19

Out: -252.815+/-0.068 χ^2/NDF:92644.5/24

All: -254.988+/-0.060 χ^2/NDF: 209846.0/44



Right In: 0.307+/-0.007 χ^2/NDF: 2787.0/14

Left Out: 0.676+/-0.004 χ^2/NDF:449.4/6

Right Out: 0.982+/-0.015 χ^2/NDF: 3374.7/17

Left In: 0.547+/-0.004 χ^2/NDF:1611.7/4

Left: 0.617+/-0.003 χ^2/NDF: 2606.4/11

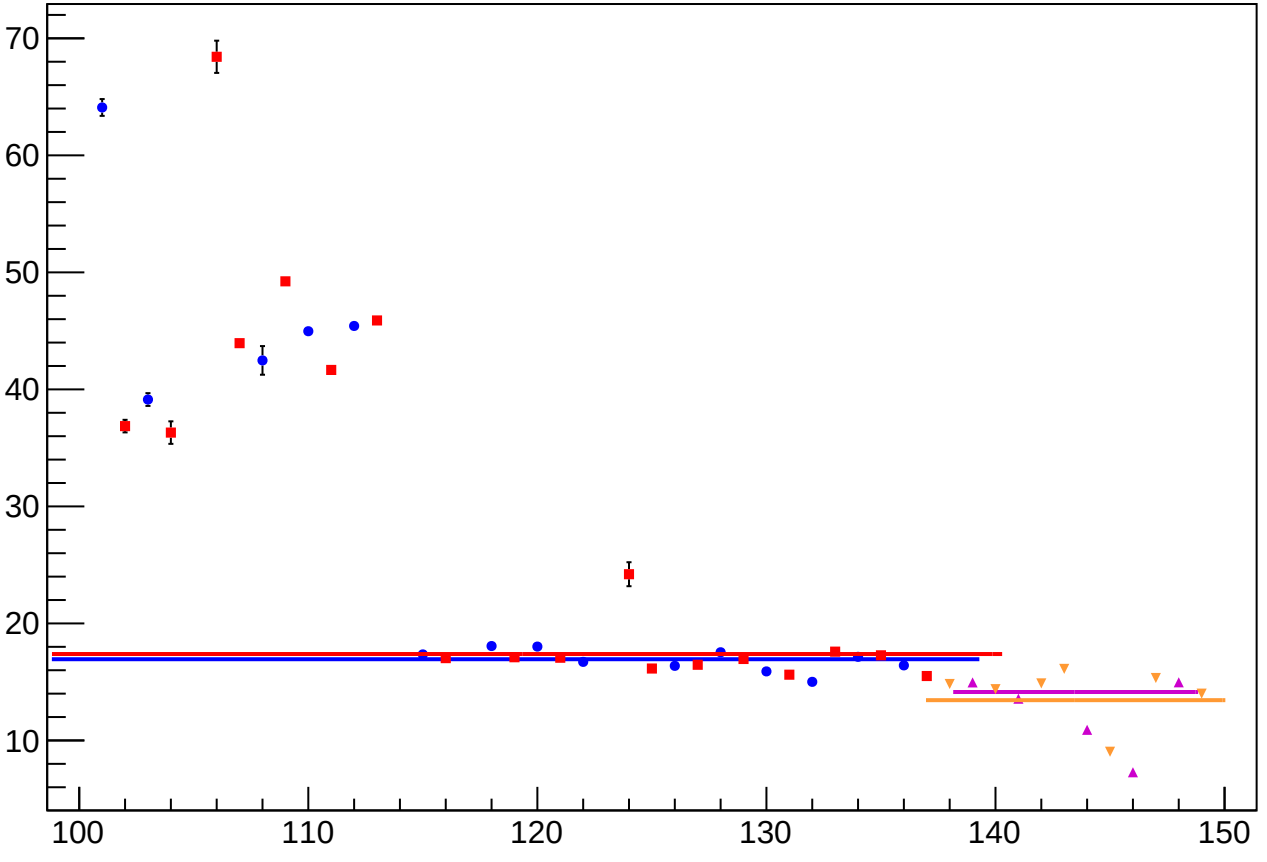
Right: 0.421+/-0.006 χ^2/NDF: 7919.2/32

In: 0.482+/-0.003 χ^2/NDF:5359.6/19

Out: 0.695+/-0.004 χ^2/NDF:4231.9/24

All: 0.583+/-0.002 χ^2/NDF: 11390.8/44

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF: 29019.8/14

Left Out: 13.442+/-0.014 χ^2/NDF:41446.8/6

Right Out: 17.385+/-0.018 χ^2/NDF: 61131.5/17

Left In: 14.140+/-0.023 χ^2/NDF:4961.1/4

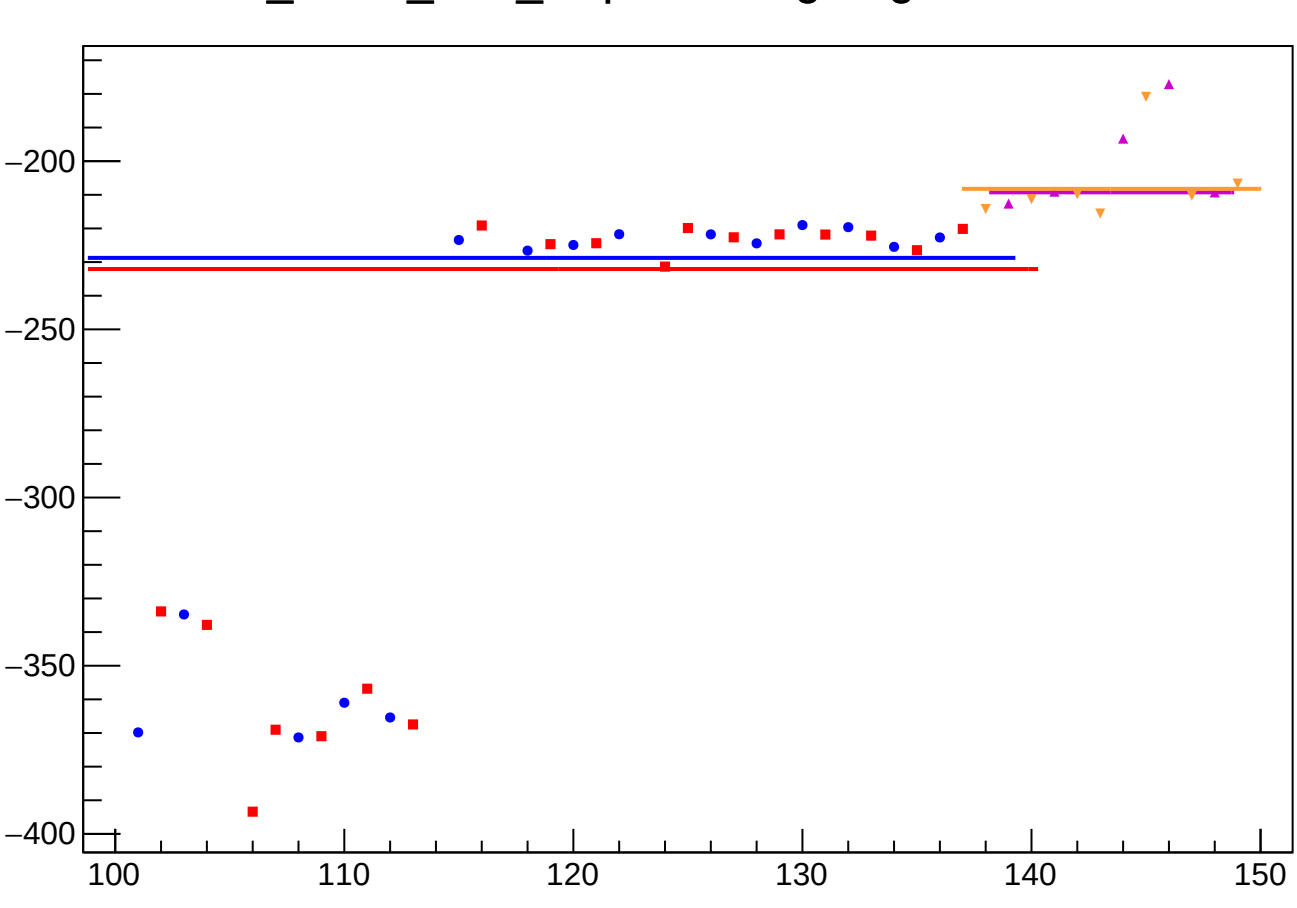
Left: 13.626+/-0.012 χ^2/NDF: 47101.2/11

Right: 17.096+/-0.010 χ^2/NDF: 90566.4/32

In: 16.262+/-0.011 χ^2/NDF:45467.1/19

Out: 14.919+/-0.011 χ^2/NDF:134015.2/24

All: 15.564+/-0.008 χ^2/NDF: 186960.1/44



Right In: -228.749+/-0.035 χ^2/NDF: 657578.5/14

Left Out: -208.219+/-0.027 χ^2/NDF:67577.0/6

Right Out: -232.058+/-0.041 χ^2/NDF: 791526.5/17

Left In: -209.266+/-0.038 χ^2/NDF:8959.2/4

Left: -208.560+/-0.022 χ^2/NDF: 77042.5/11

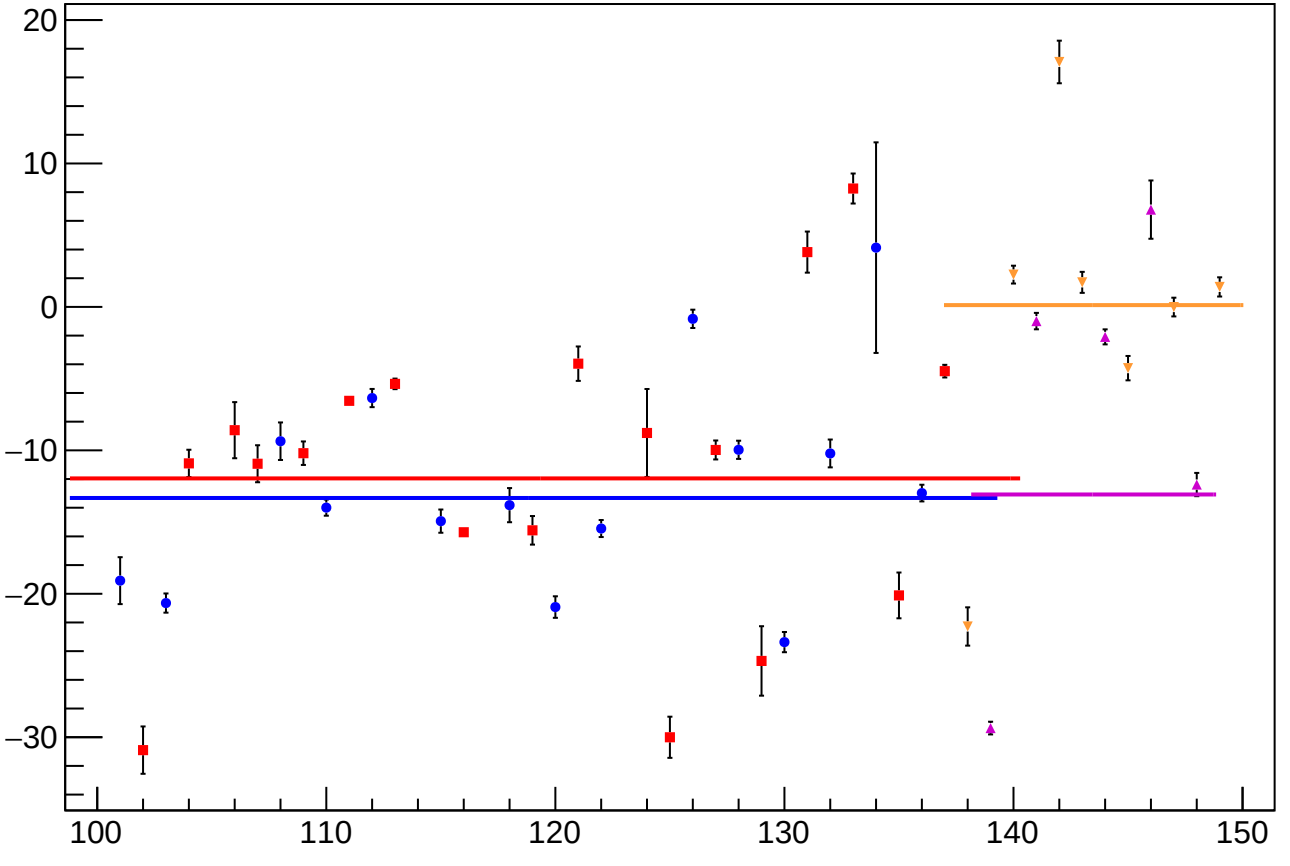
Right: -230.117+/-0.027 χ^2/NDF: 1452870.5/32

In: -219.946+/-0.026 χ^2/NDF:809094.2/19

Out: -215.191+/-0.022 χ^2/NDF:1094826.7/24

All: -217.239+/-0.017 χ^2/NDF: 1923445.1/44

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF: 1013.0/14

Left Out: 0.126+/-0.296 χ^2/NDF:458.6/6

Right Out: -11.956+/-0.113 χ^2/NDF: 2487.2/17

Left In: -13.077+/-0.272 χ^2/NDF:2329.5/4

Left: -7.033+/-0.200 χ^2/NDF: 3868.3/11

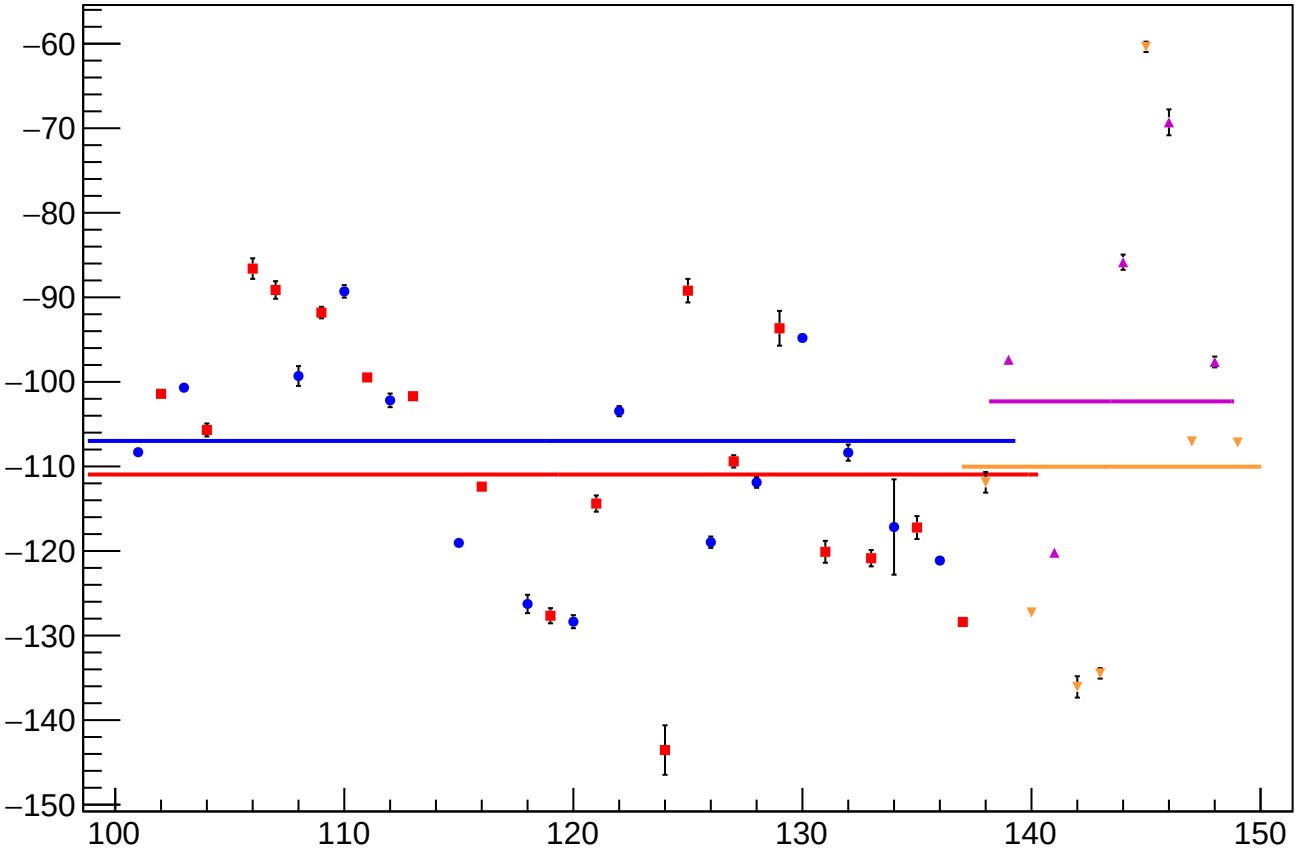
Right: -12.301+/-0.097 χ^2/NDF: 3537.3/32

In: -13.239+/-0.158 χ^2/NDF:3343.1/19

Out: -10.427+/-0.105 χ^2/NDF:4403.0/24

All: -11.293+/-0.088 χ^2/NDF: 7965.9/44

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF: 4658.3/14

Left Out: -110.030+/-0.237 χ^2/NDF:9962.3/6

Right Out: -110.955+/-0.050 χ^2/NDF: 10675.0/17

Left In: -102.306+/-0.244 χ^2/NDF:2561.9/4

Left: -106.281+/-0.170 χ^2/NDF: 13038.7/11

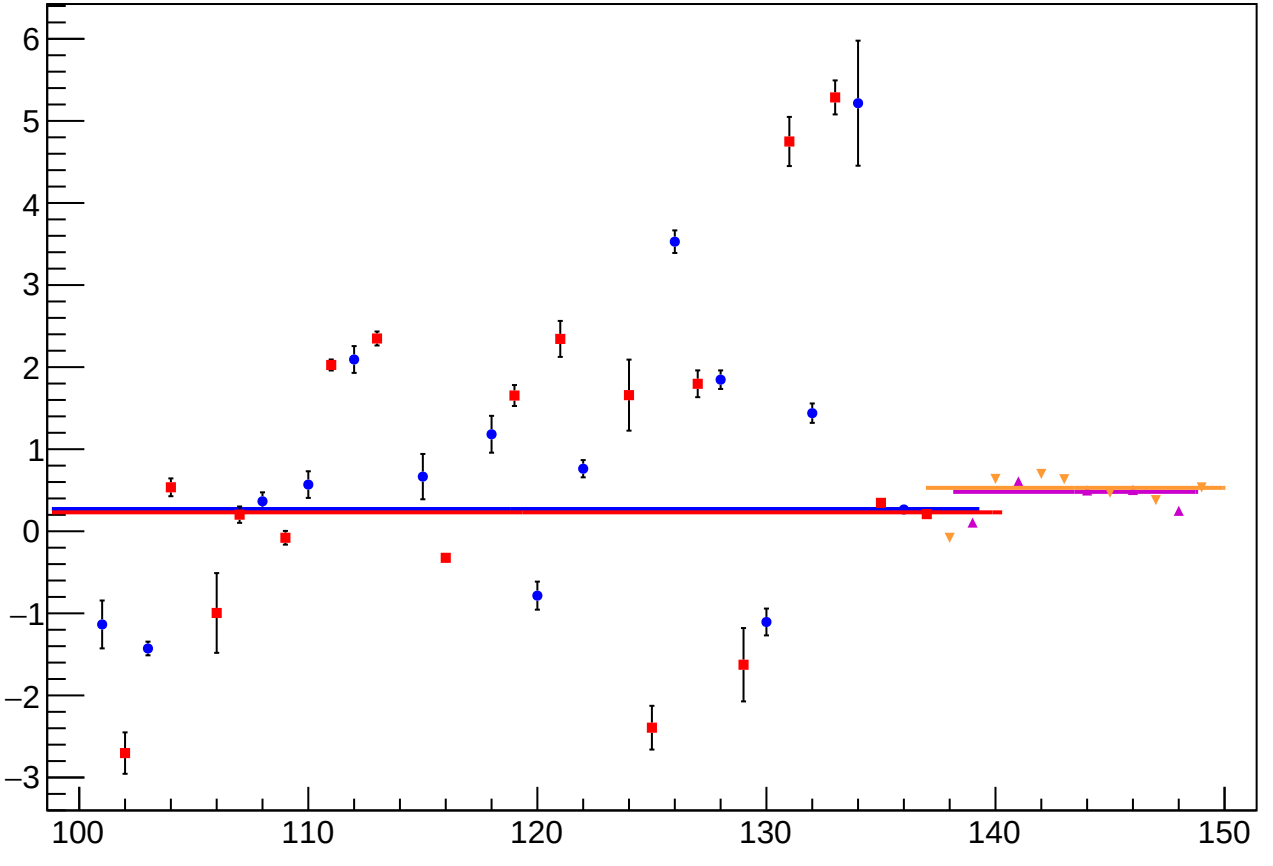
Right: -110.271+/-0.046 χ^2/NDF: 16412.2/32

In: -106.194+/-0.100 χ^2/NDF:7524.9/19

Out: -110.915+/-0.049 χ^2/NDF:20651.8/24

All: -110.003+/-0.044 χ^2/NDF: 29963.6/44

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF: 1612.2/14

Left Out: 0.529+/-0.004 χ^2/NDF:1297.7/6

Right Out: 0.231+/-0.004 χ^2/NDF: 2907.8/17

Left In: 0.480+/-0.004 χ^2/NDF:2561.9/4

Left: 0.500+/-0.003 χ^2/NDF: 3936.9/11

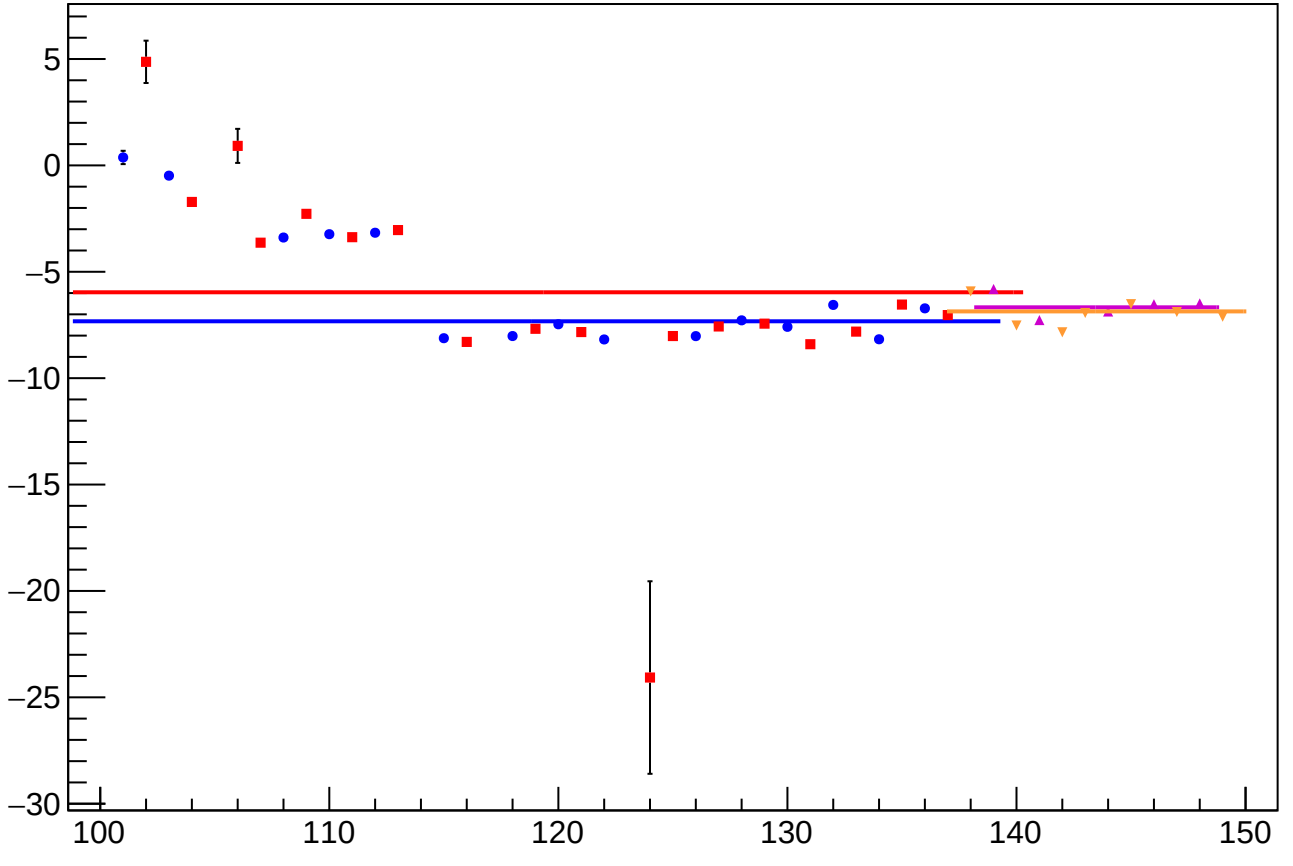
Right: 0.247+/-0.003 χ^2/NDF: 4554.2/32

In: 0.415+/-0.003 χ^2/NDF:5236.4/19

Out: 0.385+/-0.003 χ^2/NDF:6560.4/24

All: 0.401+/-0.002 χ^2/NDF: 11847.3/44

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF: 30494.2/14

Left Out: -6.862+/-0.010 χ^2/NDF:1564.4/6

Right Out: -5.964+/-0.009 χ^2/NDF: 71807.1/17

Left In: -6.671+/-0.009 χ^2/NDF:2737.6/4

Left: -6.759+/-0.007 χ^2/NDF: 4501.6/11

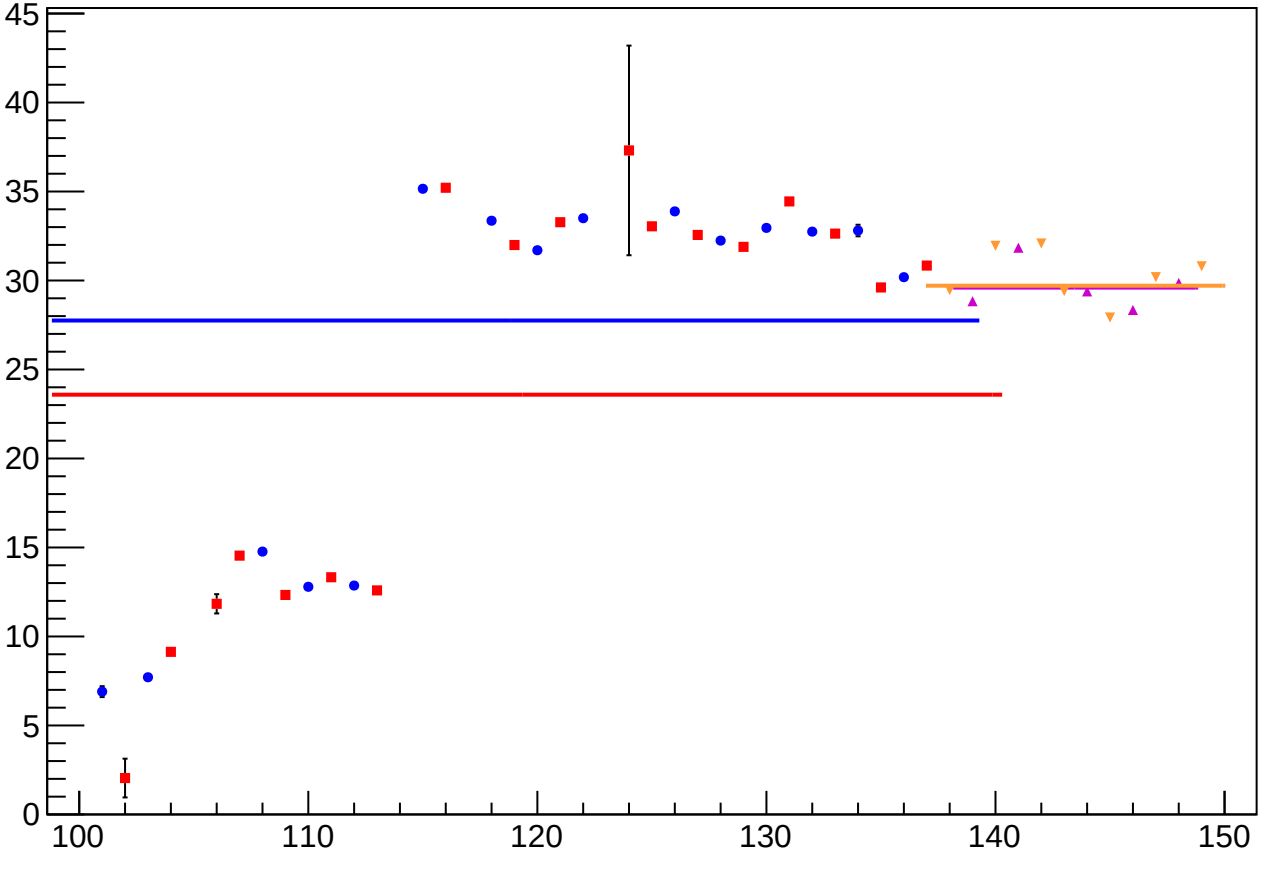
Right: -6.677+/-0.006 χ^2/NDF: 114918.0/32

In: -7.029+/-0.006 χ^2/NDF:36014.5/19

Out: -6.356+/-0.007 χ^2/NDF:77949.5/24

All: -6.713+/-0.005 χ^2/NDF: 119500.7/44

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2/NDF: 332926.6/14

Left Out: 29.708+/-0.018 χ^2/NDF:6566.3/6

Right Out: 23.585+/-0.014 χ^2/NDF: 539616.2/17

Left In: 29.601+/-0.023 χ^2/NDF:1450.3/4

Left: 29.666+/-0.014 χ^2/NDF: 8030.1/11

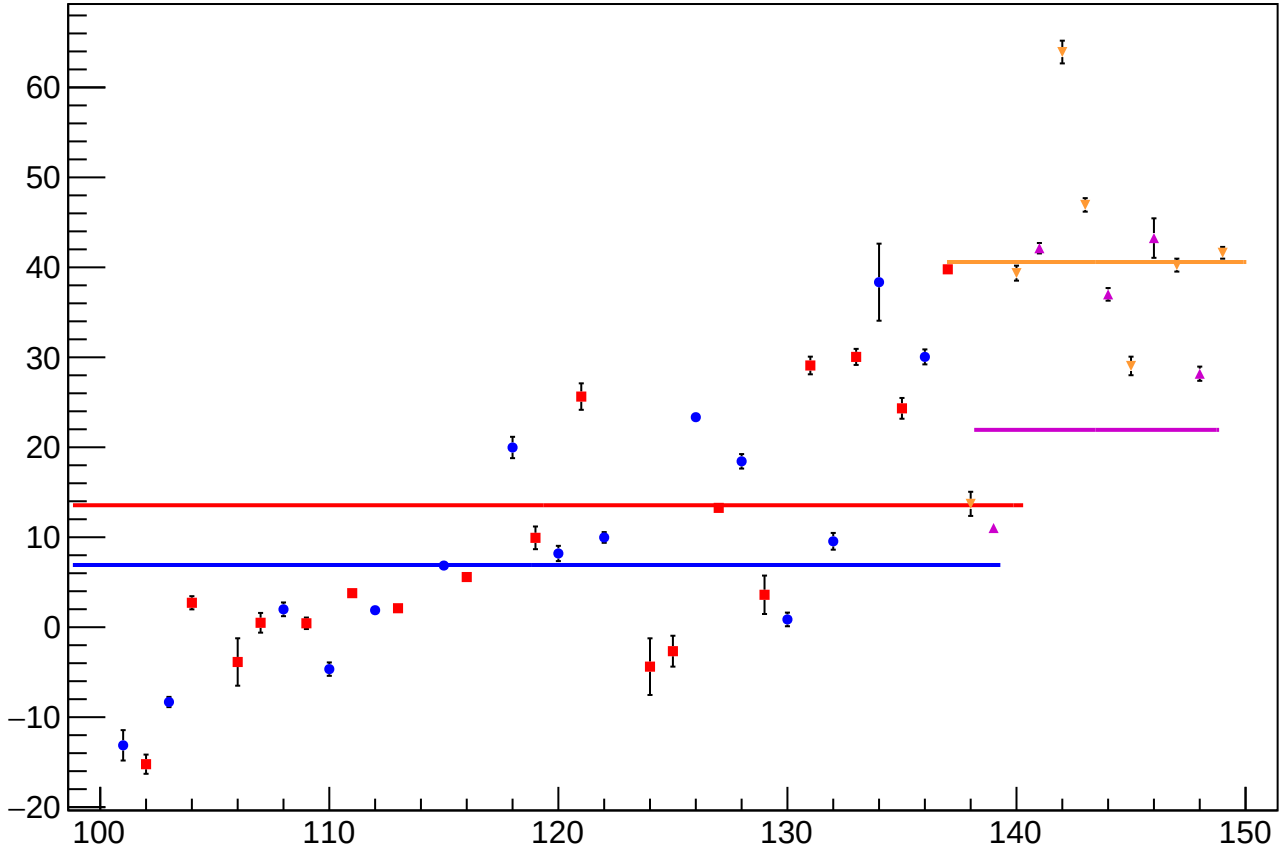
Right: 25.477+/-0.010 χ^2/NDF: 914478.1/32

In: 28.309+/-0.013 χ^2/NDF:338932.7/19

Out: 25.804+/-0.011 χ^2/NDF:618460.4/24

All: 26.885+/-0.008 χ^2/NDF: 979975.9/44

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916+/-0.177 χ^2/NDF: 3503.2/14

Left Out: 40.595+/-0.323 χ^2/NDF:943.9/6

Right Out: 13.557+/-0.145 χ^2/NDF: 11657.2/17

Left In: 21.937+/-0.247 χ^2/NDF:2978.0/4

Left: 28.810+/-0.196 χ^2/NDF: 6030.7/11

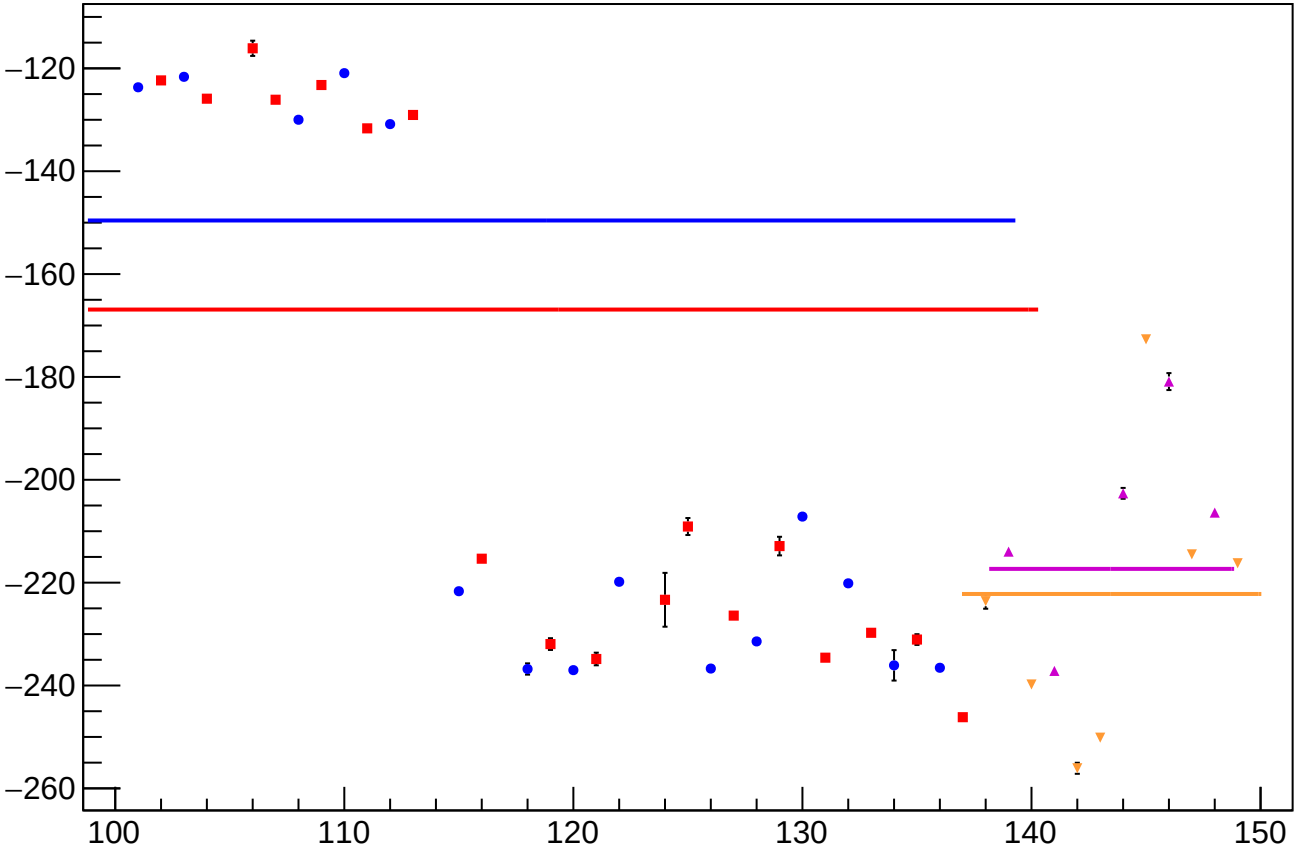
Right: 10.880+/-0.112 χ^2/NDF: 16004.9/32

In: 12.007+/-0.144 χ^2/NDF:8934.2/19

Out: 18.097+/-0.132 χ^2/NDF:18435.0/24

All: 15.299+/-0.097 χ^2/NDF: 28342.5/44

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF: 195091.5/14

Left Out: -222.202+/-0.268 χ^2/NDF:8545.6/6

Right Out: -166.899+/-0.101 χ^2/NDF: 295489.9/17

Left In: -217.323+/-0.218 χ^2/NDF:3038.8/4

Left: -219.263+/-0.169 χ^2/NDF: 11784.0/11

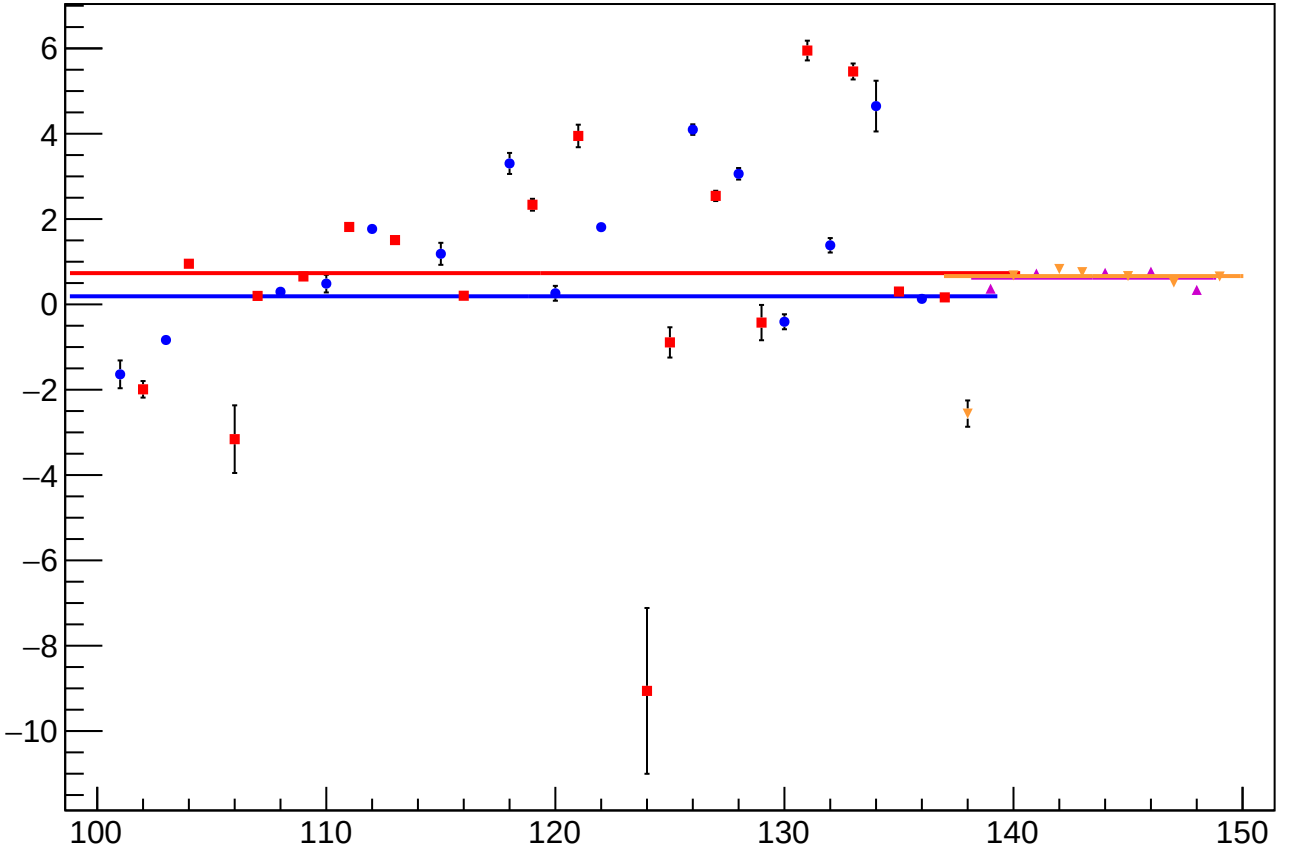
Right: -158.264+/-0.071 χ^2/NDF: 505360.9/32

In: -161.549+/-0.092 χ^2/NDF:277814.9/19

Out: -173.725+/-0.094 χ^2/NDF:341345.3/24

All: -167.463+/-0.066 χ^2/NDF: 627756.4/44

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190+/-0.009 χ^2/NDF: 2727.5/14

Left Out: 0.664+/-0.005 χ^2/NDF:413.3/6

Right Out: 0.733+/-0.020 χ^2/NDF: 2666.9/17

Left In: 0.626+/-0.005 χ^2/NDF:1019.7/4

Left: 0.645+/-0.004 χ^2/NDF: 1458.2/11

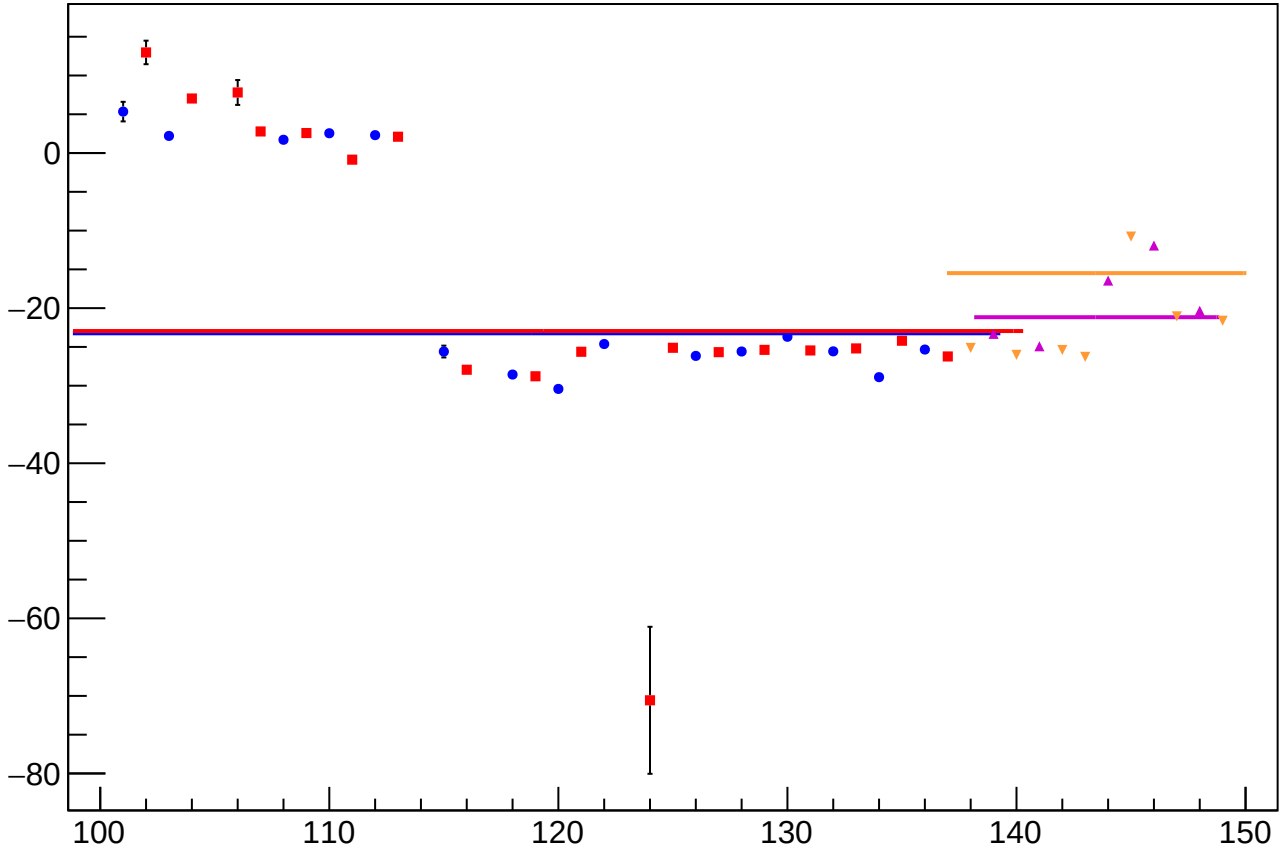
Right: 0.276+/-0.008 χ^2/NDF: 6029.4/32

In: 0.506+/-0.005 χ^2/NDF:5606.1/19

Out: 0.668+/-0.005 χ^2/NDF:3091.6/24

All: 0.577+/-0.003 χ^2/NDF: 9262.0/44

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF: 103102.8/14

Left Out: -15.484+/-0.021 χ^2/NDF:94962.0/6

Right Out: -22.951+/-0.025 χ^2/NDF: 108039.1/17

Left In: -21.168+/-0.043 χ^2/NDF:7859.2/4

Left: -16.543+/-0.019 χ^2/NDF: 116890.0/11

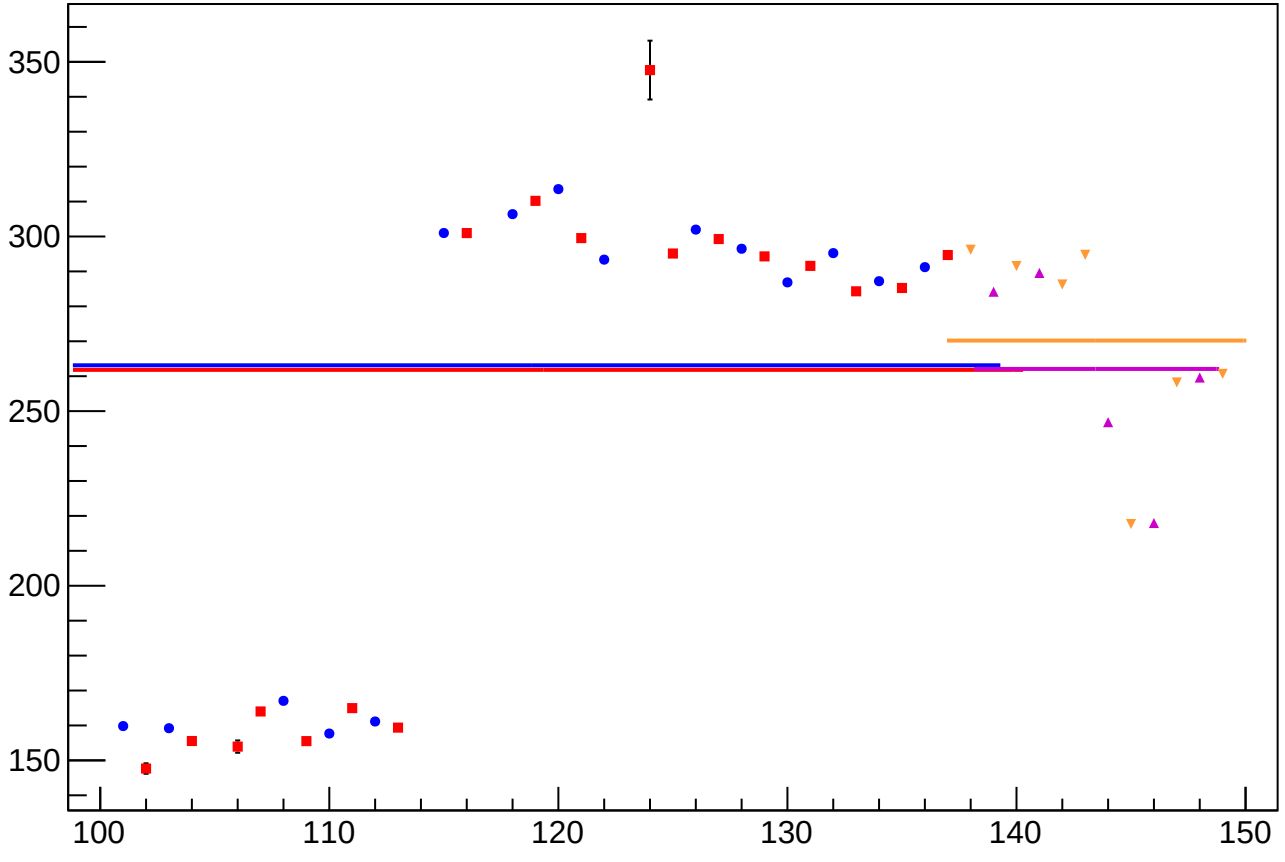
Right: -23.095+/-0.017 χ^2/NDF: 211210.7/32

In: -22.729+/-0.021 χ^2/NDF:112693.6/19

Out: -18.565+/-0.016 χ^2/NDF:256729.1/24

All: -20.033+/-0.013 χ^2/NDF: 393734.7/44

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF: 692885.4/14

Left Out: 270.202+/-0.065 χ^2/NDF:176958.8/6

Right Out: 261.814+/-0.060 χ^2/NDF: 1006189.6/17

Left In: 262.077+/-0.085 χ^2/NDF:34697.7/4

Left: 267.202+/-0.051 χ^2/NDF: 217482.0/11

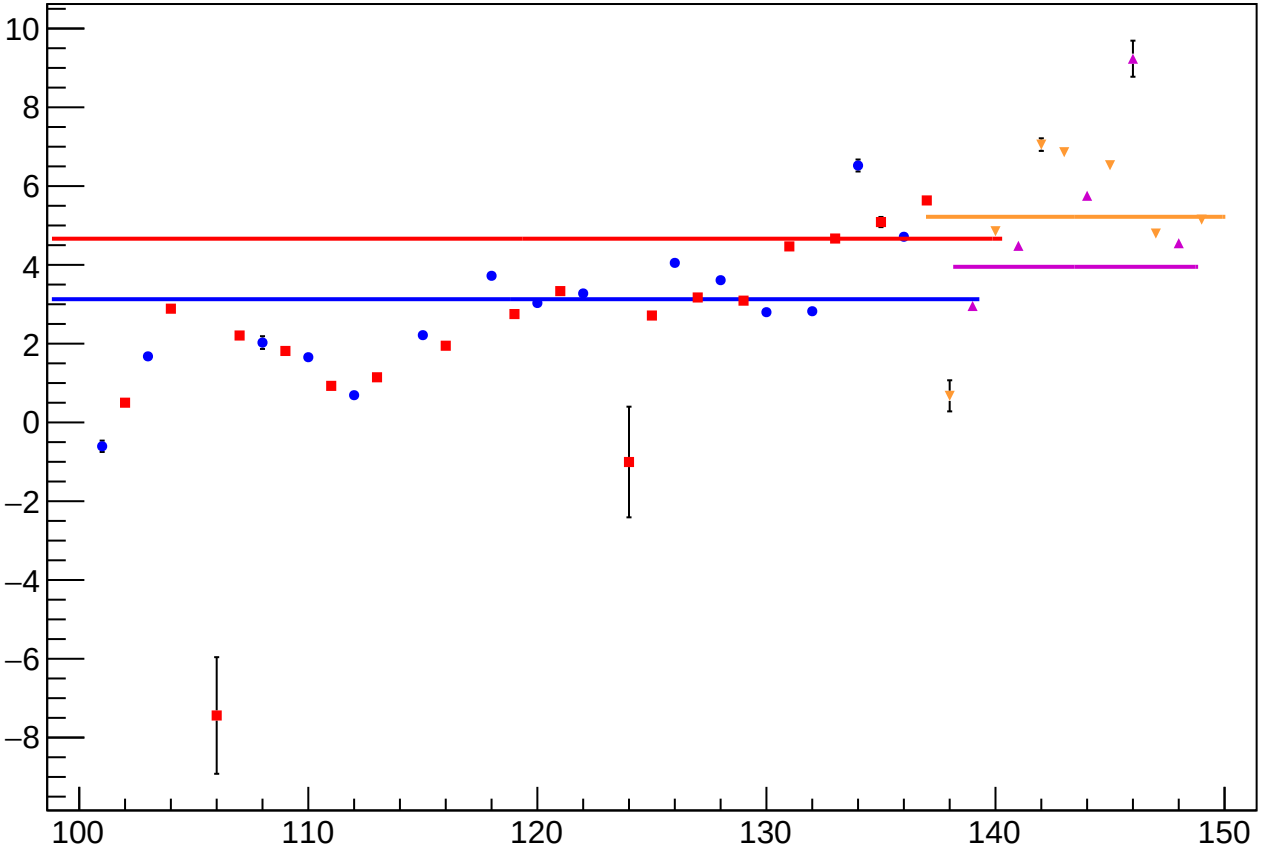
Right: 262.381+/-0.045 χ^2/NDF: 1699277.6/32

In: 262.703+/-0.053 χ^2/NDF:727674.4/19

Out: 265.724+/-0.044 χ^2/NDF:1192125.6/24

All: 264.499+/-0.034 χ^2/NDF: 1921696.7/44

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128+/-0.016 χ^2/NDF: 5667.8/14

Left Out: 5.220+/-0.022 χ^2/NDF:776.9/6

Right Out: 4.664+/-0.006 χ^2/NDF: 66862.5/17

Left In: 3.951+/-0.026 χ^2/NDF:1533.6/4

Left: 4.677+/-0.017 χ^2/NDF: 3689.3/11

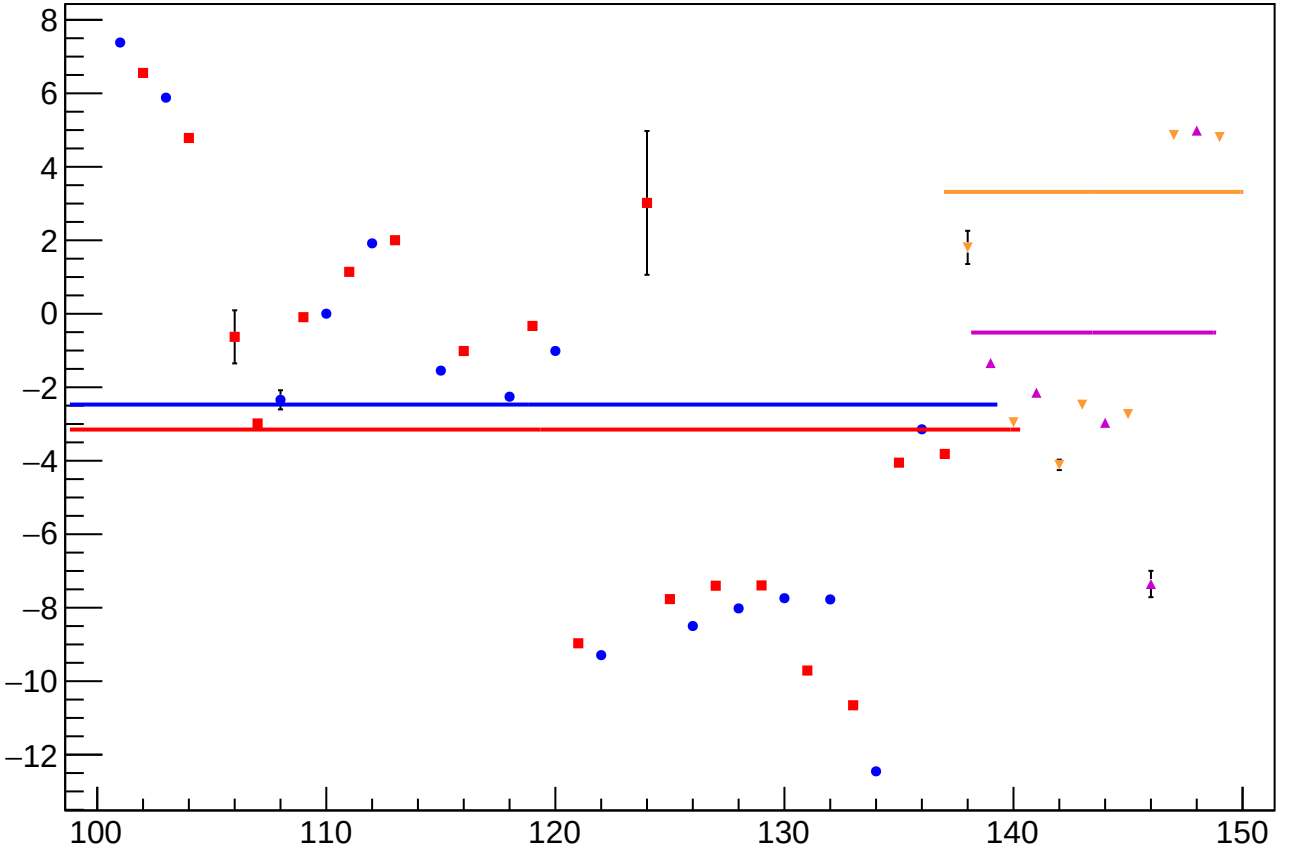
Right: 4.450+/-0.006 χ^2/NDF: 80704.7/32

In: 3.351+/-0.013 χ^2/NDF:7939.2/19

Out: 4.706+/-0.006 χ^2/NDF:68211.5/24

All: 4.474+/-0.006 χ^2/NDF: 84555.2/44

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471+/-0.014 χ^2/NDF: 242579.9/14

Left Out: 3.318+/-0.019 χ^2/NDF:27215.3/6

Right Out: -3.151+/-0.007 χ^2/NDF: 247427.7/17

Left In: -0.511+/-0.025 χ^2/NDF:13794.9/4

Left: 1.989+/-0.015 χ^2/NDF: 55818.6/11

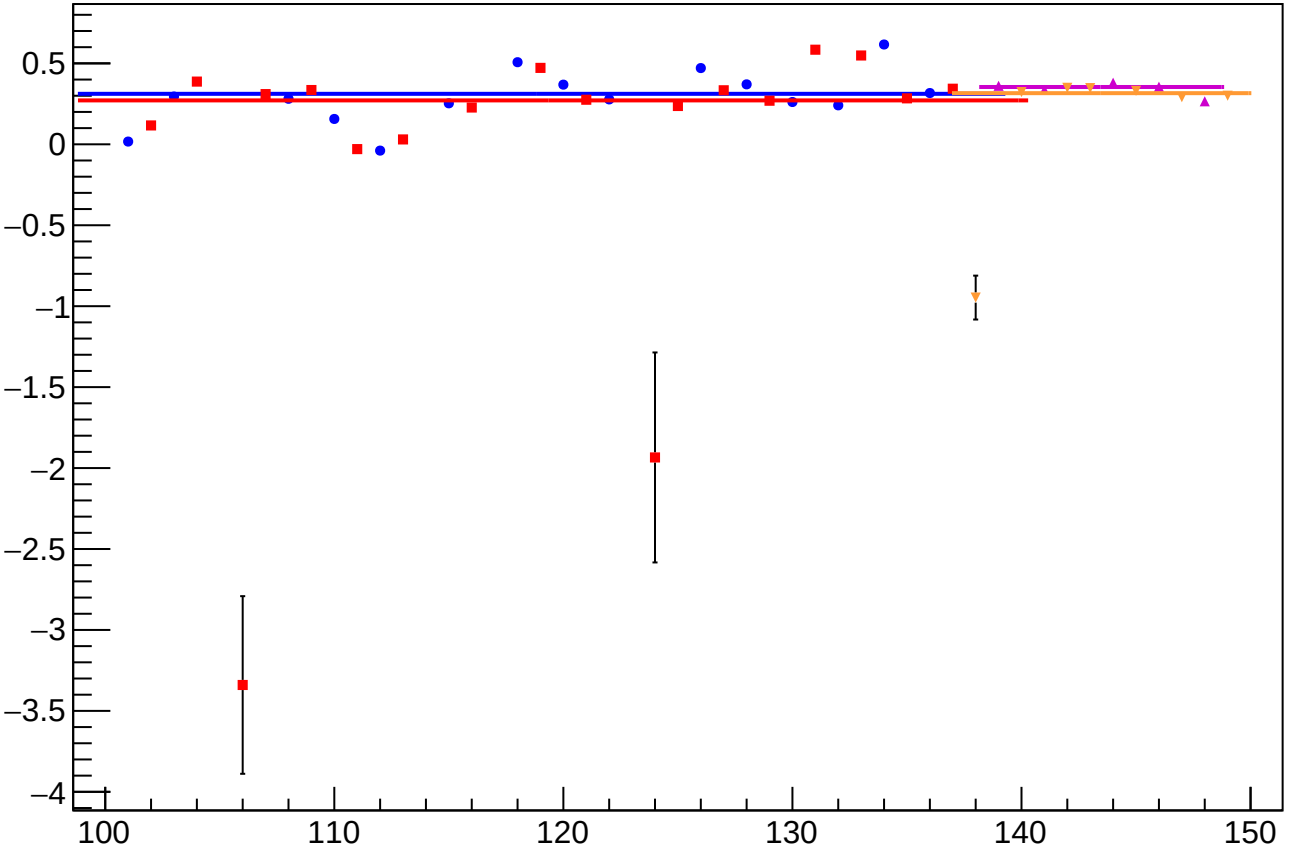
Right: -3.003+/-0.007 χ^2/NDF: 491827.6/32

In: -2.010+/-0.012 χ^2/NDF:260920.8/19

Out: -2.255+/-0.007 χ^2/NDF:379599.2/24

All: -2.196+/-0.006 χ^2/NDF: 640820.7/44

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312+/-0.001 χ^2/NDF: 1319.2/14

Left Out: 0.316+/-0.001 χ^2/NDF:559.0/6

Right Out: 0.271+/-0.002 χ^2/NDF: 6144.7/17

Left In: 0.354+/-0.001 χ^2/NDF:1211.6/4

Left: 0.332+/-0.001 χ^2/NDF: 2285.3/11

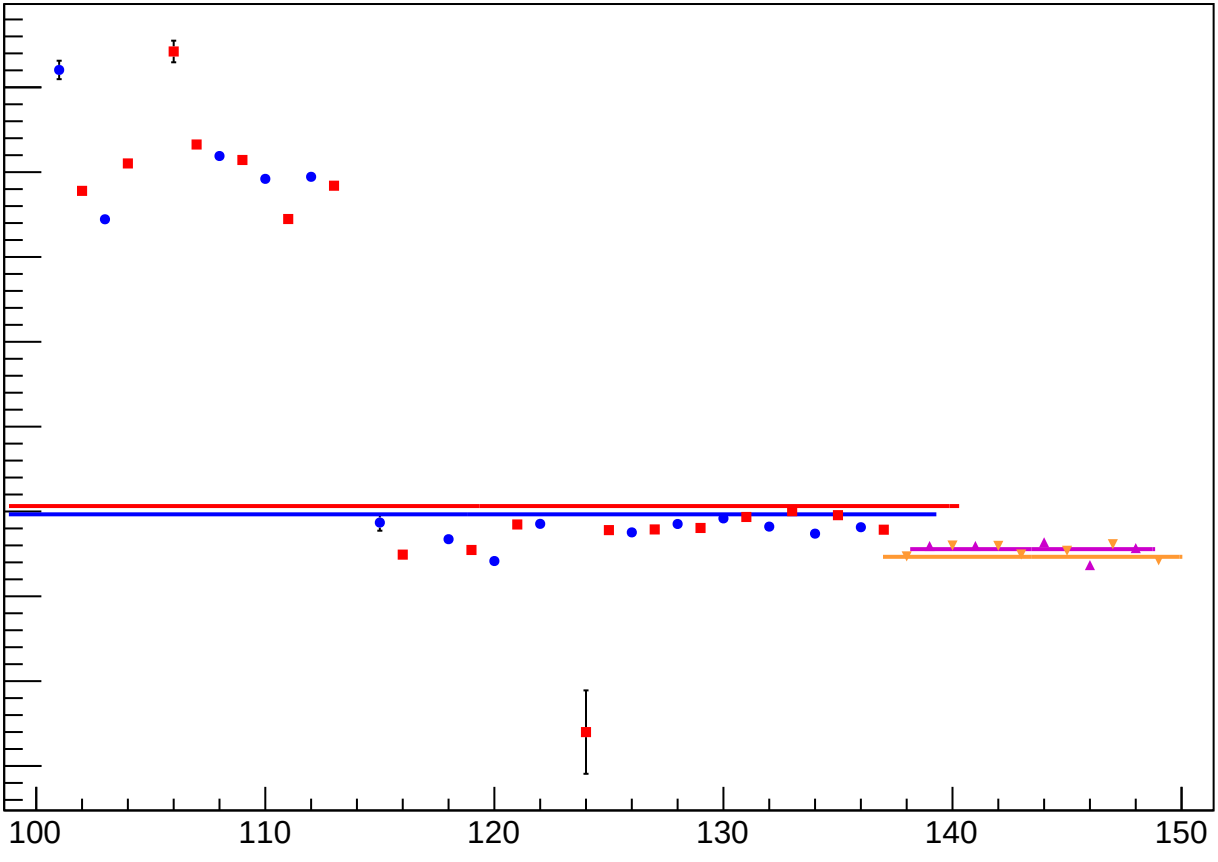
Right: 0.301+/-0.001 χ^2/NDF: 7735.2/32

In: 0.333+/-0.001 χ^2/NDF:3070.3/19

Out: 0.307+/-0.001 χ^2/NDF:7059.6/24

All: 0.321+/-0.001 χ^2/NDF: 10523.8/44

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF: 245568.8/14

Left Out: 32.328+/-0.007 χ^2/NDF:1791.8/6

Right Out: 35.319+/-0.010 χ^2/NDF: 261492.0/17

Left In: 32.780+/-0.013 χ^2/NDF:1415.2/4

Left: 32.432+/-0.006 χ^2/NDF: 4128.7/11

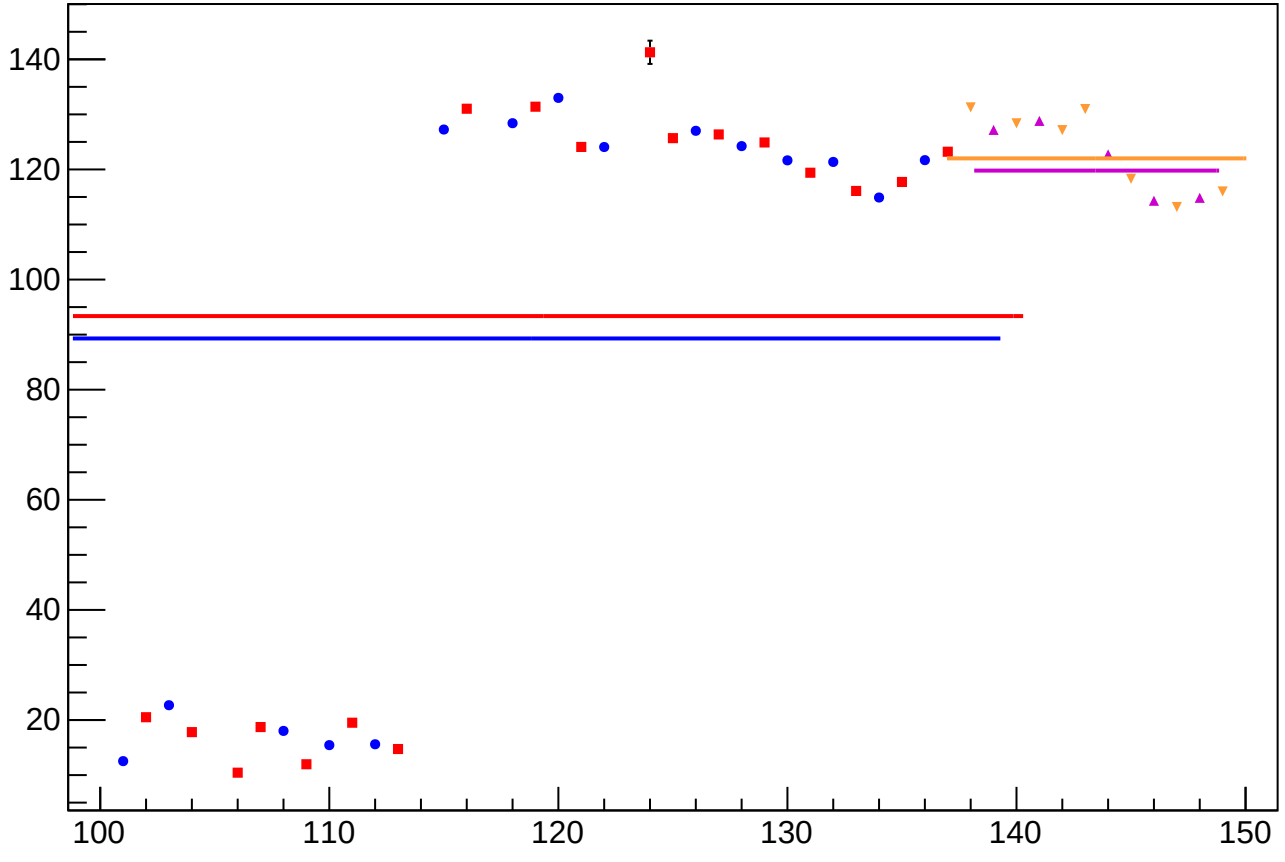
Right: 35.041+/-0.007 χ^2/NDF: 508429.6/32

In: 34.210+/-0.007 χ^2/NDF:264145.9/19

Out: 33.346+/-0.006 χ^2/NDF:322868.0/24

All: 33.687+/-0.005 χ^2/NDF: 595750.4/44

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF: 3034485.1/14

Left Out: 122.008+/-0.026 χ^2/NDF:69589.3/6

Right Out: 93.367+/-0.030 χ^2/NDF: 2852493.6/17

Left In: 119.793+/-0.039 χ^2/NDF:25441.2/4

Left: 121.329+/-0.022 χ^2/NDF: 97274.8/11

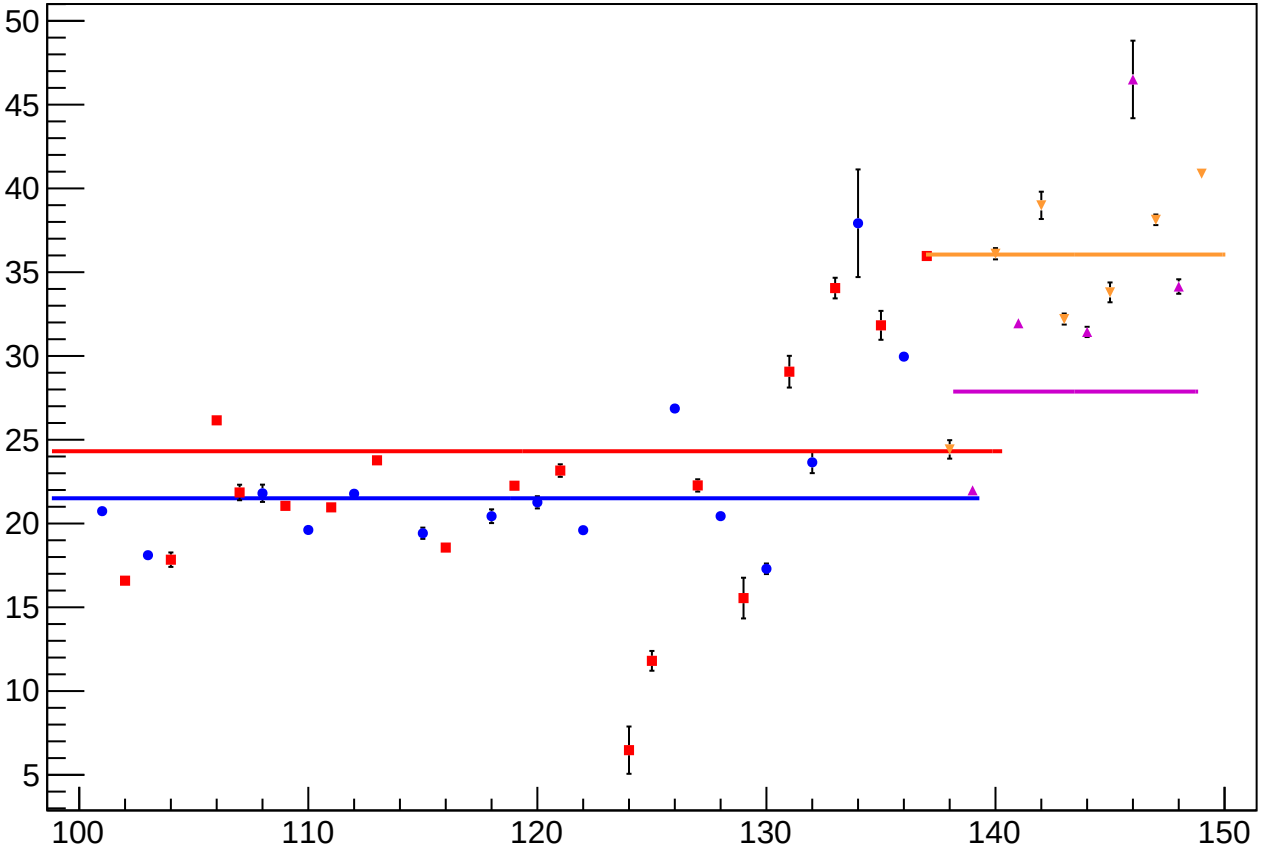
Right: 91.158+/-0.020 χ^2/NDF: 5896996.6/32

In: 99.424+/-0.022 χ^2/NDF:3469866.3/19

Out: 109.758+/-0.020 χ^2/NDF:3445709.1/24

All: 105.287+/-0.015 χ^2/NDF: 7036057.3/44

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507+/-0.072 χ^2/NDF: 2963.0/14

Left Out: 36.054+/-0.146 χ^2/NDF:916.4/6

Right Out: 24.314+/-0.058 χ^2/NDF: 14295.4/17

Left In: 27.875+/-0.135 χ^2/NDF:1468.8/4

Left: 31.664+/-0.099 χ^2/NDF: 4076.2/11

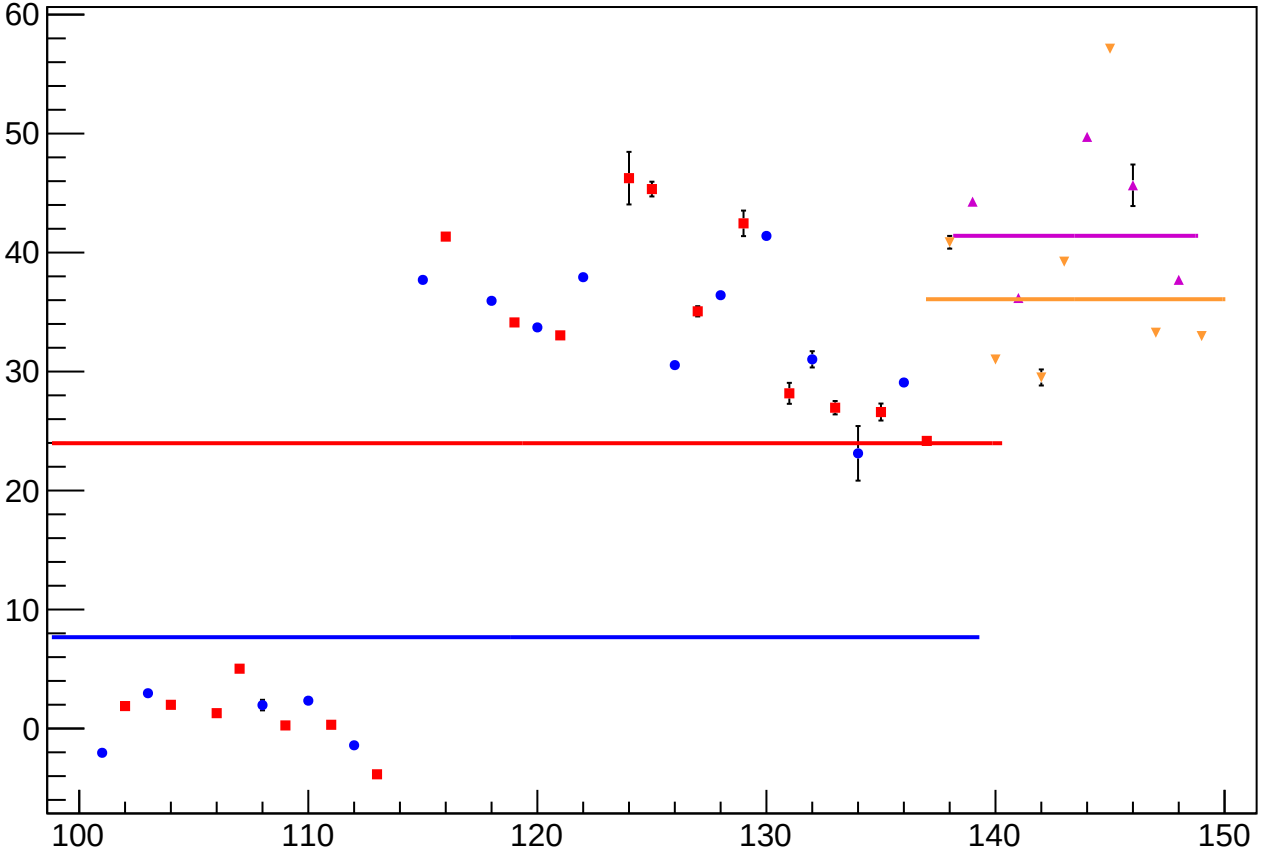
Right: 23.204+/-0.045 χ^2/NDF: 18169.2/32

In: 22.921+/-0.064 χ^2/NDF:6152.8/19

Out: 25.942+/-0.054 χ^2/NDF:20802.5/24

All: 24.674+/-0.041 χ^2/NDF: 28256.6/44

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF: 96442.5/14

Left Out: 36.079+/-0.119 χ^2/NDF:3377.0/6

Right Out: 23.977+/-0.008 χ^2/NDF: 110564.0/17

Left In: 41.408+/-0.118 χ^2/NDF:1519.2/4

Left: 38.784+/-0.084 χ^2/NDF: 5907.7/11

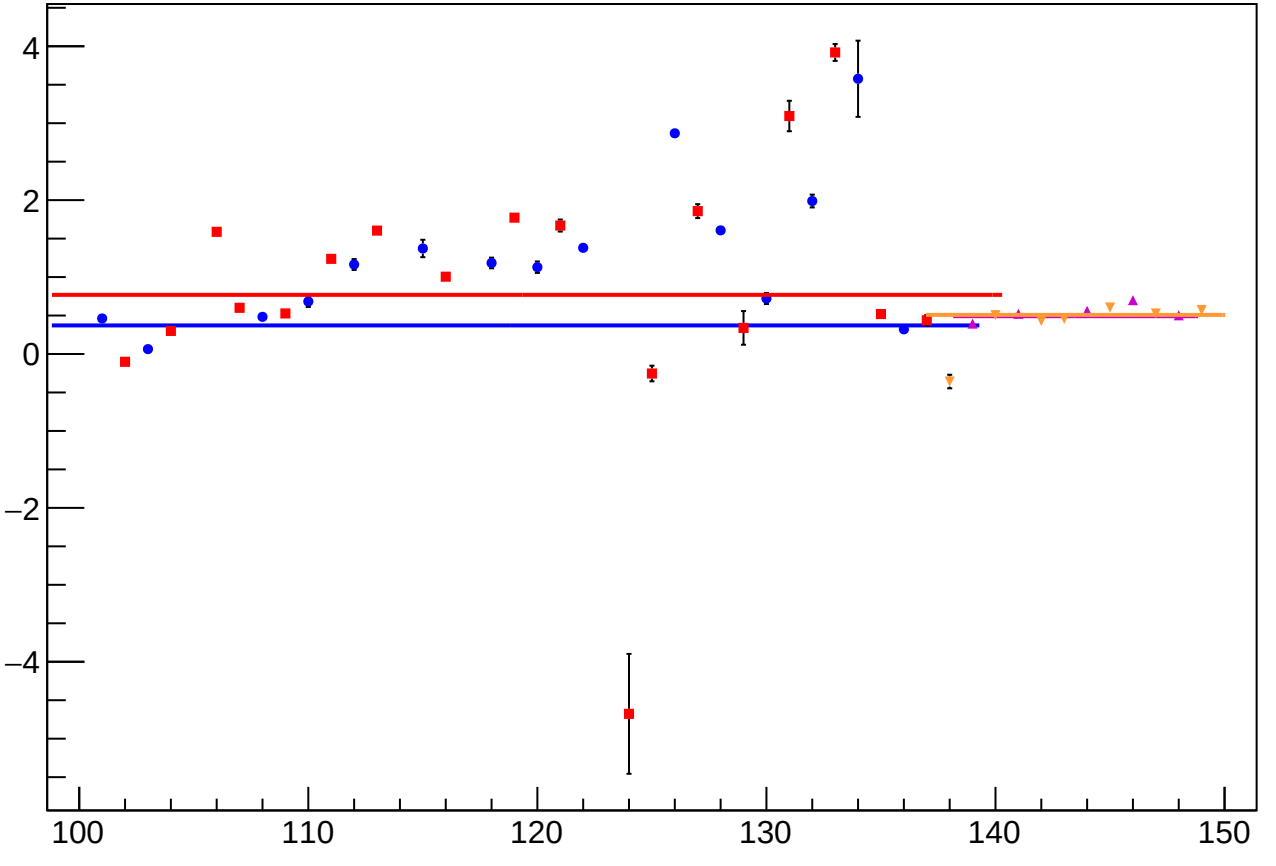
Right: 23.461+/-0.008 χ^2/NDF: 332774.6/32

In: 12.024+/-0.042 χ^2/NDF:169651.3/19

Out: 24.034+/-0.008 χ^2/NDF:124170.9/24

All: 23.601+/-0.008 χ^2/NDF: 371833.4/44

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF: 4748.7/14

Left Out: 0.508+/-0.002 χ^2/NDF:546.7/6

Right Out: 0.769+/-0.007 χ^2/NDF: 4137.5/17

Left In: 0.491+/-0.003 χ^2/NDF:606.7/4

Left: 0.502+/-0.002 χ^2/NDF: 1177.3/11

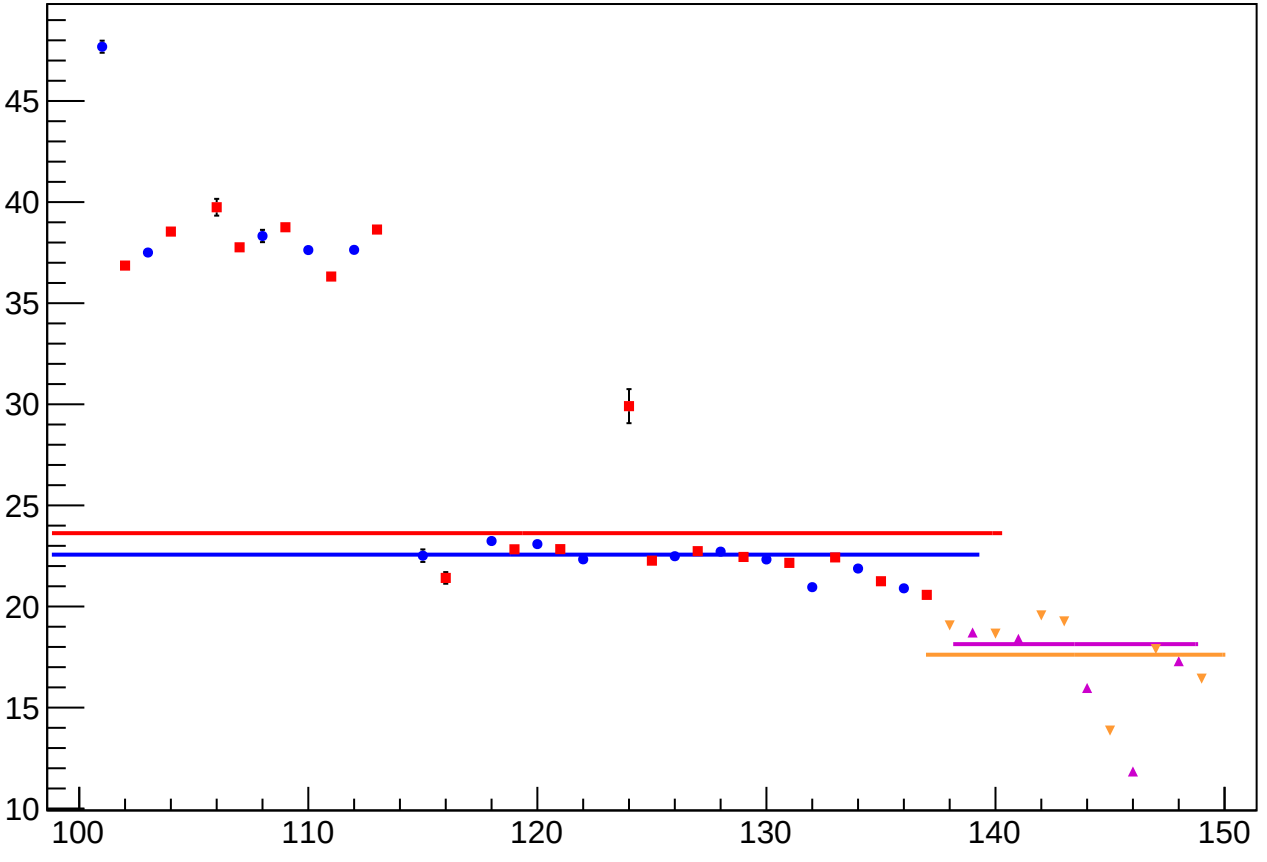
Right: 0.484+/-0.004 χ^2/NDF: 11237.9/32

In: 0.457+/-0.002 χ^2/NDF:5896.9/19

Out: 0.531+/-0.002 χ^2/NDF:5969.3/24

All: 0.499+/-0.002 χ^2/NDF: 12434.4/44

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF: 92859.1/14

Left Out: 17.616+/-0.010 χ^2/NDF:38547.3/6

Right Out: 23.627+/-0.011 χ^2/NDF: 123194.1/17

Left In: 18.139+/-0.018 χ^2/NDF:4316.4/4

Left: 17.748+/-0.009 χ^2/NDF: 43529.9/11

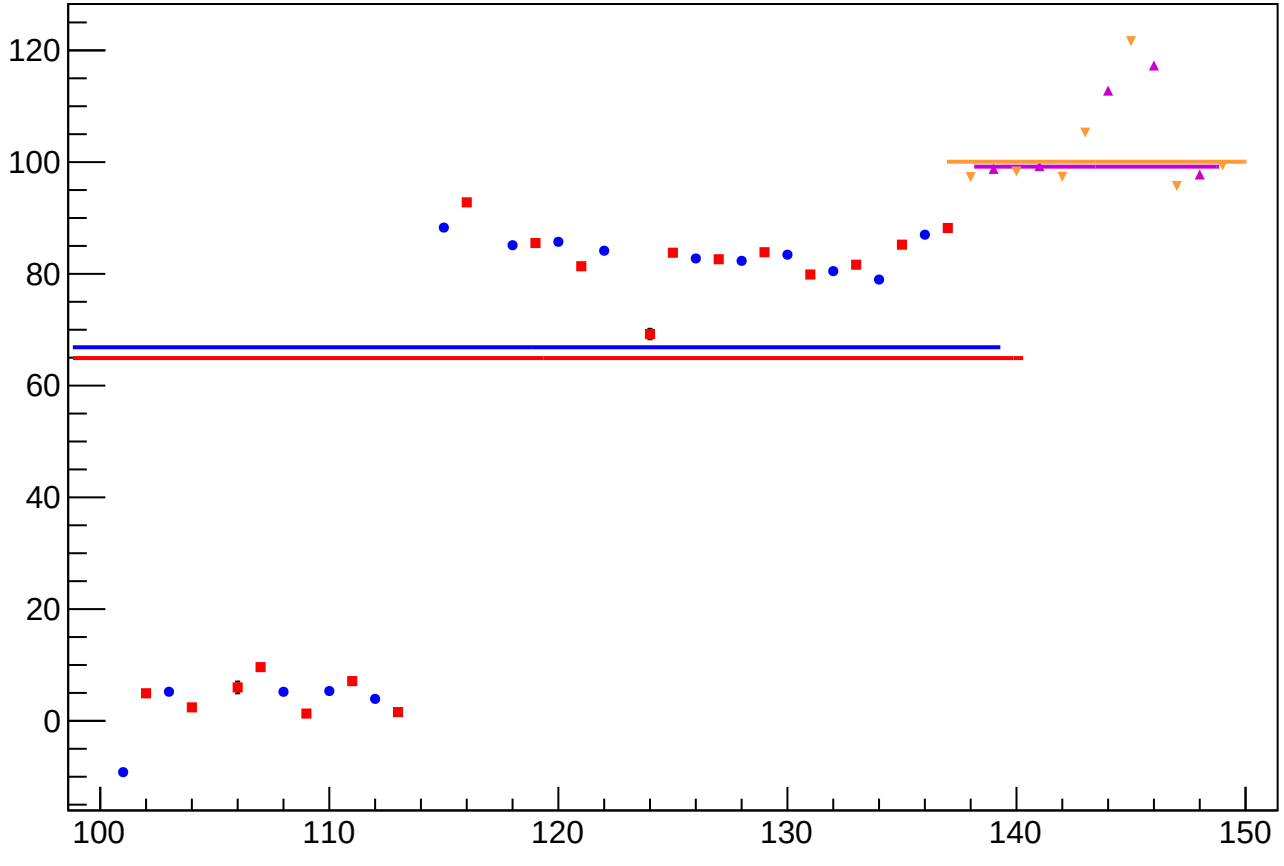
Right: 23.044+/-0.008 χ^2/NDF: 220970.6/32

In: 21.448+/-0.009 χ^2/NDF:144913.3/19

Out: 20.324+/-0.008 χ^2/NDF:319396.0/24

All: 20.800+/-0.006 χ^2/NDF: 473735.2/44

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF: 1494212.3/14

Left Out: 100.074+/-0.018 χ^2/NDF:58939.4/6

Right Out: 64.929+/-0.030 χ^2/NDF: 1334580.7/17

Left In: 99.190+/-0.029 χ^2/NDF:4723.3/4

Left: 99.827+/-0.016 χ^2/NDF: 64316.2/11

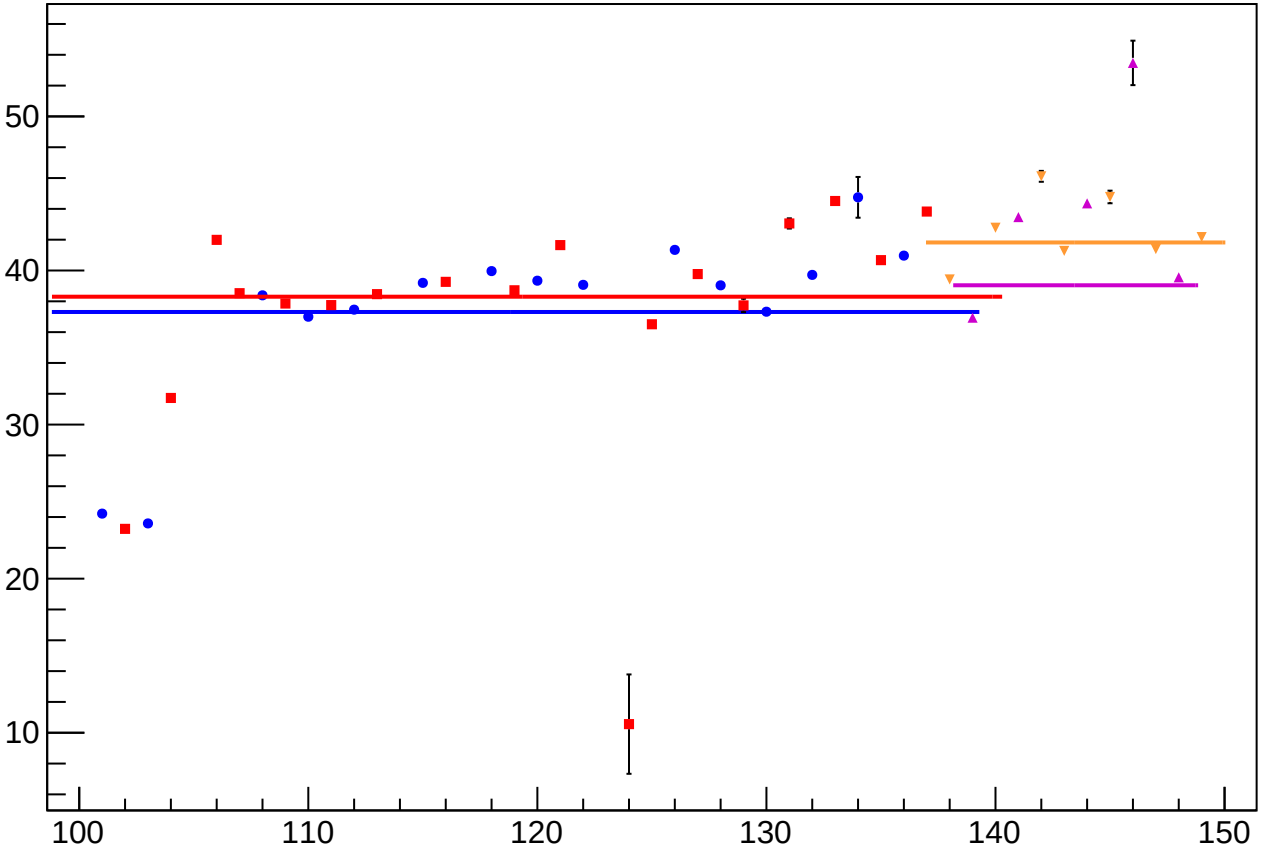
Right: 65.988+/-0.020 χ^2/NDF: 2831116.5/32

In: 81.715+/-0.020 χ^2/NDF:2154404.8/19

Out: 90.435+/-0.016 χ^2/NDF:2407871.1/24

All: 87.124+/-0.012 χ^2/NDF: 4681420.8/44

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308+/-0.023 χ^2/NDF: 59580.0/14

Left Out: 41.820+/-0.060 χ^2/NDF:385.2/6

Right Out: 38.300+/-0.021 χ^2/NDF: 18840.0/17

Left In: 39.041+/-0.054 χ^2/NDF:3016.0/4

Left: 40.294+/-0.040 χ^2/NDF: 4595.3/11

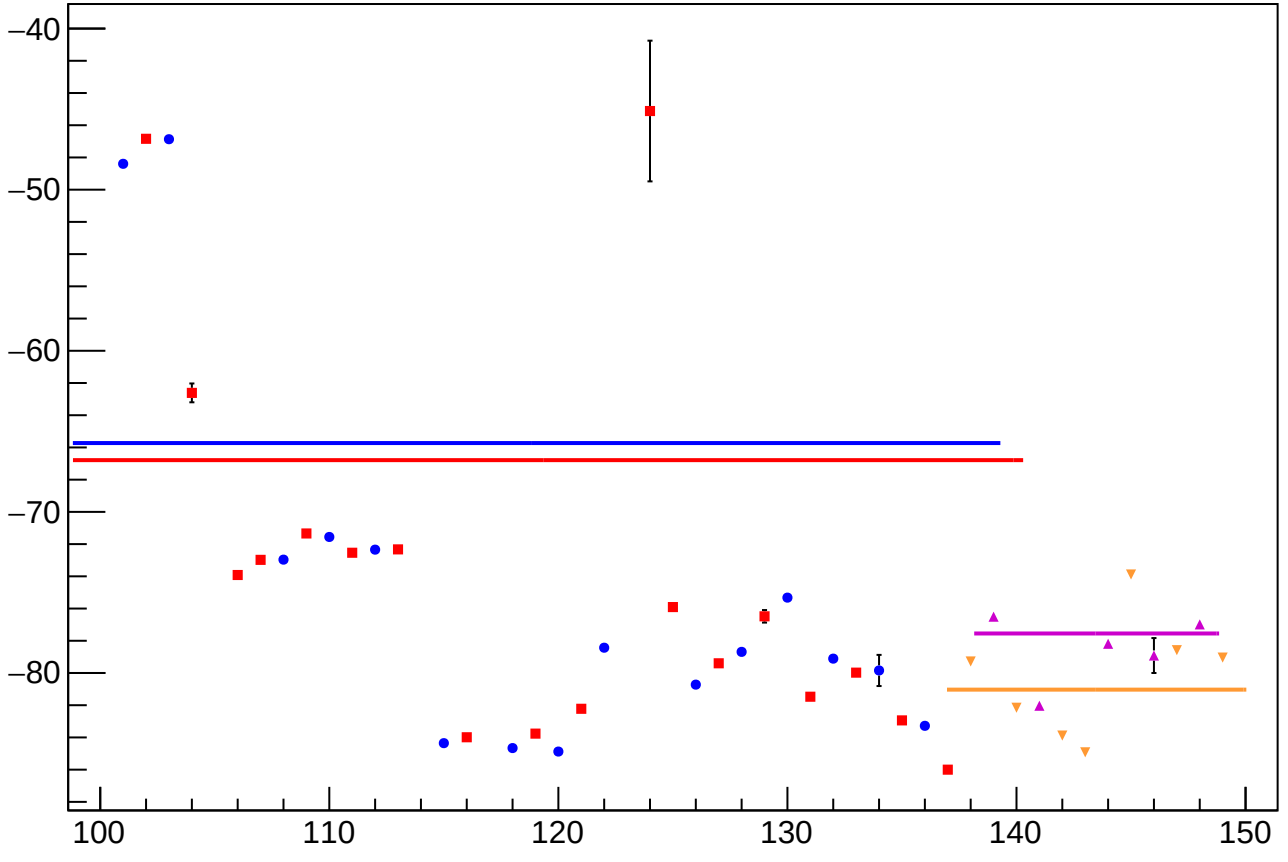
Right: 37.862+/-0.015 χ^2/NDF: 79451.9/32

In: 37.576+/-0.021 χ^2/NDF:63467.5/19

Out: 38.673+/-0.019 χ^2/NDF:22344.8/24

All: 38.173+/-0.014 χ^2/NDF: 87268.3/44

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728+/-0.017 χ^2/NDF: 903051.8/14

Left Out: -81.033+/-0.050 χ^2/NDF:3433.9/6

Right Out: -66.788+/-0.016 χ^2/NDF: 809356.5/17

Left In: -77.547+/-0.043 χ^2/NDF:2069.9/4

Left: -79.030+/-0.032 χ^2/NDF: 8325.4/11

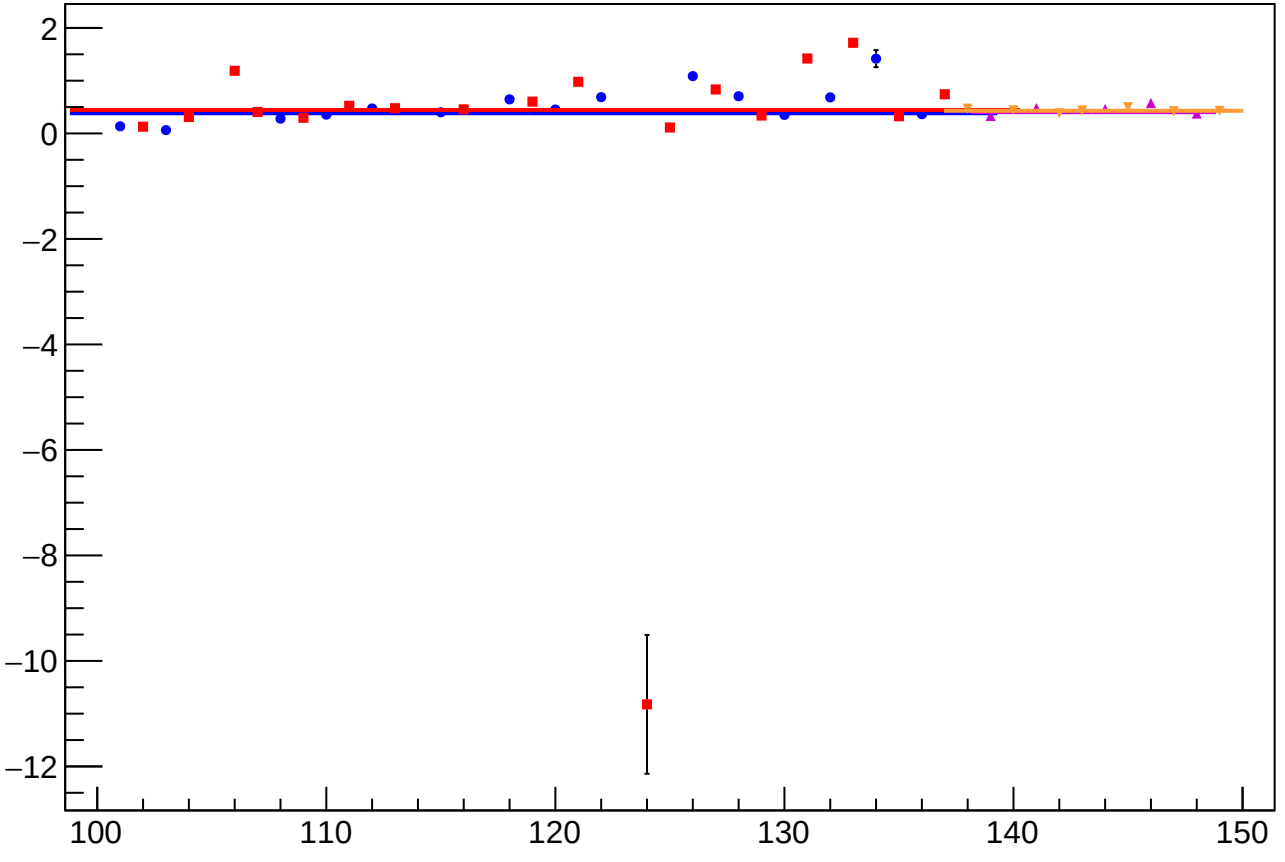
Right: -66.292+/-0.012 χ^2/NDF: 1714516.0/32

In: -67.314+/-0.016 χ^2/NDF:971164.3/19

Out: -68.095+/-0.015 χ^2/NDF:887278.5/24

All: -67.720+/-0.011 χ^2/NDF: 1859732.3/44

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF: 8173.1/14

Left Out: 0.429+/-0.001 χ^2/NDF:115.4/6

Right Out: 0.444+/-0.004 χ^2/NDF: 2786.2/17

Left In: 0.403+/-0.002 χ^2/NDF:2051.0/4

Left: 0.421+/-0.001 χ^2/NDF: 2374.1/11

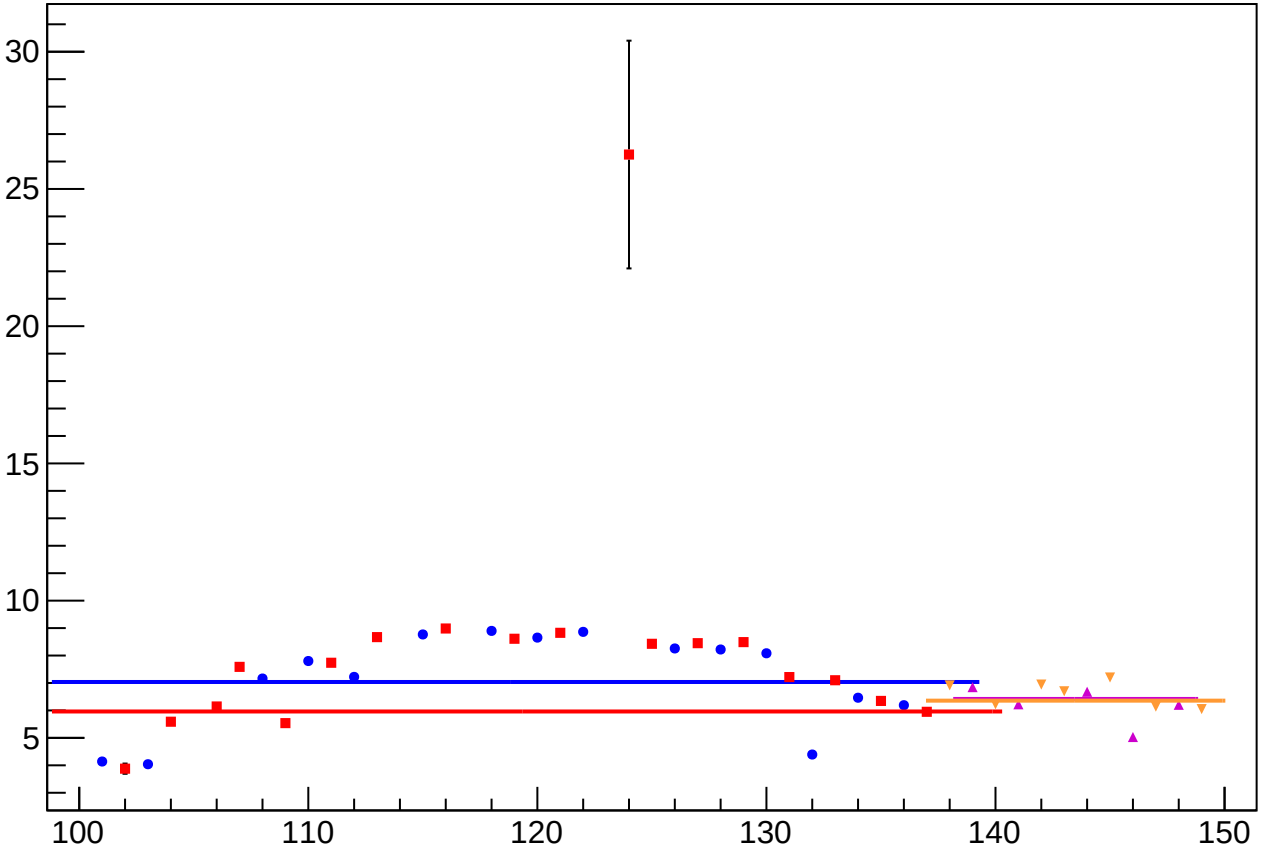
Right: 0.395+/-0.002 χ^2/NDF: 11182.8/32

In: 0.395+/-0.001 χ^2/NDF:10294.5/19

Out: 0.430+/-0.001 χ^2/NDF:2917.2/24

All: 0.416+/-0.001 χ^2/NDF: 13745.9/44

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF: 69905.1/14

Left Out: 6.356+/-0.003 χ^2/NDF:13117.9/6

Right Out: 5.962+/-0.000 χ^2/NDF: 168372.8/17

Left In: 6.418+/-0.004 χ^2/NDF:5102.2/4

Left: 6.380+/-0.002 χ^2/NDF: 18375.3/11

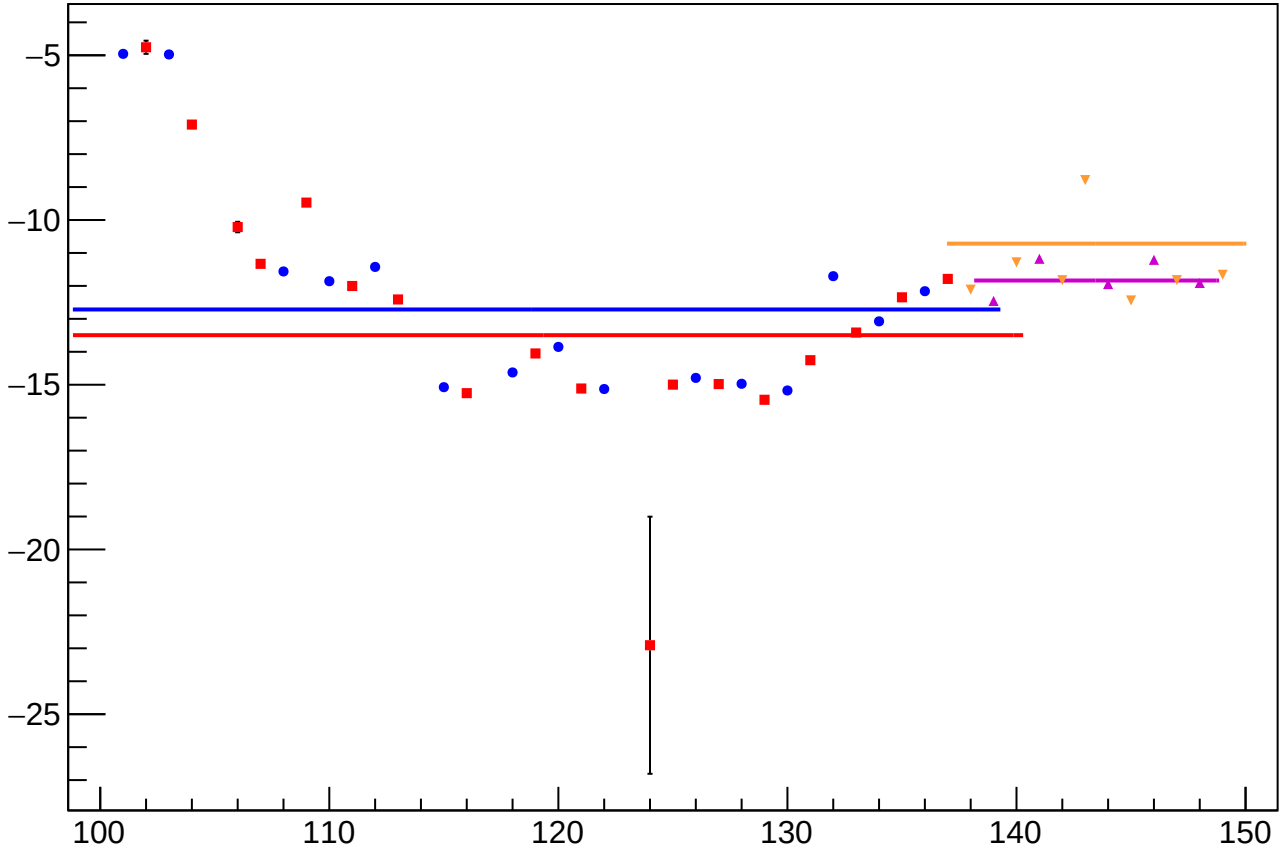
Right: 5.970+/-0.000 χ^2/NDF: 294275.6/32

In: 6.683+/-0.003 χ^2/NDF:85671.3/19

Out: 5.969+/-0.000 χ^2/NDF:198100.0/24

All: 5.982+/-0.000 χ^2/NDF: 340906.5/44

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF: 85219.4/14

Left Out: -10.717+/-0.004 χ^2/NDF:150444.2/6

Right Out: -13.496+/-0.006 χ^2/NDF: 55753.8/17

Left In: -11.836+/-0.006 χ^2/NDF:3703.2/4

Left: -11.031+/-0.003 χ^2/NDF: 179950.8/11

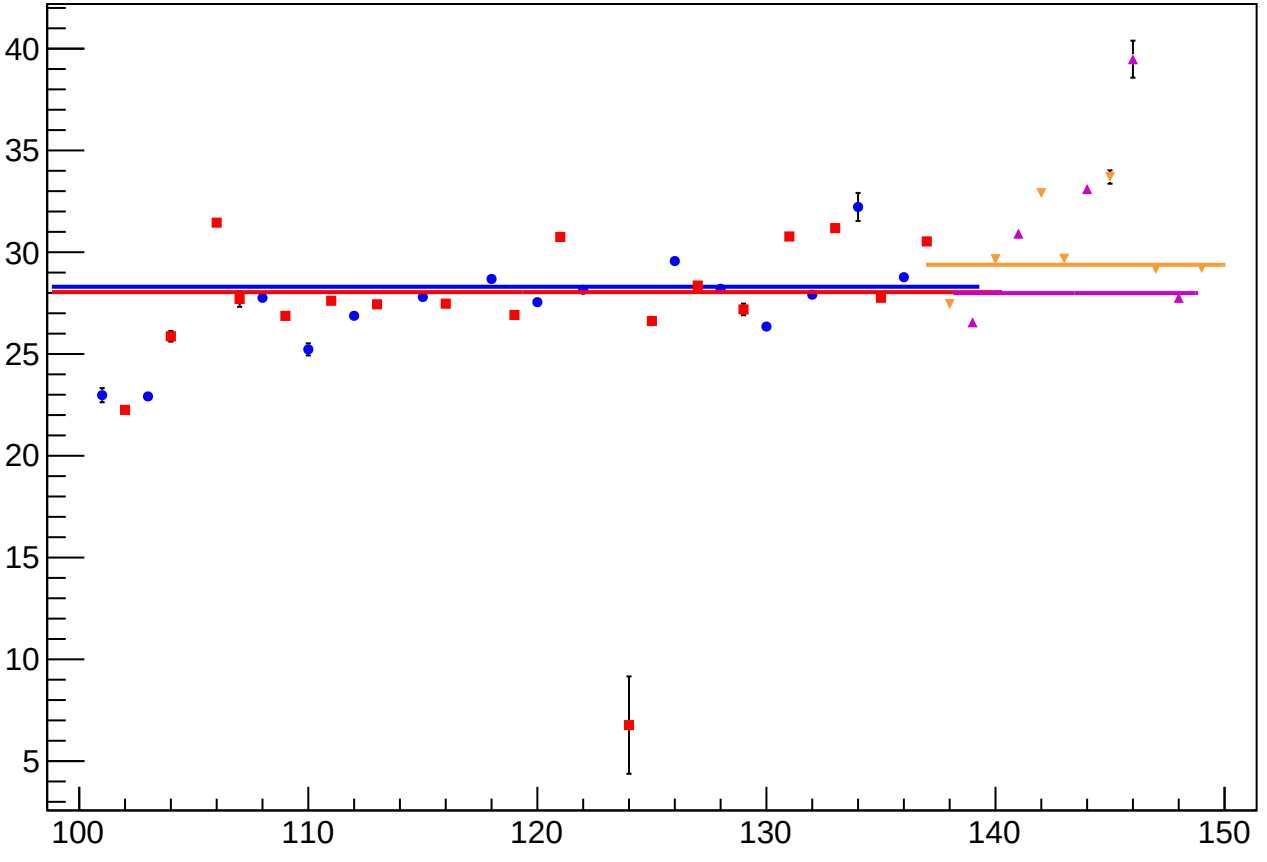
Right: -13.142+/-0.004 χ^2/NDF: 149153.5/32

In: -12.243+/-0.004 χ^2/NDF:99139.2/19

Out: -11.516+/-0.003 χ^2/NDF:369172.5/24

All: -11.763+/-0.003 χ^2/NDF: 486849.9/44

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304+/-0.023 χ^2/NDF: 3400.0/14

Left Out: 29.382+/-0.038 χ^2/NDF:775.4/6

Right Out: 28.040+/-0.030 χ^2/NDF: 2561.5/17

Left In: 27.993+/-0.039 χ^2/NDF:2846.4/4

Left: 28.718+/-0.027 χ^2/NDF: 4268.2/11

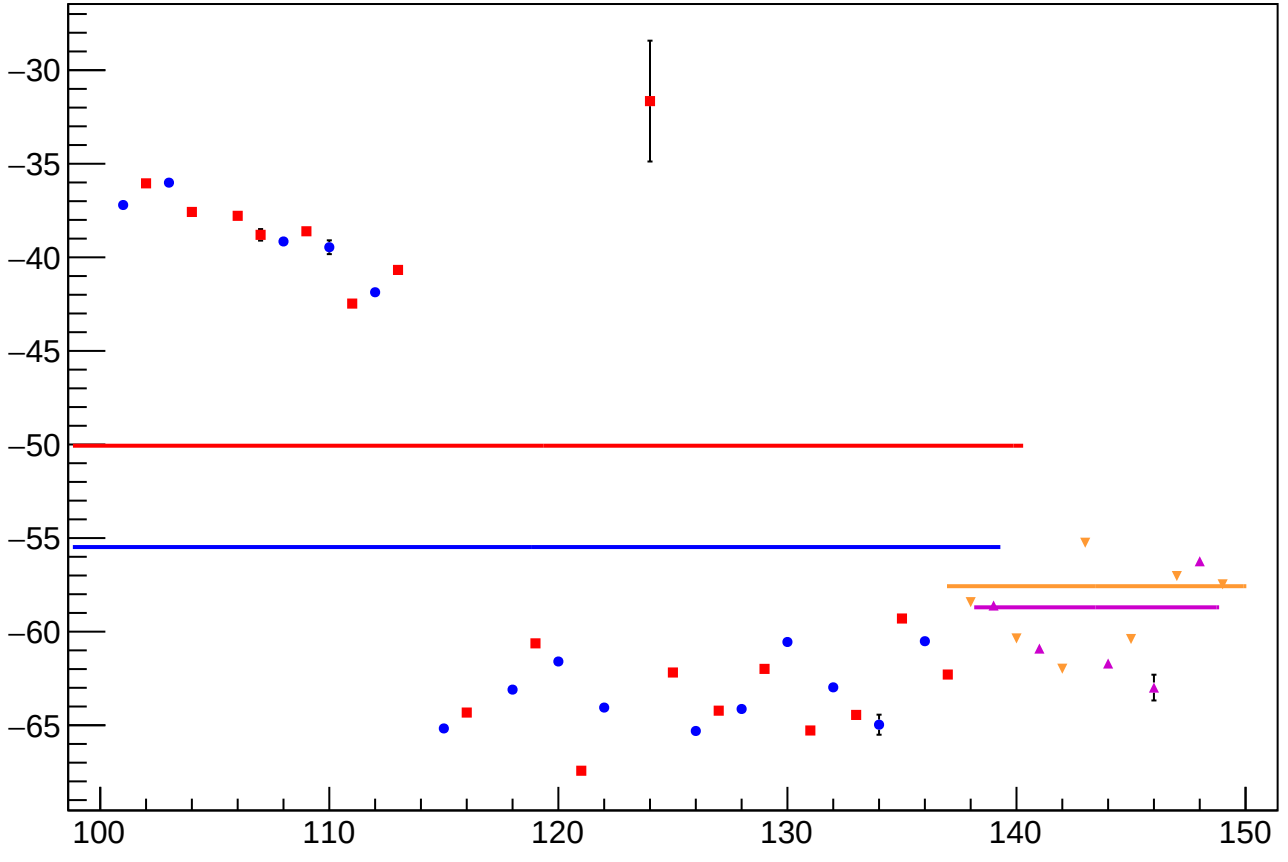
Right: 28.207+/-0.018 χ^2/NDF: 6009.6/32

In: 28.225+/-0.020 χ^2/NDF:6292.8/19

Out: 28.565+/-0.024 χ^2/NDF:4104.6/24

All: 28.366+/-0.015 χ^2/NDF: 10518.6/44

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480+/-0.017 χ^2/NDF: 595140.3/14

Left Out: -57.571+/-0.033 χ^2/NDF:3135.6/6

Right Out: -50.065+/-0.023 χ^2/NDF: 340098.3/17

Left In: -58.700+/-0.041 χ^2/NDF:2746.5/4

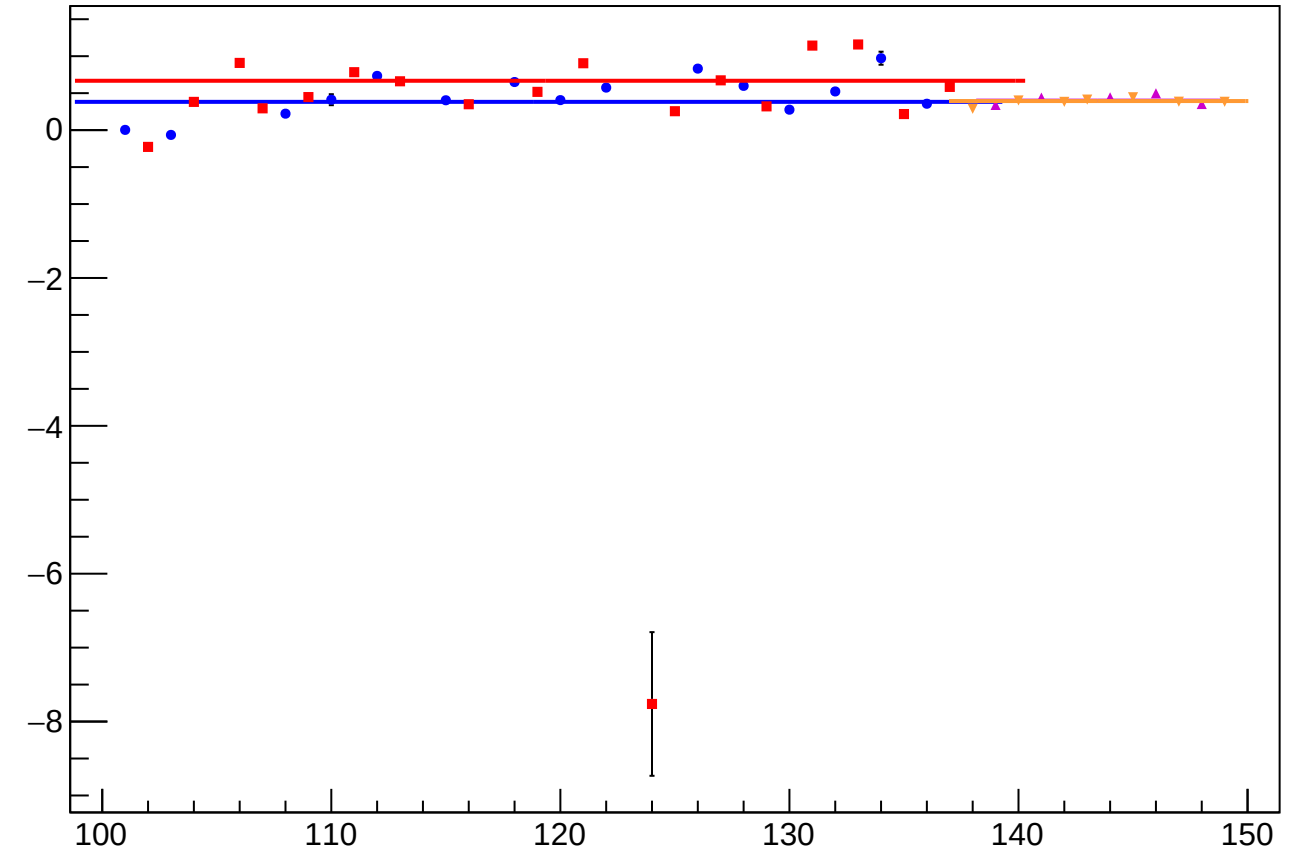
Left: -58.007+/-0.026 χ^2/NDF: 6338.5/11

Right: -53.644+/-0.013 χ^2/NDF: 971470.1/32

In: -55.924+/-0.015 χ^2/NDF:603101.9/19

Out: -52.556+/-0.019 χ^2/NDF:378200.4/24

All: -54.583+/-0.012 χ^2/NDF: 1000401.9/44



Right In: 0.382+/-0.002 χ^2/NDF: 4595.8/14

Left Out: 0.393+/-0.001 χ^2/NDF:486.4/6

Right Out: 0.668+/-0.005 χ^2/NDF: 3704.8/17

Left In: 0.399+/-0.001 χ^2/NDF:1470.7/4

Left: 0.395+/-0.001 χ^2/NDF: 1972.2/11

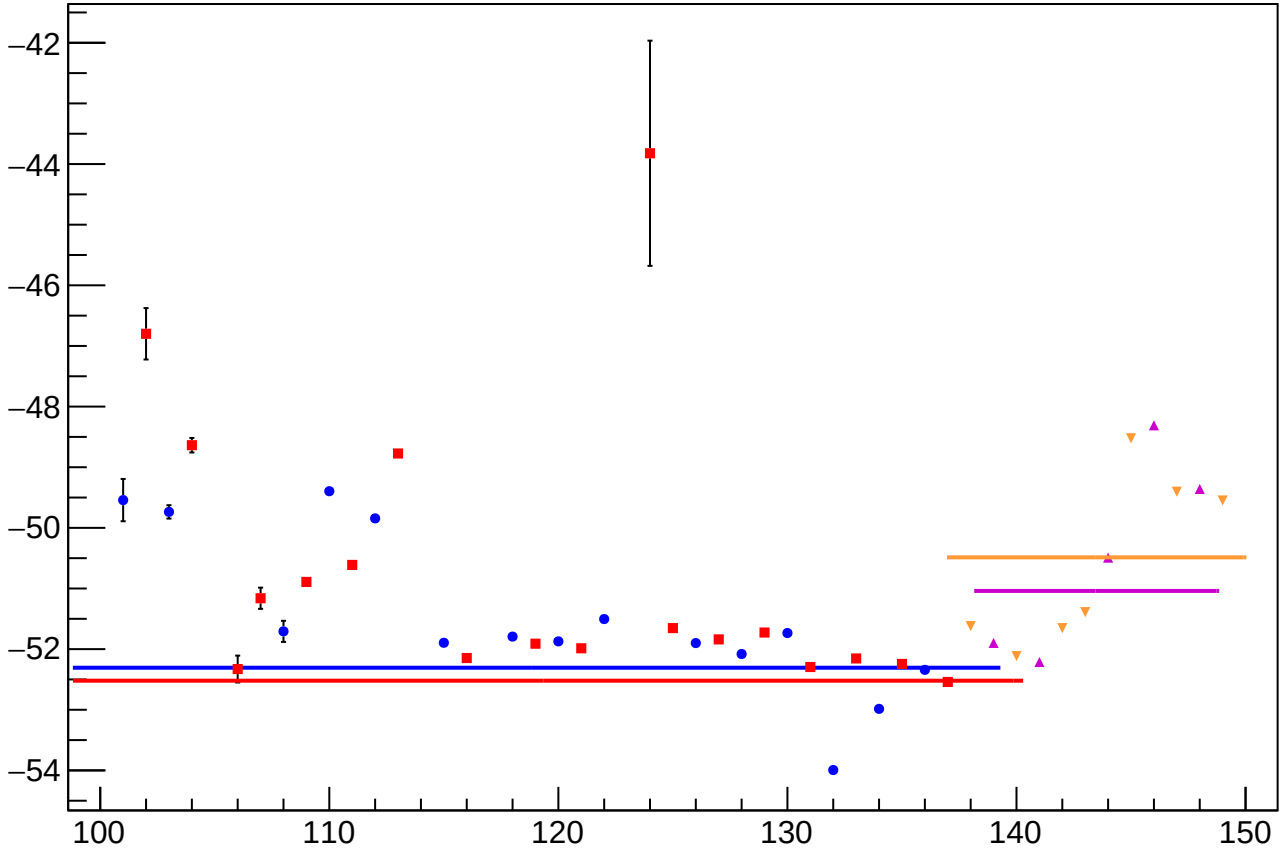
Right: 0.413+/-0.002 χ^2/NDF: 11721.4/32

In: 0.393+/-0.001 χ^2/NDF:6133.2/19

Out: 0.401+/-0.001 χ^2/NDF:7642.9/24

All: 0.398+/-0.001 χ^2/NDF: 13817.9/44

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF: 25427.4/14

Left Out: -50.486+/-0.003 χ^2/NDF:103739.6/6

Right Out: -52.521+/-0.001 χ^2/NDF: 14961.7/17

Left In: -51.040+/-0.004 χ^2/NDF:116098.0/4

Left: -50.704+/-0.003 χ^2/NDF: 231387.8/11

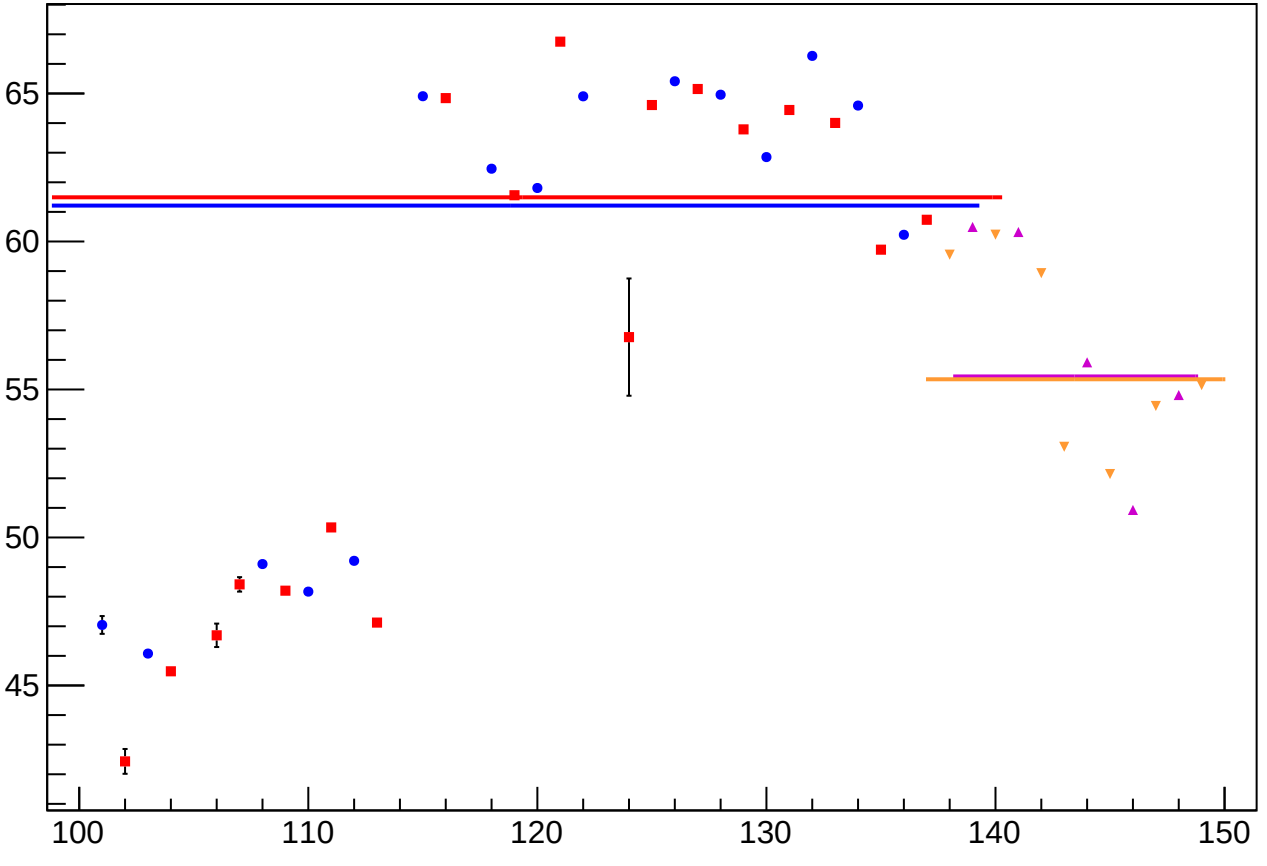
Right: -52.505+/-0.001 χ^2/NDF: 43203.2/32

In: -51.694+/-0.003 χ^2/NDF:193015.4/19

Out: -52.308+/-0.001 χ^2/NDF:473776.7/24

All: -52.233+/-0.001 χ^2/NDF: 709267.1/44

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213+/-0.010 χ^2/NDF: 156624.5/14

Left Out: 55.345+/-0.006 χ^2/NDF:188408.5/6

Right Out: 61.493+/-0.007 χ^2/NDF: 243479.8/17

Left In: 55.441+/-0.008 χ^2/NDF:49023.4/4

Left: 55.378+/-0.005 χ^2/NDF: 237515.2/11

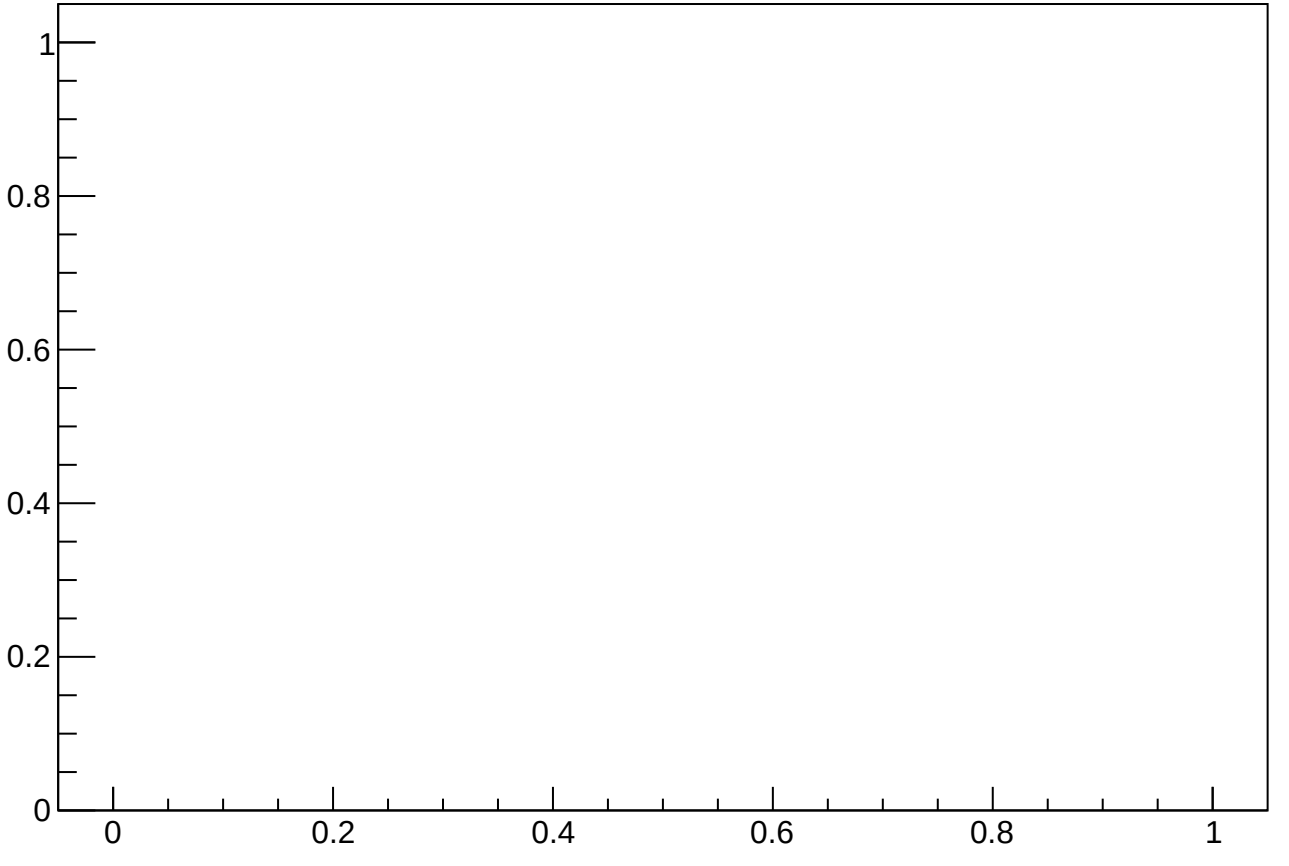
Right: 61.405+/-0.006 χ^2/NDF: 400649.5/32

In: 57.869+/-0.006 χ^2/NDF:401530.3/19

Out: 58.178+/-0.005 χ^2/NDF:883562.0/24

All: 58.075+/-0.004 χ^2/NDF: 1286633.2/44

dit_4aX_coil1_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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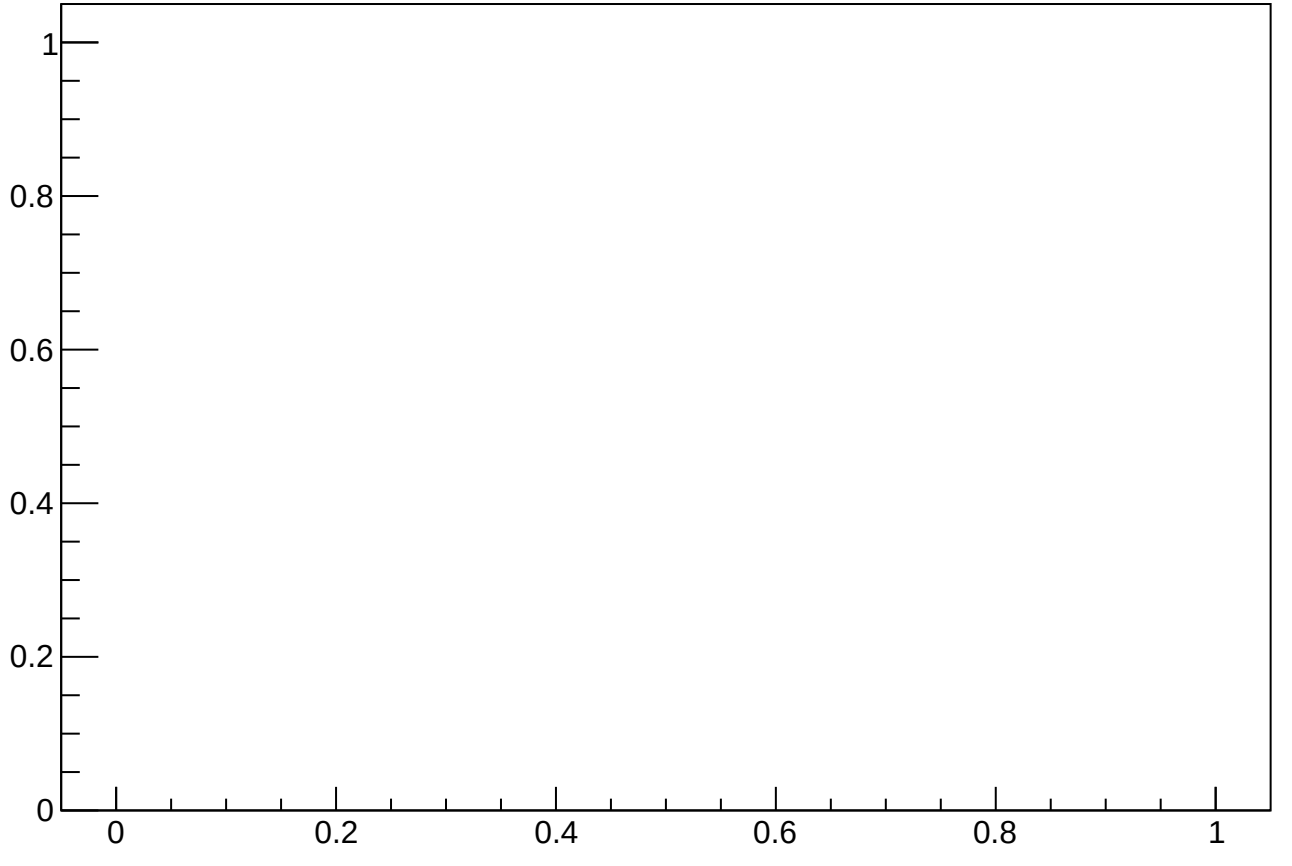
dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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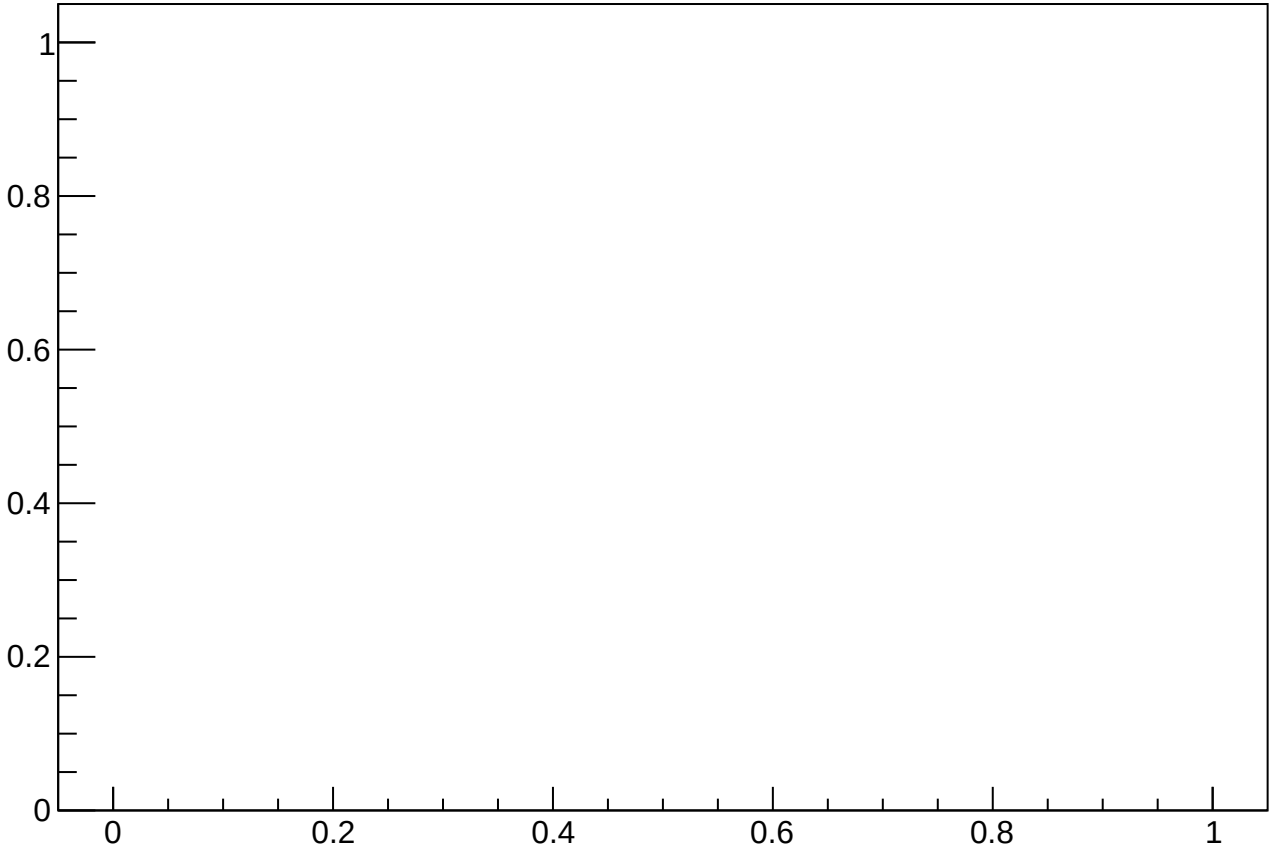
dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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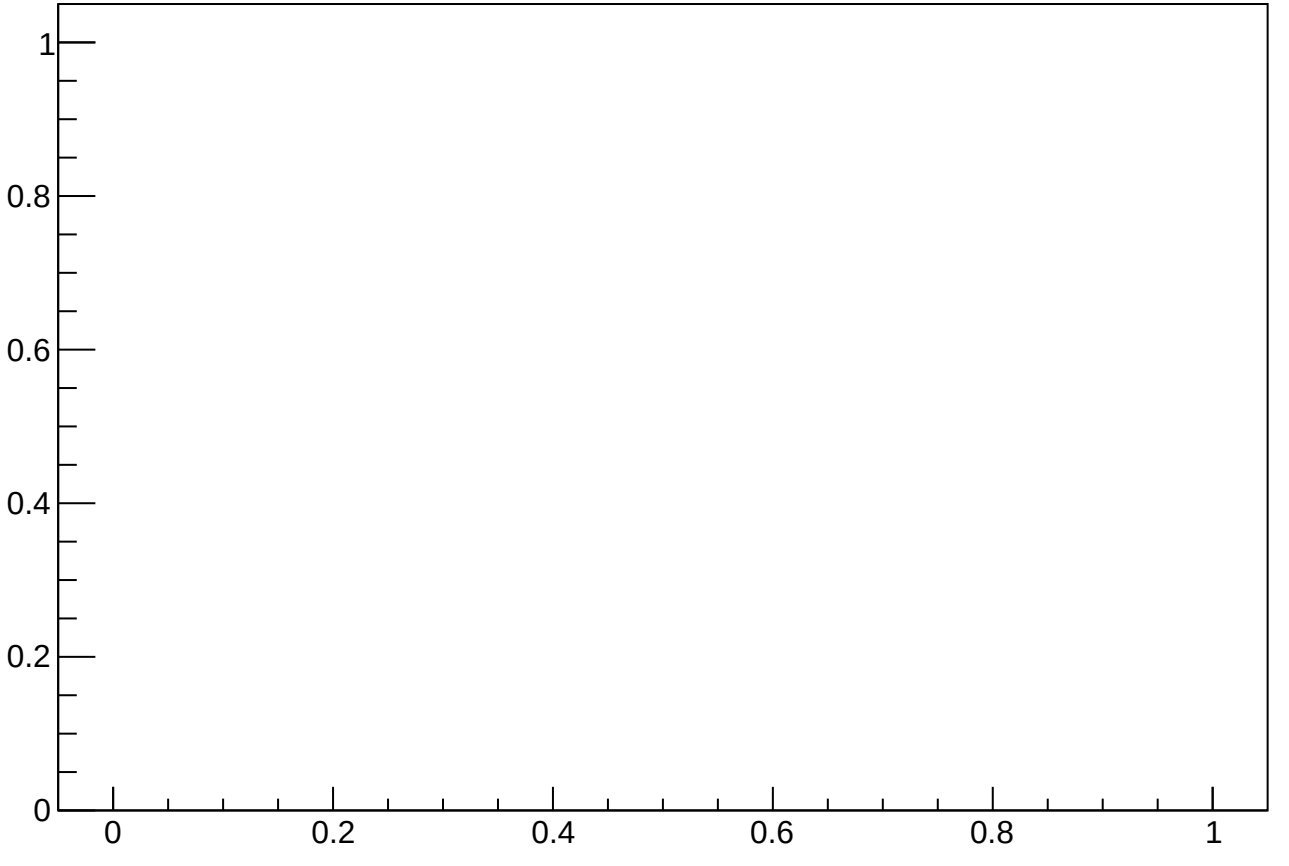
dit_4eX_coil1_mean vs Slug, Sign Corrected



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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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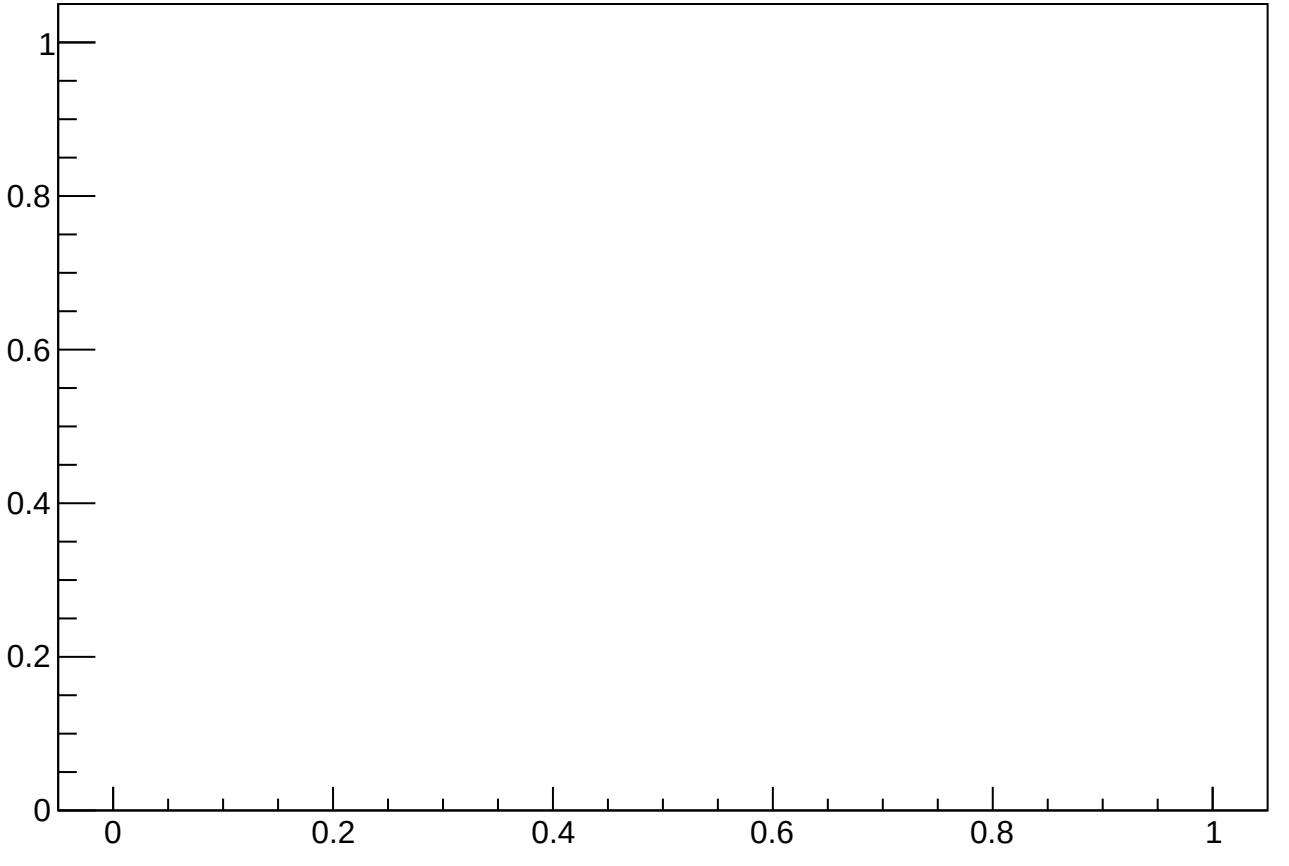
dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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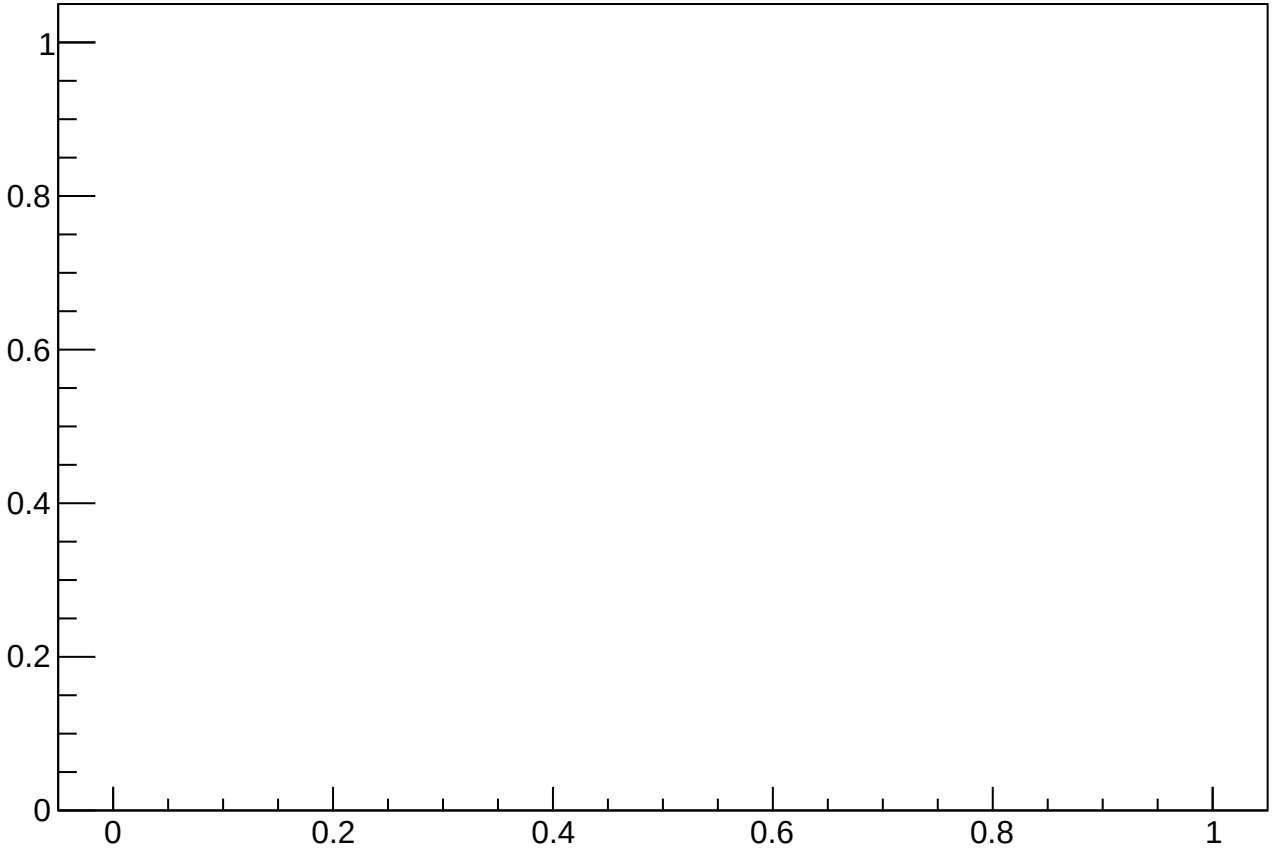
dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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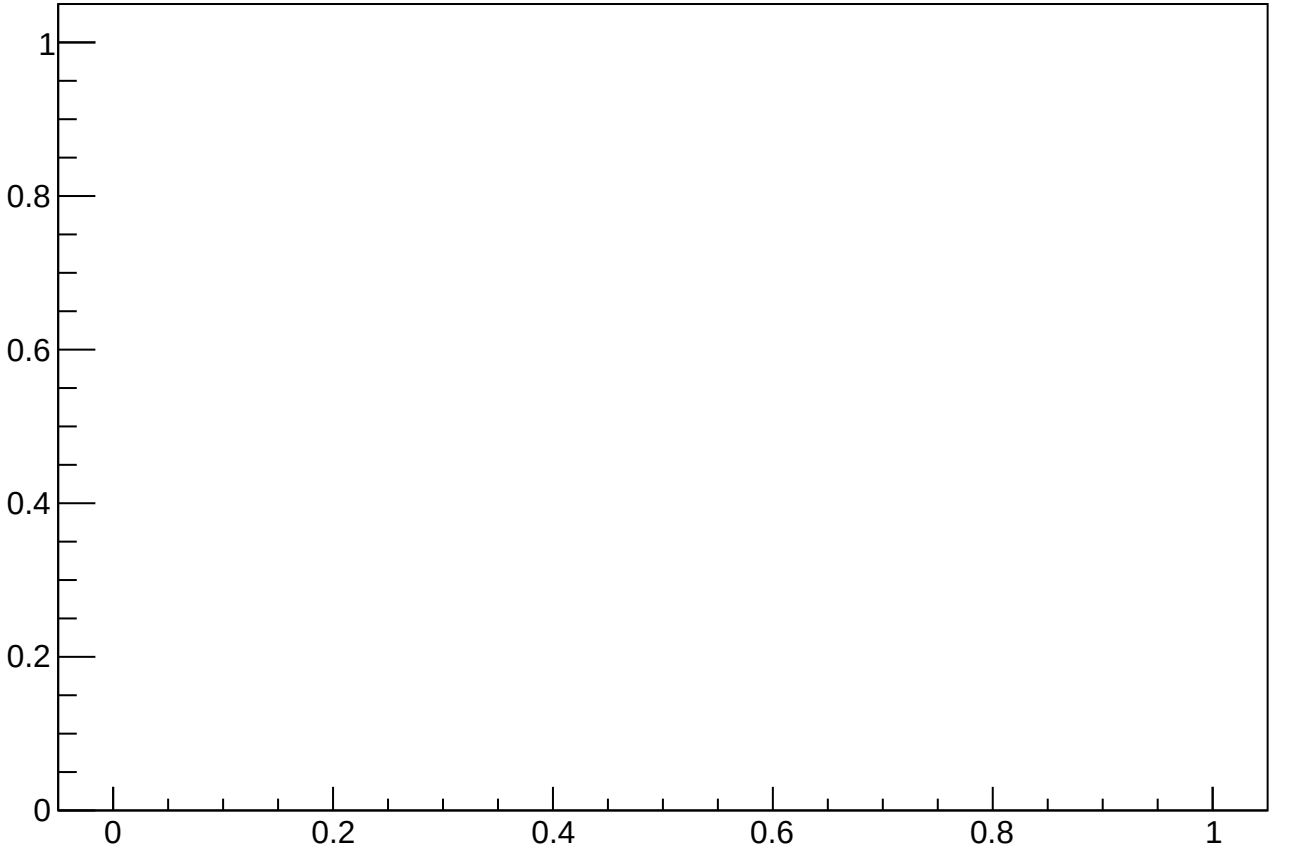
dit_11X12X_coil1_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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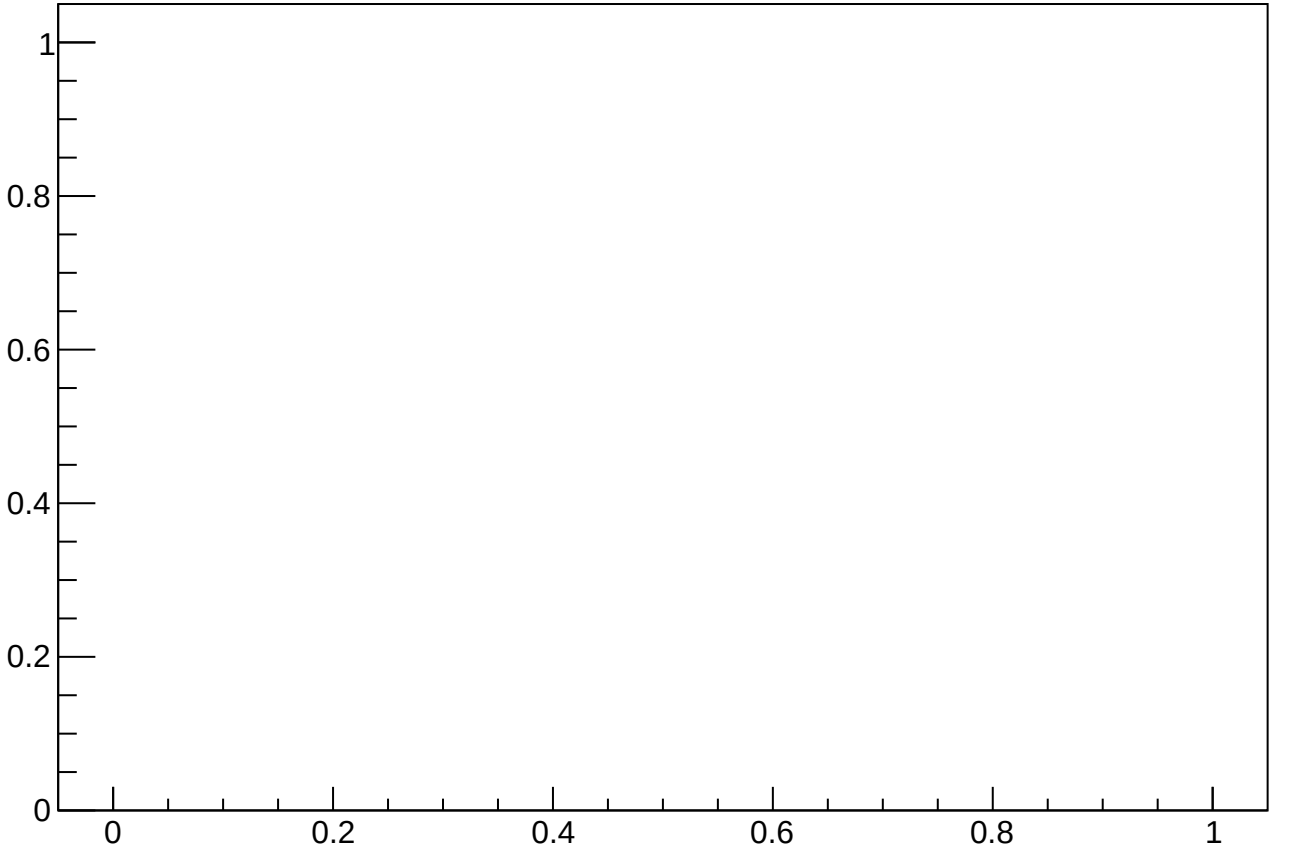
dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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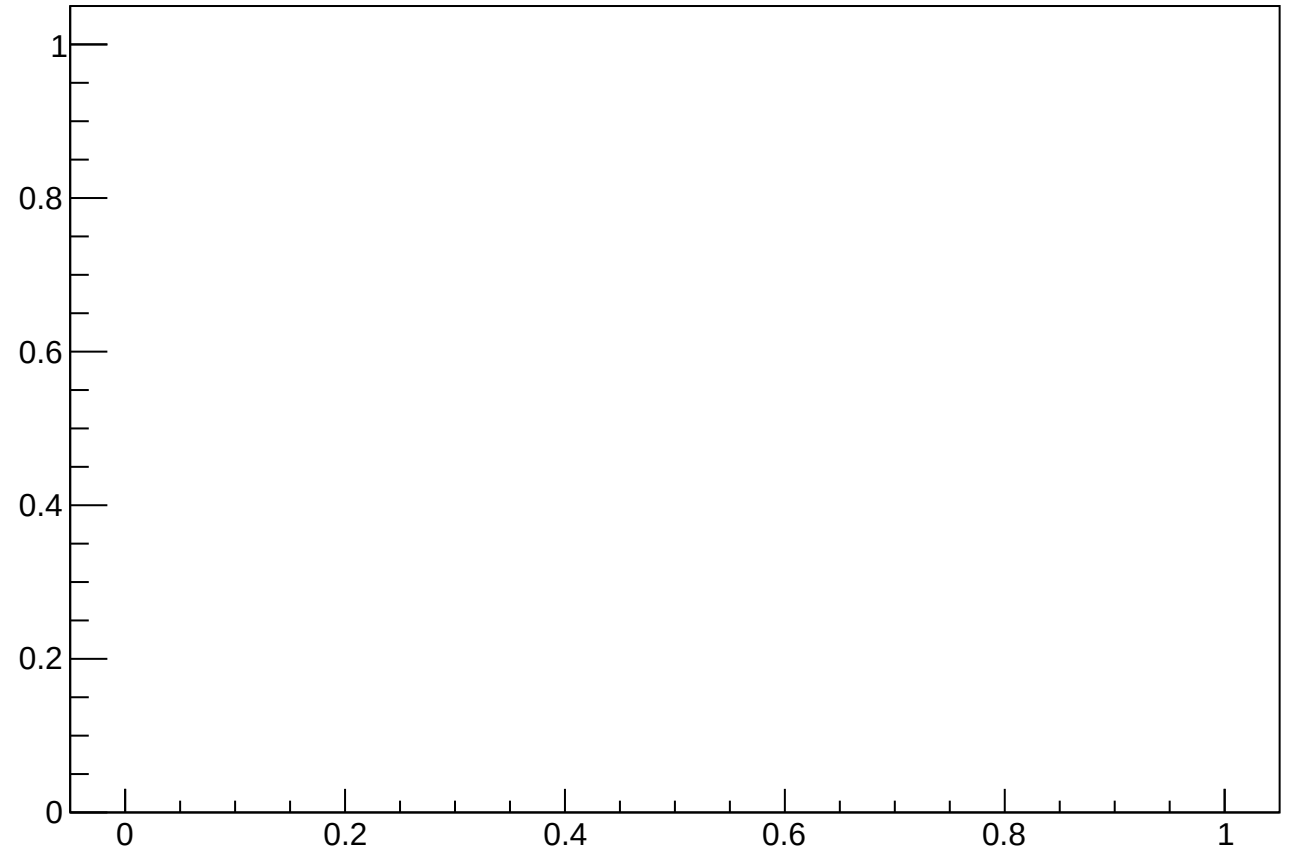

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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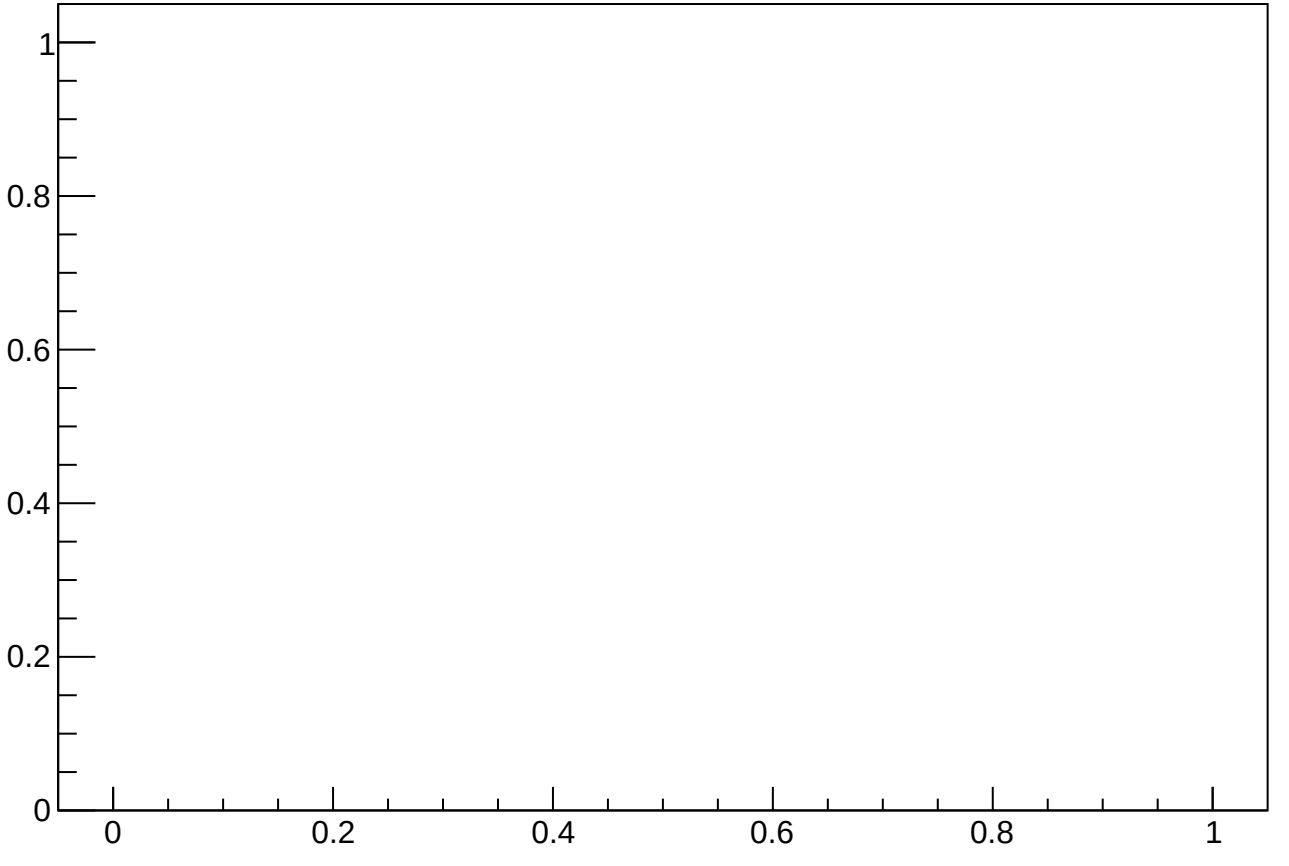
dit_4aY_coil1_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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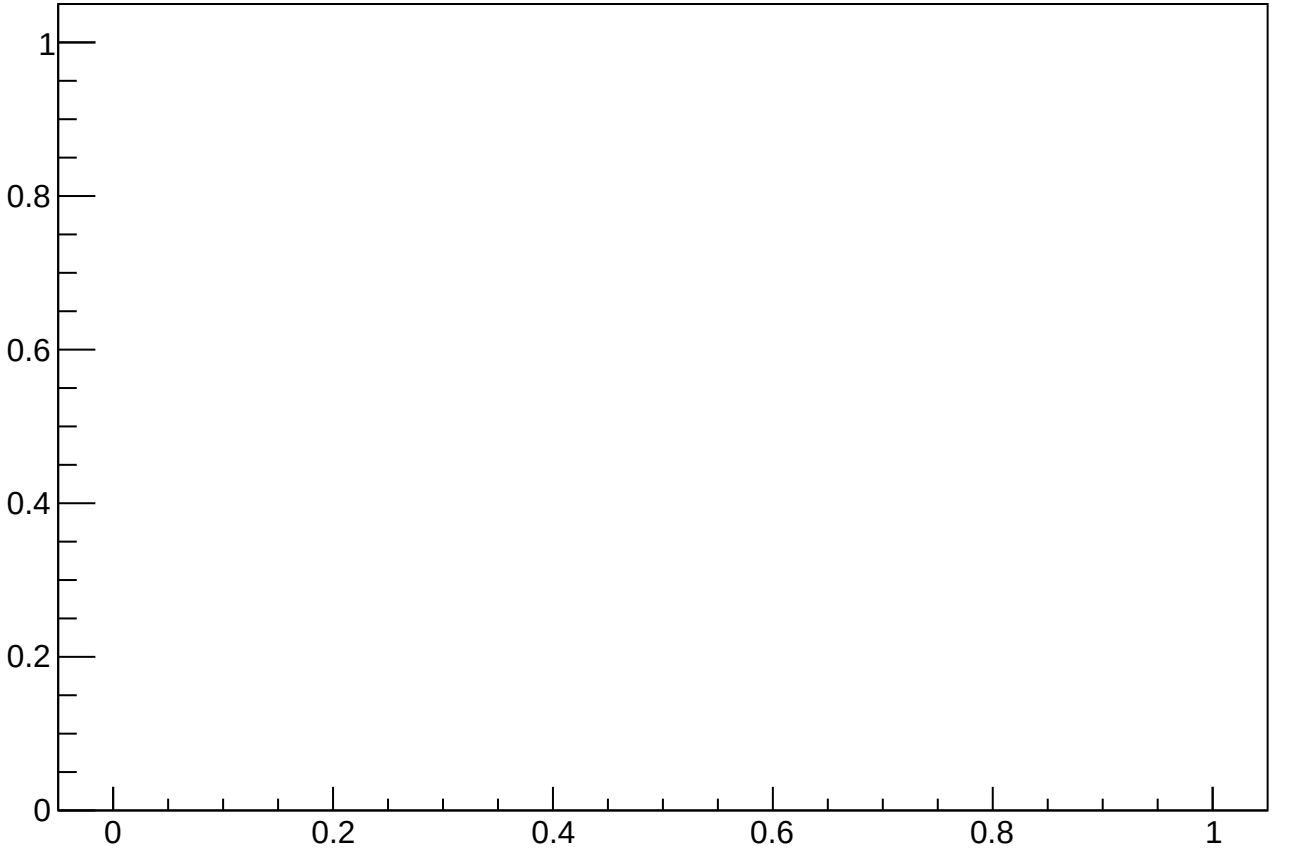
dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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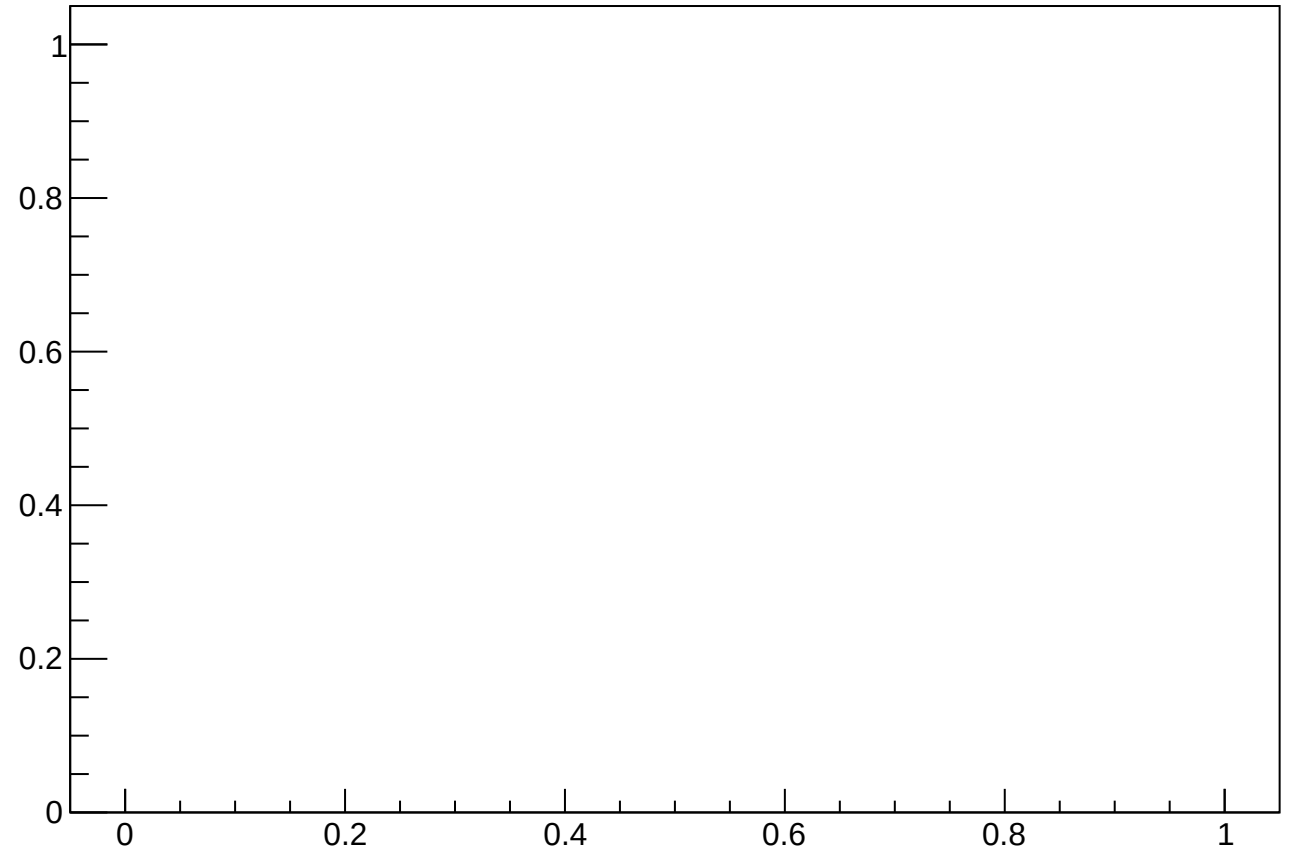

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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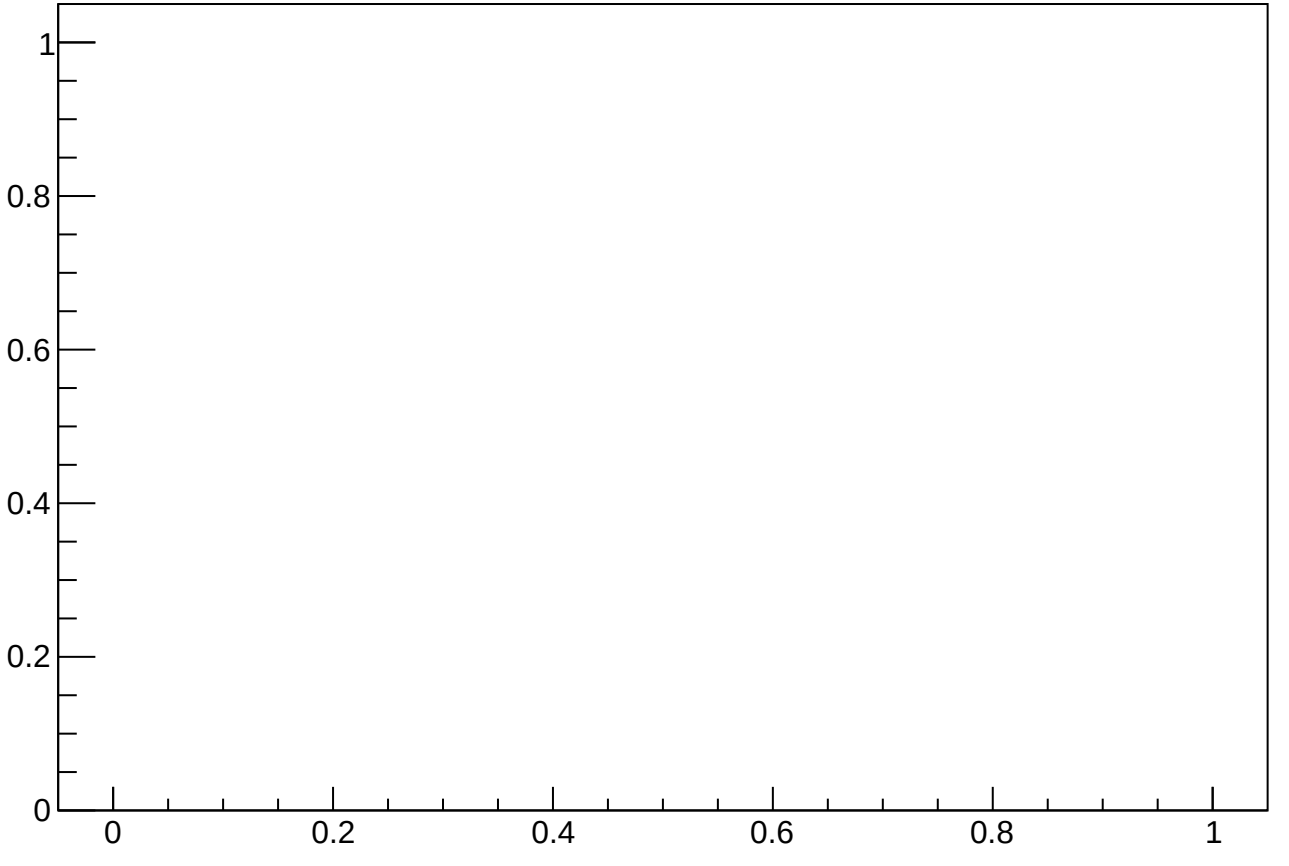
dit_4eY_coil1_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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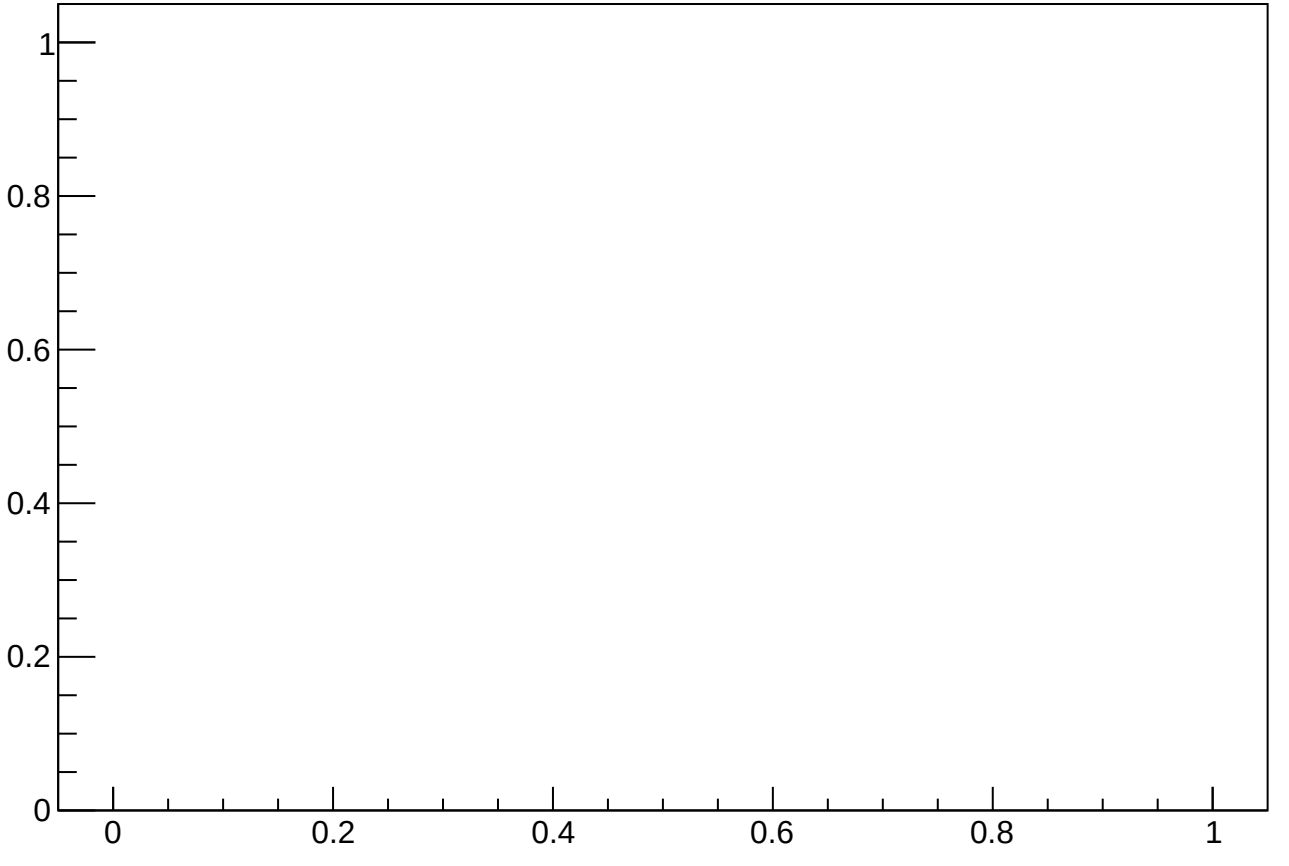
dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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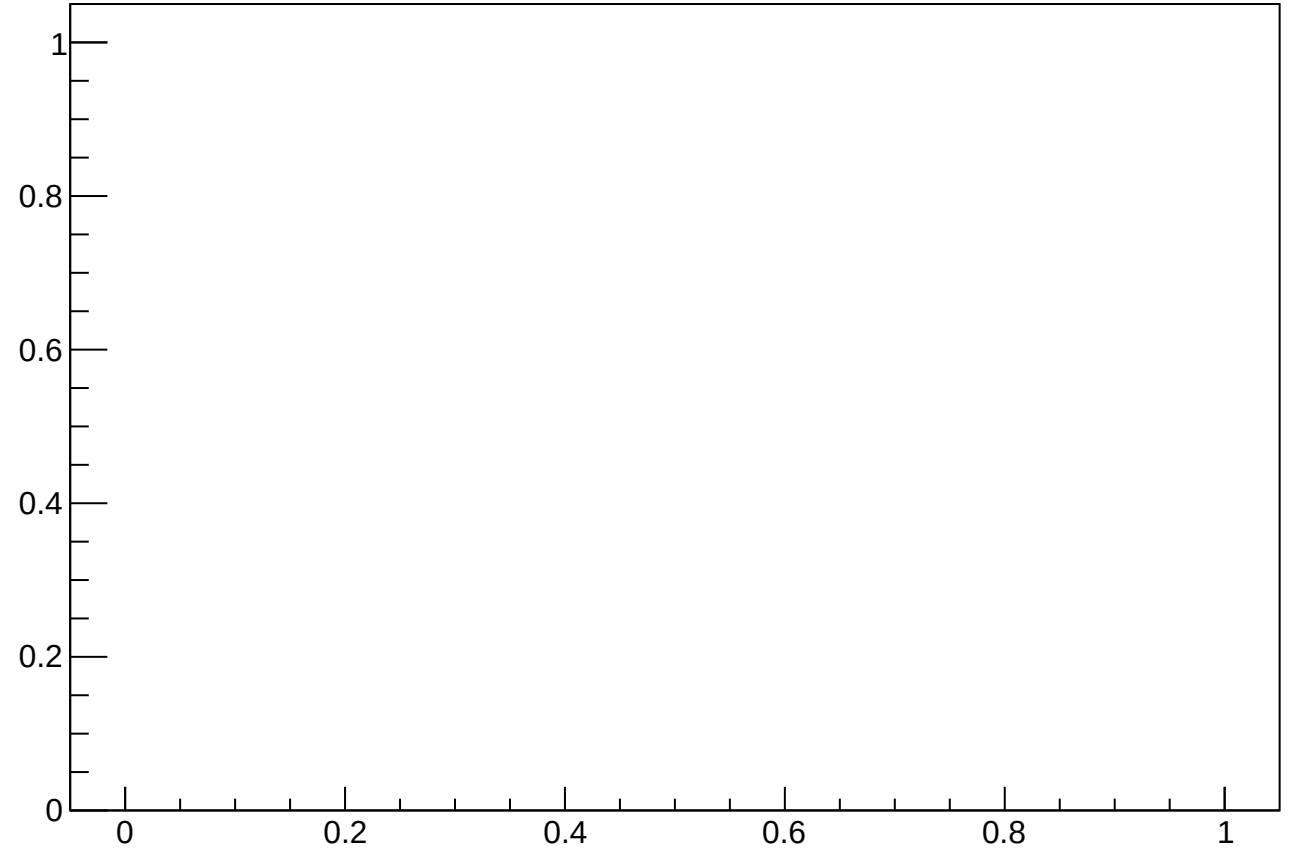

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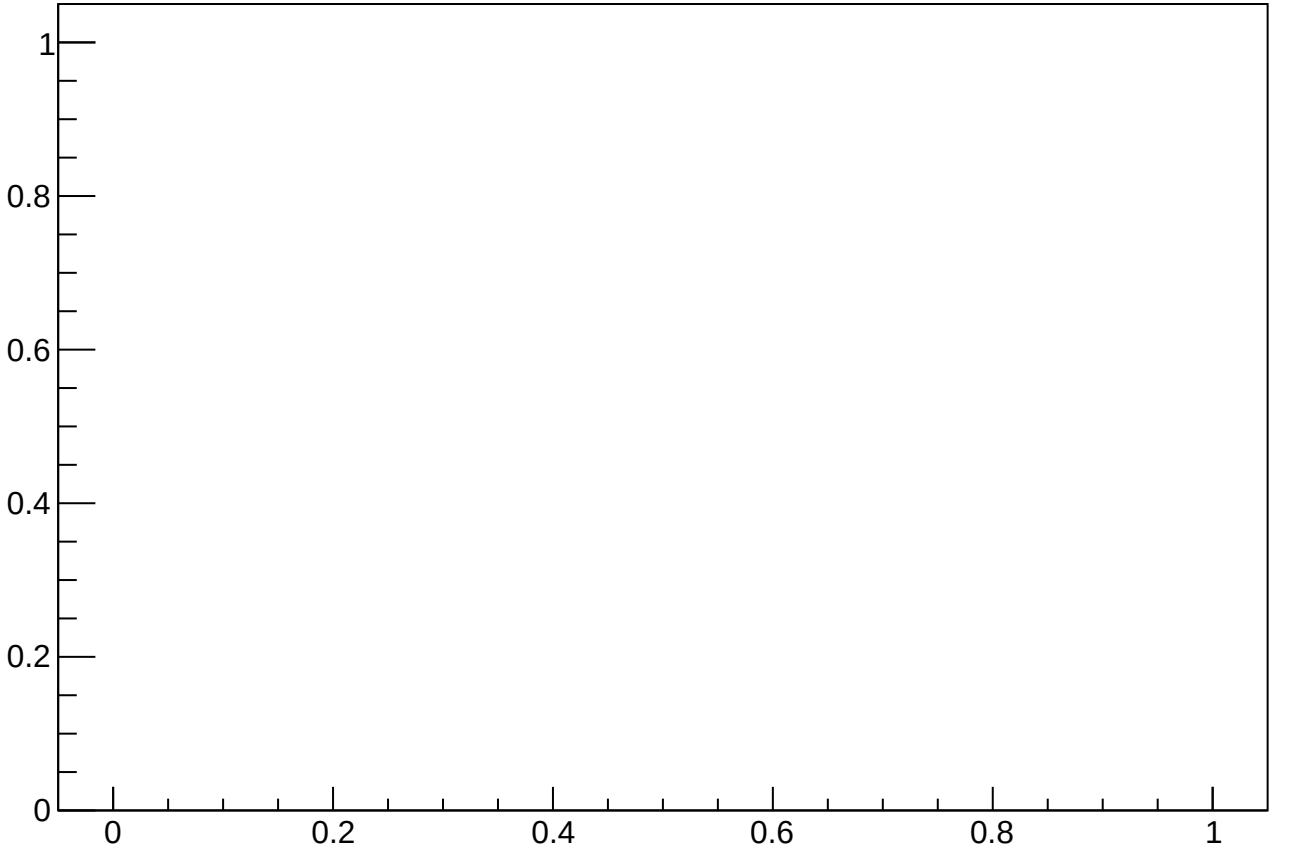
dit_usl_coil1_mean vs Slug, Sign Corrected



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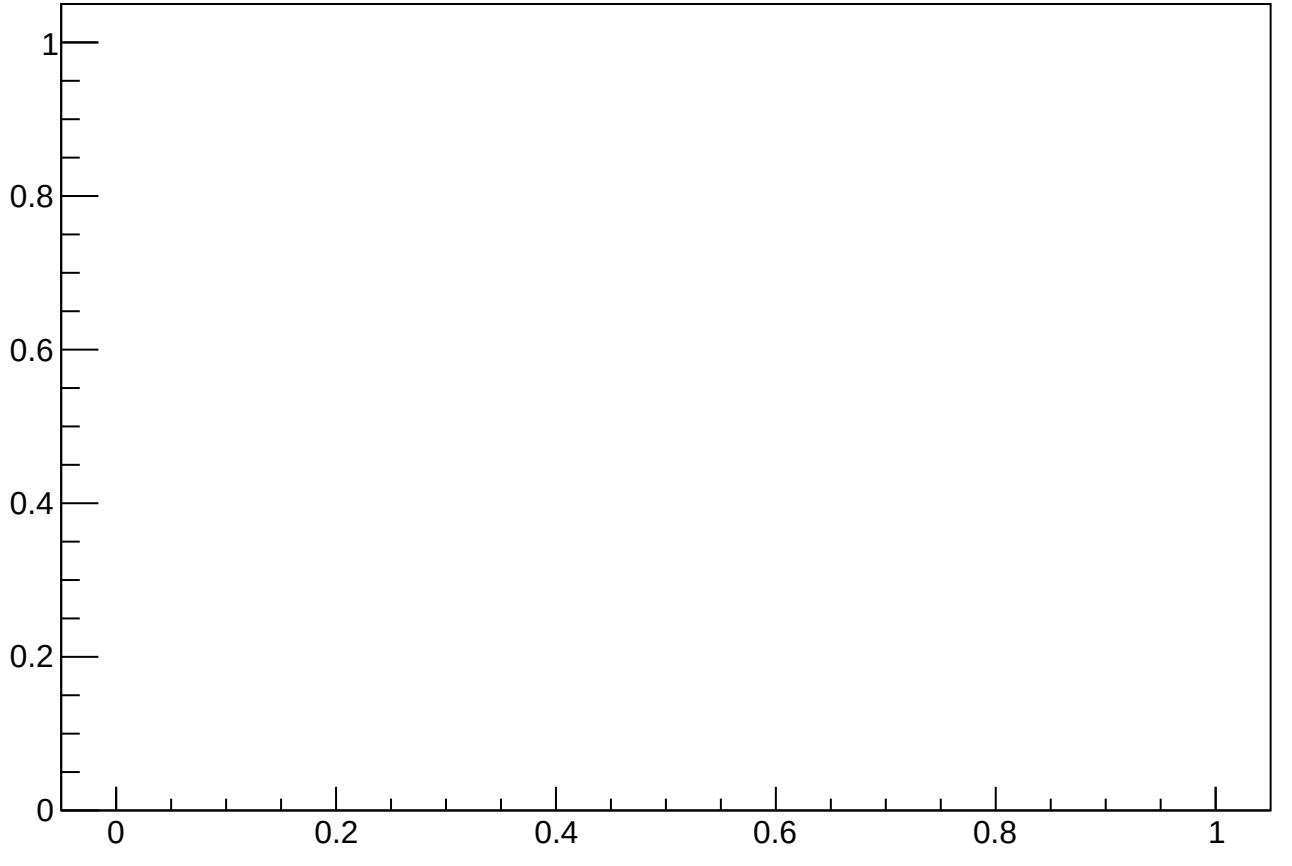
dit_usl_coil1_err_mean vs Slug, Sign Corrected



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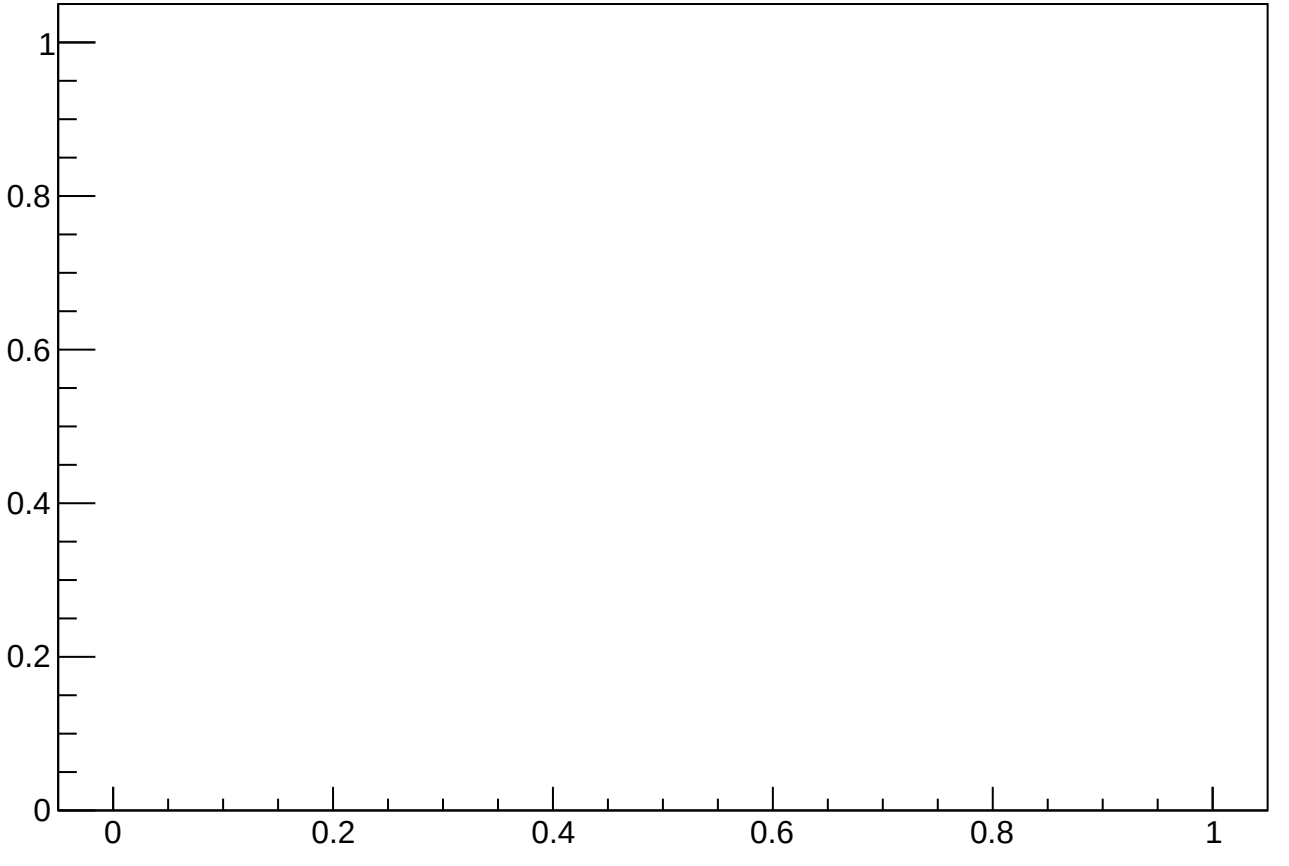
dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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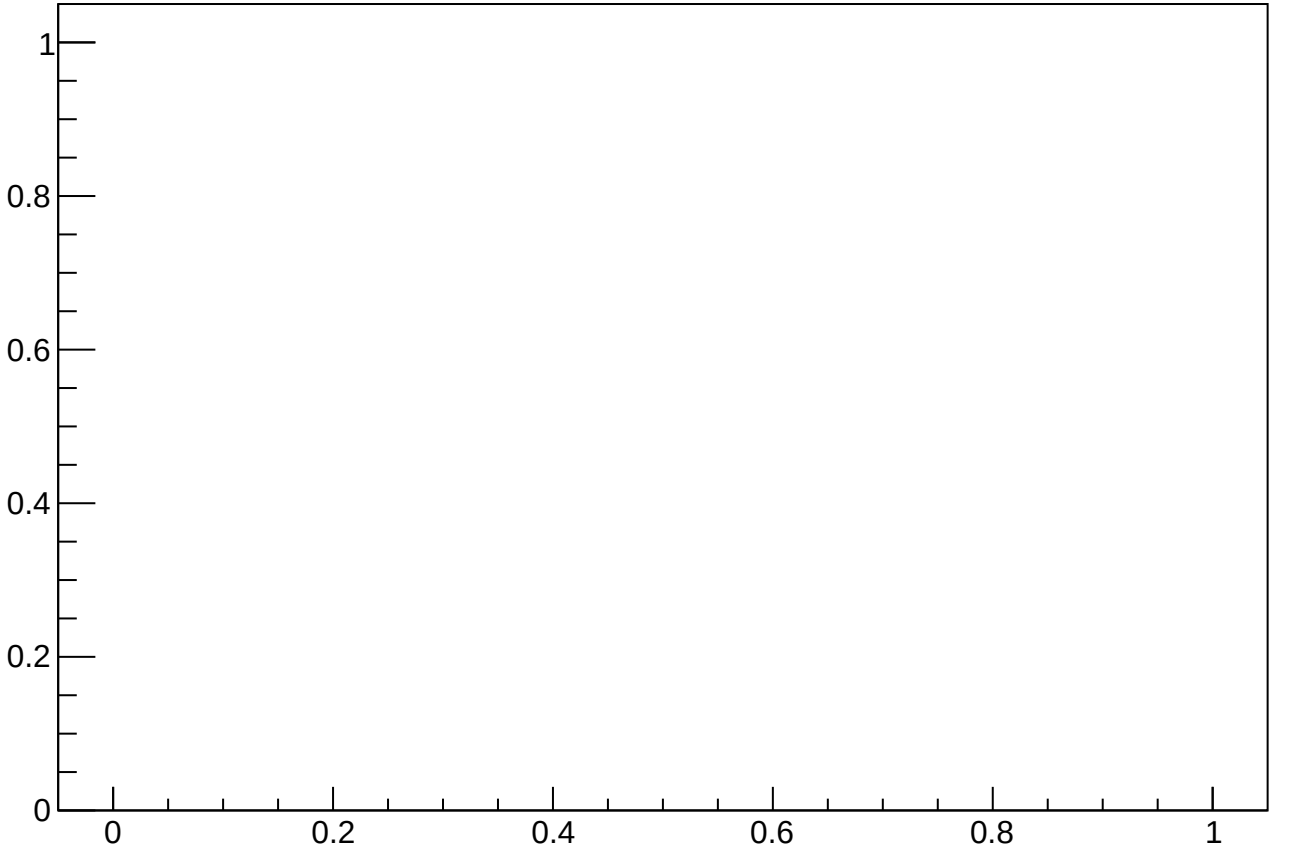
dit_usr_coil1_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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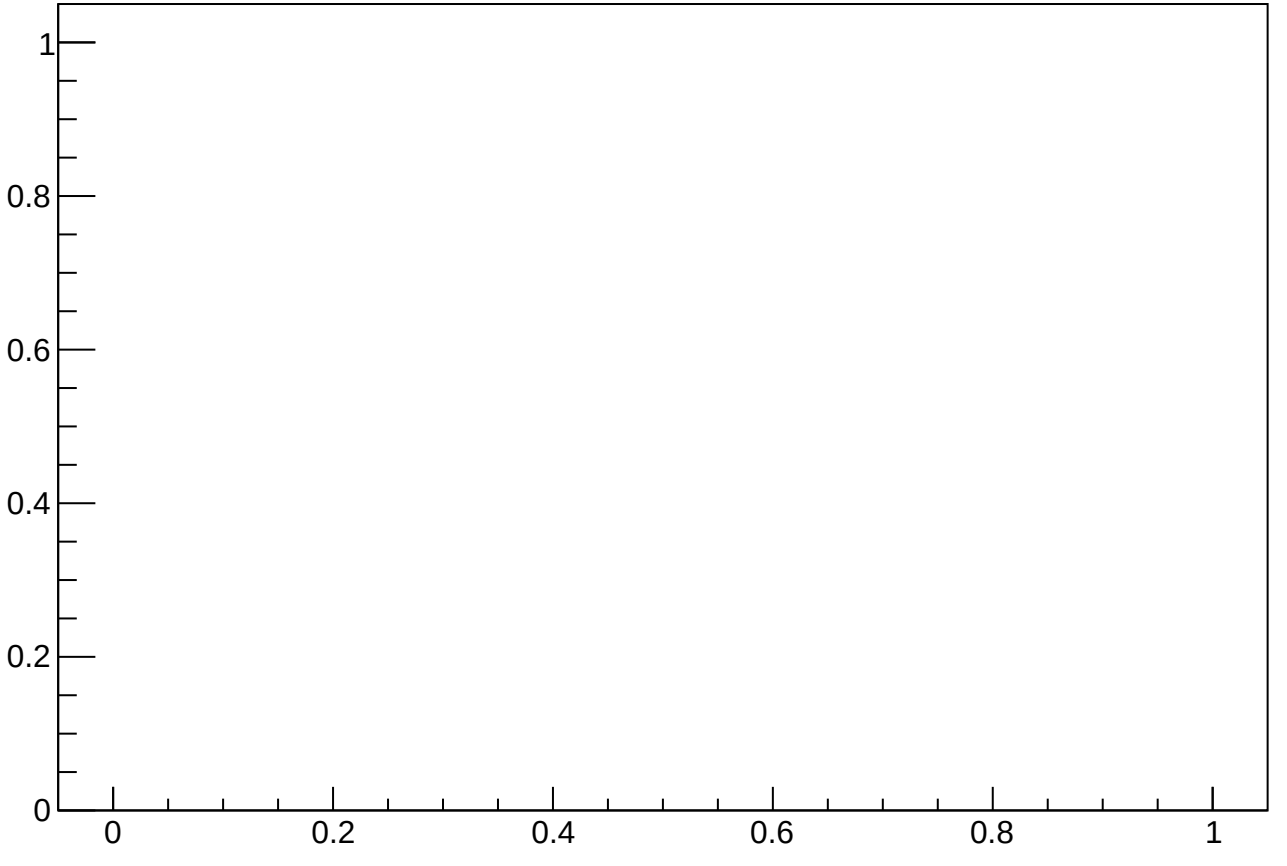
dit_usr_coil1_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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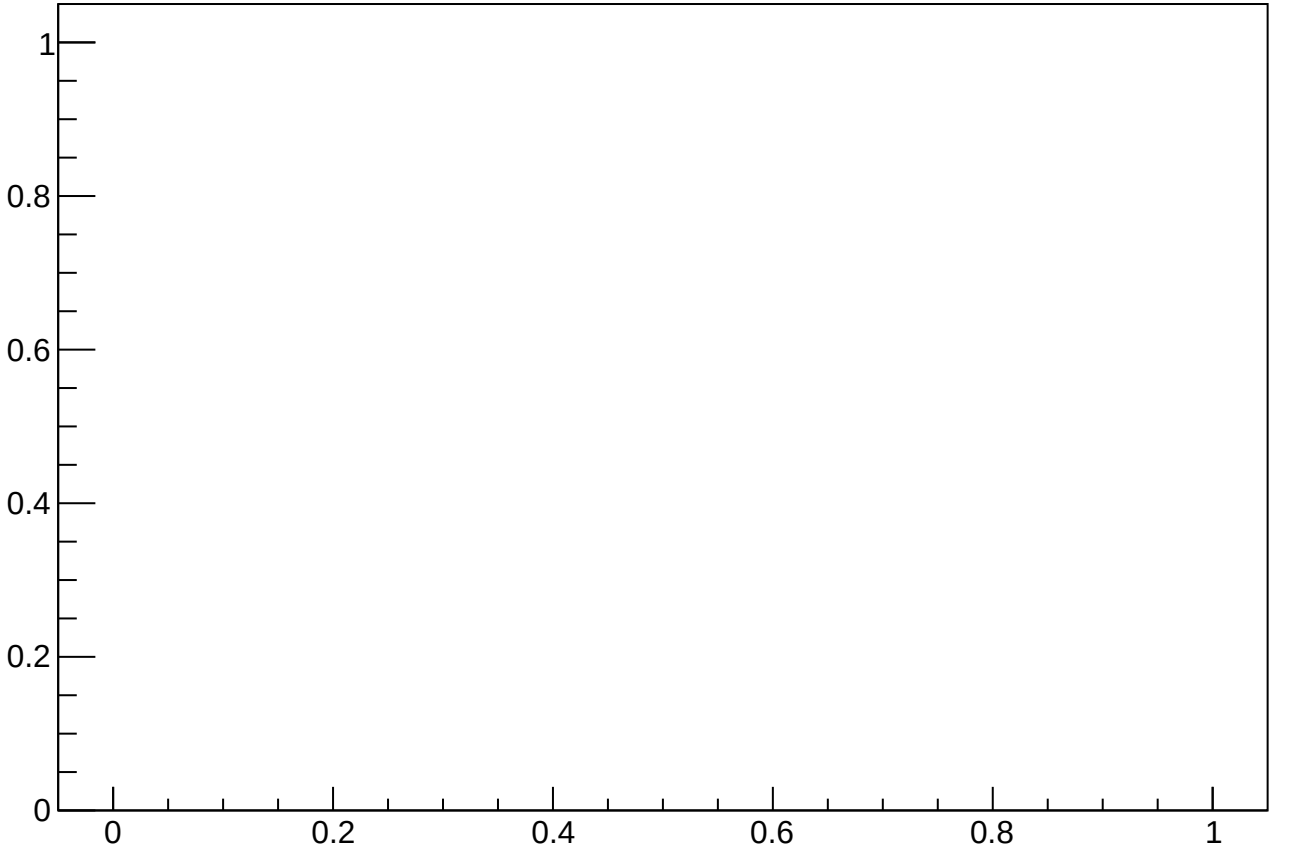
dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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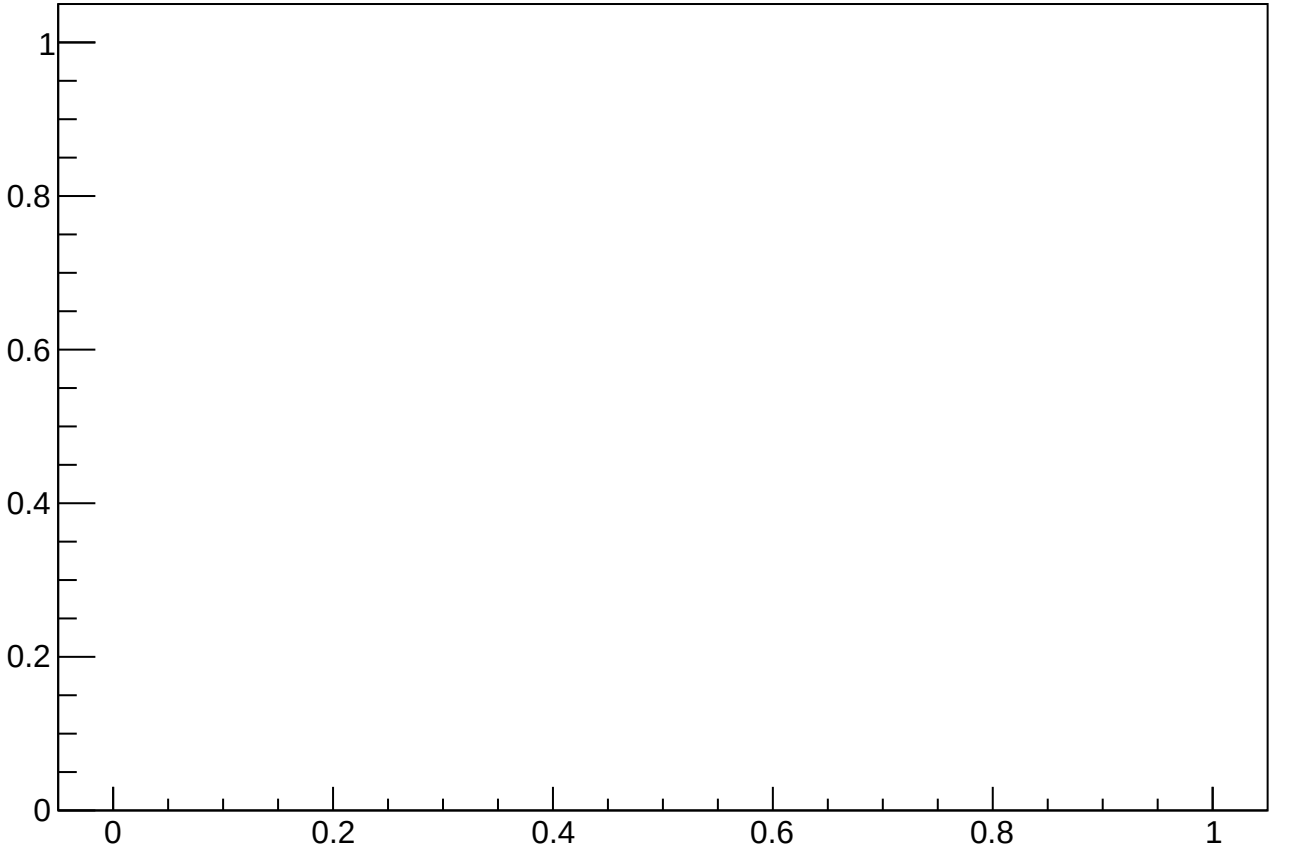
dit_atl1_coil1_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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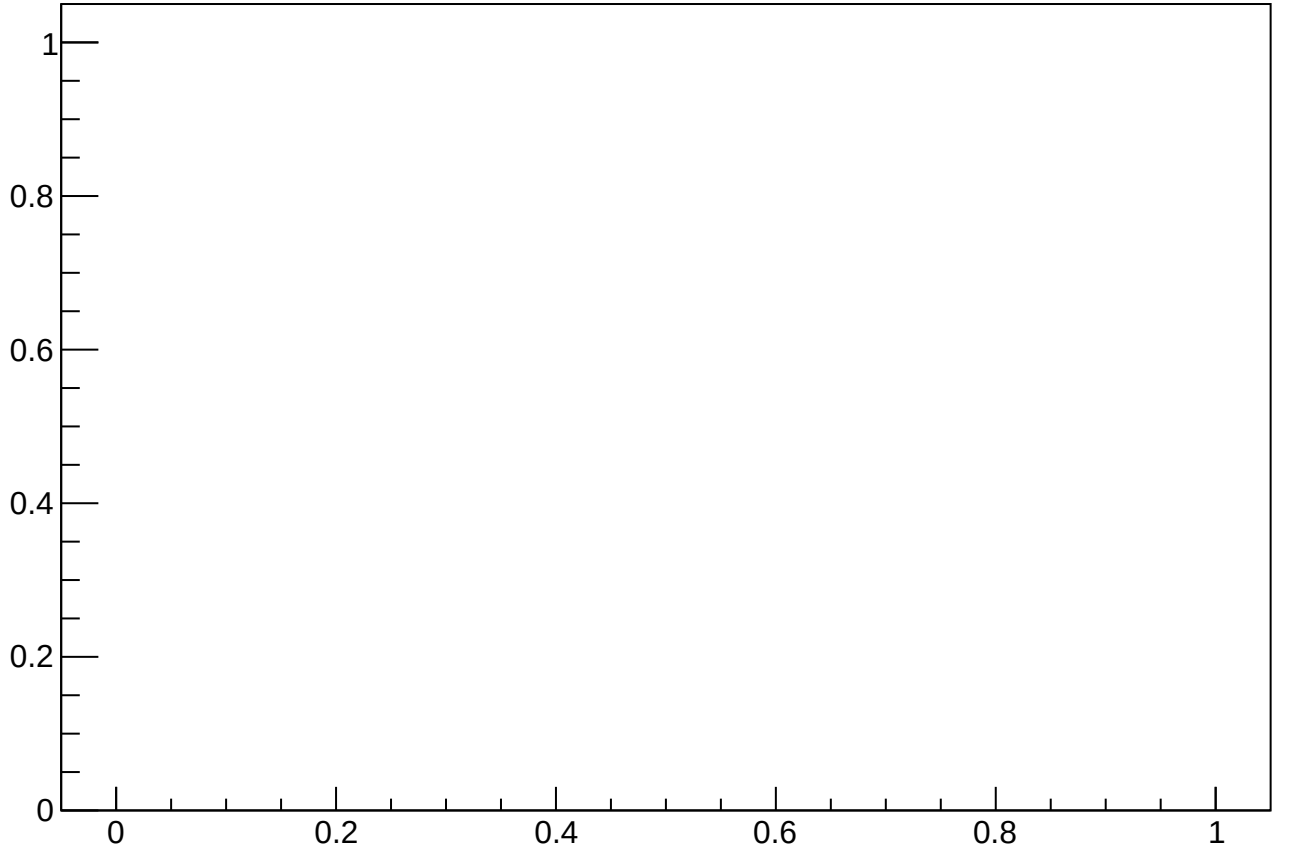
dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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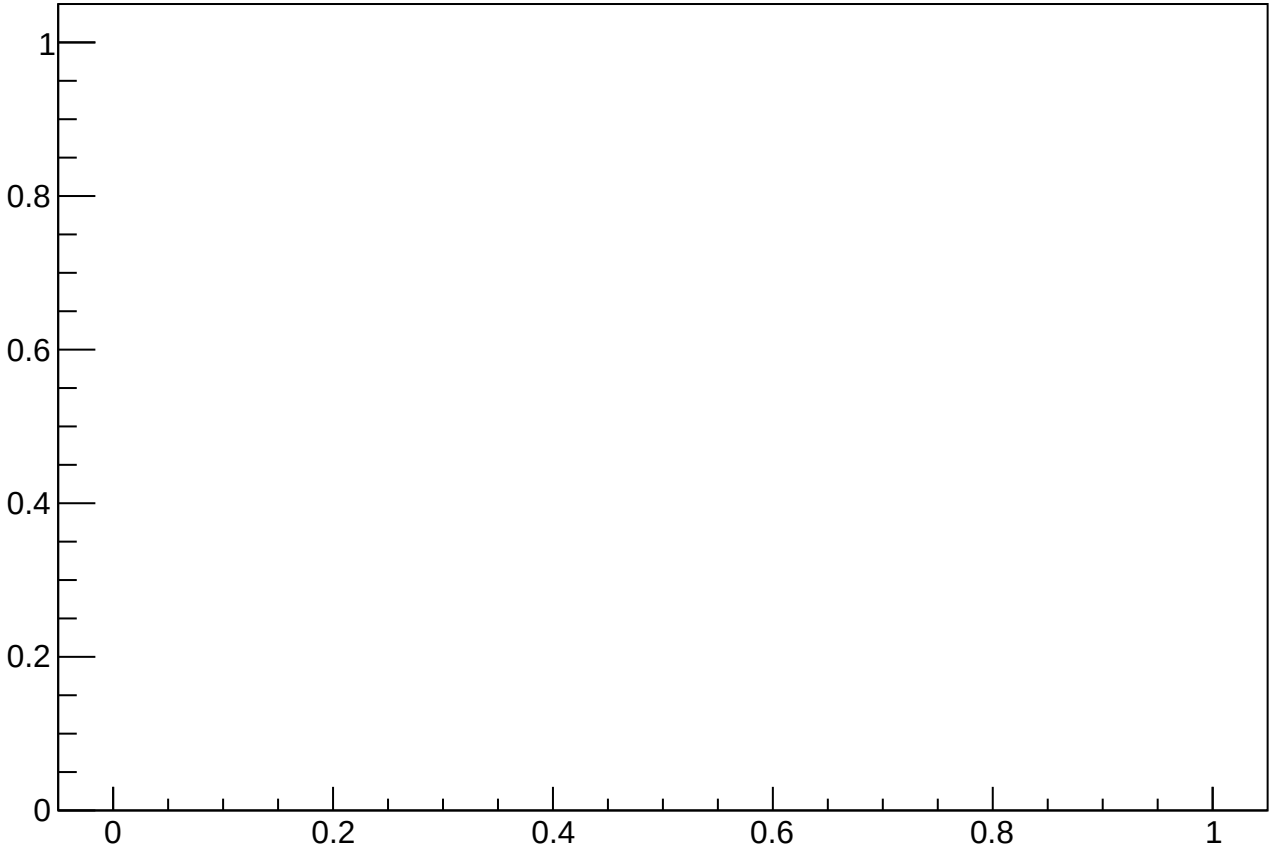
dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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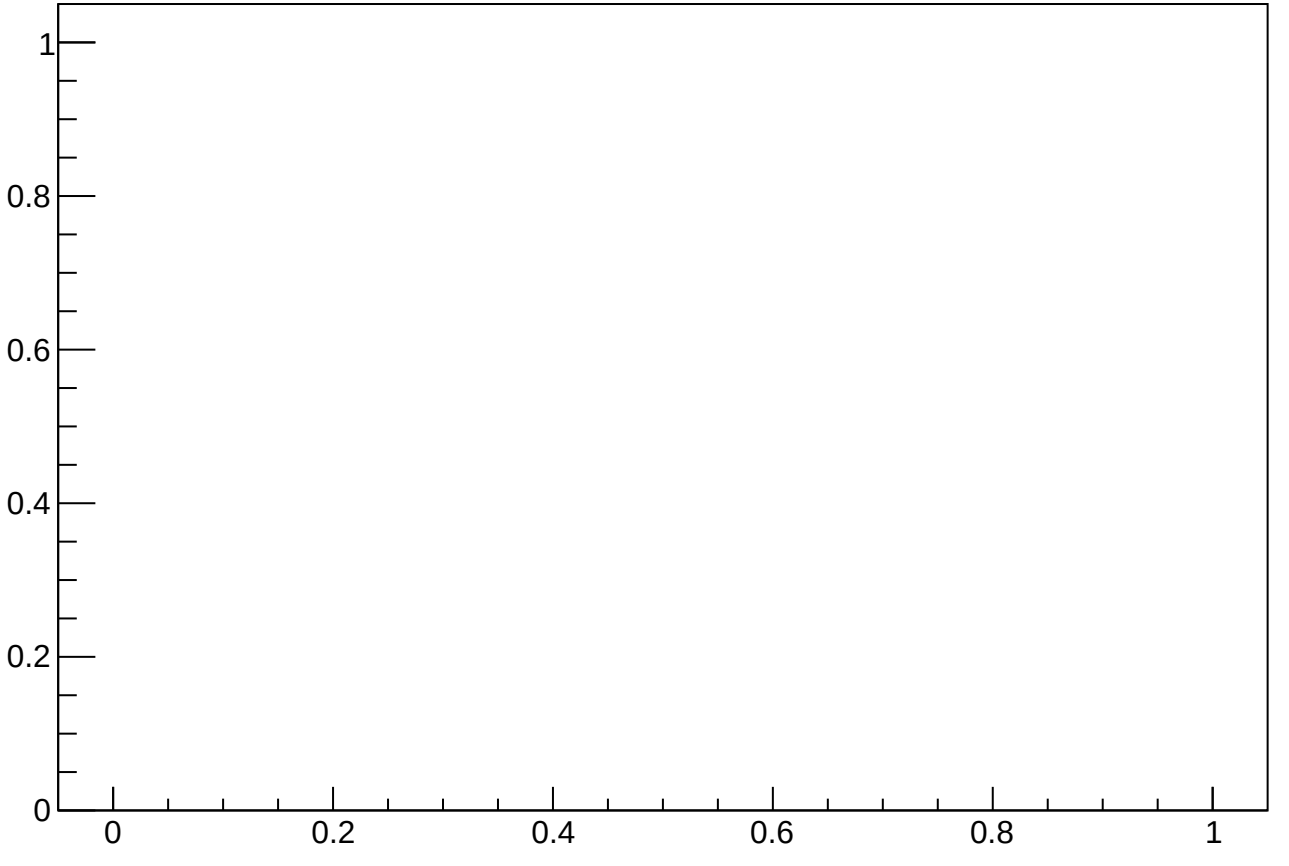
dit_atl2_coil1_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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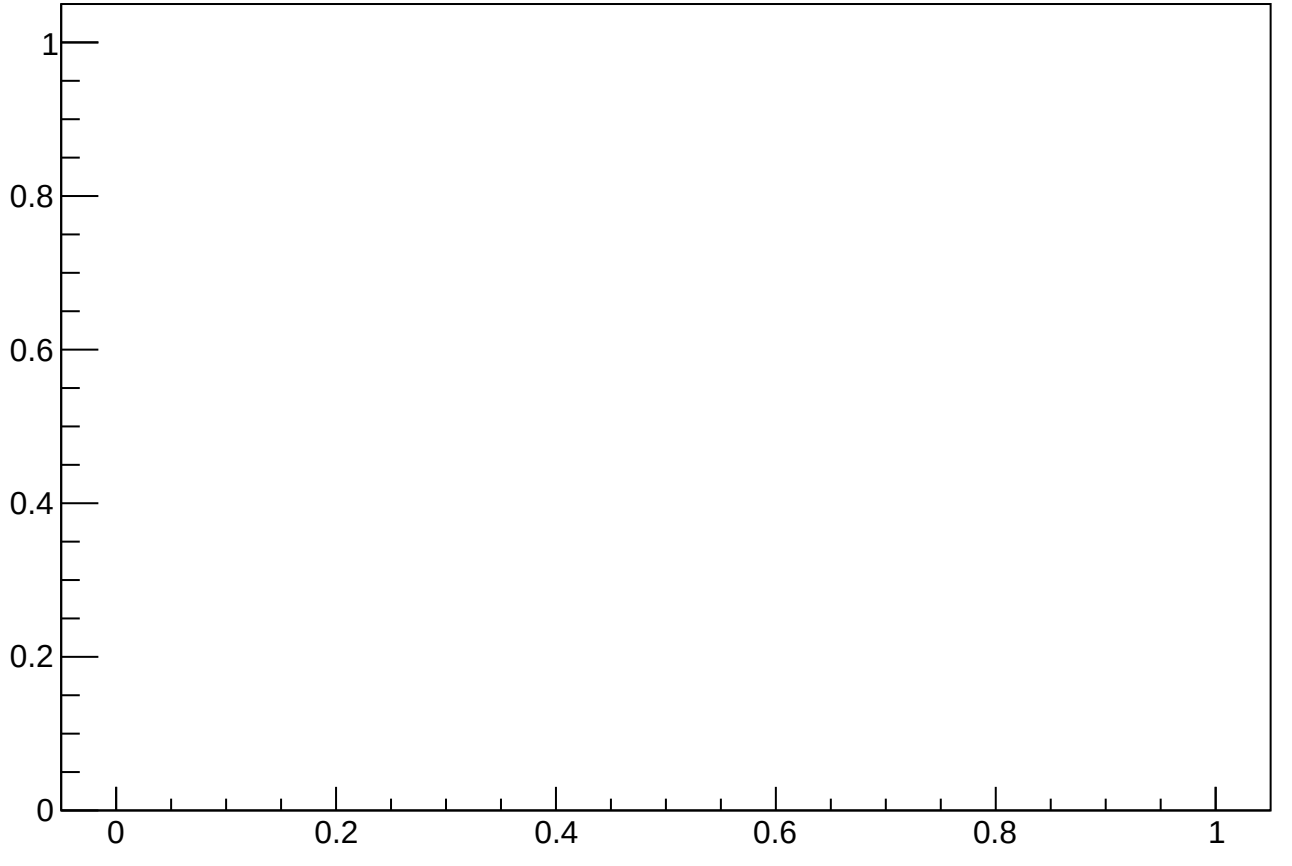
dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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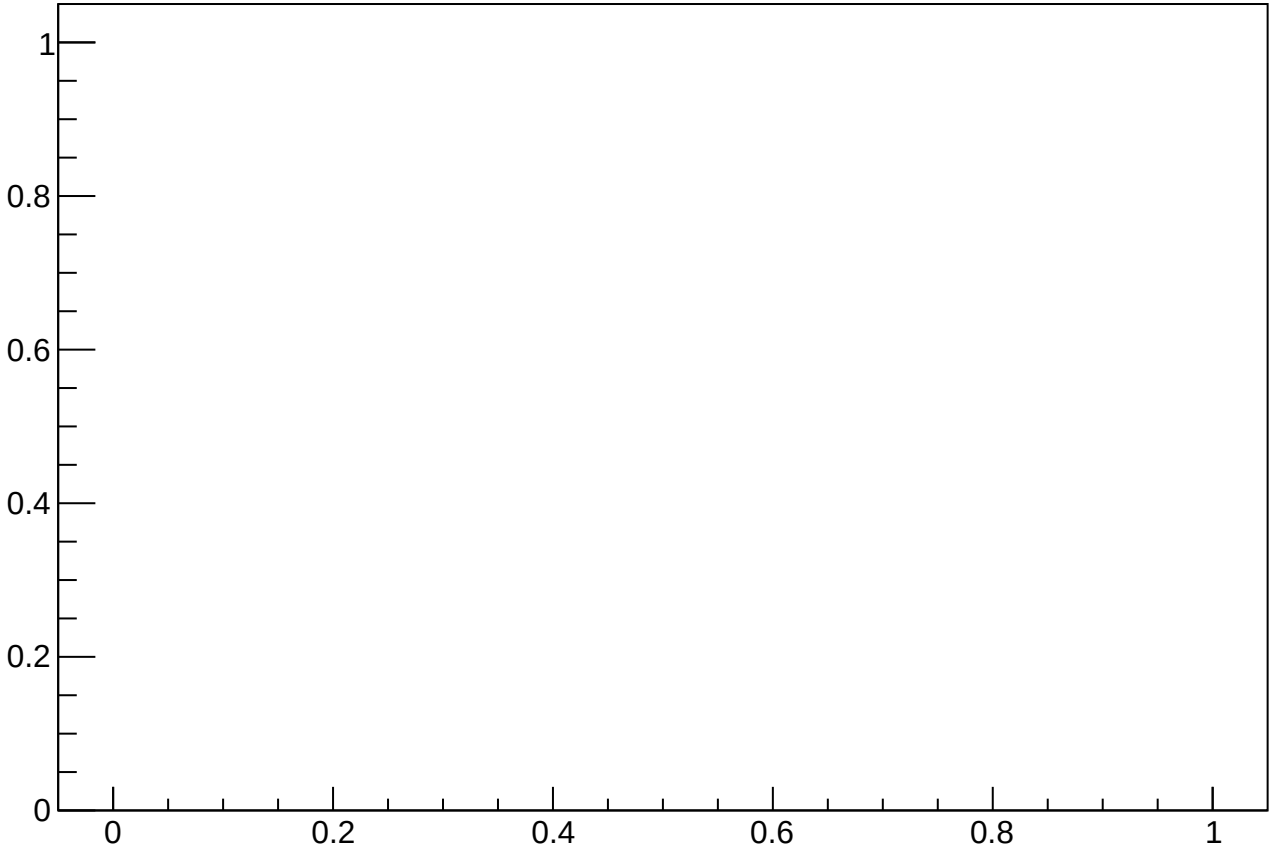
dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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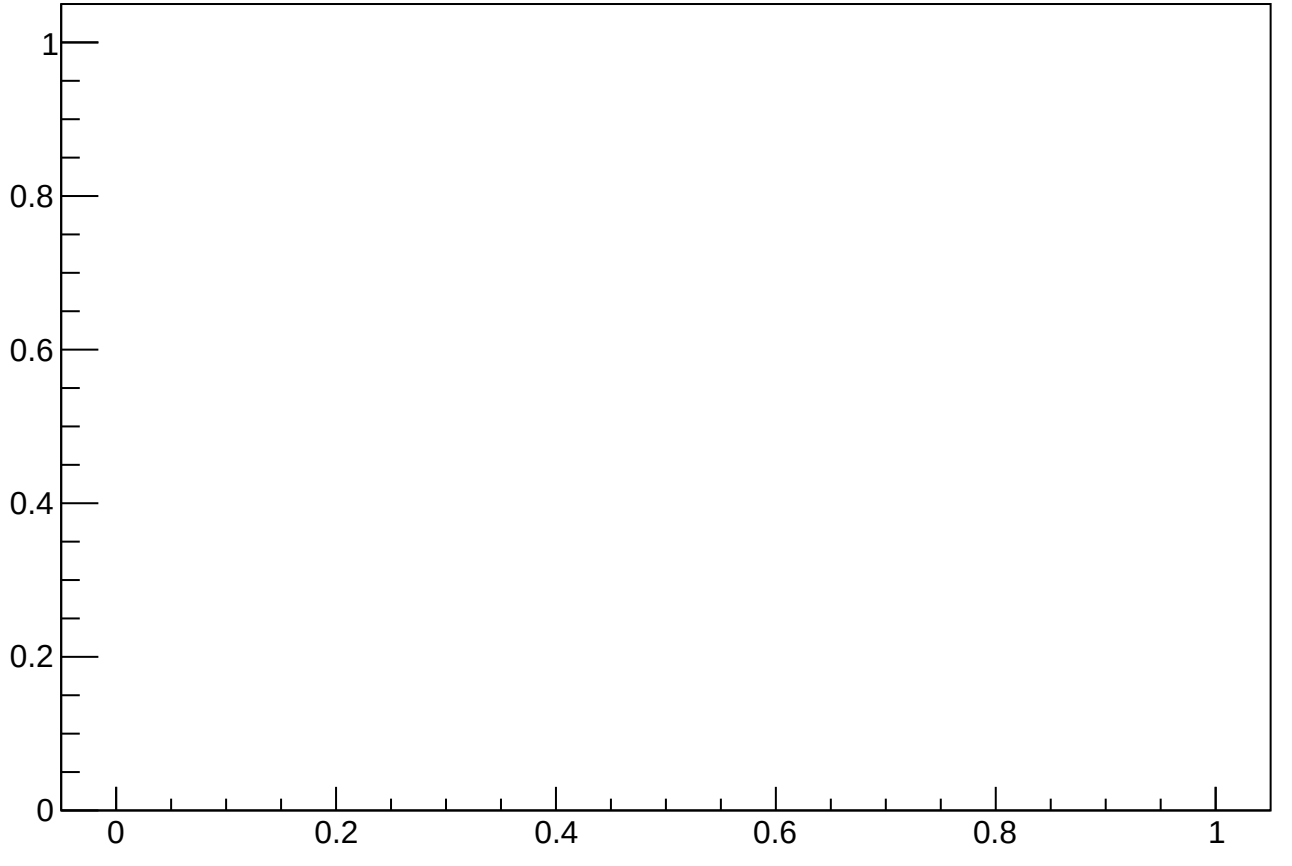

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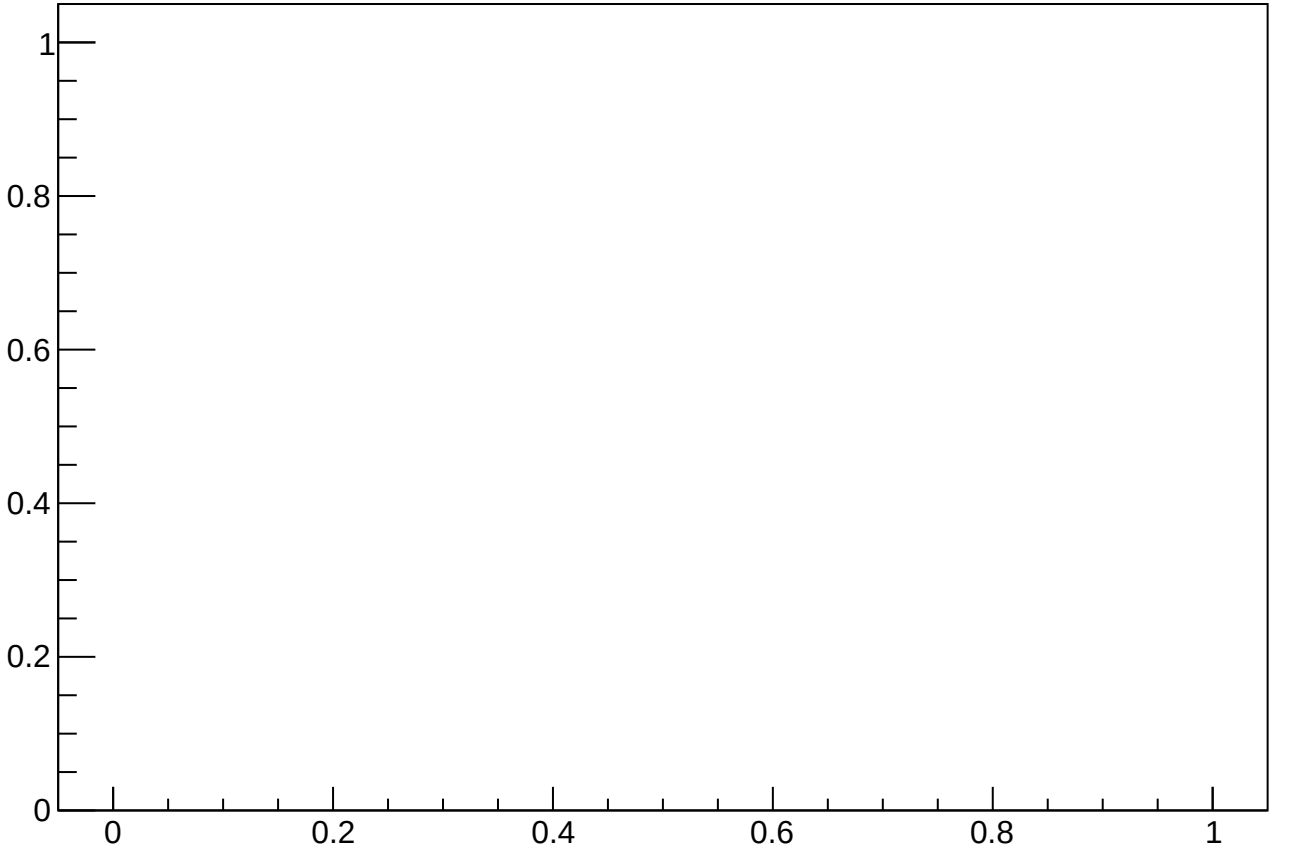
dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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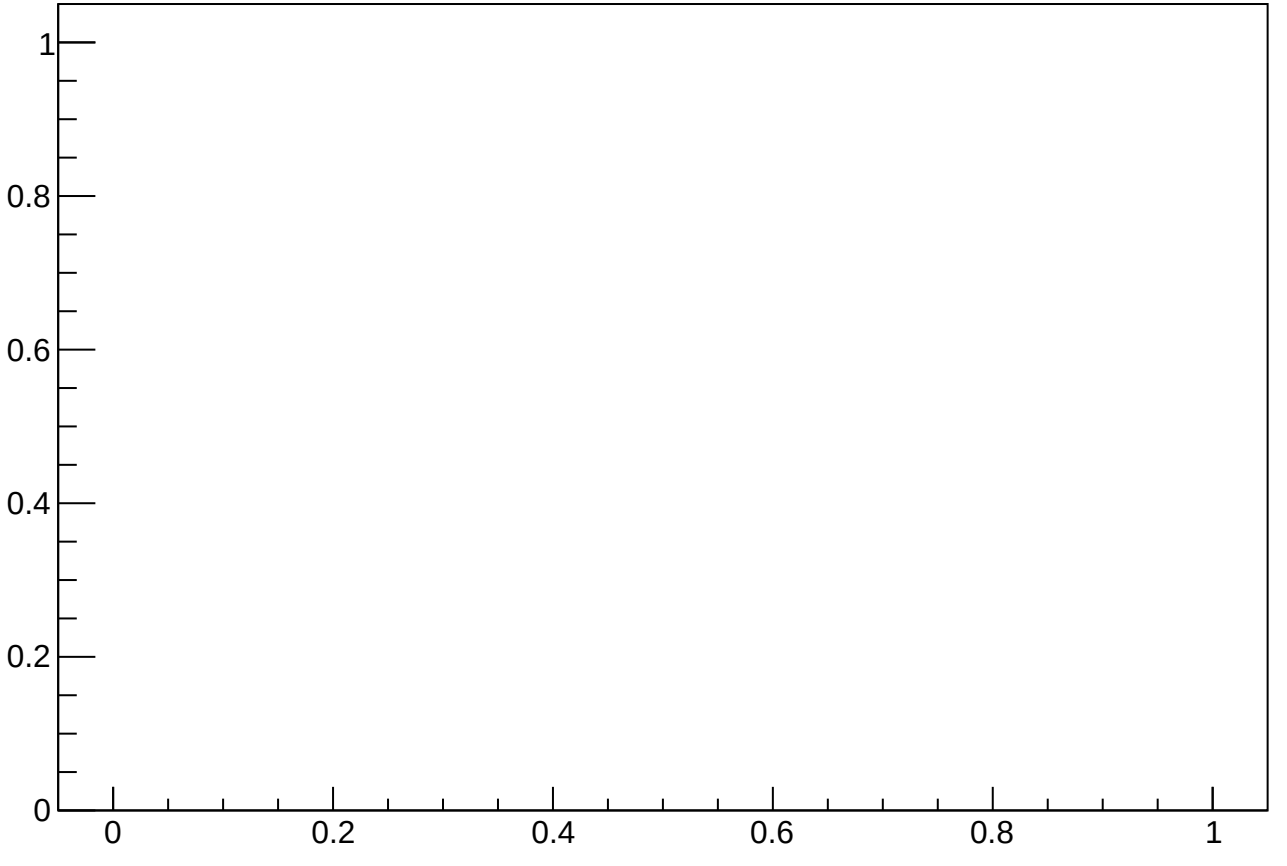
dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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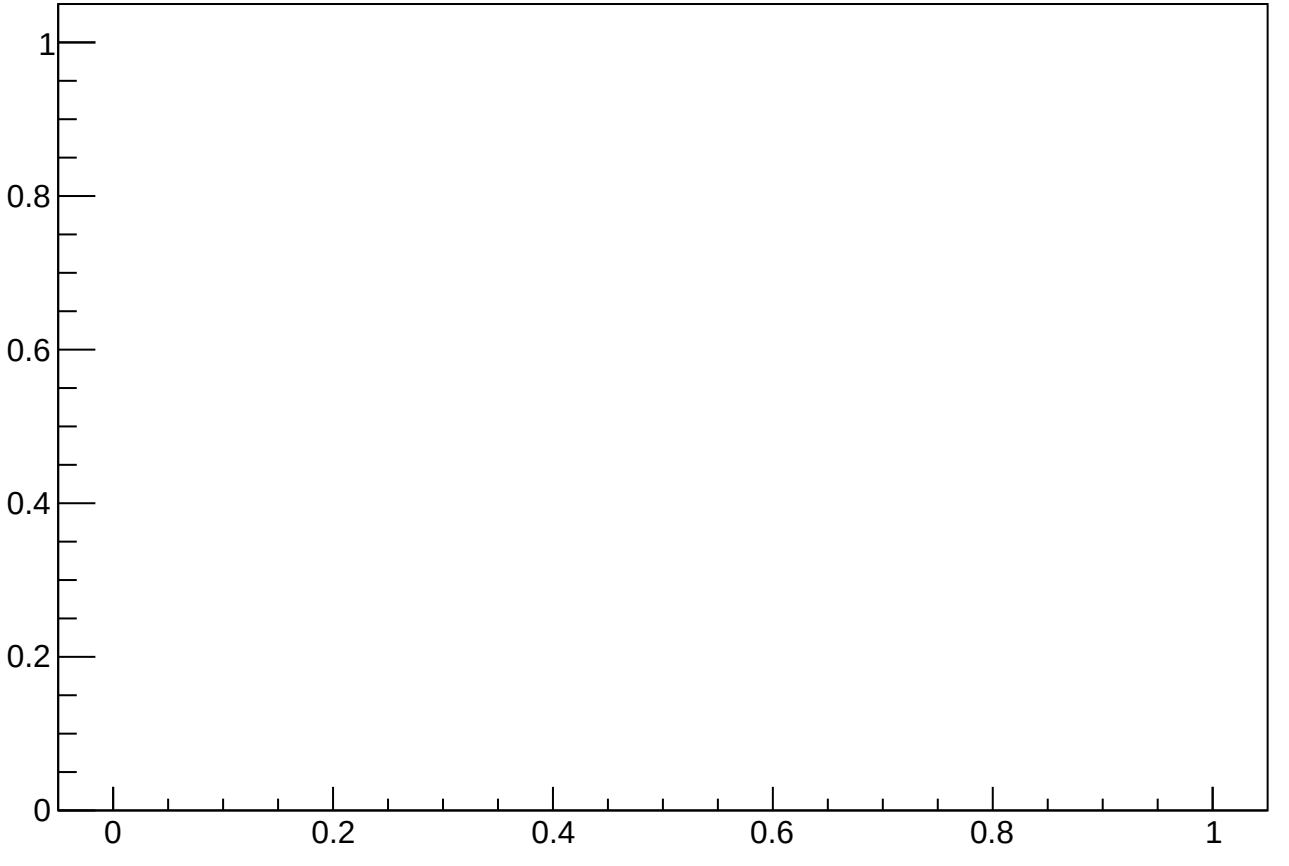
dit_atr2_coil1_mean vs Slug, Sign Corrected



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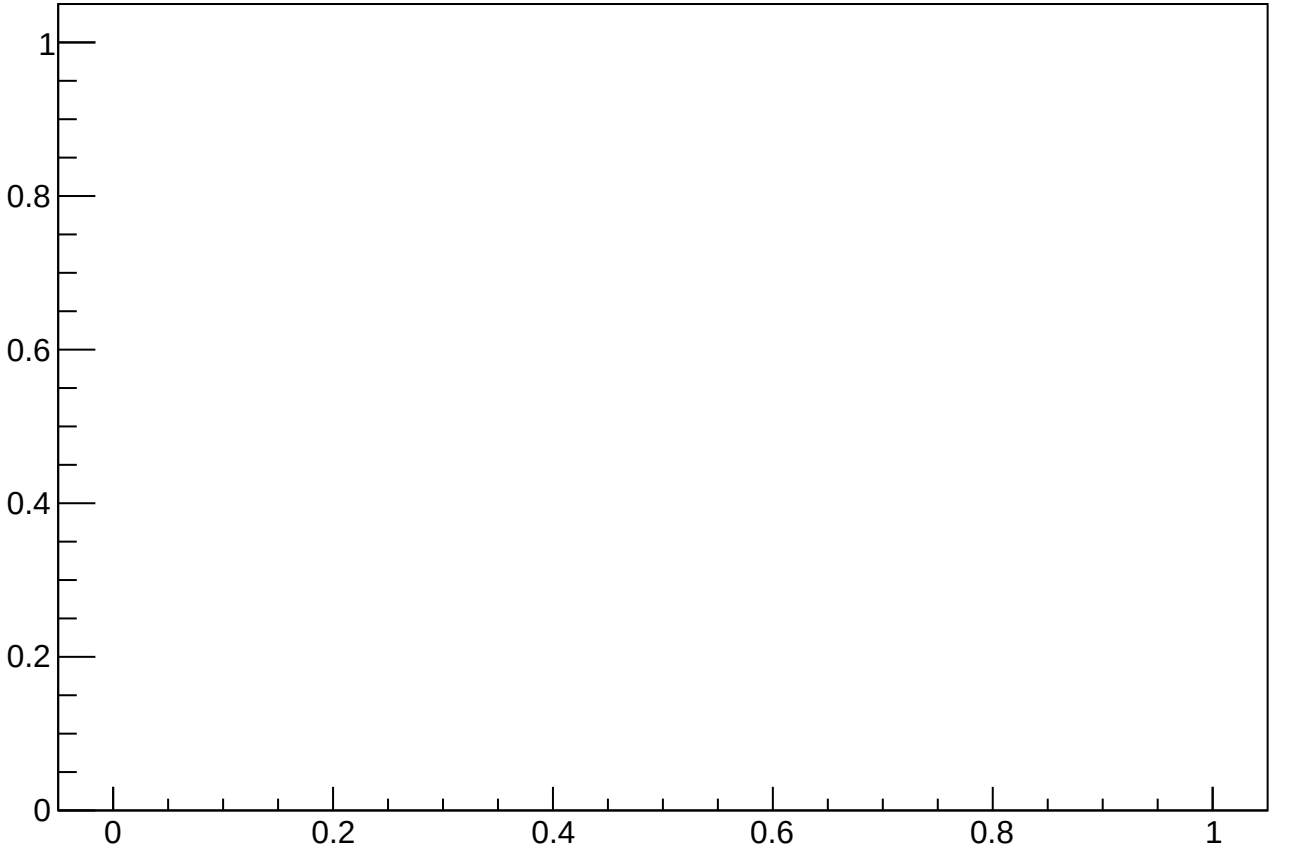
dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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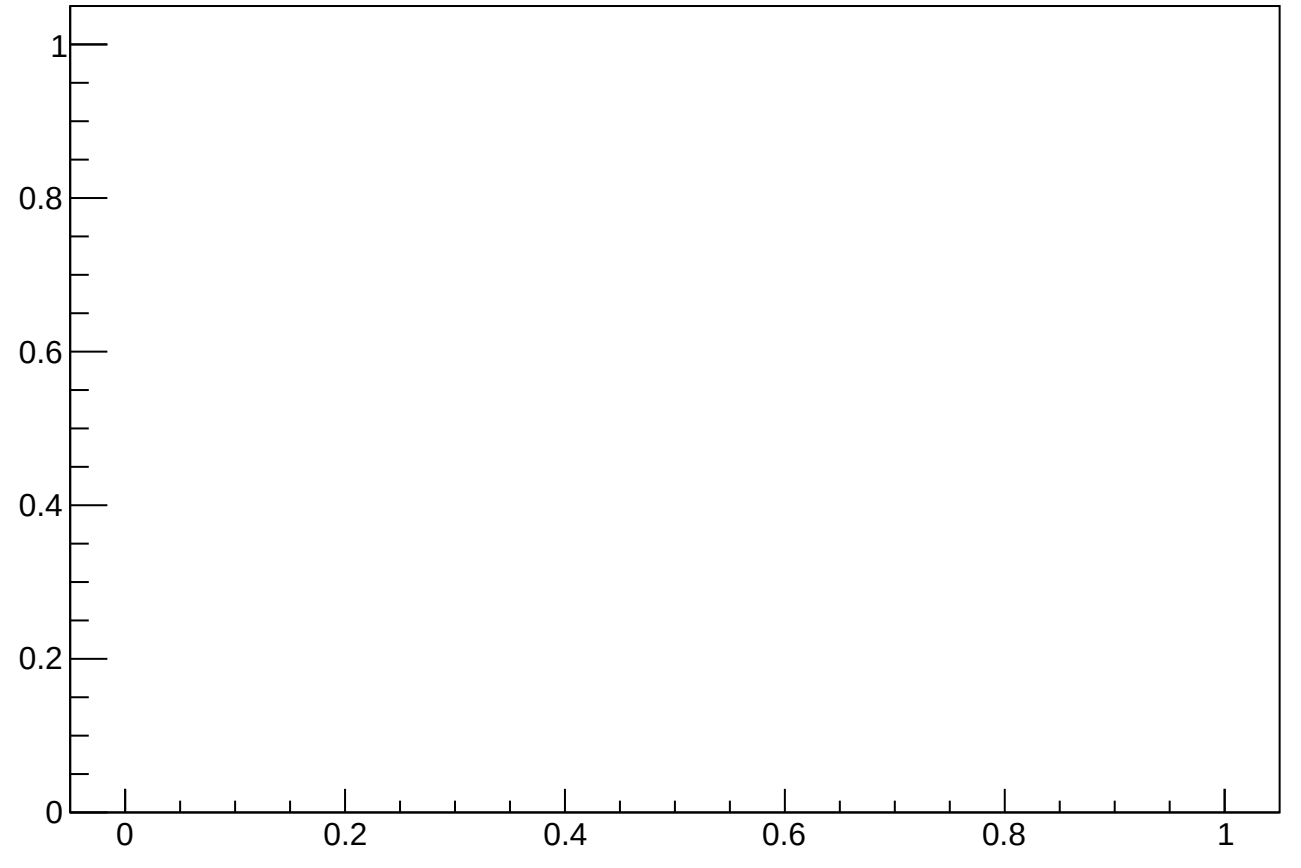

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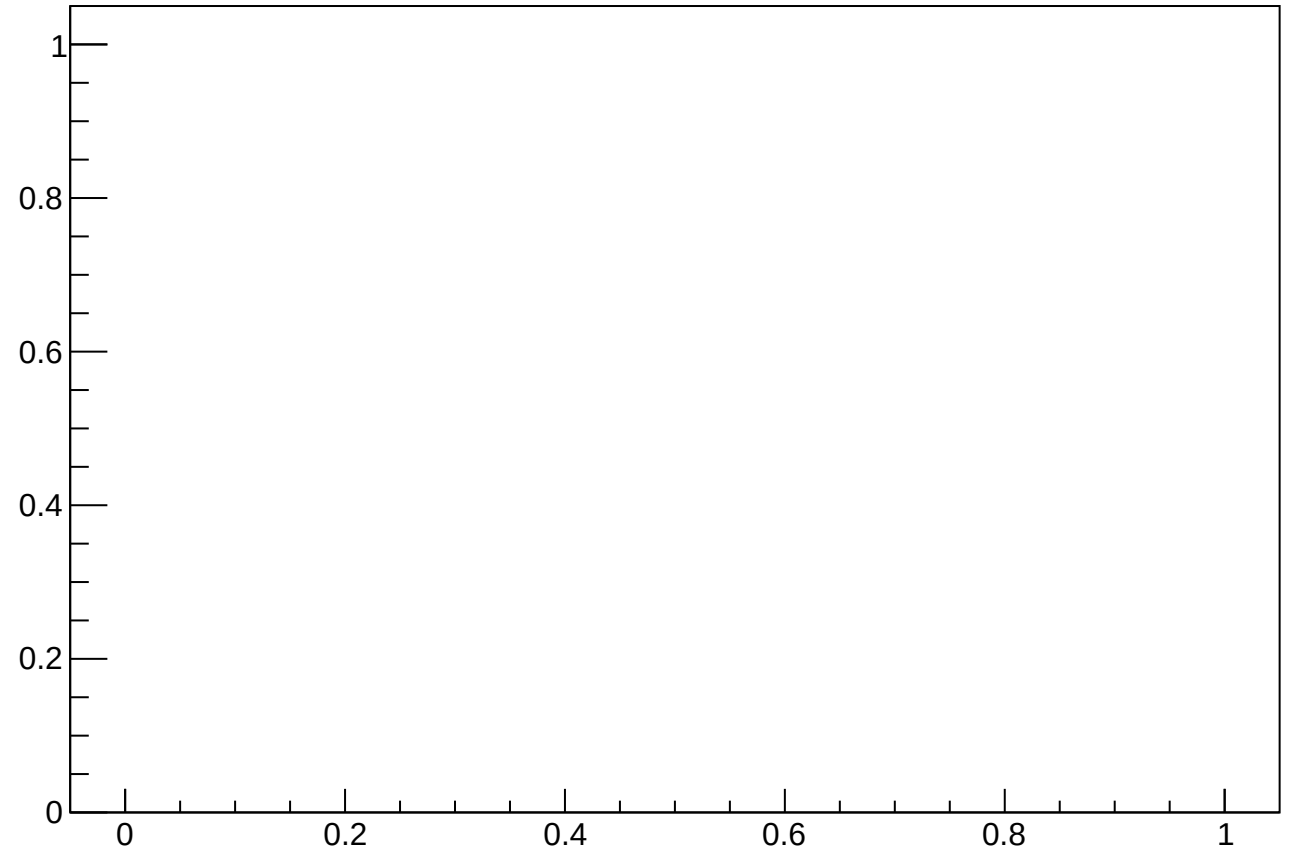

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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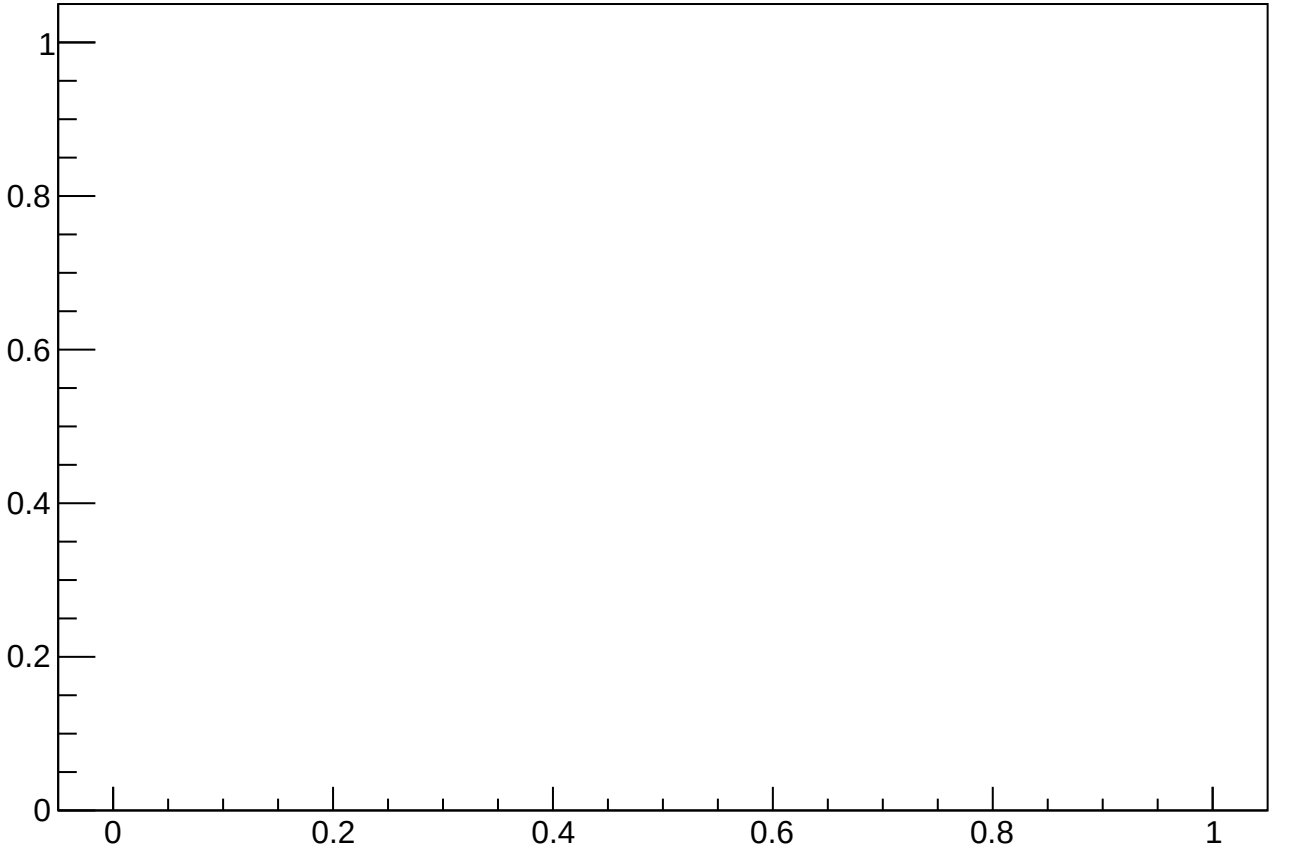
dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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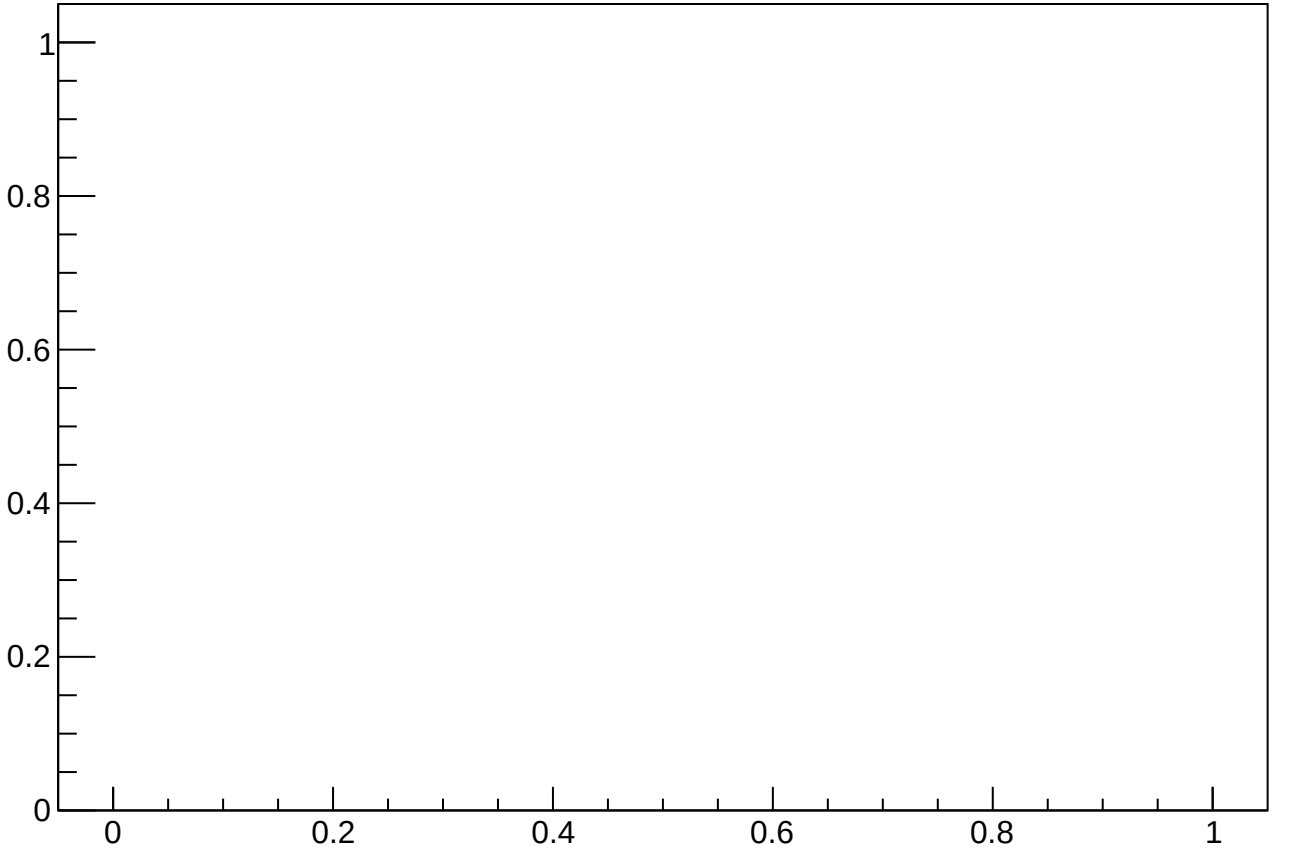
dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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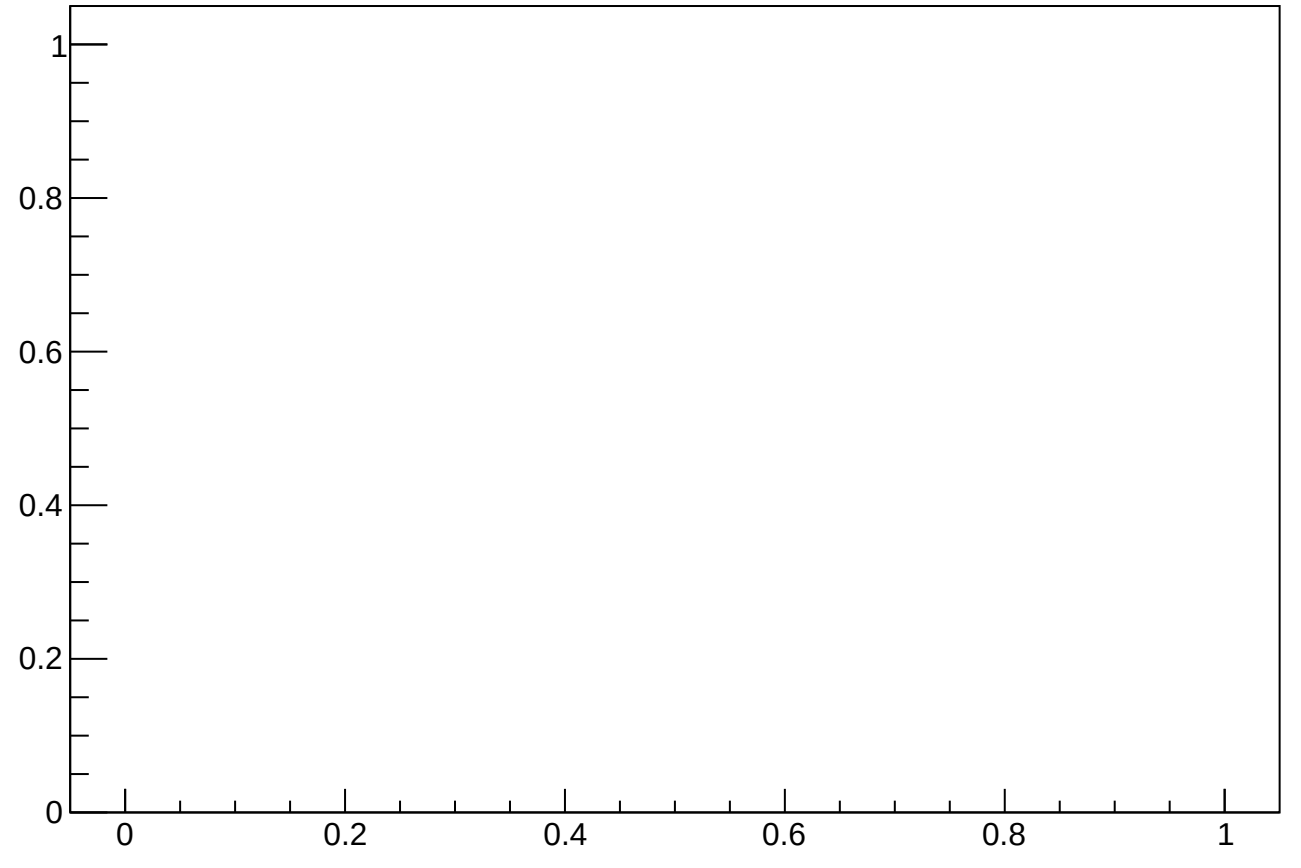

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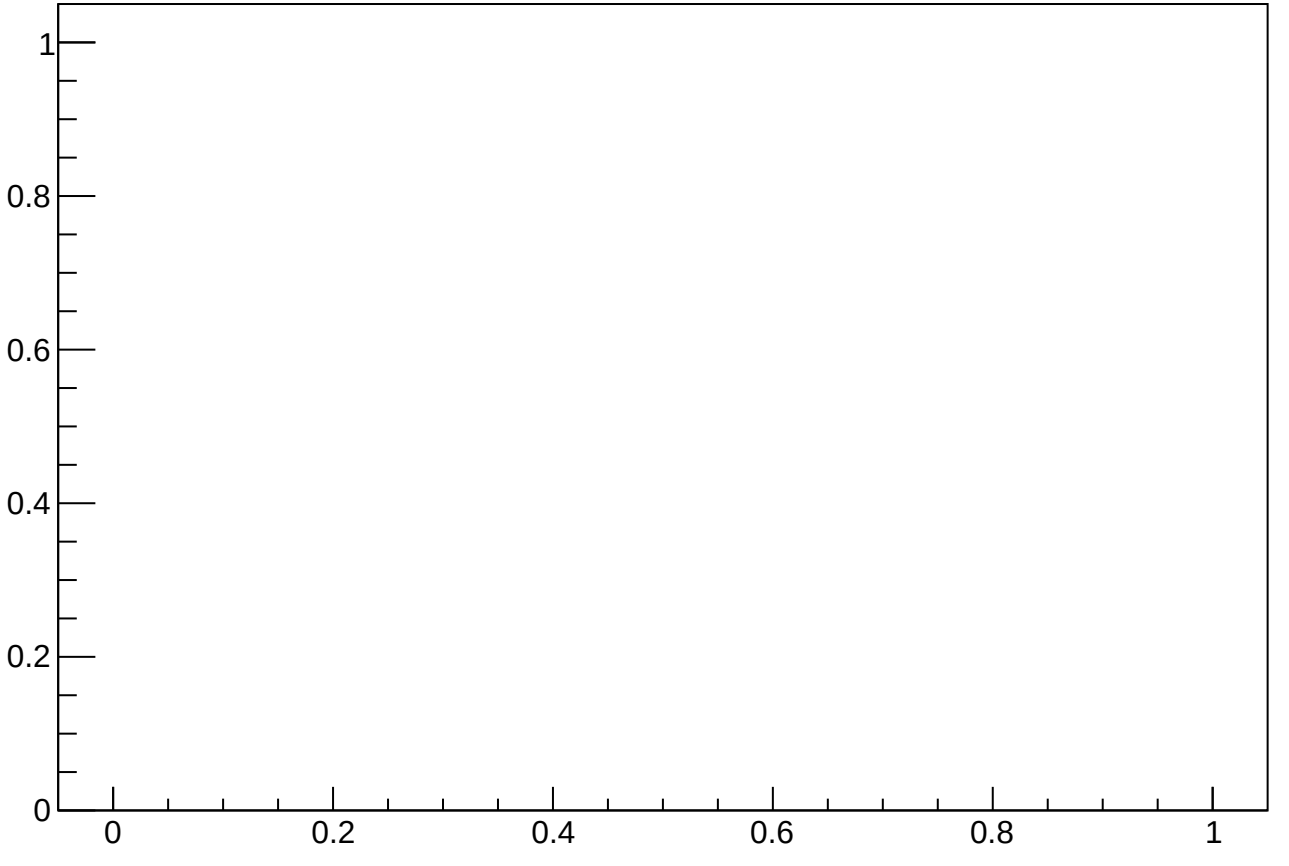
dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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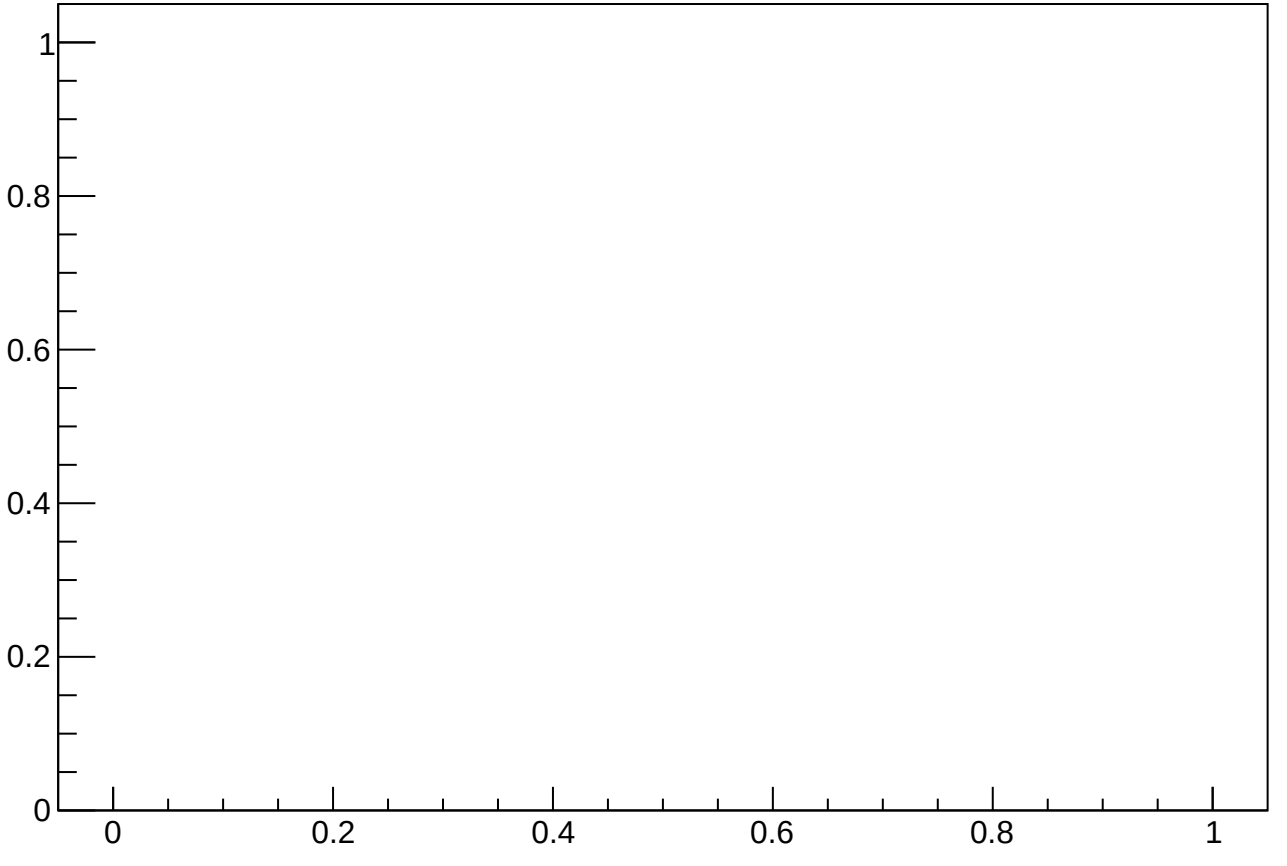
dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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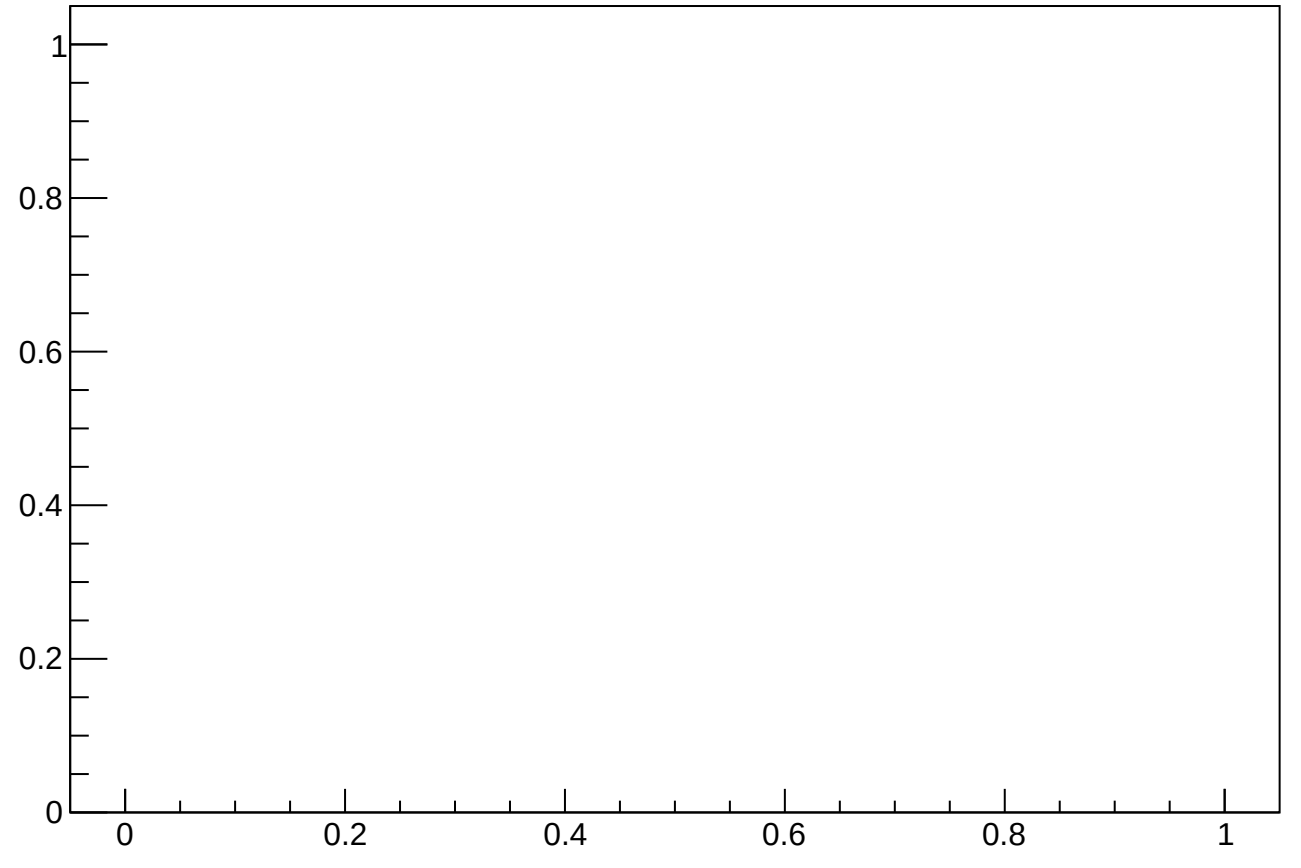

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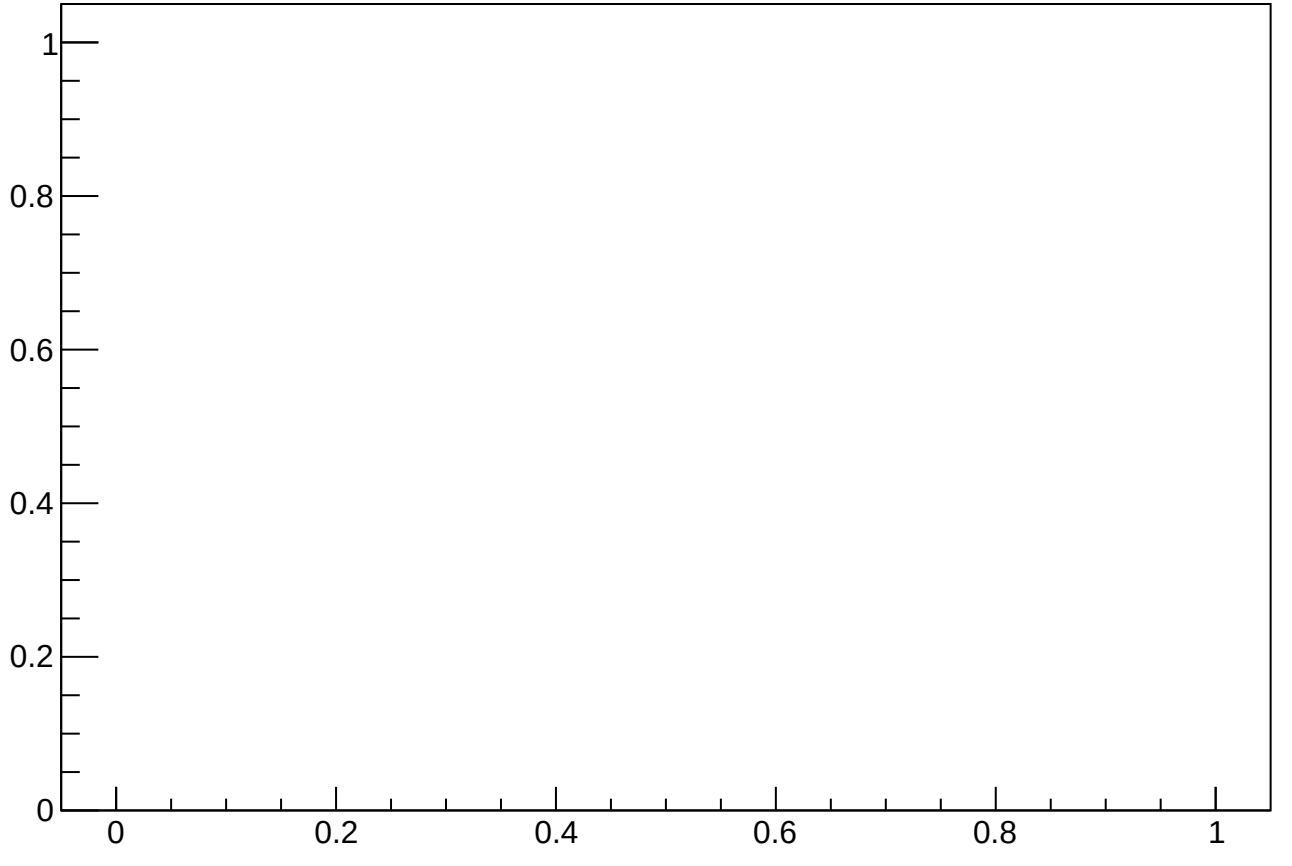
dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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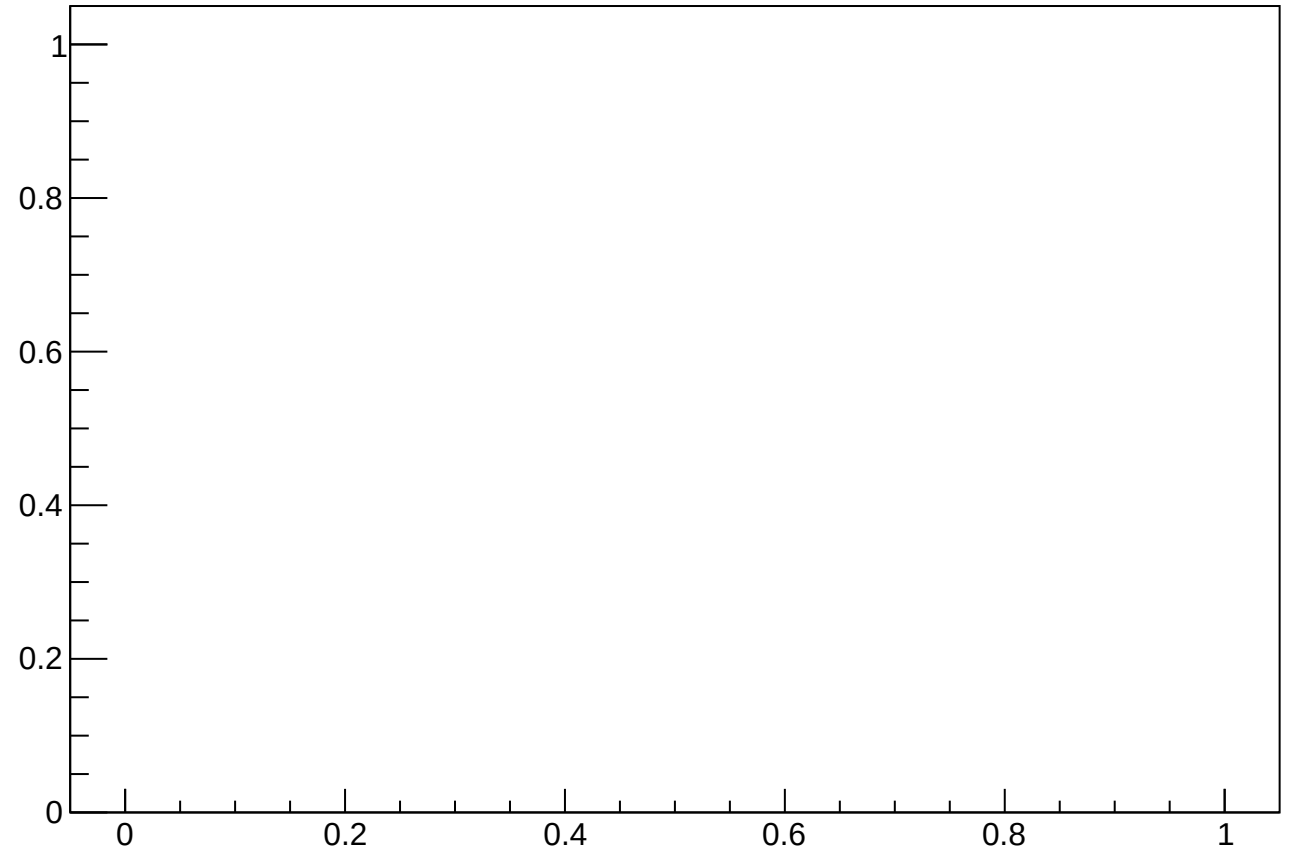

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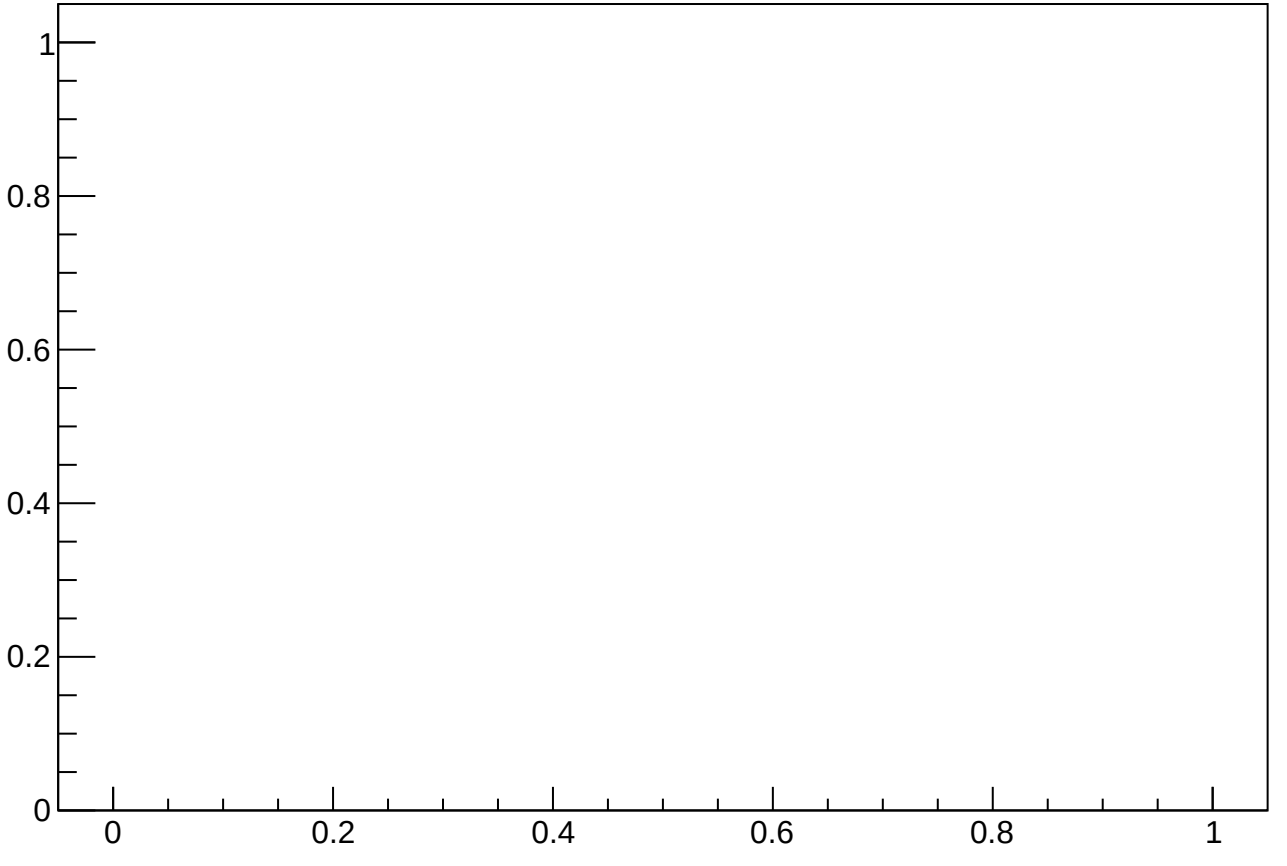
dit_sam4_coil1_mean vs Slug, Sign Corrected



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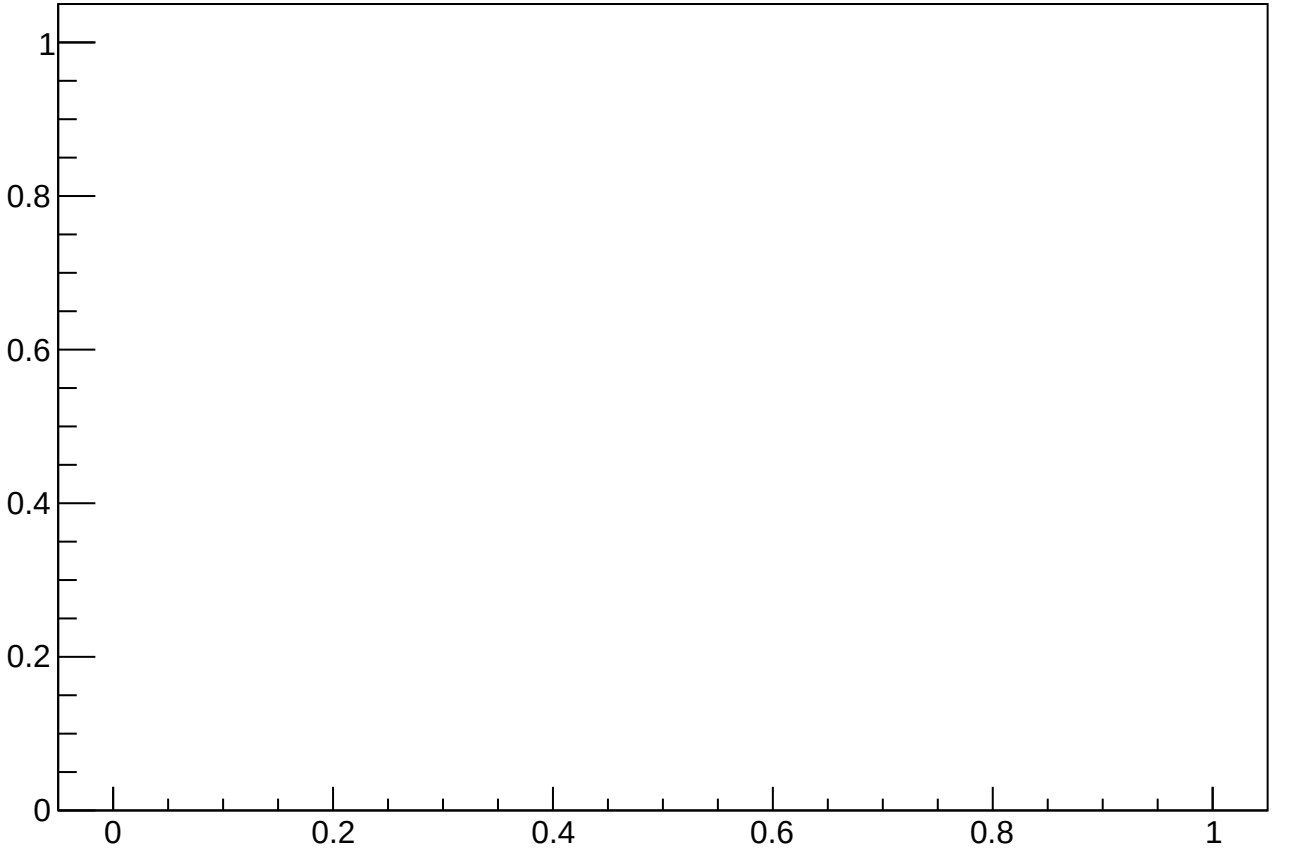
dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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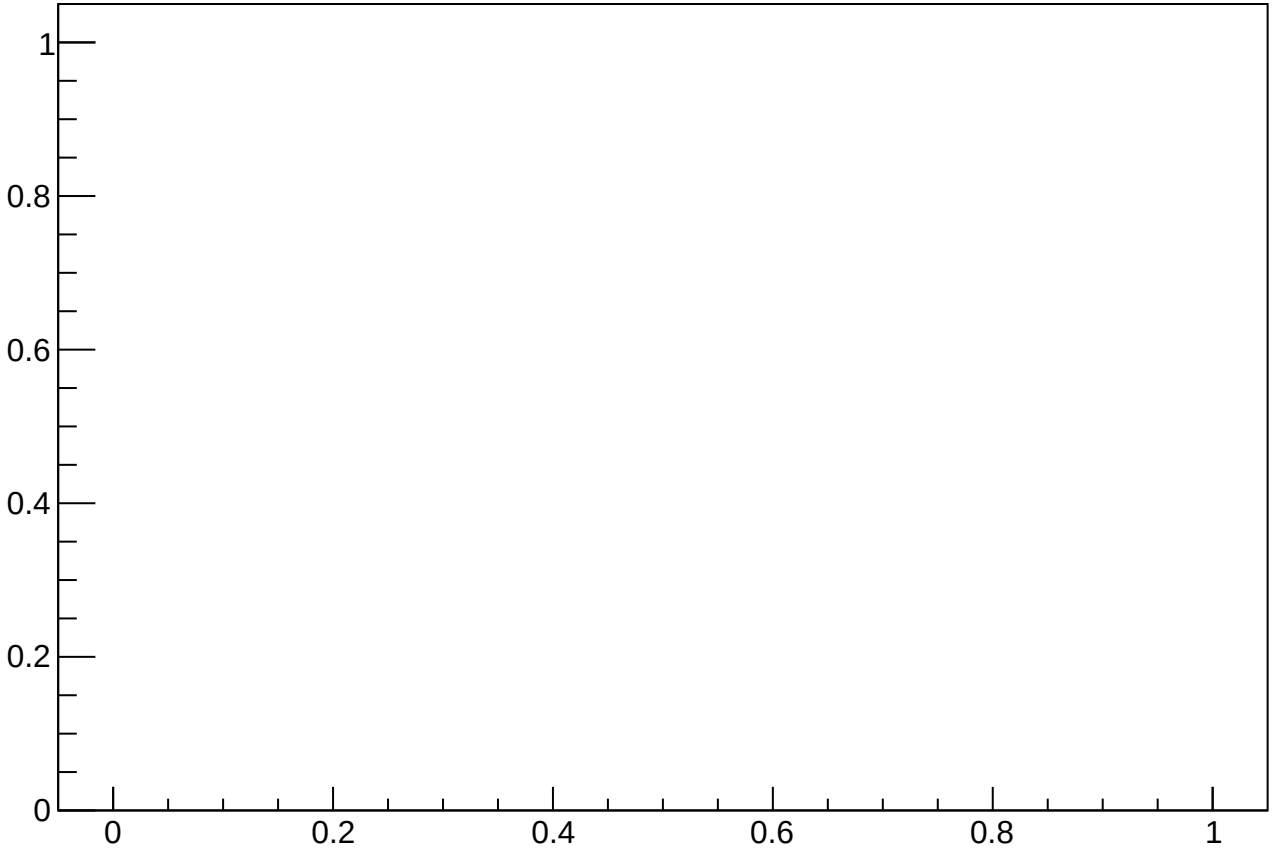
dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

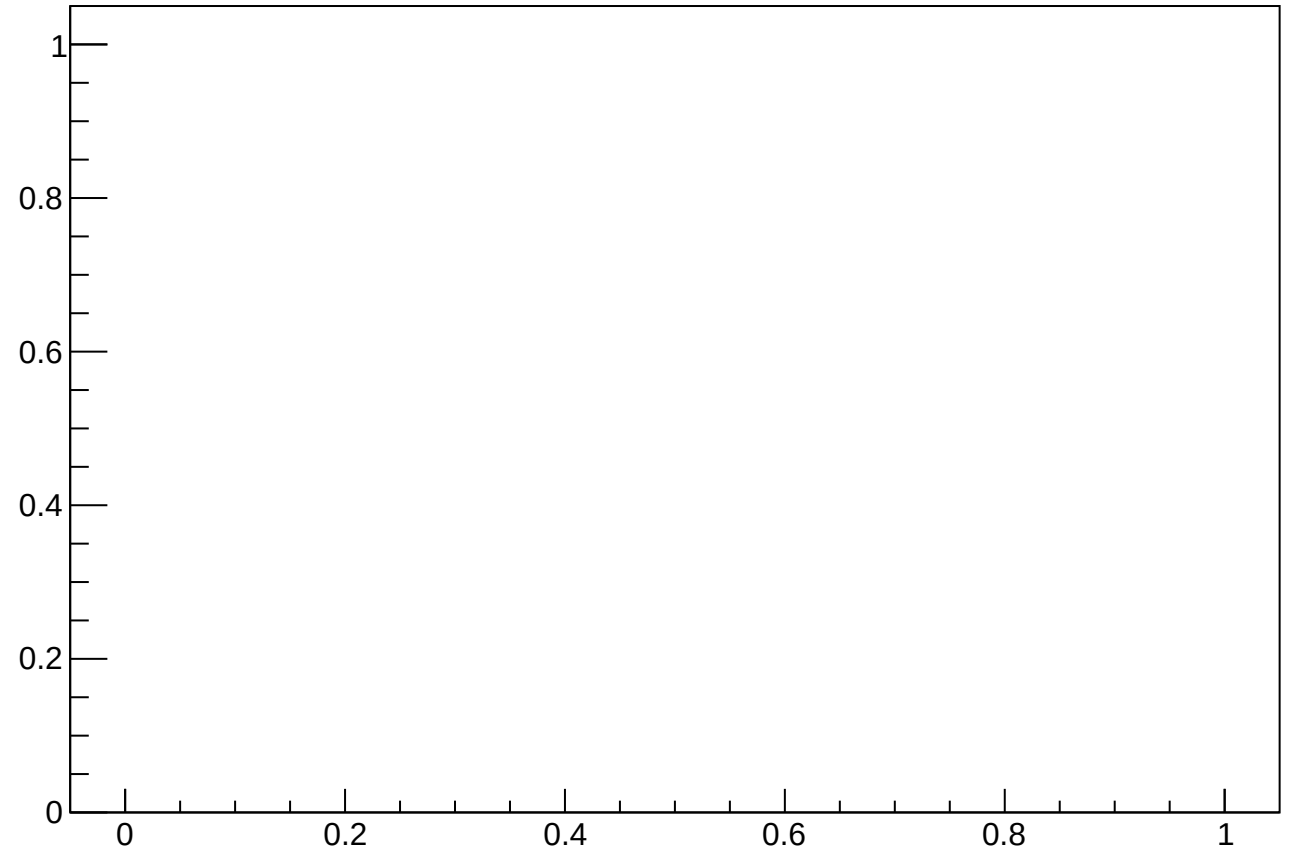
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

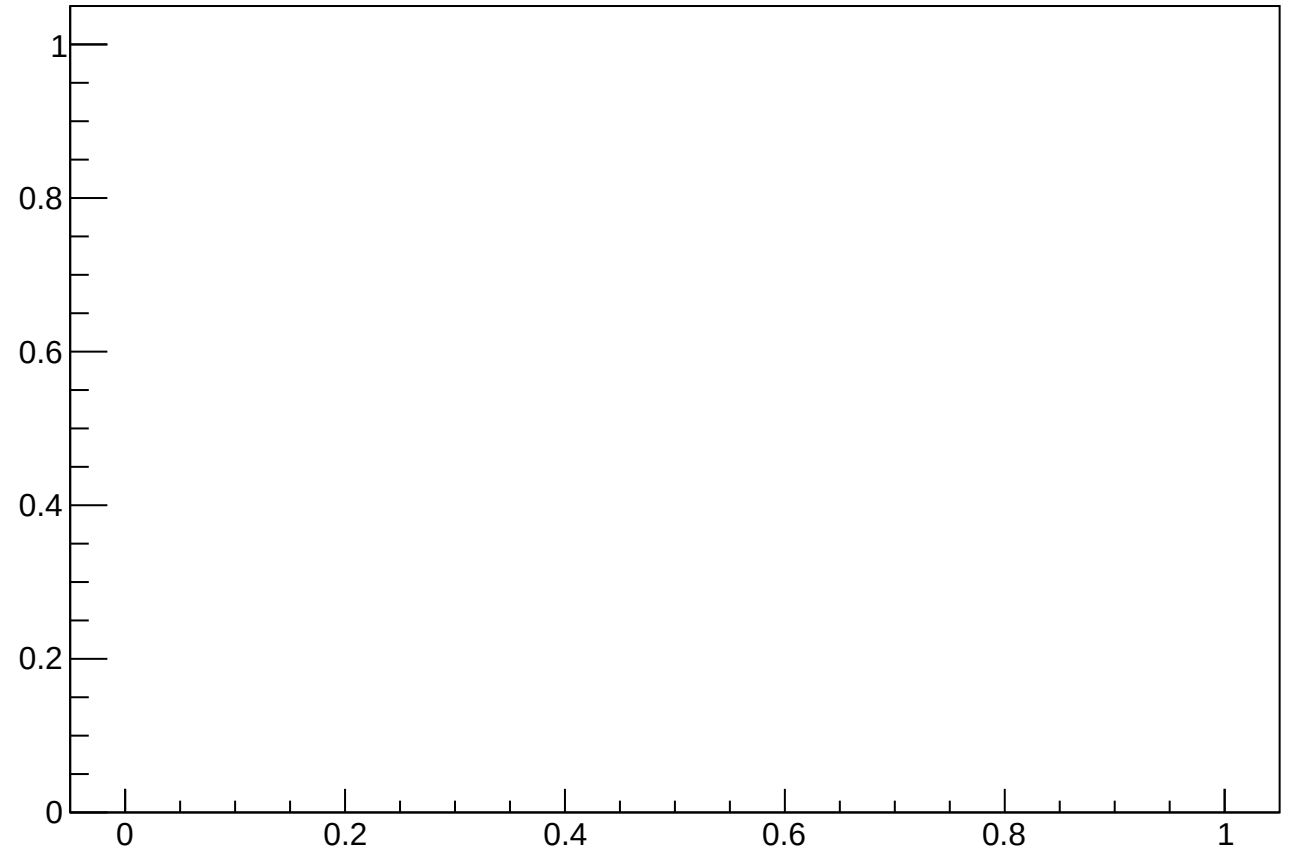
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

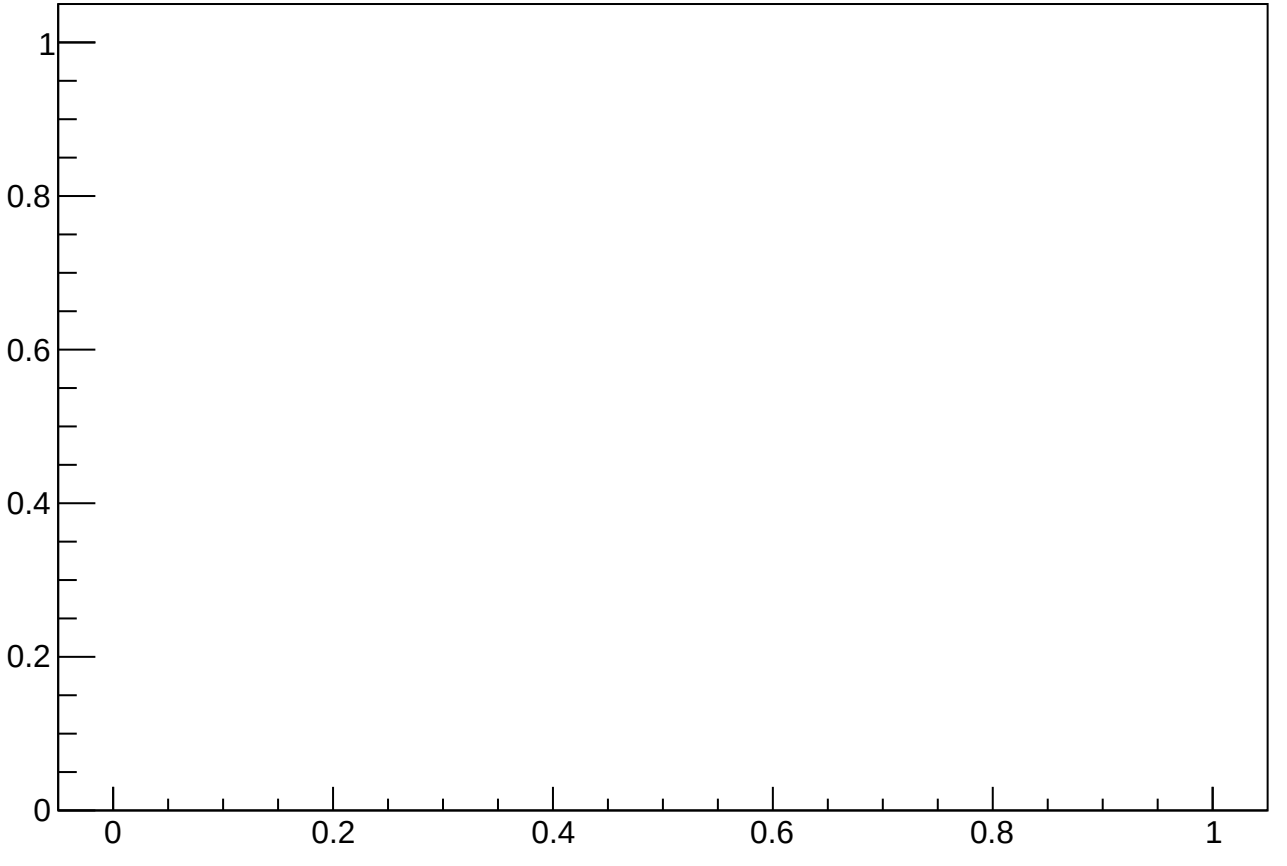
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

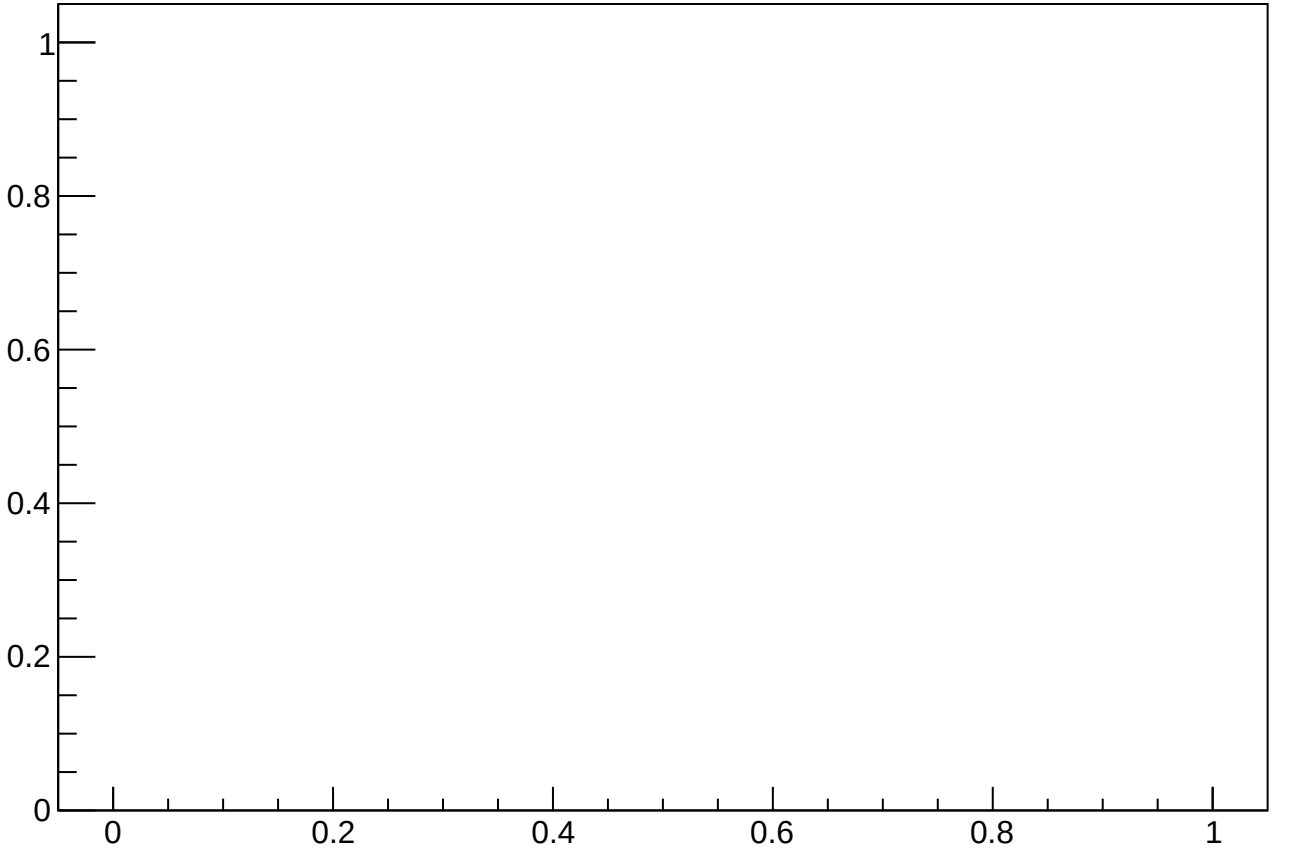
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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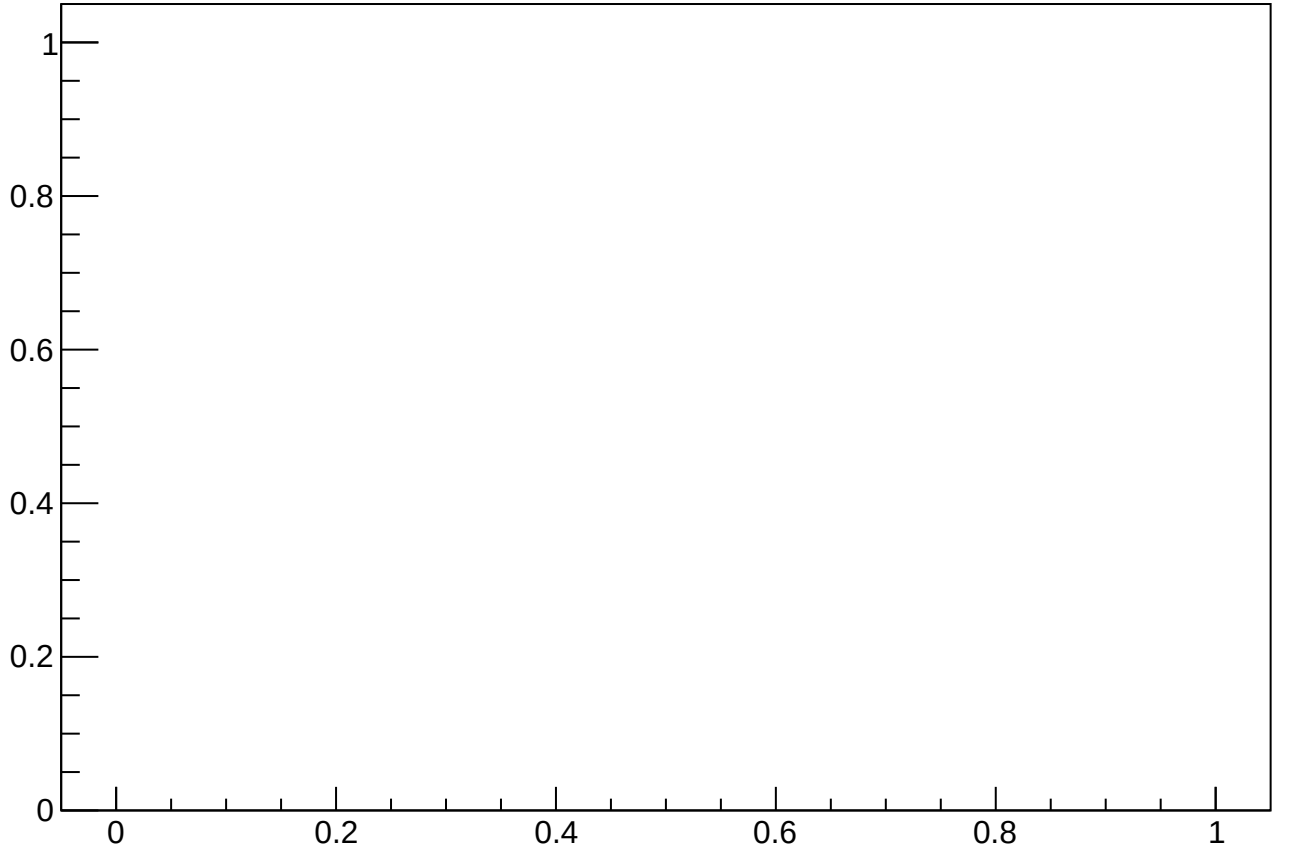
dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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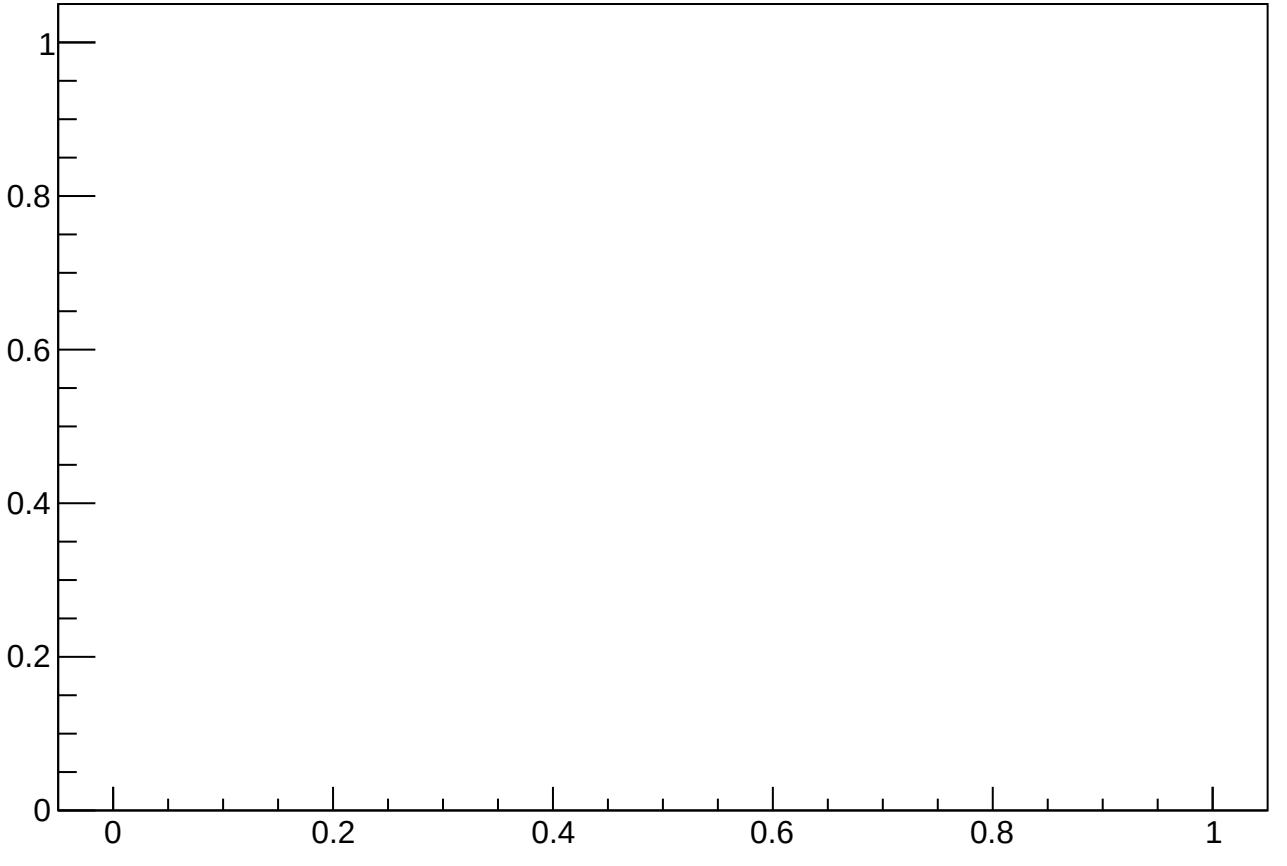
dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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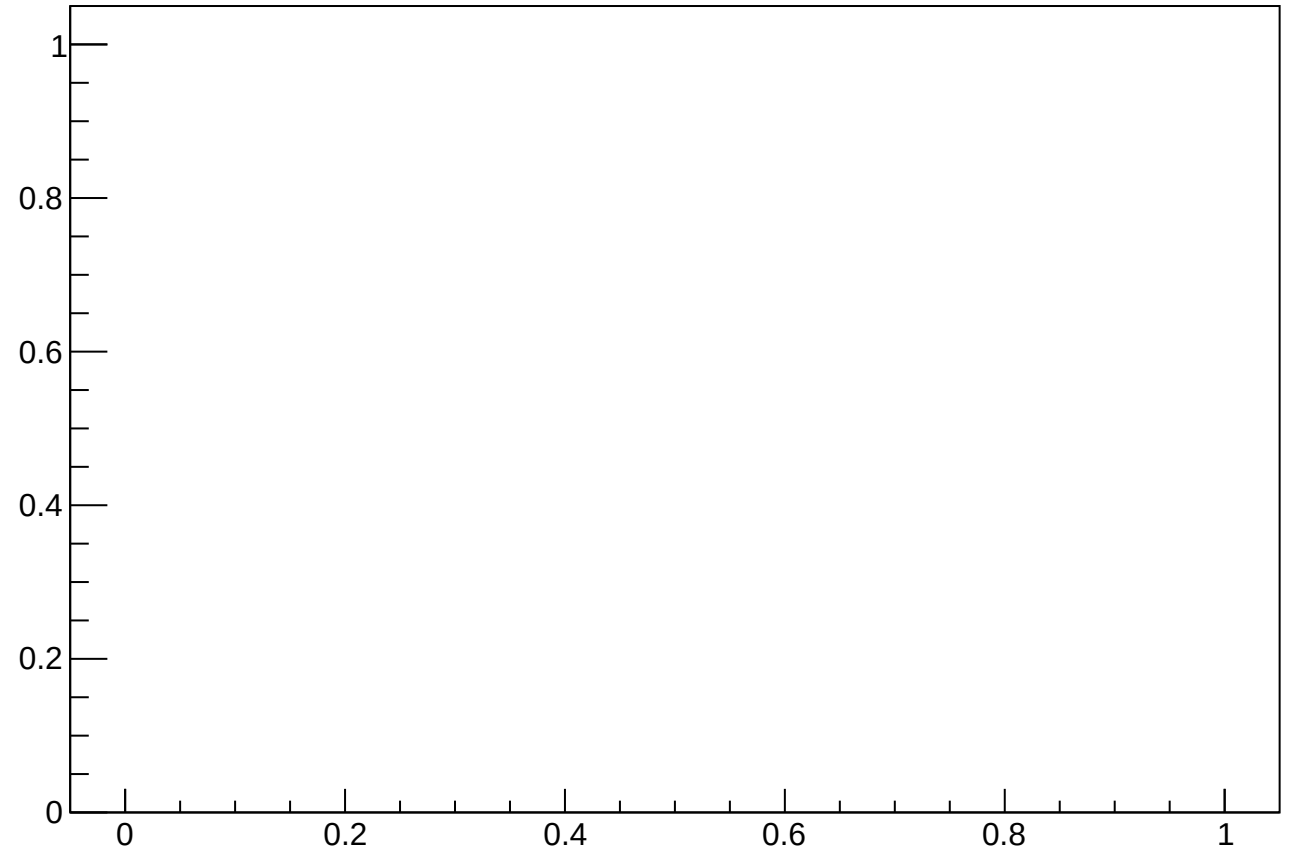

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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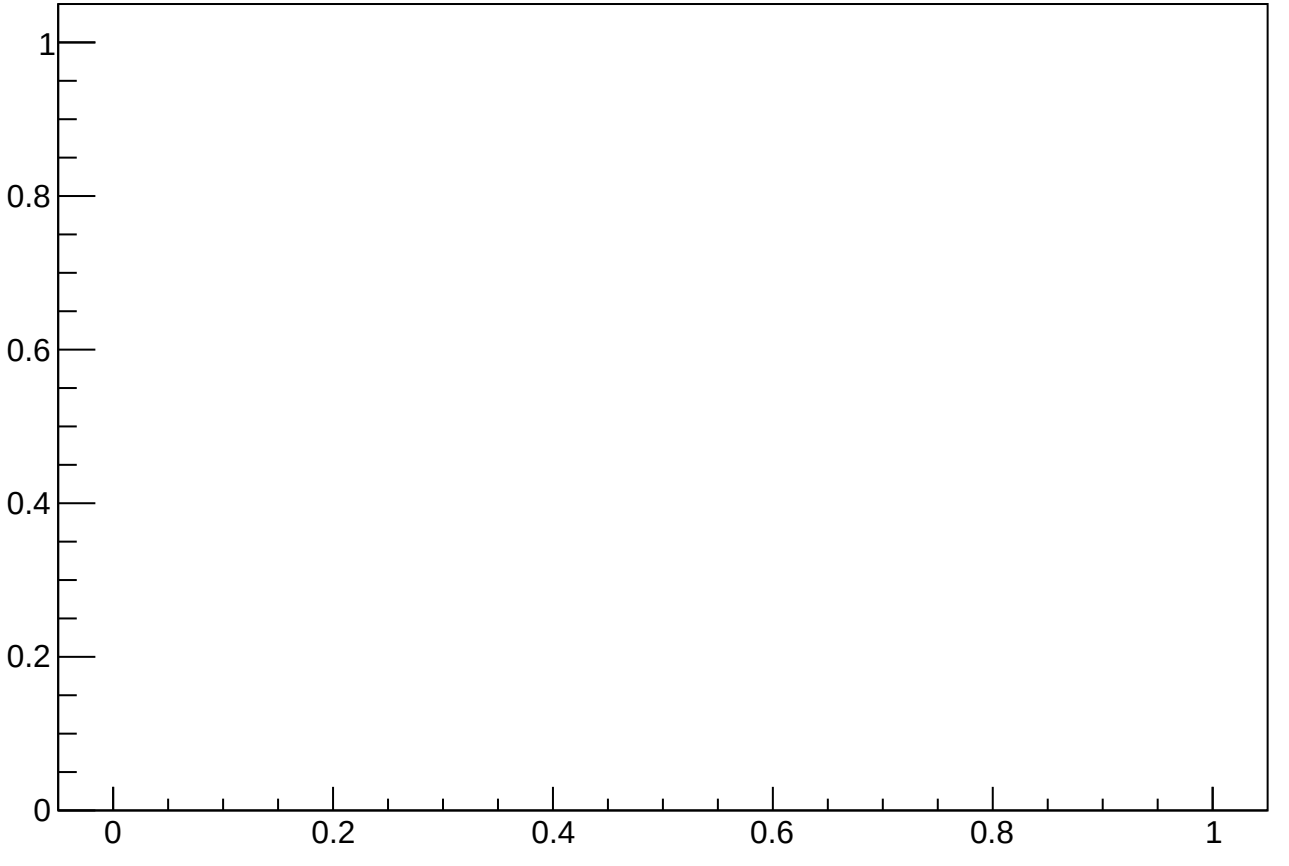
dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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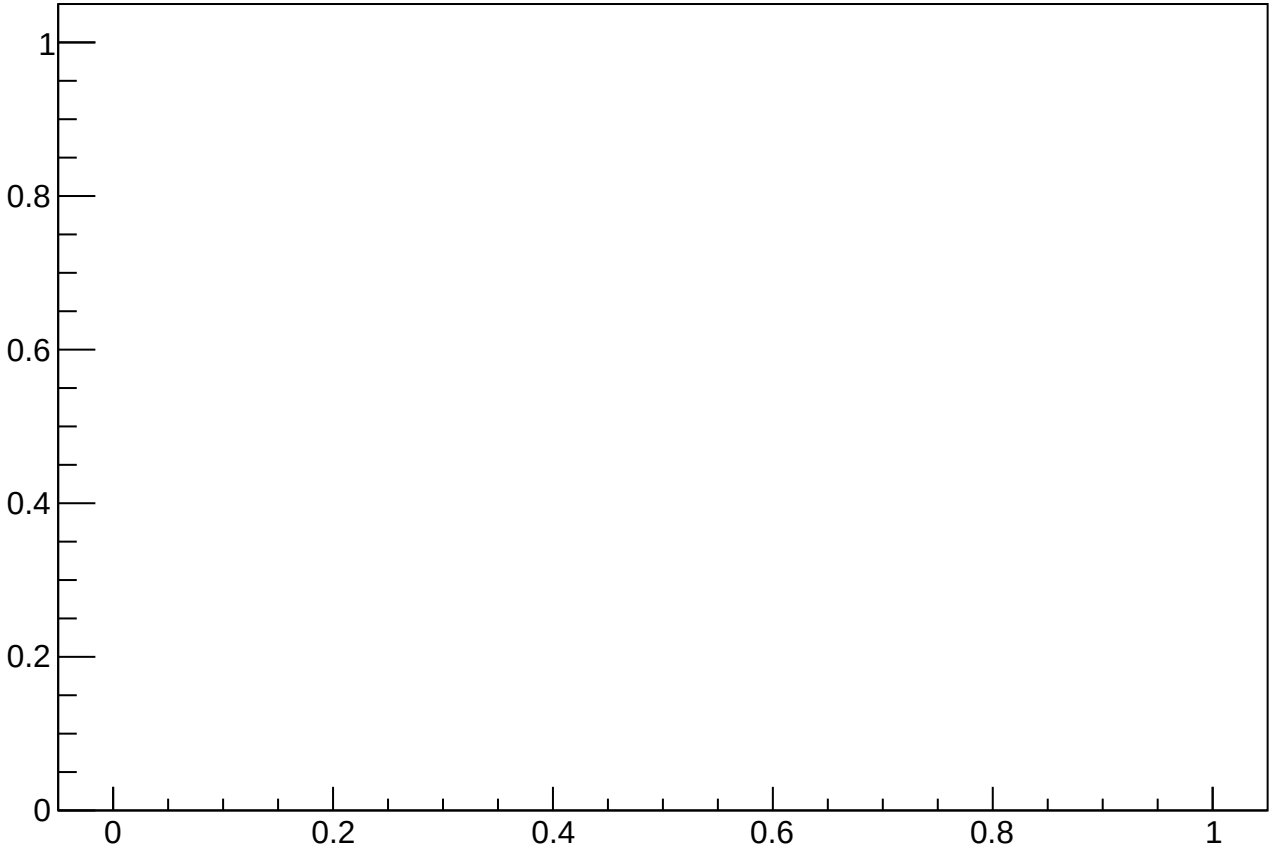
dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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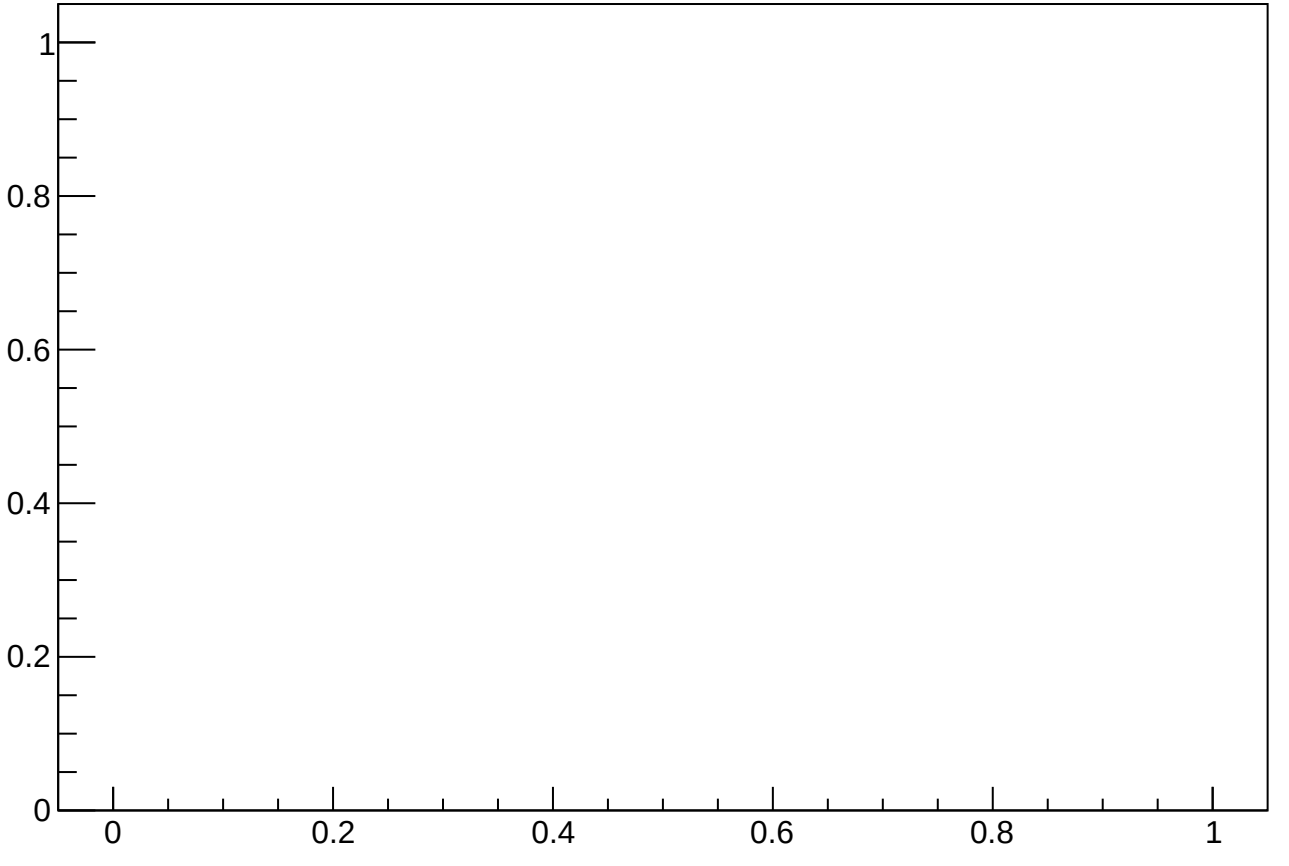
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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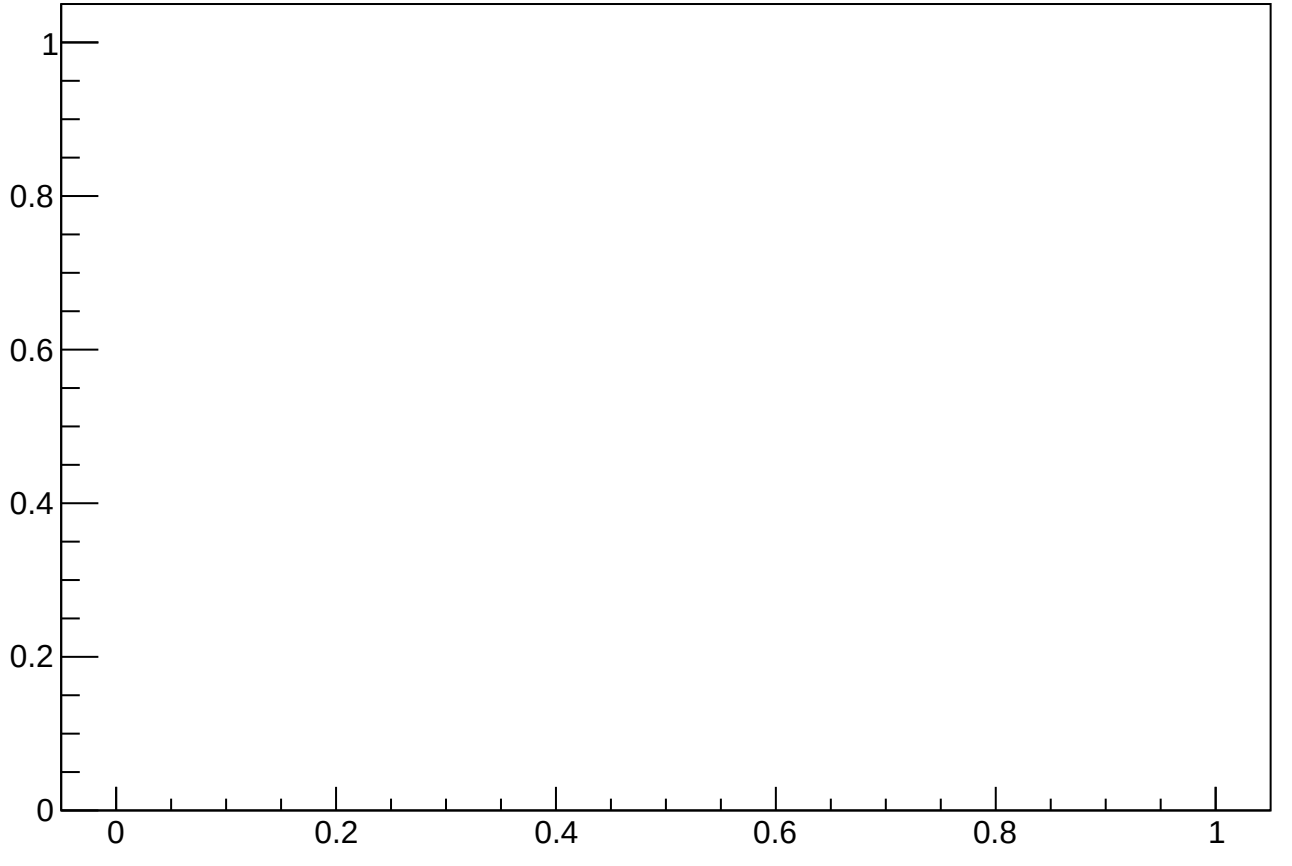
dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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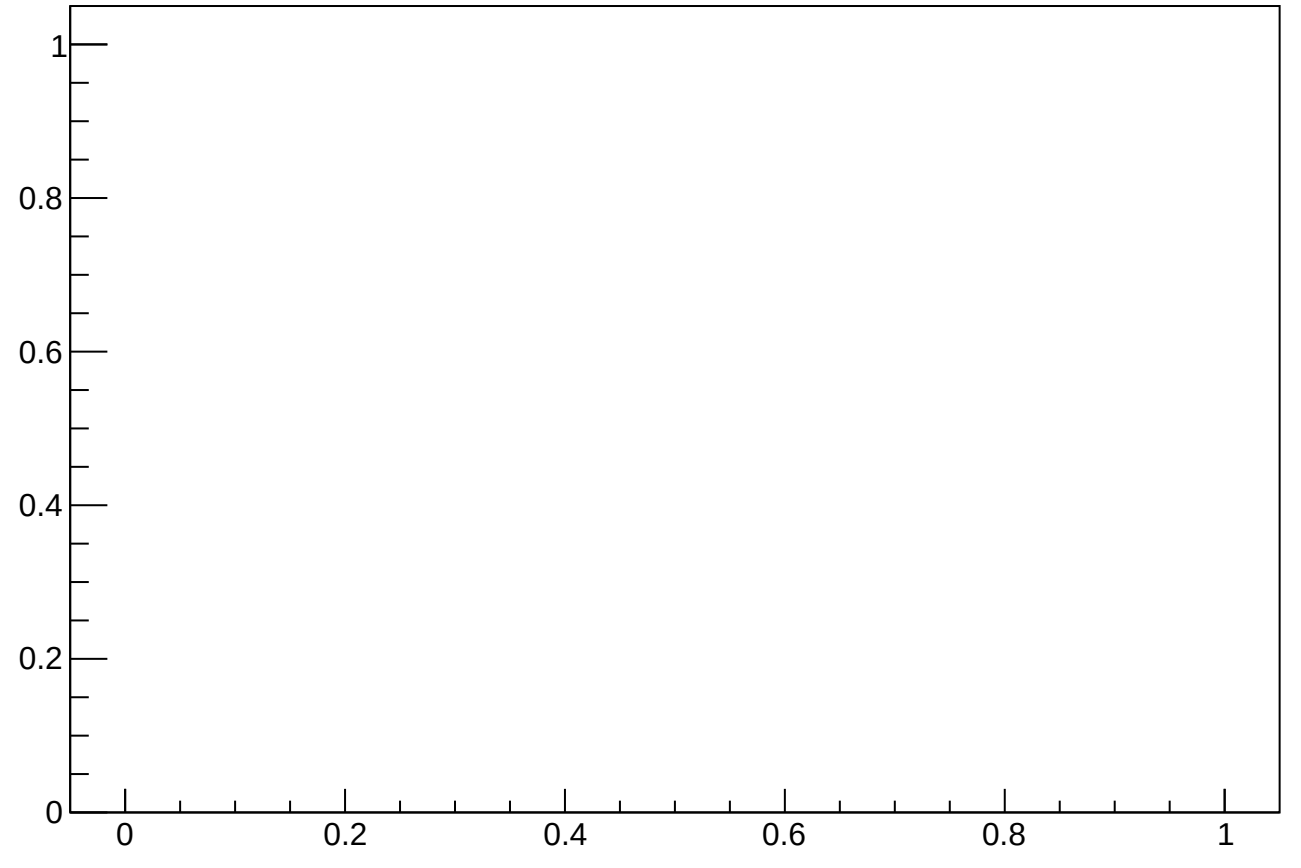

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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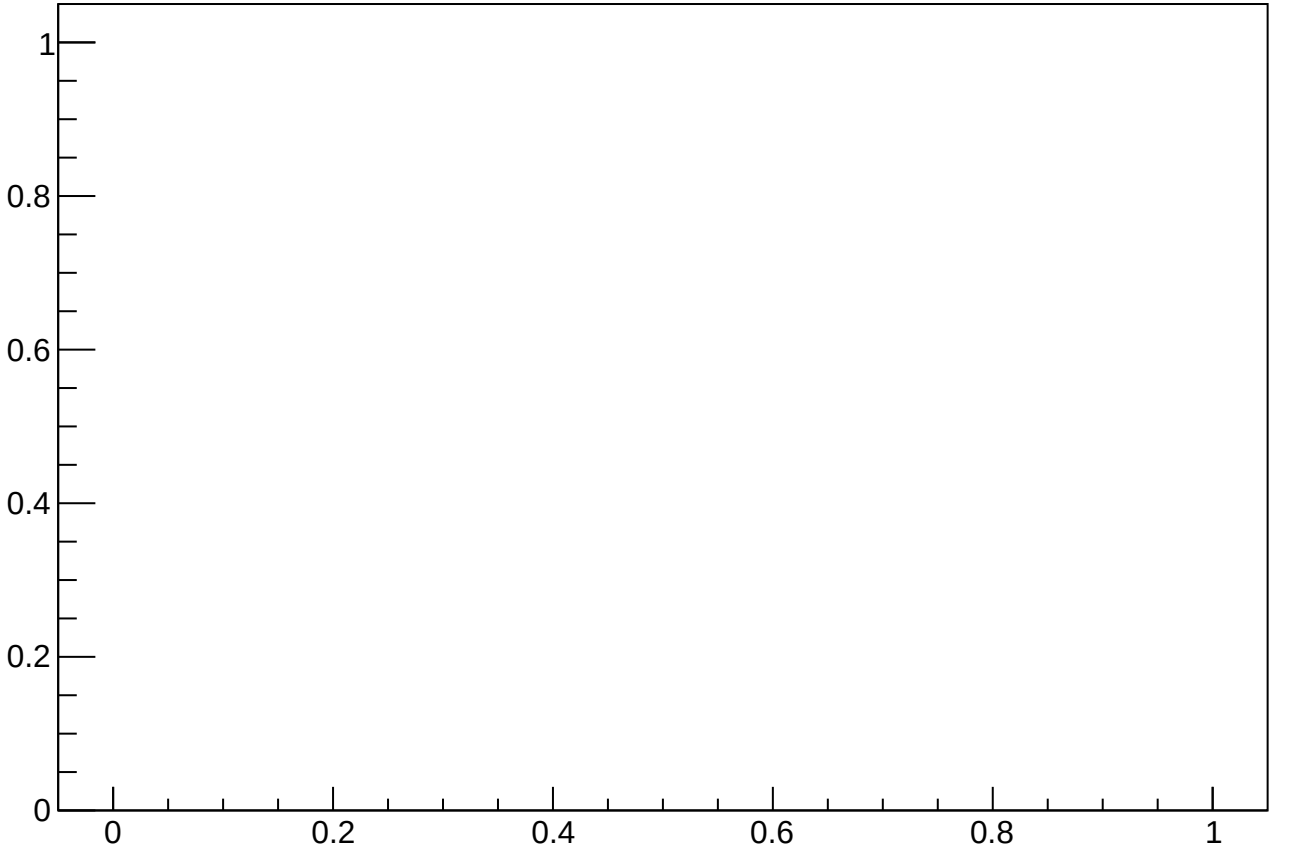
dit_4aX_coil3_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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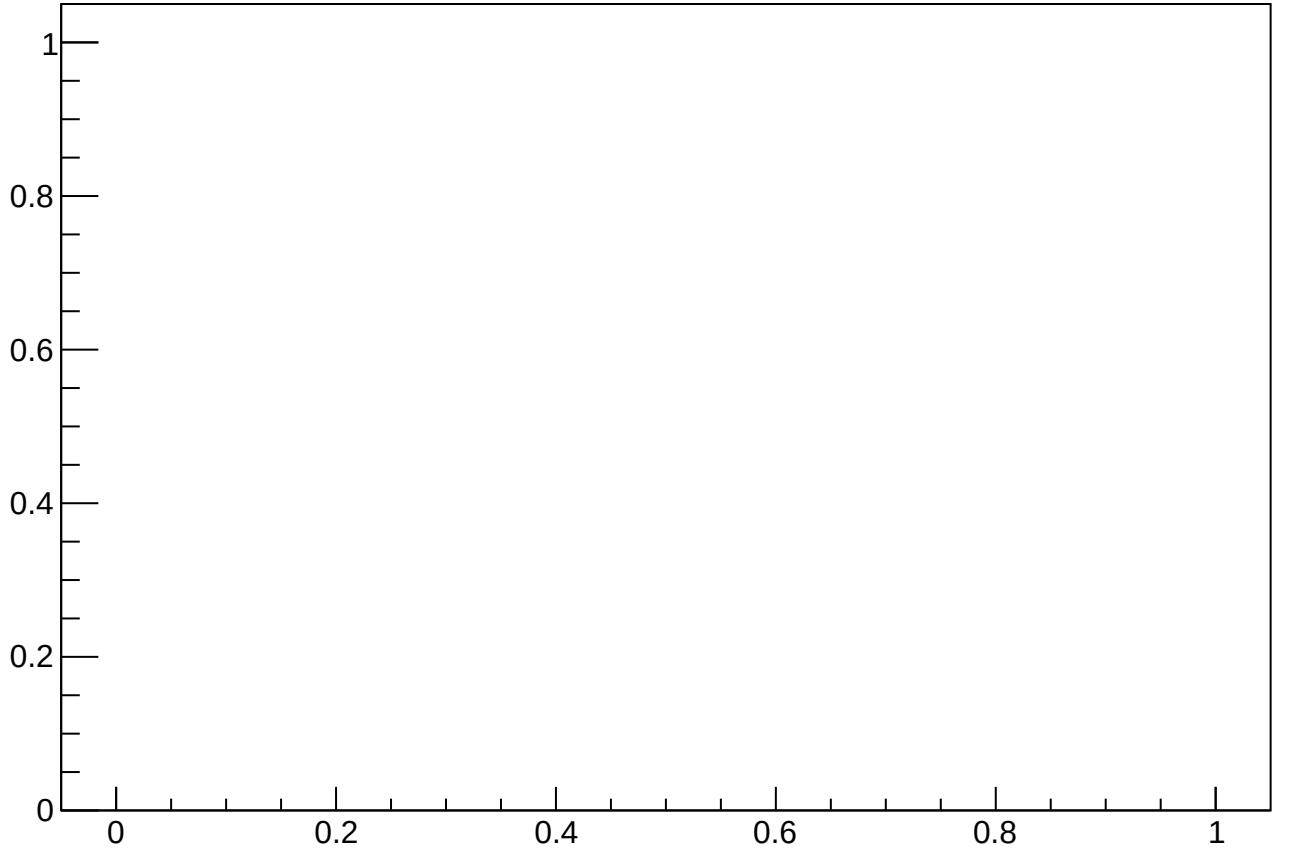
dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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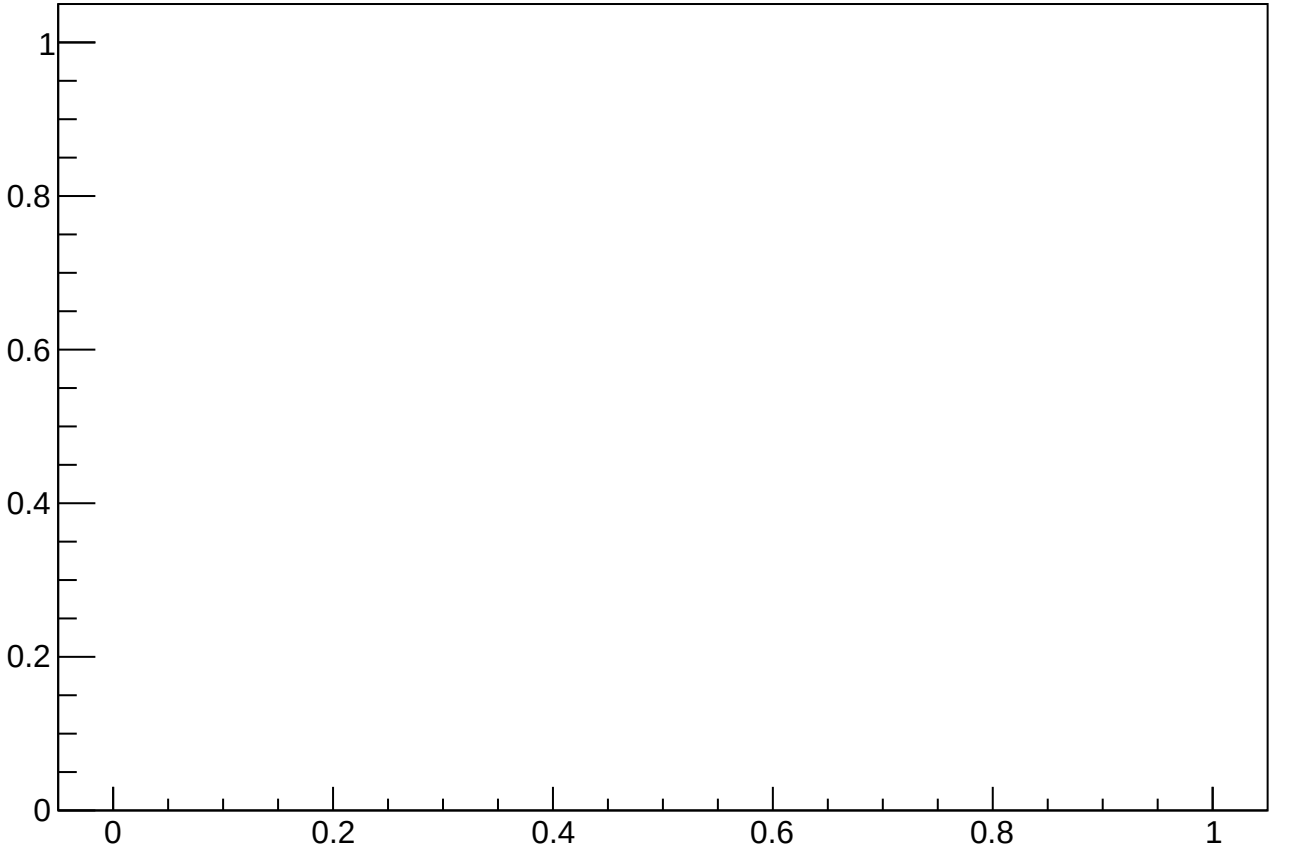
dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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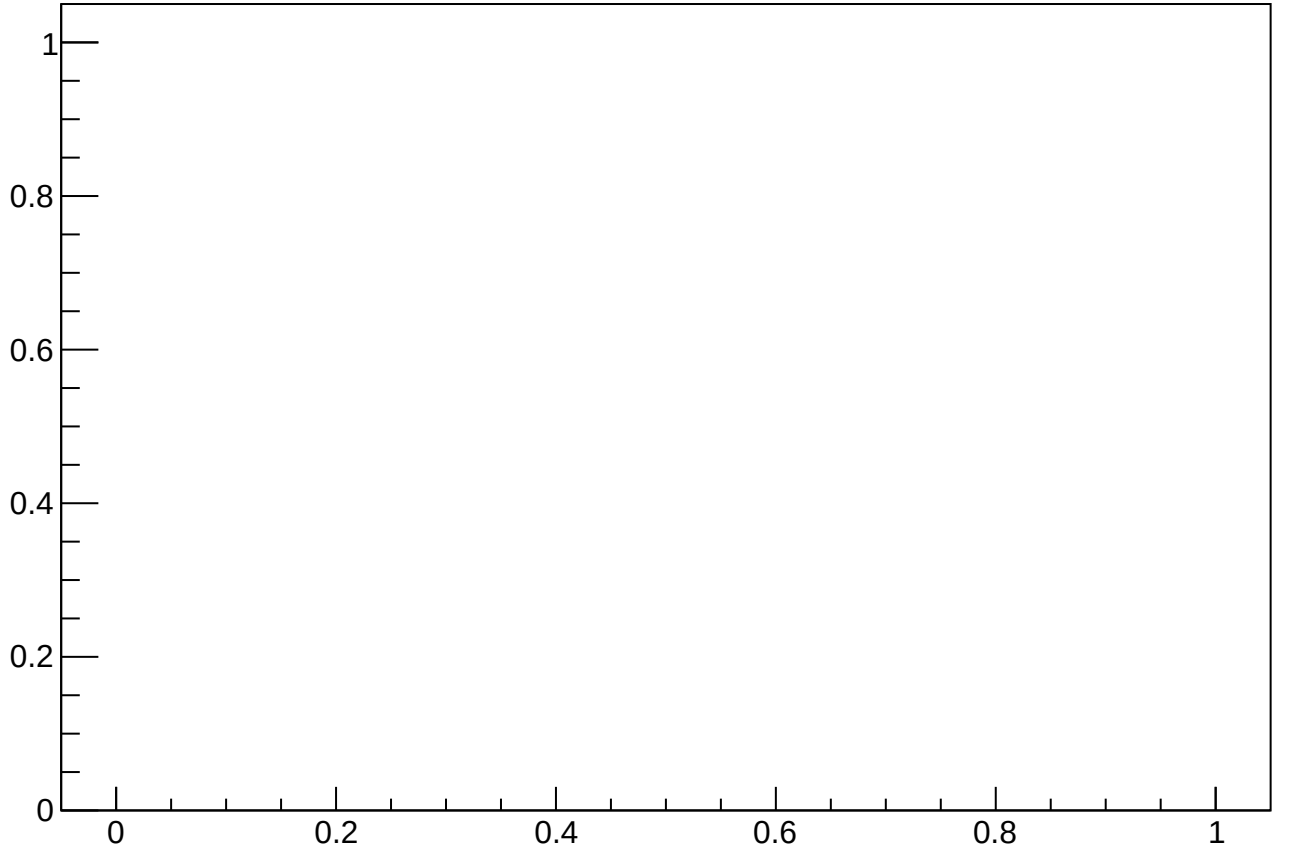
dit_4eX_coil3_mean vs Slug, Sign Corrected



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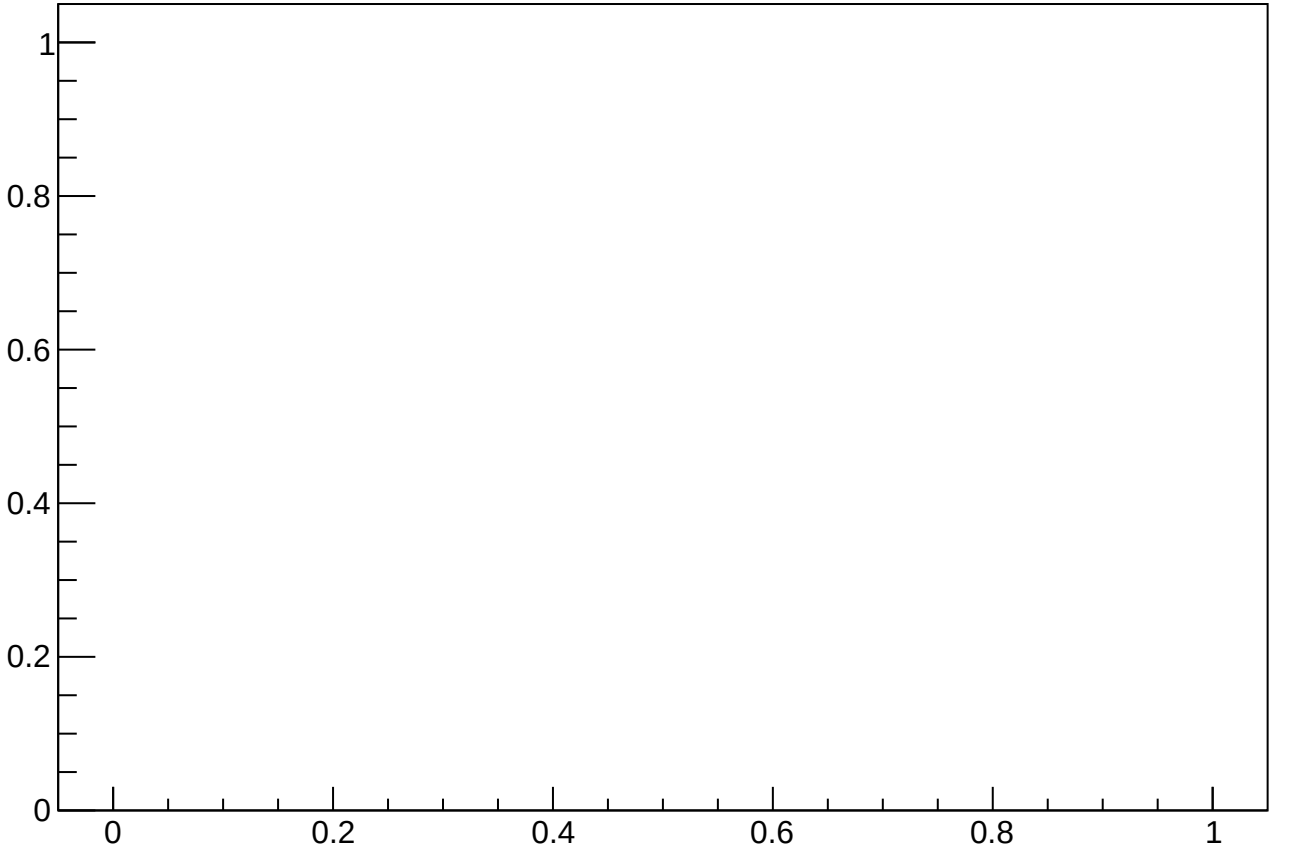
dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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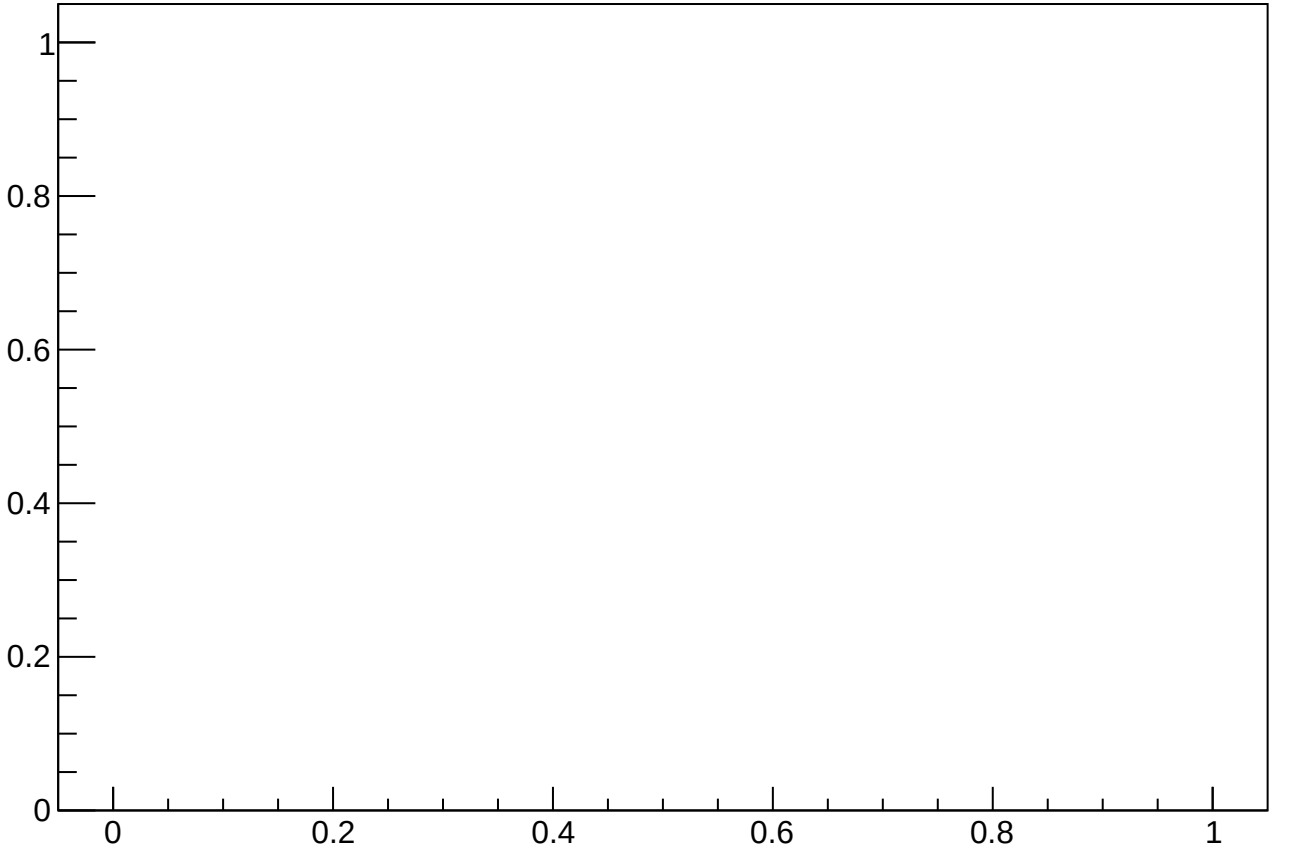
dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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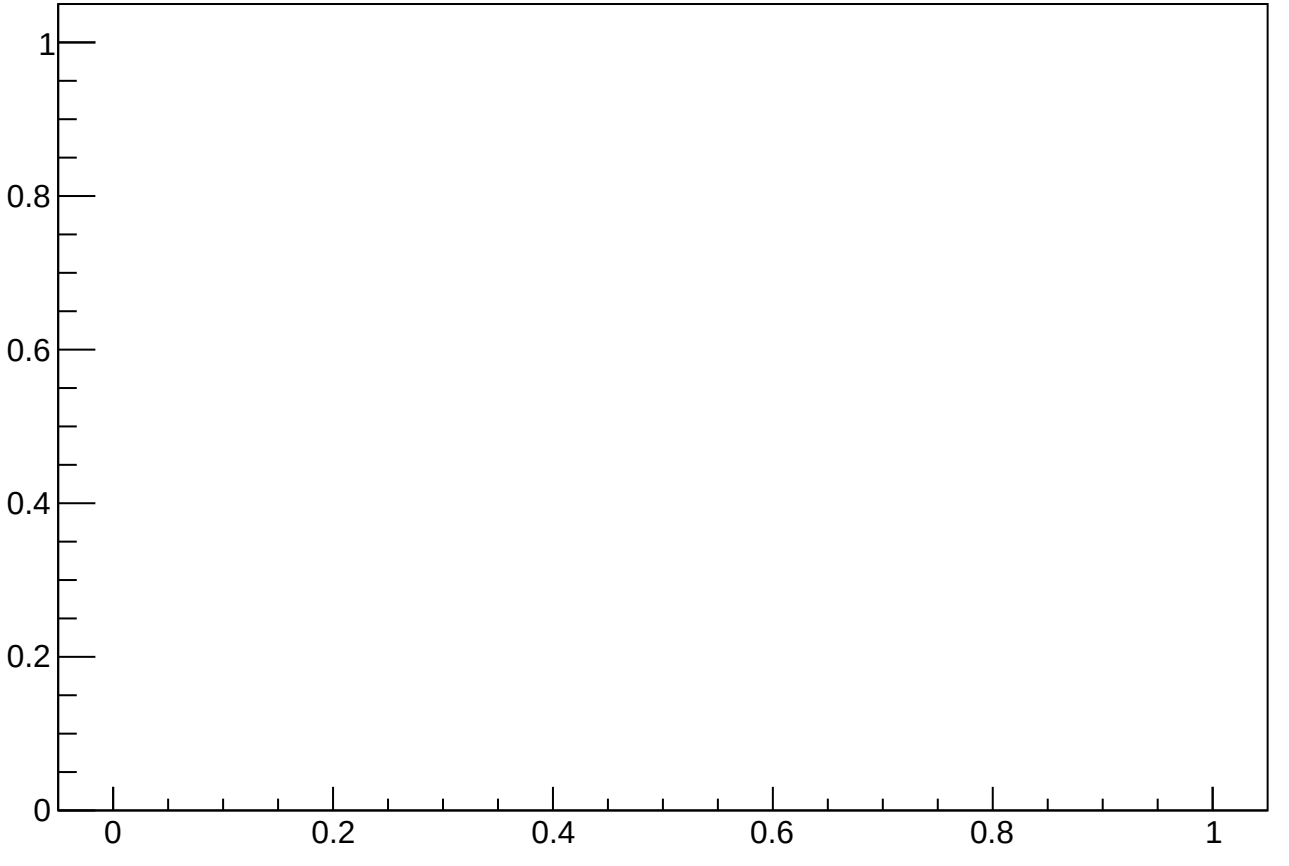
dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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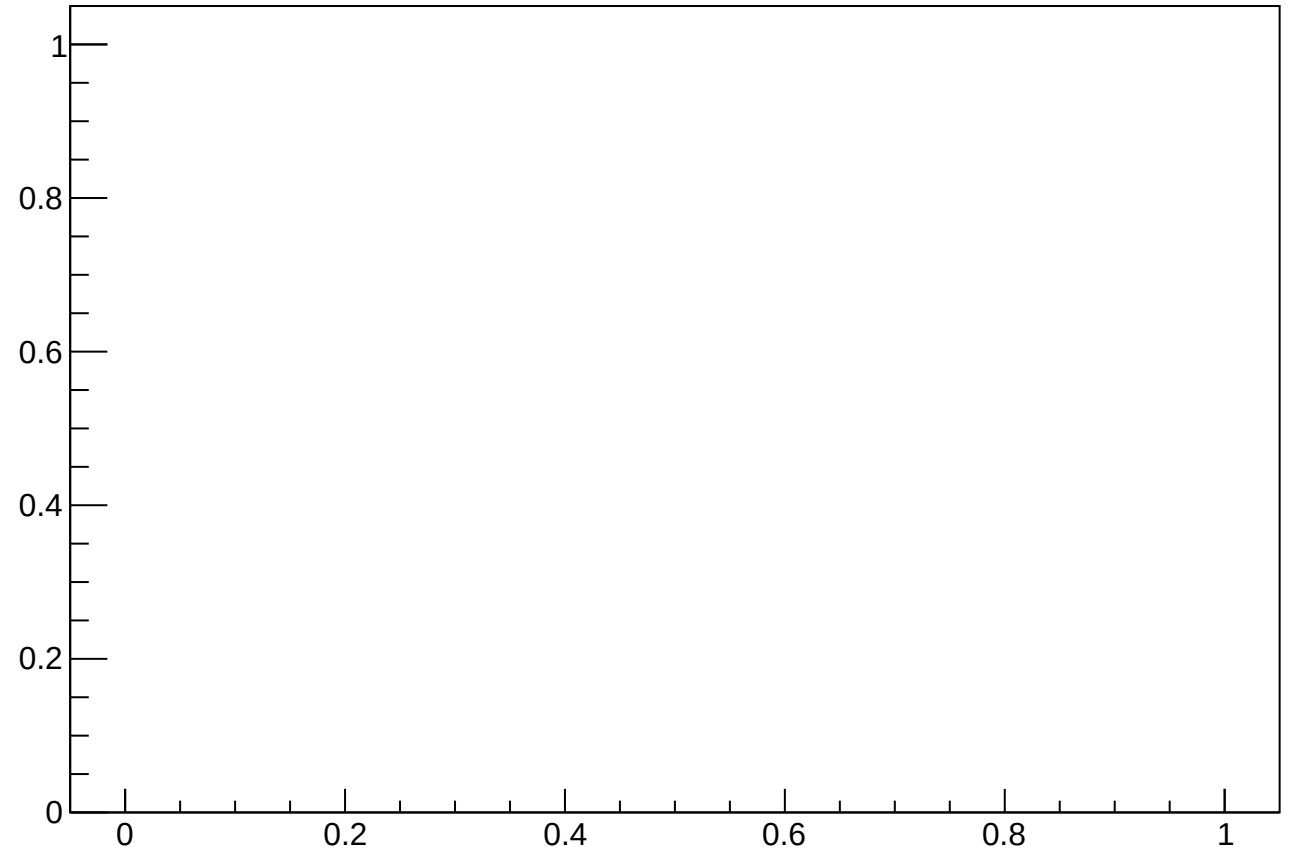
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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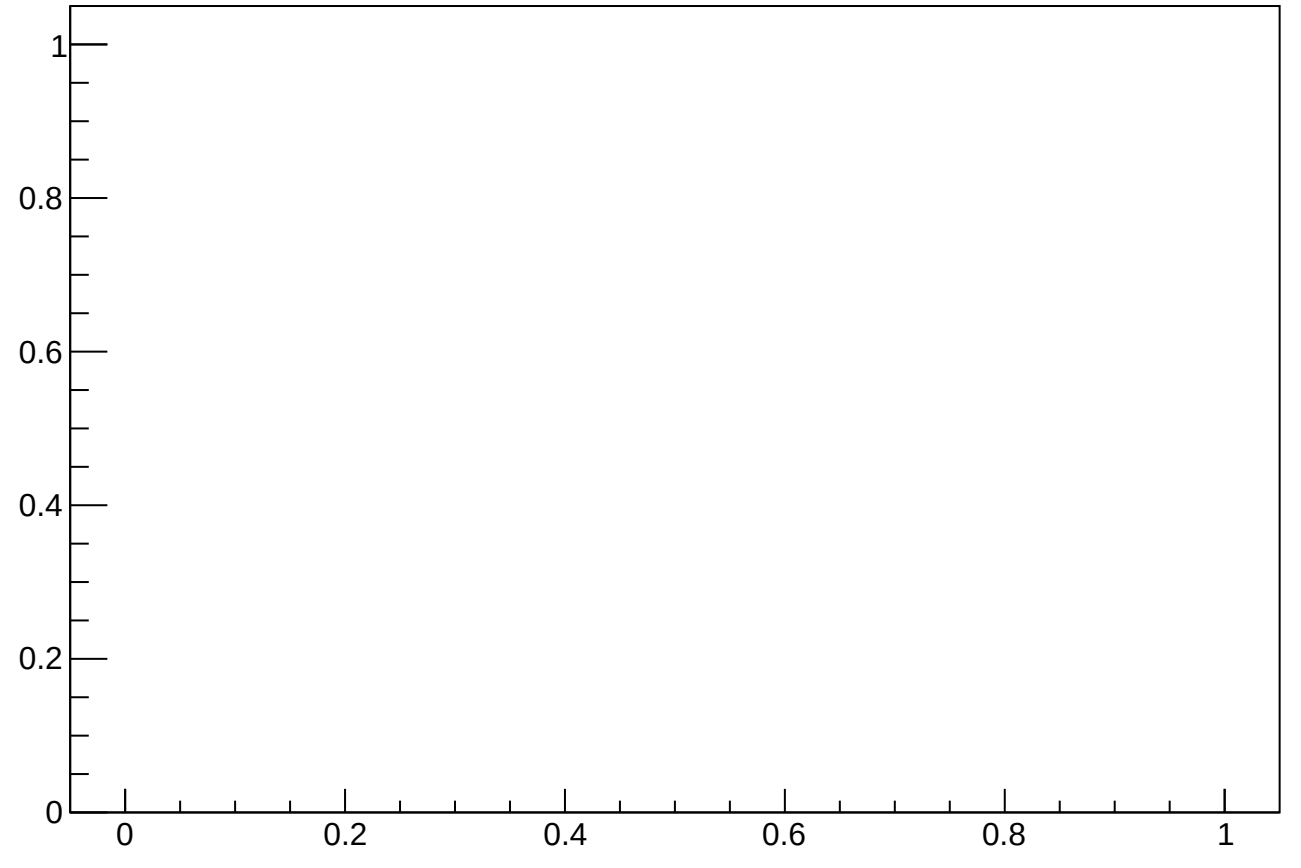

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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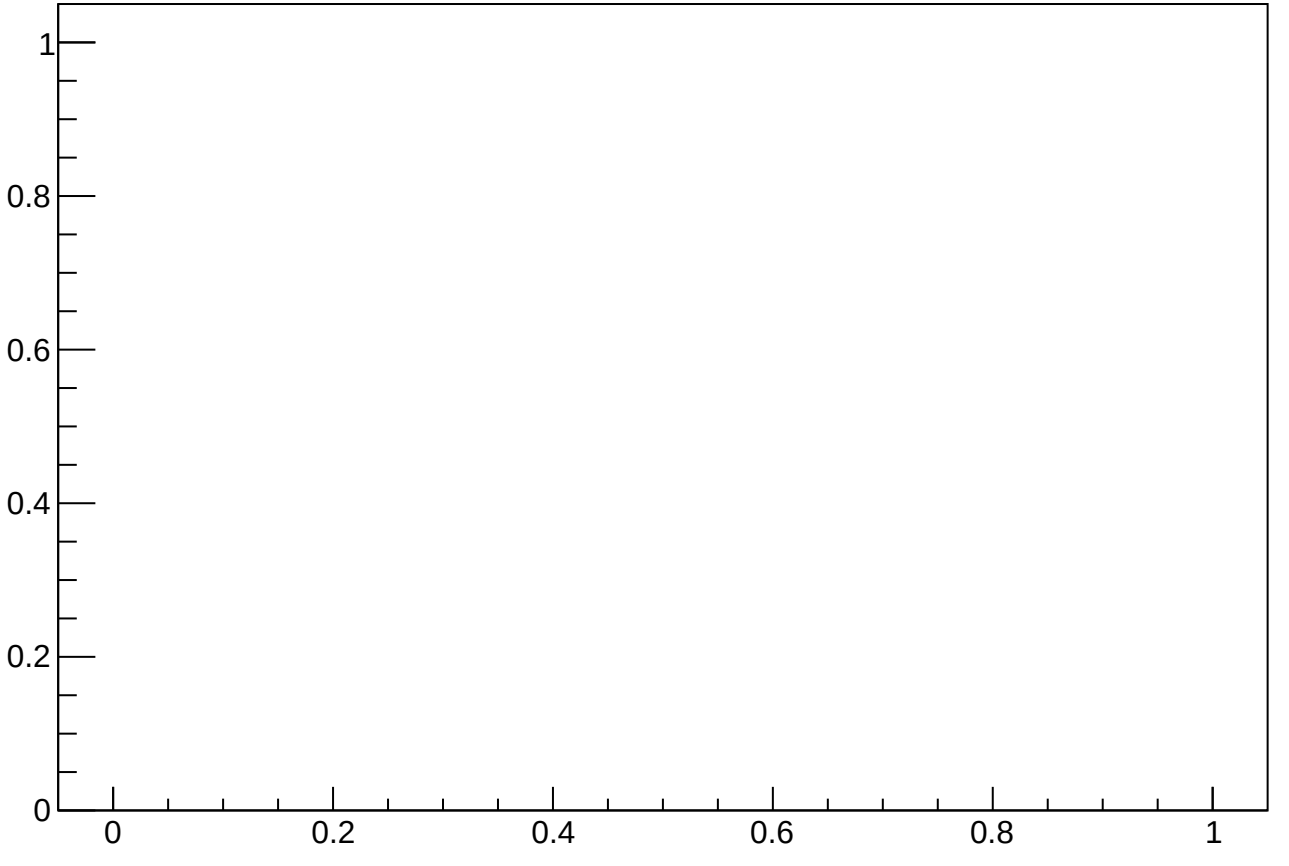
dit_4aY_coil3_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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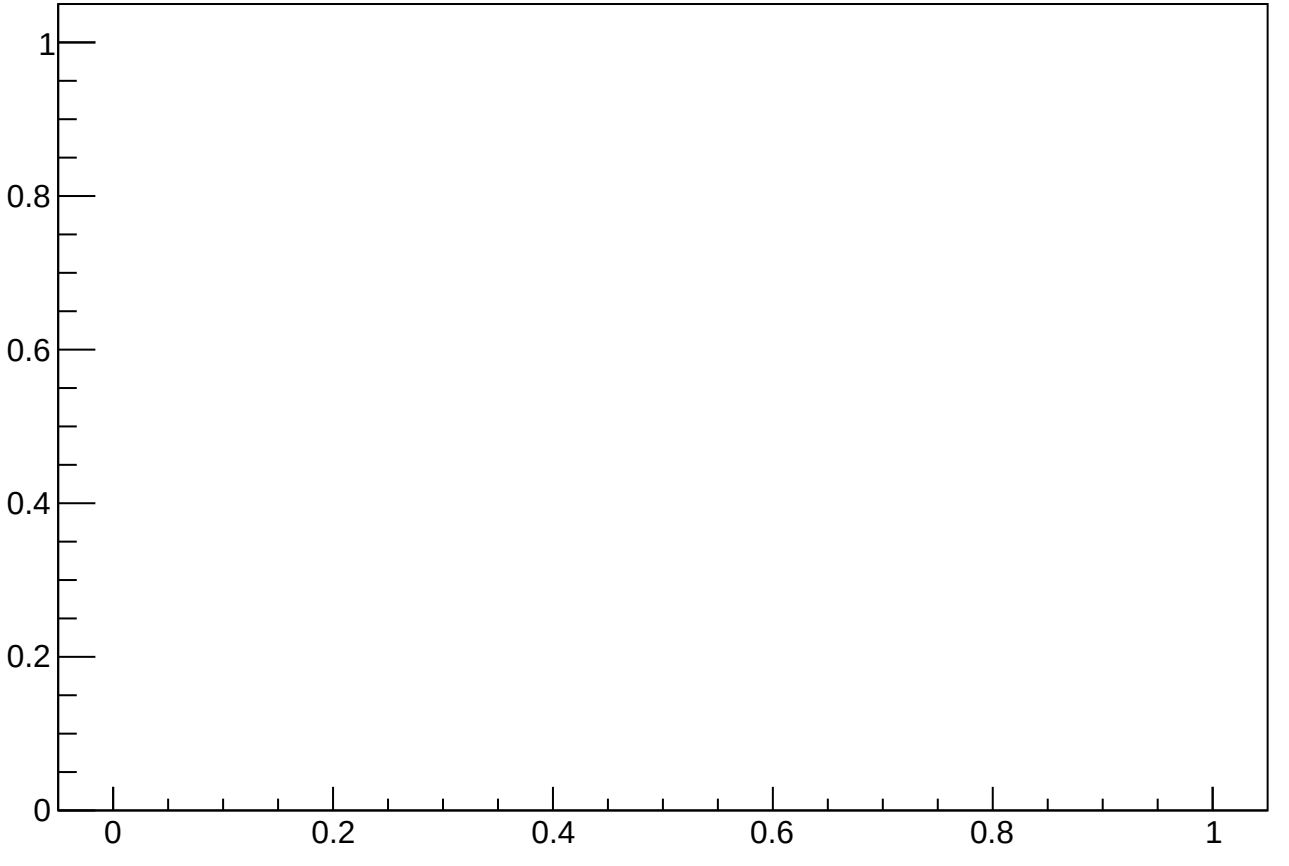
dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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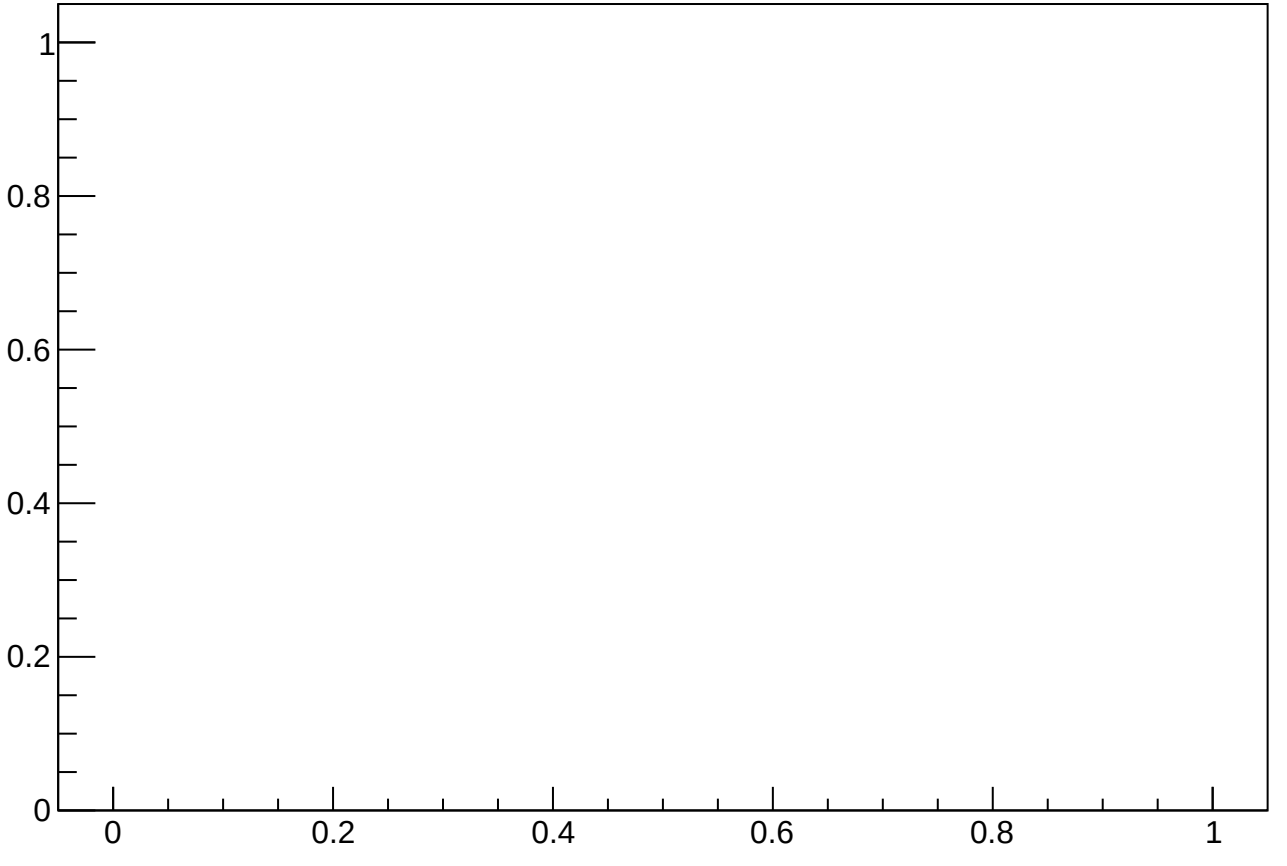
dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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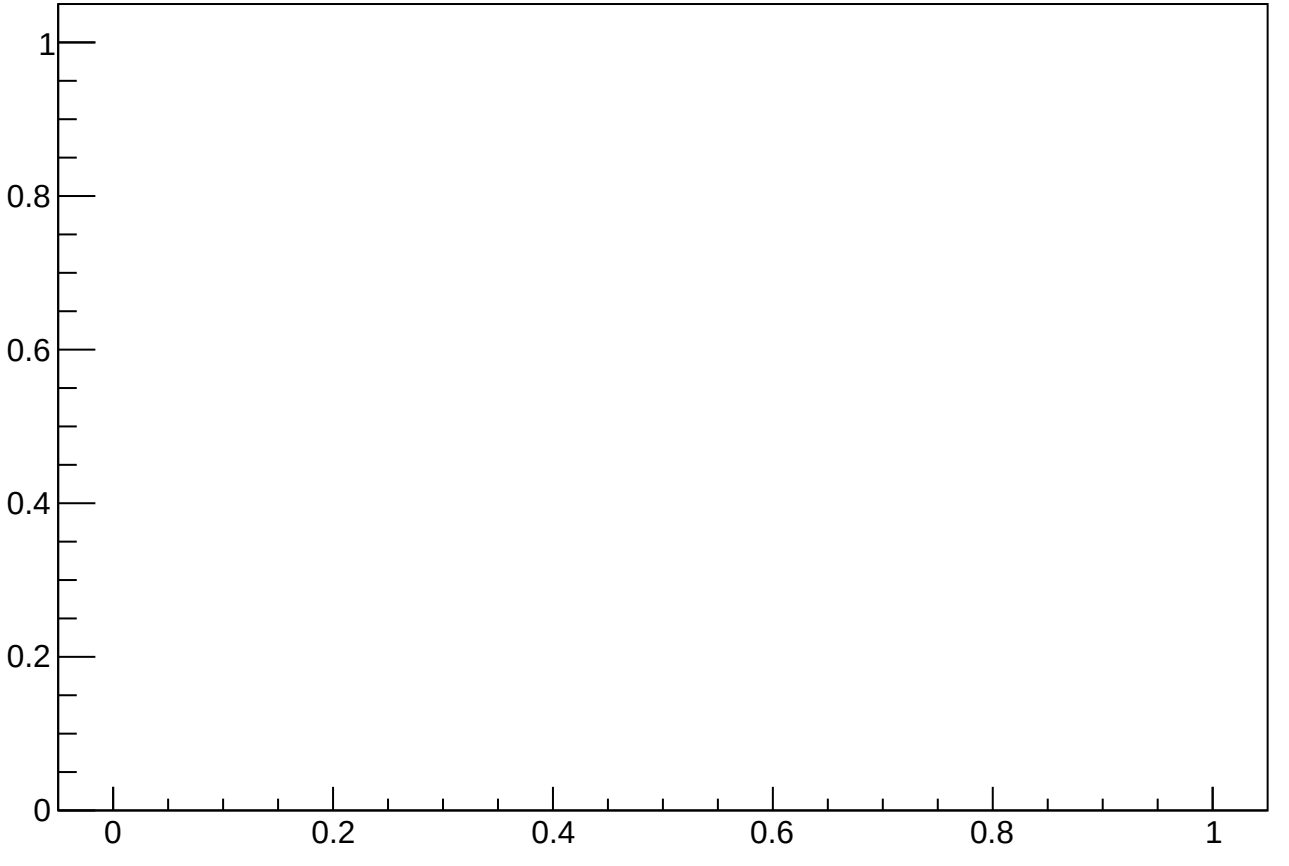
dit_4eY_coil3_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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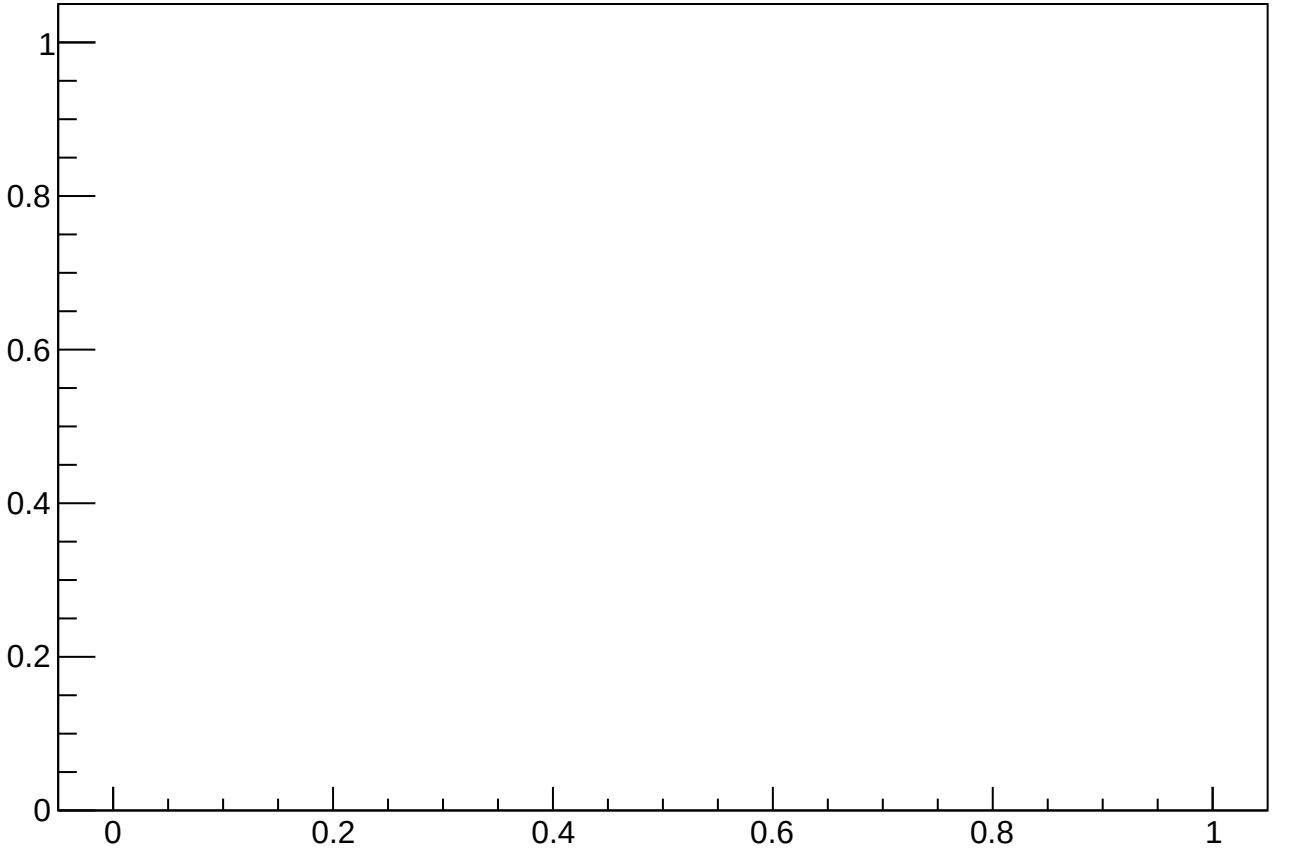
dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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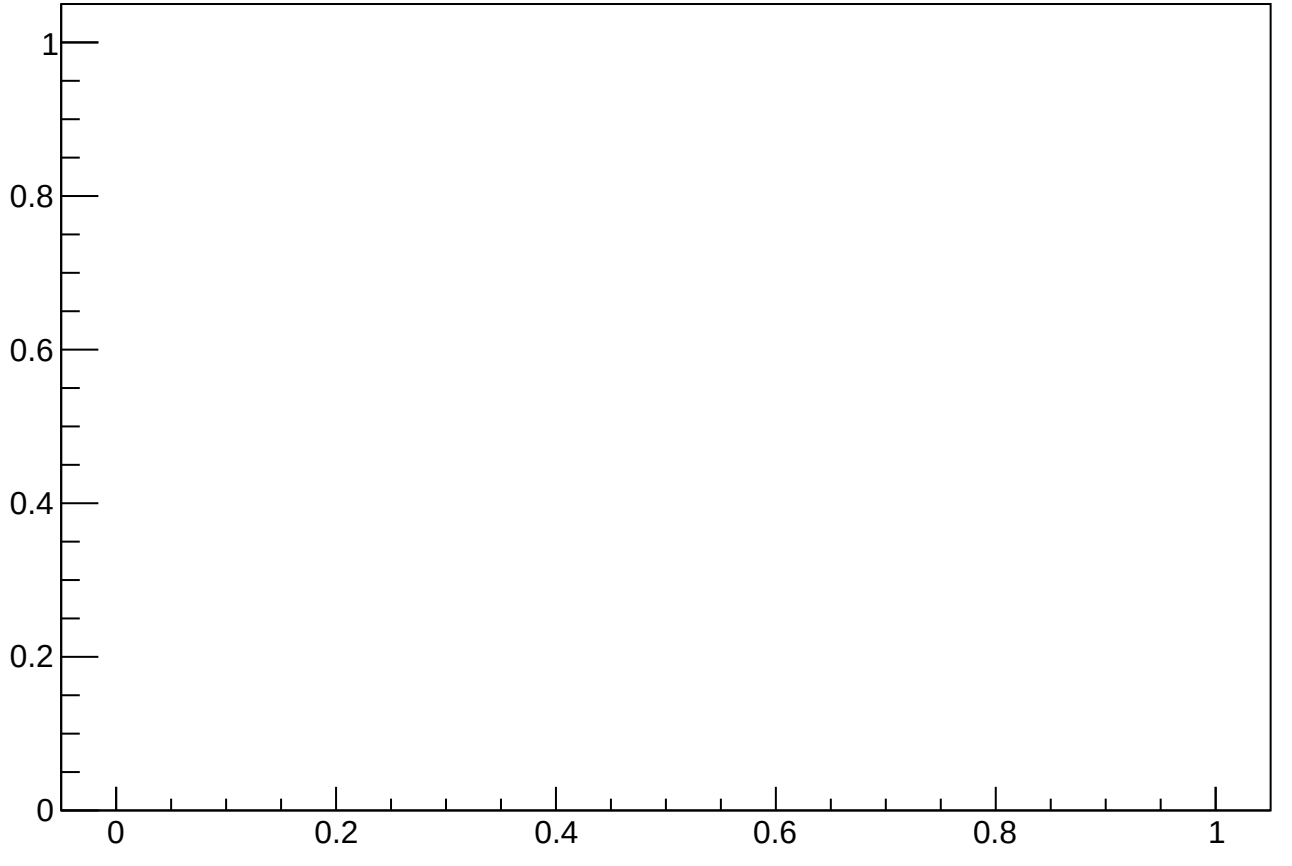
dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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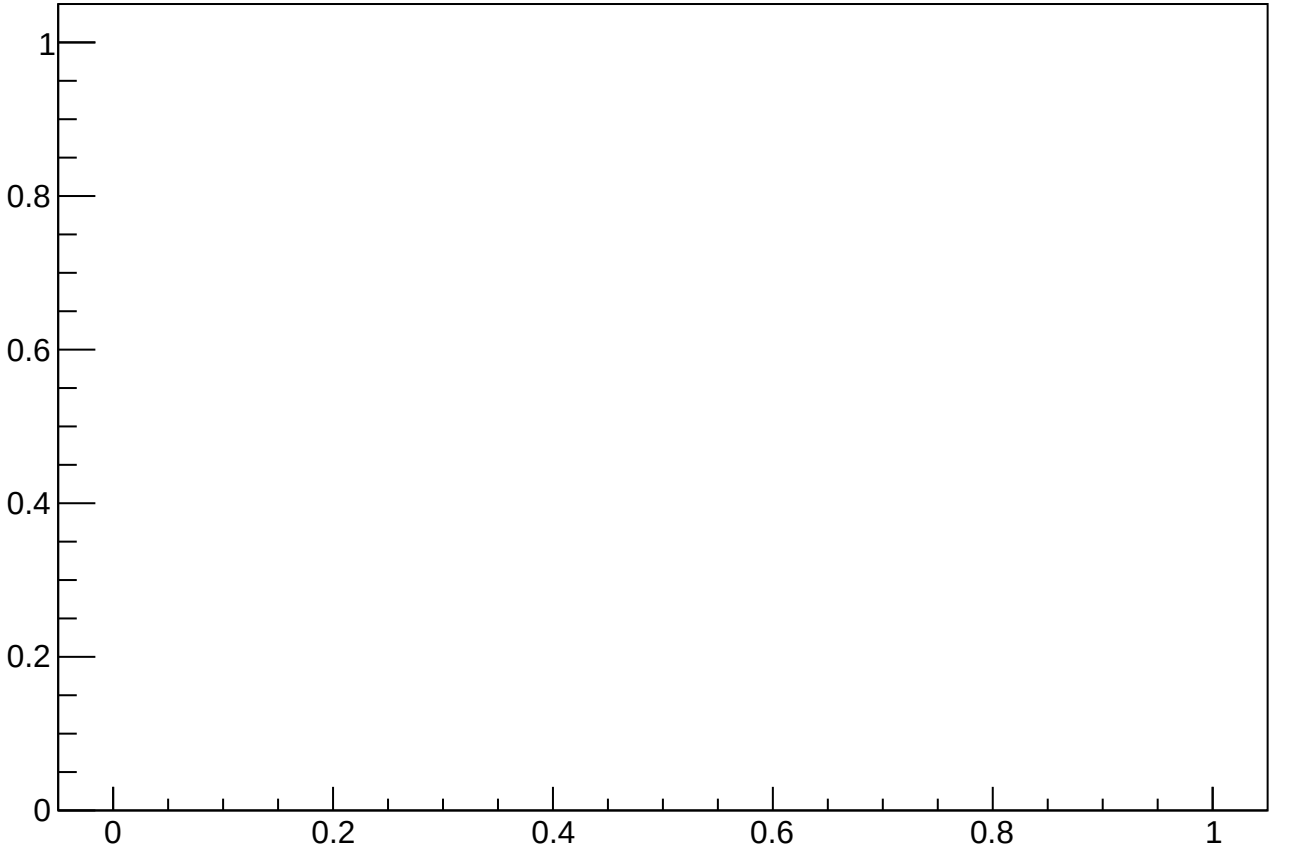
dit_usl_coil3_mean vs Slug, Sign Corrected



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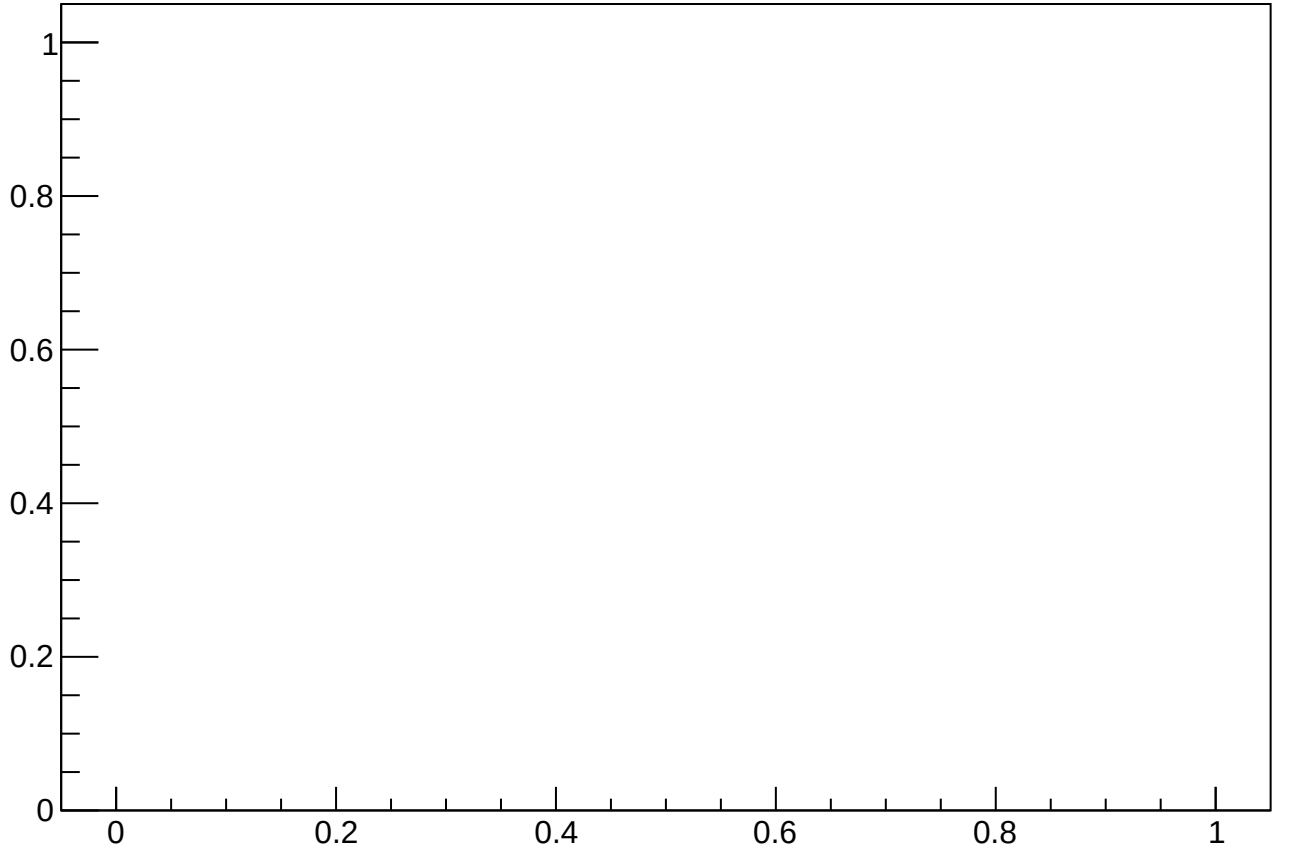
dit_usl_coil3_err_mean vs Slug, Sign Corrected



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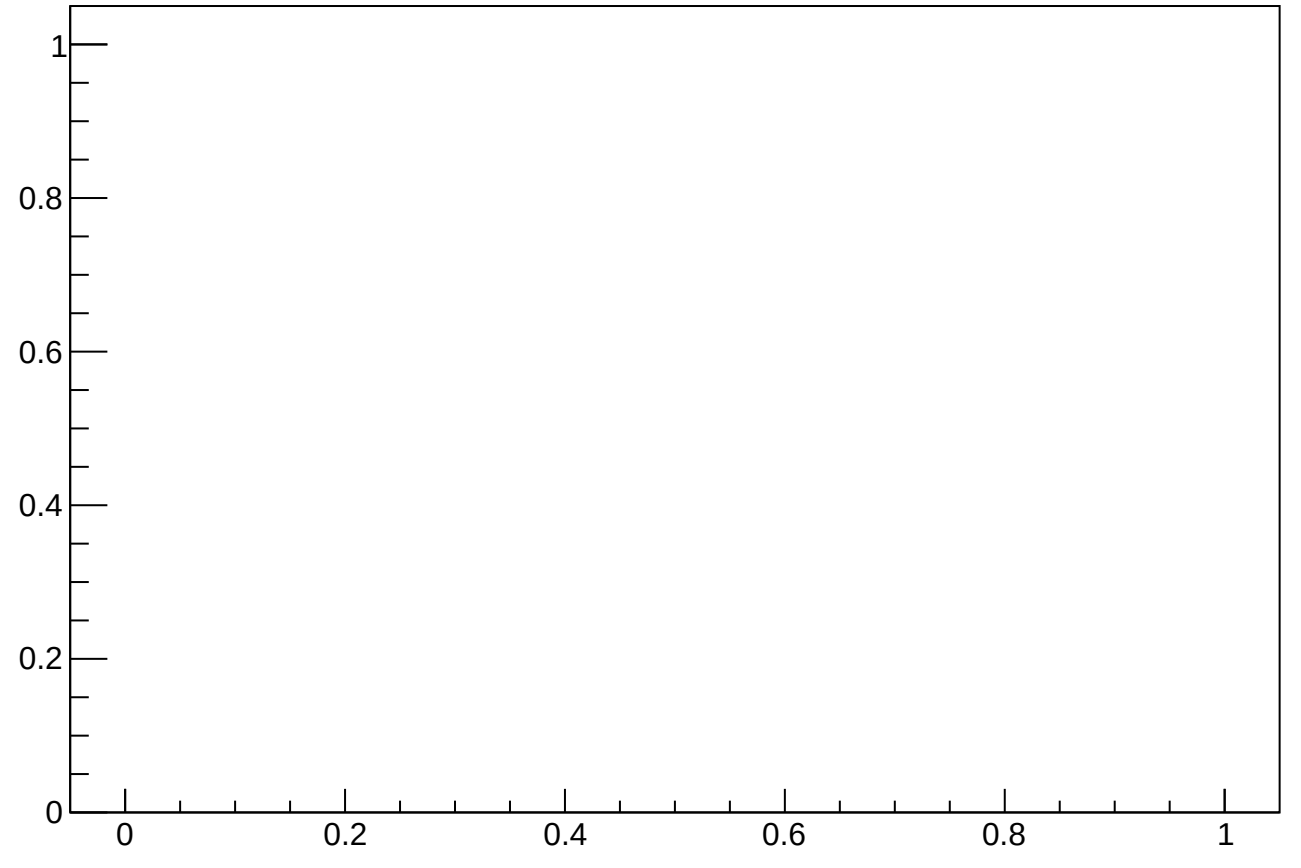

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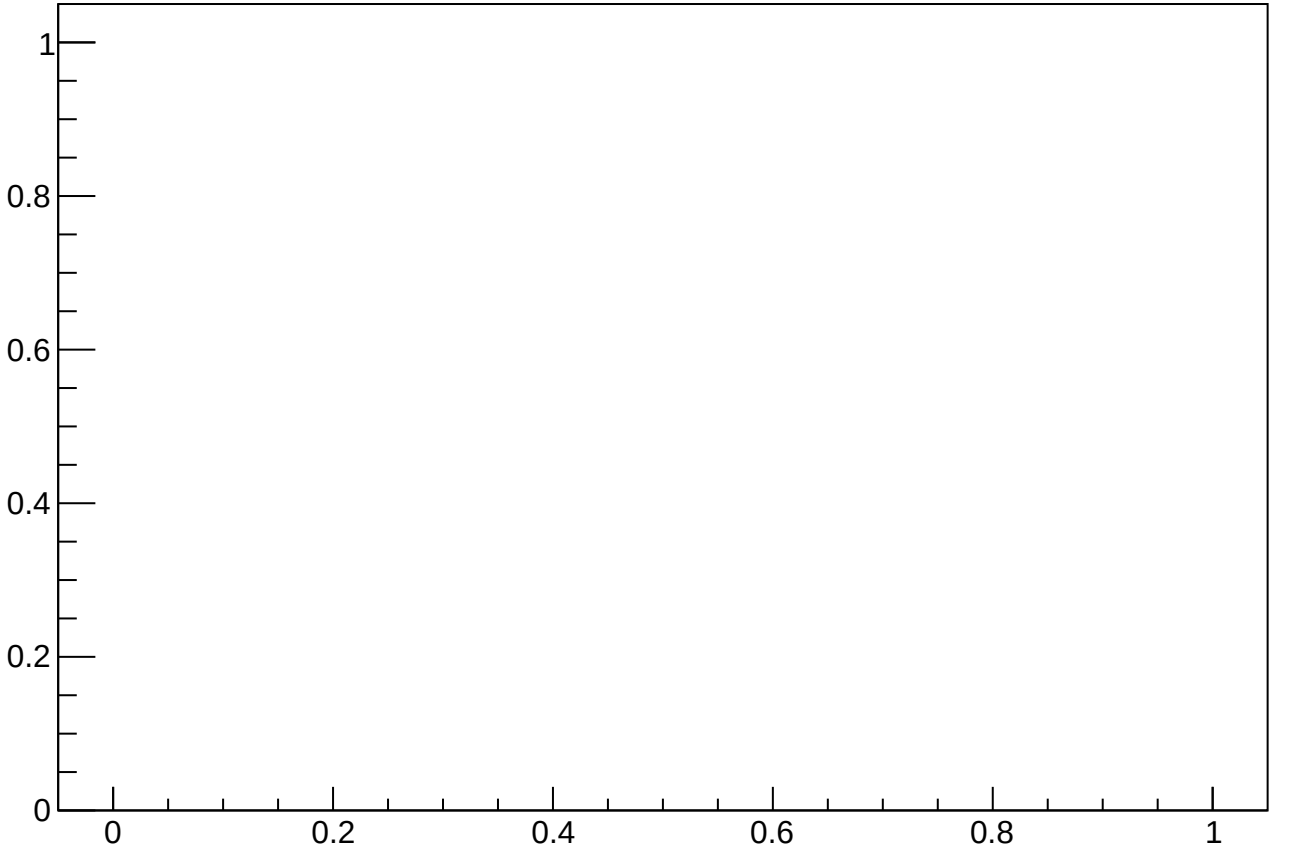
dit_usr_coil3_mean vs Slug, Sign Corrected



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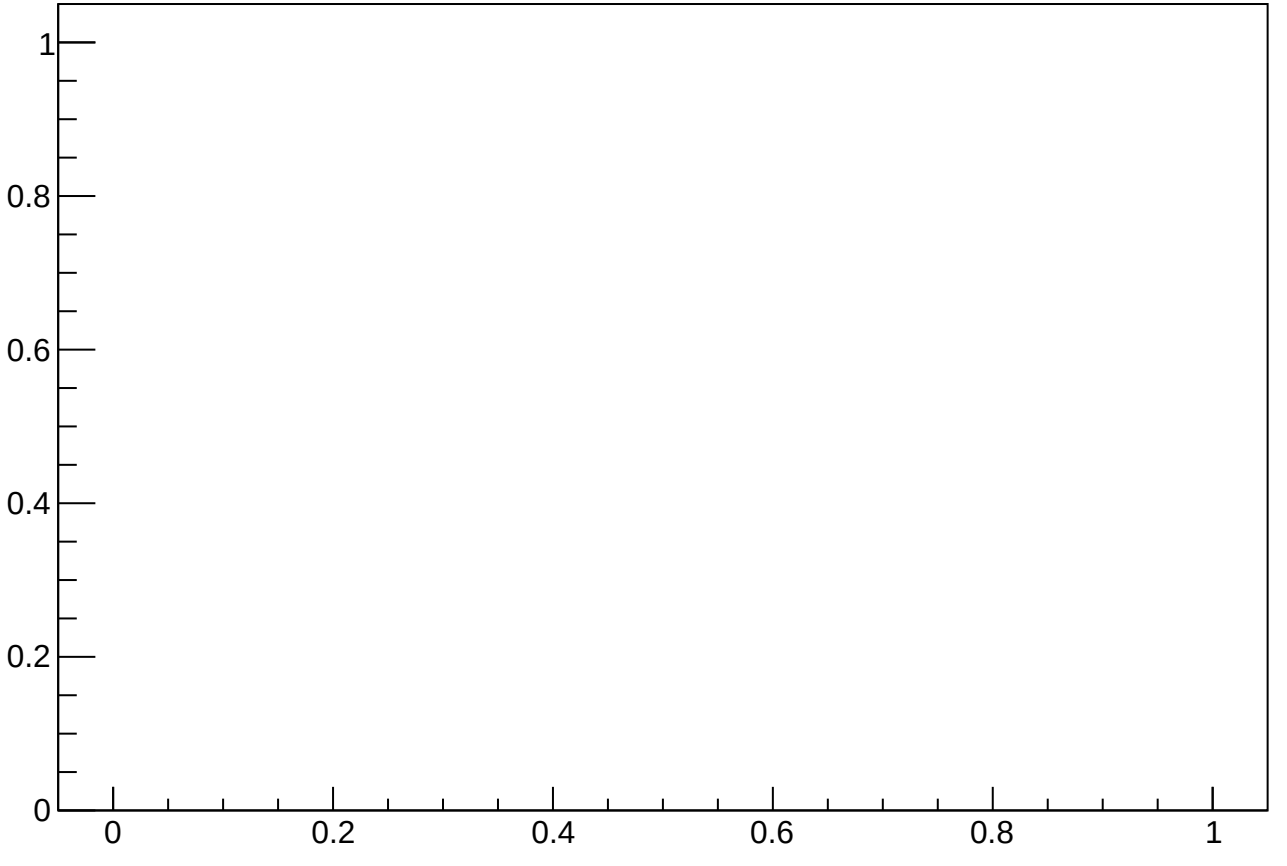
dit_usr_coil3_err_mean vs Slug, Sign Corrected



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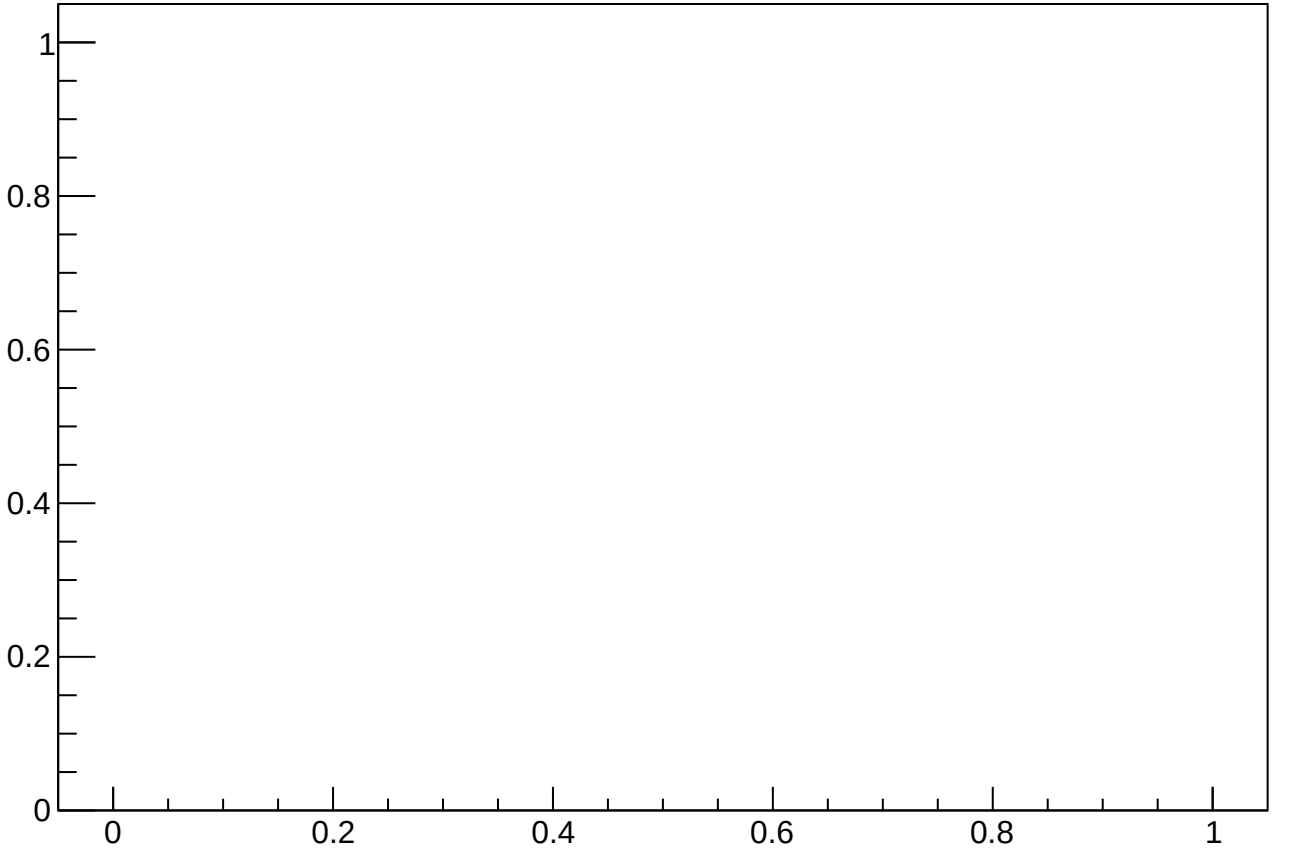
dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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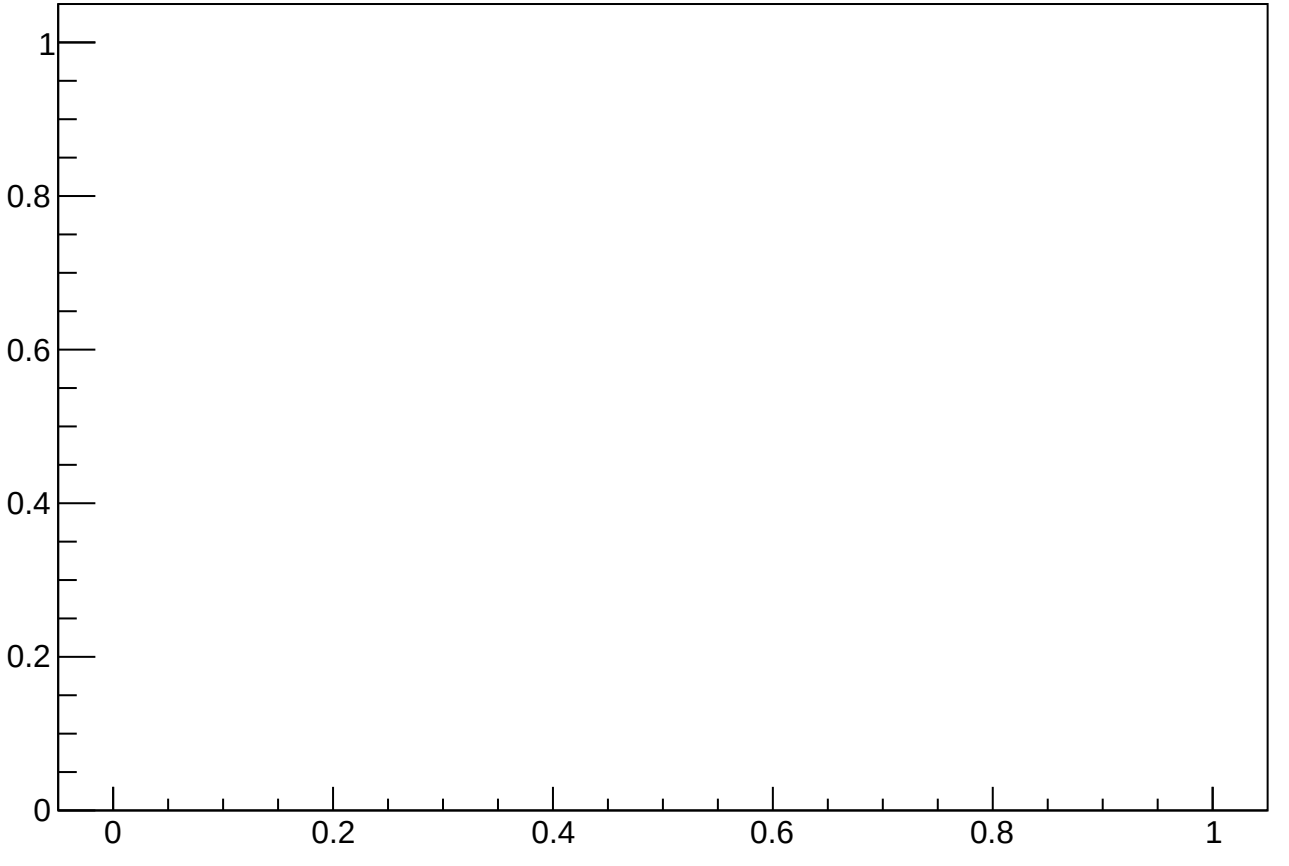
dit_atl1_coil3_mean vs Slug, Sign Corrected



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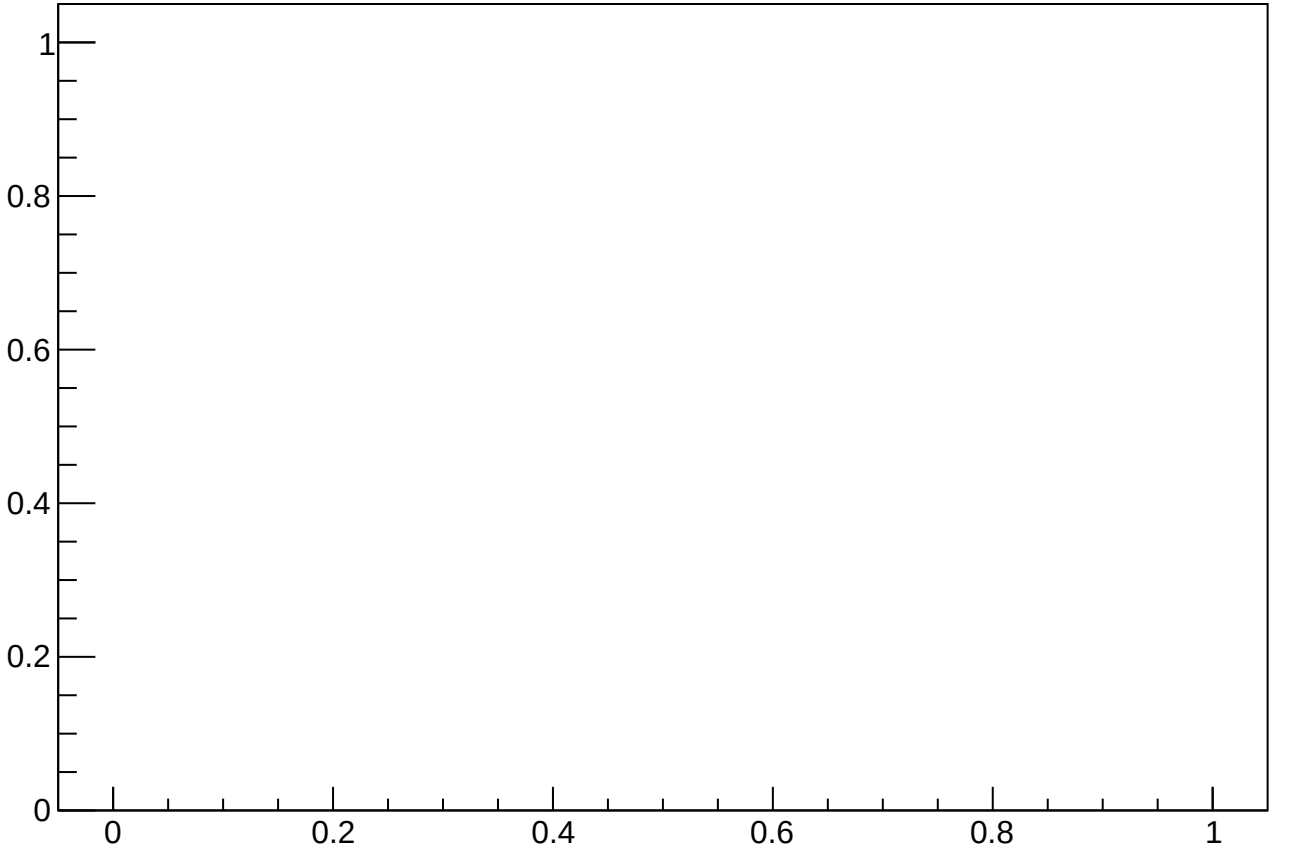
dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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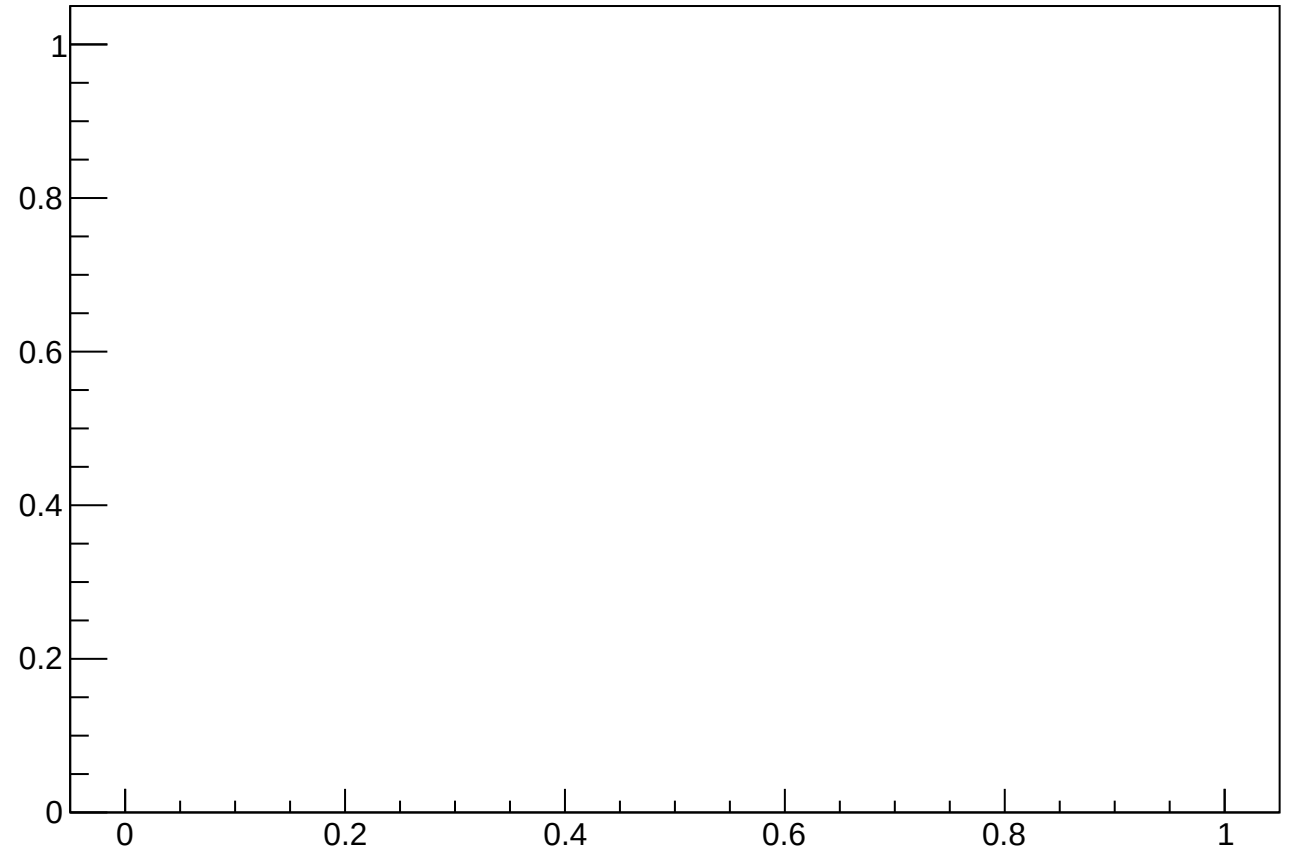

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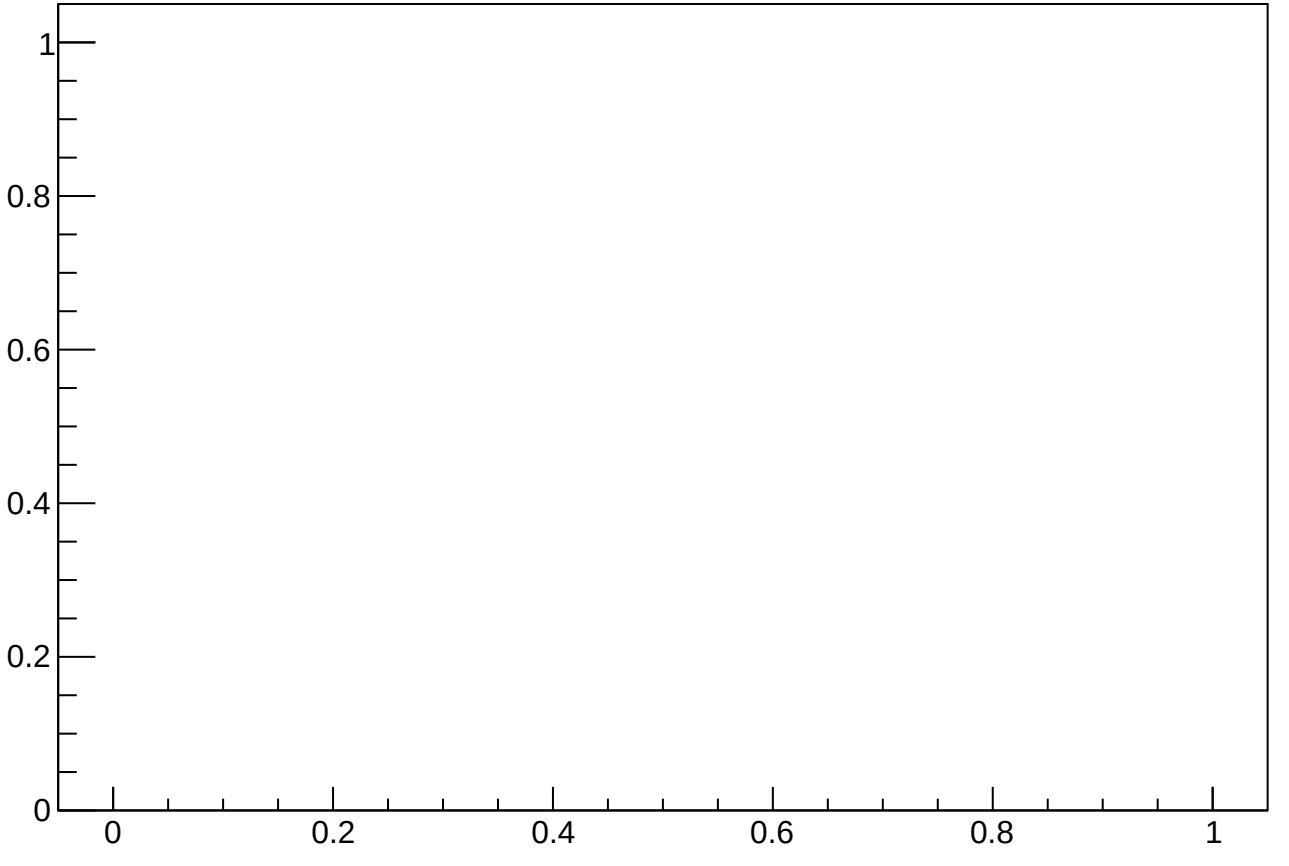
dit_atl2_coil3_mean vs Slug, Sign Corrected



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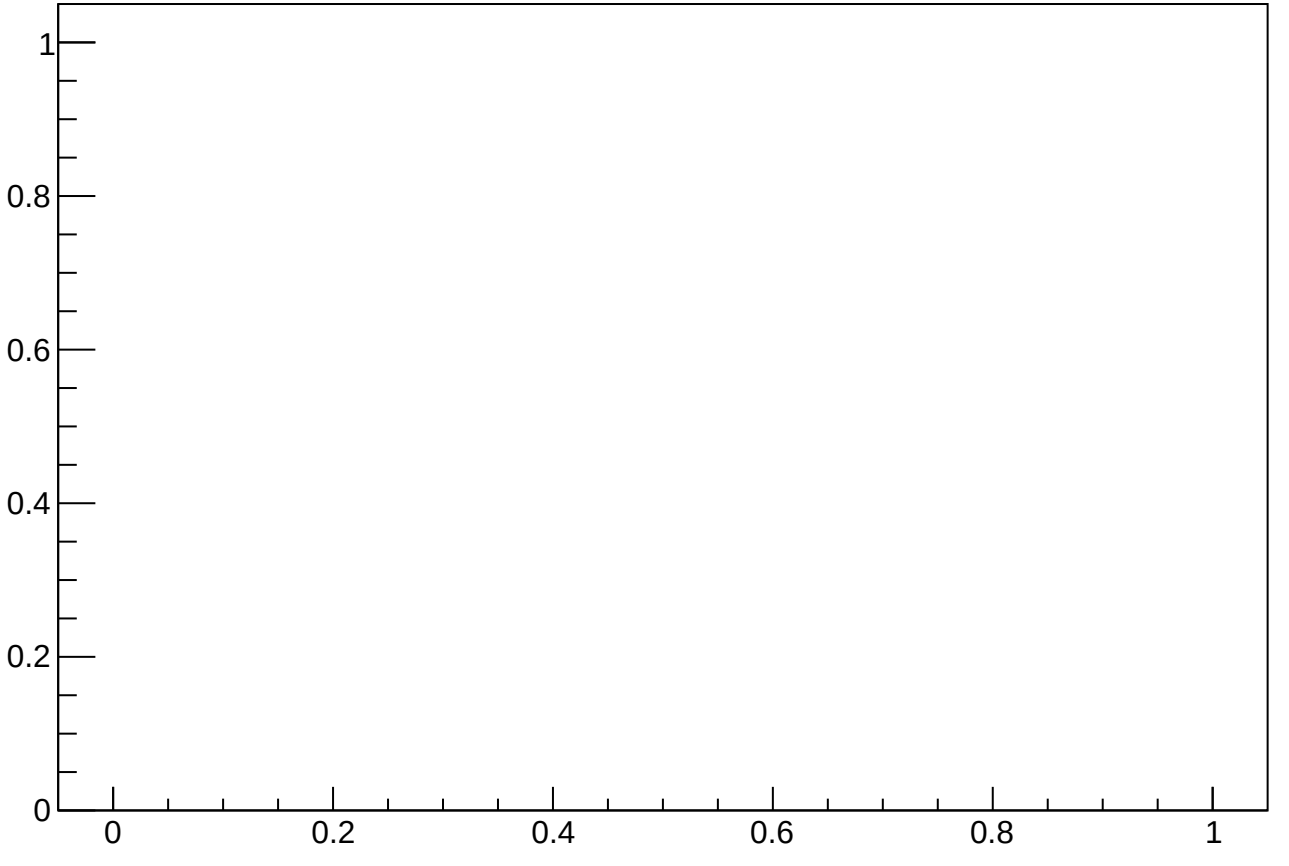
dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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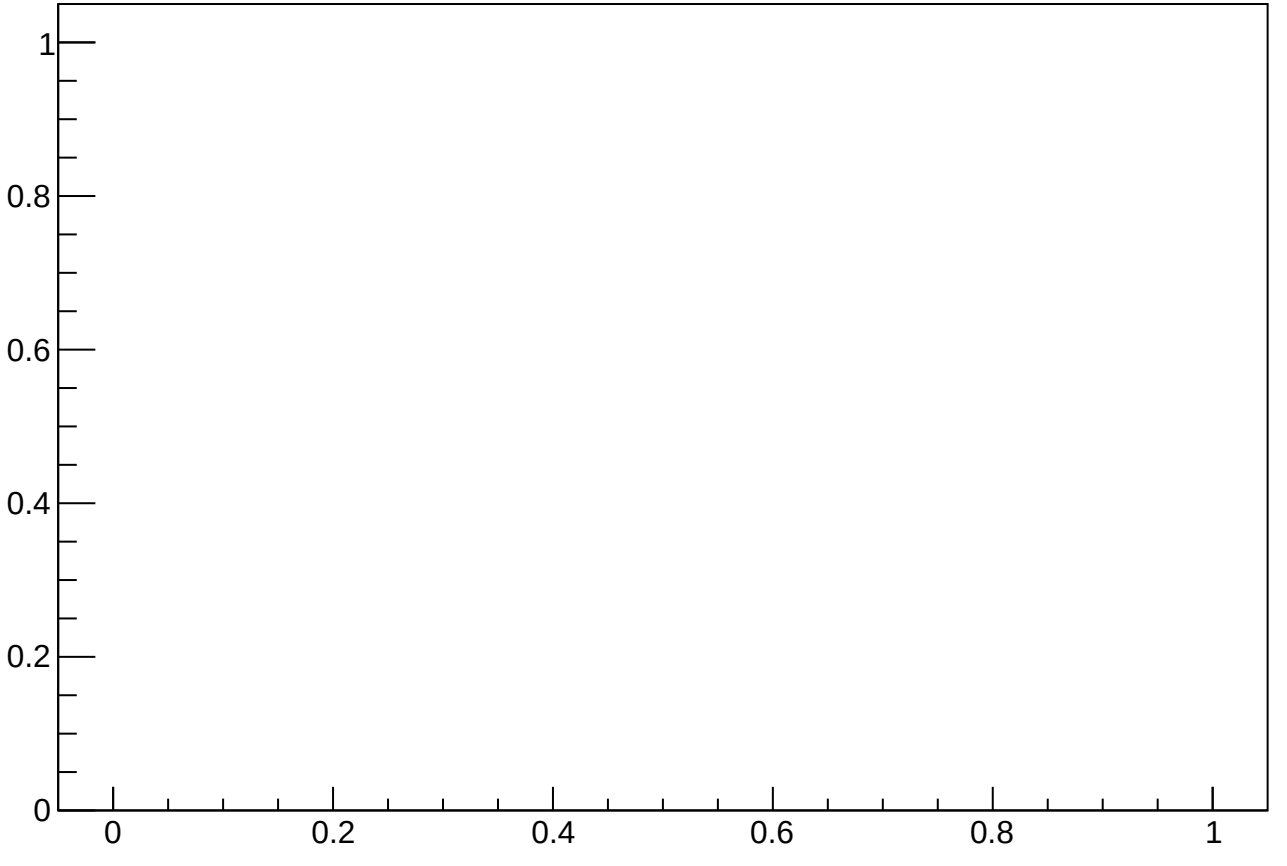
dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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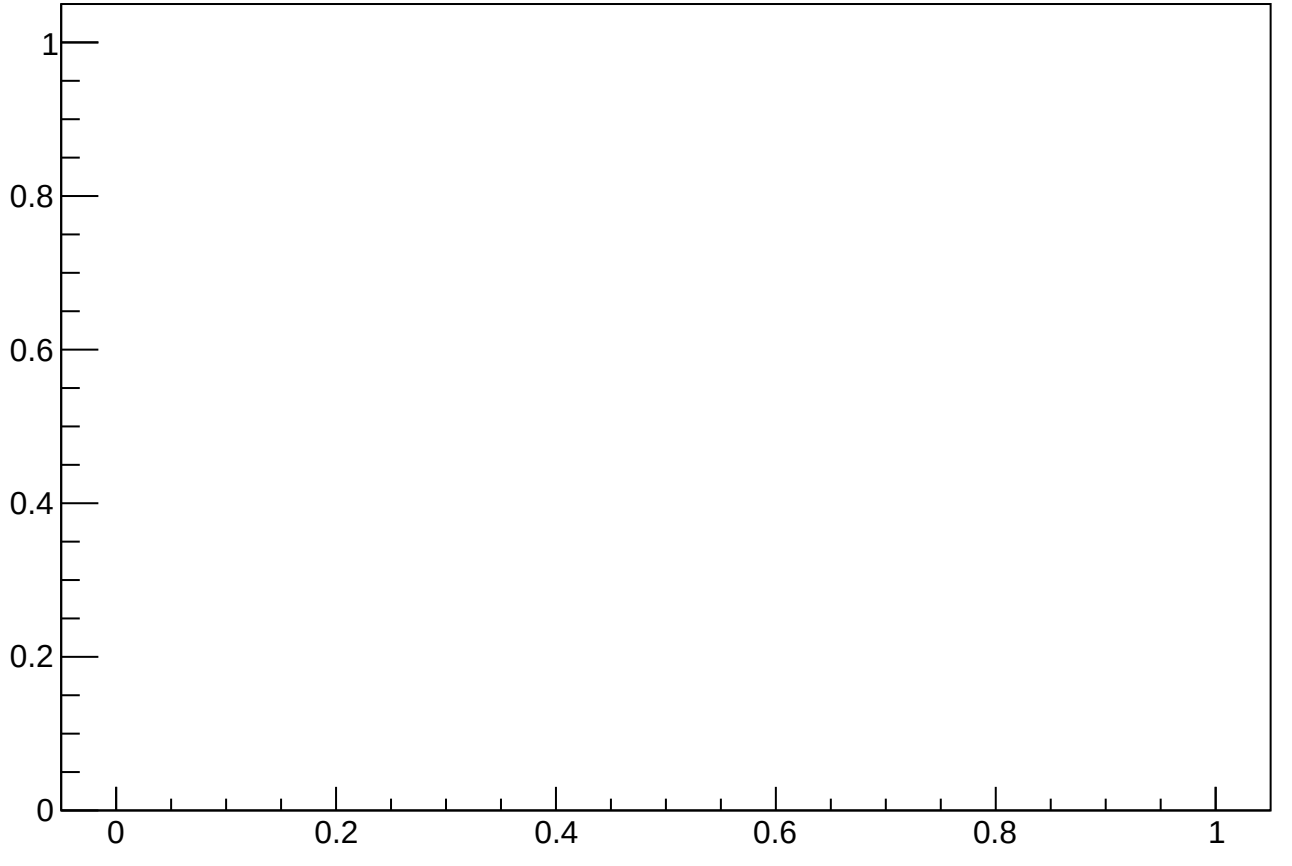
dit_atr1_coil3_mean vs Slug, Sign Corrected



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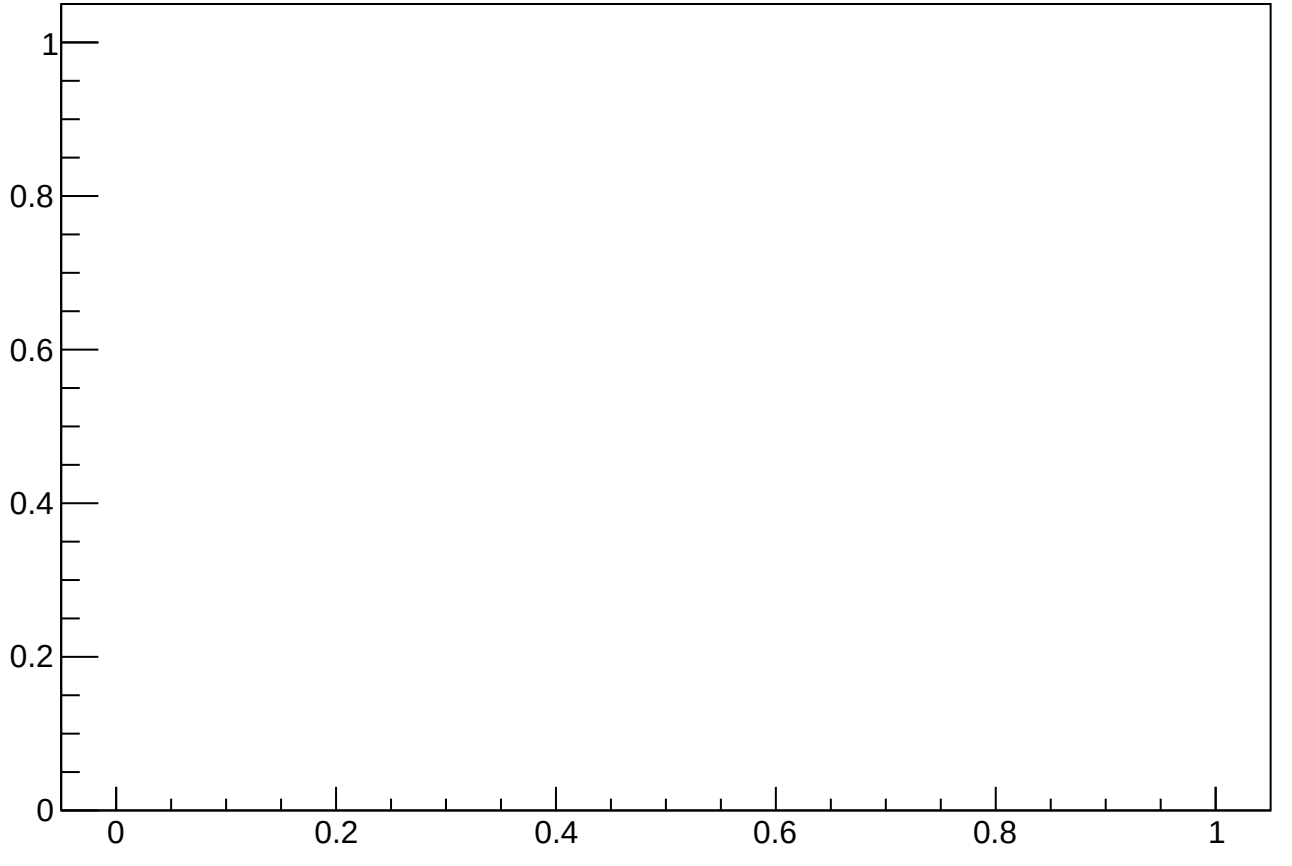
dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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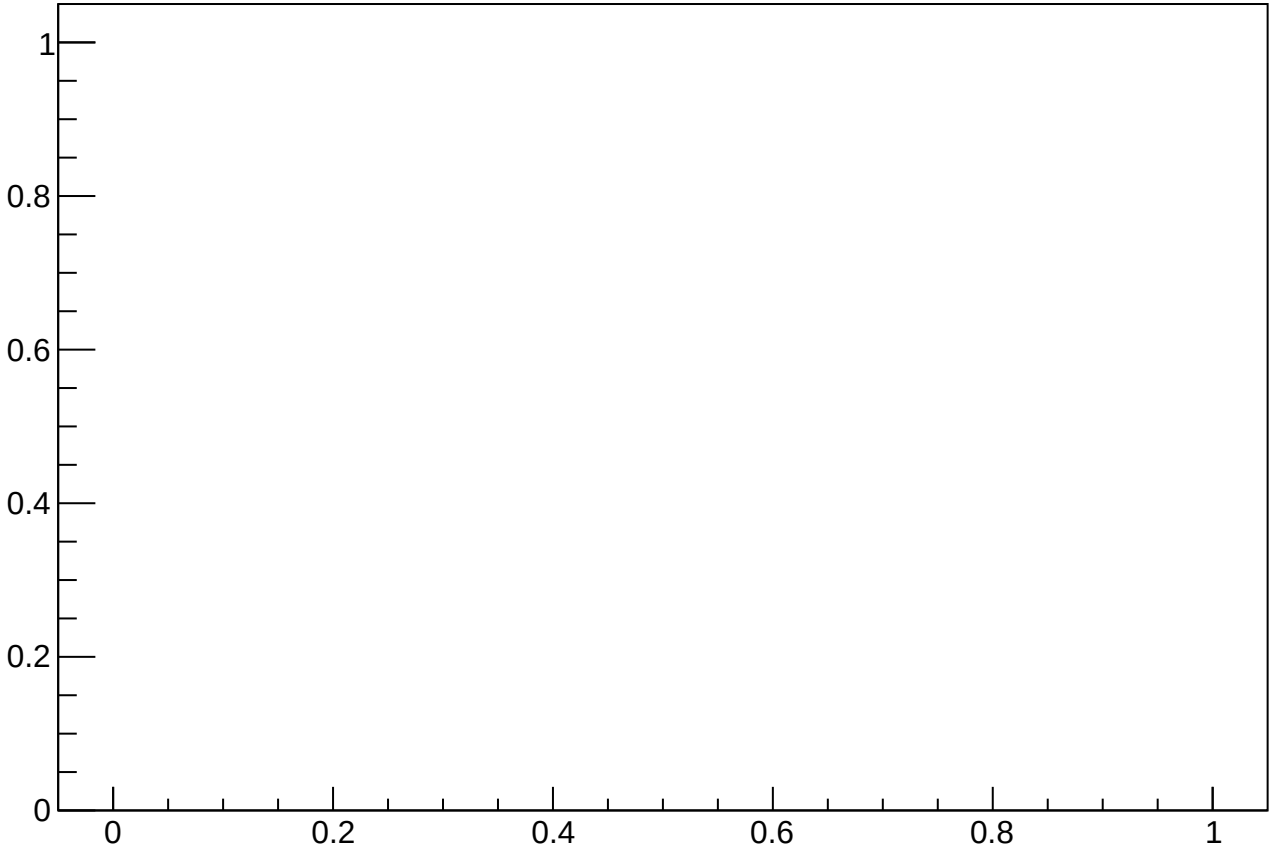
dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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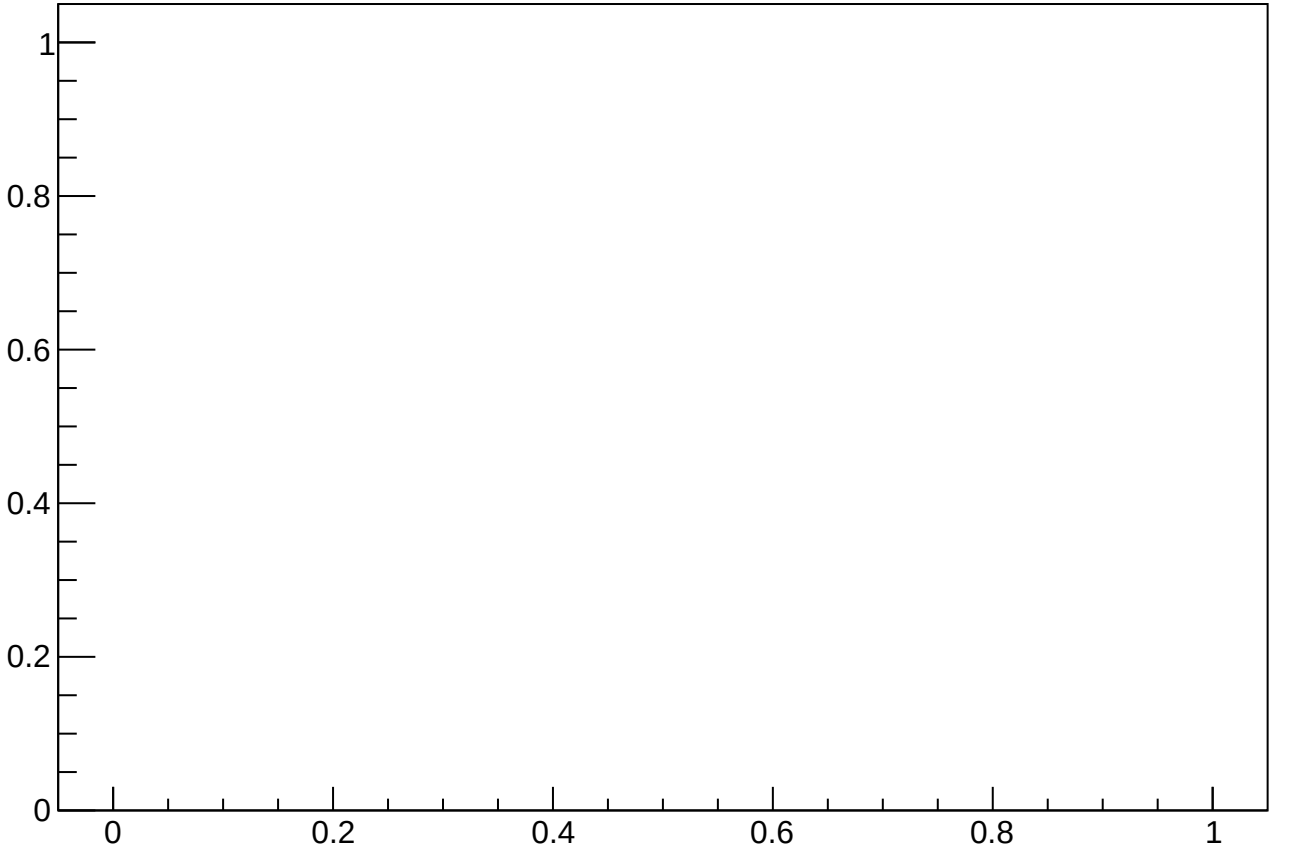

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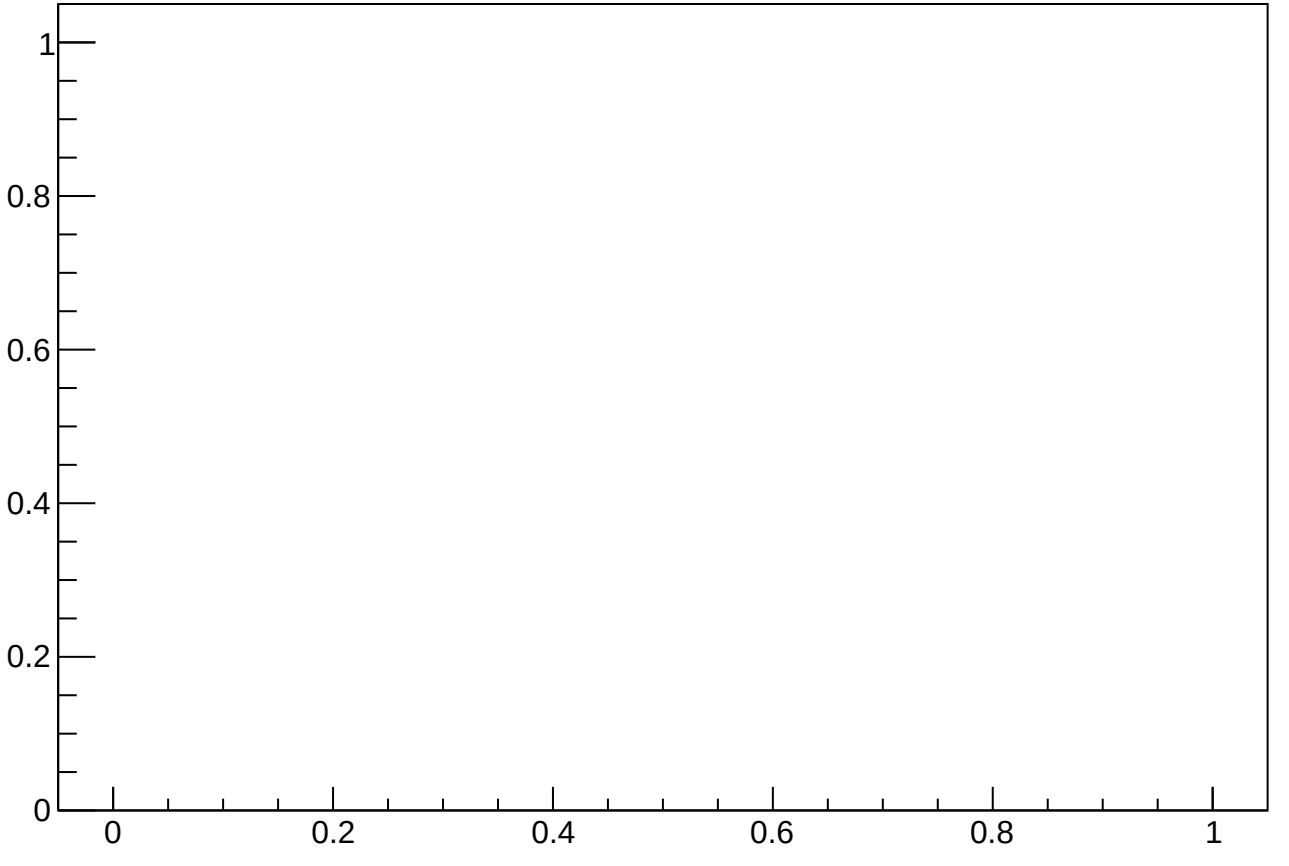
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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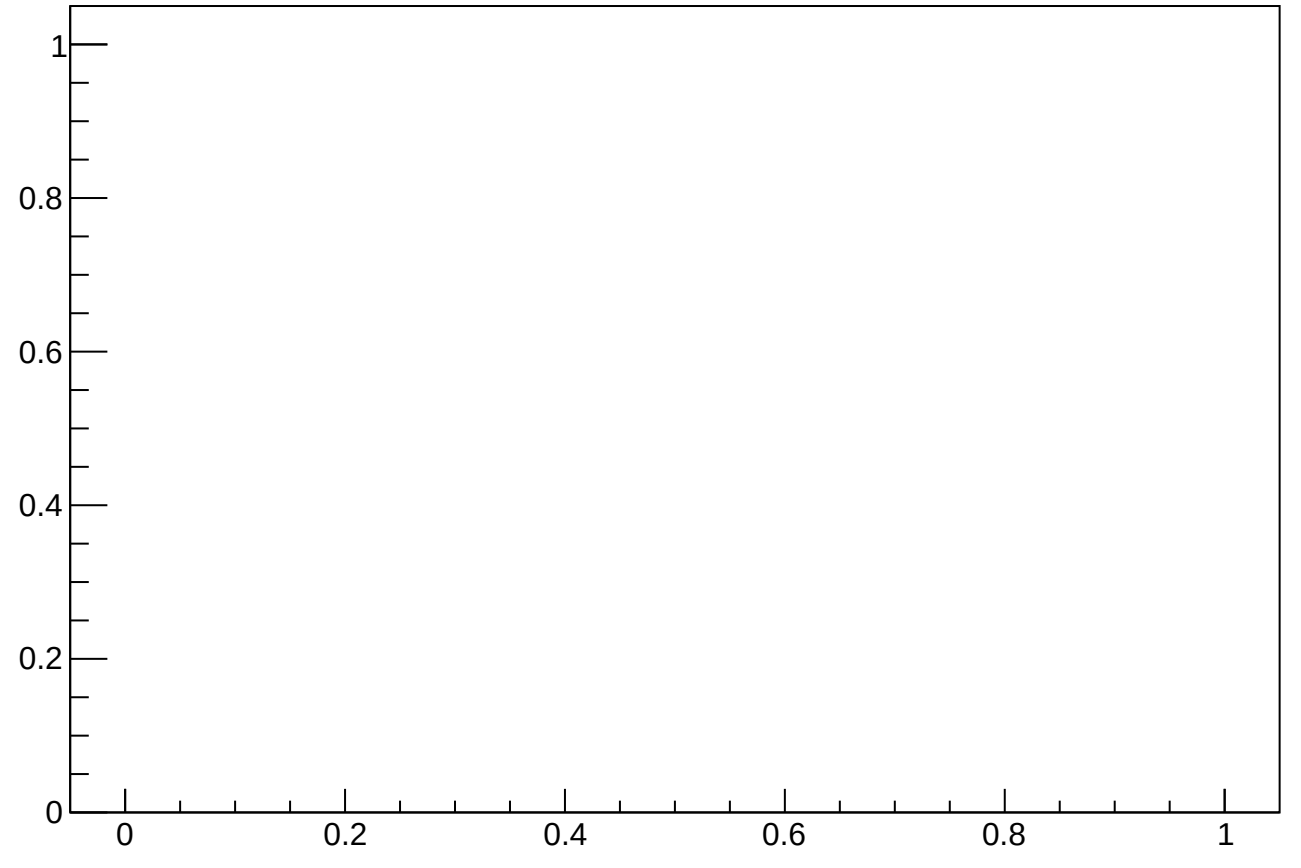
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

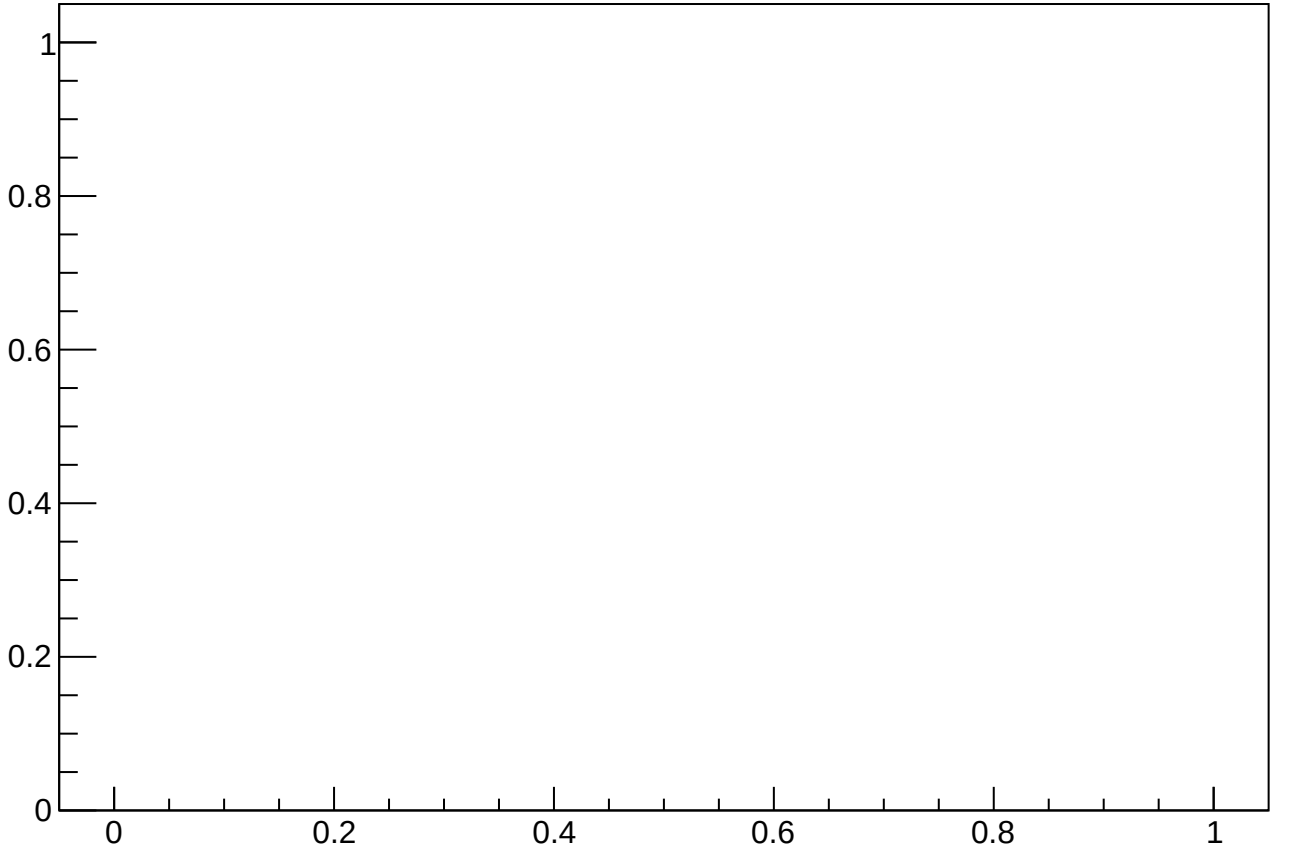
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

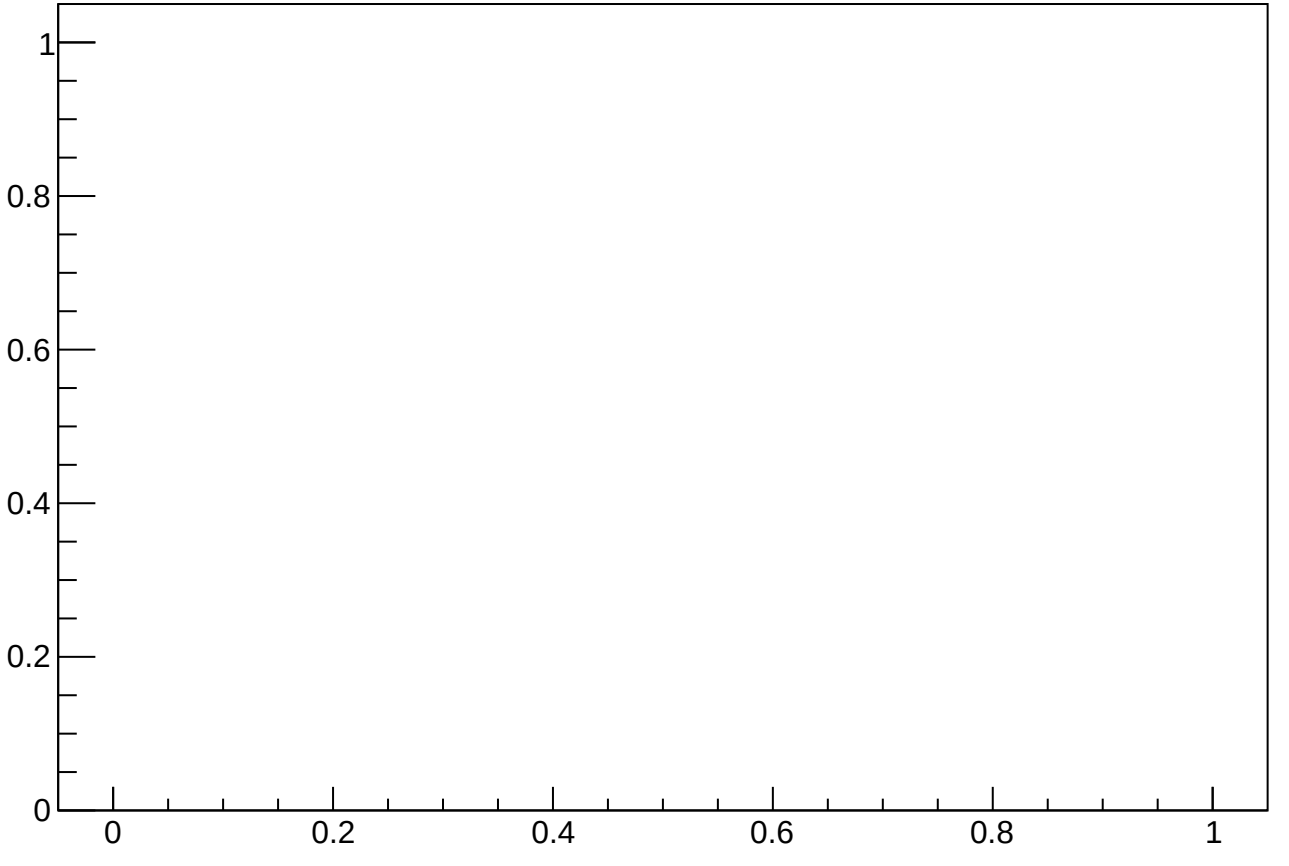
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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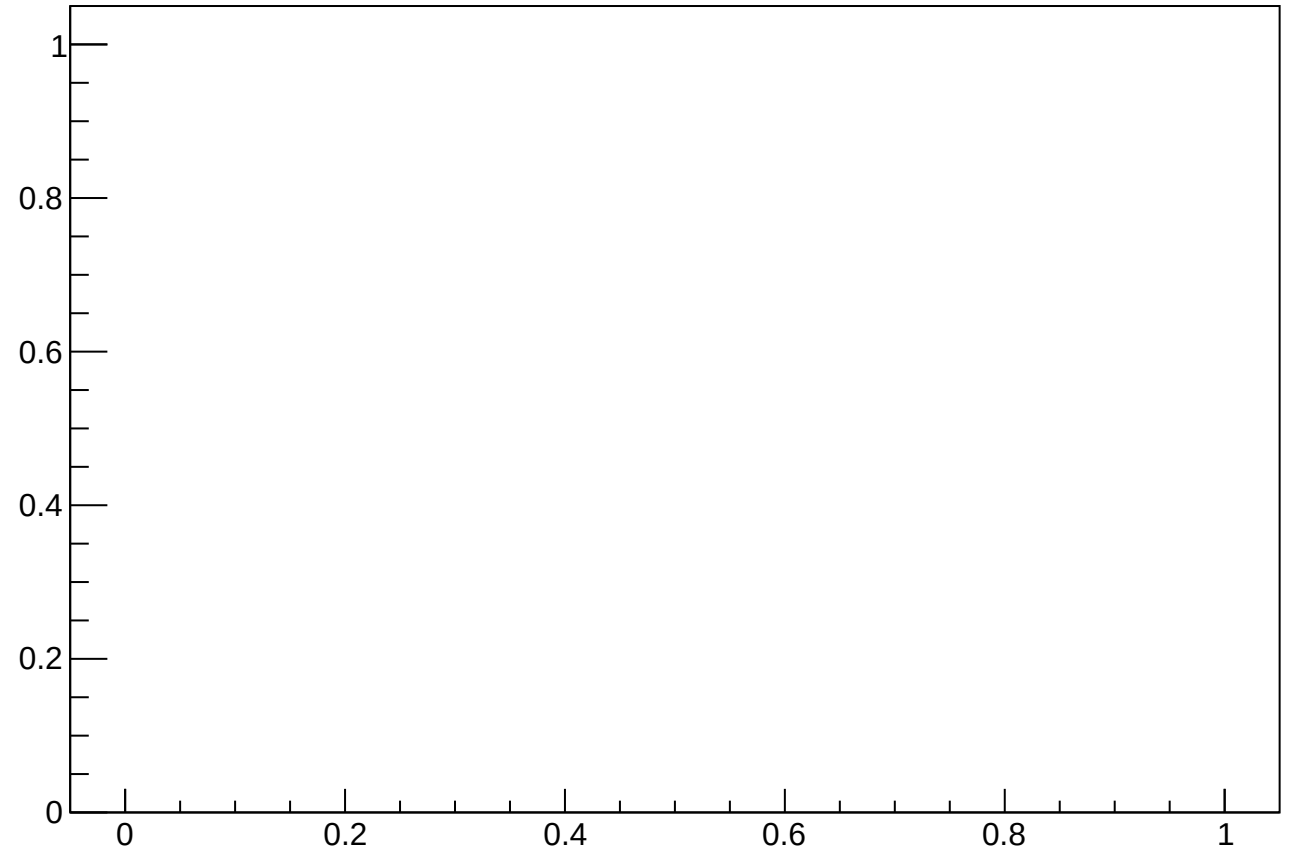

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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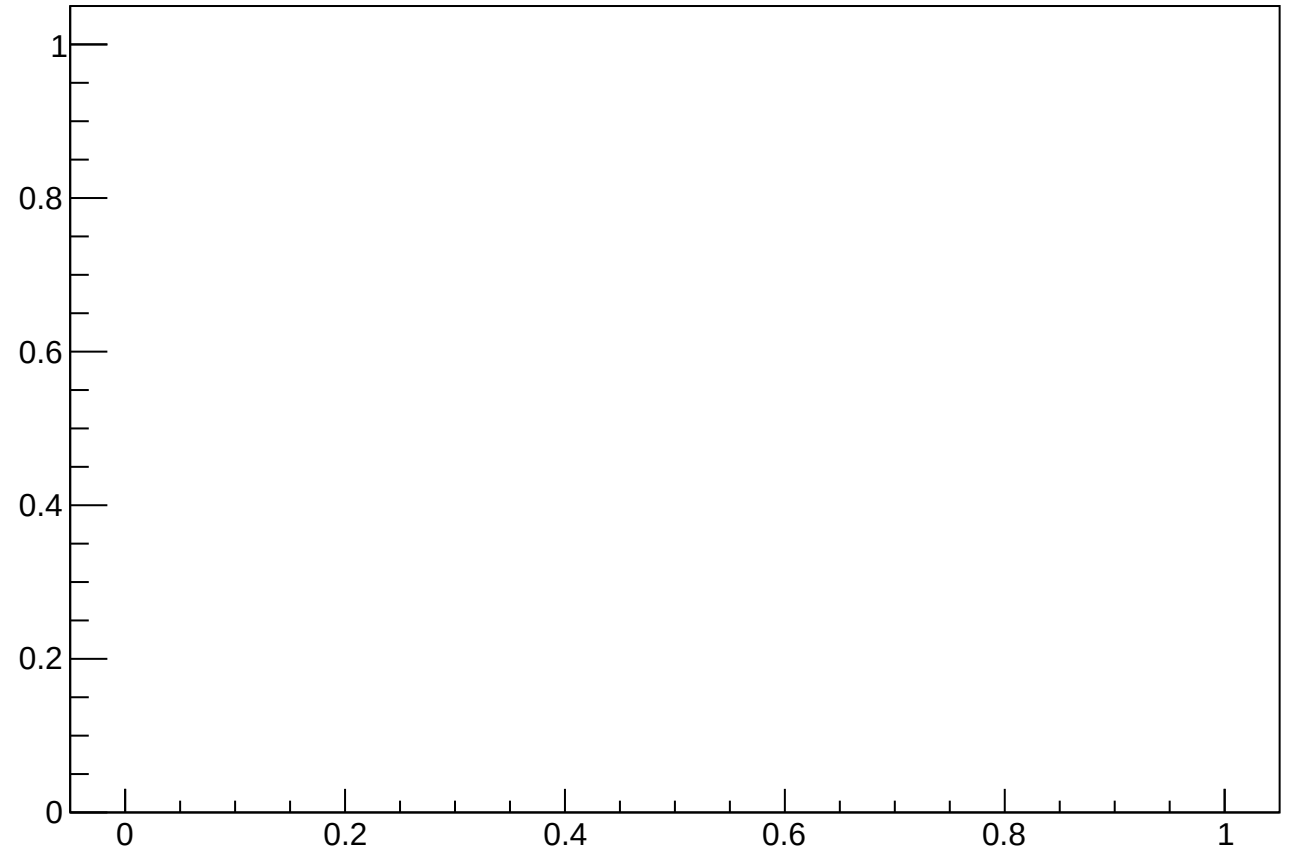

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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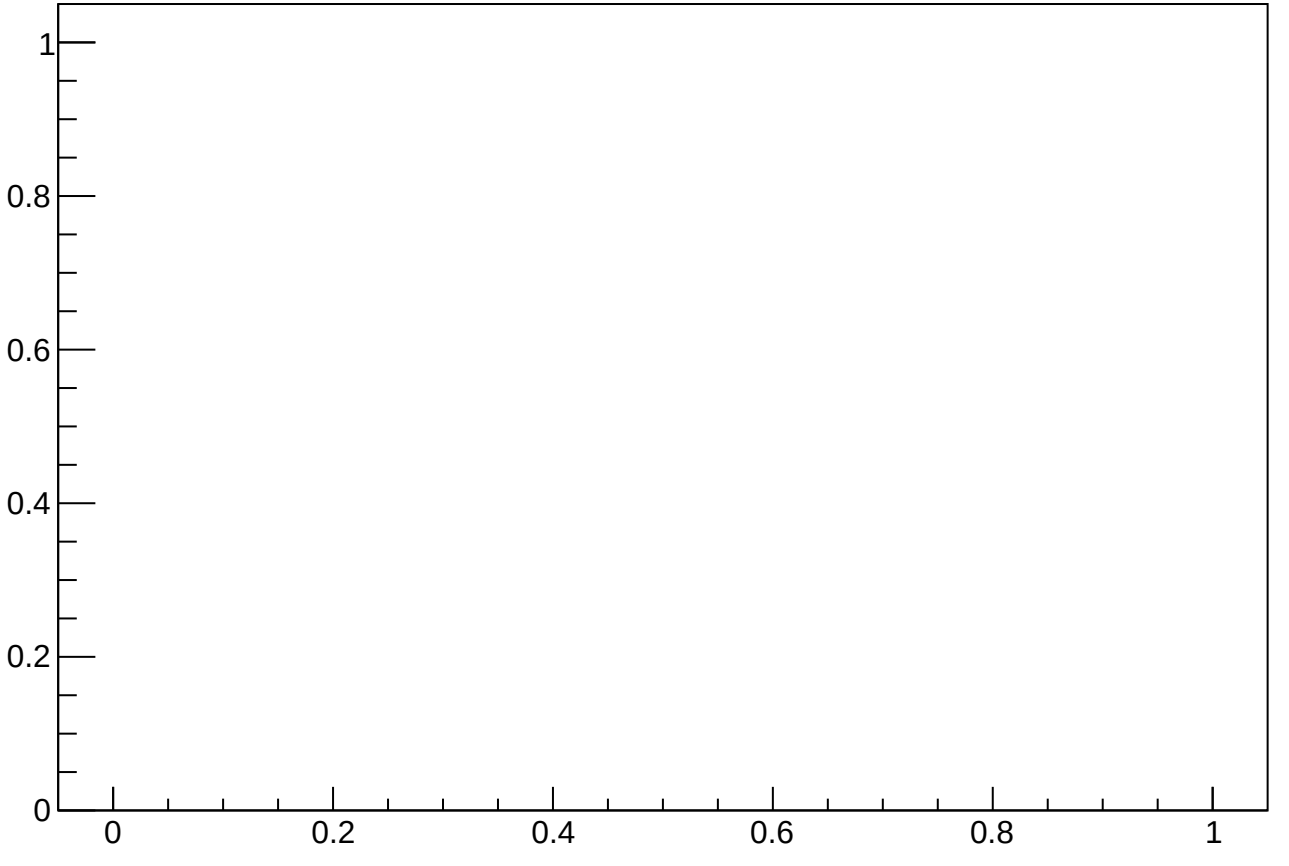
dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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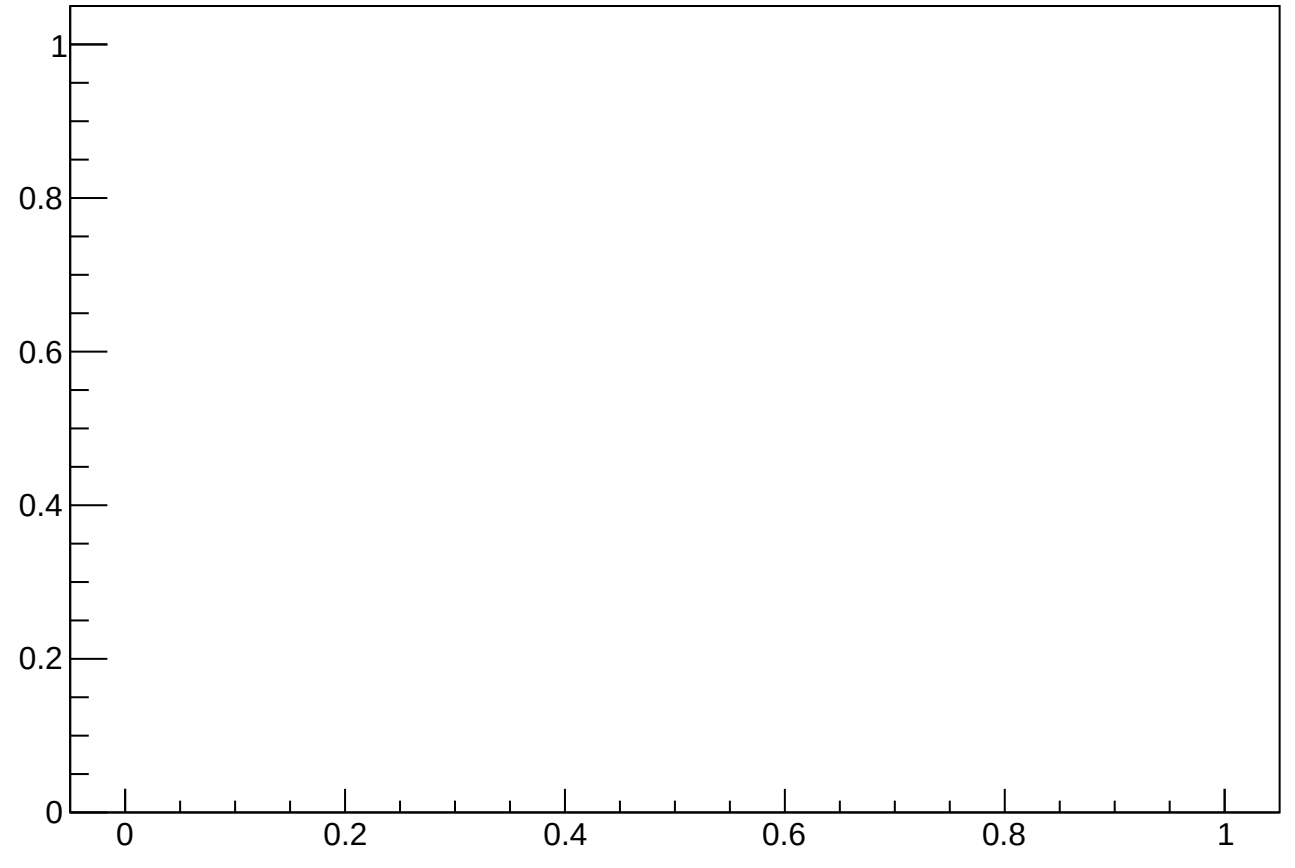

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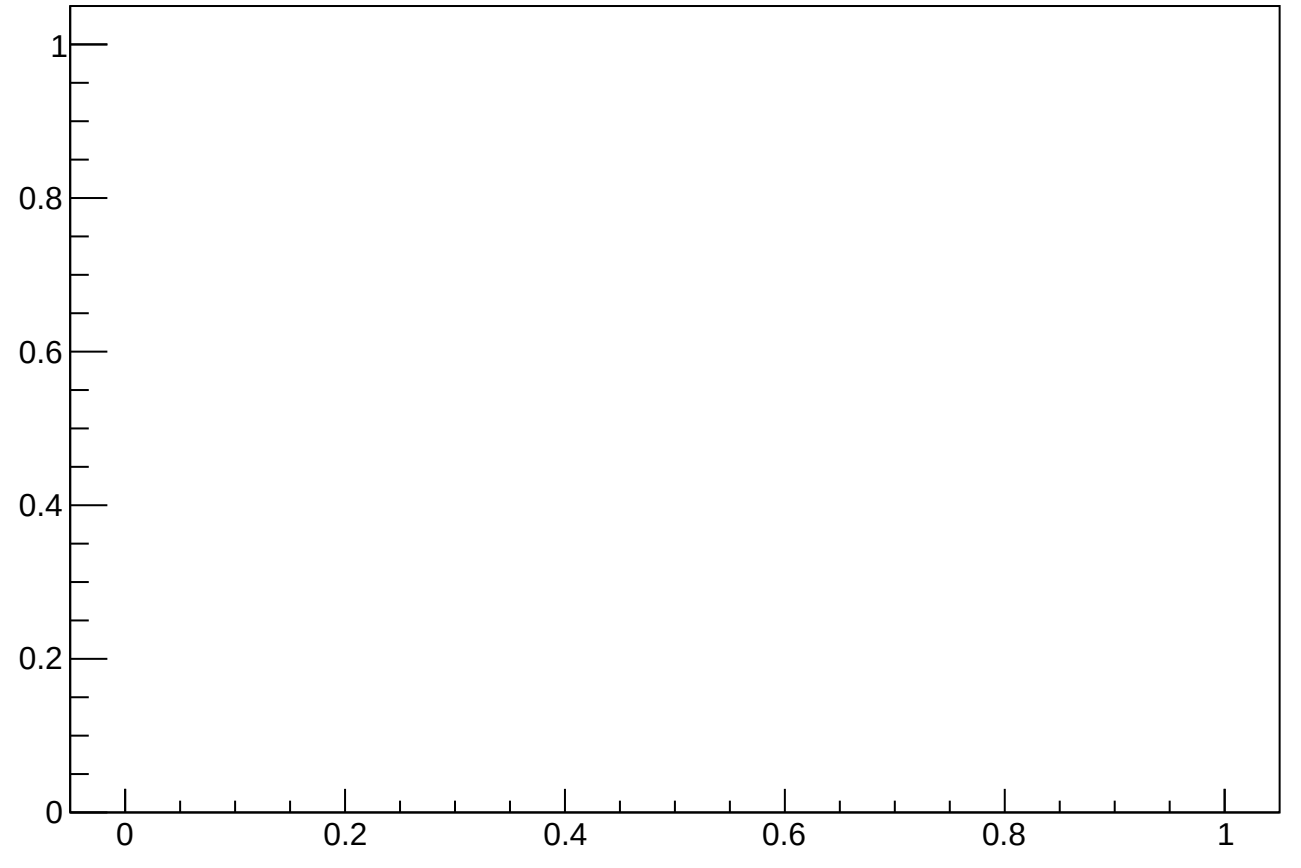

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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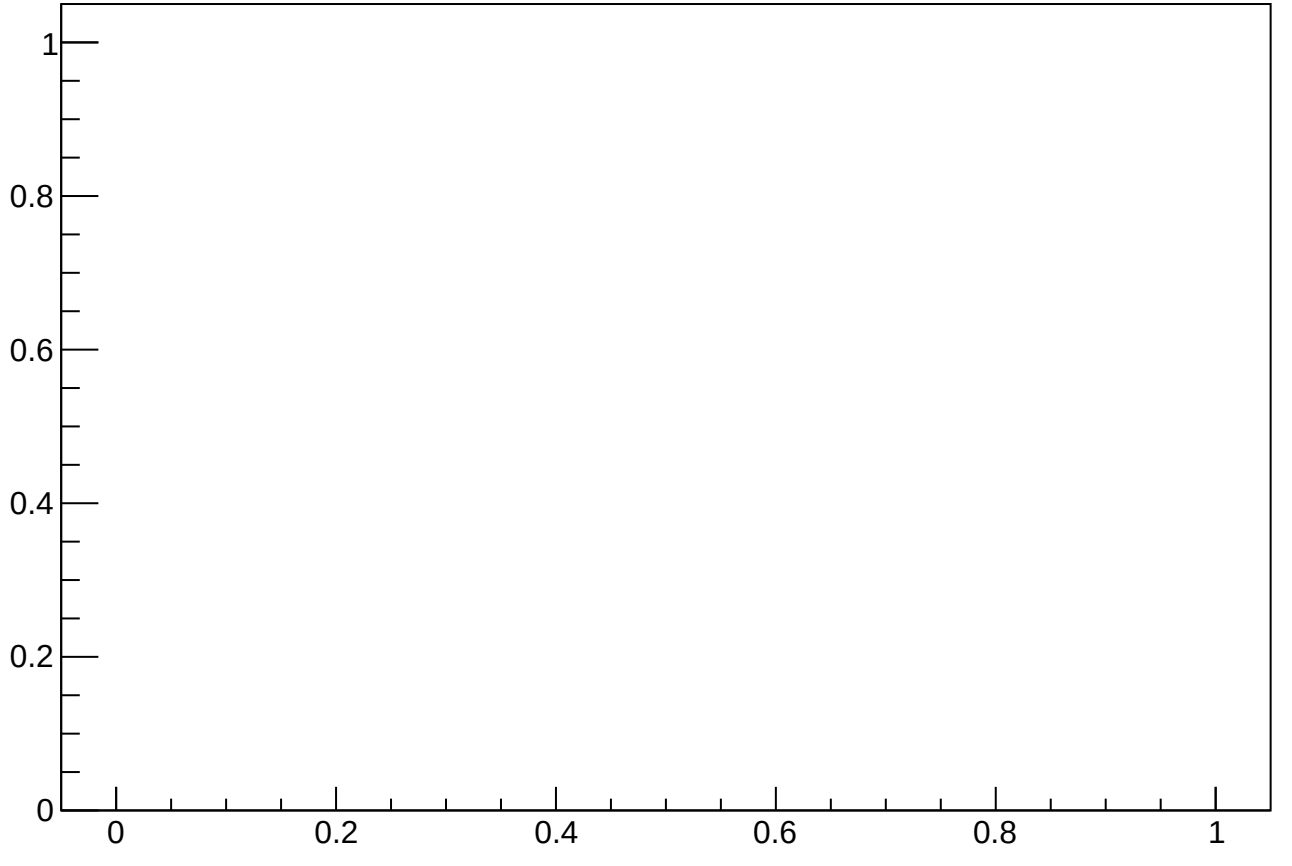
dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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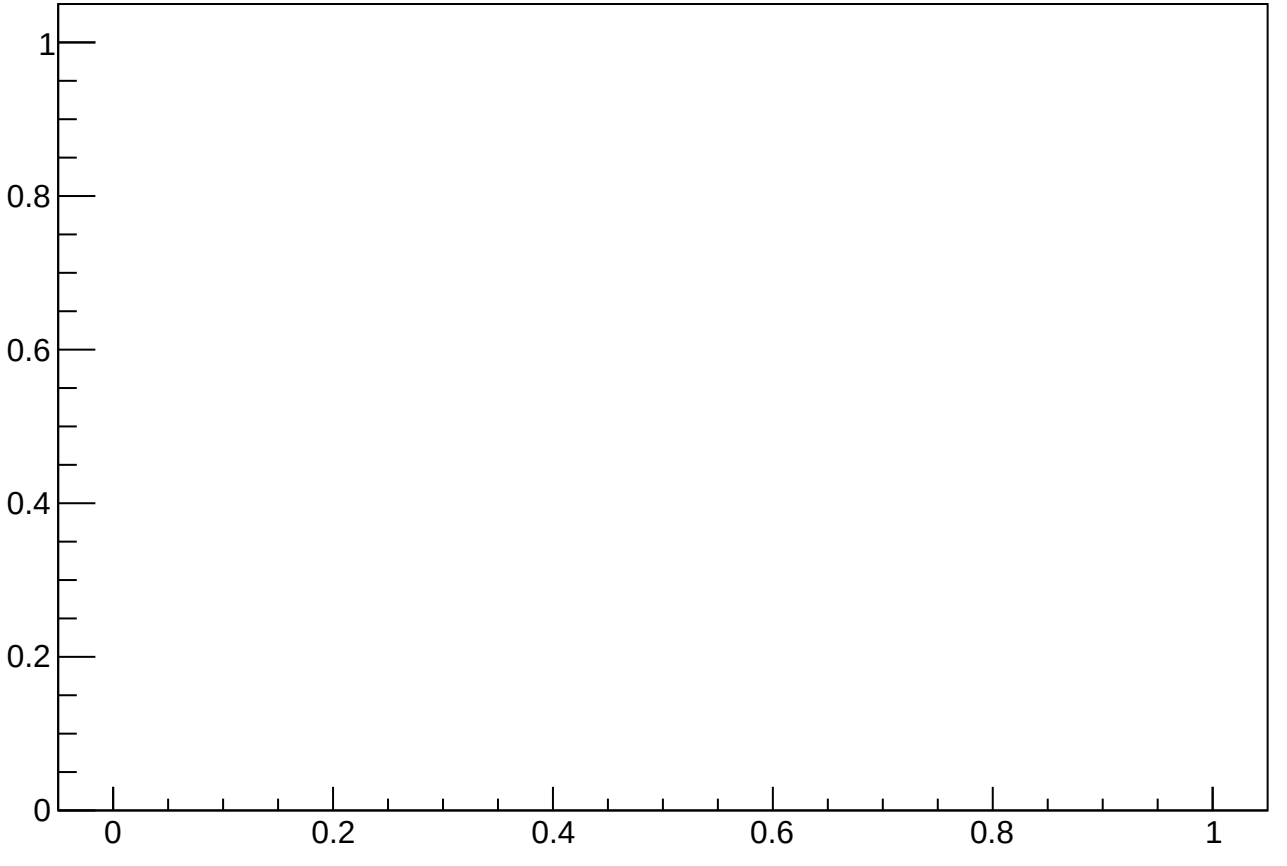
dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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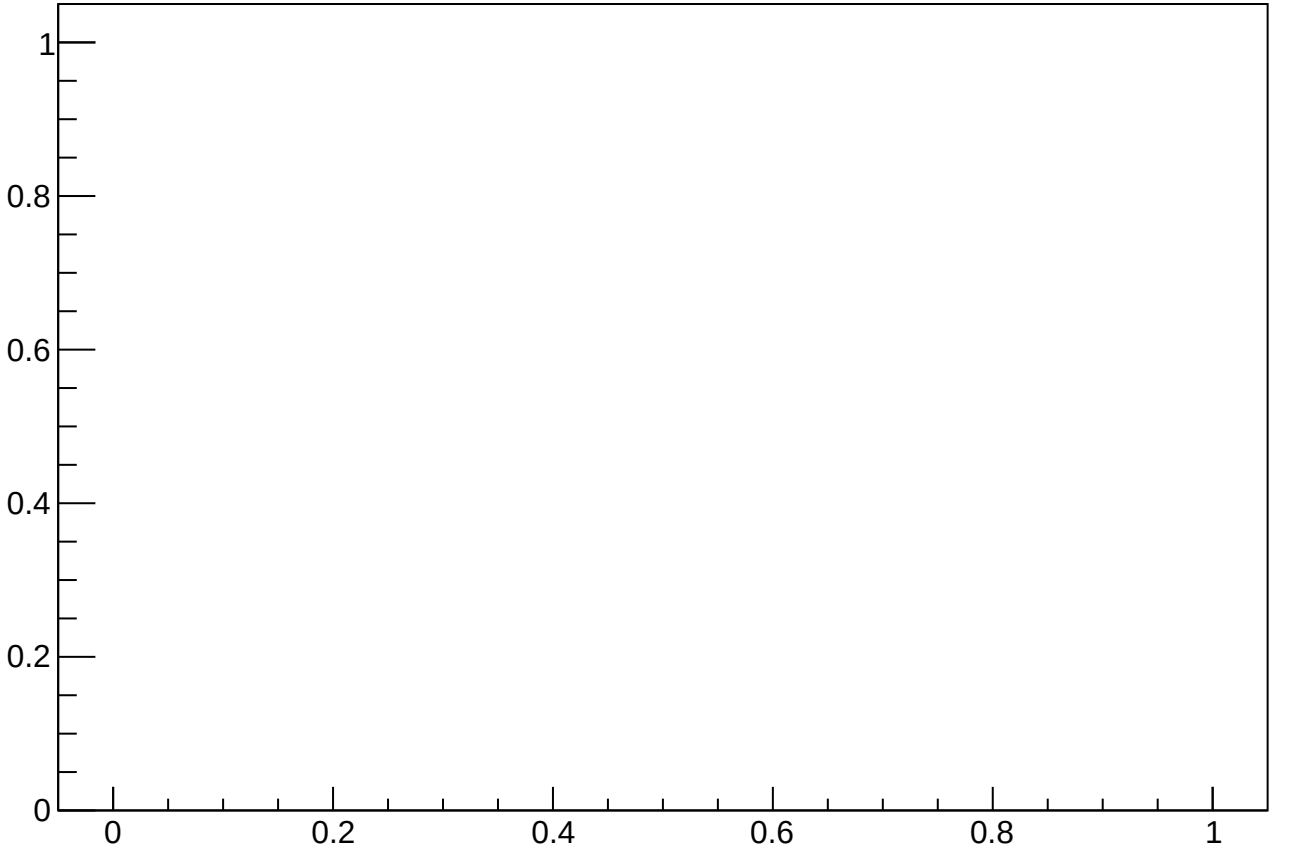
dit_sam4_coil3_mean vs Slug, Sign Corrected



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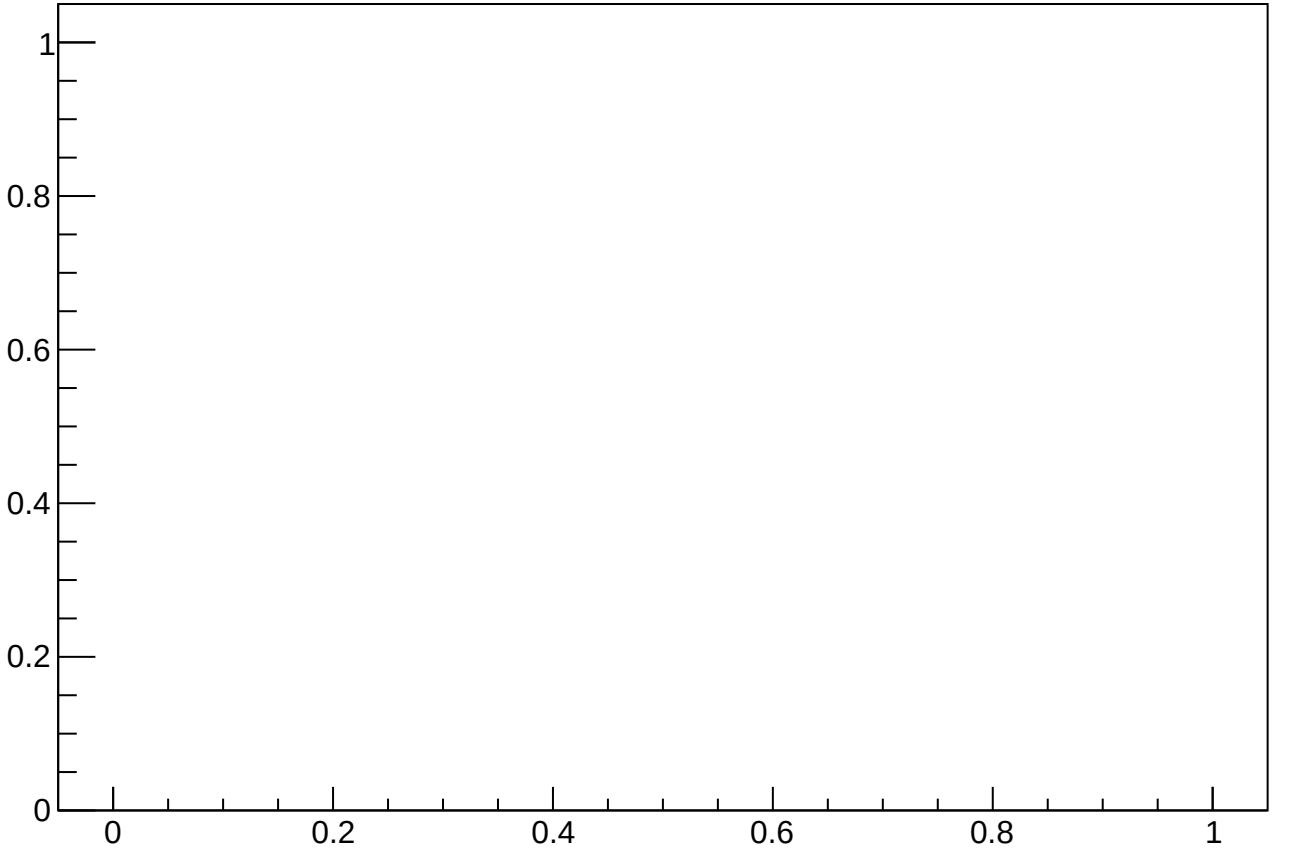
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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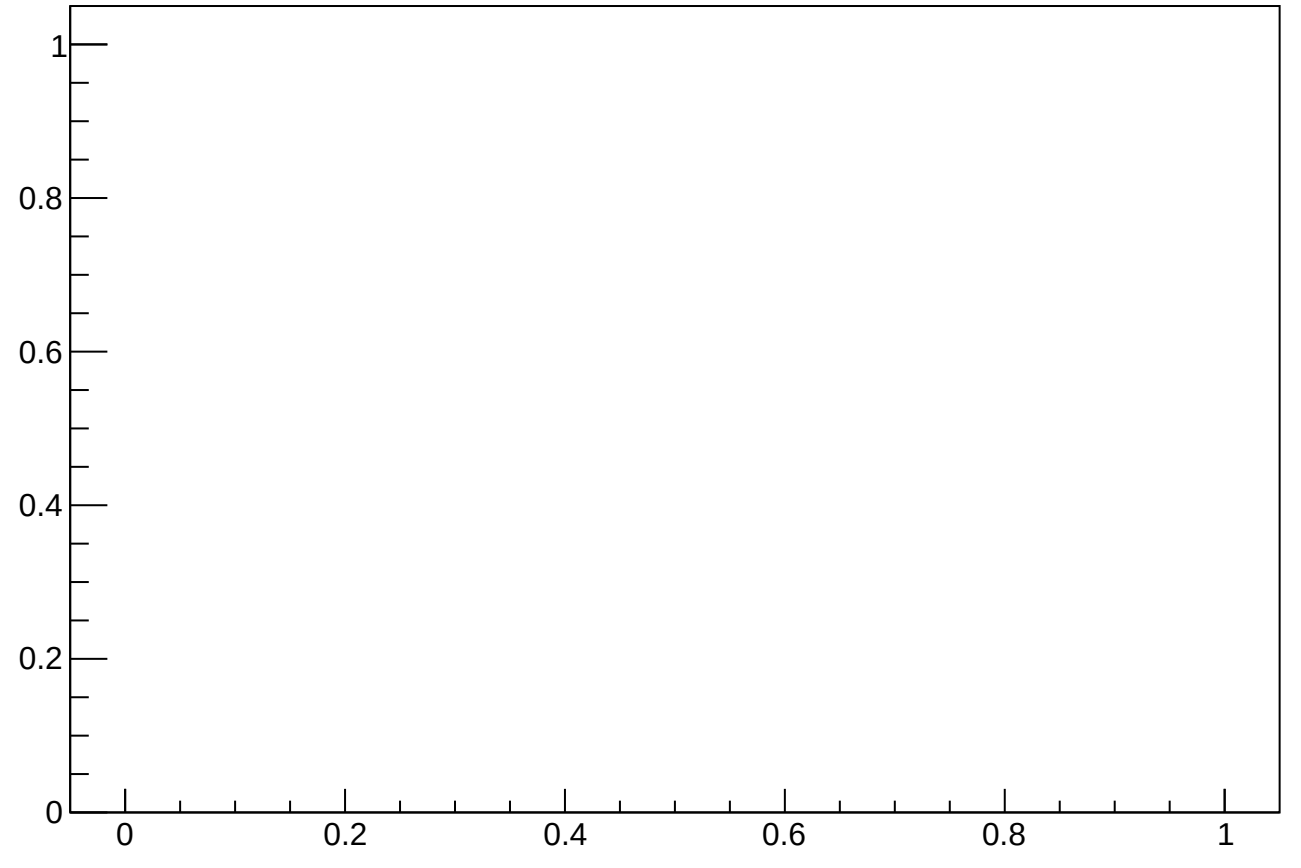

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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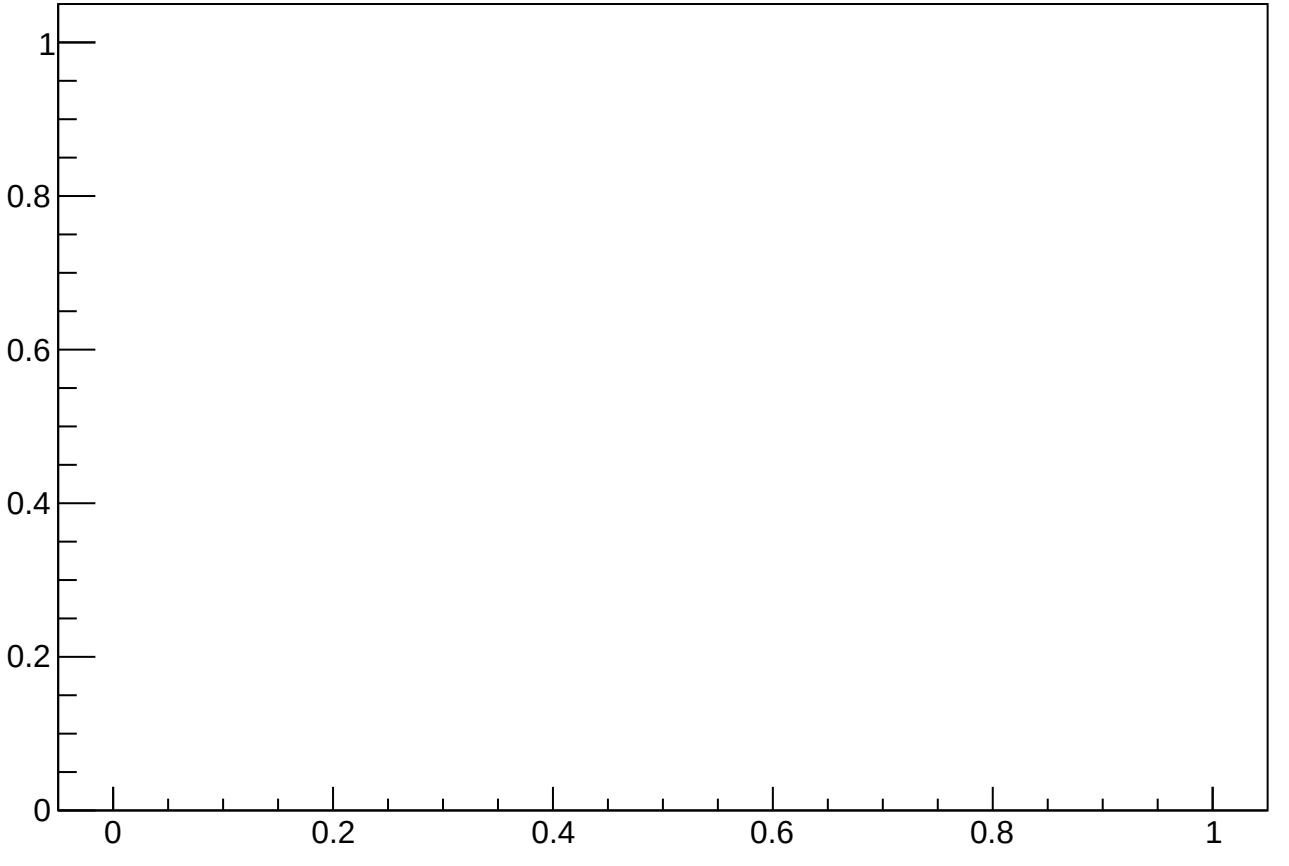
dit_sam5_coil3_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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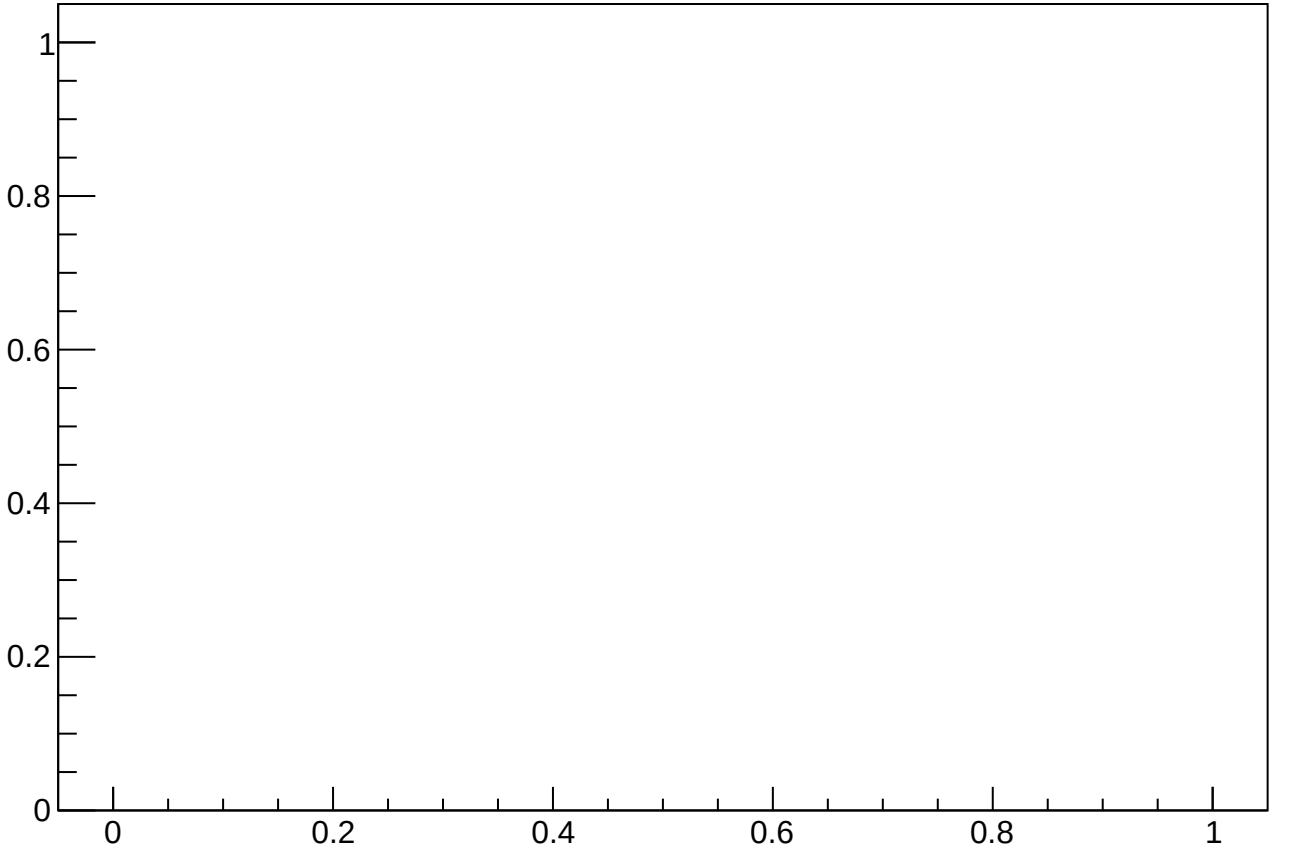
dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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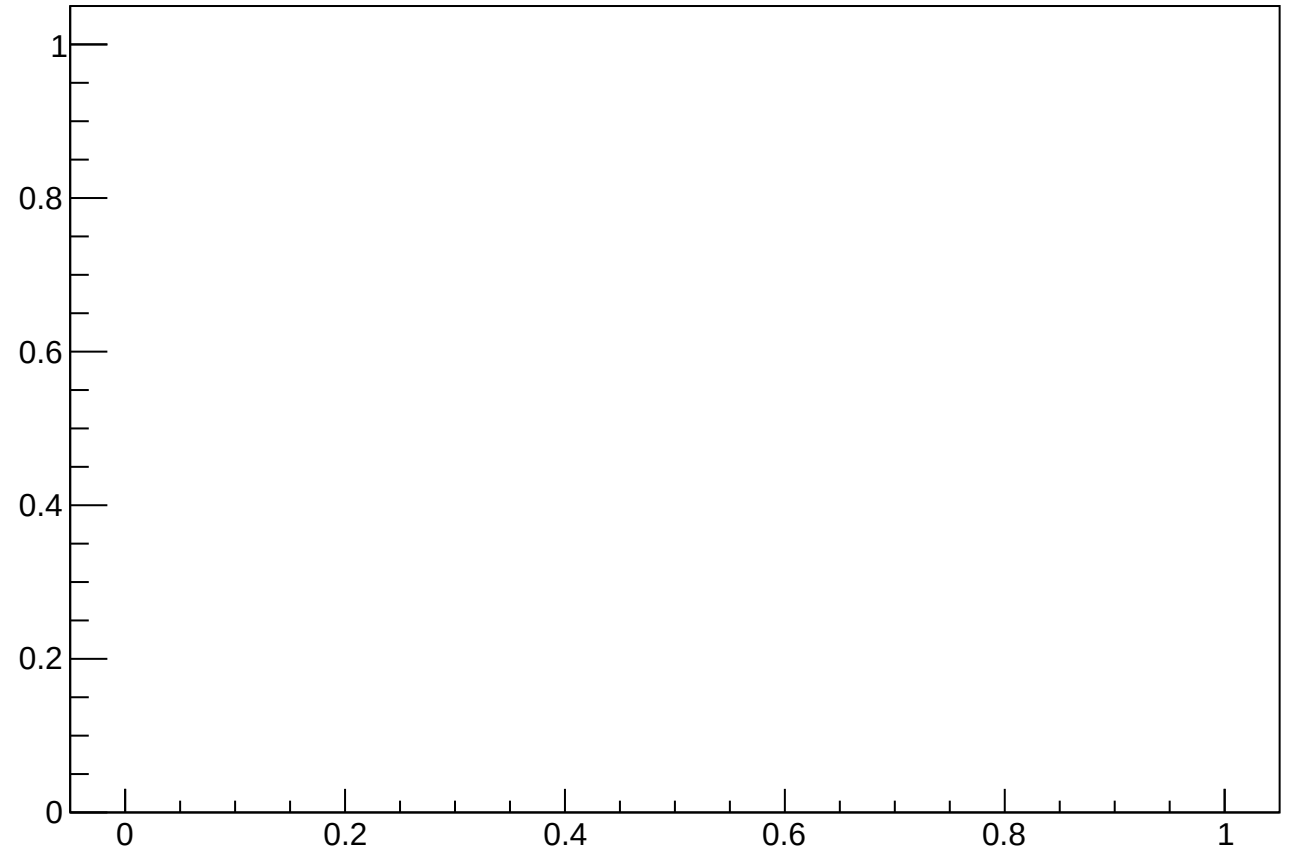

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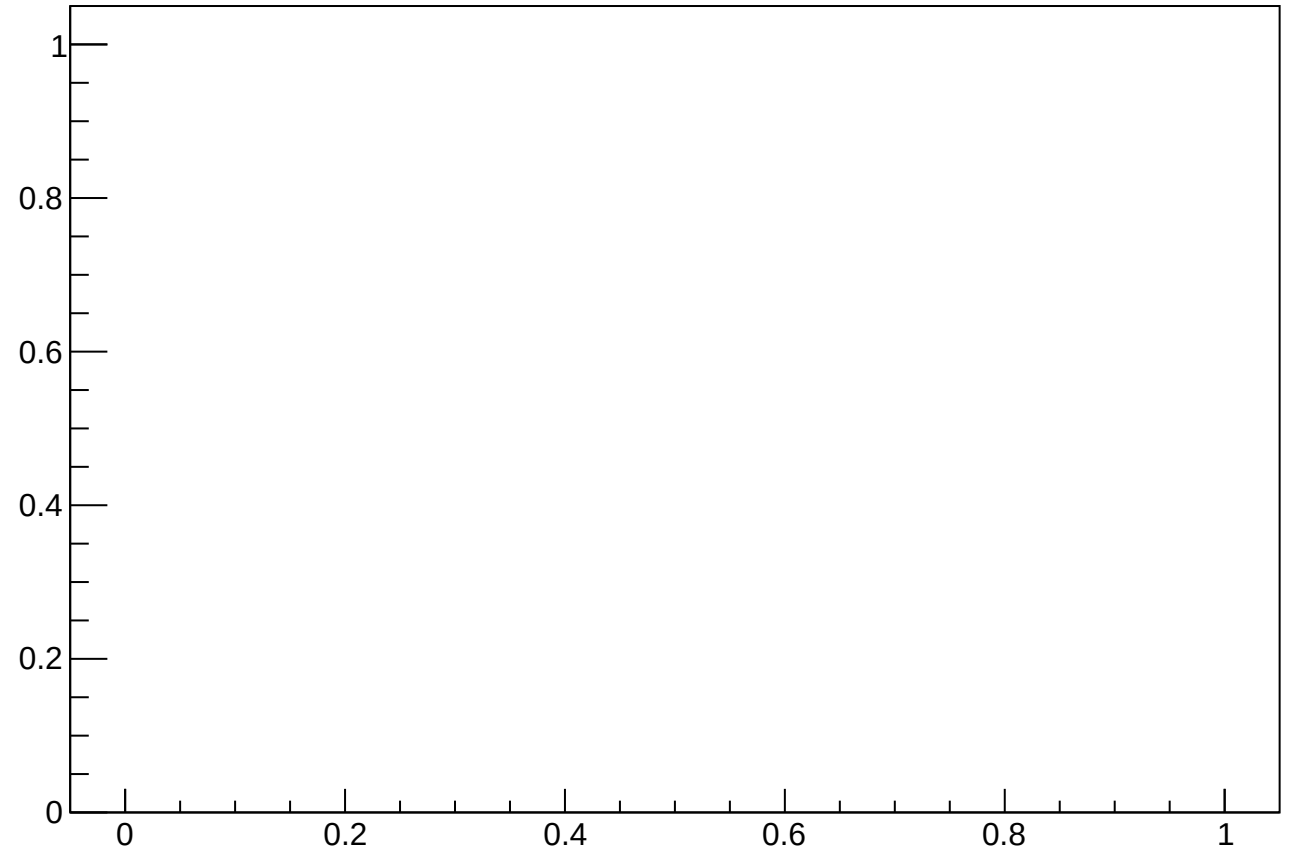

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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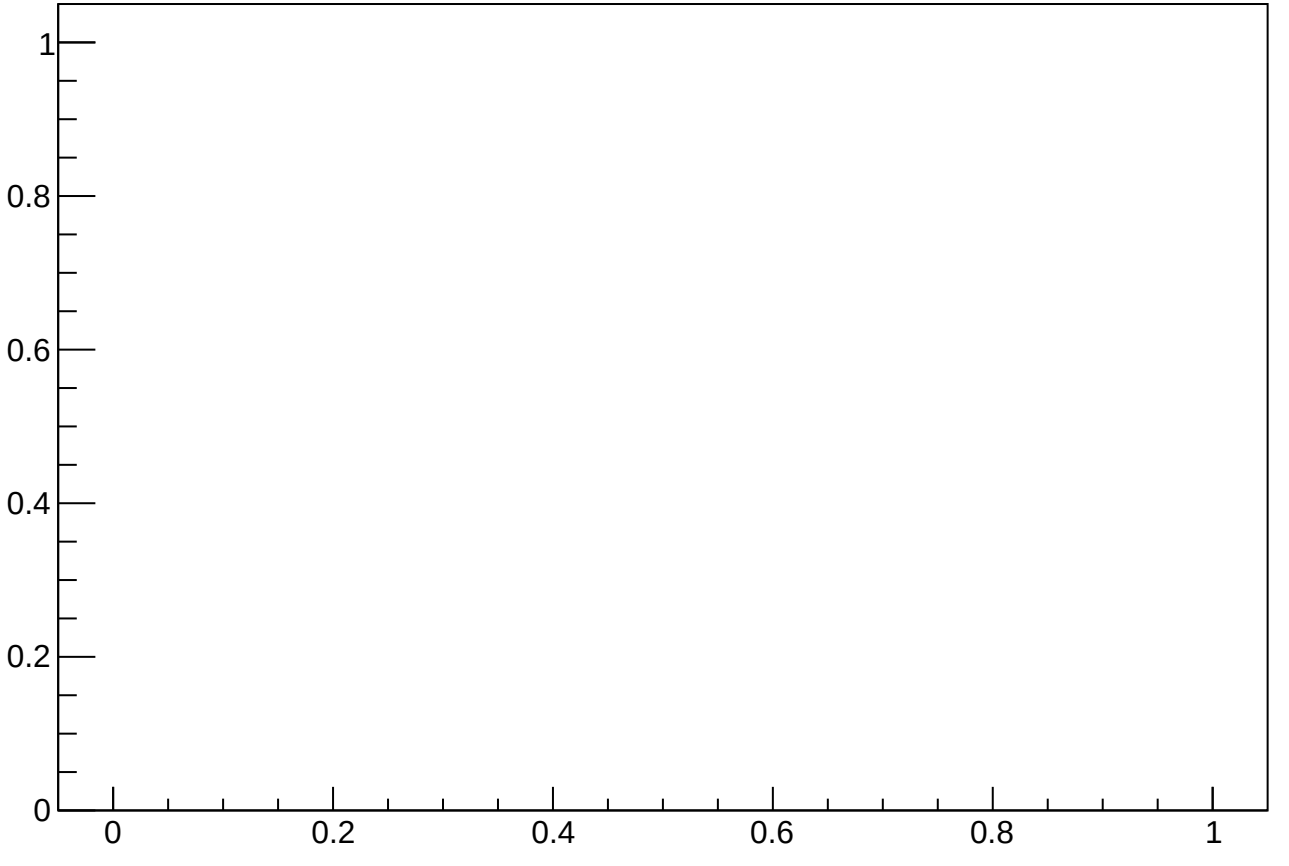
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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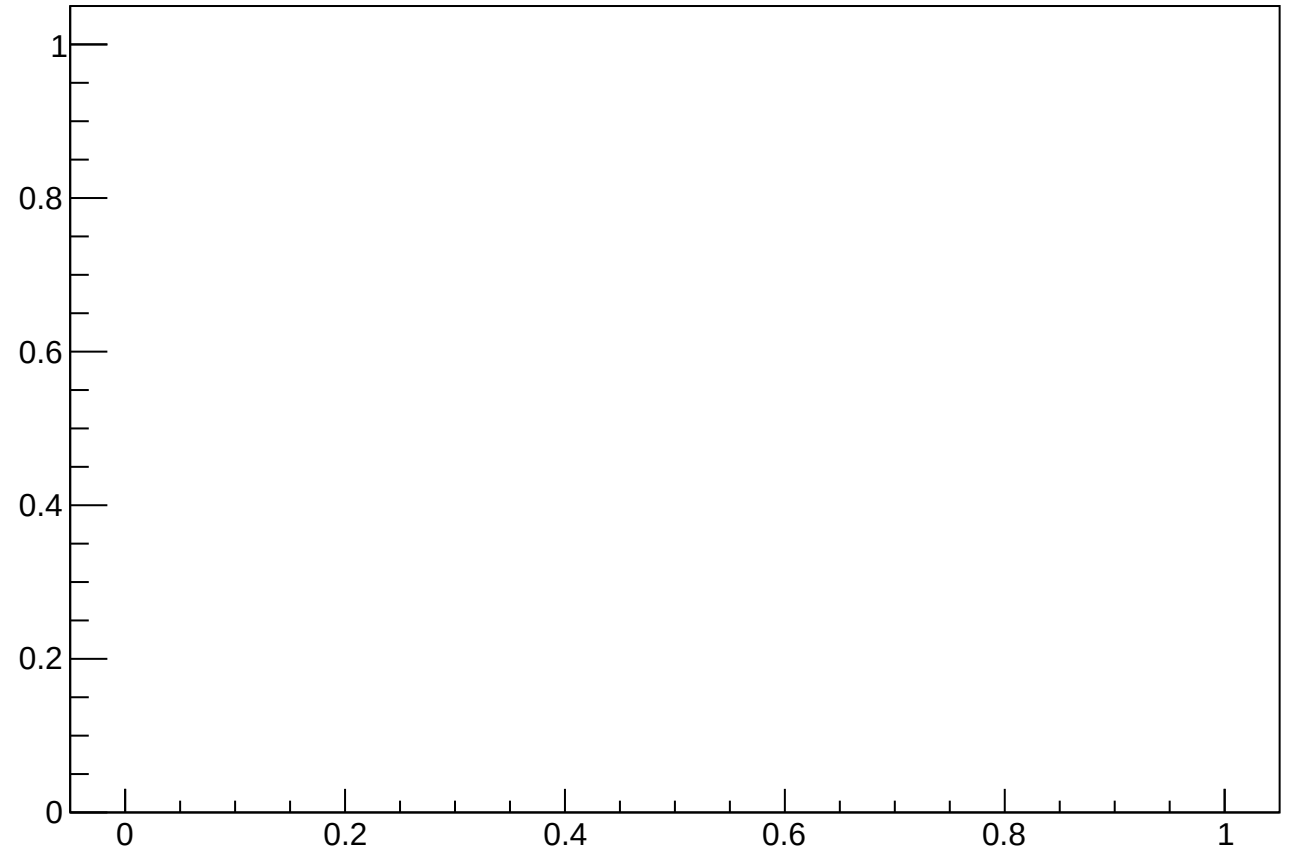

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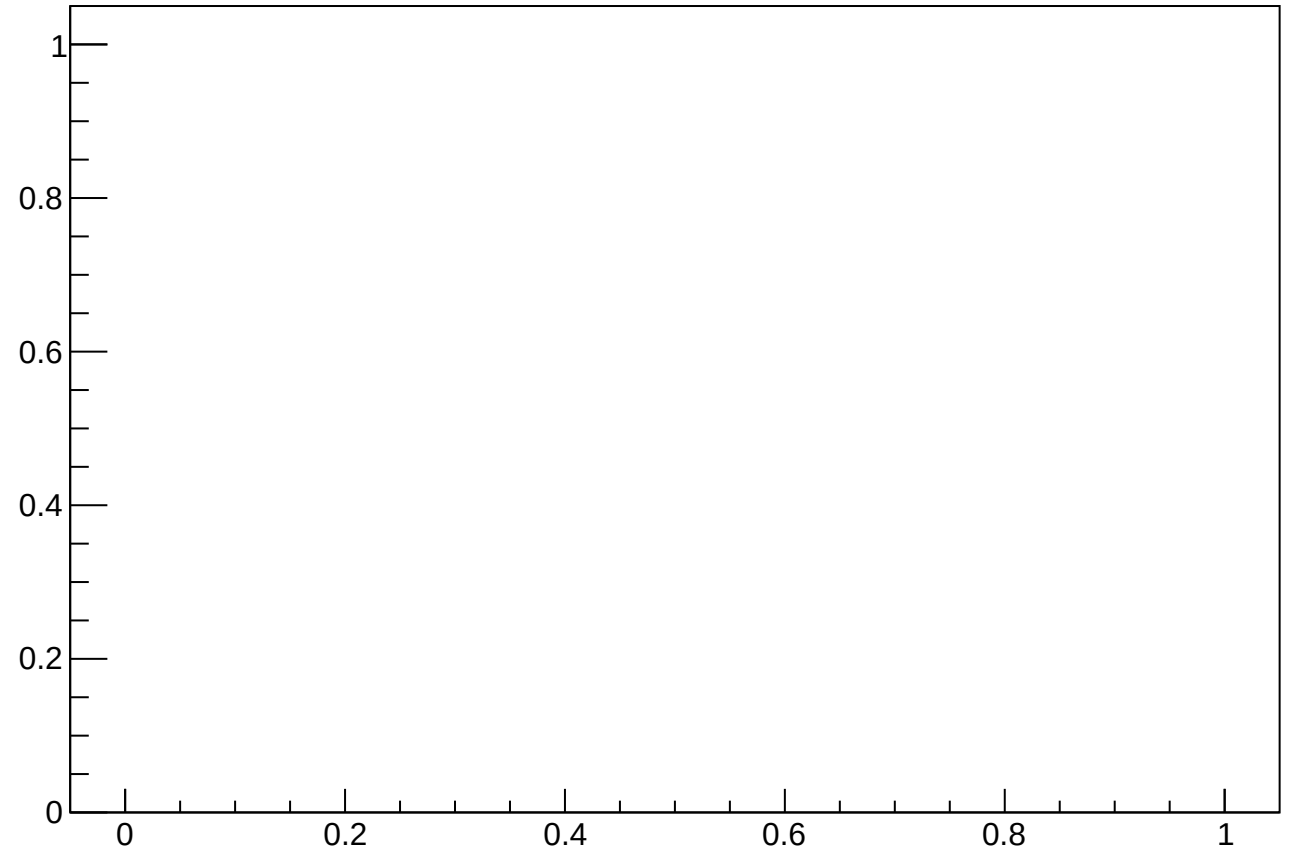

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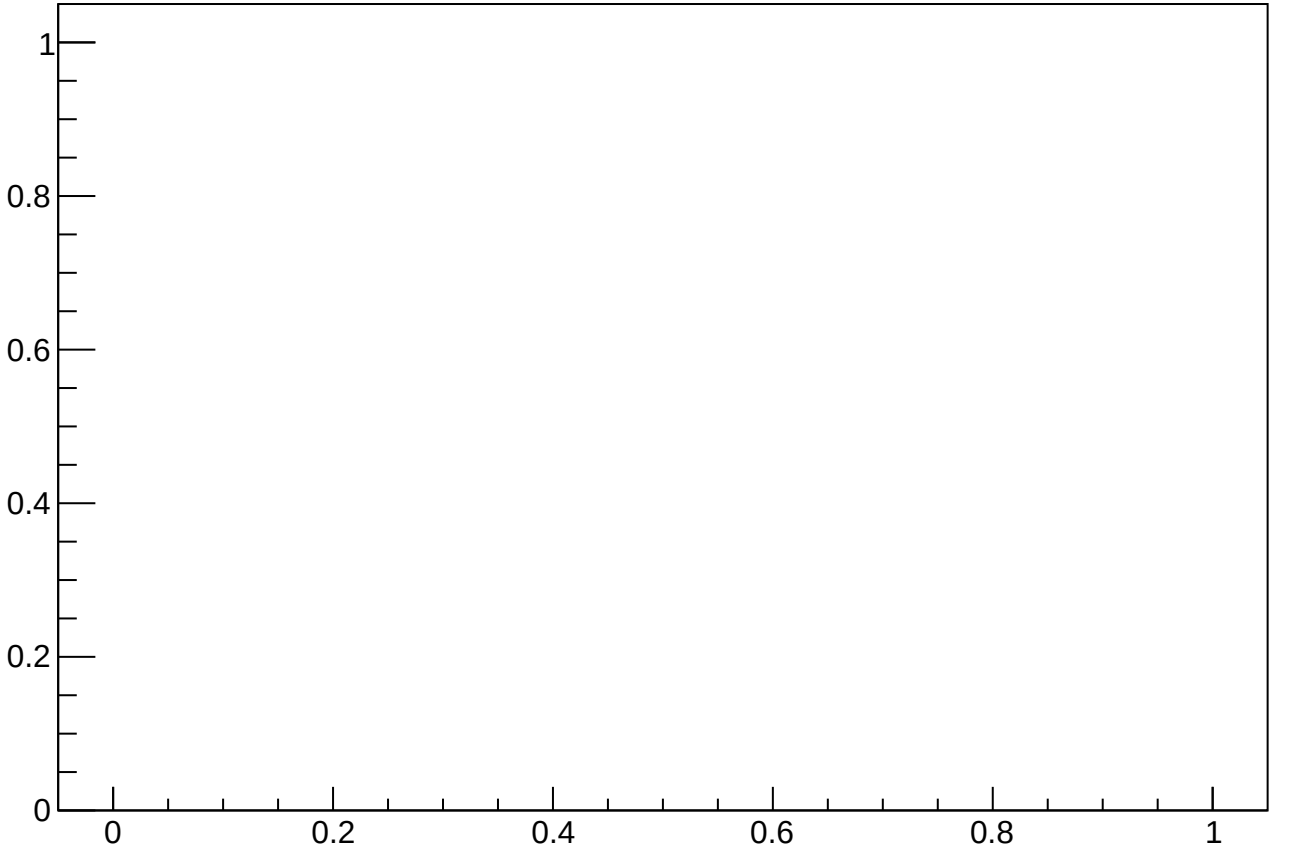
dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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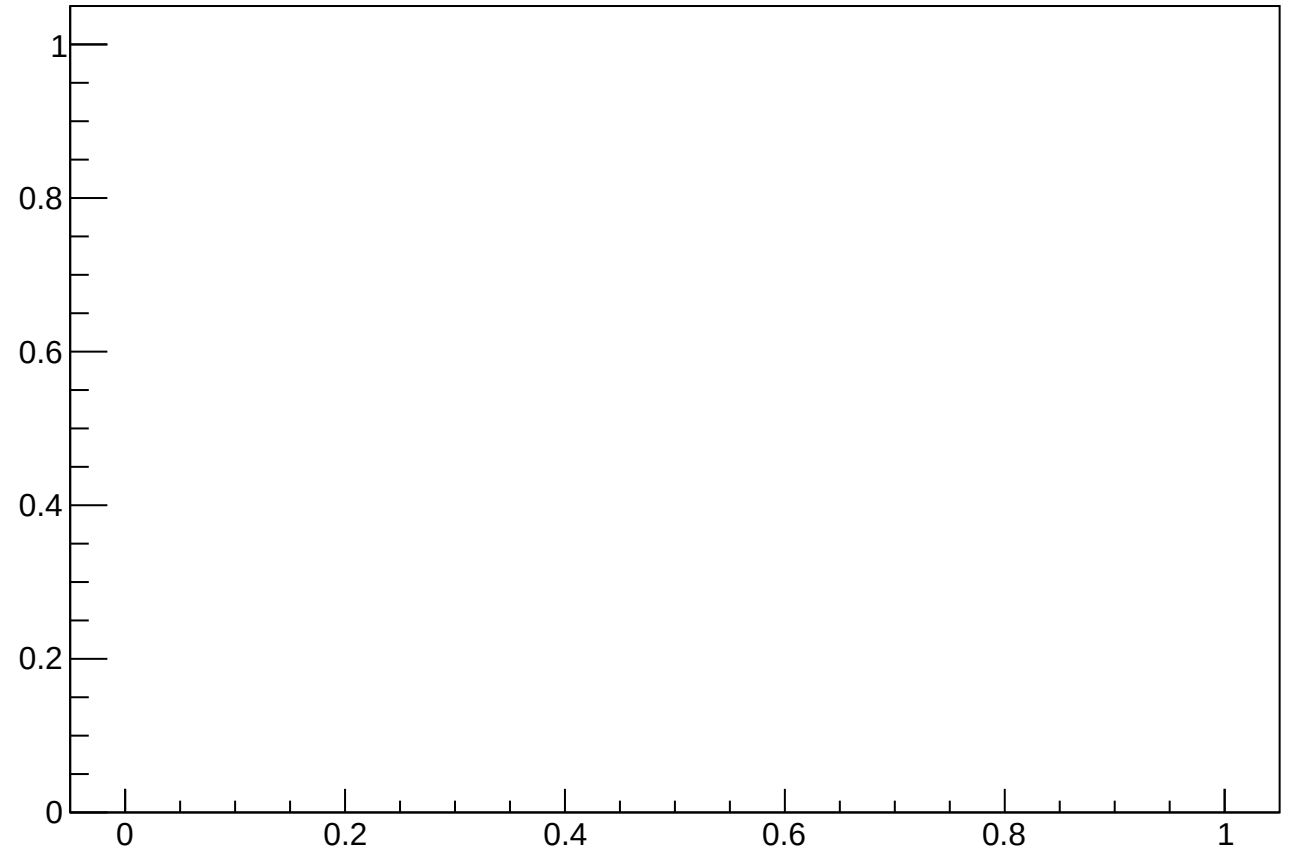
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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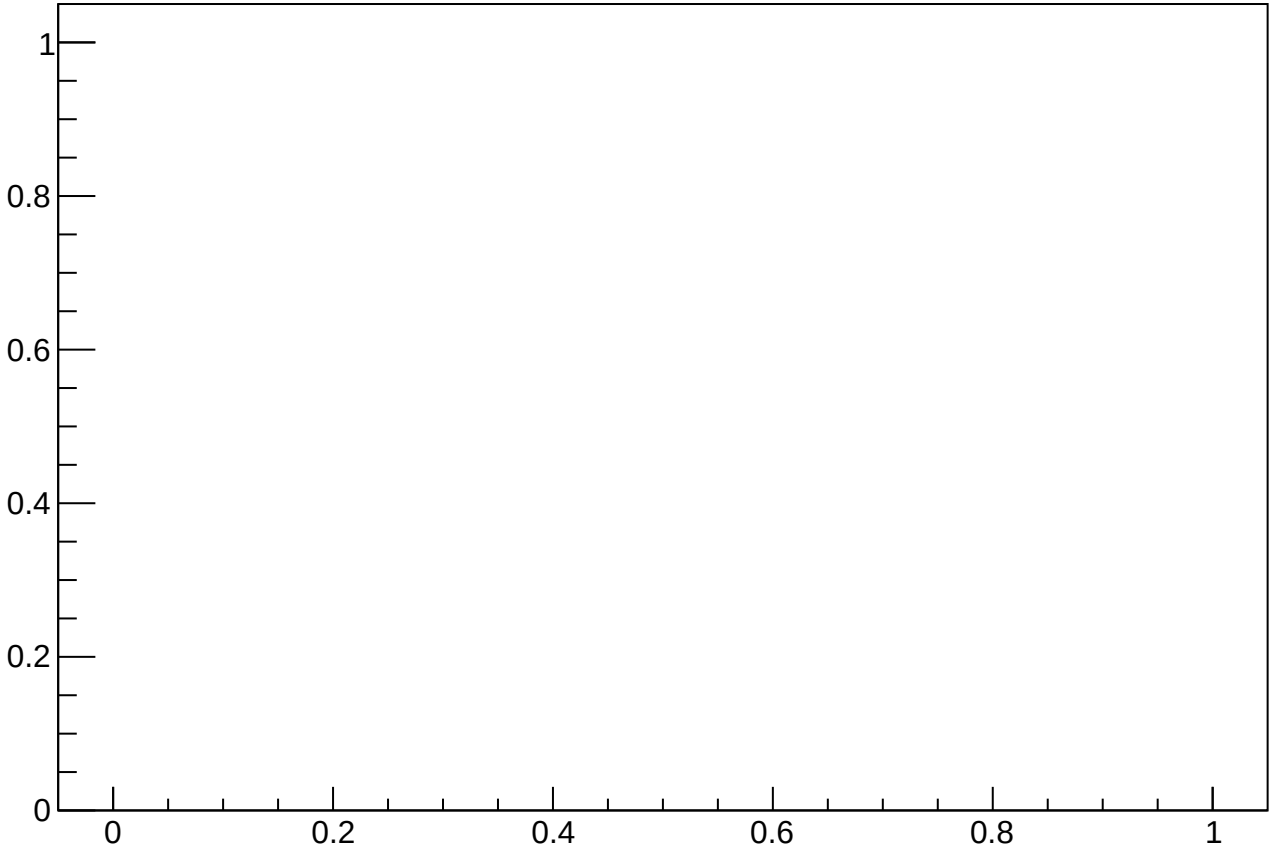
dit_sam8_coil3_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

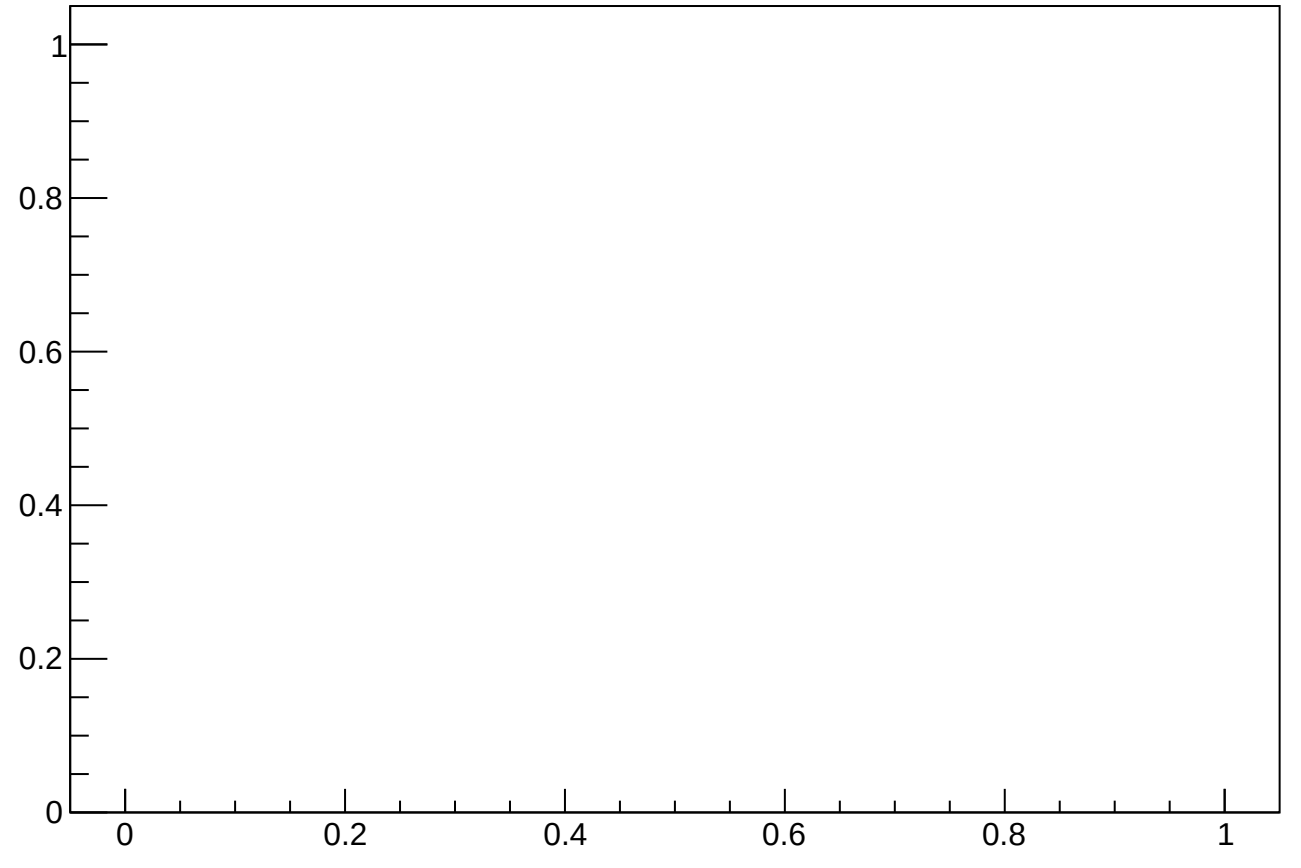
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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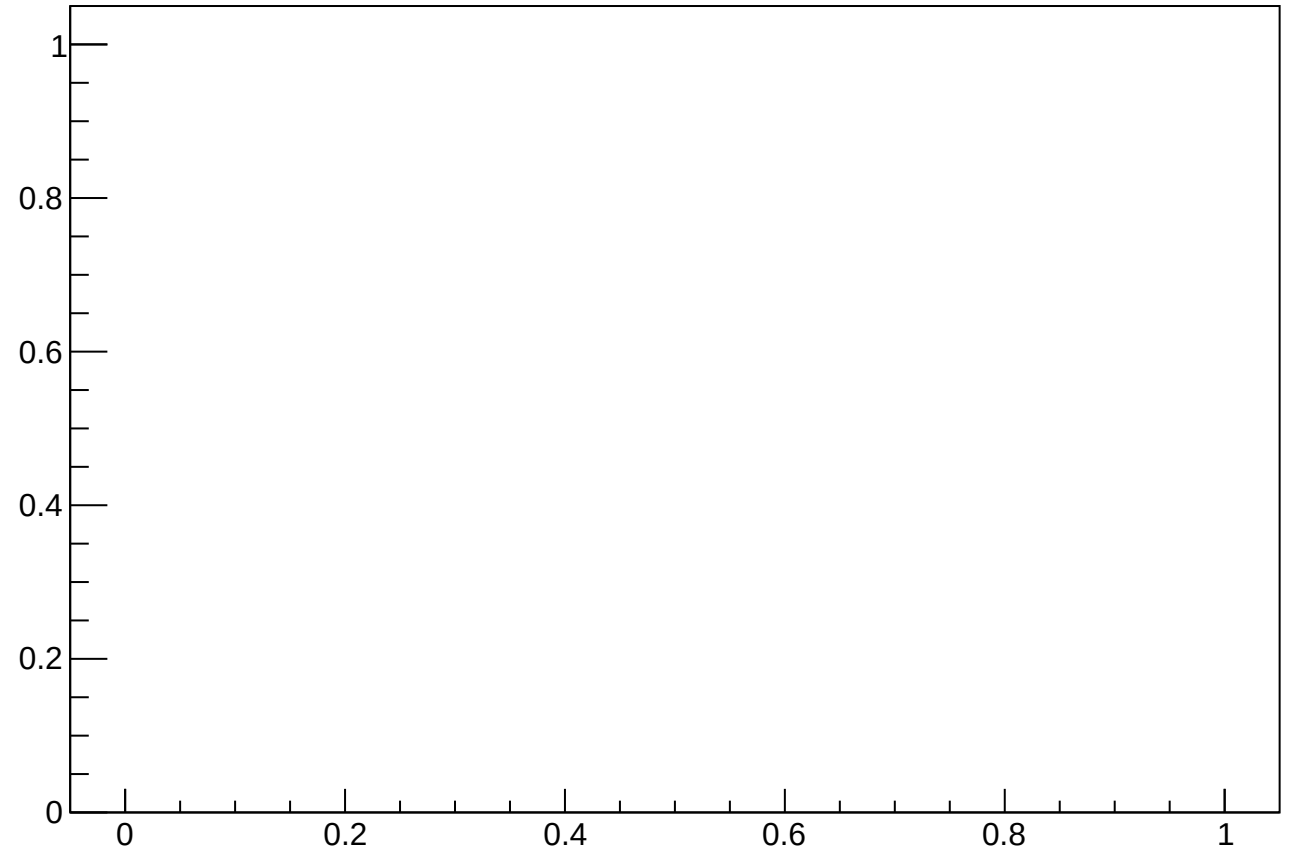
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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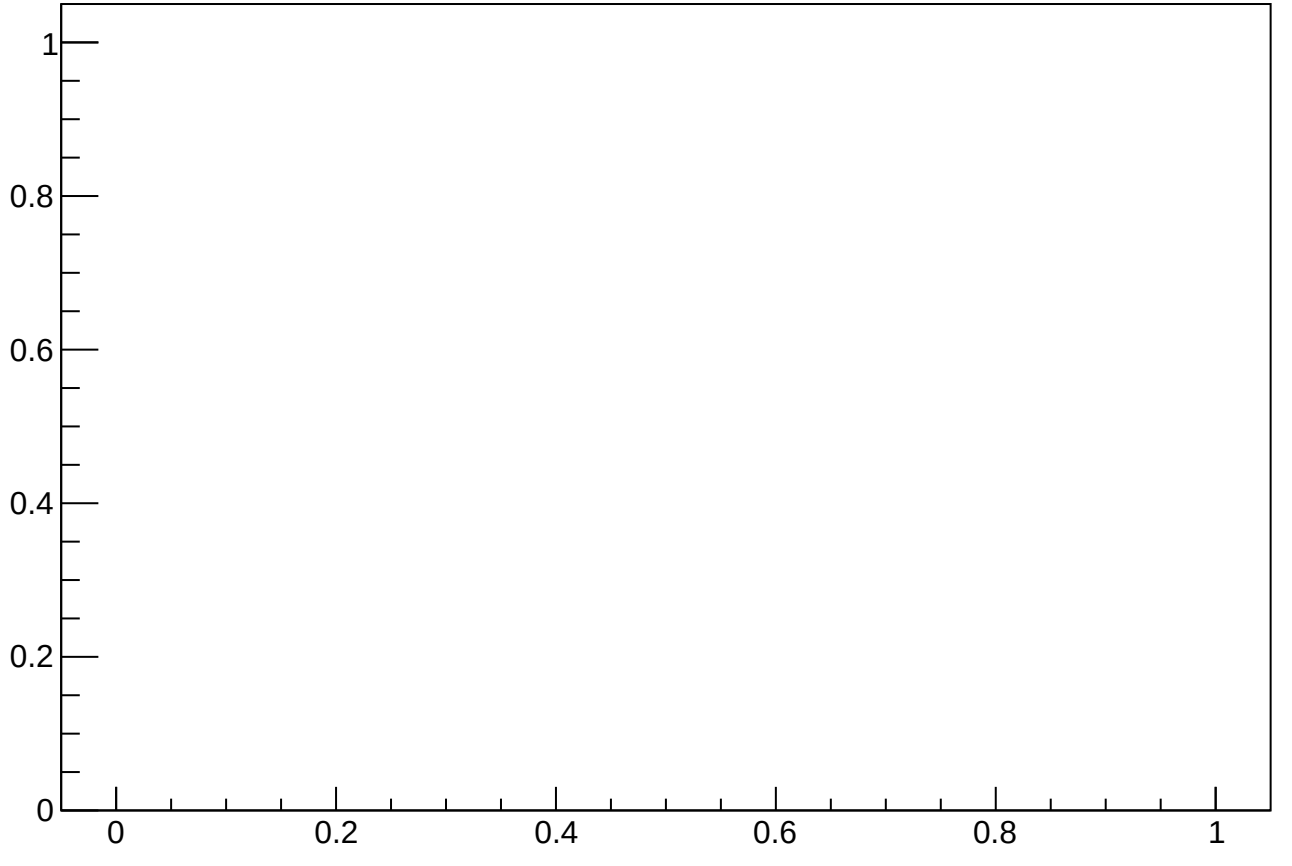
dit_4aX_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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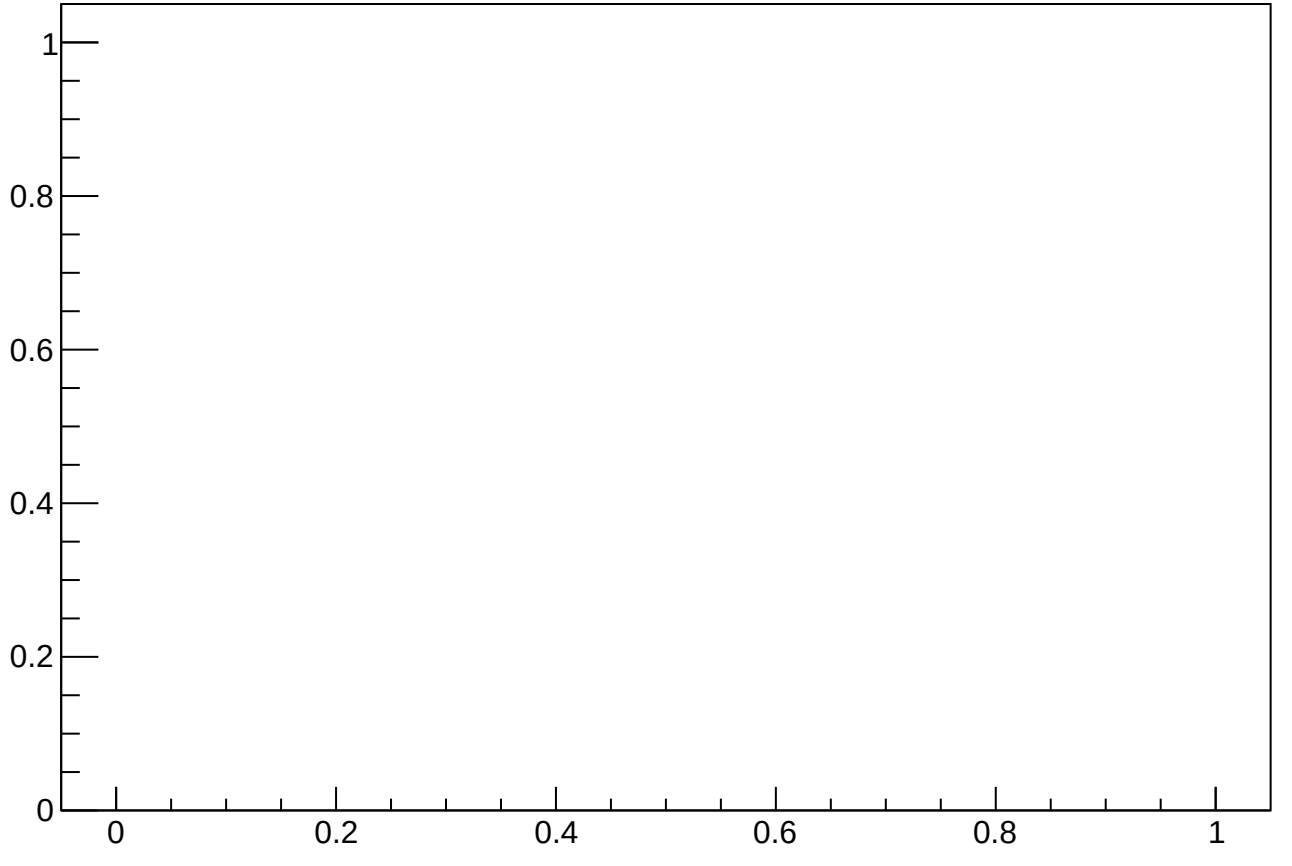
dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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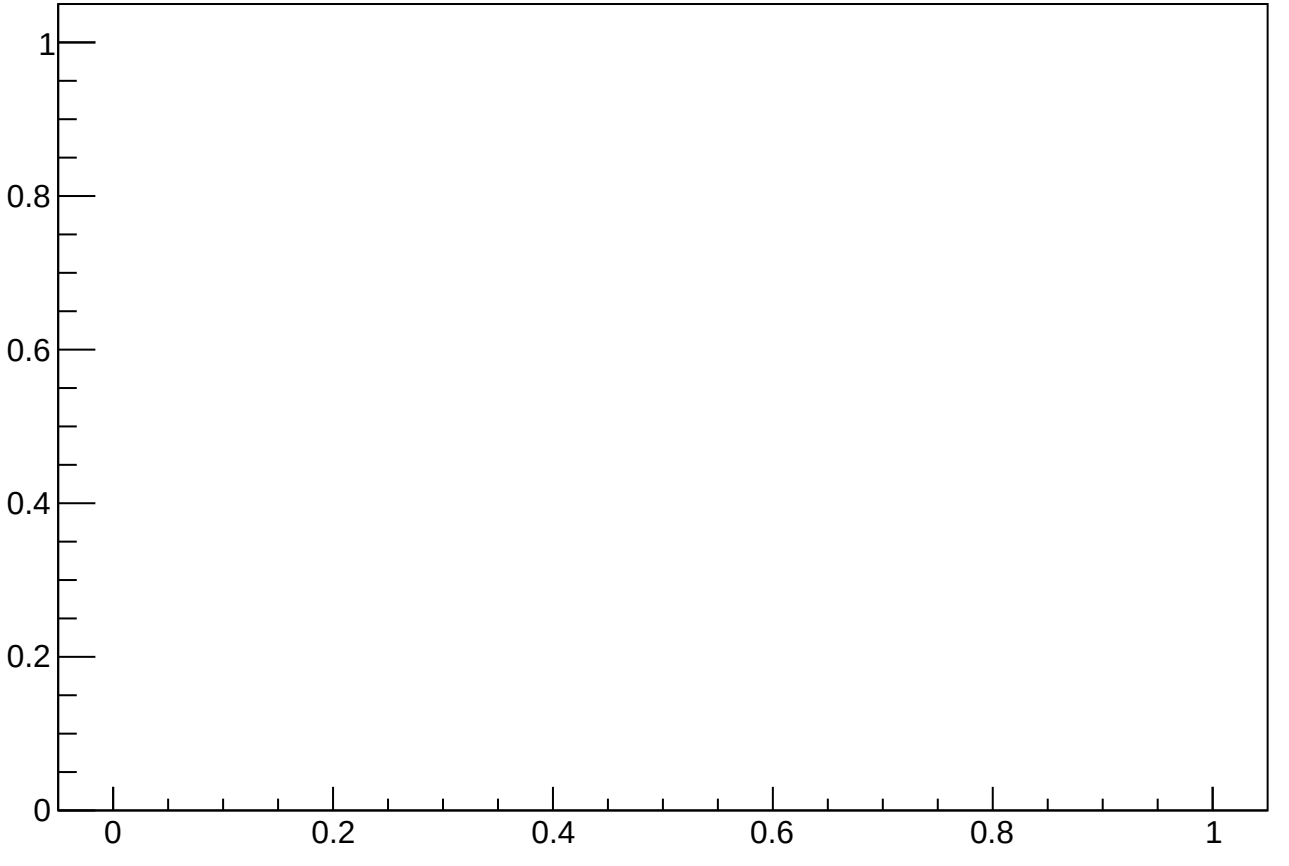
dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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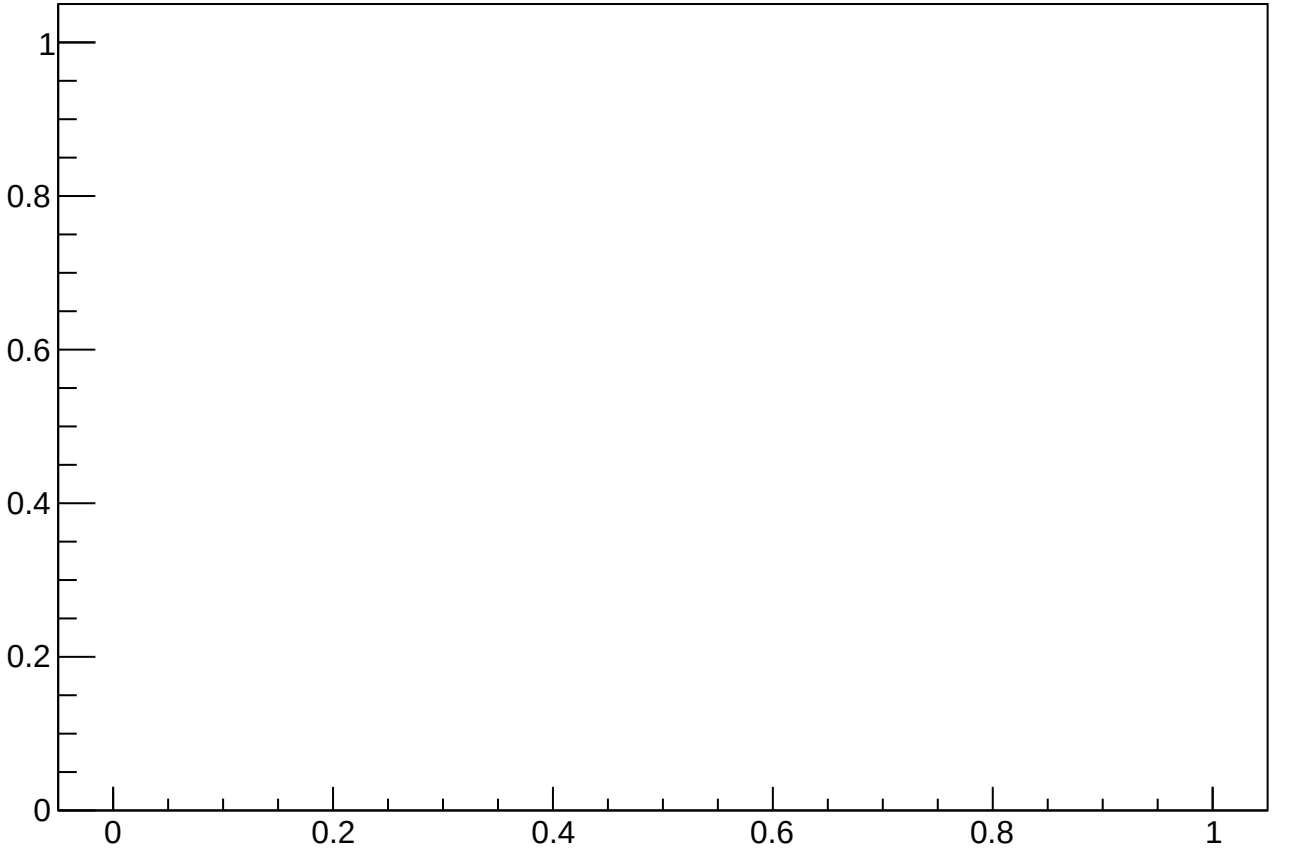
dit_4eX_coil7_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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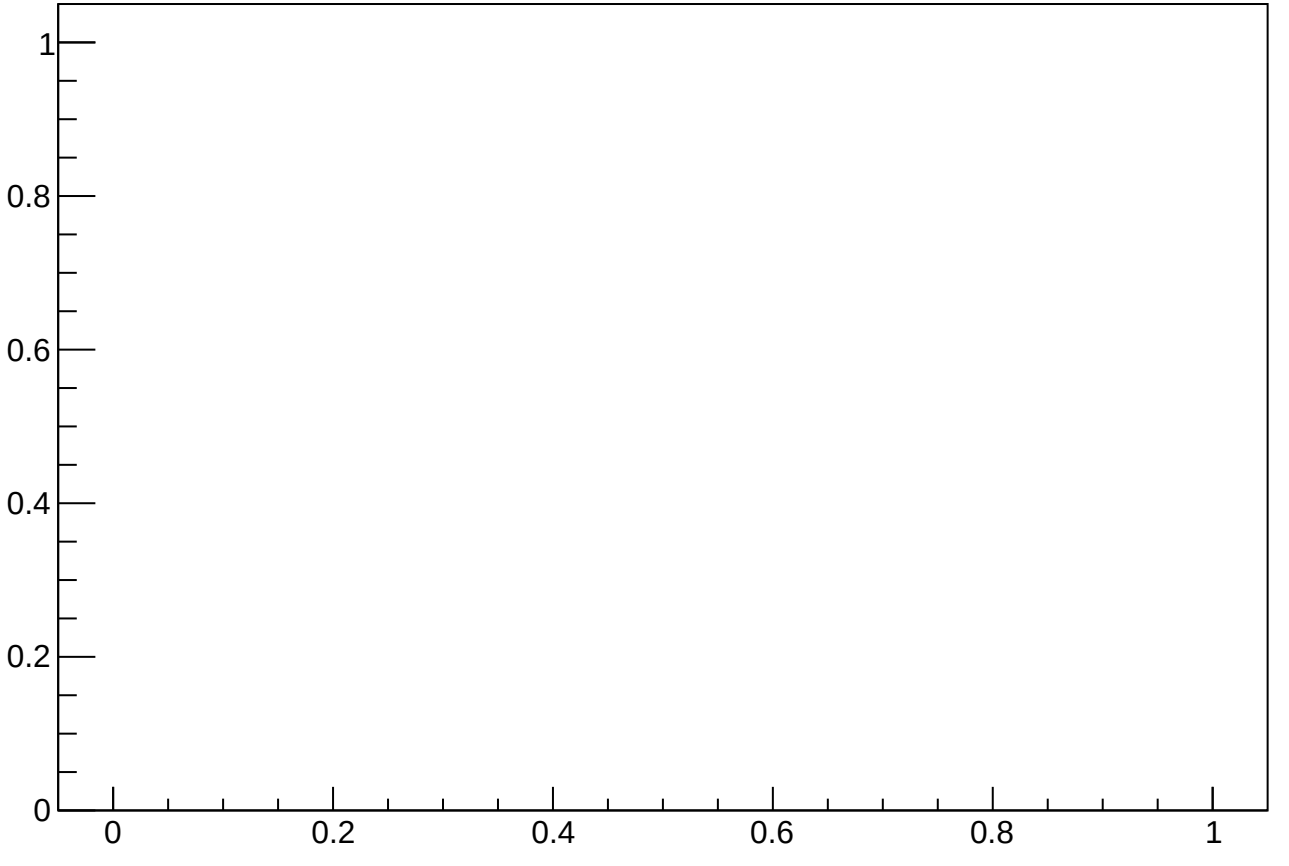
dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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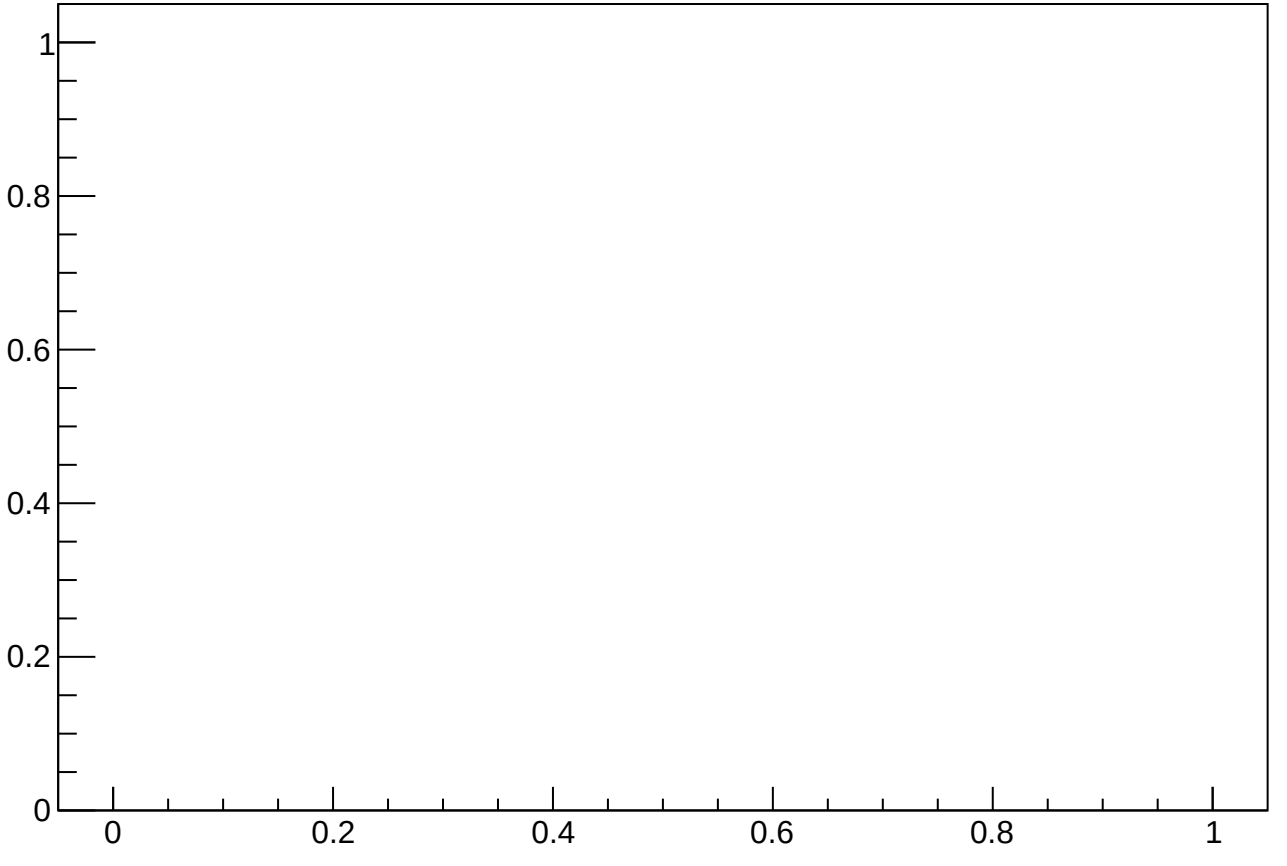
dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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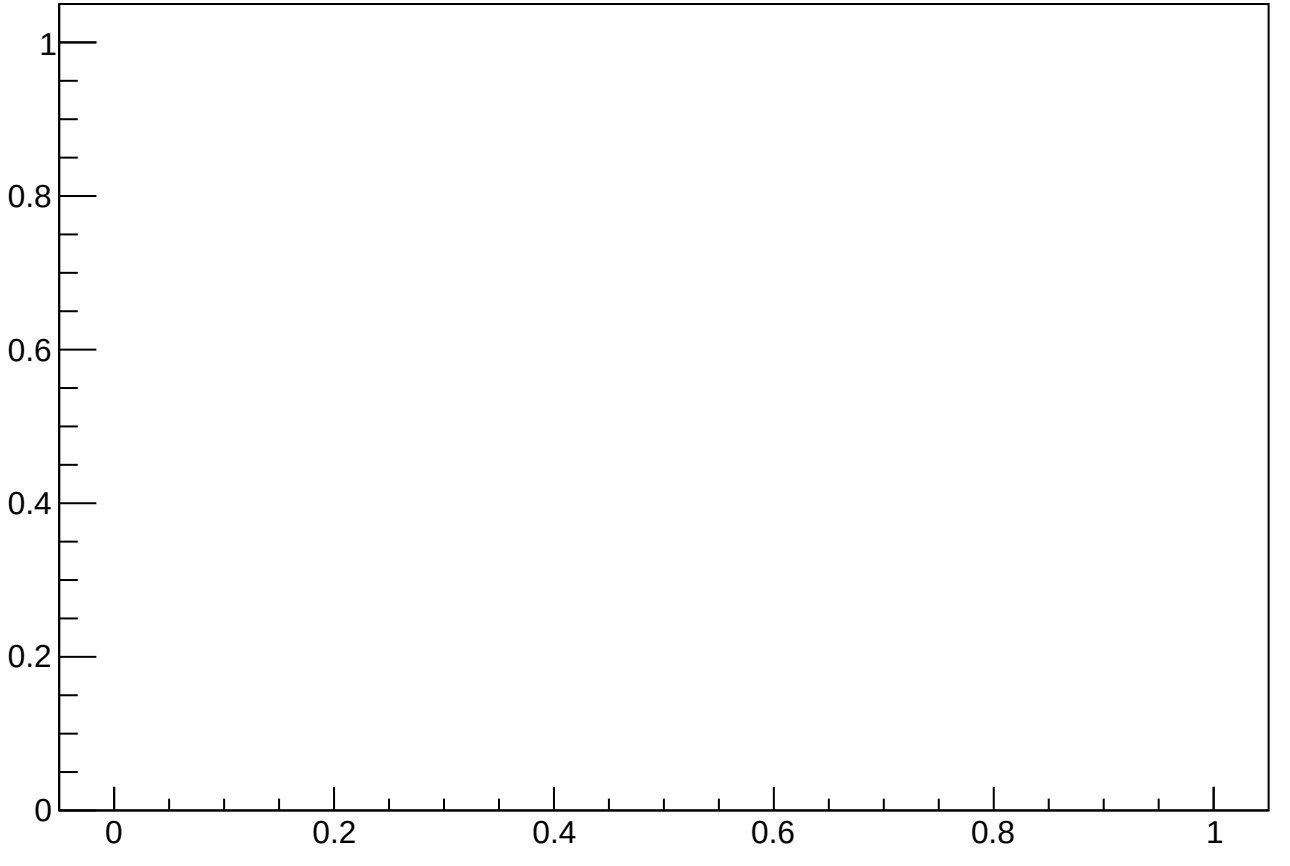
dit_11X12X_coil7_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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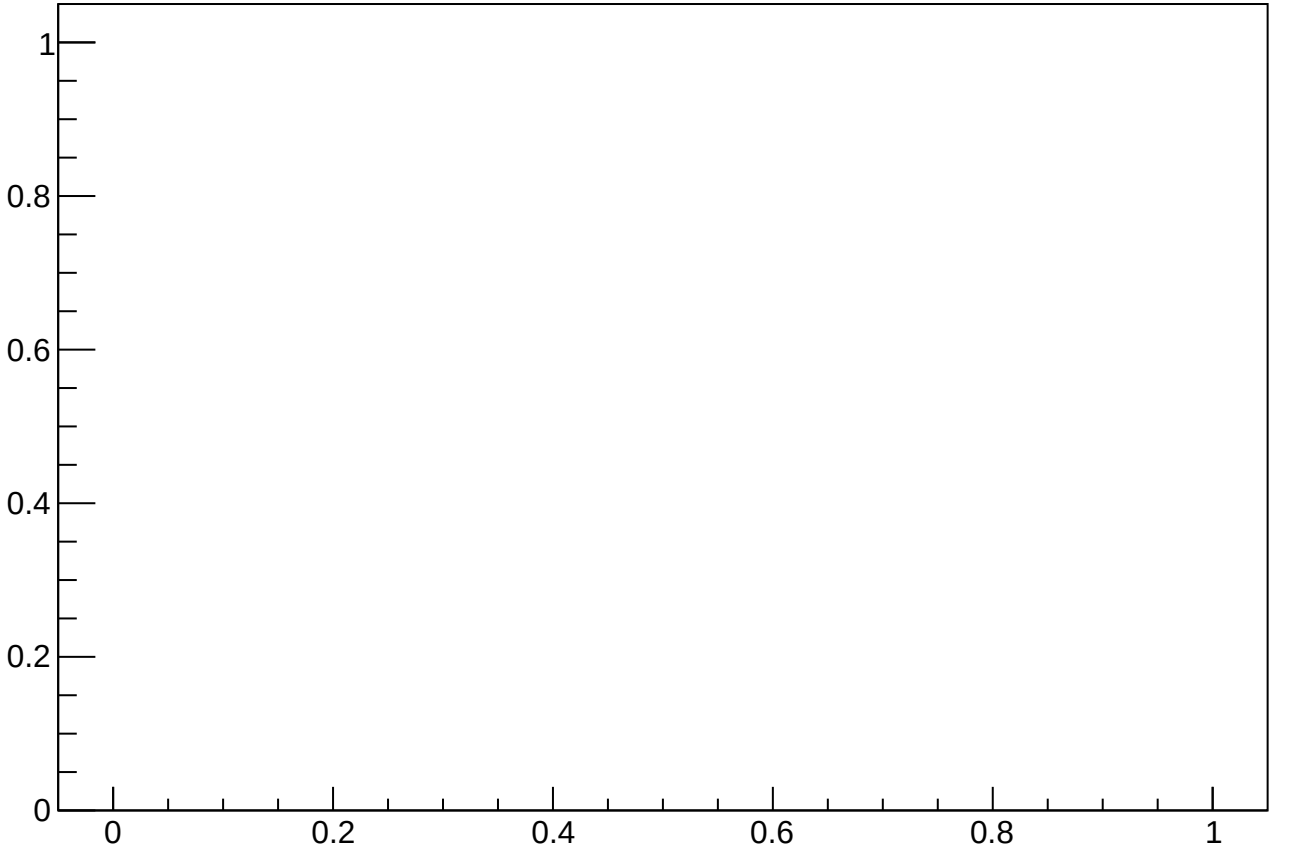
dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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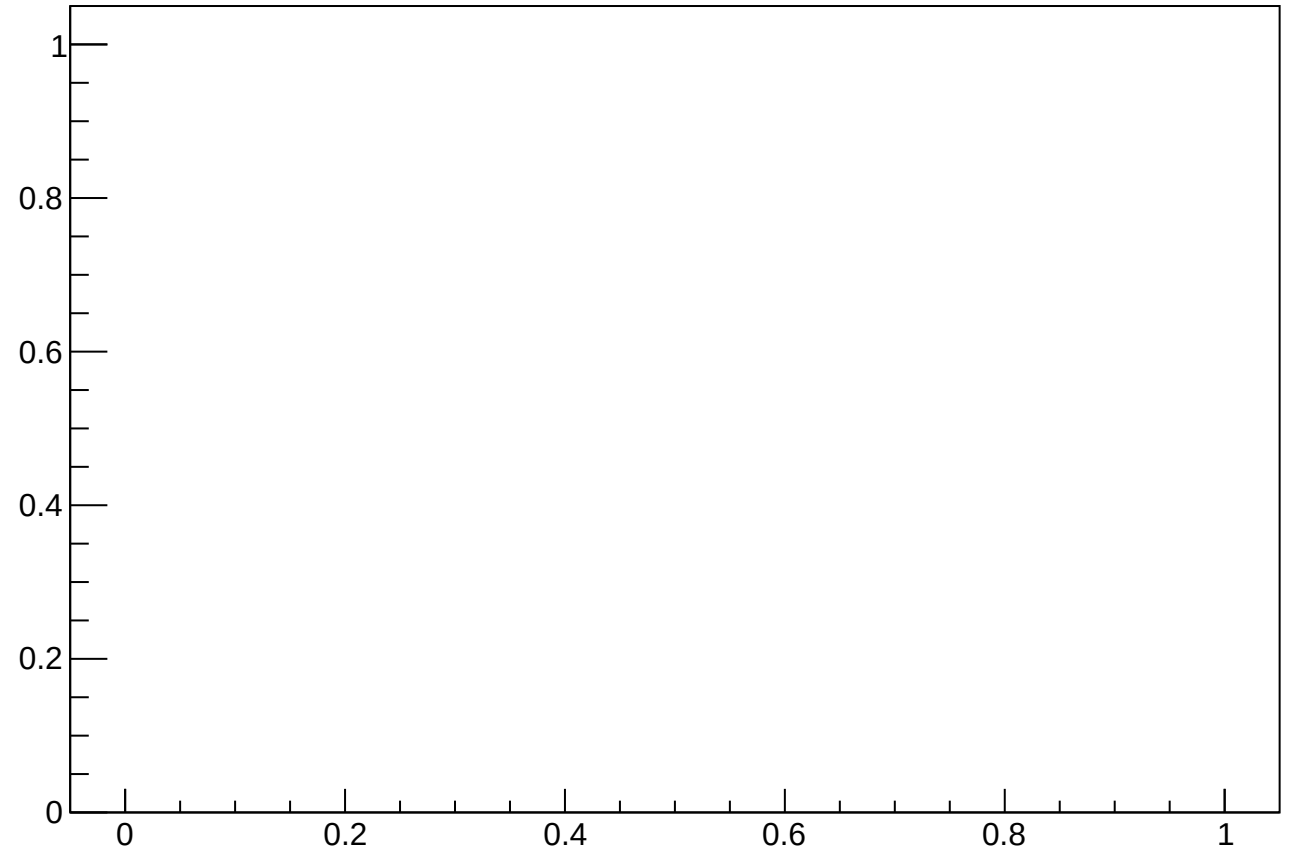

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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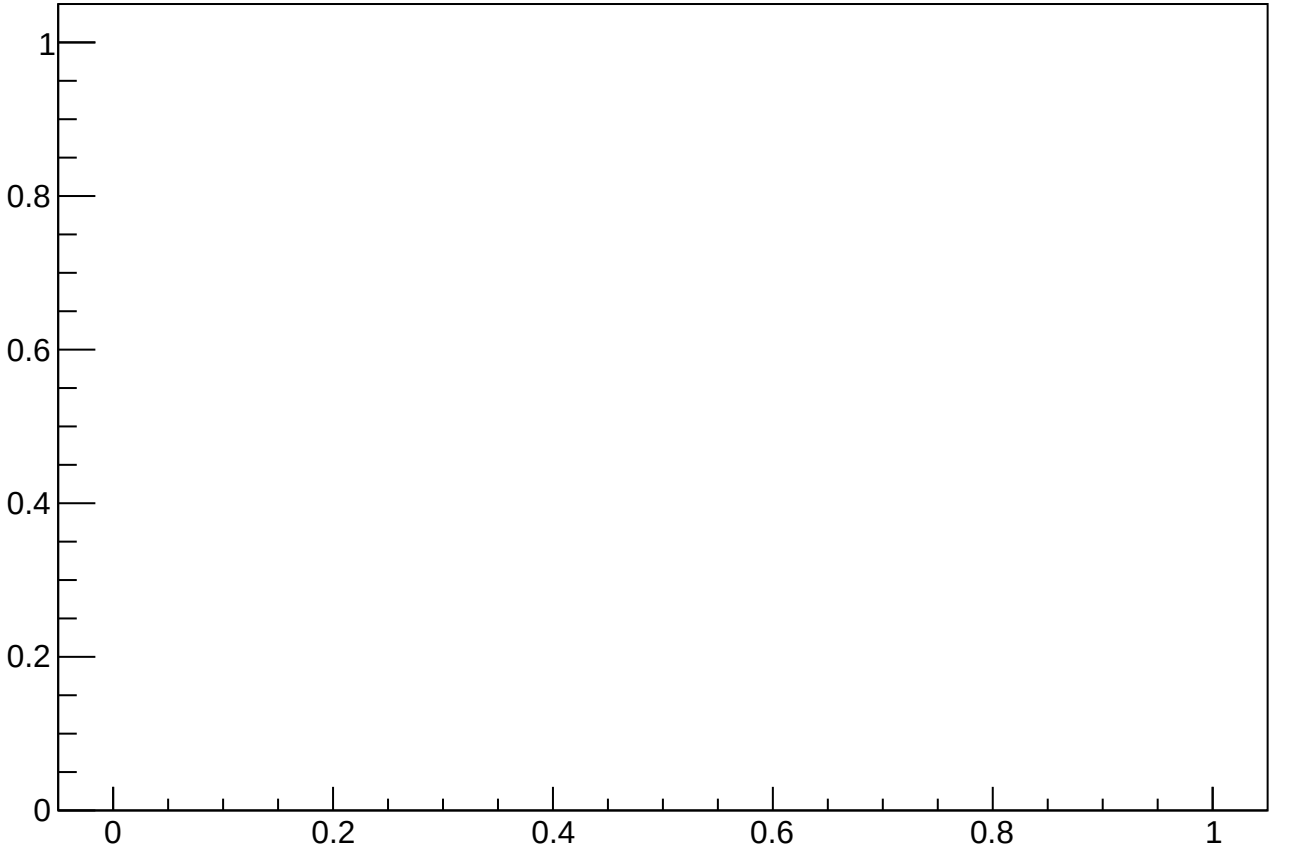
dit_4aY_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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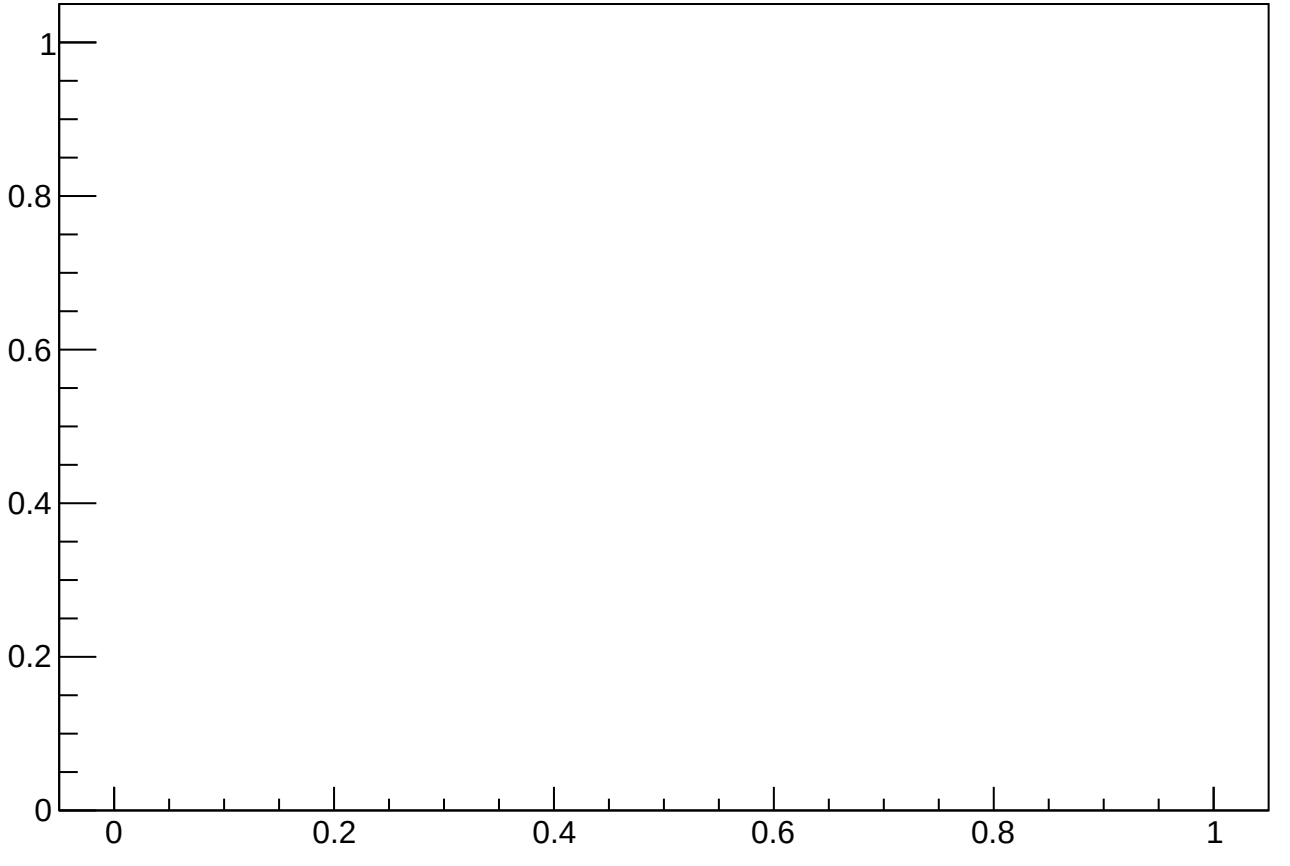
dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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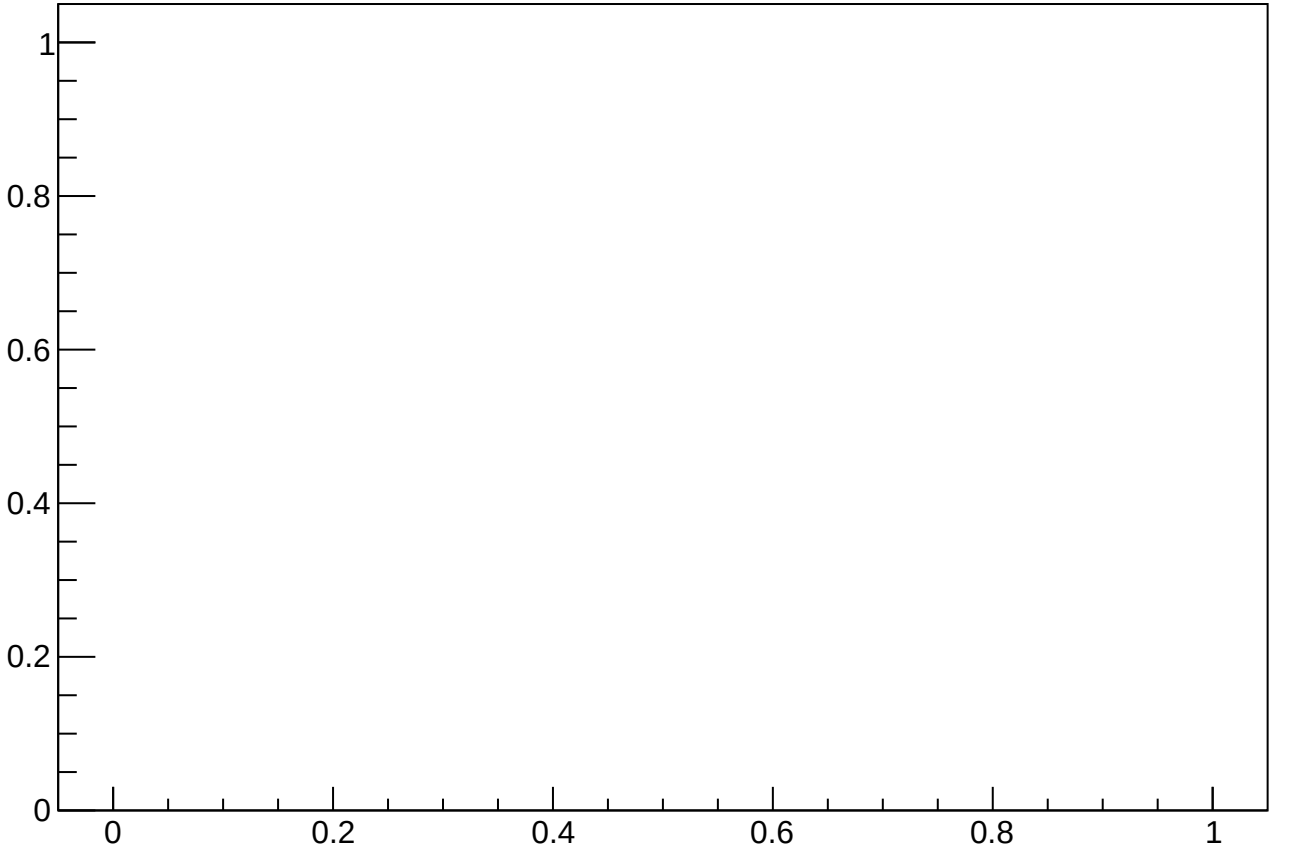
dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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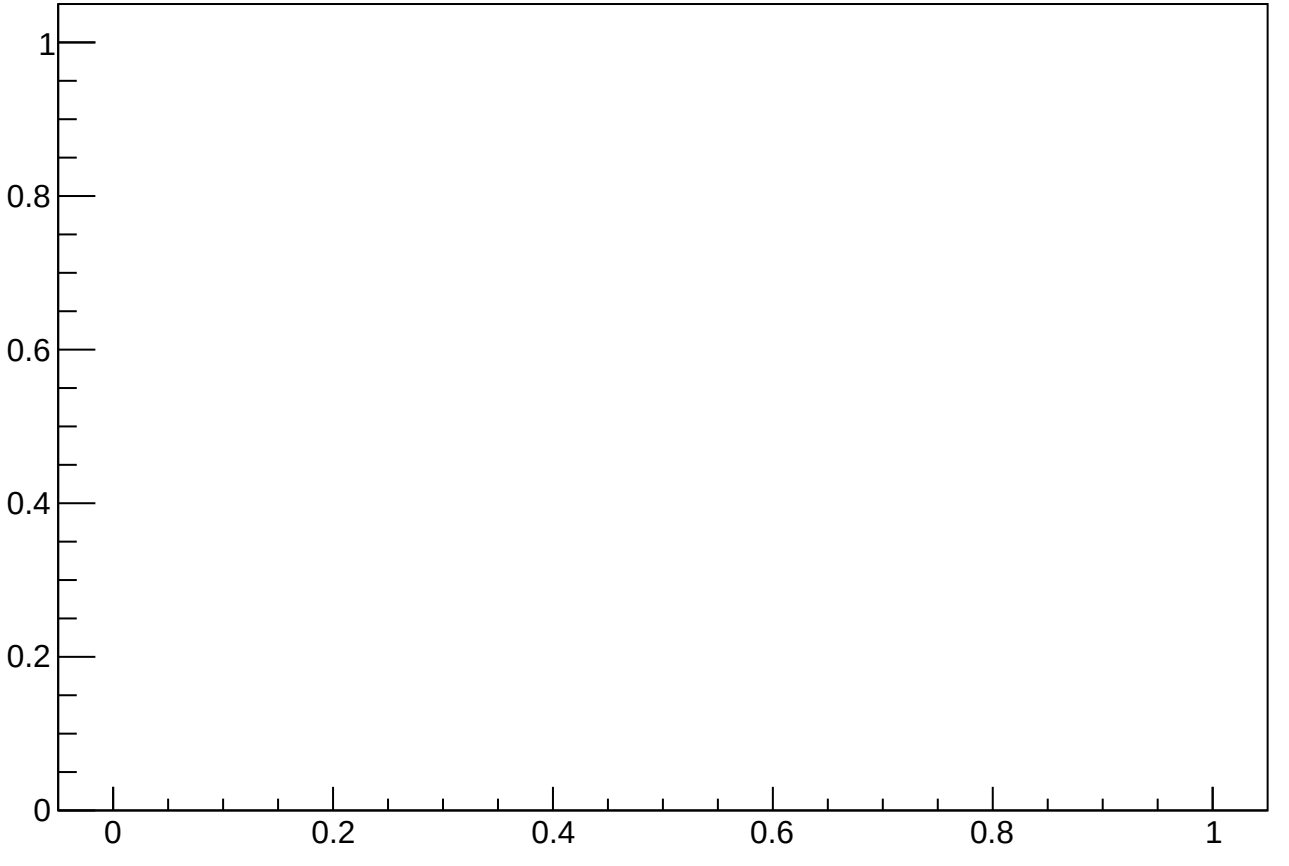
dit_4eY_coil7_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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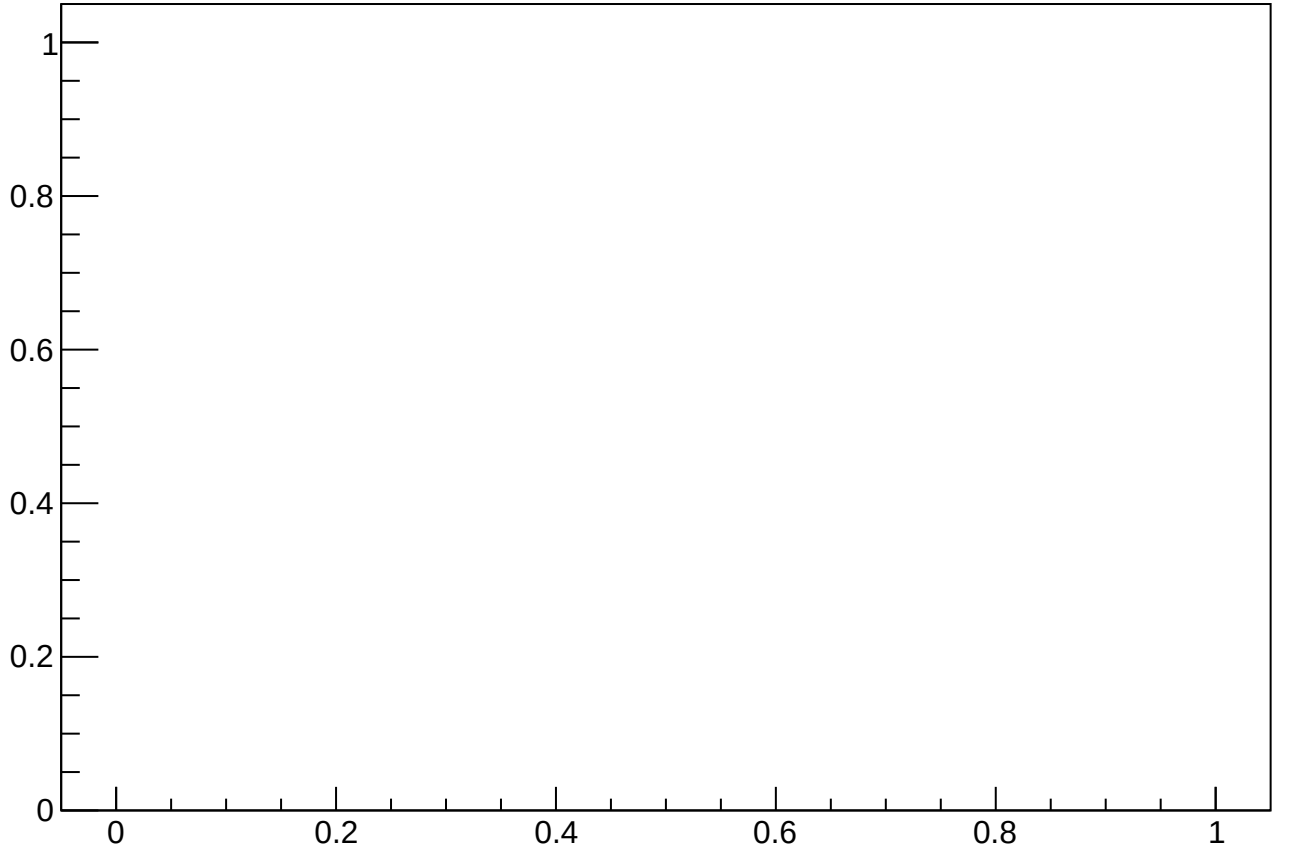
dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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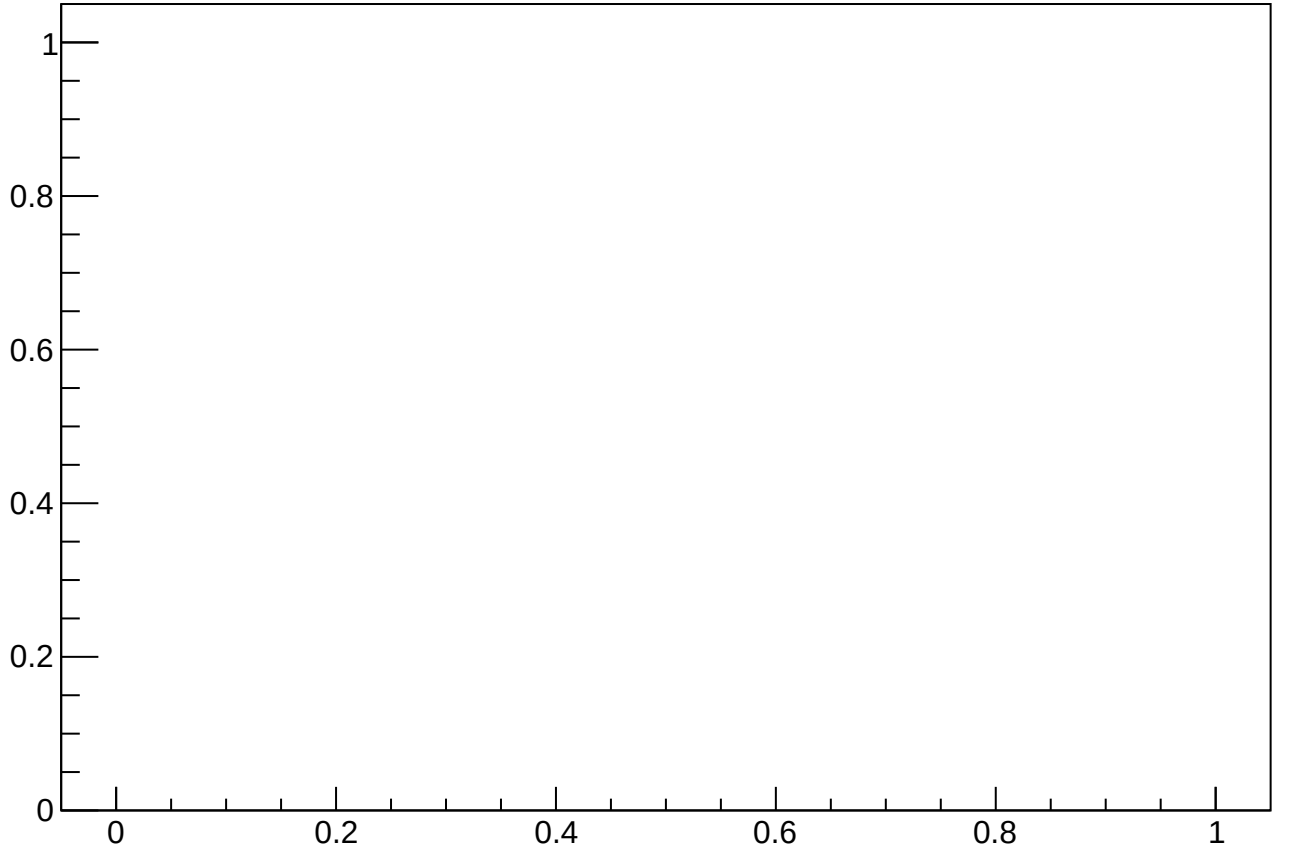
dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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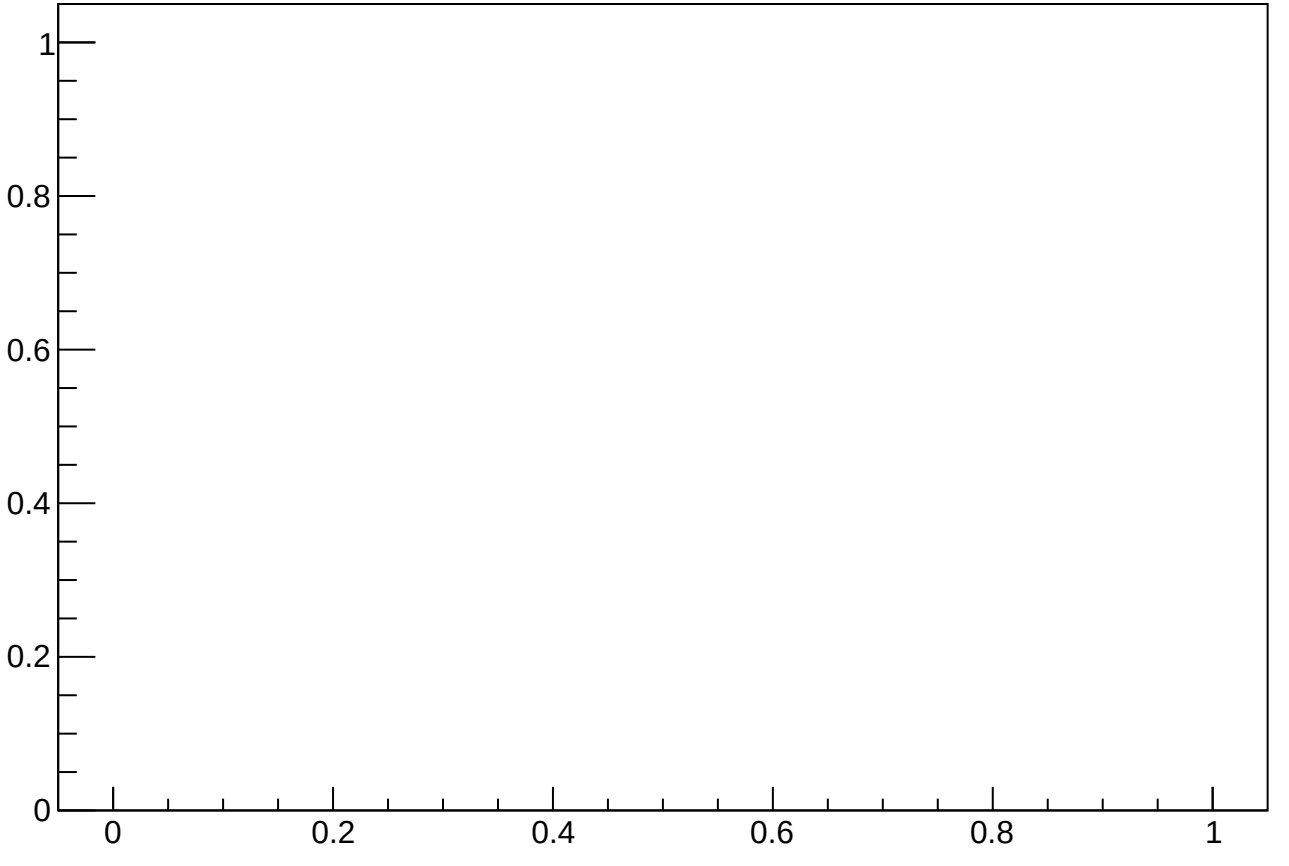
dit_usl_coil7_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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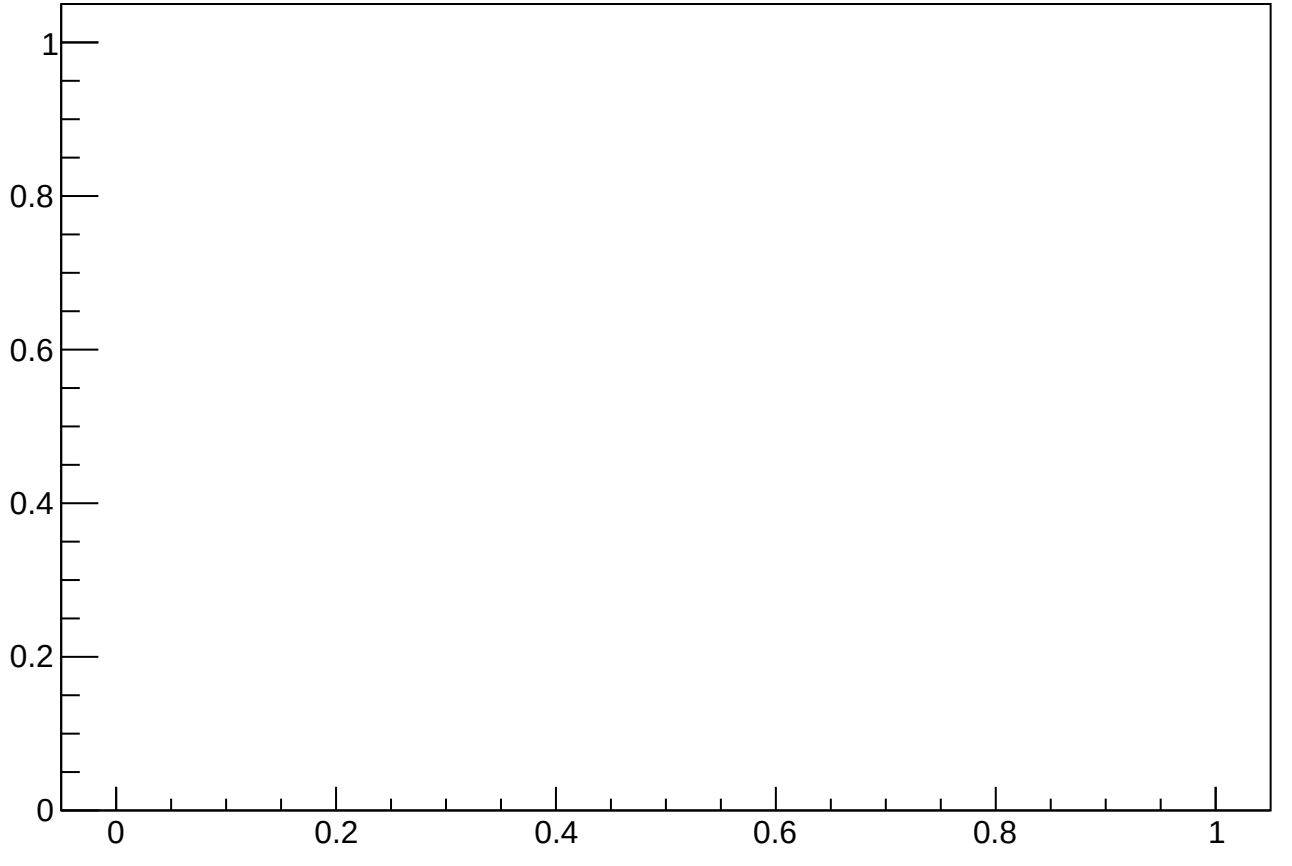
dit_usl_coil7_err_mean vs Slug, Sign Corrected



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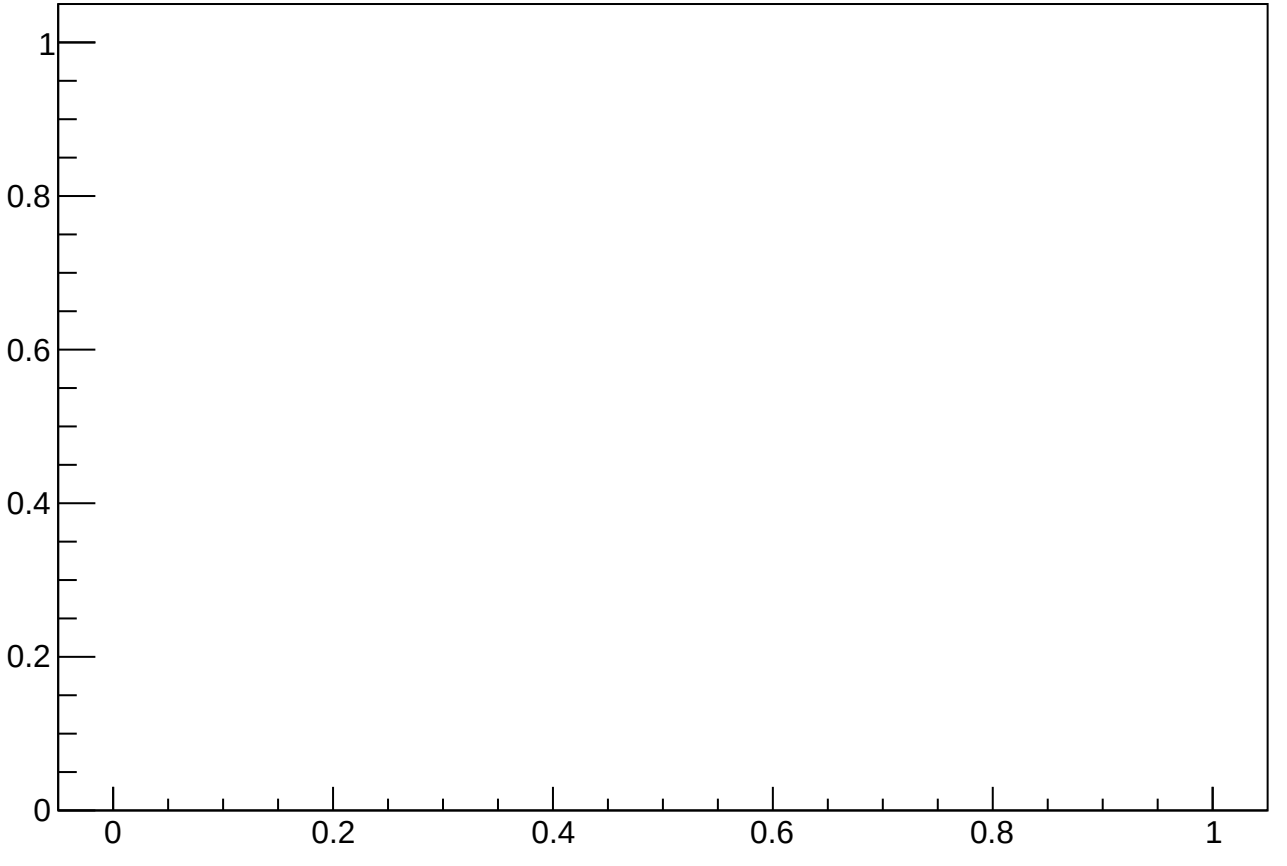
dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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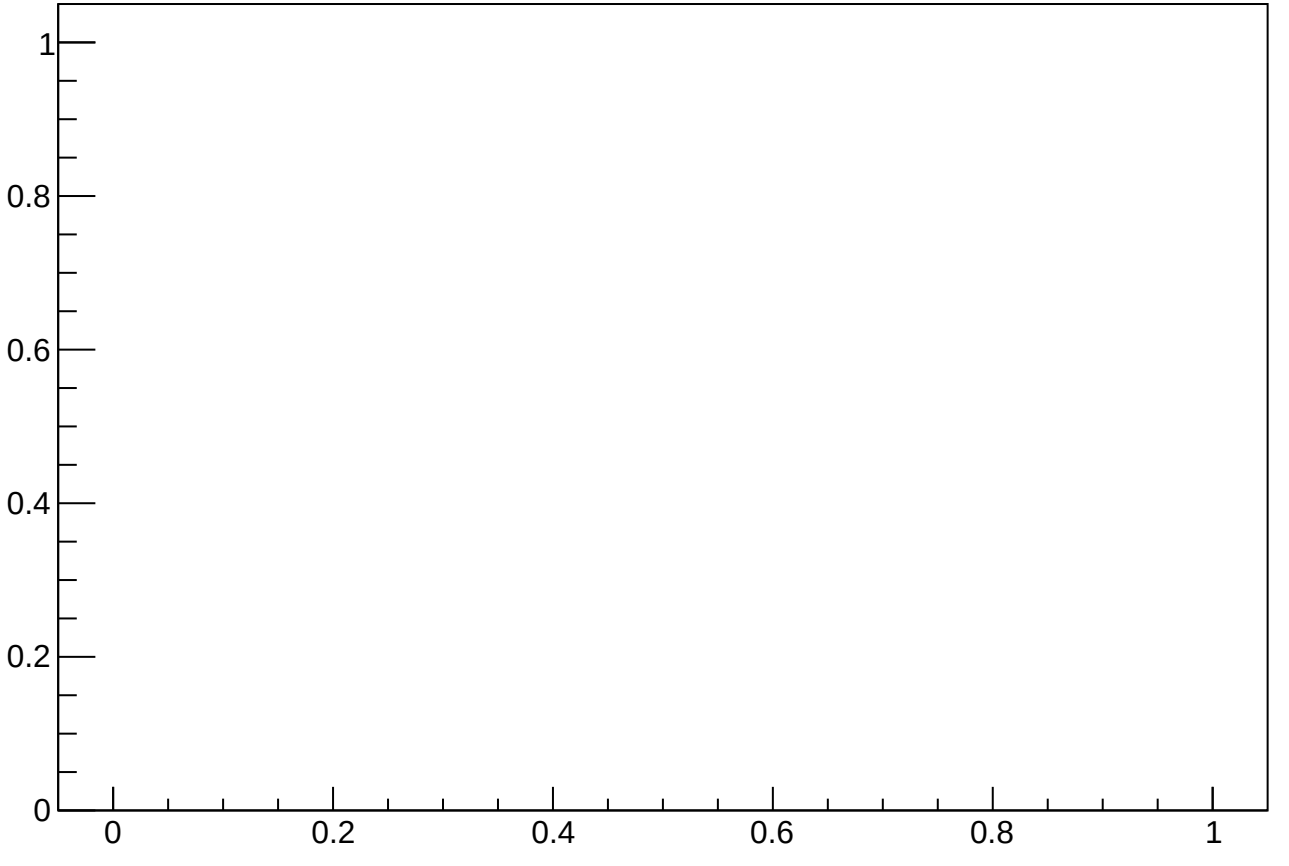
dit_usr_coil7_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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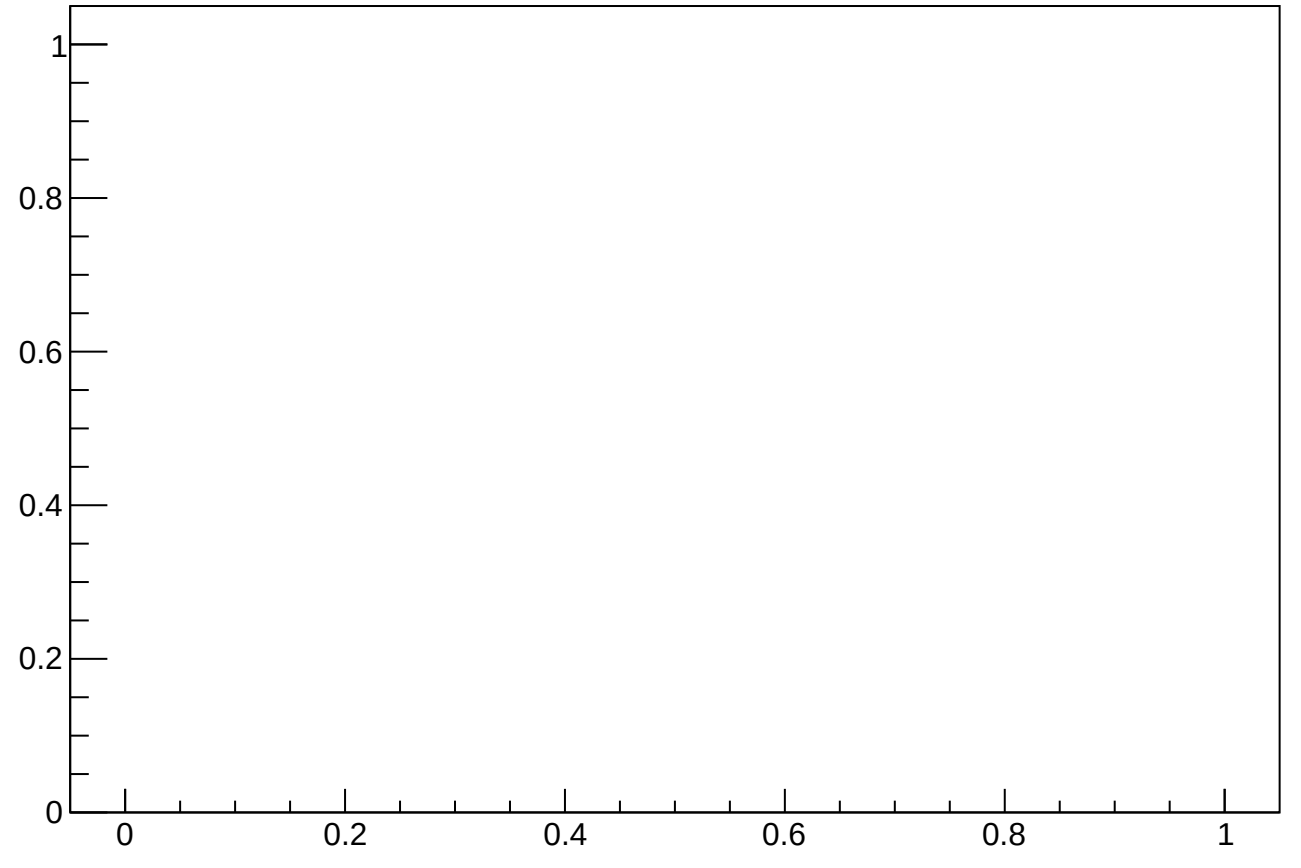

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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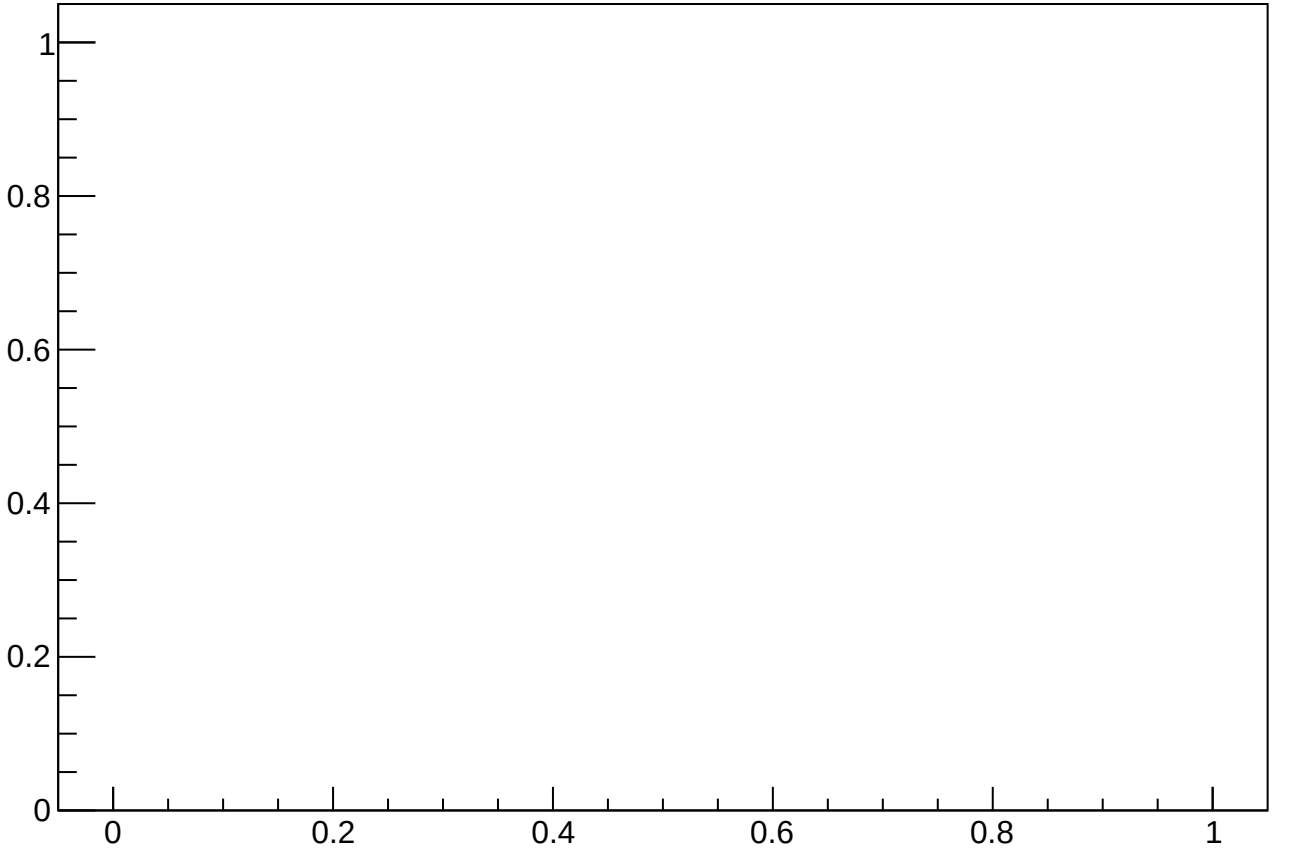
dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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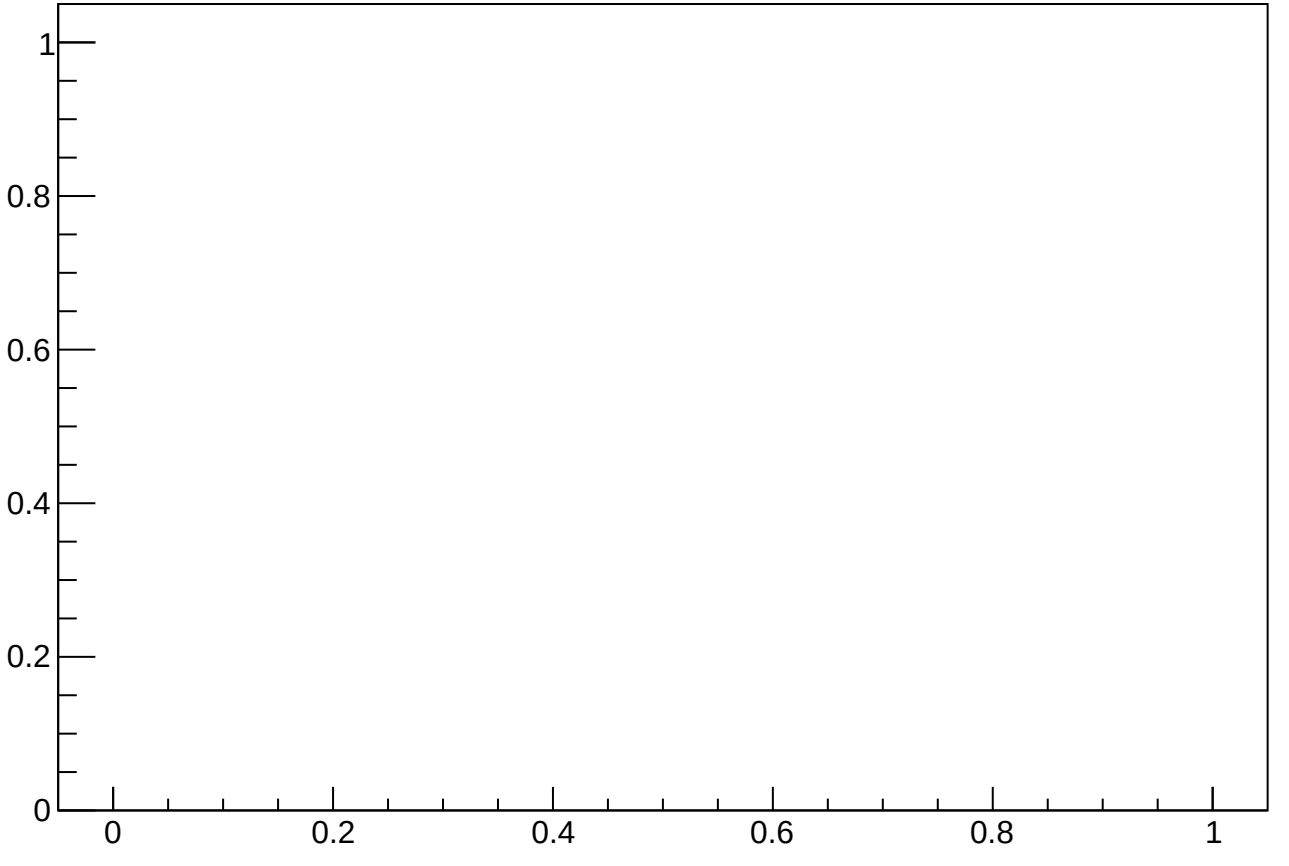
dit_atl1_coil7_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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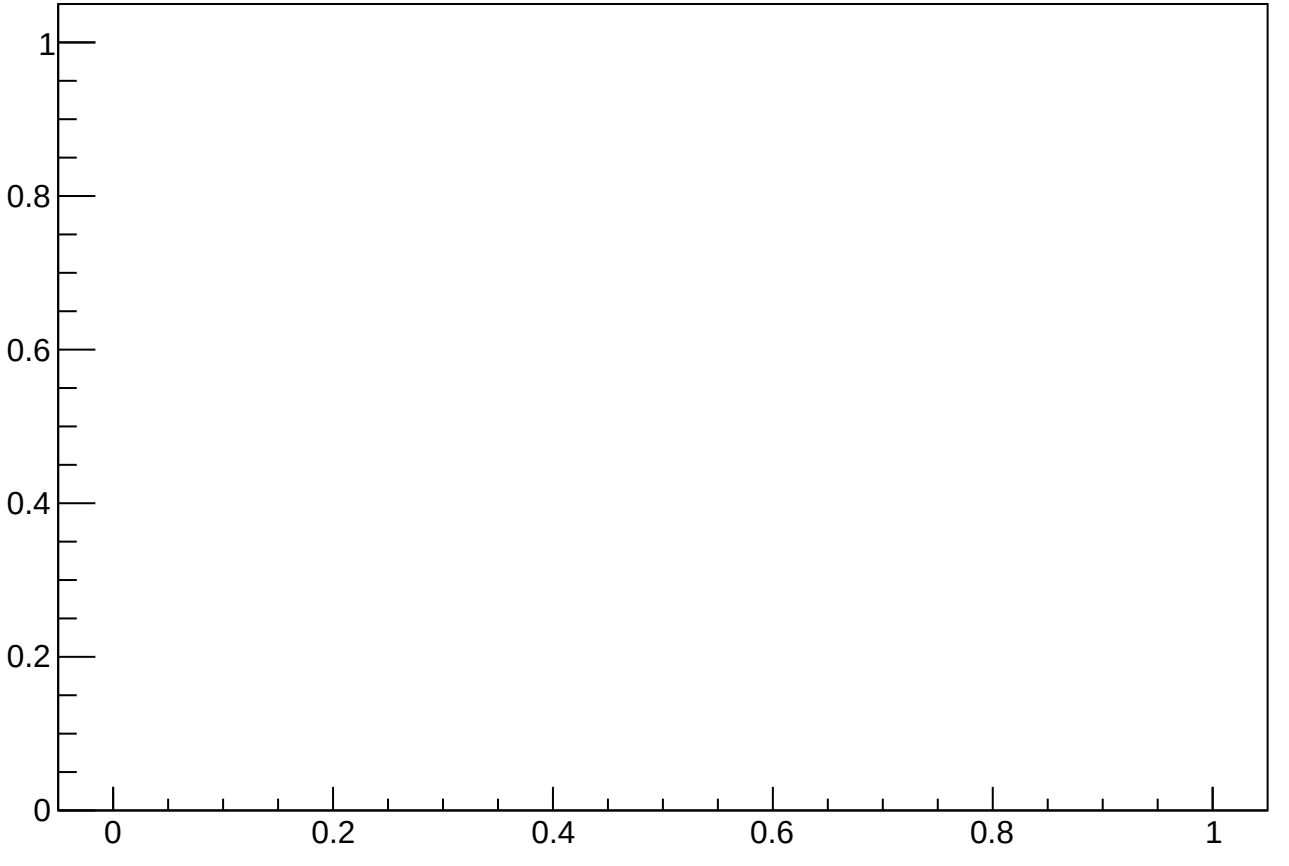
dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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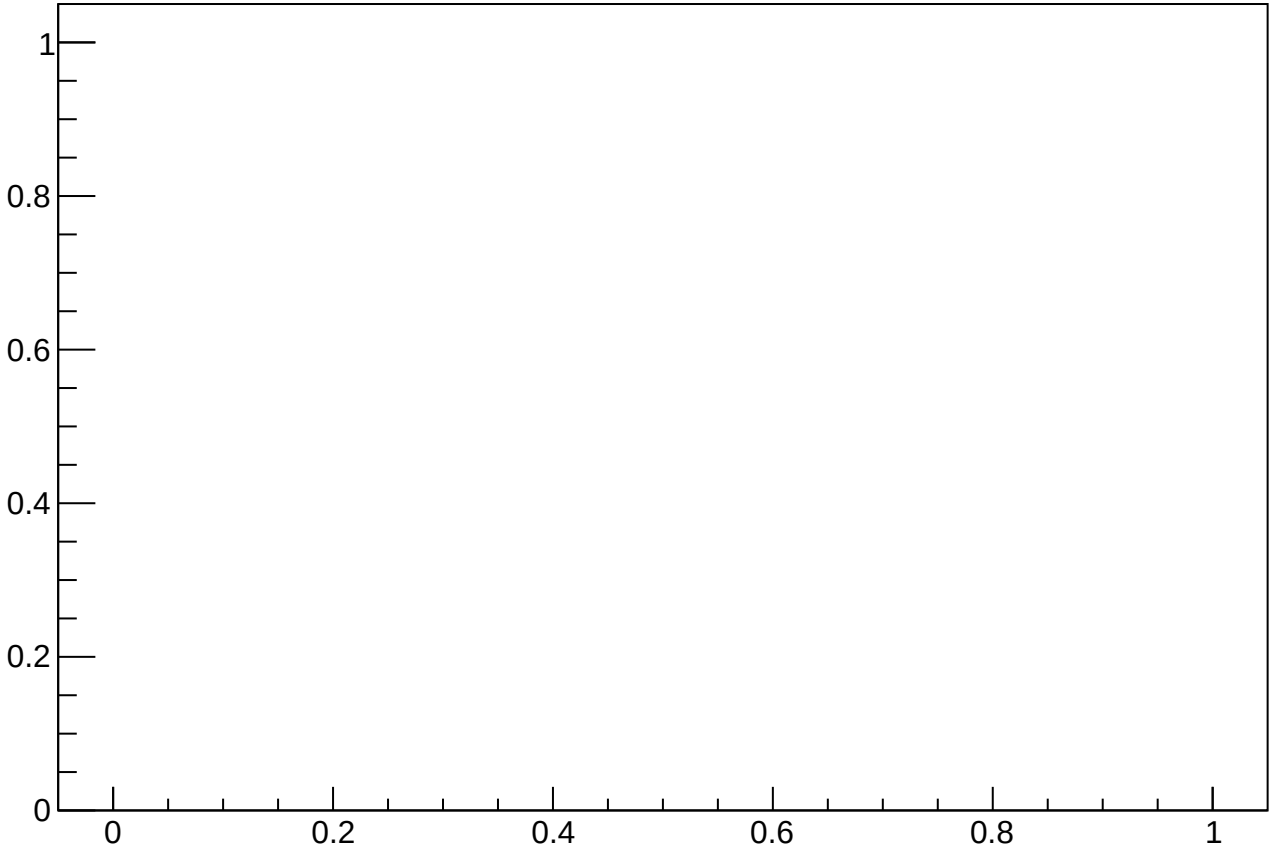
dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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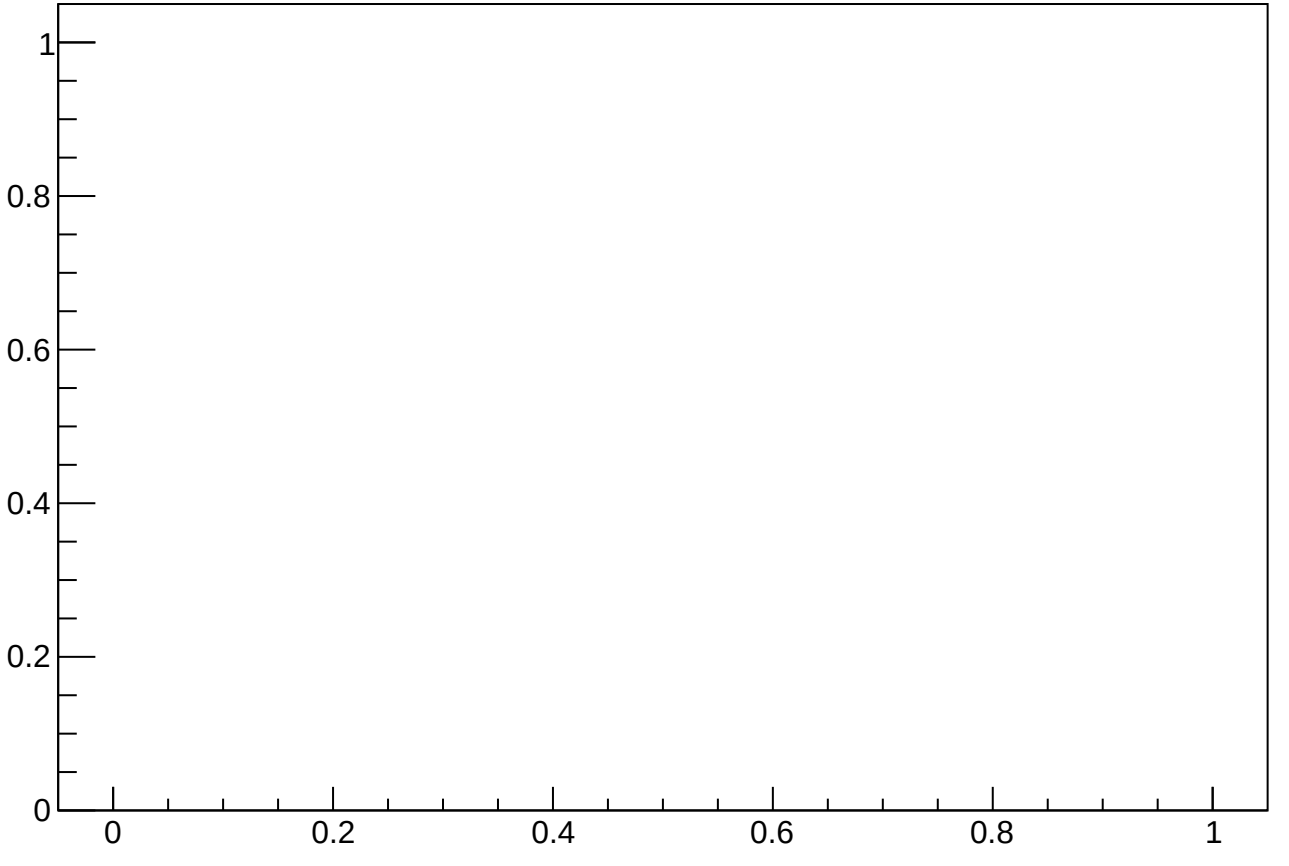
dit_atl2_coil7_mean vs Slug, Sign Corrected



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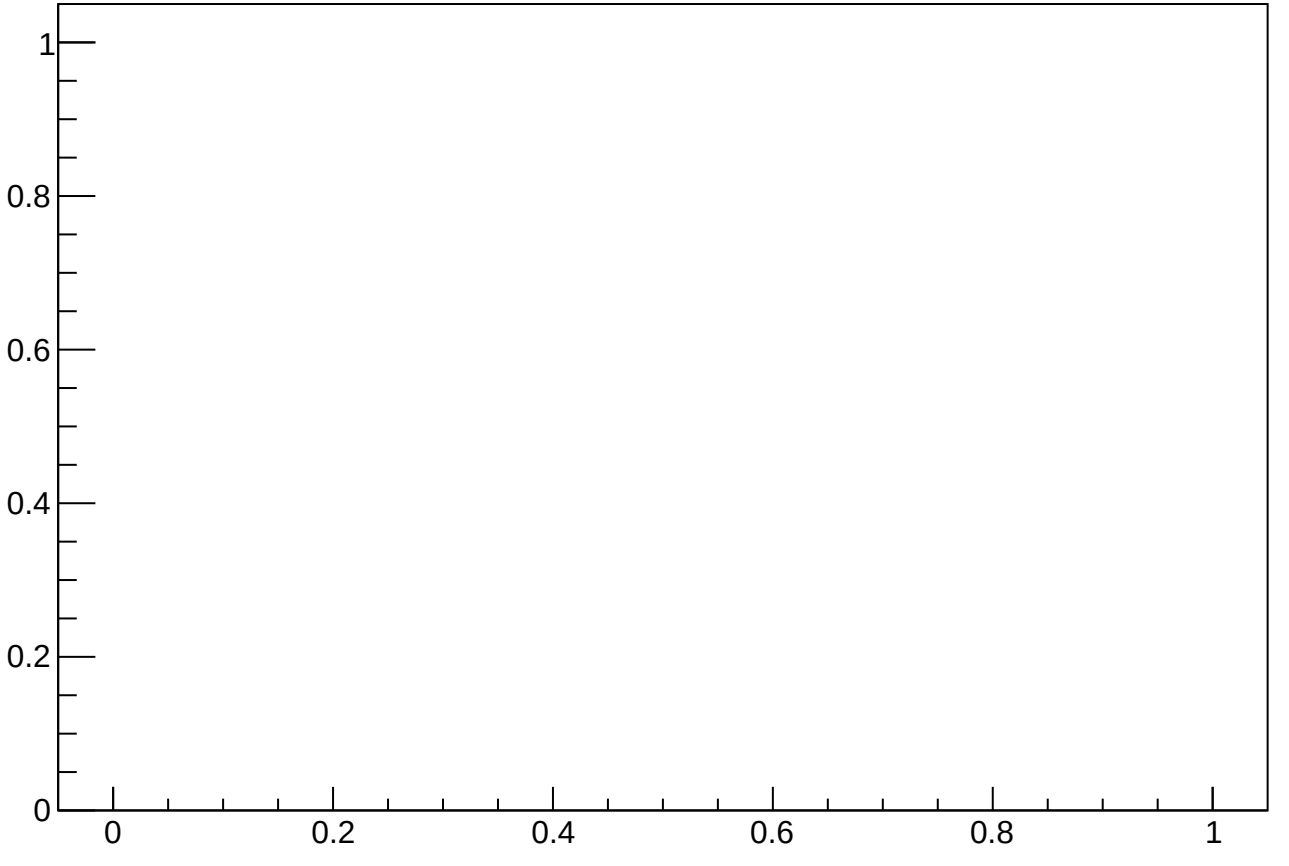
dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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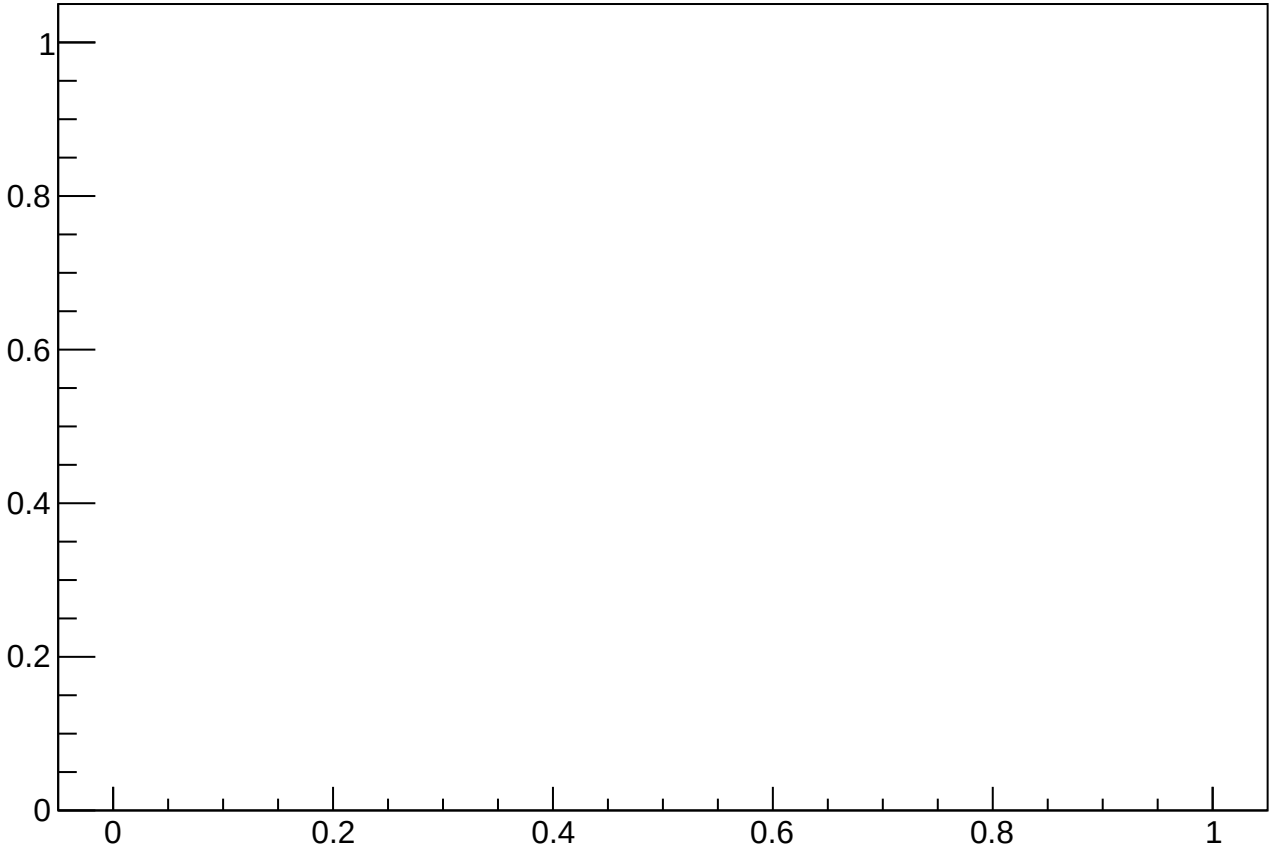
dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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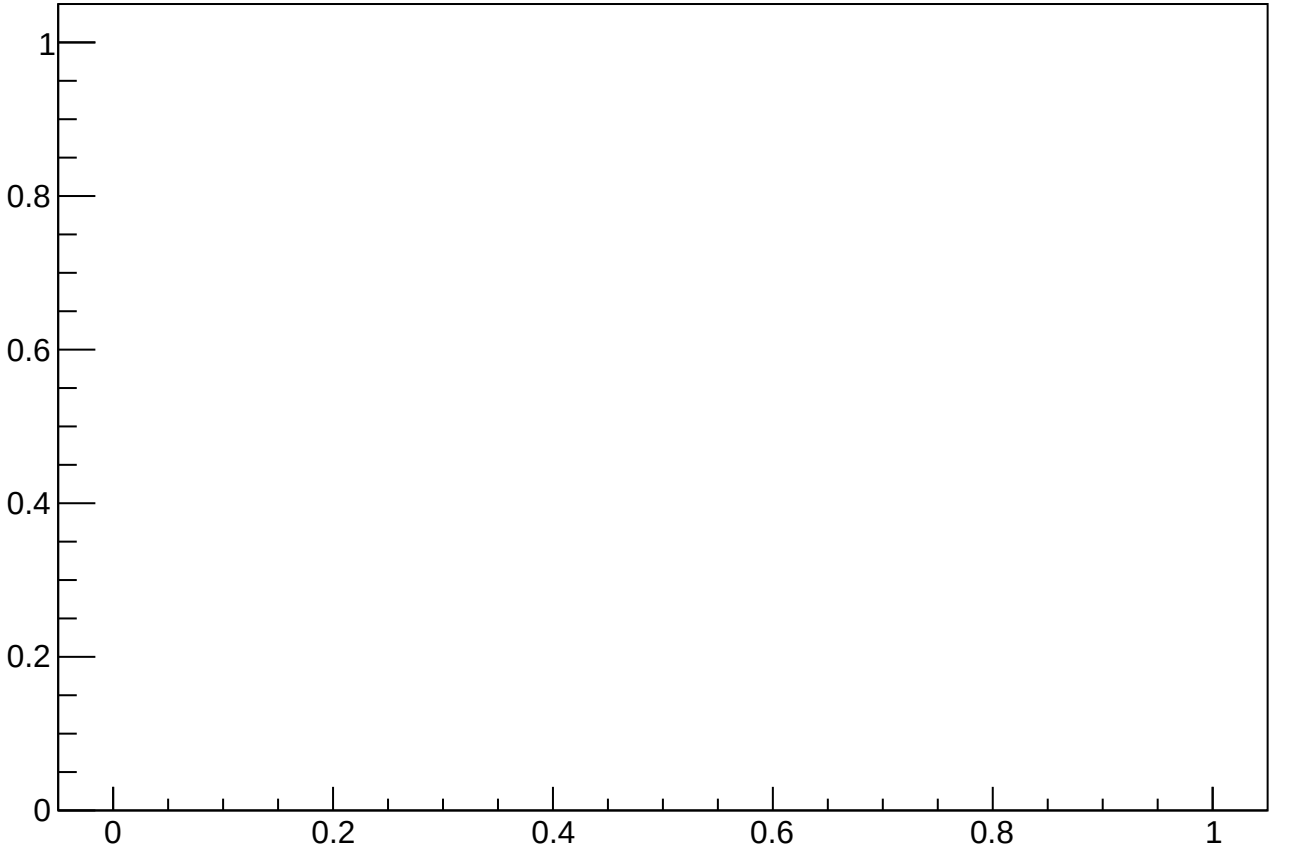
dit_atr1_coil7_mean vs Slug, Sign Corrected



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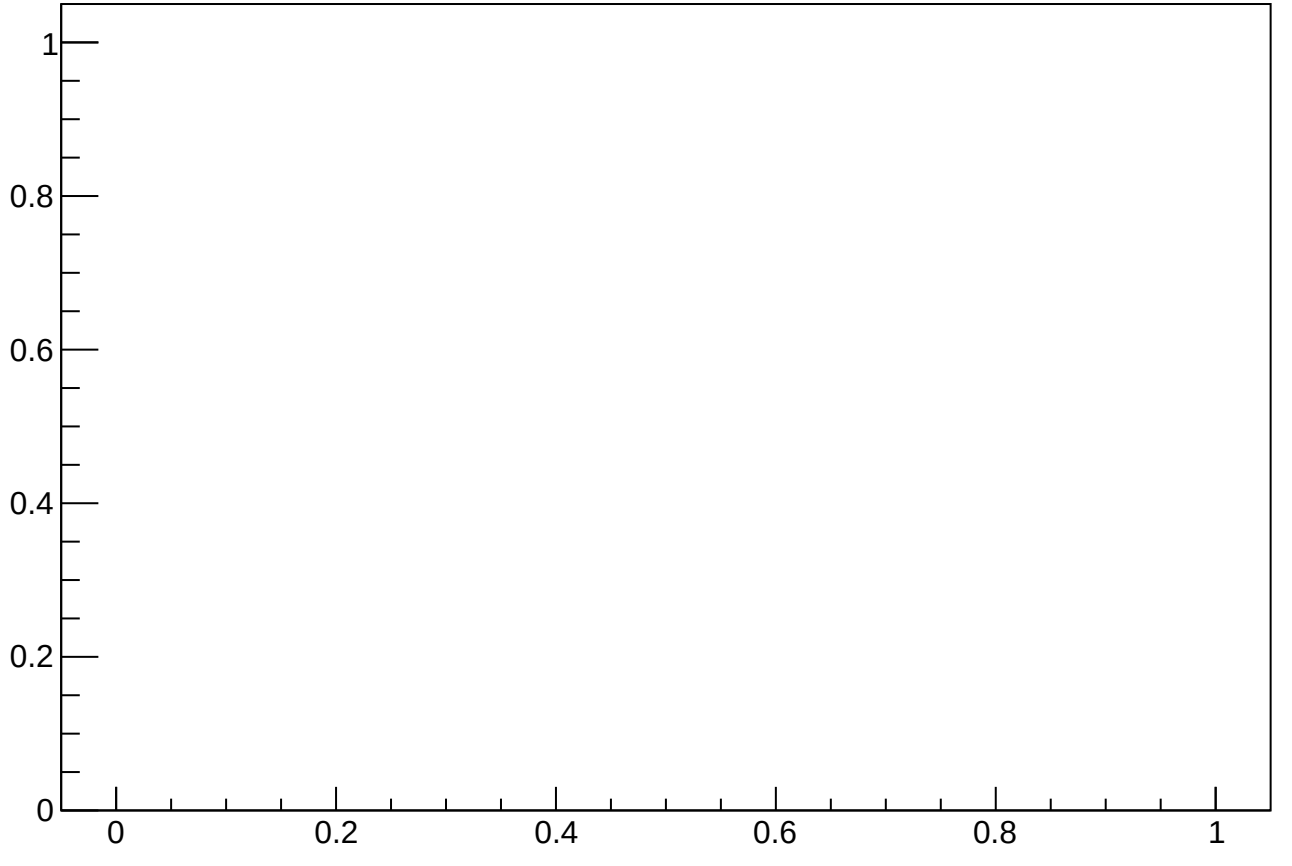
dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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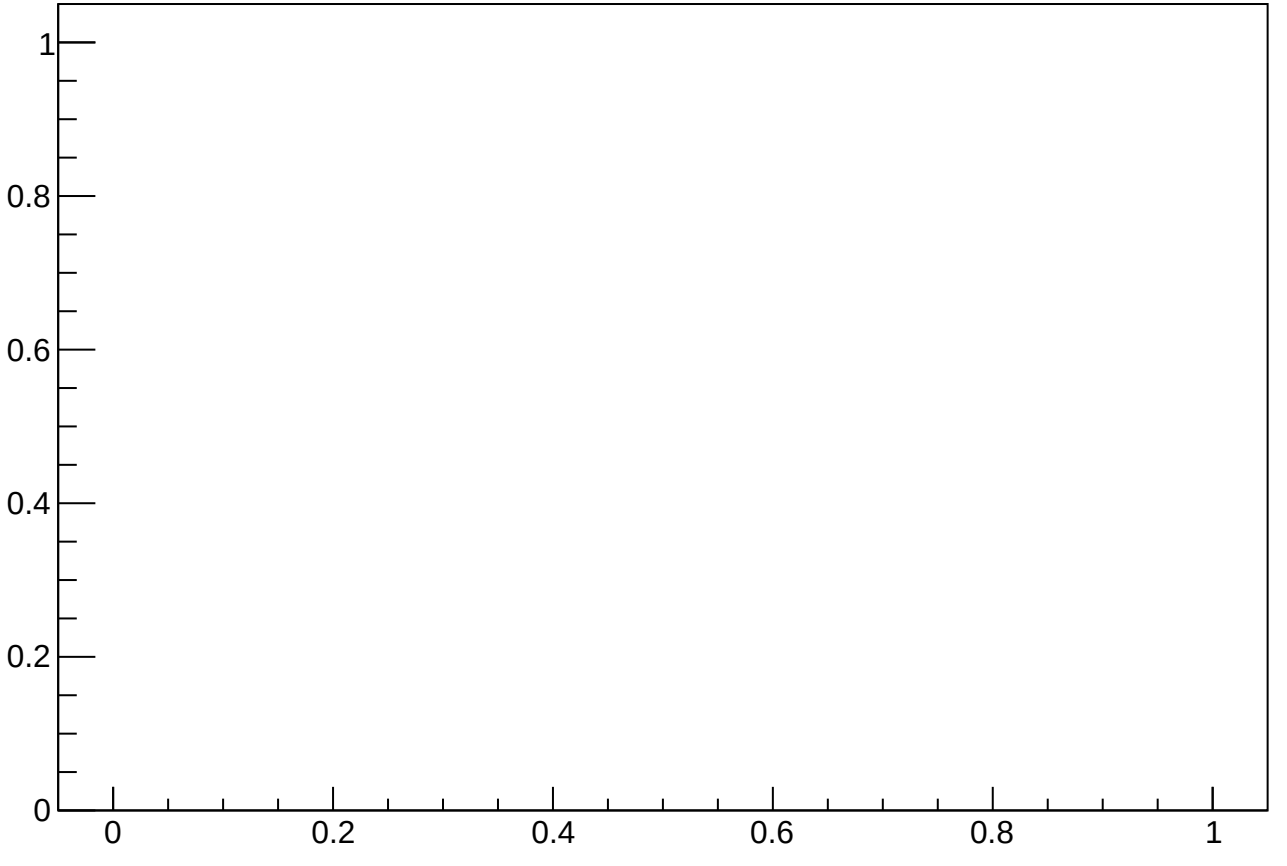
dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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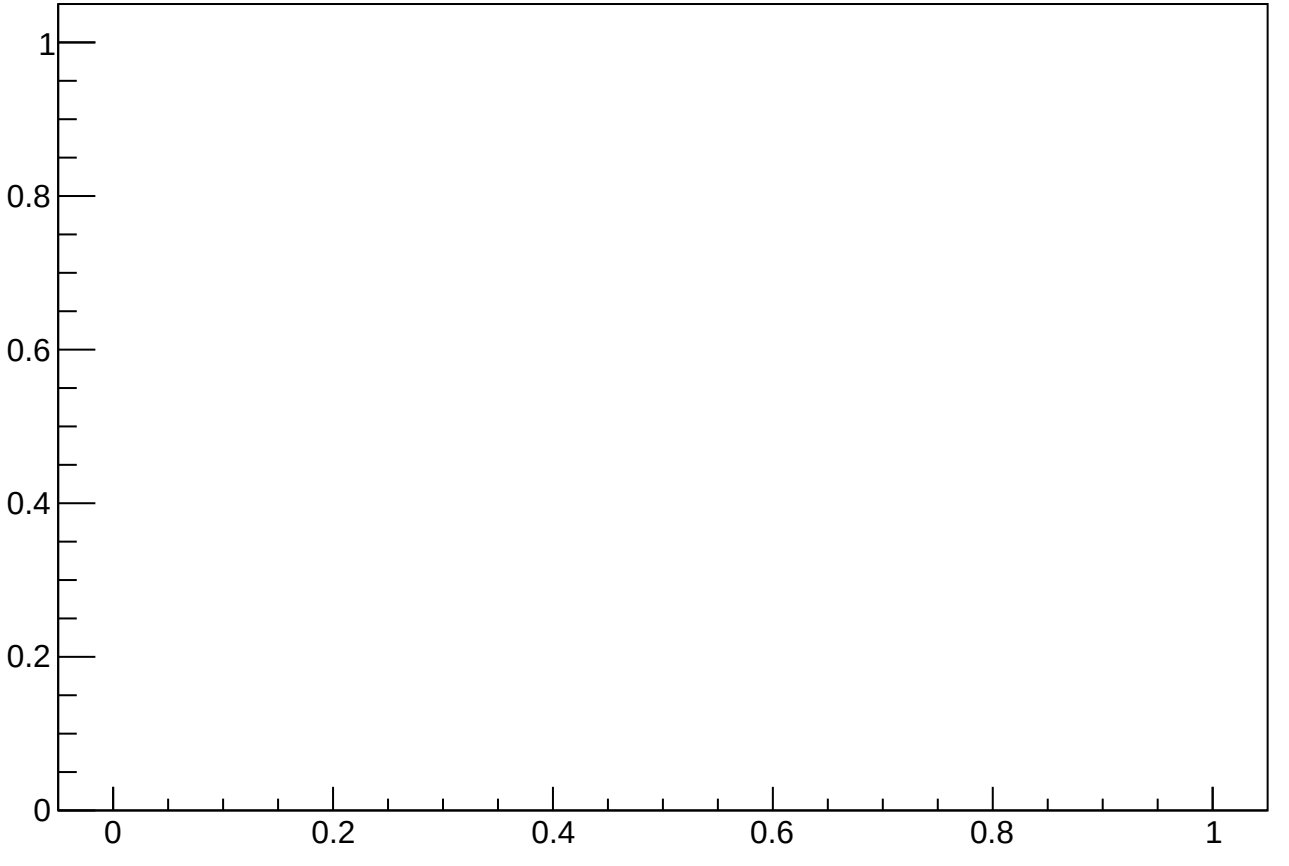

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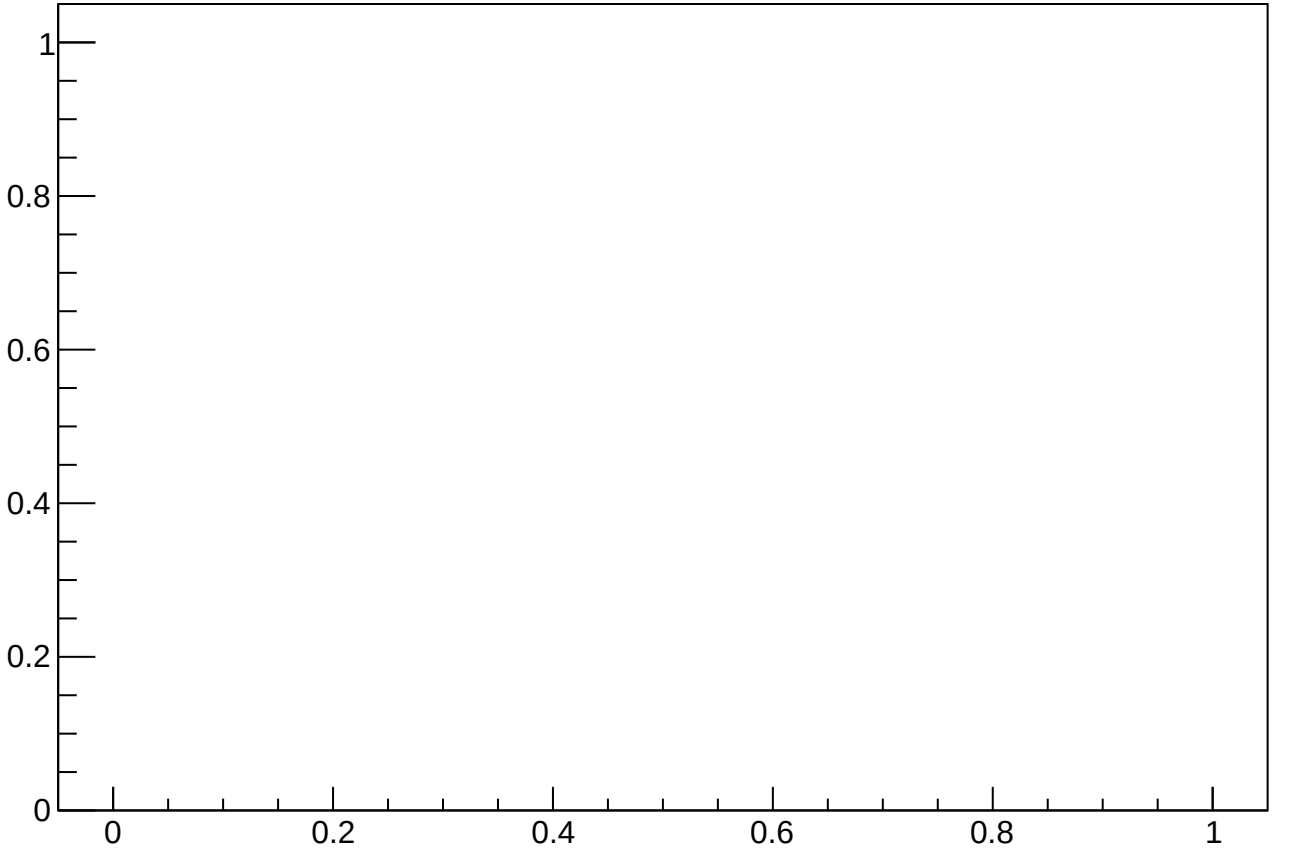
dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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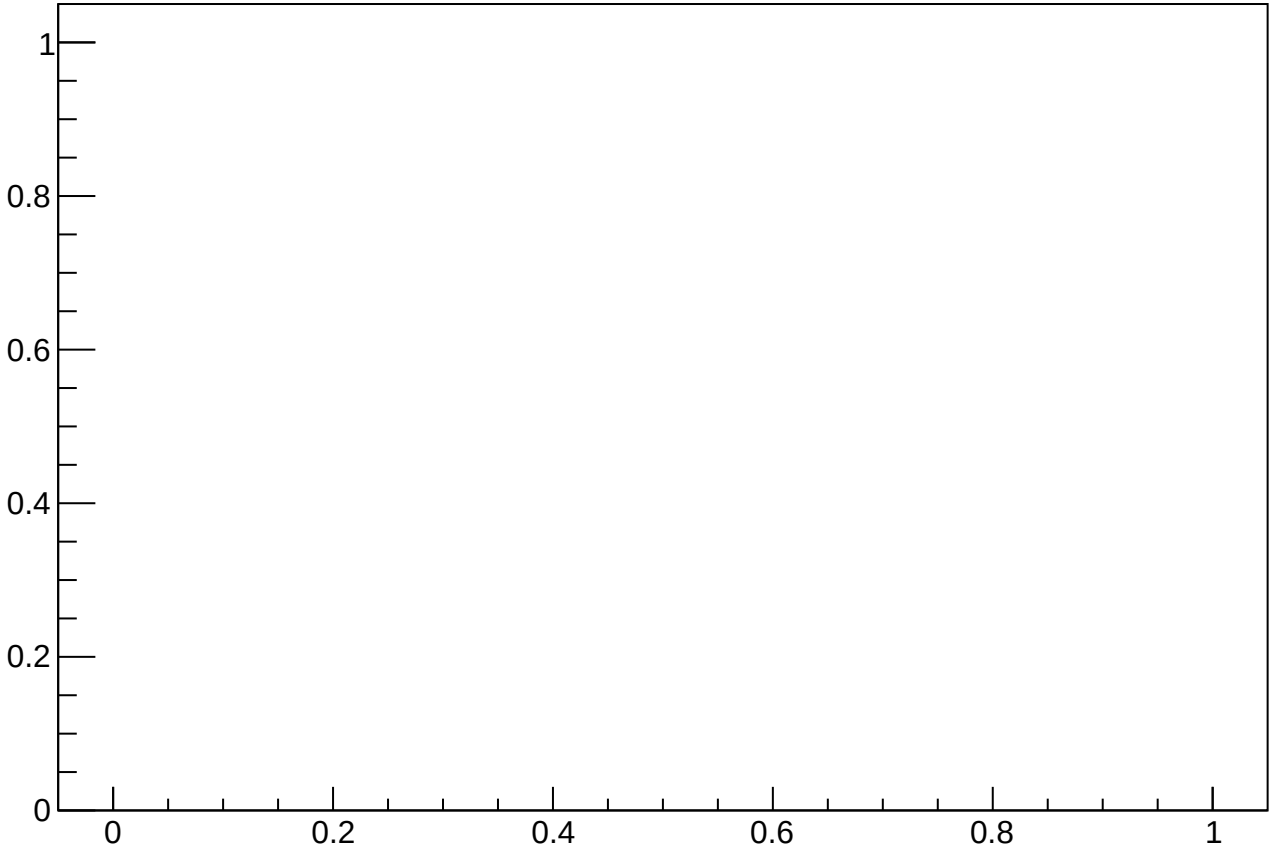
dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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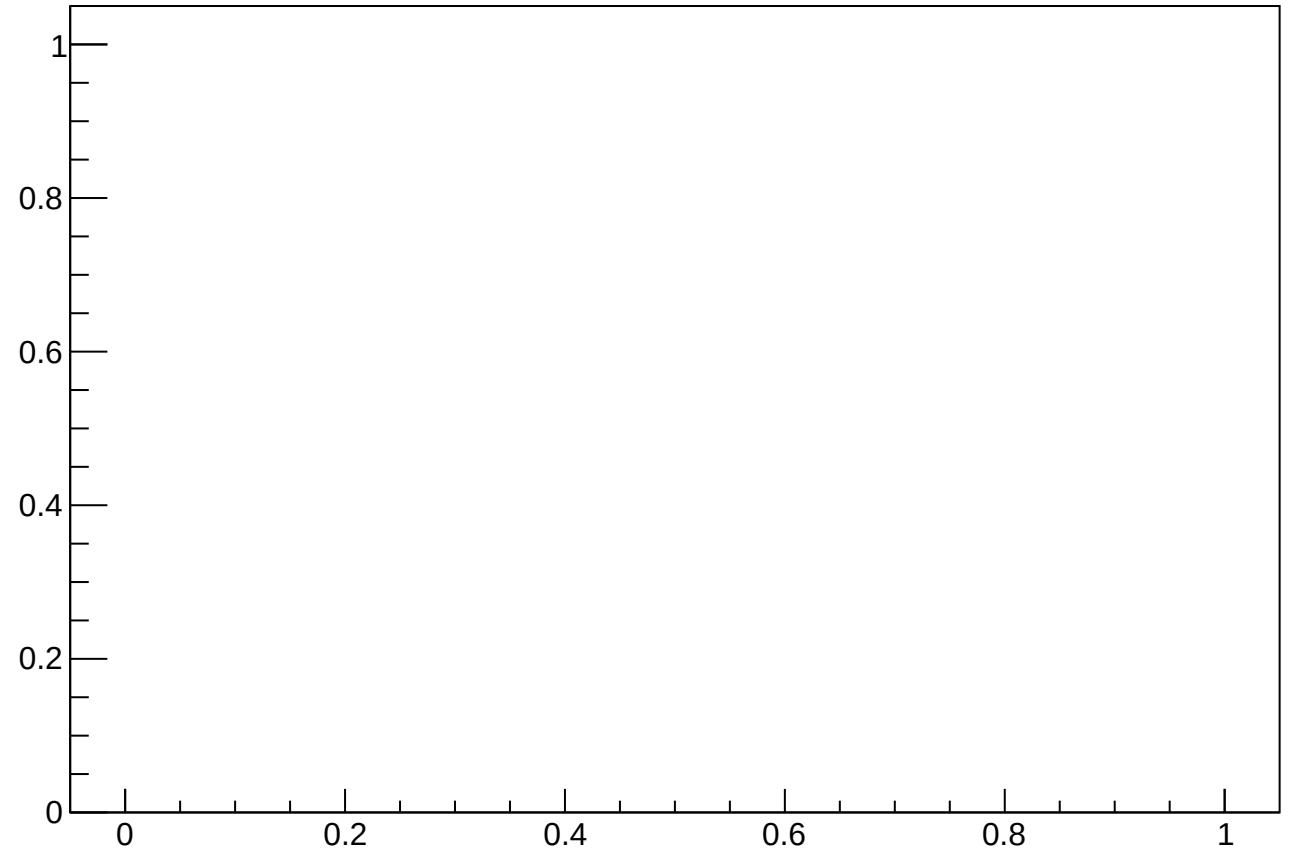

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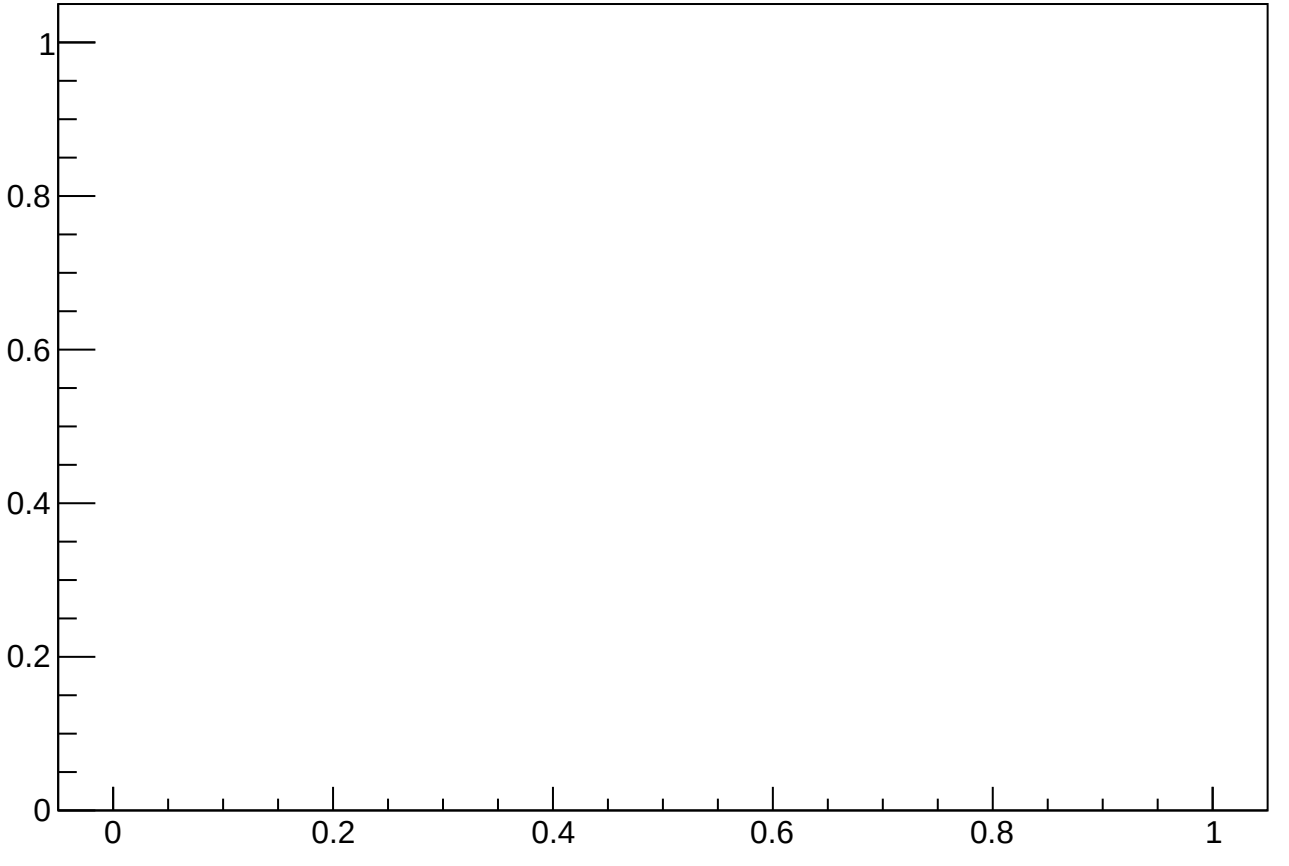
dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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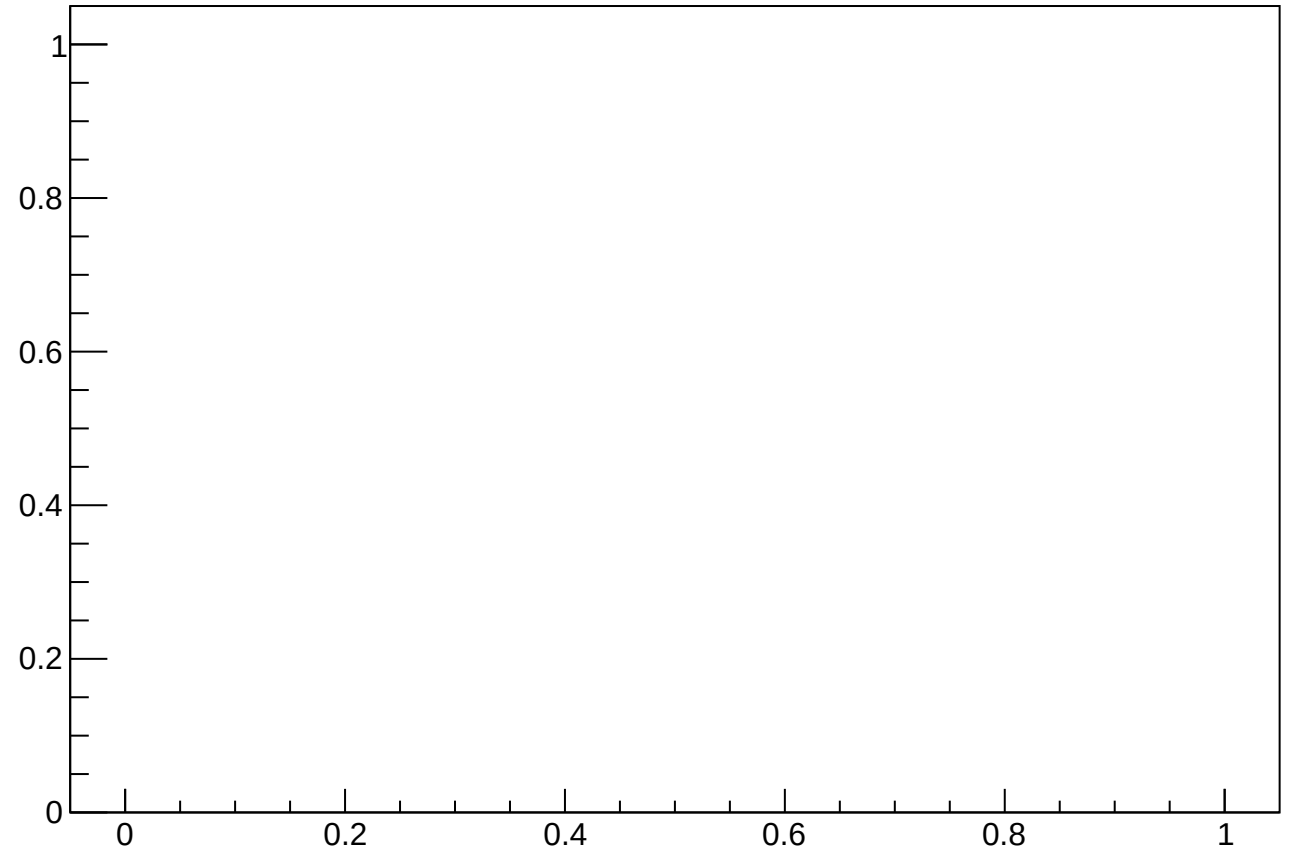

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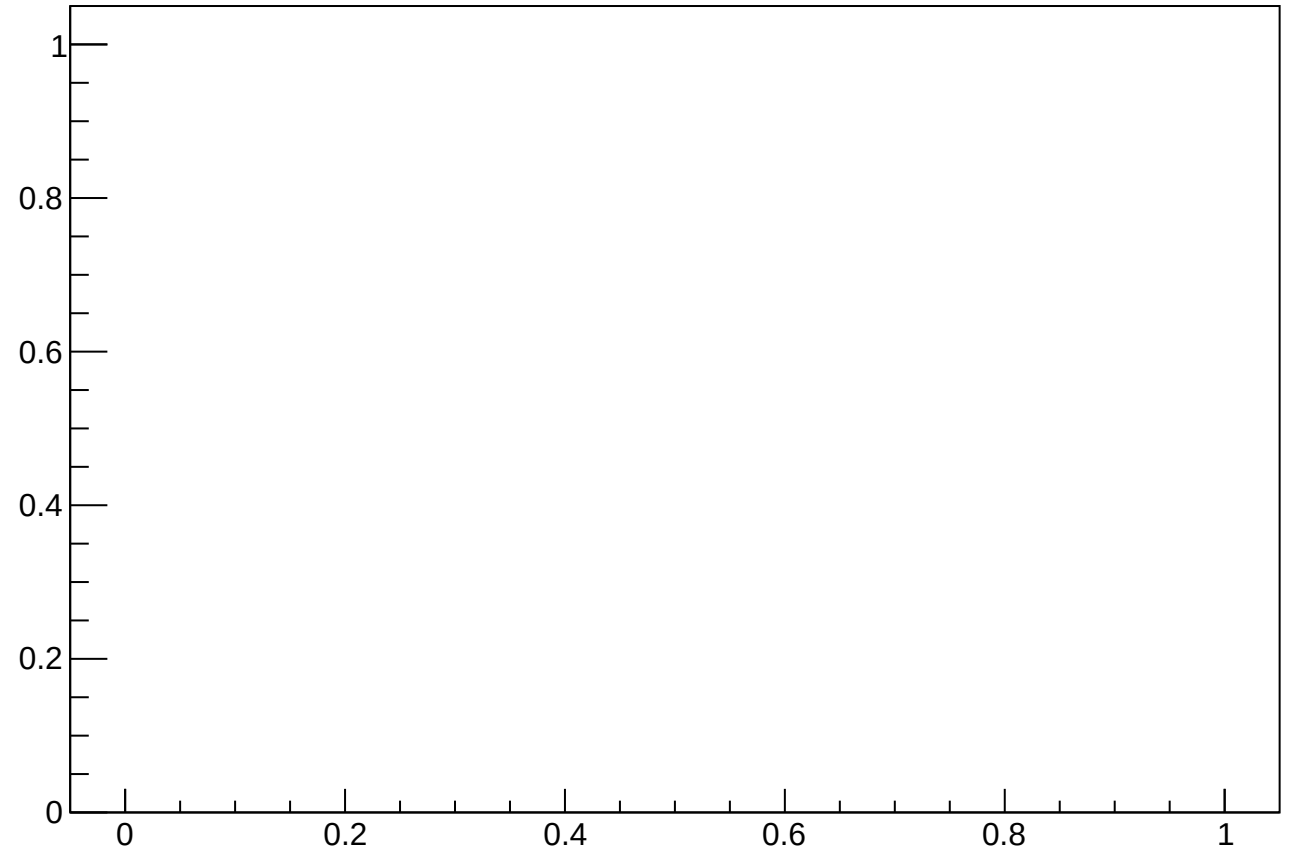

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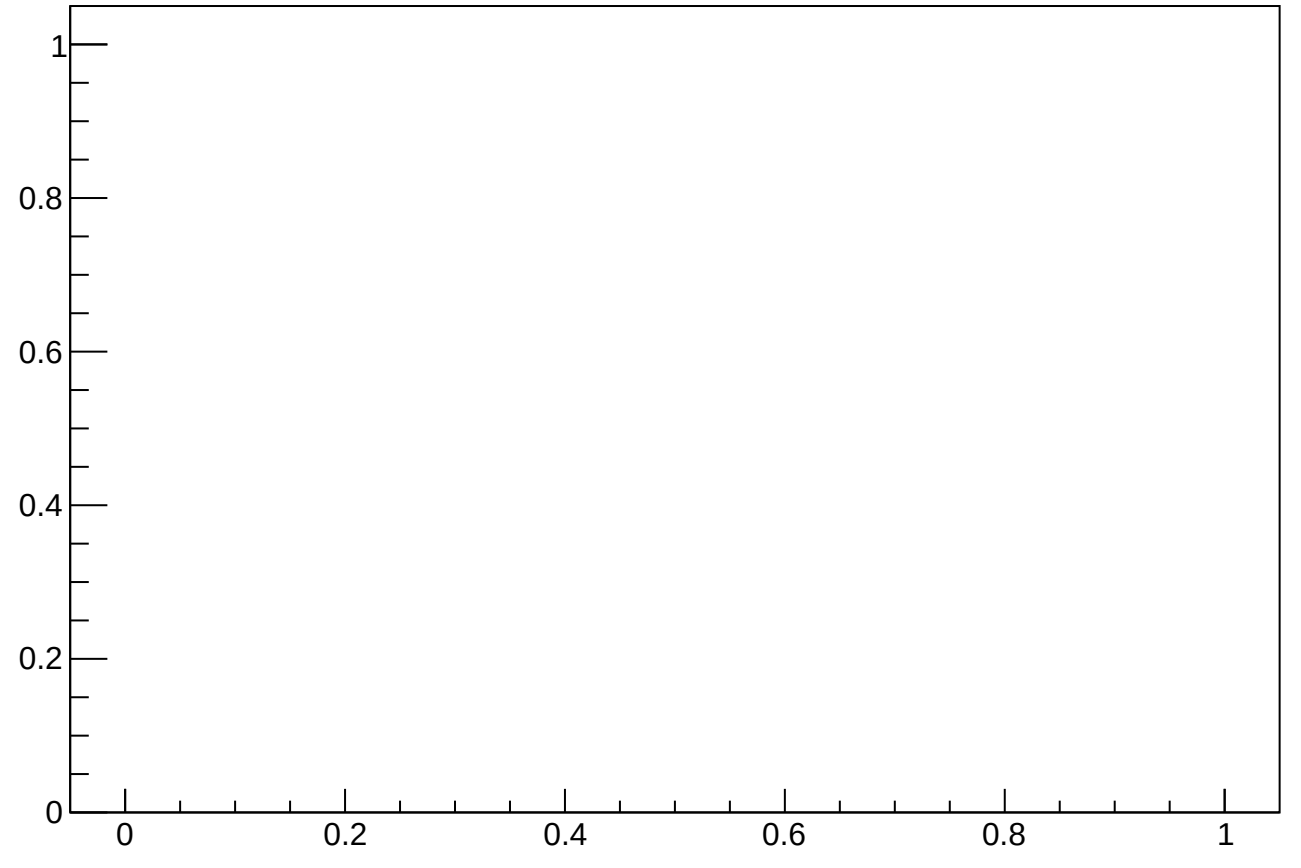

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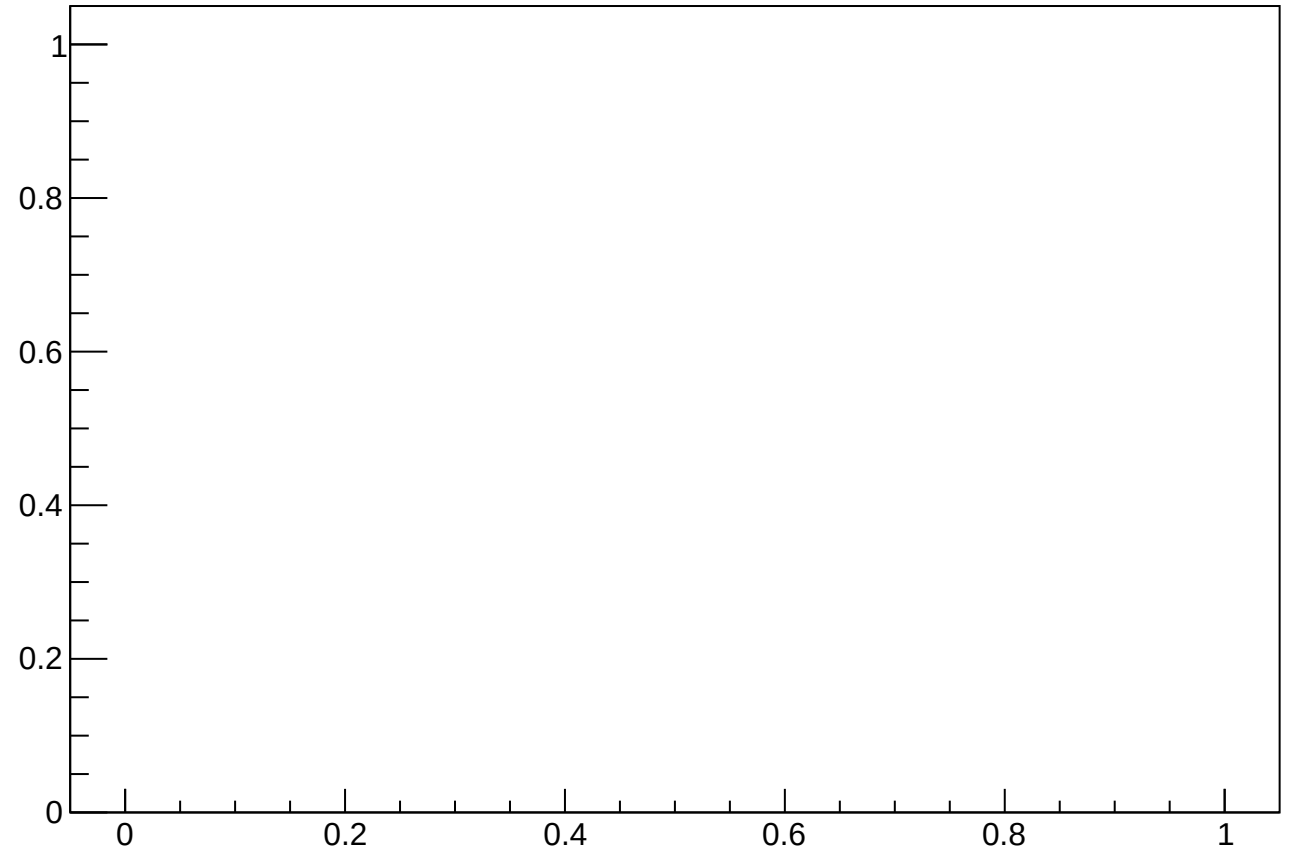

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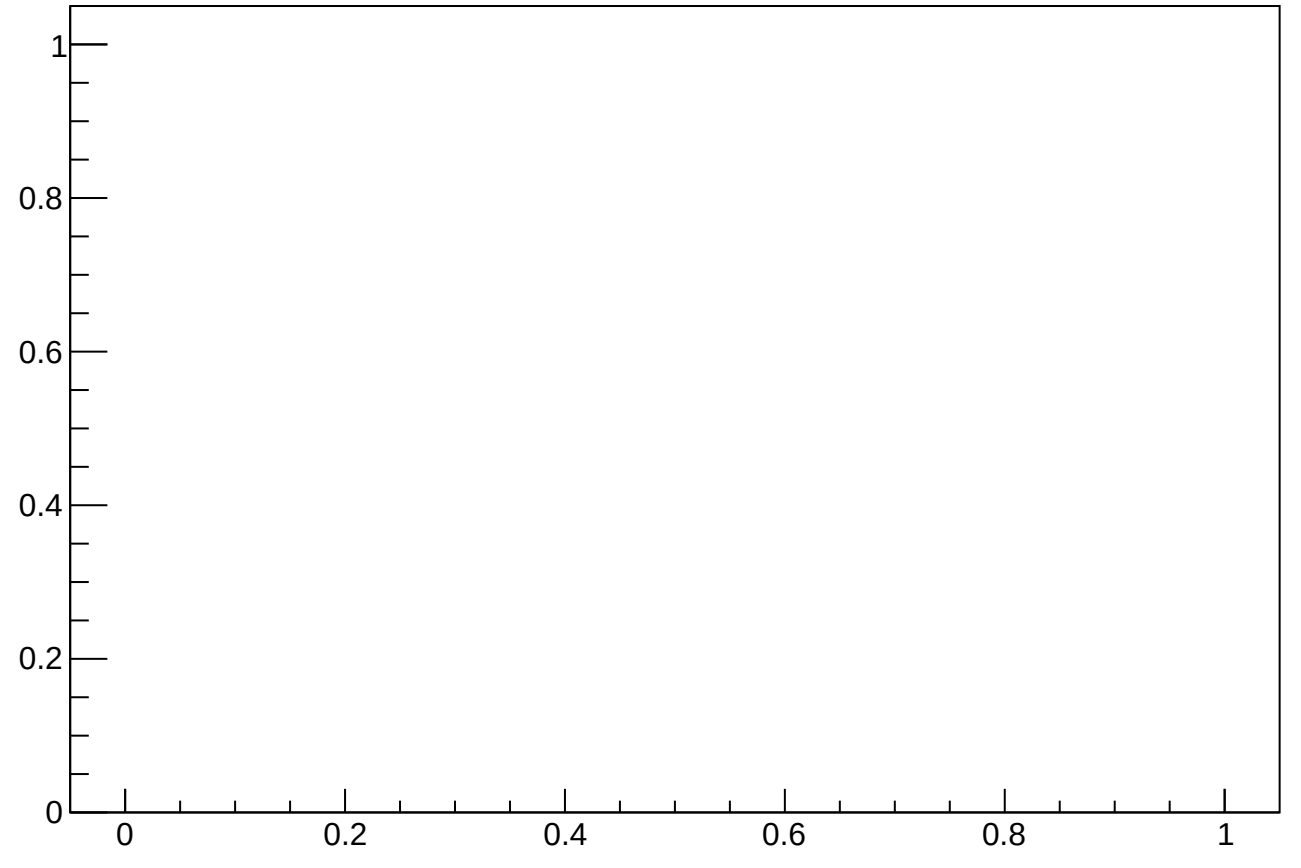

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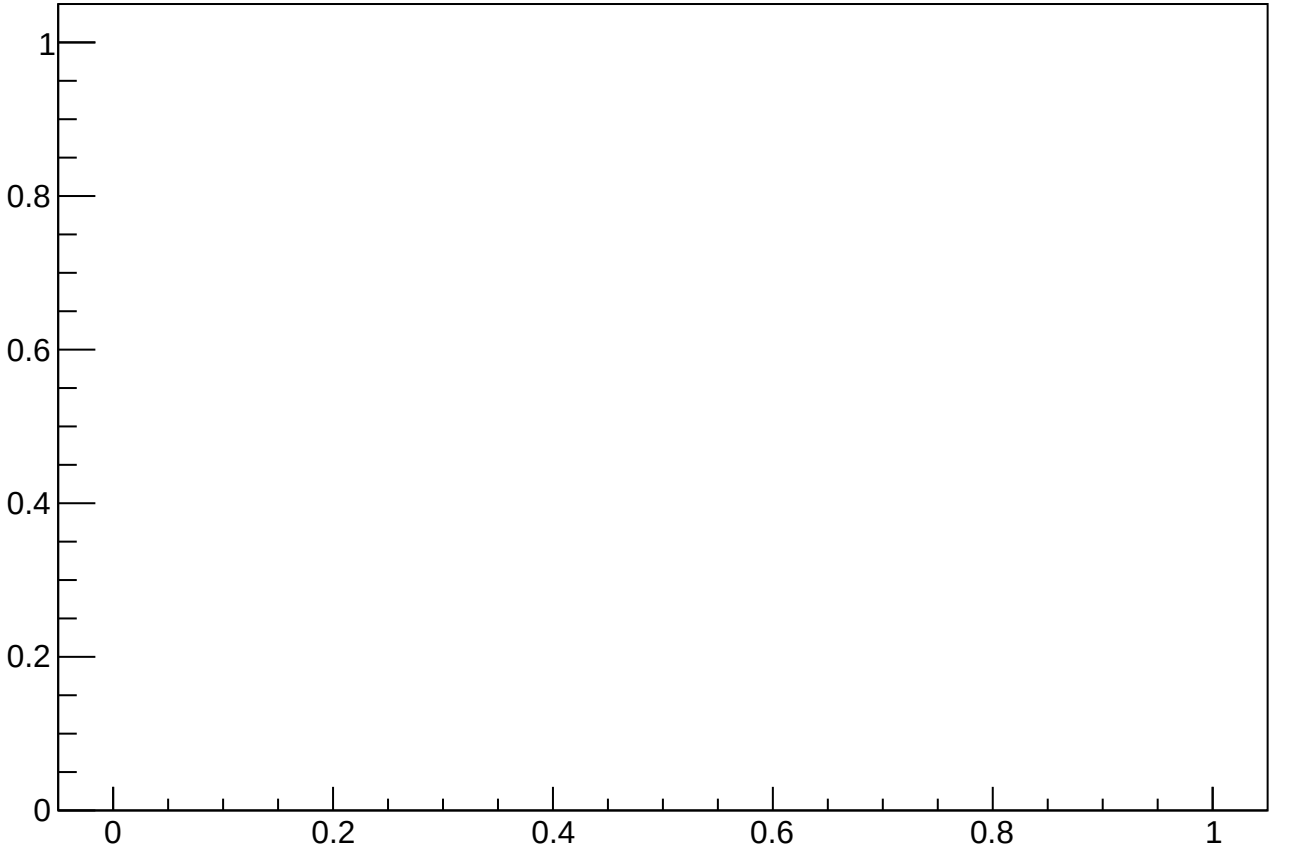
dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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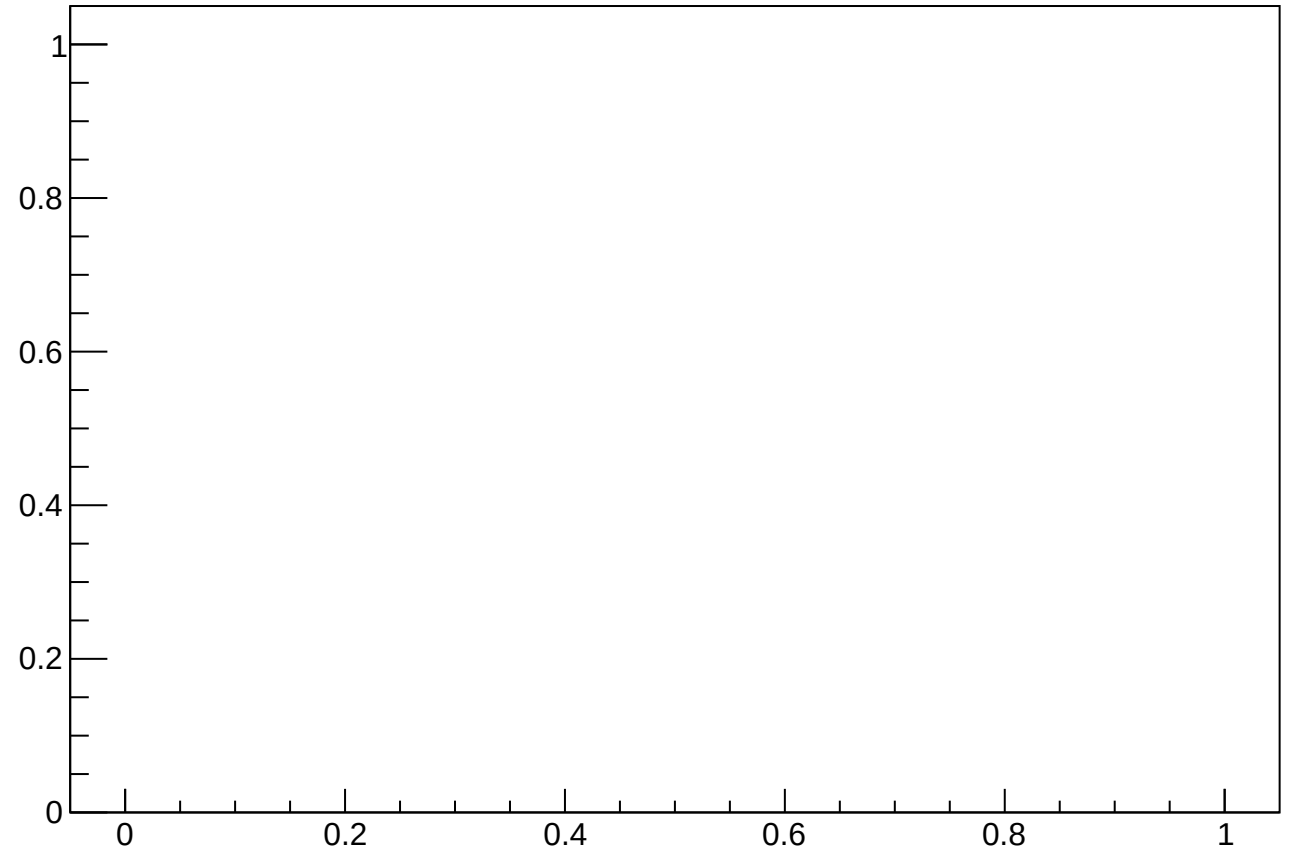
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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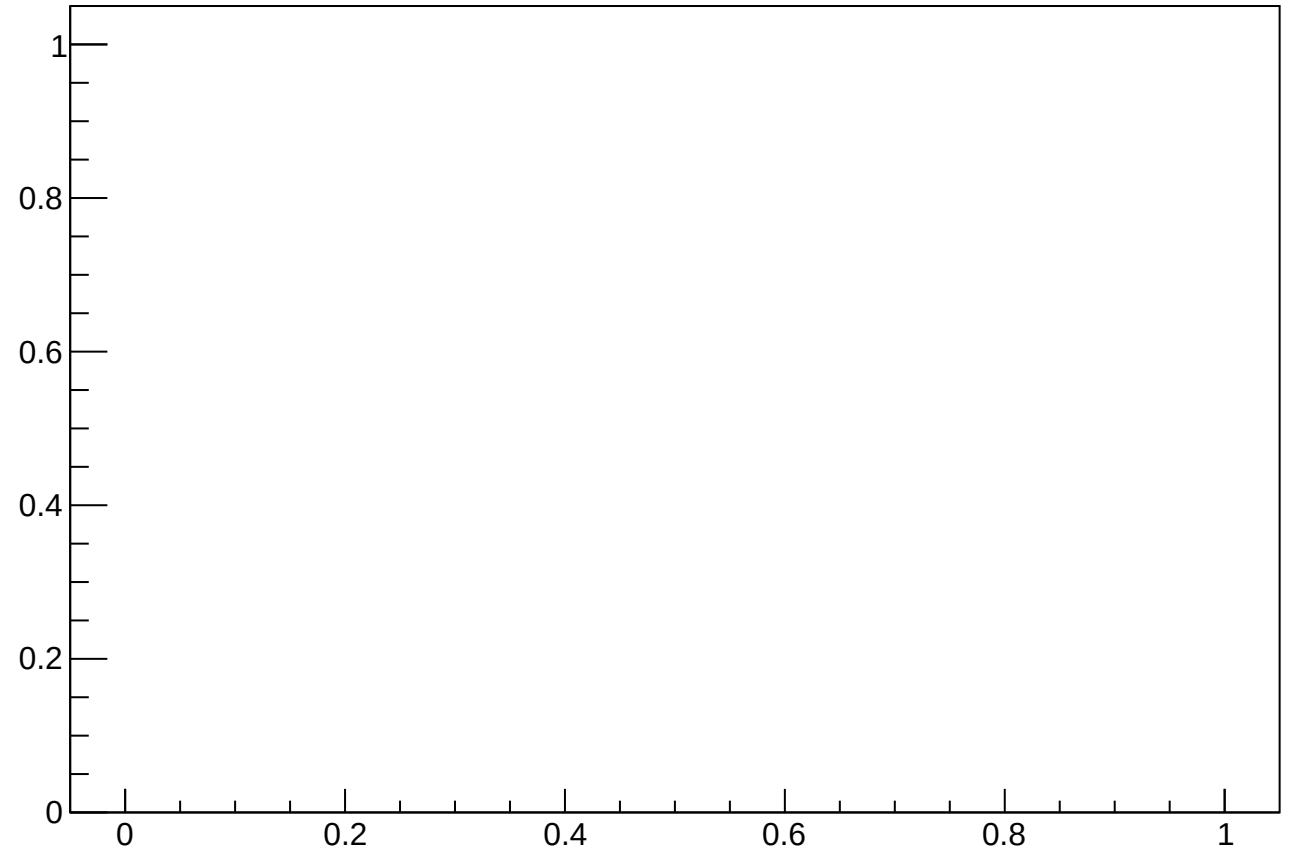

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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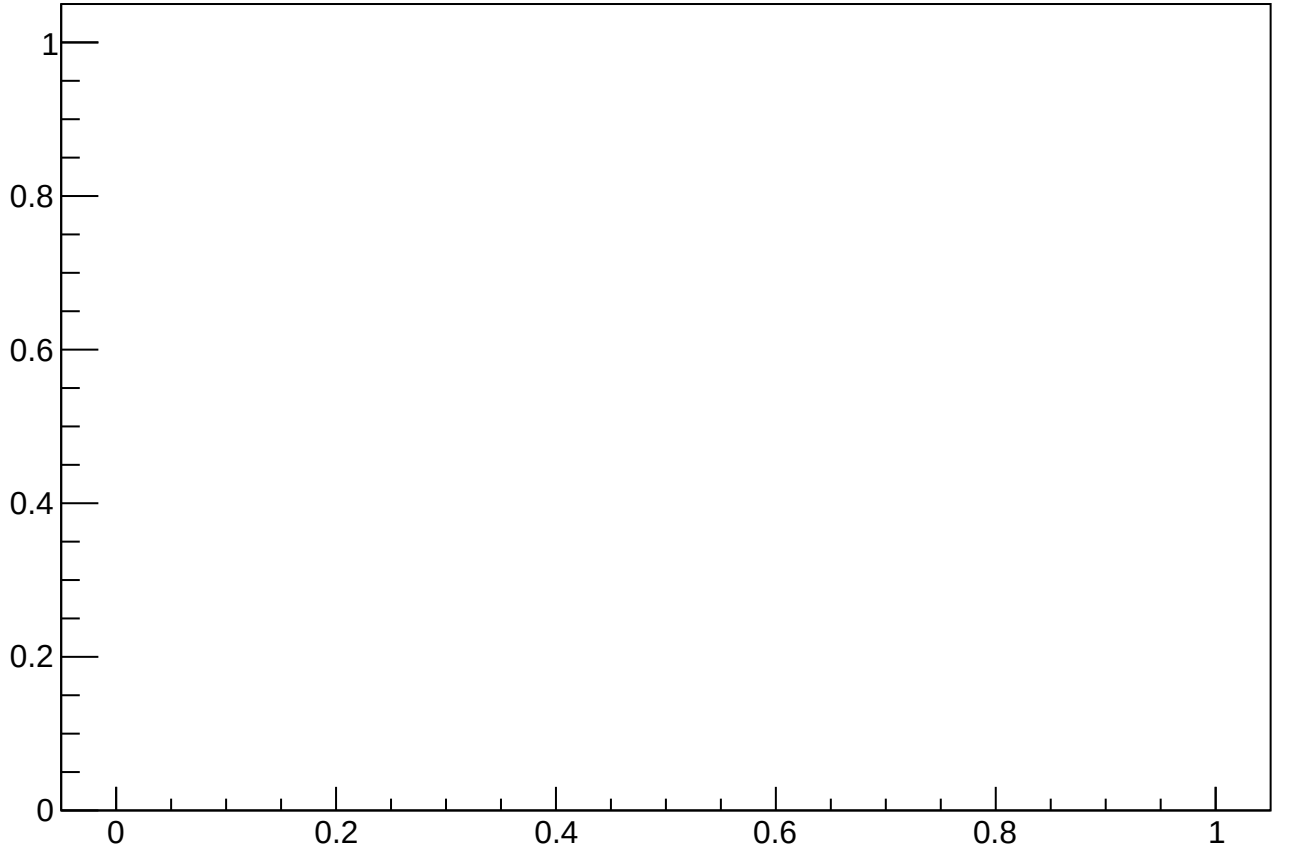
dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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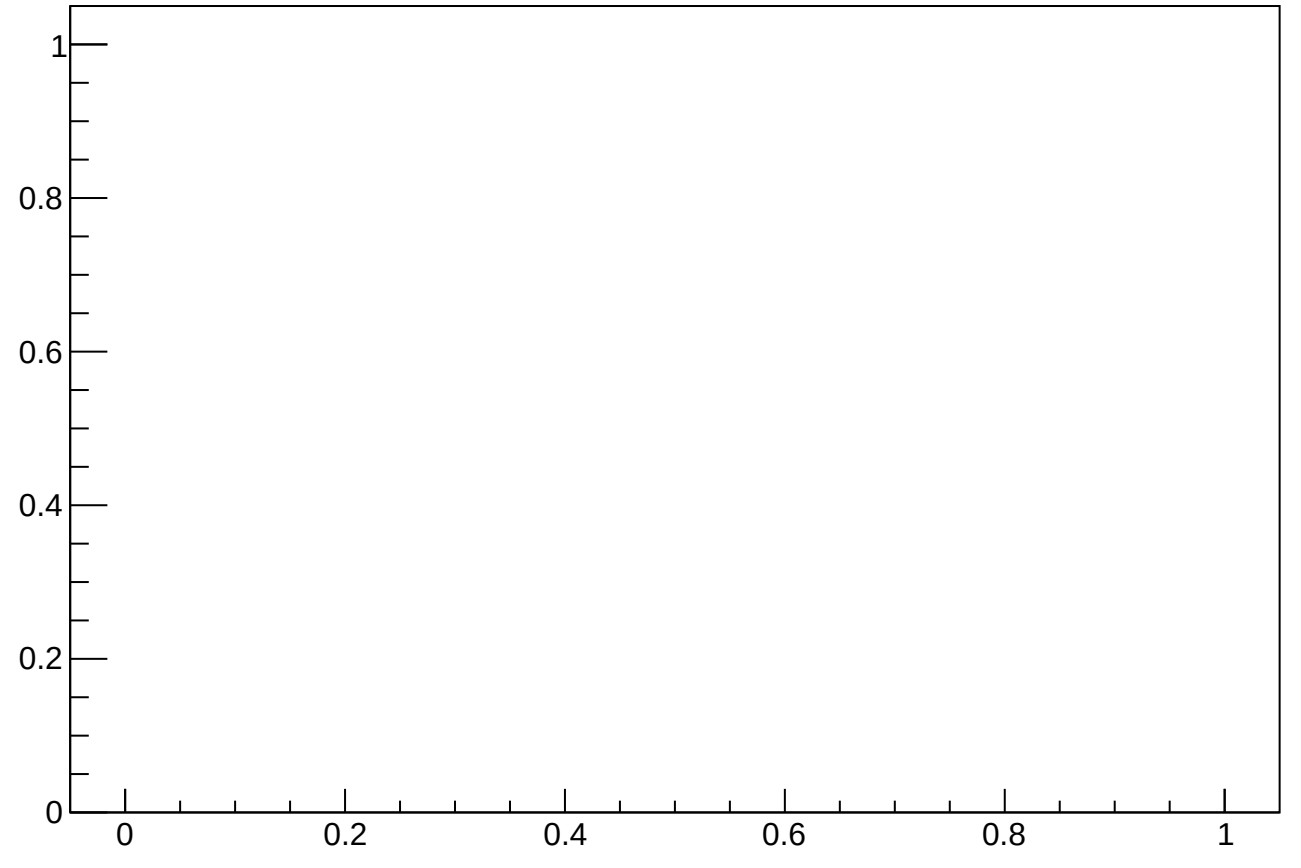

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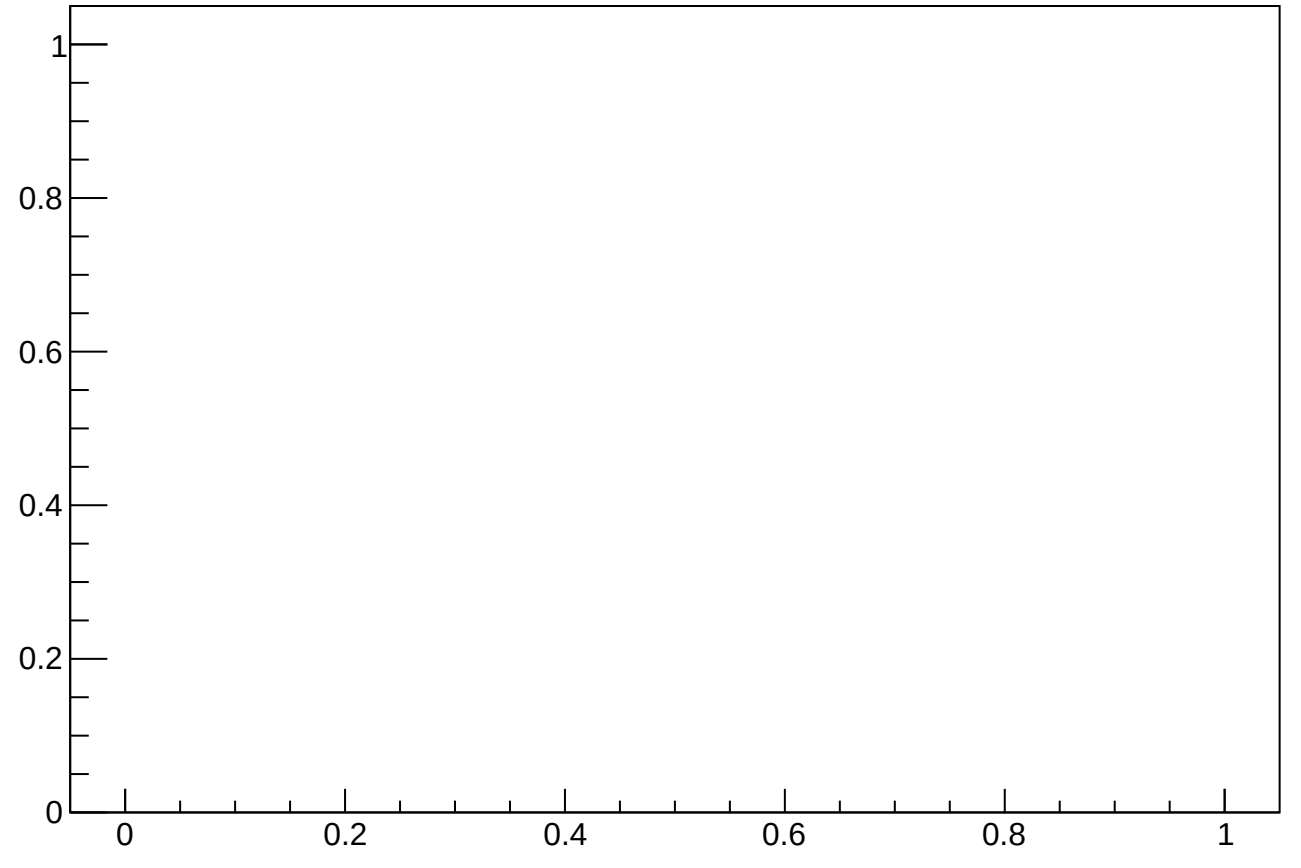

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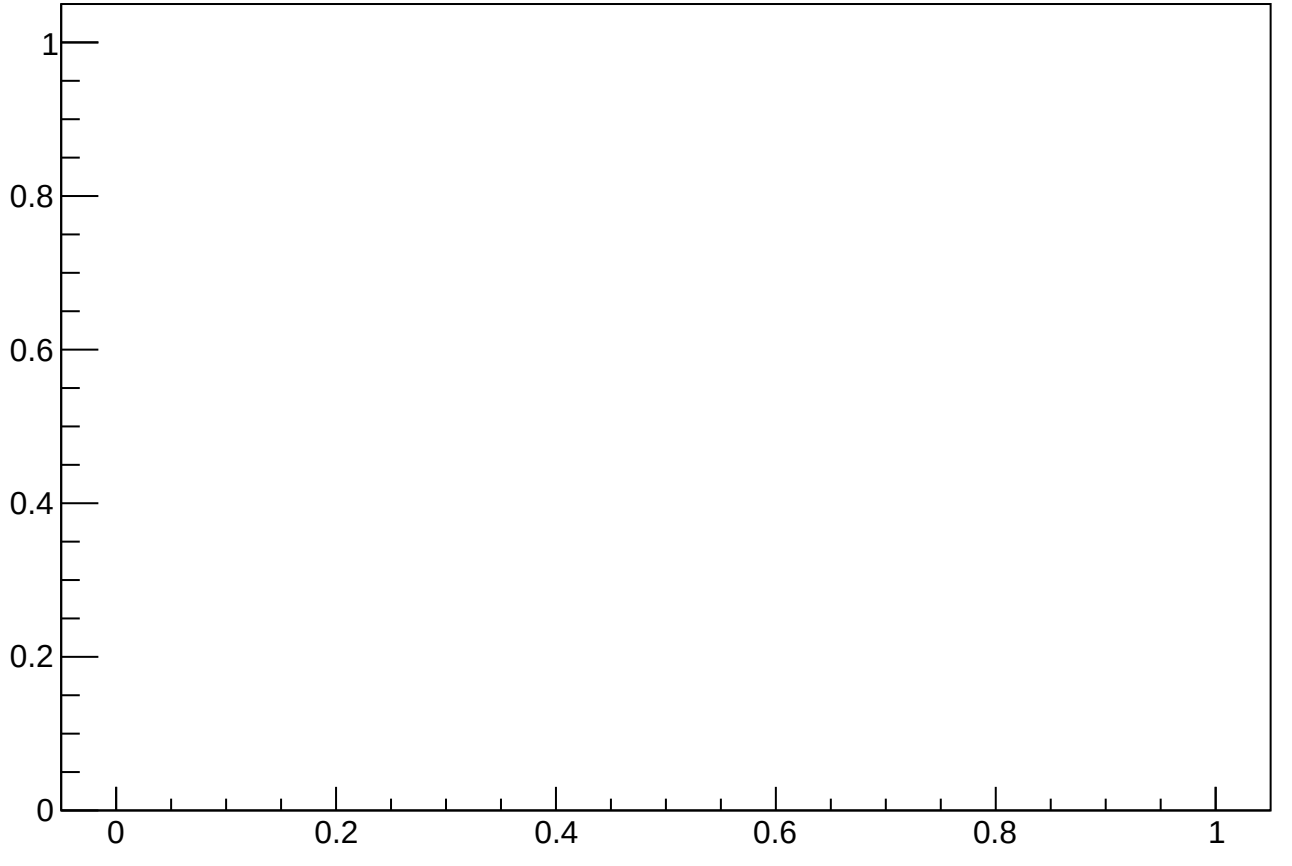
dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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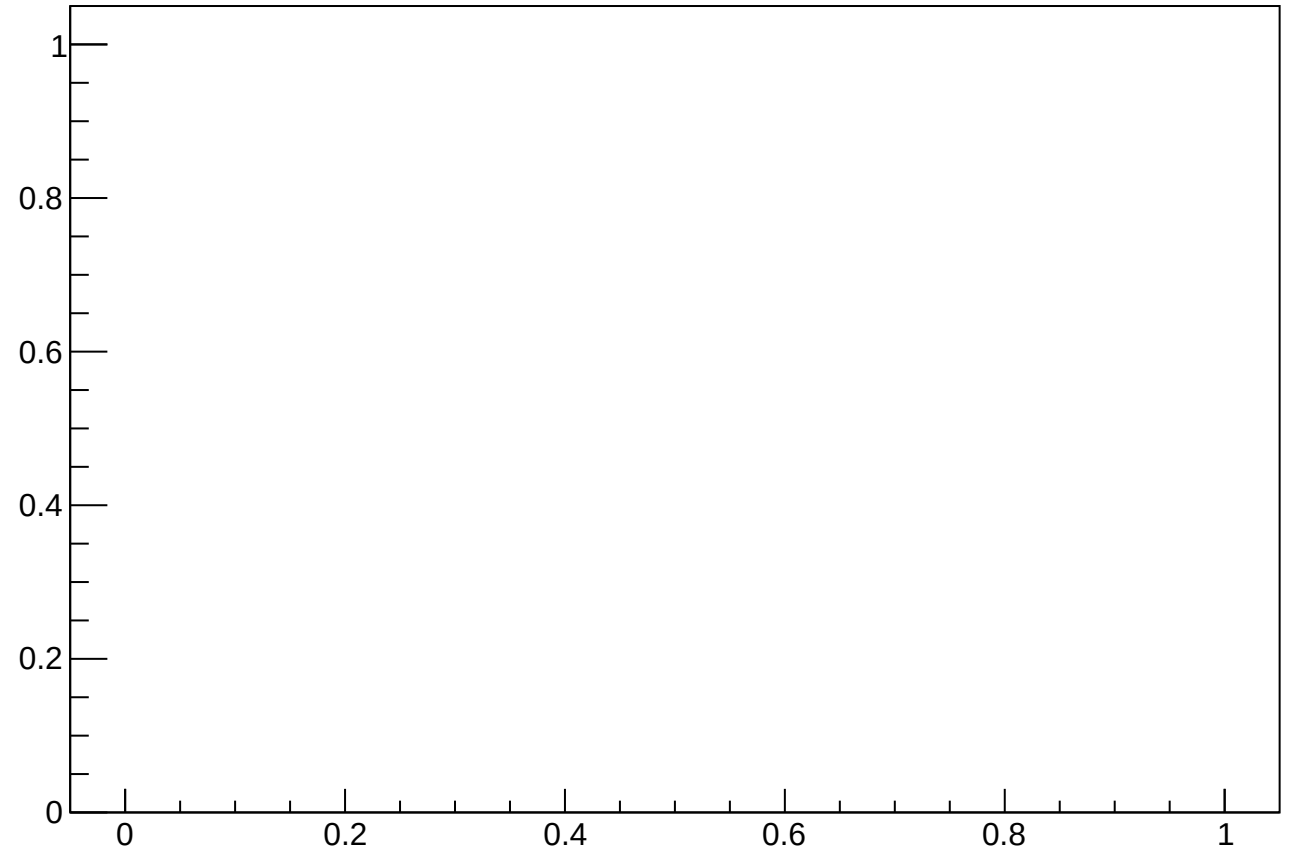

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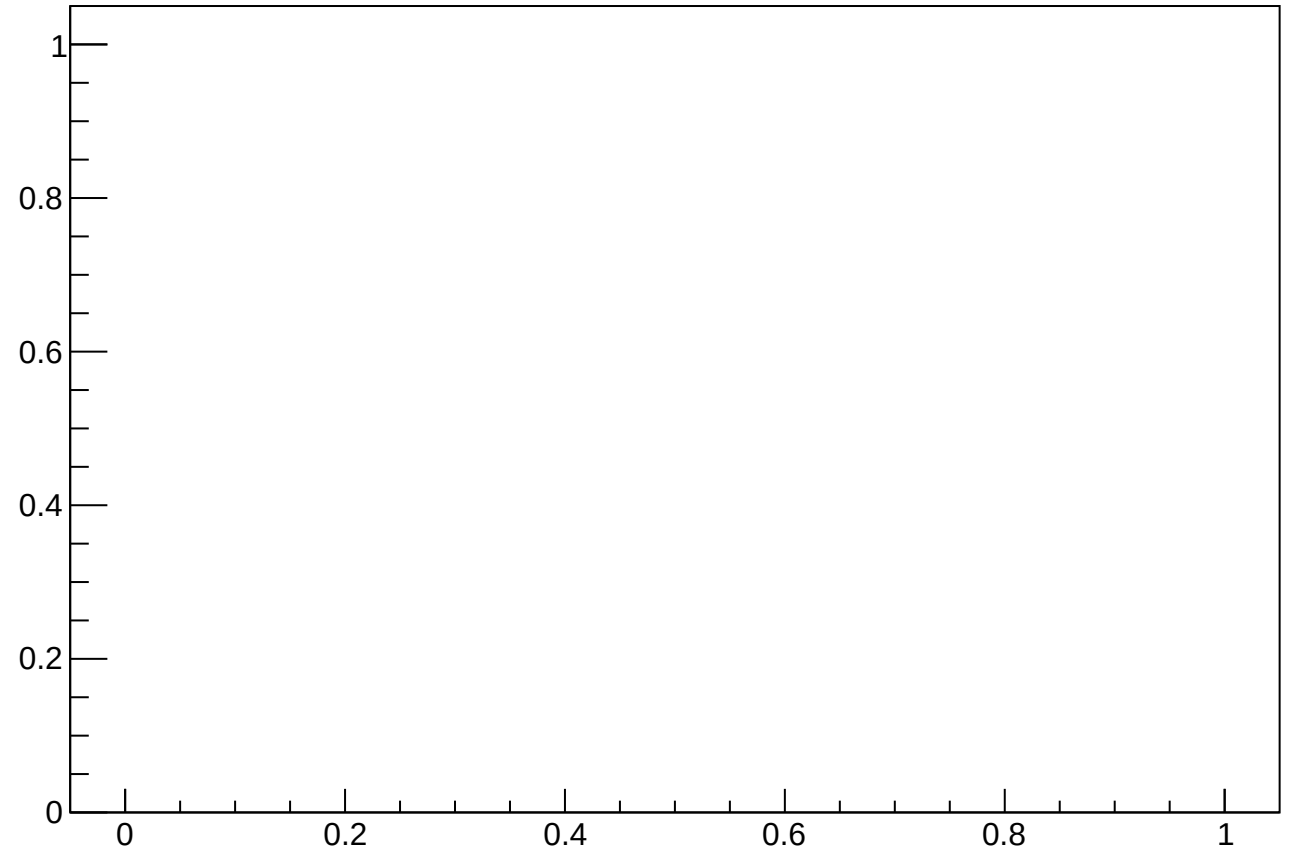

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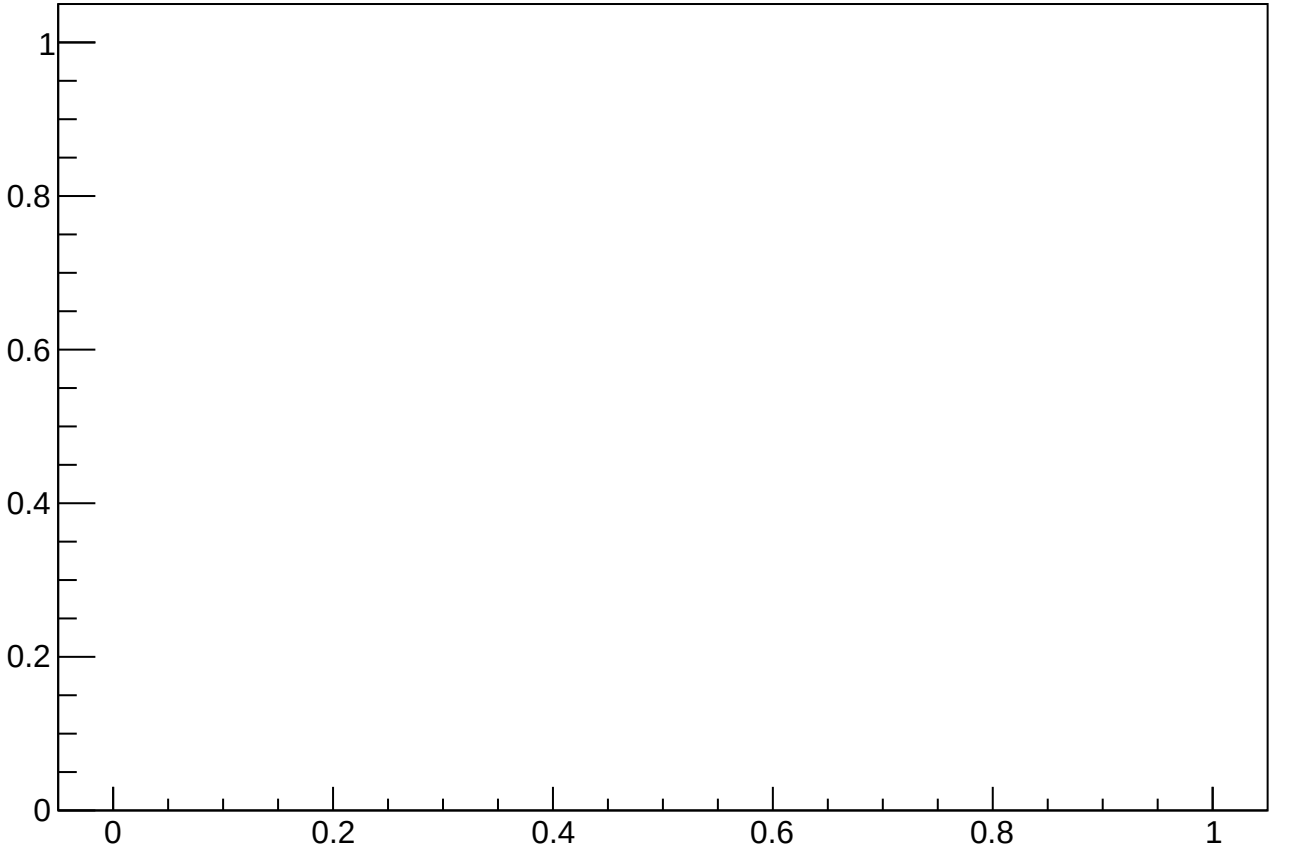
dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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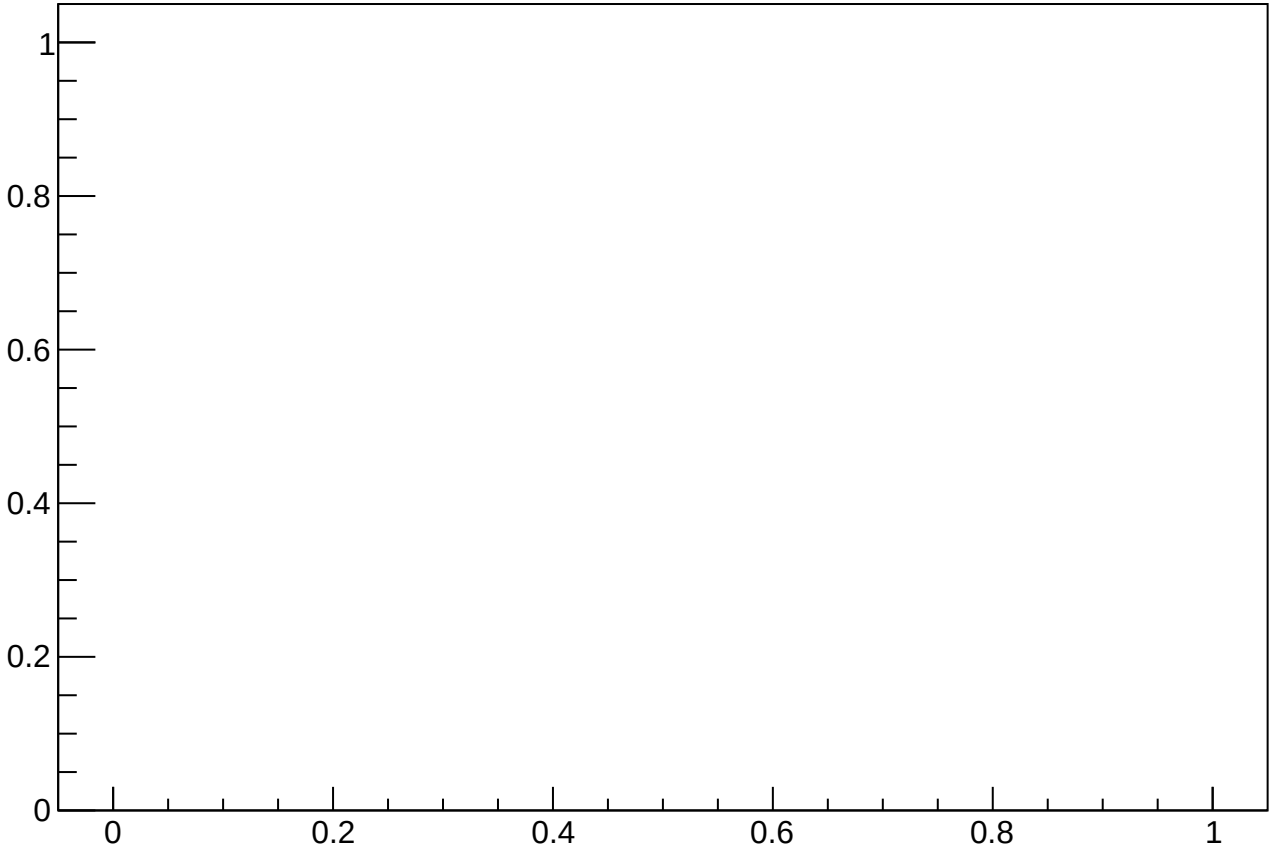
dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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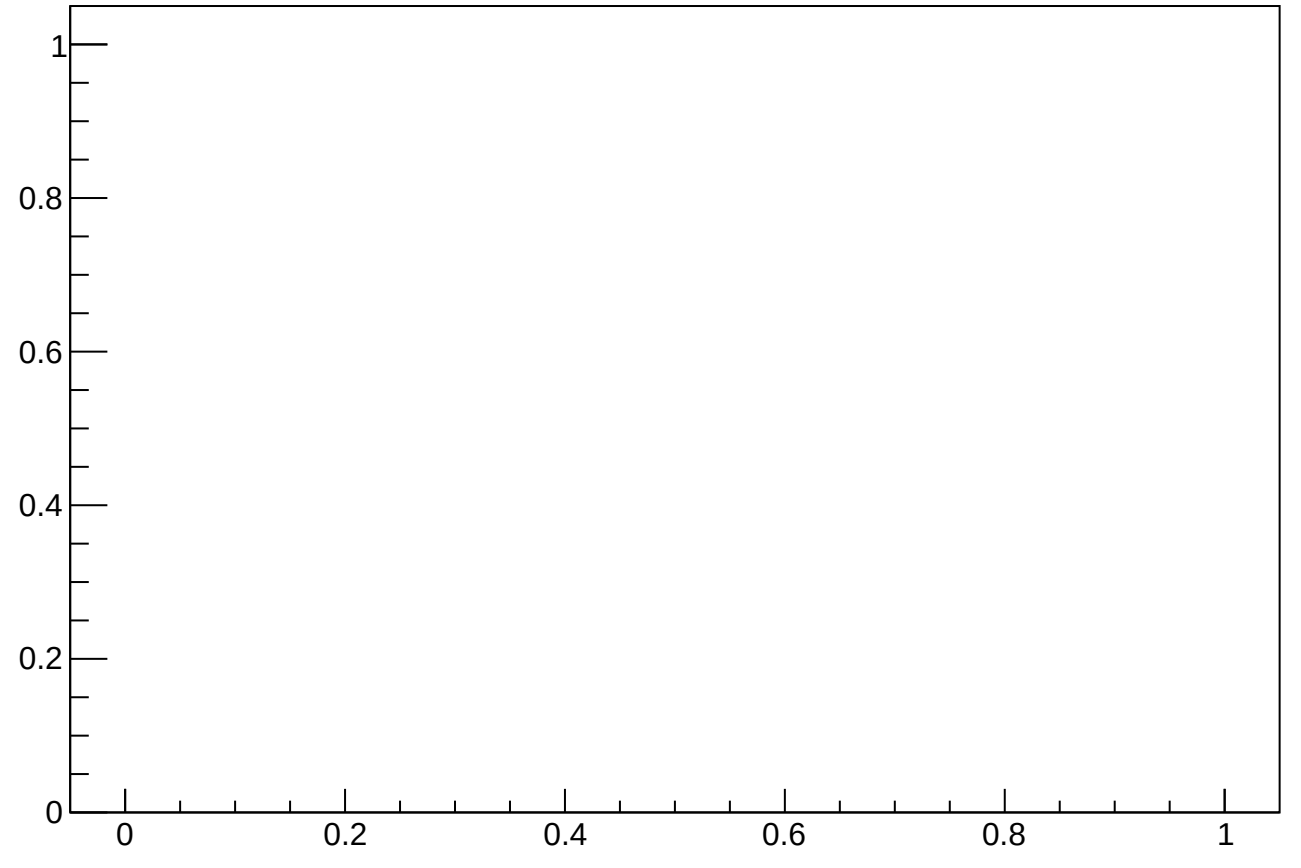

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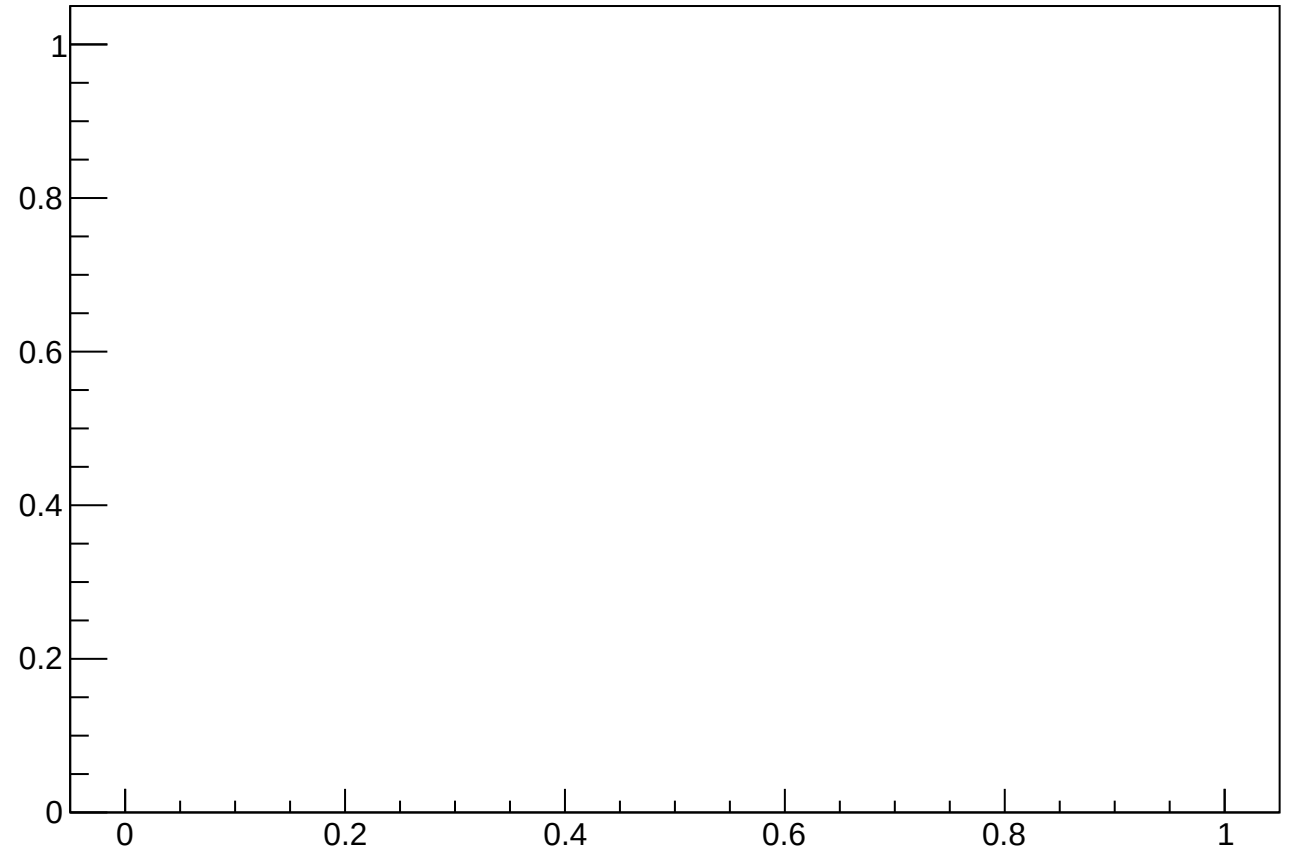

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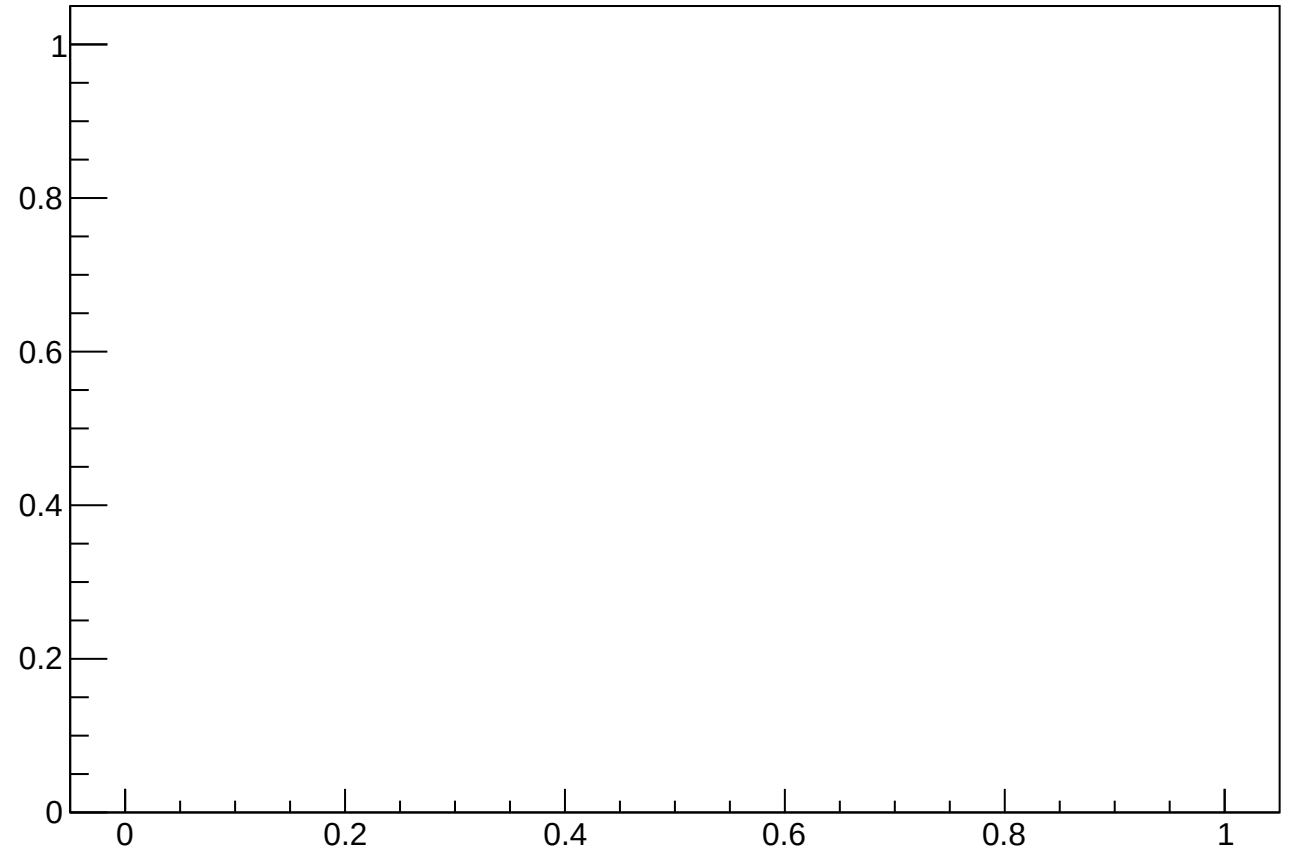

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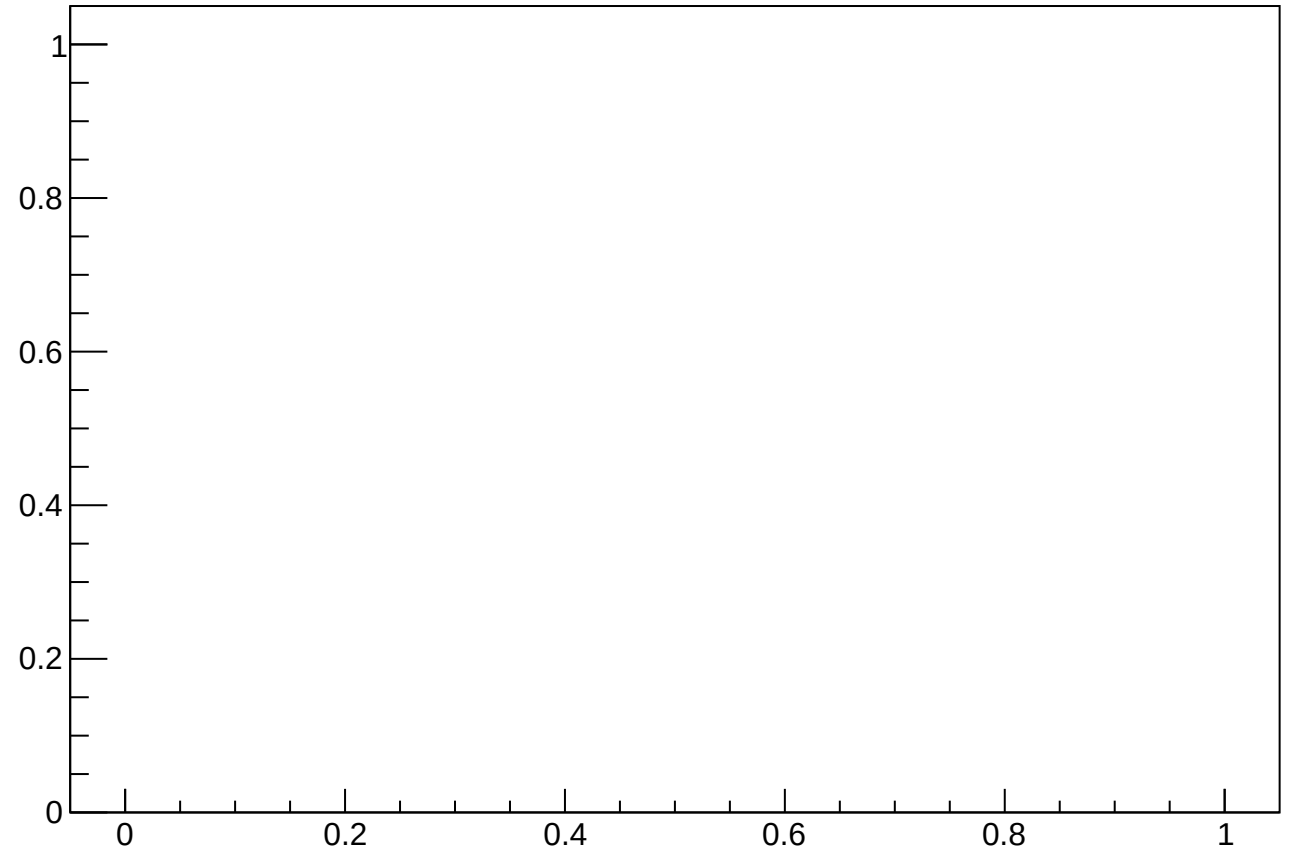

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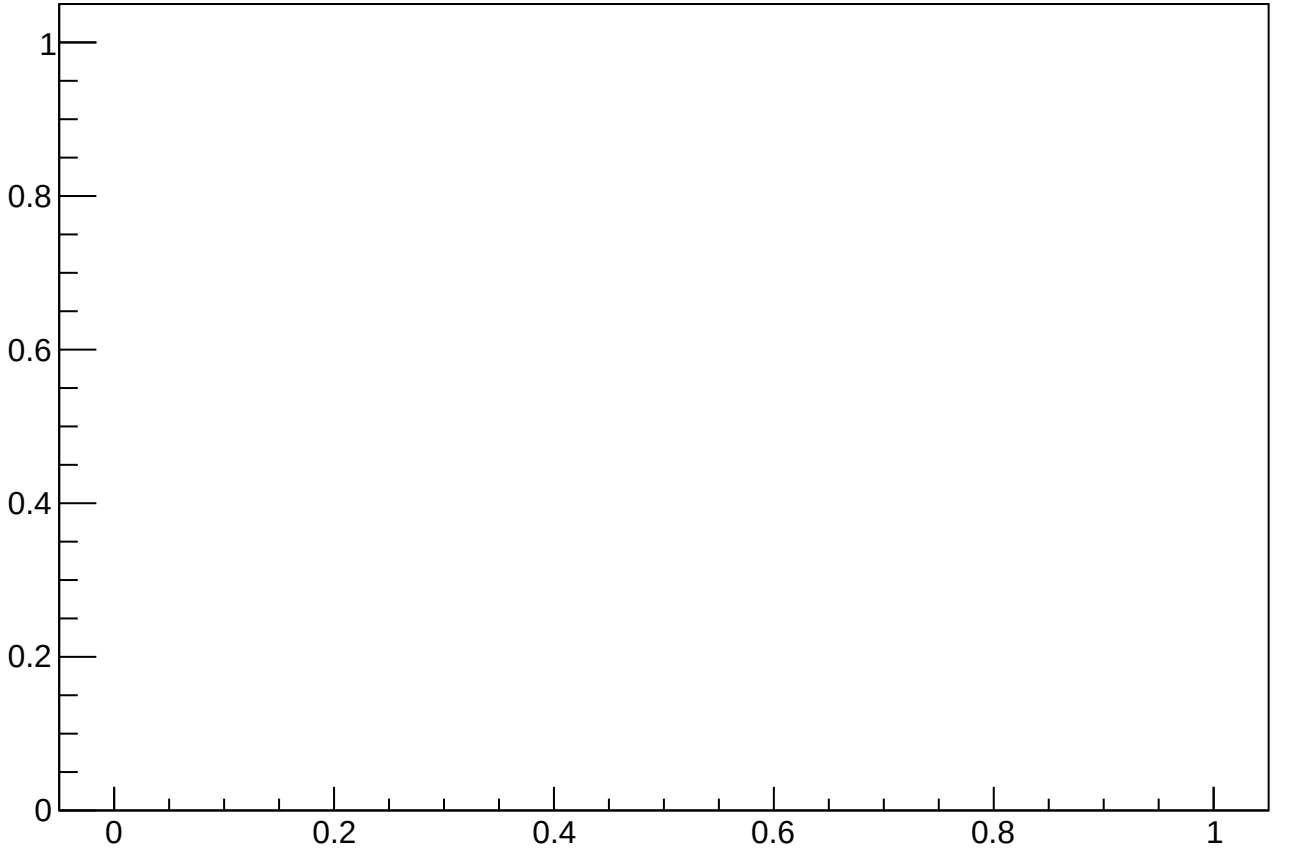
dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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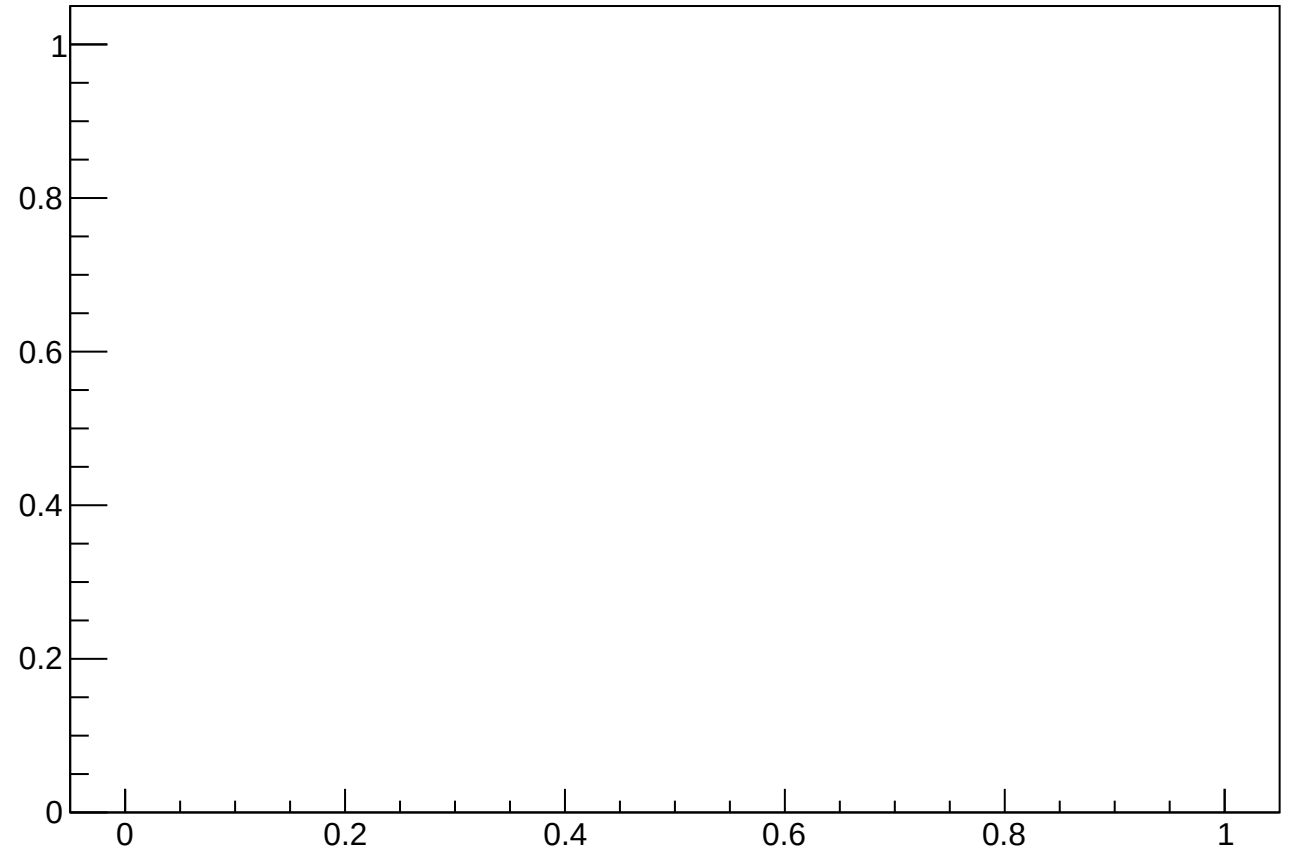

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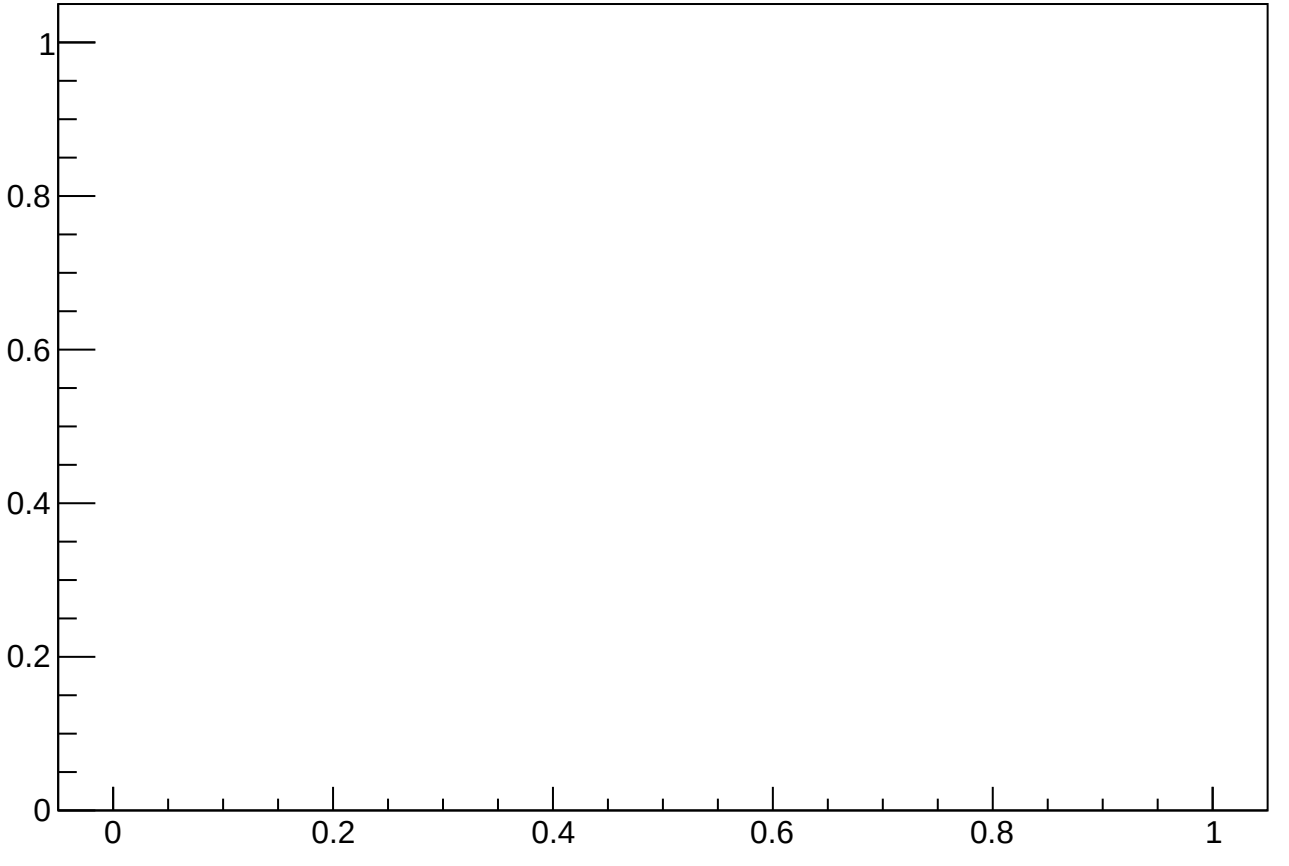
dit_4aX_coil4_mean vs Slug, Sign Corrected



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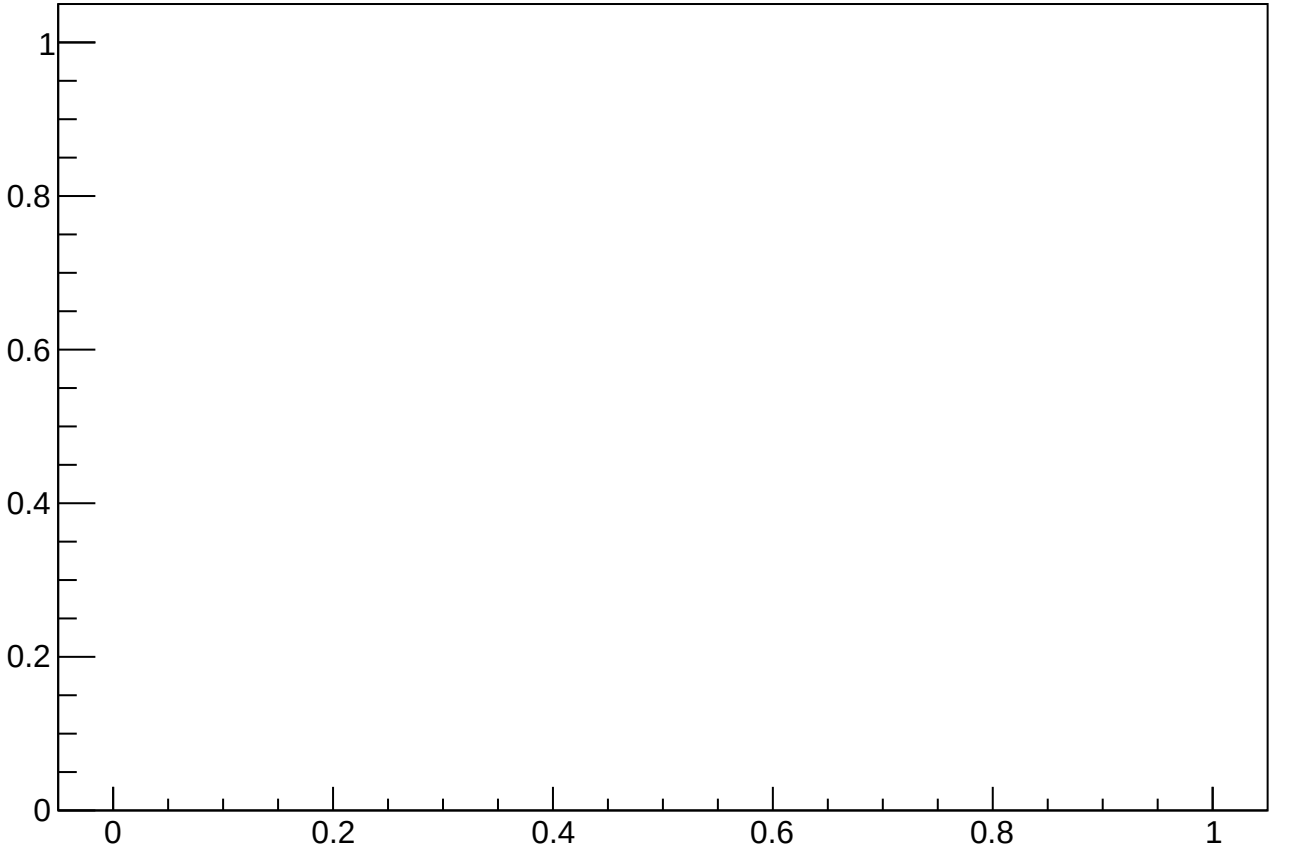
dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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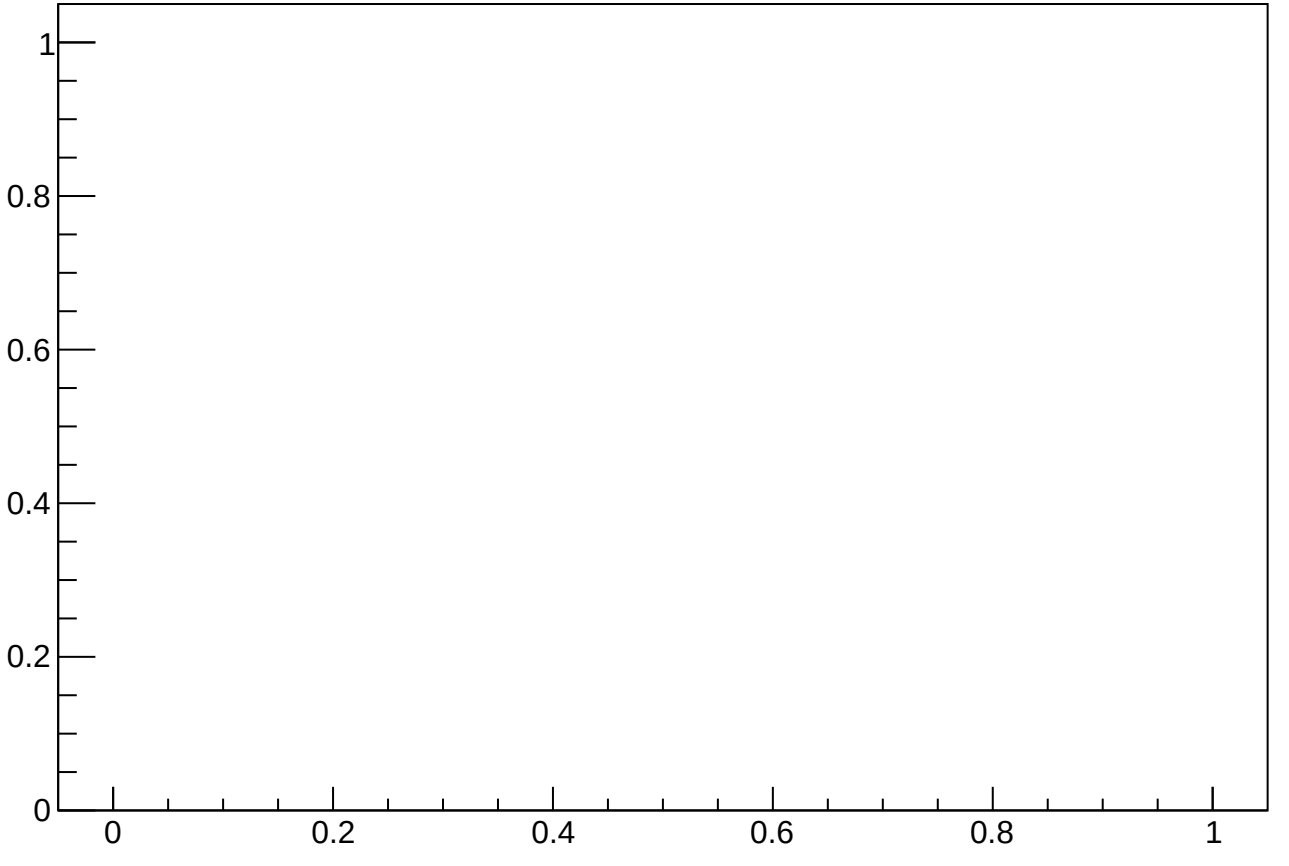
dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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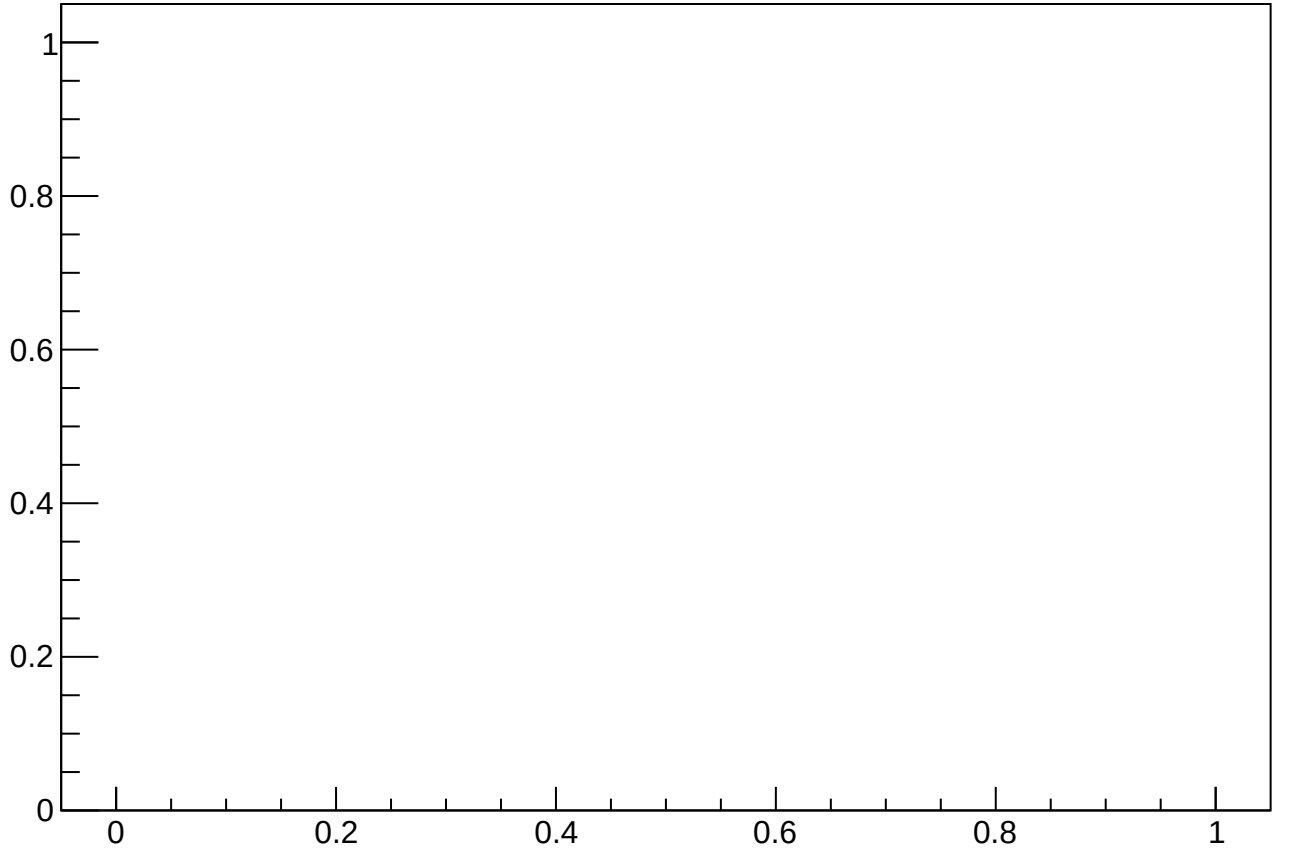
dit_4eX_coil4_mean vs Slug, Sign Corrected



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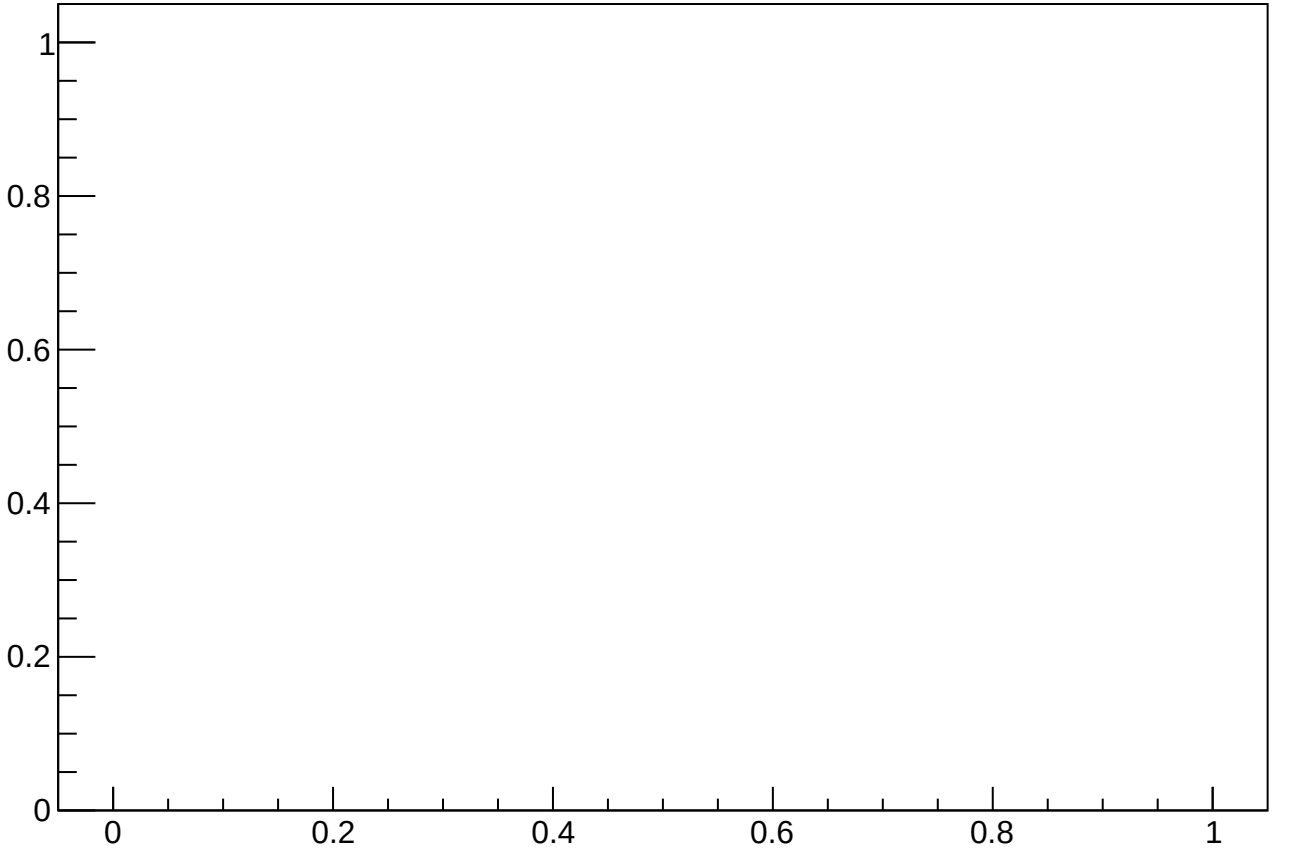
dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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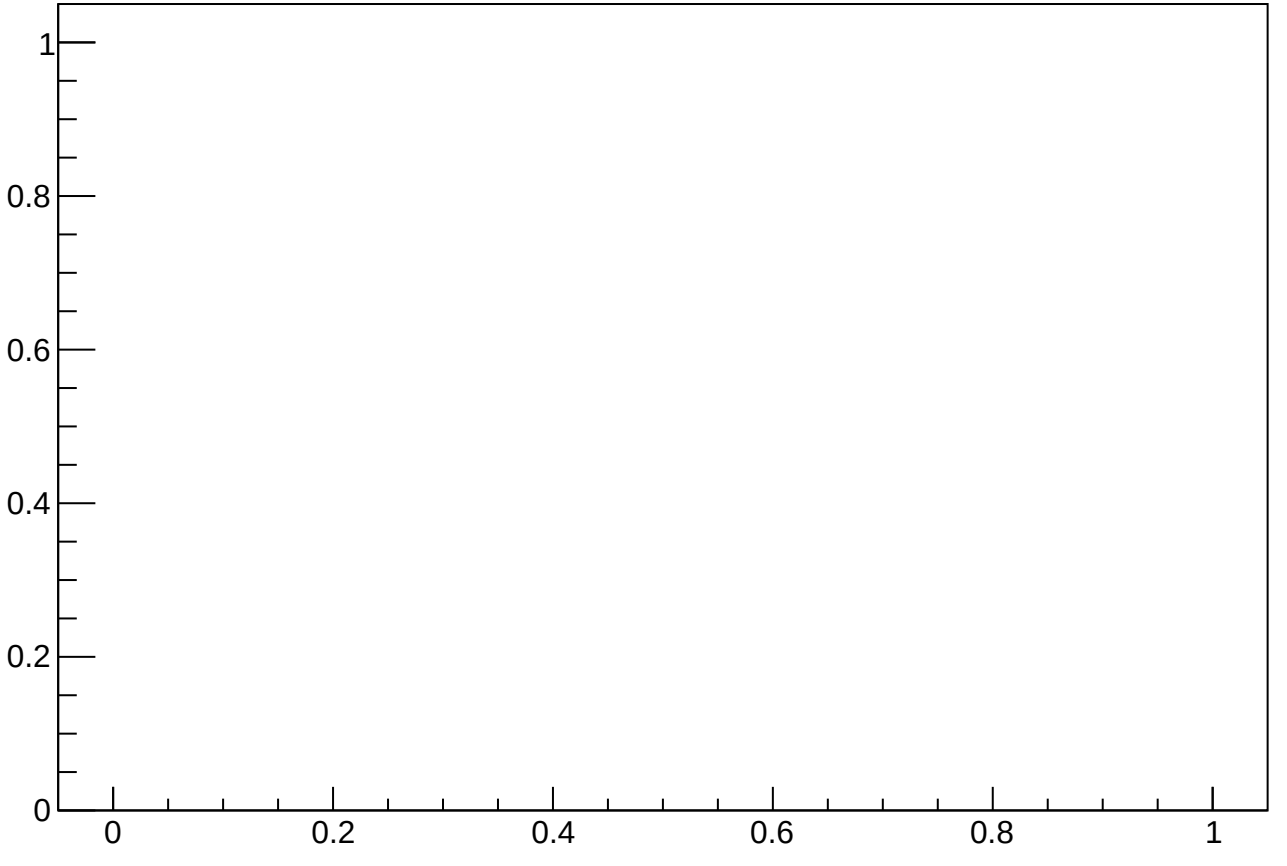
dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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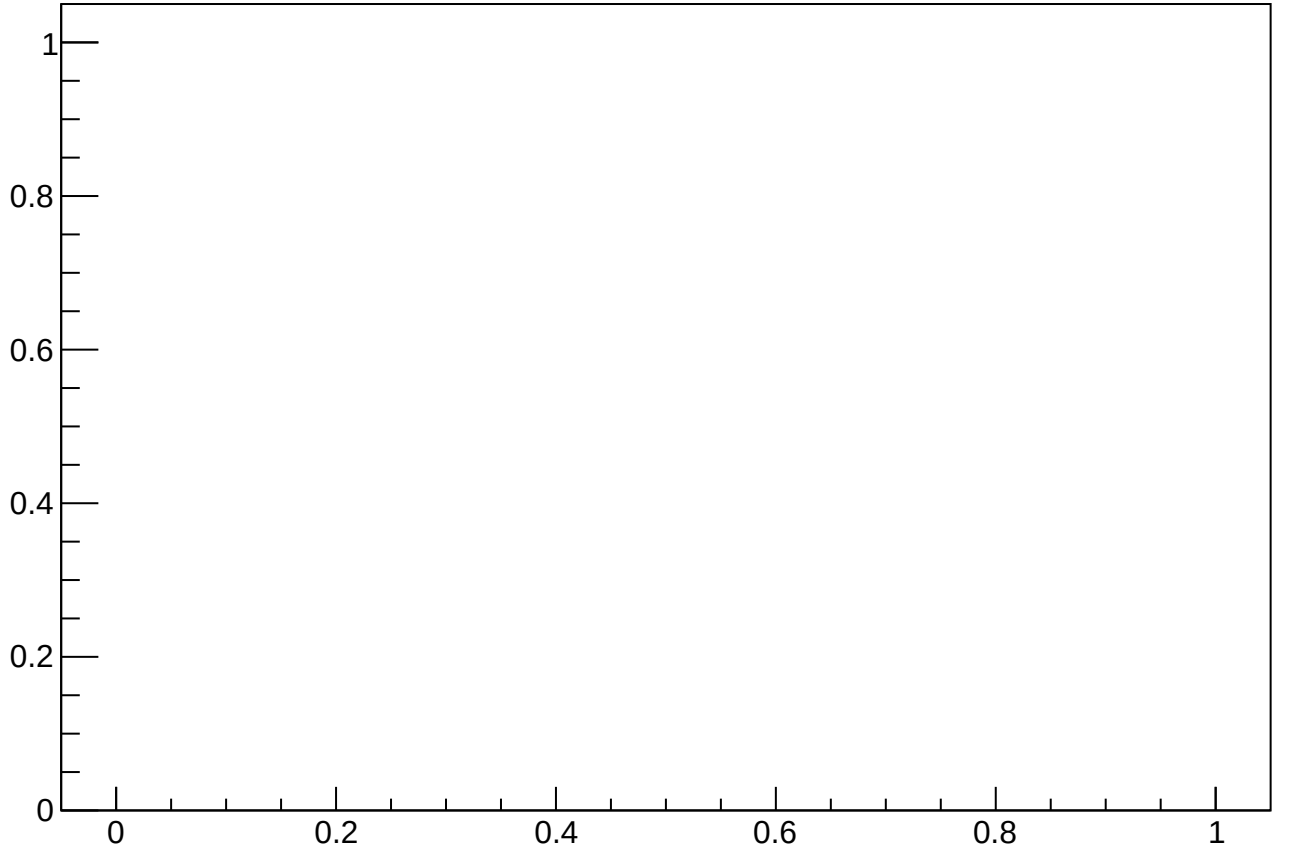
dit_11X12X_coil4_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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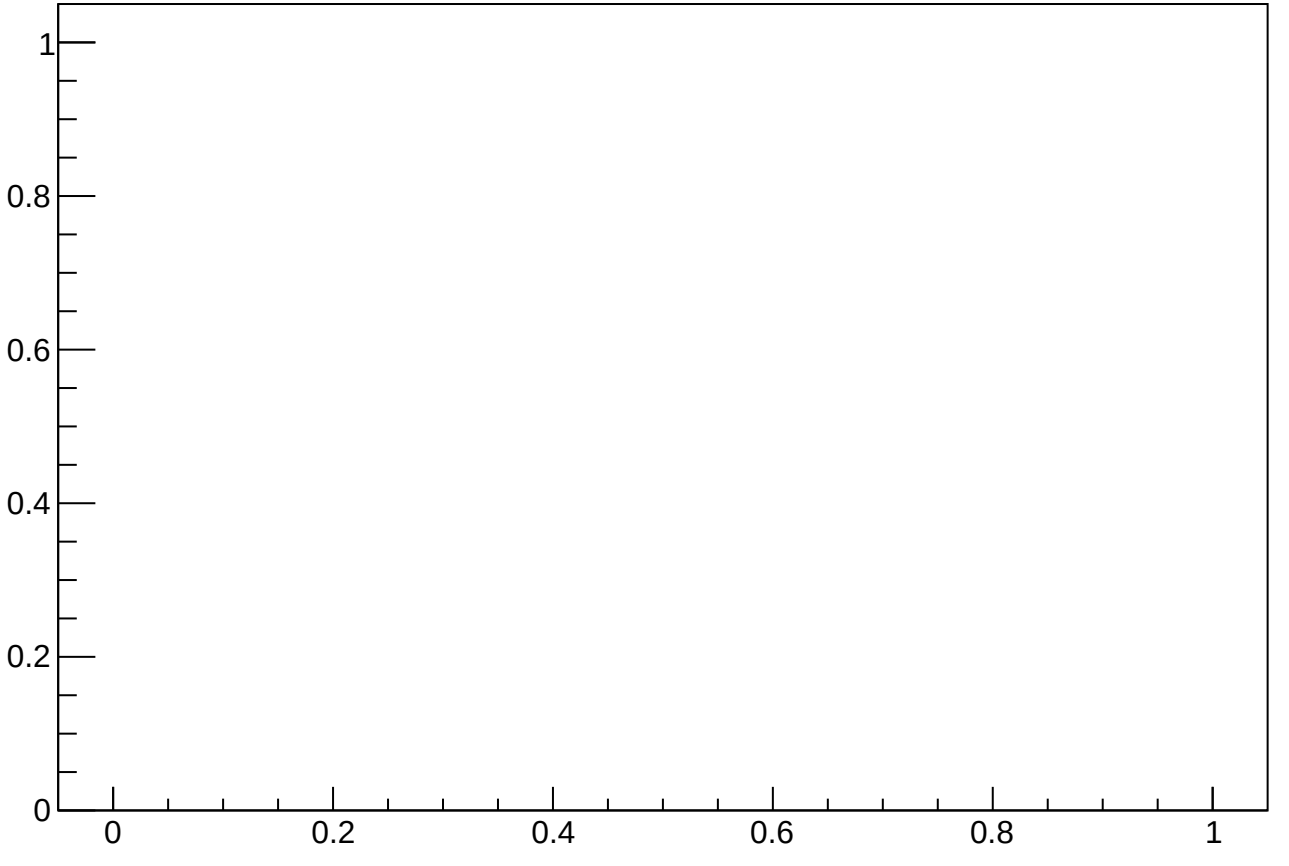
dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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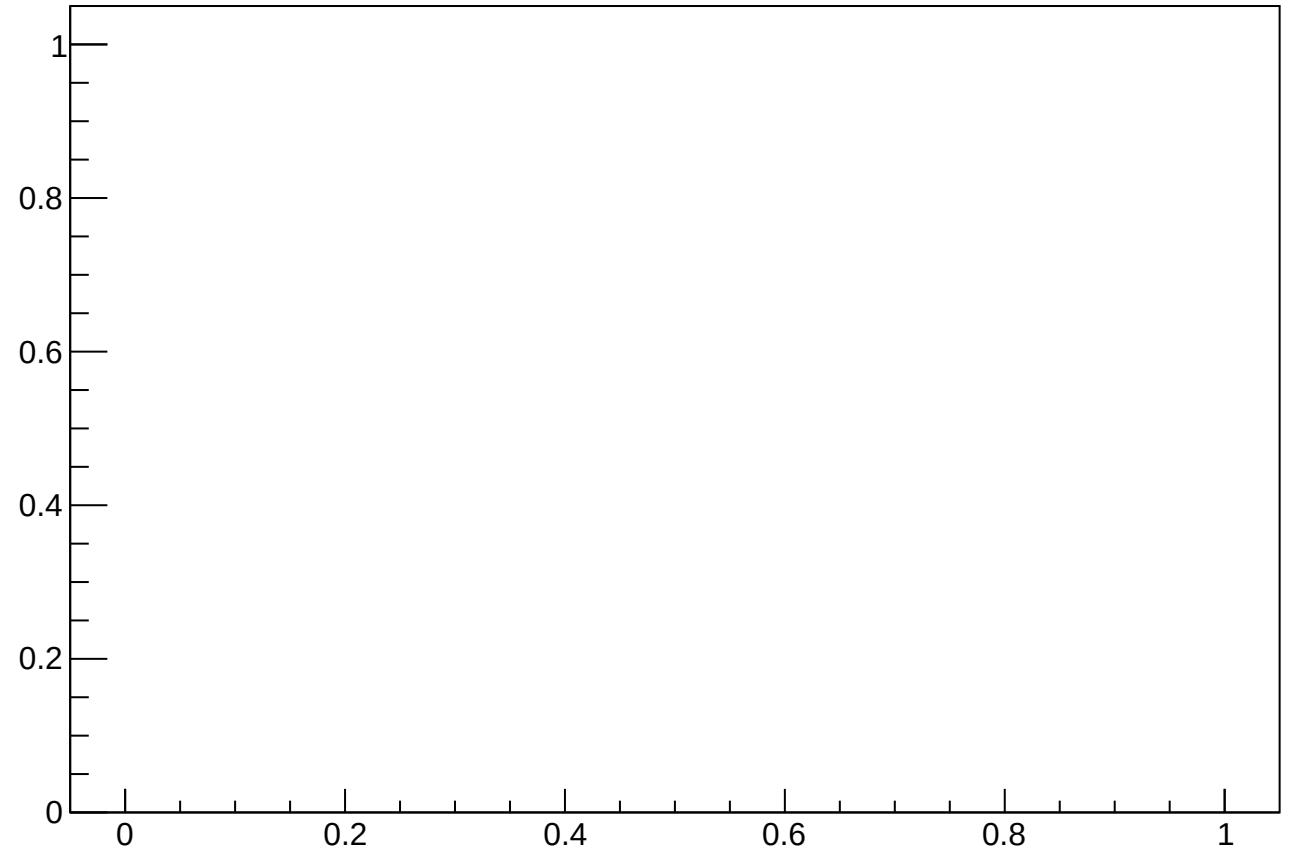

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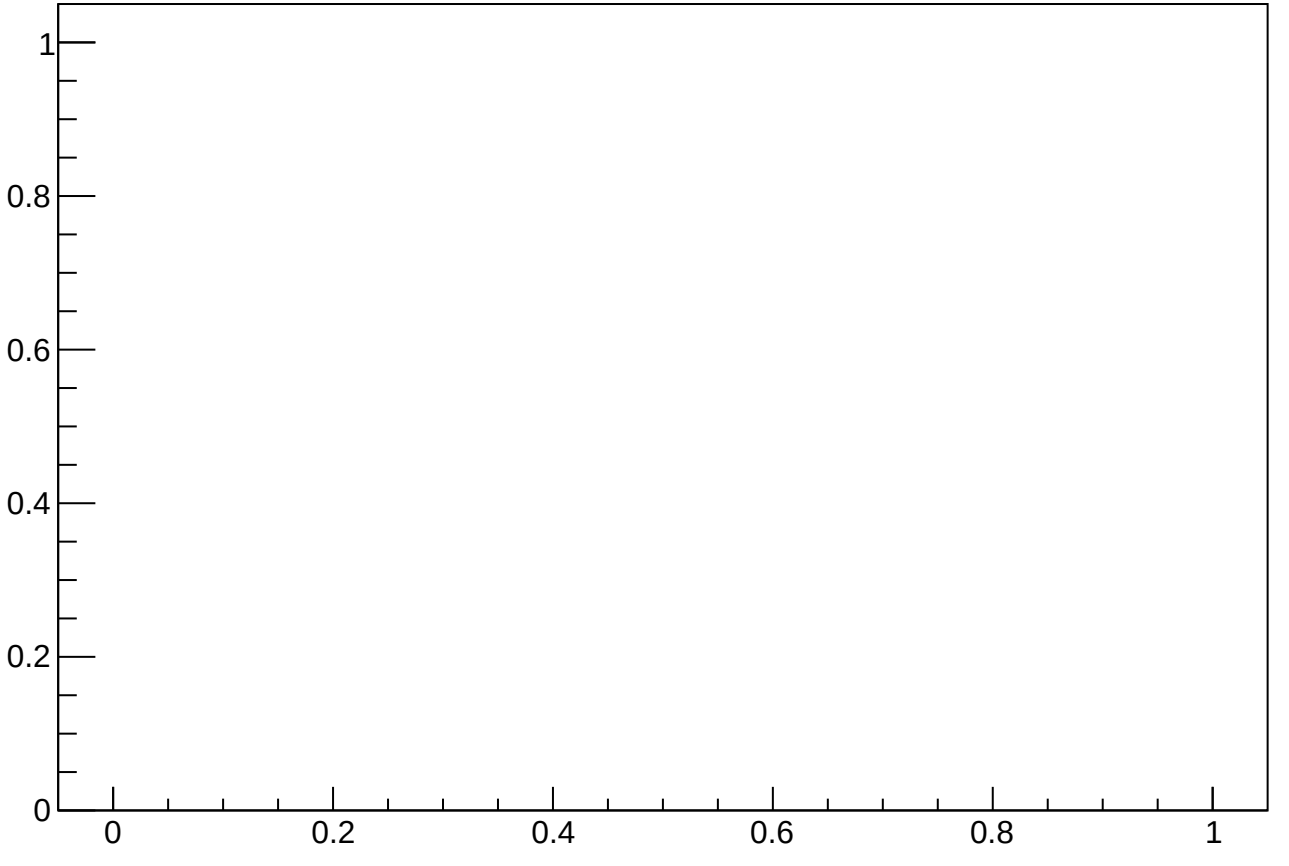
dit_4aY_coil4_mean vs Slug, Sign Corrected



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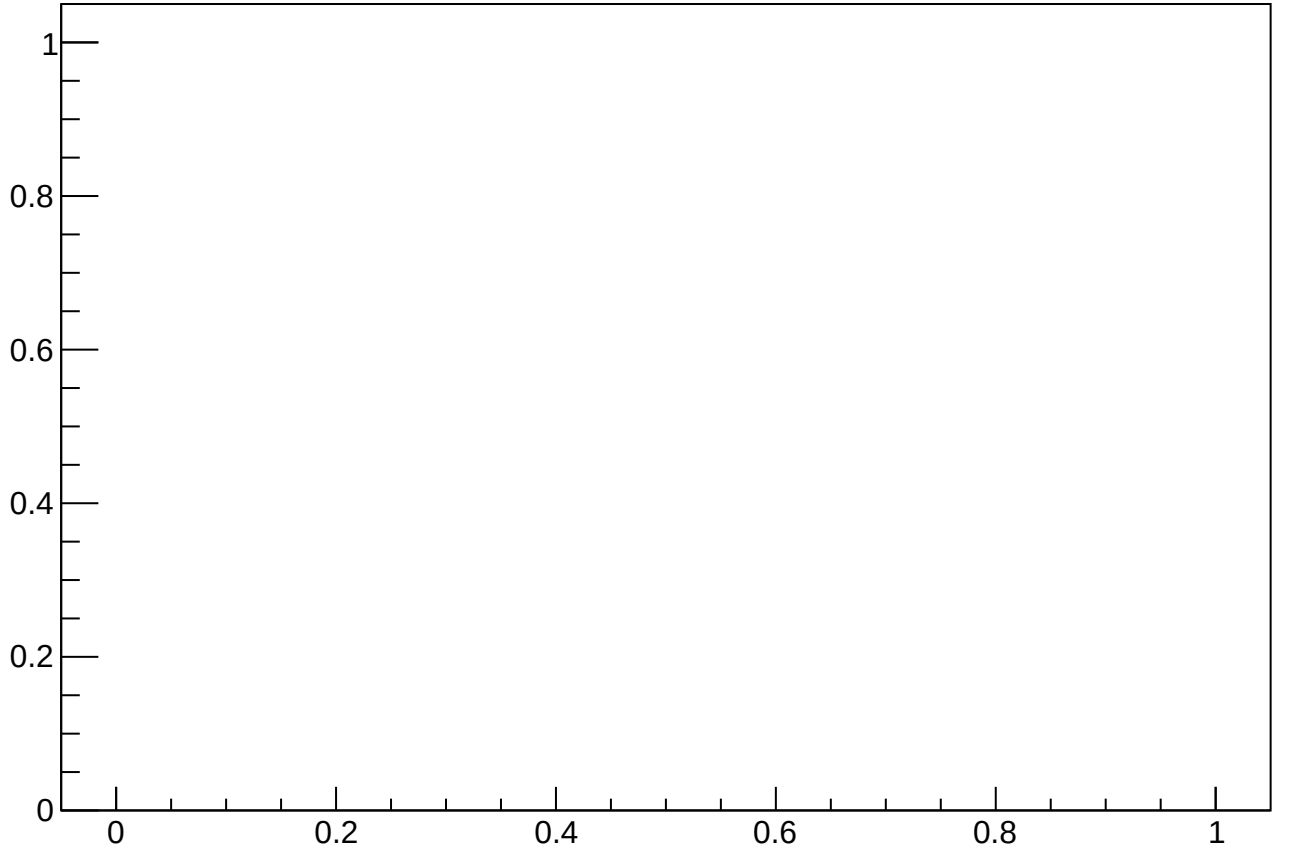
dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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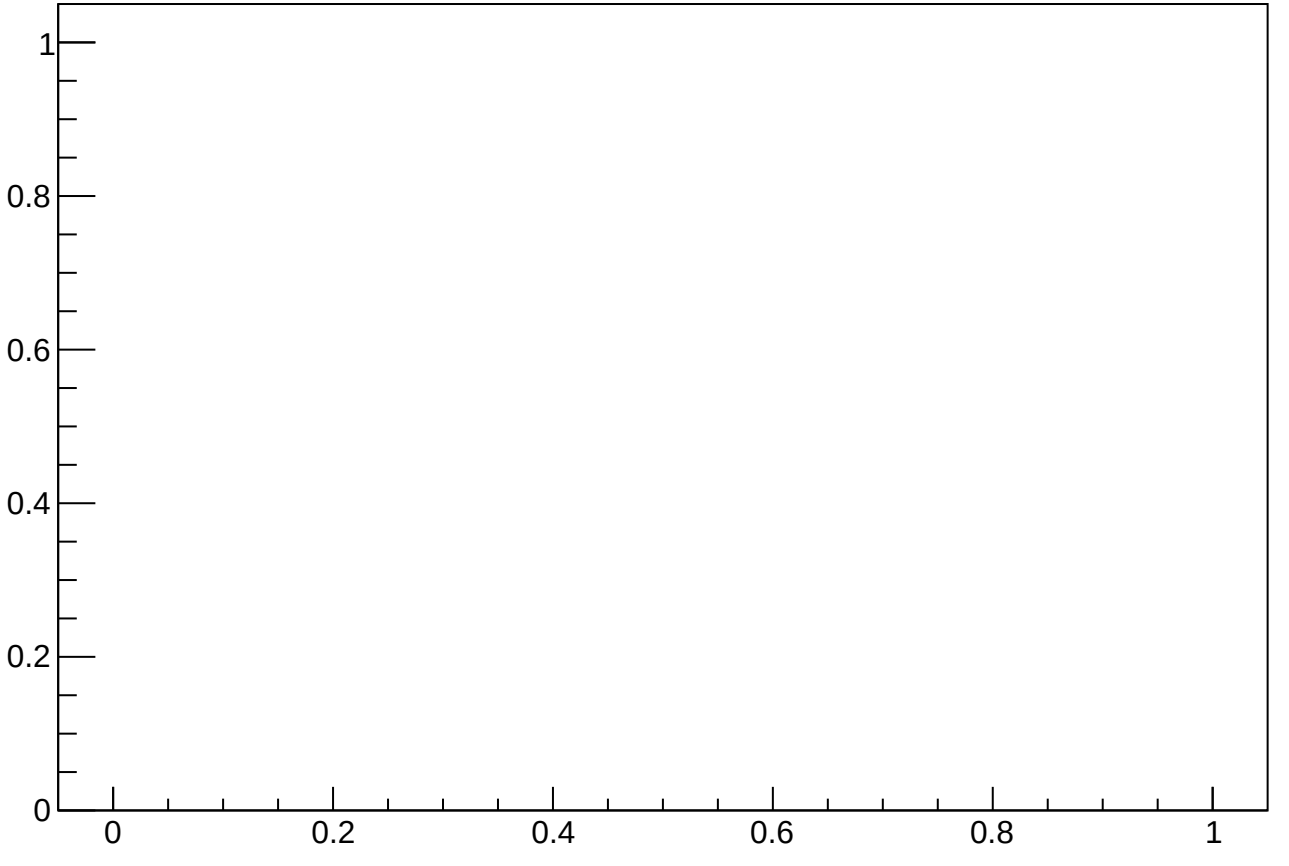
dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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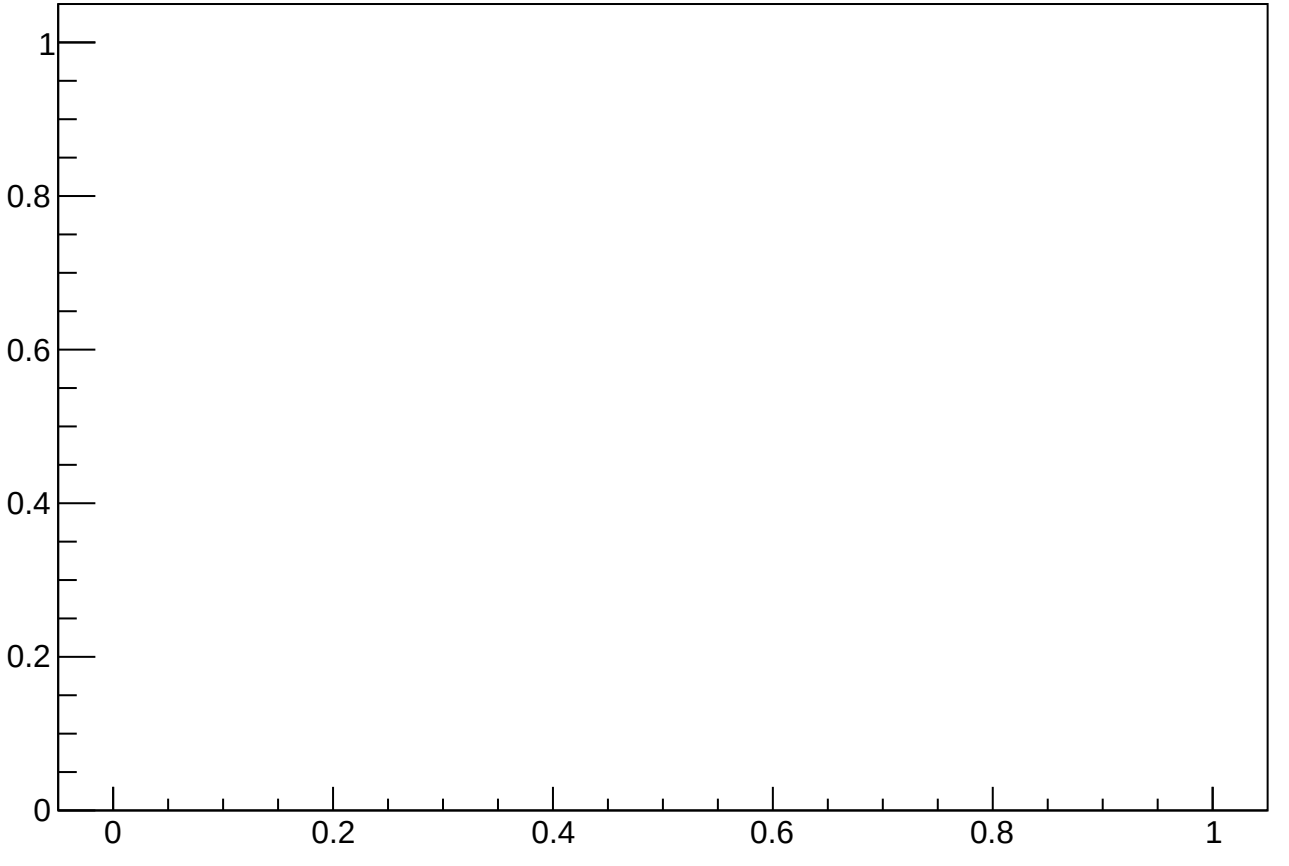
dit_4eY_coil4_mean vs Slug, Sign Corrected



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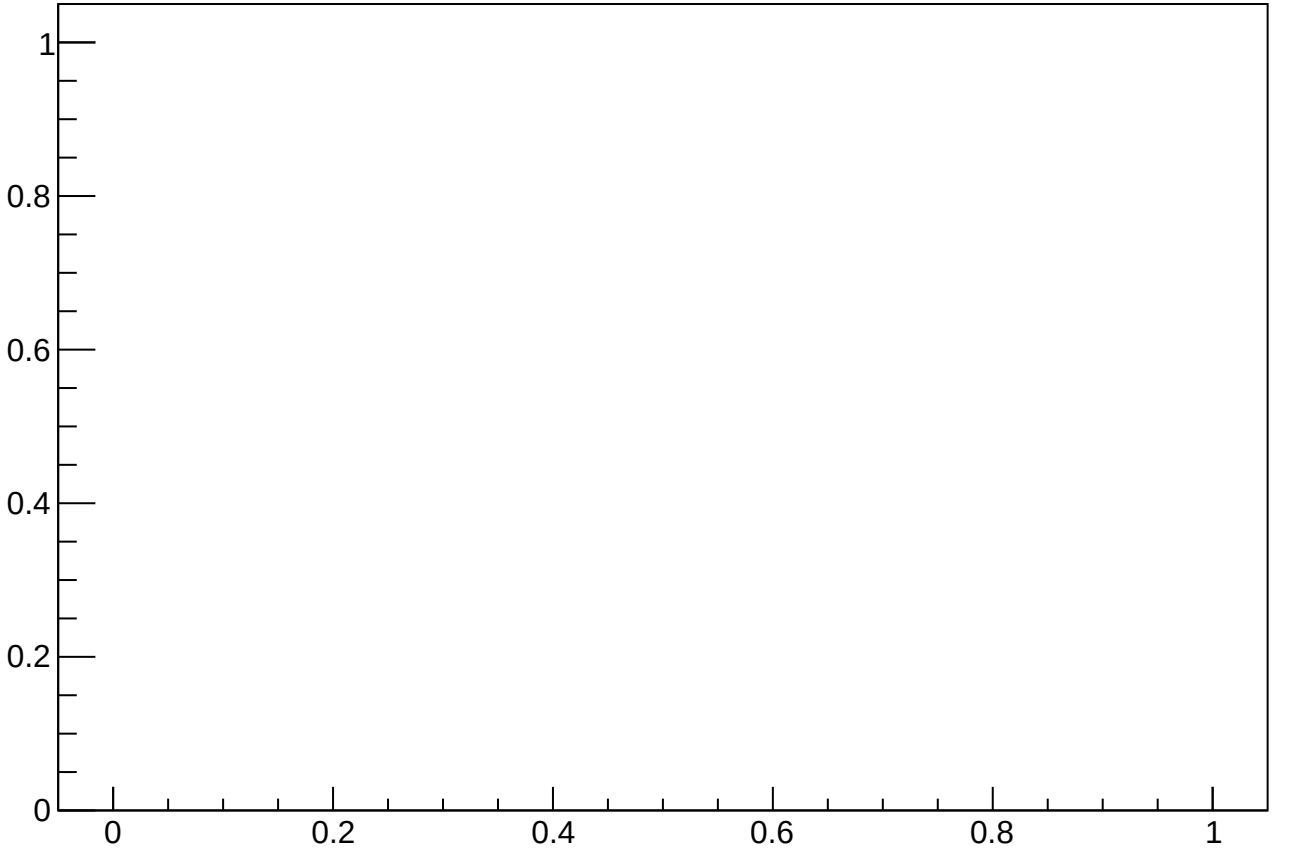
dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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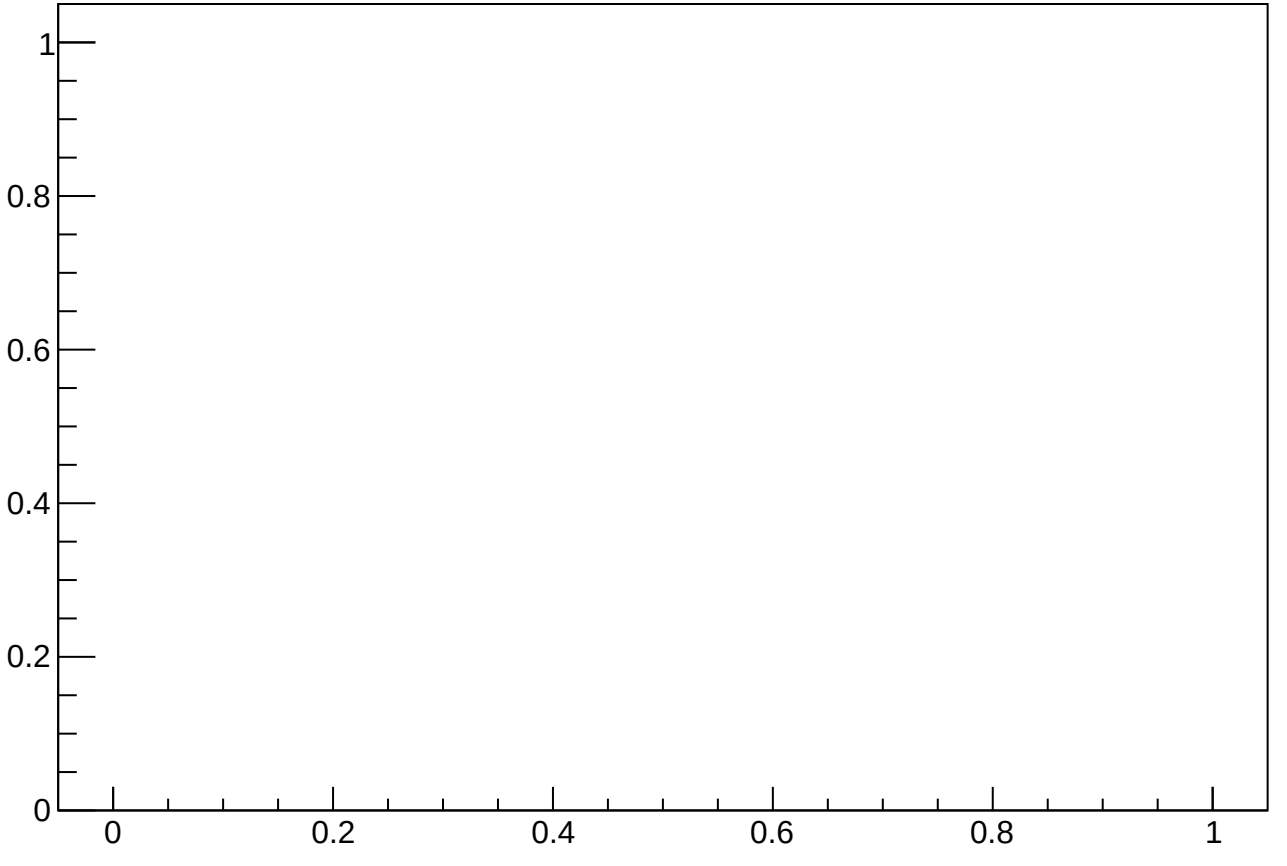
dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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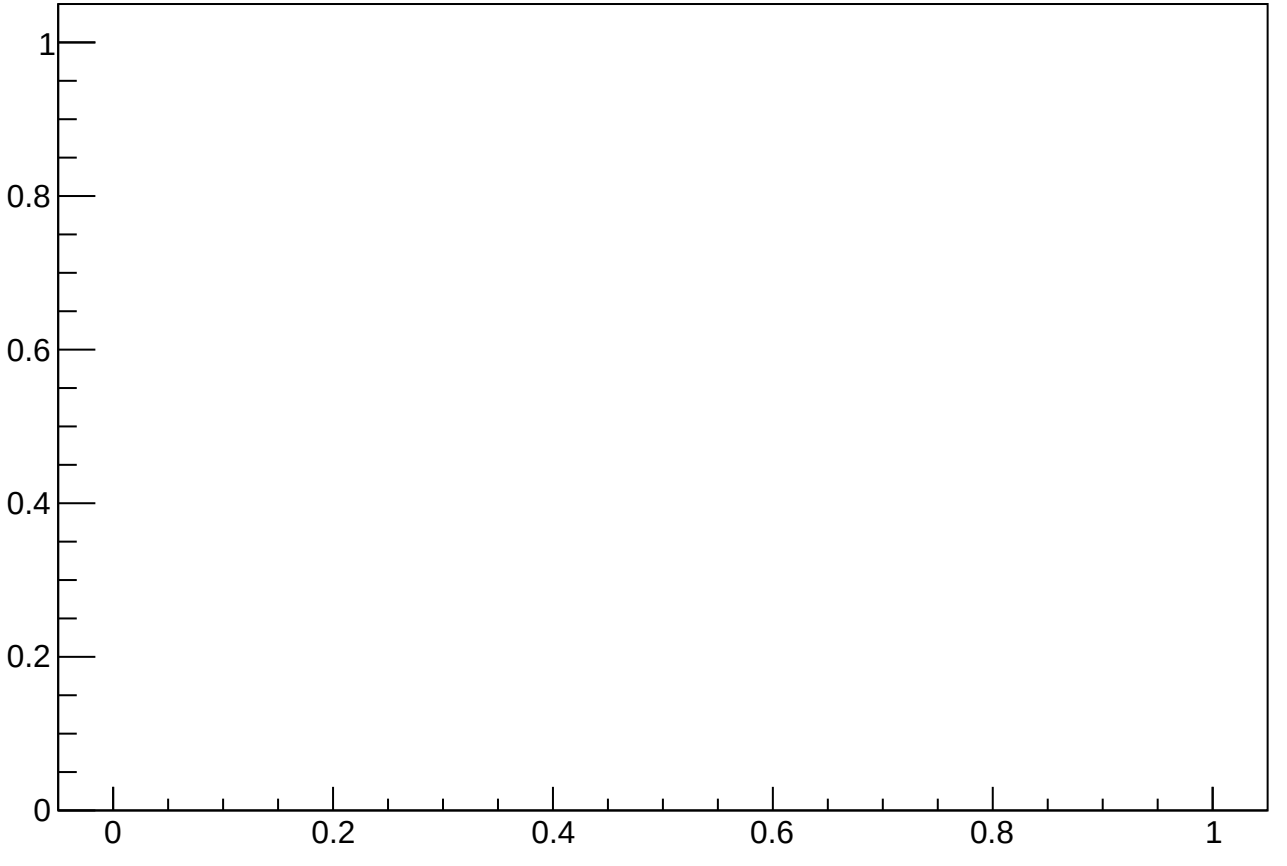
dit_usl_coil4_mean vs Slug, Sign Corrected



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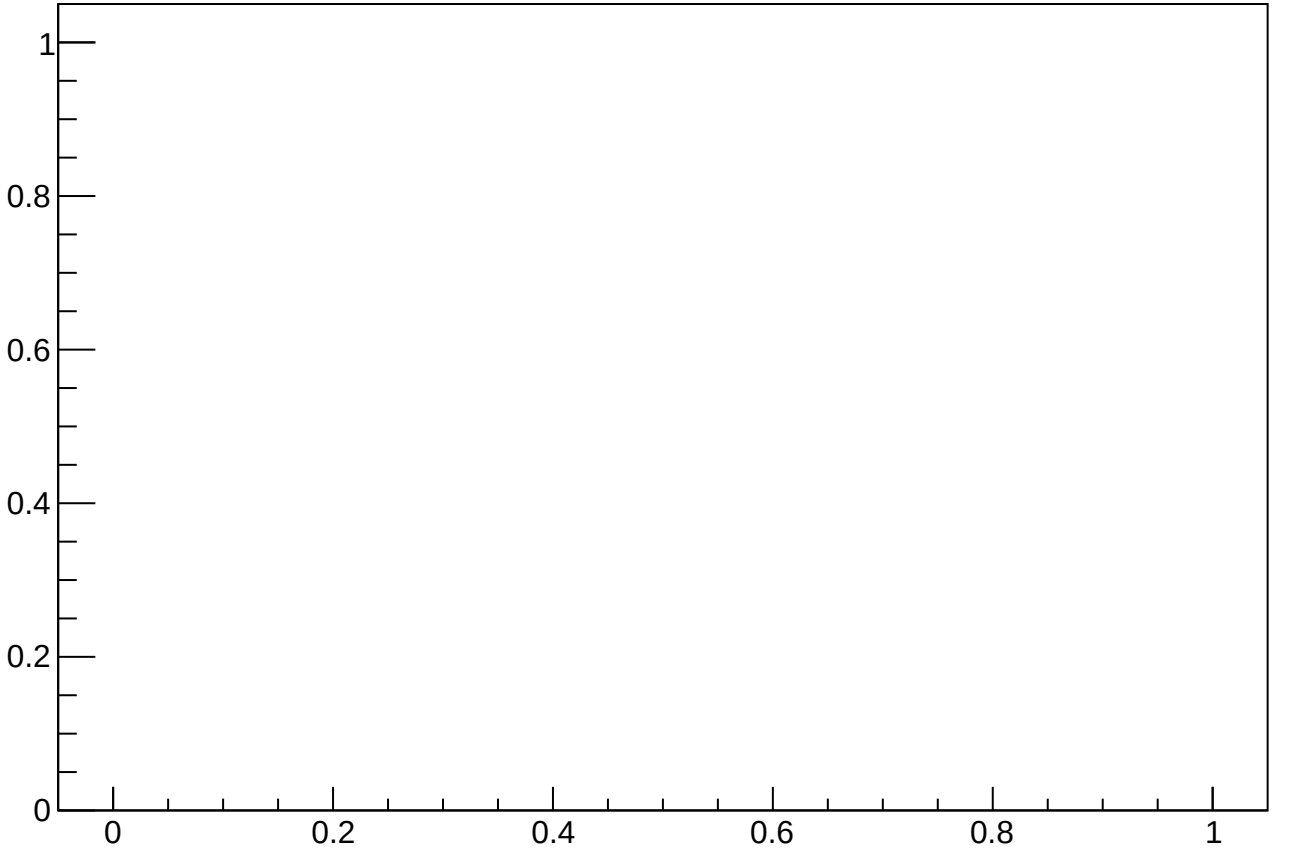
dit_usl_coil4_err_mean vs Slug, Sign Corrected



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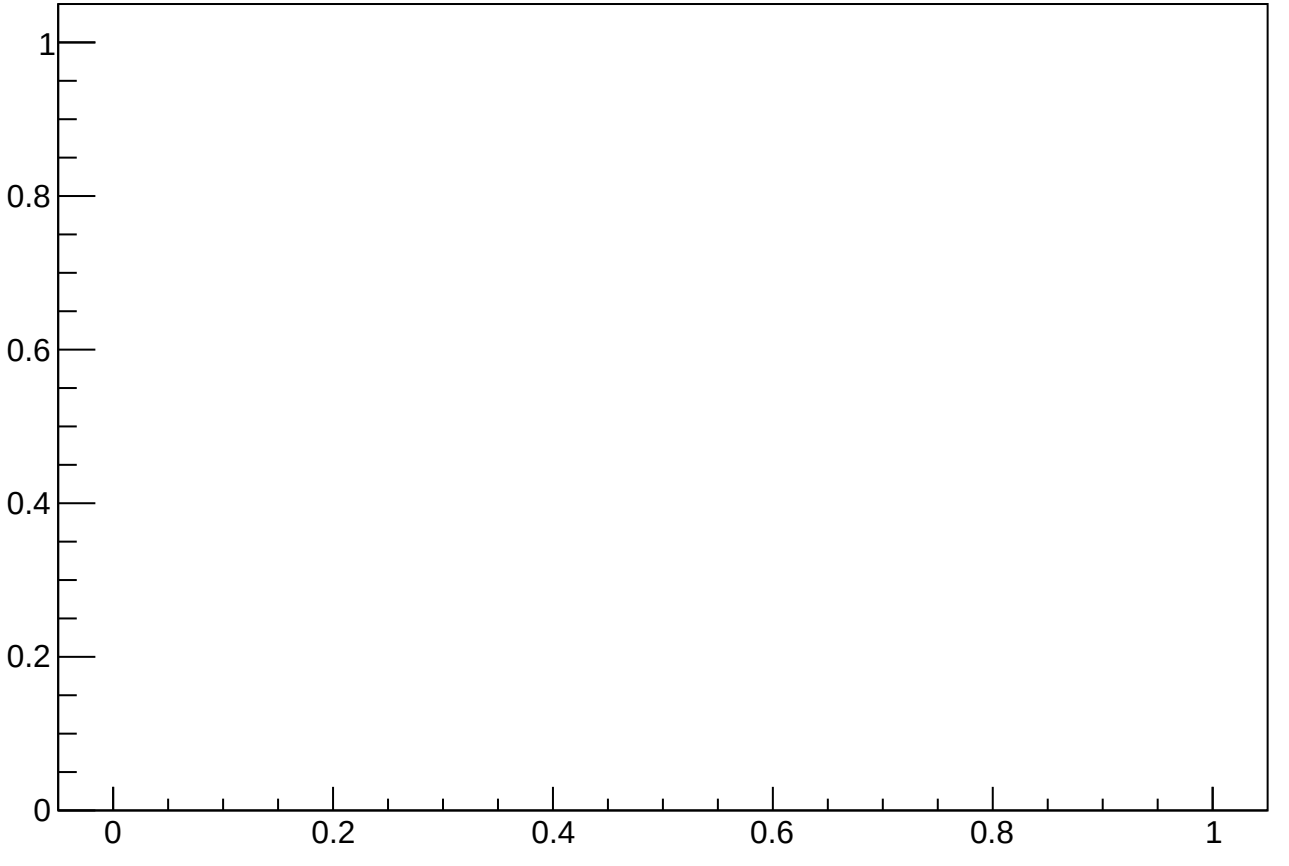
dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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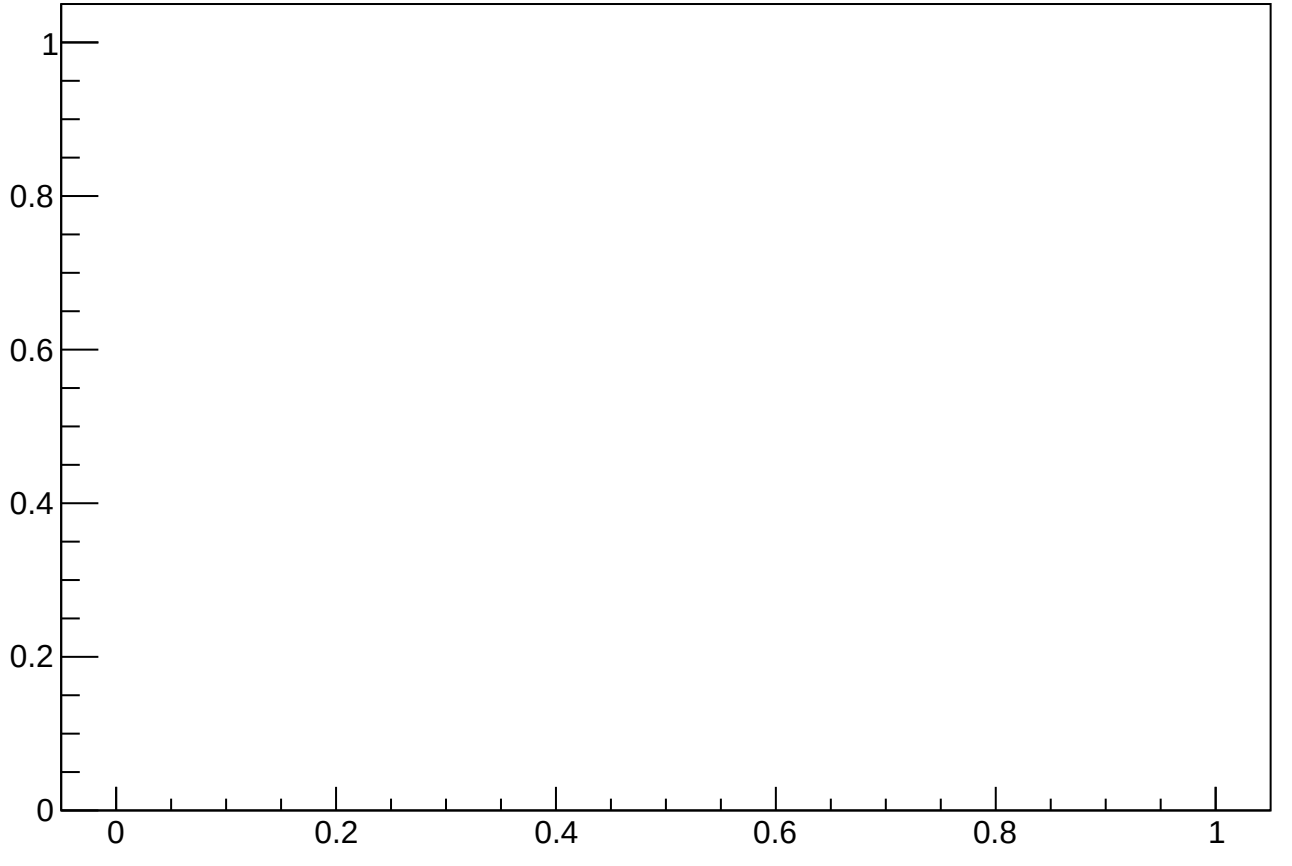
dit_usr_coil4_mean vs Slug, Sign Corrected



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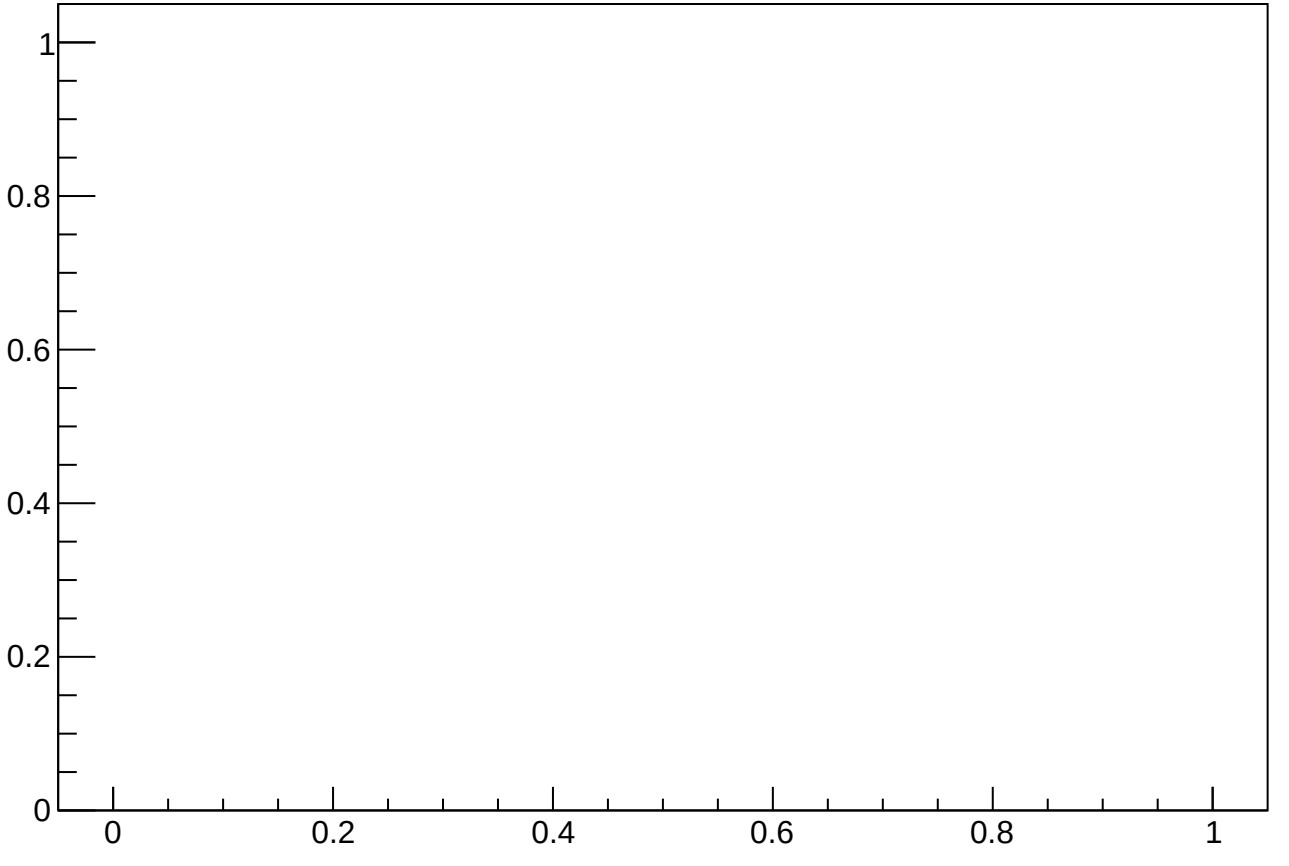
dit_usr_coil4_err_mean vs Slug, Sign Corrected



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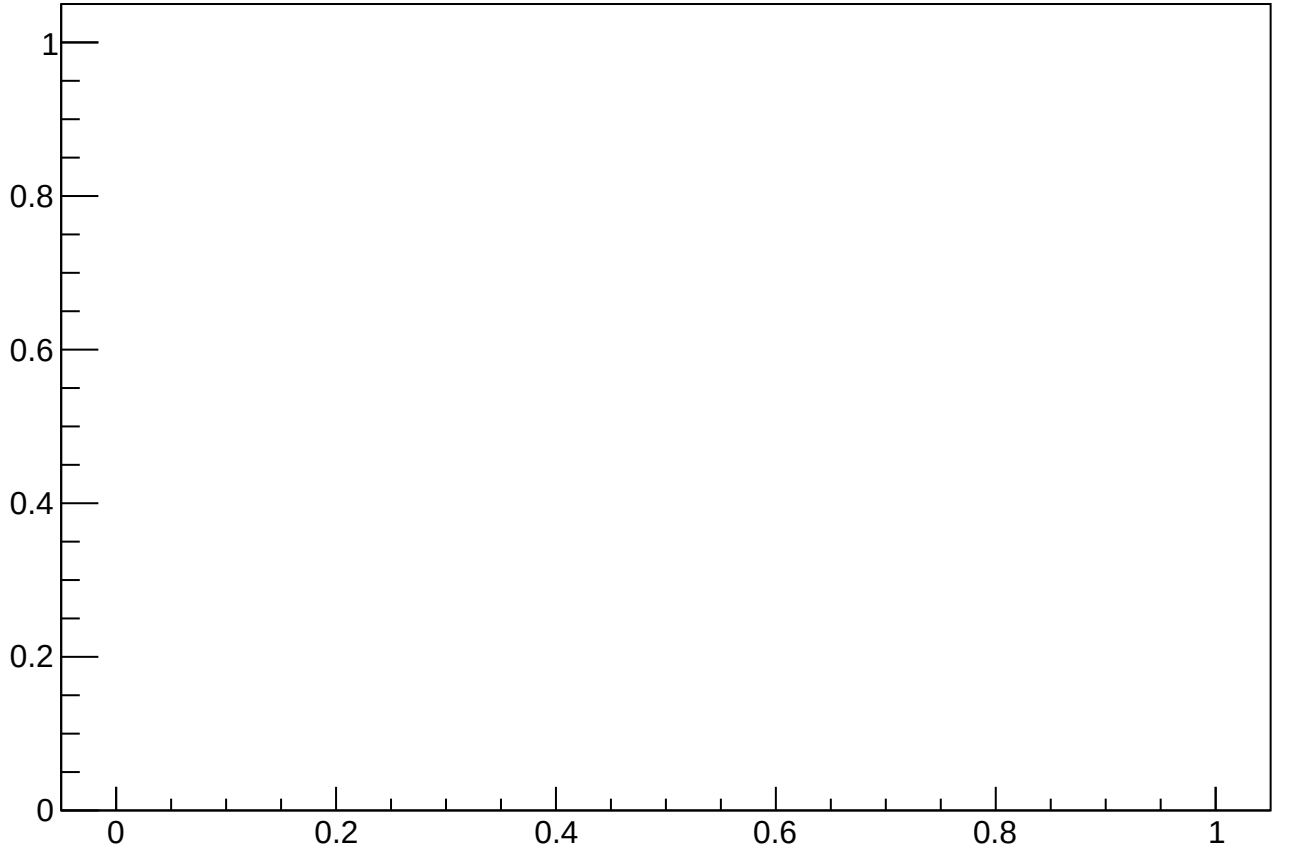
dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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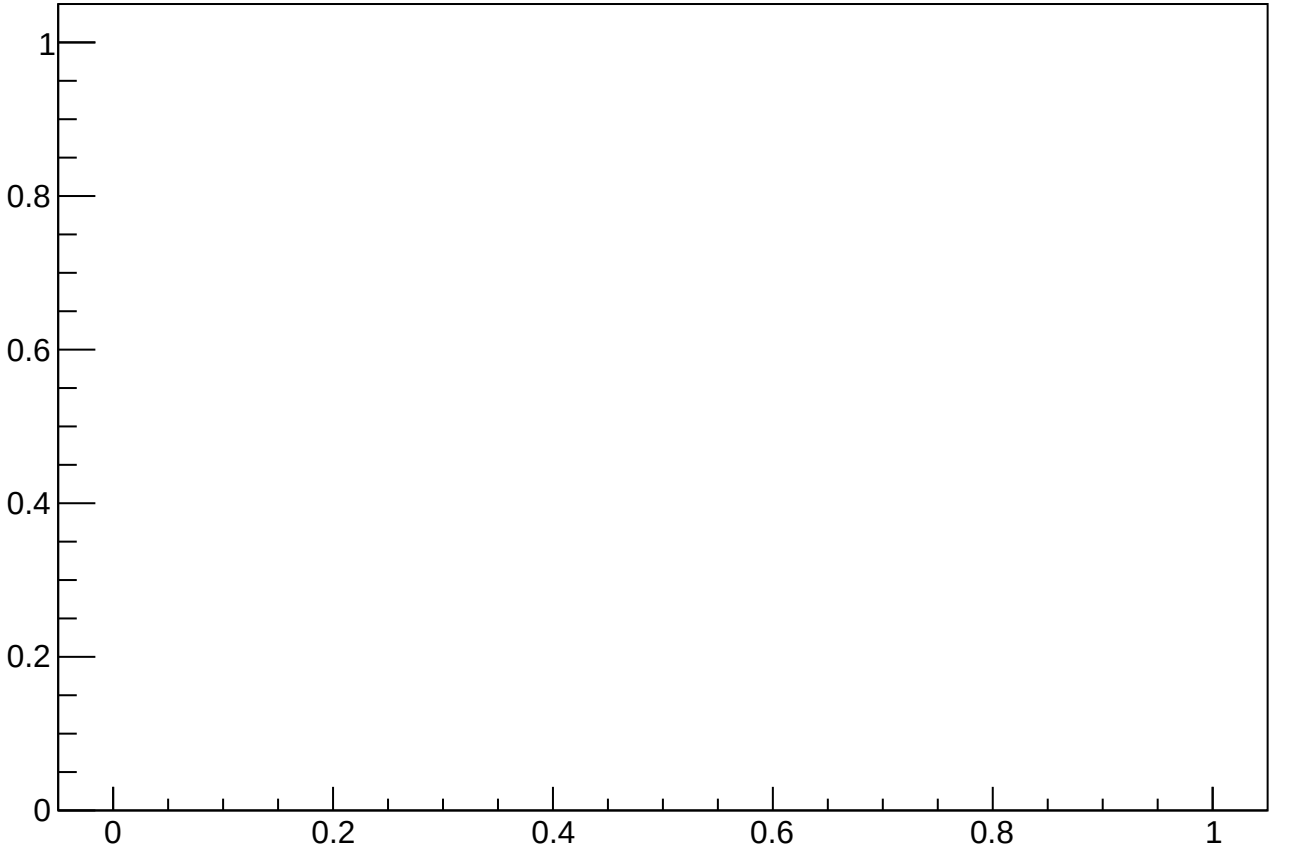
dit_atl1_coil4_mean vs Slug, Sign Corrected



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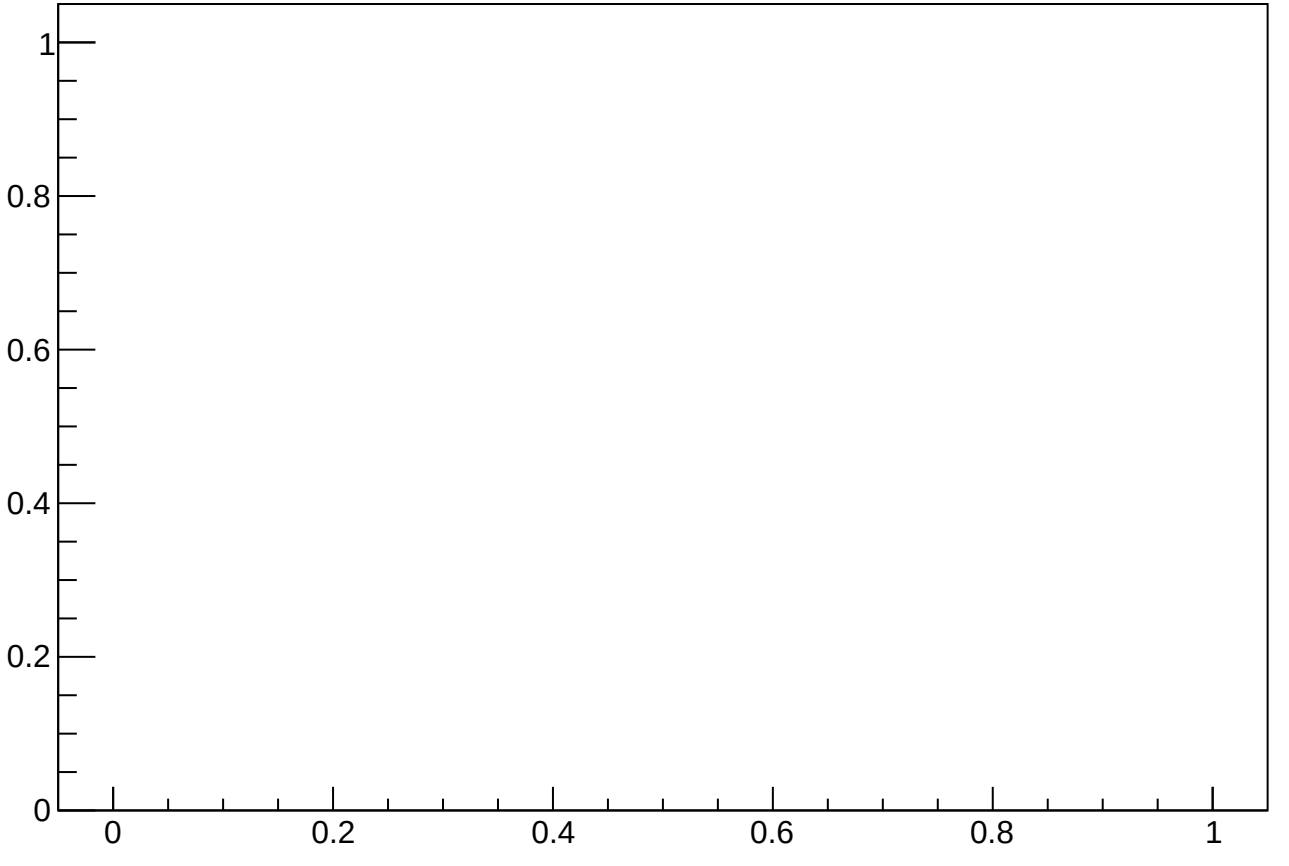
dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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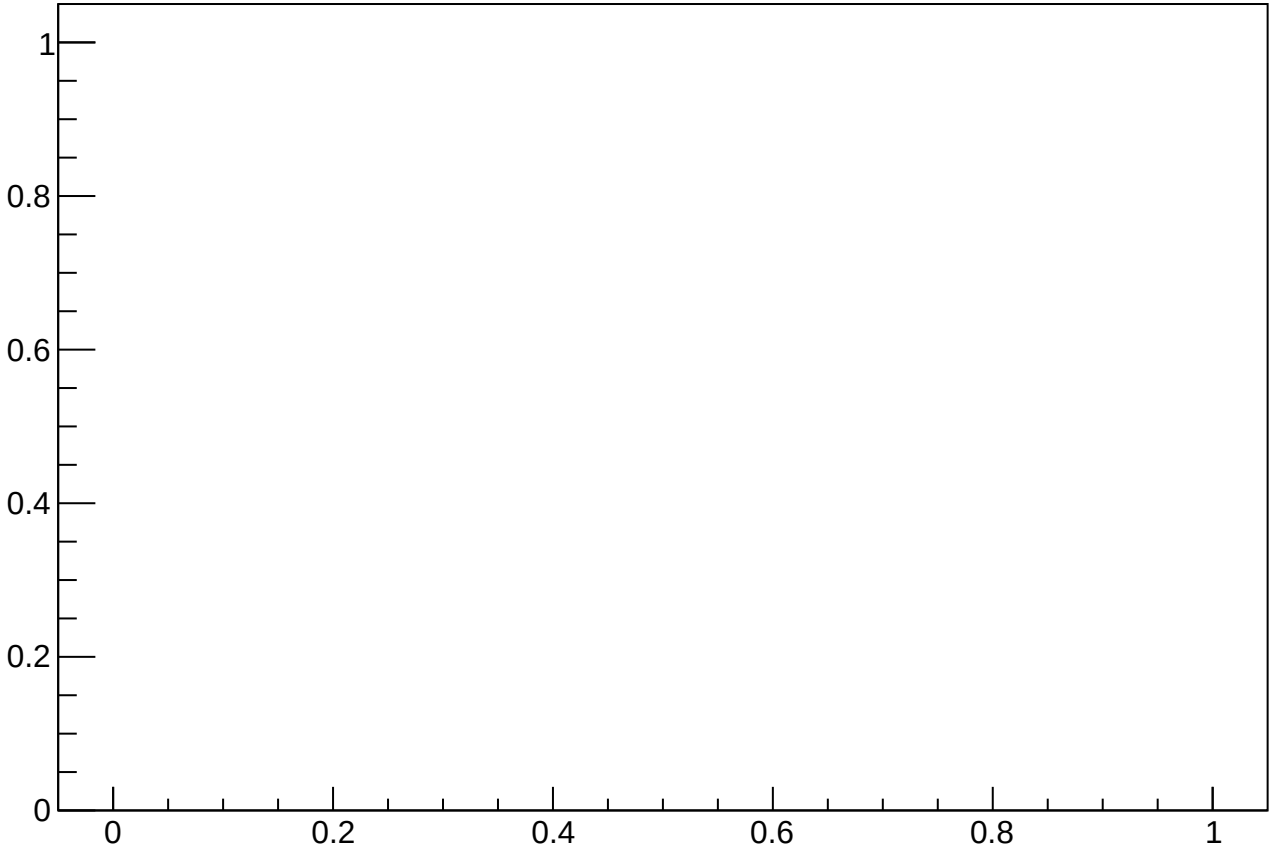

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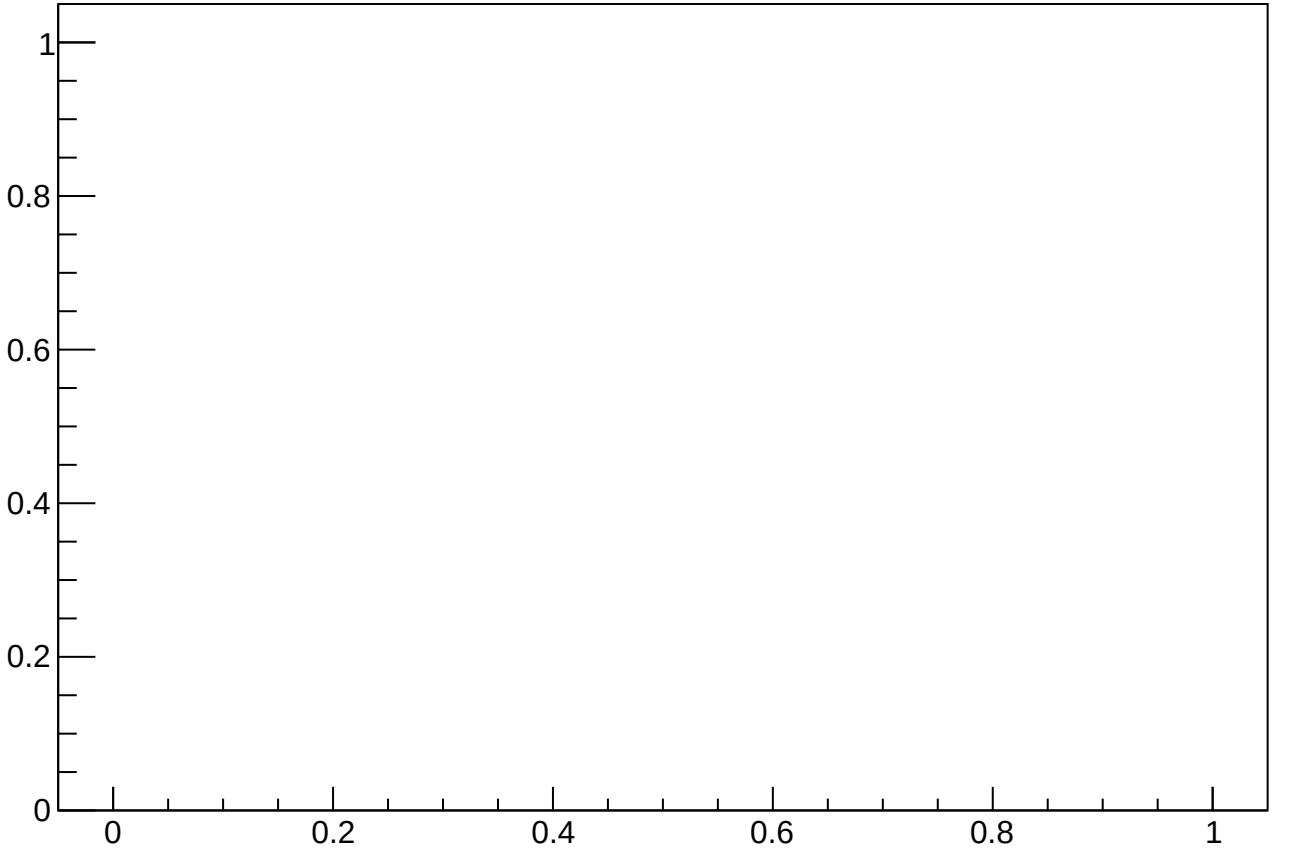

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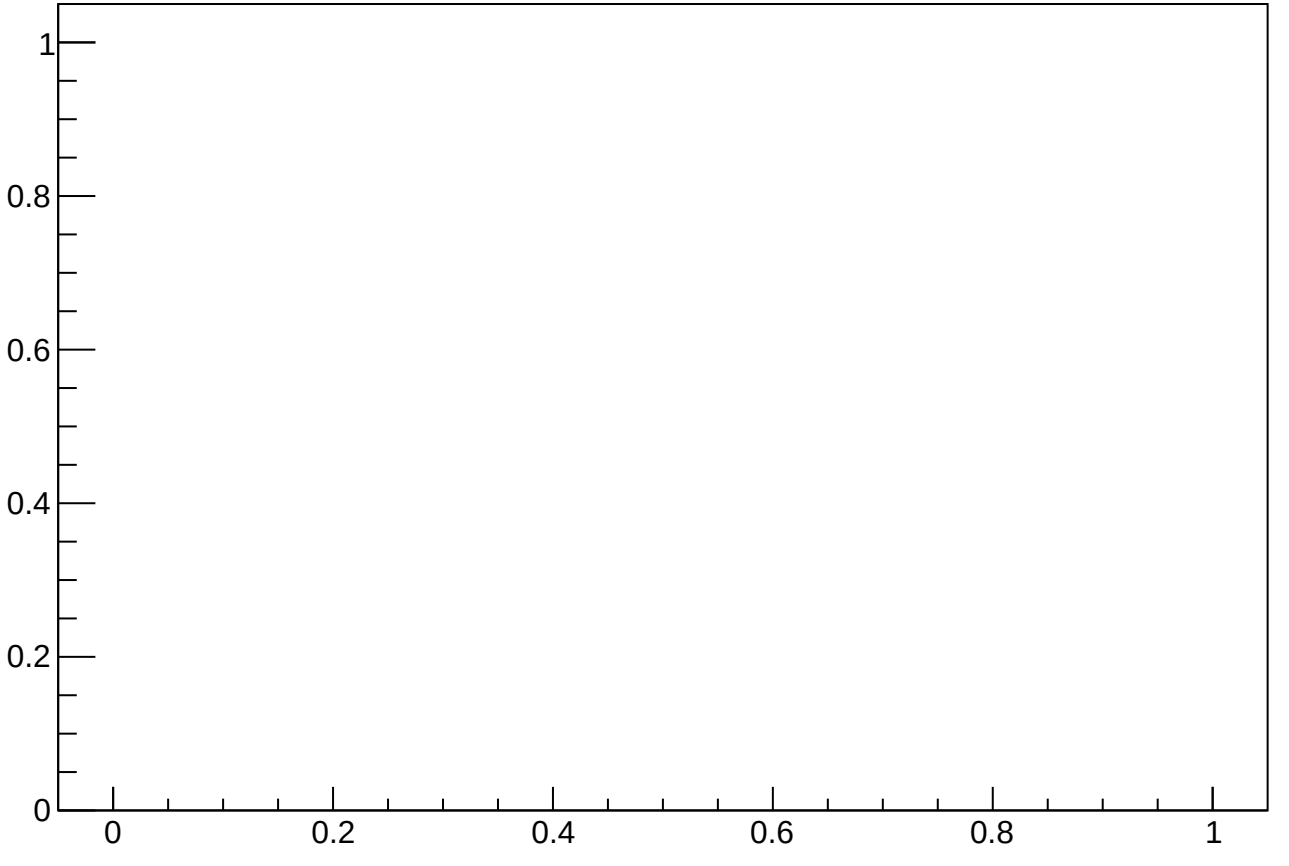

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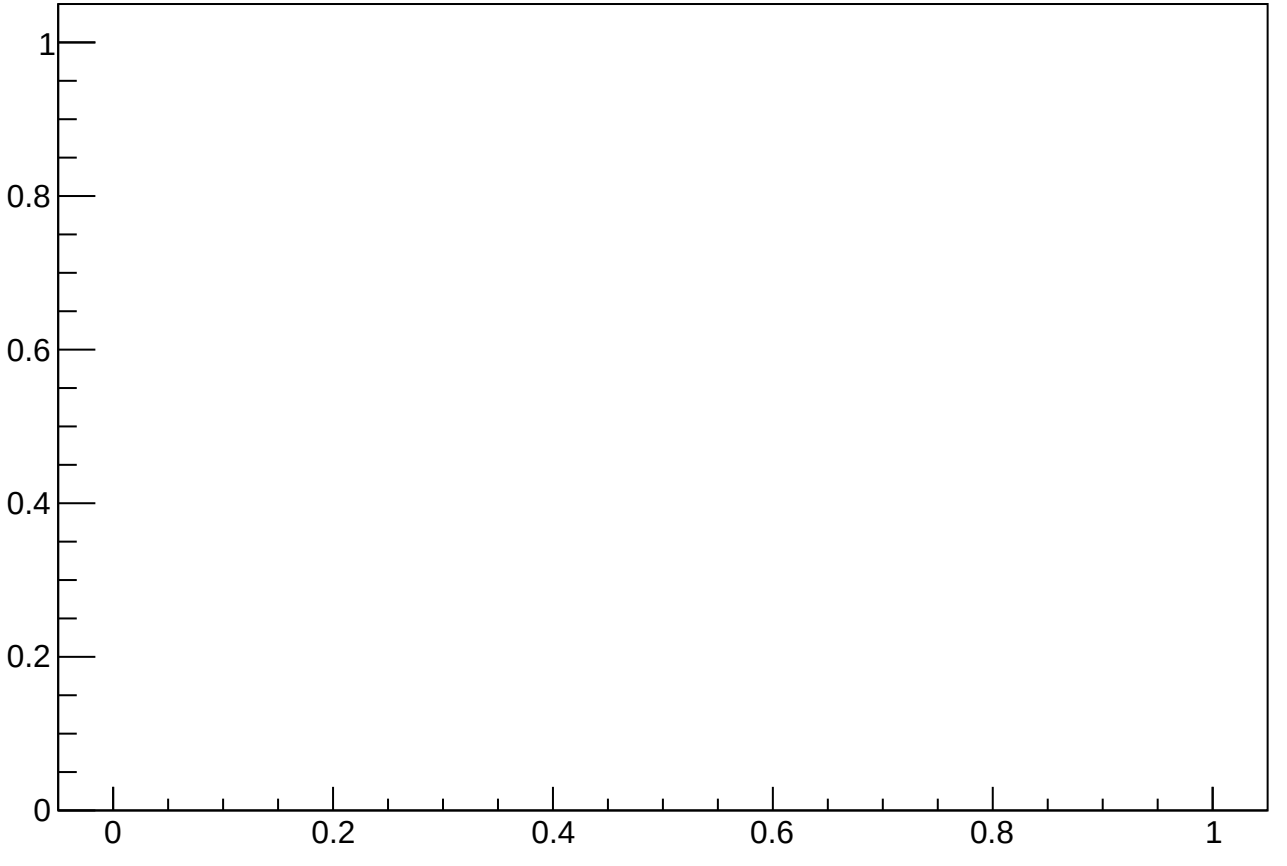
dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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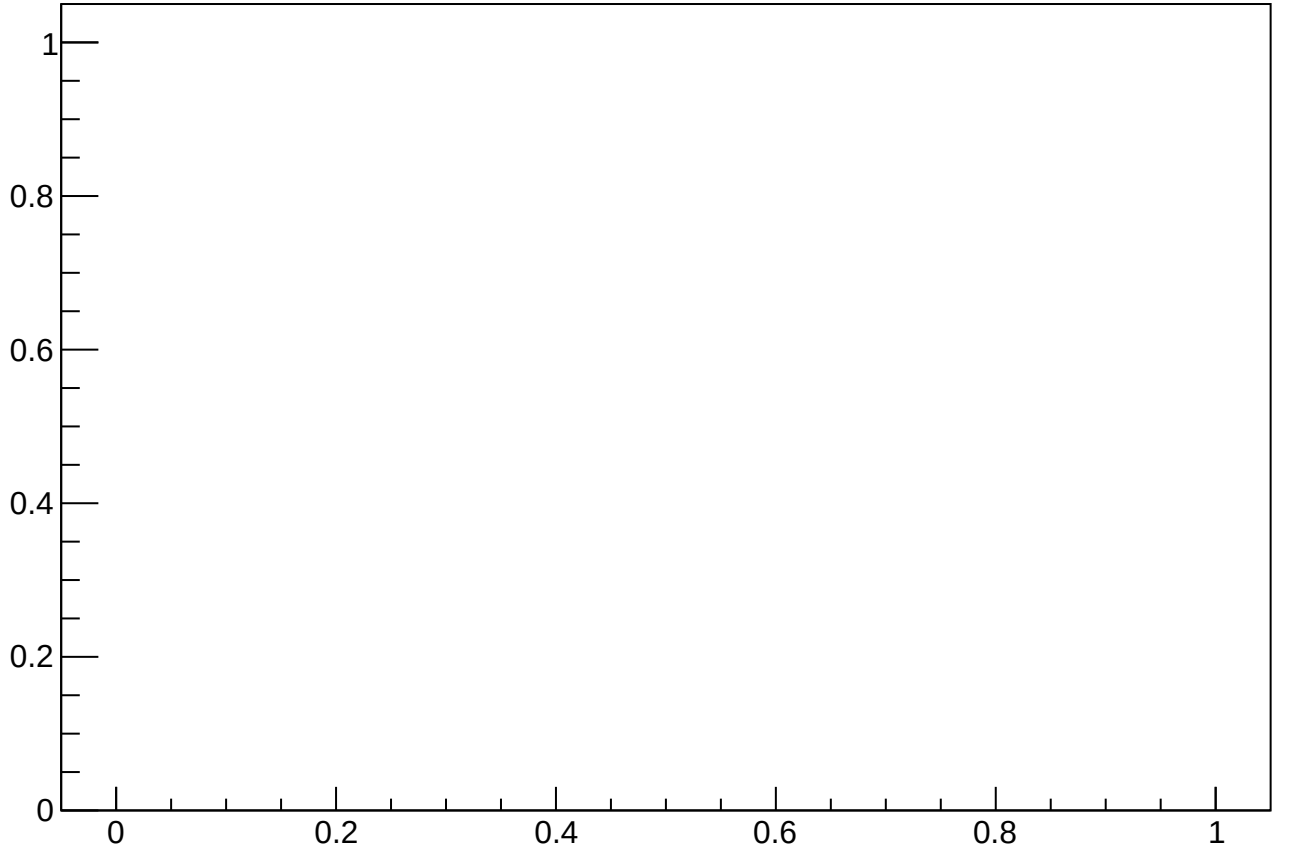
dit_atr1_coil4_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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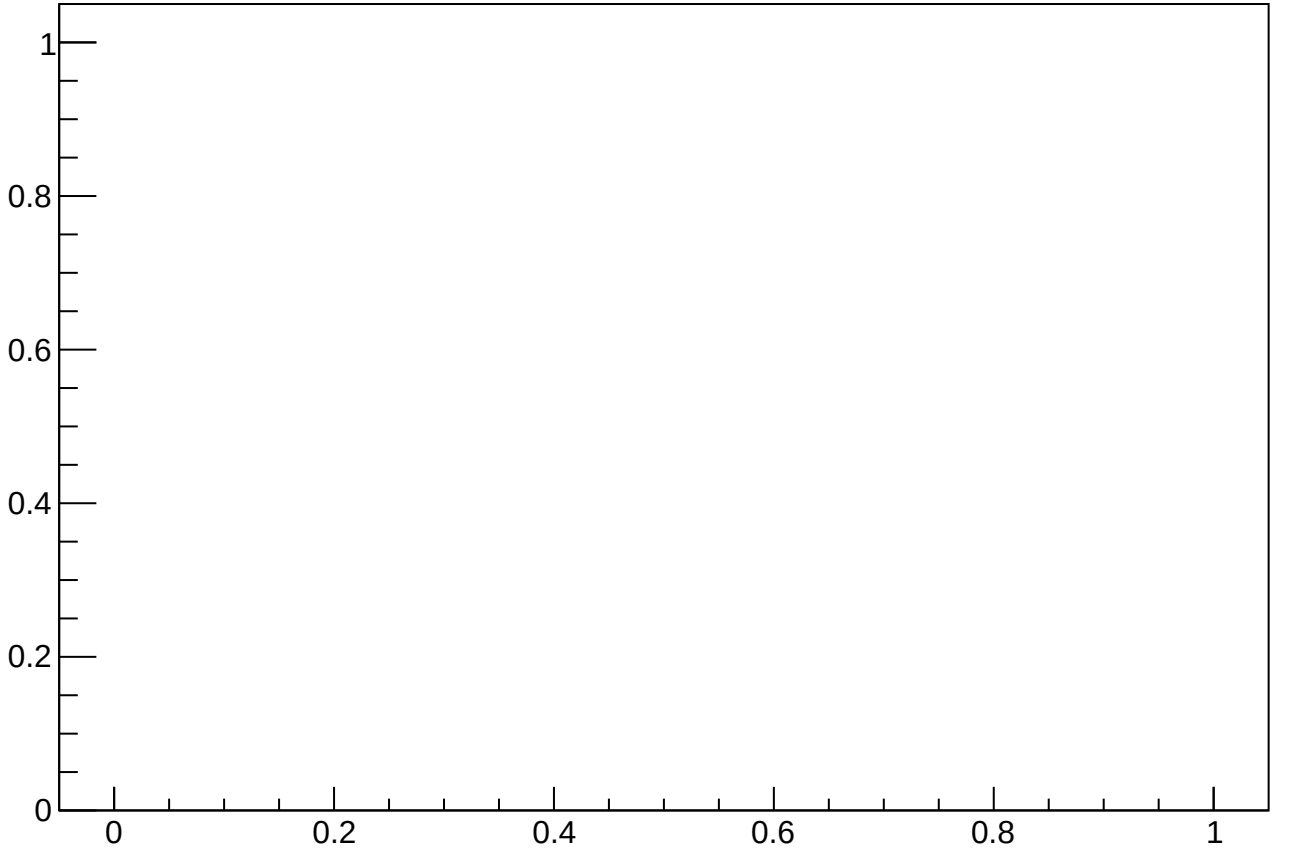
dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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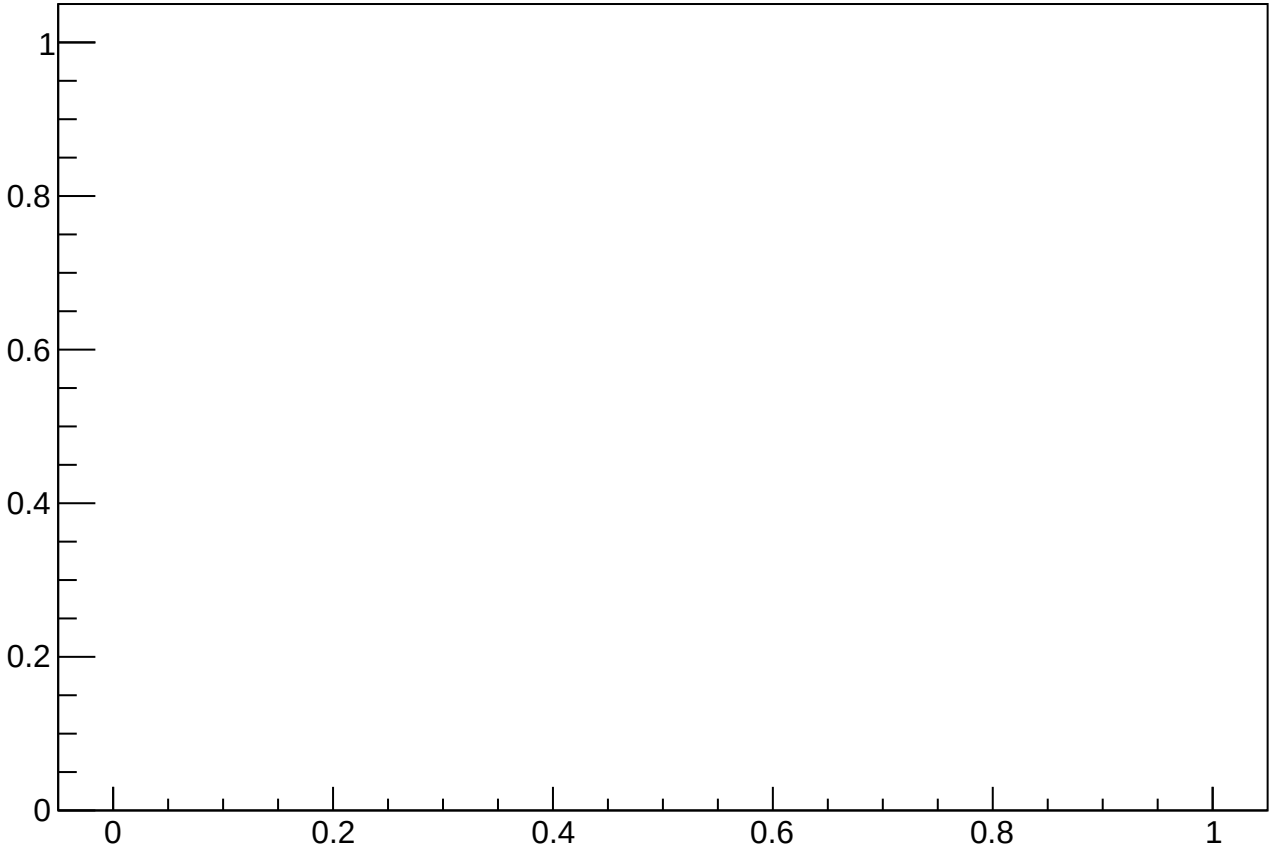
dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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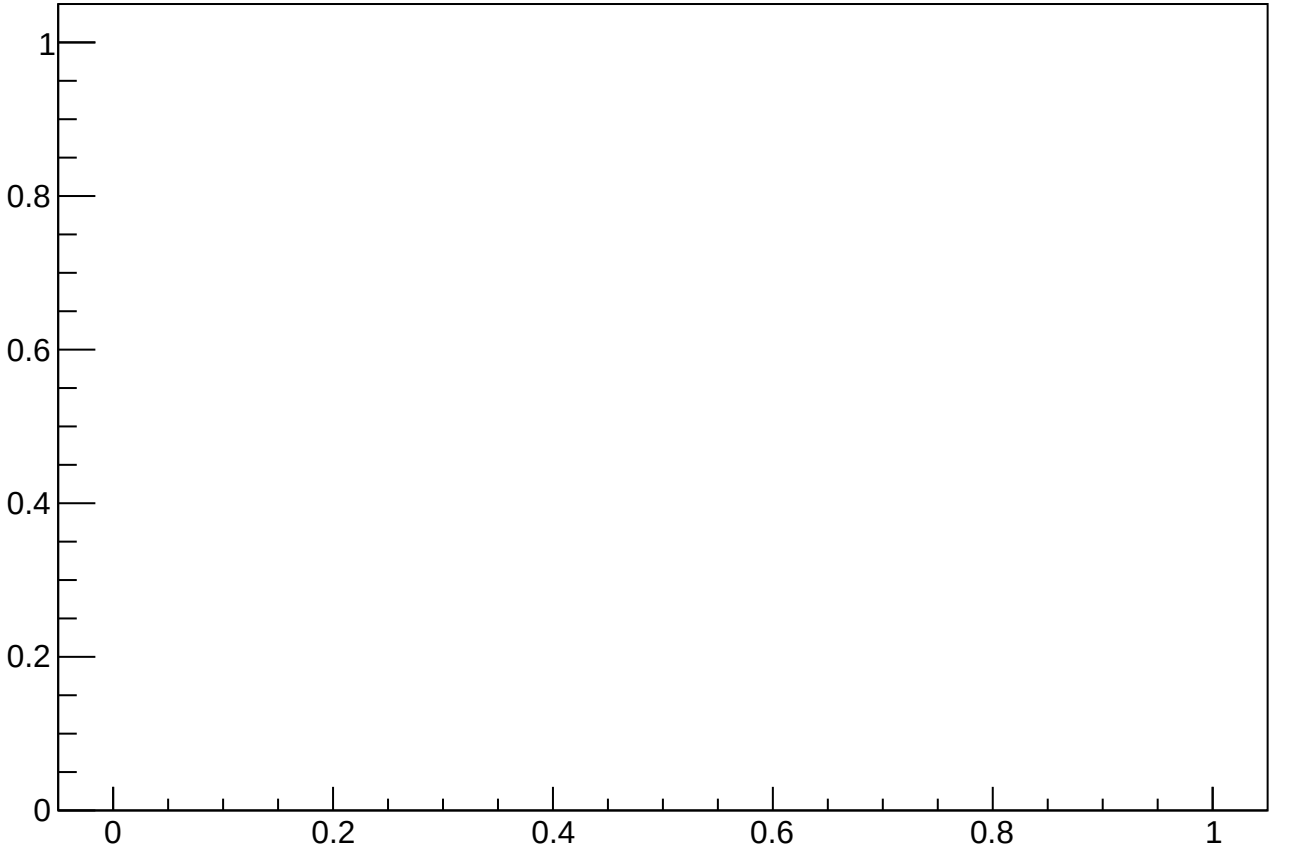
dit_atr2_coil4_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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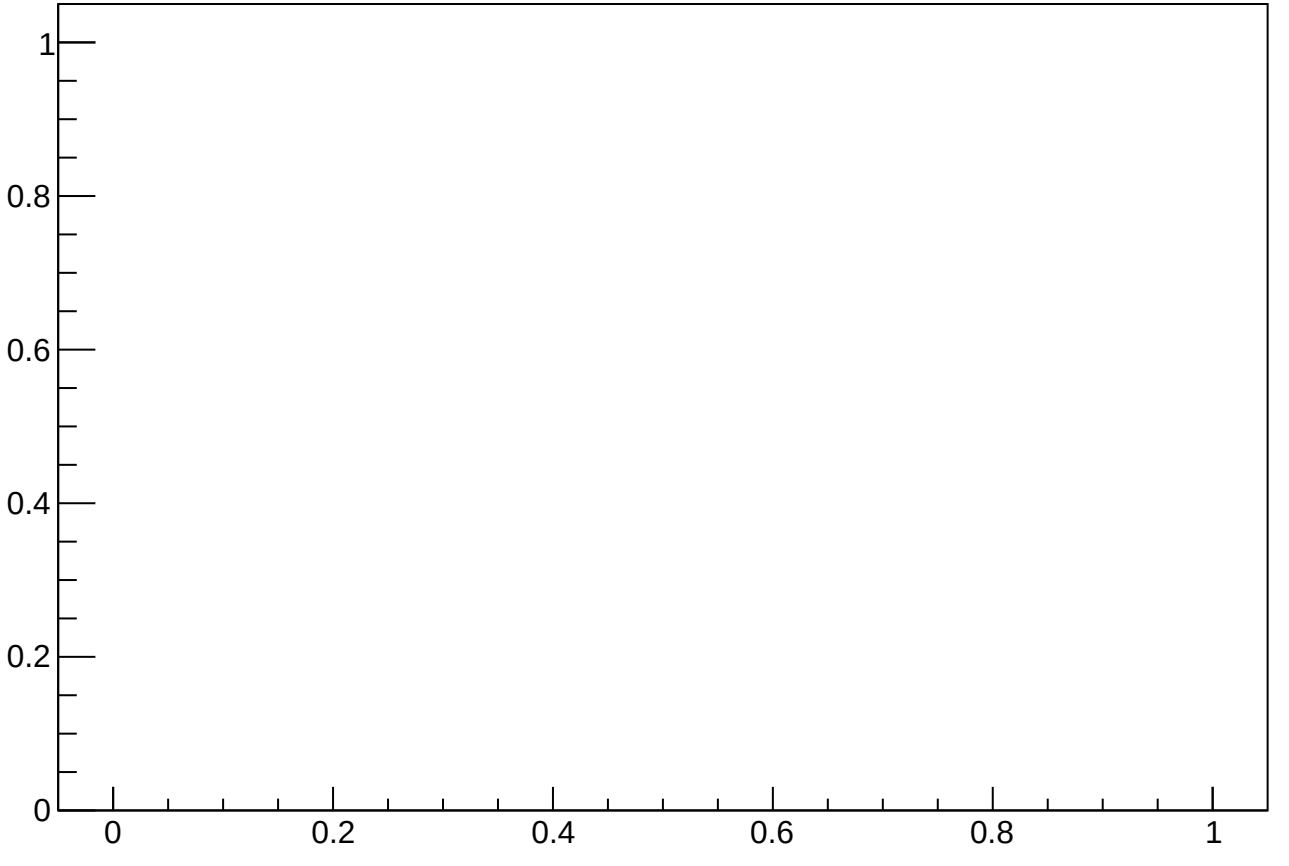
dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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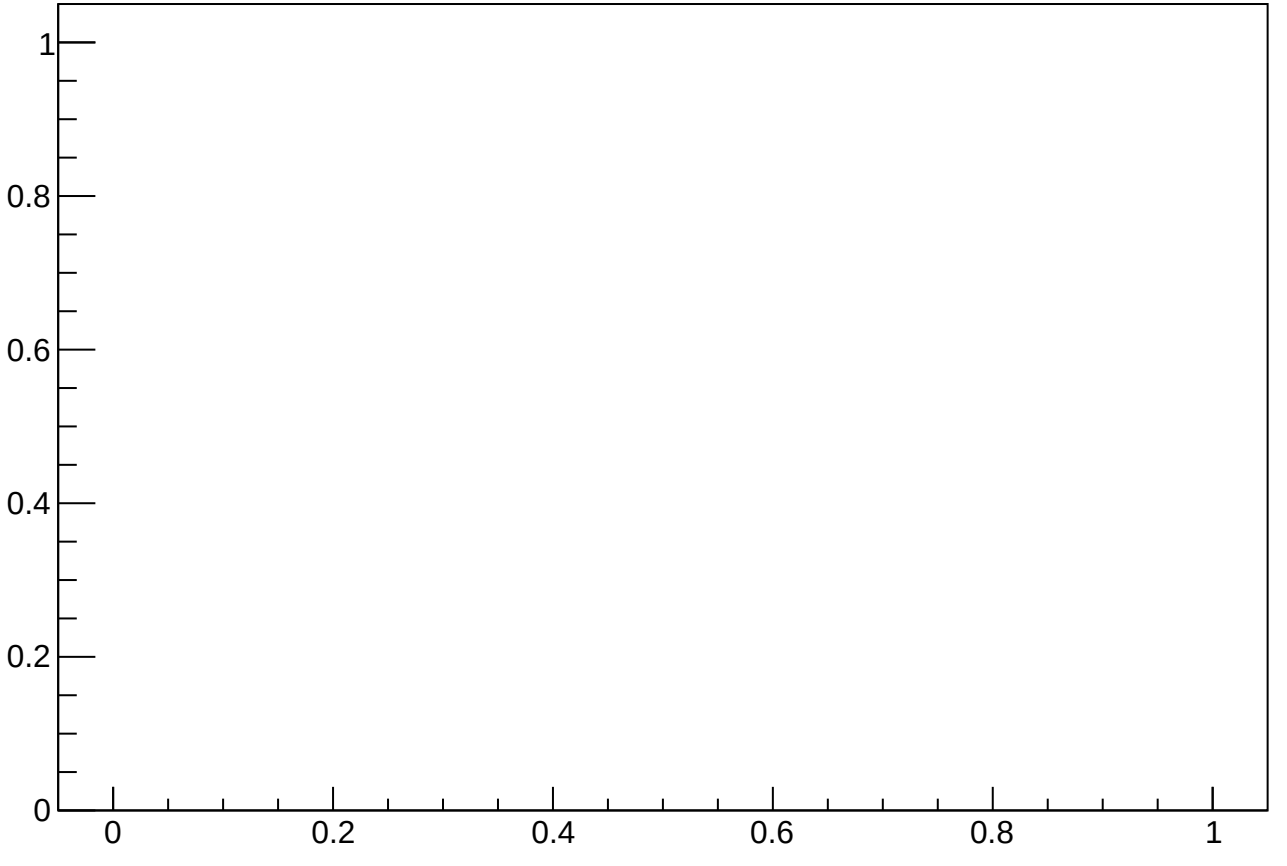
dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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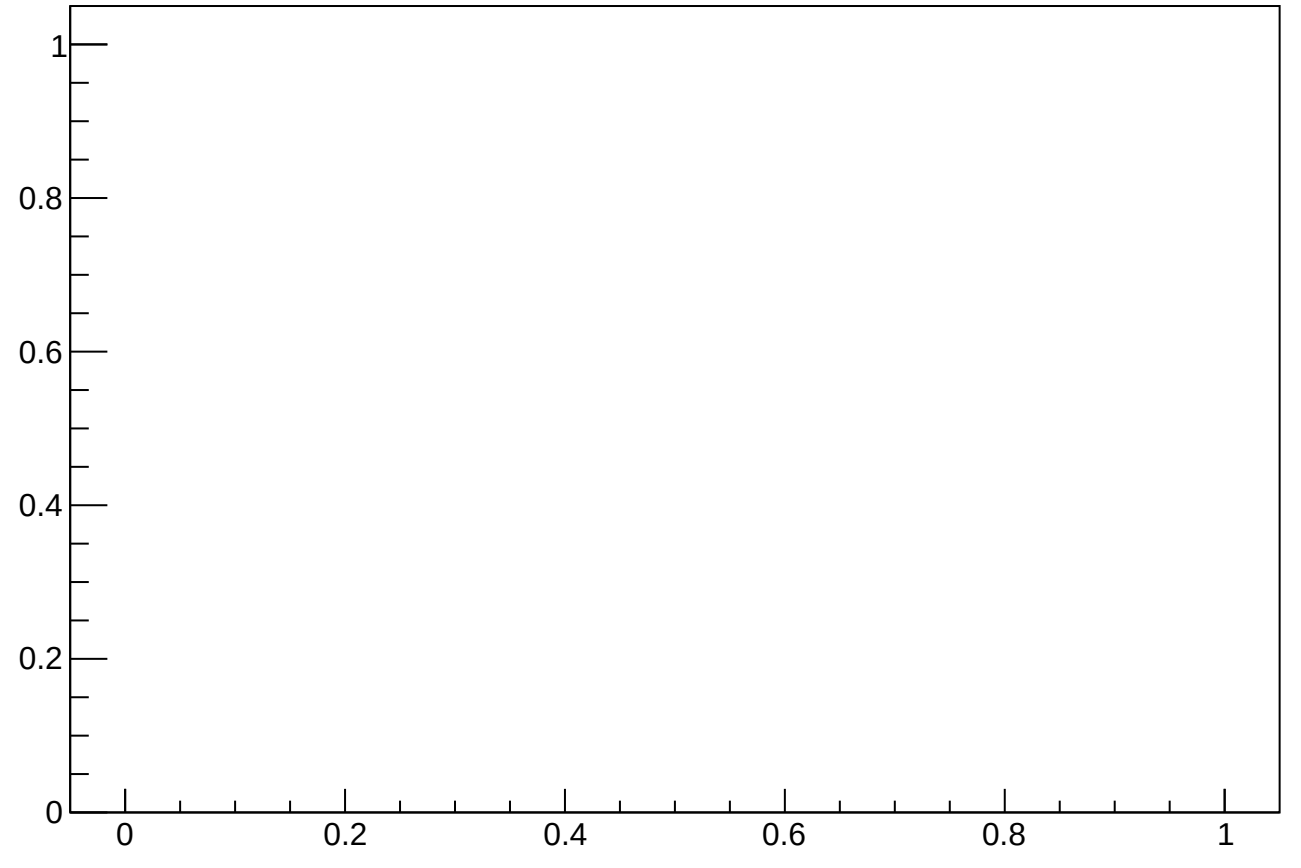

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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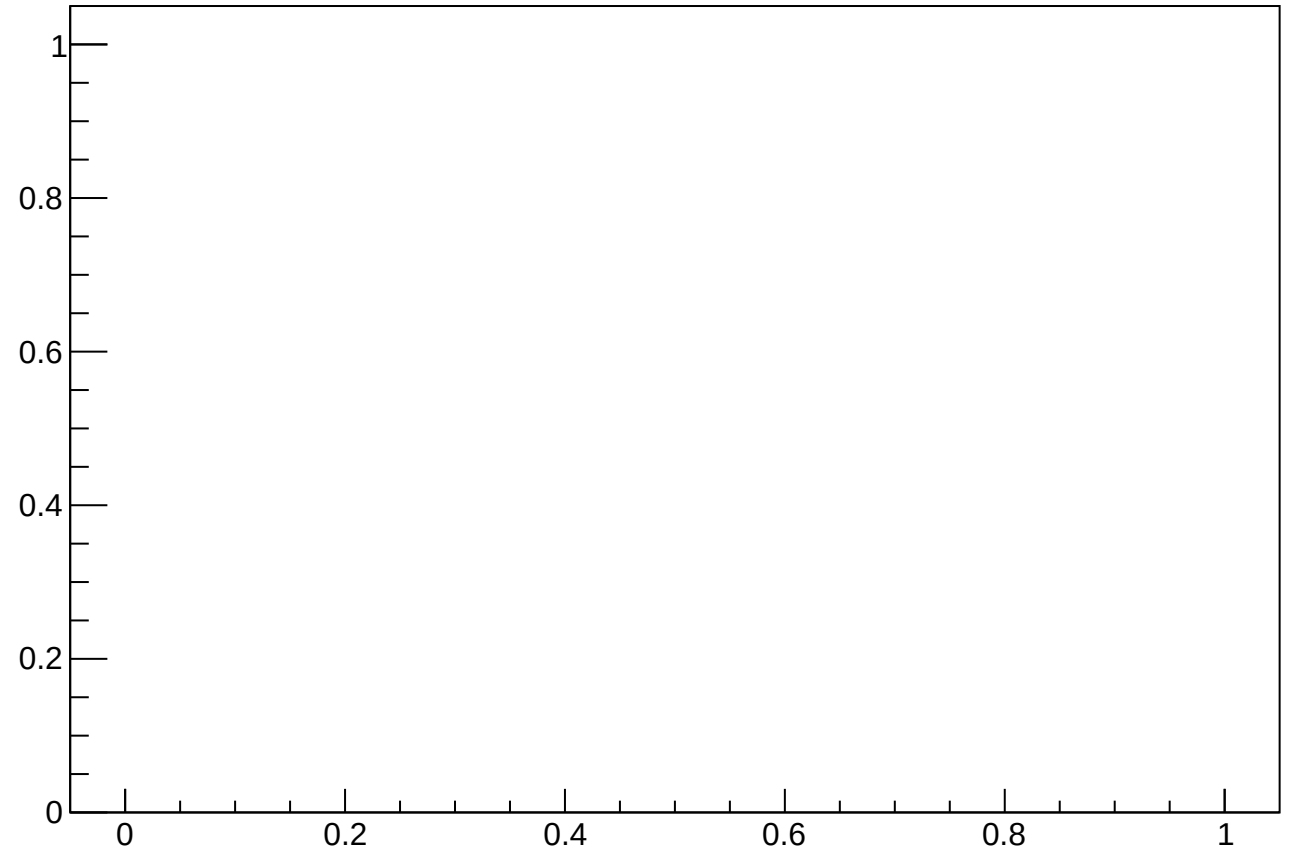

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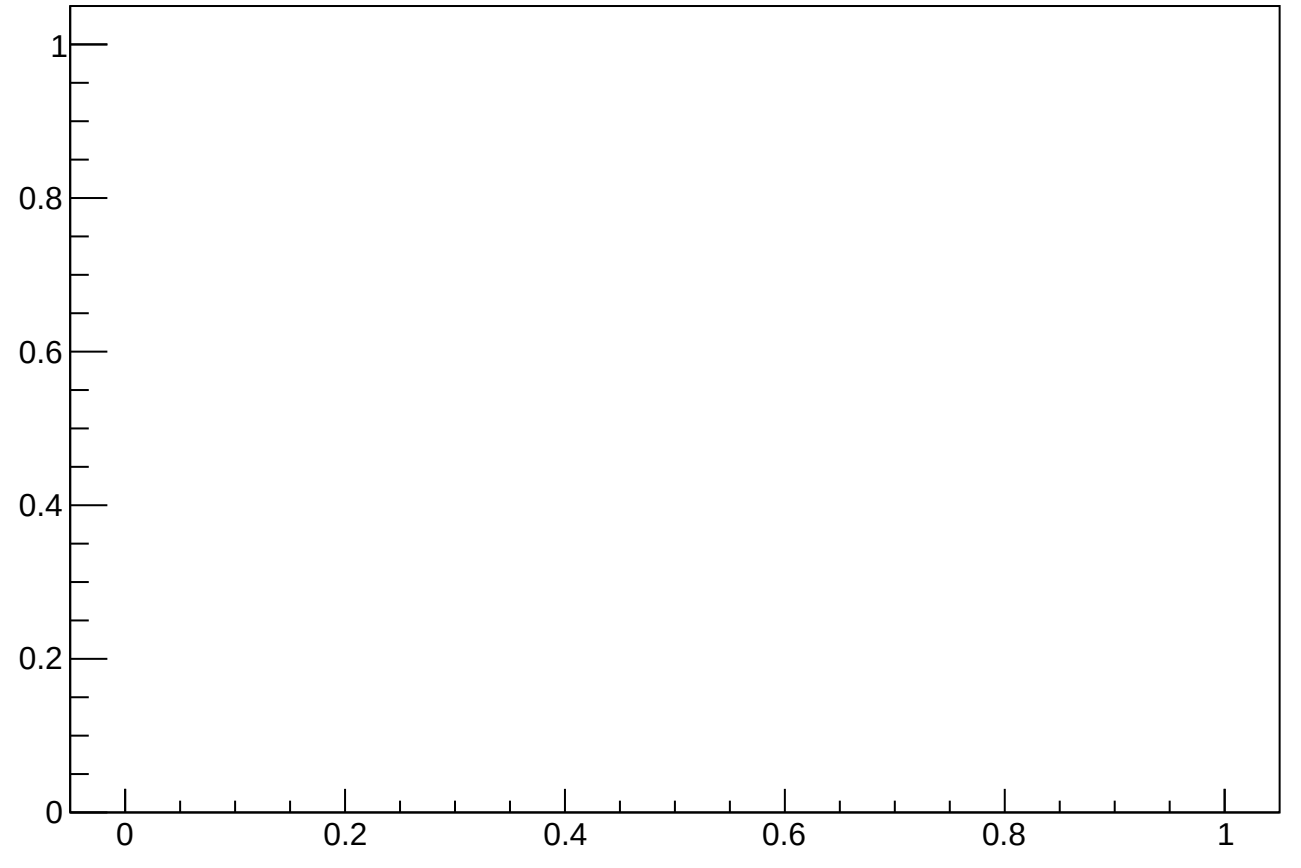

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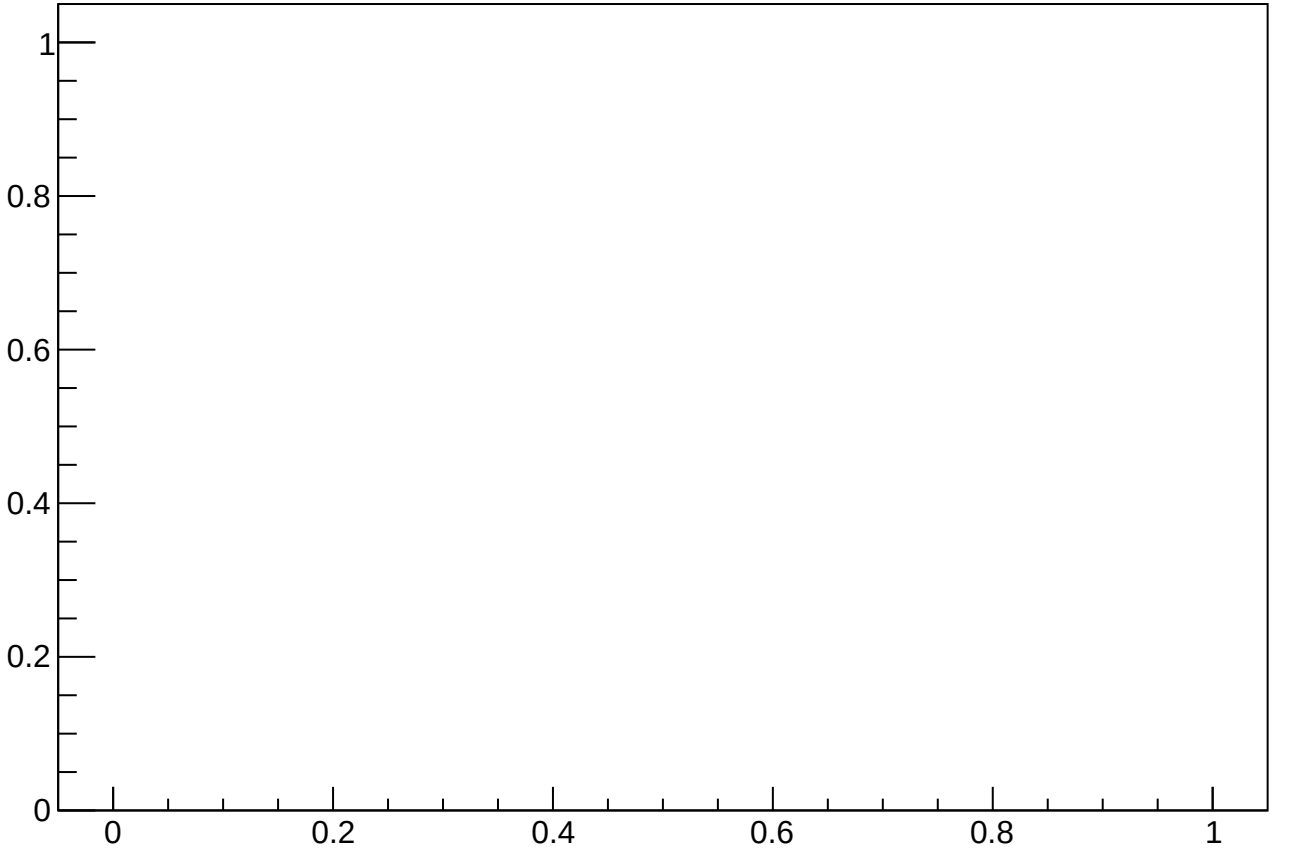
dit_sam2_coil4_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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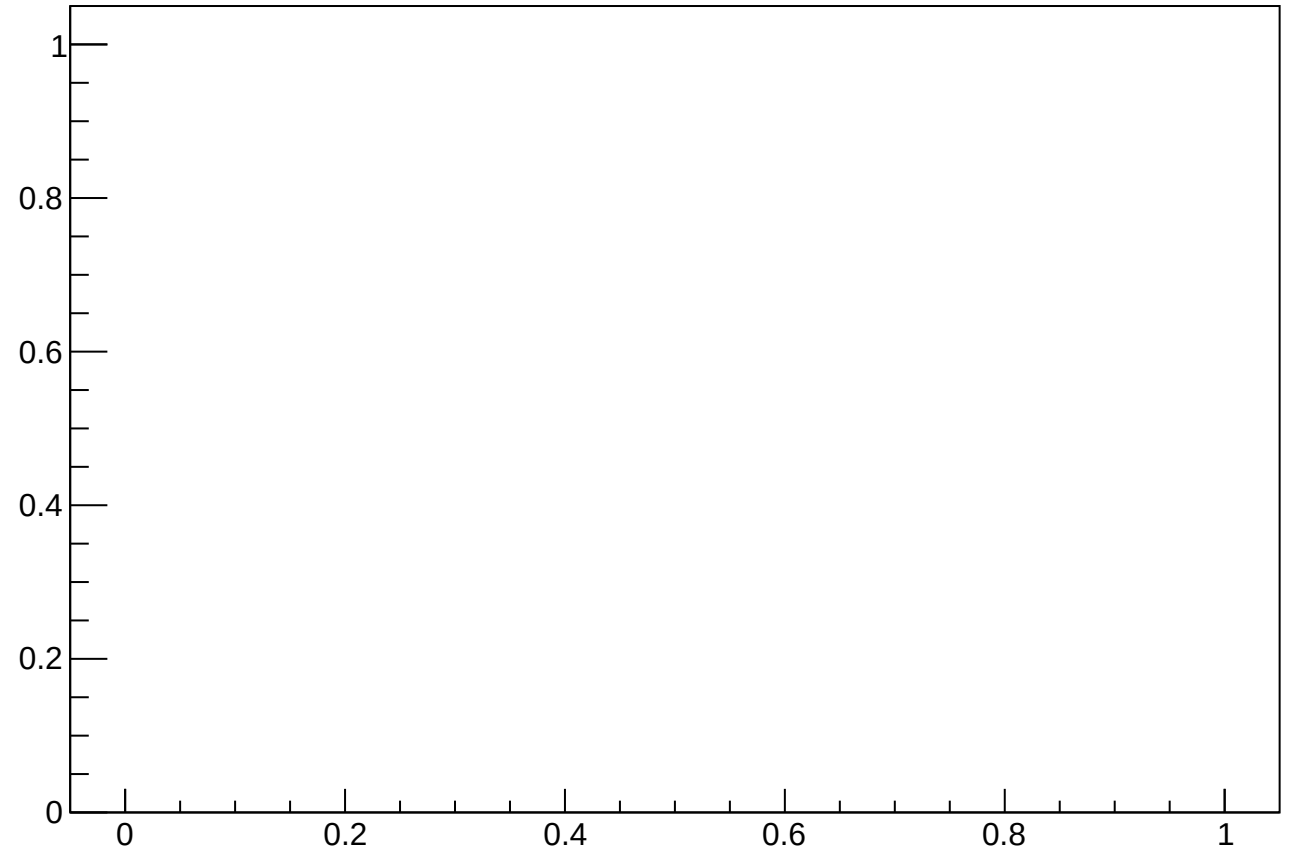

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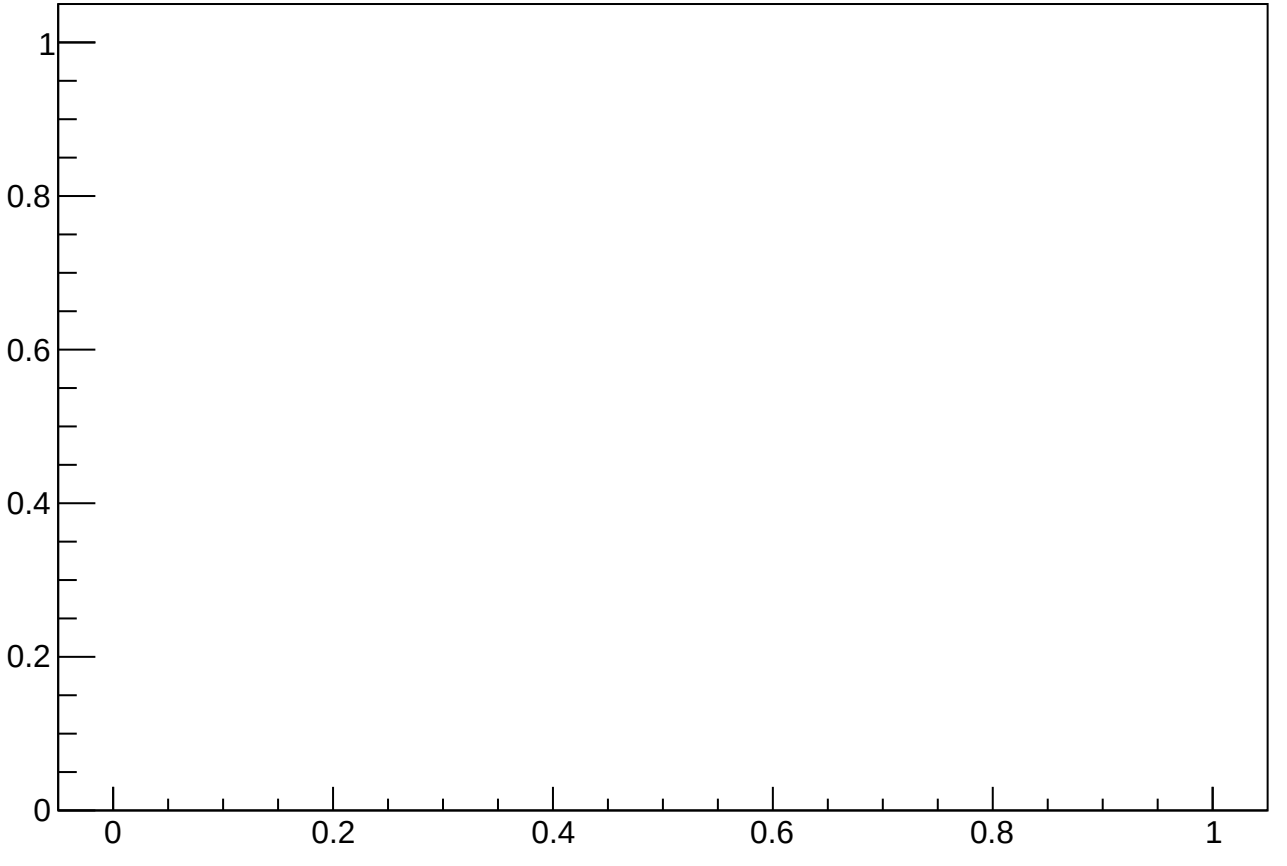
dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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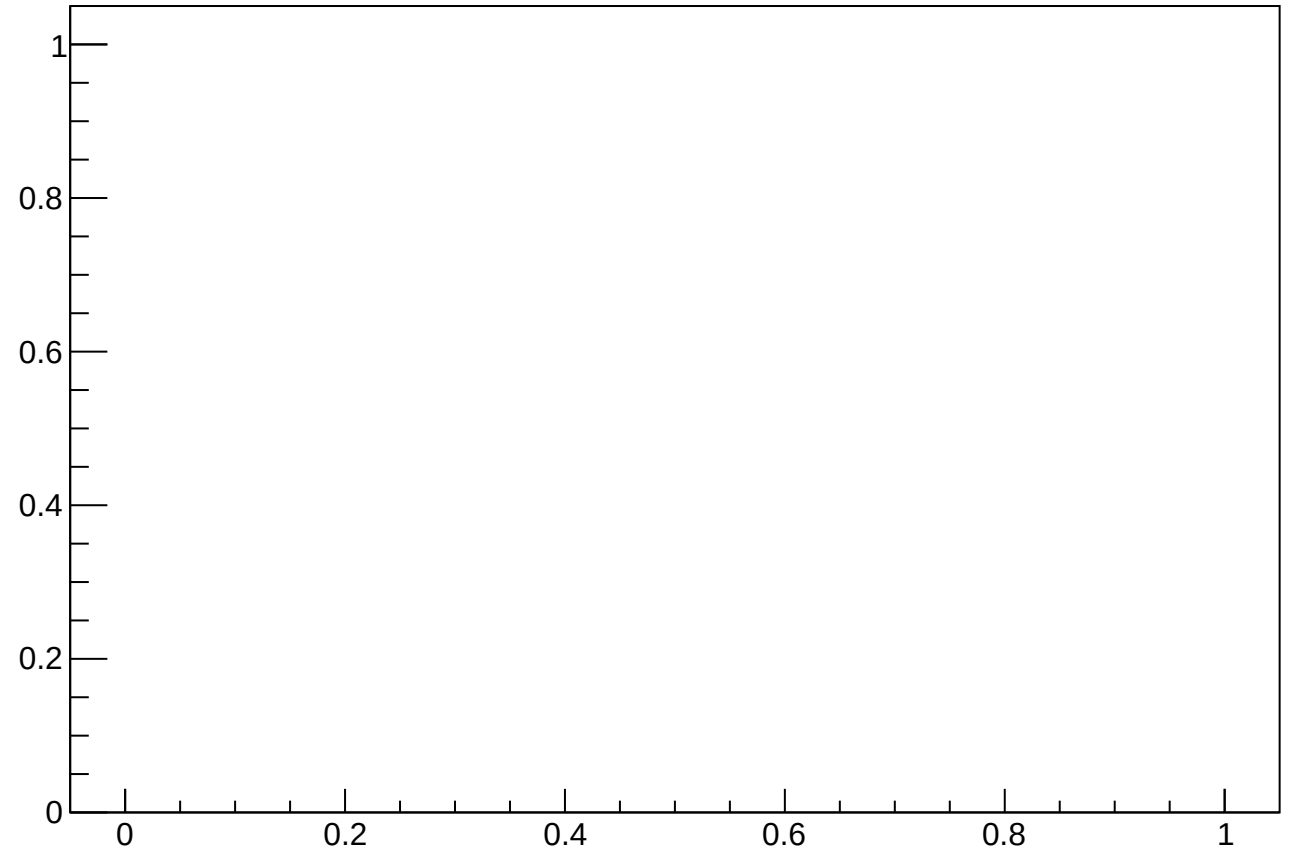

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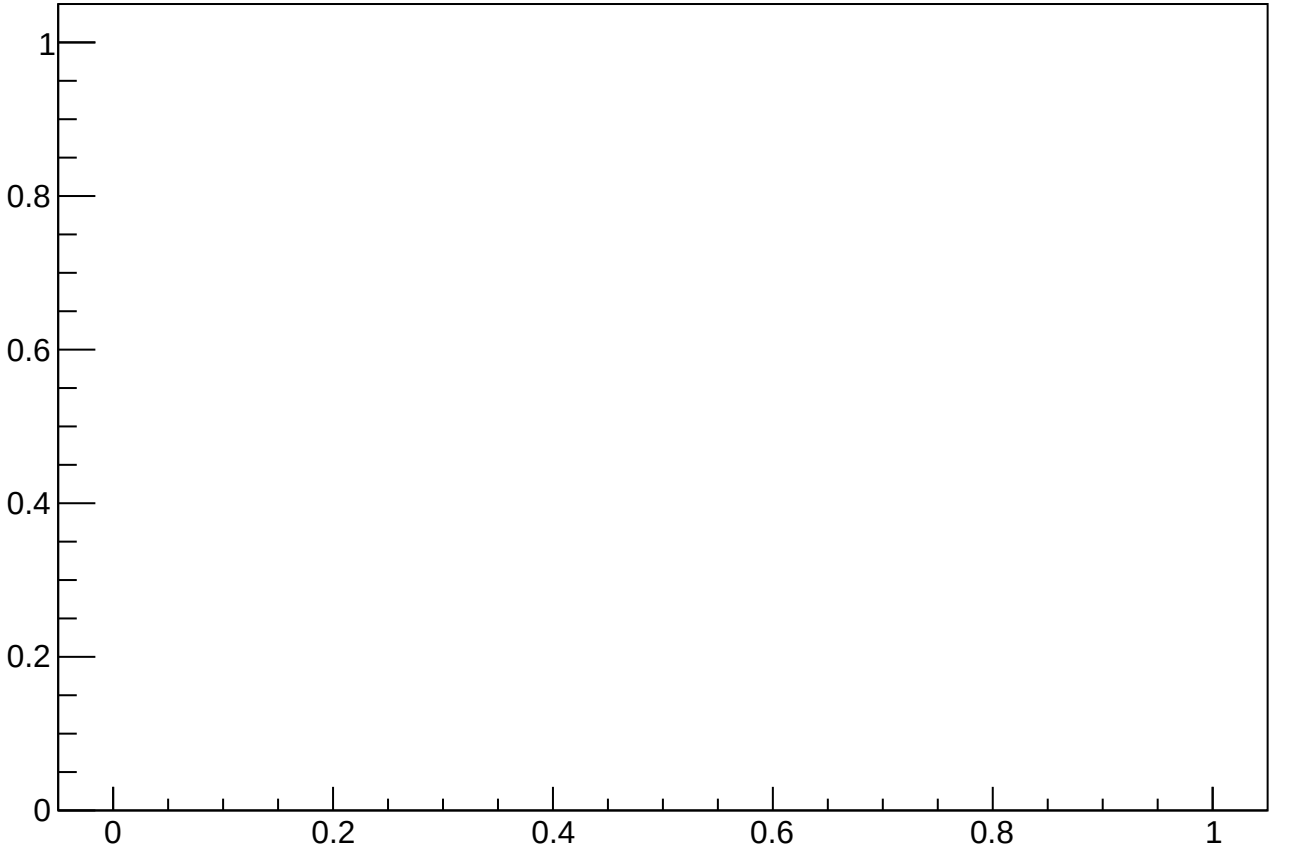
dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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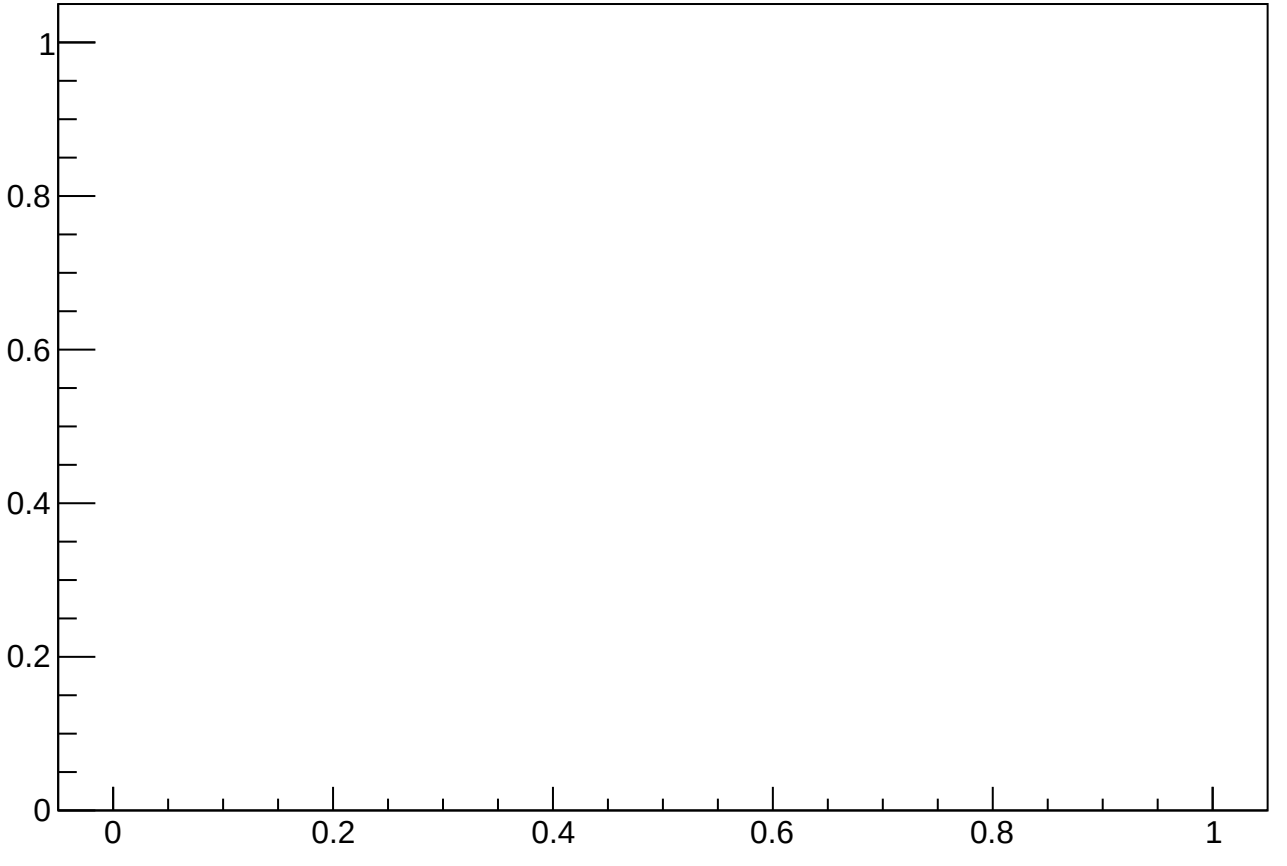
dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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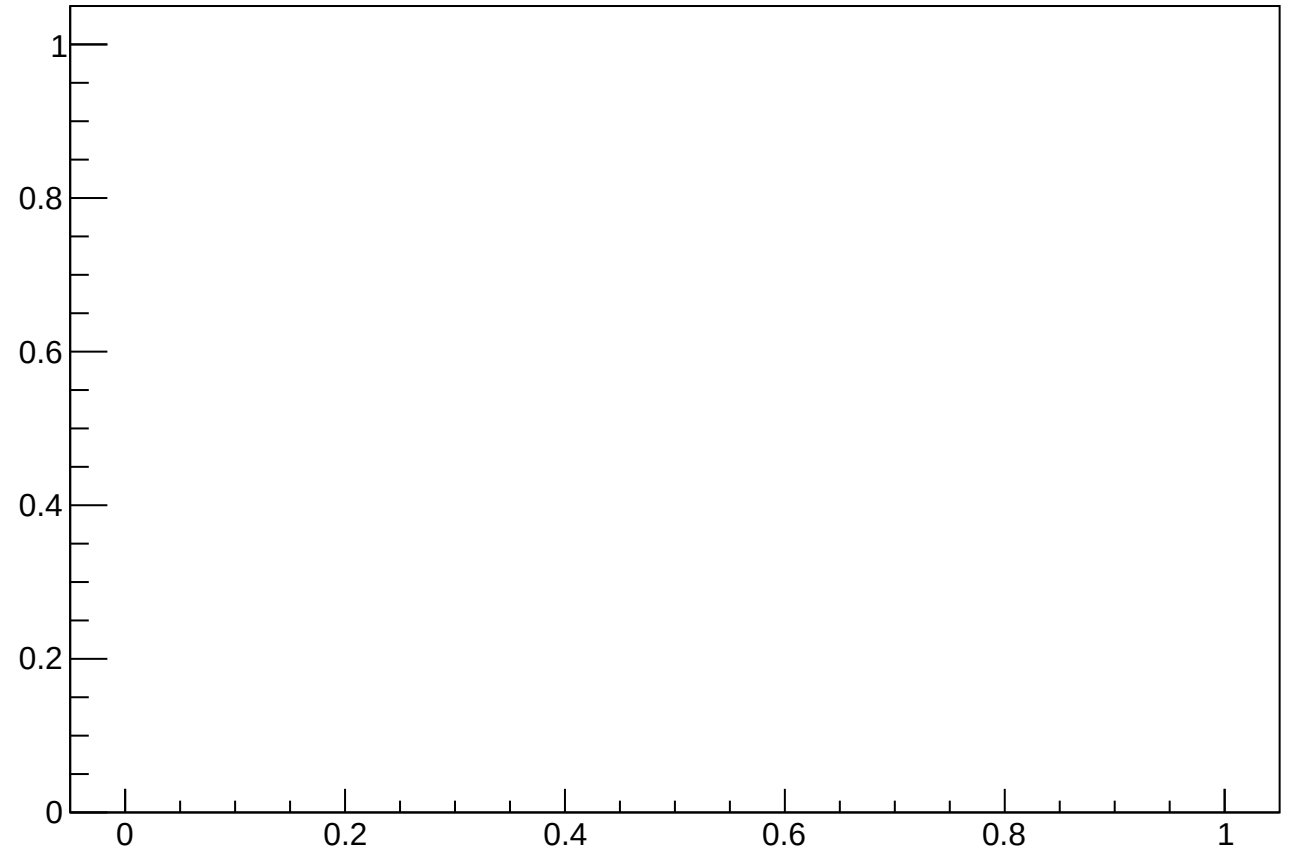

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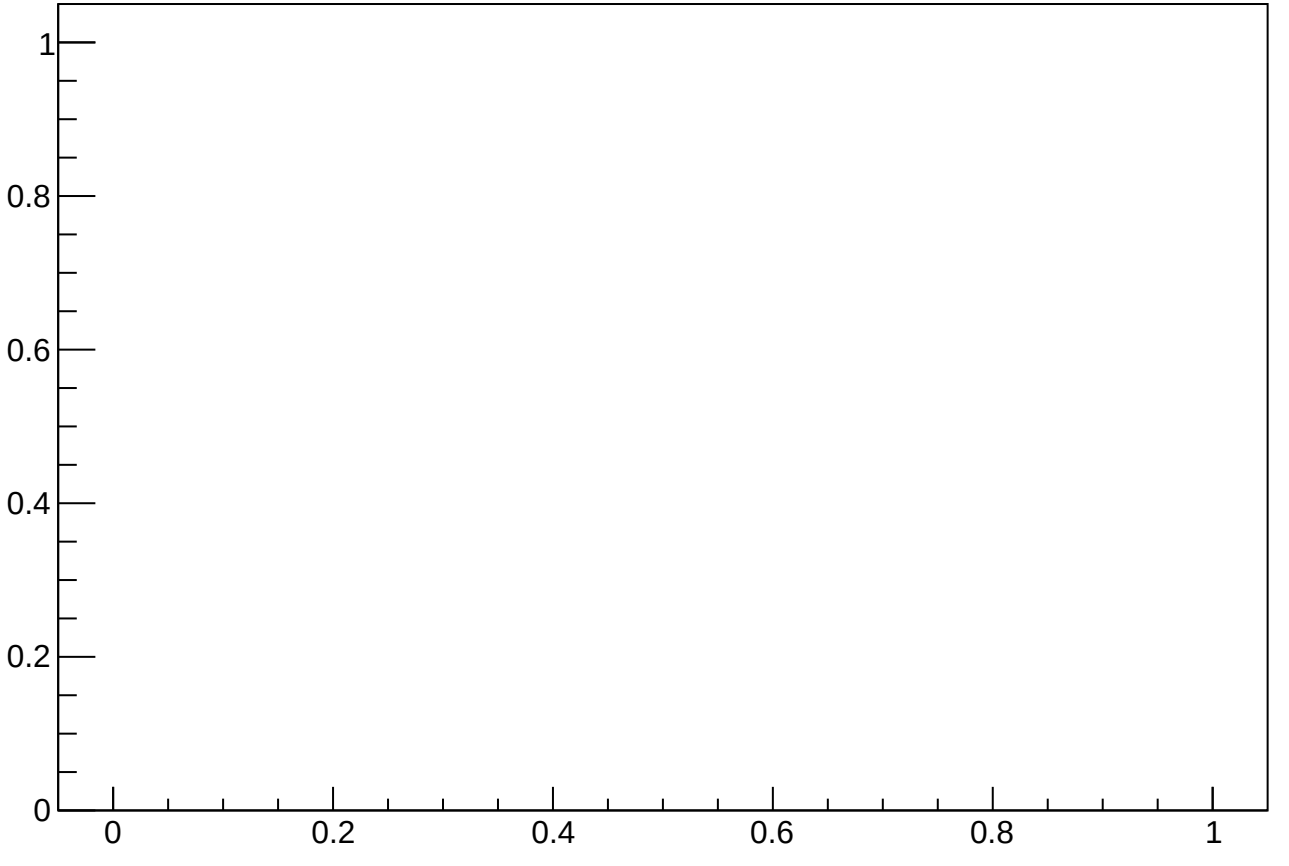
dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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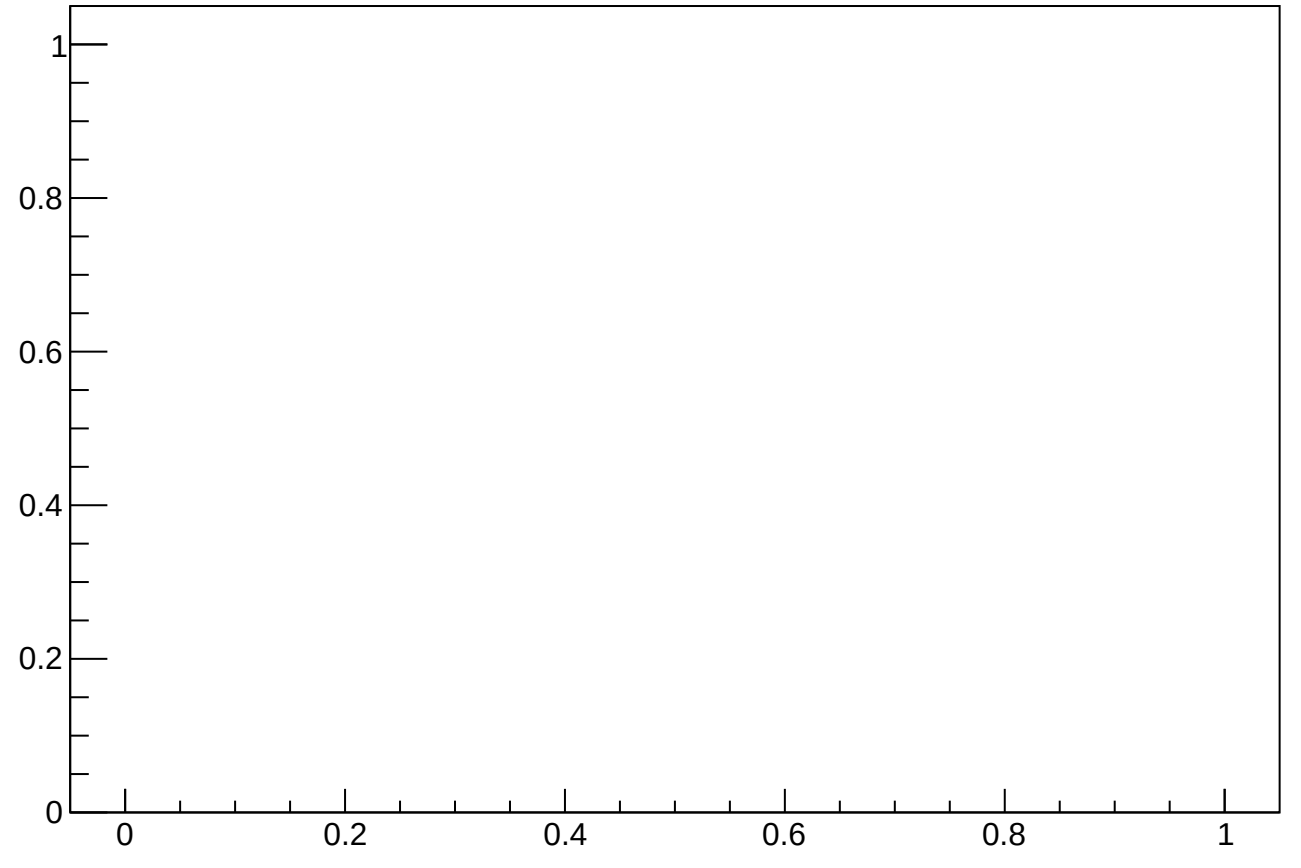

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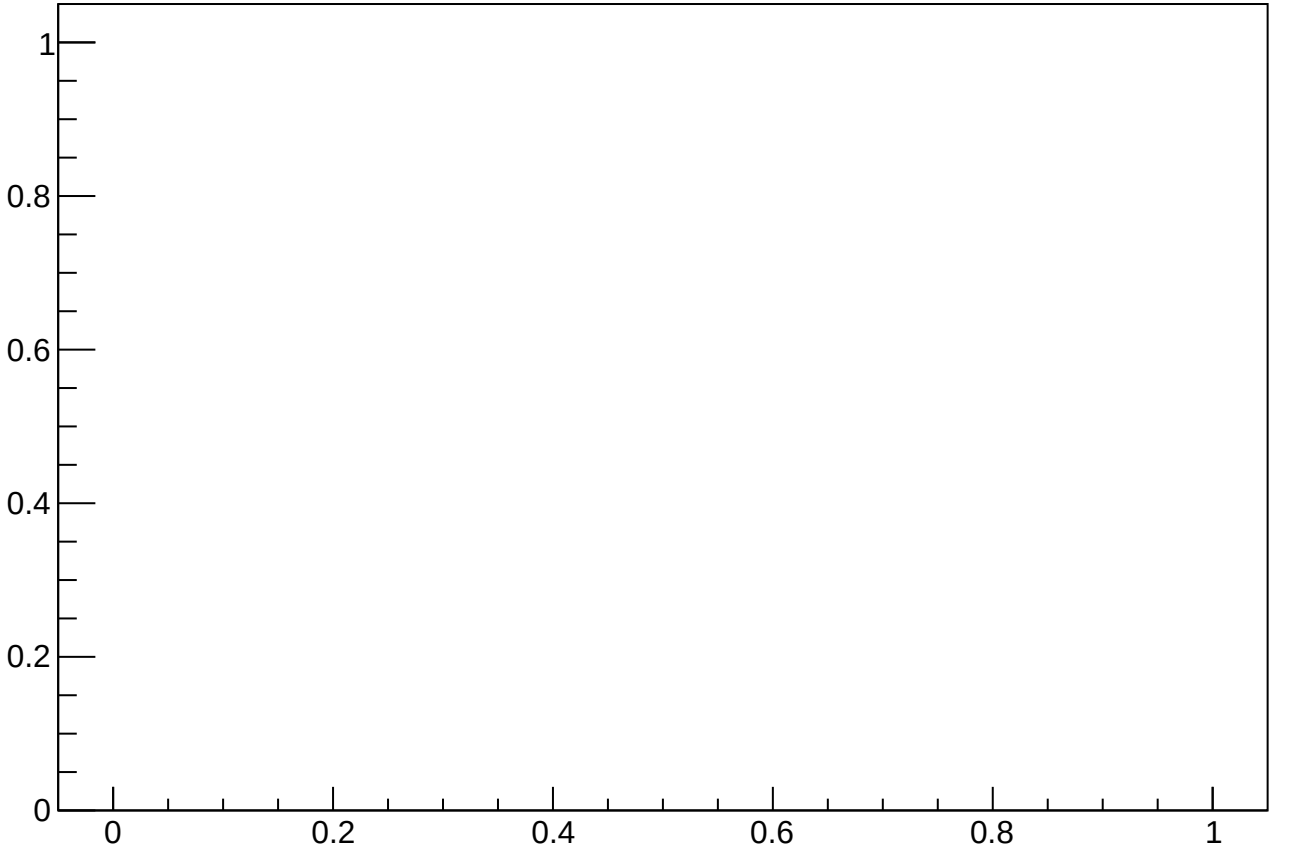
dit_sam5_coil4_mean vs Slug, Sign Corrected



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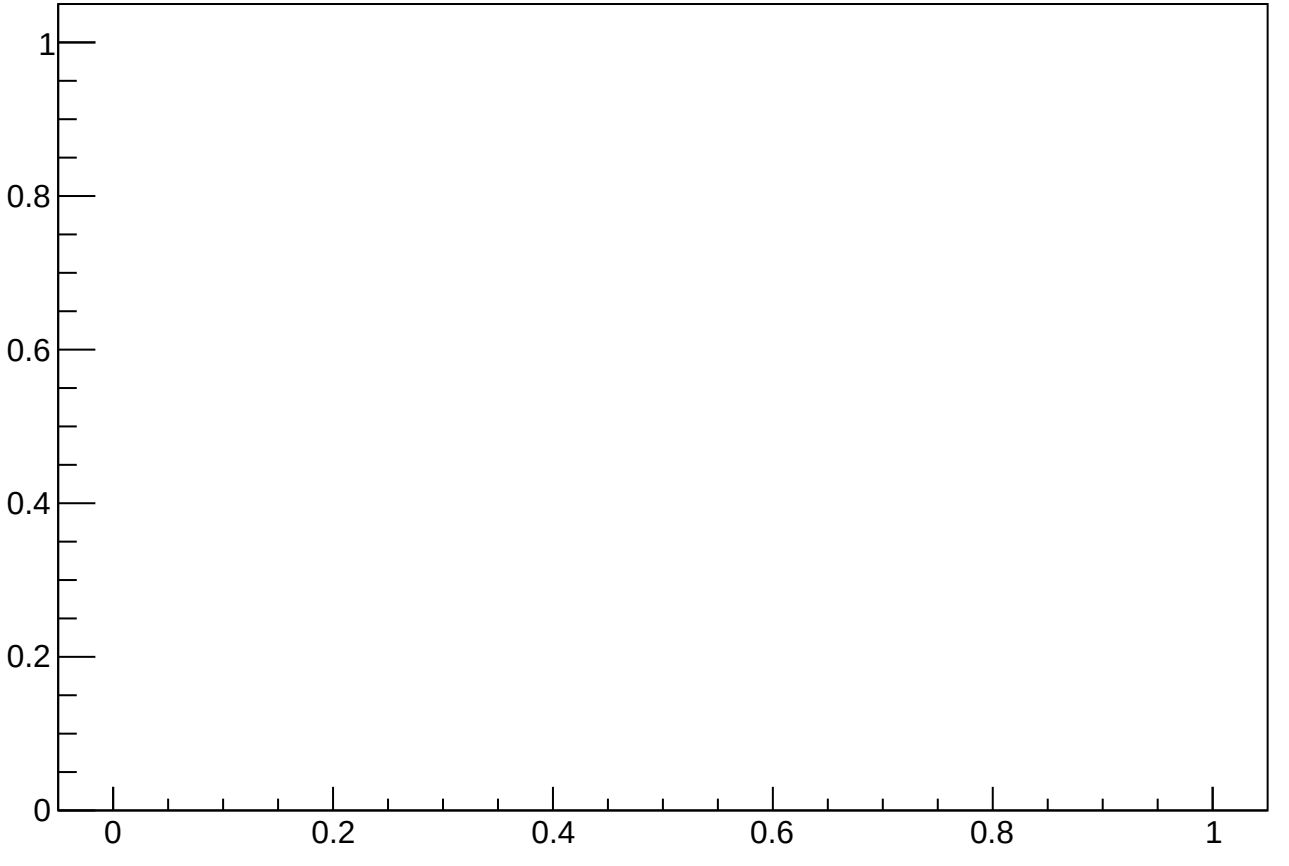
dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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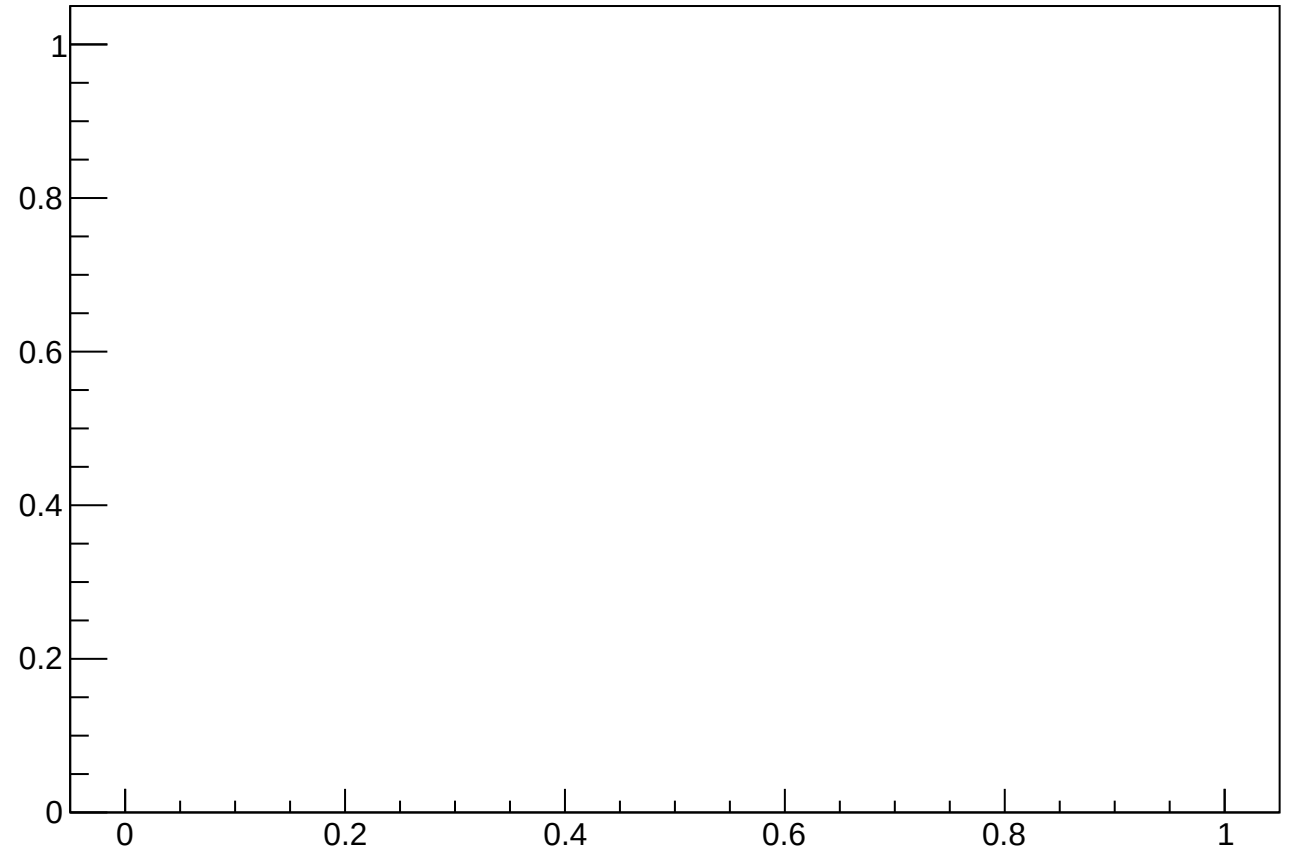

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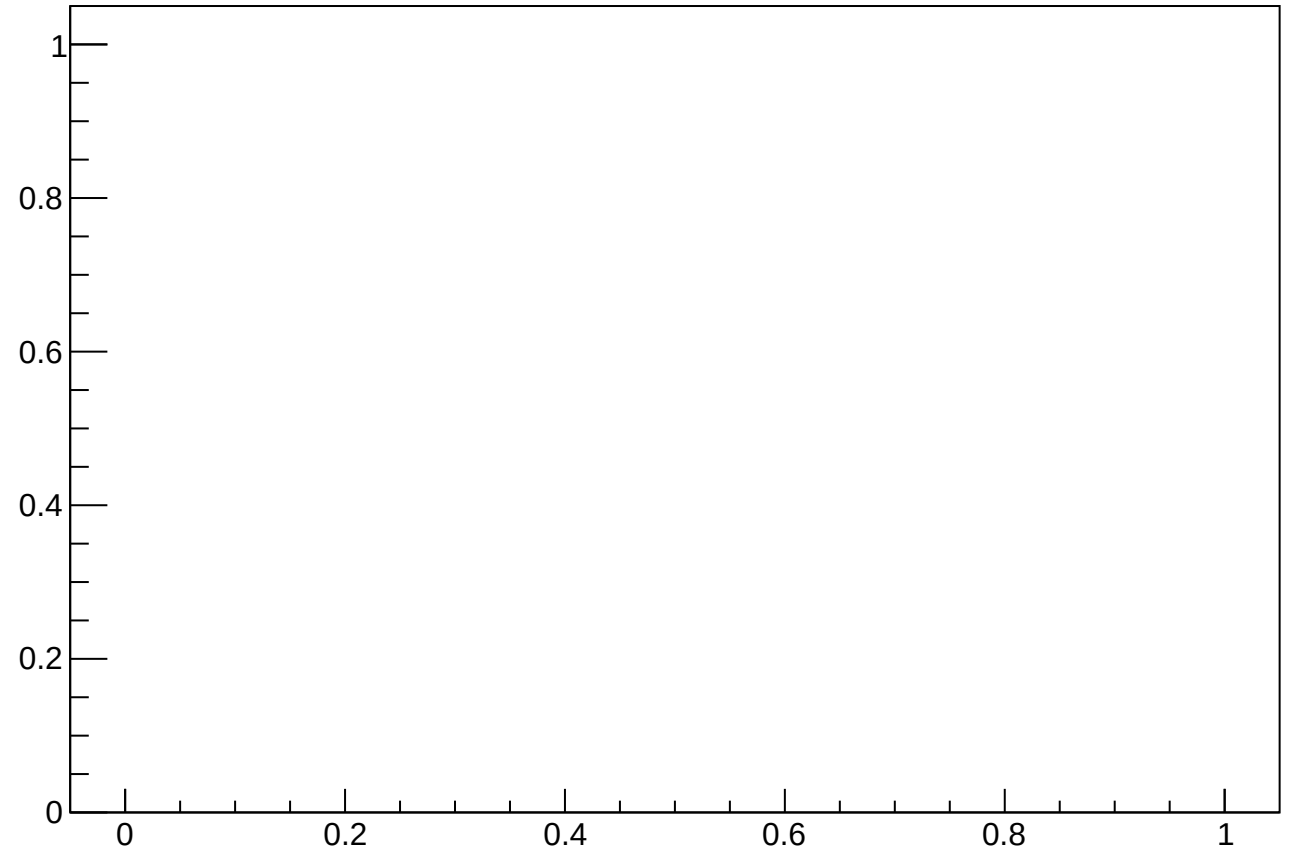

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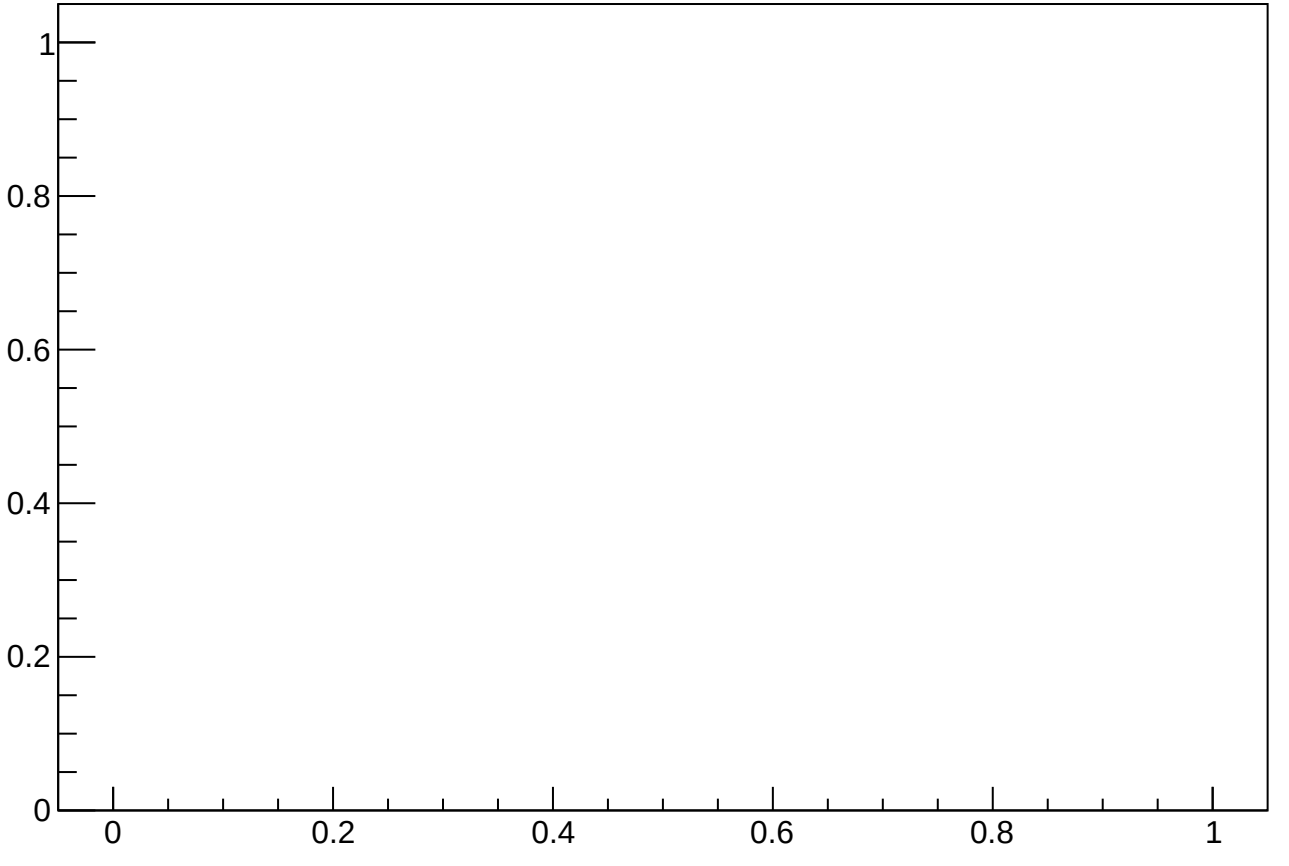
dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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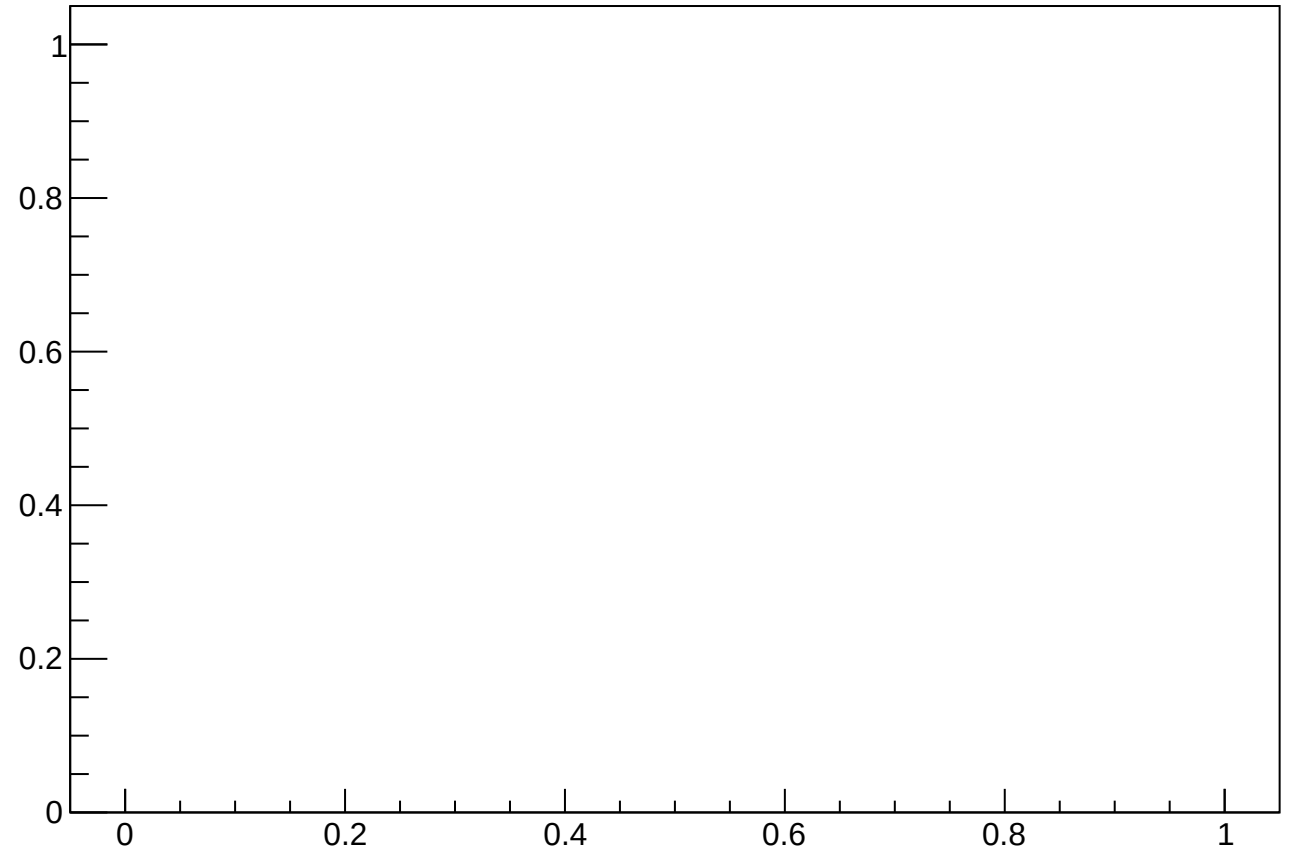

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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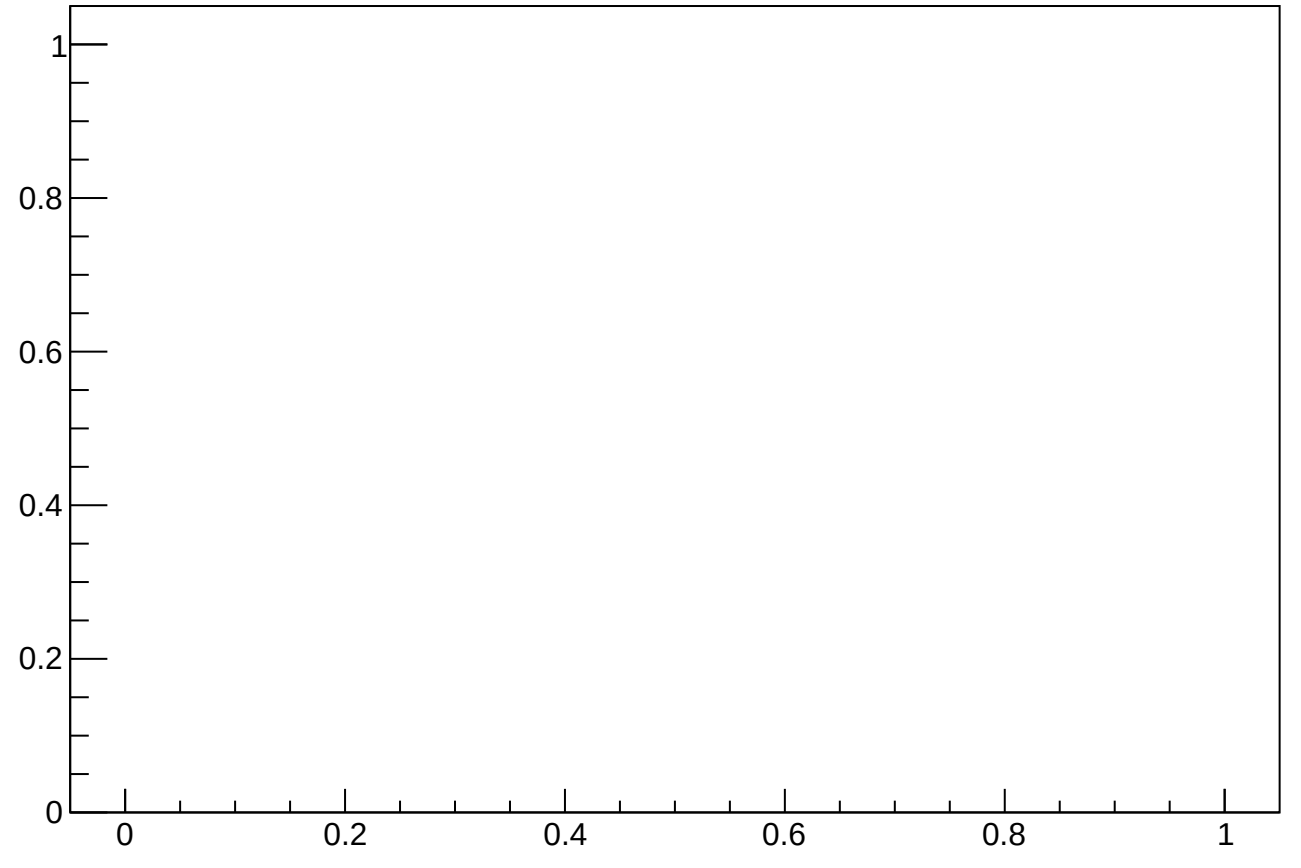

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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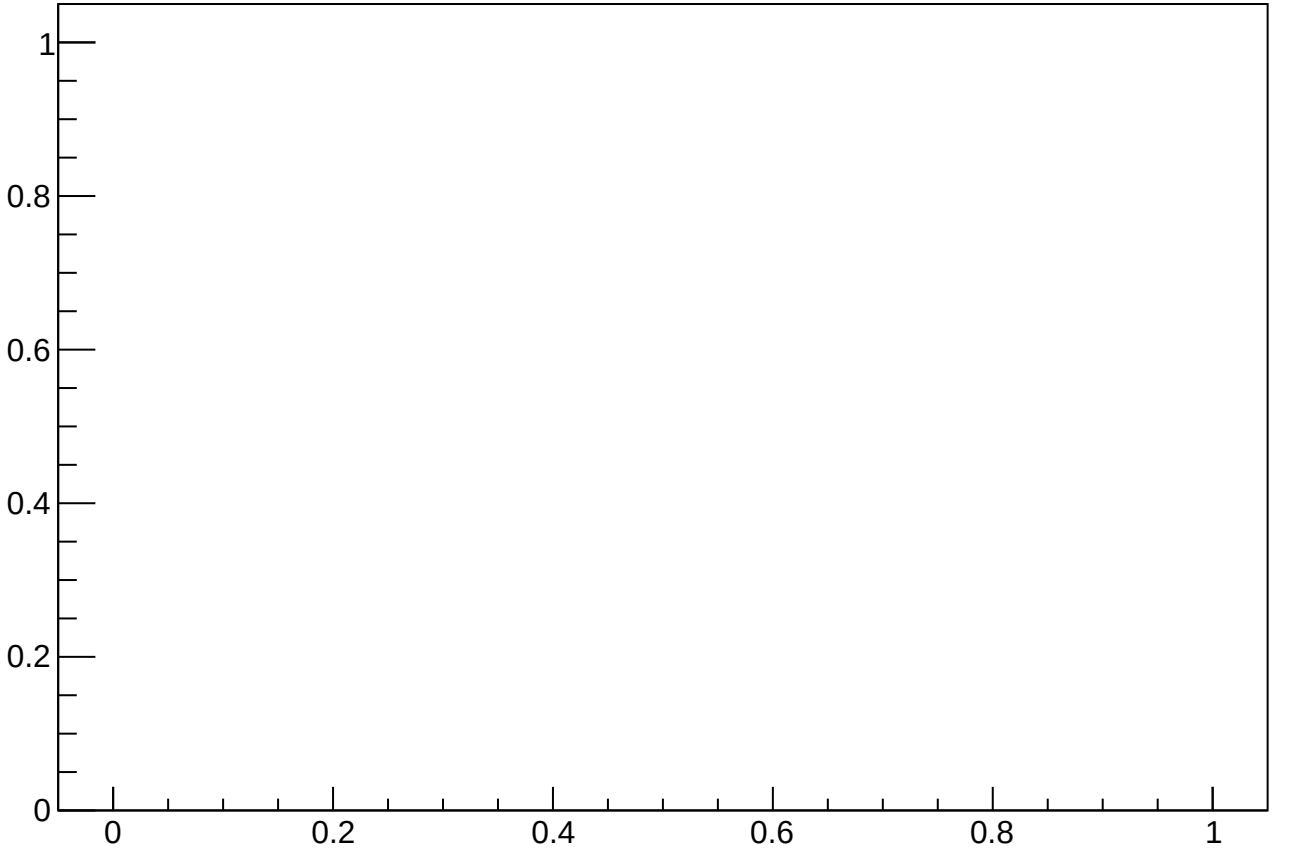
dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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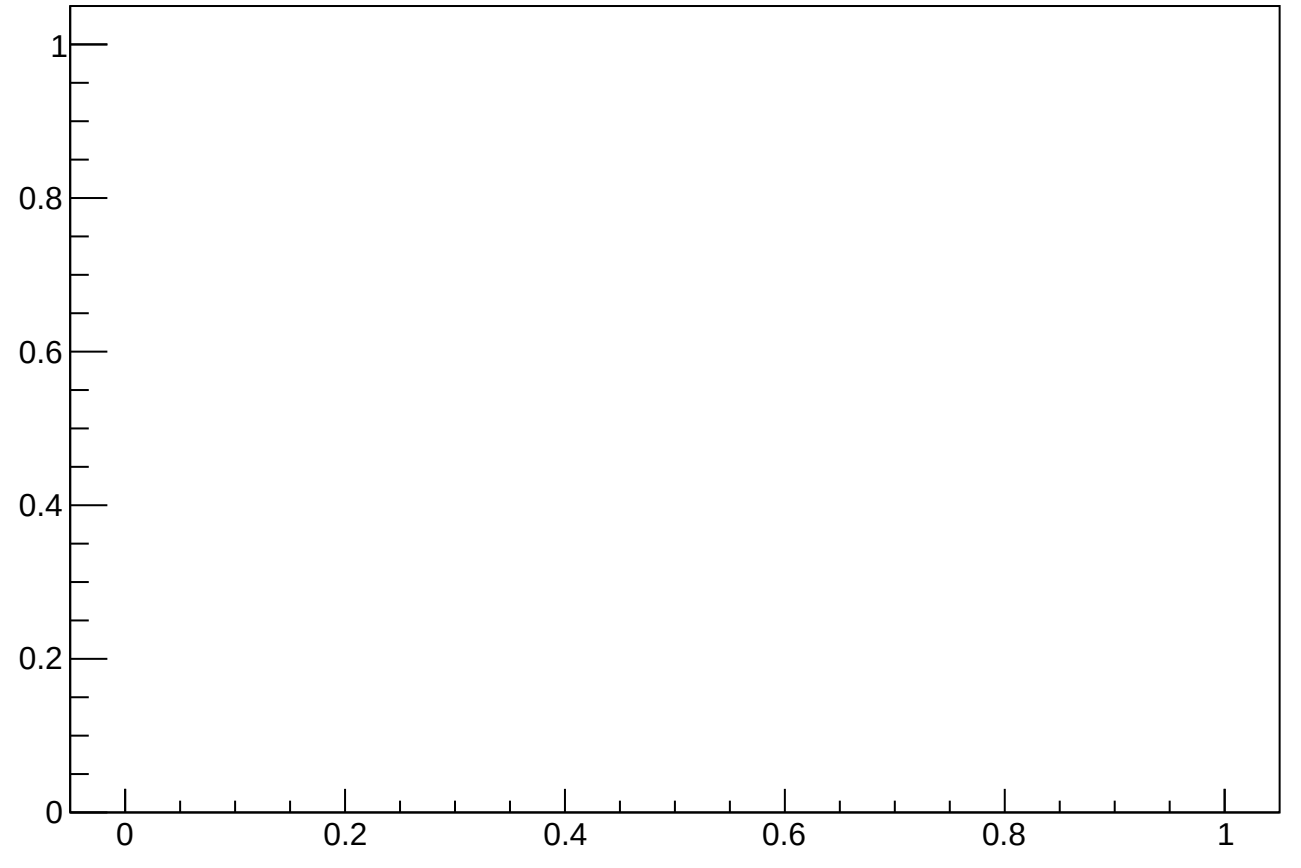
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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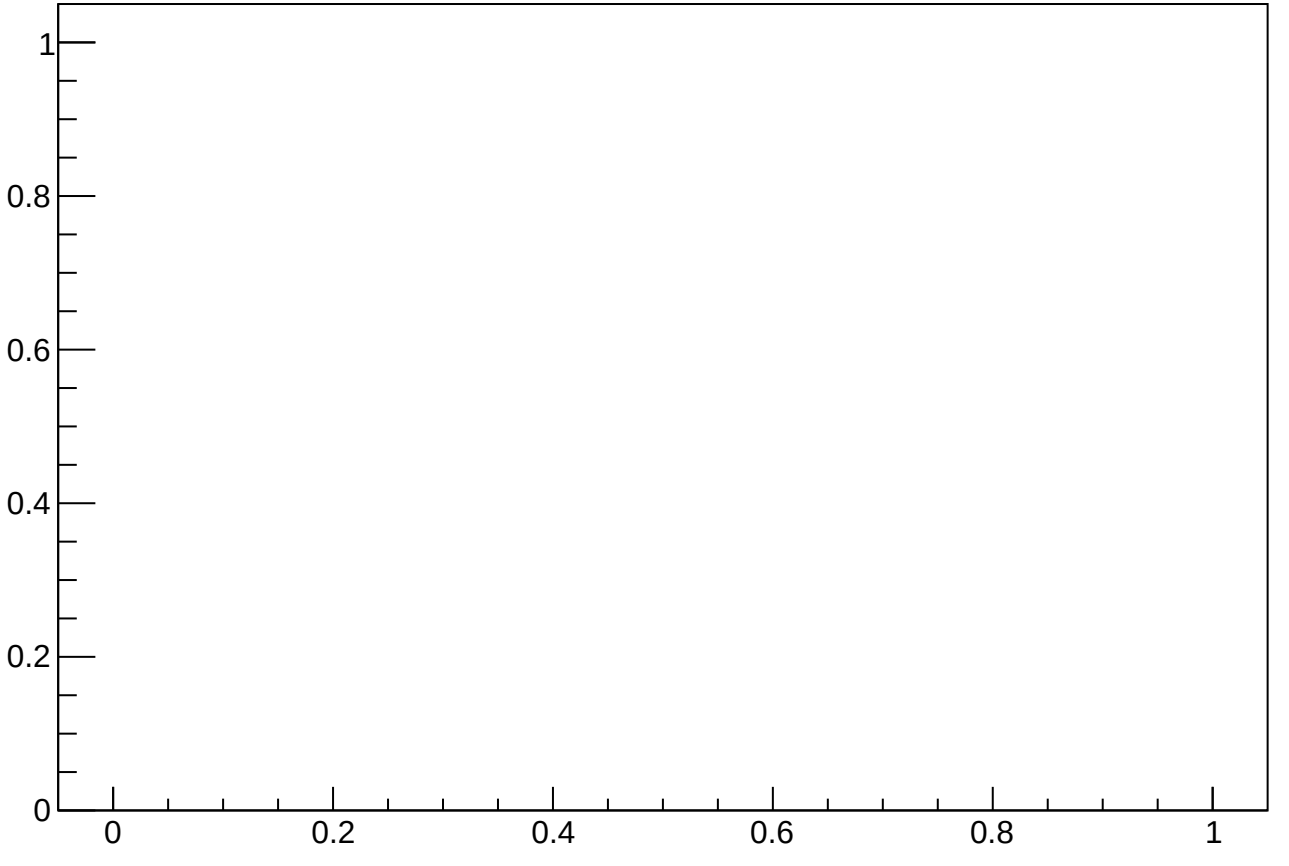
dit_sam8_coil4_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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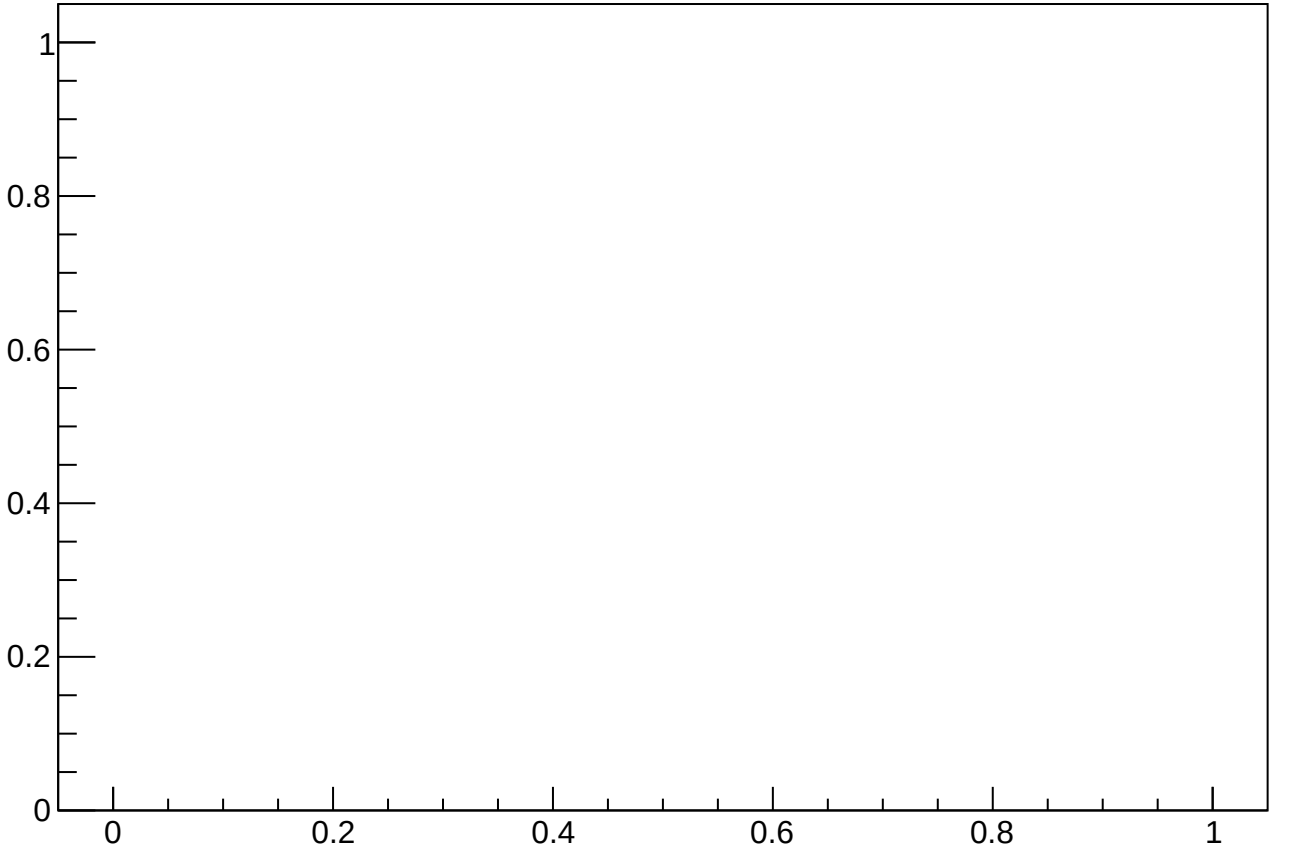
dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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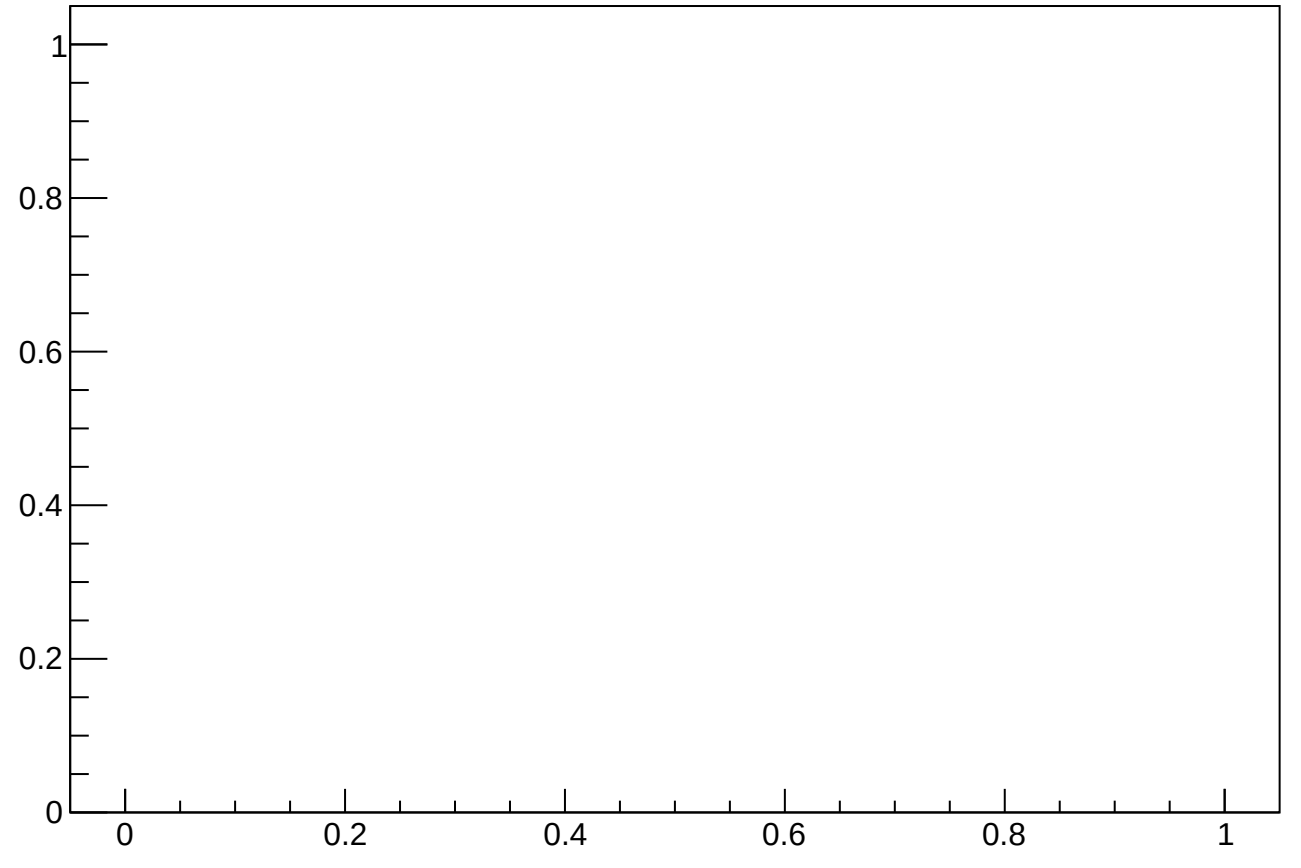

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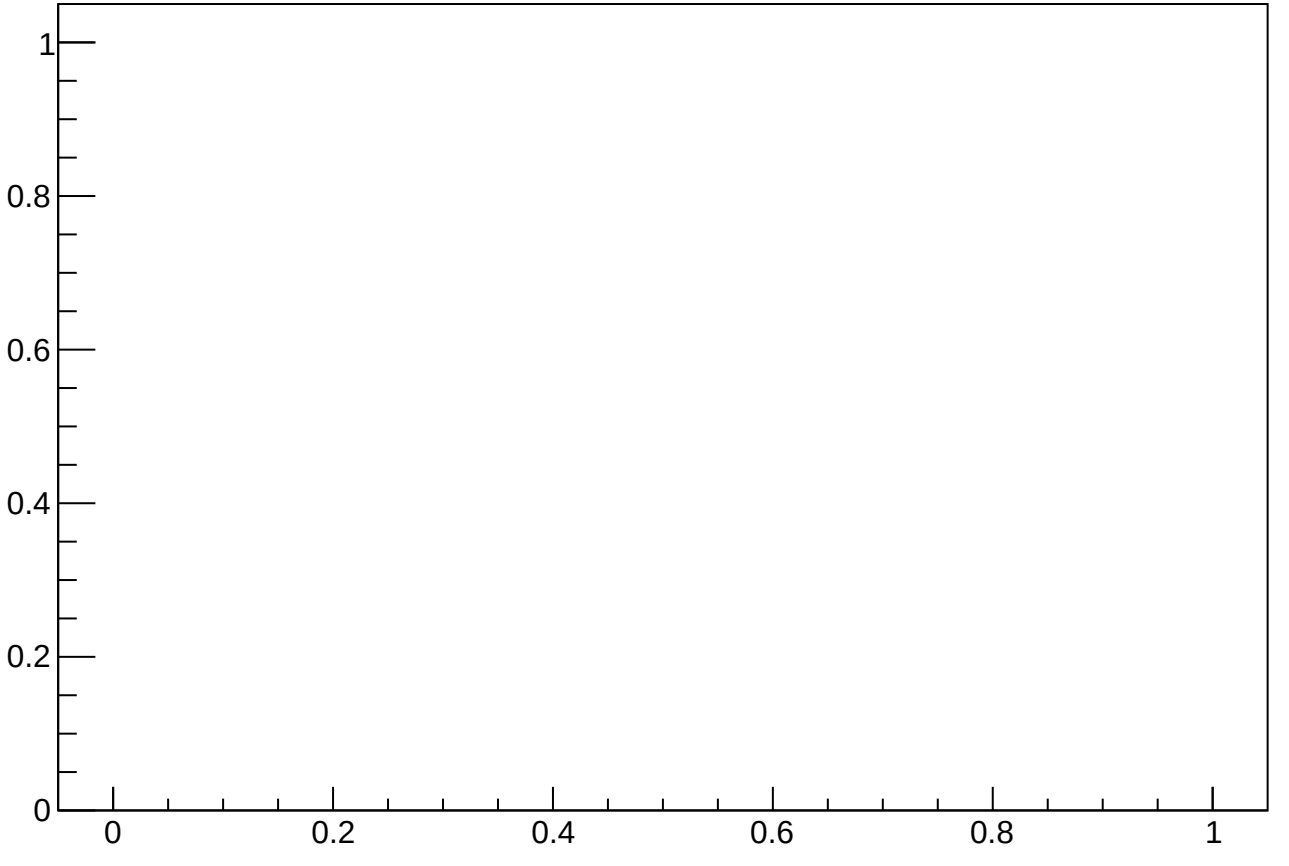
dit_4aX_coil6_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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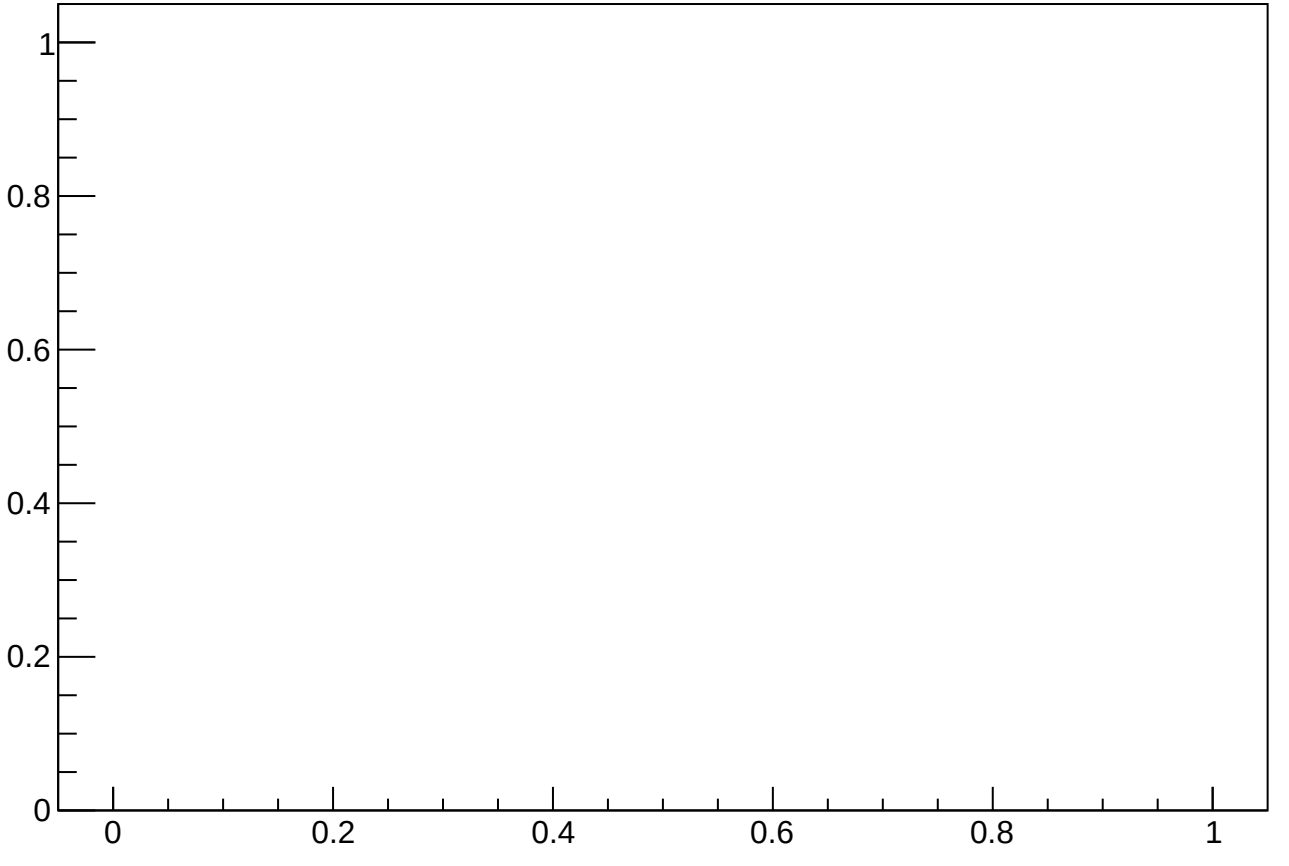
dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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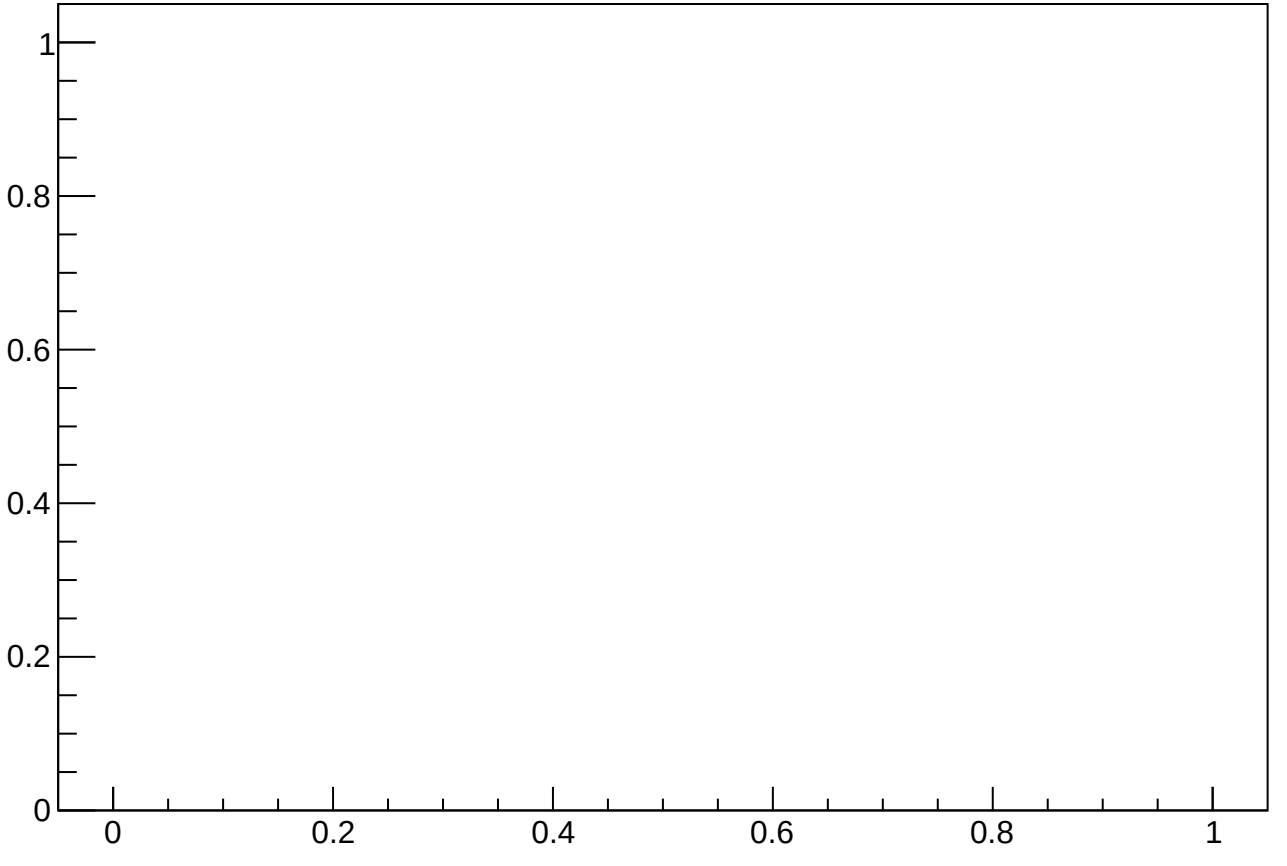
dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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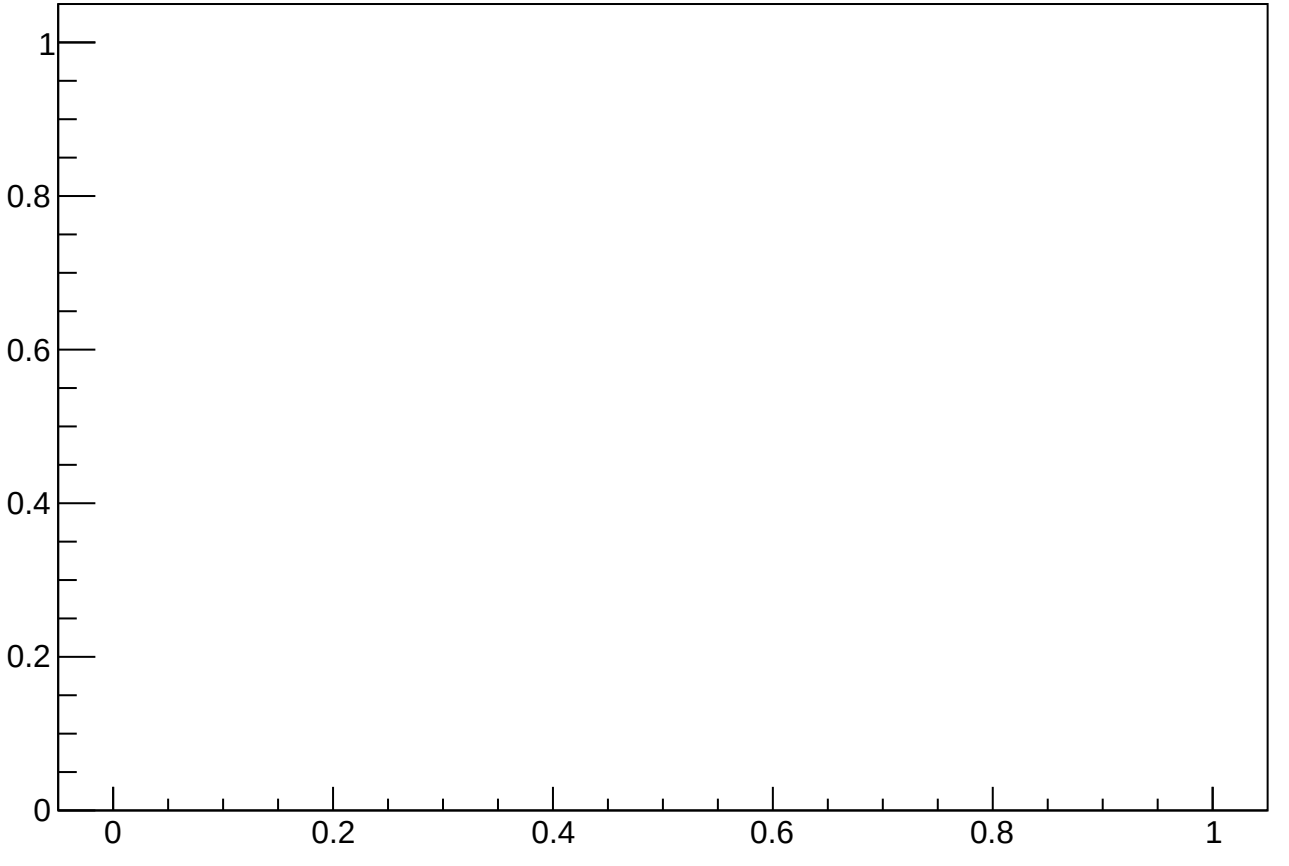
dit_4eX_coil6_mean vs Slug, Sign Corrected



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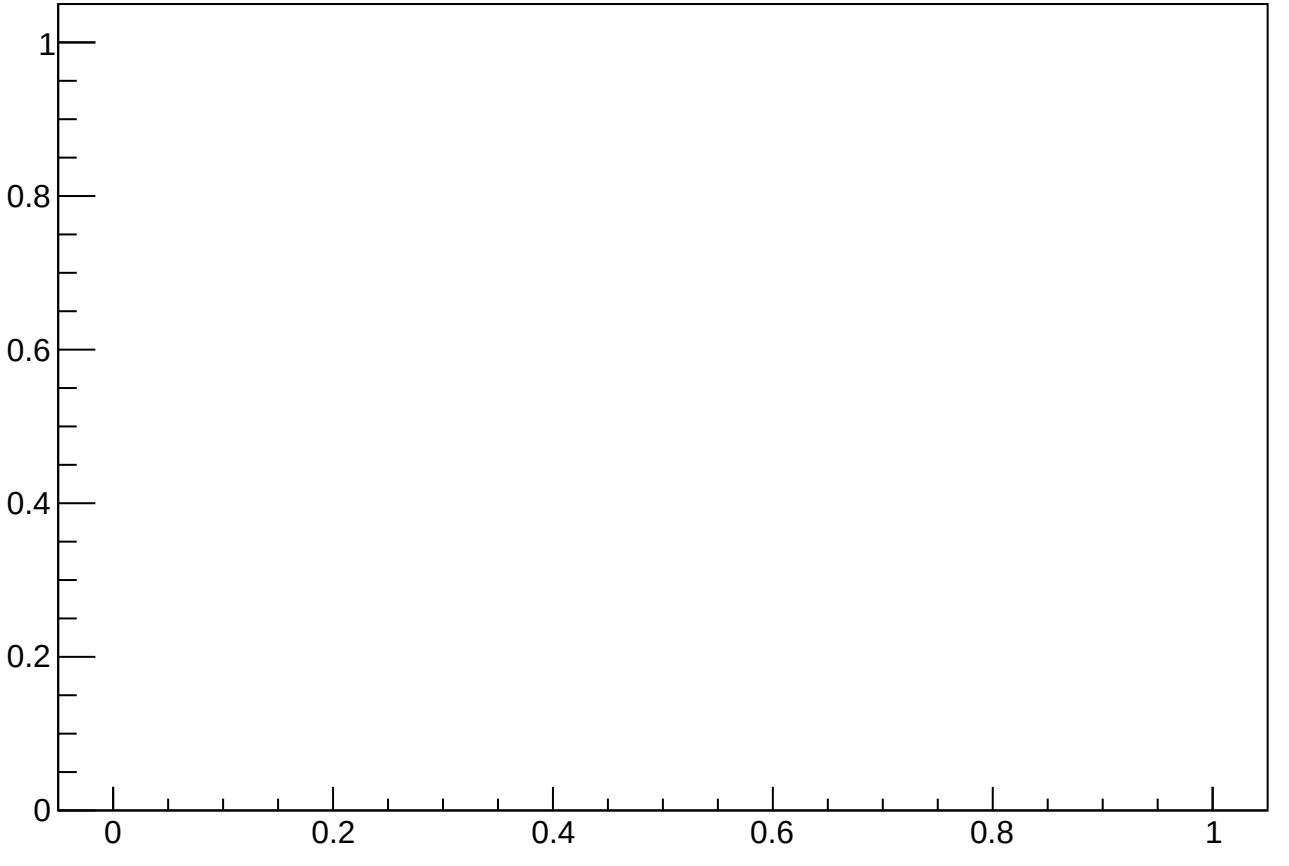
dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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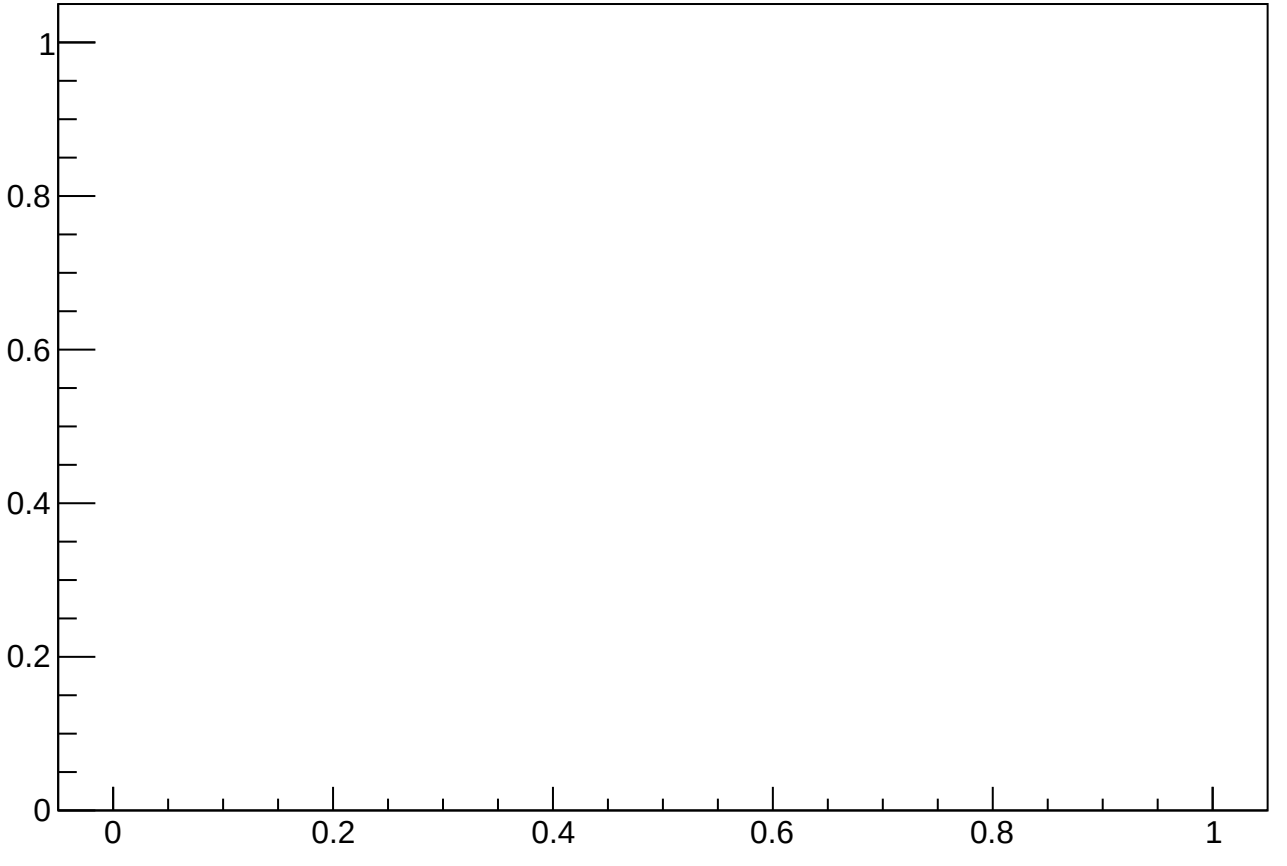
dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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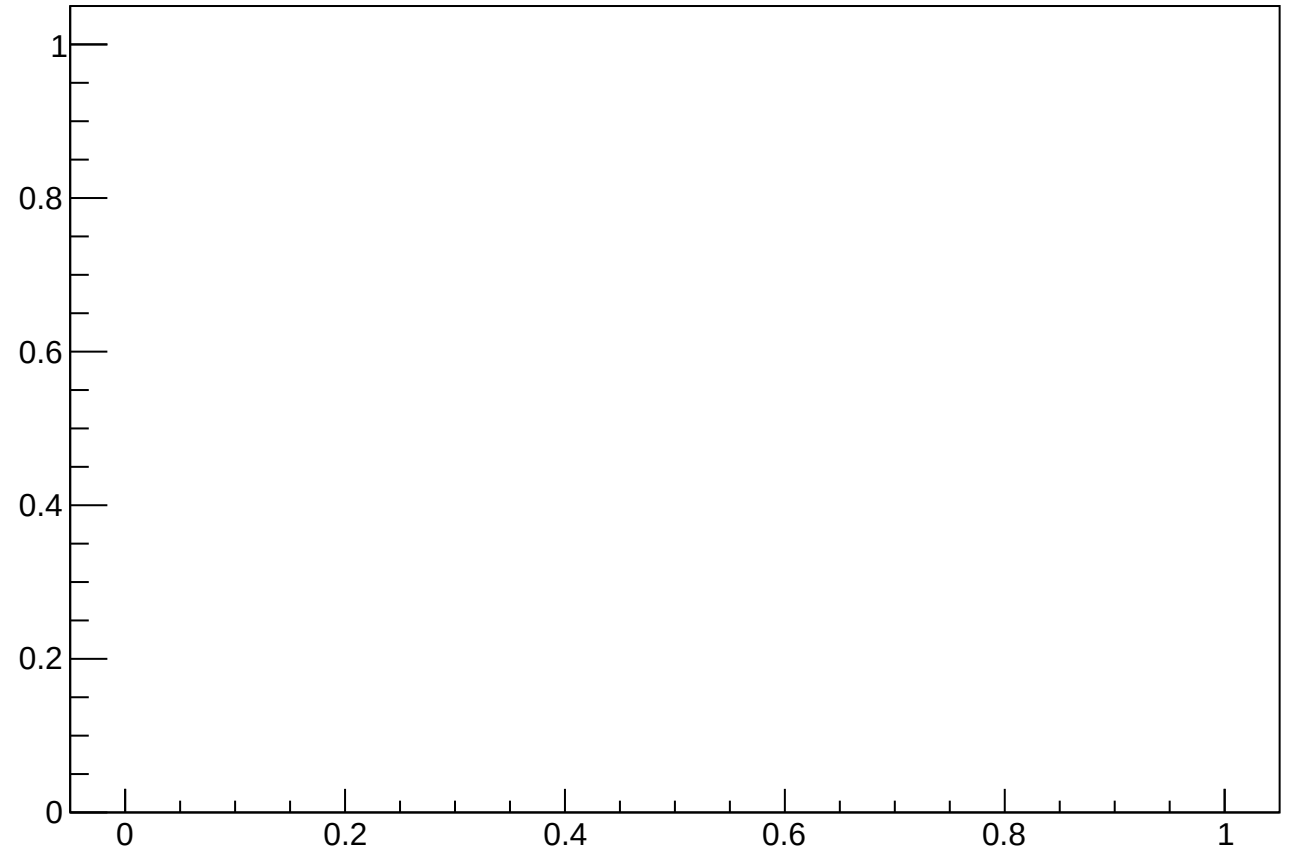

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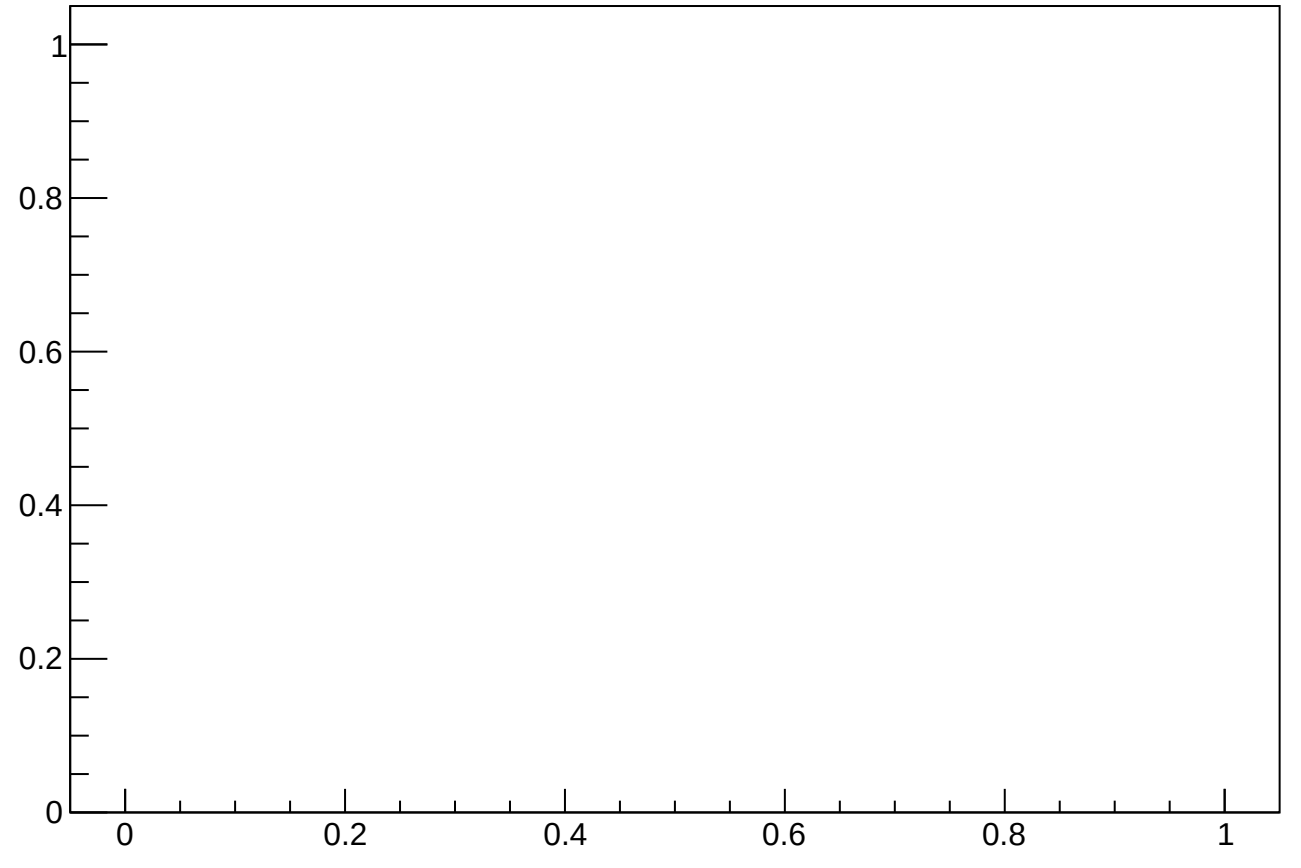

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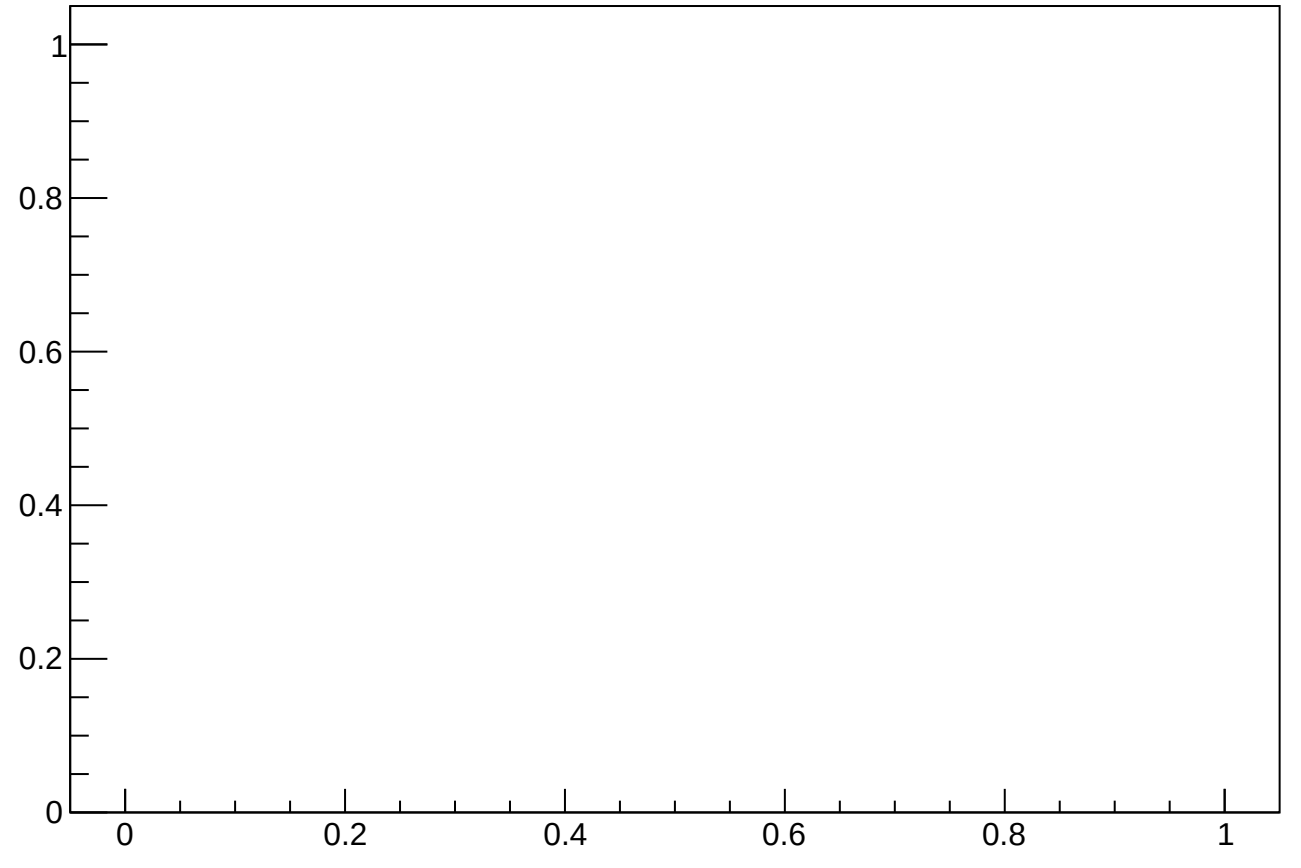

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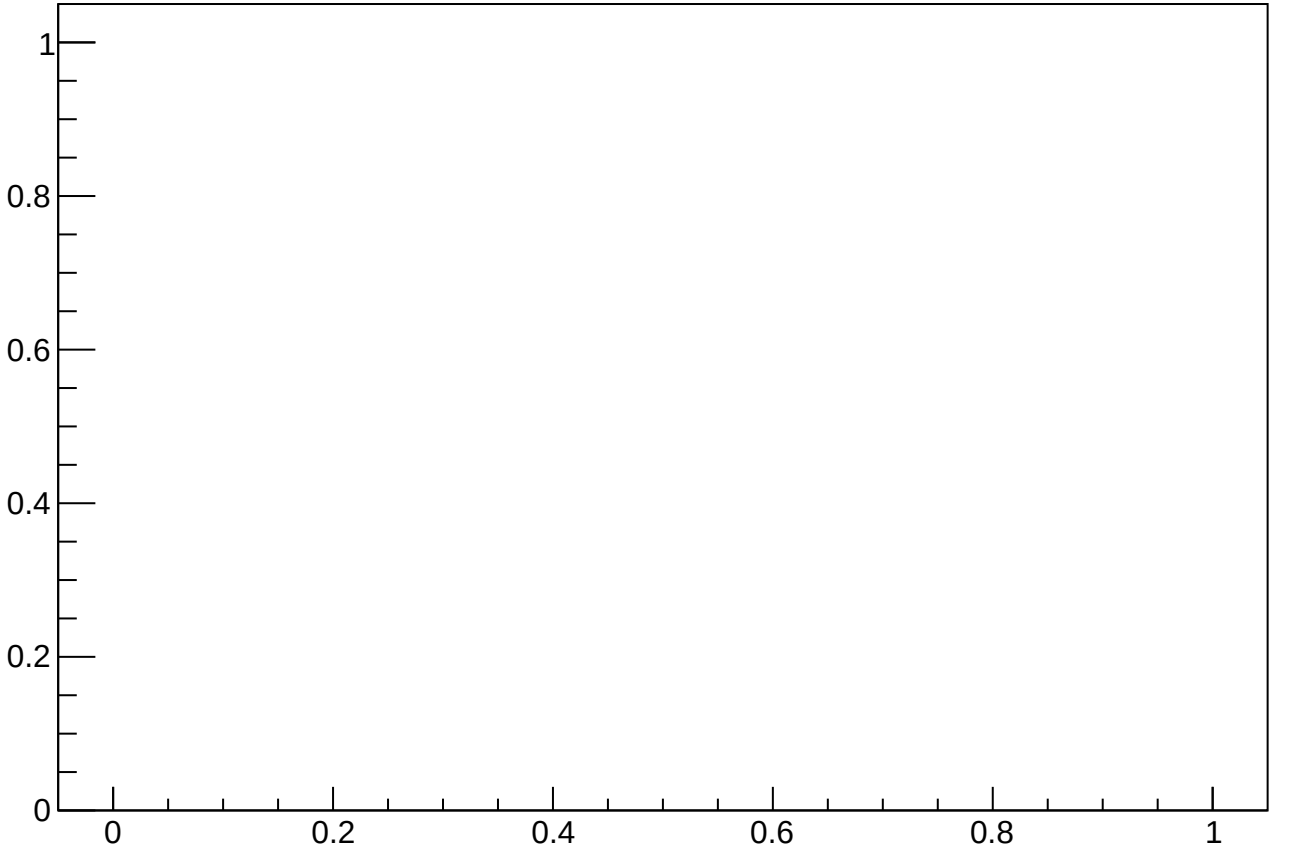
dit_4aY_coil6_mean vs Slug, Sign Corrected



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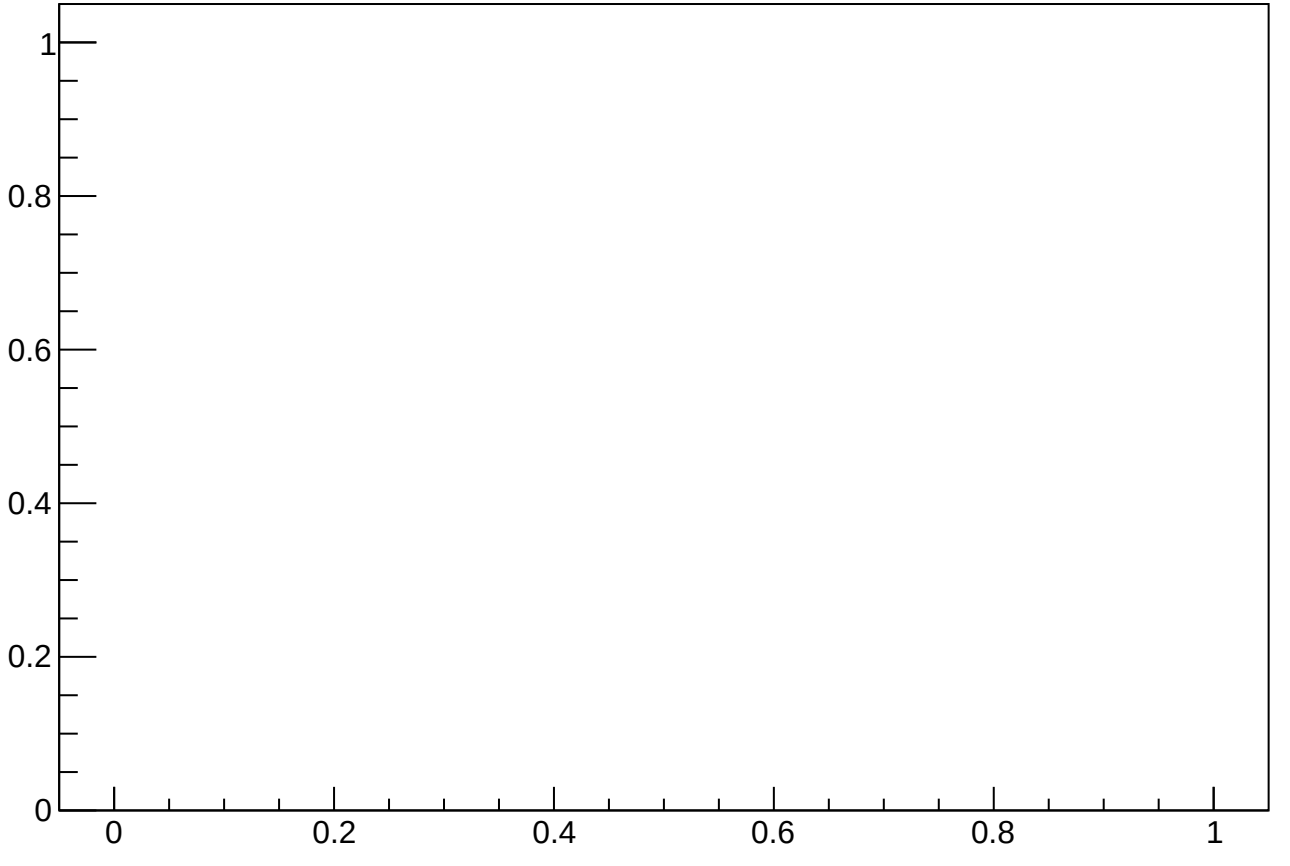
dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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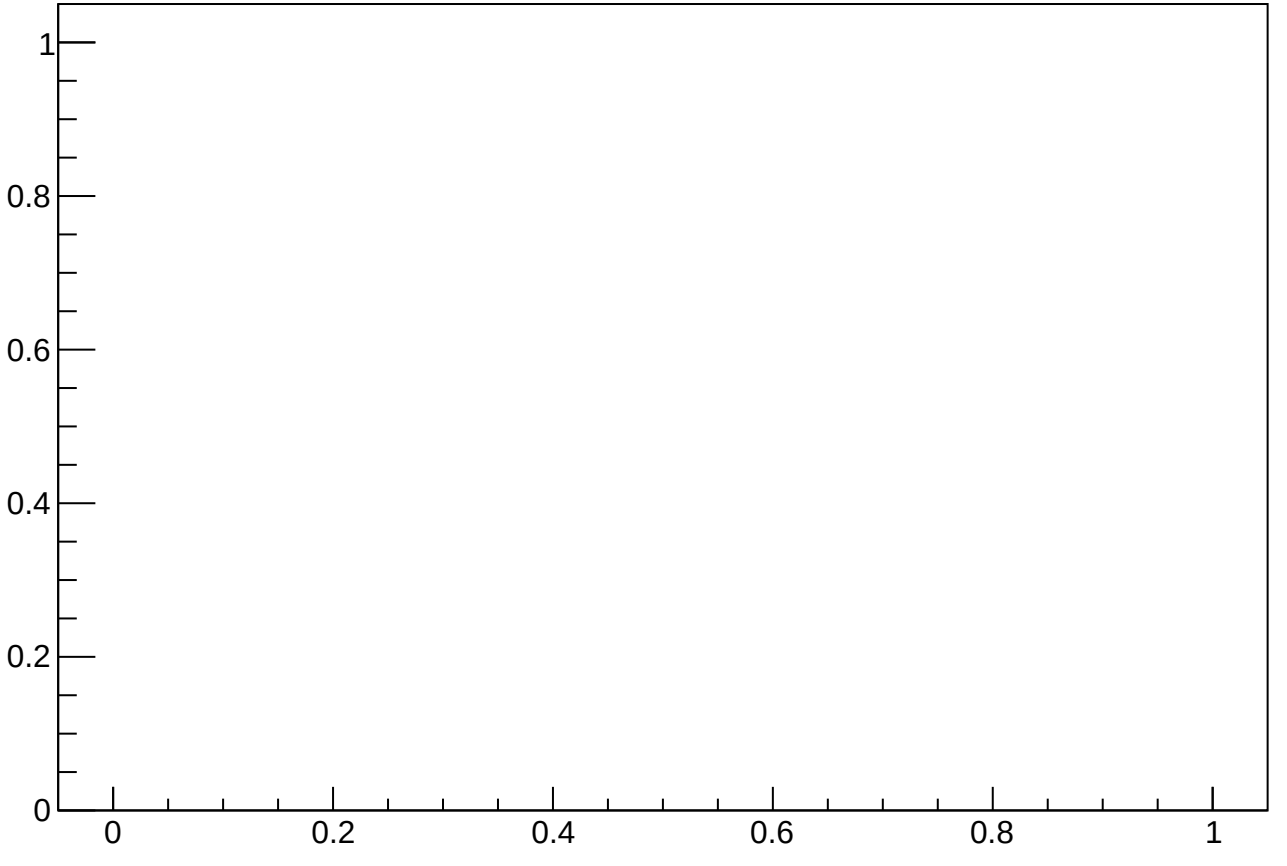
dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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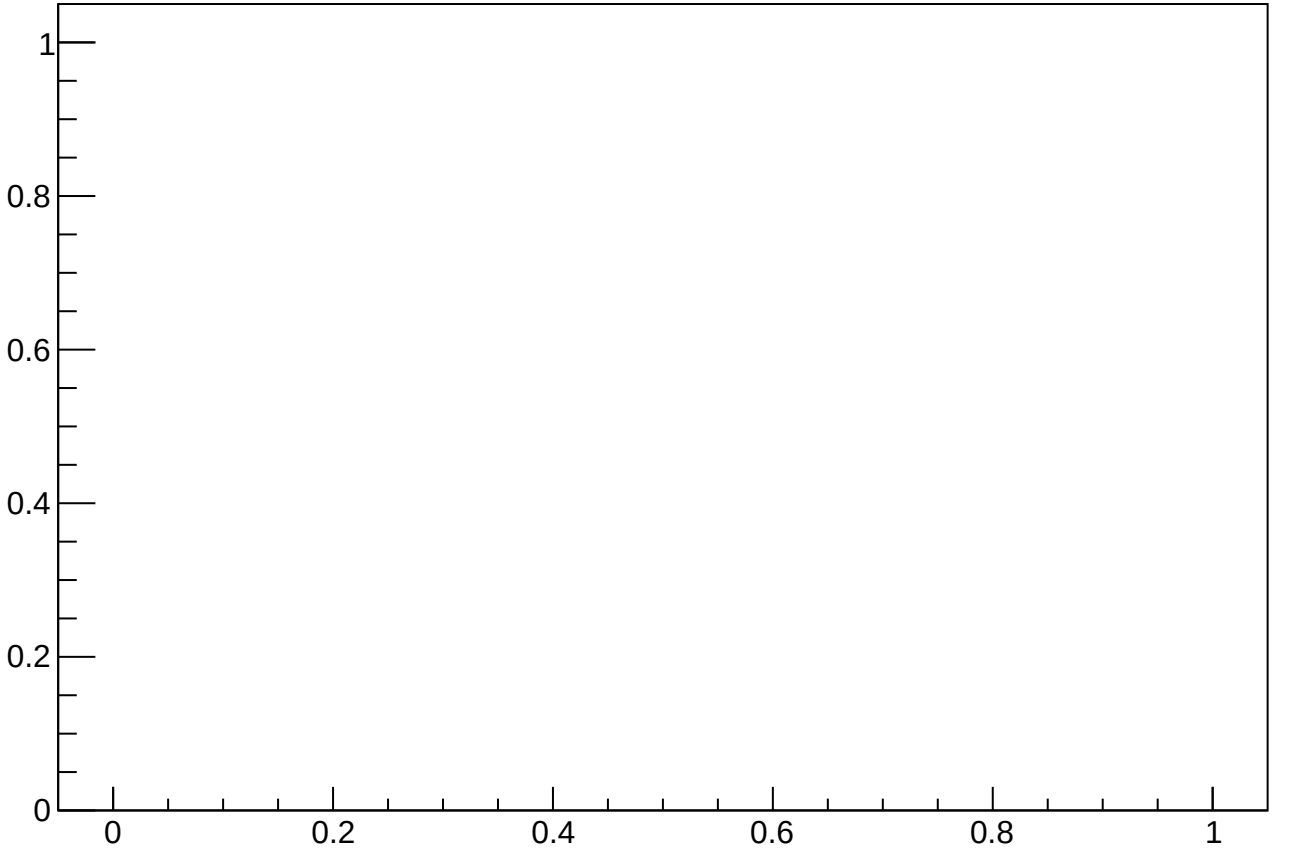
dit_4eY_coil6_mean vs Slug, Sign Corrected



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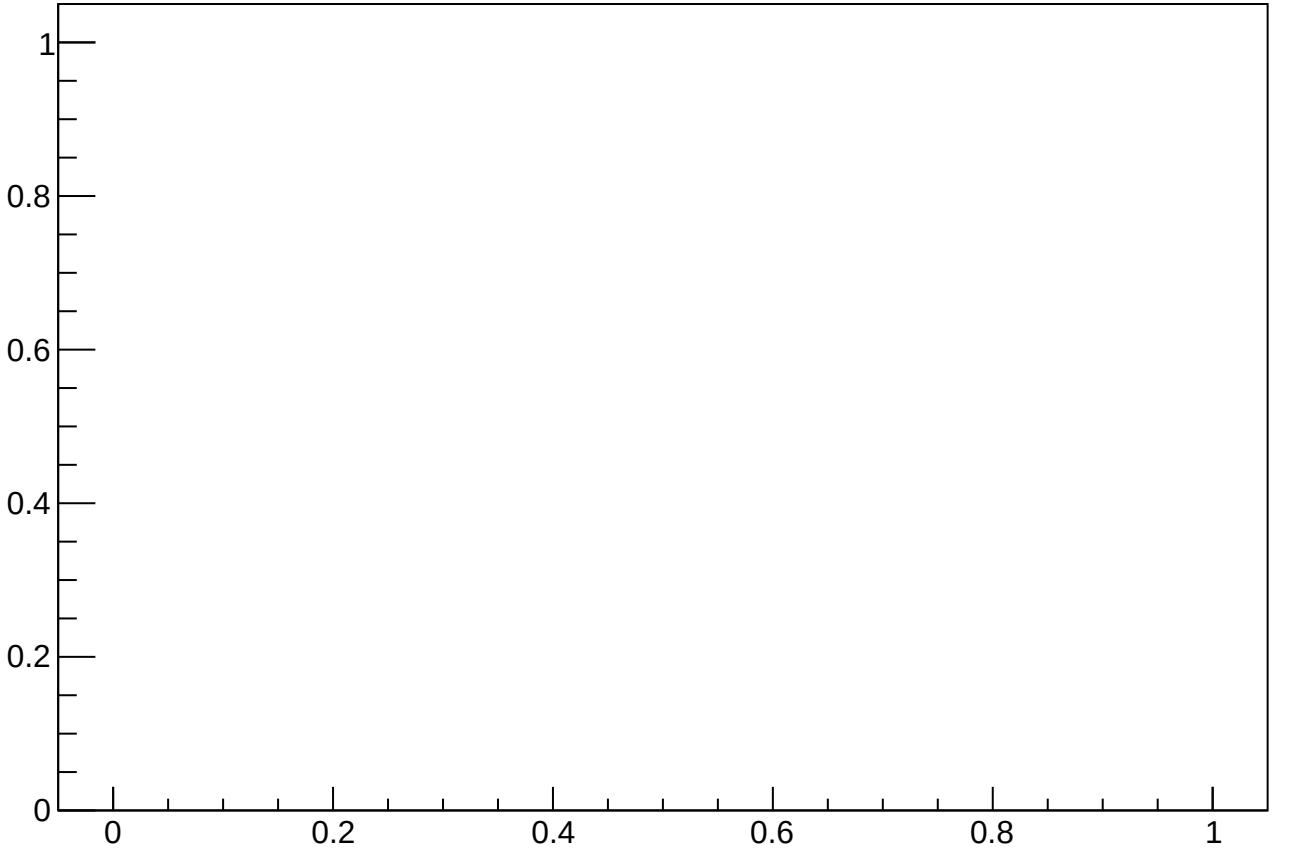
dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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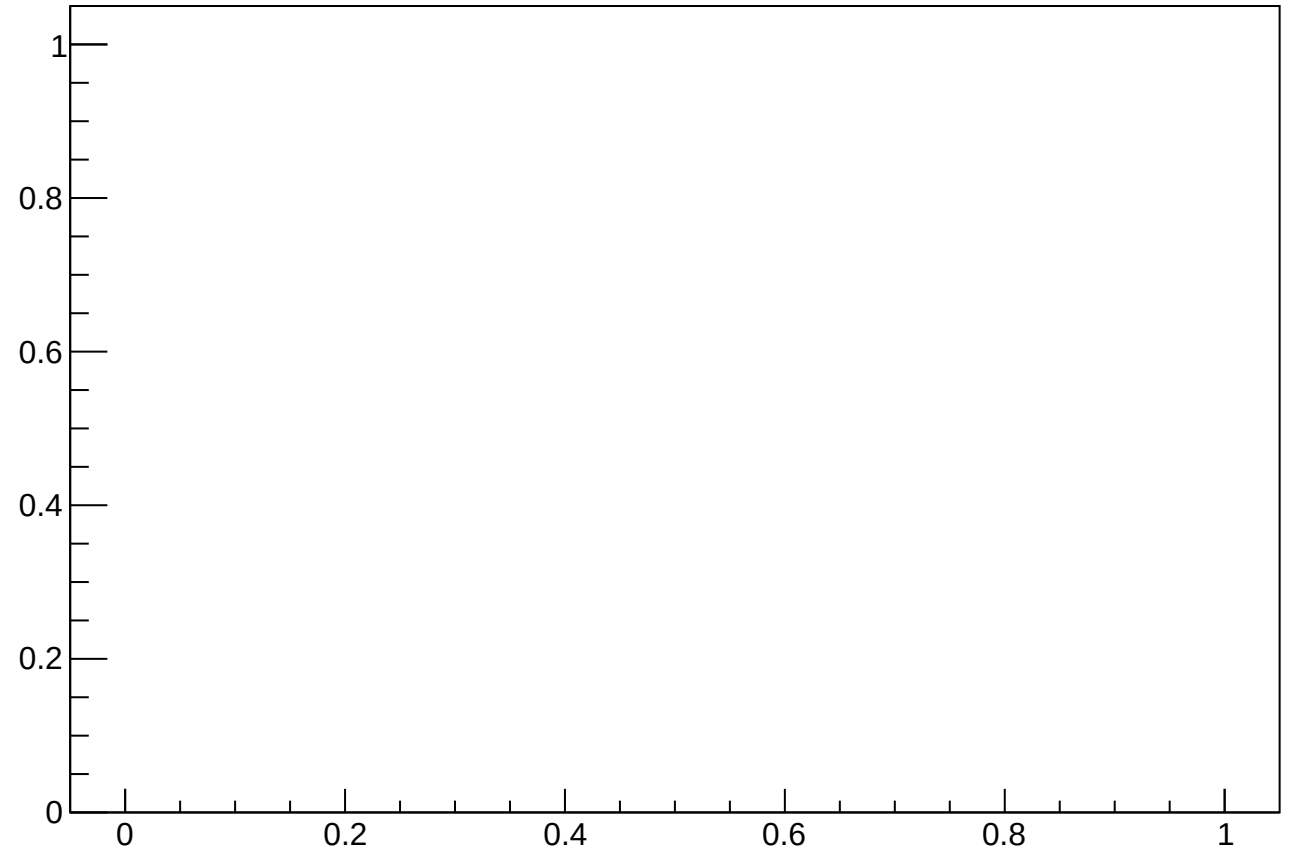

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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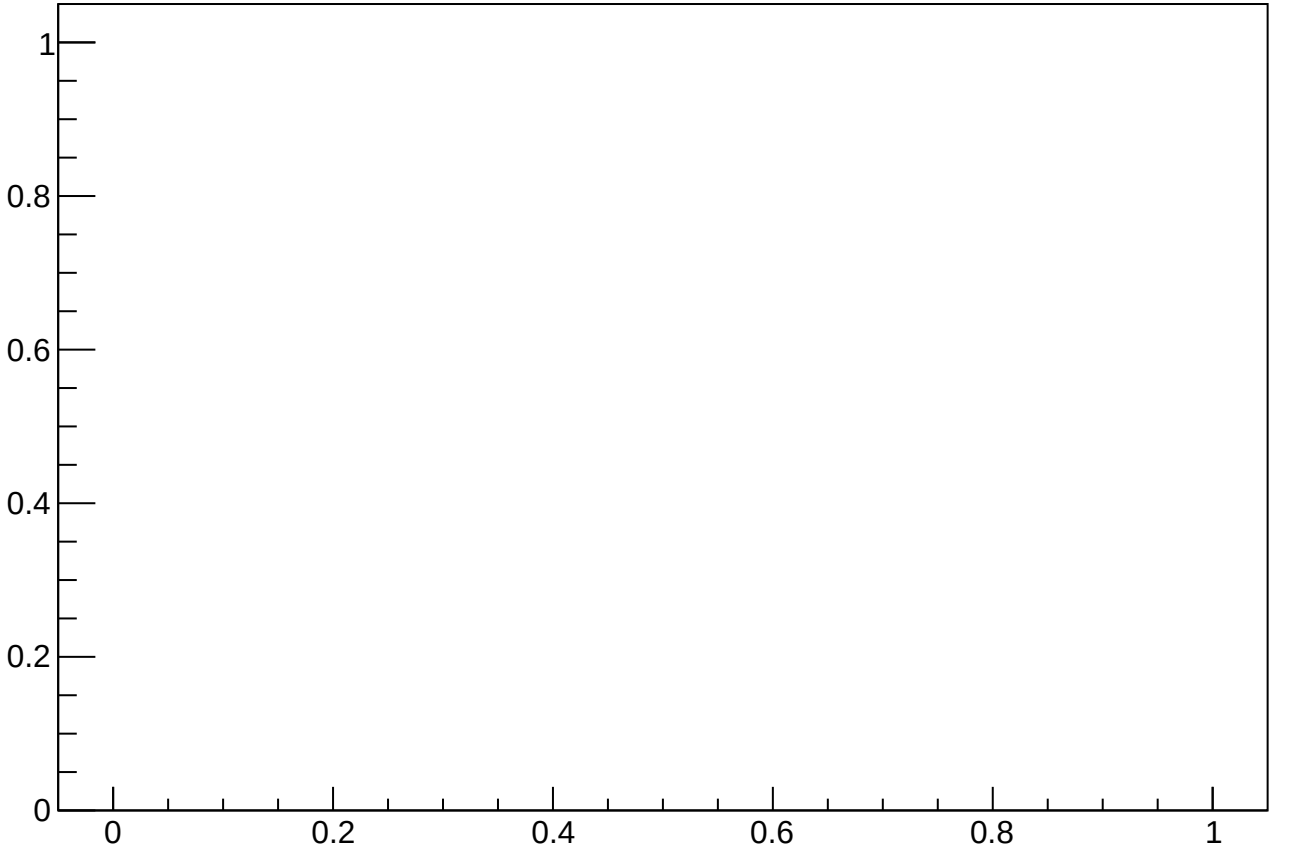
dit_usl_coil6_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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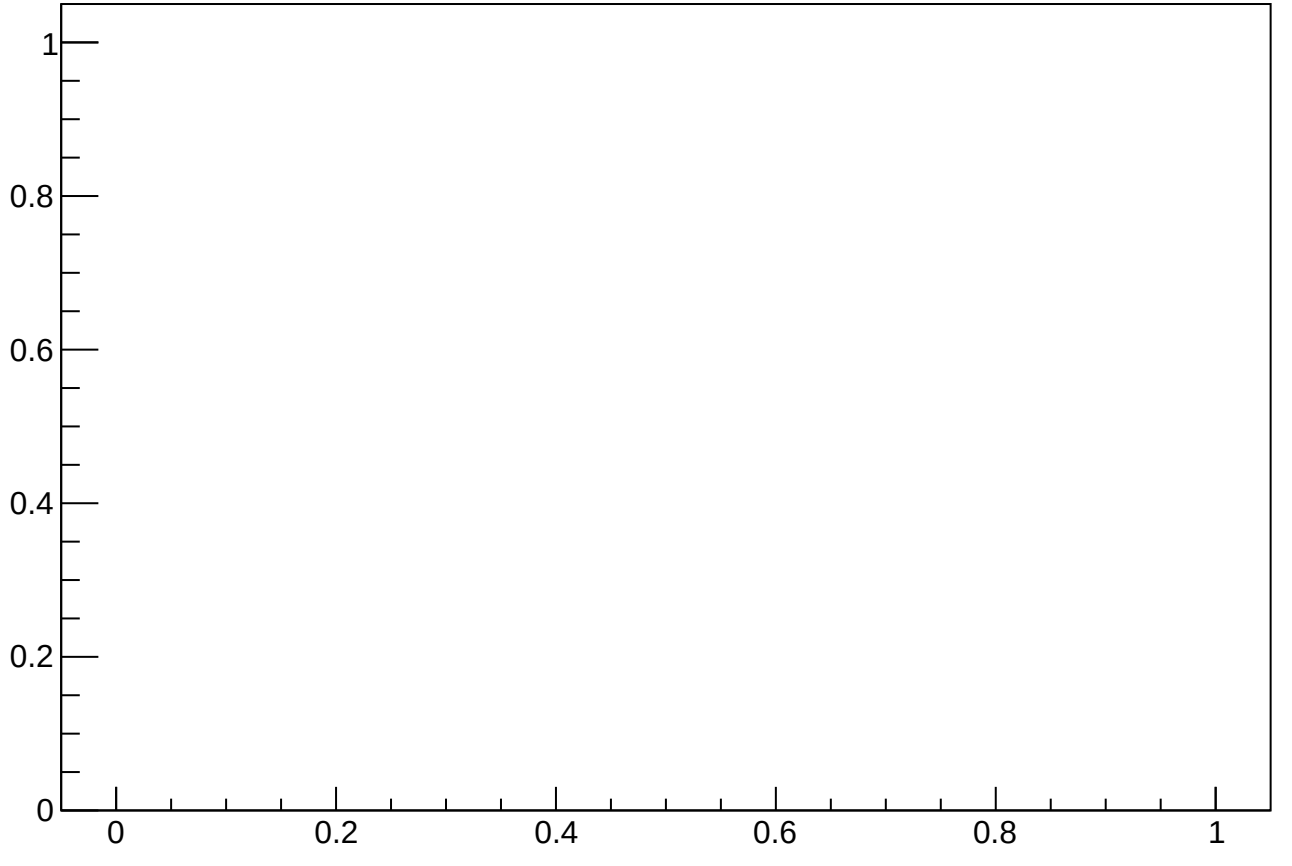
dit_usl_coil6_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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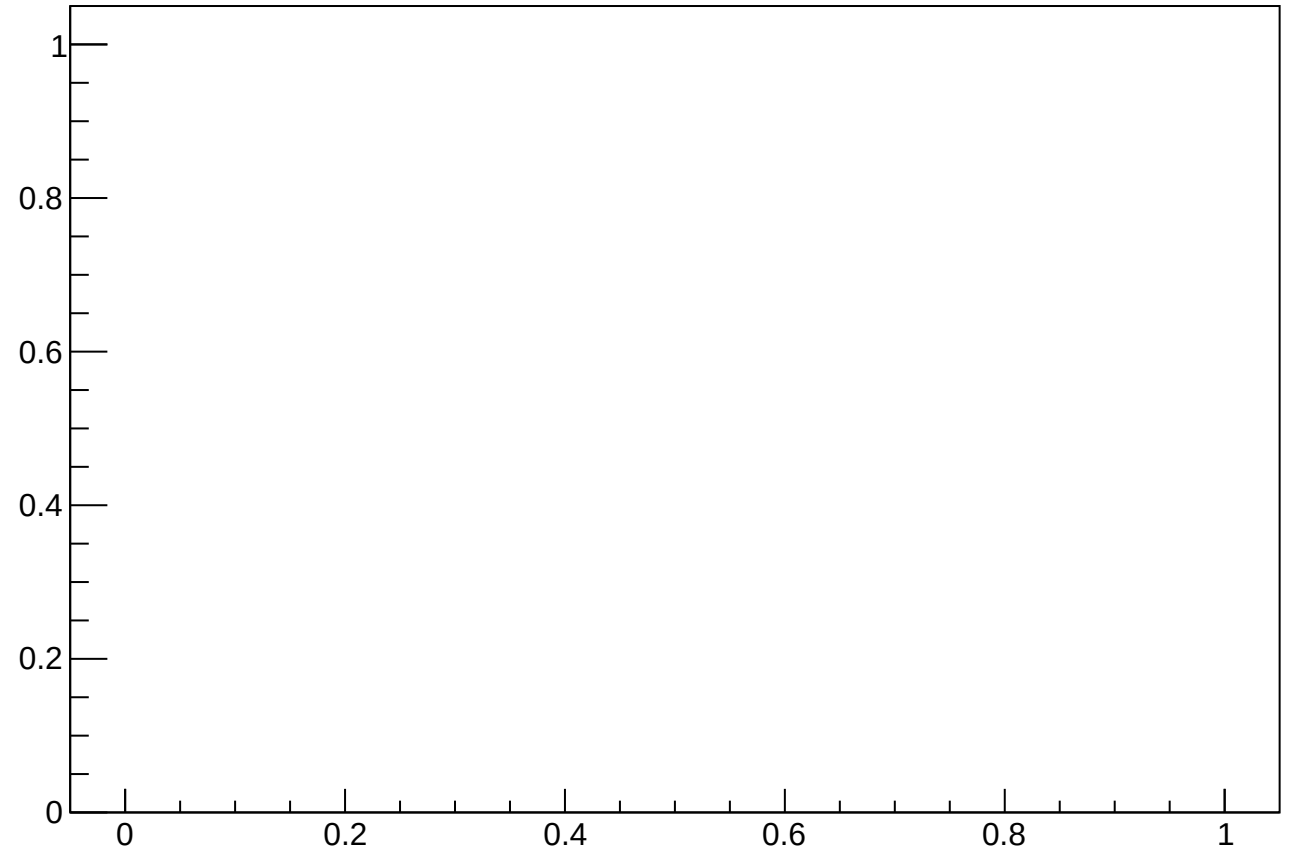

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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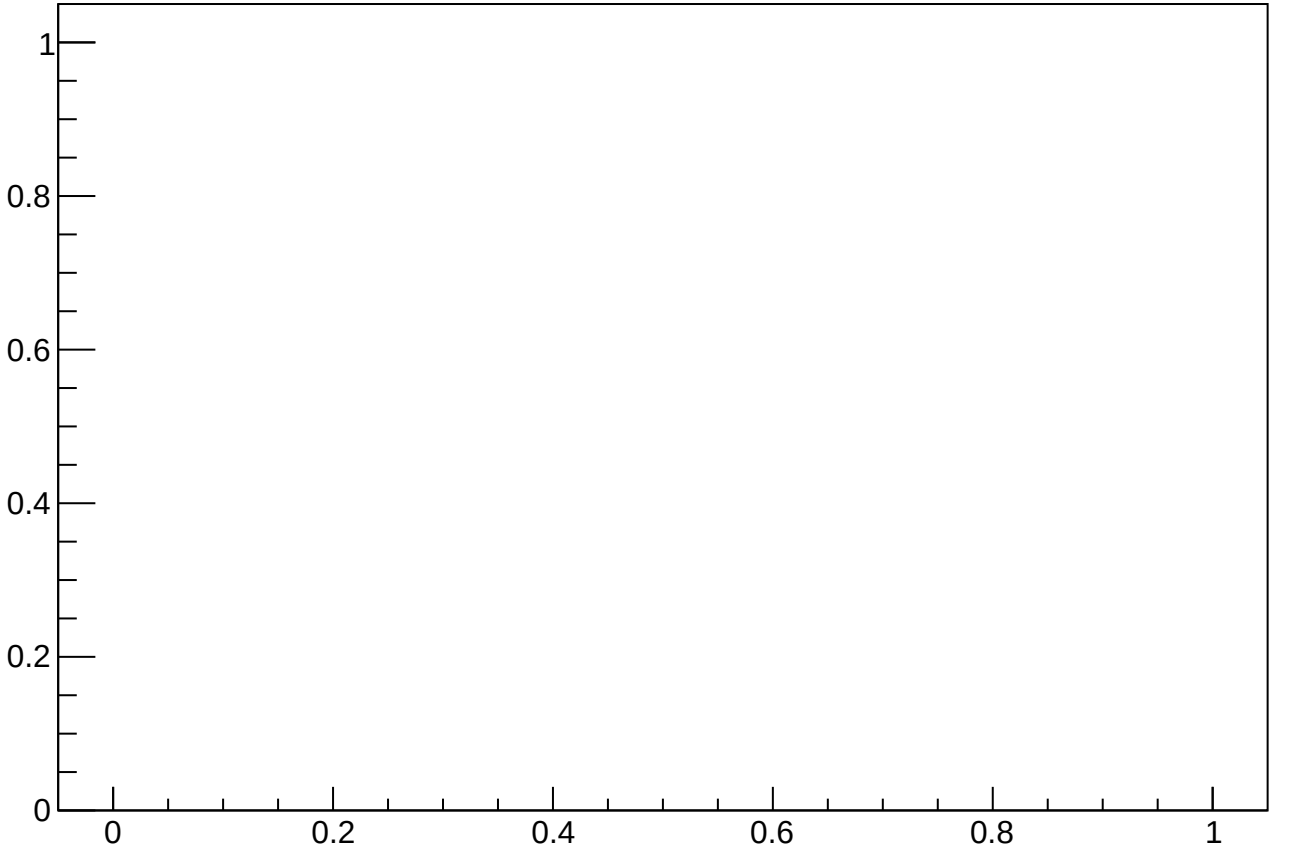
dit_usr_coil6_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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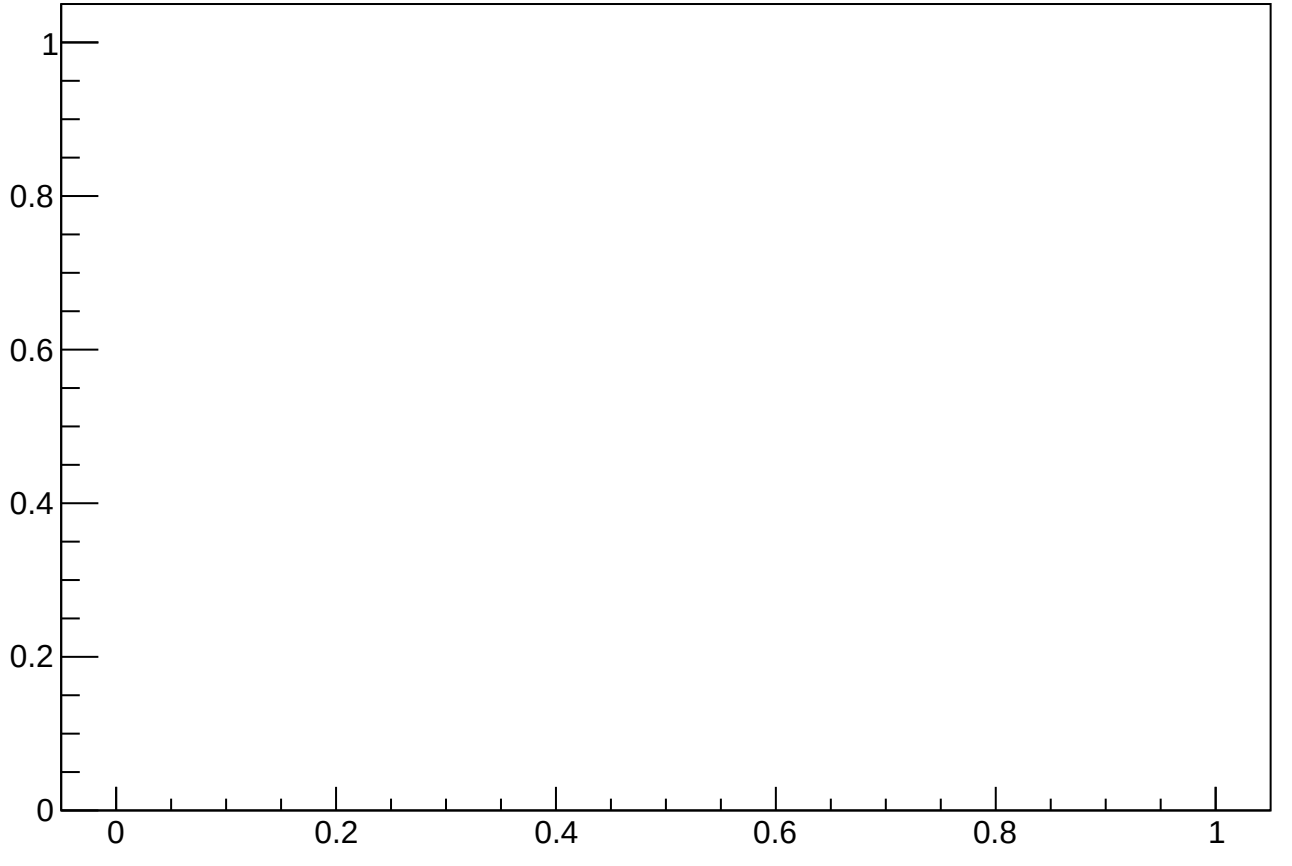
dit_usr_coil6_err_mean vs Slug, Sign Corrected



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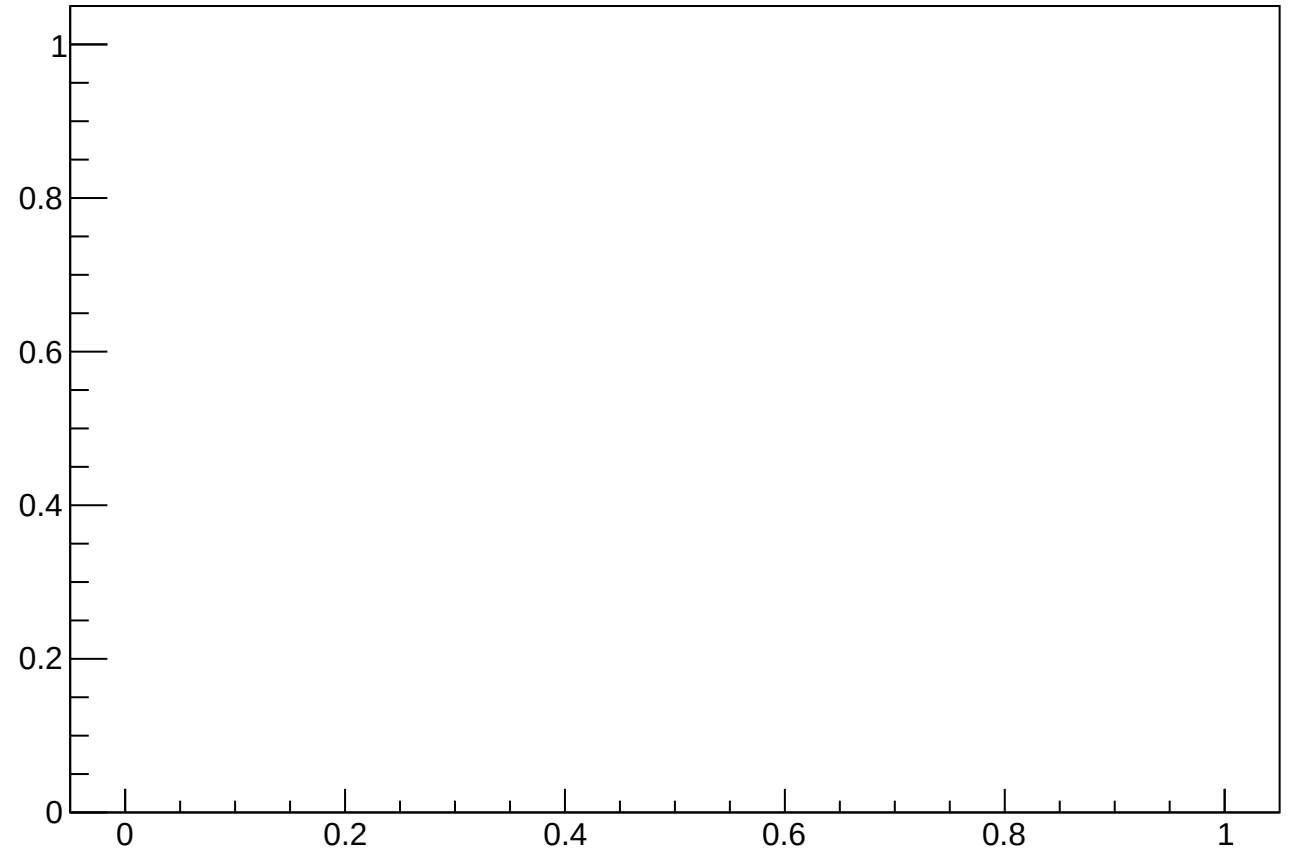

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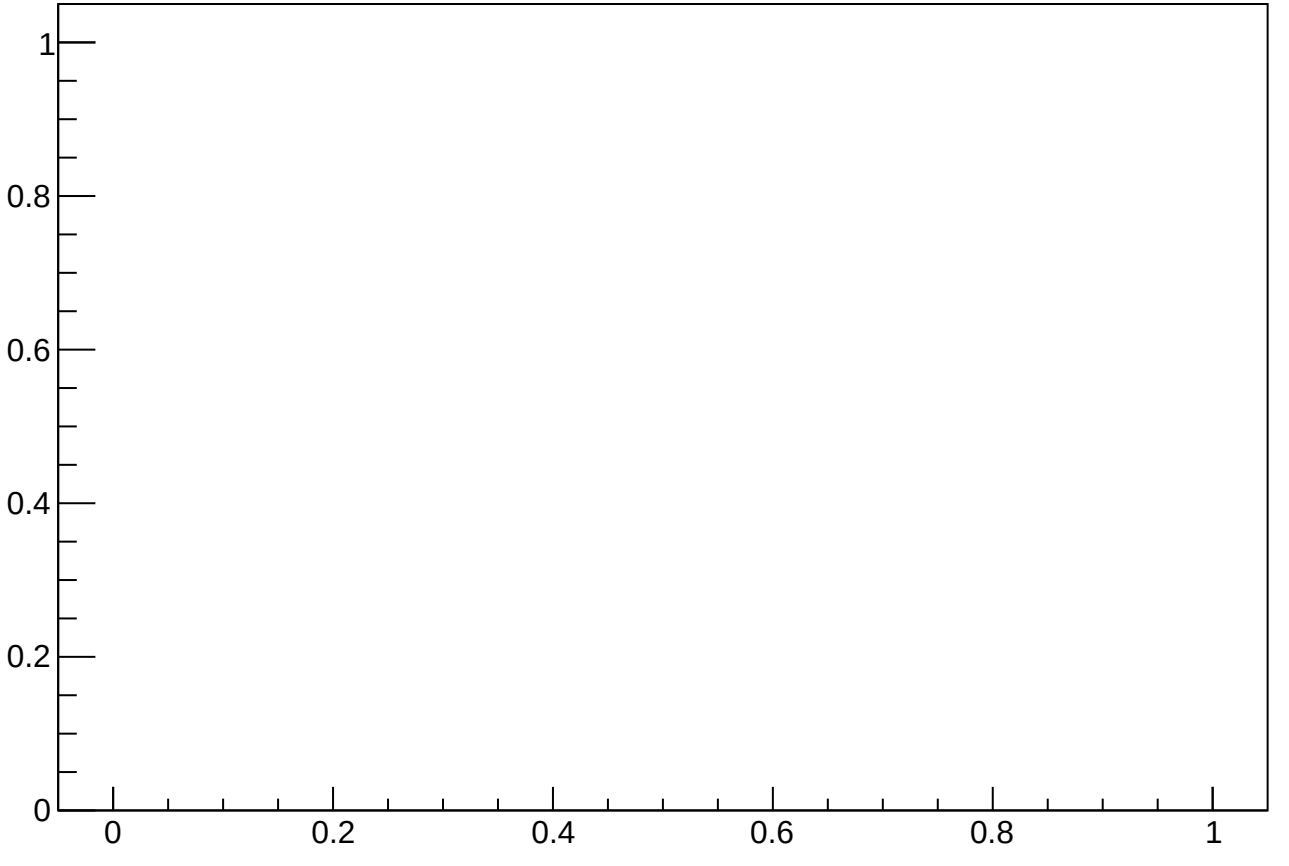
dit_atl1_coil6_mean vs Slug, Sign Corrected



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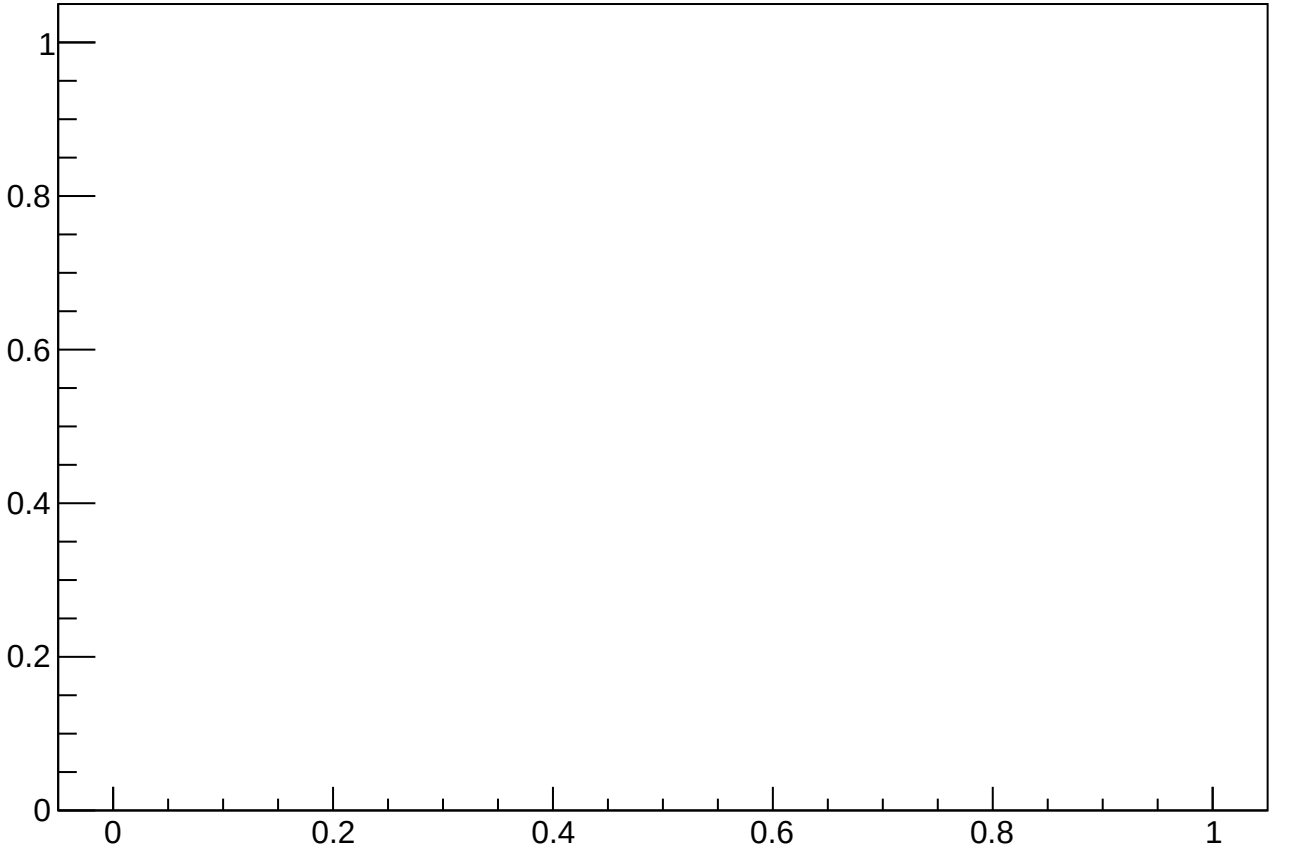
dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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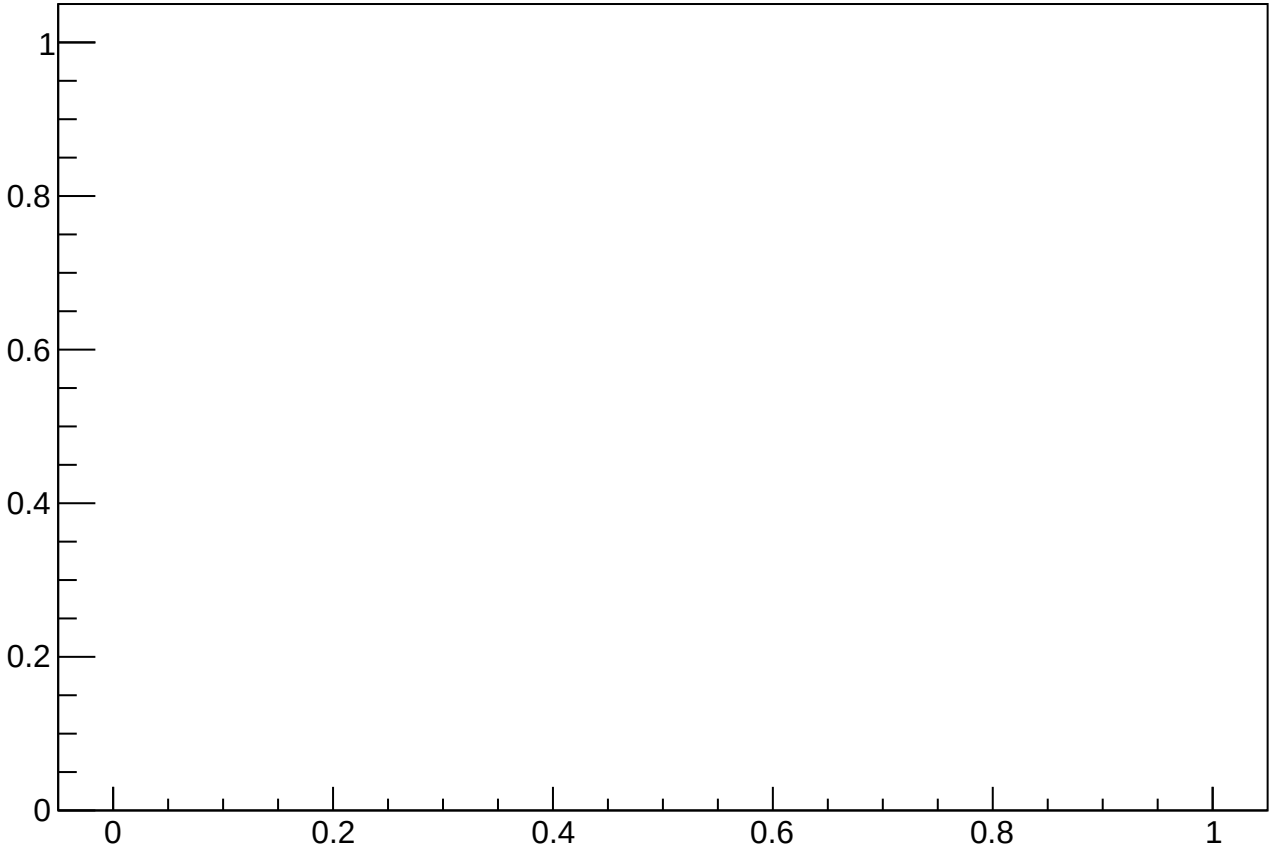
dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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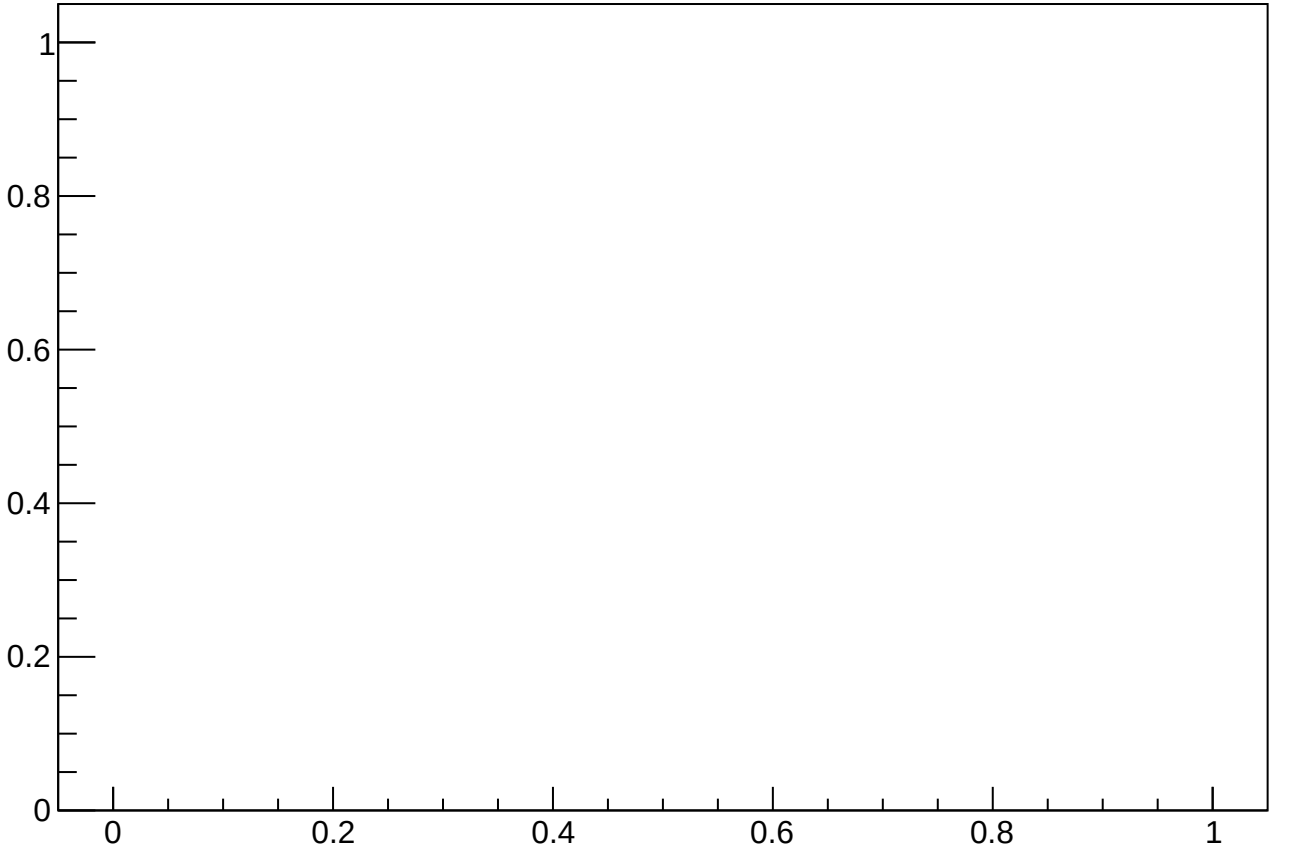
dit_atl2_coil6_mean vs Slug, Sign Corrected



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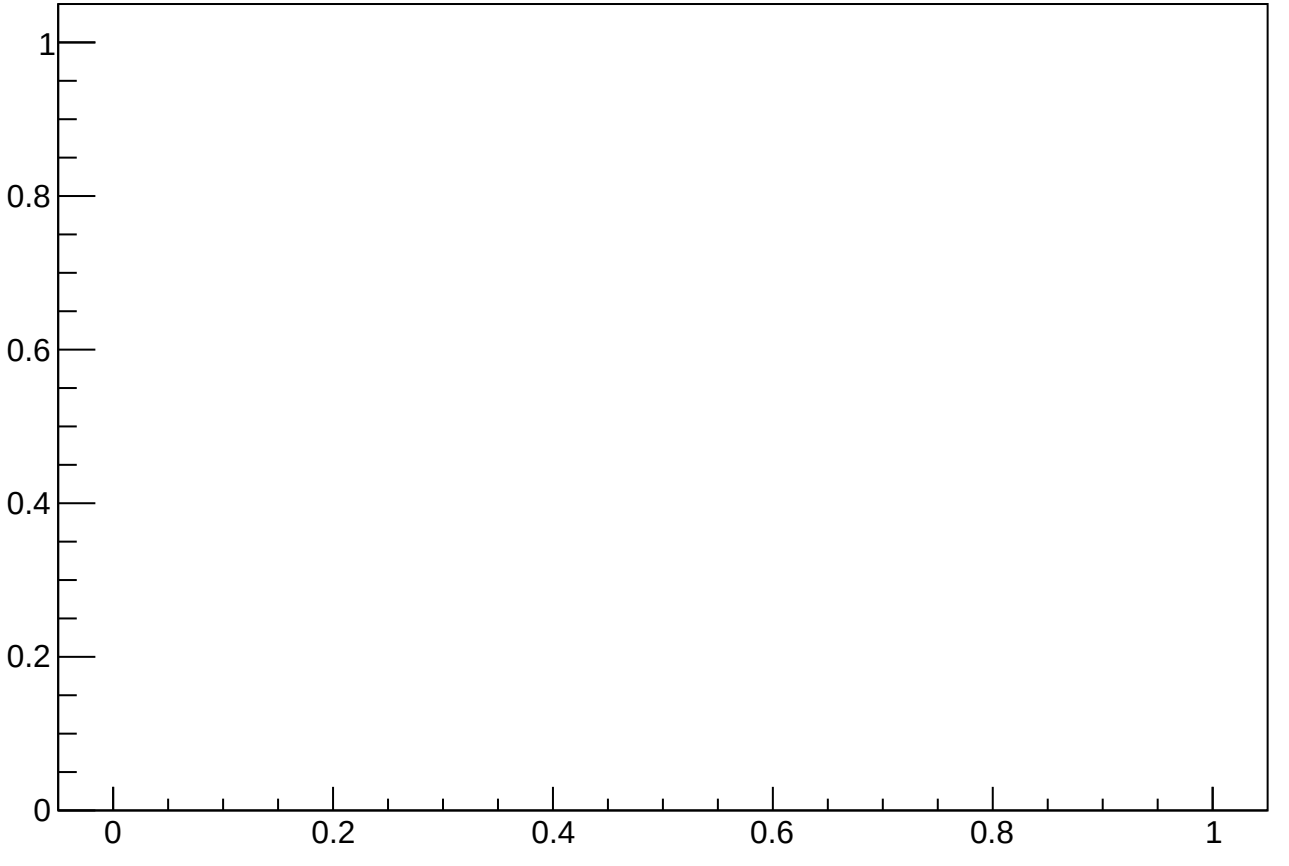
dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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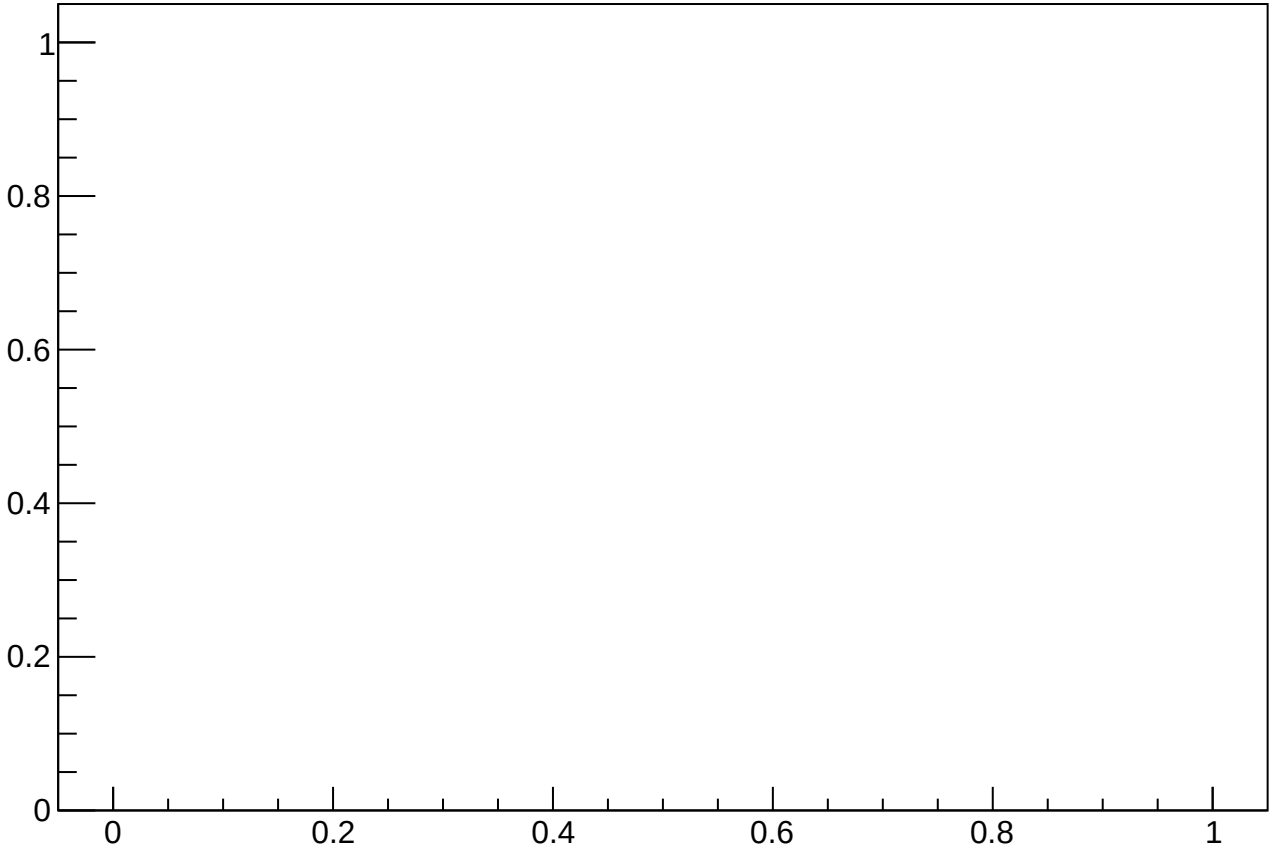
dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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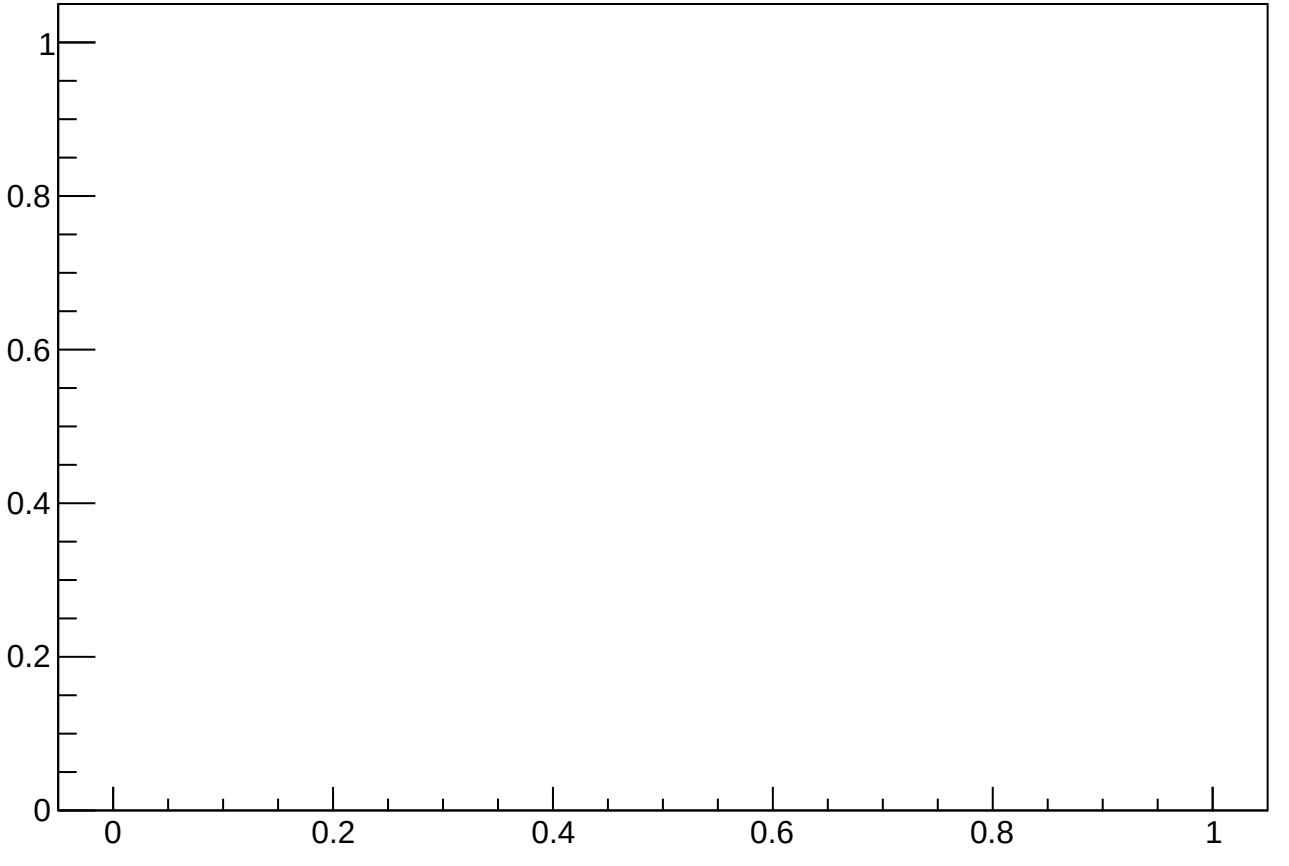
dit_atr1_coil6_mean vs Slug, Sign Corrected



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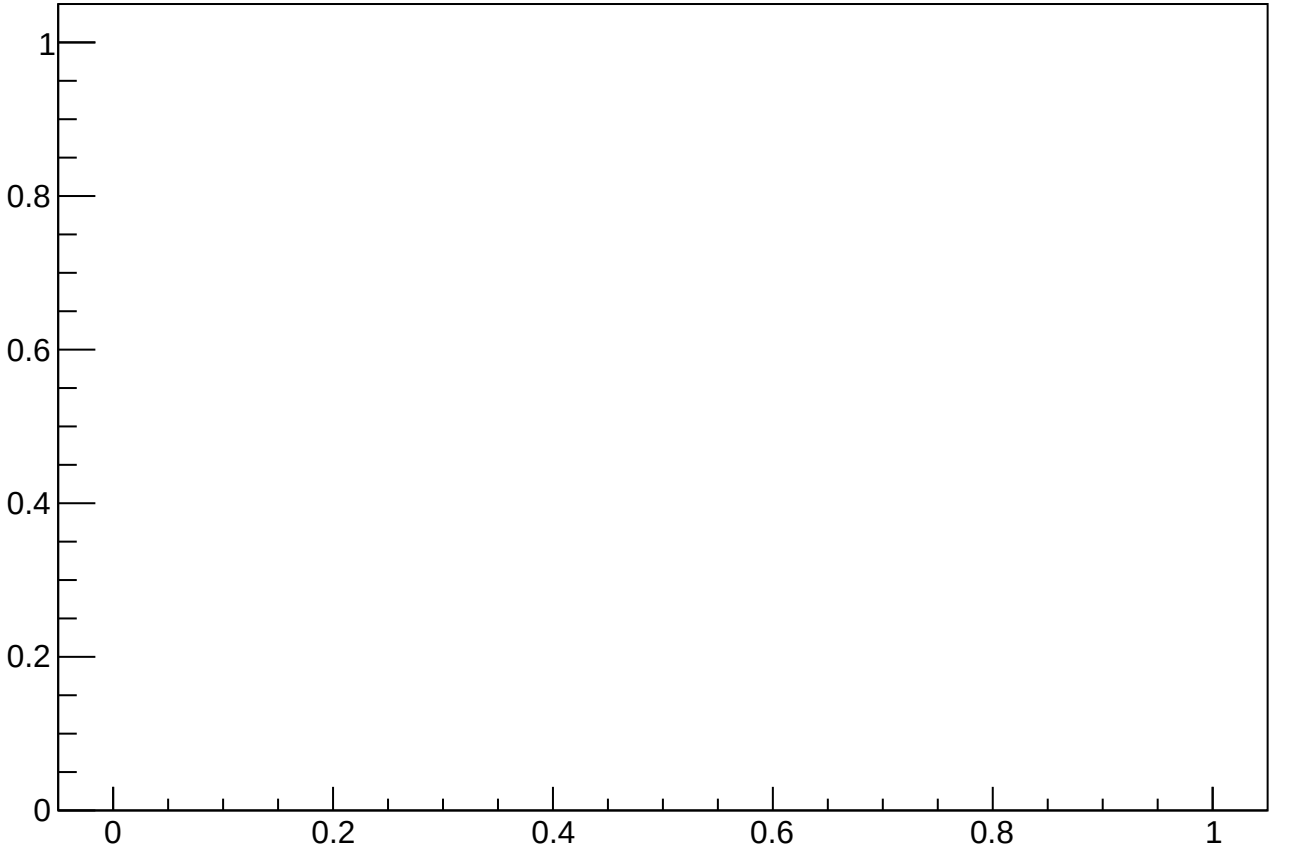
dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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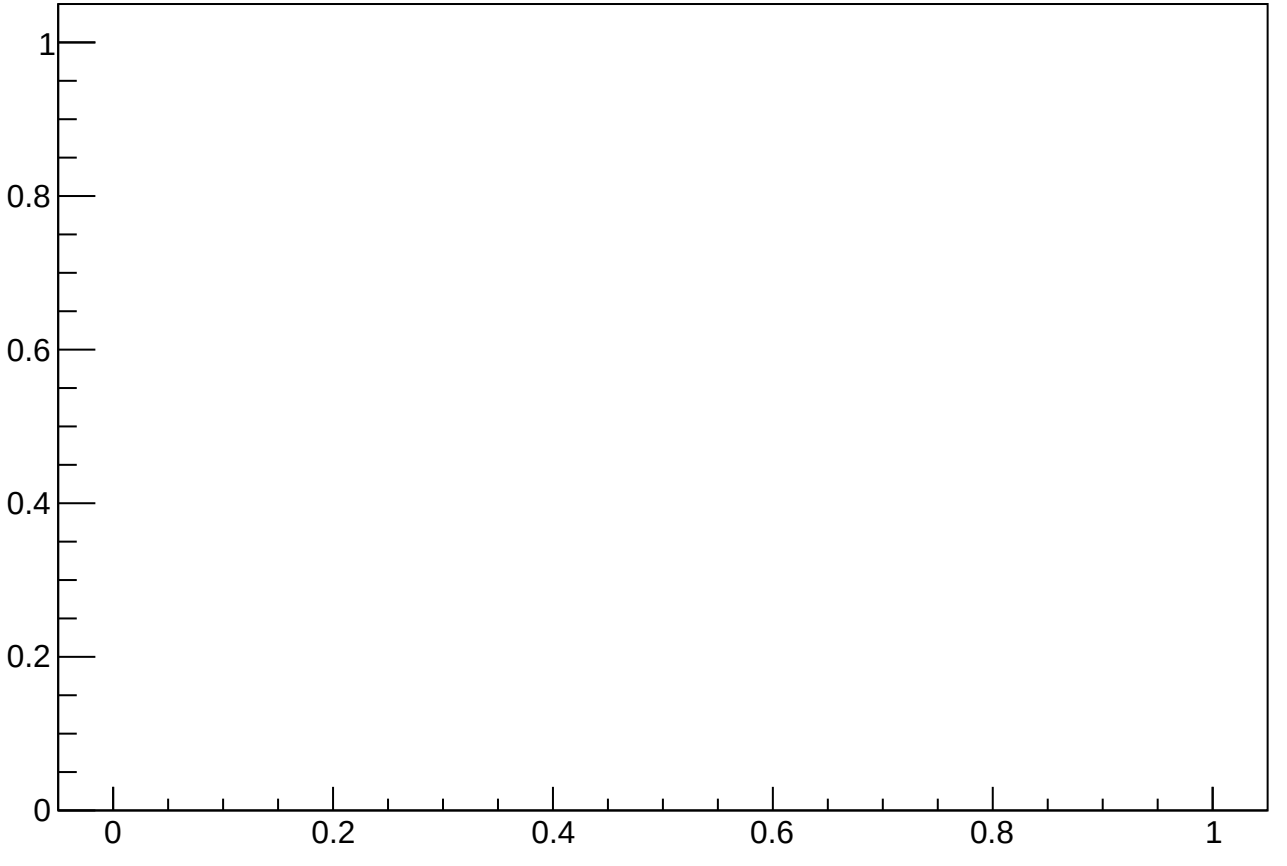
dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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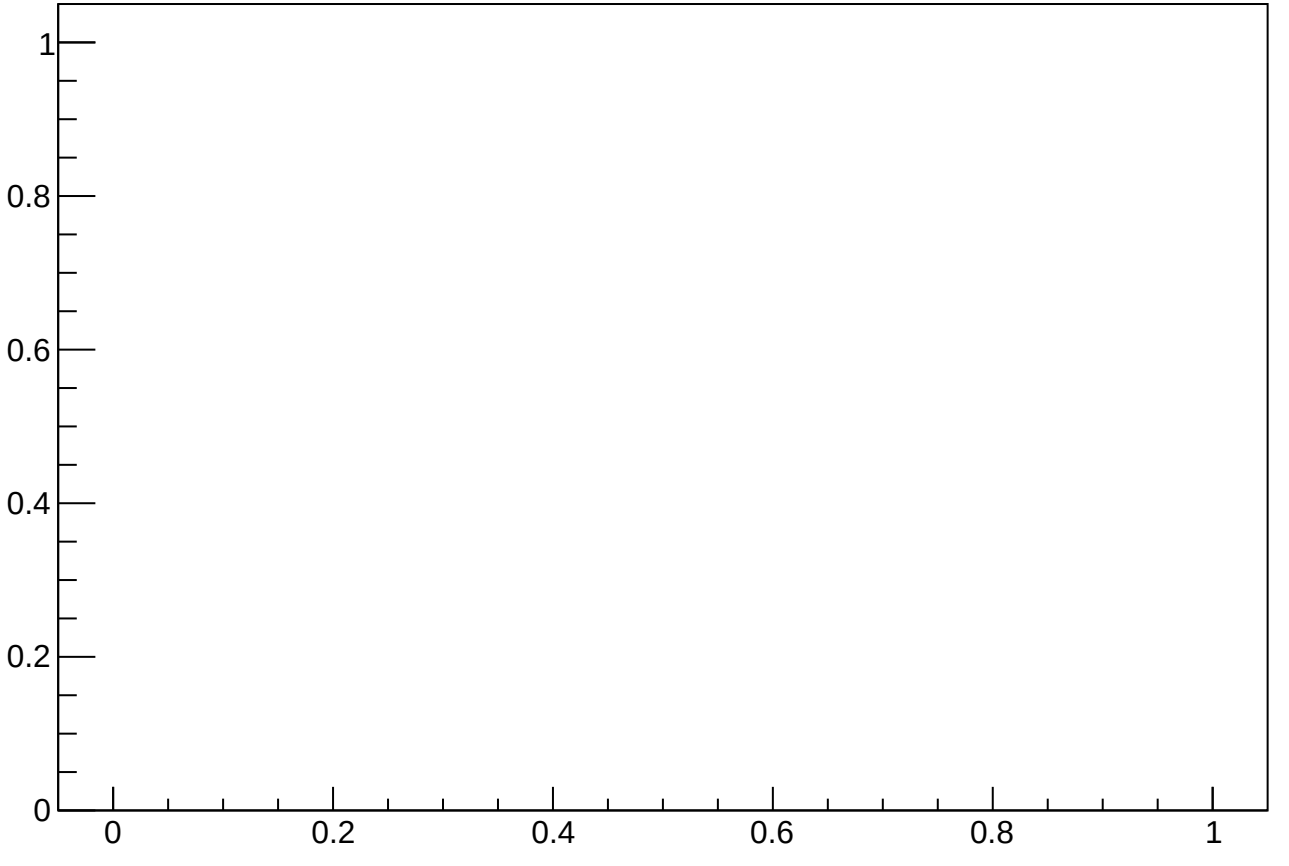

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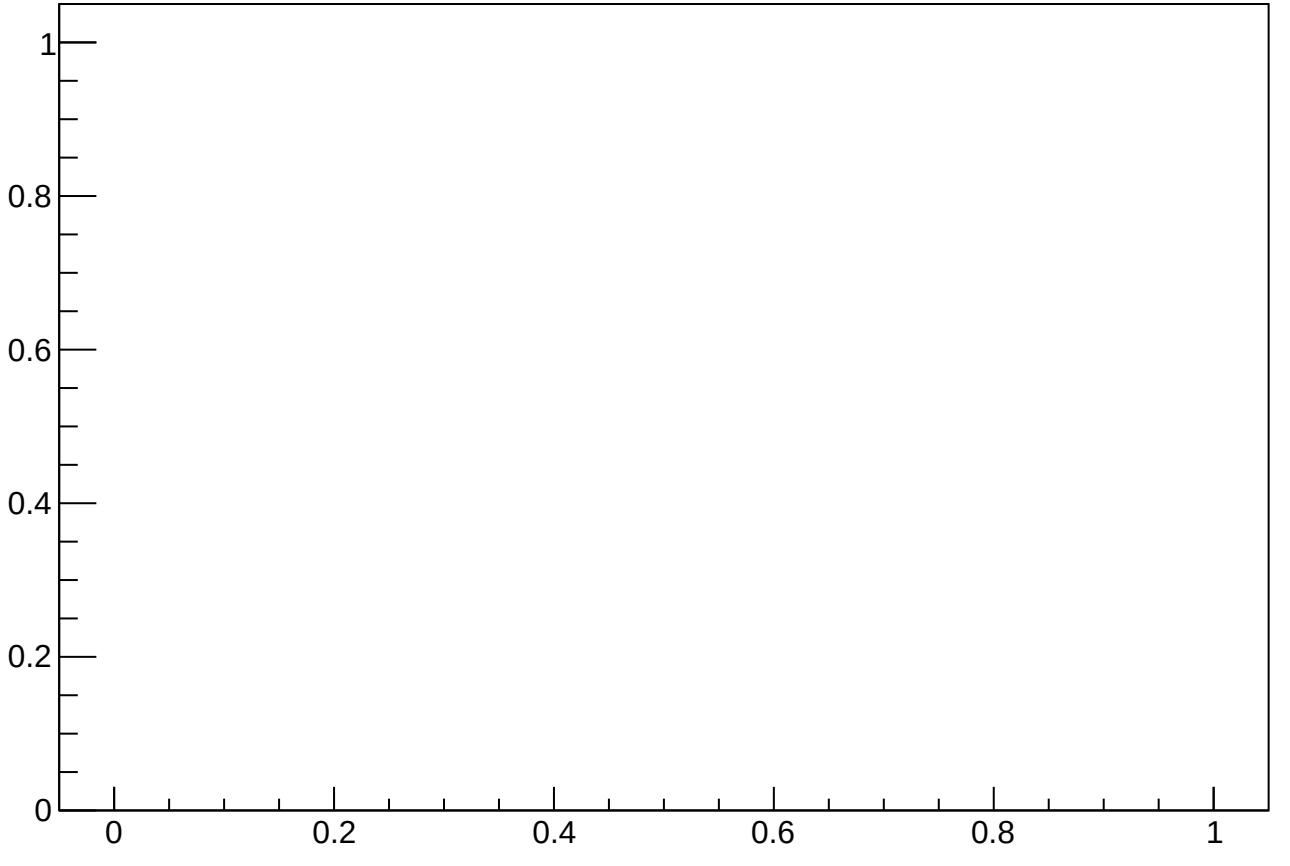
dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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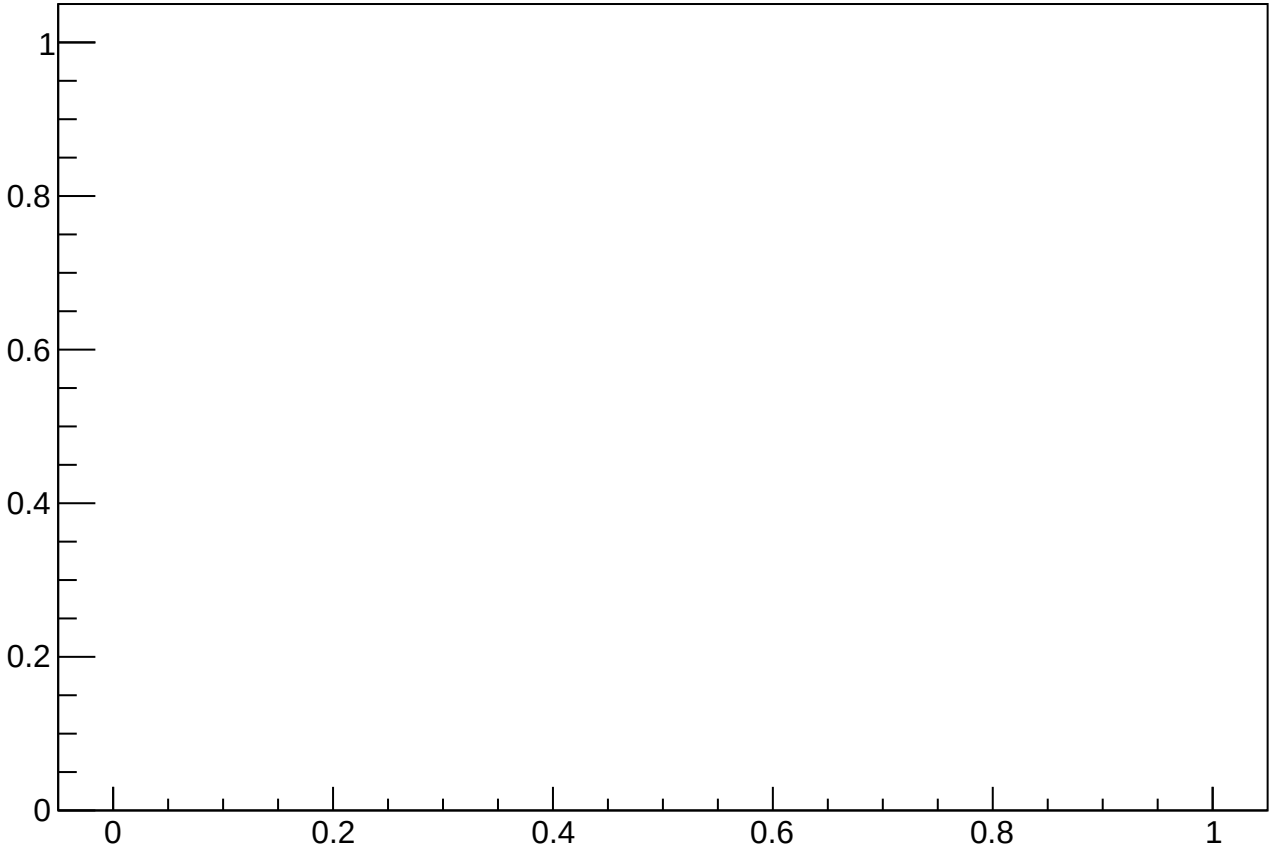
dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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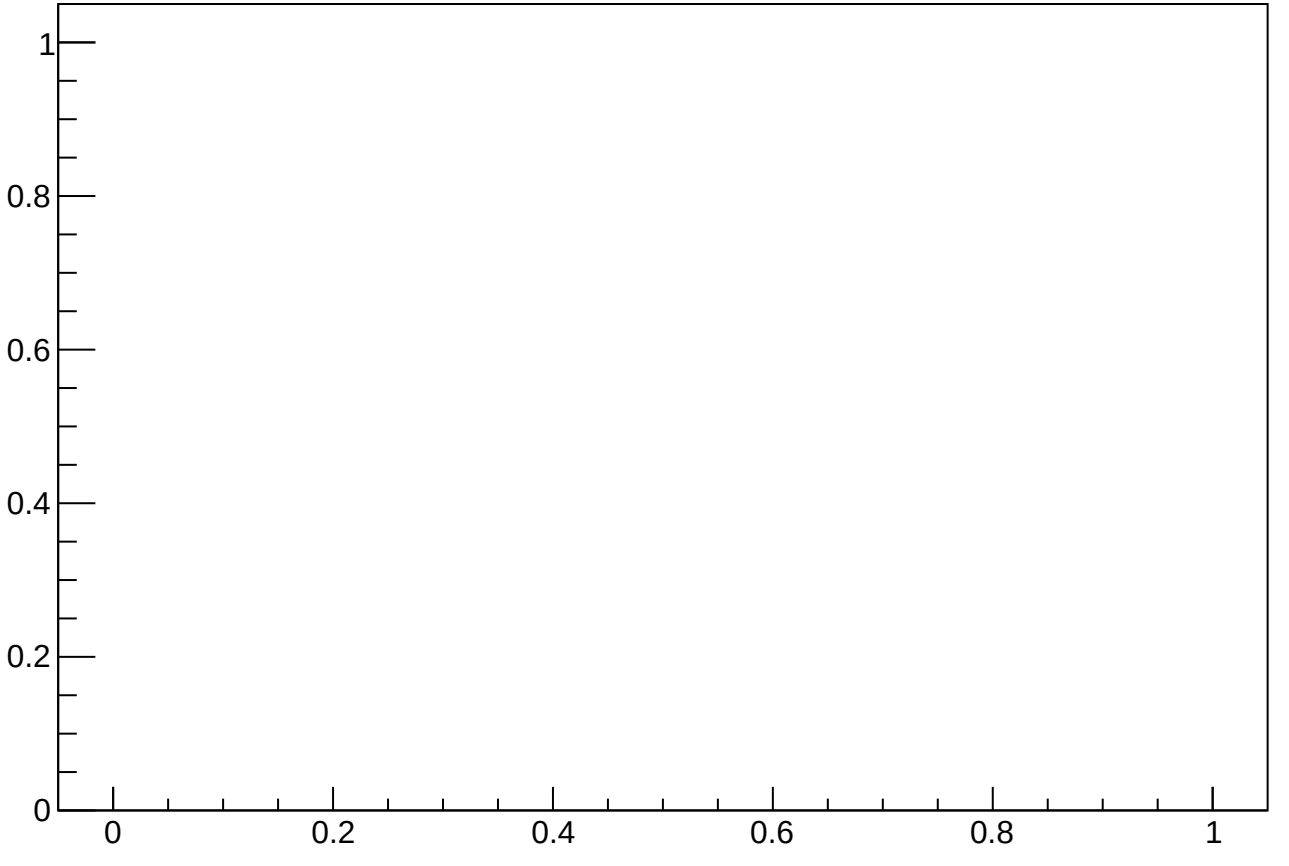
dit_sam1_coil6_mean vs Slug, Sign Corrected



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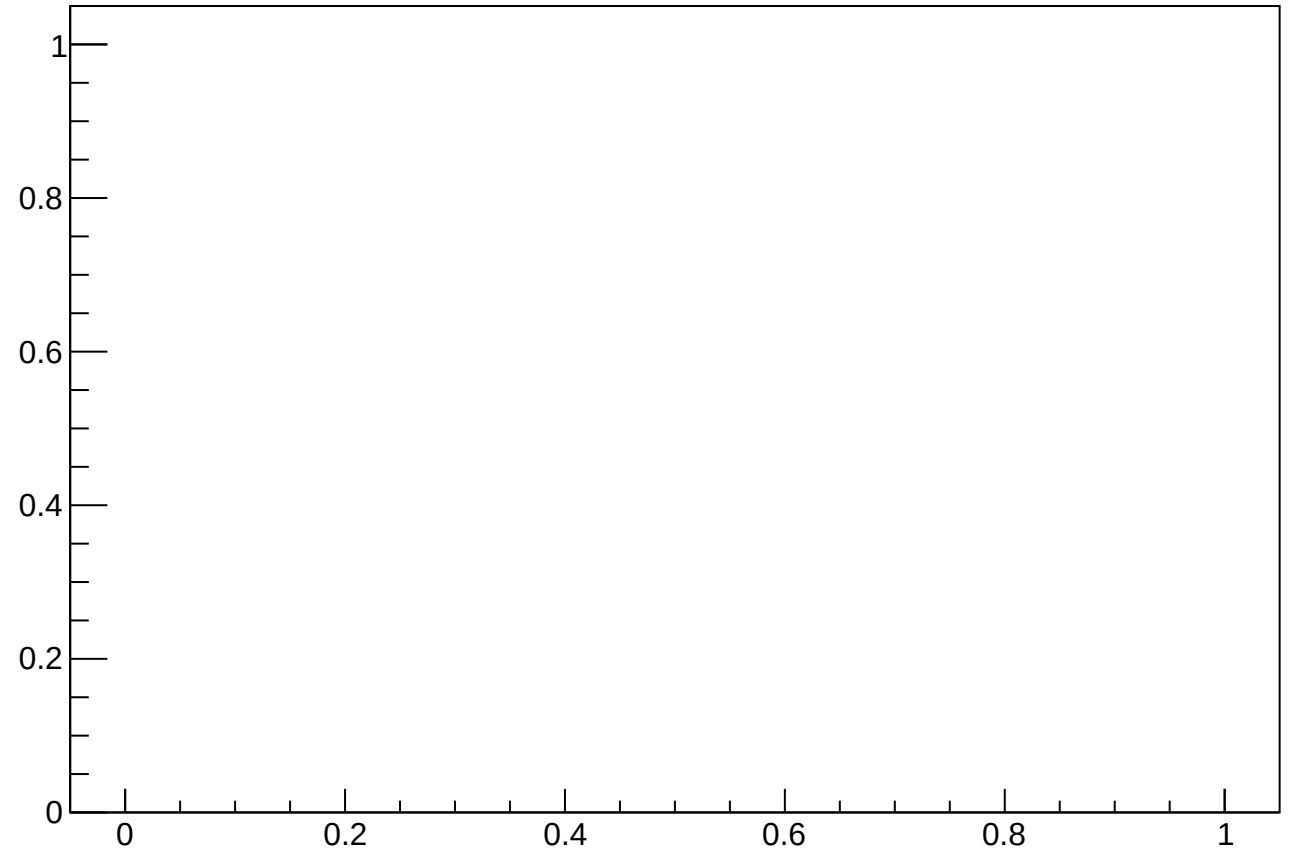

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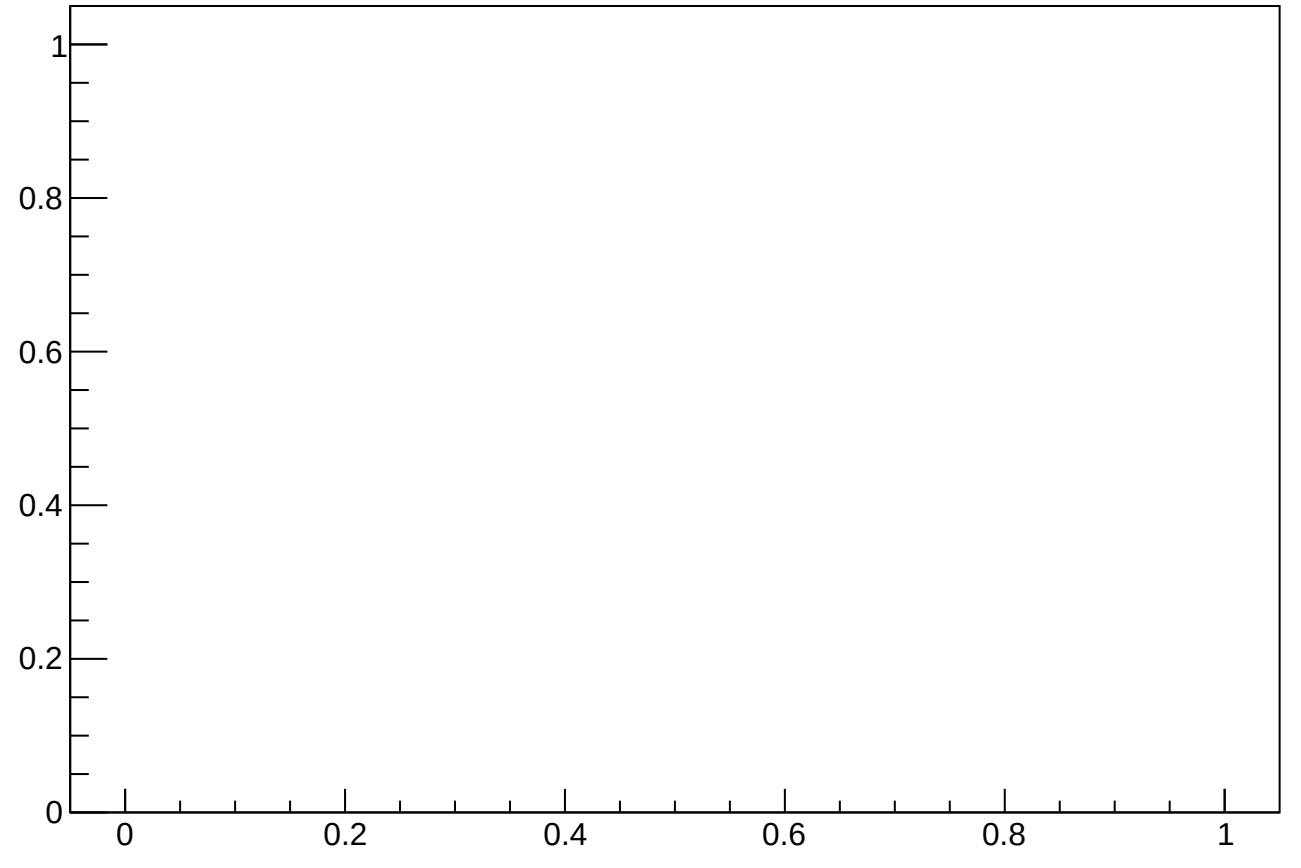

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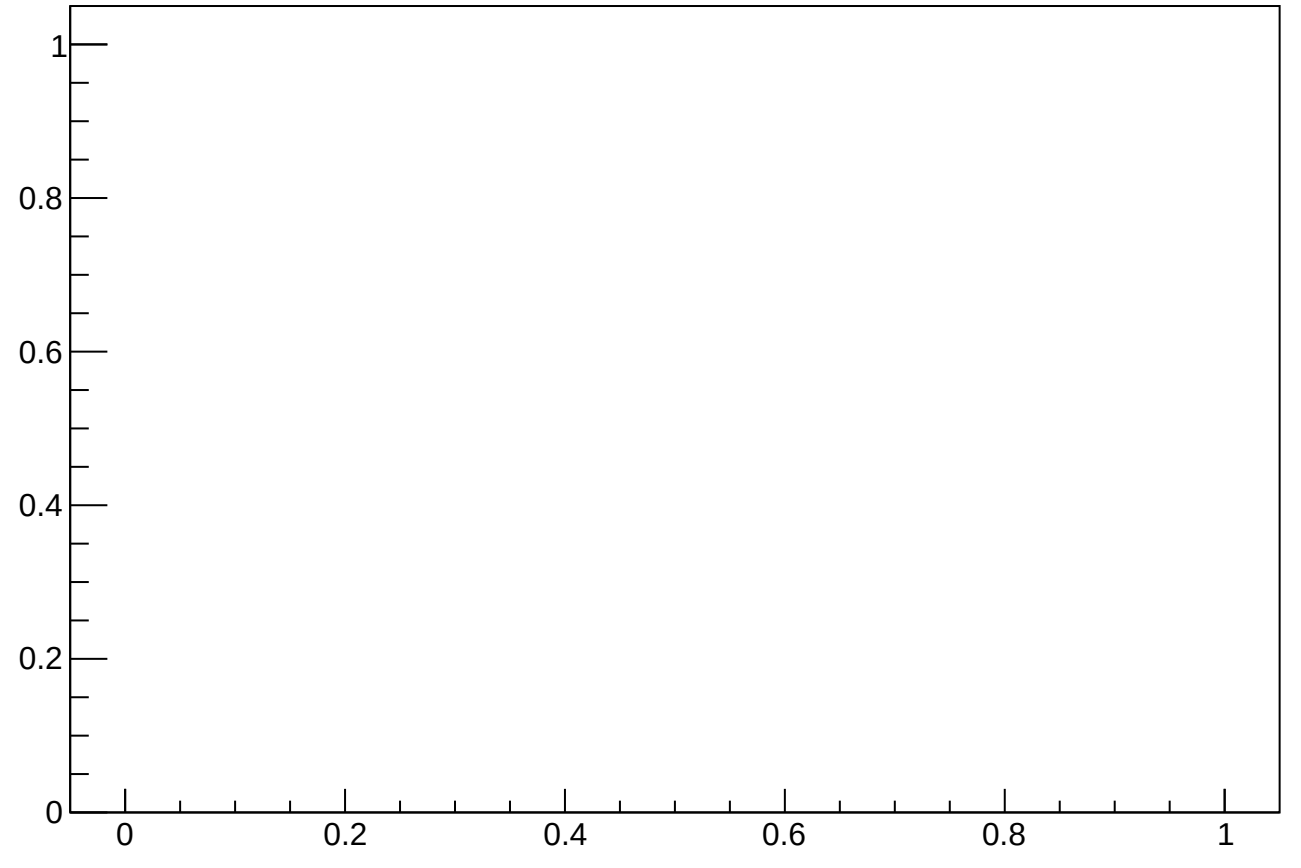

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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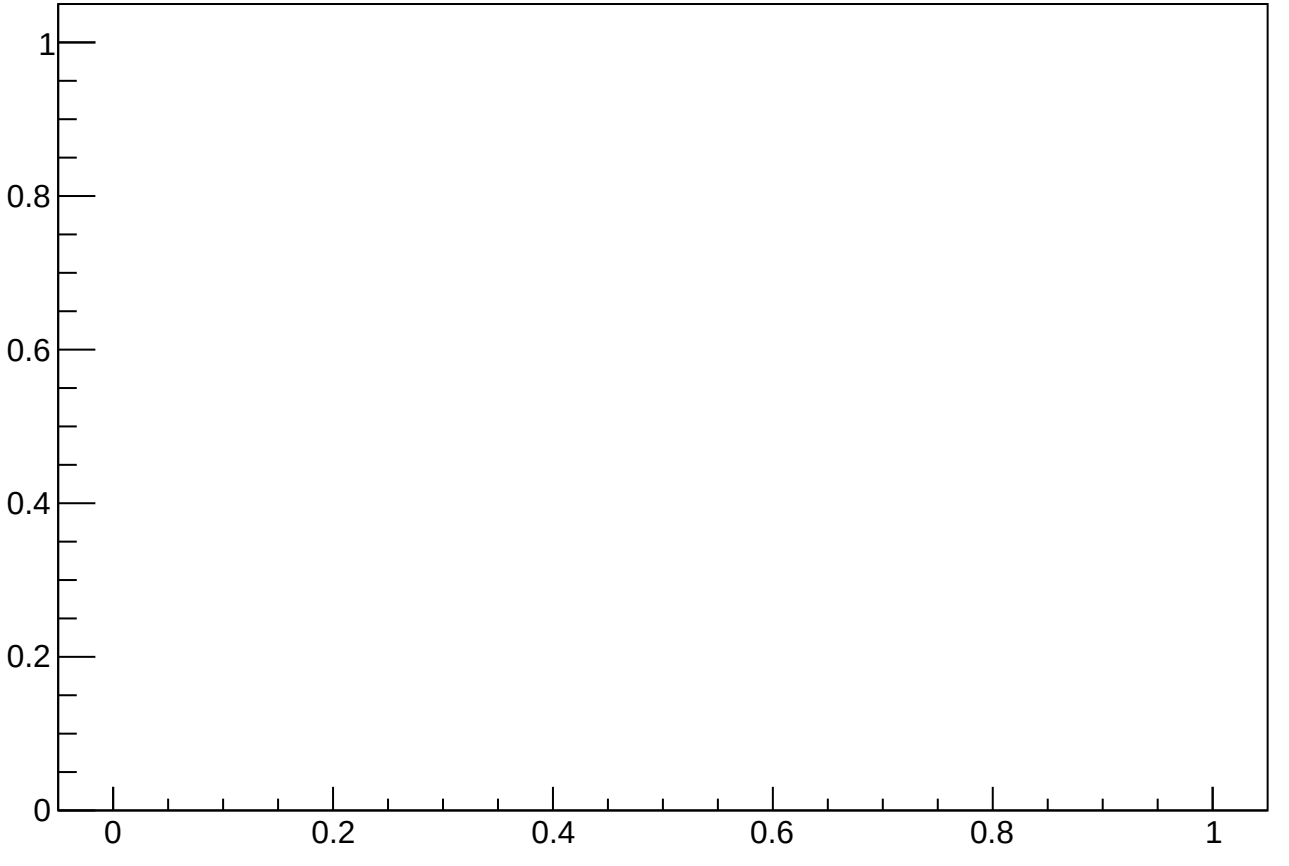
dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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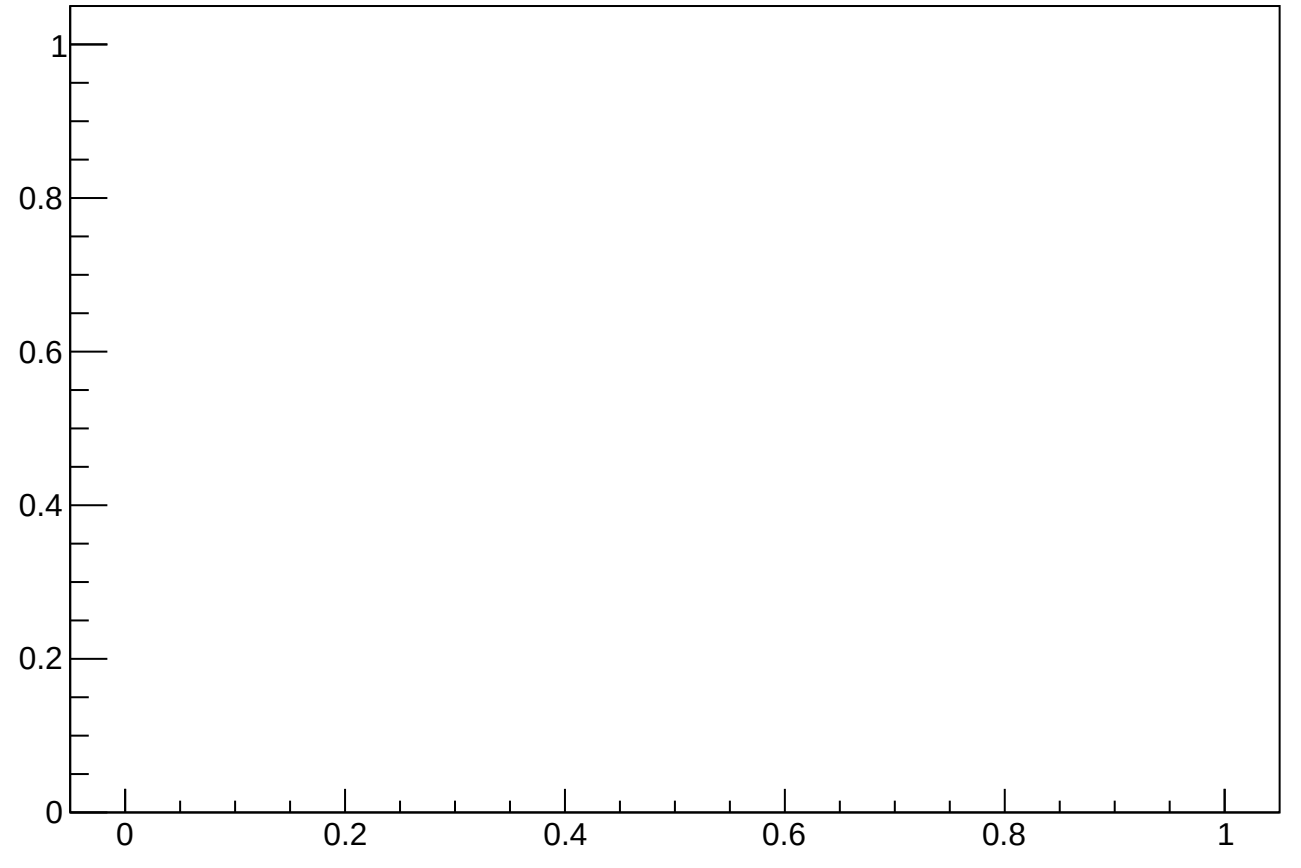

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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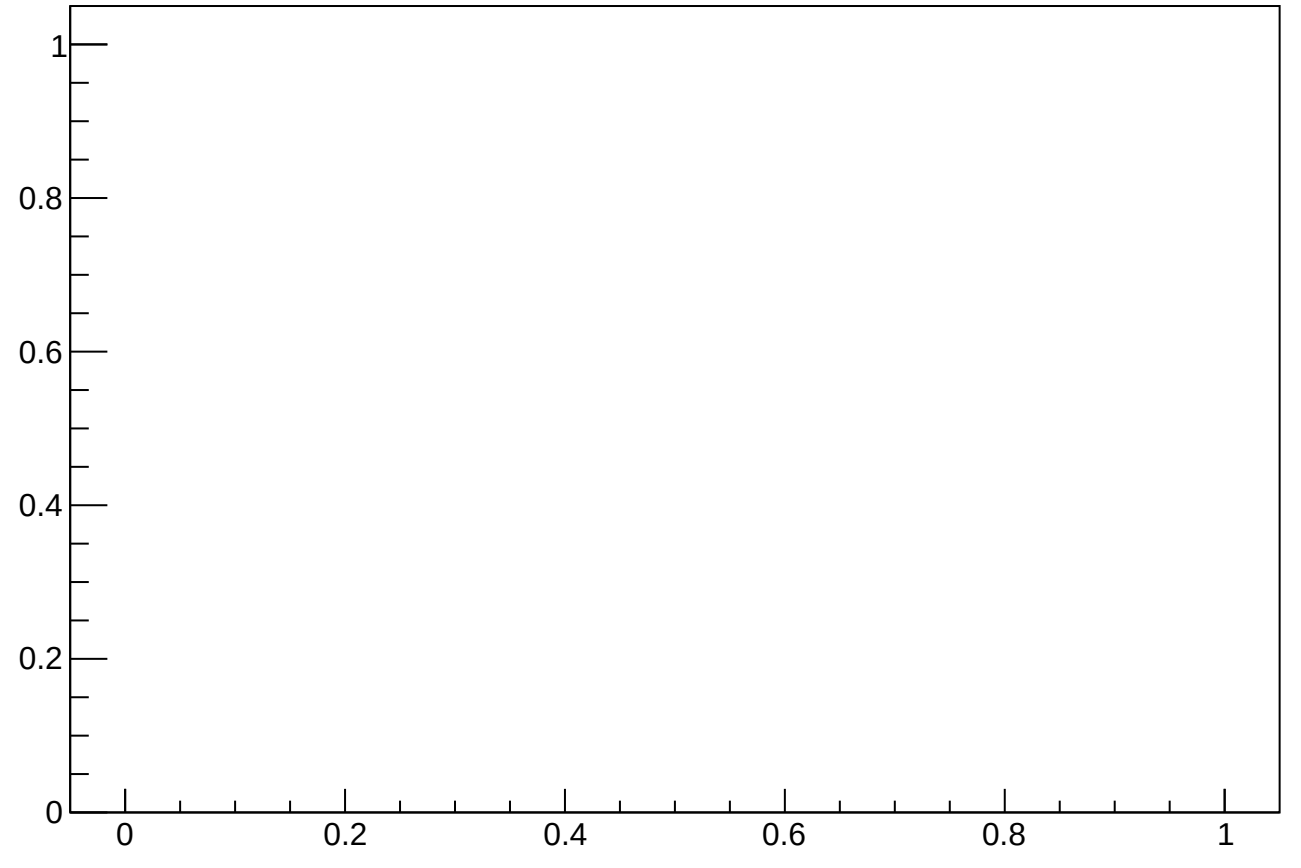

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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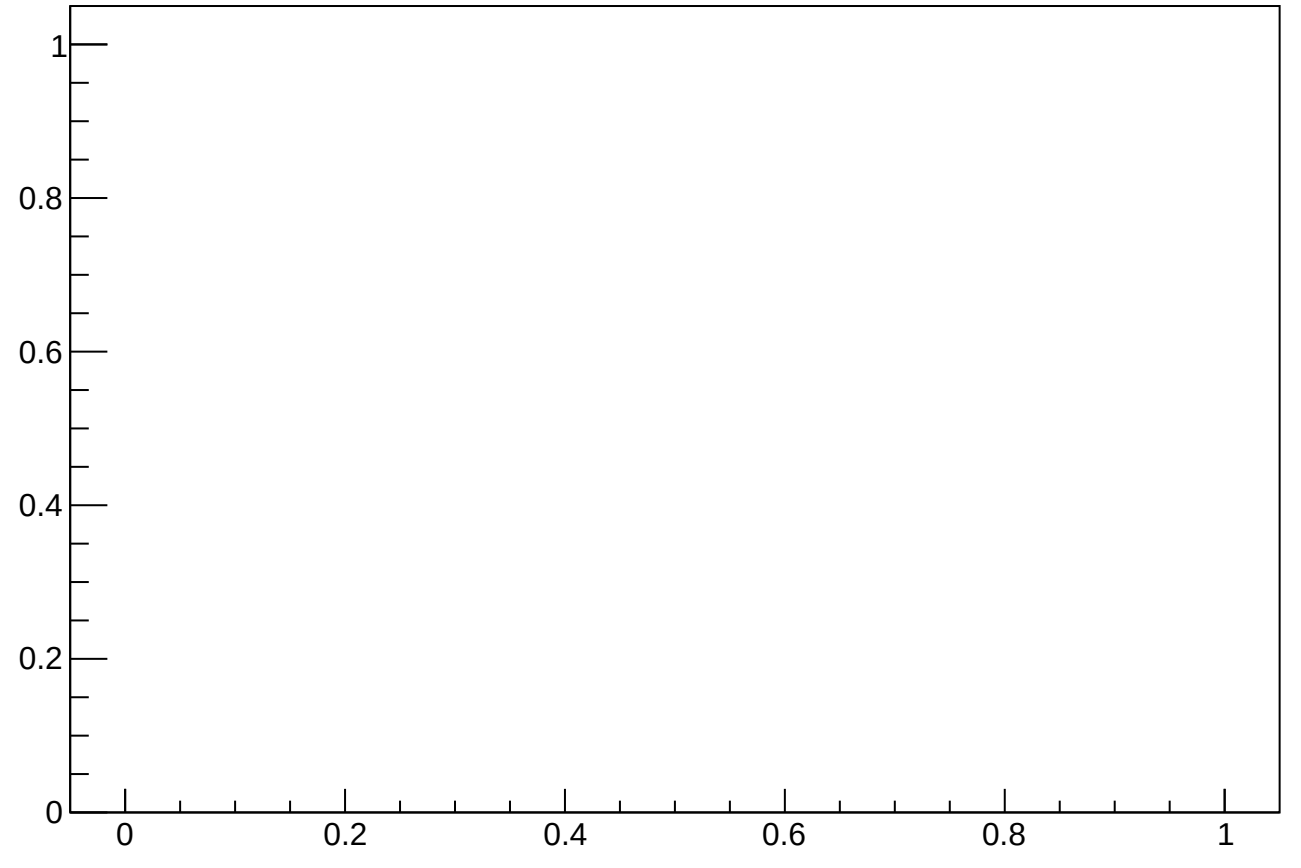

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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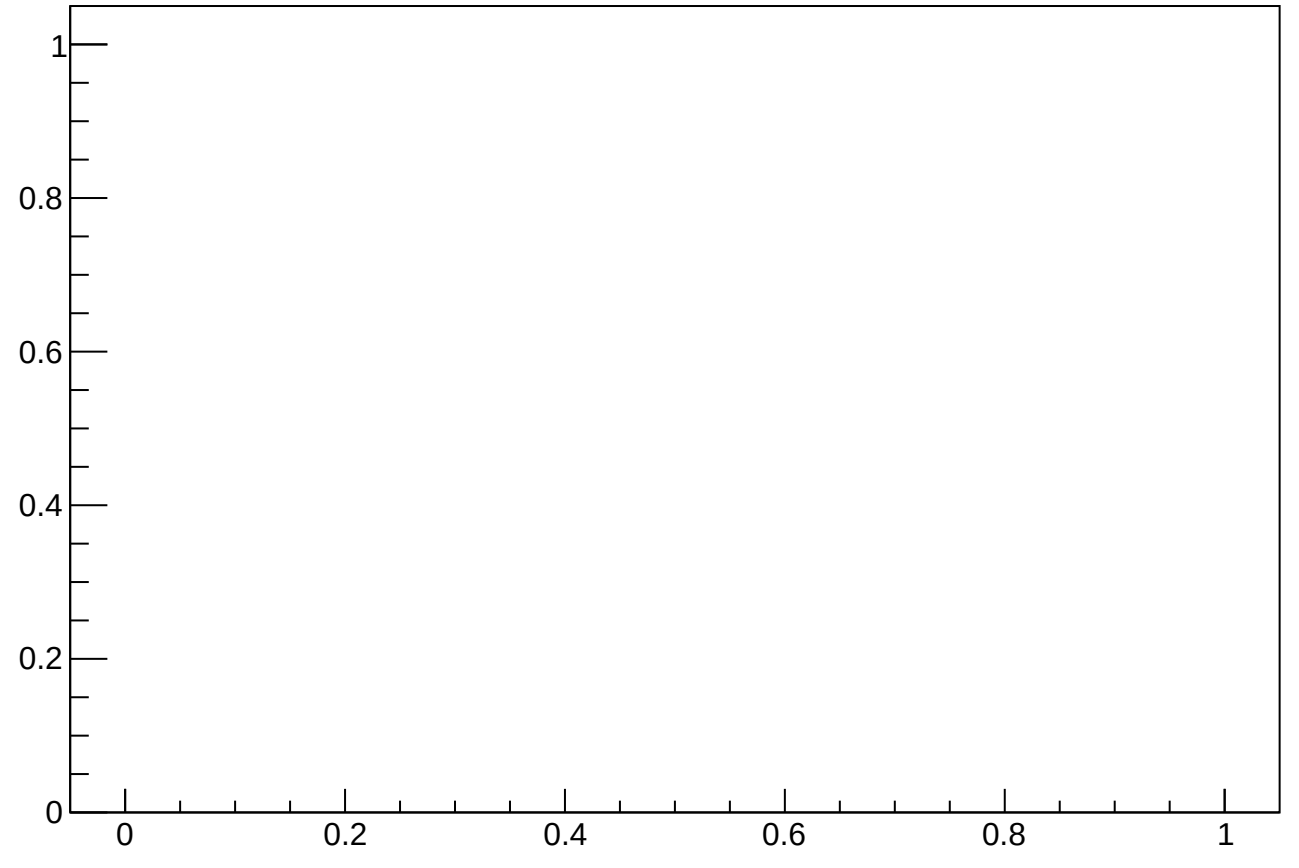

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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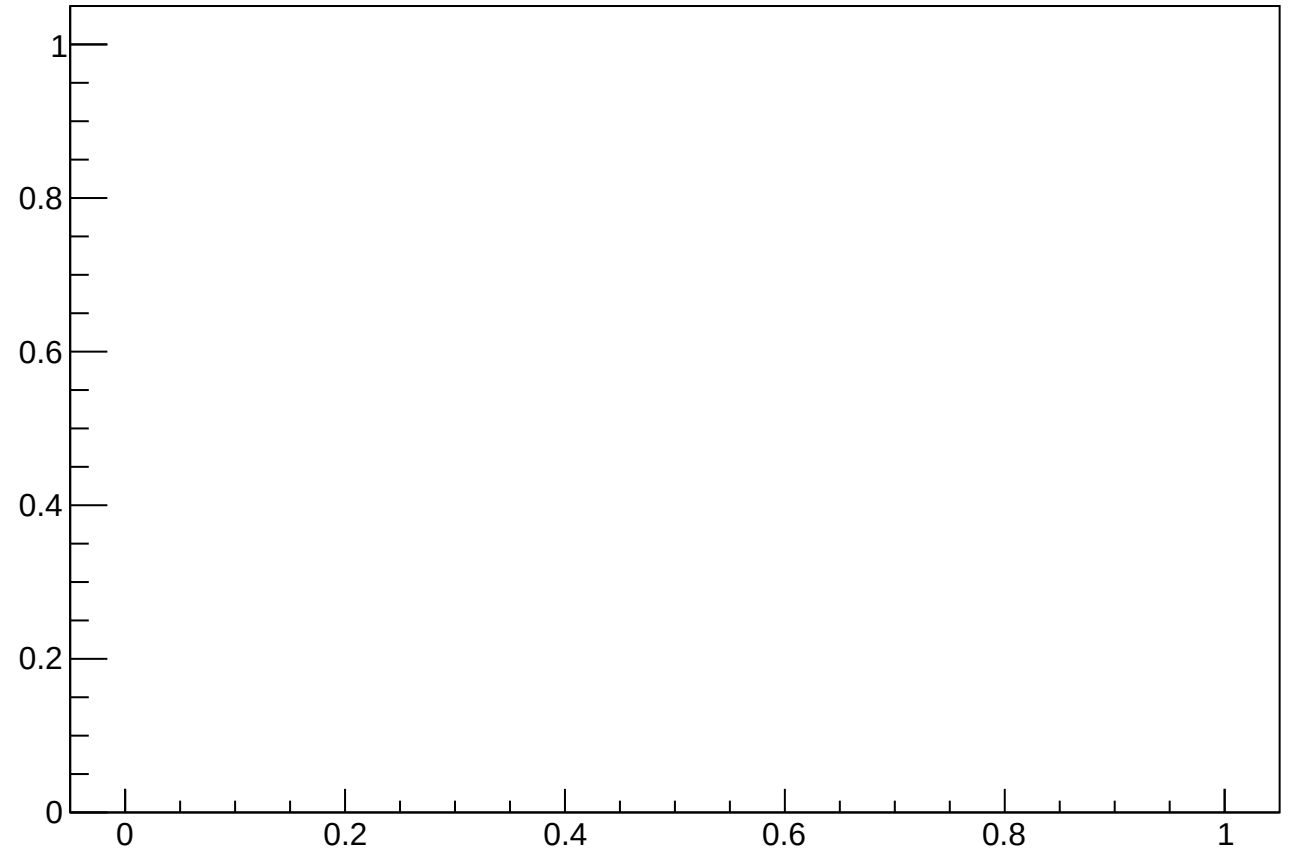

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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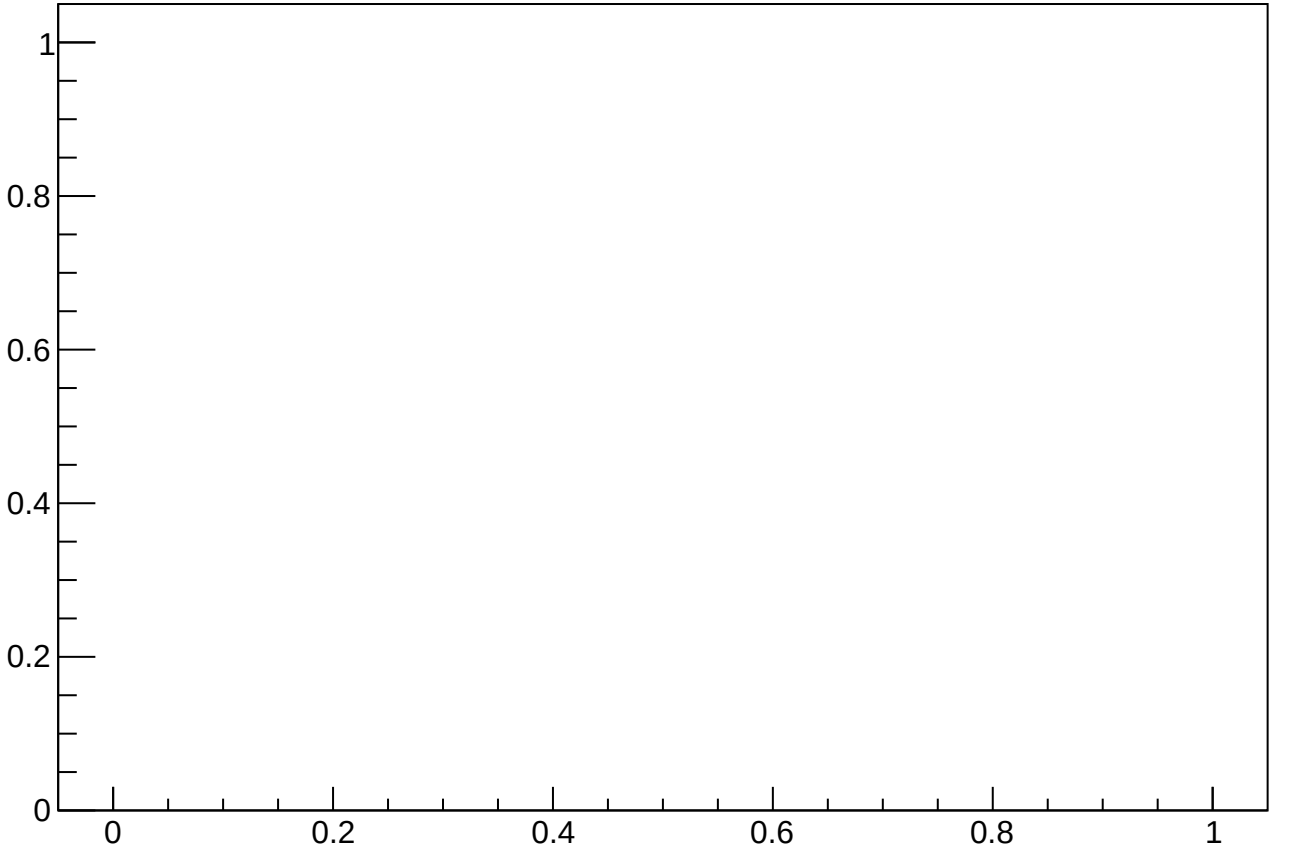
dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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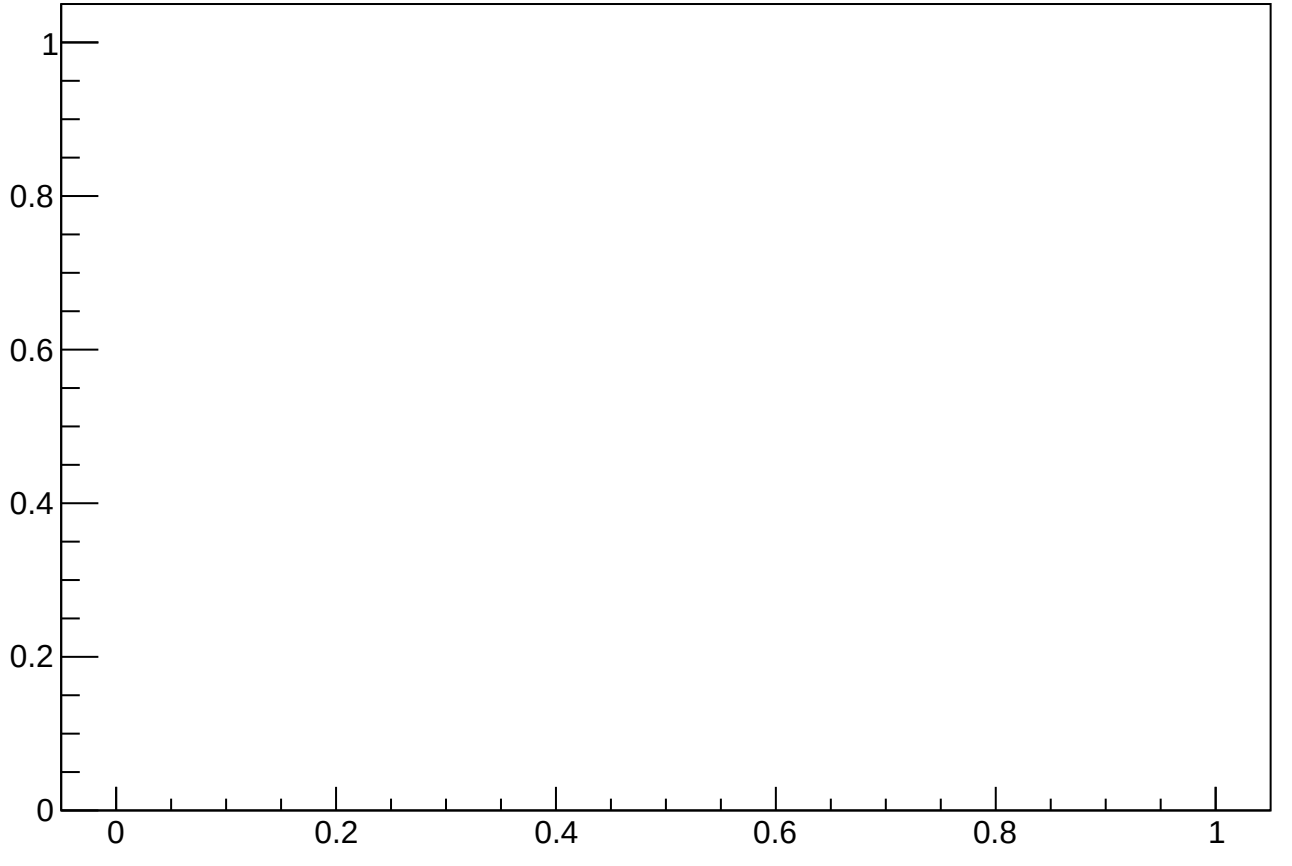
dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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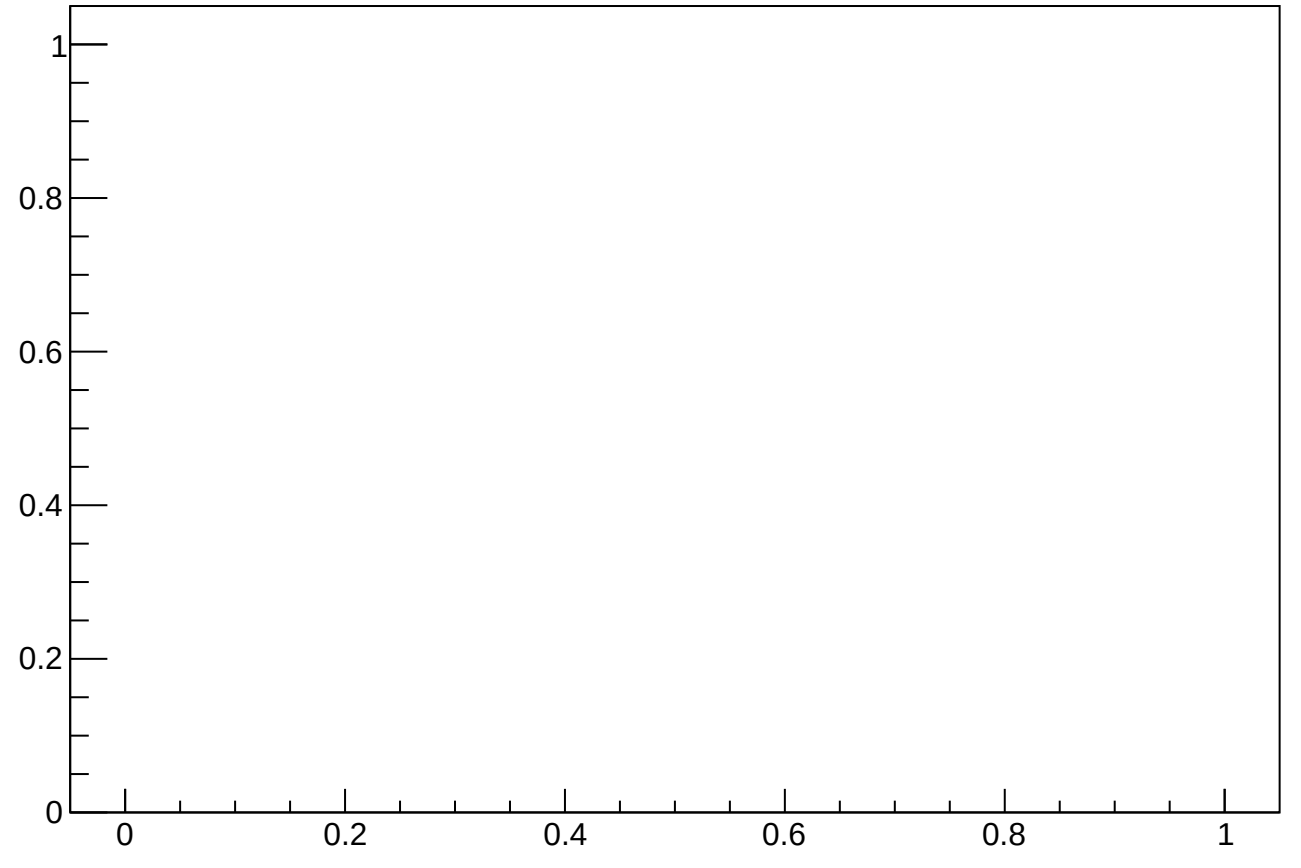

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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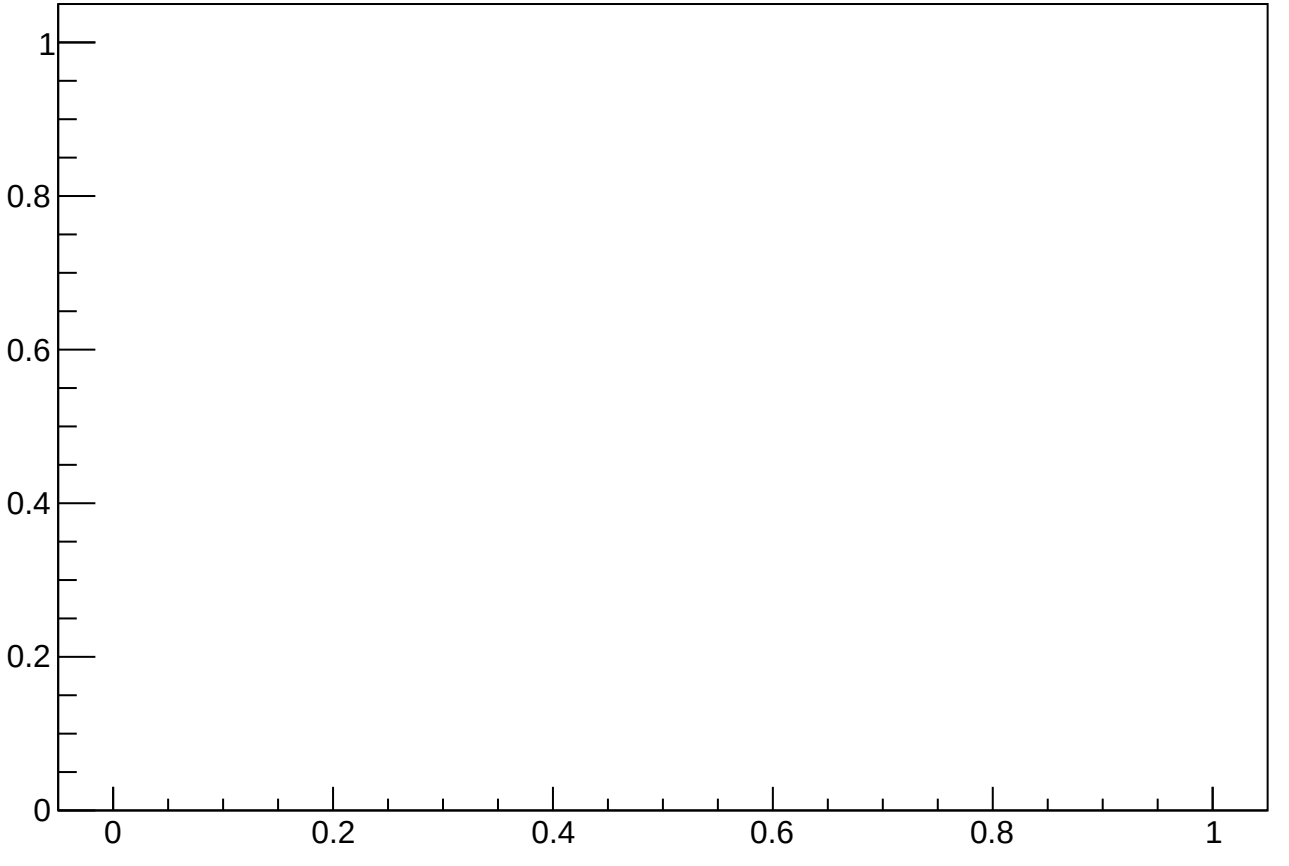
dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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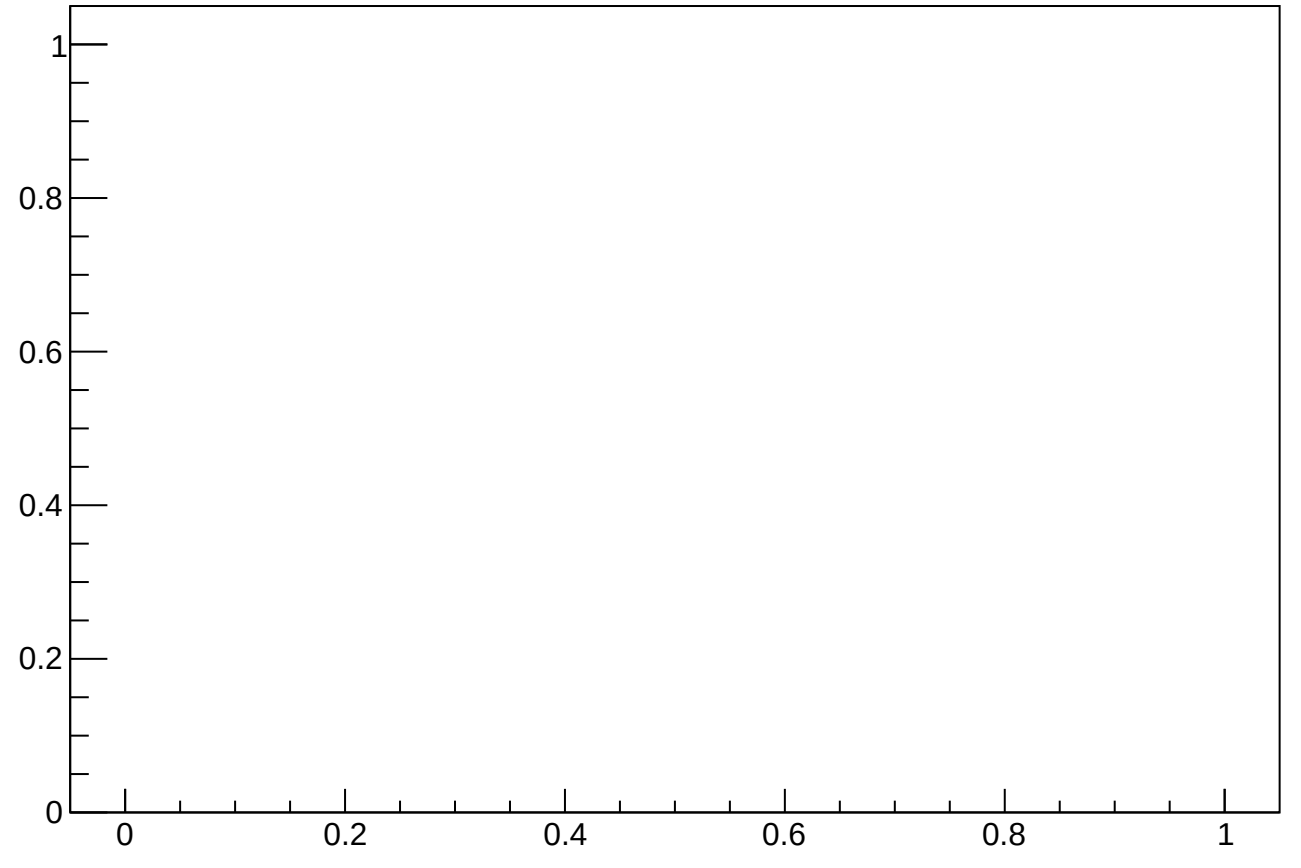

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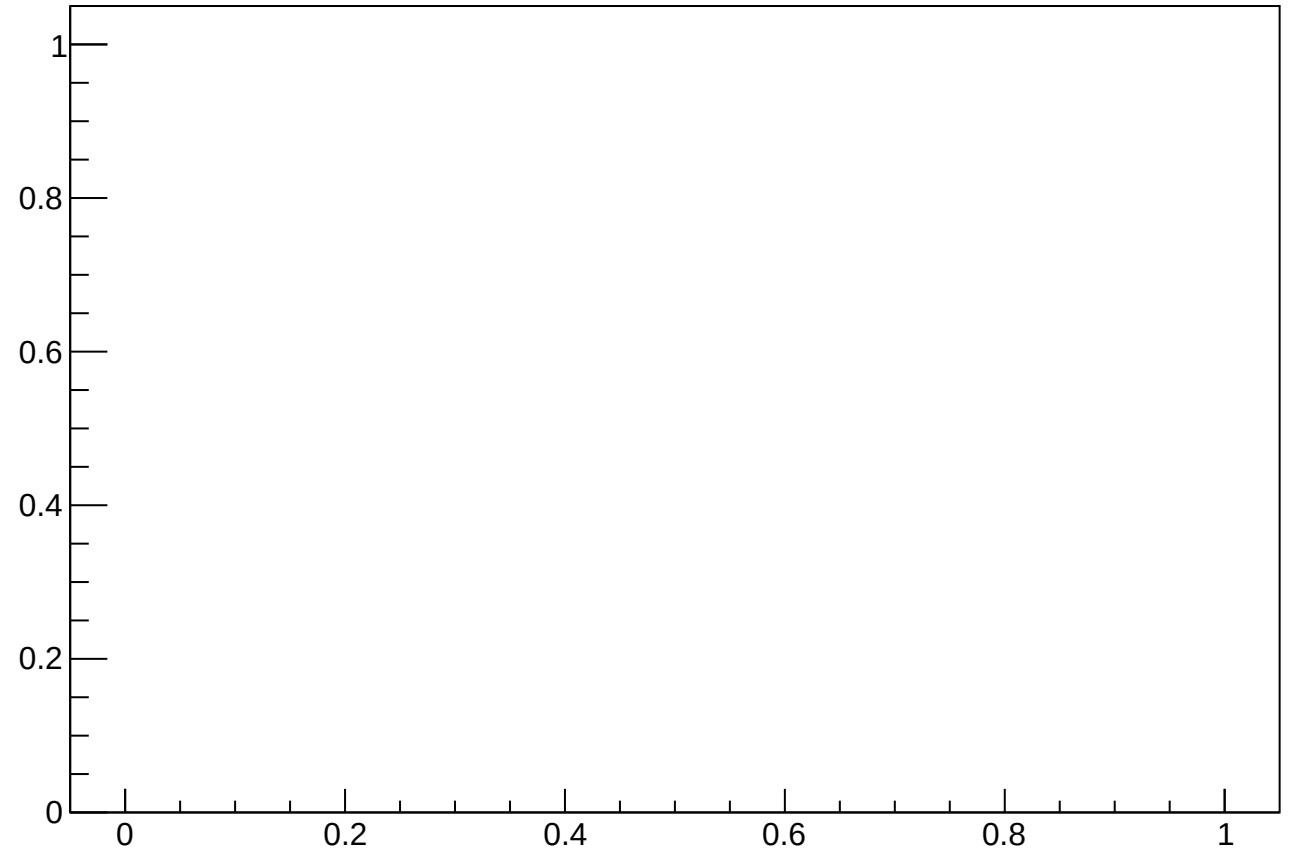

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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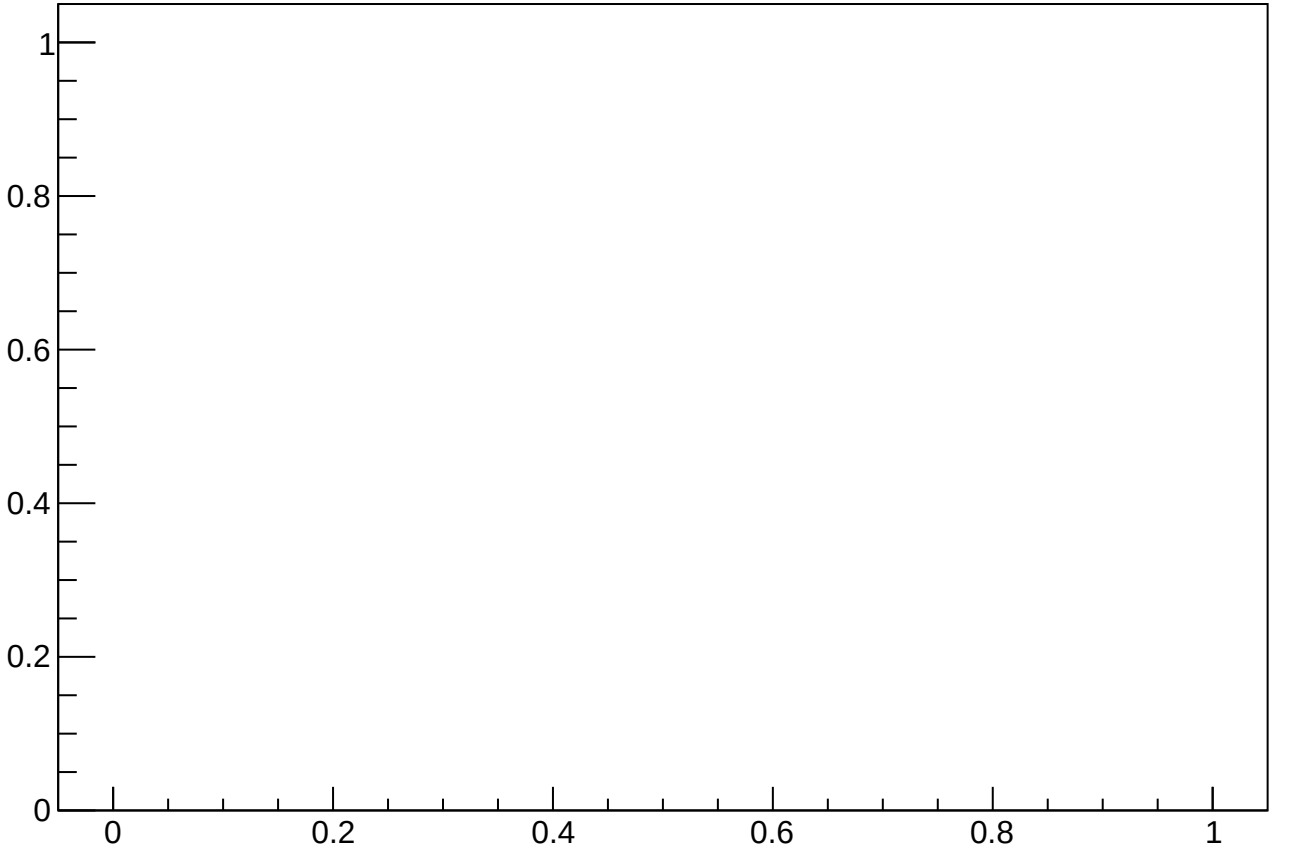
dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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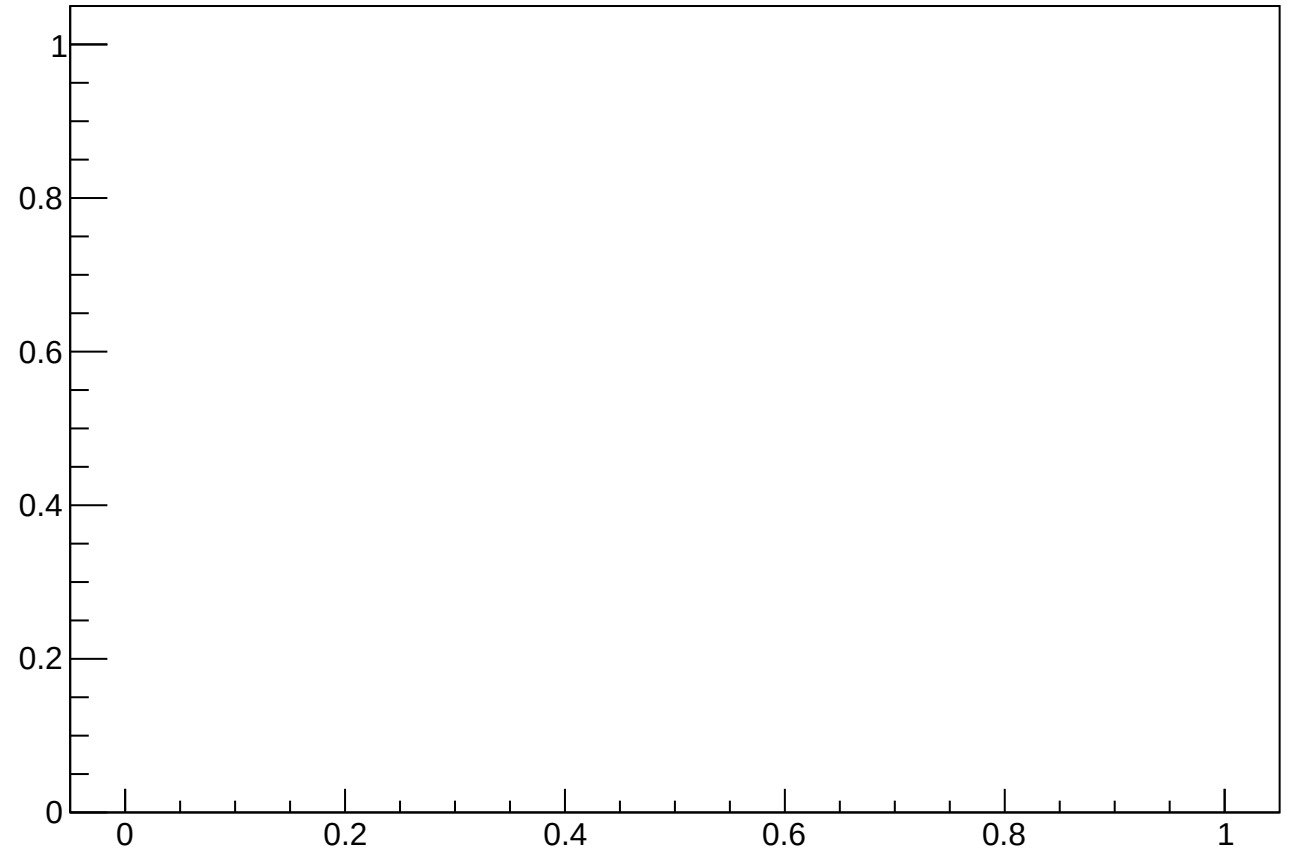

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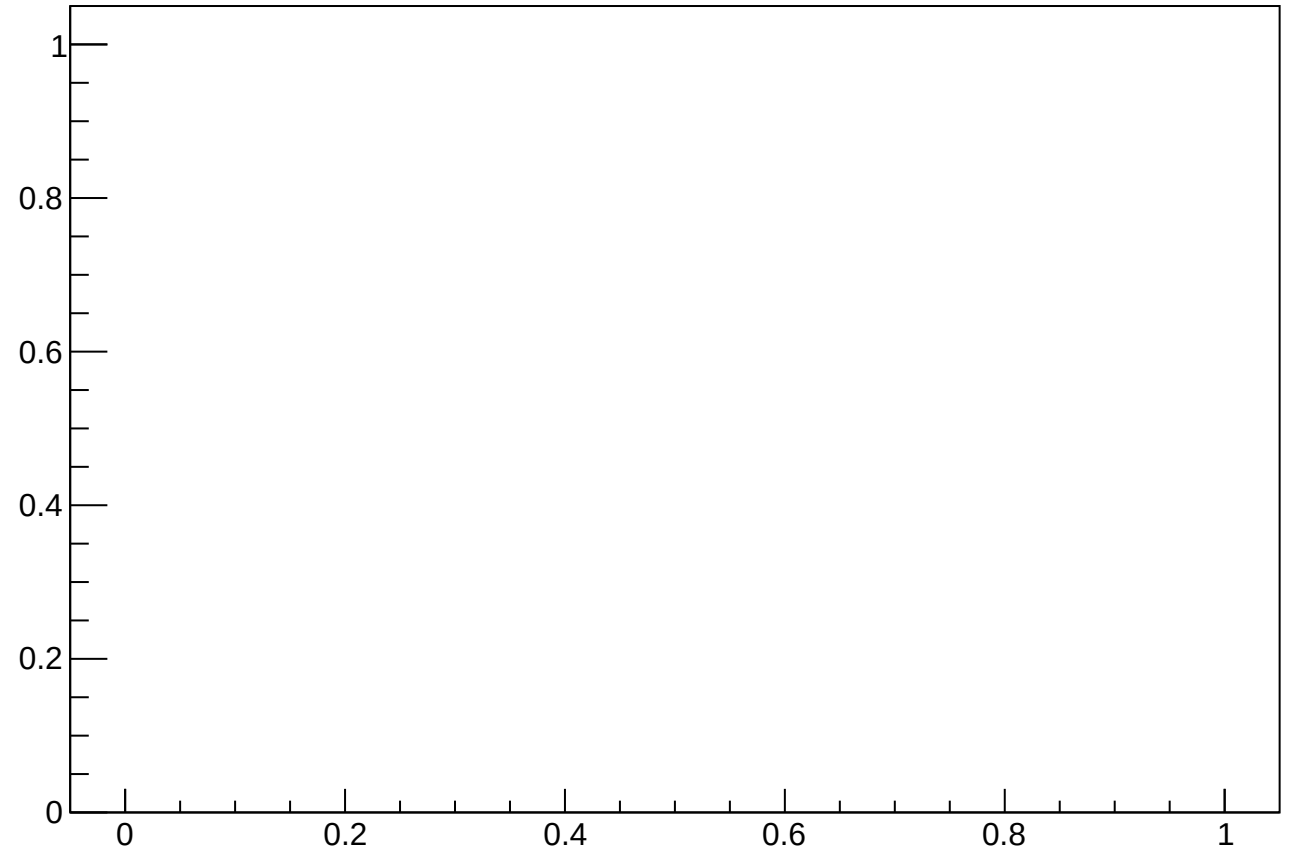

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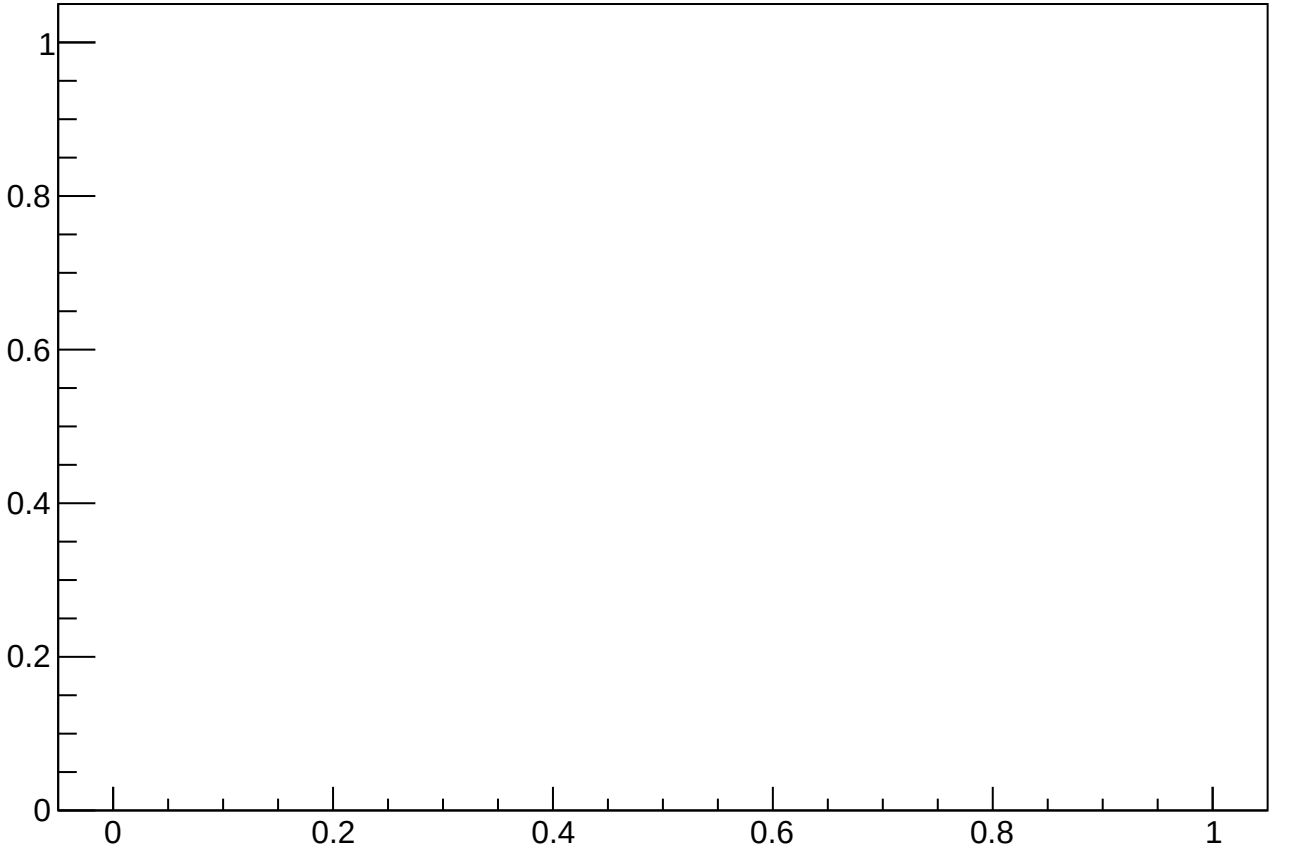
dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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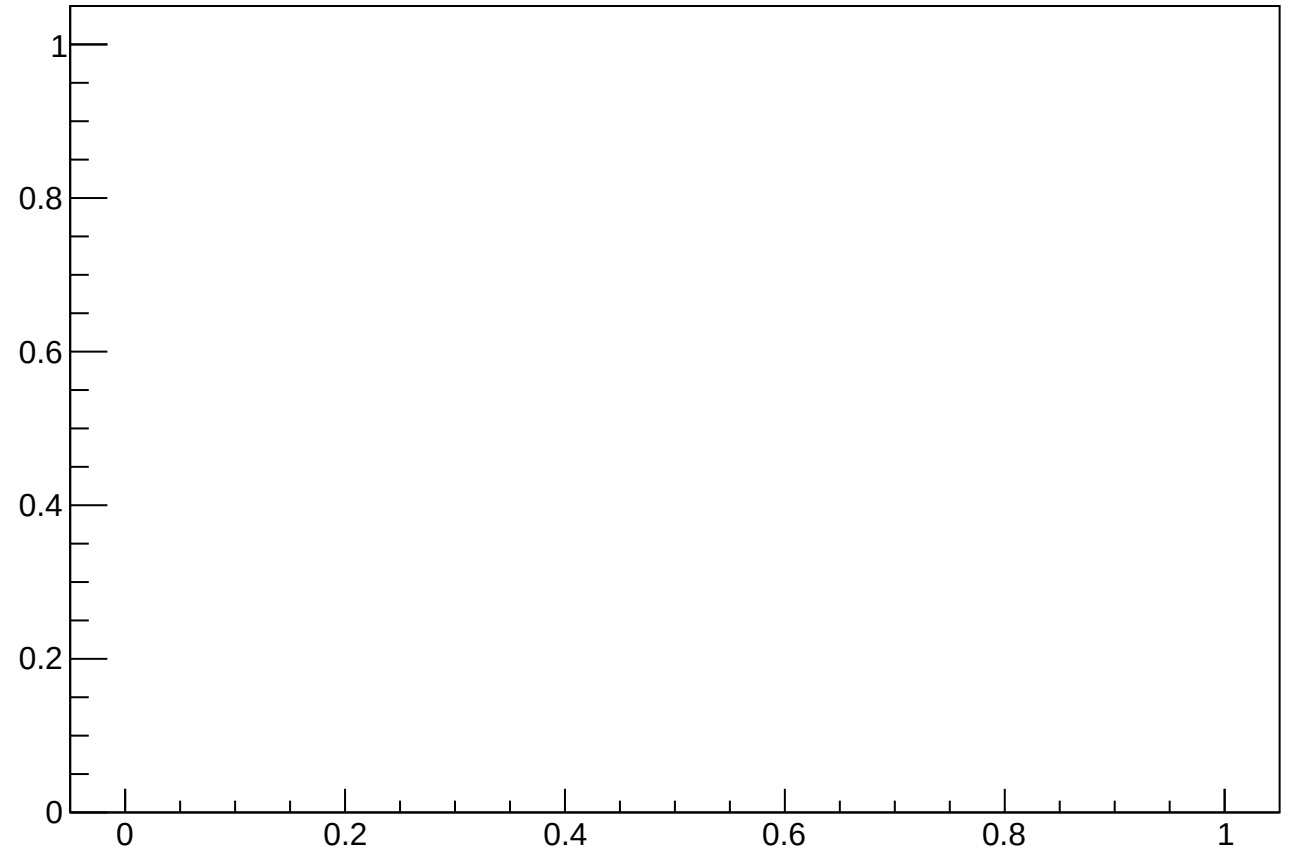

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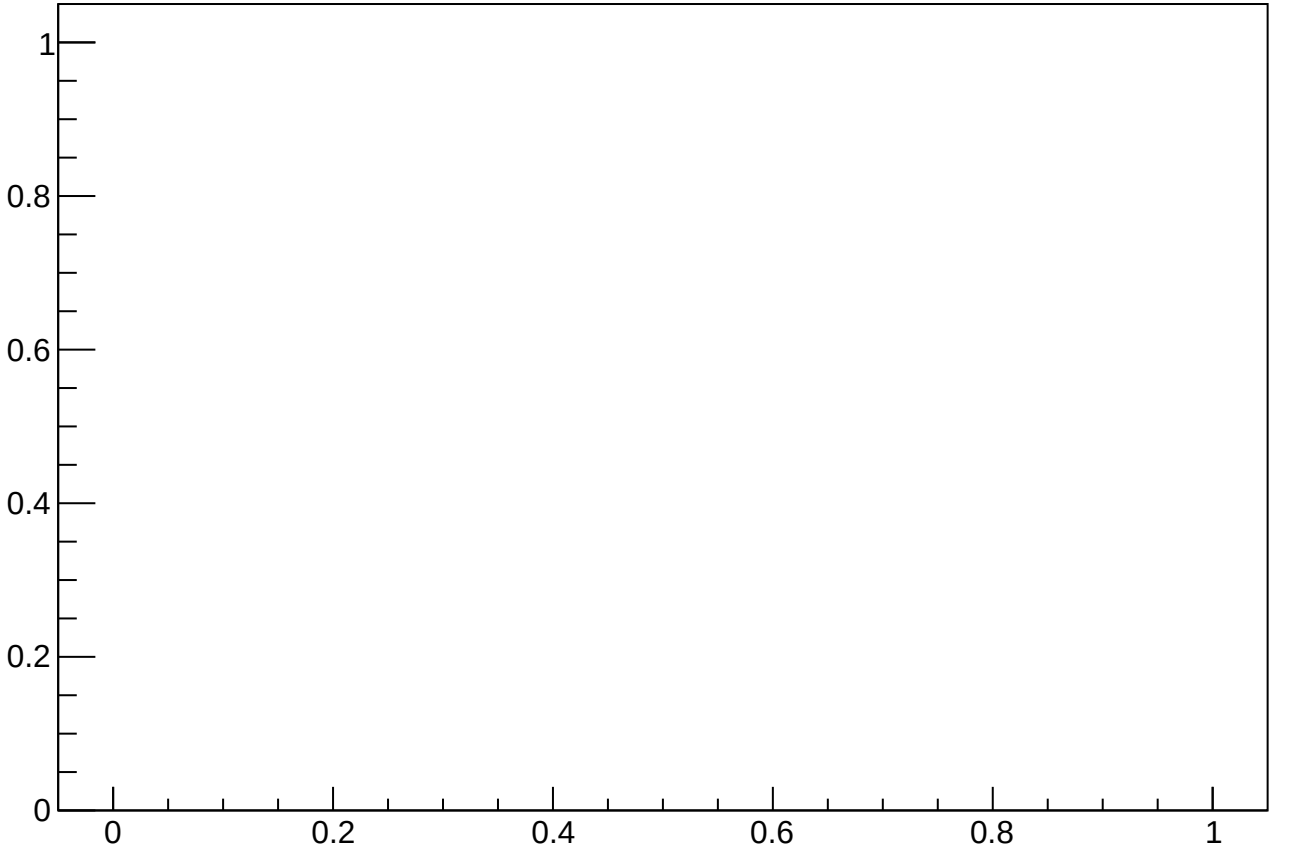
dit_sam8_coil6_mean vs Slug, Sign Corrected



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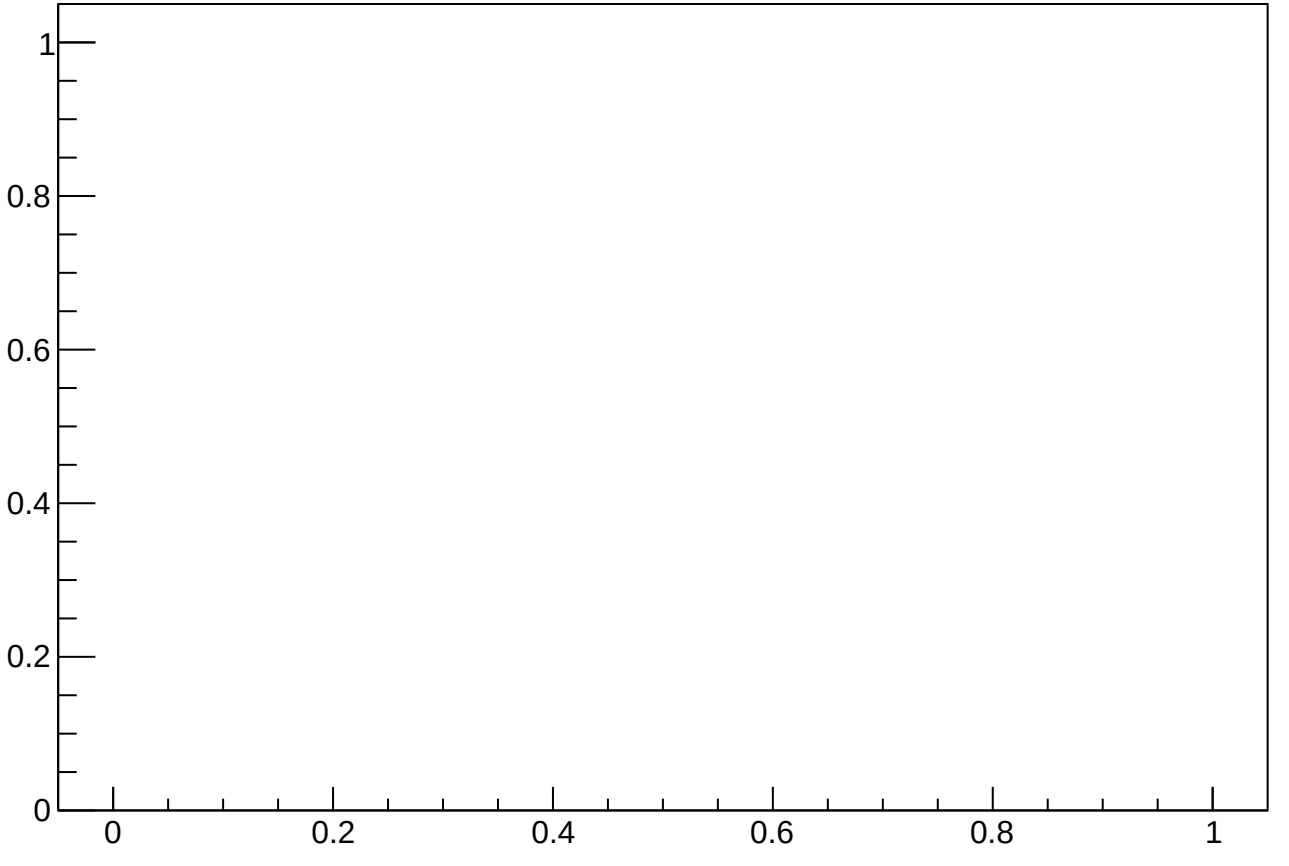
dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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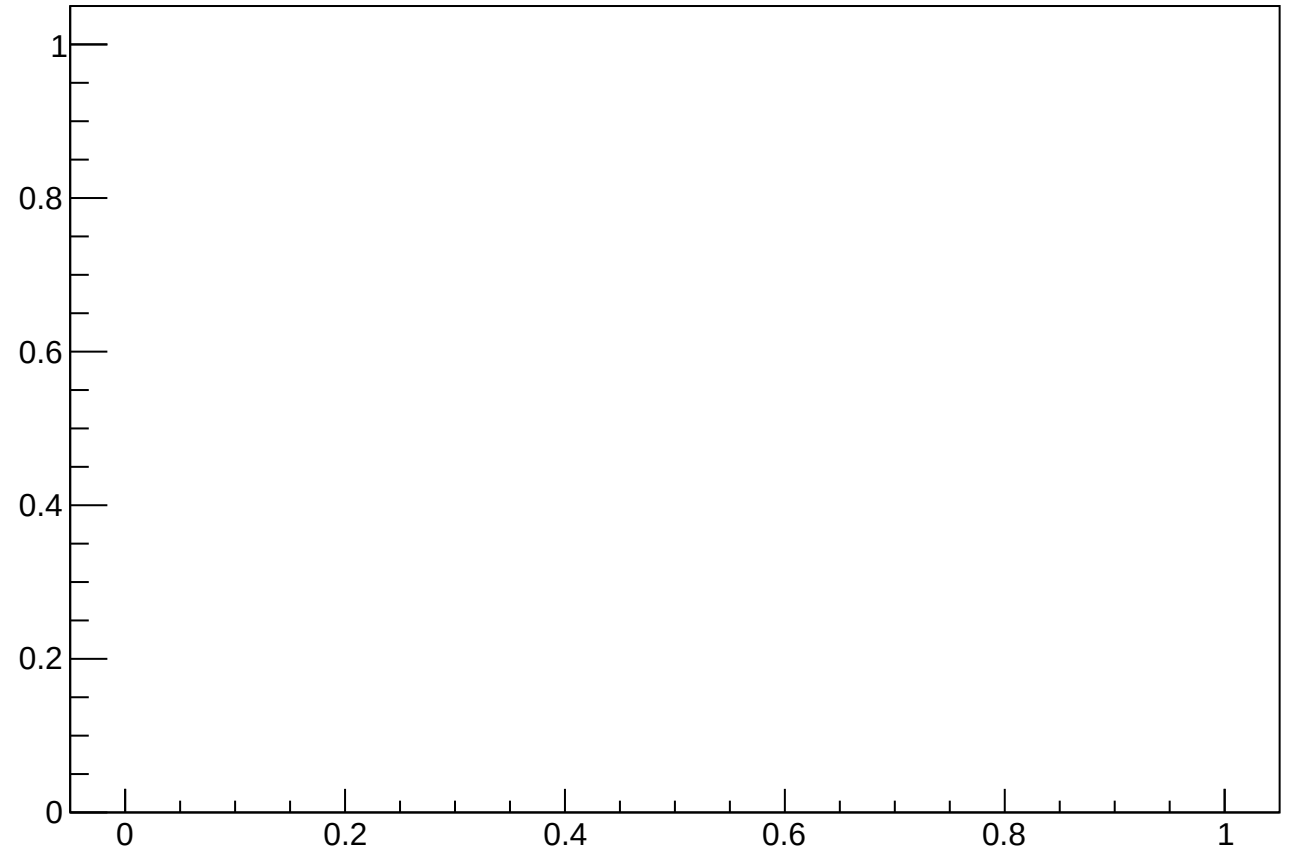

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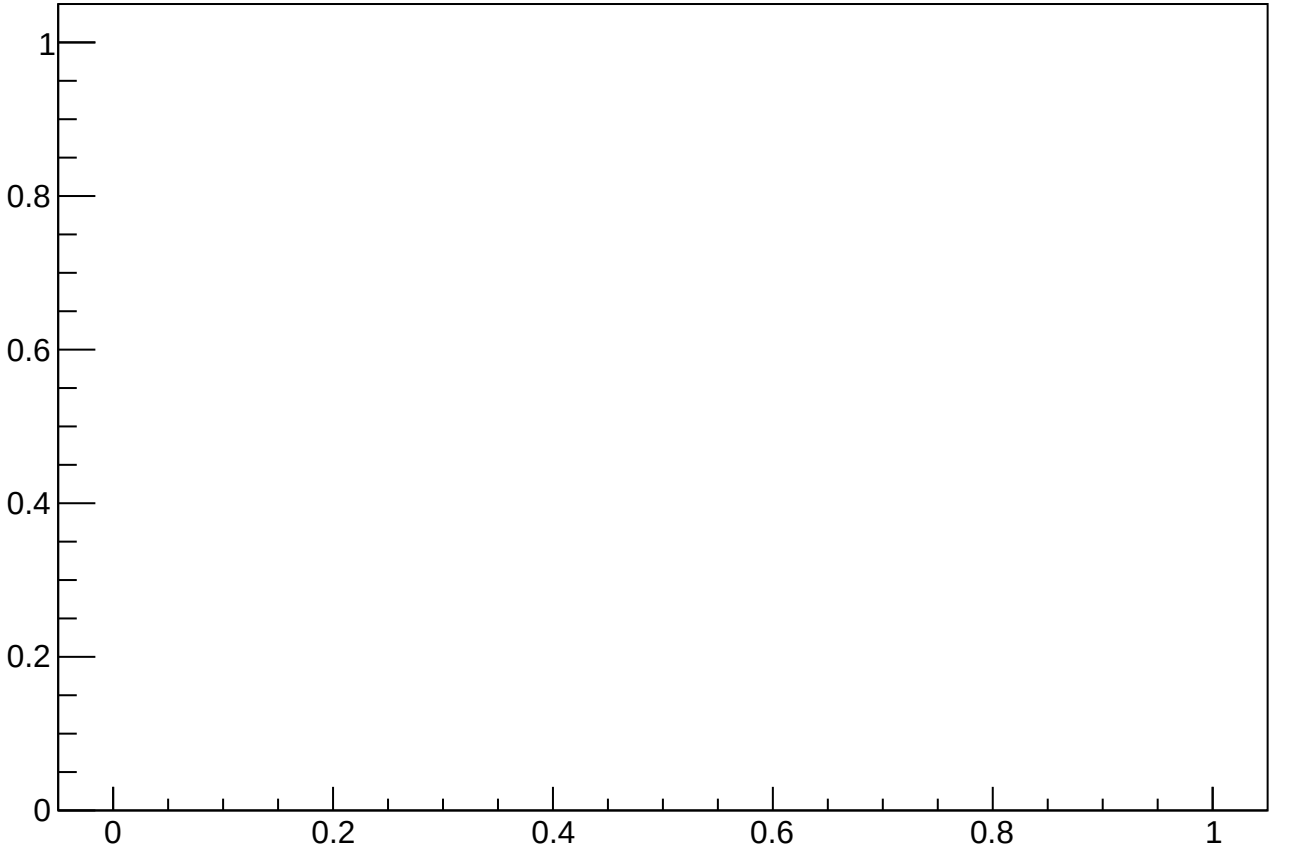
dit_run_mean vs Slug, Sign Corrected



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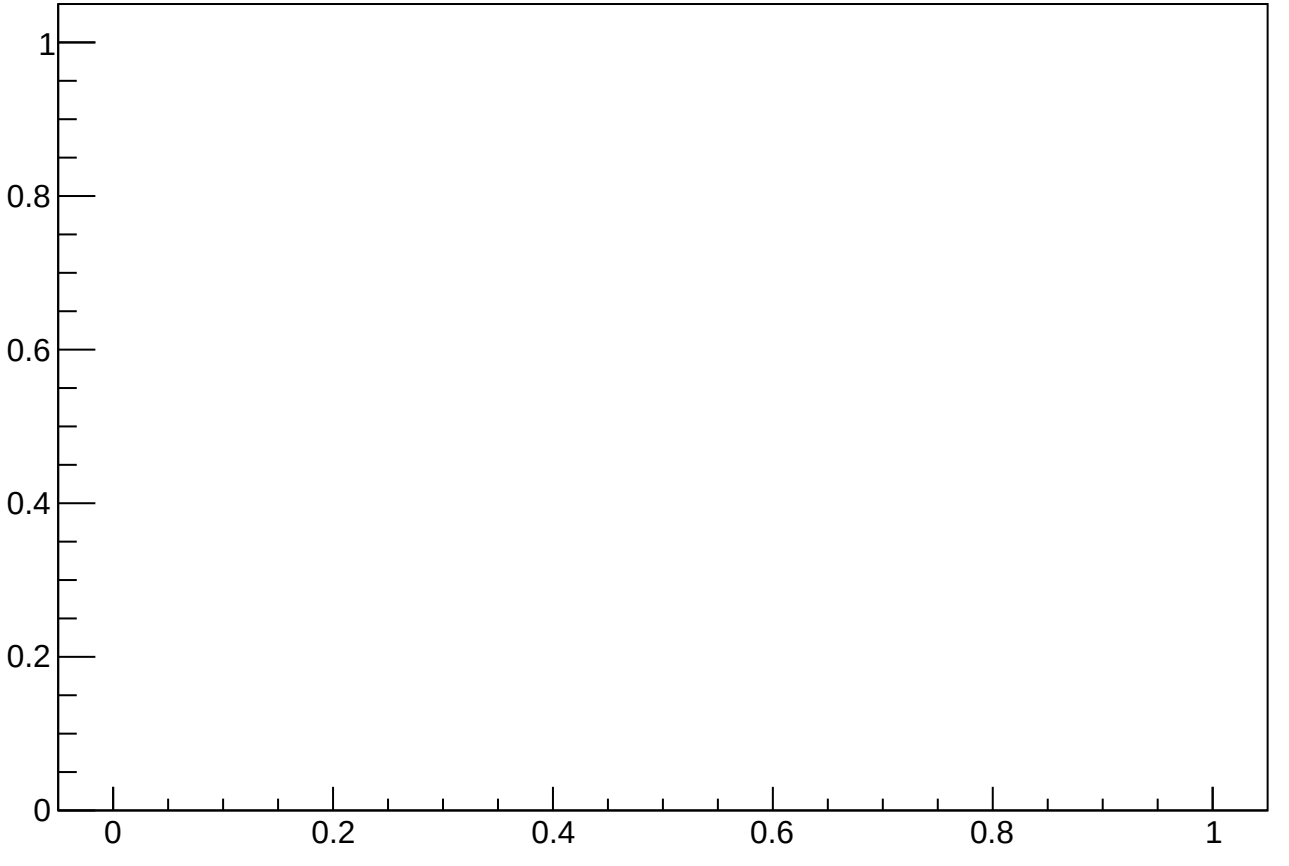
dit_run_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

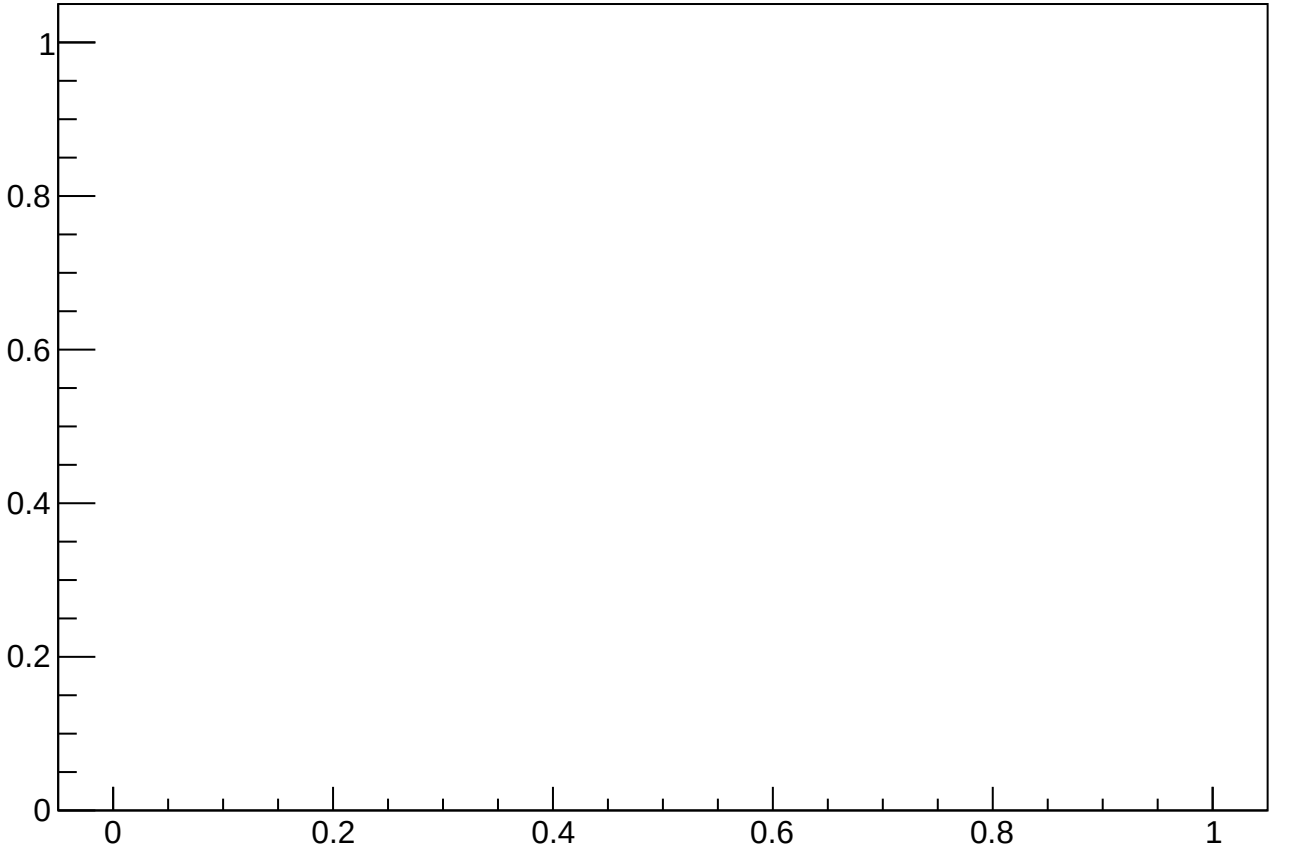
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_slug_slope vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

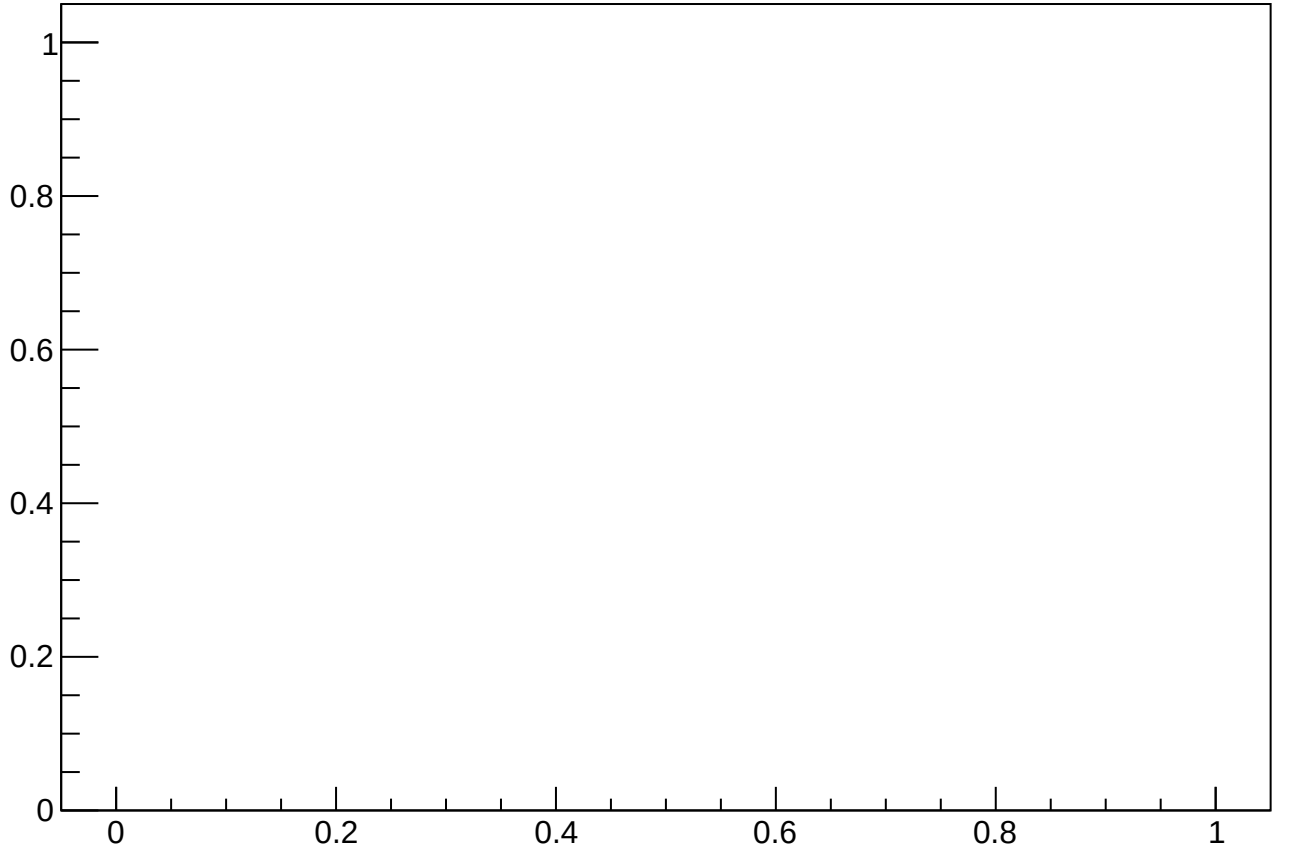
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

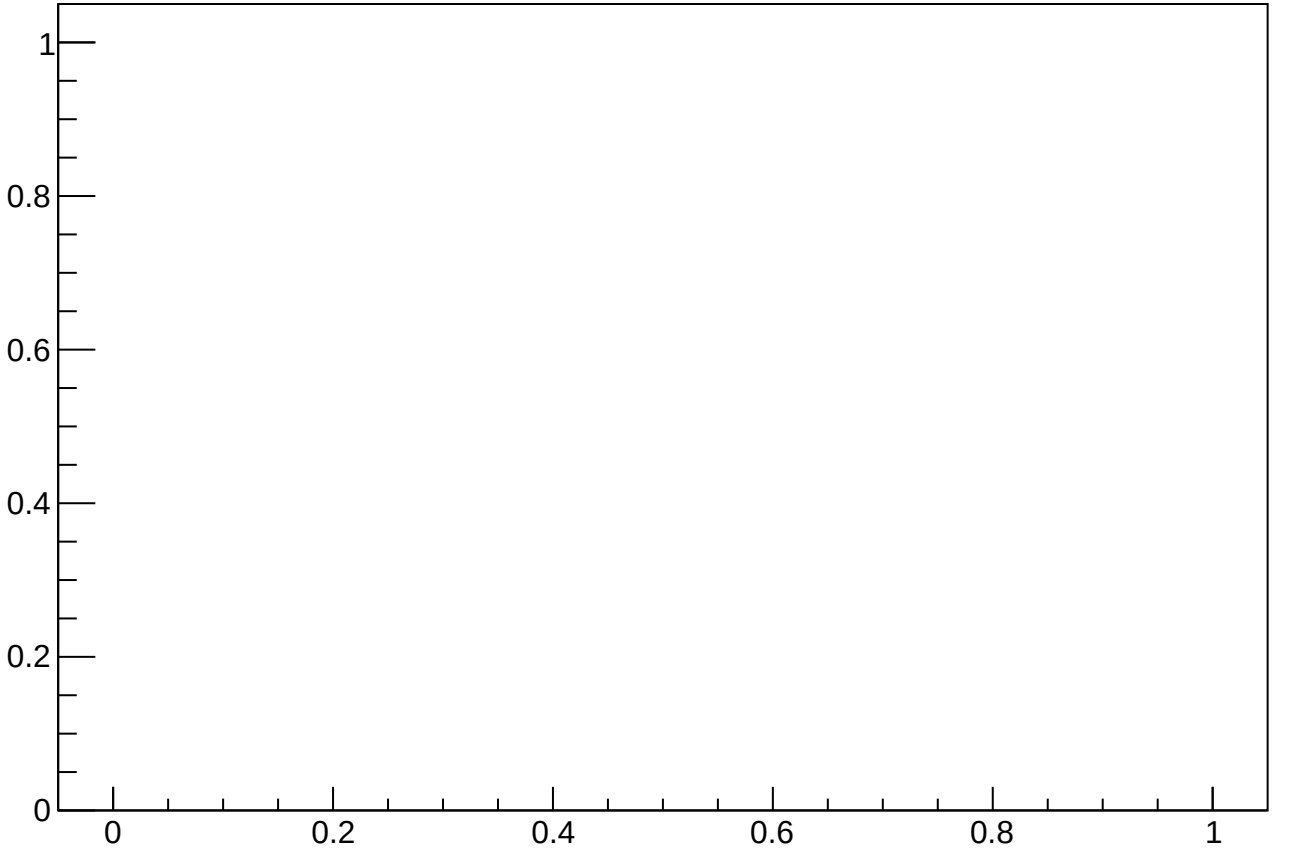
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

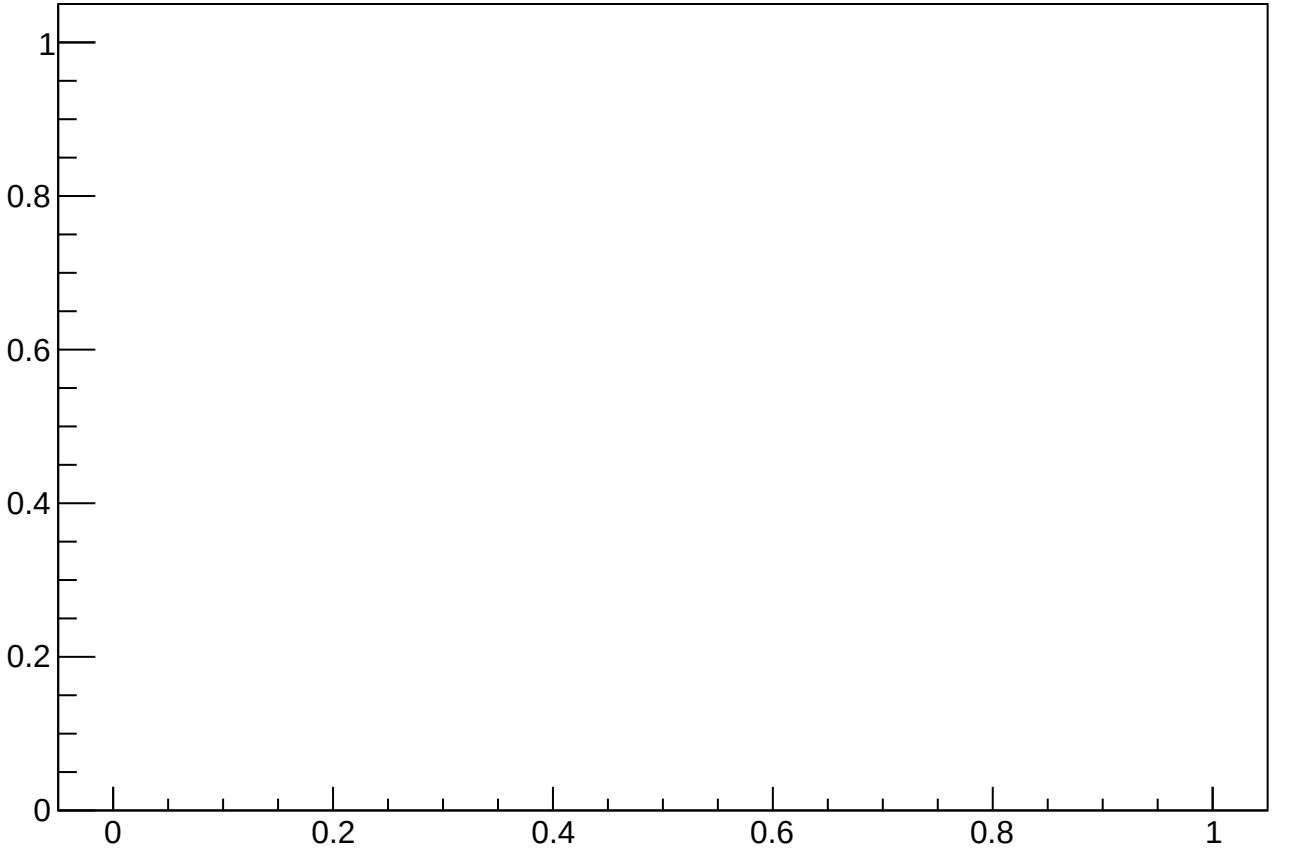
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

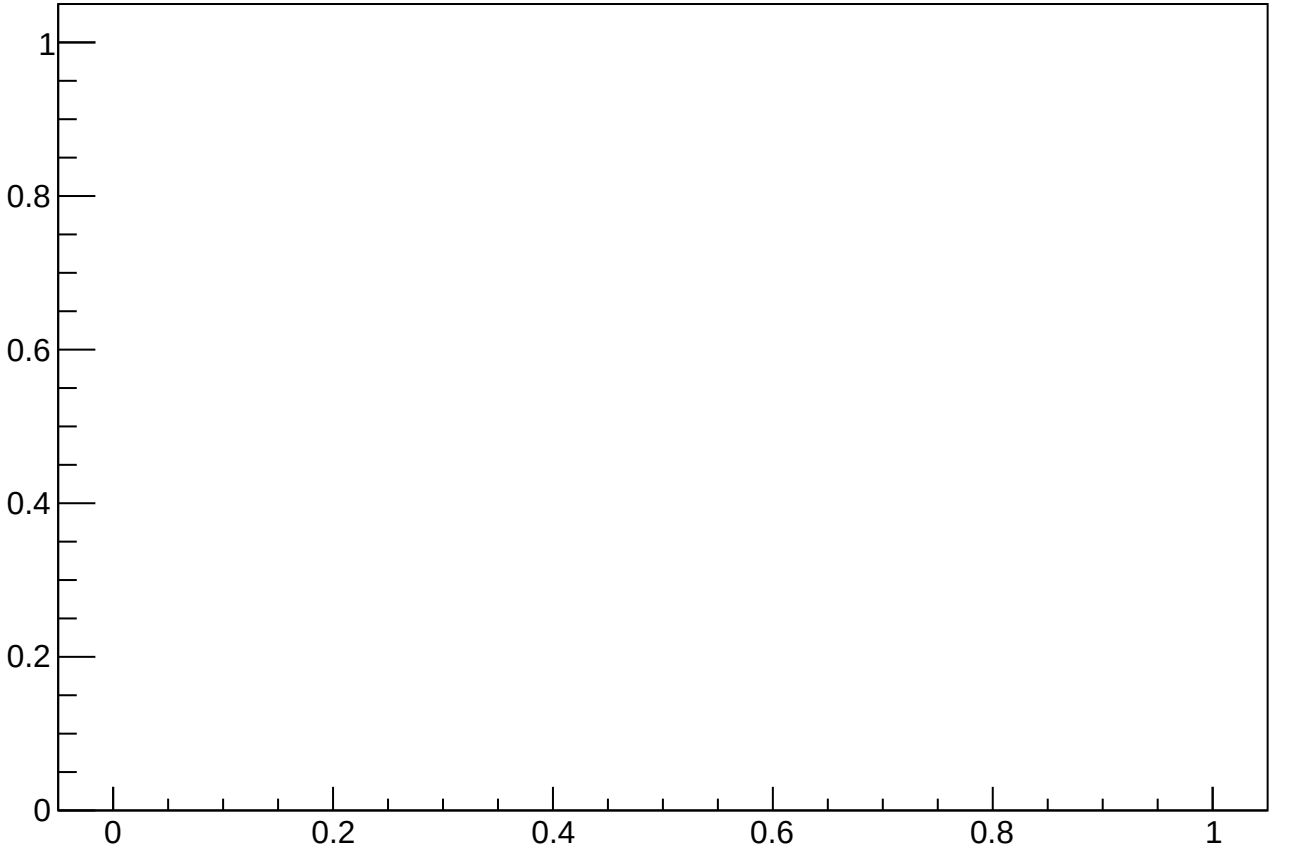
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

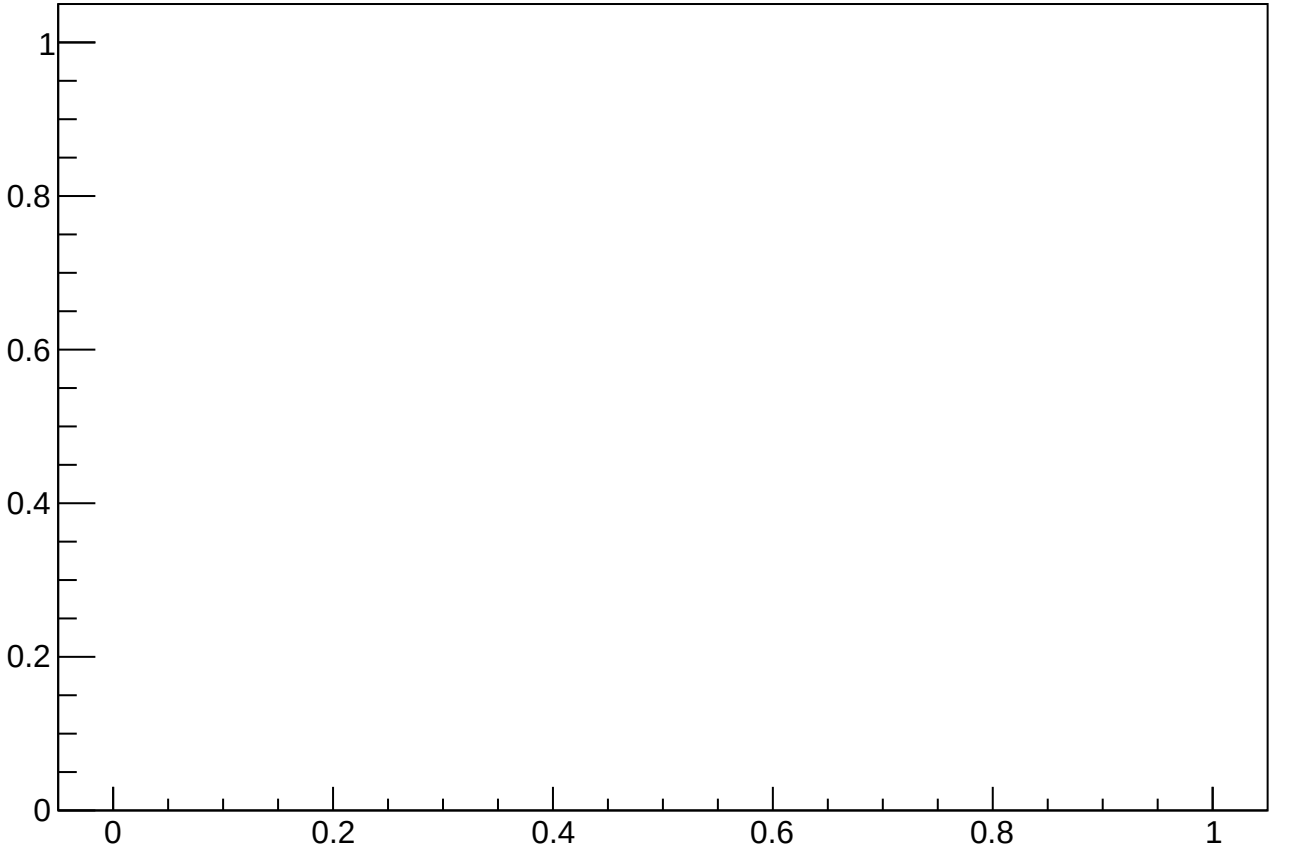
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

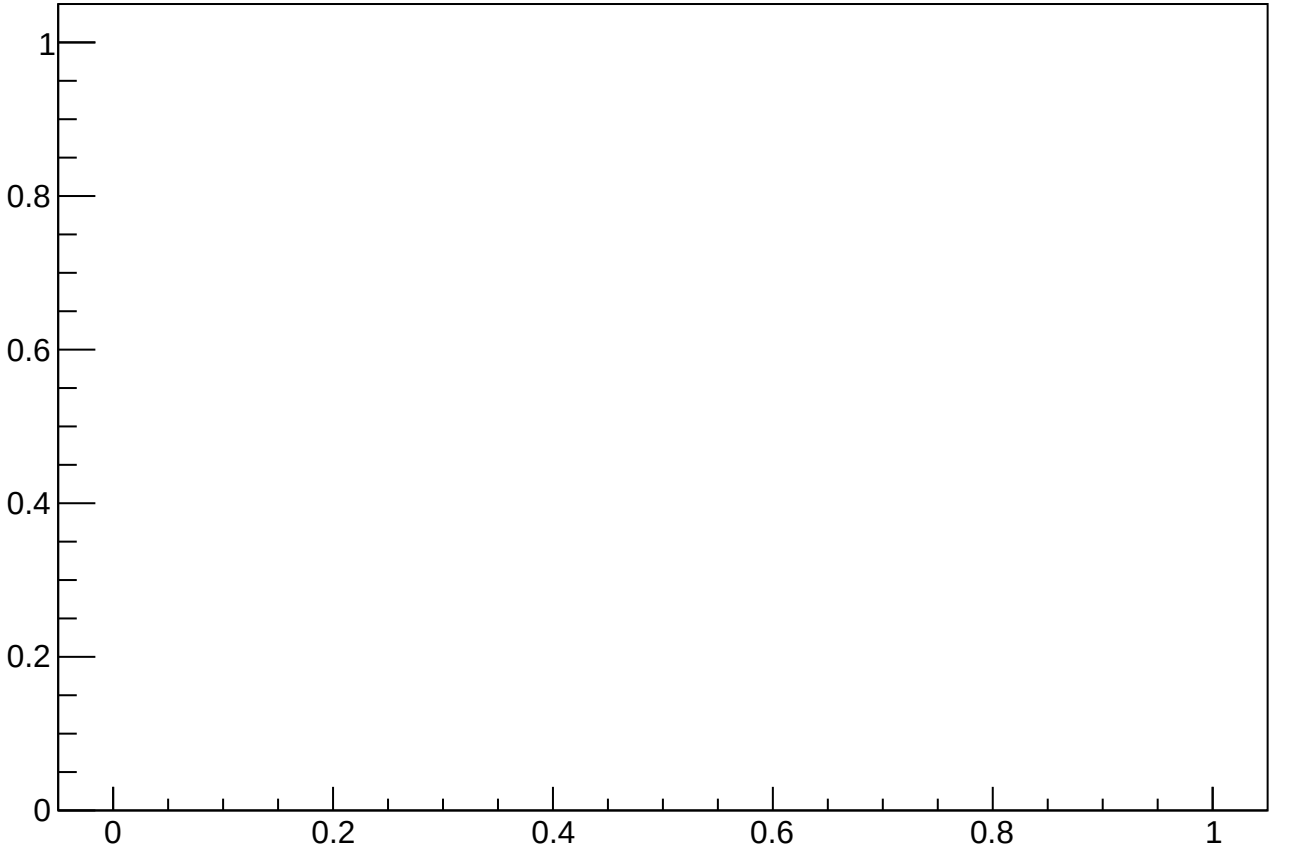
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

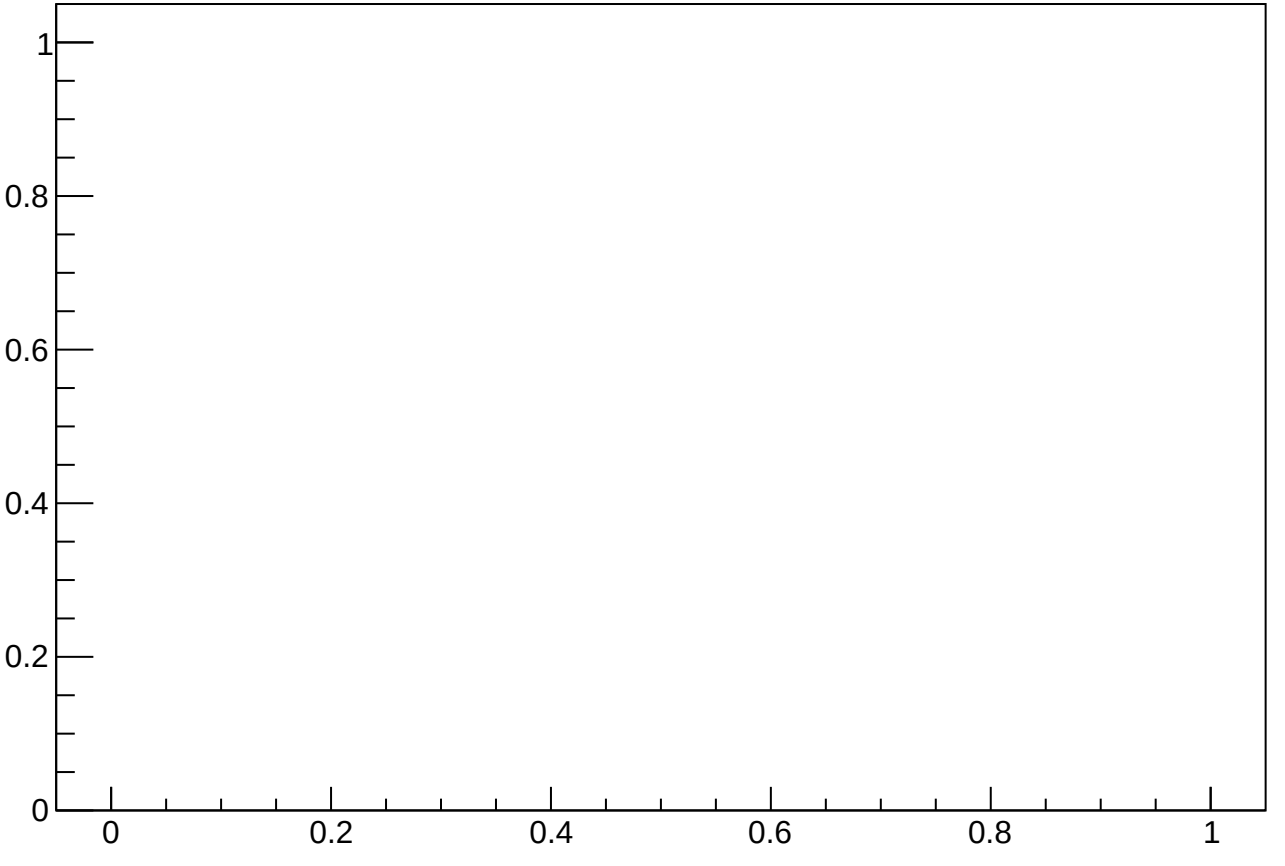
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

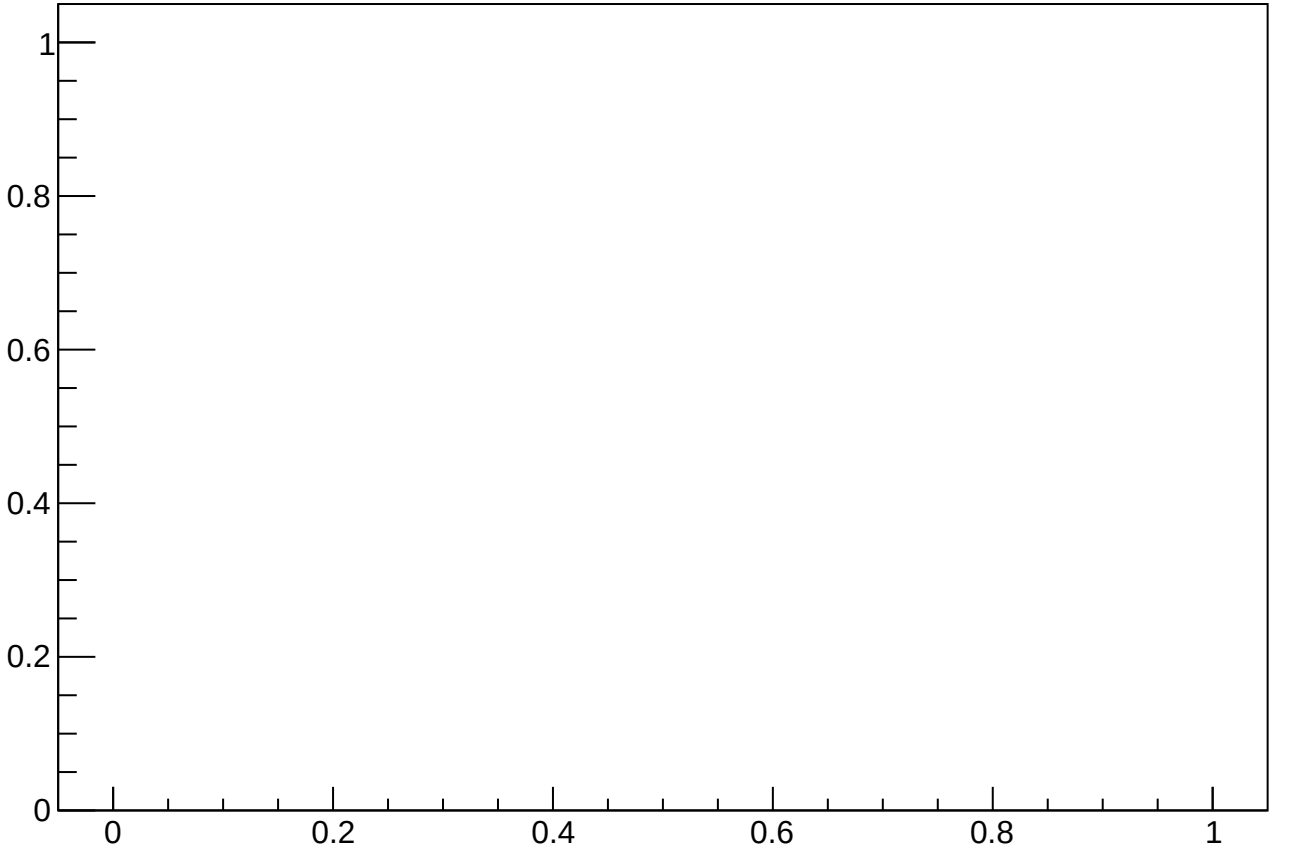
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

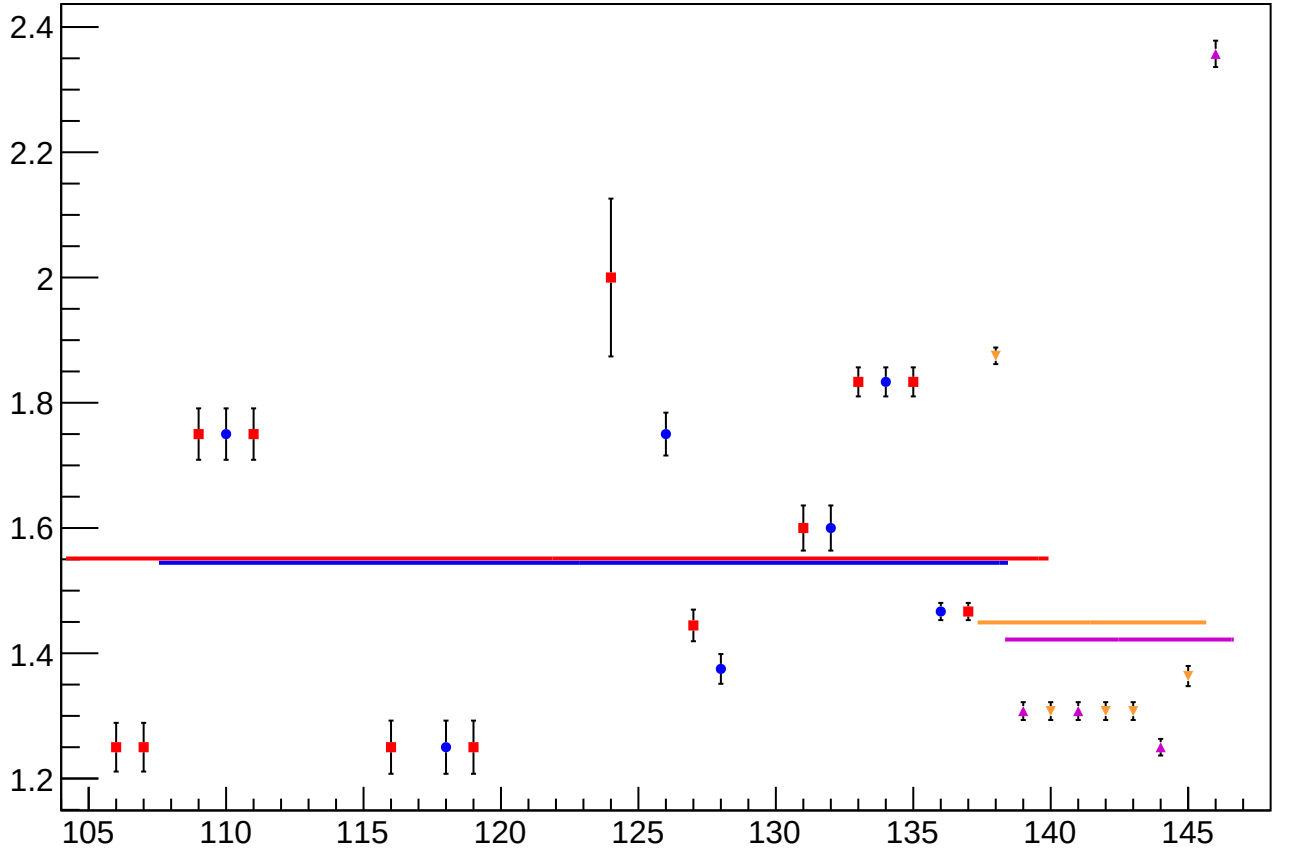
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF: 349.7/6

Left Out: 1.449+/-0.006 χ^2/NDF:1359.5/4

Right Out: 1.551+/-0.008 χ^2/NDF: 633.6/11

Left In: 1.422+/-0.007 χ^2/NDF:2269.6/3

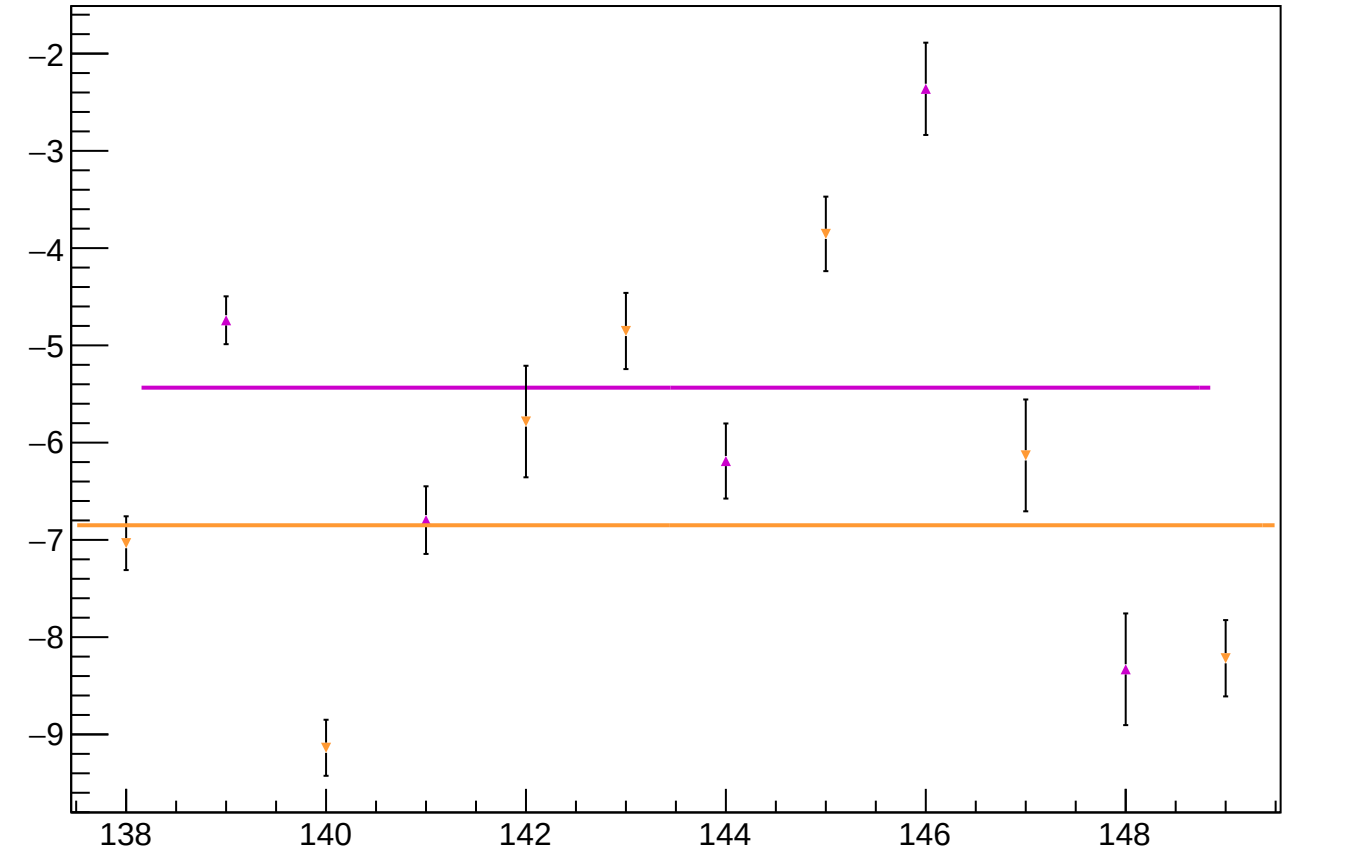
Left: 1.438+/-0.005 χ^2/NDF: 3636.9/8

Right: 1.548+/-0.006 χ^2/NDF: 983.5/18

In: 1.470+/-0.006 χ^2/NDF:2725.4/10

Out: 1.488+/-0.005 χ^2/NDF:2090.0/16

All: 1.481+/-0.004 χ^2/NDF: 4820.7/27



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

Left Out: -6.850+/-0.140 χ^2/NDF:167.9/6

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

Left In: -5.435+/-0.160 χ^2/NDF:94.5/4

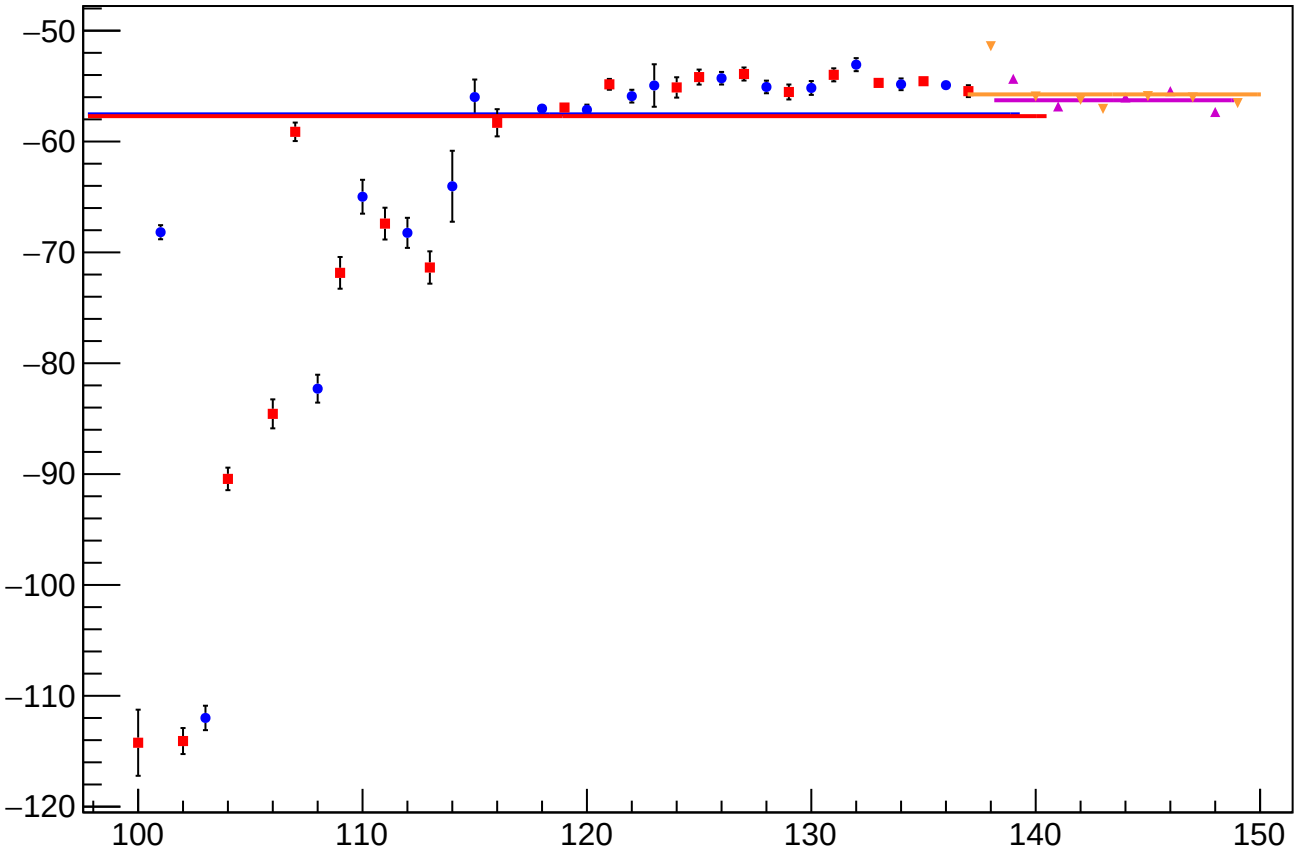
Left: -6.237+/-0.105 χ^2/NDF: 306.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.435+/-0.160 χ^2/NDF:94.5/4

Out: -6.850+/-0.140 χ^2/NDF:167.9/6

All: -6.237+/-0.105 χ^2/NDF: 306.5/11



Right In: -57.549+/-0.142 χ^2/NDF: 3460.4/16

Left Out: -55.748+/-0.108 χ^2/NDF:217.9/6

Right Out: -57.711+/-0.143 χ^2/NDF: 4703.8/18

Left In: -56.278+/-0.133 χ^2/NDF:45.5/4

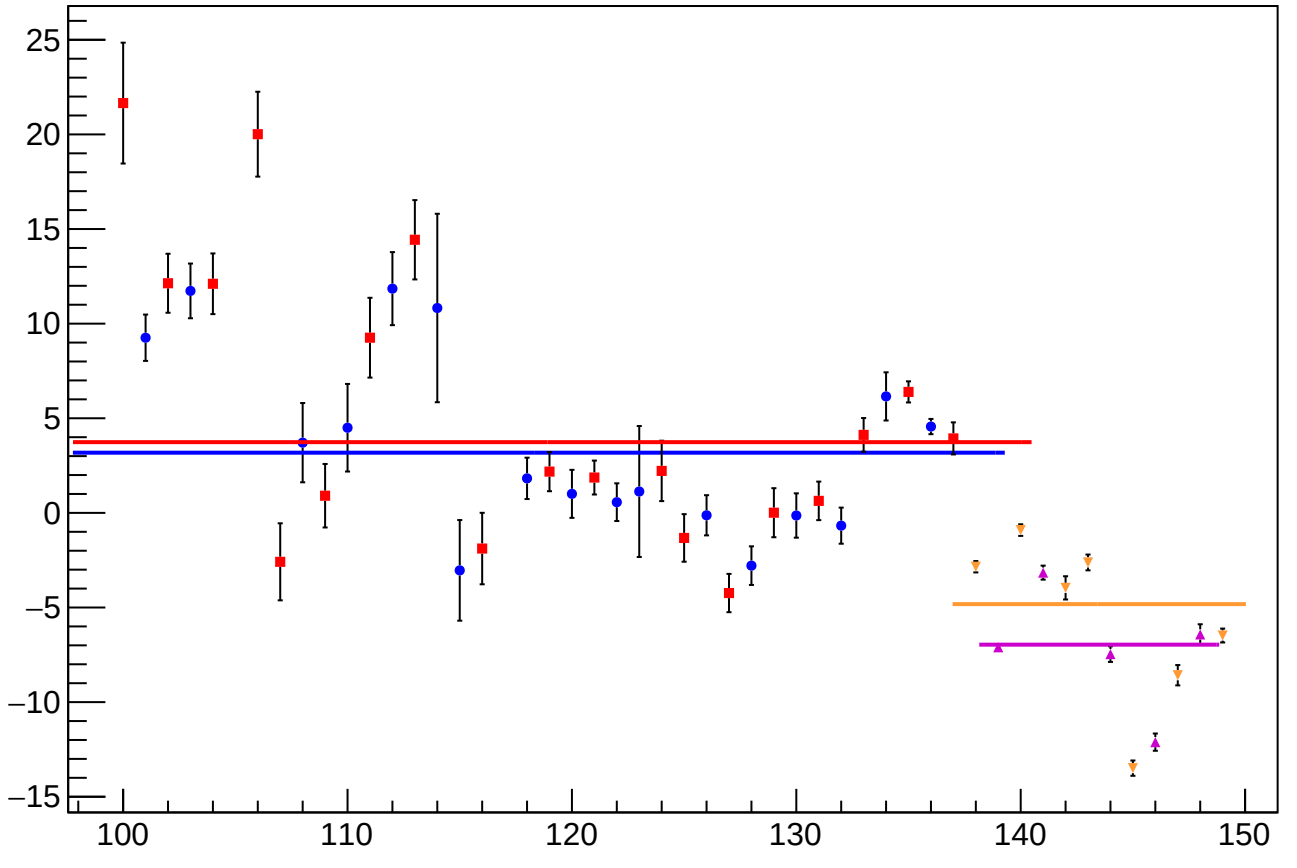
Left: -55.958+/-0.084 χ^2/NDF: 273.0/11

Right: -57.629+/-0.101 χ^2/NDF: 8164.8/35

In: -56.874+/-0.097 χ^2/NDF:3548.8/21

Out: -56.461+/-0.086 χ^2/NDF:5042.0/25

All: -56.643+/-0.064 χ^2/NDF: 8601.0/47



Right In: 3.181+/-0.258 χ^2/NDF: 185.2/16

Left Out: -4.821+/-0.146 χ^2/NDF:764.3/6

Right Out: 3.738+/-0.267 χ^2/NDF: 320.9/18

Left In: -6.963+/-0.168 χ^2/NDF:236.5/4

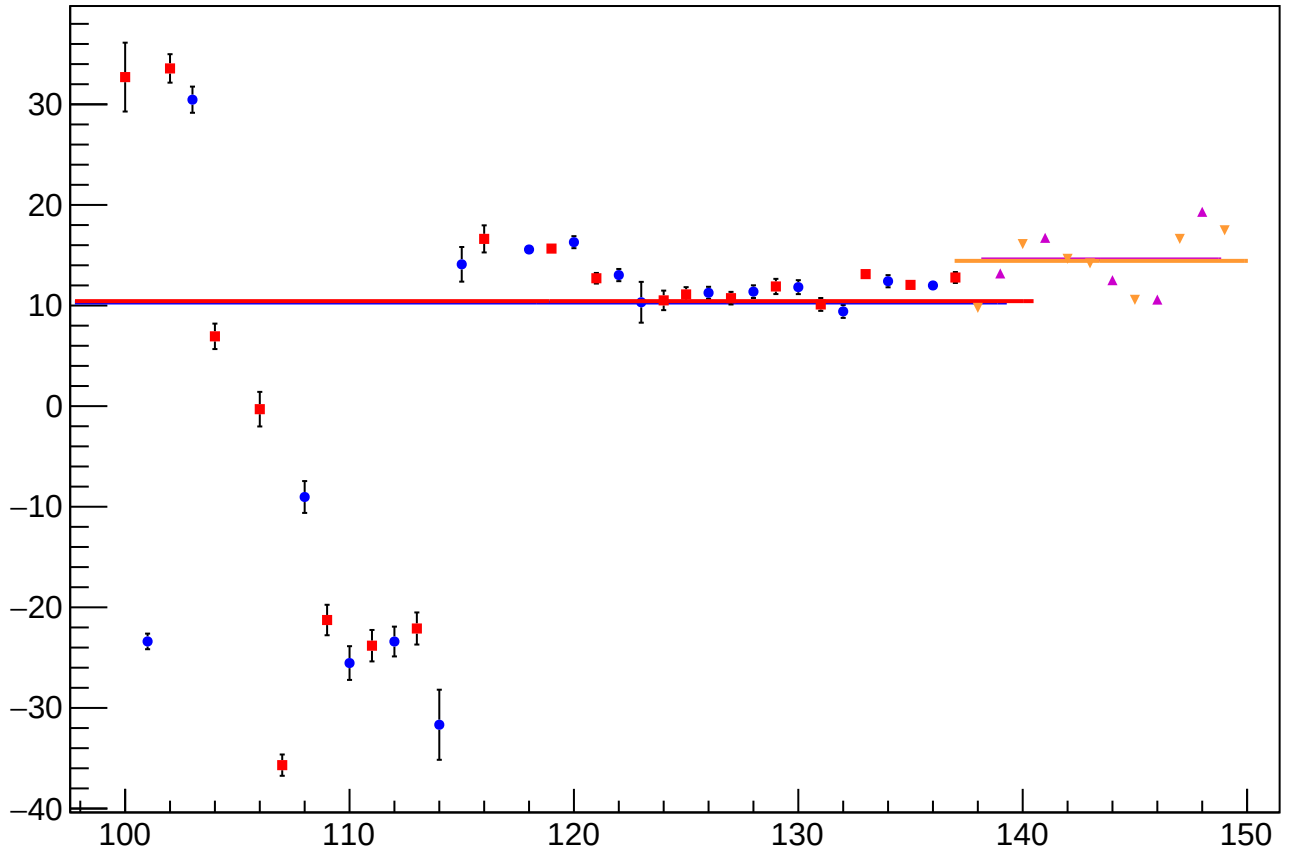
Left: -5.743+/-0.110 χ^2/NDF: 1093.7/11

Right: 3.450+/-0.186 χ^2/NDF: 508.4/35

In: -3.950+/-0.141 χ^2/NDF:1508.6/21

Out: -2.856+/-0.128 χ^2/NDF:1877.3/25

All: -3.351+/-0.095 χ^2/NDF: 3419.0/47



Right In: 10.301+/-0.157 χ^2/NDF: 3699.4/16

Left Out: 14.441+/-0.129 χ^2/NDF:453.0/6

Right Out: 10.437+/-0.160 χ^2/NDF: 3828.8/18

Left In: 14.582+/-0.160 χ^2/NDF:356.3/4

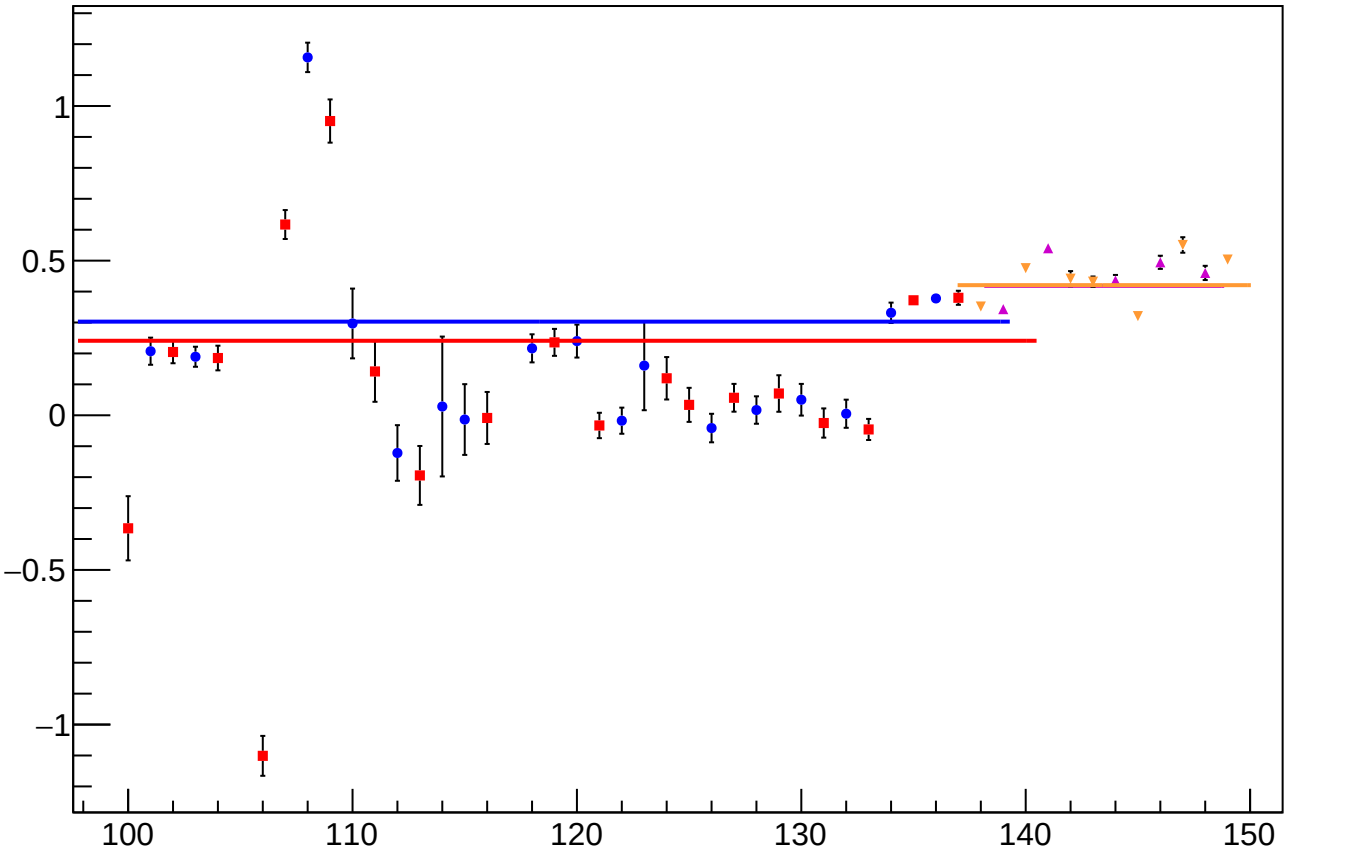
Left: 14.497+/-0.101 χ^2/NDF: 809.8/11

Right: 10.368+/-0.112 χ^2/NDF: 7528.5/35

In: 12.405+/-0.112 χ^2/NDF:4421.2/21

Out: 12.854+/-0.101 χ^2/NDF:4661.3/25

All: 12.653+/-0.075 χ^2/NDF: 9091.4/47



Right In: 0.303+/-0.008 χ^2/NDF: 647.2/16

Left Out: 0.421+/-0.006 χ^2/NDF:148.1/6

Right Out: 0.241+/-0.008 χ^2/NDF: 988.9/18

Left In: 0.418+/-0.007 χ^2/NDF:148.1/4

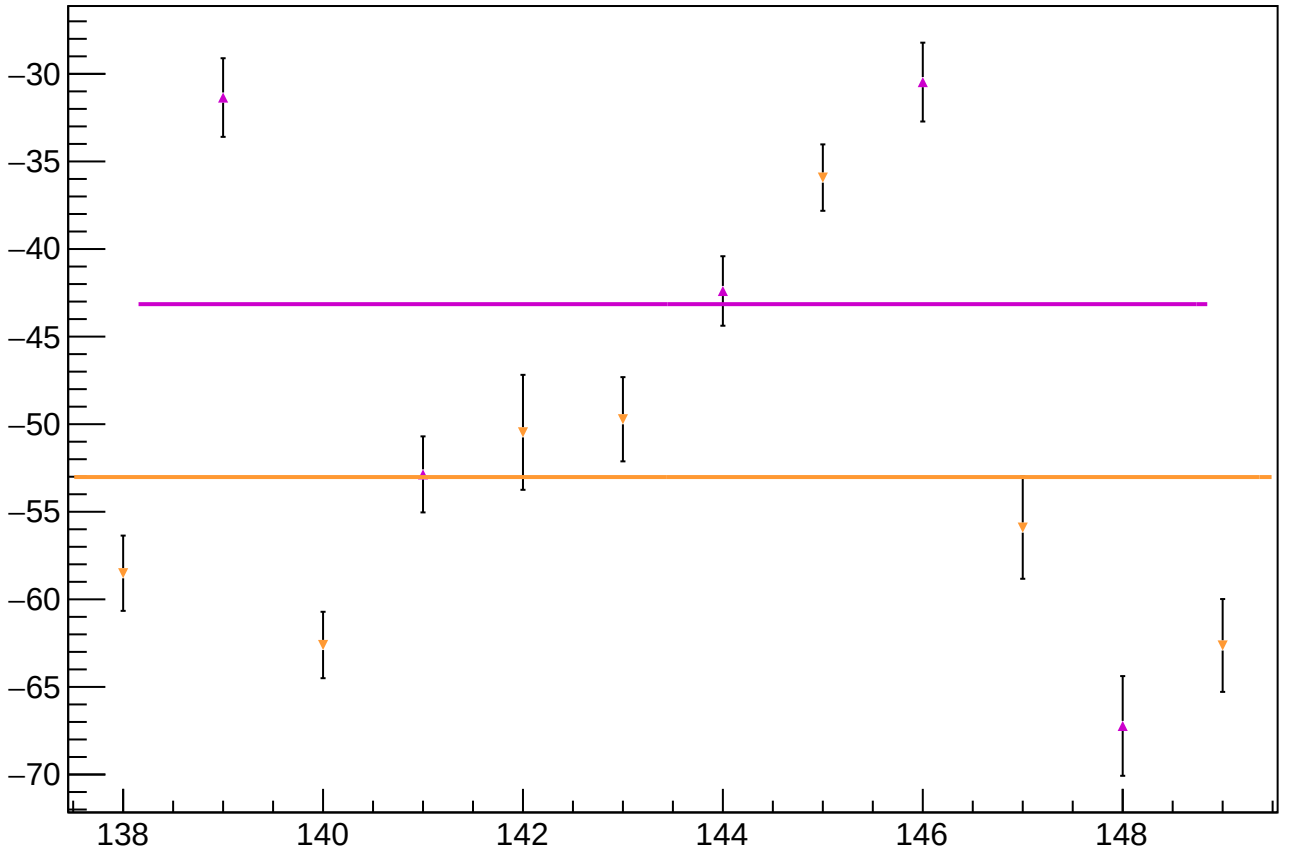
Left: 0.420+/-0.004 χ^2/NDF: 296.2/11

Right: 0.273+/-0.006 χ^2/NDF: 1663.5/35

In: 0.373+/-0.005 χ^2/NDF:916.0/21

Out: 0.361+/-0.005 χ^2/NDF:1436.6/25

All: 0.367+/-0.004 χ^2/NDF: 2355.5/47



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

Left Out: -53.019+/-0.878 χ^2/NDF:130.1/6

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

Left In: -43.148+/-1.007 χ^2/NDF:151.1/4

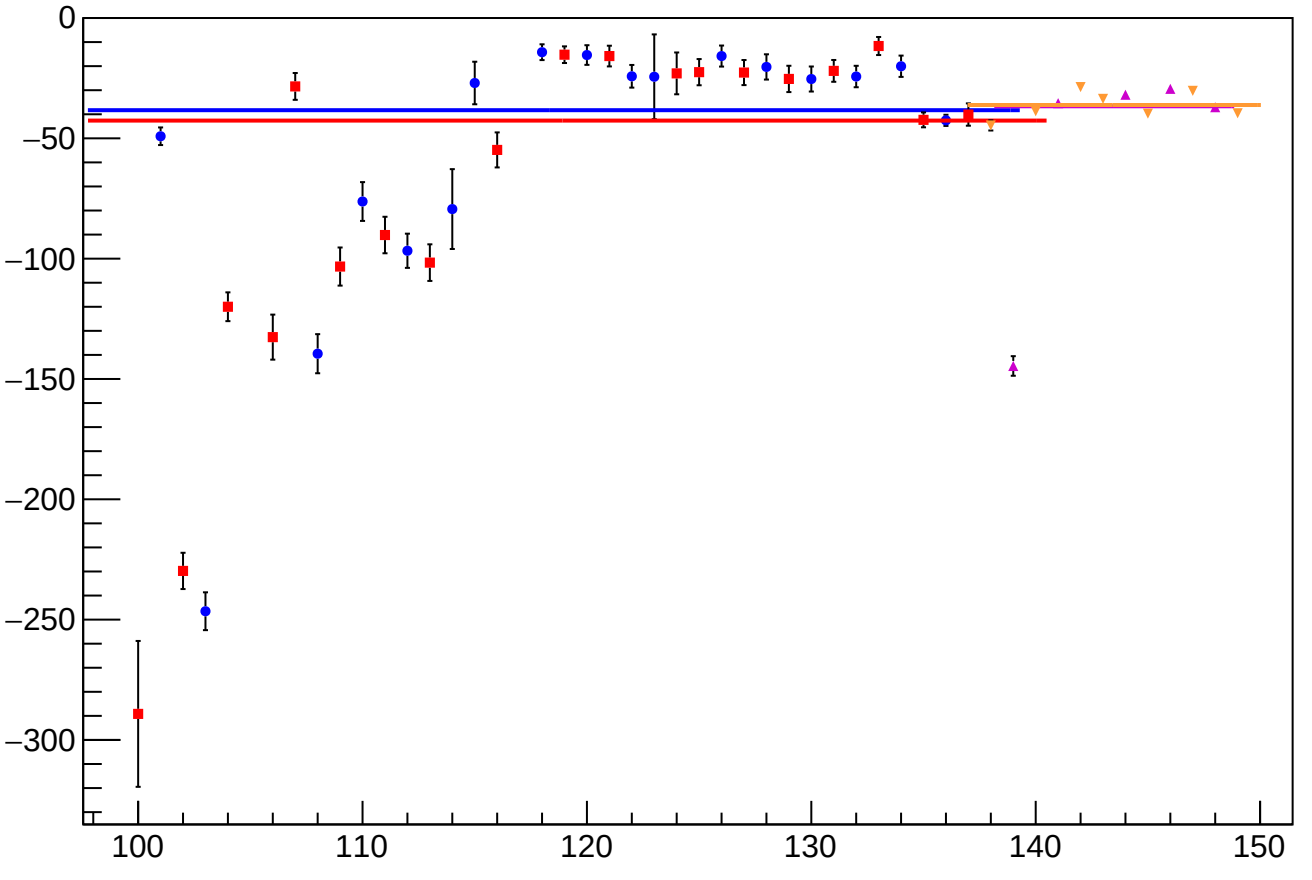
Left: -48.759+/-0.662 χ^2/NDF: 335.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.148+/-1.007 χ^2/NDF:151.1/4

Out: -53.019+/-0.878 χ^2/NDF:130.1/6

All: -48.759+/-0.662 χ^2/NDF: 335.8/11



Right In: -38.304+/-1.138 χ^2/NDF: 1132.8/16

Left Out: -36.149+/-0.628 χ^2/NDF:61.9/6

Right Out: -42.624+/-1.209 χ^2/NDF: 1344.4/18

Left In: -36.681+/-0.705 χ^2/NDF:742.2/4

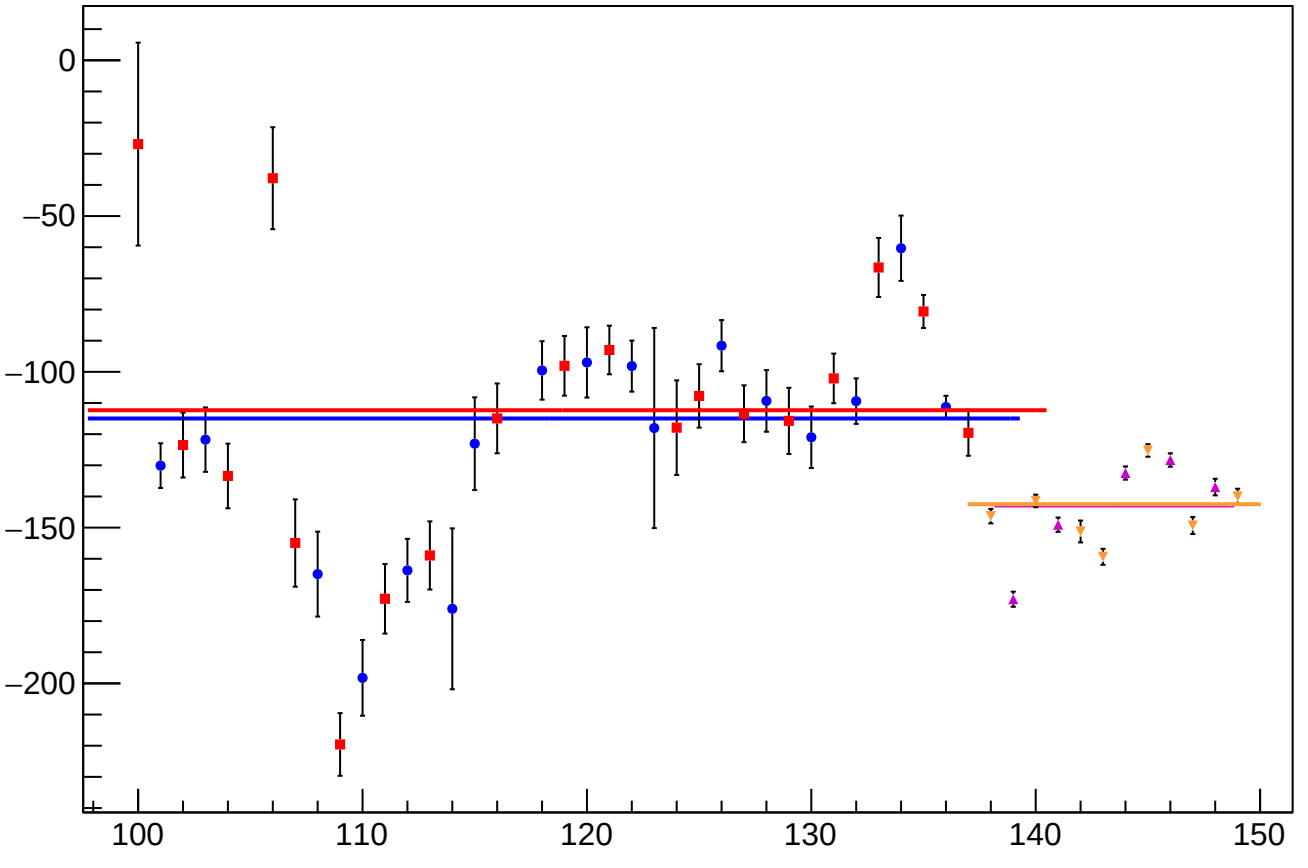
Left: -36.384+/-0.469 χ^2/NDF: 804.4/11

Right: -40.334+/-0.829 χ^2/NDF: 2483.9/35

In: -37.130+/-0.599 χ^2/NDF:1876.4/21

Out: -37.525+/-0.557 χ^2/NDF:1428.9/25

All: -37.342+/-0.408 χ^2/NDF: 3305.5/47



Right In: -114.969+/-2.075 χ^2/NDF: 141.4/16

Left Out: -142.487+/-0.911 χ^2/NDF:132.9/6

Right Out: -112.320+/-2.205 χ^2/NDF: 274.0/18

Left In: -142.885+/-1.035 χ^2/NDF:235.4/4

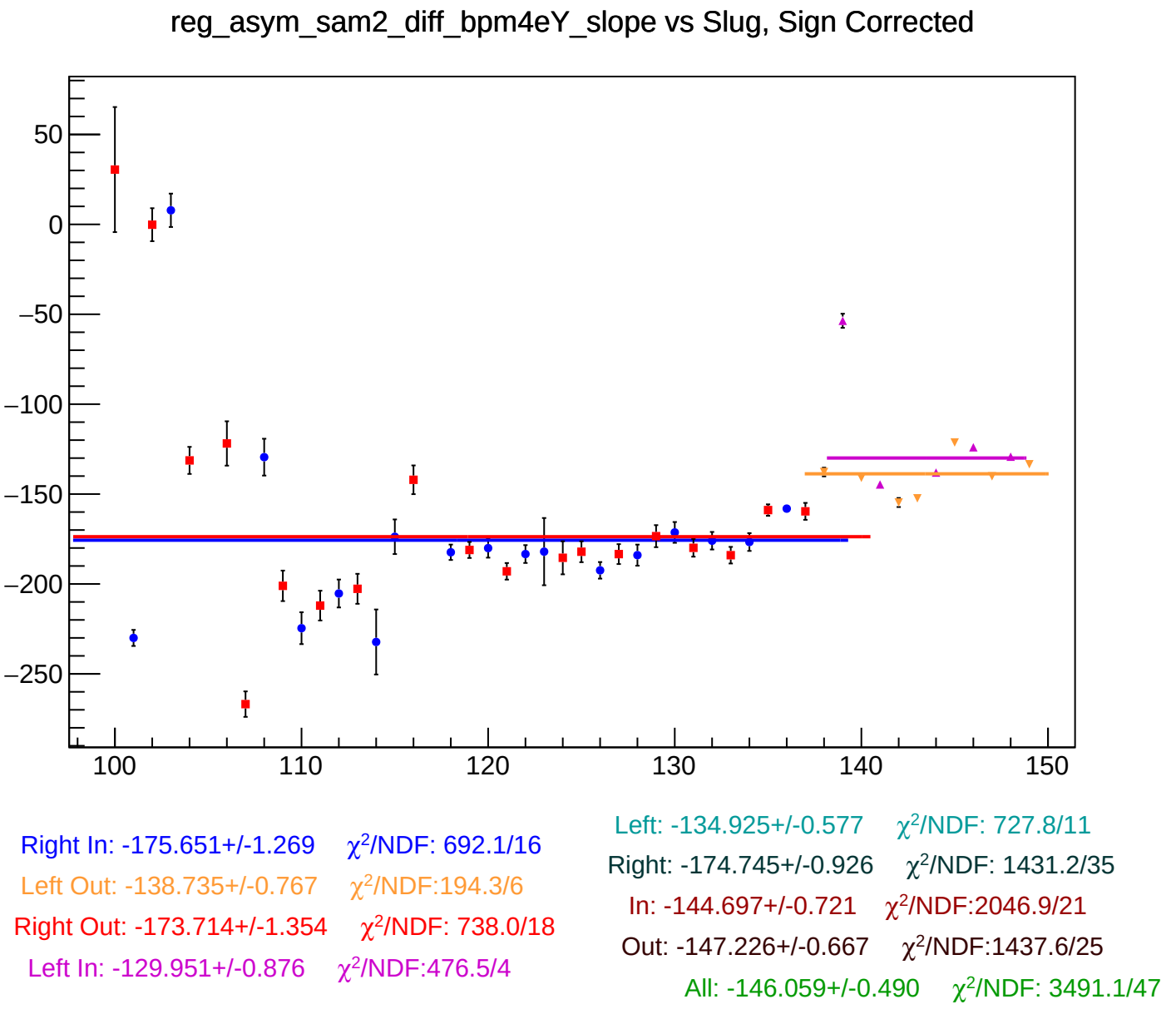
Left: -142.660+/-0.684 χ^2/NDF: 368.4/11

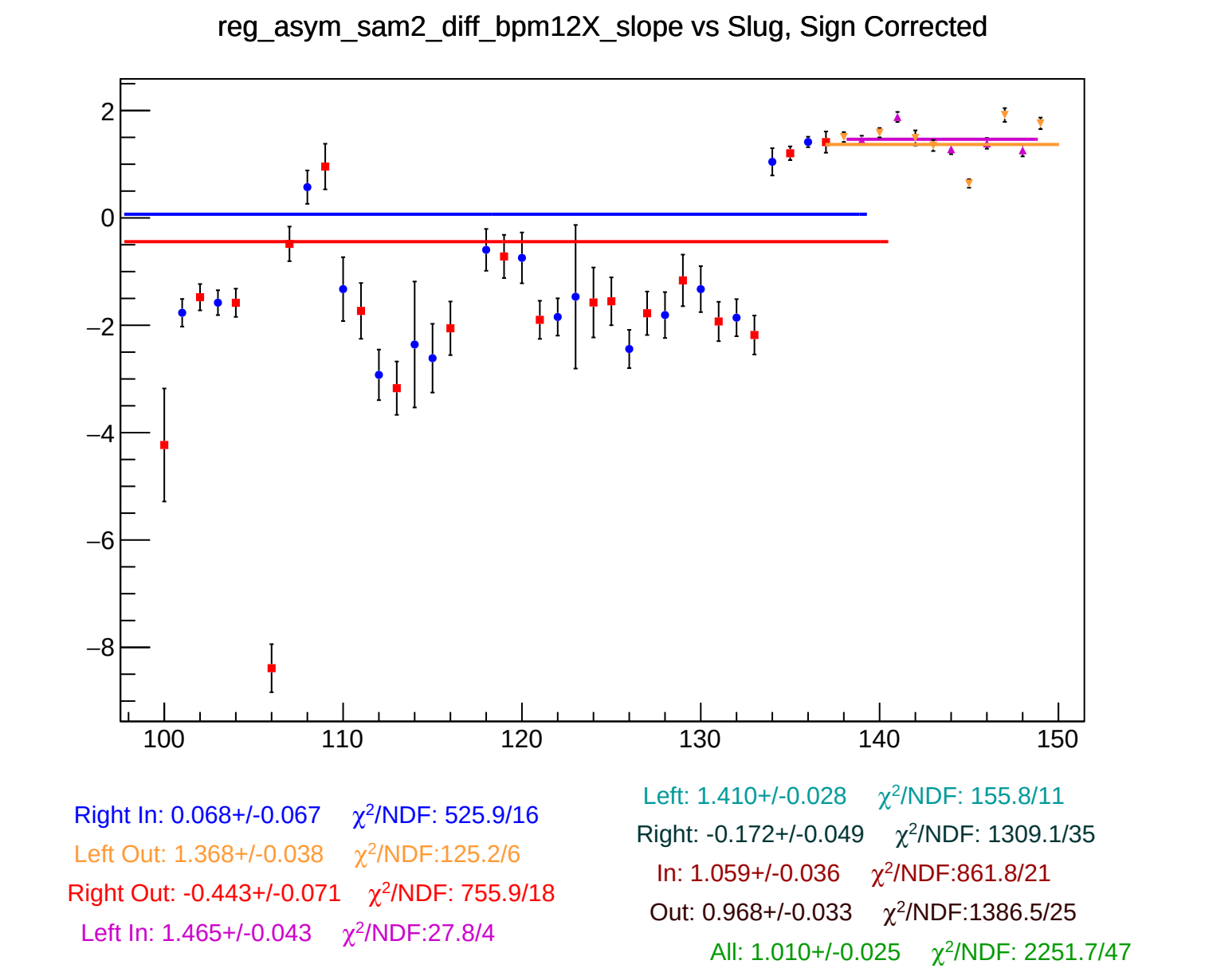
Right: -113.725+/-1.511 χ^2/NDF: 416.2/35

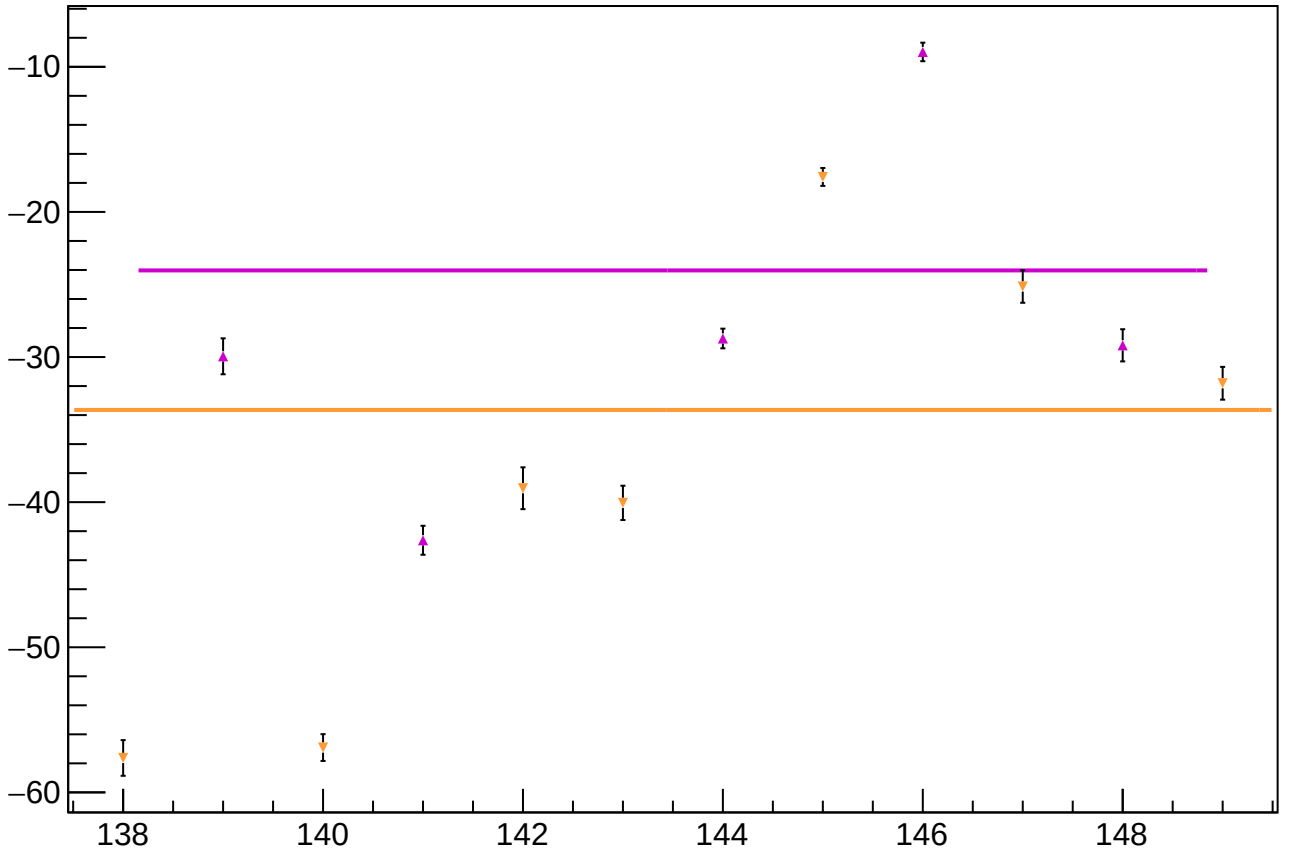
In: -137.323+/-0.926 χ^2/NDF:521.8/21

Out: -138.091+/-0.842 χ^2/NDF:566.8/25

All: -137.744+/-0.623 χ^2/NDF: 1089.0/47


reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected
50
0
−50
−100
−150
−200
−250
100
110
120
130
140
150
Right In: -175.651+/-1.269 χ²/NDF: 692.1/16
Left Out: -138.735+/-0.767 χ²/NDF:194.3/6
Right Out: -173.714+/-1.354 χ²/NDF: 738.0/18
Left In: -129.951+/-0.876 χ²/NDF:476.5/4
Left: -134.925+/-0.577 χ²/NDF: 727.8/11
Right: -174.745+/-0.926 χ²/NDF: 1431.2/35
In: -144.697+/-0.721 χ²/NDF:2046.9/21
Out: -147.226+/-0.667 χ²/NDF:1437.6/25
All: -146.059+/-0.490 χ²/NDF: 3491.1/47


reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected
2
0
−2
−4
−6
−8
100
110
120
130
140
150
Right In: 0.068+/-0.067 χ²/NDF: 525.9/16
Left Out: 1.368+/-0.038 χ²/NDF:125.2/6
Right Out: -0.443+/-0.071 χ²/NDF: 755.9/18
Left In: 1.465+/-0.043 χ²/NDF:27.8/4
Left: 1.410+/-0.028 χ²/NDF: 155.8/11
Right: -0.172+/-0.049 χ²/NDF: 1309.1/35
In: 1.059+/-0.036 χ²/NDF:861.8/21
Out: 0.968+/-0.033 χ²/NDF:1386.5/25
All: 1.010+/-0.025 χ²/NDF: 2251.7/47



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

Left Out: -33.646+/-0.372 χ^2/NDF:1797.0/6

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

Left In: -24.030+/-0.375 χ^2/NDF:995.3/4

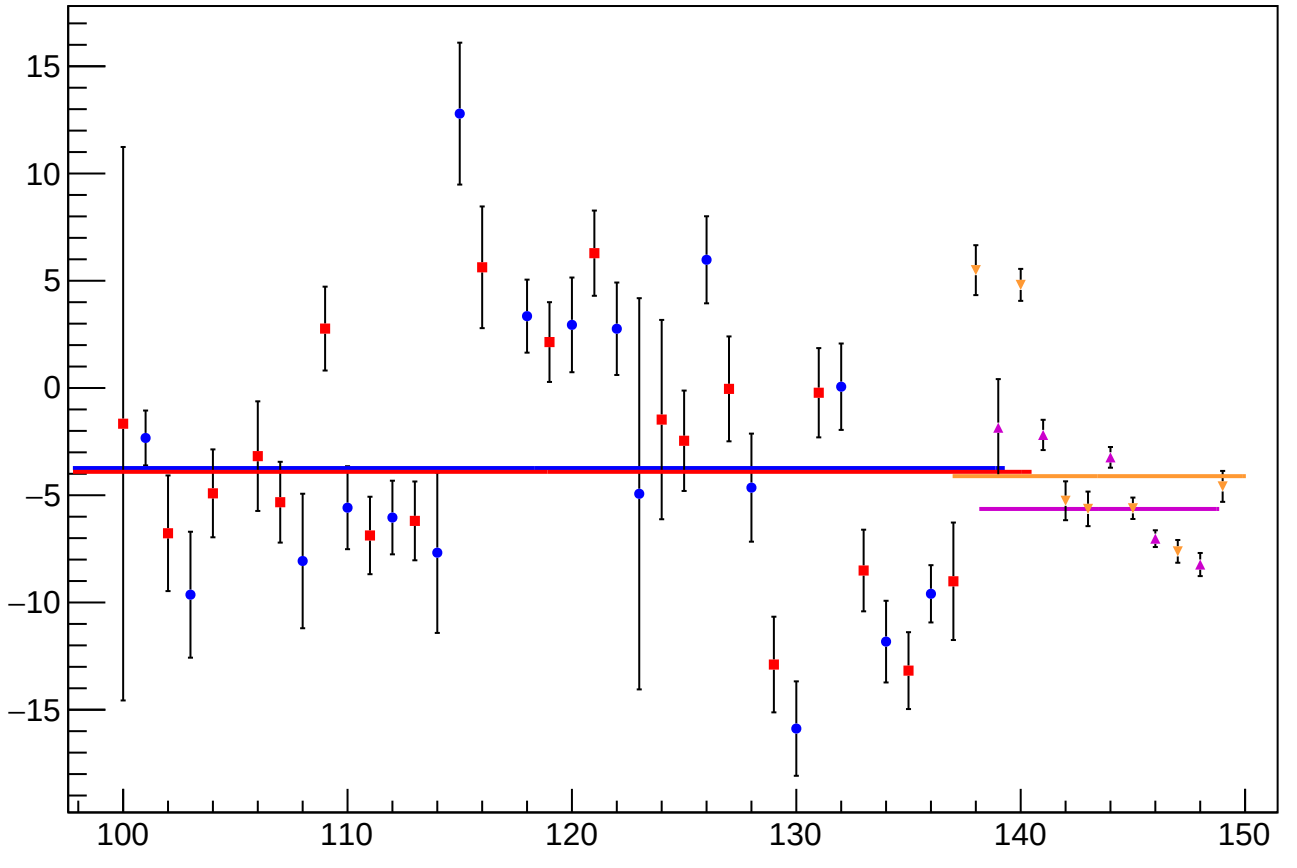
Left: -28.886+/-0.264 χ^2/NDF: 3123.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.030+/-0.375 χ^2/NDF:995.3/4

Out: -33.646+/-0.372 χ^2/NDF:1797.0/6

All: -28.886+/-0.264 χ^2/NDF: 3123.7/11



Right In: -3.732+/-0.496 χ^2/NDF: 165.8/16

Left Out: -4.110+/-0.260 χ^2/NDF:269.6/6

Right Out: -3.908+/-0.507 χ^2/NDF: 124.8/18

Left In: -5.639+/-0.246 χ^2/NDF:87.2/4

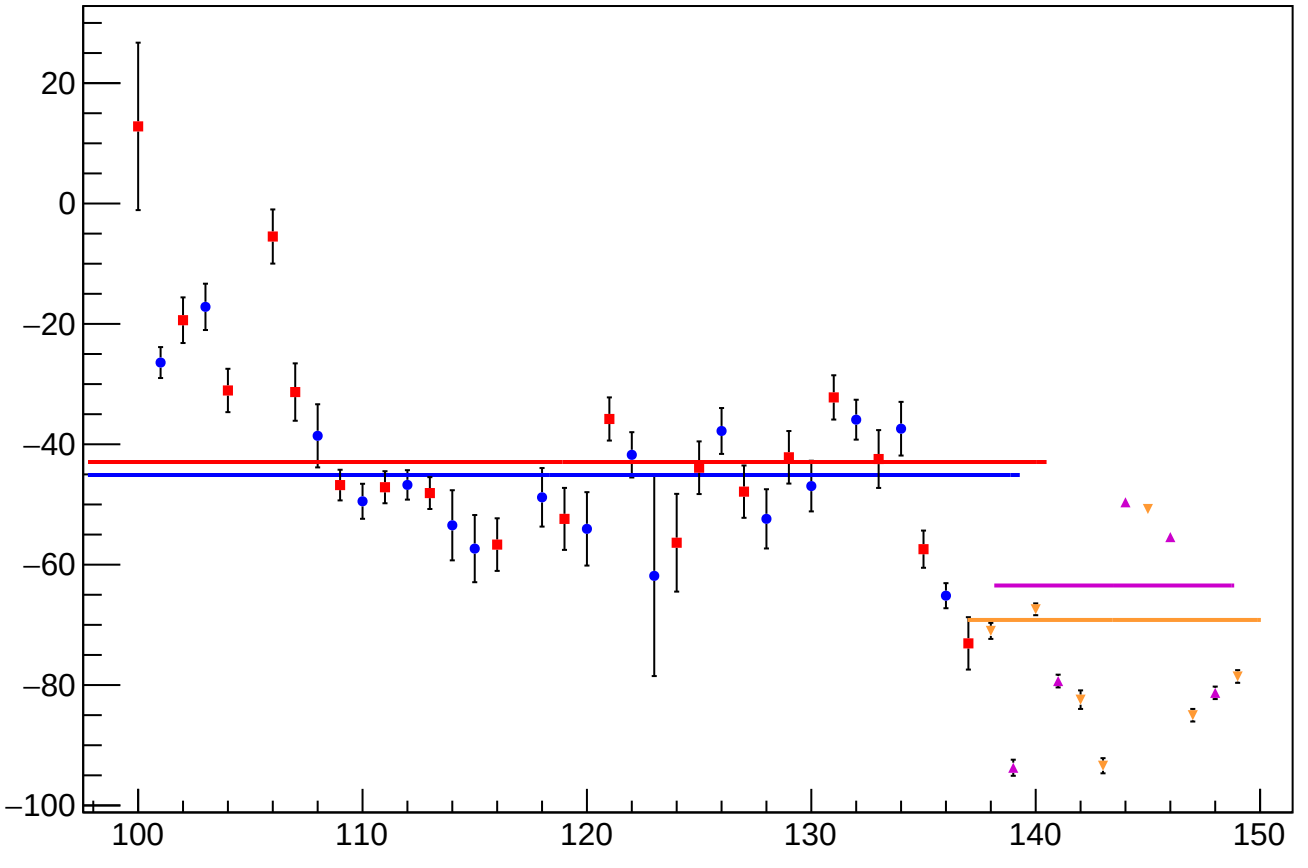
Left: -4.917+/-0.179 χ^2/NDF: 375.0/11

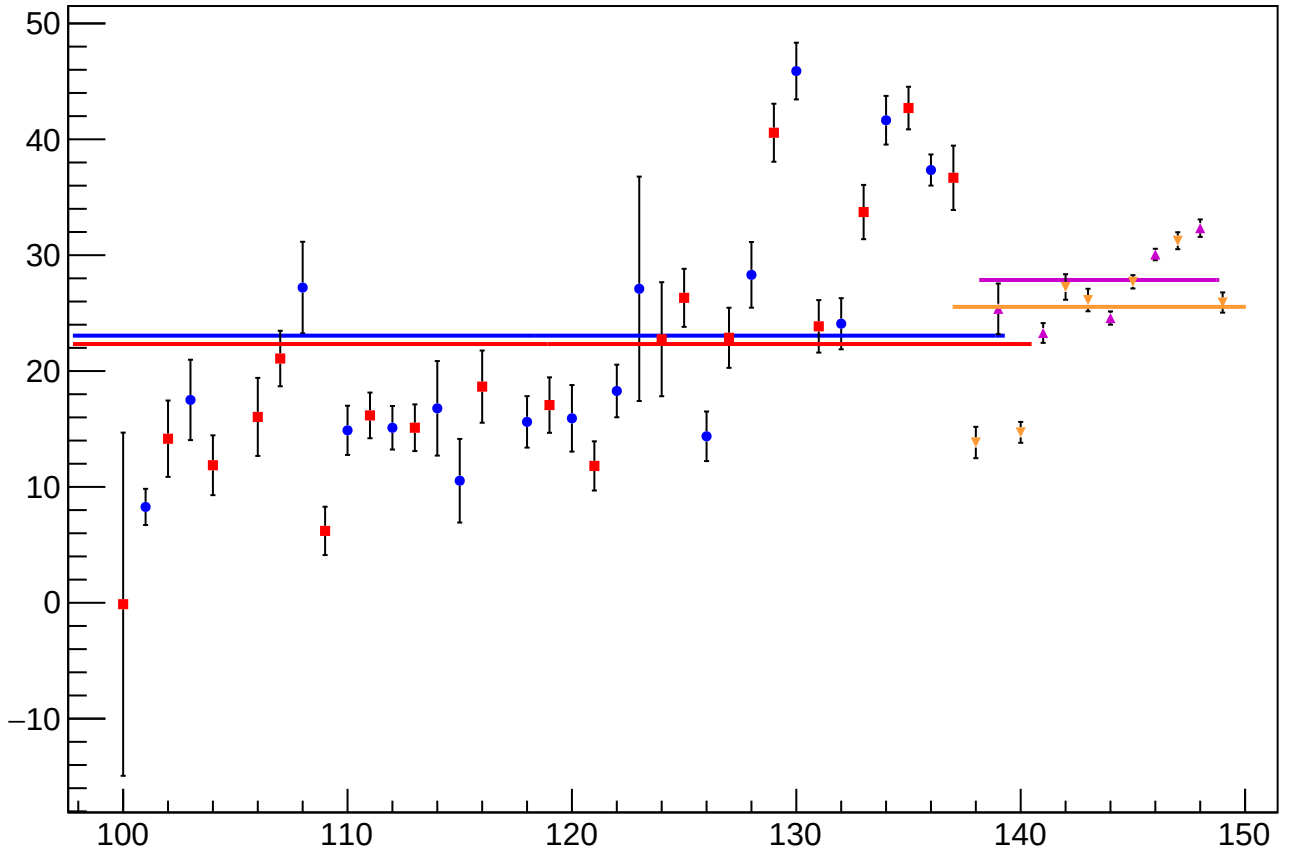
Right: -3.818+/-0.354 χ^2/NDF: 290.7/35

In: -5.262+/-0.221 χ^2/NDF:265.0/21

Out: -4.068+/-0.231 χ^2/NDF:394.5/25

All: -4.694+/-0.160 χ^2/NDF: 673.4/47


reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected
20
0
−20
−40
−60
−80
−100
100
110
120
130
140
150
Right In: -45.102+/-0.883 χ²/NDF: 230.6/16
Left Out: -69.184+/-0.384 χ²/NDF:1547.6/6
Right Out: -42.944+/-0.877 χ²/NDF: 249.1/18
Left In: -63.461+/-0.380 χ²/NDF:1564.0/4
Left: -66.295+/-0.270 χ²/NDF: 3223.8/11
Right: -44.017+/-0.622 χ²/NDF: 482.6/35
In: -60.589+/-0.349 χ²/NDF:2159.6/21
Out: -64.970+/-0.352 χ²/NDF:2547.3/25
All: -62.764+/-0.248 χ²/NDF: 4785.1/47



Right In: 23.055+/-0.557 χ^2/NDF: 461.1/16

Left Out: 25.539+/-0.319 χ^2/NDF:296.8/6

Right Out: 22.331+/-0.572 χ^2/NDF: 371.1/18

Left In: 27.859+/-0.309 χ^2/NDF:117.9/4

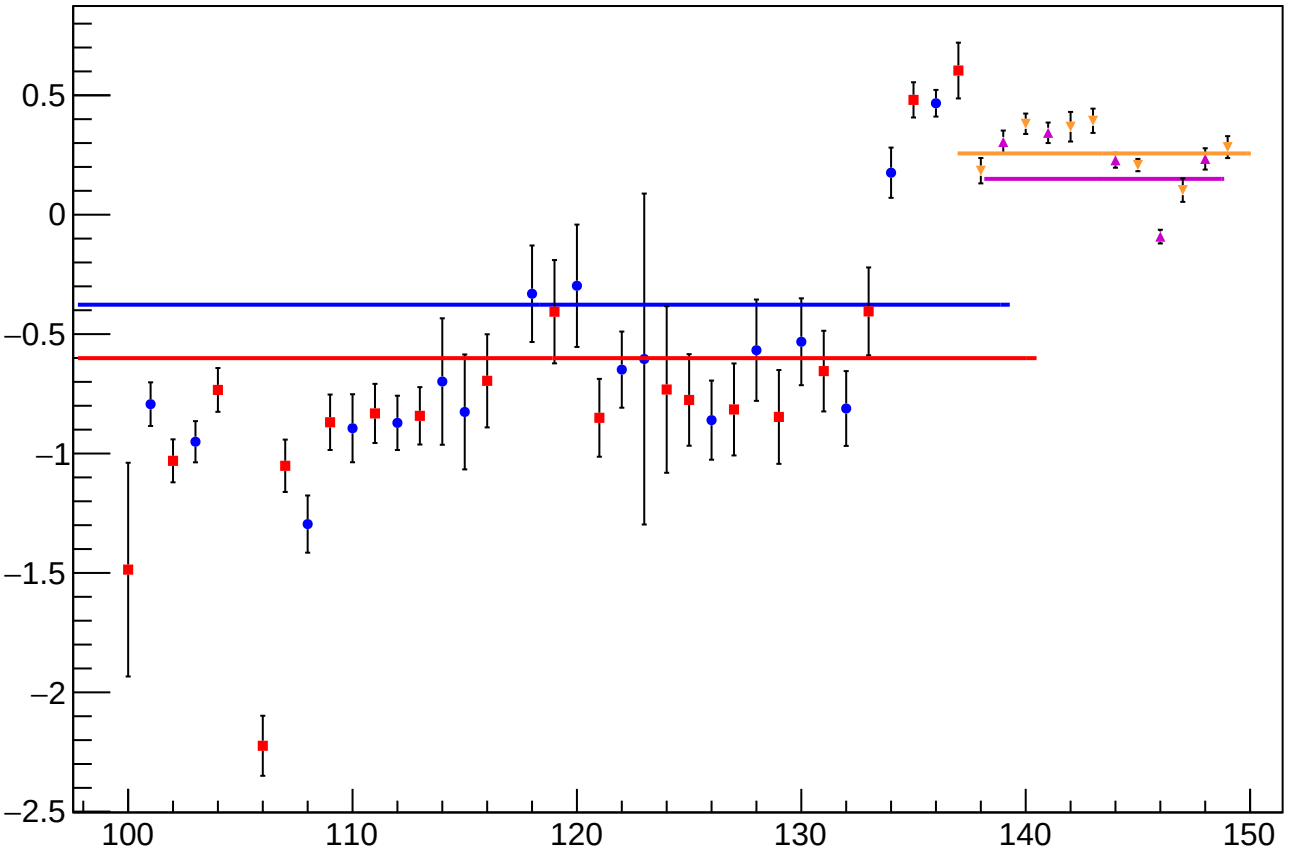
Left: 26.735+/-0.222 χ^2/NDF: 442.0/11

Right: 22.703+/-0.399 χ^2/NDF: 833.0/35

In: 26.729+/-0.270 χ^2/NDF:635.9/21

Out: 24.780+/-0.278 χ^2/NDF:691.9/25

All: 25.784+/-0.194 χ^2/NDF: 1353.0/47



Right In: -0.377+/-0.030 χ^2/NDF: 437.4/16

Left Out: 0.257+/-0.016 χ^2/NDF:34.4/6

Right Out: -0.601+/-0.030 χ^2/NDF: 555.2/18

Left In: 0.150+/-0.016 χ^2/NDF:111.5/4

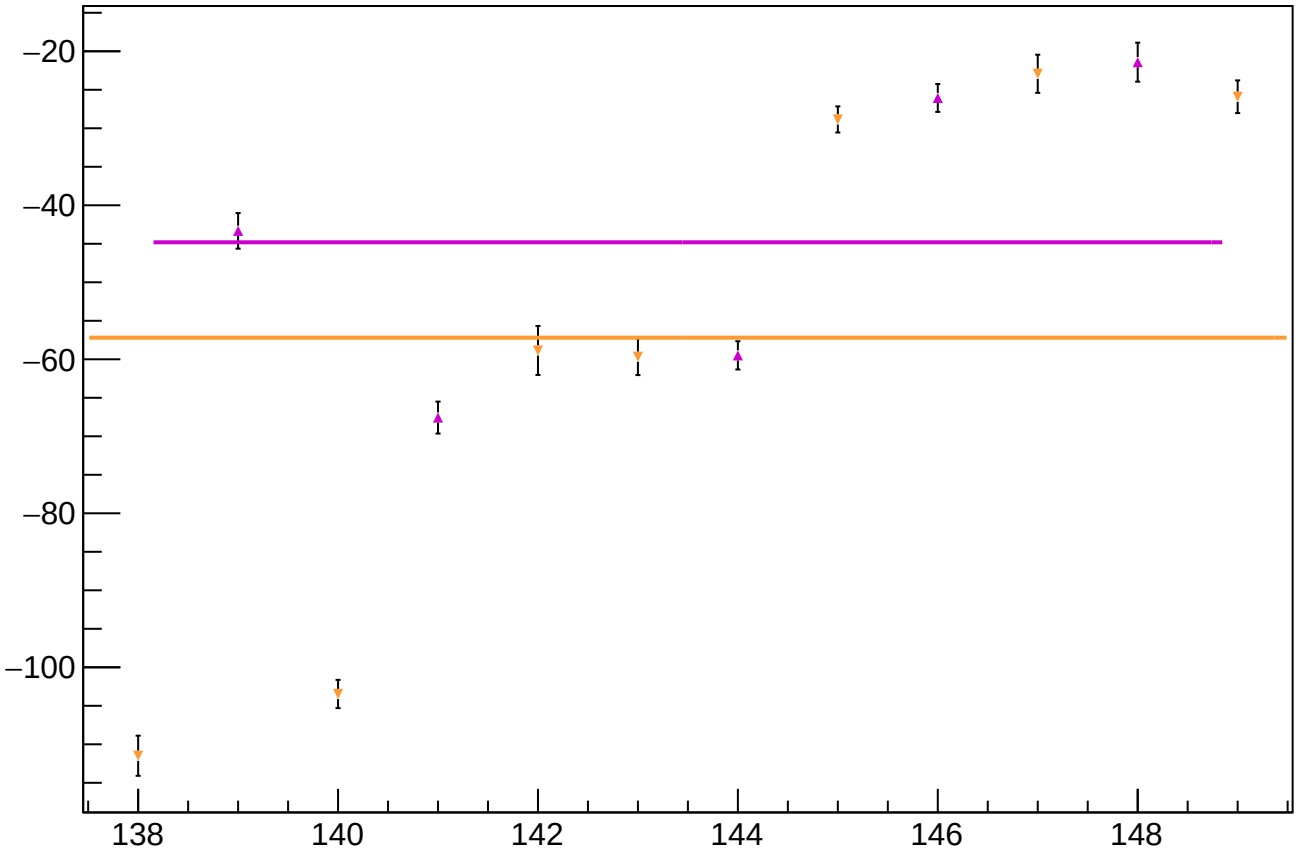
Left: 0.205+/-0.011 χ^2/NDF: 167.6/11

Right: -0.488+/-0.021 χ^2/NDF: 1020.2/35

In: 0.030+/-0.014 χ^2/NDF:785.3/21

Out: 0.070+/-0.014 χ^2/NDF:1220.7/25

All: 0.050+/-0.010 χ^2/NDF: 2010.0/47



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

Left Out: -57.193+/-0.830 χ^2/NDF:1761.3/6

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

Left In: -44.808+/-0.922 χ^2/NDF:377.4/4

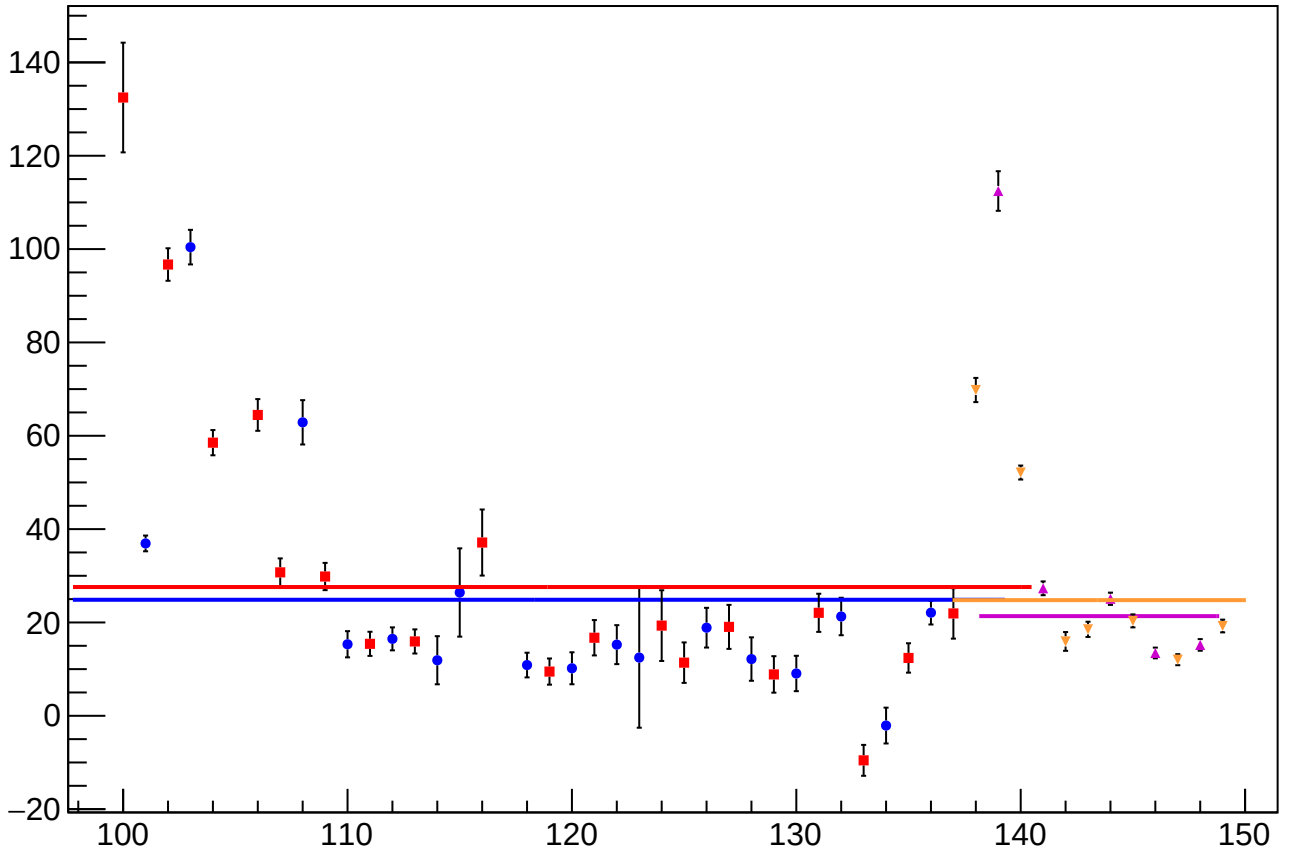
Left: -51.649+/-0.617 χ^2/NDF: 2238.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.808+/-0.922 χ^2/NDF:377.4/4

Out: -57.193+/-0.830 χ^2/NDF:1761.3/6

All: -51.649+/-0.617 χ^2/NDF: 2238.5/11



Right In: 24.863+/-0.802 χ^2/NDF: 691.0/16

Left Out: 24.782+/-0.580 χ^2/NDF:810.6/6

Right Out: 27.593+/-0.810 χ^2/NDF: 1010.9/18

Left In: 21.356+/-0.633 χ^2/NDF:557.0/4

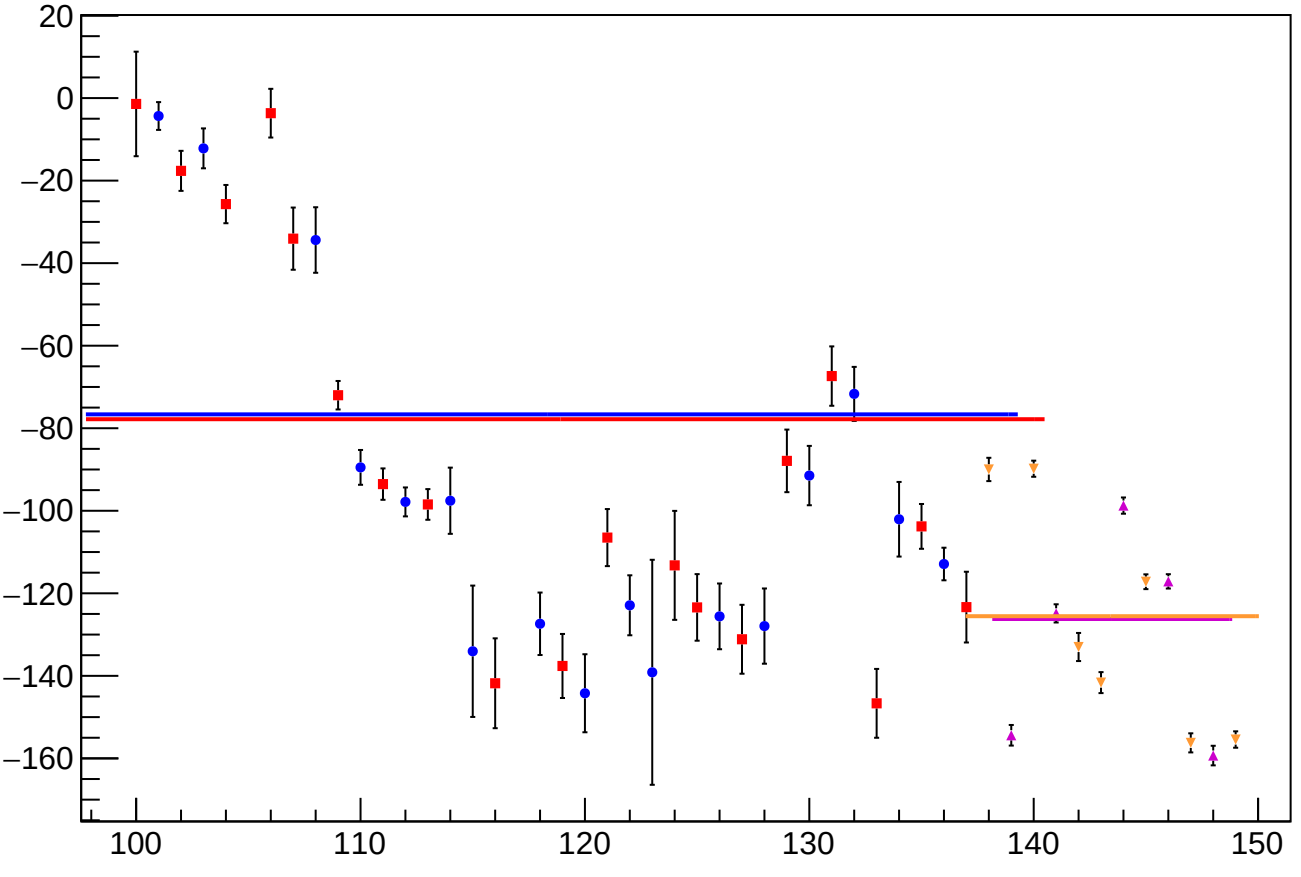
Left: 23.220+/-0.428 χ^2/NDF: 1383.5/11

Right: 26.215+/-0.570 χ^2/NDF: 1707.7/35

In: 22.703+/-0.497 χ^2/NDF:1259.8/21

Out: 25.735+/-0.471 χ^2/NDF:1829.5/25

All: 24.299+/-0.342 χ^2/NDF: 3108.9/47



Right In: -76.641+/-1.415 χ^2/NDF: 1040.7/16

Left Out: -125.548+/-0.851 χ^2/NDF:962.7/6

Right Out: -77.815+/-1.352 χ^2/NDF: 873.3/18

Left In: -126.226+/-0.940 χ^2/NDF:545.0/4

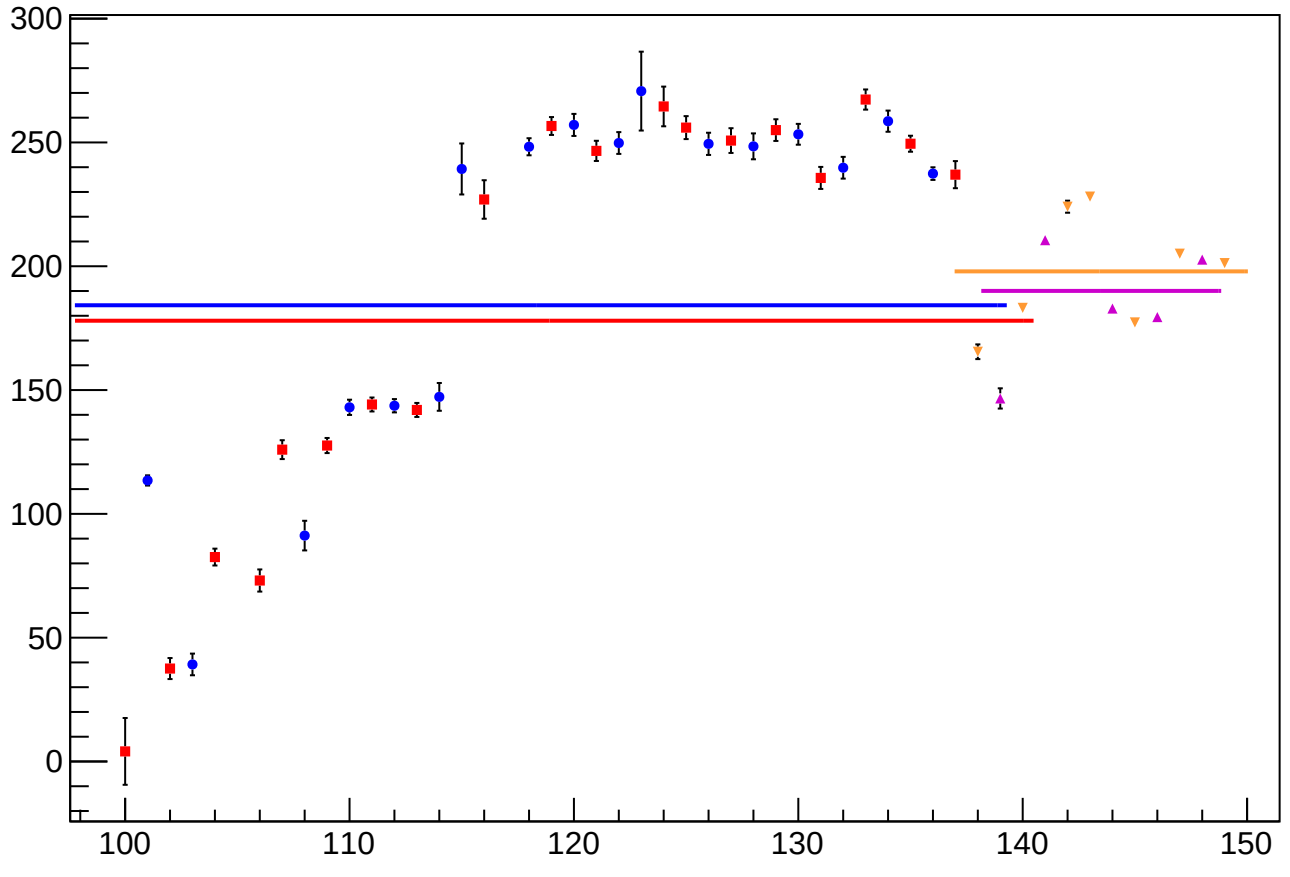
Left: -125.854+/-0.631 χ^2/NDF: 1508.0/11

Right: -77.254+/-0.978 χ^2/NDF: 1914.4/35

In: -111.049+/-0.783 χ^2/NDF:2438.1/21

Out: -112.004+/-0.720 χ^2/NDF:2728.6/25

All: -111.566+/-0.530 χ^2/NDF: 5167.5/47



Right In: 184.246+/-0.915 χ^2/NDF: 5388.6/16

Left Out: 197.930+/-0.710 χ^2/NDF:725.0/6

Right Out: 178.003+/-0.924 χ^2/NDF: 6338.0/18

Left In: 190.044+/-0.787 χ^2/NDF:374.5/4

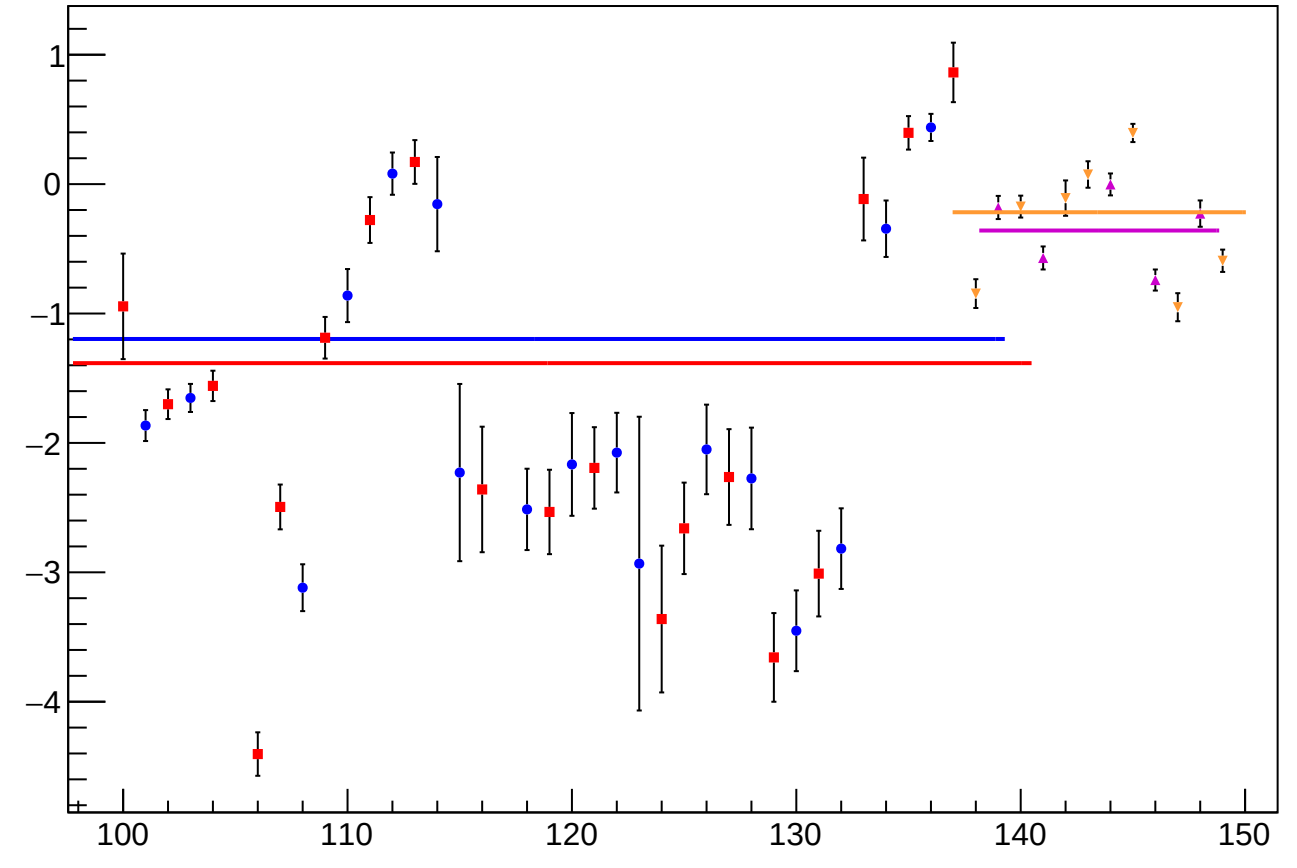
Left: 194.391+/-0.527 χ^2/NDF: 1154.8/11

Right: 181.152+/-0.650 χ^2/NDF: 11749.6/35

In: 187.578+/-0.597 χ^2/NDF:5786.2/21

Out: 190.522+/-0.563 χ^2/NDF:7355.4/25

All: 189.136+/-0.410 χ^2/NDF: 13154.5/47



Right In: -1.197+/-0.048 χ^2/NDF: 621.5/16

Left Out: -0.217+/-0.036 χ^2/NDF:181.6/6

Right Out: -1.383+/-0.046 χ^2/NDF: 923.4/18

Left In: -0.359+/-0.040 χ^2/NDF:51.0/4

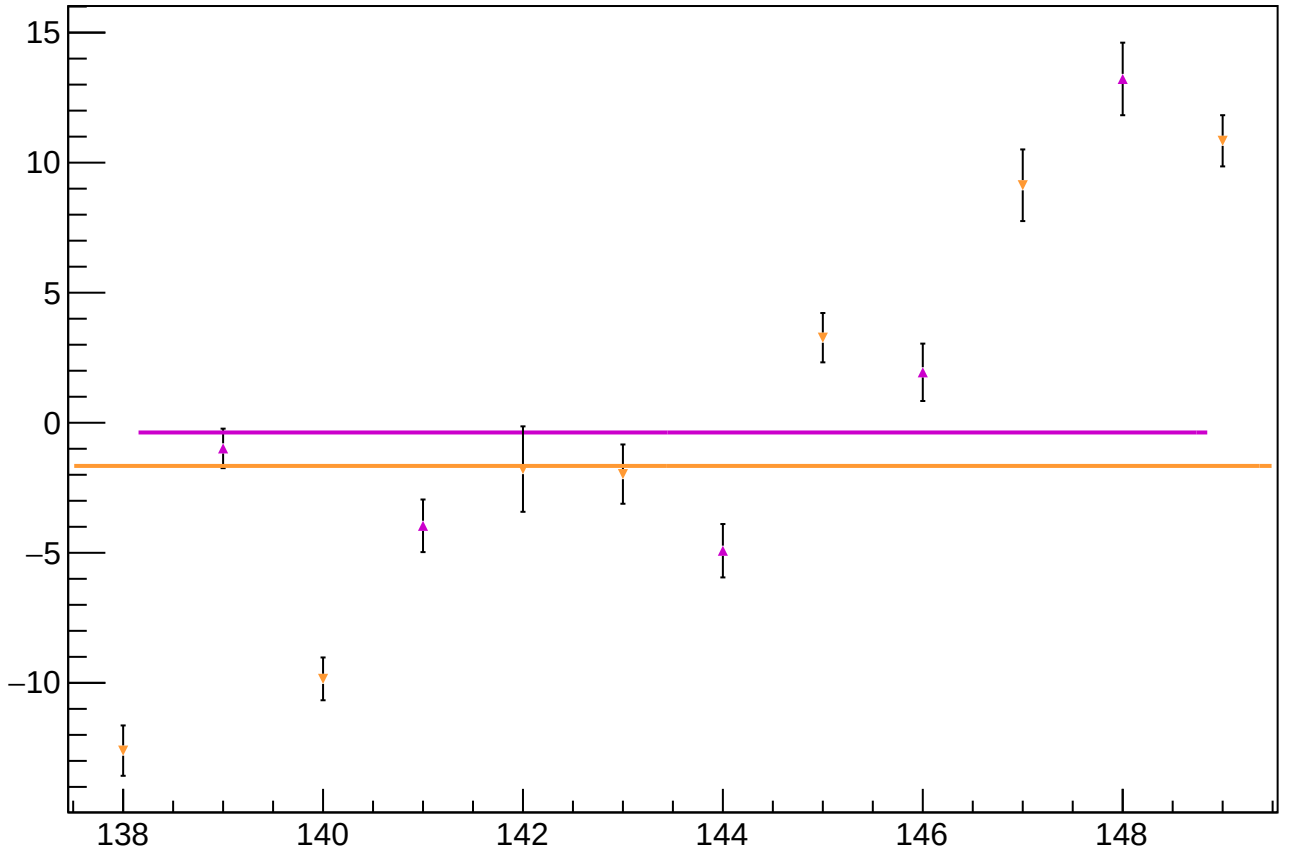
Left: -0.280+/-0.026 χ^2/NDF: 239.7/11

Right: -1.295+/-0.033 χ^2/NDF: 1552.8/35

In: -0.697+/-0.031 χ^2/NDF:853.4/21

Out: -0.656+/-0.028 χ^2/NDF:1509.8/25

All: -0.675+/-0.021 χ^2/NDF: 2364.2/47



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

Left Out: -1.660+/-0.397 χ^2/NDF:476.7/6

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

Left In: -0.374+/-0.447 χ^2/NDF:132.3/4

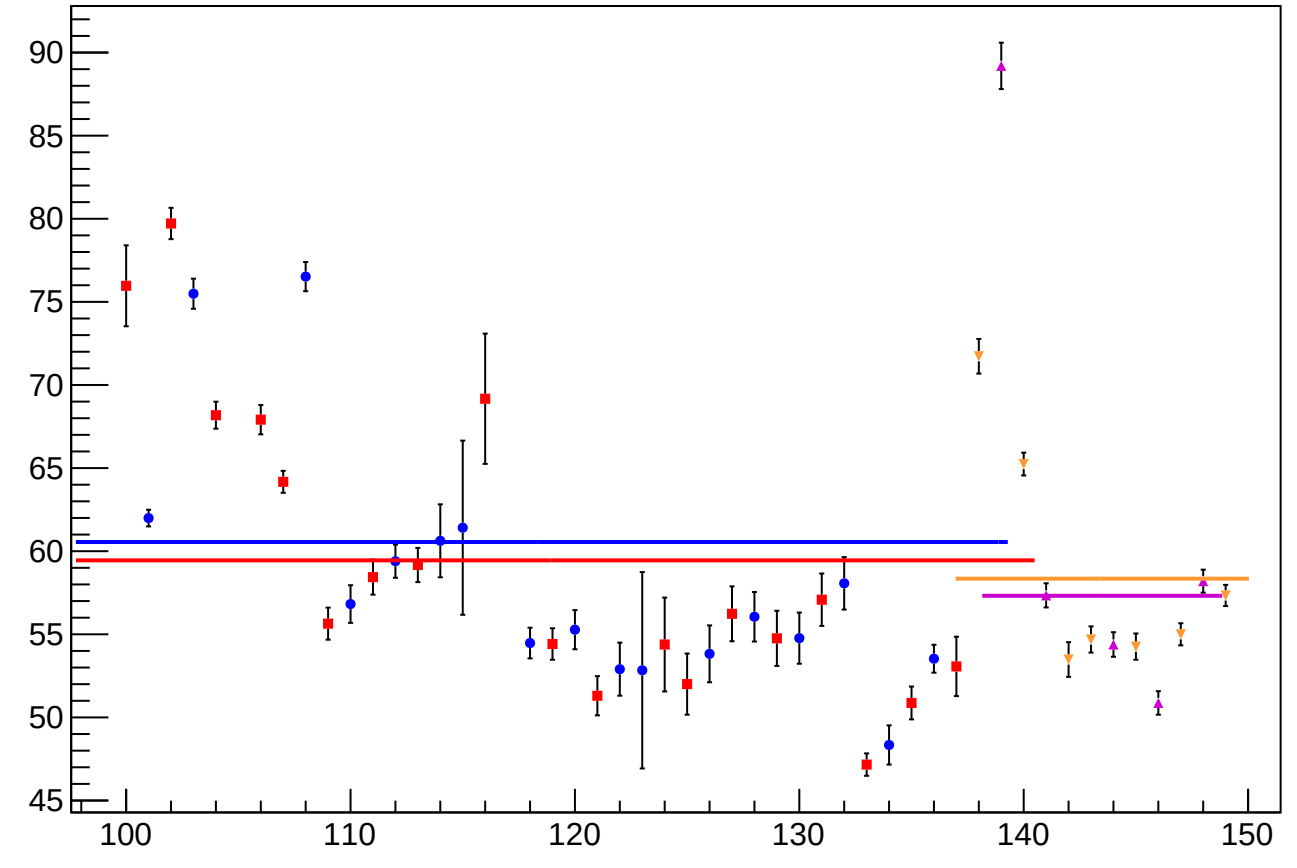
Left: -1.093+/-0.297 χ^2/NDF: 613.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.374+/-0.447 χ^2/NDF:132.3/4

Out: -1.660+/-0.397 χ^2/NDF:476.7/6

All: -1.093+/-0.297 χ^2/NDF: 613.6/11



Right In: 60.552+/-0.262 χ^2/NDF: 931.0/16

Left Out: 58.348+/-0.290 χ^2/NDF:364.0/6

Right Out: 59.449+/-0.248 χ^2/NDF: 1321.3/18

Left In: 57.318+/-0.347 χ^2/NDF:621.8/4

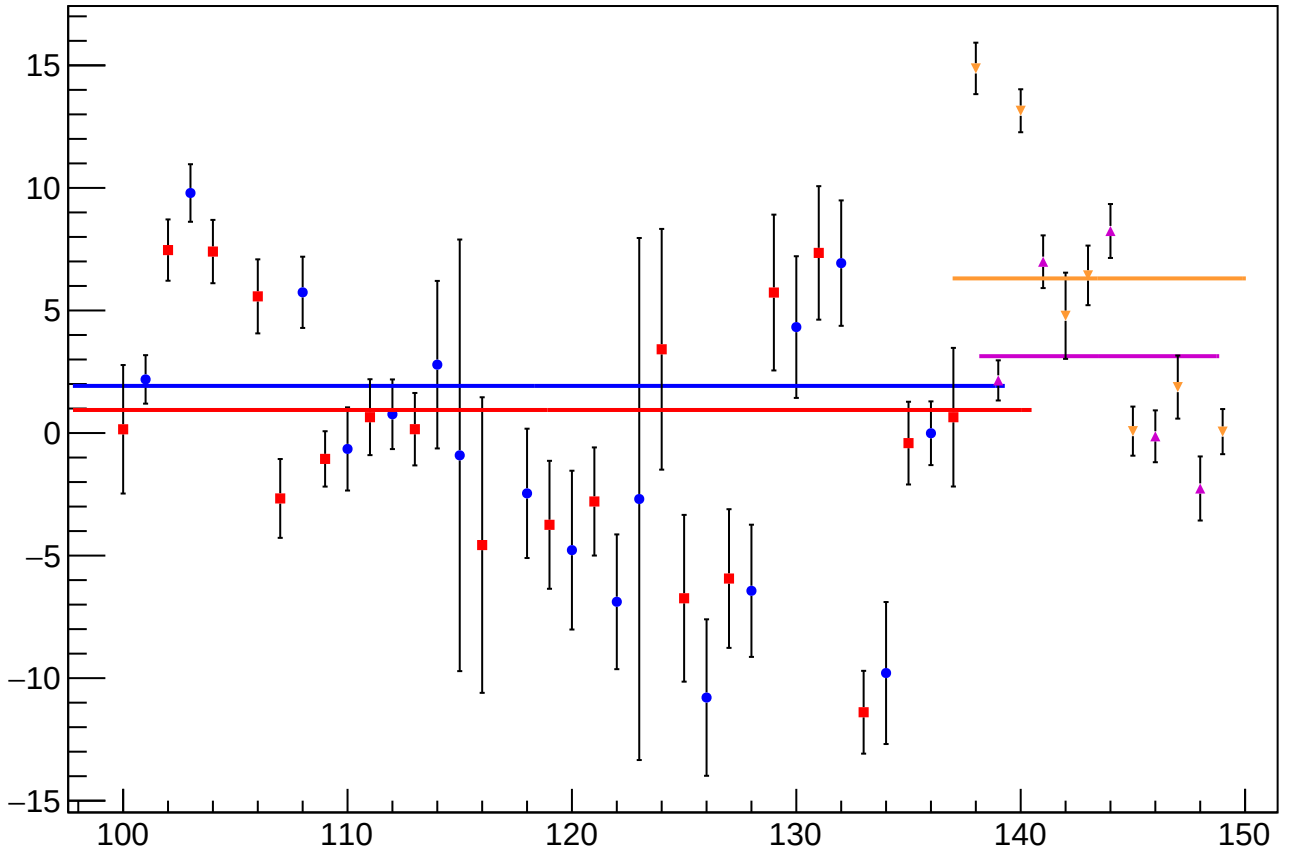
Left: 57.924+/-0.222 χ^2/NDF: 990.9/11

Right: 59.970+/-0.180 χ^2/NDF: 2261.6/35

In: 59.378+/-0.209 χ^2/NDF:1608.2/21

Out: 58.985+/-0.188 χ^2/NDF:1693.6/25

All: 59.161+/-0.140 χ^2/NDF: 3303.7/47



Right In: 1.923+/-0.458 χ^2/NDF: 121.1/16

Left Out: 6.308+/-0.409 χ^2/NDF:224.9/6

Right Out: 0.941+/-0.424 χ^2/NDF: 150.2/18

Left In: 3.136+/-0.463 χ^2/NDF:62.5/4

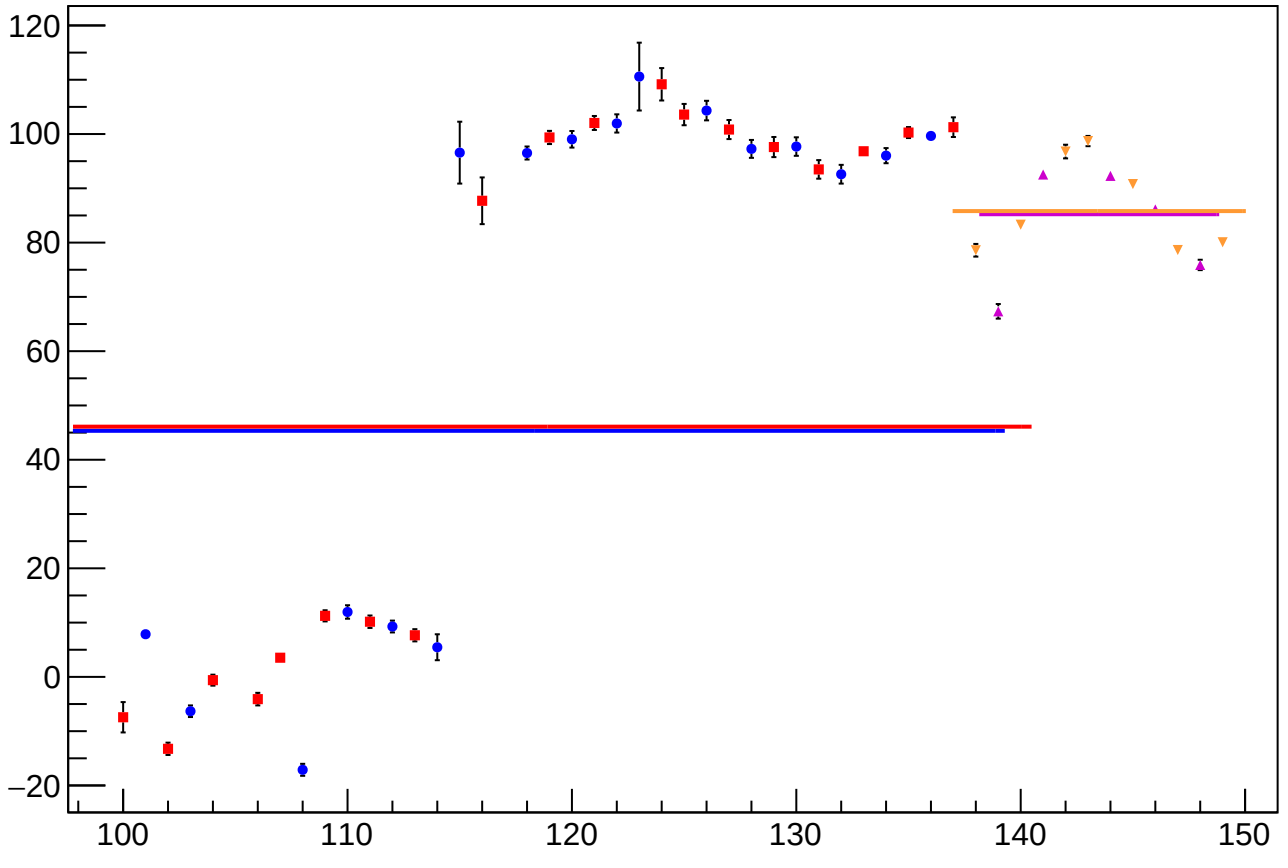
Left: 4.919+/-0.306 χ^2/NDF: 313.7/11

Right: 1.394+/-0.311 χ^2/NDF: 273.7/35

In: 2.523+/-0.326 χ^2/NDF:187.0/21

Out: 3.723+/-0.294 χ^2/NDF:458.2/25

All: 3.184+/-0.218 χ^2/NDF: 652.6/47



Right In: 45.331+/-0.304 χ^2/NDF: 25006.9/16

Left Out: 85.806+/-0.352 χ^2/NDF:458.5/6

Right Out: 46.094+/-0.289 χ^2/NDF: 28267.6/18

Left In: 85.228+/-0.423 χ^2/NDF:409.1/4

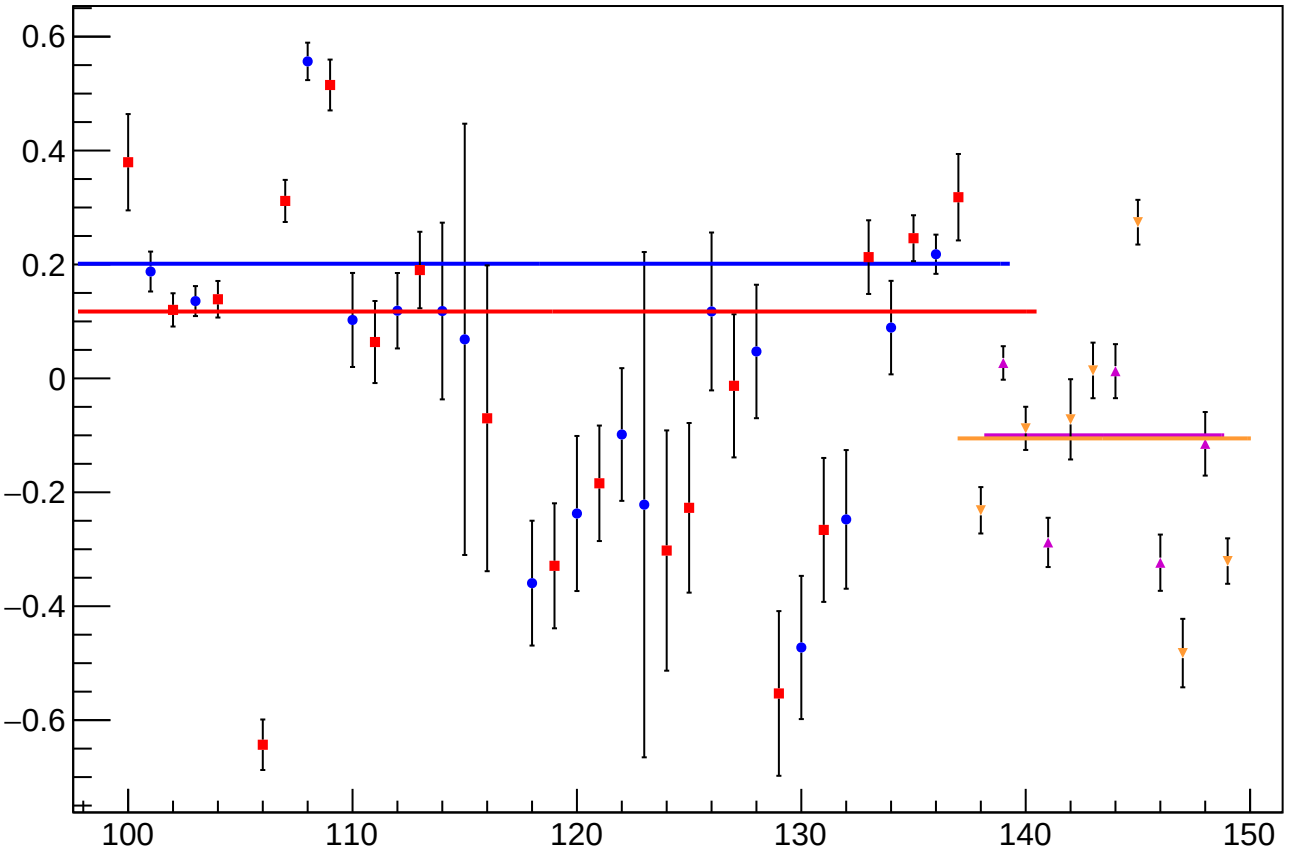
Left: 85.570+/-0.270 χ^2/NDF: 868.8/11

Right: 45.731+/-0.209 χ^2/NDF: 53277.7/35

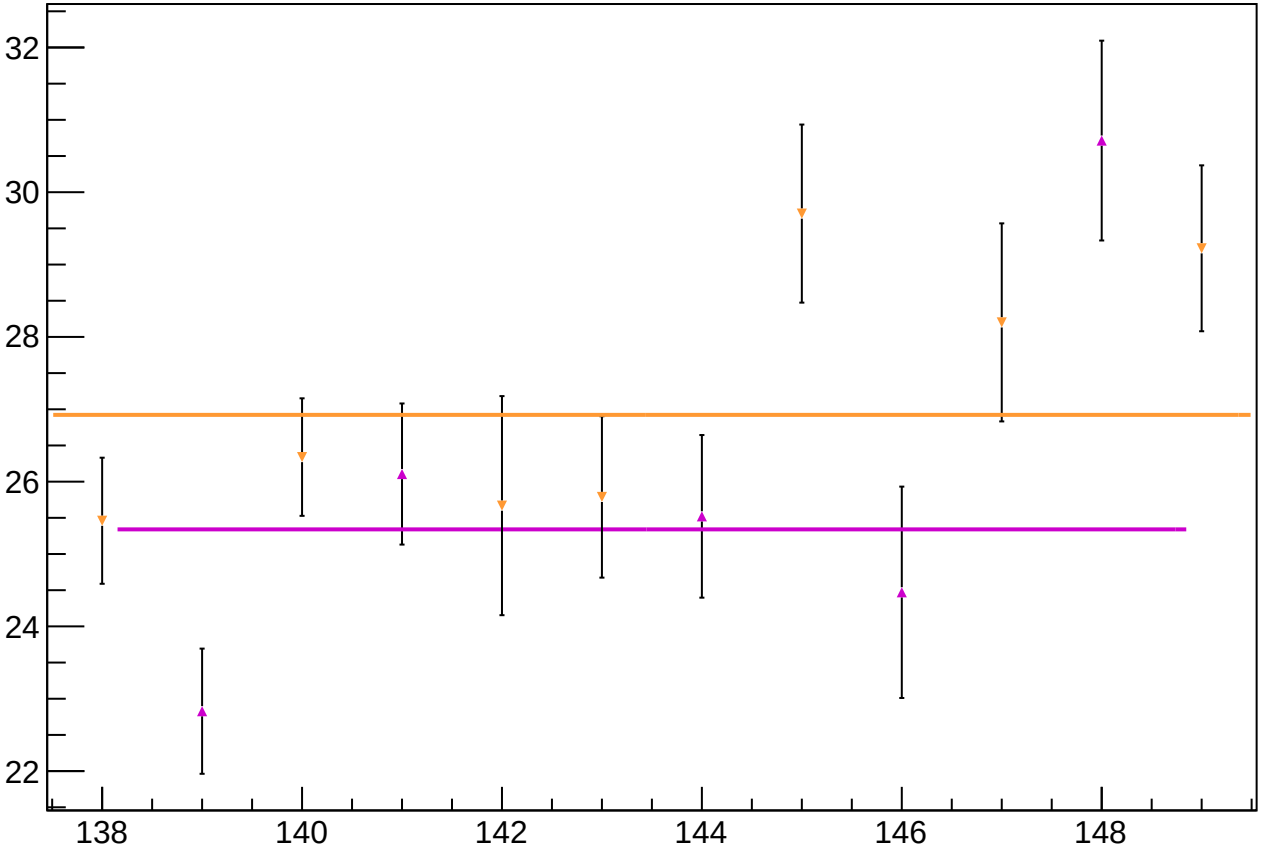
In: 58.898+/-0.247 χ^2/NDF:31288.7/21

Out: 62.123+/-0.223 χ^2/NDF:36337.0/25

All: 60.670+/-0.166 χ^2/NDF: 67719.6/47


reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
110
120
130
140
150
Right In: 0.201+/-0.014 χ²/NDF: 217.3/16
Left Out: -0.105+/-0.017 χ²/NDF:178.0/6
Right Out: 0.117+/-0.013 χ²/NDF: 499.5/18
Left In: -0.100+/-0.019 χ²/NDF:63.7/4
Left: -0.103+/-0.013 χ²/NDF: 241.8/11
Right: 0.156+/-0.010 χ²/NDF: 735.9/35
In: 0.093+/-0.011 χ²/NDF:447.2/21
Out: 0.035+/-0.010 χ²/NDF:786.0/25
All: 0.061+/-0.008 χ²/NDF: 1247.5/47

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.923+/-0.407 χ^2/NDF:15.1/6

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

Left In: 25.340+/-0.489 χ^2/NDF:24.6/4

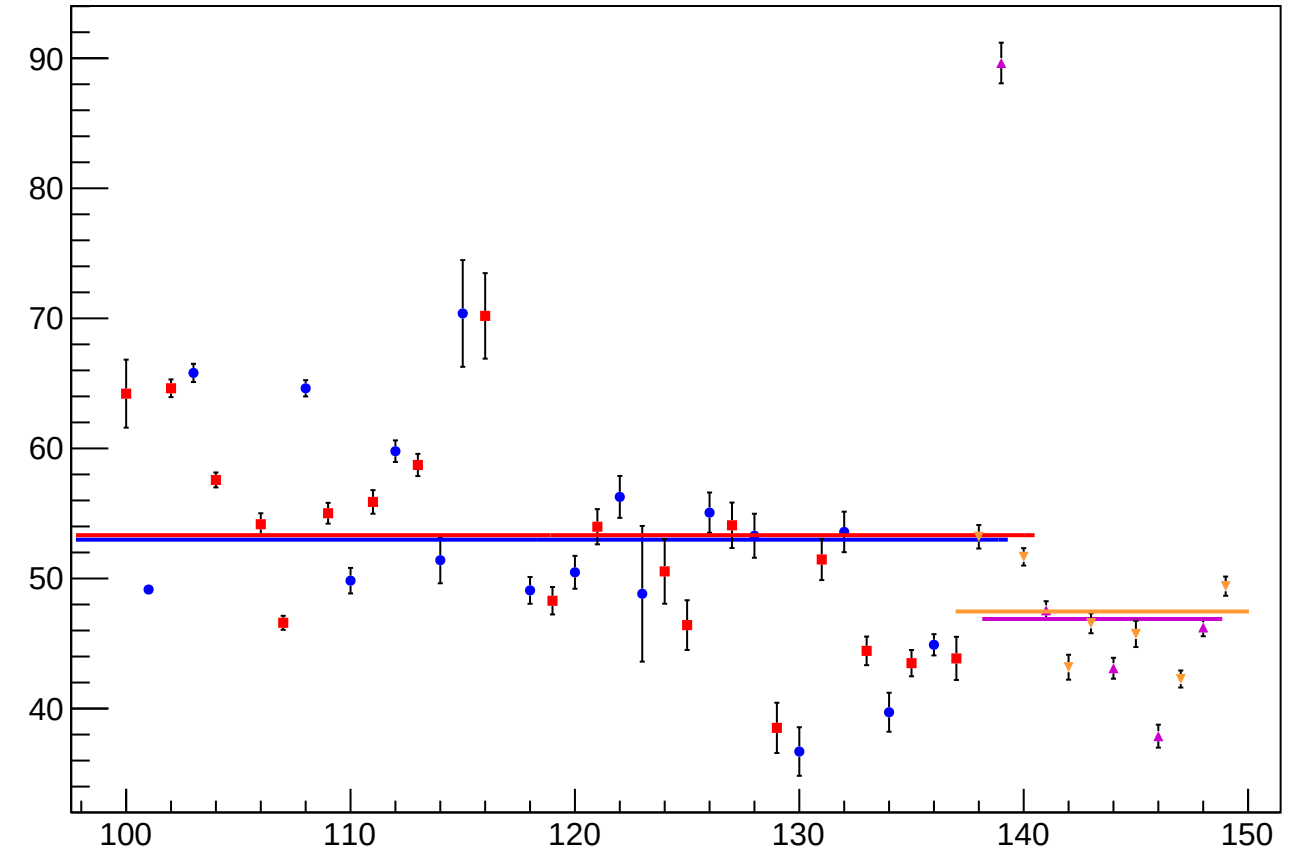
Left: 26.276+/-0.313 χ^2/NDF: 45.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.340+/-0.489 χ^2/NDF:24.6/4

Out: 26.923+/-0.407 χ^2/NDF:15.1/6

All: 26.276+/-0.313 χ^2/NDF: 45.8/11



Right In: 52.985+/-0.210 χ^2/NDF: 1197.9/16

Left Out: 47.462+/-0.296 χ^2/NDF:173.8/6

Right Out: 53.330+/-0.227 χ^2/NDF: 873.8/18

Left In: 46.888+/-0.366 χ^2/NDF:876.2/4

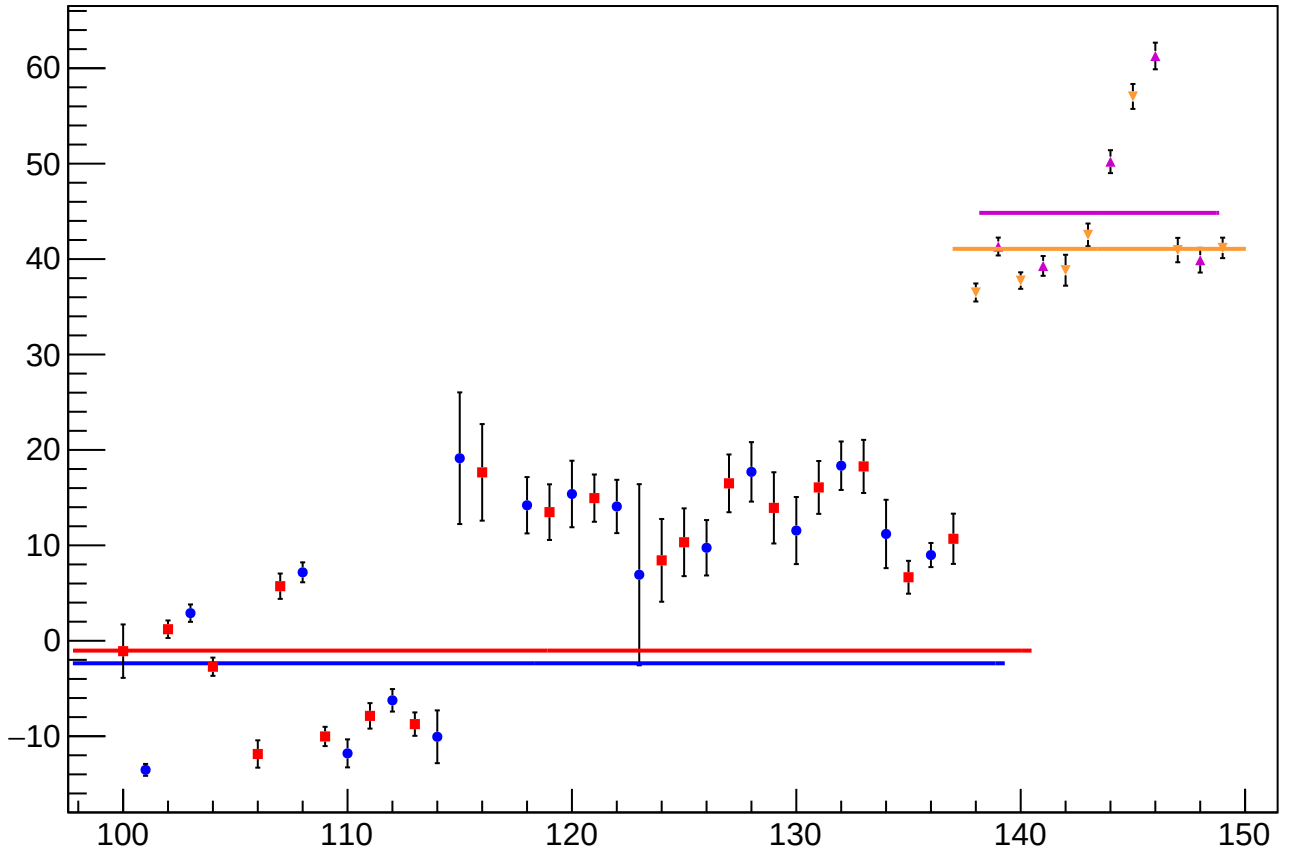
Left: 47.234+/-0.230 χ^2/NDF: 1051.4/11

Right: 53.145+/-0.154 χ^2/NDF: 2073.0/35

In: 51.470+/-0.182 χ^2/NDF:2282.9/21

Out: 51.166+/-0.180 χ^2/NDF:1295.1/25

All: 51.316+/-0.128 χ^2/NDF: 3579.4/47



Right In: -2.360+/-0.364 χ^2/NDF: 837.7/16

Left Out: 41.072+/-0.422 χ^2/NDF:191.4/6

Right Out: -1.030+/-0.377 χ^2/NDF: 507.8/18

Left In: 44.842+/-0.508 χ^2/NDF:216.4/4

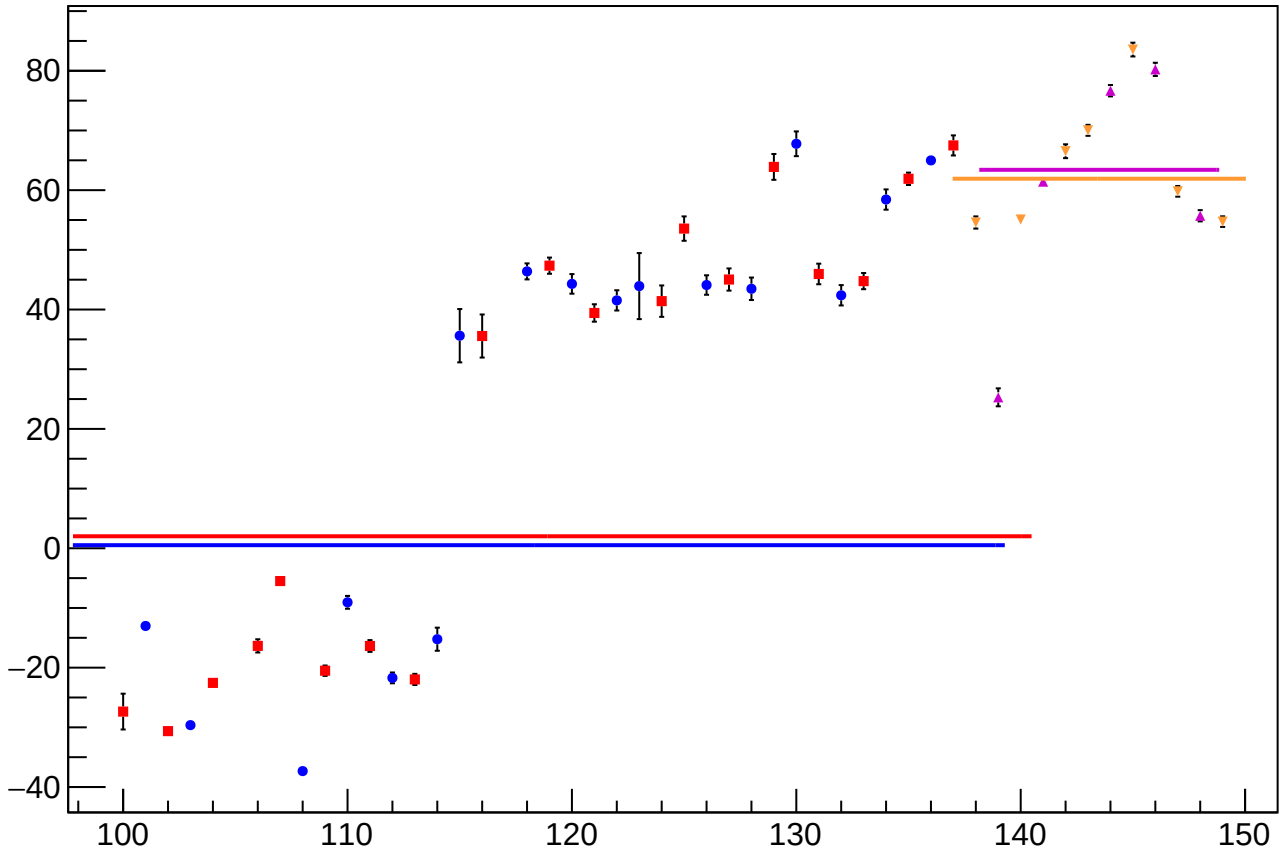
Left: 42.612+/-0.325 χ^2/NDF: 440.3/11

Right: -1.717+/-0.262 χ^2/NDF: 1352.0/35

In: 13.659+/-0.296 χ^2/NDF:6756.6/21

Out: 17.643+/-0.281 χ^2/NDF:6236.5/25

All: 15.754+/-0.204 χ^2/NDF: 13088.4/47



Right In: 0.518+/-0.247 χ^2/NDF: 18386.0/16

Left Out: 61.918+/-0.361 χ^2/NDF:637.2/6

Right Out: 2.013+/-0.266 χ^2/NDF: 15473.7/18

Left In: 63.409+/-0.451 χ^2/NDF:1138.0/4

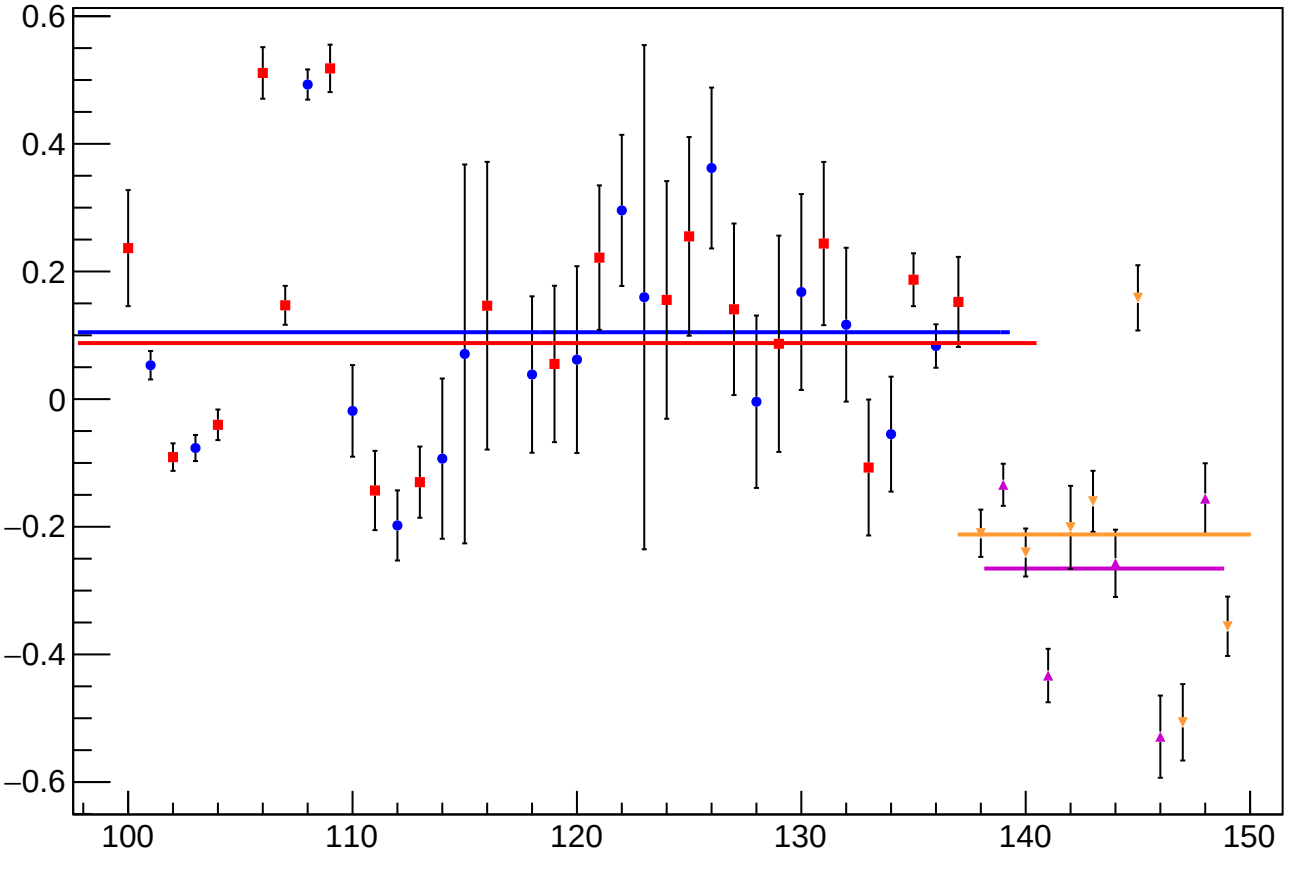
Left: 62.500+/-0.282 χ^2/NDF: 1781.8/11

Right: 1.209+/-0.181 χ^2/NDF: 33876.6/35

In: 15.005+/-0.217 χ^2/NDF:34467.0/21

Out: 23.096+/-0.214 χ^2/NDF:33914.3/25

All: 19.092+/-0.152 χ^2/NDF: 69085.9/47



Right In: 0.105+/-0.011 χ^2/NDF: 400.8/16

Left Out: -0.212+/-0.018 χ^2/NDF:88.1/6

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.265+/-0.020 χ^2/NDF:52.5/4

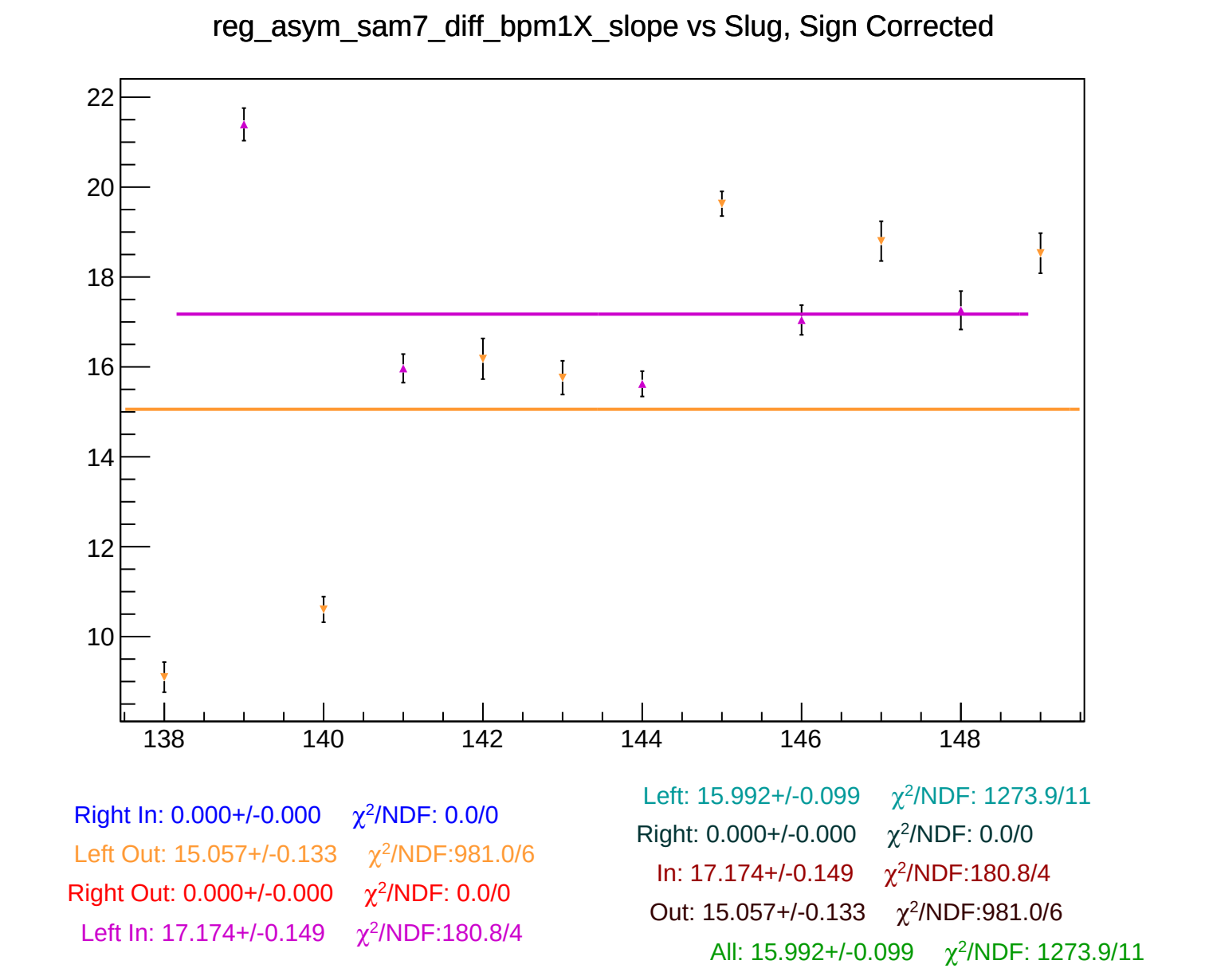
Left: -0.235+/-0.013 χ^2/NDF: 144.5/11

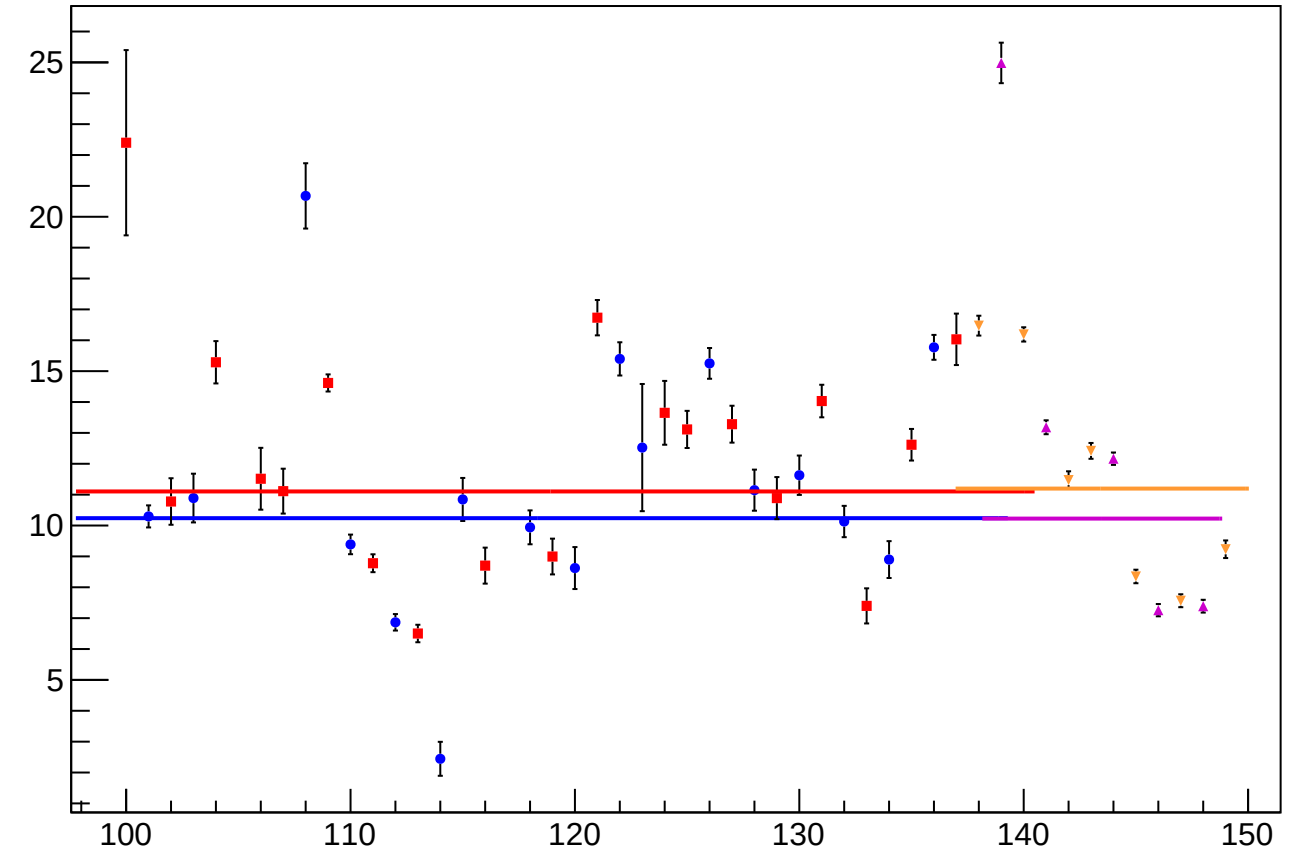
Right: 0.096+/-0.008 χ^2/NDF: 793.0/35

In: 0.021+/-0.010 χ^2/NDF:709.2/21

Out: 0.003+/-0.009 χ^2/NDF:688.3/25

All: 0.012+/-0.007 χ^2/NDF: 1399.1/47


reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected
22
20
18
16
14
12
10
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 15.057+/-0.133 χ²/NDF:981.0/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 17.174+/-0.149 χ²/NDF:180.8/4
Left: 15.992+/-0.099 χ²/NDF: 1273.9/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 17.174+/-0.149 χ²/NDF:180.8/4
Out: 15.057+/-0.133 χ²/NDF:981.0/6
All: 15.992+/-0.099 χ²/NDF: 1273.9/11



Right In: 10.238+/-0.119 χ^2/NDF: 867.4/16

Left Out: 11.197+/-0.095 χ^2/NDF:1274.8/6

Right Out: 11.104+/-0.116 χ^2/NDF: 815.2/18

Left In: 10.225+/-0.102 χ^2/NDF:1181.1/4

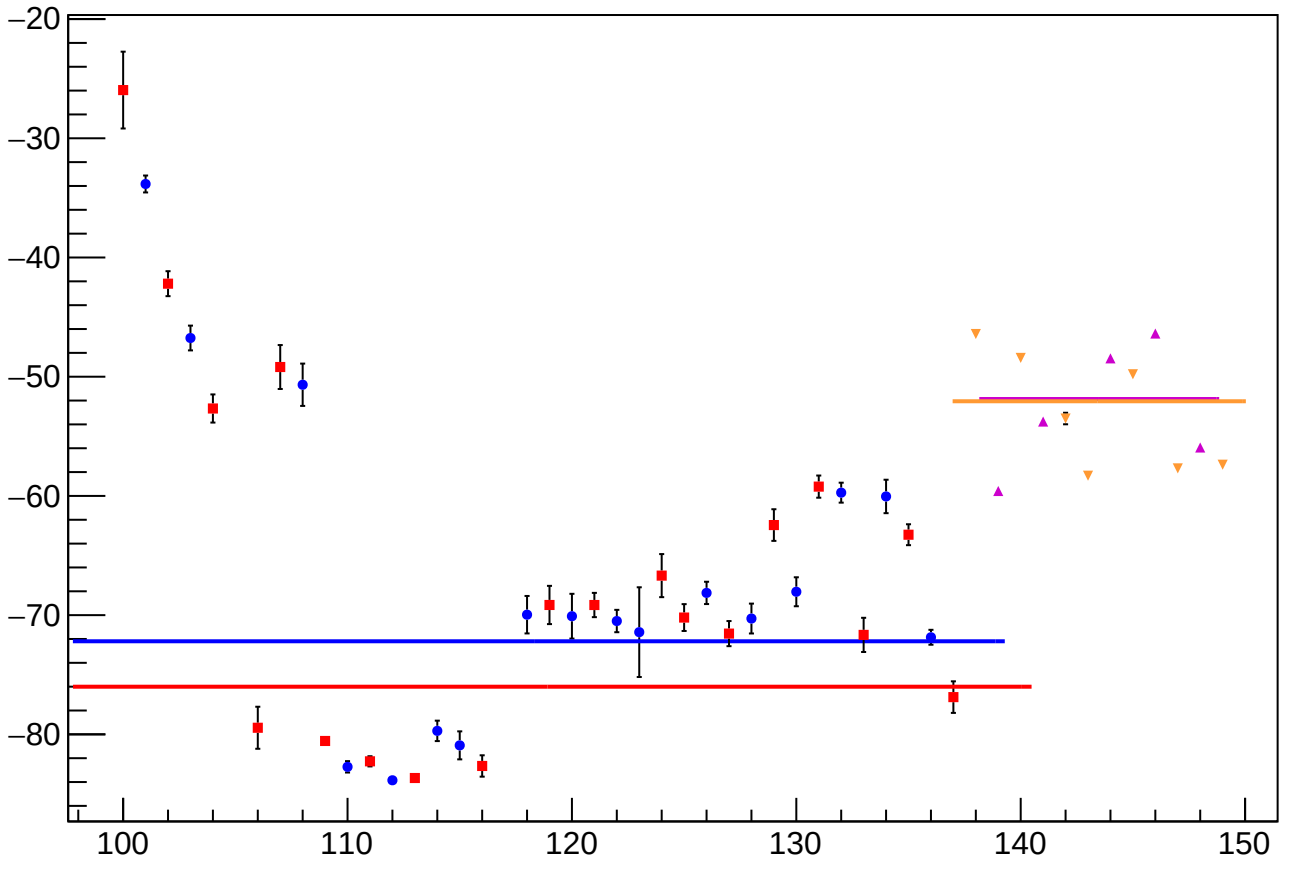
Left: 10.749+/-0.069 χ^2/NDF: 2504.5/11

Right: 10.681+/-0.083 χ^2/NDF: 1709.6/35

In: 10.230+/-0.078 χ^2/NDF:2048.5/21

Out: 11.160+/-0.073 χ^2/NDF:2090.4/25

All: 10.721+/-0.053 χ^2/NDF: 4214.6/47



Right In: -72.192+/-0.198 χ^2/NDF: 5563.0/16

Left Out: -52.060+/-0.138 χ^2/NDF:1046.3/6

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.3/18

Left In: -51.871+/-0.153 χ^2/NDF:951.0/4

Left: -51.975+/-0.103 χ^2/NDF: 1998.2/11

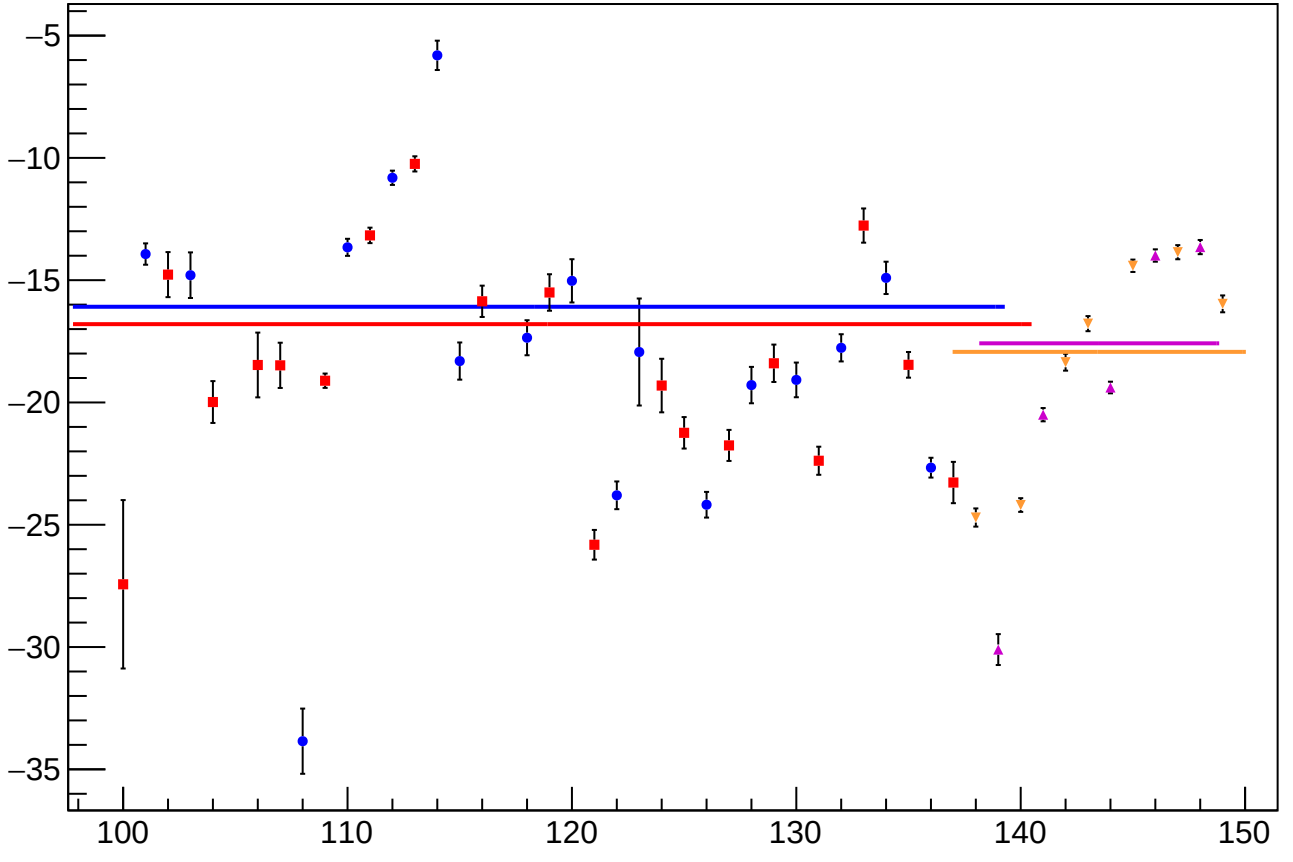
Right: -74.270+/-0.134 χ^2/NDF: 9230.0/35

In: -59.490+/-0.121 χ^2/NDF:13089.3/21

Out: -60.892+/-0.110 χ^2/NDF:15562.1/25

All: -60.260+/-0.081 χ^2/NDF: 28724.8/47

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087+/-0.132 χ^2/NDF: 1621.7/16

Left Out: -17.931+/-0.116 χ^2/NDF:1271.0/6

Right Out: -16.798+/-0.128 χ^2/NDF: 1214.0/18

Left In: -17.582+/-0.128 χ^2/NDF:950.4/4

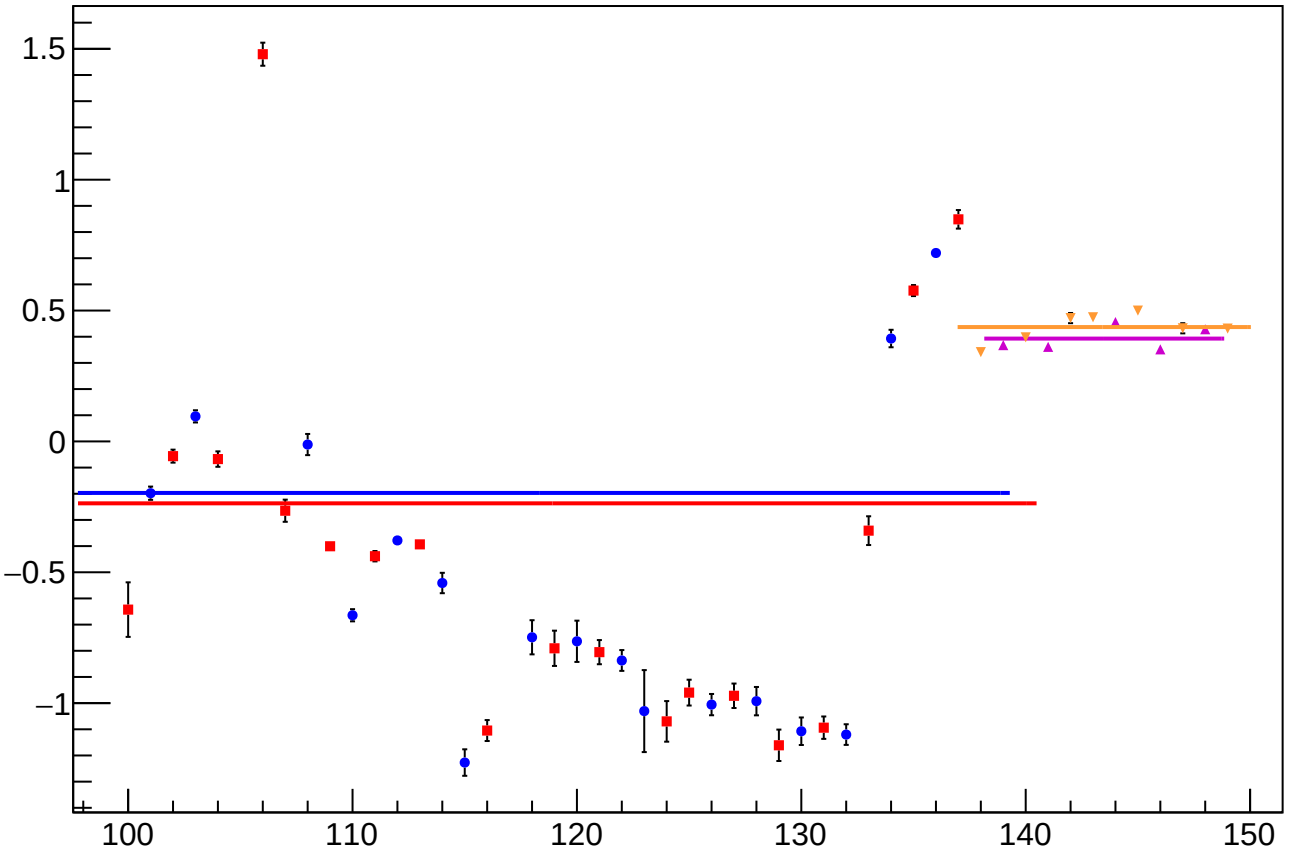
Left: -17.774+/-0.086 χ^2/NDF: 2225.4/11

Right: -16.454+/-0.092 χ^2/NDF: 2850.6/35

In: -16.860+/-0.092 χ^2/NDF:2638.0/21

Out: -17.423+/-0.086 χ^2/NDF:2528.0/25

All: -17.161+/-0.063 χ^2/NDF: 5186.0/47



Right In: -0.197+/-0.008 χ^2/NDF: 6329.9/16

Left Out: 0.437+/-0.006 χ^2/NDF:91.6/6

Right Out: -0.237+/-0.007 χ^2/NDF: 6220.2/18

Left In: 0.393+/-0.006 χ^2/NDF:44.0/4

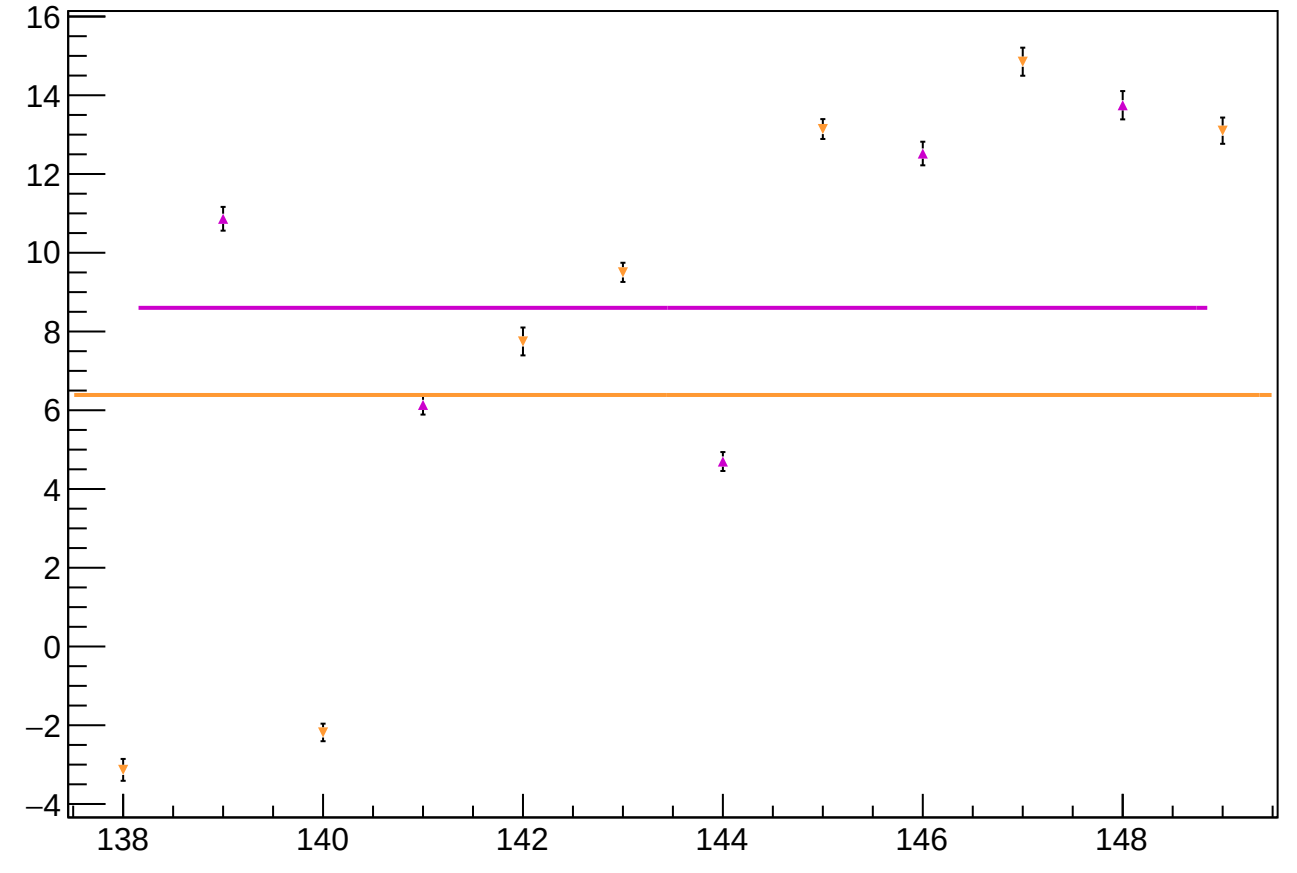
Left: 0.417+/-0.004 χ^2/NDF: 161.8/11

Right: -0.218+/-0.005 χ^2/NDF: 12564.6/35

In: 0.146+/-0.005 χ^2/NDF:9924.1/21

Out: 0.174+/-0.004 χ^2/NDF:11683.6/25

All: 0.161+/-0.003 χ^2/NDF: 21624.9/47



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

Left Out: 6.388+/-0.105 χ^2/NDF:4521.2/6

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

Left In: 8.601+/-0.125 χ^2/NDF:795.7/4

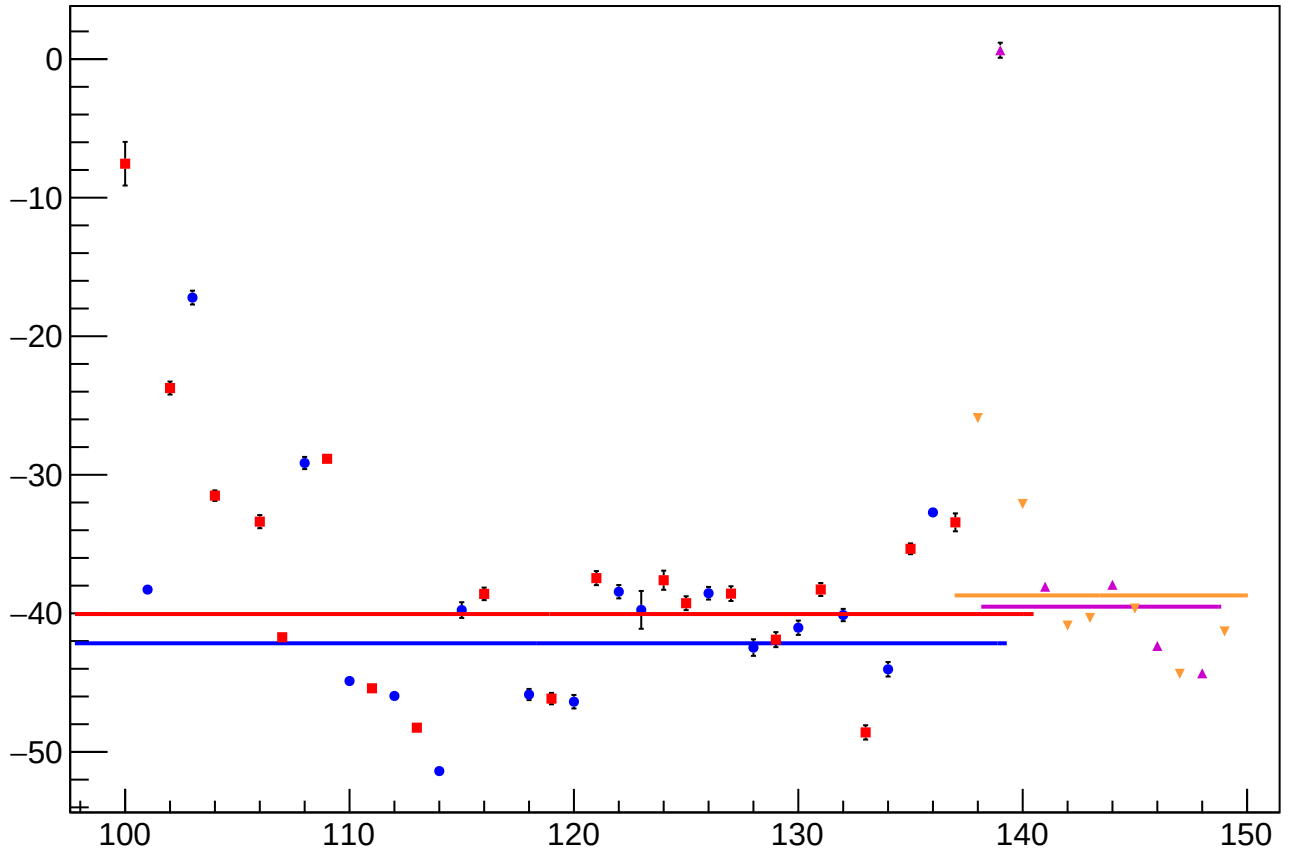
Left: 7.301+/-0.081 χ^2/NDF: 5500.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.601+/-0.125 χ^2/NDF:795.7/4

Out: 6.388+/-0.105 χ^2/NDF:4521.2/6

All: 7.301+/-0.081 χ^2/NDF: 5500.0/11



Right In: -42.160+/-0.078 χ^2/NDF: 6570.6/16

Left Out: -38.705+/-0.074 χ^2/NDF:5058.3/6

Right Out: -40.050+/-0.073 χ^2/NDF: 11311.3/18

Left In: -39.519+/-0.087 χ^2/NDF:6569.3/4

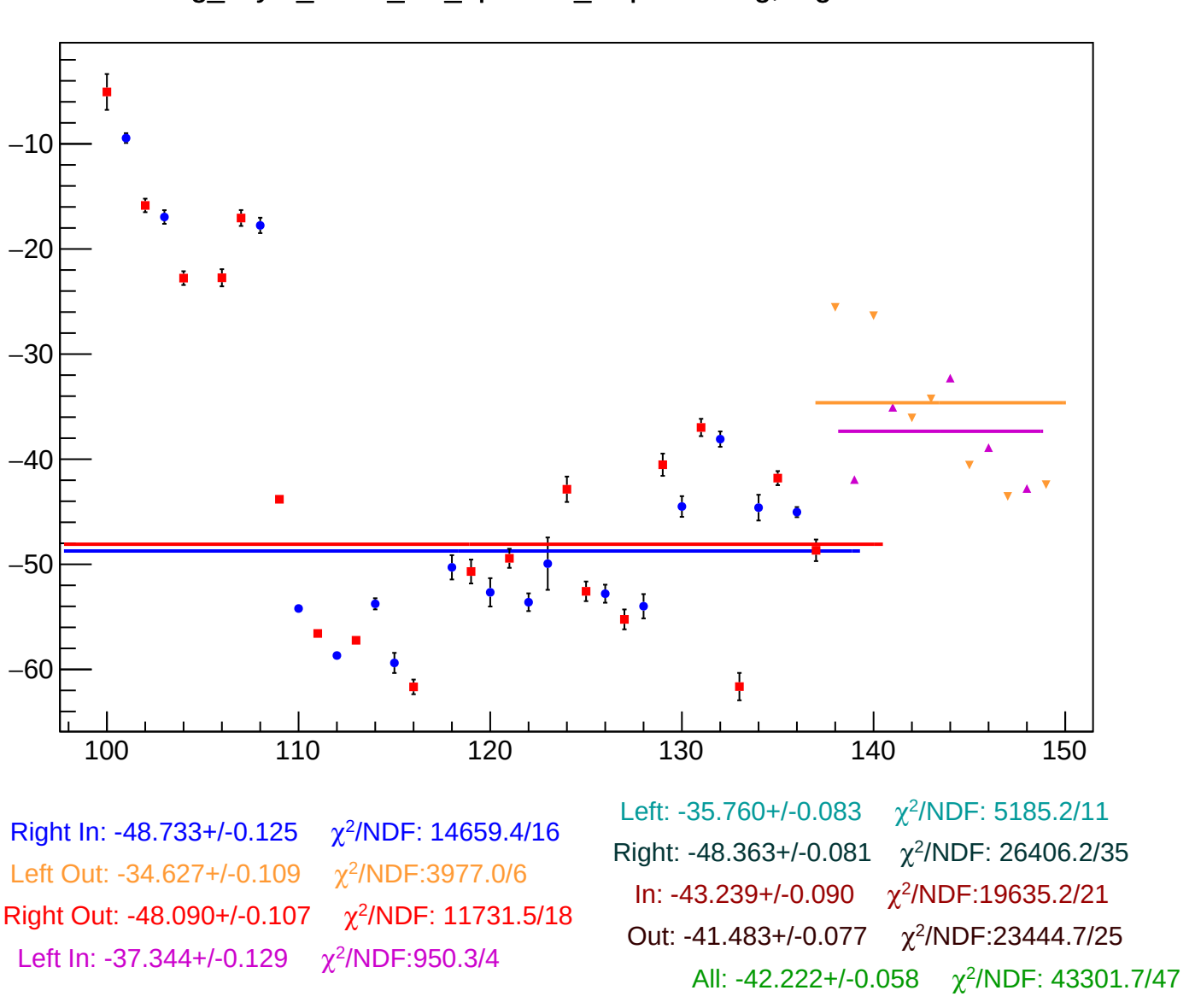
Left: -39.047+/-0.057 χ^2/NDF: 11678.0/11

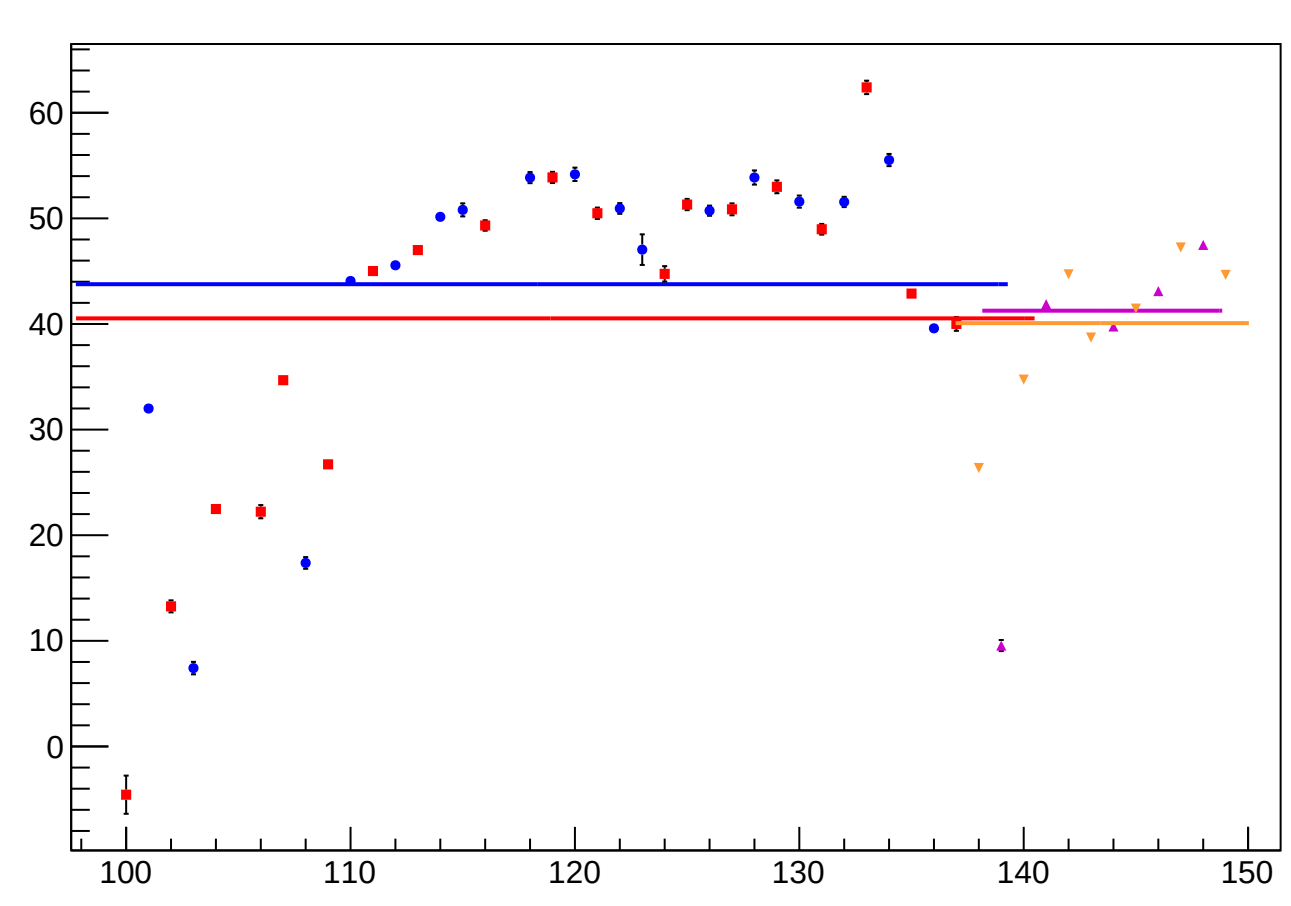
Right: -41.033+/-0.053 χ^2/NDF: 18273.5/35

In: -40.988+/-0.058 χ^2/NDF:13649.7/21

Out: -39.392+/-0.052 χ^2/NDF:16536.8/25

All: -40.102+/-0.039 χ^2/NDF: 30605.1/47


reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected
−10
−20
−30
−40
−50
−60
100
110
120
130
140
150
Right In: -48.733+/-0.125 χ²/NDF: 14659.4/16
Left Out: -34.627+/-0.109 χ²/NDF:3977.0/6
Right Out: -48.090+/-0.107 χ²/NDF: 11731.5/18
Left In: -37.344+/-0.129 χ²/NDF:950.3/4
Left: -35.760+/-0.083 χ²/NDF: 5185.2/11
Right: -48.363+/-0.081 χ²/NDF: 26406.2/35
In: -43.239+/-0.090 χ²/NDF:19635.2/21
Out: -41.483+/-0.077 χ²/NDF:23444.7/25
All: -42.222+/-0.058 χ²/NDF: 43301.7/47



Right In: 43.767+/-0.087 χ^2/NDF: 10633.5/16

Left Out: 40.082+/-0.091 χ^2/NDF:4173.3/6

Right Out: 40.531+/-0.080 χ^2/NDF: 17580.8/18

Left In: 41.259+/-0.108 χ^2/NDF:4429.0/4

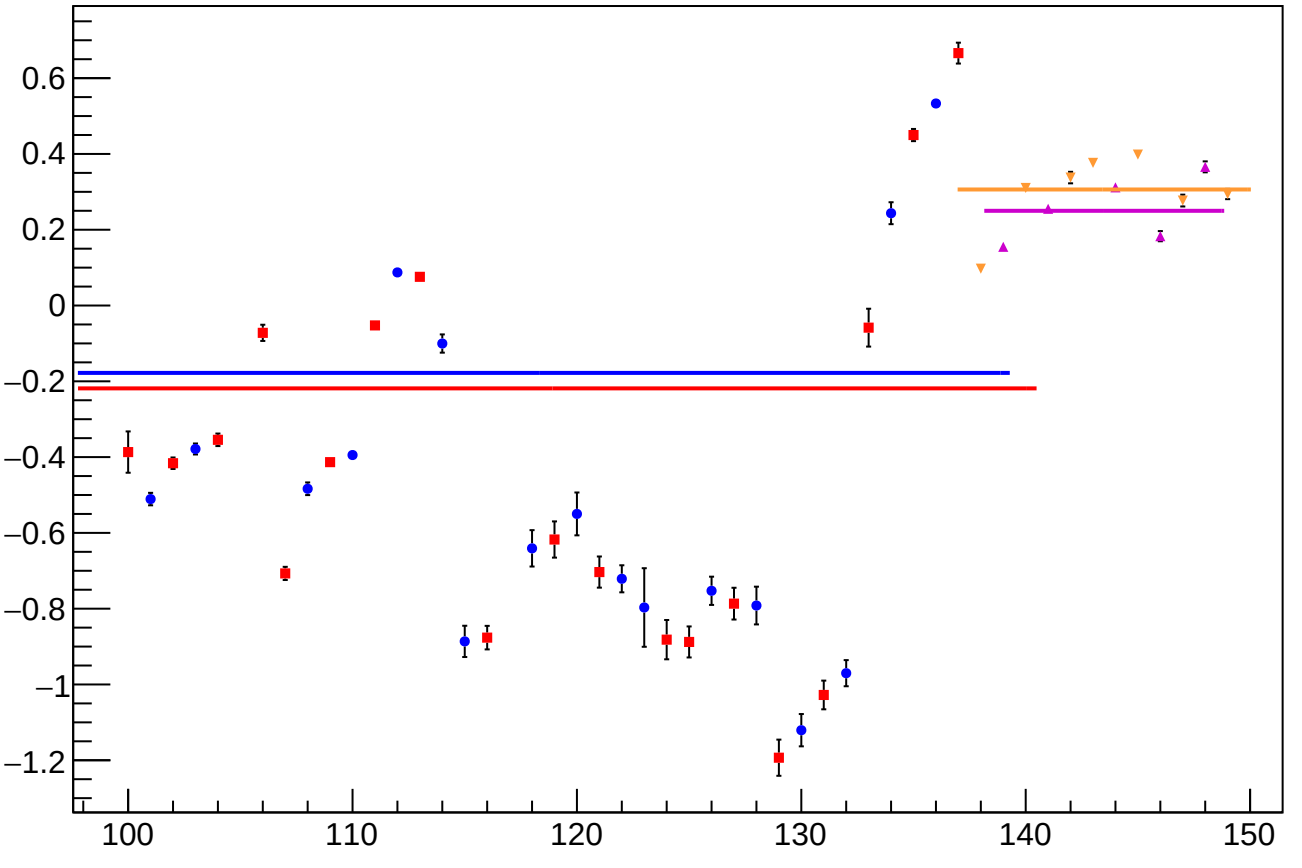
Left: 40.569+/-0.070 χ^2/NDF: 8671.6/11

Right: 42.021+/-0.059 χ^2/NDF: 28963.8/35

In: 42.785+/-0.068 χ^2/NDF:15389.3/21

Out: 40.335+/-0.060 χ^2/NDF:21767.8/25

All: 41.415+/-0.045 χ^2/NDF: 37889.1/47



Right In: -0.178+/-0.005 χ^2/NDF: 7364.4/16

Left Out: 0.306+/-0.005 χ^2/NDF:436.5/6

Right Out: -0.219+/-0.004 χ^2/NDF: 7465.2/18

Left In: 0.250+/-0.005 χ^2/NDF:188.1/4

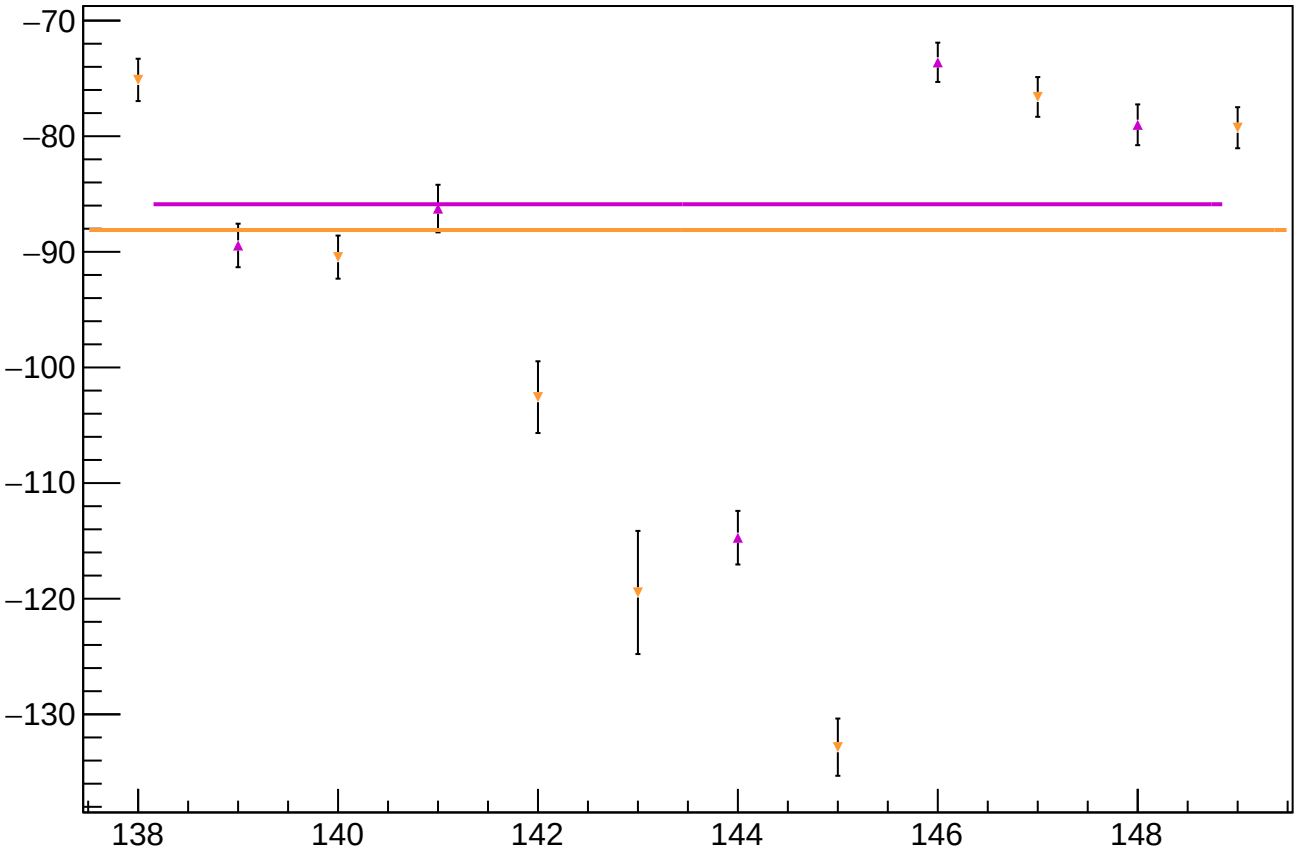
Left: 0.283+/-0.003 χ^2/NDF: 688.7/11

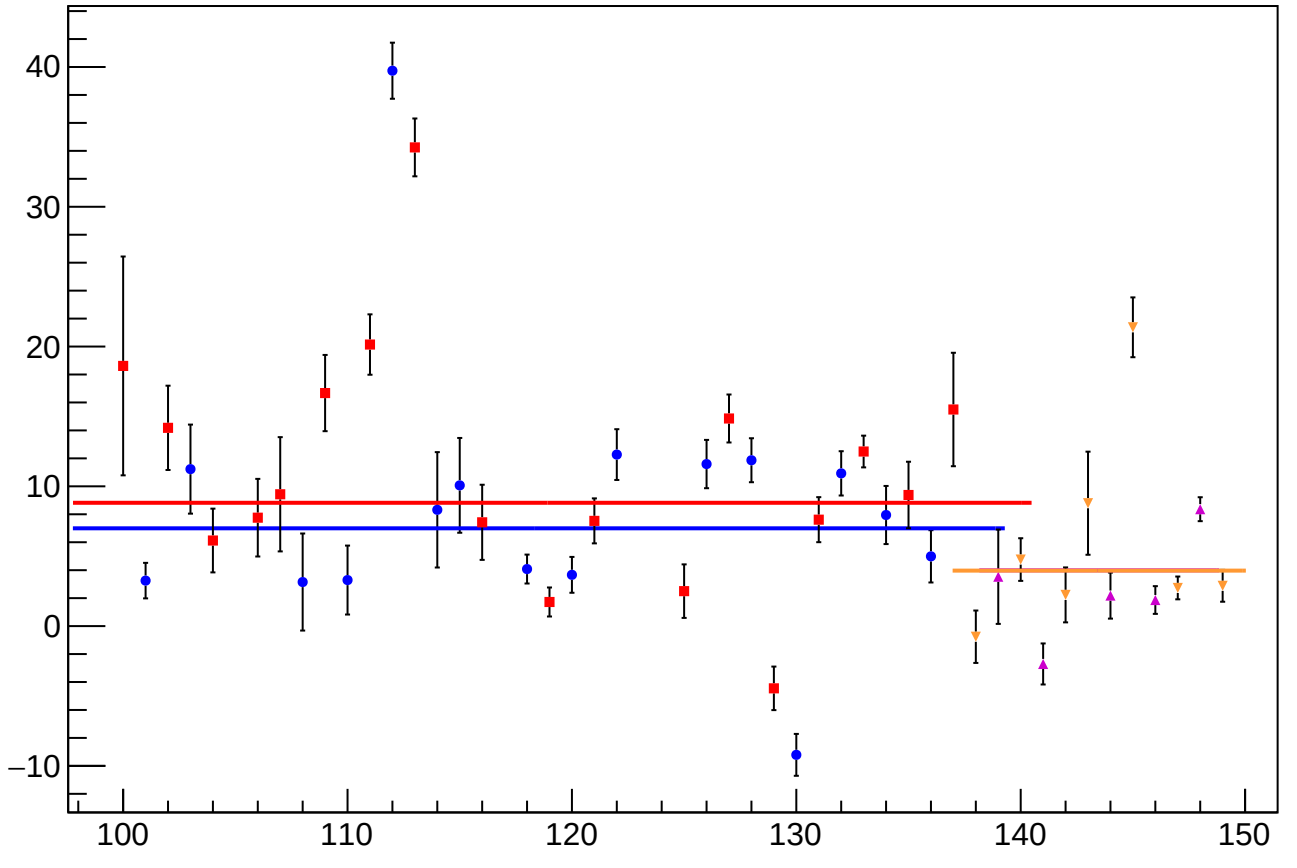
Right: -0.201+/-0.003 χ^2/NDF: 14869.5/35

In: 0.014+/-0.004 χ^2/NDF:11056.6/21

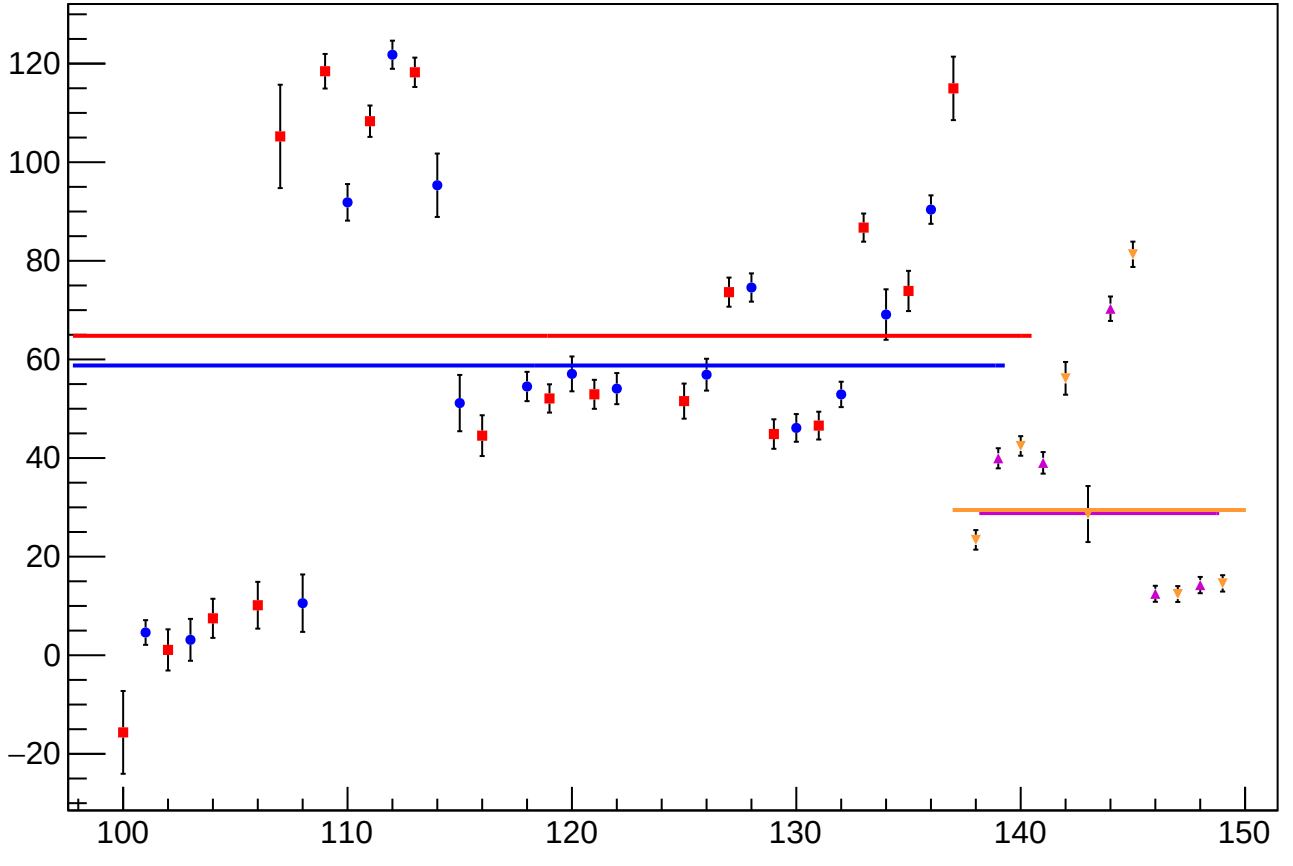
Out: 0.029+/-0.003 χ^2/NDF:14942.0/25

All: 0.023+/-0.002 χ^2/NDF: 26008.6/47


reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected
−70
−80
−90
−100
−110
−120
−130
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -88.112+/-0.805 χ²/NDF:504.3/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -85.884+/-0.853 χ²/NDF:225.8/4
Left: -87.063+/-0.585 χ²/NDF: 733.8/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -85.884+/-0.853 χ²/NDF:225.8/4
Out: -88.112+/-0.805 χ²/NDF:504.3/6
All: -87.063+/-0.585 χ²/NDF: 733.8/11


reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected
40
30
20
10
0
−10
100
110
120
130
140
150
Right In: 6.996+/-0.434 χ²/NDF: 445.3/15
Left Out: 3.970+/-0.532 χ²/NDF:78.5/6
Right Out: 8.822+/-0.449 χ²/NDF: 350.4/17
Left In: 3.988+/-0.550 χ²/NDF:52.7/4
Left: 3.978+/-0.382 χ²/NDF: 131.2/11
Right: 7.879+/-0.312 χ²/NDF: 804.3/33
In: 5.842+/-0.341 χ²/NDF:516.5/20
Out: 6.803+/-0.343 χ²/NDF:477.6/24
All: 6.320+/-0.242 χ²/NDF: 998.0/45

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2/NDF: 1493.3/15

Left Out: 29.459+/-0.808 χ^2/NDF:717.6/6

Right Out: 64.792+/-0.840 χ^2/NDF: 1718.1/17

Left In: 28.837+/-0.858 χ^2/NDF:510.7/4

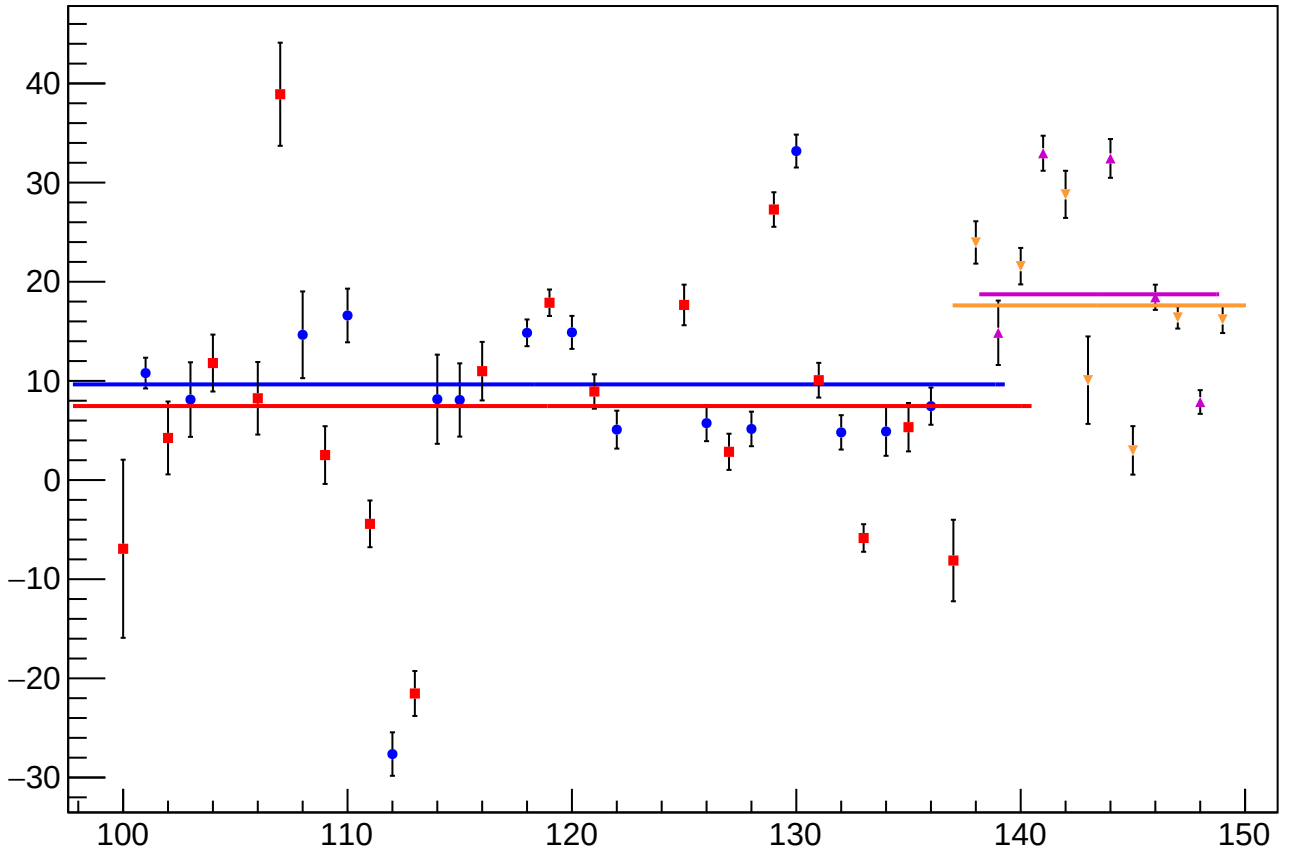
Left: 29.167+/-0.588 χ^2/NDF: 1228.6/11

Right: 61.754+/-0.592 χ^2/NDF: 3237.3/33

In: 44.253+/-0.598 χ^2/NDF:2630.4/20

Out: 46.426+/-0.582 χ^2/NDF:3354.2/24

All: 45.367+/-0.417 χ^2/NDF: 5991.4/45



Right In: 9.648+/-0.502 χ^2/NDF: 553.6/15

Left Out: 17.616+/-0.670 χ^2/NDF:76.5/6

Right Out: 7.463+/-0.516 χ^2/NDF: 566.9/17

Left In: 18.735+/-0.708 χ^2/NDF:197.9/4

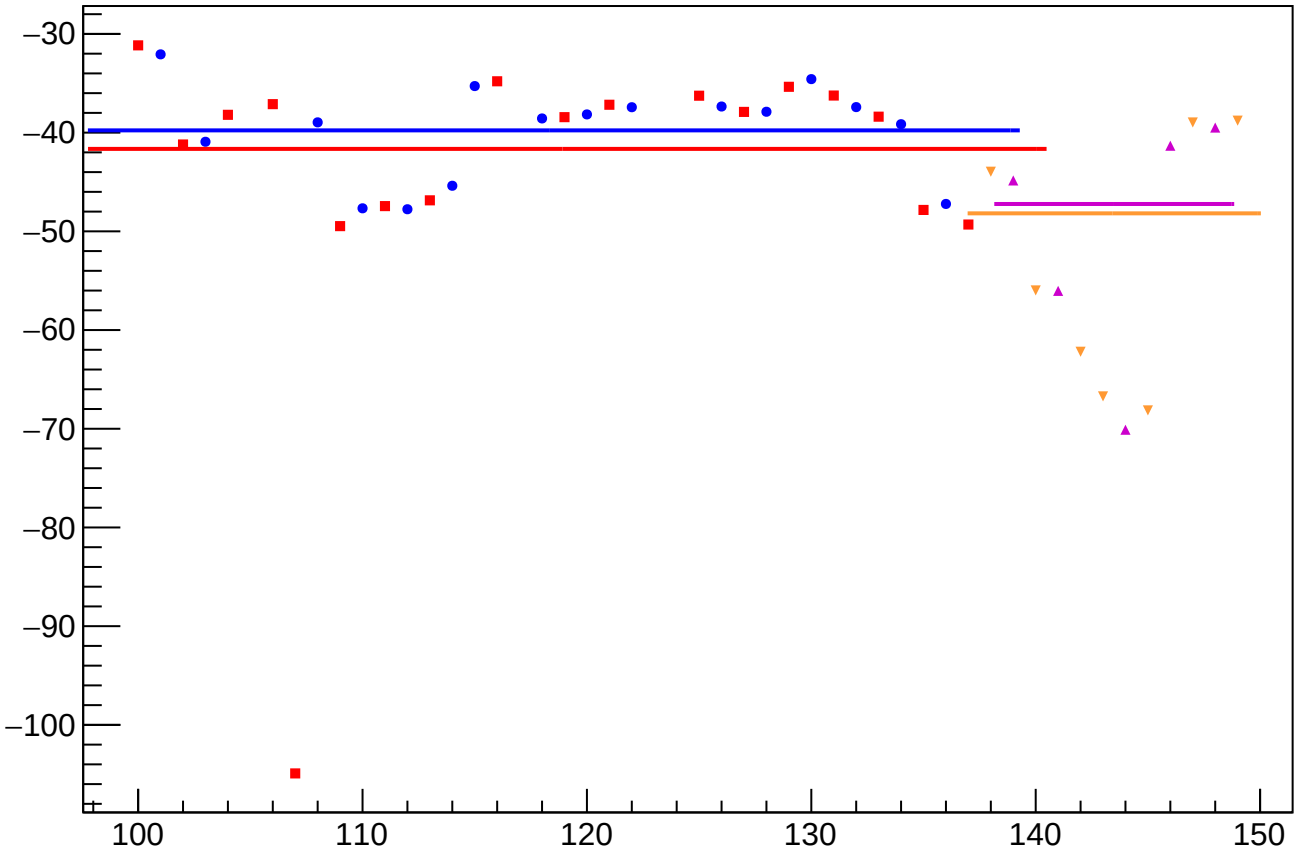
Left: 18.145+/-0.486 χ^2/NDF: 275.7/11

Right: 8.585+/-0.360 χ^2/NDF: 1129.6/33

In: 12.689+/-0.410 χ^2/NDF:861.1/20

Out: 11.242+/-0.409 χ^2/NDF:787.7/24

All: 11.964+/-0.289 χ^2/NDF: 1655.1/45



Right In: -39.771+/-0.031 χ^2/NDF: 26176.5/15

Left Out: -48.177+/-0.035 χ^2/NDF:99032.9/6

Right Out: -41.647+/-0.031 χ^2/NDF: 94514.5/17

Left In: -47.229+/-0.036 χ^2/NDF:73383.9/4

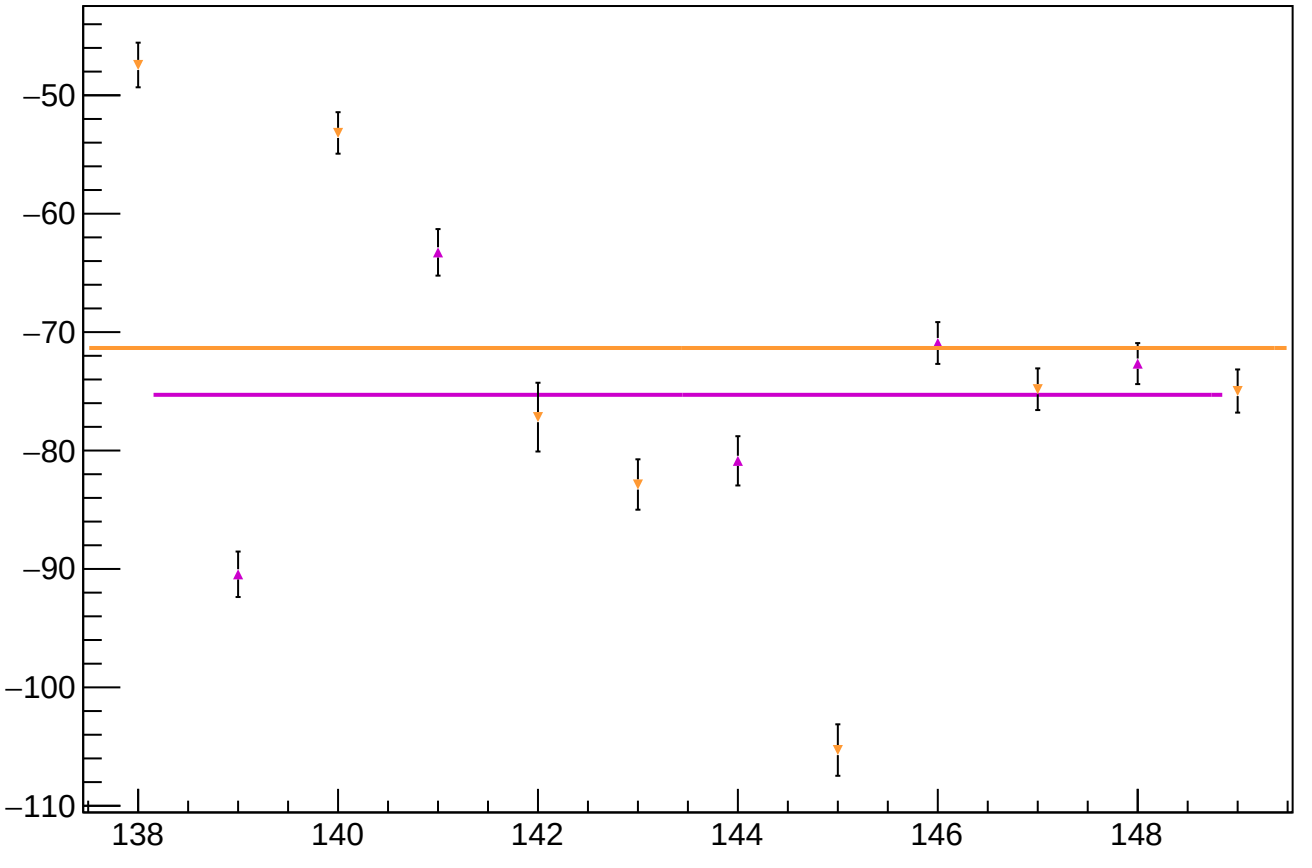
Left: -47.718+/-0.025 χ^2/NDF: 172781.5/11

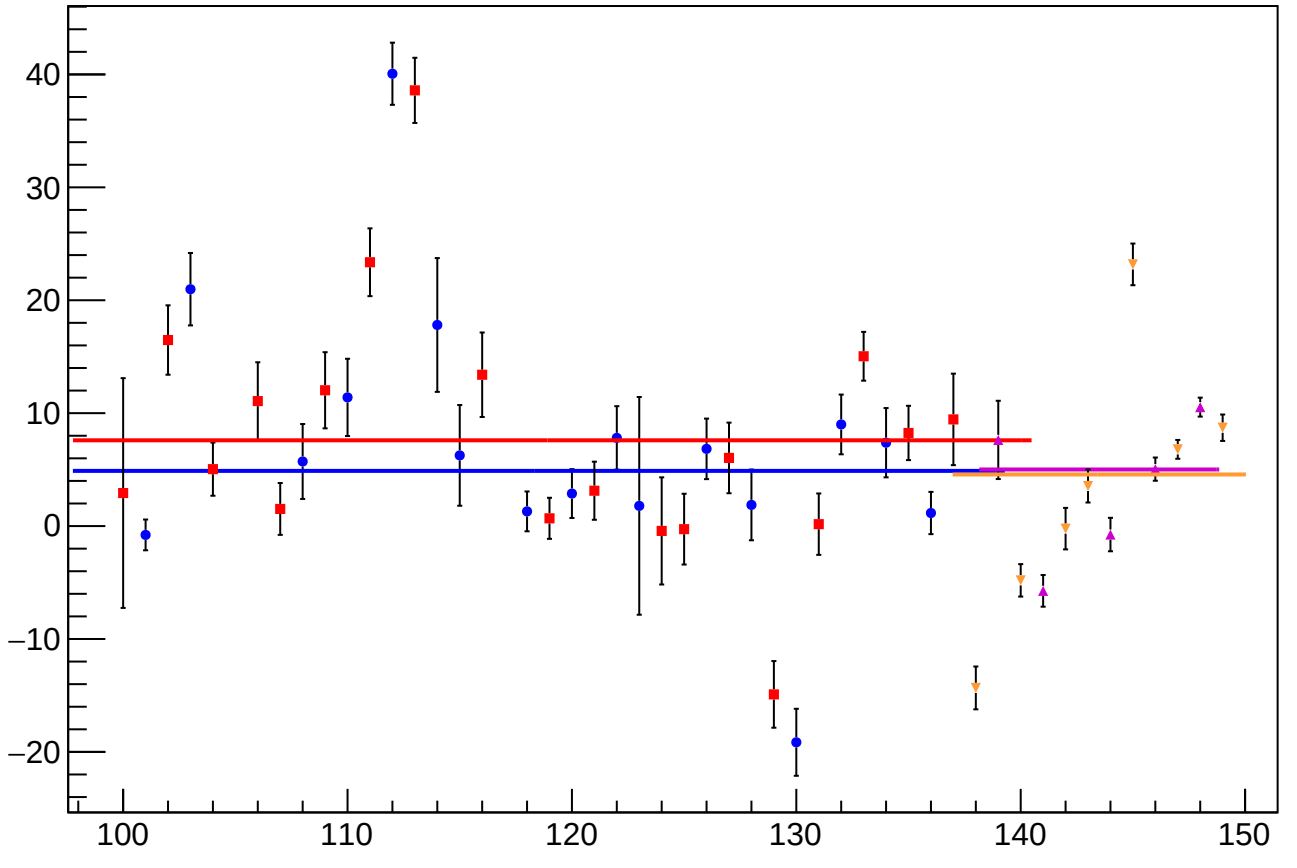
Right: -40.706+/-0.022 χ^2/NDF: 122504.5/33

In: -42.991+/-0.023 χ^2/NDF:124378.7/20

Out: -44.579+/-0.023 χ^2/NDF:213220.1/24

All: -43.795+/-0.016 χ^2/NDF: 339921.7/45


reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected
−50
−60
−70
−80
−90
−100
−110
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -71.340+/-0.749 χ²/NDF:553.4/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -75.295+/-0.840 χ²/NDF:115.4/4
Left: -73.091+/-0.559 χ²/NDF: 681.2/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -75.295+/-0.840 χ²/NDF:115.4/4
Out: -71.340+/-0.749 χ²/NDF:553.4/6
All: -73.091+/-0.559 χ²/NDF: 681.2/11



Right In: 4.888+/-0.622 χ^2/NDF: 294.7/16

Left Out: 4.570+/-0.501 χ^2/NDF:270.7/6

Right Out: 7.596+/-0.651 χ^2/NDF: 269.4/18

Left In: 5.012+/-0.541 χ^2/NDF:117.7/4

Left: 4.774+/-0.368 χ^2/NDF: 388.7/11

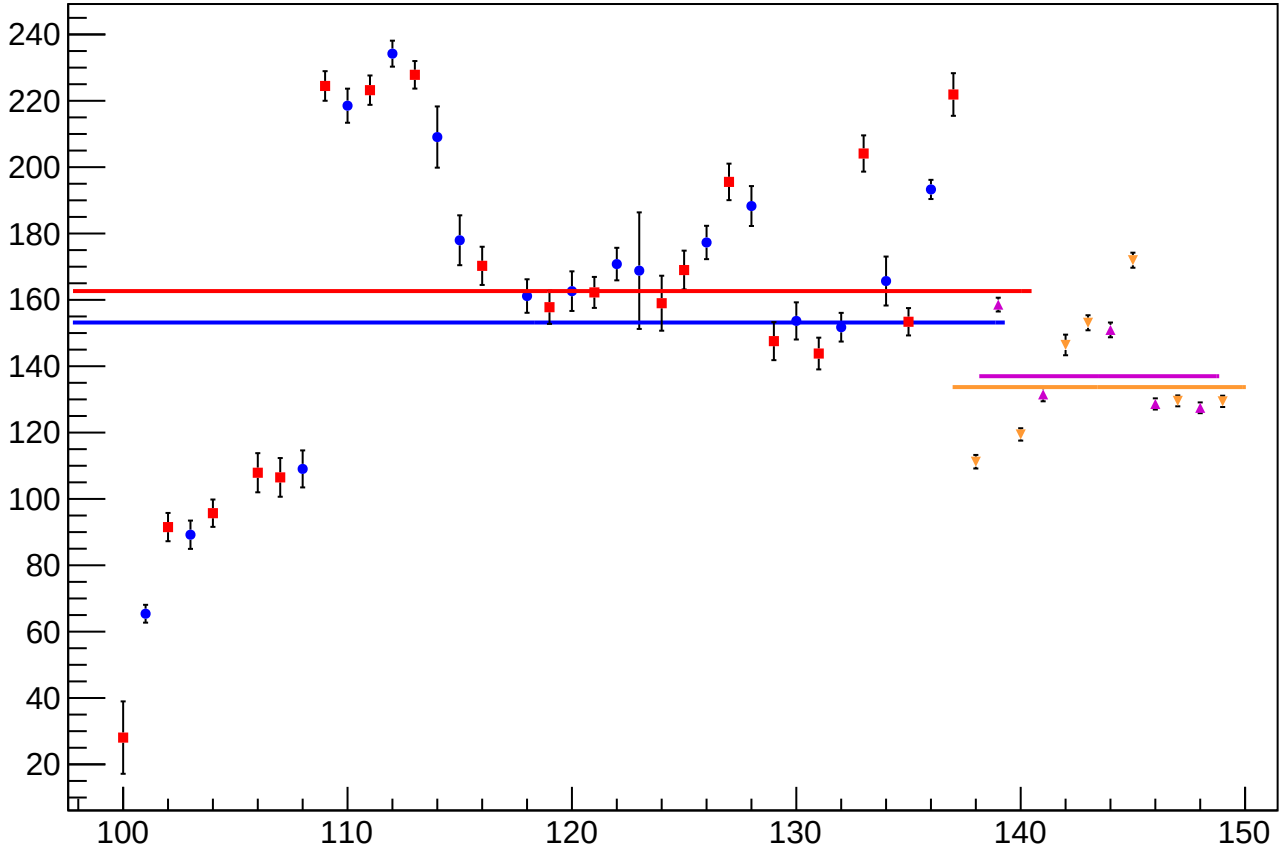
Right: 6.180+/-0.450 χ^2/NDF: 573.2/35

In: 4.958+/-0.408 χ^2/NDF:412.4/21

Out: 5.695+/-0.397 χ^2/NDF:553.6/25

All: 5.337+/-0.285 χ^2/NDF: 967.7/47

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF: 2264.3/16

Left Out: 133.710+/-0.760 χ^2/NDF:565.9/6

Right Out: 162.650+/-1.176 χ^2/NDF: 1708.7/18

Left In: 136.993+/-0.847 χ^2/NDF:213.0/4

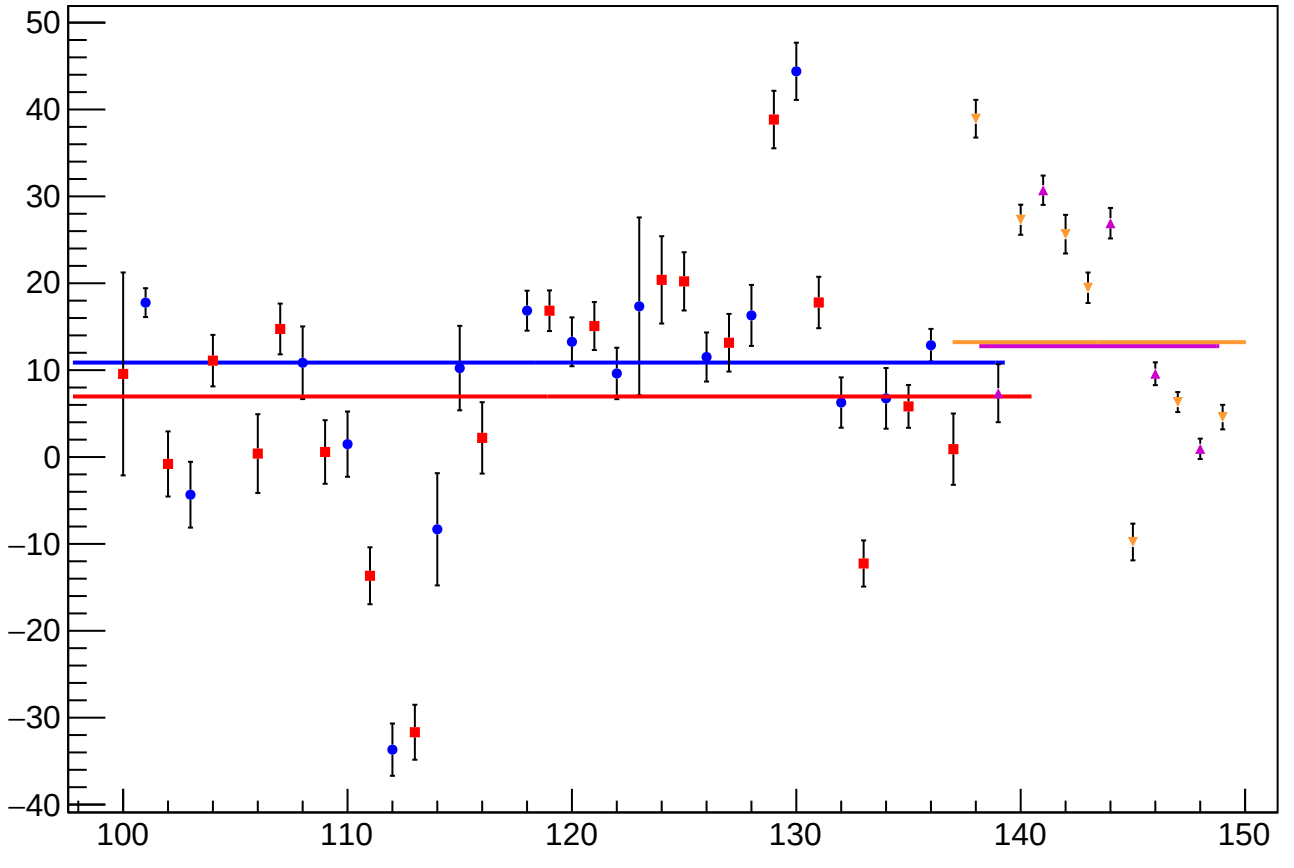
Left: 135.173+/-0.566 χ^2/NDF: 787.3/11

Right: 157.790+/-0.821 χ^2/NDF: 4006.2/35

In: 142.708+/-0.681 χ^2/NDF:2606.2/21

Out: 142.226+/-0.638 χ^2/NDF:2701.8/25

All: 142.451+/-0.466 χ^2/NDF: 5308.2/47



Right In: 10.872+/-0.714 χ^2/NDF: 386.7/16

Left Out: 13.221+/-0.626 χ^2/NDF:442.1/6

Right Out: 6.969+/-0.748 χ^2/NDF: 422.3/18

Left In: 12.763+/-0.695 χ^2/NDF:287.7/4

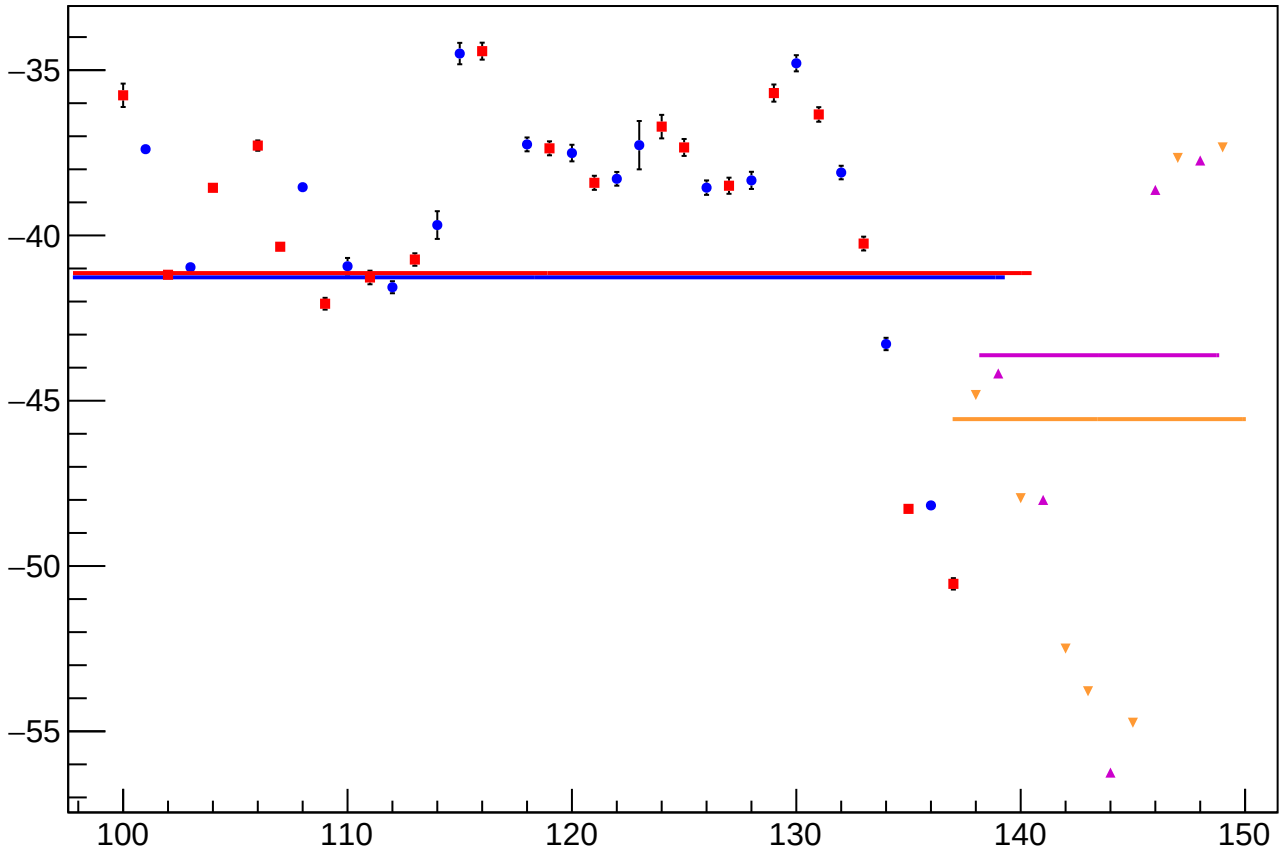
Left: 13.016+/-0.465 χ^2/NDF: 730.1/11

Right: 9.009+/-0.517 χ^2/NDF: 823.3/35

In: 11.843+/-0.498 χ^2/NDF:678.0/21

Out: 10.645+/-0.480 χ^2/NDF:905.6/25

All: 11.221+/-0.346 χ^2/NDF: 1586.6/47



Right In: -41.267+/-0.039 χ^2/NDF: 12581.8/16

Left Out: -45.557+/-0.032 χ^2/NDF:45389.9/6

Right Out: -41.139+/-0.039 χ^2/NDF: 12242.4/18

Left In: -43.624+/-0.035 χ^2/NDF:30881.7/4

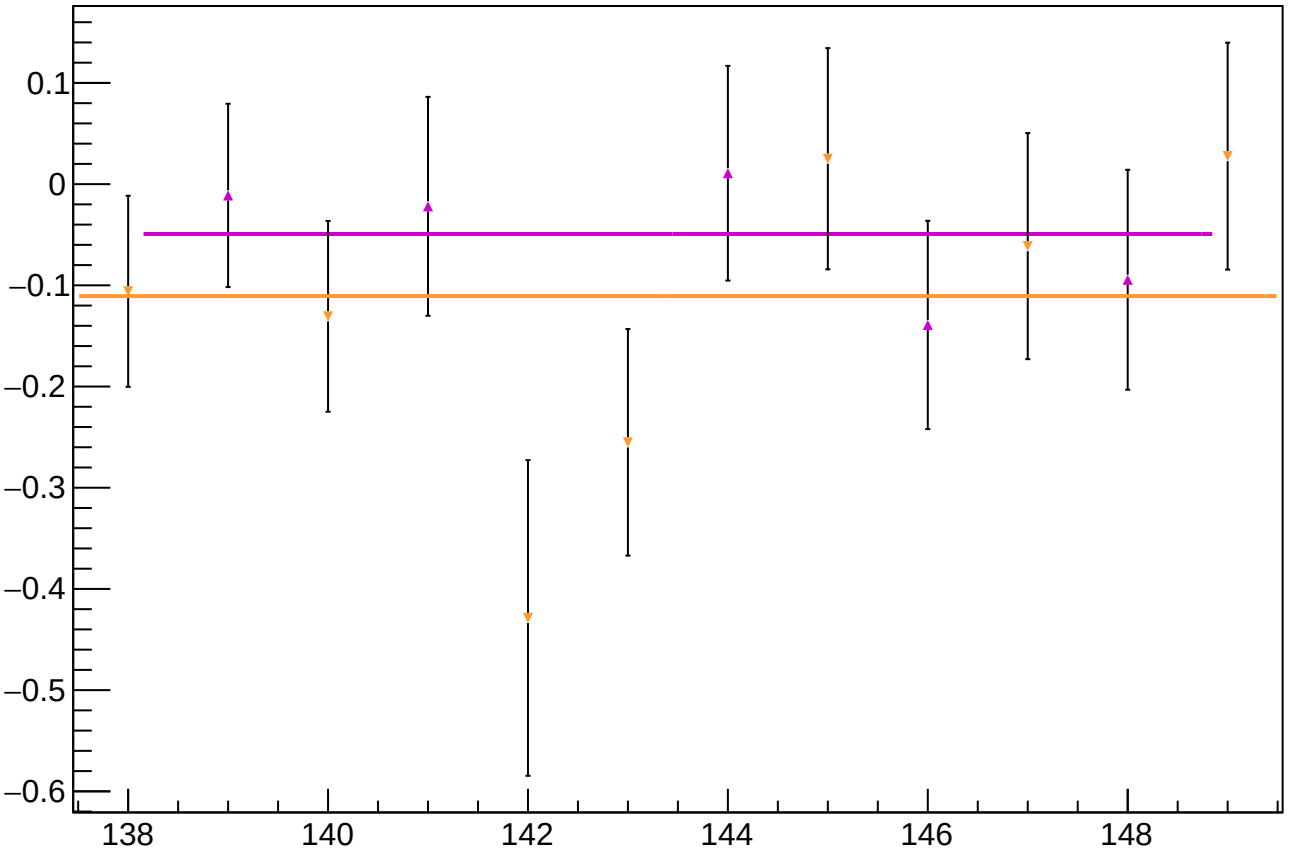
Left: -44.677+/-0.024 χ^2/NDF: 77907.4/11

Right: -41.203+/-0.027 χ^2/NDF: 24829.7/35

In: -42.549+/-0.026 χ^2/NDF:45499.7/21

Out: -43.741+/-0.025 χ^2/NDF:65343.8/25

All: -43.175+/-0.018 χ^2/NDF: 111946.0/47



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

Left Out: -0.111+/-0.041 χ^2/NDF:9.1/6

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

Left In: -0.049+/-0.046 χ^2/NDF:1.5/4

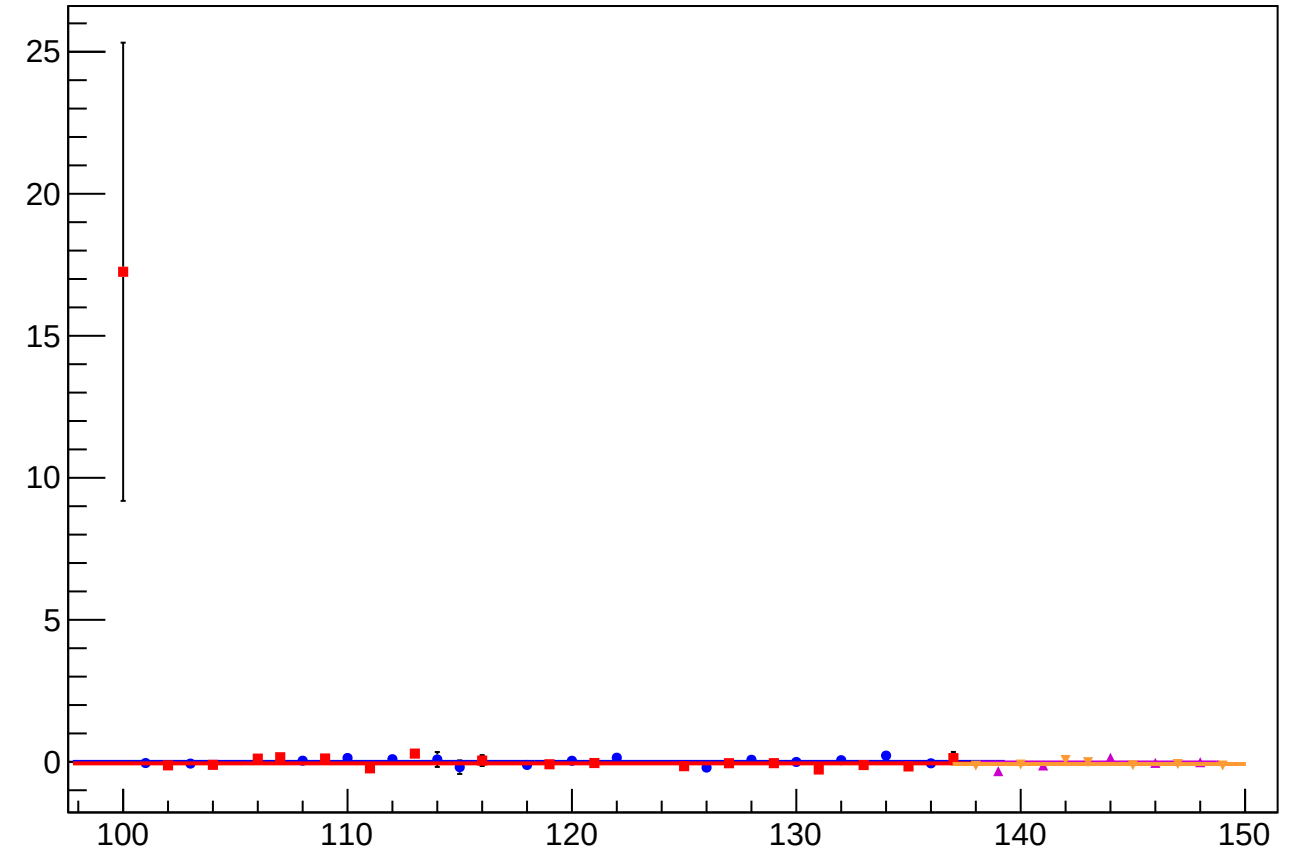
Left: -0.083+/-0.031 χ^2/NDF: 11.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.049+/-0.046 χ^2/NDF:1.5/4

Out: -0.111+/-0.041 χ^2/NDF:9.1/6

All: -0.083+/-0.031 χ^2/NDF: 11.6/11



Right In: -0.002+/-0.028 χ^2/NDF: 12.1/15

Left Out: -0.077+/-0.029 χ^2/NDF:3.9/6

Right Out: -0.053+/-0.029 χ^2/NDF: 25.5/17

Left In: -0.022+/-0.032 χ^2/NDF:10.2/4

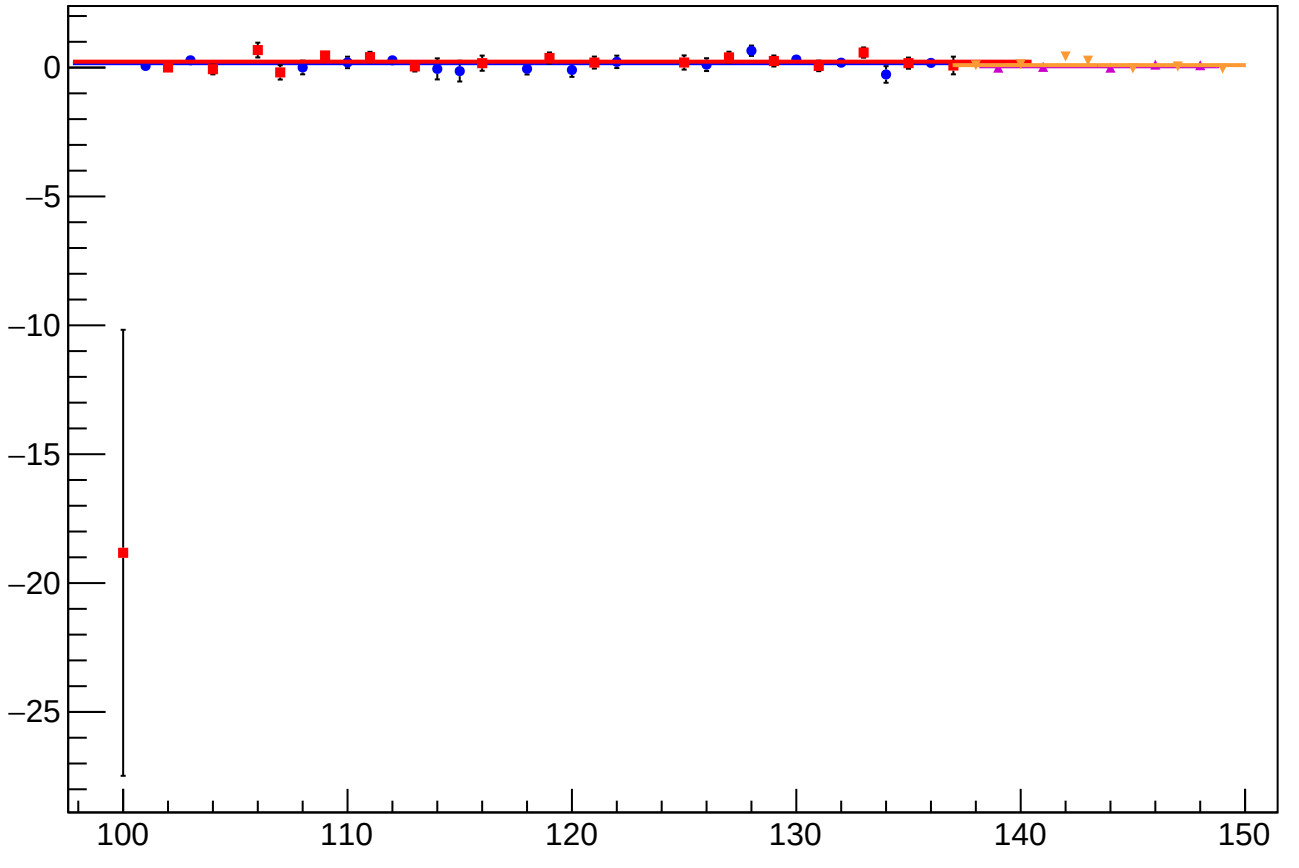
Left: -0.052+/-0.021 χ^2/NDF: 15.7/11

Right: -0.027+/-0.020 χ^2/NDF: 39.2/33

In: -0.011+/-0.021 χ^2/NDF:22.5/20

Out: -0.065+/-0.021 χ^2/NDF:29.8/24

All: -0.039+/-0.015 χ^2/NDF: 55.7/45



Right In: 0.170+/-0.052 χ^2/NDF: 13.0/15

Left Out: 0.095+/-0.042 χ^2/NDF:9.4/6

Right Out: 0.229+/-0.054 χ^2/NDF: 21.7/17

Left In: 0.050+/-0.047 χ^2/NDF:1.2/4

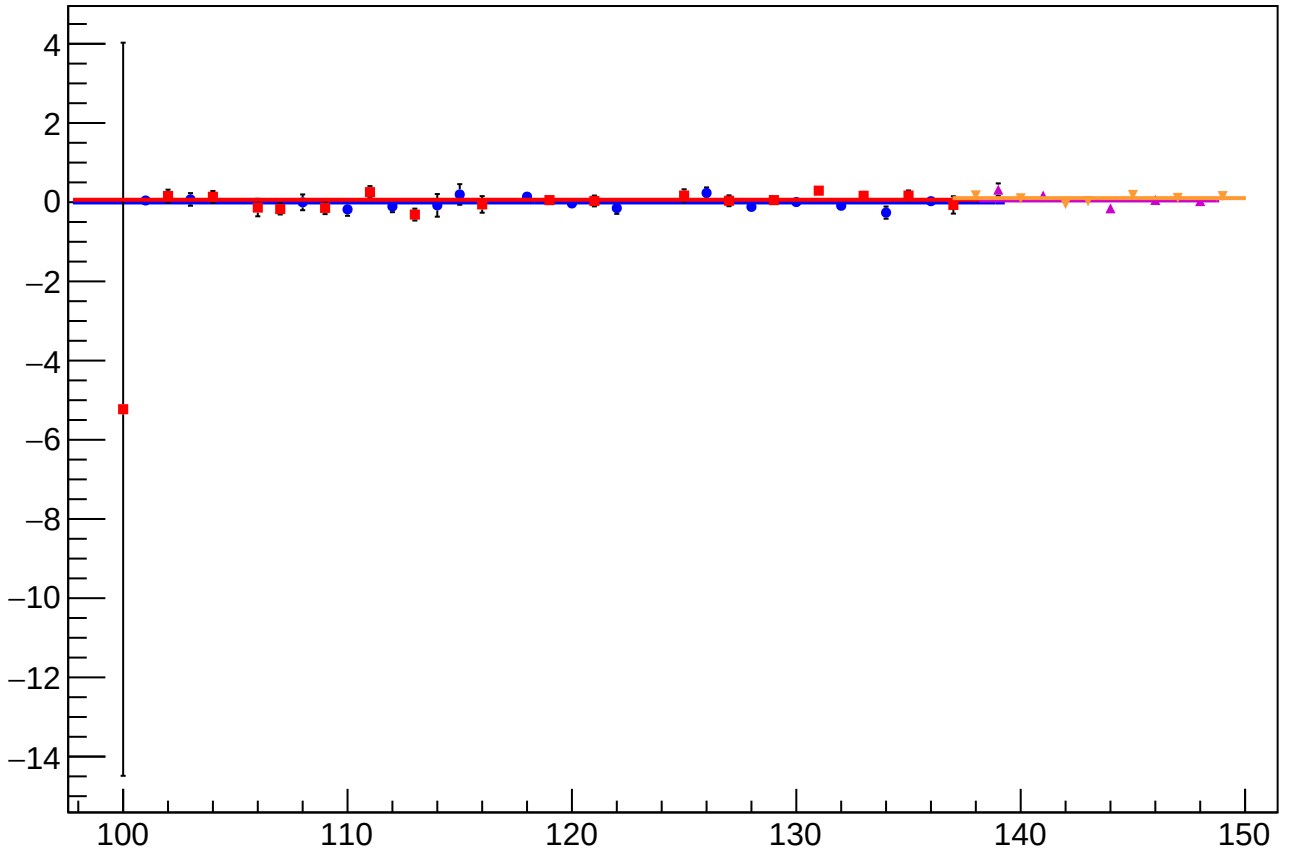
Left: 0.075+/-0.031 χ^2/NDF: 11.1/11

Right: 0.199+/-0.038 χ^2/NDF: 35.3/33

In: 0.103+/-0.035 χ^2/NDF:17.1/20

Out: 0.146+/-0.033 χ^2/NDF:34.9/24

All: 0.126+/-0.024 χ^2/NDF: 52.8/45



Right In: -0.007+/-0.033 χ^2/NDF: 13.2/15

Left Out: 0.103+/-0.036 χ^2/NDF:3.6/6

Right Out: 0.062+/-0.034 χ^2/NDF: 20.3/17

Left In: 0.044+/-0.040 χ^2/NDF:9.7/4

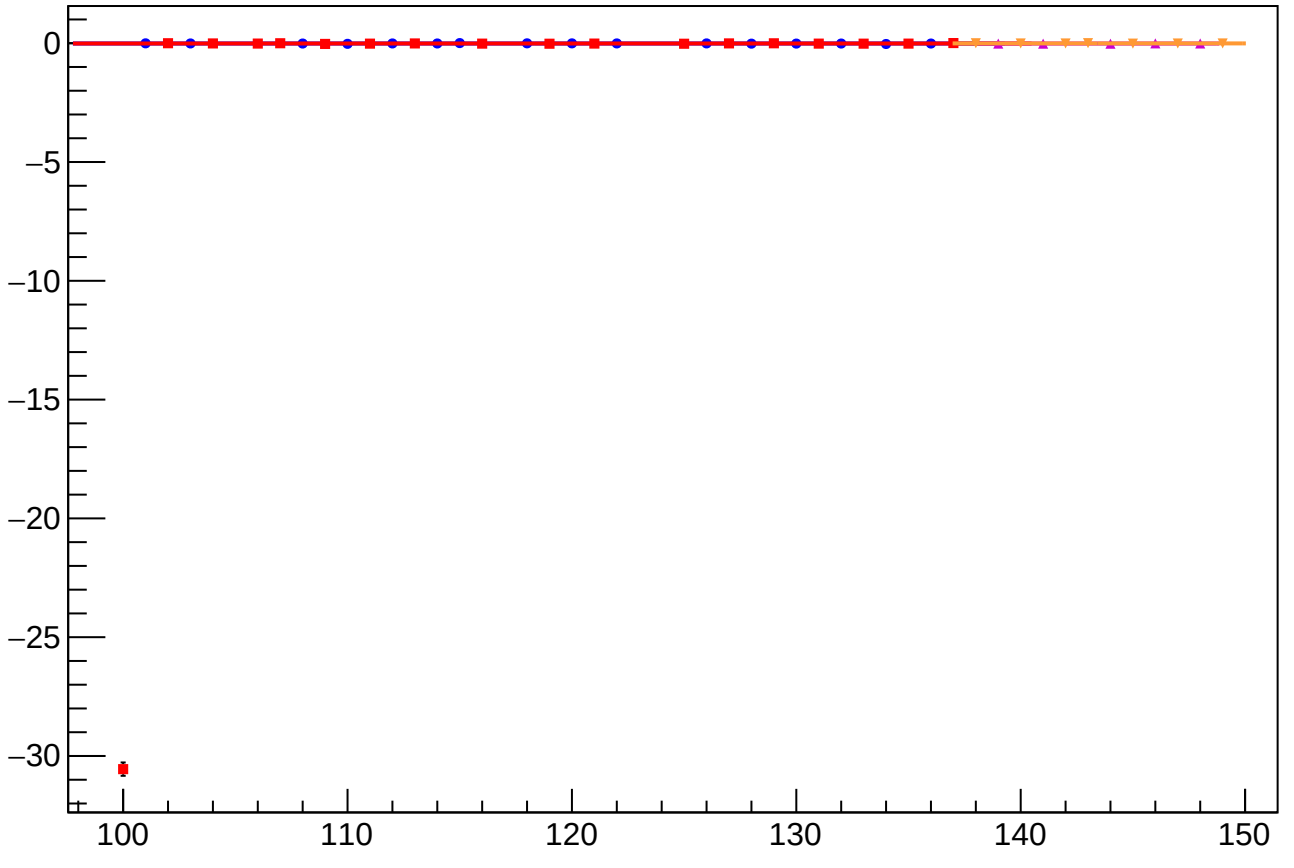
Left: 0.077+/-0.027 χ^2/NDF: 14.5/11

Right: 0.026+/-0.023 χ^2/NDF: 35.6/33

In: 0.014+/-0.025 χ^2/NDF:23.9/20

Out: 0.081+/-0.025 χ^2/NDF:24.6/24

All: 0.048+/-0.018 χ^2/NDF: 52.2/45



Right In: -0.012+/-0.002 χ^2/NDF: 12.8/15

Left Out: -0.008+/-0.002 χ^2/NDF:12.6/6

Right Out: -0.012+/-0.002 χ^2/NDF: 11890.6/17

Left In: -0.014+/-0.002 χ^2/NDF:5.8/4

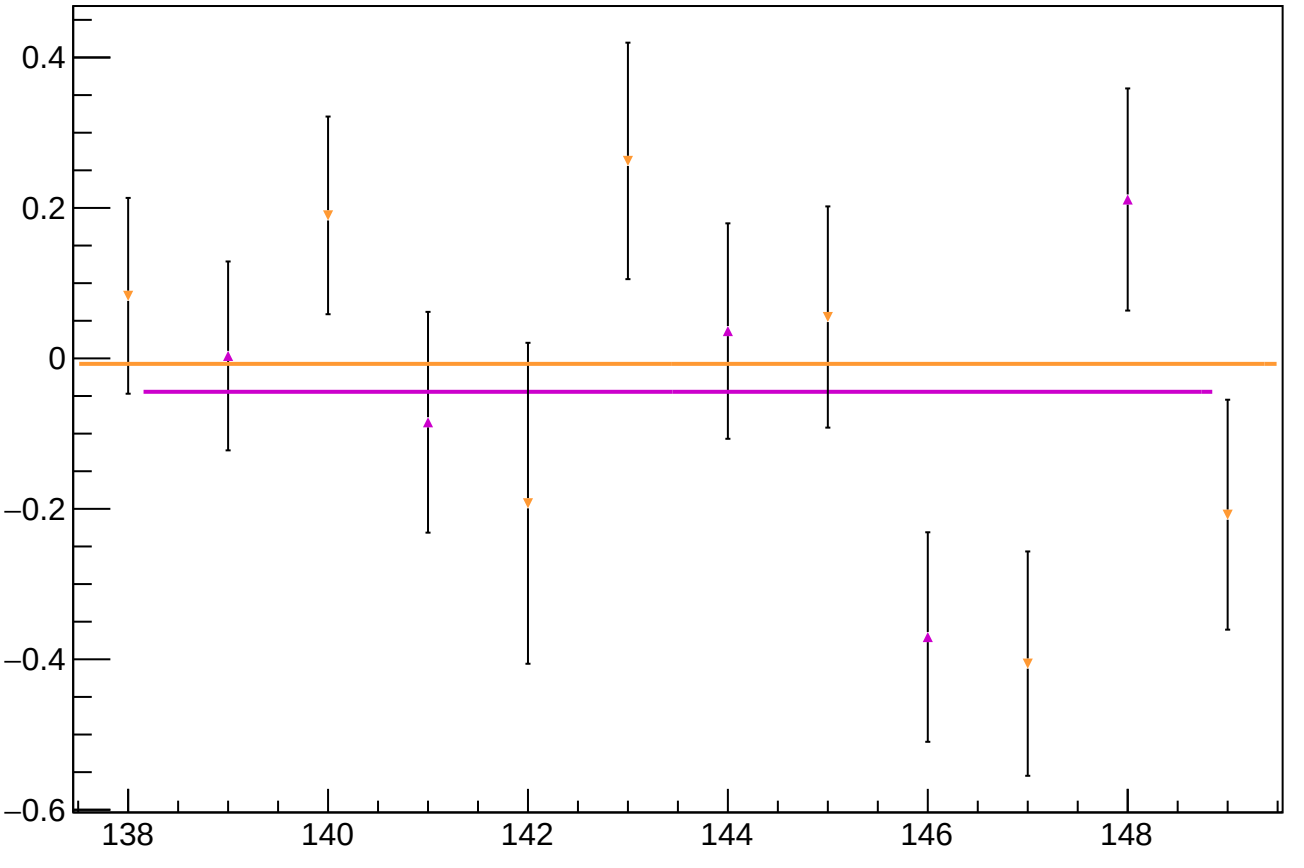
Left: -0.011+/-0.001 χ^2/NDF: 23.8/11

Right: -0.012+/-0.001 χ^2/NDF: 11903.4/33

In: -0.013+/-0.001 χ^2/NDF:19.3/20

Out: -0.010+/-0.001 χ^2/NDF:11905.7/24

All: -0.011+/-0.001 χ^2/NDF: 11927.7/45



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

Left Out: -0.007+/-0.056 χ^2/NDF:15.5/6

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

Left In: -0.044+/-0.062 χ^2/NDF:9.0/4

Left: -0.024+/-0.042 χ^2/NDF: 24.7/11

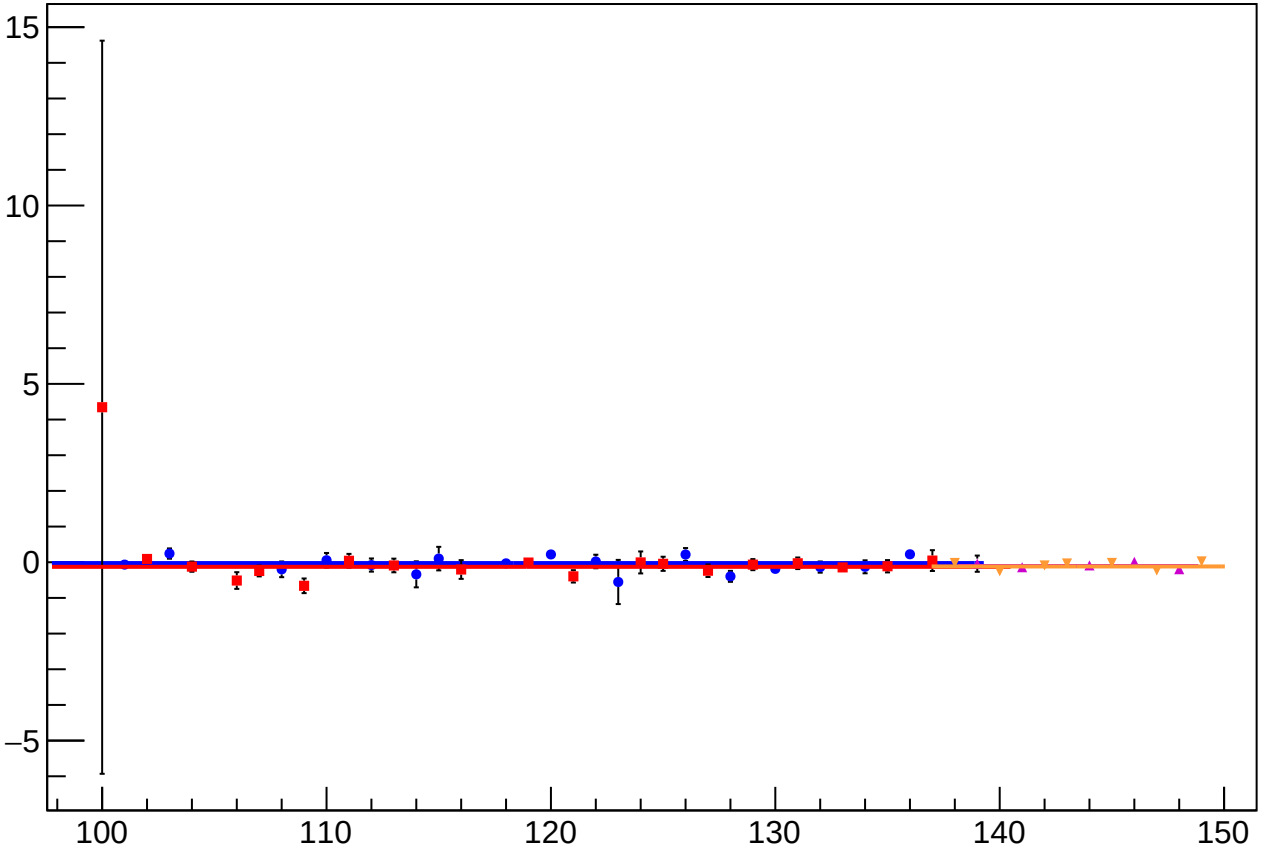
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.044+/-0.062 χ^2/NDF:9.0/4

Out: -0.007+/-0.056 χ^2/NDF:15.5/6

All: -0.024+/-0.042 χ^2/NDF: 24.7/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF: 22.4/16

Left Out: -0.118+/-0.039 χ^2/NDF:8.0/6

Right Out: -0.129+/-0.039 χ^2/NDF: 18.8/18

Left In: -0.106+/-0.043 χ^2/NDF:3.8/4

Left: -0.112+/-0.029 χ^2/NDF: 11.8/11

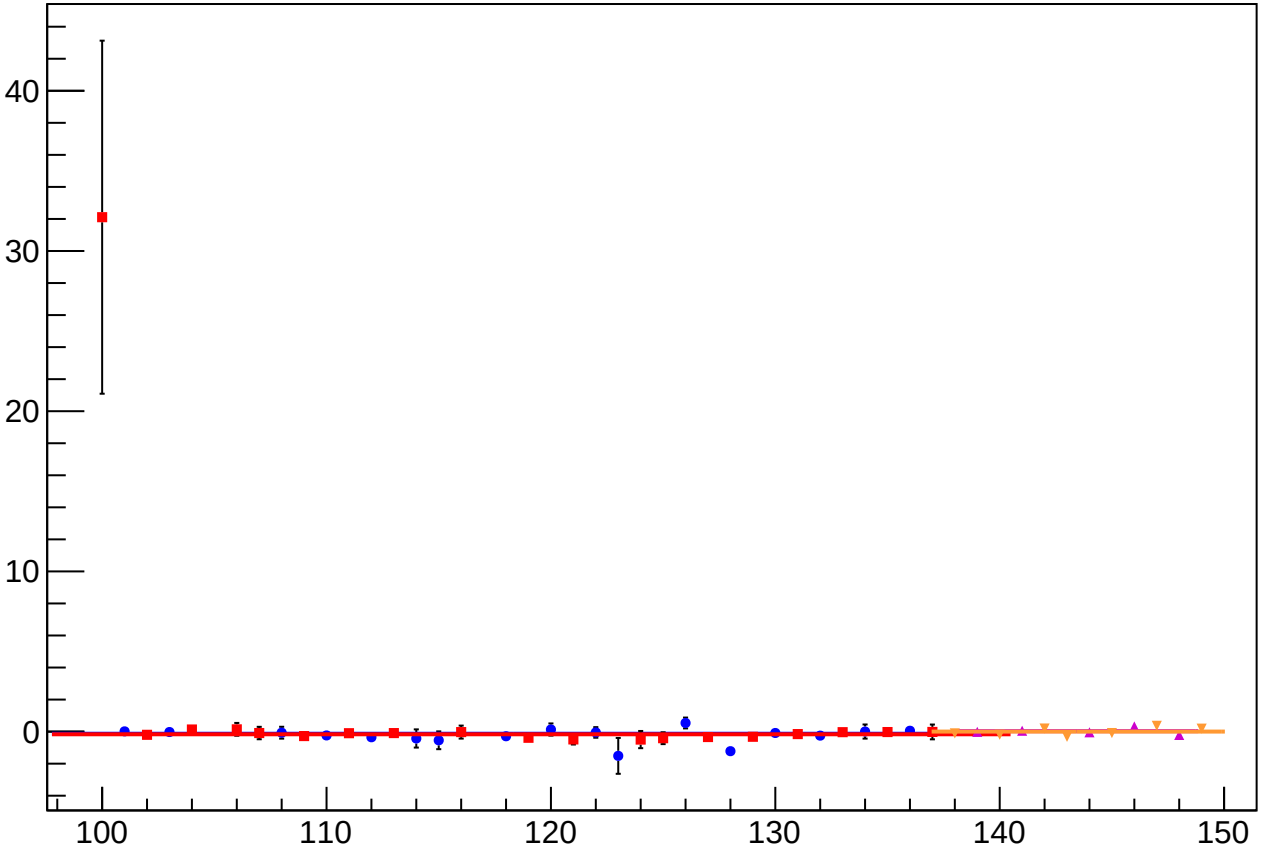
Right: -0.072+/-0.027 χ^2/NDF: 45.1/35

In: -0.058+/-0.028 χ^2/NDF:28.4/21

Out: -0.123+/-0.028 χ^2/NDF:26.8/25

All: -0.091+/-0.020 χ^2/NDF: 58.0/47

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133+/-0.067 χ^2/NDF: 25.7/16

Left Out: 0.002+/-0.058 χ^2/NDF:15.8/6

Right Out: -0.166+/-0.071 χ^2/NDF: 14.7/18

Left In: 0.029+/-0.064 χ^2/NDF:8.2/4

Left: 0.014+/-0.043 χ^2/NDF: 24.1/11

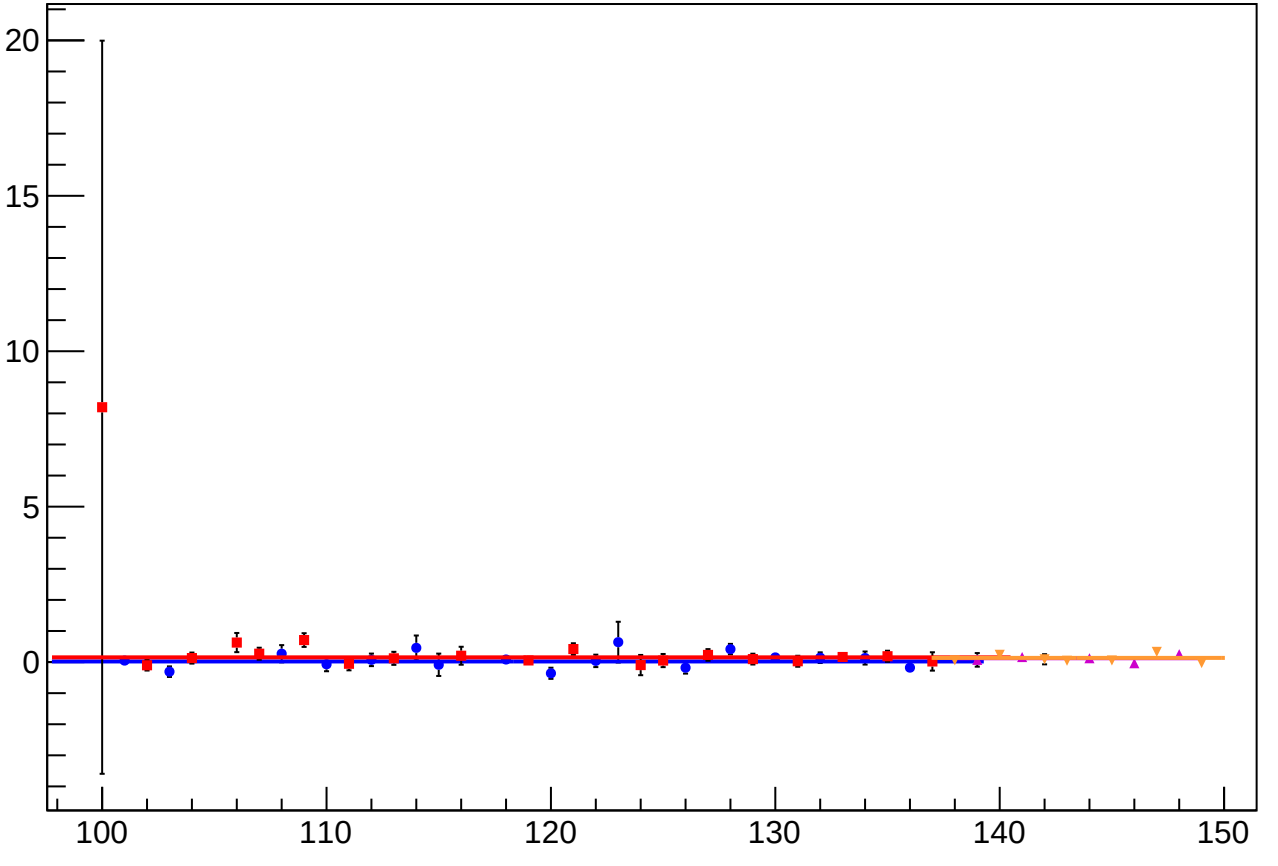
Right: -0.149+/-0.049 χ^2/NDF: 40.6/35

In: -0.048+/-0.046 χ^2/NDF:37.0/21

Out: -0.065+/-0.045 χ^2/NDF:33.9/25

All: -0.057+/-0.032 χ^2/NDF: 71.0/47

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF: 21.8/16

Left Out: 0.134+/-0.049 χ^2/NDF:7.7/6

Right Out: 0.152+/-0.045 χ^2/NDF: 17.3/18

Left In: 0.123+/-0.054 χ^2/NDF:4.2/4

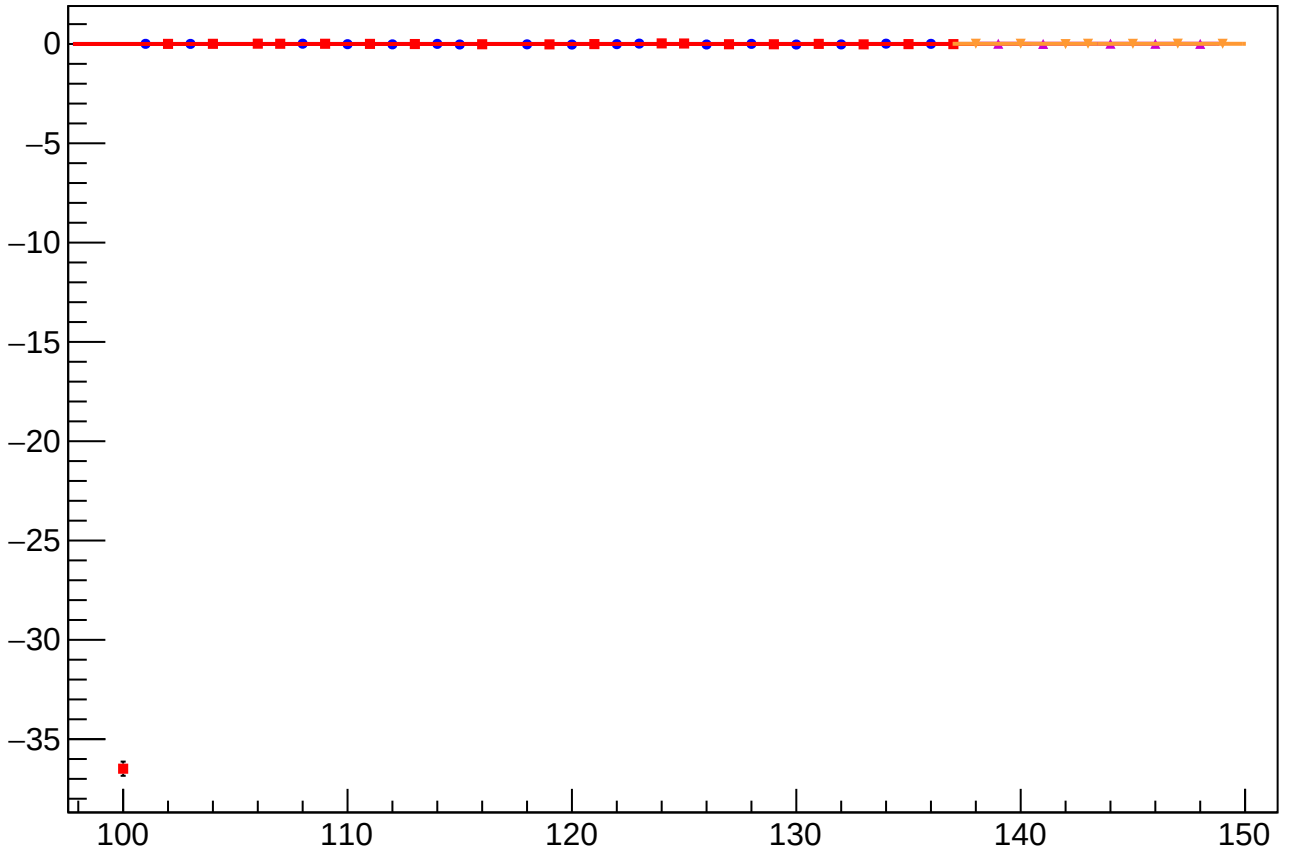
Left: 0.129+/-0.036 χ^2/NDF: 11.9/11

Right: 0.081+/-0.031 χ^2/NDF: 43.6/35

In: 0.059+/-0.033 χ^2/NDF:28.2/21

Out: 0.144+/-0.033 χ^2/NDF:25.0/25

All: 0.102+/-0.024 χ^2/NDF: 56.5/47



Right In: 0.001+/-0.002 χ^2/NDF: 32.0/16

Left Out: 0.010+/-0.002 χ^2/NDF:4.3/6

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.2/18

Left In: 0.010+/-0.003 χ^2/NDF:2.3/4

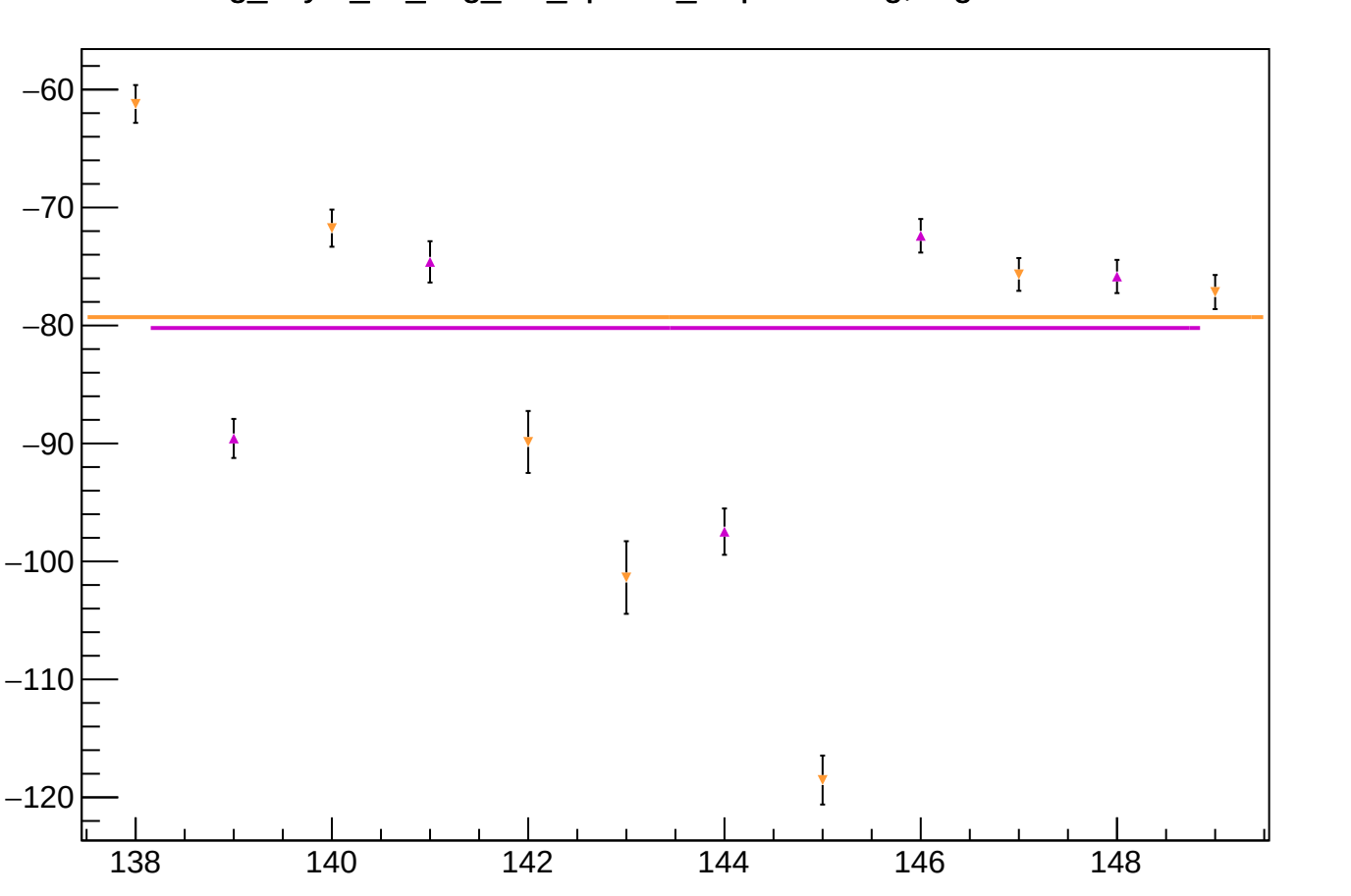
Left: 0.010+/-0.002 χ^2/NDF: 6.6/11

Right: 0.001+/-0.002 χ^2/NDF: 10481.2/35

In: 0.005+/-0.002 χ^2/NDF:41.6/21

Out: 0.005+/-0.002 χ^2/NDF:10461.6/25

All: 0.005+/-0.001 χ^2/NDF: 10503.2/47



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

Left Out: -79.292+/-0.664 χ^2/NDF:584.3/6

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

Left In: -80.213+/-0.716 χ^2/NDF:159.4/4

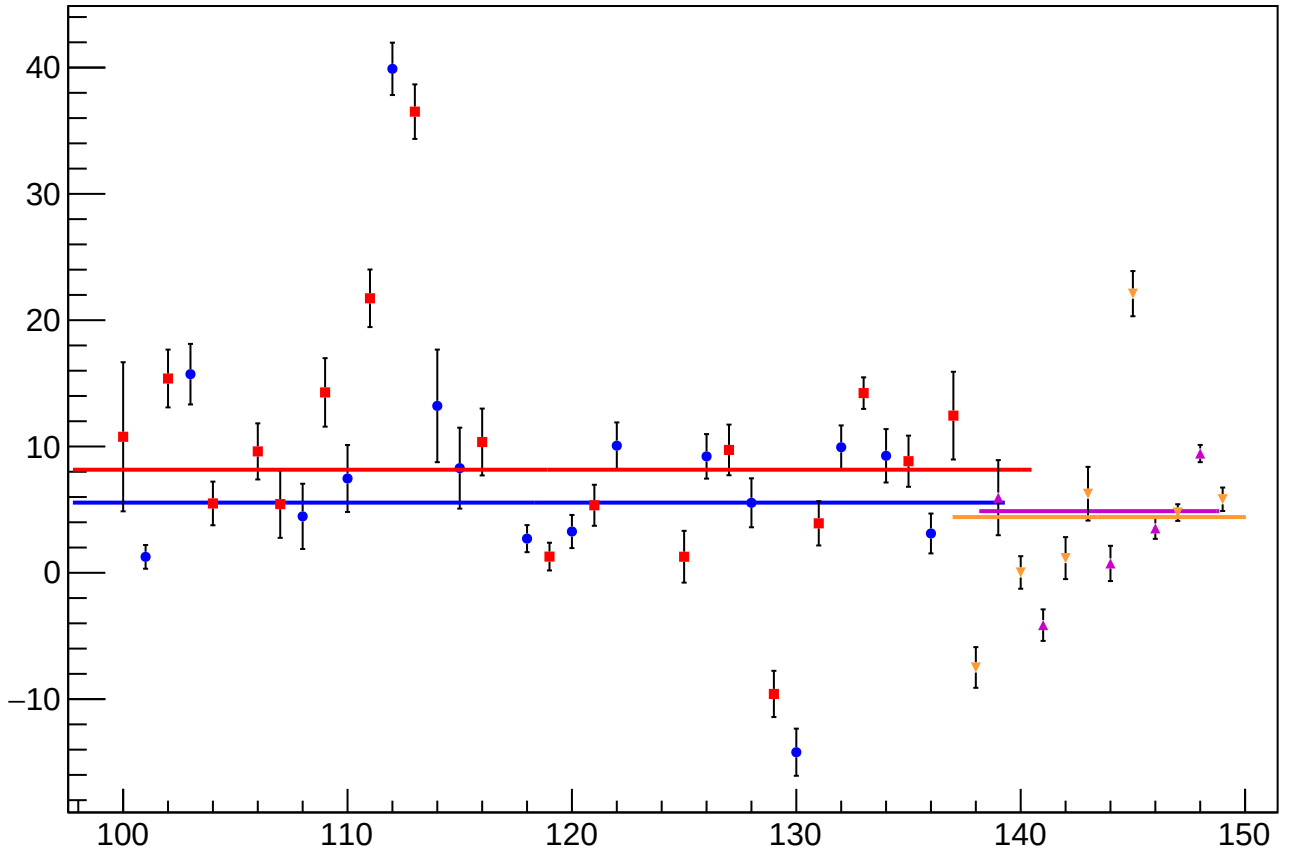
Left: -79.717+/-0.487 χ^2/NDF: 744.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -80.213+/-0.716 χ^2/NDF:159.4/4

Out: -79.292+/-0.664 χ^2/NDF:584.3/6

All: -79.717+/-0.487 χ^2/NDF: 744.6/11



Right In: 5.557+/-0.424 χ^2/NDF: 462.0/15

Left Out: 4.412+/-0.432 χ^2/NDF:171.2/6

Right Out: 8.162+/-0.453 χ^2/NDF: 407.0/17

Left In: 4.883+/-0.452 χ^2/NDF:108.6/4

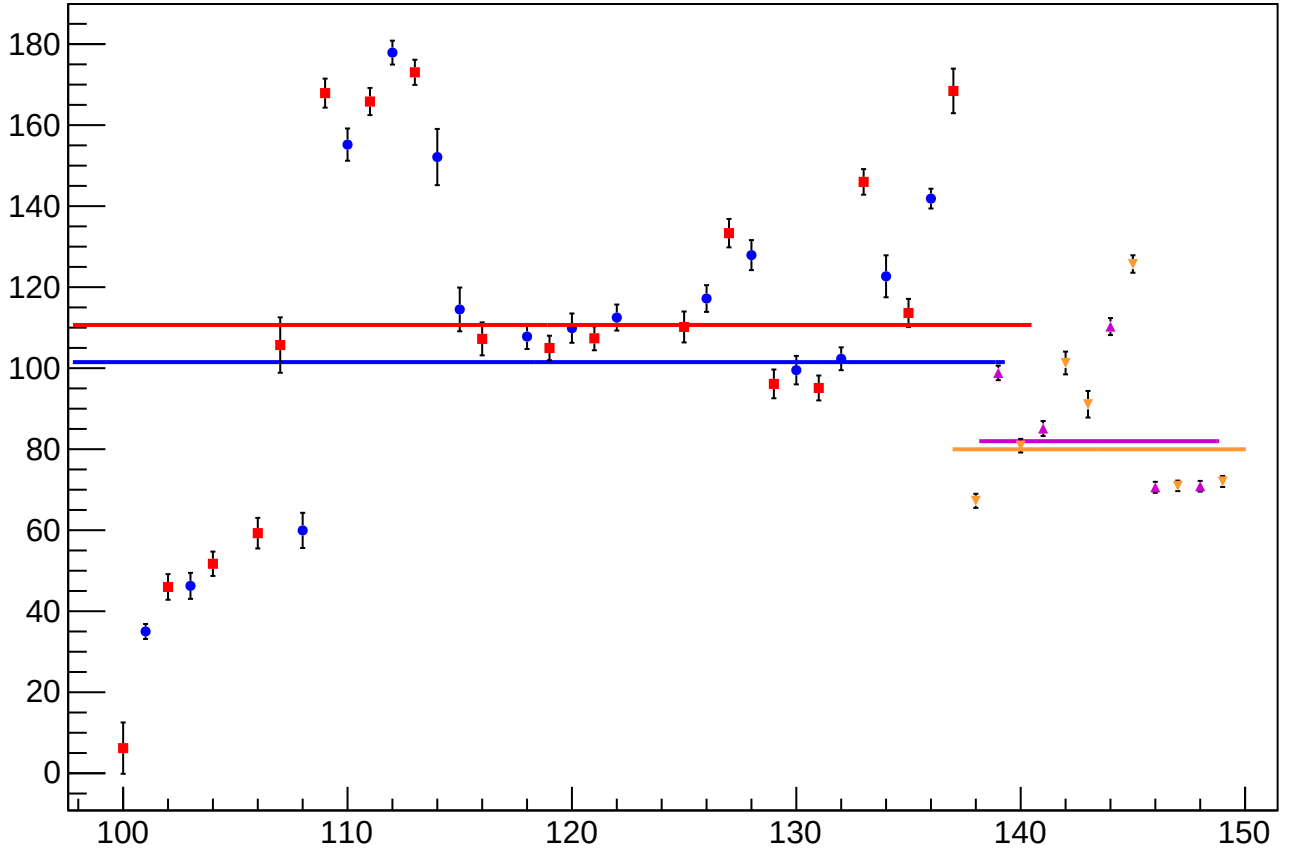
Left: 4.637+/-0.313 χ^2/NDF: 280.4/11

Right: 6.774+/-0.310 χ^2/NDF: 886.6/33

In: 5.242+/-0.309 χ^2/NDF:571.8/20

Out: 6.200+/-0.313 χ^2/NDF:614.0/24

All: 5.716+/-0.220 χ^2/NDF: 1190.6/45



Right In: 101.496+/-0.808 χ^2/NDF: 2973.0/15

Left Out: 79.973+/-0.665 χ^2/NDF:656.4/6

Right Out: 110.670+/-0.836 χ^2/NDF: 2513.7/17

Left In: 81.980+/-0.717 χ^2/NDF:414.1/4

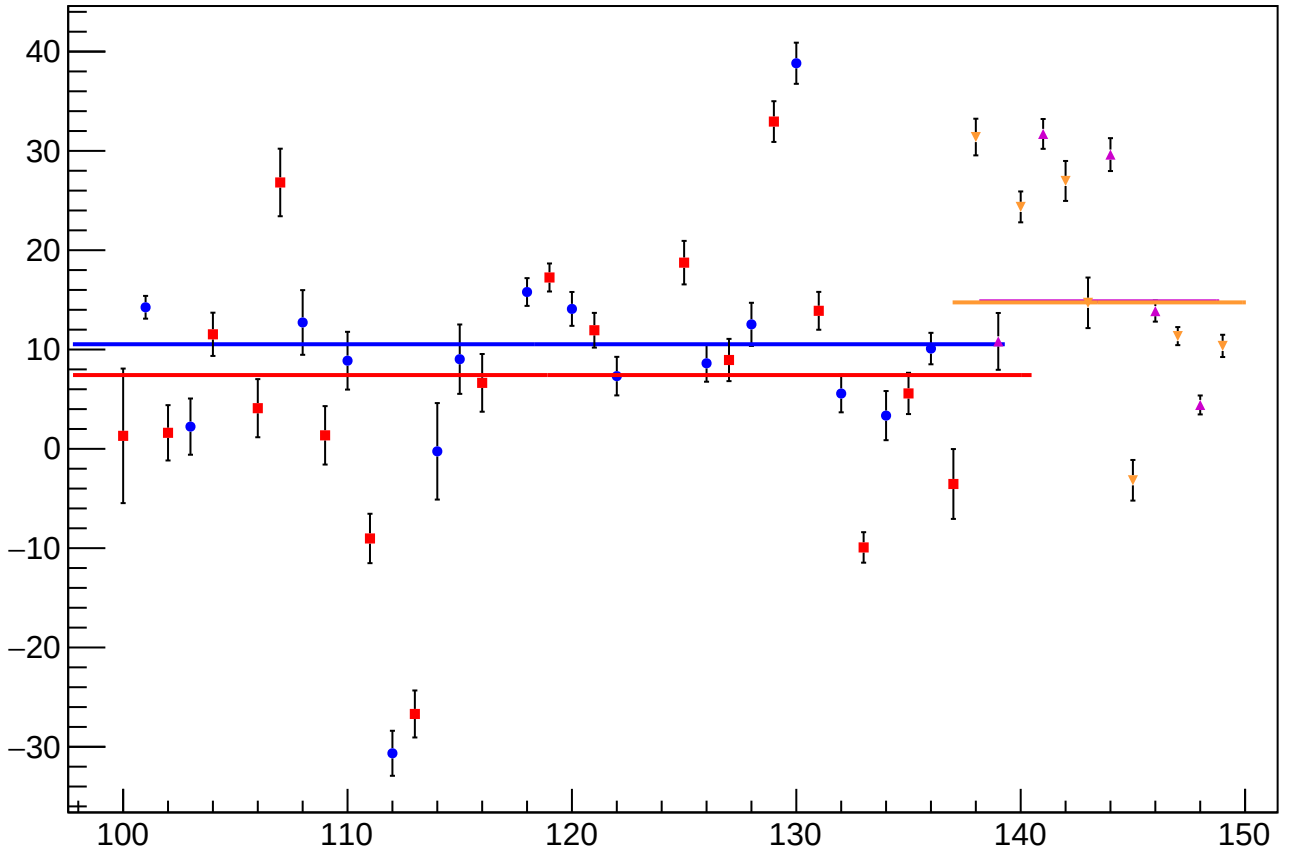
Left: 80.900+/-0.488 χ^2/NDF: 1074.7/11

Right: 105.929+/-0.581 χ^2/NDF: 5549.0/33

In: 90.580+/-0.537 χ^2/NDF:3713.2/20

Out: 91.869+/-0.520 χ^2/NDF:3996.2/24

All: 91.244+/-0.374 χ^2/NDF: 7712.4/45



Right In: 10.532+/-0.493 χ^2/NDF: 580.3/15

Left Out: 14.745+/-0.546 χ^2/NDF:262.4/6

Right Out: 7.429+/-0.524 χ^2/NDF: 685.8/17

Left In: 14.855+/-0.585 χ^2/NDF:327.9/4

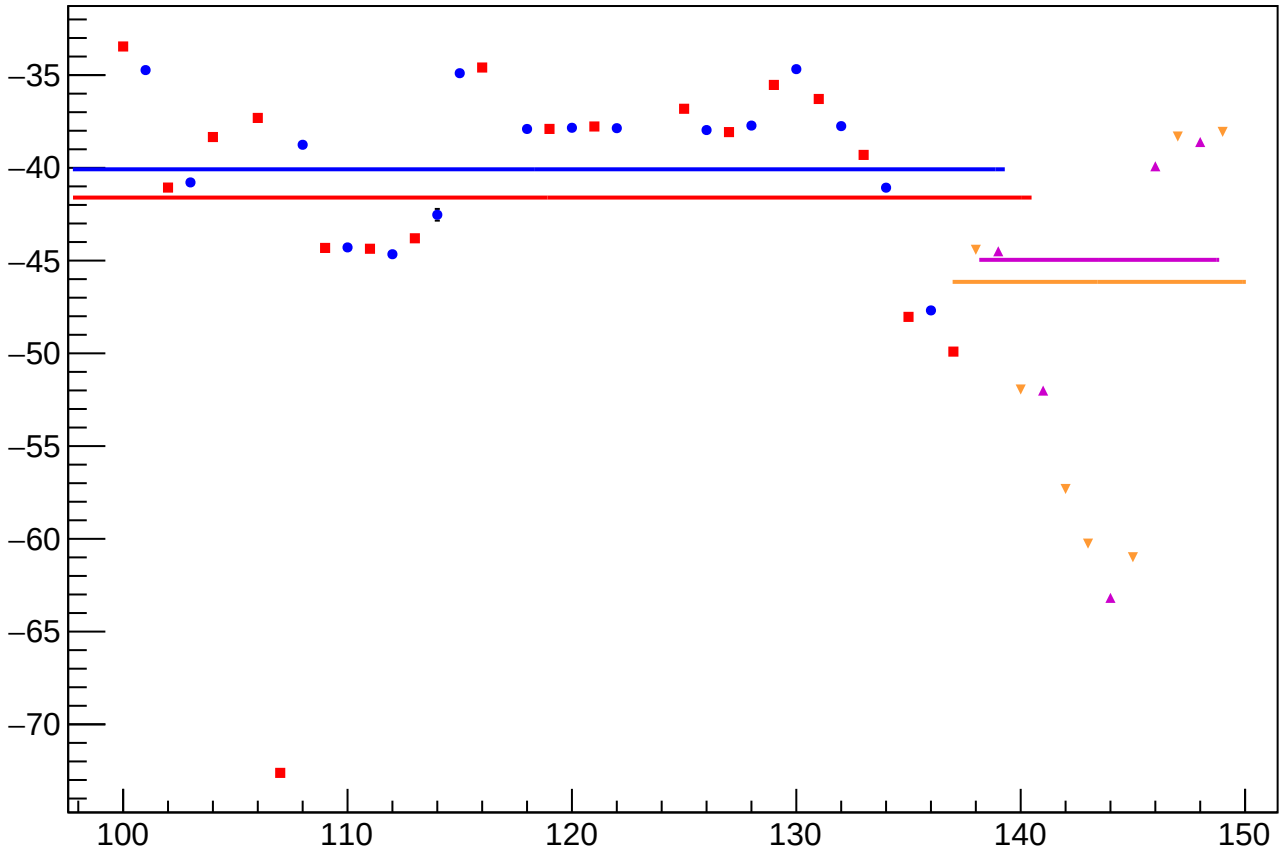
Left: 14.796+/-0.399 χ^2/NDF: 590.4/11

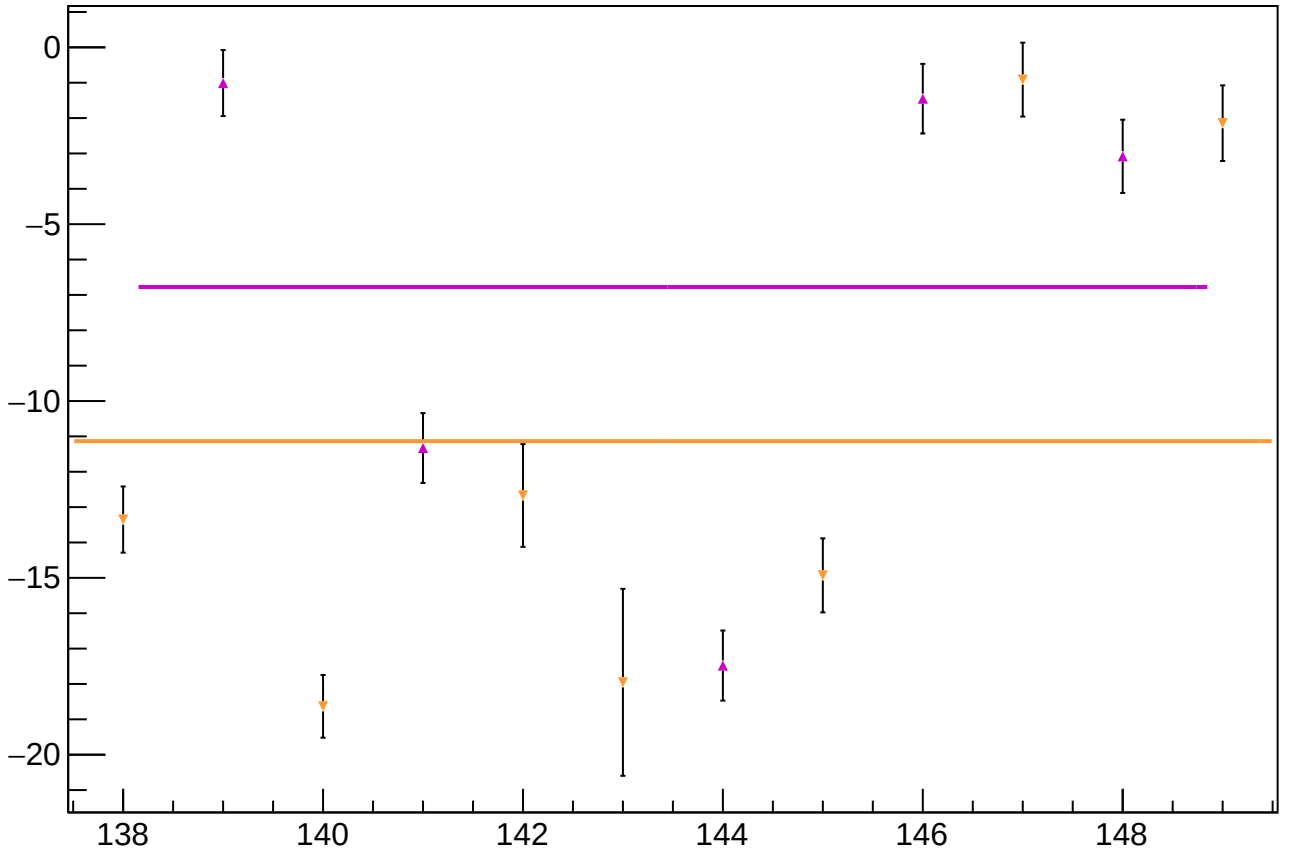
Right: 9.074+/-0.359 χ^2/NDF: 1284.7/33

In: 12.327+/-0.377 χ^2/NDF:940.2/20

Out: 10.934+/-0.378 χ^2/NDF:1041.8/24

All: 11.632+/-0.267 χ^2/NDF: 1988.8/45


reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−35
−40
−45
−50
−55
−60
−65
−70
100
110
120
130
140
150
Right In: -40.079+/-0.028 χ²/NDF: 25147.0/15
Left Out: -46.147+/-0.029 χ²/NDF:93697.7/6
Right Out: -41.602+/-0.029 χ²/NDF: 61856.4/17
Left In: -44.959+/-0.030 χ²/NDF:67079.3/4
Left: -45.582+/-0.021 χ²/NDF: 161600.7/11
Right: -40.831+/-0.020 χ²/NDF: 88443.2/33
In: -42.374+/-0.021 χ²/NDF:106289.4/20
Out: -43.878+/-0.020 χ²/NDF:168220.7/24
All: -43.139+/-0.014 χ²/NDF: 277235.8/45



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

Left Out: -11.134+/-0.418 χ^2/NDF:264.5/6

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

Left In: -6.777+/-0.440 χ^2/NDF:218.1/4

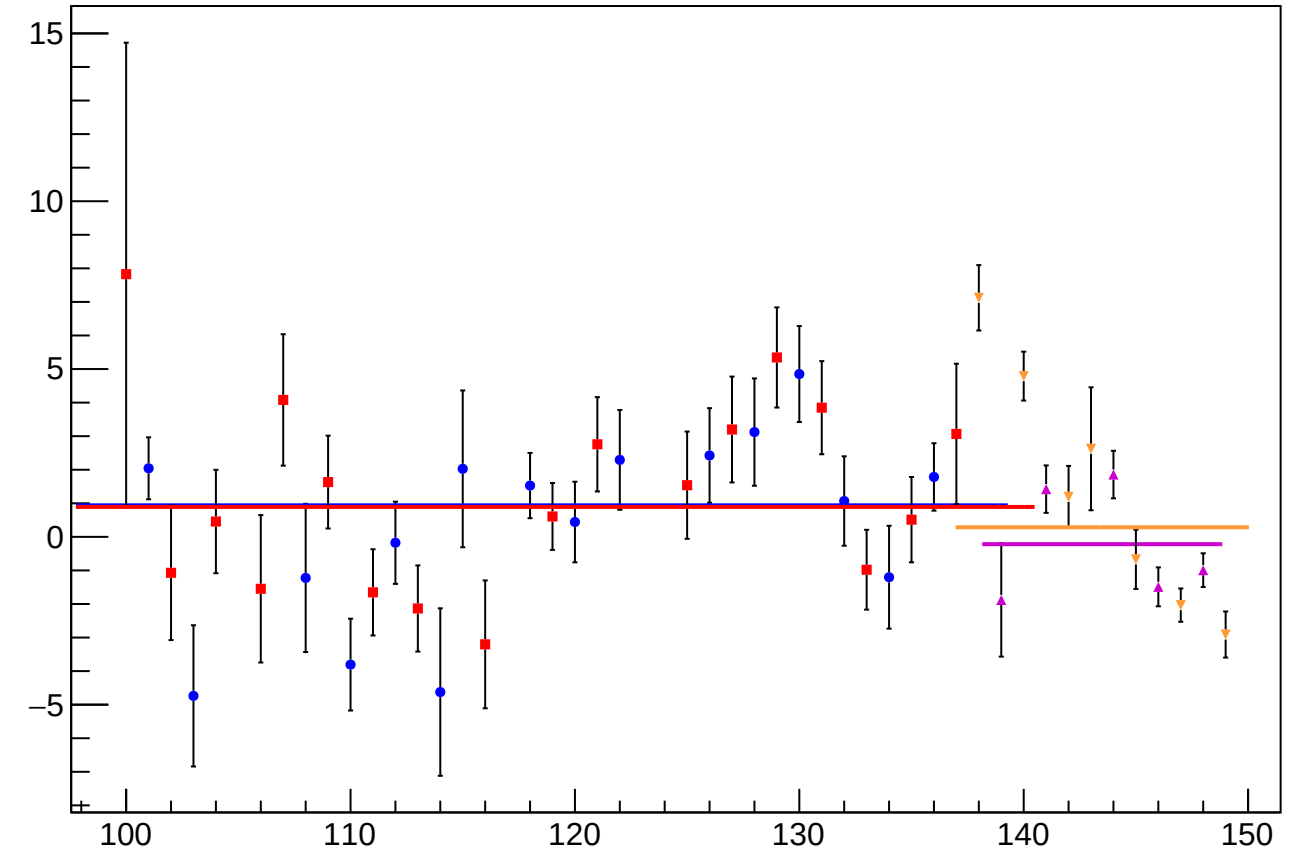
Left: -9.071+/-0.303 χ^2/NDF: 534.2/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.777+/-0.440 χ^2/NDF:218.1/4

Out: -11.134+/-0.418 χ^2/NDF:264.5/6

All: -9.071+/-0.303 χ^2/NDF: 534.2/11



Right In: 0.939+/-0.339 χ^2/NDF: 42.2/15

Left Out: 0.286+/-0.290 χ^2/NDF:134.7/6

Right Out: 0.891+/-0.354 χ^2/NDF: 41.6/17

Left In: -0.218+/-0.298 χ^2/NDF:22.1/4

Left: 0.040+/-0.208 χ^2/NDF: 158.3/11

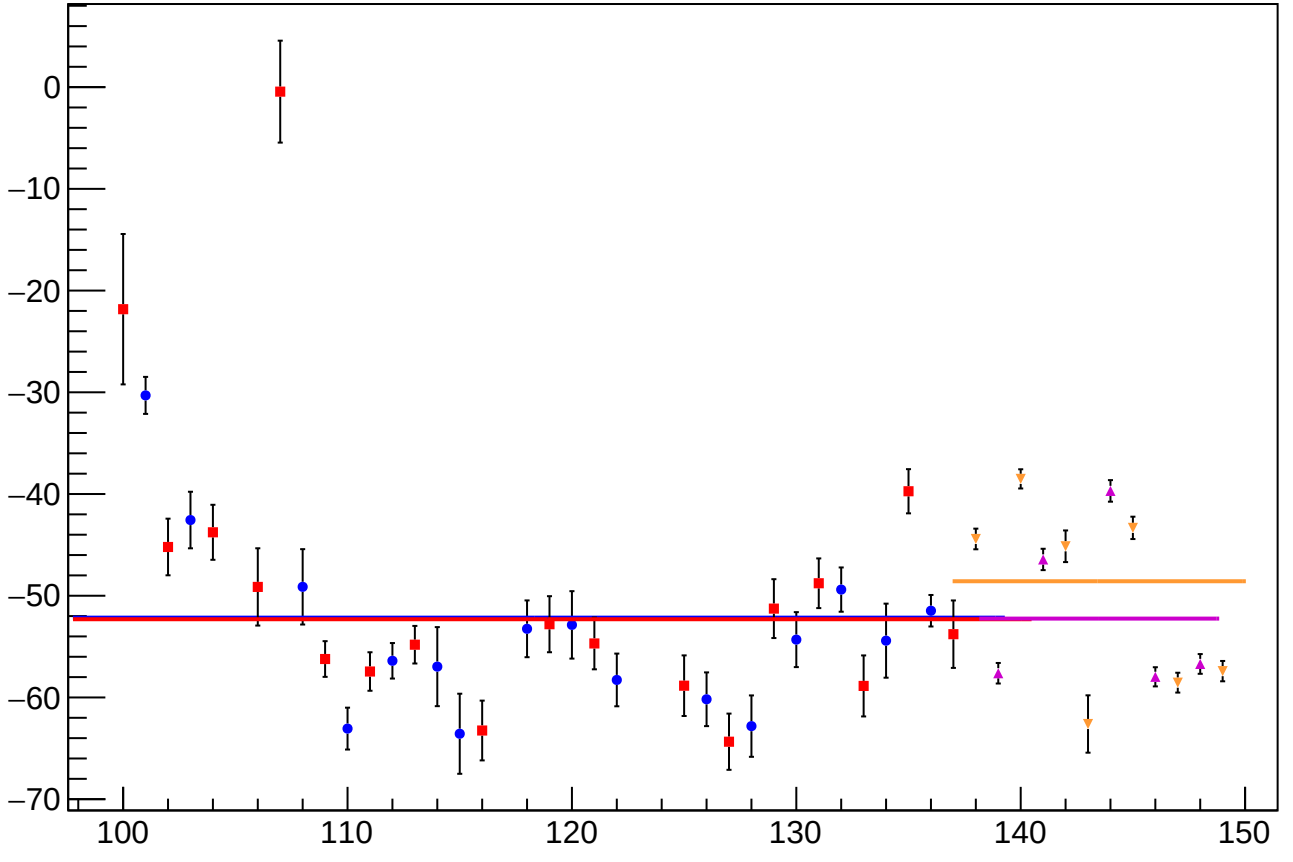
Right: 0.916+/-0.245 χ^2/NDF: 83.8/33

In: 0.286+/-0.224 χ^2/NDF:70.9/20

Out: 0.529+/-0.224 χ^2/NDF:178.0/24

All: 0.408+/-0.158 χ^2/NDF: 249.6/45

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: -48.575+/-0.426 χ^2/NDF:365.4/6

Right Out: -52.310+/-0.616 χ^2/NDF: 234.8/17

Left In: -52.247+/-0.449 χ^2/NDF:257.3/4

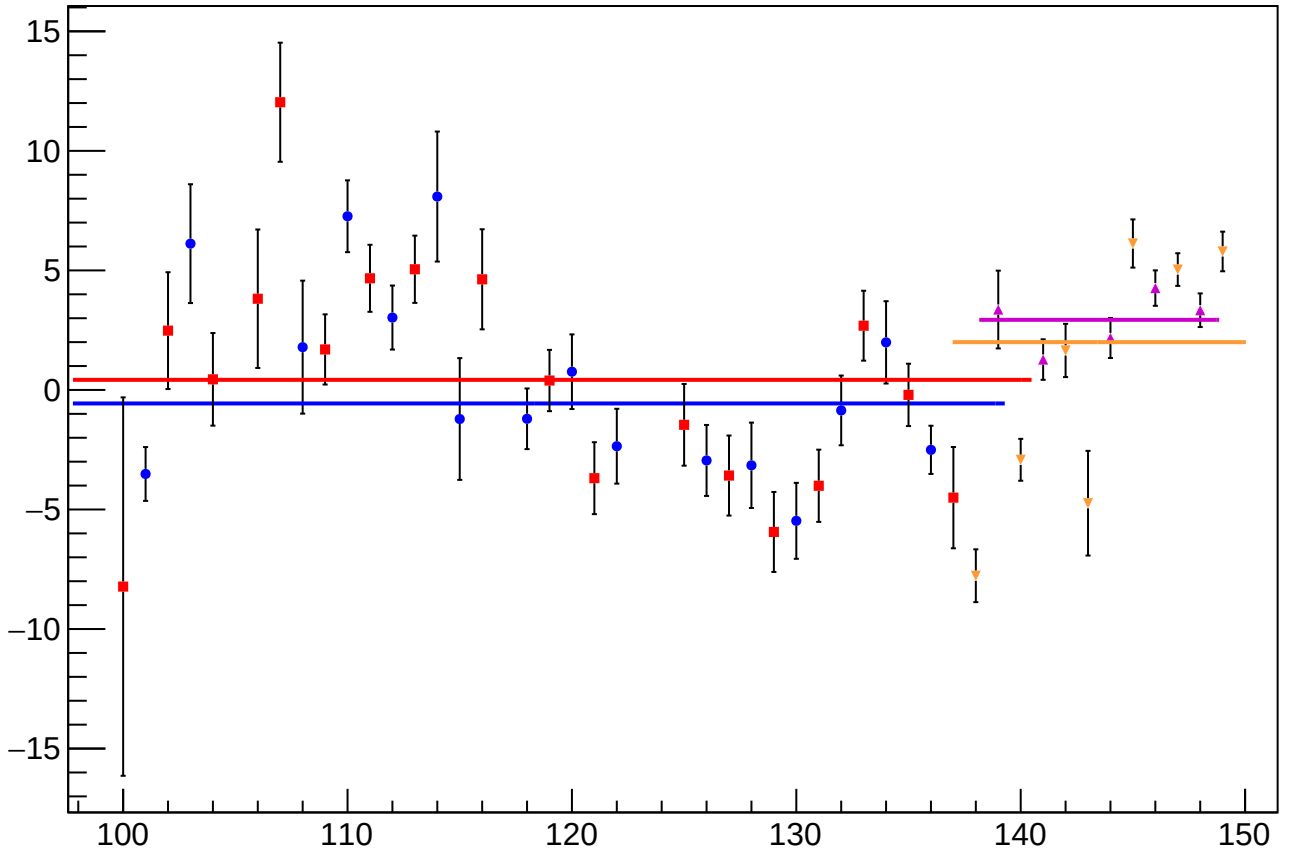
Left: -50.316+/-0.309 χ^2/NDF: 657.9/11

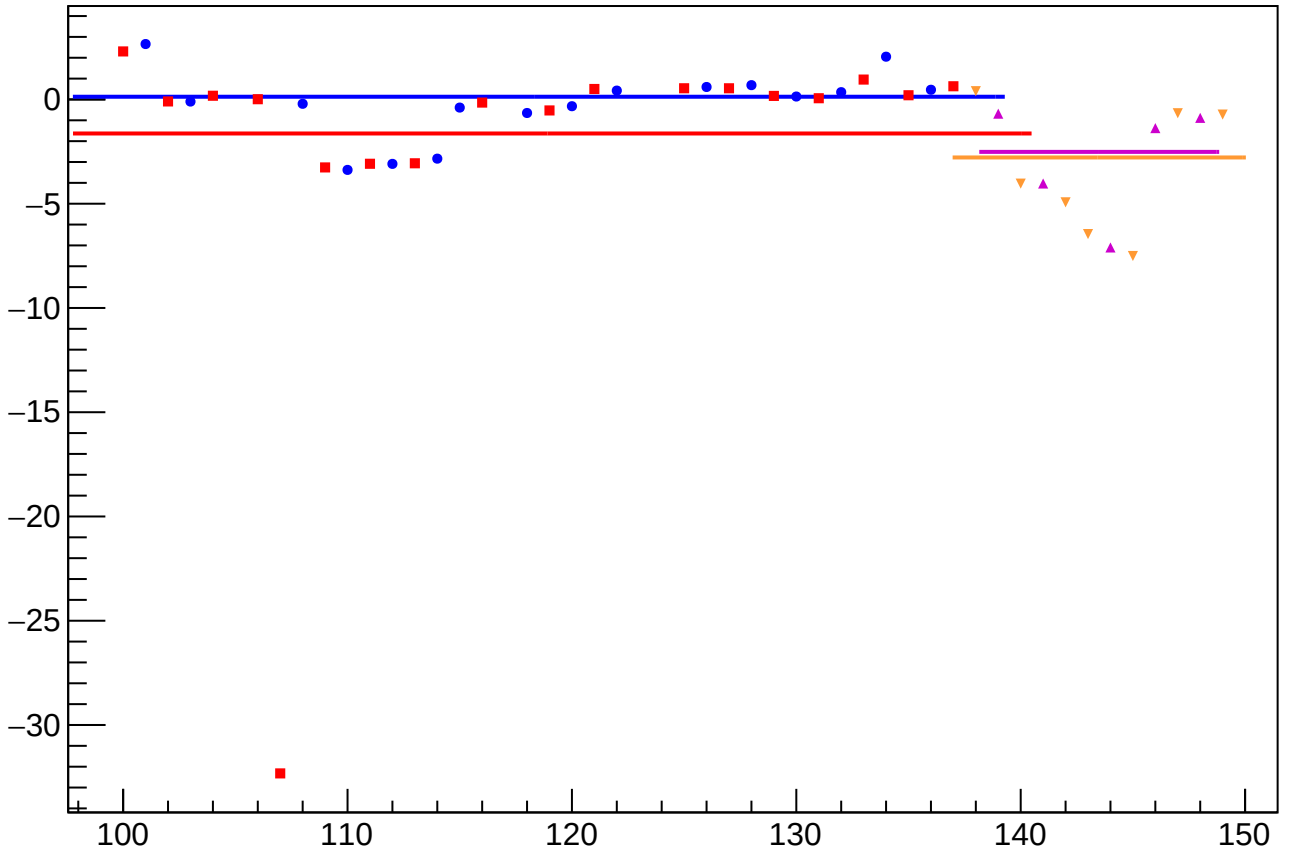
Right: -52.232+/-0.434 χ^2/NDF: 465.9/33

In: -52.215+/-0.362 χ^2/NDF:488.4/20

Out: -49.784+/-0.350 χ^2/NDF:625.1/24

All: -50.959+/-0.252 χ^2/NDF: 1136.7/45


reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
15
10
5
0
−5
−10
−15
100
110
120
130
140
150
Right In: -0.565+/-0.384 χ²/NDF: 81.8/15
Left Out: 1.999+/-0.360 χ²/NDF:176.7/6
Right Out: 0.423+/-0.400 χ²/NDF: 95.3/17
Left In: 2.933+/-0.377 χ²/NDF:8.3/4
Left: 2.444+/-0.260 χ²/NDF: 188.2/11
Right: -0.090+/-0.277 χ²/NDF: 180.3/33
In: 1.218+/-0.269 χ²/NDF:132.3/20
Out: 1.293+/-0.267 χ²/NDF:280.6/24
All: 1.256+/-0.190 χ²/NDF: 413.0/45



Right In: 0.130+/-0.022 χ^2/NDF: 5232.9/15

Left Out: -2.782+/-0.018 χ^2/NDF:25931.0/6

Right Out: -1.632+/-0.022 χ^2/NDF: 77874.4/17

Left In: -2.514+/-0.019 χ^2/NDF:15945.1/4

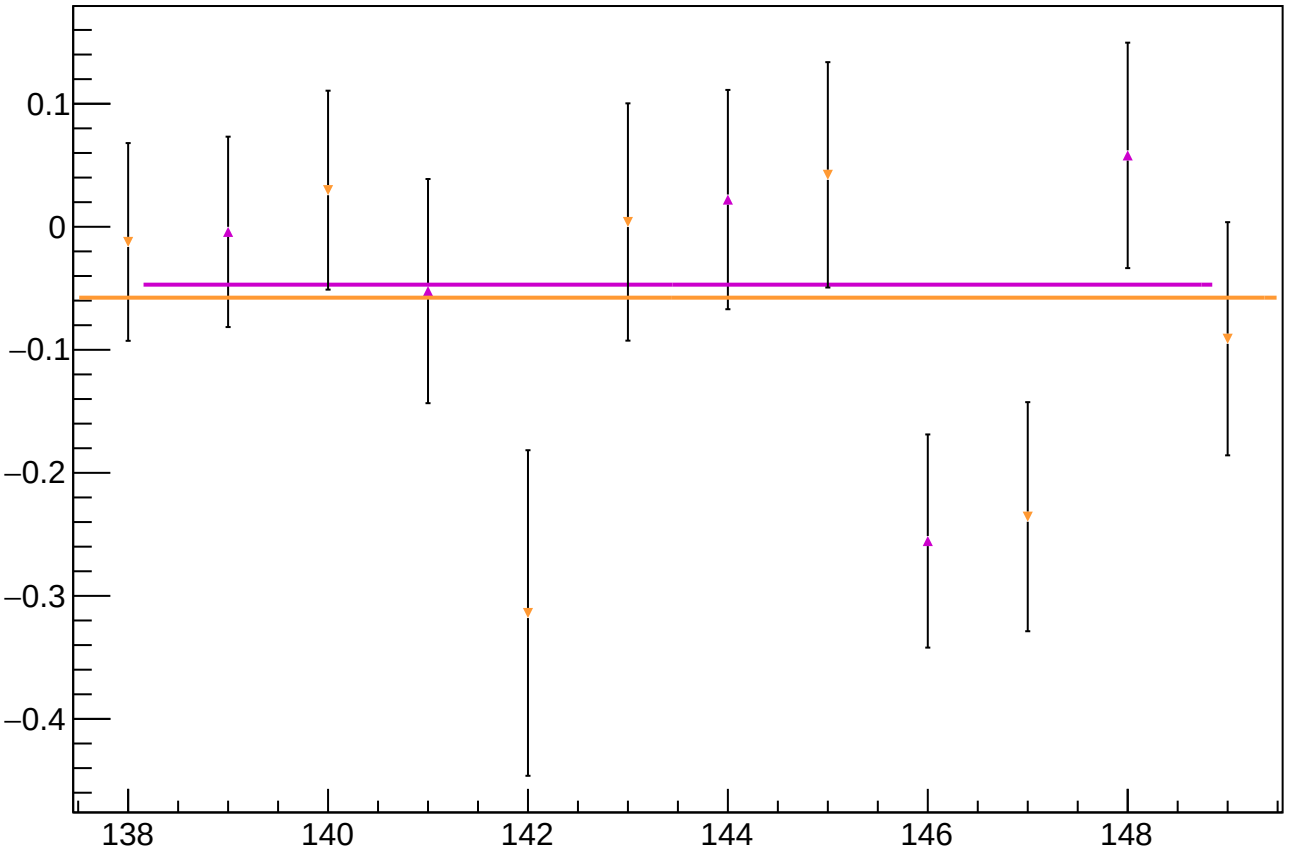
Left: -2.652+/-0.013 χ^2/NDF: 41984.1/11

Right: -0.739+/-0.015 χ^2/NDF: 86417.2/33

In: -1.389+/-0.014 χ^2/NDF:29858.6/20

Out: -2.318+/-0.014 χ^2/NDF:105464.8/24

All: -1.859+/-0.010 χ^2/NDF: 137540.0/45



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

Left Out: -0.058+/-0.035 χ^2/NDF:10.6/6

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

Left In: -0.047+/-0.039 χ^2/NDF:8.0/4

Left: -0.053+/-0.026 χ^2/NDF: 18.7/11

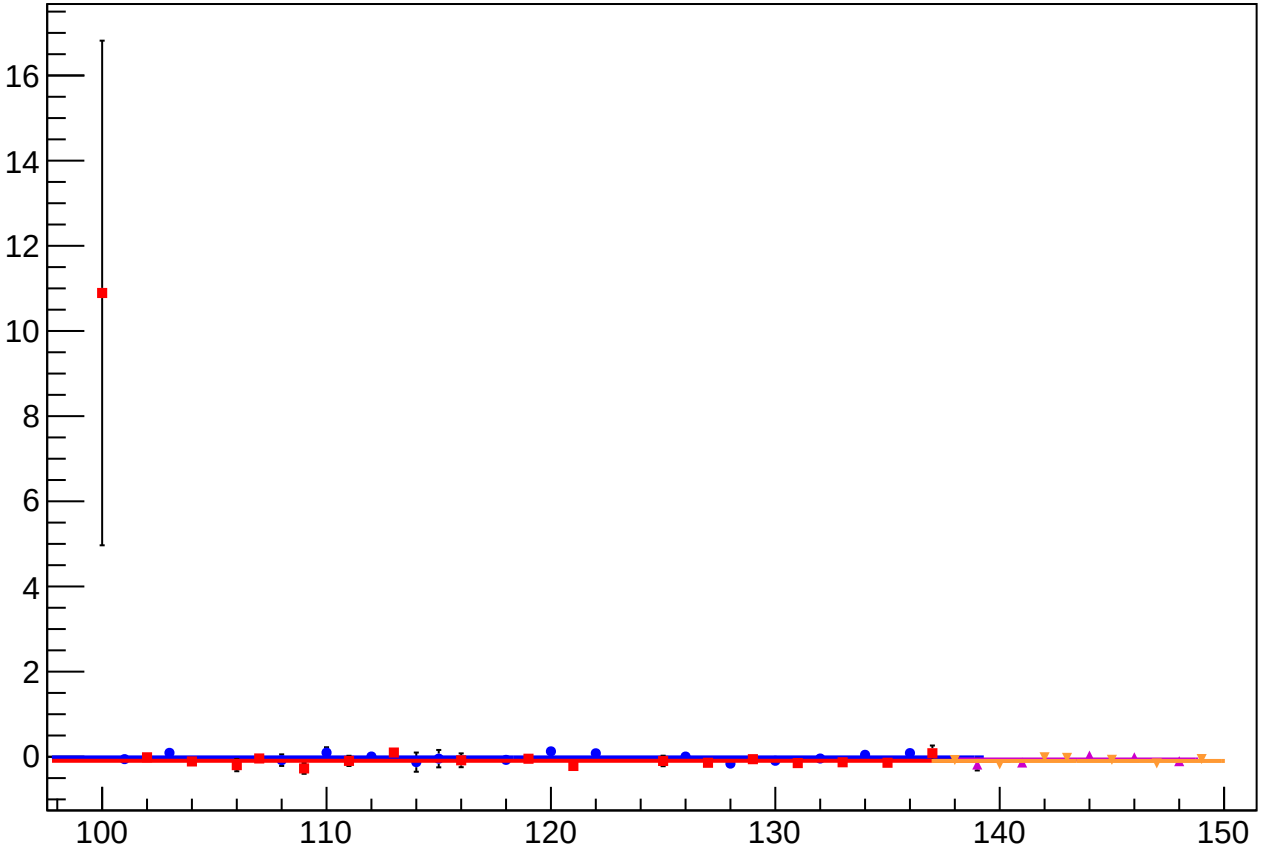
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.047+/-0.039 χ^2/NDF:8.0/4

Out: -0.058+/-0.035 χ^2/NDF:10.6/6

All: -0.053+/-0.026 χ^2/NDF: 18.7/11

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF: 12.5/15

Left Out: -0.097+/-0.024 χ^2/NDF:6.0/6

Right Out: -0.093+/-0.025 χ^2/NDF: 13.5/17

Left In: -0.063+/-0.027 χ^2/NDF:5.7/4

Left: -0.082+/-0.018 χ^2/NDF: 12.7/11

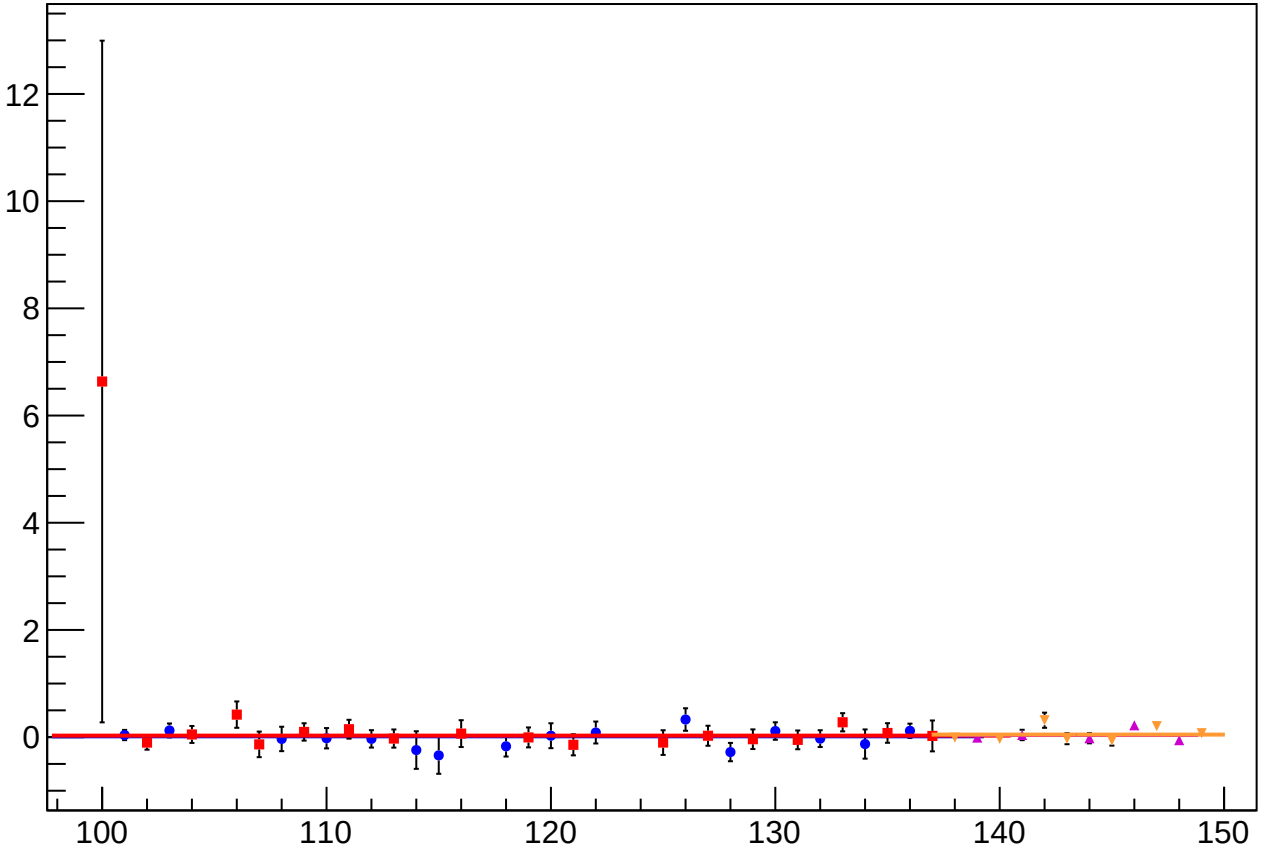
Right: -0.051+/-0.017 χ^2/NDF: 31.5/33

In: -0.035+/-0.018 χ^2/NDF:20.1/20

Out: -0.095+/-0.017 χ^2/NDF:19.6/24

All: -0.066+/-0.012 χ^2/NDF: 45.7/45

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: 0.047+/-0.036 χ^2/NDF:10.1/6

Right Out: 0.028+/-0.045 χ^2/NDF: 9.5/17

Left In: 0.039+/-0.040 χ^2/NDF:6.7/4

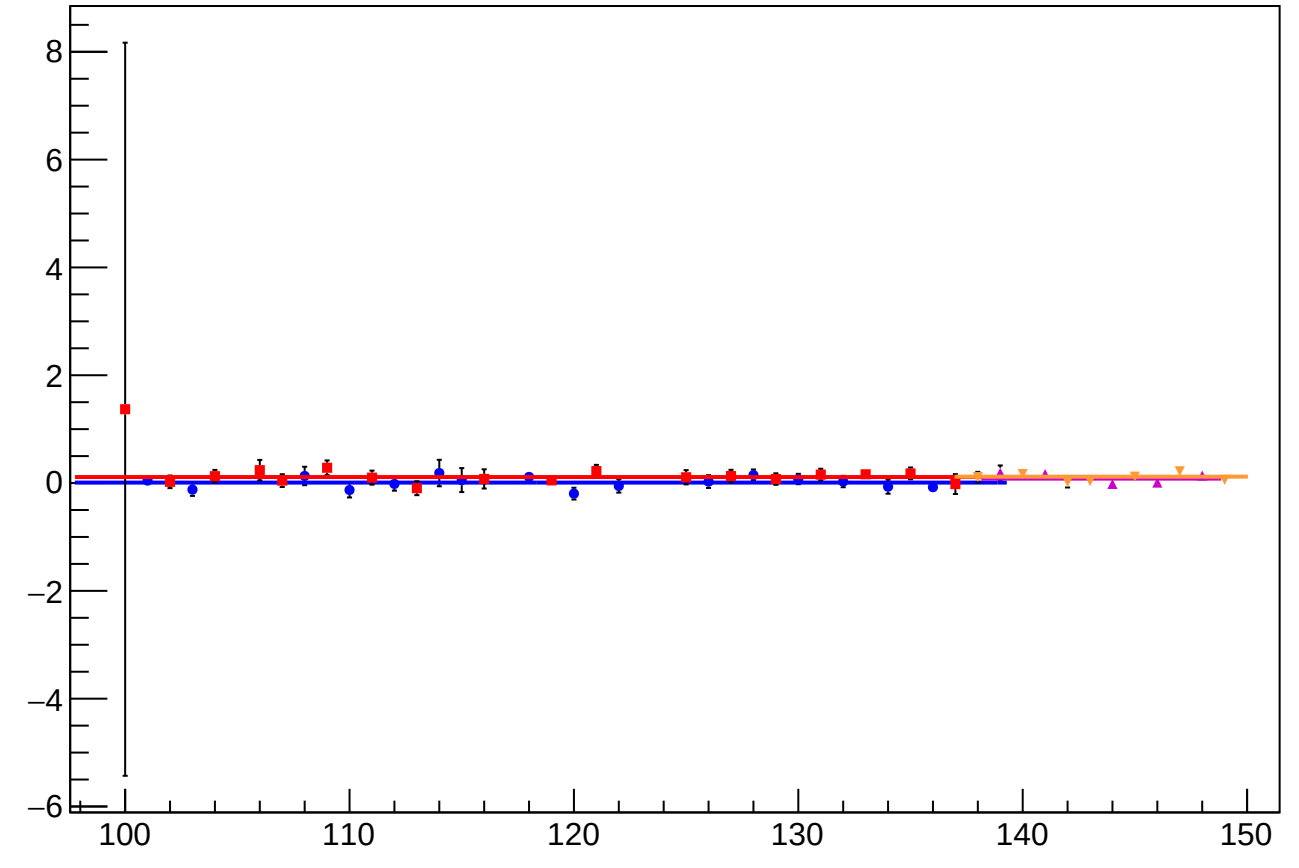
Left: 0.044+/-0.027 χ^2/NDF: 16.9/11

Right: 0.021+/-0.031 χ^2/NDF: 19.7/33

In: 0.028+/-0.029 χ^2/NDF:17.0/20

Out: 0.040+/-0.028 χ^2/NDF:19.7/24

All: 0.034+/-0.020 χ^2/NDF: 36.8/45



Right In: 0.009+/-0.027 χ^2/NDF: 12.6/15

Left Out: 0.118+/-0.030 χ^2/NDF:5.7/6

Right Out: 0.111+/-0.029 χ^2/NDF: 8.6/17

Left In: 0.082+/-0.034 χ^2/NDF:5.6/4

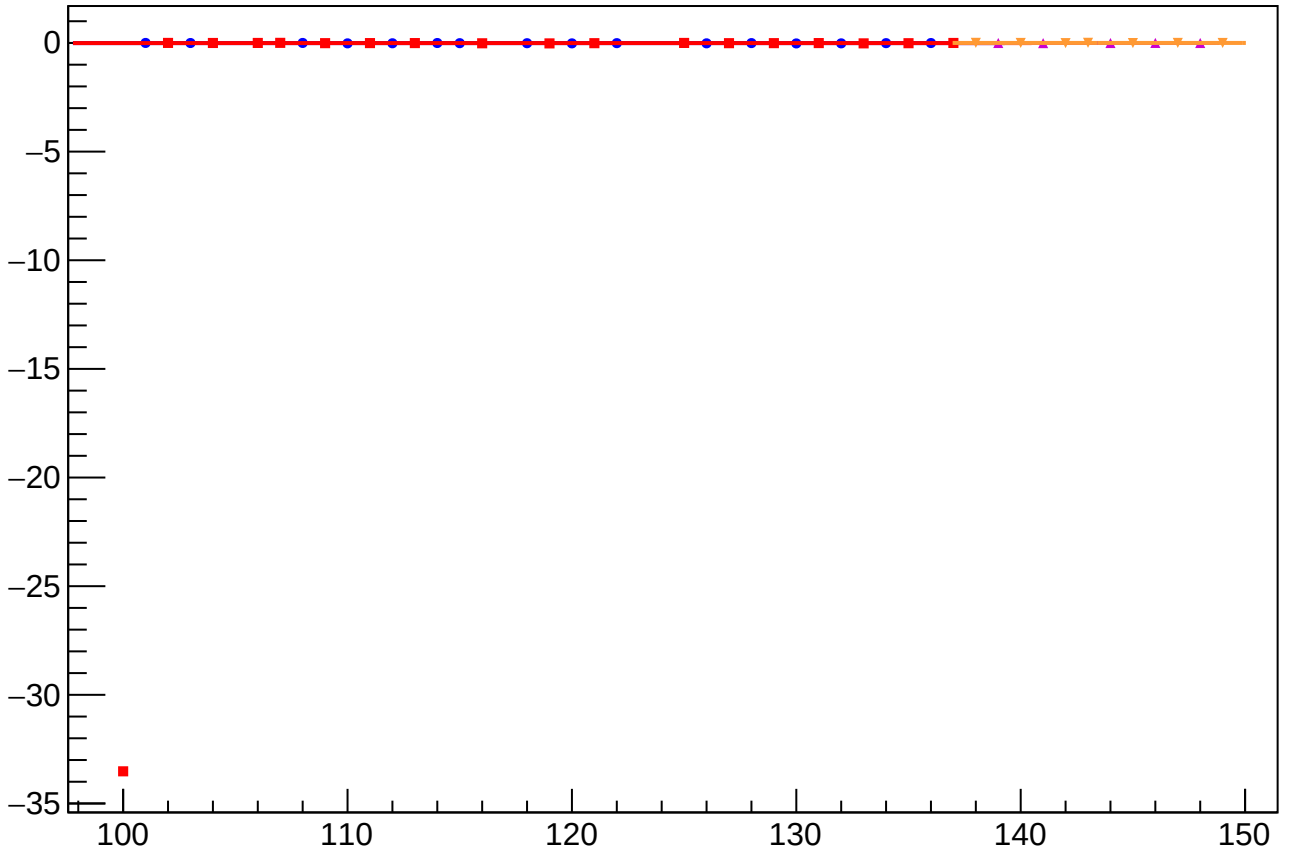
Left: 0.102+/-0.022 χ^2/NDF: 12.0/11

Right: 0.057+/-0.020 χ^2/NDF: 28.0/33

In: 0.037+/-0.021 χ^2/NDF:21.1/20

Out: 0.115+/-0.021 χ^2/NDF:14.4/24

All: 0.076+/-0.015 χ^2/NDF: 42.3/45



Right In: -0.005+/-0.001 χ^2/NDF: 22.3/15

Left Out: 0.001+/-0.001 χ^2/NDF:8.4/6

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.002+/-0.002 χ^2/NDF:3.0/4

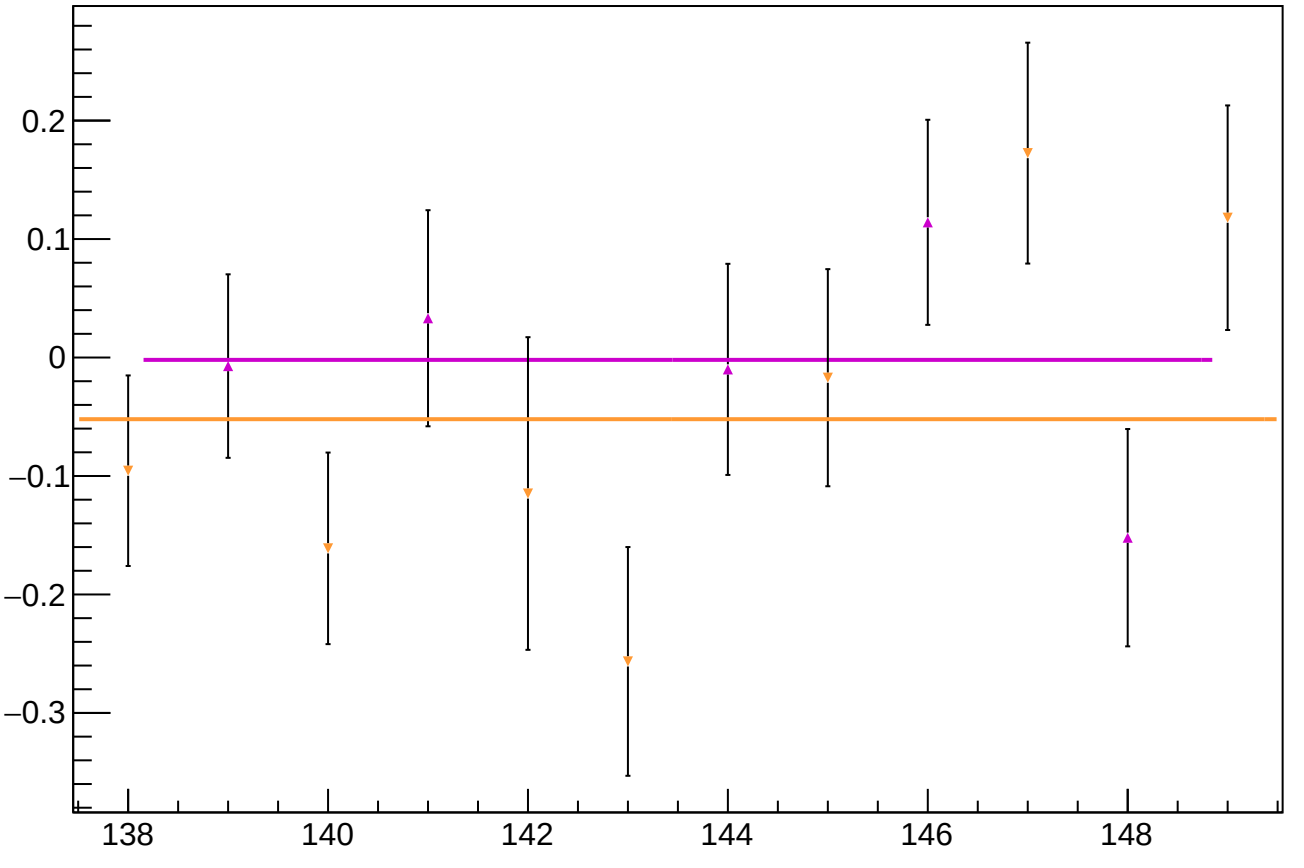
Left: -0.000+/-0.001 χ^2/NDF: 13.1/11

Right: -0.006+/-0.001 χ^2/NDF: 26531.2/33

In: -0.004+/-0.001 χ^2/NDF:28.1/20

Out: -0.002+/-0.001 χ^2/NDF:26528.6/24

All: -0.003+/-0.001 χ^2/NDF: 26557.6/45



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

Left Out: -0.052+/-0.035 χ^2/NDF:16.0/6

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

Left In: -0.002+/-0.039 χ^2/NDF:4.6/4

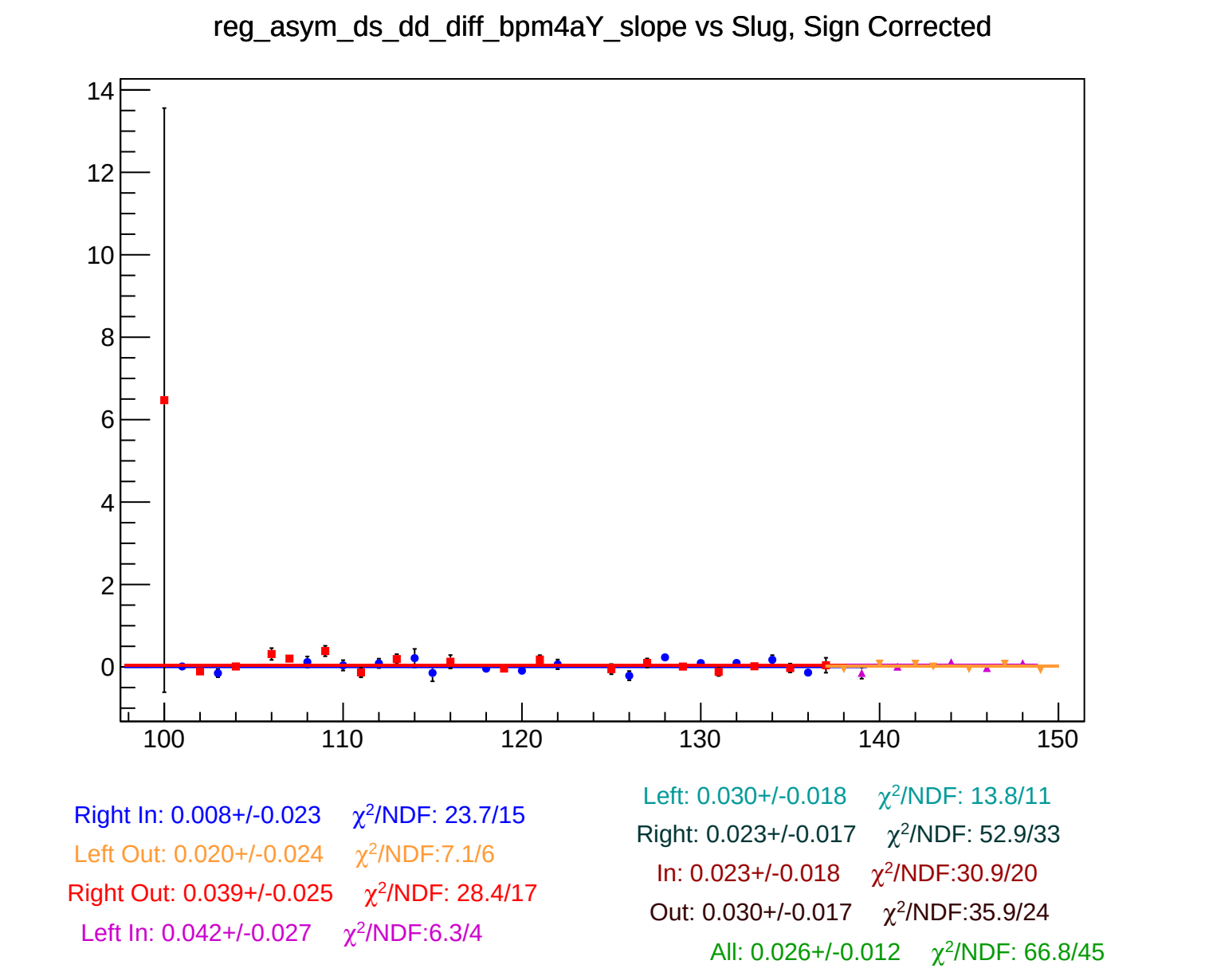
Left: -0.030+/-0.026 χ^2/NDF: 21.5/11

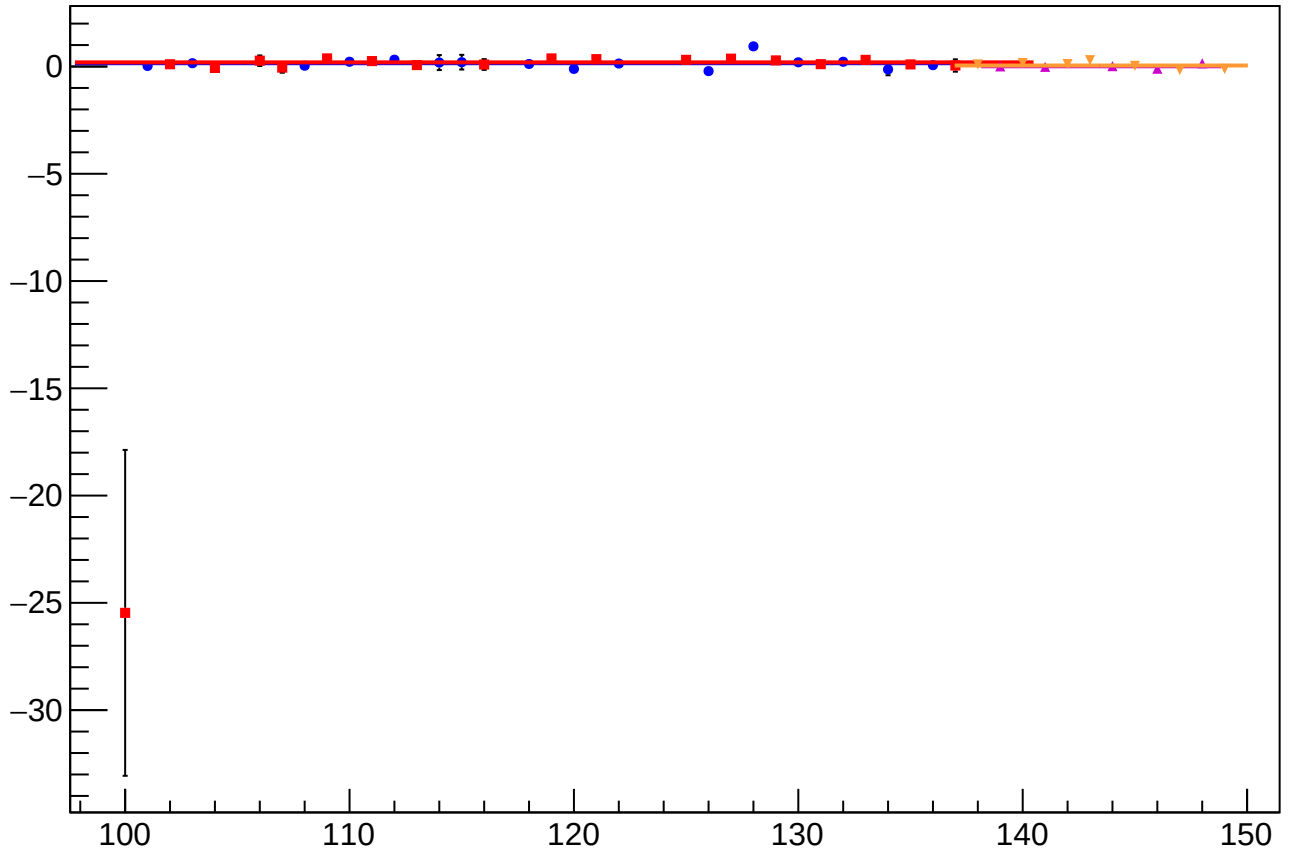
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.002+/-0.039 χ^2/NDF:4.6/4

Out: -0.052+/-0.035 χ^2/NDF:16.0/6

All: -0.030+/-0.026 χ^2/NDF: 21.5/11


reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
14
12
10
8
6
4
2
0
100
110
120
130
140
150
Right In: 0.008+/-0.023 χ2/NDF: 23.7/15
Left Out: 0.020+/-0.024 χ2/NDF:7.1/6
Right Out: 0.039+/-0.025 χ2/NDF: 28.4/17
Left In: 0.042+/-0.027 χ2/NDF:6.3/4
Left: 0.030+/-0.018 χ2/NDF: 13.8/11
Right: 0.023+/-0.017 χ2/NDF: 52.9/33
In: 0.023+/-0.018 χ2/NDF:30.9/20
Out: 0.030+/-0.017 χ2/NDF:35.9/24
All: 0.026+/-0.012 χ2/NDF: 66.8/45



Right In: 0.154+/-0.043 χ^2/NDF: 30.5/15

Left Out: 0.047+/-0.036 χ^2/NDF:17.1/6

Right Out: 0.193+/-0.045 χ^2/NDF: 22.0/17

Left In: 0.010+/-0.040 χ^2/NDF:4.5/4

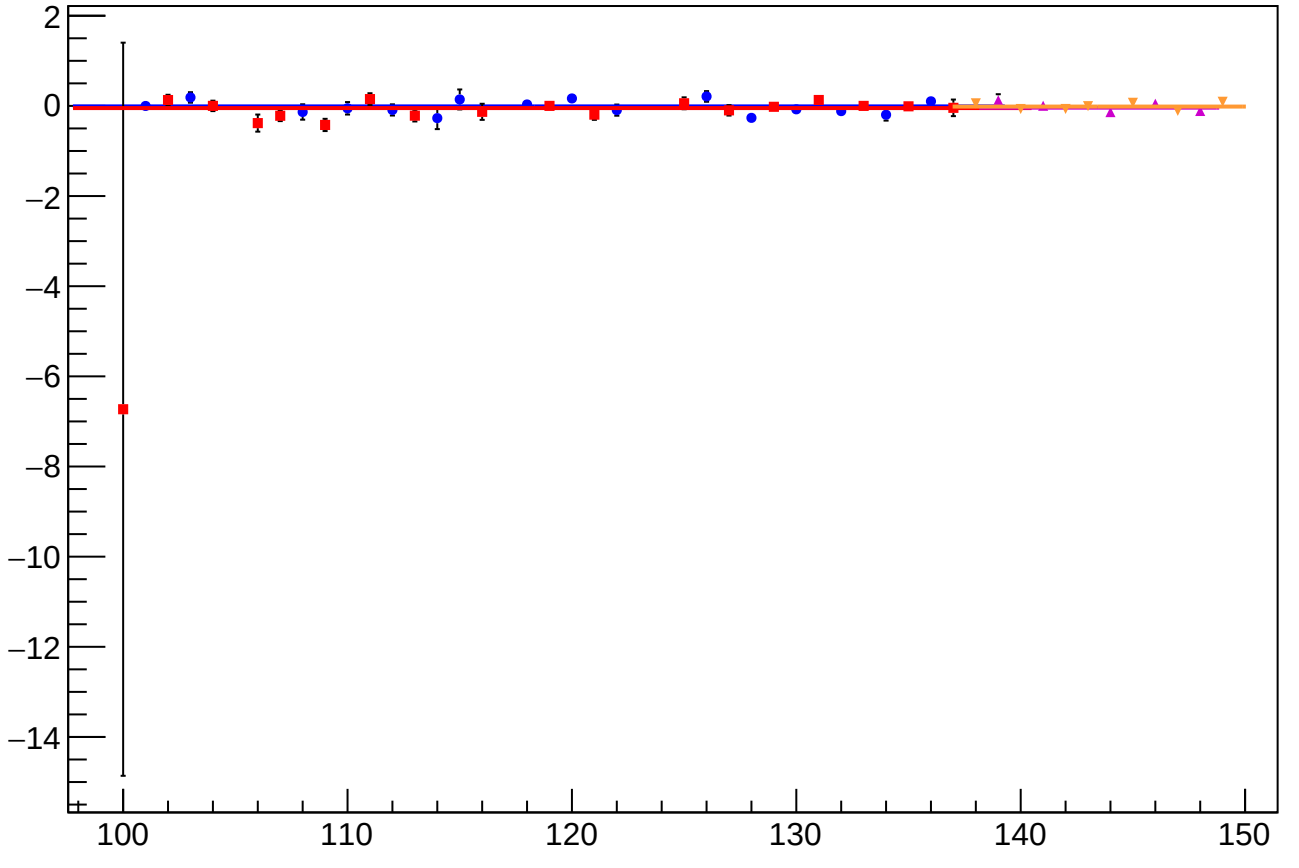
Left: 0.030+/-0.027 χ^2/NDF: 22.1/11

Right: 0.173+/-0.031 χ^2/NDF: 52.9/33

In: 0.076+/-0.029 χ^2/NDF:41.1/20

Out: 0.103+/-0.028 χ^2/NDF:45.6/24

All: 0.090+/-0.020 χ^2/NDF: 87.1/45



Right In: -0.011+/-0.027 χ^2/NDF: 23.4/15

Left Out: -0.015+/-0.030 χ^2/NDF:6.7/6

Right Out: -0.048+/-0.029 χ^2/NDF: 26.2/17

Left In: -0.039+/-0.034 χ^2/NDF:6.6/4

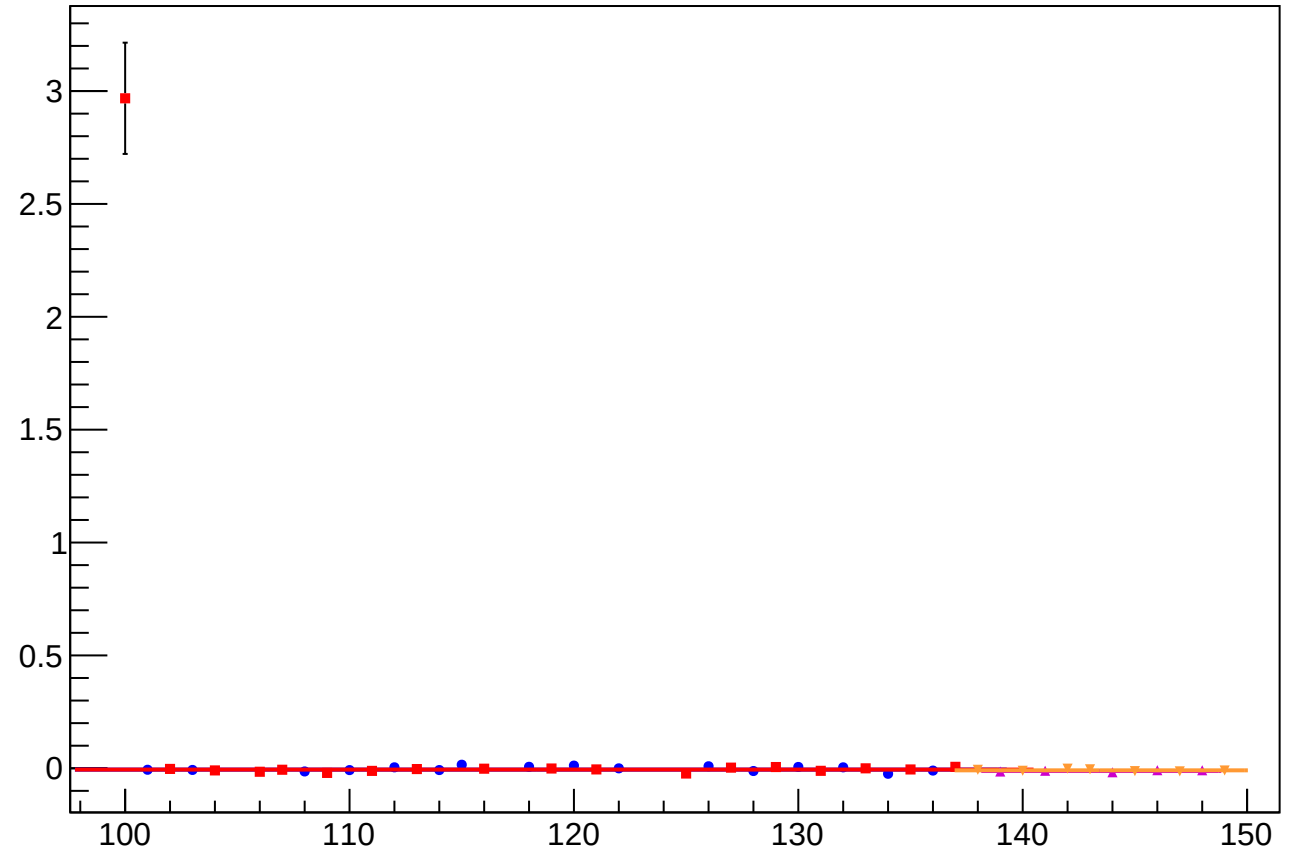
Left: -0.026+/-0.022 χ^2/NDF: 13.6/11

Right: -0.029+/-0.020 χ^2/NDF: 50.6/33

In: -0.022+/-0.021 χ^2/NDF:30.5/20

Out: -0.033+/-0.021 χ^2/NDF:33.6/24

All: -0.027+/-0.015 χ^2/NDF: 64.2/45



Right In: -0.006+/-0.001 χ^2/NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2/NDF:5.8/6

Right Out: -0.006+/-0.001 χ^2/NDF: 165.2/17

Left In: -0.012+/-0.002 χ^2/NDF:4.1/4

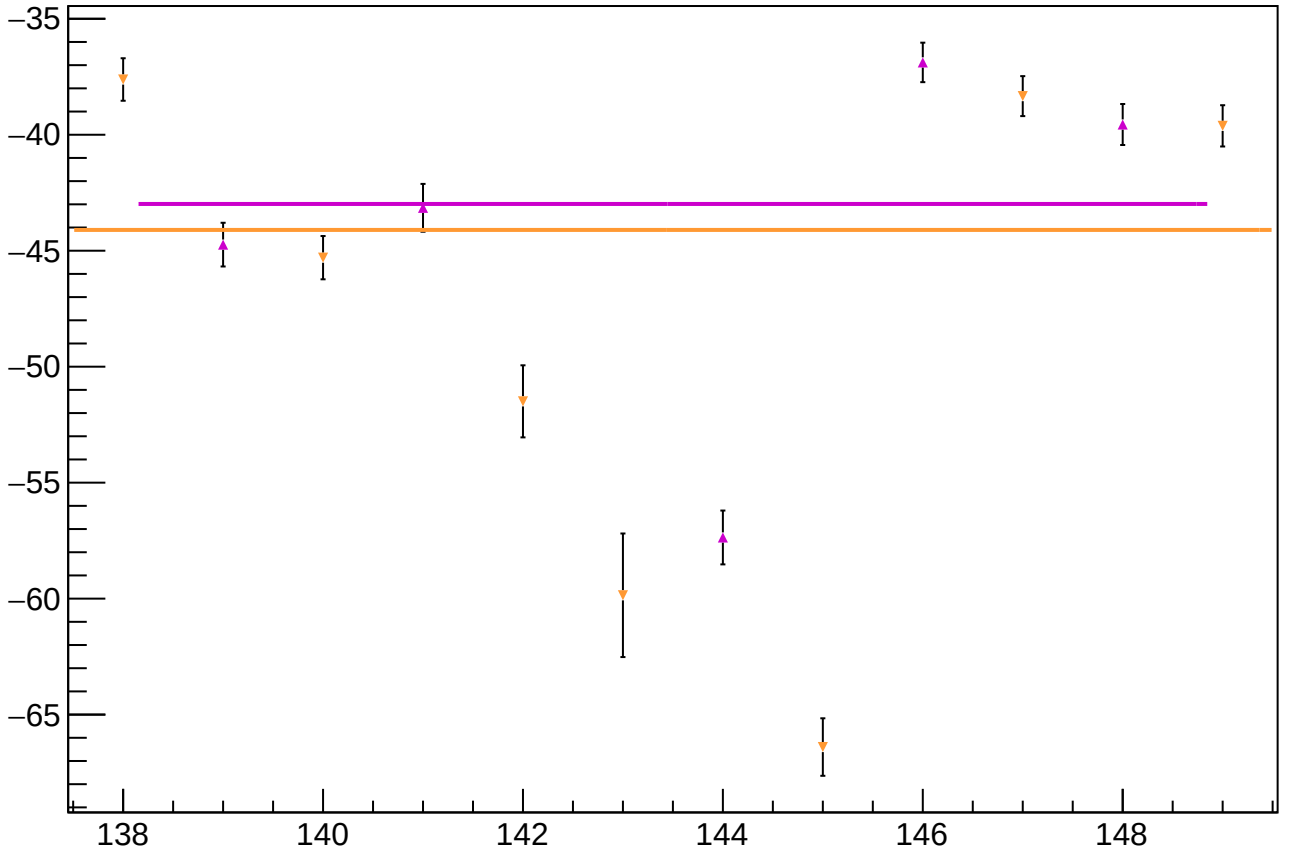
Left: -0.010+/-0.001 χ^2/NDF: 11.8/11

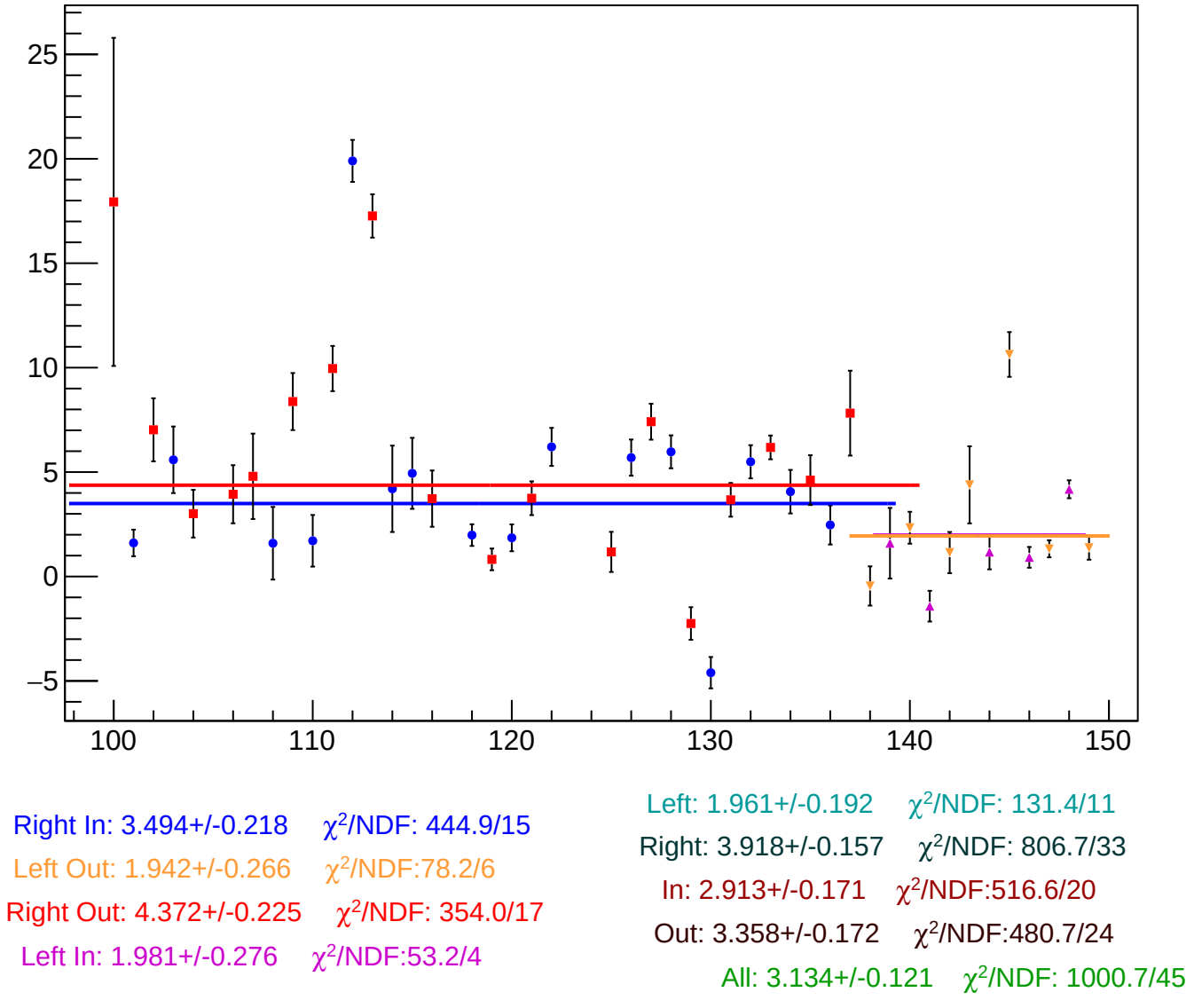
Right: -0.006+/-0.001 χ^2/NDF: 193.9/33

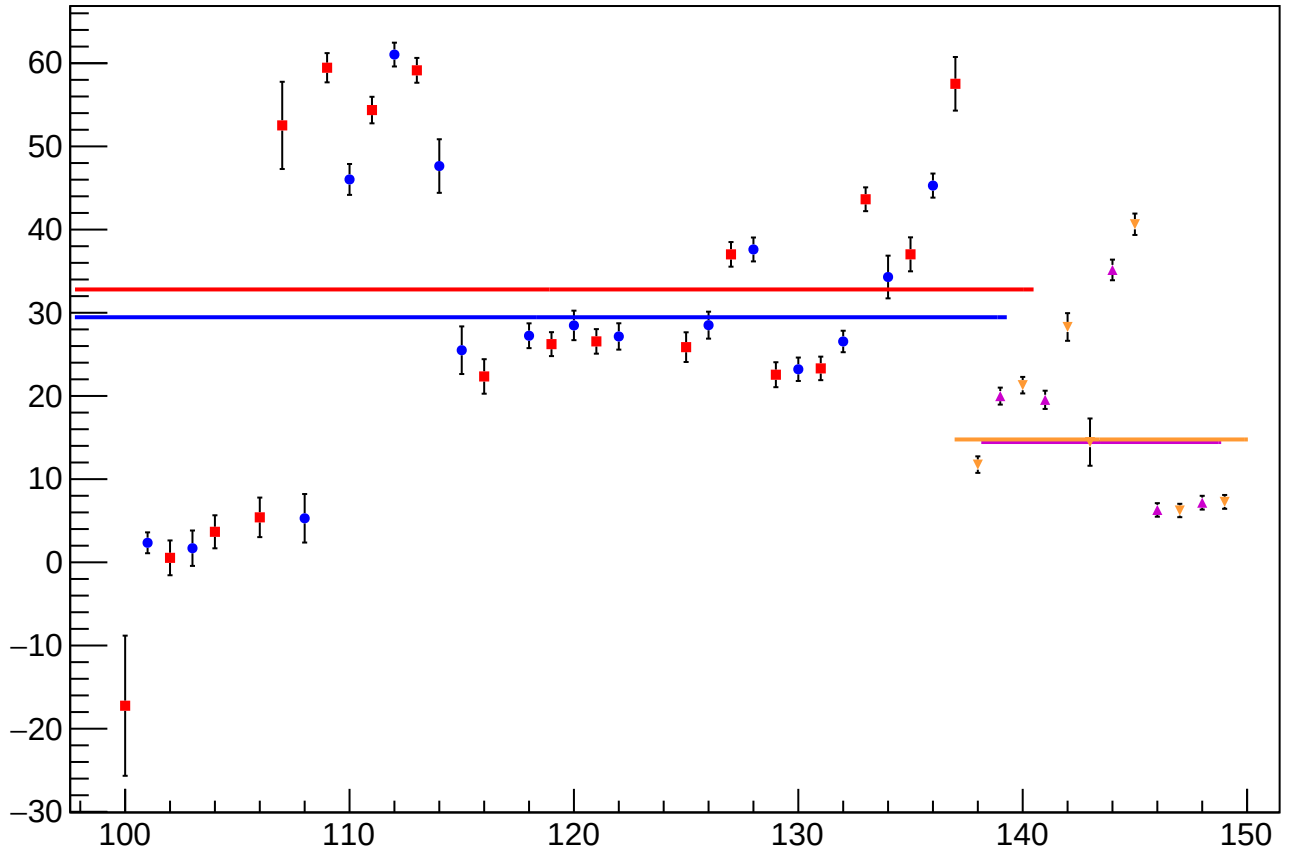
In: -0.009+/-0.001 χ^2/NDF:40.9/20

Out: -0.007+/-0.001 χ^2/NDF:173.5/24

All: -0.008+/-0.001 χ^2/NDF: 215.1/45


reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected
−35
−40
−45
−50
−55
−60
−65
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -44.104+/-0.403 χ²/NDF:503.1/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -42.984+/-0.428 χ²/NDF:223.5/4
Left: -43.577+/-0.293 χ²/NDF: 730.2/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -42.984+/-0.428 χ²/NDF:223.5/4
Out: -44.104+/-0.403 χ²/NDF:503.1/6
All: -43.577+/-0.293 χ²/NDF: 730.2/11


reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
25
20
15
10
5
0
−5
100
110
120
130
140
150
Right In: 3.494+/-0.218 χ²/NDF: 444.9/15
Left Out: 1.942+/-0.266 χ²/NDF:78.2/6
Right Out: 4.372+/-0.225 χ²/NDF: 354.0/17
Left In: 1.981+/-0.276 χ²/NDF:53.2/4
Left: 1.961+/-0.192 χ²/NDF: 131.4/11
Right: 3.918+/-0.157 χ²/NDF: 806.7/33
In: 2.913+/-0.171 χ²/NDF:516.6/20
Out: 3.358+/-0.172 χ²/NDF:480.7/24
All: 3.134+/-0.121 χ²/NDF: 1000.7/45



Right In: 29.463+/-0.418 χ^2/NDF: 1491.6/15

Left Out: 14.770+/-0.405 χ^2/NDF:717.1/6

Right Out: 32.804+/-0.423 χ^2/NDF: 1659.8/17

Left In: 14.463+/-0.430 χ^2/NDF:506.8/4

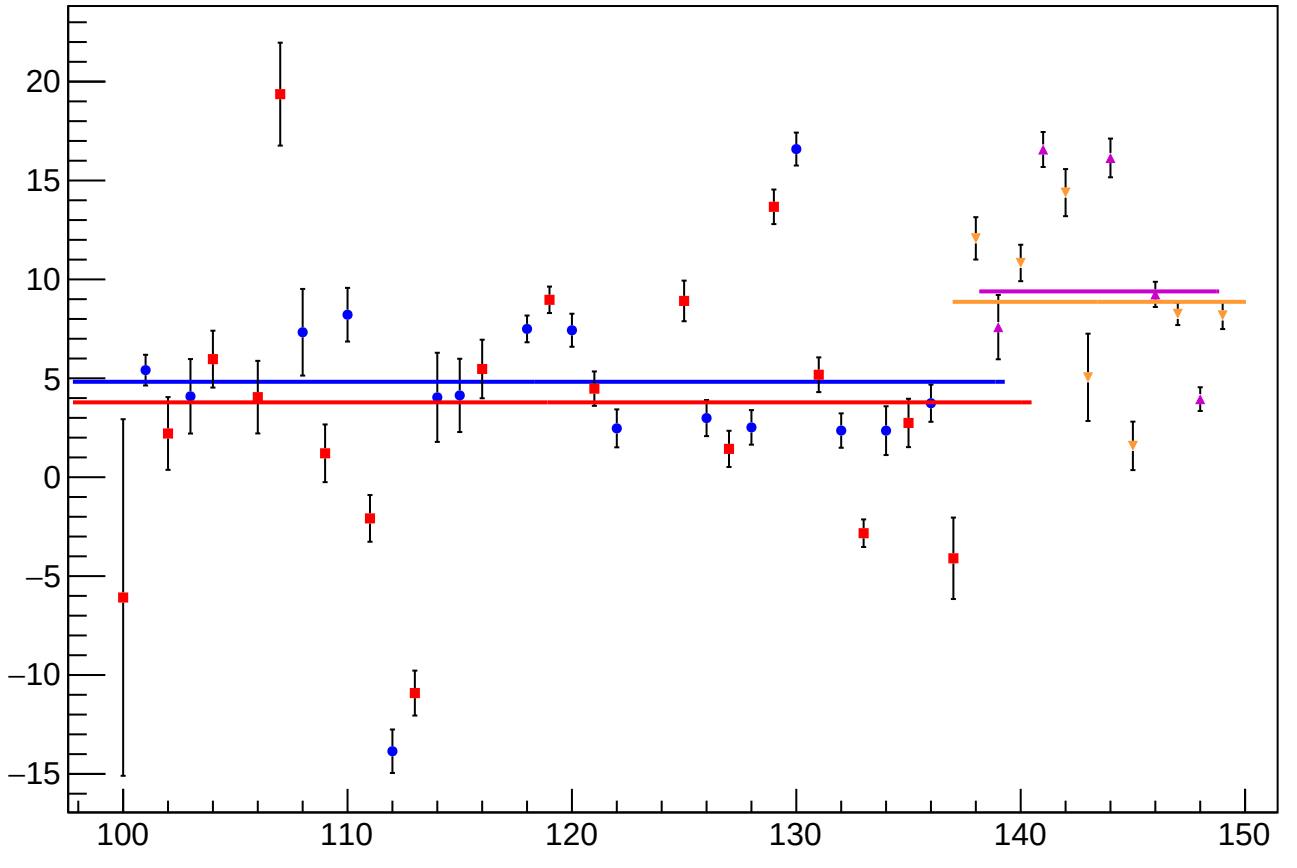
Left: 14.625+/-0.295 χ^2/NDF: 1224.1/11

Right: 31.111+/-0.297 χ^2/NDF: 3183.0/33

In: 22.183+/-0.300 χ^2/NDF:2624.8/20

Out: 23.388+/-0.292 χ^2/NDF:3325.9/24

All: 22.800+/-0.209 χ^2/NDF: 5959.0/45



Right In: 4.824+/-0.252 χ^2/NDF: 552.9/15

Left Out: 8.866+/-0.335 χ^2/NDF:75.6/6

Right Out: 3.784+/-0.259 χ^2/NDF: 564.8/17

Left In: 9.393+/-0.355 χ^2/NDF:197.0/4

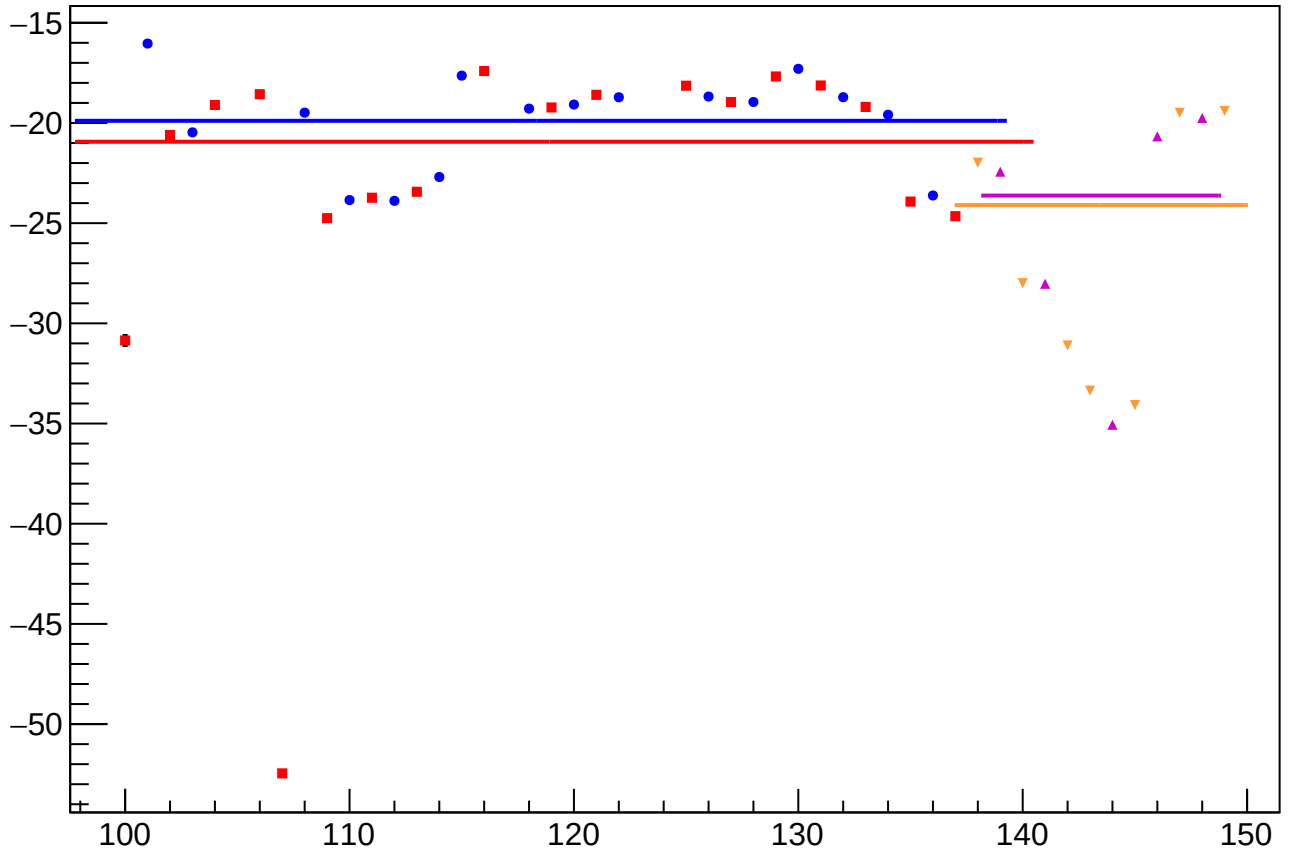
Left: 9.115+/-0.244 χ^2/NDF: 273.7/11

Right: 4.319+/-0.180 χ^2/NDF: 1126.1/33

In: 6.354+/-0.205 χ^2/NDF:860.4/20

Out: 5.681+/-0.205 χ^2/NDF:784.2/24

All: 6.017+/-0.145 χ^2/NDF: 1650.0/45



Right In: -19.892+/-0.016 χ^2/NDF: 26092.3/15

Left Out: -24.097+/-0.017 χ^2/NDF:98746.7/6

Right Out: -20.936+/-0.016 χ^2/NDF: 94127.3/17

Left In: -23.623+/-0.018 χ^2/NDF:73214.4/4

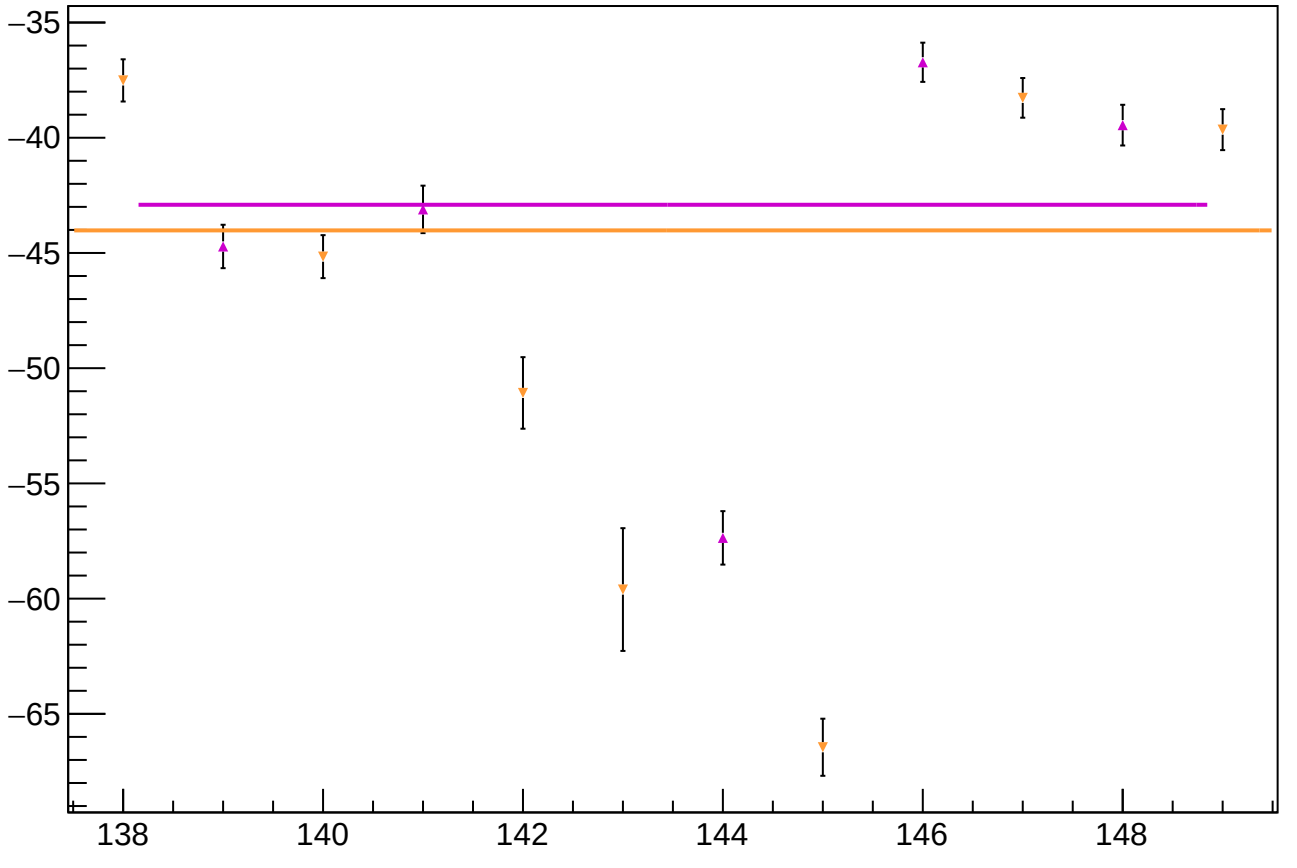
Left: -23.868+/-0.012 χ^2/NDF: 172324.2/11

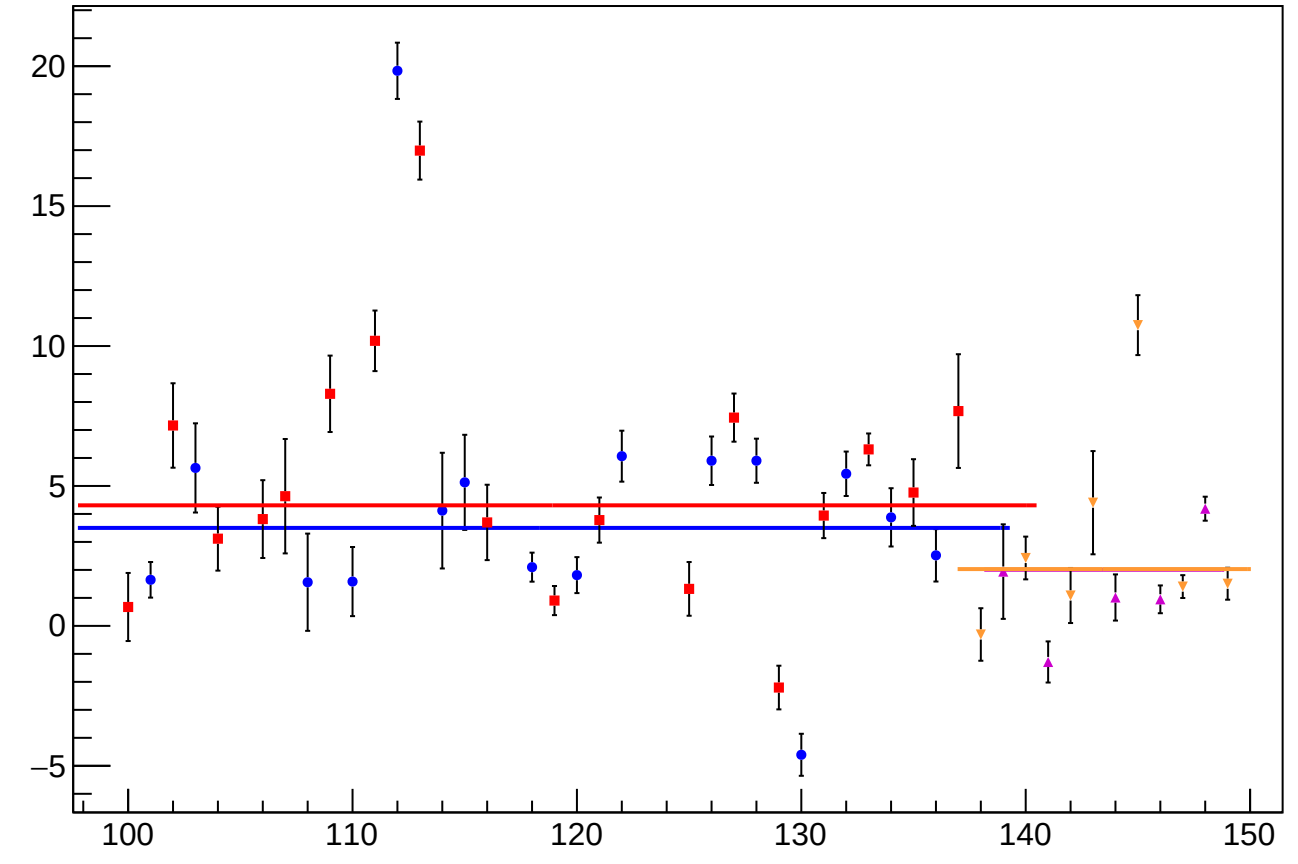
Right: -20.410+/-0.011 χ^2/NDF: 122445.5/33

In: -21.504+/-0.012 χ^2/NDF:124054.3/20

Out: -22.364+/-0.012 χ^2/NDF:211154.1/24

All: -21.938+/-0.008 χ^2/NDF: 337916.4/45


reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected
−35
−40
−45
−50
−55
−60
−65
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -44.021+/-0.403 χ²/NDF:503.5/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -42.909+/-0.427 χ²/NDF:227.2/4
Left: -43.497+/-0.293 χ²/NDF: 734.3/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -42.909+/-0.427 χ²/NDF:227.2/4
Out: -44.021+/-0.403 χ²/NDF:503.5/6
All: -43.497+/-0.293 χ²/NDF: 734.3/11



Right In: 3.501+/-0.218 χ^2/NDF: 441.9/15

Left Out: 2.030+/-0.266 χ^2/NDF:78.5/6

Right Out: 4.308+/-0.221 χ^2/NDF: 352.8/17

Left In: 2.006+/-0.276 χ^2/NDF:52.0/4

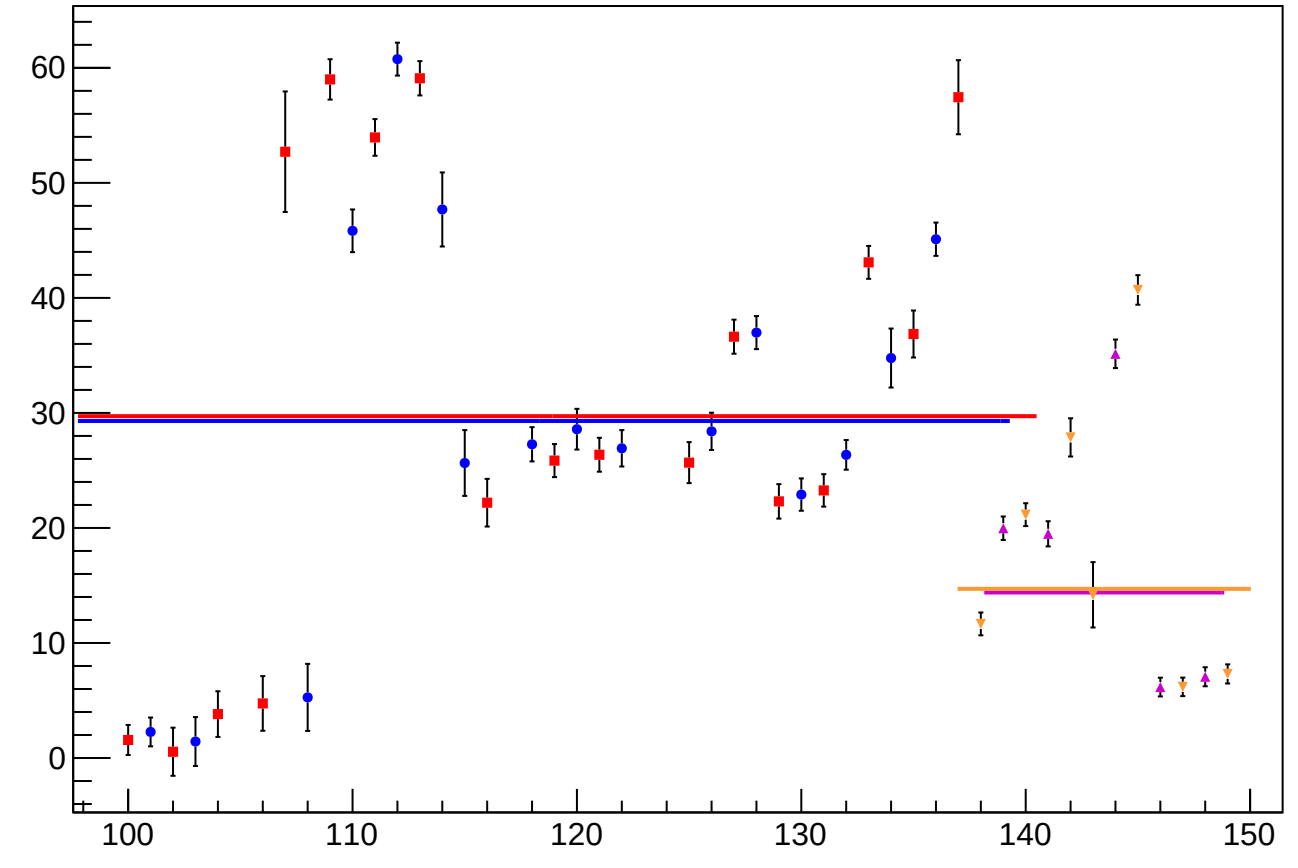
Left: 2.018+/-0.191 χ^2/NDF: 130.5/11

Right: 3.897+/-0.155 χ^2/NDF: 801.4/33

In: 2.927+/-0.171 χ^2/NDF:512.0/20

Out: 3.376+/-0.170 χ^2/NDF:474.6/24

All: 3.152+/-0.121 χ^2/NDF: 990.1/45



Right In: 29.297+/-0.417 χ^2/NDF: 1485.2/15

Left Out: 14.706+/-0.404 χ^2/NDF:714.6/6

Right Out: 29.719+/-0.403 χ^2/NDF: 2128.9/17

Left In: 14.389+/-0.430 χ^2/NDF:512.1/4

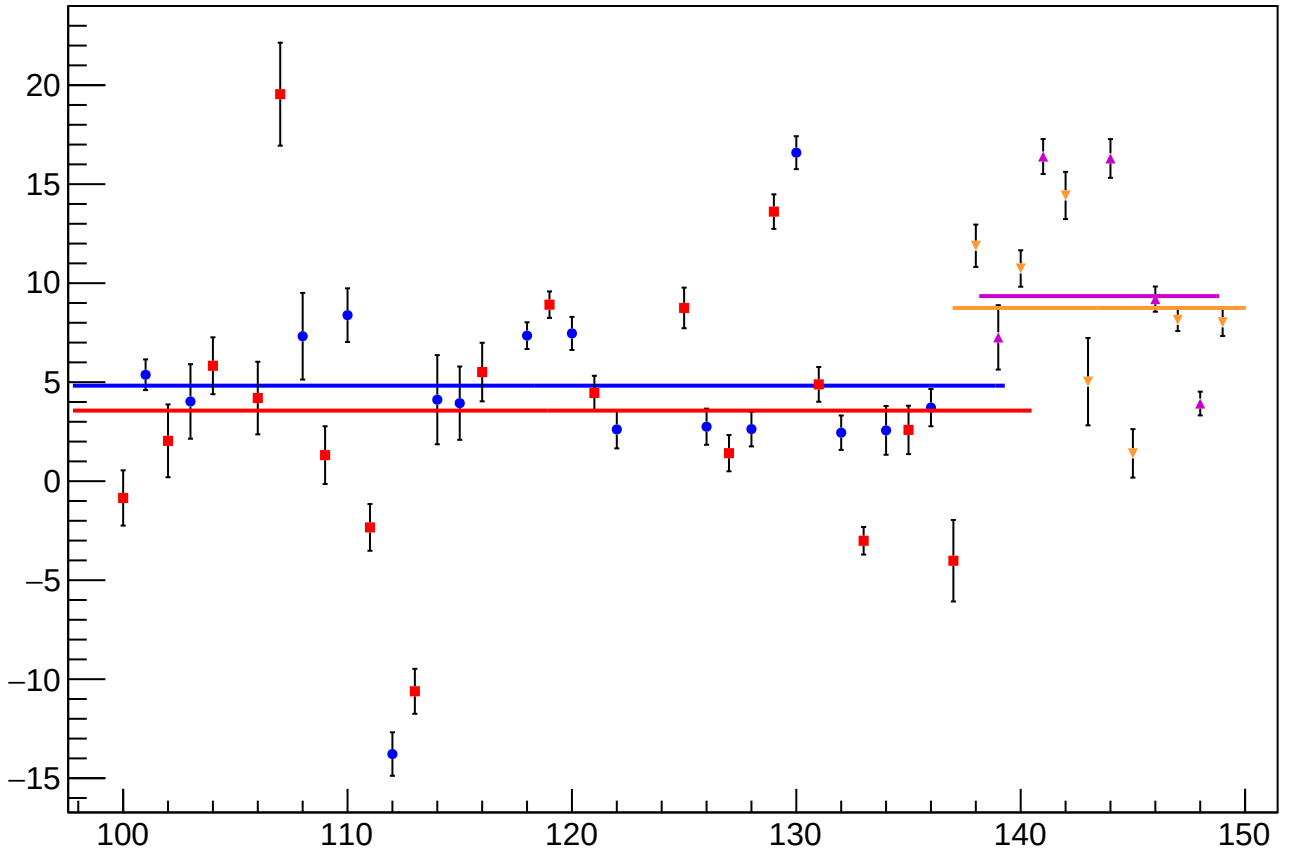
Left: 14.557+/-0.295 χ^2/NDF: 1227.0/11

Right: 29.515+/-0.290 χ^2/NDF: 3614.7/33

In: 22.062+/-0.299 χ^2/NDF:2616.9/20

Out: 22.248+/-0.285 χ^2/NDF:3535.6/24

All: 22.159+/-0.207 χ^2/NDF: 6152.7/45



Right In: 4.824+/-0.252 χ^2/NDF: 549.2/15

Left Out: 8.750+/-0.335 χ^2/NDF:77.2/6

Right Out: 3.564+/-0.254 χ^2/NDF: 570.2/17

Left In: 9.347+/-0.354 χ^2/NDF:197.7/4

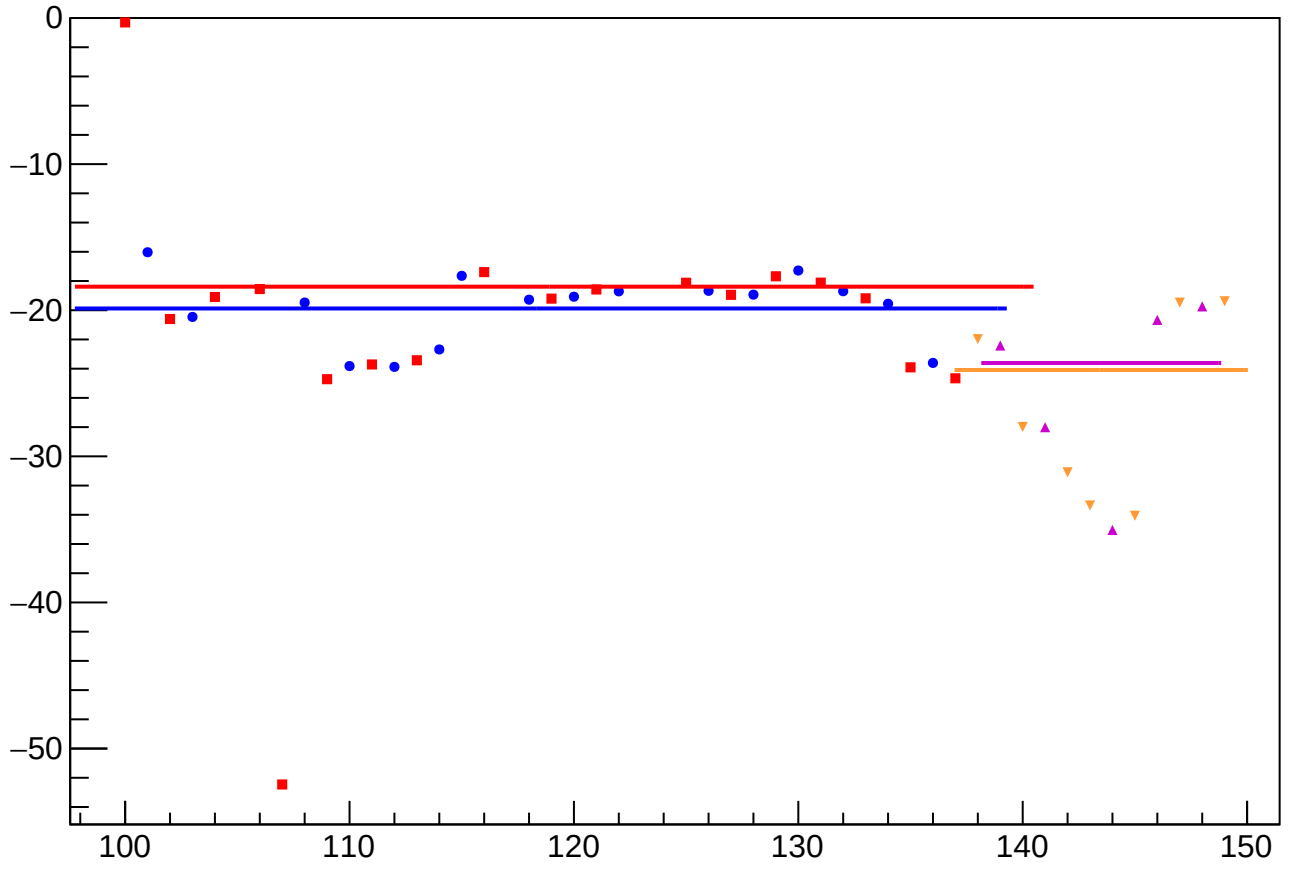
Left: 9.032+/-0.244 χ^2/NDF: 276.4/11

Right: 4.201+/-0.179 χ^2/NDF: 1131.9/33

In: 6.339+/-0.205 χ^2/NDF:855.2/20

Out: 5.459+/-0.203 χ^2/NDF:799.2/24

All: 5.894+/-0.144 χ^2/NDF: 1663.8/45



Right In: -19.880+/-0.016 χ^2/NDF: 26082.0/15

Left Out: -24.089+/-0.017 χ^2/NDF:98821.8/6

Right Out: -18.387+/-0.015 χ^2/NDF: 301256.3/17

Left In: -23.611+/-0.018 χ^2/NDF:73171.3/4

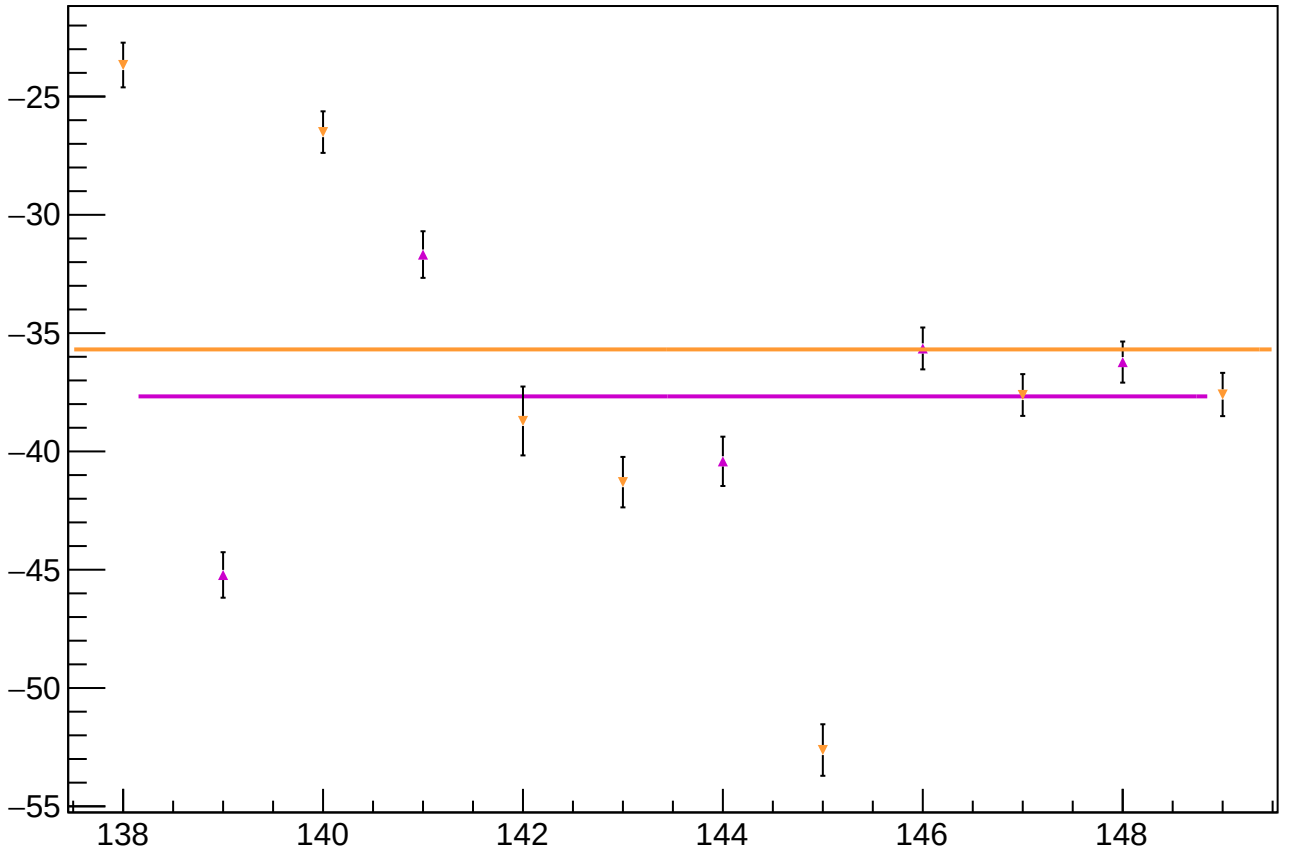
Left: -23.857+/-0.012 χ^2/NDF: 172362.7/11

Right: -19.093+/-0.011 χ^2/NDF: 332185.5/33

In: -21.492+/-0.012 χ^2/NDF:124023.9/20

Out: -20.785+/-0.011 χ^2/NDF:462995.9/24

All: -21.122+/-0.008 χ^2/NDF: 588911.4/45



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

Left Out: -35.689+/-0.376 χ^2/NDF:554.1/6

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

Left In: -37.674+/-0.421 χ^2/NDF:113.6/4

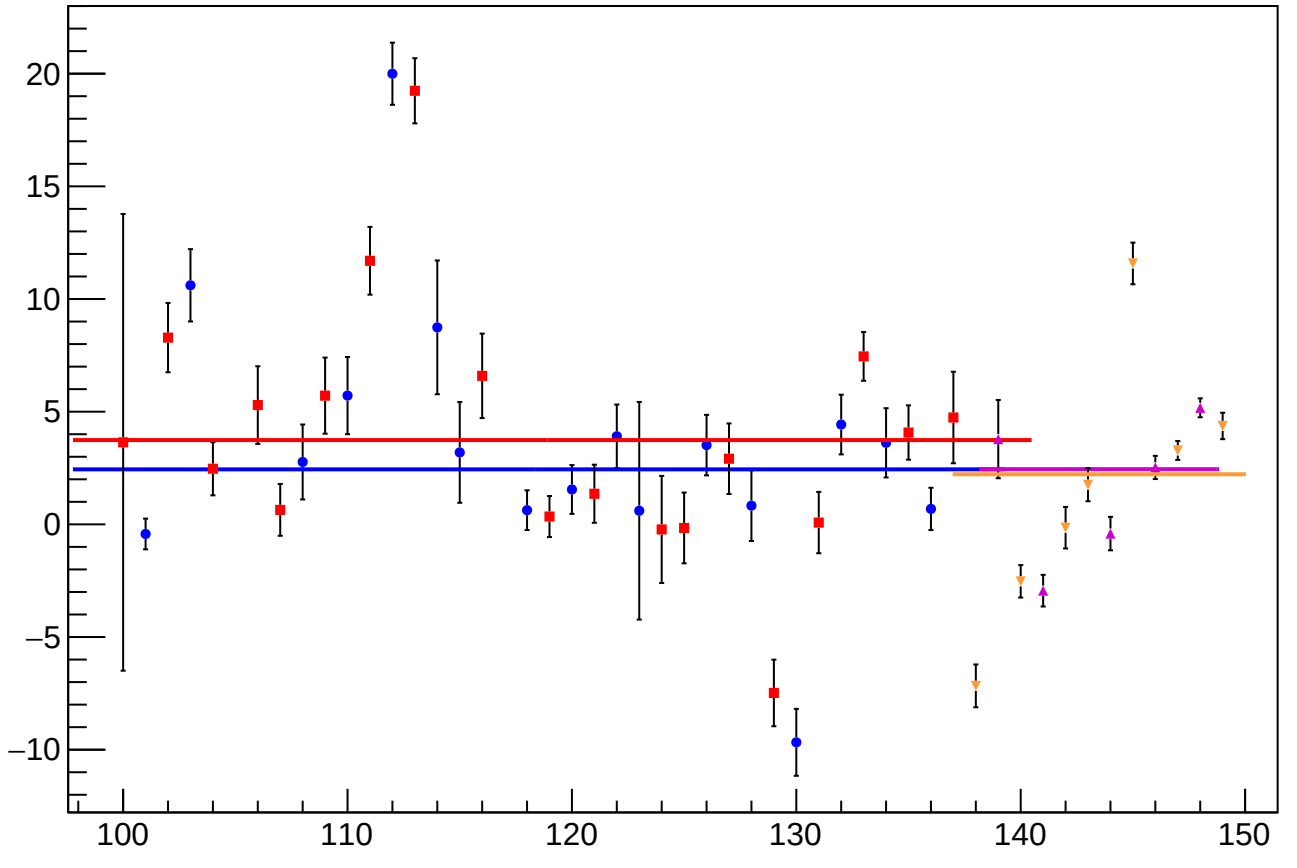
Left: -36.568+/-0.280 χ^2/NDF: 680.1/11

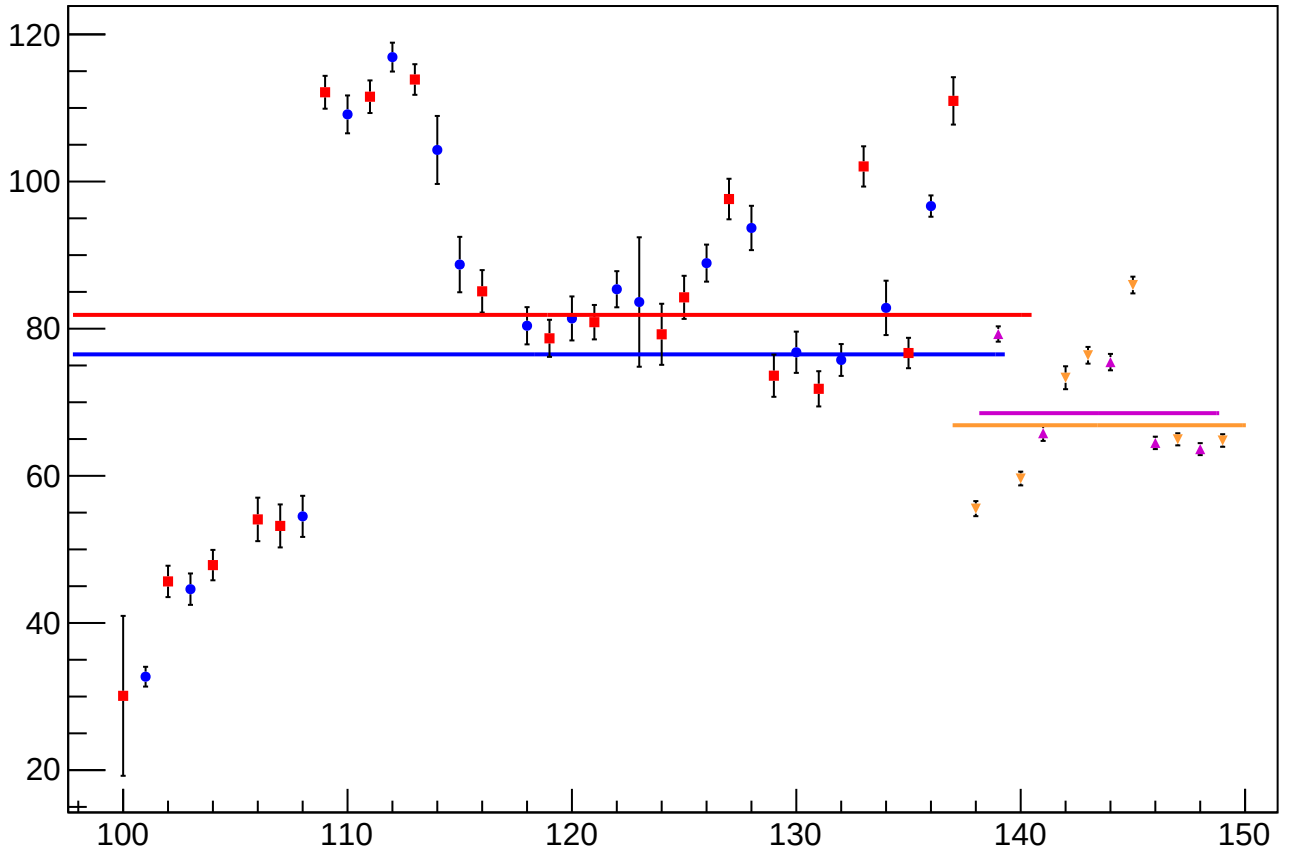
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.674+/-0.421 χ^2/NDF:113.6/4

Out: -35.689+/-0.376 χ^2/NDF:554.1/6

All: -36.568+/-0.280 χ^2/NDF: 680.1/11


reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
20
15
10
5
0
−5
−10
100
110
120
130
140
150
Right In: 2.441+/-0.311 χ²/NDF: 294.7/16
Left Out: 2.223+/-0.251 χ²/NDF:270.3/6
Right Out: 3.740+/-0.326 χ²/NDF: 268.1/18
Left In: 2.449+/-0.271 χ²/NDF:116.0/4
Left: 2.327+/-0.184 χ²/NDF: 386.7/11
Right: 3.060+/-0.225 χ²/NDF: 571.1/35
In: 2.446+/-0.205 χ²/NDF:410.7/21
Out: 2.787+/-0.199 χ²/NDF:552.0/25
All: 2.621+/-0.143 χ²/NDF: 964.1/47



Right In: 76.509+/-0.574 χ^2/NDF: 2250.9/16

Left Out: 66.876+/-0.381 χ^2/NDF:561.6/6

Right Out: 81.875+/-0.592 χ^2/NDF: 1570.7/18

Left In: 68.518+/-0.425 χ^2/NDF:211.2/4

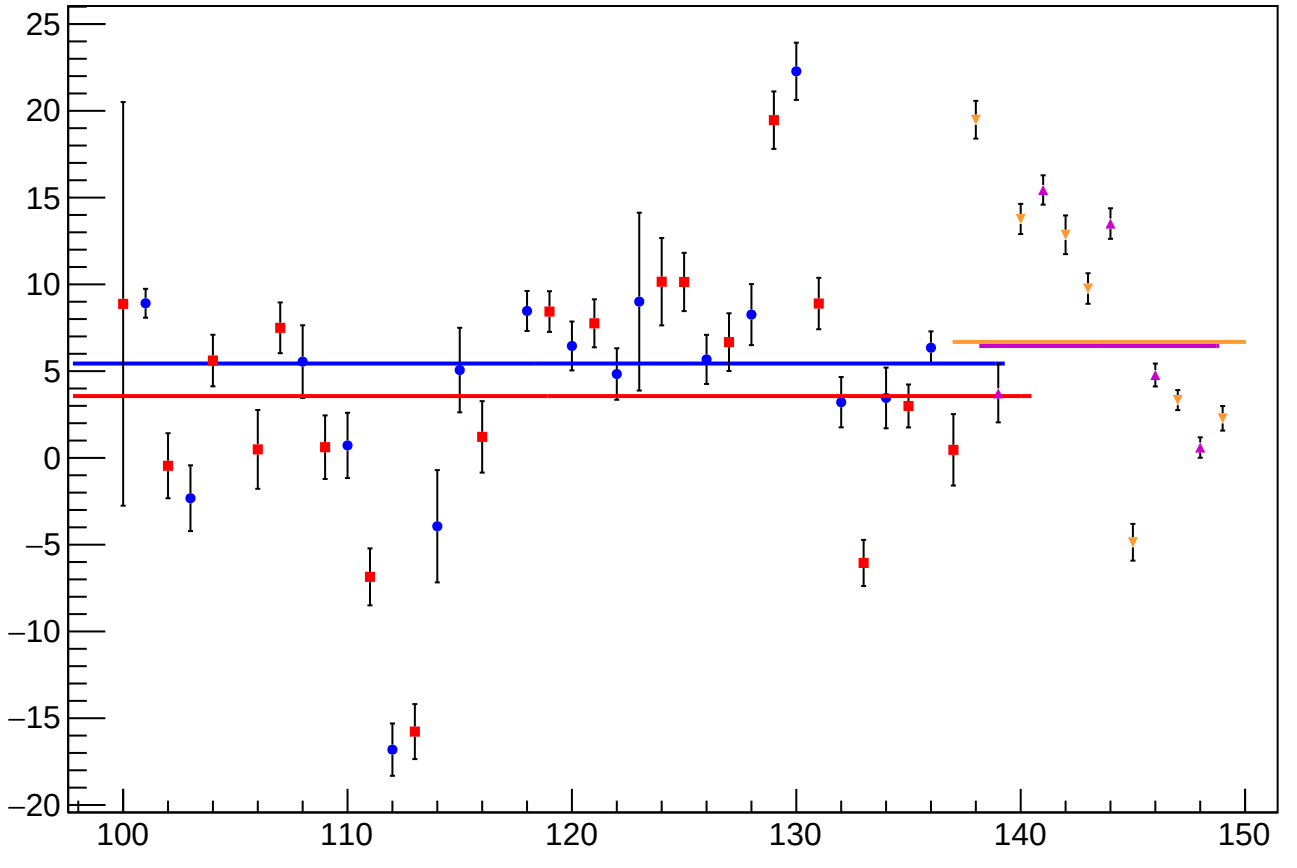
Left: 67.608+/-0.284 χ^2/NDF: 781.1/11

Right: 79.111+/-0.412 χ^2/NDF: 3864.0/35

In: 71.344+/-0.341 χ^2/NDF:2587.3/21

Out: 71.269+/-0.320 χ^2/NDF:2586.7/25

All: 71.304+/-0.234 χ^2/NDF: 5174.0/47



Right In: 5.439+/-0.358 χ^2/NDF: 386.2/16

Left Out: 6.683+/-0.314 χ^2/NDF:439.2/6

Right Out: 3.563+/-0.375 χ^2/NDF: 420.8/18

Left In: 6.450+/-0.349 χ^2/NDF:284.9/4

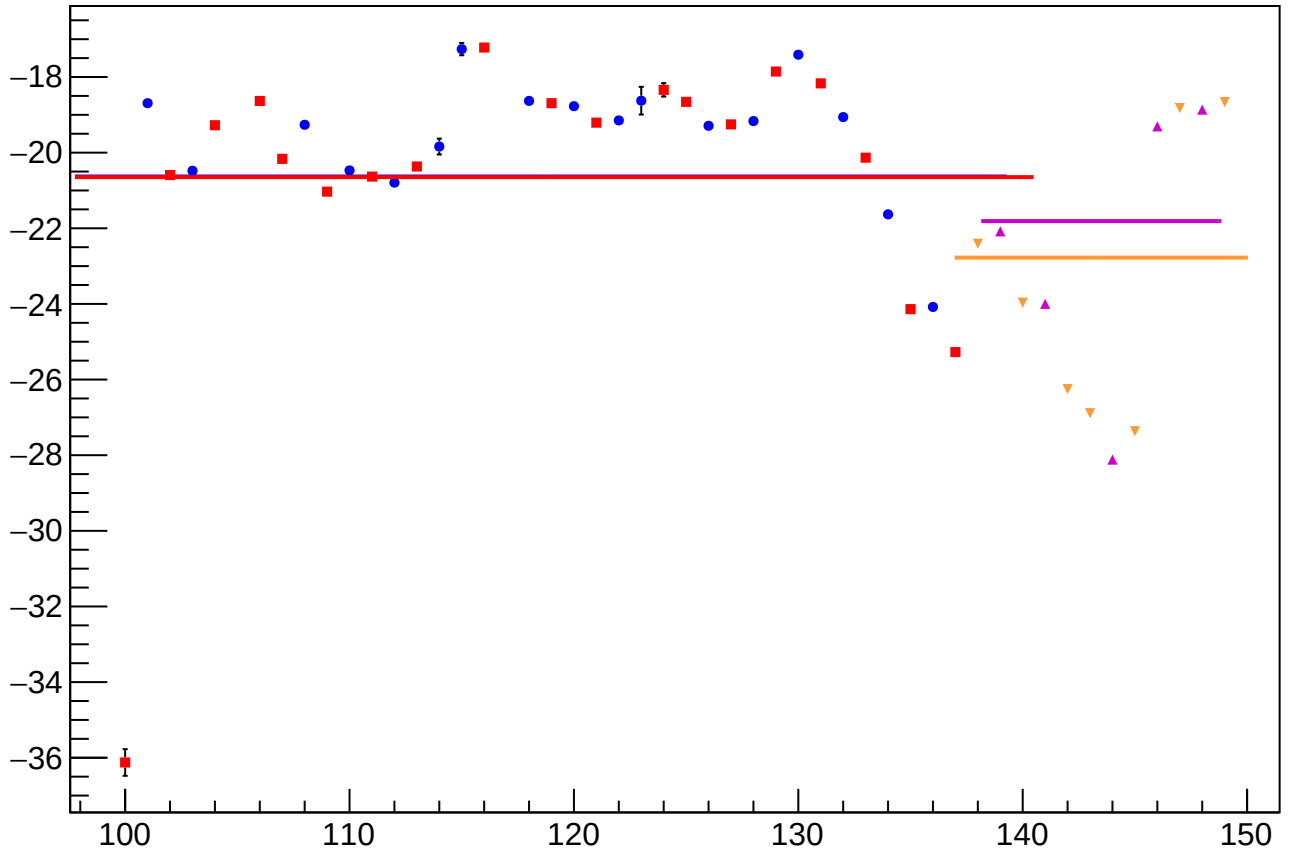
Left: 6.579+/-0.233 χ^2/NDF: 724.4/11

Right: 4.545+/-0.259 χ^2/NDF: 820.1/35

In: 5.957+/-0.250 χ^2/NDF:675.2/21

Out: 5.398+/-0.241 χ^2/NDF:900.7/25

All: 5.667+/-0.173 χ^2/NDF: 1578.5/47



Right In: -20.631+/-0.019 χ^2/NDF: 12501.6/16

Left Out: -22.776+/-0.016 χ^2/NDF:45172.4/6

Right Out: -20.647+/-0.019 χ^2/NDF: 13908.9/18

Left In: -21.810+/-0.018 χ^2/NDF:30721.0/4

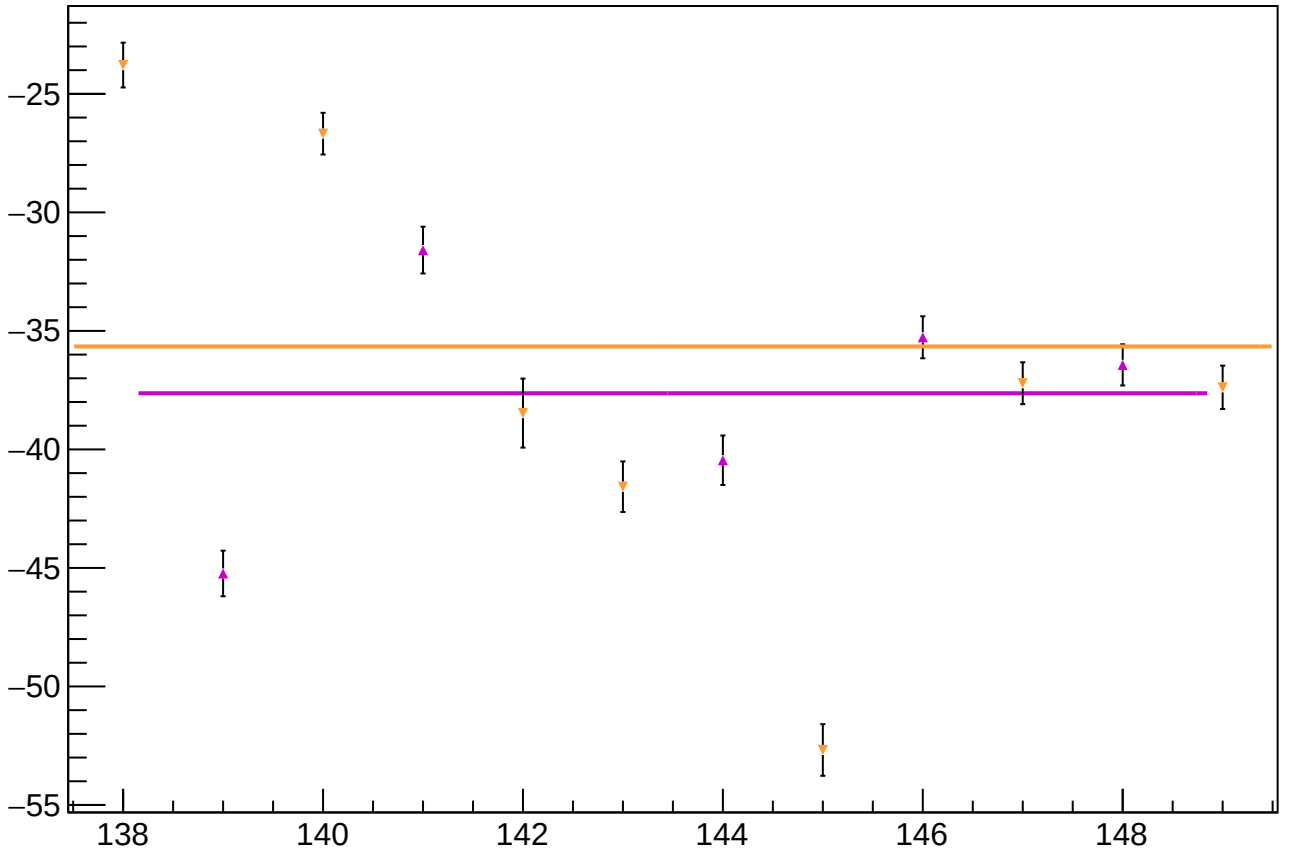
Left: -22.336+/-0.012 χ^2/NDF: 77521.8/11

Right: -20.639+/-0.014 χ^2/NDF: 26410.8/35

In: -21.272+/-0.013 χ^2/NDF:45249.5/21

Out: -21.905+/-0.012 χ^2/NDF:66177.2/25

All: -21.604+/-0.009 χ^2/NDF: 112663.7/47



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

Left Out: -35.655+/-0.376 χ^2/NDF:547.3/6

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

Left In: -37.630+/-0.422 χ^2/NDF:116.3/4

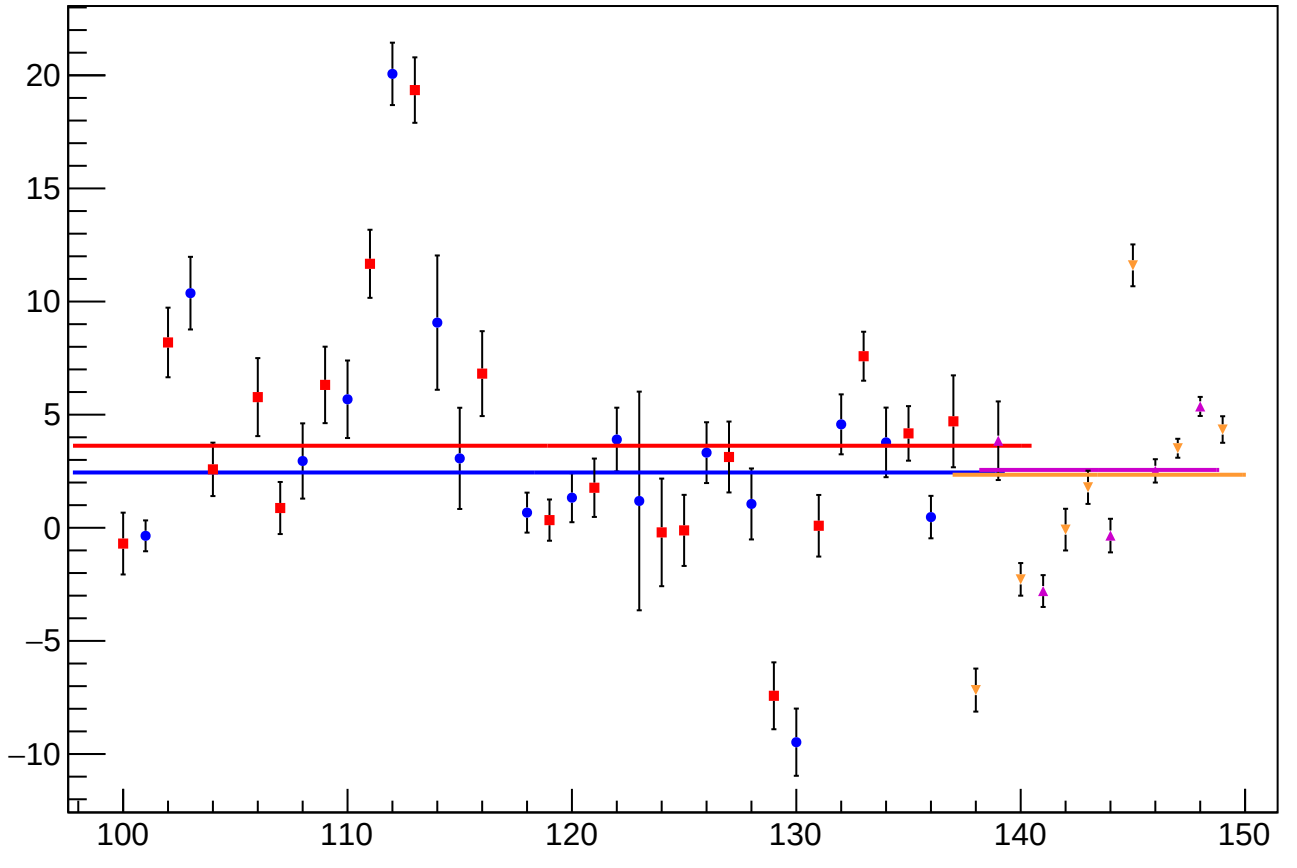
Left: -36.530+/-0.281 χ^2/NDF: 675.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.630+/-0.422 χ^2/NDF:116.3/4

Out: -35.655+/-0.376 χ^2/NDF:547.3/6

All: -36.530+/-0.281 χ^2/NDF: 675.8/11



Right In: 2.444+/-0.312 χ^2/NDF: 292.7/16

Left Out: 2.345+/-0.251 χ^2/NDF:268.4/6

Right Out: 3.626+/-0.318 χ^2/NDF: 278.9/18

Left In: 2.558+/-0.272 χ^2/NDF:118.0/4

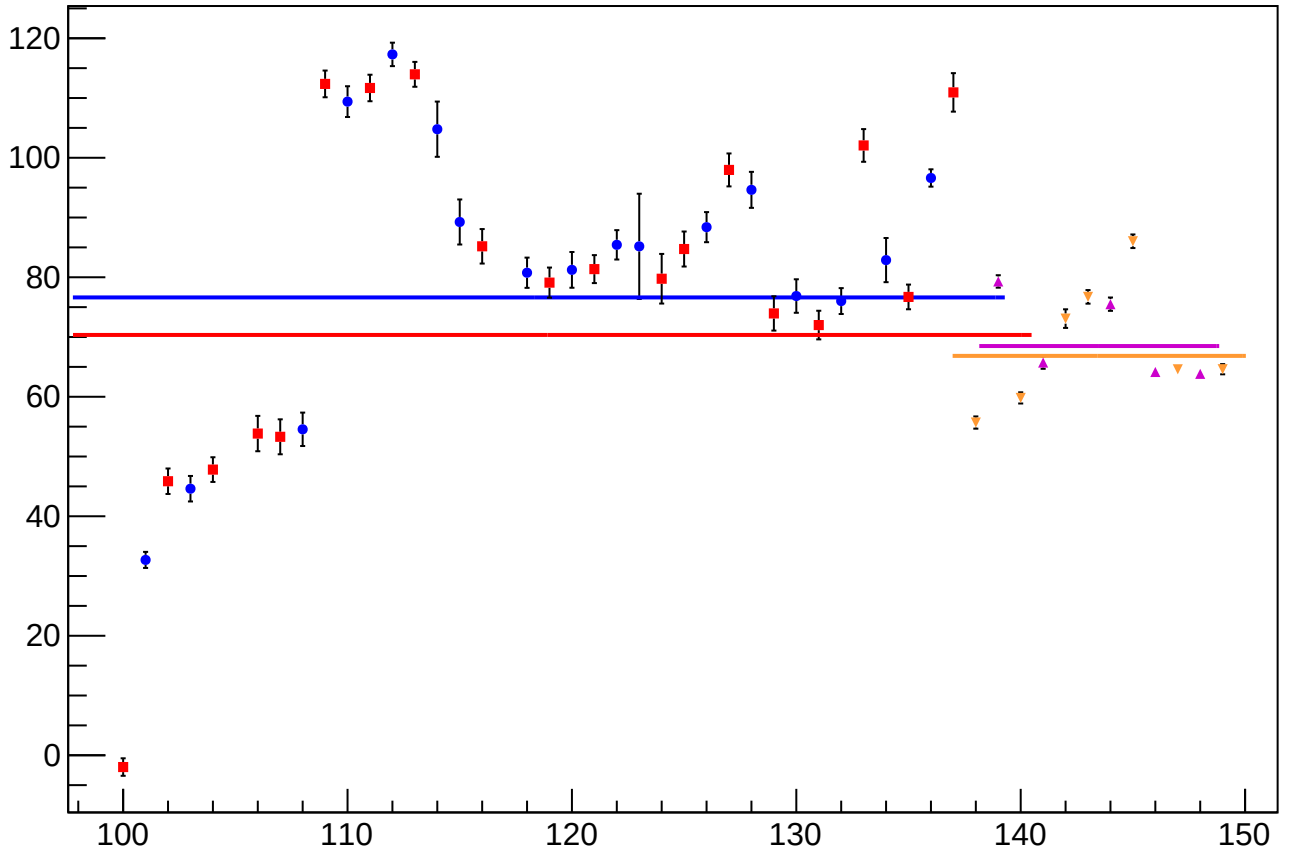
Left: 2.443+/-0.184 χ^2/NDF: 386.8/11

Right: 3.024+/-0.223 χ^2/NDF: 578.6/35

In: 2.509+/-0.205 χ^2/NDF:410.8/21

Out: 2.837+/-0.197 χ^2/NDF:557.3/25

All: 2.679+/-0.142 χ^2/NDF: 969.5/47



Right In: 76.626+/-0.574 χ^2/NDF: 2262.8/16

Left Out: 66.843+/-0.381 χ^2/NDF:564.8/6

Right Out: 70.347+/-0.550 χ^2/NDF: 4388.1/18

Left In: 68.490+/-0.425 χ^2/NDF:213.0/4

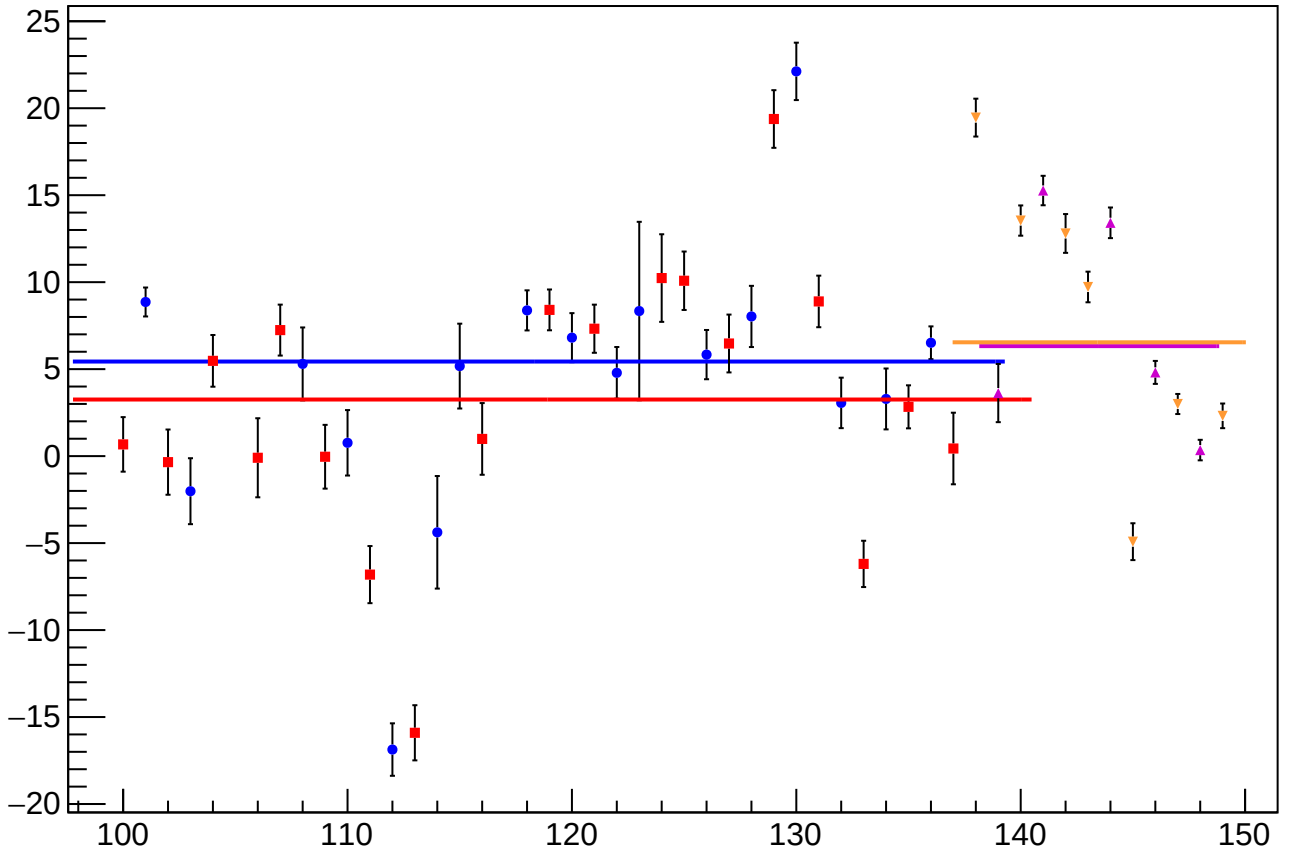
Left: 67.577+/-0.284 χ^2/NDF: 786.1/11

Right: 73.348+/-0.397 χ^2/NDF: 6713.3/35

In: 71.368+/-0.342 χ^2/NDF:2605.4/21

Out: 67.980+/-0.313 χ^2/NDF:4980.4/25

All: 69.527+/-0.231 χ^2/NDF: 7639.2/47



Right In: 5.437+/-0.358 χ^2/NDF: 384.5/16

Left Out: 6.543+/-0.314 χ^2/NDF:440.6/6

Right Out: 3.253+/-0.365 χ^2/NDF: 423.7/18

Left In: 6.324+/-0.349 χ^2/NDF:287.0/4

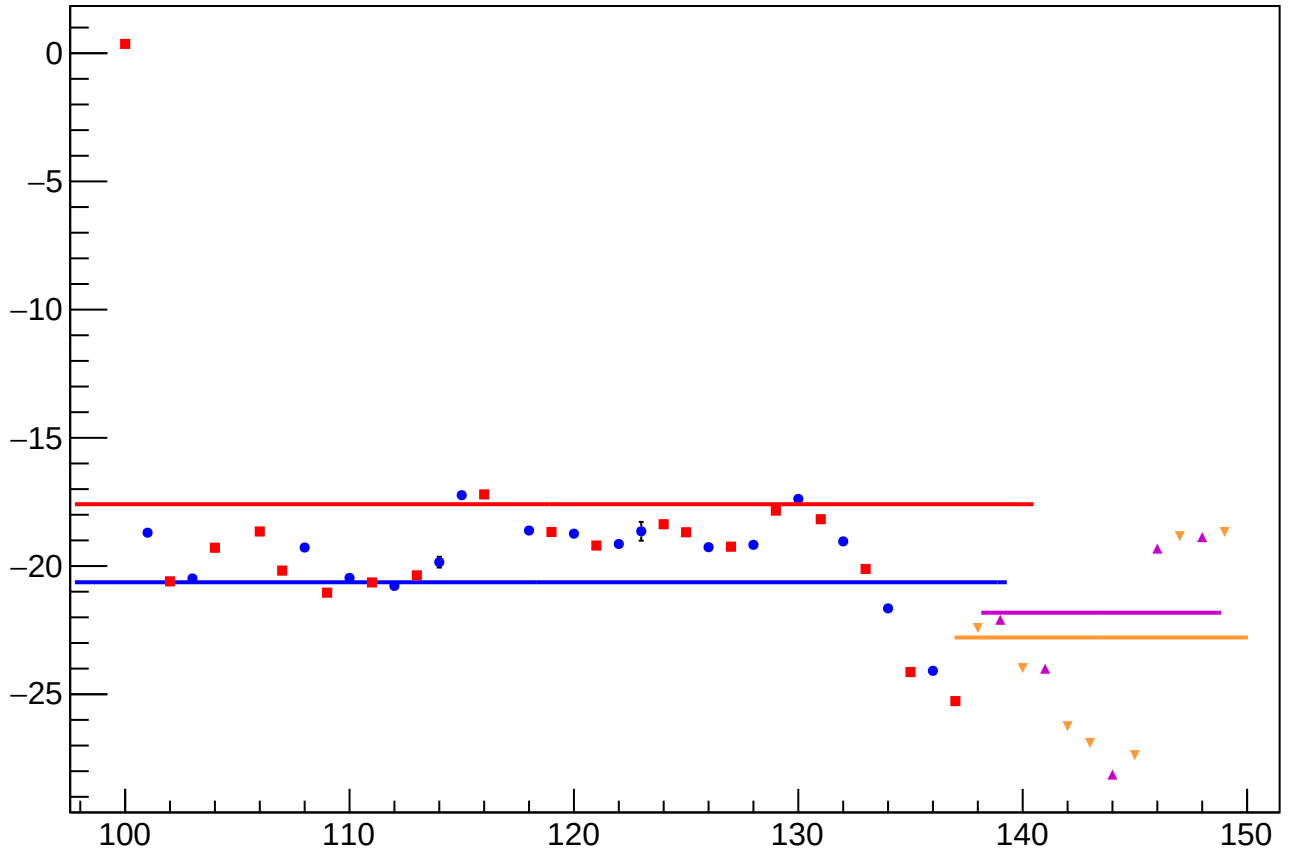
Left: 6.445+/-0.233 χ^2/NDF: 727.8/11

Right: 4.367+/-0.256 χ^2/NDF: 826.5/35

In: 5.892+/-0.250 χ^2/NDF:674.7/21

Out: 5.145+/-0.238 χ^2/NDF:911.0/25

All: 5.500+/-0.172 χ^2/NDF: 1590.4/47



Right In: -20.632+/-0.019 χ^2/NDF: 12543.2/16

Left Out: -22.786+/-0.016 χ^2/NDF:45070.8/6

Right Out: -17.589+/-0.018 χ^2/NDF: 178672.3/18

Left In: -21.819+/-0.018 χ^2/NDF:30695.3/4

Left: -22.346+/-0.012 χ^2/NDF: 77392.8/11

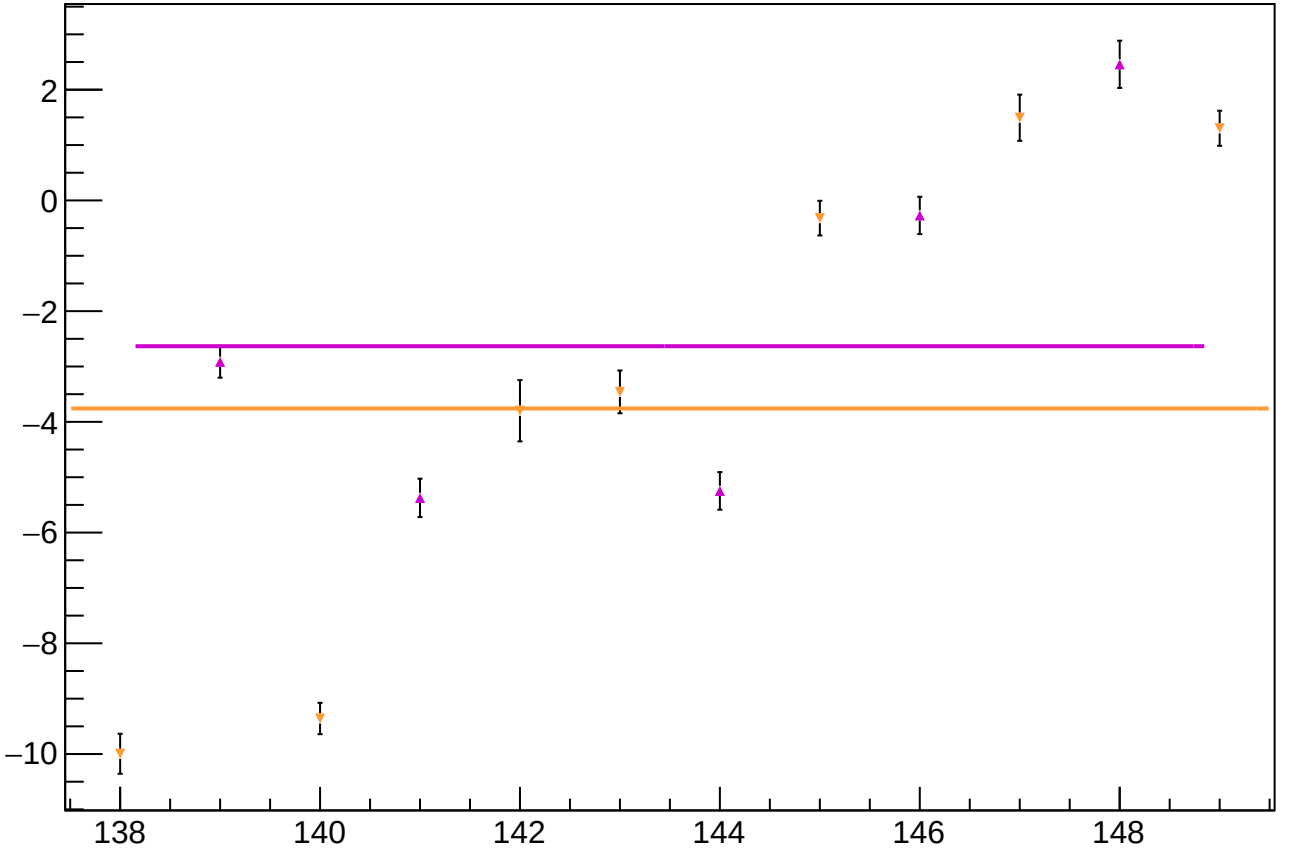
Right: -19.006+/-0.013 χ^2/NDF: 204500.0/35

In: -21.278+/-0.013 χ^2/NDF:45294.0/21

Out: -20.466+/-0.012 χ^2/NDF:269826.8/25

All: -20.839+/-0.009 χ^2/NDF: 317210.5/47

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.758+/-0.134 χ^2/NDF:1224.2/6

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

Left In: -2.633+/-0.152 χ^2/NDF:313.8/4

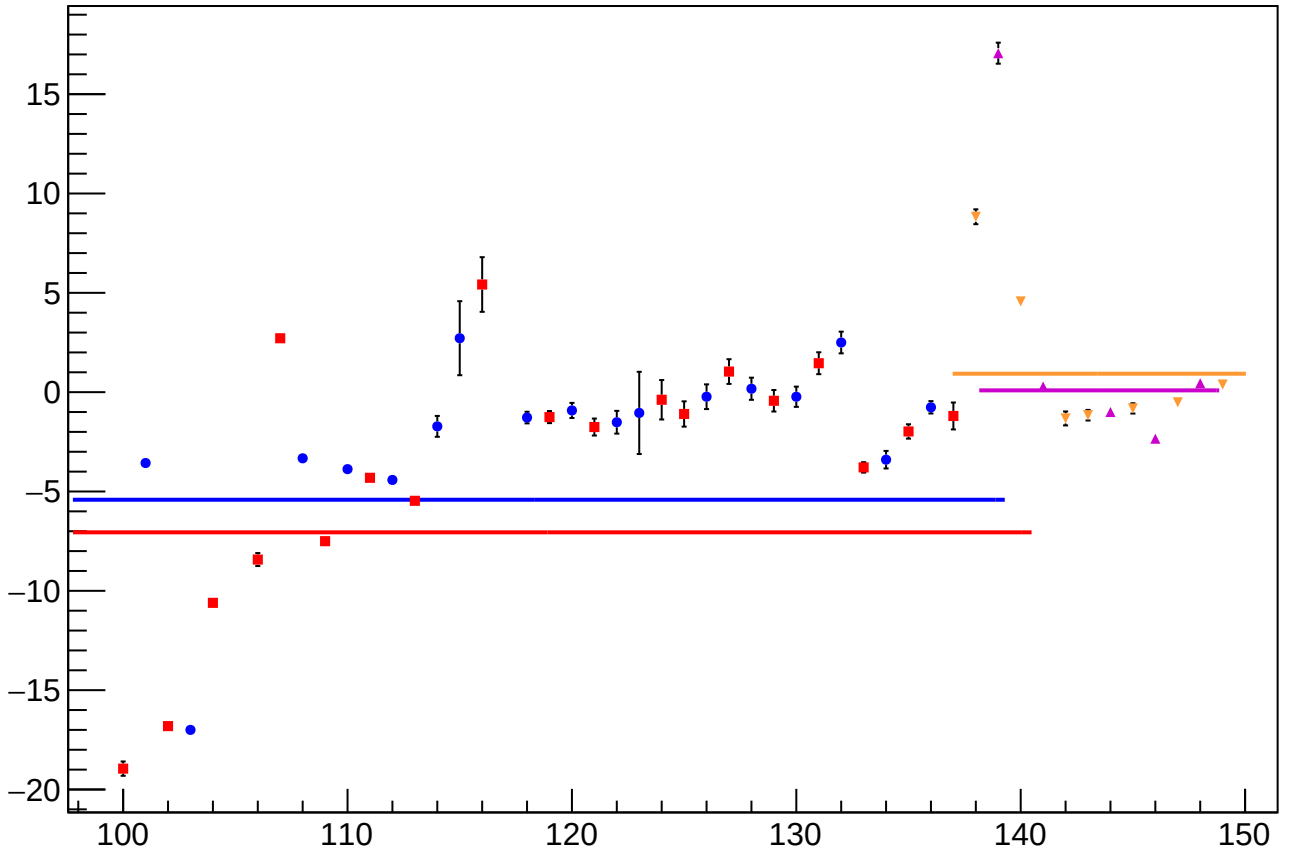
Left: -3.267+/-0.100 χ^2/NDF: 1568.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.633+/-0.152 χ^2/NDF:313.8/4

Out: -3.758+/-0.134 χ^2/NDF:1224.2/6

All: -3.267+/-0.100 χ^2/NDF: 1568.9/11



Right In: -5.415+/-0.055 χ^2/NDF: 9255.1/16

Left Out: 0.929+/-0.095 χ^2/NDF:891.0/6

Right Out: -7.056+/-0.059 χ^2/NDF: 12334.0/18

Left In: 0.090+/-0.111 χ^2/NDF:1182.4/4

Left: 0.575+/-0.072 χ^2/NDF: 2106.3/11

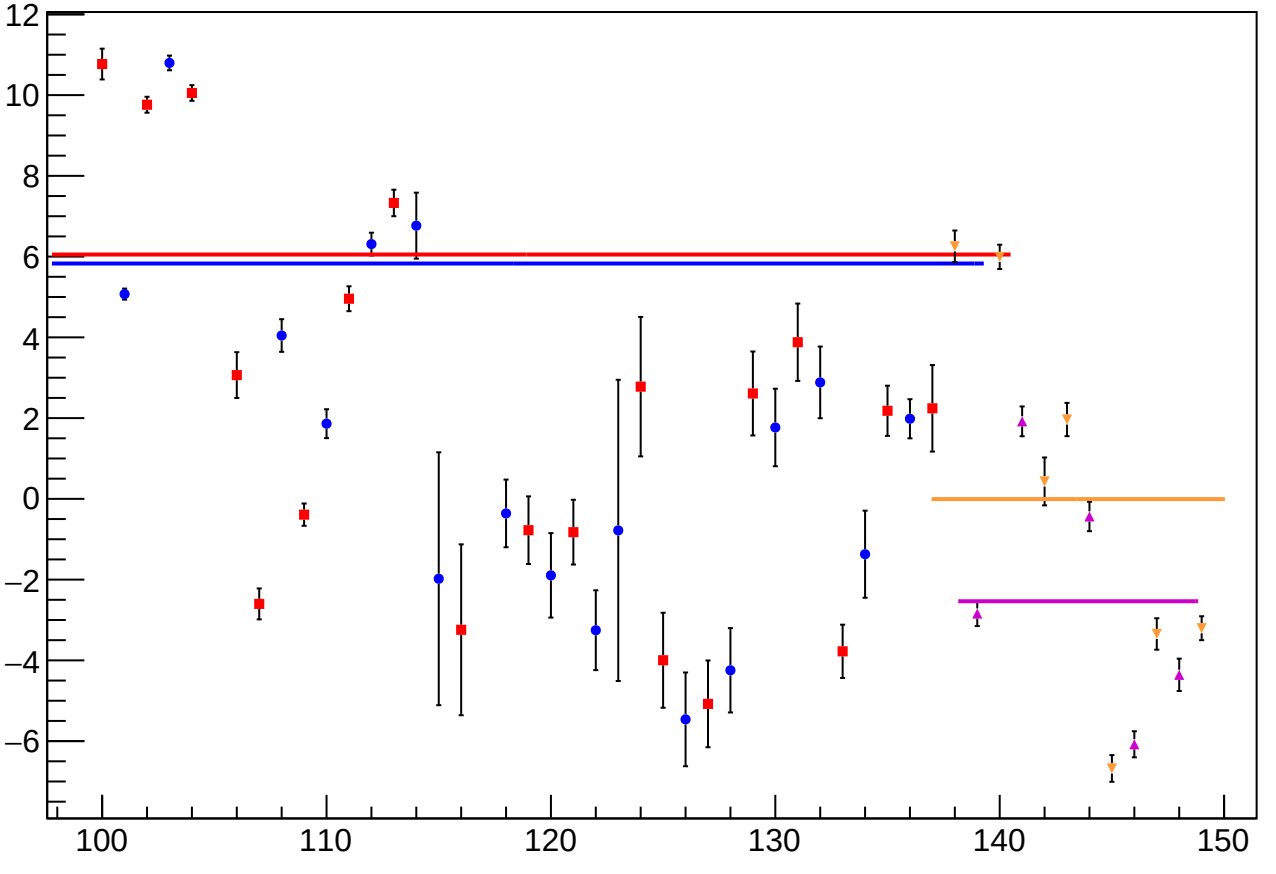
Right: -6.174+/-0.040 χ^2/NDF: 22004.4/35

In: -4.340+/-0.049 χ^2/NDF:12410.9/21

Out: -4.832+/-0.050 χ^2/NDF:18323.5/25

All: -4.581+/-0.035 χ^2/NDF: 30783.4/47

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: -0.005+/-0.137 χ^2/NDF:1271.2/6

Right Out: 6.051+/-0.093 χ^2/NDF: 2674.1/18

Left In: -2.536+/-0.156 χ^2/NDF:321.1/4

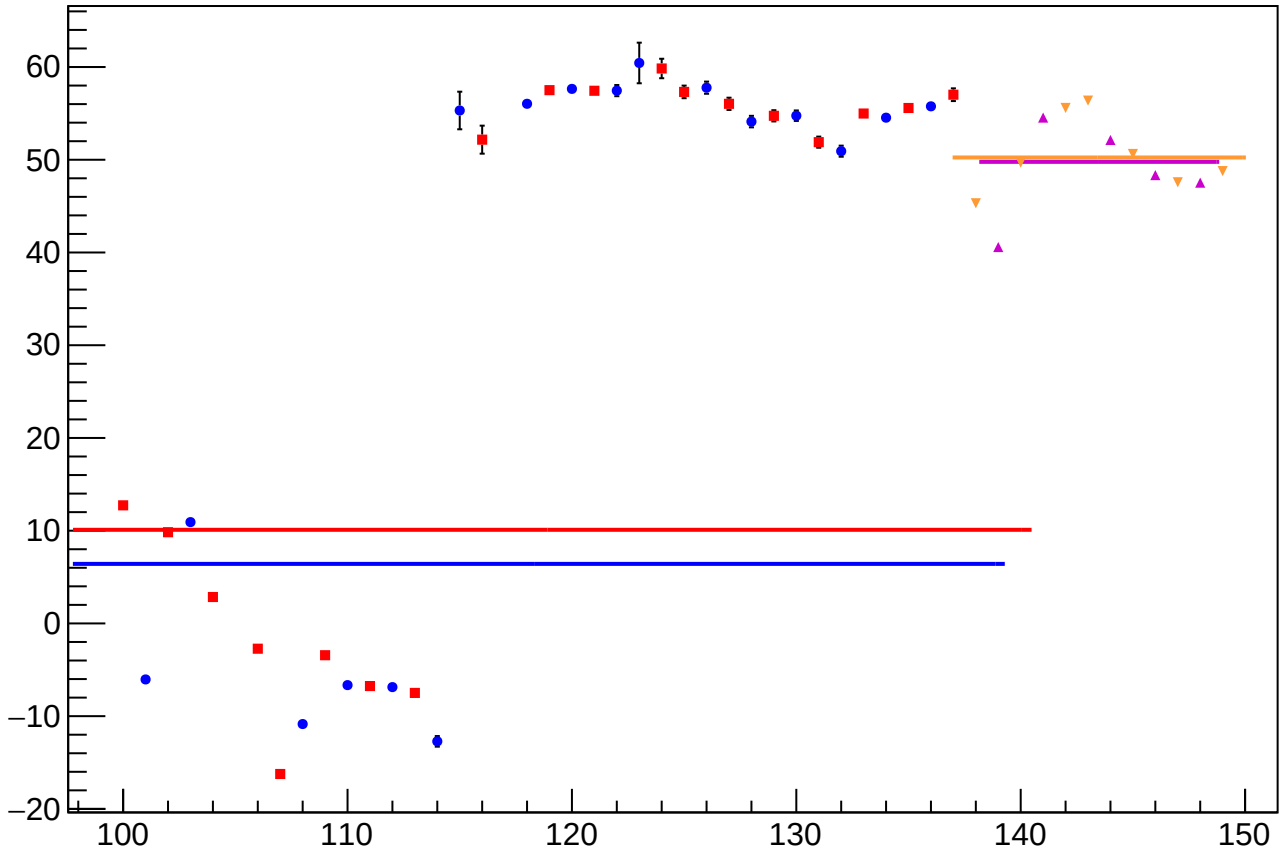
Left: -1.107+/-0.103 χ^2/NDF: 1741.0/11

Right: 5.936+/-0.065 χ^2/NDF: 4125.3/35

In: 3.752+/-0.078 χ^2/NDF:3932.0/21

Out: 4.130+/-0.077 χ^2/NDF:5281.9/25

All: 3.943+/-0.055 χ^2/NDF: 9225.9/47



Right In: 6.421+/-0.065 χ^2/NDF: 123109.7/16

Left Out: 50.245+/-0.116 χ^2/NDF:797.7/6

Right Out: 10.096+/-0.070 χ^2/NDF: 122124.3/18

Left In: 49.773+/-0.137 χ^2/NDF:734.8/4

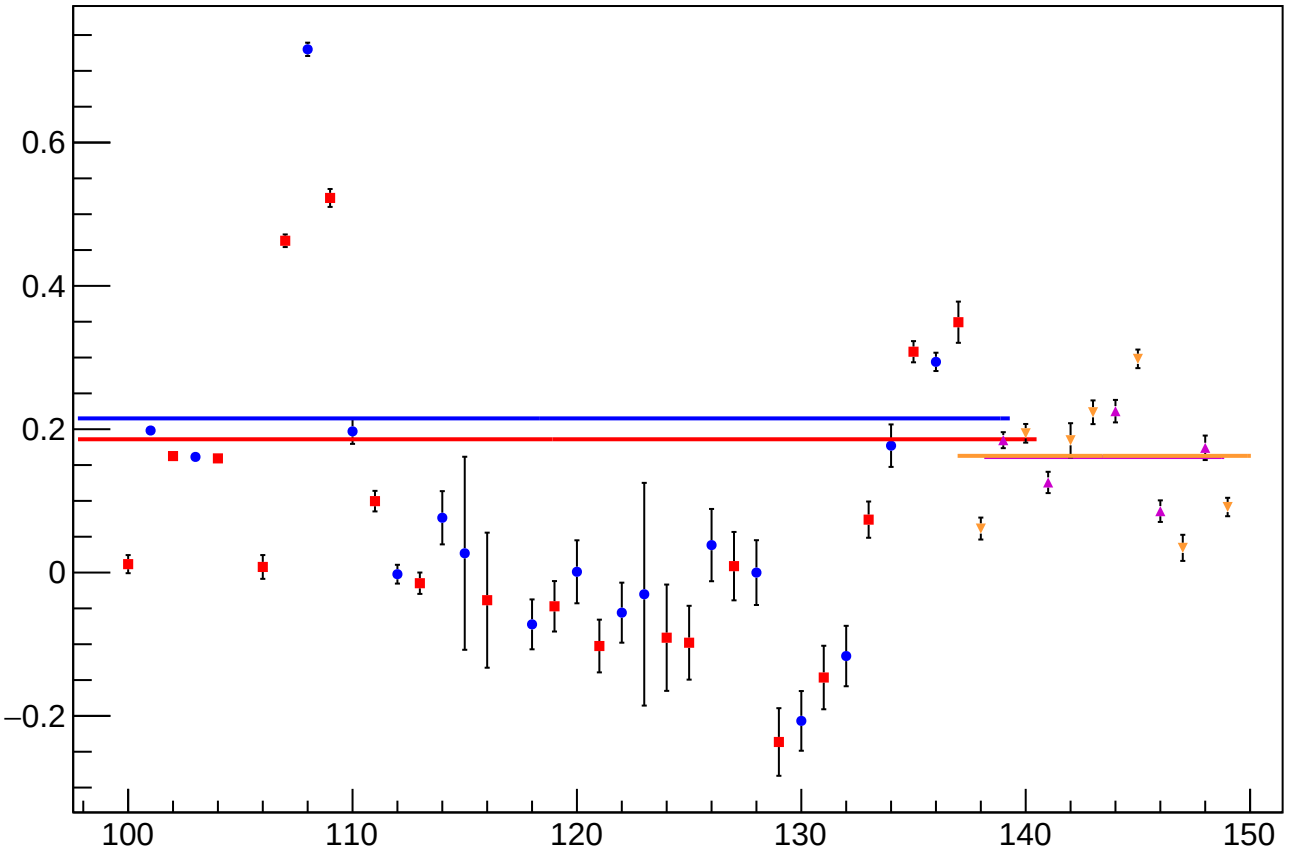
Left: 50.049+/-0.089 χ^2/NDF: 1539.5/11

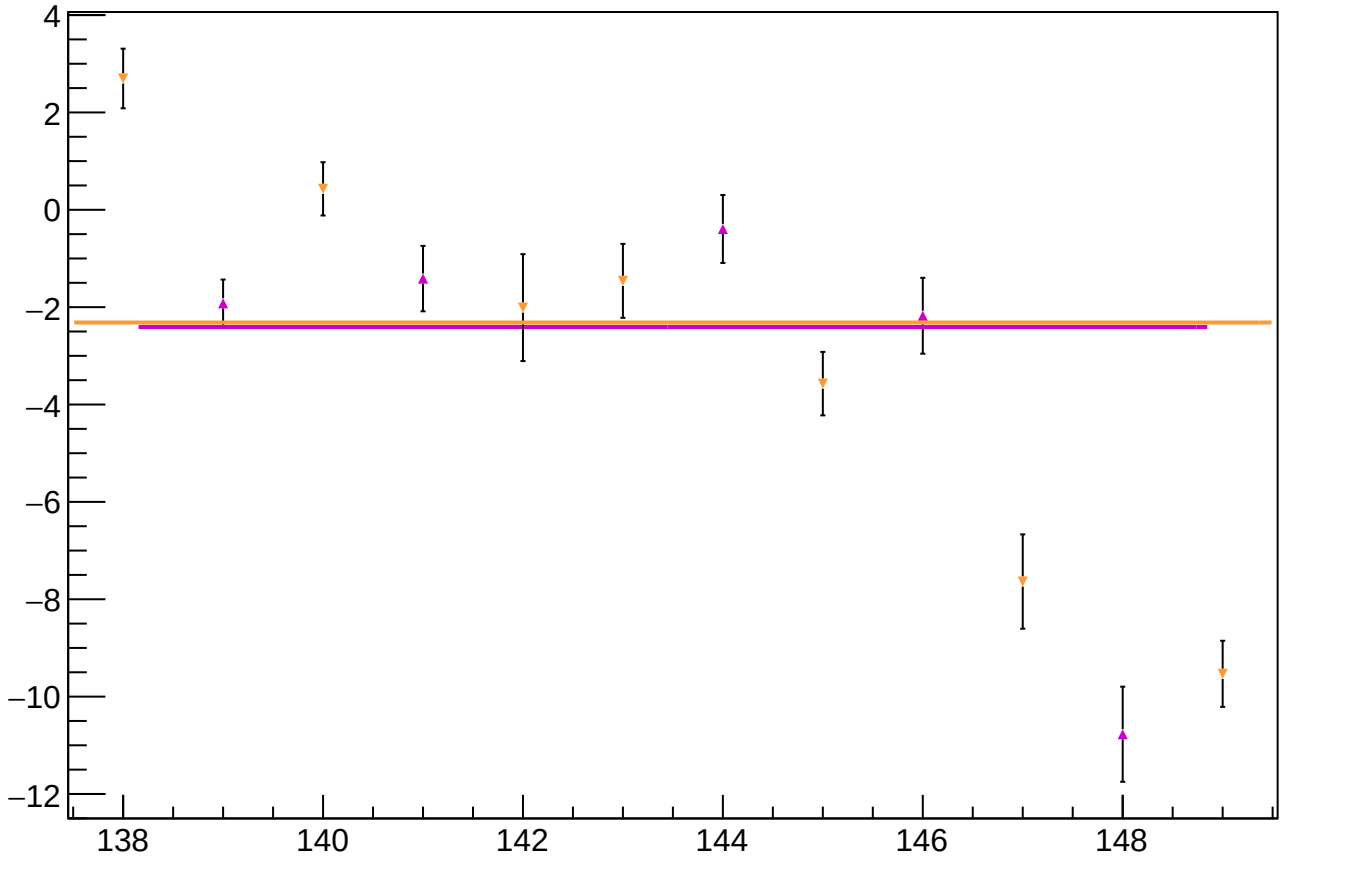
Right: 8.122+/-0.047 χ^2/NDF: 246726.1/35

In: 14.309+/-0.059 χ^2/NDF:205455.3/21

Out: 20.754+/-0.060 χ^2/NDF:210974.7/25

All: 17.466+/-0.042 χ^2/NDF: 422365.8/47


reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected
0.6
0.4
0.2
0
−0.2
100
110
120
130
140
150
Right In: 0.215+/-0.003 χ²/NDF: 3927.2/16
Left Out: 0.163+/-0.006 χ²/NDF:253.6/6
Right Out: 0.186+/-0.003 χ²/NDF: 2719.3/18
Left In: 0.161+/-0.006 χ²/NDF:52.5/4
Left: 0.162+/-0.004 χ²/NDF: 306.2/11
Right: 0.200+/-0.002 χ²/NDF: 6703.5/35
In: 0.207+/-0.003 χ²/NDF:4039.6/21
Out: 0.182+/-0.002 χ²/NDF:2986.4/25
All: 0.194+/-0.002 χ²/NDF: 7075.7/47



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

Left Out: -2.315+/-0.266 χ^2/NDF:240.3/6

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

Left In: -2.407+/-0.299 χ^2/NDF:84.9/4

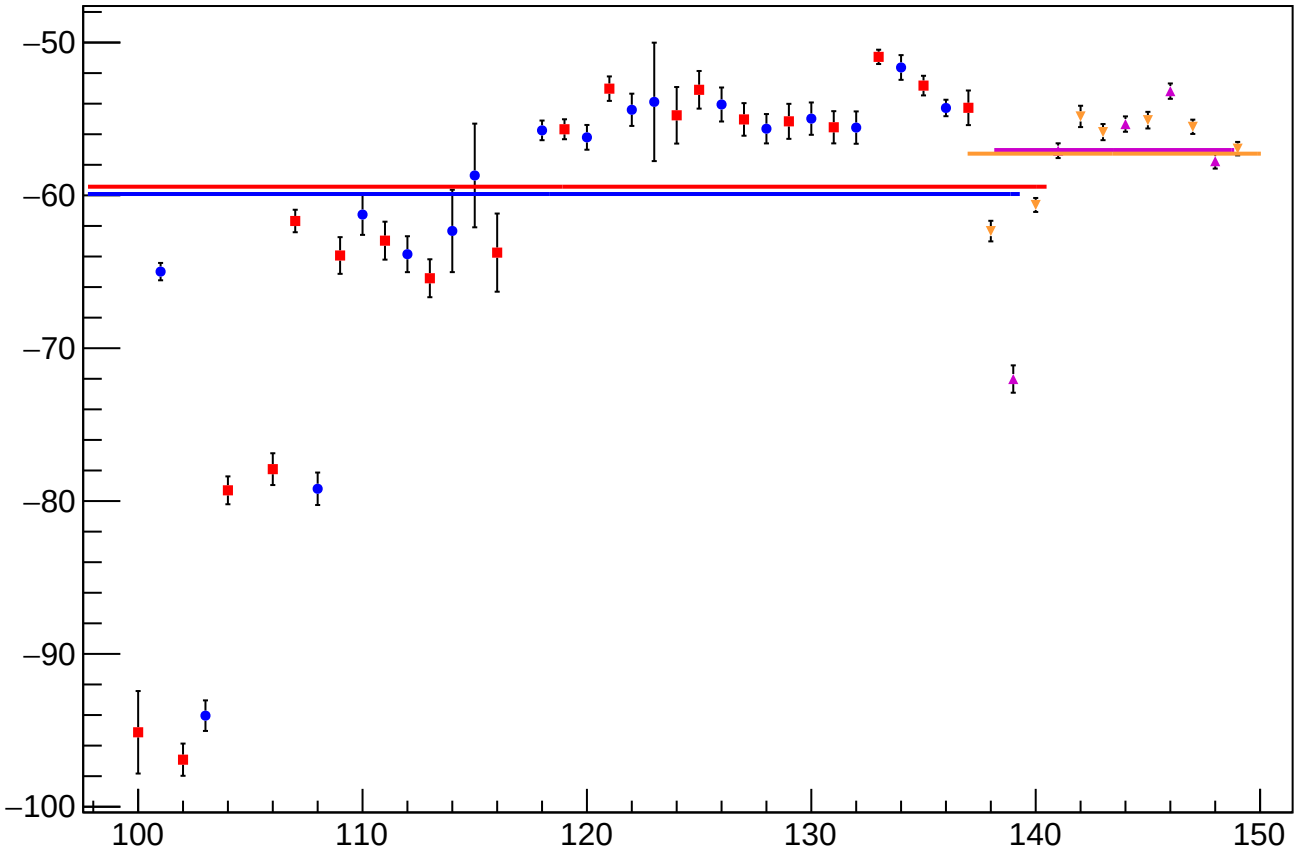
Left: -2.356+/-0.199 χ^2/NDF: 325.3/11

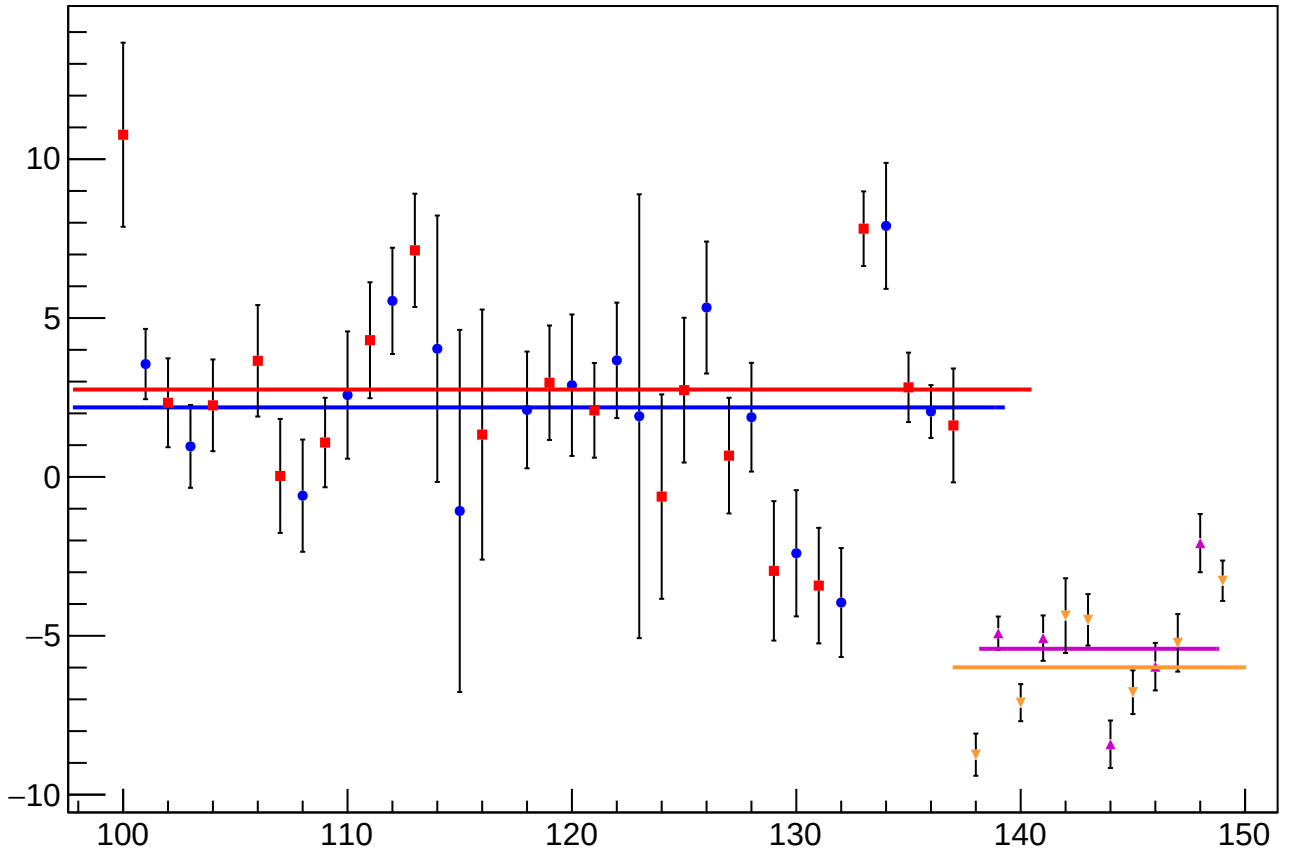
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.407+/-0.299 χ^2/NDF:84.9/4

Out: -2.315+/-0.266 χ^2/NDF:240.3/6

All: -2.356+/-0.199 χ^2/NDF: 325.3/11


reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−50
−60
−70
−80
−90
−100
100
110
120
130
140
150
Right In: -59.911+/-0.223 χ²/NDF: 1980.8/16
Left Out: -57.271+/-0.197 χ²/NDF:160.8/6
Right Out: -59.432+/-0.212 χ²/NDF: 2918.9/18
Left In: -57.033+/-0.238 χ²/NDF:352.7/4
Left: -57.174+/-0.152 χ²/NDF: 514.0/11
Right: -59.659+/-0.154 χ²/NDF: 4902.1/35
In: -58.563+/-0.163 χ²/NDF:2411.3/21
Out: -58.274+/-0.144 χ²/NDF:3135.6/25
All: -58.401+/-0.108 χ²/NDF: 5548.6/47



Right In: 2.189+/-0.405 χ^2/NDF: 39.1/16

Left Out: -5.992+/-0.275 χ^2/NDF:46.5/6

Right Out: 2.751+/-0.387 χ^2/NDF: 58.6/18

Left In: -5.408+/-0.311 χ^2/NDF:31.0/4

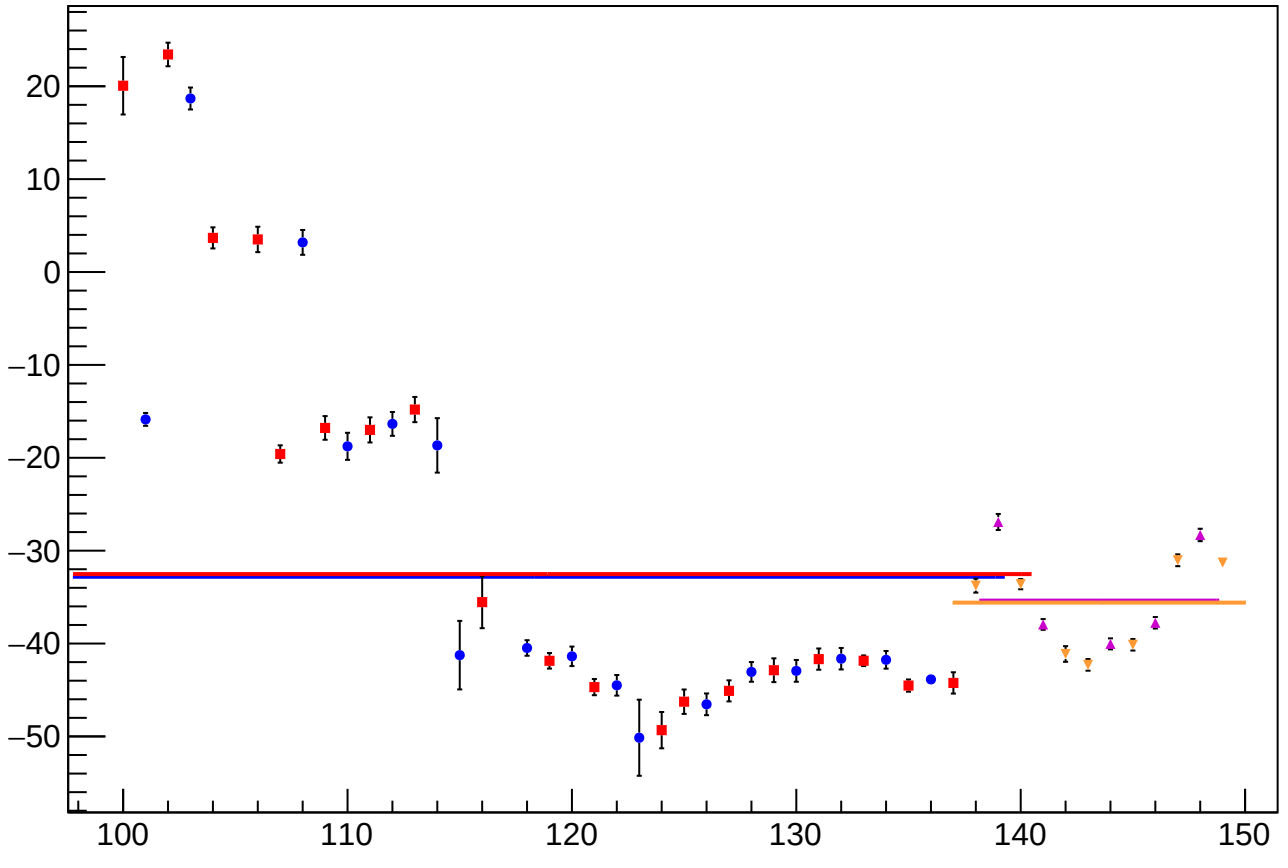
Left: -5.736+/-0.206 χ^2/NDF: 79.5/11

Right: 2.482+/-0.280 χ^2/NDF: 98.7/35

In: -2.586+/-0.247 χ^2/NDF:291.7/21

Out: -3.068+/-0.224 χ^2/NDF:444.1/25

All: -2.850+/-0.166 χ^2/NDF: 737.9/47



Right In: -32.806+/-0.254 χ^2/NDF: 4662.8/16

Left Out: -35.594+/-0.238 χ^2/NDF:345.6/6

Right Out: -32.522+/-0.244 χ^2/NDF: 6040.2/18

Left In: -35.378+/-0.289 χ^2/NDF:303.7/4

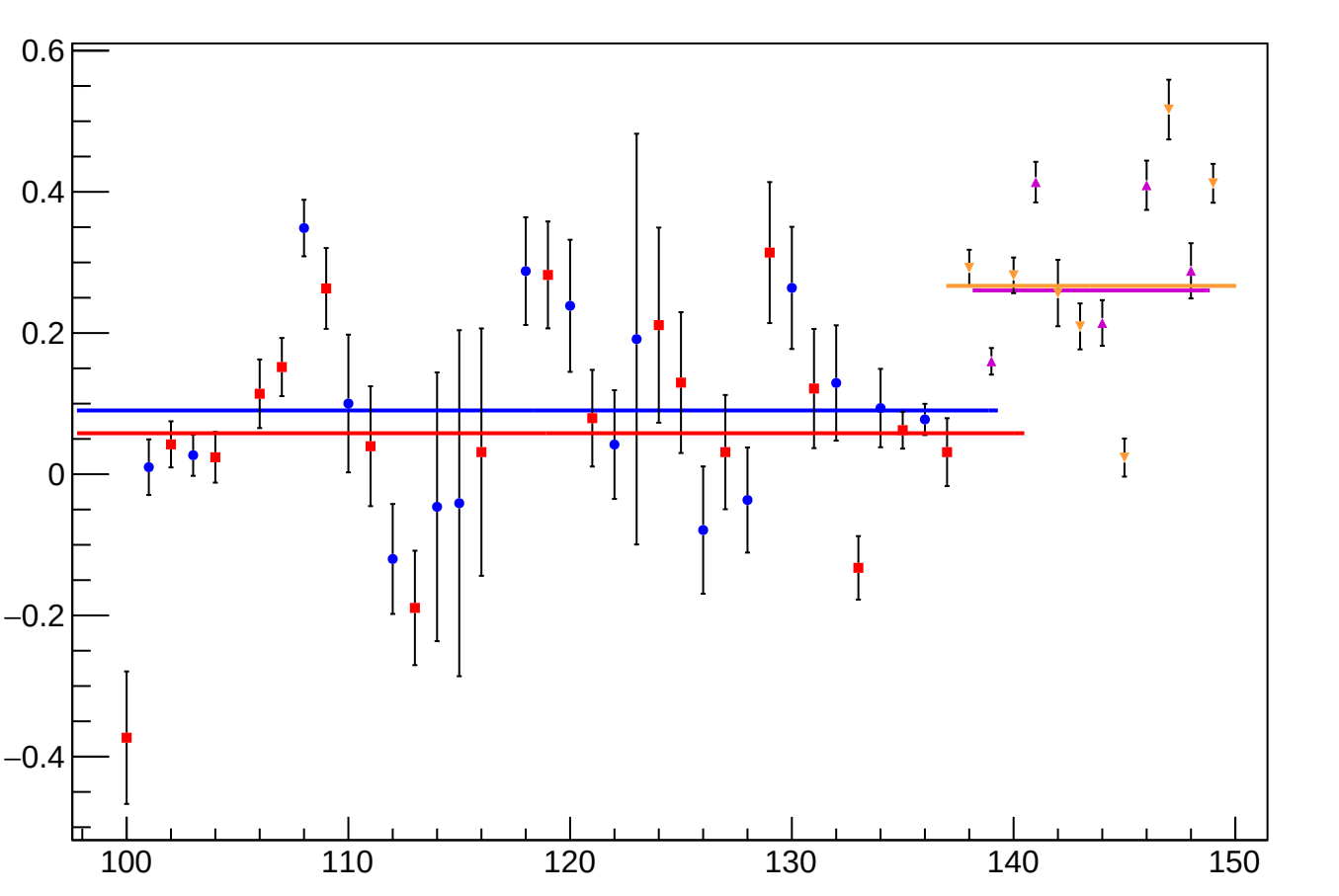
Left: -35.507+/-0.184 χ^2/NDF: 649.7/11

Right: -32.658+/-0.176 χ^2/NDF: 10703.7/35

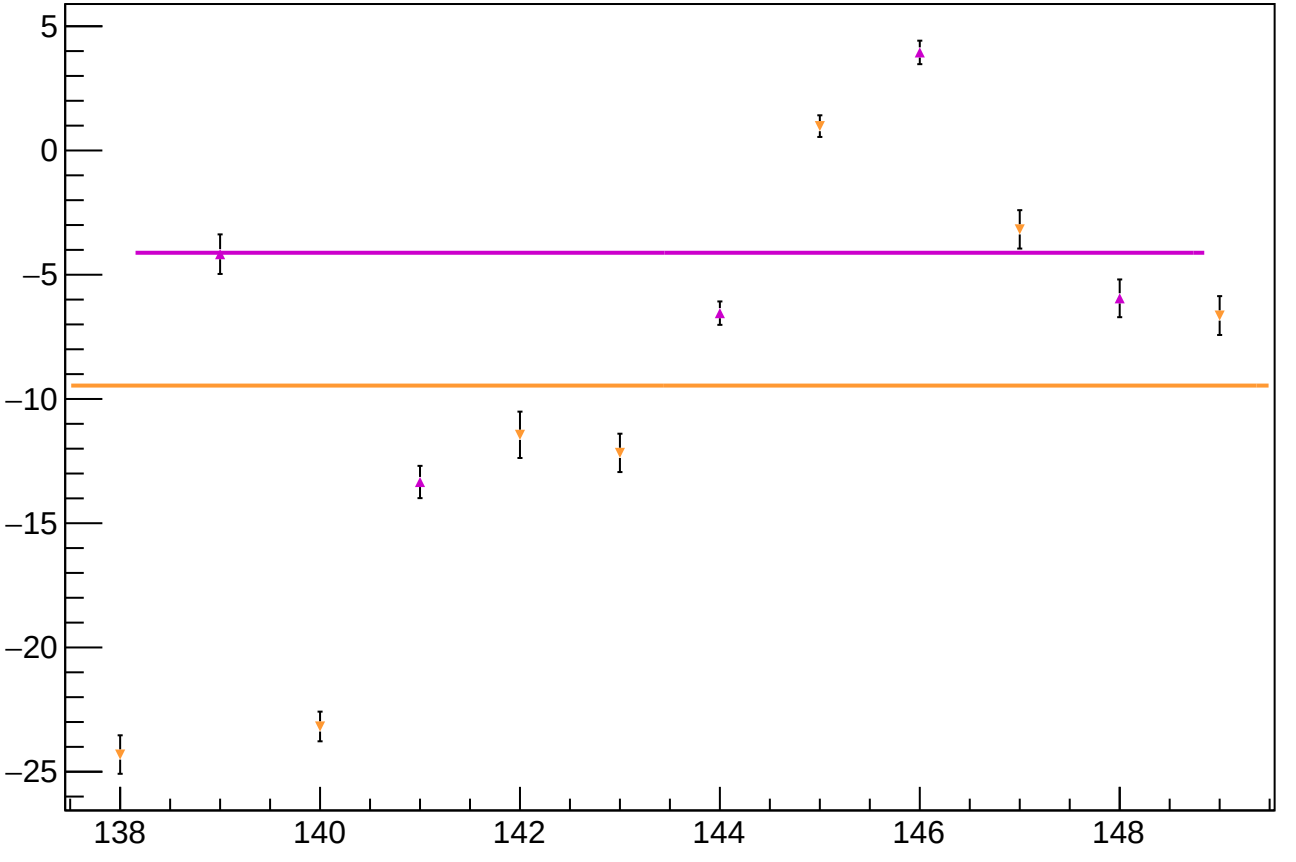
In: -33.930+/-0.191 χ^2/NDF:5011.3/21

Out: -34.093+/-0.170 χ^2/NDF:6467.1/25

All: -34.021+/-0.127 χ^2/NDF: 11478.7/47


reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected
0.6
0.4
0.2
0
−0.2
−0.4
100
110
120
130
140
150
Right In: 0.090+/-0.013 χ²/NDF: 79.4/16
Left Out: 0.267+/-0.011 χ²/NDF:148.6/6
Right Out: 0.058+/-0.012 χ²/NDF: 87.1/18
Left In: 0.260+/-0.012 χ²/NDF:77.6/4
Left: 0.264+/-0.008 χ²/NDF: 226.3/11
Right: 0.073+/-0.009 χ²/NDF: 169.9/35
In: 0.177+/-0.009 χ²/NDF:248.1/21
Out: 0.169+/-0.008 χ²/NDF:393.2/25
All: 0.173+/-0.006 χ²/NDF: 641.8/47

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.461+/-0.251 χ^2/NDF:1565.5/6

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

Left In: -4.116+/-0.261 χ^2/NDF:525.4/4

Left: -6.894+/-0.181 χ^2/NDF: 2308.7/11

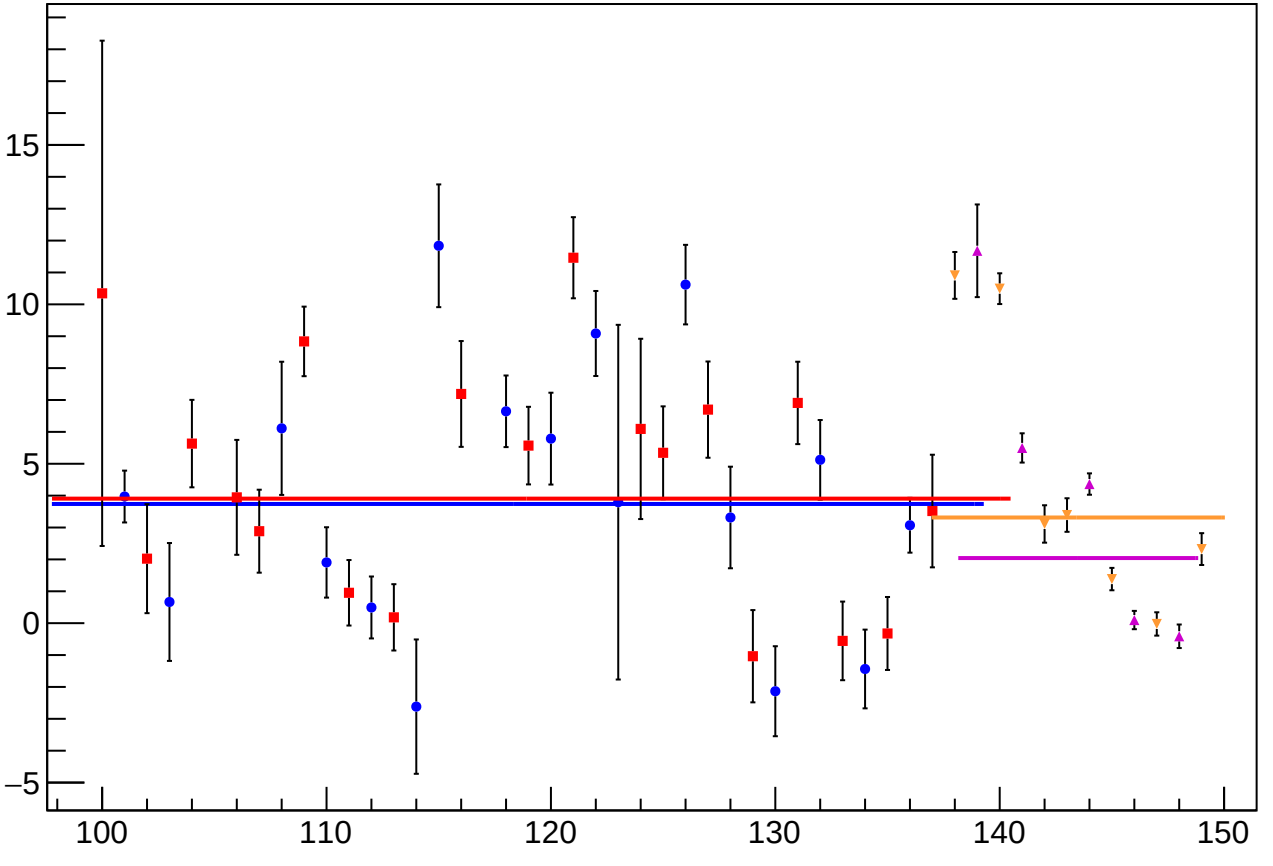
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.116+/-0.261 χ^2/NDF:525.4/4

Out: -9.461+/-0.251 χ^2/NDF:1565.5/6

All: -6.894+/-0.181 χ^2/NDF: 2308.7/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739+/-0.309 χ^2/NDF: 136.9/16

Left Out: 3.314+/-0.176 χ^2/NDF:445.8/6

Right Out: 3.906+/-0.316 χ^2/NDF: 135.5/18

Left In: 2.042+/-0.173 χ^2/NDF:238.6/4

Left: 2.665+/-0.123 χ^2/NDF: 711.0/11

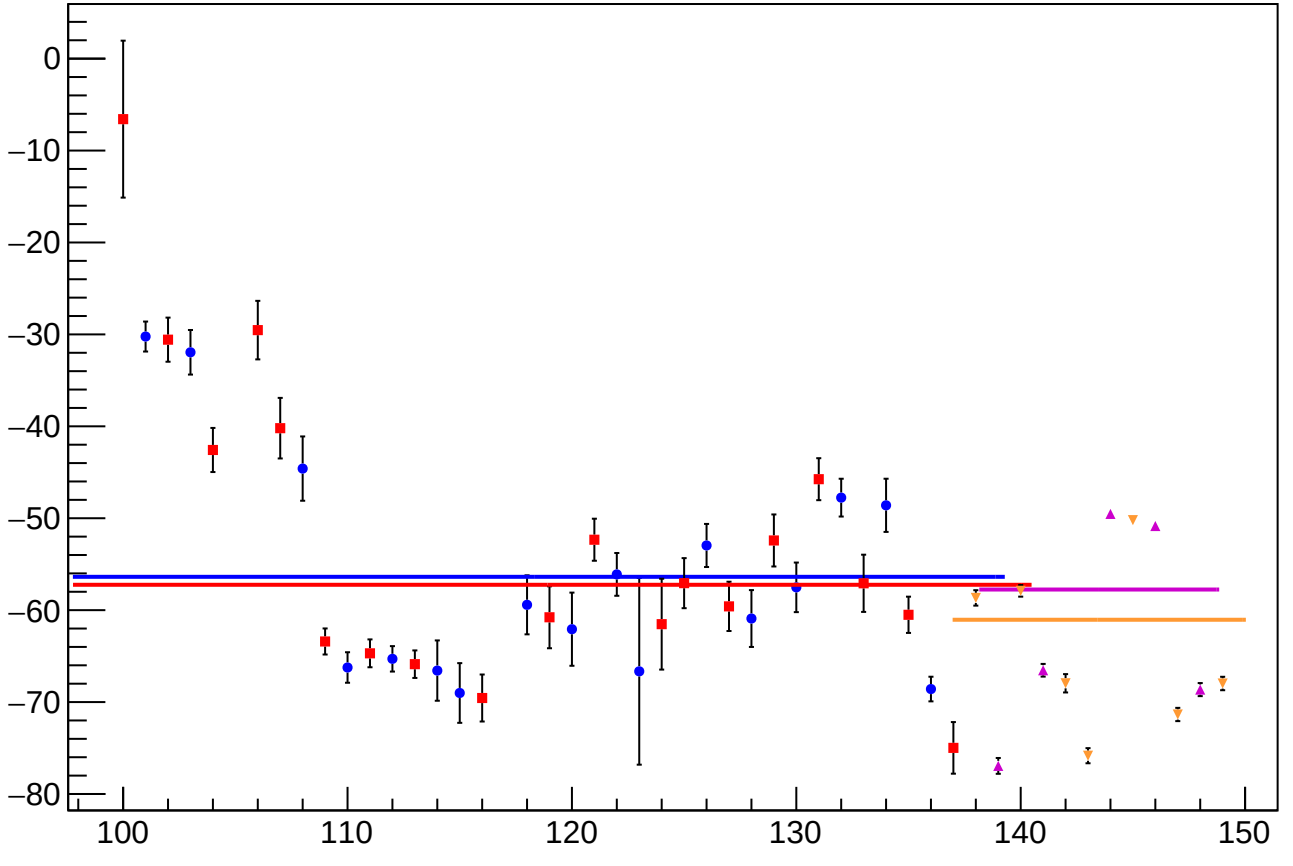
Right: 3.821+/-0.221 χ^2/NDF: 272.5/35

In: 2.445+/-0.151 χ^2/NDF:398.4/21

Out: 3.455+/-0.154 χ^2/NDF:584.0/25

All: 2.939+/-0.108 χ^2/NDF: 1004.4/47

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: -61.044+/-0.260 χ^2/NDF:1243.5/6

Right Out: -57.240+/-0.536 χ^2/NDF: 476.3/18

Left In: -57.756+/-0.265 χ^2/NDF:1390.1/4

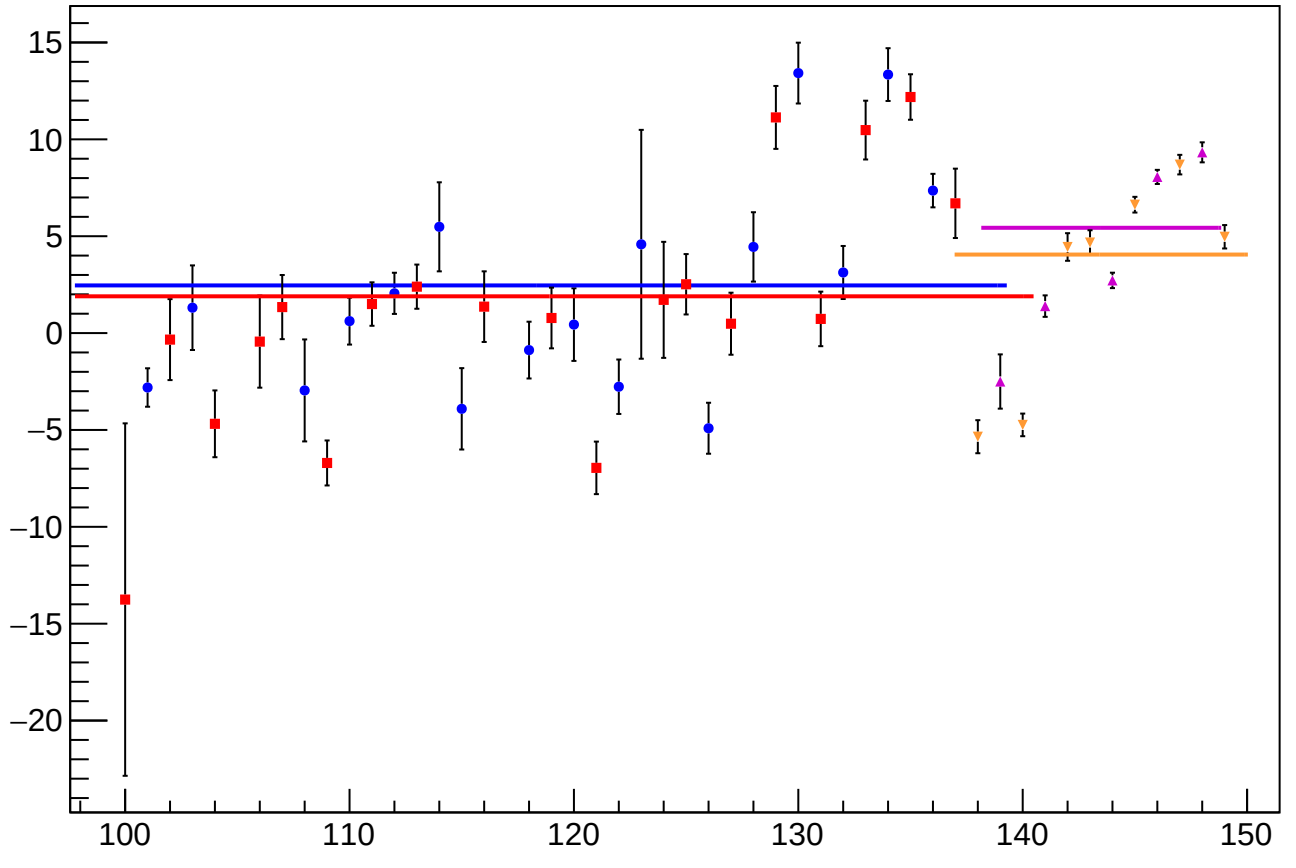
Left: -59.435+/-0.186 χ^2/NDF: 2712.1/11

Right: -56.812+/-0.381 χ^2/NDF: 1065.2/35

In: -57.489+/-0.238 χ^2/NDF:1983.0/21

Out: -60.320+/-0.234 χ^2/NDF:1760.7/25

All: -58.933+/-0.167 χ^2/NDF: 3815.5/47



Right In: 2.460+/-0.346 χ^2/NDF: 243.9/16

Left Out: 4.053+/-0.216 χ^2/NDF:476.4/6

Right Out: 1.898+/-0.355 χ^2/NDF: 268.1/18

Left In: 5.435+/-0.216 χ^2/NDF:240.5/4

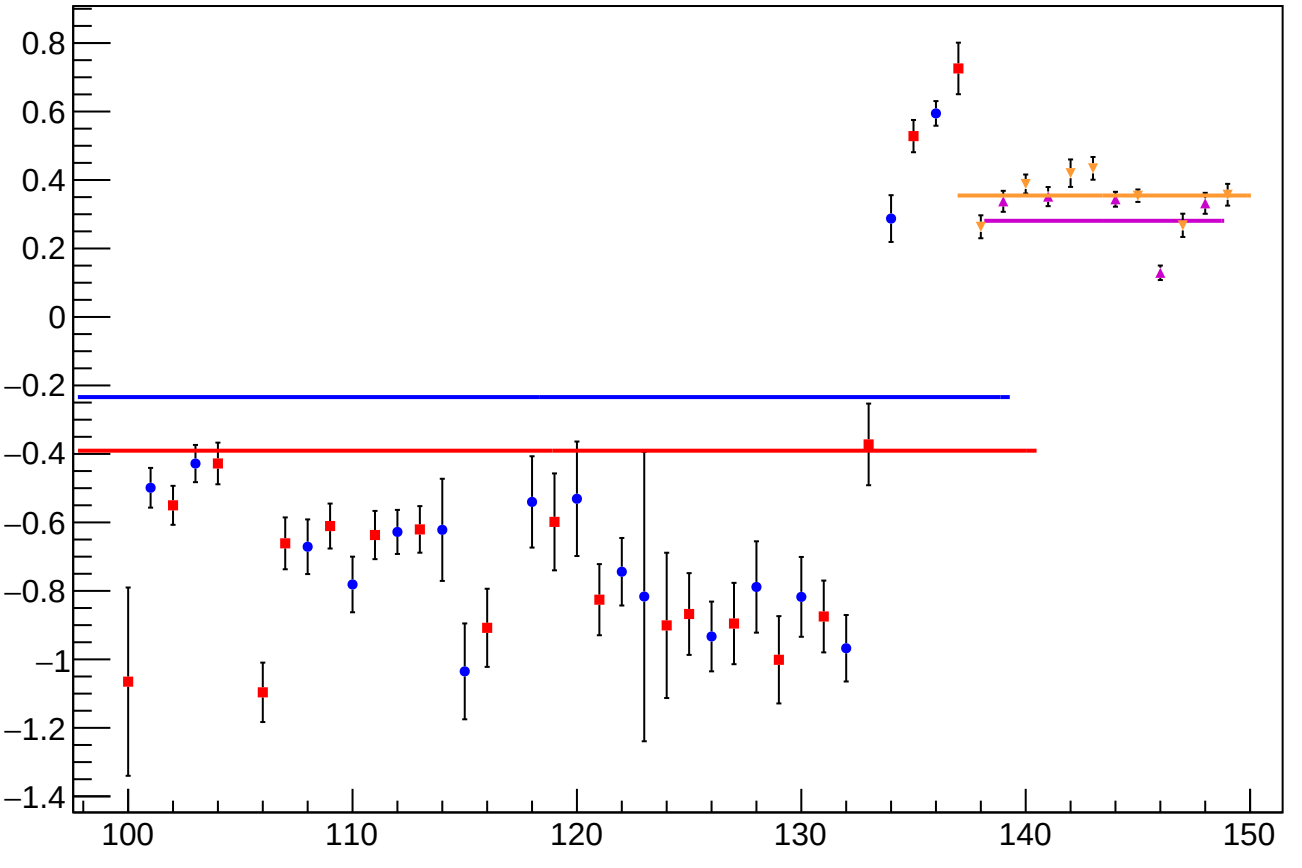
Left: 4.741+/-0.153 χ^2/NDF: 737.4/11

Right: 2.186+/-0.248 χ^2/NDF: 513.3/35

In: 4.599+/-0.184 χ^2/NDF:537.6/21

Out: 3.472+/-0.184 χ^2/NDF:771.5/25

All: 4.038+/-0.130 χ^2/NDF: 1327.8/47



Right In: -0.234+/-0.019 χ^2/NDF: 958.3/16

Left Out: 0.355+/-0.011 χ^2/NDF:23.9/6

Right Out: -0.391+/-0.019 χ^2/NDF: 852.7/18

Left In: 0.281+/-0.011 χ^2/NDF:72.5/4

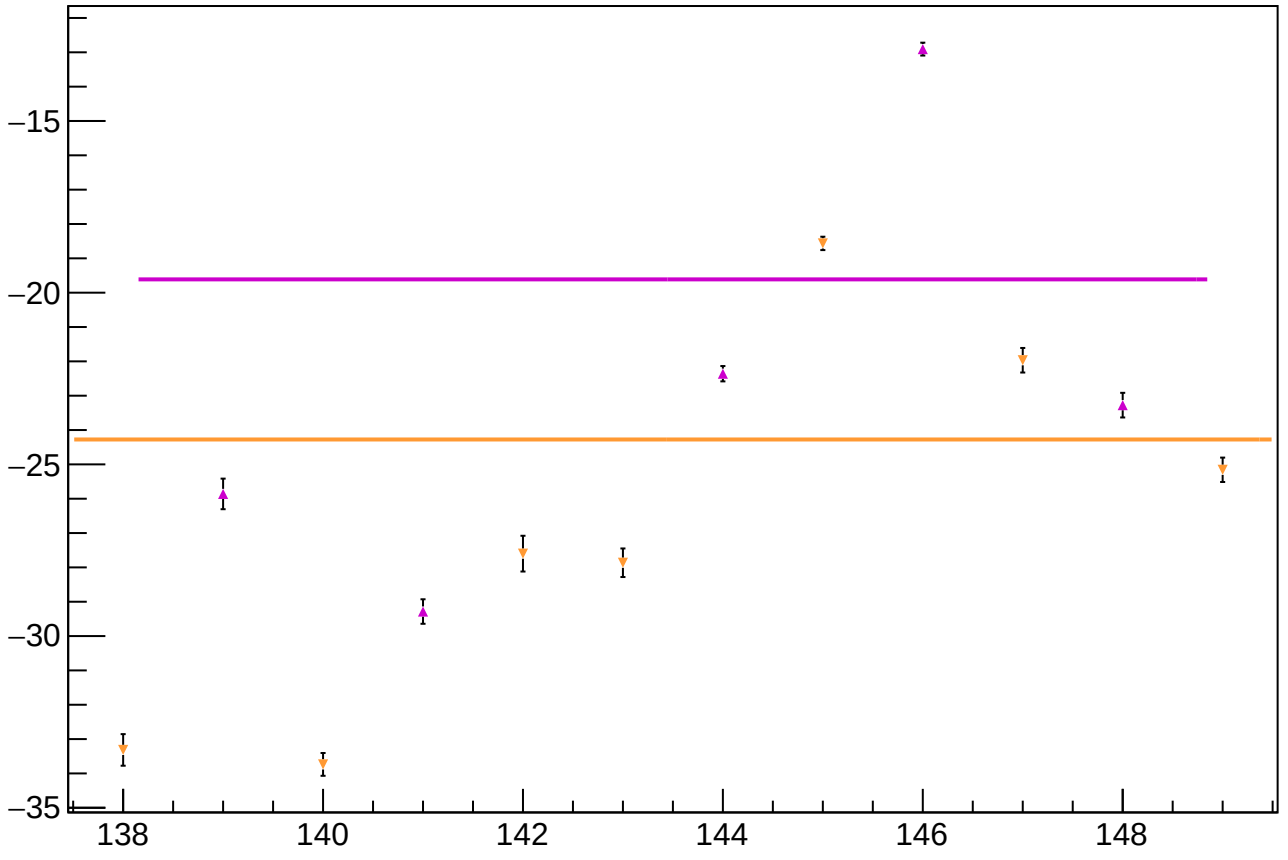
Left: 0.320+/-0.008 χ^2/NDF: 118.6/11

Right: -0.312+/-0.013 χ^2/NDF: 1845.2/35

In: 0.144+/-0.010 χ^2/NDF:1576.4/21

Out: 0.173+/-0.009 χ^2/NDF:2044.0/25

All: 0.159+/-0.007 χ^2/NDF: 3624.8/47



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

Left Out: -24.275+/-0.124 χ^2/NDF:2220.8/6

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

Left In: -19.613+/-0.120 χ^2/NDF:2467.1/4

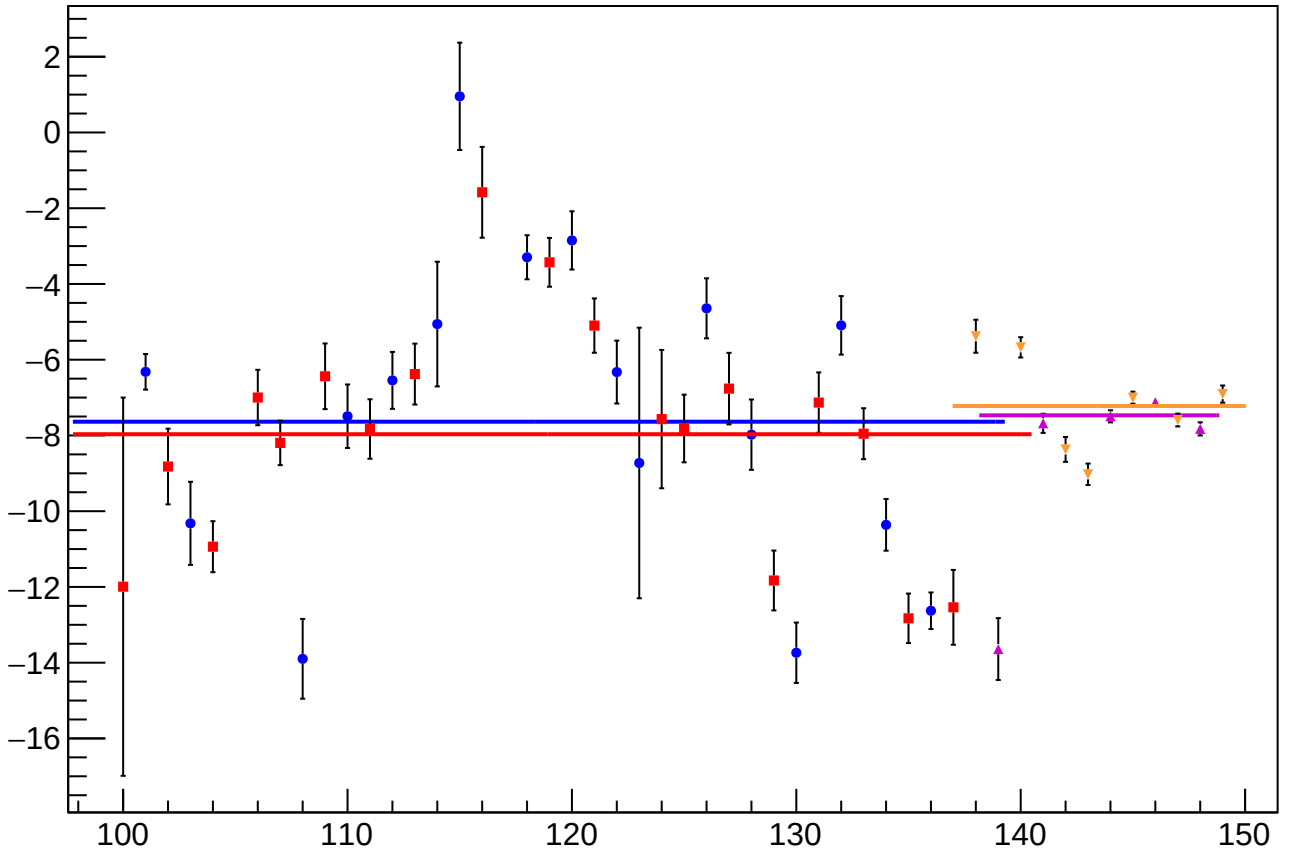
Left: -21.878+/-0.086 χ^2/NDF: 5418.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.613+/-0.120 χ^2/NDF:2467.1/4

Out: -24.275+/-0.124 χ^2/NDF:2220.8/6

All: -21.878+/-0.086 χ^2/NDF: 5418.5/11



Right In: -7.637+/-0.186 χ^2/NDF: 394.0/16

Left Out: -7.223+/-0.086 χ^2/NDF:112.6/6

Right Out: -7.968+/-0.186 χ^2/NDF: 227.2/18

Left In: -7.469+/-0.078 χ^2/NDF:70.7/4

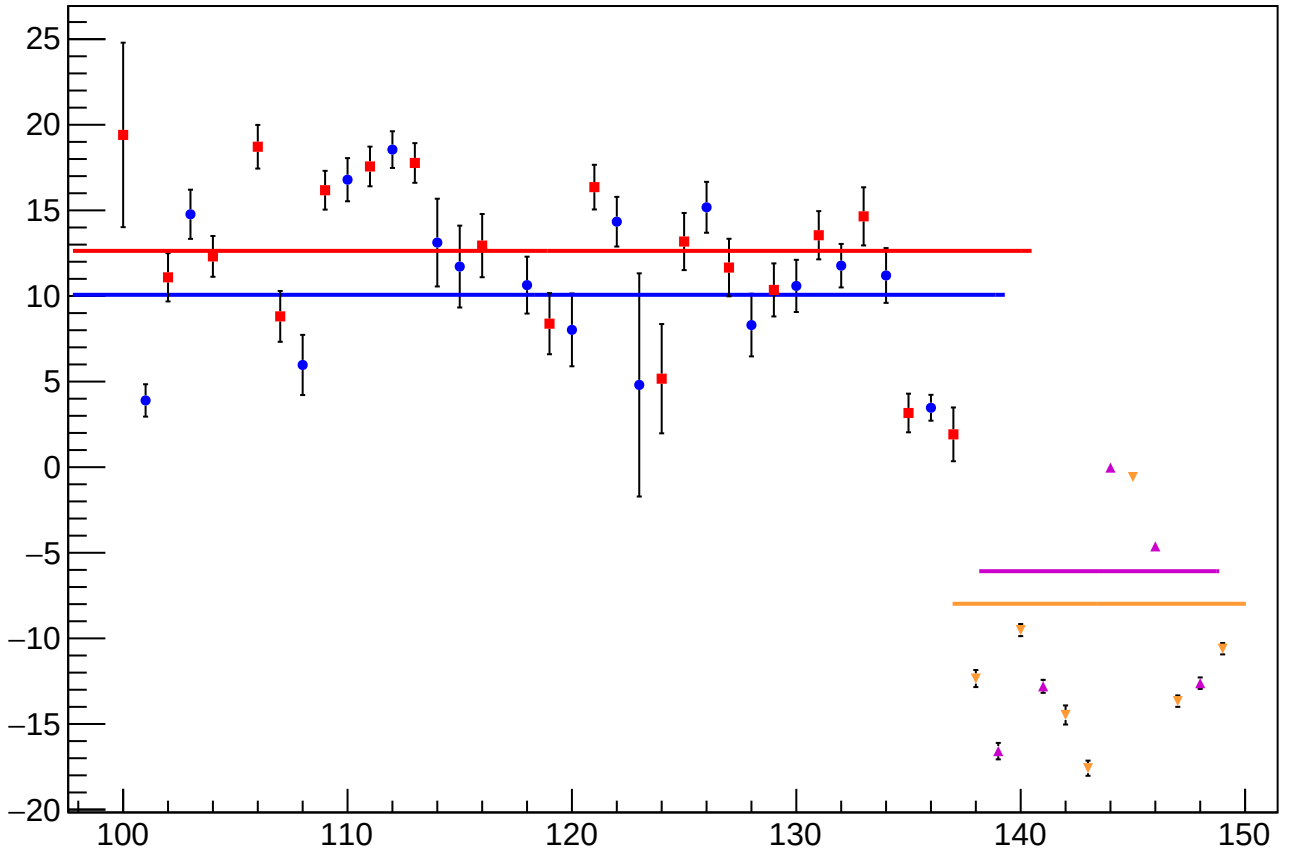
Left: -7.357+/-0.058 χ^2/NDF: 187.7/11

Right: -7.803+/-0.131 χ^2/NDF: 622.8/35

In: -7.494+/-0.072 χ^2/NDF:465.3/21

Out: -7.355+/-0.078 χ^2/NDF:353.0/25

All: -7.430+/-0.053 χ^2/NDF: 820.1/47



Right In: 10.068+/-0.337 χ^2/NDF: 253.6/16

Left Out: -7.979+/-0.127 χ^2/NDF:2343.6/6

Right Out: 12.635+/-0.332 χ^2/NDF: 220.5/18

Left In: -6.075+/-0.121 χ^2/NDF:1873.2/4

Left: -6.980+/-0.088 χ^2/NDF: 4334.5/11

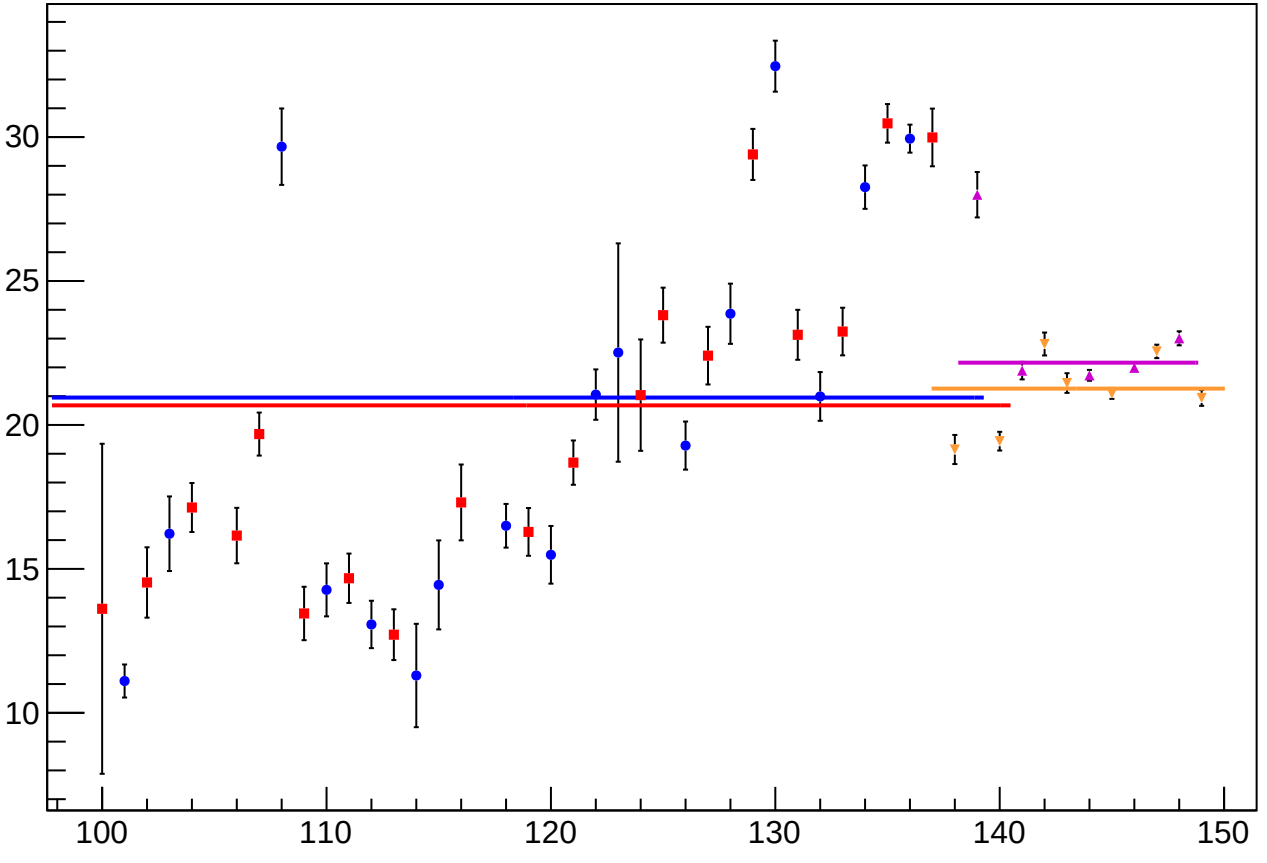
Right: 11.370+/-0.237 χ^2/NDF: 503.5/35

In: -4.237+/-0.114 χ^2/NDF:4155.2/21

Out: -5.351+/-0.119 χ^2/NDF:5918.4/25

All: -4.771+/-0.082 χ^2/NDF: 10119.4/47

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951+/-0.210 χ^2/NDF: 1222.8/16

Left Out: 21.263+/-0.106 χ^2/NDF:97.5/6

Right Out: 20.680+/-0.213 χ^2/NDF: 728.4/18

Left In: 22.163+/-0.098 χ^2/NDF:74.5/4

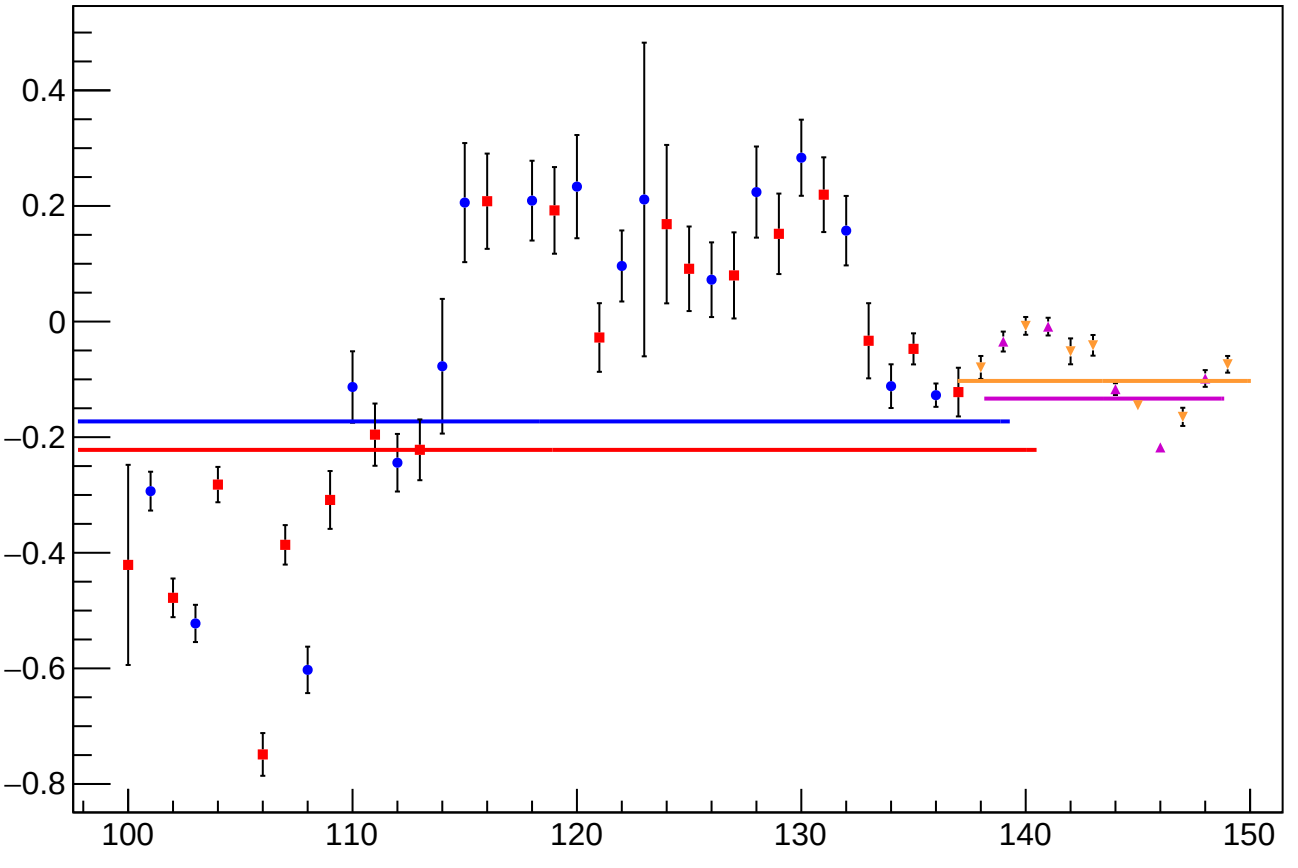
Left: 21.745+/-0.072 χ^2/NDF: 210.8/11

Right: 20.818+/-0.149 χ^2/NDF: 1952.1/35

In: 21.945+/-0.089 χ^2/NDF:1324.6/21

Out: 21.147+/-0.095 χ^2/NDF:831.9/25

All: 21.570+/-0.065 χ^2/NDF: 2194.2/47



Right In: -0.173+/-0.011 χ^2/NDF: 460.3/16

Left Out: -0.103+/-0.005 χ^2/NDF:103.4/6

Right Out: -0.222+/-0.011 χ^2/NDF: 536.5/18

Left In: -0.133+/-0.005 χ^2/NDF:207.1/4

Left: -0.118+/-0.004 χ^2/NDF: 327.2/11

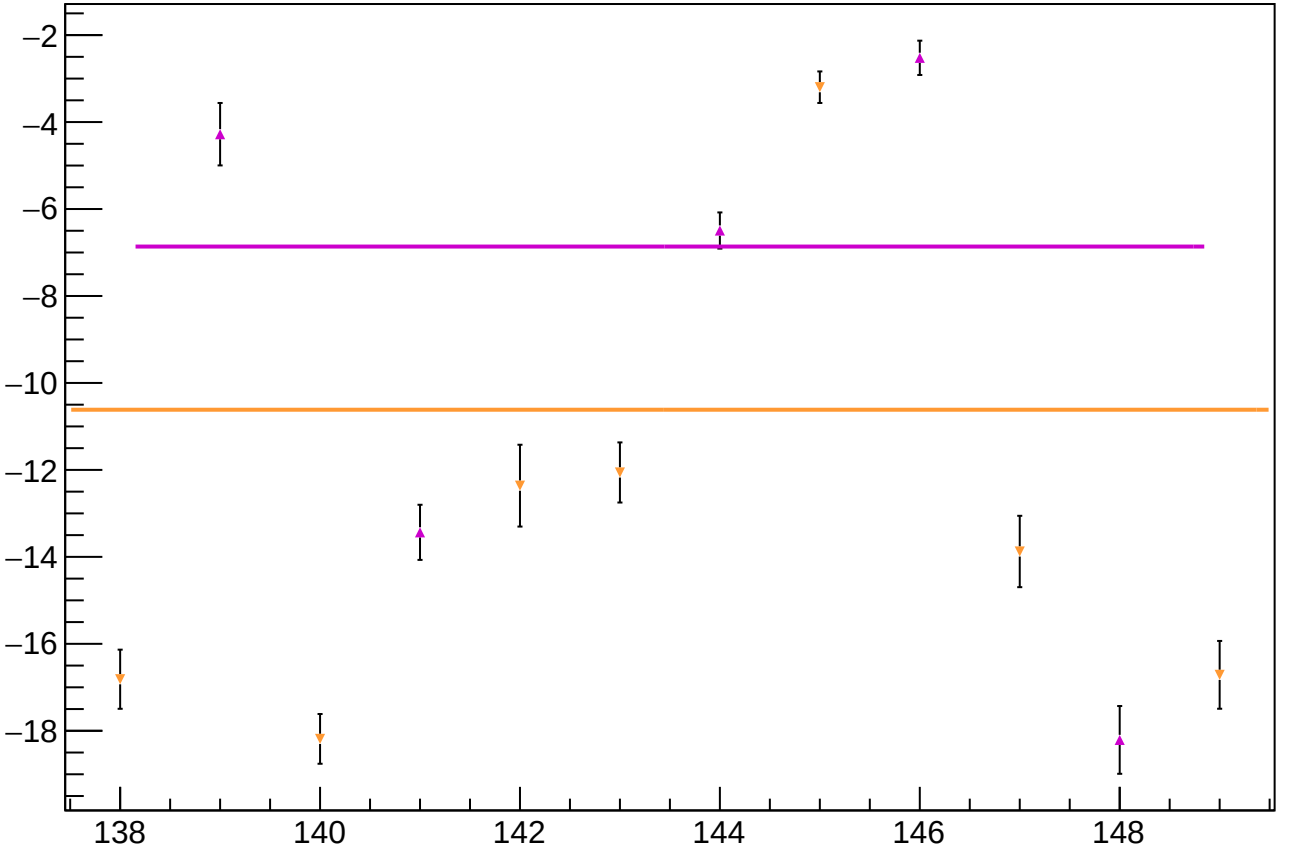
Right: -0.198+/-0.008 χ^2/NDF: 1006.7/35

In: -0.140+/-0.005 χ^2/NDF:677.6/21

Out: -0.125+/-0.005 χ^2/NDF:736.3/25

All: -0.133+/-0.003 χ^2/NDF: 1419.0/47

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.616+/-0.228 χ^2/NDF:761.2/6

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

Left In: -6.863+/-0.234 χ^2/NDF:454.3/4

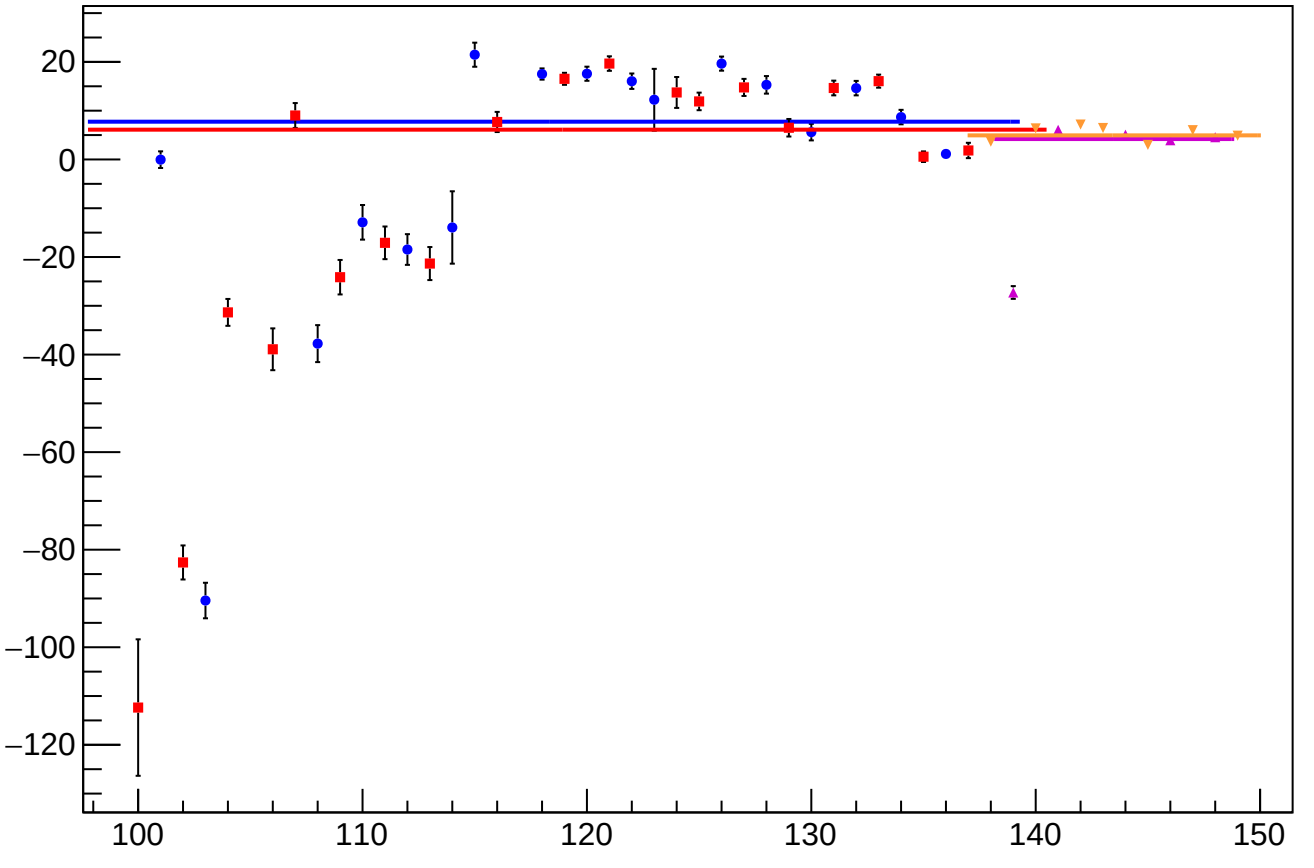
Left: -8.784+/-0.163 χ^2/NDF: 1347.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.863+/-0.234 χ^2/NDF:454.3/4

Out: -10.616+/-0.228 χ^2/NDF:761.2/6

All: -8.784+/-0.163 χ^2/NDF: 1347.3/11



Right In: 7.742+/-0.403 χ^2/NDF: 1358.9/16

Left Out: 4.940+/-0.164 χ^2/NDF:91.1/6

Right Out: 6.106+/-0.433 χ^2/NDF: 1517.7/18

Left In: 4.183+/-0.159 χ^2/NDF:607.9/4

Left: 4.548+/-0.114 χ^2/NDF: 709.9/11

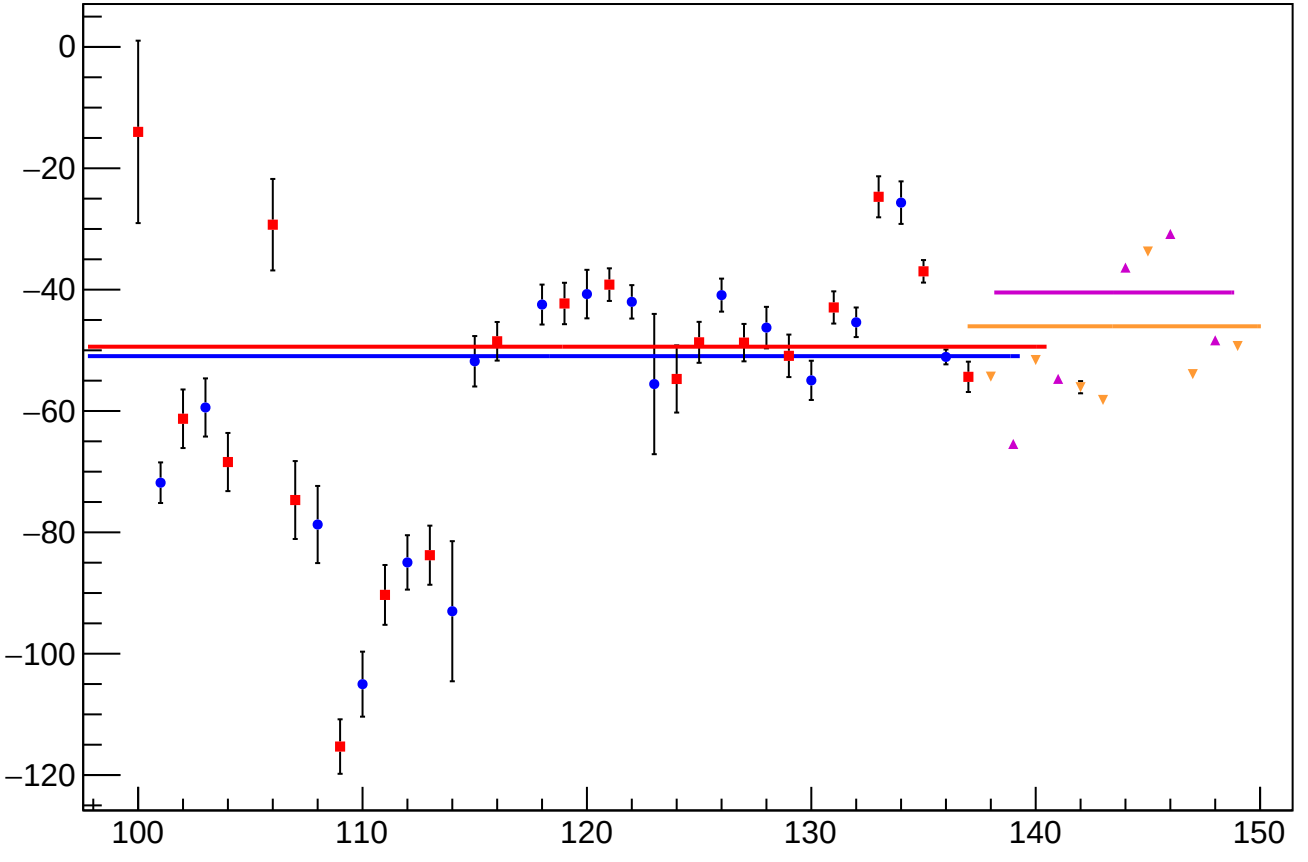
Right: 6.984+/-0.295 χ^2/NDF: 2884.3/35

In: 4.661+/-0.148 χ^2/NDF:2034.3/21

Out: 5.087+/-0.154 χ^2/NDF:1615.1/25

All: 4.866+/-0.107 χ^2/NDF: 3653.4/47

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: -46.041+/-0.238 χ^2/NDF:1717.6/6

Right Out: -49.402+/-0.797 χ^2/NDF: 512.0/18

Left In: -40.468+/-0.238 χ^2/NDF:2325.8/4

Left: -43.248+/-0.168 χ^2/NDF: 4317.4/11

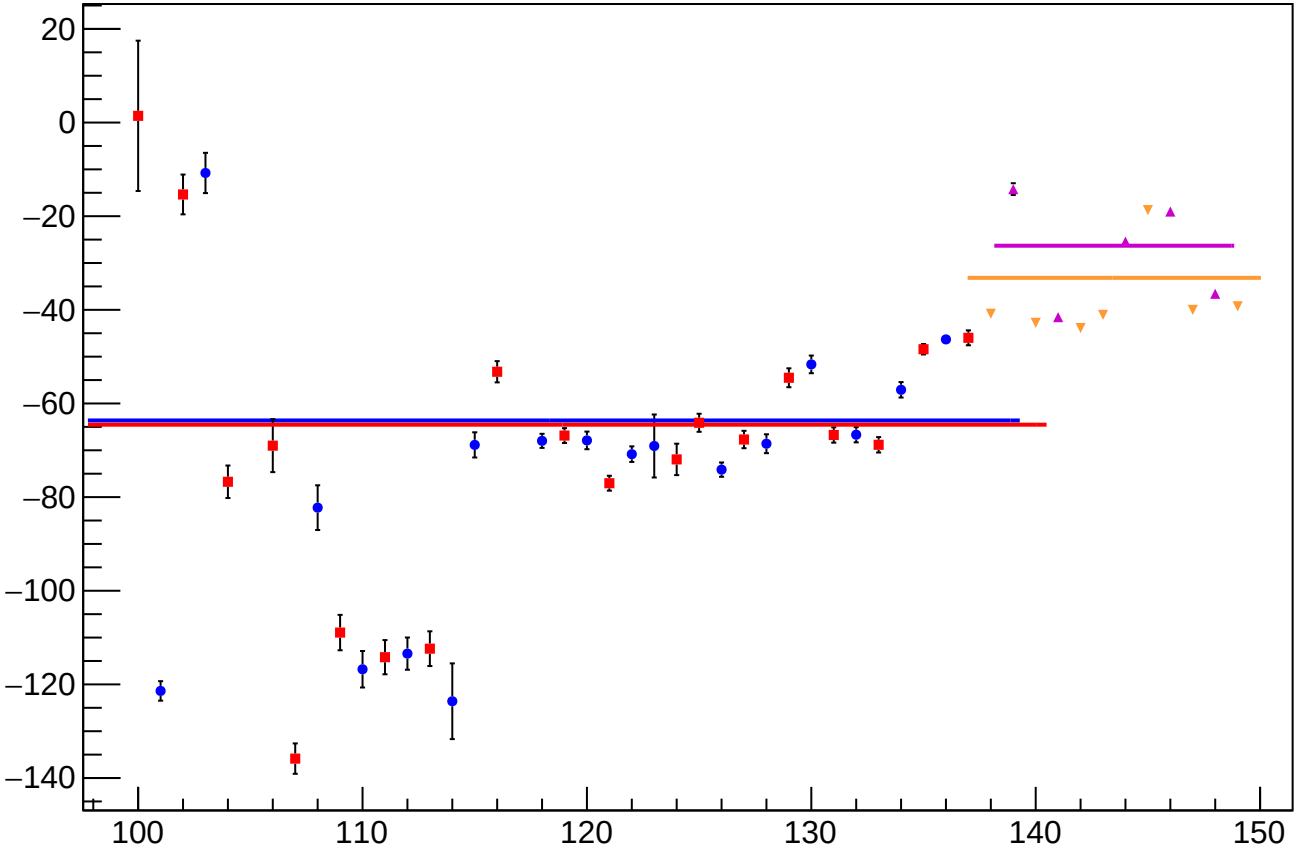
Right: -50.240+/-0.542 χ^2/NDF: 845.9/35

In: -41.454+/-0.226 χ^2/NDF:2840.6/21

Out: -46.317+/-0.228 χ^2/NDF:2245.9/25

All: -43.864+/-0.161 χ^2/NDF: 5315.3/47

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: -33.163+/-0.199 χ^2/NDF:2952.2/6

Right Out: -64.531+/-0.482 χ^2/NDF: 1611.2/18

Left In: -26.304+/-0.197 χ^2/NDF:1802.4/4

Left: -29.694+/-0.140 χ^2/NDF: 5353.3/11

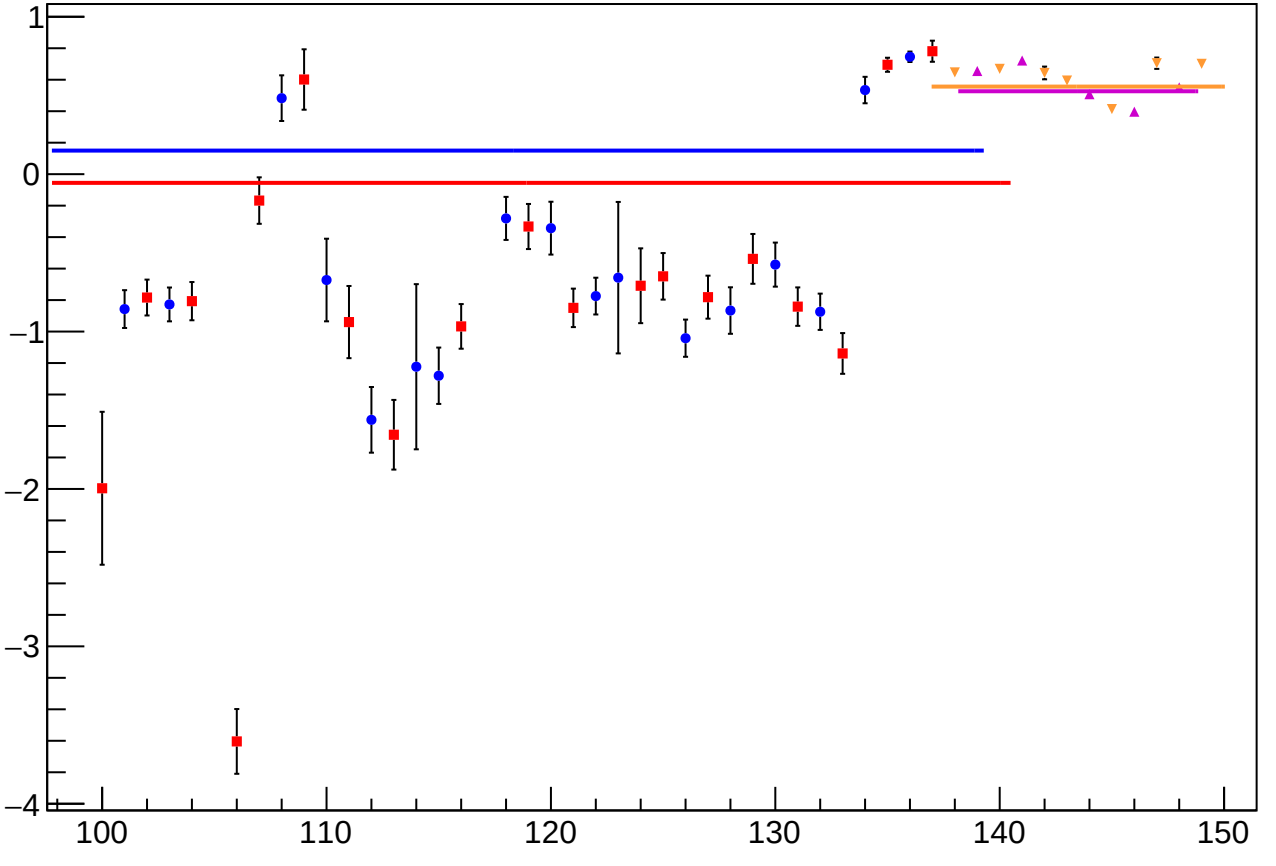
Right: -64.046+/-0.327 χ^2/NDF: 3624.3/35

In: -32.404+/-0.180 χ^2/NDF:9677.4/21

Out: -37.747+/-0.184 χ^2/NDF:8180.3/25

All: -35.017+/-0.129 χ^2/NDF: 18287.3/47

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.024 χ^2/NDF: 989.2/16

Left Out: 0.556+/-0.010 χ^2/NDF:159.8/6

Right Out: -0.055+/-0.026 χ^2/NDF: 1170.0/18

Left In: 0.527+/-0.010 χ^2/NDF:127.5/4

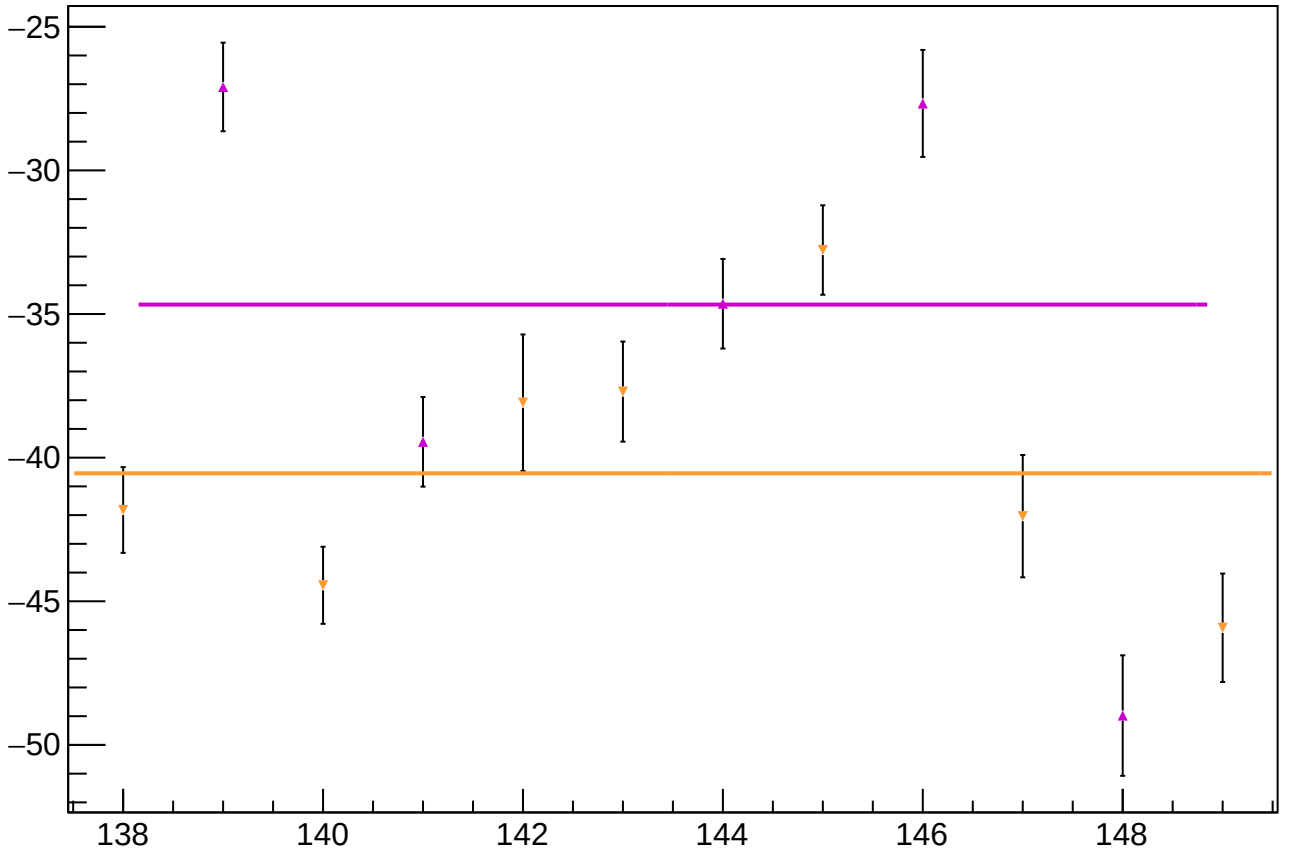
Left: 0.542+/-0.007 χ^2/NDF: 291.6/11

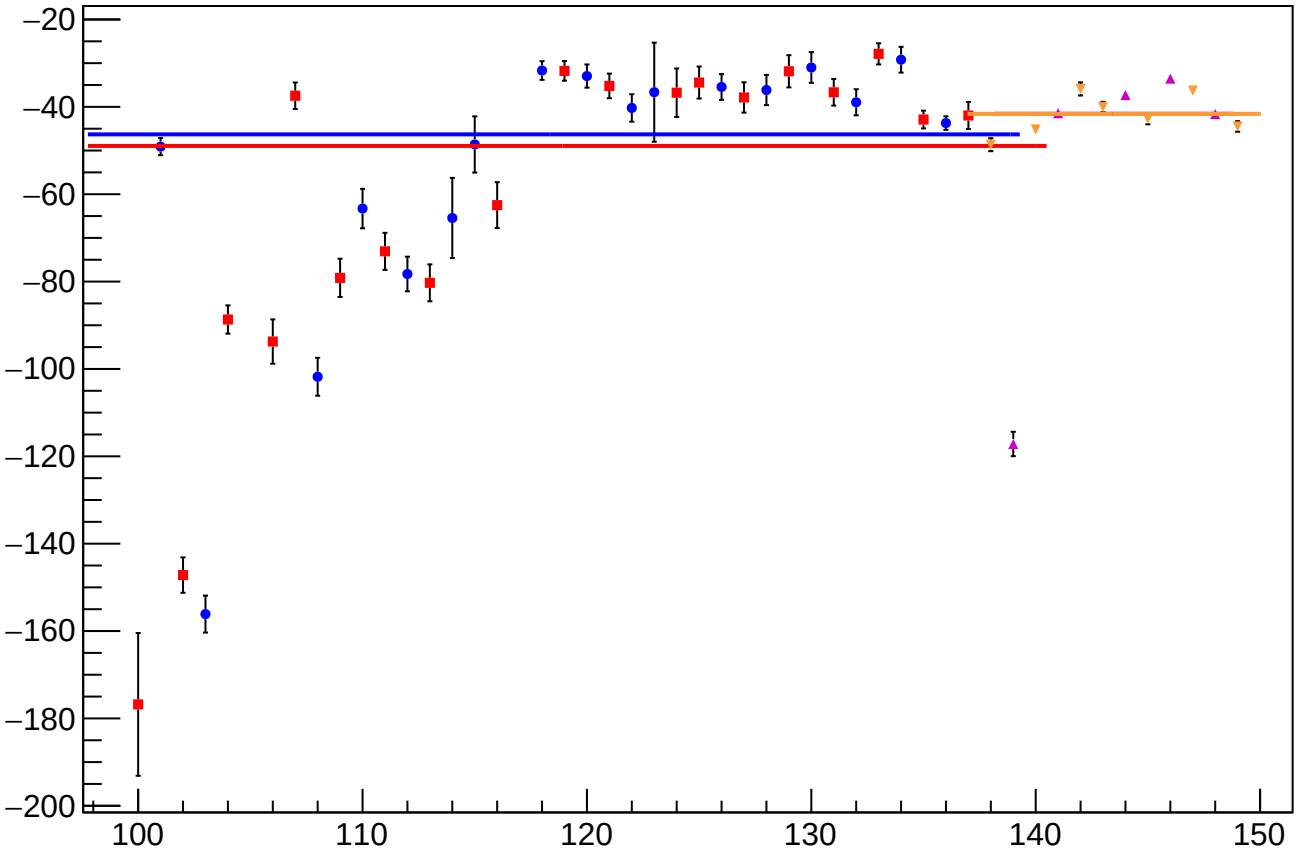
Right: 0.056+/-0.018 χ^2/NDF: 2192.5/35

In: 0.469+/-0.009 χ^2/NDF:1325.5/21

Out: 0.481+/-0.009 χ^2/NDF:1808.2/25

All: 0.475+/-0.007 χ^2/NDF: 3134.6/47


reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected
−25
−30
−35
−40
−45
−50
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -40.544+/-0.642 χ²/NDF:46.4/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -34.671+/-0.754 χ²/NDF:94.2/4
Left: -38.075+/-0.489 χ²/NDF: 175.9/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -34.671+/-0.754 χ²/NDF:94.2/4
Out: -40.544+/-0.642 χ²/NDF:46.4/6
All: -38.075+/-0.489 χ²/NDF: 175.9/11



Right In: -46.301+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -41.613+/-0.461 χ^2/NDF:83.3/6

Right Out: -48.945+/-0.762 χ^2/NDF: 1273.6/18

Left In: -41.582+/-0.537 χ^2/NDF:797.8/4

Left: -41.600+/-0.350 χ^2/NDF: 881.1/11

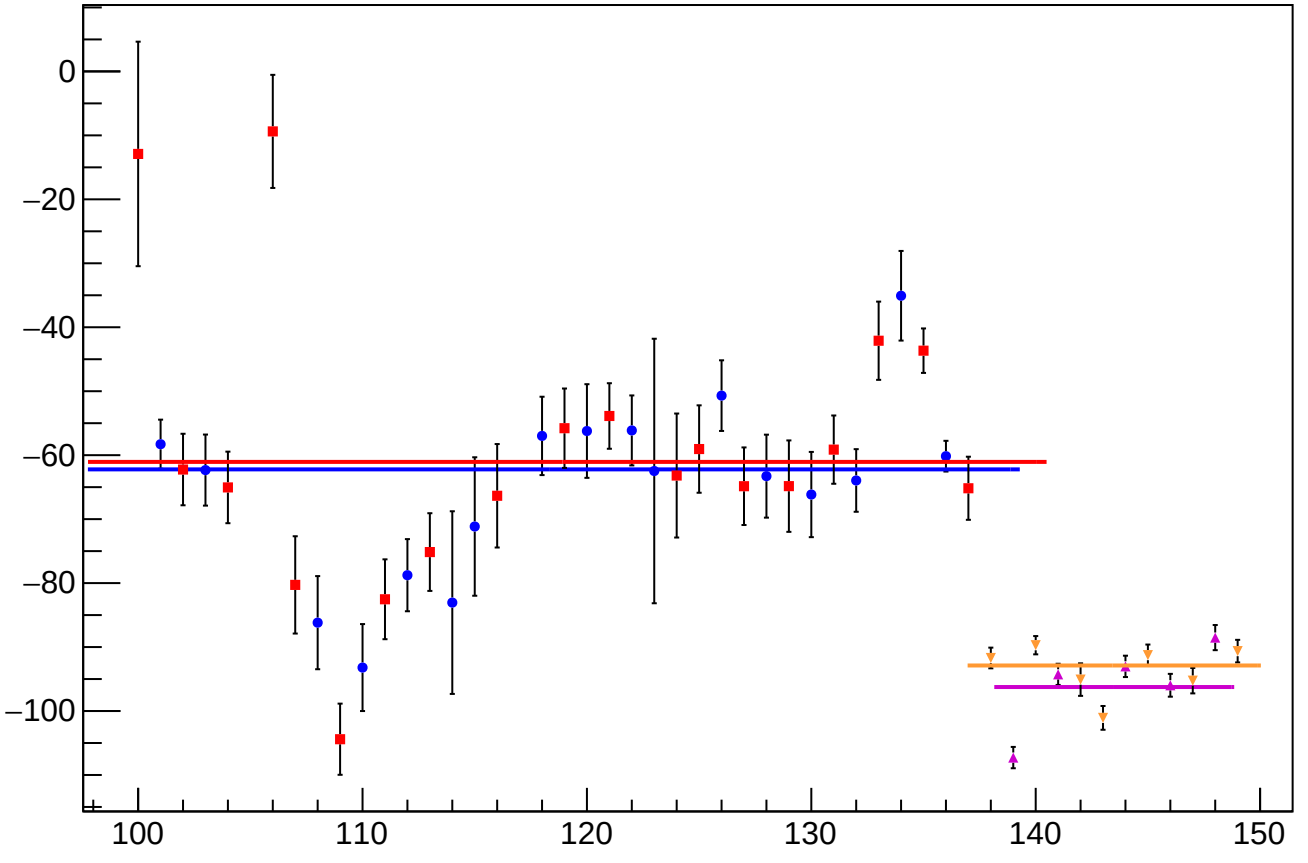
Right: -47.554+/-0.525 χ^2/NDF: 2363.9/35

In: -43.259+/-0.431 χ^2/NDF:1909.2/21

Out: -43.576+/-0.394 χ^2/NDF:1424.6/25

All: -43.432+/-0.291 χ^2/NDF: 3334.1/47

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: -92.881+/-0.666 χ^2/NDF:29.6/6

Right Out: -61.051+/-1.379 χ^2/NDF: 166.0/18

Left In: -96.249+/-0.777 χ^2/NDF:64.4/4

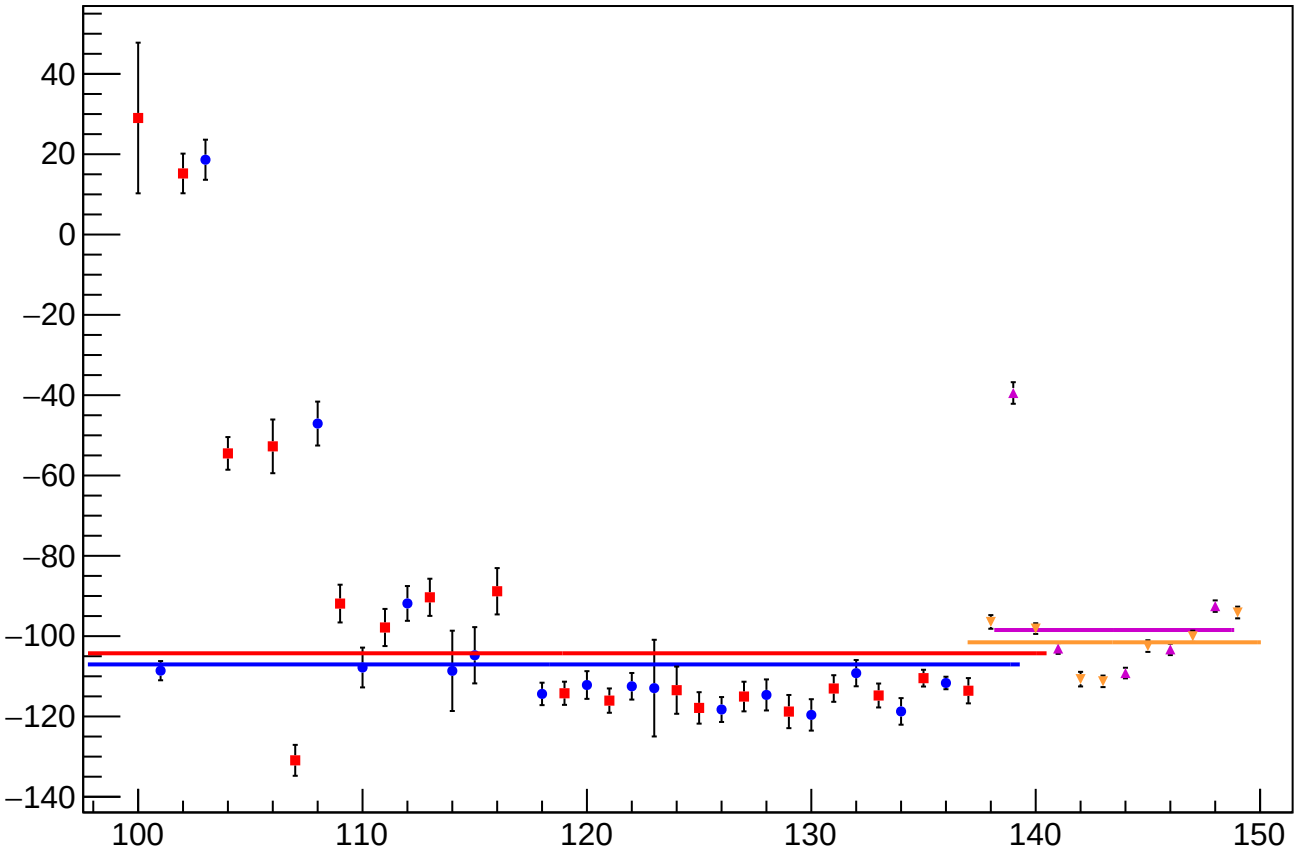
Left: -94.307+/-0.506 χ^2/NDF: 104.9/11

Right: -61.665+/-0.950 χ^2/NDF: 233.6/35

In: -87.406+/-0.669 χ^2/NDF:629.9/21

Out: -86.859+/-0.600 χ^2/NDF:627.8/25

All: -87.103+/-0.446 χ^2/NDF: 1258.1/47



Right In: -107.040+/-0.812 χ^2/NDF: 827.8/16

Left Out: -101.535+/-0.563 χ^2/NDF:114.0/6

Right Out: -104.269+/-0.860 χ^2/NDF: 1018.0/18

Left In: -98.472+/-0.667 χ^2/NDF:588.0/4

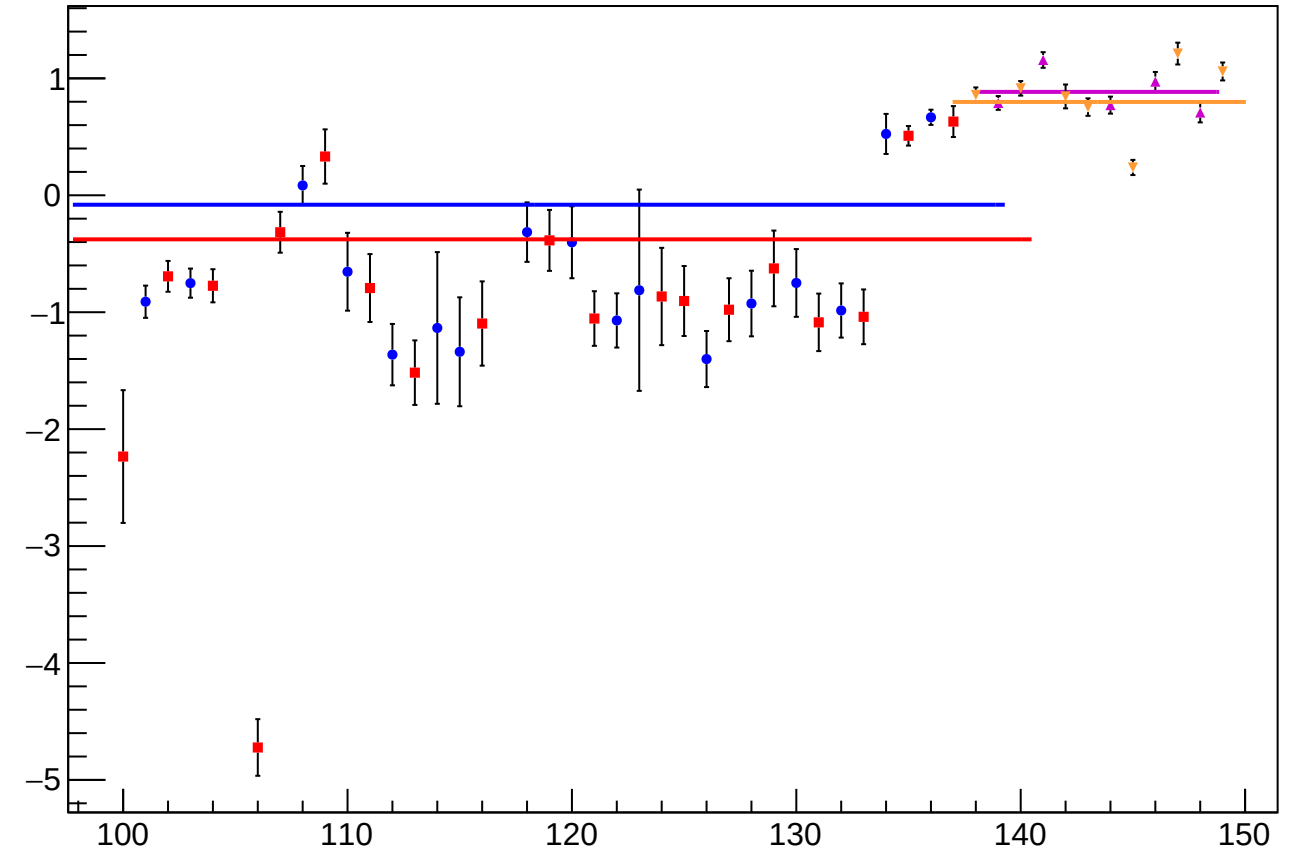
Left: -100.260+/-0.430 χ^2/NDF: 714.3/11

Right: -105.733+/-0.590 χ^2/NDF: 1851.4/35

In: -101.922+/-0.515 χ^2/NDF:1482.3/21

Out: -102.355+/-0.471 χ^2/NDF:1139.1/25

All: -102.158+/-0.348 χ^2/NDF: 2621.8/47



Right In: -0.081+/-0.042 χ^2/NDF: 328.9/16

Left Out: 0.798+/-0.028 χ^2/NDF:110.8/6

Right Out: -0.377+/-0.044 χ^2/NDF: 583.6/18

Left In: 0.884+/-0.032 χ^2/NDF:27.1/4

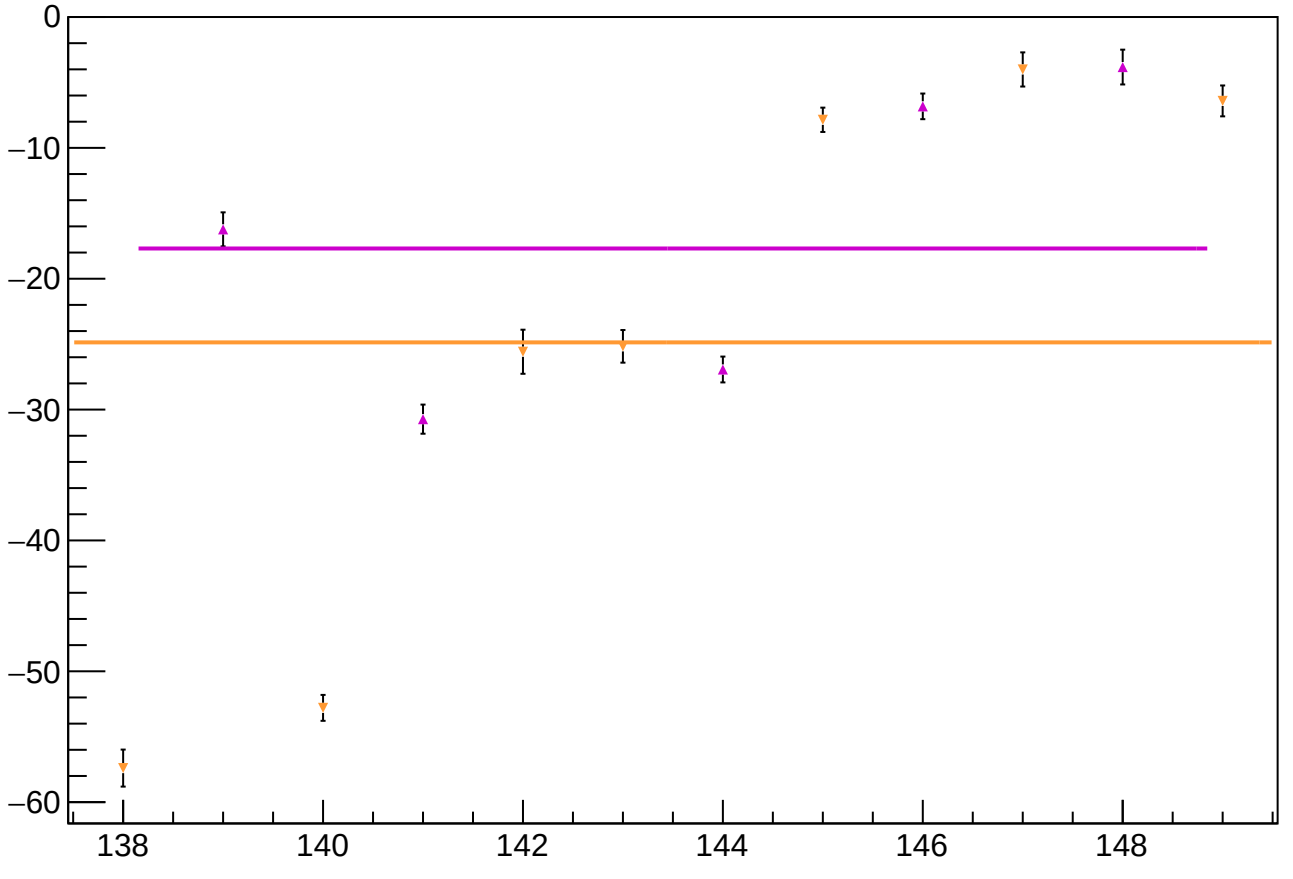
Left: 0.835+/-0.021 χ^2/NDF: 142.1/11

Right: -0.223+/-0.030 χ^2/NDF: 936.1/35

In: 0.534+/-0.025 χ^2/NDF:689.4/21

Out: 0.463+/-0.023 χ^2/NDF:1207.1/25

All: 0.496+/-0.017 χ^2/NDF: 1900.8/47



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

Left Out: -24.865+/-0.448 χ^2/NDF:2159.6/6

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

Left In: -17.690+/-0.498 χ^2/NDF:458.0/4

Left: -21.654+/-0.333 χ^2/NDF: 2732.3/11

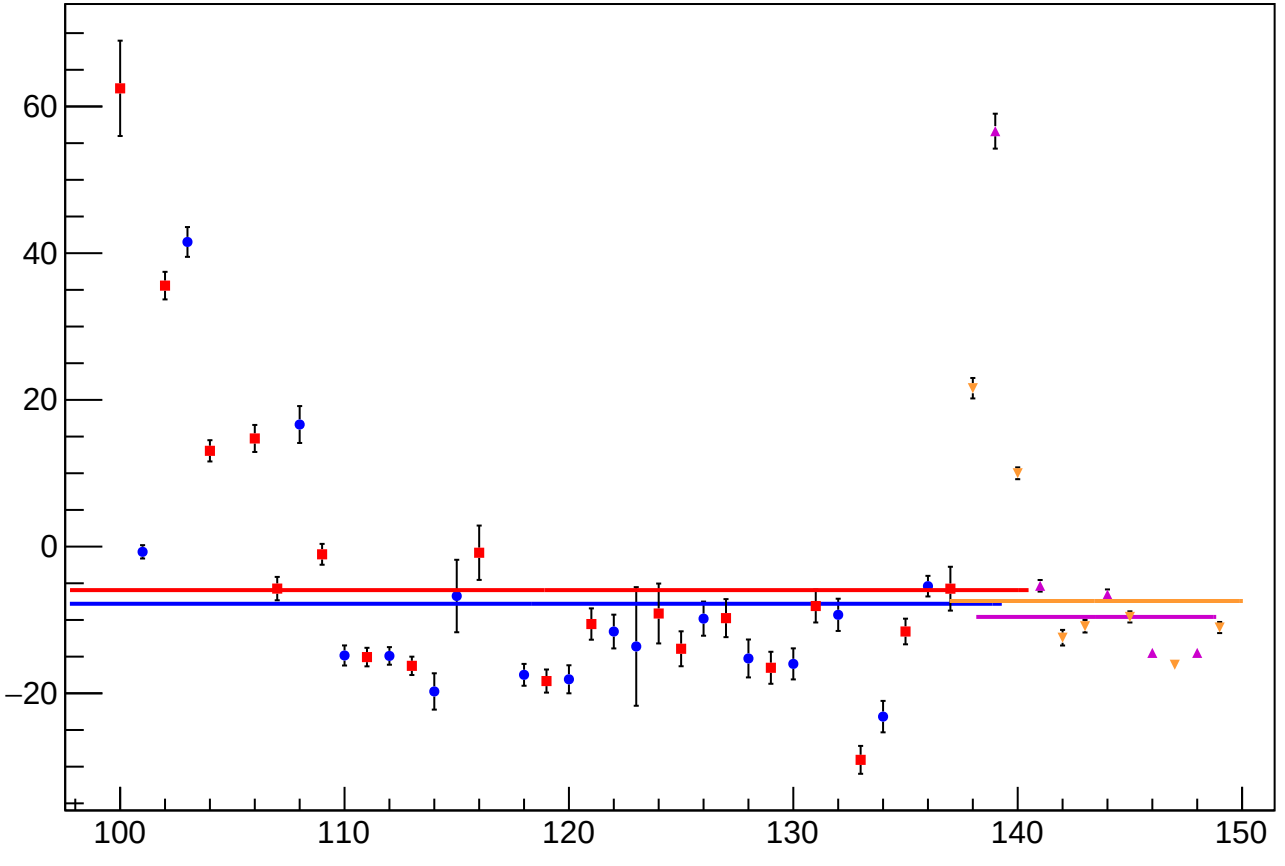
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.690+/-0.498 χ^2/NDF:458.0/4

Out: -24.865+/-0.448 χ^2/NDF:2159.6/6

All: -21.654+/-0.333 χ^2/NDF: 2732.3/11

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: -7.415+/-0.311 χ^2/NDF:1161.1/6

Right Out: -5.932+/-0.429 χ^2/NDF: 1294.2/18

Left In: -9.586+/-0.337 χ^2/NDF:941.6/4

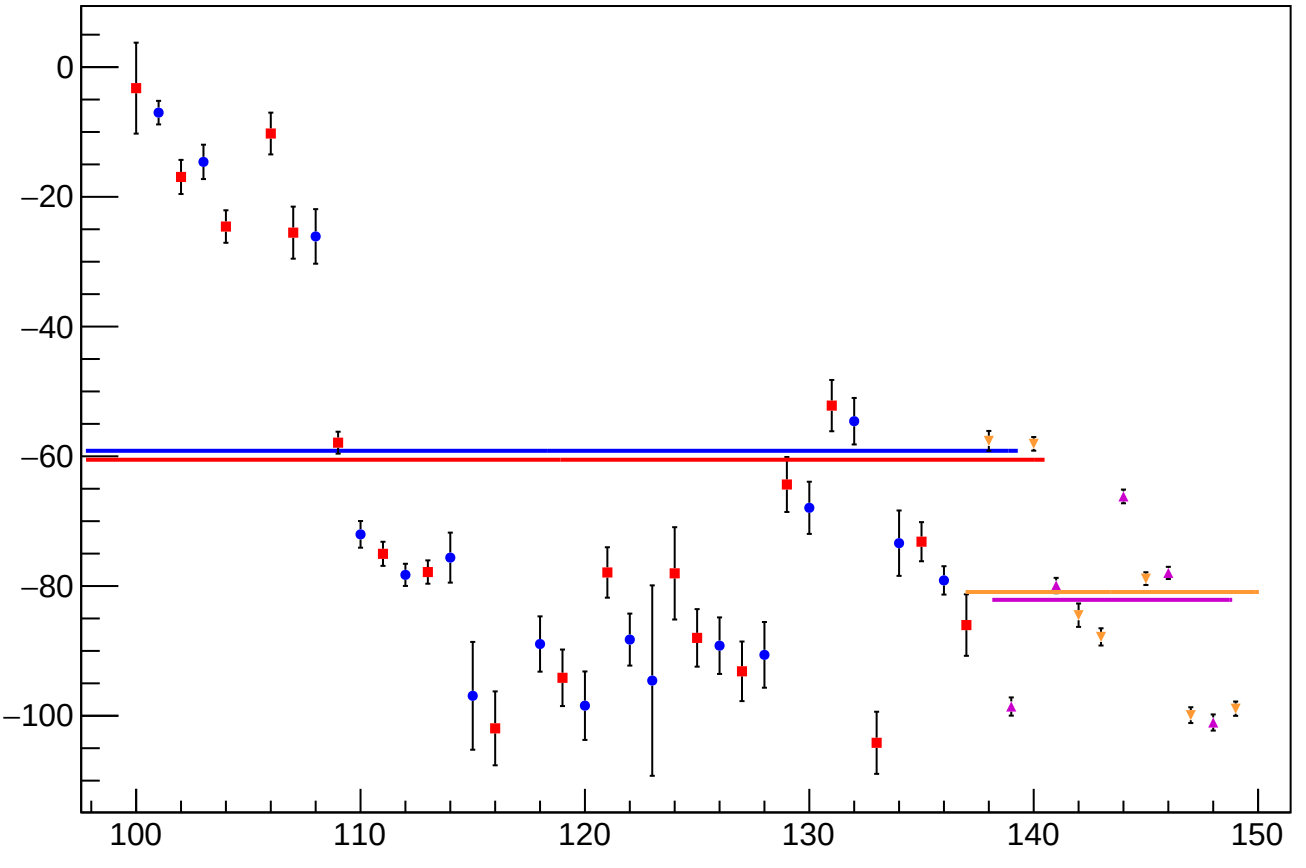
Left: -8.412+/-0.229 χ^2/NDF: 2125.1/11

Right: -6.865+/-0.303 χ^2/NDF: 2286.4/35

In: -8.900+/-0.265 χ^2/NDF:1935.2/21

Out: -6.904+/-0.252 χ^2/NDF:2463.2/25

All: -7.851+/-0.182 χ^2/NDF: 4428.2/47



Right In: -59.150+/-0.745 χ^2/NDF: 1718.3/16

Left Out: -80.917+/-0.460 χ^2/NDF:1243.7/6

Right Out: -60.530+/-0.704 χ^2/NDF: 1385.2/18

Left In: -82.128+/-0.507 χ^2/NDF:617.5/4

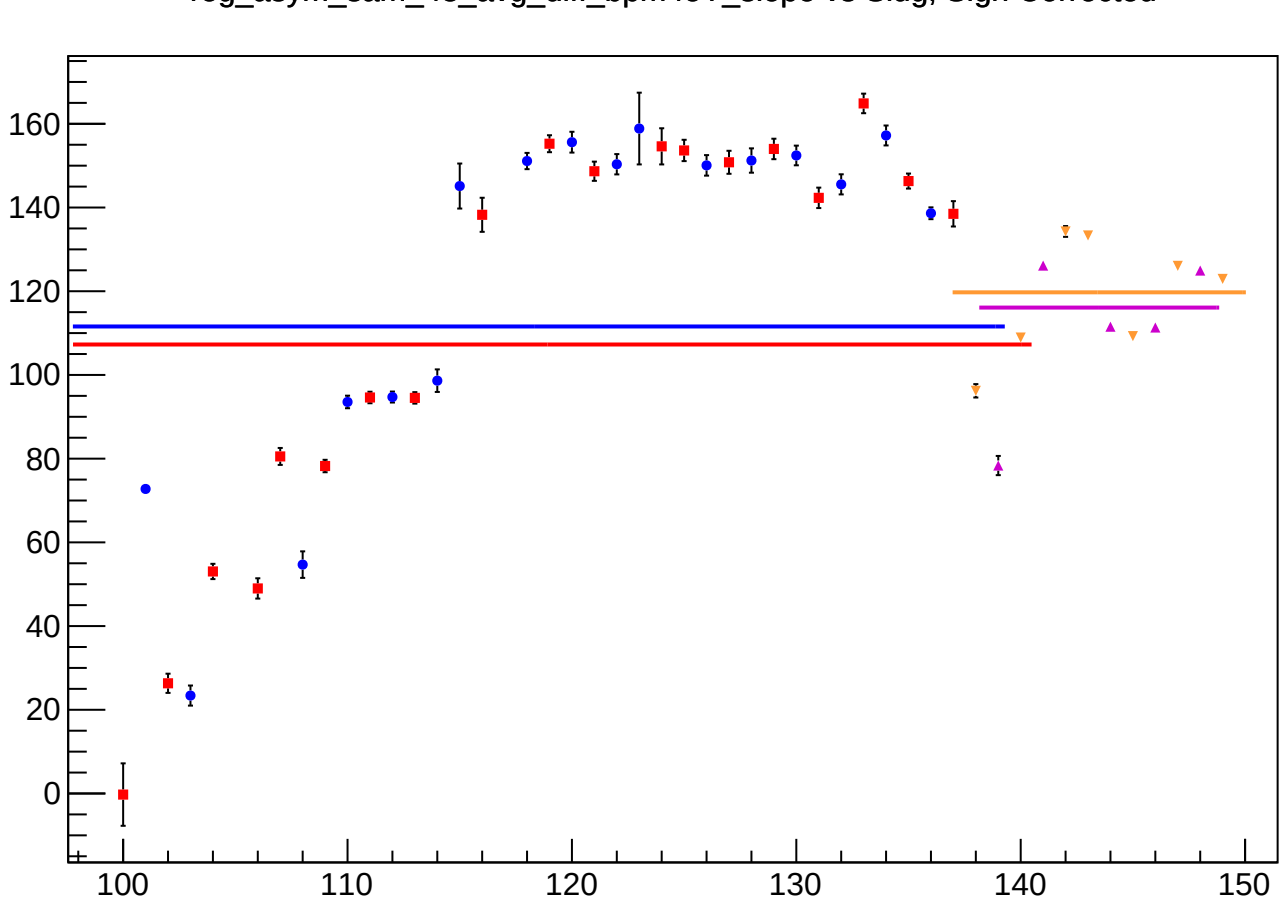
Left: -81.463+/-0.341 χ^2/NDF: 1864.4/11

Right: -59.879+/-0.512 χ^2/NDF: 3105.4/35

In: -74.855+/-0.419 χ^2/NDF:2985.6/21

Out: -74.818+/-0.385 χ^2/NDF:3216.5/25

All: -74.835+/-0.284 χ^2/NDF: 6202.1/47



Right In: 111.580+/-0.487 χ^2/NDF: 5946.0/16

Left Out: 119.738+/-0.382 χ^2/NDF:849.7/6

Right Out: 107.273+/-0.488 χ^2/NDF: 7044.9/18

Left In: 116.095+/-0.421 χ^2/NDF:544.6/4

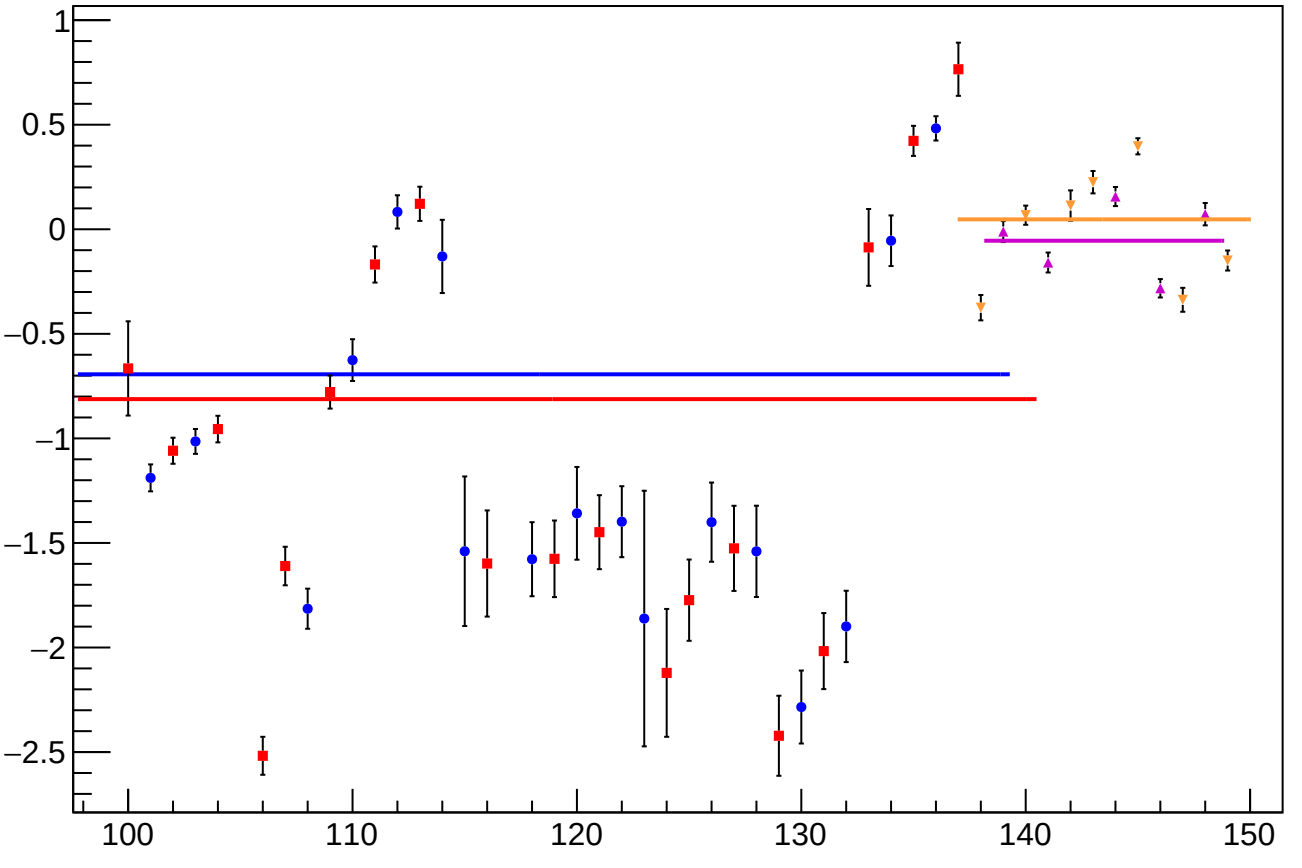
Left: 118.094+/-0.283 χ^2/NDF: 1435.4/11

Right: 109.427+/-0.345 χ^2/NDF: 13029.8/35

In: 114.165+/-0.319 χ^2/NDF:6539.7/21

Out: 114.996+/-0.301 χ^2/NDF:8299.6/25

All: 114.605+/-0.219 χ^2/NDF: 14842.9/47



Right In: -0.694+/-0.026 χ^2/NDF: 990.7/16

Left Out: 0.047+/-0.019 χ^2/NDF:204.6/6

Right Out: -0.812+/-0.024 χ^2/NDF: 1309.2/18

Left In: -0.055+/-0.021 χ^2/NDF:59.3/4

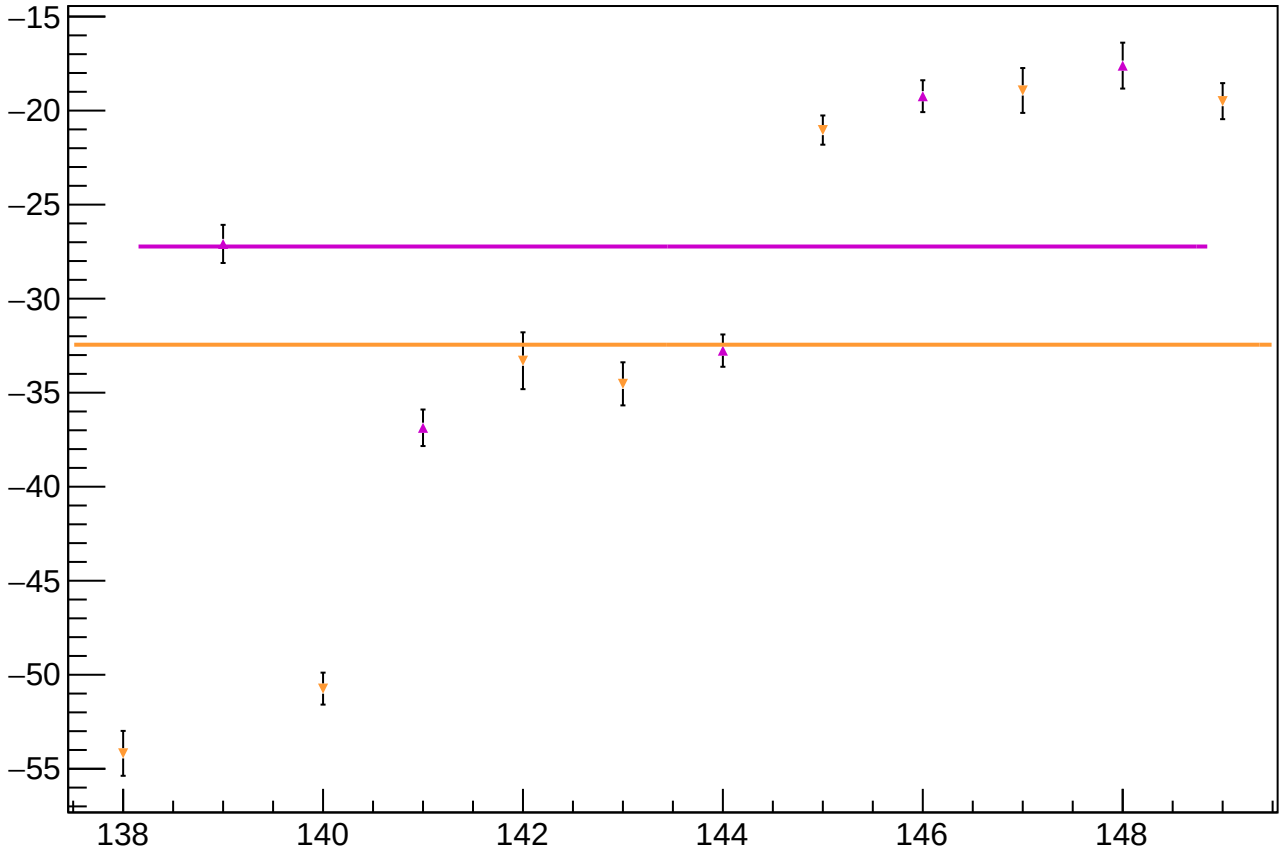
Left: 0.002+/-0.014 χ^2/NDF: 276.5/11

Right: -0.756+/-0.018 χ^2/NDF: 2311.1/35

In: -0.315+/-0.016 χ^2/NDF:1412.8/21

Out: -0.283+/-0.015 χ^2/NDF:2281.6/25

All: -0.298+/-0.011 χ^2/NDF: 3696.4/47



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

Left Out: -32.449+/-0.385 χ^2/NDF:1325.2/6

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

Left In: -27.228+/-0.428 χ^2/NDF:291.3/4

Left: -30.113+/-0.286 χ^2/NDF: 1698.7/11

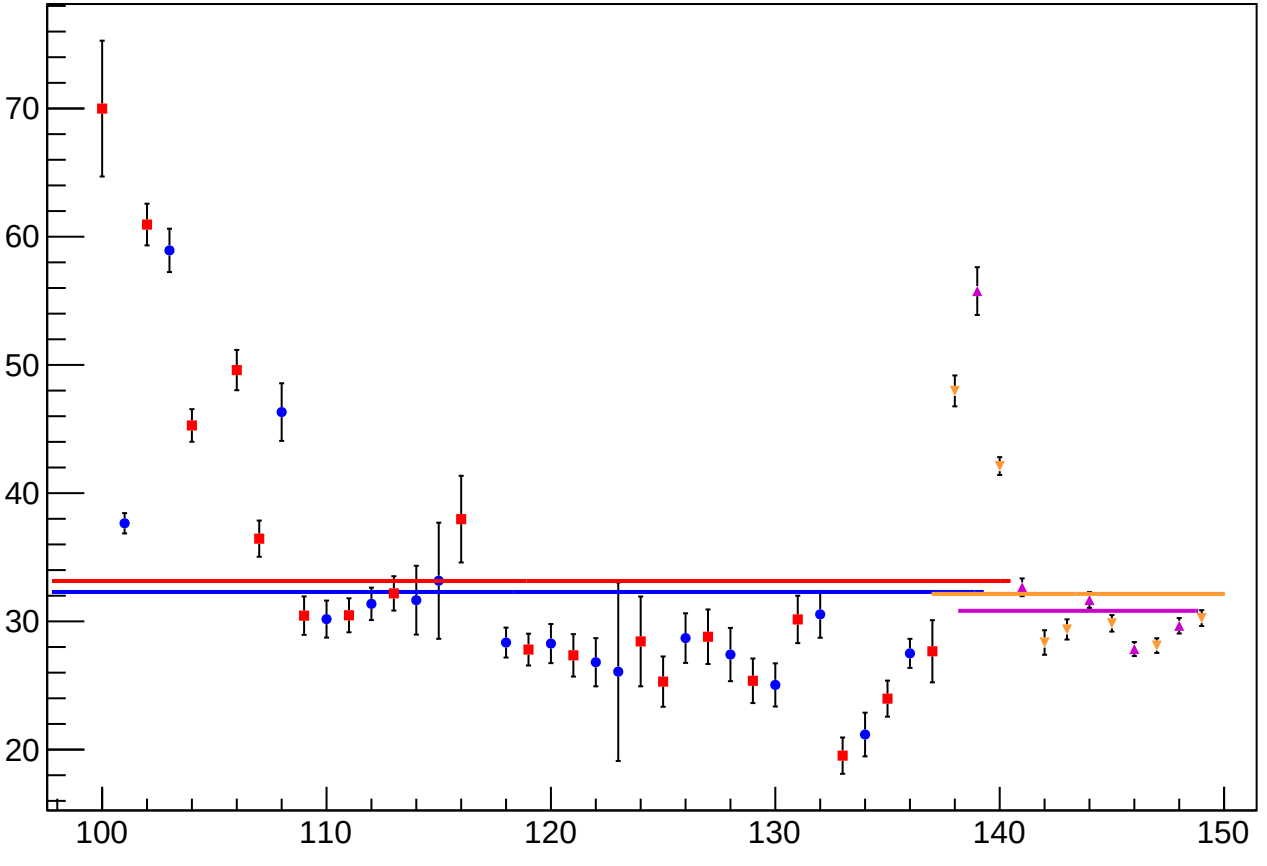
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.228+/-0.428 χ^2/NDF:291.3/4

Out: -32.449+/-0.385 χ^2/NDF:1325.2/6

All: -30.113+/-0.286 χ^2/NDF: 1698.7/11

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: 32.144+/-0.272 χ^2/NDF:476.9/6

Right Out: 33.149+/-0.379 χ^2/NDF: 772.6/18

Left In: 30.823+/-0.300 χ^2/NDF:221.2/4

Left: 31.548+/-0.201 χ^2/NDF: 708.7/11

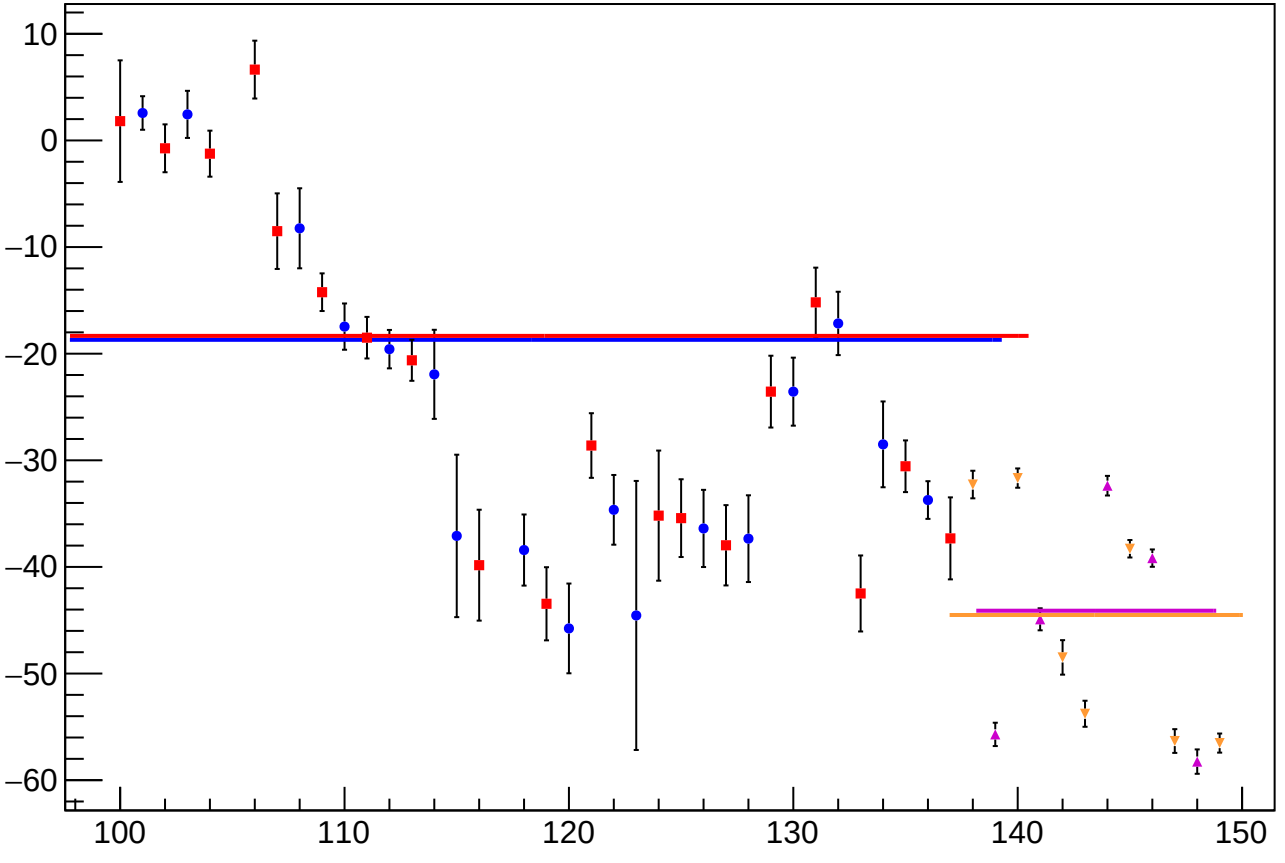
Right: 32.715+/-0.266 χ^2/NDF: 1227.8/35

In: 31.400+/-0.234 χ^2/NDF:683.1/21

Out: 32.485+/-0.221 χ^2/NDF:1254.1/25

All: 31.974+/-0.161 χ^2/NDF: 1948.7/47

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: -44.509+/-0.395 χ^2/NDF:703.9/6

Right Out: -18.330+/-0.643 χ^2/NDF: 474.0/18

Left In: -44.106+/-0.437 χ^2/NDF:464.9/4

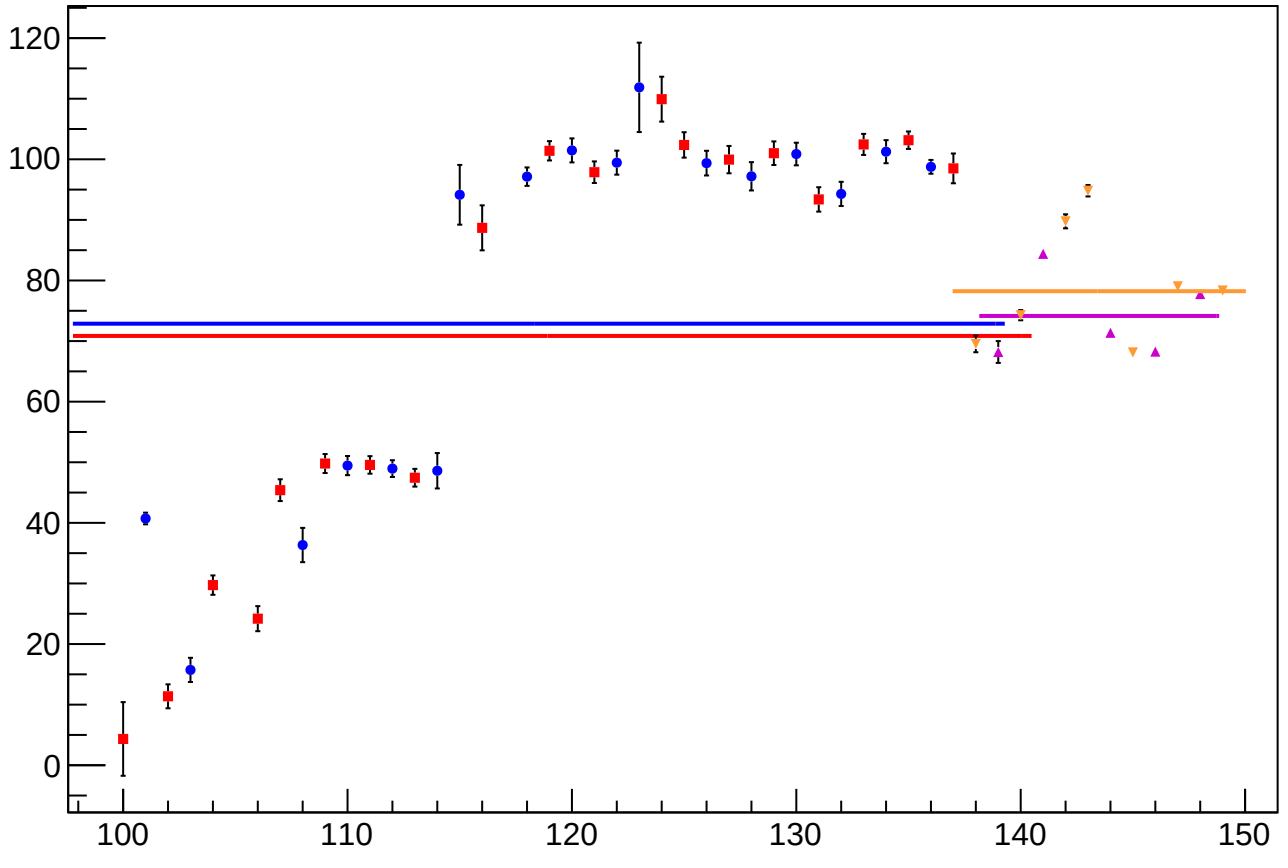
Left: -44.328+/-0.293 χ^2/NDF: 1169.2/11

Right: -18.508+/-0.463 χ^2/NDF: 993.2/35

In: -36.456+/-0.366 χ^2/NDF:1999.5/21

Out: -37.343+/-0.337 χ^2/NDF:2380.1/25

All: -36.936+/-0.248 χ^2/NDF: 4382.8/47



Right In: 72.870+/-0.427 χ^2/NDF: 4727.1/16

Left Out: 78.233+/-0.332 χ^2/NDF:656.4/6

Right Out: 70.851+/-0.433 χ^2/NDF: 5495.4/18

Left In: 74.148+/-0.371 χ^2/NDF:271.7/4

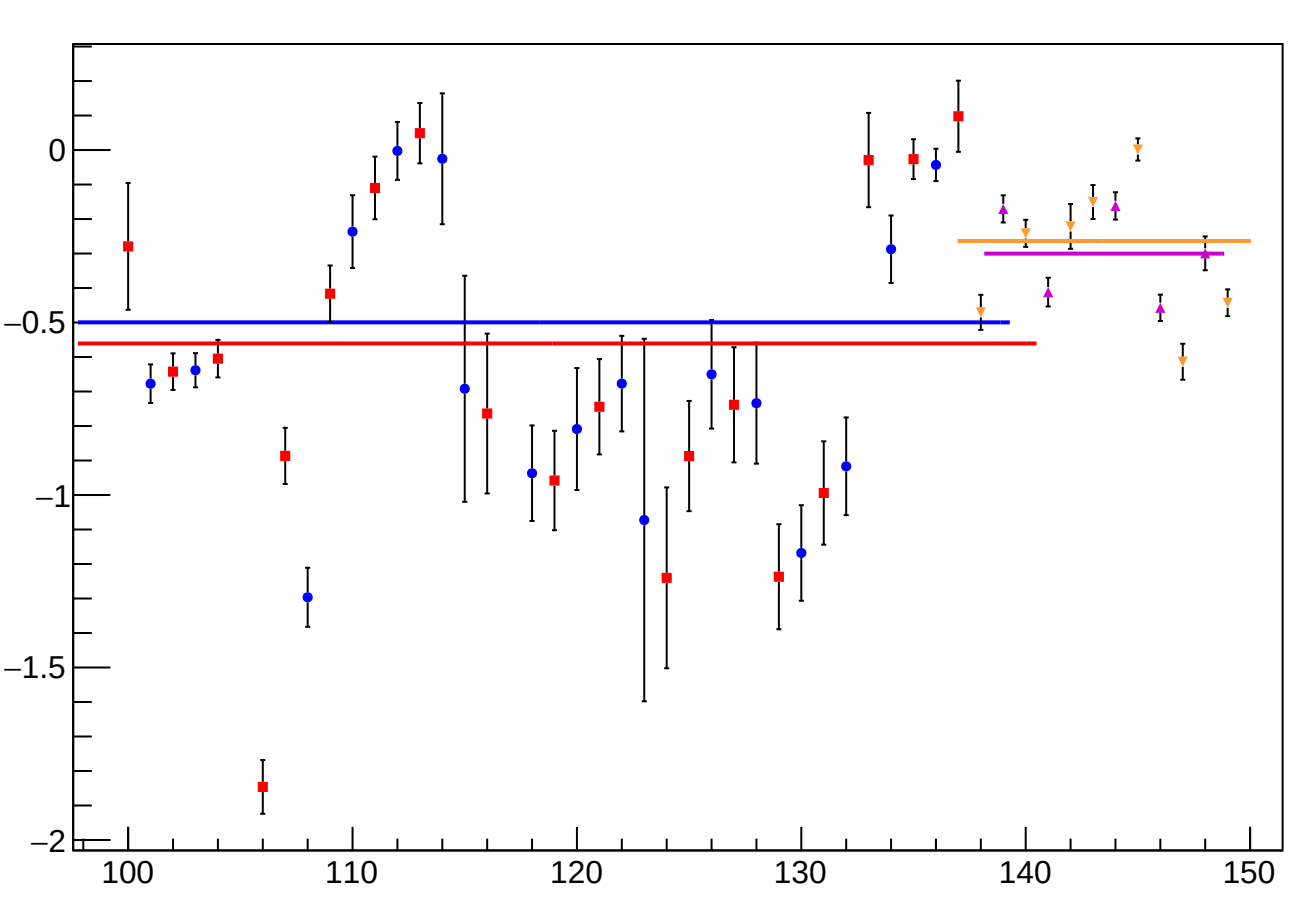
Left: 76.417+/-0.247 χ^2/NDF: 995.3/11

Right: 71.876+/-0.304 χ^2/NDF: 10233.6/35

In: 73.598+/-0.280 χ^2/NDF:5003.9/21

Out: 75.500+/-0.263 χ^2/NDF:6334.9/25

All: 74.606+/-0.192 χ^2/NDF: 11363.2/47



Right In: -0.500+/-0.022 χ^2/NDF: 302.6/16

Left Out: -0.264+/-0.016 χ^2/NDF:156.9/6

Right Out: -0.561+/-0.021 χ^2/NDF: 561.8/18

Left In: -0.300+/-0.018 χ^2/NDF:47.2/4

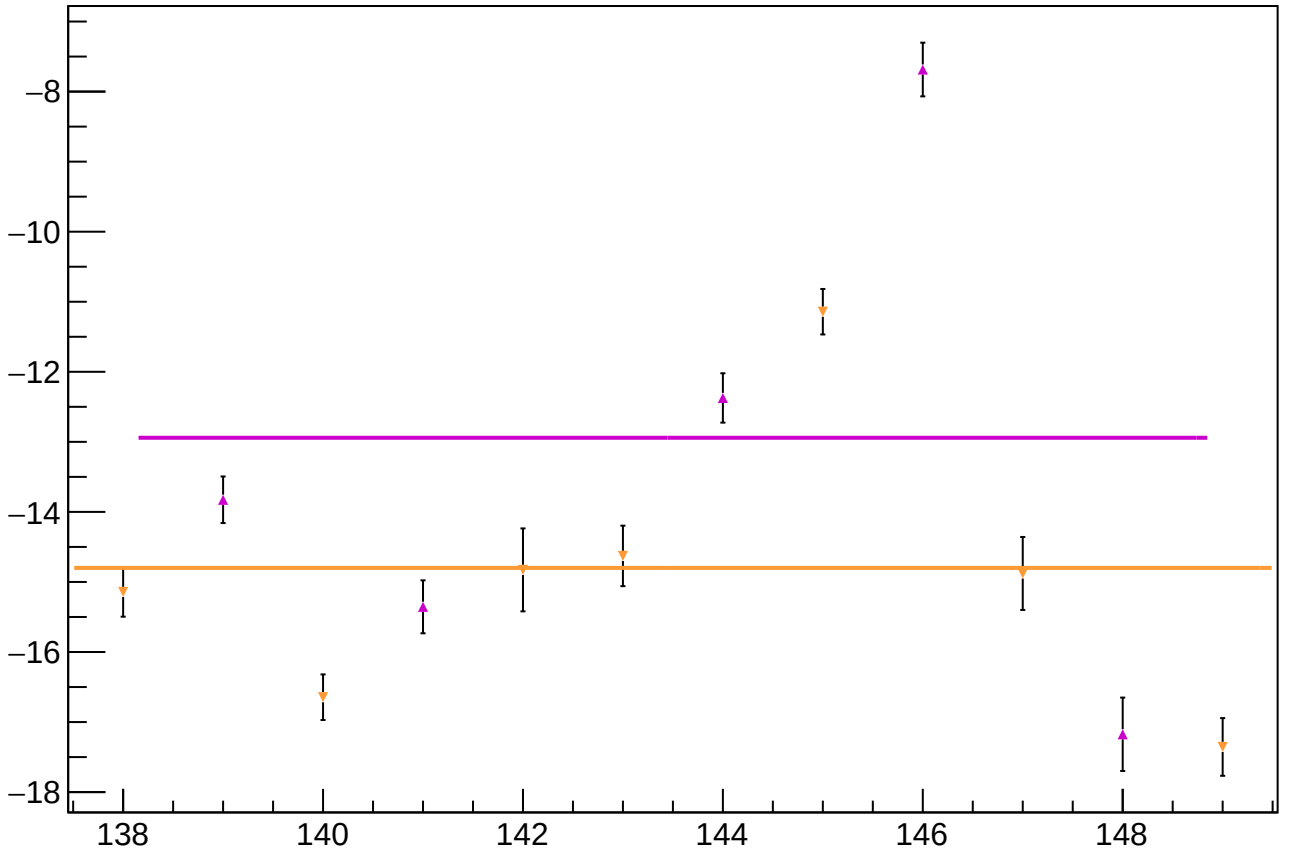
Left: -0.280+/-0.012 χ^2/NDF: 206.2/11

Right: -0.531+/-0.015 χ^2/NDF: 868.3/35

In: -0.381+/-0.014 χ^2/NDF:397.3/21

Out: -0.374+/-0.013 χ^2/NDF:839.6/25

All: -0.377+/-0.010 χ^2/NDF: 1237.1/47



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

Left Out: -14.799+/-0.150 χ^2/NDF:198.7/6

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

Left In: -12.942+/-0.170 χ^2/NDF:303.9/4

Left: -13.989+/-0.112 χ^2/NDF: 569.9/11

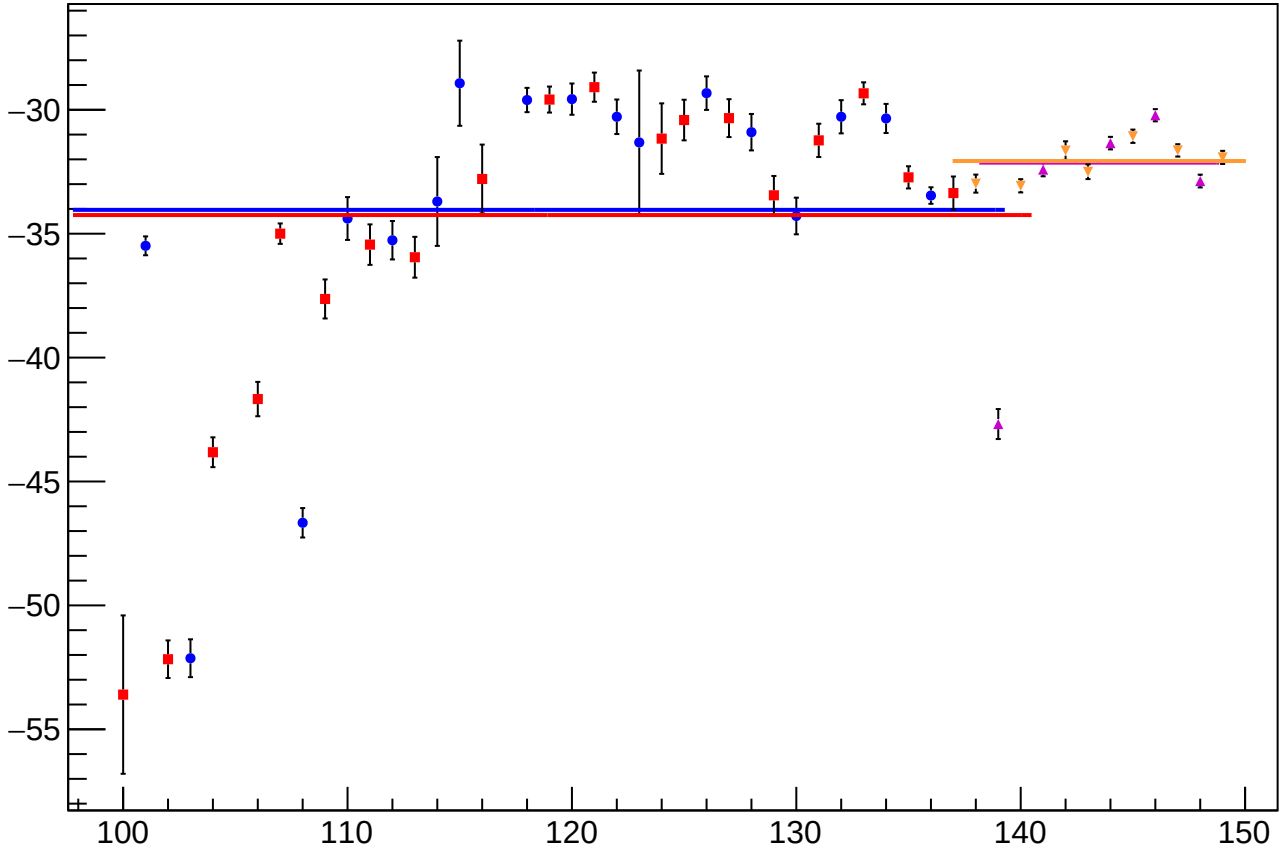
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.942+/-0.170 χ^2/NDF:303.9/4

Out: -14.799+/-0.150 χ^2/NDF:198.7/6

All: -13.989+/-0.112 χ^2/NDF: 569.9/11

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: -32.067+/-0.109 χ^2/NDF:40.7/6

Right Out: -34.248+/-0.151 χ^2/NDF: 1357.5/18

Left In: -32.133+/-0.126 χ^2/NDF:382.8/4

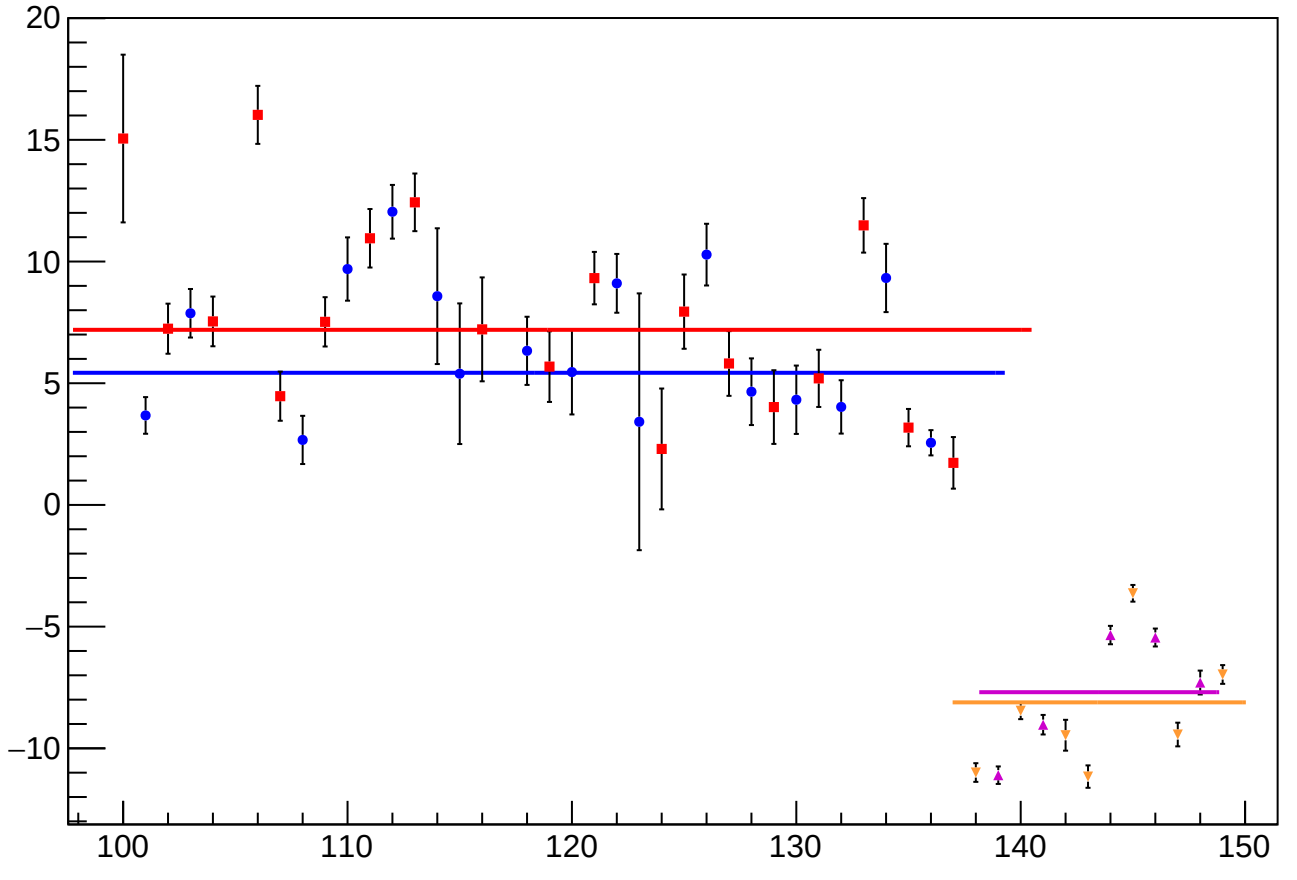
Left: -32.095+/-0.082 χ^2/NDF: 423.6/11

Right: -34.143+/-0.107 χ^2/NDF: 2701.4/35

In: -32.912+/-0.097 χ^2/NDF:1819.9/21

Out: -32.818+/-0.088 χ^2/NDF:1535.6/25

All: -32.861+/-0.065 χ^2/NDF: 3356.0/47



Right In: 5.429+/-0.270 χ^2/NDF: 132.6/16

Left Out: -8.112+/-0.155 χ^2/NDF:292.8/6

Right Out: 7.195+/-0.274 χ^2/NDF: 183.1/18

Left In: -7.694+/-0.175 χ^2/NDF:177.6/4

Left: -7.929+/-0.116 χ^2/NDF: 473.6/11

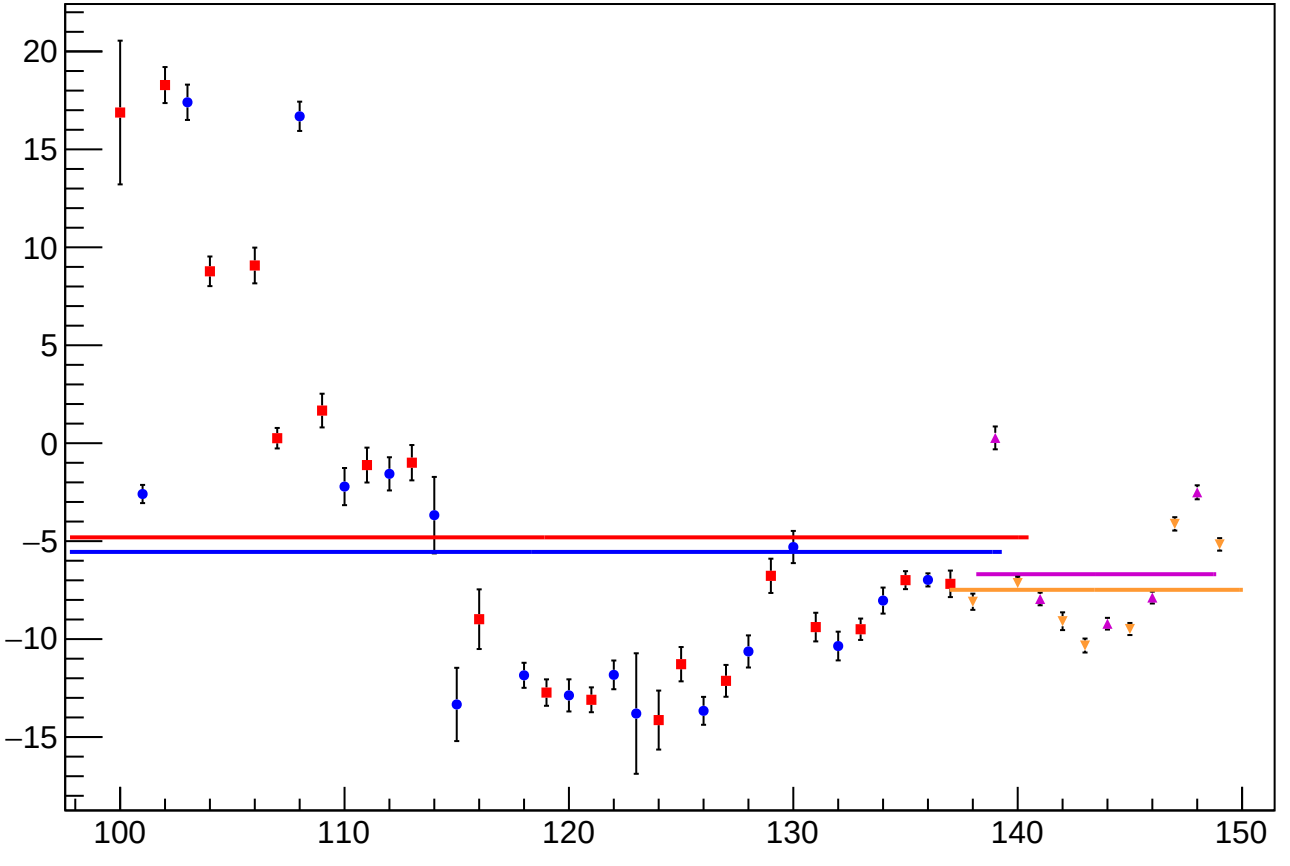
Right: 6.298+/-0.192 χ^2/NDF: 336.8/35

In: -3.795+/-0.147 χ^2/NDF:1972.1/21

Out: -4.414+/-0.135 χ^2/NDF:2841.4/25

All: -4.132+/-0.099 χ^2/NDF: 4823.2/47

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: -7.485+/-0.132 χ^2/NDF:270.9/6

Right Out: -4.806+/-0.173 χ^2/NDF: 2048.2/18

Left In: -6.688+/-0.154 χ^2/NDF:380.5/4

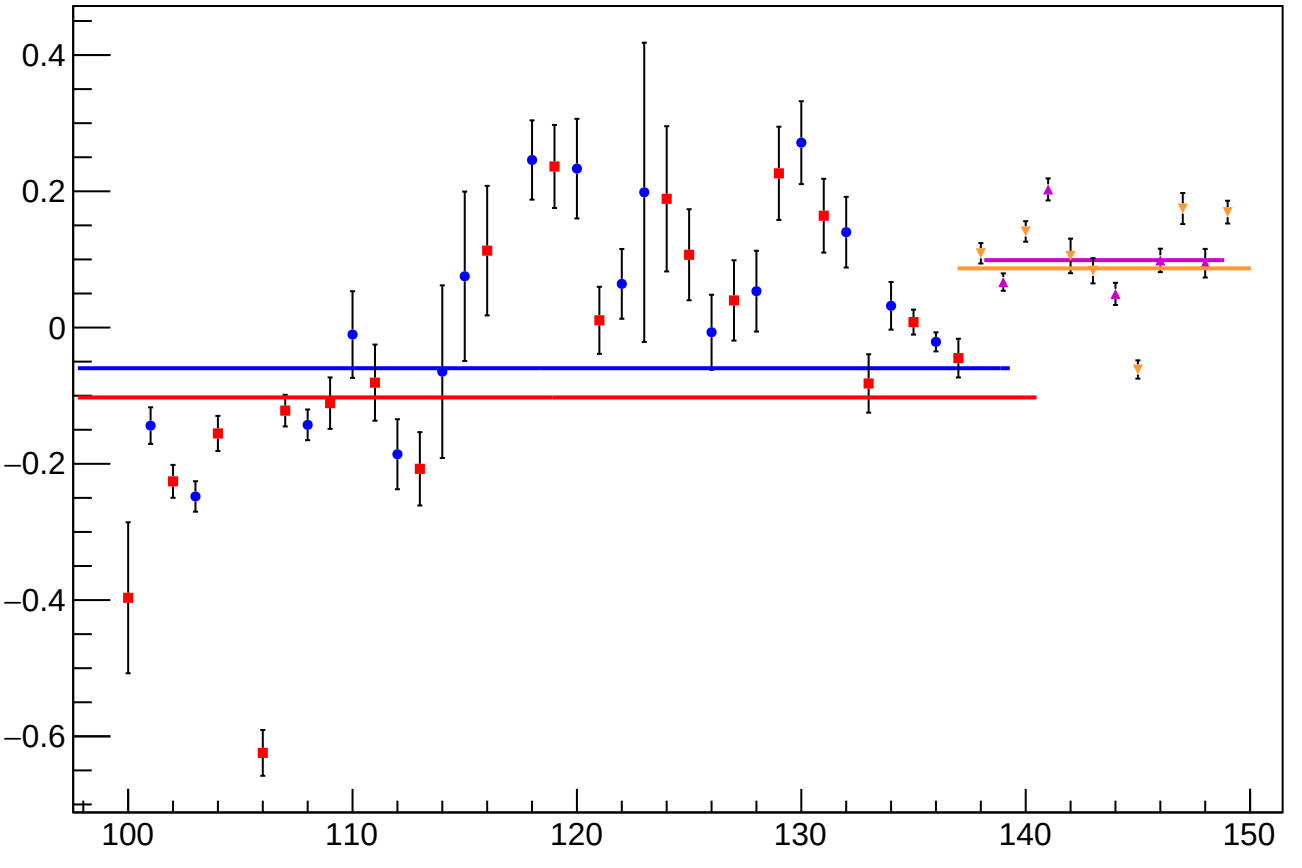
Left: -7.146+/-0.100 χ^2/NDF: 666.8/11

Right: -5.183+/-0.121 χ^2/NDF: 4184.2/35

In: -6.175+/-0.114 χ^2/NDF:2531.7/21

Out: -6.493+/-0.105 χ^2/NDF:2470.6/25

All: -6.347+/-0.077 χ^2/NDF: 5006.4/47



Right In: -0.060+/-0.008 χ^2/NDF: 216.6/16

Left Out: 0.087+/-0.006 χ^2/NDF:176.9/6

Right Out: -0.103+/-0.008 χ^2/NDF: 435.4/18

Left In: 0.099+/-0.007 χ^2/NDF:56.8/4

Left: 0.092+/-0.005 χ^2/NDF: 235.2/11

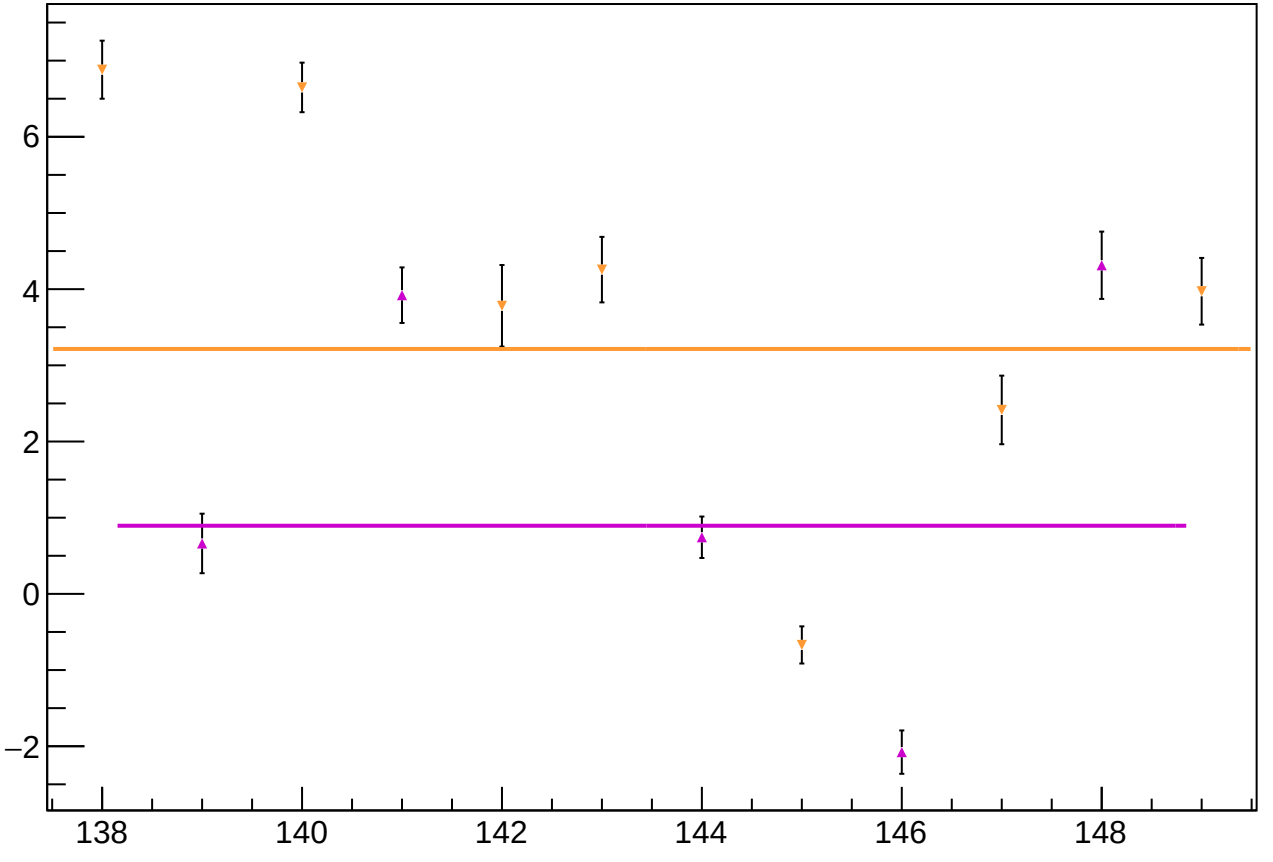
Right: -0.081+/-0.006 χ^2/NDF: 665.0/35

In: 0.032+/-0.005 χ^2/NDF:479.5/21

Out: 0.017+/-0.005 χ^2/NDF:933.1/25

All: 0.024+/-0.004 χ^2/NDF: 1416.4/47

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.215+/-0.138 χ^2/NDF:470.9/6

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

Left In: 0.895+/-0.149 χ^2/NDF:238.6/4

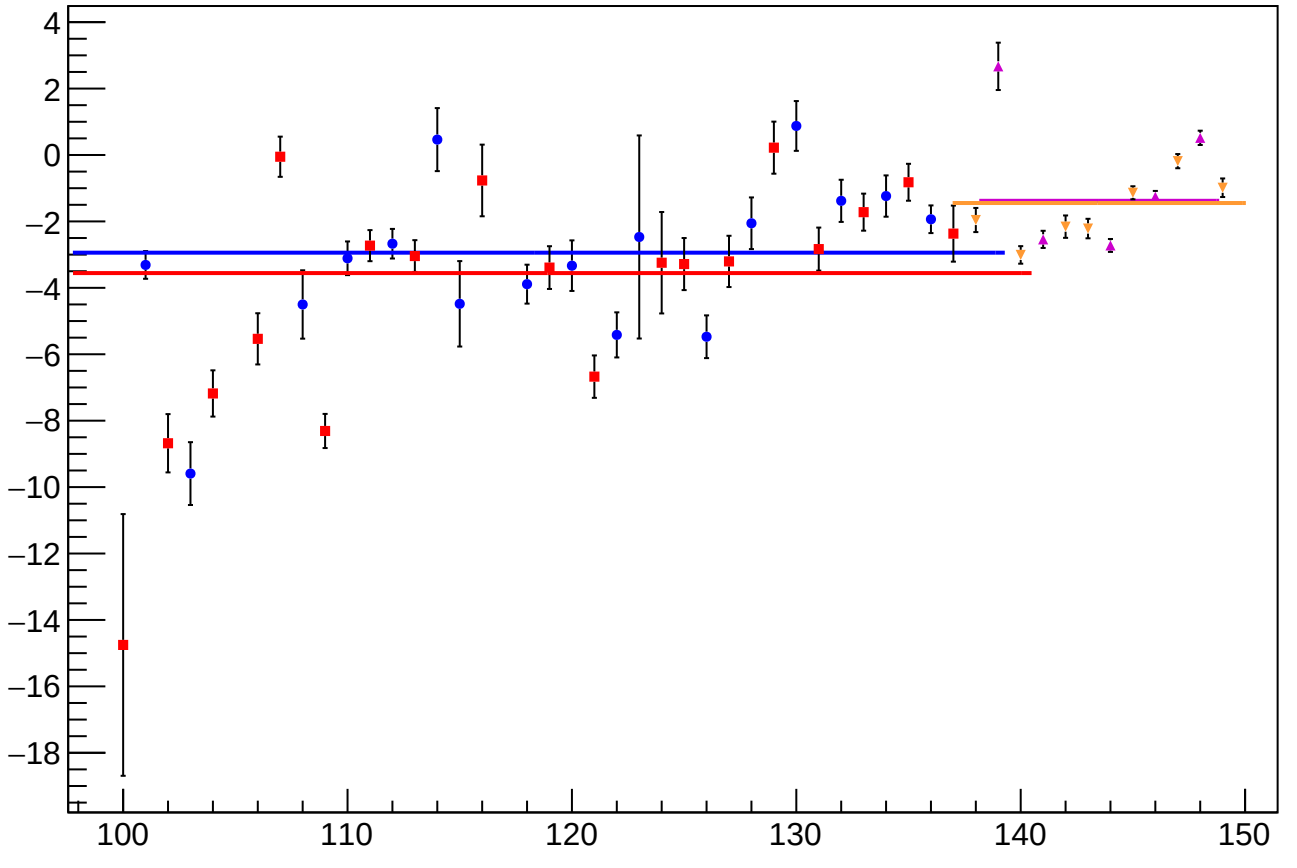
Left: 2.140+/-0.101 χ^2/NDF: 839.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.895+/-0.149 χ^2/NDF:238.6/4

Out: 3.215+/-0.138 χ^2/NDF:470.9/6

All: 2.140+/-0.101 χ^2/NDF: 839.7/11



Right In: -2.941+/-0.154 χ^2/NDF: 145.6/16

Left Out: -1.446+/-0.099 χ^2/NDF:88.3/6

Right Out: -3.556+/-0.155 χ^2/NDF: 291.6/18

Left In: -1.379+/-0.101 χ^2/NDF:178.2/4

Left: -1.414+/-0.071 χ^2/NDF: 266.8/11

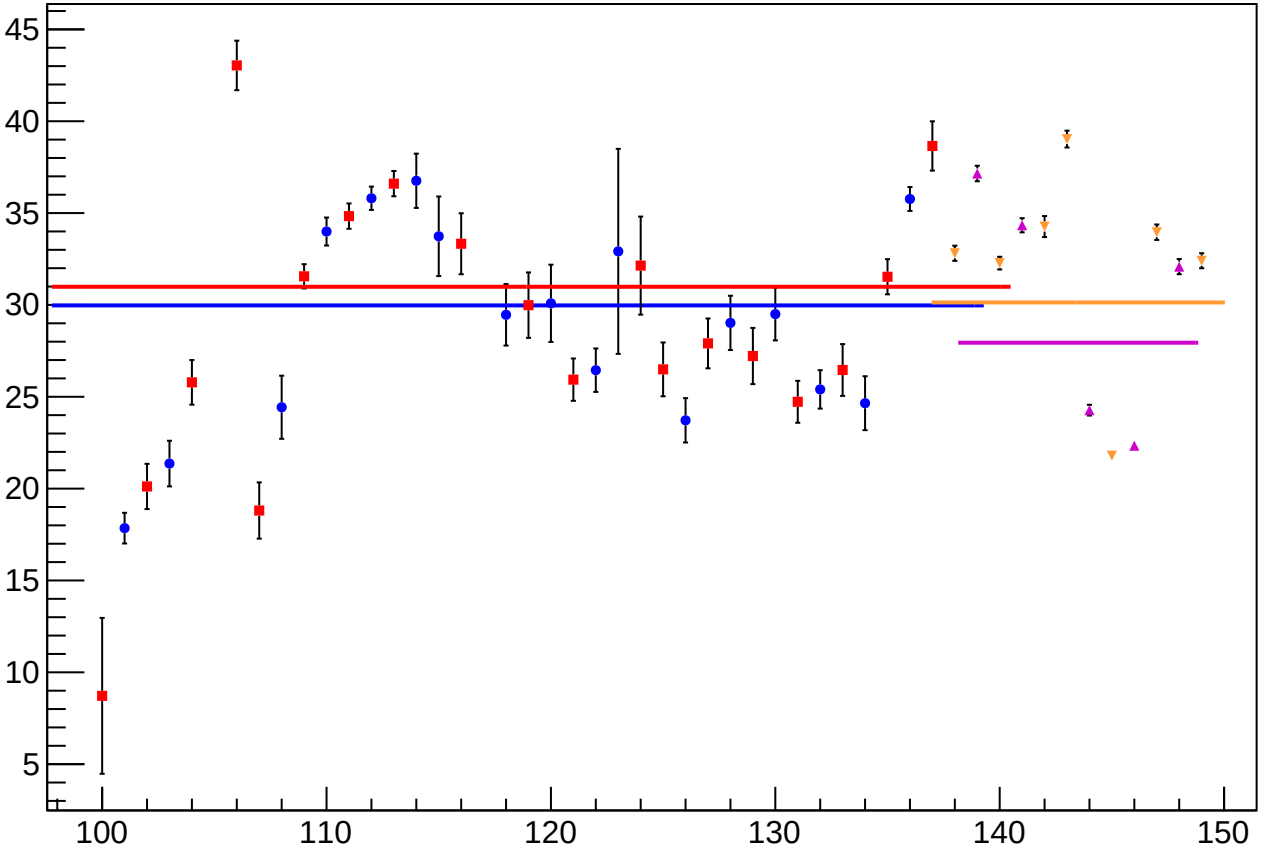
Right: -3.248+/-0.109 χ^2/NDF: 445.2/35

In: -1.849+/-0.085 χ^2/NDF:395.5/21

Out: -2.056+/-0.083 χ^2/NDF:512.4/25

All: -1.955+/-0.059 χ^2/NDF: 911.0/47

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974+/-0.267 χ^2/NDF: 553.9/16

Left Out: 30.135+/-0.144 χ^2/NDF:1653.9/6

Right Out: 30.989+/-0.260 χ^2/NDF: 481.0/18

Left In: 27.944+/-0.152 χ^2/NDF:1428.3/4

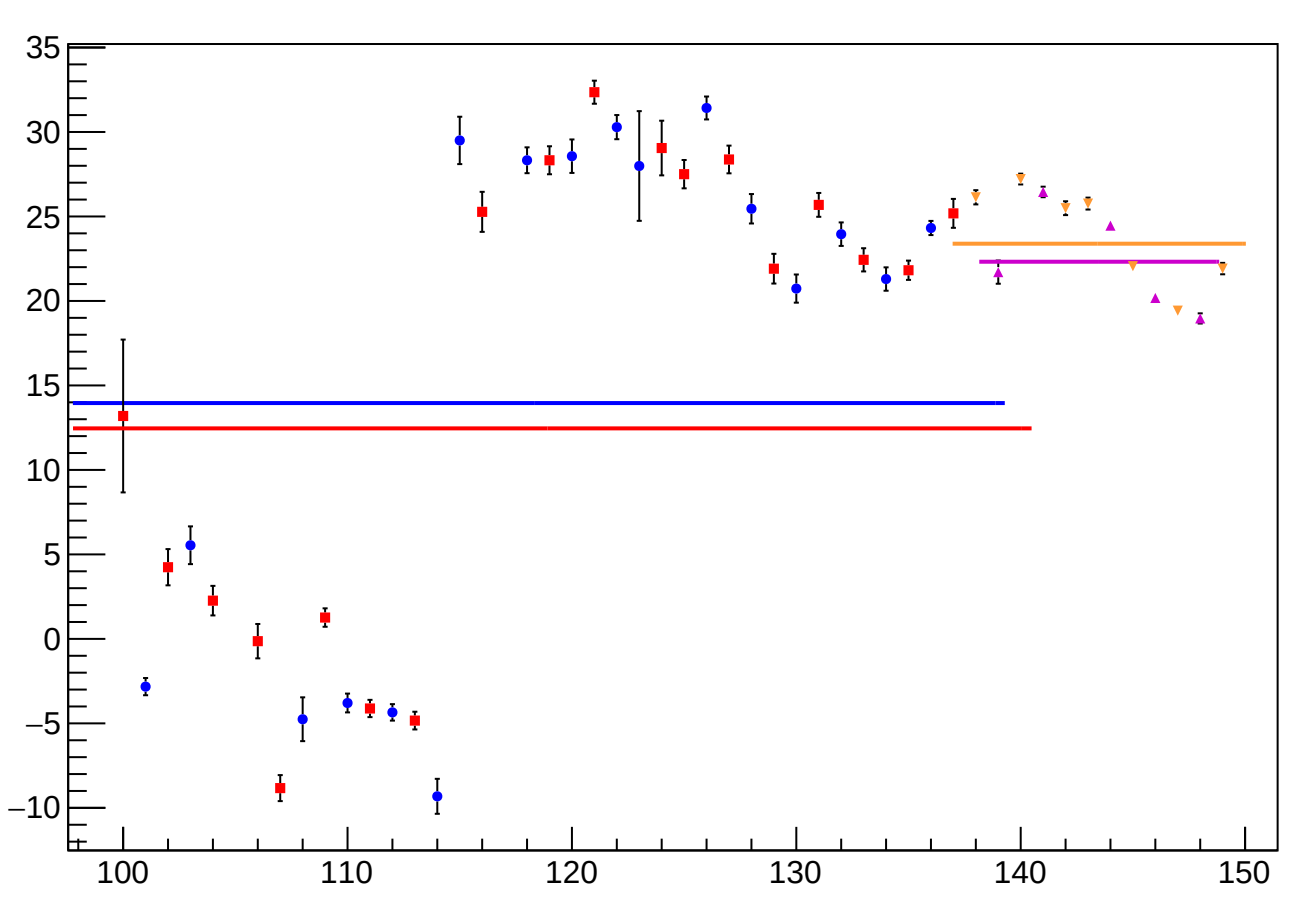
Left: 29.102+/-0.104 χ^2/NDF: 3192.0/11

Right: 30.495+/-0.186 χ^2/NDF: 1042.4/35

In: 28.440+/-0.132 χ^2/NDF:2025.9/21

Out: 30.335+/-0.126 χ^2/NDF:2143.2/25

All: 29.435+/-0.091 χ^2/NDF: 4276.9/47



Right In: 13.957+/-0.172 χ^2/NDF: 7348.7/16

Left Out: 23.389+/-0.120 χ^2/NDF:491.7/6

Right Out: 12.458+/-0.174 χ^2/NDF: 6979.9/18

Left In: 22.321+/-0.126 χ^2/NDF:481.4/4

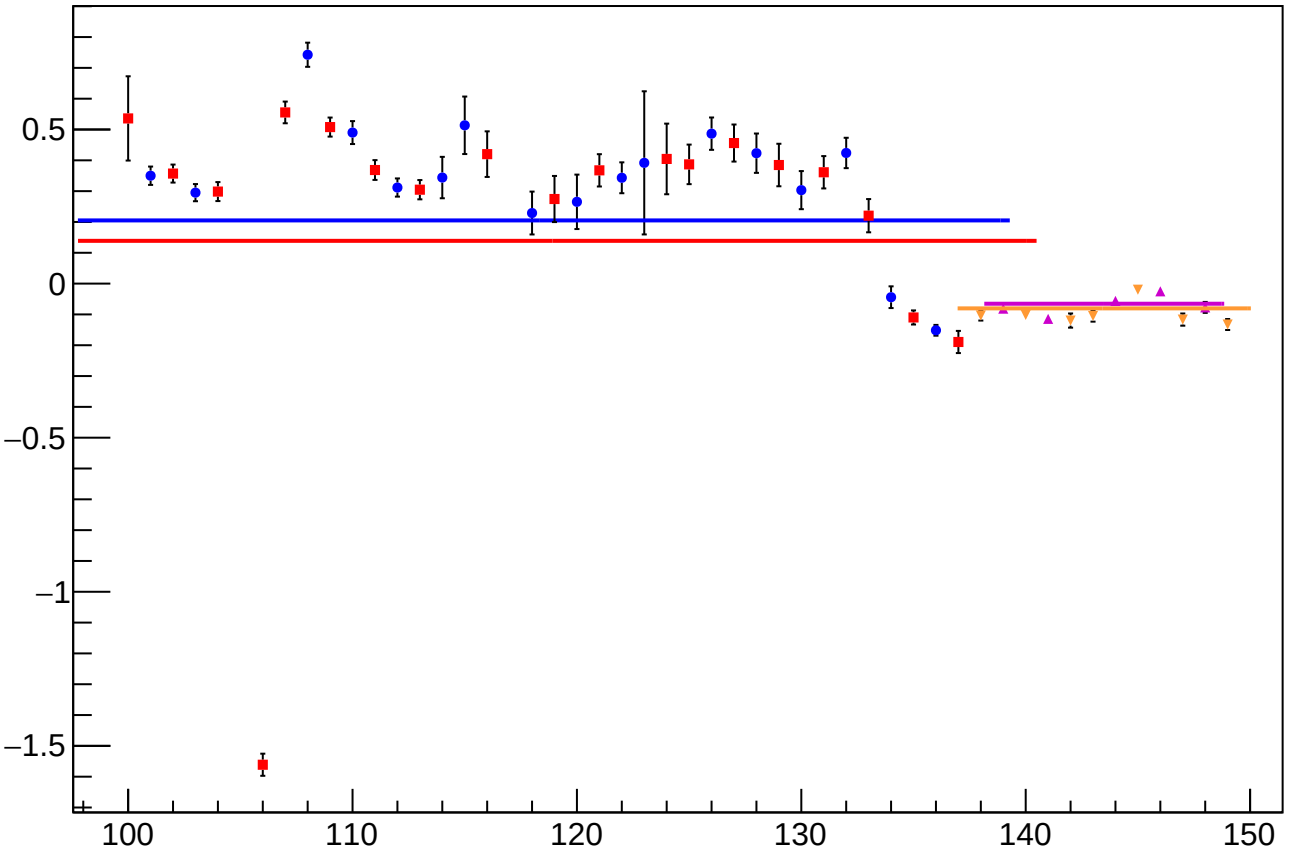
Left: 22.880+/-0.087 χ^2/NDF: 1010.6/11

Right: 13.213+/-0.122 χ^2/NDF: 14366.2/35

In: 19.406+/-0.102 χ^2/NDF:9365.2/21

Out: 19.844+/-0.099 χ^2/NDF:10150.1/25

All: 19.631+/-0.071 χ^2/NDF: 19524.8/47



Right In: 0.205+/-0.009 χ^2/NDF: 846.7/16

Left Out: -0.080+/-0.006 χ^2/NDF:56.2/6

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.4/18

Left In: -0.065+/-0.006 χ^2/NDF:22.0/4

Left: -0.073+/-0.004 χ^2/NDF: 81.2/11

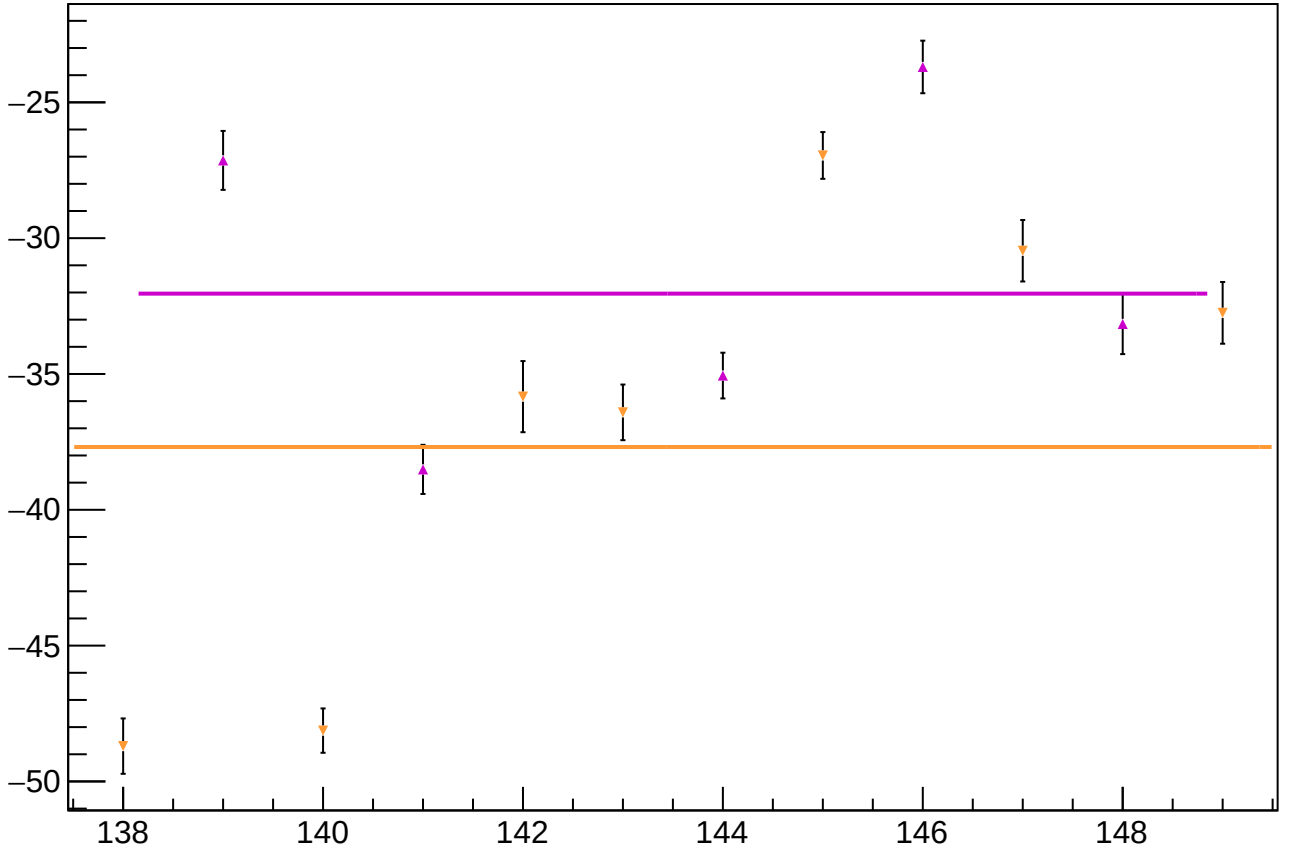
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: 0.021+/-0.005 χ^2/NDF:1435.0/21

Out: -0.016+/-0.005 χ^2/NDF:3473.2/25

All: 0.002+/-0.004 χ^2/NDF: 4933.8/47

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: -37.689+/-0.381 χ^2/NDF:498.9/6

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

Left In: -32.042+/-0.432 χ^2/NDF:159.9/4

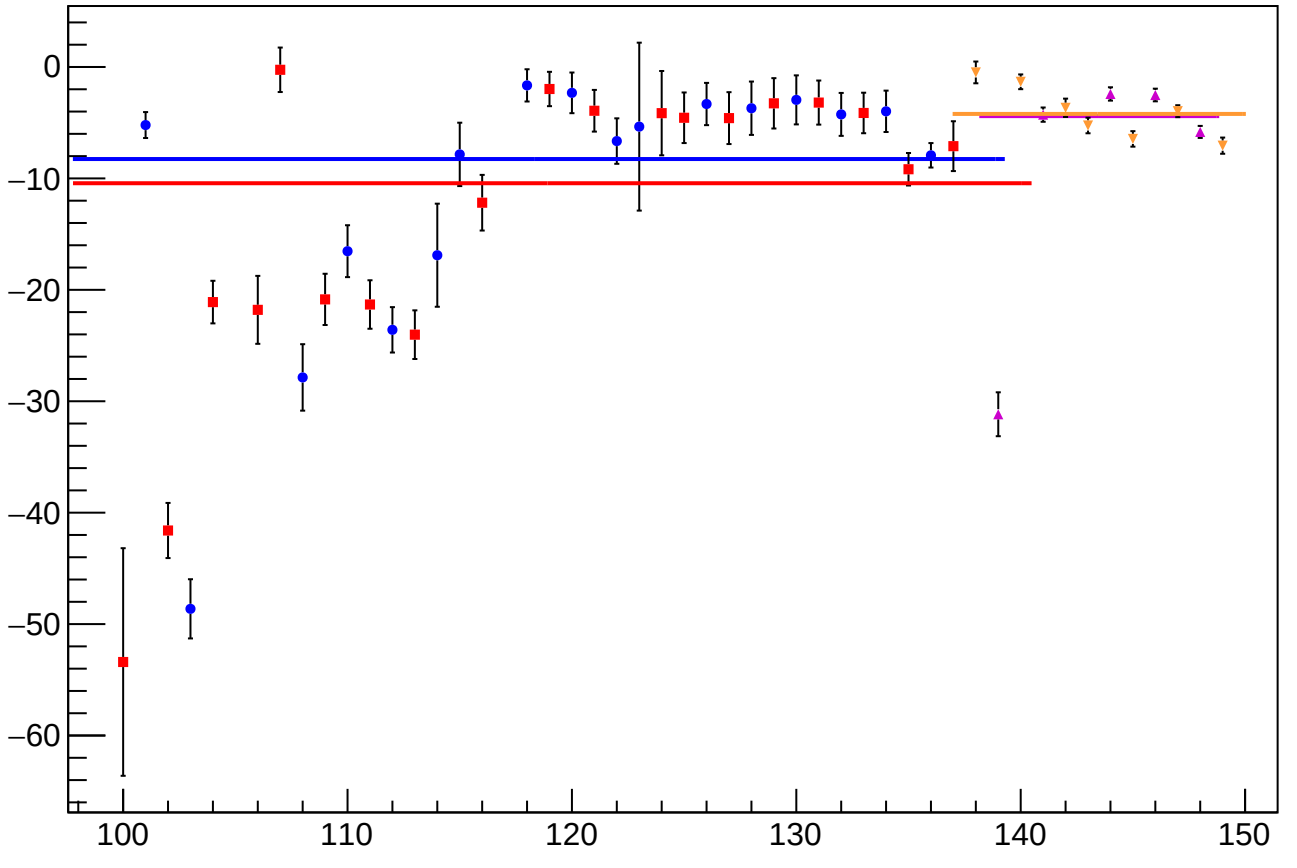
Left: -35.220+/-0.285 χ^2/NDF: 755.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.042+/-0.432 χ^2/NDF:159.9/4

Out: -37.689+/-0.381 χ^2/NDF:498.9/6

All: -35.220+/-0.285 χ^2/NDF: 755.1/11



Right In: -8.261+/-0.463 χ^2/NDF: 411.9/16

Left Out: -4.212+/-0.265 χ^2/NDF:62.1/6

Right Out: -10.433+/-0.491 χ^2/NDF: 428.7/18

Left In: -4.409+/-0.288 χ^2/NDF:213.5/4

Left: -4.302+/-0.195 χ^2/NDF: 275.9/11

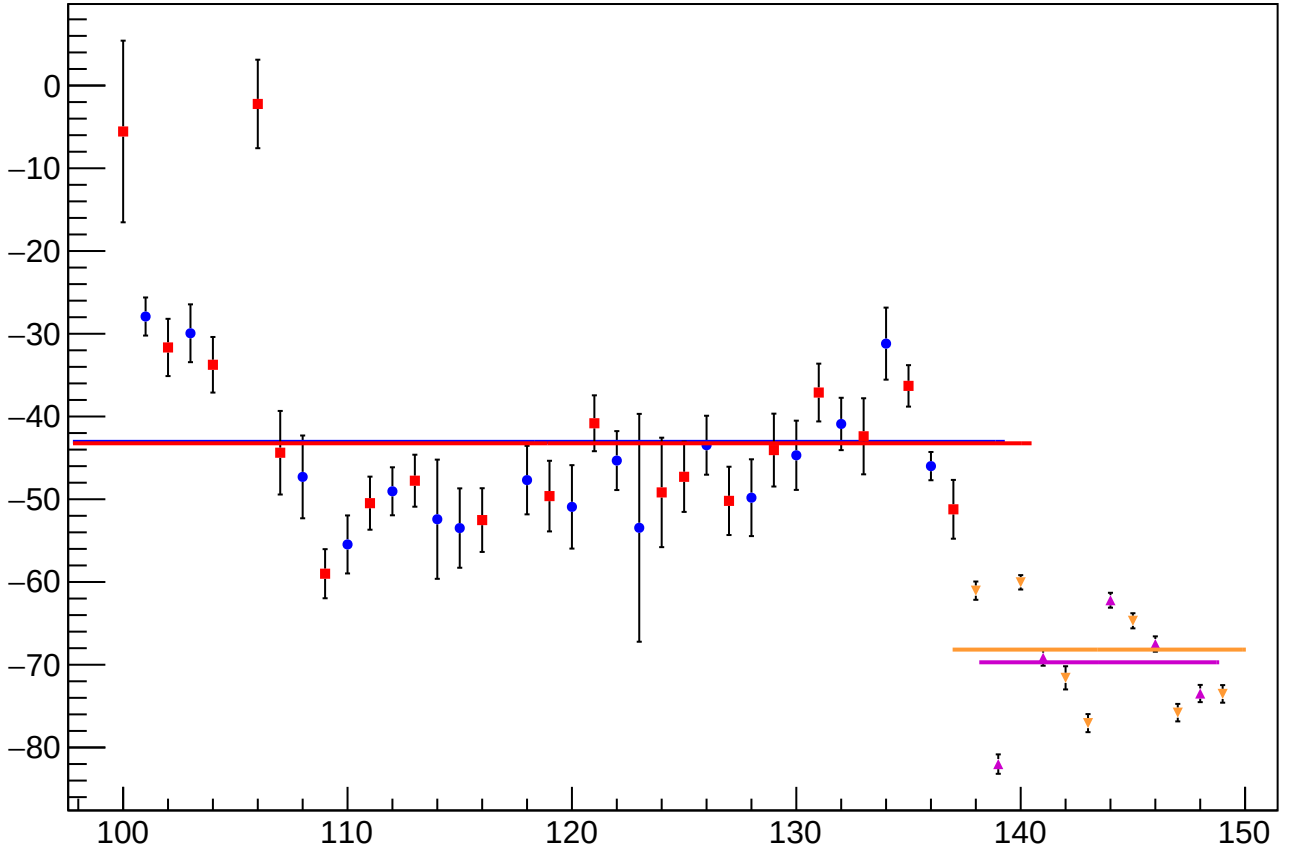
Right: -9.283+/-0.337 χ^2/NDF: 850.9/35

In: -5.488+/-0.245 χ^2/NDF:675.4/21

Out: -5.614+/-0.233 χ^2/NDF:615.4/25

All: -5.554+/-0.169 χ^2/NDF: 1290.9/47

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: -68.170+/-0.393 χ^2/NDF:293.2/6

Right Out: -43.237+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.705+/-0.442 χ^2/NDF:198.4/4

Left: -68.849+/-0.294 χ^2/NDF: 498.3/11

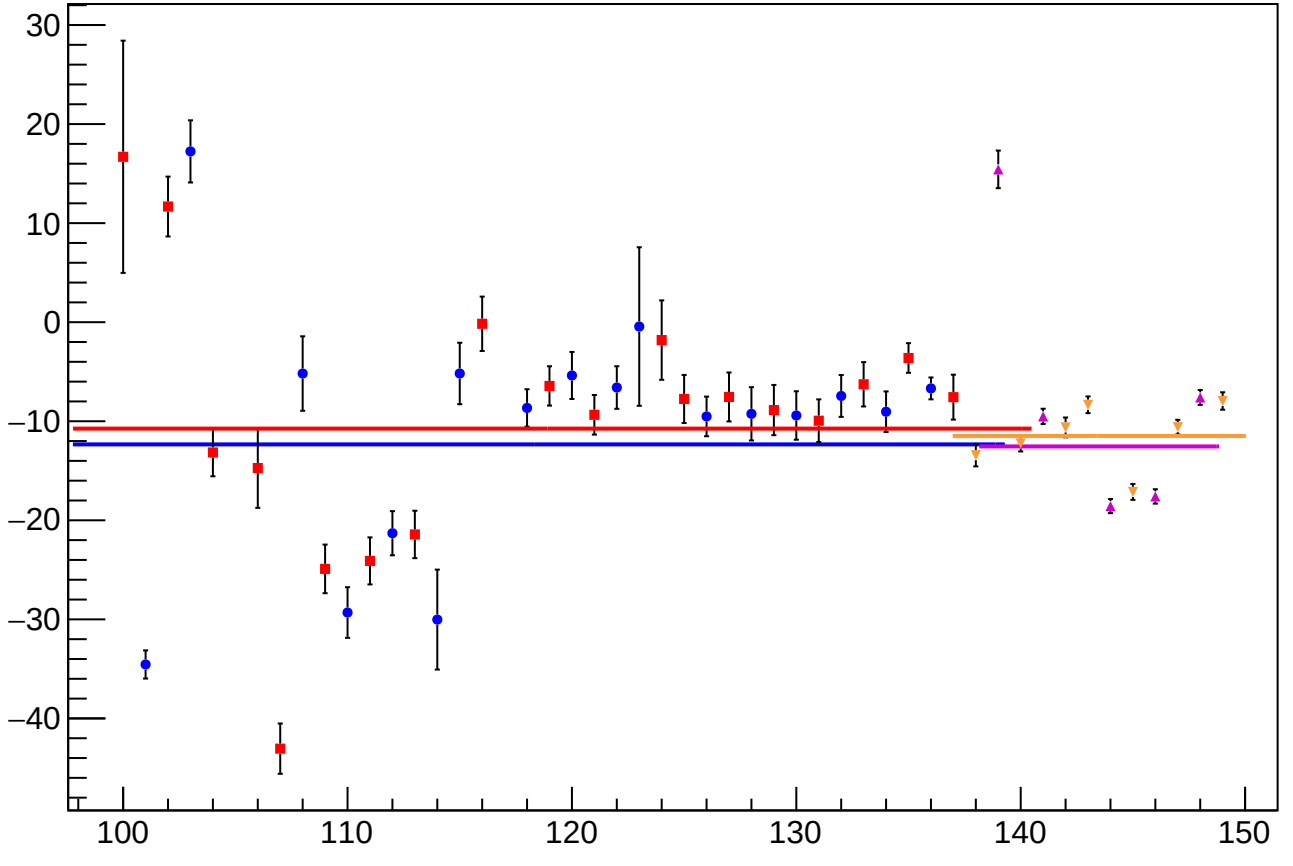
Right: -43.147+/-0.601 χ^2/NDF: 253.3/35

In: -63.888+/-0.390 χ^2/NDF:1092.5/21

Out: -63.909+/-0.358 χ^2/NDF:1134.5/25

All: -63.899+/-0.264 χ^2/NDF: 2227.1/47

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336+/-0.520 χ^2/NDF: 475.2/16

Left Out: -11.482+/-0.326 χ^2/NDF:85.6/6

Right Out: -10.743+/-0.553 χ^2/NDF: 366.9/18

Left In: -12.541+/-0.363 χ^2/NDF:395.3/4

Left: -11.954+/-0.243 χ^2/NDF: 485.7/11

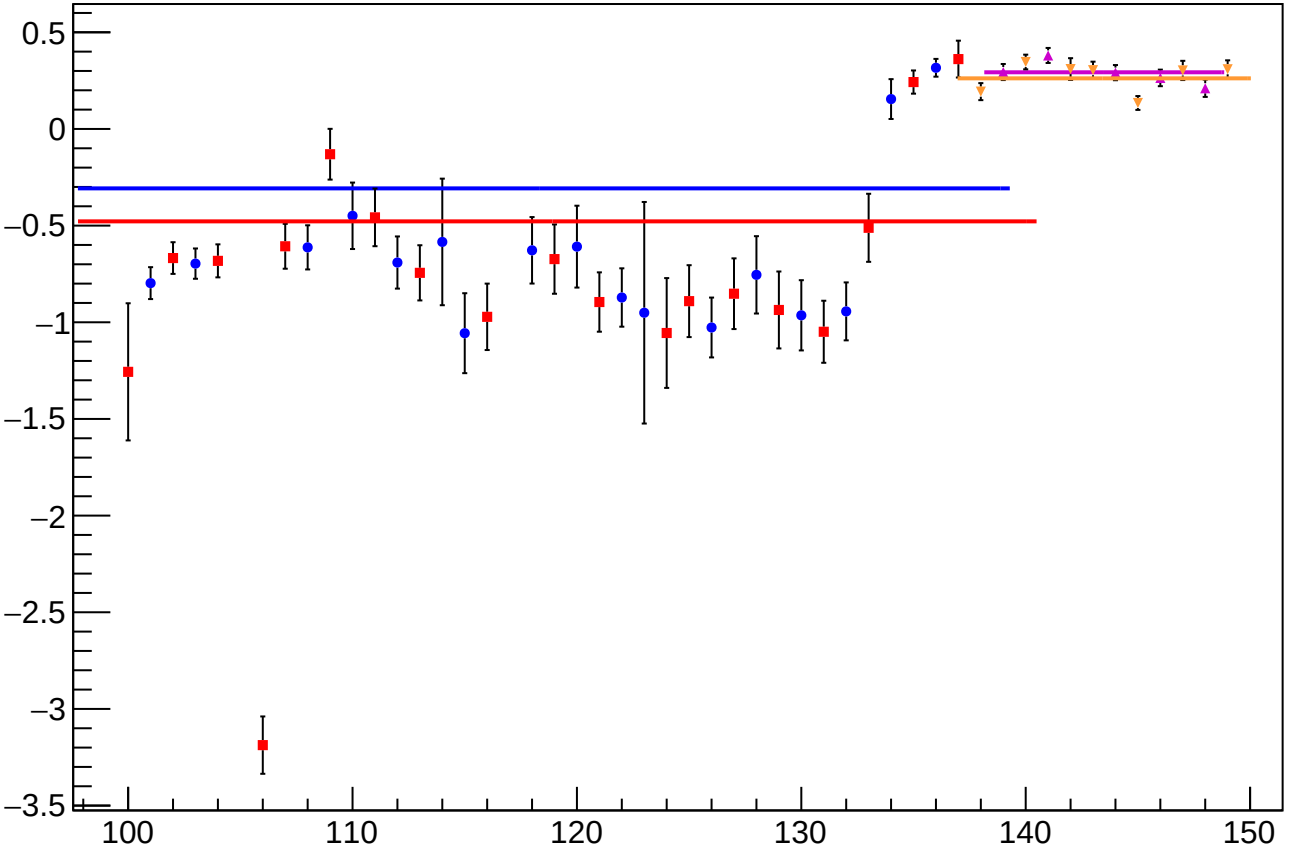
Right: -11.588+/-0.379 χ^2/NDF: 846.4/35

In: -12.473+/-0.298 χ^2/NDF:870.6/21

Out: -11.292+/-0.281 χ^2/NDF:453.8/25

All: -11.848+/-0.204 χ^2/NDF: 1332.8/47

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: 0.262+/-0.016 χ^2/NDF:23.4/6

Right Out: -0.478+/-0.029 χ^2/NDF: 631.3/18

Left In: 0.293+/-0.018 χ^2/NDF:8.9/4

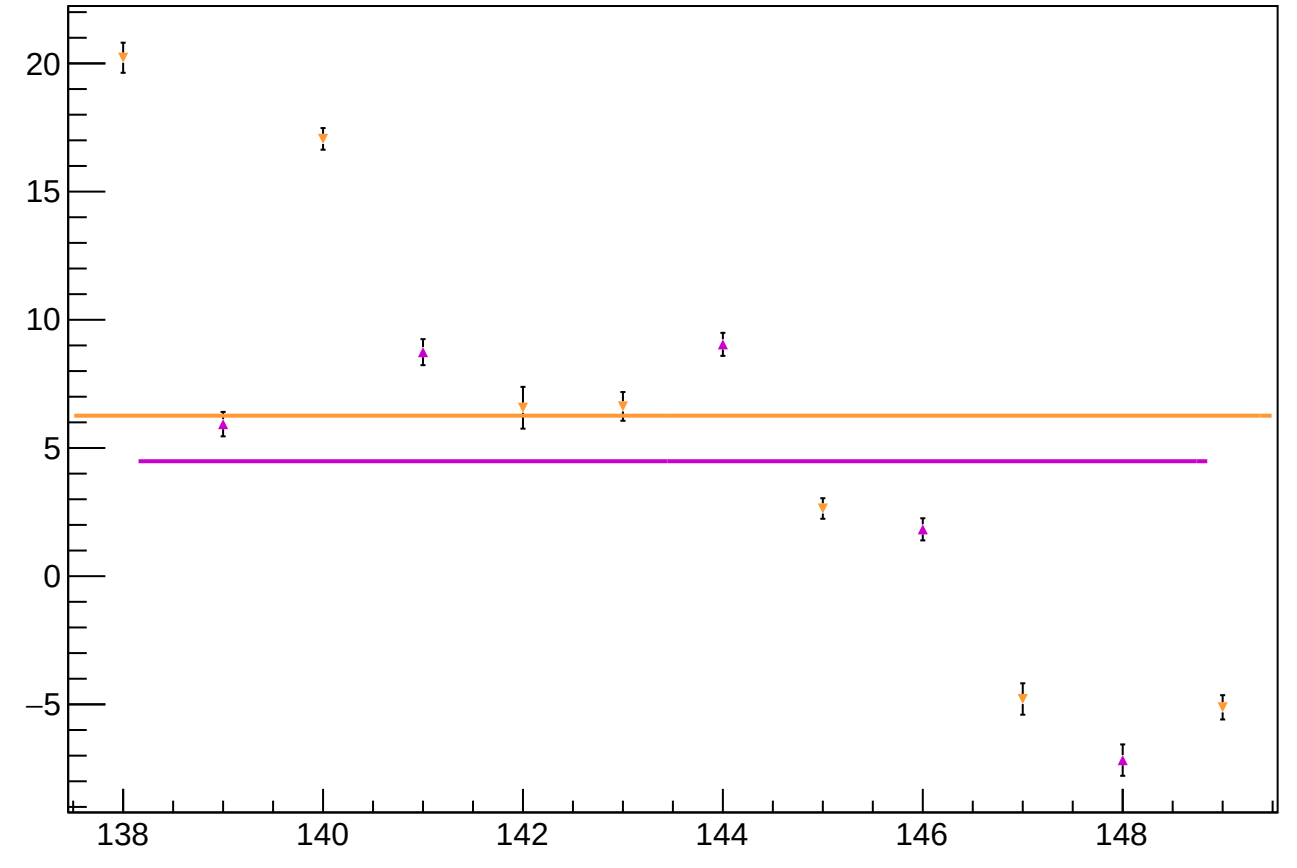
Left: 0.276+/-0.012 χ^2/NDF: 33.9/11

Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.107+/-0.015 χ^2/NDF:709.3/21

Out: 0.077+/-0.014 χ^2/NDF:1159.4/25

All: 0.091+/-0.010 χ^2/NDF: 1870.7/47



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

Left Out: 6.260+/-0.194 χ^2/NDF:2202.6/6

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

Left In: 4.484+/-0.217 χ^2/NDF:583.1/4

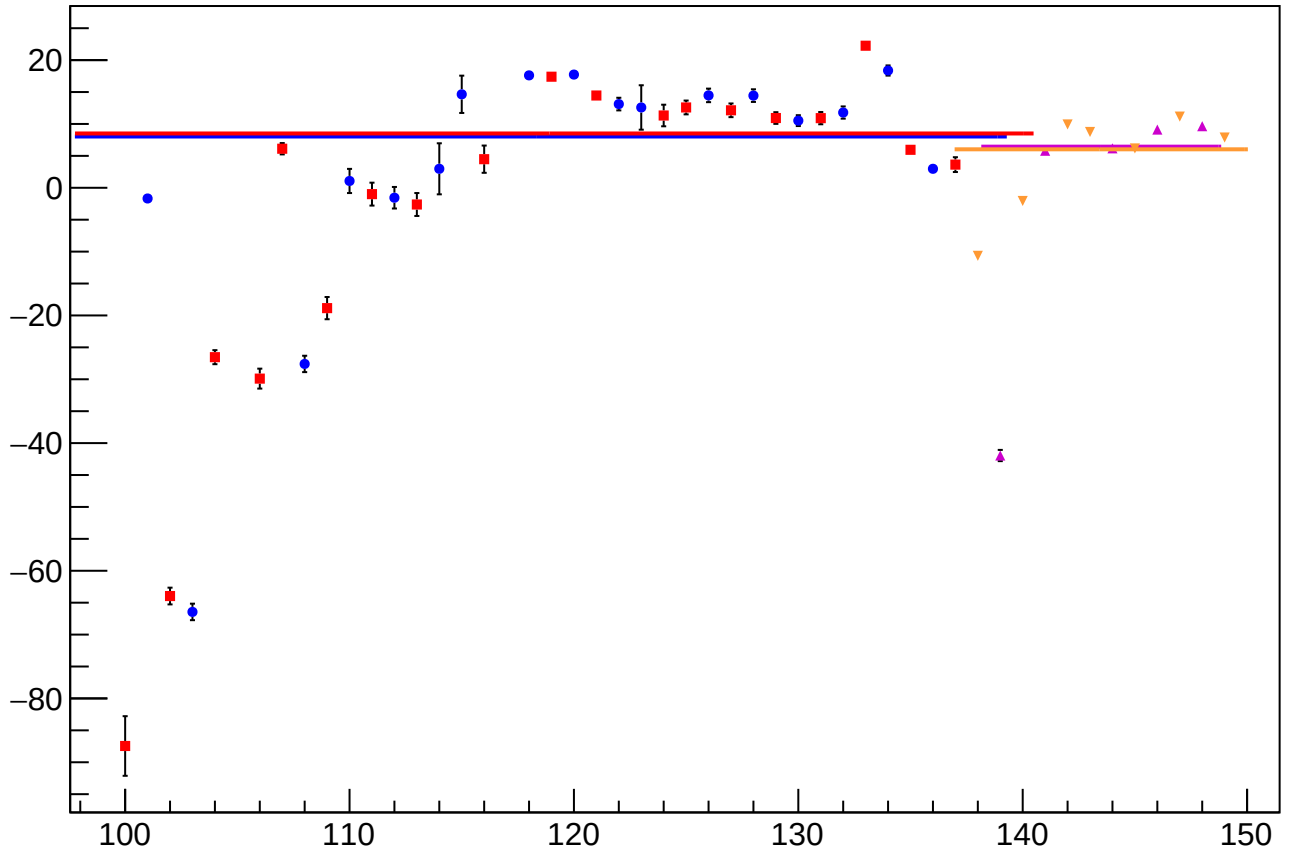
Left: 5.470+/-0.145 χ^2/NDF: 2823.0/11

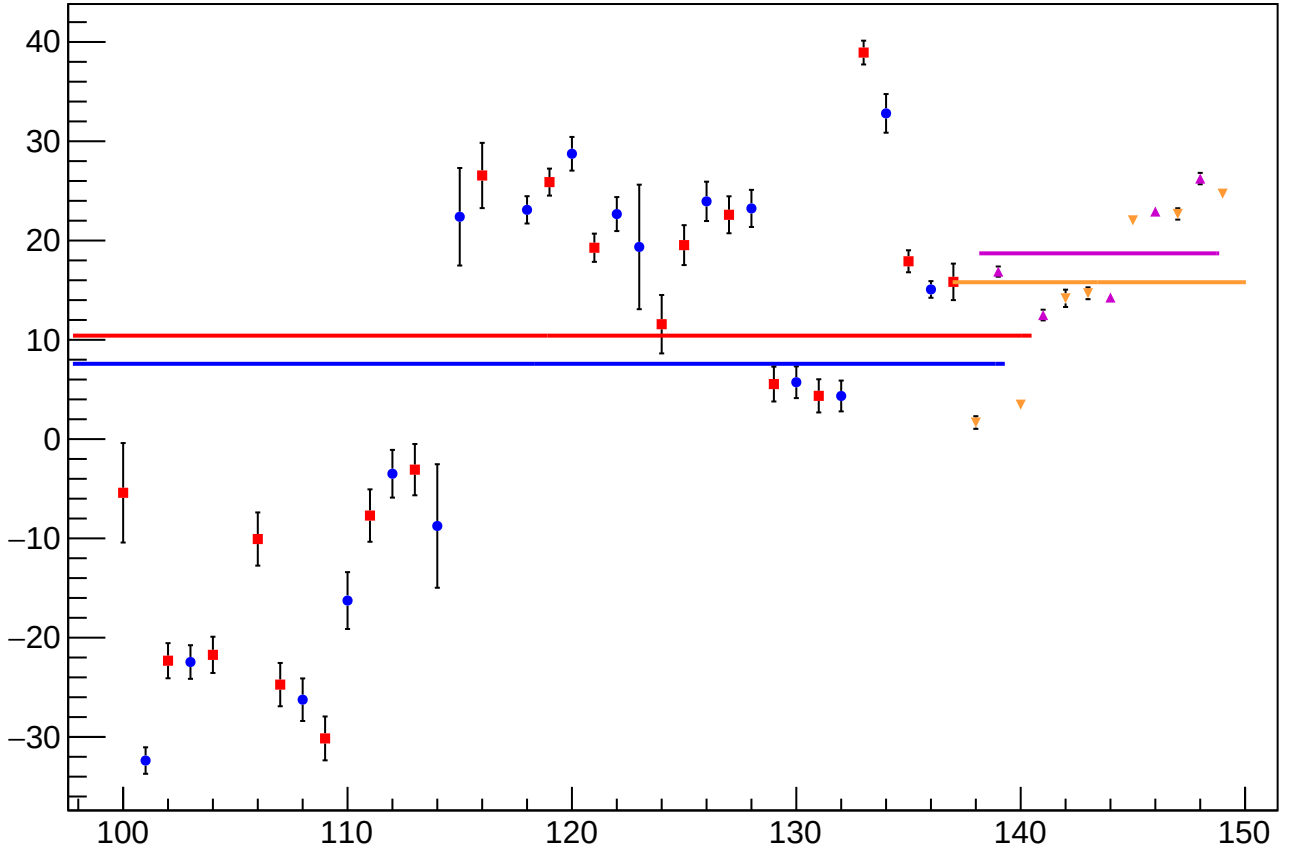
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.484+/-0.217 χ^2/NDF:583.1/4

Out: 6.260+/-0.194 χ^2/NDF:2202.6/6

All: 5.470+/-0.145 χ^2/NDF: 2823.0/11


reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
20
0
−20
−40
−60
−80
100
110
120
130
140
150
Right In: 8.035+/-0.215 χ²/NDF: 5370.3/16
Left Out: 6.027+/-0.137 χ²/NDF:1764.6/6
Right Out: 8.508+/-0.213 χ²/NDF: 6713.4/18
Left In: 6.443+/-0.153 χ²/NDF:3235.8/4
Left: 6.212+/-0.102 χ²/NDF: 5004.4/11
Right: 8.274+/-0.151 χ²/NDF: 12086.1/35
In: 6.979+/-0.125 χ²/NDF:8642.3/21
Out: 6.757+/-0.115 χ²/NDF:8573.8/25
All: 6.859+/-0.085 χ²/NDF: 17217.8/47



Right In: 7.585+/-0.416 χ^2/NDF: 2322.7/16

Left Out: 15.802+/-0.199 χ^2/NDF:2016.0/6

Right Out: 10.422+/-0.416 χ^2/NDF: 2289.5/18

Left In: 18.711+/-0.222 χ^2/NDF:506.2/4

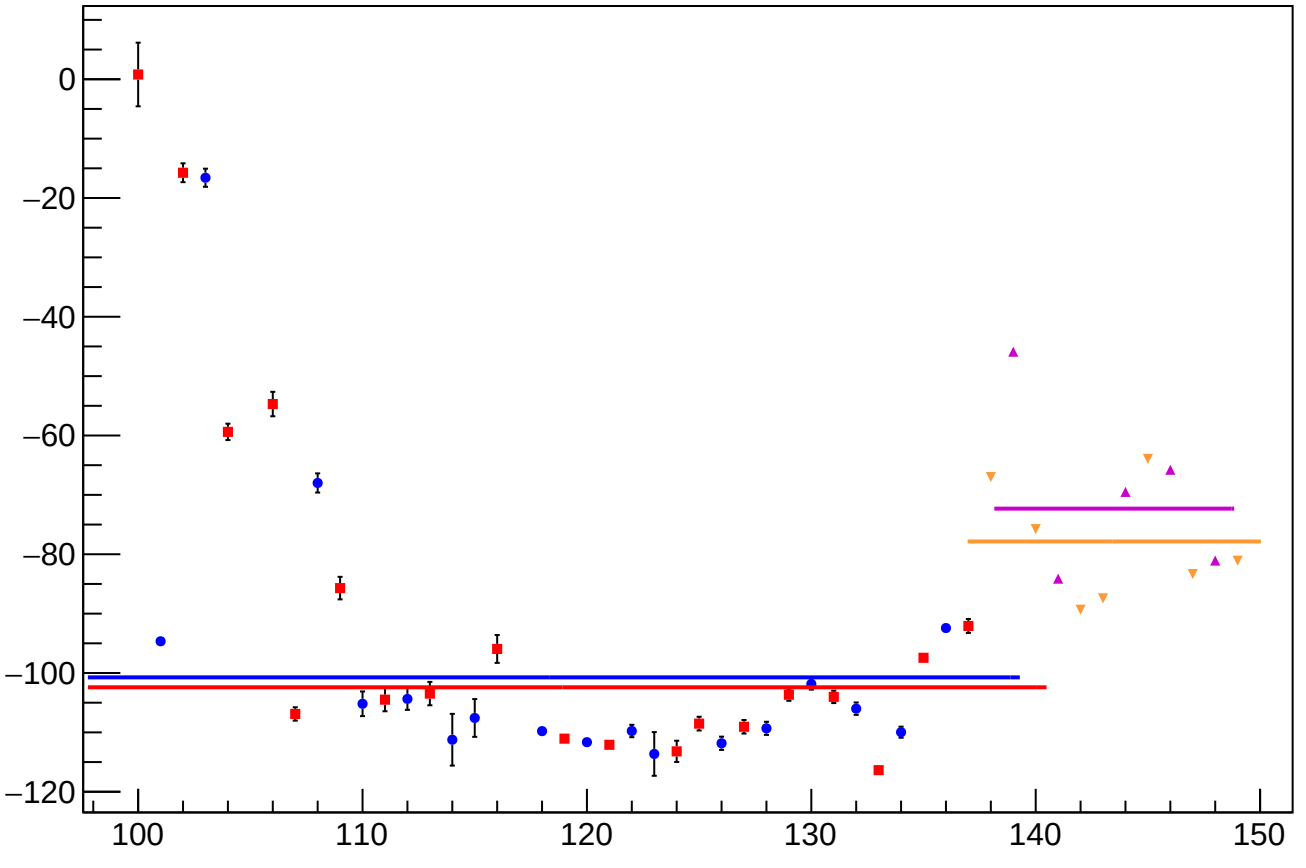
Left: 17.102+/-0.148 χ^2/NDF: 2617.6/11

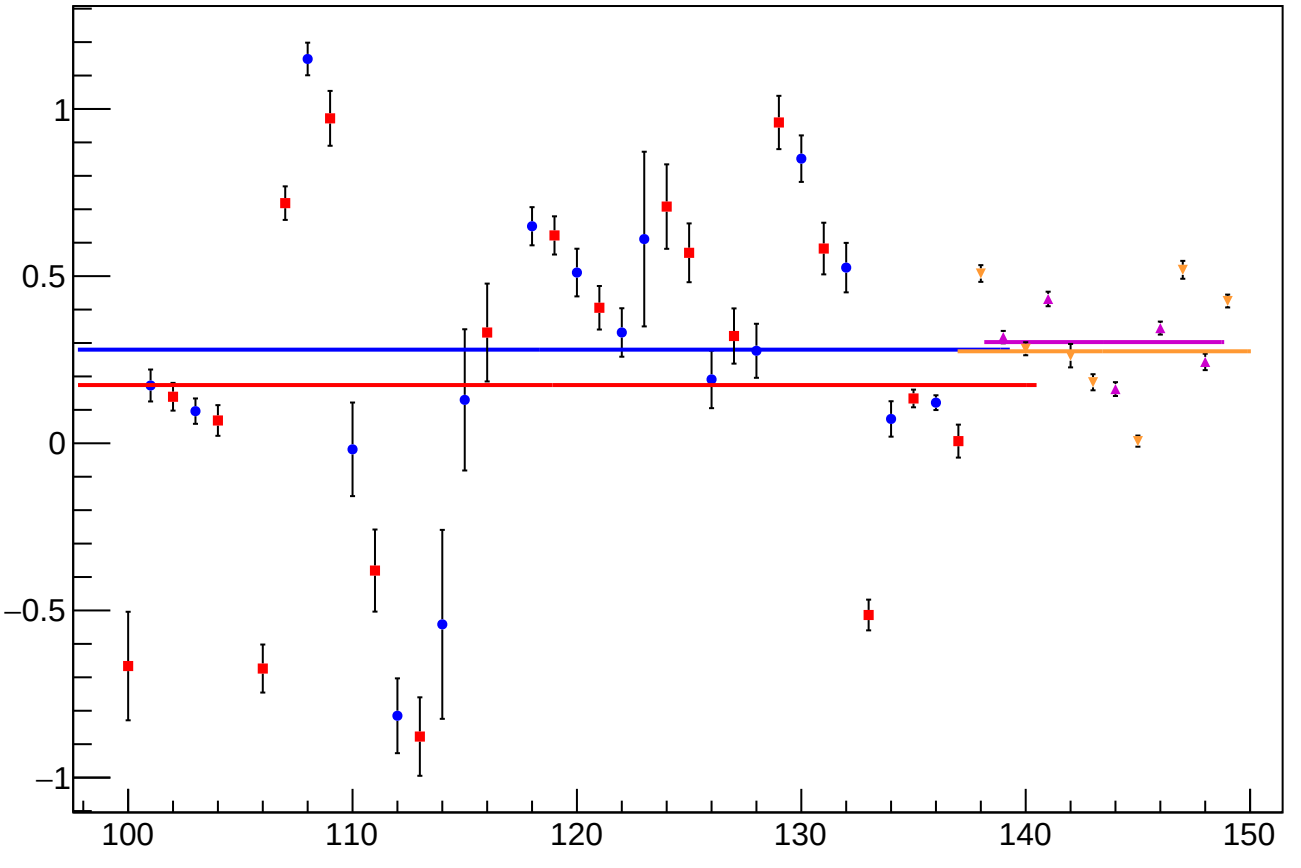
Right: 9.004+/-0.294 χ^2/NDF: 4635.5/35

In: 16.255+/-0.196 χ^2/NDF:3385.6/21

Out: 14.799+/-0.180 χ^2/NDF:4441.5/25

All: 15.465+/-0.132 χ^2/NDF: 7857.2/47


reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
0
−20
−40
−60
−80
−100
−120
100
110
120
130
140
150
Right In: -100.736+/-0.248 χ²/NDF: 4520.6/16
Left Out: -77.849+/-0.168 χ²/NDF:2653.7/6
Right Out: -102.408+/-0.246 χ²/NDF: 6088.0/18
Left In: -72.317+/-0.190 χ²/NDF:2556.9/4
Left: -75.424+/-0.126 χ²/NDF: 5687.0/11
Right: -101.580+/-0.175 χ²/NDF: 10631.4/35
In: -82.807+/-0.151 χ²/NDF:15341.3/21
Out: -85.654+/-0.139 χ²/NDF:15548.9/25
All: -84.351+/-0.102 χ²/NDF: 31083.3/47



Right In: 0.280+/-0.013 χ^2/NDF: 656.4/16

Left Out: 0.275+/-0.008 χ^2/NDF:505.8/6

Right Out: 0.174+/-0.013 χ^2/NDF: 964.1/18

Left In: 0.303+/-0.009 χ^2/NDF:92.4/4

Left: 0.287+/-0.006 χ^2/NDF: 603.0/11

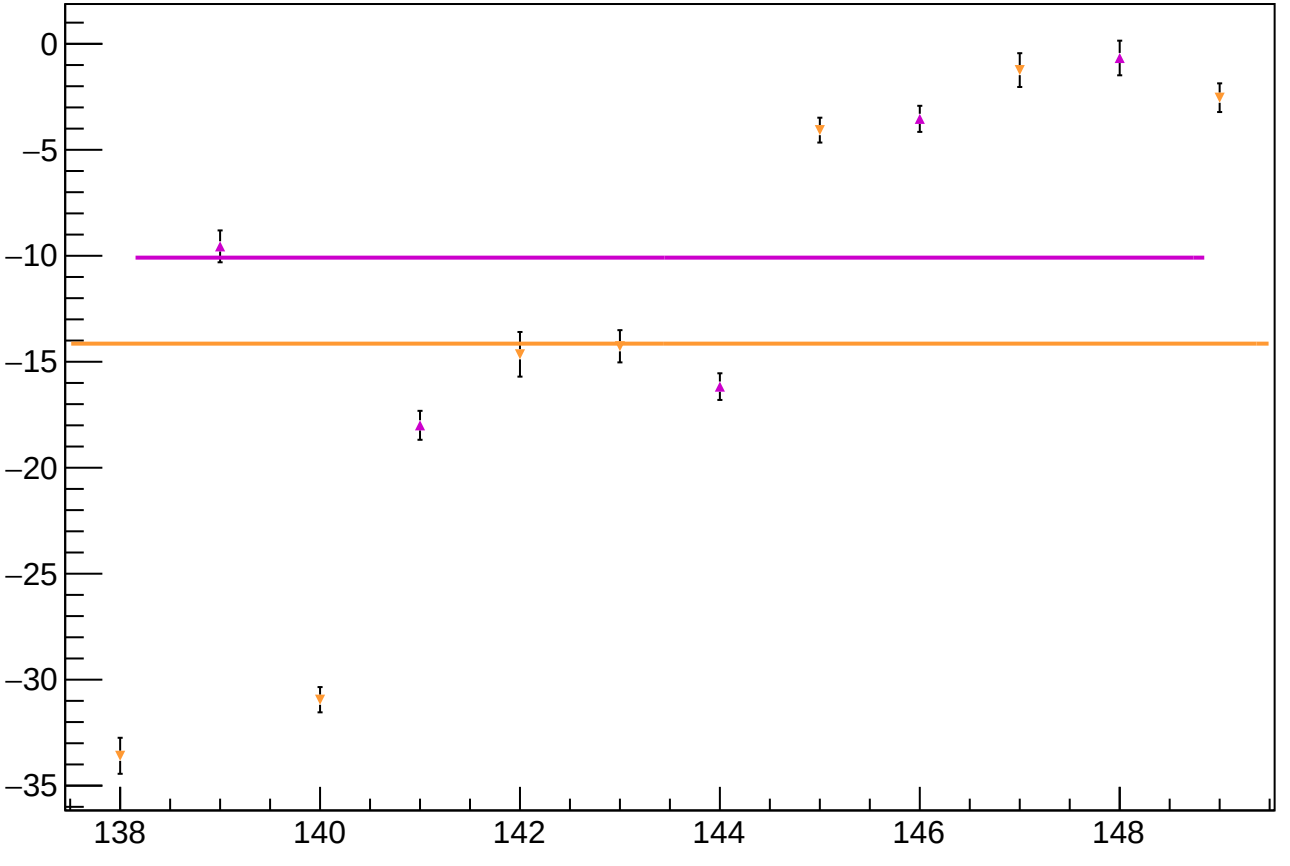
Right: 0.227+/-0.010 χ^2/NDF: 1651.4/35

In: 0.295+/-0.008 χ^2/NDF:750.7/21

Out: 0.247+/-0.007 χ^2/NDF:1510.7/25

All: 0.270+/-0.005 χ^2/NDF: 2282.9/47

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: -14.145+/-0.272 χ^2/NDF:2169.9/6

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

Left In: -10.088+/-0.307 χ^2/NDF:474.5/4

Left: -12.362+/-0.204 χ^2/NDF: 2742.0/11

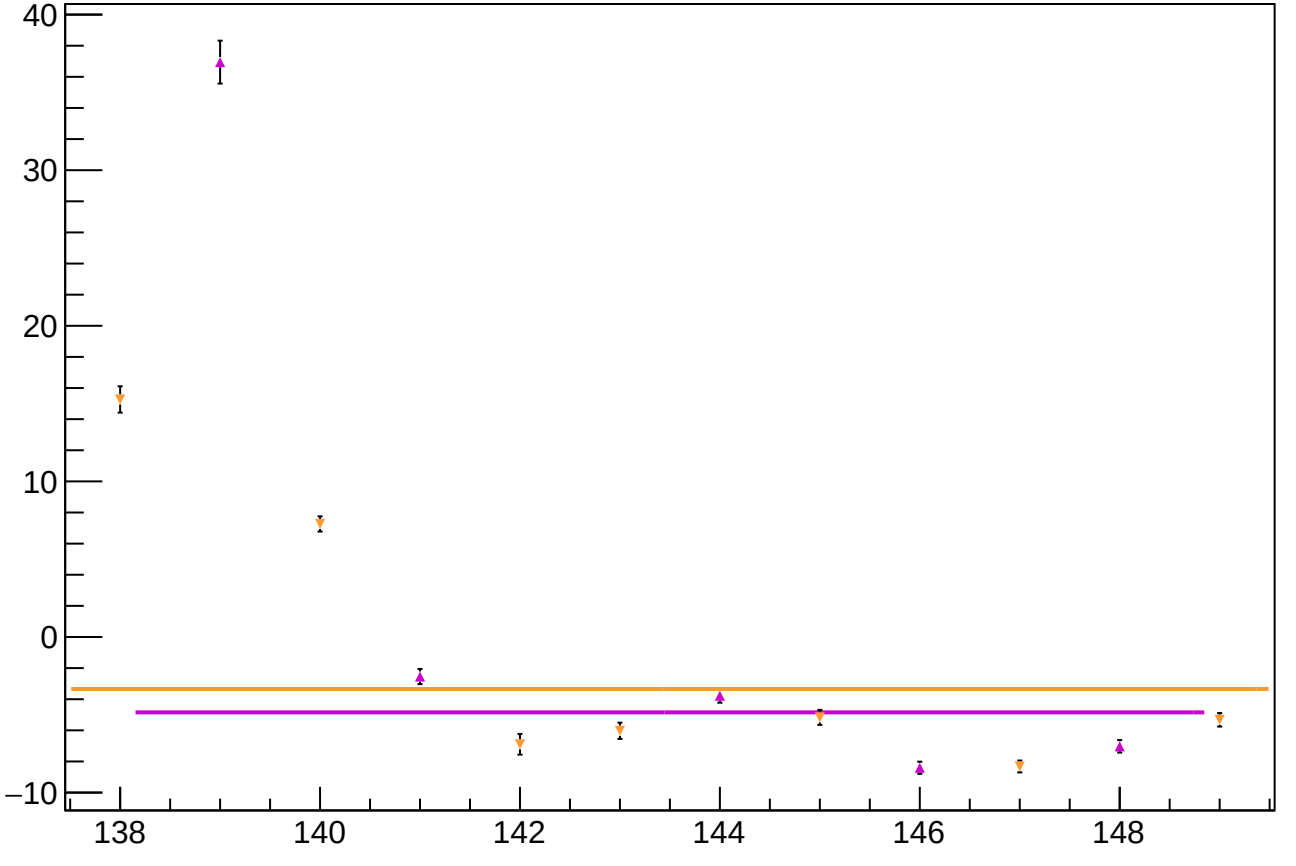
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.088+/-0.307 χ^2/NDF:474.5/4

Out: -14.145+/-0.272 χ^2/NDF:2169.9/6

All: -12.362+/-0.204 χ^2/NDF: 2742.0/11

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -3.340+/-0.189 χ^2/NDF:1213.6/6

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

Left In: -4.845+/-0.211 χ^2/NDF:1059.4/4

Left: -4.011+/-0.141 χ^2/NDF: 2301.2/11

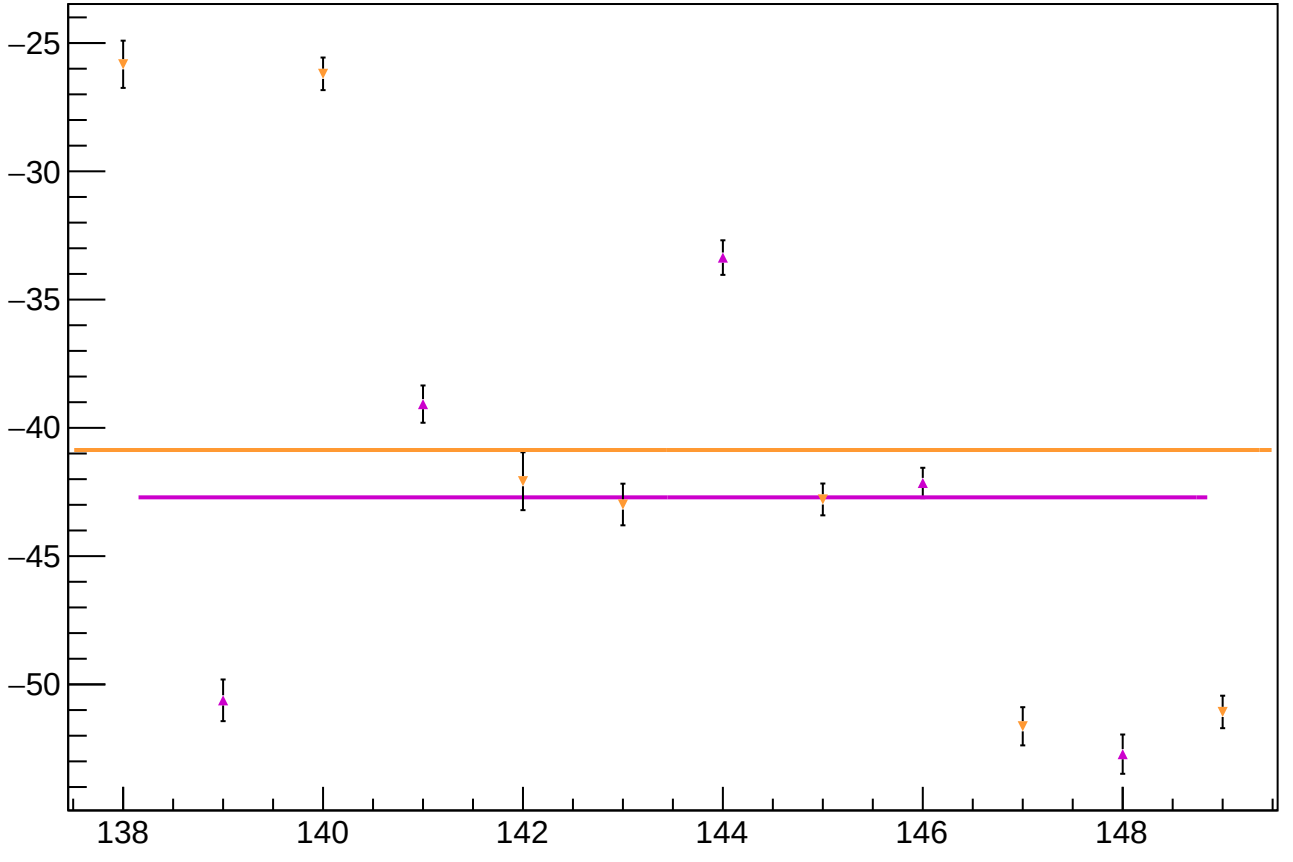
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.845+/-0.211 χ^2/NDF:1059.4/4

Out: -3.340+/-0.189 χ^2/NDF:1213.6/6

All: -4.011+/-0.141 χ^2/NDF: 2301.2/11

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -40.863+/-0.279 χ^2/NDF:1287.1/6

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

Left In: -42.709+/-0.313 χ^2/NDF:484.0/4

Left: -41.678+/-0.208 χ^2/NDF: 1790.5/11

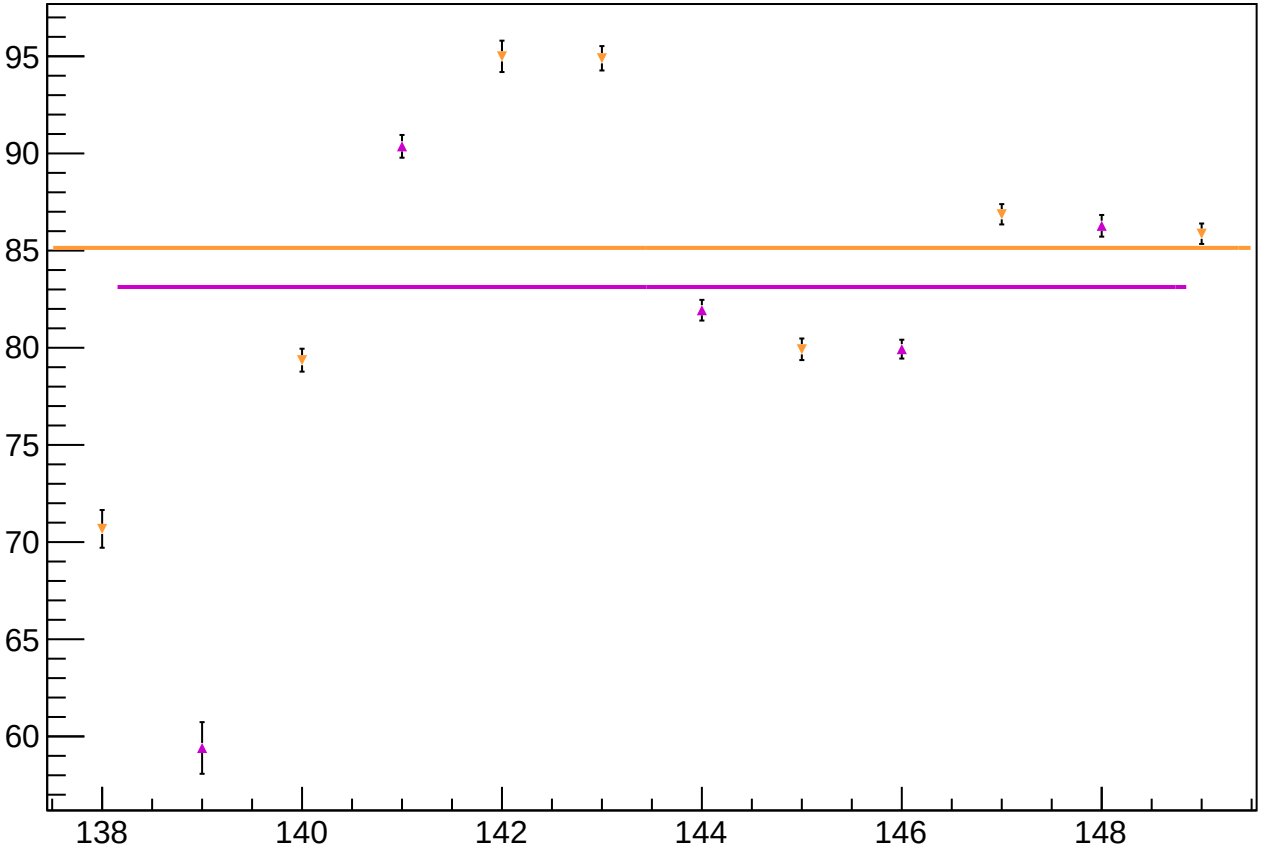
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.709+/-0.313 χ^2/NDF:484.0/4

Out: -40.863+/-0.279 χ^2/NDF:1287.1/6

All: -41.678+/-0.208 χ^2/NDF: 1790.5/11

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 85.140+/-0.232 χ^2/NDF:809.9/6

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

Left In: 83.127+/-0.263 χ^2/NDF:551.5/4

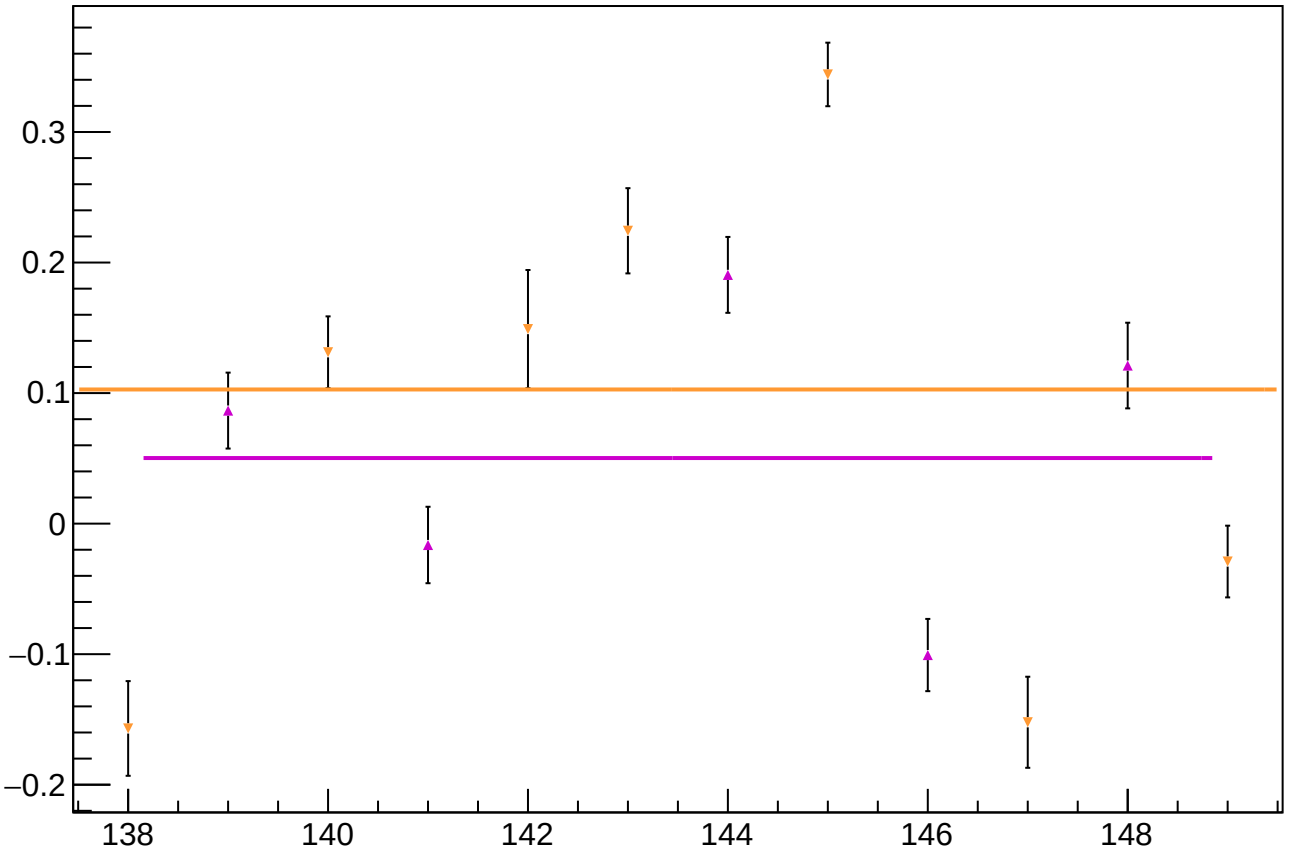
Left: 84.257+/-0.174 χ^2/NDF: 1394.2/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.127+/-0.263 χ^2/NDF:551.5/4

Out: 85.140+/-0.232 χ^2/NDF:809.9/6

All: 84.257+/-0.174 χ^2/NDF: 1394.2/11



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

Left Out: 0.103+/-0.012 χ^2/NDF:242.0/6

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

Left In: 0.050+/-0.013 χ^2/NDF:64.5/4

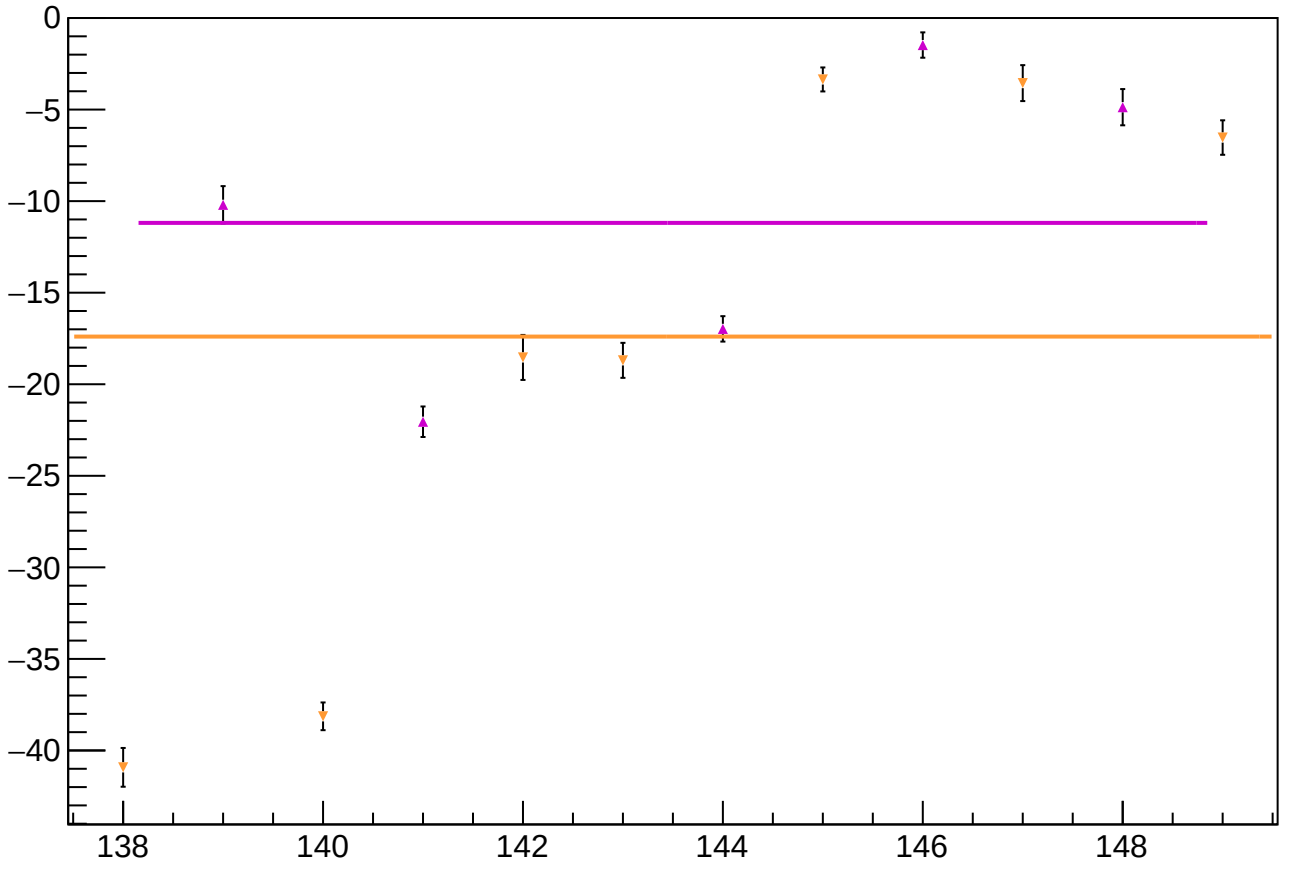
Left: 0.080+/-0.009 χ^2/NDF: 315.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.050+/-0.013 χ^2/NDF:64.5/4

Out: 0.103+/-0.012 χ^2/NDF:242.0/6

All: 0.080+/-0.009 χ^2/NDF: 315.3/11



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

Left Out: -17.397+/-0.335 χ^2/NDF:2039.2/6

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

Left In: -11.188+/-0.363 χ^2/NDF:478.0/4

Left: -14.539+/-0.246 χ^2/NDF: 2675.1/11

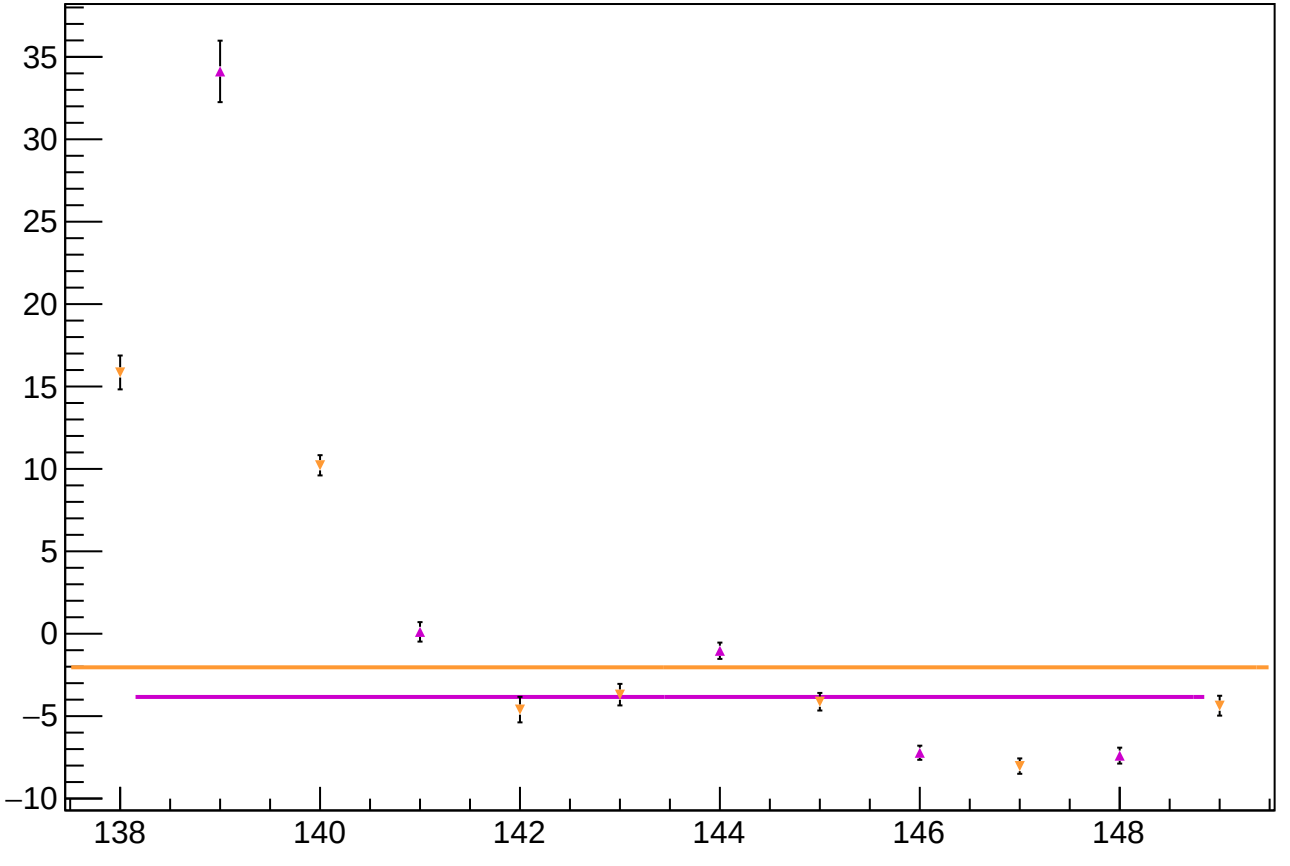
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.188+/-0.363 χ^2/NDF:478.0/4

Out: -17.397+/-0.335 χ^2/NDF:2039.2/6

All: -14.539+/-0.246 χ^2/NDF: 2675.1/11

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.038+/-0.233 χ^2/NDF:914.0/6

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

Left In: -3.836+/-0.243 χ^2/NDF:607.7/4

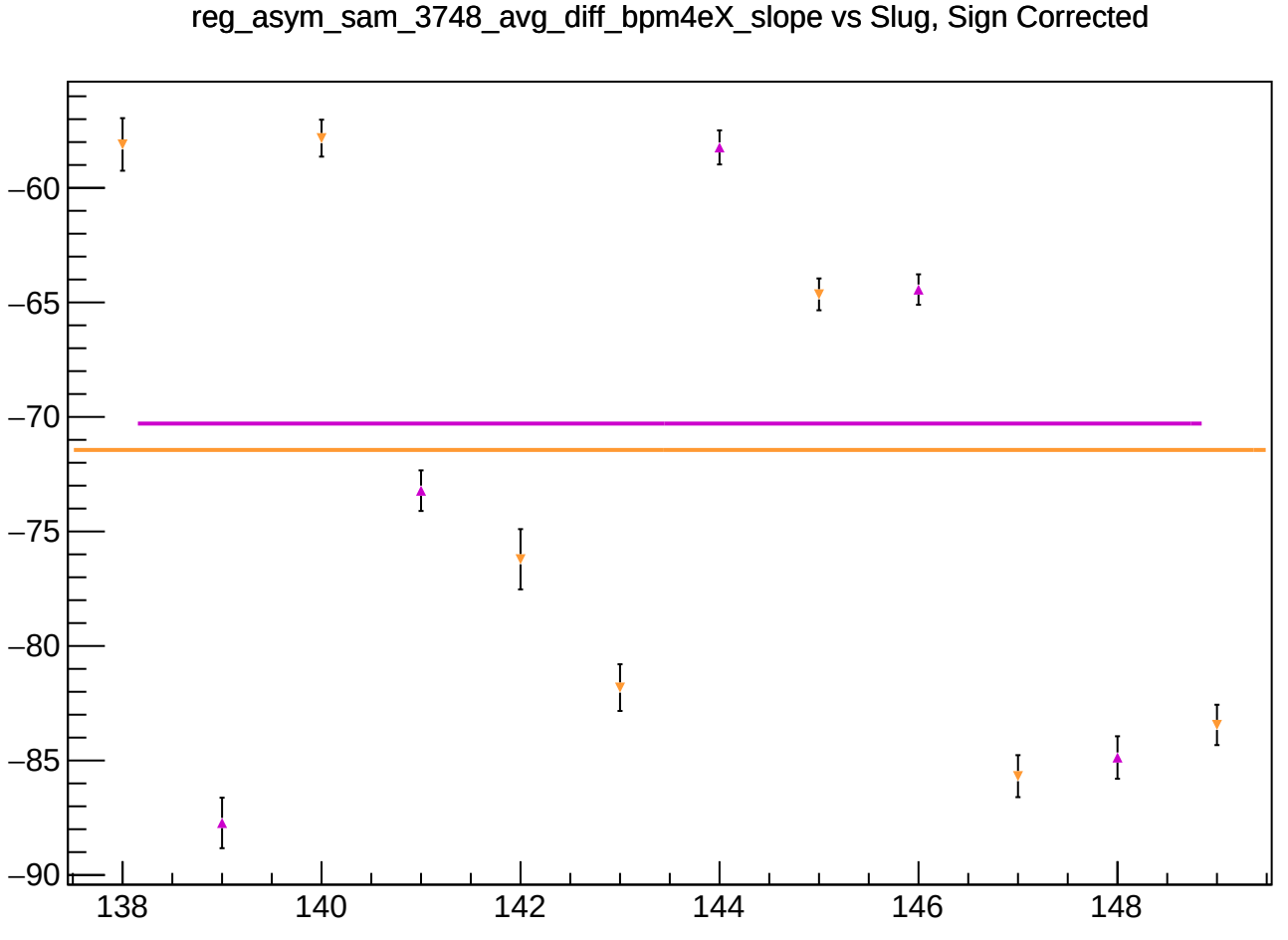
Left: -2.899+/-0.168 χ^2/NDF: 1550.2/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.836+/-0.243 χ^2/NDF:607.7/4

Out: -2.038+/-0.233 χ^2/NDF:914.0/6

All: -2.899+/-0.168 χ^2/NDF: 1550.2/11



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

Left Out: -71.441+/-0.345 χ^2/NDF:1060.3/6

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

Left In: -70.290+/-0.369 χ^2/NDF:848.8/4

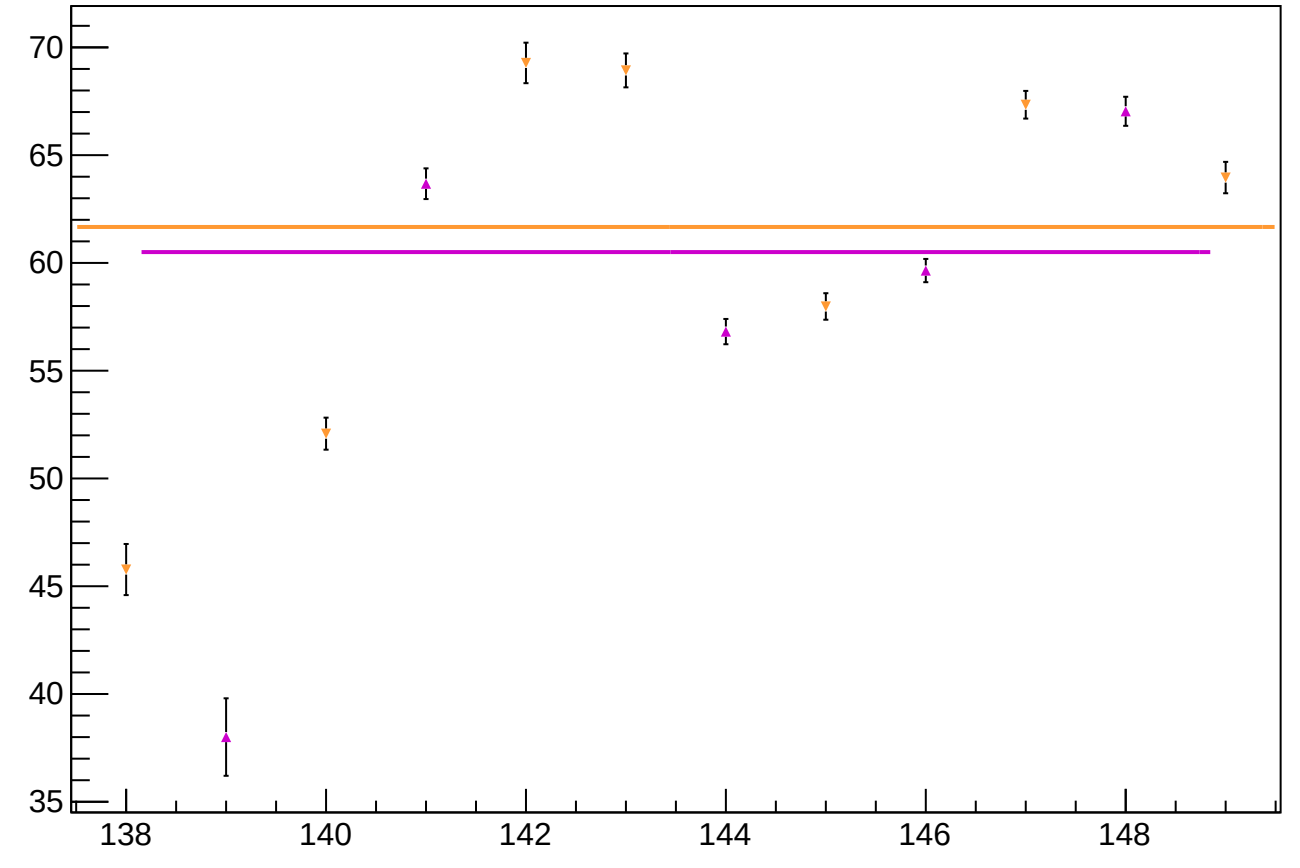
Left: -70.905+/-0.252 χ^2/NDF: 1914.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -70.290+/-0.369 χ^2/NDF:848.8/4

Out: -71.441+/-0.345 χ^2/NDF:1060.3/6

All: -70.905+/-0.252 χ^2/NDF: 1914.3/11



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

Left Out: 61.668+/-0.286 χ^2/NDF:621.0/6

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

Left In: 60.503+/-0.304 χ^2/NDF:312.5/4

Left: 61.121+/-0.208 χ^2/NDF: 941.3/11

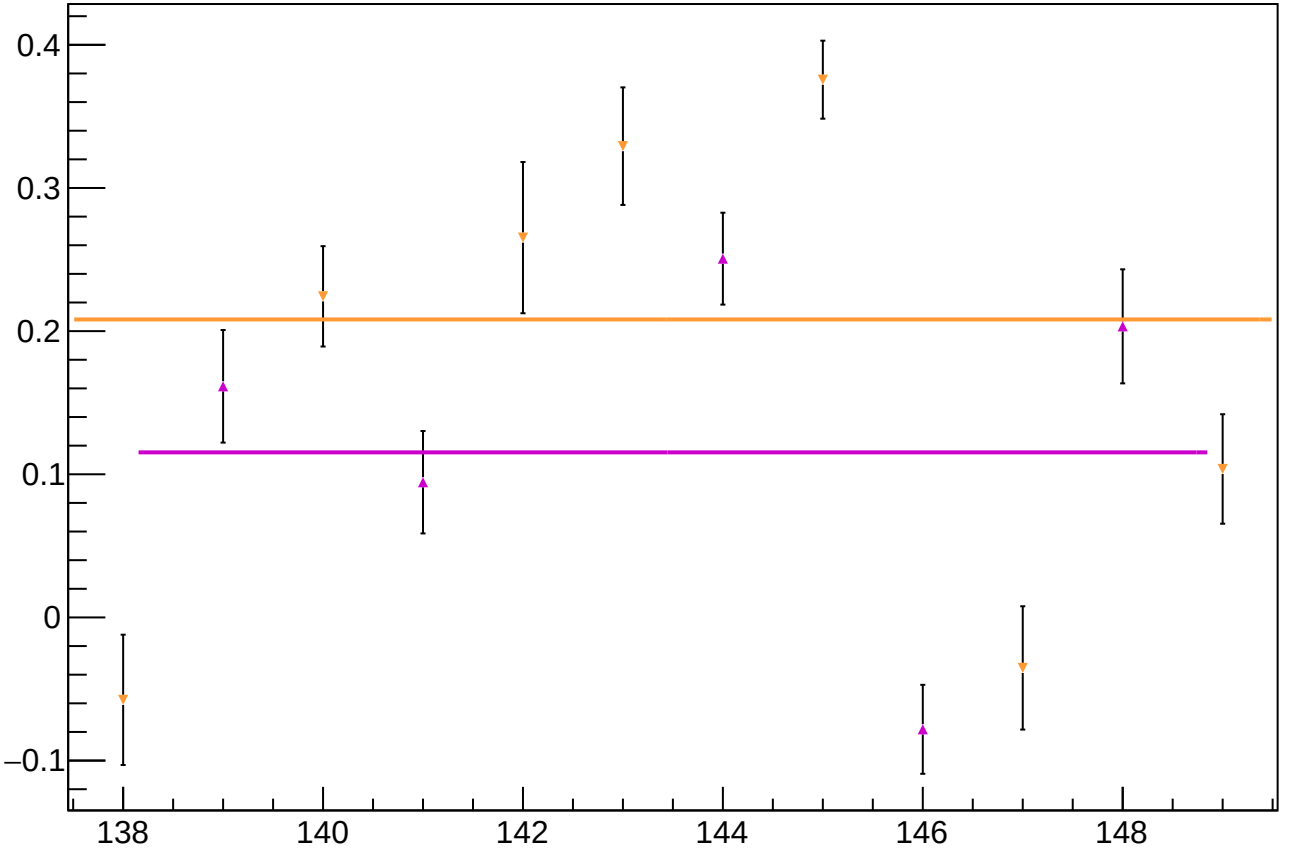
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.503+/-0.304 χ^2/NDF:312.5/4

Out: 61.668+/-0.286 χ^2/NDF:621.0/6

All: 61.121+/-0.208 χ^2/NDF: 941.3/11

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: 0.208+/-0.014 χ^2/NDF:121.4/6

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

Left In: 0.115+/-0.016 χ^2/NDF:63.1/4

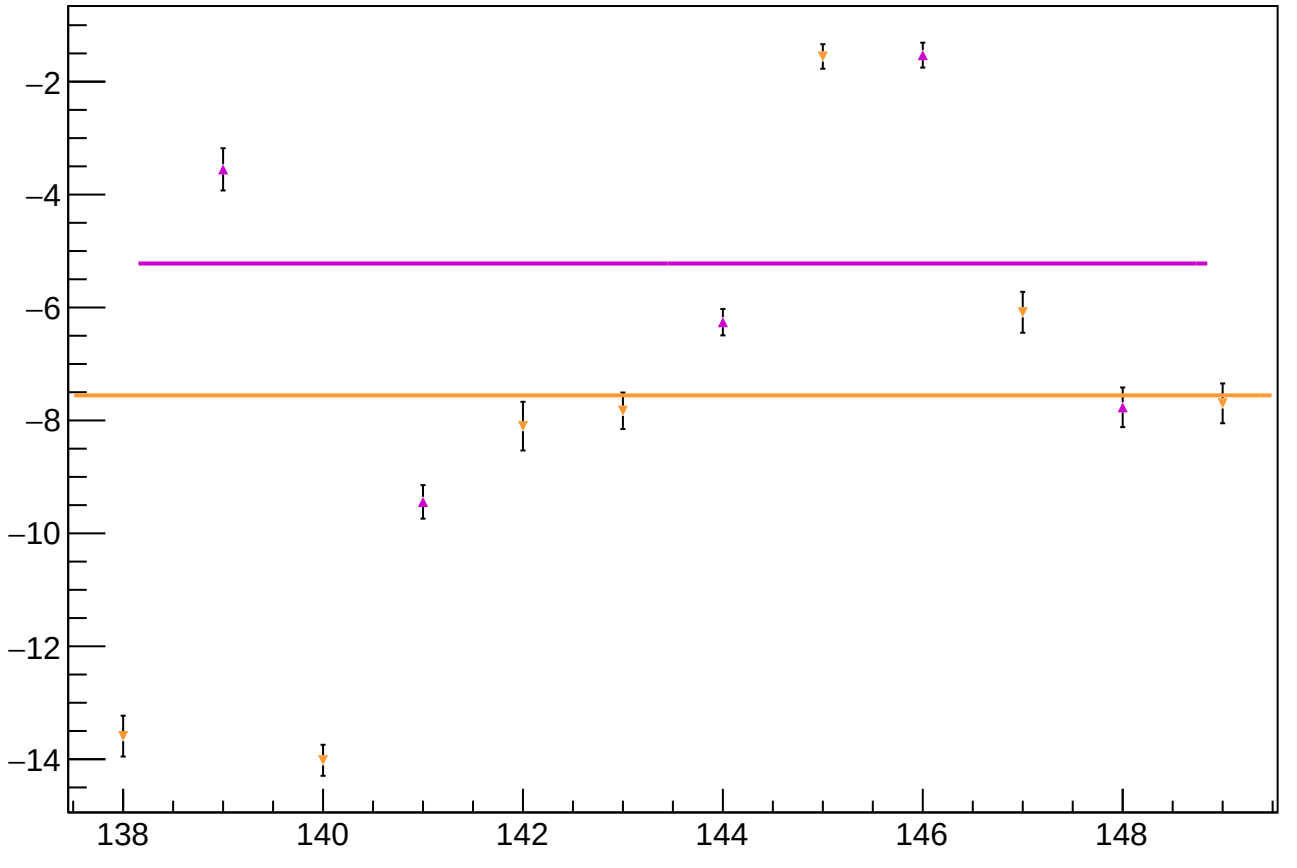
Left: 0.166+/-0.011 χ^2/NDF: 203.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.115+/-0.016 χ^2/NDF:63.1/4

Out: 0.208+/-0.014 χ^2/NDF:121.4/6

All: 0.166+/-0.011 χ^2/NDF: 203.5/11



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

Left Out: -7.556+/-0.117 χ^2/NDF:1616.5/6

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

Left In: -5.221+/-0.124 χ^2/NDF:573.5/4

Left: -6.451+/-0.085 χ^2/NDF: 2377.8/11

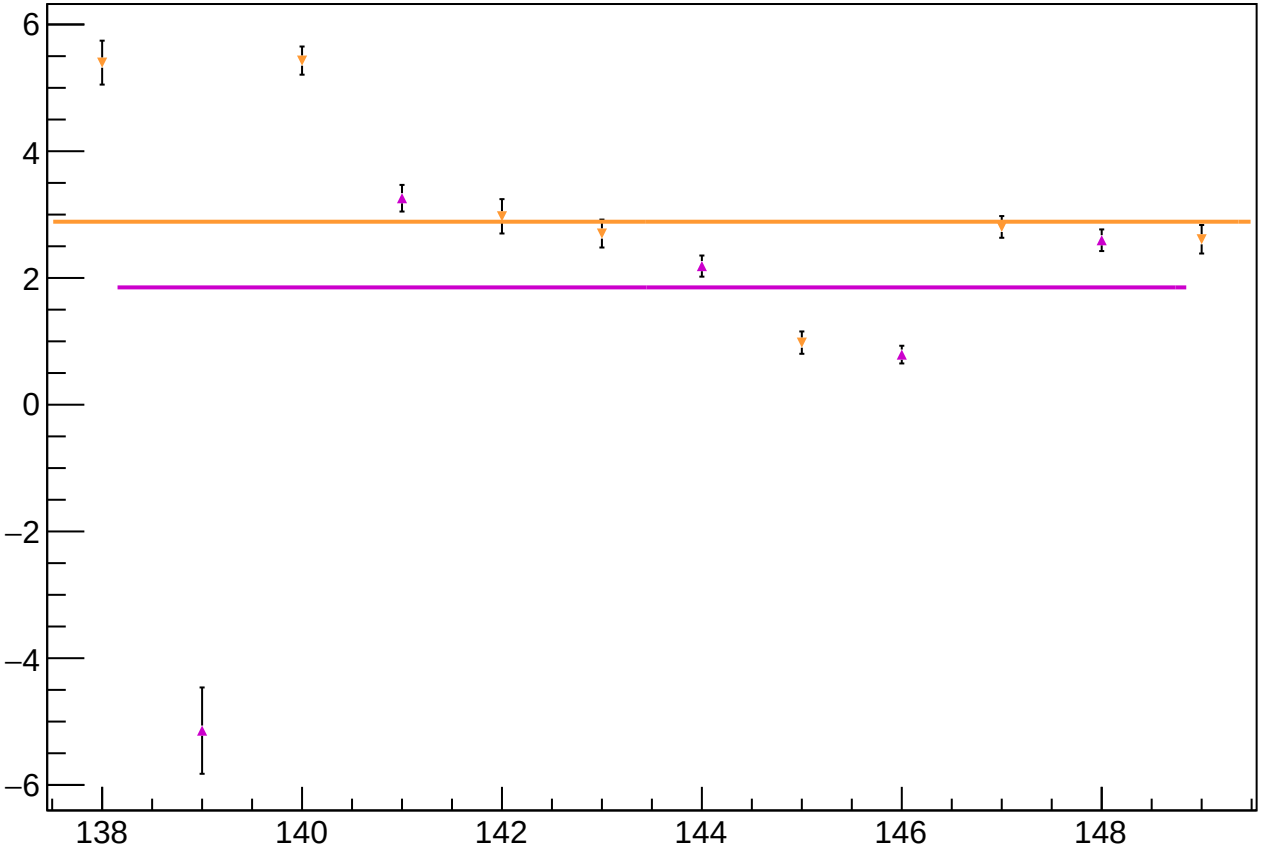
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.221+/-0.124 χ^2/NDF:573.5/4

Out: -7.556+/-0.117 χ^2/NDF:1616.5/6

All: -6.451+/-0.085 χ^2/NDF: 2377.8/11

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 2.888+/-0.082 χ^2/NDF:302.9/6

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

Left In: 1.851+/-0.083 χ^2/NDF:231.0/4

Left: 2.374+/-0.058 χ^2/NDF: 613.2/11

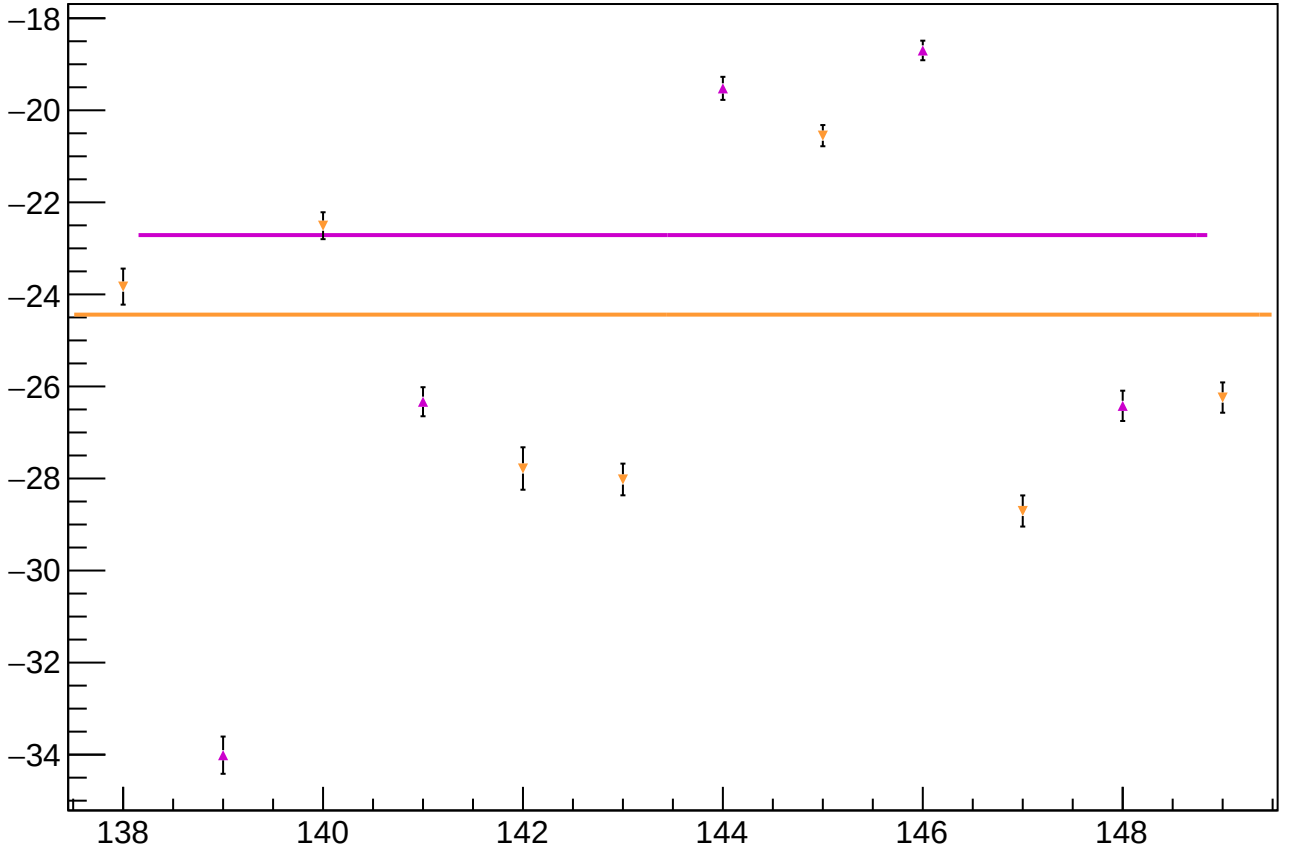
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.851+/-0.083 χ^2/NDF:231.0/4

Out: 2.888+/-0.082 χ^2/NDF:302.9/6

All: 2.374+/-0.058 χ^2/NDF: 613.2/11

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: -24.439+/-0.121 χ^2/NDF:680.9/6

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

Left In: -22.711+/-0.126 χ^2/NDF:1557.1/4

Left: -23.606+/-0.087 χ^2/NDF: 2336.1/11

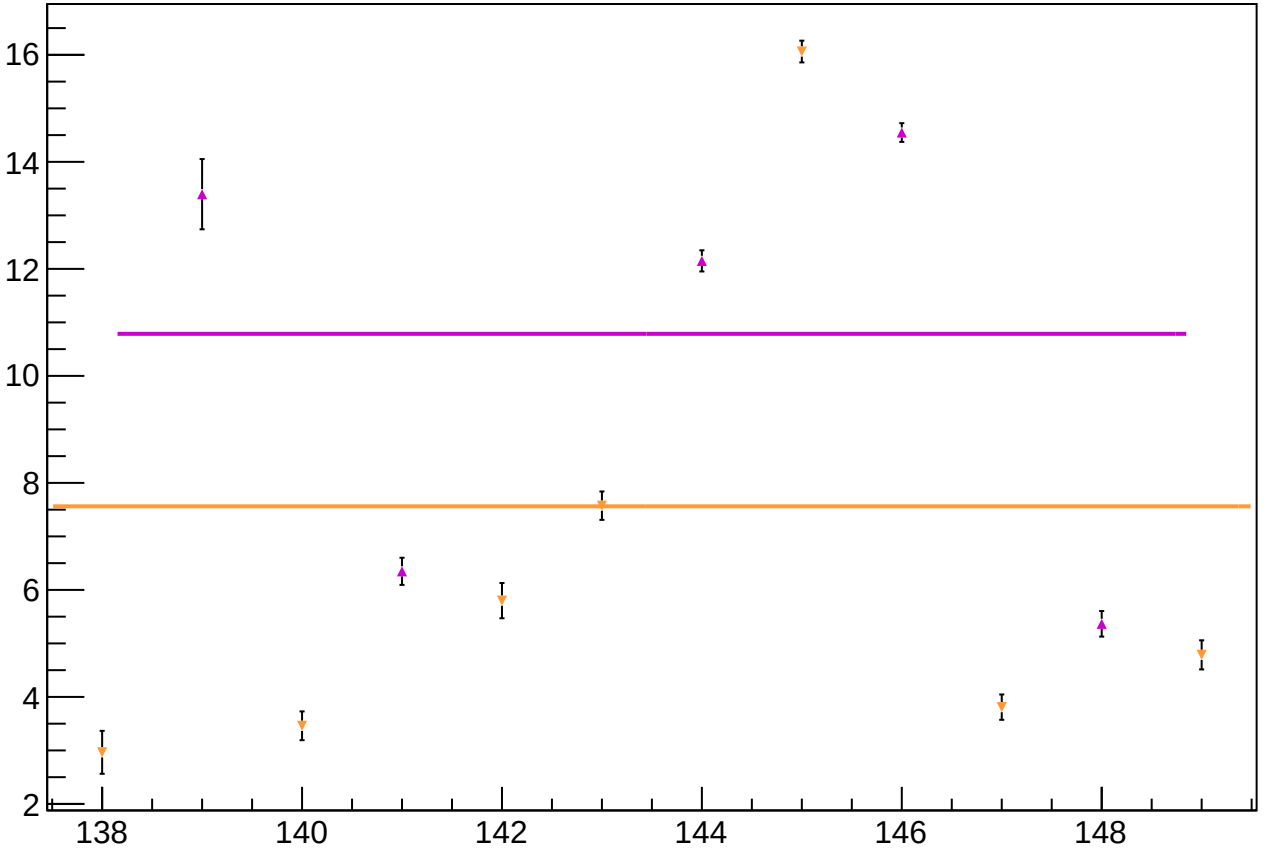
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.711+/-0.126 χ^2/NDF:1557.1/4

Out: -24.439+/-0.121 χ^2/NDF:680.9/6

All: -23.606+/-0.087 χ^2/NDF: 2336.1/11

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 7.562+/-0.100 χ^2/NDF:2497.6/6

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

Left In: 10.786+/-0.103 χ^2/NDF:1346.9/4

Left: 9.129+/-0.072 χ^2/NDF: 4345.0/11

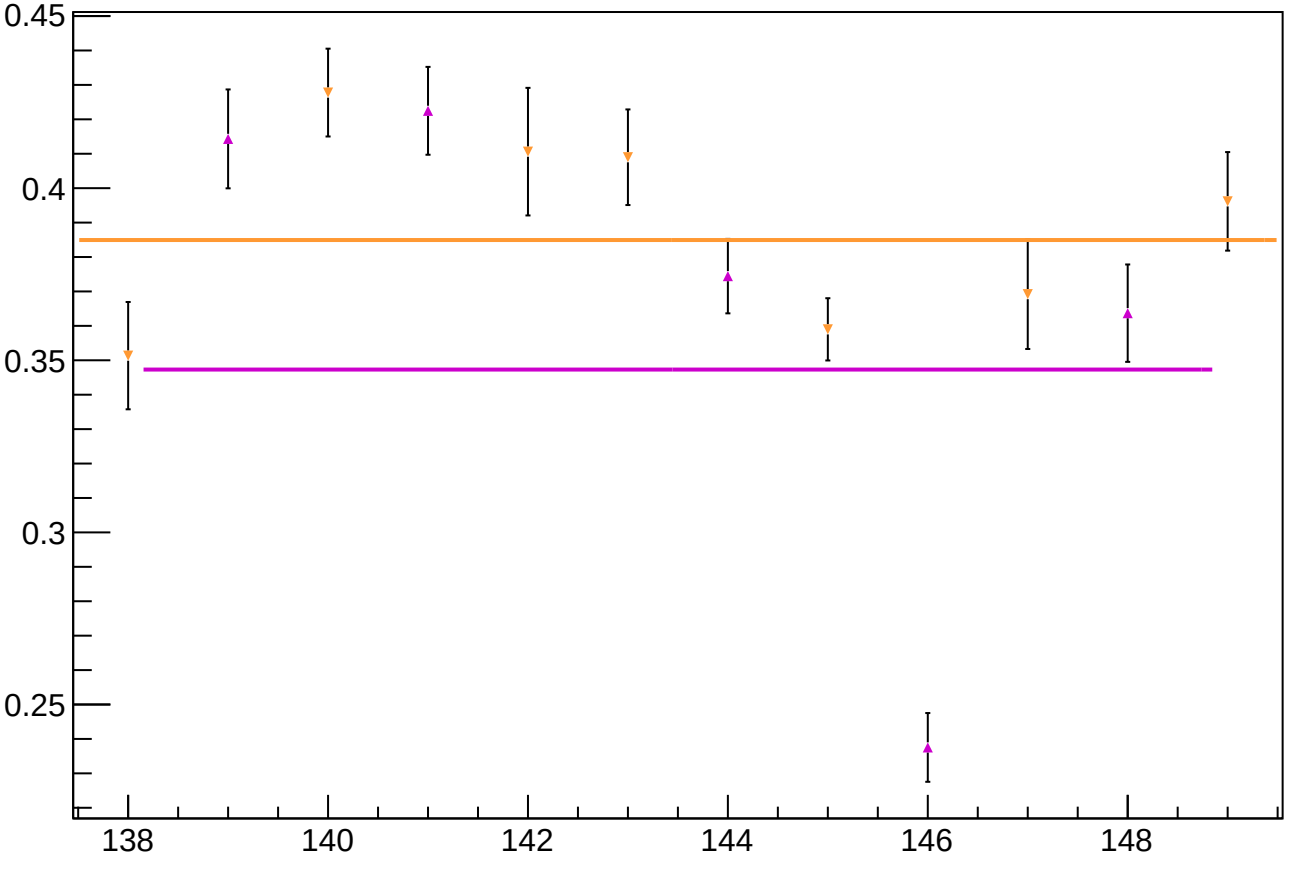
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.786+/-0.103 χ^2/NDF:1346.9/4

Out: 7.562+/-0.100 χ^2/NDF:2497.6/6

All: 9.129+/-0.072 χ^2/NDF: 4345.0/11

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: 0.385+/-0.005 χ^2/NDF:30.7/6

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

Left In: 0.347+/-0.005 χ^2/NDF:184.9/4

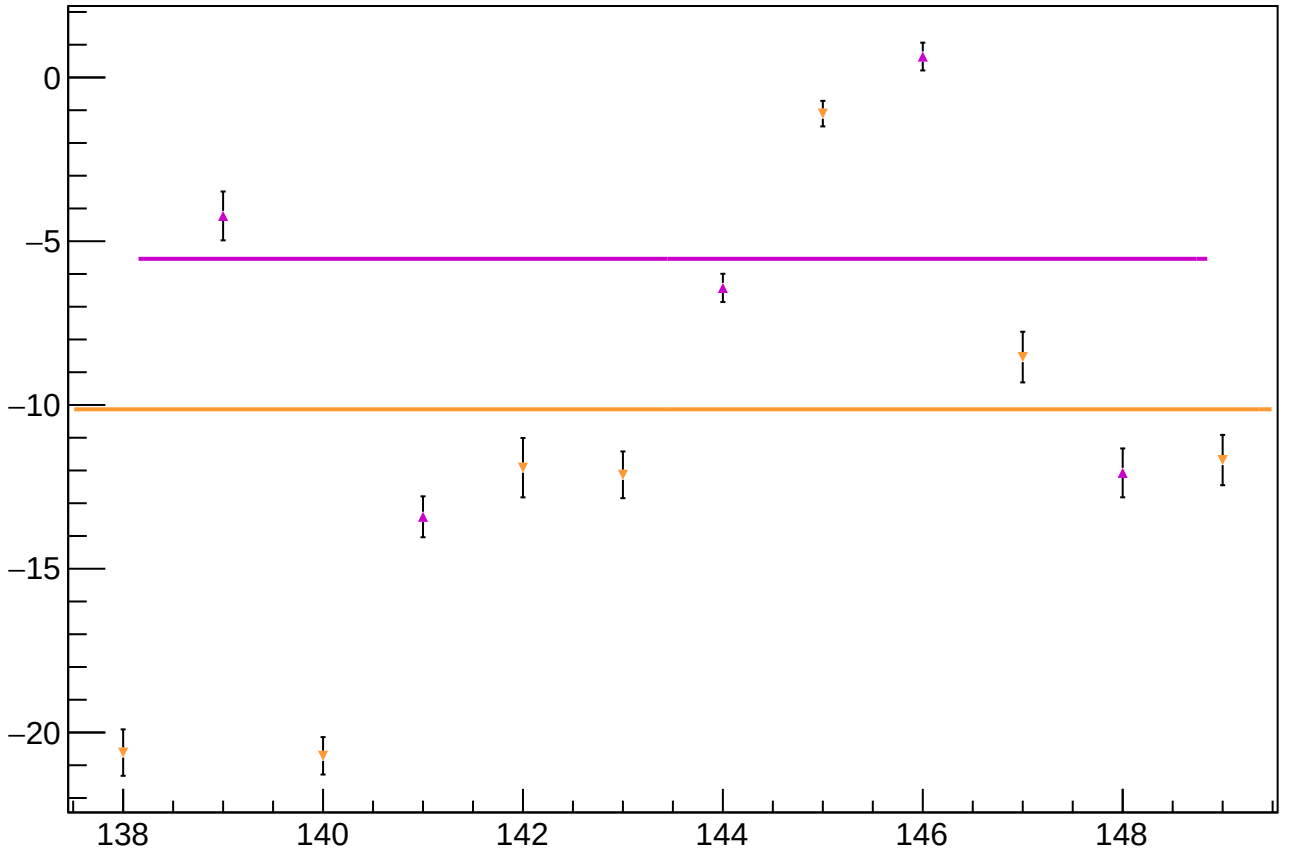
Left: 0.367+/-0.004 χ^2/NDF: 241.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.347+/-0.005 χ^2/NDF:184.9/4

Out: 0.385+/-0.005 χ^2/NDF:30.7/6

All: 0.367+/-0.004 χ^2/NDF: 241.6/11



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

Left Out: -10.132+/-0.235 χ^2/NDF:1117.3/6

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

Left In: -5.537+/-0.242 χ^2/NDF:454.7/4

Left: -7.905+/-0.168 χ^2/NDF: 1758.0/11

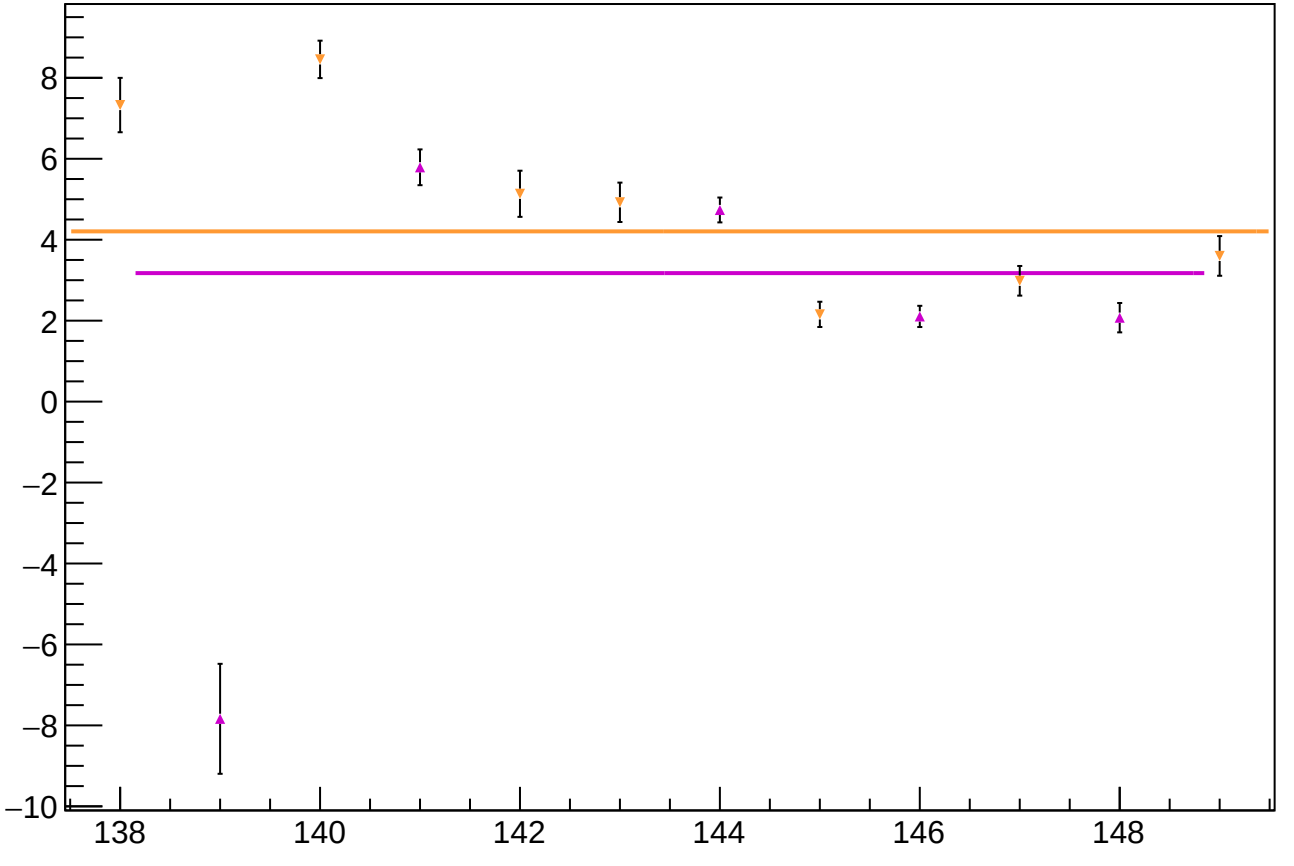
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.537+/-0.242 χ^2/NDF:454.7/4

Out: -10.132+/-0.235 χ^2/NDF:1117.3/6

All: -7.905+/-0.168 χ^2/NDF: 1758.0/11

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: 4.206+/-0.166 χ^2/NDF:166.7/6

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

Left In: 3.175+/-0.161 χ^2/NDF:152.4/4

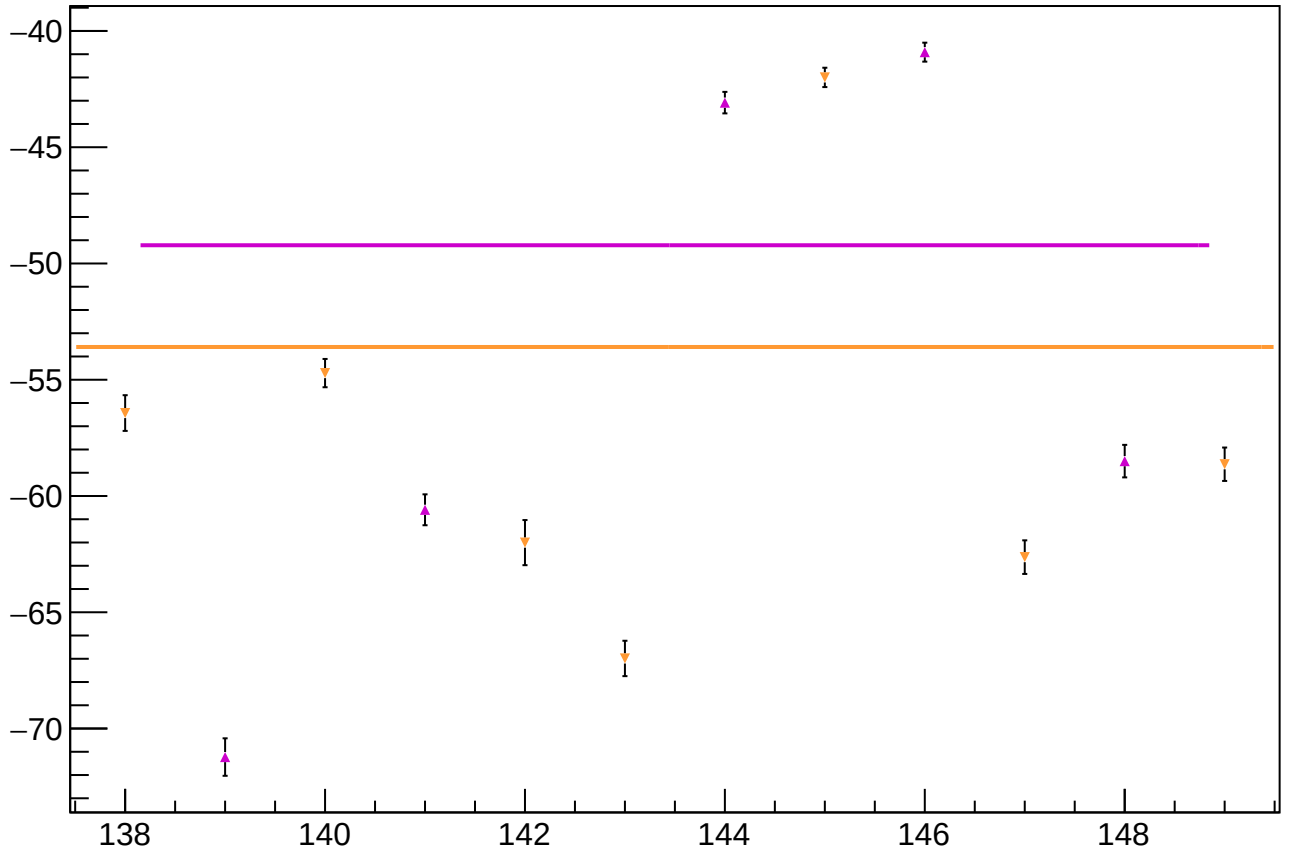
Left: 3.674+/-0.116 χ^2/NDF: 338.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.175+/-0.161 χ^2/NDF:152.4/4

Out: 4.206+/-0.166 χ^2/NDF:166.7/6

All: 3.674+/-0.116 χ^2/NDF: 338.9/11



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

Left Out: -53.591+/-0.244 χ^2/NDF:1385.2/6

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

Left In: -49.216+/-0.246 χ^2/NDF:1805.6/4

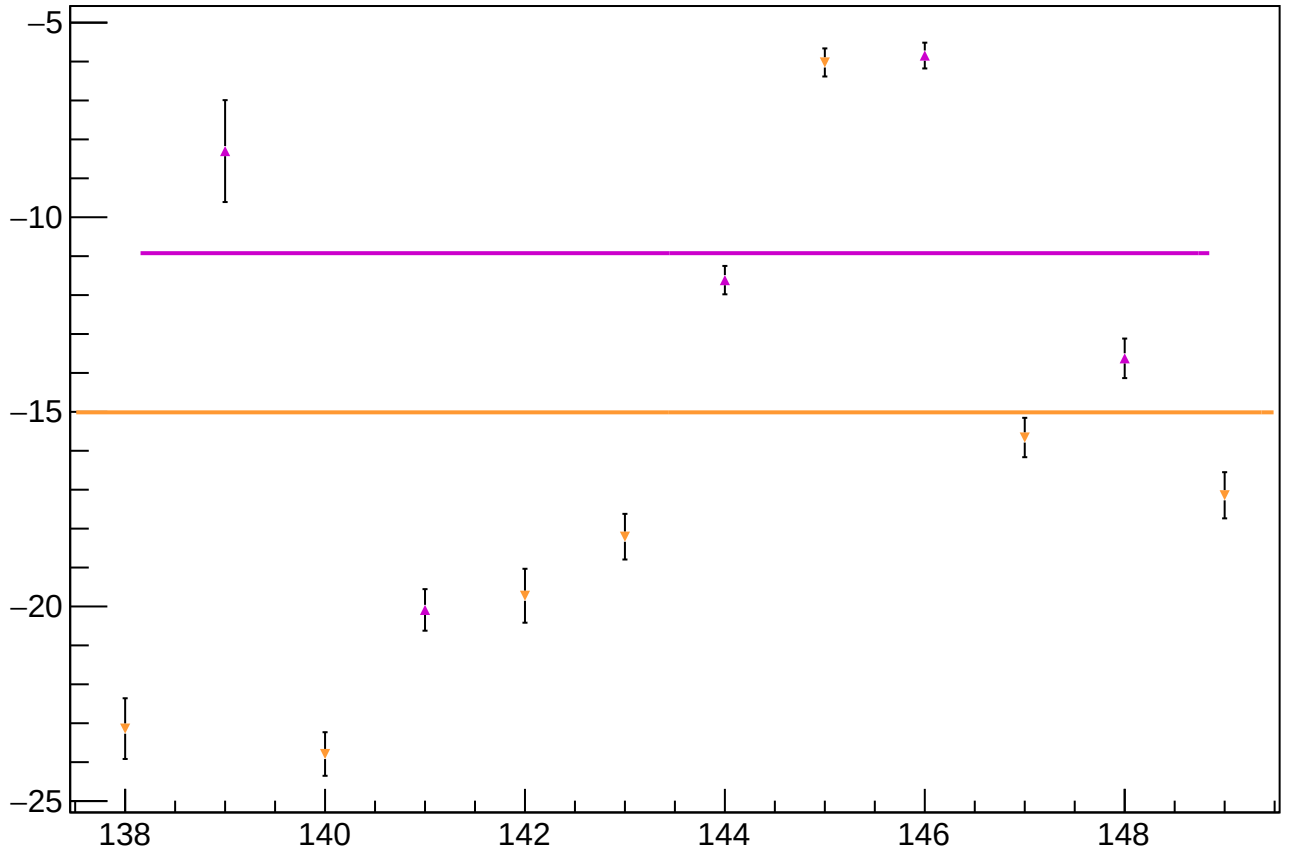
Left: -51.422+/-0.173 χ^2/NDF: 3350.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.216+/-0.246 χ^2/NDF:1805.6/4

Out: -53.591+/-0.244 χ^2/NDF:1385.2/6

All: -51.422+/-0.173 χ^2/NDF: 3350.5/11



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

Left Out: -15.013+/-0.203 χ^2/NDF:1065.4/6

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

Left In: -10.923+/-0.202 χ^2/NDF:565.6/4

Left: -12.953+/-0.143 χ^2/NDF: 1835.3/11

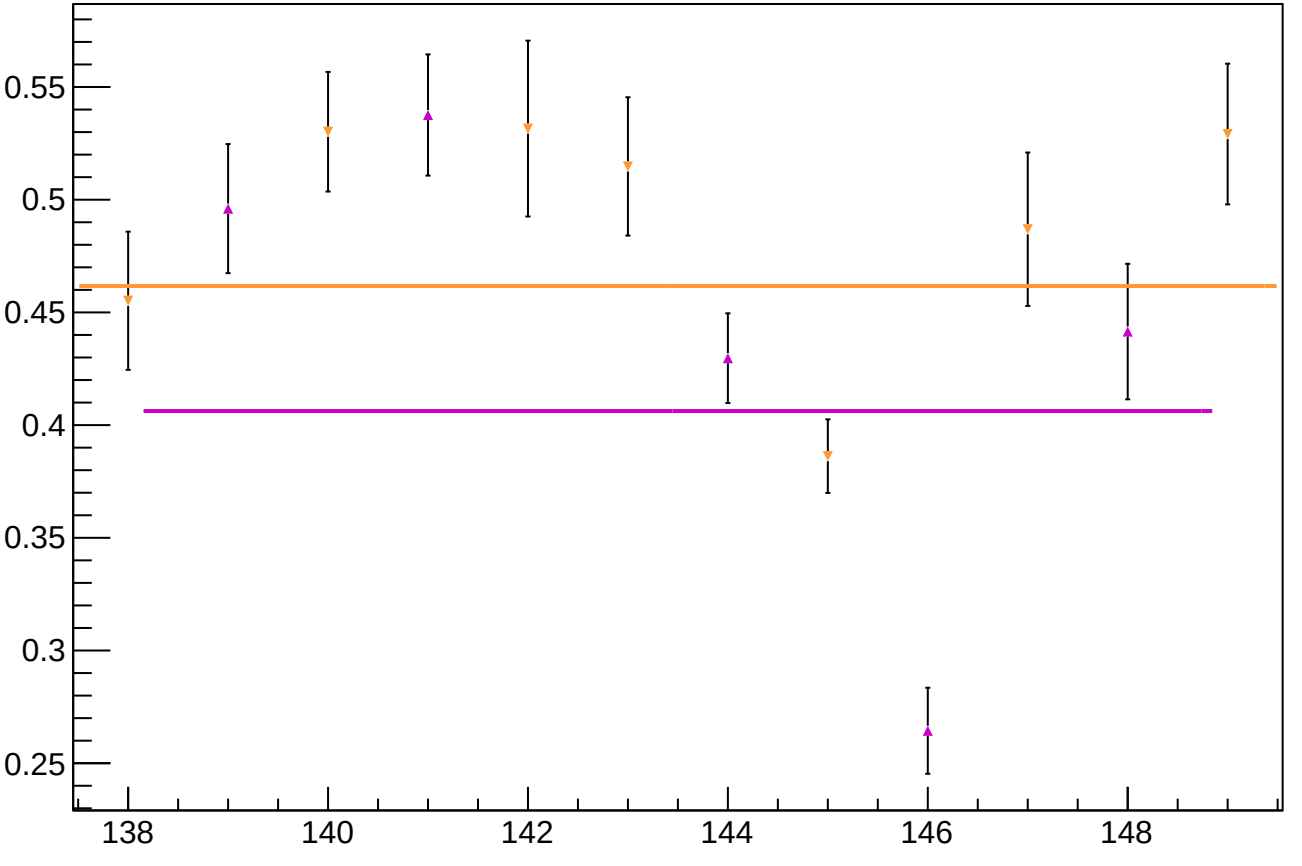
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.923+/-0.202 χ^2/NDF:565.6/4

Out: -15.013+/-0.203 χ^2/NDF:1065.4/6

All: -12.953+/-0.143 χ^2/NDF: 1835.3/11

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.462+/-0.010 χ^2/NDF:39.5/6

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

Left In: 0.406+/-0.011 χ^2/NDF:91.7/4

Left: 0.435+/-0.007 χ^2/NDF: 145.7/11

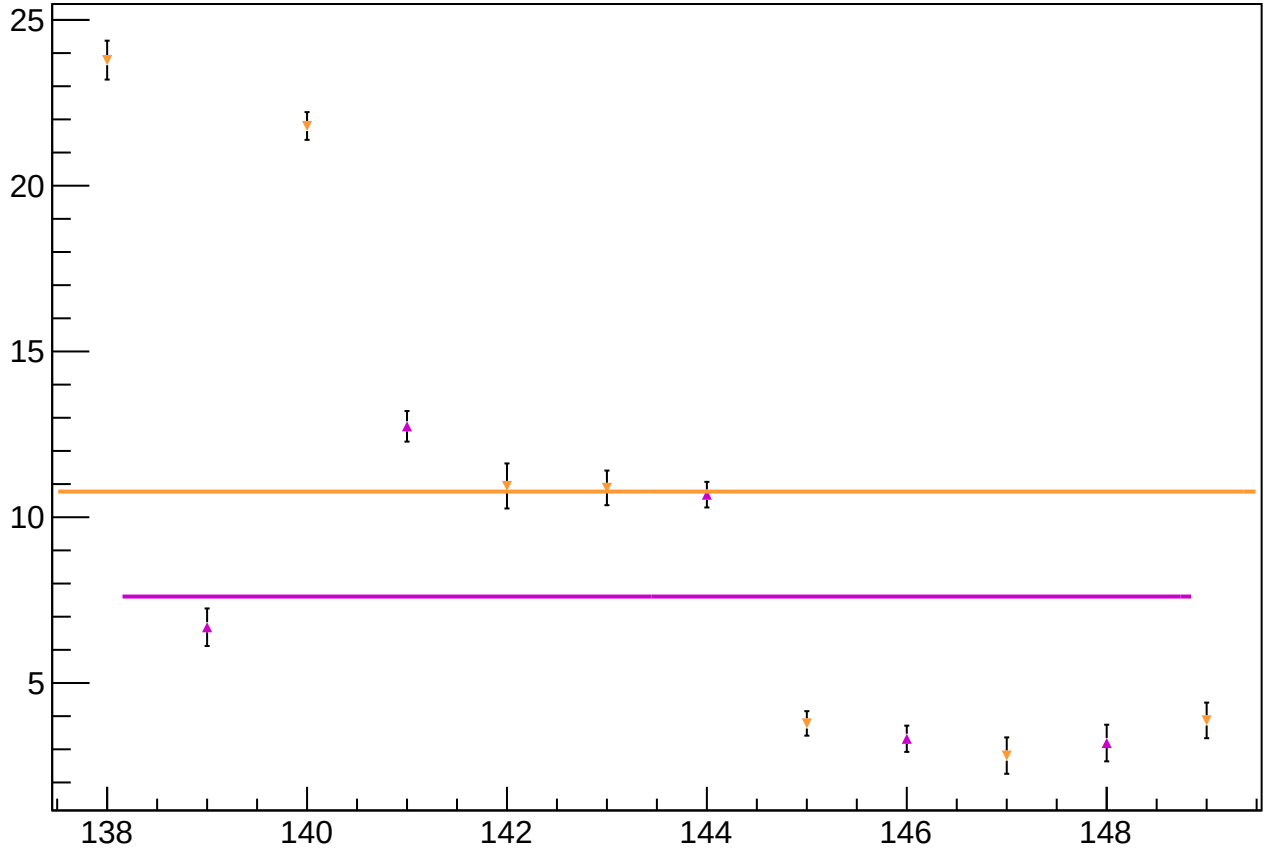
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.406+/-0.011 χ^2/NDF:91.7/4

Out: 0.462+/-0.010 χ^2/NDF:39.5/6

All: 0.435+/-0.007 χ^2/NDF: 145.7/11

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.774+/-0.187 χ^2/NDF:1921.0/6

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

Left In: 7.608+/-0.203 χ^2/NDF:371.4/4

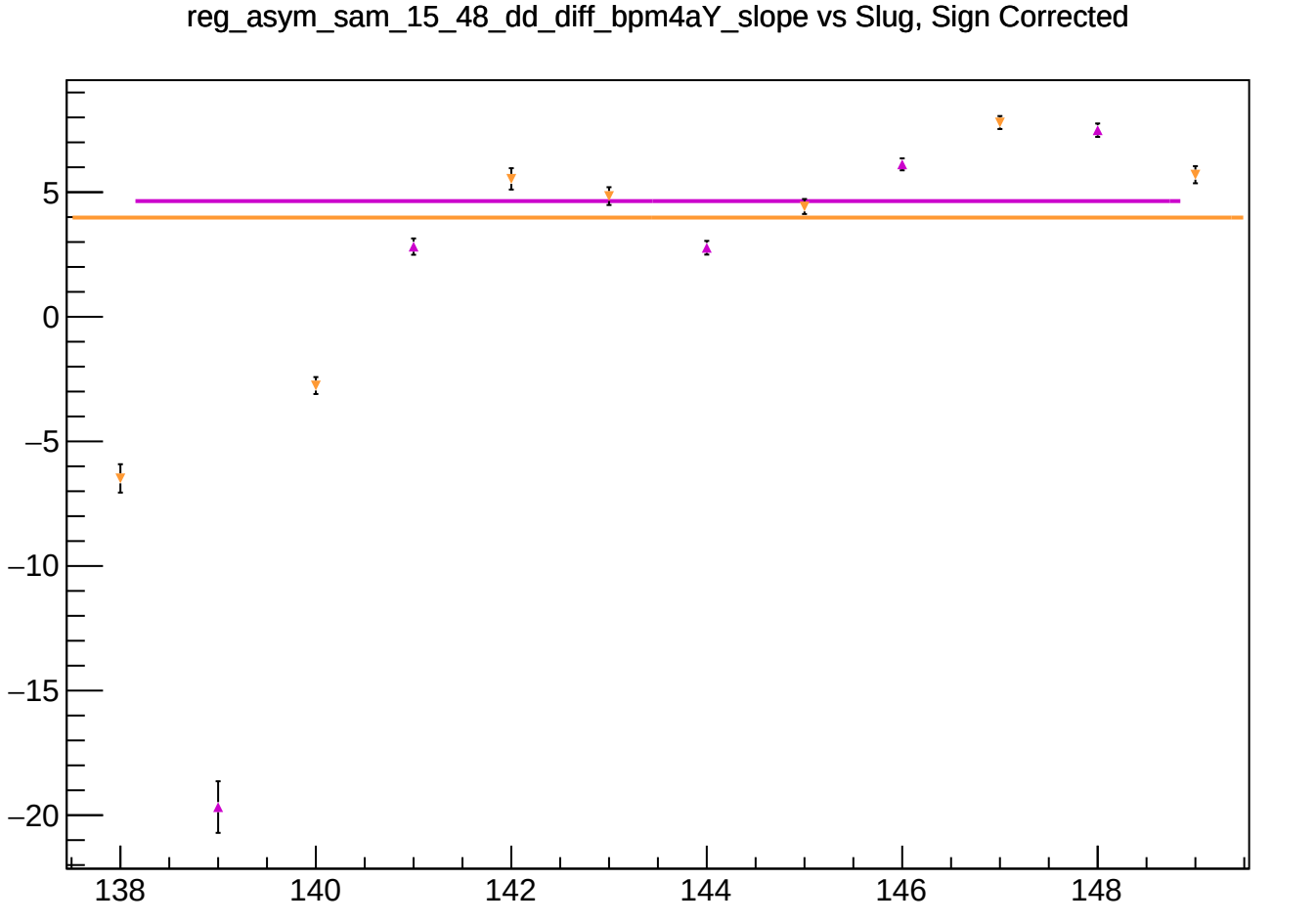
Left: 9.322+/-0.138 χ^2/NDF: 2423.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.608+/-0.203 χ^2/NDF:371.4/4

Out: 10.774+/-0.187 χ^2/NDF:1921.0/6

All: 9.322+/-0.138 χ^2/NDF: 2423.7/11



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

Left Out: 3.981+/-0.130 χ^2/NDF:992.2/6

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

Left In: 4.643+/-0.136 χ^2/NDF:778.0/4

Left: 4.298+/-0.094 χ^2/NDF: 1782.6/11

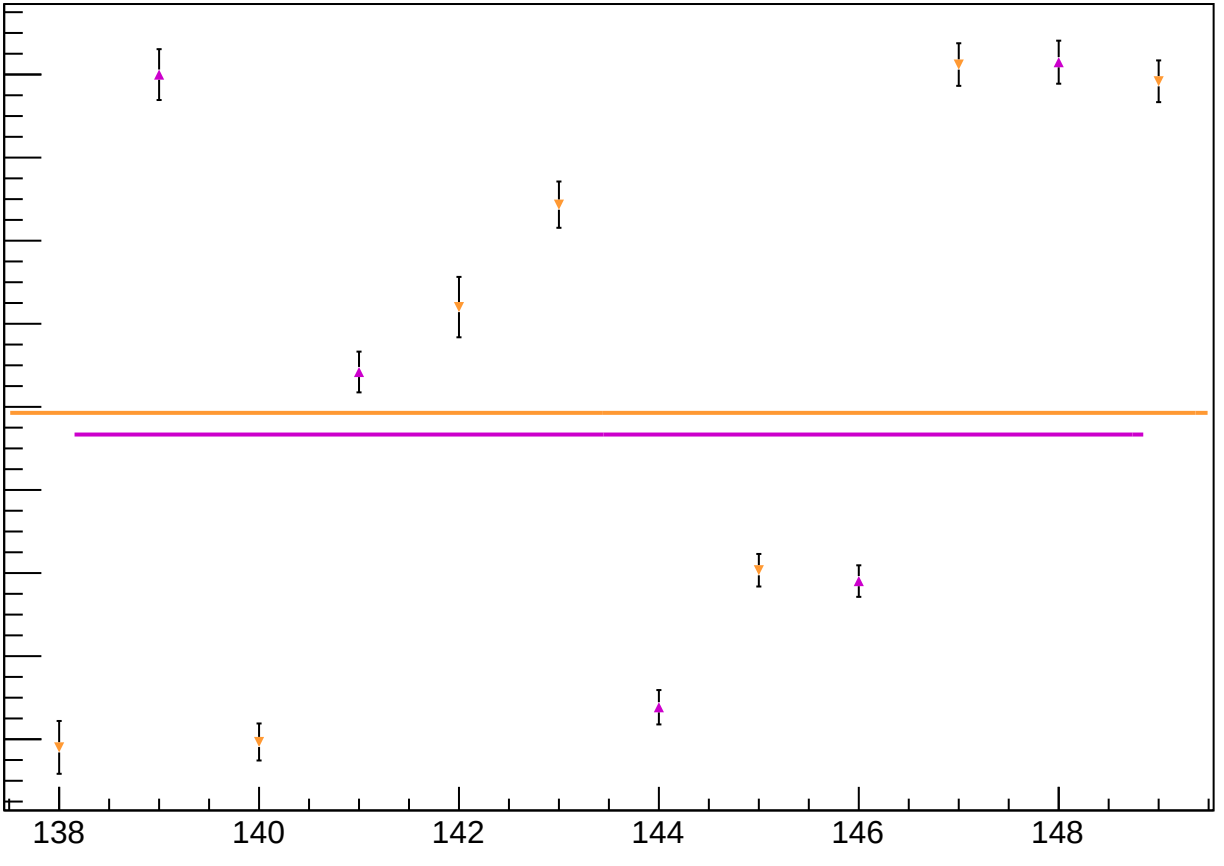
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.643+/-0.136 χ^2/NDF:778.0/4

Out: 3.981+/-0.130 χ^2/NDF:992.2/6

All: 4.298+/-0.094 χ^2/NDF: 1782.6/11

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: 39.856+/-0.193 χ^2/NDF:1183.4/6

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

Left In: 39.334+/-0.207 χ^2/NDF:847.3/4

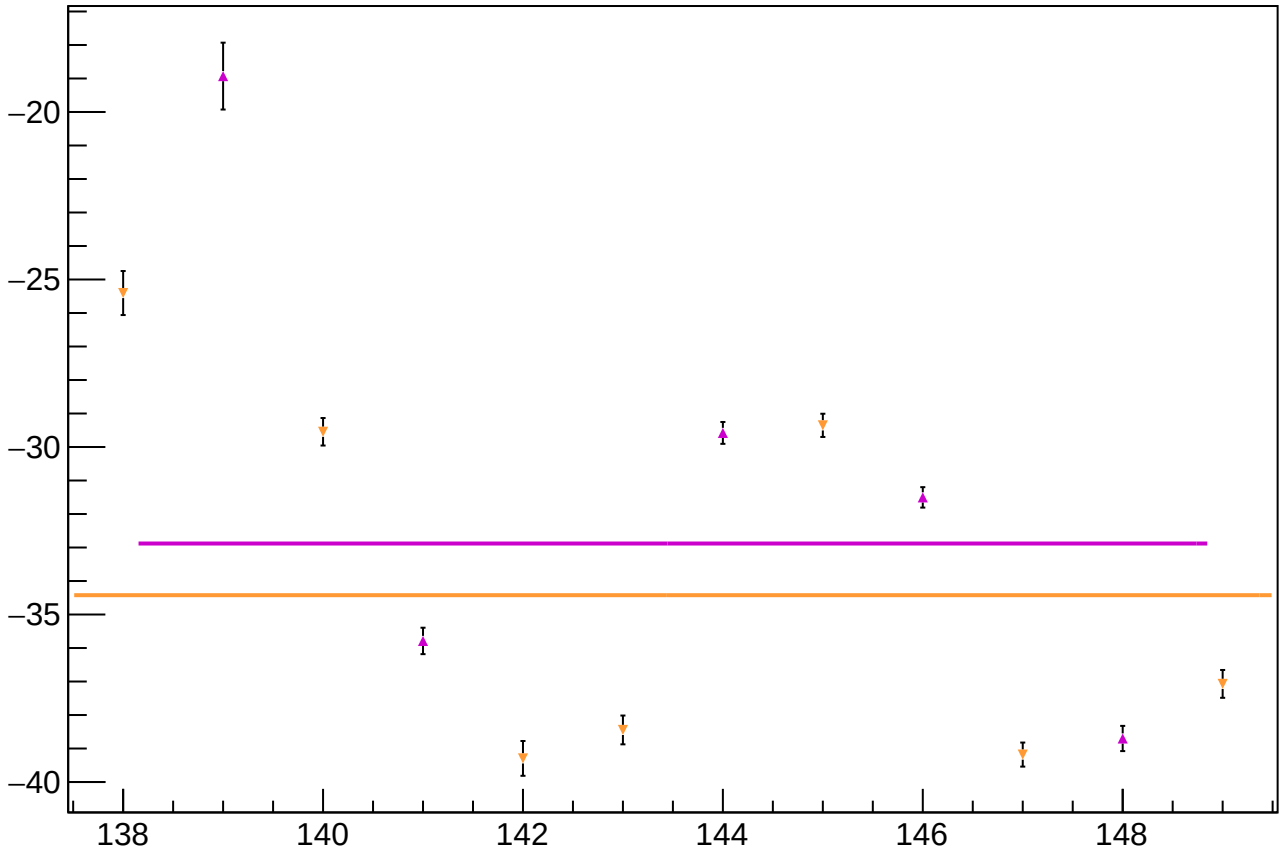
Left: 39.614+/-0.141 χ^2/NDF: 2034.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.334+/-0.207 χ^2/NDF:847.3/4

Out: 39.856+/-0.193 χ^2/NDF:1183.4/6

All: 39.614+/-0.141 χ^2/NDF: 2034.1/11



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

Left Out: -34.423+/-0.160 χ^2/NDF:935.4/6

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

Left In: -32.881+/-0.170 χ^2/NDF:611.7/4

Left: -33.700+/-0.116 χ^2/NDF: 1590.9/11

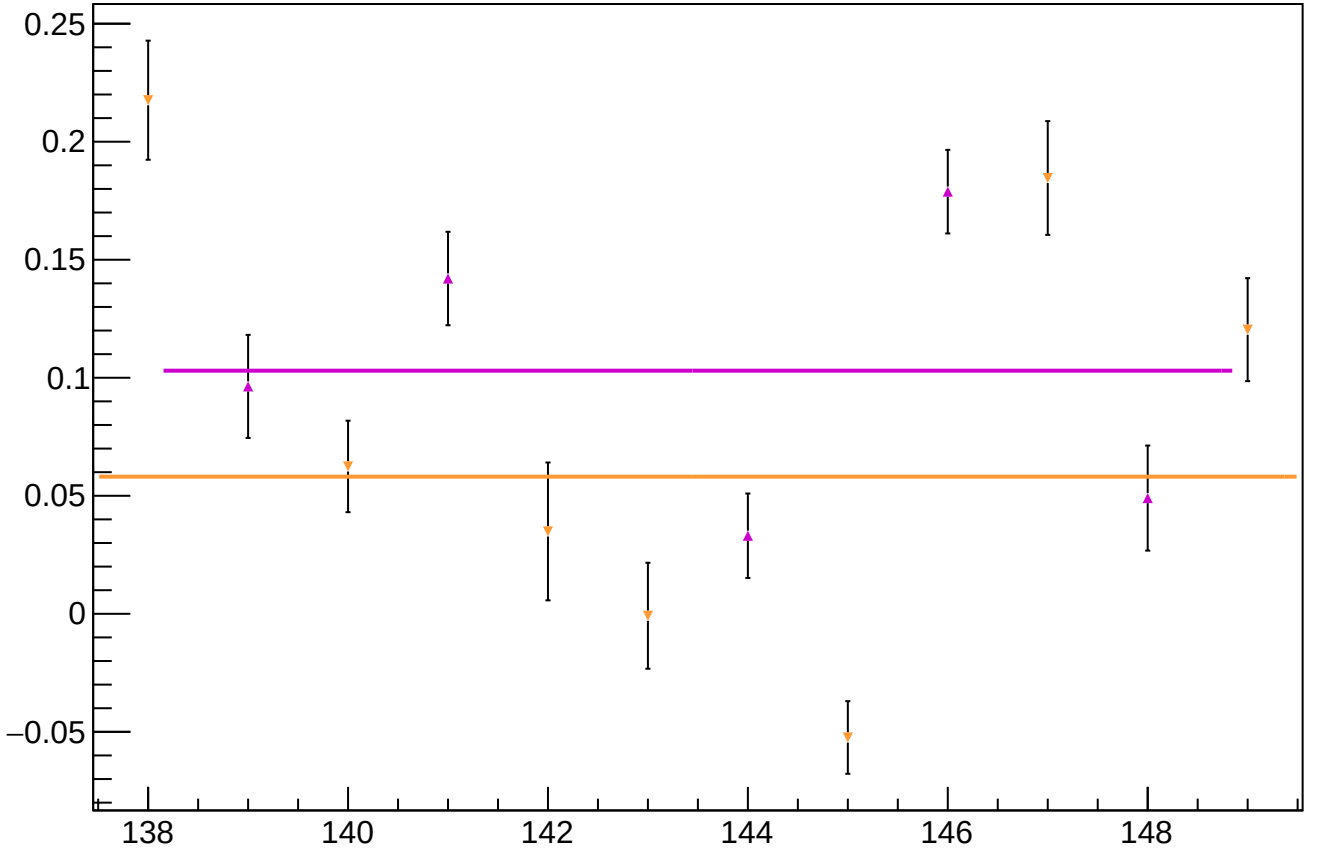
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.881+/-0.170 χ^2/NDF:611.7/4

Out: -34.423+/-0.160 χ^2/NDF:935.4/6

All: -33.700+/-0.116 χ^2/NDF: 1590.9/11

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.058+/-0.008 χ^2/NDF:134.9/6

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

Left In: 0.103+/-0.009 χ^2/NDF:43.5/4

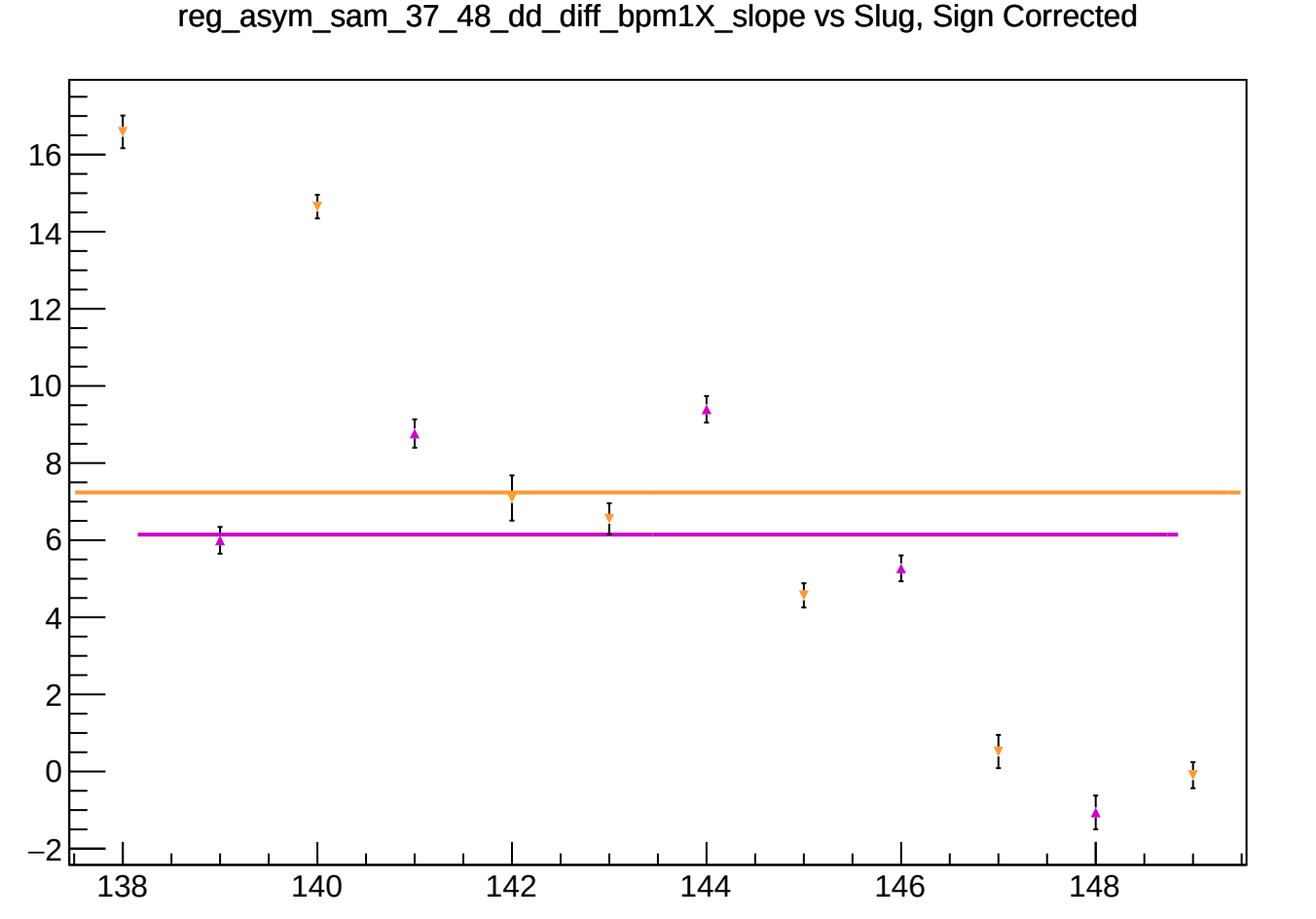
Left: 0.079+/-0.006 χ^2/NDF: 192.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.103+/-0.009 χ^2/NDF:43.5/4

Out: 0.058+/-0.008 χ^2/NDF:134.9/6

All: 0.079+/-0.006 χ^2/NDF: 192.7/11



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

Left Out: 7.237+/-0.142 χ^2/NDF:1862.5/6

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

Left In: 6.145+/-0.162 χ^2/NDF:419.1/4

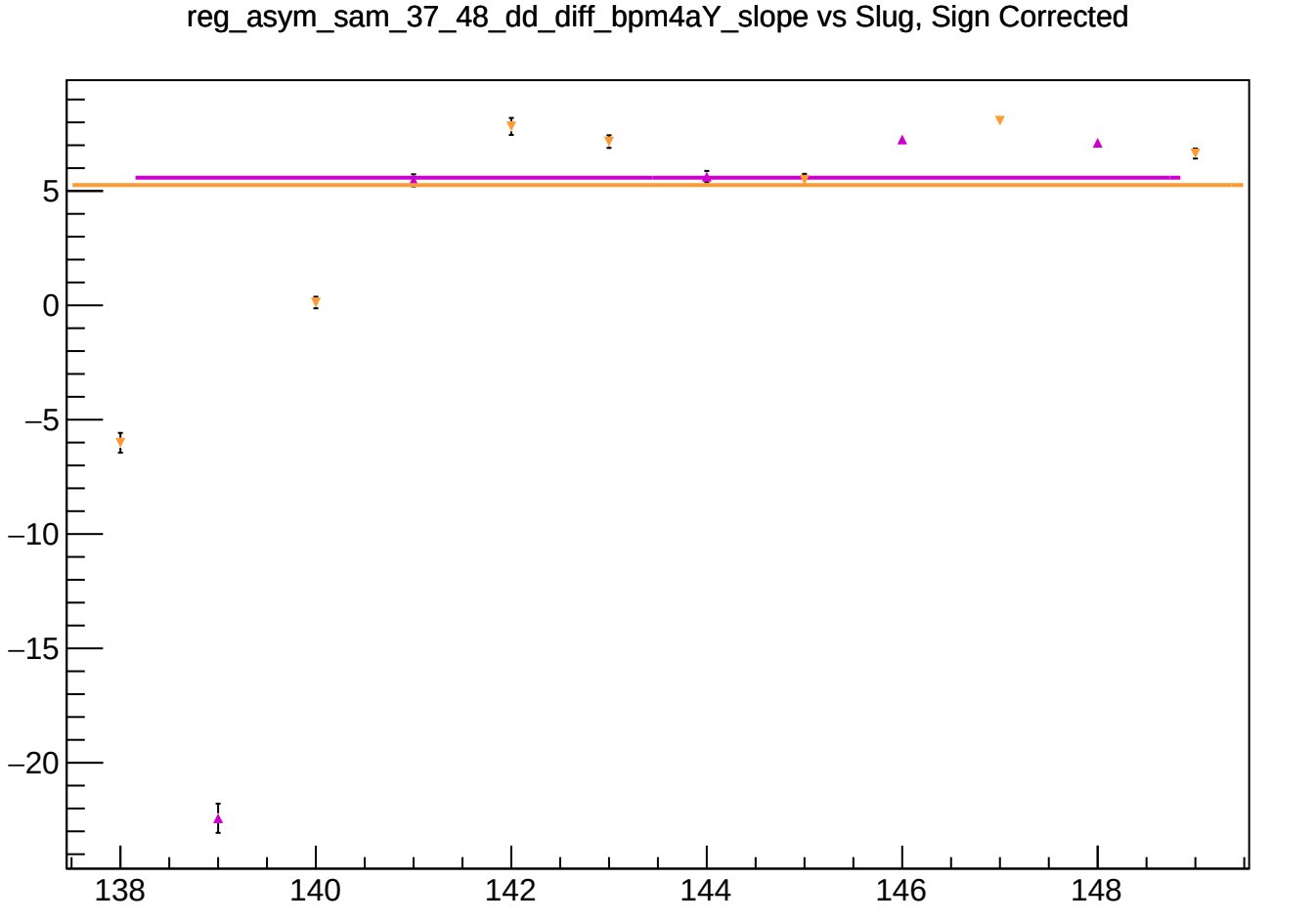
Left: 6.761+/-0.107 χ^2/NDF: 2307.4/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

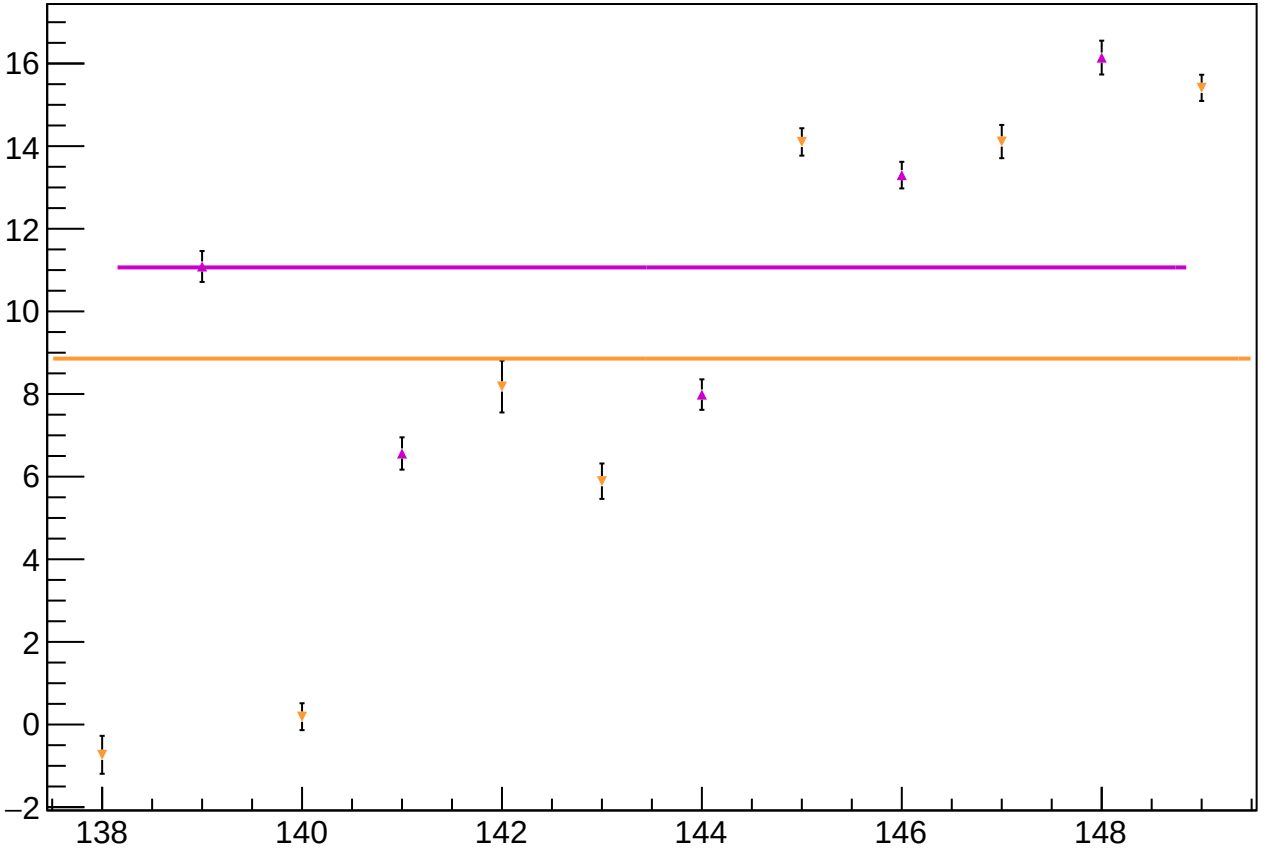
In: 6.145+/-0.162 χ^2/NDF:419.1/4

Out: 7.237+/-0.142 χ^2/NDF:1862.5/6

All: 6.761+/-0.107 χ^2/NDF: 2307.4/11


reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
5
0
−5
−10
−15
−20
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 5.260+/-0.100 χ²/NDF:1413.9/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 5.582+/-0.114 χ²/NDF:2033.1/4
Left: 5.400+/-0.075 χ²/NDF: 3451.5/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 5.582+/-0.114 χ²/NDF:2033.1/4
Out: 5.260+/-0.100 χ²/NDF:1413.9/6
All: 5.400+/-0.075 χ²/NDF: 3451.5/11

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: 8.858+/-0.145 χ^2/NDF:2042.3/6

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

Left In: 11.064+/-0.165 χ^2/NDF:404.3/4

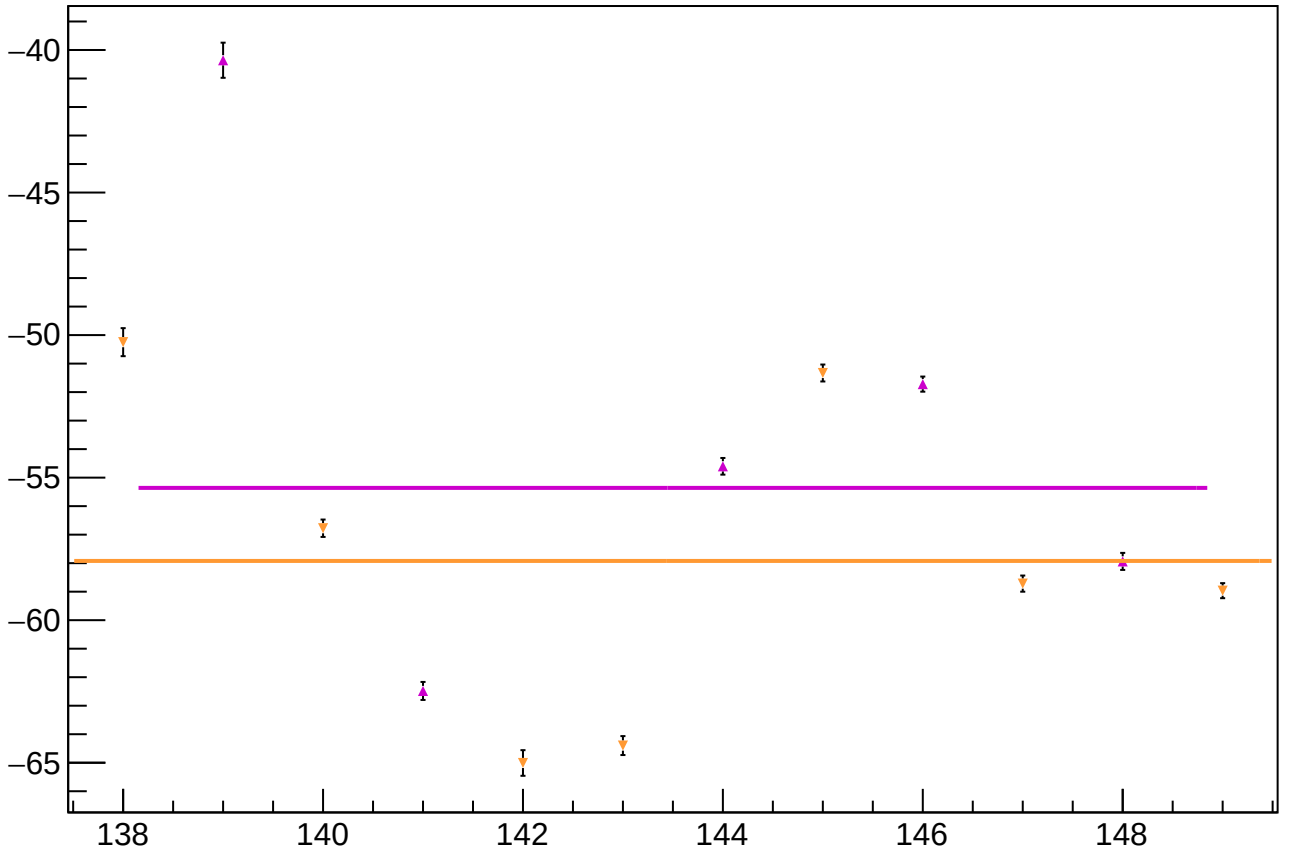
Left: 9.820+/-0.109 χ^2/NDF: 2547.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.064+/-0.165 χ^2/NDF:404.3/4

Out: 8.858+/-0.145 χ^2/NDF:2042.3/6

All: 9.820+/-0.109 χ^2/NDF: 2547.1/11



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

Left Out: -57.922+/-0.122 χ^2/NDF:1402.5/6

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

Left In: -55.360+/-0.142 χ^2/NDF:1370.5/4

Left: -56.830+/-0.092 χ^2/NDF: 2960.7/11

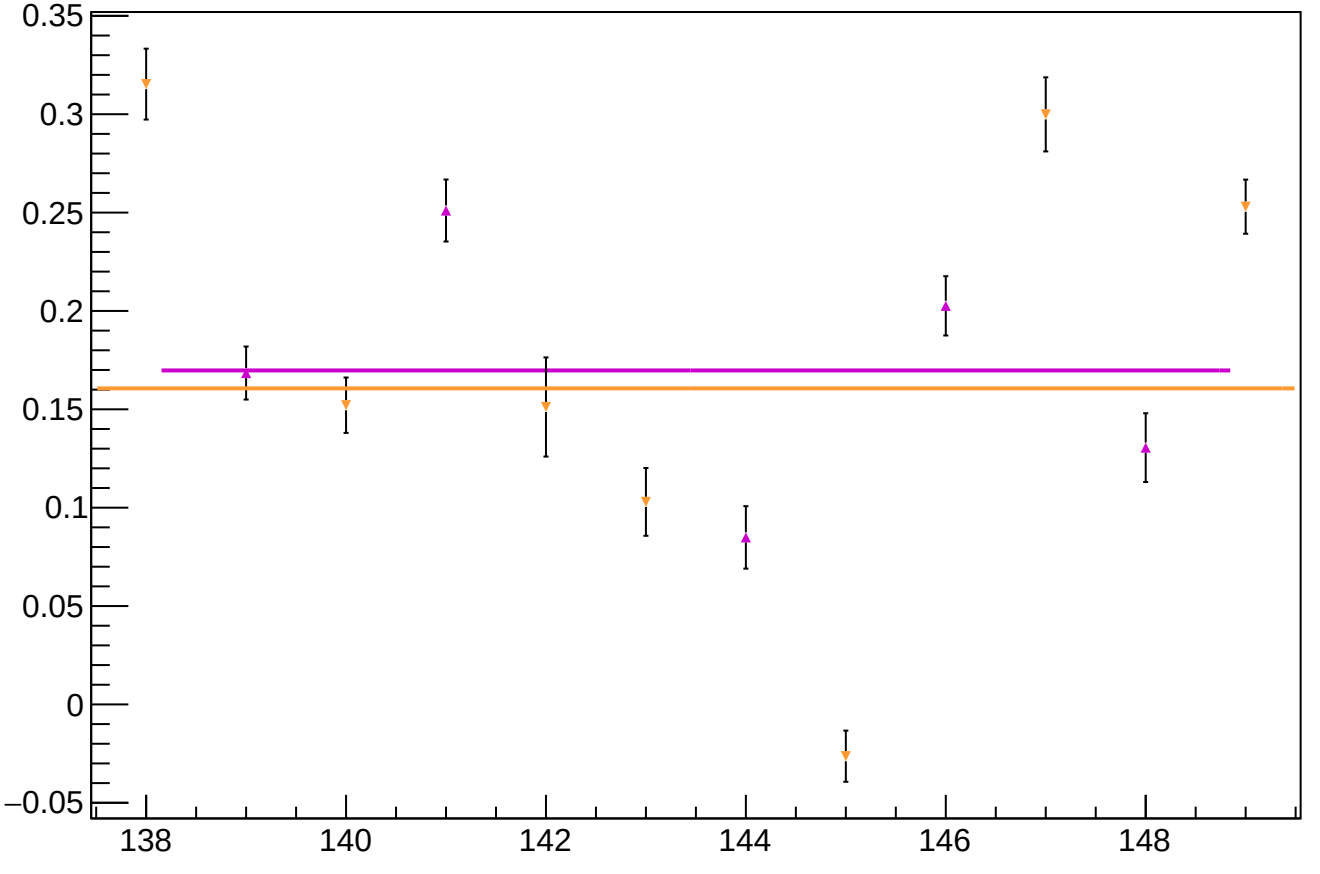
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -55.360+/-0.142 χ^2/NDF:1370.5/4

Out: -57.922+/-0.122 χ^2/NDF:1402.5/6

All: -56.830+/-0.092 χ^2/NDF: 2960.7/11

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: 0.161+/-0.006 χ^2/NDF:391.6/6

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

Left In: 0.170+/-0.007 χ^2/NDF:64.9/4

Left: 0.165+/-0.005 χ^2/NDF: 457.6/11

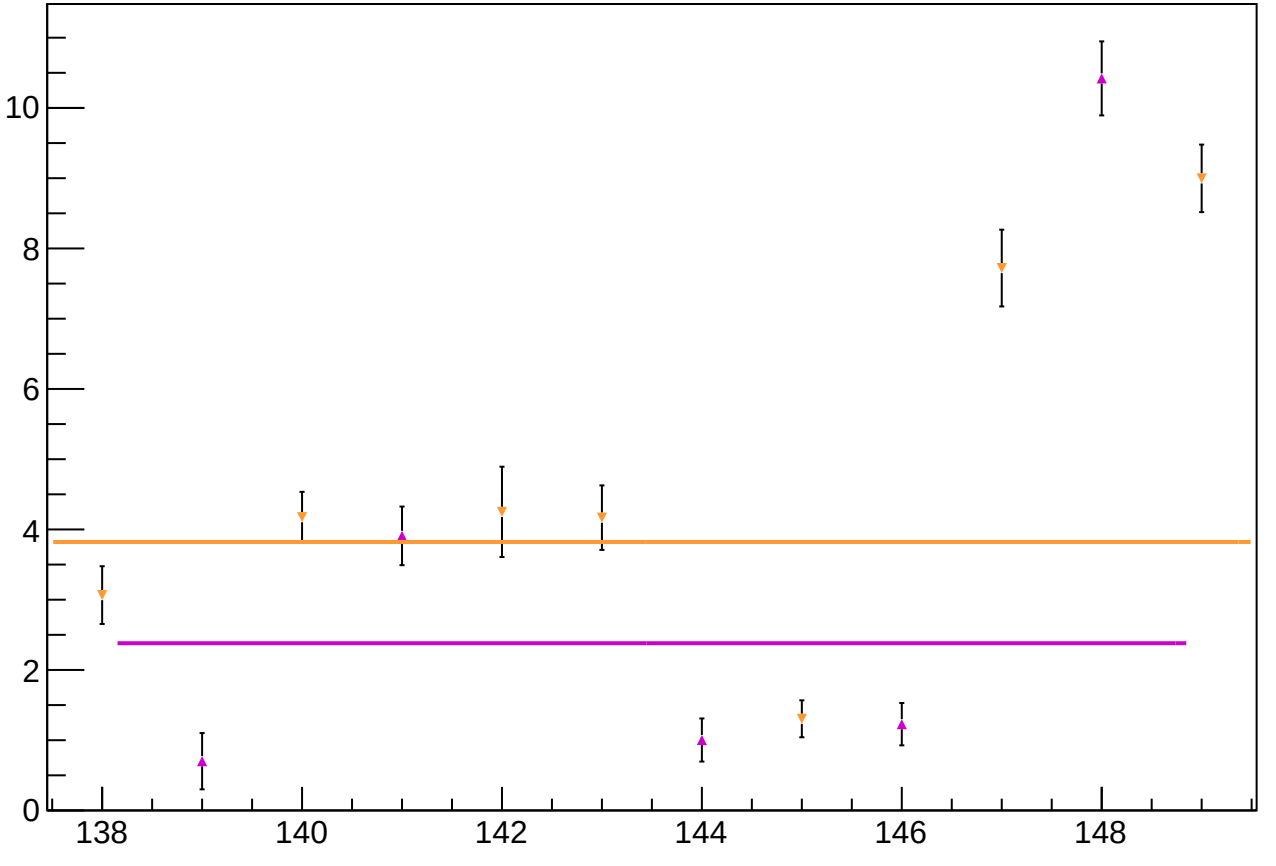
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.170+/-0.007 χ^2/NDF:64.9/4

Out: 0.161+/-0.006 χ^2/NDF:391.6/6

All: 0.165+/-0.005 χ^2/NDF: 457.6/11

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: 3.822+/-0.153 χ^2/NDF:263.9/6

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

Left In: 2.380+/-0.164 χ^2/NDF:298.8/4

Left: 3.152+/-0.112 χ^2/NDF: 604.0/11

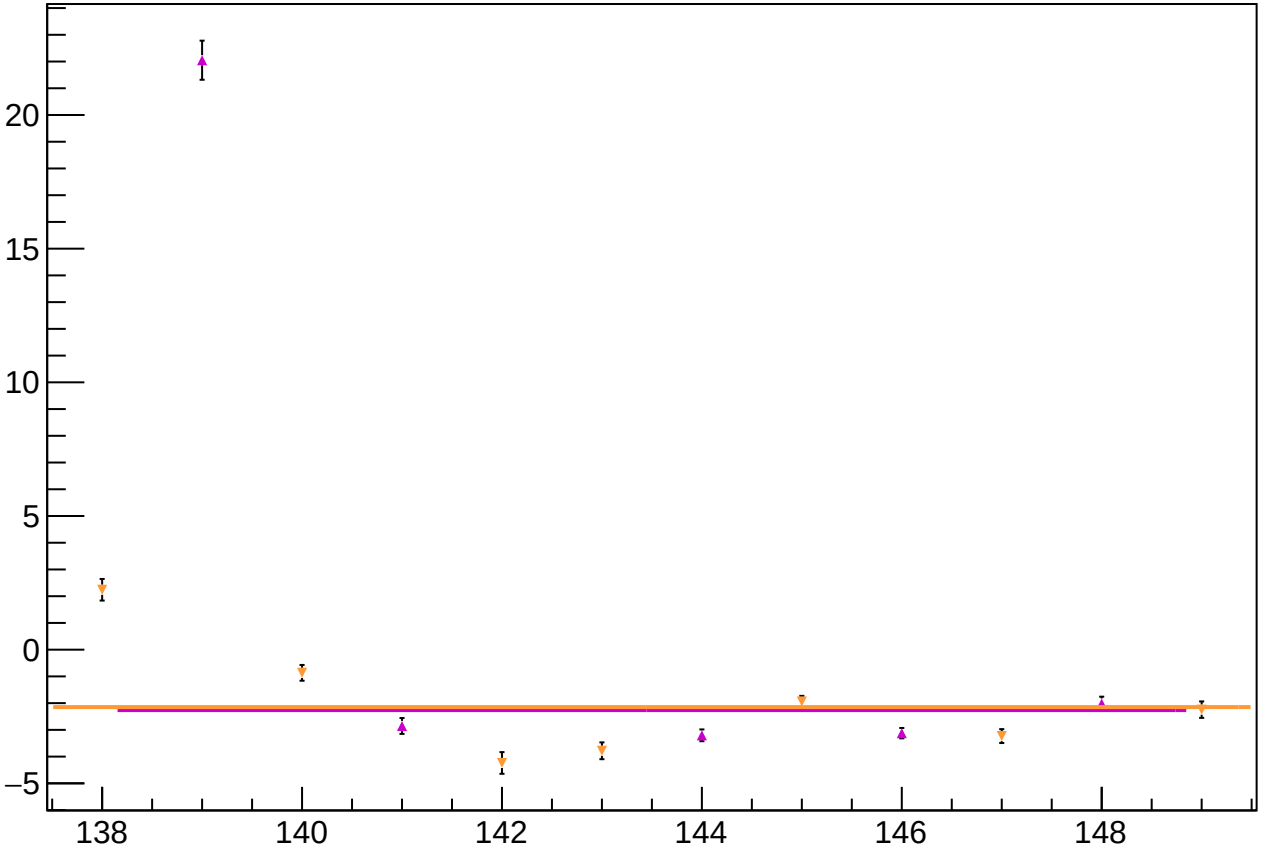
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.380+/-0.164 χ^2/NDF:298.8/4

Out: 3.822+/-0.153 χ^2/NDF:263.9/6

All: 3.152+/-0.112 χ^2/NDF: 604.0/11

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.148+/-0.111 χ^2/NDF:208.8/6

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

Left In: -2.260+/-0.115 χ^2/NDF:1148.8/4

Left: -2.202+/-0.080 χ^2/NDF: 1358.1/11

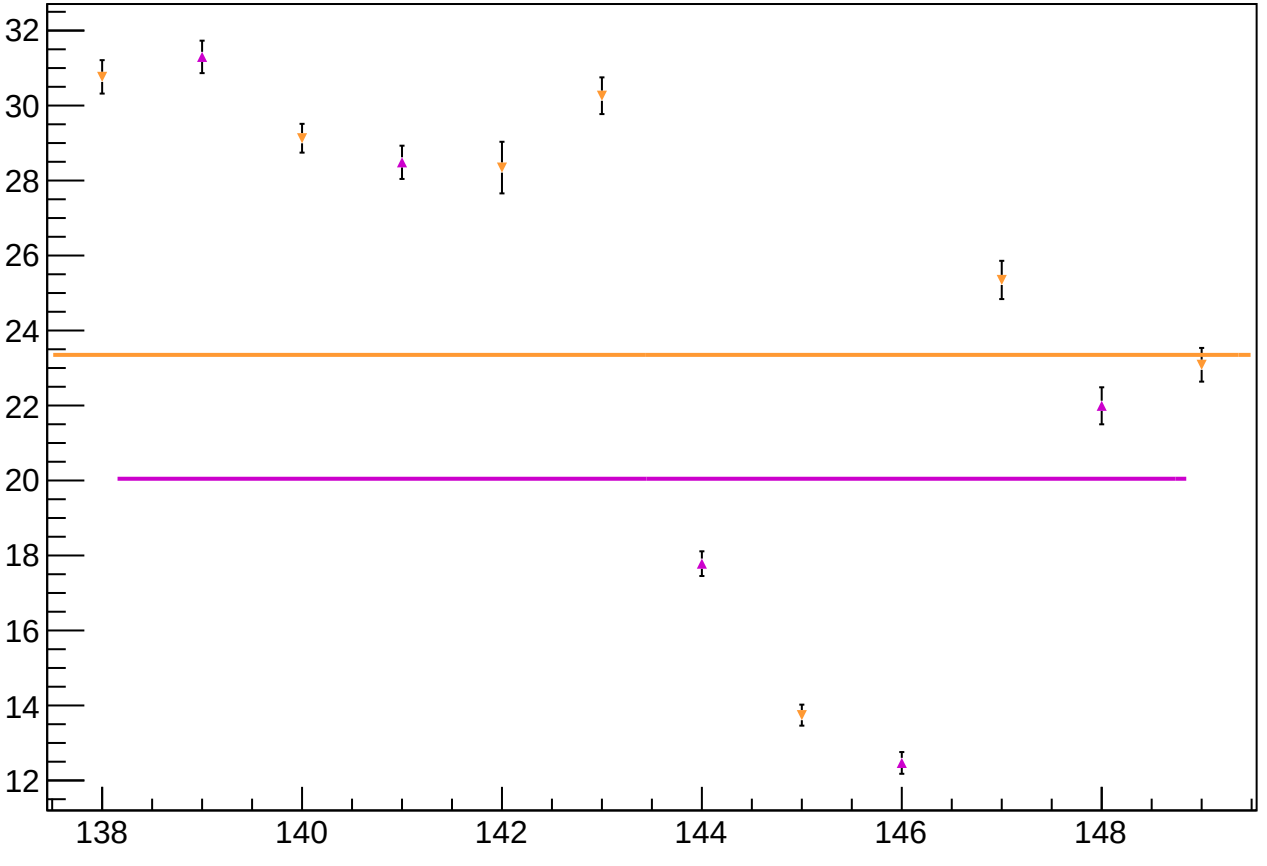
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.260+/-0.115 χ^2/NDF:1148.8/4

Out: -2.148+/-0.111 χ^2/NDF:208.8/6

All: -2.202+/-0.080 χ^2/NDF: 1358.1/11

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 23.350+/-0.159 χ^2/NDF:1945.4/6

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

Left In: 20.047+/-0.168 χ^2/NDF:1783.8/4

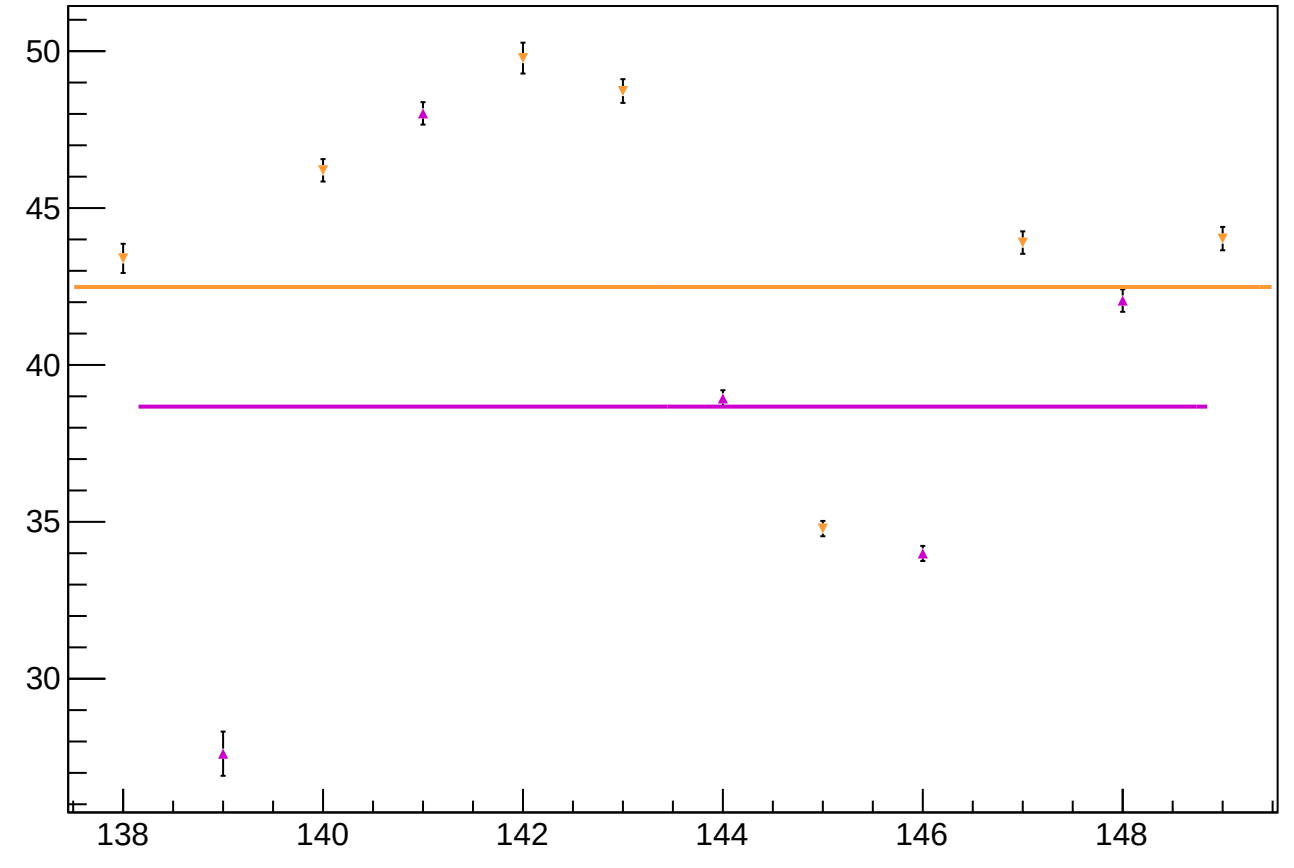
Left: 21.786+/-0.115 χ^2/NDF: 3933.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.047+/-0.168 χ^2/NDF:1783.8/4

Out: 23.350+/-0.159 χ^2/NDF:1945.4/6

All: 21.786+/-0.115 χ^2/NDF: 3933.9/11



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

Left Out: 42.485+/-0.134 χ^2/NDF:1633.7/6

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

Left In: 38.672+/-0.142 χ^2/NDF:1397.6/4

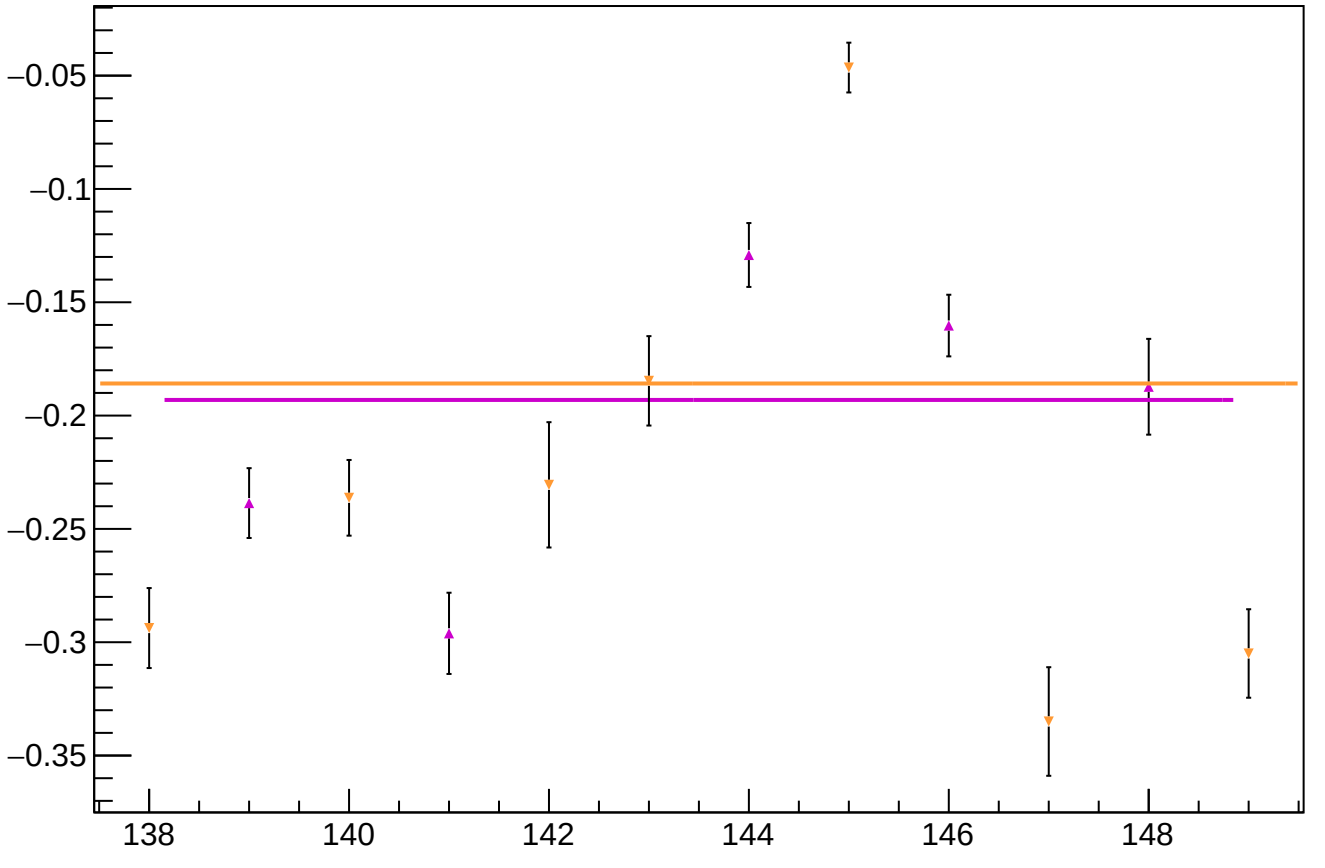
Left: 40.685+/-0.098 χ^2/NDF: 3411.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 38.672+/-0.142 χ^2/NDF:1397.6/4

Out: 42.485+/-0.134 χ^2/NDF:1633.7/6

All: 40.685+/-0.098 χ^2/NDF: 3411.8/11



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

Left Out: -0.186+/-0.007 χ^2/NDF:286.2/6

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

Left In: -0.193+/-0.007 χ^2/NDF:68.2/4

Left: -0.189+/-0.005 χ^2/NDF: 355.0/11

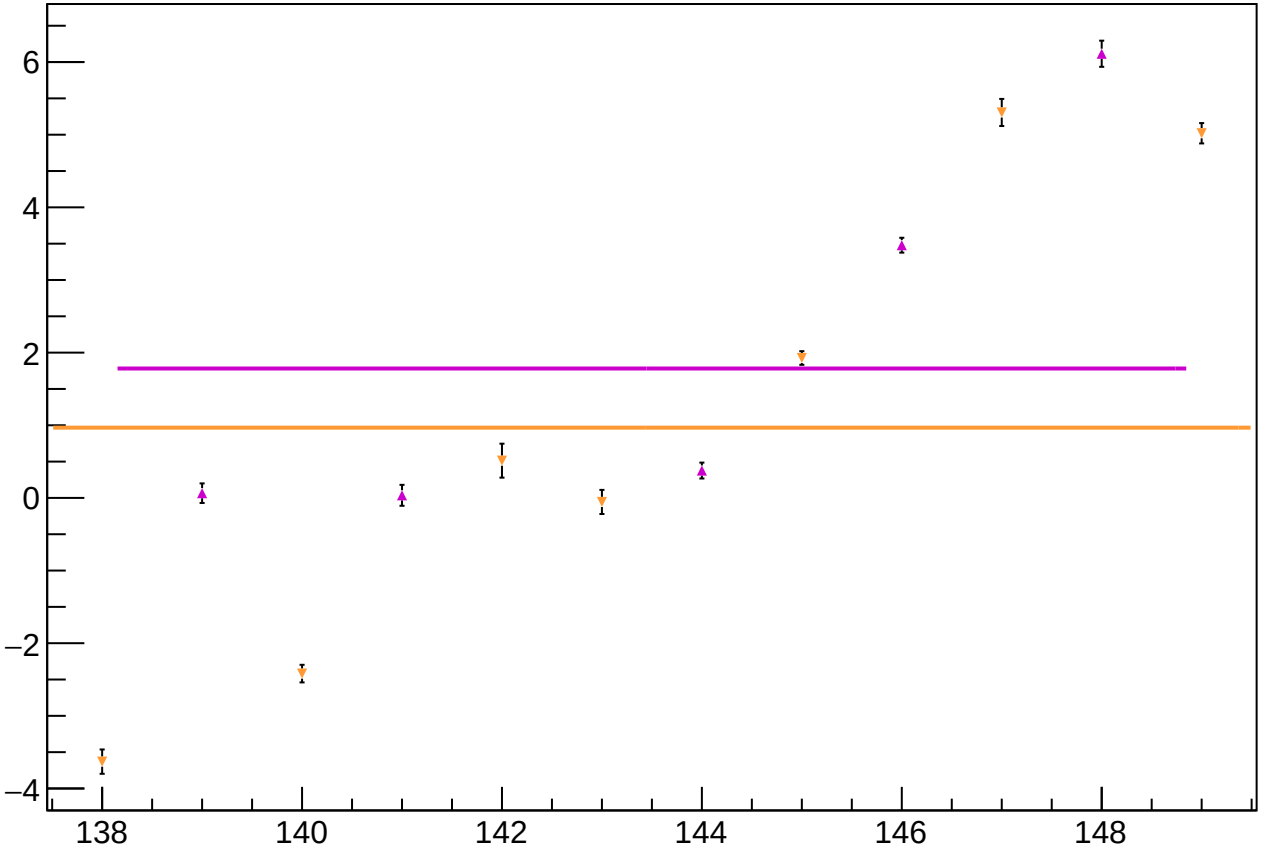
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.193+/-0.007 χ^2/NDF:68.2/4

Out: -0.186+/-0.007 χ^2/NDF:286.2/6

All: -0.189+/-0.005 χ^2/NDF: 355.0/11

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: 0.967+/-0.053 χ^2/NDF:3059.5/6

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

Left In: 1.782+/-0.057 χ^2/NDF:1328.5/4

Left: 1.351+/-0.039 χ^2/NDF: 4497.8/11

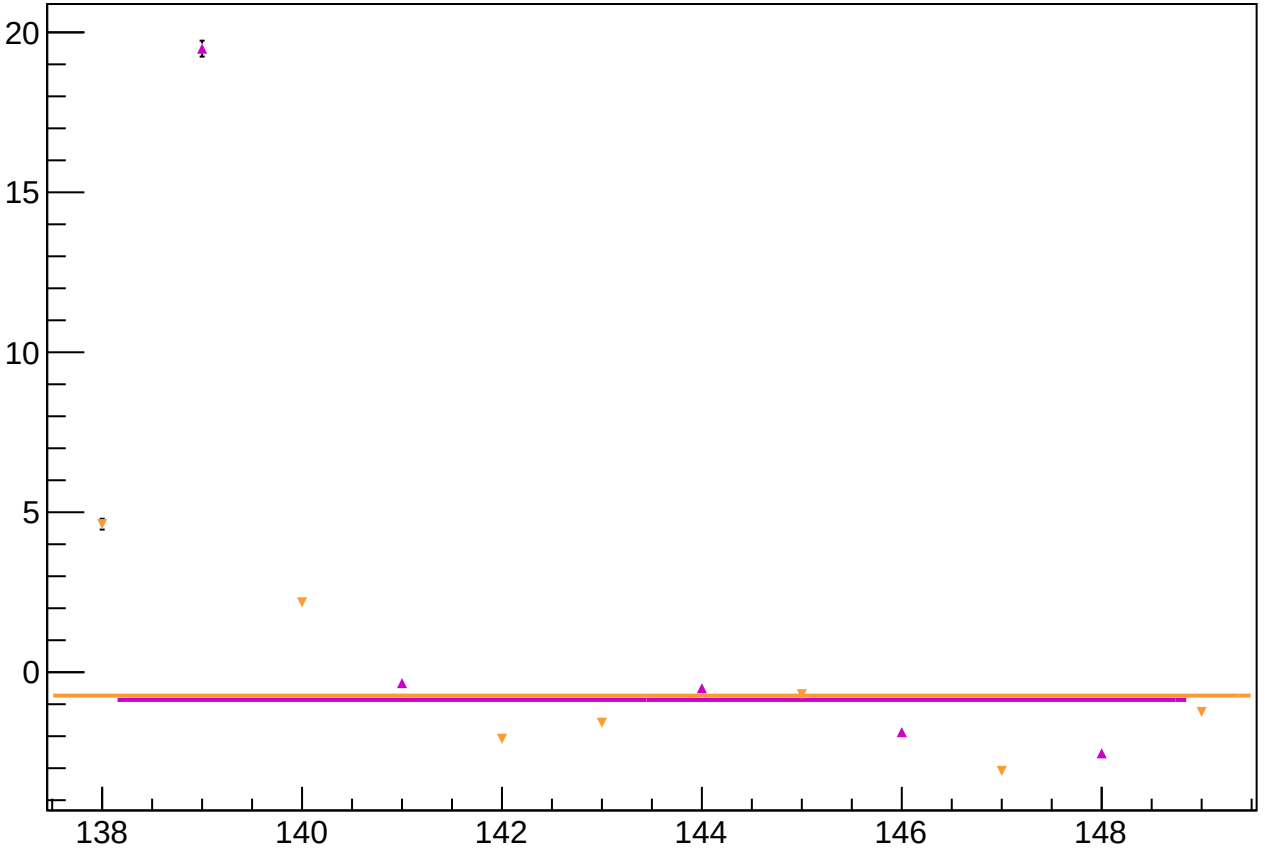
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.782+/-0.057 χ^2/NDF:1328.5/4

Out: 0.967+/-0.053 χ^2/NDF:3059.5/6

All: 1.351+/-0.039 χ^2/NDF: 4497.8/11

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: -0.731+/-0.038 χ^2/NDF:2714.6/6

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

Left In: -0.867+/-0.040 χ^2/NDF:7300.2/4

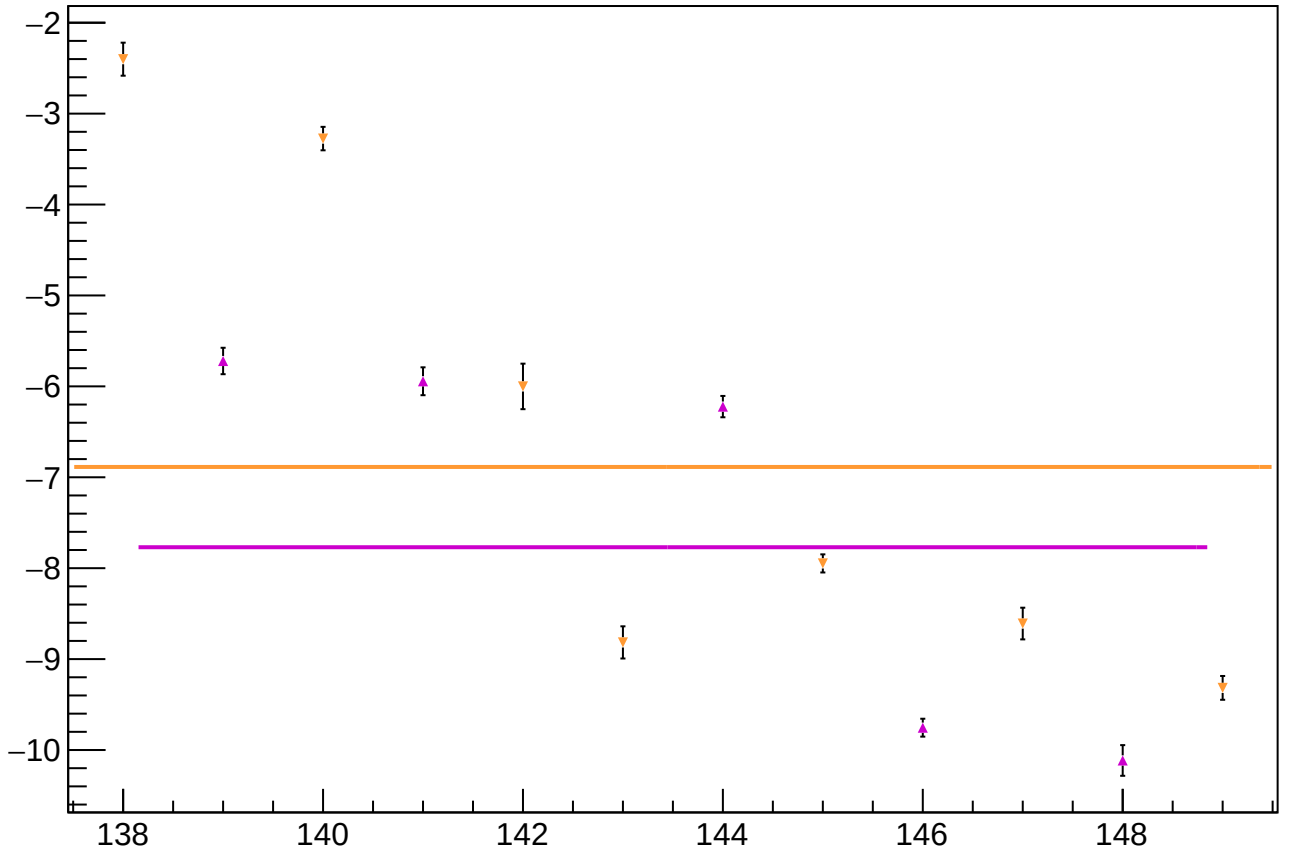
Left: -0.796+/-0.028 χ^2/NDF: 10020.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.867+/-0.040 χ^2/NDF:7300.2/4

Out: -0.731+/-0.038 χ^2/NDF:2714.6/6

All: -0.796+/-0.028 χ^2/NDF: 10020.8/11



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

Left Out: -6.887+/-0.055 χ^2/NDF:2080.7/6

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

Left In: -7.769+/-0.058 χ^2/NDF:1113.8/4

Left: -7.307+/-0.040 χ^2/NDF: 3317.2/11

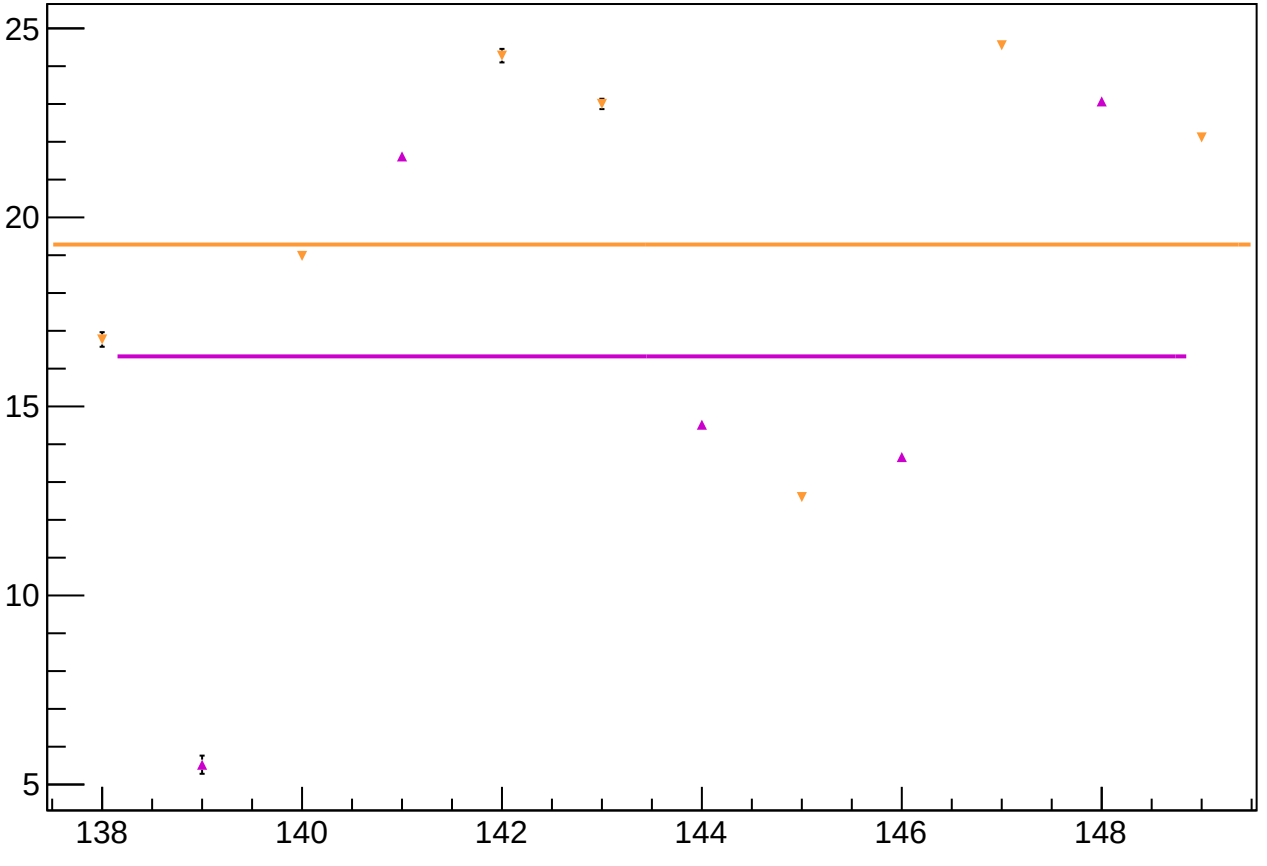
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.769+/-0.058 χ^2/NDF:1113.8/4

Out: -6.887+/-0.055 χ^2/NDF:2080.7/6

All: -7.307+/-0.040 χ^2/NDF: 3317.2/11

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: 19.283+/-0.047 χ^2/NDF:9947.0/6

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

Left In: 16.324+/-0.049 χ^2/NDF:8261.1/4

Left: 17.884+/-0.034 χ^2/NDF: 20108.8/11

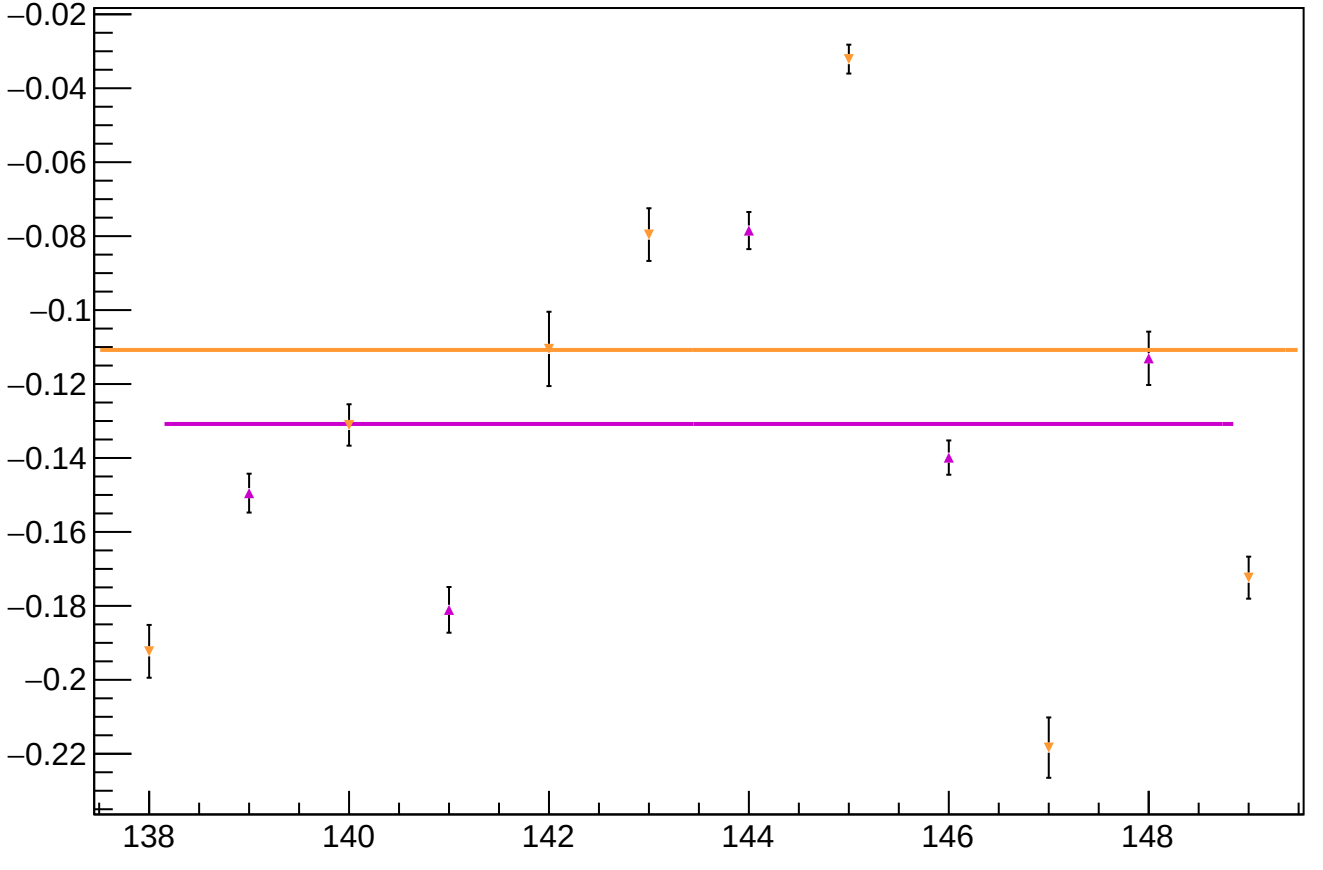
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.324+/-0.049 χ^2/NDF:8261.1/4

Out: 19.283+/-0.047 χ^2/NDF:9947.0/6

All: 17.884+/-0.034 χ^2/NDF: 20108.8/11

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: -0.111+/-0.002 χ^2/NDF:858.9/6

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

Left In: -0.131+/-0.002 χ^2/NDF:197.3/4

Left: -0.120+/-0.002 χ^2/NDF: 1092.1/11

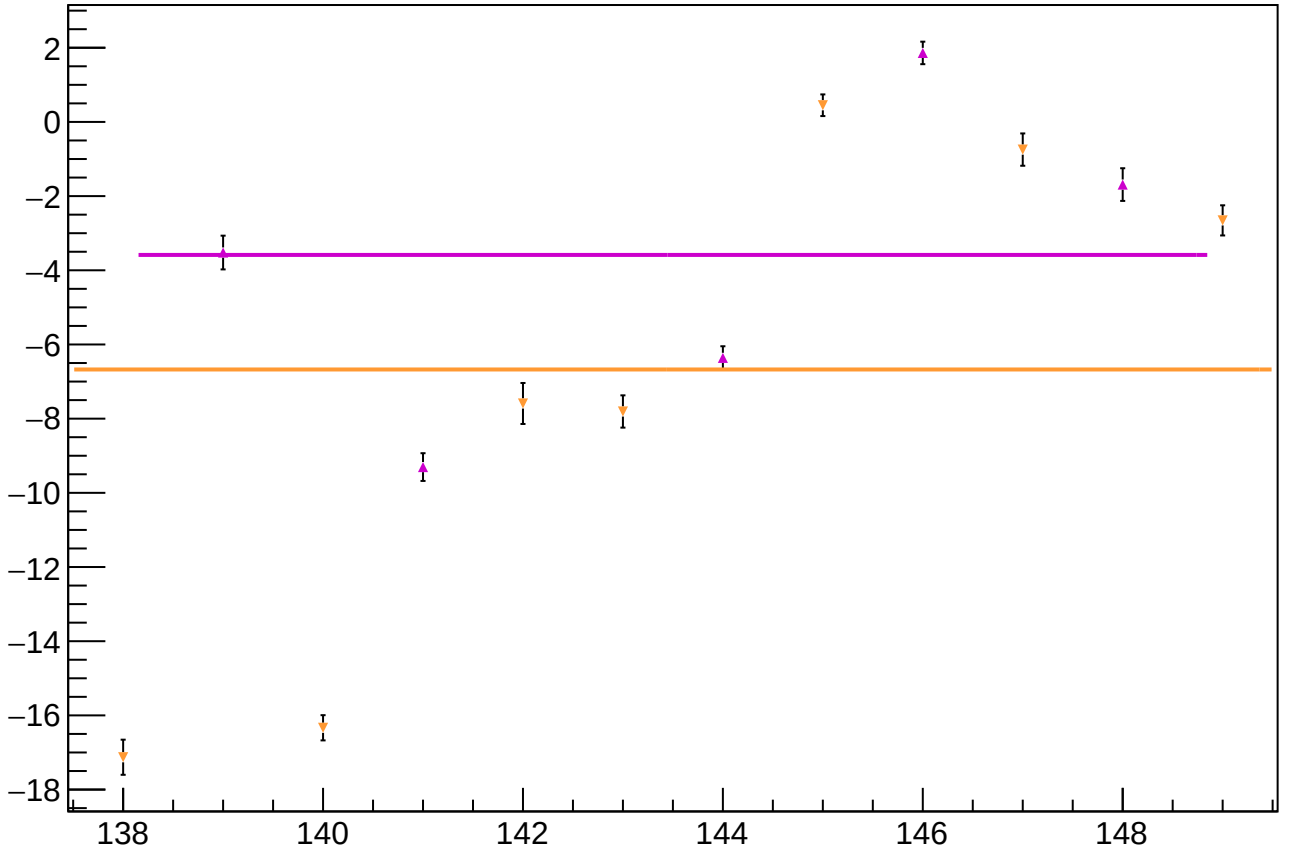
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.131+/-0.002 χ^2/NDF:197.3/4

Out: -0.111+/-0.002 χ^2/NDF:858.9/6

All: -0.120+/-0.002 χ^2/NDF: 1092.1/11

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.674+/-0.150 χ^2/NDF:2182.5/6

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

Left In: -3.586+/-0.162 χ^2/NDF:653.4/4

Left: -5.251+/-0.110 χ^2/NDF: 3032.5/11

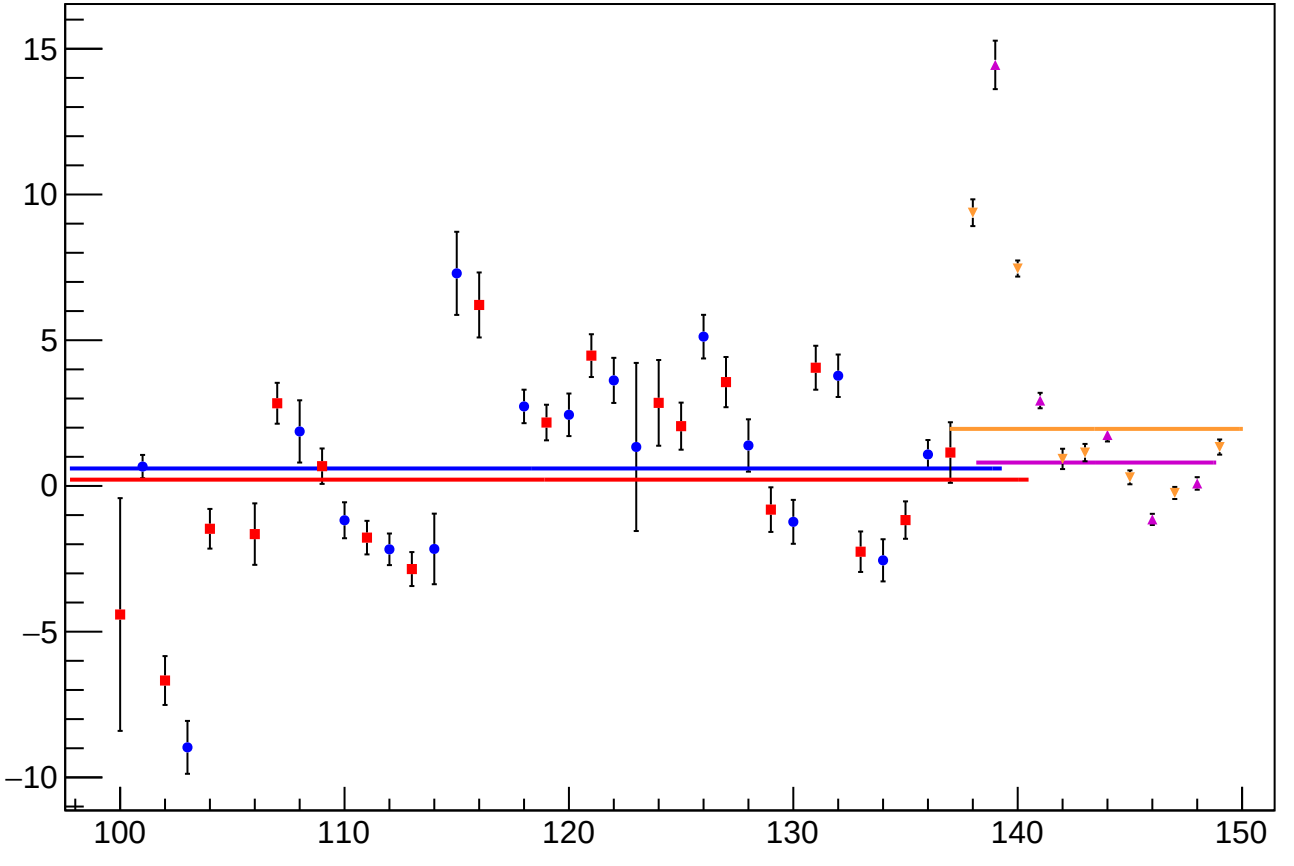
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.586+/-0.162 χ^2/NDF:653.4/4

Out: -6.674+/-0.150 χ^2/NDF:2182.5/6

All: -5.251+/-0.110 χ^2/NDF: 3032.5/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600+/-0.169 χ^2/NDF: 291.9/16

Left Out: 1.958+/-0.104 χ^2/NDF:840.3/6

Right Out: 0.216+/-0.175 χ^2/NDF: 274.5/18

Left In: 0.803+/-0.109 χ^2/NDF:466.9/4

Left: 1.407+/-0.075 χ^2/NDF: 1366.3/11

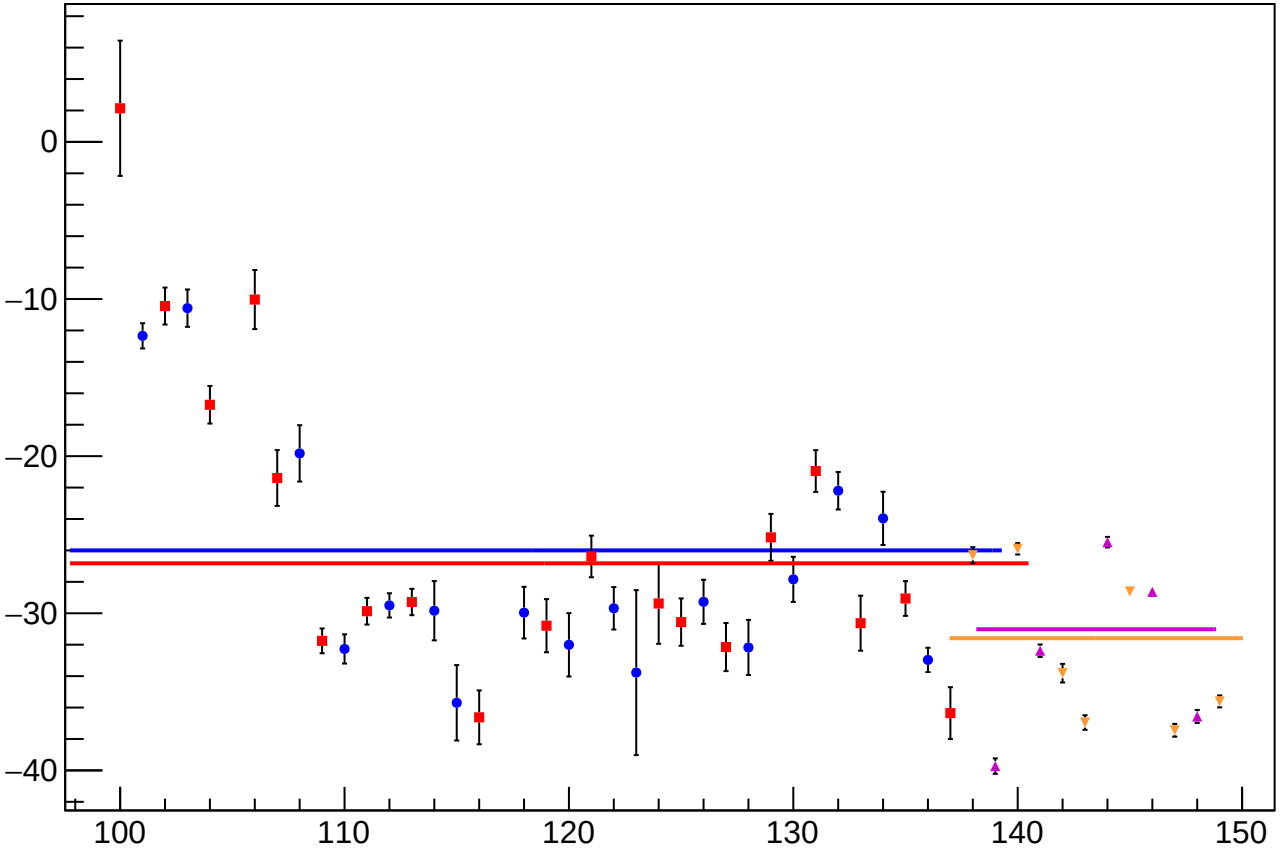
Right: 0.414+/-0.122 χ^2/NDF: 568.9/35

In: 0.743+/-0.091 χ^2/NDF:759.9/21

Out: 1.504+/-0.089 χ^2/NDF:1188.3/25

All: 1.133+/-0.064 χ^2/NDF: 1983.6/47

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: -31.586+/-0.154 χ^2/NDF:912.9/6

Right Out: -26.821+/-0.298 χ^2/NDF: 580.9/18

Left In: -31.017+/-0.164 χ^2/NDF:846.5/4

Left: -31.321+/-0.112 χ^2/NDF: 1765.8/11

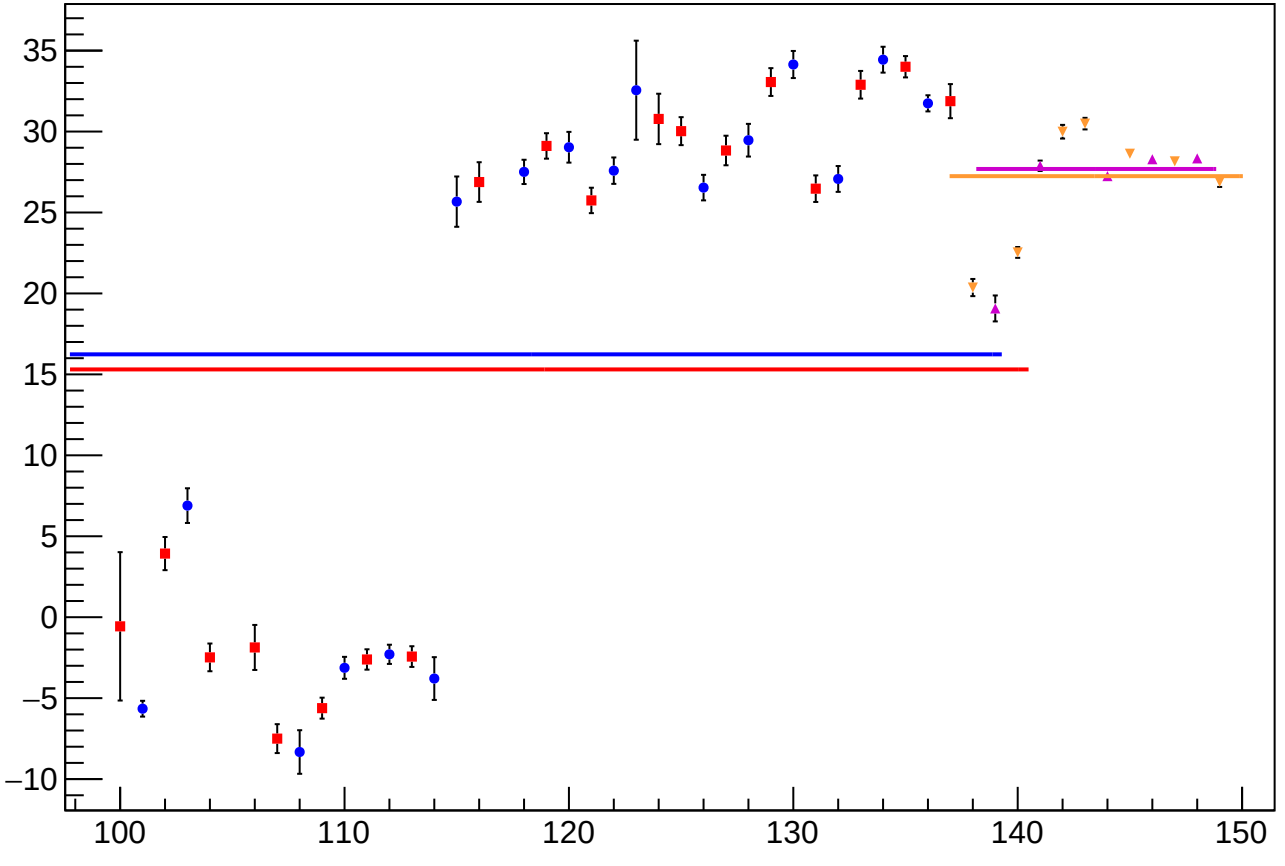
Right: -26.413+/-0.211 χ^2/NDF: 1277.3/35

In: -29.858+/-0.144 χ^2/NDF:1754.2/21

Out: -30.583+/-0.137 χ^2/NDF:1696.2/25

All: -30.240+/-0.099 χ^2/NDF: 3463.8/47

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237+/-0.191 χ^2/NDF: 7579.9/16

Left Out: 27.245+/-0.127 χ^2/NDF:528.6/6

Right Out: 15.306+/-0.197 χ^2/NDF: 7271.7/18

Left In: 27.689+/-0.136 χ^2/NDF:129.8/4

Left: 27.453+/-0.093 χ^2/NDF: 664.1/11

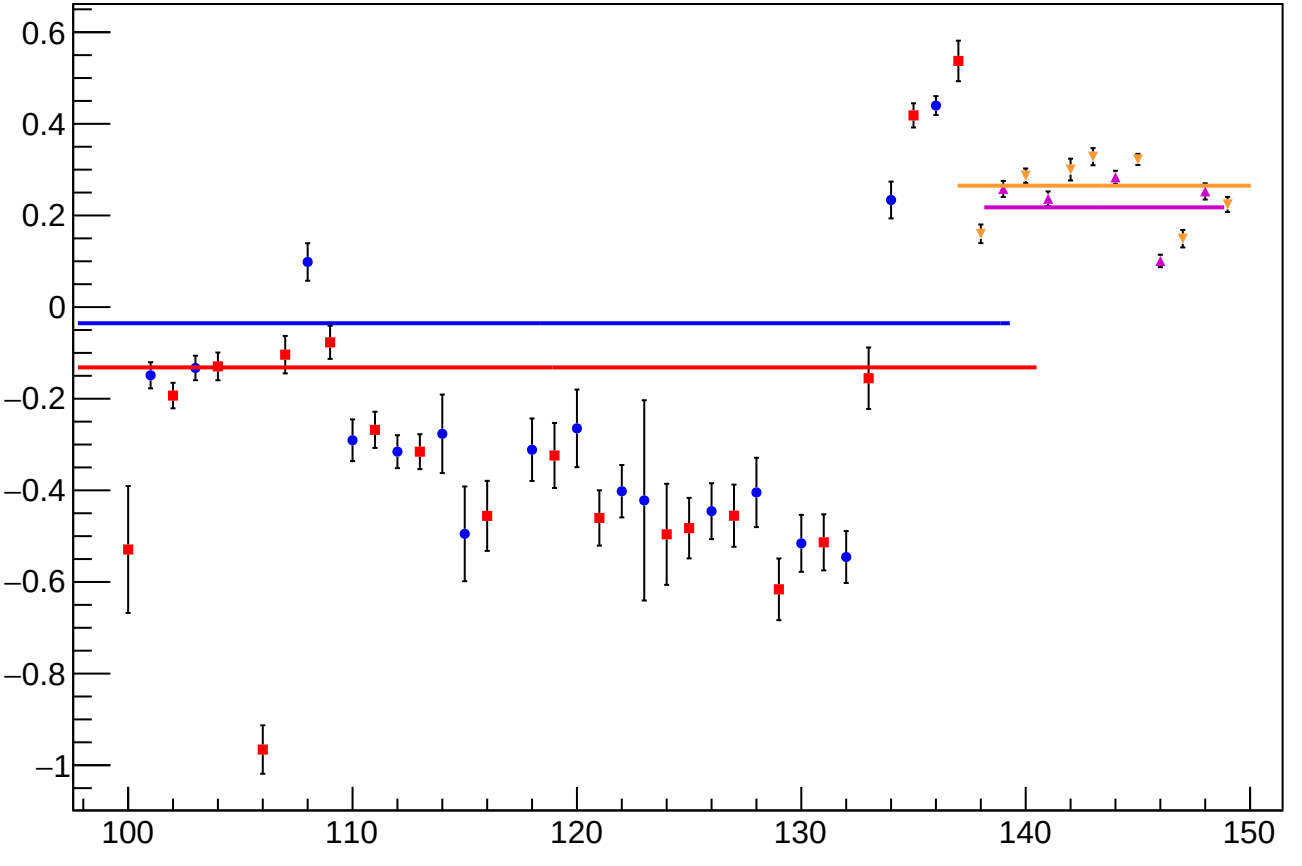
Right: 15.785+/-0.137 χ^2/NDF: 14863.2/35

In: 23.854+/-0.111 χ^2/NDF:10091.2/21

Out: 23.721+/-0.107 χ^2/NDF:10390.1/25

All: 23.786+/-0.077 χ^2/NDF: 20482.0/47

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: 0.265+/-0.006 χ^2/NDF:107.4/6

Right Out: -0.132+/-0.010 χ^2/NDF: 1169.8/18

Left In: 0.218+/-0.007 χ^2/NDF:104.2/4

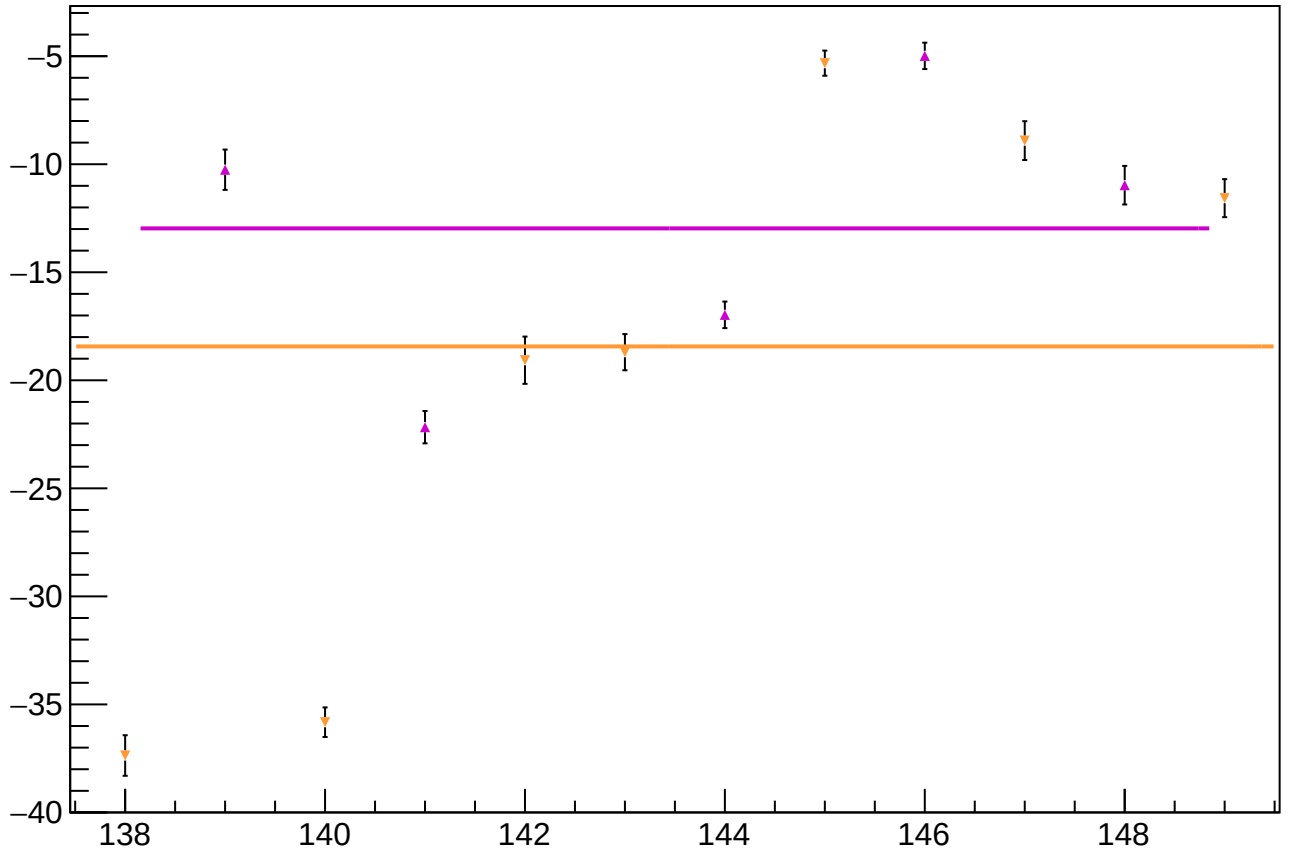
Left: 0.243+/-0.005 χ^2/NDF: 236.4/11

Right: -0.083+/-0.007 χ^2/NDF: 2226.9/35

In: 0.138+/-0.006 χ^2/NDF:1529.4/21

Out: 0.155+/-0.005 χ^2/NDF:2336.3/25

All: 0.147+/-0.004 χ^2/NDF: 3870.2/47



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

Left Out: -18.433+/-0.301 χ^2/NDF:1733.2/6

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

Left In: -12.970+/-0.324 χ^2/NDF:378.1/4

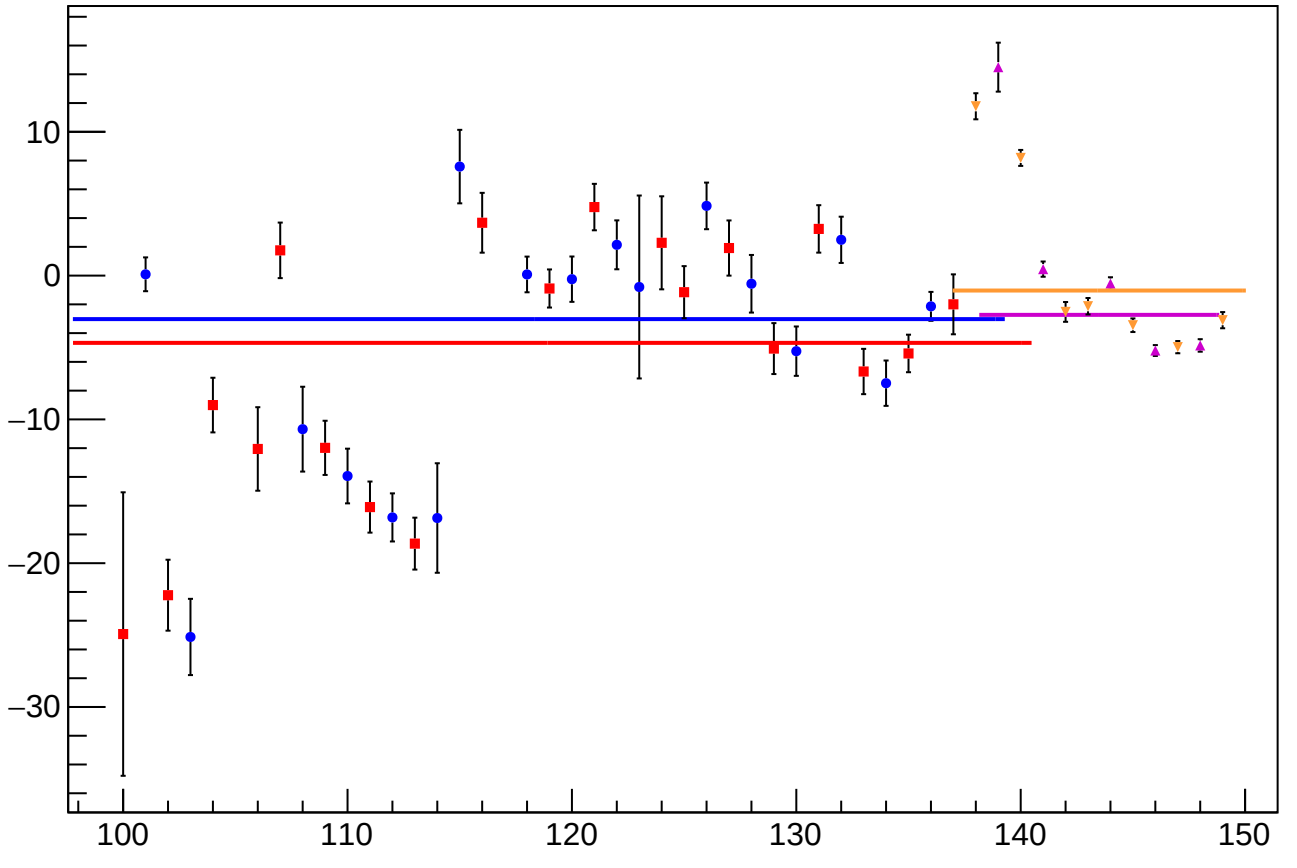
Left: -15.900+/-0.221 χ^2/NDF: 2263.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.970+/-0.324 χ^2/NDF:378.1/4

Out: -18.433+/-0.301 χ^2/NDF:1733.2/6

All: -15.900+/-0.221 χ^2/NDF: 2263.7/11



Right In: -3.025+/-0.408 χ^2/NDF: 280.6/16

Left Out: -1.038+/-0.210 χ^2/NDF:609.0/6

Right Out: -4.678+/-0.426 χ^2/NDF: 299.1/18

Left In: -2.730+/-0.216 χ^2/NDF:230.2/4

Left: -1.858+/-0.150 χ^2/NDF: 870.7/11

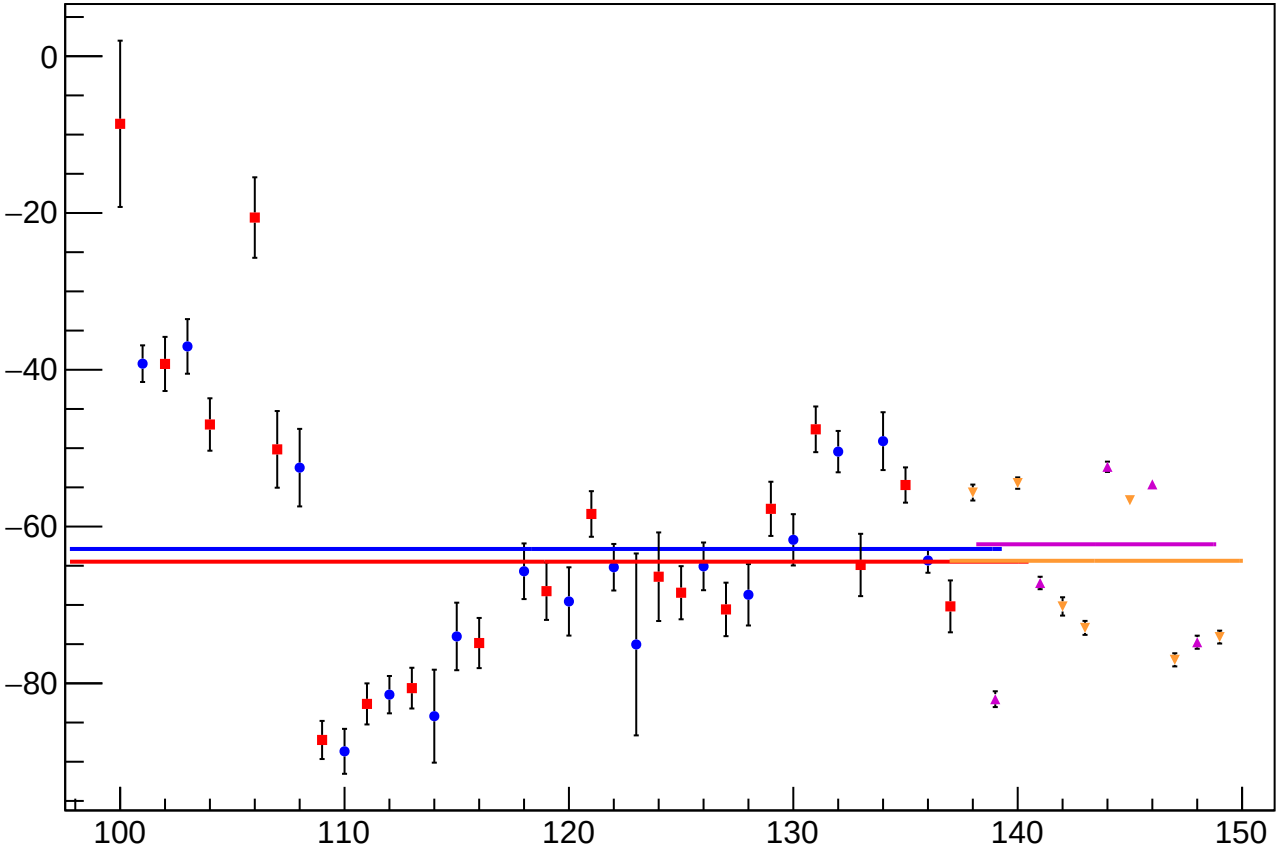
Right: -3.816+/-0.295 χ^2/NDF: 587.6/35

In: -2.795+/-0.191 χ^2/NDF:511.2/21

Out: -1.746+/-0.188 χ^2/NDF:966.8/25

All: -2.263+/-0.134 χ^2/NDF: 1493.3/47

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: -64.367+/-0.311 χ^2/NDF:898.4/6

Right Out: -64.480+/-0.751 χ^2/NDF: 444.0/18

Left In: -62.262+/-0.330 χ^2/NDF:1040.7/4

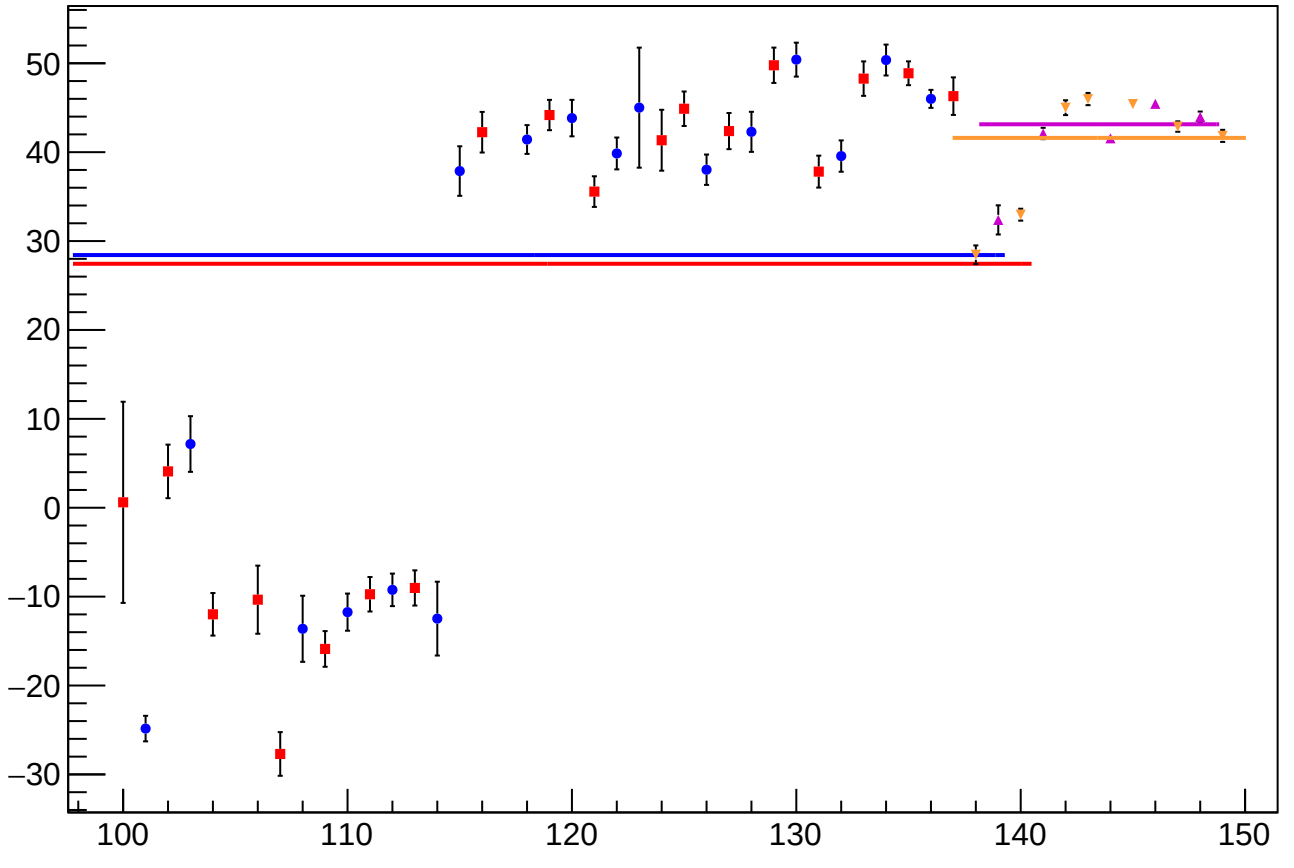
Left: -63.376+/-0.226 χ^2/NDF: 1960.7/11

Right: -63.656+/-0.527 χ^2/NDF: 814.1/35

In: -62.361+/-0.301 χ^2/NDF:1408.9/21

Out: -64.383+/-0.287 χ^2/NDF:1342.4/25

All: -63.420+/-0.208 χ^2/NDF: 2775.0/47



Right In: 28.426+/-0.458 χ^2/NDF: 3322.4/16

Left Out: 41.606+/-0.257 χ^2/NDF:433.2/6

Right Out: 27.445+/-0.478 χ^2/NDF: 3033.4/18

Left In: 43.138+/-0.271 χ^2/NDF:80.1/4

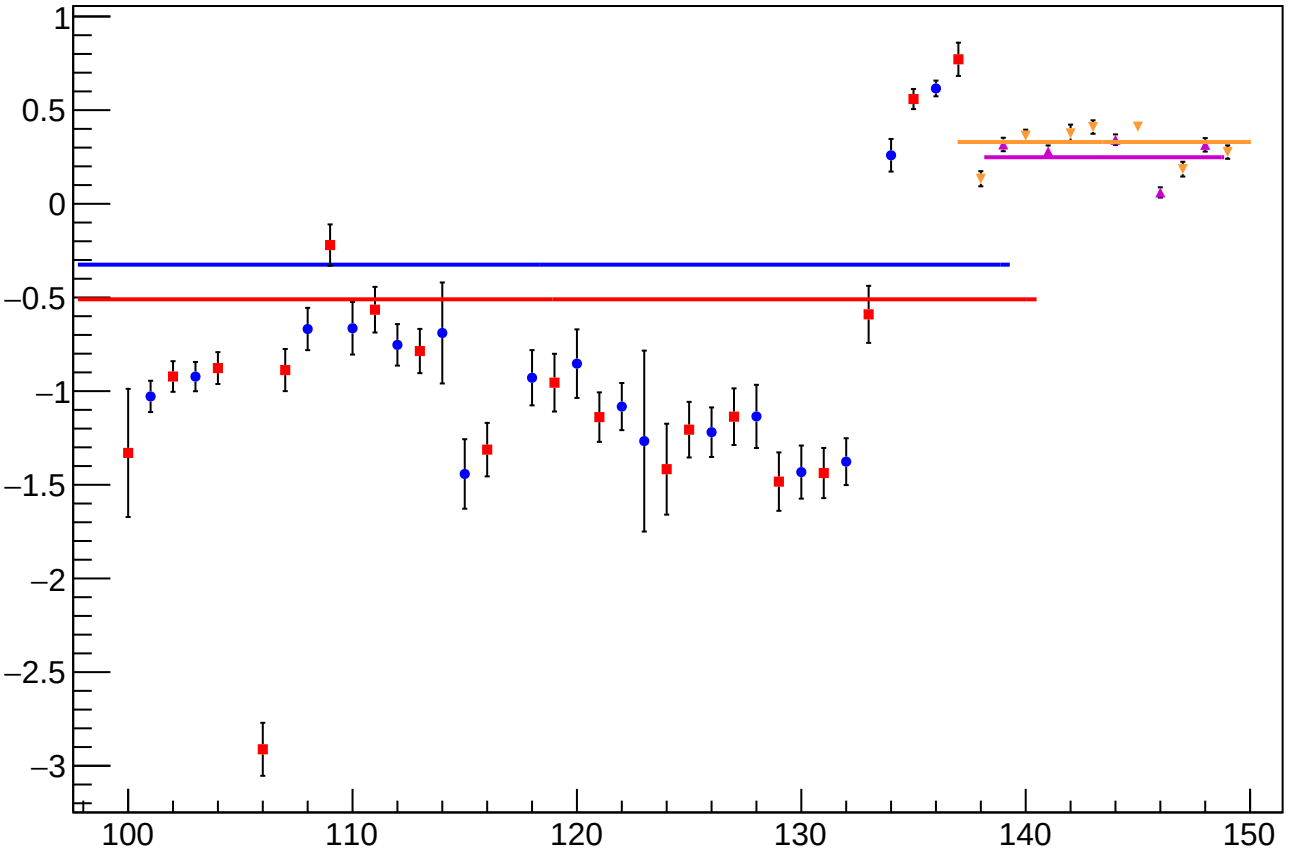
Left: 42.333+/-0.186 χ^2/NDF: 530.1/11

Right: 27.957+/-0.331 χ^2/NDF: 6358.0/35

In: 39.328+/-0.233 χ^2/NDF:4167.8/21

Out: 38.427+/-0.227 χ^2/NDF:4146.4/25

All: 38.865+/-0.162 χ^2/NDF: 8321.9/47



Right In: -0.325+/-0.025 χ^2/NDF: 1011.7/16

Left Out: 0.330+/-0.013 χ^2/NDF:57.8/6

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.1/18

Left In: 0.249+/-0.014 χ^2/NDF:65.7/4

Left: 0.292+/-0.010 χ^2/NDF: 141.6/11

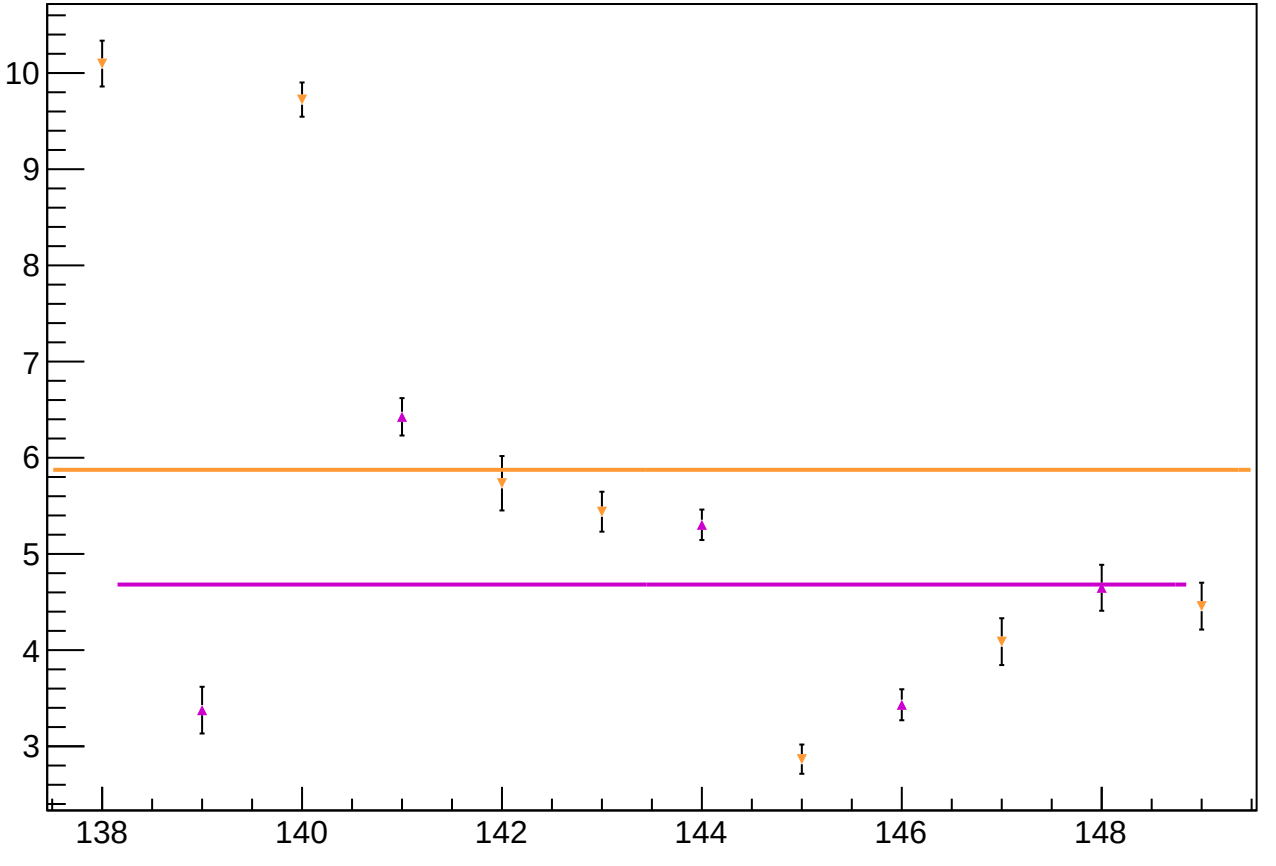
Right: -0.415+/-0.018 χ^2/NDF: 2207.5/35

In: 0.111+/-0.012 χ^2/NDF:1479.6/21

Out: 0.160+/-0.012 χ^2/NDF:2078.6/25

All: 0.137+/-0.008 χ^2/NDF: 3566.7/47

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 5.875+/-0.079 χ^2/NDF:1264.9/6

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

Left In: 4.682+/-0.085 χ^2/NDF:184.9/4

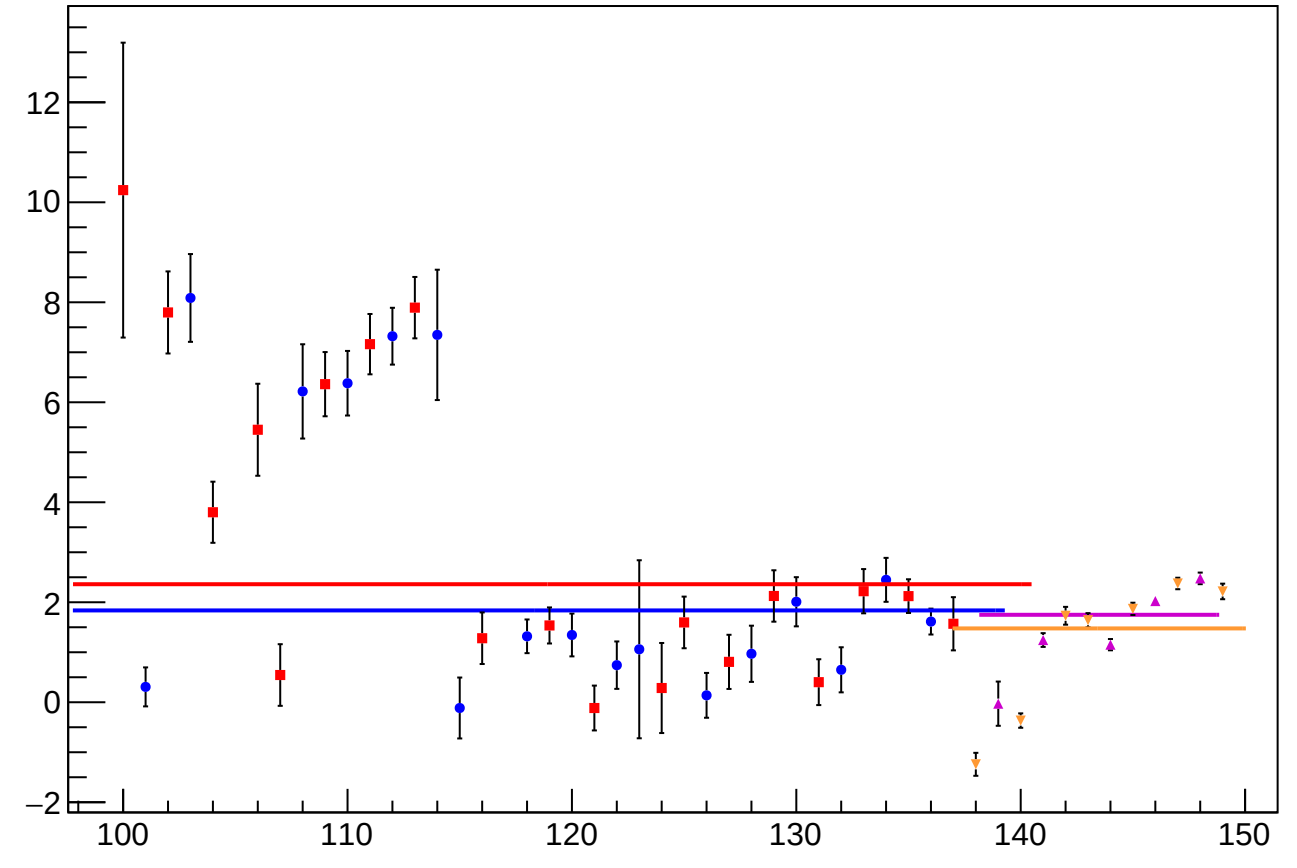
Left: 5.323+/-0.058 χ^2/NDF: 1556.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.682+/-0.085 χ^2/NDF:184.9/4

Out: 5.875+/-0.079 χ^2/NDF:1264.9/6

All: 5.323+/-0.058 χ^2/NDF: 1556.3/11



Right In: 1.837+/-0.116 χ^2/NDF: 294.1/16

Left Out: 1.477+/-0.055 χ^2/NDF:400.3/6

Right Out: 2.361+/-0.122 χ^2/NDF: 336.9/18

Left In: 1.749+/-0.056 χ^2/NDF:104.9/4

Left: 1.610+/-0.039 χ^2/NDF: 517.1/11

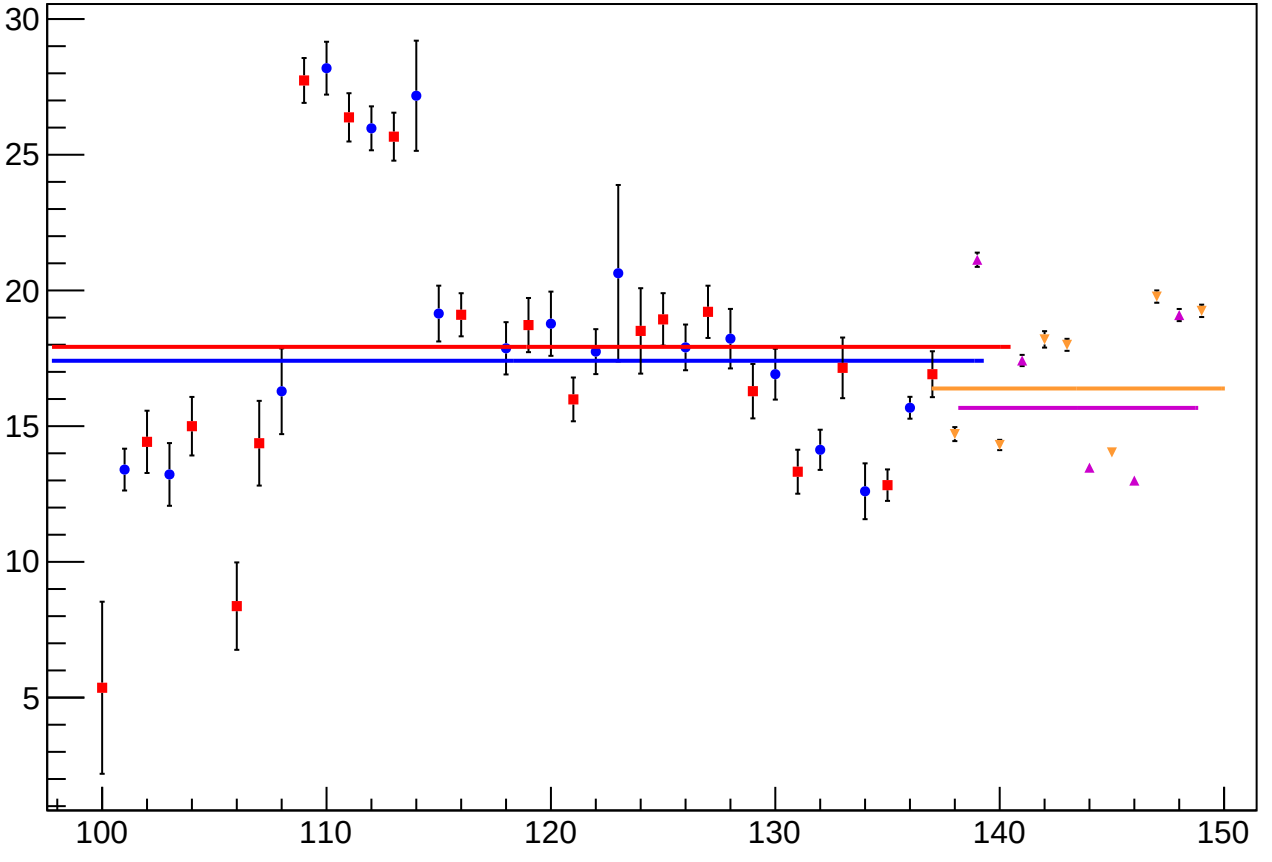
Right: 2.085+/-0.084 χ^2/NDF: 640.7/35

In: 1.766+/-0.051 χ^2/NDF:399.4/21

Out: 1.625+/-0.050 χ^2/NDF:780.6/25

All: 1.695+/-0.036 χ^2/NDF: 1183.9/47

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409+/-0.212 χ^2/NDF: 365.1/16

Left Out: 16.388+/-0.081 χ^2/NDF:843.2/6

Right Out: 17.922+/-0.219 χ^2/NDF: 506.5/18

Left In: 15.673+/-0.086 χ^2/NDF:1205.3/4

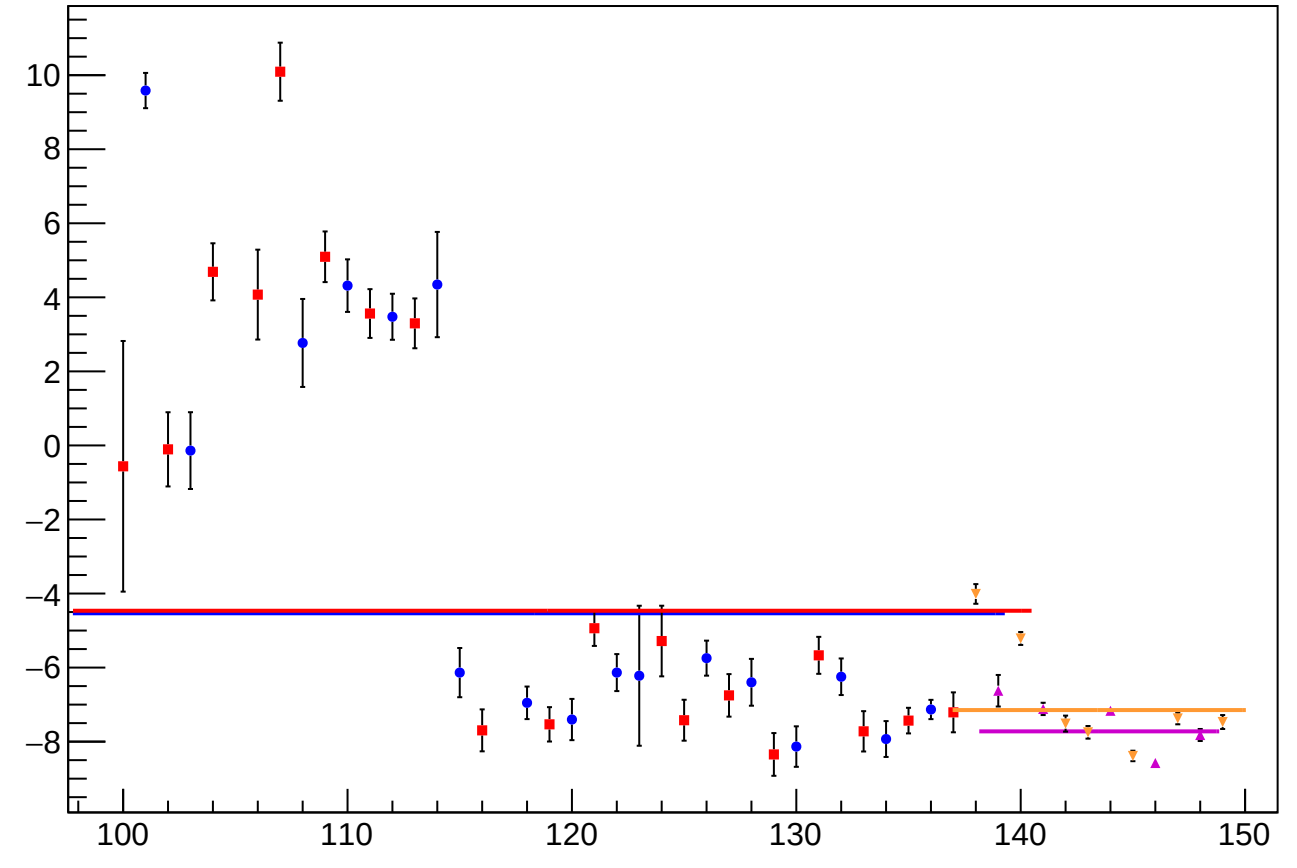
Left: 16.051+/-0.059 χ^2/NDF: 2084.9/11

Right: 17.657+/-0.152 χ^2/NDF: 874.4/35

In: 15.919+/-0.080 χ^2/NDF:1628.0/21

Out: 16.574+/-0.076 χ^2/NDF:1392.8/25

All: 16.262+/-0.055 χ^2/NDF: 3056.0/47



Right In: -4.533+/-0.130 χ^2/NDF: 1588.4/16

Left Out: -7.147+/-0.067 χ^2/NDF:358.5/6

Right Out: -4.465+/-0.137 χ^2/NDF: 1340.6/18

Left In: -7.723+/-0.071 χ^2/NDF:84.9/4

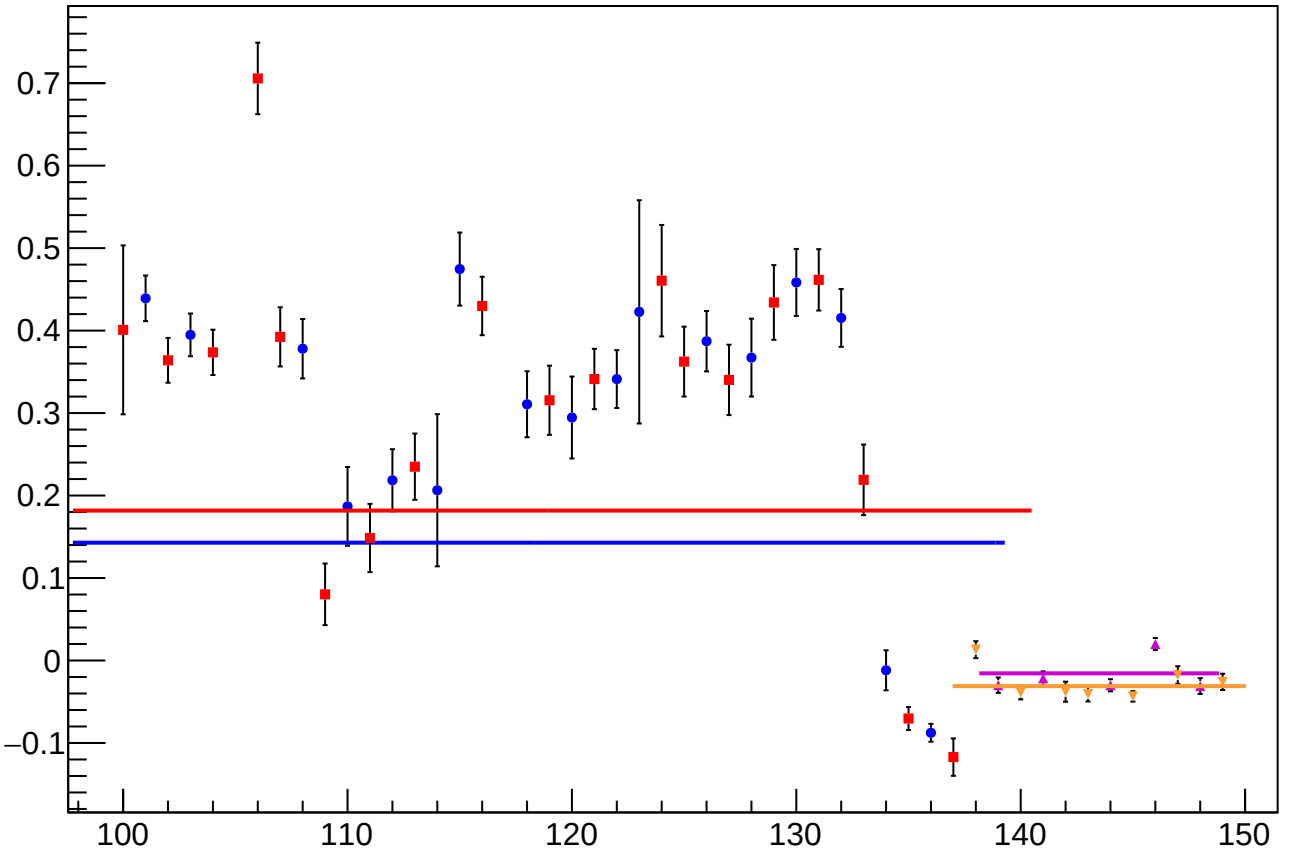
Left: -7.422+/-0.049 χ^2/NDF: 478.2/11

Right: -4.501+/-0.094 χ^2/NDF: 2929.2/35

In: -6.992+/-0.062 χ^2/NDF:2139.9/21

Out: -6.623+/-0.060 χ^2/NDF:2008.6/25

All: -6.803+/-0.043 χ^2/NDF: 4166.6/47



Right In: 0.143+/-0.007 χ^2/NDF: 1058.9/16

Left Out: -0.031+/-0.003 χ^2/NDF:26.6/6

Right Out: 0.182+/-0.007 χ^2/NDF: 1008.3/18

Left In: -0.016+/-0.004 χ^2/NDF:33.6/4

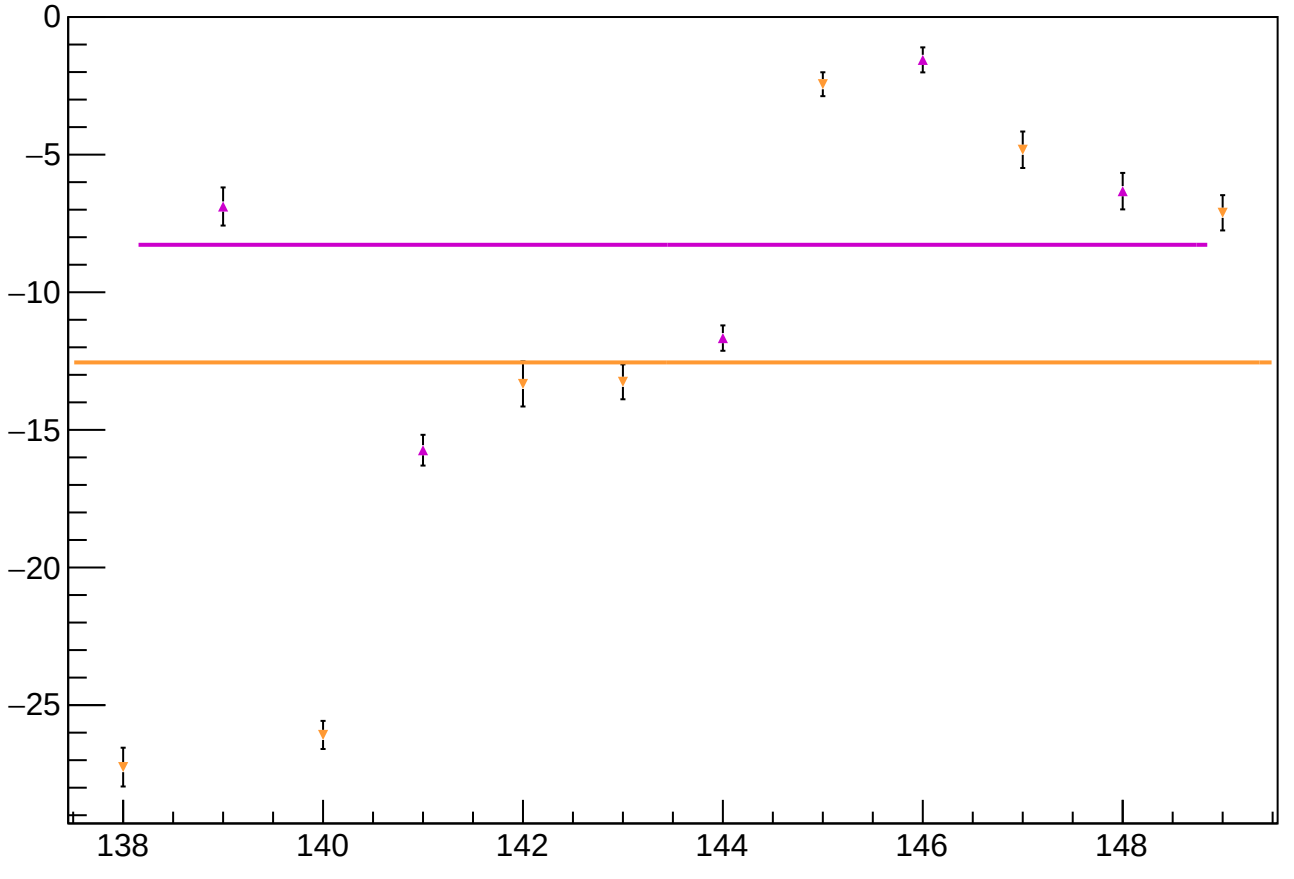
Left: -0.024+/-0.002 χ^2/NDF: 69.8/11

Right: 0.161+/-0.005 χ^2/NDF: 2081.6/35

In: 0.018+/-0.003 χ^2/NDF:1489.7/21

Out: 0.006+/-0.003 χ^2/NDF:1721.5/25

All: 0.012+/-0.002 χ^2/NDF: 3218.6/47



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

Left Out: -12.549+/-0.224 χ^2/NDF:1890.2/6

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

Left In: -8.276+/-0.242 χ^2/NDF:463.8/4

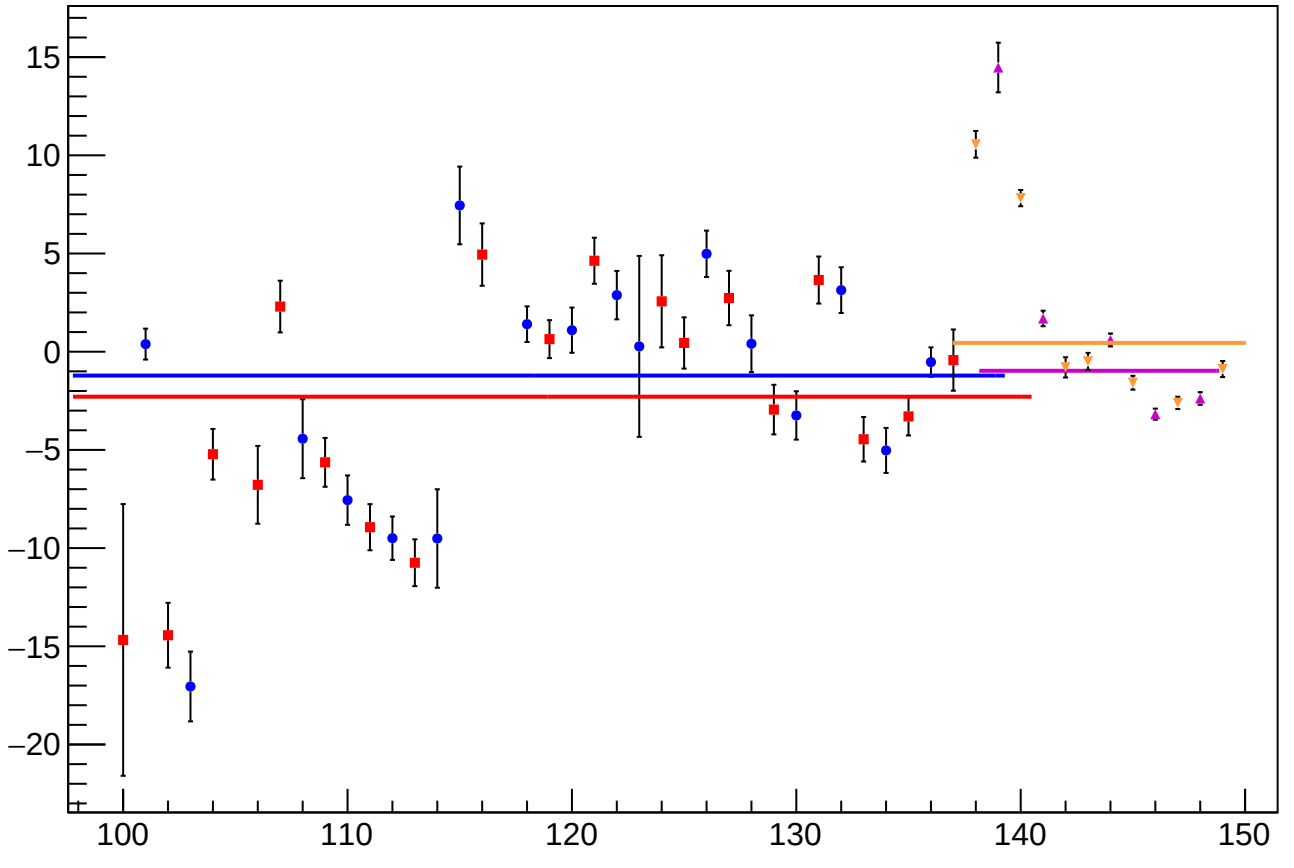
Left: -10.570+/-0.164 χ^2/NDF: 2521.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.276+/-0.242 χ^2/NDF:463.8/4

Out: -12.549+/-0.224 χ^2/NDF:1890.2/6

All: -10.570+/-0.164 χ^2/NDF: 2521.8/11



Right In: -1.215+/-0.290 χ^2/NDF: 278.7/16

Left Out: 0.450+/-0.156 χ^2/NDF:685.5/6

Right Out: -2.290+/-0.302 χ^2/NDF: 287.1/18

Left In: -0.971+/-0.161 χ^2/NDF:297.3/4

Left: -0.236+/-0.112 χ^2/NDF: 1022.8/11

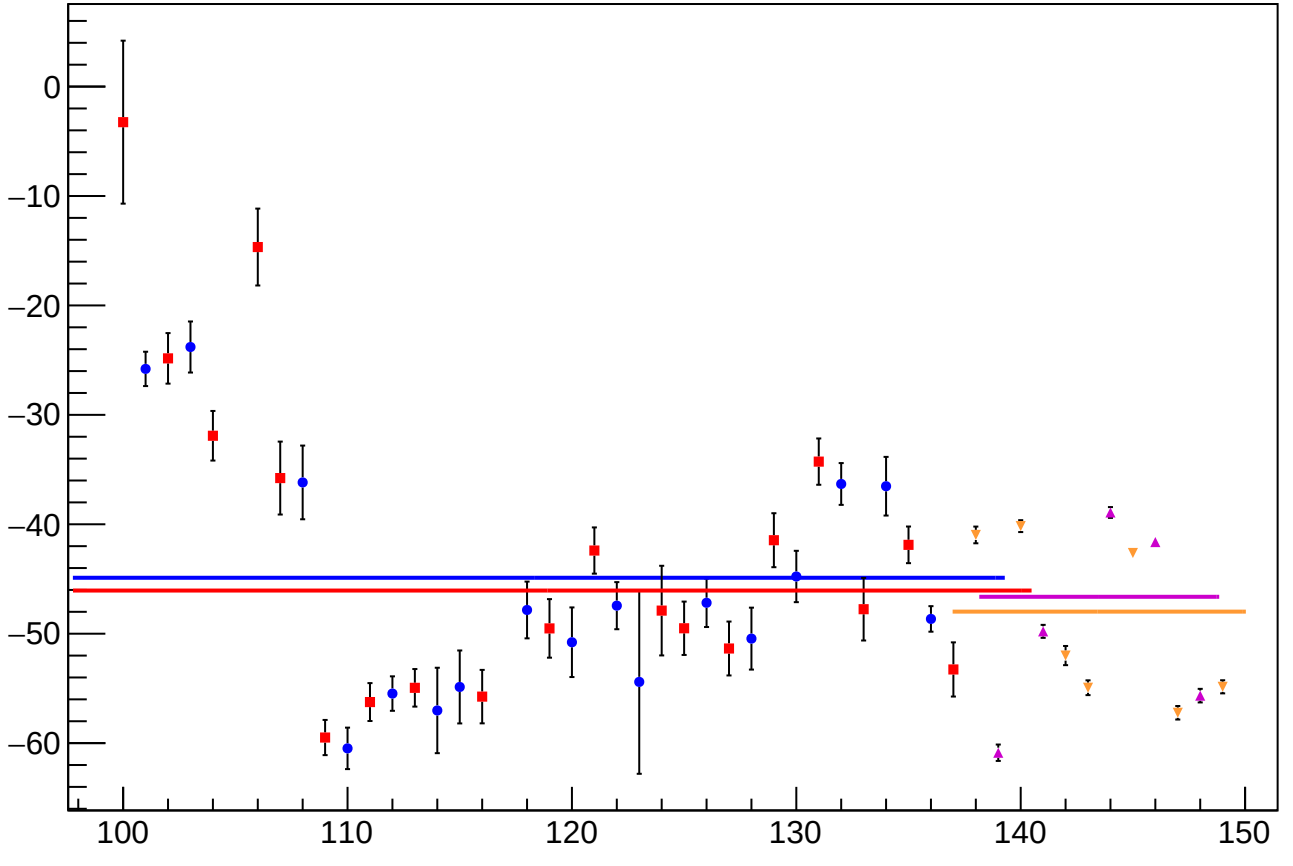
Right: -1.731+/-0.209 χ^2/NDF: 572.4/35

In: -1.029+/-0.141 χ^2/NDF:576.6/21

Out: -0.126+/-0.139 χ^2/NDF:1037.6/25

All: -0.569+/-0.099 χ^2/NDF: 1634.9/47

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: -47.982+/-0.231 χ^2/NDF:908.0/6

Right Out: -46.056+/-0.528 χ^2/NDF: 453.7/18

Left In: -46.627+/-0.246 χ^2/NDF:977.0/4

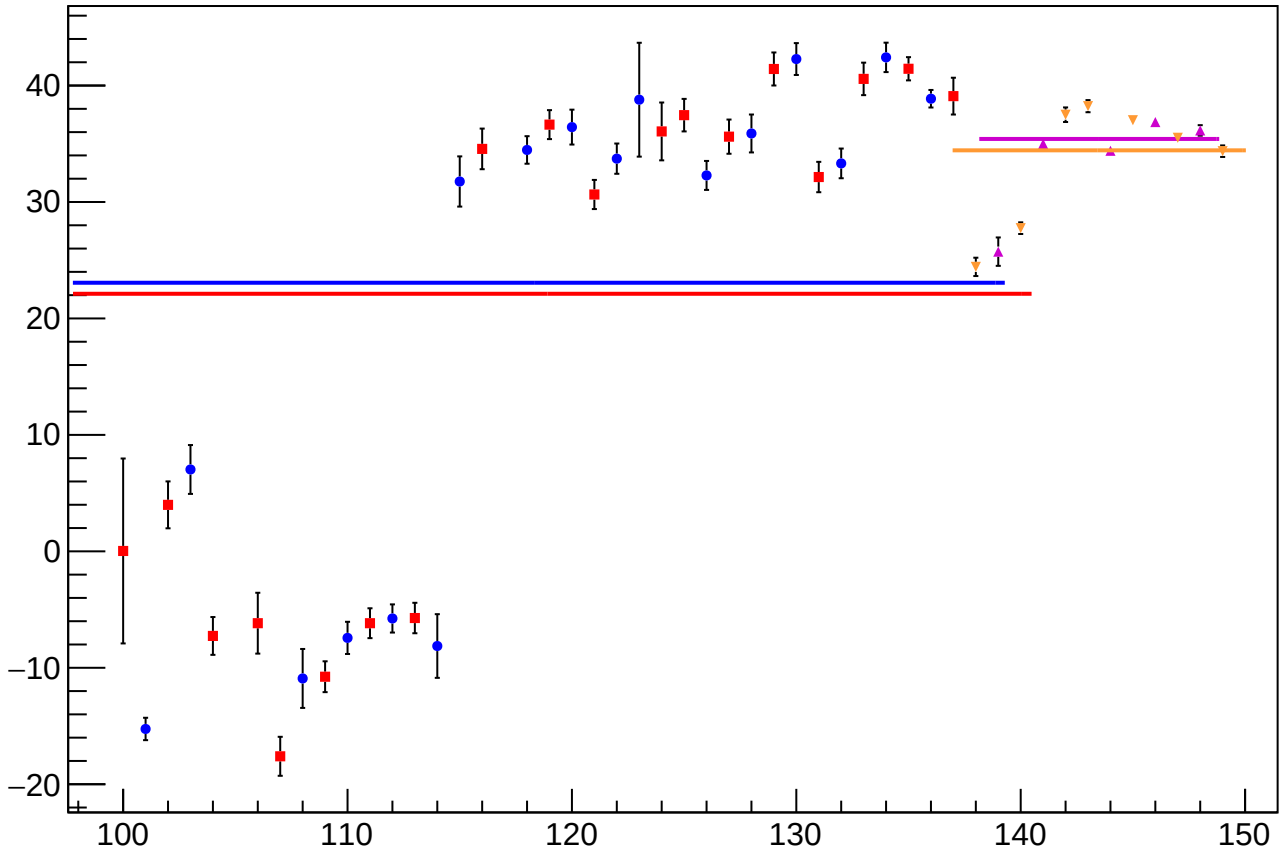
Left: -47.346+/-0.168 χ^2/NDF: 1901.2/11

Right: -45.467+/-0.372 χ^2/NDF: 876.6/35

In: -46.312+/-0.222 χ^2/NDF:1406.5/21

Out: -47.673+/-0.212 χ^2/NDF:1372.9/25

All: -47.026+/-0.153 χ^2/NDF: 2799.0/47



Right In: 23.066+/-0.327 χ^2/NDF: 4333.5/16

Left Out: 34.436+/-0.192 χ^2/NDF:463.1/6

Right Out: 22.118+/-0.340 χ^2/NDF: 4033.3/18

Left In: 35.414+/-0.202 χ^2/NDF:89.9/4

Left: 34.899+/-0.139 χ^2/NDF: 565.4/11

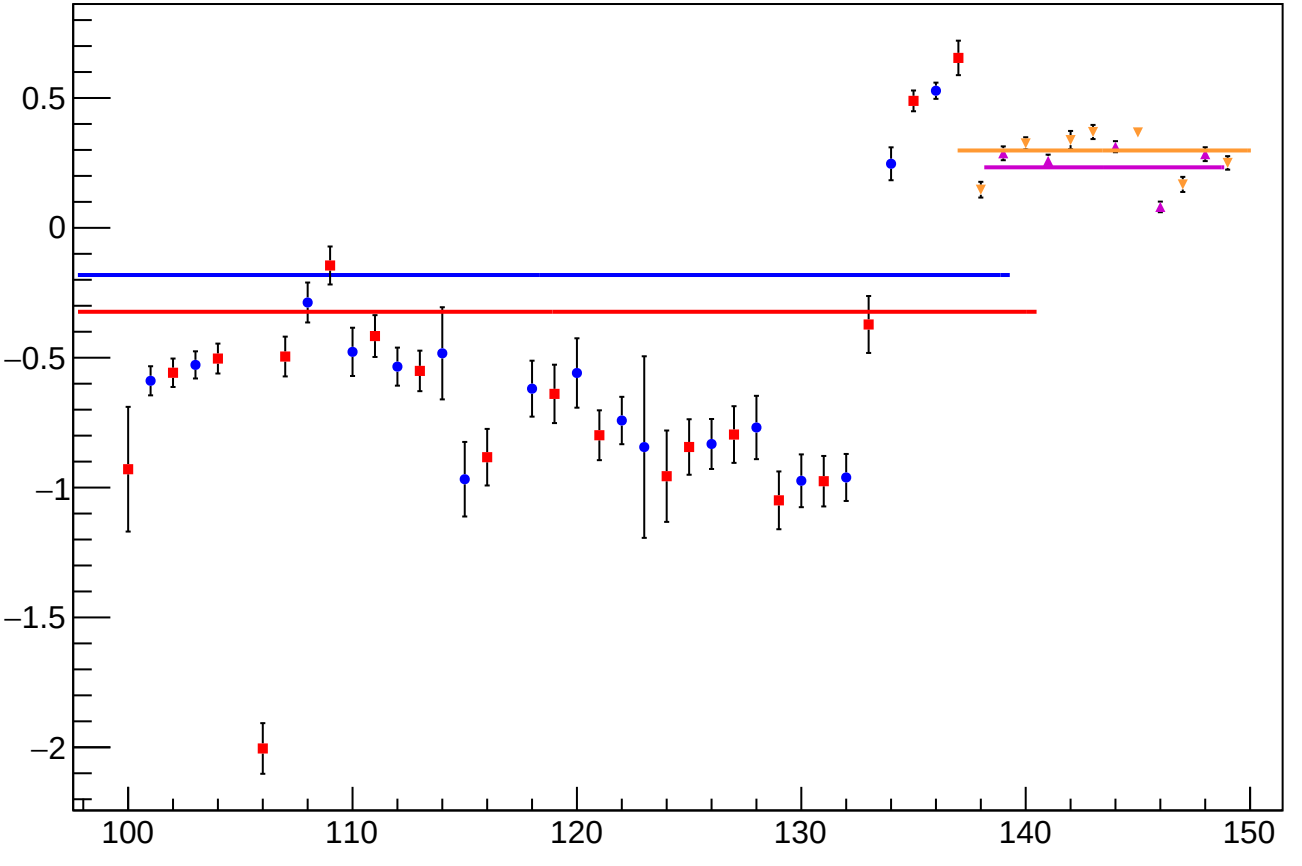
Right: 22.611+/-0.235 χ^2/NDF: 8370.8/35

In: 31.993+/-0.172 χ^2/NDF:5457.2/21

Out: 31.465+/-0.167 χ^2/NDF:5494.0/25

All: 31.721+/-0.120 χ^2/NDF: 10956.1/47

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: 0.298+/-0.010 χ^2/NDF:72.6/6

Right Out: -0.323+/-0.018 χ^2/NDF: 1183.9/18

Left In: 0.233+/-0.010 χ^2/NDF:78.3/4

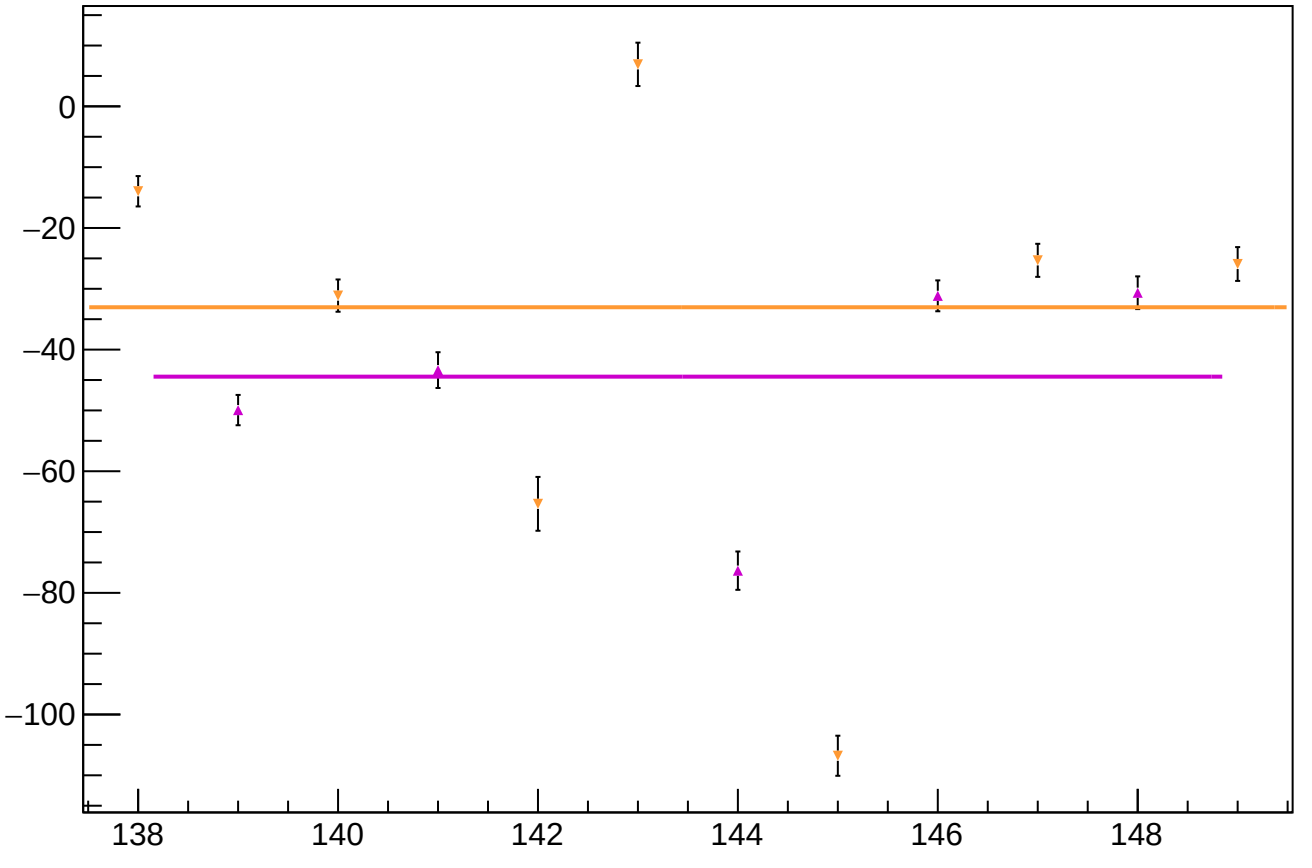
Left: 0.268+/-0.007 χ^2/NDF: 171.7/11

Right: -0.251+/-0.013 χ^2/NDF: 2211.9/35

In: 0.126+/-0.009 χ^2/NDF:1480.5/21

Out: 0.161+/-0.009 χ^2/NDF:2168.7/25

All: 0.145+/-0.006 χ^2/NDF: 3657.2/47



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

Left Out: -33.036+/-1.126 χ^2/NDF:752.8/6

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

Left In: -44.446+/-1.221 χ^2/NDF:161.1/4

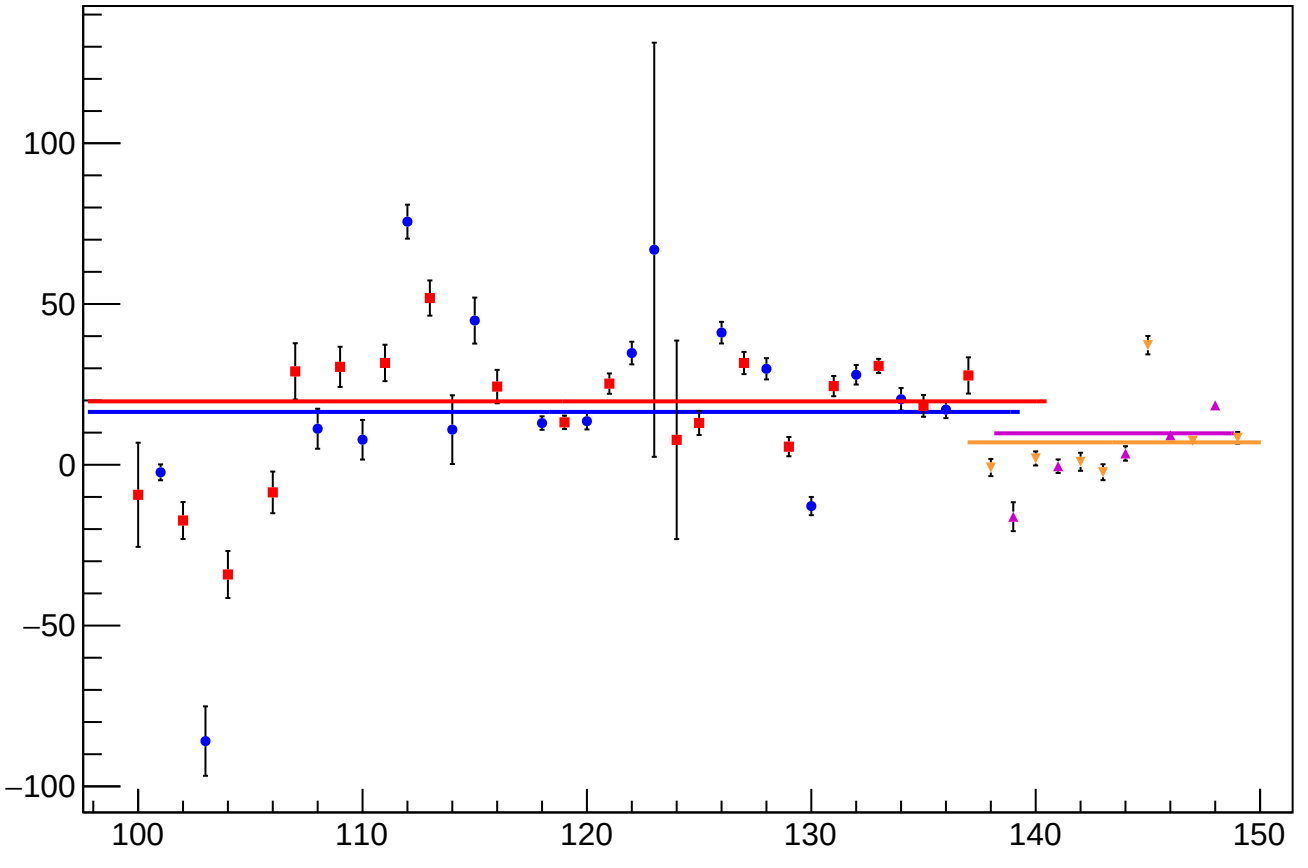
Left: -38.279+/-0.828 χ^2/NDF: 961.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.446+/-1.221 χ^2/NDF:161.1/4

Out: -33.036+/-1.126 χ^2/NDF:752.8/6

All: -38.279+/-0.828 χ^2/NDF: 961.1/11



Right In: 16.439+/-0.849 χ^2/NDF: 516.9/16

Left Out: 6.975+/-0.773 χ^2/NDF:145.1/6

Right Out: 19.724+/-0.898 χ^2/NDF: 241.7/18

Left In: 9.781+/-0.813 χ^2/NDF:109.1/4

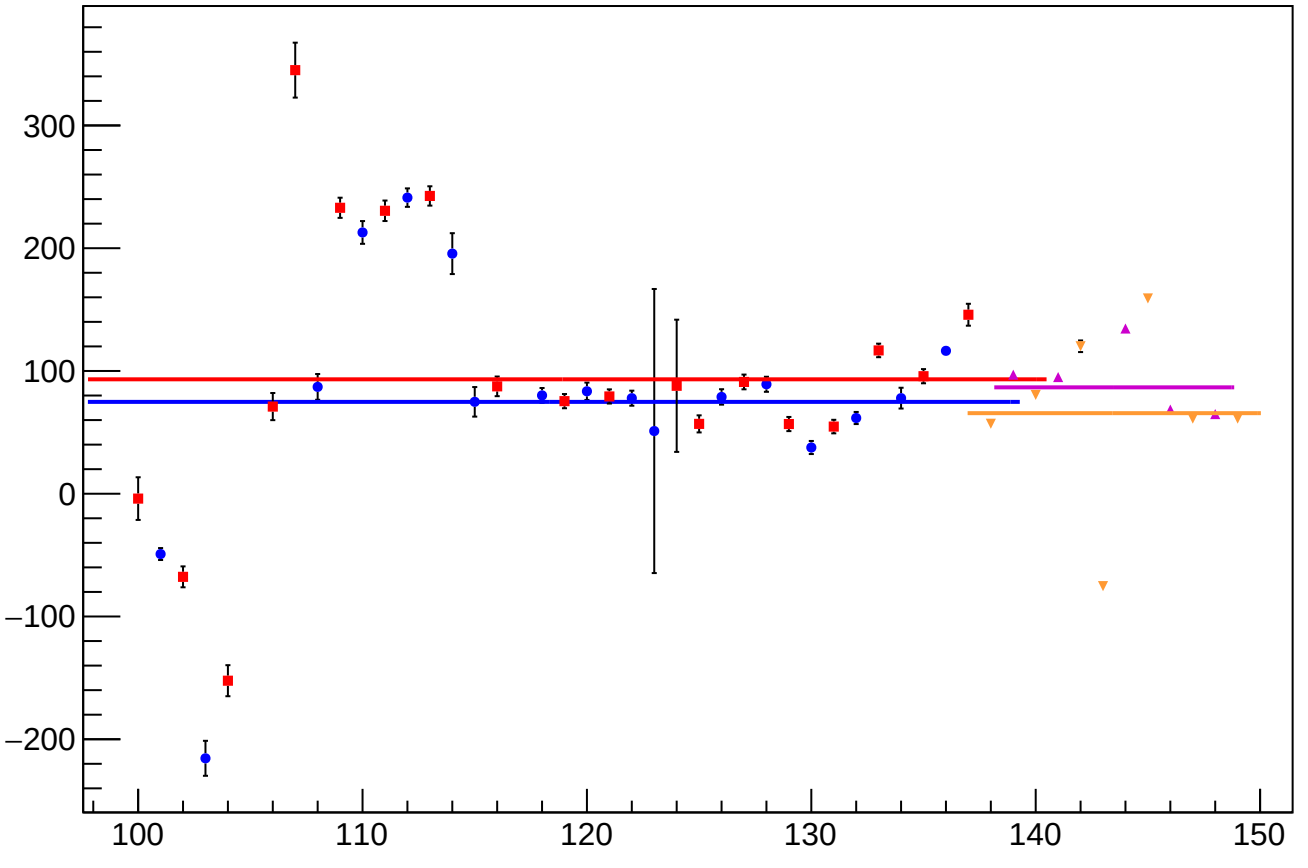
Left: 8.308+/-0.560 χ^2/NDF: 260.4/11

Right: 17.989+/-0.617 χ^2/NDF: 765.7/35

In: 12.966+/-0.587 χ^2/NDF:658.1/21

Out: 12.402+/-0.586 χ^2/NDF:502.6/25

All: 12.684+/-0.415 χ^2/NDF: 1161.2/47



Right In: 74.824+/-1.639 χ^2/NDF: 1996.8/16

Left Out: 65.633+/-1.144 χ^2/NDF:2294.5/6

Right Out: 93.202+/-1.712 χ^2/NDF: 2000.7/18

Left In: 86.657+/-1.236 χ^2/NDF:354.2/4

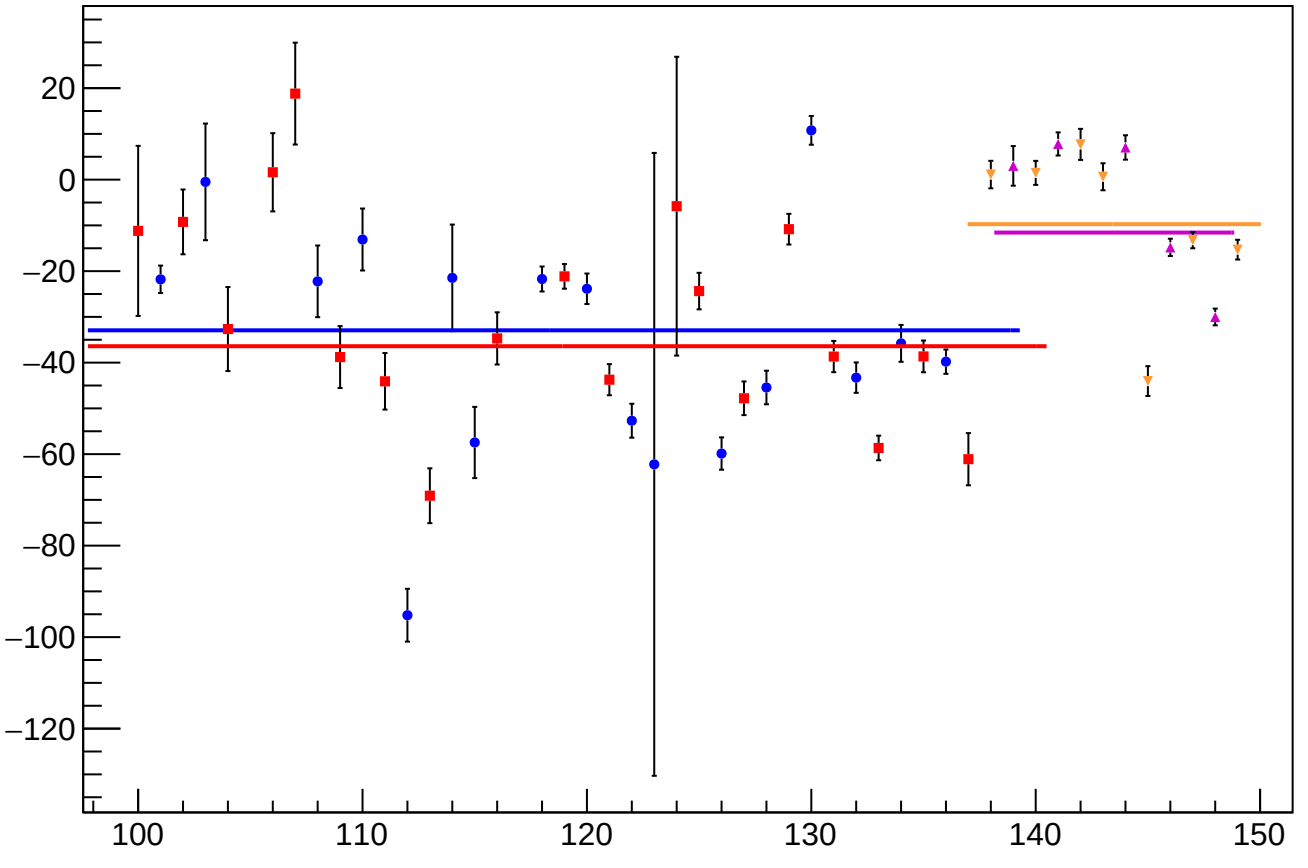
Left: 75.336+/-0.840 χ^2/NDF: 2804.5/11

Right: 83.612+/-1.184 χ^2/NDF: 4057.7/35

In: 82.365+/-0.987 χ^2/NDF:2384.2/21

Out: 74.149+/-0.951 χ^2/NDF:4474.6/25

All: 78.107+/-0.685 χ^2/NDF: 6894.7/47



Right In: -32.935+/-0.973 χ^2/NDF: 490.7/16

Left Out: -9.730+/-0.961 χ^2/NDF:191.1/6

Right Out: -36.411+/-1.025 χ^2/NDF: 295.1/18

Left In: -11.566+/-1.038 χ^2/NDF:223.7/4

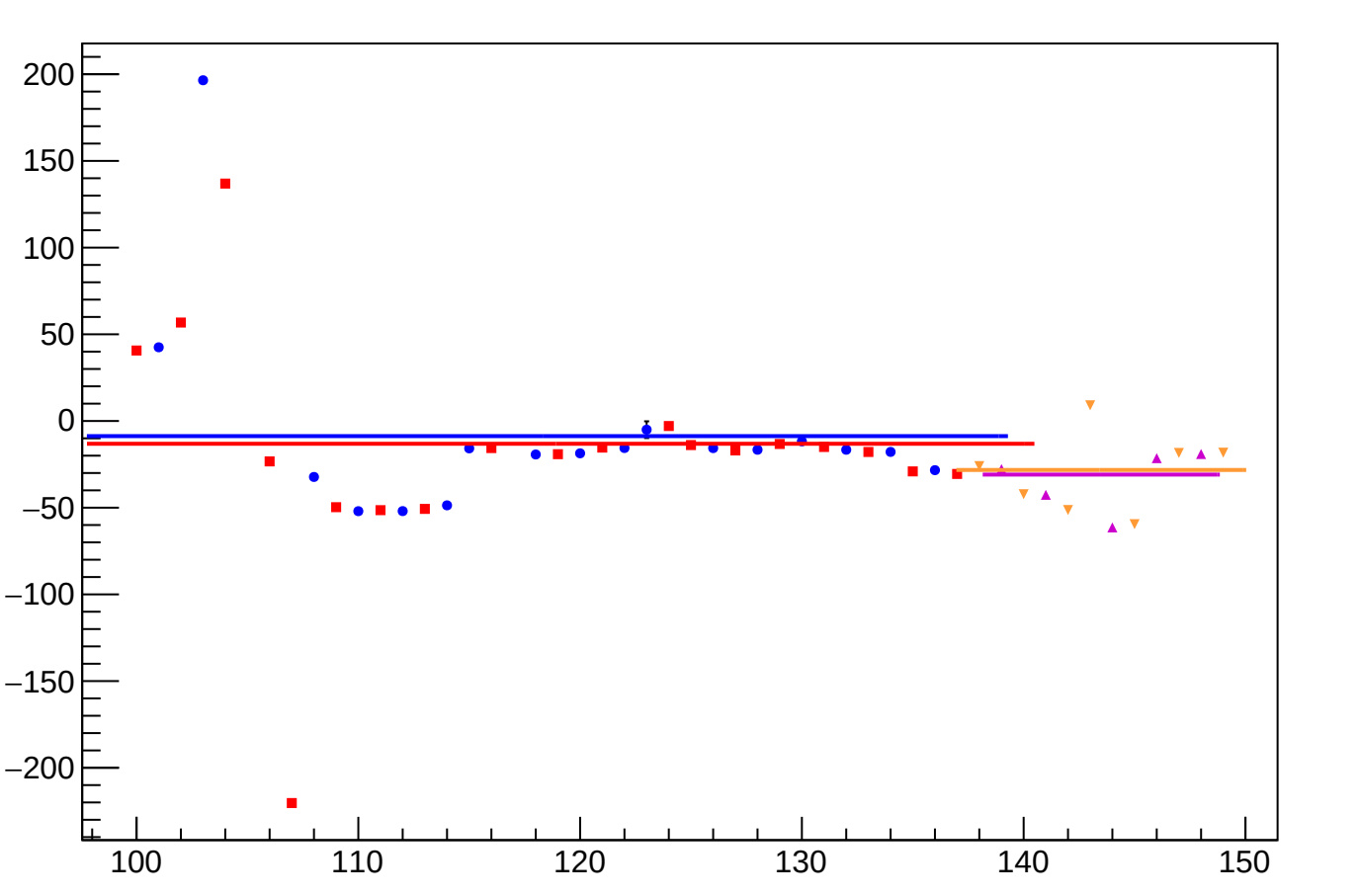
Left: -10.578+/-0.705 χ^2/NDF: 416.5/11

Right: -34.583+/-0.706 χ^2/NDF: 791.9/35

In: -22.939+/-0.710 χ^2/NDF:939.9/21

Out: -22.212+/-0.701 χ^2/NDF:846.7/25

All: -22.571+/-0.499 χ^2/NDF: 1787.1/47



Right In: -8.723+/-0.059 χ^2/NDF: 575838.7/16

Left Out: -28.244+/-0.048 χ^2/NDF:155913.0/6

Right Out: -13.136+/-0.062 χ^2/NDF: 558621.9/18

Left In: -30.902+/-0.051 χ^2/NDF:71535.3/4

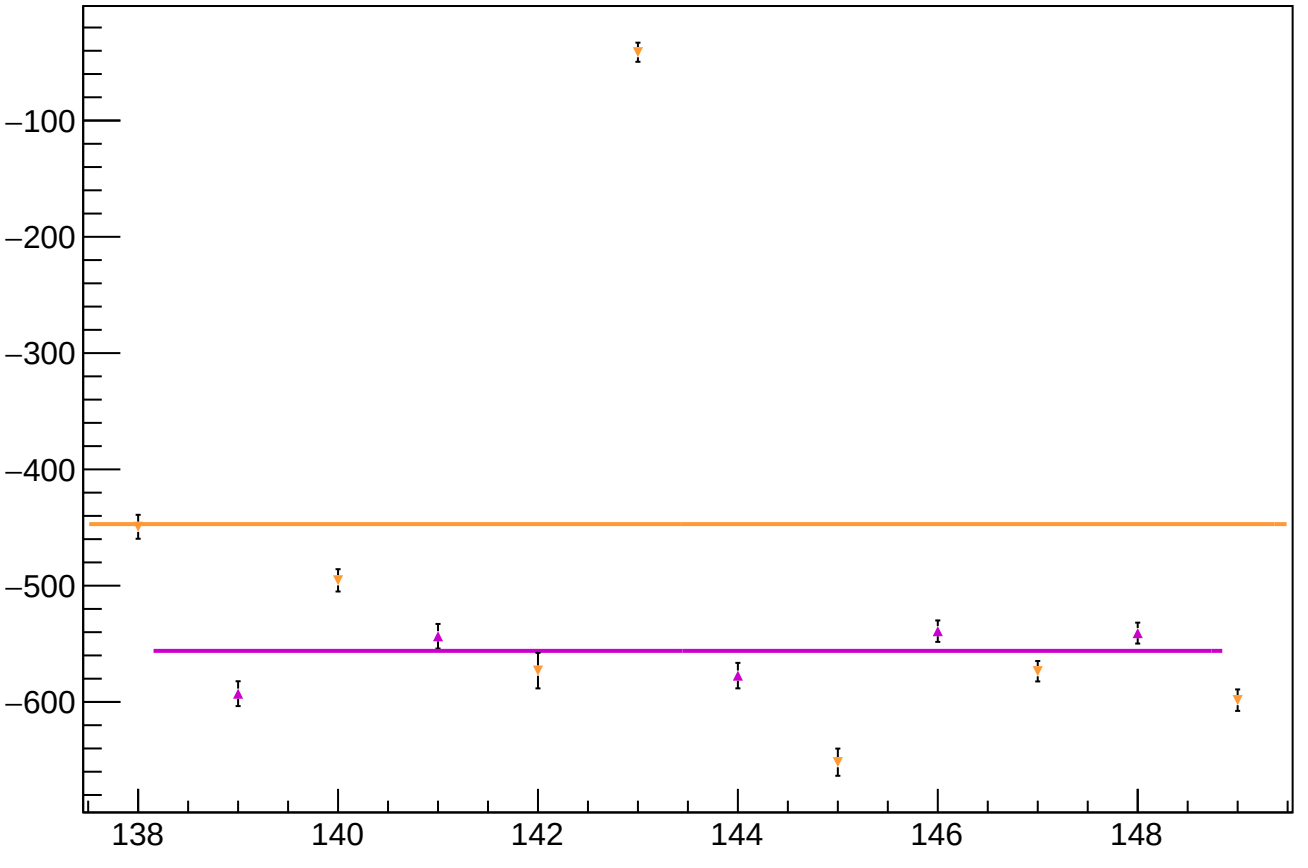
Left: -29.499+/-0.035 χ^2/NDF: 228885.1/11

Right: -10.824+/-0.043 χ^2/NDF: 1137135.6/35

In: -21.404+/-0.039 χ^2/NDF:728537.4/21

Out: -22.523+/-0.038 χ^2/NDF:751737.3/25

All: -21.971+/-0.027 χ^2/NDF: 1480701.9/47



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

Left Out: -447.070+/-3.743 χ^2/NDF:3310.2/6

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

Left In: -556.062+/-4.464 χ^2/NDF:23.3/4

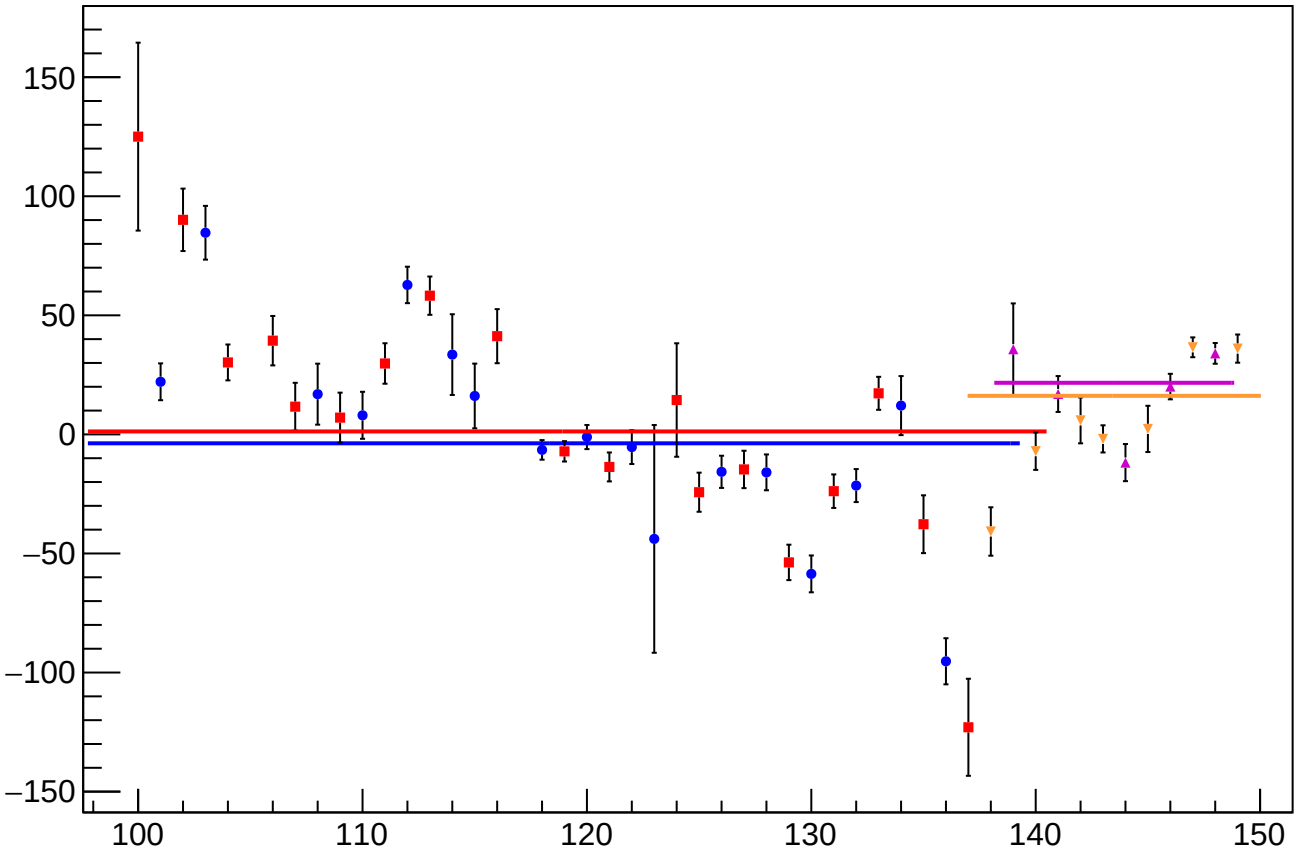
Left: -492.066+/-2.868 χ^2/NDF: 3683.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -556.062+/-4.464 χ^2/NDF:23.3/4

Out: -447.070+/-3.743 χ^2/NDF:3310.2/6

All: -492.066+/-2.868 χ^2/NDF: 3683.6/11



Right In: -3.743+/-1.892 χ^2/NDF: 314.1/16

Left Out: 16.199+/-2.467 χ^2/NDF:88.6/6

Right Out: 1.241+/-1.916 χ^2/NDF: 303.5/18

Left In: 21.668+/-2.836 χ^2/NDF:27.5/4

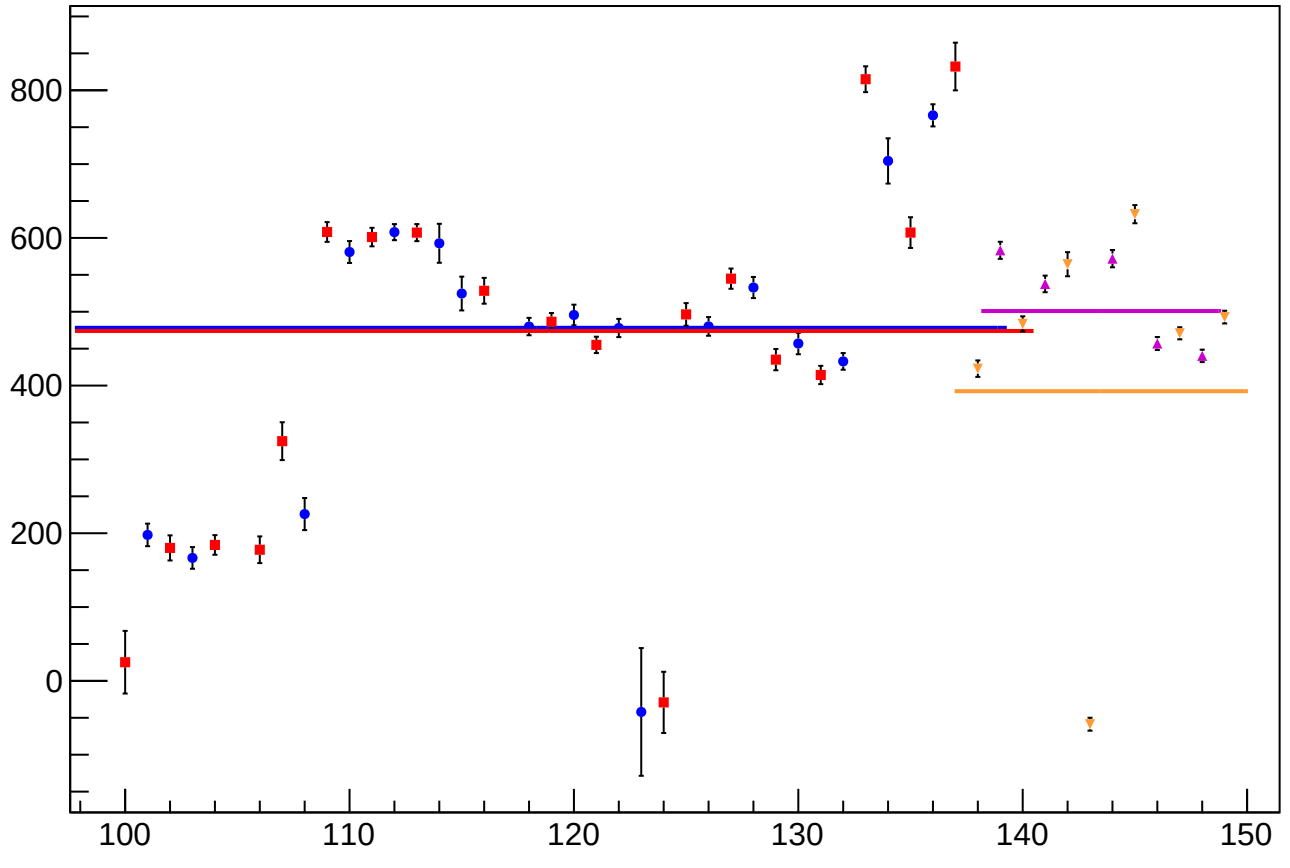
Left: 18.555+/-1.861 χ^2/NDF: 118.3/11

Right: -1.282+/-1.346 χ^2/NDF: 621.1/35

In: 4.083+/-1.574 χ^2/NDF:397.2/21

Out: 6.869+/-1.513 χ^2/NDF:415.1/25

All: 5.531+/-1.091 χ^2/NDF: 814.0/47



Right In: 478.265+/-3.638 χ^2/NDF: 1627.9/16

Left Out: 392.380+/-3.801 χ^2/NDF:3447.8/6

Right Out: 473.977+/-3.529 χ^2/NDF: 2288.3/18

Left In: 500.981+/-4.488 χ^2/NDF:174.8/4

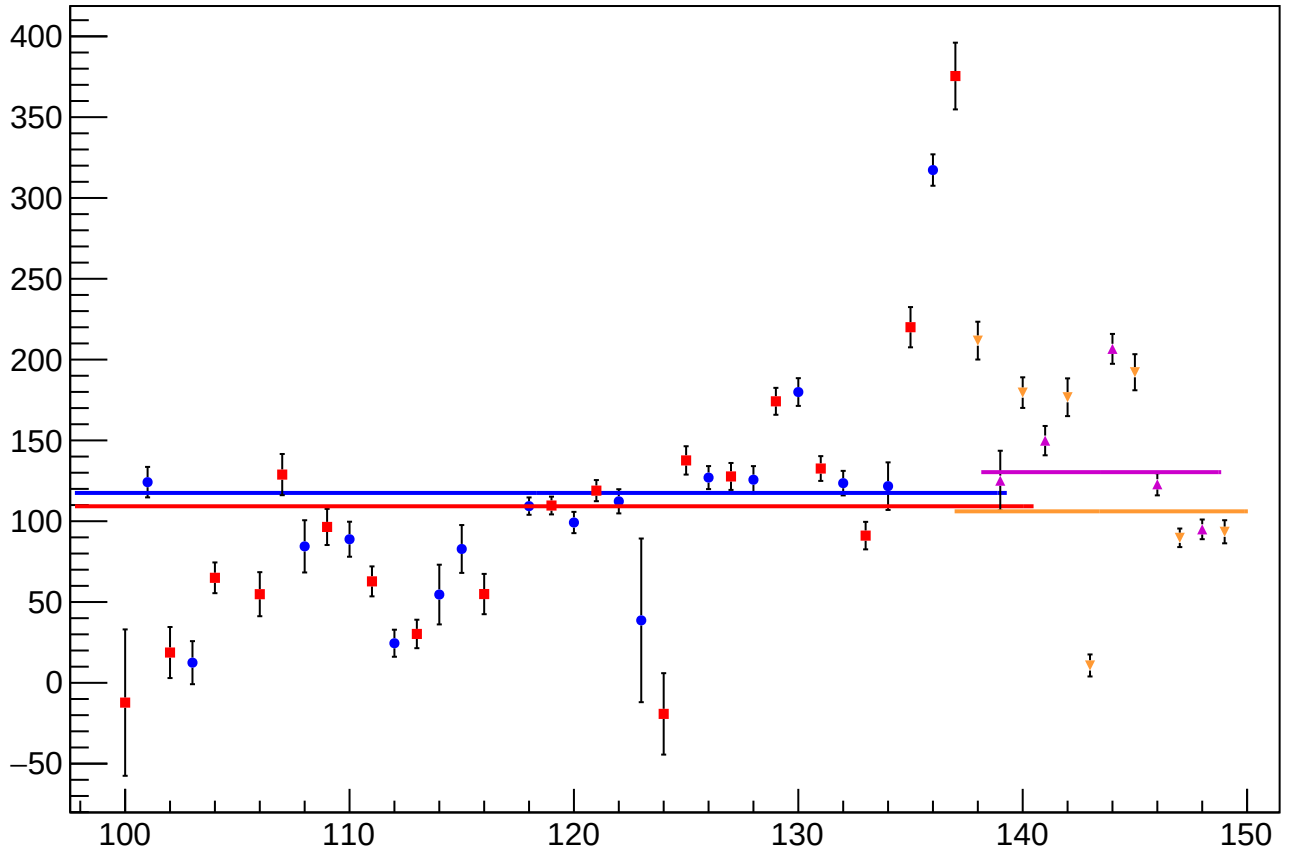
Left: 437.732+/-2.900 χ^2/NDF: 3963.6/11

Right: 476.056+/-2.533 χ^2/NDF: 3917.0/35

In: 487.272+/-2.826 χ^2/NDF:1818.2/21

Out: 436.197+/-2.586 χ^2/NDF:5983.7/25

All: 459.473+/-1.908 χ^2/NDF: 7979.6/47



Right In: 117.502+/-2.198 χ^2/NDF: 705.9/16

Left Out: 106.112+/-3.083 χ^2/NDF:444.6/6

Right Out: 109.247+/-2.206 χ^2/NDF: 569.4/18

Left In: 130.357+/-3.653 χ^2/NDF:107.7/4

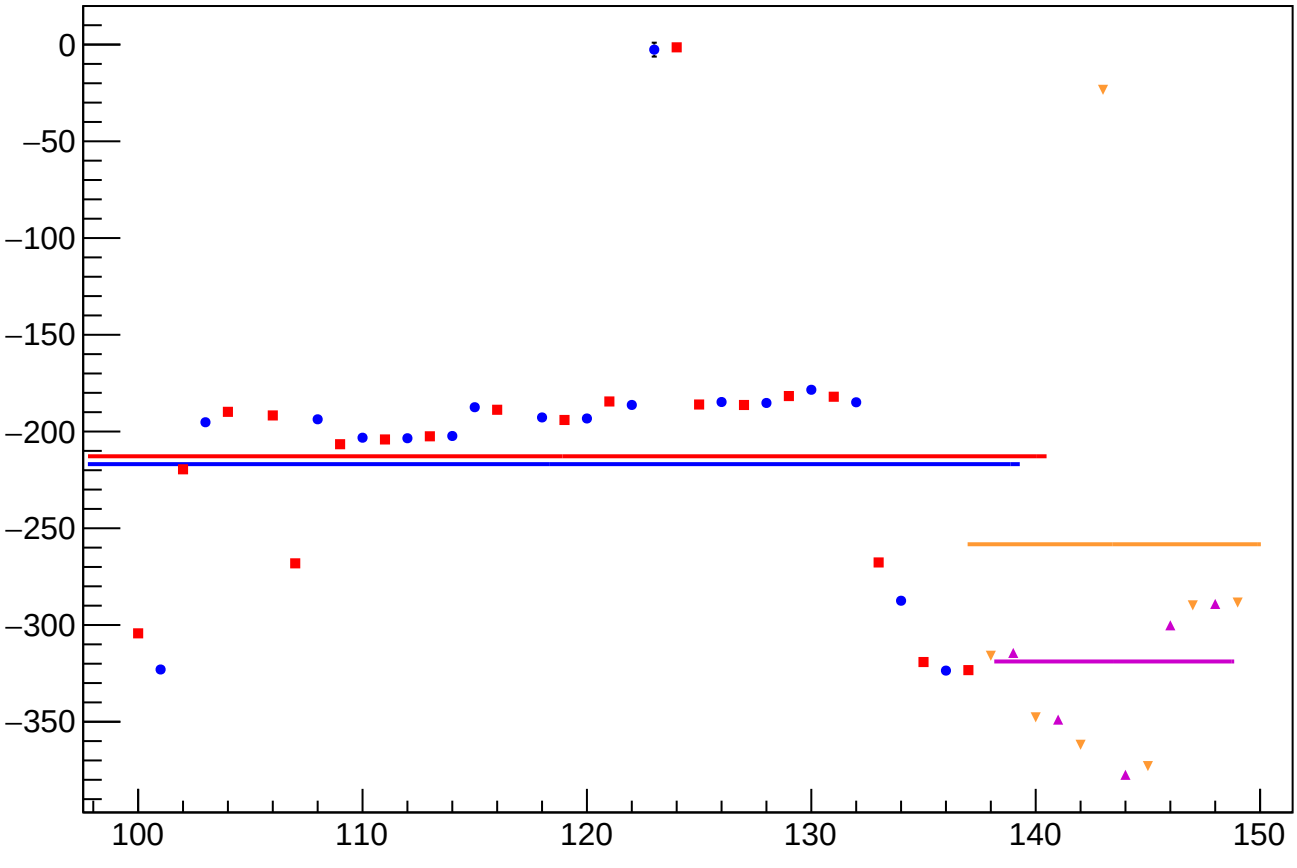
Left: 116.196+/-2.356 χ^2/NDF: 577.9/11

Right: 113.390+/-1.557 χ^2/NDF: 1282.4/35

In: 120.918+/-1.883 χ^2/NDF:822.7/21

Out: 108.185+/-1.794 χ^2/NDF:1014.6/25

All: 114.243+/-1.299 χ^2/NDF: 1861.3/47



Right In: -216.855+/-0.136 χ^2/NDF: 146927.1/16

Left Out: -258.263+/-0.161 χ^2/NDF:595349.4/6

Right Out: -212.793+/-0.130 χ^2/NDF: 116590.7/18

Left In: -318.847+/-0.188 χ^2/NDF:26425.9/4

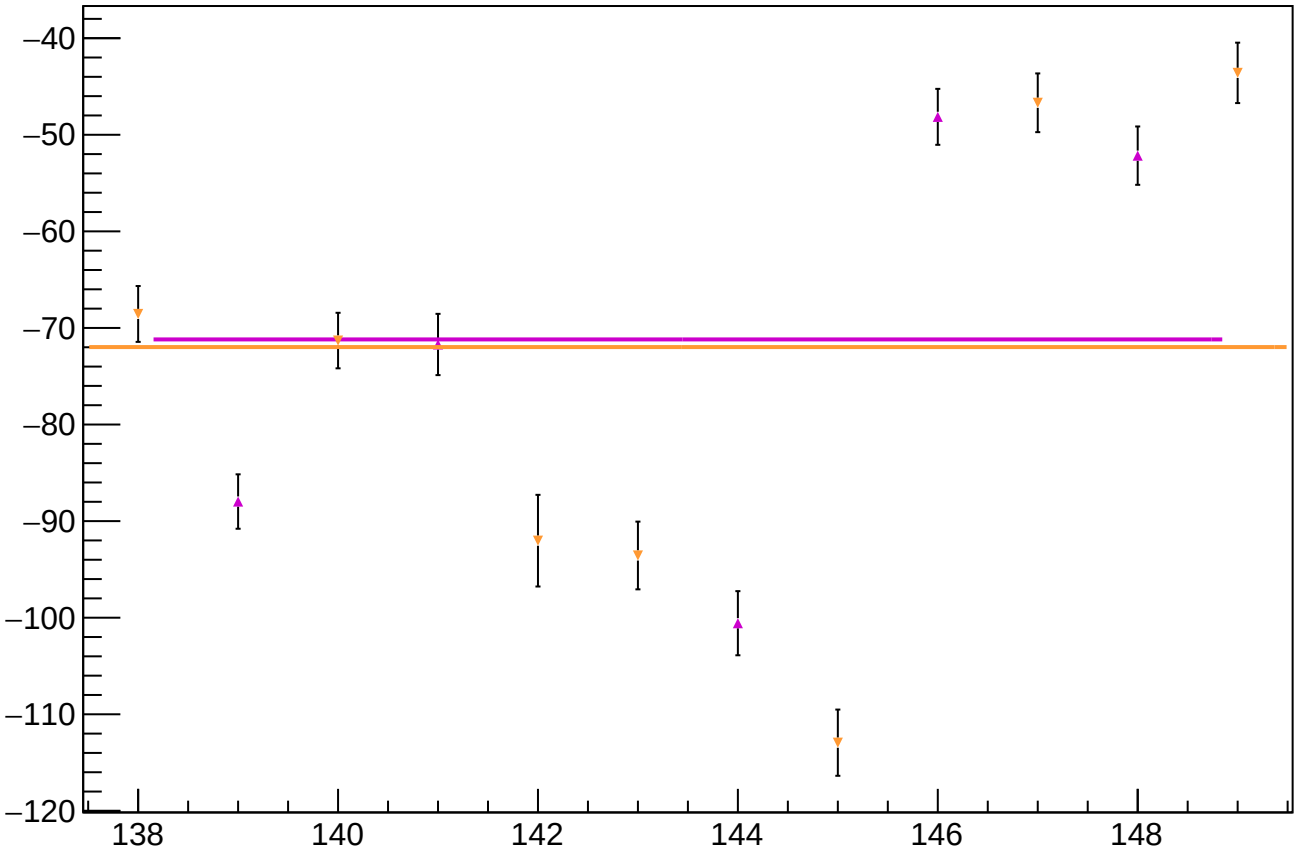
Left: -283.960+/-0.122 χ^2/NDF: 681728.6/11

Right: -214.736+/-0.094 χ^2/NDF: 263984.4/35

In: -251.903+/-0.110 χ^2/NDF:367021.9/21

Out: -230.730+/-0.101 χ^2/NDF:760150.4/25

All: -240.431+/-0.075 χ^2/NDF: 1147223.4/47



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

Left Out: -71.980+/-1.229 χ^2/NDF:351.5/6

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

Left In: -71.188+/-1.355 χ^2/NDF:216.8/4

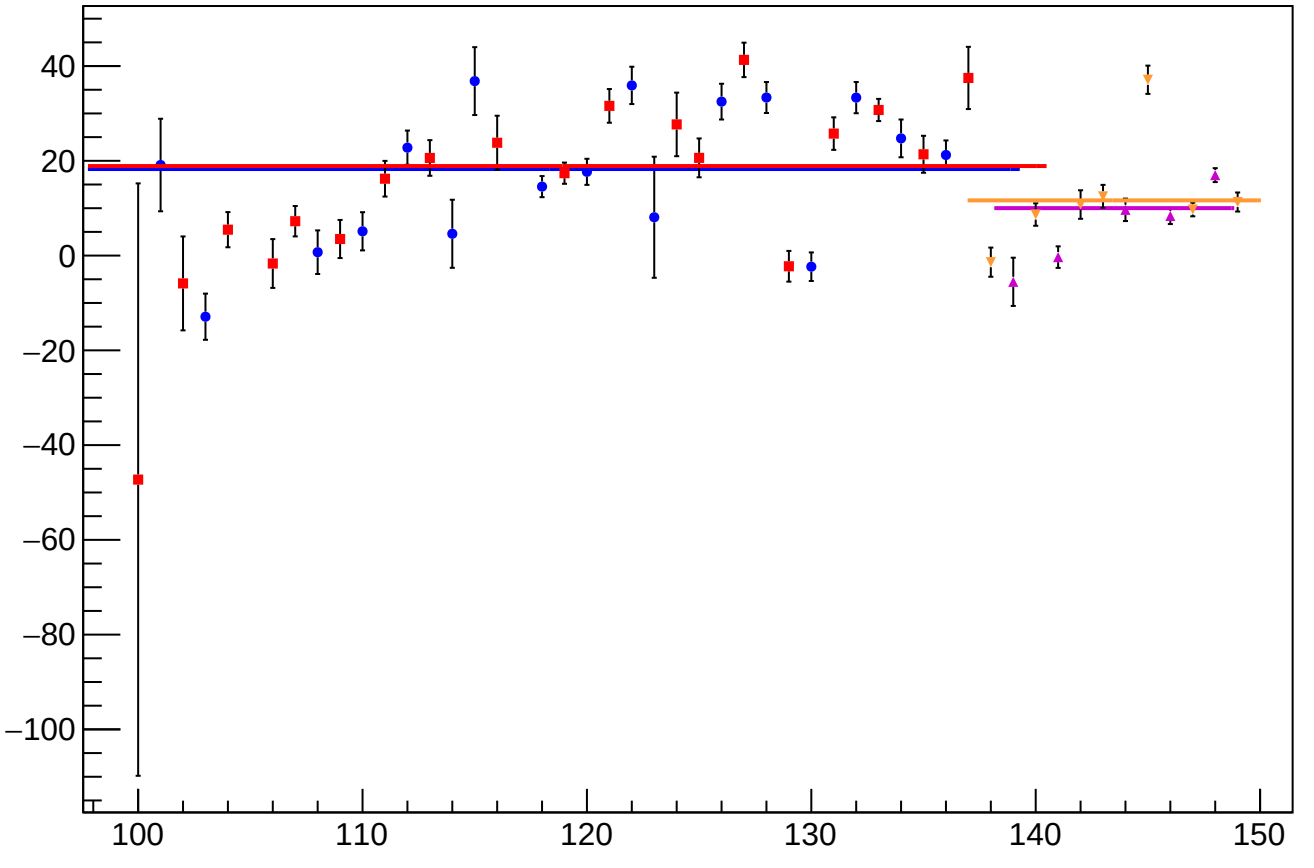
Left: -71.622+/-0.910 χ^2/NDF: 568.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.188+/-1.355 χ^2/NDF:216.8/4

Out: -71.980+/-1.229 χ^2/NDF:351.5/6

All: -71.622+/-0.910 χ^2/NDF: 568.5/11



Right In: 18.269+/-0.907 χ^2/NDF: 208.3/16

Left Out: 11.651+/-0.845 χ^2/NDF:94.4/6

Right Out: 18.897+/-0.864 χ^2/NDF: 199.2/18

Left In: 10.013+/-0.907 χ^2/NDF:53.4/4

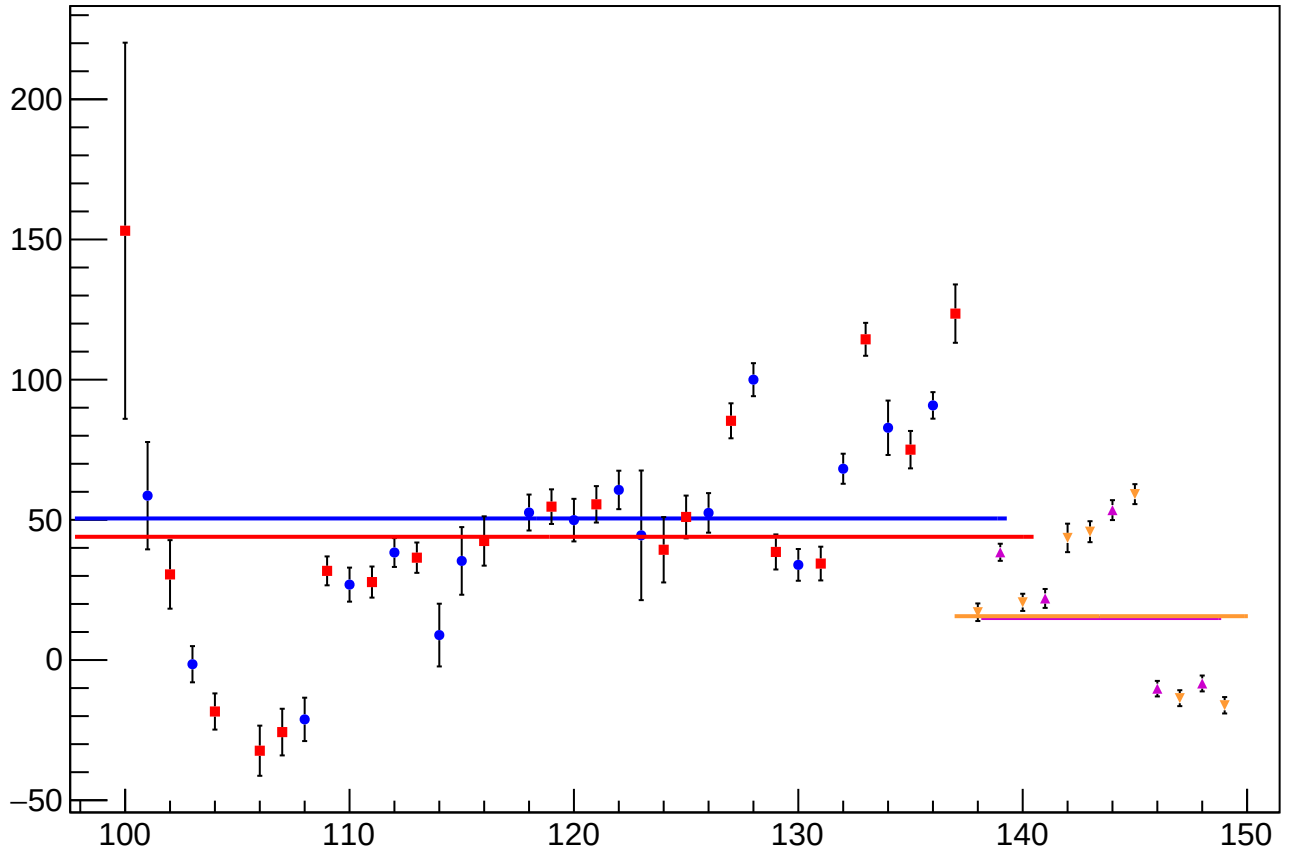
Left: 10.890+/-0.618 χ^2/NDF: 149.6/11

Right: 18.598+/-0.626 χ^2/NDF: 407.8/35

In: 14.141+/-0.641 χ^2/NDF:303.2/21

Out: 15.191+/-0.604 χ^2/NDF:329.6/25

All: 14.697+/-0.440 χ^2/NDF: 634.2/47



Right In: 50.497+/-1.671 χ^2/NDF: 363.2/16

Left Out: 15.639+/-1.252 χ^2/NDF:471.5/6

Right Out: 43.957+/-1.603 χ^2/NDF: 534.3/18

Left In: 14.981+/-1.374 χ^2/NDF:331.4/4

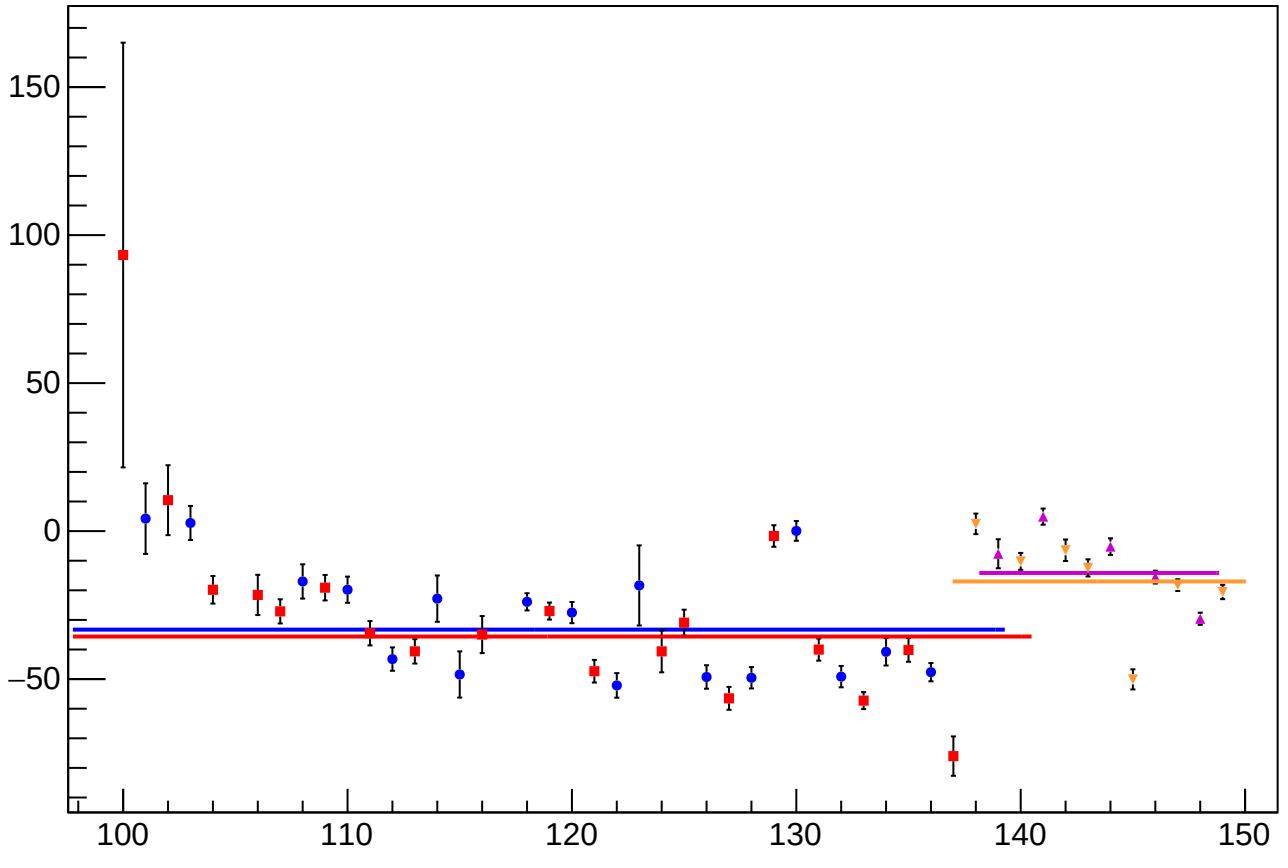
Left: 15.341+/-0.925 χ^2/NDF: 803.1/11

Right: 47.092+/-1.157 χ^2/NDF: 905.5/35

In: 29.311+/-1.061 χ^2/NDF:964.2/21

Out: 26.362+/-0.987 χ^2/NDF:1199.7/25

All: 27.729+/-0.723 χ^2/NDF: 2168.0/47



Right In: -33.281+/-1.035 χ^2/NDF: 292.9/16

Left Out: -17.003+/-1.049 χ^2/NDF:145.3/6

Right Out: -35.619+/-0.993 χ^2/NDF: 287.8/18

Left In: -14.141+/-1.154 χ^2/NDF:117.6/4

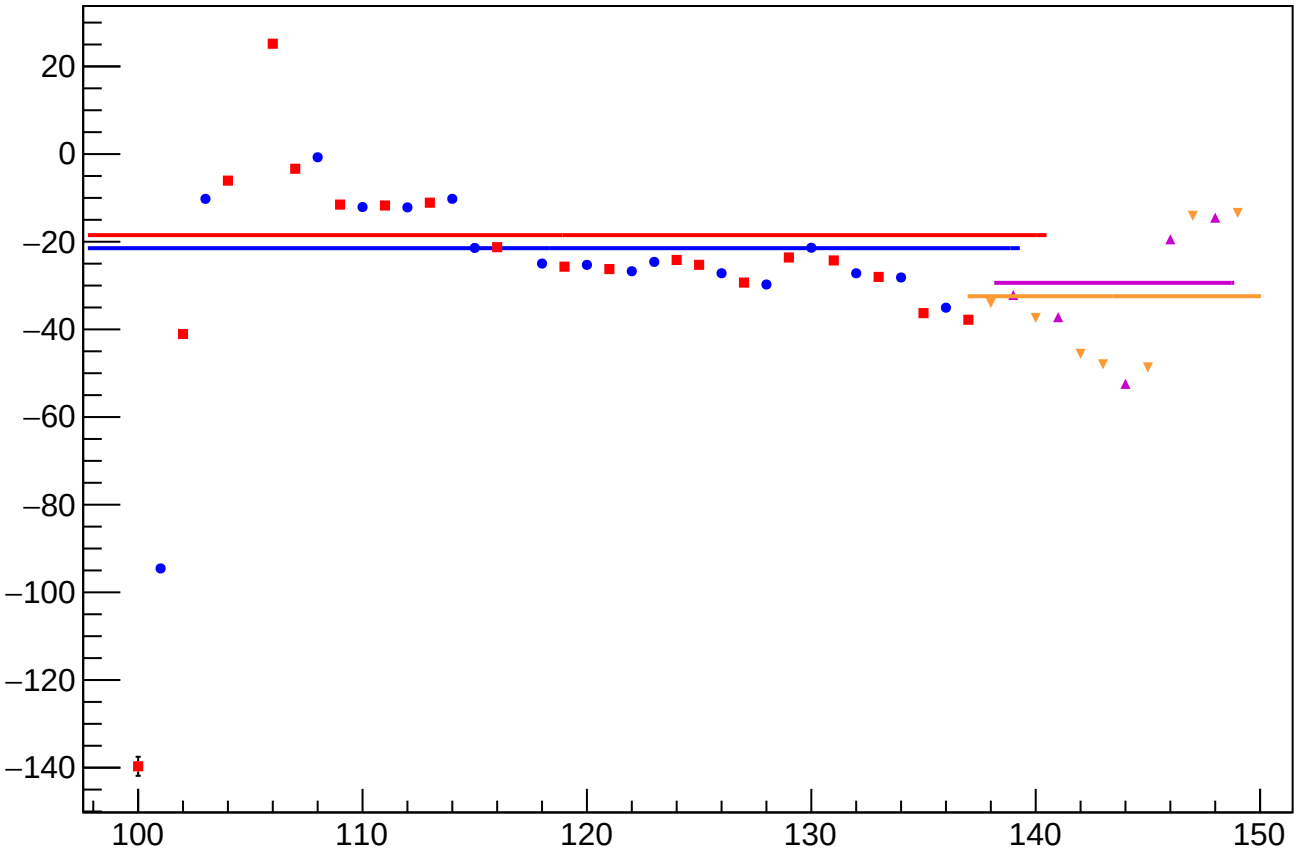
Left: -15.710+/-0.776 χ^2/NDF: 266.3/11

Right: -34.498+/-0.716 χ^2/NDF: 583.4/35

In: -24.754+/-0.771 χ^2/NDF:562.9/21

Out: -26.821+/-0.721 χ^2/NDF:599.3/25

All: -25.856+/-0.526 χ^2/NDF: 1166.1/47



Right In: -21.469+/-0.059 χ^2/NDF: 48979.5/16

Left Out: -32.433+/-0.053 χ^2/NDF:71090.6/6

Right Out: -18.496+/-0.057 χ^2/NDF: 80700.9/18

Left In: -29.378+/-0.057 χ^2/NDF:47093.0/4

Left: -31.018+/-0.039 χ^2/NDF: 119742.8/11

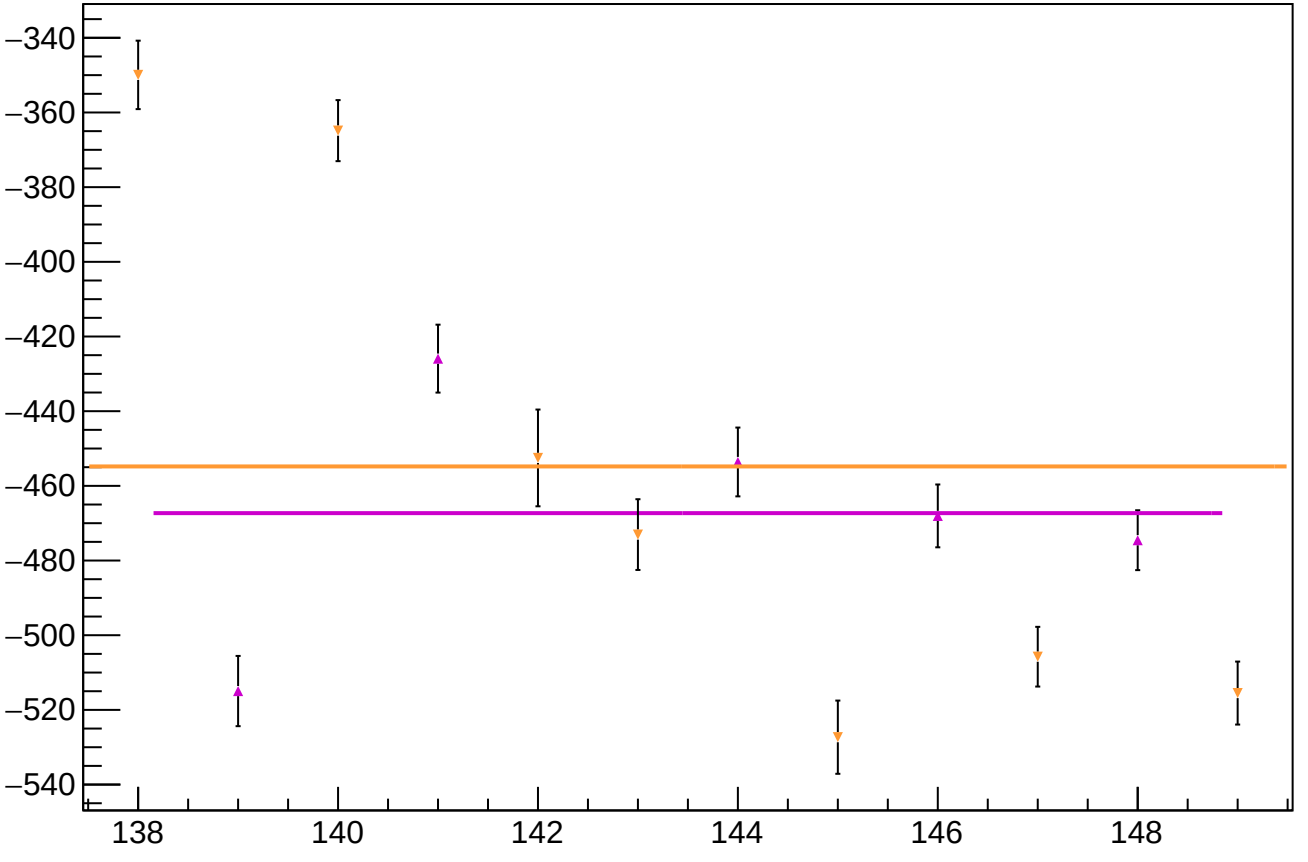
Right: -19.947+/-0.041 χ^2/NDF: 130991.7/35

In: -25.565+/-0.041 χ^2/NDF:105461.9/21

Out: -26.059+/-0.039 χ^2/NDF:183828.8/25

All: -25.824+/-0.028 χ^2/NDF: 289367.7/47

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.799+/-3.449 χ^2/NDF:402.8/6

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

Left In: -467.305+/-3.927 χ^2/NDF:49.4/4

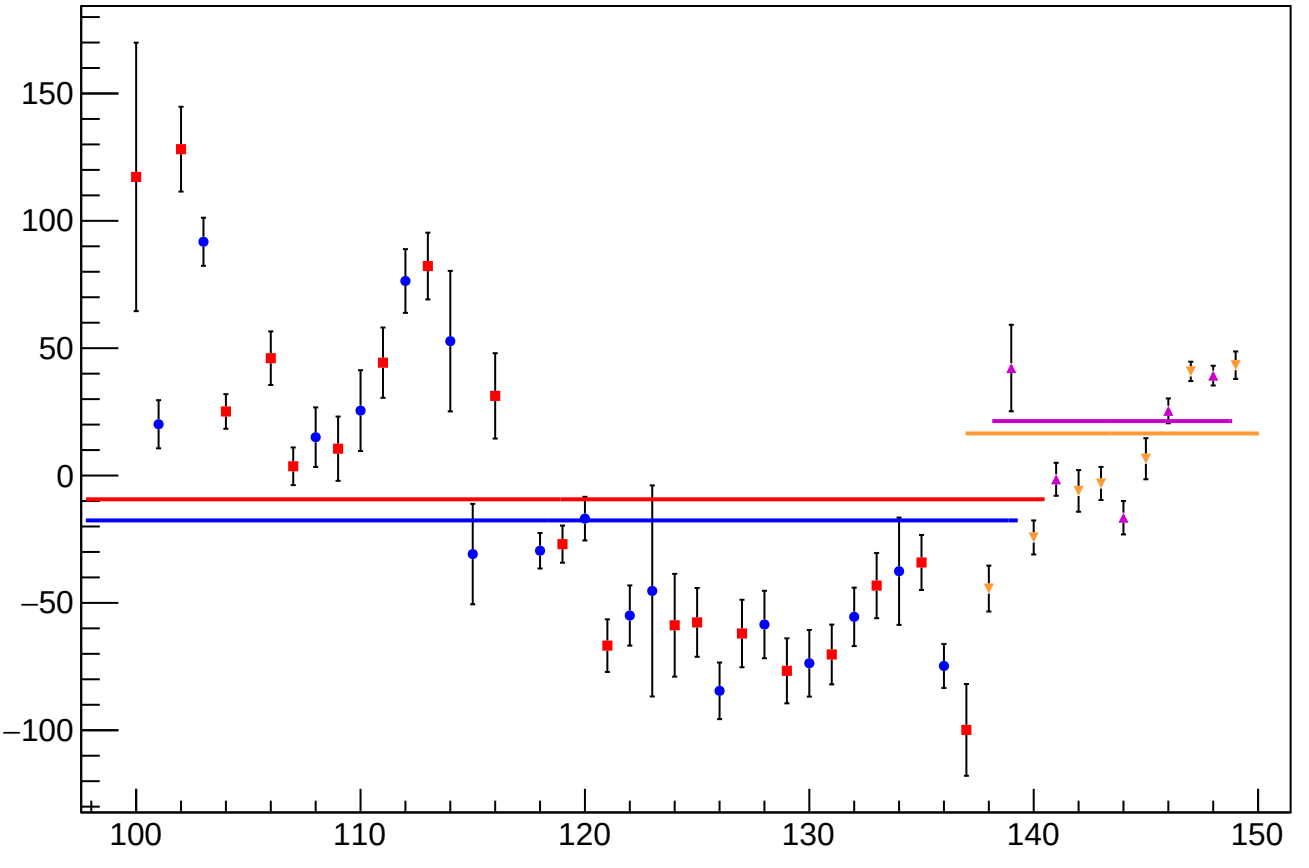
Left: -460.245+/-2.591 χ^2/NDF: 457.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -467.305+/-3.927 χ^2/NDF:49.4/4

Out: -454.799+/-3.449 χ^2/NDF:402.8/6

All: -460.245+/-2.591 χ^2/NDF: 457.9/11



Right In: -17.619+/-2.786 χ^2/NDF: 362.0/16

Left Out: 16.525+/-2.278 χ^2/NDF:167.3/6

Right Out: -9.330+/-2.609 χ^2/NDF: 366.5/18

Left In: 21.385+/-2.509 χ^2/NDF:69.1/4

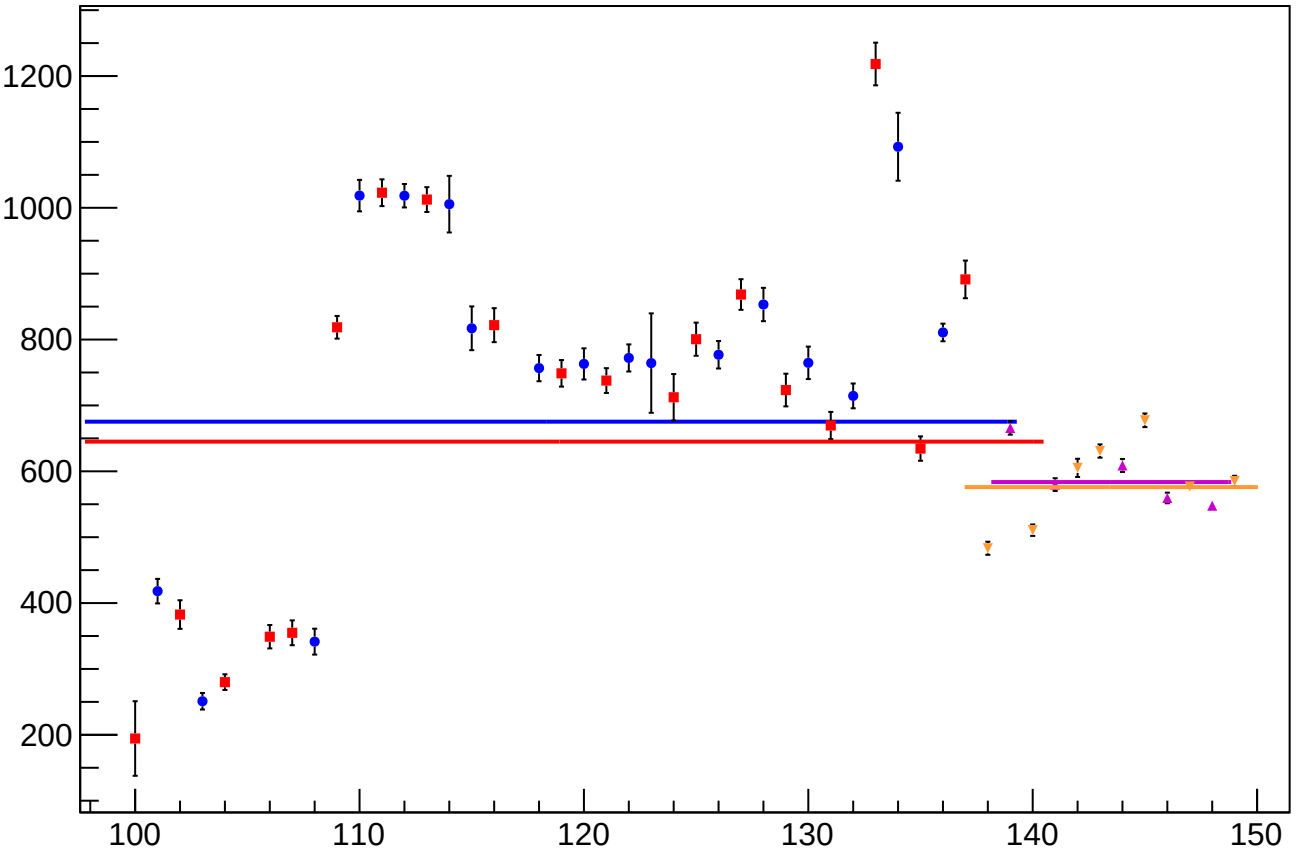
Left: 18.720+/-1.687 χ^2/NDF: 238.5/11

Right: -13.203+/-1.905 χ^2/NDF: 733.2/35

In: 3.916+/-1.865 χ^2/NDF:539.3/21

Out: 5.343+/-1.716 χ^2/NDF:589.5/25

All: 4.689+/-1.263 χ^2/NDF: 1129.1/47



Right In: 675.339+/-5.046 χ^2/NDF: 2582.7/16

Left Out: 576.031+/-3.499 χ^2/NDF:275.1/6

Right Out: 645.022+/-4.758 χ^2/NDF: 3122.8/18

Left In: 583.688+/-3.958 χ^2/NDF:103.6/4

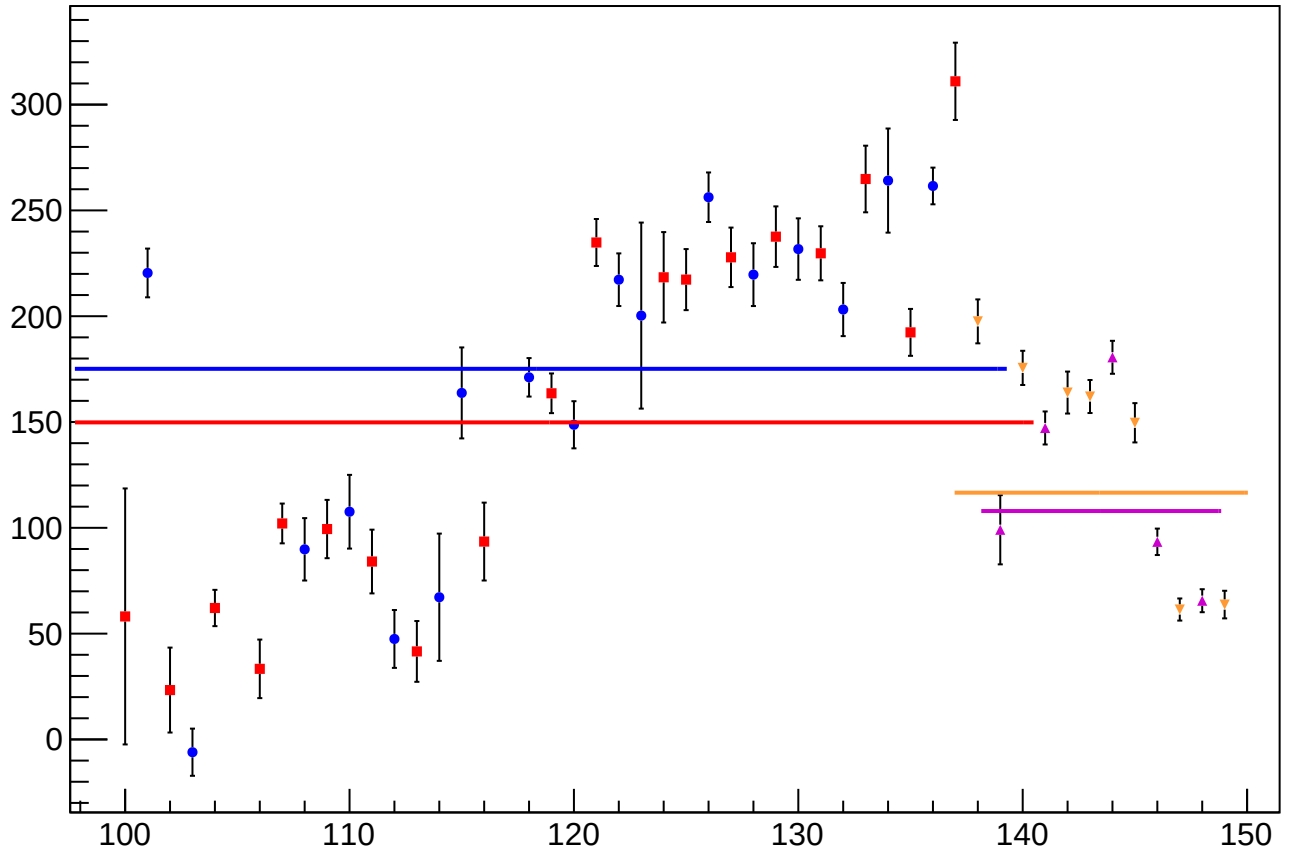
Left: 579.389+/-2.621 χ^2/NDF: 380.8/11

Right: 659.291+/-3.462 χ^2/NDF: 5724.6/35

In: 618.601+/-3.114 χ^2/NDF:2890.6/21

Out: 600.244+/-2.819 χ^2/NDF:3534.3/25

All: 608.510+/-2.090 χ^2/NDF: 6444.0/47



Right In: 175.142+/-3.209 χ^2/NDF: 635.6/16

Left Out: 116.614+/-2.853 χ^2/NDF:360.7/6

Right Out: 149.822+/-3.041 χ^2/NDF: 688.5/18

Left In: 107.940+/-3.225 χ^2/NDF:178.8/4

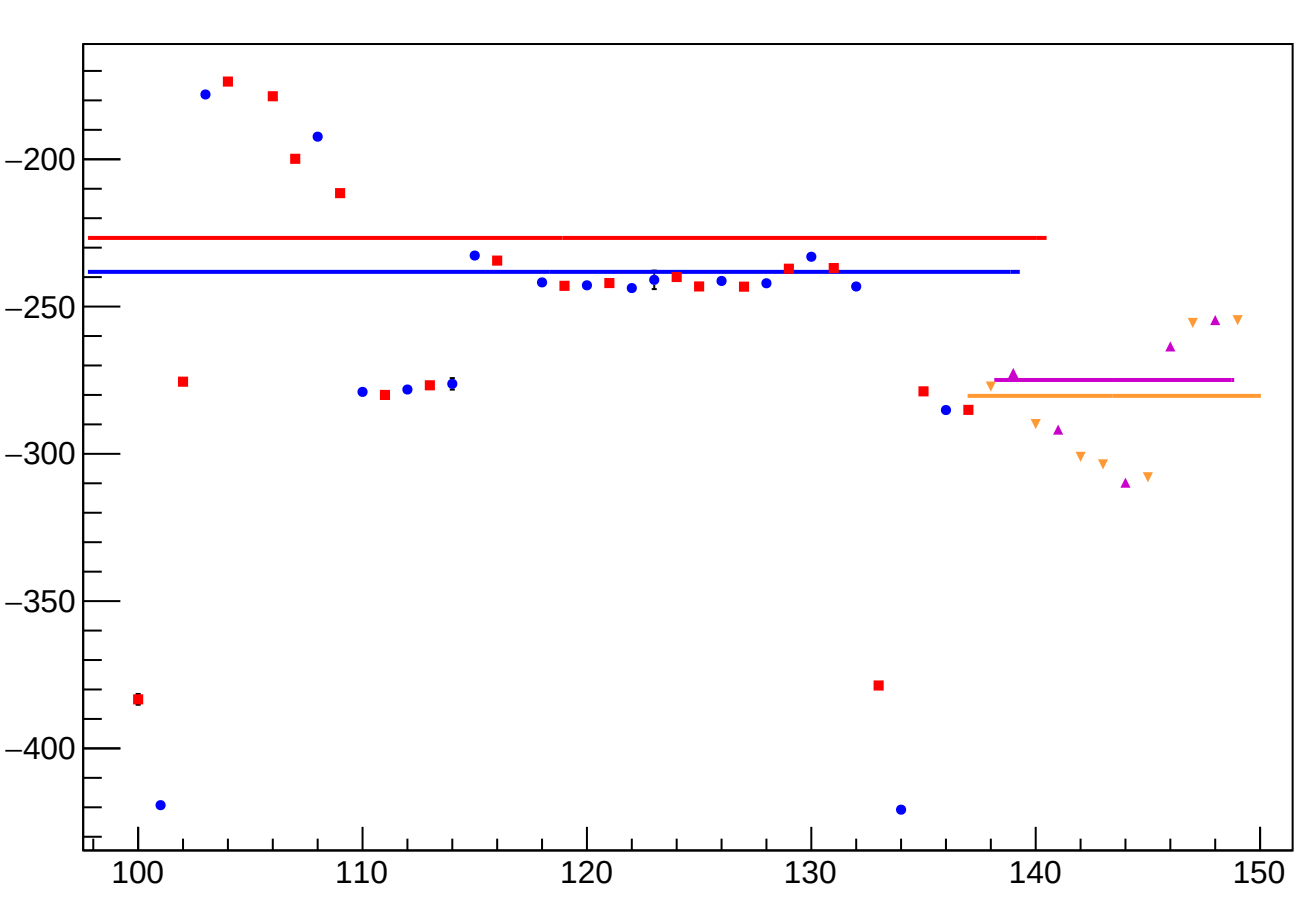
Left: 112.807+/-2.137 χ^2/NDF: 543.6/11

Right: 161.803+/-2.208 χ^2/NDF: 1356.9/35

In: 141.707+/-2.275 χ^2/NDF:1032.6/21

Out: 132.155+/-2.081 χ^2/NDF:1112.6/25

All: 136.506+/-1.535 χ^2/NDF: 2154.8/47



Right In: -238.217+/-0.160 χ^2/NDF: 167098.2/16

Left Out: -280.317+/-0.149 χ^2/NDF:20485.9/6

Right Out: -226.696+/-0.151 χ^2/NDF: 102814.8/18

Left In: -274.923+/-0.165 χ^2/NDF:13376.5/4

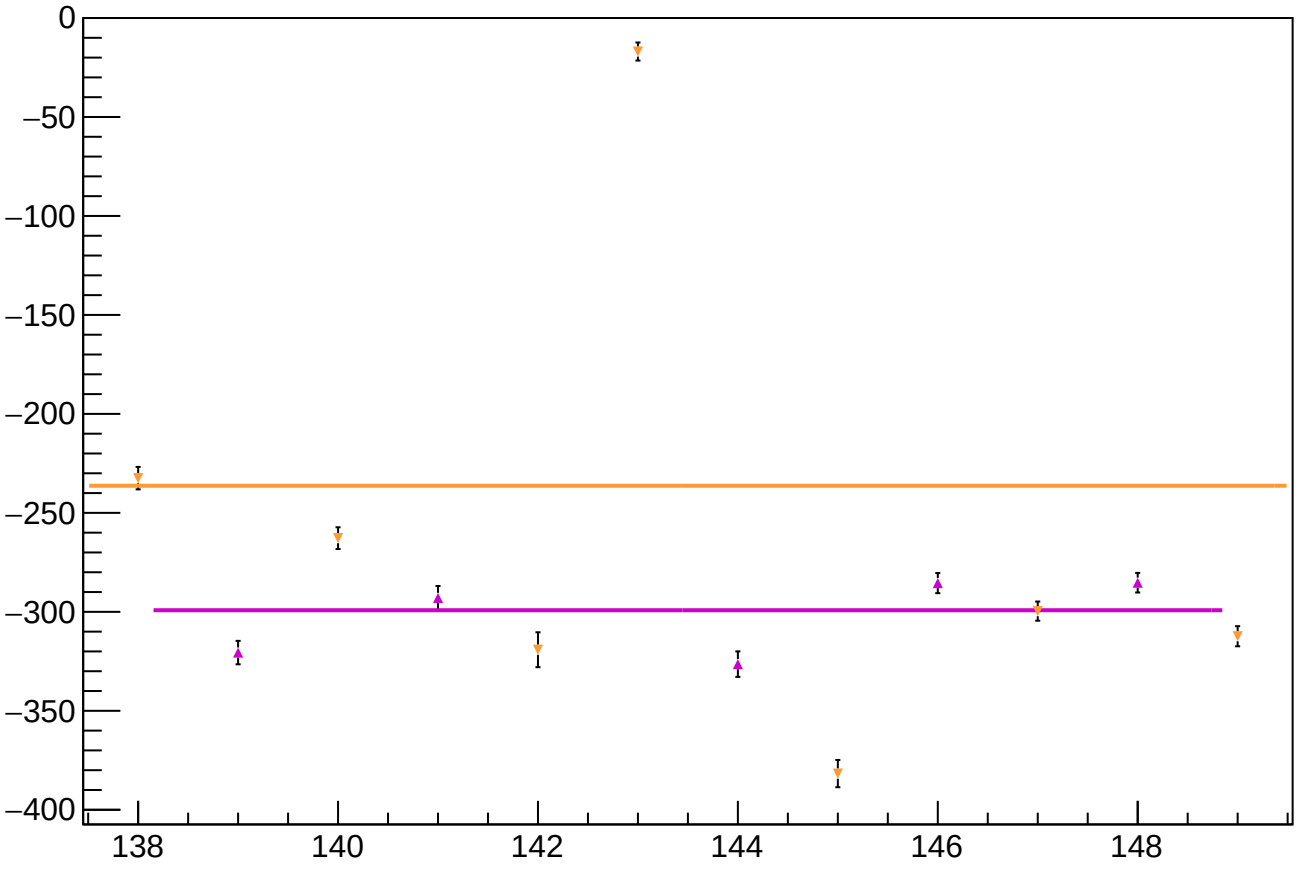
Left: -277.903+/-0.111 χ^2/NDF: 34450.0/11

Right: -232.123+/-0.110 χ^2/NDF: 272653.1/35

In: -255.969+/-0.115 χ^2/NDF:205909.1/21

Out: -253.898+/-0.106 χ^2/NDF:187225.5/25

All: -254.849+/-0.078 χ^2/NDF: 393309.9/47



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

Left Out: -236.291+/-2.097 χ^2/NDF:3263.4/6

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

Left In: -299.190+/-2.503 χ^2/NDF:47.2/4

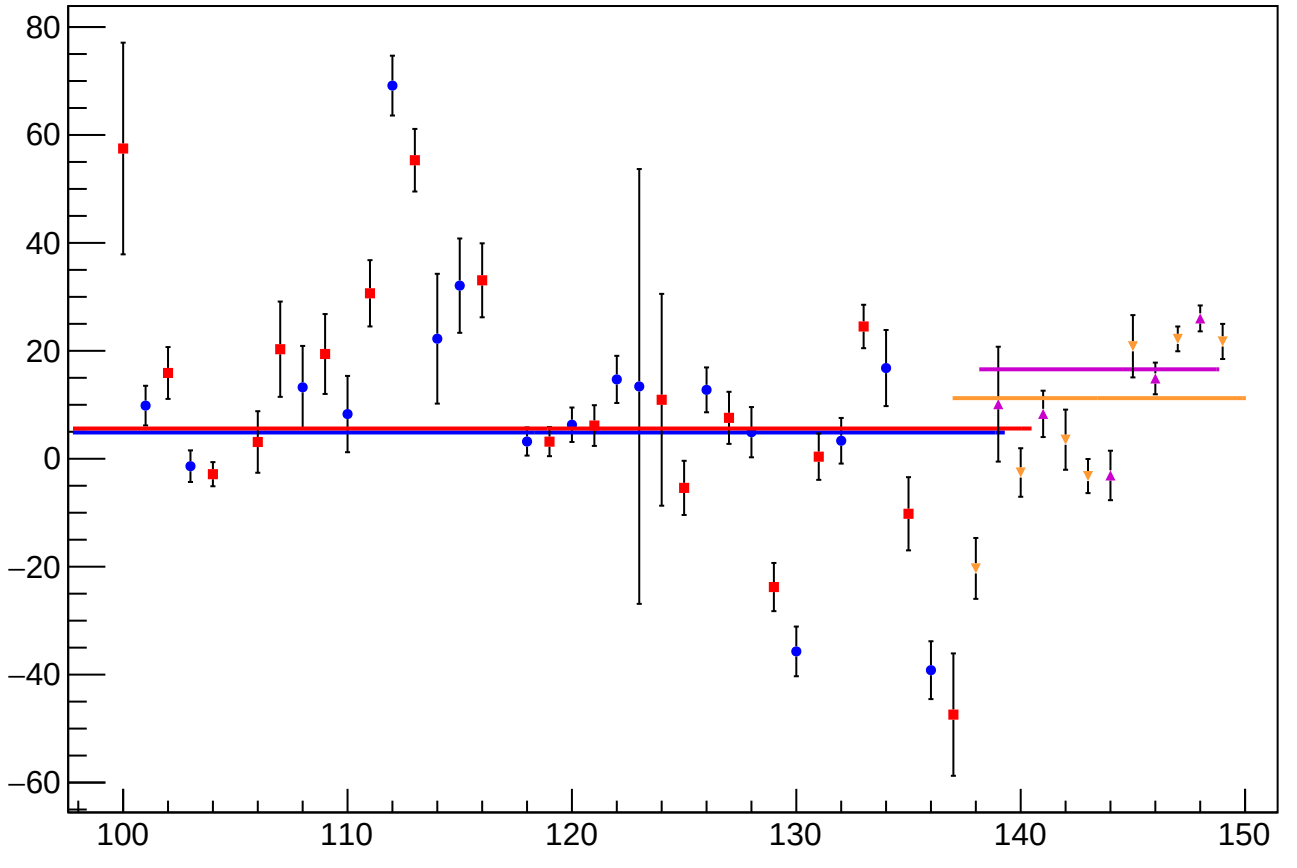
Left: -262.226+/-1.607 χ^2/NDF: 3681.6/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -299.190+/-2.503 χ^2/NDF:47.2/4

Out: -236.291+/-2.097 χ^2/NDF:3263.4/6

All: -262.226+/-1.607 χ^2/NDF: 3681.6/11



Right In: 4.870+/-1.091 χ^2/NDF: 311.5/16

Left Out: 11.233+/-1.377 χ^2/NDF:99.5/6

Right Out: 5.605+/-1.069 χ^2/NDF: 238.6/18

Left In: 16.574+/-1.581 χ^2/NDF:38.3/4

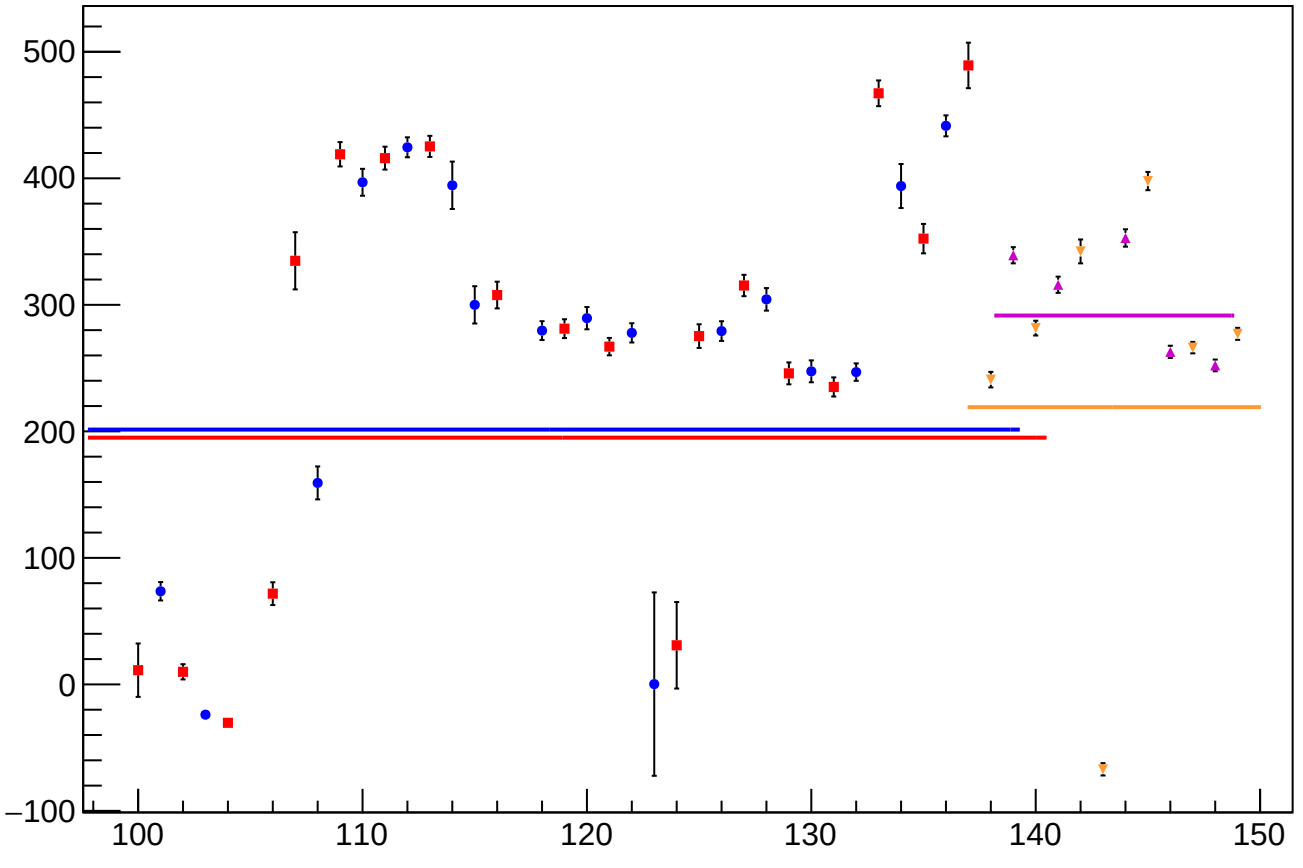
Left: 13.538+/-1.038 χ^2/NDF: 144.2/11

Right: 5.245+/-0.764 χ^2/NDF: 550.3/35

In: 8.645+/-0.898 χ^2/NDF:387.0/21

Out: 7.722+/-0.845 χ^2/NDF:348.5/25

All: 8.155+/-0.615 χ^2/NDF: 736.0/47



Right In: 201.407+/-1.974 χ^2/NDF: 6740.4/16

Left Out: 219.117+/-2.125 χ^2/NDF:4624.7/6

Right Out: 195.024+/-1.923 χ^2/NDF: 8254.7/18

Left In: 291.539+/-2.511 χ^2/NDF:255.9/4

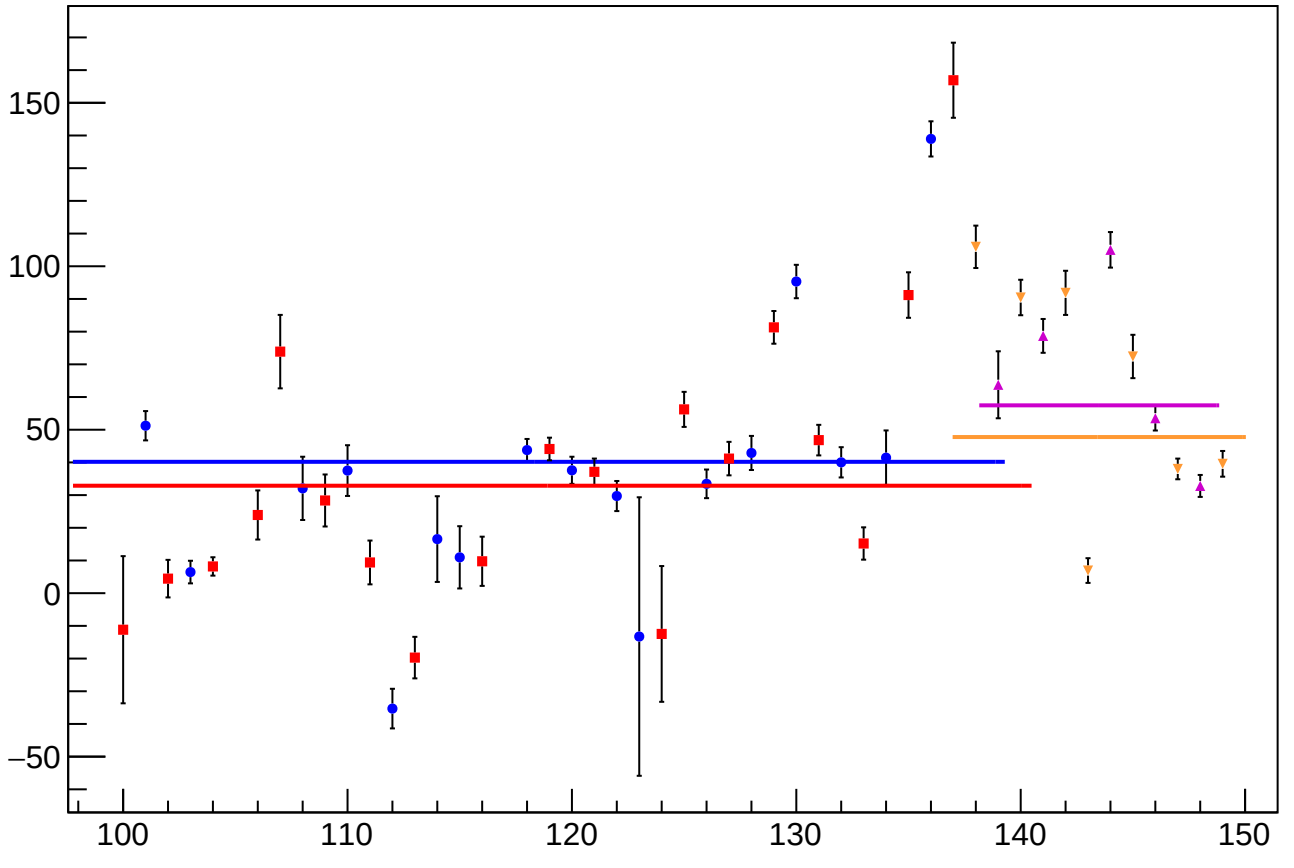
Left: 249.336+/-1.622 χ^2/NDF: 5365.2/11

Right: 198.133+/-1.377 χ^2/NDF: 15000.5/35

In: 235.818+/-1.552 χ^2/NDF:7792.6/21

Out: 205.871+/-1.426 χ^2/NDF:12950.0/25

All: 219.581+/-1.050 χ^2/NDF: 20944.5/47



Right In: 40.183+/-1.270 χ^2/NDF: 734.0/16

Left Out: 47.761+/-1.723 χ^2/NDF:329.5/6

Right Out: 32.873+/-1.251 χ^2/NDF: 551.0/18

Left In: 57.457+/-2.042 χ^2/NDF:148.7/4

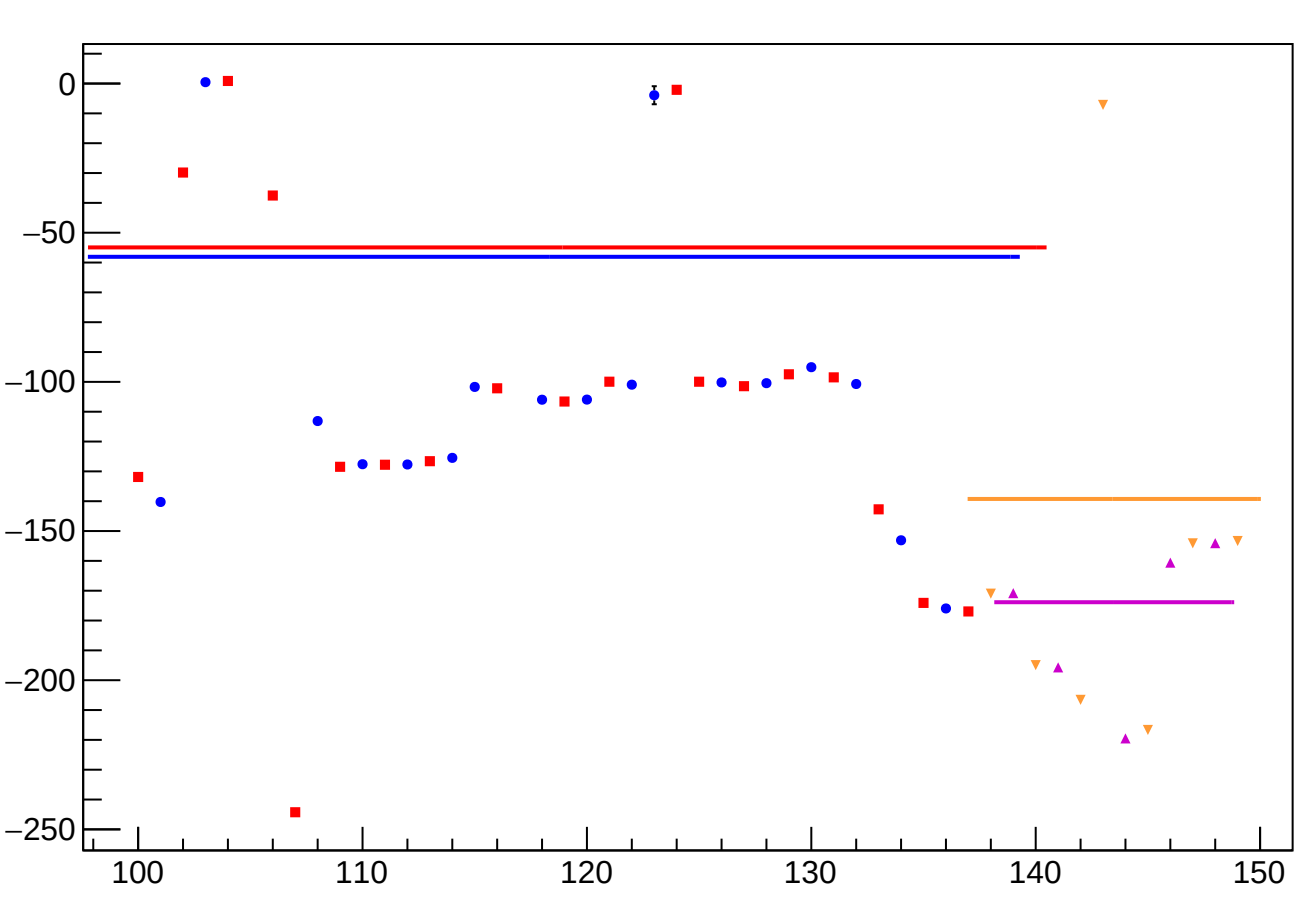
Left: 51.793+/-1.317 χ^2/NDF: 491.4/11

Right: 36.473+/-0.891 χ^2/NDF: 1301.8/35

In: 45.001+/-1.078 χ^2/NDF:934.3/21

Out: 38.012+/-1.012 χ^2/NDF:929.4/25

All: 41.285+/-0.738 χ^2/NDF: 1886.1/47



Right In: -58.077+/-0.062 χ^2/NDF: 1104437.7/16

Left Out: -139.244+/-0.090 χ^2/NDF:636326.4/6

Right Out: -54.929+/-0.060 χ^2/NDF: 1003908.6/18

Left In: -173.858+/-0.105 χ^2/NDF:43546.7/4

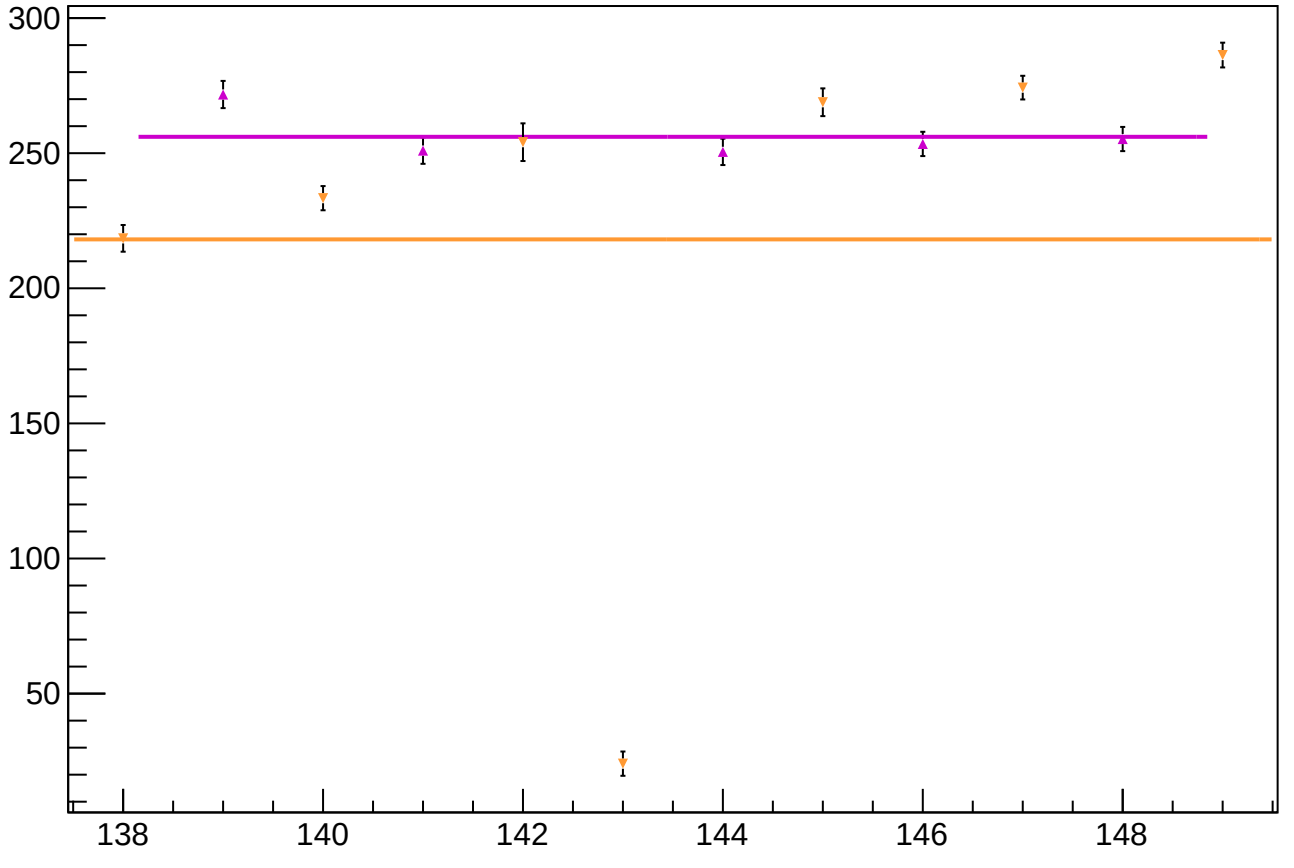
Left: -153.935+/-0.068 χ^2/NDF: 742422.5/11

Right: -56.466+/-0.043 χ^2/NDF: 2109681.6/35

In: -87.737+/-0.053 χ^2/NDF:2052384.8/21

Out: -80.926+/-0.050 χ^2/NDF:2245025.6/25

All: -84.128+/-0.036 χ^2/NDF: 4306112.4/47



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

Left Out: 218.102+/-1.830 χ^2/NDF:2388.1/6

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

Left In: 256.063+/-2.120 χ^2/NDF:12.4/4

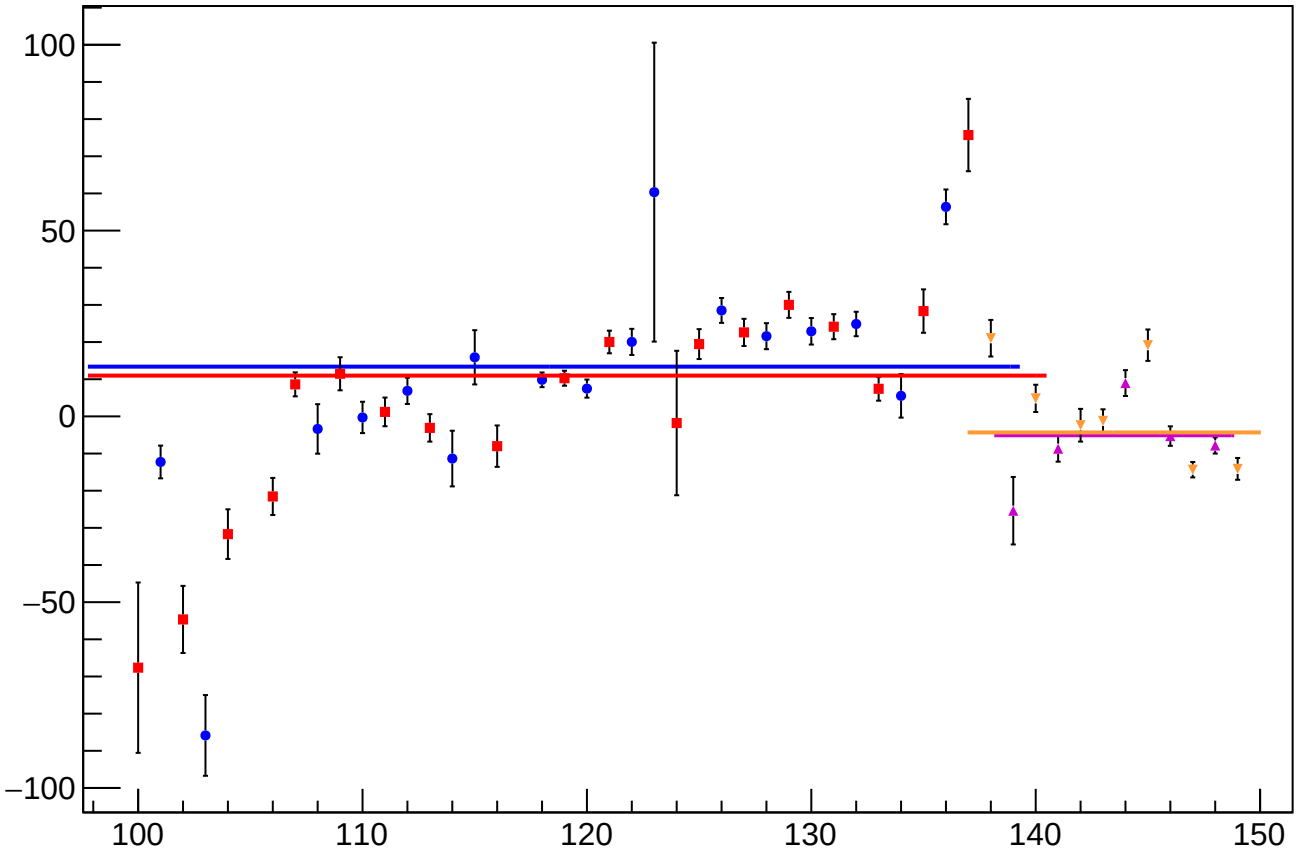
Left: 234.311+/-1.385 χ^2/NDF: 2584.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 256.063+/-2.120 χ^2/NDF:12.4/4

Out: 218.102+/-1.830 χ^2/NDF:2388.1/6

All: 234.311+/-1.385 χ^2/NDF: 2584.3/11



Right In: 13.385+/-0.921 χ^2/NDF: 294.1/16

Left Out: -4.321+/-1.218 χ^2/NDF:99.2/6

Right Out: 10.975+/-0.915 χ^2/NDF: 304.0/18

Left In: -5.080+/-1.368 χ^2/NDF:24.0/4

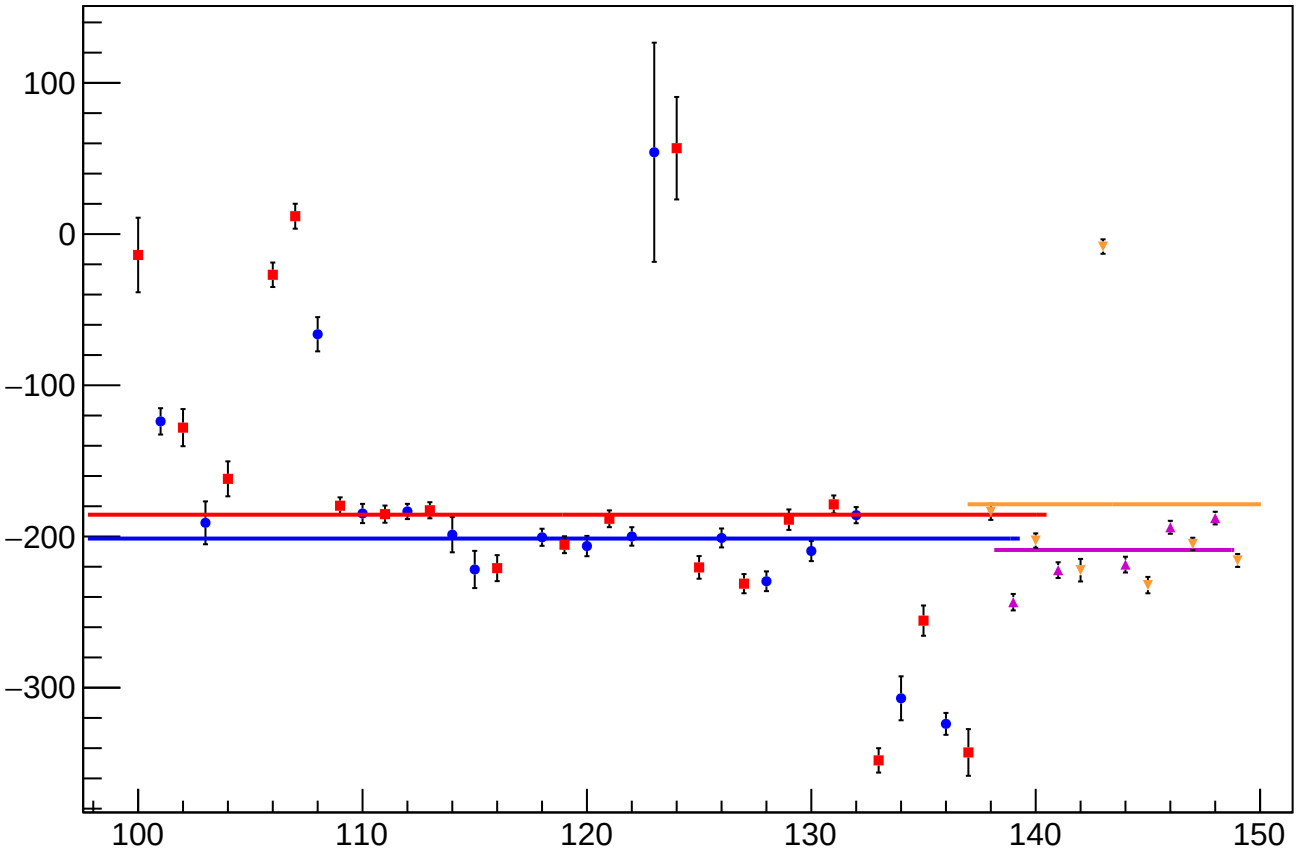
Left: -4.657+/-0.910 χ^2/NDF: 123.4/11

Right: 12.172+/-0.649 χ^2/NDF: 601.5/35

In: 7.626+/-0.764 χ^2/NDF:443.4/21

Out: 5.460+/-0.731 χ^2/NDF:504.1/25

All: 6.495+/-0.528 χ^2/NDF: 951.7/47



Right In: -201.367+/-1.784 χ^2/NDF: 625.0/16

Left Out: -178.686+/-1.861 χ^2/NDF:1539.4/6

Right Out: -185.589+/-1.699 χ^2/NDF: 1748.2/18

Left In: -208.915+/-2.141 χ^2/NDF:87.6/4

Left: -191.700+/-1.405 χ^2/NDF: 1740.6/11

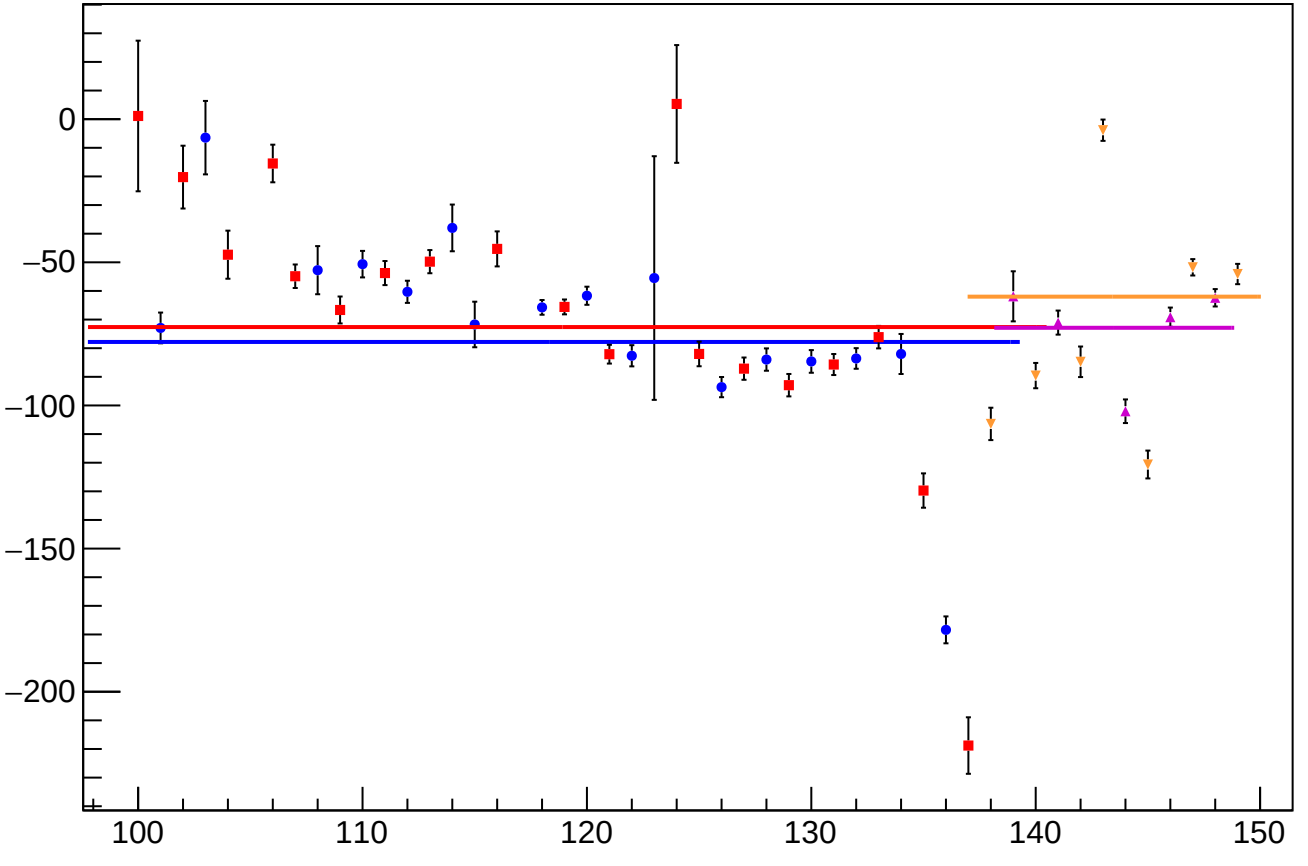
Right: -193.097+/-1.230 χ^2/NDF: 2414.3/35

In: -204.460+/-1.370 χ^2/NDF:720.0/21

Out: -182.451+/-1.255 χ^2/NDF:3295.1/25

All: -192.491+/-0.926 χ^2/NDF: 4155.4/47

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818+/-1.068 χ^2/NDF: 656.4/16

Left Out: -61.994+/-1.519 χ^2/NDF:526.4/6

Right Out: -72.616+/-1.053 χ^2/NDF: 606.8/18

Left In: -72.870+/-1.753 χ^2/NDF:64.8/4

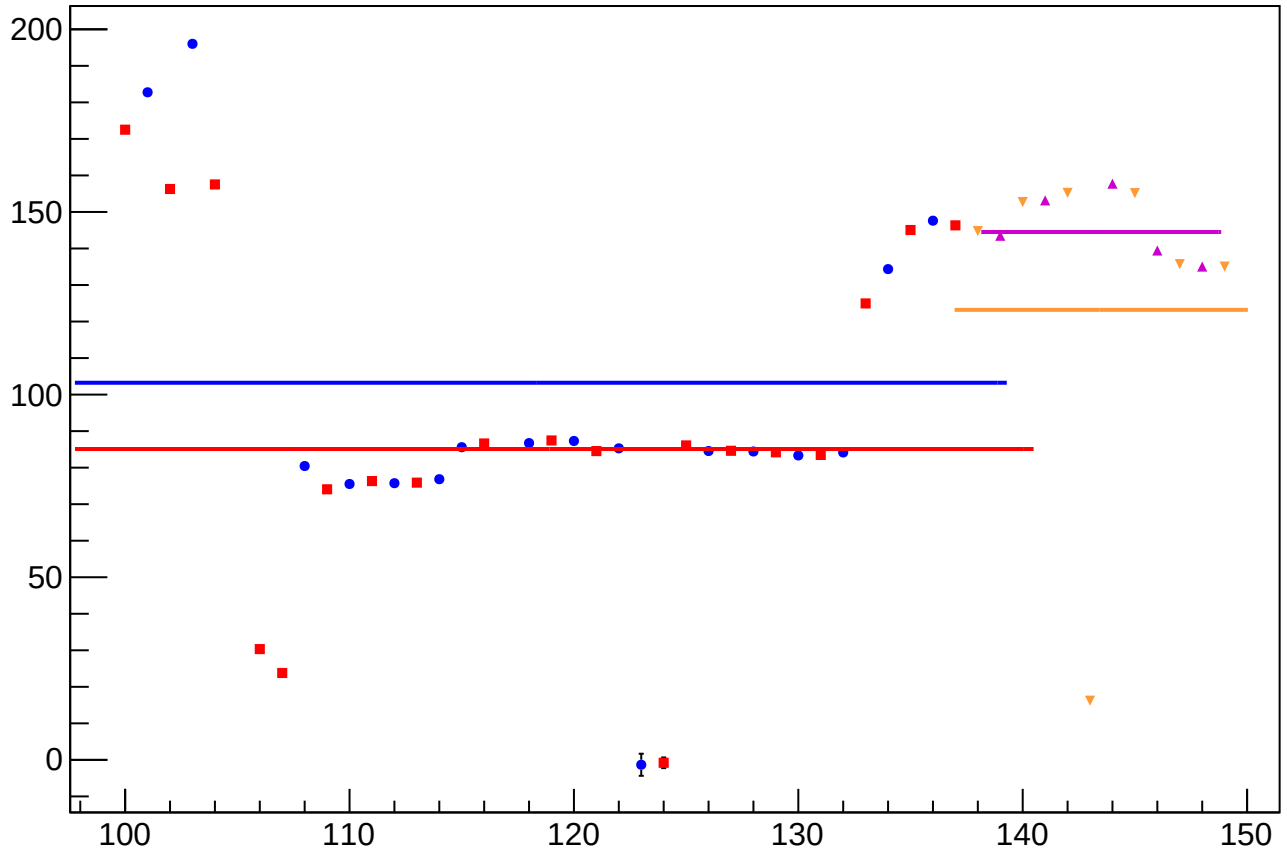
Left: -66.658+/-1.148 χ^2/NDF: 613.1/11

Right: -75.179+/-0.750 χ^2/NDF: 1275.2/35

In: -76.478+/-0.912 χ^2/NDF:726.9/21

Out: -69.168+/-0.865 χ^2/NDF:1166.3/25

All: -72.631+/-0.628 χ^2/NDF: 1927.0/47



Right In: 103.247+/-0.070 χ^2/NDF: 273390.3/16

Left Out: 123.202+/-0.079 χ^2/NDF:382196.9/6

Right Out: 85.105+/-0.064 χ^2/NDF: 423525.6/18

Left In: 144.514+/-0.089 χ^2/NDF:8497.4/4

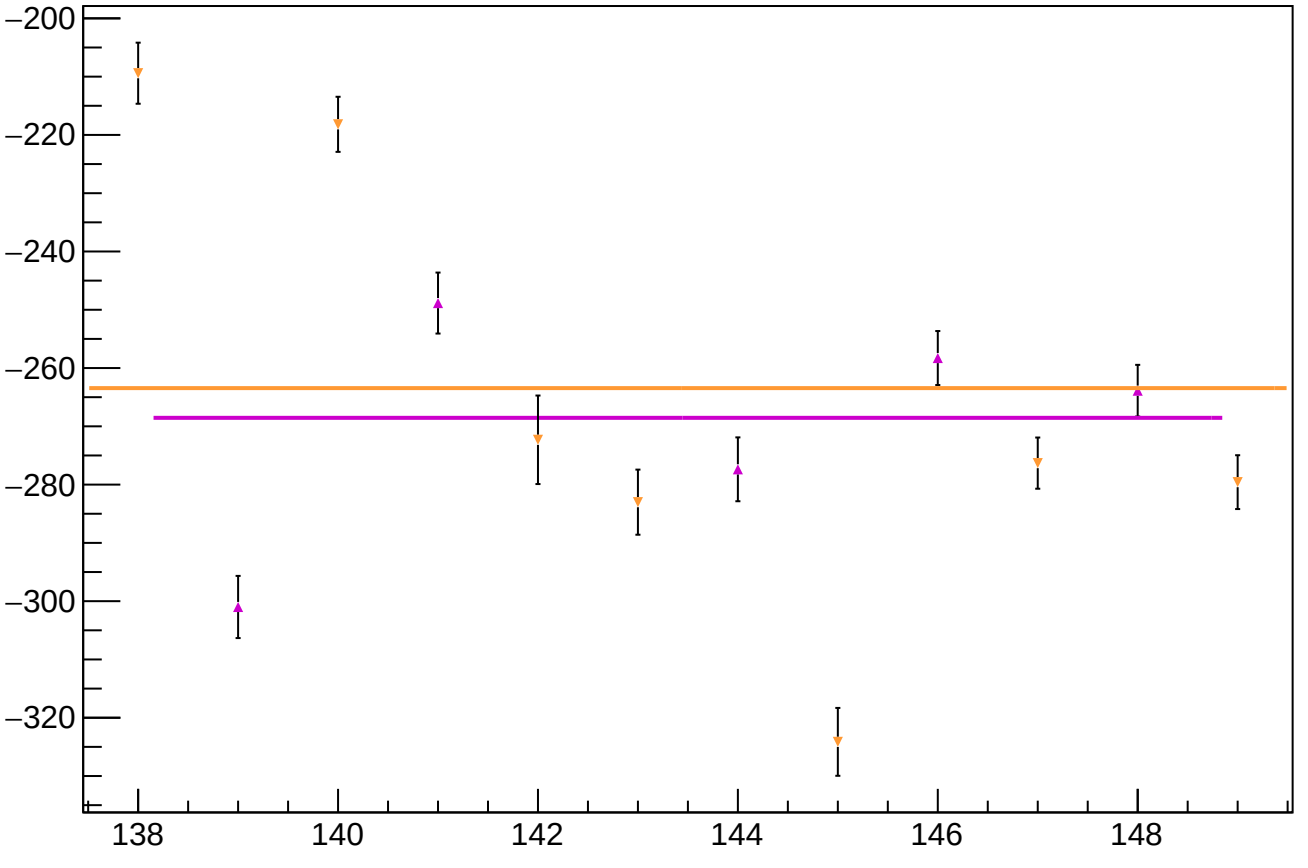
Left: 132.513+/-0.059 χ^2/NDF: 422673.9/11

Right: 93.266+/-0.047 χ^2/NDF: 733393.3/35

In: 119.053+/-0.055 χ^2/NDF:413269.5/21

Out: 100.171+/-0.050 χ^2/NDF:947133.0/25

All: 108.569+/-0.037 χ^2/NDF: 1425028.6/47



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

Left Out: -263.444+/-1.966 χ^2/NDF:341.2/6

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

Left In: -268.542+/-2.222 χ^2/NDF:59.8/4

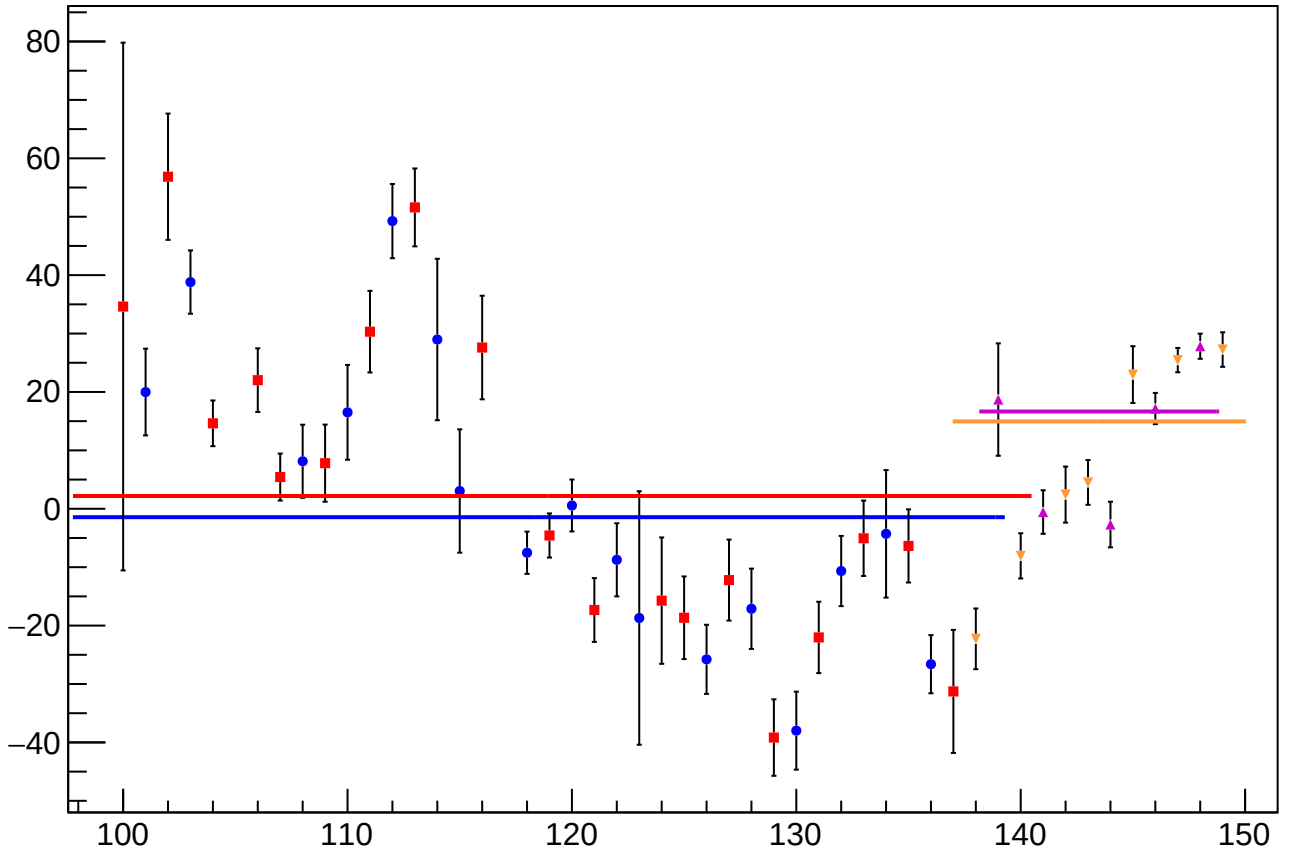
Left: -265.682+/-1.472 χ^2/NDF: 403.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -268.542+/-2.222 χ^2/NDF:59.8/4

Out: -263.444+/-1.966 χ^2/NDF:341.2/6

All: -265.682+/-1.472 χ^2/NDF: 403.9/11



Right In: -1.440+/-1.516 χ^2/NDF: 224.4/16

Left Out: 14.956+/-1.288 χ^2/NDF:146.4/6

Right Out: 2.188+/-1.400 χ^2/NDF: 230.7/18

Left In: 16.655+/-1.408 χ^2/NDF:73.0/4

Left: 15.730+/-0.950 χ^2/NDF: 220.2/11

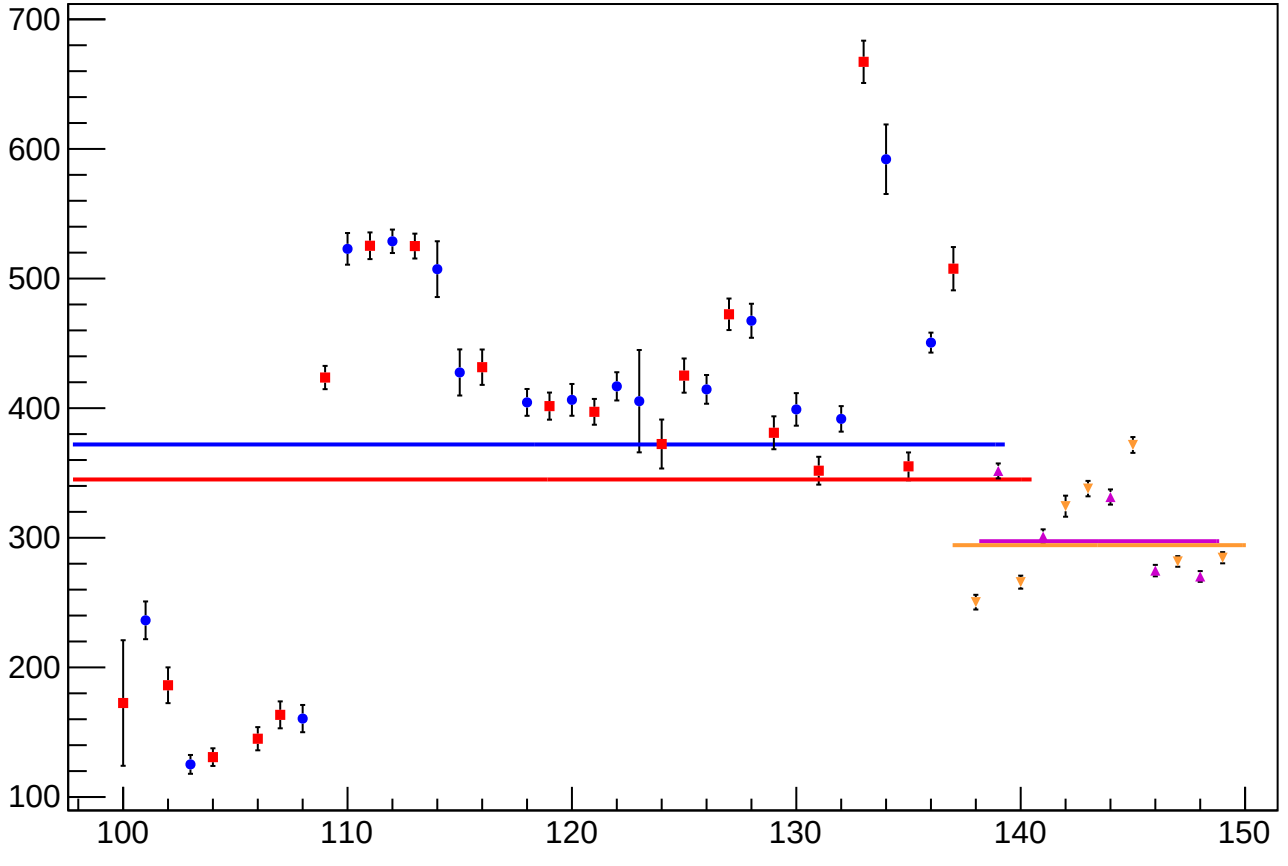
Right: 0.518+/-1.029 χ^2/NDF: 458.2/35

In: 8.274+/-1.032 χ^2/NDF:373.9/21

Out: 9.105+/-0.948 χ^2/NDF:422.1/25

All: 8.724+/-0.698 χ^2/NDF: 796.4/47

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF: 2431.2/16

Left Out: 294.301+/-1.985 χ^2/NDF:334.1/6

Right Out: 344.990+/-2.561 χ^2/NDF: 3414.4/18

Left In: 297.355+/-2.233 χ^2/NDF:191.6/4

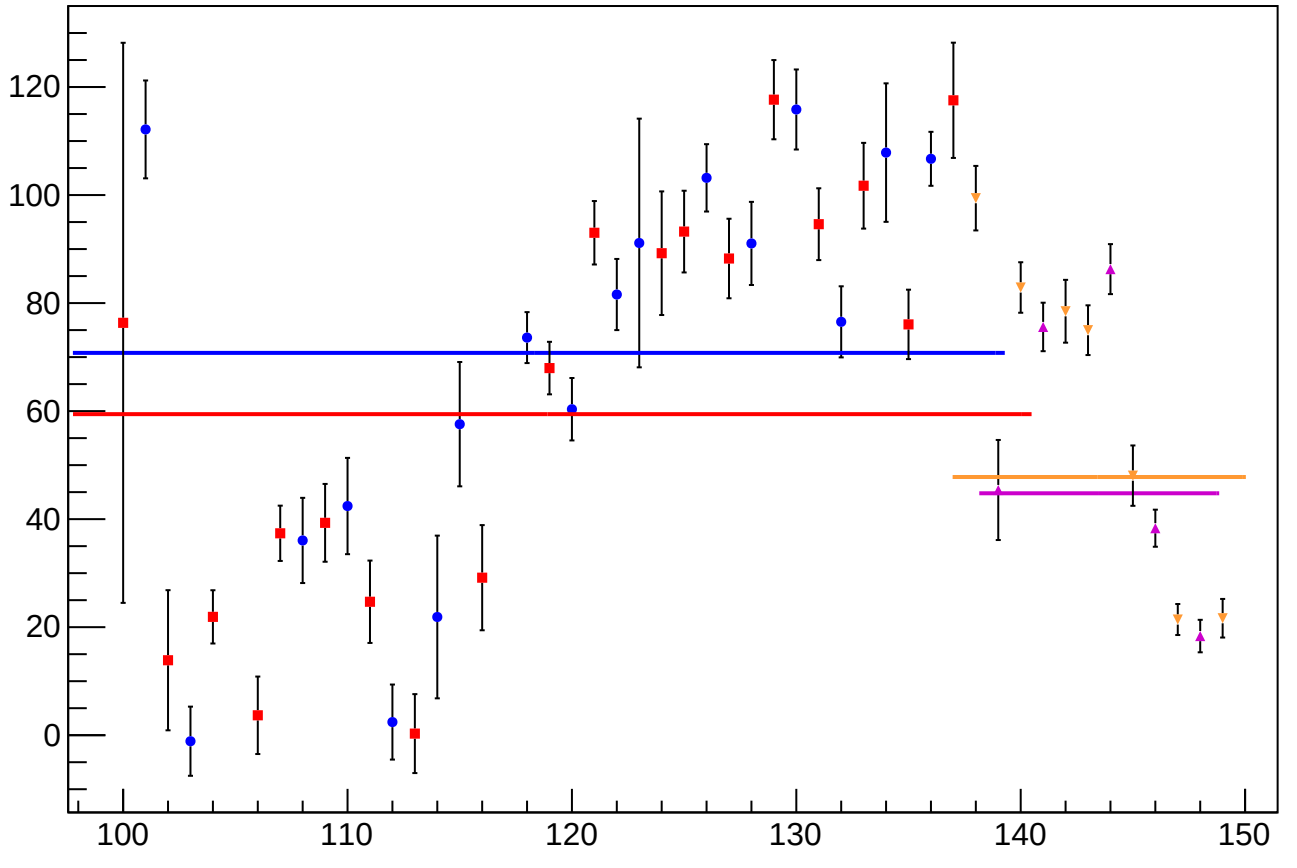
Left: 295.649+/-1.484 χ^2/NDF: 526.7/11

Right: 357.461+/-1.879 χ^2/NDF: 5896.9/35

In: 326.826+/-1.737 χ^2/NDF:3063.9/21

Out: 313.330+/-1.569 χ^2/NDF:3993.2/25

All: 319.393+/-1.164 χ^2/NDF: 7090.3/47



Right In: 70.780+/-1.747 χ^2/NDF: 423.9/16

Left Out: 47.800+/-1.617 χ^2/NDF:331.8/6

Right Out: 59.438+/-1.631 χ^2/NDF: 486.7/18

Left In: 44.787+/-1.815 χ^2/NDF:208.3/4

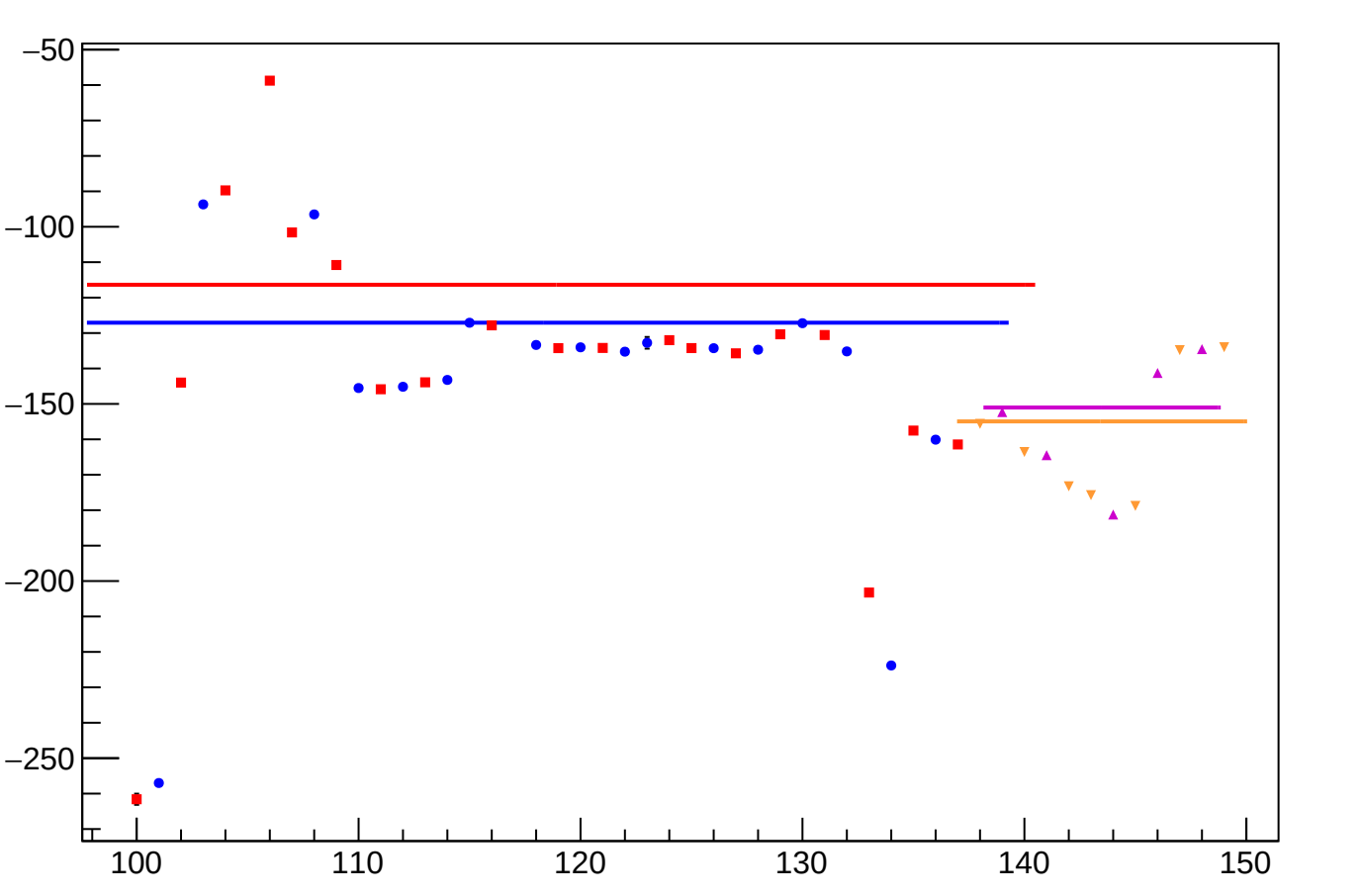
Left: 46.467+/-1.208 χ^2/NDF: 541.6/11

Right: 64.722+/-1.192 χ^2/NDF: 933.1/35

In: 58.285+/-1.259 χ^2/NDF:738.7/21

Out: 53.569+/-1.149 χ^2/NDF:844.1/25

All: 55.712+/-0.848 χ^2/NDF: 1590.5/47



Right In: -127.076+/-0.090 χ^2/NDF: 167028.9/16

Left Out: -154.938+/-0.085 χ^2/NDF:45259.8/6

Right Out: -116.365+/-0.083 χ^2/NDF: 167555.3/18

Left In: -151.023+/-0.093 χ^2/NDF:28341.7/4

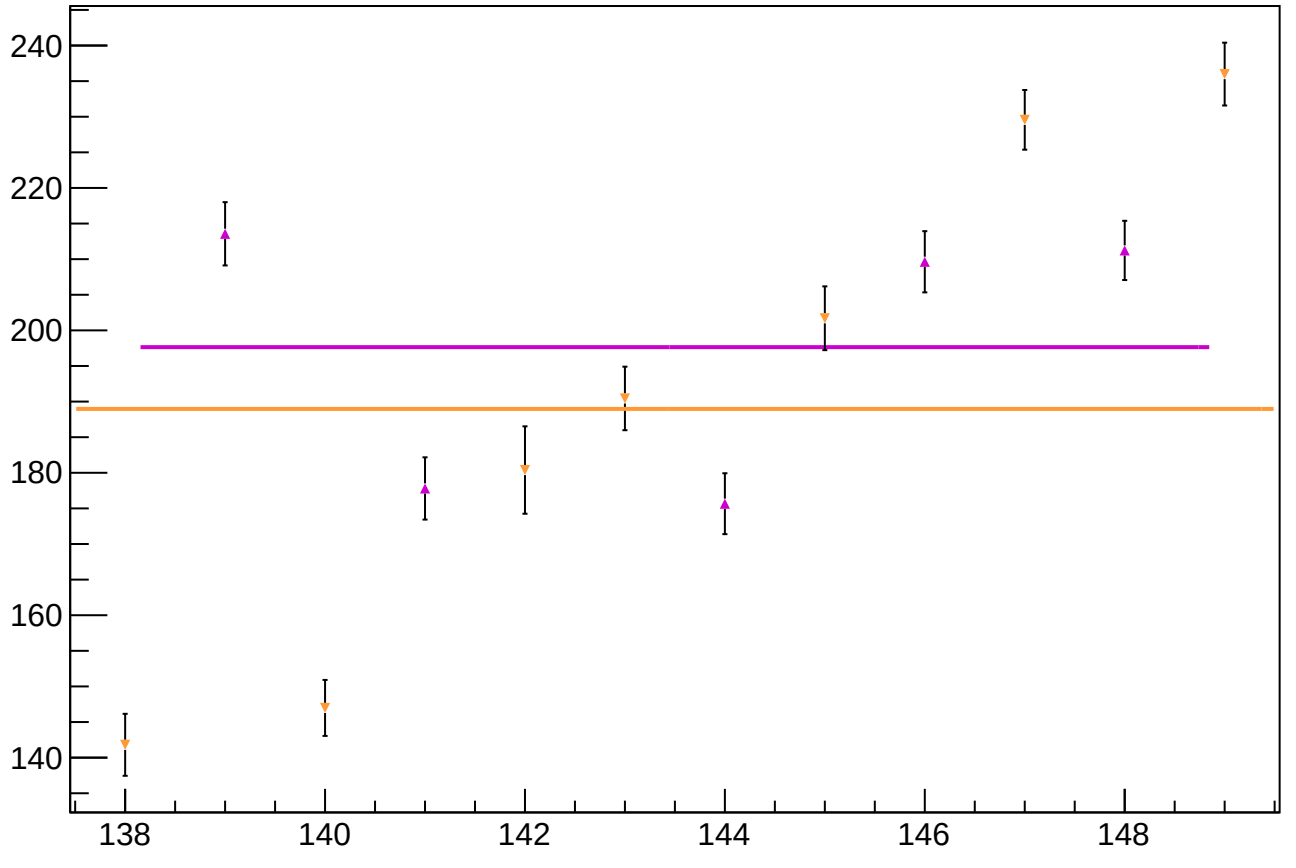
Left: -153.171+/-0.063 χ^2/NDF: 74565.7/11

Right: -121.310+/-0.061 χ^2/NDF: 342291.2/35

In: -138.542+/-0.065 χ^2/NDF:229629.2/21

Out: -135.234+/-0.059 χ^2/NDF:318725.0/25

All: -136.745+/-0.044 χ^2/NDF: 549777.5/47



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

Left Out: 188.972+/-1.684 χ^2/NDF:449.2/6

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

Left In: 197.646+/-1.926 χ^2/NDF:78.3/4

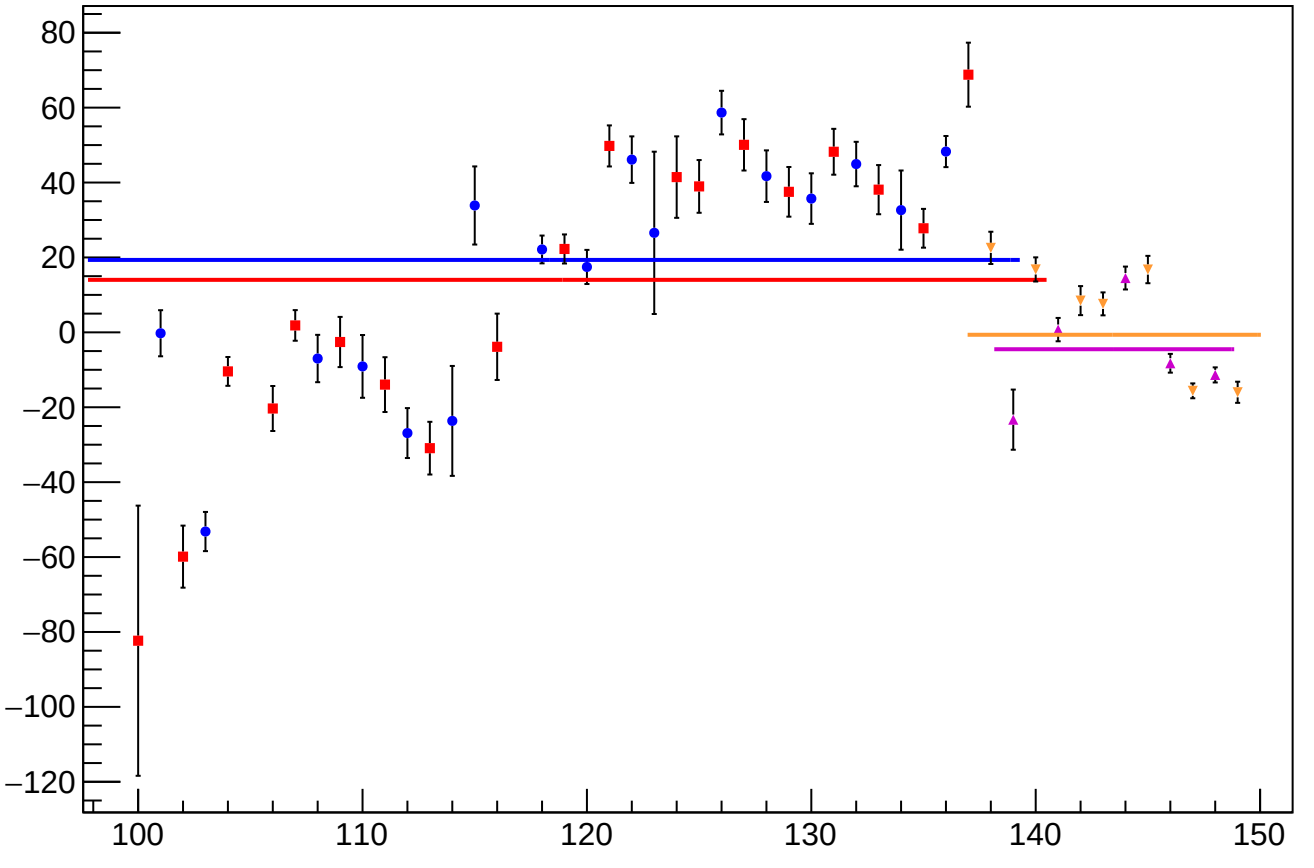
Left: 192.731+/-1.268 χ^2/NDF: 539.0/11

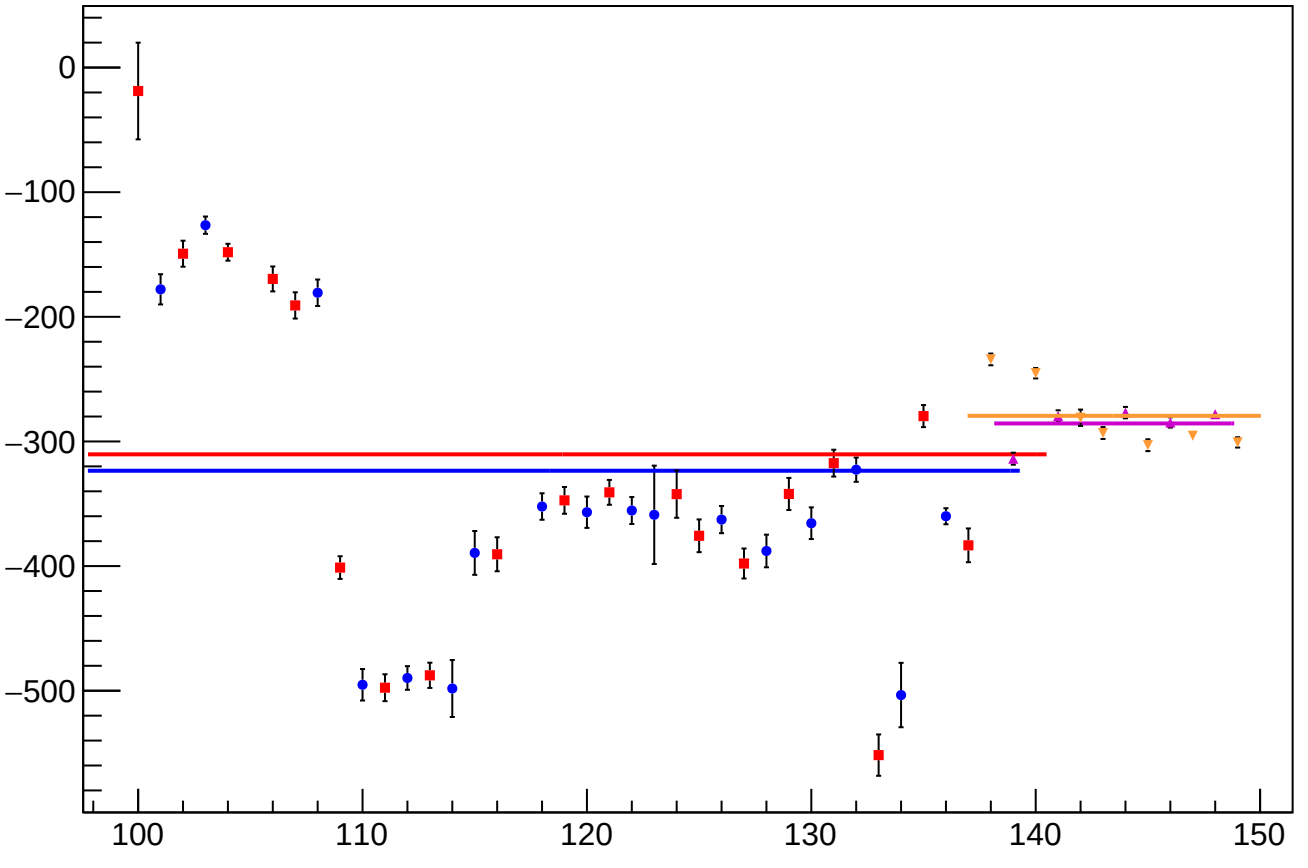
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 197.646+/-1.926 χ^2/NDF:78.3/4

Out: 188.972+/-1.684 χ^2/NDF:449.2/6

All: 192.731+/-1.268 χ^2/NDF: 539.0/11


reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
80
60
40
20
0
−20
−40
−60
−80
−100
−120
100
110
120
130
140
150
Right In: 19.337+/-1.482 χ²/NDF: 439.8/16
Left Out: -0.648+/-1.134 χ²/NDF:180.3/6
Right Out: 14.018+/-1.390 χ²/NDF: 433.2/18
Left In: -4.507+/-1.259 χ²/NDF:60.8/4
Left: -2.377+/-0.843 χ²/NDF: 246.3/11
Right: 16.507+/-1.014 χ²/NDF: 879.9/35
In: 5.485+/-0.960 χ²/NDF:651.0/21
Out: 5.213+/-0.879 χ²/NDF:680.3/25
All: 5.337+/-0.648 χ²/NDF: 1331.4/47



Right In: -323.491+/-2.673 χ^2/NDF: 1847.6/16

Left Out: -279.439+/-1.720 χ^2/NDF:235.3/6

Right Out: -310.336+/-2.522 χ^2/NDF: 2300.5/18

Left In: -285.553+/-1.952 χ^2/NDF:43.5/4

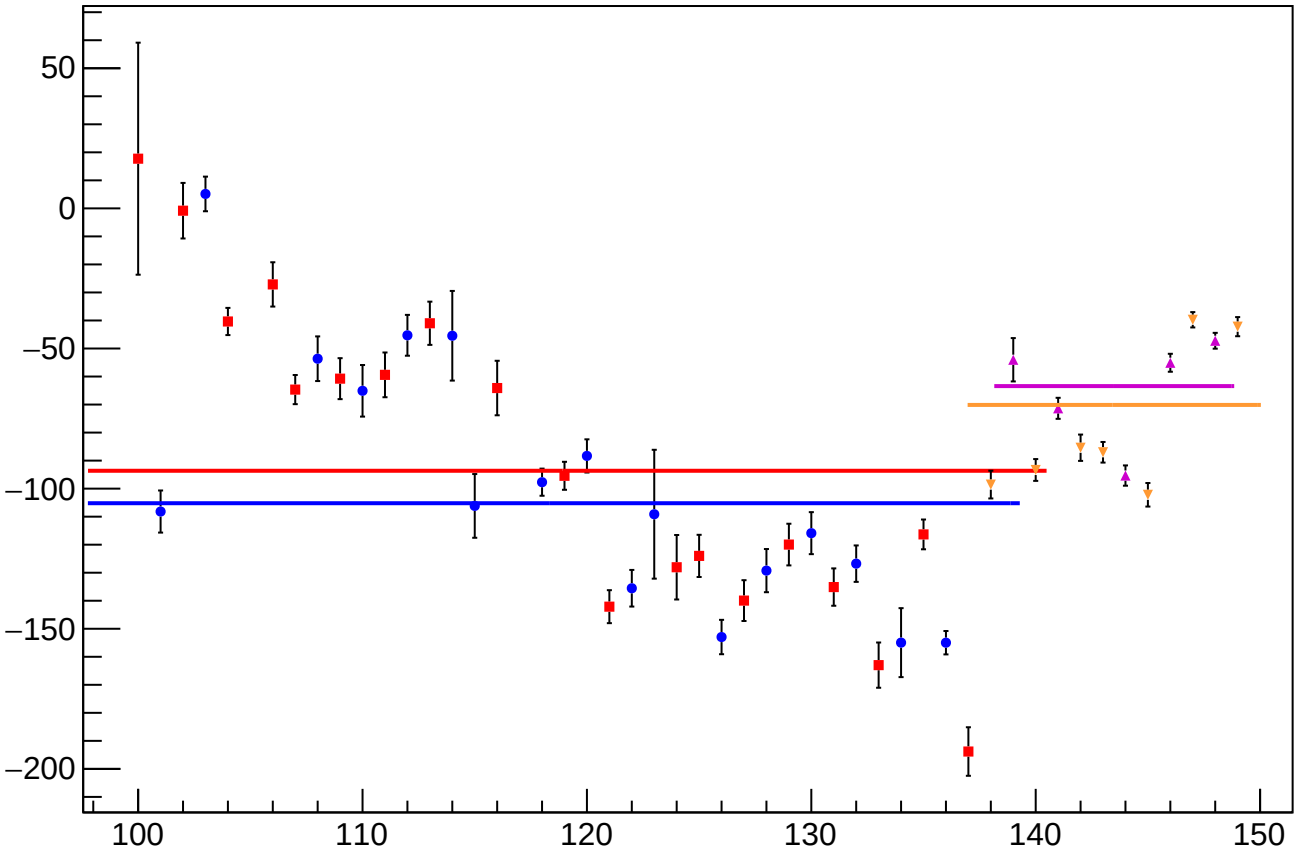
Left: -282.112+/-1.291 χ^2/NDF: 284.3/11

Right: -316.531+/-1.834 χ^2/NDF: 4160.9/35

In: -298.752+/-1.576 χ^2/NDF:2022.4/21

Out: -289.252+/-1.421 χ^2/NDF:2638.3/25

All: -293.511+/-1.056 χ^2/NDF: 4680.8/47



Right In: -105.203+/-1.697 χ^2/NDF: 735.6/16

Left Out: -70.130+/-1.411 χ^2/NDF:348.5/6

Right Out: -93.625+/-1.610 χ^2/NDF: 822.7/18

Left In: -63.413+/-1.607 χ^2/NDF:123.3/4

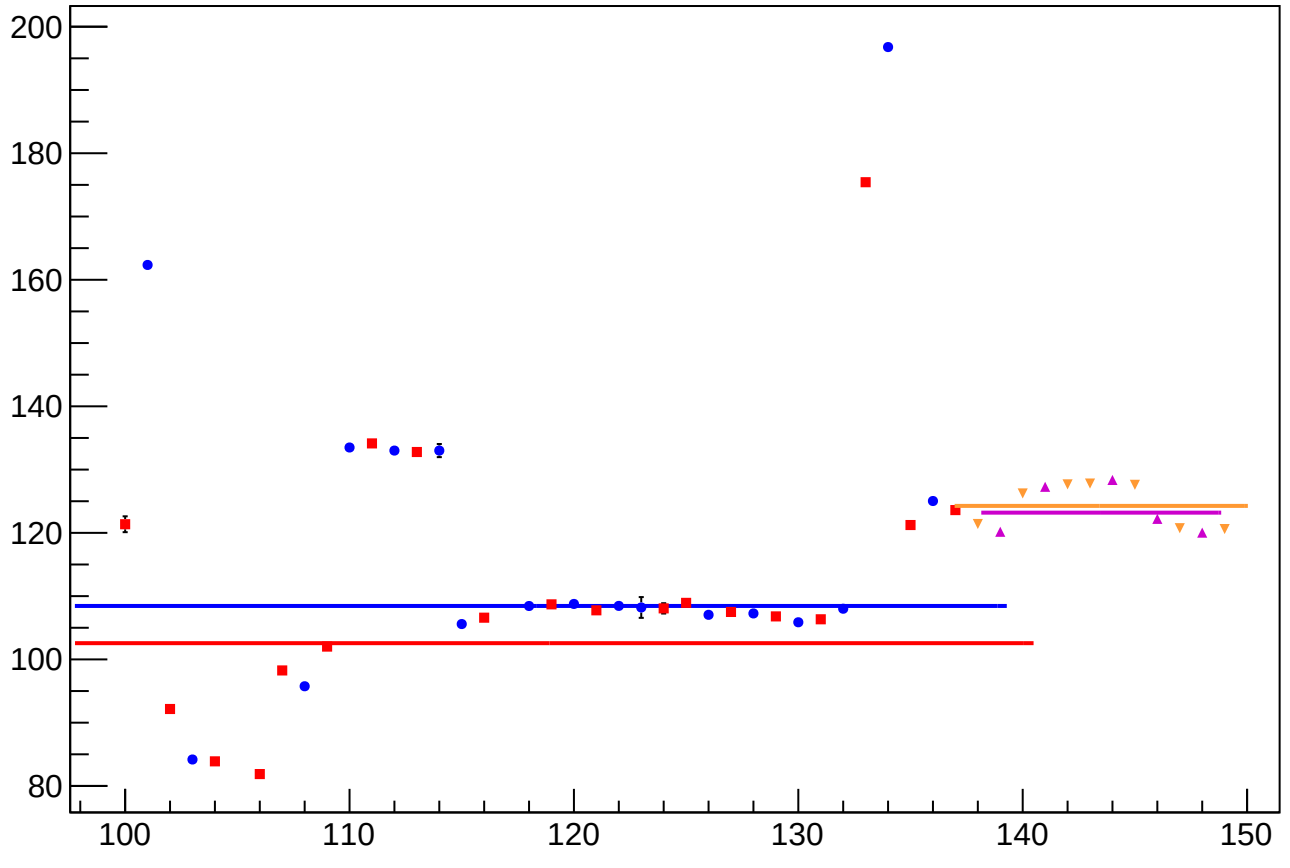
Left: -67.205+/-1.061 χ^2/NDF: 481.7/11

Right: -99.110+/-1.168 χ^2/NDF: 1582.8/35

In: -83.177+/-1.167 χ^2/NDF:1178.7/21

Out: -80.341+/-1.061 χ^2/NDF:1291.6/25

All: -81.625+/-0.785 χ^2/NDF: 2473.5/47



Right In: 108.448+/-0.085 χ^2/NDF: 73265.3/16

Left Out: 124.263+/-0.073 χ^2/NDF:1956.1/6

Right Out: 102.566+/-0.079 χ^2/NDF: 53135.3/18

Left In: 123.195+/-0.081 χ^2/NDF:1842.0/4

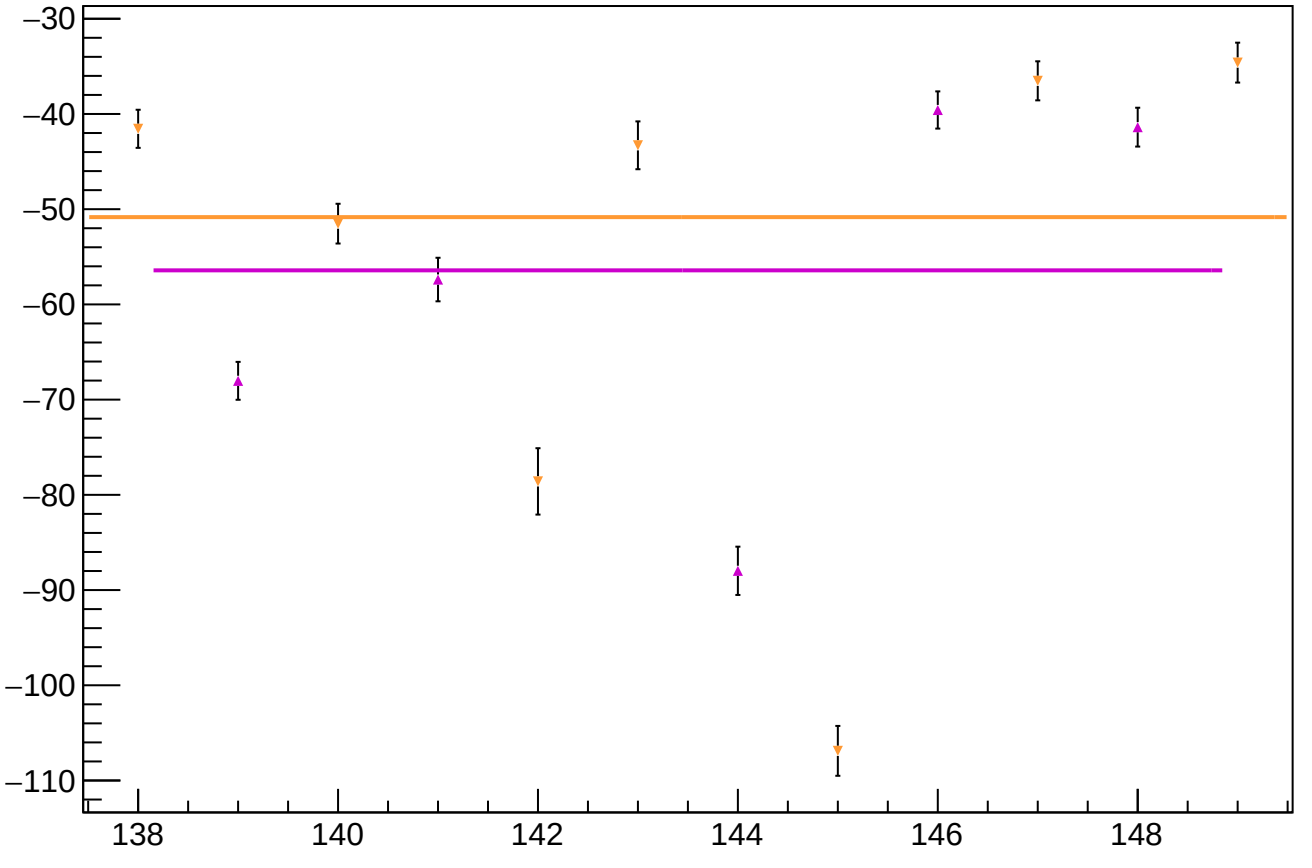
Left: 123.788+/-0.054 χ^2/NDF: 3894.0/11

Right: 105.316+/-0.058 χ^2/NDF: 128963.5/35

In: 116.140+/-0.059 χ^2/NDF:90885.2/21

Out: 114.372+/-0.054 χ^2/NDF:95682.0/25

All: 115.178+/-0.040 χ^2/NDF: 187062.1/47



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

Left Out: -50.833+/-0.867 χ^2/NDF:660.8/6

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

Left In: -56.423+/-0.953 χ^2/NDF:317.7/4

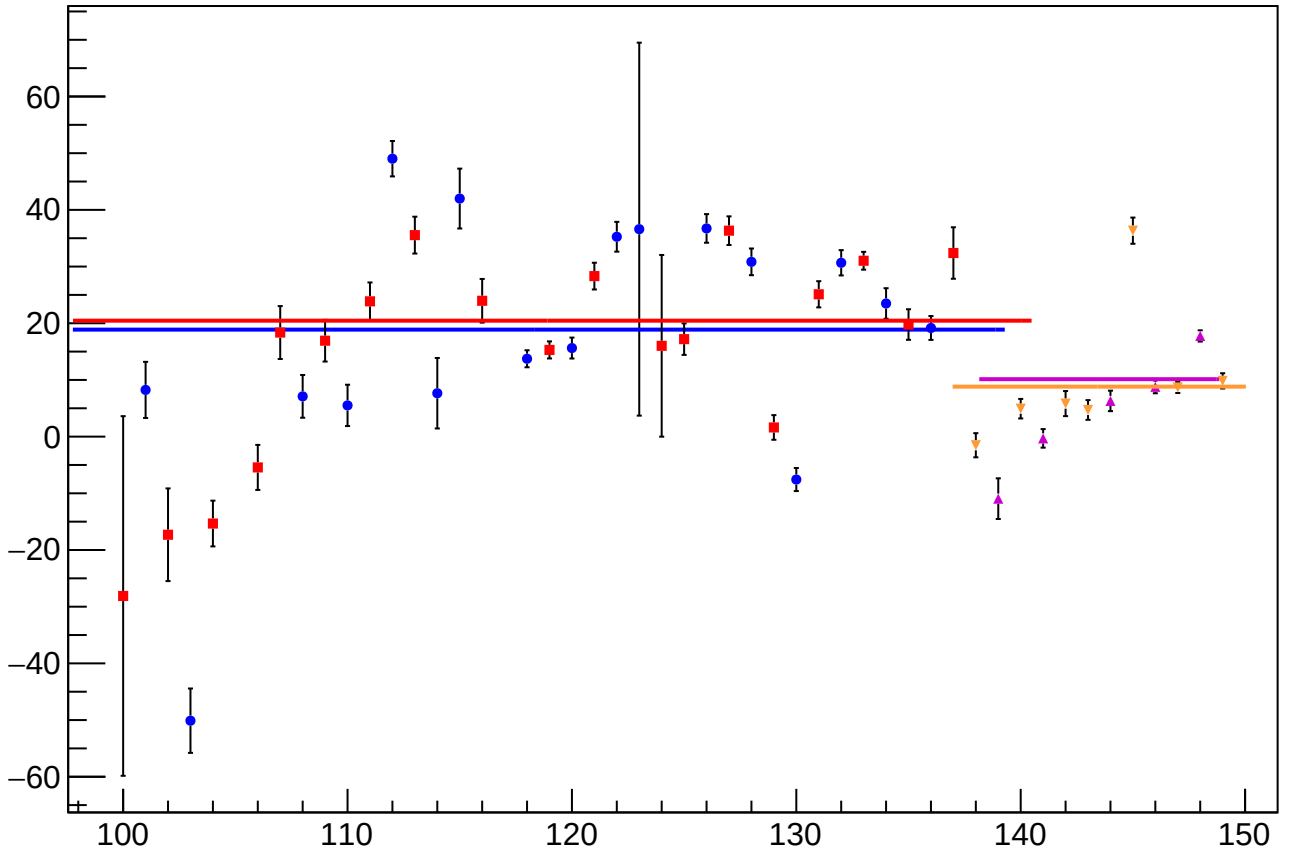
Left: -53.364+/-0.641 χ^2/NDF: 997.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.423+/-0.953 χ^2/NDF:317.7/4

Out: -50.833+/-0.867 χ^2/NDF:660.8/6

All: -53.364+/-0.641 χ^2/NDF: 997.3/11



Right In: 18.876+/-0.644 χ^2/NDF: 620.5/16

Left Out: 8.817+/-0.589 χ^2/NDF:178.4/6

Right Out: 20.454+/-0.643 χ^2/NDF: 364.8/18

Left In: 10.134+/-0.627 χ^2/NDF:140.1/4

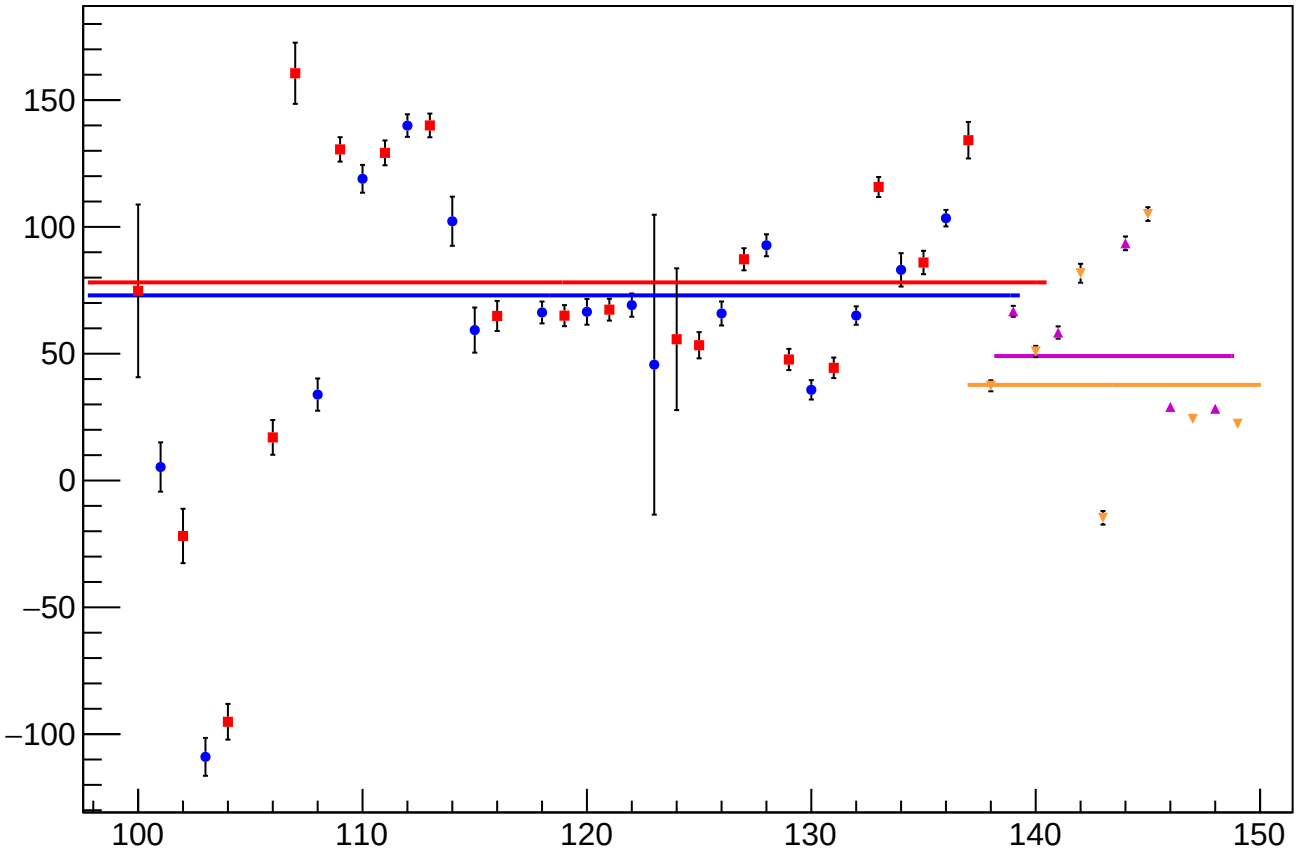
Left: 9.435+/-0.429 χ^2/NDF: 320.9/11

Right: 19.666+/-0.455 χ^2/NDF: 988.3/35

In: 14.386+/-0.449 χ^2/NDF:855.2/21

Out: 14.123+/-0.434 χ^2/NDF:721.2/25

All: 14.250+/-0.312 χ^2/NDF: 1576.5/47



Right In: 72.992+/-1.230 χ^2/NDF: 1205.5/16

Left Out: 37.711+/-0.879 χ^2/NDF:1287.9/6

Right Out: 78.114+/-1.223 χ^2/NDF: 1546.8/18

Left In: 49.073+/-0.962 χ^2/NDF:583.4/4

Left: 42.876+/-0.649 χ^2/NDF: 1947.3/11

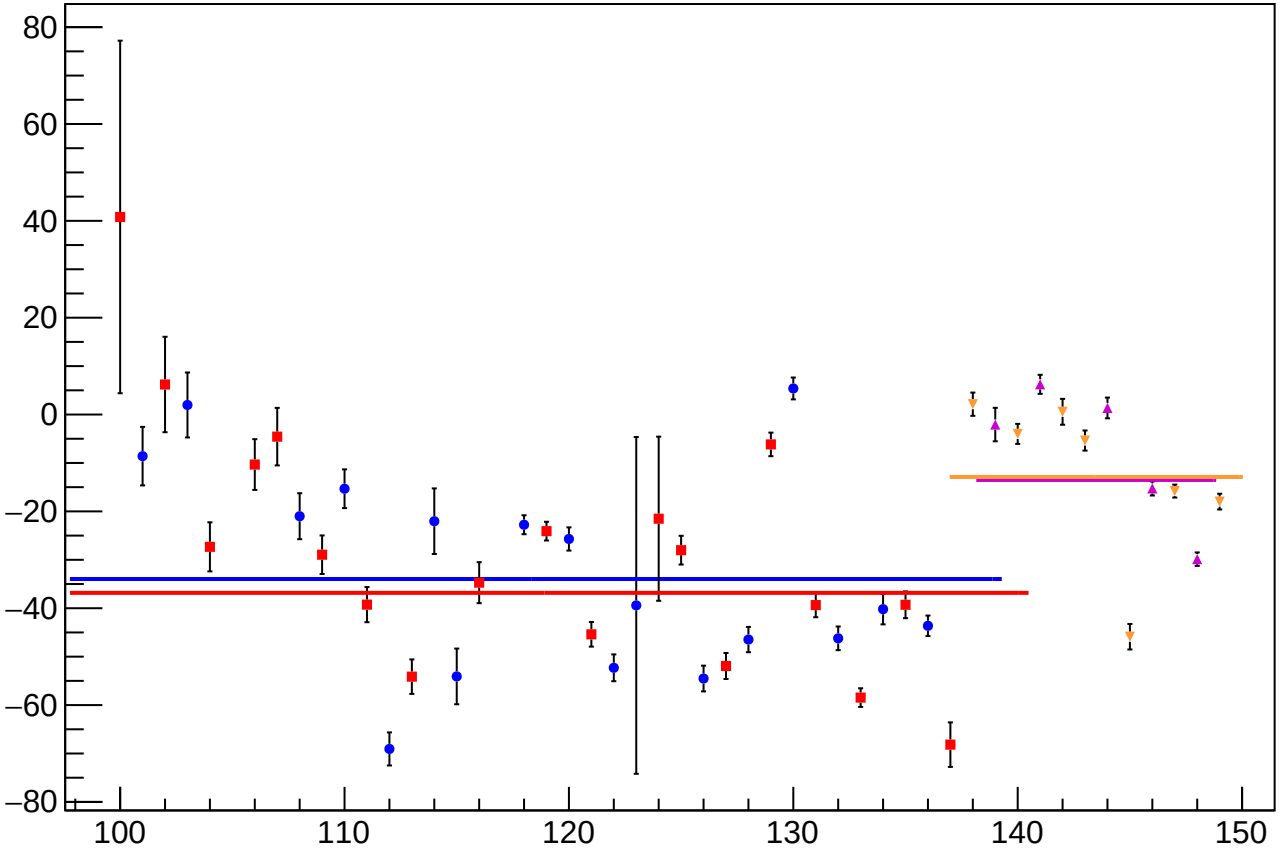
Right: 75.567+/-0.867 χ^2/NDF: 2761.0/35

In: 58.154+/-0.758 χ^2/NDF:2023.4/21

Out: 51.462+/-0.714 χ^2/NDF:3554.6/25

All: 54.606+/-0.520 χ^2/NDF: 5619.3/47

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: -12.895+/-0.734 χ^2/NDF:267.8/6

Right Out: -36.824+/-0.737 χ^2/NDF: 539.9/18

Left In: -13.508+/-0.803 χ^2/NDF:300.4/4

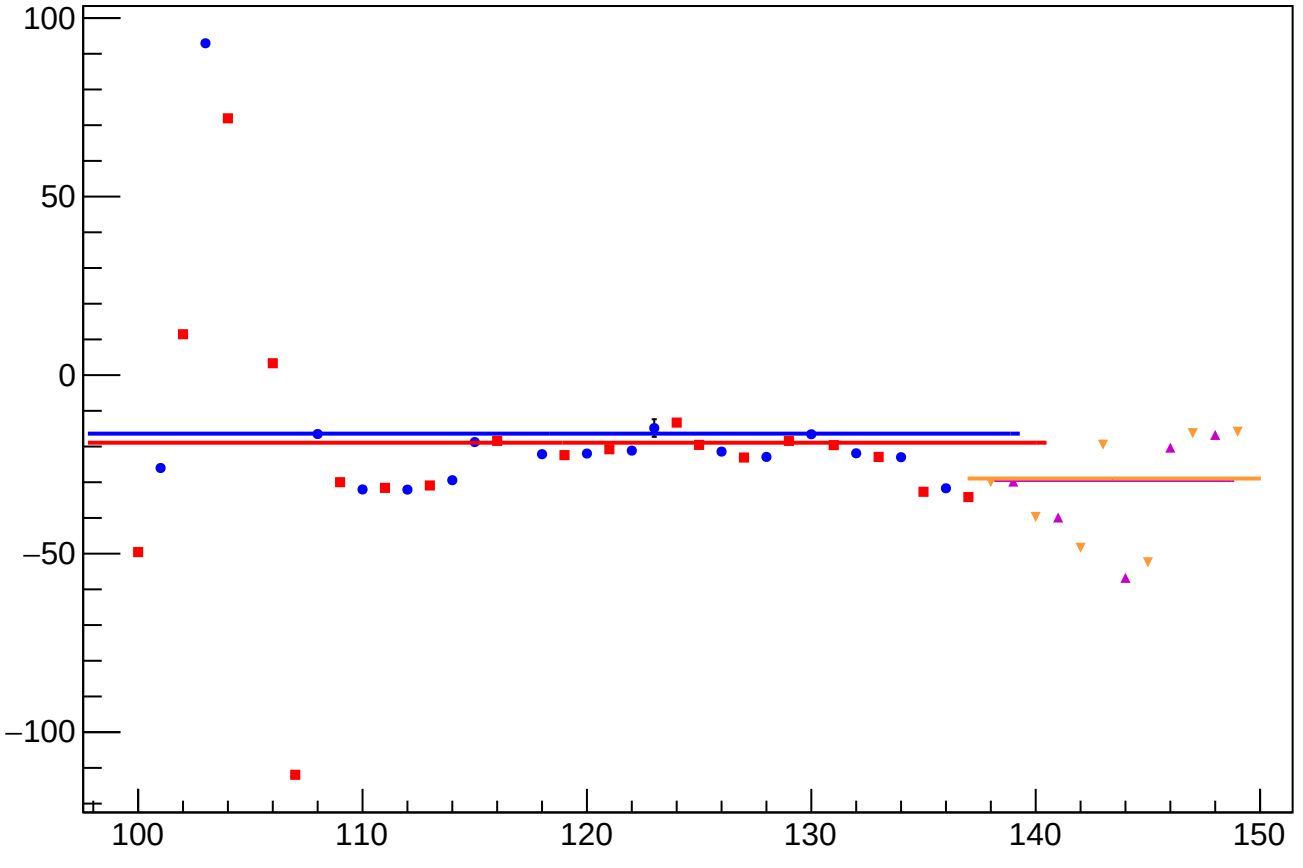
Left: -13.174+/-0.542 χ^2/NDF: 568.6/11

Right: -35.396+/-0.521 χ^2/NDF: 1269.3/35

In: -24.608+/-0.543 χ^2/NDF:1374.2/21

Out: -24.812+/-0.520 χ^2/NDF:1337.2/25

All: -24.714+/-0.376 χ^2/NDF: 2711.4/47



Right In: -16.386+/-0.044 χ^2/NDF: 474297.3/16

Left Out: -28.962+/-0.037 χ^2/NDF:128736.4/6

Right Out: -18.925+/-0.045 χ^2/NDF: 434146.0/18

Left In: -29.361+/-0.040 χ^2/NDF:99546.1/4

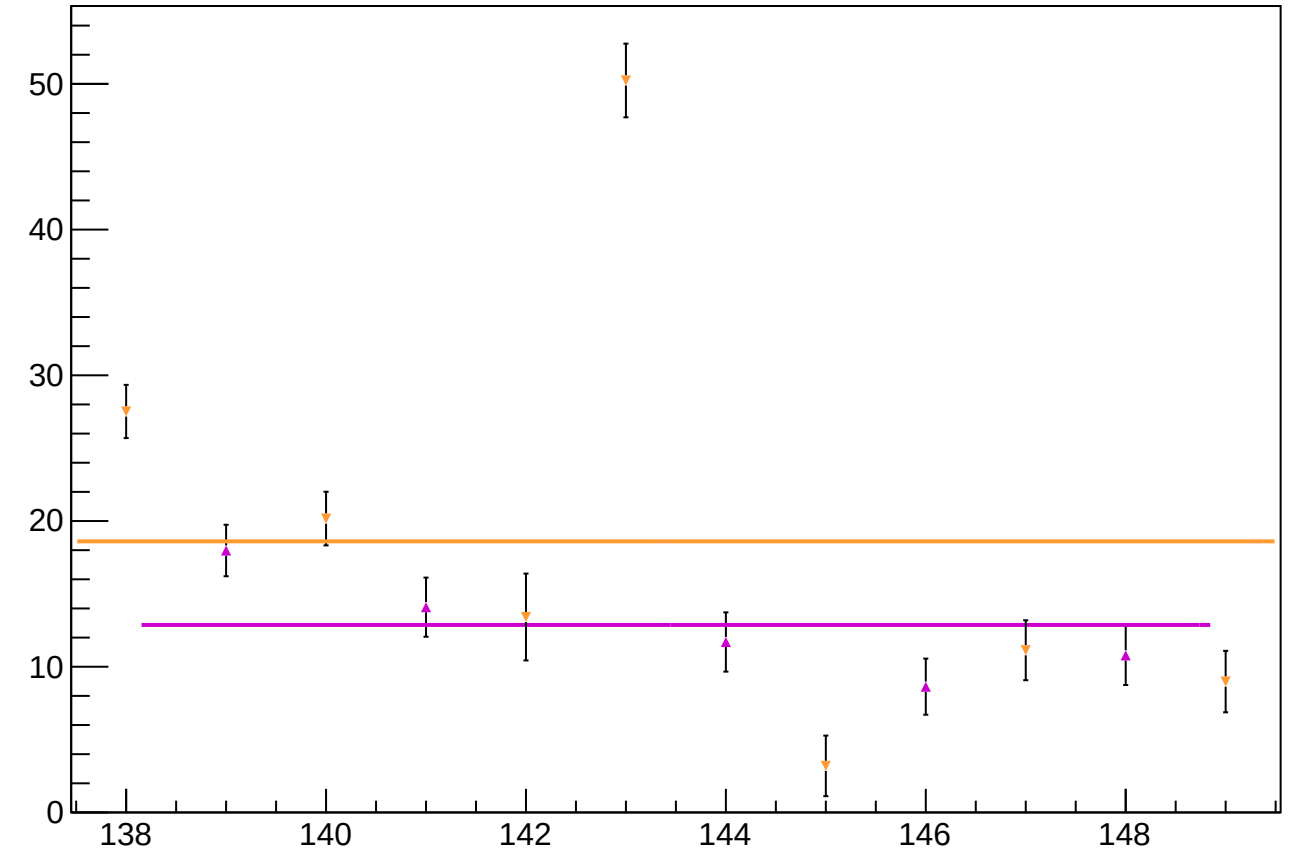
Left: -29.148+/-0.027 χ^2/NDF: 228336.5/11

Right: -17.633+/-0.032 χ^2/NDF: 910044.8/35

In: -23.598+/-0.030 χ^2/NDF:621170.3/21

Out: -24.928+/-0.029 χ^2/NDF:592304.6/25

All: -24.285+/-0.021 χ^2/NDF: 1214514.1/47



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

Left Out: 18.606+/-0.802 χ^2/NDF:273.1/6

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

Left In: 12.870+/-0.871 χ^2/NDF:15.0/4

Left: 15.977+/-0.590 χ^2/NDF: 311.5/11

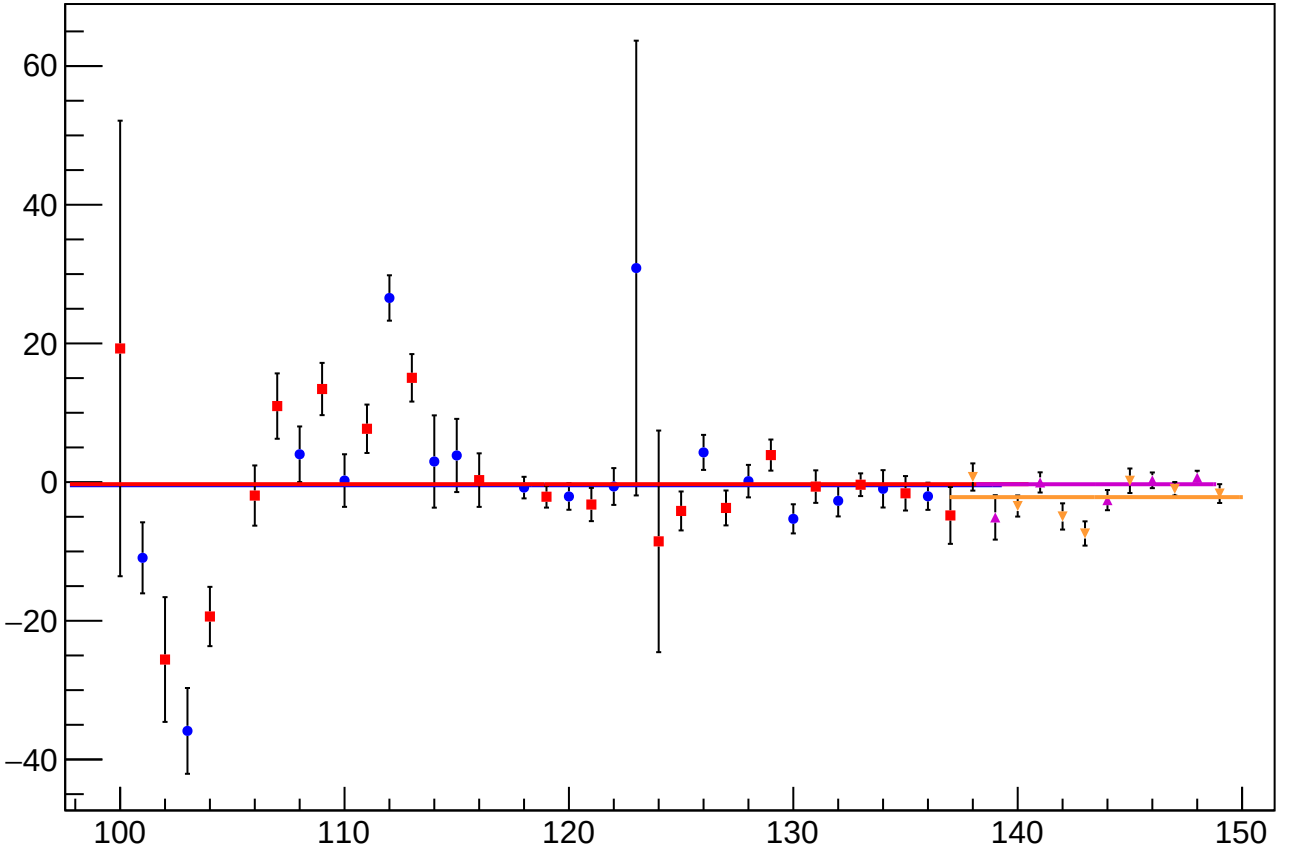
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 12.870+/-0.871 χ^2/NDF:15.0/4

Out: 18.606+/-0.802 χ^2/NDF:273.1/6

All: 15.977+/-0.590 χ^2/NDF: 311.5/11

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: -2.166+/-0.559 χ^2/NDF:17.5/6

Right Out: -0.297+/-0.657 χ^2/NDF: 84.5/18

Left In: -0.308+/-0.593 χ^2/NDF:5.9/4

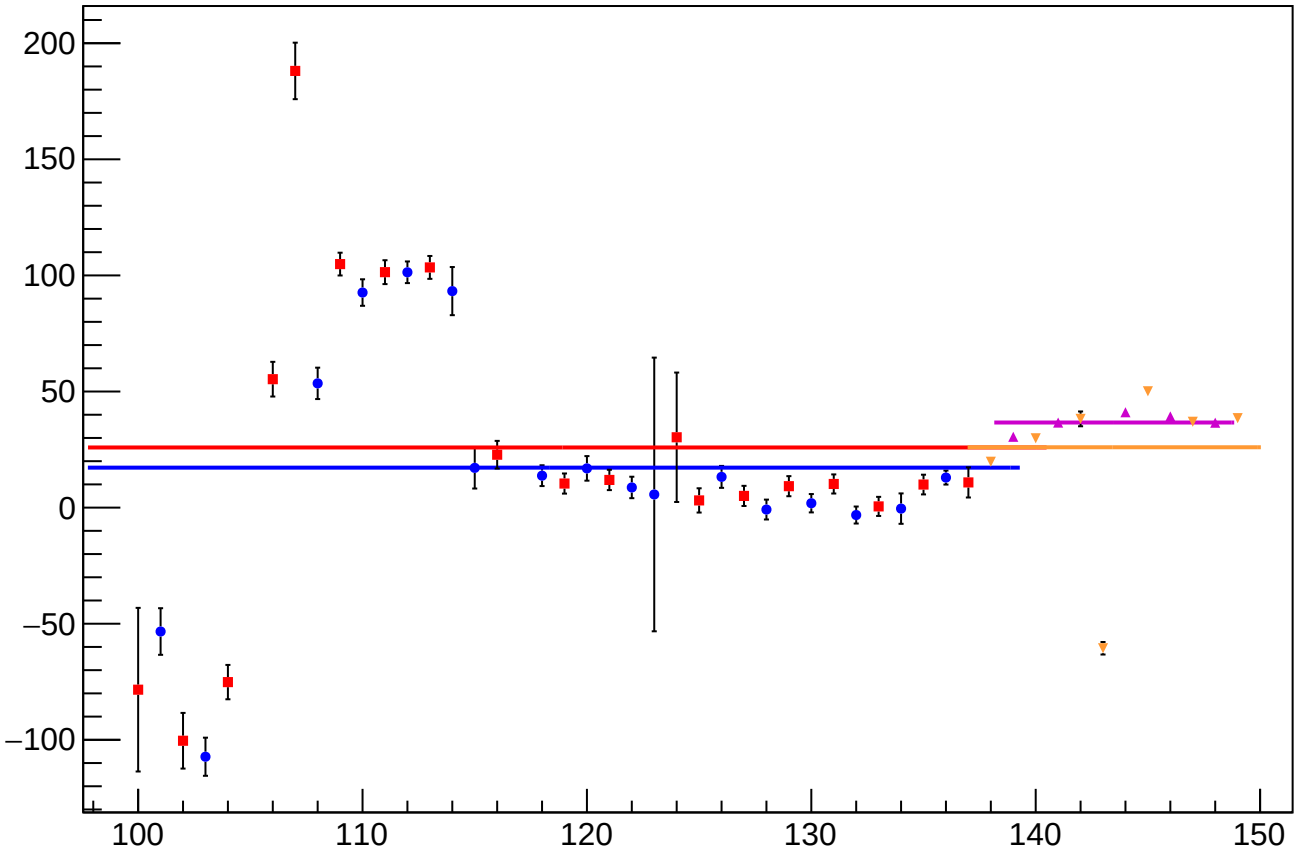
Left: -1.292+/-0.407 χ^2/NDF: 28.6/11

Right: -0.375+/-0.464 χ^2/NDF: 204.0/35

In: -0.373+/-0.439 χ^2/NDF:125.5/21

Out: -1.382+/-0.426 χ^2/NDF:106.6/25

All: -0.893+/-0.306 χ^2/NDF: 234.8/47



Right In: 17.218+/-1.241 χ^2/NDF: 940.1/16

Left Out: 25.995+/-0.819 χ^2/NDF:1254.6/6

Right Out: 25.902+/-1.243 χ^2/NDF: 1374.8/18

Left In: 36.651+/-0.887 χ^2/NDF:16.5/4

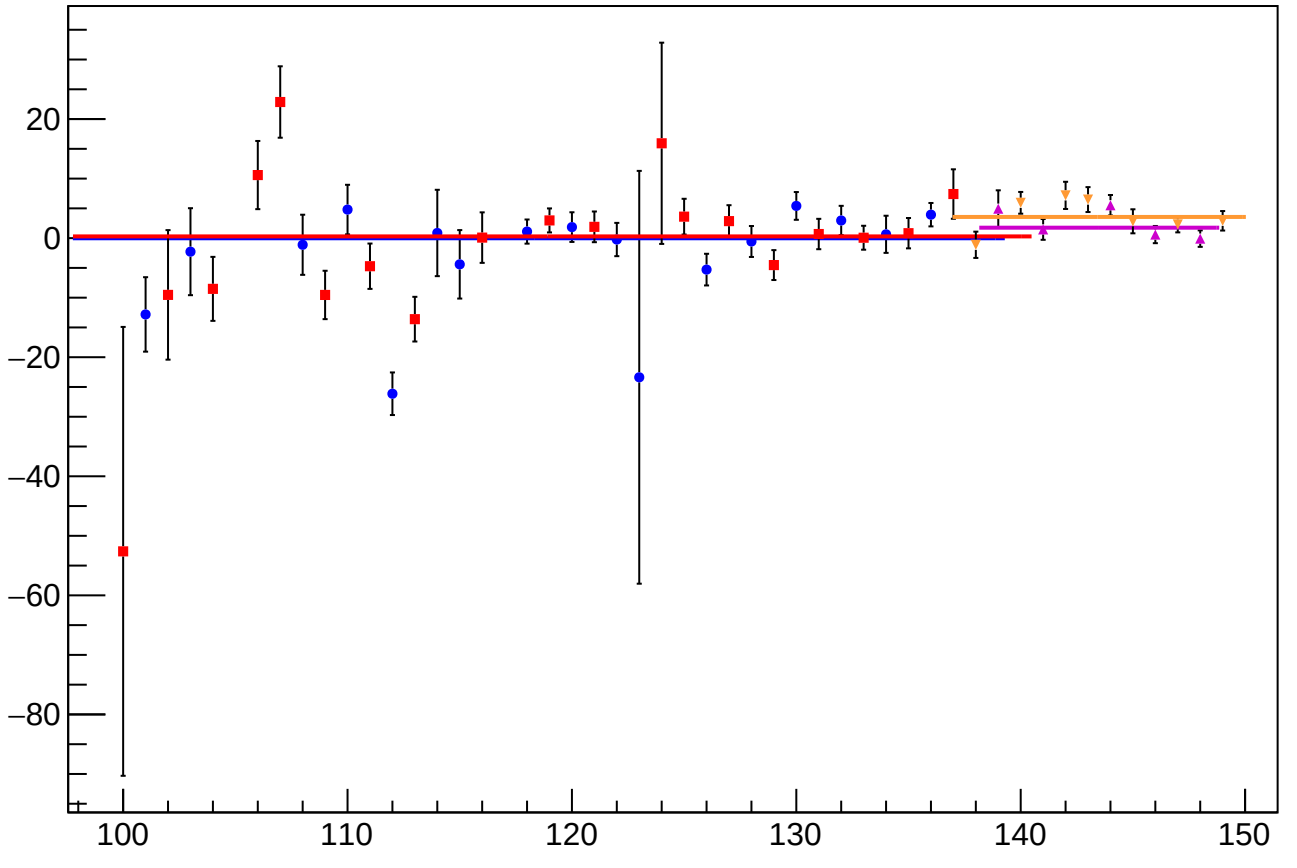
Left: 30.899+/-0.602 χ^2/NDF: 1349.0/11

Right: 21.552+/-0.878 χ^2/NDF: 2339.3/35

In: 30.075+/-0.722 χ^2/NDF:1118.9/21

Out: 25.967+/-0.684 χ^2/NDF:2629.4/25

All: 27.911+/-0.497 χ^2/NDF: 3765.3/47



Right In: -0.022+/-0.745 χ^2/NDF: 75.8/16

Left Out: 3.560+/-0.691 χ^2/NDF:11.8/6

Right Out: 0.290+/-0.749 χ^2/NDF: 56.1/18

Left In: 1.754+/-0.751 χ^2/NDF:8.3/4

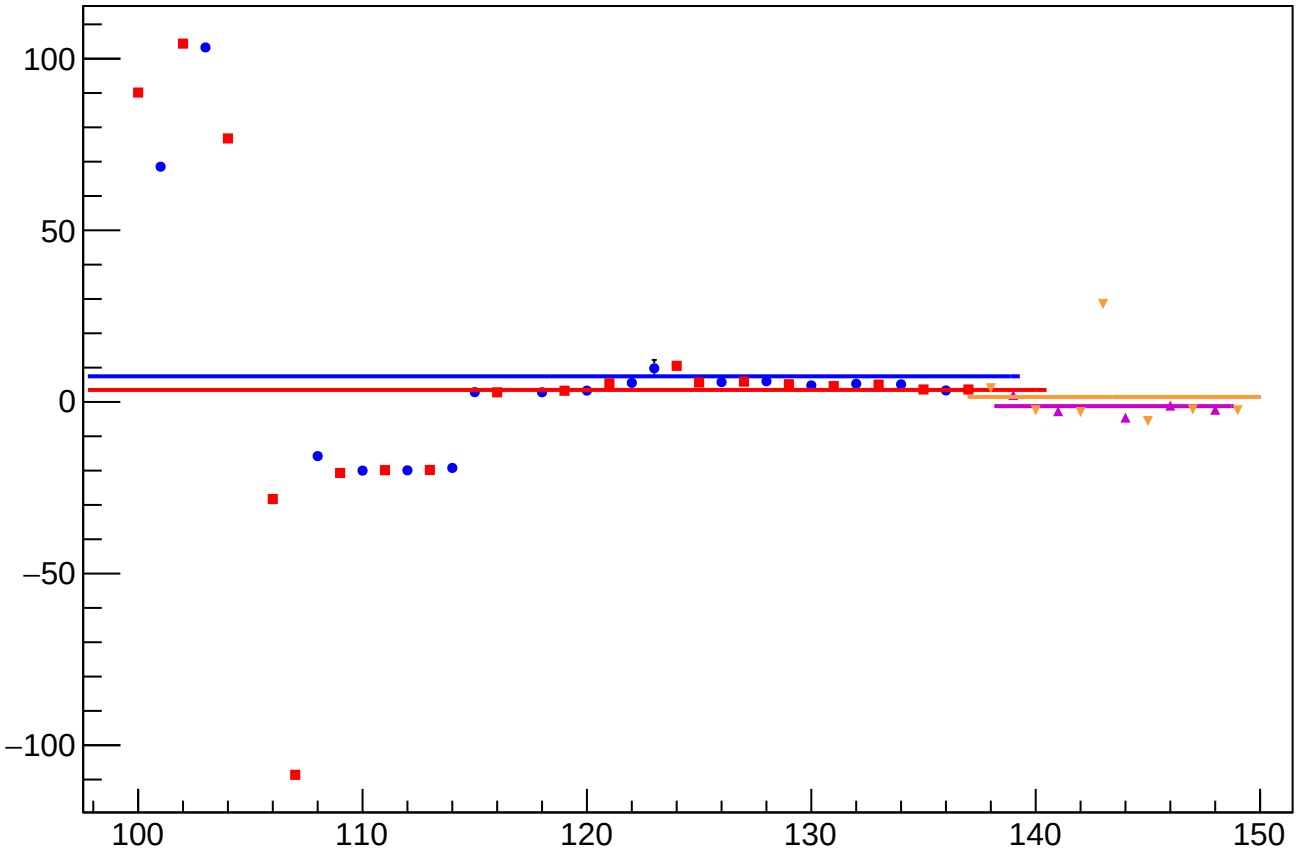
Left: 2.733+/-0.508 χ^2/NDF: 23.2/11

Right: 0.133+/-0.528 χ^2/NDF: 132.0/35

In: 0.859+/-0.529 χ^2/NDF:87.0/21

Out: 2.058+/-0.508 χ^2/NDF:78.1/25

All: 1.483+/-0.366 χ^2/NDF: 167.8/47



Right In: 7.467+/-0.044 χ^2/NDF: 355890.1/16

Left Out: 1.453+/-0.034 χ^2/NDF:77265.8/6

Right Out: 3.500+/-0.046 χ^2/NDF: 510577.2/18

Left In: -1.212+/-0.036 χ^2/NDF:3970.7/4

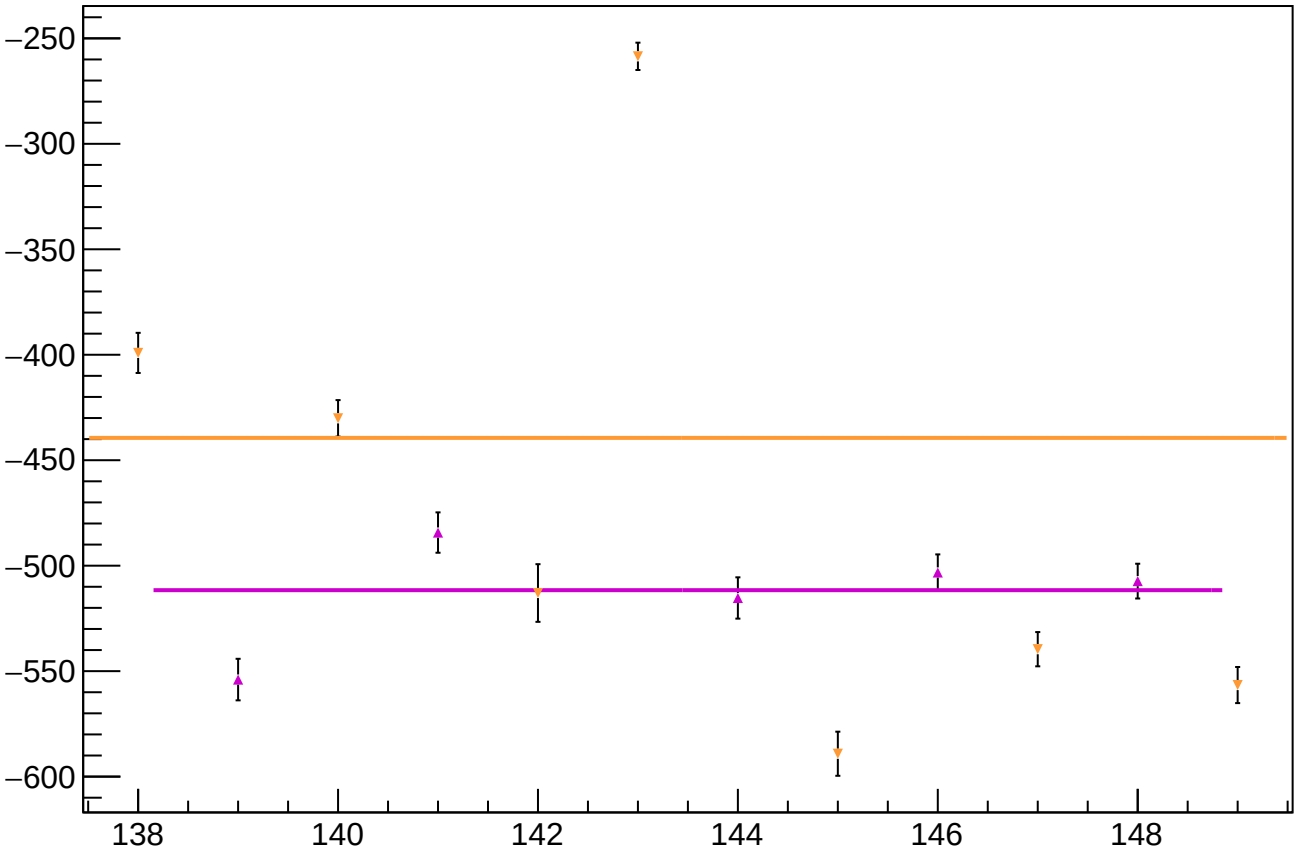
Left: 0.202+/-0.025 χ^2/NDF: 84068.9/11

Right: 5.531+/-0.032 χ^2/NDF: 870350.4/35

In: 2.280+/-0.028 χ^2/NDF:382628.1/21

Out: 2.194+/-0.027 χ^2/NDF:589131.0/25

All: 2.236+/-0.020 χ^2/NDF: 971763.8/47



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

Left Out: -439.410+/-3.304 χ^2/NDF:1372.6/6

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

Left In: -511.610+/-4.083 χ^2/NDF:28.0/4

Left: -467.984+/-2.569 χ^2/NDF: 1589.6/11

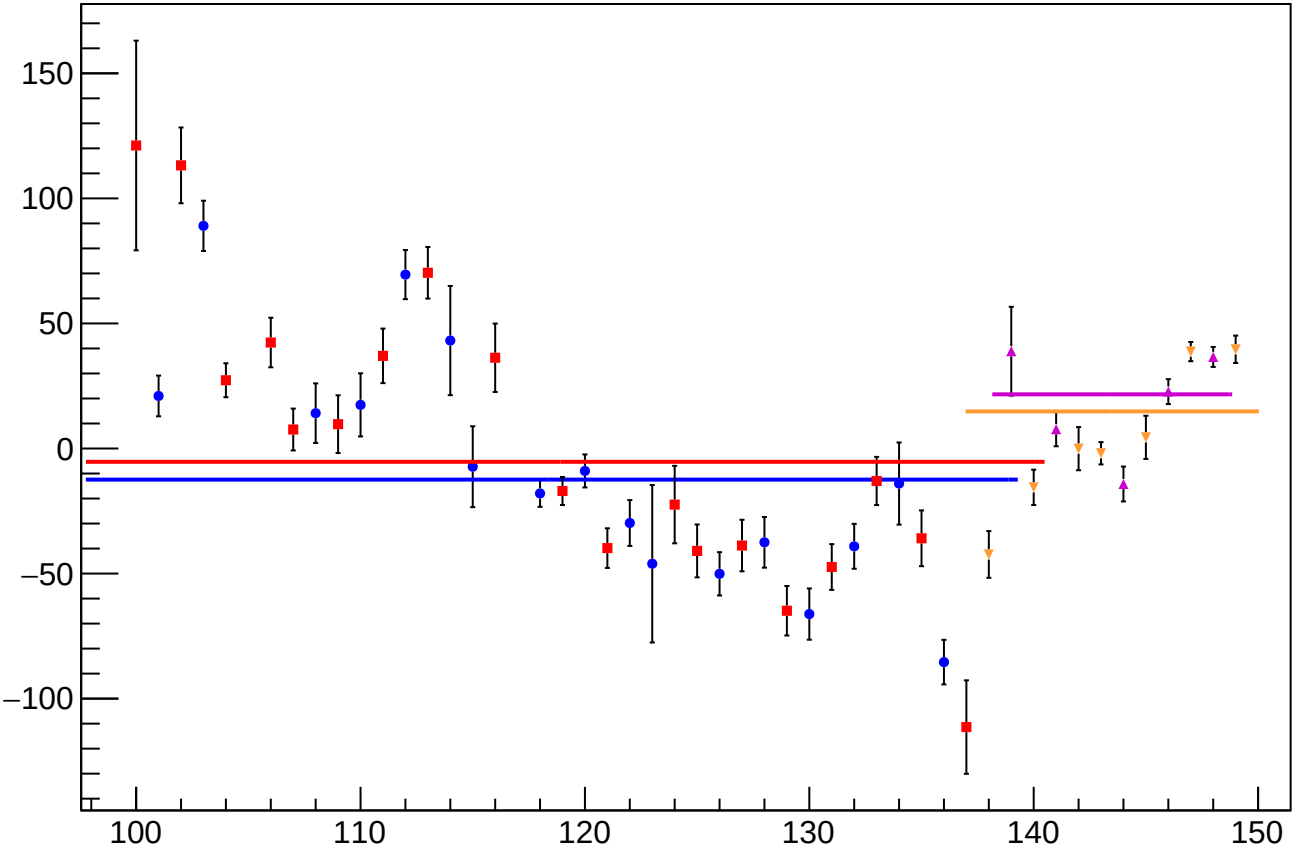
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -511.610+/-4.083 χ^2/NDF:28.0/4

Out: -439.410+/-3.304 χ^2/NDF:1372.6/6

All: -467.984+/-2.569 χ^2/NDF: 1589.6/11

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: 14.831+/-2.184 χ^2/NDF:133.7/6

Right Out: -5.317+/-2.260 χ^2/NDF: 342.8/18

Left In: 21.657+/-2.595 χ^2/NDF:45.6/4

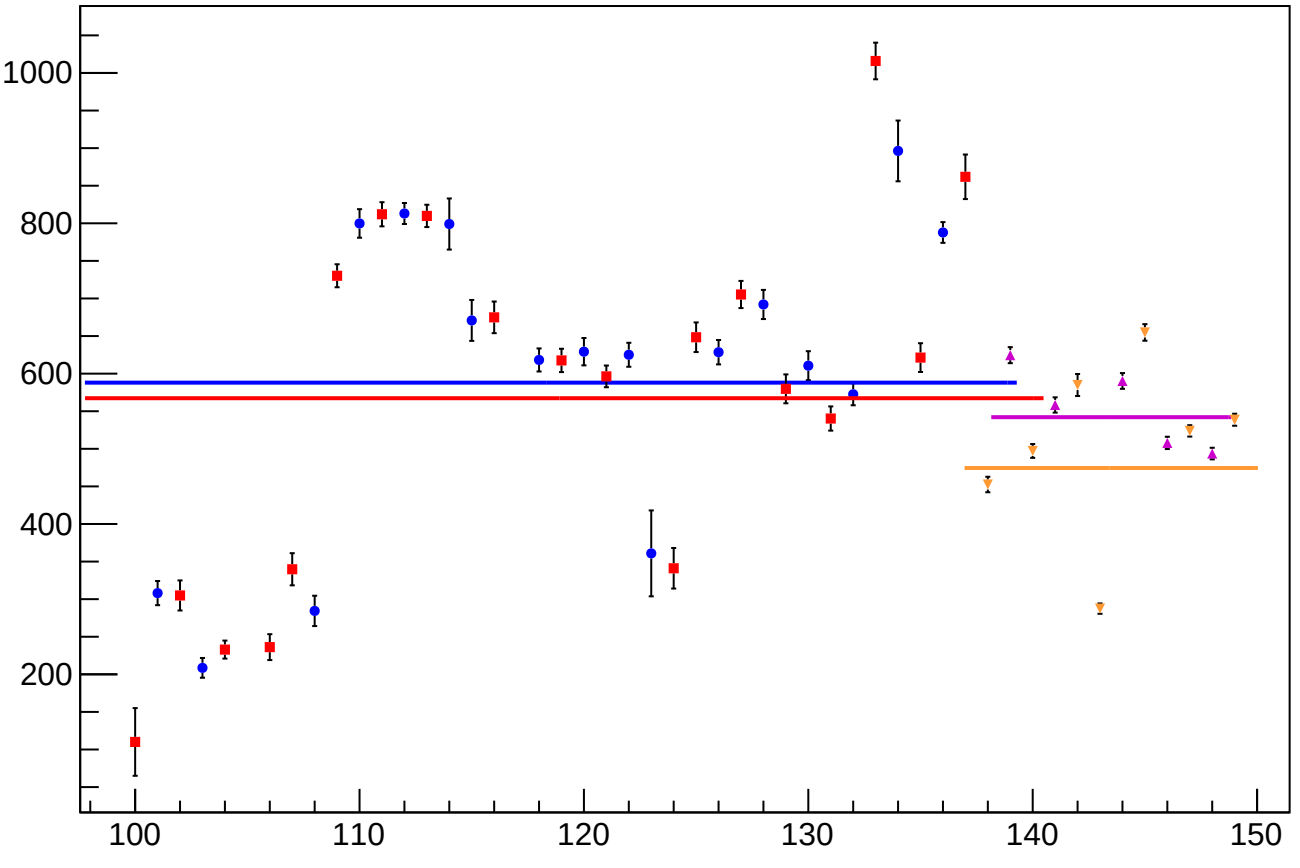
Left: 17.662+/-1.671 χ^2/NDF: 183.4/11

Right: -8.788+/-1.617 χ^2/NDF: 687.9/35

In: 2.673+/-1.728 χ^2/NDF:481.9/21

Out: 5.098+/-1.571 χ^2/NDF:517.6/25

All: 4.001+/-1.162 χ^2/NDF: 1000.6/47



Right In: 588.034+/-4.329 χ^2/NDF: 2127.7/16

Left Out: 474.500+/-3.369 χ^2/NDF:1175.3/6

Right Out: 567.313+/-4.133 χ^2/NDF: 2784.3/18

Left In: 542.086+/-4.108 χ^2/NDF:140.3/4

Left: 501.677+/-2.605 χ^2/NDF: 1477.4/11

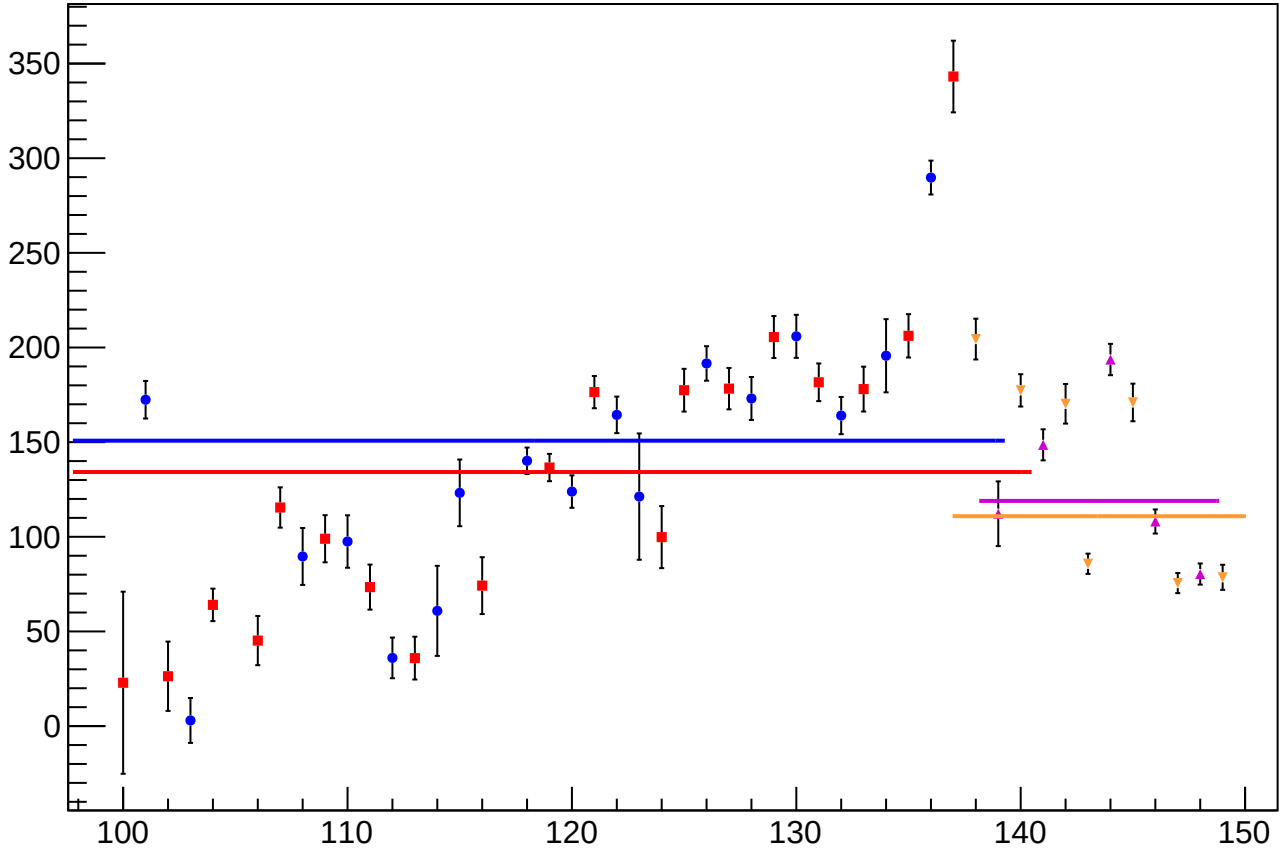
Right: 577.194+/-2.989 χ^2/NDF: 4924.0/35

In: 563.860+/-2.980 χ^2/NDF:2327.3/21

Out: 511.554+/-2.612 χ^2/NDF:4262.5/25

All: 534.275+/-1.964 χ^2/NDF: 6764.1/47

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: 110.887+/-2.722 χ^2/NDF:295.2/6

Right Out: 134.219+/-2.615 χ^2/NDF: 581.6/18

Left In: 118.967+/-3.341 χ^2/NDF:145.4/4

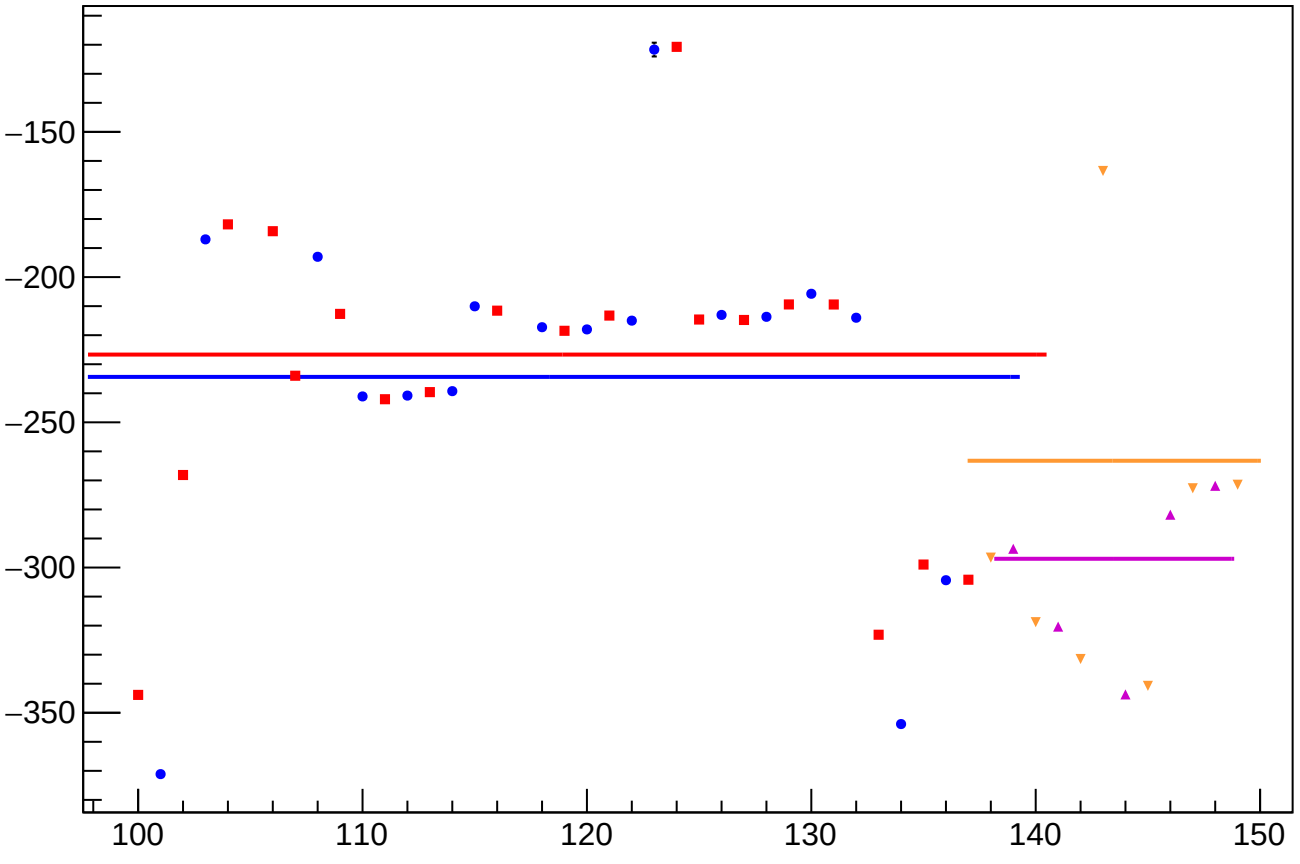
Left: 114.111+/-2.110 χ^2/NDF: 444.2/11

Right: 142.302+/-1.872 χ^2/NDF: 1234.3/35

In: 138.331+/-2.090 χ^2/NDF:833.8/21

Out: 123.020+/-1.886 χ^2/NDF:915.0/25

All: 129.891+/-1.400 χ^2/NDF: 1778.3/47



Right In: -234.360+/-0.148 χ^2/NDF: 145159.1/16

Left Out: -263.233+/-0.142 χ^2/NDF:200838.4/6

Right Out: -226.674+/-0.141 χ^2/NDF: 99490.5/18

Left In: -296.983+/-0.172 χ^2/NDF:21056.6/4

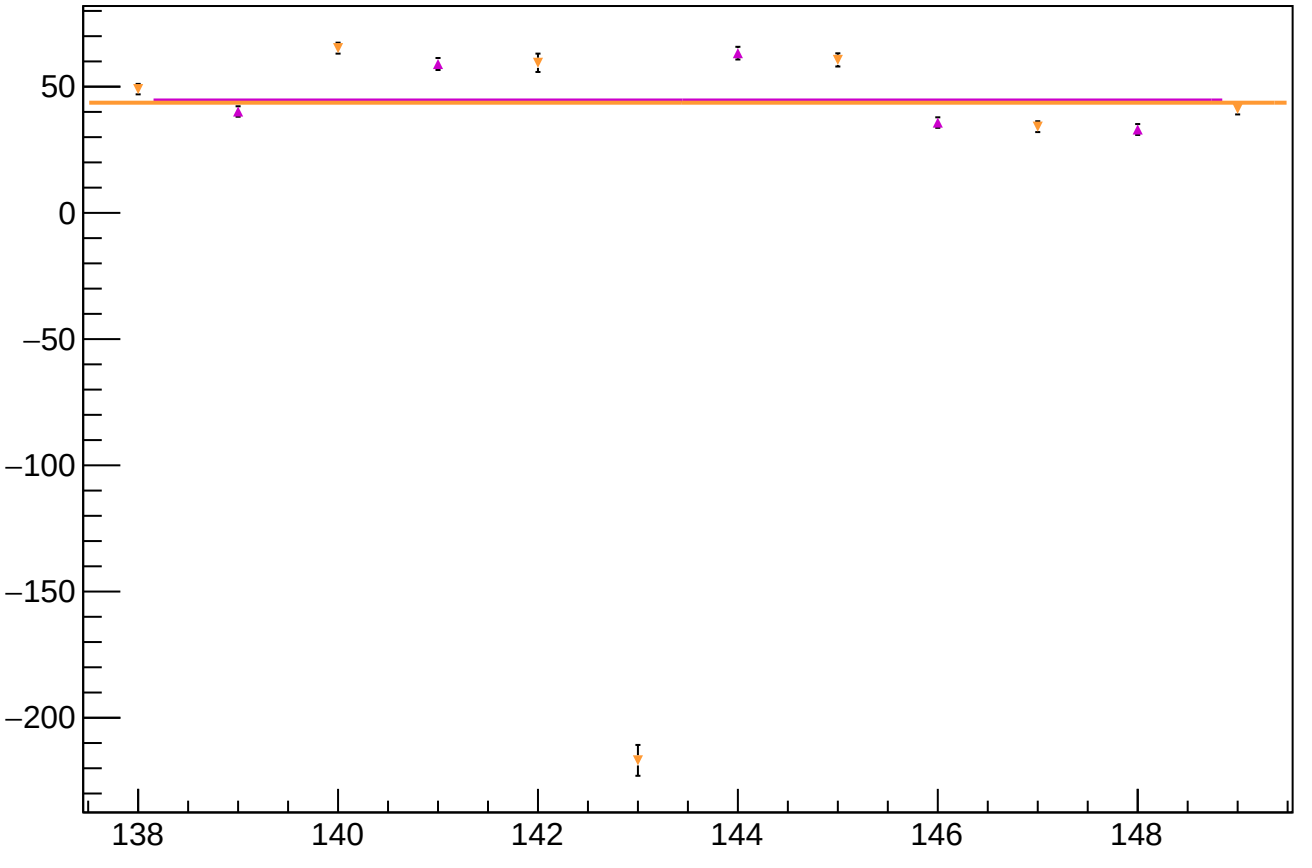
Left: -276.971+/-0.110 χ^2/NDF: 244754.0/11

Right: -230.326+/-0.102 χ^2/NDF: 246056.0/35

In: -261.119+/-0.112 χ^2/NDF:242226.8/21

Out: -244.803+/-0.100 χ^2/NDF:333545.1/25

All: -252.038+/-0.075 χ^2/NDF: 587506.6/47



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

Left Out: 43.650+/-0.948 χ^2/NDF:2004.6/6

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

Left In: 44.523+/-0.993 χ^2/NDF:143.1/4

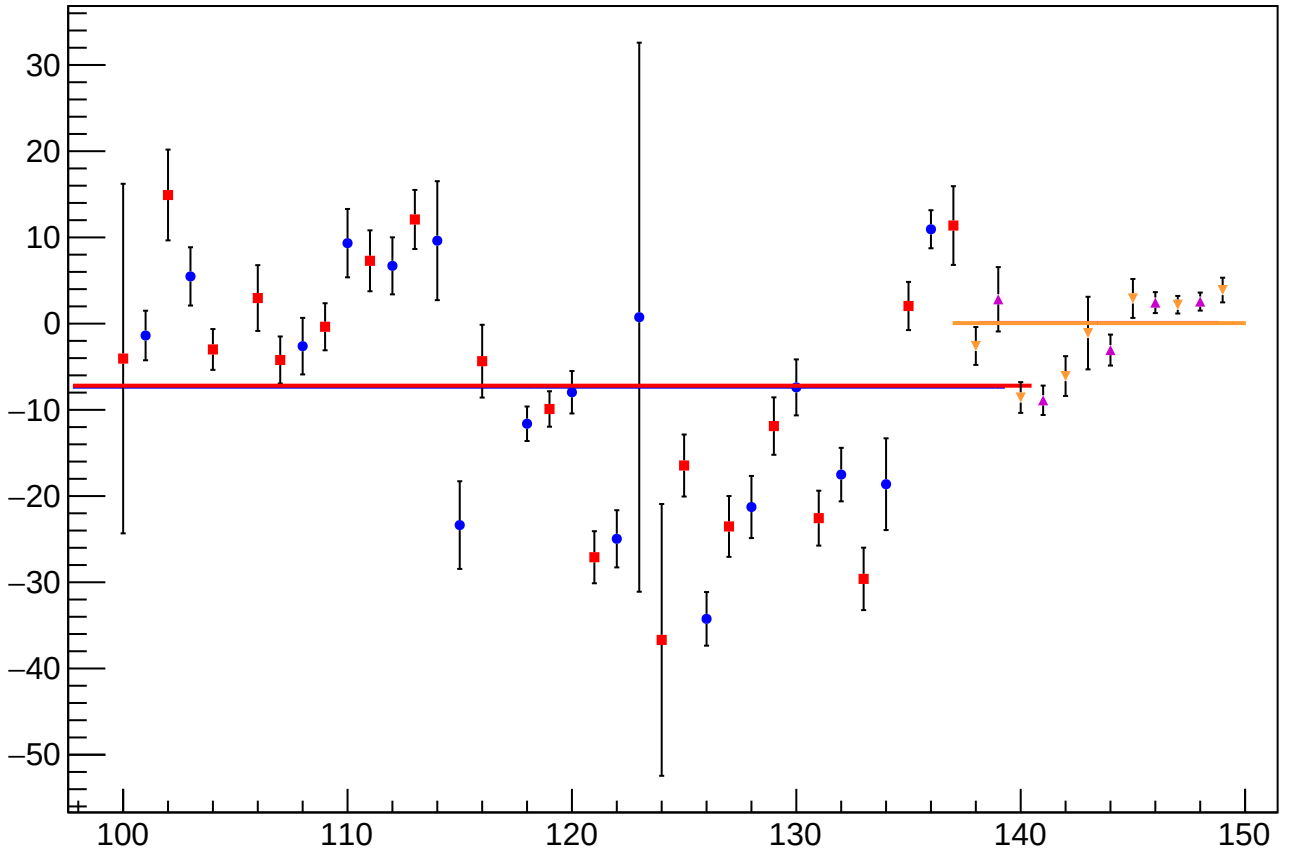
Left: 44.067+/-0.685 χ^2/NDF: 2148.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 44.523+/-0.993 χ^2/NDF:143.1/4

Out: 43.650+/-0.948 χ^2/NDF:2004.6/6

All: 44.067+/-0.685 χ^2/NDF: 2148.1/11



Right In: -7.313+/-0.780 χ^2/NDF: 279.1/16

Left Out: 0.062+/-0.644 χ^2/NDF:45.2/6

Right Out: -7.198+/-0.761 χ^2/NDF: 252.1/18

Left In: 0.080+/-0.657 χ^2/NDF:40.7/4

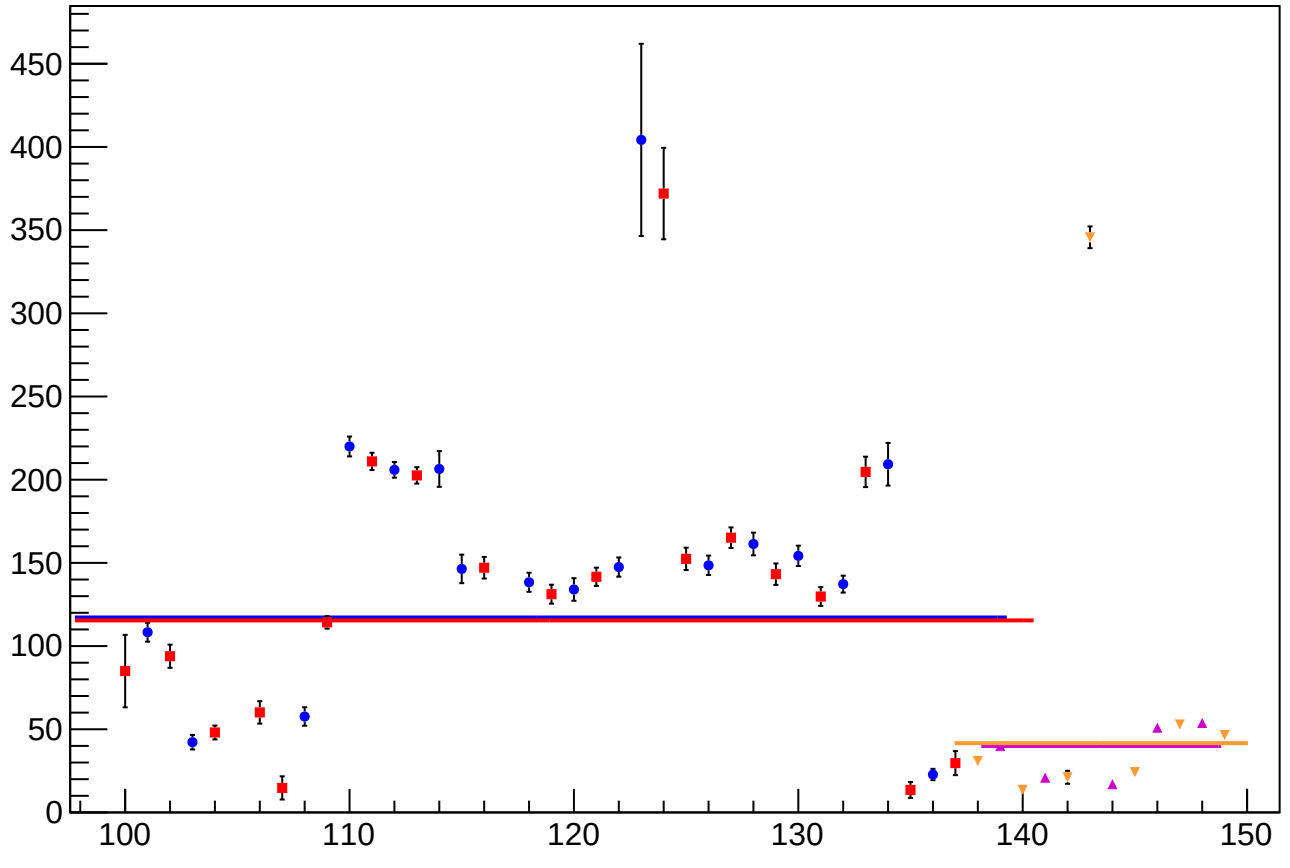
Left: 0.071+/-0.460 χ^2/NDF: 85.9/11

Right: -7.254+/-0.545 χ^2/NDF: 531.2/35

In: -2.987+/-0.502 χ^2/NDF:372.3/21

Out: -2.965+/-0.492 χ^2/NDF:350.4/25

All: -2.976+/-0.351 χ^2/NDF: 722.7/47



Right In: 117.177+/-1.411 χ^2/NDF: 2159.6/16

Left Out: 41.626+/-0.958 χ^2/NDF:2452.0/6

Right Out: 115.437+/-1.361 χ^2/NDF: 2151.2/18

Left In: 39.975+/-1.004 χ^2/NDF:207.7/4

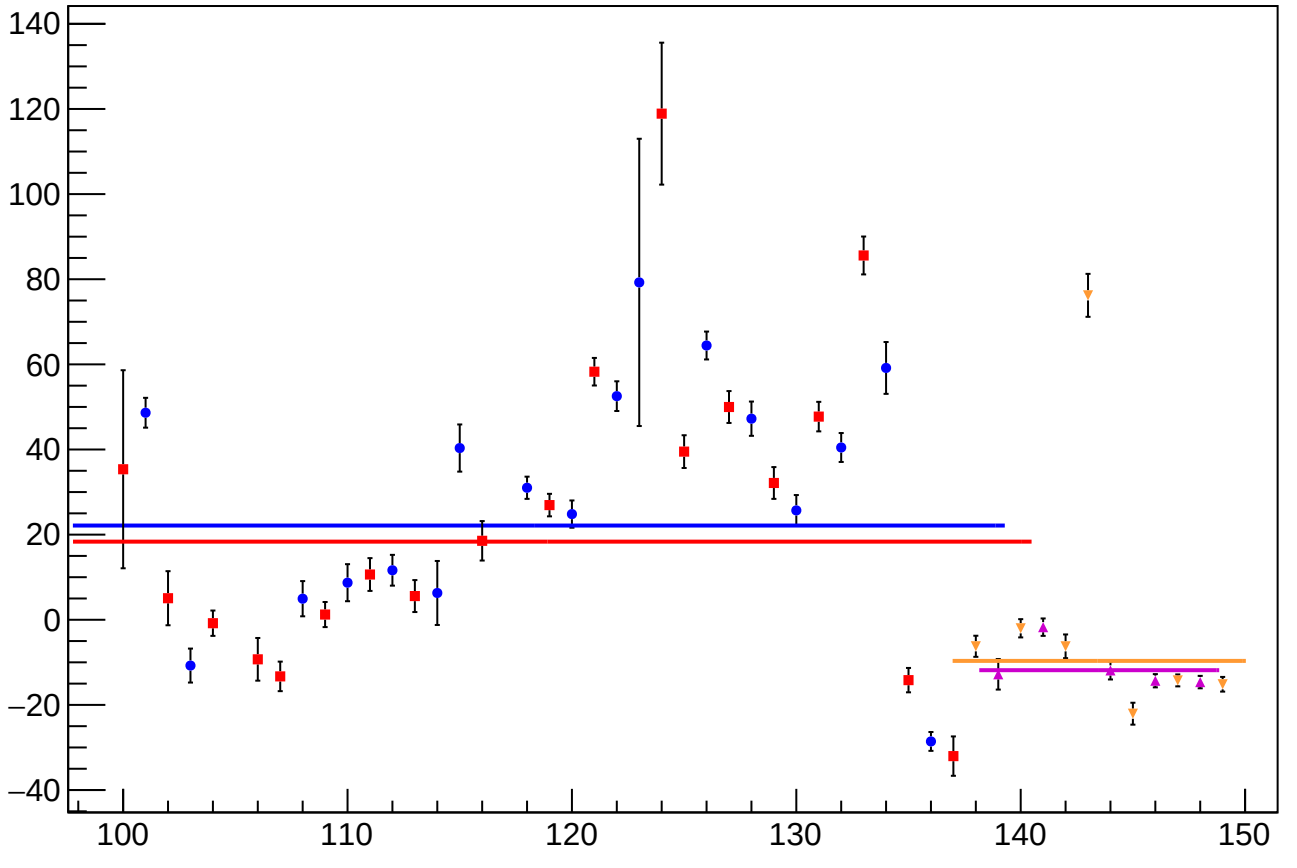
Left: 40.839+/-0.693 χ^2/NDF: 2661.1/11

Right: 116.275+/-0.980 χ^2/NDF: 4311.6/35

In: 65.921+/-0.818 χ^2/NDF:4353.8/21

Out: 66.086+/-0.783 χ^2/NDF:6571.1/25

All: 66.007+/-0.566 χ^2/NDF: 10925.0/47



Right In: 22.136+/-0.891 χ^2/NDF: 1064.1/16

Left Out: -9.663+/-0.805 χ^2/NDF:349.6/6

Right Out: 18.355+/-0.871 χ^2/NDF: 1070.9/18

Left In: -11.846+/-0.840 χ^2/NDF:30.7/4

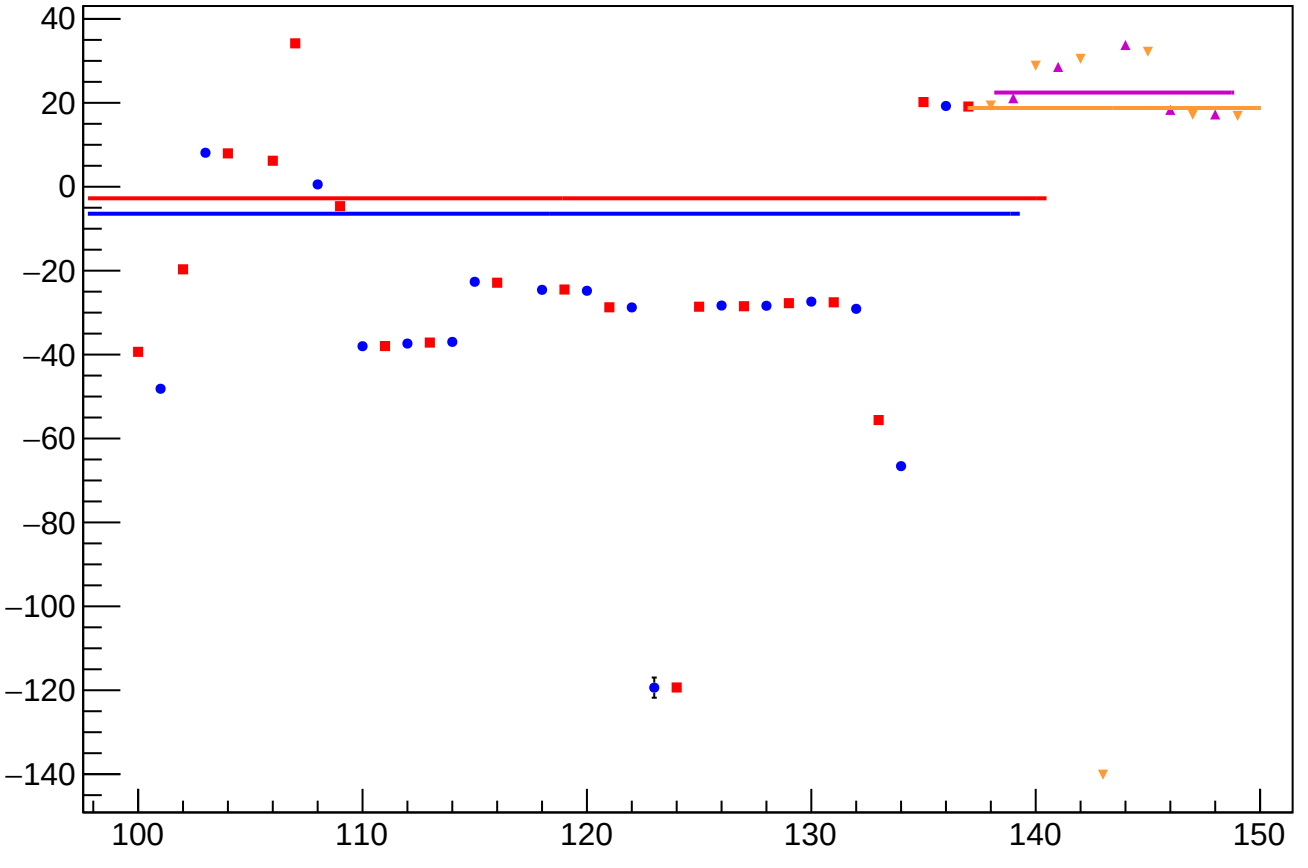
Left: -10.708+/-0.581 χ^2/NDF: 383.8/11

Right: 20.203+/-0.623 χ^2/NDF: 2144.2/35

In: 4.141+/-0.611 χ^2/NDF:1864.8/21

Out: 3.242+/-0.591 χ^2/NDF:1978.1/25

All: 3.677+/-0.425 χ^2/NDF: 3844.1/47



Right In: -6.428+/-0.046 χ^2/NDF: 265170.6/16

Left Out: 18.773+/-0.041 χ^2/NDF:398954.7/6

Right Out: -2.752+/-0.046 χ^2/NDF: 266290.0/18

Left In: 22.450+/-0.041 χ^2/NDF:18846.1/4

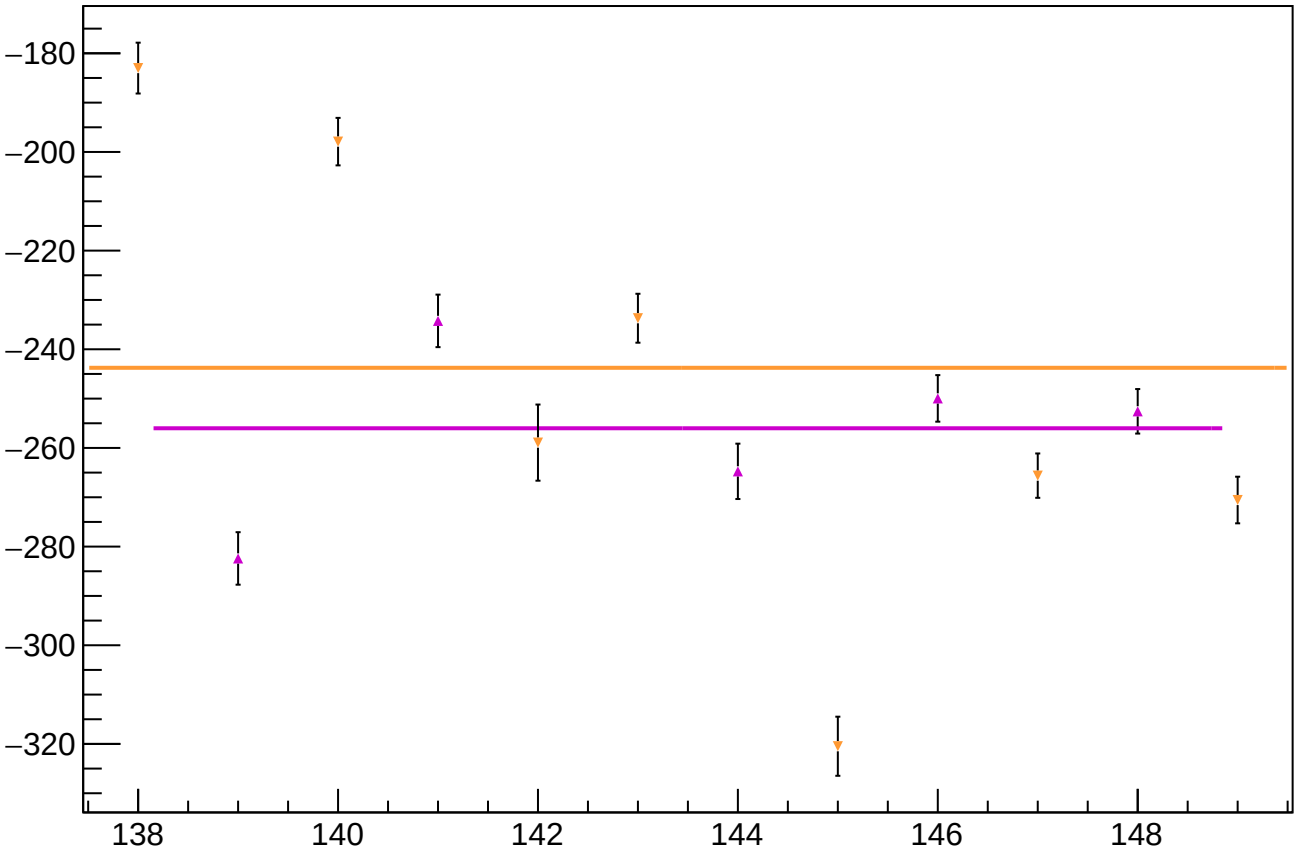
Left: 20.572+/-0.029 χ^2/NDF: 421822.8/11

Right: -4.569+/-0.032 χ^2/NDF: 534660.8/35

In: 9.577+/-0.031 χ^2/NDF:500430.1/21

Out: 9.284+/-0.030 χ^2/NDF:789400.5/25

All: 9.428+/-0.022 χ^2/NDF: 1289876.4/47



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

Left Out: -243.753+/-1.960 χ^2/NDF:457.5/6

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

Left In: -256.013+/-2.256 χ^2/NDF:46.0/4

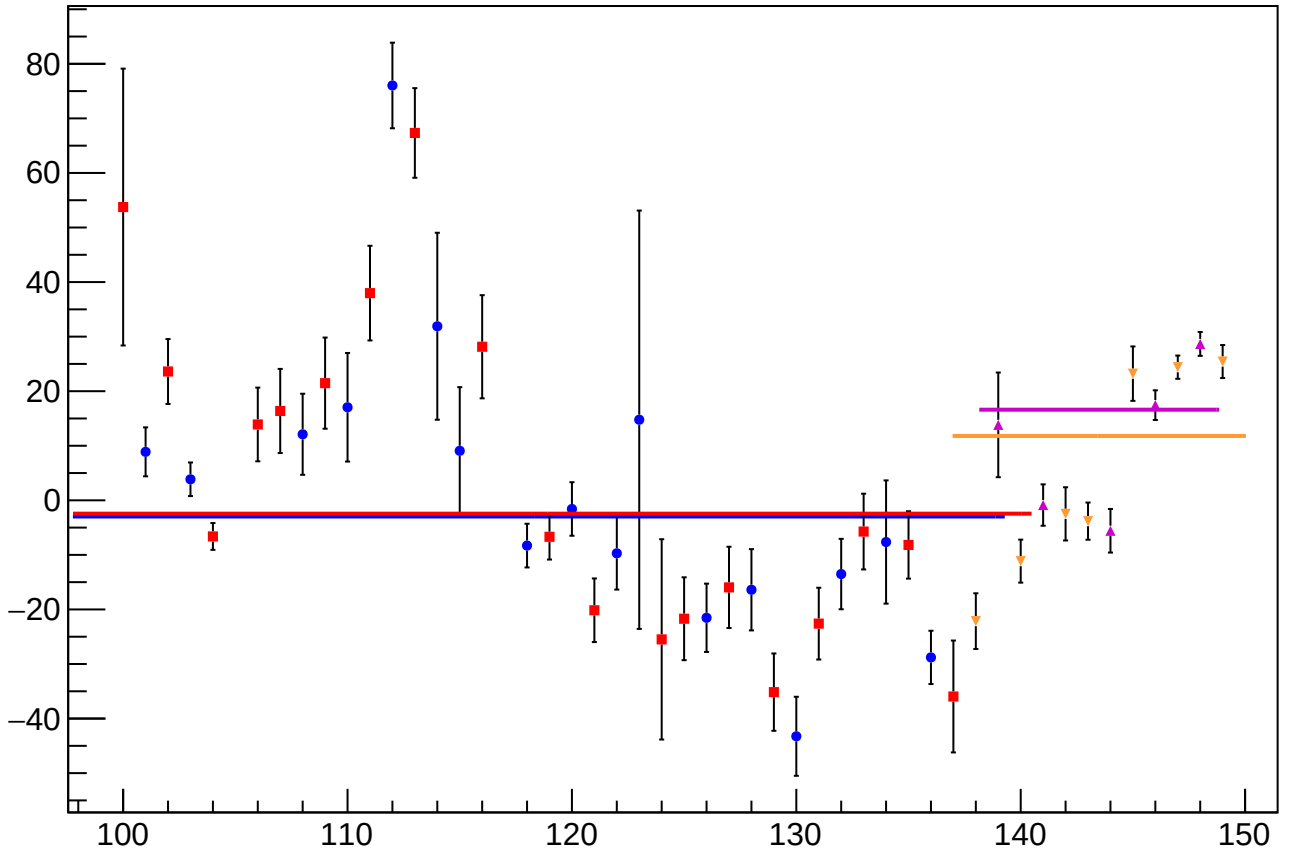
Left: -249.025+/-1.480 χ^2/NDF: 520.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -256.013+/-2.256 χ^2/NDF:46.0/4

Out: -243.753+/-1.960 χ^2/NDF:457.5/6

All: -249.025+/-1.480 χ^2/NDF: 520.3/11



Right In: -2.964+/-1.452 χ^2/NDF: 203.5/16

Left Out: 11.796+/-1.290 χ^2/NDF:168.3/6

Right Out: -2.445+/-1.397 χ^2/NDF: 215.4/18

Left In: 16.610+/-1.432 χ^2/NDF:82.7/4

Left: 13.952+/-0.958 χ^2/NDF: 257.2/11

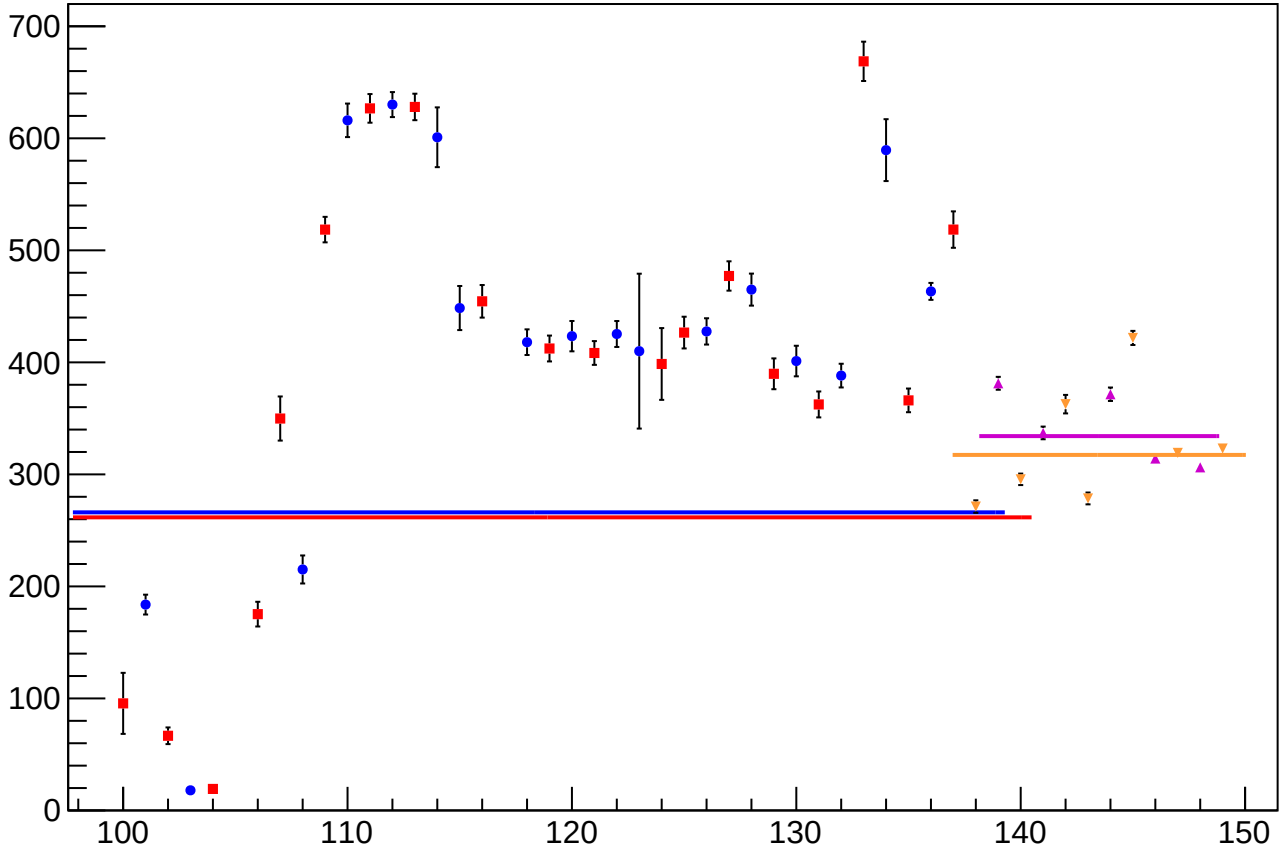
Right: -2.694+/-1.007 χ^2/NDF: 419.0/35

In: 6.961+/-1.020 χ^2/NDF:378.3/21

Out: 5.241+/-0.948 χ^2/NDF:439.8/25

All: 6.038+/-0.694 χ^2/NDF: 819.6/47

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF: 7644.0/16

Left Out: 317.380+/-1.985 χ^2/NDF:447.5/6

Right Out: 261.642+/-2.457 χ^2/NDF: 8209.5/18

Left In: 334.168+/-2.269 χ^2/NDF:169.2/4

Left: 324.660+/-1.494 χ^2/NDF: 647.7/11

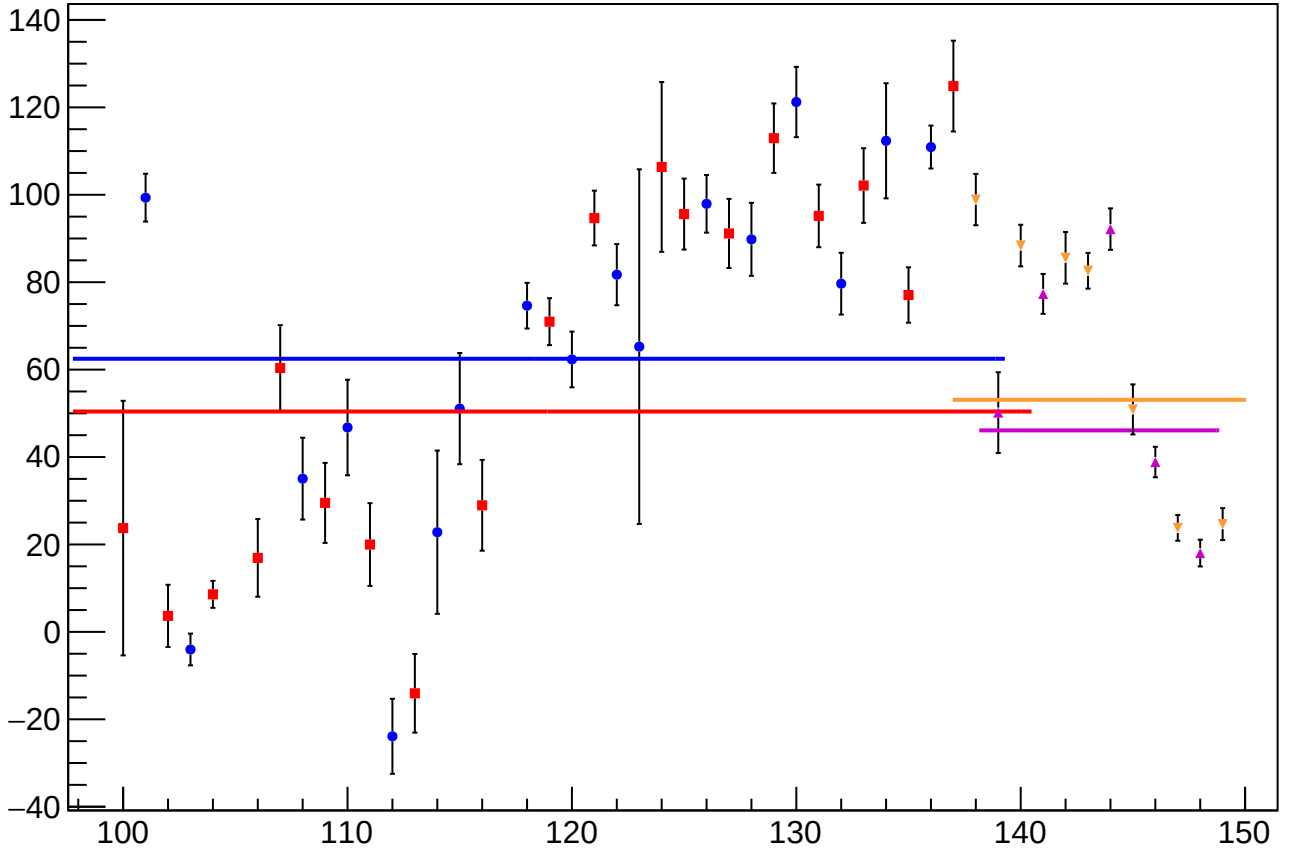
Right: 263.855+/-1.745 χ^2/NDF: 15855.1/35

In: 303.166+/-1.674 χ^2/NDF:8223.2/21

Out: 295.361+/-1.544 χ^2/NDF:8968.4/25

All: 298.949+/-1.135 χ^2/NDF: 17203.3/47

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF: 720.8/16

Left Out: 53.090+/-1.616 χ^2/NDF:358.5/6

Right Out: 50.421+/-1.642 χ^2/NDF: 651.4/18

Left In: 46.099+/-1.847 χ^2/NDF:229.7/4

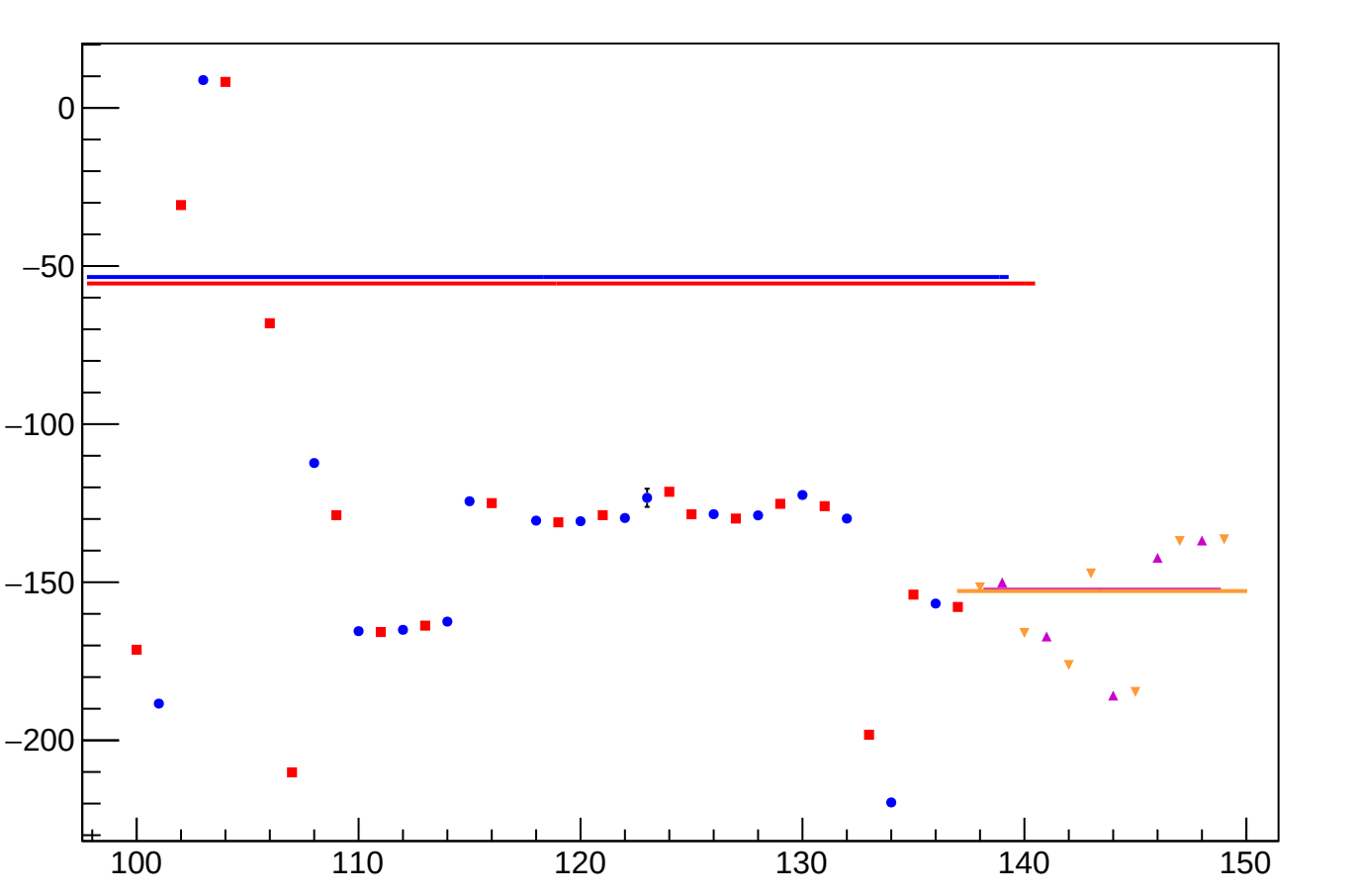
Left: 50.058+/-1.216 χ^2/NDF: 596.4/11

Right: 56.311+/-1.174 χ^2/NDF: 1398.6/35

In: 55.061+/-1.243 χ^2/NDF:993.6/21

Out: 51.776+/-1.152 χ^2/NDF:1011.3/25

All: 53.294+/-0.845 χ^2/NDF: 2008.6/47



Right In: -53.481+/-0.070 χ^2/NDF: 1228730.5/16

Left Out: -152.785+/-0.084 χ^2/NDF:39271.1/6

Right Out: -55.523+/-0.072 χ^2/NDF: 969818.3/18

Left In: -152.369+/-0.095 χ^2/NDF:30249.4/4

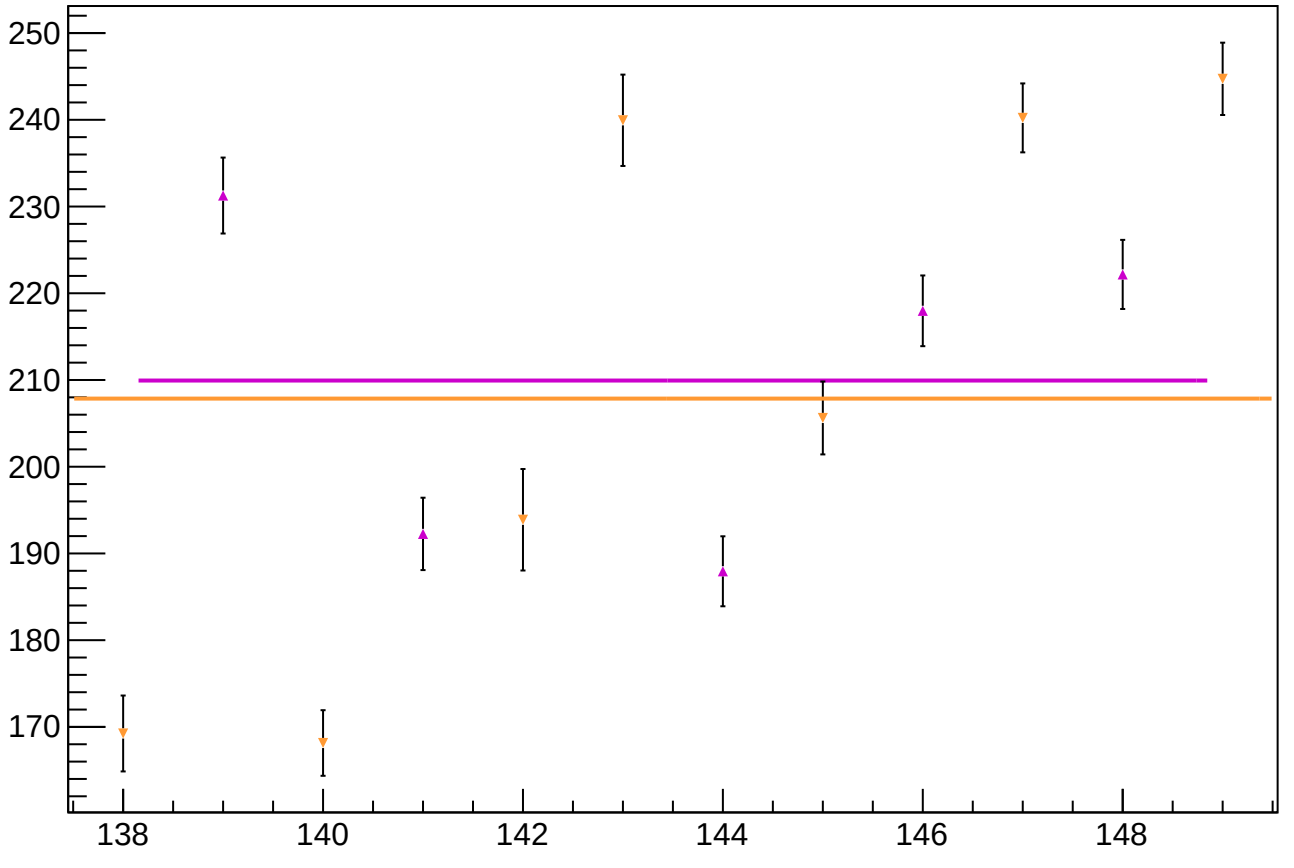
Left: -152.601+/-0.063 χ^2/NDF: 69531.2/11

Right: -54.479+/-0.050 χ^2/NDF: 2198961.2/35

In: -88.603+/-0.056 χ^2/NDF:1961563.3/21

Out: -96.391+/-0.055 χ^2/NDF:1778148.3/25

All: -92.617+/-0.039 χ^2/NDF: 3749519.4/47



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

Left Out: 207.855+/-1.656 χ^2/NDF:375.7/6

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

Left In: 209.937+/-1.844 χ^2/NDF:84.7/4

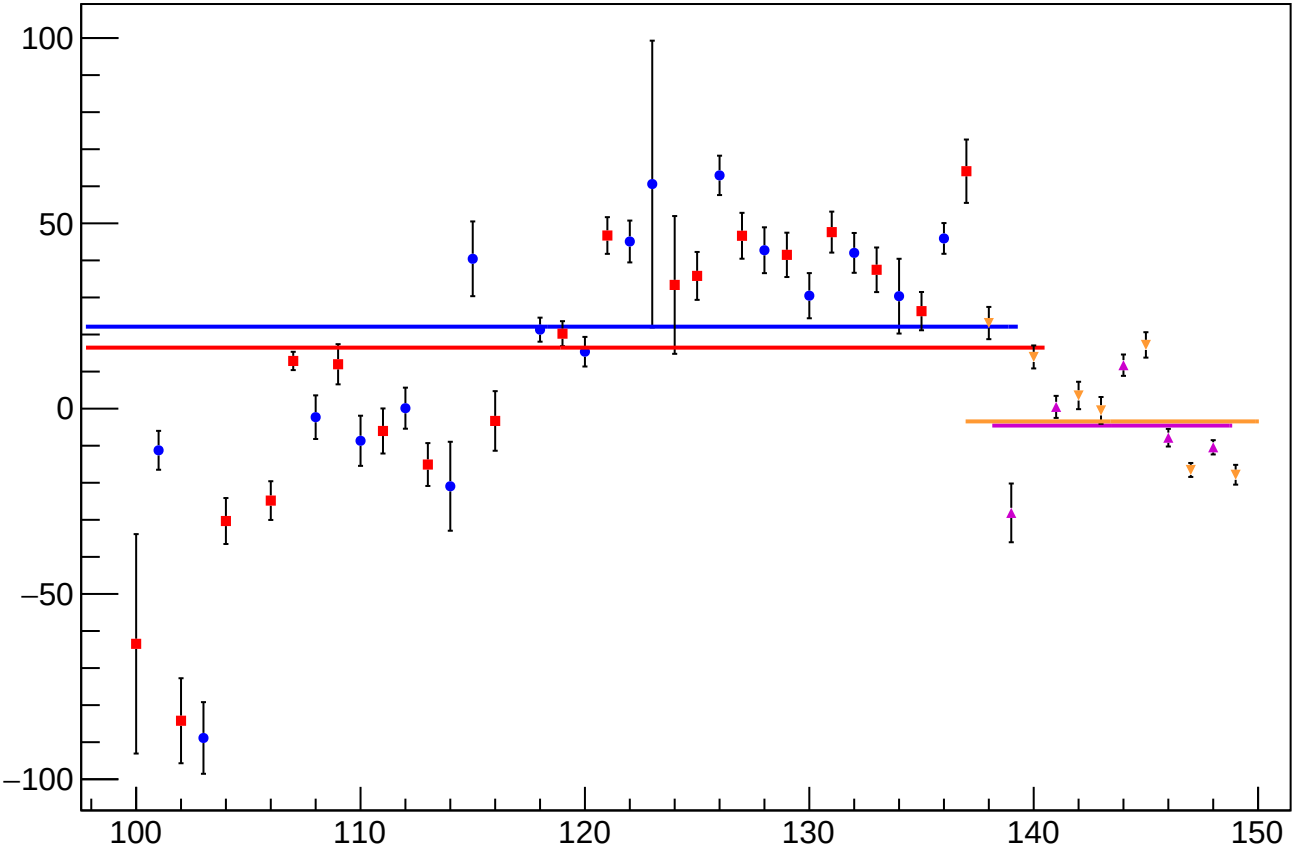
Left: 208.784+/-1.232 χ^2/NDF: 461.1/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 209.937+/-1.844 χ^2/NDF:84.7/4

Out: 207.855+/-1.656 χ^2/NDF:375.7/6

All: 208.784+/-1.232 χ^2/NDF: 461.1/11



Right In: 22.119+/-1.376 χ^2/NDF: 382.0/16

Left Out: -3.443+/-1.109 χ^2/NDF:186.6/6

Right Out: 16.464+/-1.228 χ^2/NDF: 424.1/18

Left In: -4.561+/-1.200 χ^2/NDF:54.8/4

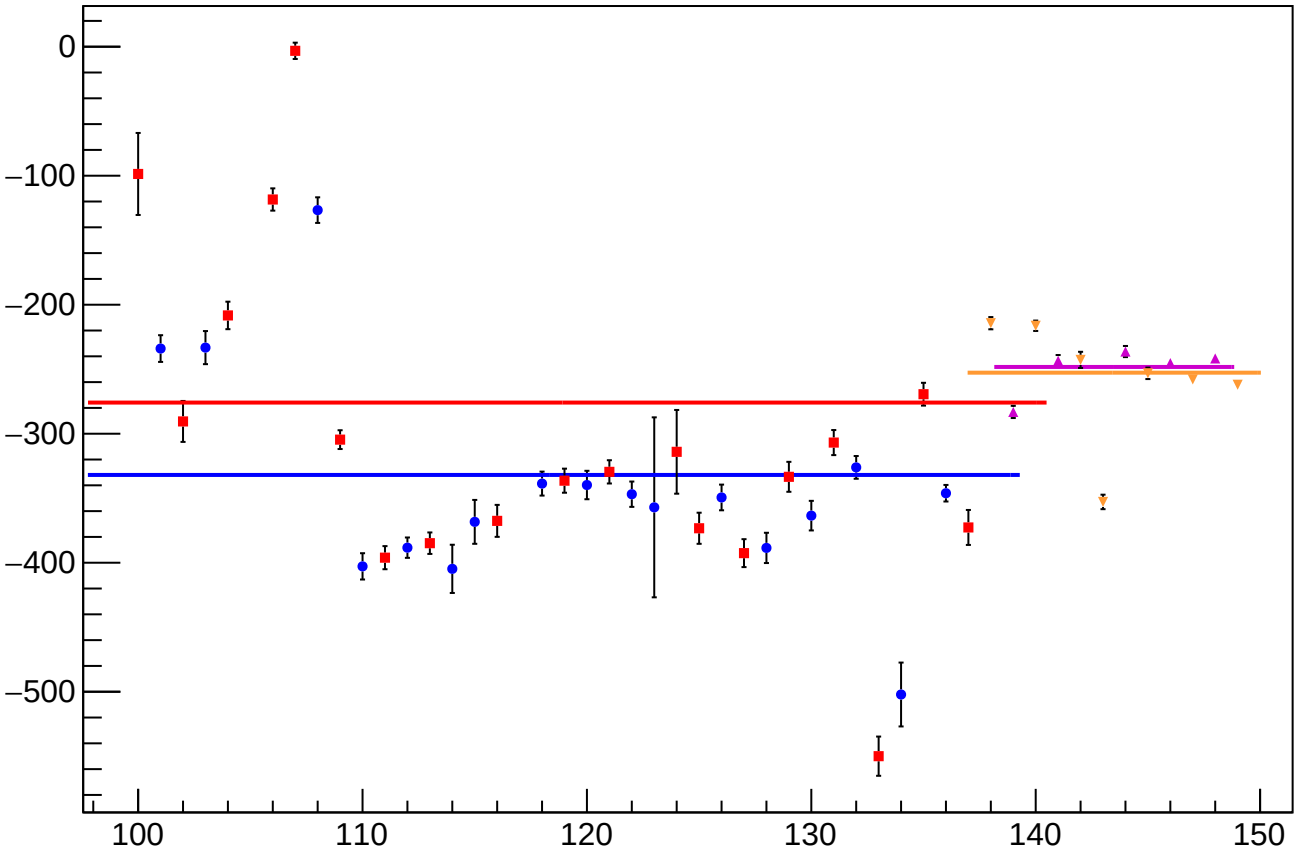
Left: -3.958+/-0.814 χ^2/NDF: 241.9/11

Right: 18.970+/-0.916 χ^2/NDF: 815.5/35

In: 6.962+/-0.905 χ^2/NDF:650.2/21

Out: 5.496+/-0.823 χ^2/NDF:755.6/25

All: 6.160+/-0.609 χ^2/NDF: 1407.2/47



Right In: -331.952+/-2.567 χ^2/NDF: 785.6/16

Left Out: -252.673+/-1.685 χ^2/NDF:475.4/6

Right Out: -275.853+/-2.323 χ^2/NDF: 3361.7/18

Left In: -248.243+/-1.868 χ^2/NDF:66.7/4

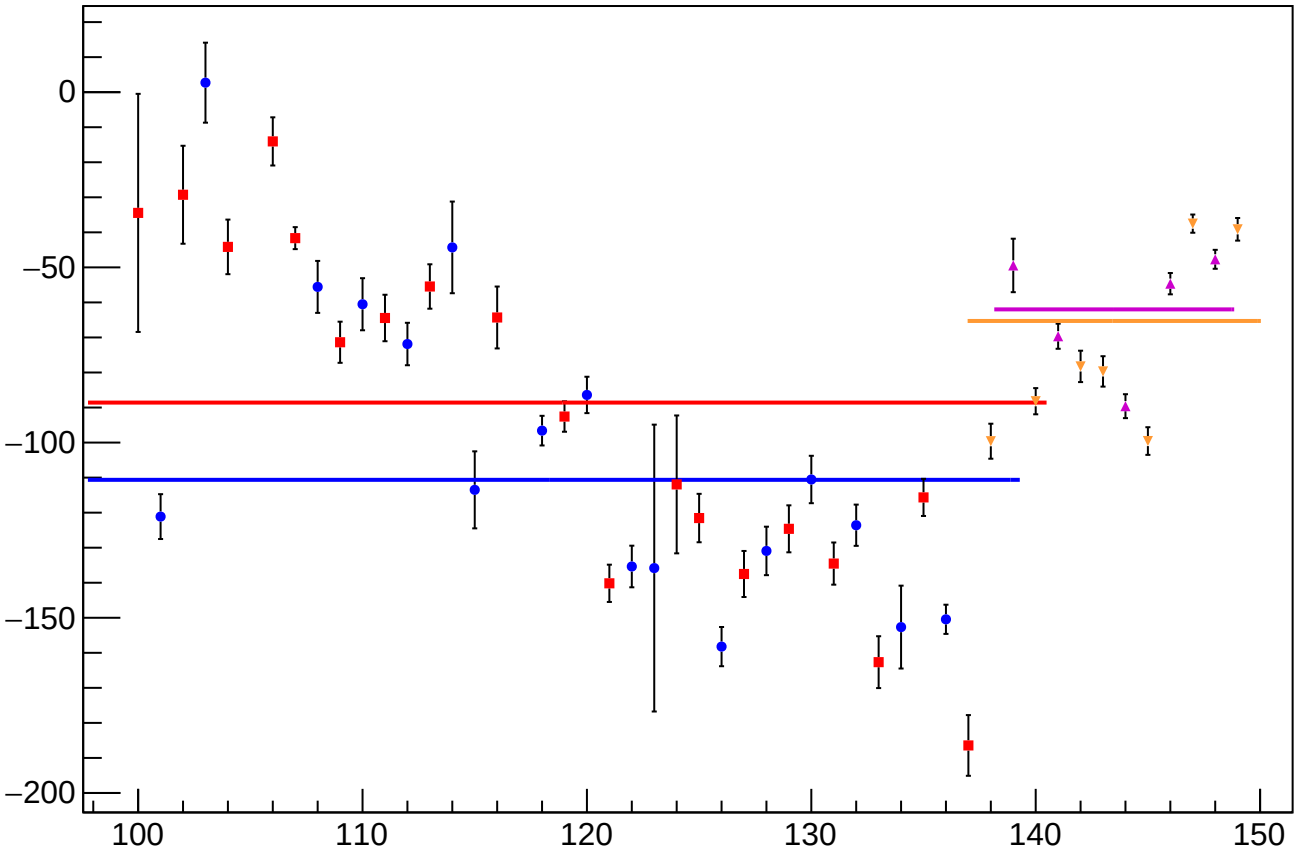
Left: -250.685+/-1.251 χ^2/NDF: 545.3/11

Right: -301.110+/-1.723 χ^2/NDF: 4409.7/35

In: -277.218+/-1.510 χ^2/NDF:1547.5/21

Out: -260.665+/-1.364 χ^2/NDF:3902.3/25

All: -268.101+/-1.012 χ^2/NDF: 5515.9/47



Right In: -110.633+/-1.581 χ^2/NDF: 508.9/16

Left Out: -65.291+/-1.383 χ^2/NDF:359.5/6

Right Out: -88.586+/-1.433 χ^2/NDF: 966.5/18

Left In: -61.988+/-1.532 χ^2/NDF:106.5/4

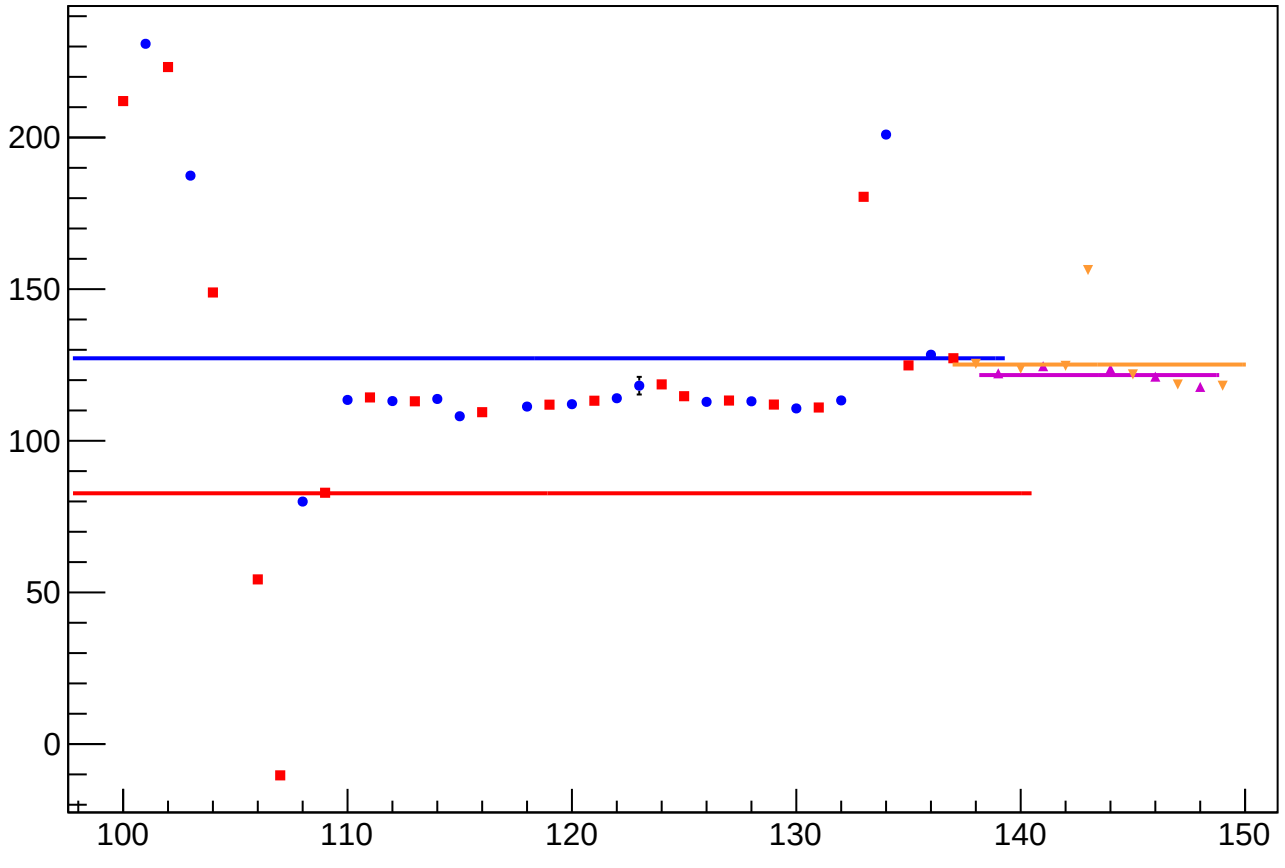
Left: -63.808+/-1.027 χ^2/NDF: 468.6/11

Right: -98.530+/-1.062 χ^2/NDF: 1582.1/35

In: -85.546+/-1.100 χ^2/NDF:1103.5/21

Out: -76.522+/-0.995 χ^2/NDF:1462.9/25

All: -80.582+/-0.738 χ^2/NDF: 2603.4/47



Right In: 127.205+/-0.089 χ^2/NDF: 188026.3/16

Left Out: 125.143+/-0.071 χ^2/NDF:22470.2/6

Right Out: 82.690+/-0.075 χ^2/NDF: 765706.3/18

Left In: 121.671+/-0.078 χ^2/NDF:994.6/4

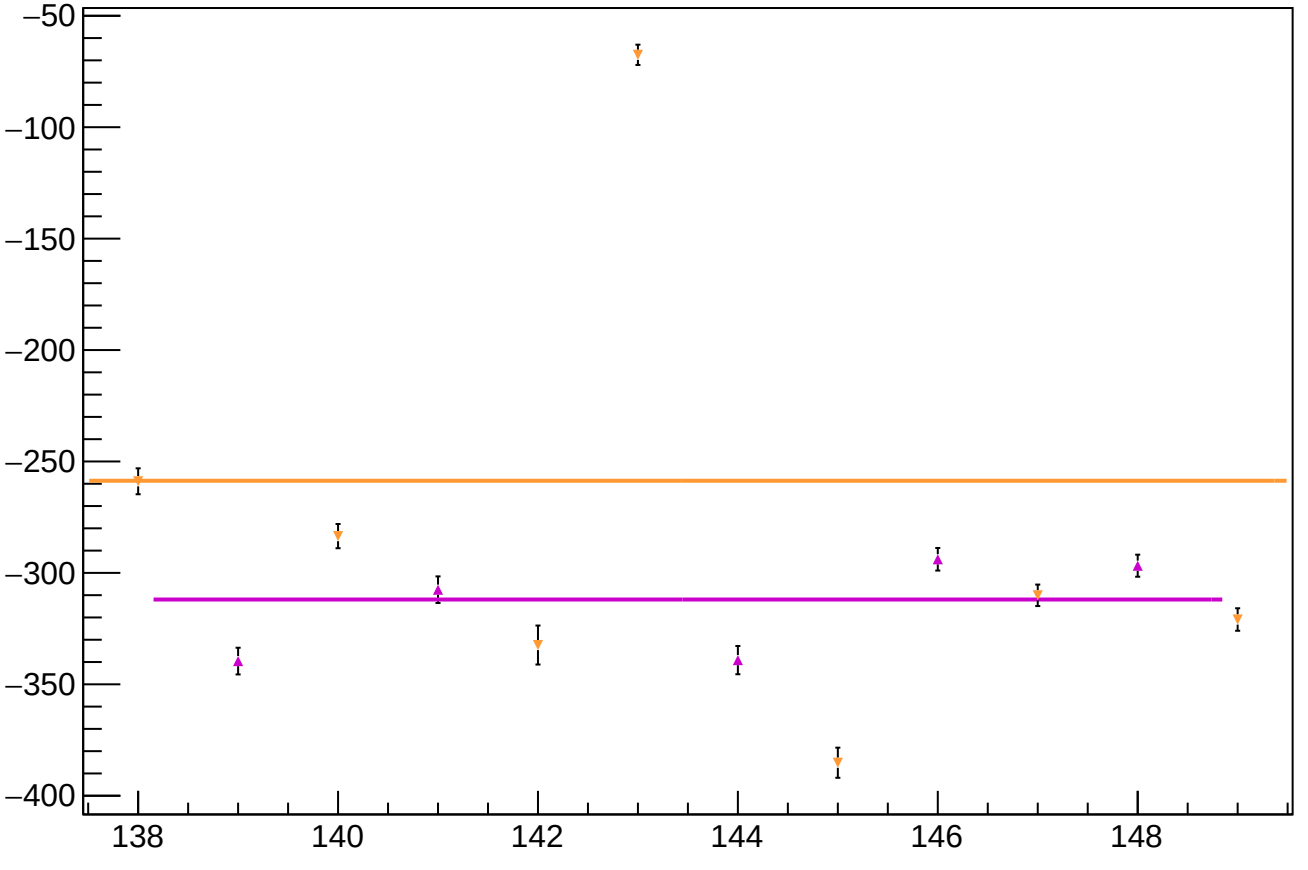
Left: 123.558+/-0.053 χ^2/NDF: 24543.6/11

Right: 101.224+/-0.058 χ^2/NDF: 1099306.1/35

In: 124.068+/-0.059 χ^2/NDF:191205.5/21

Out: 105.034+/-0.052 χ^2/NDF:955544.2/25

All: 113.375+/-0.039 χ^2/NDF: 1205893.7/47



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

Left Out: -258.652+/-2.090 χ^2/NDF:2472.8/6

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

Left In: -311.947+/-2.496 χ^2/NDF:62.3/4

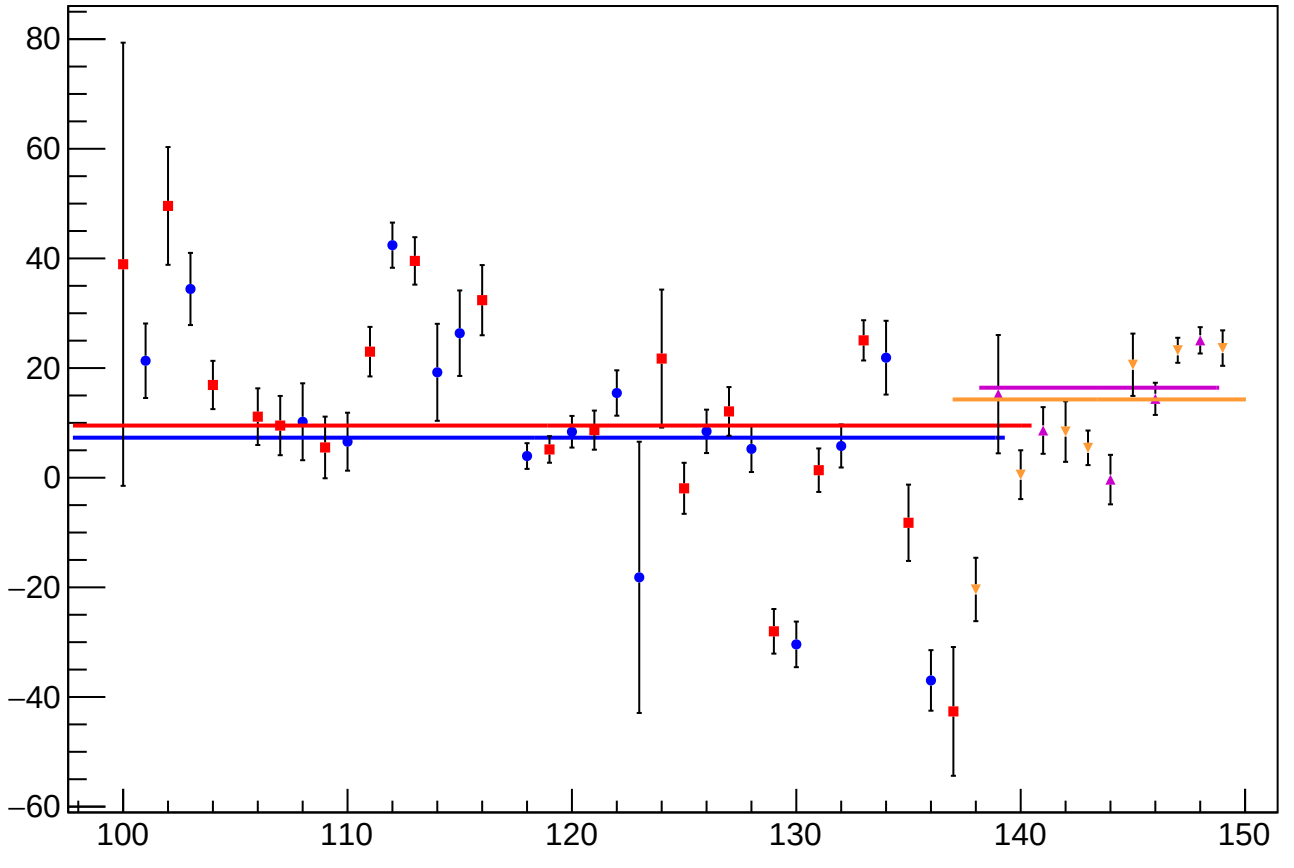
Left: -280.616+/-1.603 χ^2/NDF: 2803.0/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -311.947+/-2.496 χ^2/NDF:62.3/4

Out: -258.652+/-2.090 χ^2/NDF:2472.8/6

All: -280.616+/-1.603 χ^2/NDF: 2803.0/11



Right In: 7.303+/-1.086 χ^2/NDF: 260.6/16

Left Out: 14.279+/-1.371 χ^2/NDF:79.4/6

Right Out: 9.513+/-1.073 χ^2/NDF: 231.7/18

Left In: 16.418+/-1.576 χ^2/NDF:30.6/4

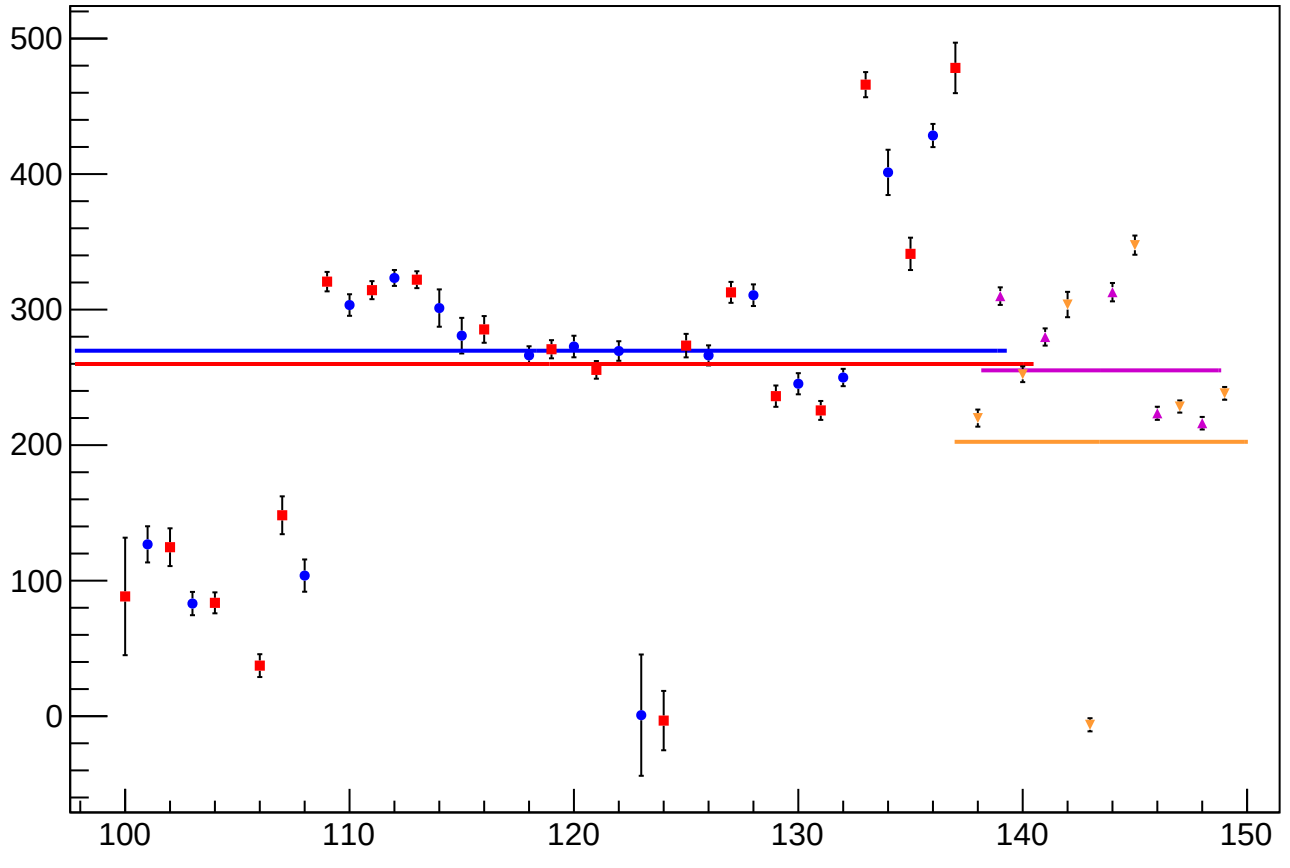
Left: 15.200+/-1.035 χ^2/NDF: 111.1/11

Right: 8.421+/-0.763 χ^2/NDF: 494.4/35

In: 10.235+/-0.894 χ^2/NDF:313.9/21

Out: 11.323+/-0.845 χ^2/NDF:318.6/25

All: 10.809+/-0.614 χ^2/NDF: 633.3/47



Right In: 269.664+/-2.076 χ^2/NDF: 1376.6/16

Left Out: 202.452+/-2.117 χ^2/NDF:2560.6/6

Right Out: 259.869+/-1.977 χ^2/NDF: 2543.7/18

Left In: 255.174+/-2.505 χ^2/NDF:272.0/4

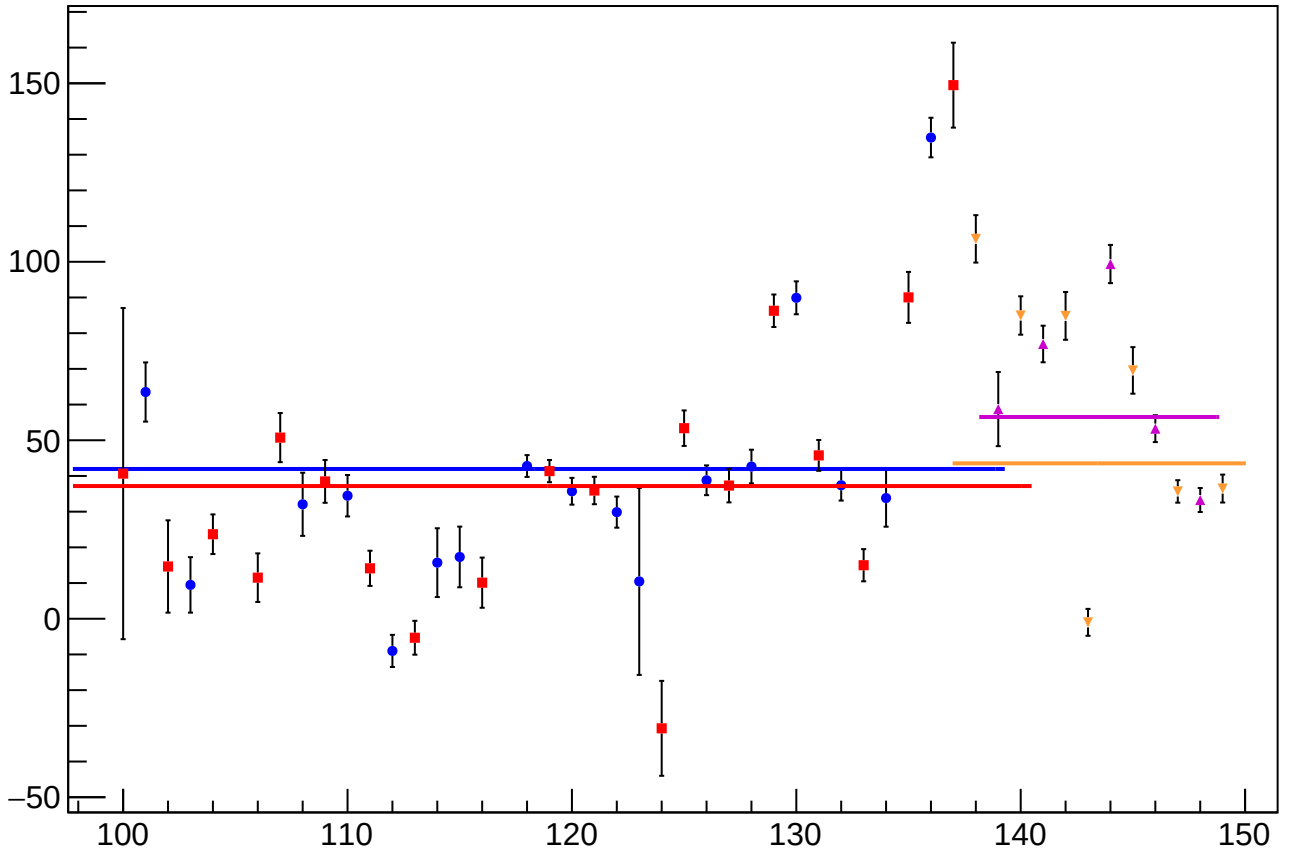
Left: 224.426+/-1.617 χ^2/NDF: 3091.1/11

Right: 264.527+/-1.432 χ^2/NDF: 3931.9/35

In: 263.763+/-1.598 χ^2/NDF:1668.5/21

Out: 233.132+/-1.445 χ^2/NDF:5497.2/25

All: 246.907+/-1.072 χ^2/NDF: 7367.8/47



Right In: 41.959+/-1.258 χ^2/NDF: 574.2/16

Left Out: 43.536+/-1.716 χ^2/NDF:352.1/6

Right Out: 37.174+/-1.236 χ^2/NDF: 470.9/18

Left In: 56.517+/-2.035 χ^2/NDF:128.7/4

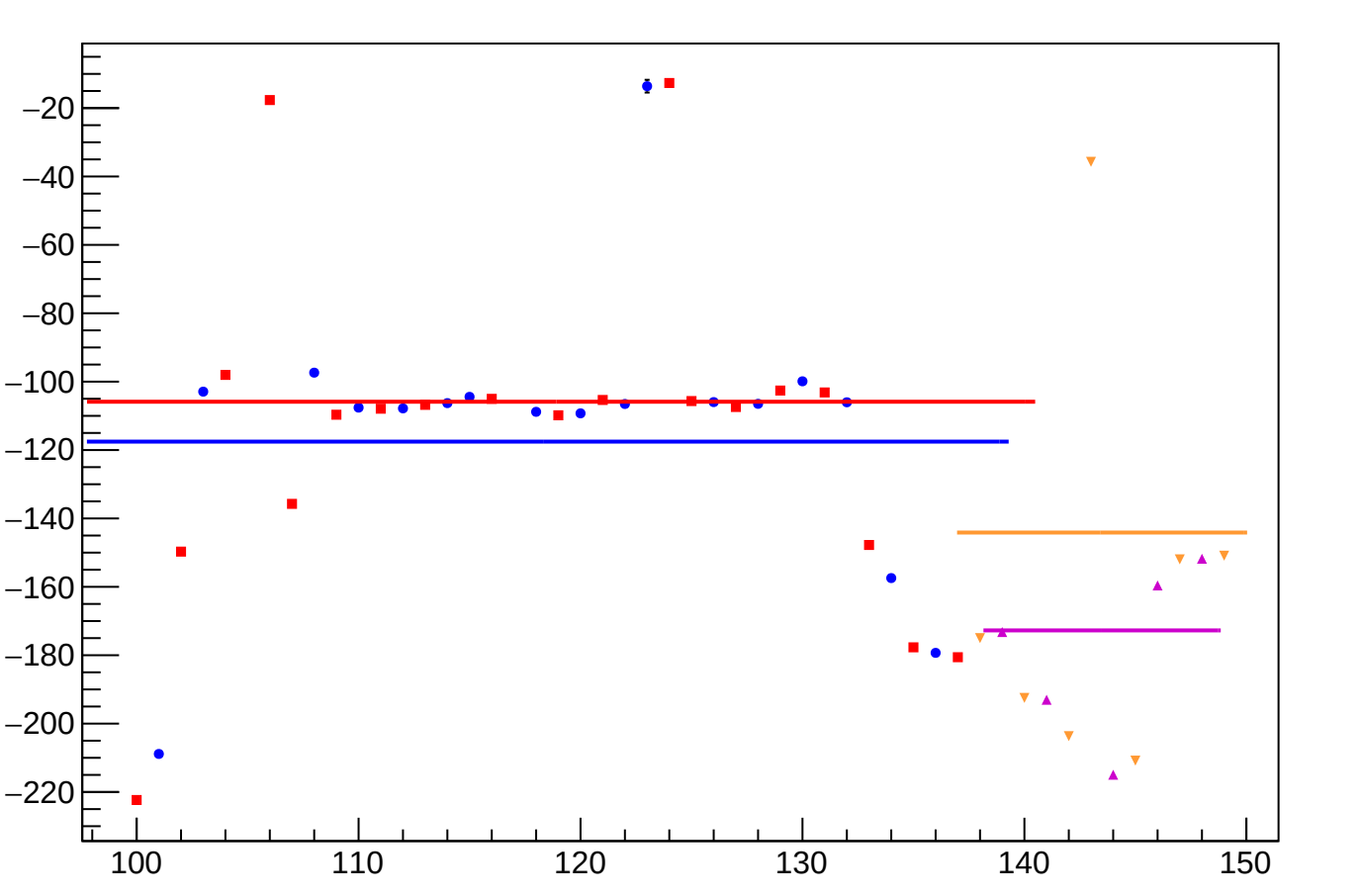
Left: 48.929+/-1.312 χ^2/NDF: 504.6/11

Right: 39.523+/-0.882 χ^2/NDF: 1052.5/35

In: 45.986+/-1.070 χ^2/NDF:740.0/21

Out: 39.347+/-1.003 χ^2/NDF:832.1/25

All: 42.450+/-0.732 χ^2/NDF: 1592.5/47



Right In: -117.533+/-0.078 χ^2/NDF: 142039.8/16

Left Out: -144.124+/-0.090 χ^2/NDF:445388.0/6

Right Out: -105.868+/-0.073 χ^2/NDF: 324319.1/18

Left In: -172.741+/-0.105 χ^2/NDF:40972.0/4

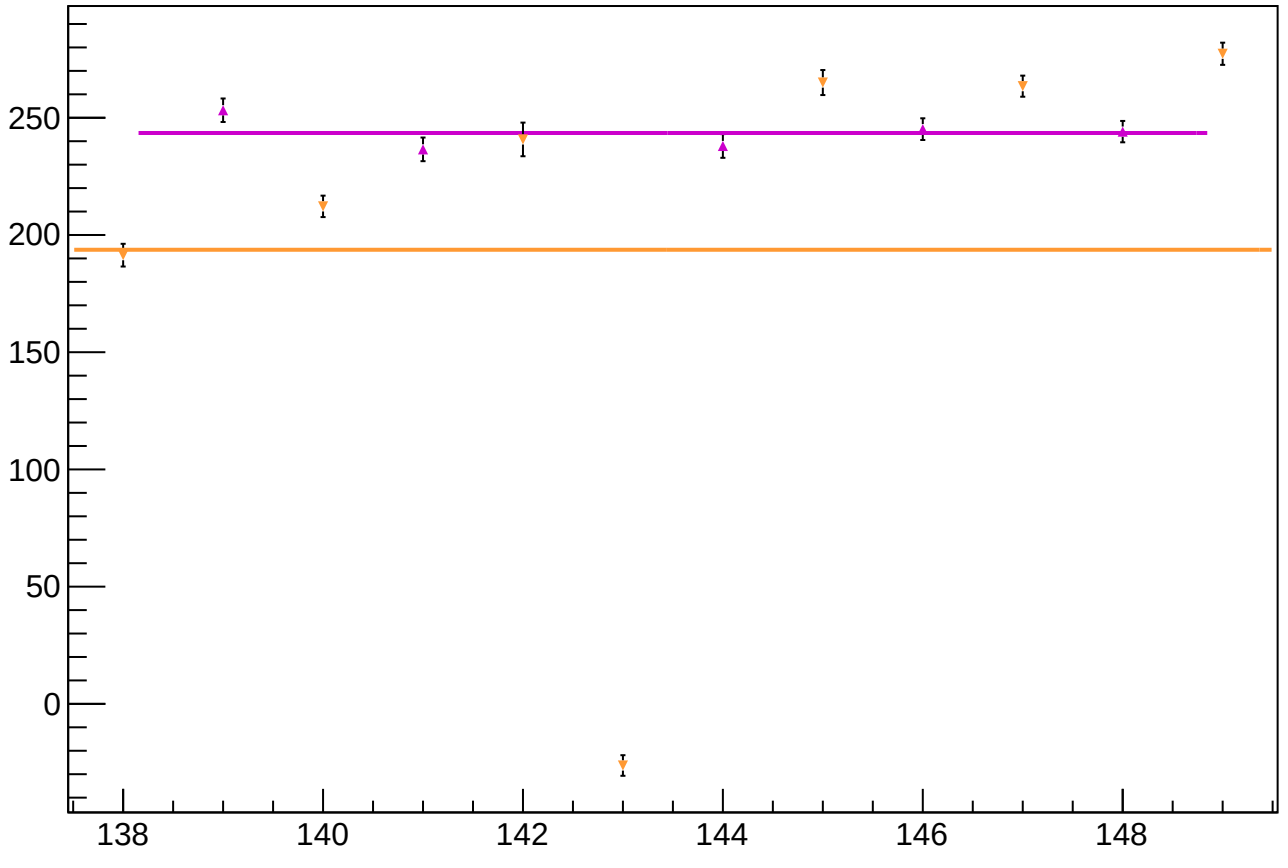
Left: -156.247+/-0.068 χ^2/NDF: 529286.9/11

Right: -111.288+/-0.053 χ^2/NDF: 478296.7/35

In: -137.240+/-0.063 χ^2/NDF:361263.8/21

Out: -121.014+/-0.057 χ^2/NDF:879110.1/25

All: -128.301+/-0.042 χ^2/NDF: 1277331.3/47



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

Left Out: 193.700+/-1.854 χ^2/NDF:3296.3/6

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

Left In: 243.508+/-2.166 χ^2/NDF:7.0/4

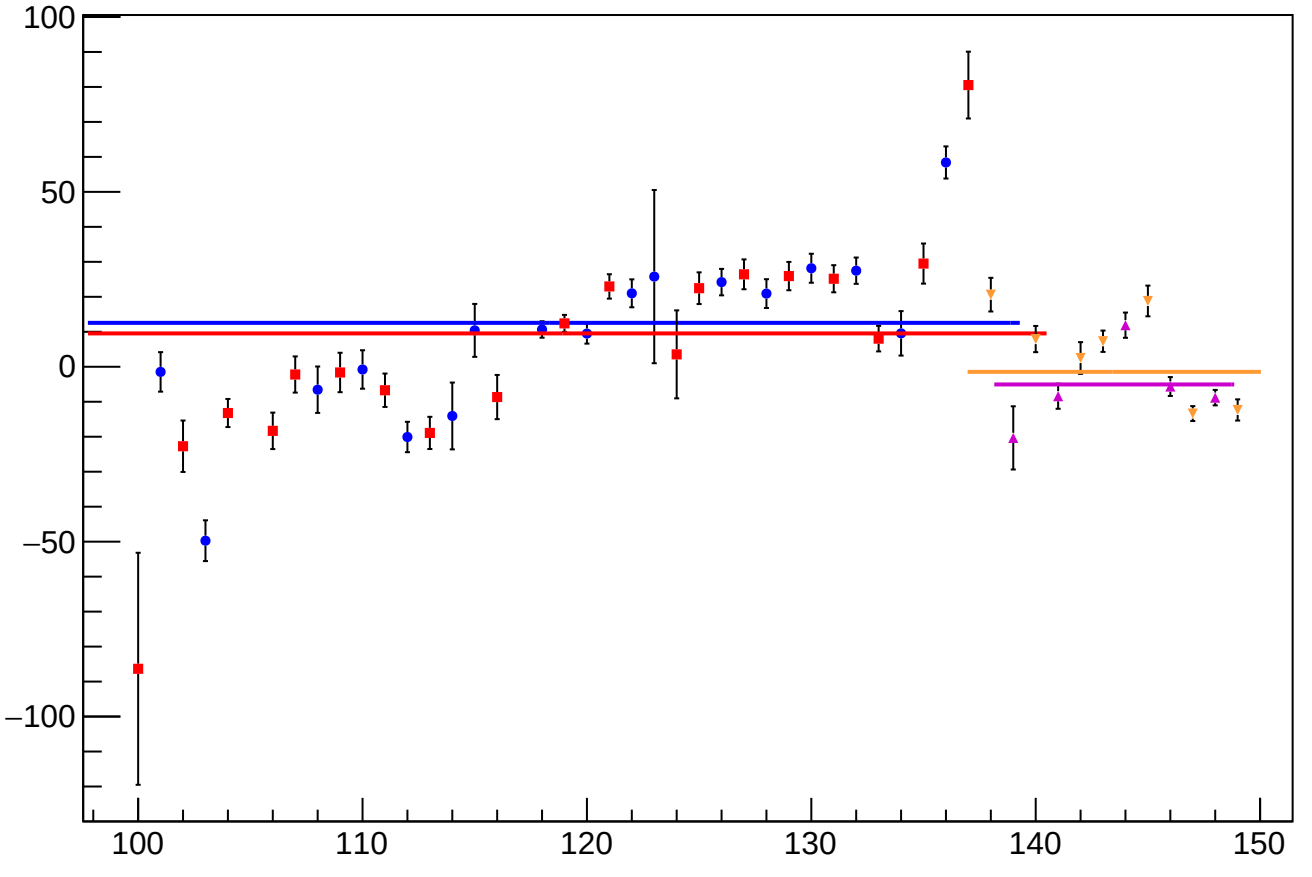
Left: 214.767+/-1.409 χ^2/NDF: 3608.5/11

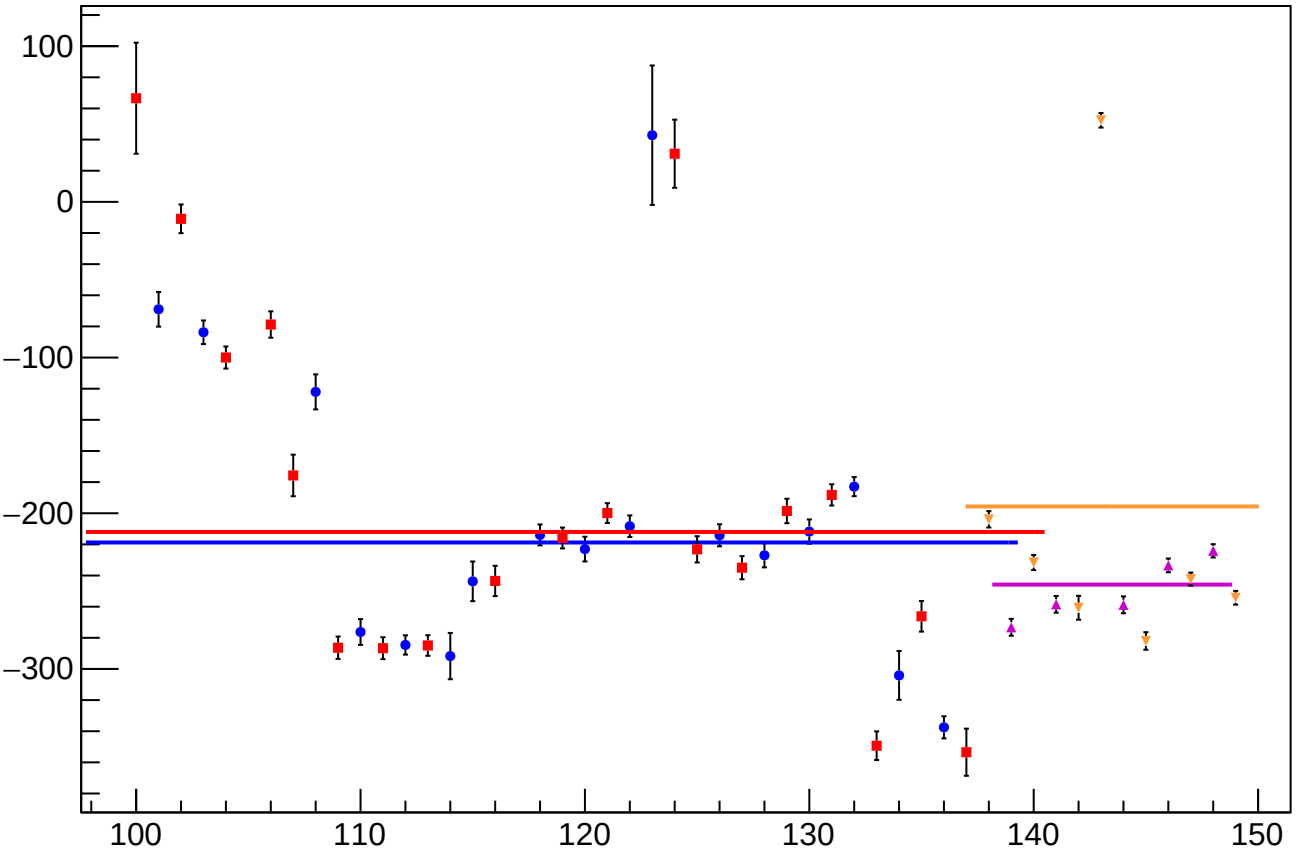
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 243.508+/-2.166 χ^2/NDF:7.0/4

Out: 193.700+/-1.854 χ^2/NDF:3296.3/6

All: 214.767+/-1.409 χ^2/NDF: 3608.5/11


reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
100
50
0
−50
−100
100
110
120
130
140
150
Right In: 12.559+/-1.057 χ²/NDF: 348.6/16
Left Out: -1.455+/-1.239 χ²/NDF:101.9/6
Right Out: 9.535+/-1.049 χ²/NDF: 295.8/18
Left In: -5.054+/-1.402 χ²/NDF:28.7/4
Left: -3.033+/-0.928 χ²/NDF: 134.3/11
Right: 11.035+/-0.745 χ²/NDF: 648.5/35
In: 6.172+/-0.844 χ²/NDF:477.9/21
Out: 4.947+/-0.800 χ²/NDF:443.5/25
All: 5.527+/-0.581 χ²/NDF: 922.6/47



Right In: -218.770+/-2.010 χ^2/NDF: 1144.4/16

Left Out: -195.632+/-1.889 χ^2/NDF:3462.4/6

Right Out: -212.004+/-1.923 χ^2/NDF: 1885.7/18

Left In: -245.808+/-2.188 χ^2/NDF:70.5/4

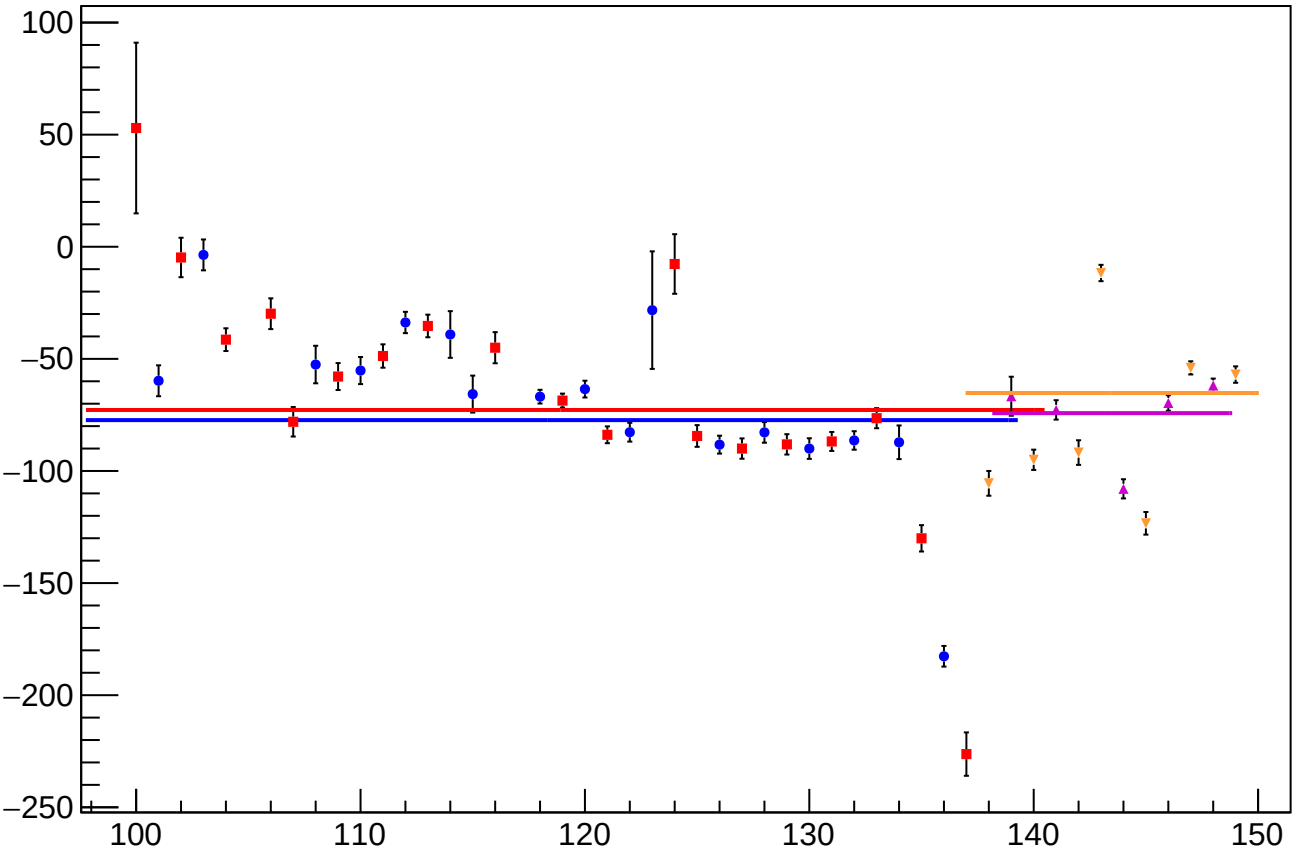
Left: -217.068+/-1.430 χ^2/NDF: 3834.2/11

Right: -215.238+/-1.390 χ^2/NDF: 3036.0/35

In: -231.148+/-1.480 χ^2/NDF:1297.7/21

Out: -203.671+/-1.348 χ^2/NDF:5384.9/25

All: -216.127+/-0.997 χ^2/NDF: 6871.1/47



Right In: -77.319+/-1.222 χ^2/NDF: 817.7/16

Left Out: -65.215+/-1.544 χ^2/NDF:487.9/6

Right Out: -72.796+/-1.207 χ^2/NDF: 671.7/18

Left In: -74.200+/-1.796 χ^2/NDF:80.8/4

Left: -69.032+/-1.171 χ^2/NDF: 583.1/11

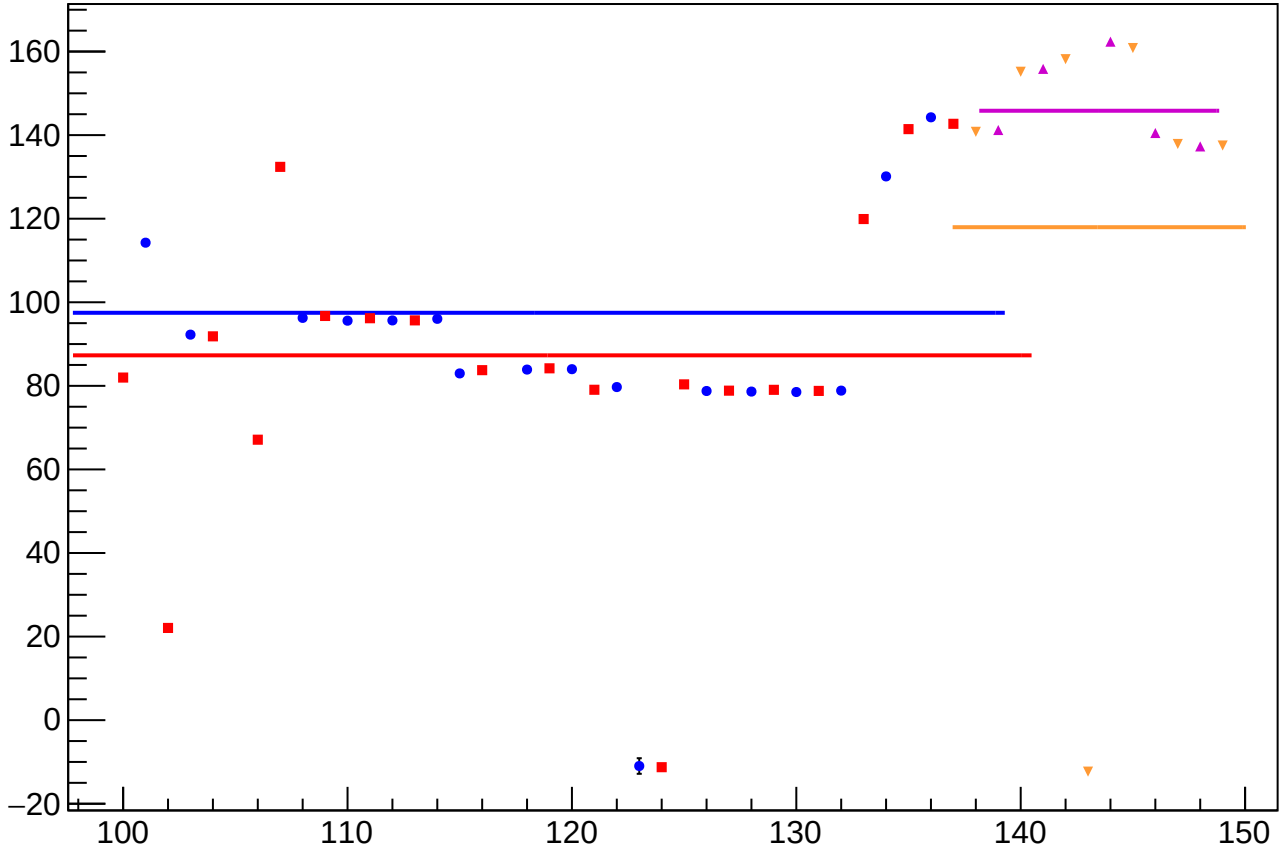
Right: -75.030+/-0.859 χ^2/NDF: 1496.4/35

In: -76.332+/-1.010 χ^2/NDF:900.6/21

Out: -69.919+/-0.951 χ^2/NDF:1174.6/25

All: -72.931+/-0.692 χ^2/NDF: 2096.5/47

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: 117.963+/-0.080 χ^2/NDF:596469.9/6

Right Out: 87.299+/-0.068 χ^2/NDF: 221885.0/18

Left In: 145.829+/-0.091 χ^2/NDF:10464.3/4

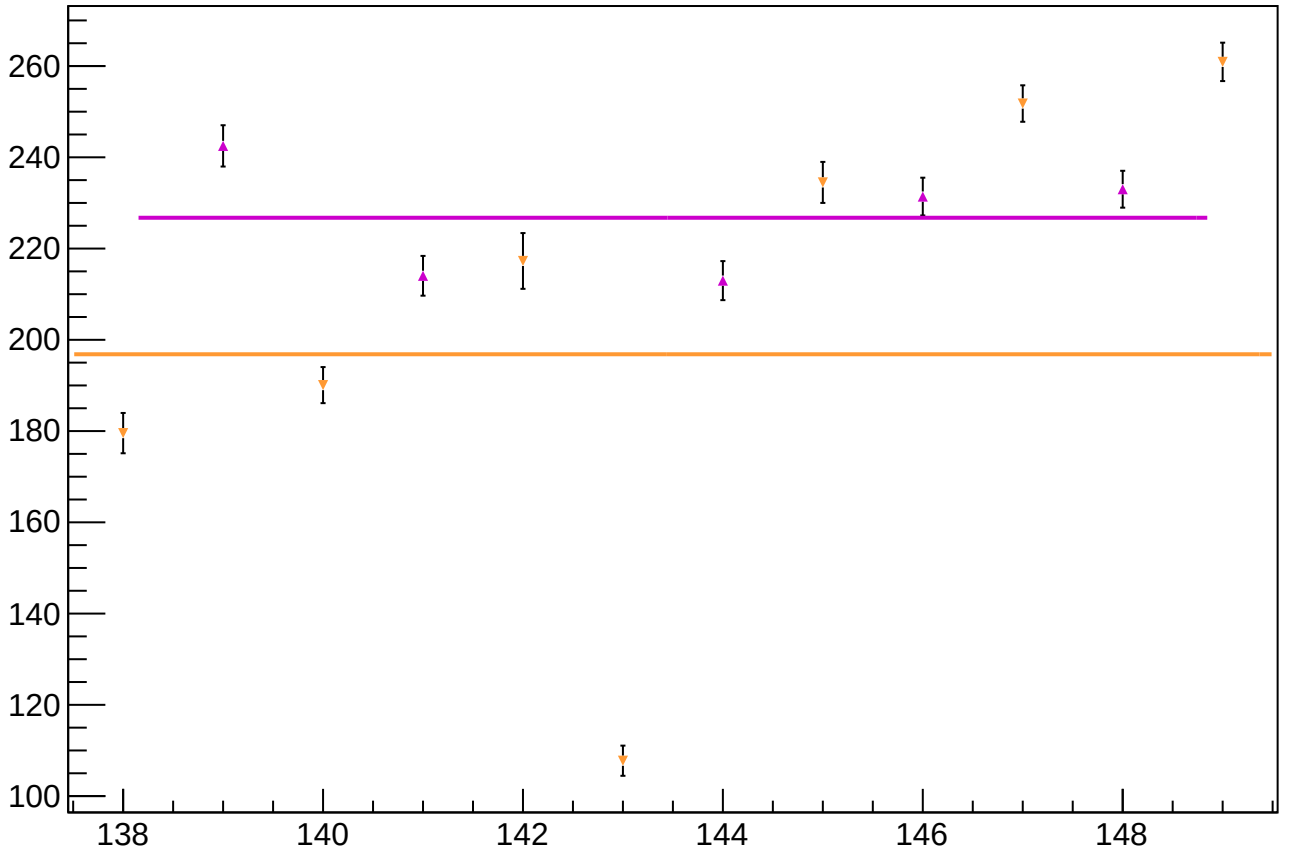
Left: 130.067+/-0.060 χ^2/NDF: 659803.0/11

Right: 92.021+/-0.050 χ^2/NDF: 326611.0/35

In: 116.491+/-0.057 χ^2/NDF:275585.1/21

Out: 100.234+/-0.052 χ^2/NDF:903574.7/25

All: 107.577+/-0.038 χ^2/NDF: 1223524.4/47



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

Left Out: 196.834+/-1.577 χ^2/NDF:1246.4/6

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

Left In: 226.752+/-1.904 χ^2/NDF:34.7/4

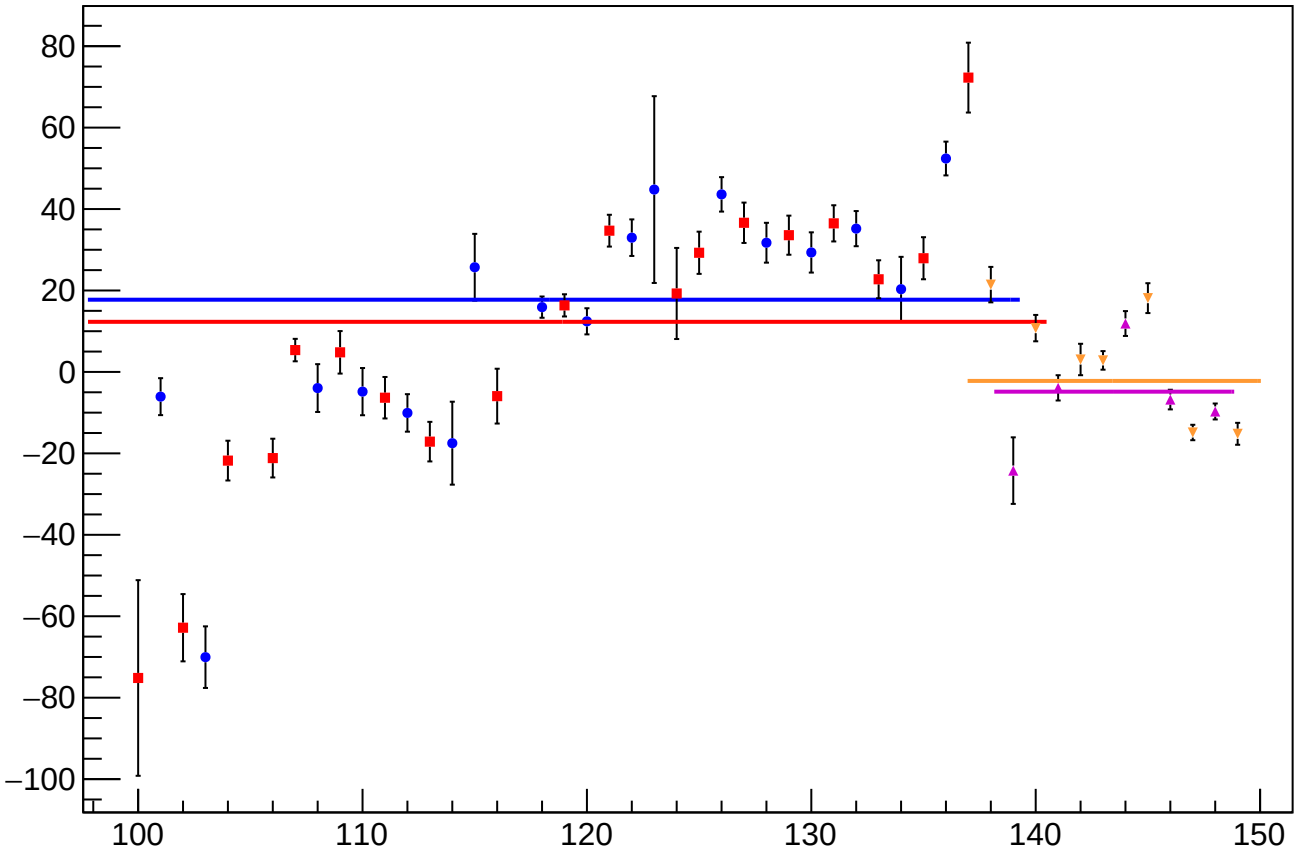
Left: 209.007+/-1.215 χ^2/NDF: 1427.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 226.752+/-1.904 χ^2/NDF:34.7/4

Out: 196.834+/-1.577 χ^2/NDF:1246.4/6

All: 209.007+/-1.215 χ^2/NDF: 1427.5/11



Right In: 17.737+/-1.149 χ^2/NDF: 394.0/16

Left Out: -2.207+/-1.055 χ^2/NDF:151.0/6

Right Out: 12.306+/-1.084 χ^2/NDF: 442.5/18

Left In: -4.848+/-1.232 χ^2/NDF:42.6/4

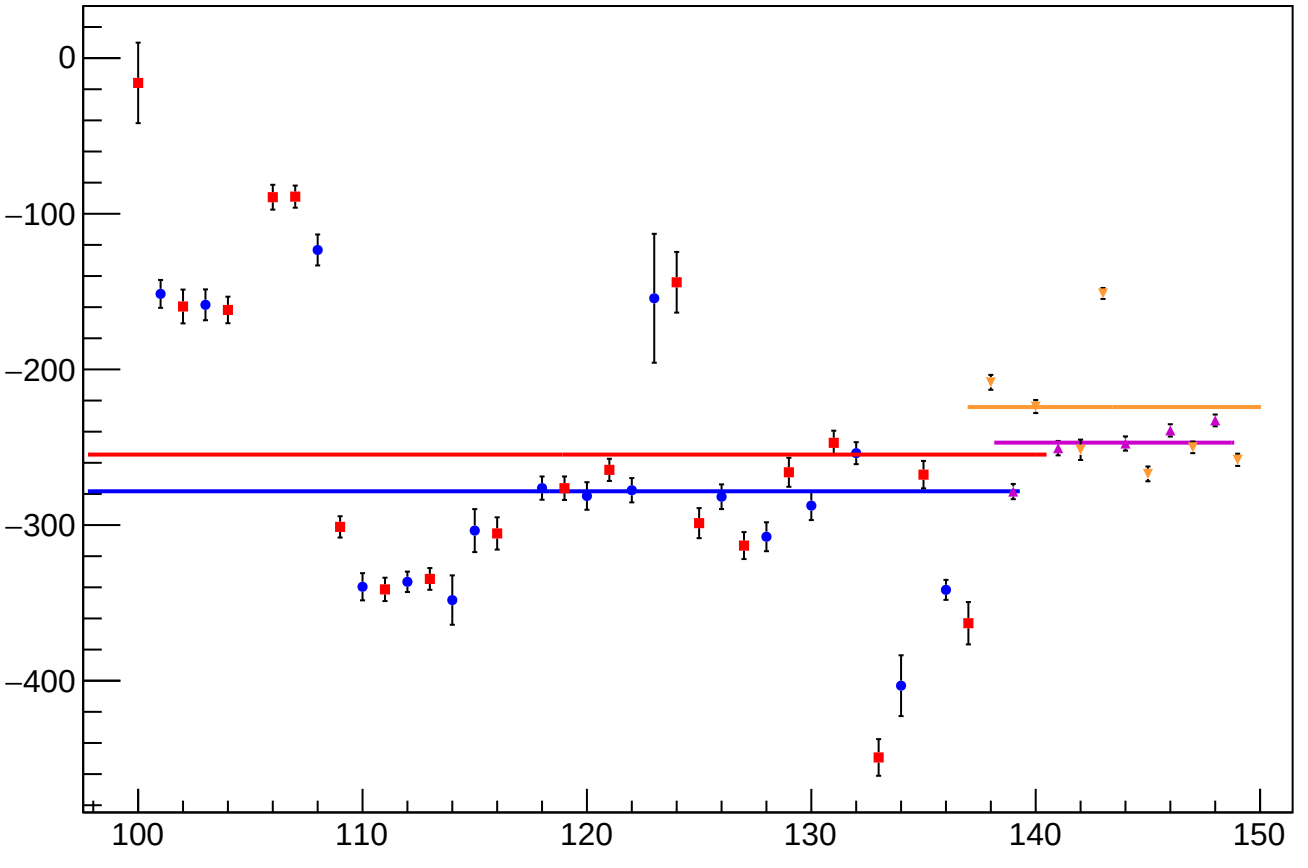
Left: -3.324+/-0.801 χ^2/NDF: 196.2/11

Right: 14.864+/-0.788 χ^2/NDF: 848.3/35

In: 7.236+/-0.840 χ^2/NDF:616.4/21

Out: 4.850+/-0.756 χ^2/NDF:685.5/25

All: 5.918+/-0.562 χ^2/NDF: 1306.3/47



Right In: -278.294+/-2.172 χ^2/NDF: 910.0/16

Left Out: -224.181+/-1.613 χ^2/NDF:660.7/6

Right Out: -254.713+/-2.019 χ^2/NDF: 2038.0/18

Left In: -247.051+/-1.926 χ^2/NDF:59.9/4

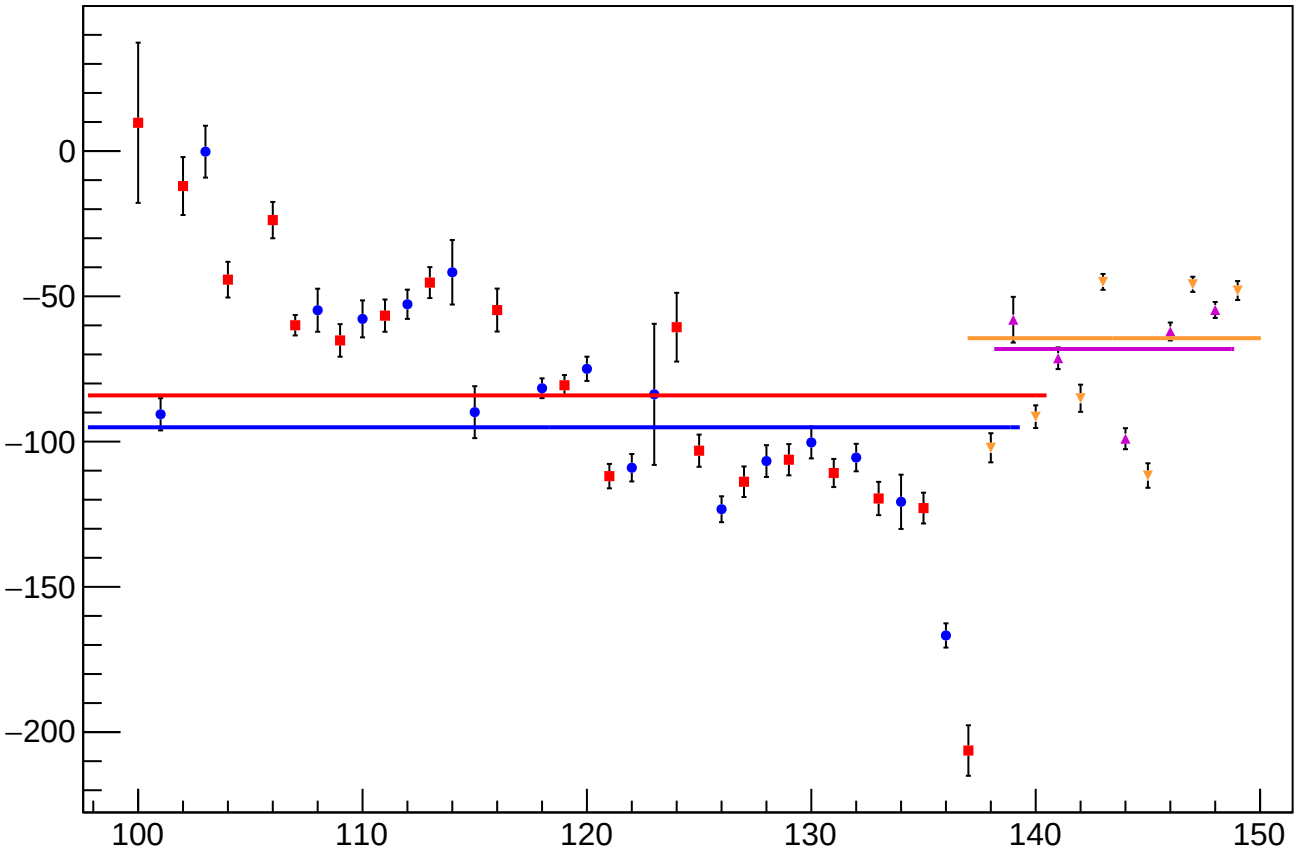
Left: -233.612+/-1.237 χ^2/NDF: 803.5/11

Right: -265.641+/-1.479 χ^2/NDF: 3011.2/35

In: -260.799+/-1.441 χ^2/NDF:1085.7/21

Out: -236.079+/-1.260 χ^2/NDF:2838.3/25

All: -246.792+/-0.949 χ^2/NDF: 4090.8/47



Right In: -95.074+/-1.325 χ^2/NDF: 673.2/16

Left Out: -64.409+/-1.311 χ^2/NDF:375.5/6

Right Out: -84.094+/-1.257 χ^2/NDF: 780.4/18

Left In: -68.128+/-1.577 χ^2/NDF:103.0/4

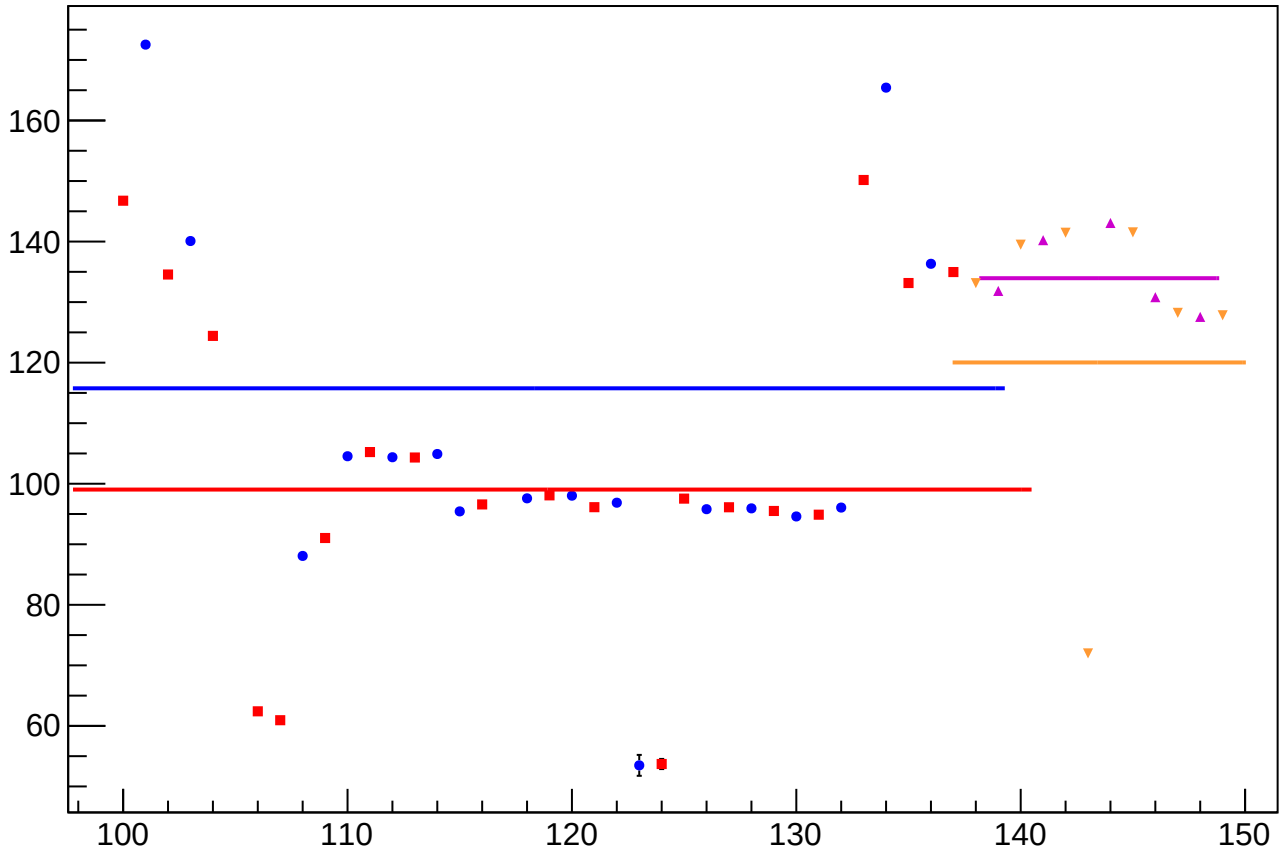
Left: -65.929+/-1.008 χ^2/NDF: 481.7/11

Right: -89.294+/-0.912 χ^2/NDF: 1489.7/35

In: -83.917+/-1.015 χ^2/NDF:947.3/21

Out: -74.663+/-0.907 χ^2/NDF:1273.4/25

All: -78.775+/-0.676 χ^2/NDF: 2266.9/47



Right In: 115.763+/-0.078 χ^2/NDF: 106297.4/16

Left Out: 120.032+/-0.068 χ^2/NDF:154740.4/6

Right Out: 99.037+/-0.068 χ^2/NDF: 173477.1/18

Left In: 133.950+/-0.080 χ^2/NDF:5198.5/4

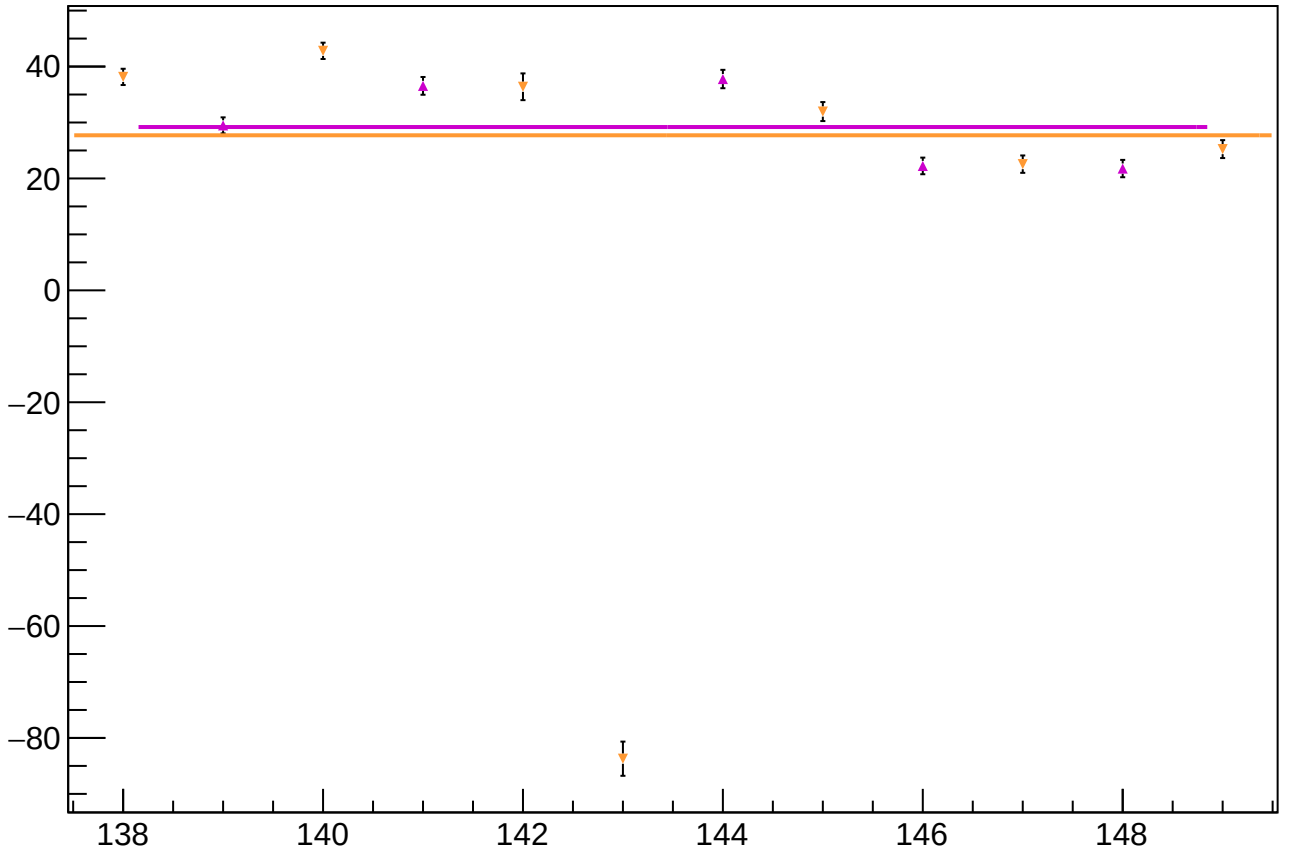
Left: 125.838+/-0.052 χ^2/NDF: 177414.9/11

Right: 106.308+/-0.051 χ^2/NDF: 305708.8/35

In: 124.594+/-0.056 χ^2/NDF:137836.3/21

Out: 109.608+/-0.048 χ^2/NDF:375550.4/25

All: 115.992+/-0.037 χ^2/NDF: 554477.2/47



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

Left Out: 27.714+/-0.649 χ^2/NDF:1521.2/6

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

Left In: 29.192+/-0.686 χ^2/NDF:93.6/4

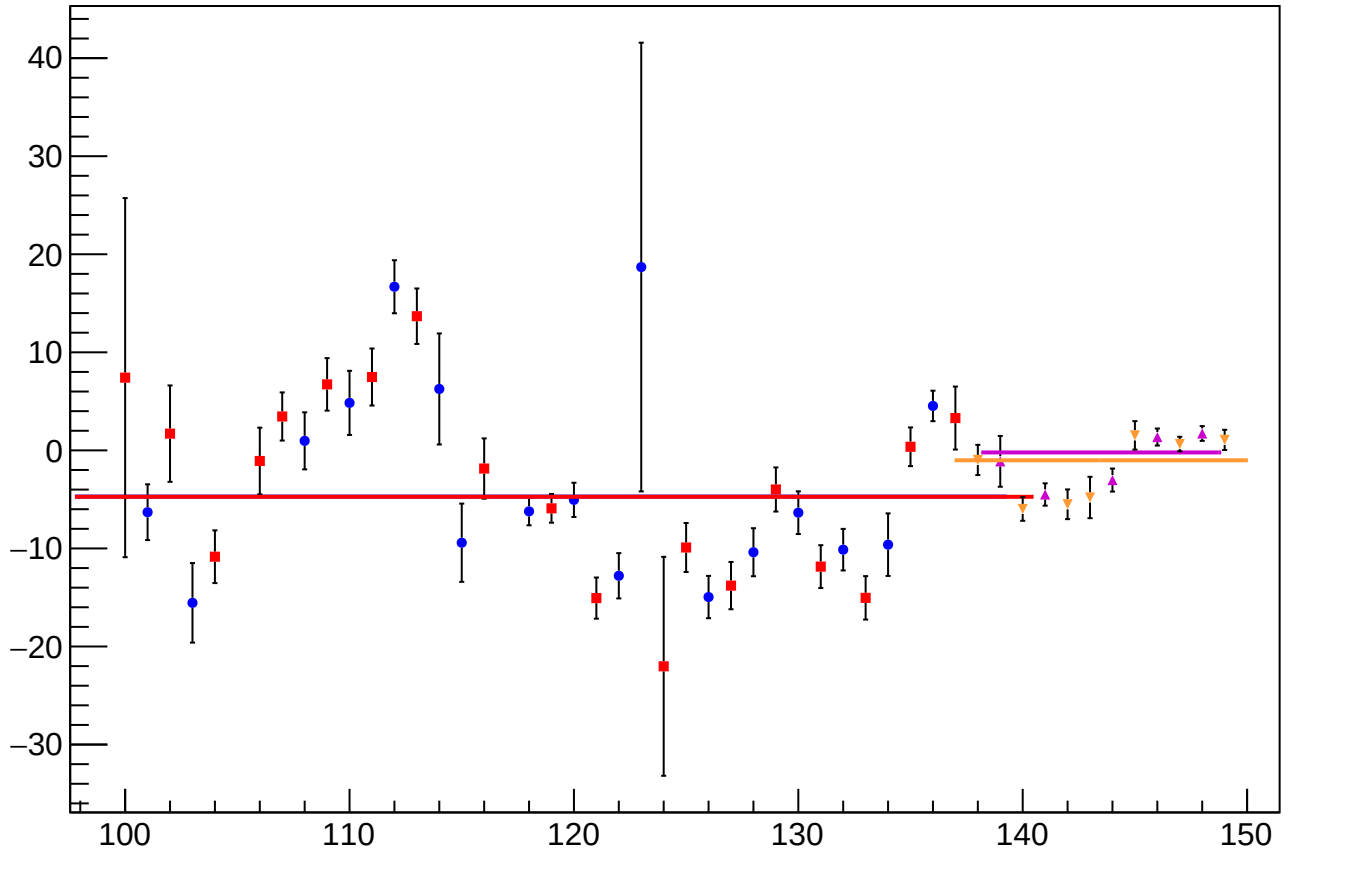
Left: 28.411+/-0.471 χ^2/NDF: 1617.3/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.192+/-0.686 χ^2/NDF:93.6/4

Out: 27.714+/-0.649 χ^2/NDF:1521.2/6

All: 28.411+/-0.471 χ^2/NDF: 1617.3/11



Right In: -4.713+/-0.581 χ^2/NDF: 174.7/16

Left Out: -1.011+/-0.446 χ^2/NDF:41.2/6

Right Out: -4.732+/-0.585 χ^2/NDF: 189.7/18

Left In: -0.210+/-0.459 χ^2/NDF:29.9/4

Left: -0.622+/-0.320 χ^2/NDF: 72.7/11

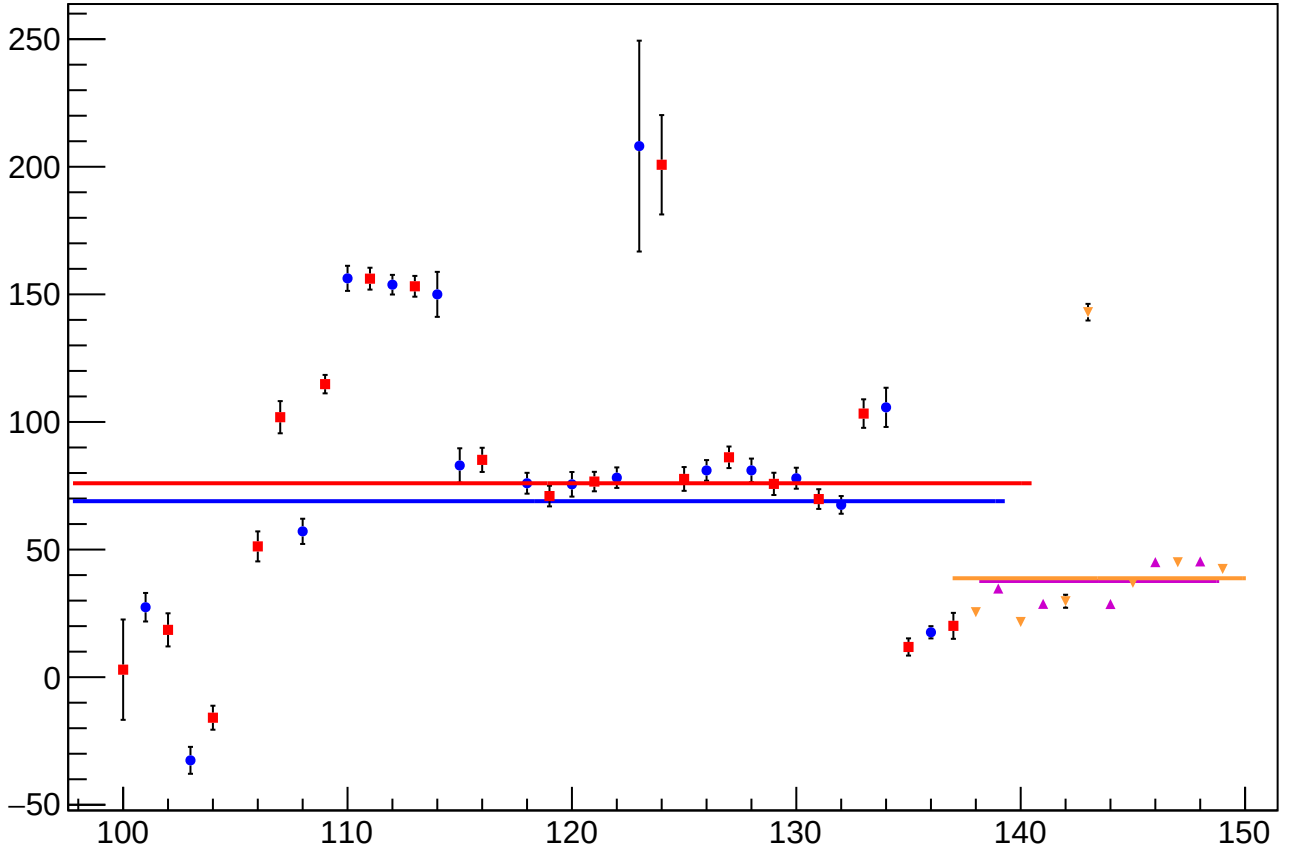
Right: -4.723+/-0.412 χ^2/NDF: 364.4/35

In: -1.943+/-0.360 χ^2/NDF:241.6/21

Out: -2.379+/-0.355 χ^2/NDF:256.6/25

All: -2.165+/-0.253 χ^2/NDF: 498.9/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF: 1844.0/16

Left Out: 38.763+/-0.659 χ^2/NDF:1254.2/6

Right Out: 75.982+/-1.069 χ^2/NDF: 1894.8/18

Left In: 37.692+/-0.697 χ^2/NDF:113.0/4

Left: 38.258+/-0.479 χ^2/NDF: 1368.5/11

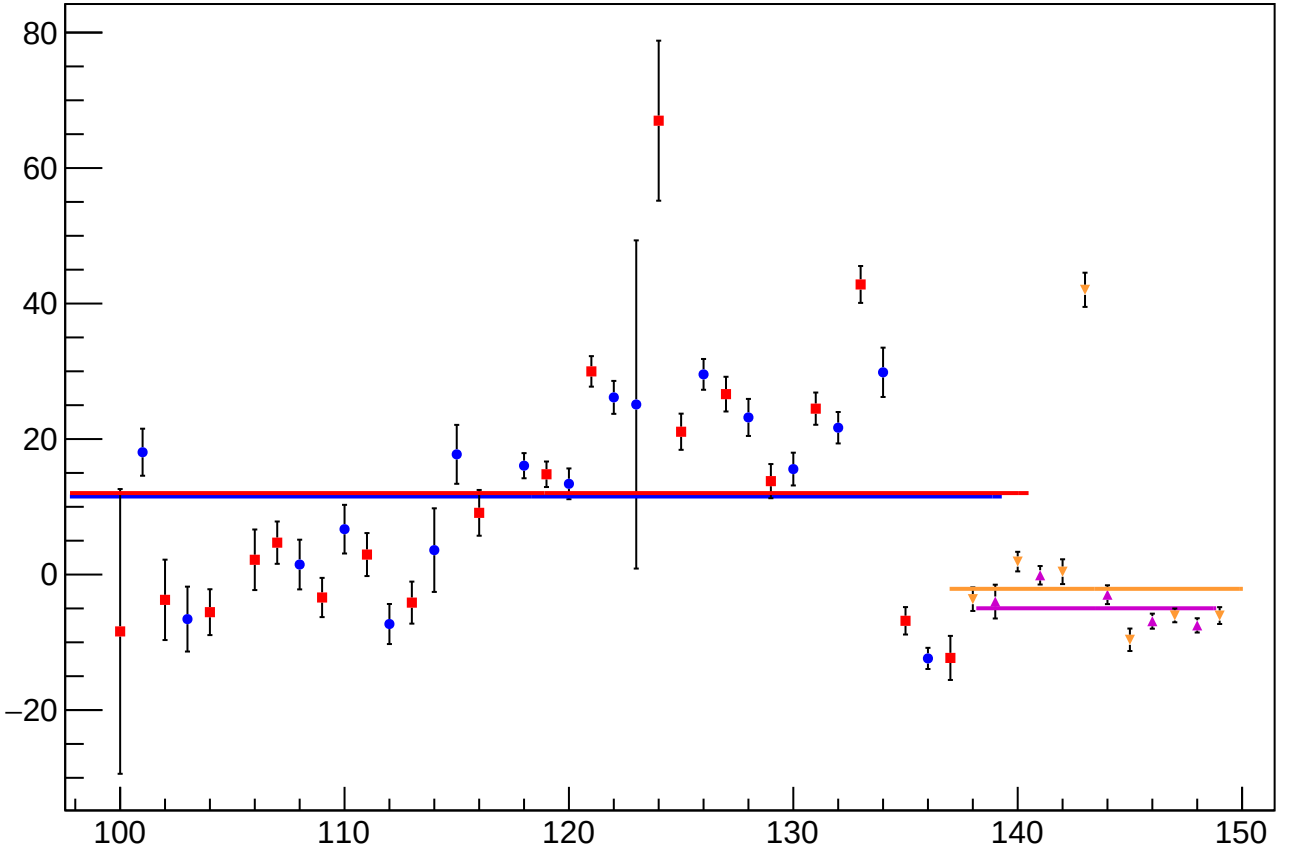
Right: 72.502+/-0.760 χ^2/NDF: 3760.2/35

In: 46.894+/-0.585 χ^2/NDF:2549.7/21

Out: 49.004+/-0.561 χ^2/NDF:4027.0/25

All: 47.994+/-0.405 χ^2/NDF: 6583.5/47

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: -2.106+/-0.555 χ^2/NDF:361.5/6

Right Out: 12.026+/-0.664 χ^2/NDF: 539.7/18

Left In: -4.977+/-0.585 χ^2/NDF:23.6/4

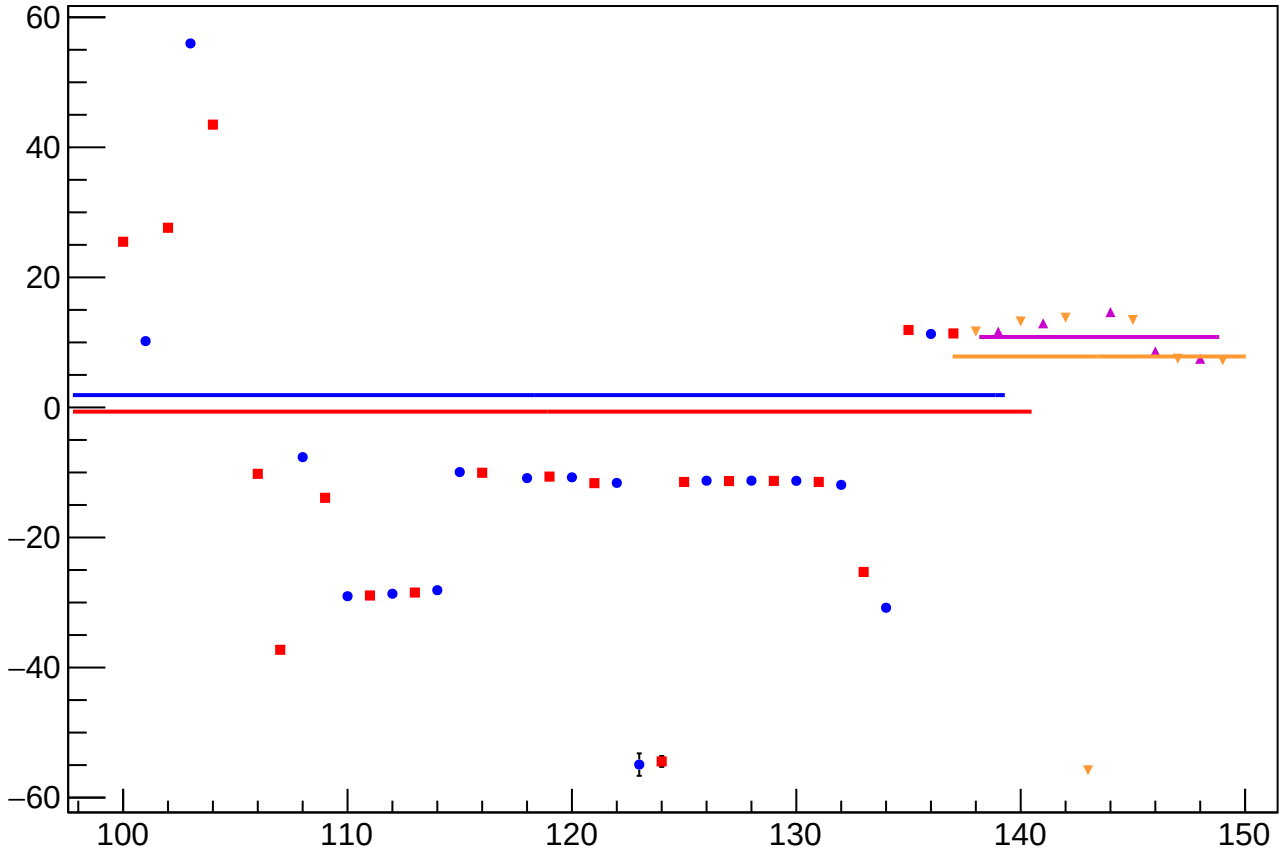
Left: -3.467+/-0.403 χ^2/NDF: 397.8/11

Right: 11.772+/-0.468 χ^2/NDF: 1017.2/35

In: 2.281+/-0.438 χ^2/NDF:851.0/21

Out: 3.705+/-0.426 χ^2/NDF:1167.7/25

All: 3.012+/-0.305 χ^2/NDF: 2024.2/47



Right In: 1.896+/-0.037 χ^2/NDF: 358855.7/16

Left Out: 7.835+/-0.028 χ^2/NDF:256119.1/6

Right Out: -0.644+/-0.037 χ^2/NDF: 361626.2/18

Left In: 10.831+/-0.029 χ^2/NDF:7717.0/4

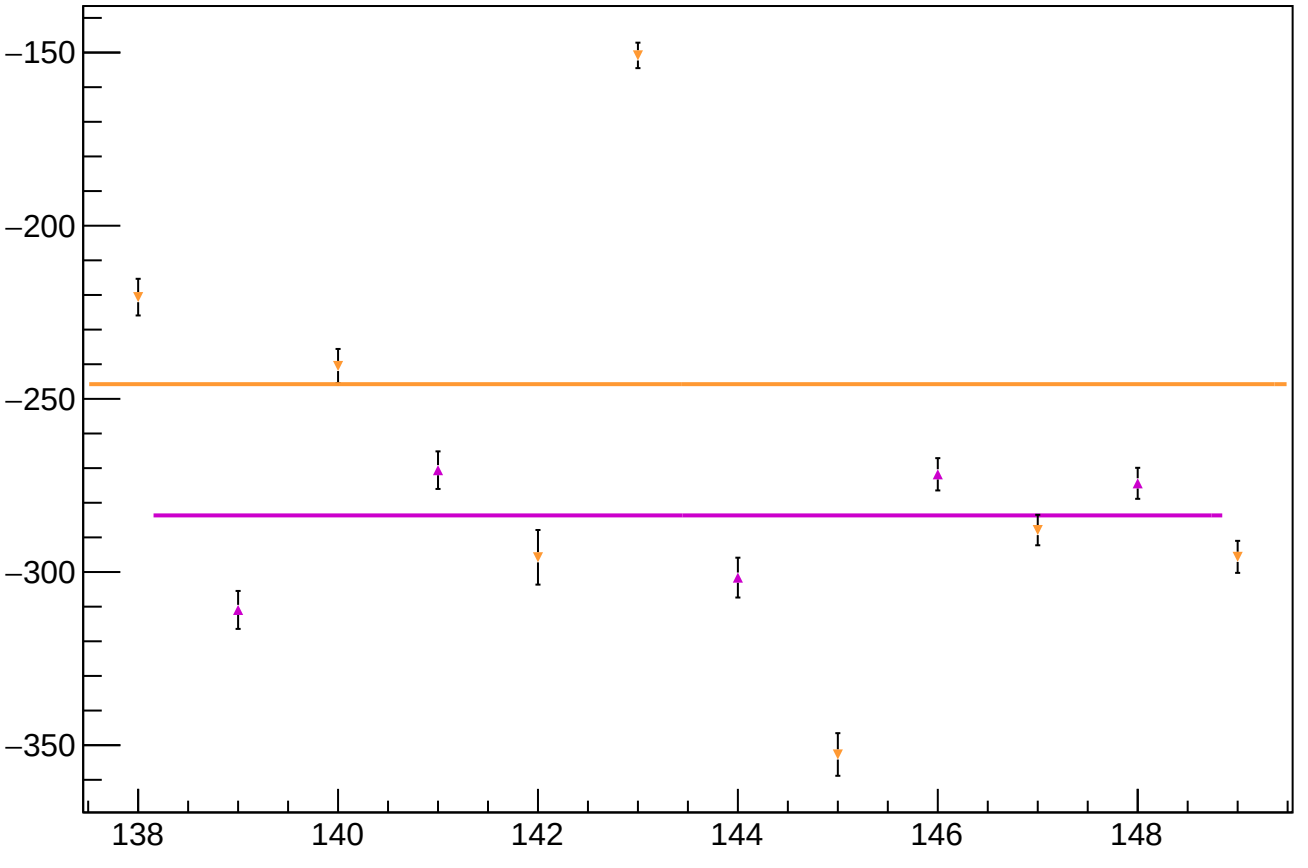
Left: 9.282+/-0.020 χ^2/NDF: 269455.7/11

Right: 0.626+/-0.026 χ^2/NDF: 722831.9/35

In: 7.475+/-0.023 χ^2/NDF:402895.1/21

Out: 4.785+/-0.022 χ^2/NDF:651275.2/25

All: 6.101+/-0.016 χ^2/NDF: 1061339.4/47



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

Left Out: -245.753+/-1.851 χ^2/NDF:1240.6/6

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

Left In: -283.651+/-2.274 χ^2/NDF:51.1/4

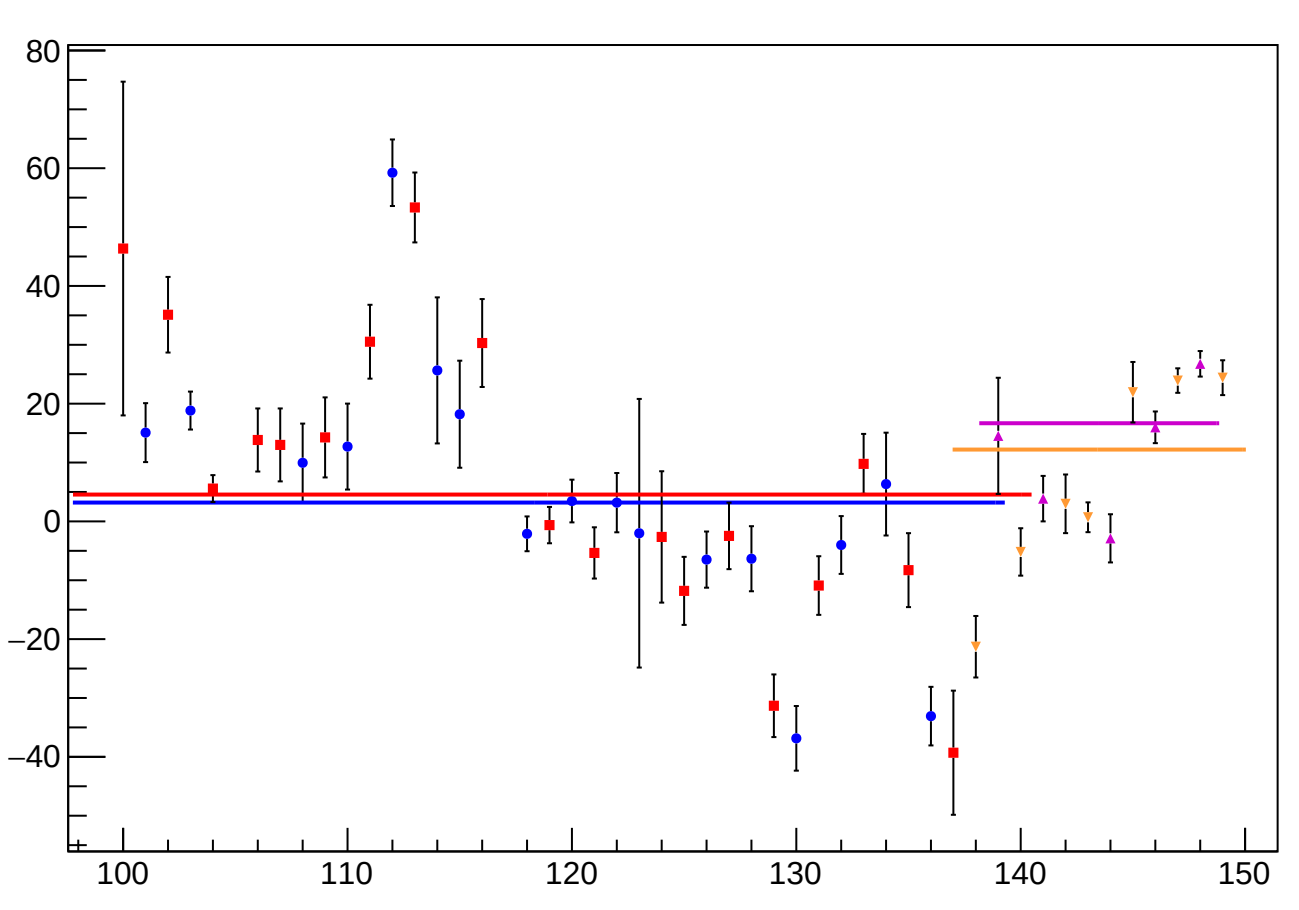
Left: -260.849+/-1.435 χ^2/NDF: 1458.8/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -283.651+/-2.274 χ^2/NDF:51.1/4

Out: -245.753+/-1.851 χ^2/NDF:1240.6/6

All: -260.849+/-1.435 χ^2/NDF: 1458.8/11



Right In: 3.200+/-1.227 χ^2/NDF: 255.2/16

Left Out: 12.203+/-1.215 χ^2/NDF:136.1/6

Right Out: 4.558+/-1.158 χ^2/NDF: 223.9/18

Left In: 16.676+/-1.433 χ^2/NDF:55.6/4

Left: 14.074+/-0.927 χ^2/NDF: 197.3/11

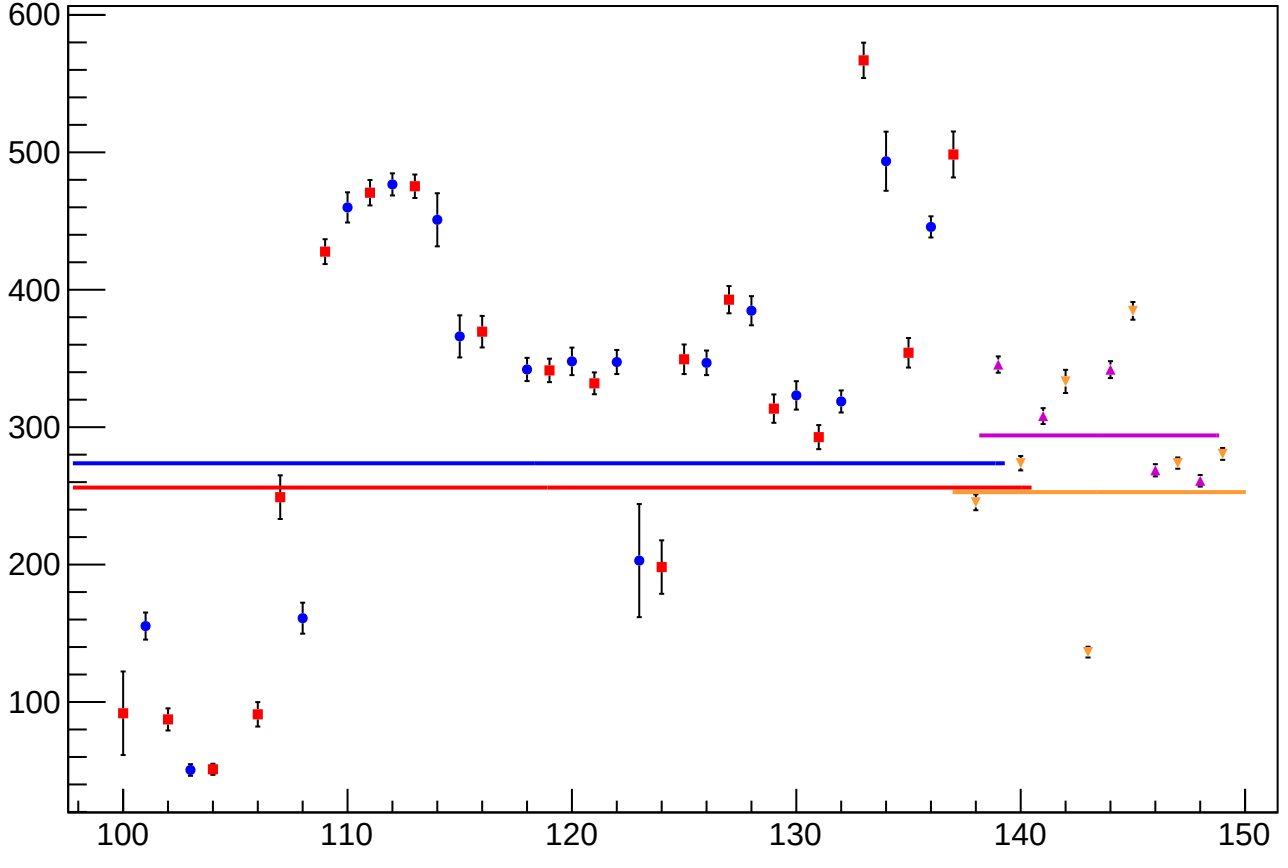
Right: 3.919+/-0.842 χ^2/NDF: 479.7/35

In: 8.904+/-0.932 χ^2/NDF:361.8/21

Out: 8.195+/-0.838 χ^2/NDF:380.8/25

All: 8.512+/-0.623 χ^2/NDF: 742.9/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF: 5103.3/16

Left Out: 252.741+/-1.881 χ^2/NDF:1475.9/6

Right Out: 256.055+/-2.079 χ^2/NDF: 6441.1/18

Left In: 293.981+/-2.282 χ^2/NDF:236.4/4

Left: 269.422+/-1.451 χ^2/NDF: 1906.8/11

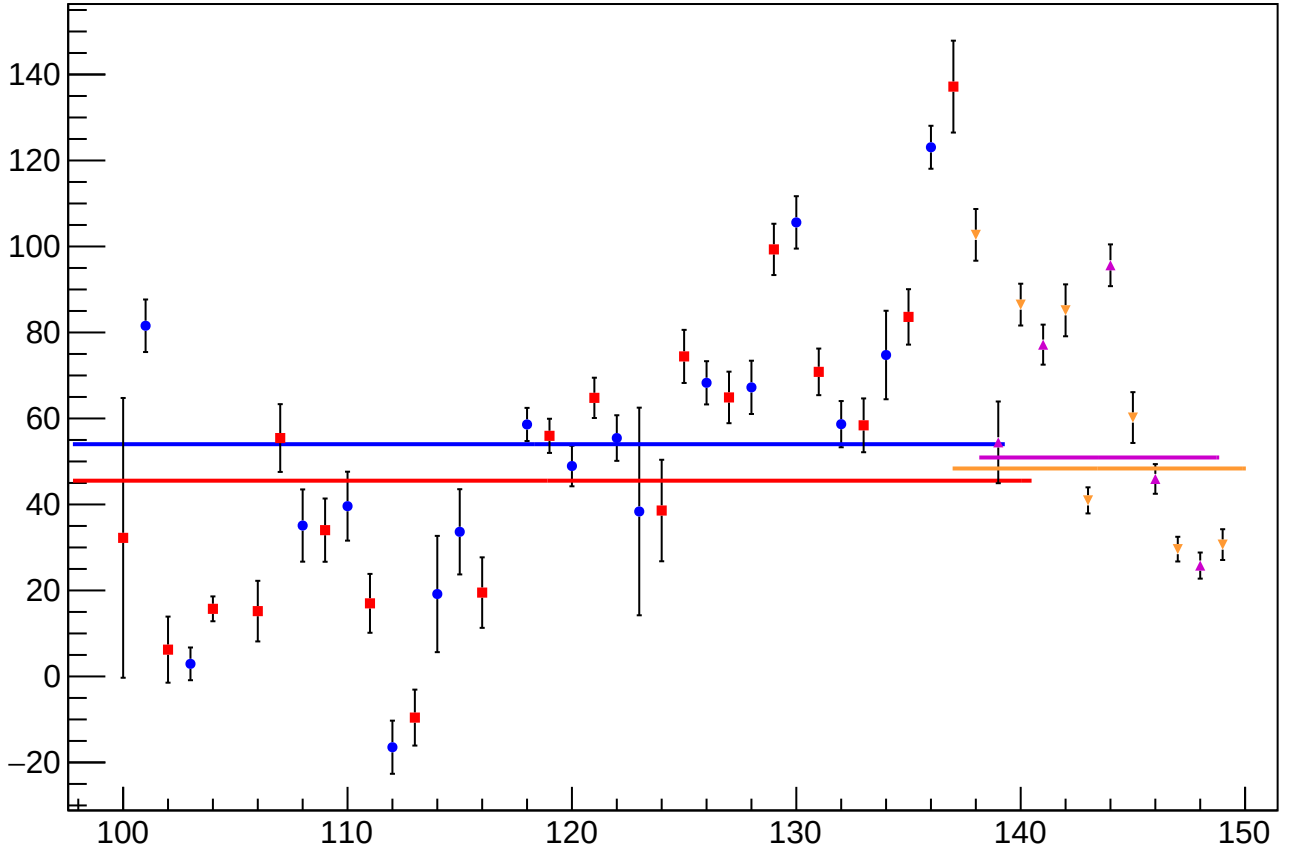
Right: 264.408+/-1.509 χ^2/NDF: 11578.5/35

In: 283.454+/-1.582 χ^2/NDF:5380.7/21

Out: 254.233+/-1.395 χ^2/NDF:7918.3/25

All: 267.013+/-1.046 χ^2/NDF: 13491.1/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016+/-1.423 χ^2/NDF: 632.9/16

Left Out: 48.367+/-1.518 χ^2/NDF:257.3/6

Right Out: 45.529+/-1.357 χ^2/NDF: 526.8/18

Left In: 50.922+/-1.851 χ^2/NDF:187.2/4

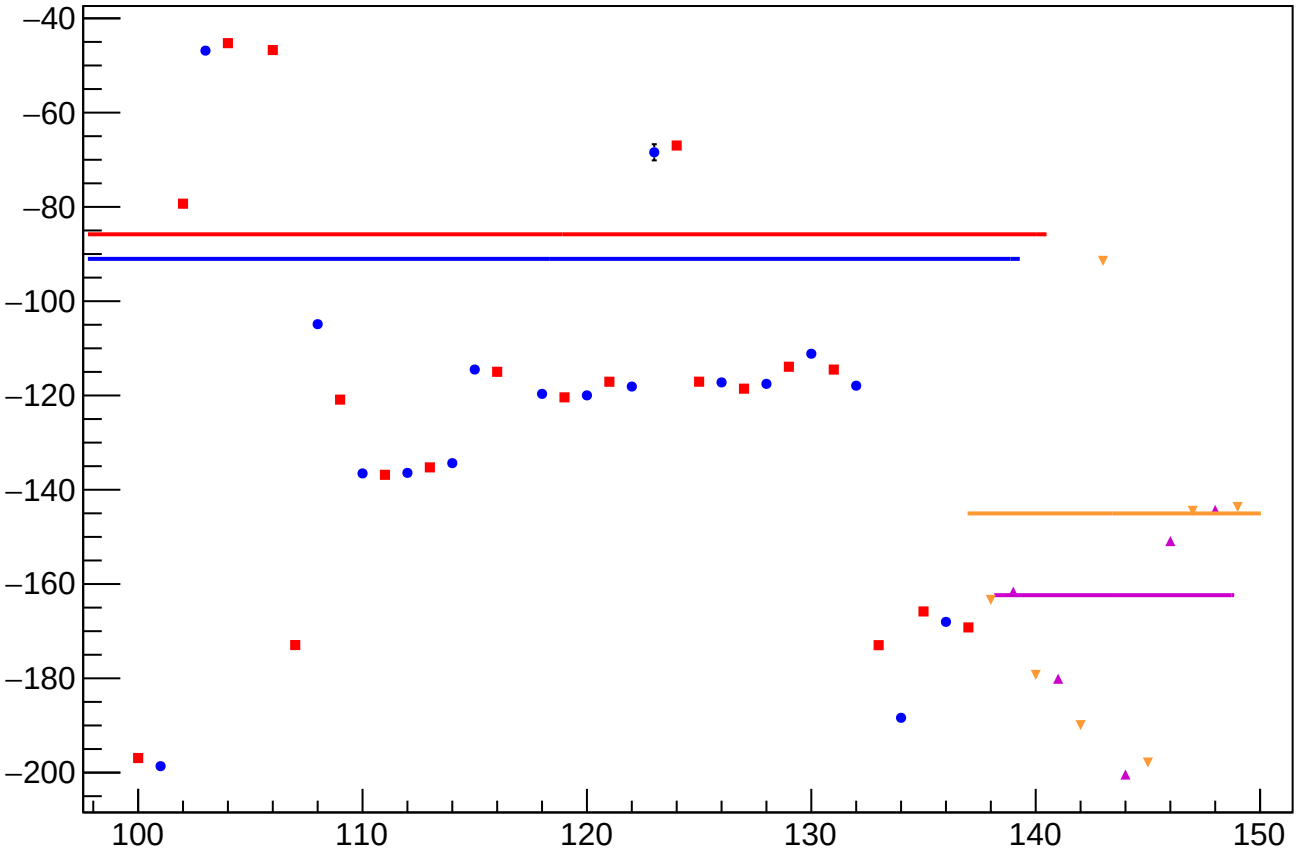
Left: 49.395+/-1.174 χ^2/NDF: 445.7/11

Right: 49.571+/-0.982 χ^2/NDF: 1178.3/35

In: 52.866+/-1.128 χ^2/NDF:821.8/21

Out: 46.790+/-1.012 χ^2/NDF:786.0/25

All: 49.498+/-0.753 χ^2/NDF: 1624.0/47



Right In: -91.021+/-0.068 χ^2/NDF: 534258.1/16

Left Out: -145.023+/-0.080 χ^2/NDF:204488.0/6

Right Out: -85.811+/-0.065 χ^2/NDF: 495868.7/18

Left In: -162.363+/-0.096 χ^2/NDF:38910.4/4

Left: -152.137+/-0.061 χ^2/NDF: 262828.7/11

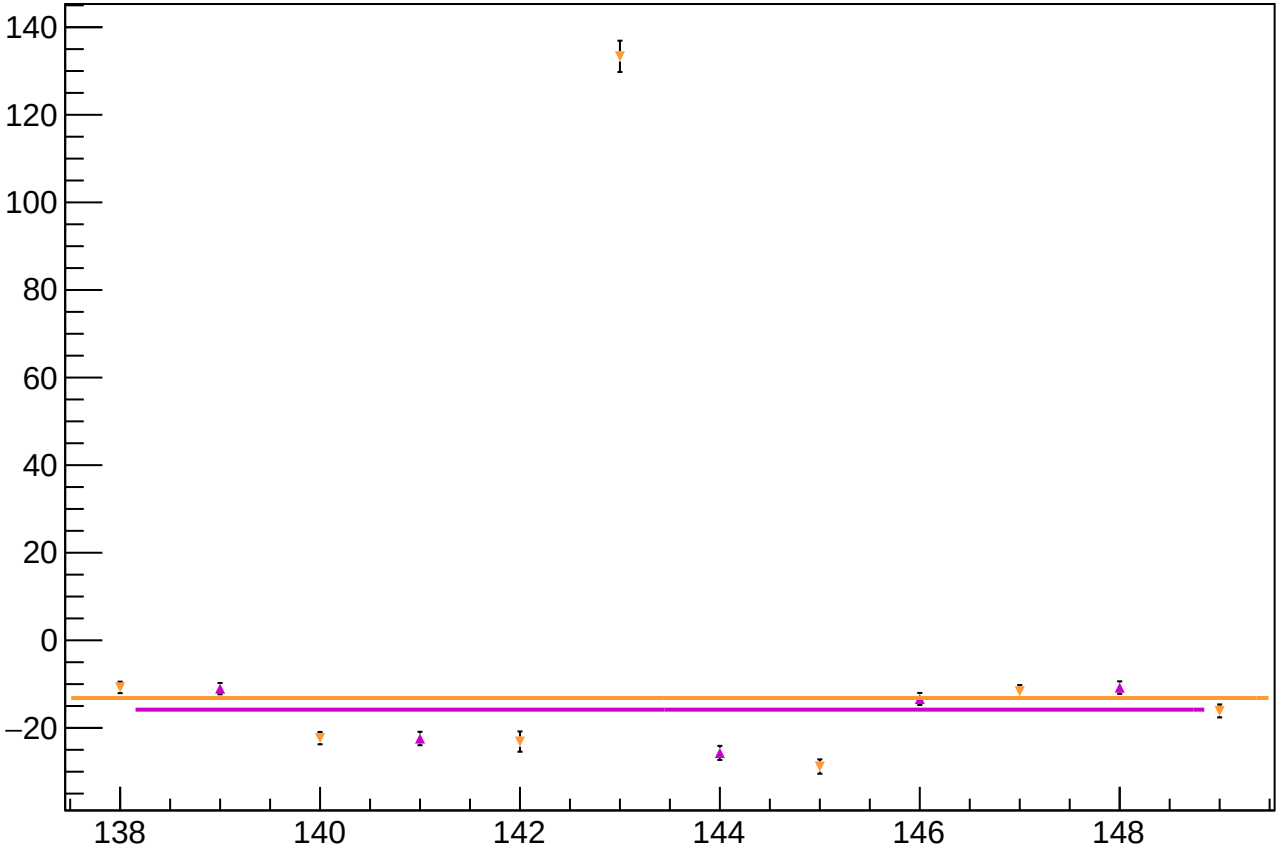
Right: -88.315+/-0.047 χ^2/NDF: 1033213.2/35

In: -114.818+/-0.055 χ^2/NDF:944880.0/21

Out: -109.479+/-0.050 χ^2/NDF:1031859.5/25

All: -111.907+/-0.037 χ^2/NDF: 1981846.2/47

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: -13.165+/-0.614 χ^2/NDF:1833.1/6

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

Left In: -15.828+/-0.642 χ^2/NDF:85.4/4

Left: -14.437+/-0.444 χ^2/NDF: 1927.5/11

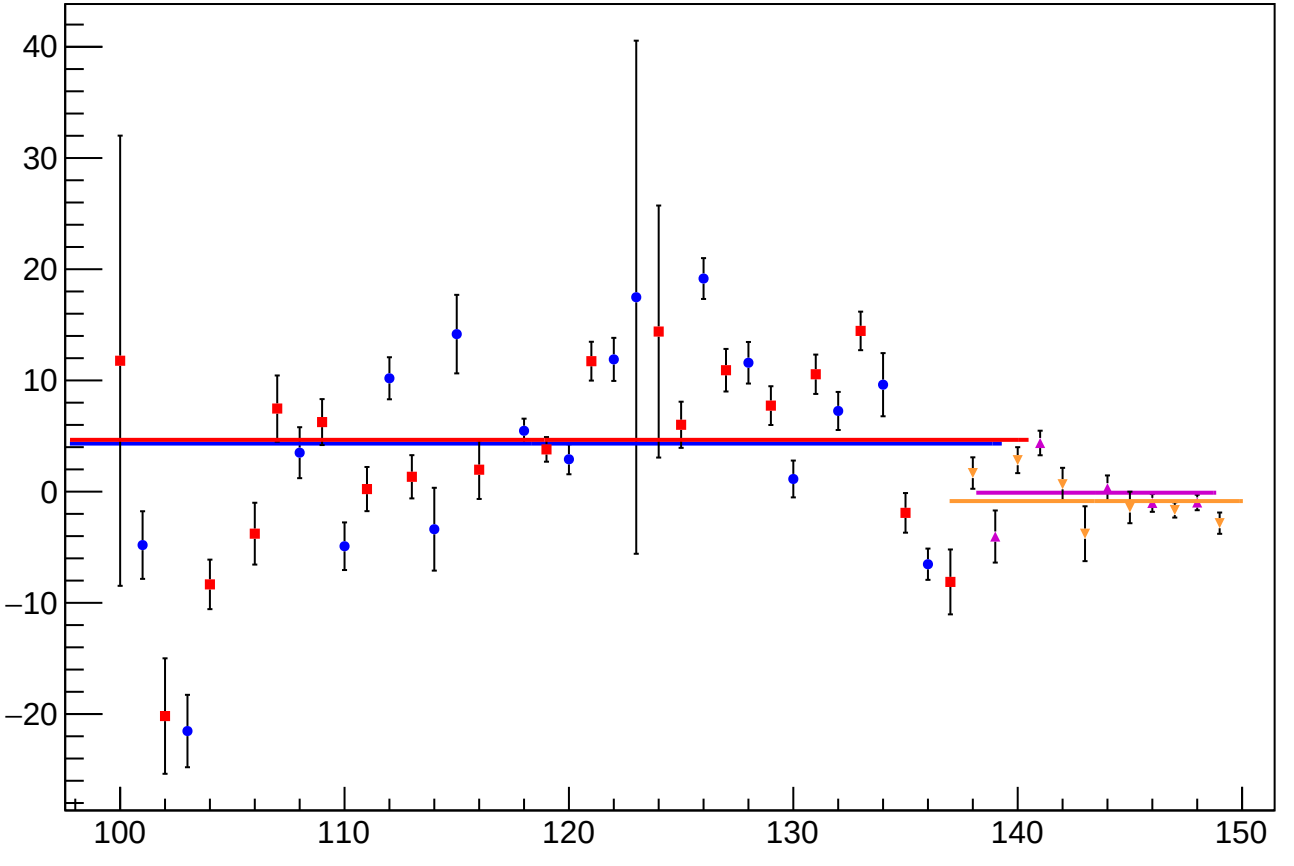
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.828+/-0.642 χ^2/NDF:85.4/4

Out: -13.165+/-0.614 χ^2/NDF:1833.1/6

All: -14.437+/-0.444 χ^2/NDF: 1927.5/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322+/-0.465 χ^2/NDF: 280.3/16

Left Out: -0.850+/-0.423 χ^2/NDF:21.4/6

Right Out: 4.657+/-0.474 χ^2/NDF: 184.5/18

Left In: -0.097+/-0.431 χ^2/NDF:22.3/4

Left: -0.480+/-0.302 χ^2/NDF: 45.2/11

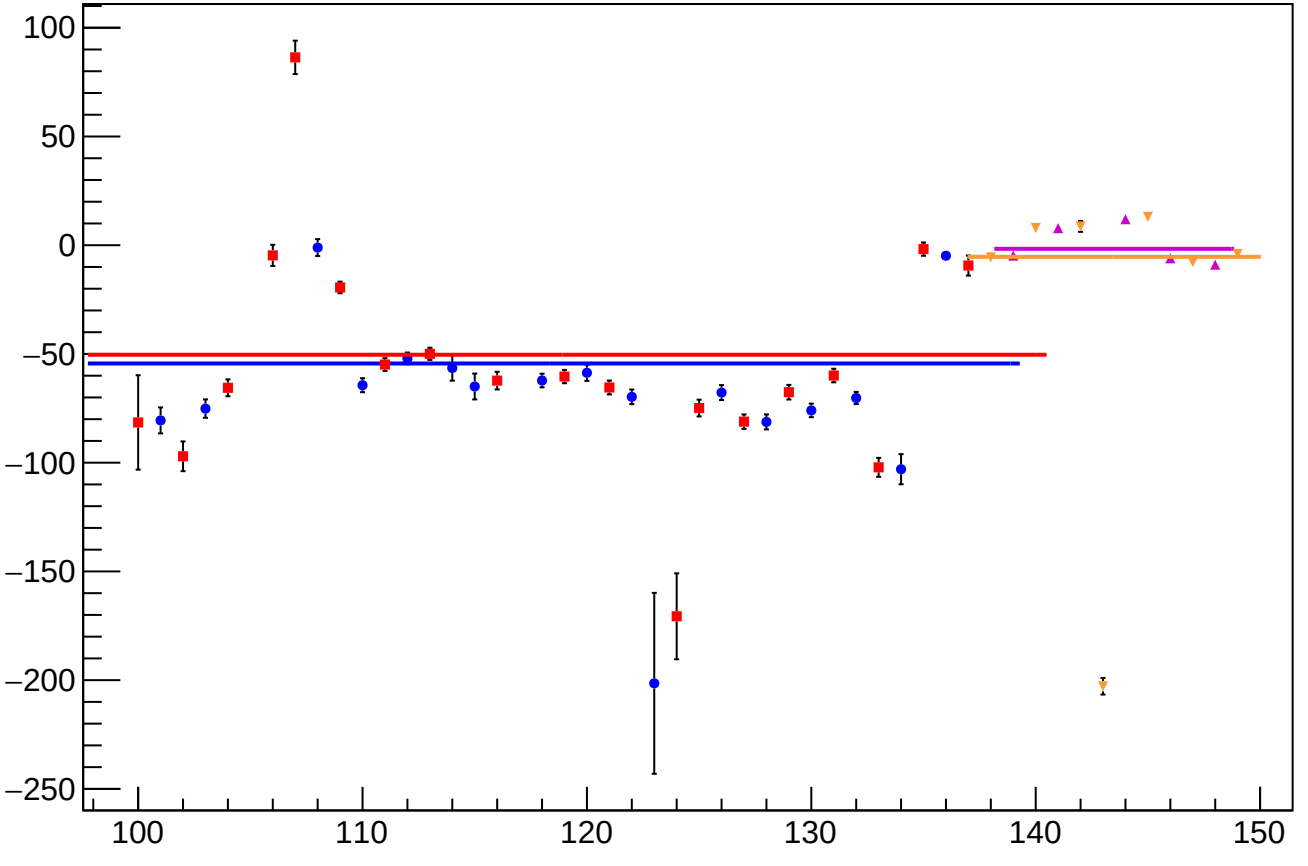
Right: 4.486+/-0.332 χ^2/NDF: 465.1/35

In: 1.943+/-0.316 χ^2/NDF:351.1/21

Out: 1.590+/-0.315 χ^2/NDF:281.2/25

All: 1.766+/-0.223 χ^2/NDF: 632.9/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF: 1014.0/16

Left Out: -5.337+/-0.623 χ^2/NDF:2901.2/6

Right Out: -50.364+/-0.858 χ^2/NDF: 1321.3/18

Left In: -1.660+/-0.651 χ^2/NDF:141.8/4

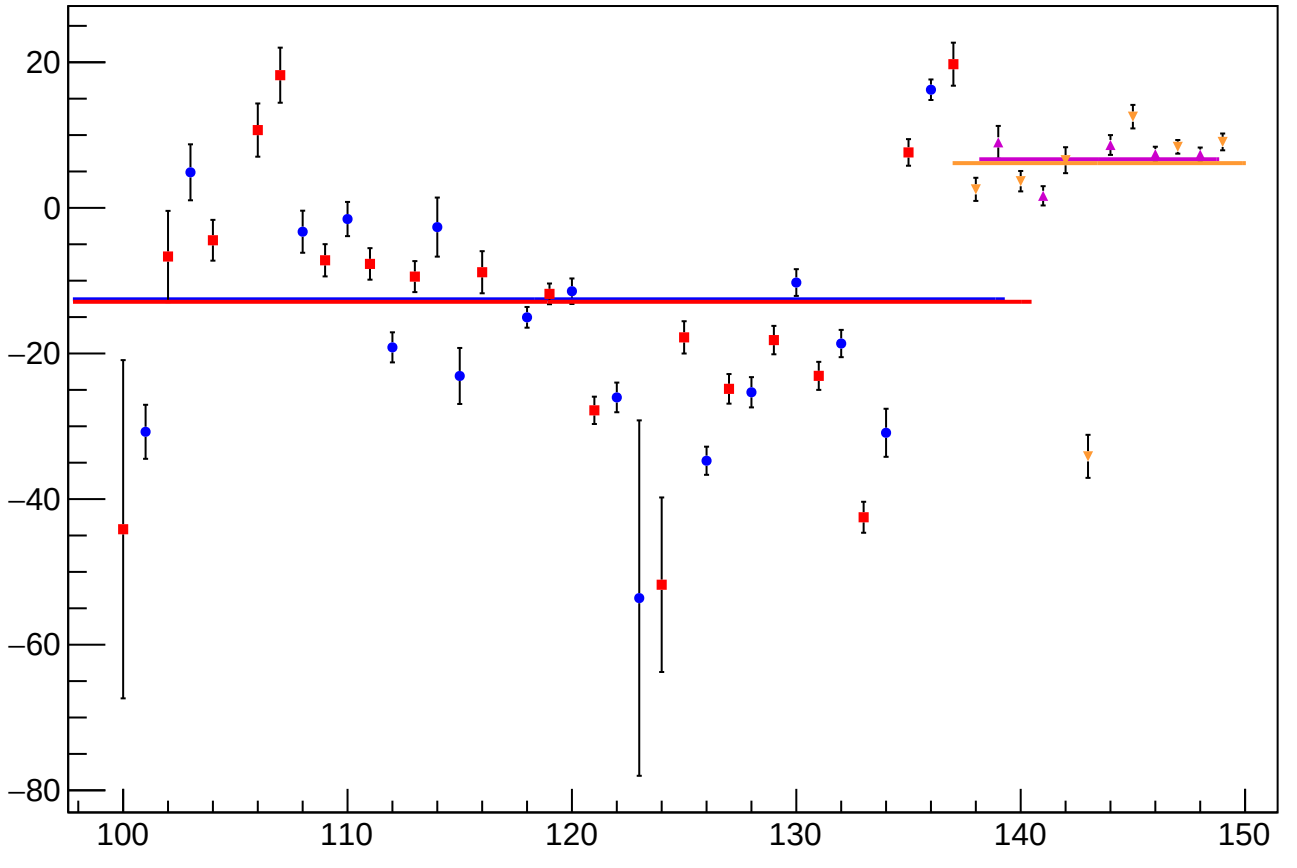
Left: -3.581+/-0.450 χ^2/NDF: 3059.7/11

Right: -52.360+/-0.609 χ^2/NDF: 2346.2/35

In: -20.754+/-0.520 χ^2/NDF:3528.7/21

Out: -20.879+/-0.504 χ^2/NDF:6027.6/25

All: -20.819+/-0.362 χ^2/NDF: 9556.3/47



Right In: -12.561+/-0.531 χ^2/NDF: 779.5/16

Left Out: 6.146+/-0.527 χ^2/NDF:221.6/6

Right Out: -12.898+/-0.538 χ^2/NDF: 728.4/18

Left In: 6.674+/-0.549 χ^2/NDF:18.4/4

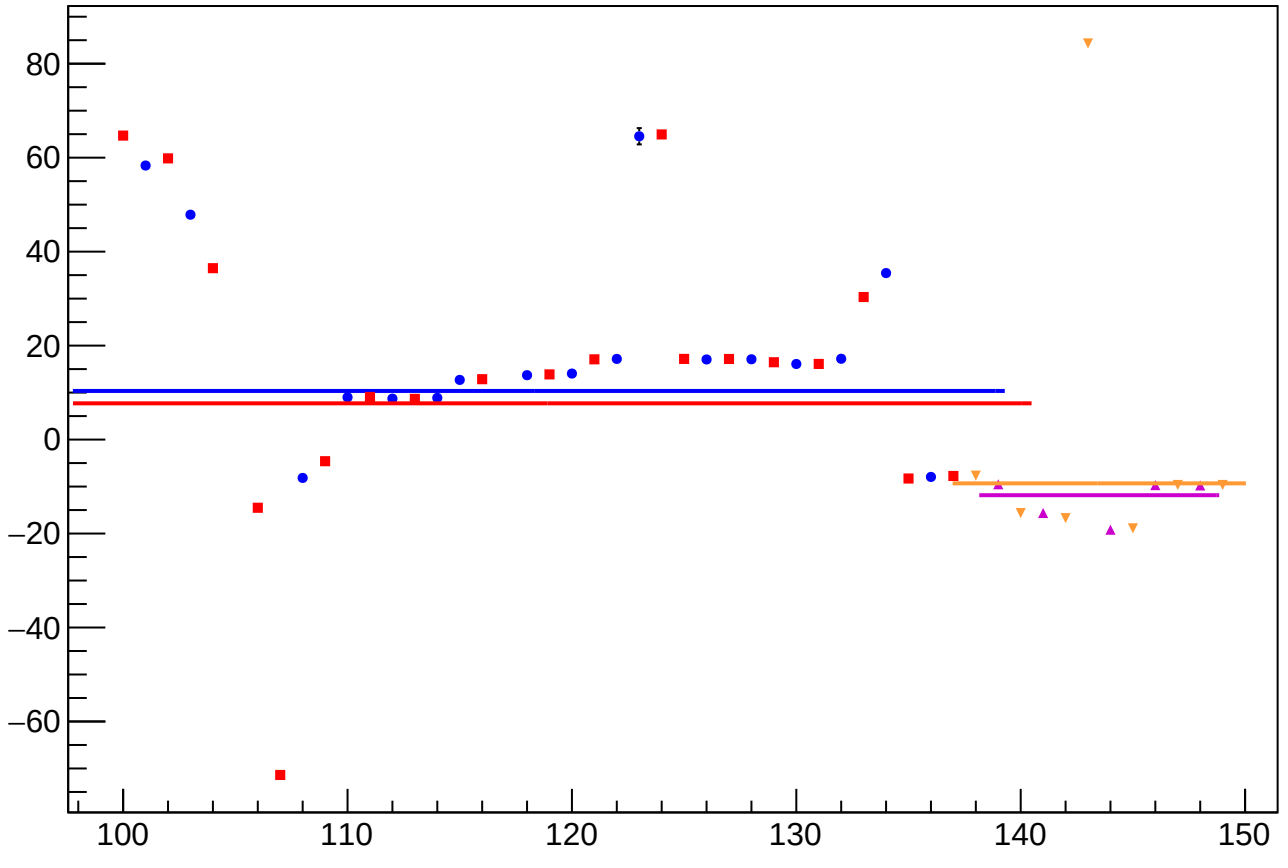
Left: 6.399+/-0.380 χ^2/NDF: 240.5/11

Right: -12.727+/-0.378 χ^2/NDF: 1508.1/35

In: -3.260+/-0.382 χ^2/NDF:1431.3/21

Out: -3.172+/-0.376 χ^2/NDF:1589.6/25

All: -3.216+/-0.268 χ^2/NDF: 3021.0/47



Right In: 10.350+/-0.031 χ^2/NDF: 380878.9/16

Left Out: -9.318+/-0.026 χ^2/NDF:407039.2/6

Right Out: 7.715+/-0.031 χ^2/NDF: 545032.1/18

Left In: -11.839+/-0.027 χ^2/NDF:17628.8/4

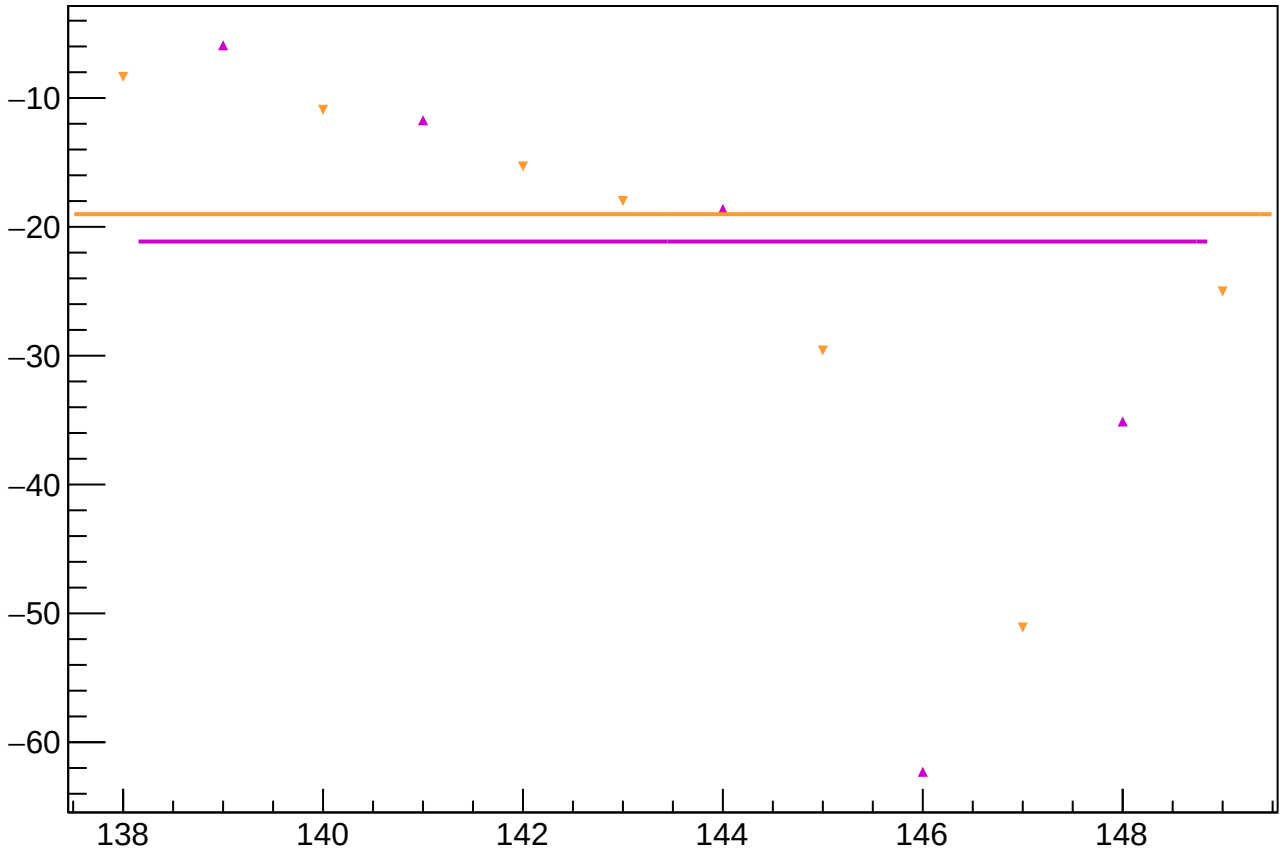
Left: -10.553+/-0.019 χ^2/NDF: 429188.2/11

Right: 9.061+/-0.022 χ^2/NDF: 929542.3/35

In: -2.205+/-0.020 χ^2/NDF:696421.0/21

Out: -2.275+/-0.020 χ^2/NDF:1126174.7/25

All: -2.240+/-0.014 χ^2/NDF: 1822601.7/47



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

Left Out: -19.017+/-0.102 χ^2/NDF:14300.5/6

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

Left In: -21.140+/-0.112 χ^2/NDF:27270.1/4

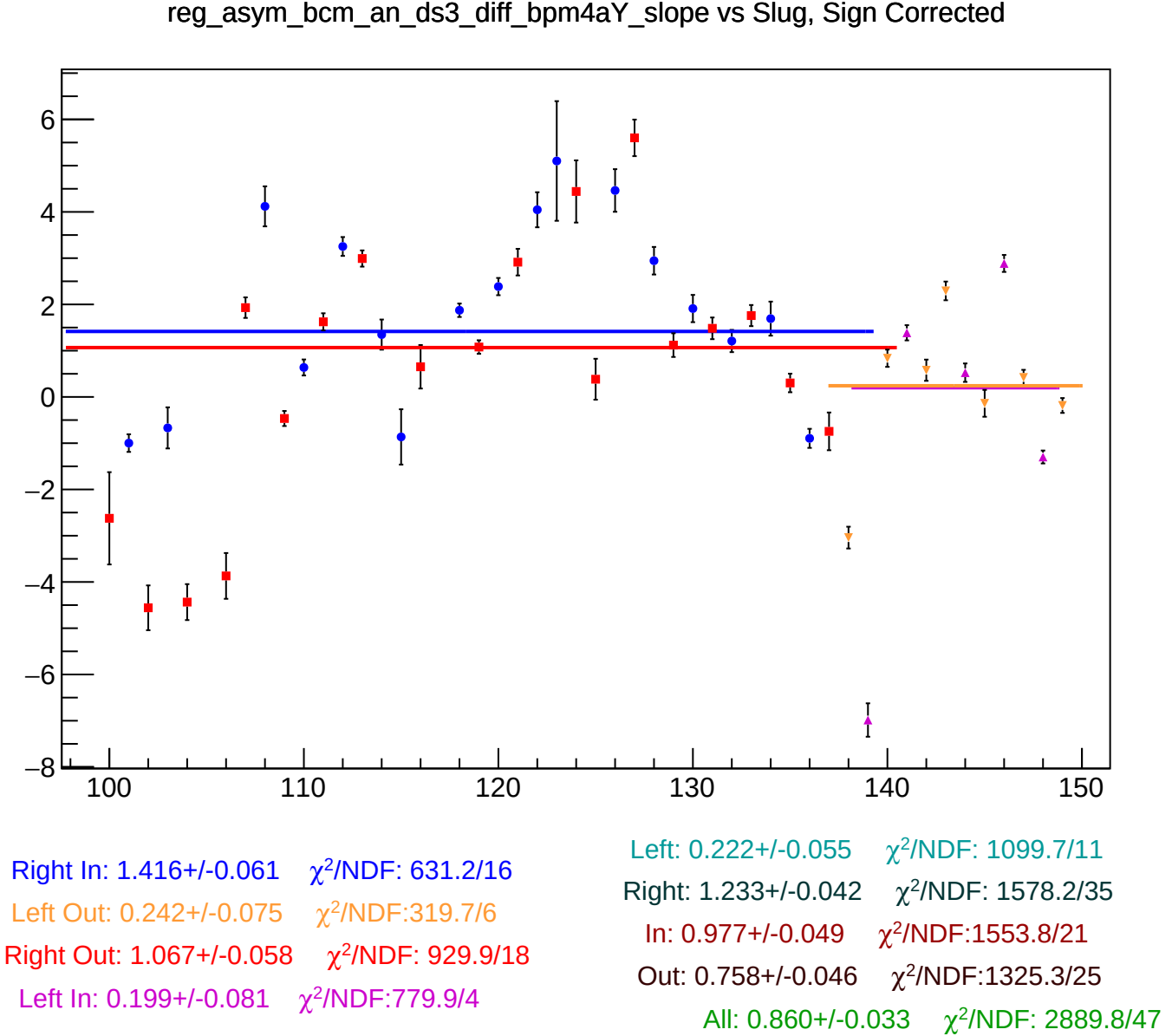
Left: -19.981+/-0.075 χ^2/NDF: 41766.9/11

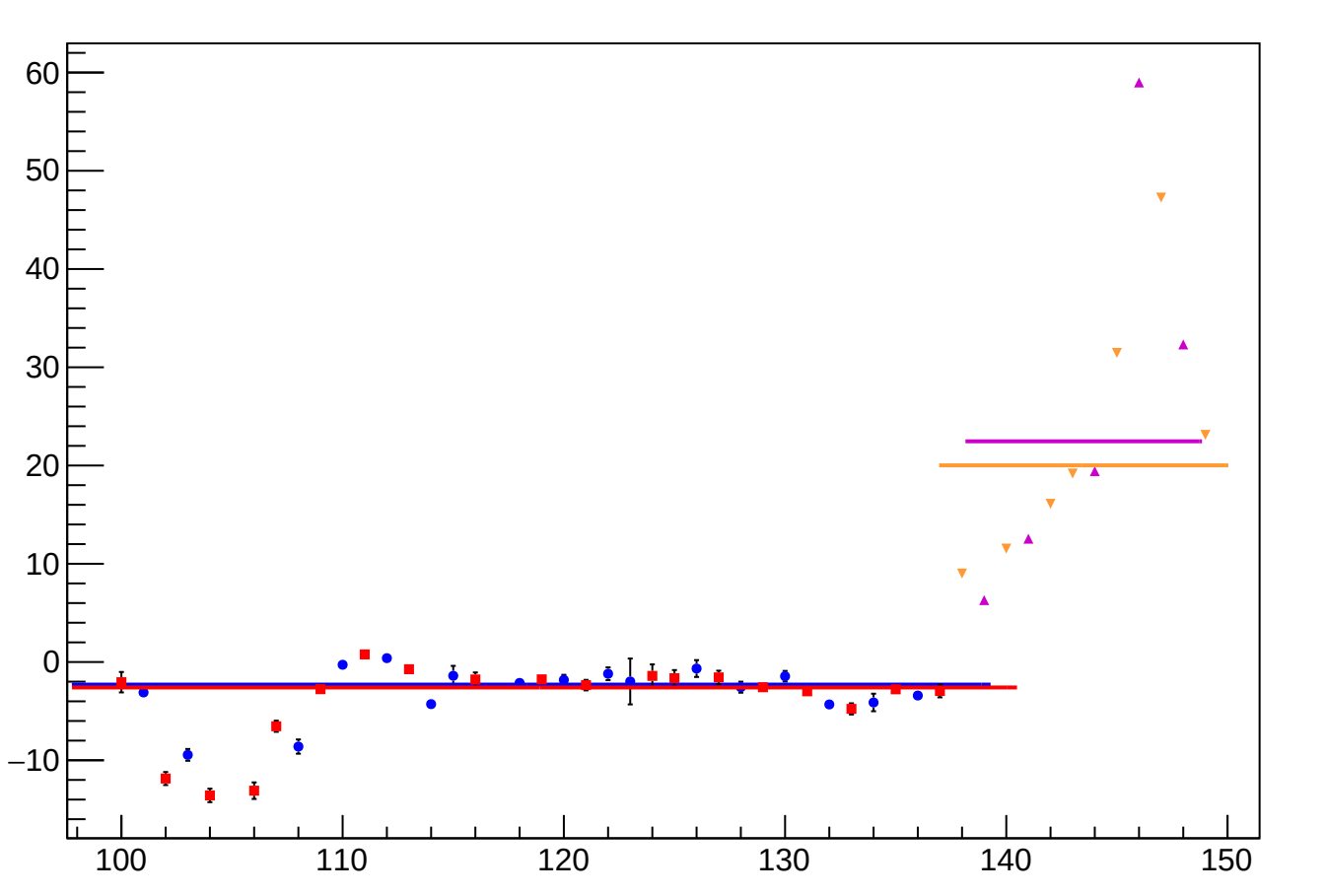
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.140+/-0.112 χ^2/NDF:27270.1/4

Out: -19.017+/-0.102 χ^2/NDF:14300.5/6

All: -19.981+/-0.075 χ^2/NDF: 41766.9/11


reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected
6
4
2
0
−2
−4
−6
−8
100
110
120
130
140
150
Right In: 1.416+/-0.061 χ²/NDF: 631.2/16
Left Out: 0.242+/-0.075 χ²/NDF:319.7/6
Right Out: 1.067+/-0.058 χ²/NDF: 929.9/18
Left In: 0.199+/-0.081 χ²/NDF:779.9/4
Left: 0.222+/-0.055 χ²/NDF: 1099.7/11
Right: 1.233+/-0.042 χ²/NDF: 1578.2/35
In: 0.977+/-0.049 χ²/NDF:1553.8/21
Out: 0.758+/-0.046 χ²/NDF:1325.3/25
All: 0.860+/-0.033 χ²/NDF: 2889.8/47



Right In: -2.299+/-0.111 χ^2/NDF: 440.0/16

Left Out: 20.017+/-0.105 χ^2/NDF:12139.8/6

Right Out: -2.589+/-0.099 χ^2/NDF: 889.9/18

Left In: 22.465+/-0.115 χ^2/NDF:23603.4/4

Left: 21.129+/-0.078 χ^2/NDF: 35988.7/11

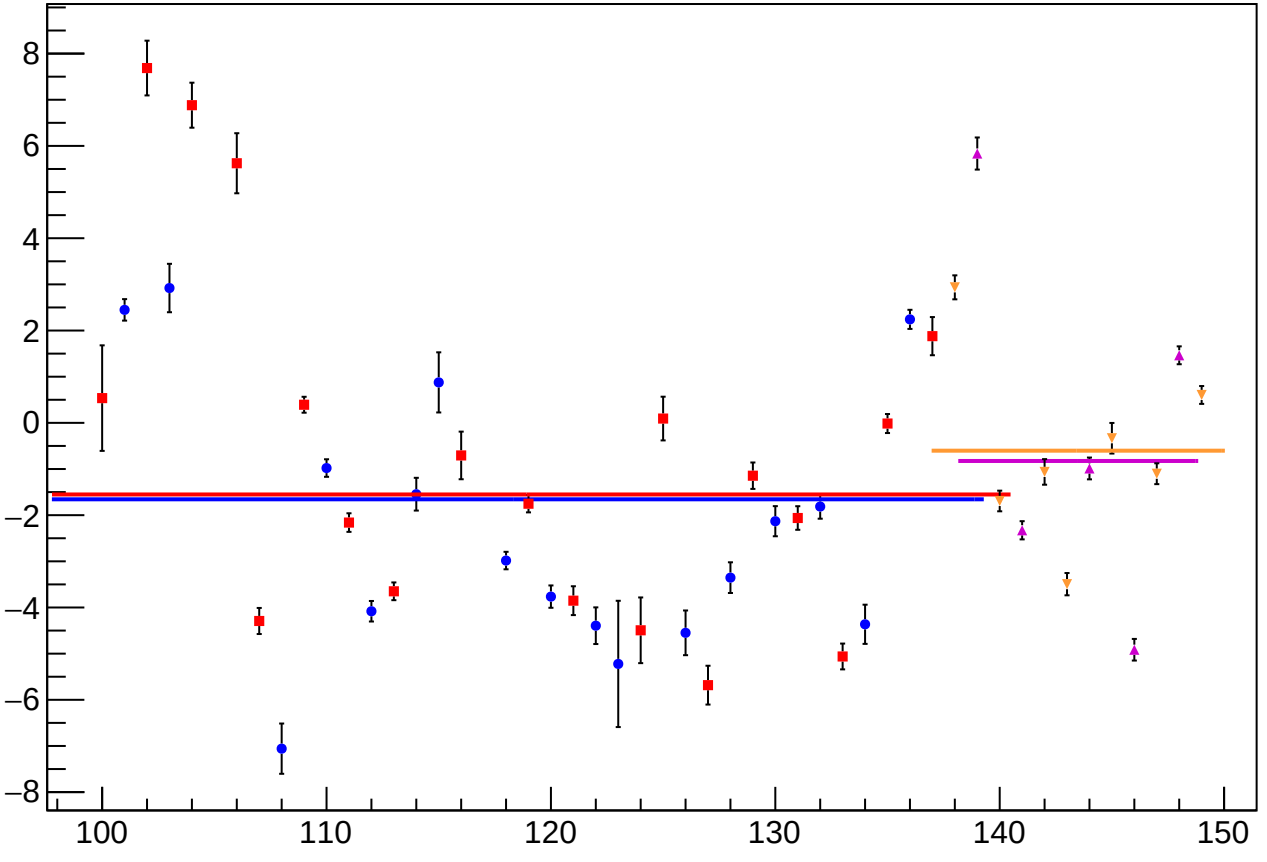
Right: -2.461+/-0.074 χ^2/NDF: 1333.7/35

In: 9.579+/-0.080 χ^2/NDF:47987.8/21

Out: 7.998+/-0.072 χ^2/NDF:37536.3/25

All: 8.706+/-0.054 χ^2/NDF: 85740.0/47

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: -0.603+/-0.091 χ^2/NDF:400.0/6

Right Out: -1.551+/-0.066 χ^2/NDF: 1488.1/18

Left In: -0.826+/-0.102 χ^2/NDF:869.2/4

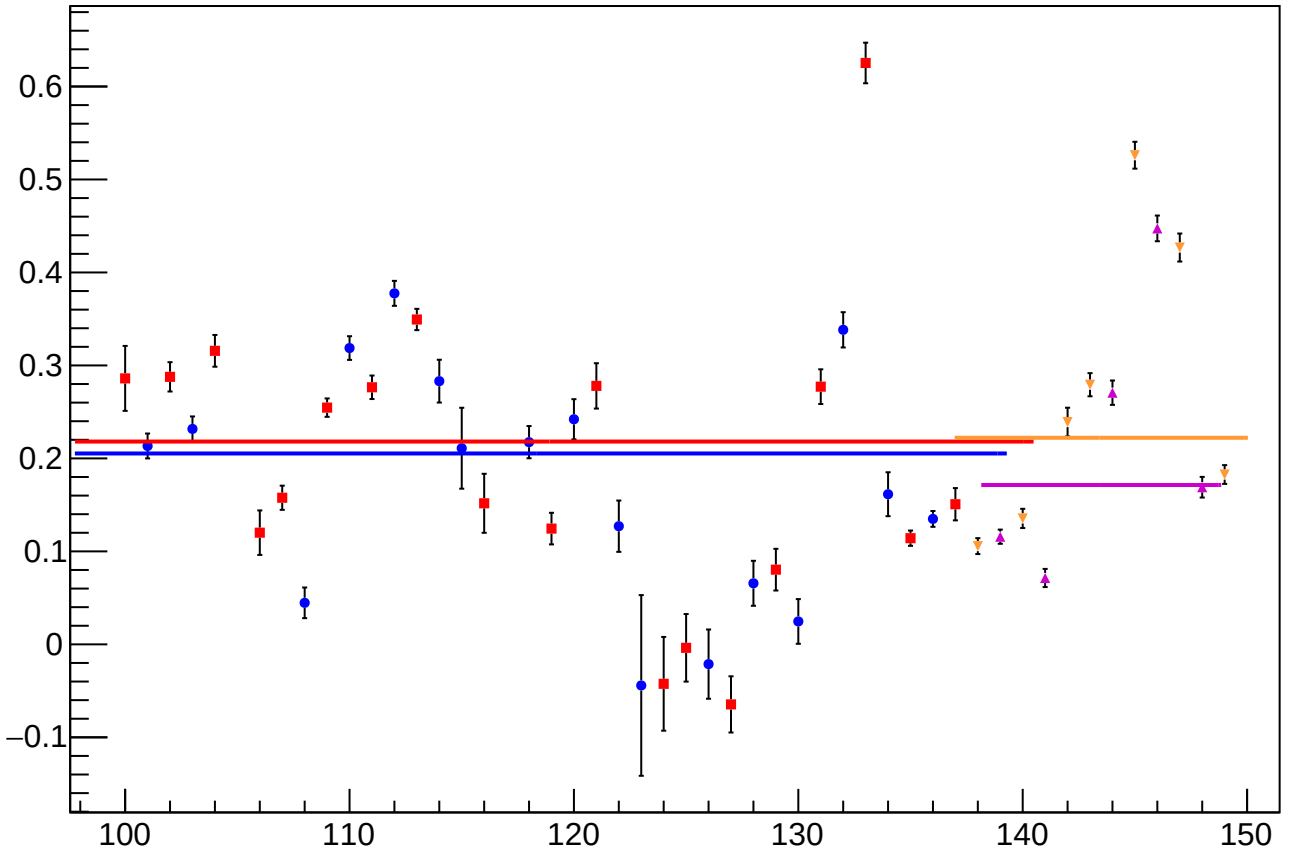
Left: -0.702+/-0.068 χ^2/NDF: 1271.9/11

Right: -1.600+/-0.048 χ^2/NDF: 2760.4/35

In: -1.387+/-0.058 χ^2/NDF:2185.4/21

Out: -1.228+/-0.053 χ^2/NDF:1959.4/25

All: -1.301+/-0.039 χ^2/NDF: 4149.0/47



Right In: 0.205+/-0.004 χ^2/NDF: 620.5/16

Left Out: 0.222+/-0.004 χ^2/NDF:920.8/6

Right Out: 0.218+/-0.004 χ^2/NDF: 1023.2/18

Left In: 0.171+/-0.005 χ^2/NDF:613.7/4

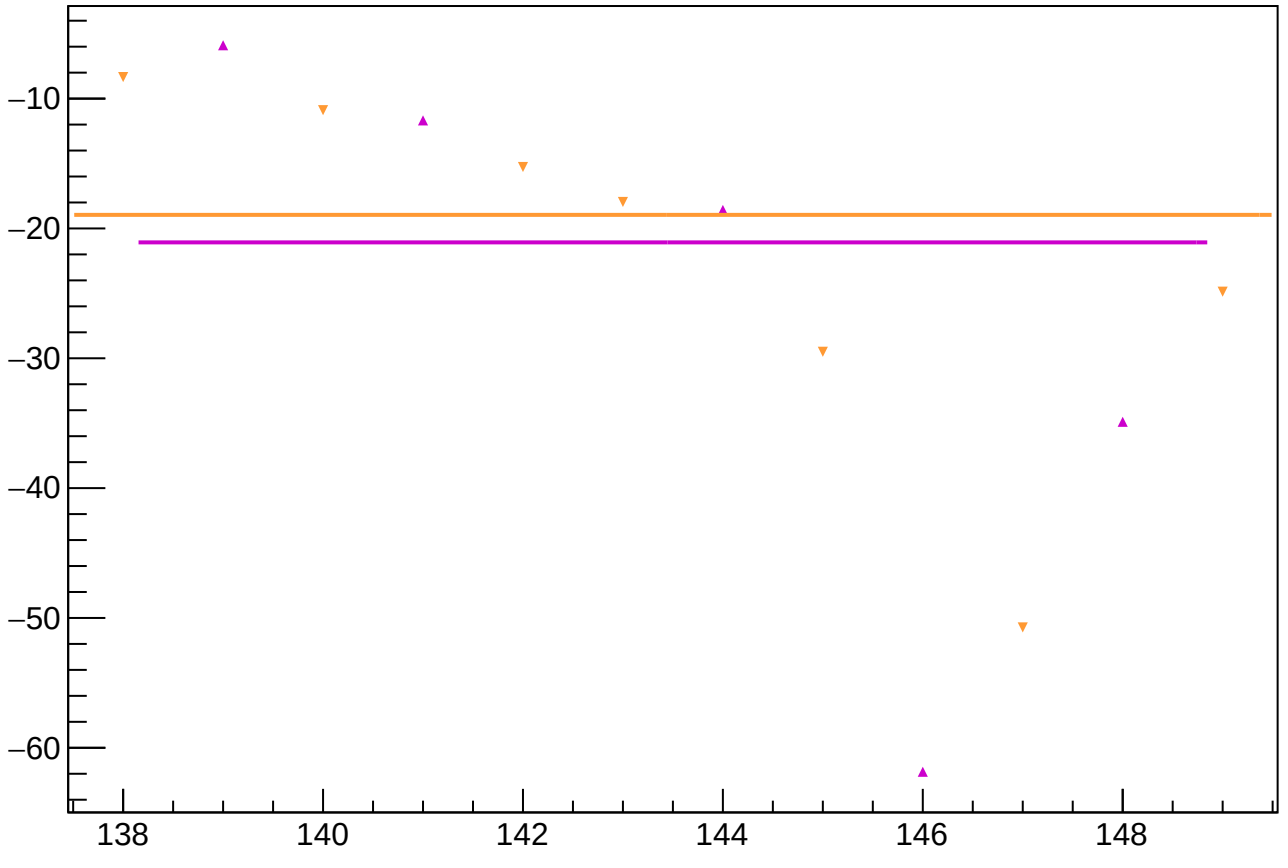
Left: 0.198+/-0.003 χ^2/NDF: 1598.5/11

Right: 0.212+/-0.003 χ^2/NDF: 1649.1/35

In: 0.190+/-0.003 χ^2/NDF:1264.1/21

Out: 0.220+/-0.003 χ^2/NDF:1944.5/25

All: 0.206+/-0.002 χ^2/NDF: 3259.0/47



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

Left Out: -18.954+/-0.102 χ^2/NDF:14267.1/6

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

Left In: -21.073+/-0.111 χ^2/NDF:27209.1/4

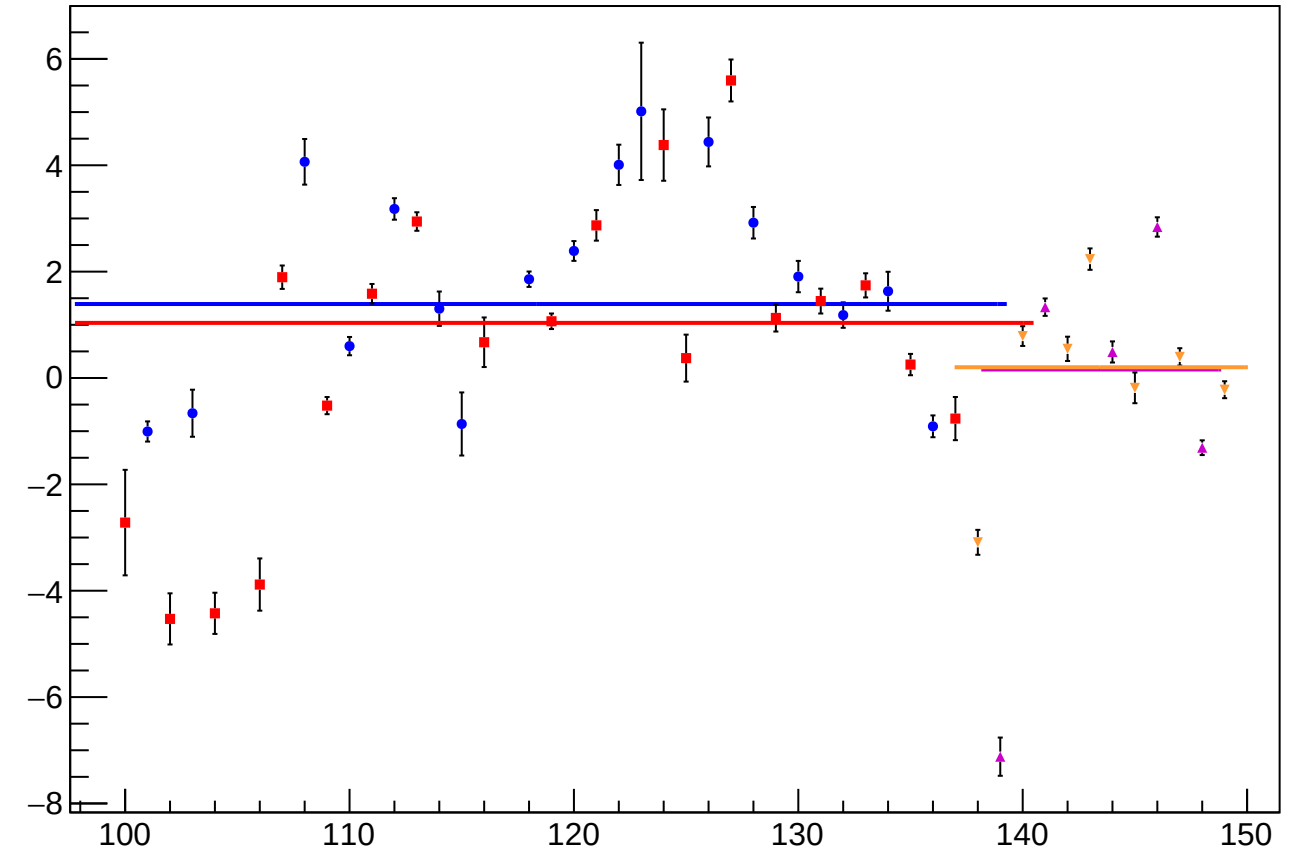
Left: -19.917+/-0.075 χ^2/NDF: 41673.9/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.073+/-0.111 χ^2/NDF:27209.1/4

Out: -18.954+/-0.102 χ^2/NDF:14267.1/6

All: -19.917+/-0.075 χ^2/NDF: 41673.9/11



Right In: 1.391+/-0.061 χ^2/NDF: 629.2/16

Left Out: 0.202+/-0.075 χ^2/NDF:321.9/6

Right Out: 1.036+/-0.058 χ^2/NDF: 934.2/18

Left In: 0.160+/-0.081 χ^2/NDF:792.9/4

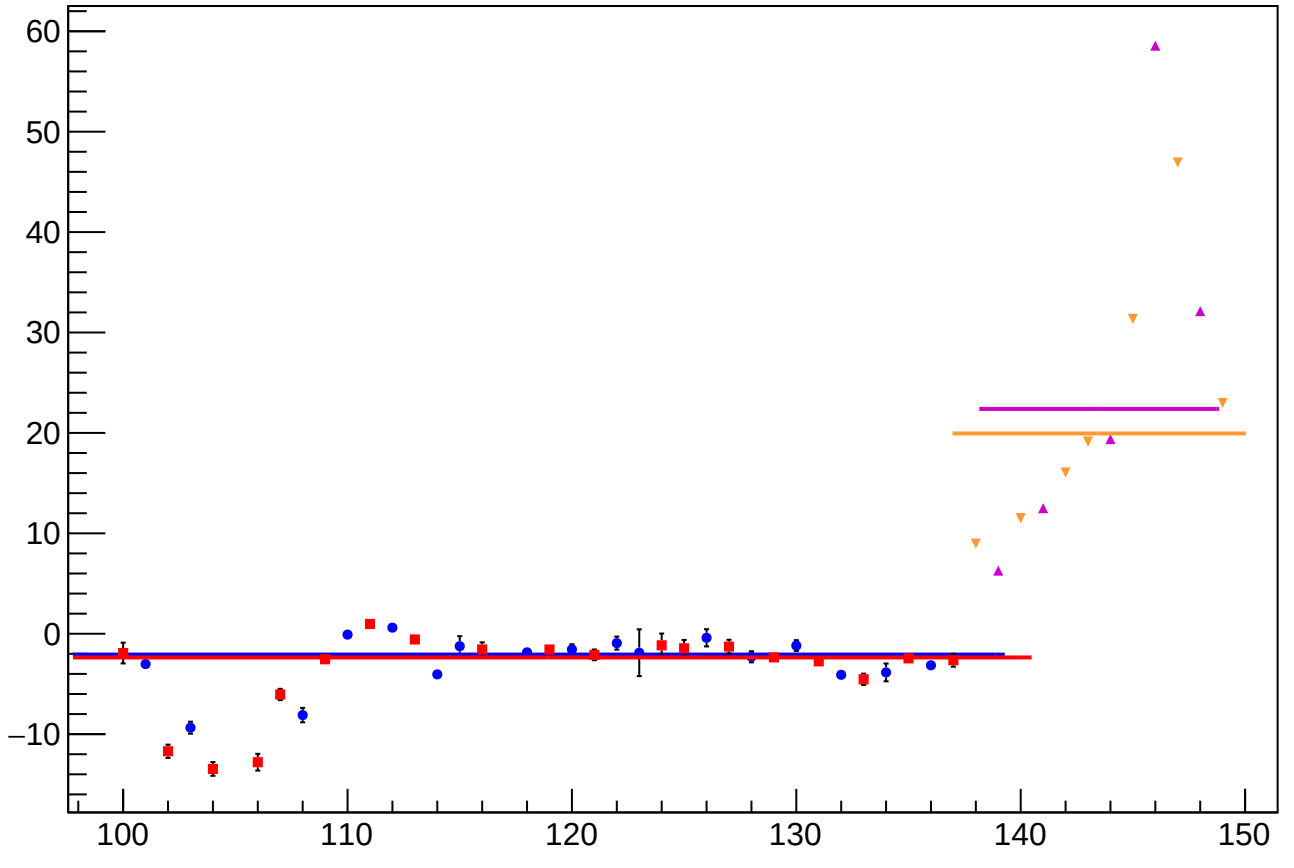
Left: 0.183+/-0.055 χ^2/NDF: 1114.9/11

Right: 1.204+/-0.042 χ^2/NDF: 1581.2/35

In: 0.946+/-0.049 χ^2/NDF:1569.8/21

Out: 0.723+/-0.046 χ^2/NDF:1334.3/25

All: 0.827+/-0.033 χ^2/NDF: 2915.2/47



Right In: -2.075+/-0.110 χ^2/NDF: 442.3/16

Left Out: 19.946+/-0.105 χ^2/NDF:12106.2/6

Right Out: -2.362+/-0.098 χ^2/NDF: 893.4/18

Left In: 22.389+/-0.115 χ^2/NDF:23537.8/4

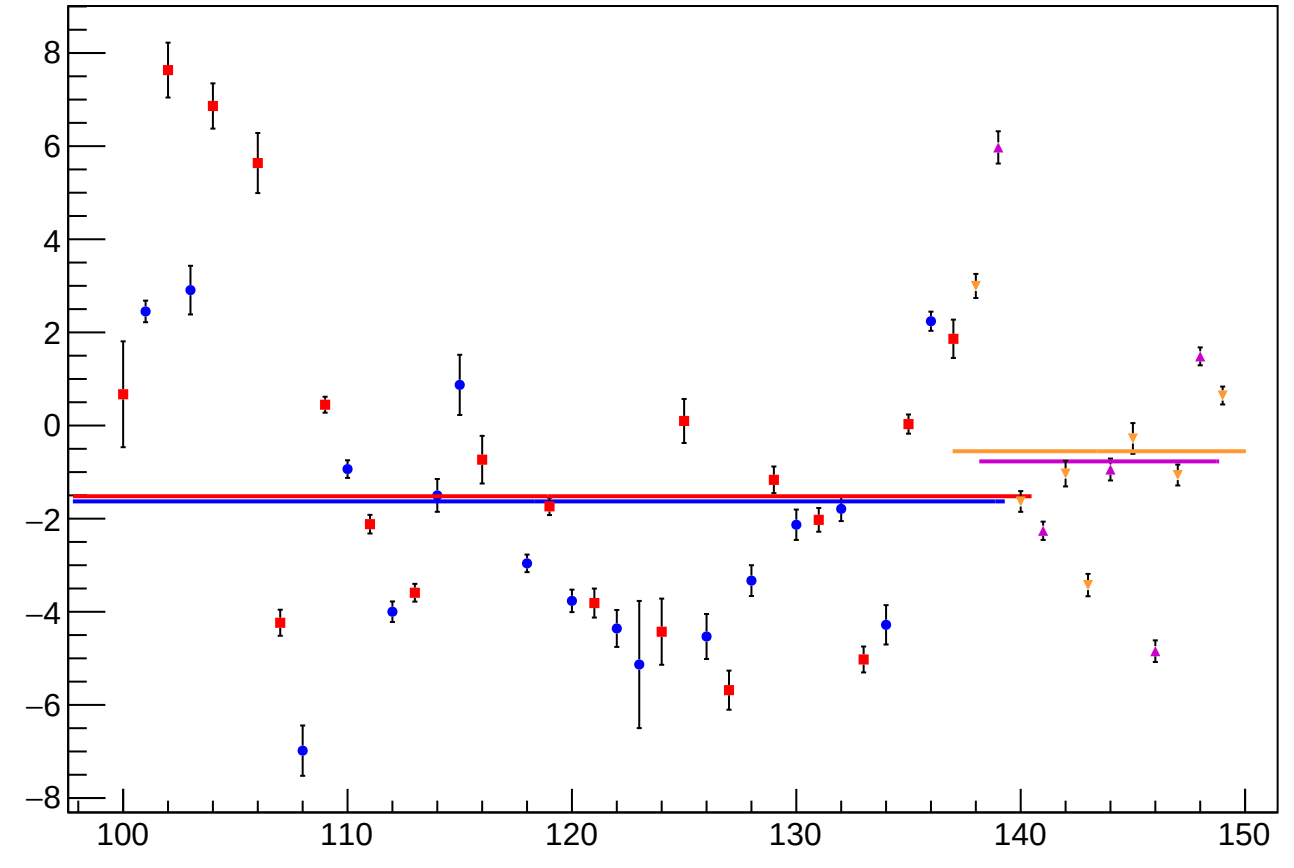
Left: 21.056+/-0.077 χ^2/NDF: 35890.9/11

Right: -2.235+/-0.073 χ^2/NDF: 1339.5/35

In: 9.664+/-0.080 χ^2/NDF:47593.6/21

Out: 8.085+/-0.072 χ^2/NDF:37121.0/25

All: 8.793+/-0.053 χ^2/NDF: 84932.2/47



Right In: -1.629+/-0.070 χ^2/NDF: 1266.4/16

Left Out: -0.552+/-0.091 χ^2/NDF:402.4/6

Right Out: -1.519+/-0.065 χ^2/NDF: 1491.9/18

Left In: -0.770+/-0.101 χ^2/NDF:881.8/4

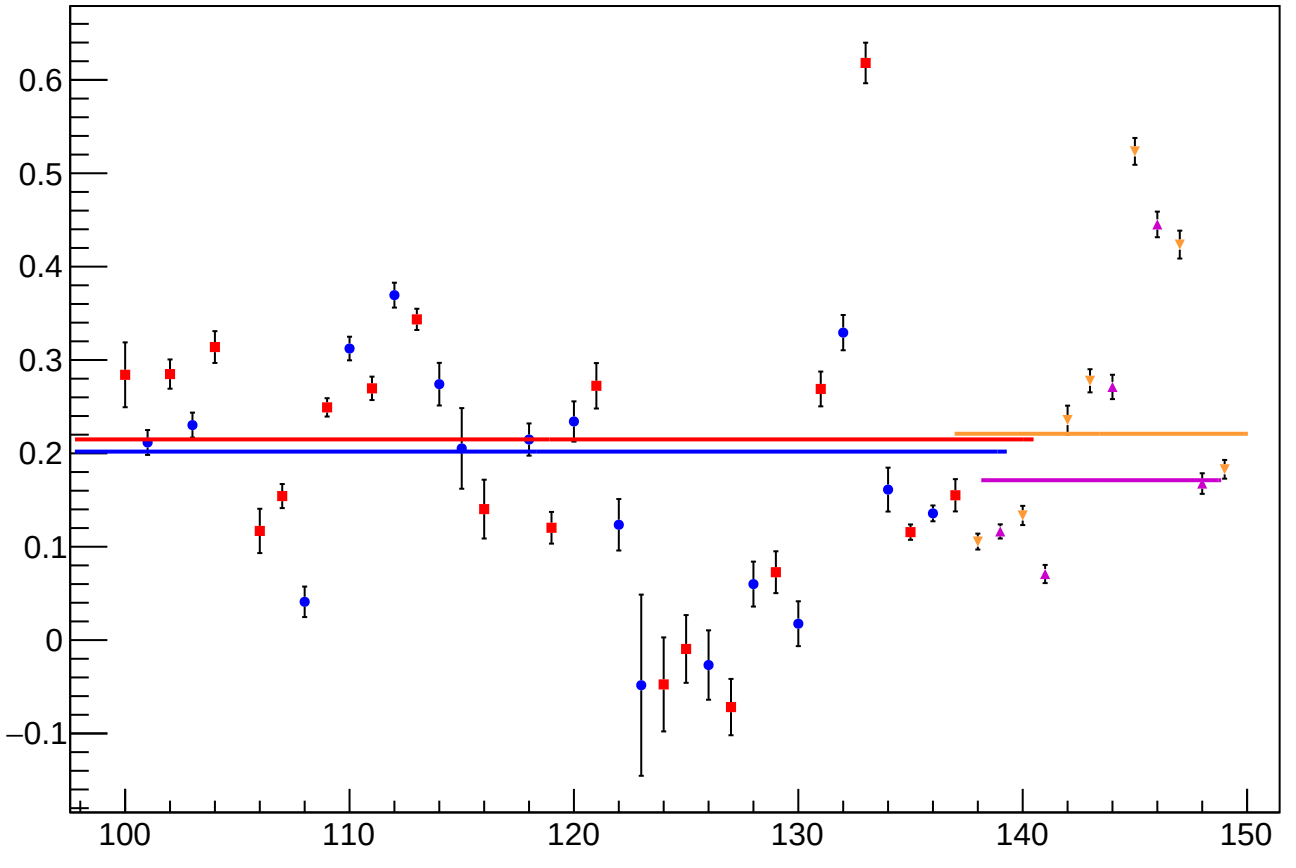
Left: -0.649+/-0.067 χ^2/NDF: 1286.8/11

Right: -1.570+/-0.048 χ^2/NDF: 2759.6/35

In: -1.350+/-0.058 χ^2/NDF:2196.9/21

Out: -1.188+/-0.053 χ^2/NDF:1969.2/25

All: -1.262+/-0.039 χ^2/NDF: 4170.4/47



Right In: 0.202+/-0.004 χ^2/NDF: 604.6/16

Left Out: 0.221+/-0.004 χ^2/NDF:918.8/6

Right Out: 0.215+/-0.004 χ^2/NDF: 1005.6/18

Left In: 0.171+/-0.005 χ^2/NDF:616.0/4

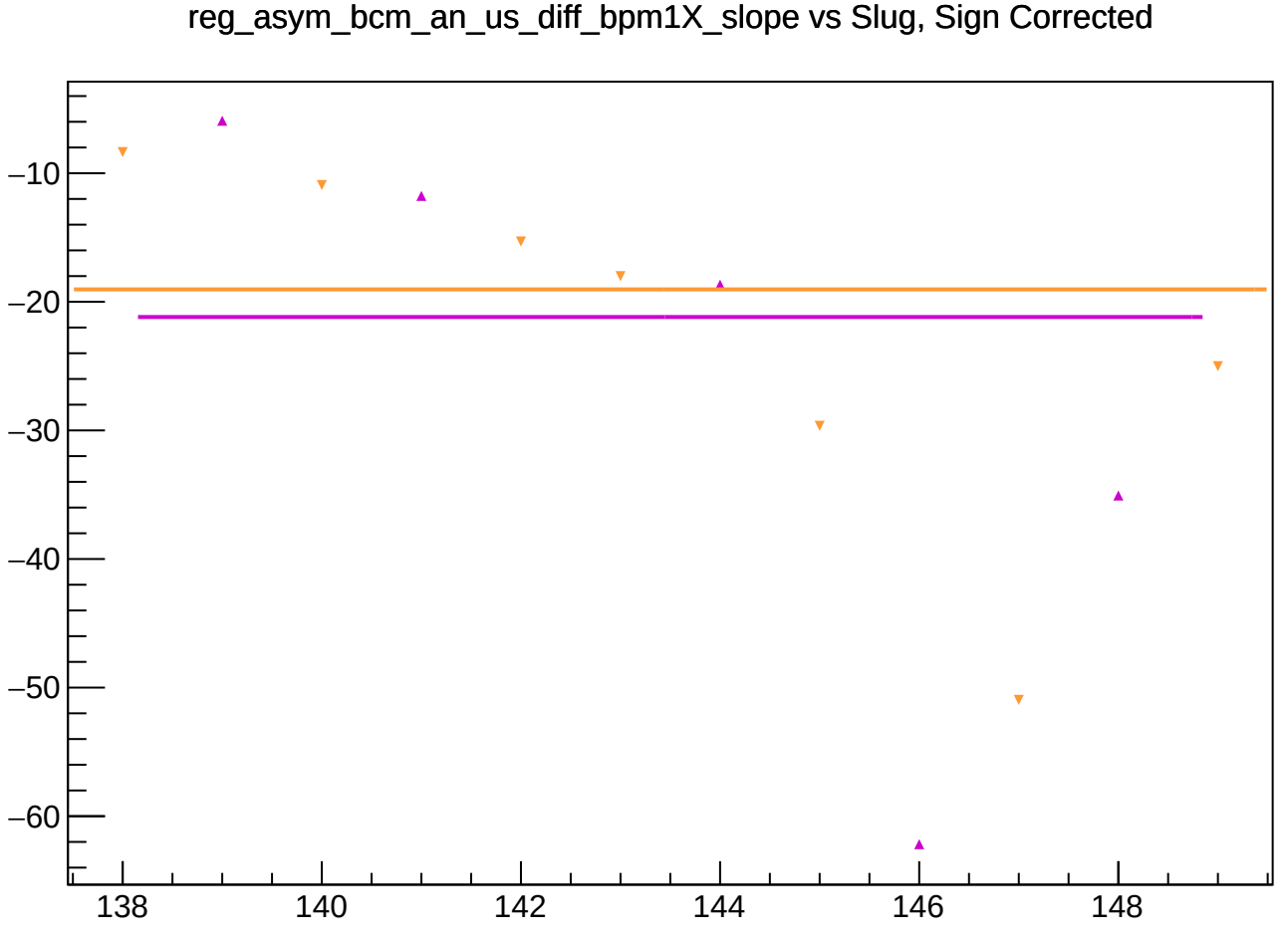
Left: 0.198+/-0.003 χ^2/NDF: 1596.8/11

Right: 0.209+/-0.003 χ^2/NDF: 1615.8/35

In: 0.188+/-0.003 χ^2/NDF:1245.3/21

Out: 0.217+/-0.003 χ^2/NDF:1925.5/25

All: 0.204+/-0.002 χ^2/NDF: 3220.3/47



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

Left Out: -19.034+/-0.102 χ^2/NDF:14282.1/6

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

Left In: -21.182+/-0.112 χ^2/NDF:27239.3/4

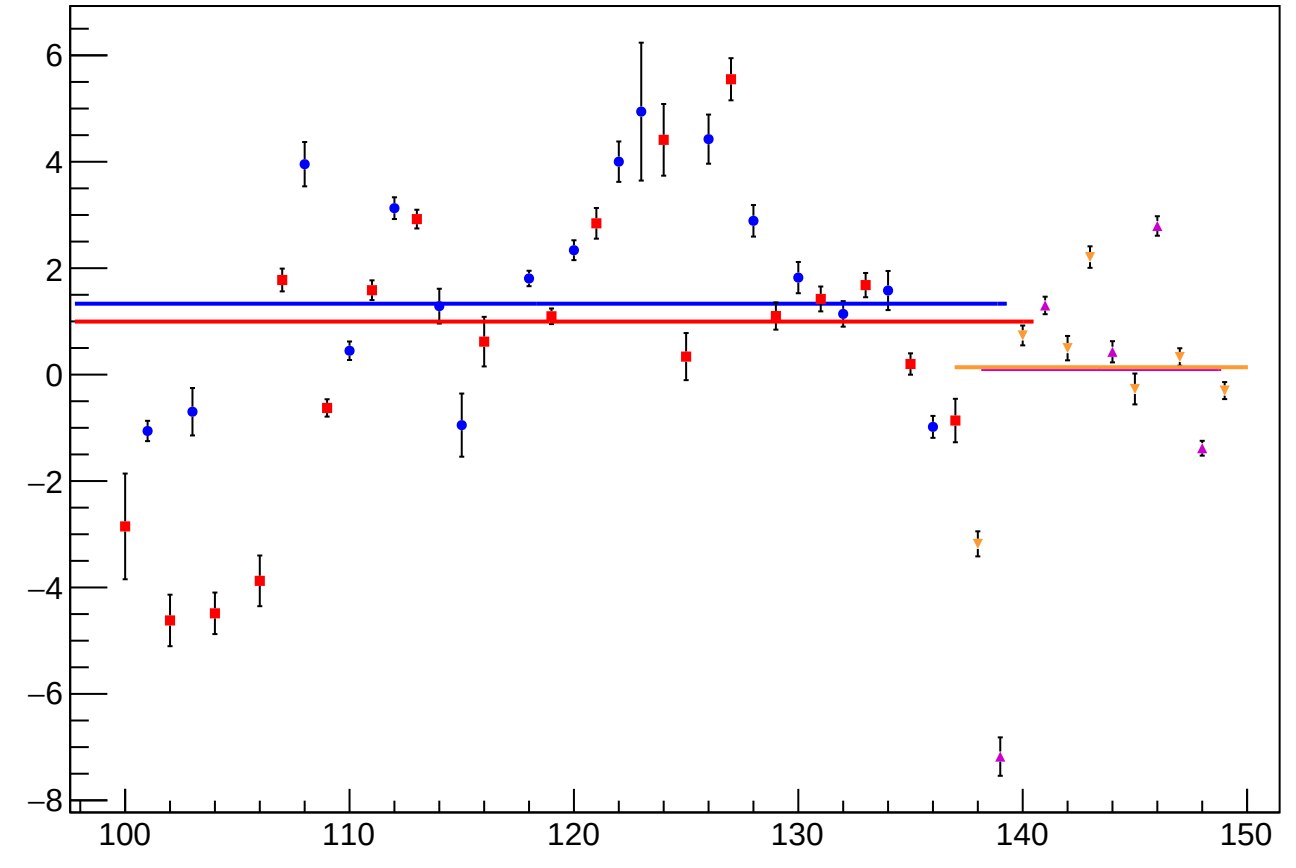
Left: -20.009+/-0.075 χ^2/NDF: 41722.7/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.182+/-0.112 χ^2/NDF:27239.3/4

Out: -19.034+/-0.102 χ^2/NDF:14282.1/6

All: -20.009+/-0.075 χ^2/NDF: 41722.7/11



Right In: 1.333+/-0.061 χ^2/NDF: 634.6/16

Left Out: 0.139+/-0.075 χ^2/NDF:327.3/6

Right Out: 0.997+/-0.058 χ^2/NDF: 945.3/18

Left In: 0.105+/-0.081 χ^2/NDF:791.9/4

Left: 0.123+/-0.055 χ^2/NDF: 1119.3/11

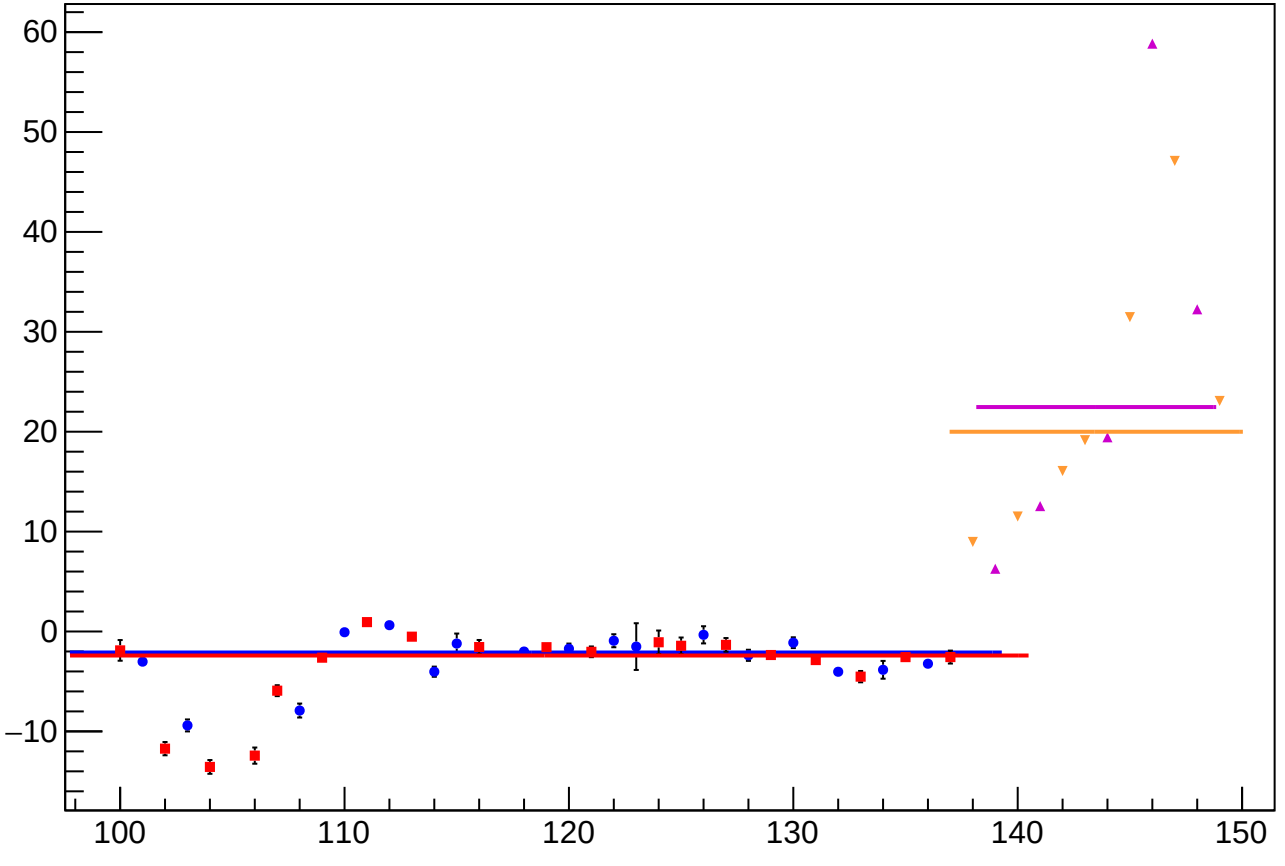
Right: 1.156+/-0.042 χ^2/NDF: 1595.8/35

In: 0.889+/-0.049 χ^2/NDF:1572.0/21

Out: 0.675+/-0.046 χ^2/NDF:1354.7/25

All: 0.775+/-0.033 χ^2/NDF: 2936.9/47

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: 19.996+/-0.105 χ^2/NDF:12119.2/6

Right Out: -2.405+/-0.099 χ^2/NDF: 887.1/18

Left In: 22.468+/-0.115 χ^2/NDF:23570.4/4

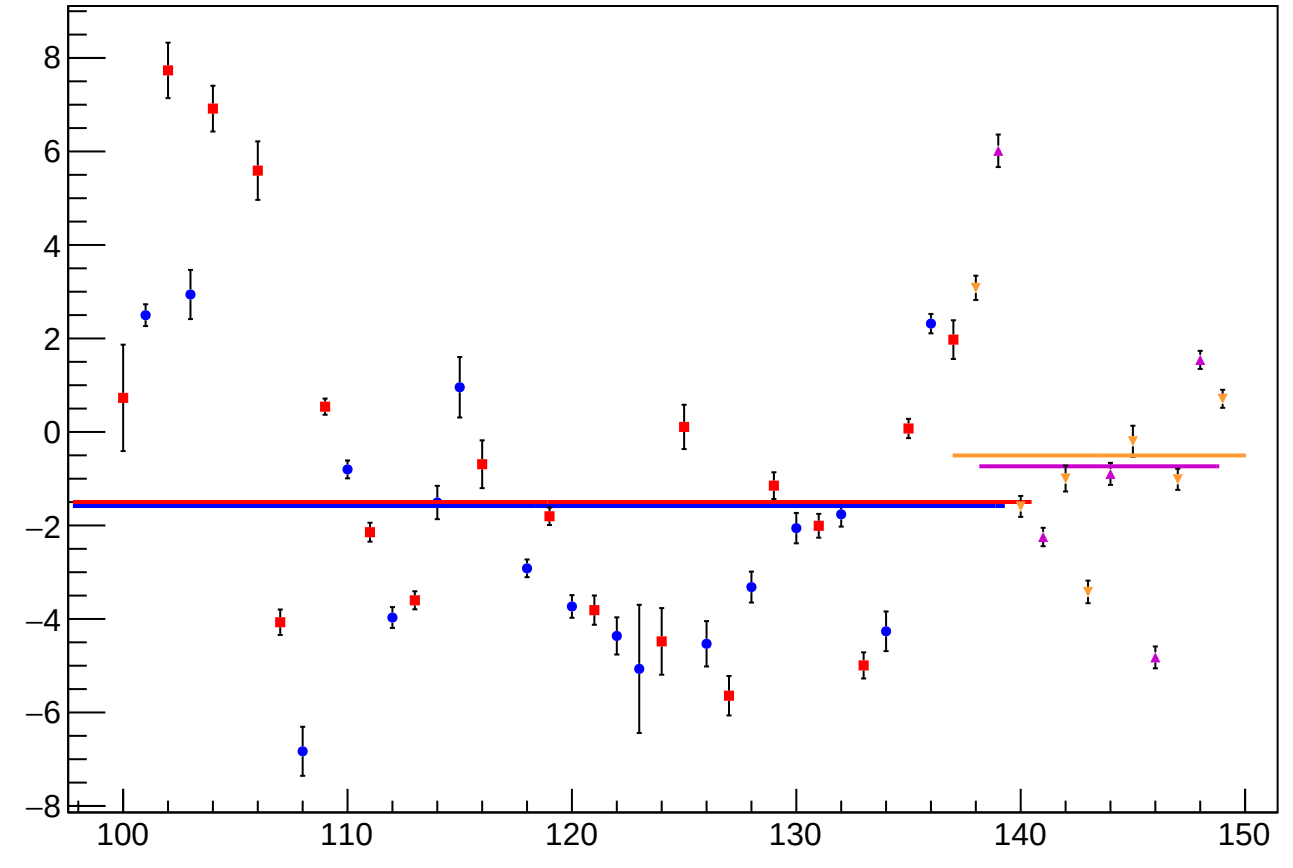
Left: 21.118+/-0.078 χ^2/NDF: 35940.5/11

Right: -2.272+/-0.074 χ^2/NDF: 1331.5/35

In: 9.698+/-0.080 χ^2/NDF:47600.0/21

Out: 8.093+/-0.072 χ^2/NDF:37109.1/25

All: 8.812+/-0.053 χ^2/NDF: 84931.5/47



Right In: -1.584+/-0.070 χ^2/NDF: 1272.1/16

Left Out: -0.502+/-0.091 χ^2/NDF:409.1/6

Right Out: -1.498+/-0.066 χ^2/NDF: 1503.7/18

Left In: -0.734+/-0.102 χ^2/NDF:880.1/4

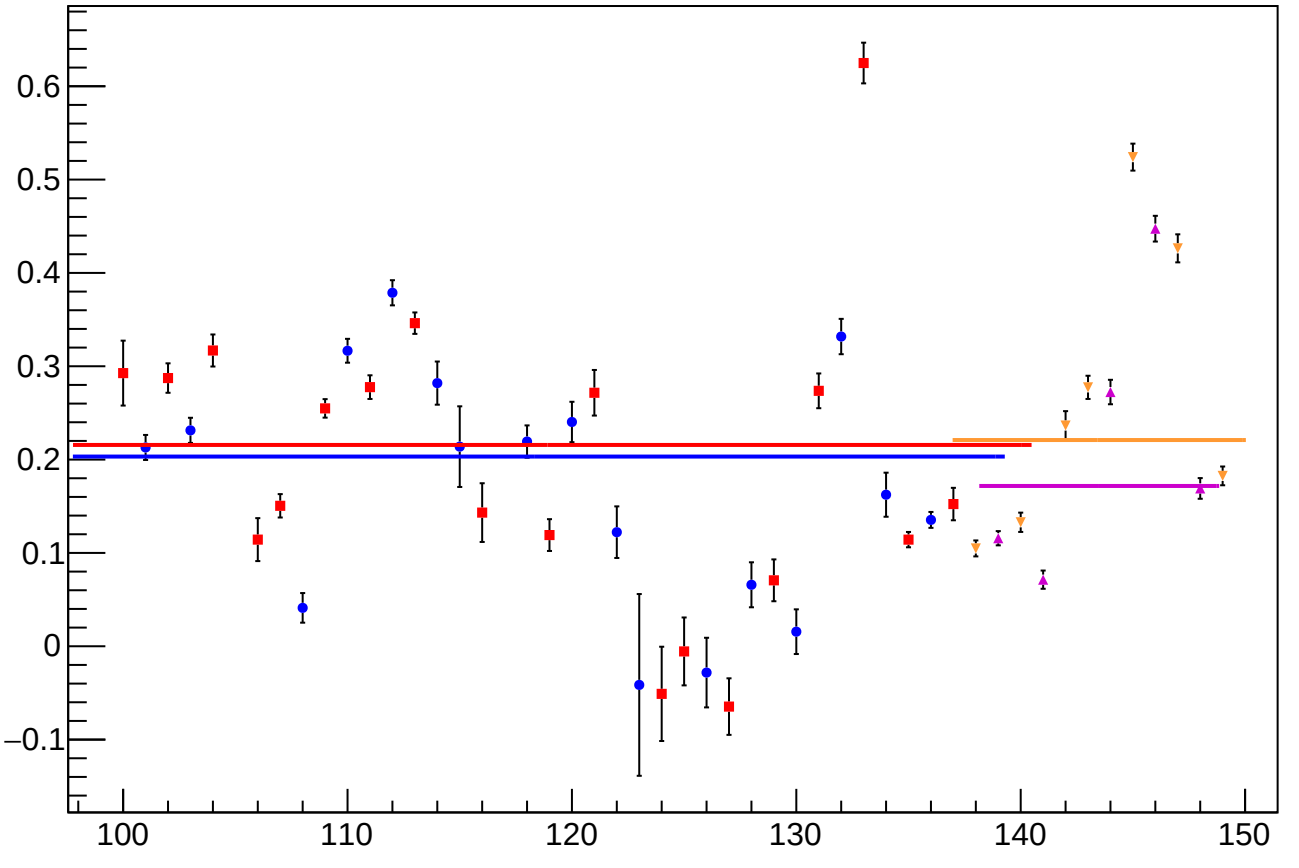
Left: -0.606+/-0.068 χ^2/NDF: 1292.1/11

Right: -1.538+/-0.048 χ^2/NDF: 2776.6/35

In: -1.308+/-0.058 χ^2/NDF:2199.6/21

Out: -1.158+/-0.053 χ^2/NDF:1991.6/25

All: -1.227+/-0.039 χ^2/NDF: 4194.8/47



Right In: 0.203+/-0.004 χ^2/NDF: 632.8/16

Left Out: 0.221+/-0.004 χ^2/NDF:920.3/6

Right Out: 0.216+/-0.004 χ^2/NDF: 1037.9/18

Left In: 0.172+/-0.005 χ^2/NDF:618.2/4

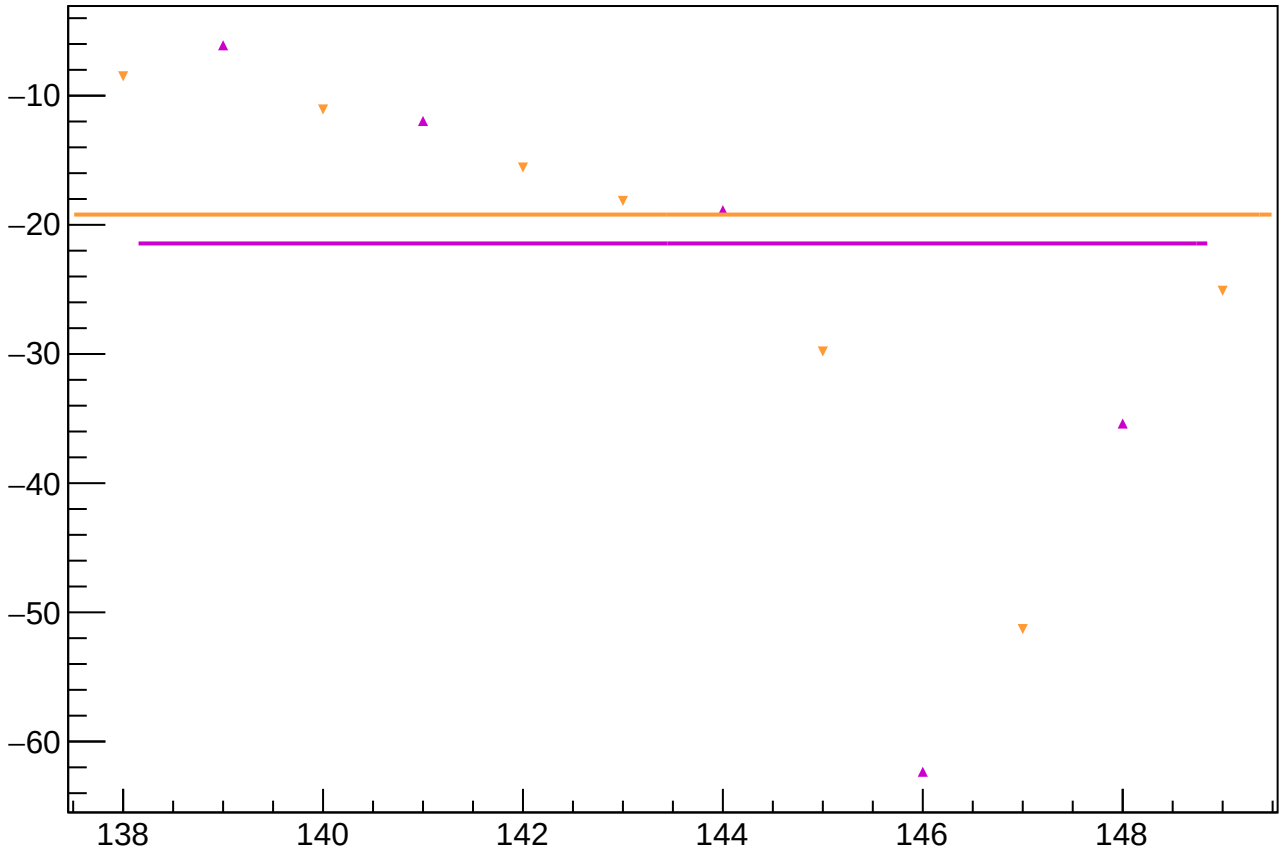
Left: 0.198+/-0.003 χ^2/NDF: 1598.7/11

Right: 0.210+/-0.003 χ^2/NDF: 1675.8/35

In: 0.189+/-0.003 χ^2/NDF:1276.8/21

Out: 0.218+/-0.003 χ^2/NDF:1959.1/25

All: 0.205+/-0.002 χ^2/NDF: 3283.2/47



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

Left Out: -19.205+/-0.103 χ^2/NDF:14136.8/6

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

Left In: -21.441+/-0.113 χ^2/NDF:26851.8/4

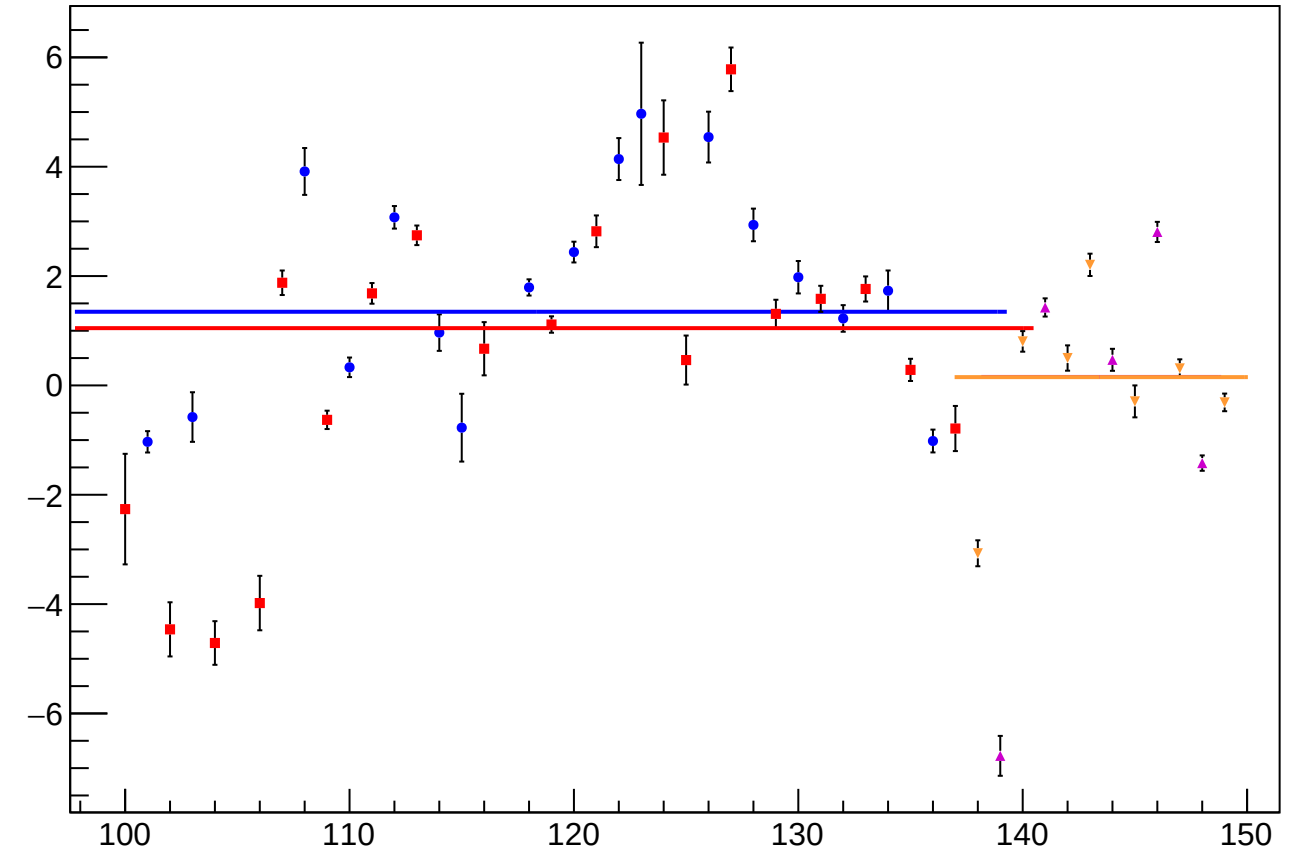
Left: -20.220+/-0.076 χ^2/NDF: 41202.5/11

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.441+/-0.113 χ^2/NDF:26851.8/4

Out: -19.205+/-0.103 χ^2/NDF:14136.8/6

All: -20.220+/-0.076 χ^2/NDF: 41202.5/11



Right In: 1.347+/-0.062 χ^2/NDF: 630.1/16

Left Out: 0.152+/-0.076 χ^2/NDF:311.1/6

Right Out: 1.047+/-0.059 χ^2/NDF: 916.0/18

Left In: 0.155+/-0.082 χ^2/NDF:753.9/4

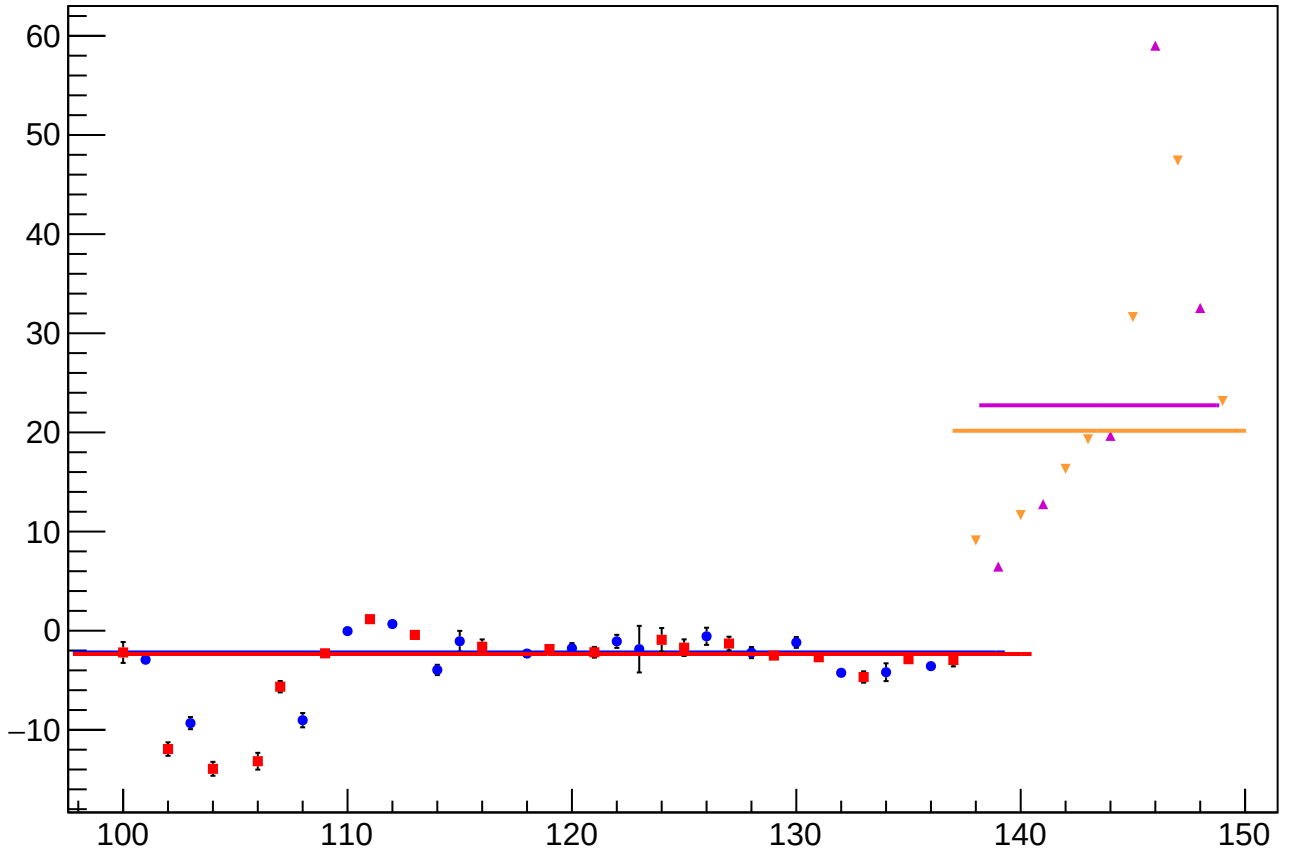
Left: 0.153+/-0.056 χ^2/NDF: 1065.0/11

Right: 1.190+/-0.043 χ^2/NDF: 1558.3/35

In: 0.912+/-0.050 χ^2/NDF:1517.8/21

Out: 0.707+/-0.047 χ^2/NDF:1314.3/25

All: 0.803+/-0.034 χ^2/NDF: 2841.2/47



Right In: -2.194+/-0.113 χ^2/NDF: 463.5/16

Left Out: 20.169+/-0.106 χ^2/NDF:11994.9/6

Right Out: -2.348+/-0.101 χ^2/NDF: 908.5/18

Left In: 22.736+/-0.116 χ^2/NDF:23209.0/4

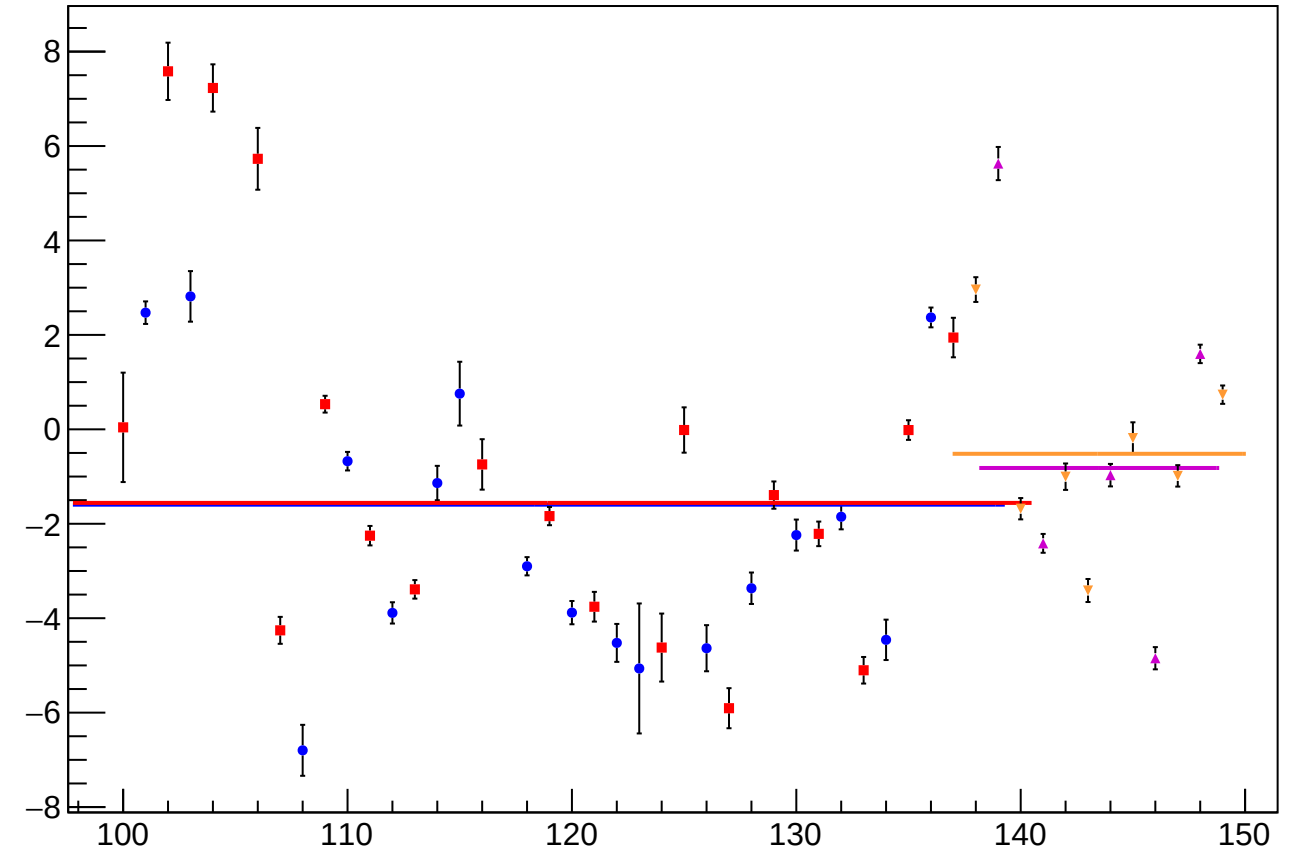
Left: 21.333+/-0.078 χ^2/NDF: 35469.2/11

Right: -2.280+/-0.075 χ^2/NDF: 1373.0/35

In: 9.877+/-0.081 χ^2/NDF:47301.8/21

Out: 8.338+/-0.073 χ^2/NDF:36551.9/25

All: 9.029+/-0.054 χ^2/NDF: 84052.3/47



Right In: -1.595+/-0.072 χ^2/NDF: 1255.4/16

Left Out: -0.518+/-0.092 χ^2/NDF:393.3/6

Right Out: -1.558+/-0.067 χ^2/NDF: 1463.8/18

Left In: -0.818+/-0.103 χ^2/NDF:847.3/4

Left: -0.652+/-0.068 χ^2/NDF: 1245.4/11

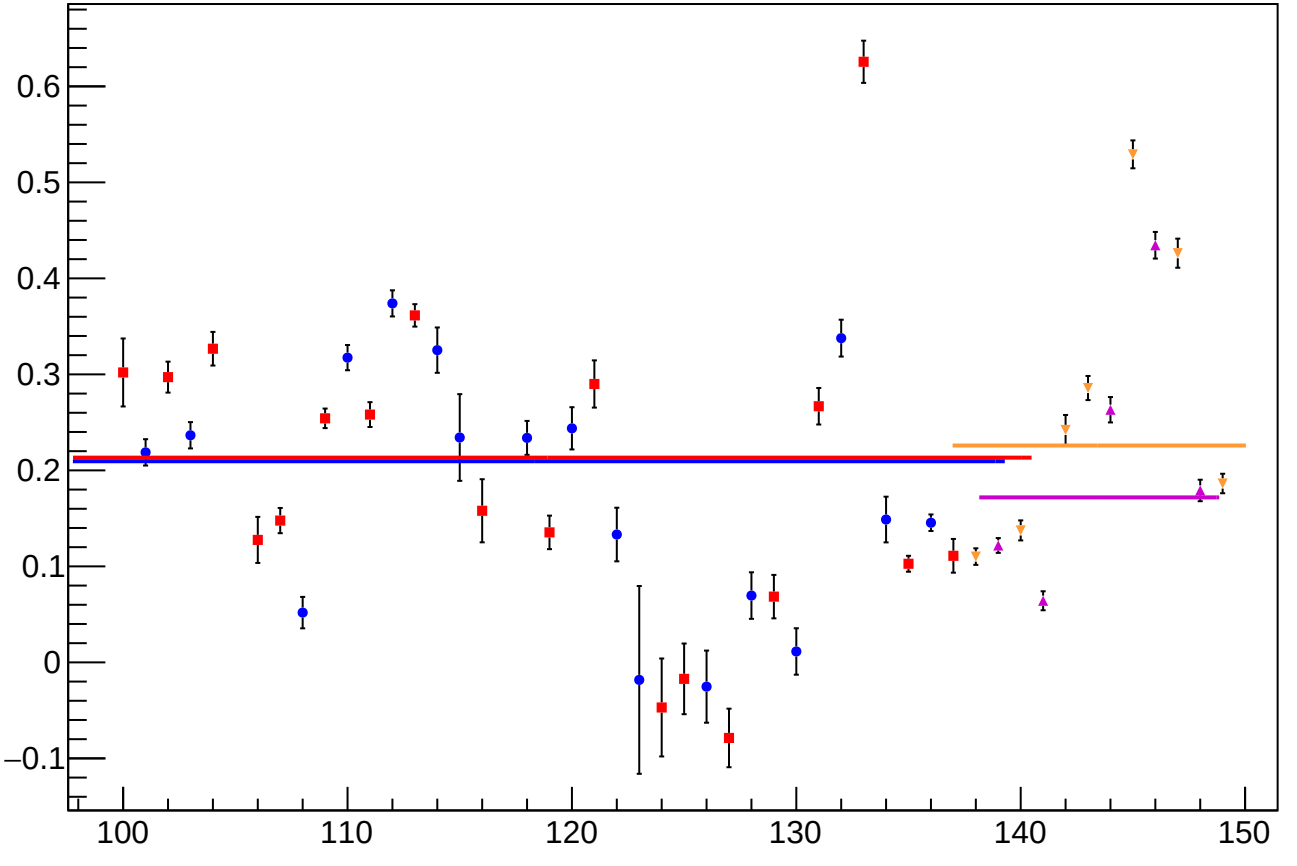
Right: -1.575+/-0.049 χ^2/NDF: 2719.3/35

In: -1.340+/-0.059 χ^2/NDF:2141.2/21

Out: -1.198+/-0.054 χ^2/NDF:1941.0/25

All: -1.263+/-0.040 χ^2/NDF: 4085.4/47

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210+/-0.004 χ^2/NDF: 597.7/16

Left Out: 0.226+/-0.004 χ^2/NDF:900.5/6

Right Out: 0.213+/-0.004 χ^2/NDF: 1103.2/18

Left In: 0.172+/-0.005 χ^2/NDF:567.2/4

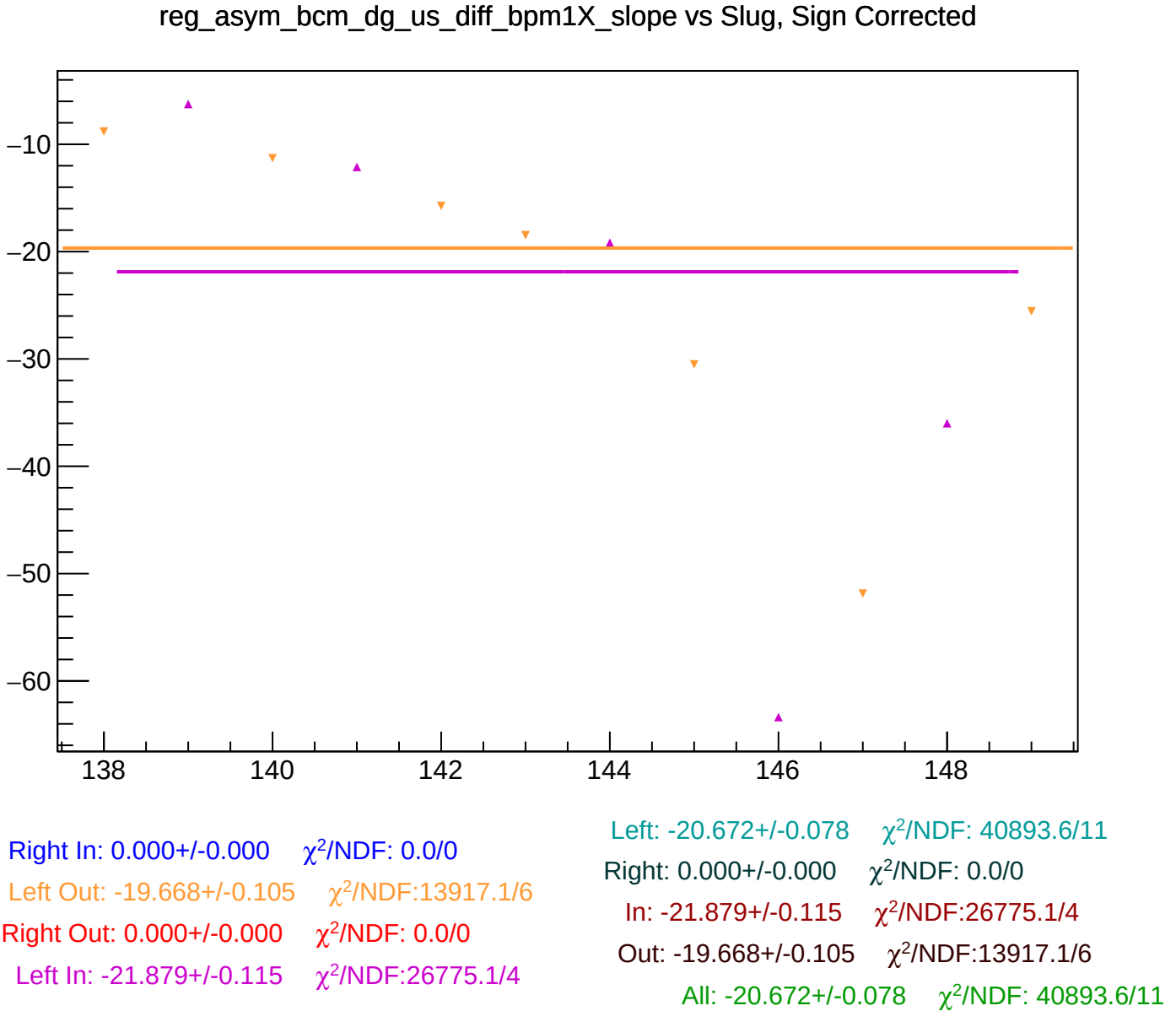
Left: 0.201+/-0.003 χ^2/NDF: 1538.8/11

Right: 0.212+/-0.003 χ^2/NDF: 1701.4/35

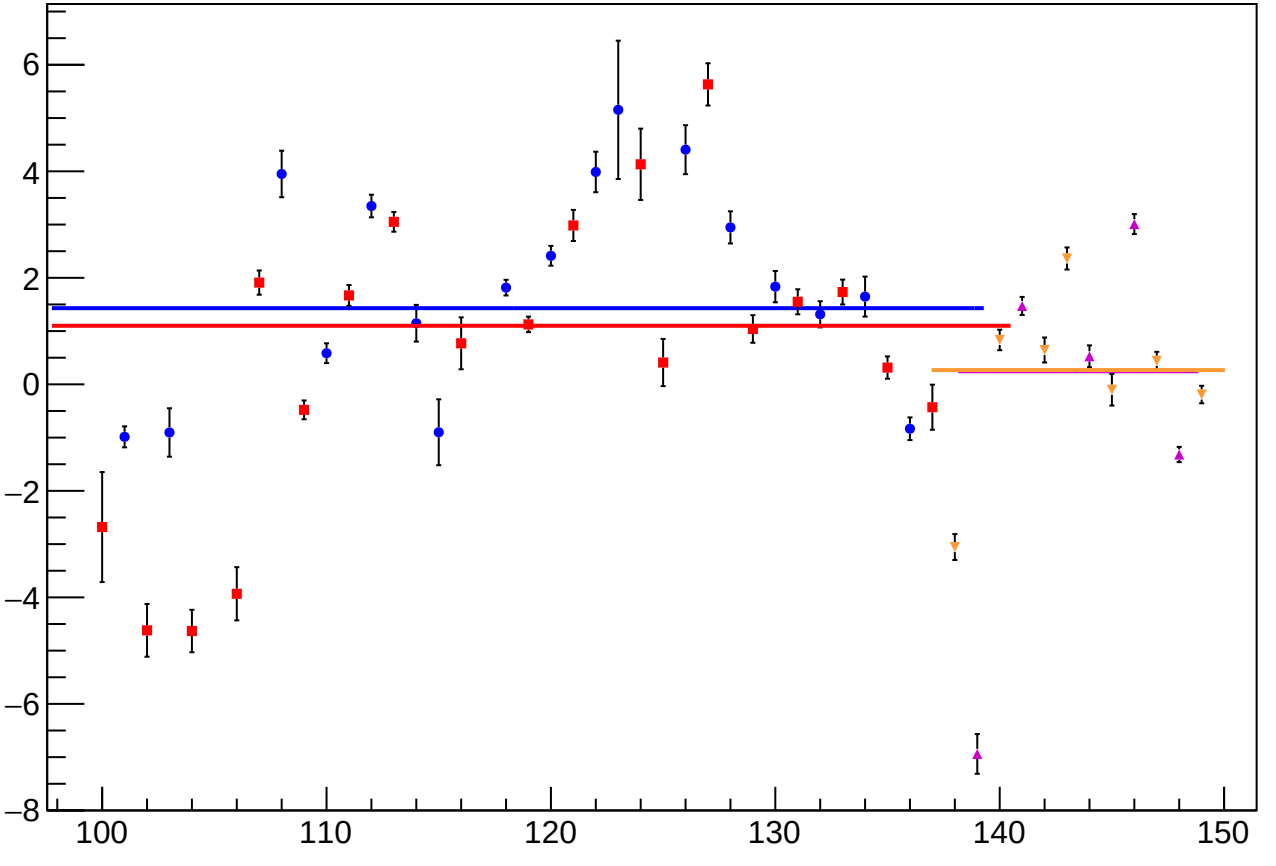
In: 0.193+/-0.003 χ^2/NDF:1200.9/21

Out: 0.219+/-0.003 χ^2/NDF:2008.5/25

All: 0.207+/-0.002 χ^2/NDF: 3247.0/47


reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected
−10
−20
−30
−40
−50
−60
138
140
142
144
146
148
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -19.668+/-0.105 χ²/NDF:13917.1/6
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -21.879+/-0.115 χ²/NDF:26775.1/4
Left: -20.672+/-0.078 χ²/NDF: 40893.6/11
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -21.879+/-0.115 χ²/NDF:26775.1/4
Out: -19.668+/-0.105 χ²/NDF:13917.1/6
All: -20.672+/-0.078 χ²/NDF: 40893.6/11

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: 0.268+/-0.077 χ^2/NDF:310.4/6

Right Out: 1.100+/-0.060 χ^2/NDF: 901.0/18

Left In: 0.245+/-0.084 χ^2/NDF:762.3/4

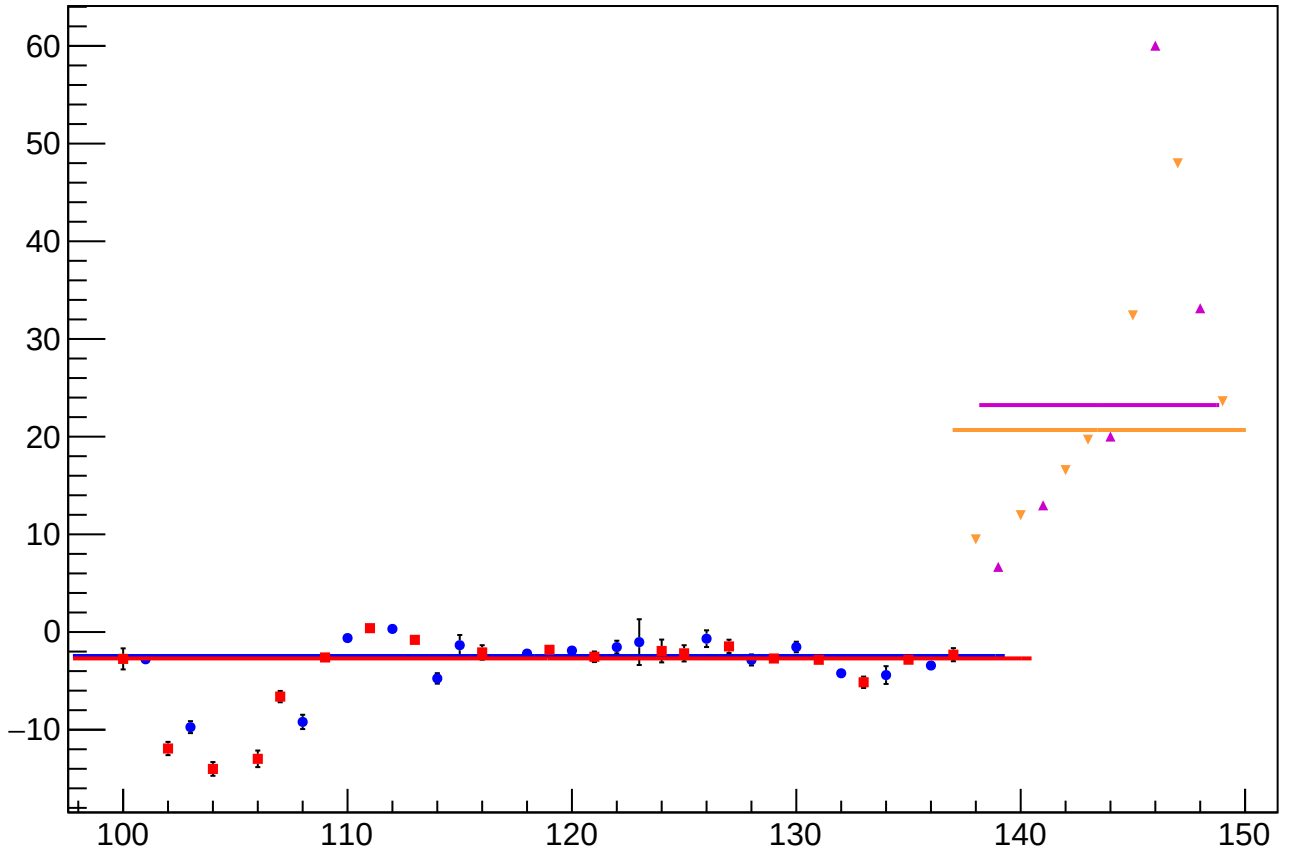
Left: 0.257+/-0.057 χ^2/NDF: 1072.8/11

Right: 1.257+/-0.043 χ^2/NDF: 1513.6/35

In: 1.003+/-0.050 χ^2/NDF:1488.9/21

Out: 0.785+/-0.047 χ^2/NDF:1284.4/25

All: 0.887+/-0.034 χ^2/NDF: 2783.2/47



Right In: -2.456+/-0.115 χ^2/NDF: 419.1/16

Left Out: 20.684+/-0.108 χ^2/NDF:11780.4/6

Right Out: -2.700+/-0.103 χ^2/NDF: 829.7/18

Left In: 23.233+/-0.119 χ^2/NDF:23123.5/4

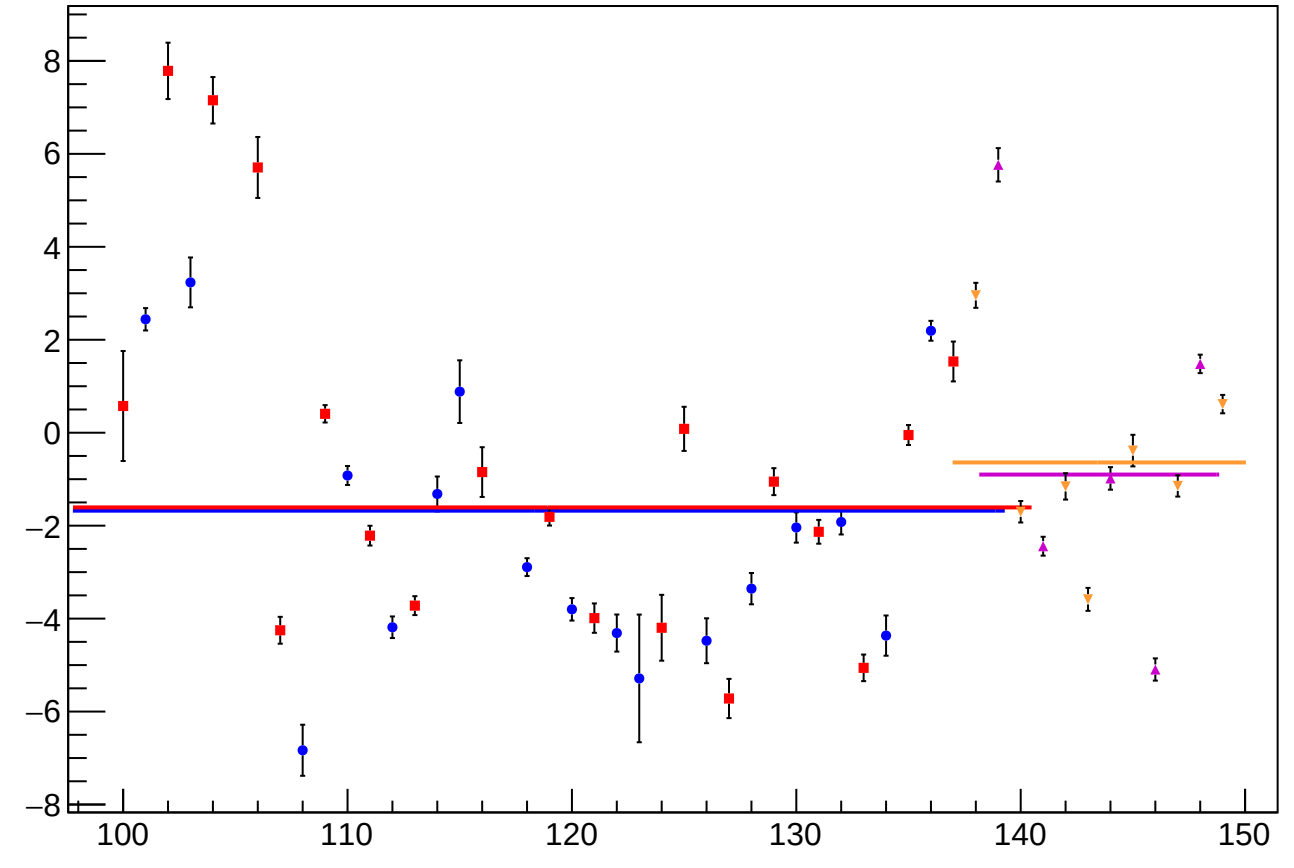
Left: 21.841+/-0.080 χ^2/NDF: 35155.7/11

Right: -2.591+/-0.077 χ^2/NDF: 1251.4/35

In: 9.931+/-0.082 χ^2/NDF:47789.5/21

Out: 8.424+/-0.075 χ^2/NDF:37088.4/25

All: 9.103+/-0.055 χ^2/NDF: 85061.6/47



Right In: -1.677+/-0.072 χ^2/NDF: 1204.7/16

Left Out: -0.640+/-0.093 χ^2/NDF:390.7/6

Right Out: -1.607+/-0.068 χ^2/NDF: 1430.8/18

Left In: -0.901+/-0.104 χ^2/NDF:853.2/4

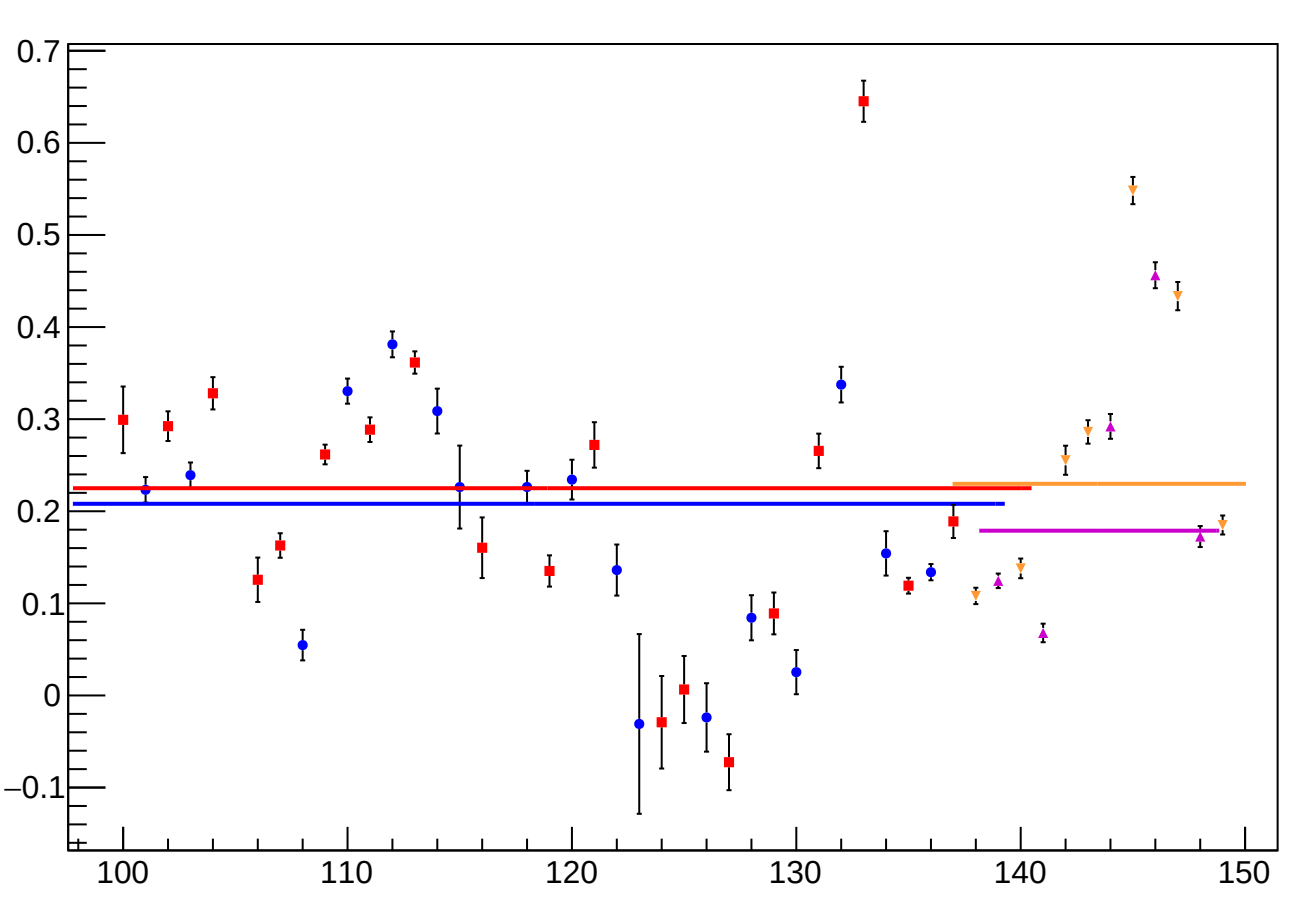
Left: -0.756+/-0.070 χ^2/NDF: 1247.4/11

Right: -1.640+/-0.050 χ^2/NDF: 2636.0/35

In: -1.425+/-0.060 χ^2/NDF:2095.3/21

Out: -1.273+/-0.055 χ^2/NDF:1891.6/25

All: -1.343+/-0.040 χ^2/NDF: 3990.4/47



Right In: 0.208+/-0.004 χ^2/NDF: 600.2/16

Left Out: 0.230+/-0.004 χ^2/NDF:942.5/6

Right Out: 0.225+/-0.004 χ^2/NDF: 1000.0/18

Left In: 0.179+/-0.005 χ^2/NDF:627.2/4

Left: 0.206+/-0.003 χ^2/NDF: 1630.4/11

Right: 0.217+/-0.003 χ^2/NDF: 1609.0/35

In: 0.195+/-0.003 χ^2/NDF:1248.3/21

Out: 0.227+/-0.003 χ^2/NDF:1943.2/25

All: 0.212+/-0.002 χ^2/NDF: 3246.6/47