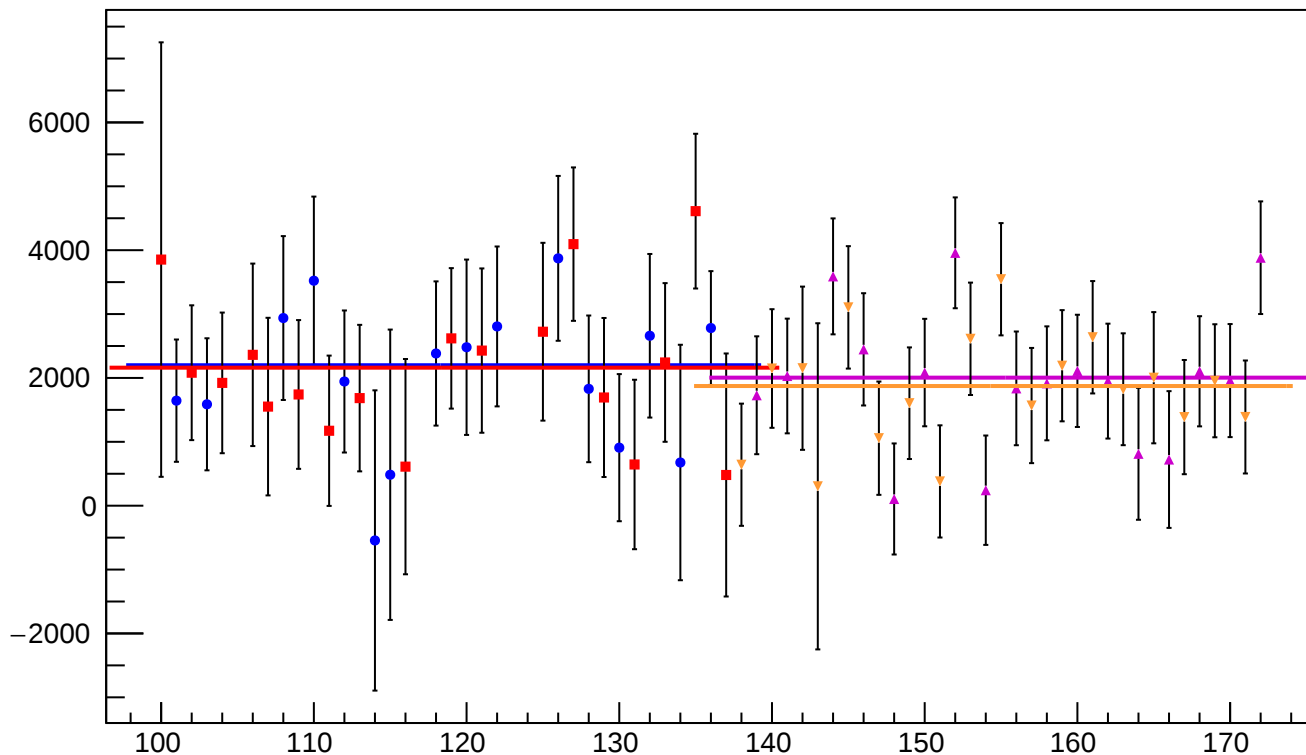


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

χ^2/NDF : 8.6/15

Left Out: 1873.377 $\pm$ 221.006

χ^2/NDF :13.6/17

Right Out: 2160.742 $\pm$ 303.587

χ^2/NDF : 11.7/17

Left In: 2004.519 $\pm$ 217.591

χ^2/NDF :24.9/16

Left: 1939.969 $\pm$ 155.053

χ^2/NDF : 38.7/34

Right: 2179.612 $\pm$ 215.784

χ^2/NDF : 20.3/33

In: 2069.575 $\pm$ 177.478

χ^2/NDF :33.7/32

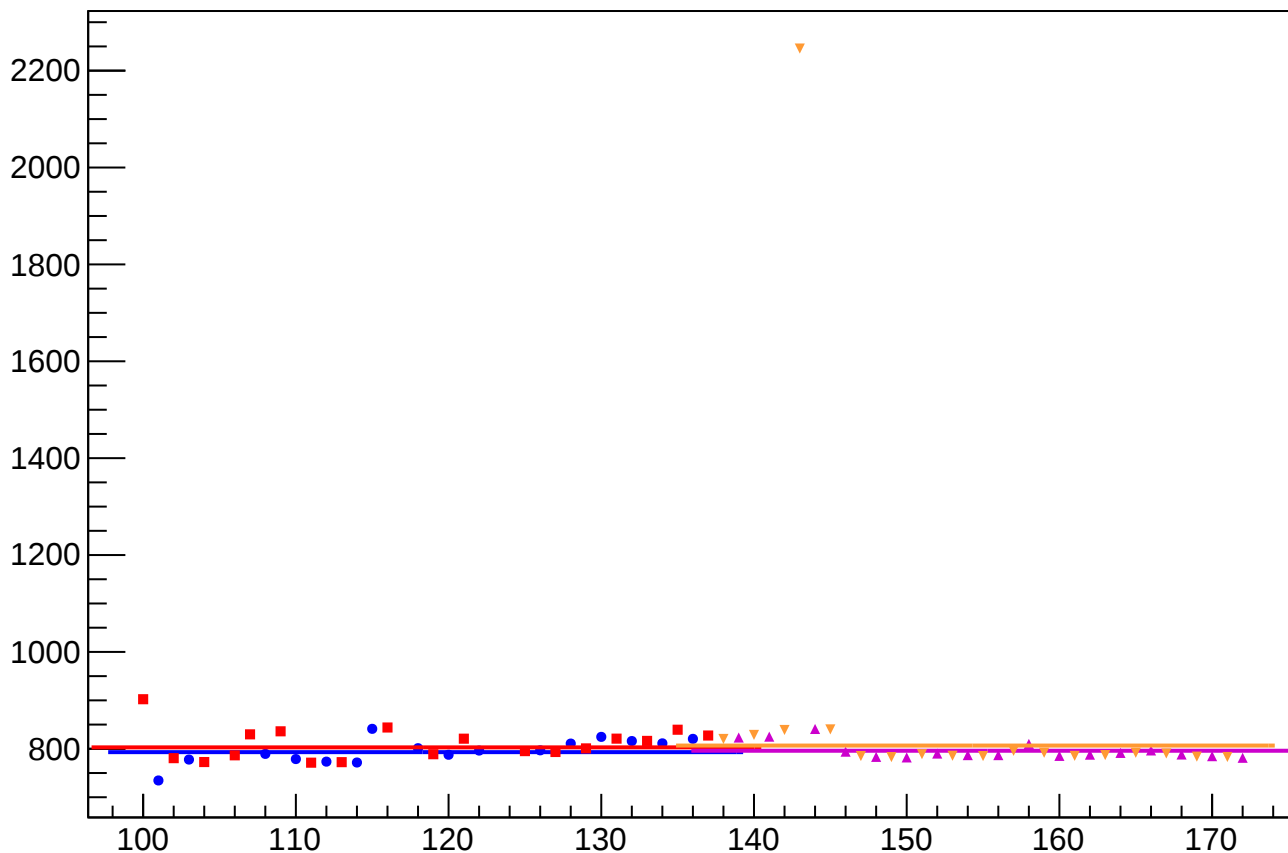
Out: 1972.916 $\pm$ 178.675

χ^2/NDF :25.9/35

All: 2021.570 $\pm$ 125.917

χ^2/NDF : 59.7/68

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 806.689 $\pm$ 0.156 χ^2 /NDF: 653304.7/17

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

Left In: 795.975 $\pm$ 0.154 χ^2 /NDF: 12263.6/16

Left: 801.249 $\pm$ 0.110 χ^2 /NDF: 667955.1/34

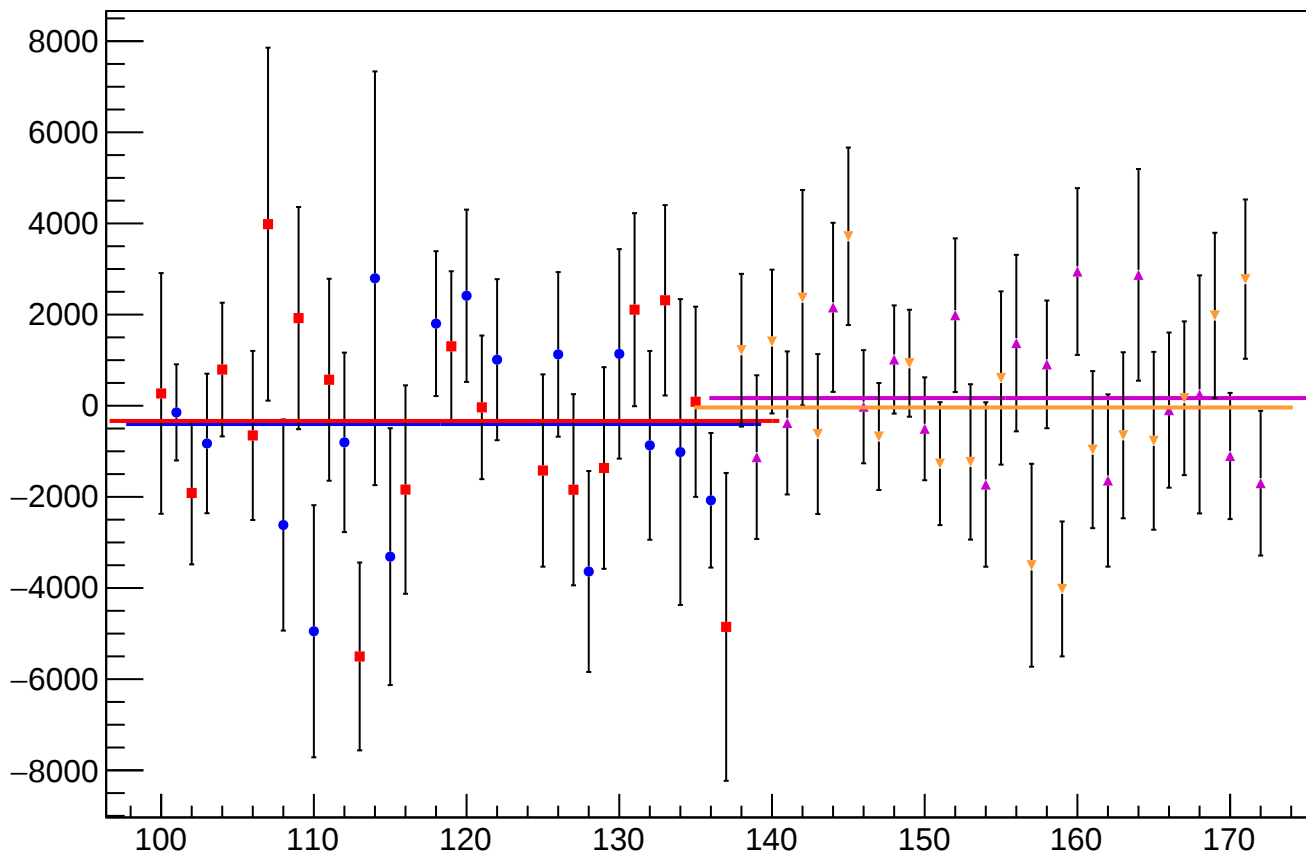
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 795.010 $\pm$ 0.125 χ^2 /NDF: 27084.3/32

Out: 805.393 $\pm$ 0.126 χ^2 /NDF: 667949.0/35

All: 800.166 $\pm$ 0.089 χ^2 /NDF: 698432.8/68

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2/NDF : 14.8/15

Left Out: -38.462 $\pm$ 386.668 χ^2/NDF : 22.7/17

Right Out: -333.998 $\pm$ 478.476 χ^2/NDF : 17.5/17

Left In: 168.395 $\pm$ 384.745 χ^2/NDF : 12.4/16

Left: 65.482 $\pm$ 272.733 χ^2/NDF : 35.3/34

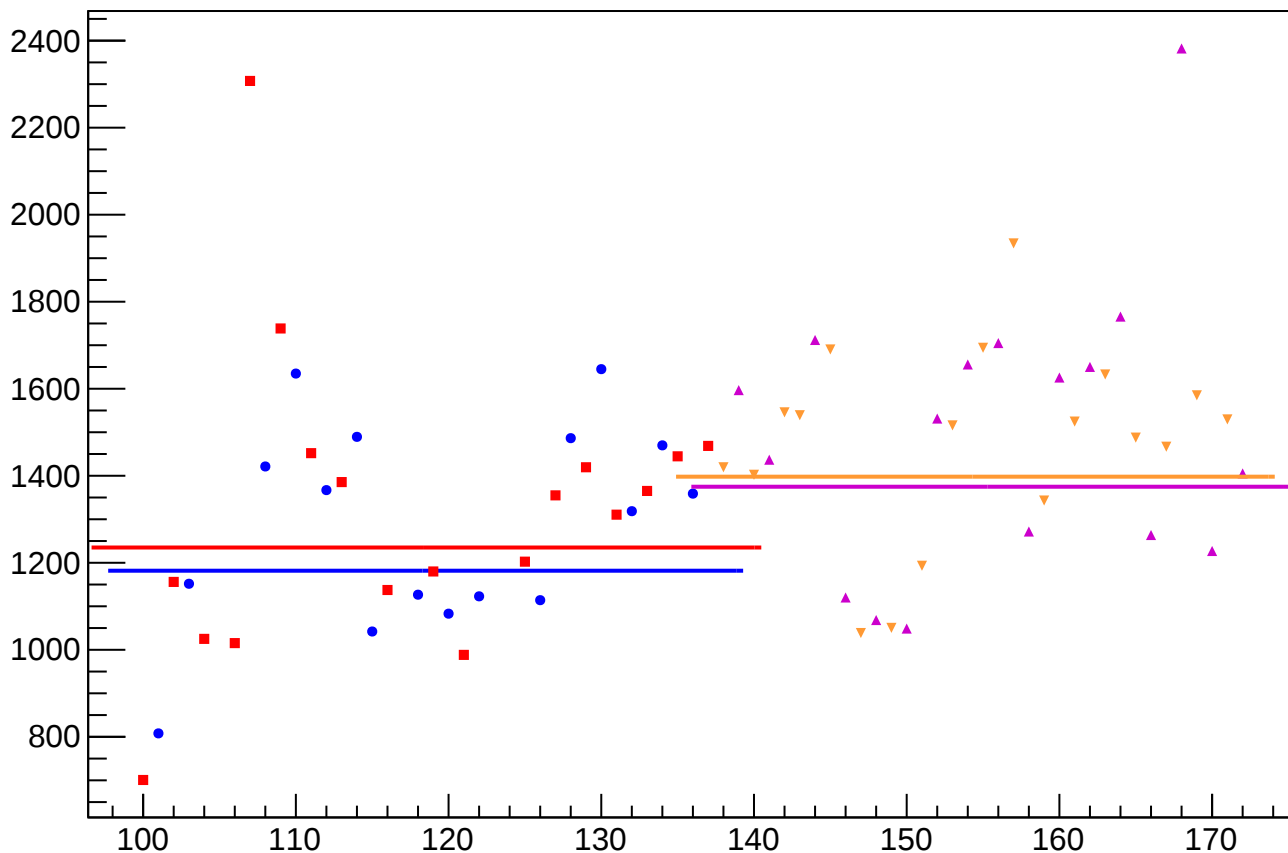
Right: -368.430 $\pm$ 334.812 χ^2/NDF : 32.3/33

In: -61.032 $\pm$ 297.375 χ^2/NDF : 28.1/32

Out: -155.218 $\pm$ 300.742 χ^2/NDF : 40.4/35

All: -107.595 $\pm$ 211.456 χ^2/NDF : 68.6/68

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1397.891 $\pm$ 0.273 χ^2 /NDF: 736050.3/17

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

Left In: 1374.792 $\pm$ 0.272 χ^2 /NDF: 1084439.0/16

Left: 1386.284 $\pm$ 0.193 χ^2 /NDF: 1824075.9/34

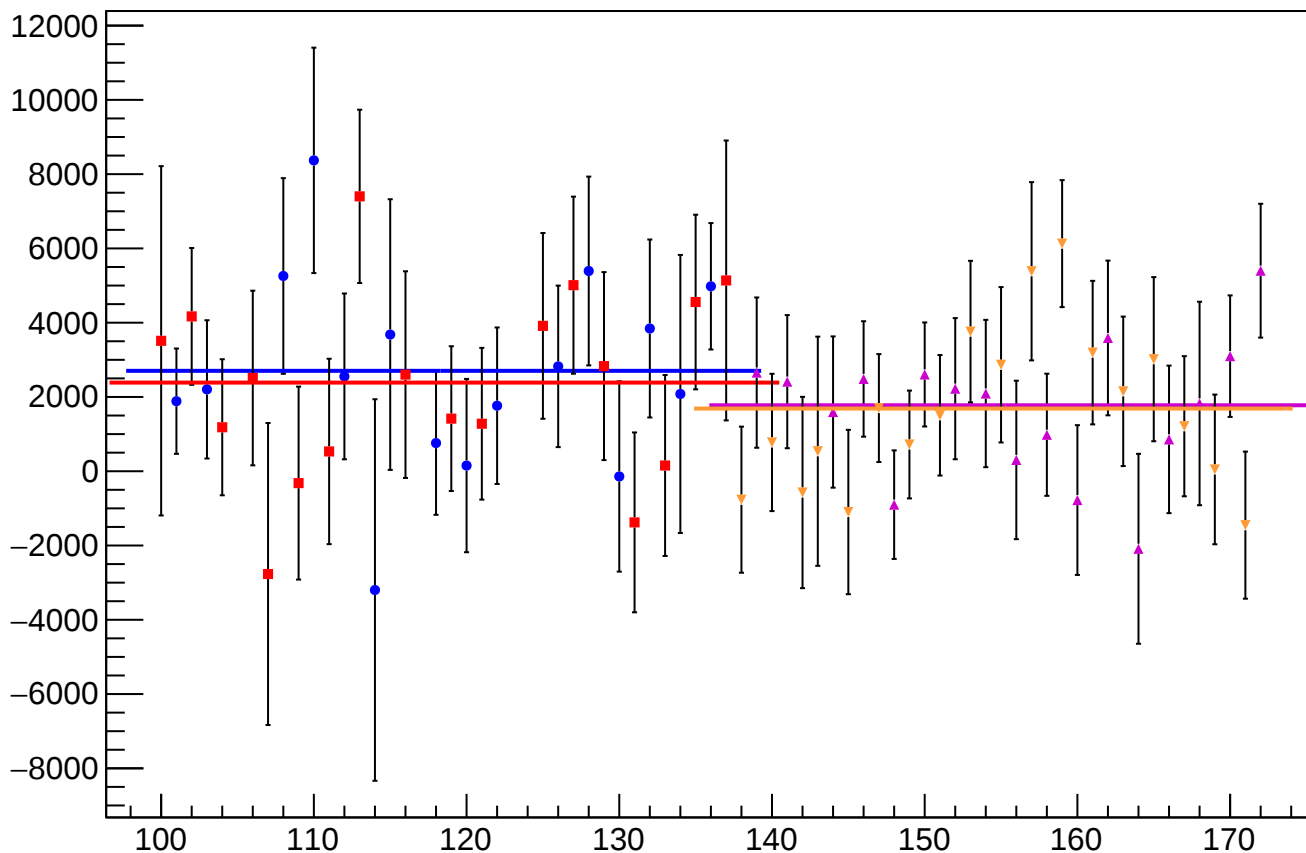
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1297.079 $\pm$ 0.210 χ^2 /NDF: 1830601.1/32

Out: 1333.576 $\pm$ 0.213 χ^2 /NDF: 1416362.8/35

All: 1315.122 $\pm$ 0.150 χ^2 /NDF: 3261856.7/68

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1688.009+/-453.632 χ^2/NDF : 19.6/17

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

Left In: 1776.711+/-446.933 χ^2/NDF : 14.6/16

Left: 1733.020+/-318.371 χ^2/NDF : 34.2/34

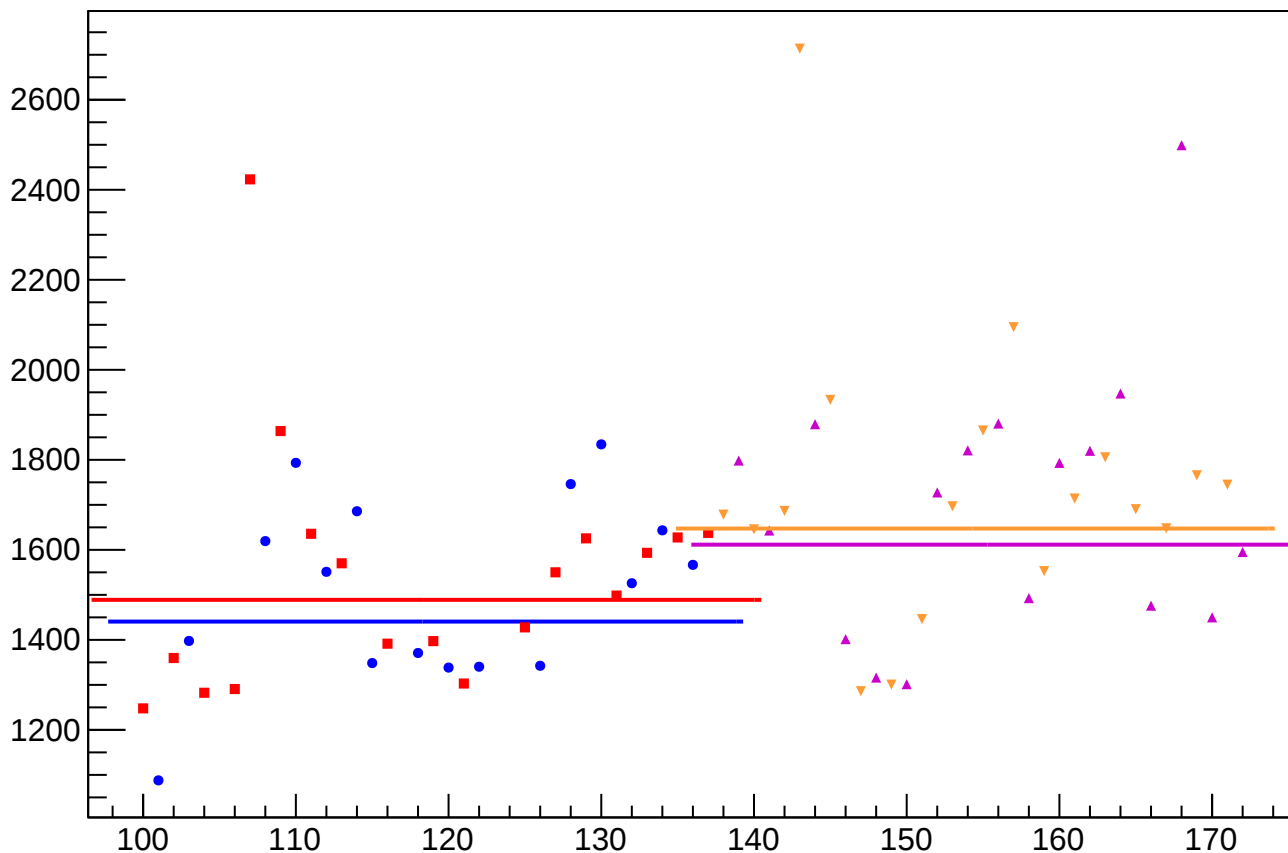
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2133.881+/-350.406 χ^2/NDF : 29.3/32

Out: 1959.617+/-354.768 χ^2/NDF : 36.7/35

All: 2047.827+/-249.302 χ^2/NDF : 66.0/68

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1647.375 $\pm$ 0.321 χ^2 /NDF: 667542.6/17

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

Left In: 1611.525 $\pm$ 0.316 χ^2 /NDF: 649933.4/16

Left: 1629.183 $\pm$ 0.225 χ^2 /NDF: 1323814.4/34

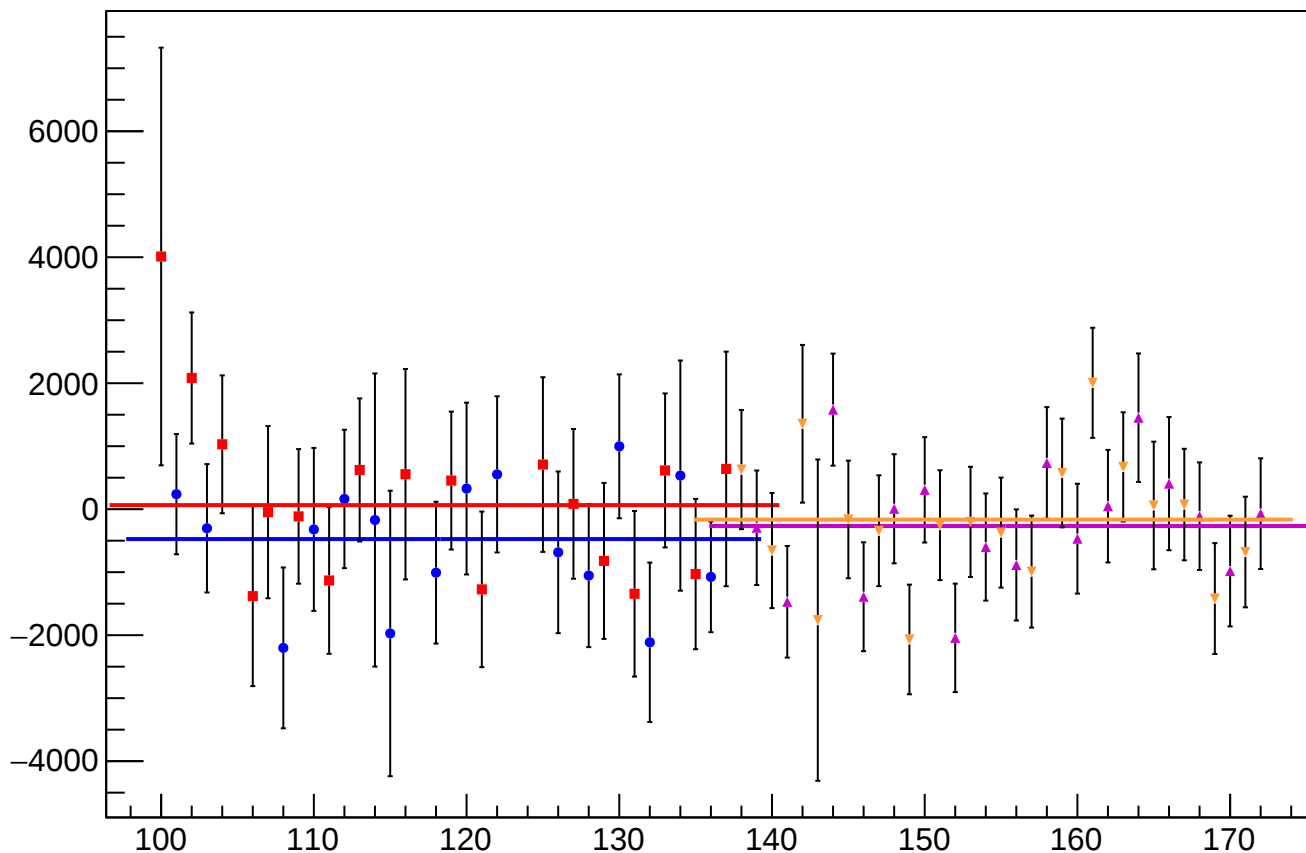
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1545.687 $\pm$ 0.248 χ^2 /NDF: 1044837.4/32

Out: 1585.843 $\pm$ 0.251 χ^2 /NDF: 1019131.4/35

All: 1565.517 $\pm$ 0.176 χ^2 /NDF: 2076939.2/68

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -165.595 ± 218.837 χ^2/NDF : 18.9/17

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

Left In: -266.870 ± 215.546 χ^2/NDF : 18.8/16

Left: -217.000 ± 153.564 χ^2/NDF : 37.8/34

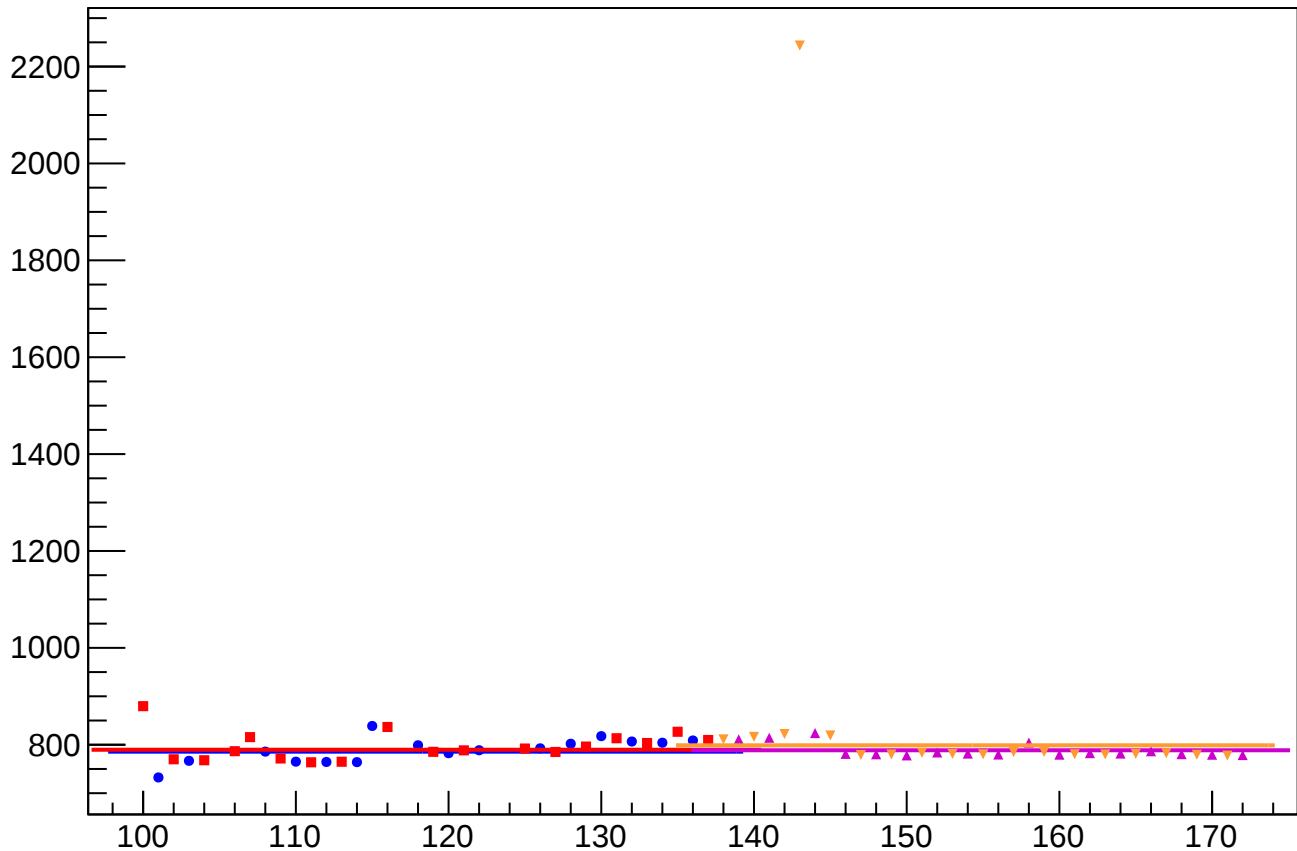
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

In: -336.235 ± 175.816 χ^2/NDF : 27.9/32

Out: -85.057 ± 176.467 χ^2/NDF : 32.0/35

All: -211.110 ± 124.550 χ^2/NDF : 61.0/68

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 798.843 $\pm$ 0.155 χ^2 /NDF: 654856.1/17

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 788.589 $\pm$ 0.152 χ^2 /NDF: 8850.3/16

Left: 793.638 $\pm$ 0.109 χ^2 /NDF: 665935.3/34

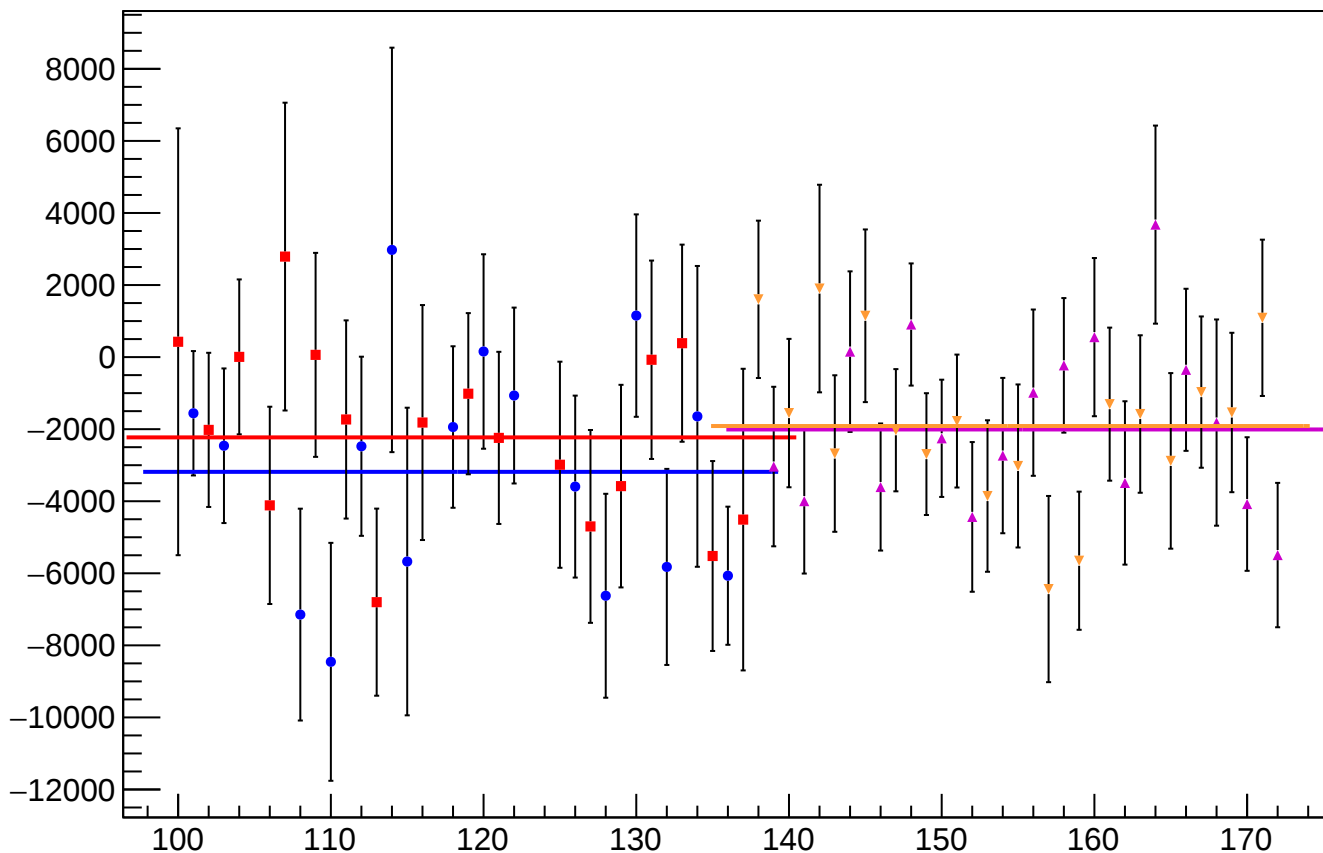
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.637 $\pm$ 0.124 χ^2 /NDF: 22888.3/32

Out: 795.636 $\pm$ 0.125 χ^2 /NDF: 667093.7/35

All: 791.622 $\pm$ 0.088 χ^2 /NDF: 692044.4/68

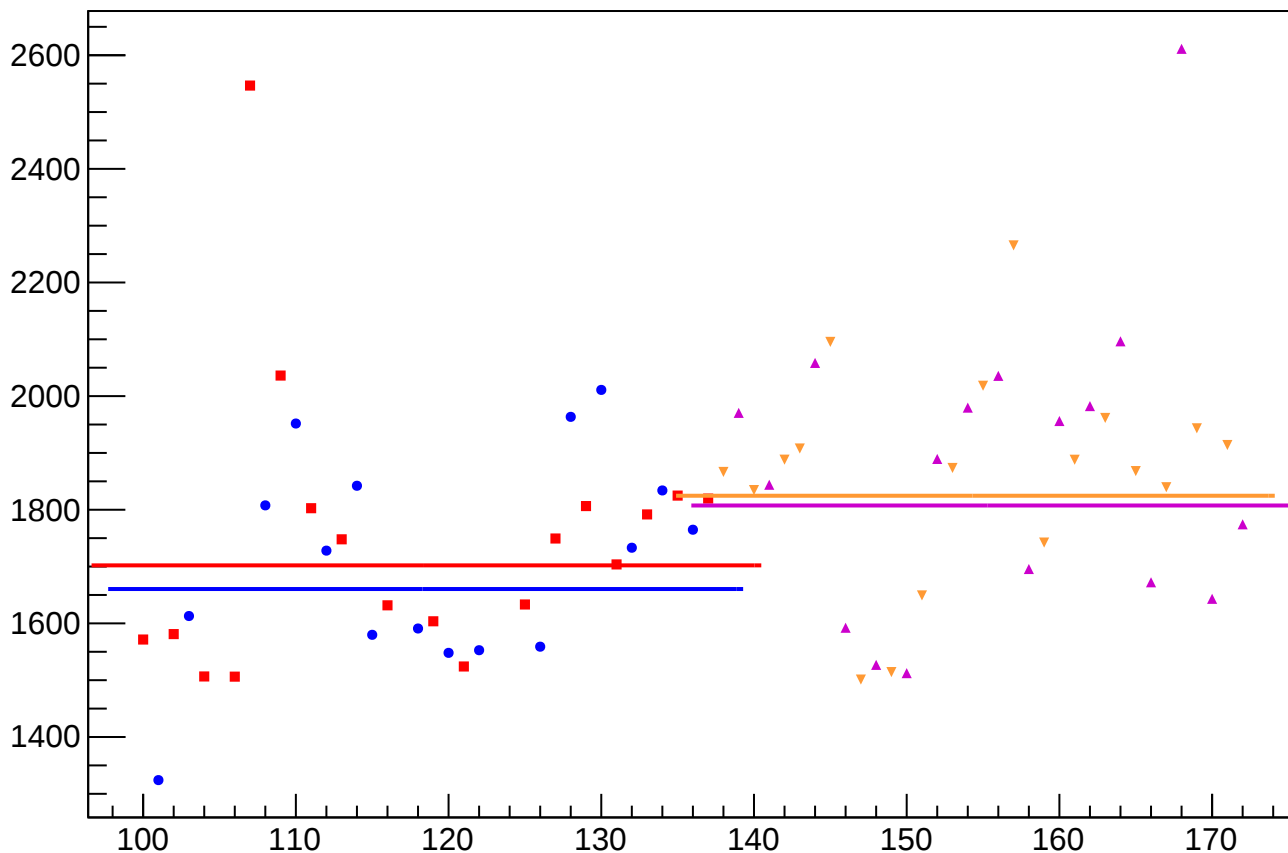
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522+/-647.361 χ^2/NDF : 16.8/15
 Left Out: -1912.885+/-498.106 χ^2/NDF : 16.7/17
 Right Out: -2228.093+/-648.044 χ^2/NDF : 11.8/17
 Left In: -2008.411+/-498.996 χ^2/NDF : 19.4/16

Left: -1960.563+/-352.529 χ^2/NDF : 36.1/34
 Right: -2706.812+/-457.995 χ^2/NDF : 29.7/33
 In: -2446.759+/-395.214 χ^2/NDF : 38.3/32
 Out: -2029.948+/-394.925 χ^2/NDF : 28.7/35
 All: -2238.201+/-279.356 χ^2/NDF : 67.5/68

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1824.654+/-0.352 χ^2/NDF : 285654.7/17

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

Left In: 1807.487+/-0.353 χ^2/NDF : 454242.2/16

Left: 1816.086+/-0.249 χ^2/NDF : 741082.6/34

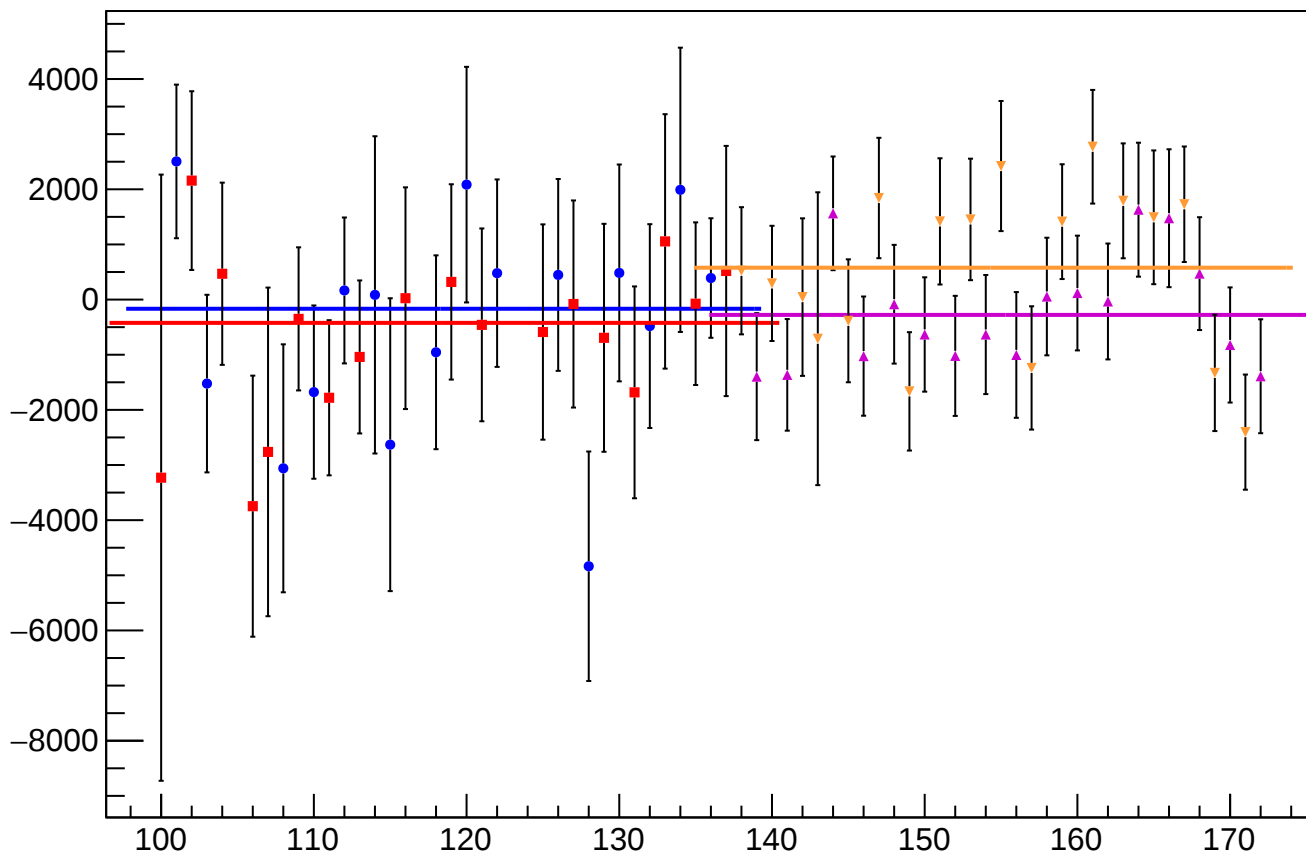
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1752.689+/-0.279 χ^2/NDF : 698160.9/32

Out: 1779.139+/-0.279 χ^2/NDF : 502628.0/35

All: 1765.924+/-0.198 χ^2/NDF : 1205271.1/68

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 578.132 ± 266.209 χ^2/NDF : 32.9/17

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

Left In: -277.833 ± 261.485 χ^2/NDF : 13.6/16

Left: 142.487 ± 186.546 χ^2/NDF : 51.7/34

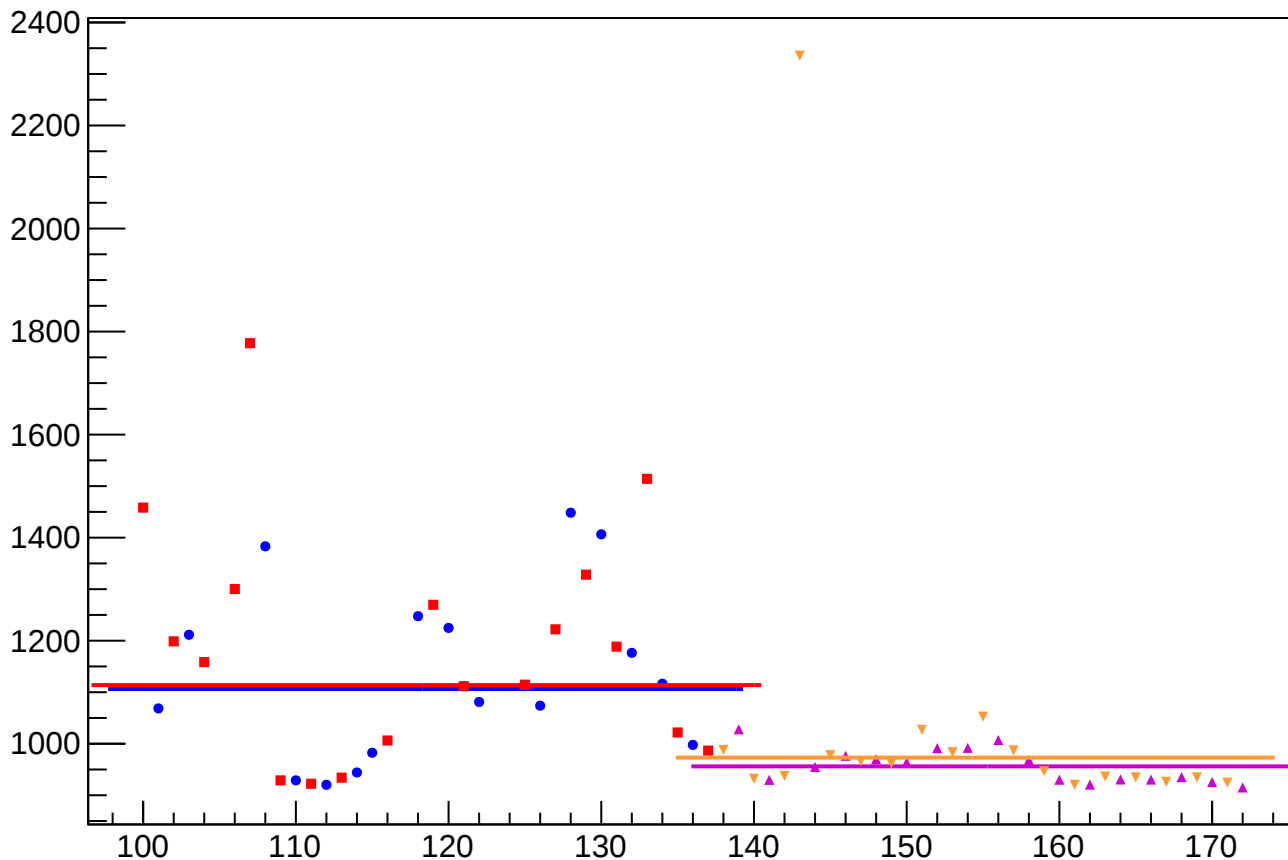
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -248.011 ± 223.792 χ^2/NDF : 29.3/32

Out: 298.406 ± 225.951 χ^2/NDF : 45.0/35

All: 22.575 ± 159.003 χ^2/NDF : 77.2/68

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 ± 0.306 $\chi^2/NDF: 259917.7/15$

Left Out: 973.061 ± 0.188 $\chi^2/NDF: 567646.0/17$

Right Out: 1113.821 ± 0.302 $\chi^2/NDF: 364293.1/17$

Left In: 956.083 ± 0.185 $\chi^2/NDF: 29816.7/16$

Left: 964.420 ± 0.132 $\chi^2/NDF: 601603.0/34$

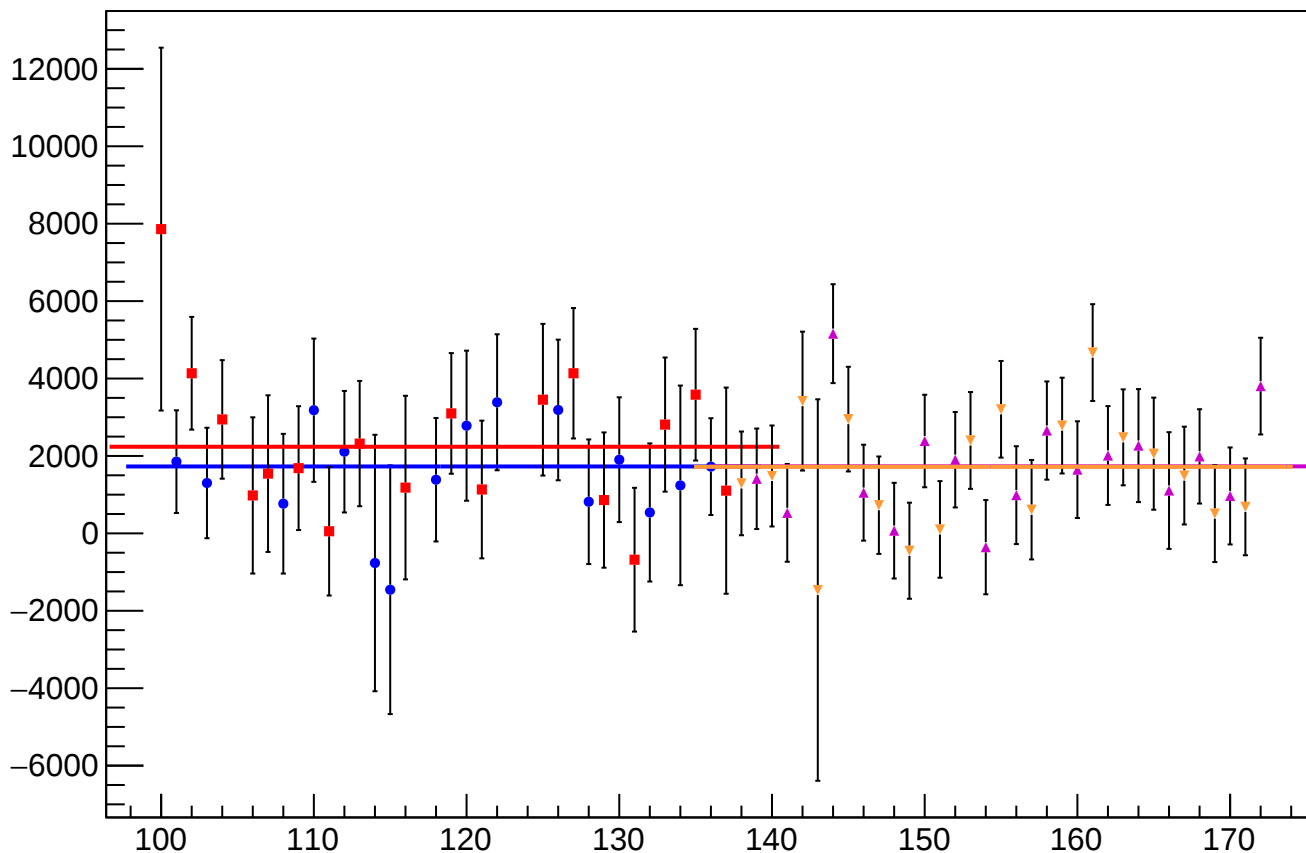
Right: 1110.038 ± 0.215 $\chi^2/NDF: 624528.4/33$

In: 996.231 ± 0.158 $\chi^2/NDF: 465978.2/32$

Out: 1012.416 ± 0.160 $\chi^2/NDF: 1088275.4/35$

All: 1004.246 ± 0.112 $\chi^2/NDF: 1559433.3/68$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1720.112 $\pm$ 313.442 χ^2 /NDF:18.5/17

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

Left In: 1731.659 $\pm$ 308.086 χ^2 /NDF:17.9/16

Left: 1725.985 $\pm$ 219.719 χ^2 /NDF: 36.4/34

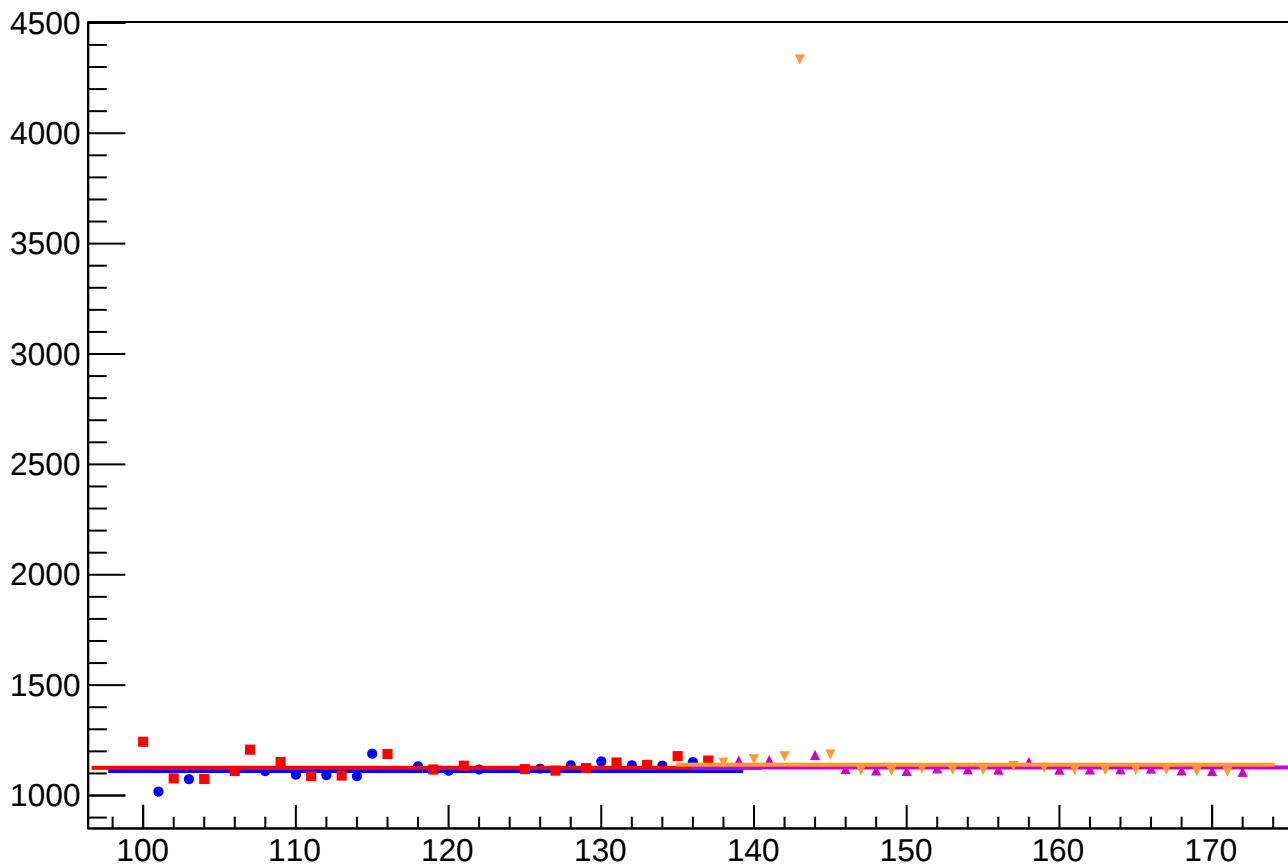
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1730.574 $\pm$ 250.401 χ^2 /NDF:23.2/32

Out: 1902.197 $\pm$ 252.353 χ^2 /NDF:31.7/35

All: 1815.719 $\pm$ 177.746 χ^2 /NDF: 55.2/68

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1139.847+/-0.222 χ^2/NDF : 853856.7/17

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

Left In: 1127.086+/-0.218 χ^2/NDF : 9570.8/16

Left: 1133.356+/-0.155 χ^2/NDF : 865113.4/34

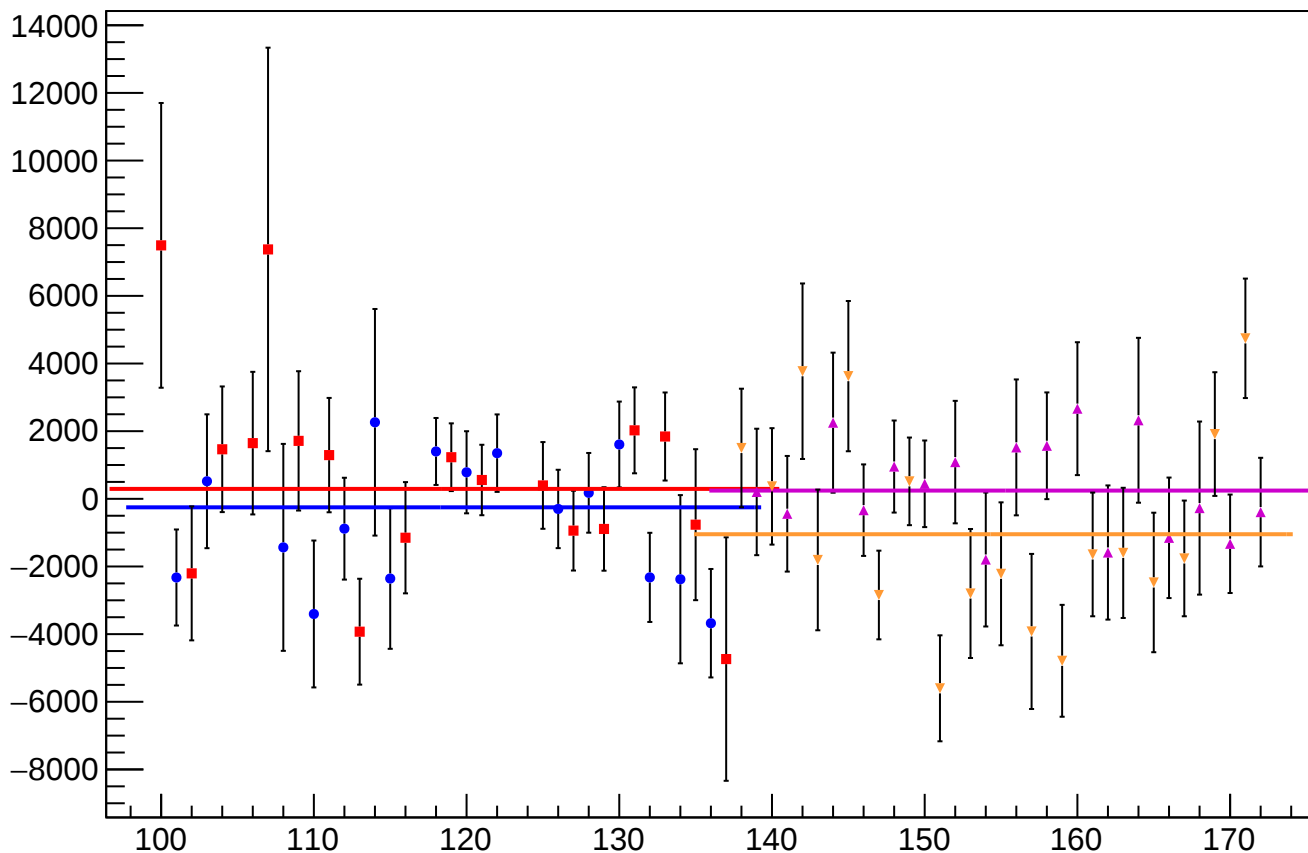
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1121.641+/-0.177 χ^2/NDF : 29502.8/32

Out: 1134.798+/-0.178 χ^2/NDF : 871212.5/35

All: 1128.168+/-0.126 χ^2/NDF : 903454.8/68

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2 /NDF: 21.8/15

Left Out: -1046.460 $\pm$ 420.618 χ^2 /NDF:44.7/17

Right Out: 293.658 $\pm$ 362.490 χ^2 /NDF: 24.0/17

Left In: 243.925 $\pm$ 416.002 χ^2 /NDF:9.0/16

Left: -394.148 $\pm$ 295.777 χ^2 /NDF: 58.5/34

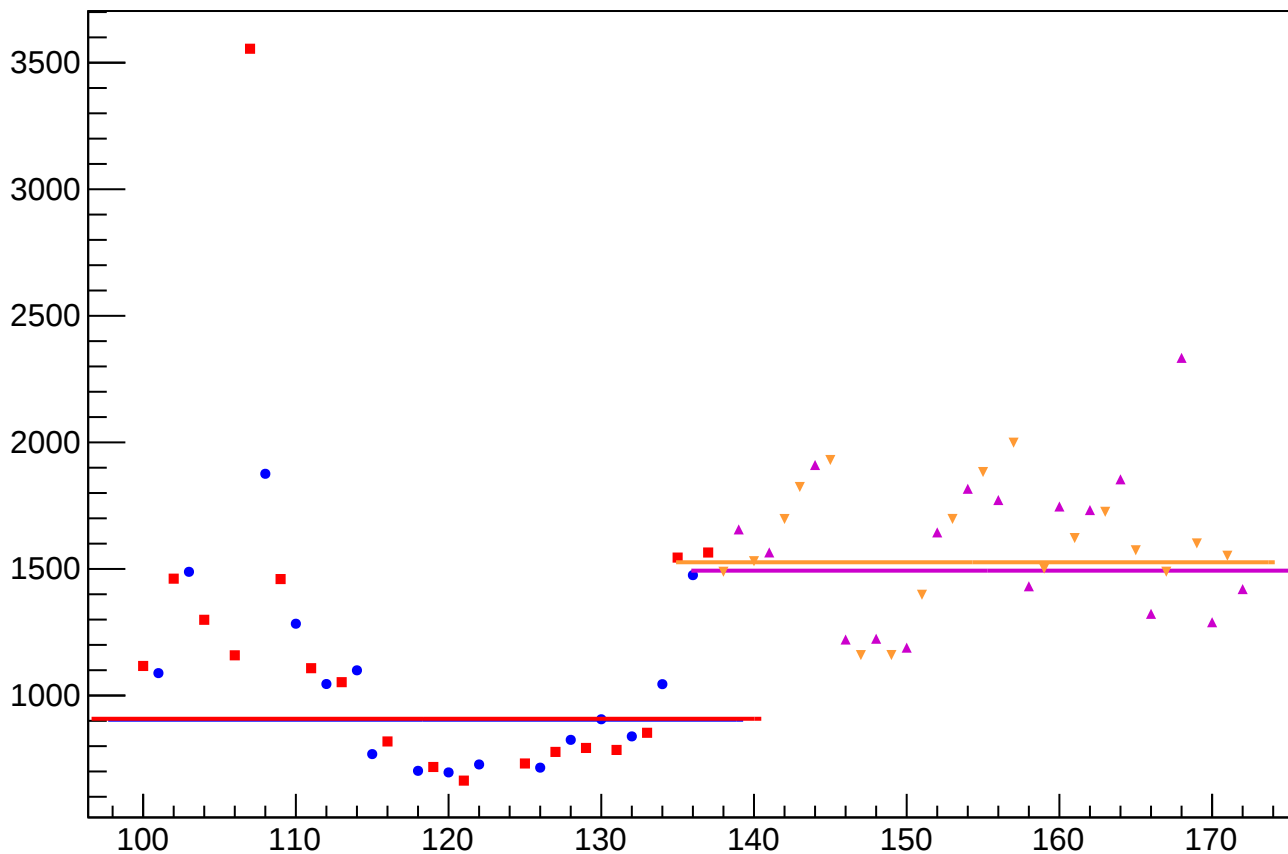
Right: 23.010 $\pm$ 257.185 χ^2 /NDF: 47.0/33

In: -35.938 $\pm$ 274.343 χ^2 /NDF:31.7/32

Out: -277.472 $\pm$ 274.590 χ^2 /NDF:74.5/35

All: -156.596 $\pm$ 194.077 χ^2 /NDF: 106.6/68

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1526.412 ± 0.297 χ^2/NDF : 637920.8/17

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

Left In: 1493.267 ± 0.294 χ^2/NDF : 864803.3/16

Left: 1509.657 ± 0.209 χ^2/NDF : 1509002.2/34

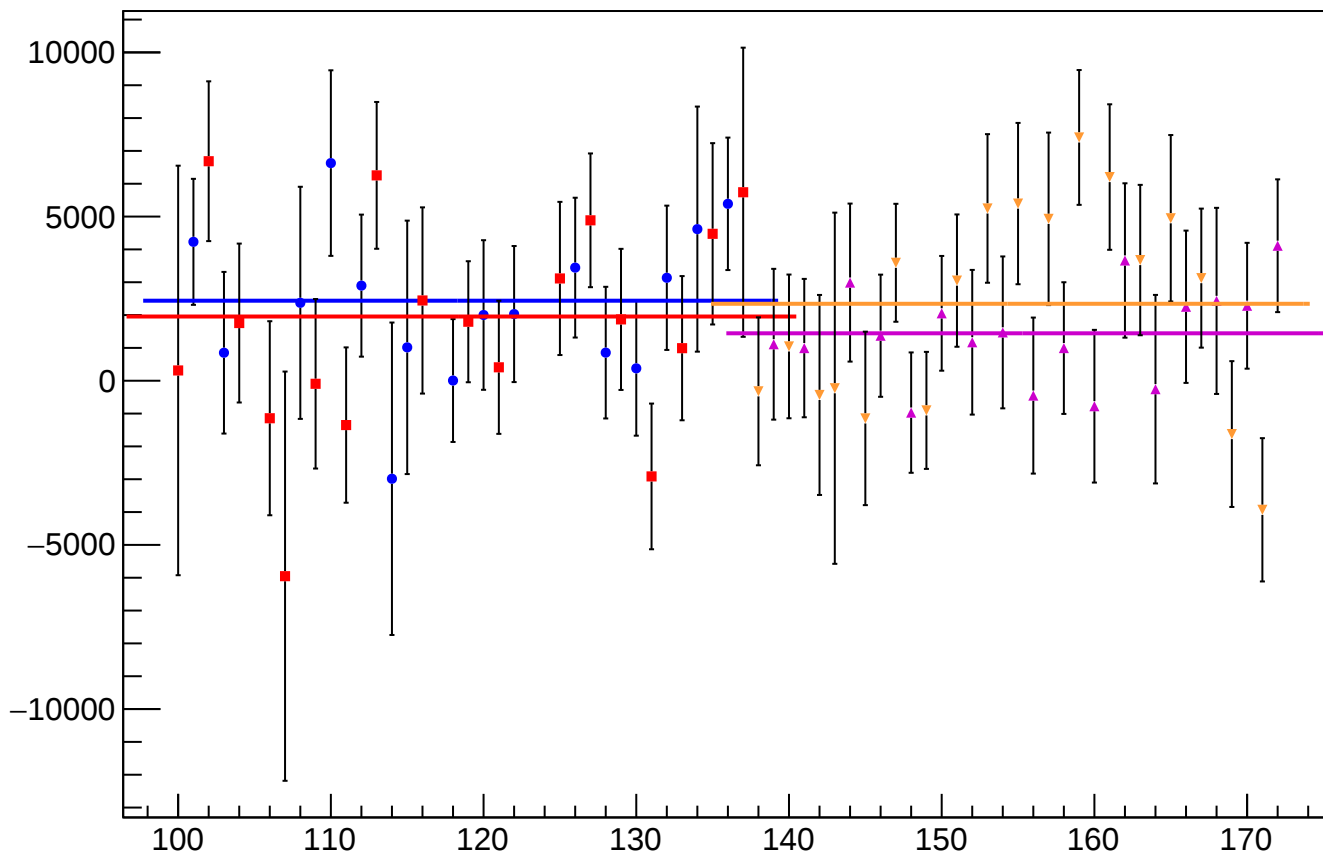
Right: 906.333 ± 0.182 χ^2/NDF : 2402221.4/33

In: 1160.552 ± 0.194 χ^2/NDF : 4149821.4/32

Out: 1171.642 ± 0.194 χ^2/NDF : 4498487.3/35

All: 1166.092 ± 0.137 χ^2/NDF : 8649941.2/68

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2343.582+/-535.146 χ^2/NDF : 34.8/17

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

Left In: 1444.753+/-524.531 χ^2/NDF : 7.4/16

Left: 1885.164+/-374.596 χ^2/NDF : 43.6/34

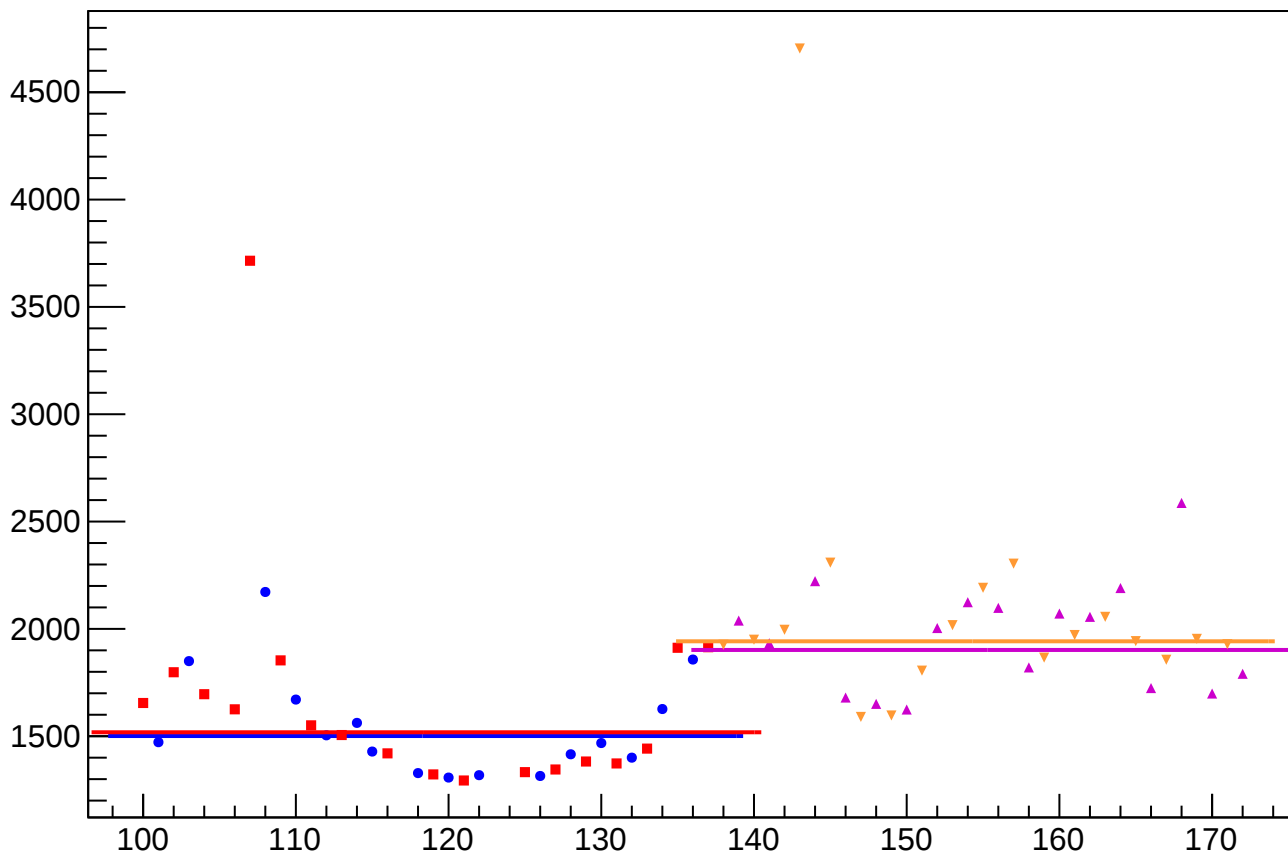
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1886.155+/-390.899 χ^2/NDF : 20.1/32

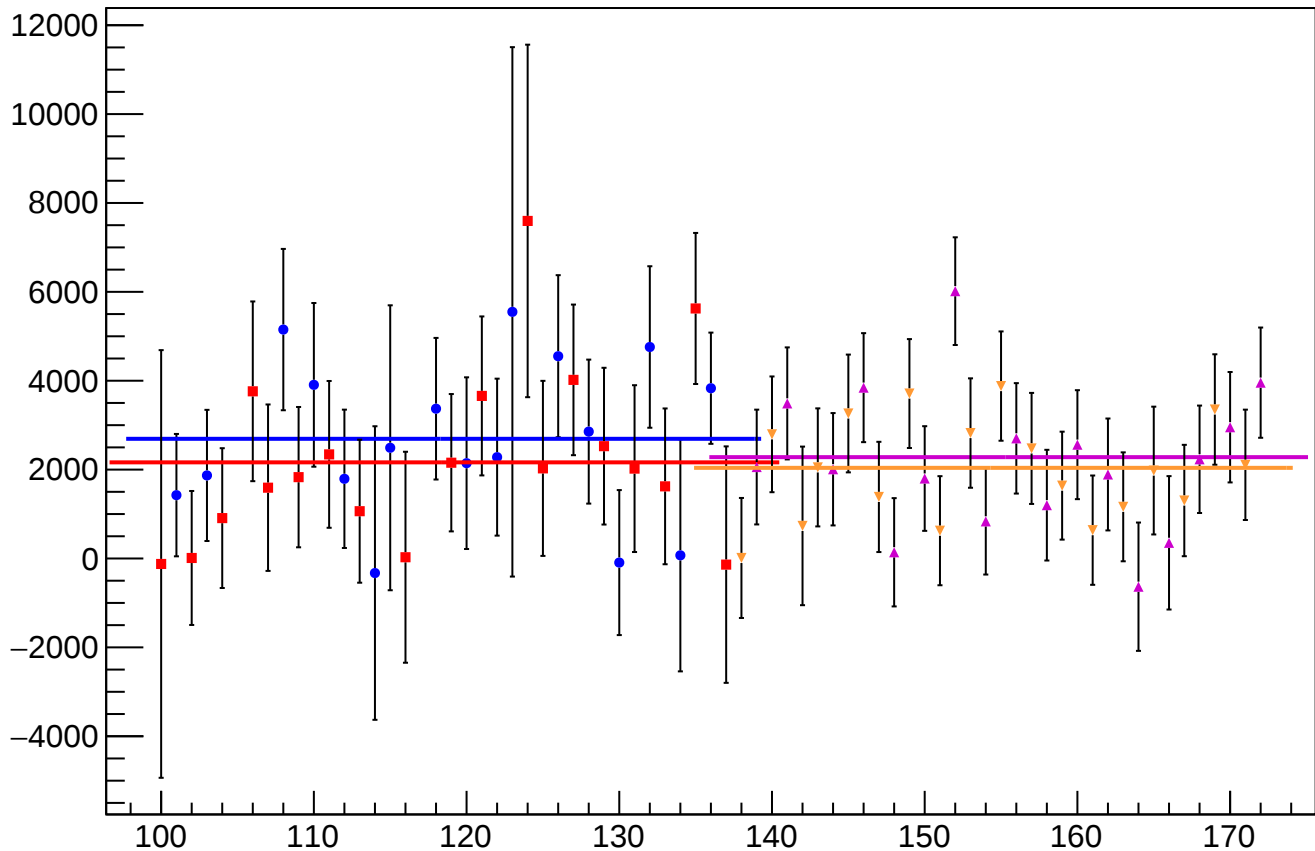
Out: 2166.665+/-394.574 χ^2/NDF : 57.4/35

All: 2025.098+/-277.698 χ^2/NDF : 77.7/68

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2039.710 $\pm$ 302.176 χ^2 /NDF:13.6/17

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

Left In: 2280.411 $\pm$ 304.458 χ^2 /NDF:25.7/16

Left: 2159.155 $\pm$ 214.473 χ^2 /NDF: 39.6/34

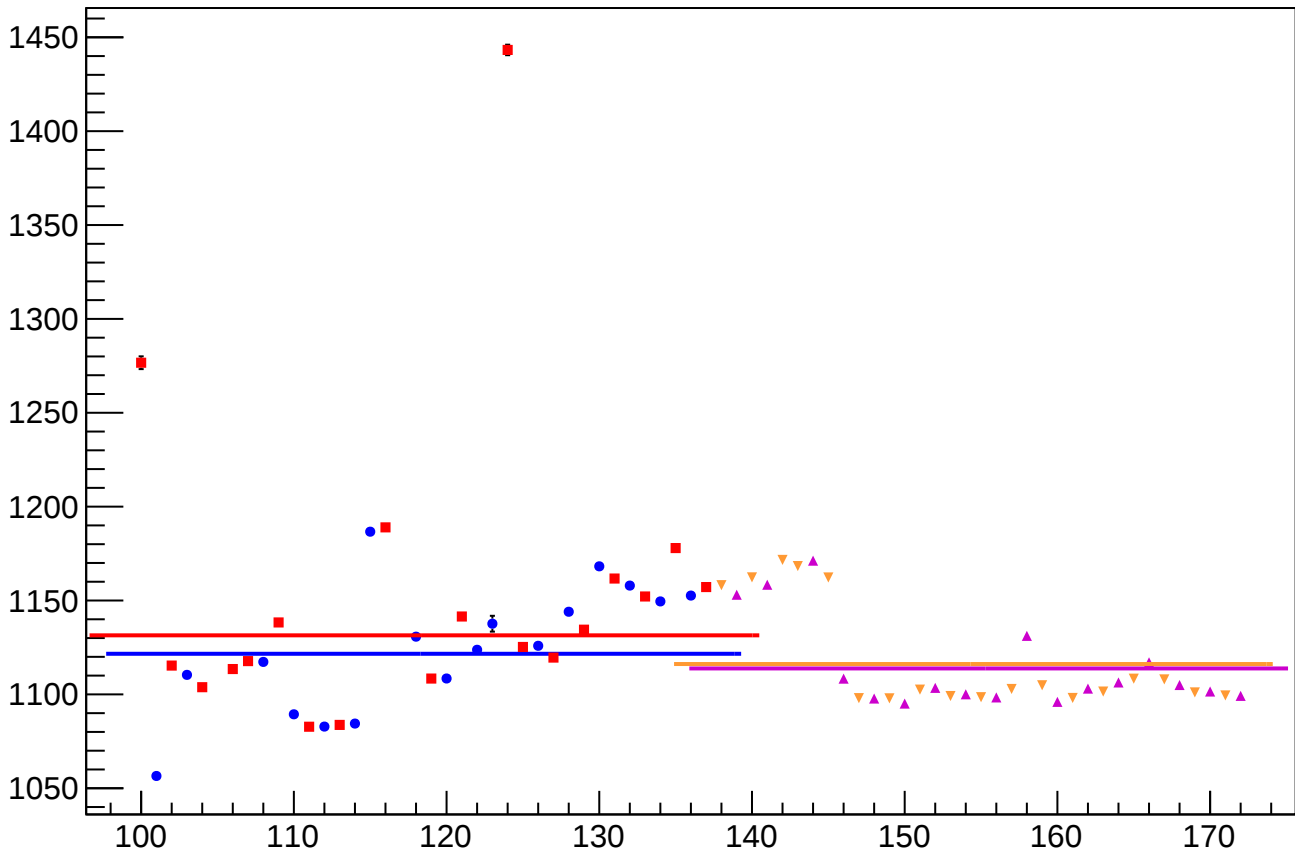
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2417.072 $\pm$ 248.981 χ^2 /NDF:38.5/33

Out: 2081.300 $\pm$ 246.038 χ^2 /NDF:27.4/36

All: 2247.190 $\pm$ 175.006 χ^2 /NDF: 66.9/70

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1116.169 ± 0.214 $\chi^2/\text{NDF}: 15723.7/17$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1113.812 ± 0.215 $\chi^2/\text{NDF}: 11683.9/16$

Left: 1114.999 ± 0.152 $\chi^2/\text{NDF}: 27468.0/34$

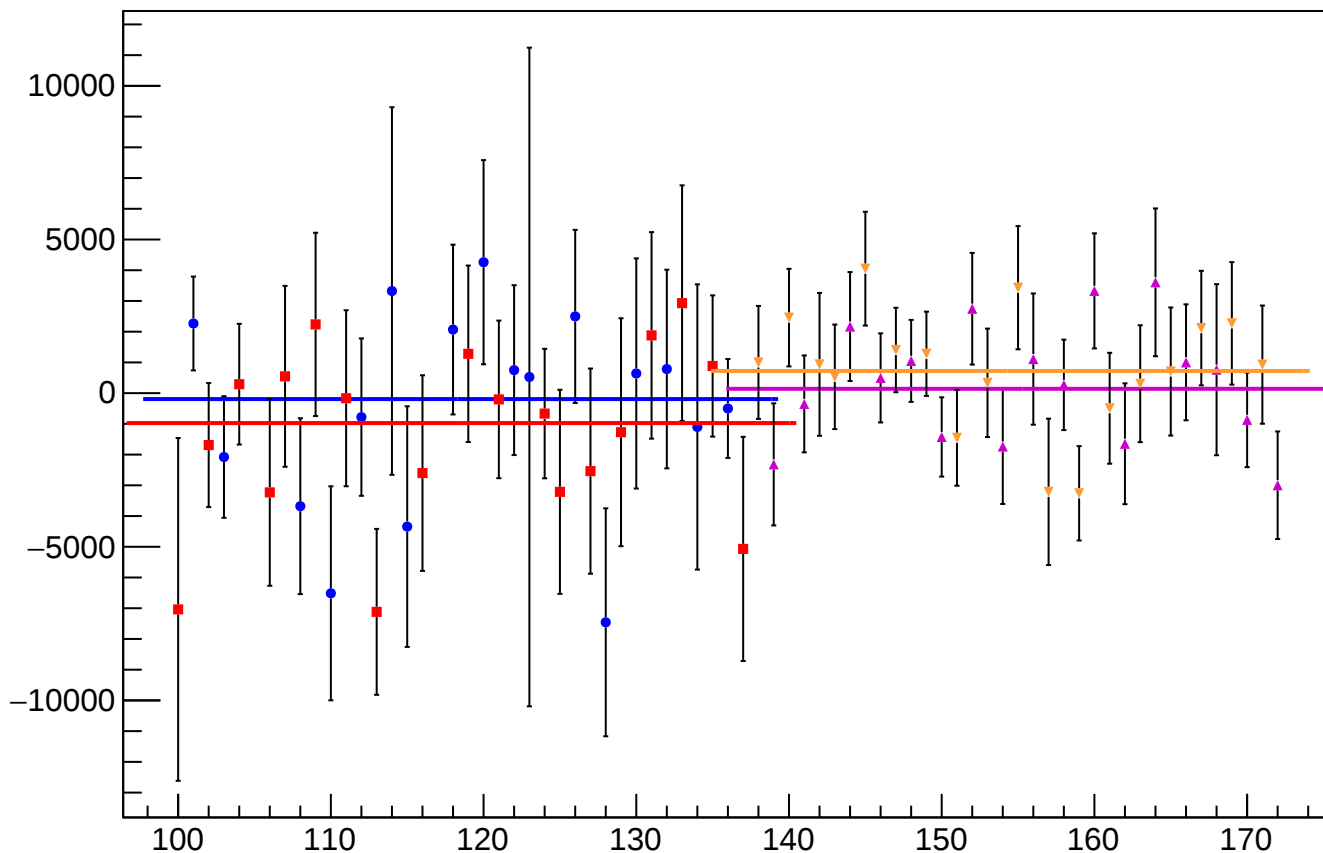
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1116.400 ± 0.176 $\chi^2/\text{NDF}: 24100.6/33$

Out: 1121.320 ± 0.174 $\chi^2/\text{NDF}: 40559.4/36$

All: 1118.889 ± 0.124 $\chi^2/\text{NDF}: 65055.2/70$

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2 /NDF: 17.4/16

Left Out: 722.491 $\pm$ 415.902 χ^2 /NDF:19.8/17

Right Out: -973.263 $\pm$ 645.048 χ^2 /NDF: 14.3/18

Left In: 141.256 $\pm$ 416.742 χ^2 /NDF:17.9/16

Left: 432.460 $\pm$ 294.384 χ^2 /NDF: 38.7/34

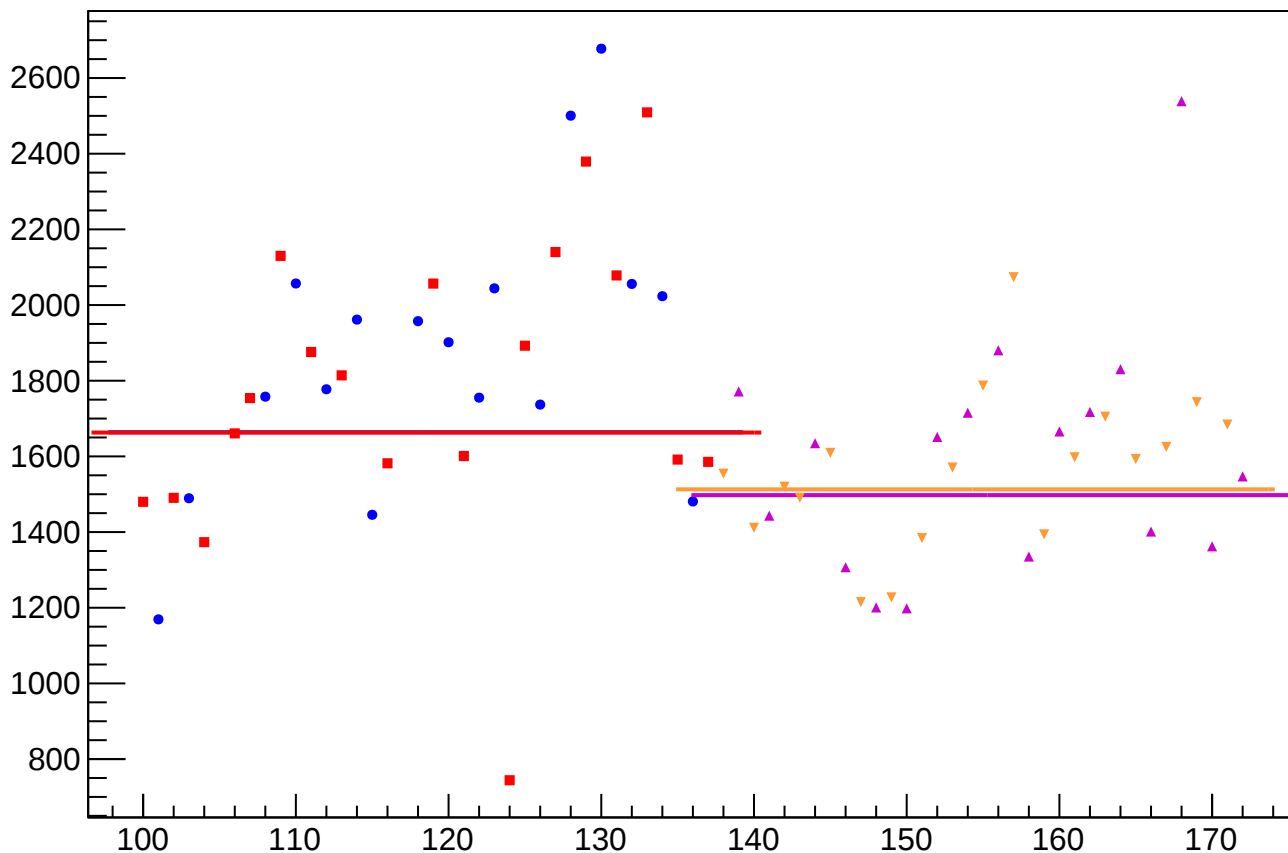
Right: -592.444 $\pm$ 461.436 χ^2 /NDF: 32.4/35

In: 45.956 $\pm$ 352.430 χ^2 /NDF:35.5/33

Out: 224.542 $\pm$ 349.545 χ^2 /NDF:39.0/36

All: 135.983 $\pm$ 248.179 χ^2 /NDF: 74.6/70

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.958+/-0.294 χ^2/NDF : 449510.0/17

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

Left In: 1497.677+/-0.295 χ^2/NDF : 805028.7/16

Left: 1505.333+/-0.208 χ^2/NDF : 1255885.9/34

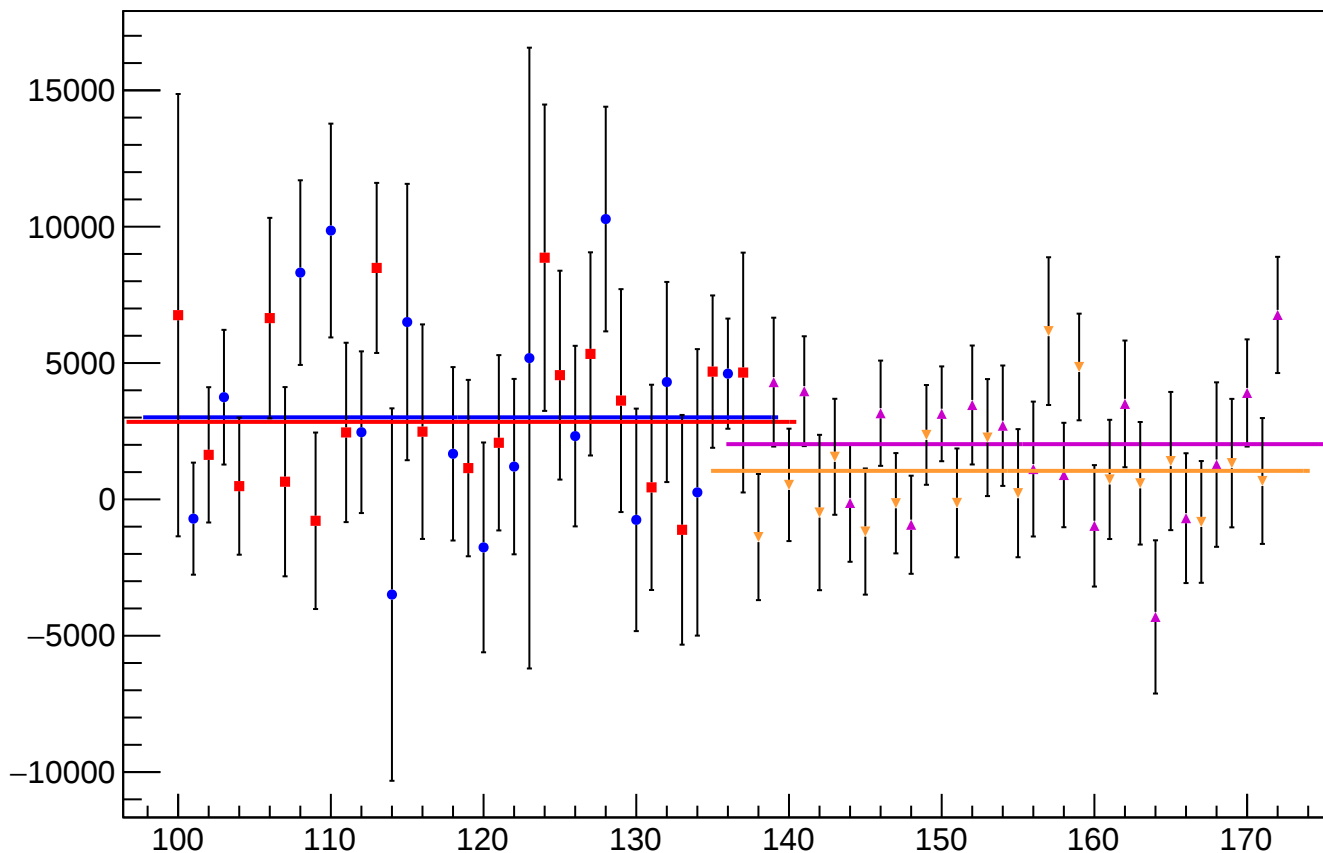
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1544.988+/-0.249 χ^2/NDF : 1518002.4/33

Out: 1557.013+/-0.247 χ^2/NDF : 1330904.9/36

All: 1551.050+/-0.175 χ^2/NDF : 2850081.0/70

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1046.026+/-518.000 χ^2/NDF :12.4/17

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

Left In: 2025.471+/-521.308 χ^2/NDF :21.8/16

Left: 1532.631+/-367.445 χ^2/NDF : 36.0/34

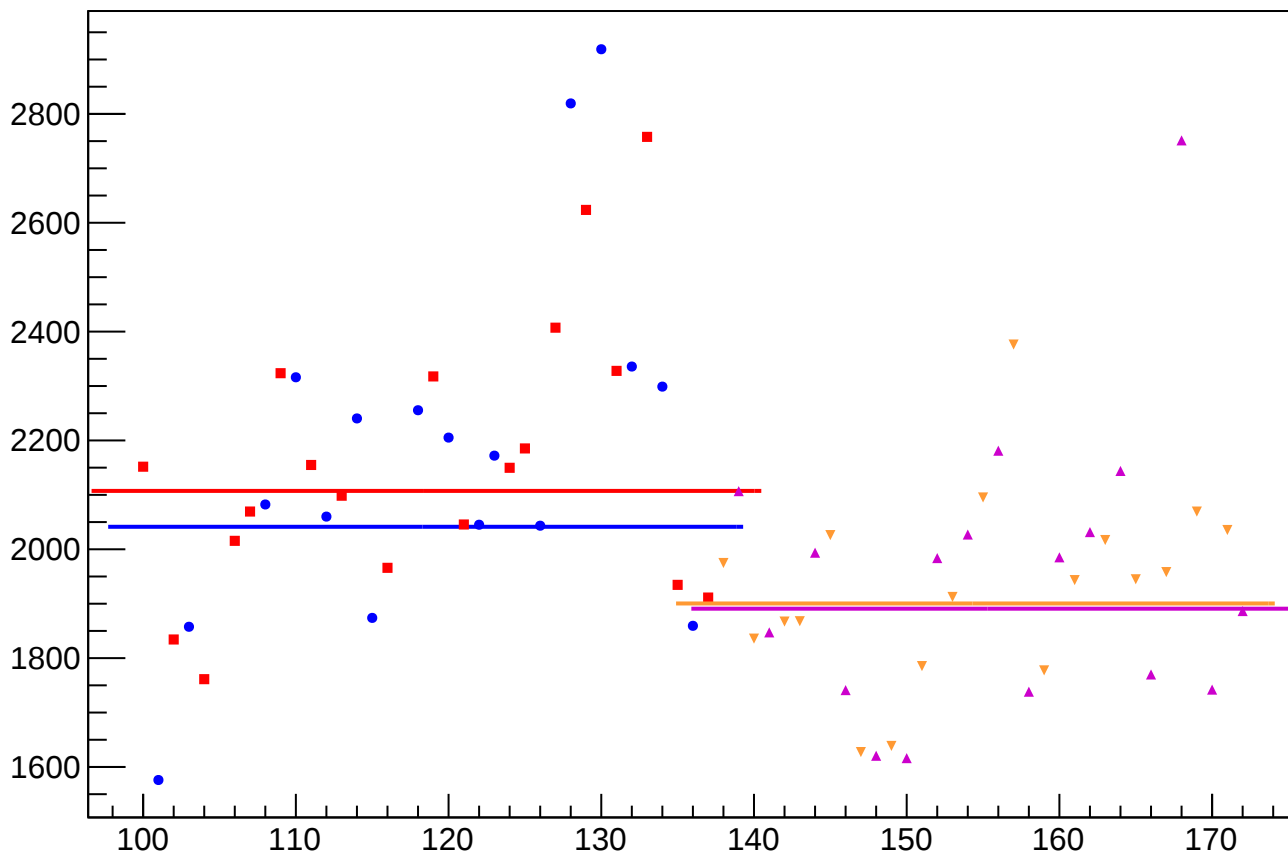
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2318.863+/-436.703 χ^2/NDF :40.3/33

Out: 1580.579+/-434.121 χ^2/NDF :27.4/36

All: 1947.531+/-307.879 χ^2/NDF : 69.1/70

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1900.426 $\pm$ 0.366 χ^2 /NDF:210997.3/17

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1890.836 $\pm$ 0.369 χ^2 /NDF:387334.8/16

Left: 1895.662 $\pm$ 0.260 χ^2 /NDF: 598672.6/34

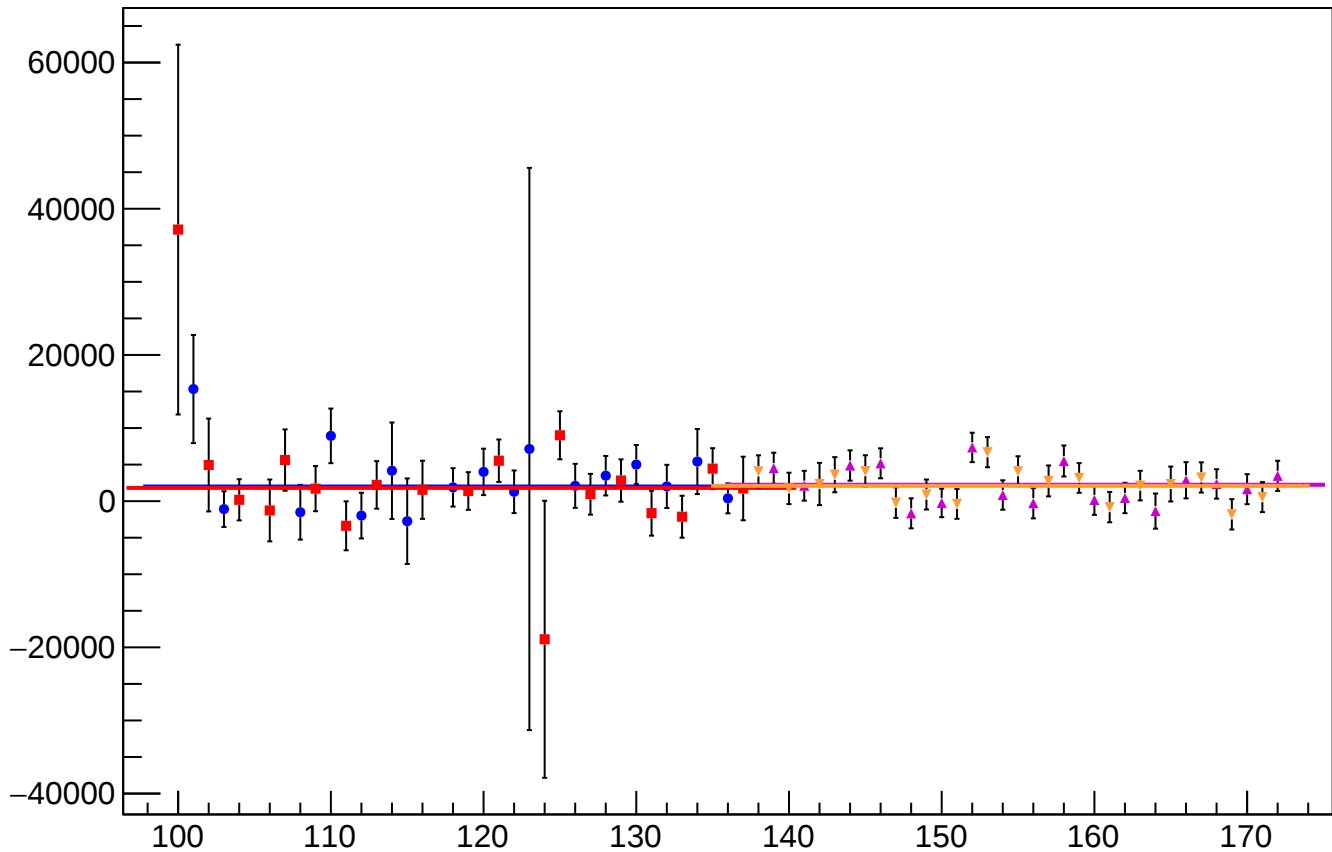
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1935.726 $\pm$ 0.309 χ^2 /NDF:775494.9/33

Out: 1961.993 $\pm$ 0.307 χ^2 /NDF:502702.1/36

All: 1948.937 $\pm$ 0.218 χ^2 /NDF: 1281836.2/70

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2094.981+/-504.318 χ^2/NDF : 17.8/17

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

Left In: 2240.017+/-506.016 χ^2/NDF : 25.3/16

Left: 2167.255+/-357.205 χ^2/NDF : 43.2/34

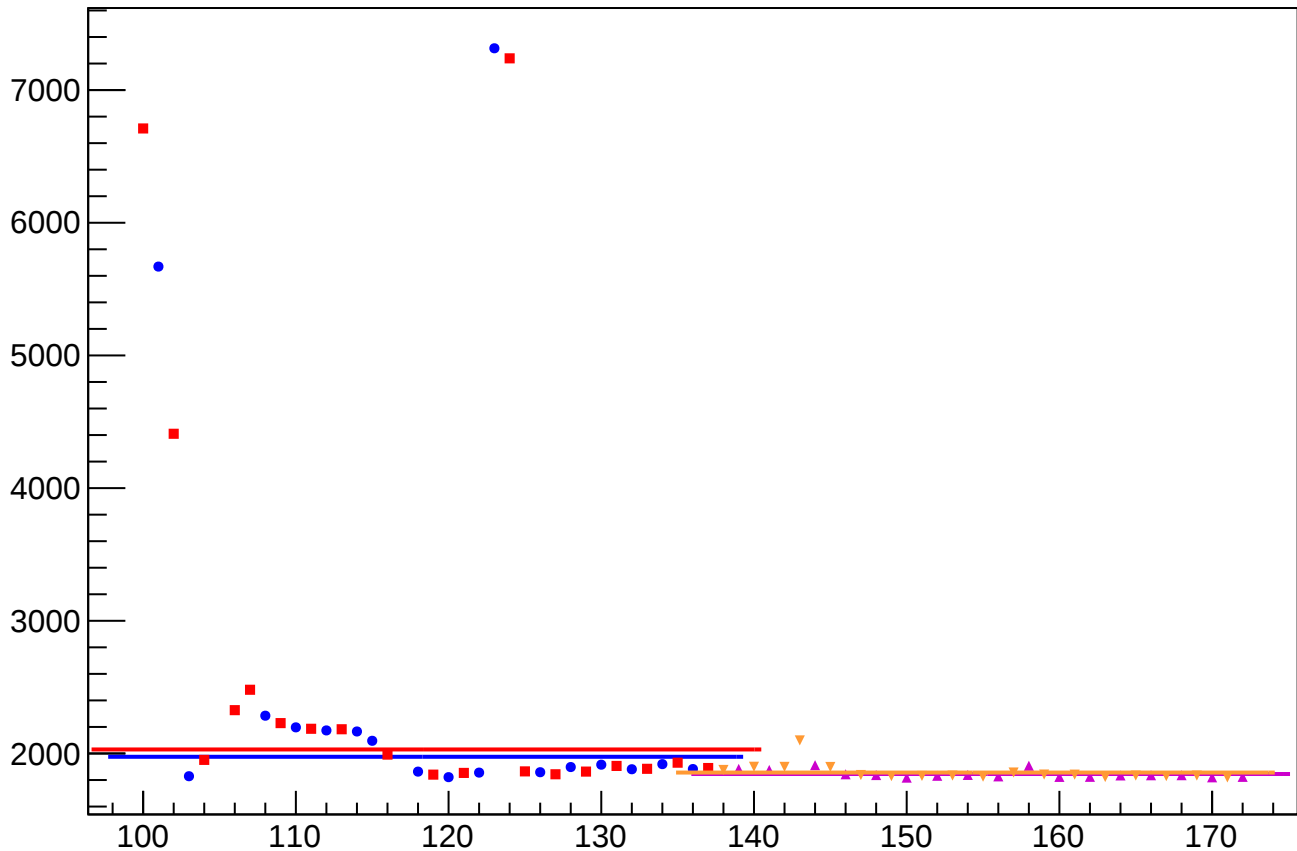
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2169.100+/-424.770 χ^2/NDF : 40.2/33

Out: 2012.830+/-423.740 χ^2/NDF : 36.1/36

All: 2090.775+/-299.993 χ^2/NDF : 76.4/70

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1856.297+/-0.357 χ^2/NDF : 26220.1/17

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

Left In: 1845.361+/-0.358 χ^2/NDF : 6594.1/16

Left: 1850.847+/-0.253 χ^2/NDF : 33282.9/34

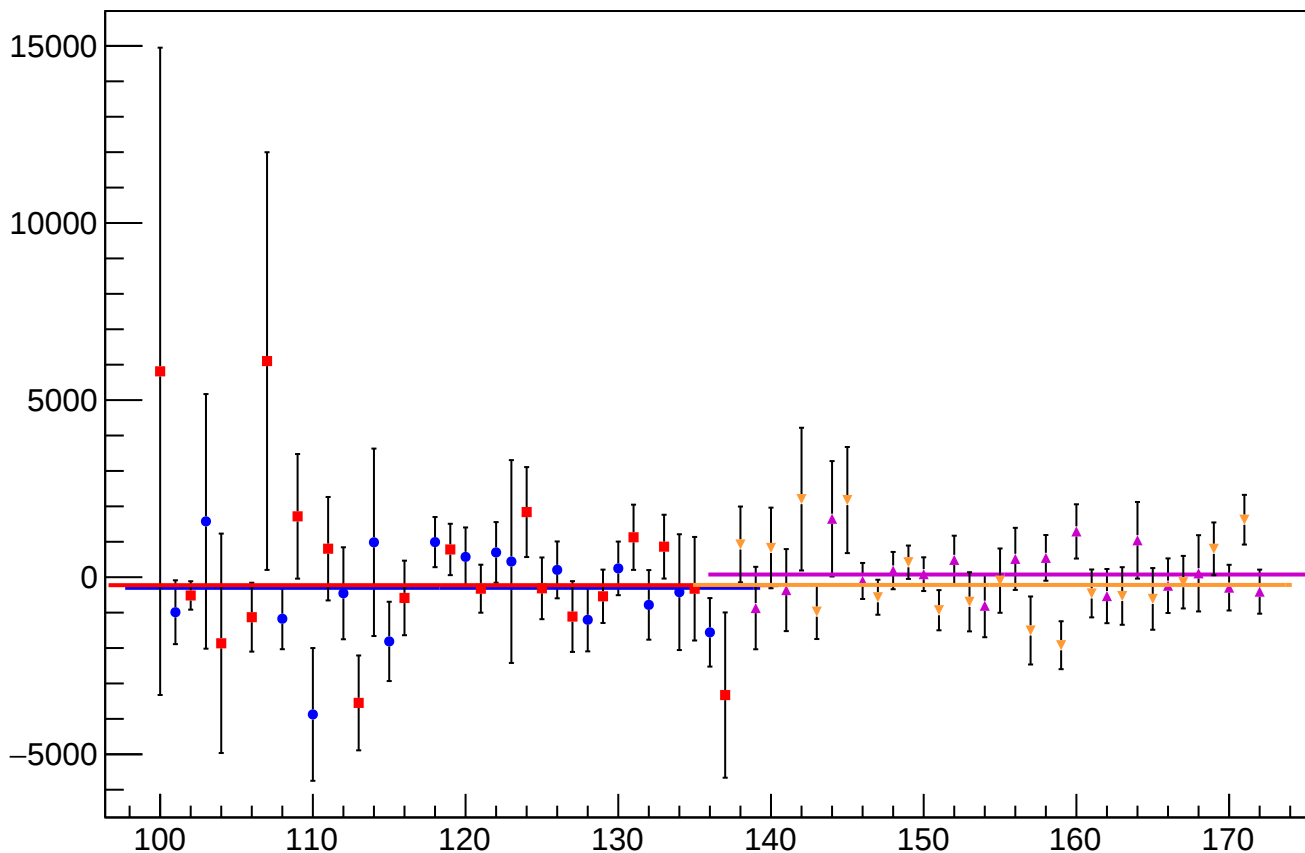
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1883.681+/-0.300 χ^2/NDF : 645261.4/33

Out: 1907.471+/-0.300 χ^2/NDF : 700181.0/36

All: 1895.604+/-0.212 χ^2/NDF : 1348586.7/70

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -218.219 ± 175.920 $\chi^2/\text{NDF}: 28.6/17$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 75.641 ± 174.987 $\chi^2/\text{NDF}: 9.1/16$

Left: -70.508 ± 124.063 $\chi^2/\text{NDF}: 39.1/34$

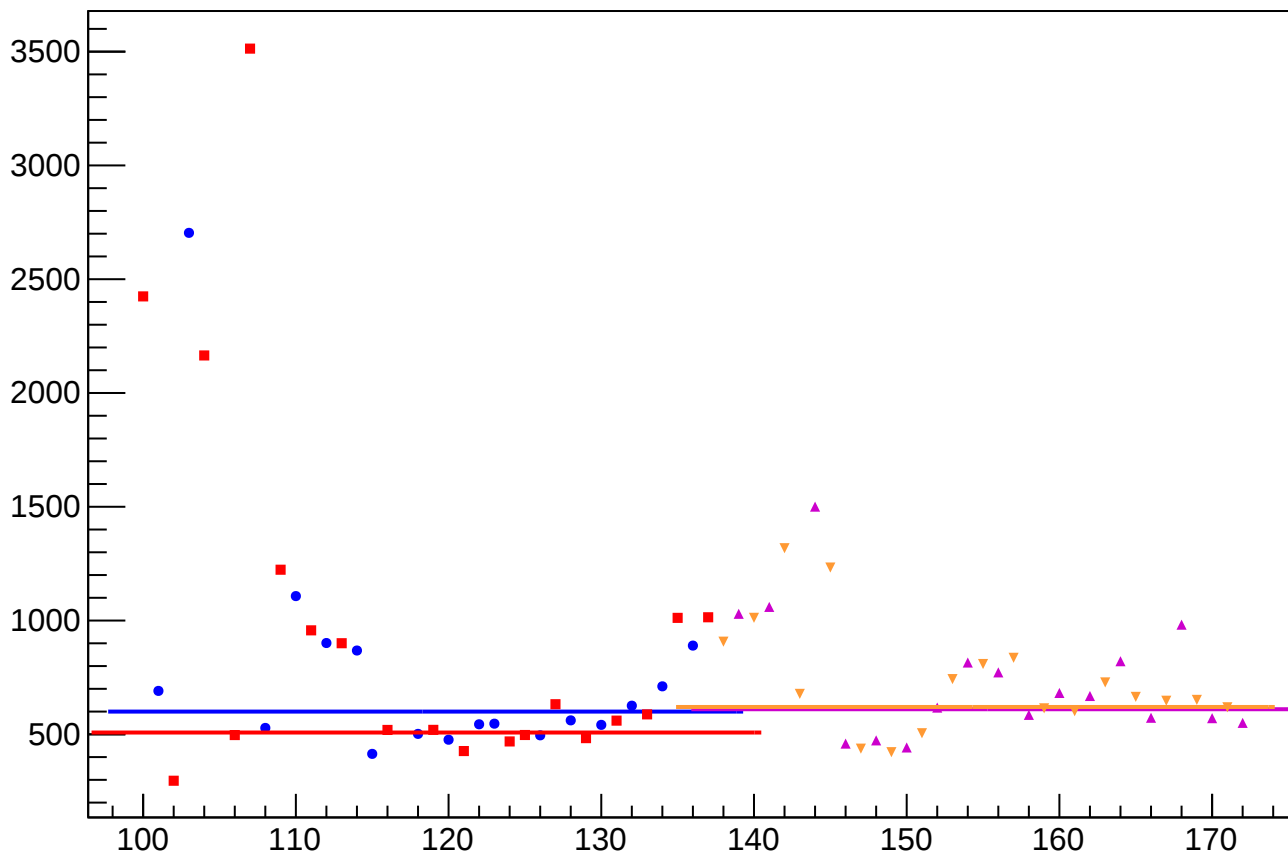
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -50.147 ± 142.711 $\chi^2/\text{NDF}: 28.0/33$

Out: -221.103 ± 136.294 $\chi^2/\text{NDF}: 50.8/36$

All: -139.555 ± 98.565 $\chi^2/\text{NDF}: 79.5/70$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.212+/-0.124 χ^2/NDF :1959056.8/17

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

Left In: 610.304+/-0.124 χ^2/NDF :2271374.1/16

Left: 615.232+/-0.088 χ^2/NDF : 4233619.9/34

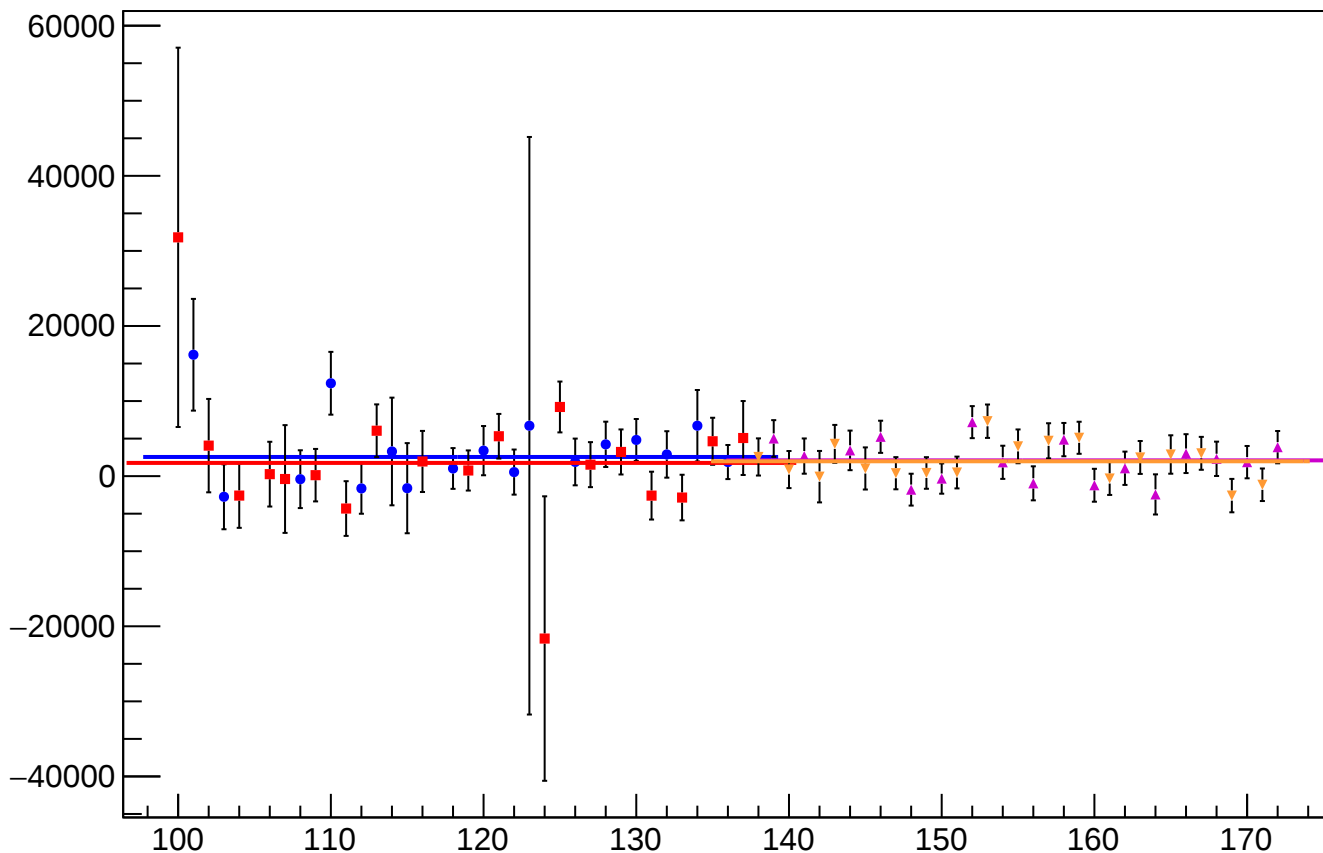
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 606.838+/-0.101 χ^2/NDF :3654766.8/33

Out: 575.331+/-0.096 χ^2/NDF :5133569.1/36

All: 590.360+/-0.070 χ^2/NDF : 8839317.7/70

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1979.705 $\pm$ 545.810 χ^2 /NDF:21.0/17

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

Left In: 2100.571 $\pm$ 548.349 χ^2 /NDF:24.0/16

Left: 2039.857 $\pm$ 386.841 χ^2 /NDF: 45.1/34

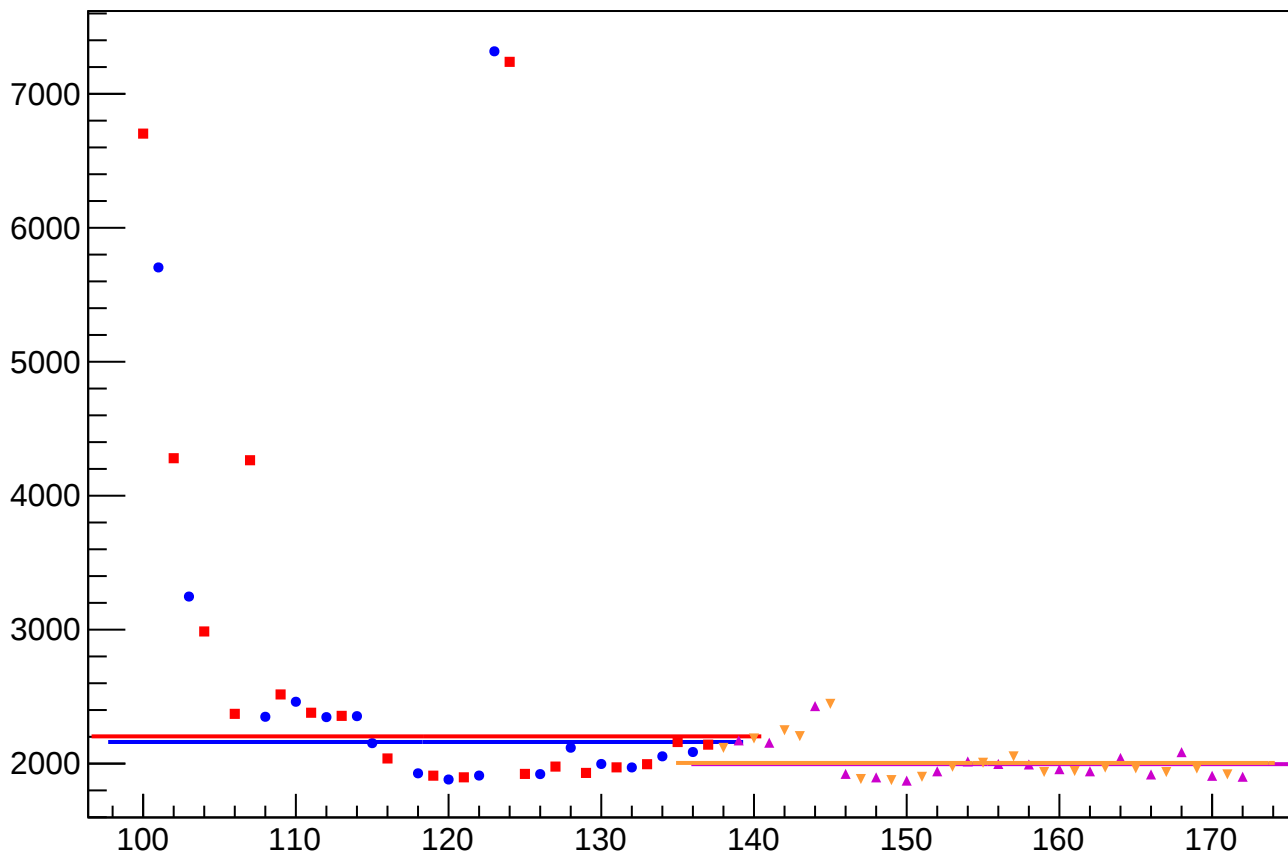
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2231.752 $\pm$ 462.188 χ^2 /NDF:39.9/33

Out: 1916.493 $\pm$ 460.009 χ^2 /NDF:42.0/36

All: 2073.377 $\pm$ 326.043 χ^2 /NDF: 82.2/70

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2005.001+/-0.386 χ^2/NDF : 117153.0/17

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

Left In: 1995.960+/-0.388 χ^2/NDF : 103619.6/16

Left: 2000.501+/-0.274 χ^2/NDF : 221045.7/34

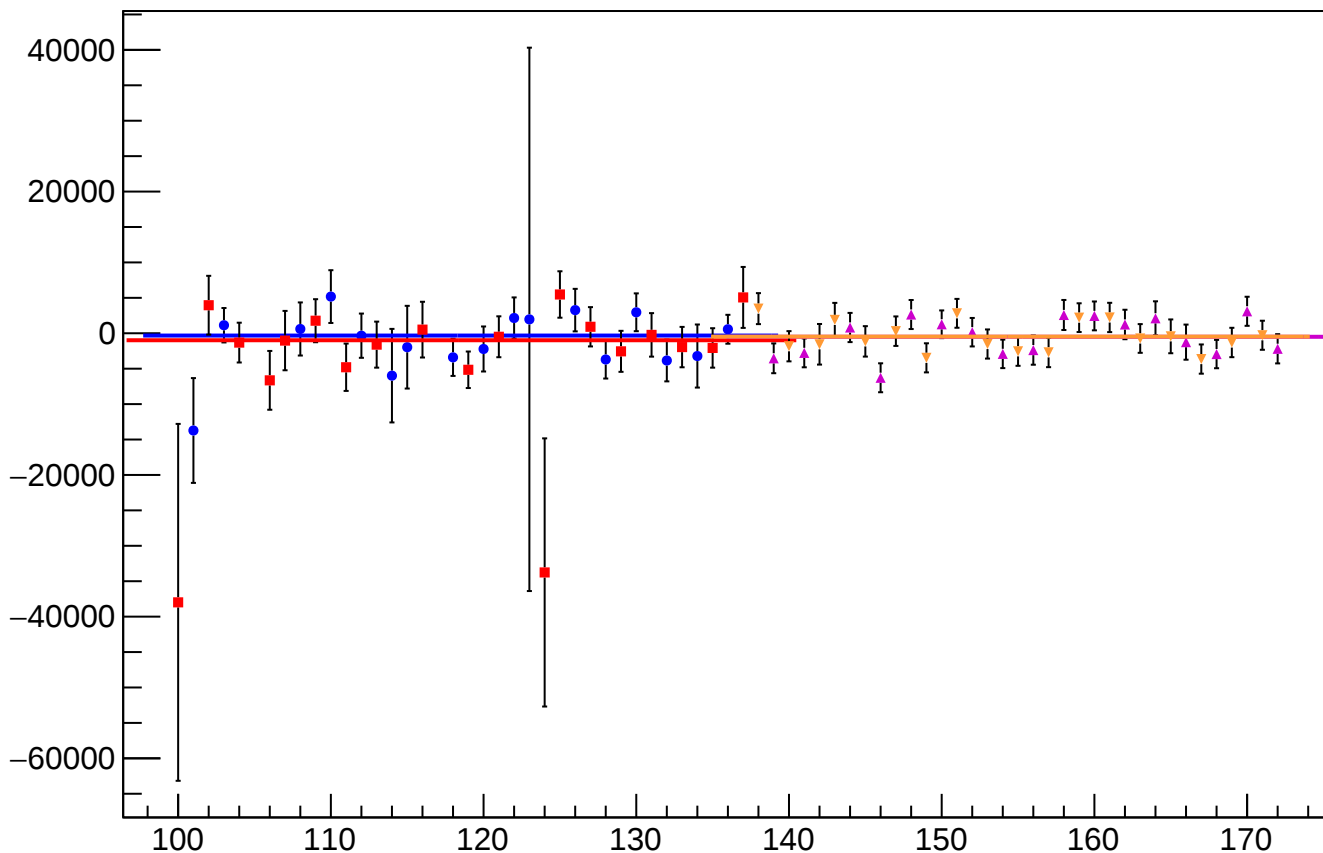
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2043.871+/-0.327 χ^2/NDF : 867601.1/33

Out: 2062.458+/-0.325 χ^2/NDF : 991054.7/36

All: 2053.209+/-0.231 χ^2/NDF : 1860280.8/70

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 $\pm$ 779.509 χ^2 /NDF: 15.7/16

Left Out: -473.090 $\pm$ 502.856 χ^2 /NDF:18.2/17

Right Out: -985.900 $\pm$ 769.924 χ^2 /NDF: 20.4/18

Left In: -498.154 $\pm$ 504.829 χ^2 /NDF:28.7/16

Left: -485.573 $\pm$ 356.268 χ^2 /NDF: 46.9/34

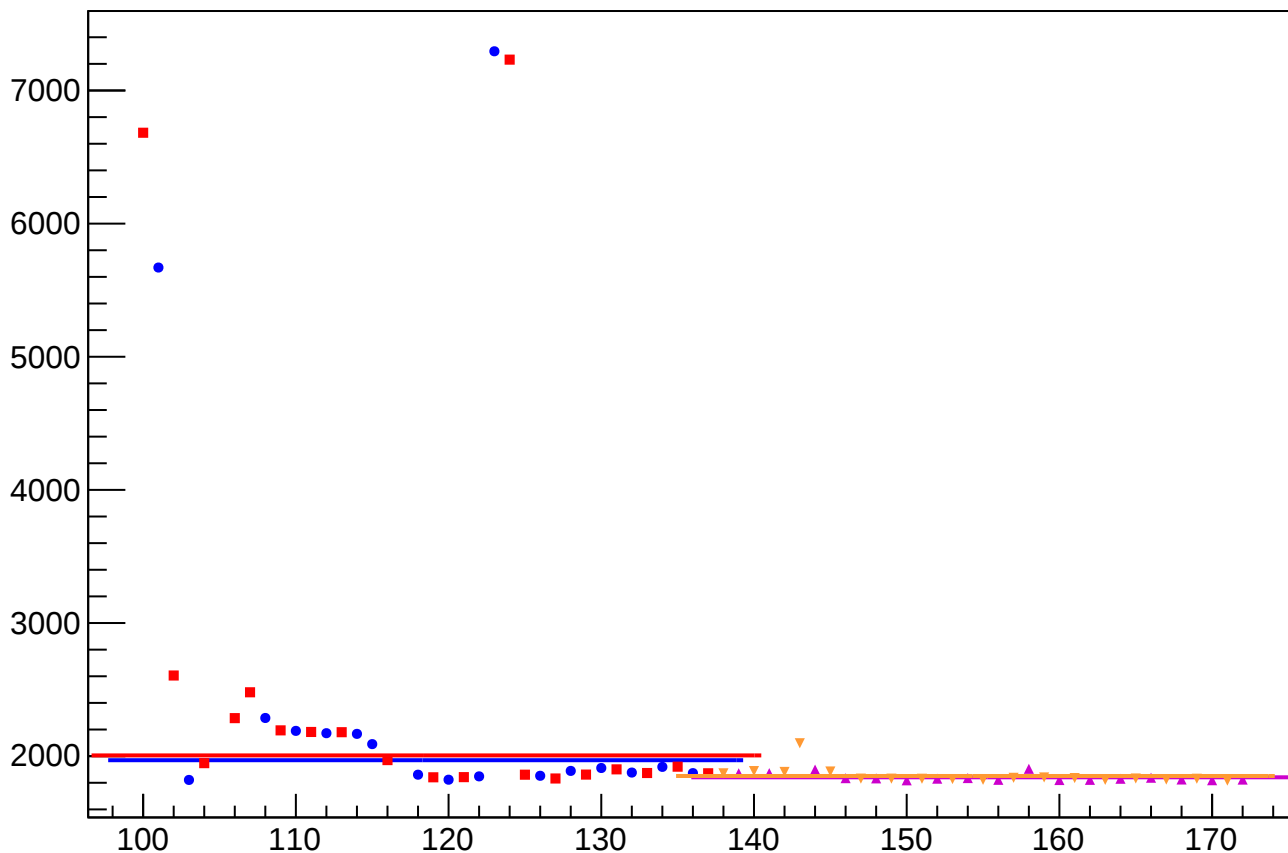
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -446.616 $\pm$ 423.730 χ^2 /NDF:44.5/33

Out: -626.430 $\pm$ 421.014 χ^2 /NDF:38.8/36

All: -537.101 $\pm$ 298.658 χ^2 /NDF: 83.4/70

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.992+/-0.356 χ^2/NDF : 25567.7/17

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

Left In: 1841.087+/-0.357 χ^2/NDF : 5743.5/16

Left: 1846.059+/-0.252 χ^2/NDF : 31697.7/34

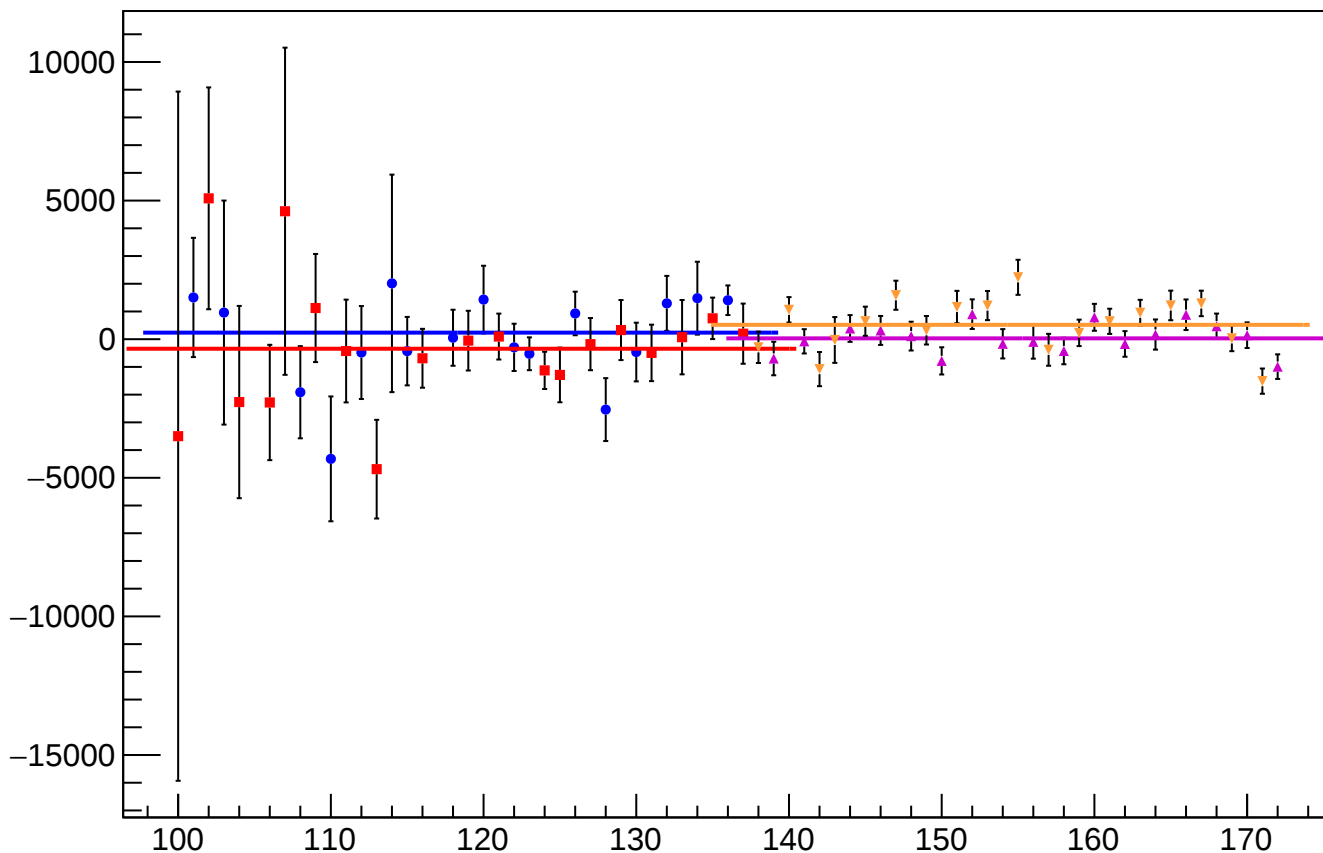
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1879.029+/-0.300 χ^2/NDF : 646788.9/33

Out: 1897.208+/-0.298 χ^2/NDF : 441710.3/36

All: 1888.177+/-0.211 χ^2/NDF : 1090351.7/70

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 518.206 $\pm$ 122.443 χ^2 /NDF:54.6/17

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

Left In: 30.127 $\pm$ 121.204 χ^2 /NDF:20.2/16

Left: 271.685 $\pm$ 86.139 χ^2 /NDF: 82.9/34

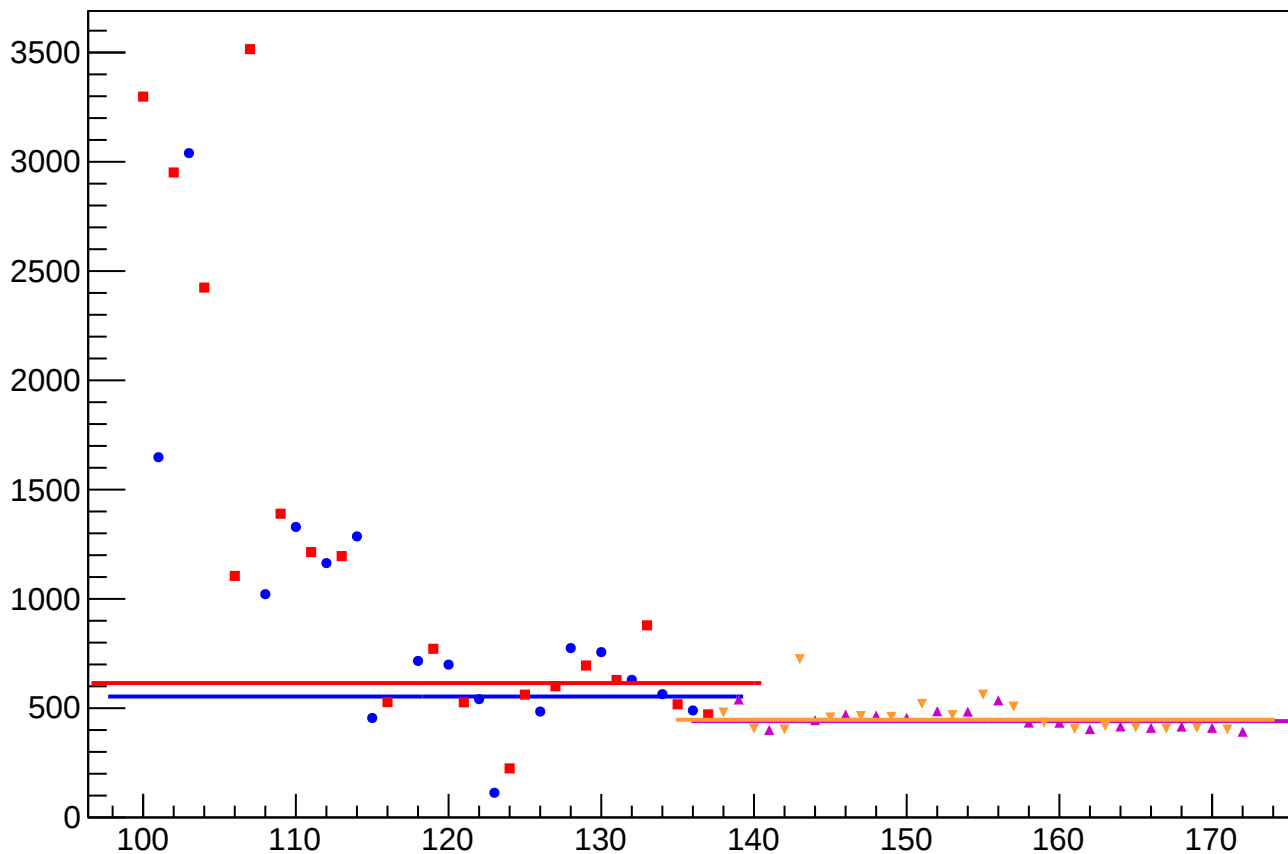
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 69.830 $\pm$ 108.946 χ^2 /NDF:44.6/33

Out: 369.740 $\pm$ 111.407 χ^2 /NDF:79.1/36

All: 216.436 $\pm$ 77.892 χ^2 /NDF: 127.5/70

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 447.105+/-0.087 χ^2/NDF : 467183.9/17

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

Left In: 440.790+/-0.086 χ^2/NDF : 223076.8/16

Left: 443.915+/-0.061 χ^2/NDF : 692947.5/34

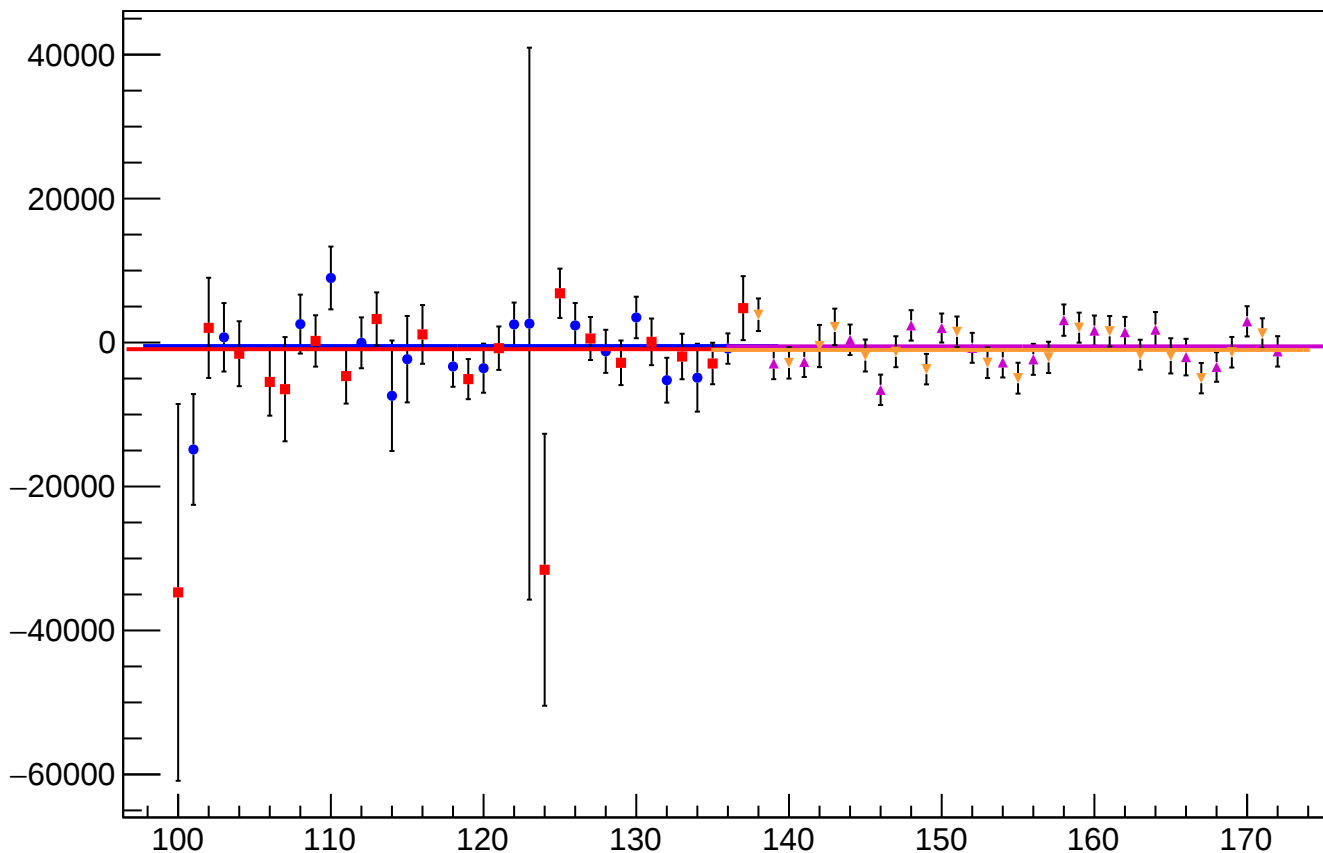
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 462.393+/-0.077 χ^2/NDF : 3966671.7/33

Out: 475.977+/-0.079 χ^2/NDF : 4682799.0/36

All: 469.033+/-0.055 χ^2/NDF : 8664669.1/70

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1027.397+/-518.801 χ^2/NDF : 22.9/17

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

Left In: -532.918+/-519.801 χ^2/NDF : 26.8/16

Left: -780.634+/-367.201 χ^2/NDF : 50.2/34

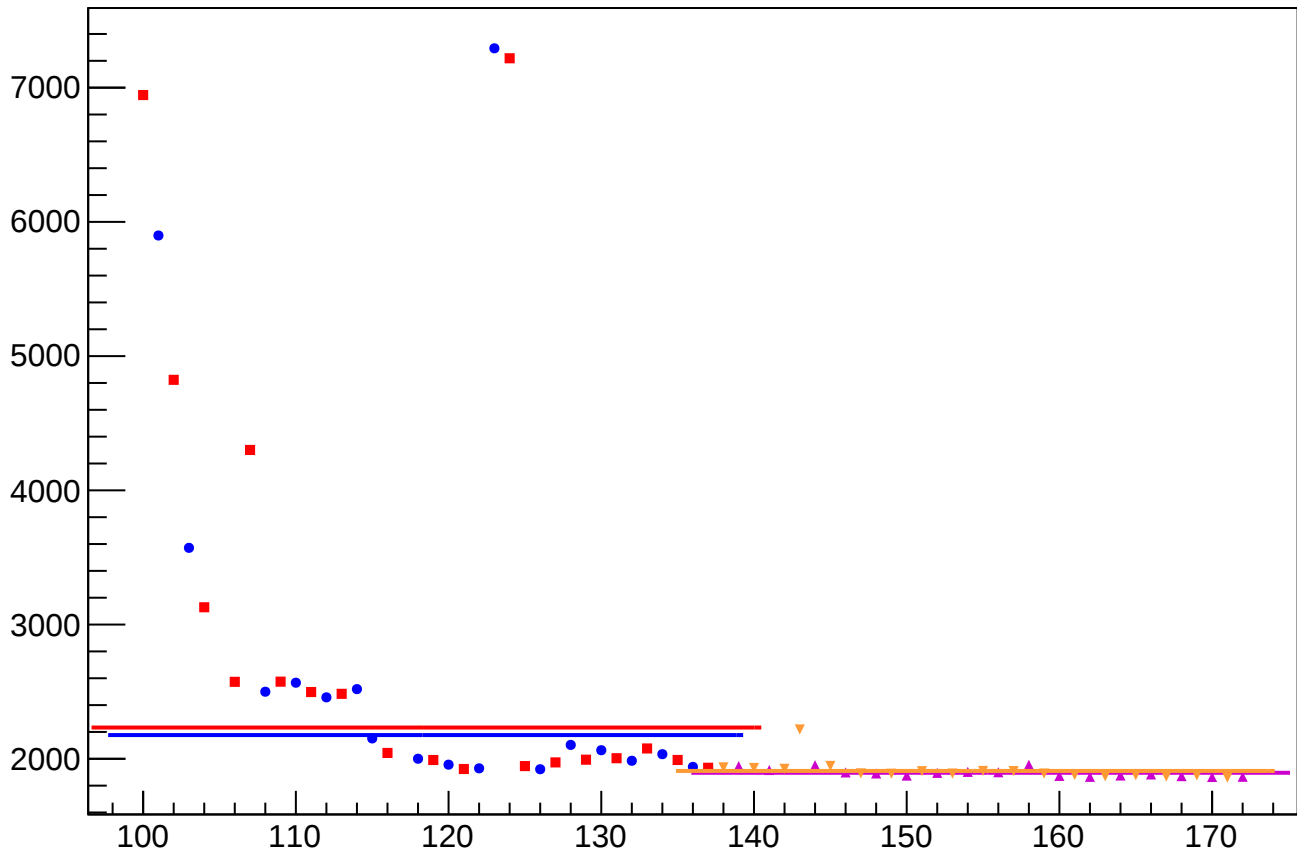
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -522.101+/-445.950 χ^2/NDF : 45.3/33

Out: -999.662+/-445.409 χ^2/NDF : 41.9/36

All: -761.172+/-315.143 χ^2/NDF : 87.8/70

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1909.546 $\pm$ 0.367 χ^2 /NDF: 35245.5/17

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

Left In: 1895.831 $\pm$ 0.368 χ^2 /NDF: 6378.6/16

Left: 1902.702 $\pm$ 0.260 χ^2 /NDF: 42321.7/34

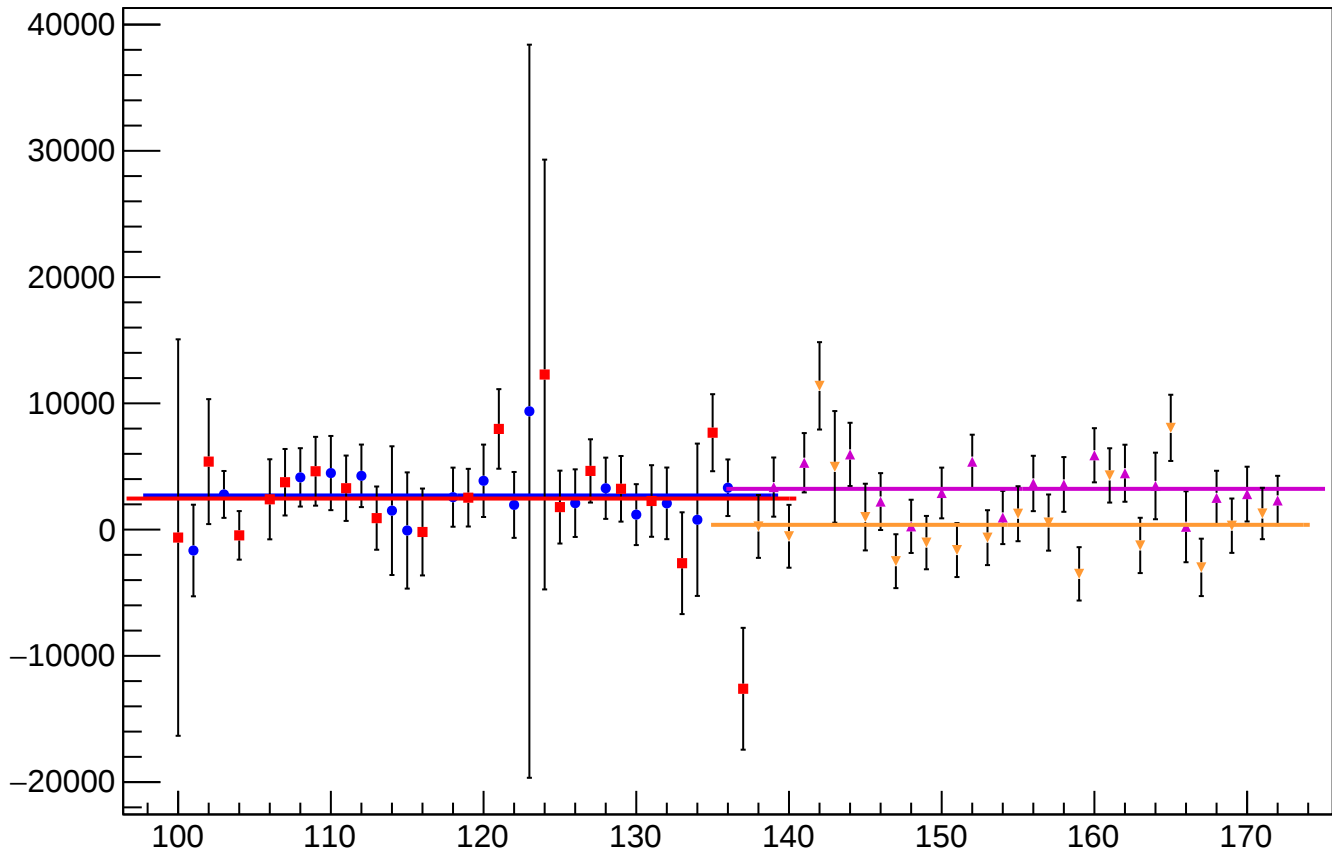
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1969.982 $\pm$ 0.315 χ^2 /NDF: 963245.5/33

Out: 1994.557 $\pm$ 0.315 χ^2 /NDF: 1130046.7/36

All: 1982.285 $\pm$ 0.223 χ^2 /NDF: 2096332.6/70

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 378.137 $\pm$ 547.852 χ^2/NDF : 33.1/17

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

Left In: 3227.296 $\pm$ 539.632 χ^2/NDF : 9.8/16

Left: 1824.251 $\pm$ 384.451 χ^2/NDF : 56.6/34

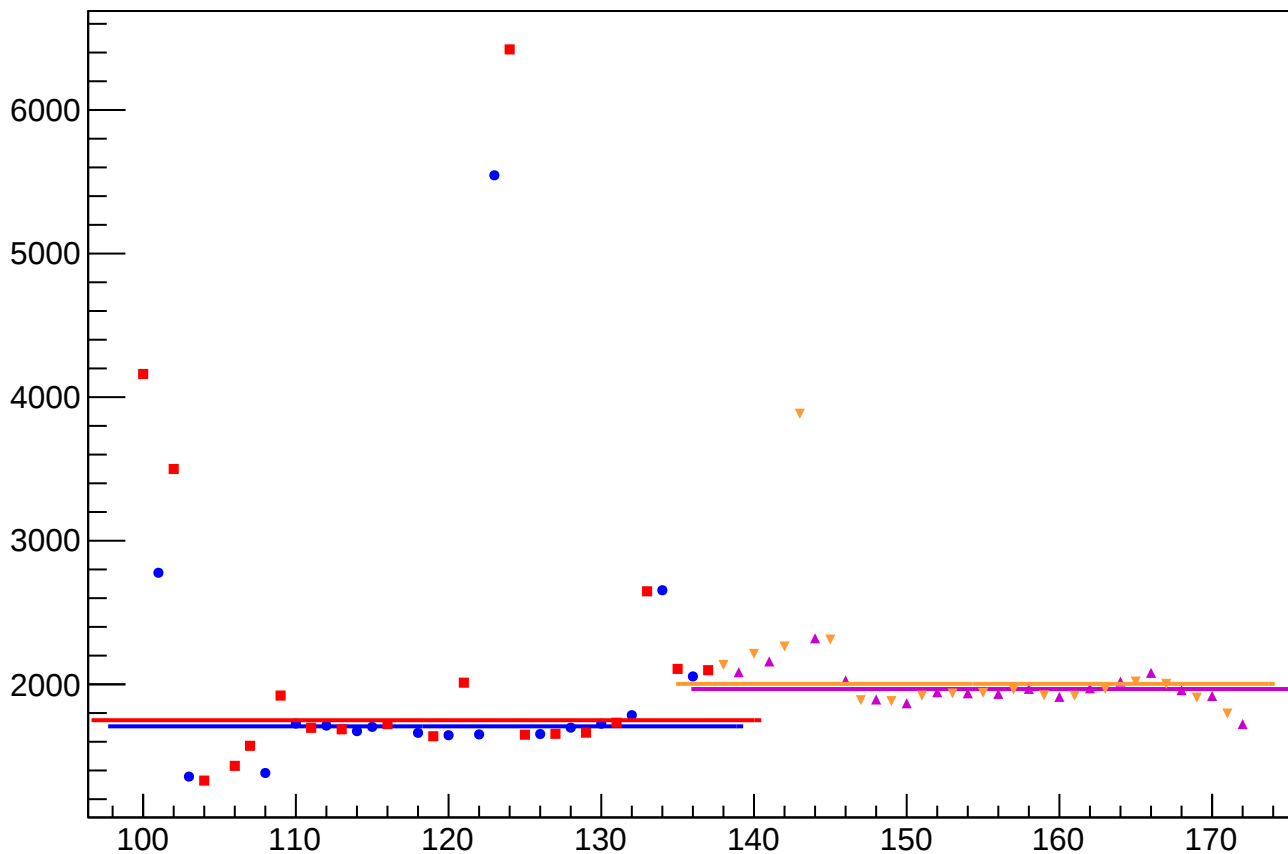
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 3022.654 $\pm$ 421.225 χ^2/NDF : 14.2/33

Out: 1193.243 $\pm$ 427.266 χ^2/NDF : 62.0/36

All: 2120.973 $\pm$ 299.964 χ^2/NDF : 85.5/70

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2003.210+/-0.387 χ^2/NDF : 470849.3/17

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

Left In: 1967.229+/-0.382 χ^2/NDF : 105529.1/16

Left: 1984.948+/-0.272 χ^2/NDF : 580757.1/34

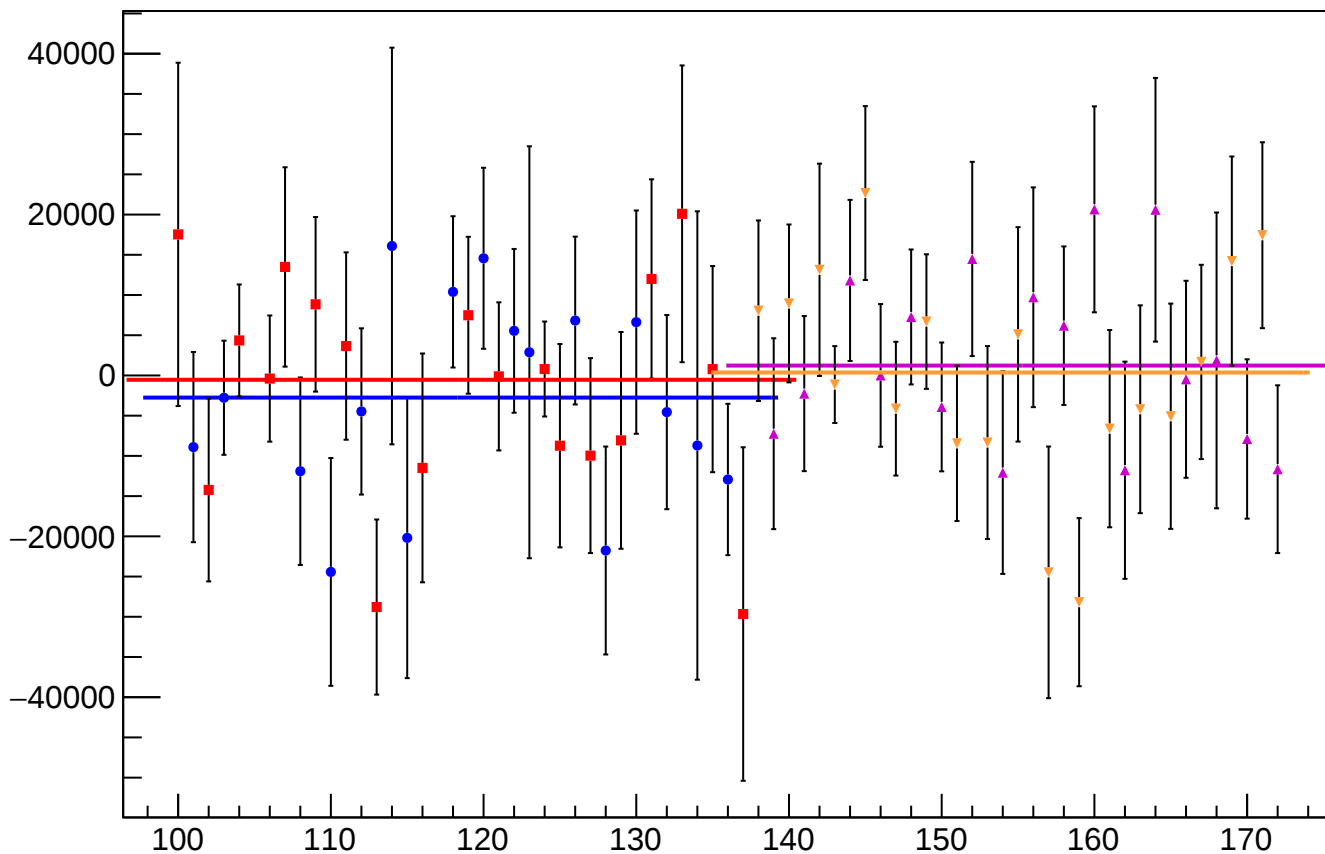
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1865.709+/-0.298 χ^2/NDF : 708870.3/33

Out: 1904.023+/-0.302 χ^2/NDF : 1384627.9/36

All: 1884.595+/-0.212 χ^2/NDF : 2101654.7/70

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 365.987 $\pm$ 2358.931 χ^2/NDF : 22.8/17

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

Left In: 1227.712 $\pm$ 2639.971 χ^2/NDF : 12.7/16

Left: 748.556 $\pm$ 1759.015 χ^2/NDF : 35.5/34

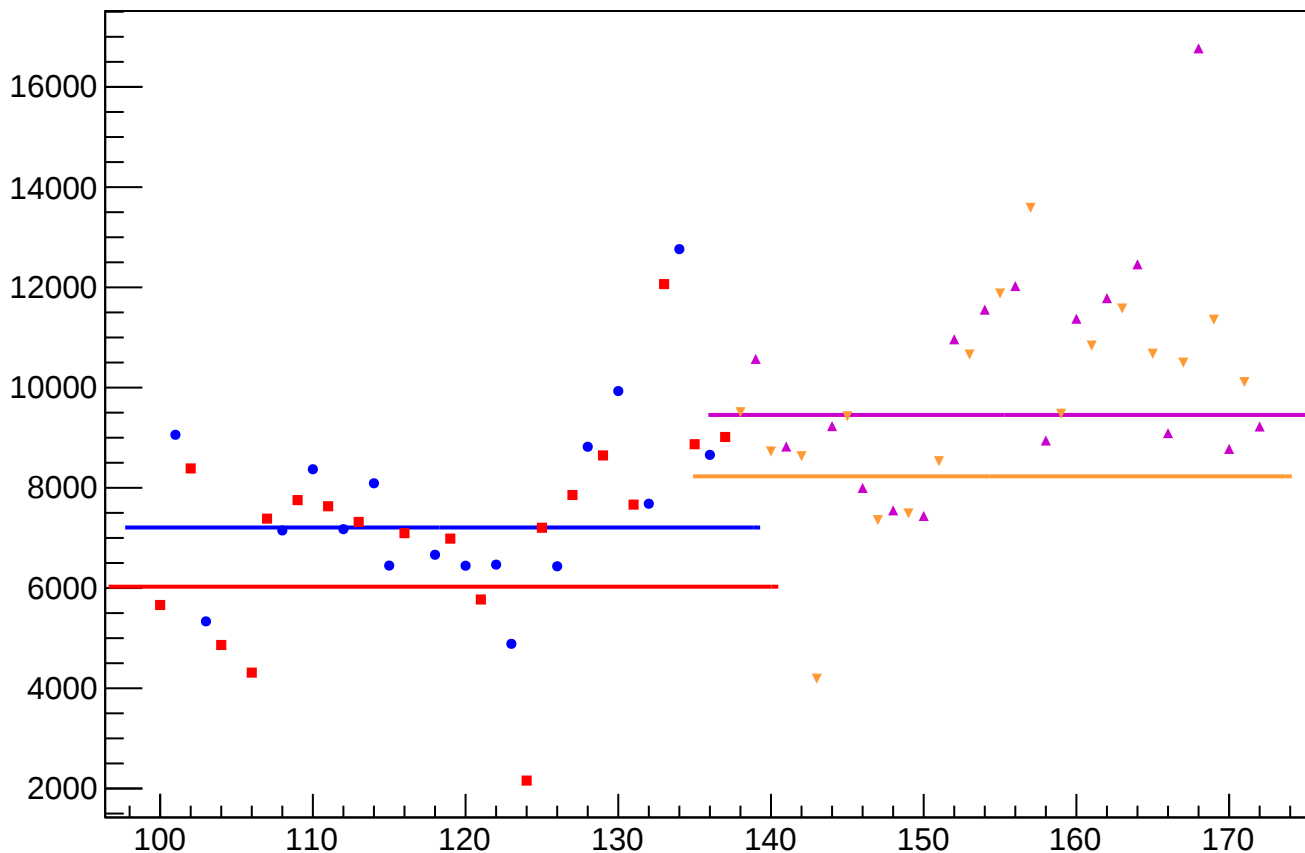
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -614.809 $\pm$ 1934.350 χ^2/NDF : 28.3/33

Out: -73.745 $\pm$ 1690.884 χ^2/NDF : 41.3/36

All: -308.103 $\pm$ 1273.065 χ^2/NDF : 69.7/70

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8228.817+/-1.668 χ^2/NDF : 2545174.1/17

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

Left In: 9454.232+/-1.867 χ^2/NDF : 974676.2/16

Left: 8772.849+/-1.244 χ^2/NDF : 3759461.0/34

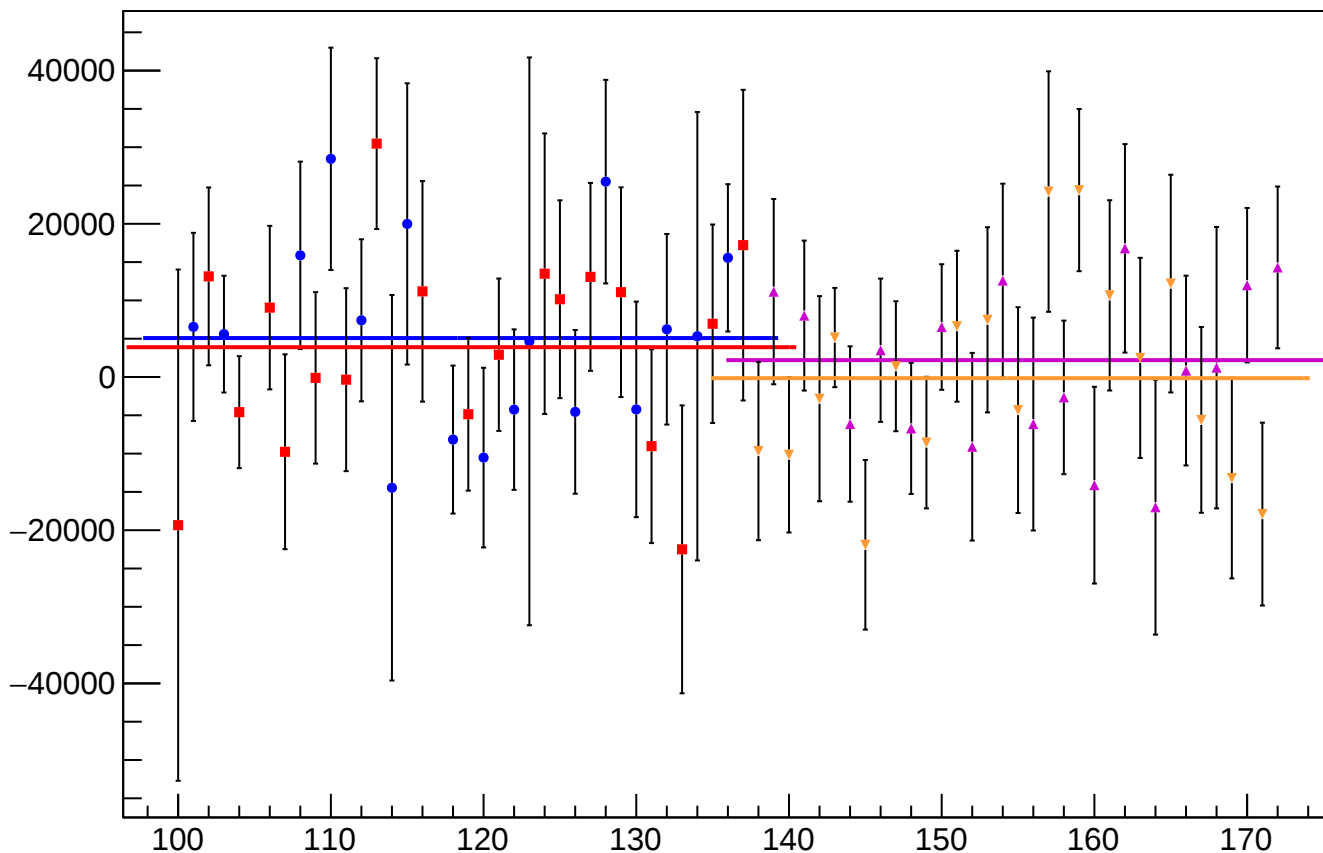
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8414.102+/-1.368 χ^2/NDF : 2138784.4/33

Out: 7158.500+/-1.196 χ^2/NDF : 5190193.6/36

All: 7702.355+/-0.900 χ^2/NDF : 7806658.6/70

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: -151.028 $\pm$ 2542.254 χ^2 /NDF:20.9/17

Right Out: 3892.007 $\pm$ 2790.271 χ^2 /NDF: 15.7/18

Left In: 2201.009 $\pm$ 2688.423 χ^2 /NDF:11.4/16

Left: 959.315 $\pm$ 1847.159 χ^2 /NDF: 32.8/34

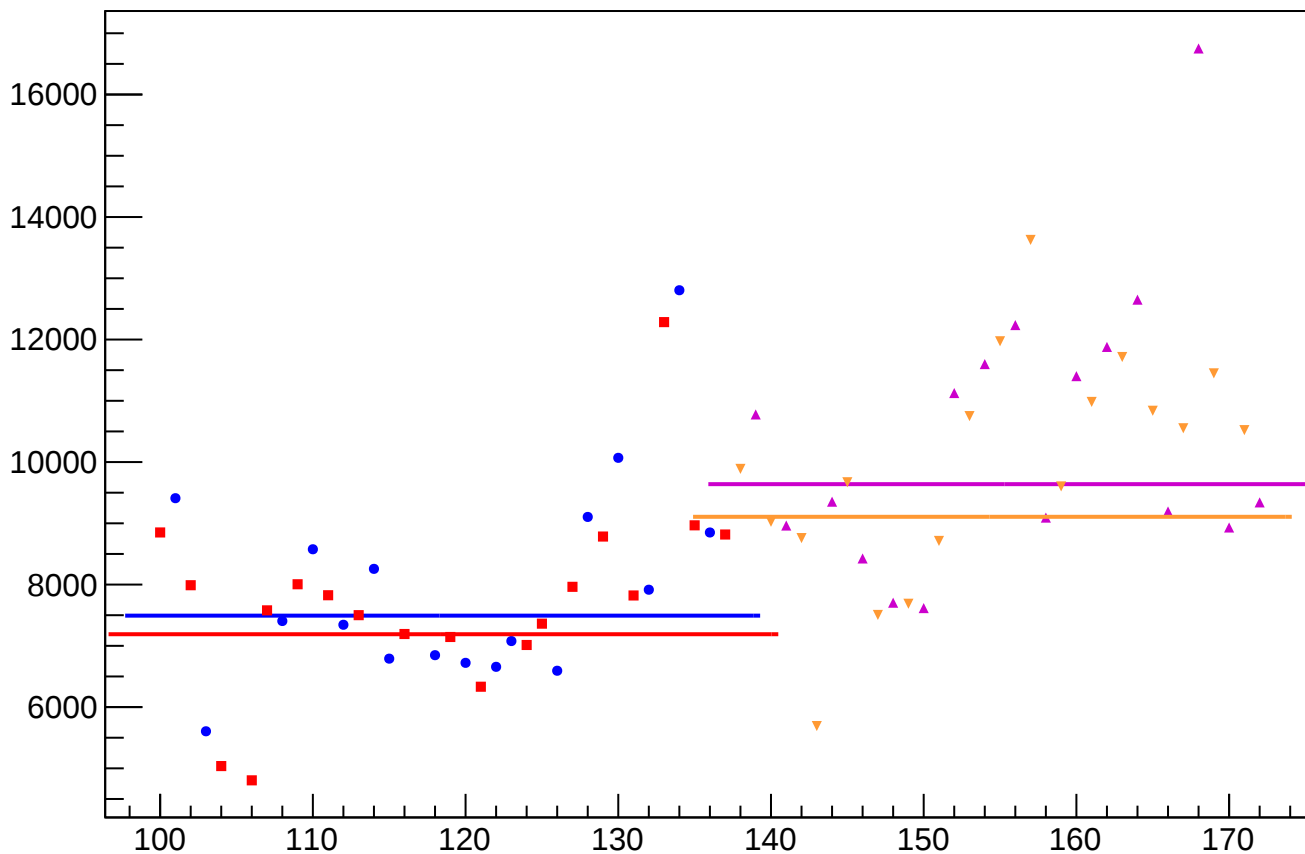
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 3506.790 $\pm$ 1988.657 χ^2 /NDF:25.9/33

Out: 1682.854 $\pm$ 1879.223 χ^2 /NDF:37.7/36

All: 2543.258 $\pm$ 1365.861 χ^2 /NDF: 64.1/70

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9106.470 $\pm$ 1.798 χ^2 /NDF: 1274303.7/17

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

Left In: 9639.336 $\pm$ 1.901 χ^2 /NDF: 911177.2/16

Left: 9358.024 $\pm$ 1.306 χ^2 /NDF: 2226961.2/34

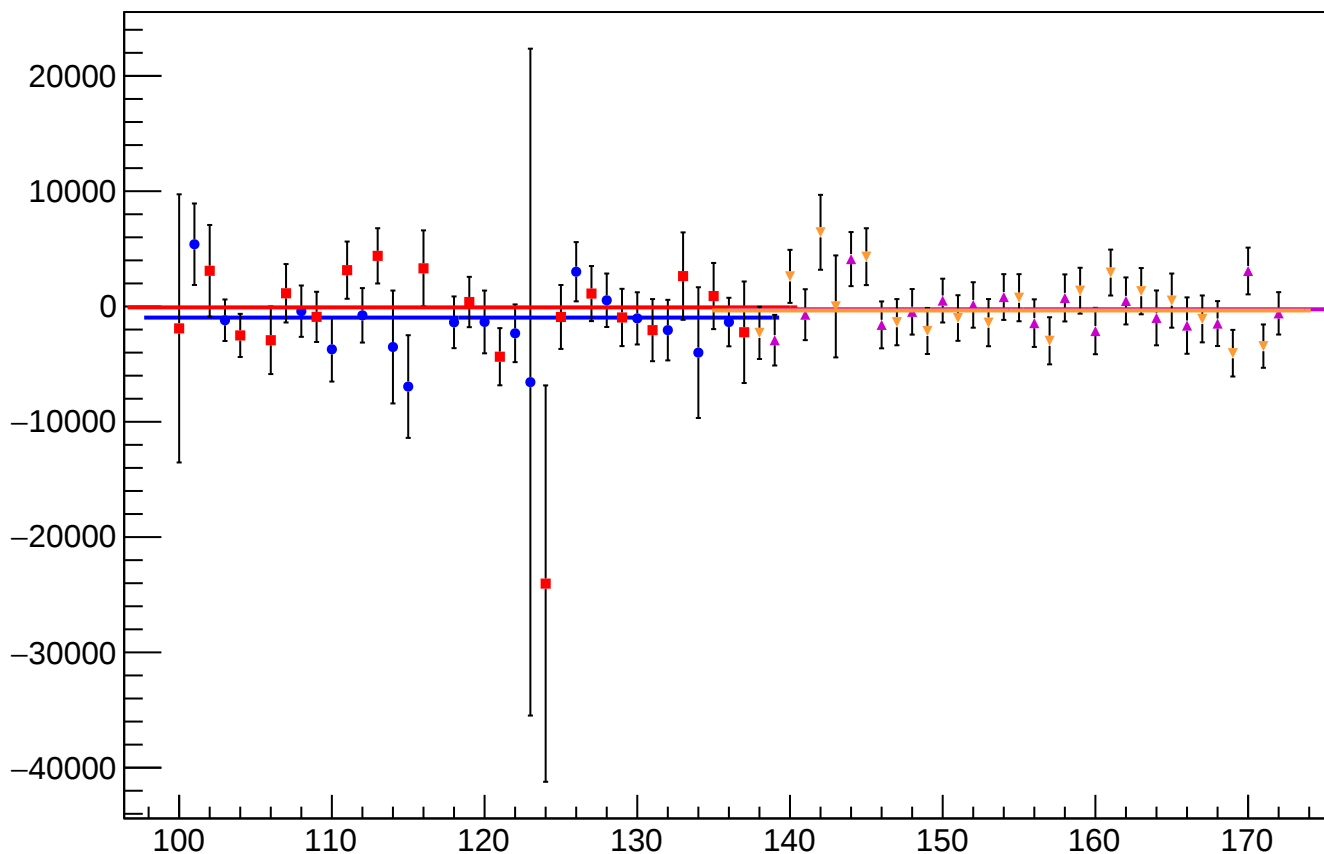
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8667.352 $\pm$ 1.406 χ^2 /NDF: 1925570.4/33

Out: 8236.831 $\pm$ 1.329 χ^2 /NDF: 2351073.4/36

All: 8439.910 $\pm$ 0.966 χ^2 /NDF: 4326164.2/70

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -344.830+/-508.121 χ^2/NDF : 24.2/17

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

Left In: -241.131+/-500.630 χ^2/NDF : 11.1/16

Left: -292.211+/-356.618 χ^2/NDF : 35.3/34

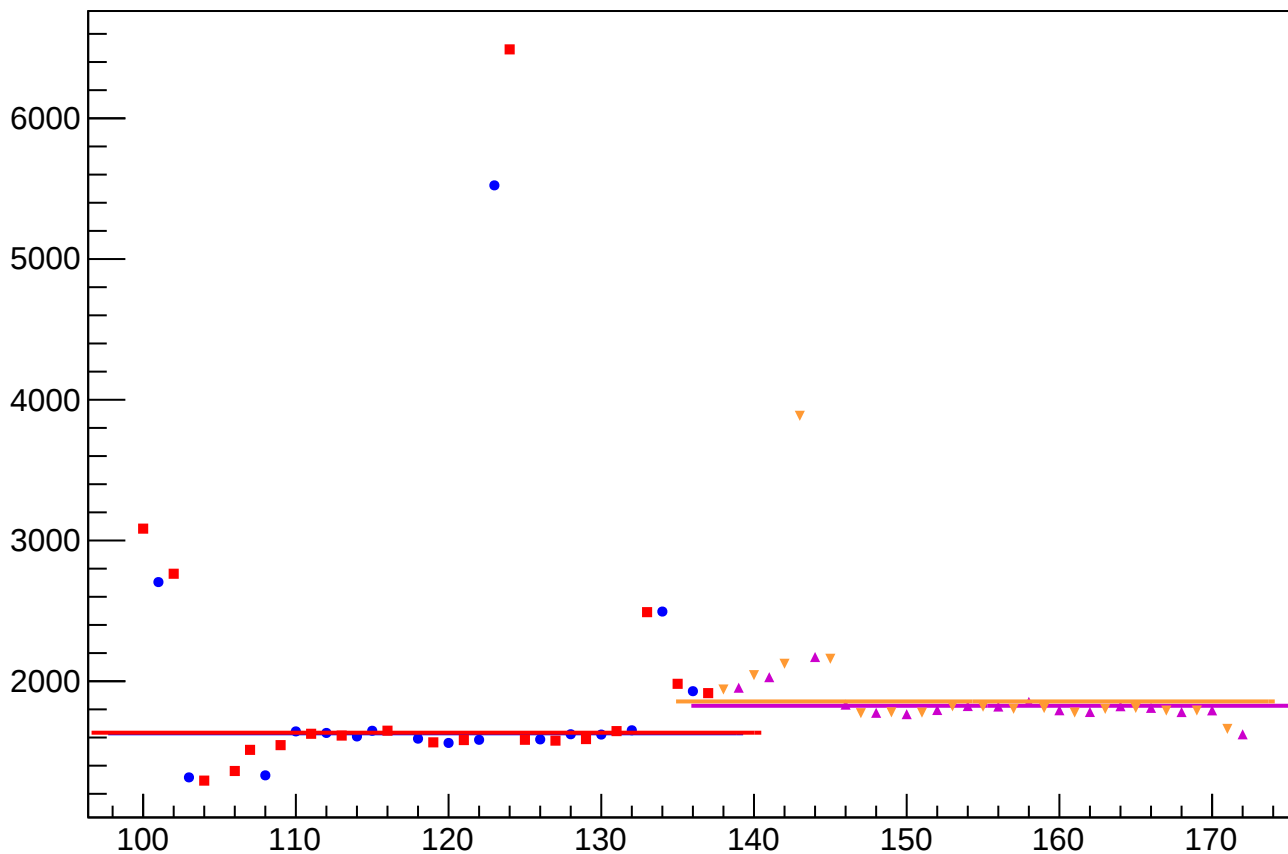
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -513.386+/-395.025 χ^2/NDF : 21.9/33

Out: -239.877+/-396.368 χ^2/NDF : 41.1/36

All: -377.096+/-279.798 χ^2/NDF : 63.2/70

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.394+/-0.359 χ^2/NDF : 525488.9/17

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

Left In: 1825.657+/-0.354 χ^2/NDF : 98995.6/16

Left: 1840.797+/-0.252 χ^2/NDF : 628197.9/34

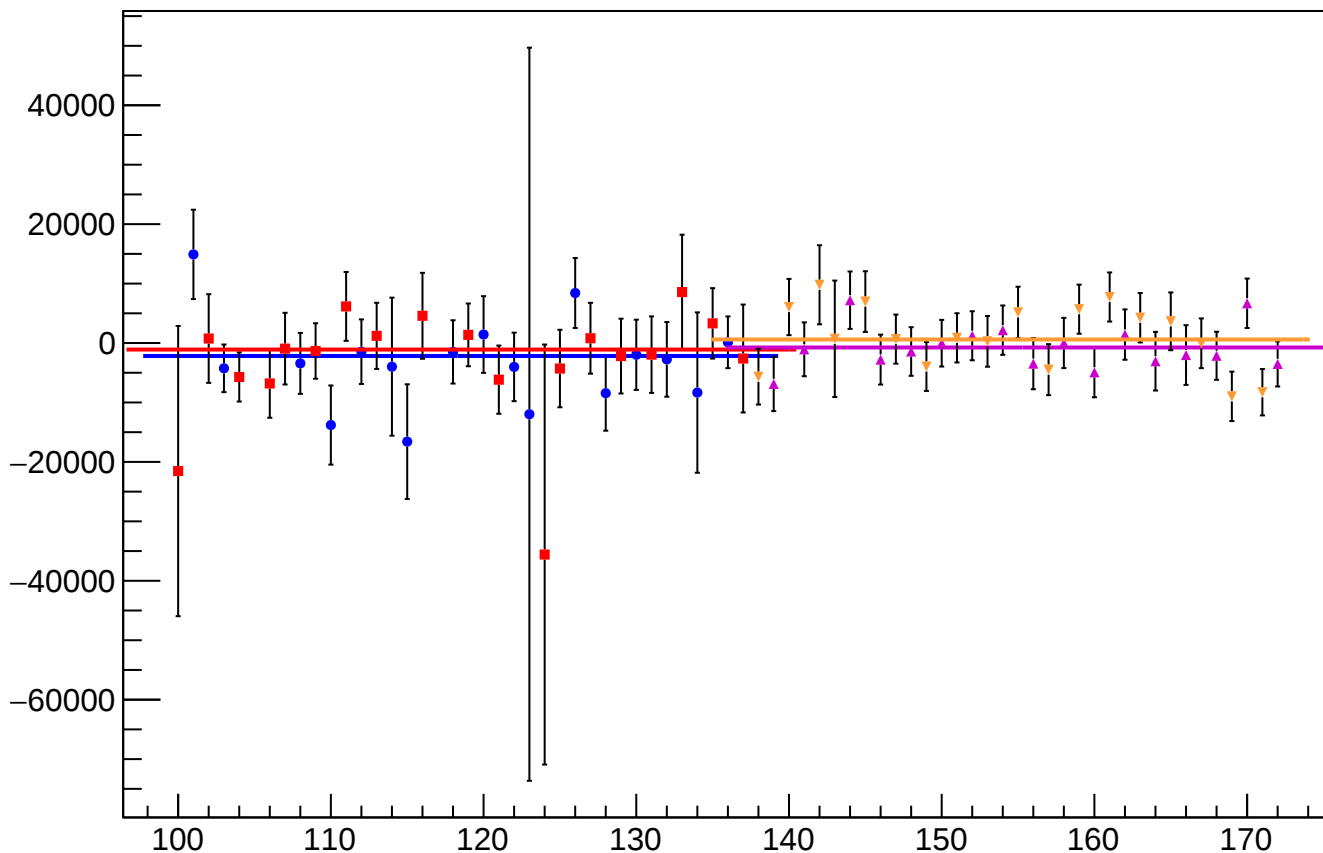
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1751.800+/-0.279 χ^2/NDF : 622489.1/33

Out: 1769.428+/-0.280 χ^2/NDF : 1263783.7/36

All: 1760.584+/-0.198 χ^2/NDF : 1888257.5/70

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 597.909+/-1054.689 χ^2/NDF : 26.5/17

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

Left In: -751.053+/-1037.367 χ^2/NDF : 11.3/16

Left: -87.740+/-739.578 χ^2/NDF : 38.7/34

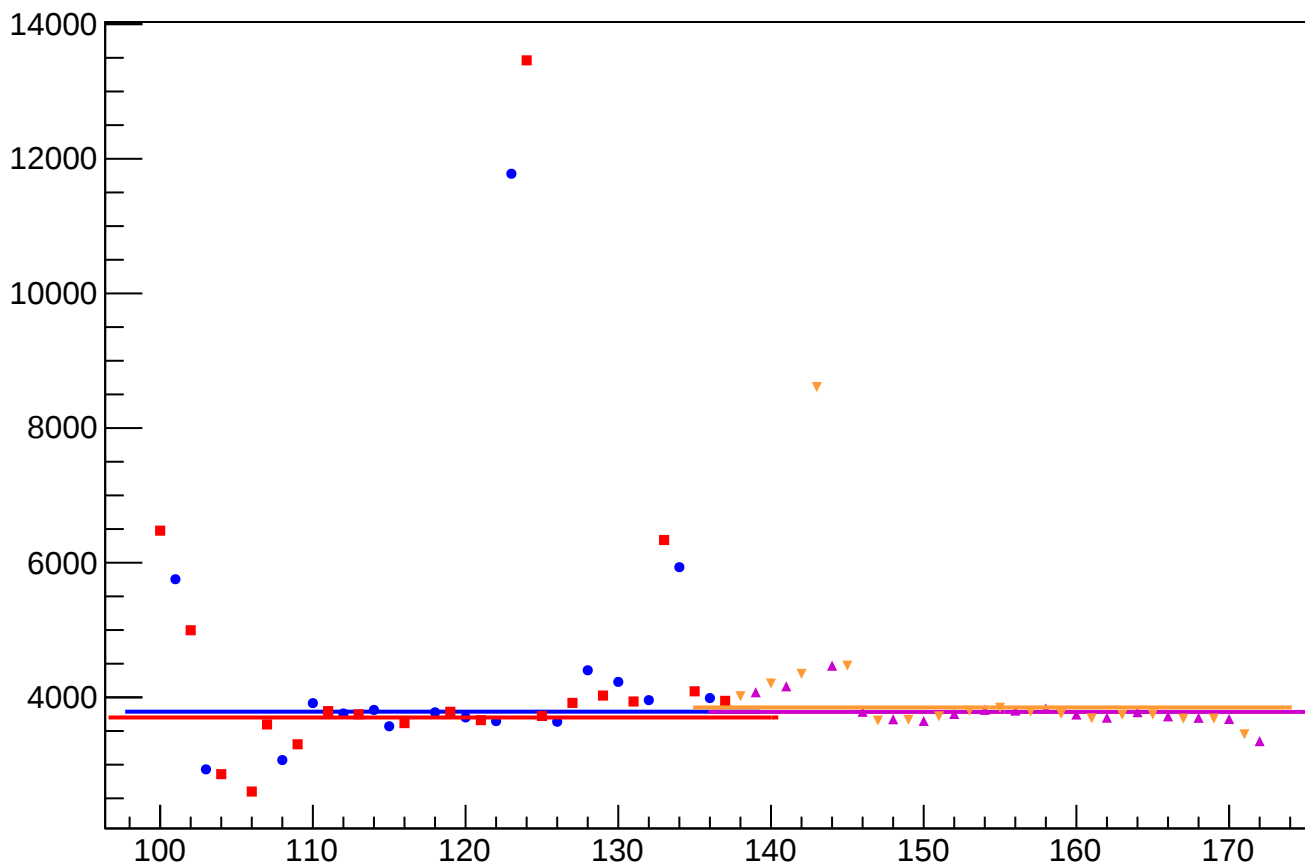
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1216.046+/-851.917 χ^2/NDF : 27.9/33

Out: 5.572+/-850.839 χ^2/NDF : 36.7/36

All: -604.463+/-602.015 χ^2/NDF : 65.7/70

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3850.291+/-0.746 χ^2/NDF : 571635.0/17

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

Left In: 3783.278+/-0.734 χ^2/NDF : 96732.1/16

Left: 3816.230+/-0.523 χ^2/NDF : 672471.2/34

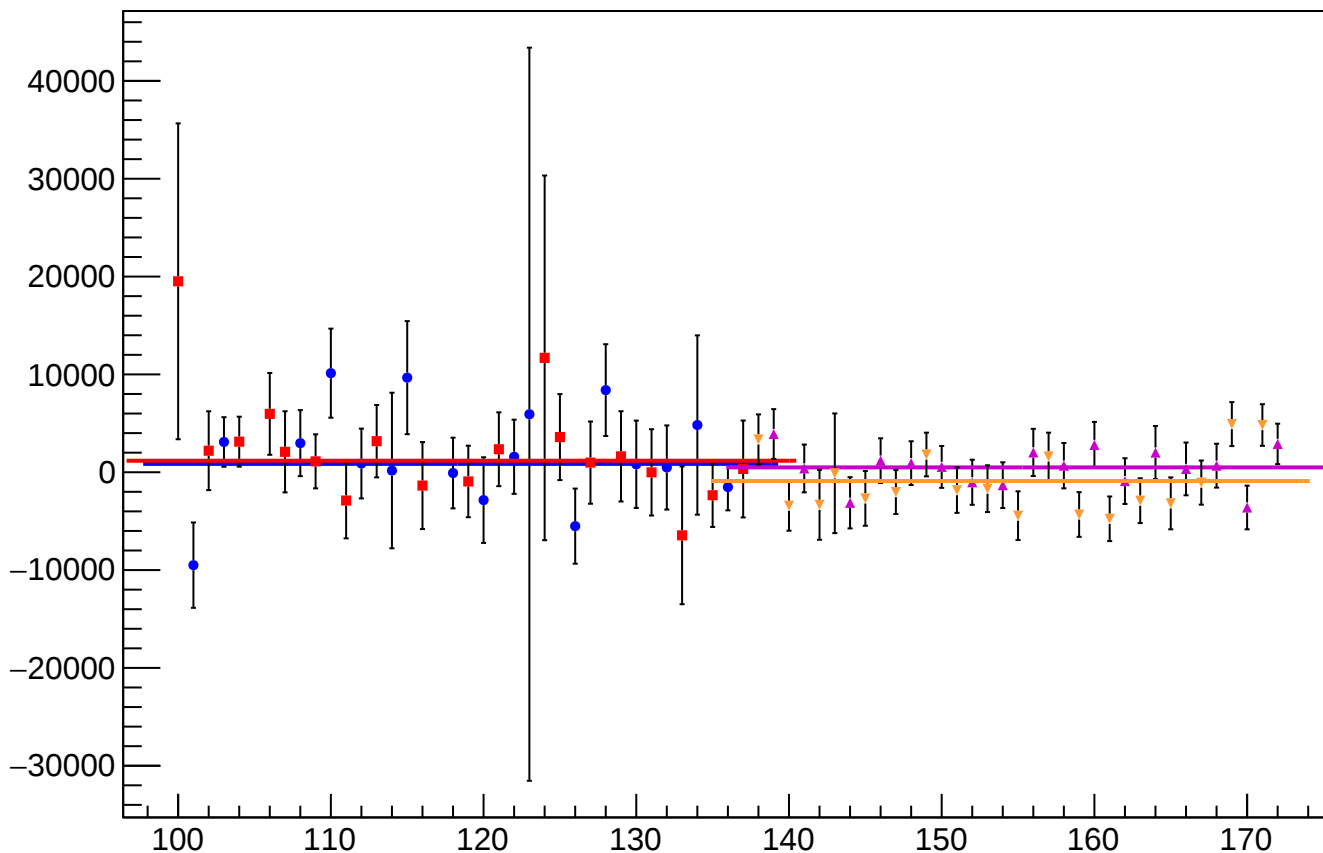
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3784.588+/-0.602 χ^2/NDF : 489392.7/33

Out: 3798.133+/-0.602 χ^2/NDF : 1166736.6/36

All: 3791.369+/-0.426 χ^2/NDF : 1656382.5/70

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.119 $\pm$ 581.178 χ^2 /NDF:30.3/17

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

Left In: 496.977 $\pm$ 570.034 χ^2 /NDF:11.6/16

Left: -185.596 $\pm$ 406.958 χ^2 /NDF: 44.8/34

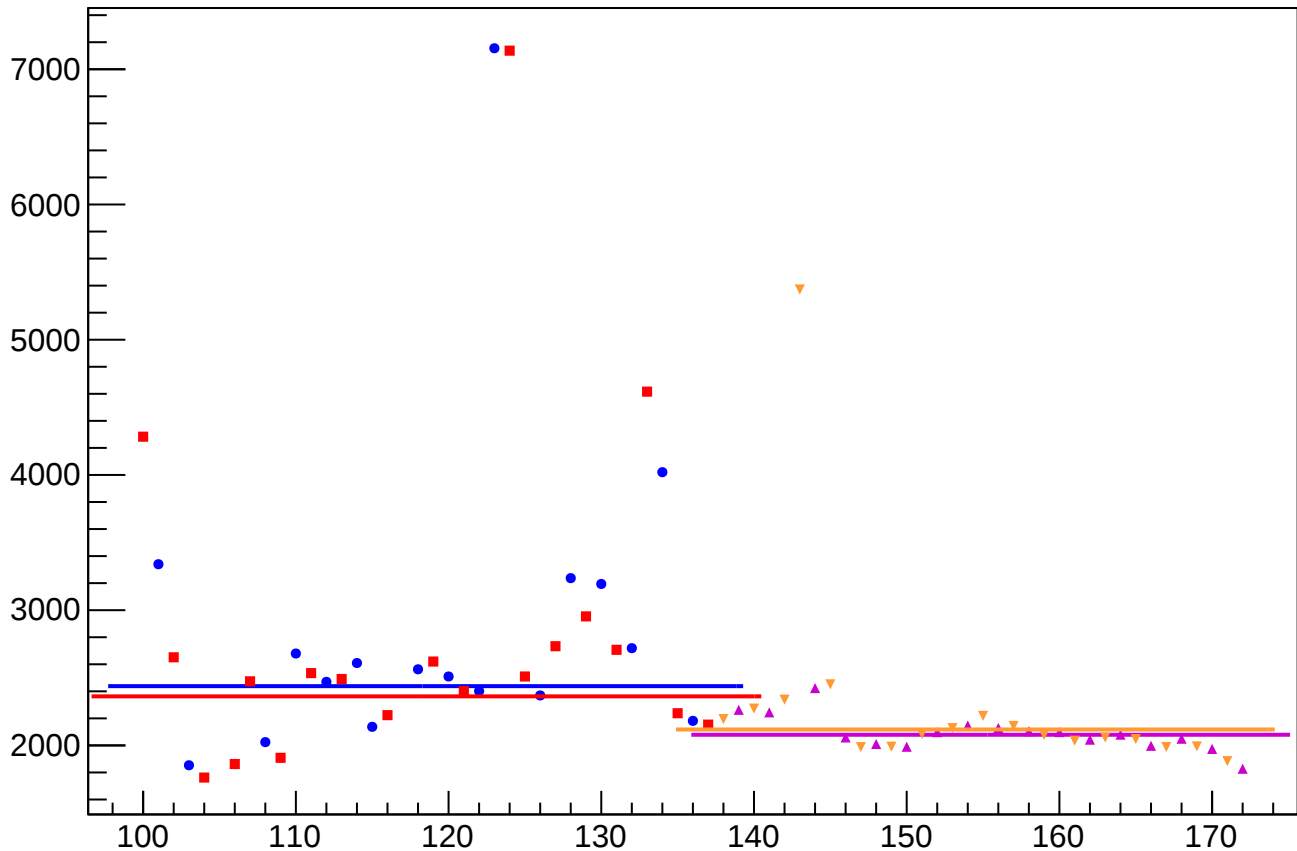
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 589.933 $\pm$ 490.767 χ^2 /NDF:32.4/33

Out: -308.957 $\pm$ 492.207 χ^2 /NDF:42.4/36

All: 141.805 $\pm$ 347.533 χ^2 /NDF: 76.5/70

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2117.791+/-0.411 $\chi^2/\text{NDF}: 671611.4/17$

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

Left In: 2078.851+/-0.403 $\chi^2/\text{NDF}: 99613.8/16$

Left: 2097.944+/-0.288 $\chi^2/\text{NDF}: 775801.5/34$

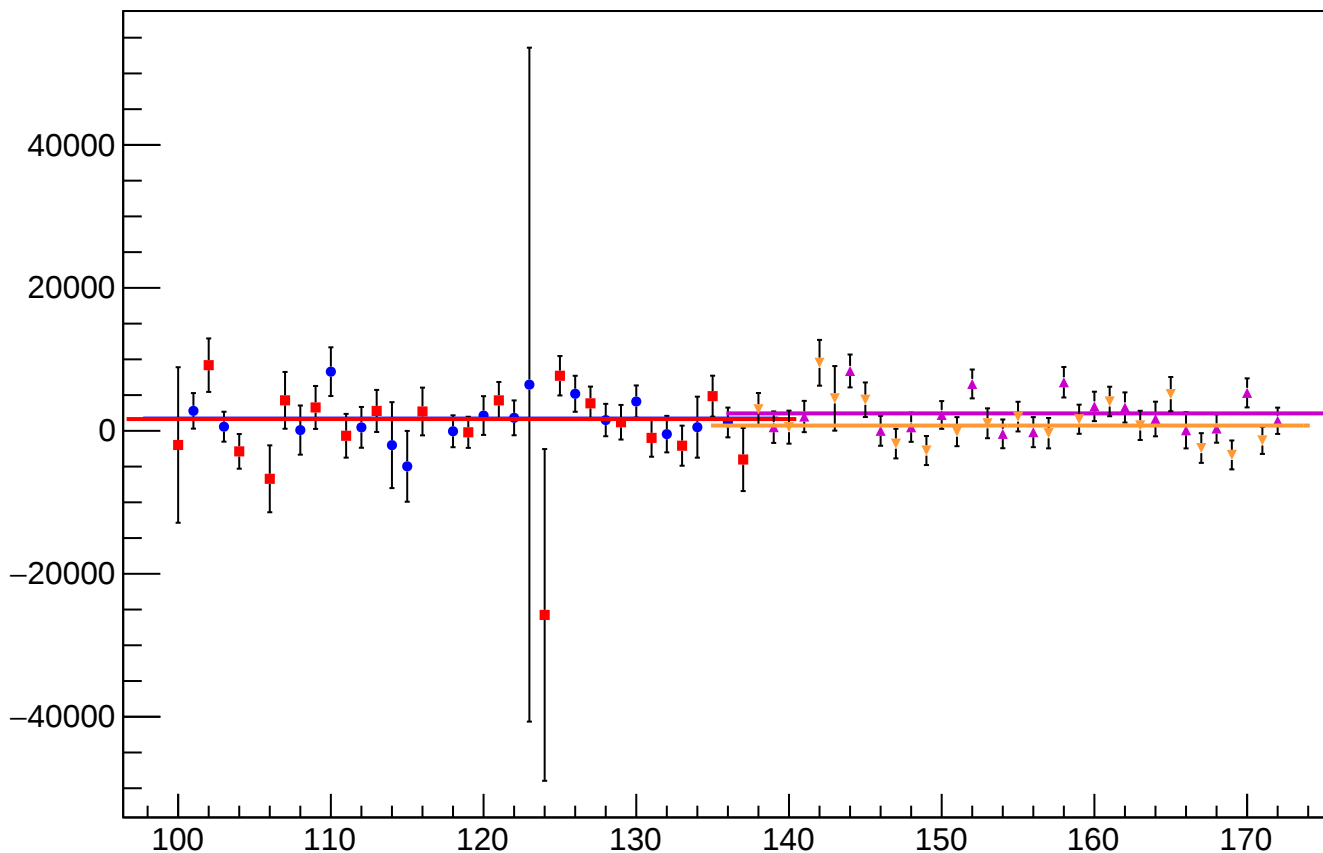
Right: 2398.946+/-0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2171.862+/-0.347 $\chi^2/\text{NDF}: 782102.2/33$

Out: 2187.048+/-0.348 $\chi^2/\text{NDF}: 1429585.7/36$

All: 2179.433+/-0.246 $\chi^2/\text{NDF}: 2212642.7/70$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 741.027 ± 516.911 χ^2/NDF : 30.6/17

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

Left In: 2440.382 ± 509.540 χ^2/NDF : 26.4/16

Left: 1602.906 ± 362.877 χ^2/NDF : 62.5/34

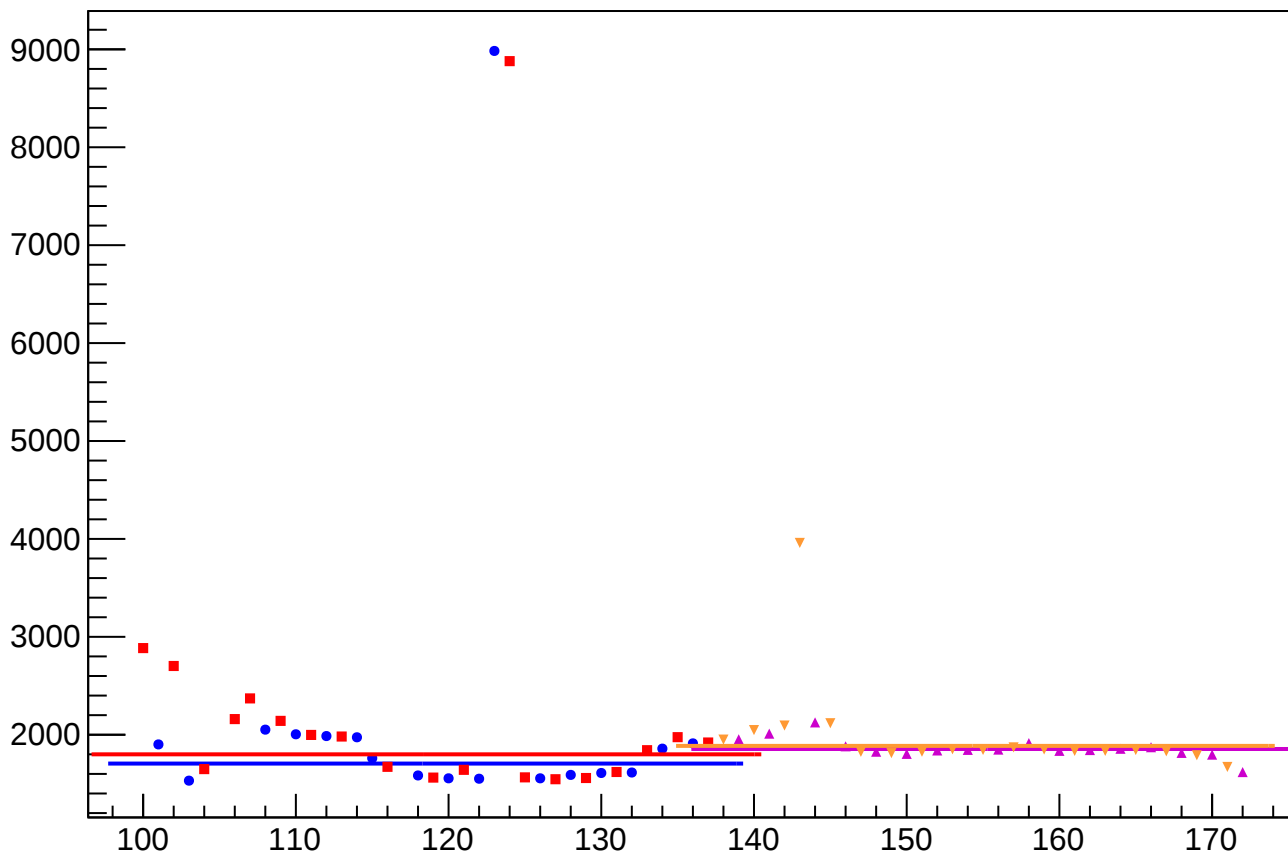
Right: 1682.780 ± 481.052 χ^2/NDF : 38.3/35

In: 2172.242 ± 404.943 χ^2/NDF : 38.5/33

Out: 1065.381 ± 414.616 χ^2/NDF : 58.6/36

All: 1631.874 ± 289.697 χ^2/NDF : 100.8/70

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1886.231 $\pm$ 0.366 χ^2 /NDF: 502118.4/17

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1854.455 $\pm$ 0.360 χ^2 /NDF: 81624.1/16

Left: 1870.115 $\pm$ 0.257 χ^2 /NDF: 587575.8/34

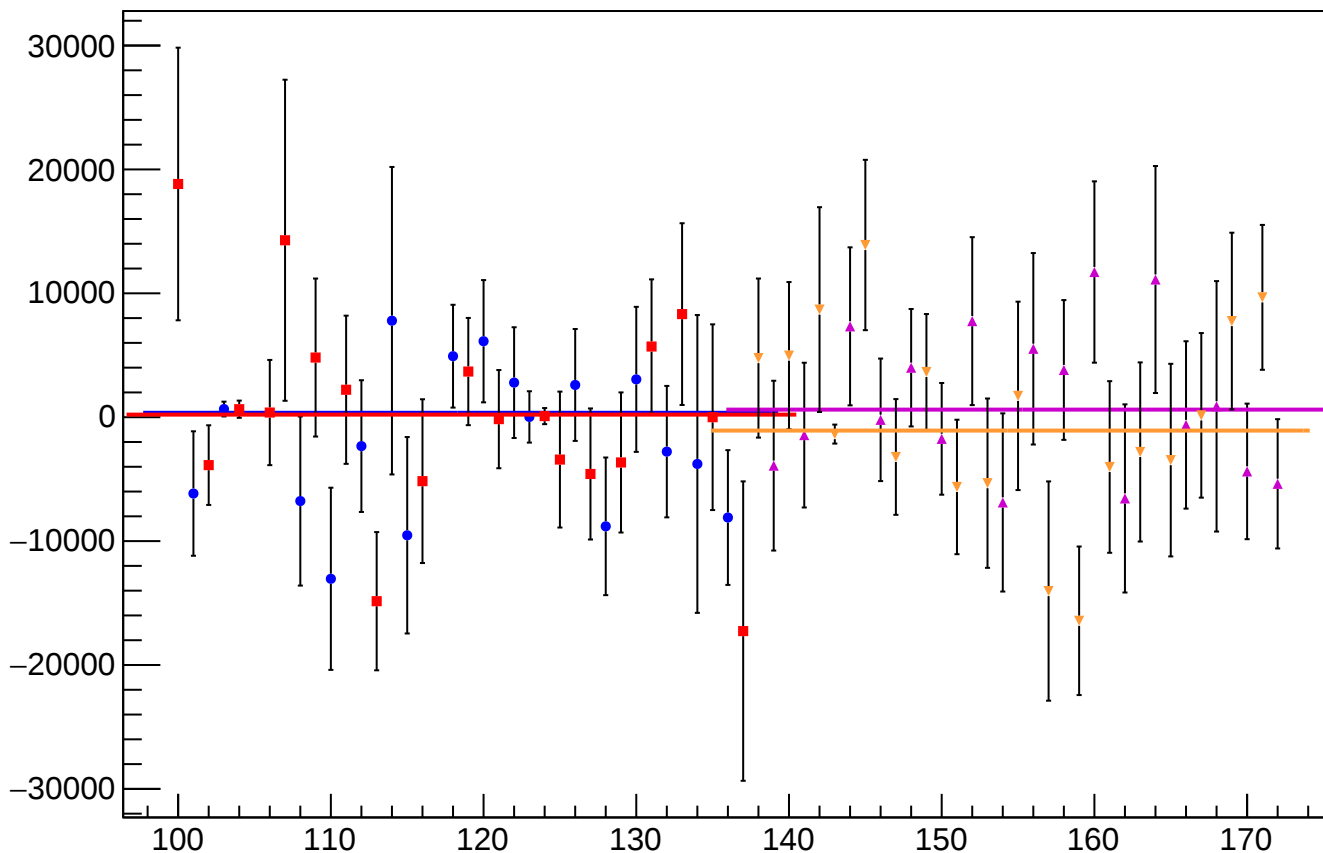
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1799.623 $\pm$ 0.286 χ^2 /NDF: 338661.9/33

Out: 1855.389 $\pm$ 0.293 χ^2 /NDF: 1060807.1/36

All: 1826.869 $\pm$ 0.205 χ^2 /NDF: 1418001.3/70

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1078.011 $\pm$ 685.979 χ^2 /NDF:24.6/17

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

Left In: 612.894 $\pm$ 1492.586 χ^2 /NDF:12.1/16

Left: -783.136 $\pm$ 623.302 χ^2 /NDF: 37.7/34

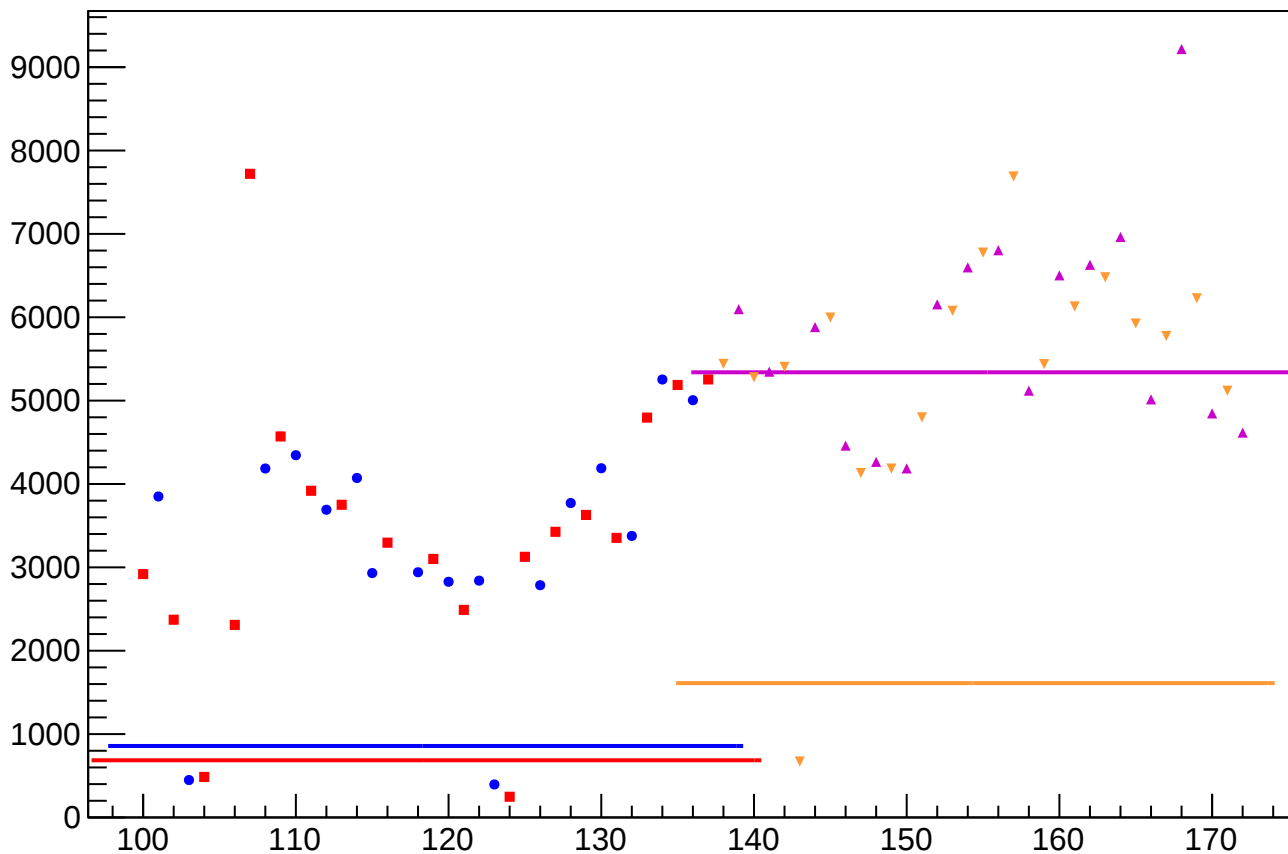
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 385.983 $\pm$ 502.130 χ^2 /NDF:29.6/33

Out: -173.513 $\pm$ 374.287 χ^2 /NDF:48.4/36

All: 26.321 $\pm$ 300.091 χ^2 /NDF: 78.9/70

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1611.513 $\pm$ 0.485 χ^2 /NDF:15854453.3/17

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

Left In: 5339.928 $\pm$ 1.055 χ^2 /NDF:1025530.6/16

Left: 2261.706 $\pm$ 0.441 χ^2 /NDF: 27183262.9/34

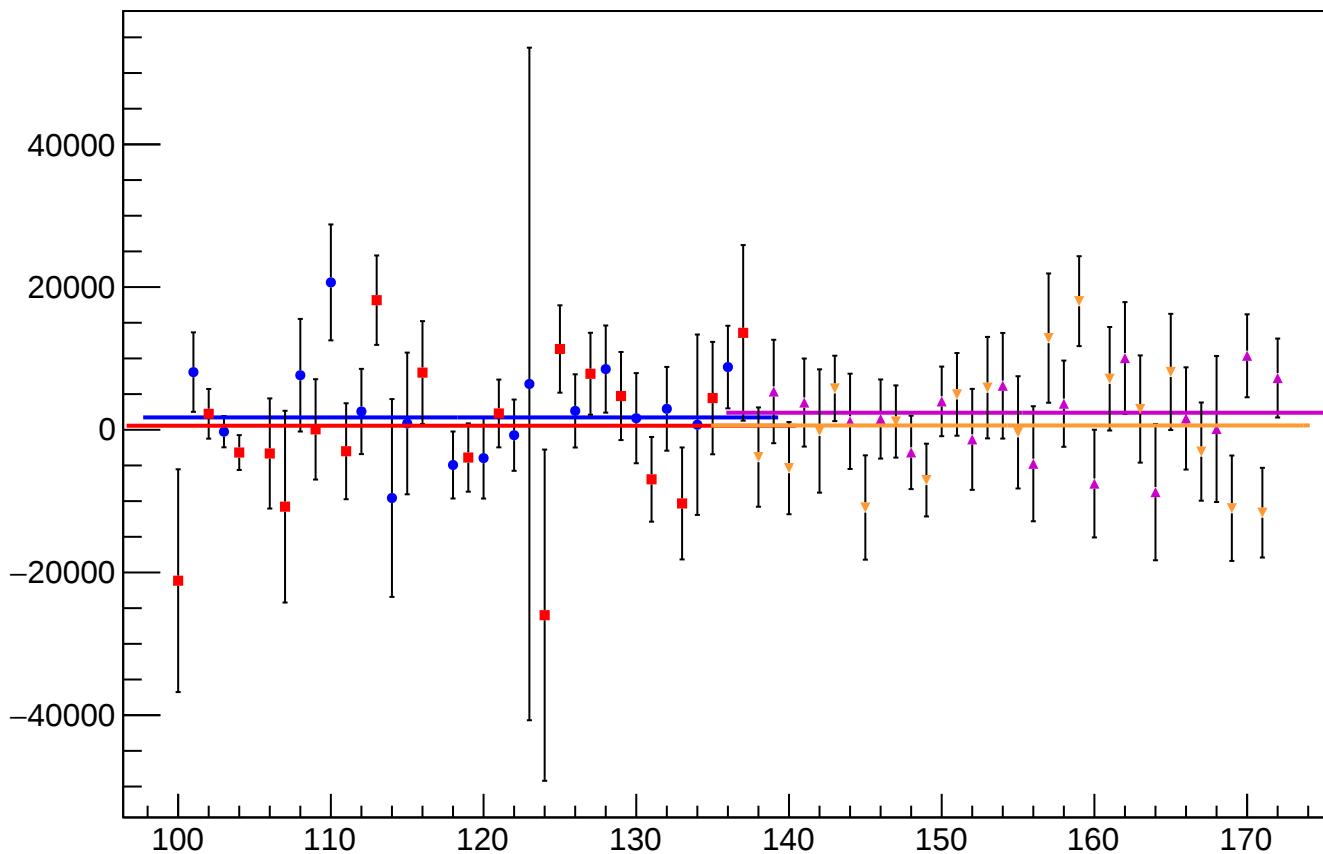
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1364.777 $\pm$ 0.355 χ^2 /NDF:25197141.8/33

Out: 961.390 $\pm$ 0.265 χ^2 /NDF:27873445.9/36

All: 1105.467 $\pm$ 0.212 χ^2 /NDF: 53900322.4/71

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 605.381+/-1540.343 χ^2/NDF : 26.2/17

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

Left In: 2389.898+/-1586.893 χ^2/NDF : 9.7/16

Left: 1471.082+/-1105.277 χ^2/NDF : 36.5/34

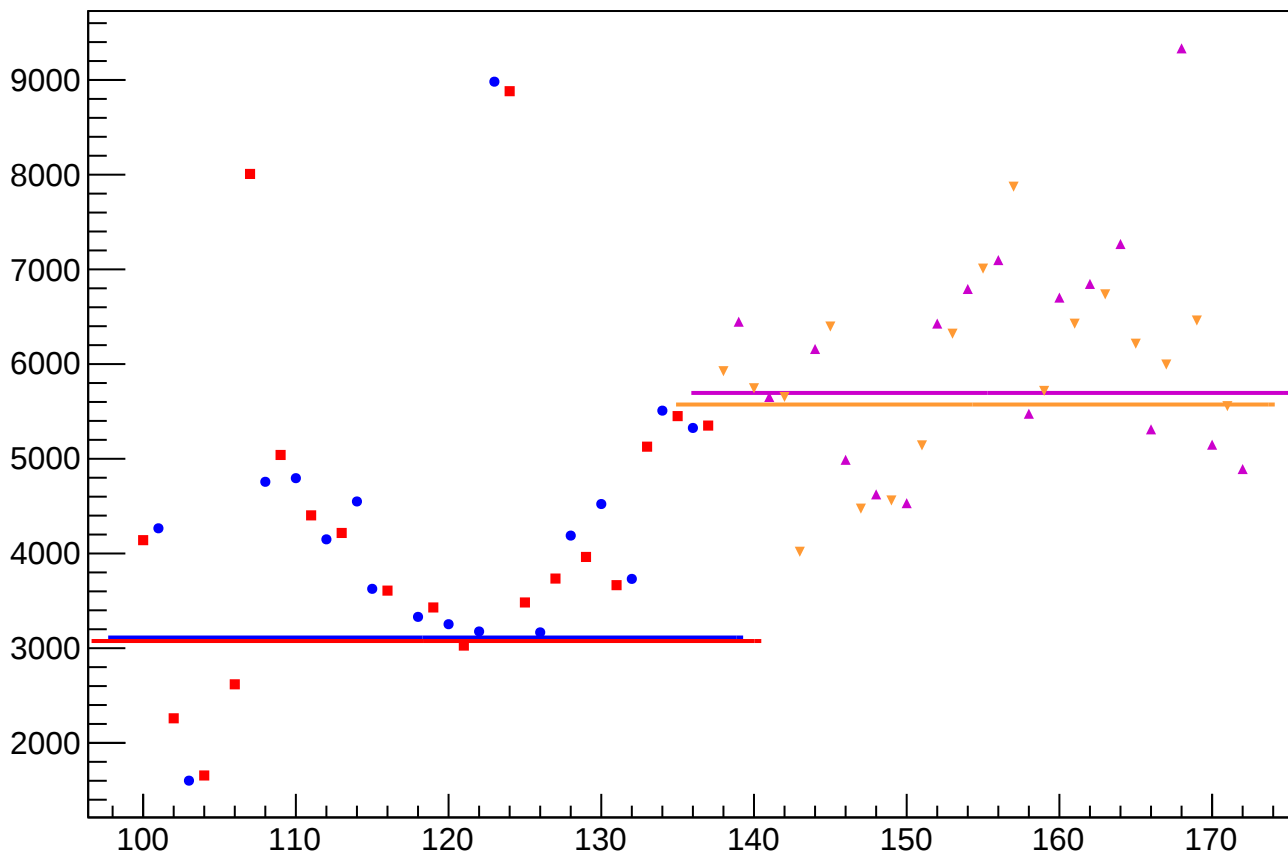
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1998.087+/-1007.765 χ^2/NDF : 24.7/33

Out: 582.817+/-987.322 χ^2/NDF : 53.3/36

All: 1275.952+/-705.259 χ^2/NDF : 79.0/70

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5573.036 $\pm$ 1.089 χ^2 /NDF: 789688.0/17

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

Left In: 5695.364 $\pm$ 1.122 χ^2 /NDF: 844124.3/16

Left: 5632.379 $\pm$ 0.782 χ^2 /NDF: 1639931.6/34

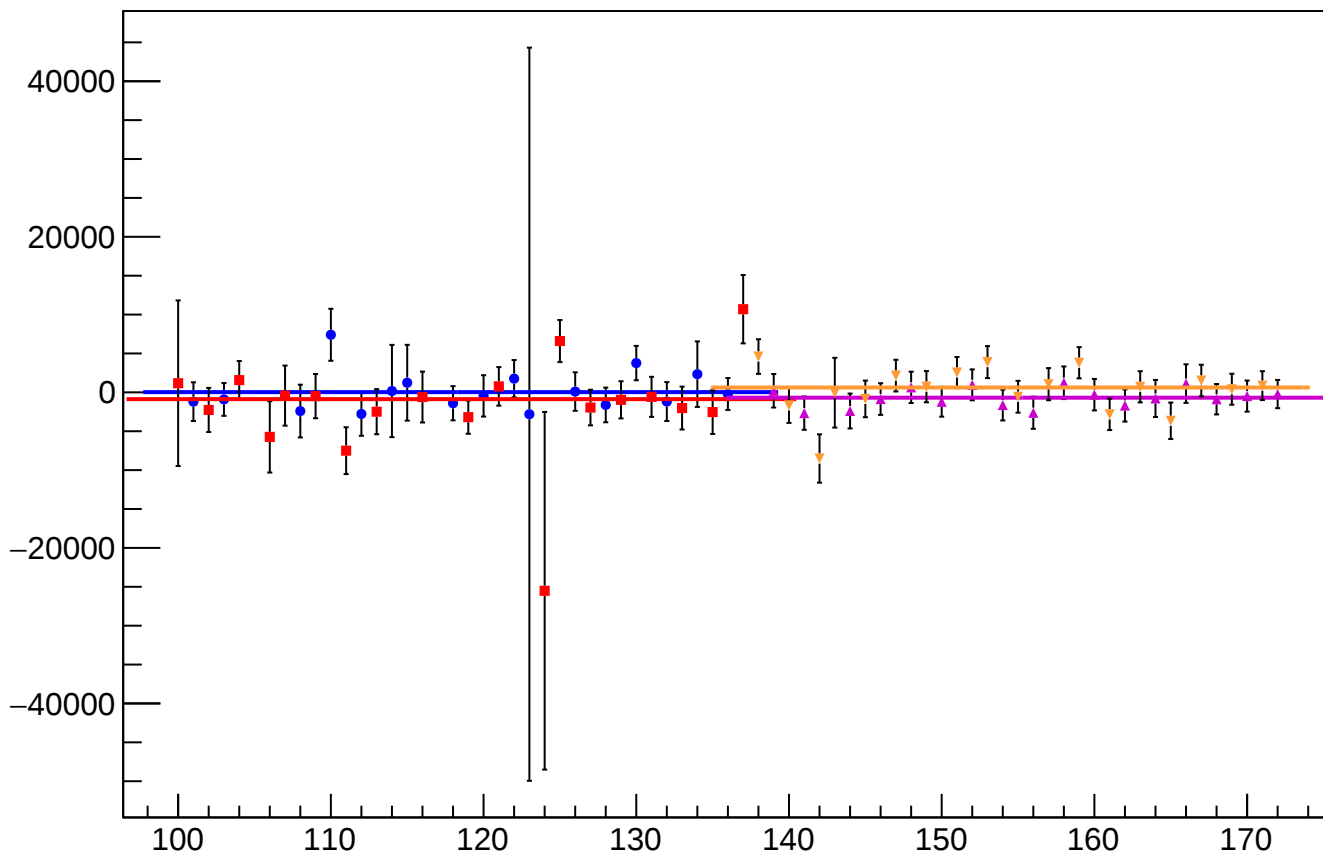
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4154.262 $\pm$ 0.713 χ^2 /NDF: 5889724.1/33

Out: 4084.144 $\pm$ 0.692 χ^2 /NDF: 5934946.7/36

All: 4118.182 $\pm$ 0.496 χ^2 /NDF: 11829652.9/70

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2/NDF : 11.8/16

Left Out: 621.689 $\pm$ 507.178 χ^2/NDF : 26.7/17

Right Out: -874.470 $\pm$ 673.273 χ^2/NDF : 25.7/18

Left In: -687.318 $\pm$ 500.264 χ^2/NDF : 5.7/16

Left: -41.798 $\pm$ 356.160 χ^2/NDF : 35.7/34

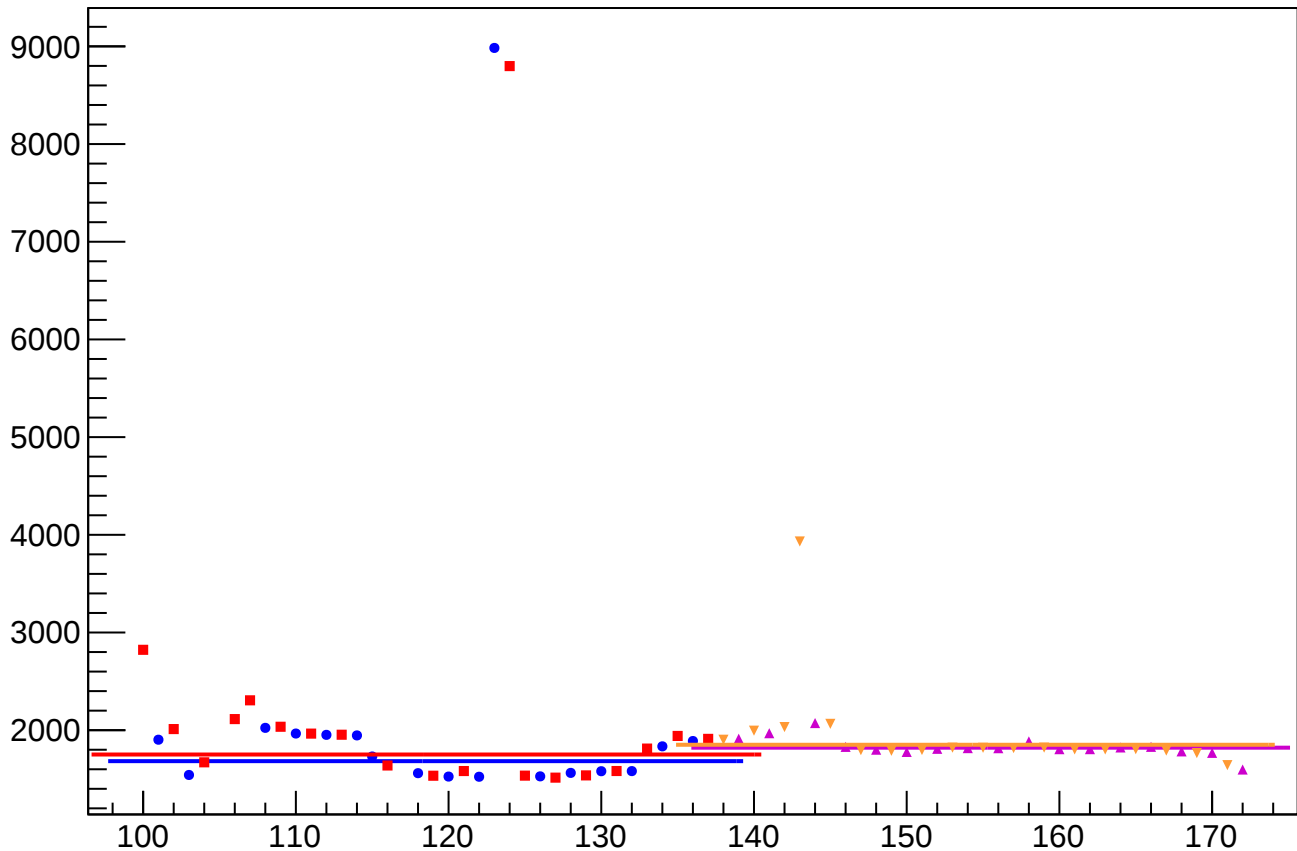
Right: -412.596 $\pm$ 470.731 χ^2/NDF : 38.4/35

In: -425.099 $\pm$ 398.327 χ^2/NDF : 18.2/33

Out: 80.039 $\pm$ 405.100 χ^2/NDF : 55.5/36

All: -176.788 $\pm$ 284.024 χ^2/NDF : 74.5/70

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.805+/-0.359 χ^2/NDF : 502980.3/17

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

Left In: 1821.032+/-0.354 χ^2/NDF : 74482.8/16

Left: 1835.714+/-0.252 χ^2/NDF : 580956.4/34

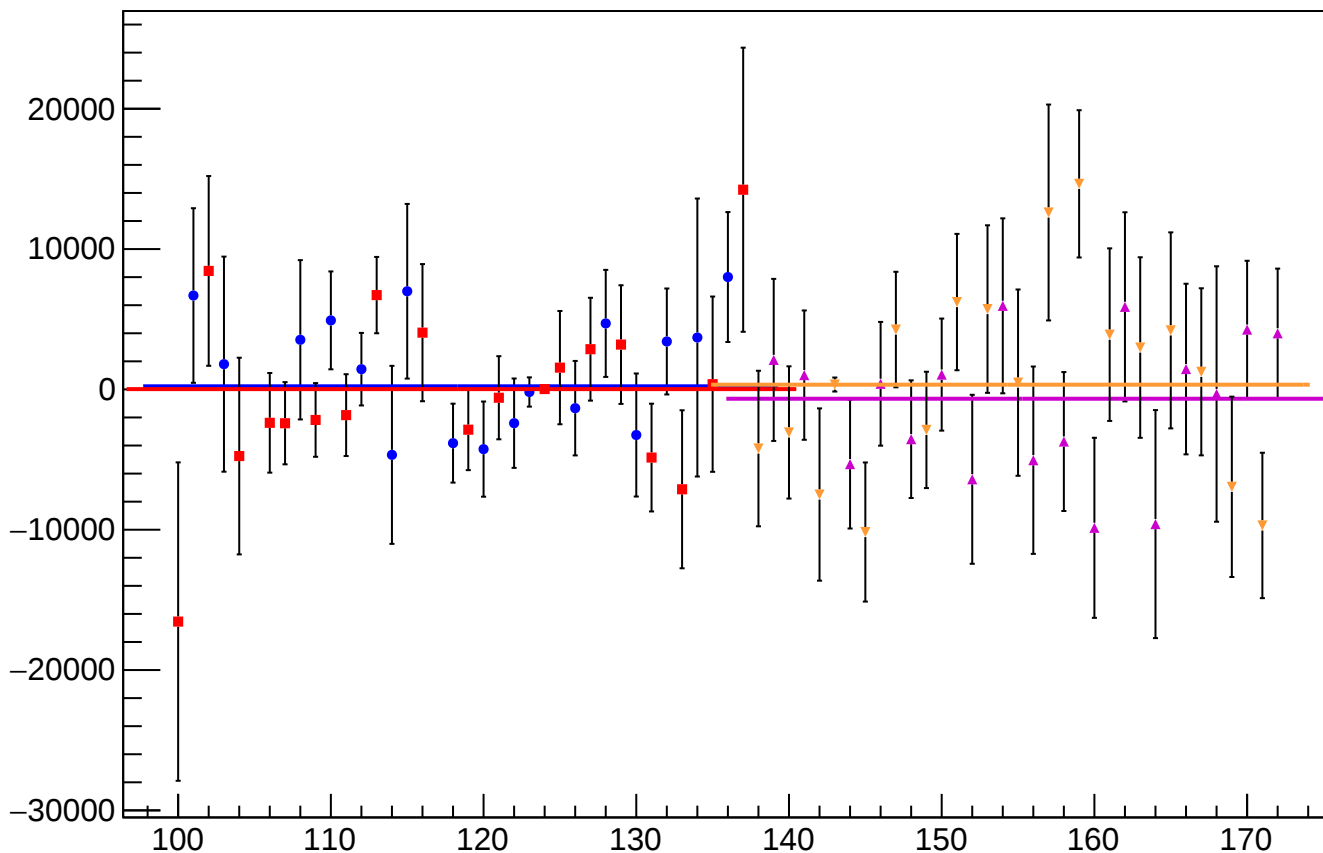
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1770.556+/-0.282 χ^2/NDF : 325969.6/33

Out: 1814.602+/-0.286 χ^2/NDF : 958118.9/36

All: 1792.225+/-0.201 χ^2/NDF : 1296119.7/70

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.704 $\pm$ 467.239 χ^2 /NDF:27.0/17

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

Left In: -665.610 $\pm$ 1289.568 χ^2 /NDF:11.3/16

Left: 219.508 $\pm$ 439.293 χ^2 /NDF: 38.8/34

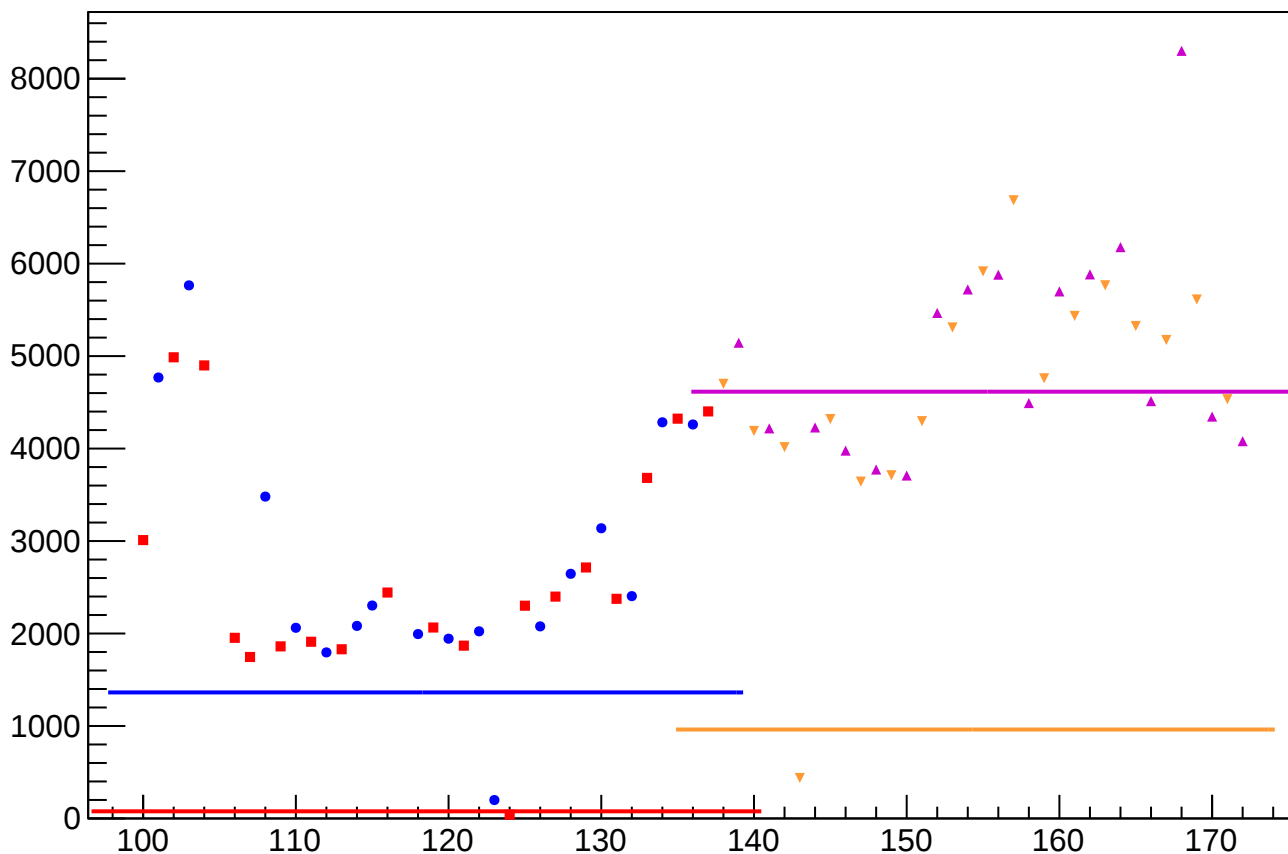
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 8.983 $\pm$ 629.261 χ^2 /NDF:27.5/33

Out: 38.029 $\pm$ 110.870 χ^2 /NDF:48.1/36

All: 37.154 $\pm$ 109.188 χ^2 /NDF: 75.6/70

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 961.802 $\pm$ 0.330 χ^2 /NDF: 18415626.7/17

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

Left In: 4615.113 $\pm$ 0.912 χ^2 /NDF: 1010963.1/16

Left: 1385.744 $\pm$ 0.311 χ^2 /NDF: 33615394.8/34

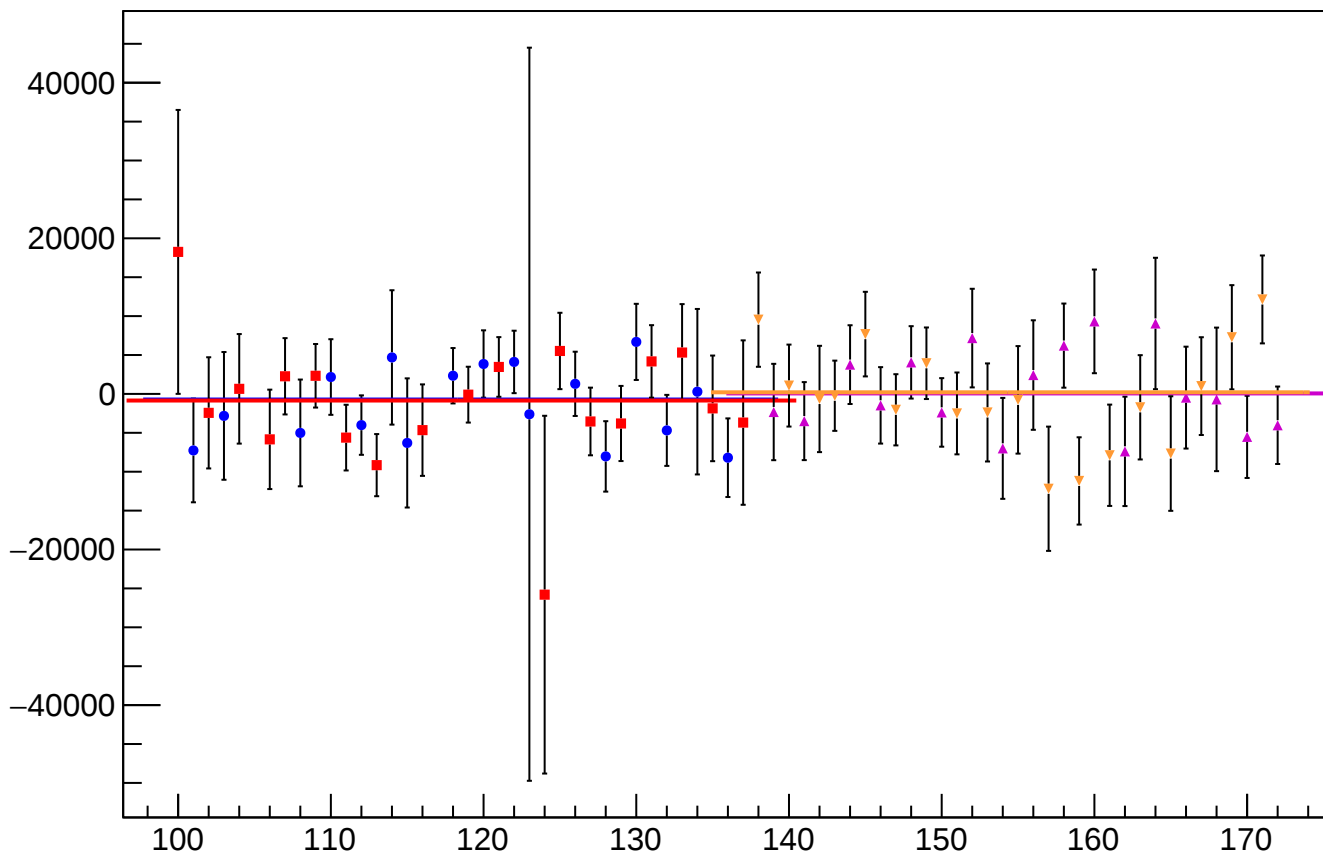
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2137.233 $\pm$ 0.445 χ^2 /NDF: 16938703.0/33

Out: 126.941 $\pm$ 0.078 χ^2 /NDF: 38429956.7/36

All: 187.468 $\pm$ 0.077 χ^2 /NDF: 75166122.0/70

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 207.381+/-1366.397 χ^2/NDF : 20.6/17

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

Left In: 62.062+/-1393.244 χ^2/NDF : 12.2/16

Left: 136.135+/-975.542 χ^2/NDF : 32.8/34

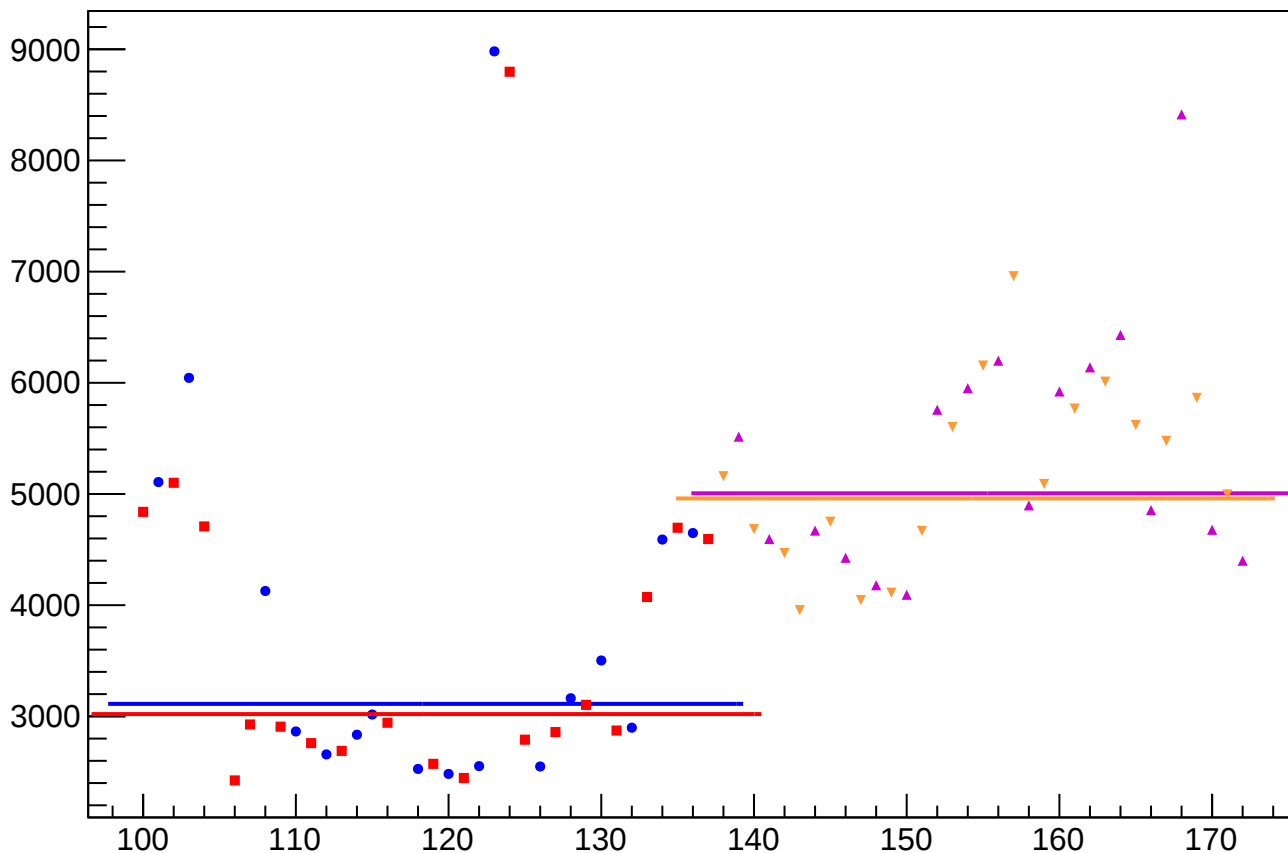
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -371.269+/-931.455 χ^2/NDF : 27.1/33

Out: -393.006+/-898.202 χ^2/NDF : 36.9/36

All: -382.532+/-646.561 χ^2/NDF : 64.0/70

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4960.045 $\pm$ 0.966 χ^2 /NDF: 627332.7/17

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

Left In: 5006.149 $\pm$ 0.985 χ^2 /NDF: 799495.1/16

Left: 4982.649 $\pm$ 0.690 χ^2 /NDF: 1427944.1/34

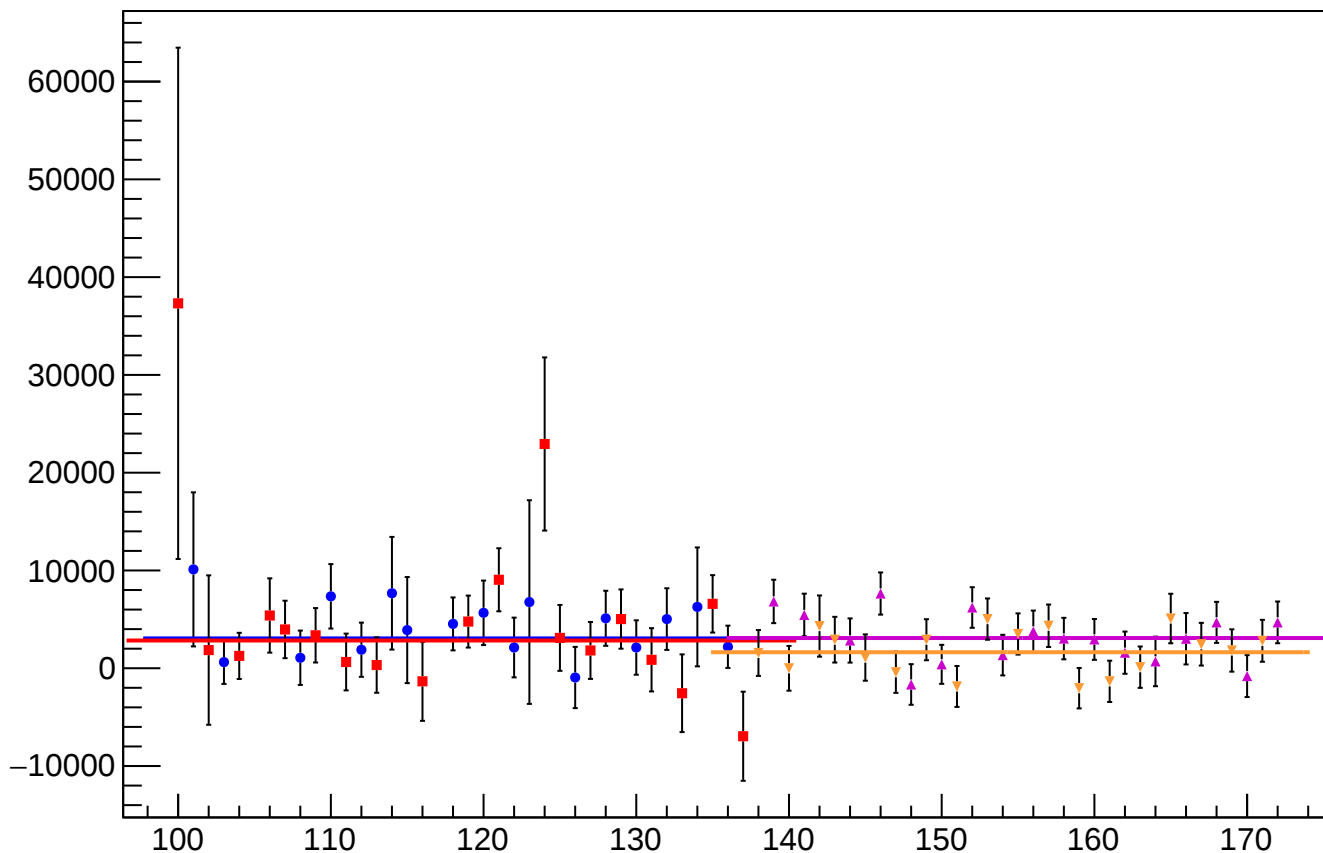
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

In: 3958.735 $\pm$ 0.659 χ^2 /NDF: 3801872.2/33

Out: 3846.595 $\pm$ 0.631 χ^2 /NDF: 3735093.0/36

All: 3900.227 $\pm$ 0.455 χ^2 /NDF: 7552090.0/70

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1639.246 $\pm$ 522.976 χ^2 /NDF:18.6/17

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

Left In: 3089.738 $\pm$ 525.312 χ^2 /NDF:24.4/16

Left: 2361.260 $\pm$ 370.623 χ^2 /NDF: 46.8/34

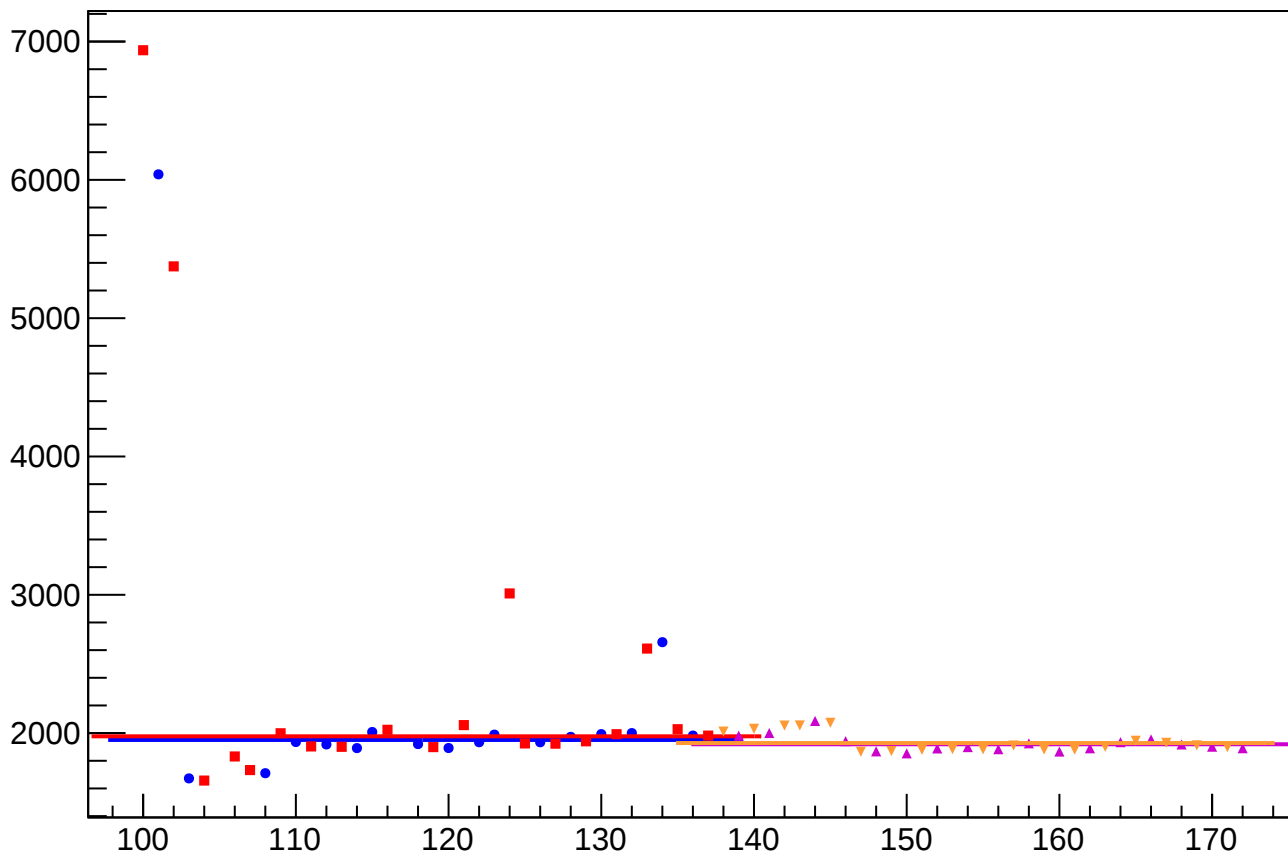
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3076.879 $\pm$ 434.359 χ^2 /NDF:33.7/33

Out: 2020.677 $\pm$ 431.892 χ^2 /NDF:44.0/36

All: 2545.769 $\pm$ 306.262 χ^2 /NDF: 80.7/70

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 1928.277 $\pm$ 0.370 χ^2 /NDF: 32660.5/17

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

Left In: 1919.448 $\pm$ 0.371 χ^2 /NDF: 22849.1/16

Left: 1923.882 $\pm$ 0.262 χ^2 /NDF: 55793.4/34

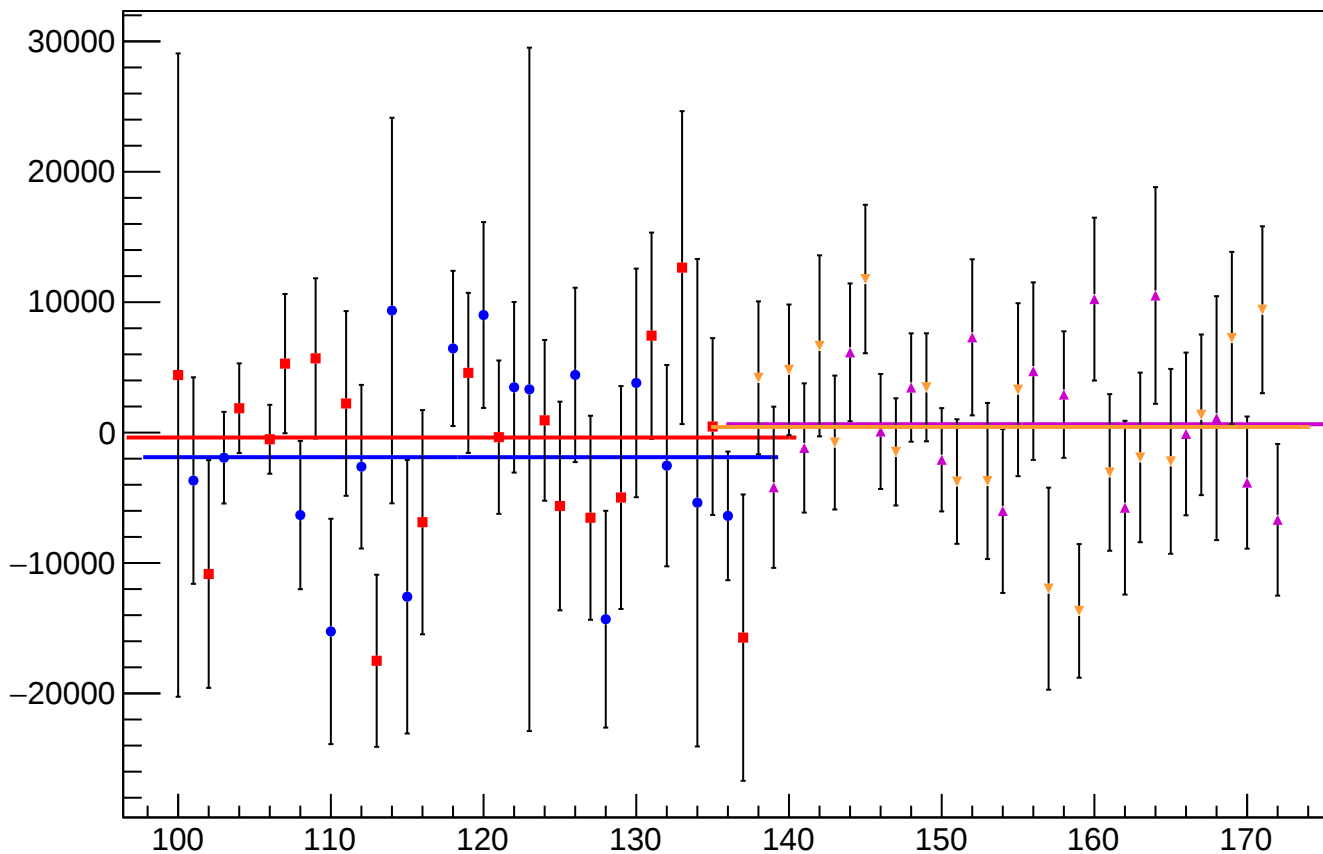
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1929.330 $\pm$ 0.307 χ^2 /NDF: 640252.2/33

Out: 1943.777 $\pm$ 0.305 χ^2 /NDF: 645887.2/36

All: 1936.596 $\pm$ 0.217 χ^2 /NDF: 1287252.2/70

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 431.250+/-1324.386 χ^2/NDF : 22.0/17

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

Left In: 641.459+/-1334.754 χ^2/NDF : 12.8/16

Left: 535.535+/-940.127 χ^2/NDF : 34.8/34

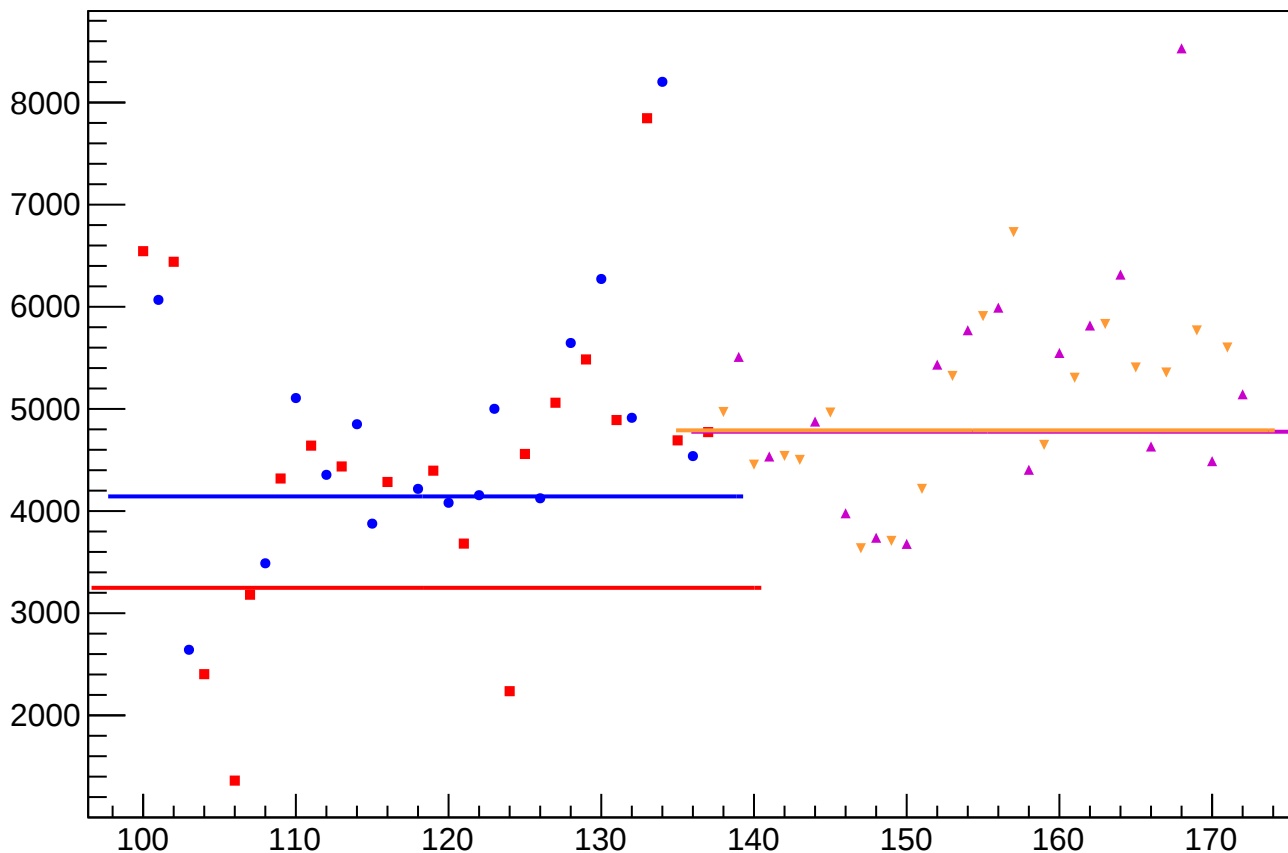
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -352.163+/-1039.702 χ^2/NDF : 28.3/33

Out: 37.800+/-948.693 χ^2/NDF : 39.8/36

All: -139.370+/-700.797 χ^2/NDF : 68.2/70

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4790.314+/-0.936 χ^2/NDF : 718421.6/17

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

Left In: 4776.786+/-0.944 χ^2/NDF : 1012447.3/16

Left: 4783.603+/-0.665 χ^2/NDF : 1730972.4/34

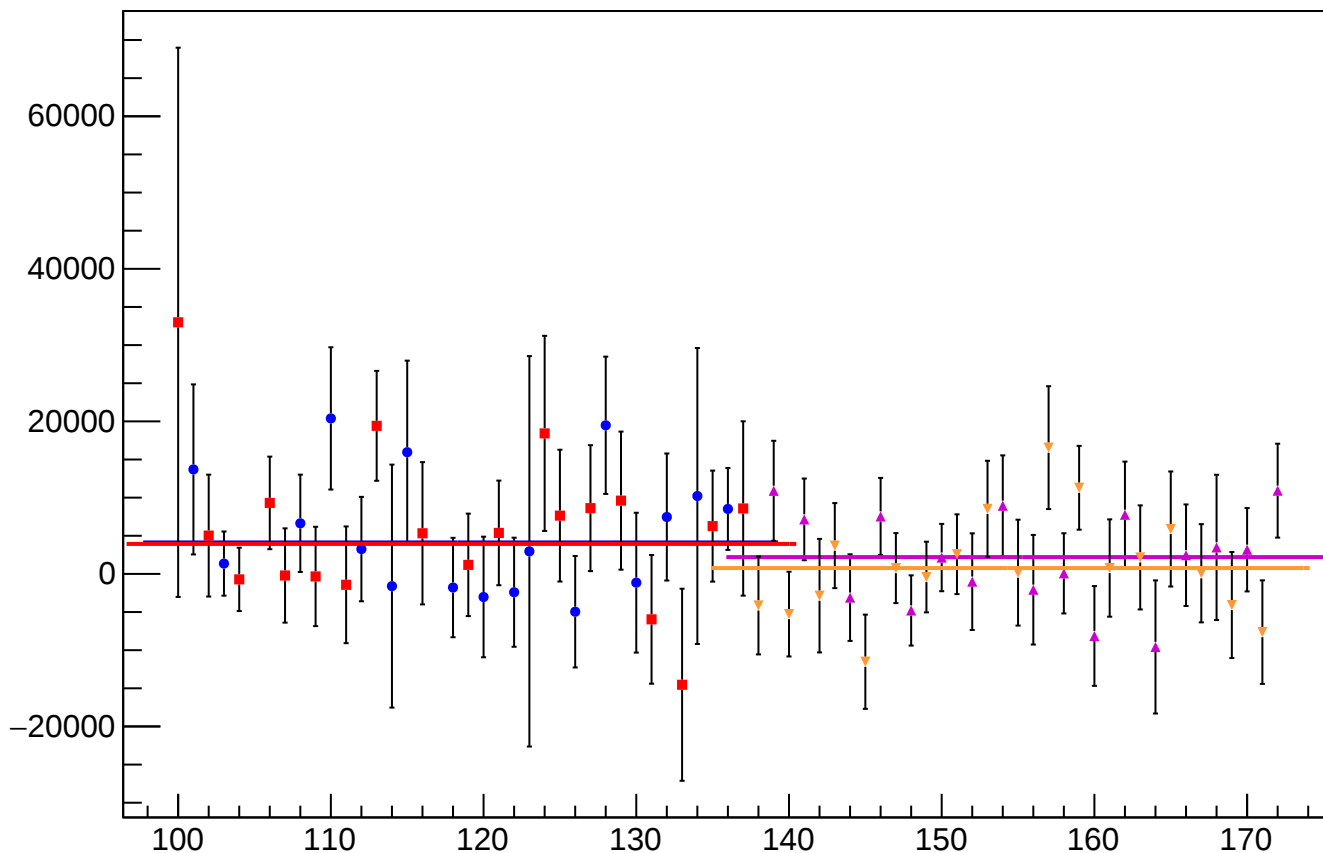
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4527.743+/-0.735 χ^2/NDF : 2045478.7/33

Out: 4039.706+/-0.671 χ^2/NDF : 4655693.3/36

All: 4261.434+/-0.496 χ^2/NDF : 6941636.5/70

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: 767.565 $\pm$ 1431.044 χ^2 /NDF:18.0/17

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 2204.317 $\pm$ 1442.111 χ^2 /NDF:15.7/16

Left: 1480.407 $\pm$ 1015.791 χ^2 /NDF: 34.2/34

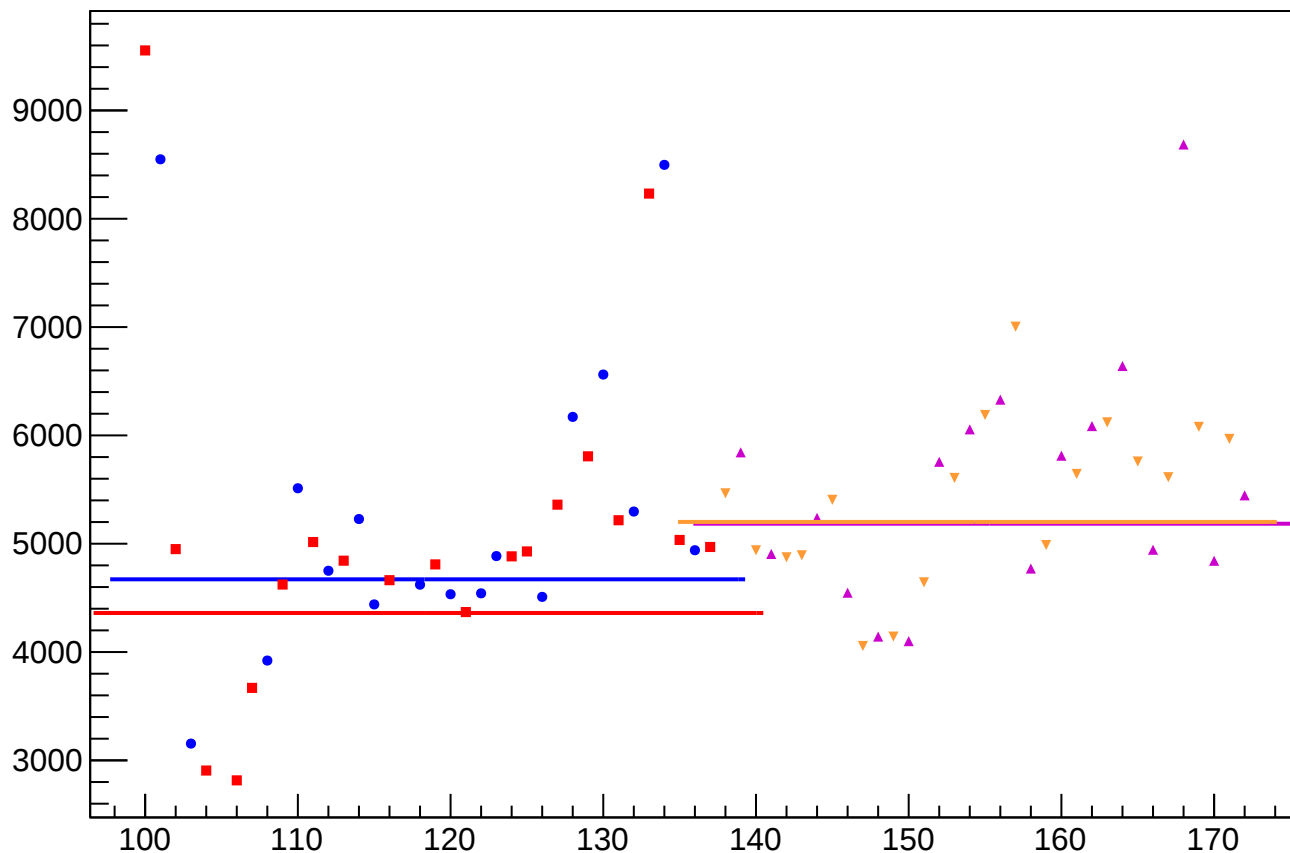
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2924.554 $\pm$ 1140.388 χ^2 /NDF:30.1/33

Out: 2057.688 $\pm$ 1101.513 χ^2 /NDF:34.9/36

All: 2476.094 $\pm$ 792.274 χ^2 /NDF: 65.3/70

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5201.199+/-1.012 χ^2/NDF : 546109.5/17

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

Left In: 5184.604+/-1.020 χ^2/NDF : 786919.0/16

Left: 5192.965+/-0.718 χ^2/NDF : 1333161.9/34

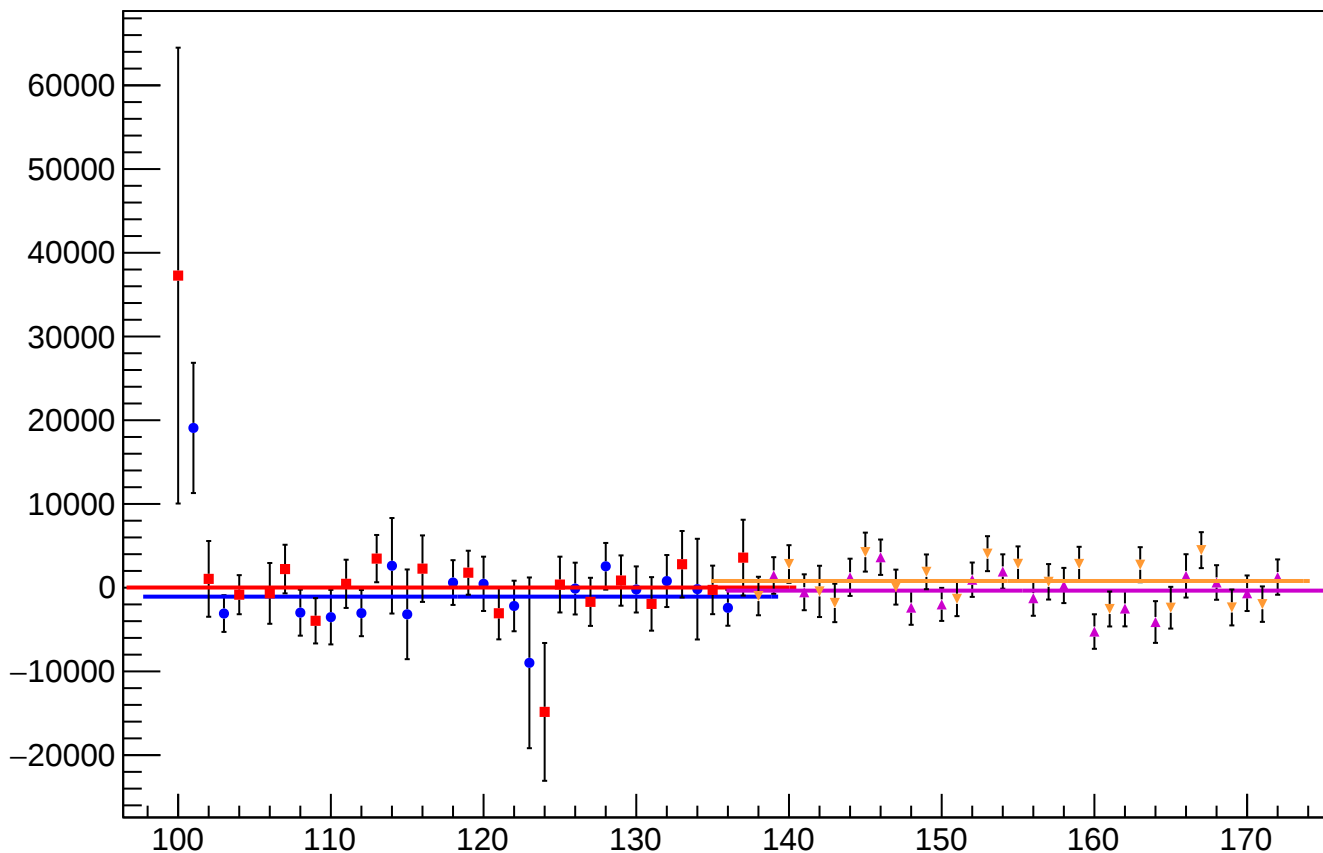
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4992.290+/-0.806 χ^2/NDF : 1667960.1/33

Out: 4856.256+/-0.777 χ^2/NDF : 1663435.0/36

All: 4921.754+/-0.560 χ^2/NDF : 3346151.8/70

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 798.880 ± 515.703 χ^2/NDF : 22.8/17

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

Left In: -352.270 ± 518.459 χ^2/NDF : 18.5/16

Left: 226.373 ± 365.627 χ^2/NDF : 43.8/34

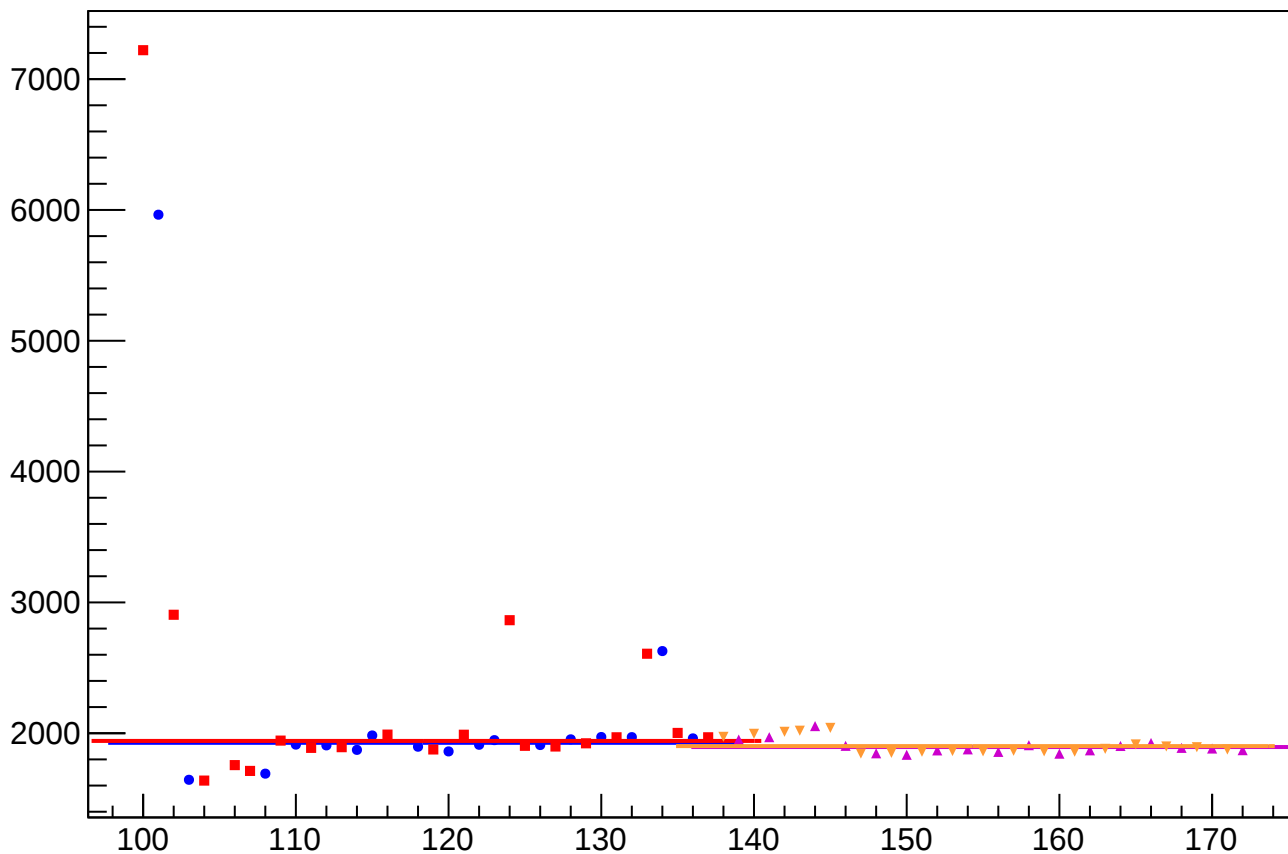
Right: -515.074 ± 534.061 χ^2/NDF : 28.0/35

In: -579.391 ± 428.822 χ^2/NDF : 32.8/33

Out: 547.599 ± 424.540 χ^2/NDF : 36.9/36

All: -10.242 ± 301.698 χ^2/NDF : 73.2/70

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1901.687 $\pm$ 0.365 χ^2 /NDF: 28154.0/17

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1894.556 $\pm$ 0.367 χ^2 /NDF: 20437.2/16

Left: 1898.140 $\pm$ 0.259 χ^2 /NDF: 48781.5/34

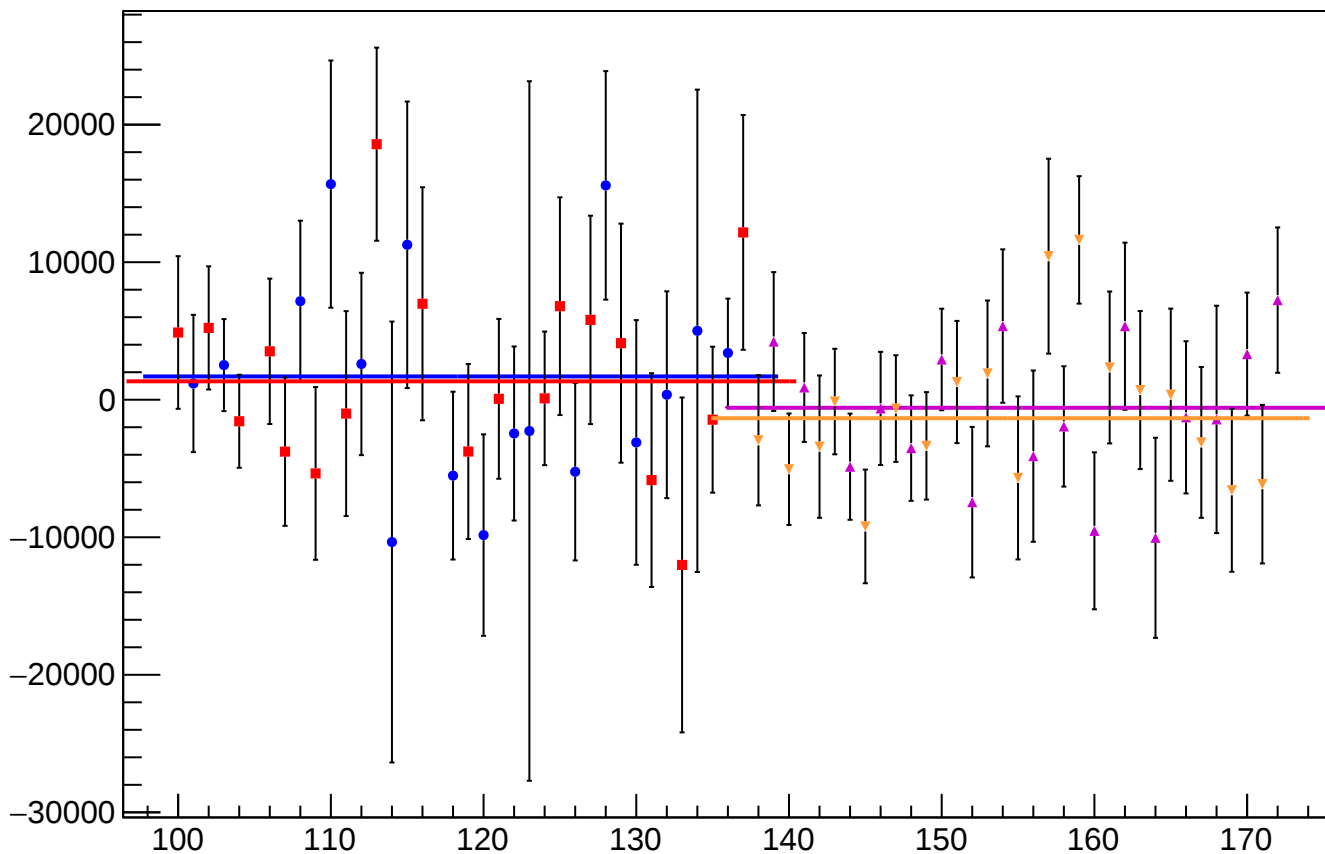
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1904.770 $\pm$ 0.303 χ^2 /NDF: 640010.9/33

Out: 1914.454 $\pm$ 0.300 χ^2 /NDF: 336321.1/36

All: 1909.662 $\pm$ 0.213 χ^2 /NDF: 976847.3/70

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2 /NDF: 13.6/16

Left Out: -1342.760 $\pm$ 1144.807 χ^2 /NDF: 19.2/17

Right Out: 1338.172 $\pm$ 1369.005 χ^2 /NDF: 16.3/18

Left In: -585.858 $\pm$ 1175.198 χ^2 /NDF: 15.0/16

Left: -974.223 $\pm$ 820.035 χ^2 /NDF: 34.4/34

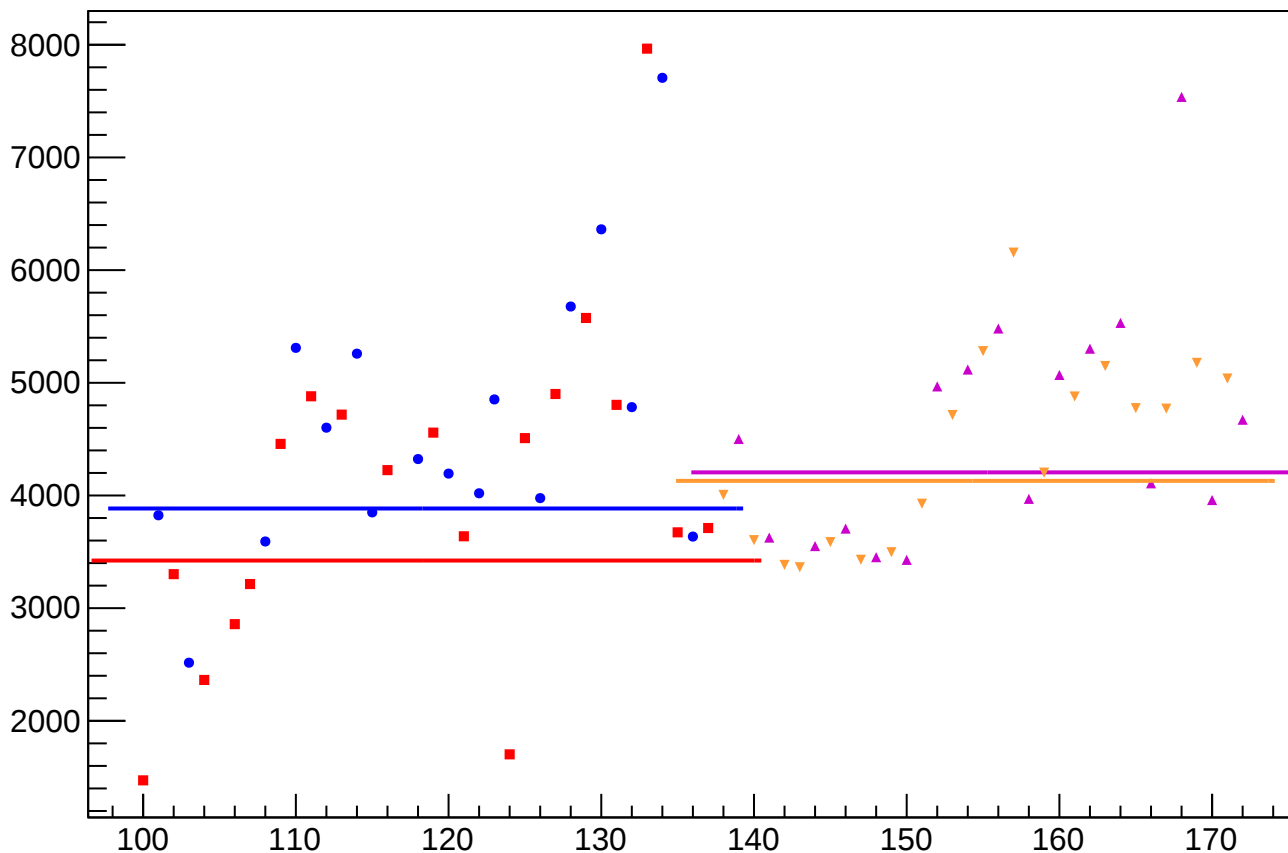
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: 245.003 $\pm$ 936.891 χ^2 /NDF: 30.0/33

Out: -239.510 $\pm$ 878.212 χ^2 /NDF: 37.8/36

All: -12.900 $\pm$ 640.730 χ^2 /NDF: 67.9/70

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4129.771 $\pm$ 0.810 χ^2 /NDF: 837220.6/17

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

Left In: 4205.225 $\pm$ 0.831 χ^2 /NDF: 1009245.2/16

Left: 4166.510 $\pm$ 0.580 χ^2 /NDF: 1850696.1/34

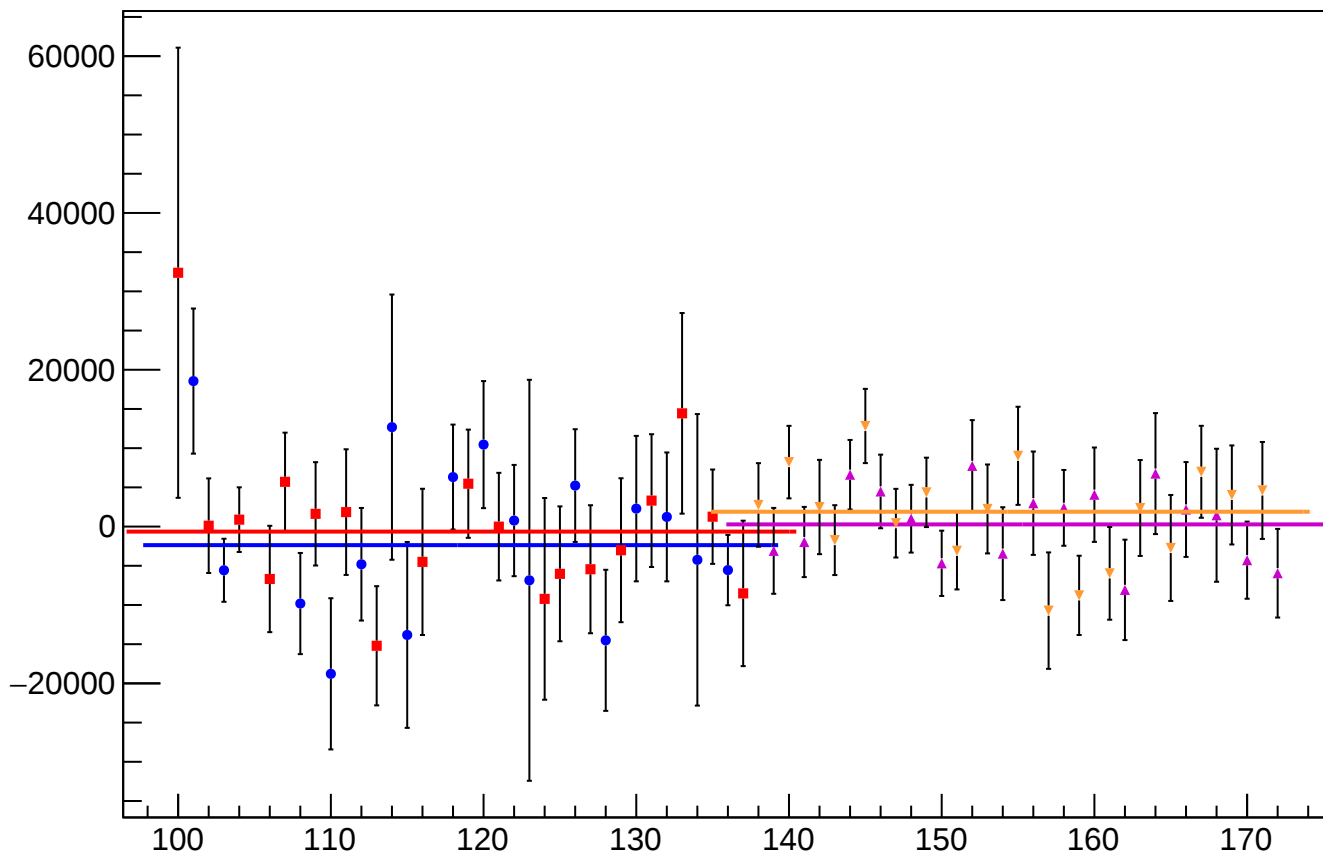
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4088.377 $\pm$ 0.662 χ^2 /NDF: 1890061.9/33

Out: 3838.770 $\pm$ 0.621 χ^2 /NDF: 2741544.8/36

All: 3955.512 $\pm$ 0.453 χ^2 /NDF: 4707171.7/70

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1892.500 $\pm$ 1269.451 χ^2/NDF : 21.3/17

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

Left In: 277.084 $\pm$ 1294.194 χ^2/NDF : 12.3/16

Left: 1100.382 $\pm$ 906.259 χ^2/NDF : 34.4/34

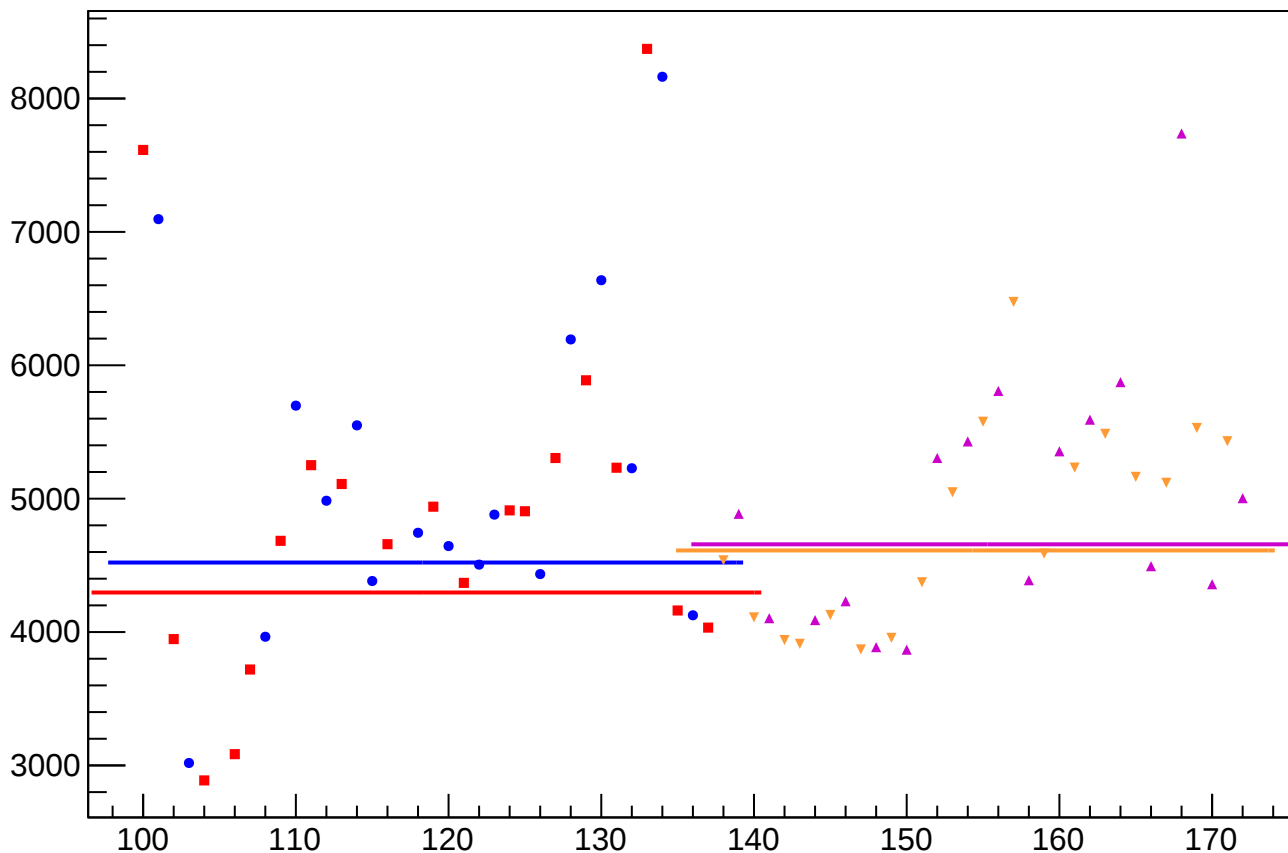
Right: -1449.011 $\pm$ 1232.750 χ^2/NDF : 32.4/35

In: -622.879 $\pm$ 1051.169 χ^2/NDF : 33.9/33

Out: 978.788 $\pm$ 1015.034 χ^2/NDF : 34.6/36

All: 205.957 $\pm$ 730.178 χ^2/NDF : 69.6/70

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4611.805+/-0.898 χ^2/NDF : 579037.1/17

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

Left In: 4657.838+/-0.915 χ^2/NDF : 743875.0/16

Left: 4634.377+/-0.641 χ^2/NDF : 1324201.7/34

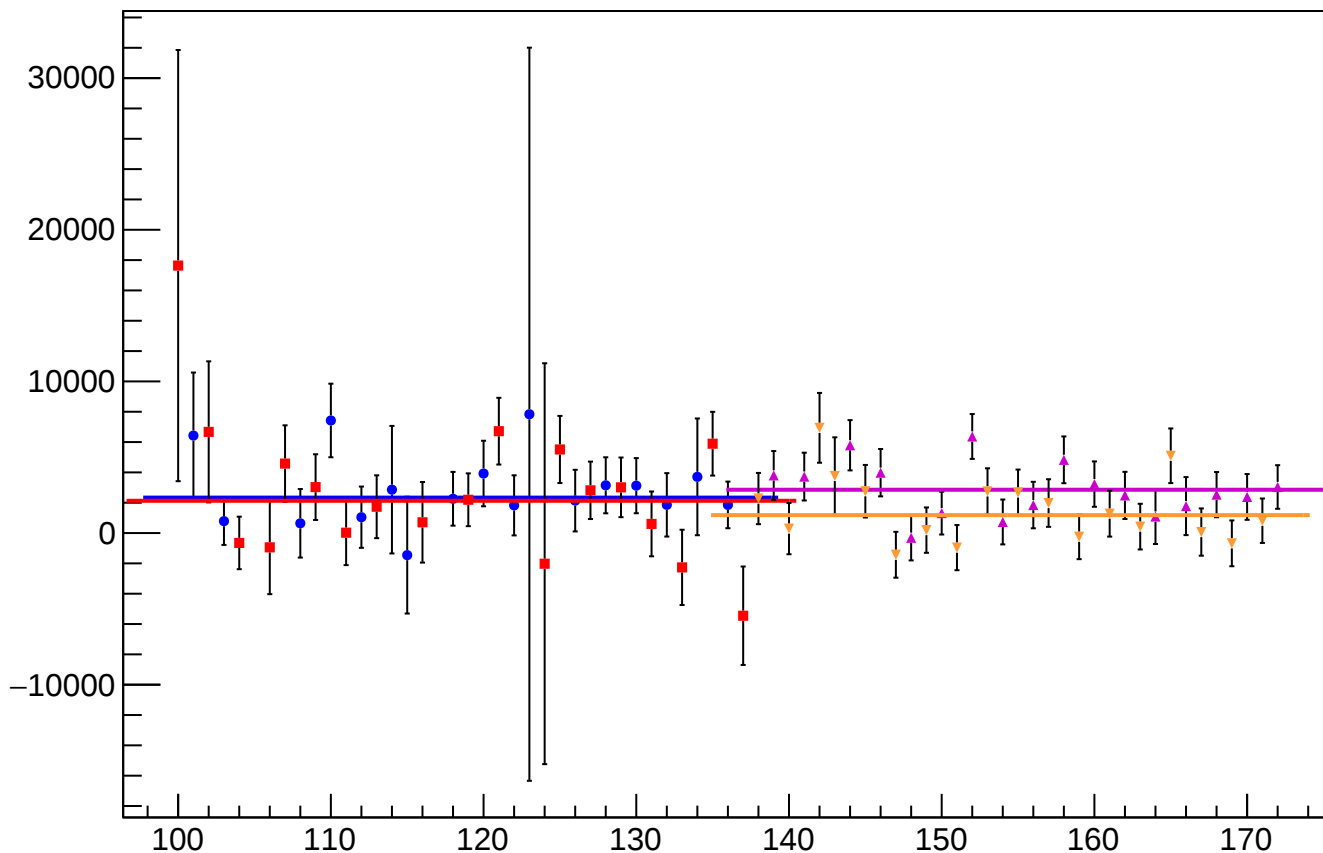
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4611.350+/-0.743 χ^2/NDF : 1530133.1/33

Out: 4497.269+/-0.716 χ^2/NDF : 1397069.7/36

All: 4552.201+/-0.516 χ^2/NDF : 2939416.6/70

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1181.751 $\pm$ 379.554 χ^2 /NDF:24.6/17

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

Left In: 2856.063 $\pm$ 375.672 χ^2 /NDF:21.3/16

Left: 2027.514 $\pm$ 267.002 χ^2 /NDF: 55.7/34

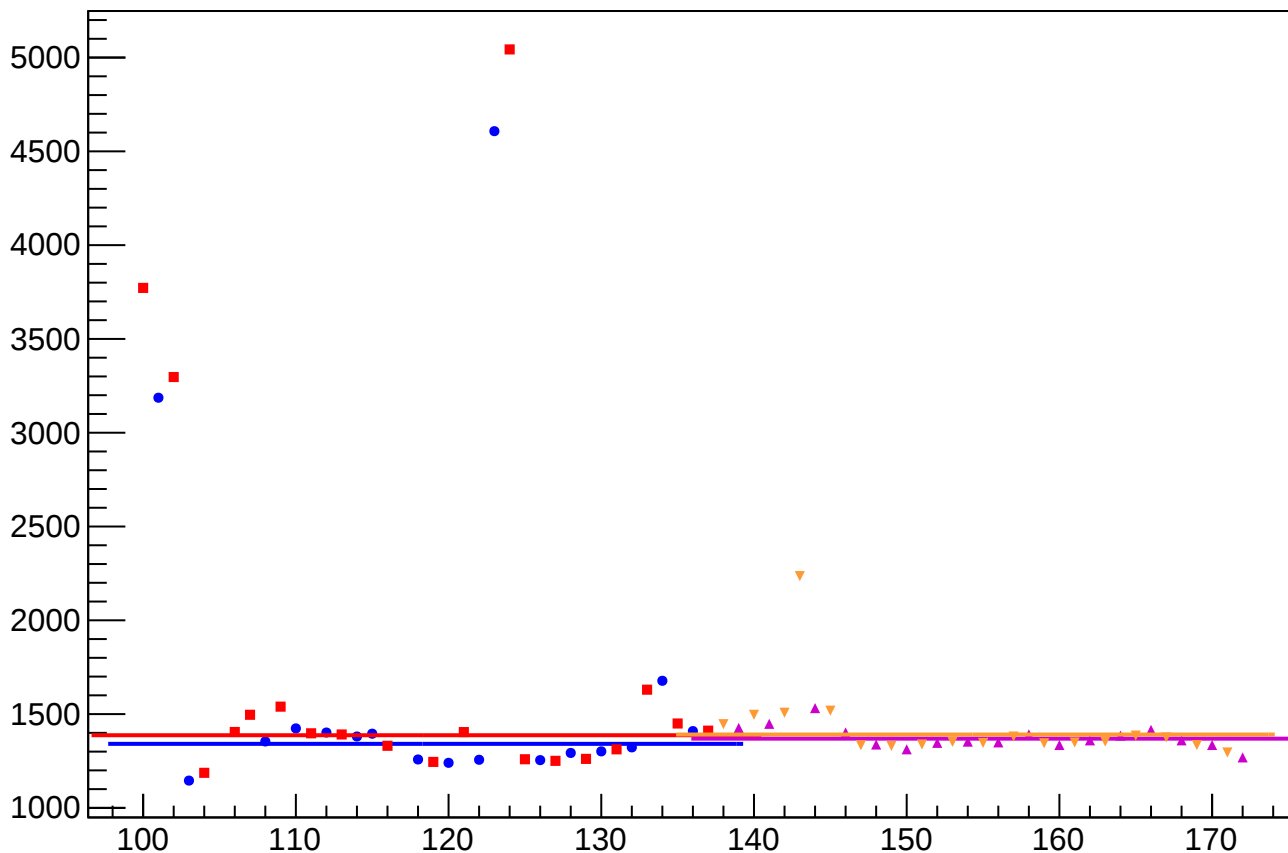
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2682.969 $\pm$ 306.706 χ^2 /NDF:31.6/33

Out: 1495.736 $\pm$ 310.374 χ^2 /NDF:54.2/36

All: 2096.410 $\pm$ 218.159 χ^2 /NDF: 93.2/70

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 ± 0.376 $\chi^2/\text{NDF}: 504272.1/16$

Left Out: 1391.114 ± 0.268 $\chi^2/\text{NDF}: 273389.9/17$

Right Out: 1387.348 ± 0.381 $\chi^2/\text{NDF}: 650193.3/18$

Left In: 1369.100 ± 0.266 $\chi^2/\text{NDF}: 46517.6/16$

Left: 1379.994 ± 0.189 $\chi^2/\text{NDF}: 323305.9/34$

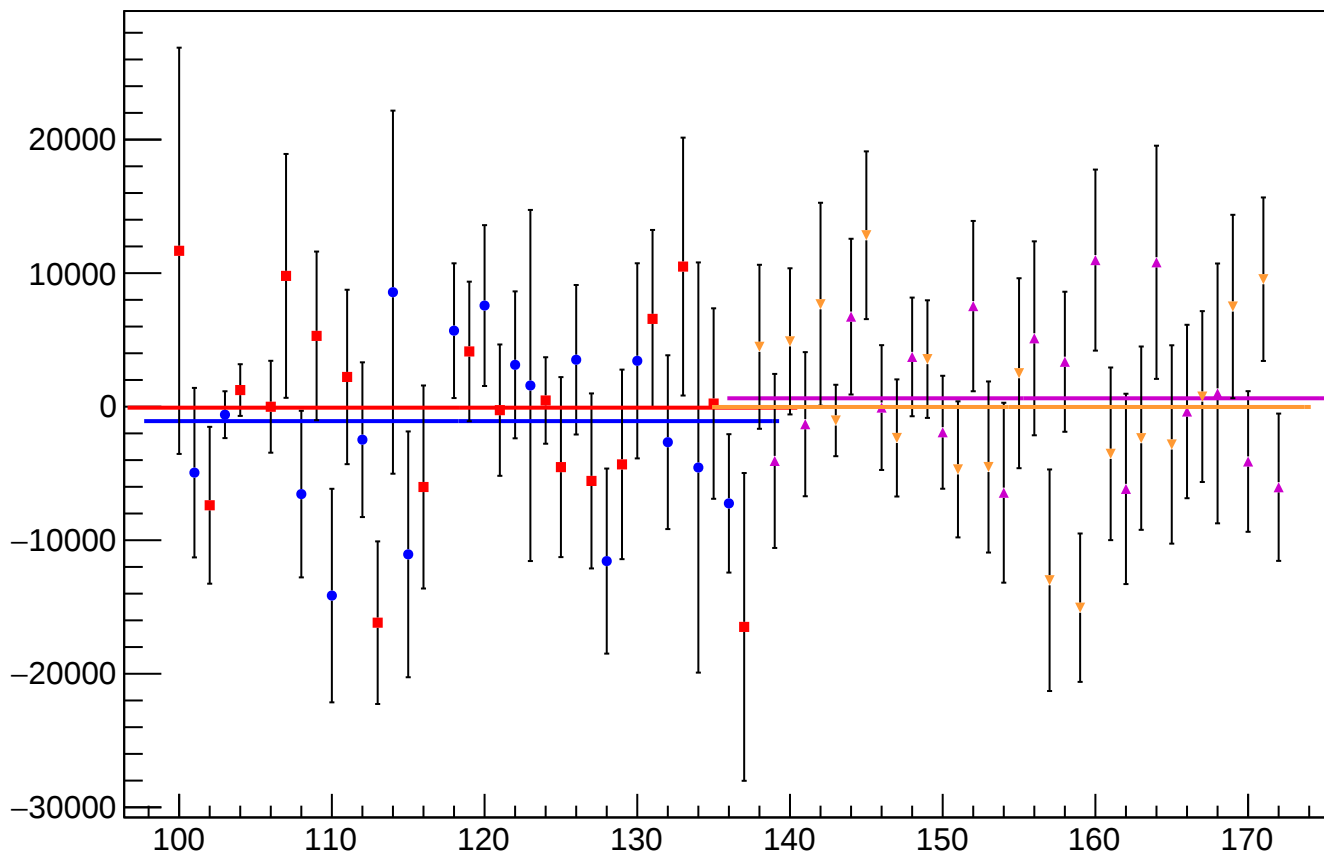
Right: 1364.024 ± 0.268 $\chi^2/\text{NDF}: 1161848.1/35$

In: 1359.855 ± 0.217 $\chi^2/\text{NDF}: 554422.4/33$

Out: 1389.866 ± 0.219 $\chi^2/\text{NDF}: 923648.4/36$

All: 1374.684 ± 0.154 $\chi^2/\text{NDF}: 1487532.9/70$

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -22.093 $\pm$ 1279.182 χ^2 /NDF:23.1/17

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 628.835 $\pm$ 1415.023 χ^2 /NDF:12.4/16

Left: 270.634 $\pm$ 948.919 χ^2 /NDF: 35.6/34

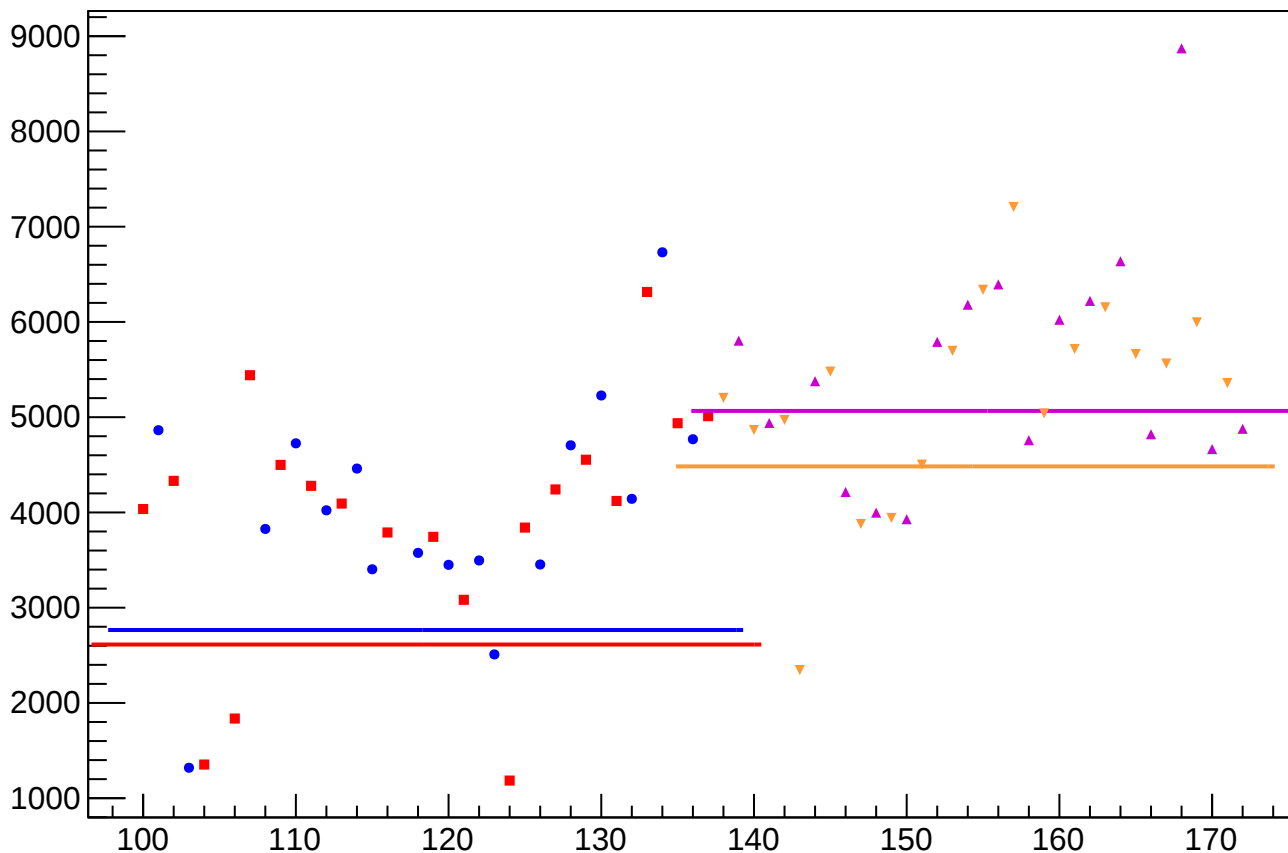
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -357.198 $\pm$ 920.668 χ^2 /NDF:28.3/33

Out: -51.384 $\pm$ 845.291 χ^2 /NDF:41.7/36

All: -191.262 $\pm$ 622.657 χ^2 /NDF: 70.0/70

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4483.328 $\pm$ 0.905 χ^2 /NDF: 2321941.0/17

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

Left In: 5065.786 $\pm$ 1.001 χ^2 /NDF: 993444.1/16

Left: 4745.264 $\pm$ 0.671 χ^2 /NDF: 3501862.5/34

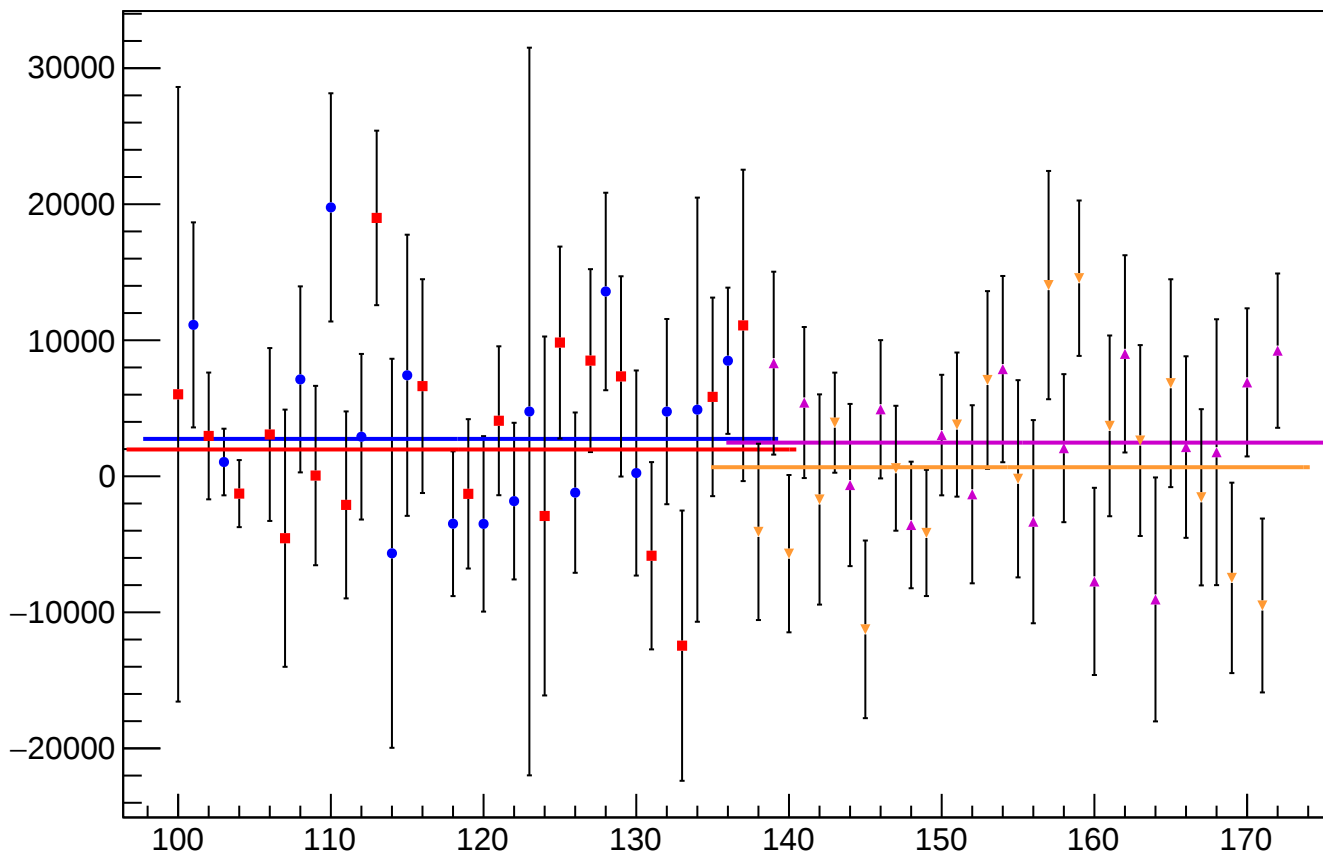
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3739.417 $\pm$ 0.651 χ^2 /NDF: 6979753.0/33

Out: 3429.913 $\pm$ 0.598 χ^2 /NDF: 8069528.8/36

All: 3571.478 $\pm$ 0.440 χ^2 /NDF: 15171924.2/70

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 667.378+/-1395.509 χ^2/NDF : 21.8/17

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

Left In: 2474.101+/-1466.012 χ^2/NDF : 11.6/16

Left: 1526.252+/-1010.779 χ^2/NDF : 34.1/34

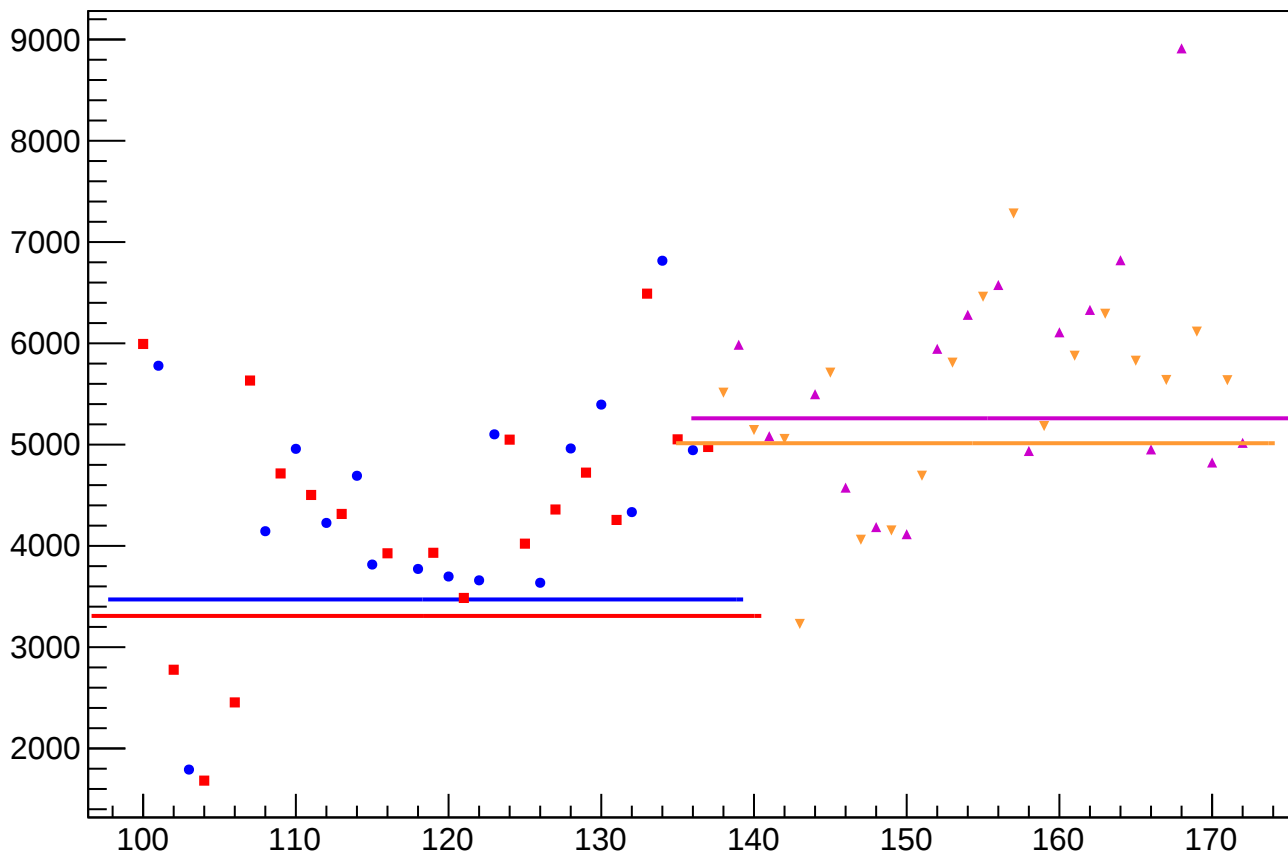
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2613.014+/-1029.709 χ^2/NDF : 25.4/33

Out: 1325.745+/-981.858 χ^2/NDF : 40.0/36

All: 1938.776+/-710.593 χ^2/NDF : 66.2/70

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: 5013.794+/-0.987 χ^2/NDF : 1135693.2/17

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

Left In: 5259.784+/-1.037 χ^2/NDF : 875190.9/16

Left: 5130.732+/-0.715 χ^2/NDF : 2040426.0/34

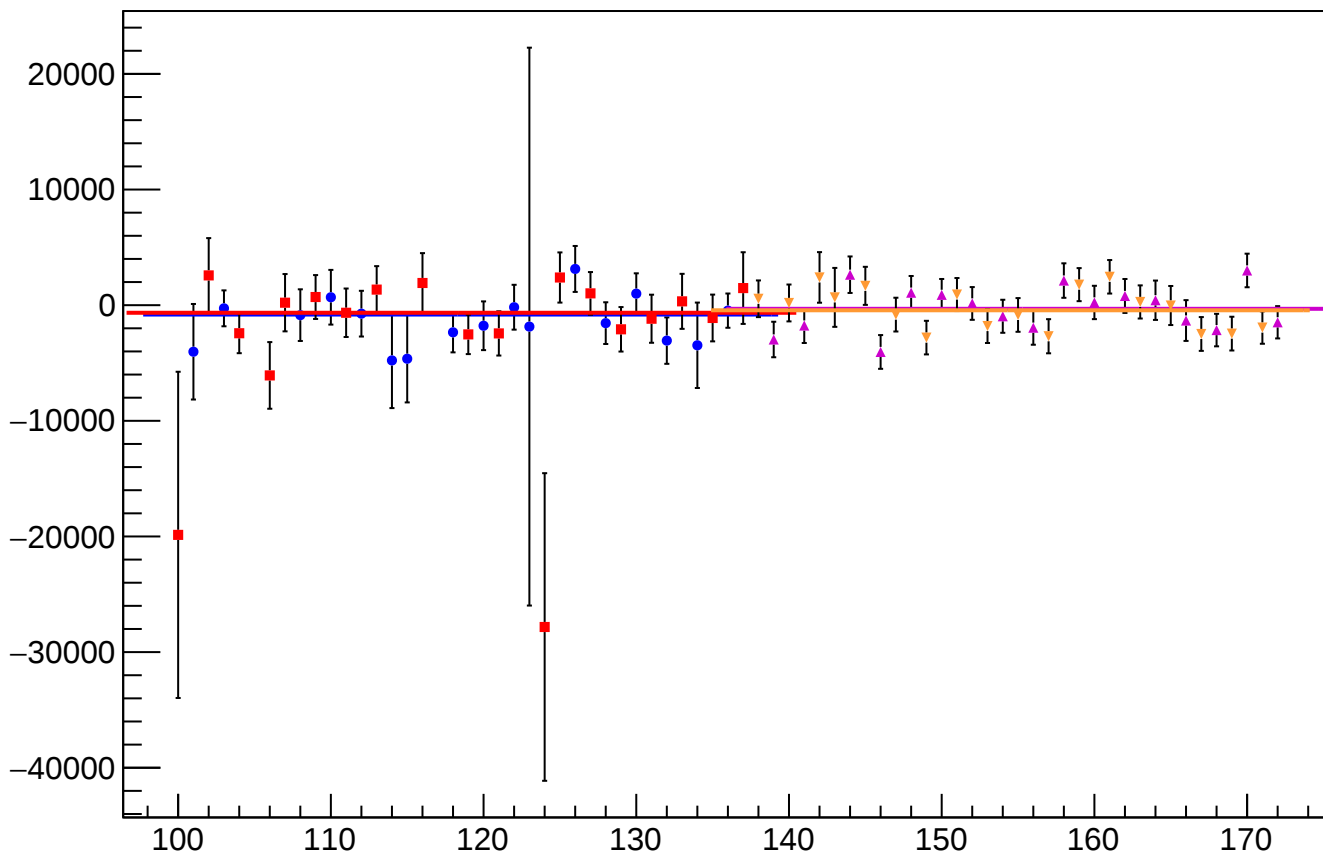
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4353.551+/-0.728 χ^2/NDF : 4151481.1/33

Out: 4144.876+/-0.691 χ^2/NDF : 4571775.8/36

All: 4243.769+/-0.501 χ^2/NDF : 8766469.5/70

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -440.539+/-362.678 χ^2/NDF : 22.7/17

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

Left In: -313.363+/-359.153 χ^2/NDF : 28.7/16

Left: -376.330+/-255.196 χ^2/NDF : 51.5/34

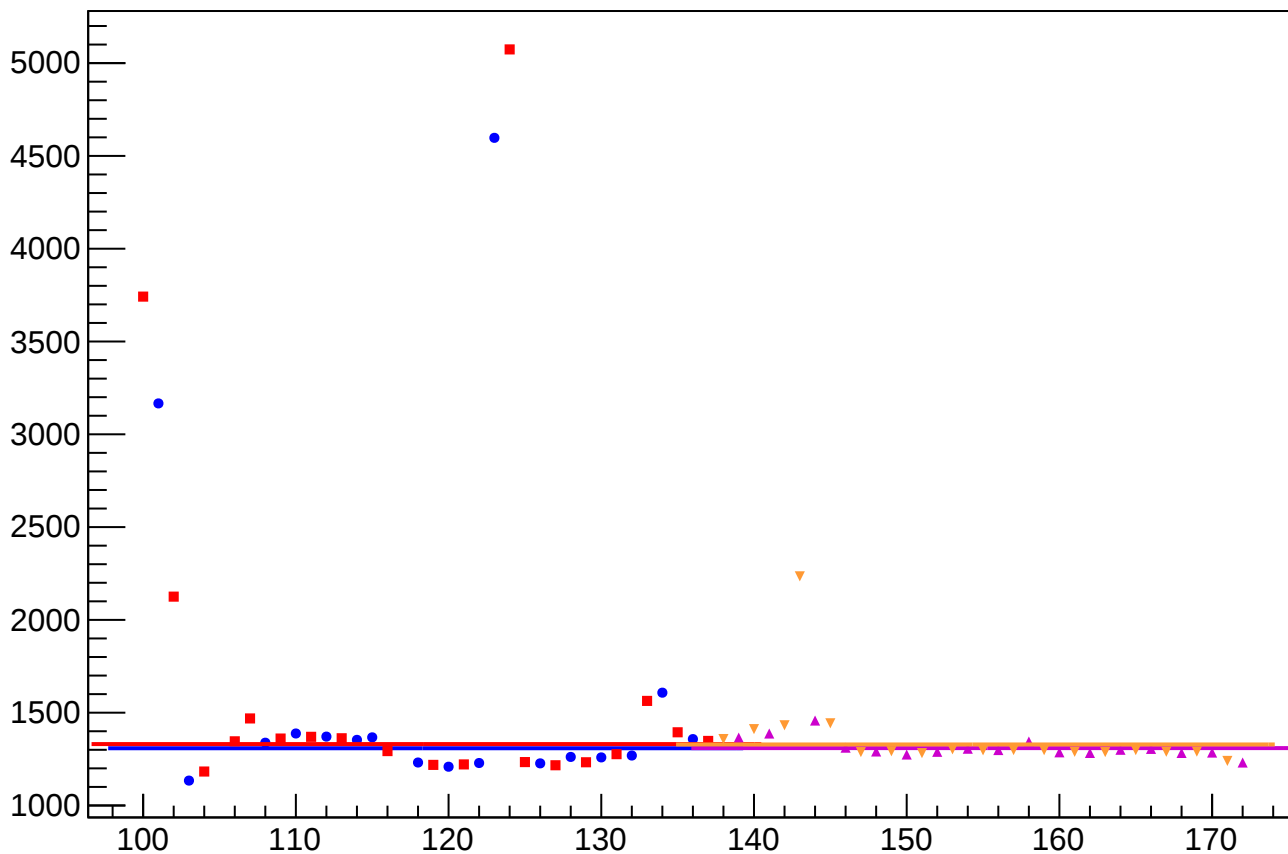
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -474.200+/-295.184 χ^2/NDF : 40.5/33

Out: -512.128+/-296.448 χ^2/NDF : 43.2/36

All: -493.083+/-209.172 χ^2/NDF : 83.8/70

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1328.806 $\pm$ 0.256 χ^2 /NDF: 295967.3/17

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

Left In: 1309.165 $\pm$ 0.254 χ^2 /NDF: 37711.6/16

Left: 1318.889 $\pm$ 0.180 χ^2 /NDF: 336640.5/34

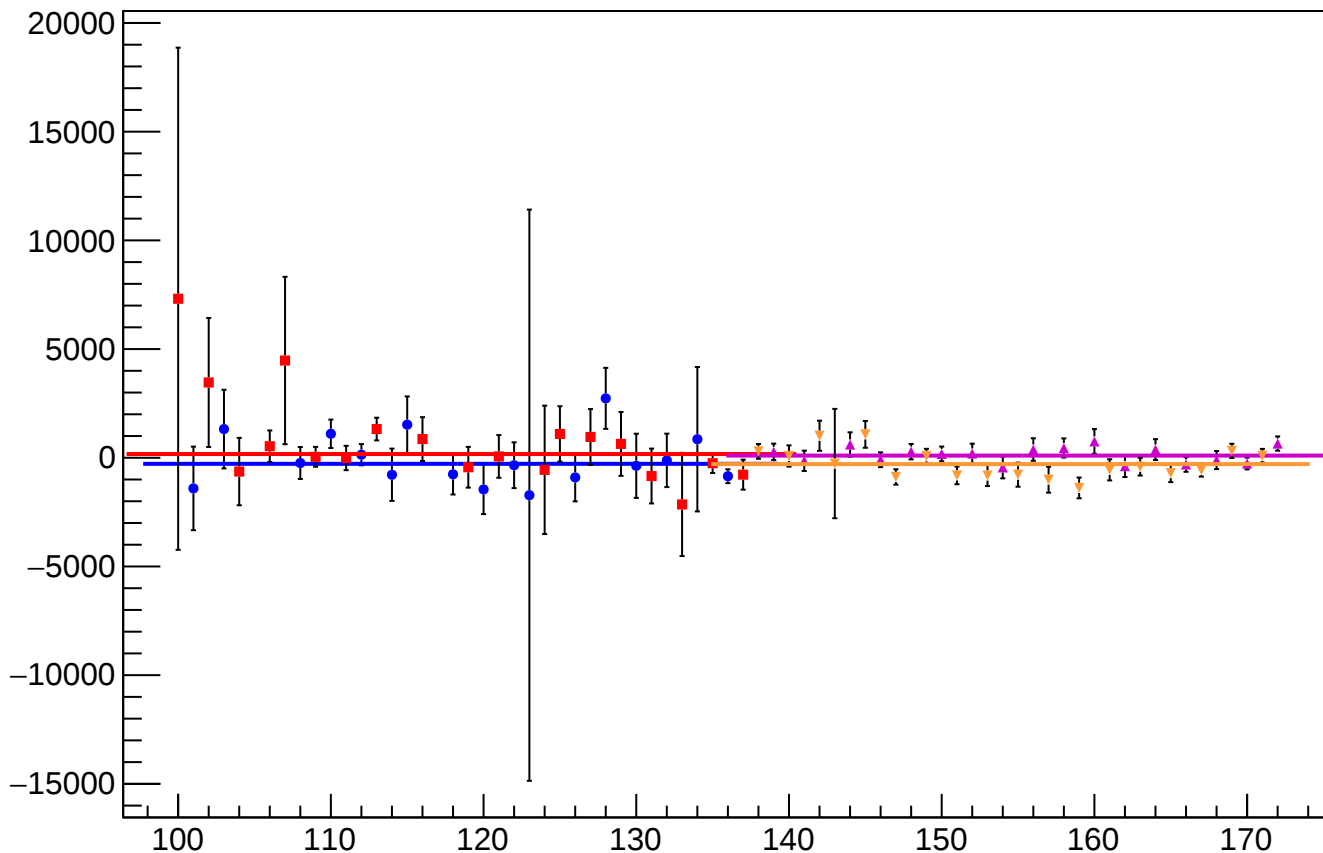
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1308.906 $\pm$ 0.209 χ^2 /NDF: 544259.9/33

Out: 1329.488 $\pm$ 0.210 χ^2 /NDF: 711834.1/36

All: 1319.153 $\pm$ 0.148 χ^2 /NDF: 1260935.0/70

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -291.350 ± 99.160 $\chi^2/\text{NDF}: 33.4/17$

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

Left In: 100.512 ± 96.900 $\chi^2/\text{NDF}: 13.0/16$

Left: -90.903 ± 69.304 $\chi^2/\text{NDF}: 54.4/34$

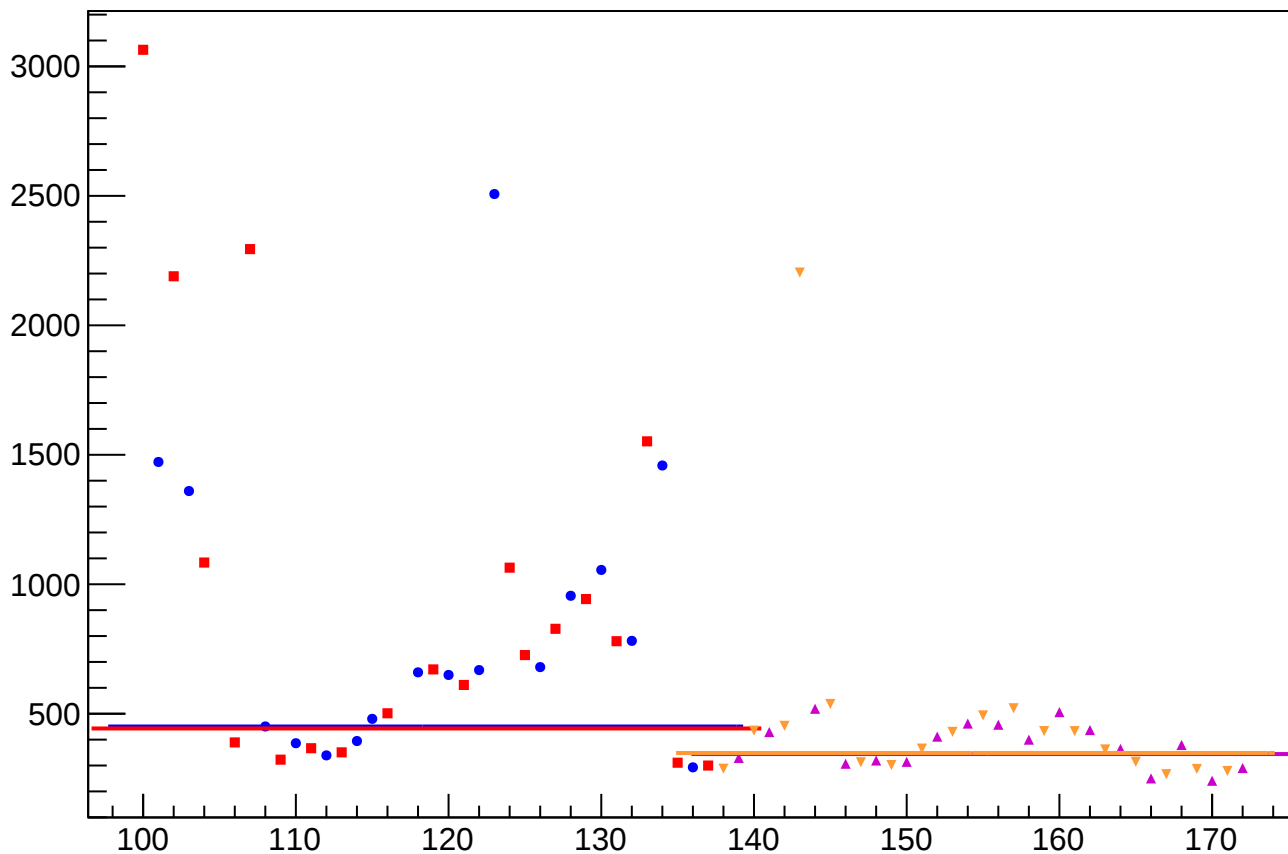
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: 27.309 ± 87.047 $\chi^2/\text{NDF}: 34.0/33$

Out: -194.238 ± 88.148 $\chi^2/\text{NDF}: 52.8/36$

All: -82.072 ± 61.937 $\chi^2/\text{NDF}: 89.9/70$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 348.525 $\pm$ 0.070 χ^2 /NDF: 2326012.2/17

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 344.224 $\pm$ 0.069 χ^2 /NDF: 1337829.9/16

Left: 346.325 $\pm$ 0.049 χ^2 /NDF: 3665766.4/34

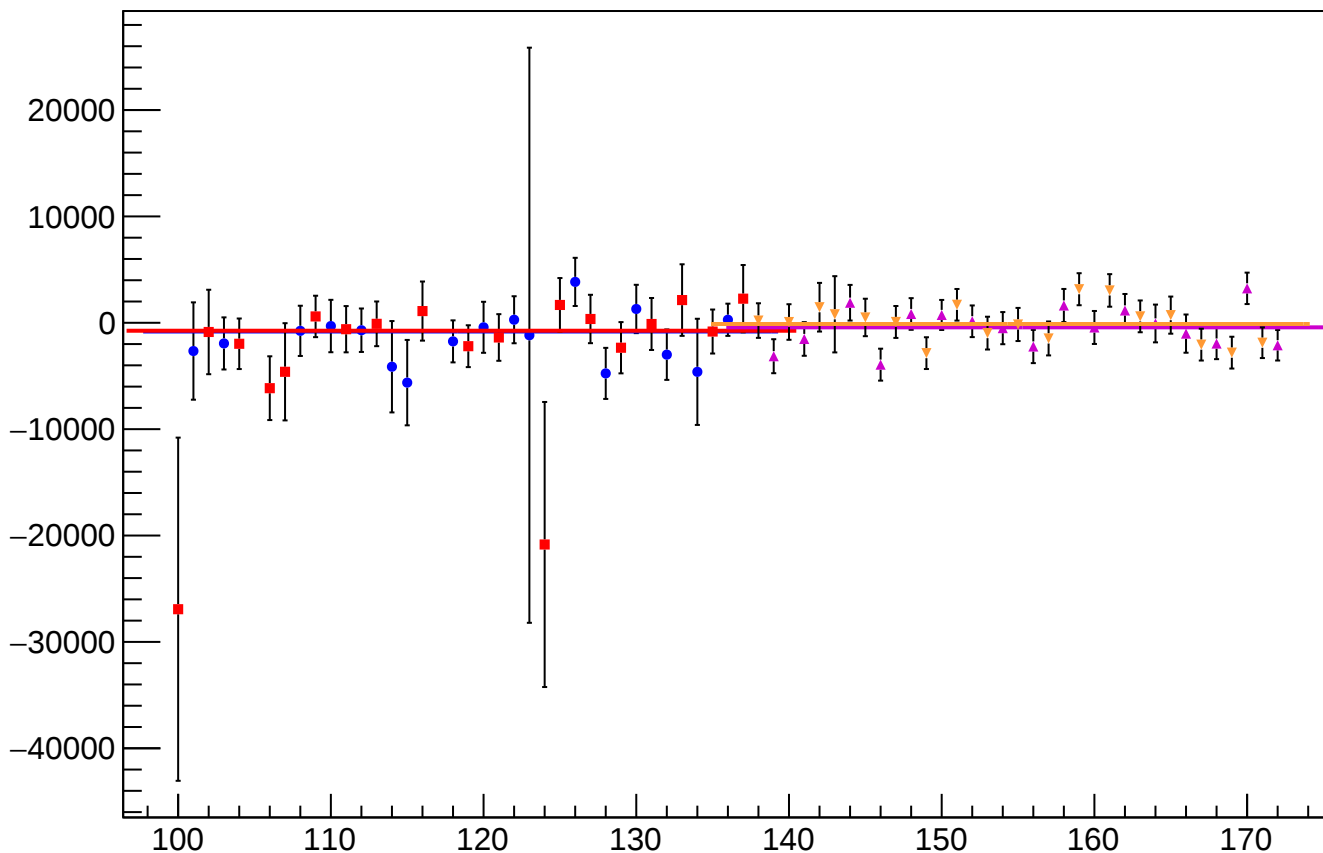
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 364.758 $\pm$ 0.062 χ^2 /NDF: 4800792.0/33

Out: 368.363 $\pm$ 0.062 χ^2 /NDF: 6178990.2/36

All: 366.538 $\pm$ 0.044 χ^2 /NDF: 10981476.0/70

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.618+/-380.198 χ^2/NDF :22.5/17

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

Left In: -428.573+/-374.571 χ^2/NDF :25.2/16

Left: -273.936+/-266.829 χ^2/NDF : 48.0/34

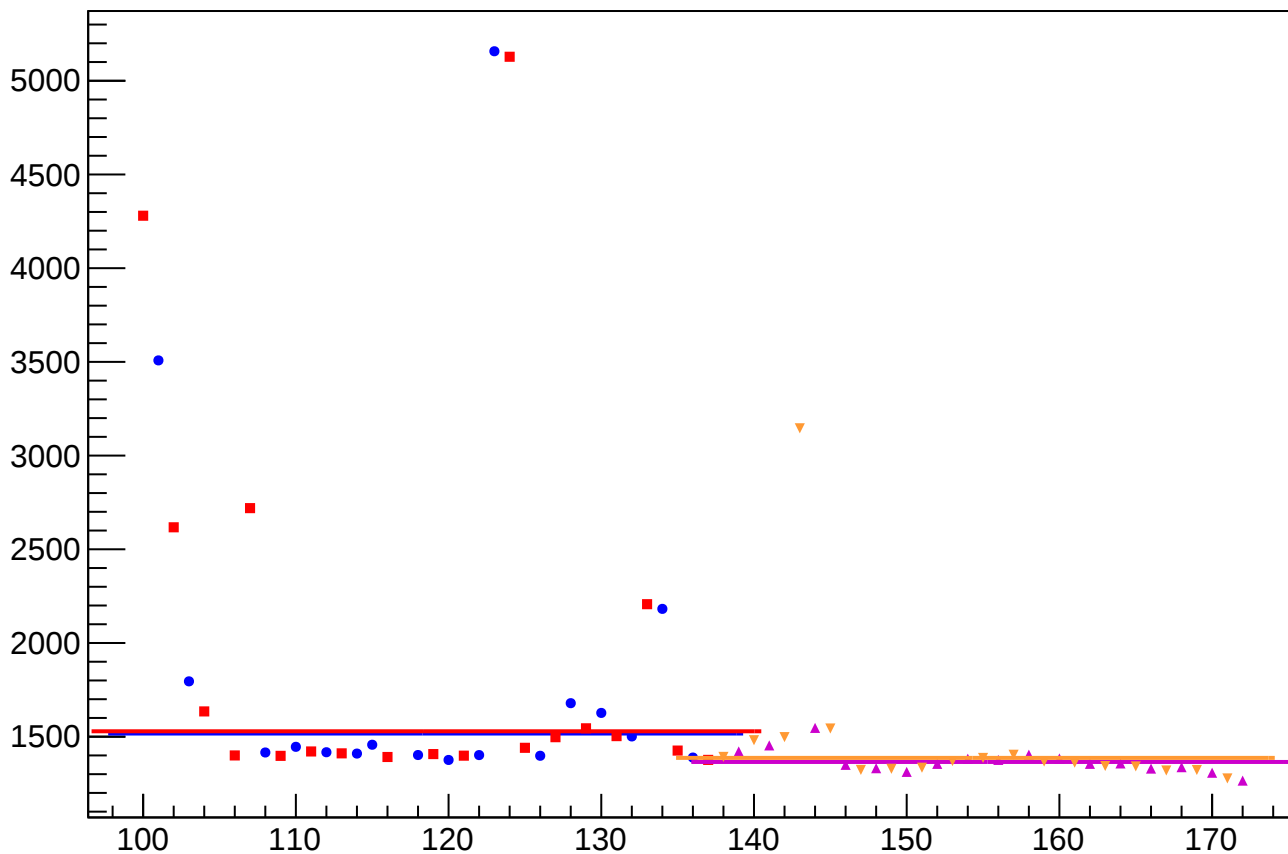
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -537.233+/-317.908 χ^2/NDF :38.2/33

Out: -297.491+/-320.480 χ^2/NDF :37.3/36

All: -418.328+/-225.699 χ^2/NDF : 75.8/70

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: 1386.919 ± 0.269 χ^2/NDF : 541492.6/17

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

Left In: 1365.156 ± 0.265 χ^2/NDF : 52570.2/16

Left: 1375.875 ± 0.189 χ^2/NDF : 597388.3/34

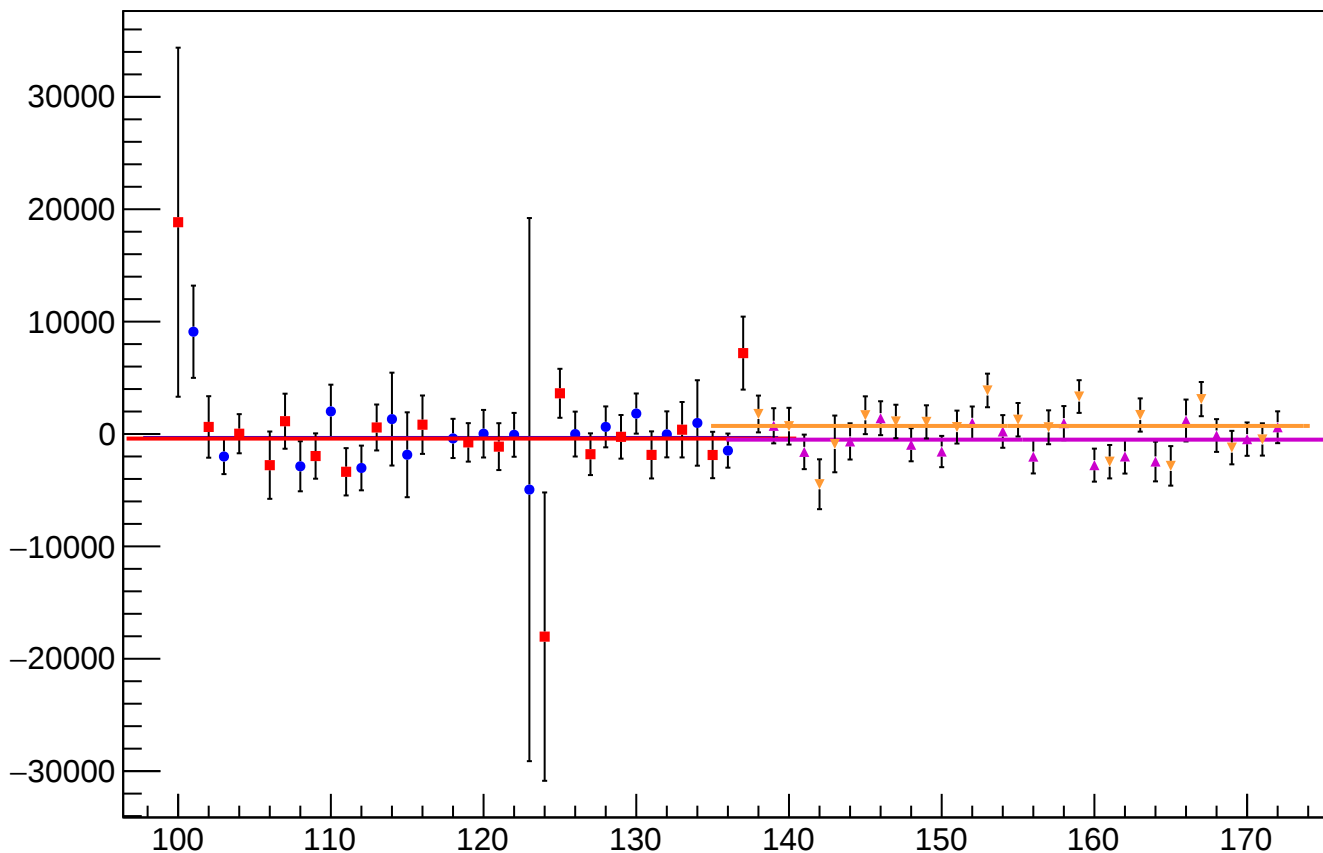
Right: 1522.950 ± 0.299 χ^2/NDF : 1171618.0/35

In: 1407.603 ± 0.225 χ^2/NDF : 685448.9/33

Out: 1428.006 ± 0.227 χ^2/NDF : 1252362.5/36

All: 1417.722 ± 0.160 χ^2/NDF : 1941897.1/70

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 717.583 ± 371.536 $\chi^2/\text{NDF}: 28.5/17$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

Left In: -502.711 ± 368.082 $\chi^2/\text{NDF}: 12.7/16$

Left: 101.738 ± 261.486 $\chi^2/\text{NDF}: 46.7/34$

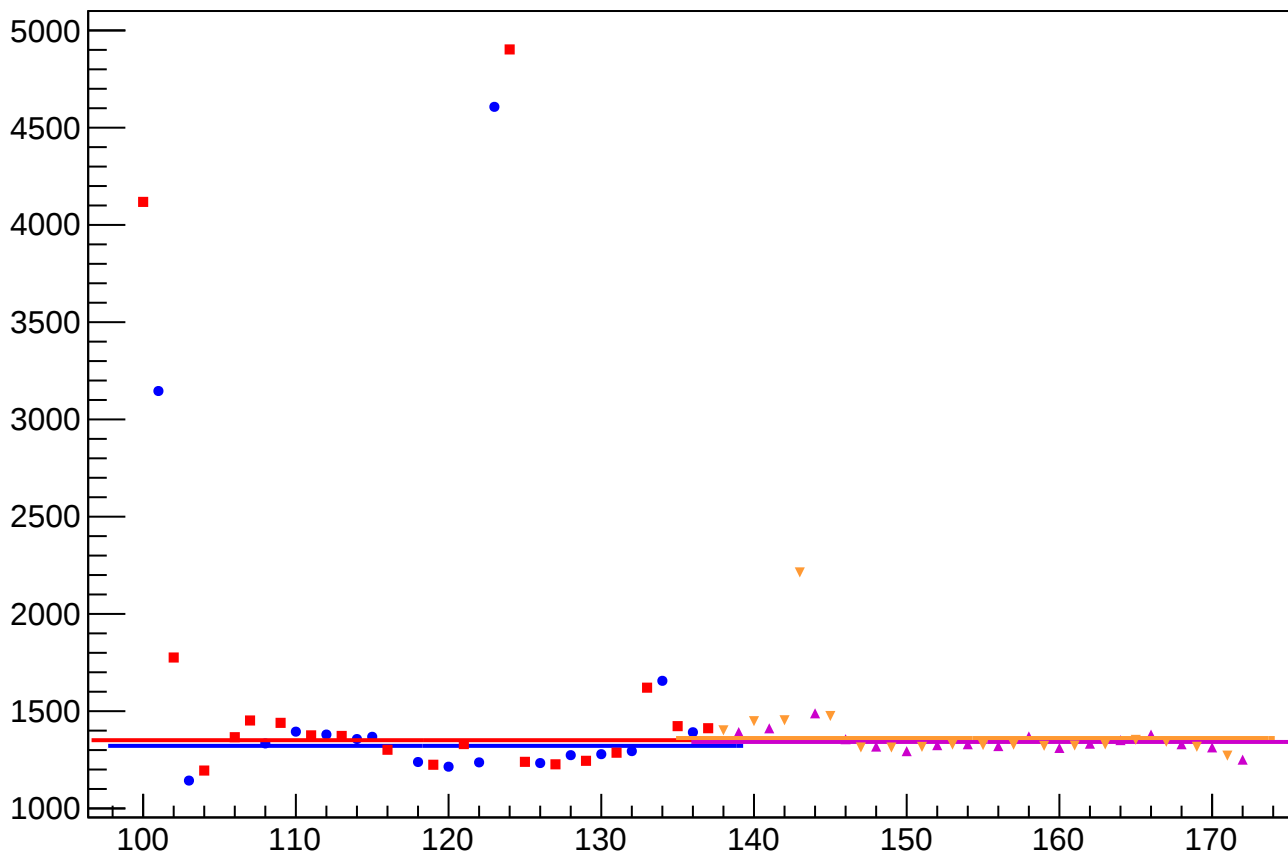
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -453.204 ± 301.070 $\chi^2/\text{NDF}: 26.2/33$

Out: 339.354 ± 302.702 $\chi^2/\text{NDF}: 50.0/36$

All: -59.068 ± 213.463 $\chi^2/\text{NDF}: 79.6/70$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1361.959+/-0.263 χ^2/NDF : 270372.5/17

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

Left In: 1341.783+/-0.260 χ^2/NDF : 38358.3/16

Left: 1351.777+/-0.185 χ^2/NDF : 311707.4/34

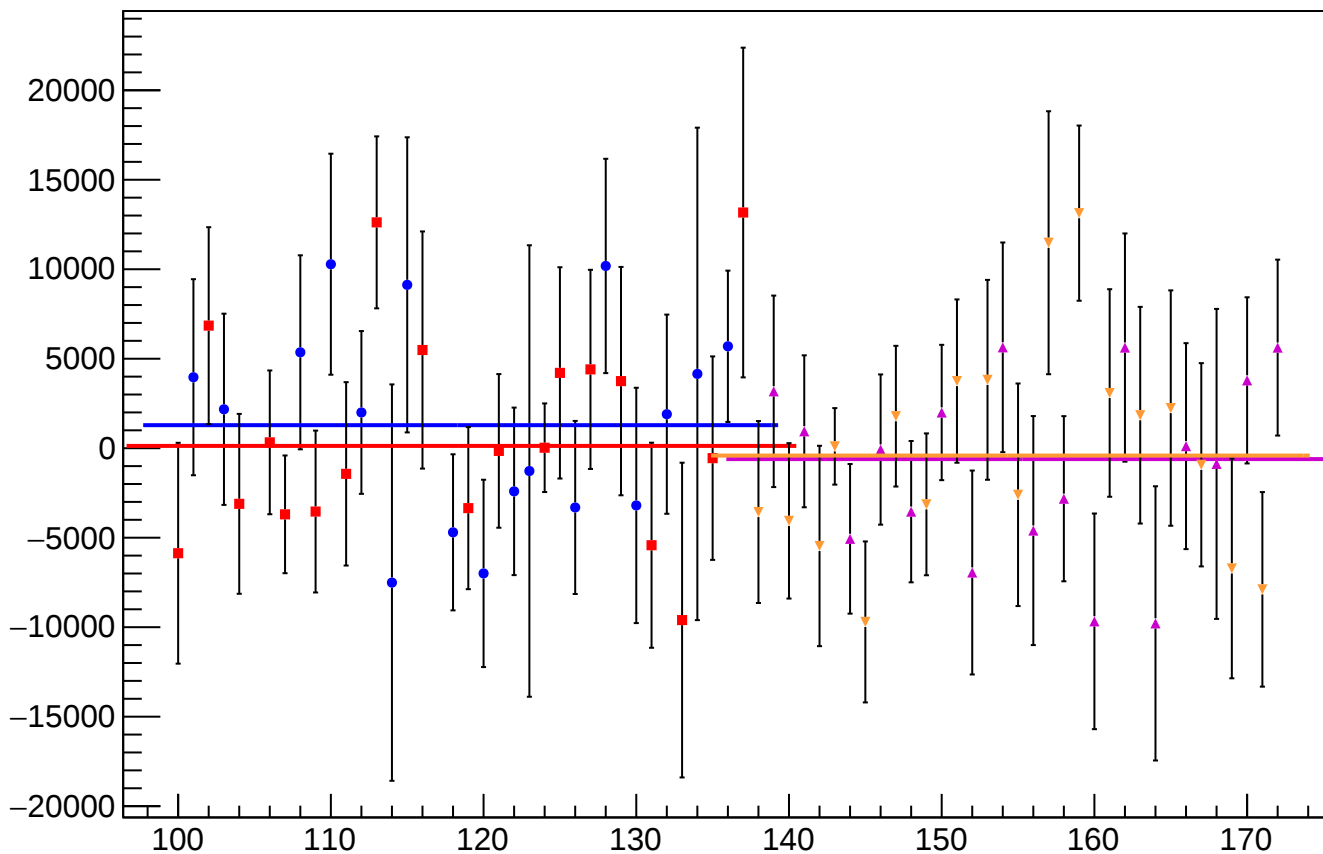
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1335.137+/-0.213 χ^2/NDF : 542574.1/33

Out: 1358.196+/-0.214 χ^2/NDF : 620866.4/36

All: 1346.606+/-0.151 χ^2/NDF : 1169275.7/70

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -410.335+/-1079.539 χ^2/NDF : 22.4/17

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

Left In: -607.537+/-1221.336 χ^2/NDF : 13.0/16

Left: -496.829+/-808.858 χ^2/NDF : 35.4/34

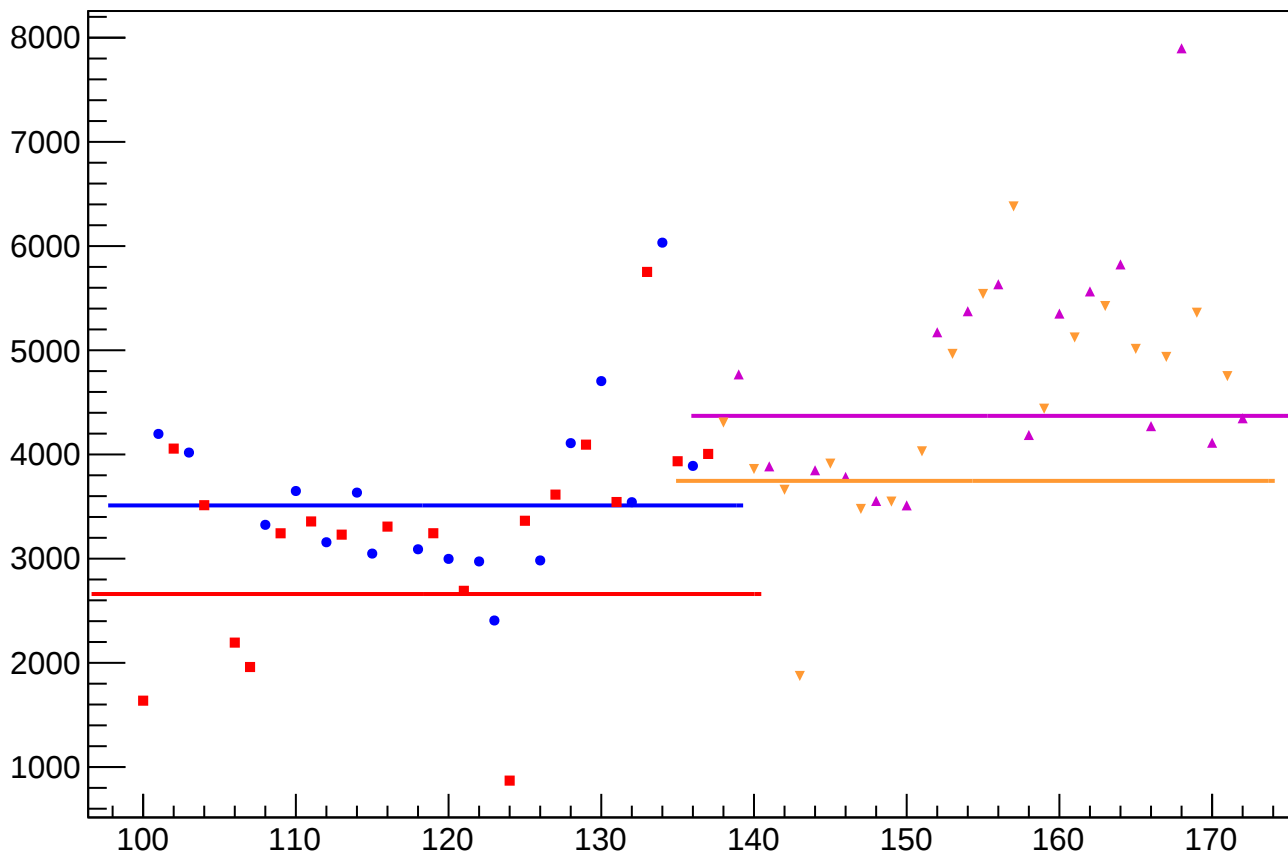
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 227.634+/-913.380 χ^2/NDF : 28.3/33

Out: -142.847+/-766.409 χ^2/NDF : 41.1/36

All: 10.225+/-587.106 χ^2/NDF : 69.5/70

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3746.516 $\pm$ 0.763 χ^2 /NDF: 2778961.1/17

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 4370.494 $\pm$ 0.864 χ^2 /NDF: 1009521.2/16

Left: 4020.196 $\pm$ 0.572 χ^2 /NDF: 4081548.6/34

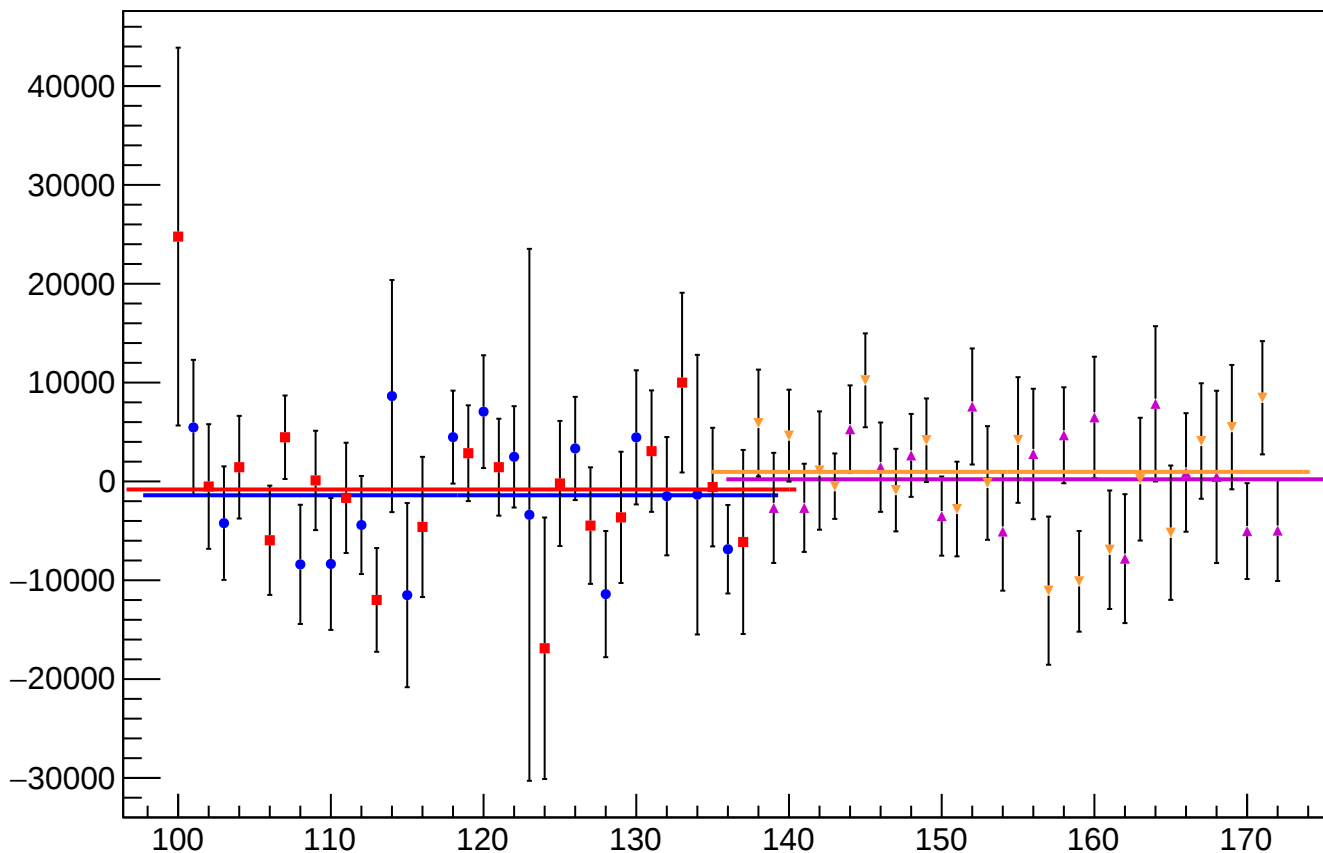
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3991.612 $\pm$ 0.646 χ^2 /NDF: 1790299.6/33

Out: 3207.938 $\pm$ 0.542 χ^2 /NDF: 5965271.9/36

All: 3531.730 $\pm$ 0.415 χ^2 /NDF: 8619562.4/70

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 964.326 $\pm$ 1219.176 χ^2 /NDF: 19.5/17

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

Left In: 216.058 $\pm$ 1278.299 χ^2 /NDF: 12.3/16

Left: 607.896 $\pm$ 882.249 χ^2 /NDF: 32.0/34

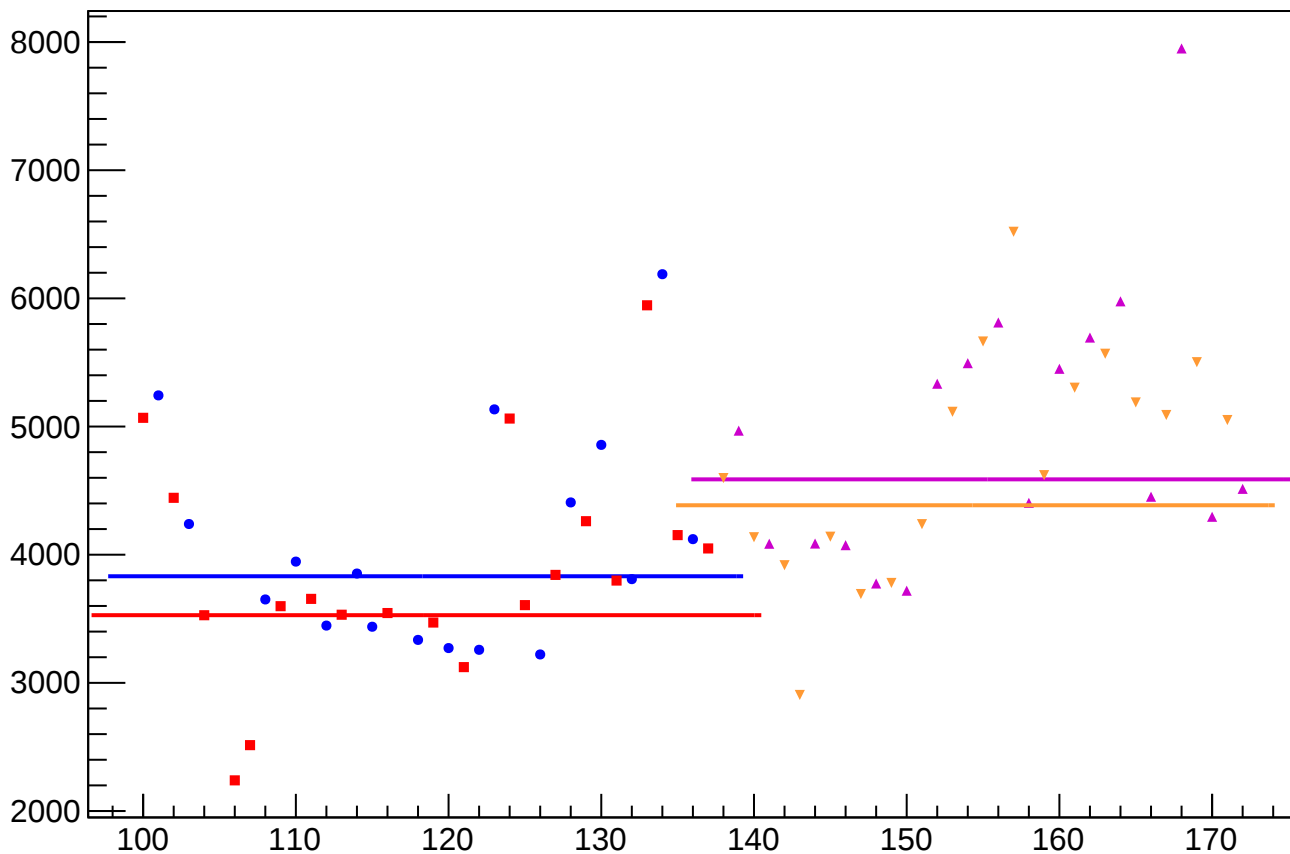
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -462.259 $\pm$ 974.059 χ^2 /NDF: 28.8/33

Out: 184.179 $\pm$ 913.422 χ^2 /NDF: 34.7/36

All: -118.294 $\pm$ 666.293 χ^2 /NDF: 63.7/70

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 ± 1.064 $\chi^2/\text{NDF}: 337707.1/16$

Left Out: 4385.765 ± 0.862 $\chi^2/\text{NDF}: 1069762.9/17$

Right Out: 3528.100 ± 0.966 $\chi^2/\text{NDF}: 557192.5/18$

Left In: 4587.891 ± 0.904 $\chi^2/\text{NDF}: 870922.8/16$

Left: 4482.046 ± 0.624 $\chi^2/\text{NDF}: 1966871.0/34$

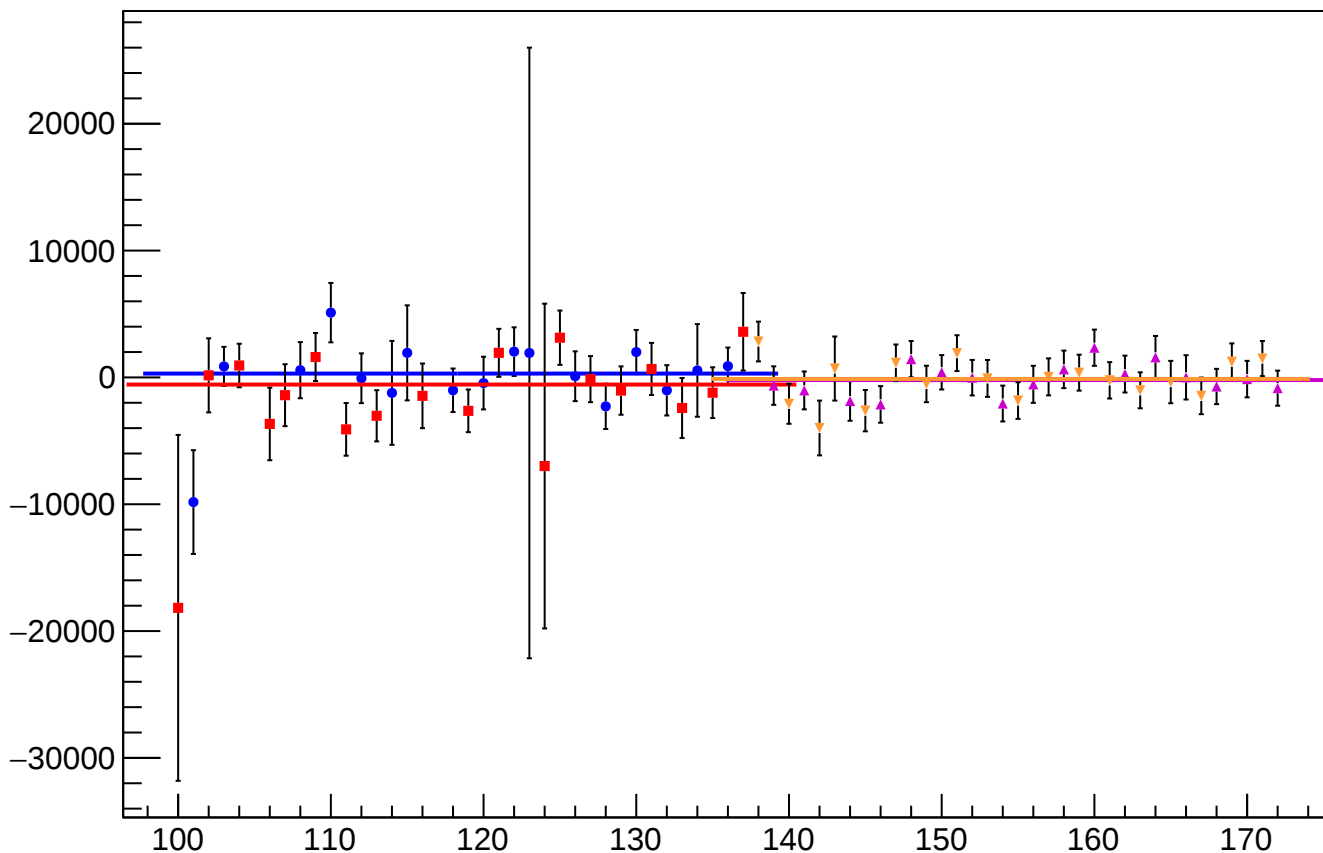
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 4270.814 ± 0.689 $\chi^2/\text{NDF}: 1502052.9/33$

Out: 4005.663 ± 0.643 $\chi^2/\text{NDF}: 2065603.3/36$

All: 4129.199 ± 0.470 $\chi^2/\text{NDF}: 3646809.9/70$

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -121.997 $\pm$ 358.960 χ^2 /NDF:18.7/17

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

Left In: -208.690 $\pm$ 355.517 χ^2 /NDF:11.7/16

Left: -165.761 $\pm$ 252.597 χ^2 /NDF: 30.5/34

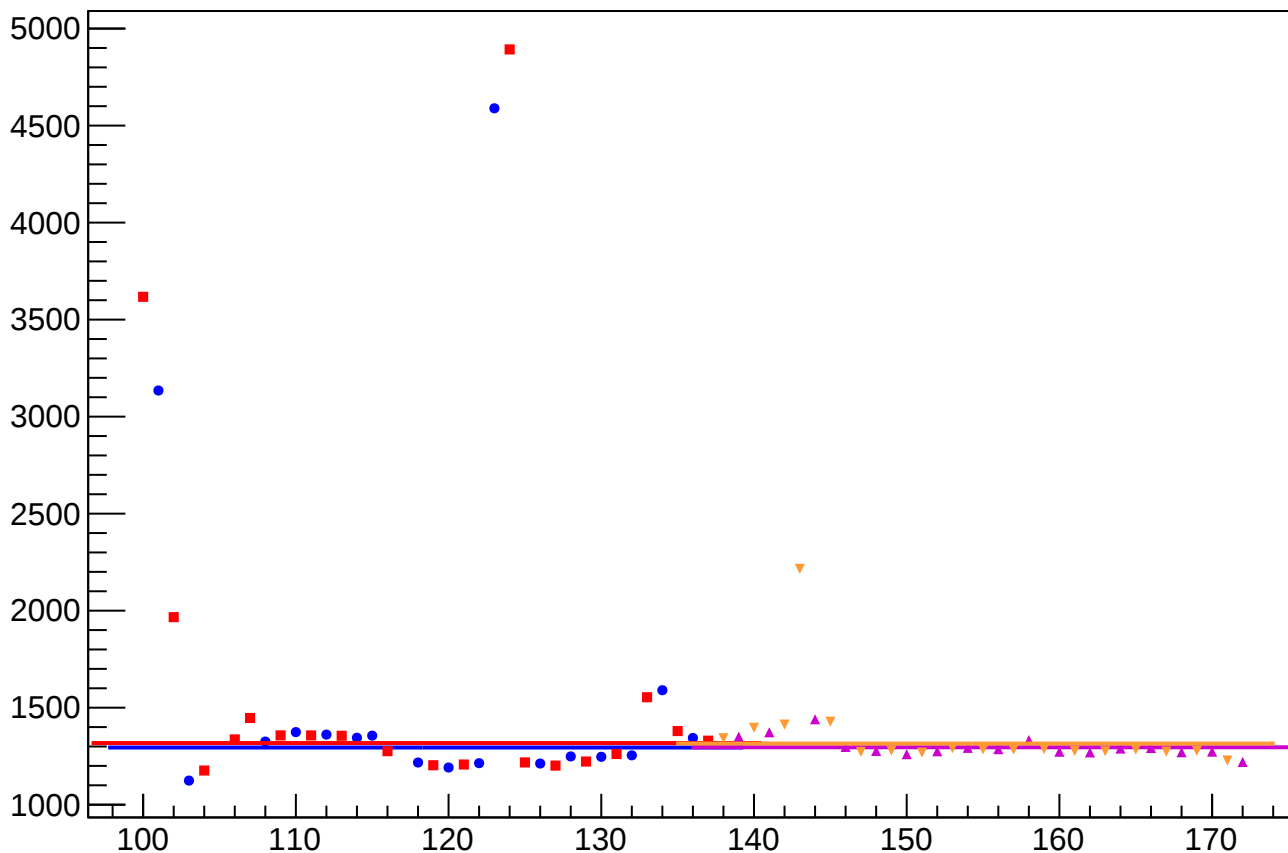
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -42.935 $\pm$ 292.176 χ^2 /NDF:28.4/33

Out: -268.479 $\pm$ 293.221 χ^2 /NDF:38.4/36

All: -155.304 $\pm$ 206.968 χ^2 /NDF: 67.1/70

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2/NDF : 507803.9/16

Left Out: 1315.105 $\pm$ 0.254 χ^2/NDF : 296507.0/17

Right Out: 1317.789 $\pm$ 0.359 χ^2/NDF : 390807.4/18

Left In: 1295.897 $\pm$ 0.251 χ^2/NDF : 36980.6/16

Left: 1305.408 $\pm$ 0.179 χ^2/NDF : 336378.3/34

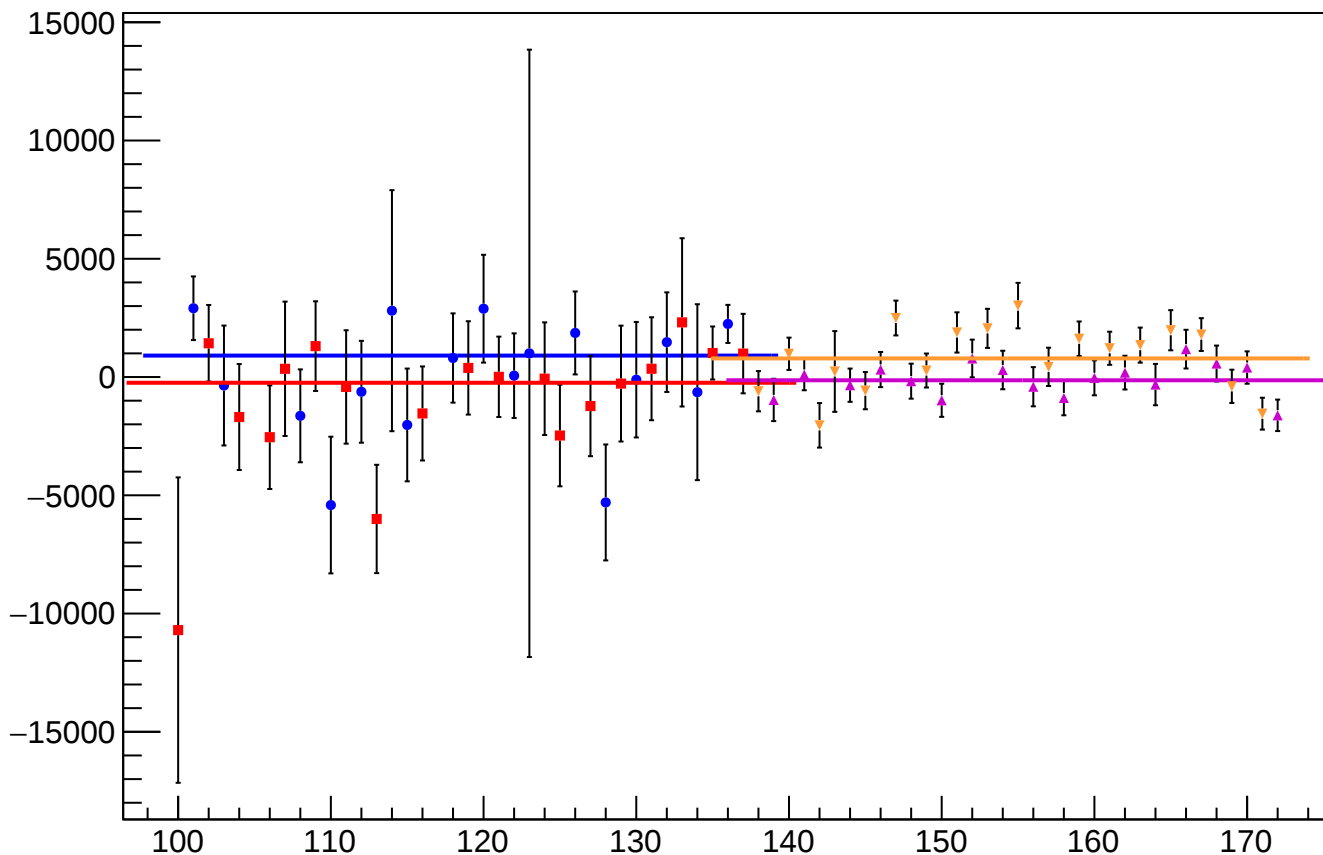
Right: 1306.361 $\pm$ 0.255 χ^2/NDF : 900651.0/35

In: 1295.518 $\pm$ 0.207 χ^2/NDF : 544791.5/33

Out: 1315.998 $\pm$ 0.207 χ^2/NDF : 687351.7/36

All: 1305.721 $\pm$ 0.146 χ^2/NDF : 1237038.7/70

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 787.193 $\pm$ 184.777 χ^2 /NDF:51.6/17

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -136.844 $\pm$ 181.427 χ^2 /NDF:15.0/16

Left: 316.720 $\pm$ 129.456 χ^2 /NDF: 79.3/34

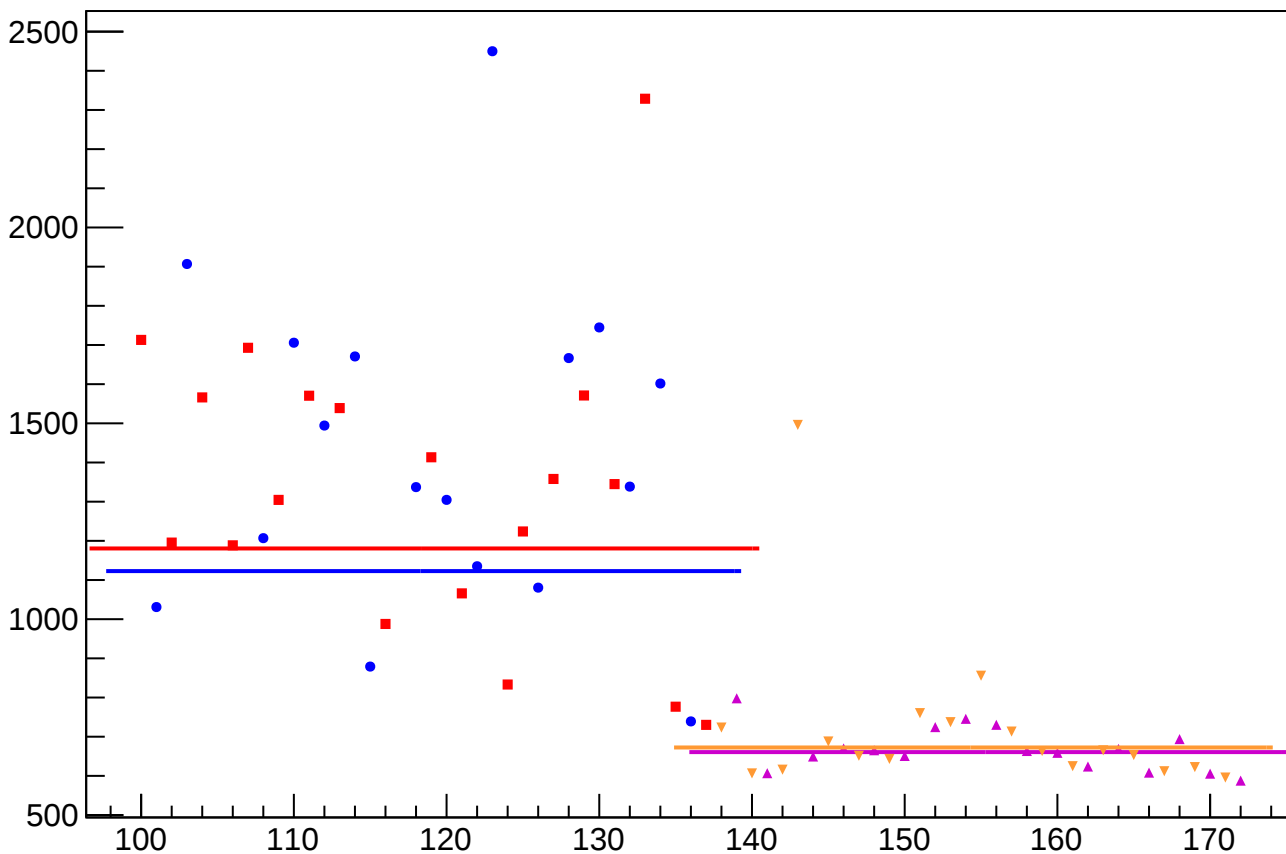
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 5.855 $\pm$ 168.566 χ^2 /NDF:41.5/33

Out: 645.930 $\pm$ 171.633 χ^2 /NDF:72.3/36

All: 320.123 $\pm$ 120.264 χ^2 /NDF: 120.9/70

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: 672.492+/-0.131 χ^2/NDF : 677915.1/17

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

Left In: 660.680+/-0.128 χ^2/NDF : 164854.1/16

Left: 666.478+/-0.092 χ^2/NDF : 846930.6/34

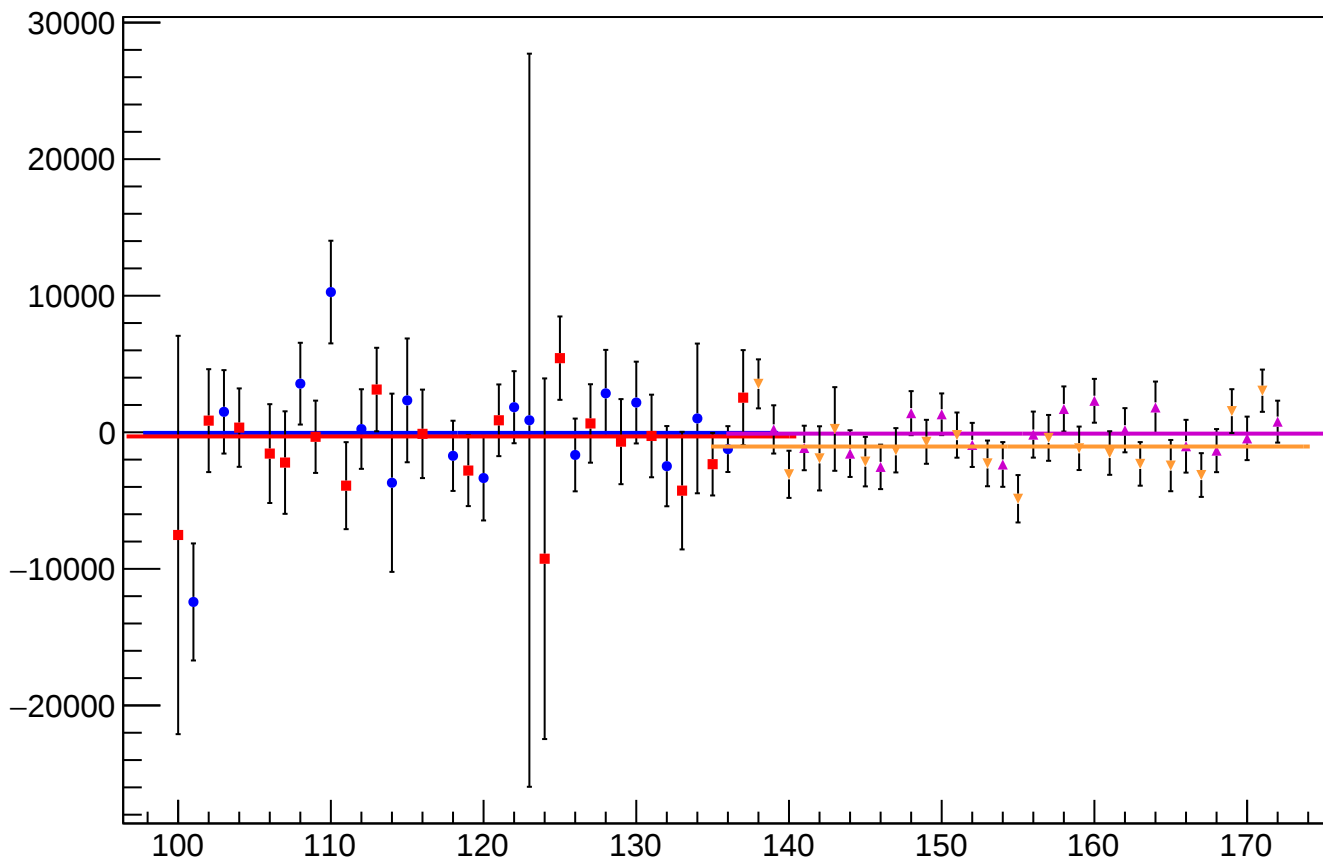
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 723.869+/-0.119 χ^2/NDF : 3127051.8/33

Out: 742.206+/-0.121 χ^2/NDF : 3788055.5/36

All: 732.872+/-0.085 χ^2/NDF : 6926726.8/70

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 747.588 χ^2 /NDF: 23.2/16

Left Out: -1042.320 $\pm$ 405.802 χ^2 /NDF:27.1/17

Right Out: -303.720 $\pm$ 734.458 χ^2 /NDF: 10.9/18

Left In: -97.993 $\pm$ 400.241 χ^2 /NDF:13.0/16

Left: -563.642 $\pm$ 284.959 χ^2 /NDF: 42.8/34

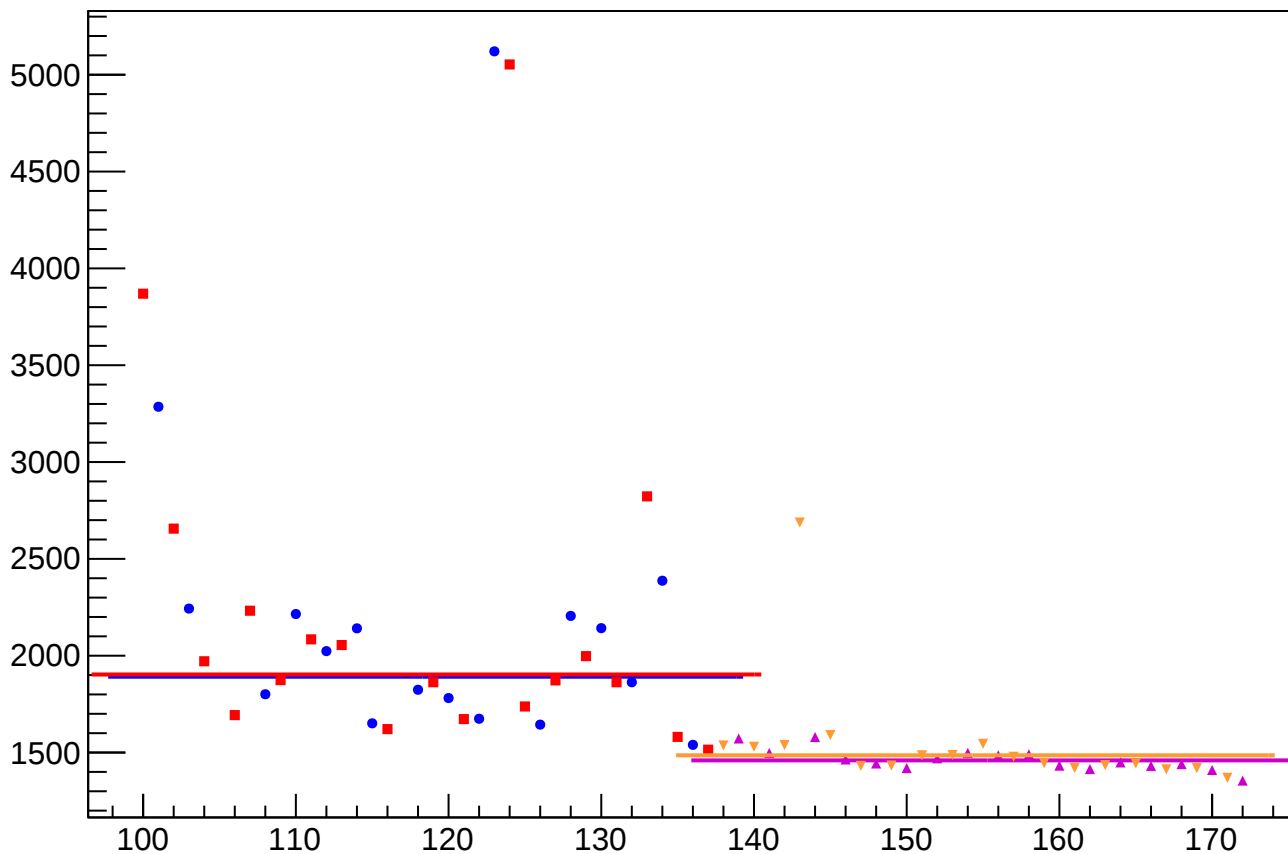
Right: -176.341 $\pm$ 523.921 χ^2 /NDF: 34.1/35

In: -86.046 $\pm$ 352.854 χ^2 /NDF:36.2/33

Out: -869.577 $\pm$ 355.192 χ^2 /NDF:38.7/36

All: -475.225 $\pm$ 250.328 χ^2 /NDF: 77.4/70

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1485.829 $\pm$ 0.287 χ^2 /NDF: 351905.6/17

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1459.521 $\pm$ 0.283 χ^2 /NDF: 37297.8/16

Left: 1472.494 $\pm$ 0.201 χ^2 /NDF: 393464.2/34

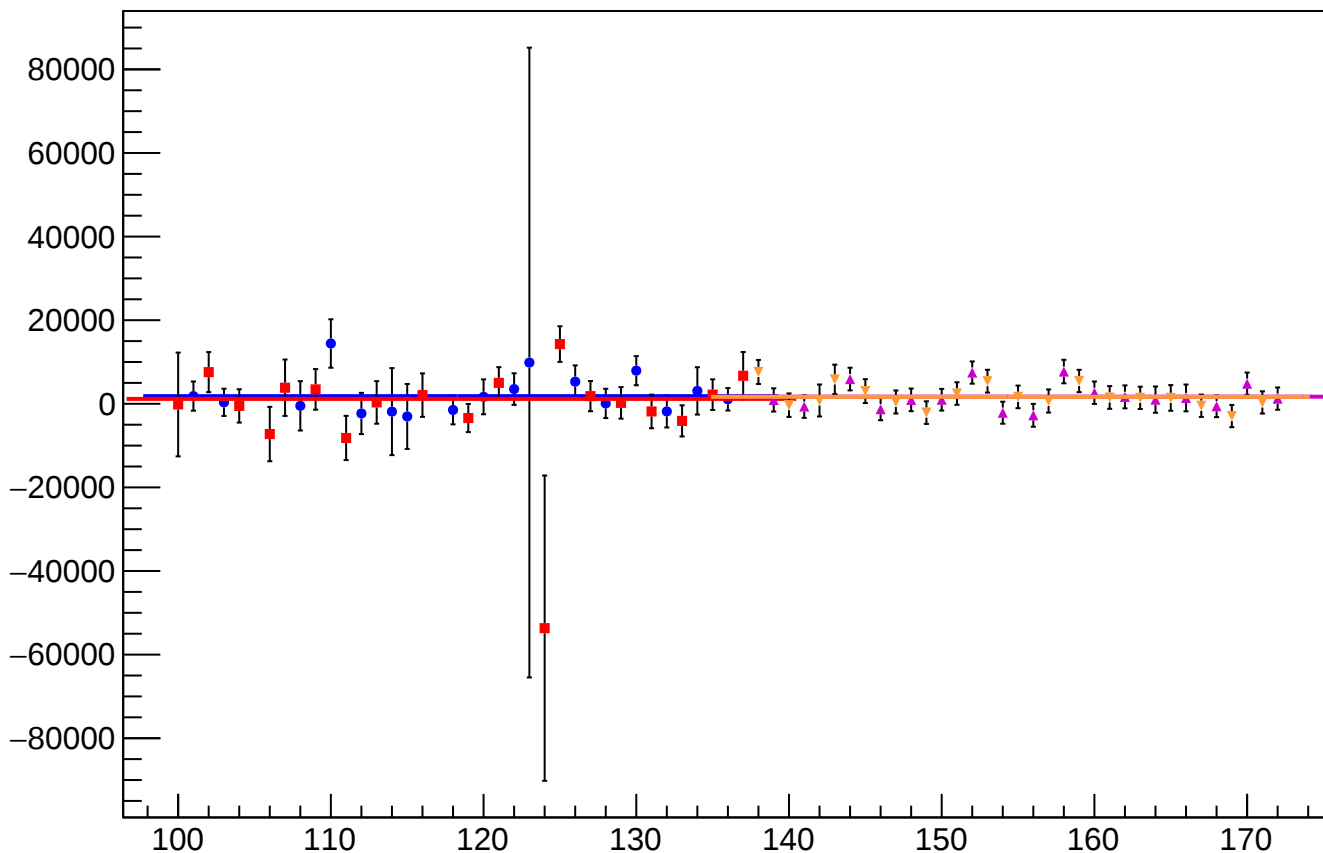
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1555.794 $\pm$ 0.250 χ^2 /NDF: 1025805.9/33

Out: 1583.401 $\pm$ 0.251 χ^2 /NDF: 1306422.4/36

All: 1569.506 $\pm$ 0.177 χ^2 /NDF: 2338309.5/70

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1674.192 $\pm$ 663.604 χ^2 /NDF:16.6/17

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1705.452 $\pm$ 663.128 χ^2 /NDF:21.1/16

Left: 1689.833 $\pm$ 469.071 χ^2 /NDF: 37.7/34

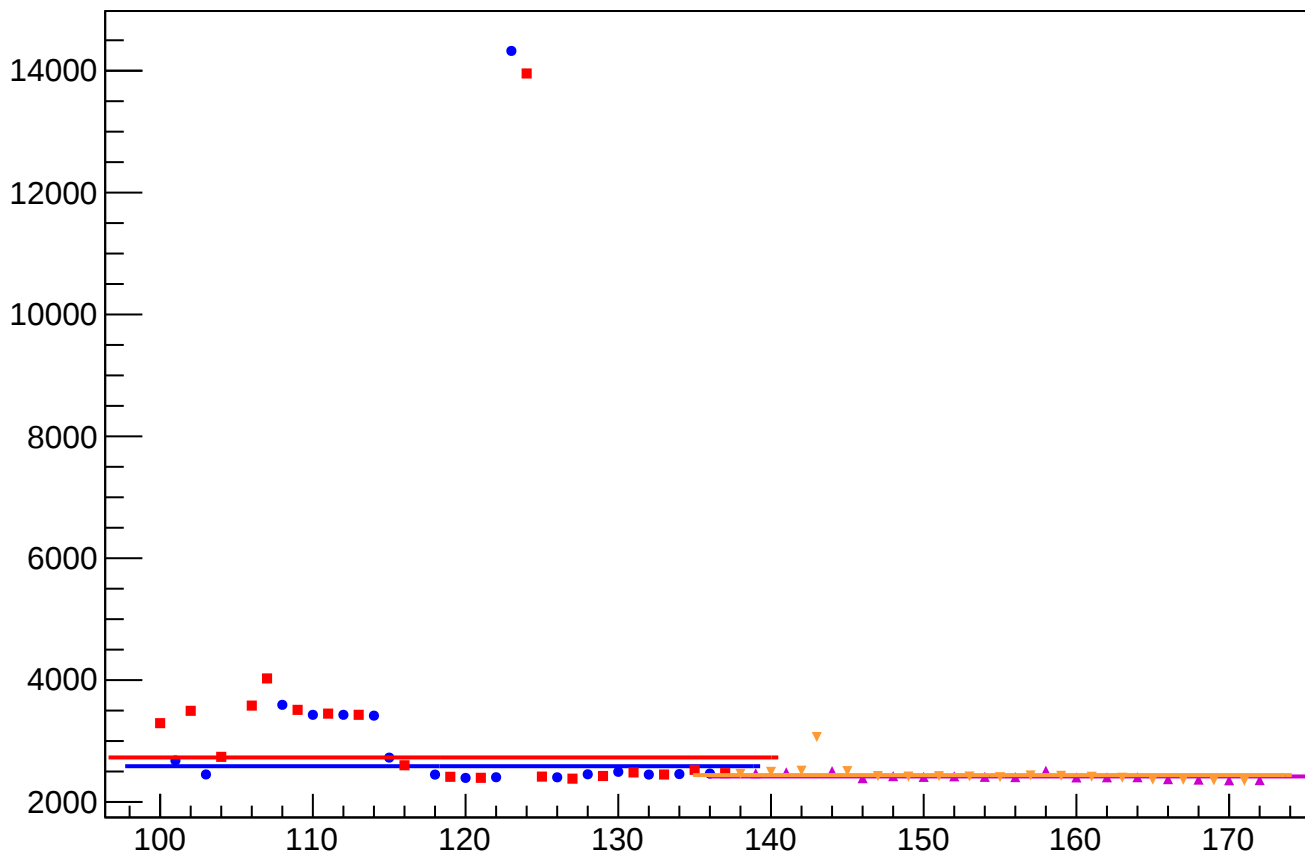
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1741.467 $\pm$ 554.355 χ^2 /NDF:33.6/33

Out: 1530.463 $\pm$ 560.379 χ^2 /NDF:42.2/36

All: 1637.105 $\pm$ 394.101 χ^2 /NDF: 75.9/70

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2441.317+/-0.469 χ^2/NDF : 74343.5/17

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

Left In: 2418.511+/-0.469 χ^2/NDF : 10159.6/16

Left: 2429.906+/-0.332 χ^2/NDF : 85685.1/34

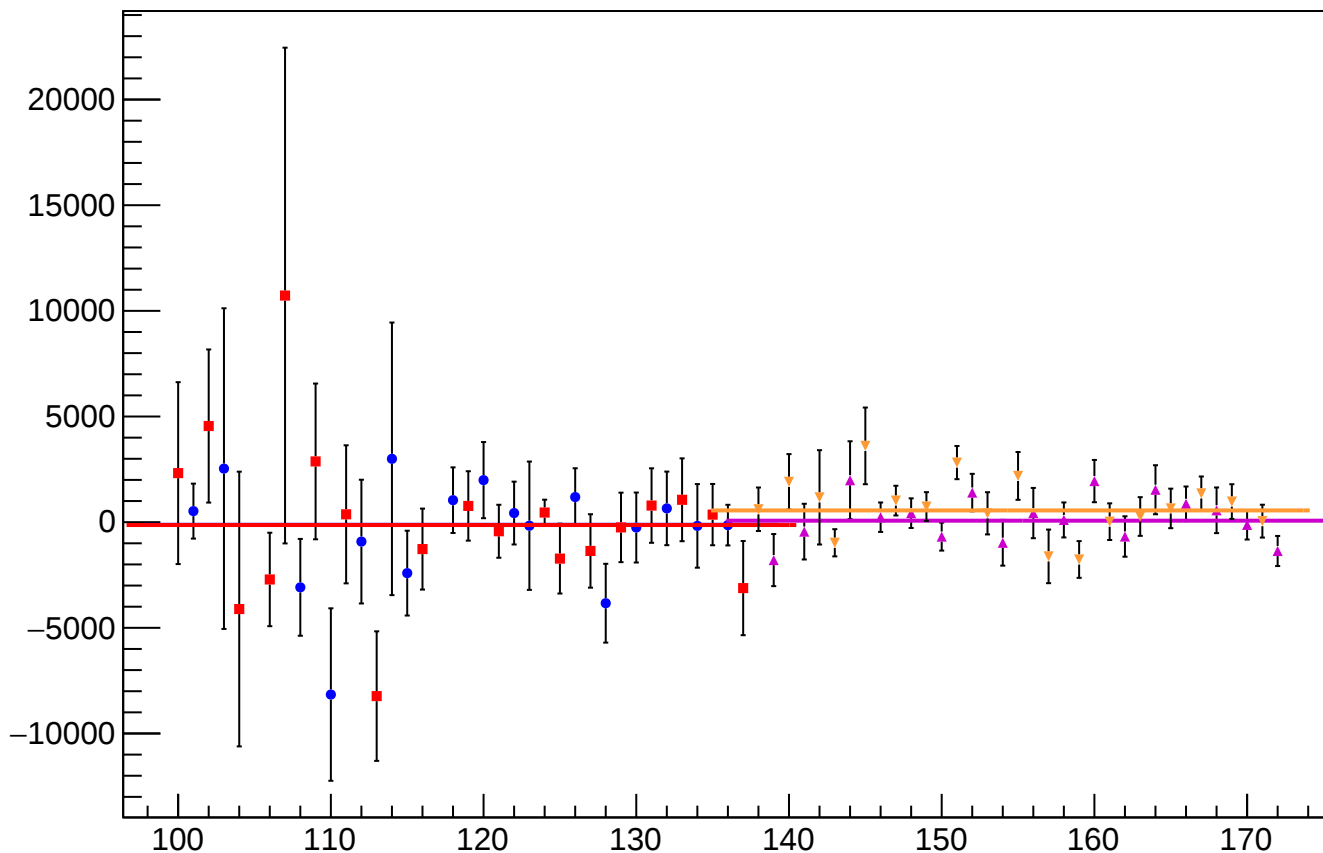
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2469.245+/-0.392 χ^2/NDF : 303146.1/33

Out: 2524.282+/-0.396 χ^2/NDF : 768292.8/36

All: 2496.466+/-0.279 χ^2/NDF : 1081189.0/70

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 556.348 ± 211.639 χ^2/NDF : 32.8/17

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

Left In: 70.198 ± 216.053 χ^2/NDF : 19.4/16

Left: 318.289 ± 151.188 χ^2/NDF : 54.8/34

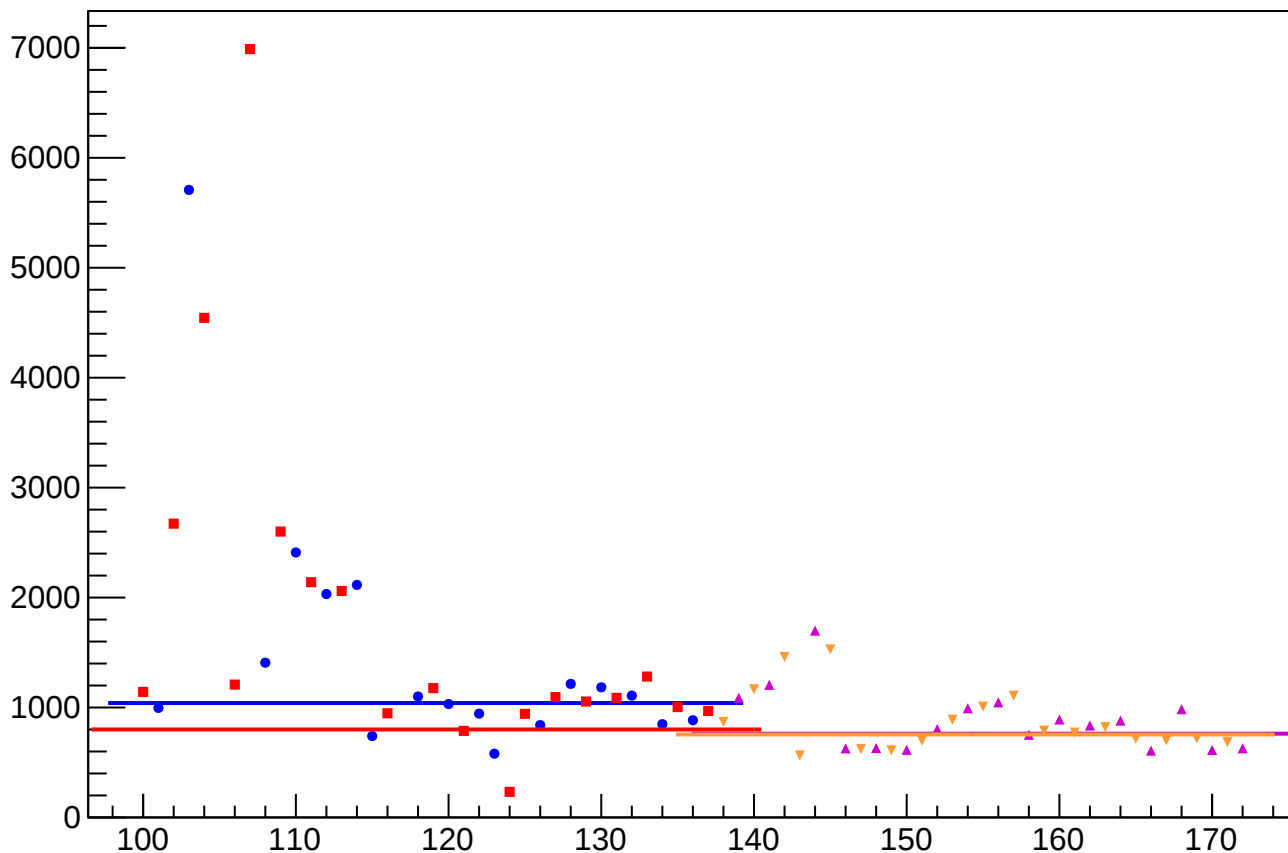
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: 31.069 ± 193.123 χ^2/NDF : 34.3/33

Out: 392.221 ± 184.832 χ^2/NDF : 53.2/36

All: 219.564 ± 133.531 χ^2/NDF : 89.3/70

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 754.611+/-0.150 χ^2/NDF :1469505.8/17

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 761.960+/-0.153 χ^2/NDF :1720505.3/16

Left: 758.210+/-0.107 χ^2/NDF : 3191191.8/34

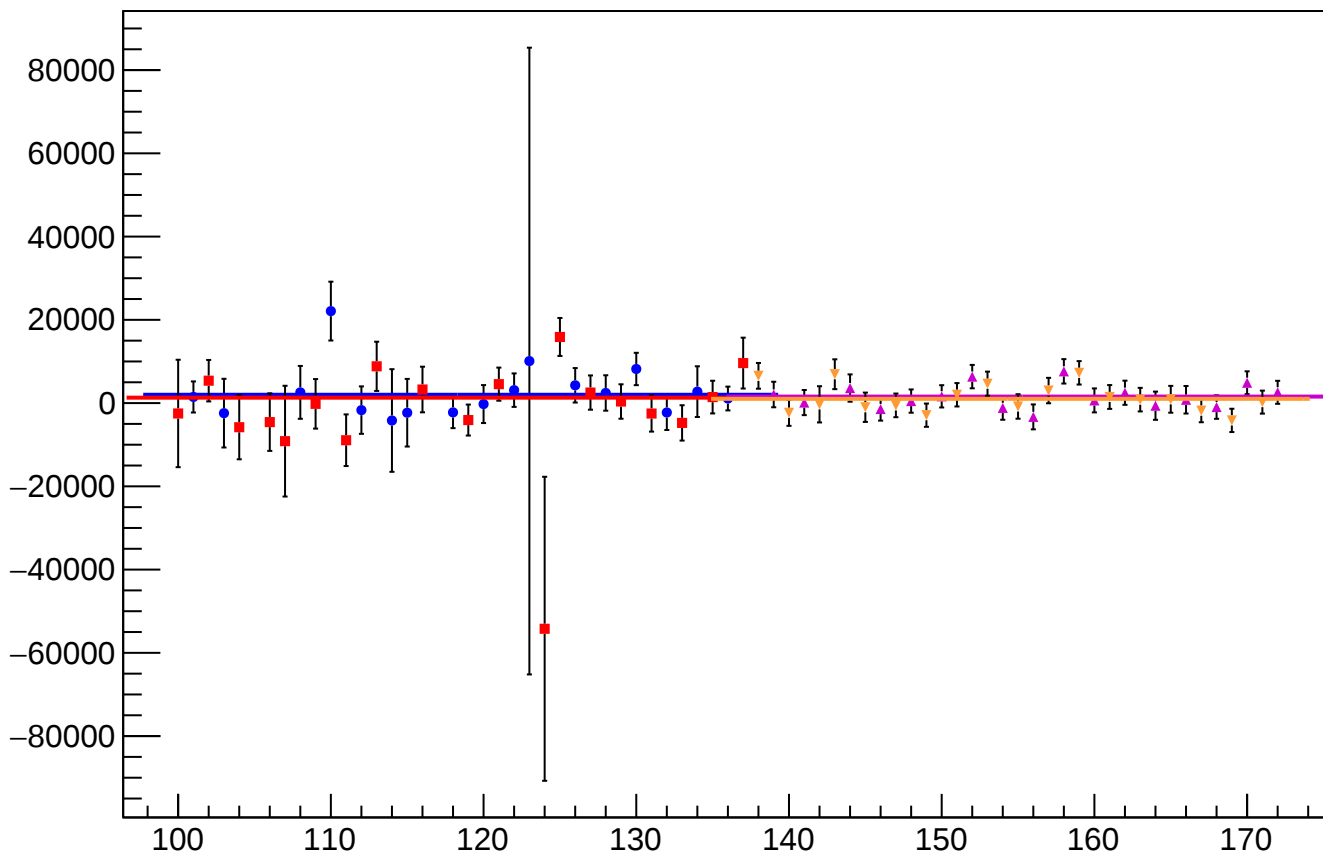
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 817.999+/-0.137 χ^2/NDF :3962950.0/33

Out: 765.478+/-0.131 χ^2/NDF :6678753.5/36

All: 790.587+/-0.094 χ^2/NDF : 10718906.3/70

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1021.082+/-708.031 χ^2/NDF : 21.8/17

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1564.840+/-708.770 χ^2/NDF : 15.8/16

Left: 1292.677+/-500.915 χ^2/NDF : 37.8/34

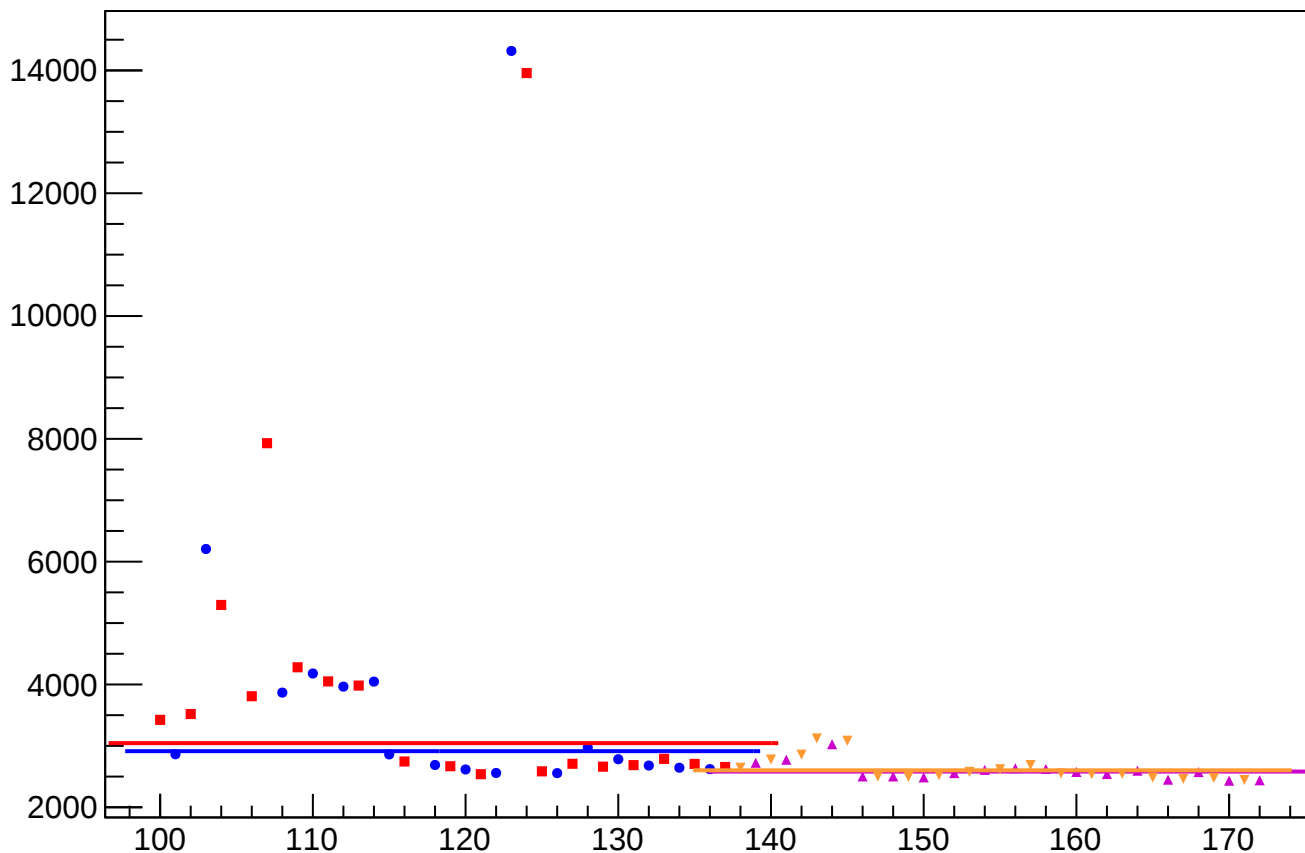
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1682.851+/-604.104 χ^2/NDF : 30.8/33

Out: 1095.207+/-608.294 χ^2/NDF : 49.4/36

All: 1391.060+/-428.640 χ^2/NDF : 80.6/70

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2602.068+/-0.501 χ^2/NDF :122106.8/17

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2581.752+/-0.501 χ^2/NDF :71344.5/16

Left: 2591.921+/-0.354 χ^2/NDF : 194273.8/34

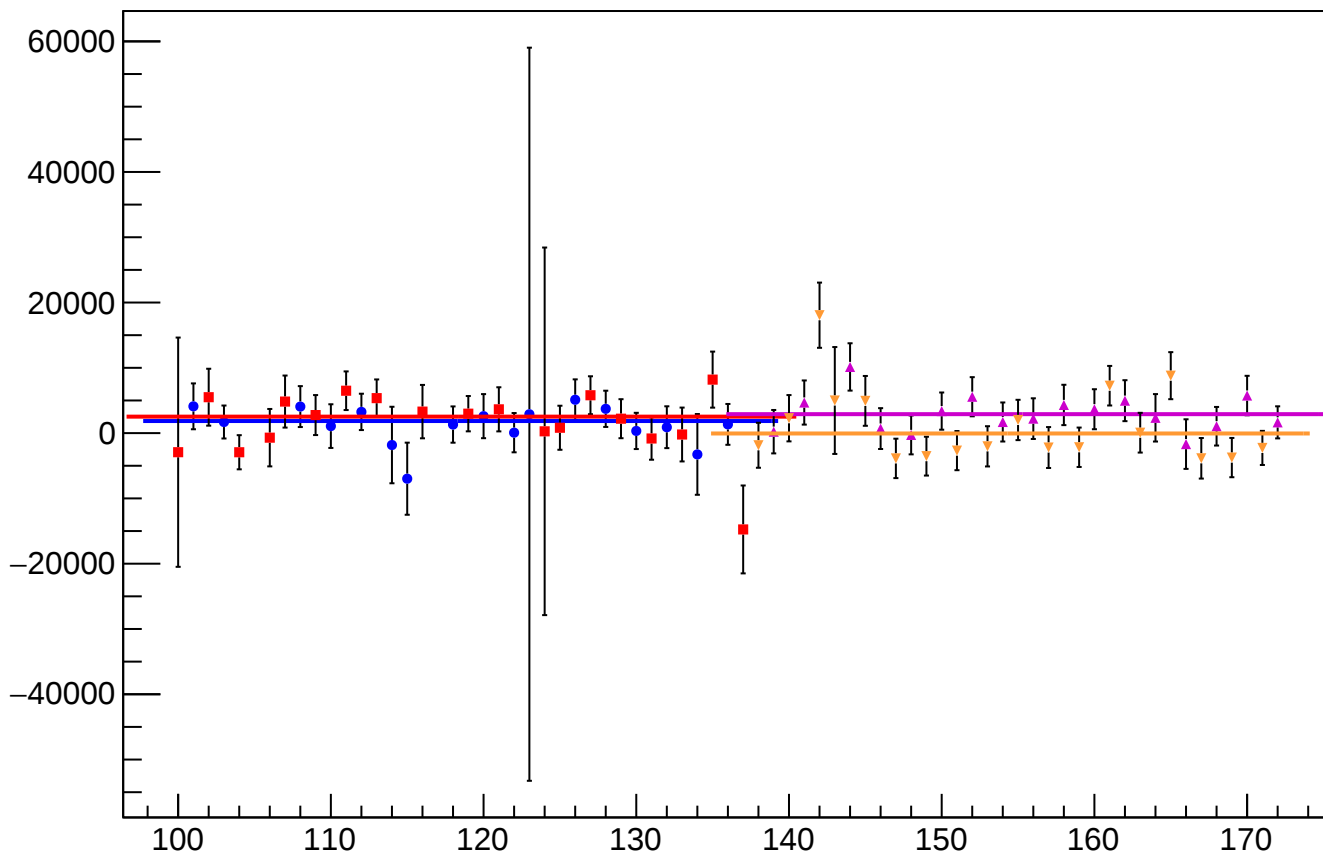
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2672.600+/-0.427 χ^2/NDF :830455.1/33

Out: 2717.929+/-0.430 χ^2/NDF :1331927.6/36

All: 2695.108+/-0.303 χ^2/NDF : 2167974.0/70

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 $\chi^2/\text{NDF}: 7.3/16$

Left Out: -56.184 ± 767.455 $\chi^2/\text{NDF}: 37.1/17$

Right Out: 2523.303 ± 818.432 $\chi^2/\text{NDF}: 20.1/18$

Left In: 2903.410 ± 752.512 $\chi^2/\text{NDF}: 11.3/16$

Left: 1452.705 ± 537.312 $\chi^2/\text{NDF}: 56.0/34$

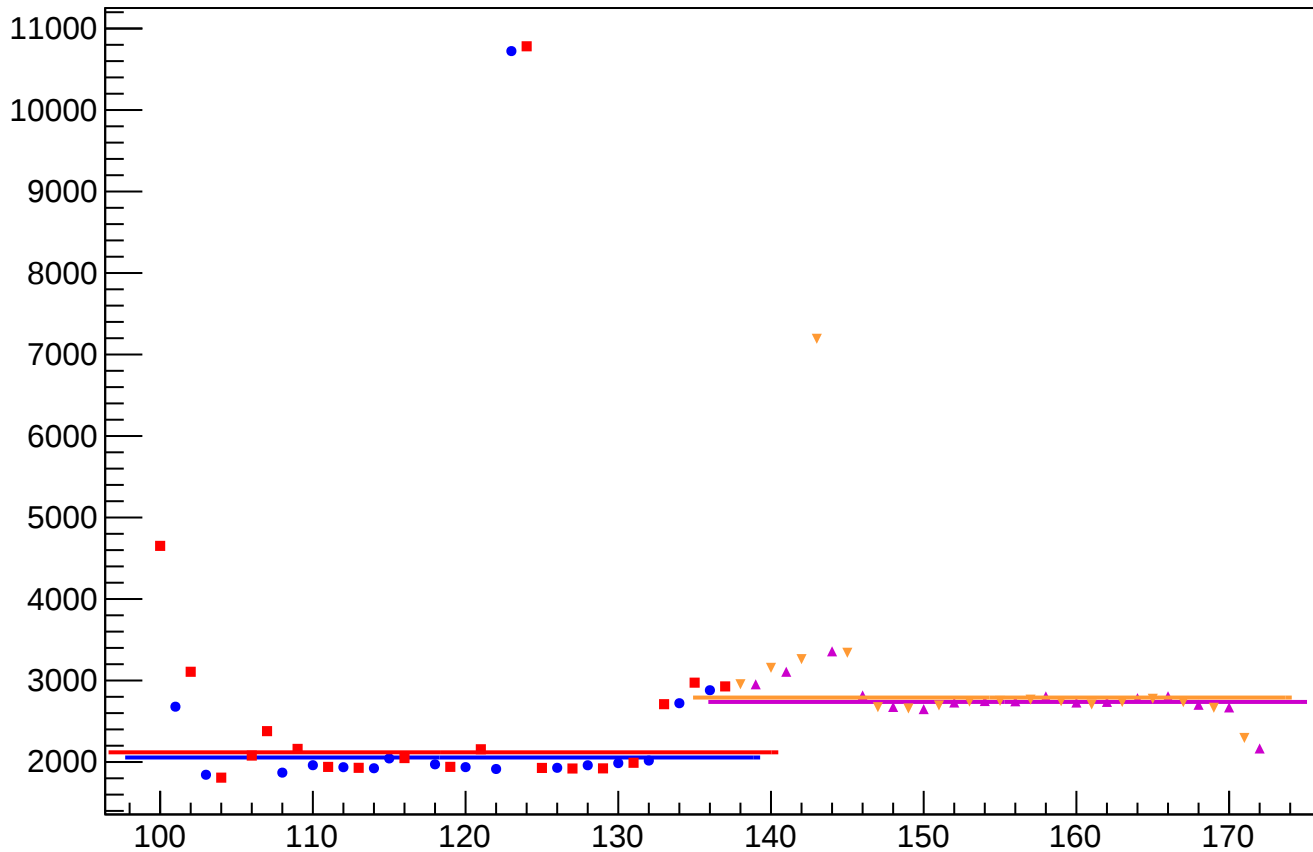
Right: 2181.863 ± 574.547 $\chi^2/\text{NDF}: 27.7/35$

In: 2413.352 ± 550.286 $\chi^2/\text{NDF}: 19.5/33$

Out: 1150.730 ± 559.827 $\chi^2/\text{NDF}: 62.5/36$

All: 1792.892 ± 392.441 $\chi^2/\text{NDF}: 84.6/70$

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2790.920+/-0.543 χ^2/NDF : 752264.2/17

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2737.079+/-0.532 χ^2/NDF : 206507.1/16

Left: 2763.470+/-0.380 χ^2/NDF : 963789.9/34

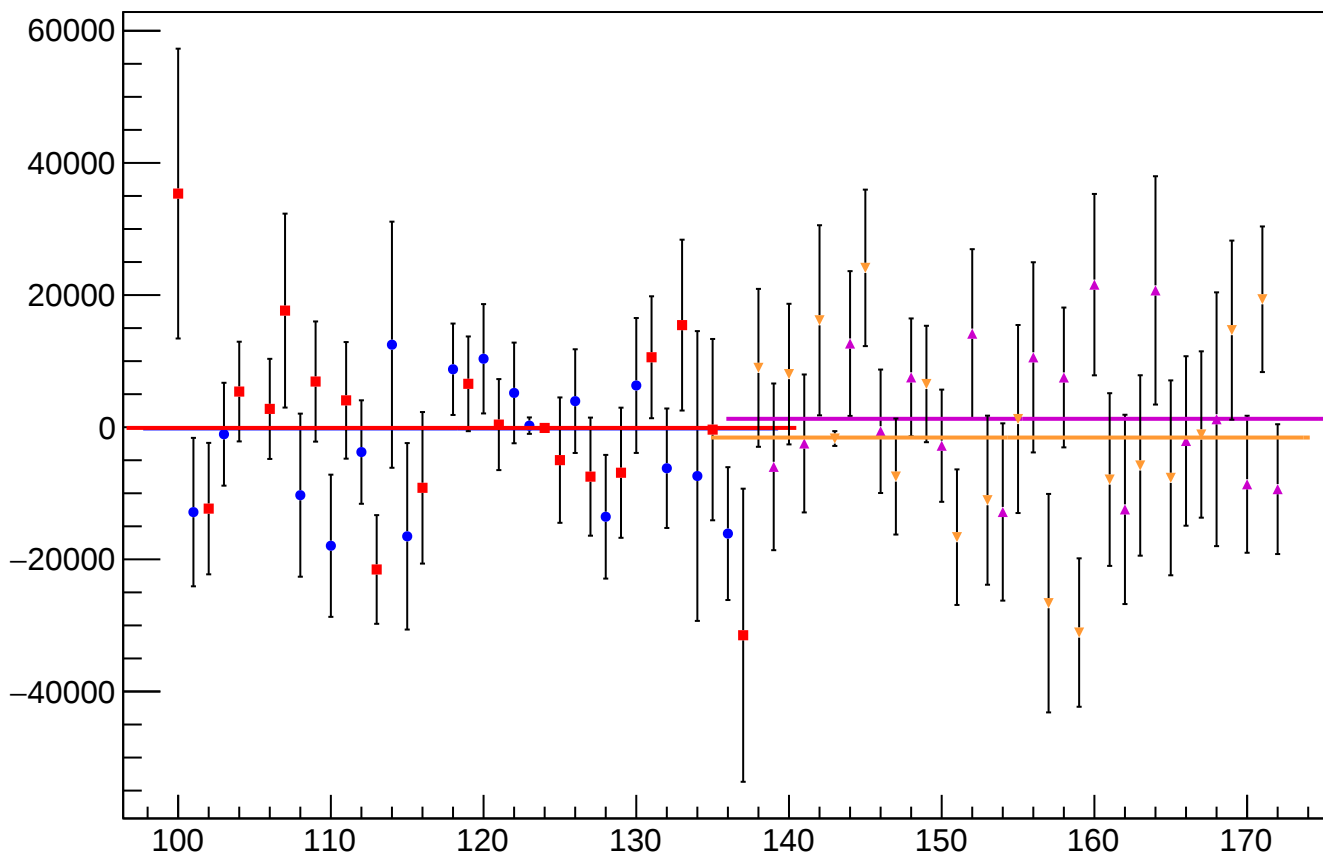
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2419.948+/-0.389 χ^2/NDF : 1286359.4/33

Out: 2475.942+/-0.396 χ^2/NDF : 2044858.8/36

All: 2447.484+/-0.277 χ^2/NDF : 3341401.5/70

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1564.196+/-1045.100 χ^2/NDF : 26.6/17

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 1270.070+/-2783.235 χ^2/NDF : 11.7/16

Left: -1213.951+/-978.397 χ^2/NDF : 39.3/34

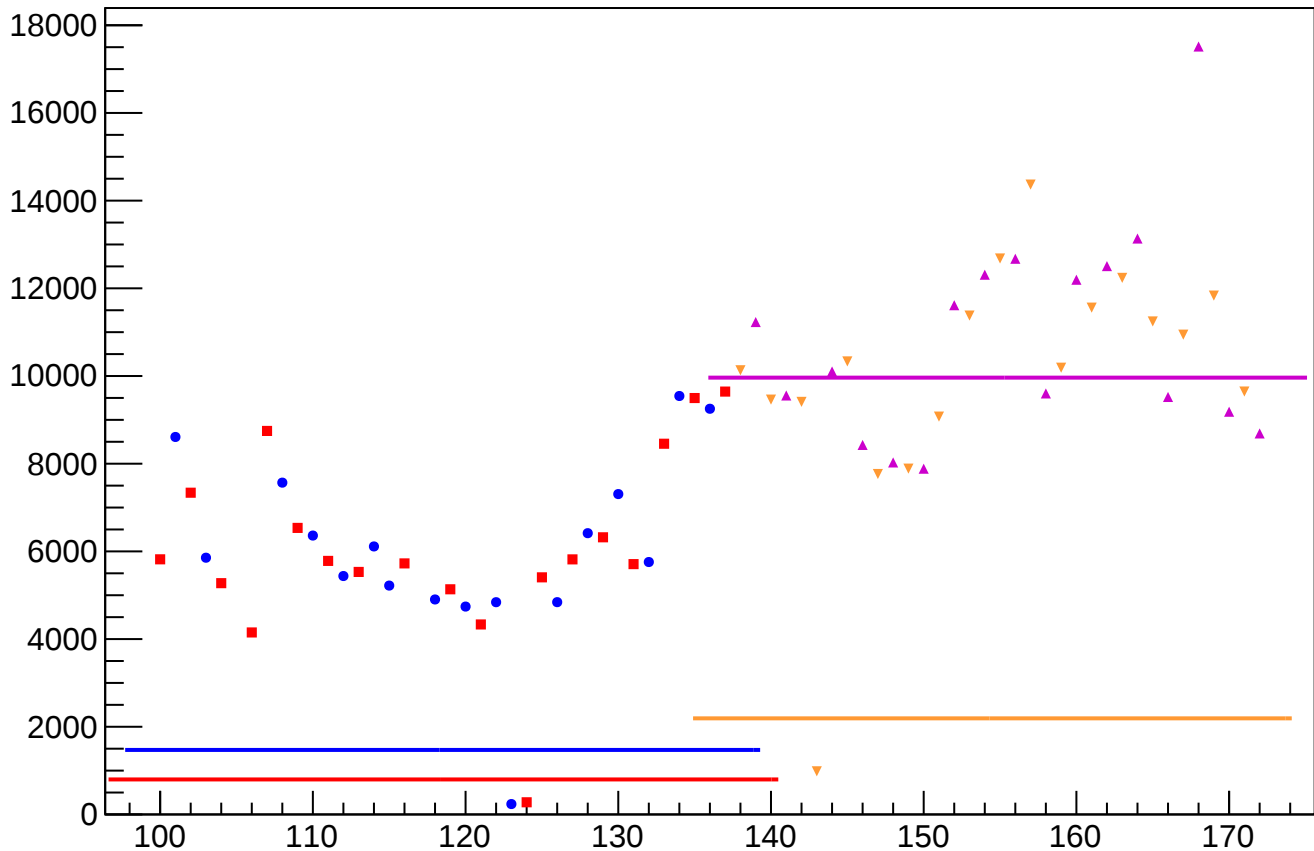
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 11.607+/-1023.628 χ^2/NDF : 28.3/33

Out: -549.745+/-576.191 χ^2/NDF : 49.6/36

All: -414.678+/-502.110 χ^2/NDF : 78.1/70

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2191.917 $\pm$ 0.739 χ^2 /NDF: 18097054.9/17

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9962.888 $\pm$ 1.968 χ^2 /NDF: 998998.0/16

Left: 3152.215 $\pm$ 0.692 χ^2 /NDF: 32760614.4/34

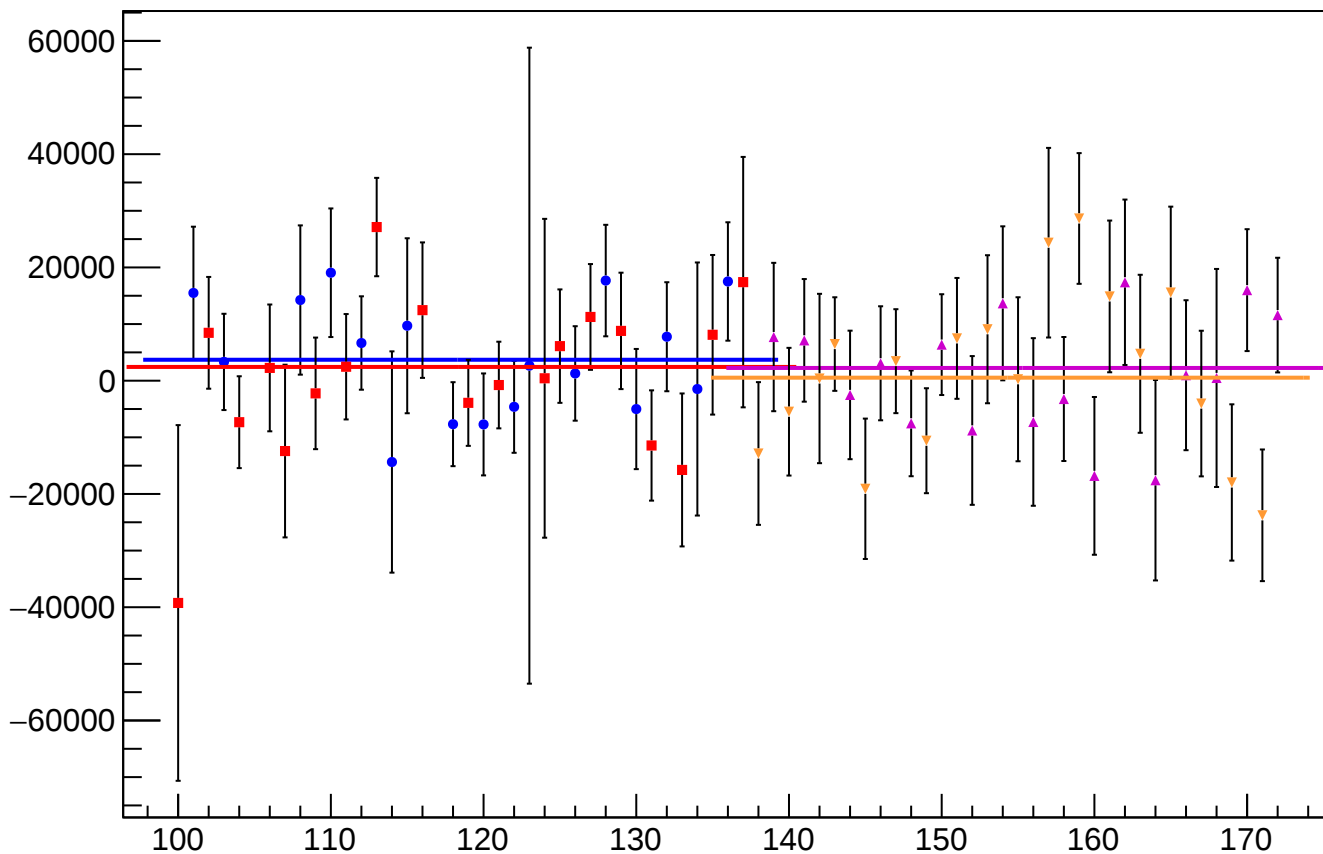
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2620.179 $\pm$ 0.724 χ^2 /NDF: 26884804.4/33

Out: 1222.143 $\pm$ 0.407 χ^2 /NDF: 32098661.9/36

All: 1558.525 $\pm$ 0.355 χ^2 /NDF: 61816471.0/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 533.505+/-2799.976 χ^2/NDF : 23.3/17

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 2249.525+/-2886.405 χ^2/NDF : 10.6/16

Left: 1365.439+/-2009.743 χ^2/NDF : 34.1/34

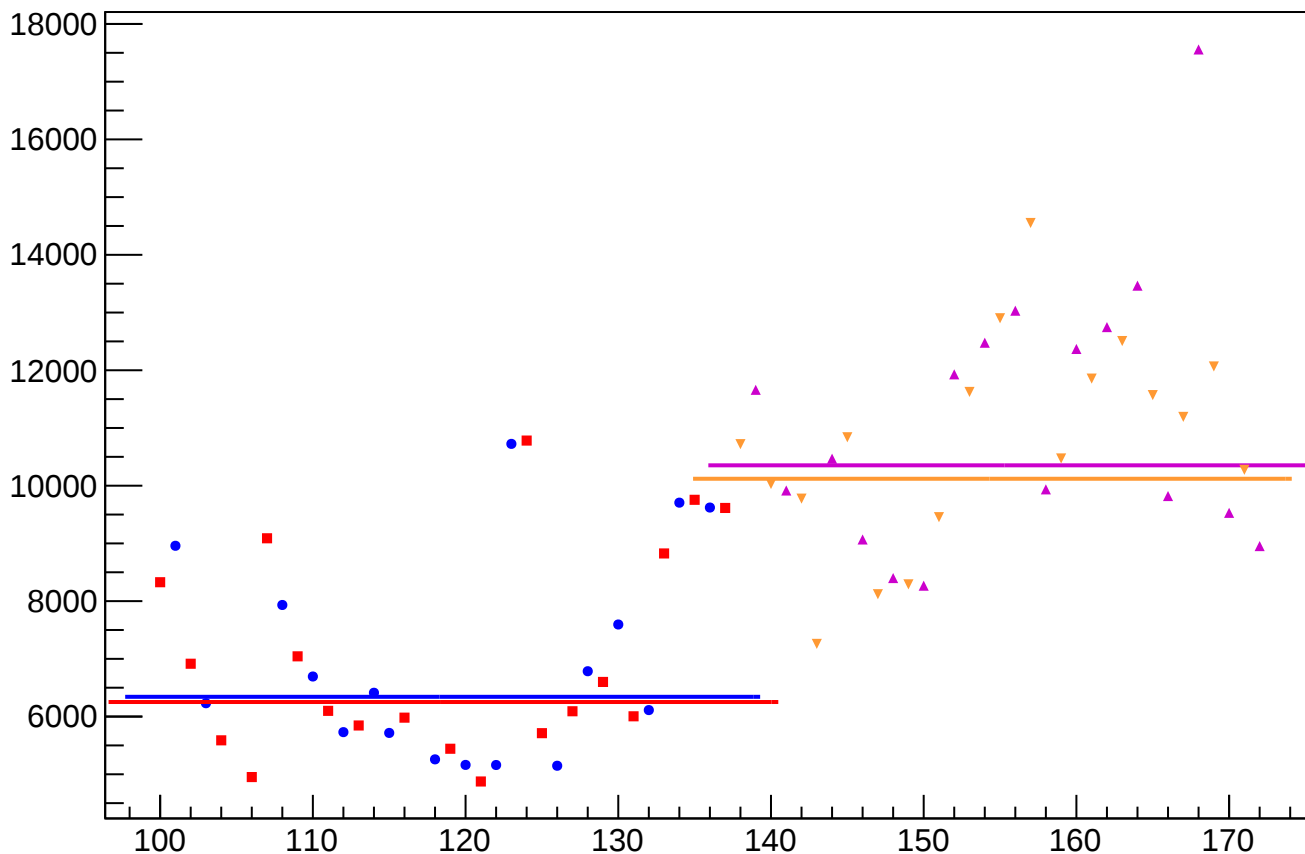
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3072.309+/-1897.442 χ^2/NDF : 25.2/33

Out: 1618.663+/-1831.531 χ^2/NDF : 43.9/36

All: 2319.800+/-1317.773 χ^2/NDF : 69.4/70

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10120.184+/-1.980 χ^2/NDF : 839640.3/17

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10352.937+/-2.041 χ^2/NDF : 890230.3/16

Left: 10233.023+/-1.421 χ^2/NDF : 1736570.6/34

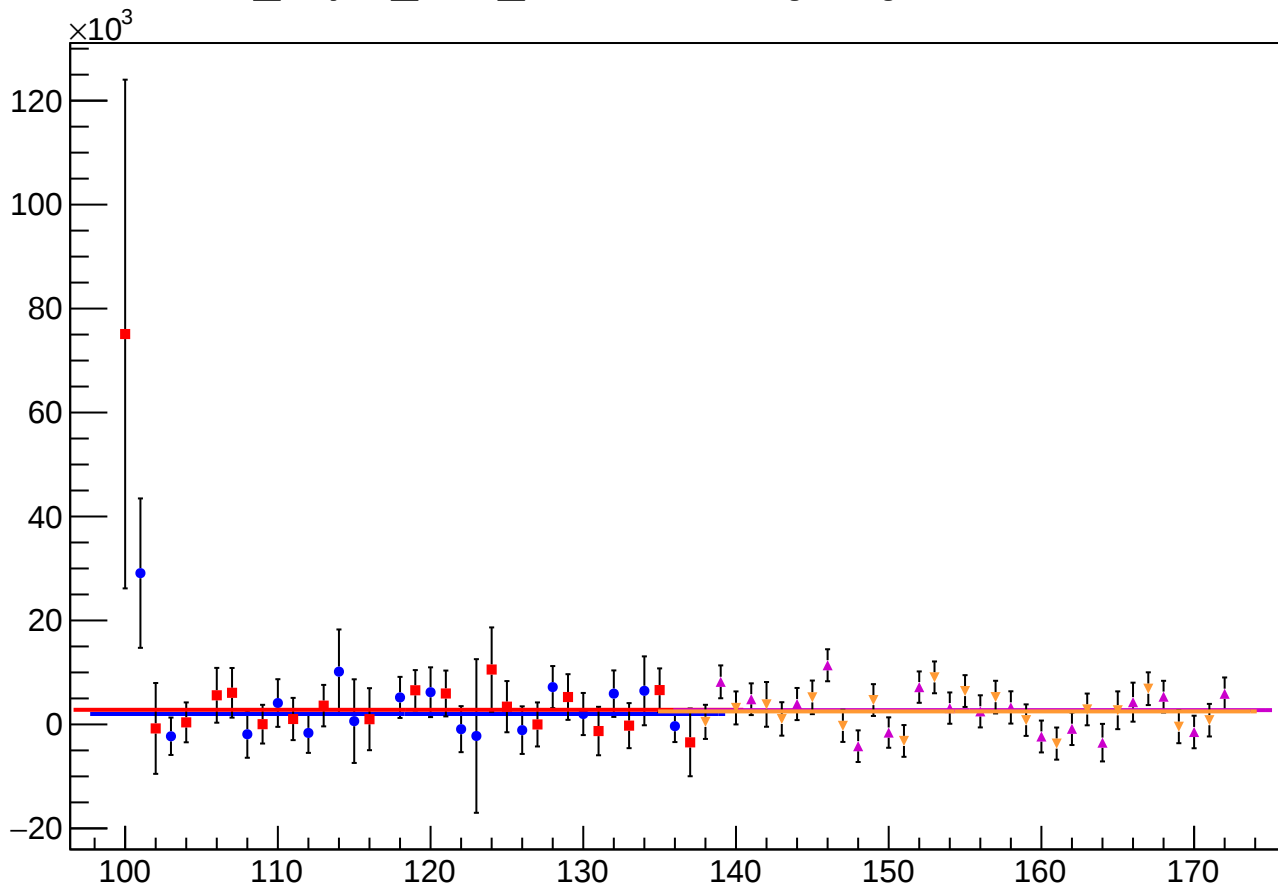
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8075.454+/-1.342 χ^2/NDF : 3676608.2/33

Out: 7907.101+/-1.295 χ^2/NDF : 3561460.2/36

All: 7988.300+/-0.932 χ^2/NDF : 7246219.2/70

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2504.381+/-751.558 χ^2/NDF : 20.6/17

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 2751.315+/-758.309 χ^2/NDF : 31.8/16

Left: 2626.744+/-533.803 χ^2/NDF : 52.4/34

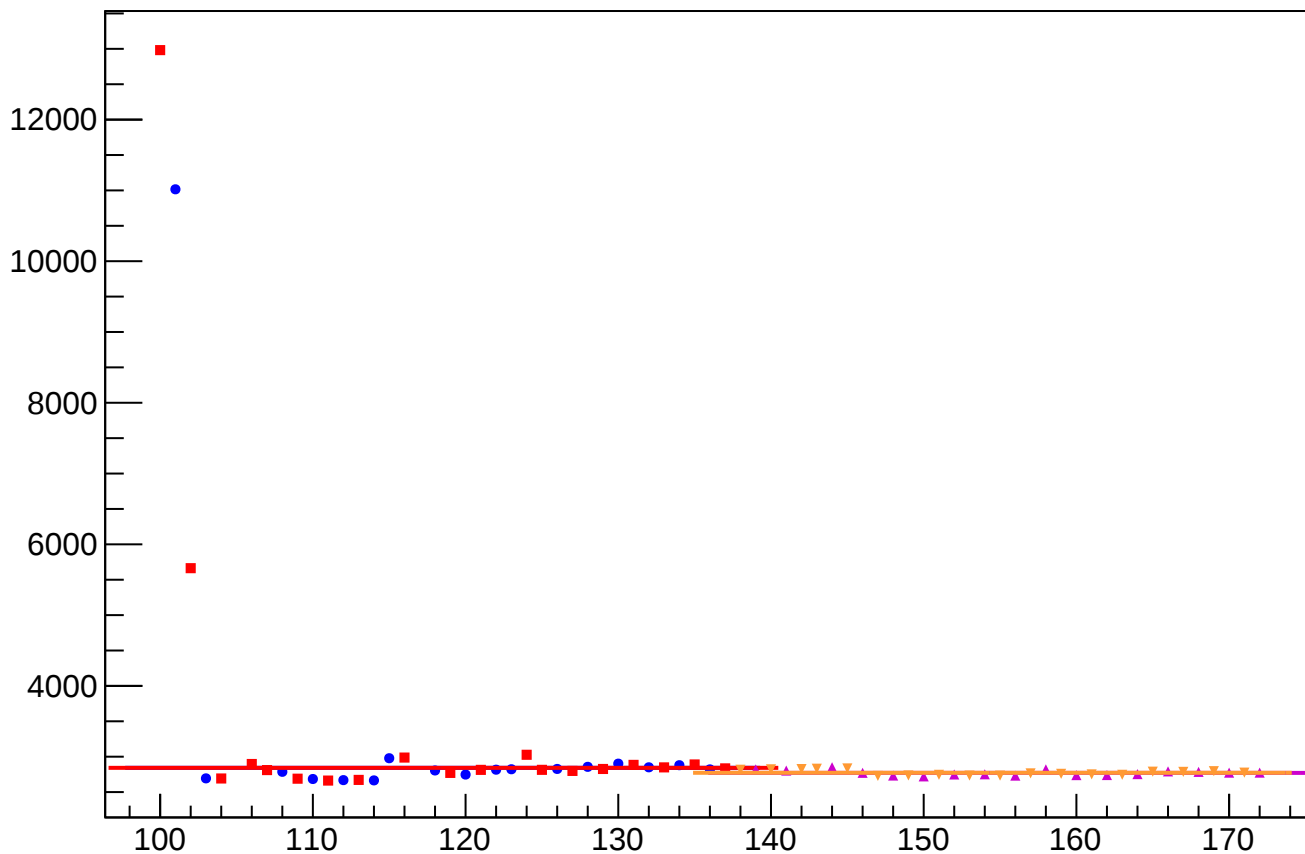
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2518.157+/-628.875 χ^2/NDF : 45.8/33

Out: 2603.834+/-618.102 χ^2/NDF : 31.2/36

All: 2561.735+/-440.824 χ^2/NDF : 77.0/70

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.605+/-0.531 χ^2/NDF : 4564.3/17

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2771.016+/-0.536 χ^2/NDF : 4514.4/16

Left: 2771.817+/-0.377 χ^2/NDF : 9083.1/34

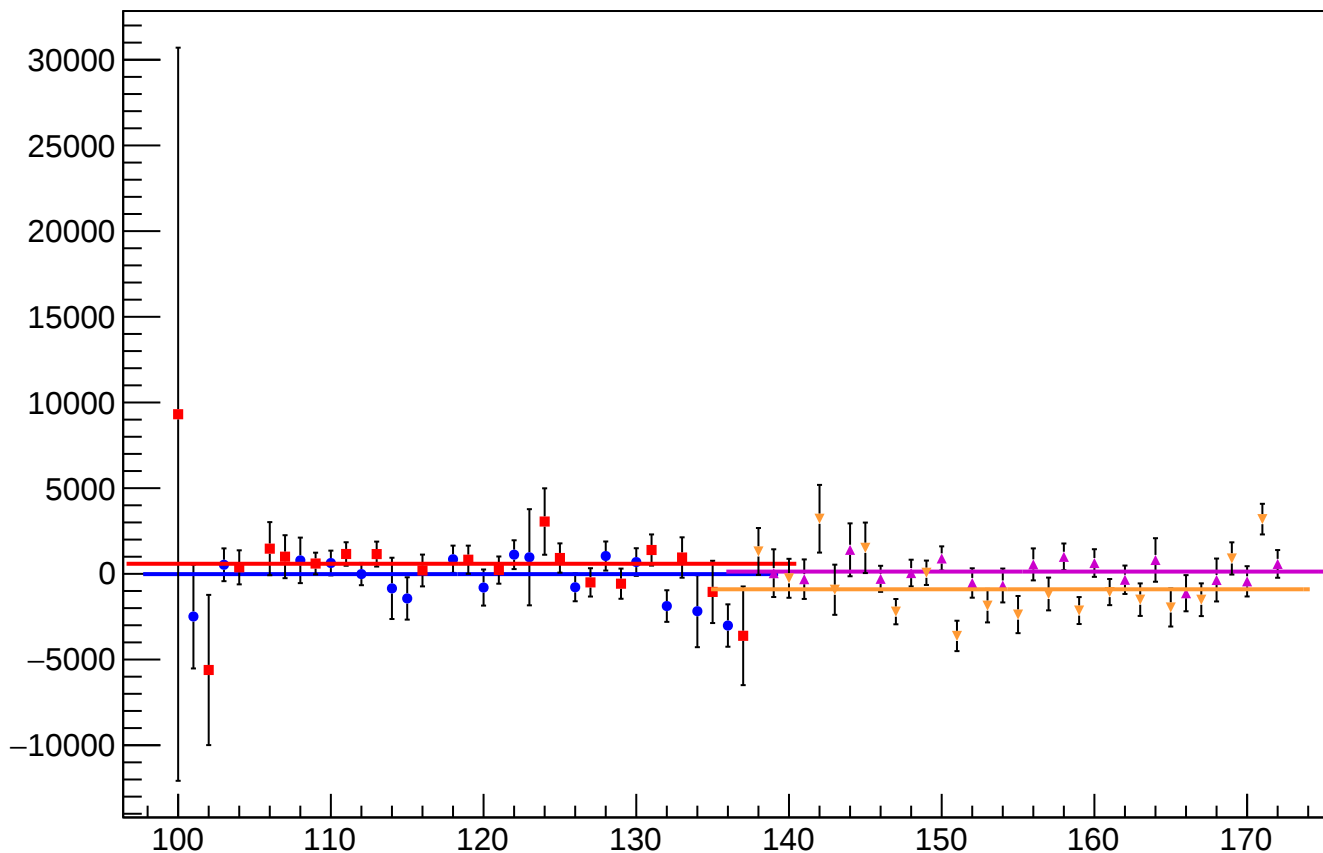
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.376+/-0.445 χ^2/NDF : 670388.9/33

Out: 2795.205+/-0.437 χ^2/NDF : 322488.2/36

All: 2794.306+/-0.312 χ^2/NDF : 992885.7/70

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -900.359 ± 227.656 χ^2/NDF : 56.1/17

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 131.936 ± 222.395 χ^2/NDF : 8.3/16

Left: -372.145 ± 159.084 χ^2/NDF : 75.0/34

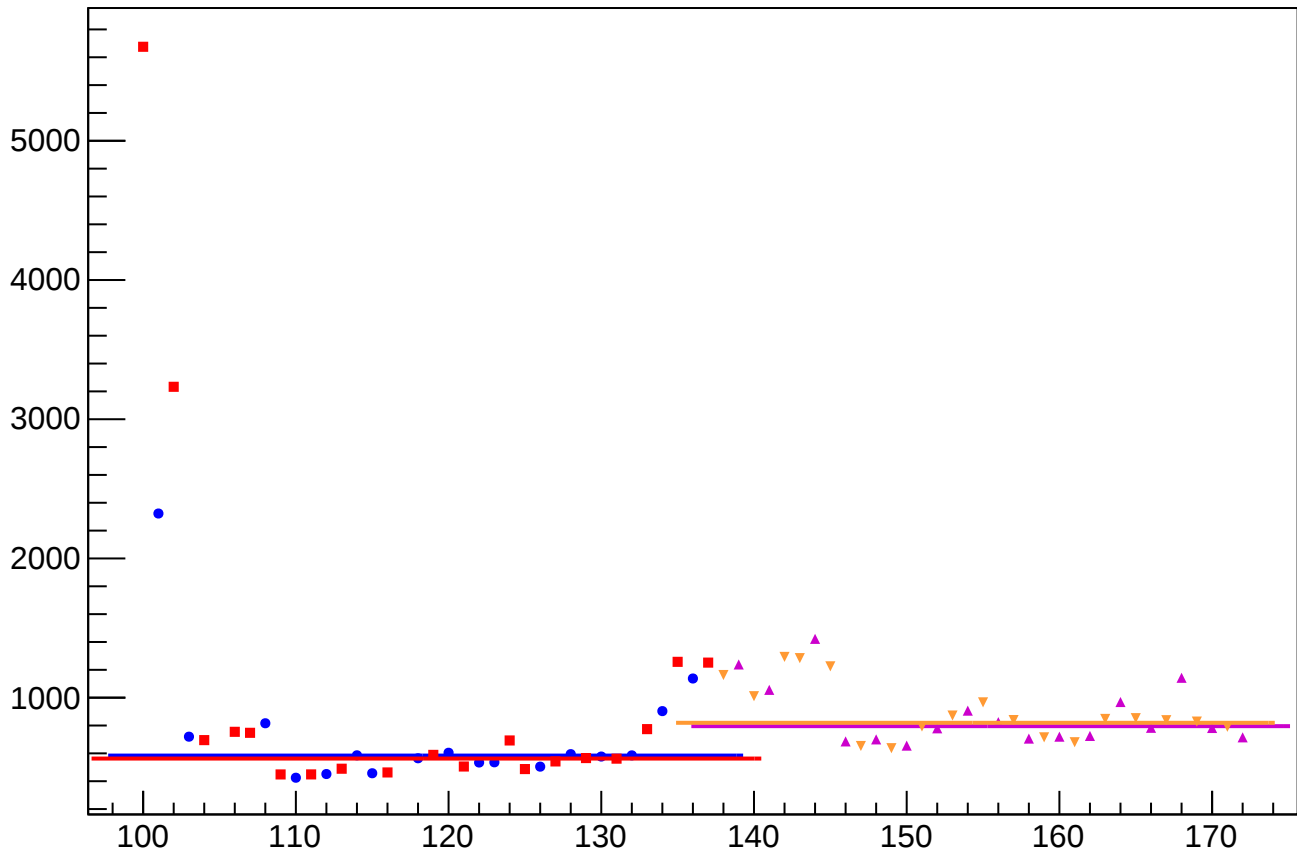
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 63.414 ± 162.767 χ^2/NDF : 30.1/33

Out: -149.790 ± 160.316 χ^2/NDF : 91.2/36

All: -44.805 ± 114.217 χ^2/NDF : 122.2/70

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.559 $\pm$ 0.161 χ^2/NDF : 1036946.6/17

Right Out: 562.692 $\pm$ 0.160 χ^2/NDF : 1639562.8/18

Left In: 795.434 $\pm$ 0.157 χ^2/NDF : 1082827.2/16

Left: 807.215 $\pm$ 0.112 χ^2/NDF : 2131266.2/34

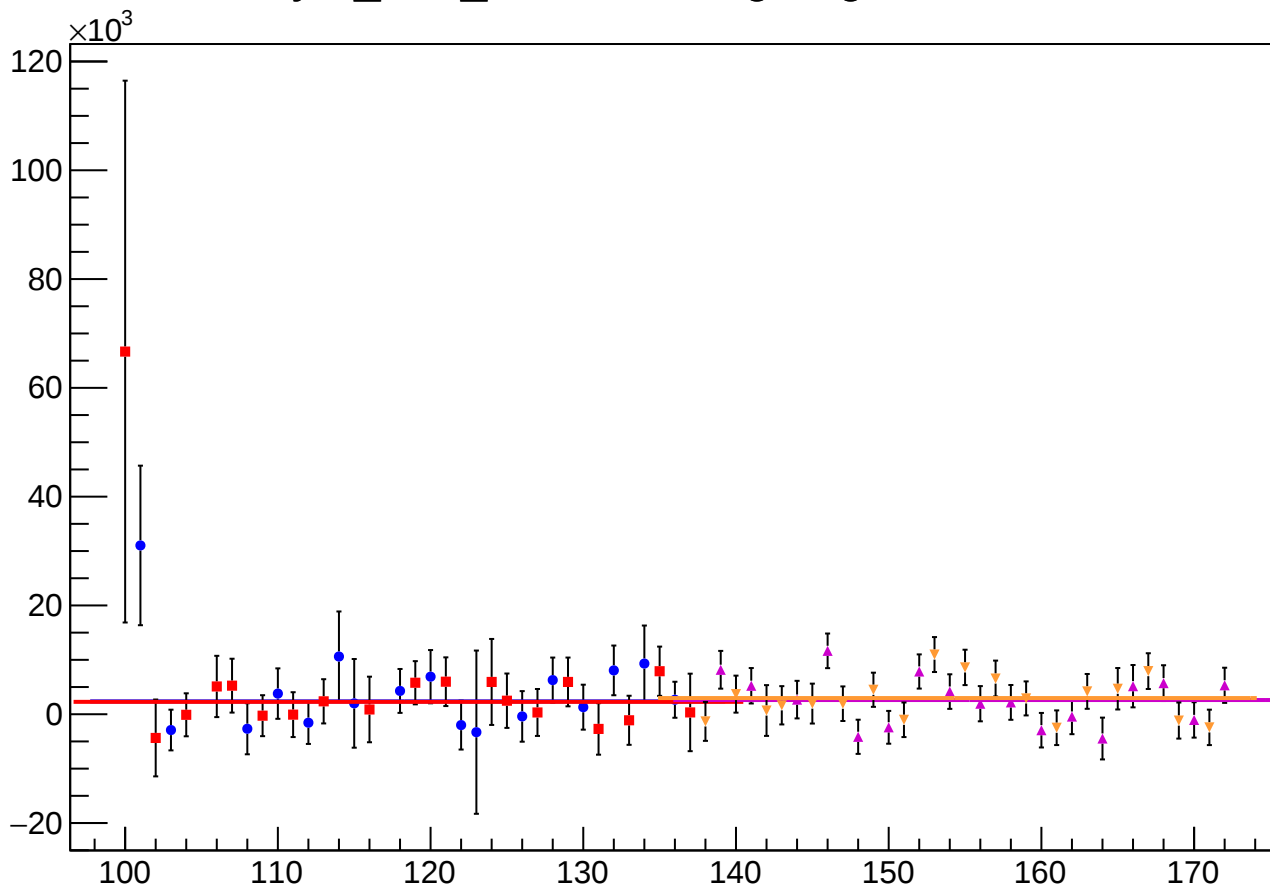
Right: 572.773 $\pm$ 0.116 χ^2/NDF : 3084624.9/35

In: 697.282 $\pm$ 0.115 χ^2/NDF : 3358408.1/33

Out: 690.073 $\pm$ 0.113 χ^2/NDF : 3960033.6/36

All: 693.623 $\pm$ 0.081 χ^2/NDF : 7320432.8/70

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2973.748 $\pm$ 792.224 χ^2 /NDF: 24.1/17

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2610.643 $\pm$ 796.674 χ^2 /NDF: 32.4/16

Left: 2793.212 $\pm$ 561.754 χ^2 /NDF: 56.6/34

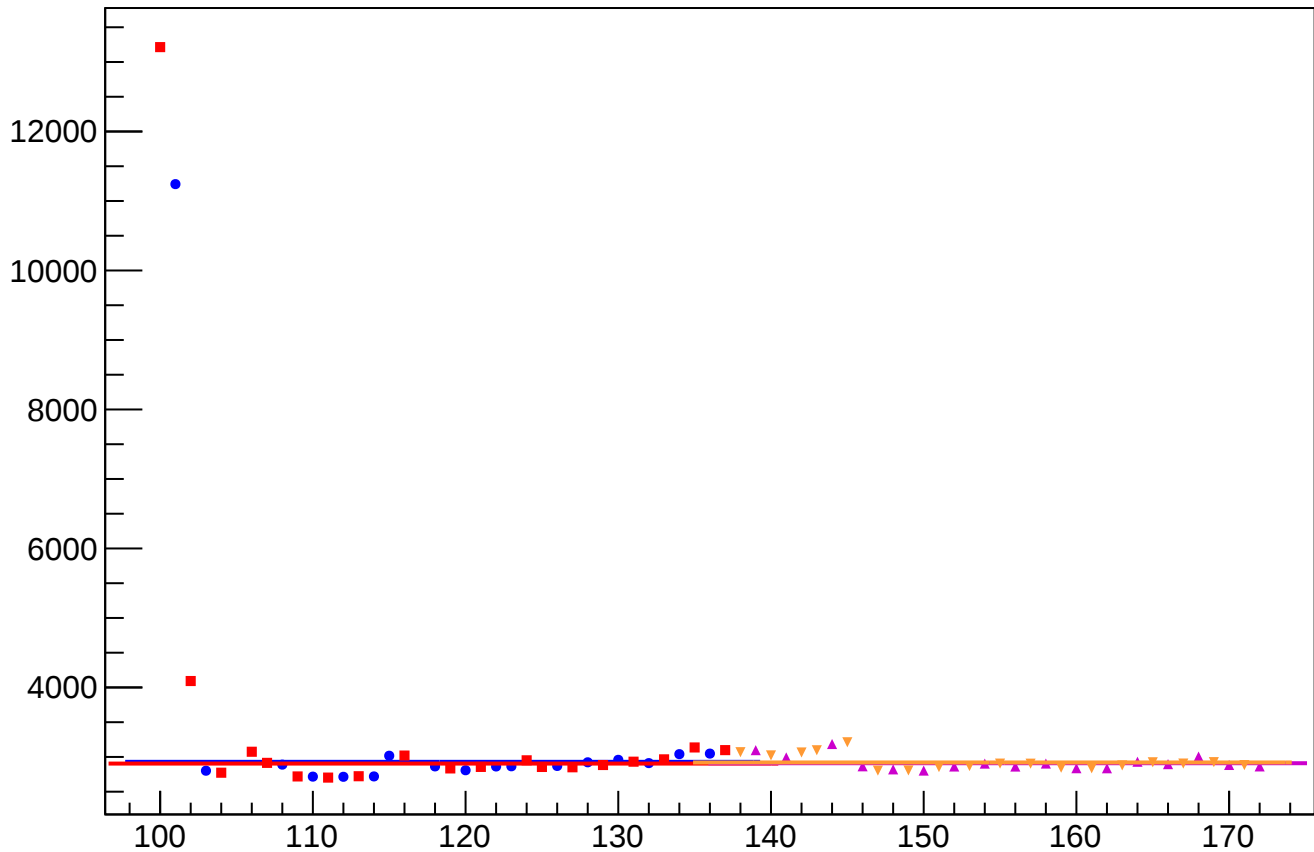
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2531.203 $\pm$ 656.700 χ^2 /NDF: 47.5/33

Out: 2739.245 $\pm$ 645.158 χ^2 /NDF: 34.6/36

All: 2637.068 $\pm$ 460.222 χ^2 /NDF: 82.1/70

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2920.634+/-0.560 χ^2/NDF : 34726.1/17

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2909.762+/-0.563 χ^2/NDF : 29654.1/16

Left: 2915.228+/-0.397 χ^2/NDF : 64567.5/34

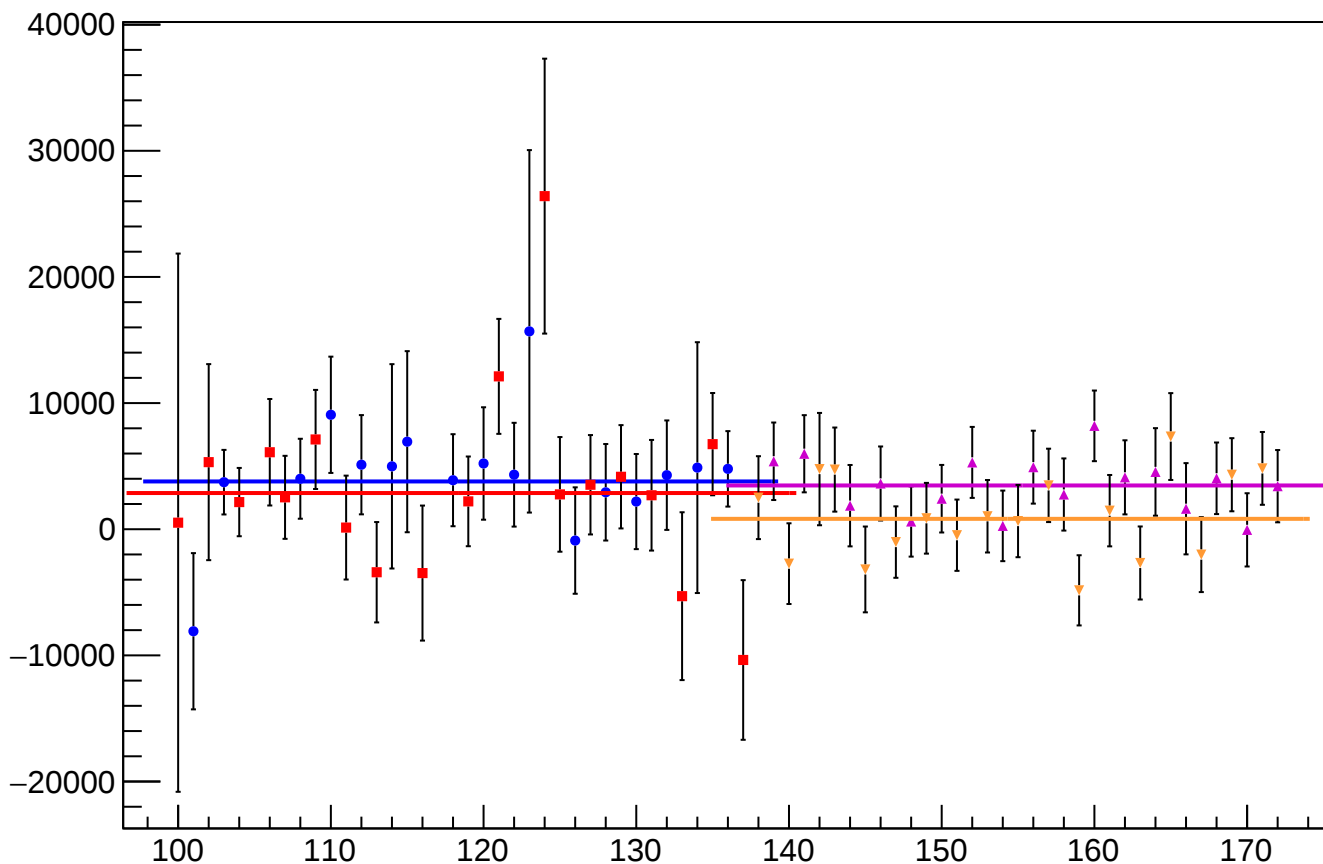
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2916.138+/-0.464 χ^2/NDF : 692682.8/33

Out: 2915.223+/-0.456 χ^2/NDF : 204291.8/36

All: 2915.672+/-0.325 χ^2/NDF : 896976.5/70

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 823.471 $\pm$ 713.234 χ^2/NDF : 20.1/17

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3469.512 $\pm$ 714.799 χ^2/NDF : 9.3/16

Left: 2143.593 $\pm$ 504.885 χ^2/NDF : 36.3/34

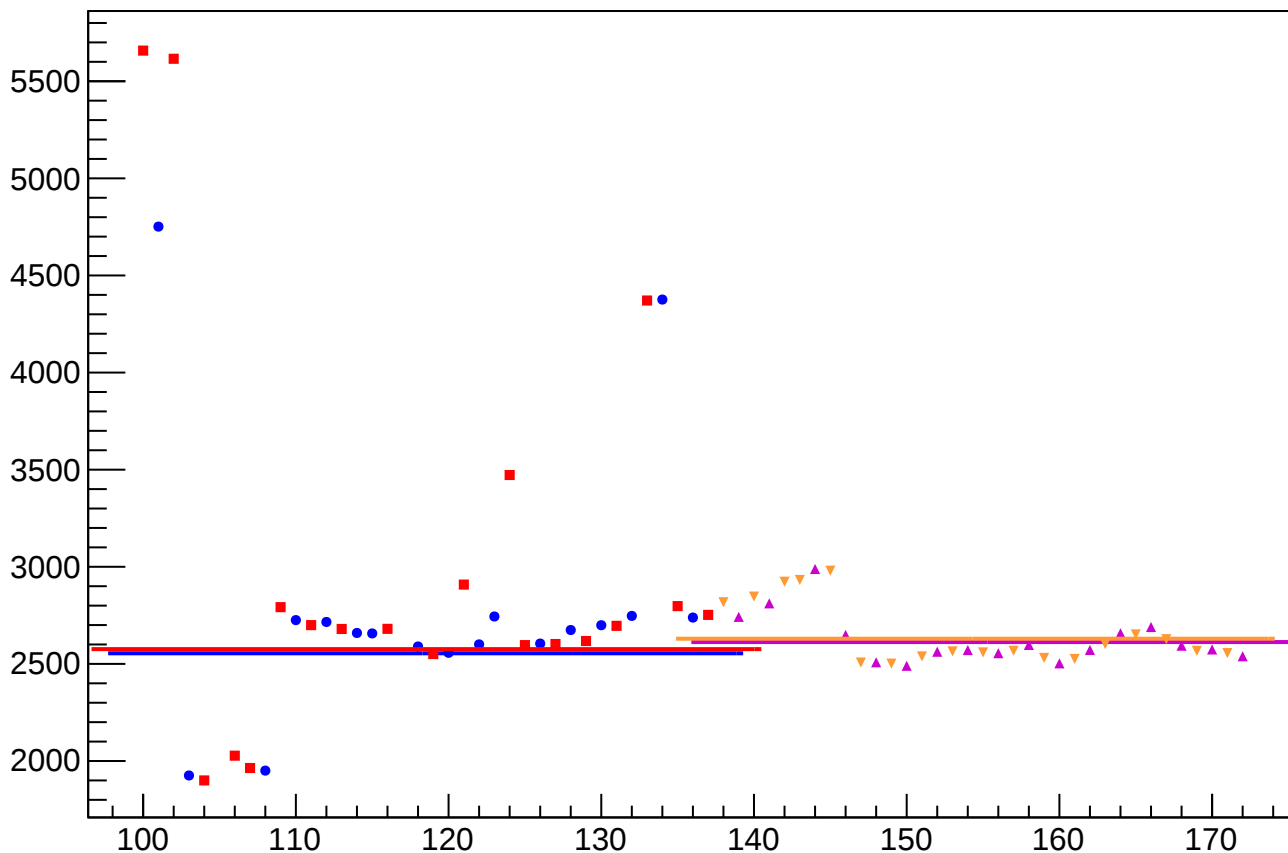
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3576.009 $\pm$ 583.098 χ^2/NDF : 17.1/33

Out: 1510.638 $\pm$ 581.250 χ^2/NDF : 44.9/36

All: 2540.045 $\pm$ 411.658 χ^2/NDF : 68.3/70

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2629.738 $\pm$ 0.504 χ^2 /NDF: 82999.9/17

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2612.480 $\pm$ 0.505 χ^2 /NDF: 54879.1/16

Left: 2621.128 $\pm$ 0.357 χ^2 /NDF: 138463.2/34

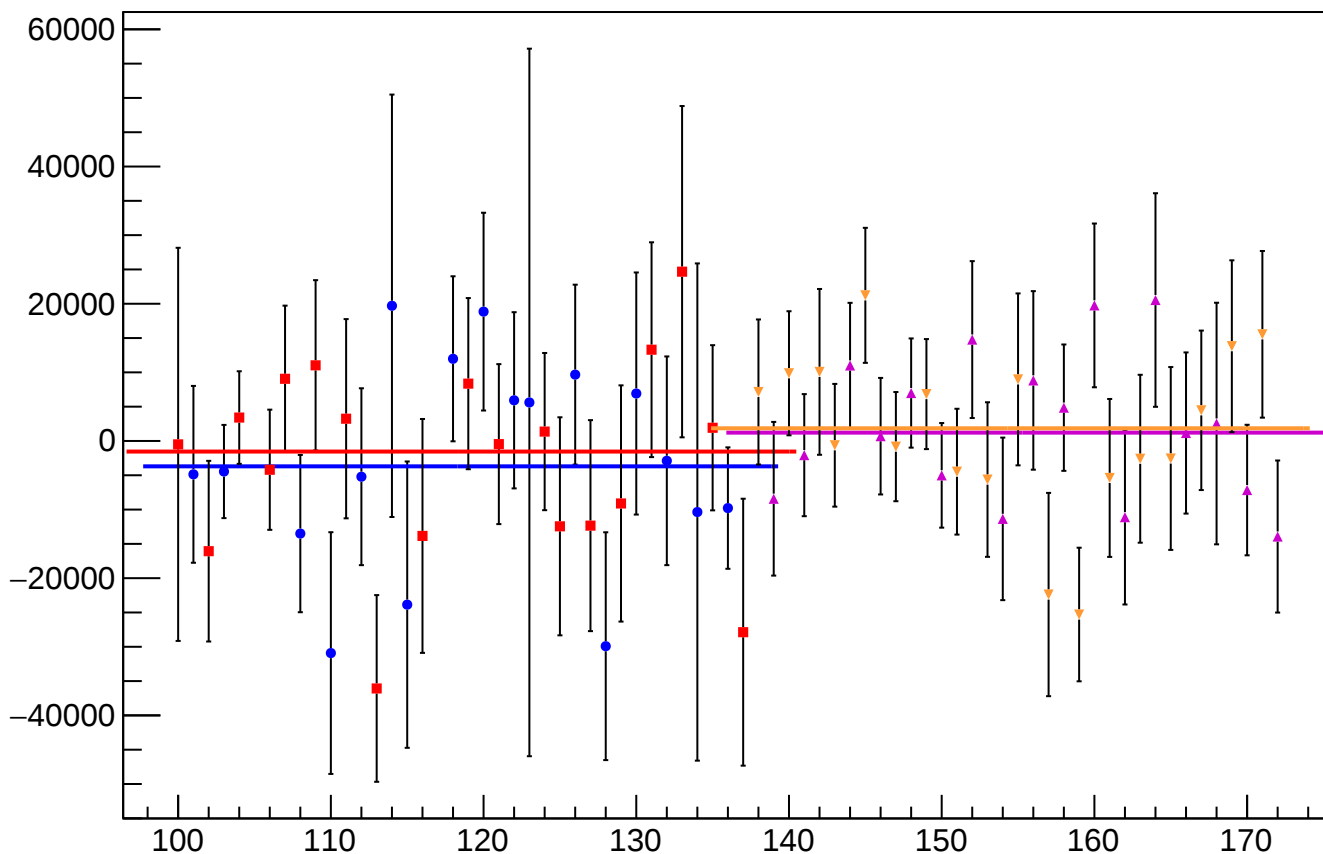
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2593.095 $\pm$ 0.412 χ^2 /NDF: 595901.7/33

Out: 2611.706 $\pm$ 0.411 χ^2 /NDF: 851960.8/36

All: 2602.431 $\pm$ 0.291 χ^2 /NDF: 1448884.5/70

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1849.581+/-2470.432 χ^2/NDF : 20.5/17

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1214.374+/-2508.489 χ^2/NDF : 13.8/16

Left: 1536.832+/-1760.160 χ^2/NDF : 34.3/34

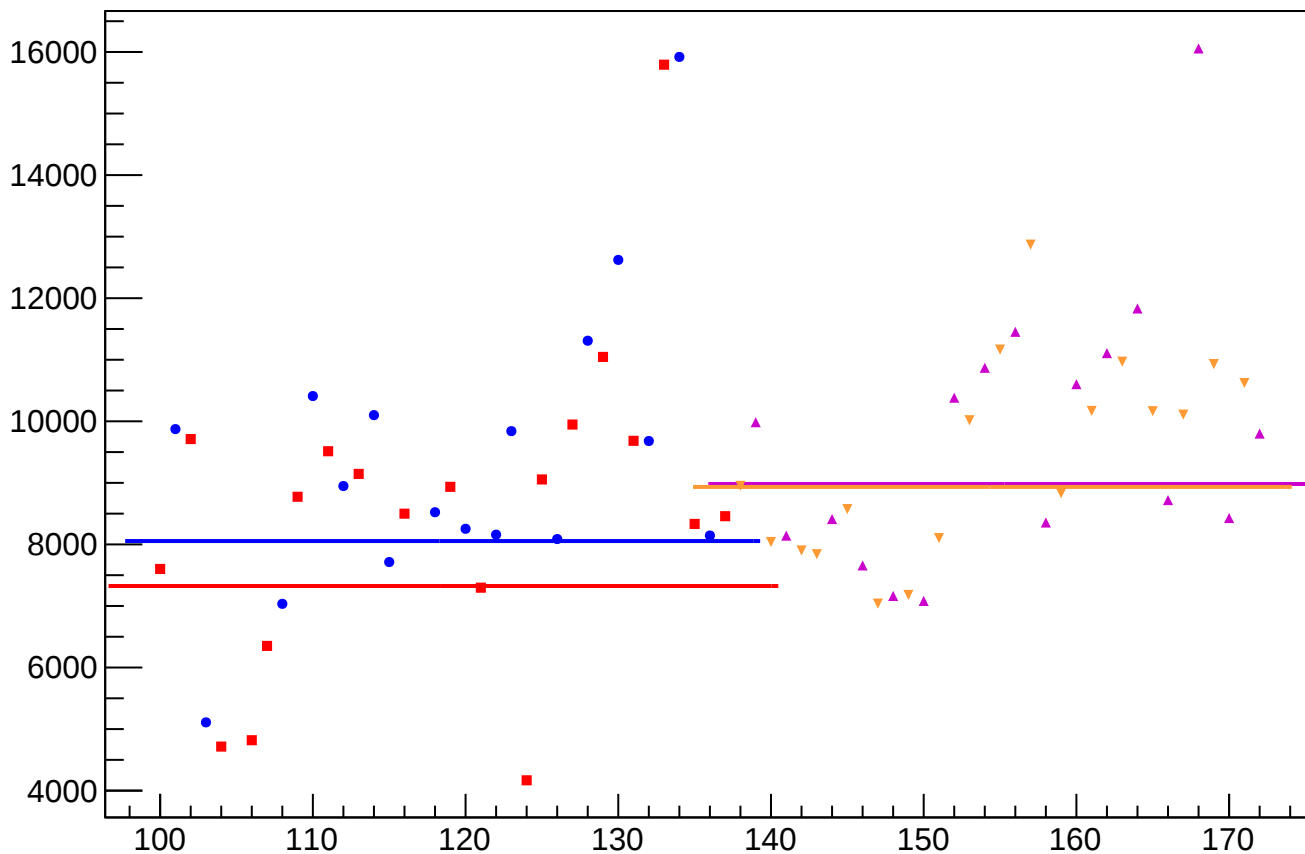
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -643.060+/-1978.375 χ^2/NDF : 29.1/33

Out: 420.349+/-1879.720 χ^2/NDF : 38.1/36

All: -84.181+/-1362.705 χ^2/NDF : 67.3/70

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8934.136 $\pm$ 1.747 χ^2 /NDF: 720890.5/17

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8981.858 $\pm$ 1.774 χ^2 /NDF: 982599.5/16

Left: 8957.632 $\pm$ 1.245 χ^2 /NDF: 1703857.5/34

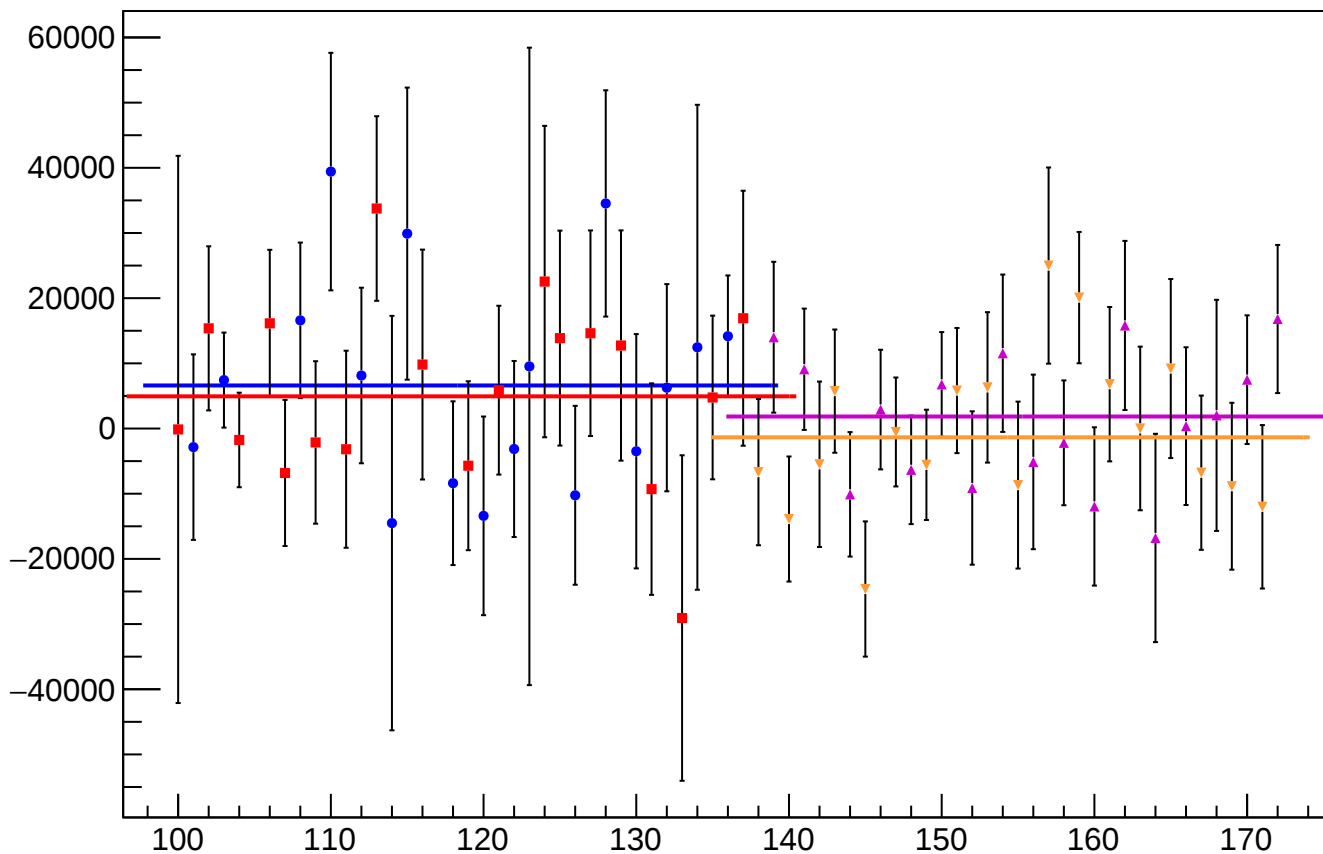
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8631.423 $\pm$ 1.399 χ^2 /NDF: 1906623.0/33

Out: 8256.309 $\pm$ 1.329 χ^2 /NDF: 2414627.4/36

All: 8434.280 $\pm$ 0.964 χ^2 /NDF: 4359038.6/70

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1348.879+/-2574.261 χ^2/NDF : 19.2/17

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1843.008+/-2608.347 χ^2/NDF : 12.5/16

Left: 226.072+/-1832.210 χ^2/NDF : 32.4/34

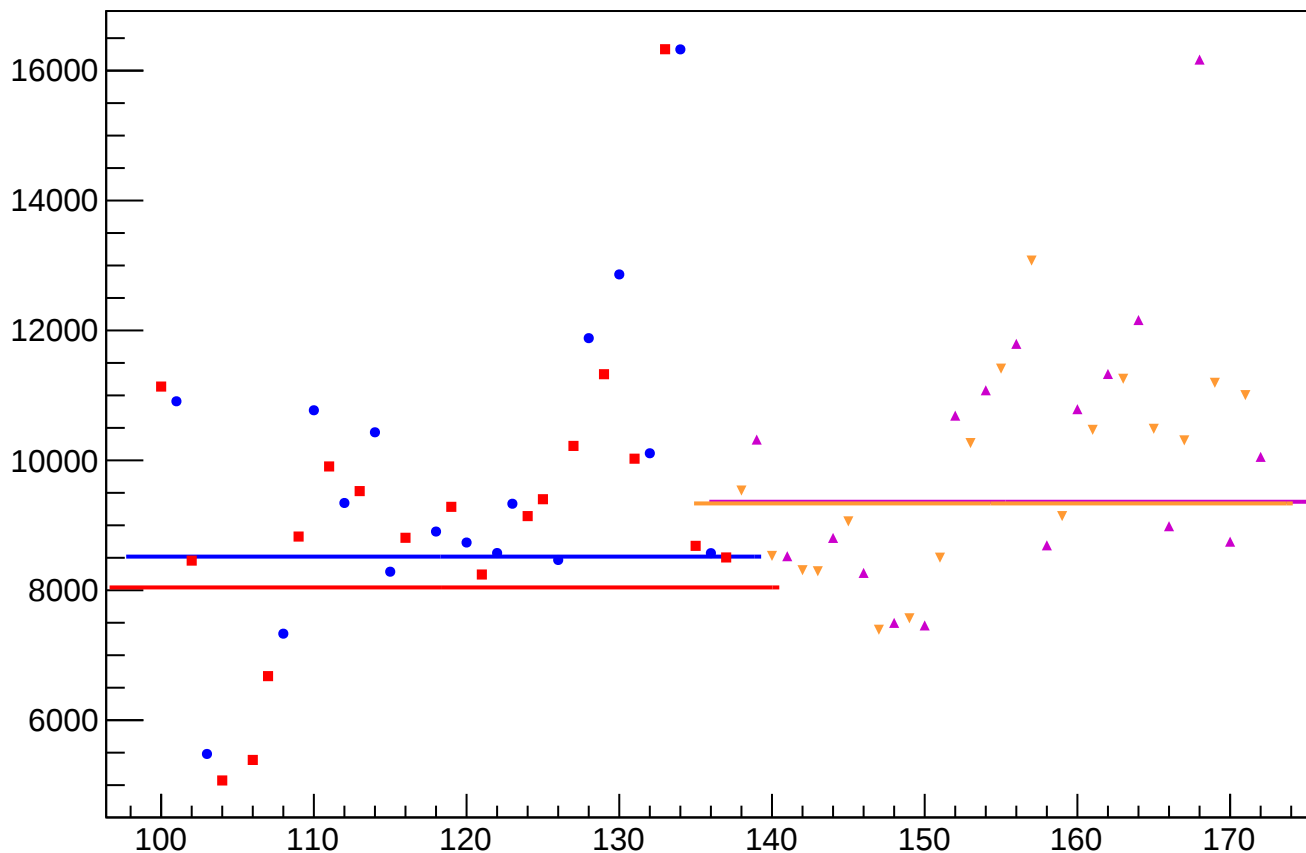
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3610.844+/-2068.574 χ^2/NDF : 28.4/33

Out: 1151.858+/-1997.791 χ^2/NDF : 35.1/36

All: 2338.561+/-1437.024 χ^2/NDF : 64.2/70

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9336.810+/-1.820 χ^2/NDF : 624235.0/17

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9362.648+/-1.844 χ^2/NDF : 866134.6/16

Left: 9349.559+/-1.296 χ^2/NDF : 1490468.9/34

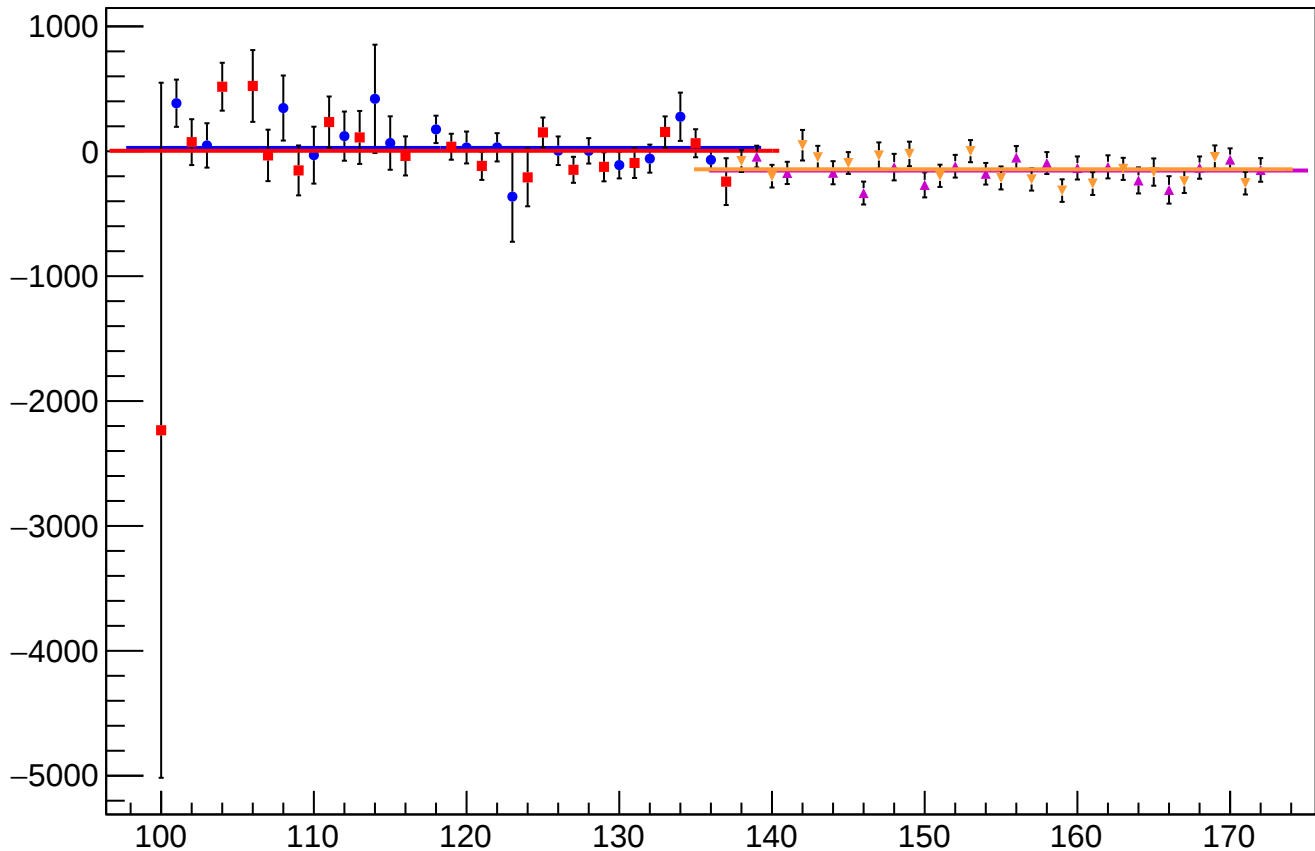
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9049.336+/-1.463 χ^2/NDF : 1715899.3/33

Out: 8822.507+/-1.413 χ^2/NDF : 1778514.1/36

All: 8931.973+/-1.016 χ^2/NDF : 3506856.3/70

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -144.292 $\pm$ 22.002 χ^2/NDF :20.8/17

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -154.045 $\pm$ 22.630 χ^2/NDF :12.7/16

Left: -149.031 $\pm$ 15.775 χ^2/NDF : 33.6/34

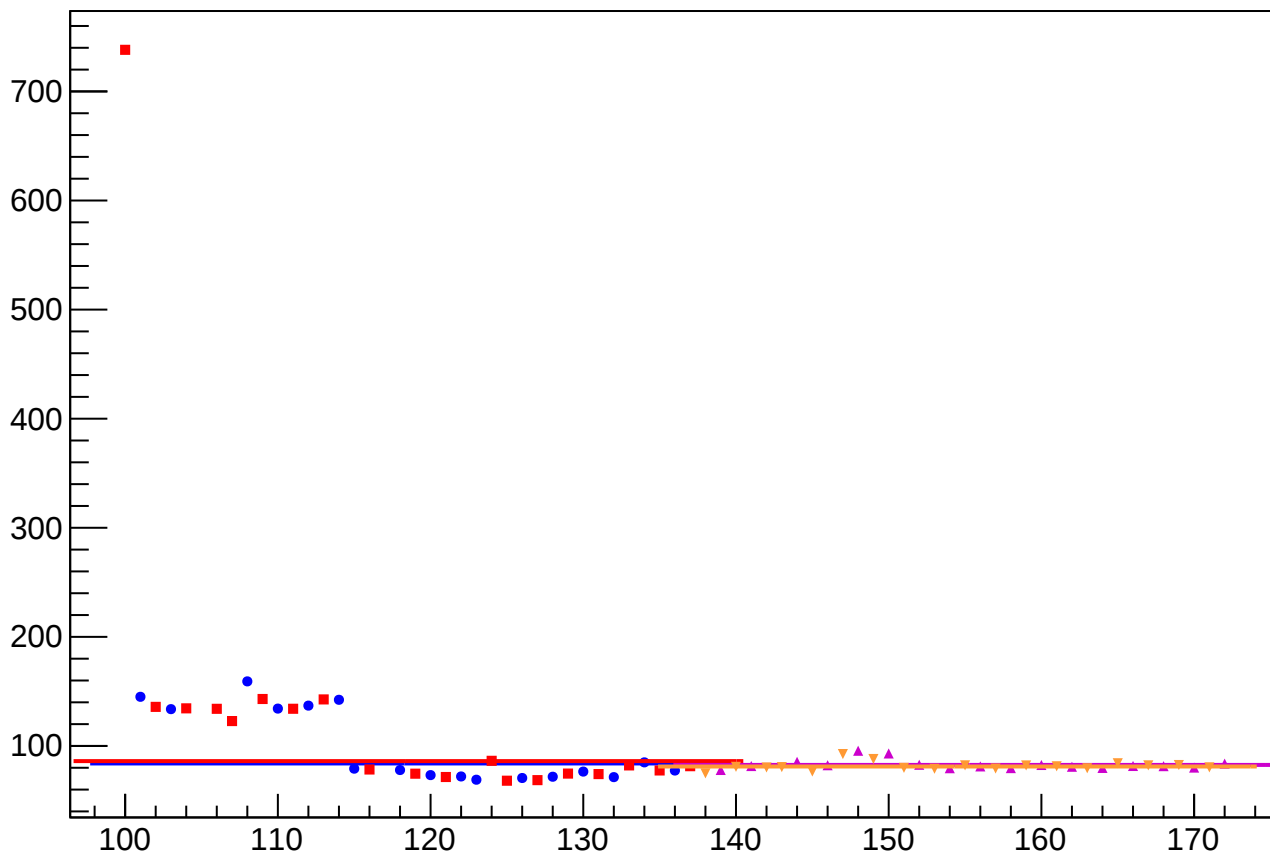
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -97.698 $\pm$ 18.774 χ^2/NDF :47.1/33

Out: -100.226 $\pm$ 18.446 χ^2/NDF :58.9/36

All: -98.984 $\pm$ 13.158 χ^2/NDF : 106.0/70

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.169+/-0.016 χ^2/NDF : 55224.9/17

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 82.615+/-0.016 χ^2/NDF : 69040.8/16

Left: 81.871+/-0.011 χ^2/NDF : 128461.0/34

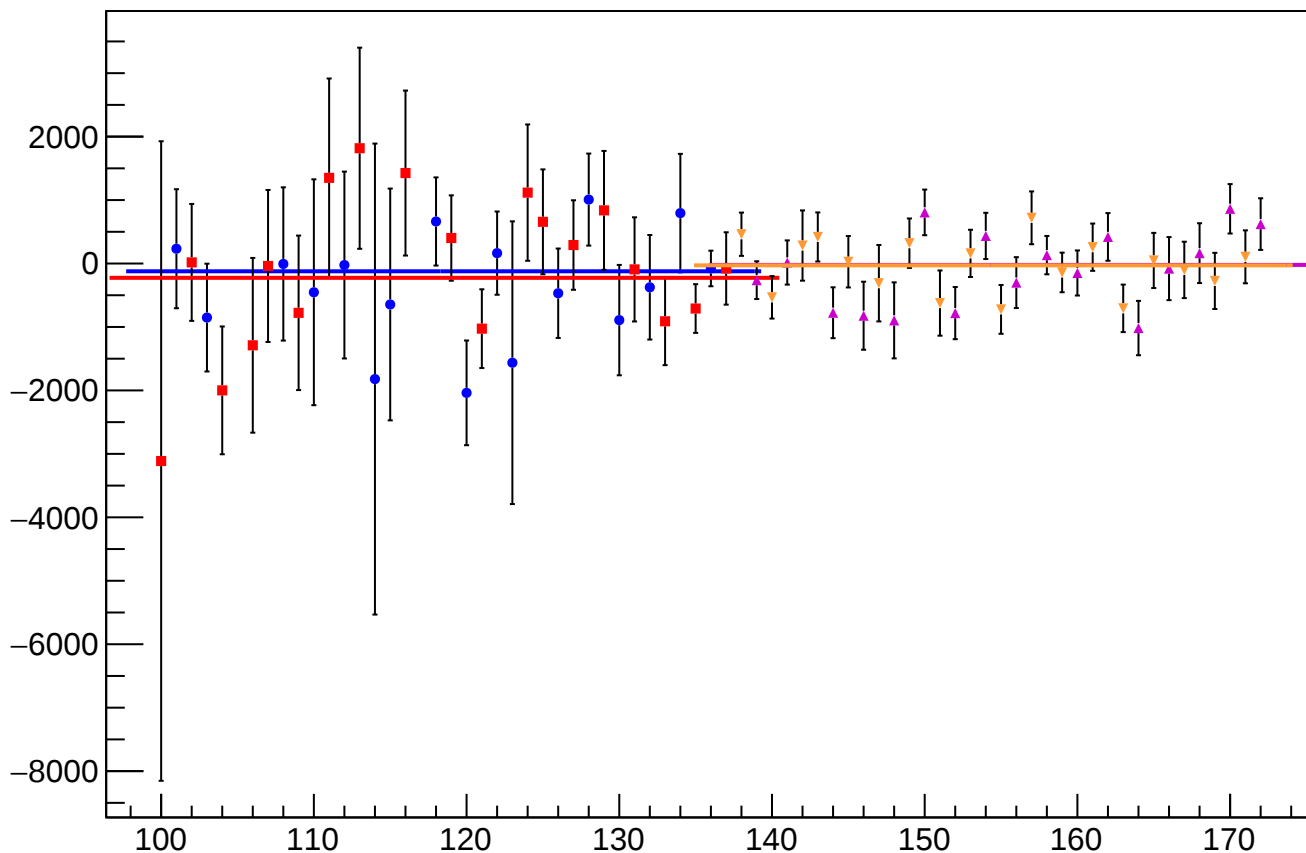
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.034+/-0.013 χ^2/NDF : 1031500.3/33

Out: 82.637+/-0.013 χ^2/NDF : 1221404.2/36

All: 82.832+/-0.009 χ^2/NDF : 2253360.5/70

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -28.981 ± 94.373 χ^2/NDF : 19.6/17

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -21.975 ± 94.478 χ^2/NDF : 34.3/16

Left: -25.482 ± 66.769 χ^2/NDF : 53.9/34

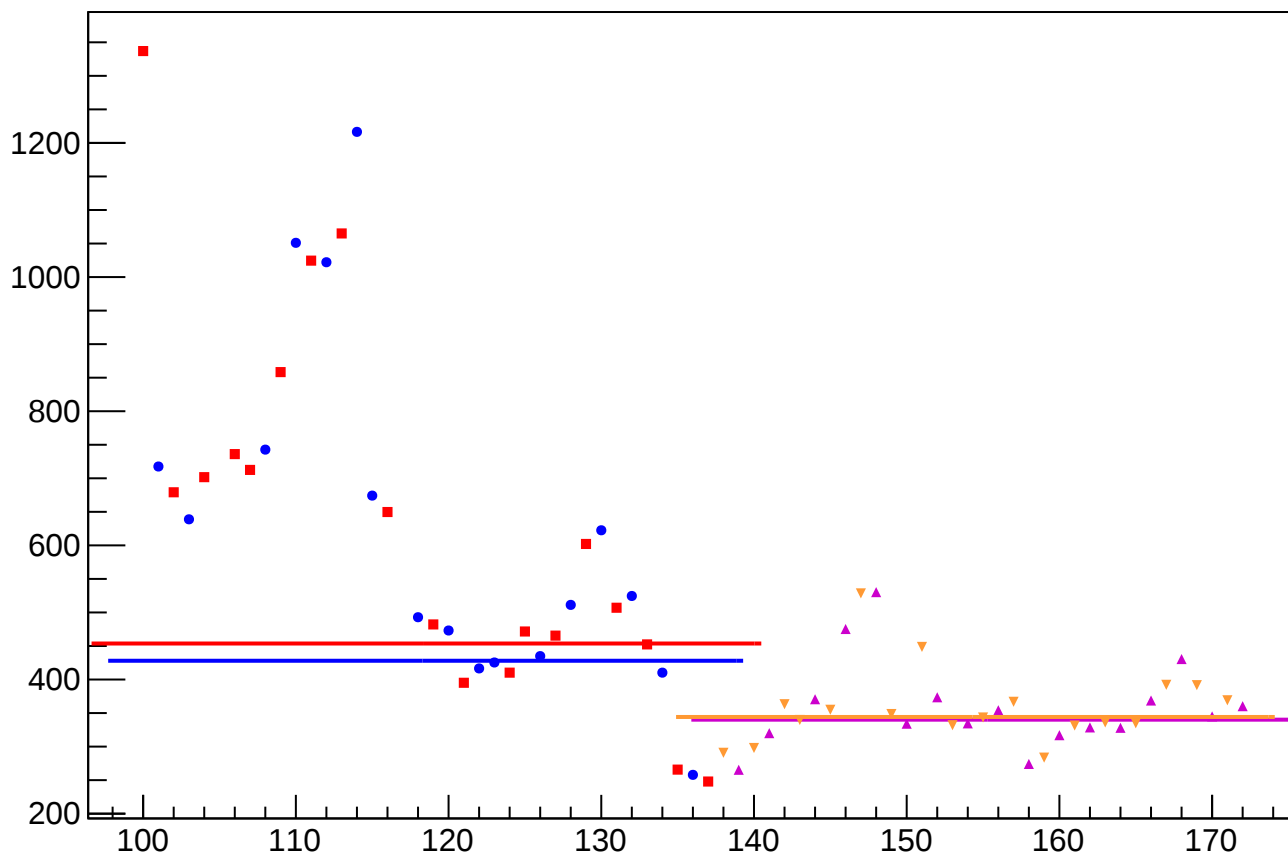
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -43.747 ± 83.613 χ^2/NDF : 47.6/33

Out: -69.553 ± 84.064 χ^2/NDF : 38.8/36

All: -56.581 ± 59.282 χ^2/NDF : 86.5/70

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.173+/-0.067 χ^2/NDF : 502291.3/17

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 340.154+/-0.067 χ^2/NDF : 682365.9/16

Left: 342.166+/-0.047 χ^2/NDF : 1186469.1/34

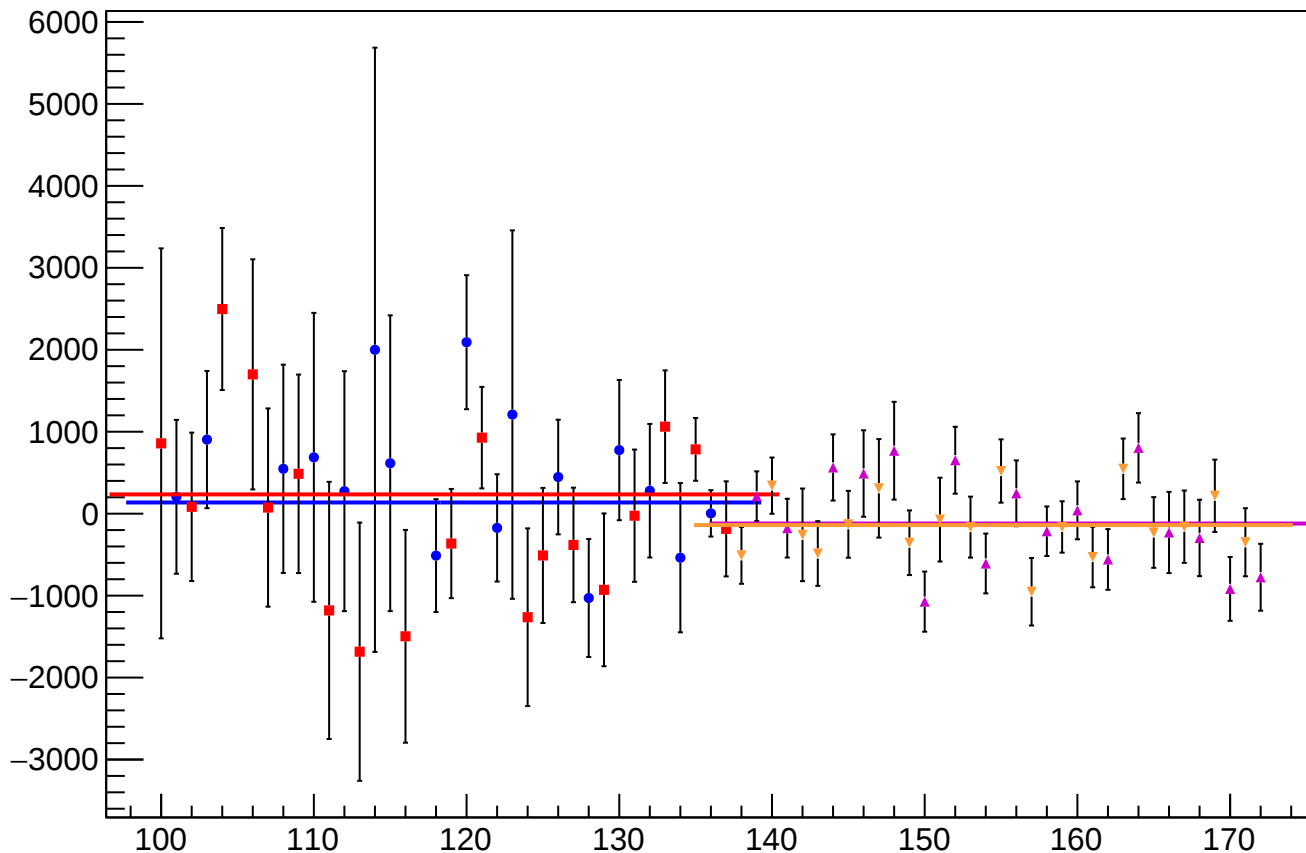
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.193+/-0.059 χ^2/NDF : 3119300.3/33

Out: 366.794+/-0.059 χ^2/NDF : 3193217.3/36

All: 362.973+/-0.042 χ^2/NDF : 6320737.5/70

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.055 $\pm$ 94.698 χ^2 /NDF:17.1/17

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -120.238 $\pm$ 94.740 χ^2 /NDF:34.0/16

Left: -129.651 $\pm$ 66.977 χ^2 /NDF: 51.2/34

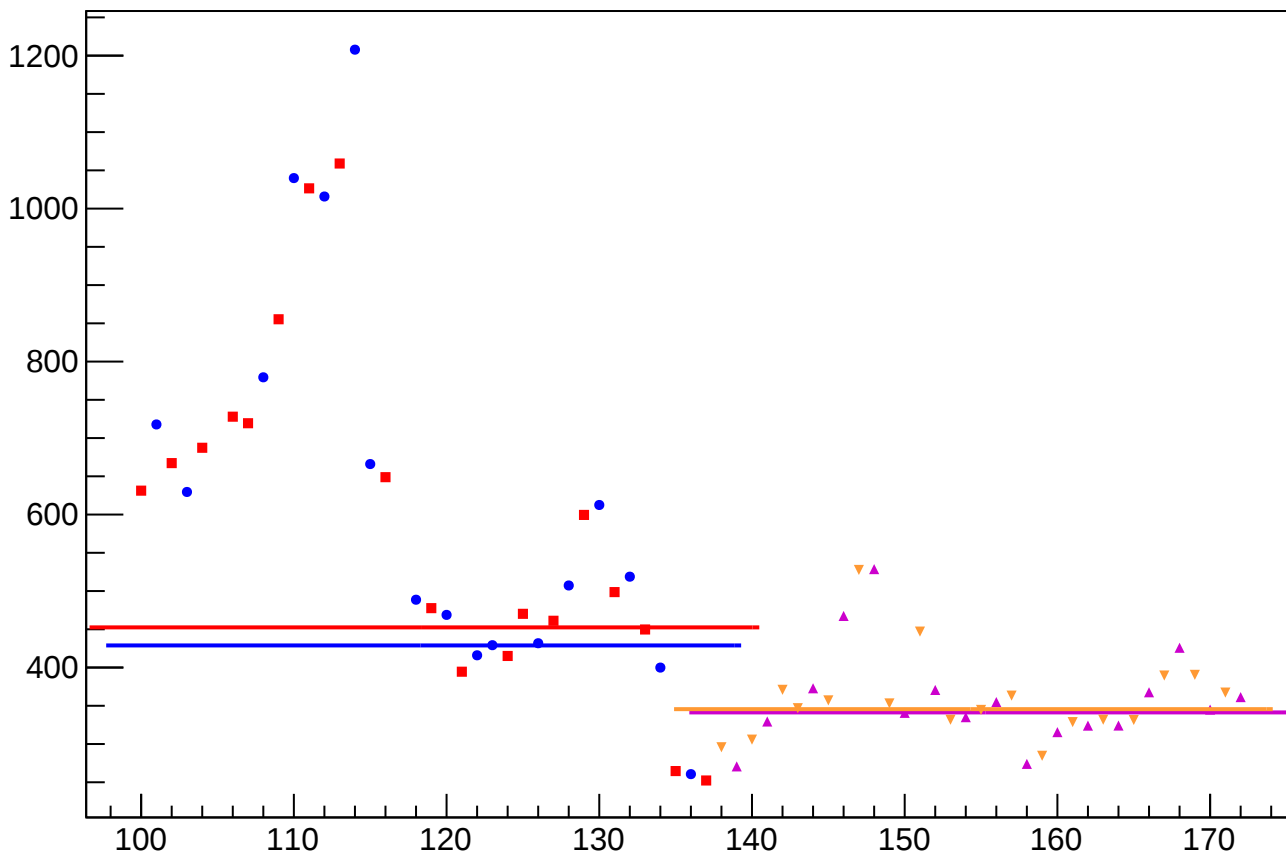
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: -64.286 $\pm$ 83.797 χ^2 /NDF:48.3/33

Out: -60.671 $\pm$ 84.204 χ^2 /NDF:42.2/36

All: -62.487 $\pm$ 59.397 χ^2 /NDF: 90.5/70

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.585+/-0.067 χ^2/NDF : 474021.0/17

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 341.315+/-0.067 χ^2/NDF : 640973.2/16

Left: 343.451+/-0.047 χ^2/NDF : 1117026.0/34

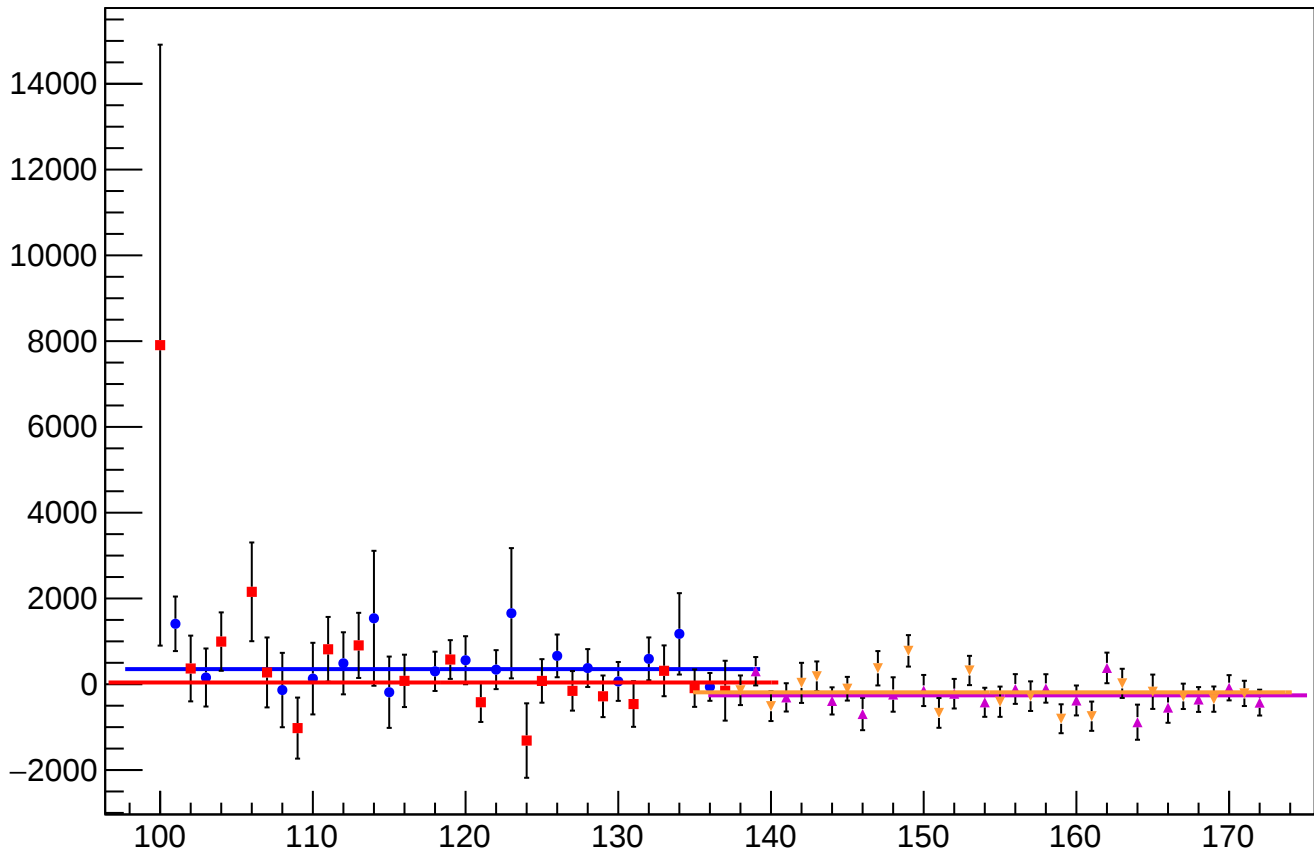
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.378+/-0.059 χ^2/NDF : 3023543.4/33

Out: 367.966+/-0.060 χ^2/NDF : 3049728.0/36

All: 364.153+/-0.042 χ^2/NDF : 6081432.7/70

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -188.257 $\pm$ 79.951 χ^2/NDF : 22.6/17

Right Out: 41.079 $\pm$ 138.996 χ^2/NDF : 18.2/18

Left In: -258.737 $\pm$ 82.166 χ^2/NDF : 12.3/16

Left: -222.534 $\pm$ 57.301 χ^2/NDF : 35.3/34

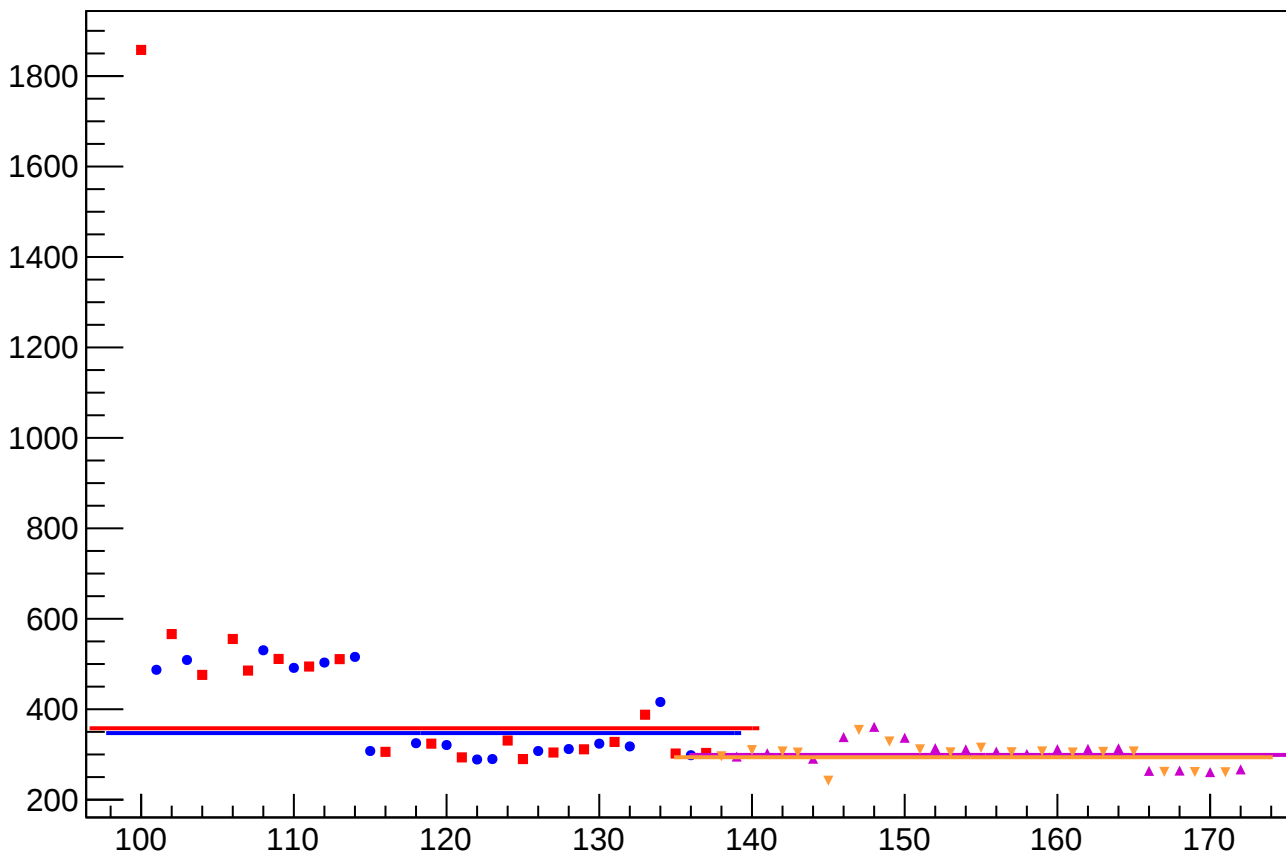
Right: 198.919 $\pm$ 97.679 χ^2/NDF : 29.3/35

In: -97.442 $\pm$ 70.505 χ^2/NDF : 35.4/33

Out: -131.243 $\pm$ 69.304 χ^2/NDF : 42.9/36

All: -114.633 $\pm$ 49.424 χ^2/NDF : 78.4/70

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 293.880 $\pm$ 0.057 χ^2 /NDF: 240908.9/17

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 299.026 $\pm$ 0.058 χ^2 /NDF: 213464.2/16

Left: 296.382 $\pm$ 0.041 χ^2 /NDF: 458401.9/34

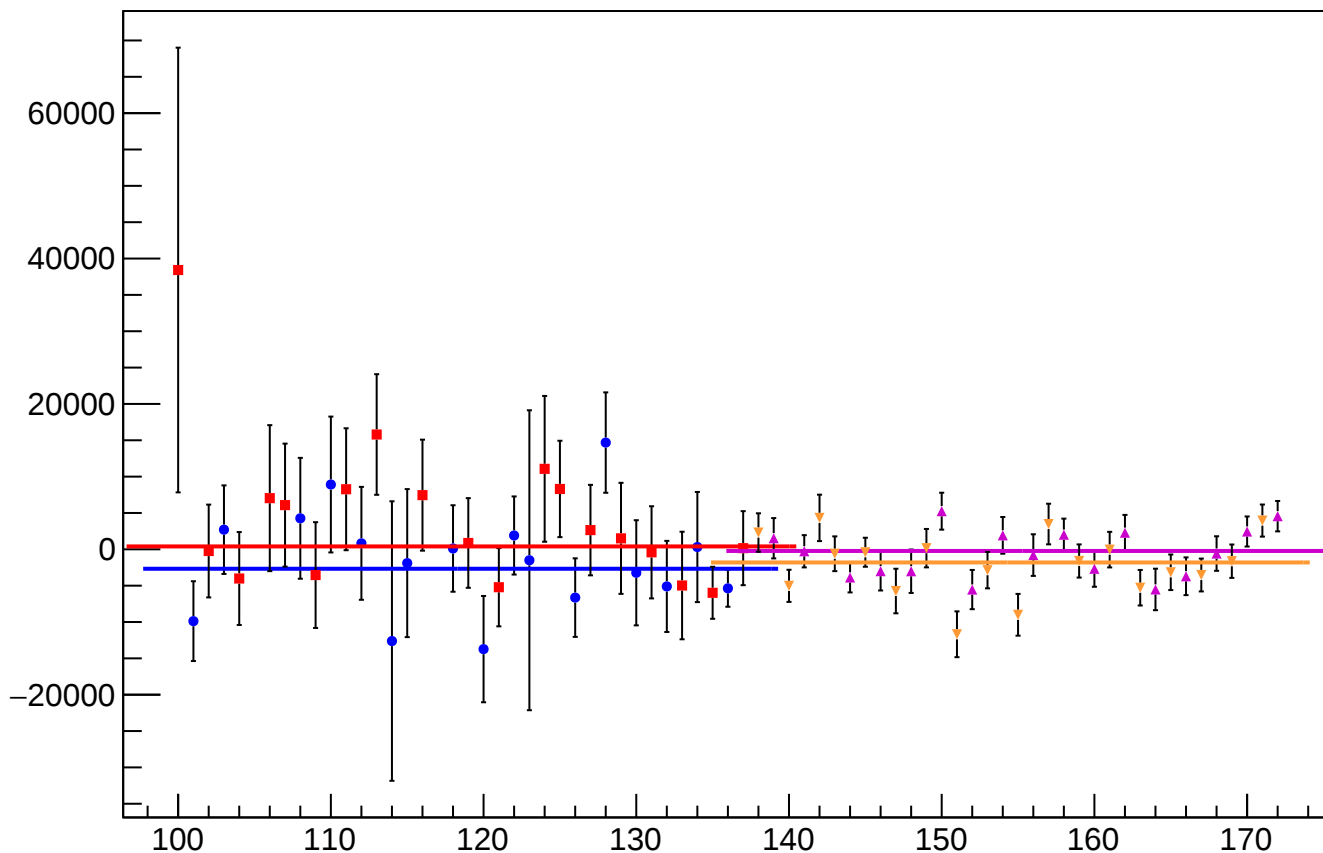
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 311.750 $\pm$ 0.050 χ^2 /NDF: 1014268.5/33

Out: 309.809 $\pm$ 0.049 χ^2 /NDF: 1411911.7/36

All: 310.763 $\pm$ 0.035 χ^2 /NDF: 2426950.8/70

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1808.123+/-585.666 χ^2/NDF : 41.3/17

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -224.930+/-593.254 χ^2/NDF : 30.0/16

Left: -1026.717+/-416.785 χ^2/NDF : 74.9/34

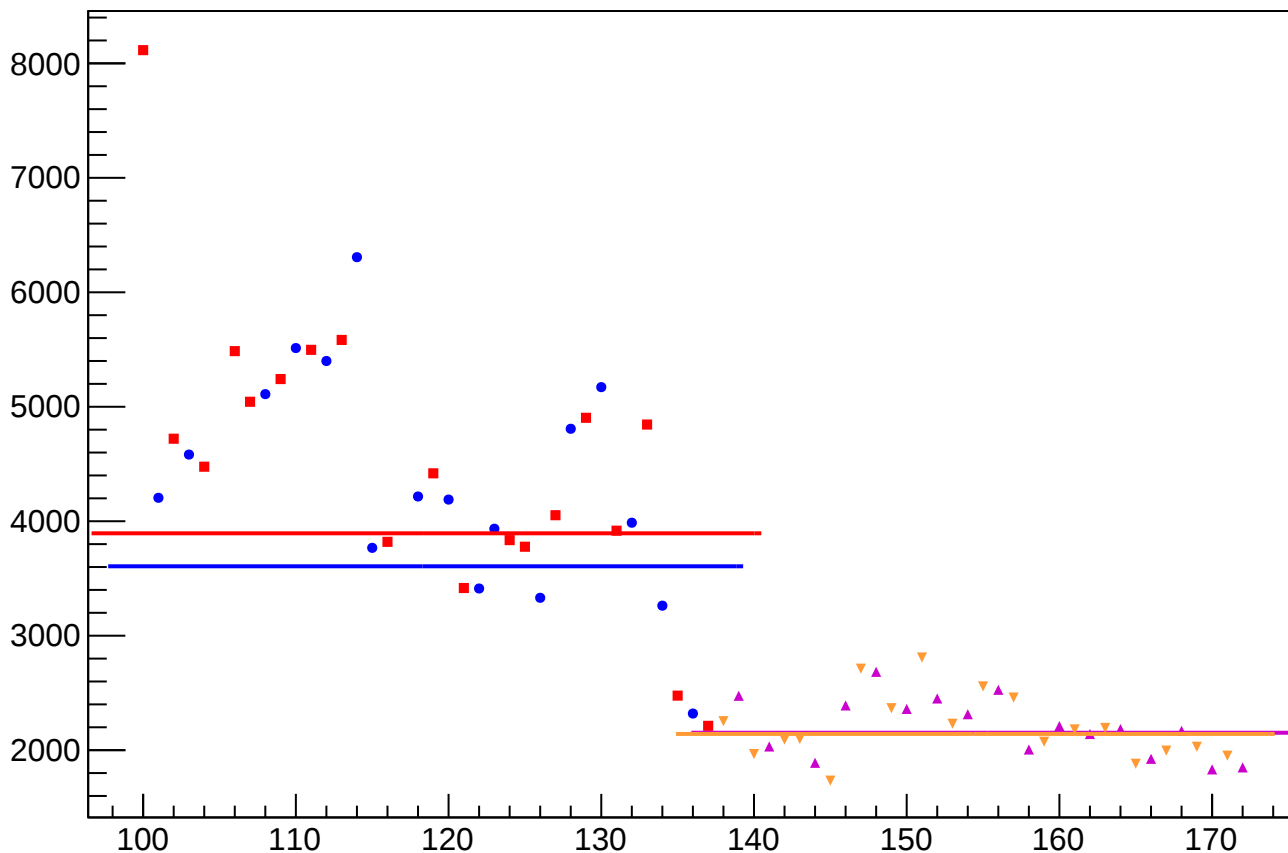
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -573.558+/-549.409 χ^2/NDF : 49.2/33

Out: -1521.559+/-546.314 χ^2/NDF : 59.0/36

All: -1050.237+/-387.392 χ^2/NDF : 109.7/70

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2141.903+/-0.414 χ^2/NDF : 398523.4/17

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2152.301+/-0.419 χ^2/NDF : 341504.1/16

Left: 2147.035+/-0.295 χ^2/NDF : 740338.6/34

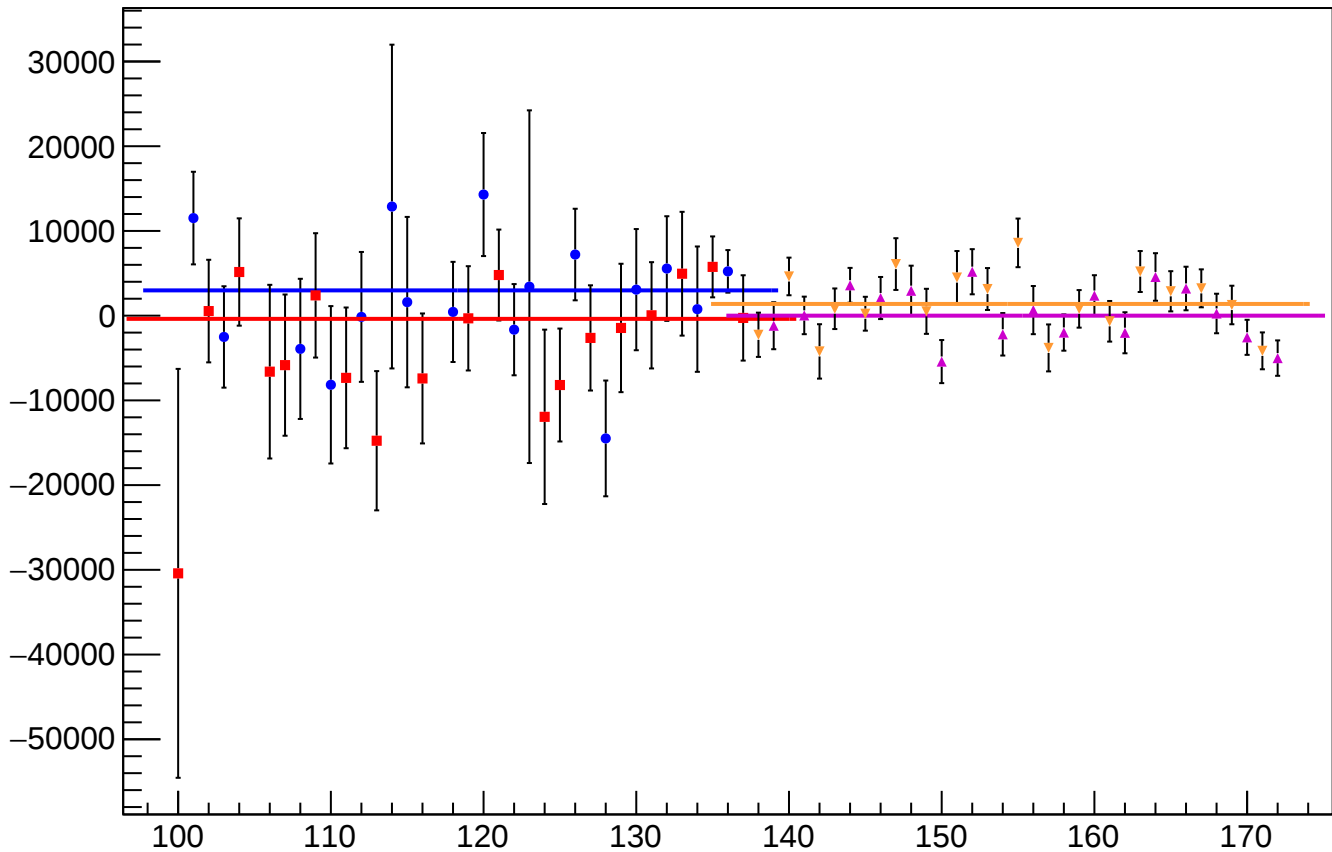
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2359.286+/-0.388 χ^2/NDF : 3144307.4/33

Out: 2369.523+/-0.386 χ^2/NDF : 3757473.2/36

All: 2364.433+/-0.274 χ^2/NDF : 6902129.7/70

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1383.440 $\pm$ 580.593 χ^2 /NDF:32.2/17

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: -0.396 $\pm$ 586.048 χ^2 /NDF:28.1/16

Left: 697.992 $\pm$ 412.456 χ^2 /NDF: 63.1/34

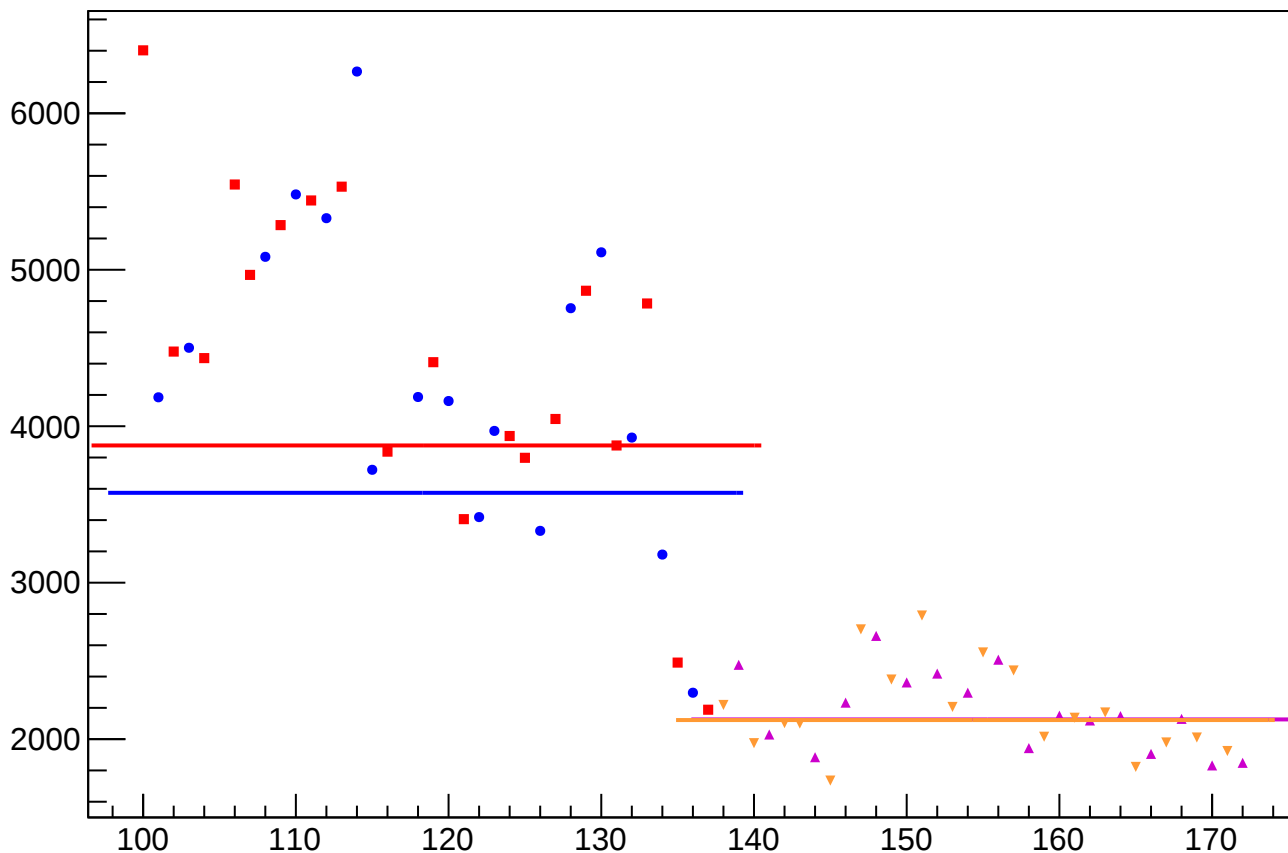
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 421.789 $\pm$ 543.009 χ^2 /NDF:49.2/33

Out: 1155.967 $\pm$ 541.794 χ^2 /NDF:48.4/36

All: 789.701 $\pm$ 383.535 χ^2 /NDF: 98.5/70

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 ± 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2122.004 ± 0.411 χ^2/NDF : 409630.0/17

Right Out: 3877.124 ± 1.066 χ^2/NDF : 990125.2/18

Left In: 2126.041 ± 0.414 χ^2/NDF : 324206.1/16

Left: 2124.004 ± 0.292 χ^2/NDF : 733883.9/34

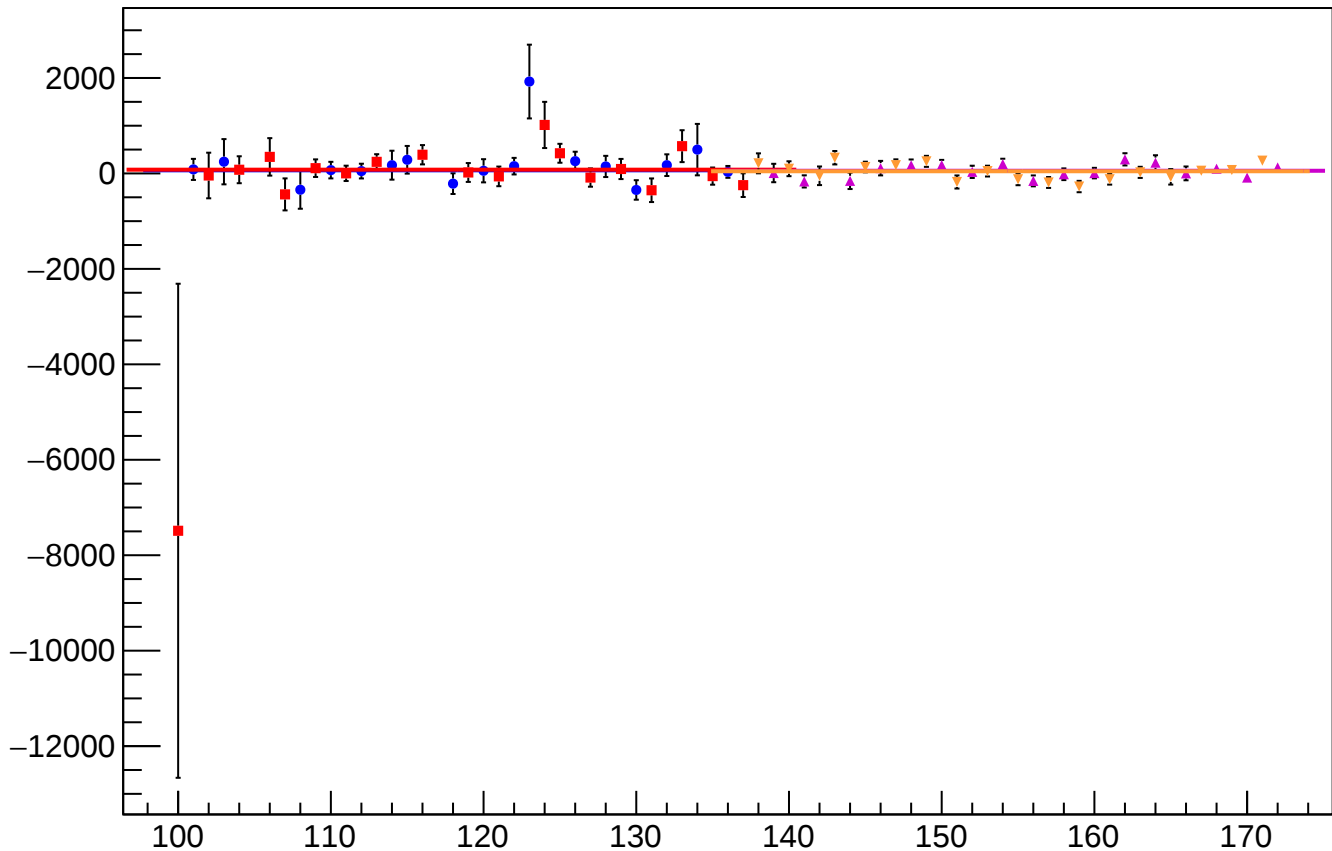
Right: 3719.204 ± 0.737 χ^2/NDF : 2123559.1/35

In: 2330.954 ± 0.384 χ^2/NDF : 3143768.5/33

Out: 2348.741 ± 0.383 χ^2/NDF : 3760856.7/36

All: 2339.867 ± 0.271 χ^2/NDF : 6905700.6/70

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 45.734+/-27.915 χ^2/NDF :35.0/17

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 55.923+/-28.665 χ^2/NDF :20.6/16

Left: 50.693+/-19.999 χ^2/NDF : 55.7/34

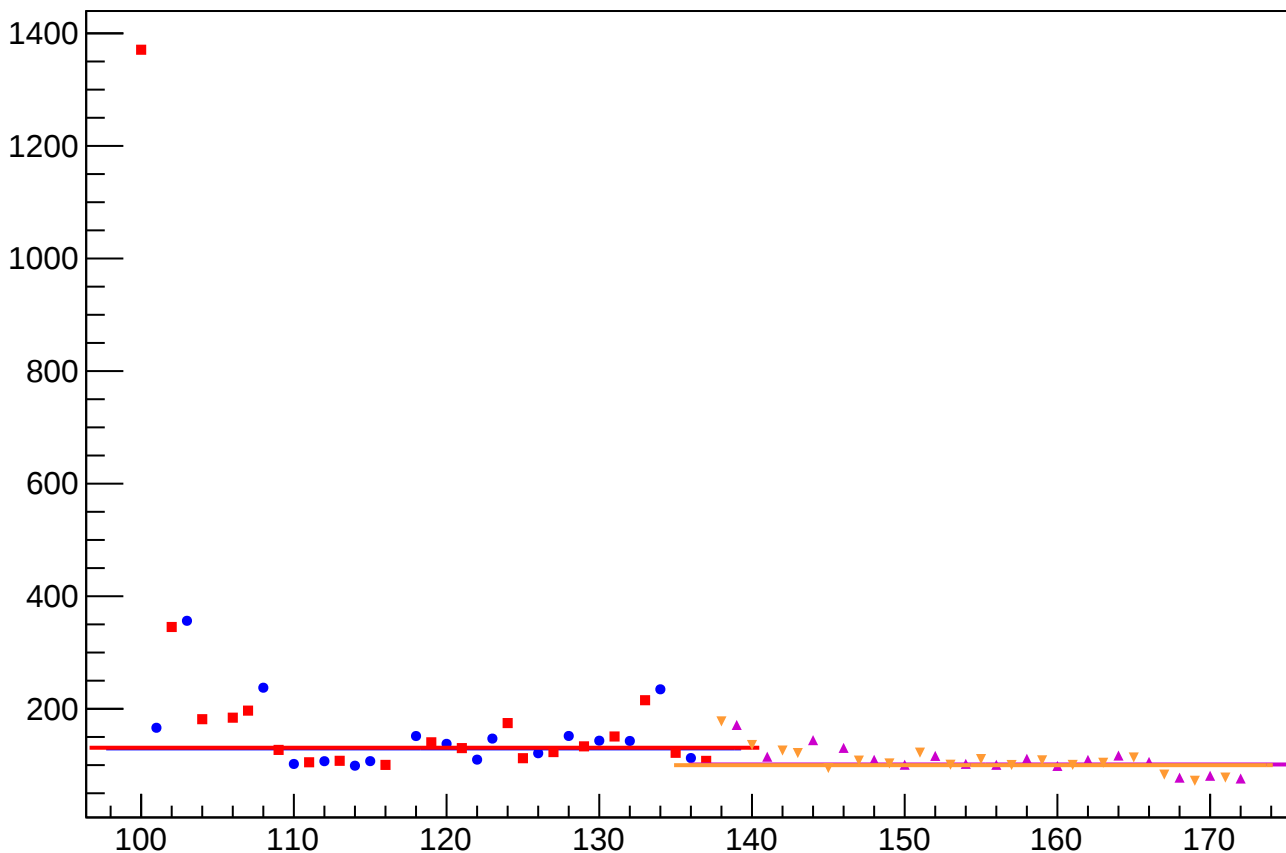
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 58.047+/-25.181 χ^2/NDF :36.3/33

Out: 53.034+/-24.631 χ^2/NDF :59.6/36

All: 55.485+/-17.608 χ^2/NDF : 96.0/70

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 99.891+/-0.020 χ^2/NDF : 989398.2/17

Right Out: 130.878+/-0.037 χ^2/NDF : 1042325.1/18

Left In: 101.135+/-0.020 χ^2/NDF : 980009.9/16

Left: 100.496+/-0.014 χ^2/NDF : 1971339.9/34

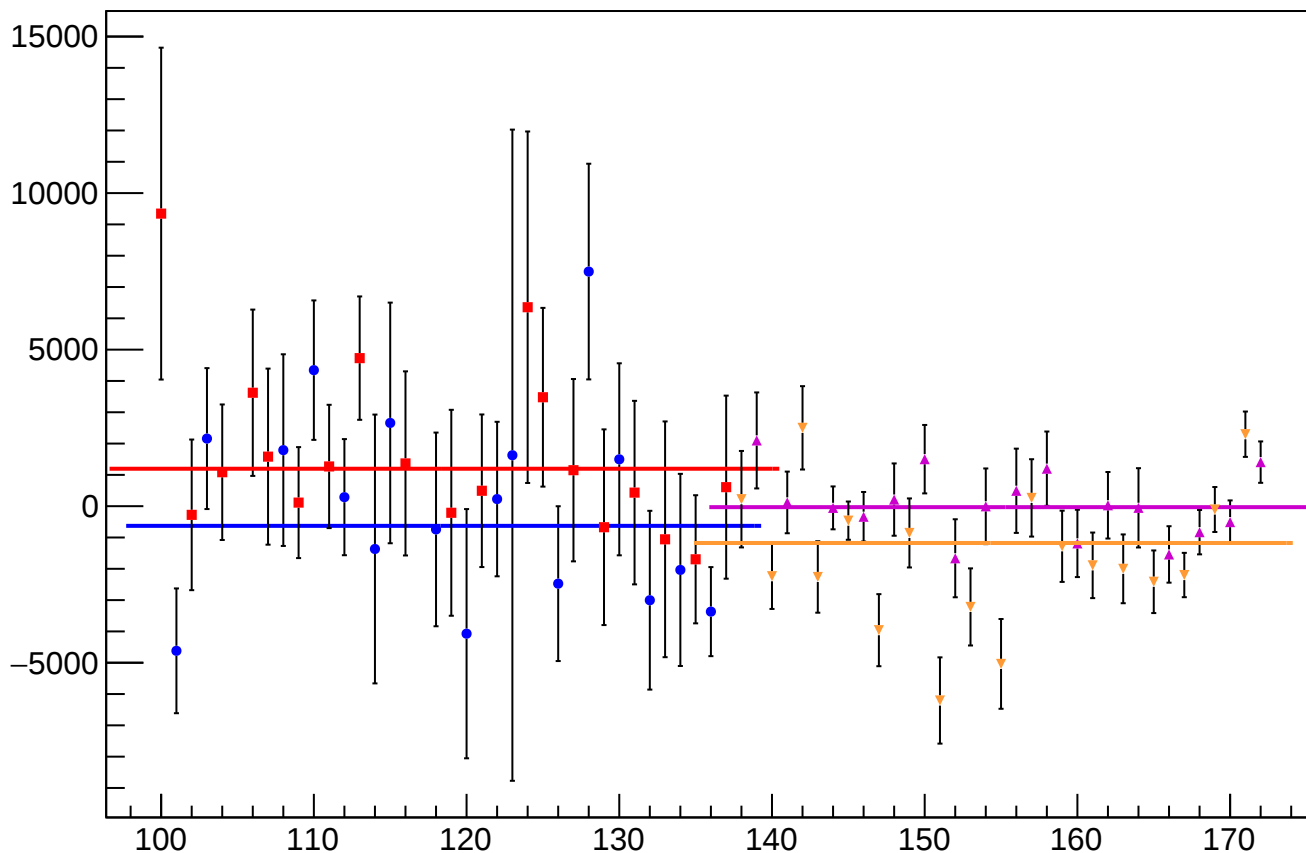
Right: 130.291+/-0.026 χ^2/NDF : 2032513.5/35

In: 107.656+/-0.018 χ^2/NDF : 2423025.4/33

Out: 106.753+/-0.017 χ^2/NDF : 2577467.2/36

All: 107.195+/-0.012 χ^2/NDF : 5001805.5/70

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1175.429+/-231.826 χ^2/NDF : 72.3/17

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: -30.902+/-227.436 χ^2/NDF : 17.5/16

Left: -592.224+/-162.351 χ^2/NDF : 102.2/34

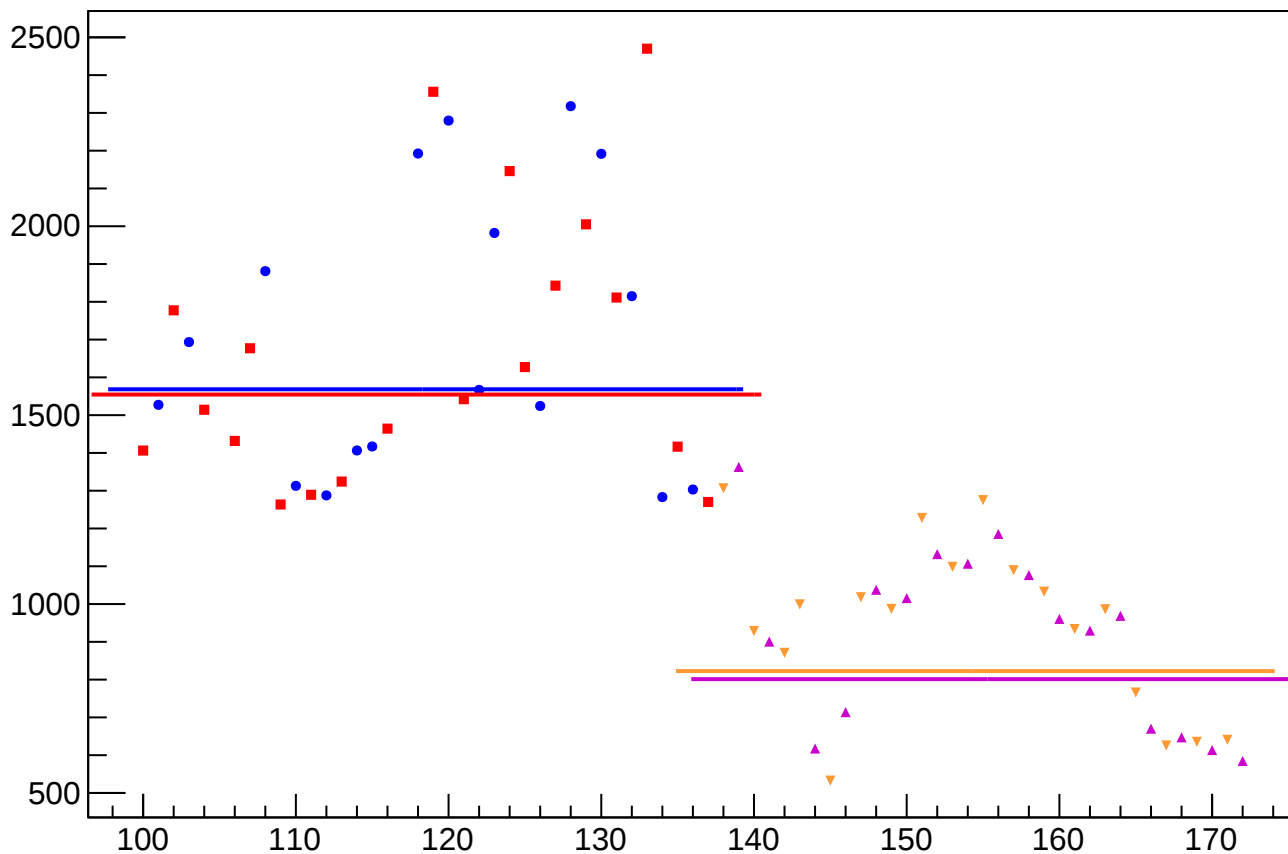
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -101.443+/-213.583 χ^2/NDF : 42.6/33

Out: -863.476+/-216.042 χ^2/NDF : 97.8/36

All: -478.098+/-151.888 χ^2/NDF : 146.7/70

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 822.643 $\pm$ 0.164 χ^2 /NDF:1945725.2/17

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 801.247 $\pm$ 0.161 χ^2 /NDF:1764320.3/16

Left: 811.741 $\pm$ 0.115 χ^2 /NDF: 3718726.7/34

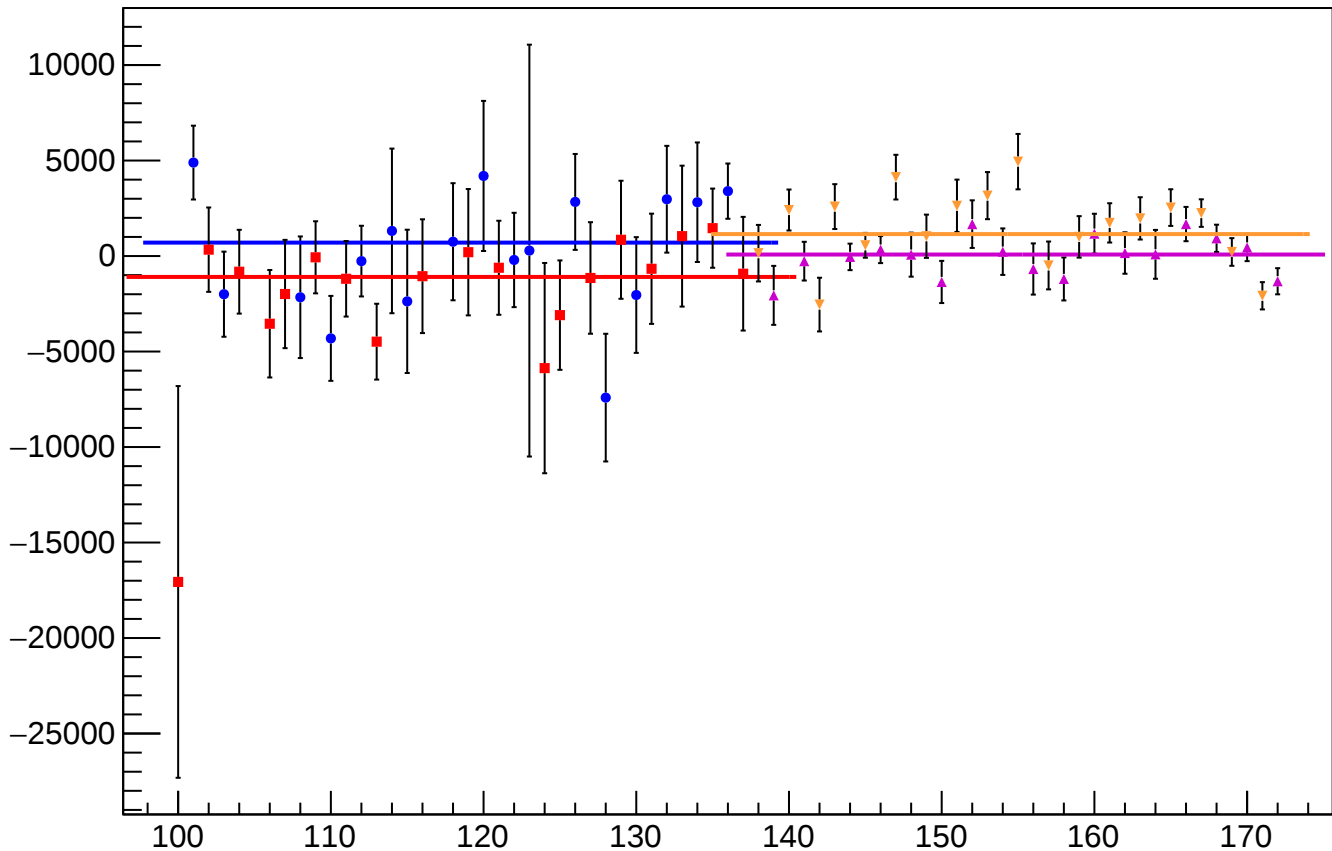
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 891.862 $\pm$ 0.151 χ^2 /NDF:4986571.9/33

Out: 918.912 $\pm$ 0.153 χ^2 /NDF:5079764.3/36

All: 905.232 $\pm$ 0.107 χ^2 /NDF: 10082193.5/70

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 1149.302 $\pm$ 234.270 χ^2/NDF : 57.4/17

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: 78.925 $\pm$ 227.158 χ^2/NDF : 17.3/16

Left: 597.620 $\pm$ 163.081 χ^2/NDF : 85.4/34

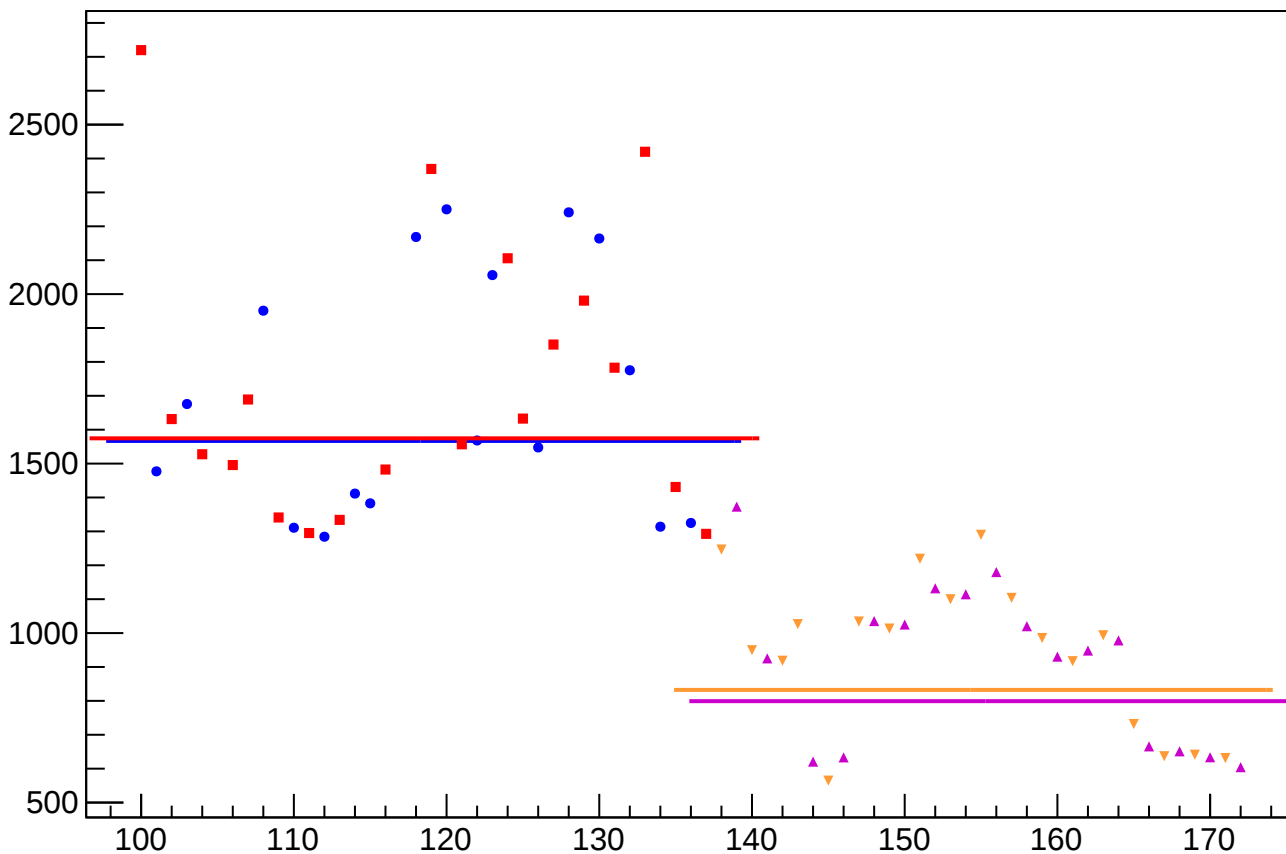
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 152.661 $\pm$ 213.318 χ^2/NDF : 44.1/33

Out: 855.299 $\pm$ 218.378 χ^2/NDF : 80.0/36

All: 495.745 $\pm$ 152.596 χ^2/NDF : 129.5/70

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 832.366 $\pm$ 0.166 χ^2 /NDF:1801892.7/17

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 799.152 $\pm$ 0.161 χ^2 /NDF:1740832.9/16

Left: 815.247 $\pm$ 0.115 χ^2 /NDF: 3563445.1/34

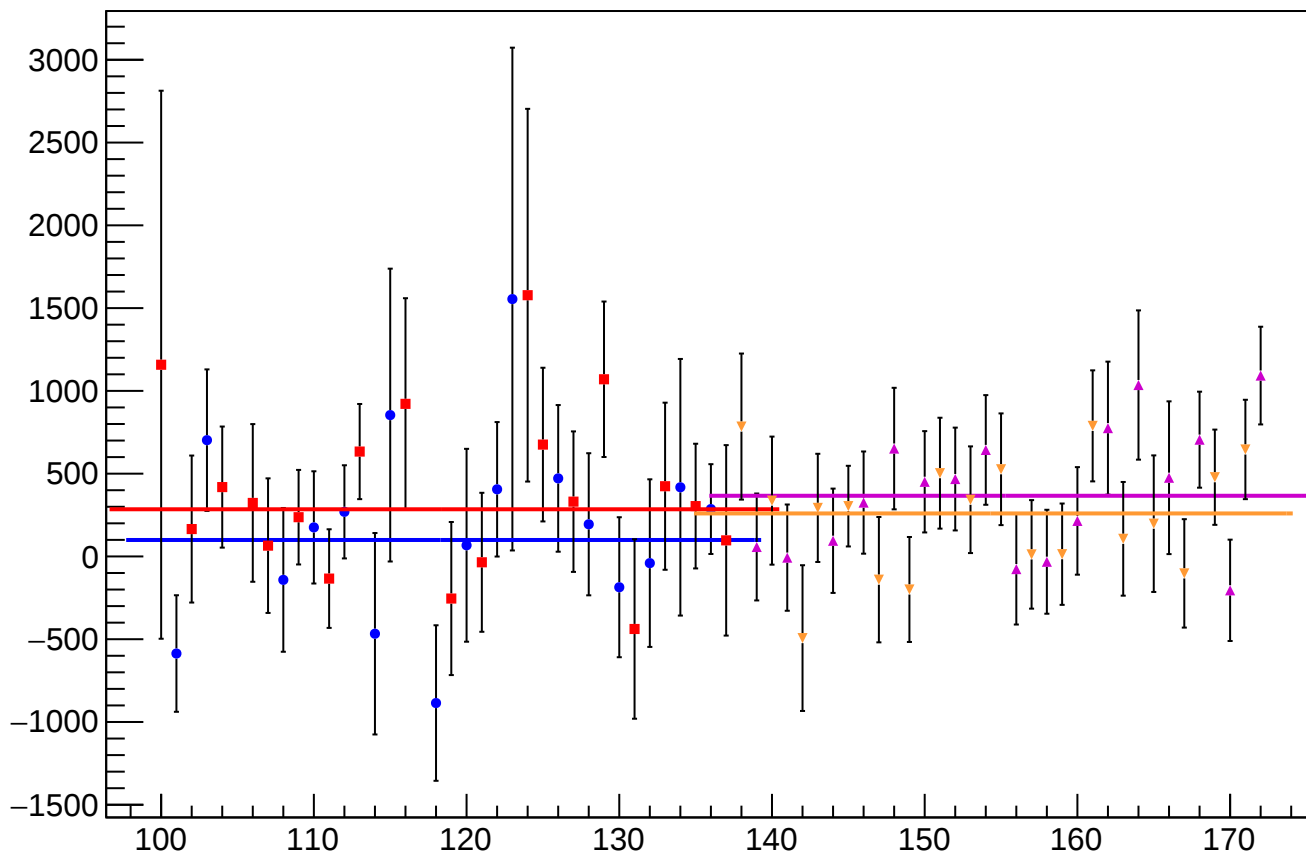
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 889.860 $\pm$ 0.151 χ^2 /NDF:4940021.1/33

Out: 929.638 $\pm$ 0.154 χ^2 /NDF:4896949.2/36

All: 909.282 $\pm$ 0.108 χ^2 /NDF: 9870927.2/70

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 ± 103.463 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 259.748 ± 78.276 $\chi^2/\text{NDF}: 16.2/17$

Right Out: 284.883 ± 97.709 $\chi^2/\text{NDF}: 14.0/18$

Left In: 366.474 ± 80.098 $\chi^2/\text{NDF}: 22.3/16$

Left: 311.884 ± 55.983 $\chi^2/\text{NDF}: 39.4/34$

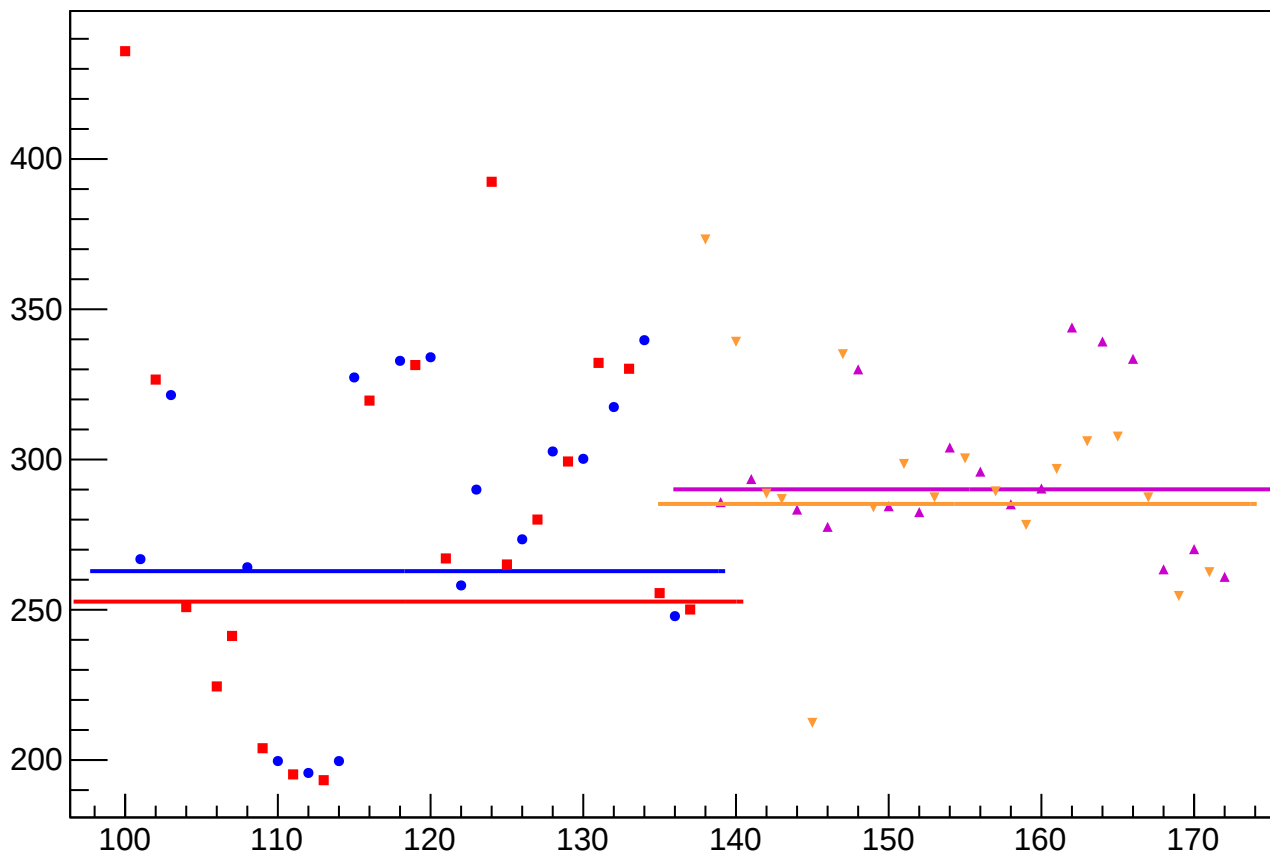
Right: 197.437 ± 71.038 $\chi^2/\text{NDF}: 31.6/35$

In: 266.386 ± 63.336 $\chi^2/\text{NDF}: 42.4/33$

Out: 269.573 ± 61.090 $\chi^2/\text{NDF}: 30.3/36$

All: 268.037 ± 43.970 $\chi^2/\text{NDF}: 72.7/70$

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 285.227 $\pm$ 0.055 χ^2/NDF : 390768.2/17

Right Out: 252.720 $\pm$ 0.069 χ^2/NDF : 539727.3/18

Left In: 290.083 $\pm$ 0.057 χ^2/NDF : 157231.7/16

Left: 287.599 $\pm$ 0.040 χ^2/NDF : 551759.6/34

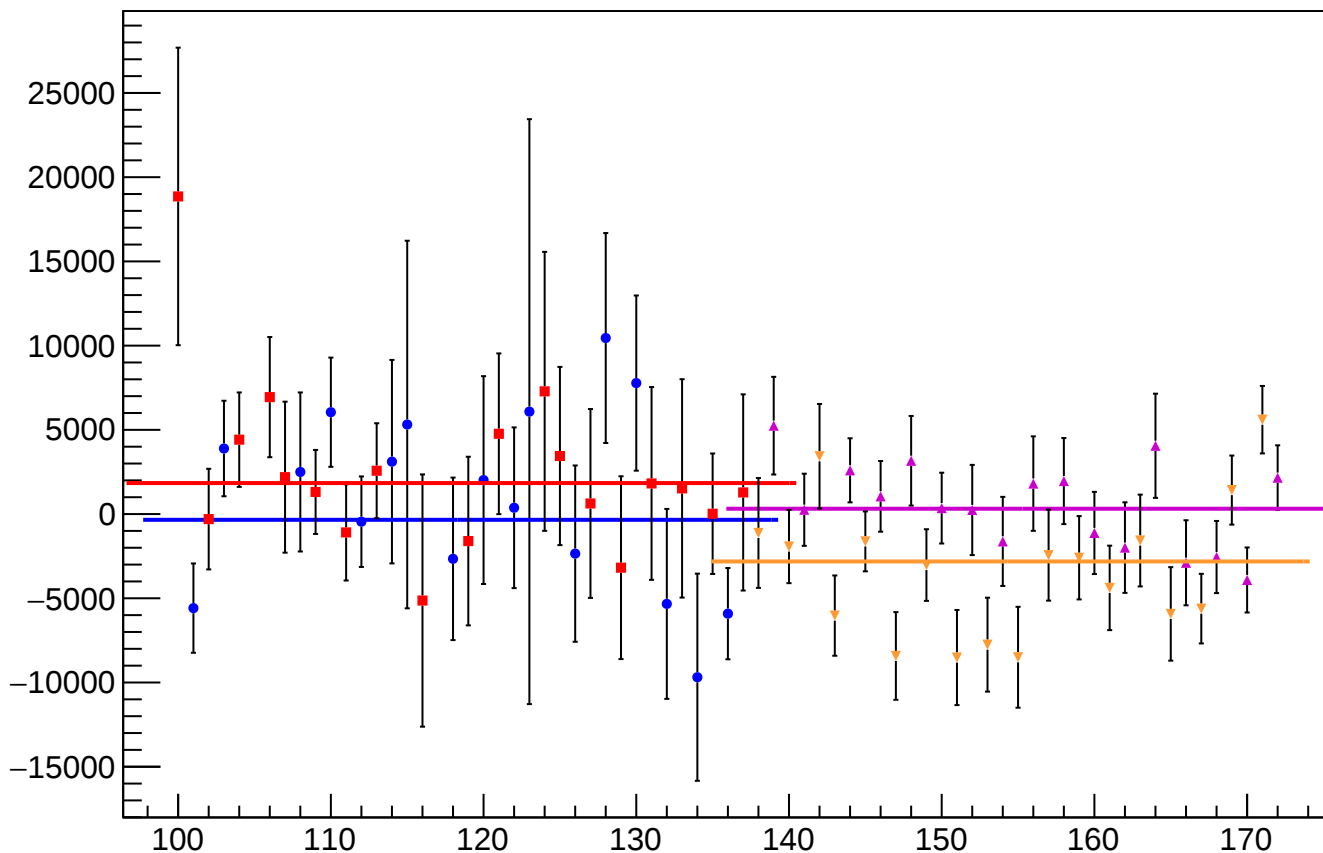
Right: 257.498 $\pm$ 0.050 χ^2/NDF : 961572.8/35

In: 279.880 $\pm$ 0.045 χ^2/NDF : 655524.5/33

Out: 272.520 $\pm$ 0.043 χ^2/NDF : 1065327.1/36

All: 276.067 $\pm$ 0.031 χ^2/NDF : 1734843.7/70

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2813.891 ± 569.727 $\chi^2/\text{NDF}: 47.9/17$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 316.455 ± 568.270 $\chi^2/\text{NDF}: 18.5/16$

Left: -1244.710 ± 402.342 $\chi^2/\text{NDF}: 81.5/34$

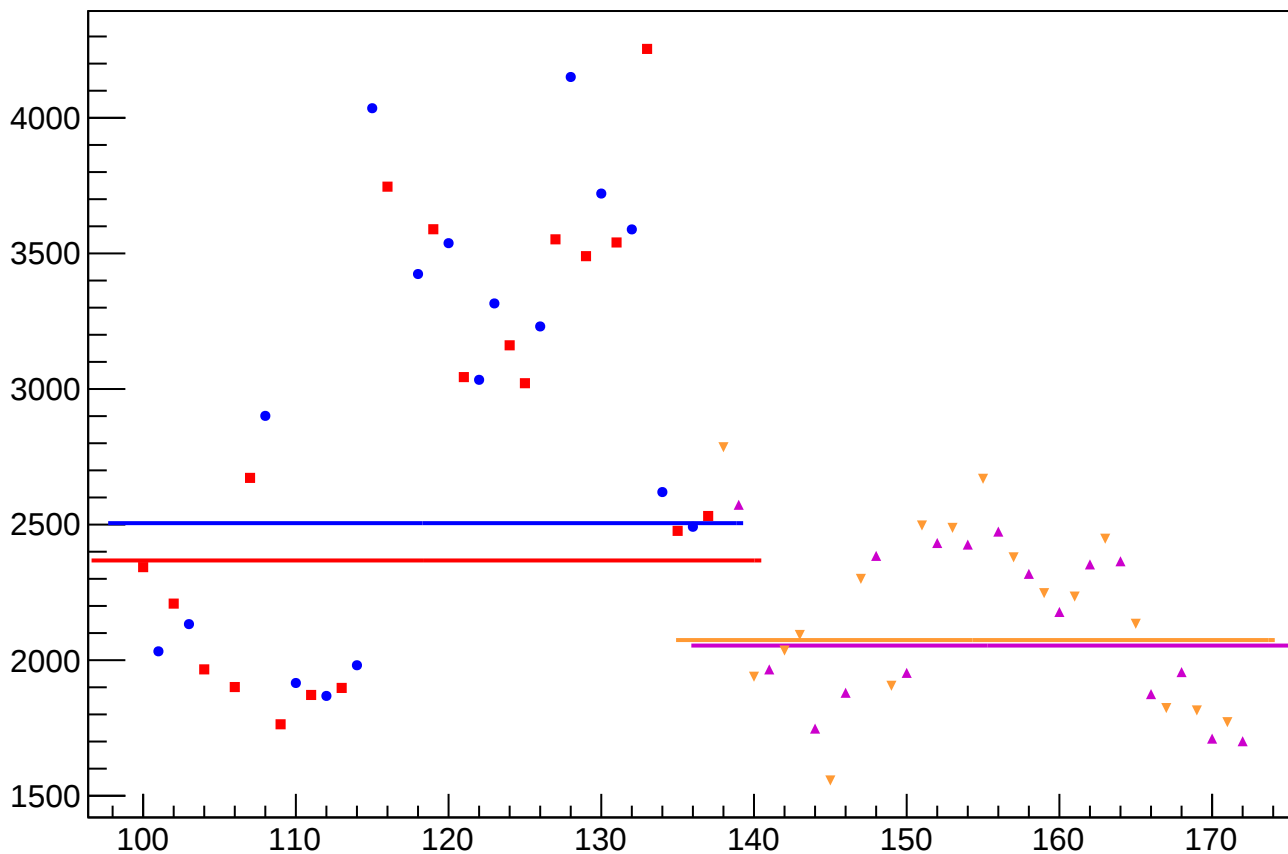
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 156.957 ± 494.624 $\chi^2/\text{NDF}: 43.3/33$

Out: -1533.278 ± 485.060 $\chi^2/\text{NDF}: 78.0/36$

All: -704.659 ± 346.321 $\chi^2/\text{NDF}: 127.2/70$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2074.209+/-0.403 χ^2/NDF : 657171.1/17

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2053.911+/-0.402 χ^2/NDF : 509523.5/16

Left: 2064.034+/-0.284 χ^2/NDF : 1167967.3/34

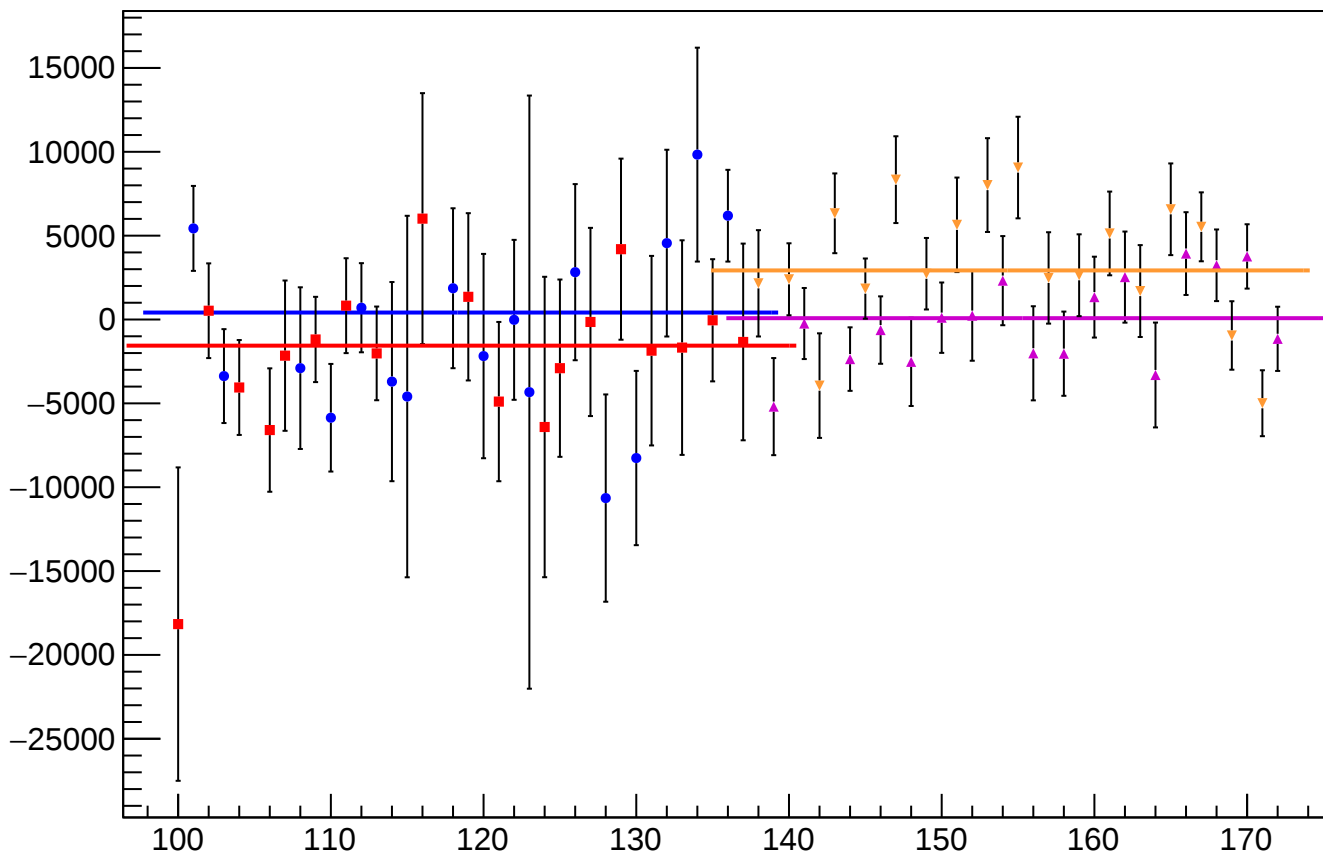
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2163.335+/-0.350 χ^2/NDF : 1679580.0/33

Out: 2154.967+/-0.343 χ^2/NDF : 1834123.0/36

All: 2159.069+/-0.245 χ^2/NDF : 3513994.8/70

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2/NDF : 24.5/16

Left Out: 2927.045 $\pm$ 567.582 χ^2/NDF : 44.4/17

Right Out: -1558.787 $\pm$ 924.438 χ^2/NDF : 10.7/18

Left In: 79.444 $\pm$ 564.051 χ^2/NDF : 19.1/16

Left: 1494.359 $\pm$ 400.087 χ^2/NDF : 76.1/34

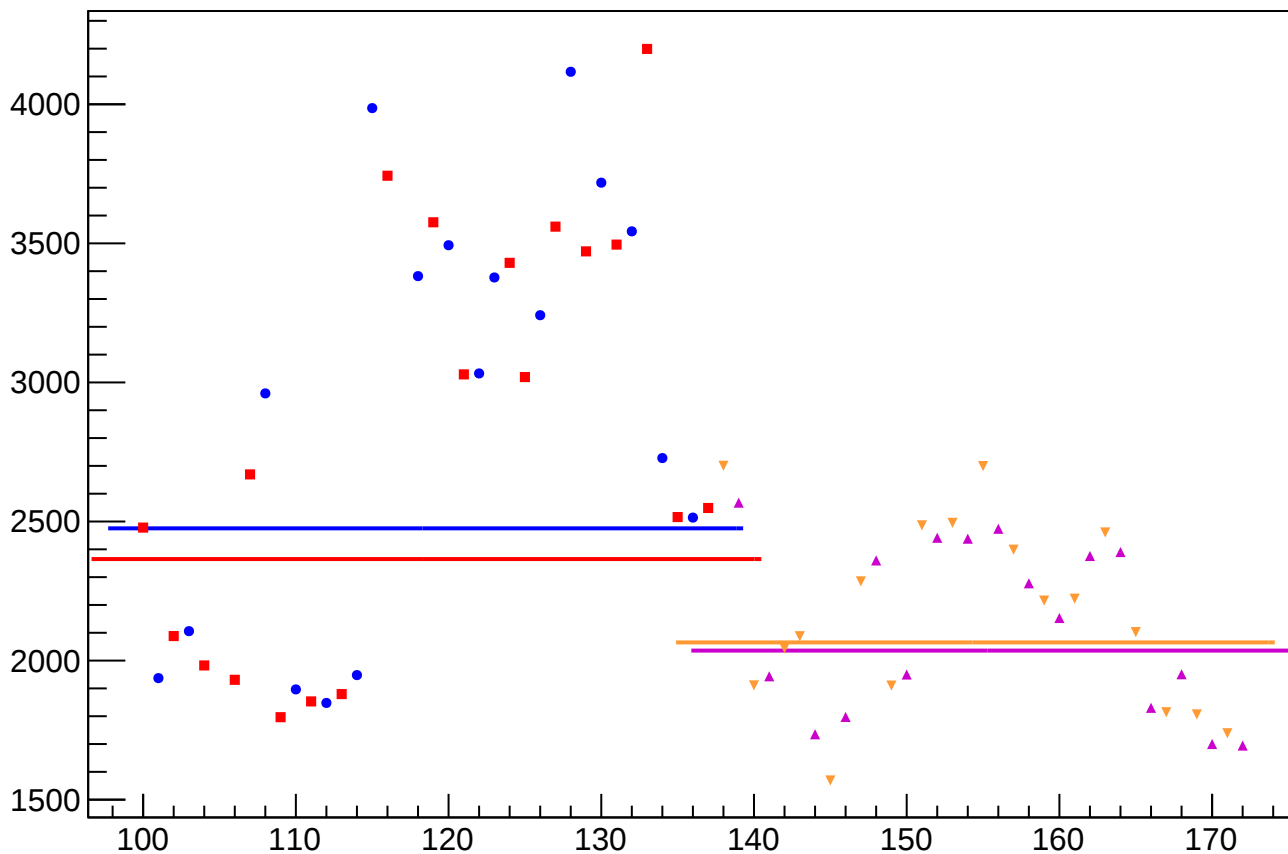
Right: -644.015 $\pm$ 677.222 χ^2/NDF : 37.3/35

In: 161.197 $\pm$ 490.680 χ^2/NDF : 43.6/33

Out: 1698.980 $\pm$ 483.690 χ^2/NDF : 72.2/36

All: 941.120 $\pm$ 344.465 χ^2/NDF : 120.8/70

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2065.392 $\pm$ 0.401 χ^2 /NDF: 652806.6/17

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2035.957 $\pm$ 0.399 χ^2 /NDF: 546058.4/16

Left: 2050.583 $\pm$ 0.283 χ^2 /NDF: 1201571.2/34

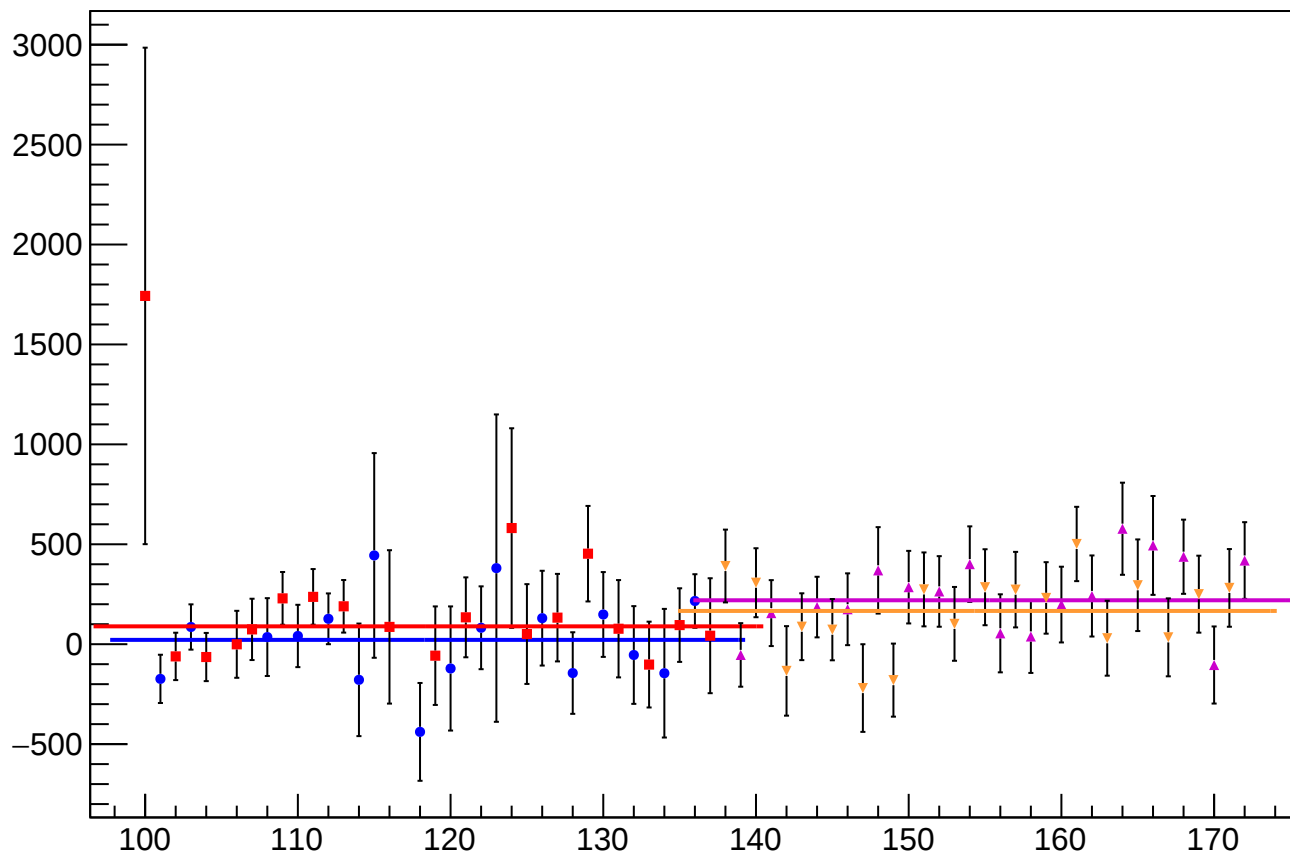
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2142.854 $\pm$ 0.347 χ^2 /NDF: 1754452.3/33

Out: 2147.421 $\pm$ 0.342 χ^2 /NDF: 1832569.9/36

All: 2145.170 $\pm$ 0.244 χ^2 /NDF: 3587110.1/70

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 166.413 $\pm$ 44.094 χ^2/NDF : 17.7/17

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 219.795 $\pm$ 45.211 χ^2/NDF : 15.5/16

Left: 192.437 $\pm$ 31.567 χ^2/NDF : 33.8/34

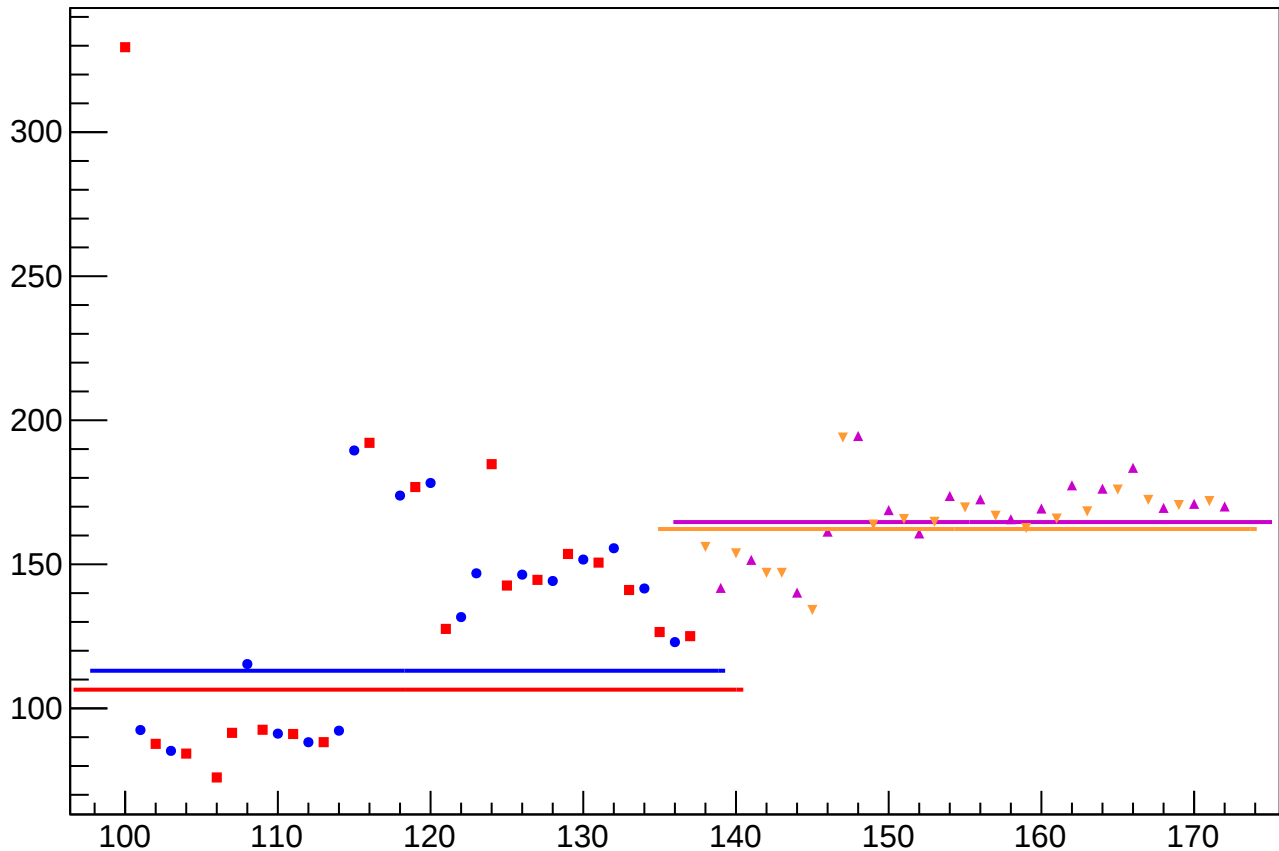
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 120.603 $\pm$ 31.950 χ^2/NDF : 37.7/33

Out: 125.808 $\pm$ 30.337 χ^2/NDF : 32.0/36

All: 123.340 $\pm$ 21.999 χ^2/NDF : 69.7/70

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 162.251+/-0.031 χ^2/NDF : 171625.7/17

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 164.668+/-0.032 χ^2/NDF : 185833.1/16

Left: 163.429+/-0.022 χ^2/NDF : 360390.1/34

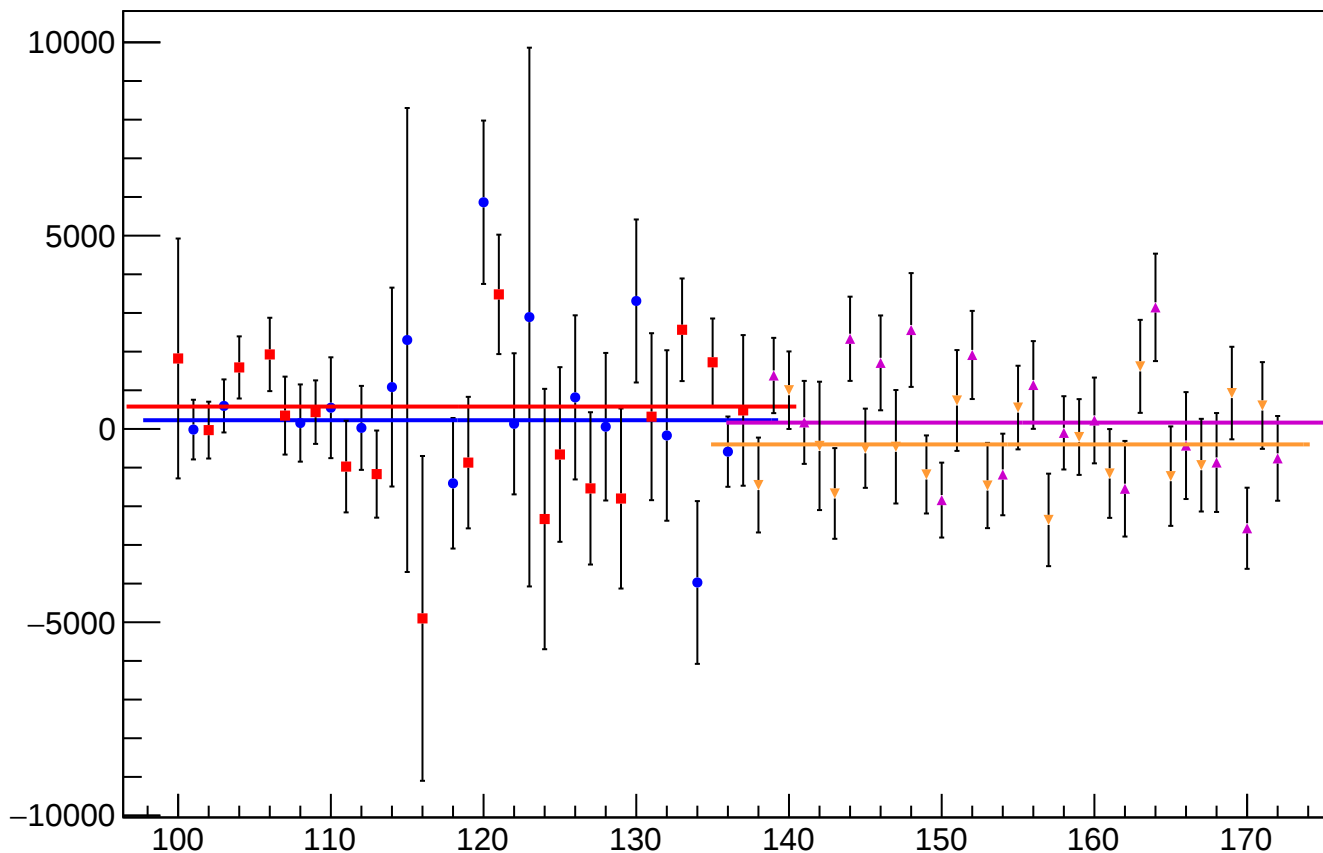
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 138.832+/-0.023 χ^2/NDF : 2311272.9/33

Out: 132.885+/-0.021 χ^2/NDF : 2872084.6/36

All: 135.705+/-0.016 χ^2/NDF : 5219800.2/70

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -399.835 $\pm$ 273.234 χ^2/NDF : 15.5/17

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 163.634 $\pm$ 273.444 χ^2/NDF : 33.7/16

Left: -118.316 $\pm$ 193.280 χ^2/NDF : 51.3/34

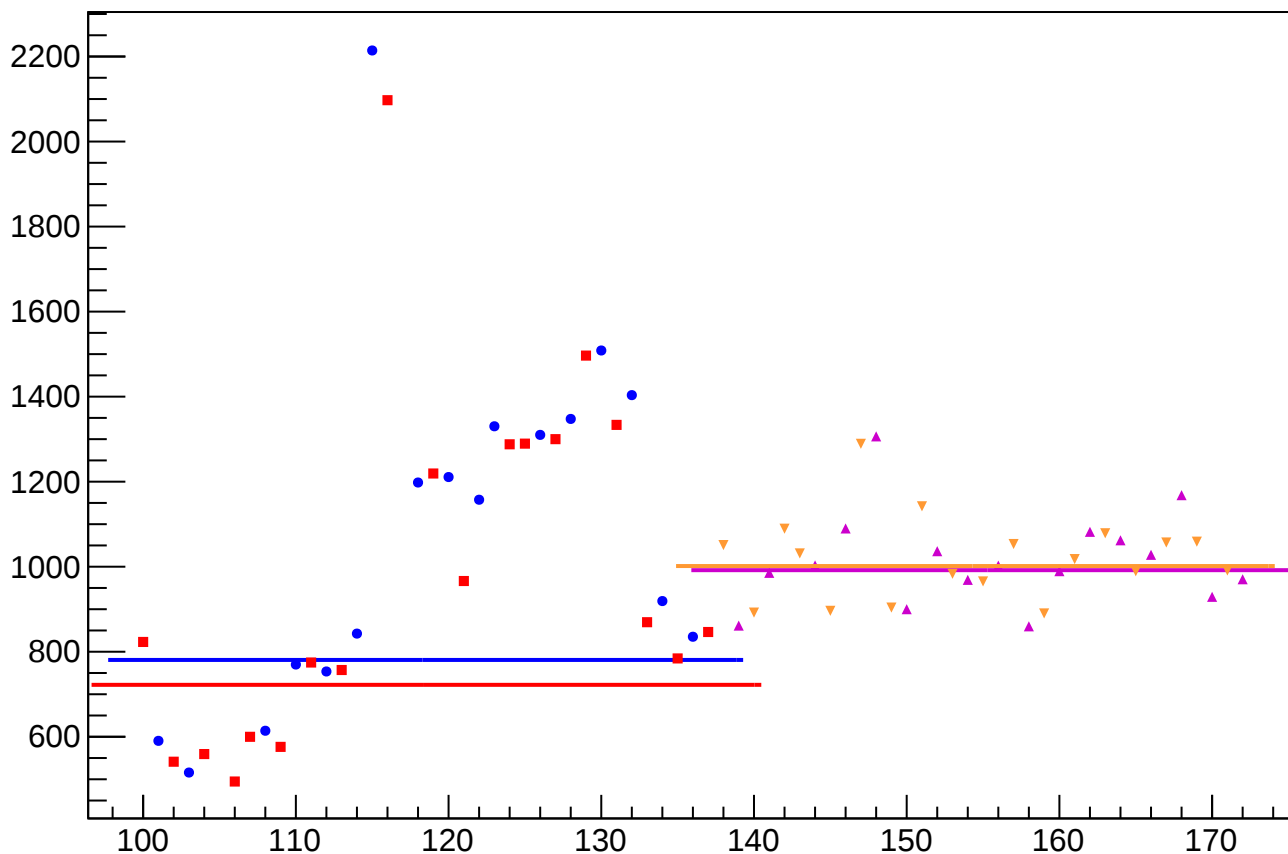
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 189.667 $\pm$ 208.270 χ^2/NDF : 49.7/33

Out: 61.768 $\pm$ 198.621 χ^2/NDF : 42.7/36

All: 122.687 $\pm$ 143.736 χ^2/NDF : 92.6/70

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1001.559 $\pm$ 0.193 χ^2 /NDF:224028.3/17

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 991.842 $\pm$ 0.193 χ^2 /NDF:264405.2/16

Left: 996.704 $\pm$ 0.137 χ^2 /NDF: 489697.5/34

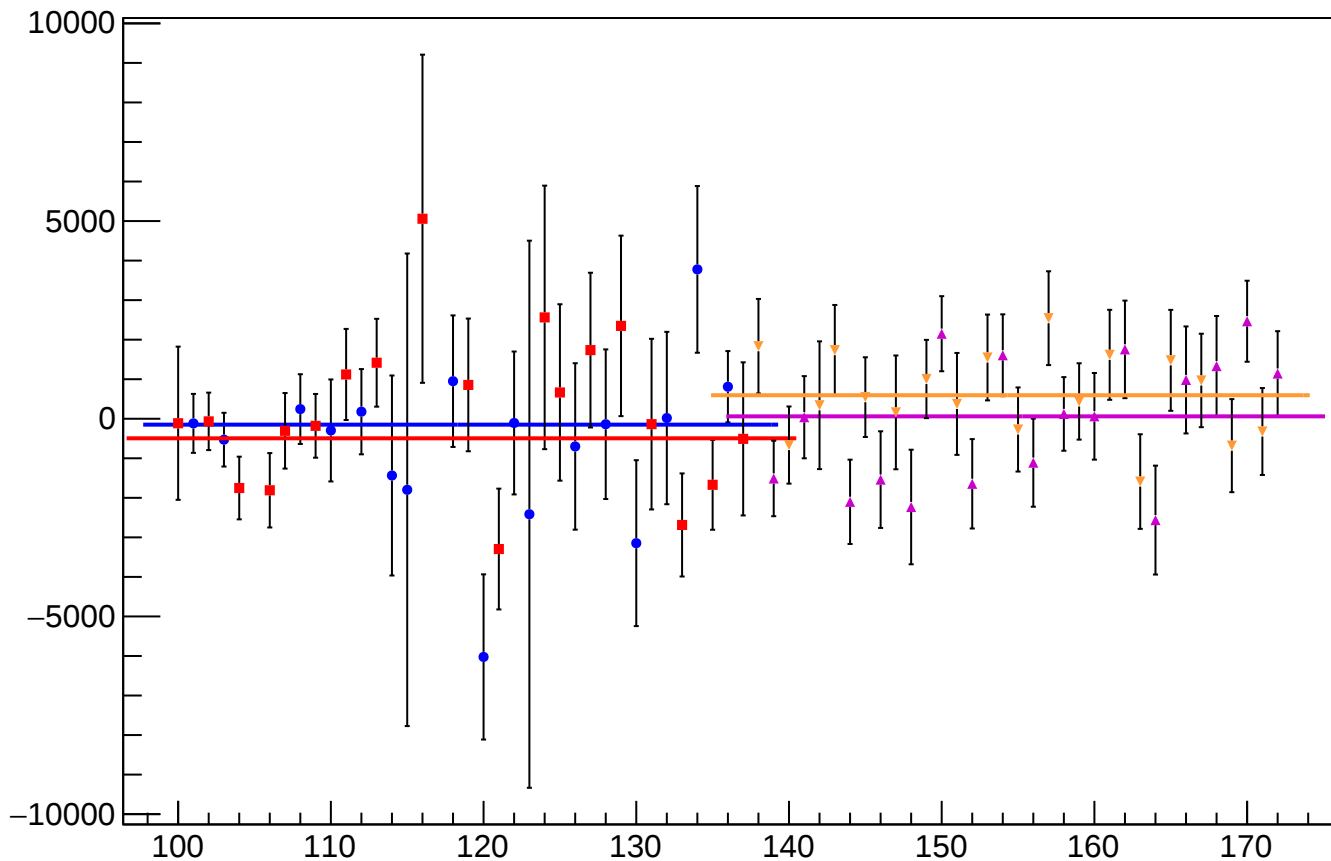
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 903.187 $\pm$ 0.147 χ^2 /NDF:2374606.2/33

Out: 869.796 $\pm$ 0.140 χ^2 /NDF:2839067.5/36

All: 885.700 $\pm$ 0.102 χ^2 /NDF: 5240596.8/70

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 $\pm$ 312.963 χ^2 /NDF: 16.1/16

Left Out: 595.010 $\pm$ 268.672 χ^2 /NDF:14.8/17

Right Out: -494.856 $\pm$ 282.721 χ^2 /NDF: 23.7/18

Left In: 60.748 $\pm$ 268.783 χ^2 /NDF:35.0/16

Left: 327.989 $\pm$ 190.019 χ^2 /NDF: 51.8/34

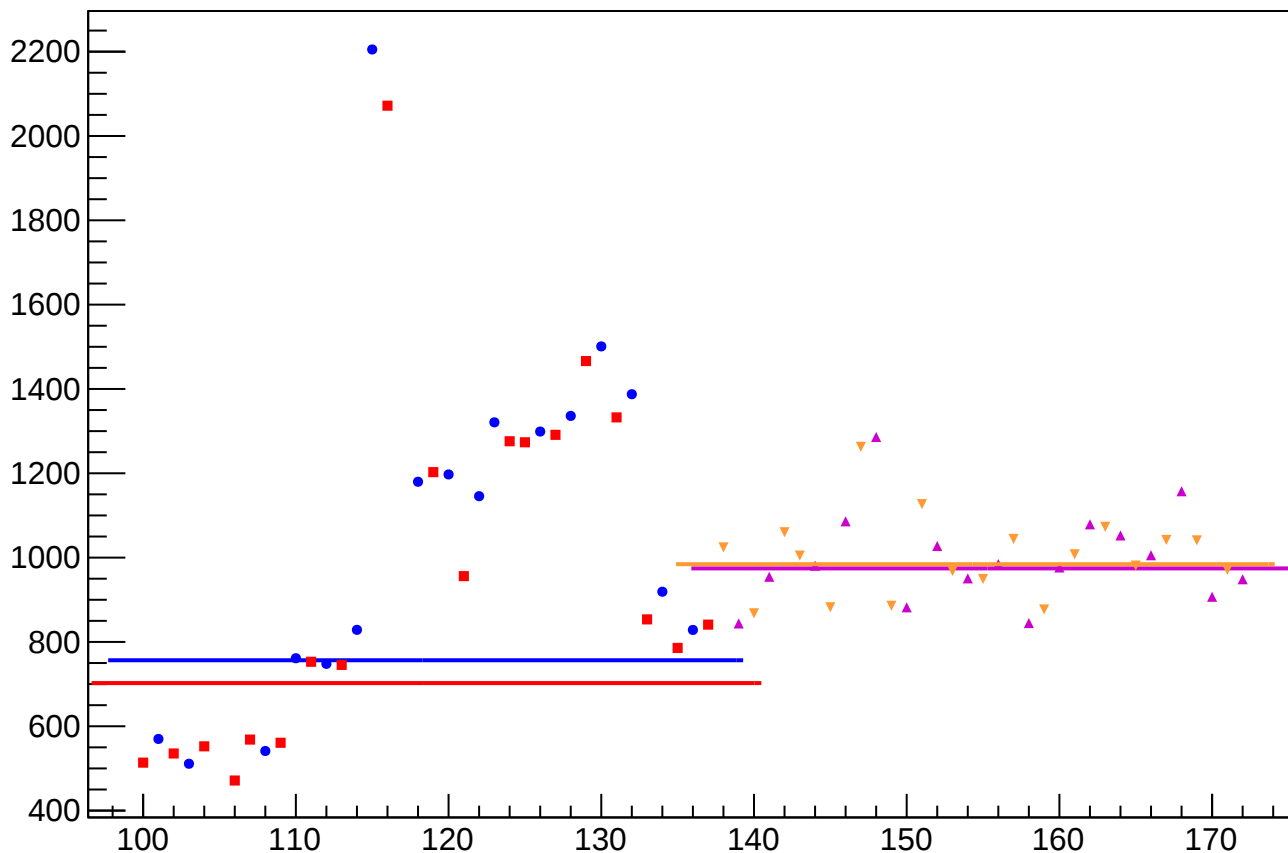
Right: -339.515 $\pm$ 209.793 χ^2 /NDF: 40.5/35

In: -28.357 $\pm$ 203.905 χ^2 /NDF:51.4/33

Out: 77.828 $\pm$ 194.757 χ^2 /NDF:46.3/36

All: 27.171 $\pm$ 140.837 χ^2 /NDF: 97.8/70

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 984.435 $\pm$ 0.190 χ^2/NDF : 229445.5/17

Right Out: 702.444 $\pm$ 0.200 χ^2/NDF : 1689393.5/18

Left In: 974.373 $\pm$ 0.190 χ^2/NDF : 284038.0/16

Left: 979.406 $\pm$ 0.134 χ^2/NDF : 514885.5/34

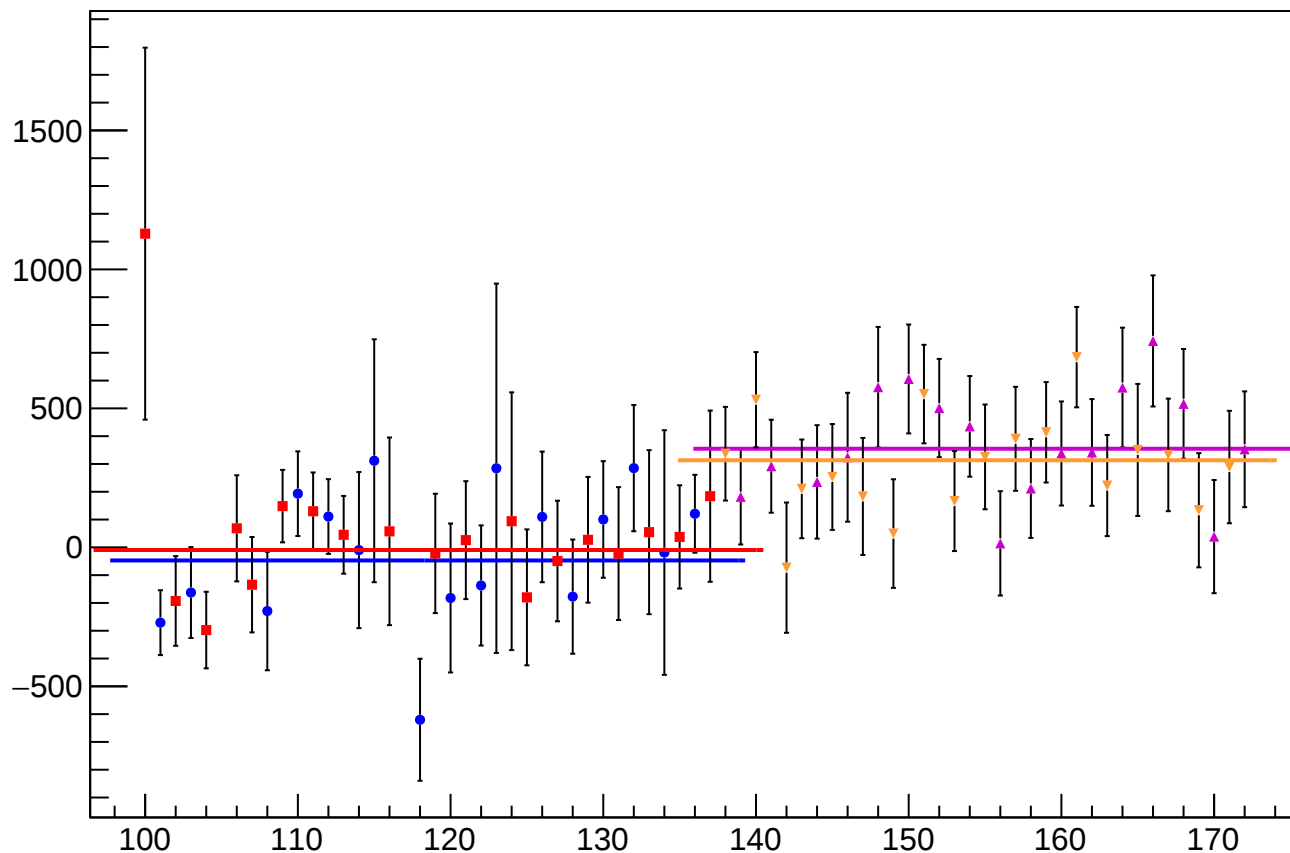
Right: 726.752 $\pm$ 0.148 χ^2/NDF : 3435937.4/35

In: 881.904 $\pm$ 0.144 χ^2/NDF : 2555312.7/33

Out: 850.620 $\pm$ 0.138 χ^2/NDF : 2964347.7/36

All: 865.545 $\pm$ 0.100 χ^2/NDF : 5544279.8/70

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 313.377 ± 44.862 χ^2/NDF : 15.2/17

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 354.773 ± 47.131 χ^2/NDF : 15.9/16

Left: 333.055 ± 32.495 χ^2/NDF : 31.5/34

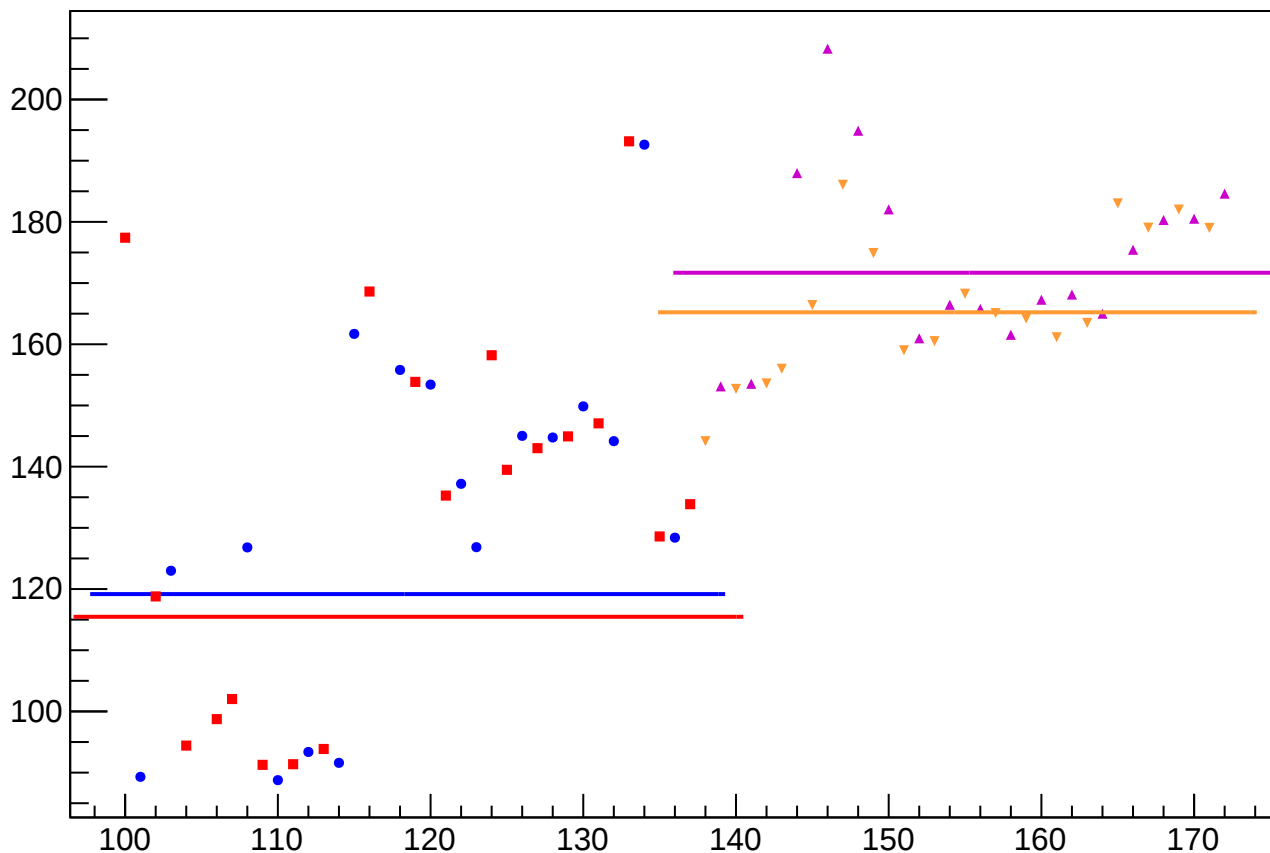
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 154.396 ± 33.375 χ^2/NDF : 74.0/33

Out: 151.528 ± 31.682 χ^2/NDF : 54.2/36

All: 152.888 ± 22.978 χ^2/NDF : 128.3/70

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.225+/-0.032 χ^2/NDF :125674.8/17

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 171.688+/-0.033 χ^2/NDF :175084.9/16

Left: 168.297+/-0.023 χ^2/NDF : 320494.5/34

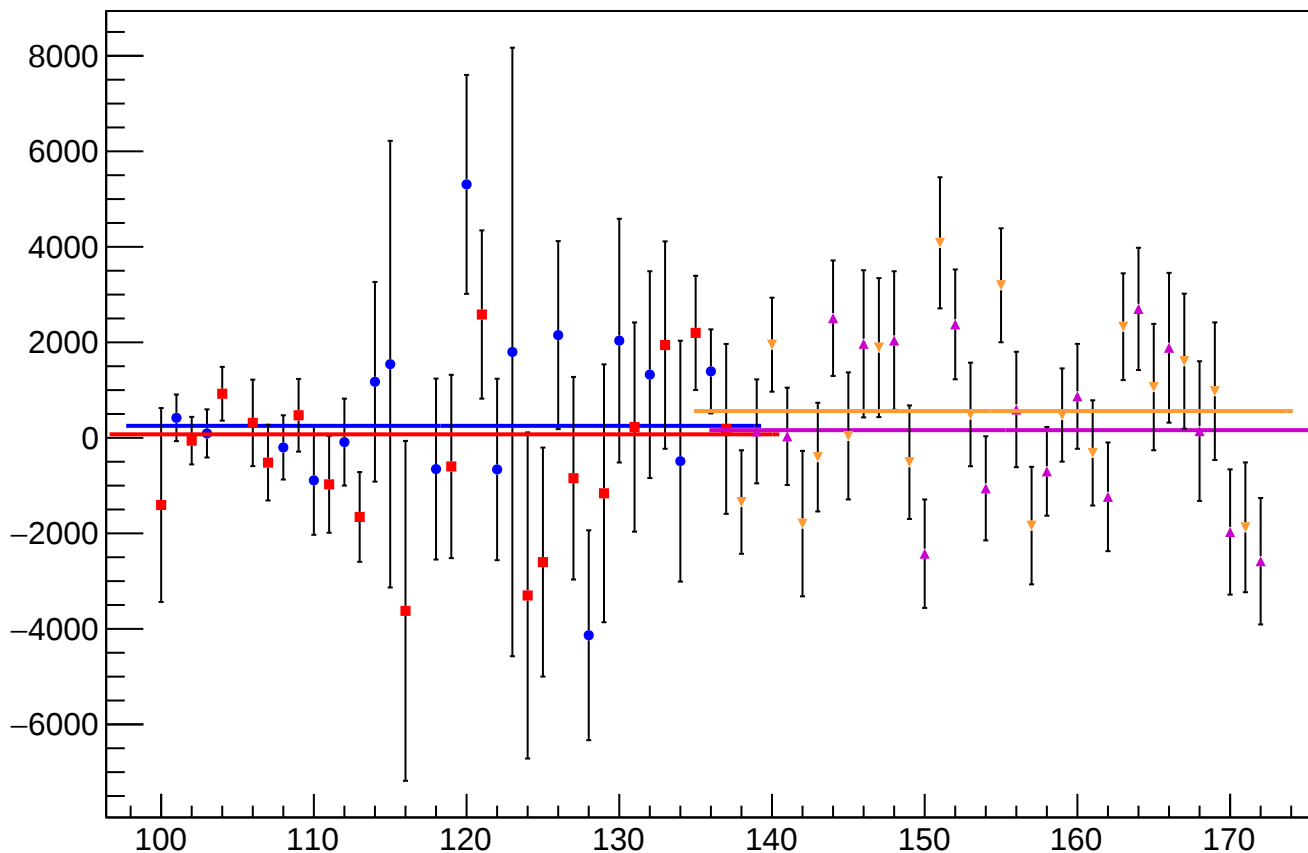
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 145.509+/-0.024 χ^2/NDF :2028216.6/33

Out: 140.283+/-0.022 χ^2/NDF :2051798.2/36

All: 142.760+/-0.016 χ^2/NDF : 4105808.1/70

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 561.255+/-284.636 χ^2/NDF : 32.4/17

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 161.051+/-290.635 χ^2/NDF : 32.0/16

Left: 365.326+/-203.356 χ^2/NDF : 65.3/34

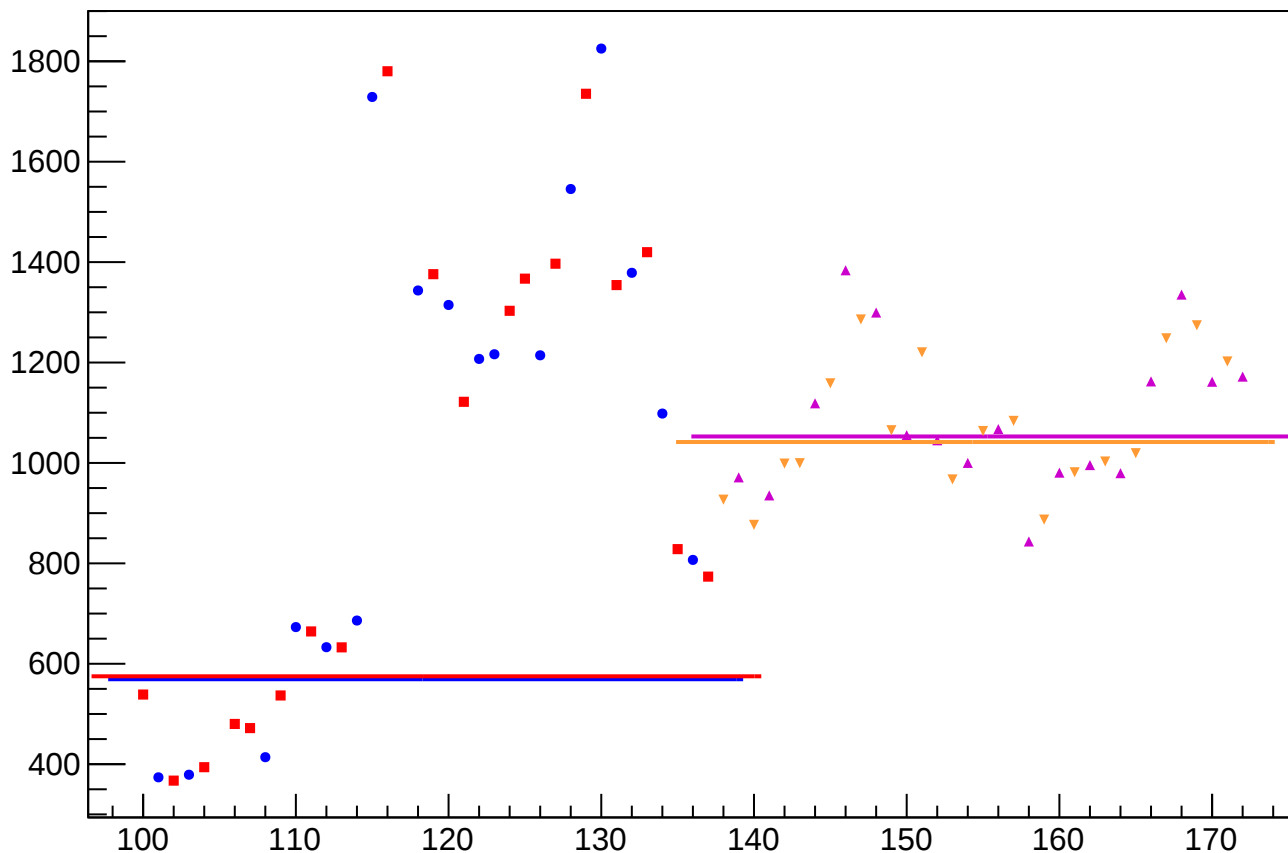
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 212.671+/-190.749 χ^2/NDF : 46.9/33

Out: 280.433+/-185.236 χ^2/NDF : 52.1/36

All: 247.545+/-132.888 χ^2/NDF : 99.0/70

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1041.668 $\pm$ 0.201 χ^2 /NDF:383542.3/17

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1052.744 $\pm$ 0.206 χ^2 /NDF:434870.8/16

Left: 1047.091 $\pm$ 0.144 χ^2 /NDF: 819895.9/34

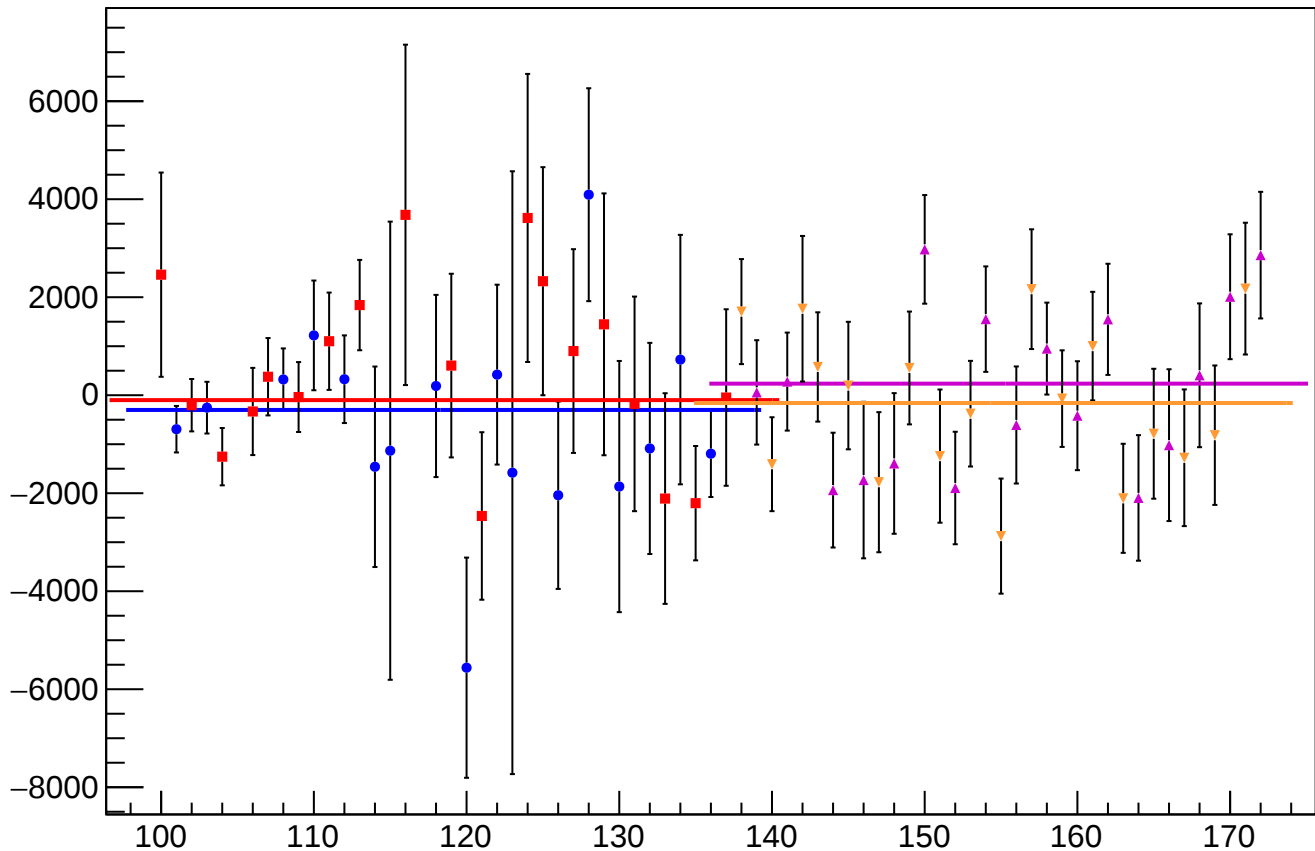
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 777.487 $\pm$ 0.135 χ^2 /NDF:6853355.5/33

Out: 772.671 $\pm$ 0.131 χ^2 /NDF:6541005.4/36

All: 775.008 $\pm$ 0.094 χ^2 /NDF: 13395017.0/70

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -158.948 ± 281.375 $\chi^2/\text{NDF}: 26.5/17$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: 236.230 ± 288.045 $\chi^2/\text{NDF}: 30.1/16$

Left: 34.013 ± 201.279 $\chi^2/\text{NDF}: 57.6/34$

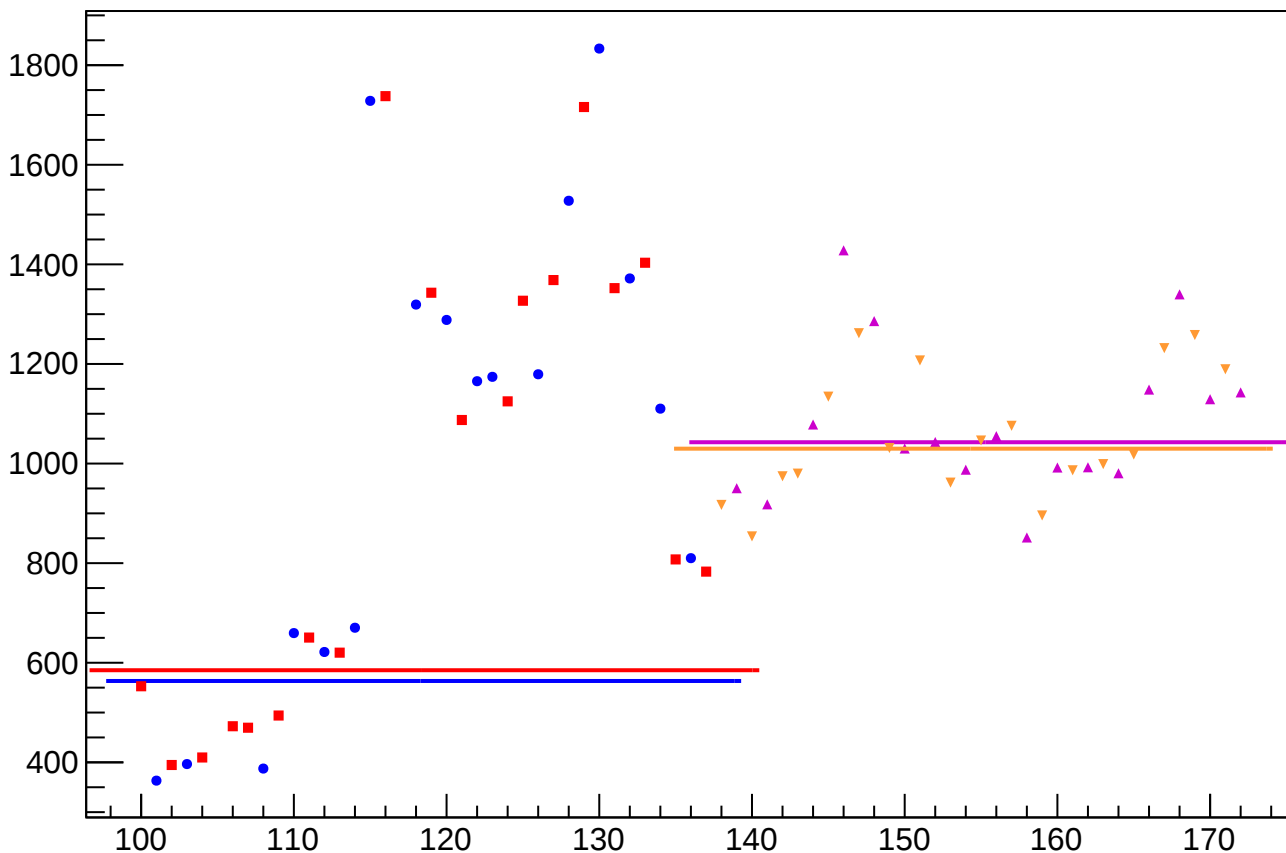
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -69.667 ± 188.935 $\chi^2/\text{NDF}: 48.8/33$

Out: -125.503 ± 185.184 $\chi^2/\text{NDF}: 48.9/36$

All: -98.145 ± 132.251 $\chi^2/\text{NDF}: 97.8/70$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1029.887 ± 0.199 $\chi^2/\text{NDF}: 370618.8/17$

Right Out: 584.984 ± 0.174 $\chi^2/\text{NDF}: 2818628.0/18$

Left In: 1042.824 ± 0.204 $\chi^2/\text{NDF}: 435957.4/16$

Left: 1036.204 ± 0.142 $\chi^2/\text{NDF}: 808640.5/34$

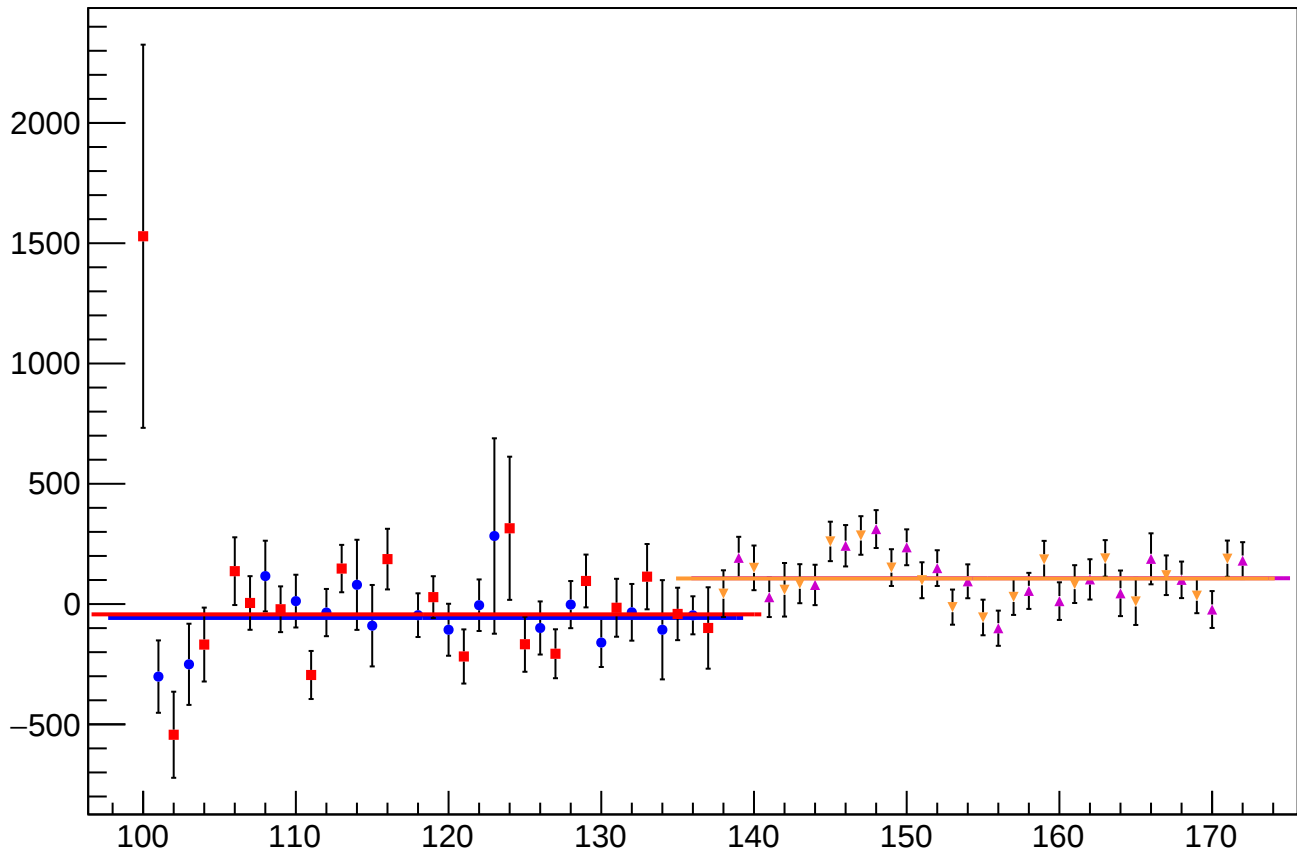
Right: 574.377 ± 0.124 $\chi^2/\text{NDF}: 6085244.2/35$

In: 769.661 ± 0.134 $\chi^2/\text{NDF}: 6851878.5/33$

Out: 777.691 ± 0.131 $\chi^2/\text{NDF}: 6023655.8/36$

All: 773.757 ± 0.094 $\chi^2/\text{NDF}: 12877376.7/70$

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 106.348 $\pm$ 18.976 χ^2/NDF :23.8/17

Right Out: -42.790 $\pm$ 27.694 χ^2/NDF : 39.1/18

Left In: 107.390 $\pm$ 19.375 χ^2/NDF :29.4/16

Left: 106.858 $\pm$ 13.557 χ^2/NDF : 53.1/34

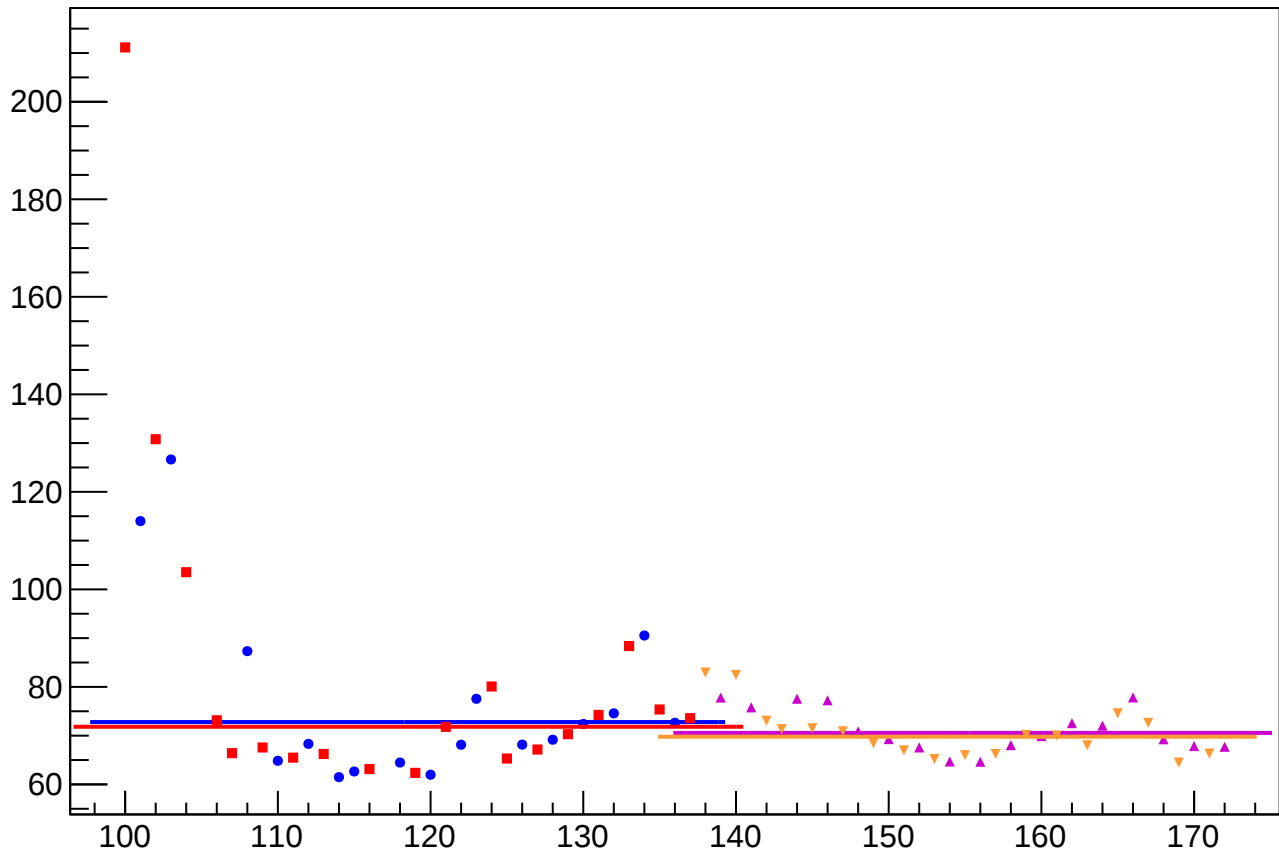
Right: -49.985 $\pm$ 19.927 χ^2/NDF : 48.4/35

In: 55.687 $\pm$ 16.057 χ^2/NDF :61.2/33

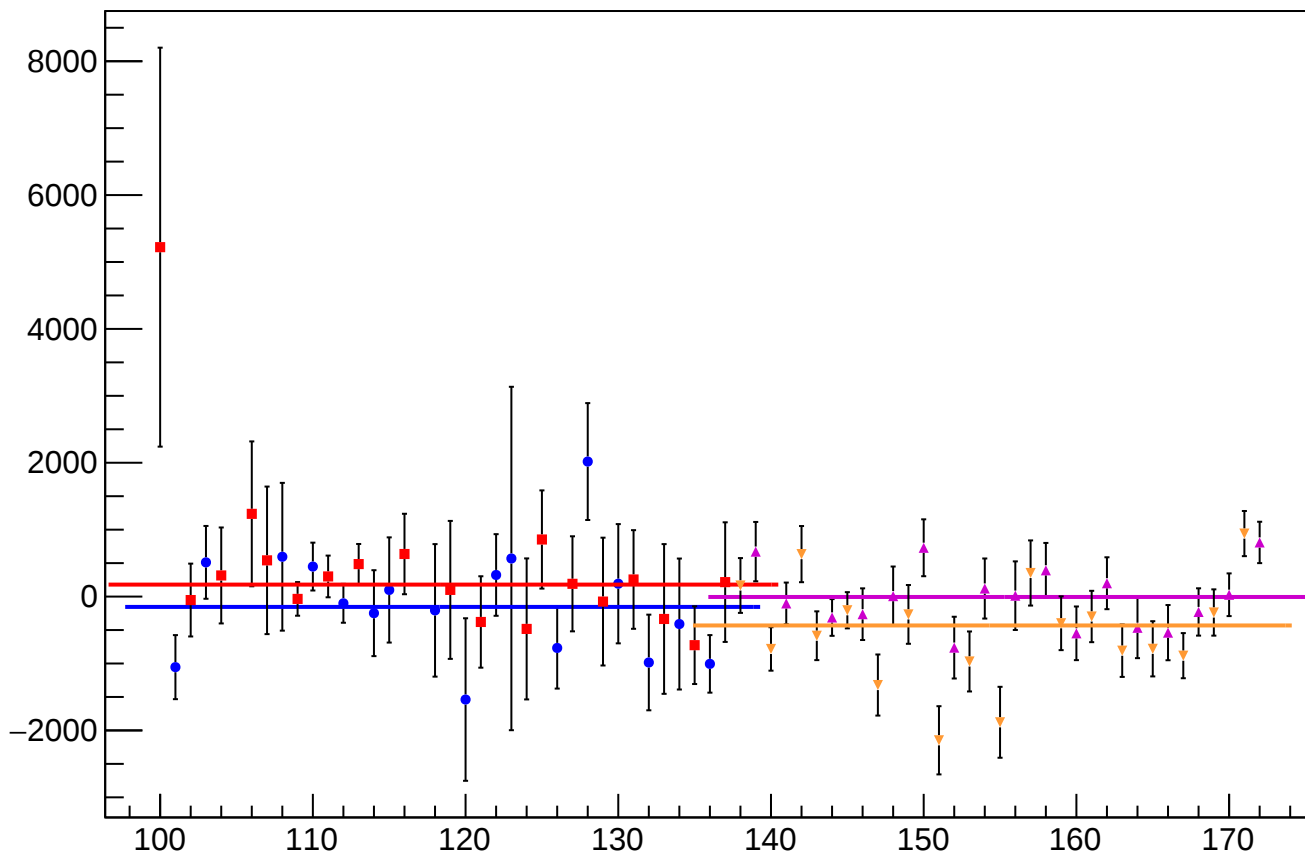
Out: 58.700 $\pm$ 15.654 χ^2/NDF :82.6/36

All: 57.232 $\pm$ 11.209 χ^2/NDF : 143.8/70

dit_asym_sam7_rms vs Slug, Sign Corrected



asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -431.433+/-91.197 χ^2/NDF : 57.8/17

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -5.795+/-92.307 χ^2/NDF : 23.0/16

Left: -221.188+/-64.875 χ^2/NDF : 91.6/34

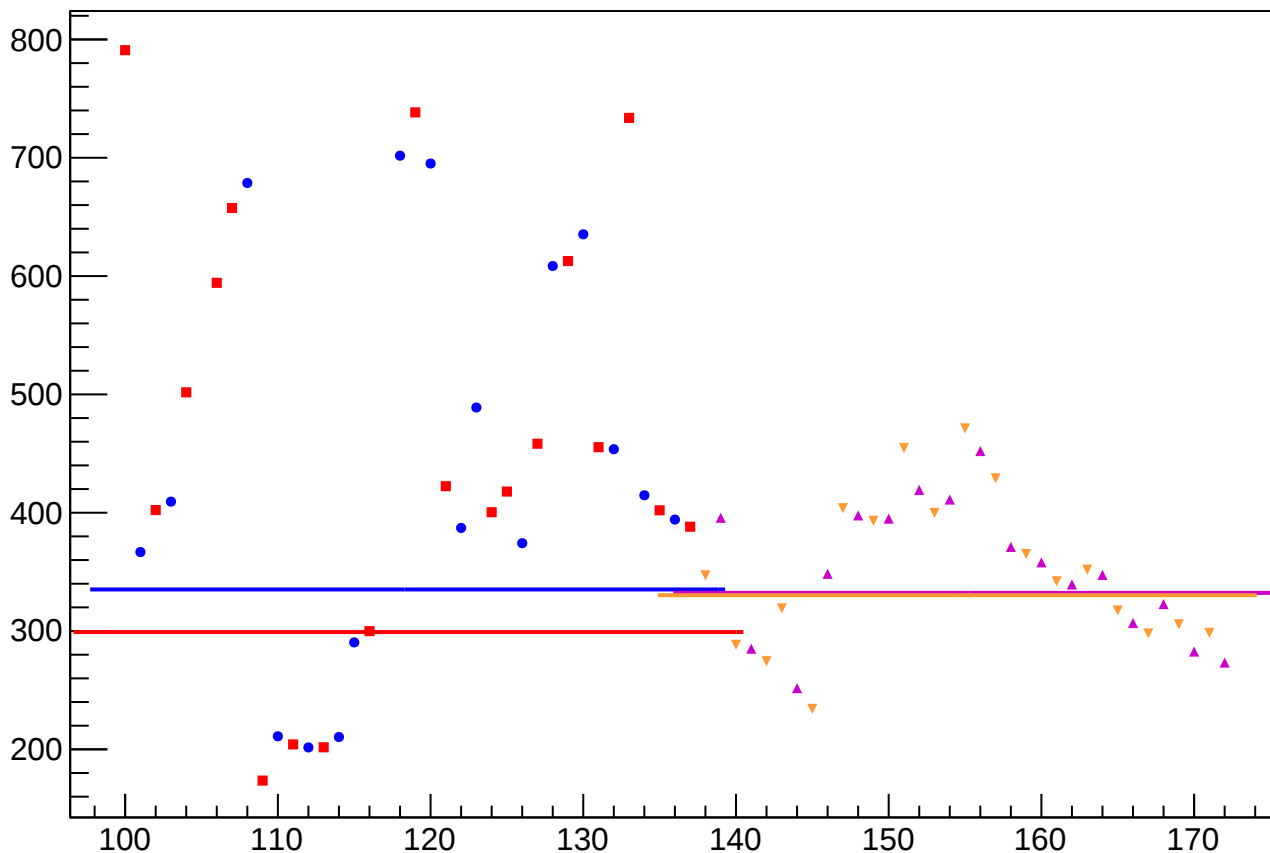
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -50.511+/-77.180 χ^2/NDF : 47.0/33

Out: -221.793+/-73.898 χ^2/NDF : 84.5/36

All: -139.871+/-53.376 χ^2/NDF : 134.0/70

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 330.289 $\pm$ 0.064 χ^2/NDF : 881605.0/17

Right Out: 299.135 $\pm$ 0.089 χ^2/NDF : 2831089.8/18

Left In: 332.245 $\pm$ 0.065 χ^2/NDF : 751381.3/16

Left: 331.255 $\pm$ 0.046 χ^2/NDF : 1633440.9/34

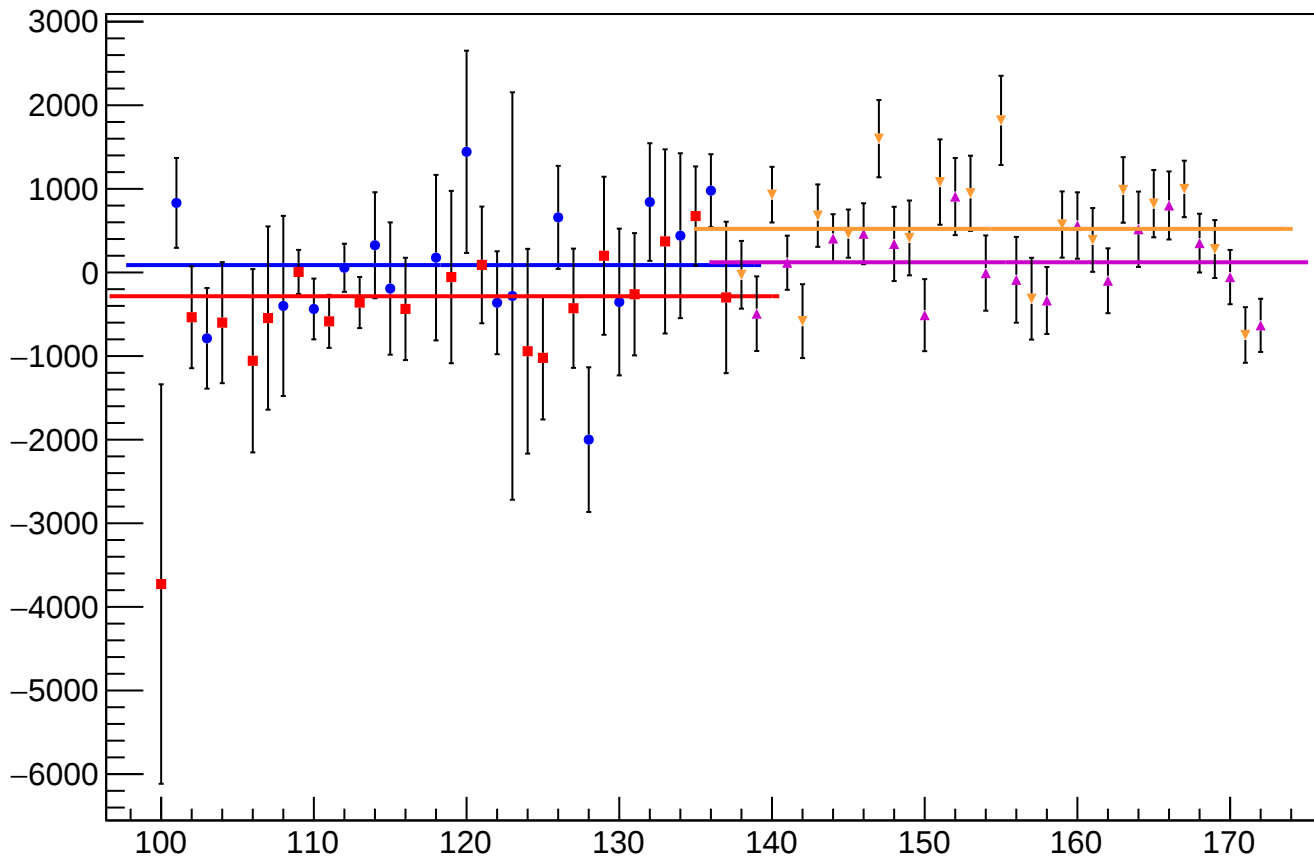
Right: 315.172 $\pm$ 0.066 χ^2/NDF : 4897737.2/35

In: 333.115 $\pm$ 0.055 χ^2/NDF : 2746015.8/33

Out: 319.591 $\pm$ 0.052 χ^2/NDF : 3792840.9/36

All: 326.059 $\pm$ 0.038 χ^2/NDF : 6570892.5/70

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 521.445 $\pm$ 92.192 χ^2/NDF : 45.4/17

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 122.028 $\pm$ 93.059 χ^2/NDF : 22.0/16

Left: 323.606 $\pm$ 65.494 χ^2/NDF : 76.7/34

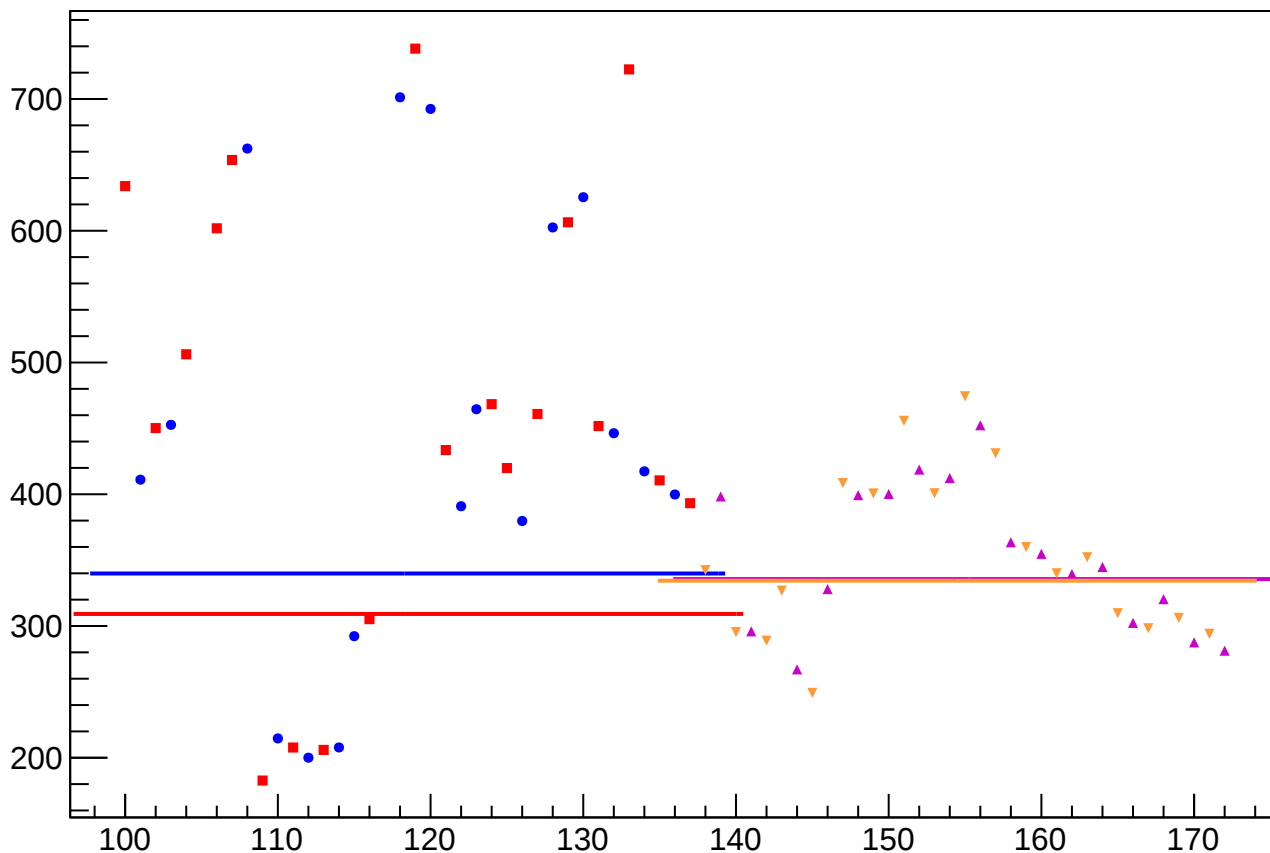
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 111.940 $\pm$ 78.001 χ^2/NDF : 42.9/33

Out: 250.849 $\pm$ 75.138 χ^2/NDF : 81.2/36

All: 183.990 $\pm$ 54.114 χ^2/NDF : 125.7/70

asym_sam7_rms vs Slug, Sign Corrected



Left: 335.008 +/- 0.046 χ^2/NDF : 1407397.5/34

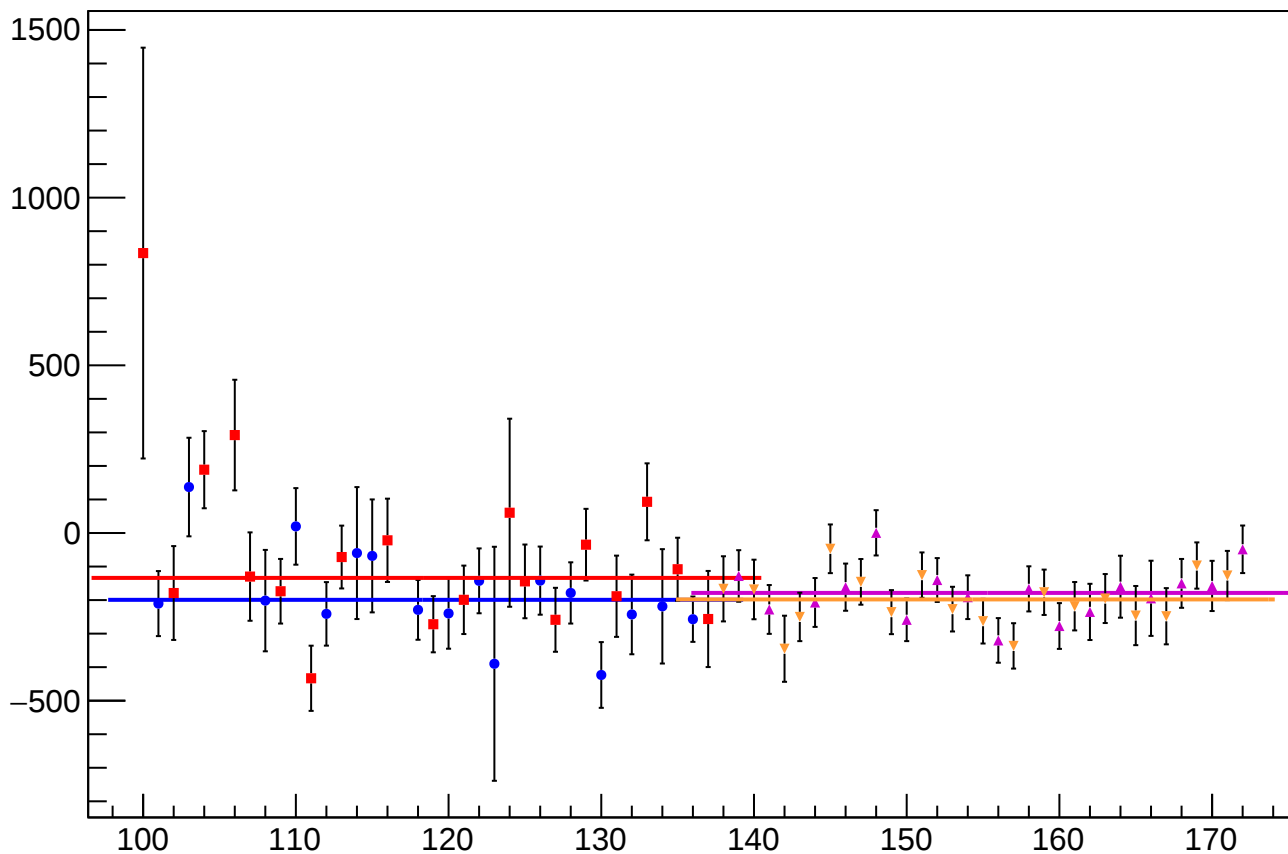
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 336.882 +/- 0.055 χ^2/NDF : 2673665.6/33

Out: 325.927 +/- 0.053 χ^2/NDF : 3564540.4/36

All: 331.200 +/- 0.038 χ^2/NDF : 6258668.8/70

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -198.035 $\pm$ 17.361 χ^2/NDF : 18.6/17

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -178.593 $\pm$ 17.540 χ^2/NDF : 20.9/16

Left: -188.414 $\pm$ 12.339 χ^2/NDF : 40.1/34

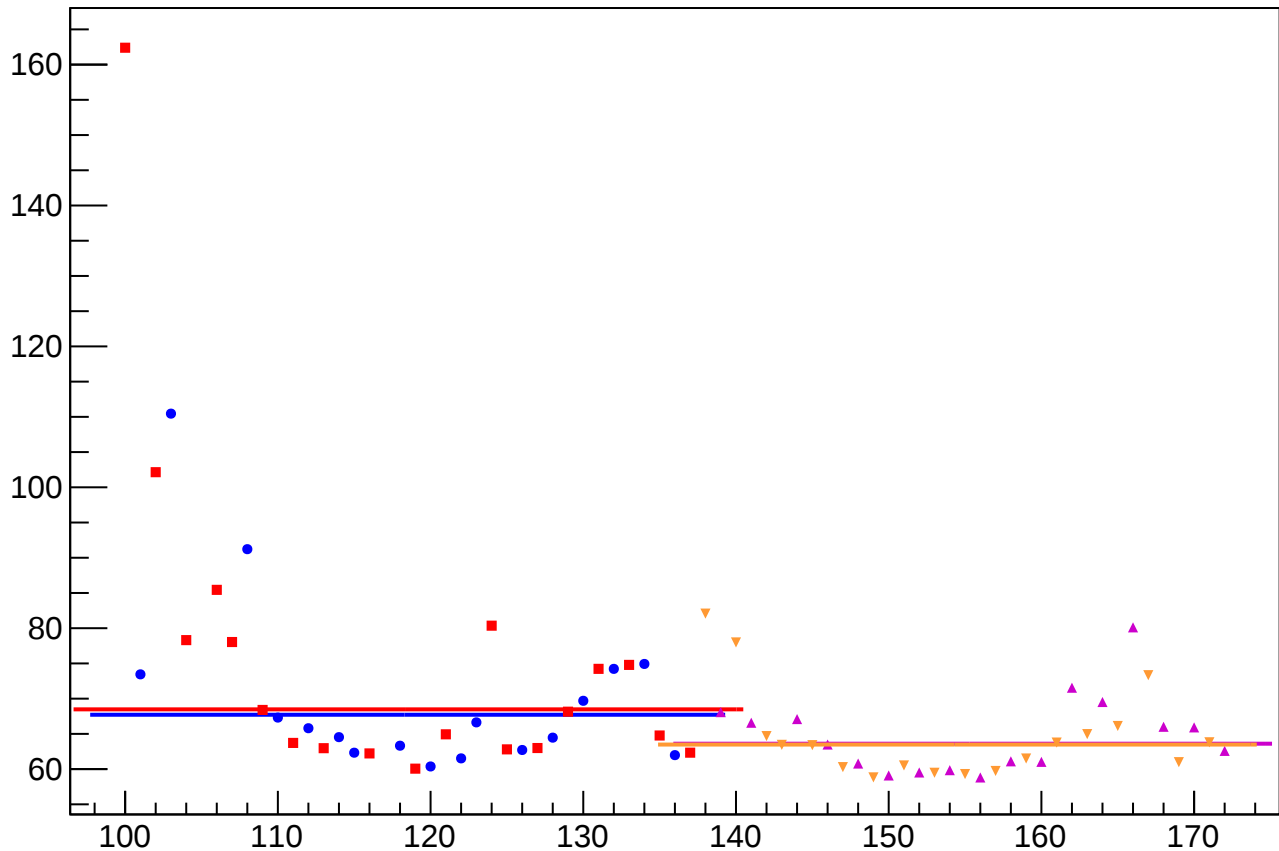
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -184.882 $\pm$ 14.629 χ^2/NDF : 38.9/33

Out: -178.479 $\pm$ 14.477 χ^2/NDF : 62.0/36

All: -181.647 $\pm$ 10.290 χ^2/NDF : 101.0/70

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.485 $\pm$ 0.012 χ^2 /NDF: 201068.4/17

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.605 $\pm$ 0.012 χ^2 /NDF: 132876.1/16

Left: 63.544 $\pm$ 0.009 χ^2 /NDF: 333992.4/34

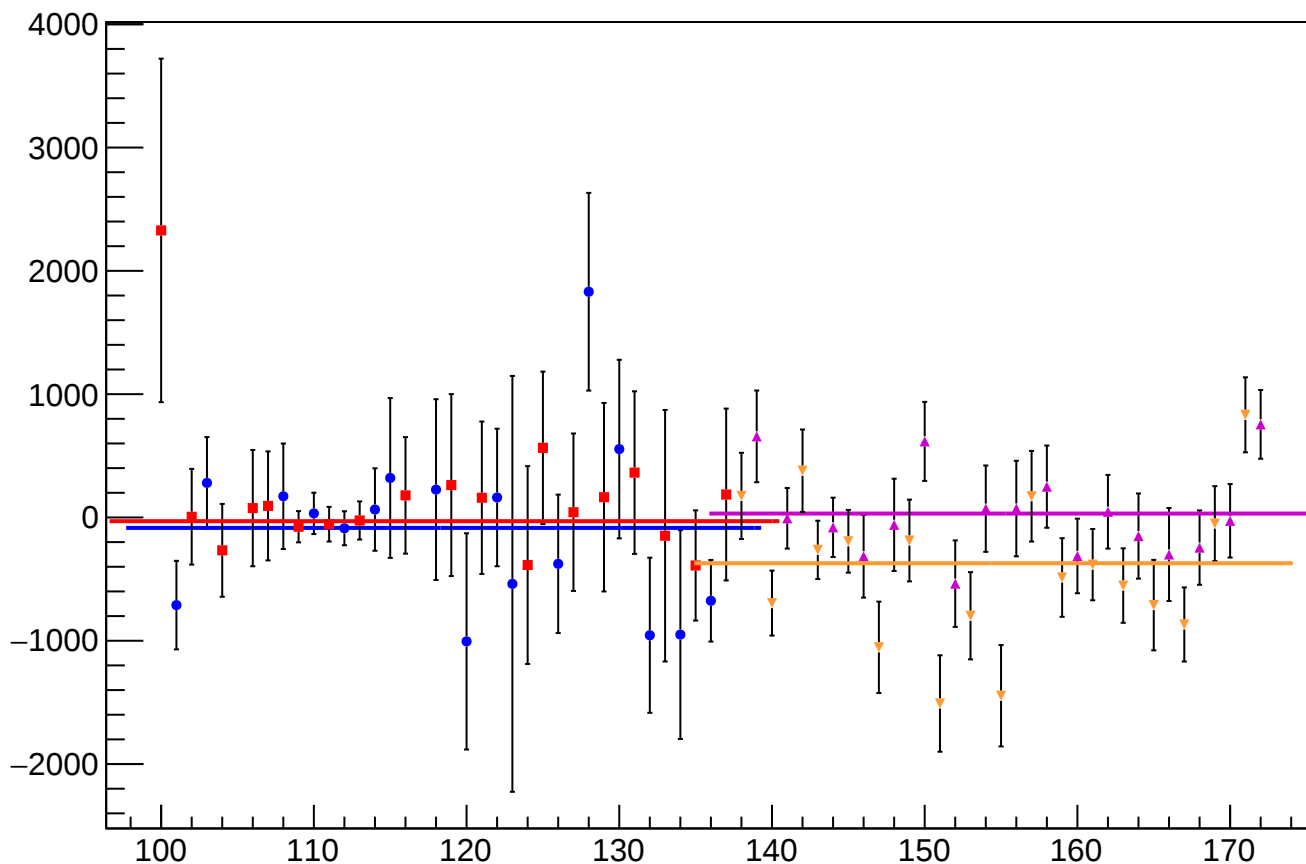
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.856 $\pm$ 0.010 χ^2 /NDF: 449196.9/33

Out: 65.007 $\pm$ 0.010 χ^2 /NDF: 532958.6/36

All: 64.932 $\pm$ 0.007 χ^2 /NDF: 982262.3/70

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -371.401 ± 74.118 $\chi^2/\text{NDF}: 53.2/17$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 31.558 ± 76.369 $\chi^2/\text{NDF}: 20.6/16$

Left: -175.948 ± 53.187 $\chi^2/\text{NDF}: 88.1/34$

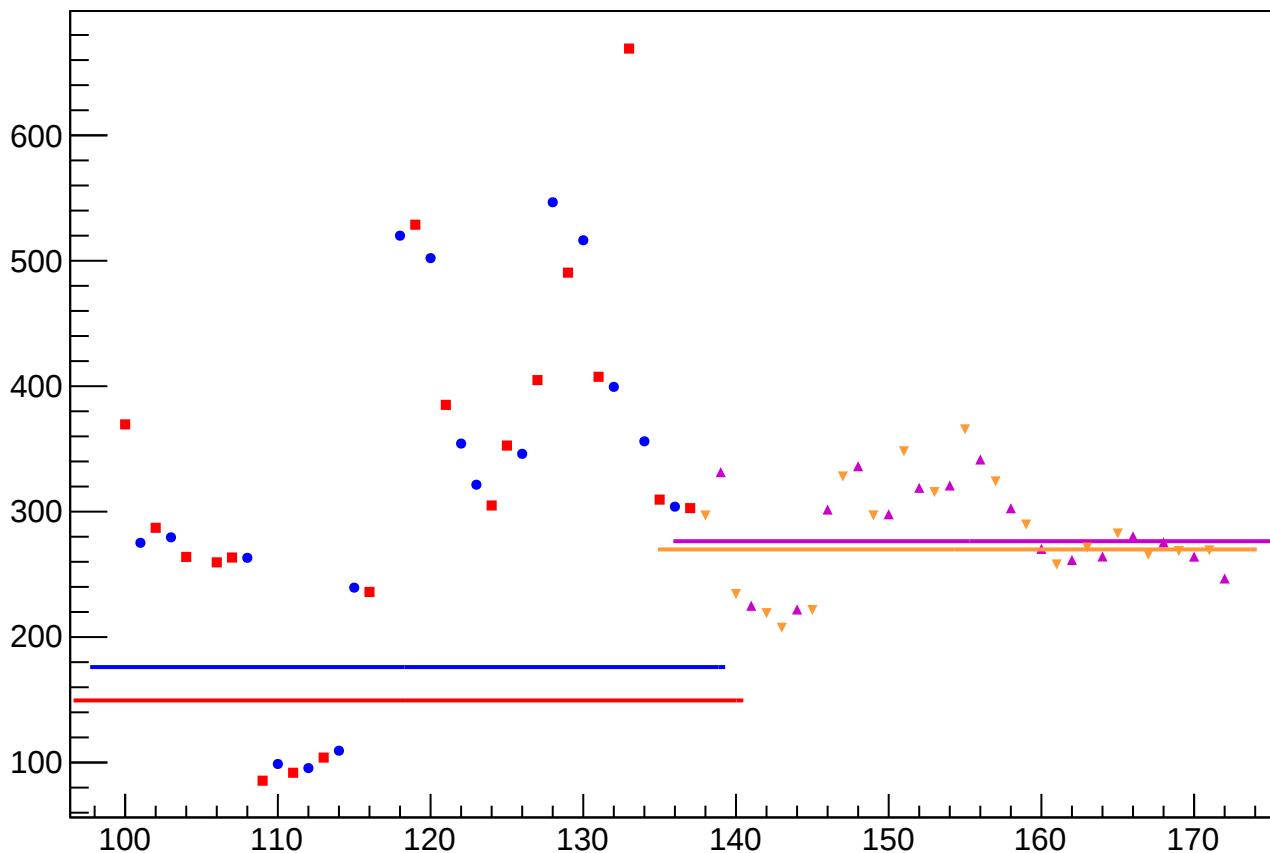
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -22.001 ± 56.096 $\chi^2/\text{NDF}: 41.5/33$

Out: -190.249 ± 50.761 $\chi^2/\text{NDF}: 70.7/36$

All: -114.504 ± 37.638 $\chi^2/\text{NDF}: 117.2/70$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.858+/-0.052 χ^2/NDF : 648570.3/17

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 276.441+/-0.054 χ^2/NDF : 470694.4/16

Left: 273.051+/-0.038 χ^2/NDF : 1126917.3/34

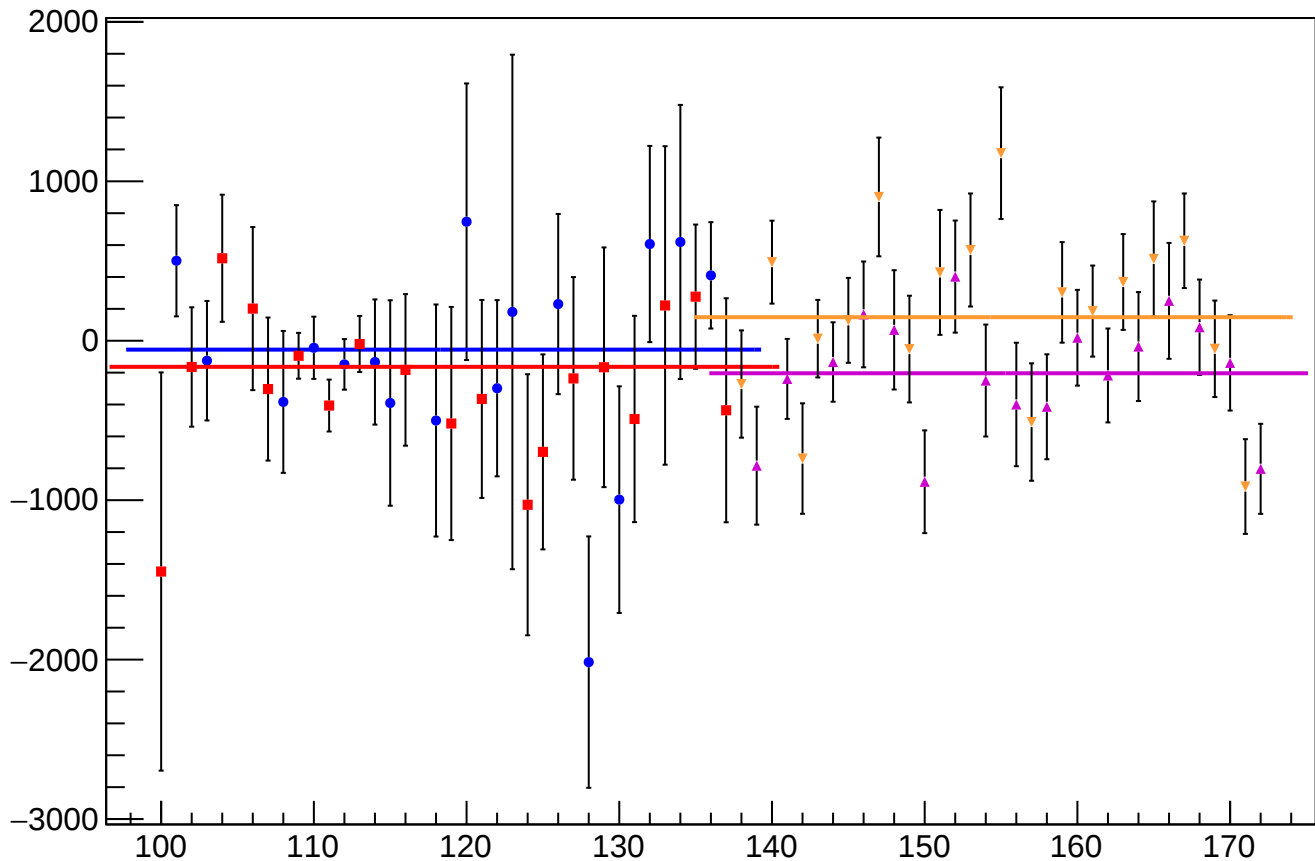
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 230.237+/-0.040 χ^2/NDF : 6284278.9/33

Out: 205.945+/-0.036 χ^2/NDF : 8270553.3/36

All: 216.881+/-0.027 χ^2/NDF : 14761038.2/70

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2 /NDF: 17.1/16

Left Out: 147.780 $\pm$ 74.229 χ^2 /NDF:43.6/17

Right Out: -163.564 $\pm$ 76.926 χ^2 /NDF: 11.4/18

Left In: -203.937 $\pm$ 76.493 χ^2 /NDF:20.3/16

Left: -22.797 $\pm$ 53.271 χ^2 /NDF: 74.8/34

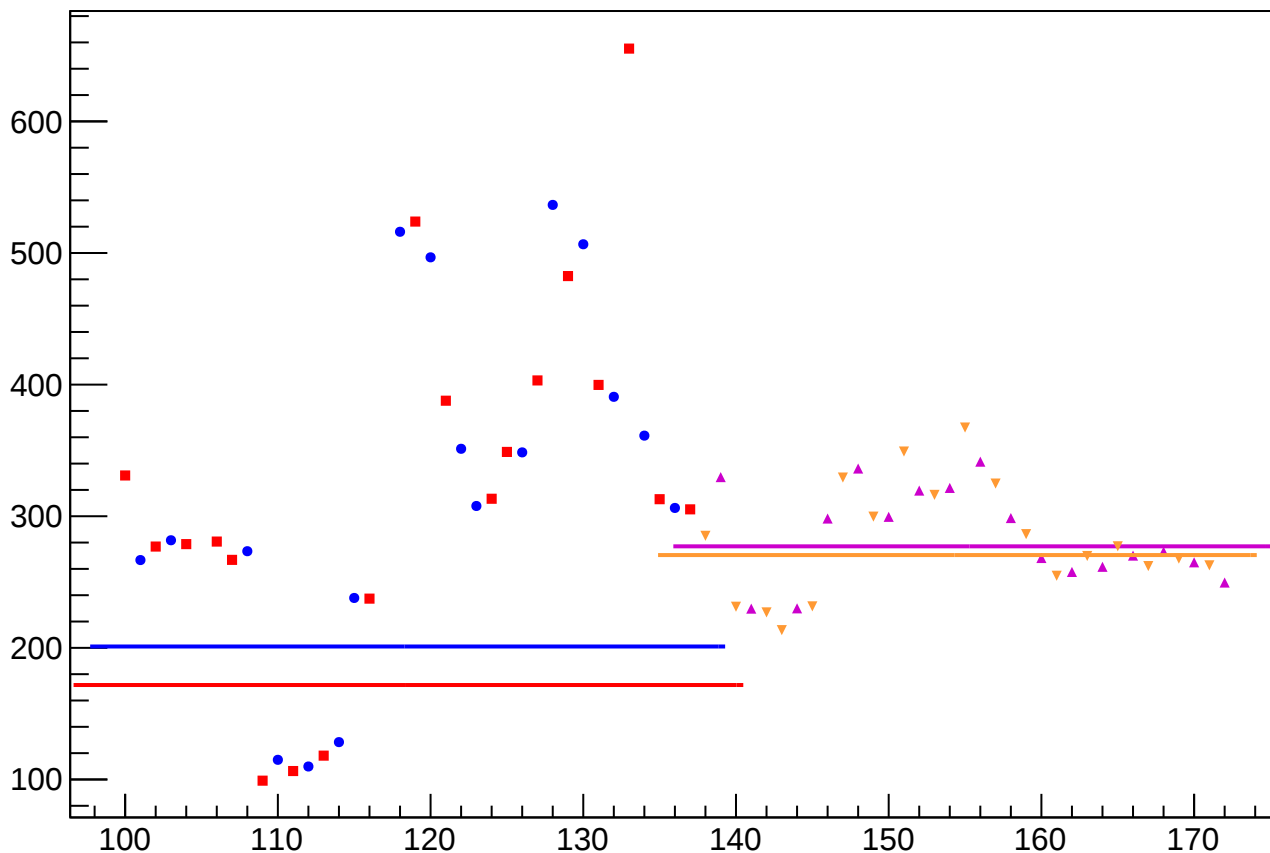
Right: -118.372 $\pm$ 58.632 χ^2 /NDF: 29.4/35

In: -142.232 $\pm$ 58.440 χ^2 /NDF:39.0/33

Out: -2.340 $\pm$ 53.416 χ^2 /NDF:63.5/36

All: -66.015 $\pm$ 39.428 χ^2 /NDF: 105.6/70

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036±/0.064 χ^2/NDF : 3433026.4/16

Left Out: 270.500±/0.052 χ^2/NDF :581479.4/17

Right Out: 171.765±/0.054 χ^2/NDF : 4098218.1/18

Left In: 277.134±/0.054 χ^2/NDF :413527.8/16

Left: 273.718±/0.038 χ^2/NDF : 1002754.8/34

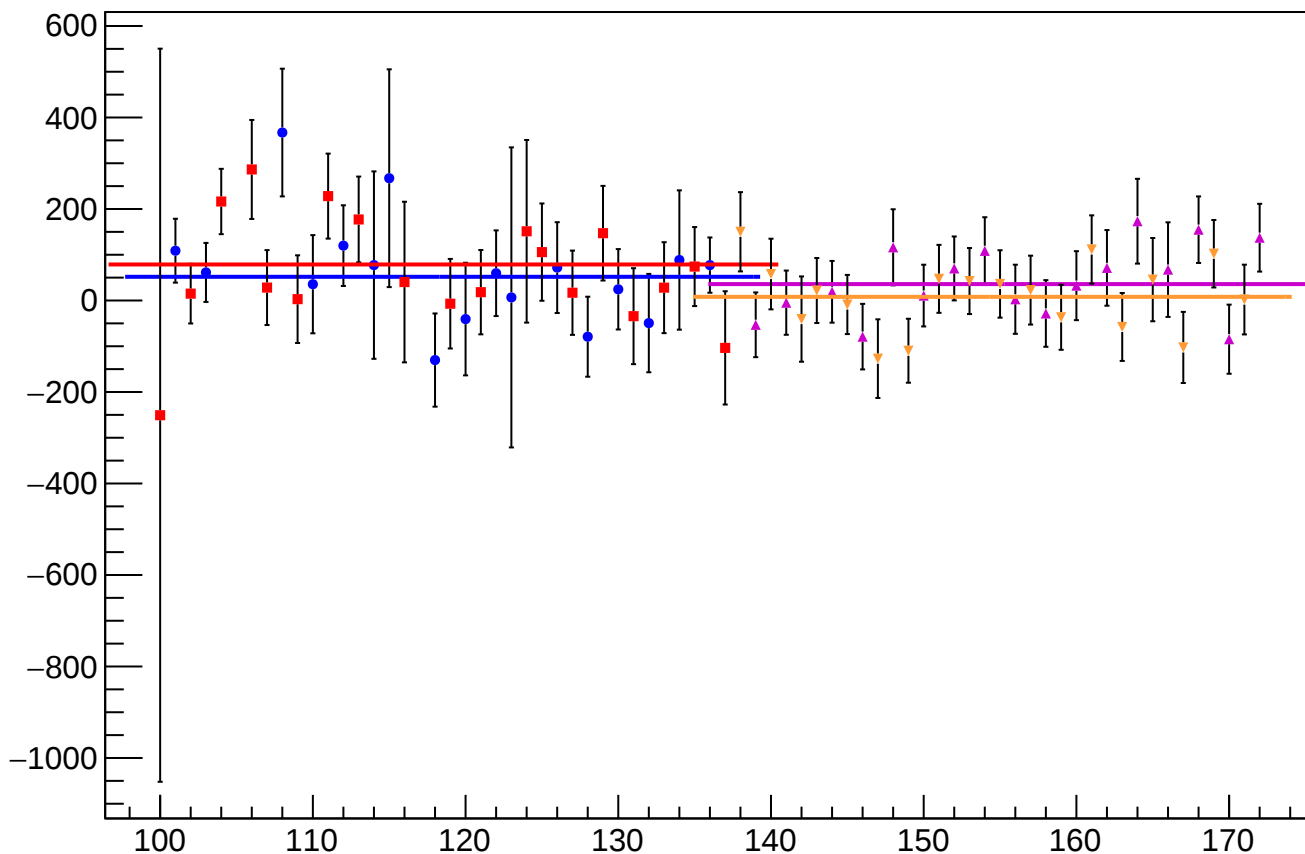
Right: 184.032±/0.041 χ^2/NDF : 7652597.2/35

In: 245.453±/0.041 χ^2/NDF :4670616.6/33

Out: 222.894±/0.038 χ^2/NDF :6385851.9/36

All: 233.162±/0.028 χ^2/NDF : 11218845.7/70

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.993 $\pm$ 17.879 χ^2 /NDF:16.4/17

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 35.848 $\pm$ 18.215 χ^2 /NDF:17.4/16

Left: 21.661 $\pm$ 12.760 χ^2 /NDF: 35.0/34

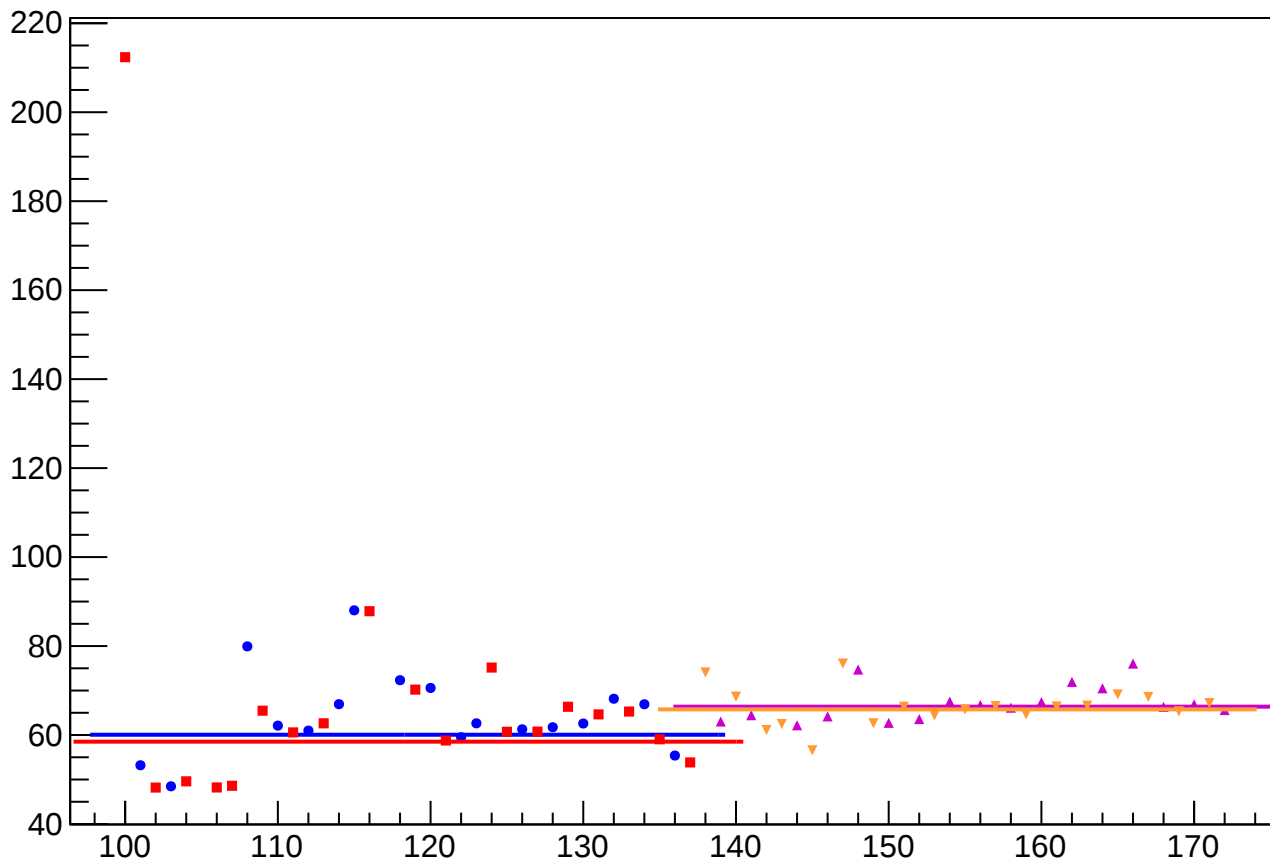
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 41.822 $\pm$ 14.406 χ^2 /NDF:32.2/33

Out: 35.393 $\pm$ 13.995 χ^2 /NDF:41.6/36

All: 38.515 $\pm$ 10.038 χ^2 /NDF: 73.9/70

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.765 $\pm$ 0.013 χ^2 /NDF: 111538.0/17

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.375 $\pm$ 0.013 χ^2 /NDF: 76388.7/16

Left: 66.064 $\pm$ 0.009 χ^2 /NDF: 189069.4/34

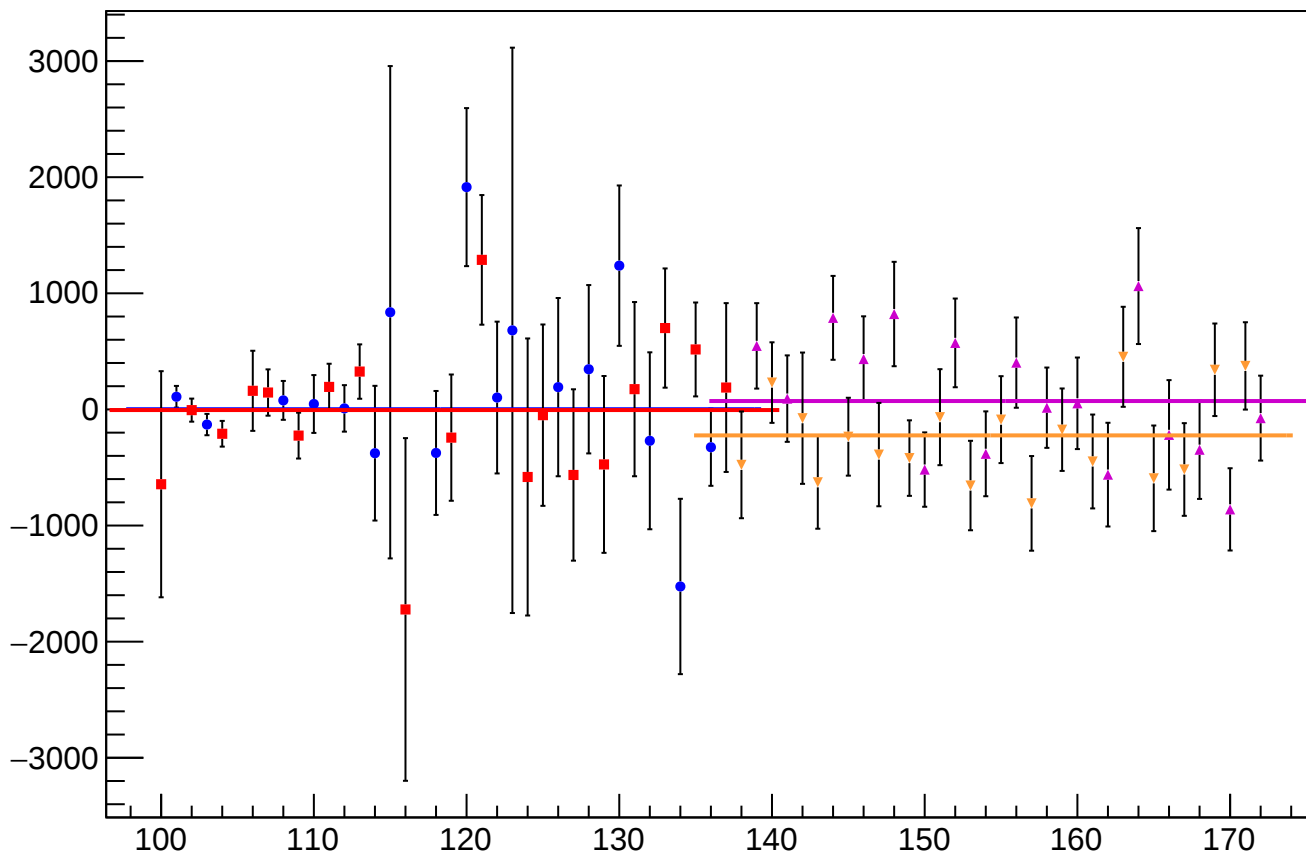
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 64.012 $\pm$ 0.010 χ^2 /NDF: 395371.0/33

Out: 62.955 $\pm$ 0.010 χ^2 /NDF: 587943.8/36

All: 63.468 $\pm$ 0.007 χ^2 /NDF: 988852.4/70

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -223.609 $\pm$ 93.048 χ^2 /NDF:15.8/17

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 72.248 $\pm$ 93.389 χ^2 /NDF:31.2/16

Left: -76.223 $\pm$ 65.915 χ^2 /NDF: 52.0/34

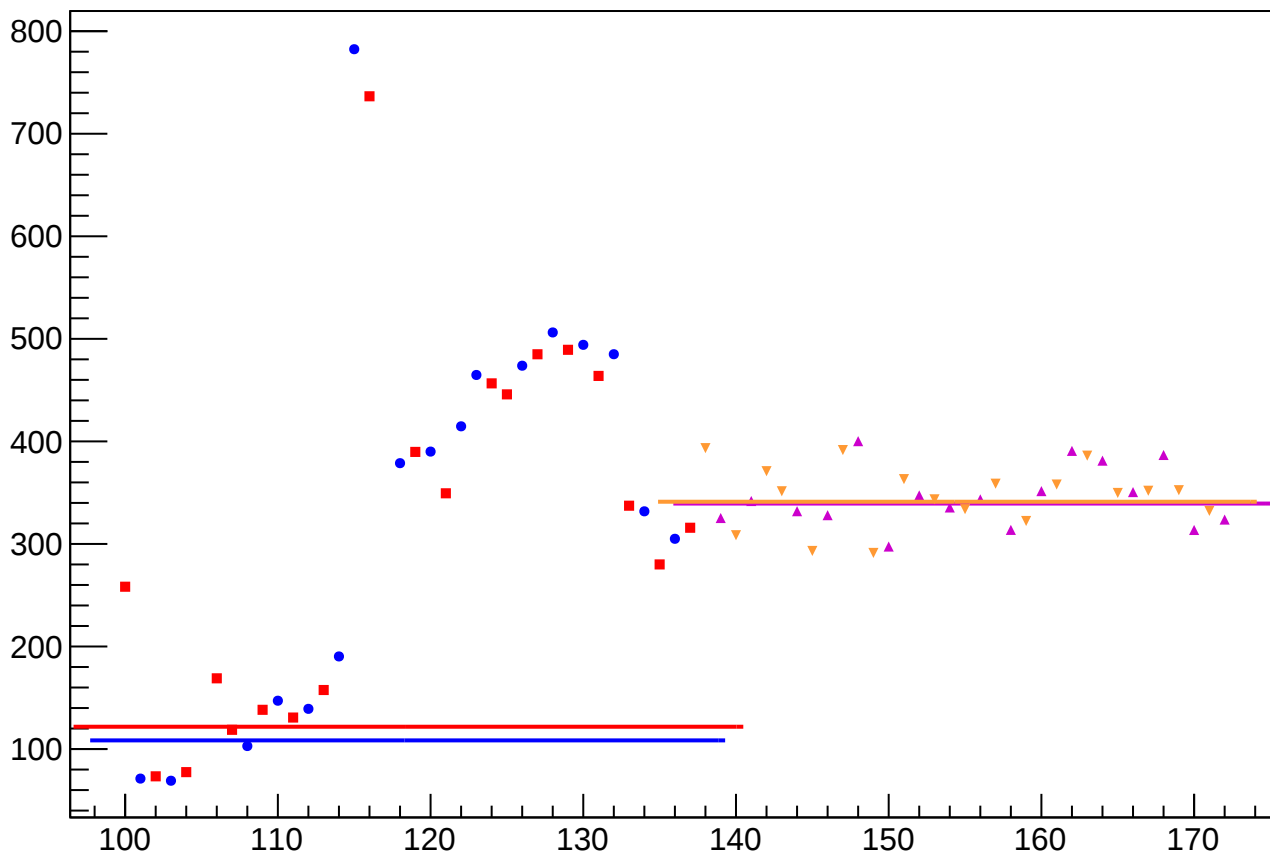
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 19.427 $\pm$ 46.932 χ^2 /NDF:53.0/33

Out: -64.208 $\pm$ 48.304 χ^2 /NDF:40.4/36

All: -21.186 $\pm$ 33.660 χ^2 /NDF: 95.0/70

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 341.166 $\pm$ 0.066 χ^2 /NDF: 210058.7/17

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 339.381 $\pm$ 0.066 χ^2 /NDF: 171749.0/16

Left: 340.277 $\pm$ 0.047 χ^2 /NDF: 382174.1/34

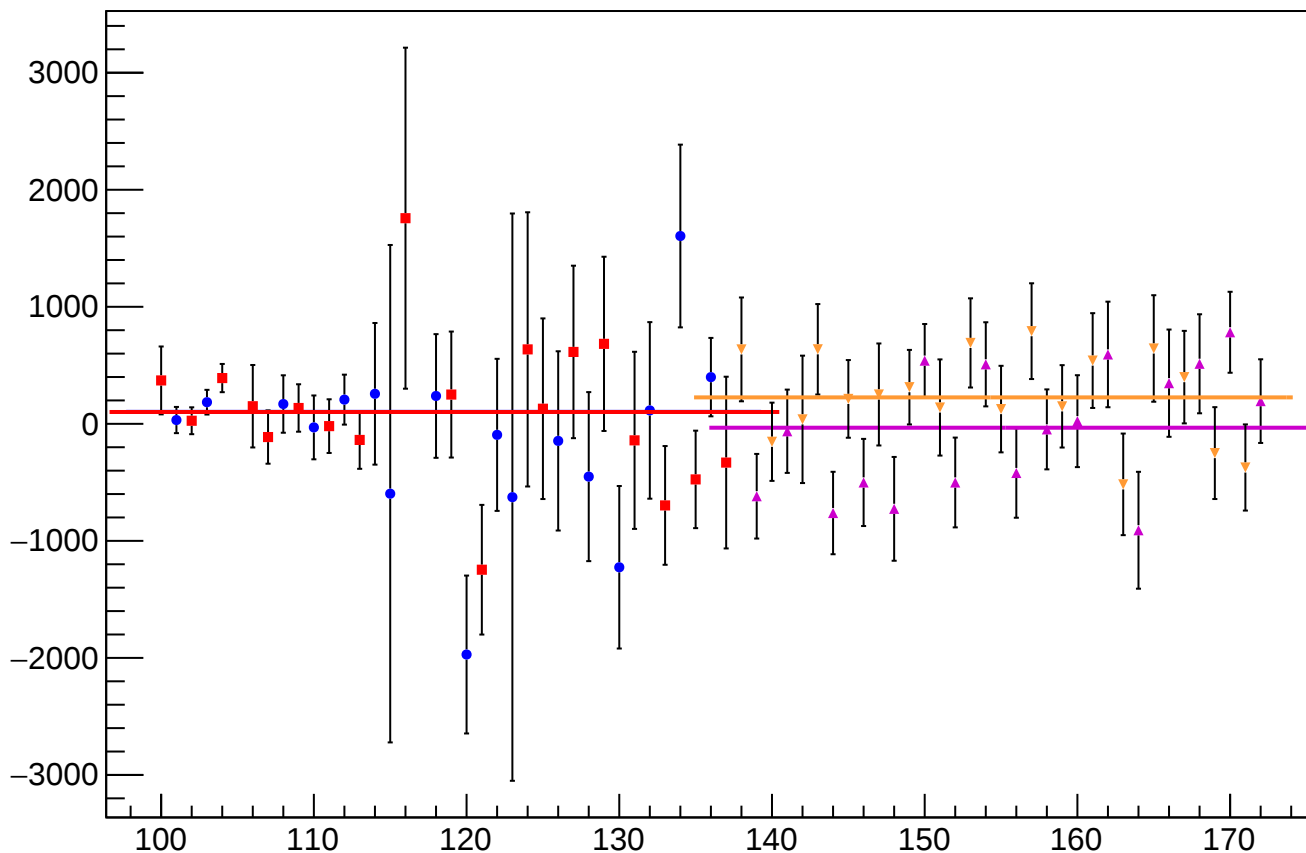
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 166.766 $\pm$ 0.033 χ^2 /NDF: 14717111.0/33

Out: 180.893 $\pm$ 0.034 χ^2 /NDF: 13104122.4/36

All: 173.626 $\pm$ 0.024 χ^2 /NDF: 27909223.6/70

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 225.961 $\pm$ 91.672 χ^2 /NDF:15.7/17

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -33.244 $\pm$ 92.056 χ^2 /NDF:32.4/16

Left: 96.901 $\pm$ 64.957 χ^2 /NDF: 52.1/34

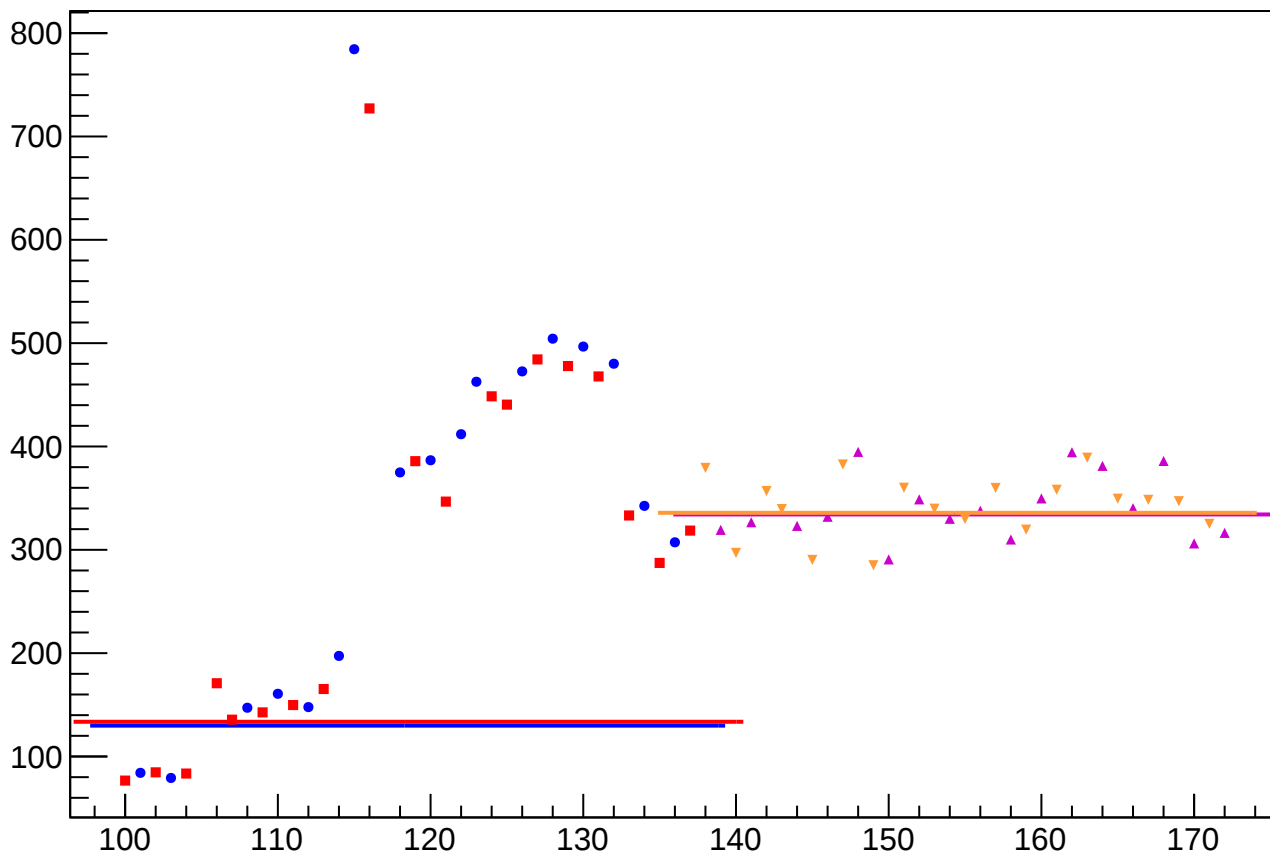
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 58.893 $\pm$ 52.062 χ^2 /NDF:54.2/33

Out: 139.388 $\pm$ 50.695 χ^2 /NDF:39.7/36

All: 100.211 $\pm$ 36.321 χ^2 /NDF: 95.0/70

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.829 $\pm$ 0.065 χ^2 /NDF: 223210.1/17

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 334.212 $\pm$ 0.065 χ^2 /NDF: 200621.8/16

Left: 335.024 $\pm$ 0.046 χ^2 /NDF: 424141.5/34

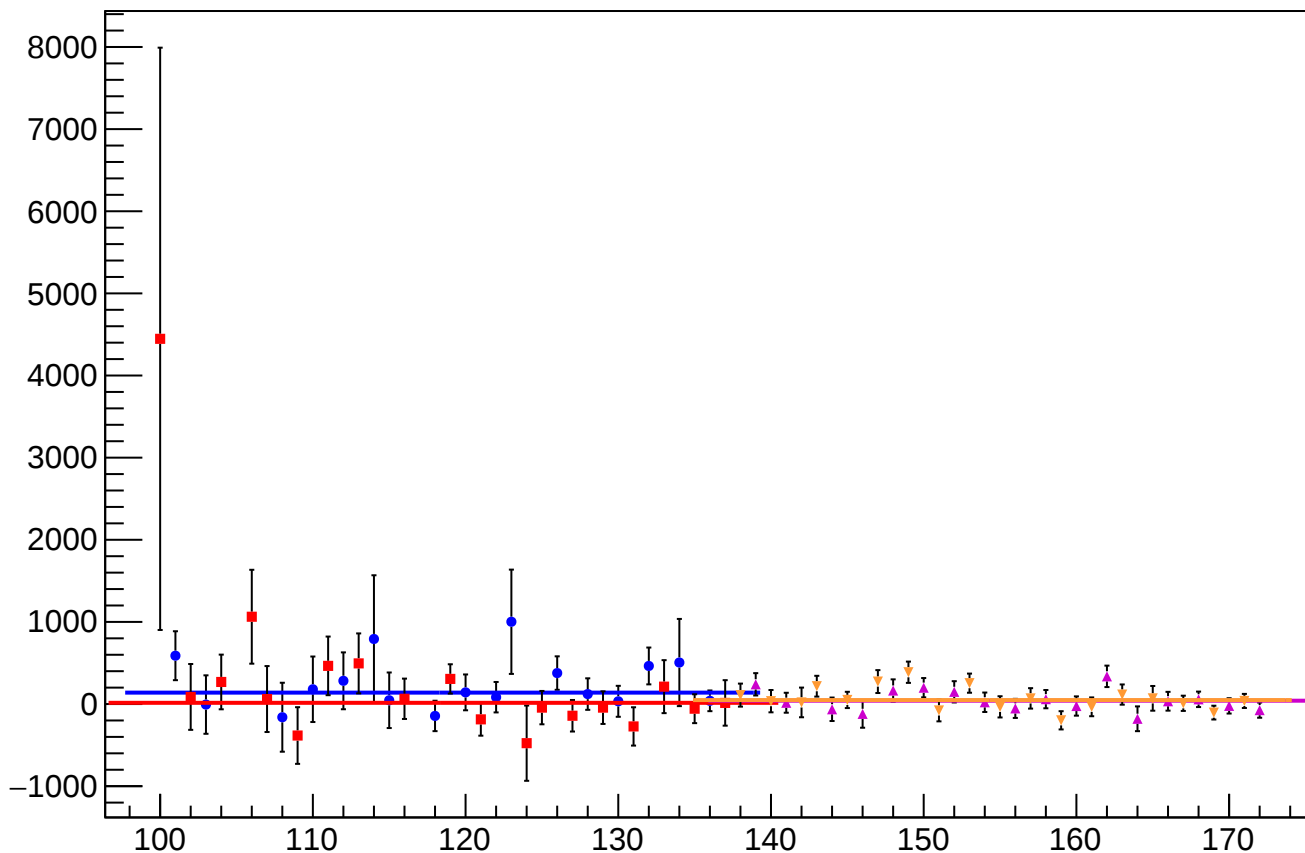
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 195.238 $\pm$ 0.037 χ^2 /NDF: 11731954.3/33

Out: 195.448 $\pm$ 0.036 χ^2 /NDF: 11342758.4/36

All: 195.346 $\pm$ 0.026 χ^2 /NDF: 23074729.6/70

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 48.218 $\pm$ 27.446 χ^2 /NDF:25.2/17

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 40.709 $\pm$ 28.695 χ^2 /NDF:17.3/16

Left: 44.631 $\pm$ 19.834 χ^2 /NDF: 42.5/34

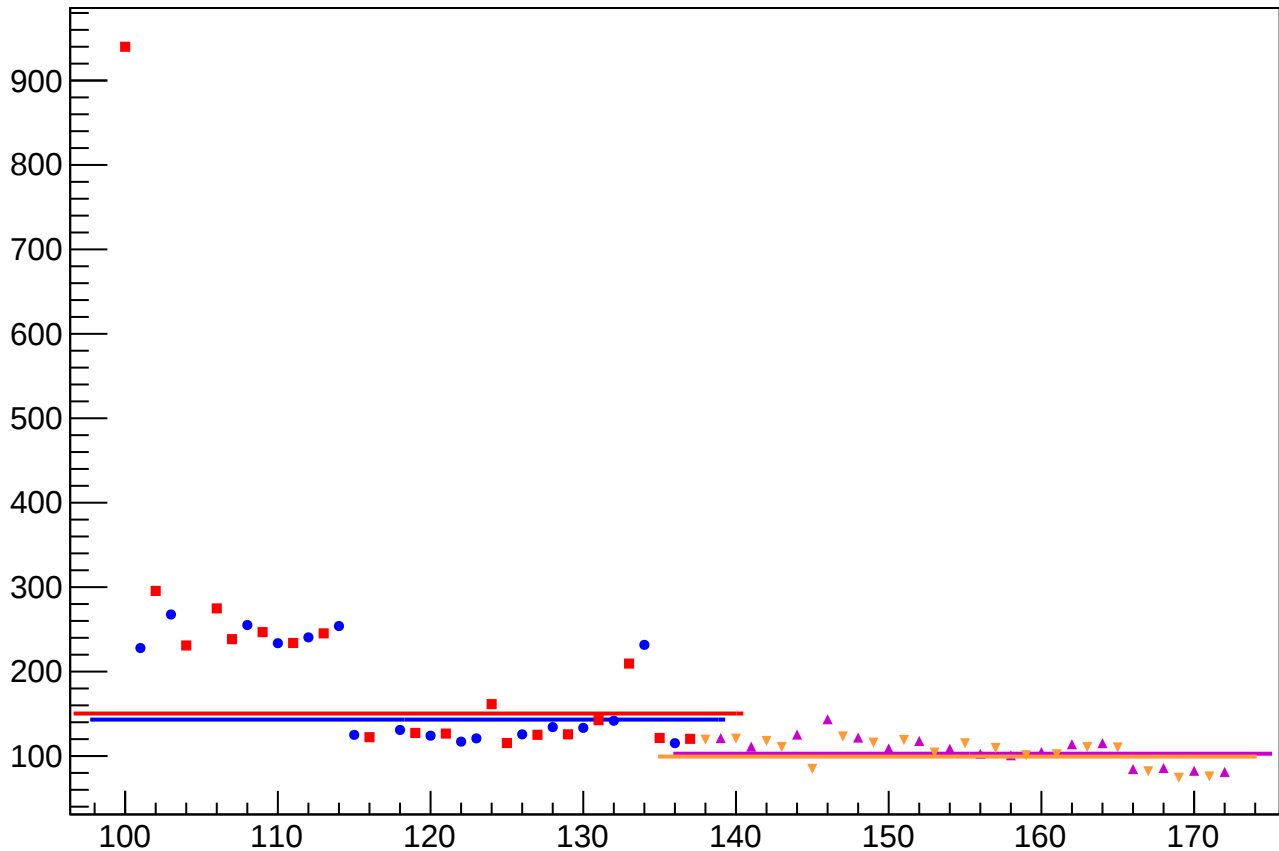
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 60.065 $\pm$ 25.718 χ^2 /NDF:32.7/33

Out: 42.474 $\pm$ 24.967 χ^2 /NDF:43.4/36

All: 51.009 $\pm$ 17.914 χ^2 /NDF: 76.4/70

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 99.330 $\pm$ 0.019 χ^2 /NDF: 779180.8/17

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 102.739 $\pm$ 0.020 χ^2 /NDF: 637650.9/16

Left: 100.959 $\pm$ 0.014 χ^2 /NDF: 1431577.2/34

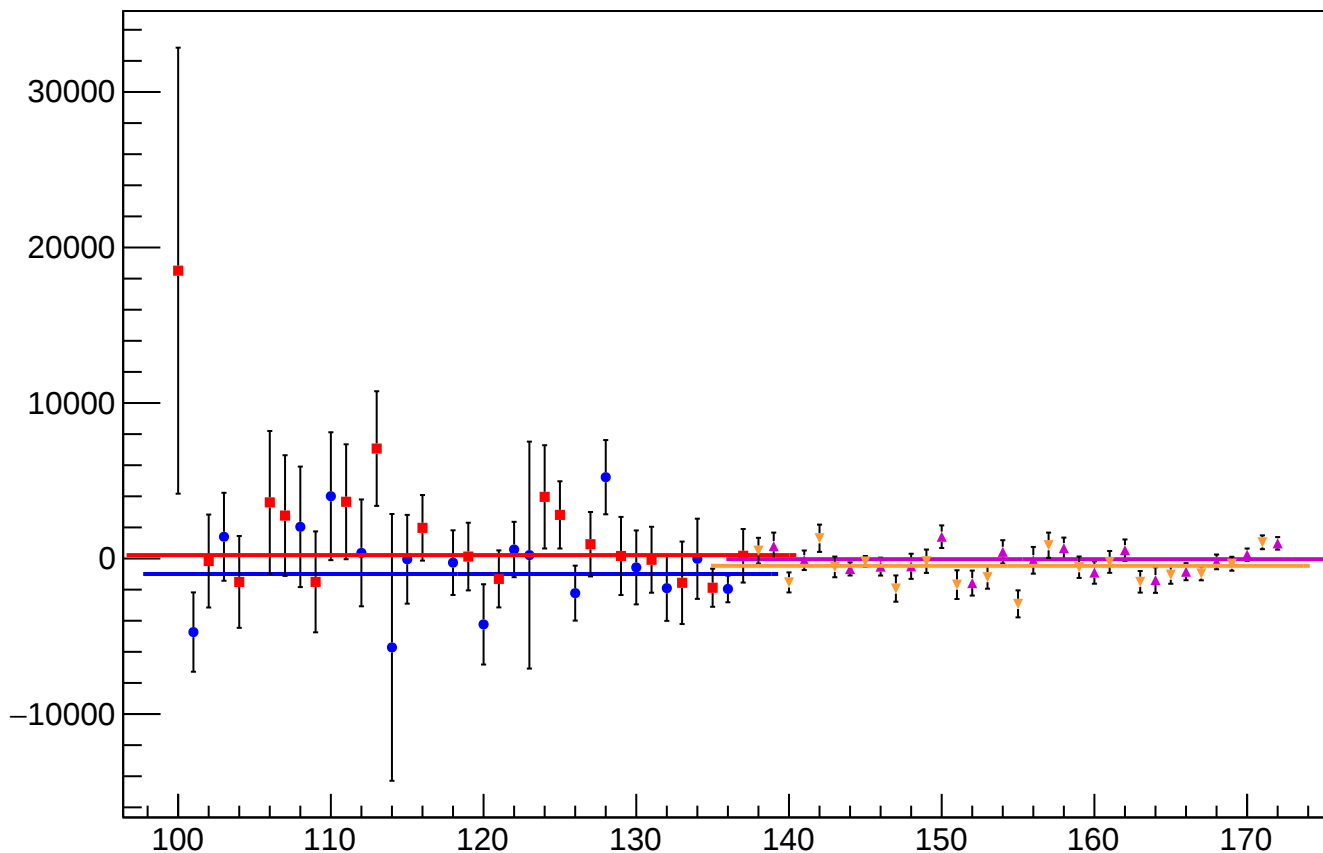
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 110.687 $\pm$ 0.018 χ^2 /NDF: 2518887.3/33

Out: 108.127 $\pm$ 0.018 χ^2 /NDF: 3402589.0/36

All: 109.369 $\pm$ 0.013 χ^2 /NDF: 5931683.1/70

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -468.279+/-143.302 χ^2/NDF : 41.4/17

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -40.795+/-143.576 χ^2/NDF : 27.3/16

Left: -254.945+/-101.426 χ^2/NDF : 73.2/34

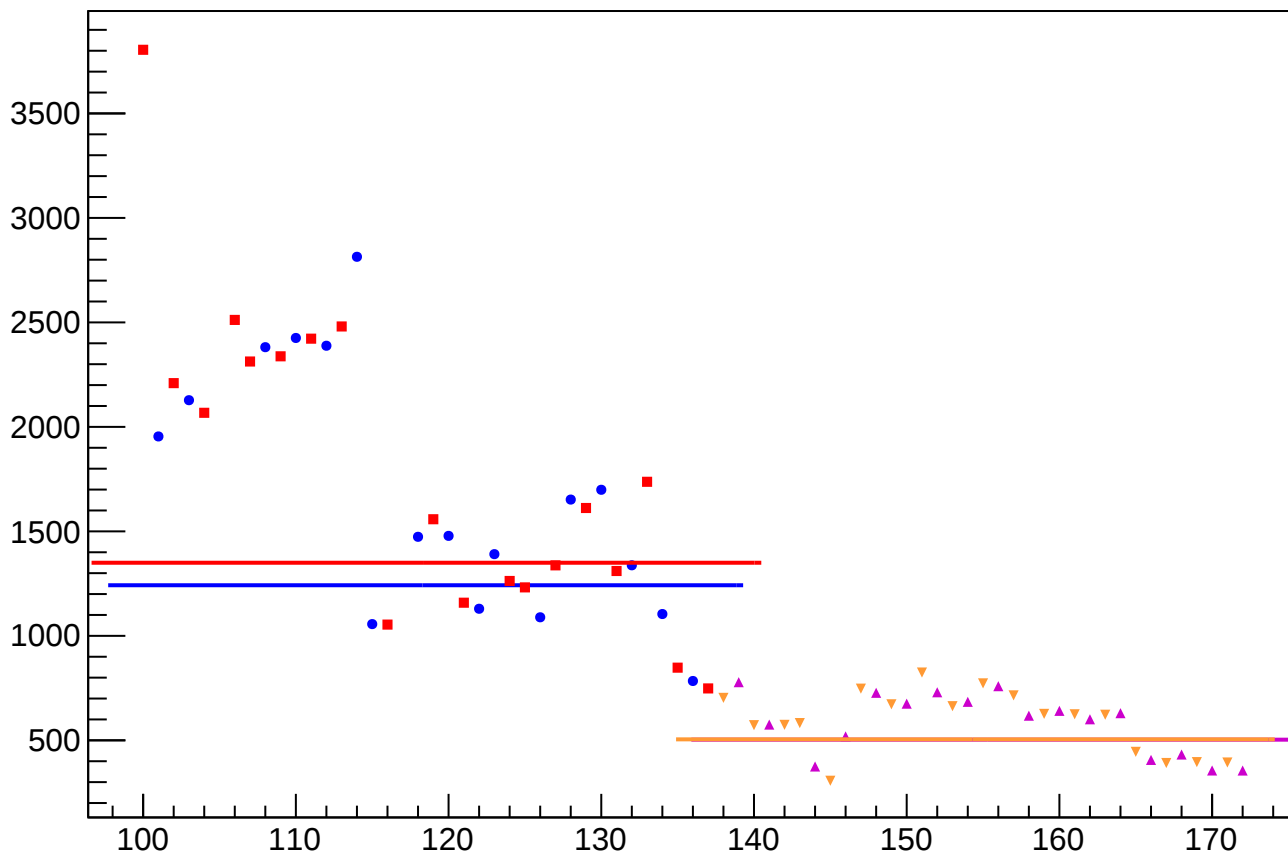
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -109.162+/-138.330 χ^2/NDF : 47.4/33

Out: -423.442+/-138.565 χ^2/NDF : 58.1/36

All: -266.035+/-97.897 χ^2/NDF : 108.1/70

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 504.682 $\pm$ 0.101 χ^2/NDF : 2297073.4/17

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 503.147 $\pm$ 0.102 χ^2/NDF : 1998753.0/16

Left: 503.916 $\pm$ 0.072 χ^2/NDF : 4295940.9/34

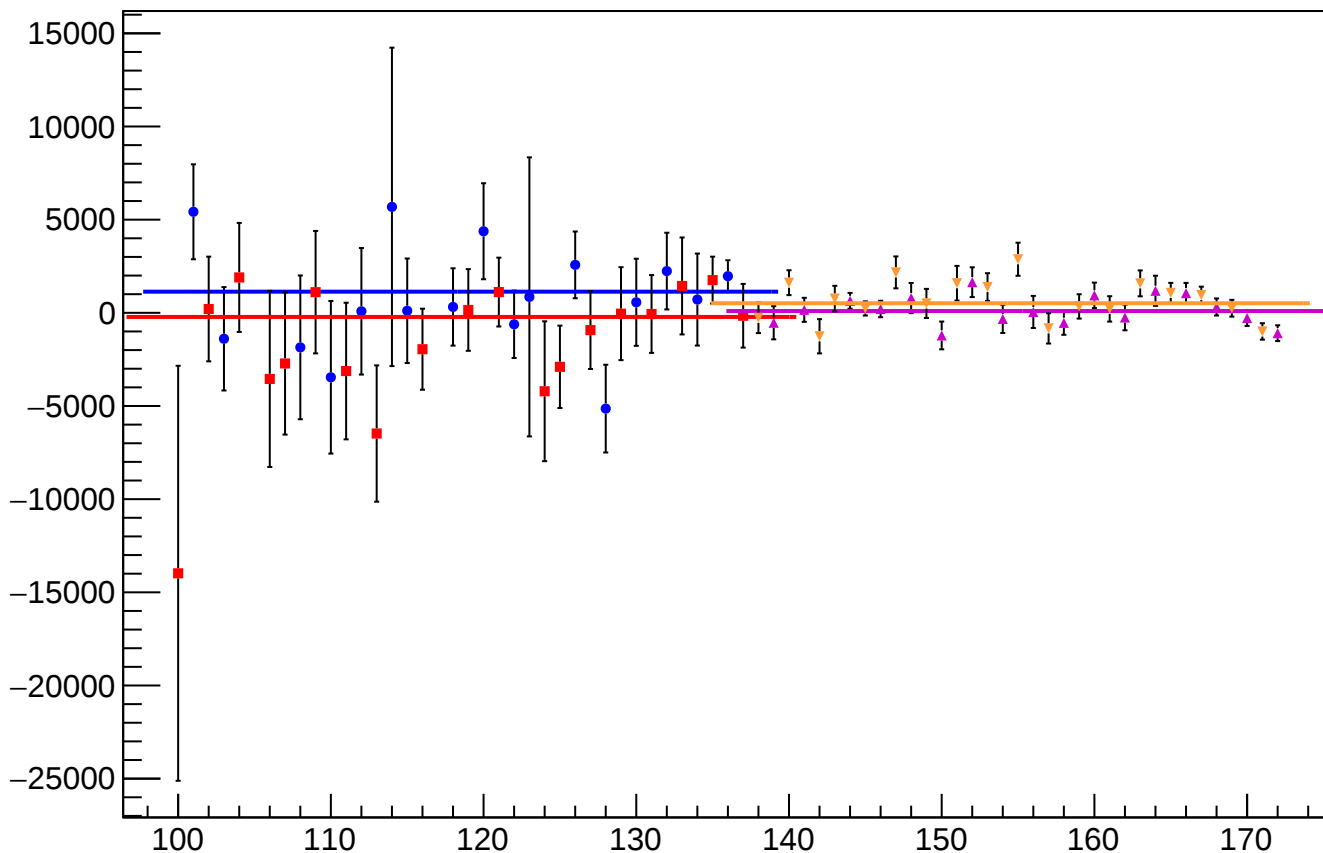
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 556.164 $\pm$ 0.098 χ^2/NDF : 7567542.3/33

Out: 559.632 $\pm$ 0.098 χ^2/NDF : 8688201.5/36

All: 557.895 $\pm$ 0.069 χ^2/NDF : 16256371.5/70

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 514.054 $\pm$ 144.783 χ^2 /NDF: 41.1/17

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 96.086 $\pm$ 141.748 χ^2 /NDF: 26.6/16

Left: 300.643 $\pm$ 101.287 χ^2 /NDF: 72.0/34

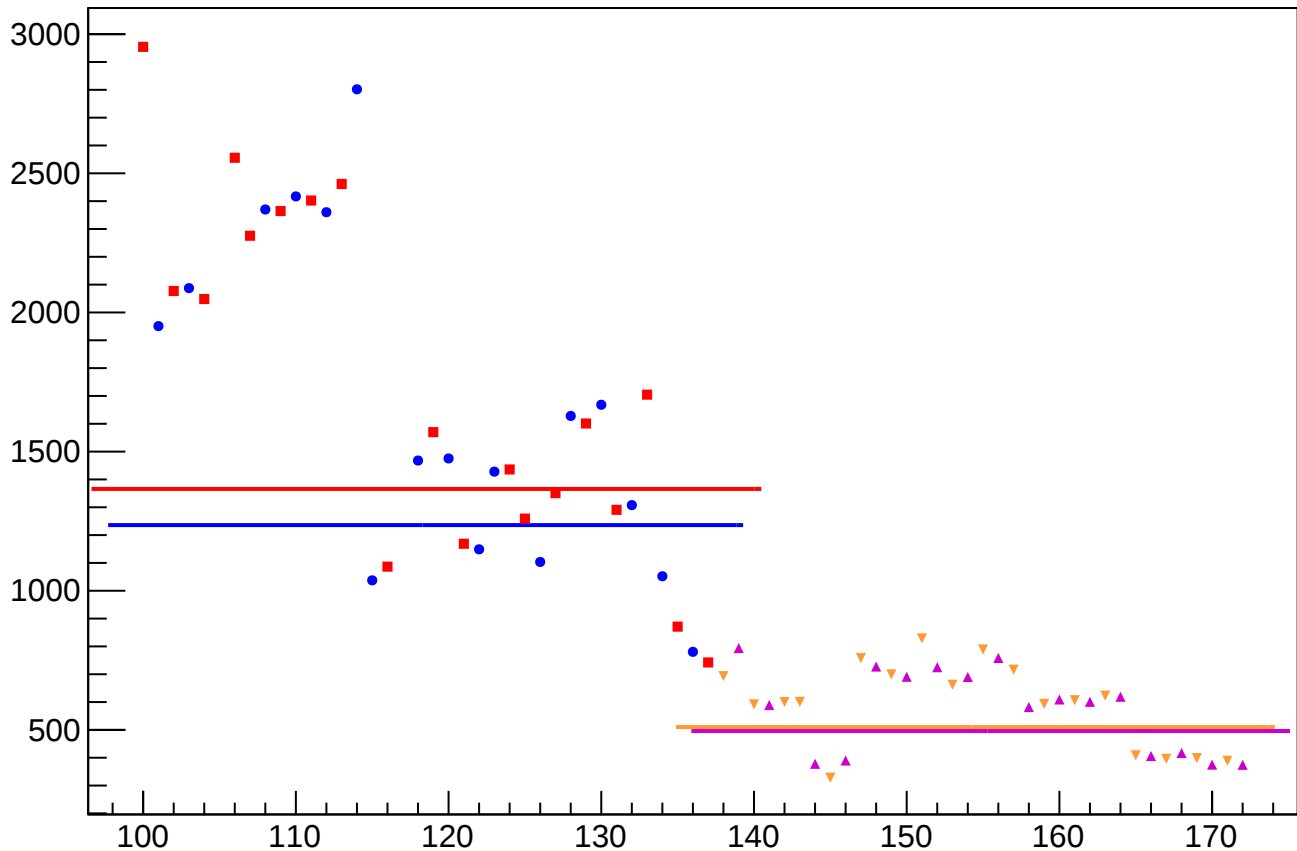
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 169.590 $\pm$ 136.643 χ^2 /NDF: 48.2/33

Out: 466.025 $\pm$ 139.972 χ^2 /NDF: 56.3/36

All: 314.240 $\pm$ 97.777 χ^2 /NDF: 106.8/70

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 510.242+/-0.102 χ^2/NDF : 2167619.1/17

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 496.058+/-0.100 χ^2/NDF : 1942080.4/16

Left: 503.000+/-0.072 χ^2/NDF : 4119500.2/34

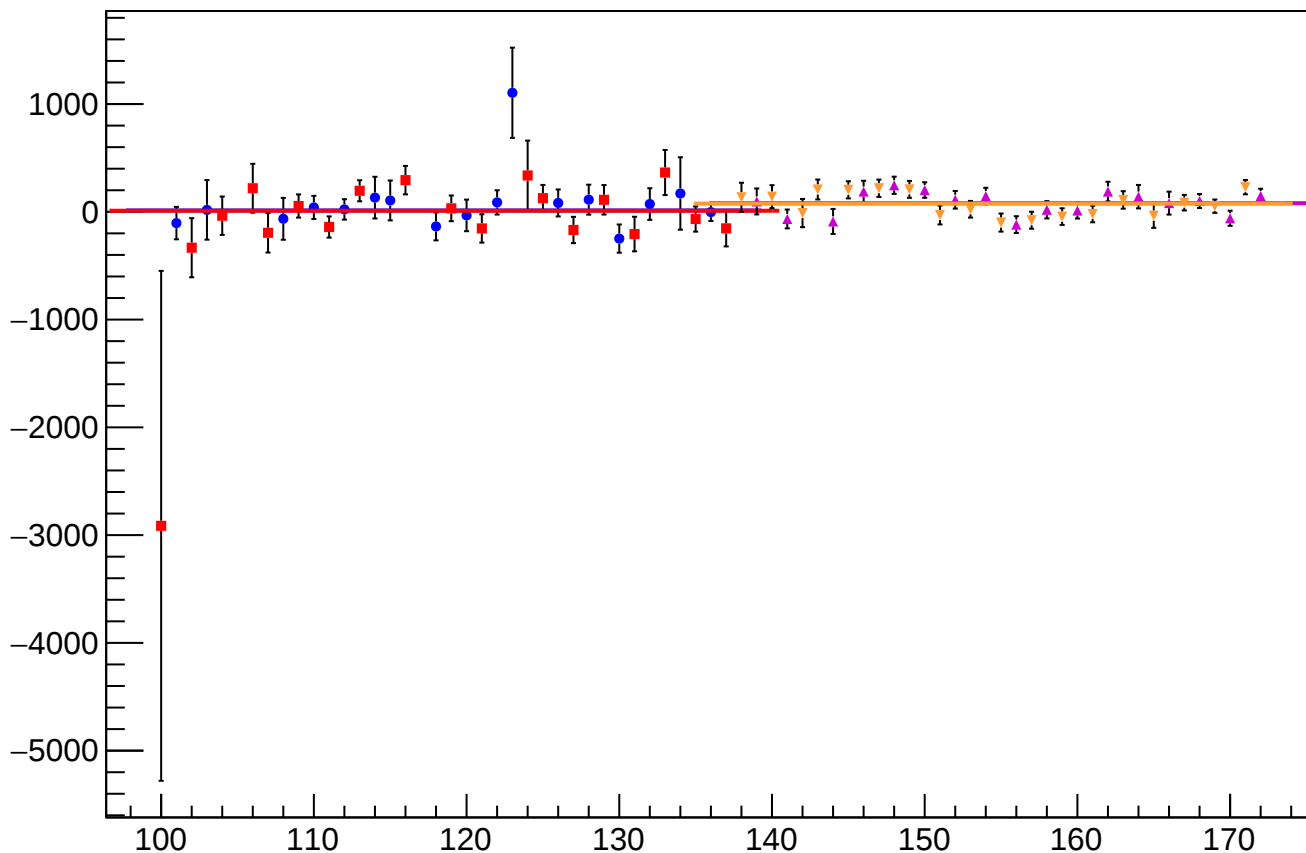
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 548.394+/-0.097 χ^2/NDF : 7542174.1/33

Out: 566.166+/-0.099 χ^2/NDF : 8483351.6/36

All: 557.066+/-0.069 χ^2/NDF : 16042033.6/70

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 76.208+/-19.468 χ^2/NDF : 32.3/17

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 80.185+/-20.012 χ^2/NDF : 28.9/16

Left: 78.142+/-13.954 χ^2/NDF : 61.2/34

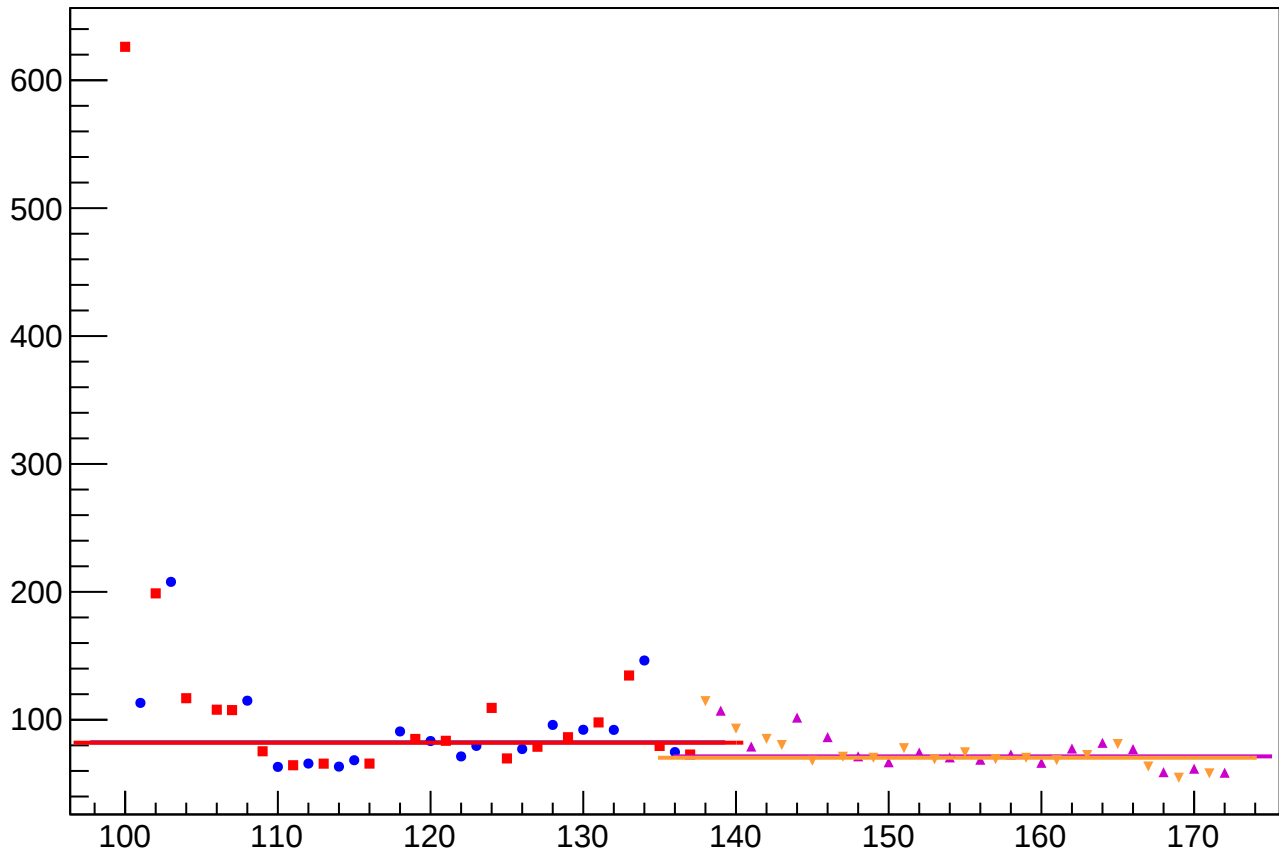
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 62.118+/-17.143 χ^2/NDF : 47.3/33

Out: 58.816+/-16.715 χ^2/NDF : 63.6/36

All: 60.425+/-11.968 χ^2/NDF : 111.0/70

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 70.326 $\pm$ 0.014 χ^2 /NDF: 610647.8/17

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 71.386 $\pm$ 0.014 χ^2 /NDF: 612247.7/16

Left: 70.841 $\pm$ 0.010 χ^2 /NDF: 1225783.5/34

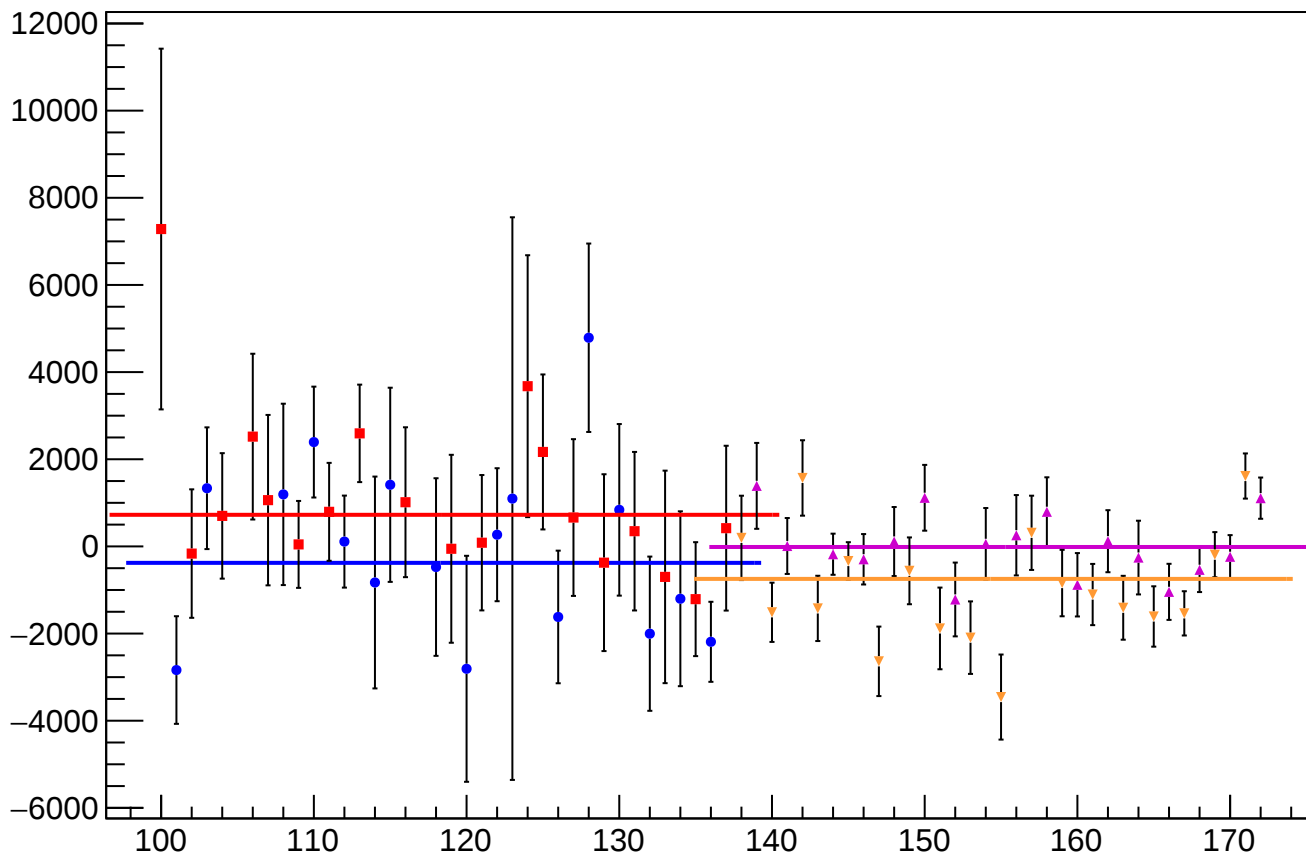
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 74.293 $\pm$ 0.012 χ^2 /NDF: 1639485.6/33

Out: 73.418 $\pm$ 0.012 χ^2 /NDF: 1761648.4/36

All: 73.844 $\pm$ 0.008 χ^2 /NDF: 3403805.9/70

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -745.502 ± 160.129 $\chi^2/\text{NDF}: 57.1/17$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: -13.207 ± 158.189 $\chi^2/\text{NDF}: 18.8/16$

Left: -374.893 ± 112.536 $\chi^2/\text{NDF}: 86.5/34$

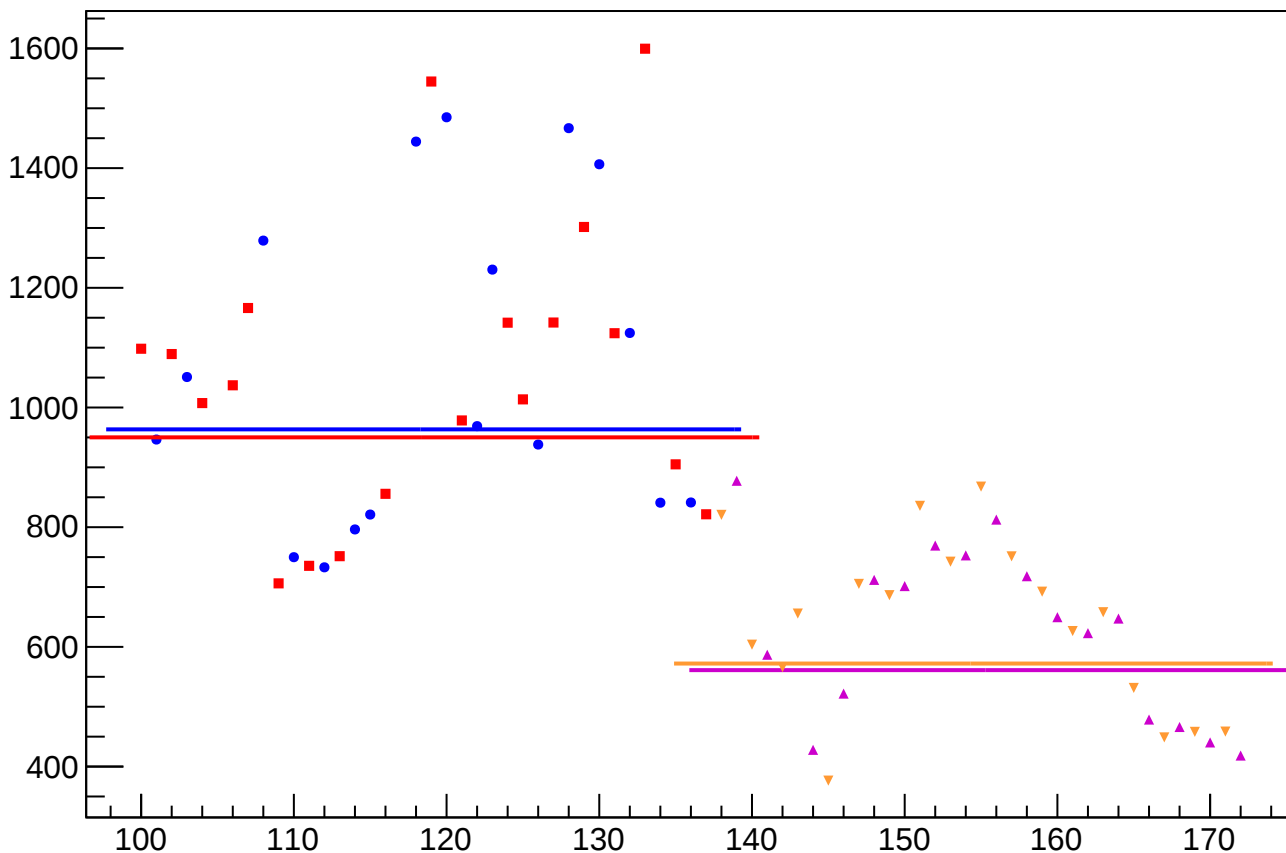
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -66.059 ± 146.259 $\chi^2/\text{NDF}: 44.0/33$

Out: -510.479 ± 146.778 $\chi^2/\text{NDF}: 82.5/36$

All: -287.482 ± 103.604 $\chi^2/\text{NDF}: 131.1/70$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 572.150 $\pm$ 0.113 χ^2 /NDF: 1591217.5/17

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 561.144 $\pm$ 0.112 χ^2 /NDF: 1444589.0/16

Left: 566.580 $\pm$ 0.080 χ^2 /NDF: 3040587.9/34

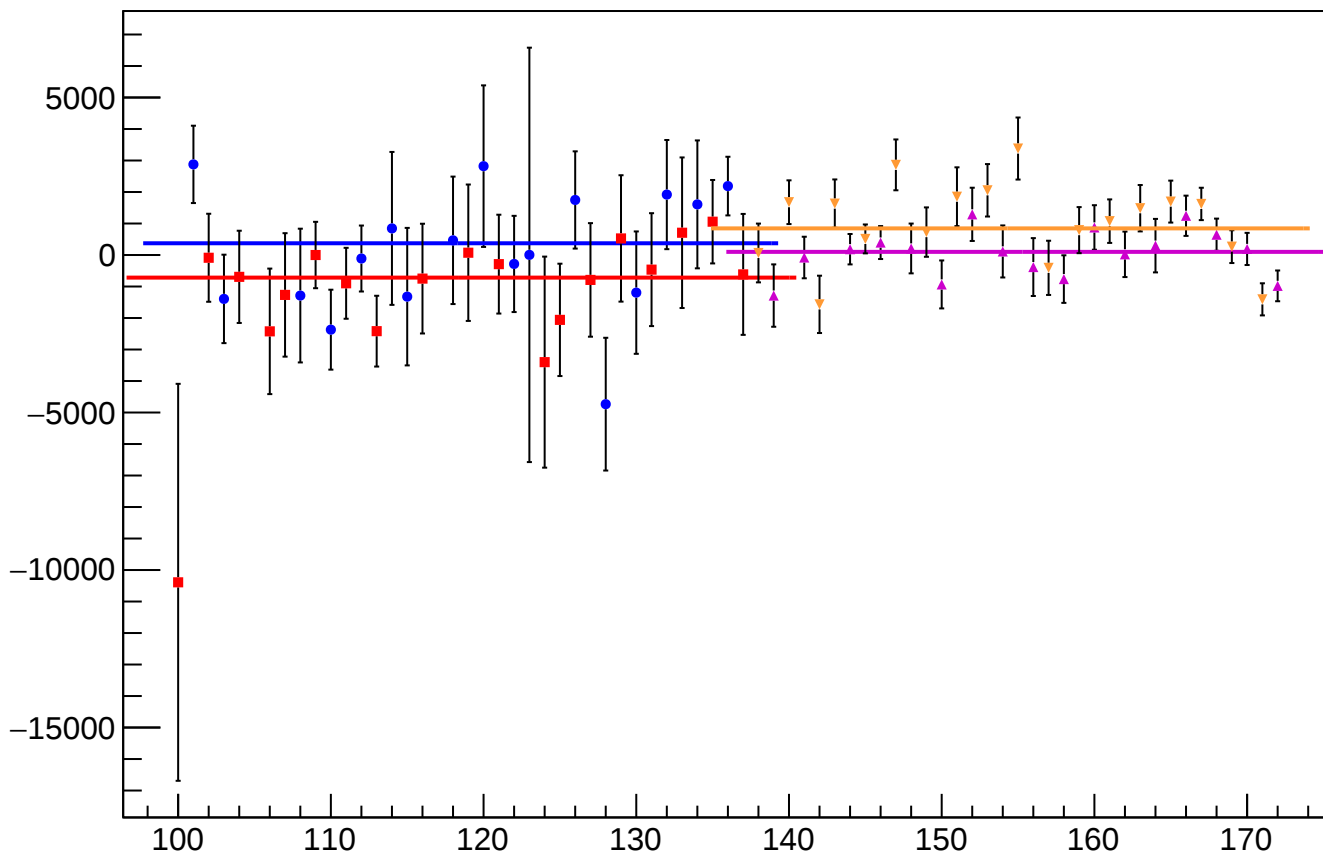
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 619.541 $\pm$ 0.103 χ^2 /NDF: 4011240.1/33

Out: 632.551 $\pm$ 0.104 χ^2 /NDF: 4103894.4/36

All: 626.023 $\pm$ 0.073 χ^2 /NDF: 8123018.2/70

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 845.163 $\pm$ 161.326 χ^2 /NDF:54.6/17

Right Out: -717.404 $\pm$ -371.769 χ^2 /NDF: 10.1/18

Left In: 99.869 $\pm$ -158.057 χ^2 /NDF:18.4/16

Left: 464.889 $\pm$ -112.901 χ^2 /NDF: 83.9/34

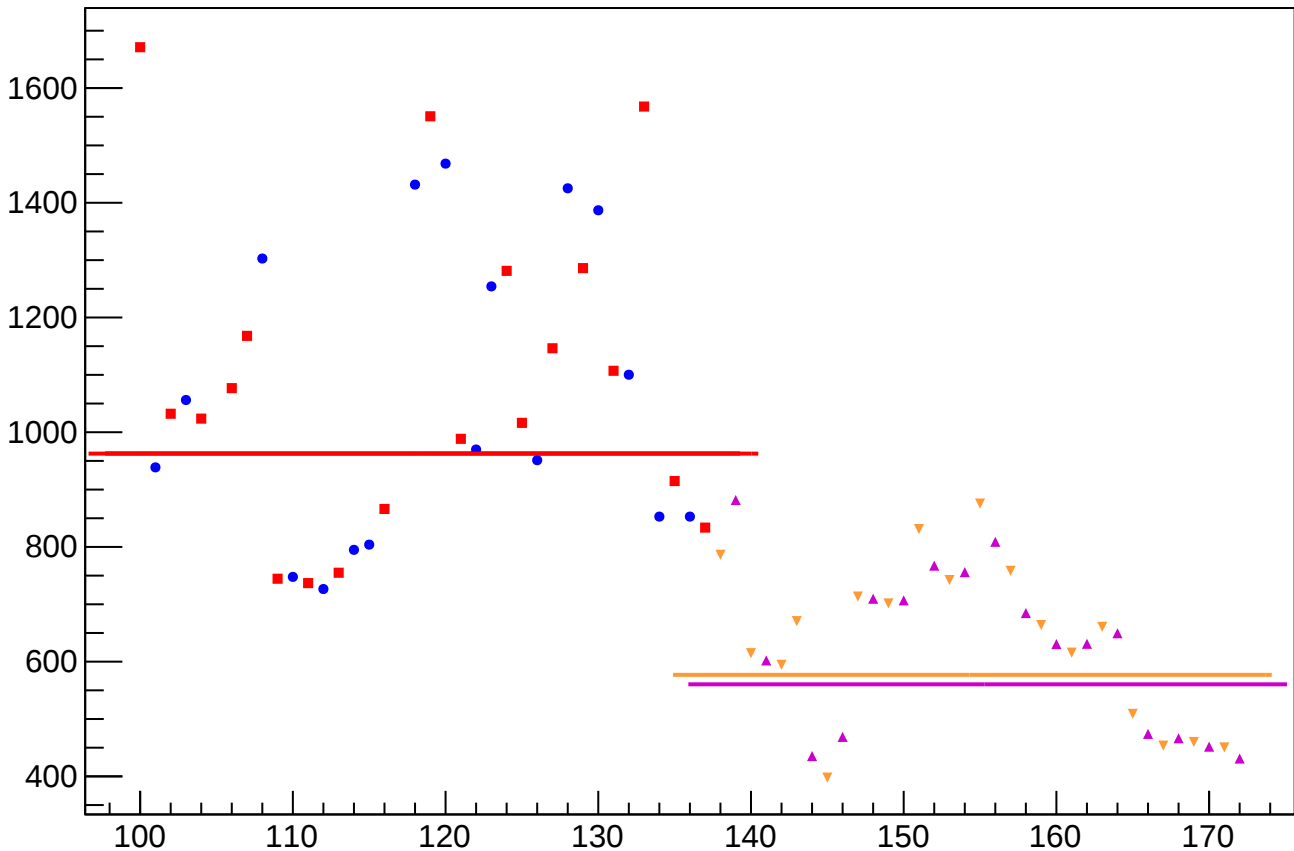
Right: -189.414 $\pm$ -266.986 χ^2 /NDF: 39.6/35

In: 139.483 $\pm$ -146.141 χ^2 /NDF:44.1/33

Out: 597.550 $\pm$ -147.993 χ^2 /NDF:79.6/36

All: 365.634 $\pm$ -103.986 χ^2 /NDF: 128.5/70

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 577.006+/-0.114 χ^2/NDF : 1470954.6/17

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 560.474+/-0.112 χ^2/NDF : 1388696.6/16

Left: 568.571+/-0.080 χ^2/NDF : 2870366.9/34

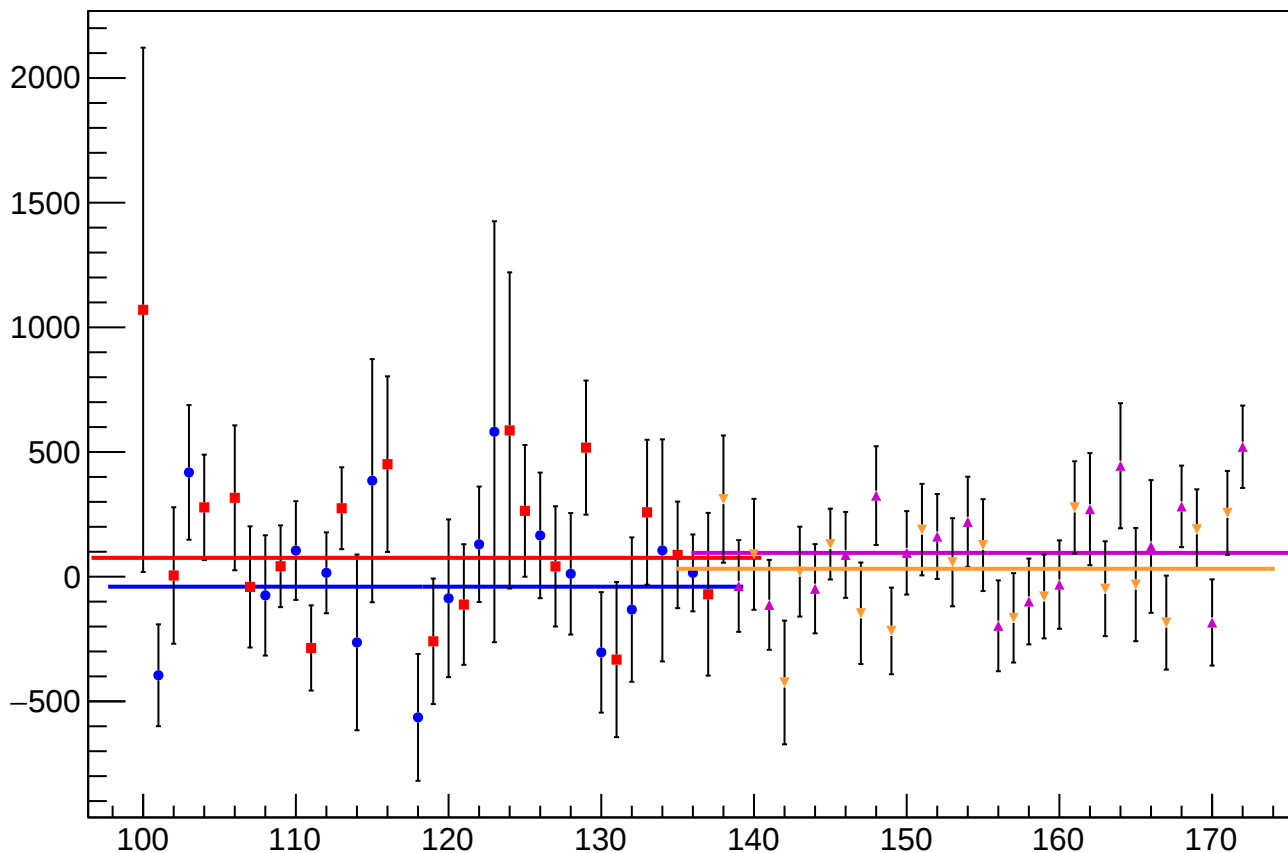
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 618.874+/-0.103 χ^2/NDF : 3938029.3/33

Out: 638.124+/-0.105 χ^2/NDF : 3978789.2/36

All: 628.378+/-0.074 χ^2/NDF : 7933950.2/70

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 31.771 ± 43.611 $\chi^2/\text{NDF}: 16.7/17$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 95.437 ± 44.526 $\chi^2/\text{NDF}: 21.9/16$

Left: 62.943 ± 31.156 $\chi^2/\text{NDF}: 39.7/34$

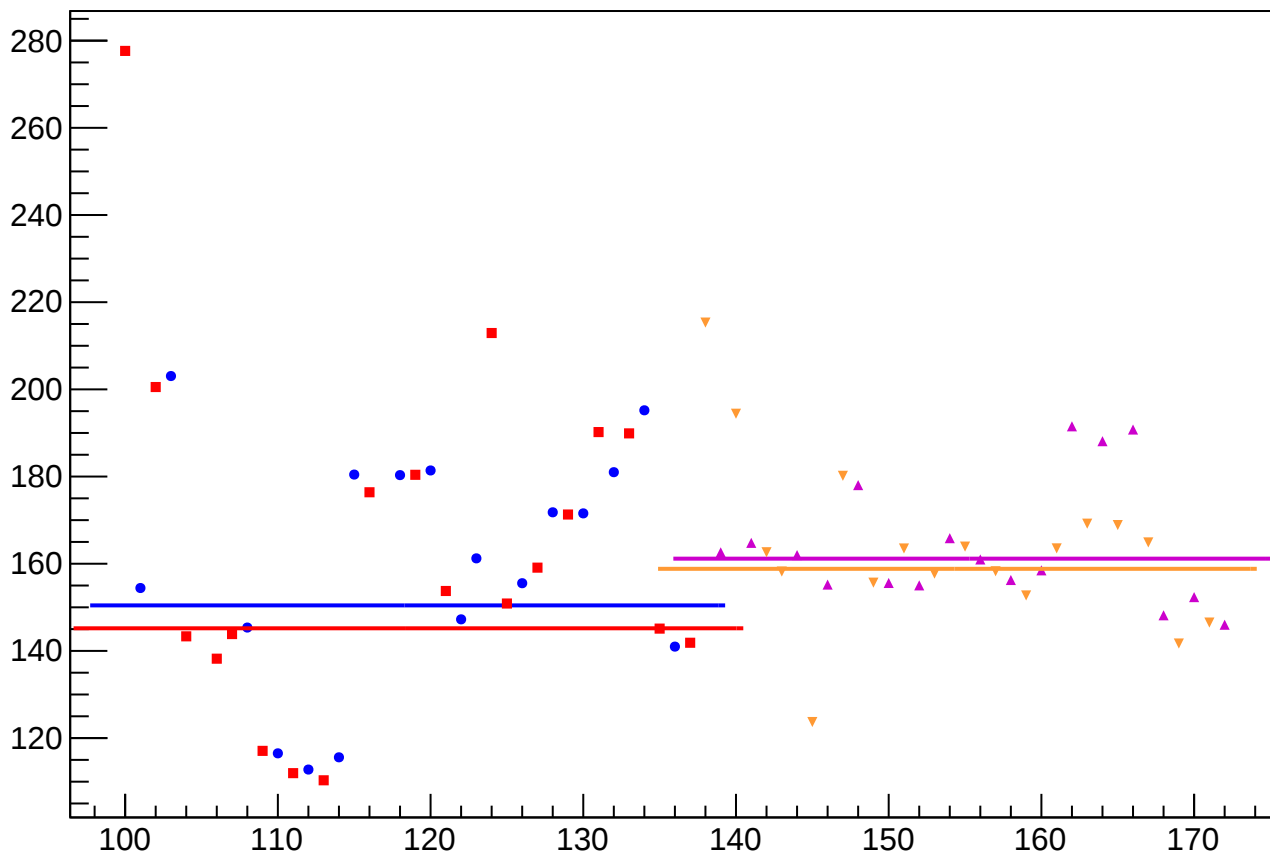
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 46.518 ± 35.596 $\chi^2/\text{NDF}: 40.6/33$

Out: 48.179 ± 34.462 $\chi^2/\text{NDF}: 35.6/36$

All: 47.376 ± 24.759 $\chi^2/\text{NDF}: 76.2/70$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 158.832 $\pm$ 0.031 χ^2 /NDF: 347196.3/17

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.164 $\pm$ 0.031 χ^2 /NDF: 145098.4/16

Left: 159.974 $\pm$ 0.022 χ^2 /NDF: 495093.5/34

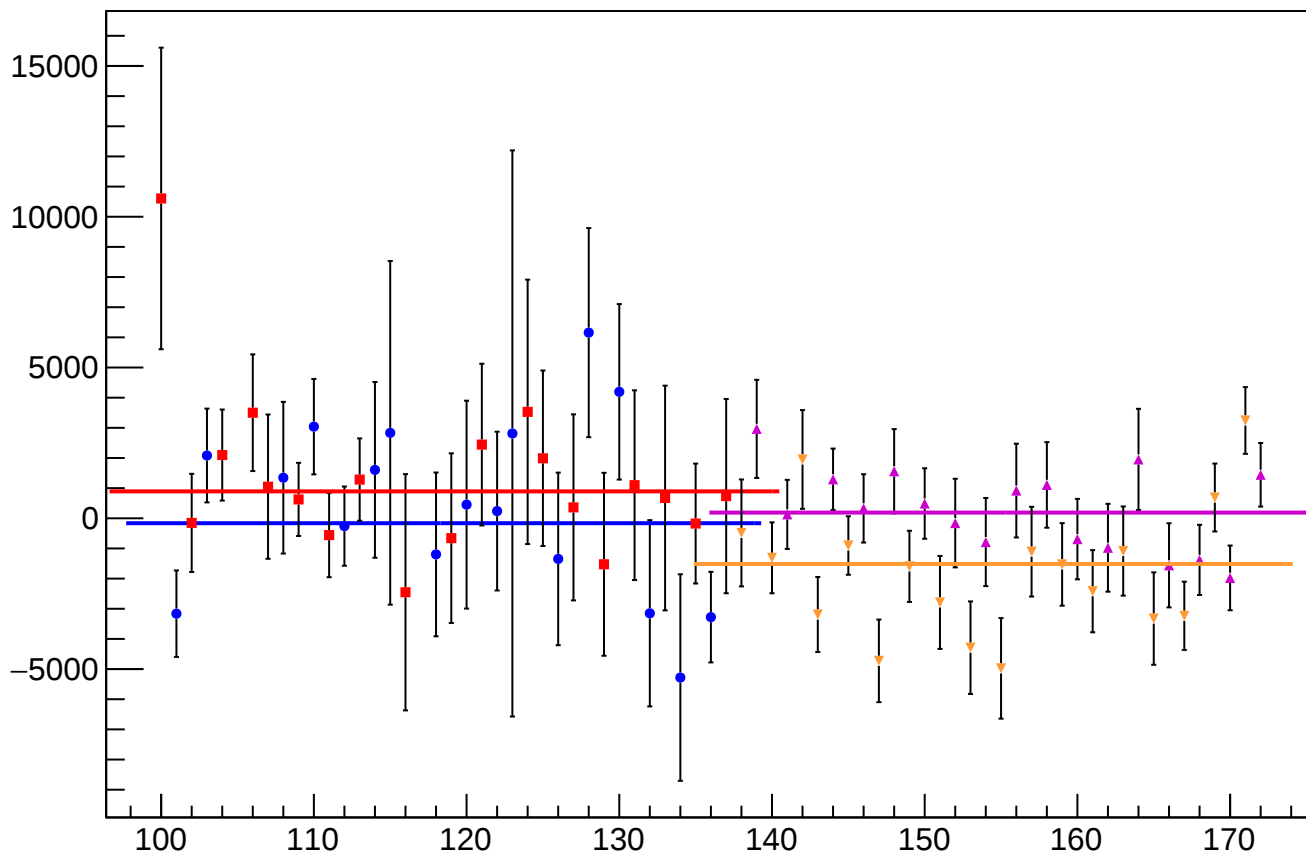
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.295 $\pm$ 0.025 χ^2 /NDF: 587072.0/33

Out: 153.708 $\pm$ 0.024 χ^2 /NDF: 956428.7/36

All: 155.443 $\pm$ 0.018 χ^2 /NDF: 1553983.8/70

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1513.930 $\pm$ 310.431 χ^2 /NDF: 47.5/17

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 190.040 $\pm$ 310.387 χ^2 /NDF: 17.3/16

Left: -661.826 $\pm$ 219.492 χ^2 /NDF: 79.9/34

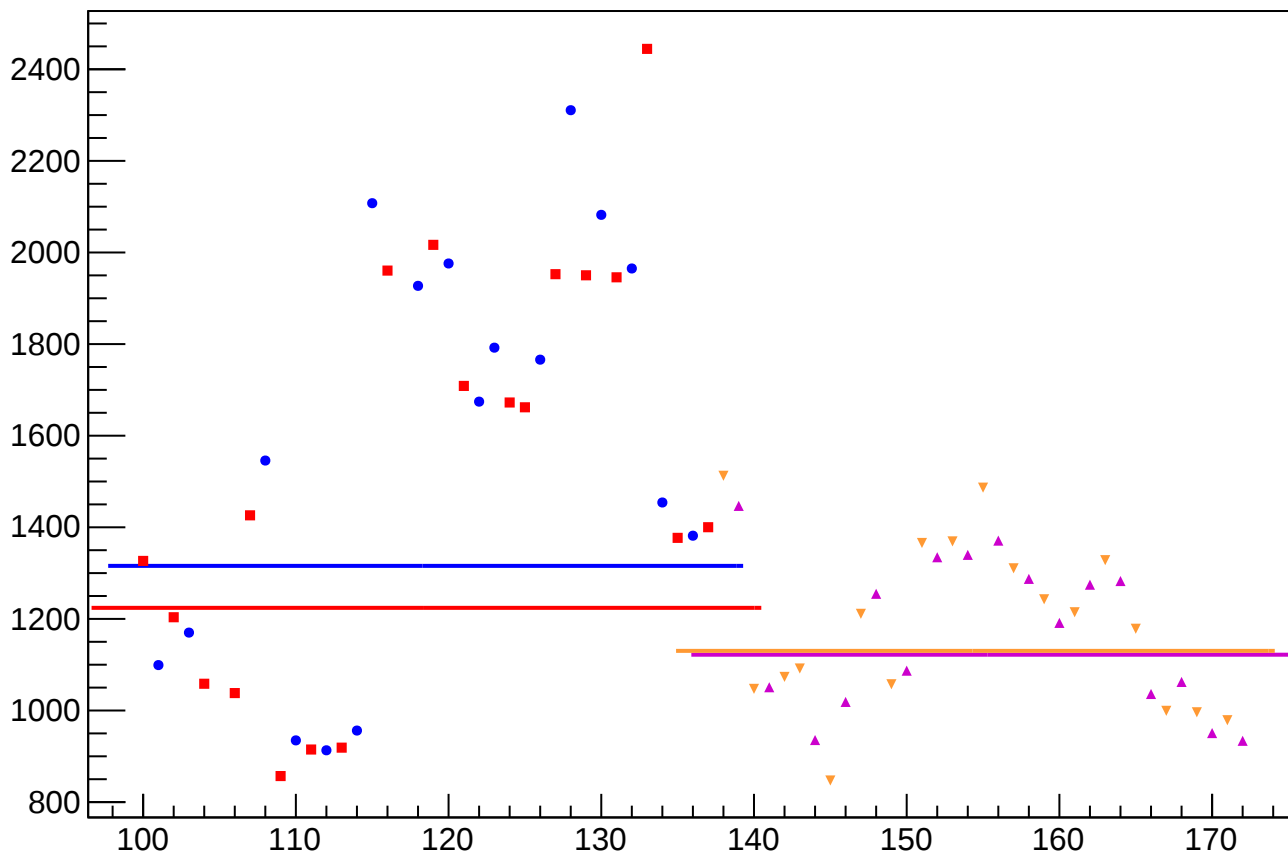
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 100.726 $\pm$ 268.243 χ^2 /NDF: 42.7/33

Out: -813.000 $\pm$ 261.353 χ^2 /NDF: 75.7/36

All: -368.022 $\pm$ 187.193 χ^2 /NDF: 124.4/70

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1130.230+/-0.220 χ^2/NDF : 659878.3/17

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1121.826+/-0.219 χ^2/NDF : 528968.4/16

Left: 1126.027+/-0.155 χ^2/NDF : 1189579.8/34

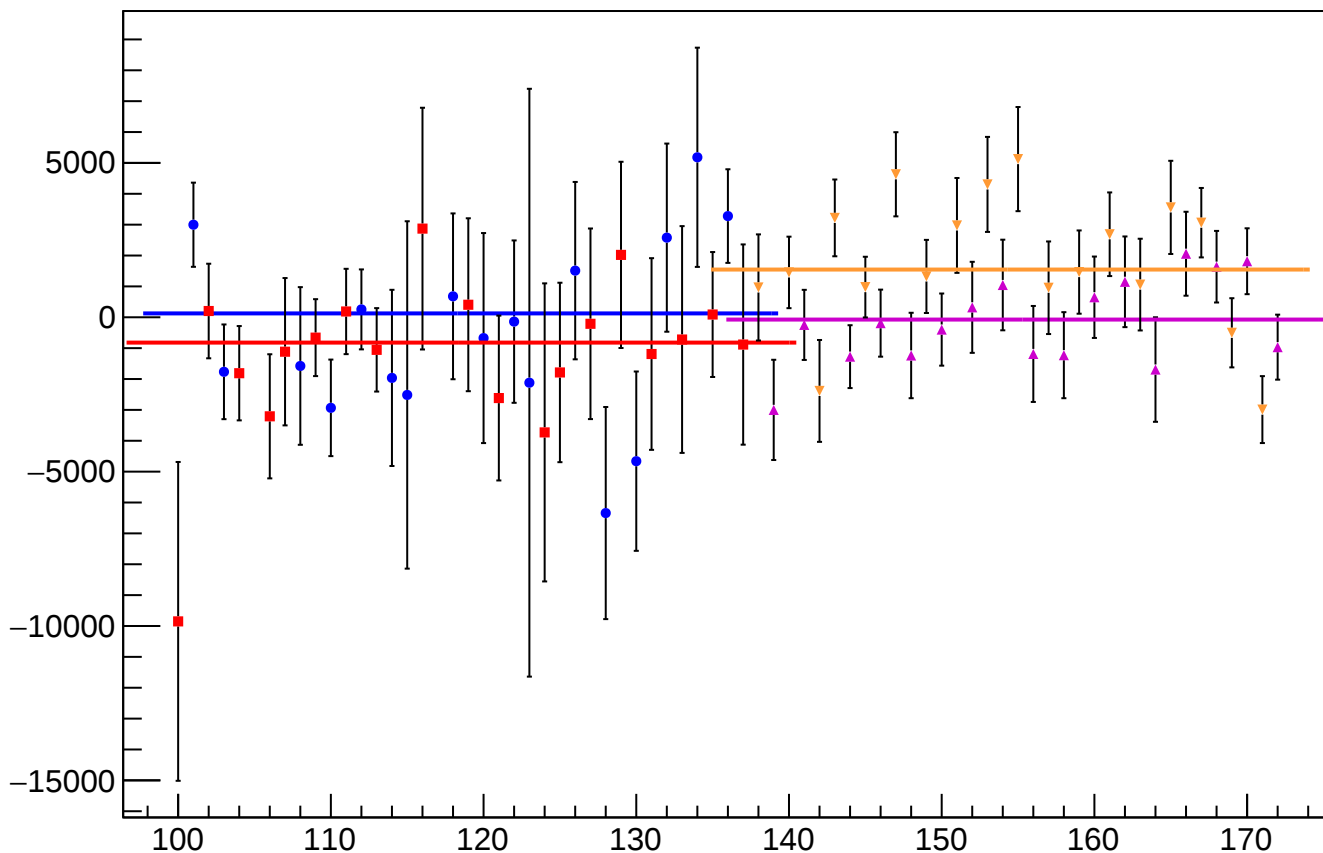
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1170.921+/-0.190 χ^2/NDF : 1845000.1/33

Out: 1157.579+/-0.185 χ^2/NDF : 2077089.3/36

All: 1164.077+/-0.132 χ^2/NDF : 3924627.8/70

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1545.894 $\pm$ 309.304 χ^2 /NDF: 47.1/17

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -74.250 $\pm$ 308.165 χ^2 /NDF: 17.7/16

Left: 732.833 $\pm$ 218.307 χ^2 /NDF: 78.6/34

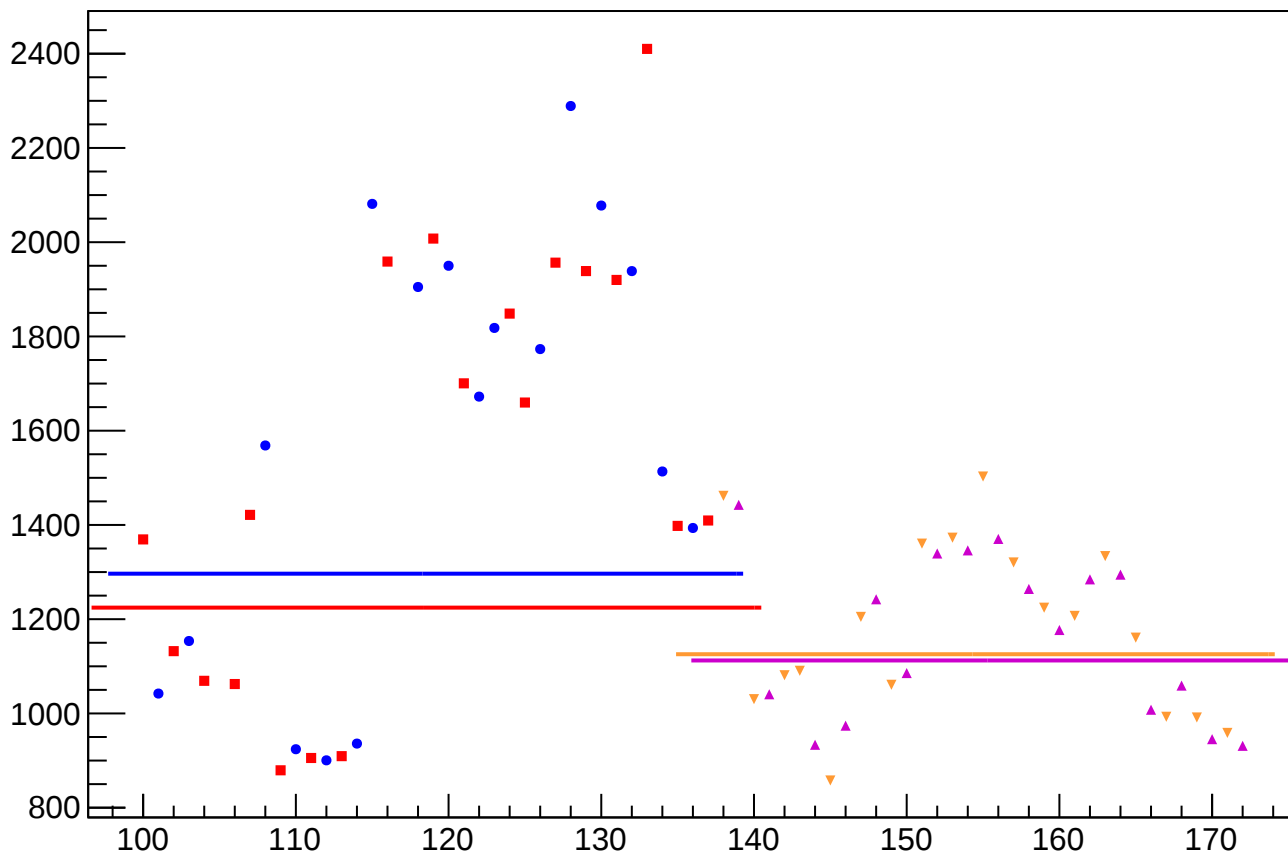
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -23.355 $\pm$ 265.996 χ^2 /NDF: 42.5/33

Out: 861.113 $\pm$ 260.732 χ^2 /NDF: 73.1/36

All: 427.717 $\pm$ 186.199 χ^2 /NDF: 121.3/70

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1125.666 $\pm$ 0.219 χ^2 /NDF: 648777.8/17

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1112.423 $\pm$ 0.218 χ^2 /NDF: 560202.4/16

Left: 1119.020 $\pm$ 0.154 χ^2 /NDF: 1210820.1/34

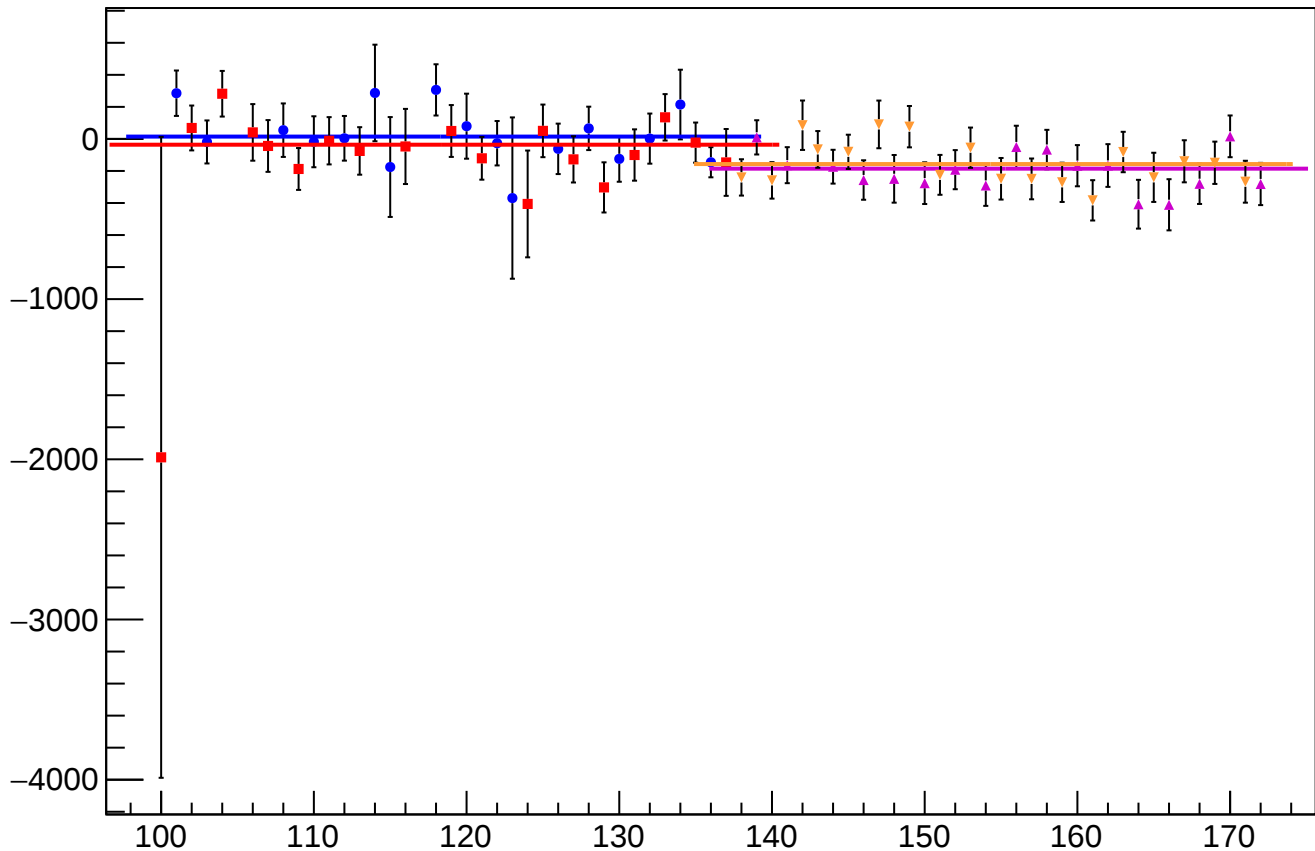
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1159.372 $\pm$ 0.188 χ^2 /NDF: 1917749.2/33

Out: 1154.288 $\pm$ 0.184 χ^2 /NDF: 2056224.5/36

All: 1156.779 $\pm$ 0.132 χ^2 /NDF: 3974346.5/70

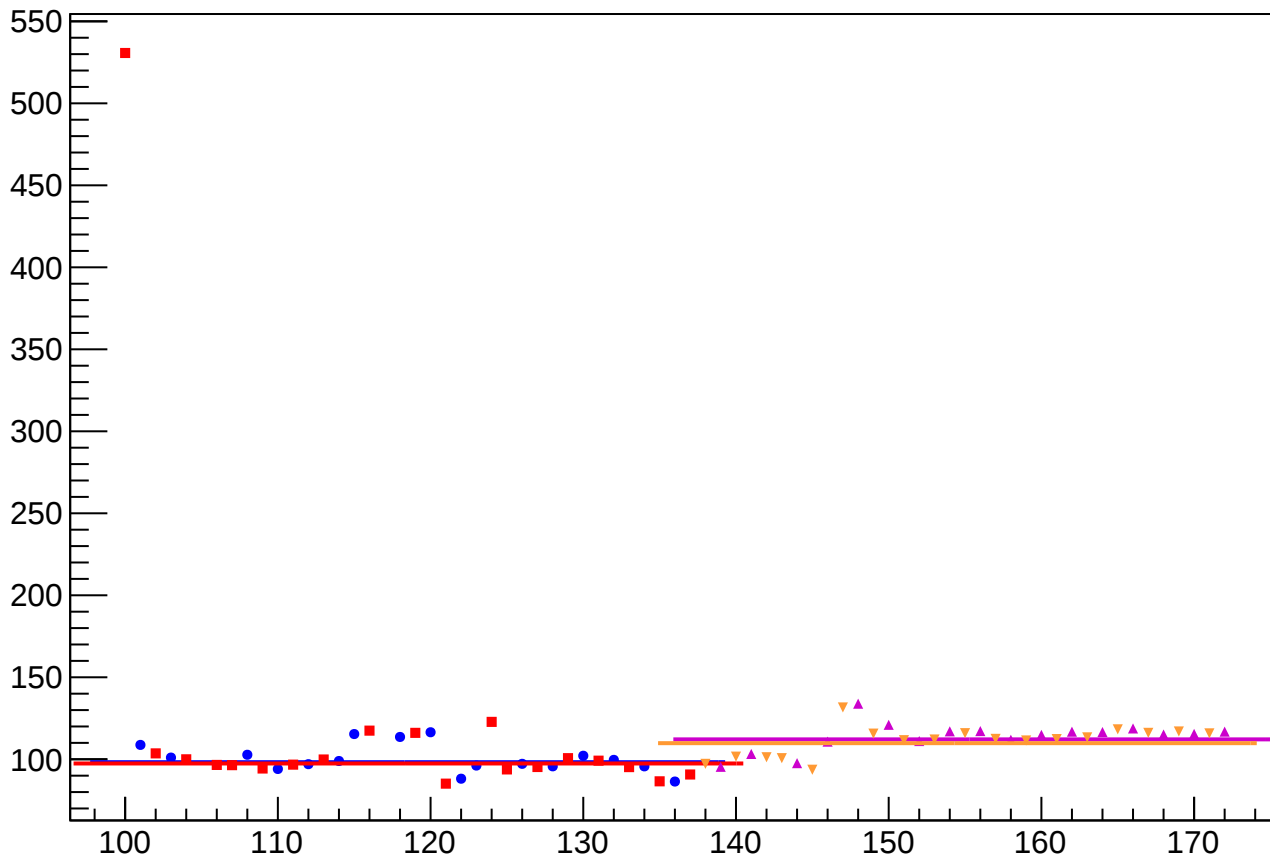
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -156.930 ± 29.833 $\chi^2/\text{NDF}: 18.5/17$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -185.712 ± 30.765 $\chi^2/\text{NDF}: 14.7/16$

Left: -170.878 ± 21.417 $\chi^2/\text{NDF}: 33.6/34$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -106.452 ± 23.915 $\chi^2/\text{NDF}: 45.7/33$
 Out: -108.902 ± 23.155 $\chi^2/\text{NDF}: 40.4/36$
 All: -107.717 ± 16.635 $\chi^2/\text{NDF}: 86.1/70$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 109.818+/-0.021 χ^2/NDF : 176651.0/17

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 112.134+/-0.022 χ^2/NDF : 171229.8/16

Left: 110.940+/-0.015 χ^2/NDF : 353723.2/34

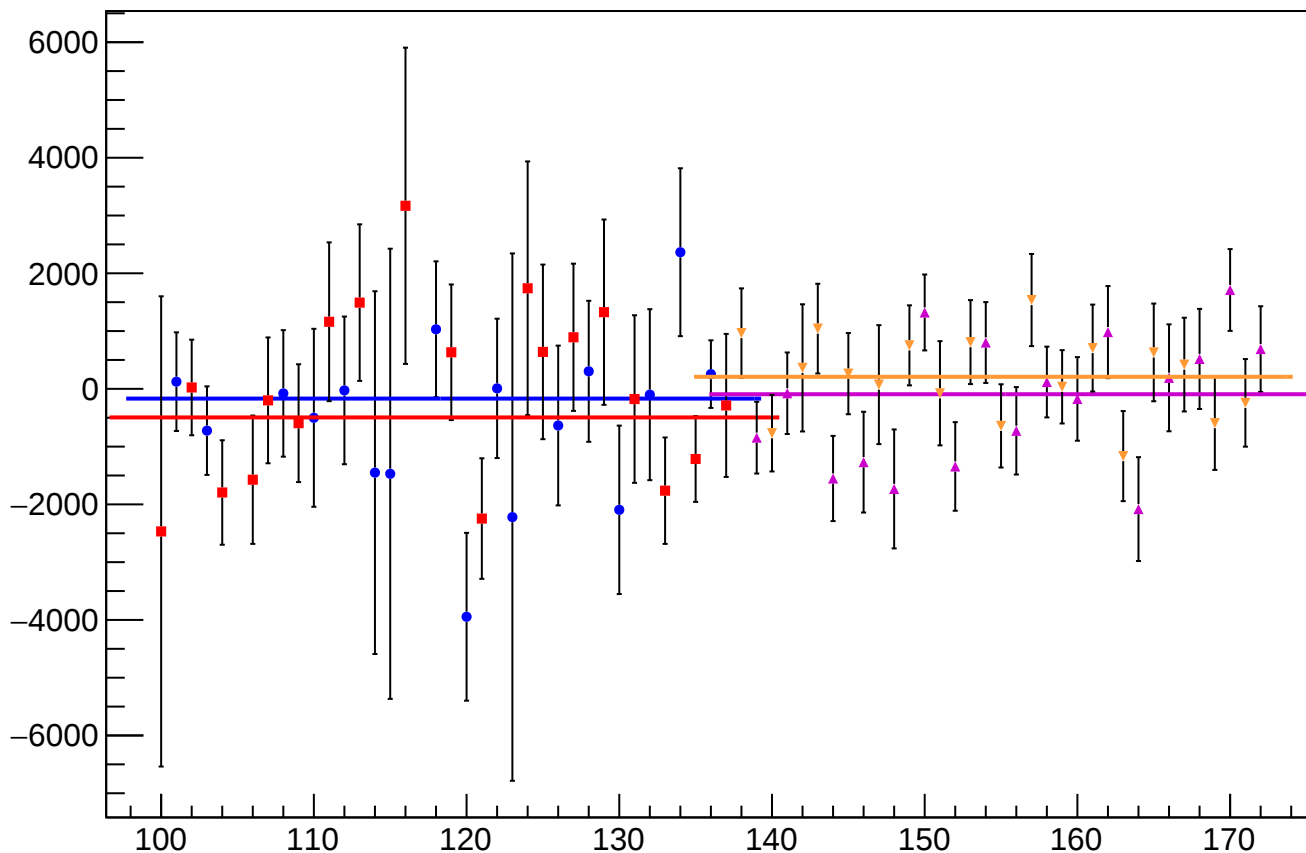
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 106.627+/-0.017 χ^2/NDF : 433653.3/33

Out: 104.895+/-0.016 χ^2/NDF : 503684.7/36

All: 105.733+/-0.012 χ^2/NDF : 942754.9/70

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 208.250 ± 182.013 $\chi^2/\text{NDF}: 15.2/17$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -93.341 ± 181.944 $\chi^2/\text{NDF}: 34.4/16$

Left: 57.397 ± 128.678 $\chi^2/\text{NDF}: 50.9/34$

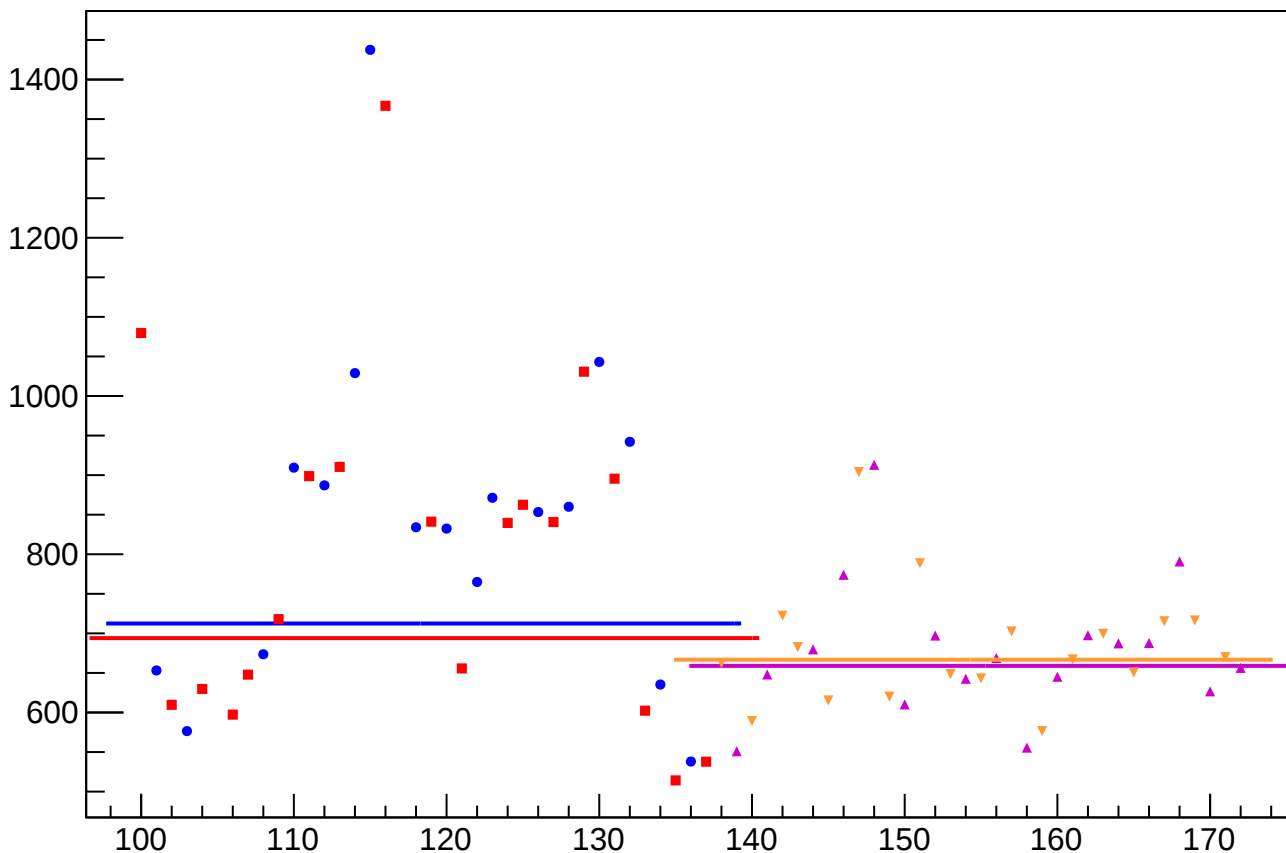
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -115.501 ± 152.913 $\chi^2/\text{NDF}: 49.0/33$

Out: -14.340 ± 150.470 $\chi^2/\text{NDF}: 39.7/36$

All: -64.106 ± 107.252 $\chi^2/\text{NDF}: 89.0/70$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 666.698 $\pm$ 0.129 χ^2 /NDF: 262706.8/17

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 658.918 $\pm$ 0.129 χ^2 /NDF: 353508.1/16

Left: 662.806 $\pm$ 0.091 χ^2 /NDF: 618042.8/34

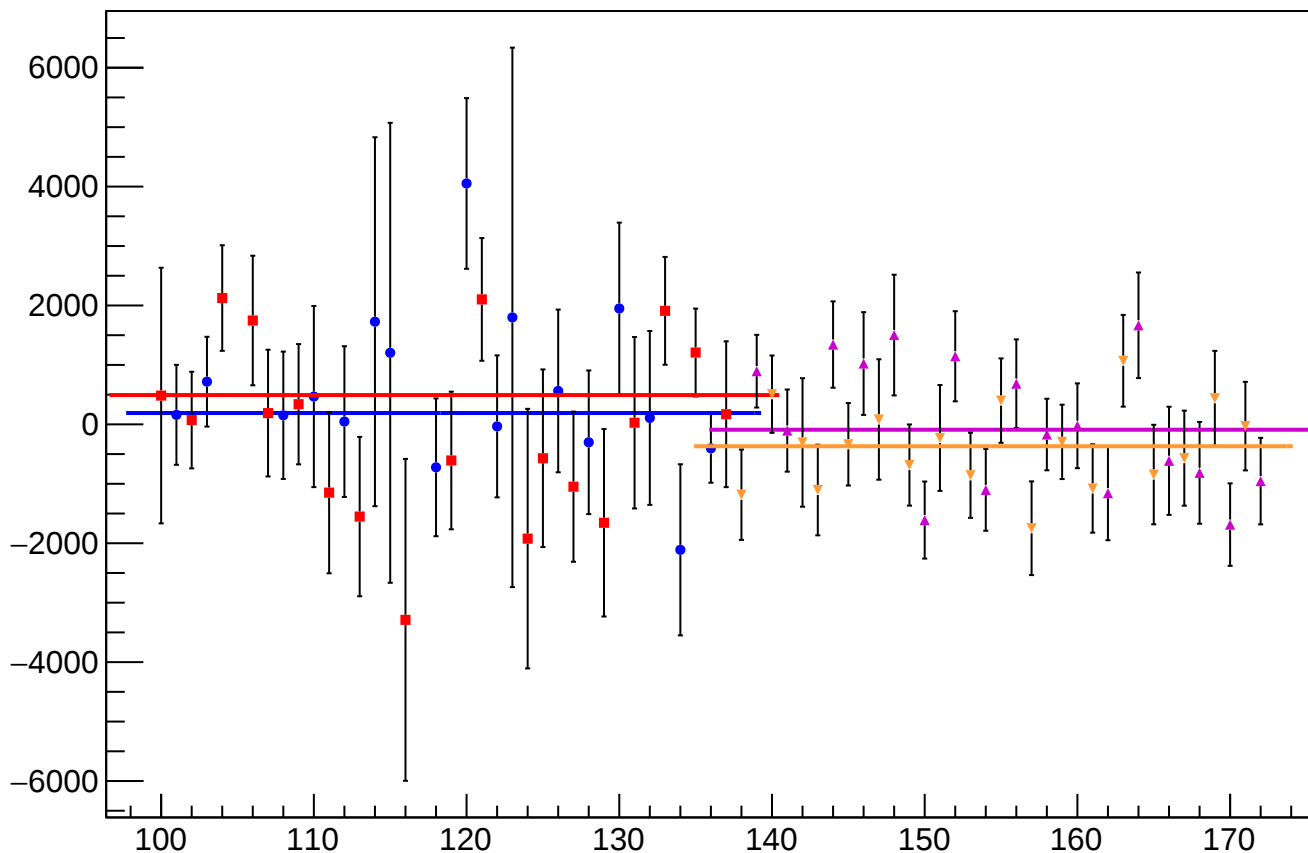
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 674.645 $\pm$ 0.108 χ^2 /NDF: 1064921.0/33

Out: 675.346 $\pm$ 0.106 χ^2 /NDF: 951957.3/36

All: 675.001 $\pm$ 0.076 χ^2 /NDF: 2016899.5/70

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -367.894 $\pm$ 179.360 χ^2 /NDF:15.1/17

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -90.316 $\pm$ 179.219 χ^2 /NDF:35.5/16

Left: -228.996 $\pm$ 126.777 χ^2 /NDF: 51.8/34

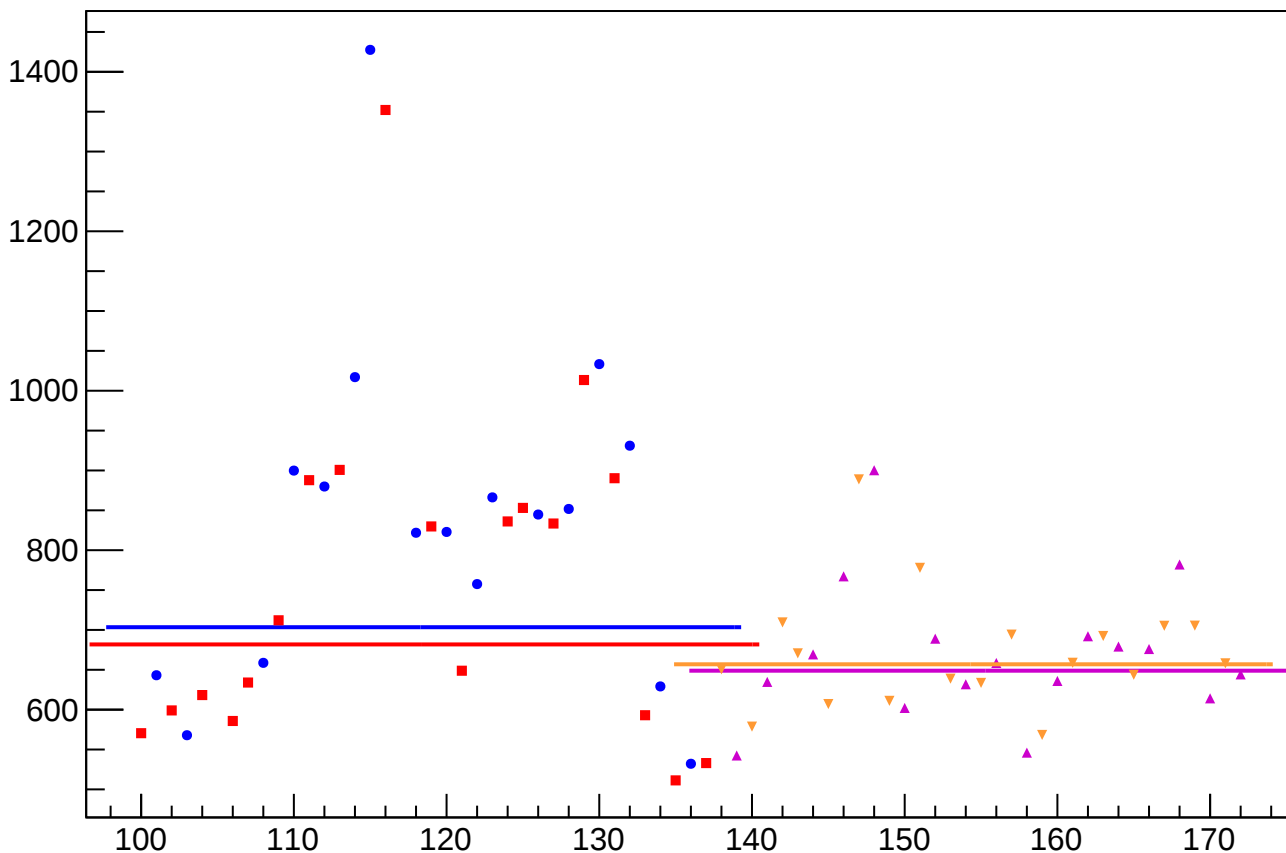
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: -8.041 $\pm$ 150.737 χ^2 /NDF:50.4/33

Out: -94.213 $\pm$ 148.118 χ^2 /NDF:45.1/36

All: -51.882 $\pm$ 105.649 χ^2 /NDF: 95.8/70

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.891 $\pm$ 0.127 χ^2 /NDF: 262991.7/17

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 648.864 $\pm$ 0.127 χ^2 /NDF: 363013.4/16

Left: 652.874 $\pm$ 0.090 χ^2 /NDF: 628009.8/34

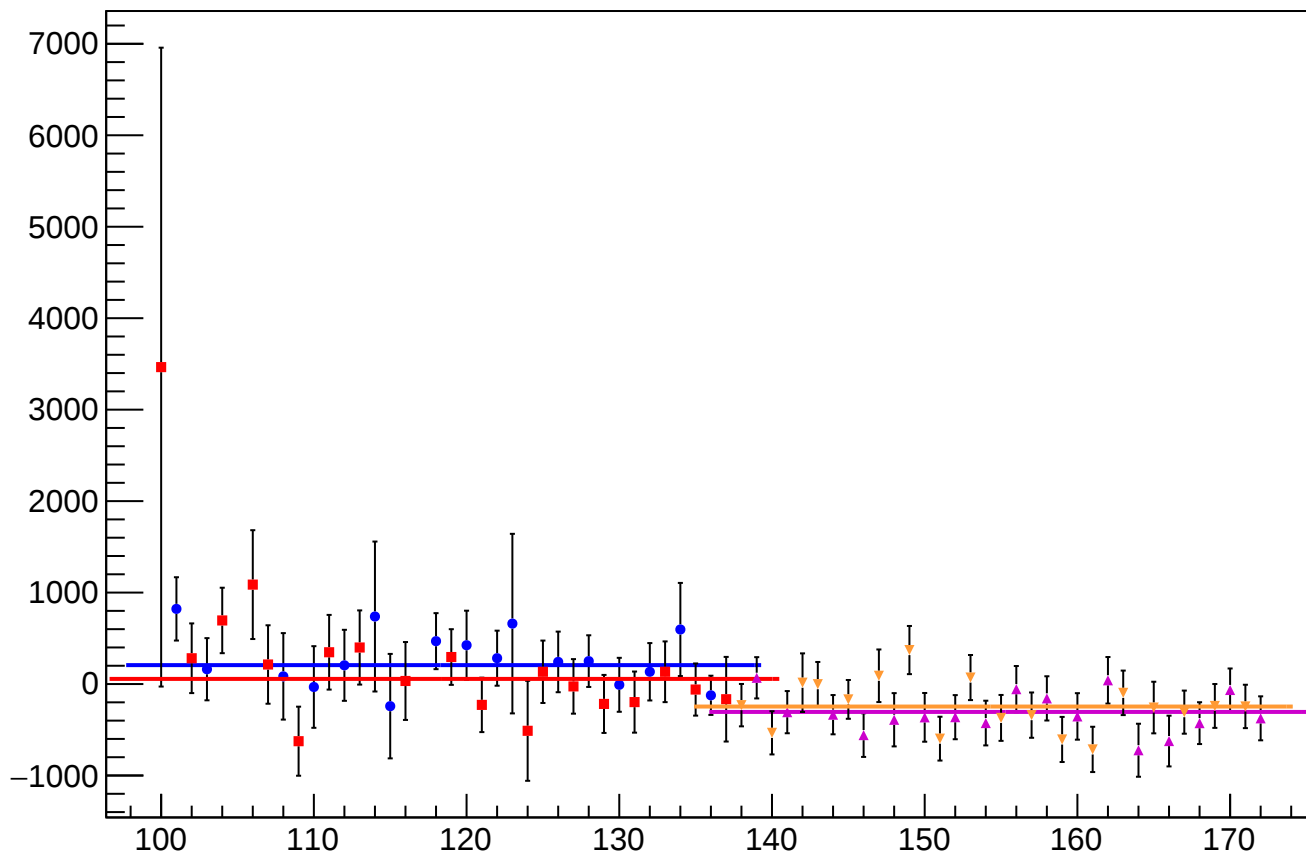
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 664.822 $\pm$ 0.107 χ^2 /NDF: 1084098.2/33

Out: 664.815 $\pm$ 0.105 χ^2 /NDF: 940063.9/36

All: 664.818 $\pm$ 0.075 χ^2 /NDF: 2024162.1/70

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -246.013 $\pm$ 58.375 χ^2 /NDF:20.5/17

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -304.910 $\pm$ 59.699 χ^2 /NDF:12.4/16

Left: -274.801 $\pm$ 41.738 χ^2 /NDF: 33.4/34

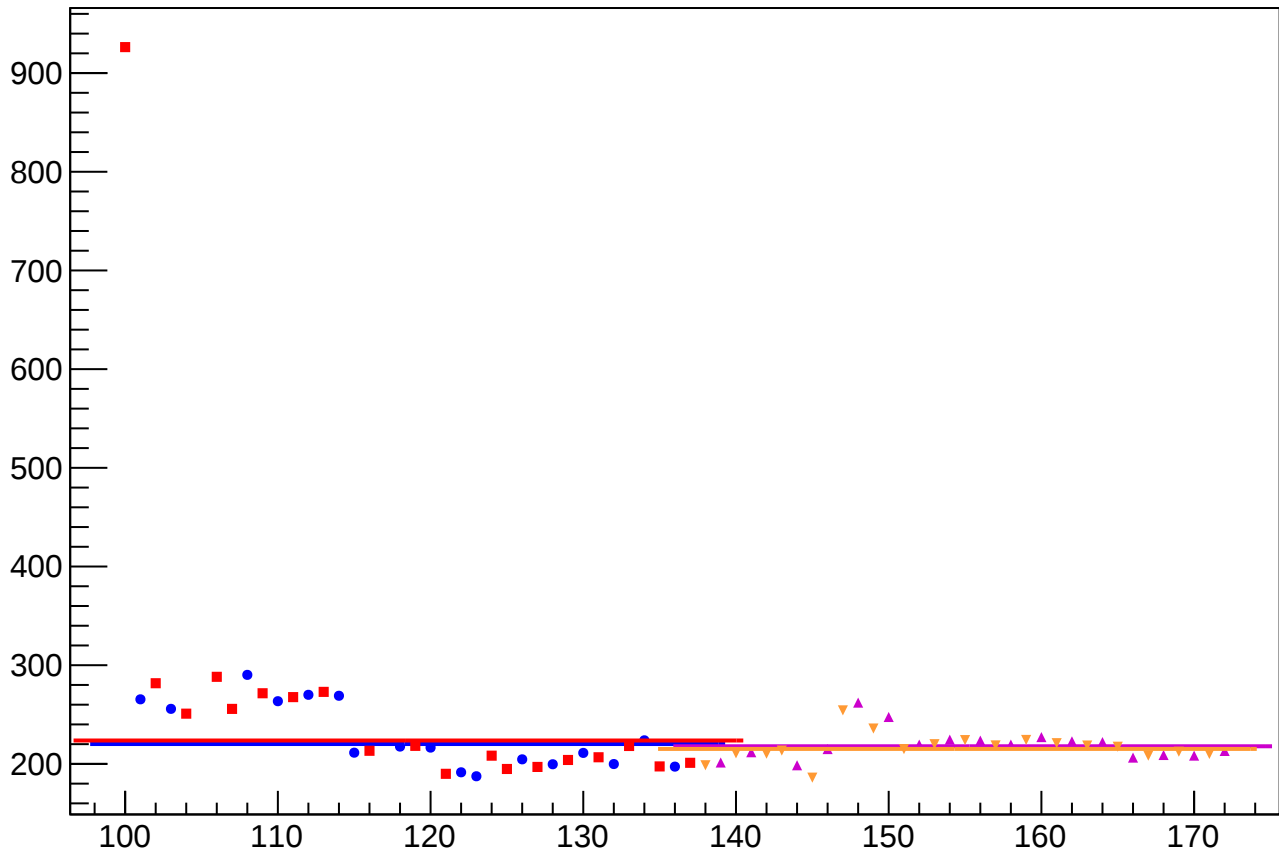
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -137.523 $\pm$ 48.972 χ^2 /NDF:45.9/33

Out: -149.411 $\pm$ 48.150 χ^2 /NDF:45.7/36

All: -143.568 $\pm$ 34.334 χ^2 /NDF: 91.6/70

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 215.180 $\pm$ 0.041 χ^2 /NDF: 109294.8/17

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.853 $\pm$ 0.042 χ^2 /NDF: 116433.3/16

Left: 216.487 $\pm$ 0.030 χ^2 /NDF: 227778.7/34

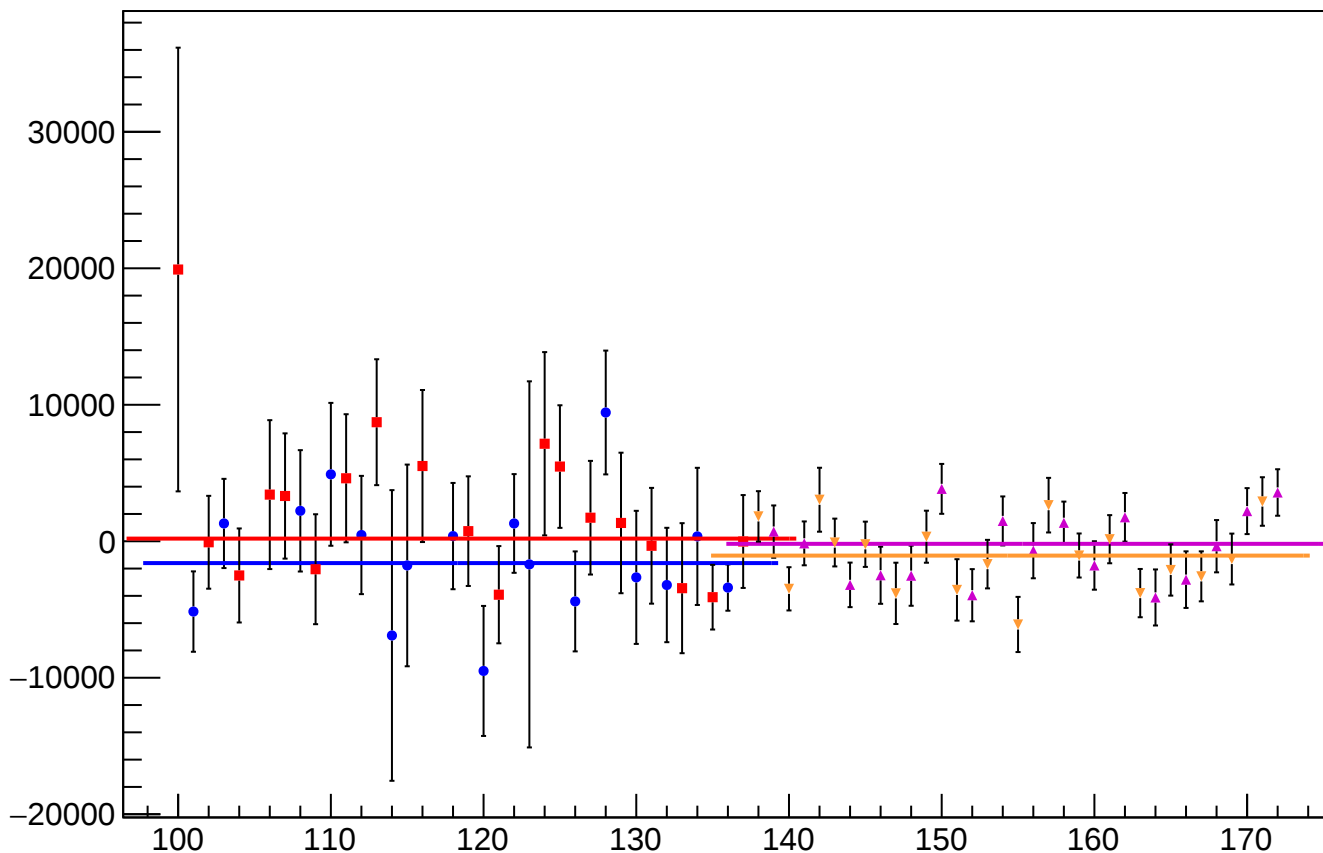
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.599 $\pm$ 0.035 χ^2 /NDF: 345830.9/33

Out: 217.905 $\pm$ 0.034 χ^2 /NDF: 476173.1/36

All: 218.246 $\pm$ 0.024 χ^2 /NDF: 822208.2/70

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 χ^2/NDF : 16.6/16

Left Out: -1050.368 ± 436.182 χ^2/NDF : 30.3/17

Right Out: 194.970 ± 947.480 χ^2/NDF : 16.3/18

Left In: -188.754 ± 443.511 χ^2/NDF : 30.8/16

Left: -626.739 ± 310.986 χ^2/NDF : 63.0/34

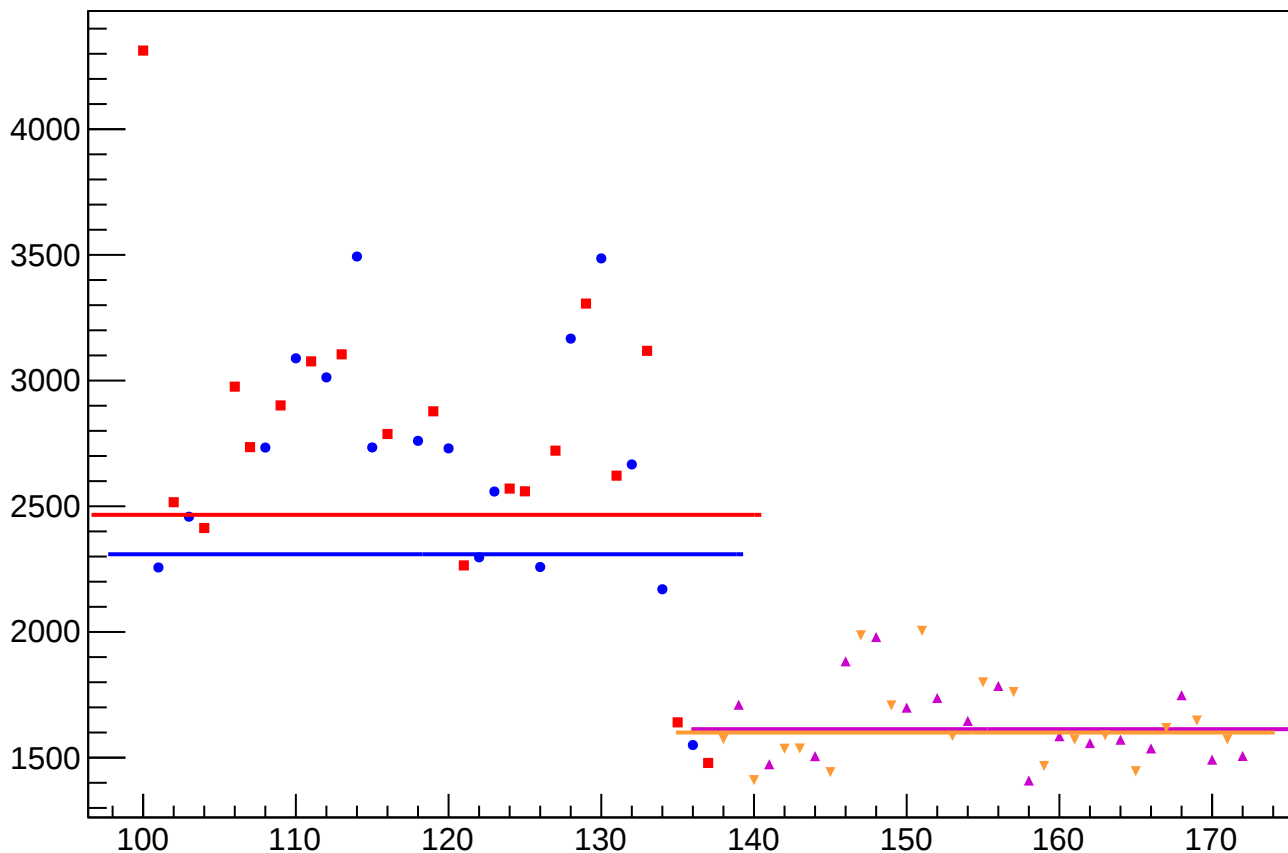
Right: -727.416 ± 660.424 χ^2/NDF : 34.8/35

In: -454.210 ± 399.596 χ^2/NDF : 49.3/33

Out: -832.595 ± 396.213 χ^2/NDF : 48.0/36

All: -645.011 ± 281.353 χ^2/NDF : 97.8/70

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1600.140+/-0.308 χ^2/NDF : 243798.5/17

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1613.249+/-0.314 χ^2/NDF : 214194.1/16

Left: 1606.585+/-0.220 χ^2/NDF : 458880.7/34

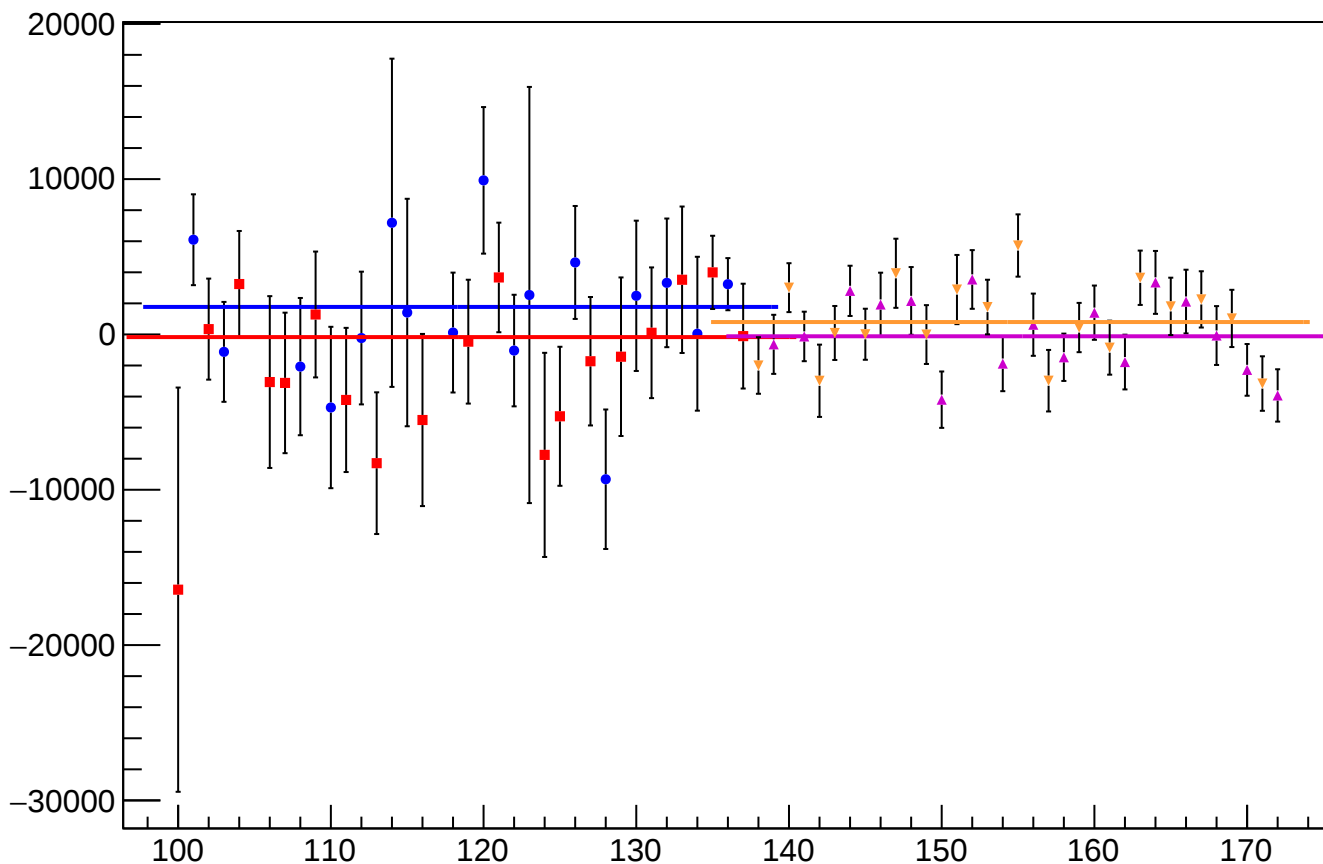
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1744.234+/-0.283 χ^2/NDF : 1941703.9/33

Out: 1751.536+/-0.280 χ^2/NDF : 2315749.1/36

All: 1747.916+/-0.199 χ^2/NDF : 4257789.8/70

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 798.215+/-431.420 χ^2/NDF :30.1/17

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -118.696+/-438.304 χ^2/NDF :28.7/16

Left: 347.016+/-307.465 χ^2/NDF : 61.0/34

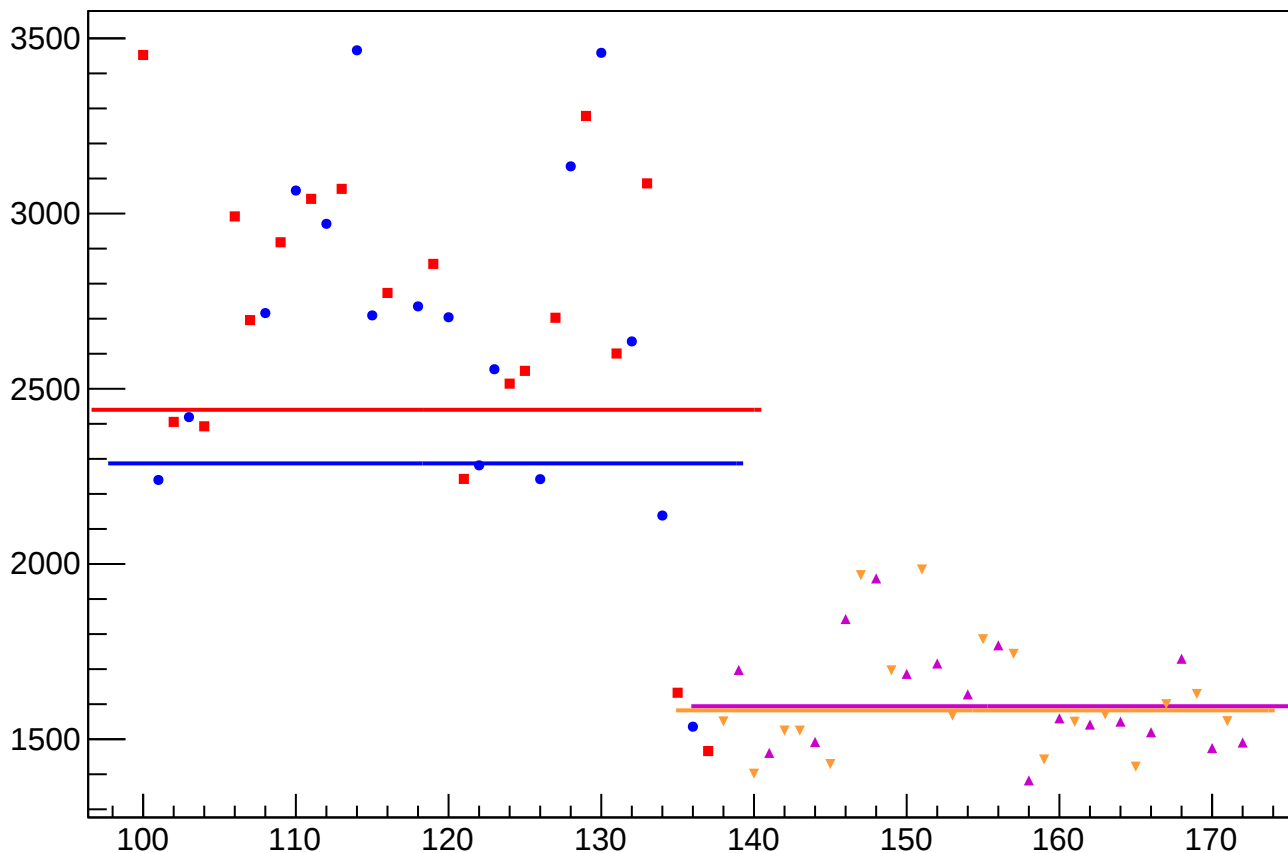
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 235.721+/-395.076 χ^2/NDF :49.5/33

Out: 628.827+/-391.907 χ^2/NDF :47.0/36

All: 433.857+/-278.234 χ^2/NDF : 97.0/70

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1582.348+/-0.305 χ^2/NDF : 247849.0/17

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1594.135+/-0.310 χ^2/NDF : 215418.3/16

Left: 1588.148+/-0.217 χ^2/NDF : 464002.0/34

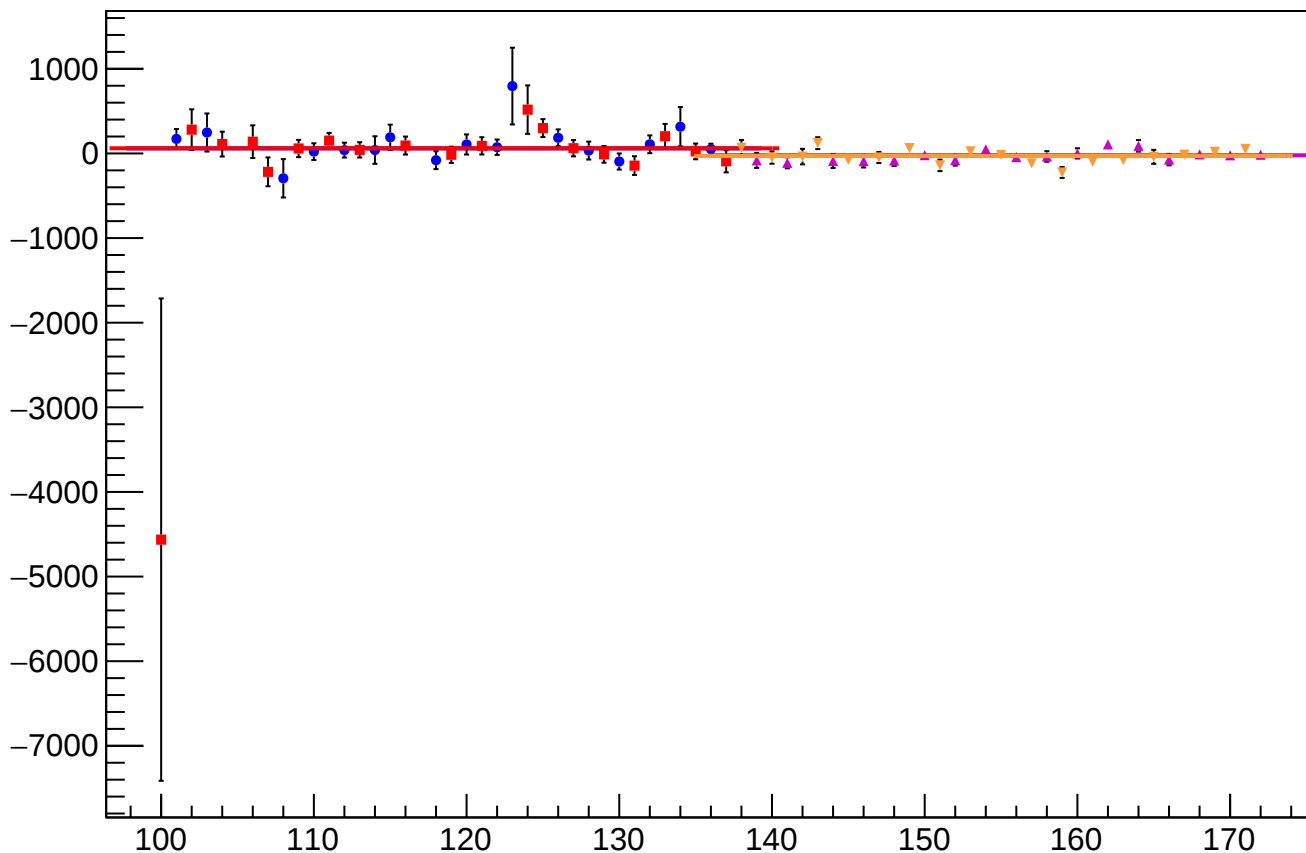
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1724.084+/-0.279 χ^2/NDF : 1952299.2/33

Out: 1732.265+/-0.277 χ^2/NDF : 2308700.1/36

All: 1728.207+/-0.197 χ^2/NDF : 4261431.6/70

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -30.556 $\pm$ 14.317 χ^2 /NDF:30.7/17

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -21.743 $\pm$ 14.613 χ^2 /NDF:15.9/16

Left: -26.240 $\pm$ 10.227 χ^2 /NDF: 46.8/34

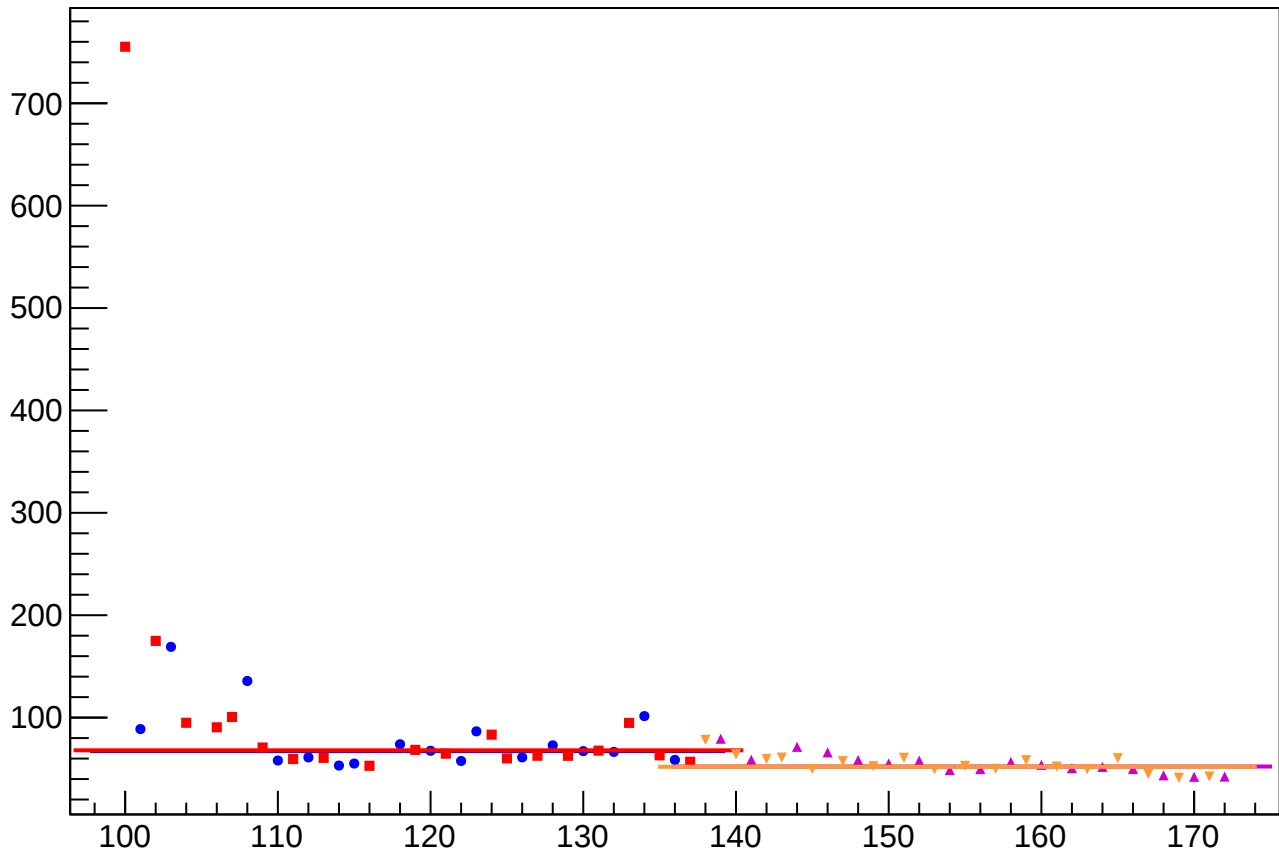
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -3.386 $\pm$ 12.860 χ^2 /NDF:38.3/33

Out: -10.478 $\pm$ 12.650 χ^2 /NDF:61.9/36

All: -6.990 $\pm$ 9.018 χ^2 /NDF: 100.4/70

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.977 $\pm$ 0.010 χ^2 /NDF: 590324.2/17

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 52.234 $\pm$ 0.010 χ^2 /NDF: 686749.3/16

Left: 52.103 $\pm$ 0.007 χ^2 /NDF: 1277389.6/34

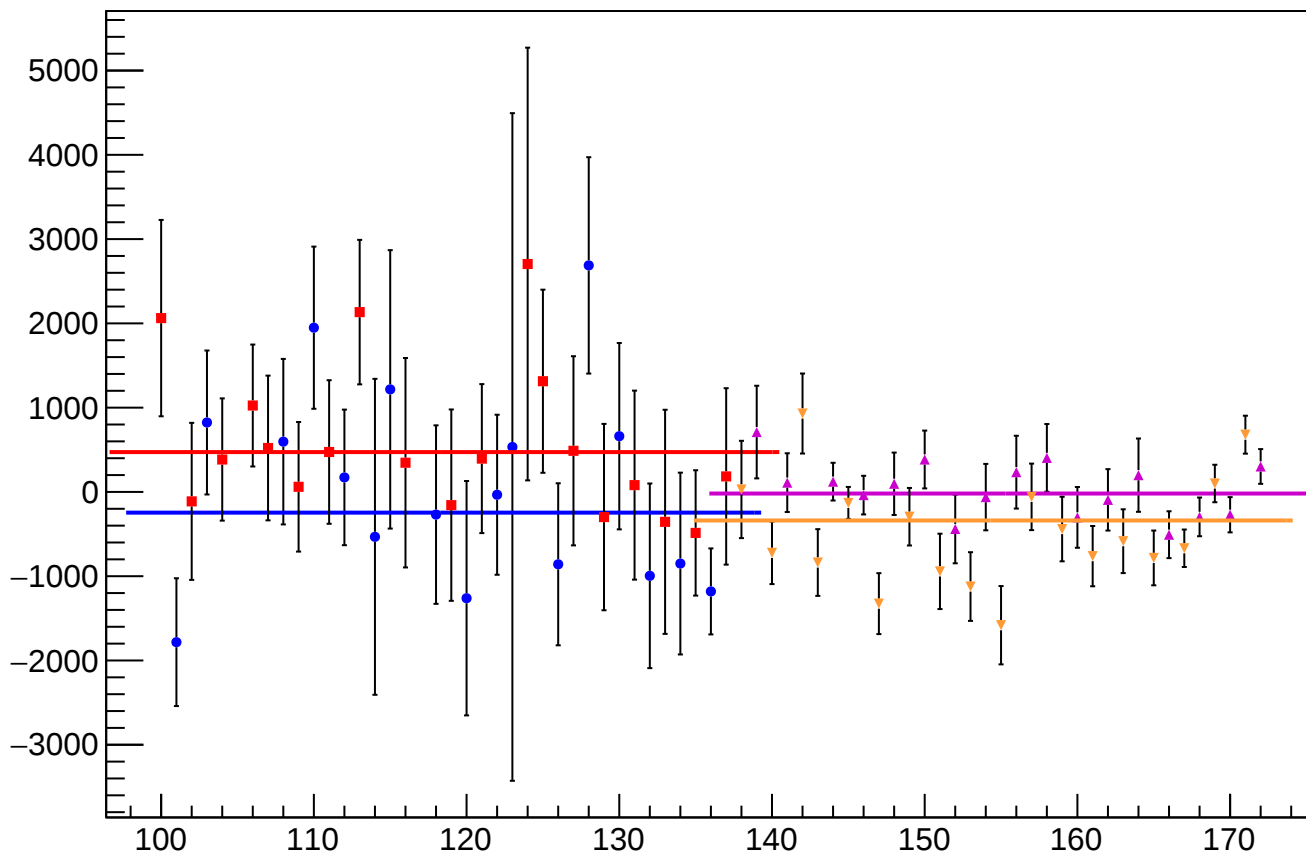
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 55.631 $\pm$ 0.009 χ^2 /NDF: 2007370.6/33

Out: 55.504 $\pm$ 0.009 χ^2 /NDF: 2014554.9/36

All: 55.567 $\pm$ 0.006 χ^2 /NDF: 4022023.8/70

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -338.519 ± 74.853 $\chi^2/\text{NDF}: 62.4/17$

Right Out: 472.860 ± 218.823 $\chi^2/\text{NDF}: 11.3/18$

Left In: -18.971 ± 72.702 $\chi^2/\text{NDF}: 15.7/16$

Left: -174.089 ± 52.152 $\chi^2/\text{NDF}: 87.4/34$

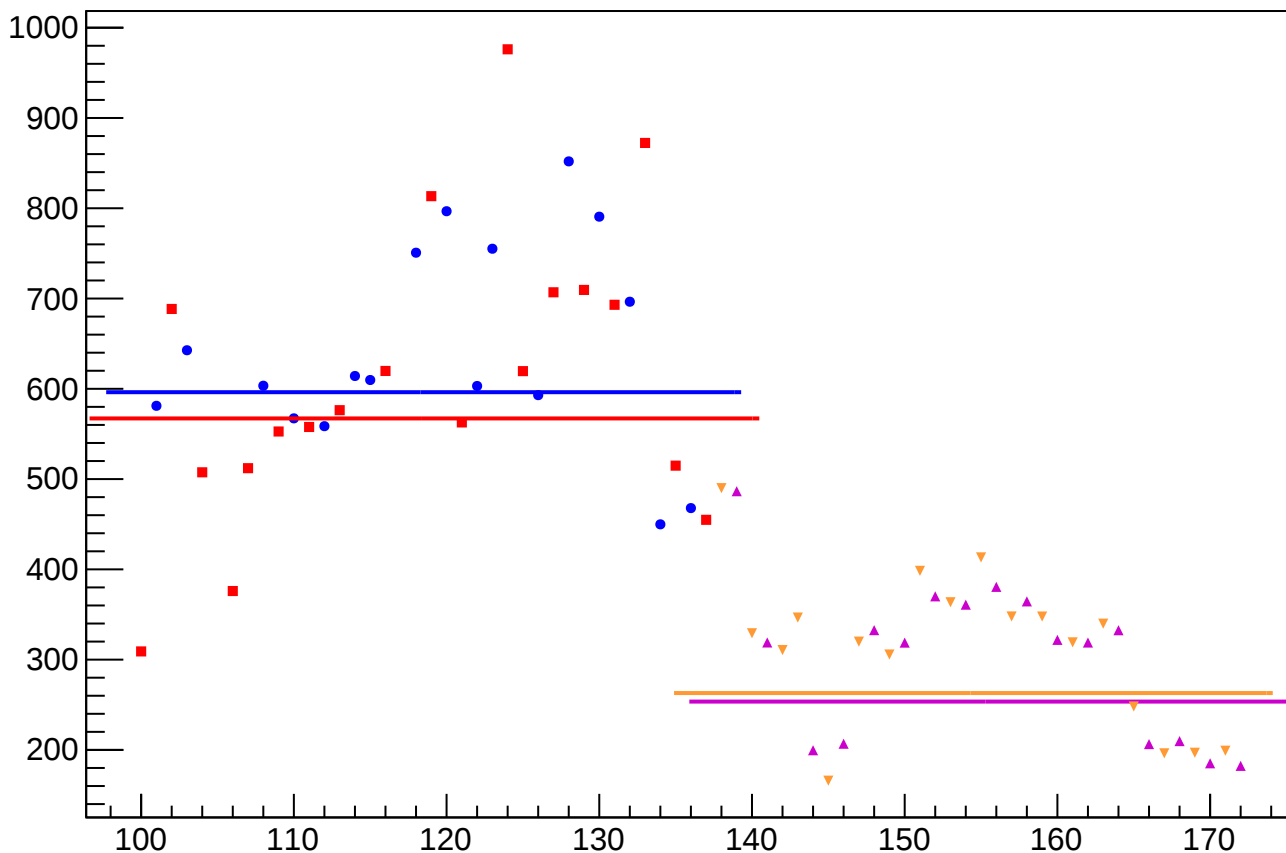
Right: 139.807 ± 160.273 $\chi^2/\text{NDF}: 40.1/35$

In: -38.708 ± 69.465 $\chi^2/\text{NDF}: 40.3/33$

Out: -253.523 ± 70.824 $\chi^2/\text{NDF}: 86.0/36$

All: -144.035 ± 49.593 $\chi^2/\text{NDF}: 131.0/70$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 262.994 $\pm$ 0.053 χ^2 /NDF: 2445788.7/17

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 253.529 $\pm$ 0.051 χ^2 /NDF: 2216230.6/16

Left: 258.124 $\pm$ 0.037 χ^2 /NDF: 4678475.0/34

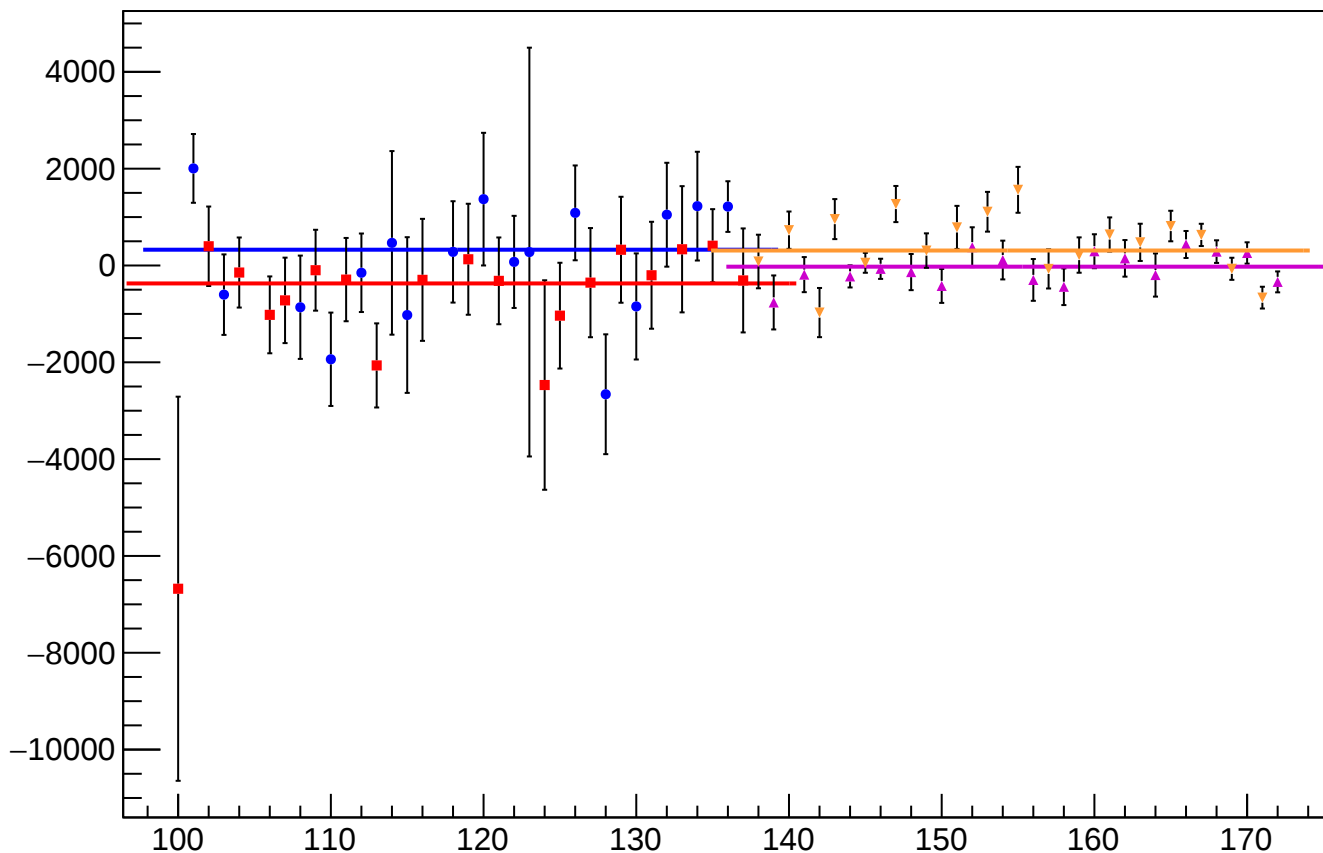
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 283.372 $\pm$ 0.049 χ^2 /NDF: 6508348.3/33

Out: 294.859 $\pm$ 0.050 χ^2 /NDF: 6581005.9/36

All: 289.004 $\pm$ 0.035 χ^2 /NDF: 13116170.1/70

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 309.323 $\pm$ 76.655 χ^2/NDF : 58.3/17

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -24.619 $\pm$ 73.283 χ^2/NDF : 16.3/16

Left: 134.847 $\pm$ 52.971 χ^2/NDF : 84.4/34

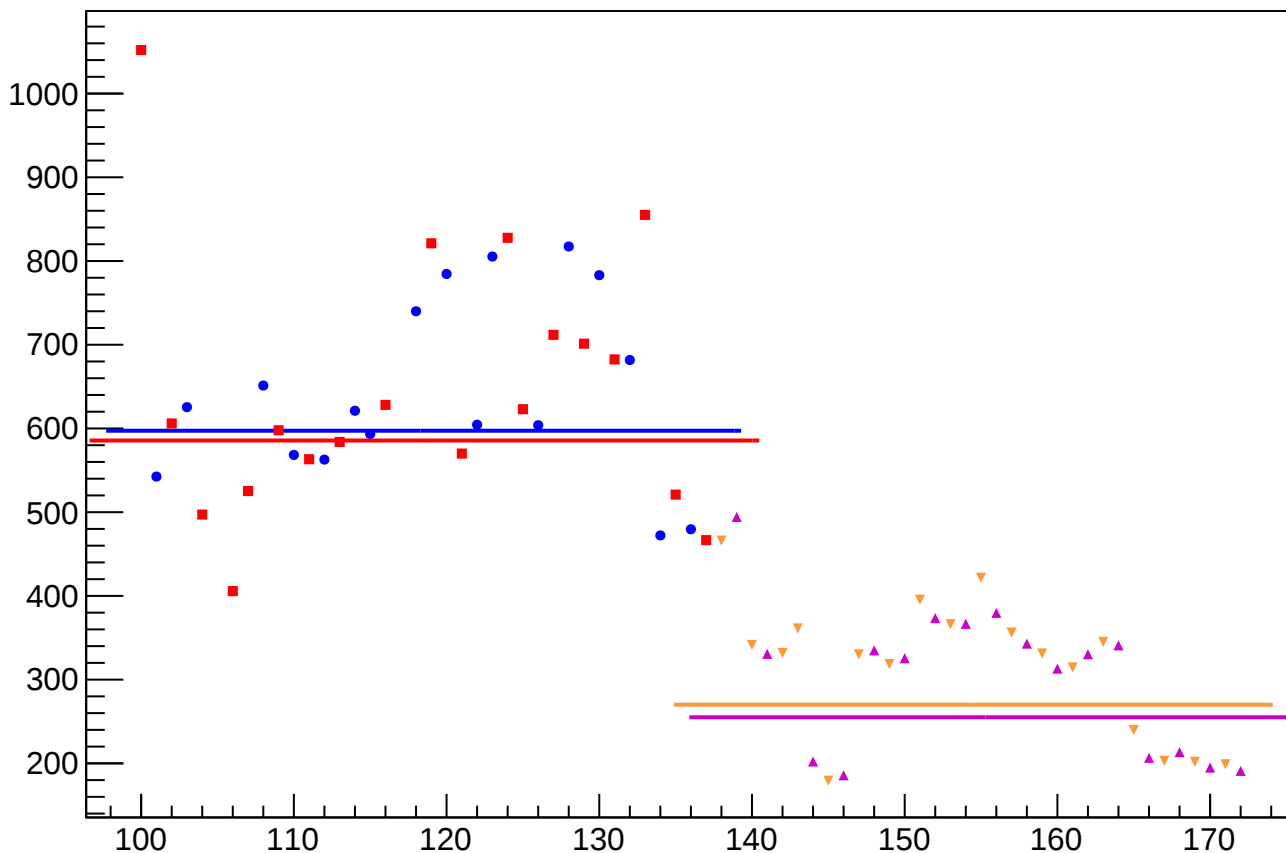
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: 6.318 $\pm$ 69.976 χ^2/NDF : 45.1/33

Out: 238.540 $\pm$ 72.556 χ^2/NDF : 78.0/36

All: 118.228 $\pm$ 50.368 χ^2/NDF : 128.4/70

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 270.074 $\pm$ 0.054 χ^2/NDF :2220135.7/17

Right Out: 585.615 $\pm$ 0.159 χ^2/NDF : 474610.2/18

Left In: 255.047 $\pm$ 0.052 χ^2/NDF :2209098.5/16

Left: 262.223 $\pm$ 0.037 χ^2/NDF : 4469388.3/34

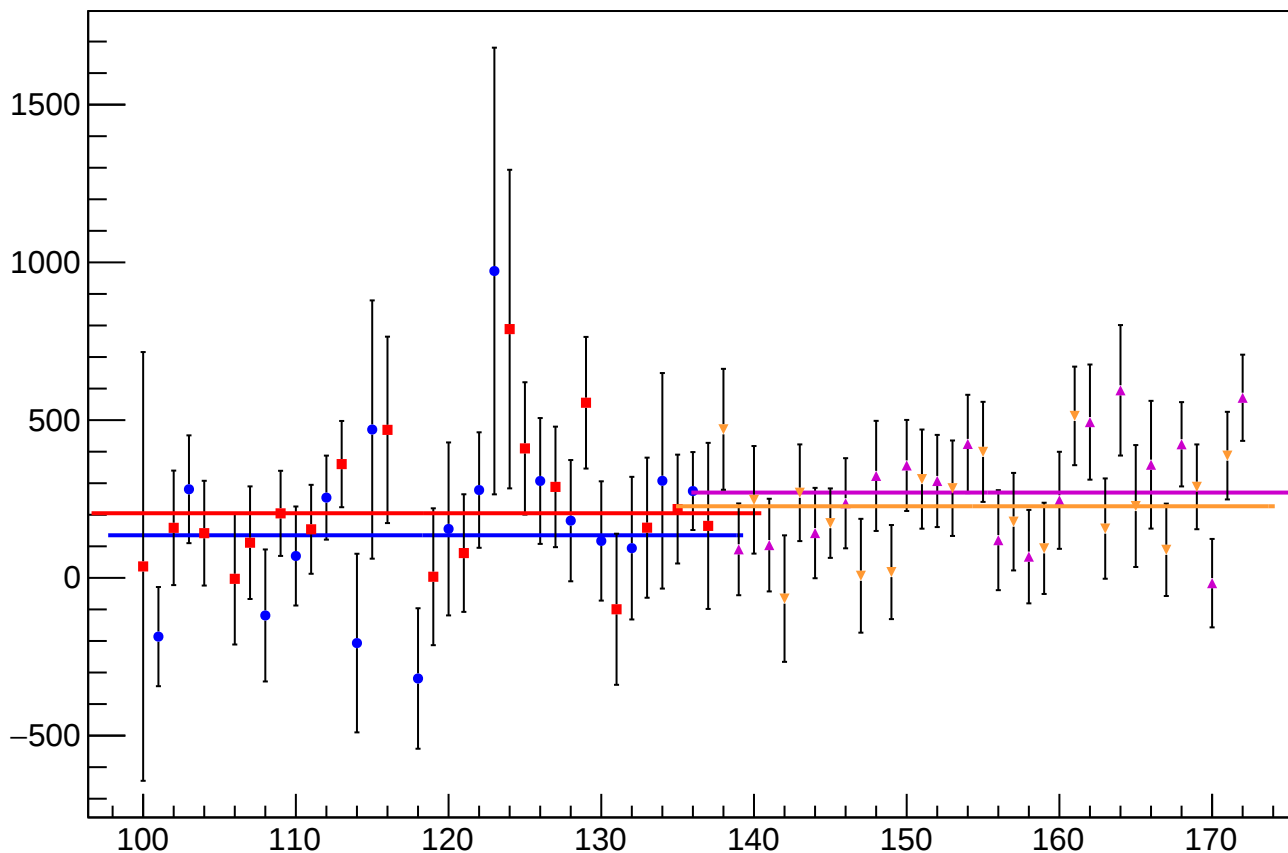
Right: 591.185 $\pm$ 0.115 χ^2/NDF : 840841.8/35

In: 285.240 $\pm$ 0.049 χ^2/NDF :6420998.7/33

Out: 302.917 $\pm$ 0.051 χ^2/NDF :6222203.6/36

All: 293.759 $\pm$ 0.036 χ^2/NDF : 12704710.9/70

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 226.986 $\pm$ 36.222 χ^2 /NDF:16.1/17

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 270.389 $\pm$ 37.107 χ^2 /NDF:22.5/16

Left: 248.163 $\pm$ 25.920 χ^2 /NDF: 39.3/34

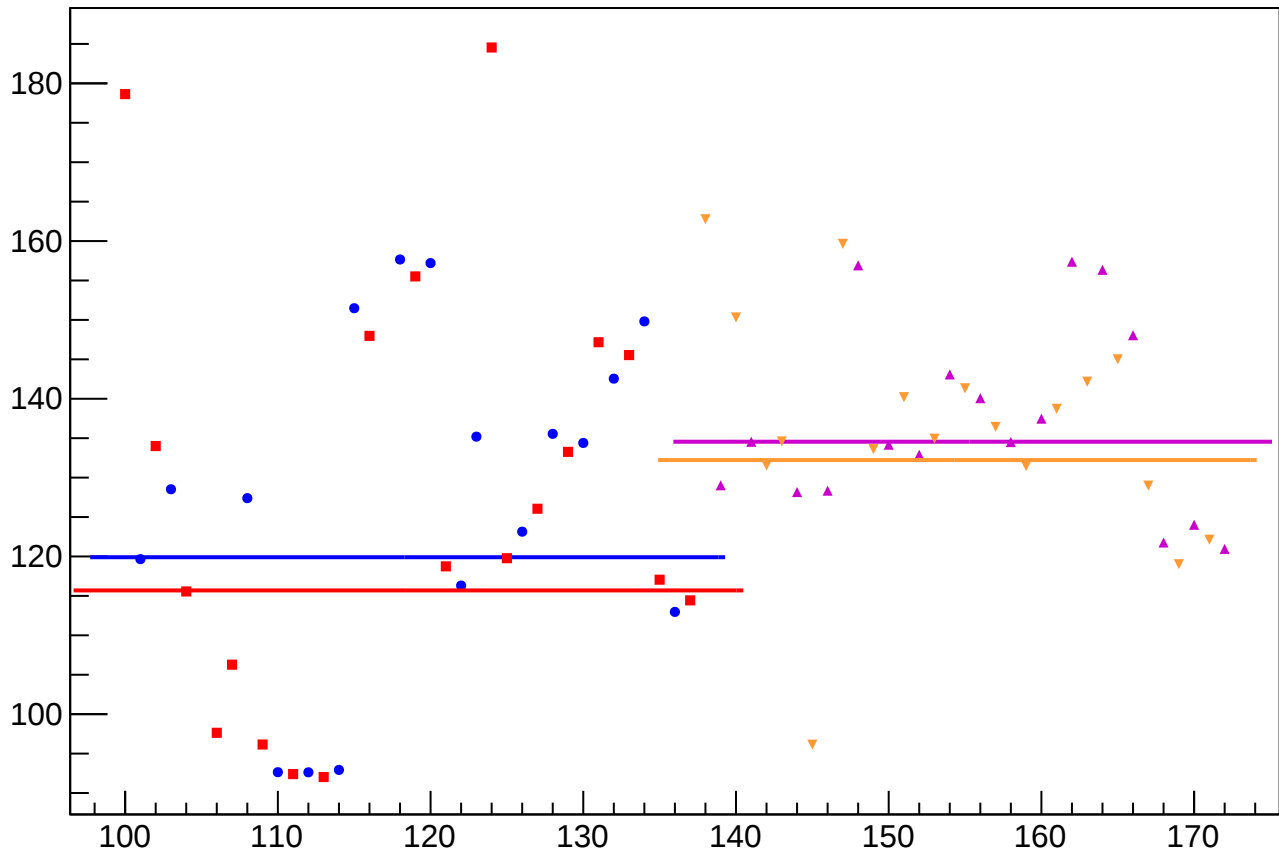
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 218.446 $\pm$ 29.130 χ^2 /NDF:45.6/33

Out: 218.157 $\pm$ 28.077 χ^2 /NDF:28.3/36

All: 218.296 $\pm$ 20.215 χ^2 /NDF: 74.0/70

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 132.226+/-0.026 χ^2/NDF : 400142.2/17

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 134.552+/-0.026 χ^2/NDF : 164737.0/16

Left: 133.361+/-0.018 χ^2/NDF : 568900.7/34

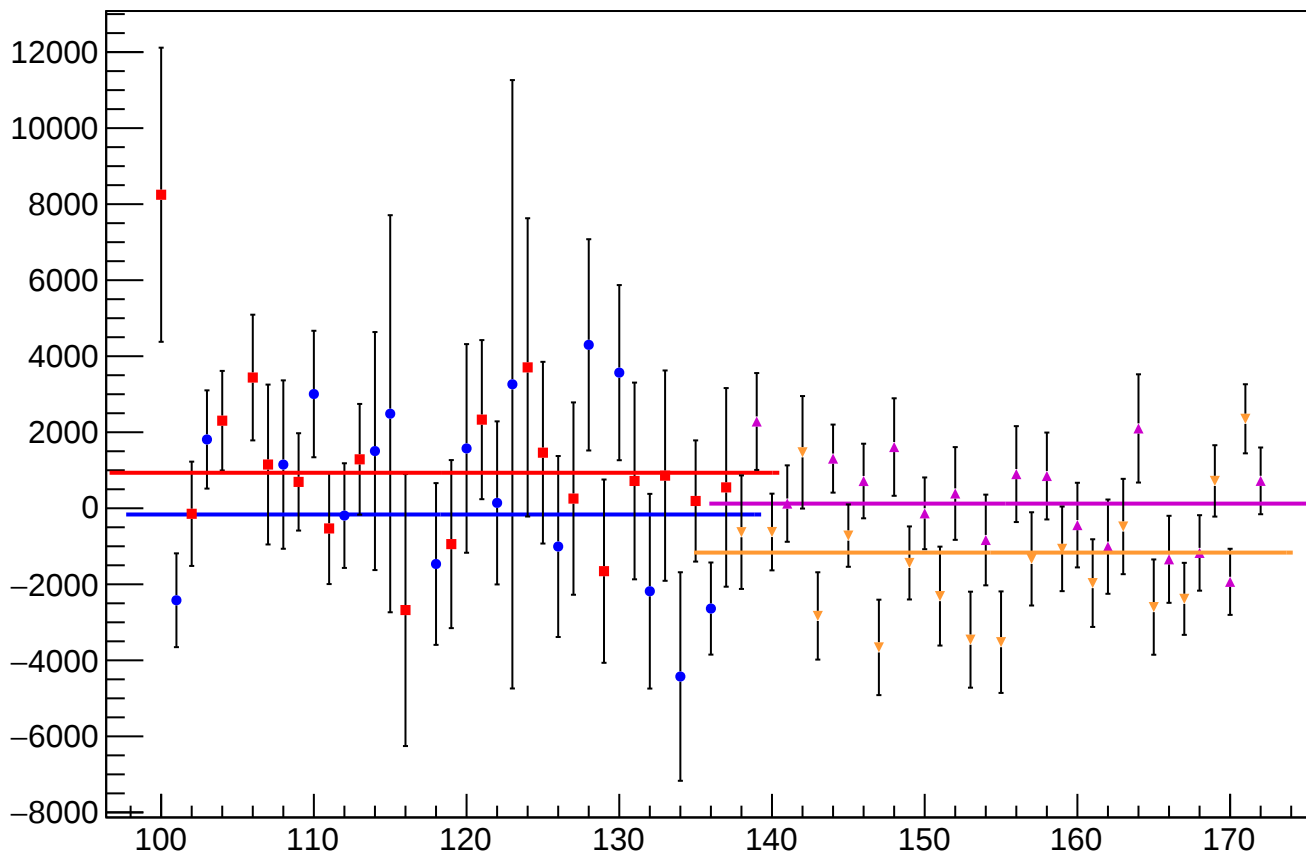
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 128.931+/-0.021 χ^2/NDF : 629844.1/33

Out: 125.627+/-0.020 χ^2/NDF : 1001815.9/36

All: 127.218+/-0.014 χ^2/NDF : 1644996.2/70

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1165.859 $\pm$ 261.861 χ^2 /NDF:40.0/17

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 122.592 $\pm$ 260.472 χ^2 /NDF:20.3/16

Left: -518.207 $\pm$ 184.671 χ^2 /NDF: 72.5/34

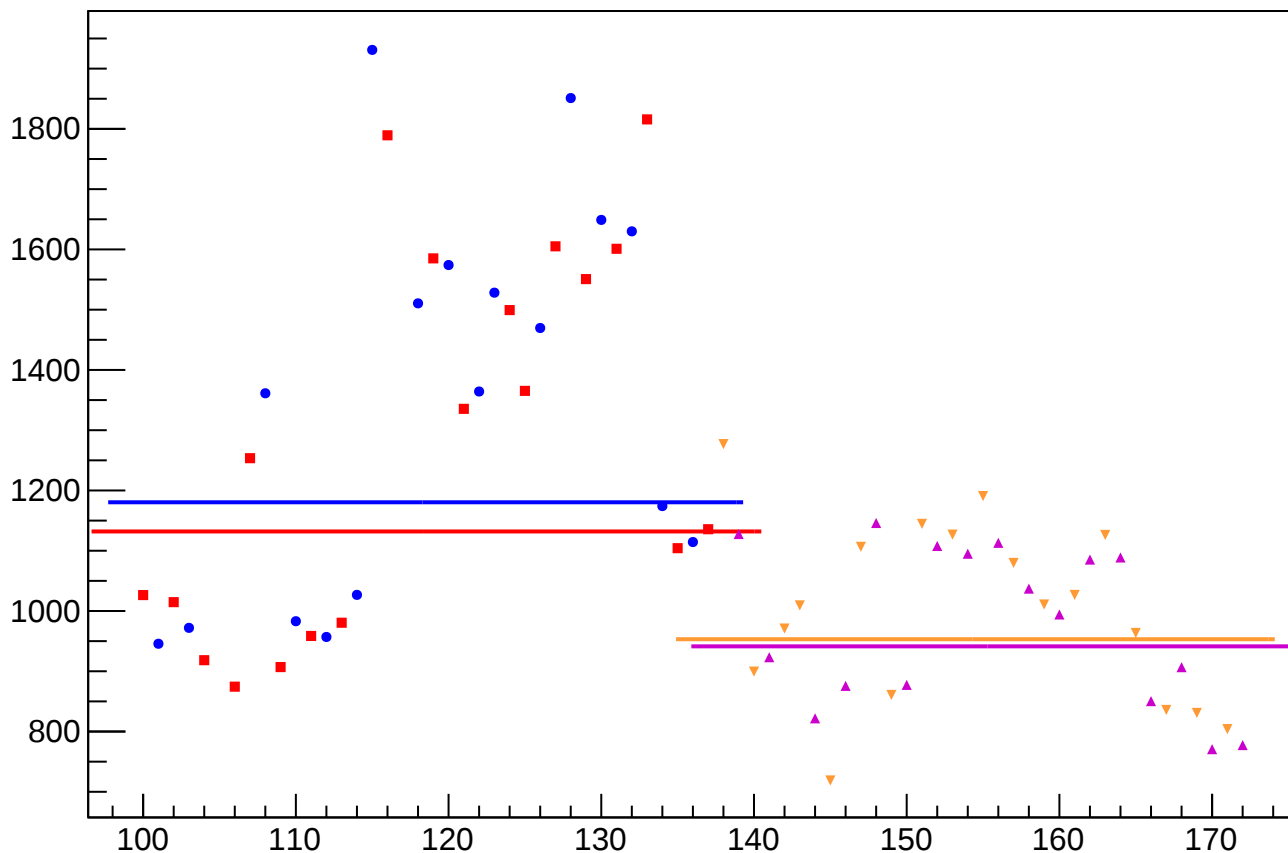
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 55.272 $\pm$ 227.778 χ^2 /NDF:44.3/33

Out: -612.282 $\pm$ 224.709 χ^2 /NDF:69.8/36

All: -283.034 $\pm$ 159.967 χ^2 /NDF: 118.5/70

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 953.181+/-0.185 χ^2/NDF : 652089.8/17

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 941.352+/-0.184 χ^2/NDF : 484384.0/16

Left: 947.235+/-0.131 χ^2/NDF : 1138525.2/34

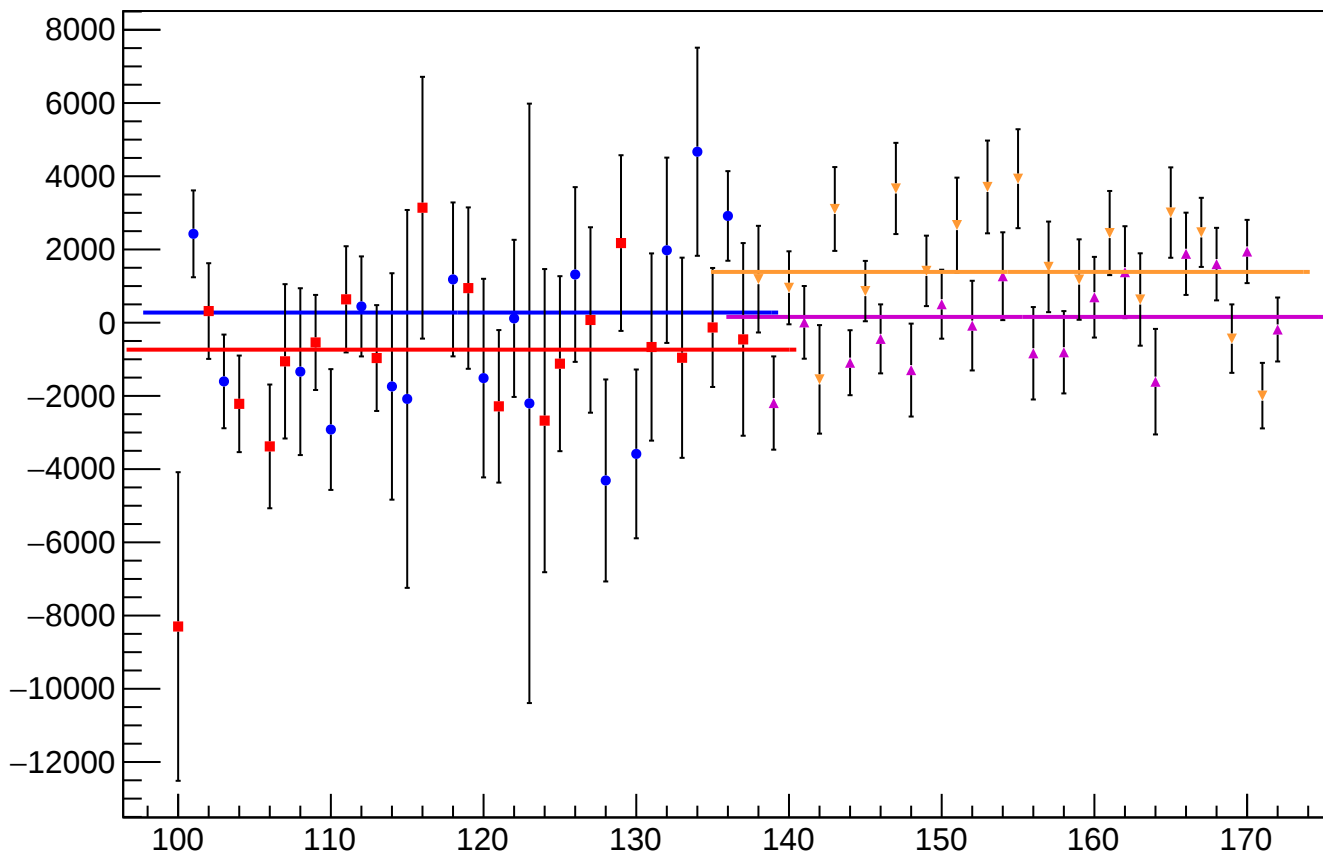
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 997.596+/-0.161 χ^2/NDF : 1549574.4/33

Out: 1000.317+/-0.159 χ^2/NDF : 1659805.0/36

All: 998.975+/-0.113 χ^2/NDF : 3209524.1/70

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1386.700+/-260.870 χ^2/NDF :40.4/17

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: 157.672+/-258.602 χ^2/NDF :21.1/16

Left: 766.820+/-183.656 χ^2/NDF : 72.7/34

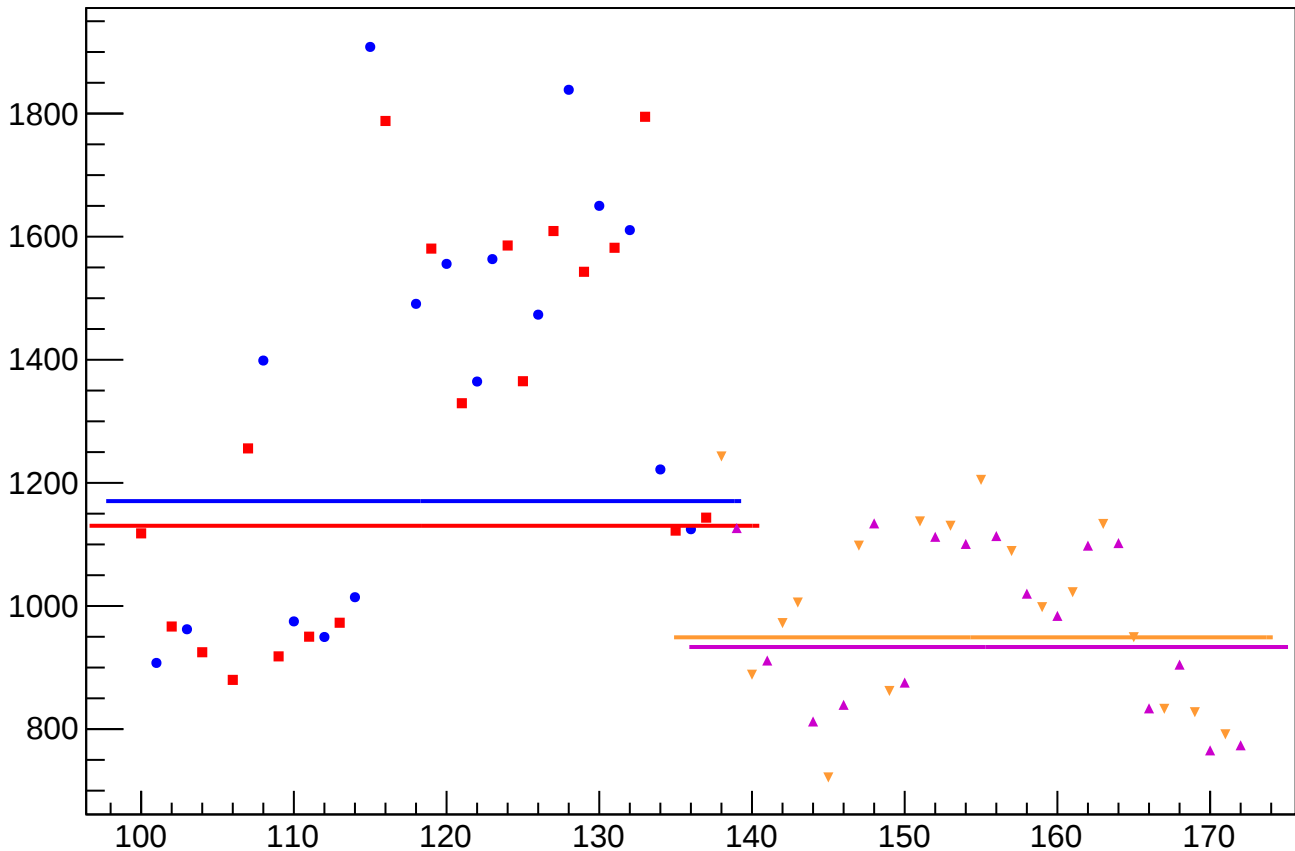
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: 185.592+/-226.166 χ^2/NDF :45.5/33

Out: 829.648+/-224.055 χ^2/NDF :70.6/36

All: 510.641+/-159.172 χ^2/NDF : 120.2/70

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 949.108 $\pm$ 0.184 χ^2 /NDF: 652970.1/17

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 933.371 $\pm$ 0.183 χ^2 /NDF: 521843.8/16

Left: 941.171 $\pm$ 0.130 χ^2 /NDF: 1178484.7/34

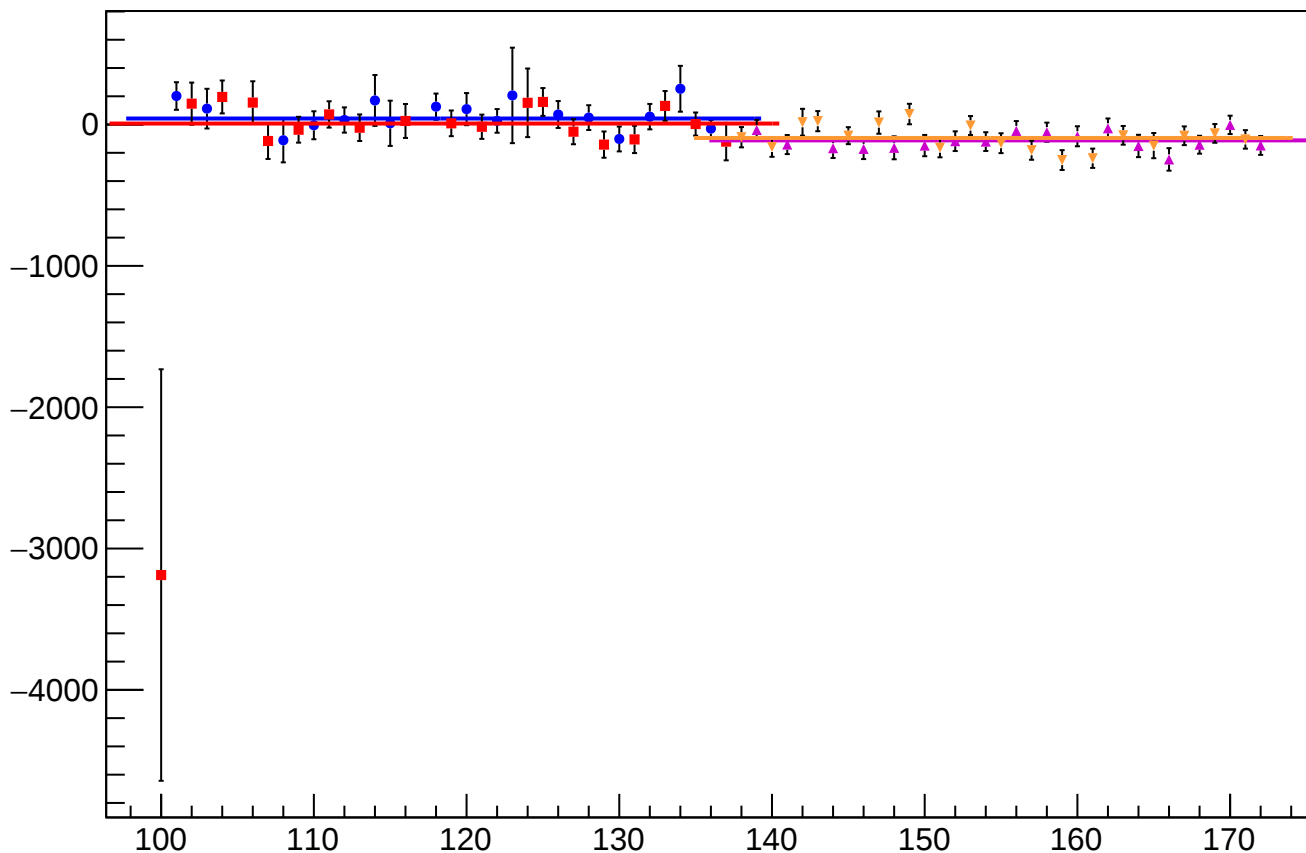
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 989.103 $\pm$ 0.160 χ^2 /NDF: 1622405.1/33

Out: 996.646 $\pm$ 0.158 χ^2 /NDF: 1669190.1/36

All: 992.910 $\pm$ 0.113 χ^2 /NDF: 3292718.3/70

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -94.950 ± 16.545 $\chi^2/\text{NDF}: 27.2/17$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -112.059 ± 17.062 $\chi^2/\text{NDF}: 13.1/16$

Left: -103.241 ± 11.878 $\chi^2/\text{NDF}: 40.8/34$

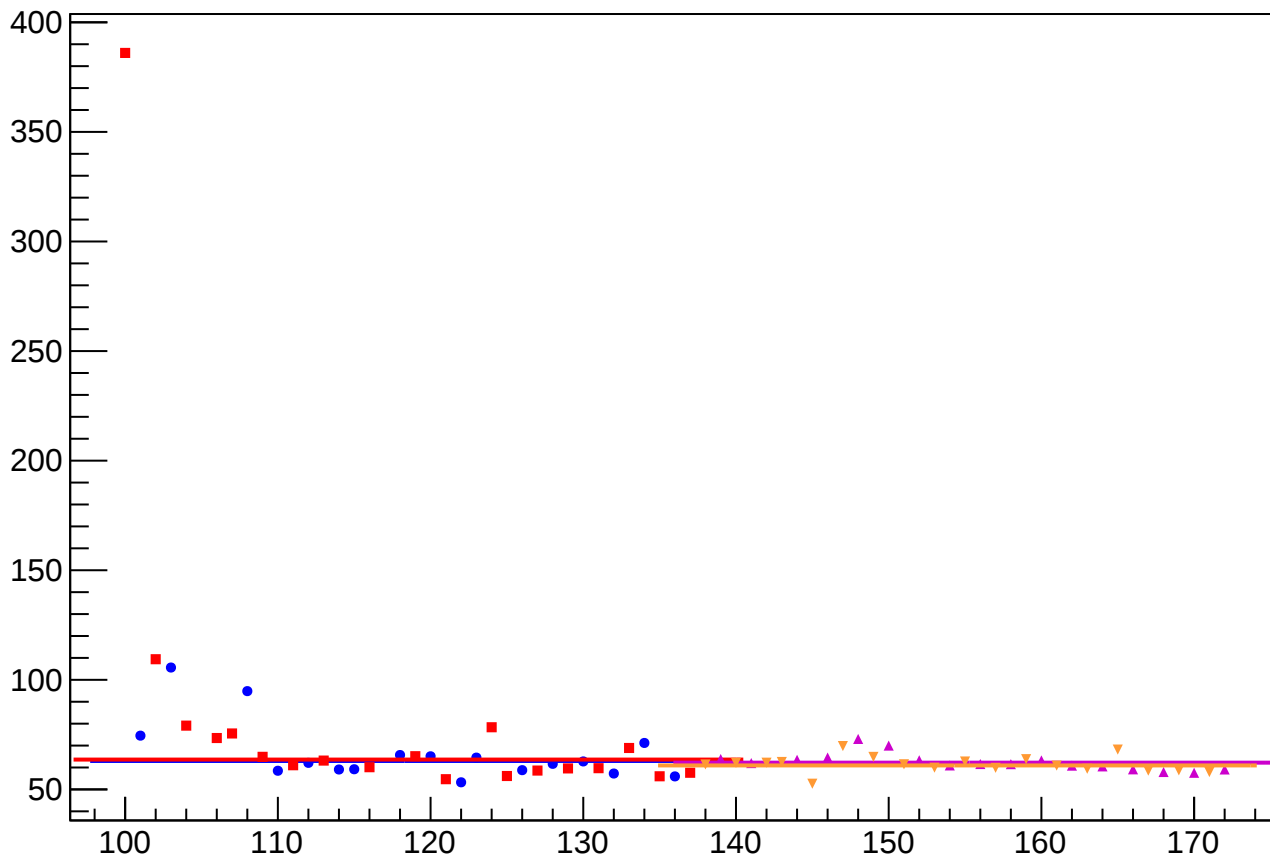
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -62.079 ± 14.038 $\chi^2/\text{NDF}: 51.6/33$

Out: -62.971 ± 13.709 $\chi^2/\text{NDF}: 59.7/36$

All: -62.536 ± 9.808 $\chi^2/\text{NDF}: 111.4/70$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 60.944 $\pm$ 0.012 χ^2 /NDF: 100463.6/17

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.208 $\pm$ 0.012 χ^2 /NDF: 90923.7/16

Left: 61.556 $\pm$ 0.008 χ^2 /NDF: 197040.4/34

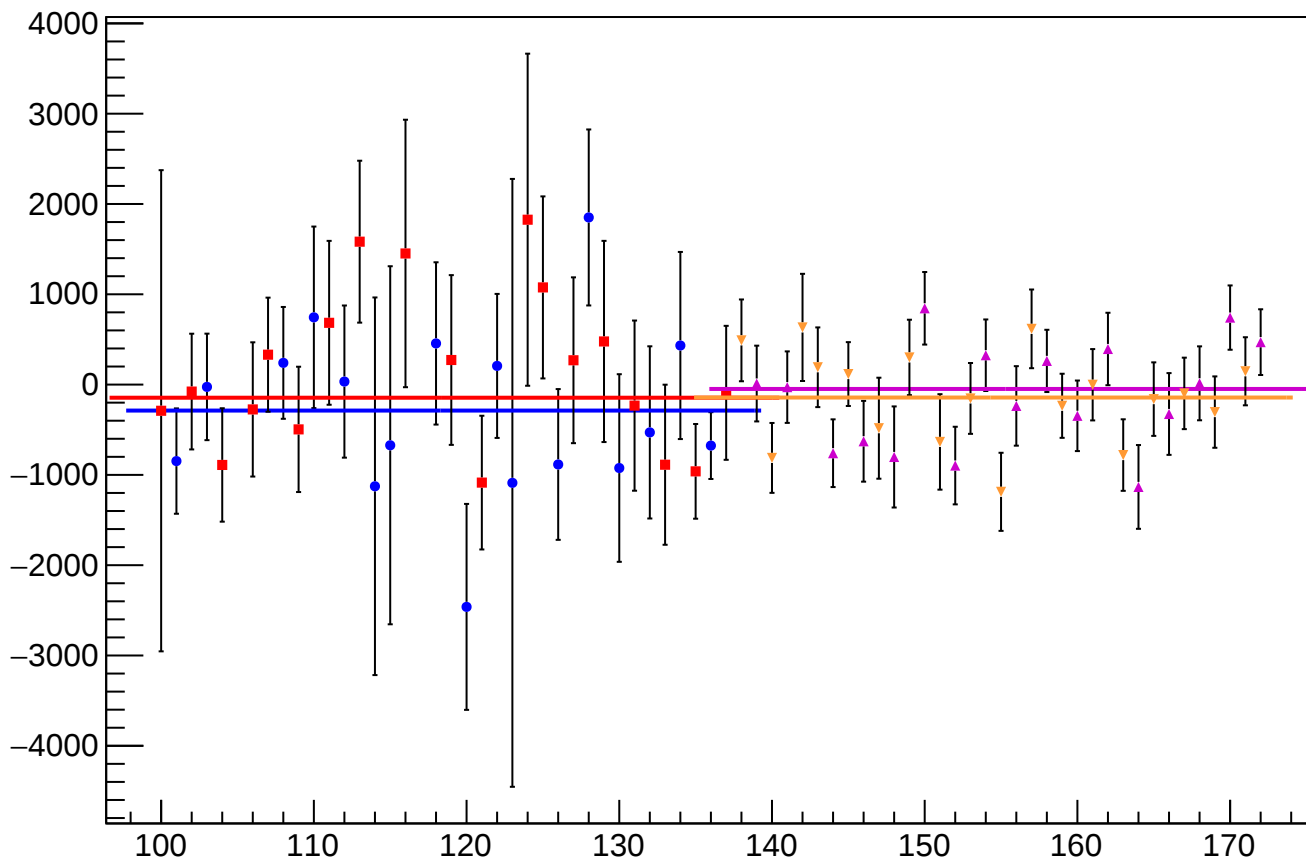
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.457 $\pm$ 0.010 χ^2 /NDF: 467511.6/33

Out: 61.781 $\pm$ 0.010 χ^2 /NDF: 550329.7/36

All: 62.111 $\pm$ 0.007 χ^2 /NDF: 1020218.5/70

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -143.282 $\pm$ 98.183 χ^2 /NDF:22.6/17

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -48.357 $\pm$ 98.713 χ^2 /NDF:32.5/16

Left: -96.075 $\pm$ 69.612 χ^2 /NDF: 55.5/34

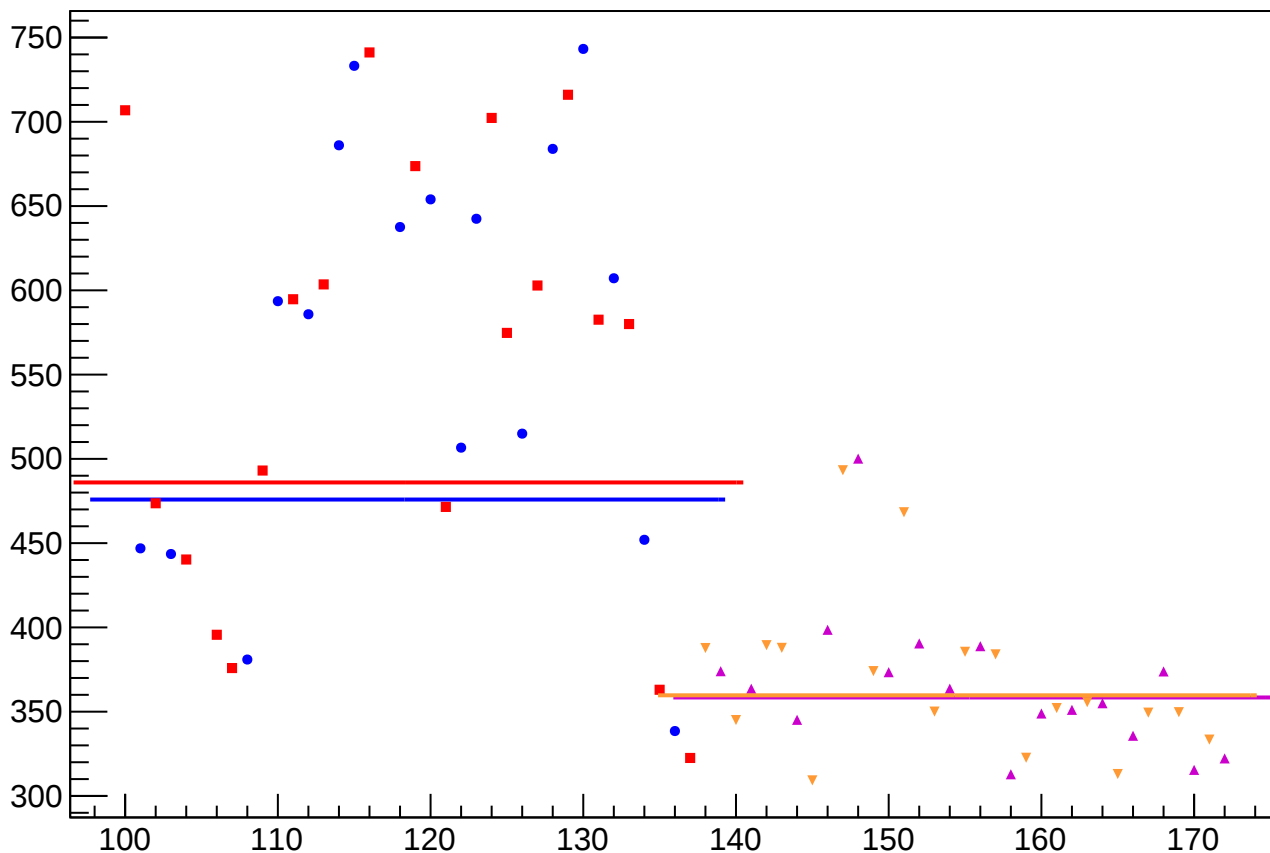
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -99.273 $\pm$ 87.585 χ^2 /NDF:49.1/33

Out: -143.725 $\pm$ 86.961 χ^2 /NDF:38.6/36

All: -121.658 $\pm$ 61.710 χ^2 /NDF: 87.8/70

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 359.710+/-0.069 χ^2/NDF :341292.7/17

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 358.427+/-0.070 χ^2/NDF :267428.7/16

Left: 359.072+/-0.049 χ^2/NDF : 608891.4/34

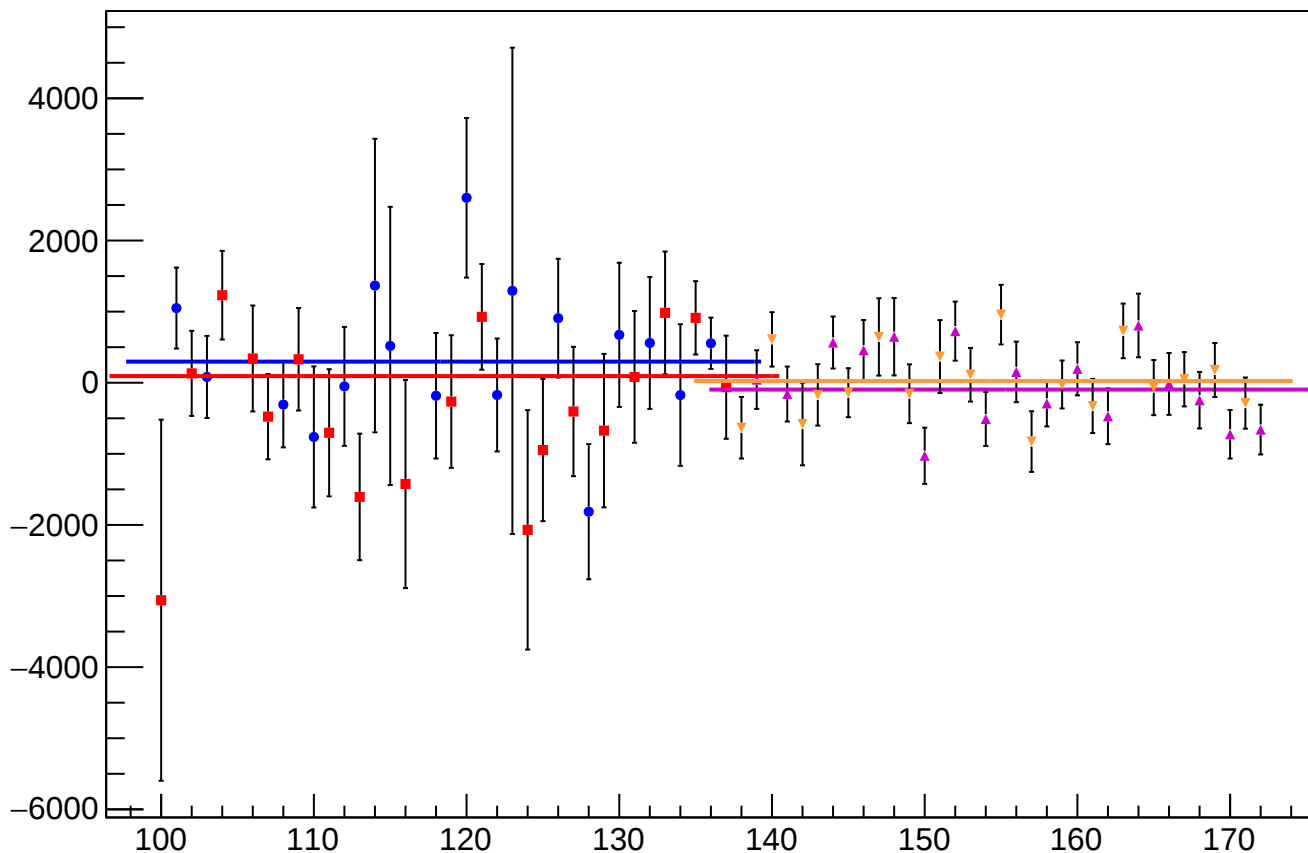
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 383.413+/-0.062 χ^2/NDF :1707534.4/33

Out: 386.932+/-0.061 χ^2/NDF :1784735.8/36

All: 385.185+/-0.044 χ^2/NDF : 3493896.3/70

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 24.586 $\pm$ 95.000 χ^2 /NDF:22.3/17

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -96.129 $\pm$ 95.276 χ^2 /NDF:30.1/16

Left: -35.596 $\pm$ 67.273 χ^2 /NDF: 53.2/34

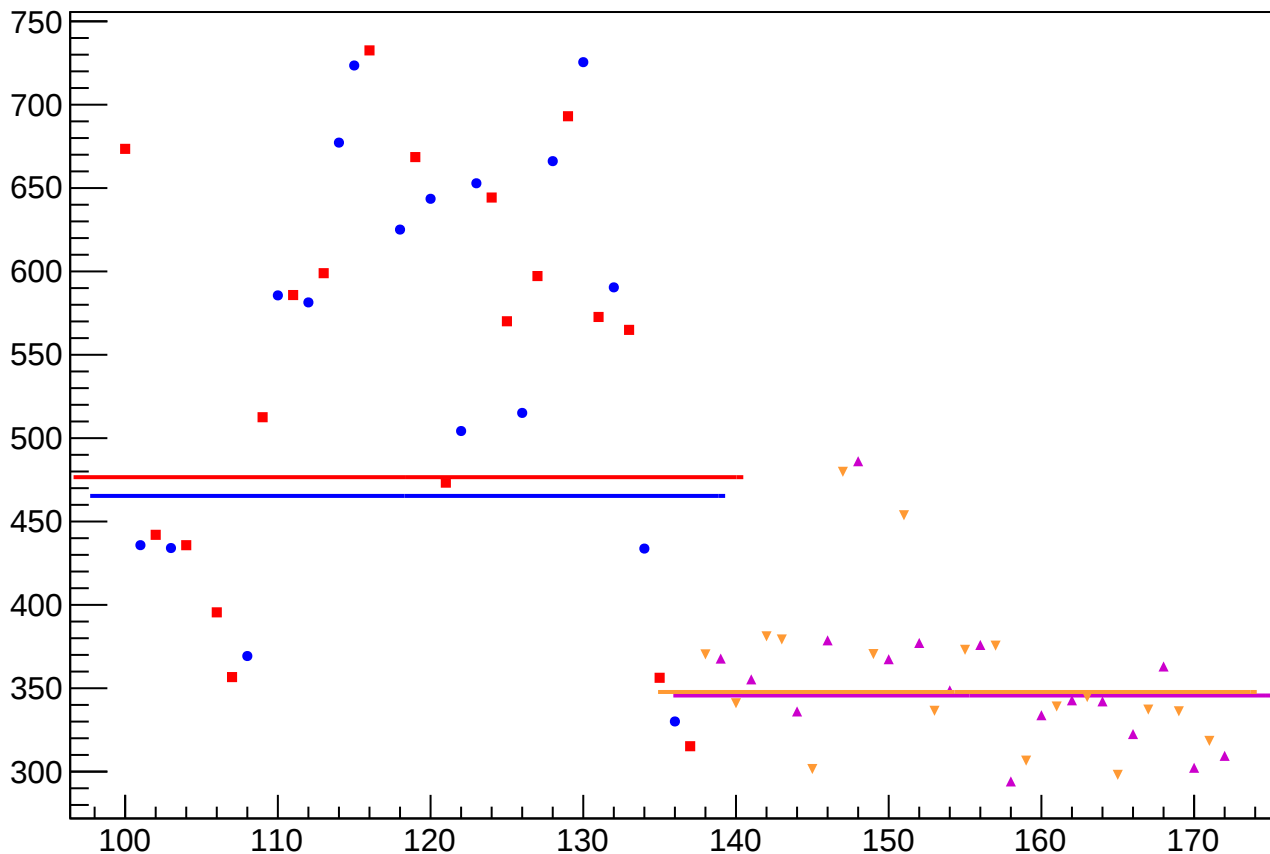
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: -14.403 $\pm$ 84.796 χ^2 /NDF:49.5/33

Out: 39.105 $\pm$ 84.405 χ^2 /NDF:42.5/36

All: 12.475 $\pm$ 59.821 χ^2 /NDF: 92.2/70

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 347.761+/-0.067 χ^2/NDF : 366633.5/17

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 345.643+/-0.067 χ^2/NDF : 297654.7/16

Left: 346.705+/-0.048 χ^2/NDF : 664783.9/34

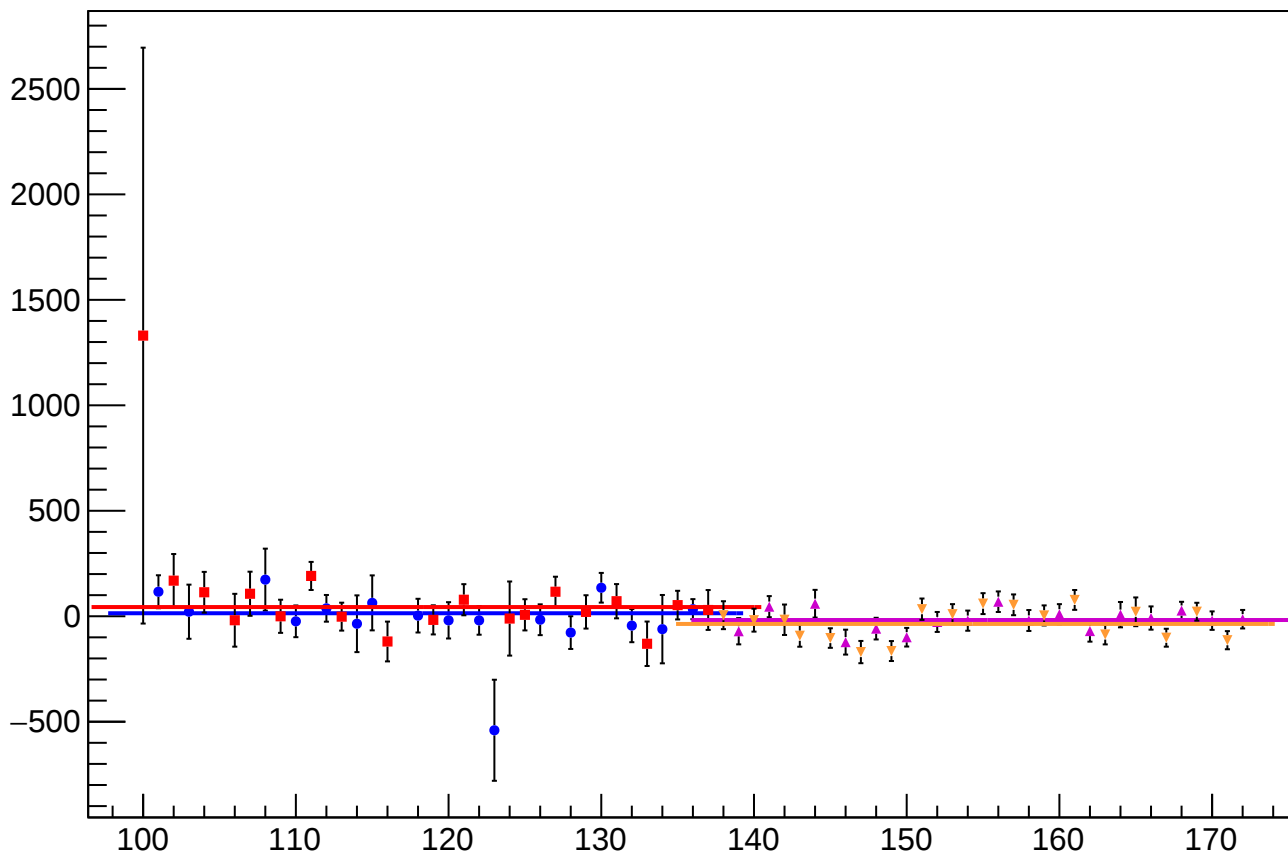
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 370.530+/-0.060 χ^2/NDF : 1814499.3/33

Out: 374.896+/-0.060 χ^2/NDF : 1894307.0/36

All: 372.723+/-0.042 χ^2/NDF : 3711469.3/70

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 $\pm$ 19.867 χ^2 /NDF: 14.8/16

Left Out: -36.446 $\pm$ 11.731 χ^2 /NDF:43.5/17

Right Out: 43.602 $\pm$ 19.648 χ^2 /NDF: 17.0/18

Left In: -17.814 $\pm$ 12.095 χ^2 /NDF:16.9/16

Left: -27.414 $\pm$ 8.421 χ^2 /NDF: 61.6/34

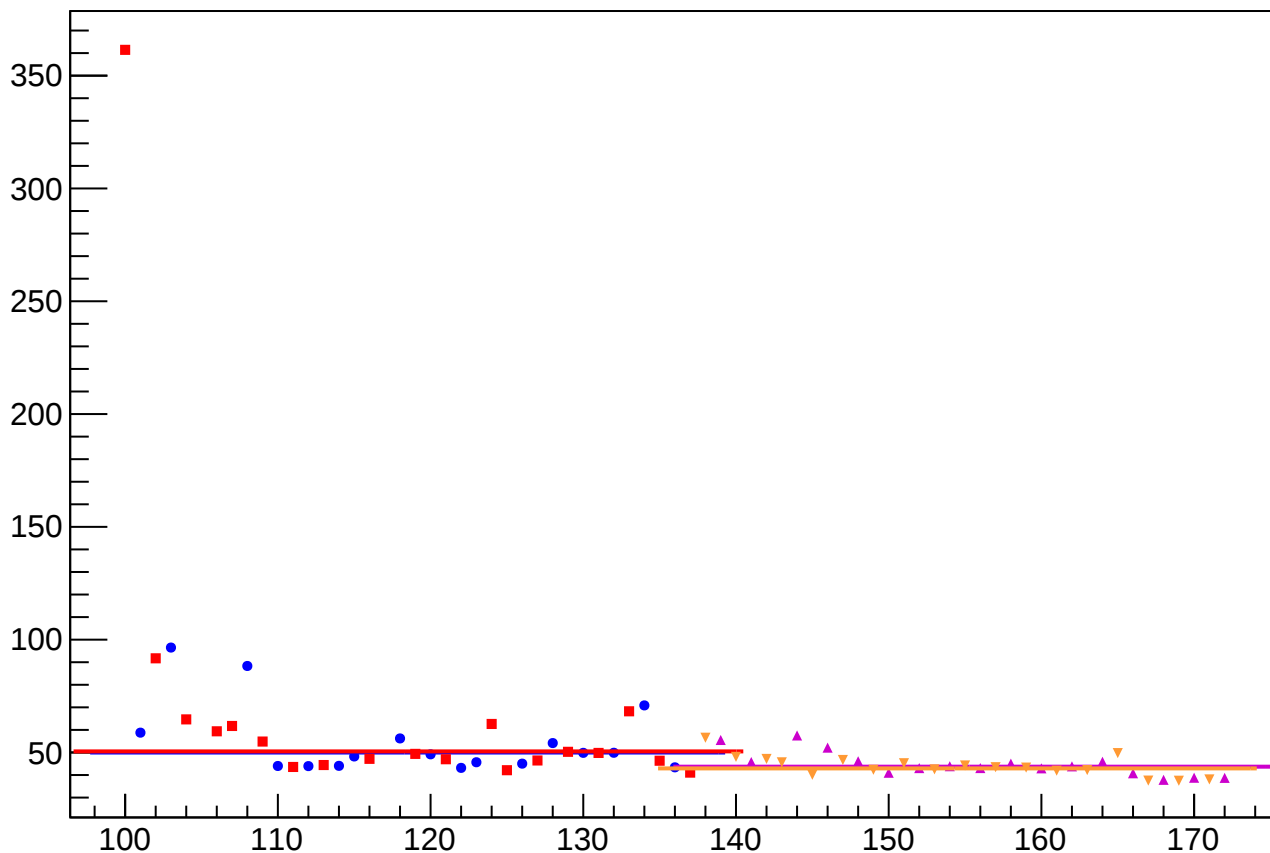
Right: 29.090 $\pm$ 13.970 χ^2 /NDF: 32.9/35

In: -9.142 $\pm$ 10.331 χ^2 /NDF:33.6/33

Out: -15.408 $\pm$ 10.072 χ^2 /NDF:72.8/36

All: -12.355 $\pm$ 7.212 χ^2 /NDF: 106.6/70

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.935 $\pm$ 0.008 χ^2/NDF : 250879.1/17

Right Out: 50.472 $\pm$ 0.014 χ^2/NDF : 571294.5/18

Left In: 43.700 $\pm$ 0.009 χ^2/NDF : 317896.3/16

Left: 43.306 $\pm$ 0.006 χ^2/NDF : 572894.0/34

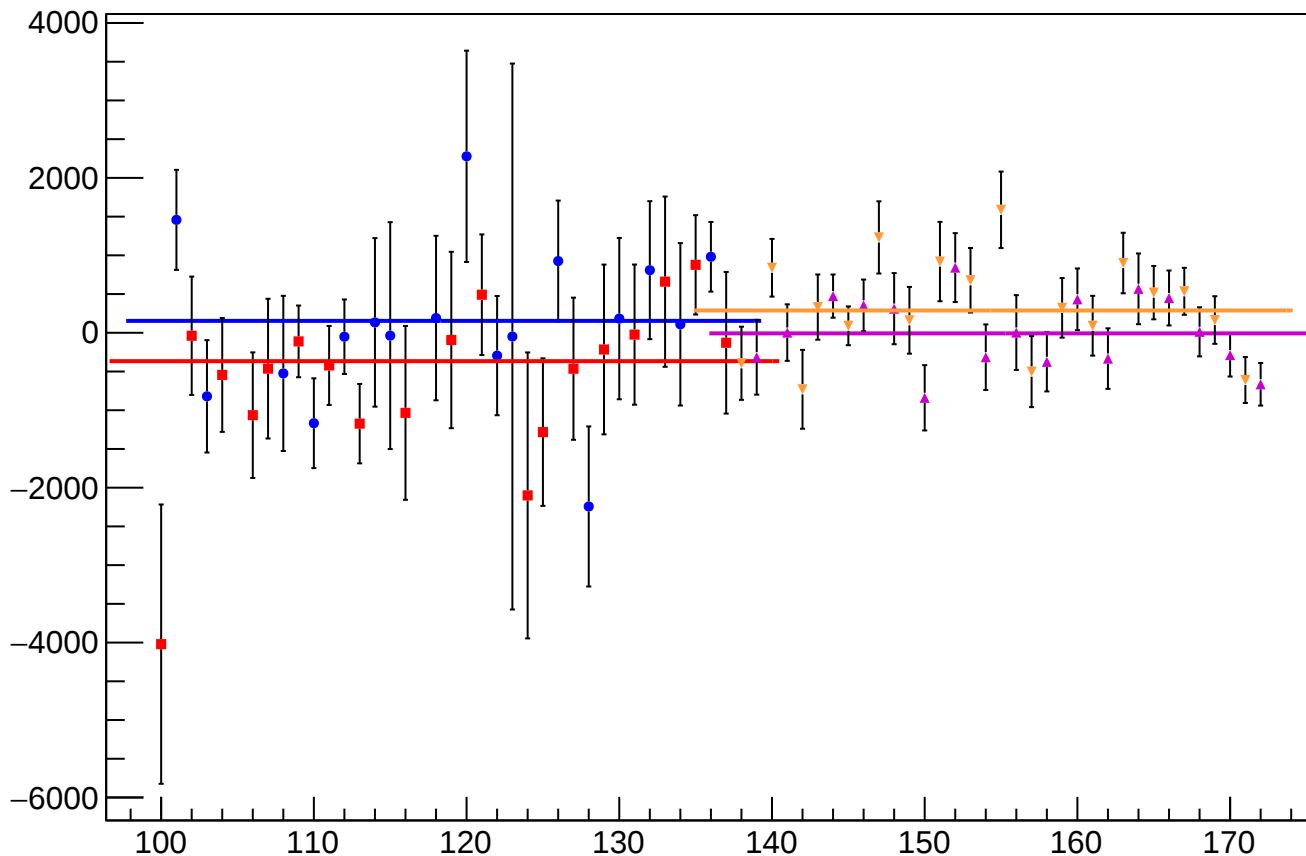
Right: 50.225 $\pm$ 0.010 χ^2/NDF : 1150683.7/35

In: 45.396 $\pm$ 0.007 χ^2/NDF : 1042132.3/33

Out: 44.916 $\pm$ 0.007 χ^2/NDF : 1039137.9/36

All: 45.150 $\pm$ 0.005 χ^2/NDF : 2083485.7/70

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 288.002 $\pm$ 88.797 χ^2 /NDF:38.6/17

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -7.586 $\pm$ 88.521 χ^2 /NDF:25.9/16

Left: 139.747 $\pm$ 62.691 χ^2 /NDF: 70.1/34

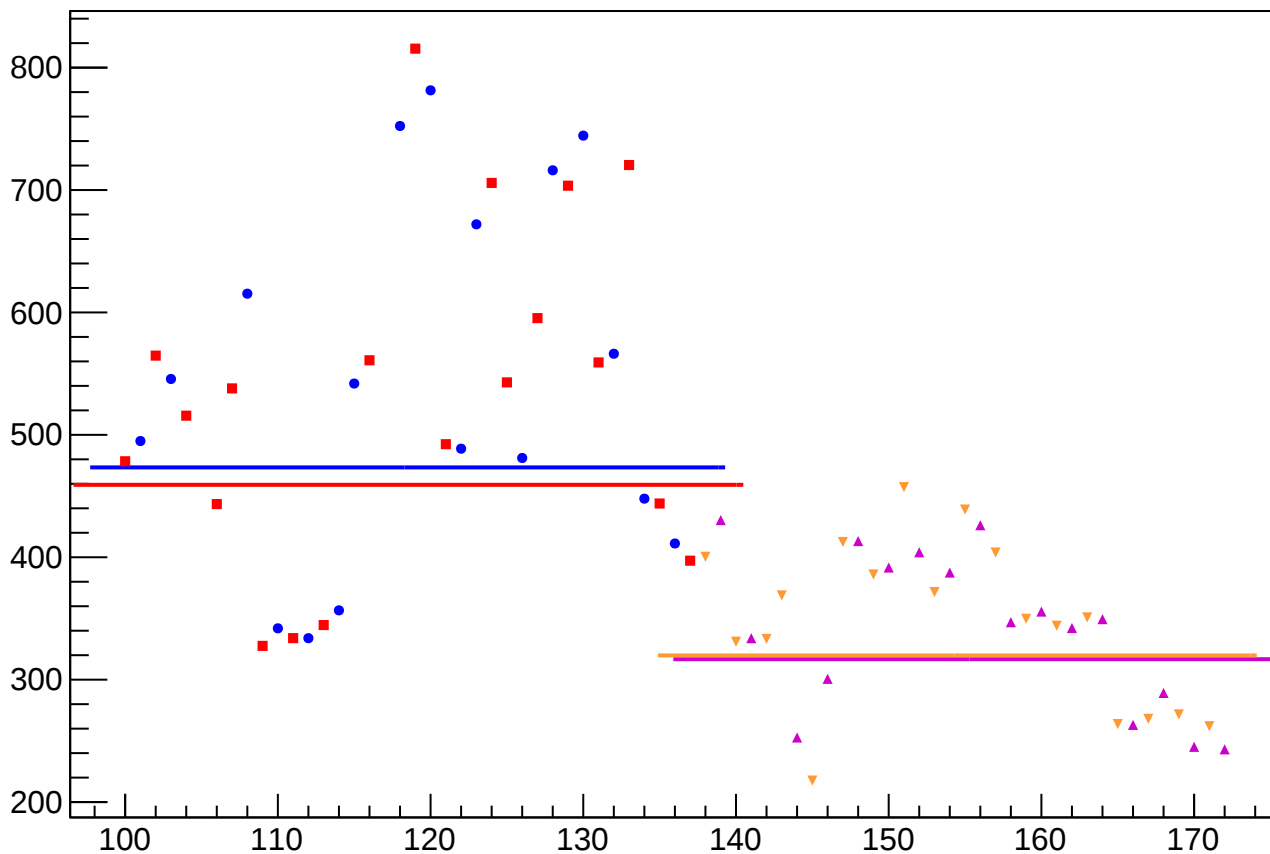
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 21.214 $\pm$ 80.237 χ^2 /NDF:51.3/33

Out: 158.682 $\pm$ 79.539 χ^2 /NDF:65.5/36

All: 90.548 $\pm$ 56.488 χ^2 /NDF: 118.3/70

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 319.800 $\pm$ 0.063 χ^2 /NDF: 1175572.0/17

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 316.727 $\pm$ 0.063 χ^2 /NDF: 1000579.9/16

Left: 318.259 $\pm$ 0.044 χ^2 /NDF: 2177352.8/34

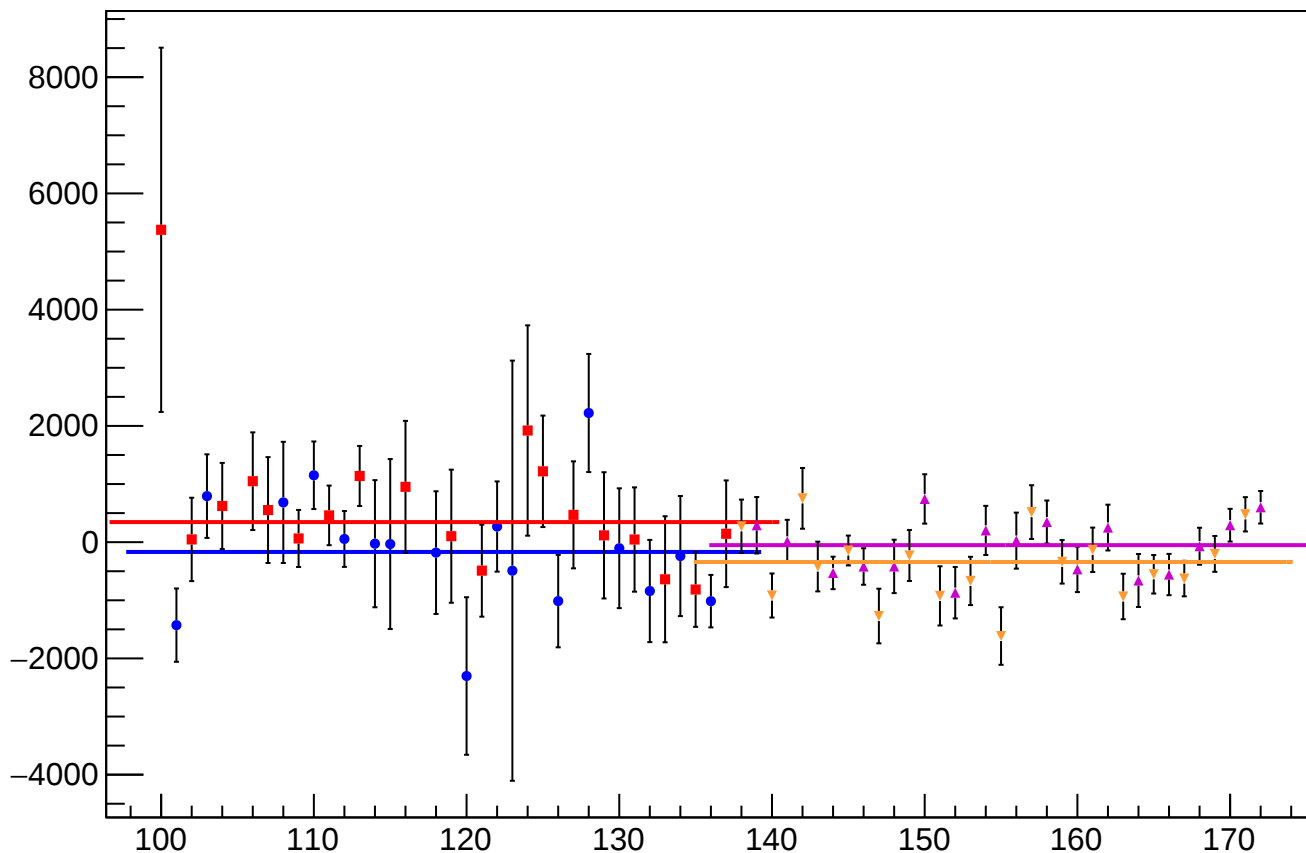
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 344.680 $\pm$ 0.057 χ^2 /NDF: 3033326.4/33

Out: 347.349 $\pm$ 0.056 χ^2 /NDF: 3156007.2/36

All: 346.026 $\pm$ 0.040 χ^2 /NDF: 6190449.7/70

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -341.086 ± 88.938 $\chi^2/\text{NDF}: 36.9/17$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -51.197 ± 88.397 $\chi^2/\text{NDF}: 26.3/16$

Left: -195.257 ± 62.697 $\chi^2/\text{NDF}: 68.6/34$

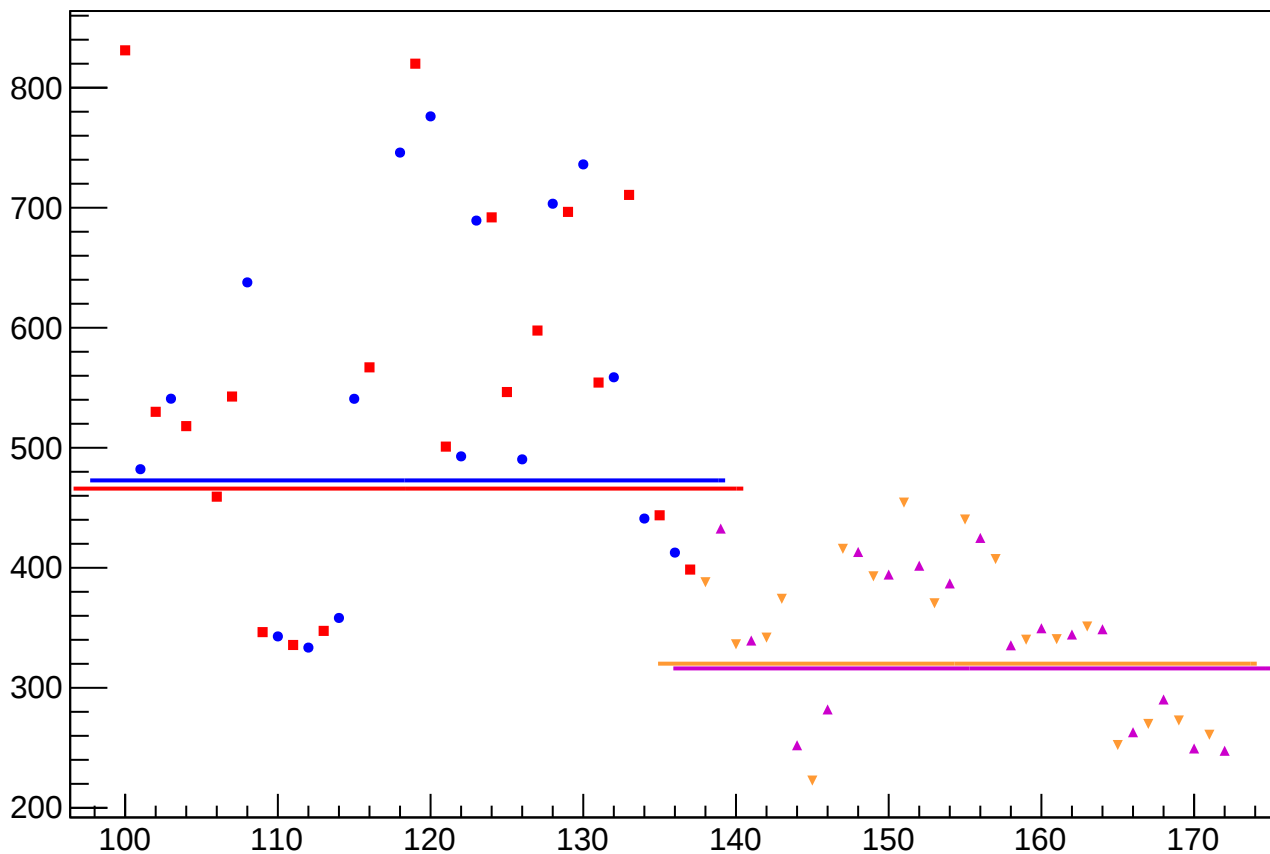
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -72.034 ± 80.130 $\chi^2/\text{NDF}: 52.1/33$

Out: -207.860 ± 79.844 $\chi^2/\text{NDF}: 62.2/36$

All: -140.189 ± 56.559 $\chi^2/\text{NDF}: 115.7/70$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 320.129 $\pm$ 0.063 χ^2 /NDF: 1154147.0/17

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 316.159 $\pm$ 0.063 χ^2 /NDF: 972067.9/16

Left: 318.132 $\pm$ 0.044 χ^2 /NDF: 2128219.2/34

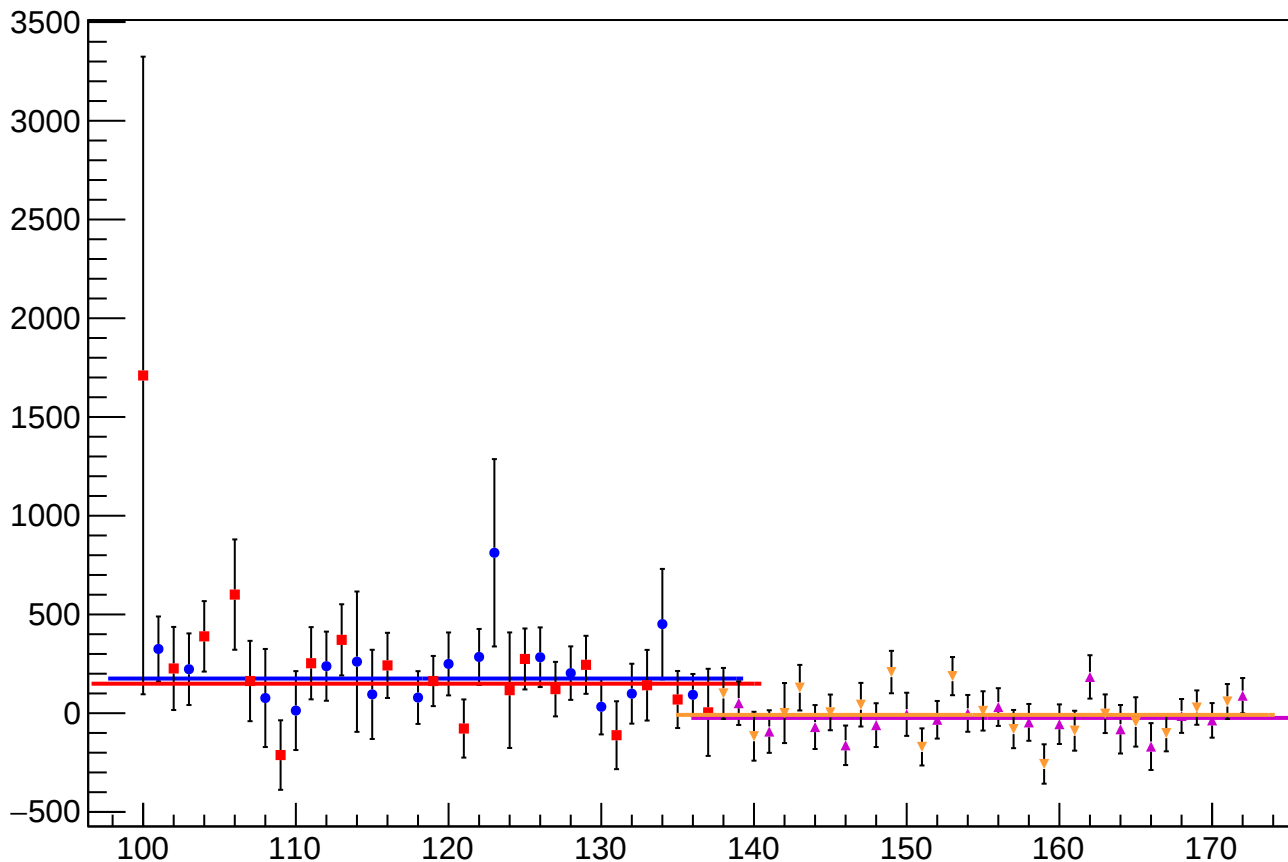
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 344.094 $\pm$ 0.057 χ^2 /NDF: 2988532.9/33

Out: 348.432 $\pm$ 0.056 χ^2 /NDF: 3139976.5/36

All: 346.271 $\pm$ 0.040 χ^2 /NDF: 6131451.1/70

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -8.550 $\pm$ 24.203 χ^2 /NDF:23.6/17

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -23.911 $\pm$ 24.437 χ^2 /NDF:10.6/16

Left: -16.157 $\pm$ 17.196 χ^2 /NDF: 34.4/34

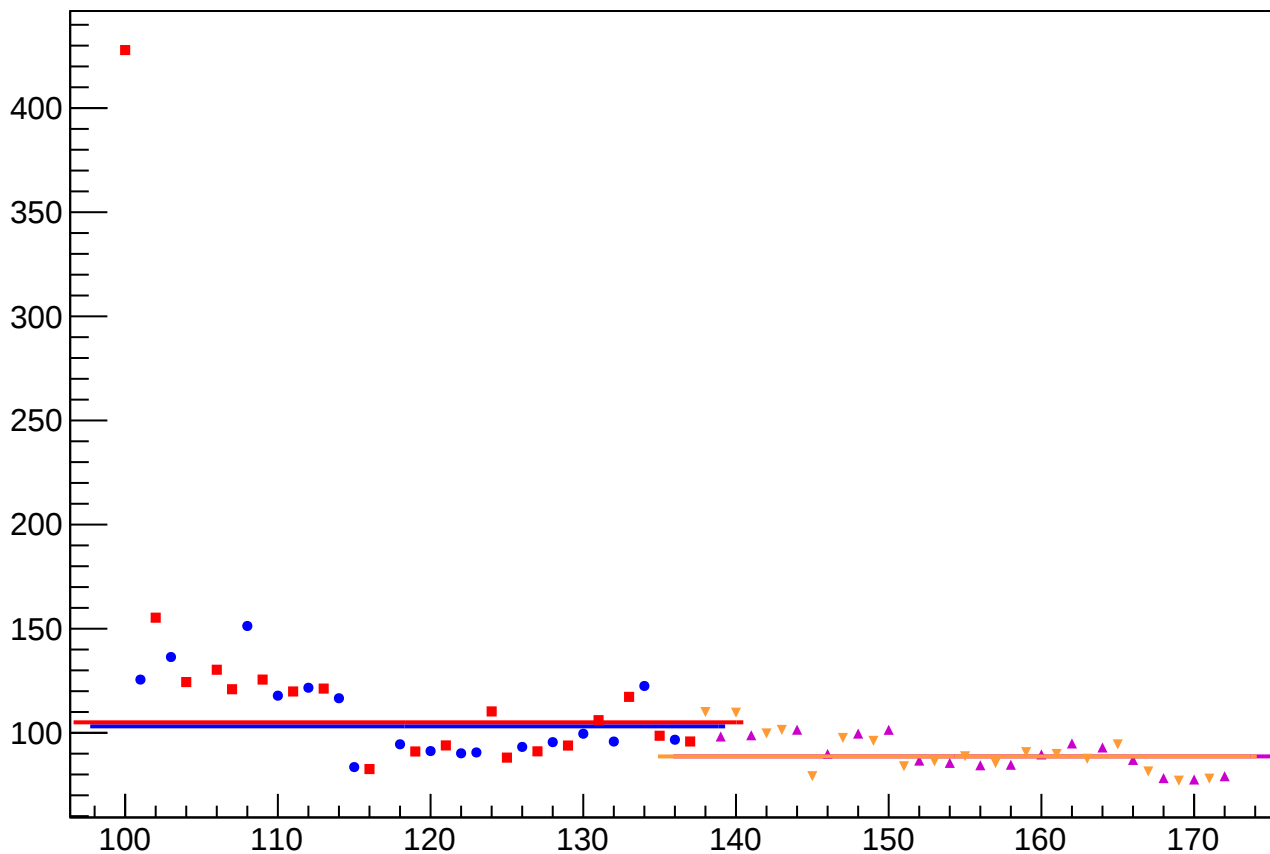
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 29.576 $\pm$ 20.903 χ^2 /NDF:37.0/33

Out: 33.295 $\pm$ 20.751 χ^2 /NDF:53.3/36

All: 31.449 $\pm$ 14.727 χ^2 /NDF: 90.3/70

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 88.661 $\pm$ 0.017 χ^2 /NDF:282955.0/17

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 88.685 $\pm$ 0.017 χ^2 /NDF:210850.4/16

Left: 88.673 $\pm$ 0.012 χ^2 /NDF: 493806.3/34

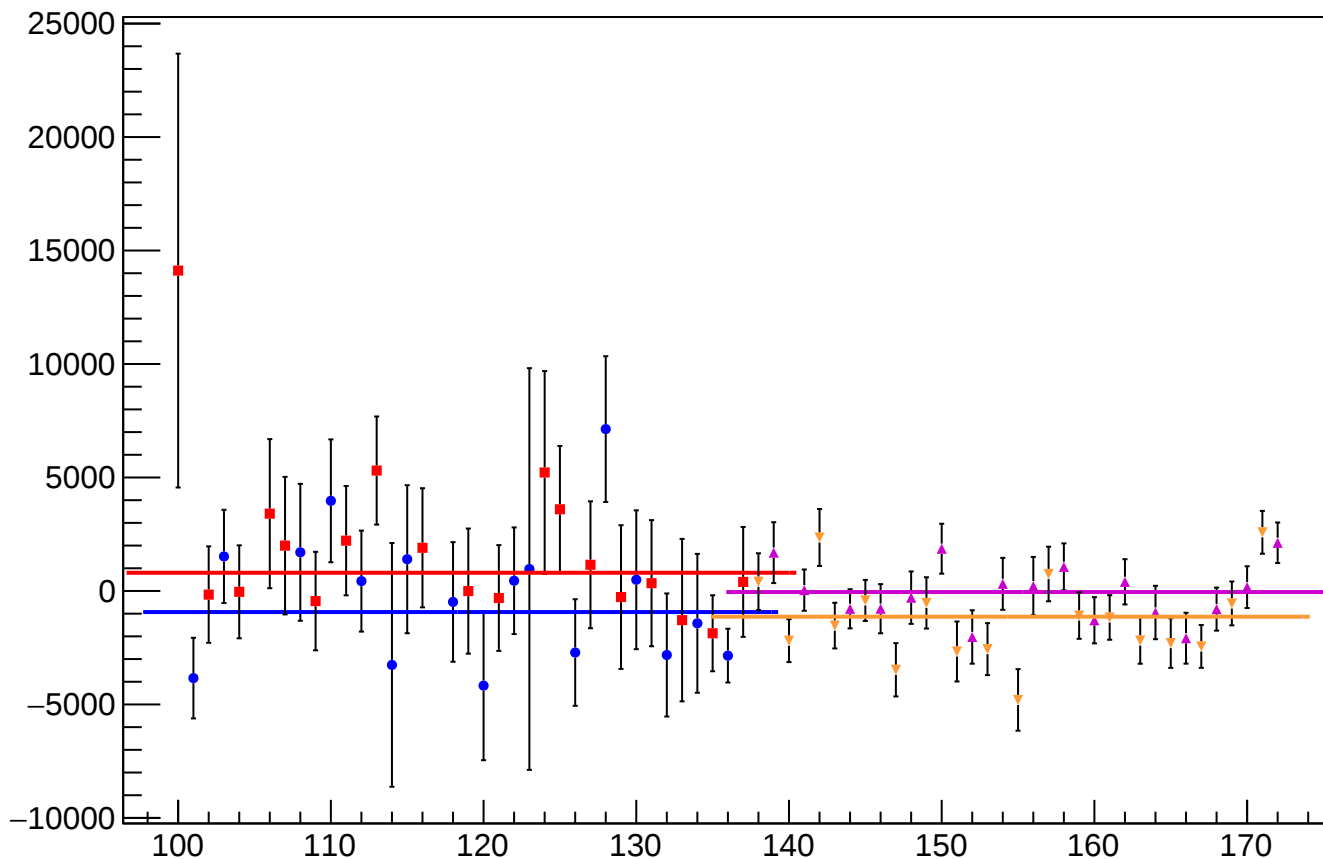
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 92.555 $\pm$ 0.015 χ^2 /NDF:704315.3/33

Out: 93.001 $\pm$ 0.015 χ^2 /NDF:974435.9/36

All: 92.780 $\pm$ 0.010 χ^2 /NDF: 1679210.1/70

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1134.030 $\pm$ 251.695 χ^2 /NDF:48.2/17

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -47.561 $\pm$ 253.151 χ^2 /NDF:22.2/16

Left: -593.931 $\pm$ 178.488 χ^2 /NDF: 79.7/34

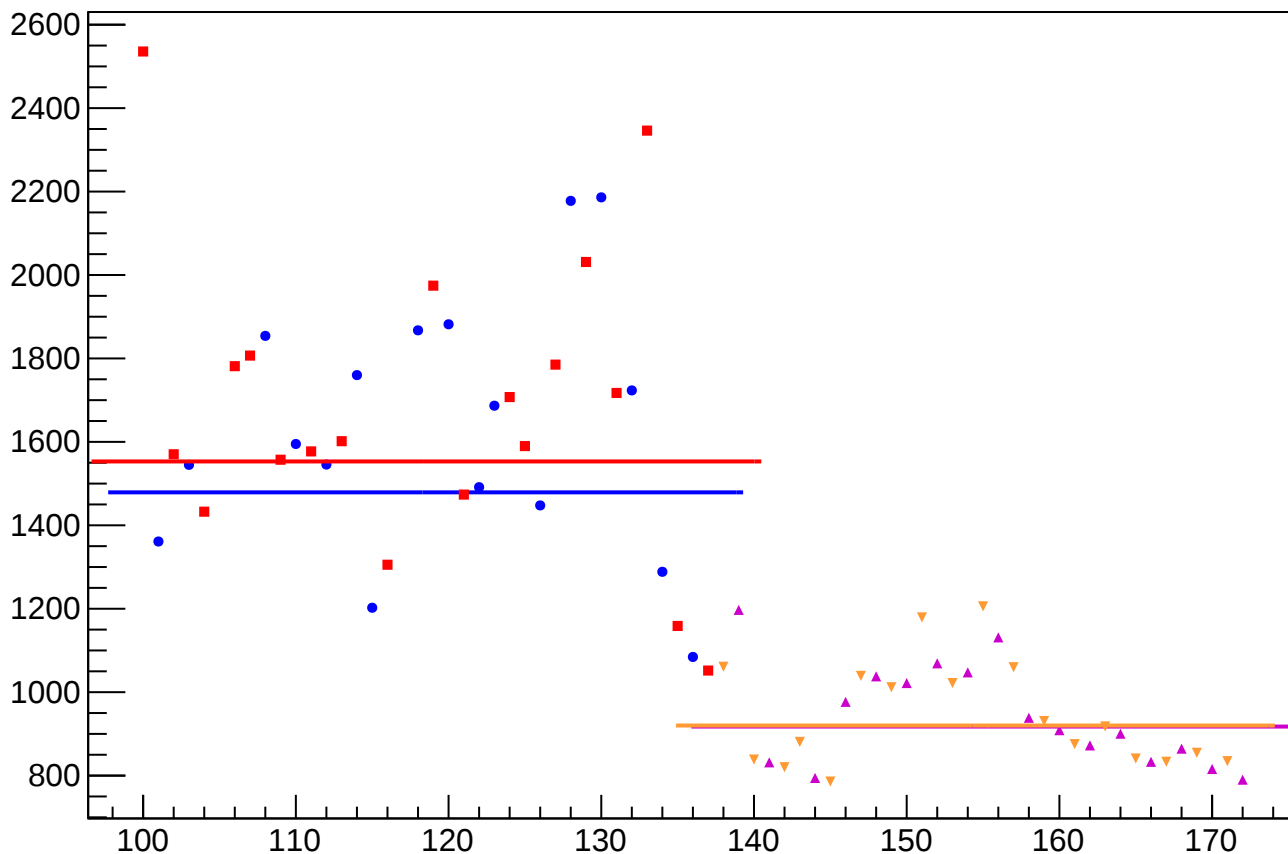
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -185.791 $\pm$ 232.454 χ^2 /NDF:45.0/33

Out: -839.046 $\pm$ 231.737 χ^2 /NDF:70.1/36

All: -513.427 $\pm$ 164.116 χ^2 /NDF: 119.1/70

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 χ^2/NDF : 589620.8/16

Left Out: 920.063 ± 0.178 χ^2/NDF : 399415.0/17

Right Out: 1553.074 ± 0.420 χ^2/NDF : 483784.4/18

Left In: 917.562 ± 0.179 χ^2/NDF : 393770.0/16

Left: 918.820 ± 0.126 χ^2/NDF : 793283.2/34

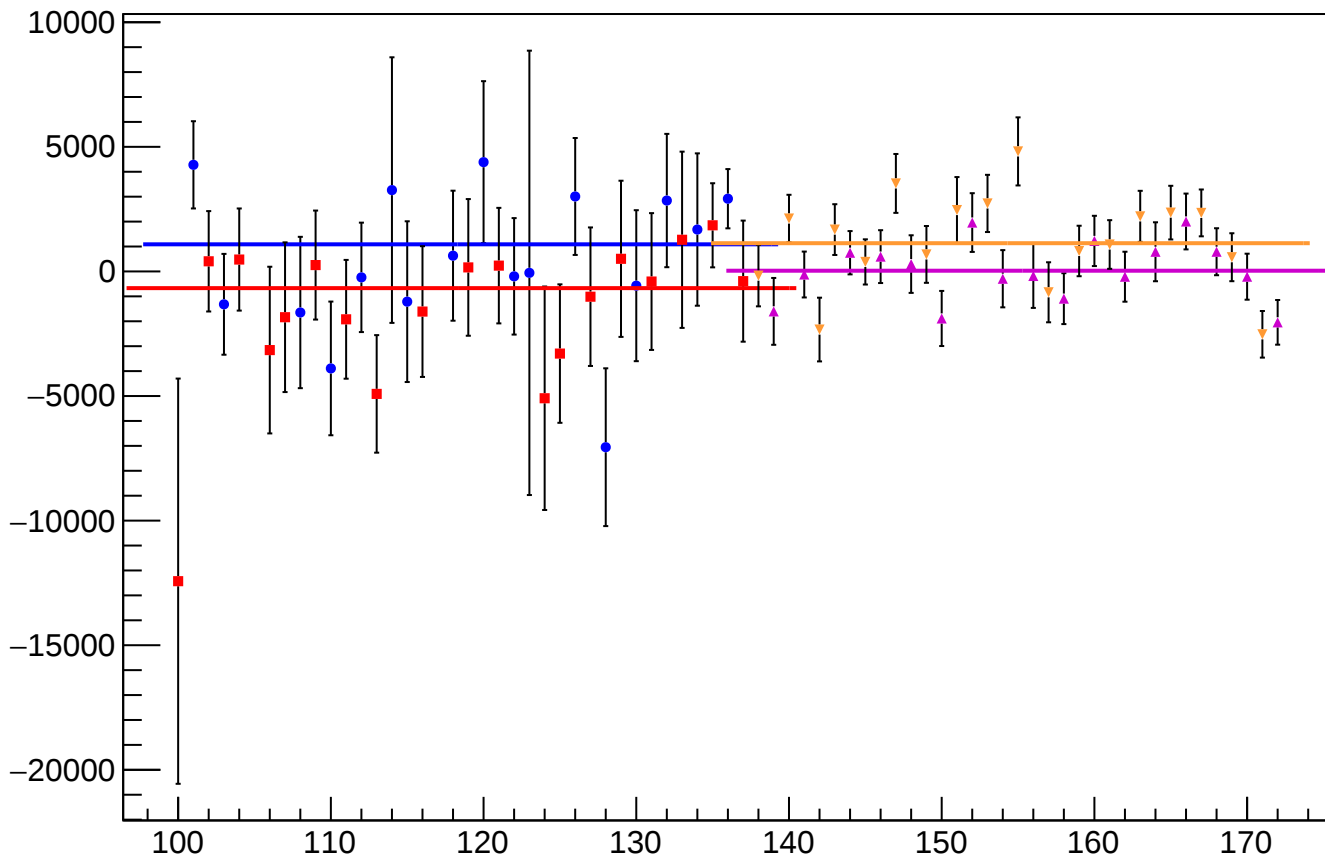
Right: 1515.603 ± 0.295 χ^2/NDF : 1089150.4/35

In: 1005.614 ± 0.164 χ^2/NDF : 2526170.1/33

Out: 1016.470 ± 0.164 χ^2/NDF : 2809835.2/36

All: 1011.059 ± 0.116 χ^2/NDF : 5338193.3/70

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1133.154 $\pm$ 251.669 χ^2 /NDF:47.5/17

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 28.830 $\pm$ 253.222 χ^2 /NDF:20.6/16

Left: 584.388 $\pm$ 178.503 χ^2 /NDF: 77.6/34

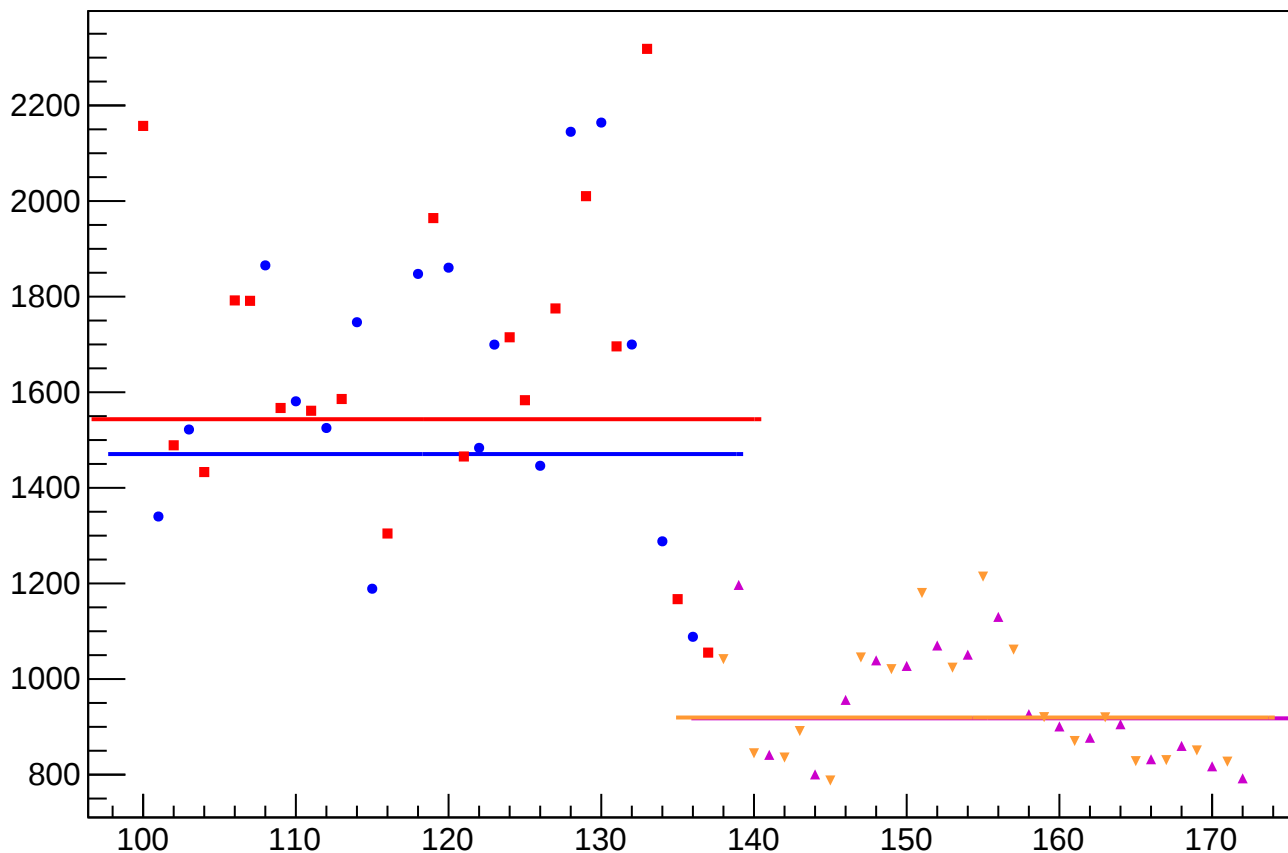
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 196.772 $\pm$ 232.280 χ^2 /NDF:45.2/33

Out: 855.539 $\pm$ 231.488 χ^2 /NDF:67.4/36

All: 527.281 $\pm$ 163.966 χ^2 /NDF: 116.7/70

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 919.531 $\pm$ 0.178 χ^2/NDF : 404724.1/17

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 917.809 $\pm$ 0.179 χ^2/NDF : 382561.4/16

Left: 918.675 $\pm$ 0.126 χ^2/NDF : 787332.0/34

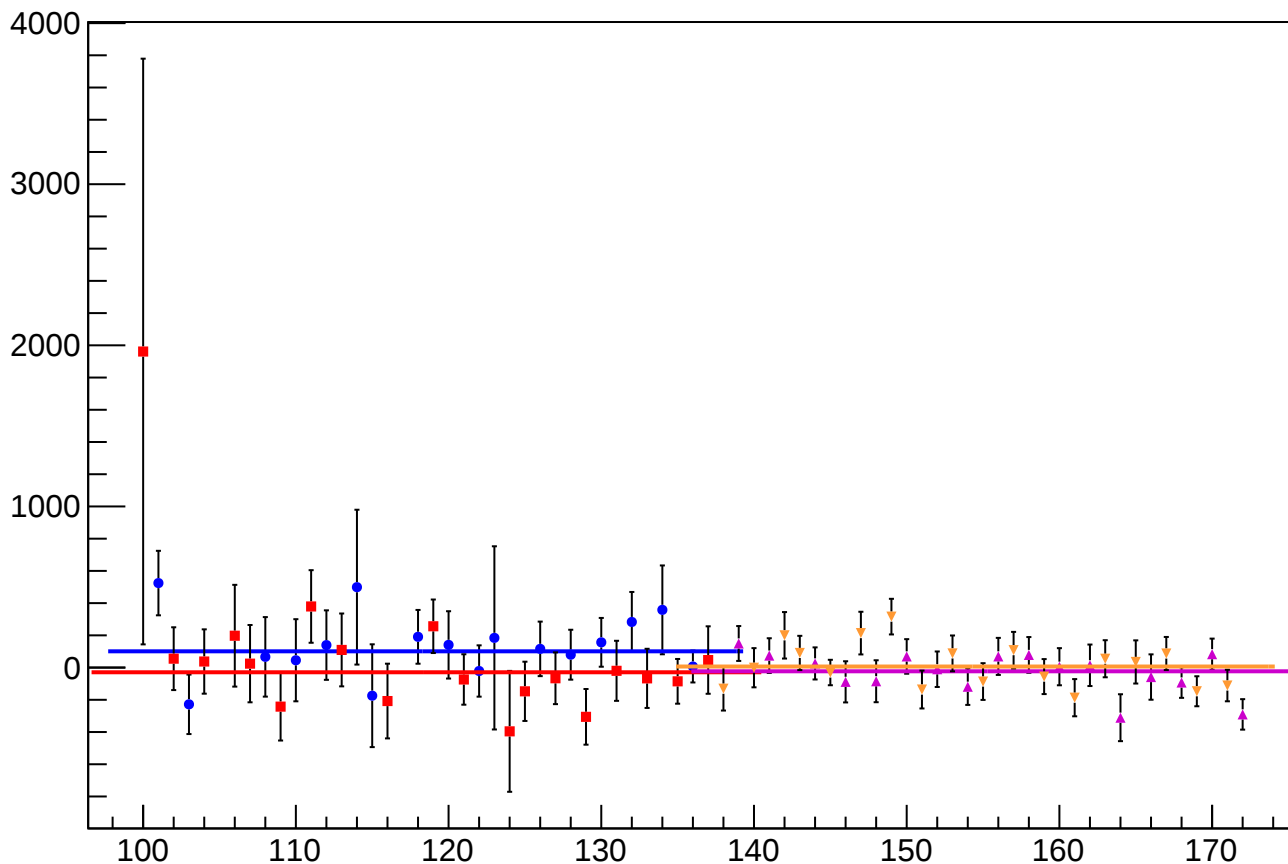
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1005.474 $\pm$ 0.164 χ^2/NDF : 2462039.7/33

Out: 1015.602 $\pm$ 0.164 χ^2/NDF : 2752137.5/36

All: 1010.555 $\pm$ 0.116 χ^2/NDF : 5216084.7/70

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 6.544 ± 26.069 $\chi^2/\text{NDF}: 25.6/17$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: -23.080 ± 27.112 $\chi^2/\text{NDF}: 20.9/16$

Left: -7.687 ± 18.791 $\chi^2/\text{NDF}: 47.2/34$

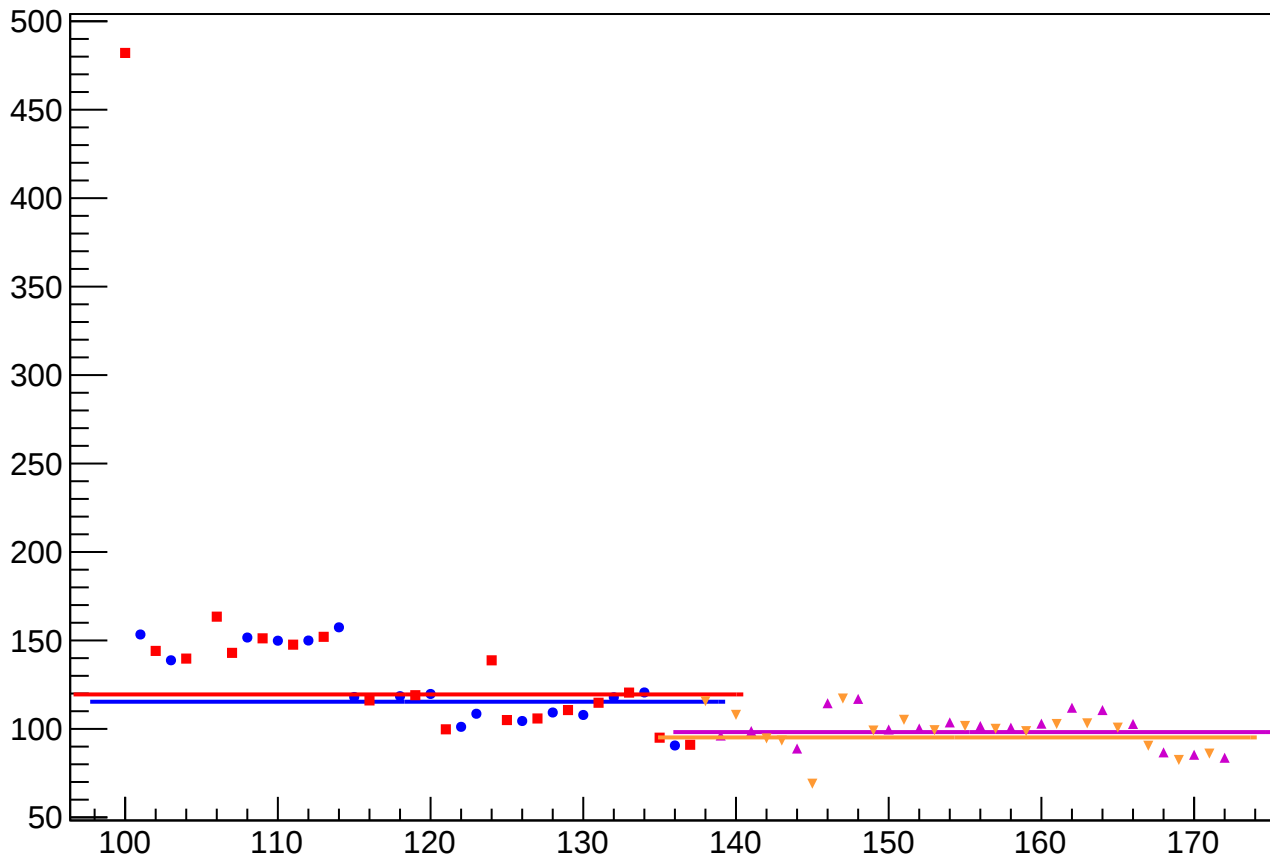
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 9.640 ± 23.261 $\chi^2/\text{NDF}: 39.5/33$

Out: -2.221 ± 22.643 $\chi^2/\text{NDF}: 40.8/36$

All: 3.550 ± 16.225 $\chi^2/\text{NDF}: 80.4/70$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 95.188 $\pm$ 0.018 χ^2/NDF : 455451.2/17

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 98.204 $\pm$ 0.019 χ^2/NDF : 255236.1/16

Left: 96.637 $\pm$ 0.013 χ^2/NDF : 723549.0/34

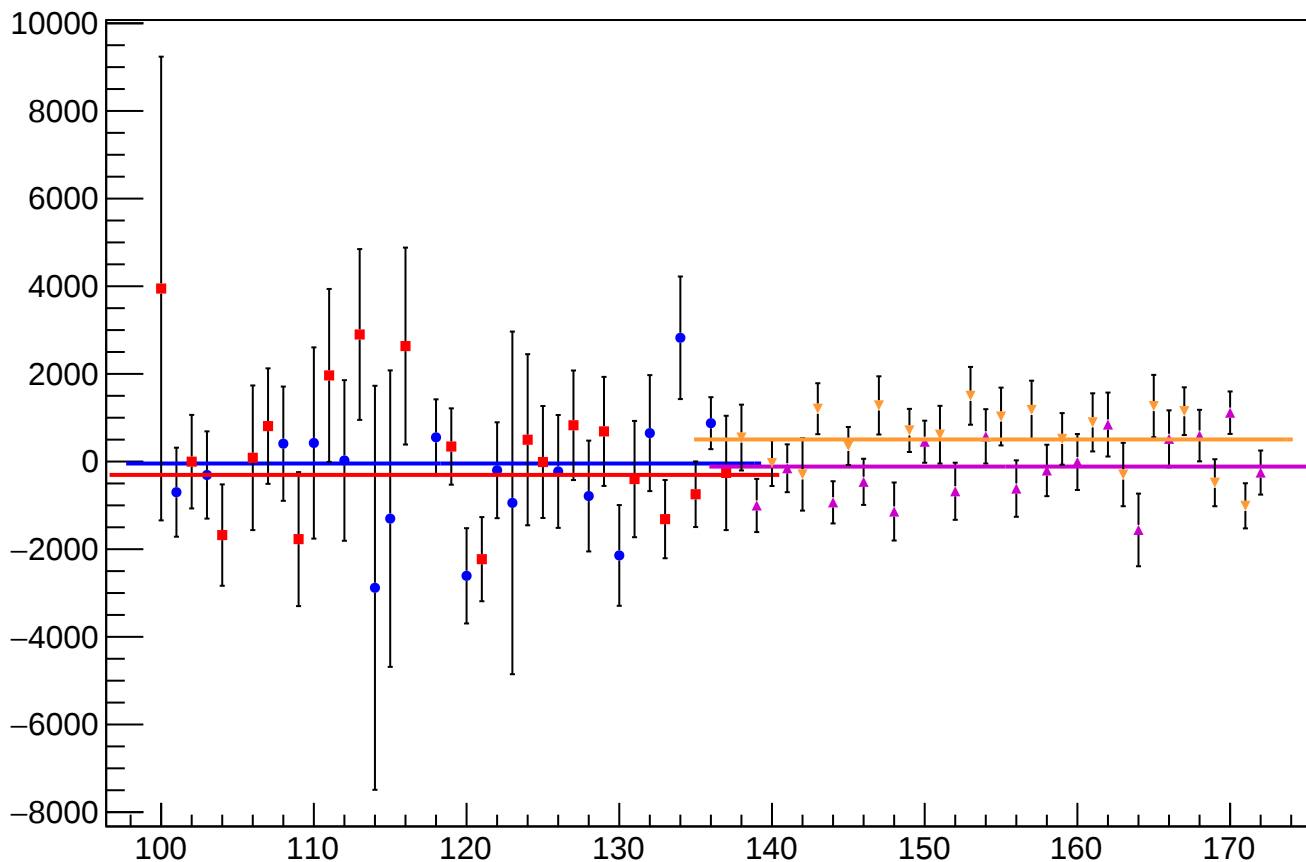
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 102.733 $\pm$ 0.016 χ^2/NDF : 878072.6/33

Out: 101.156 $\pm$ 0.016 χ^2/NDF : 1360271.8/36

All: 101.923 $\pm$ 0.011 χ^2/NDF : 2243064.9/70

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 504.342 ± 140.859 χ^2/NDF : 25.2/17

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -114.672 ± 141.207 χ^2/NDF : 25.6/16

Left: 195.598 ± 99.725 χ^2/NDF : 60.4/34

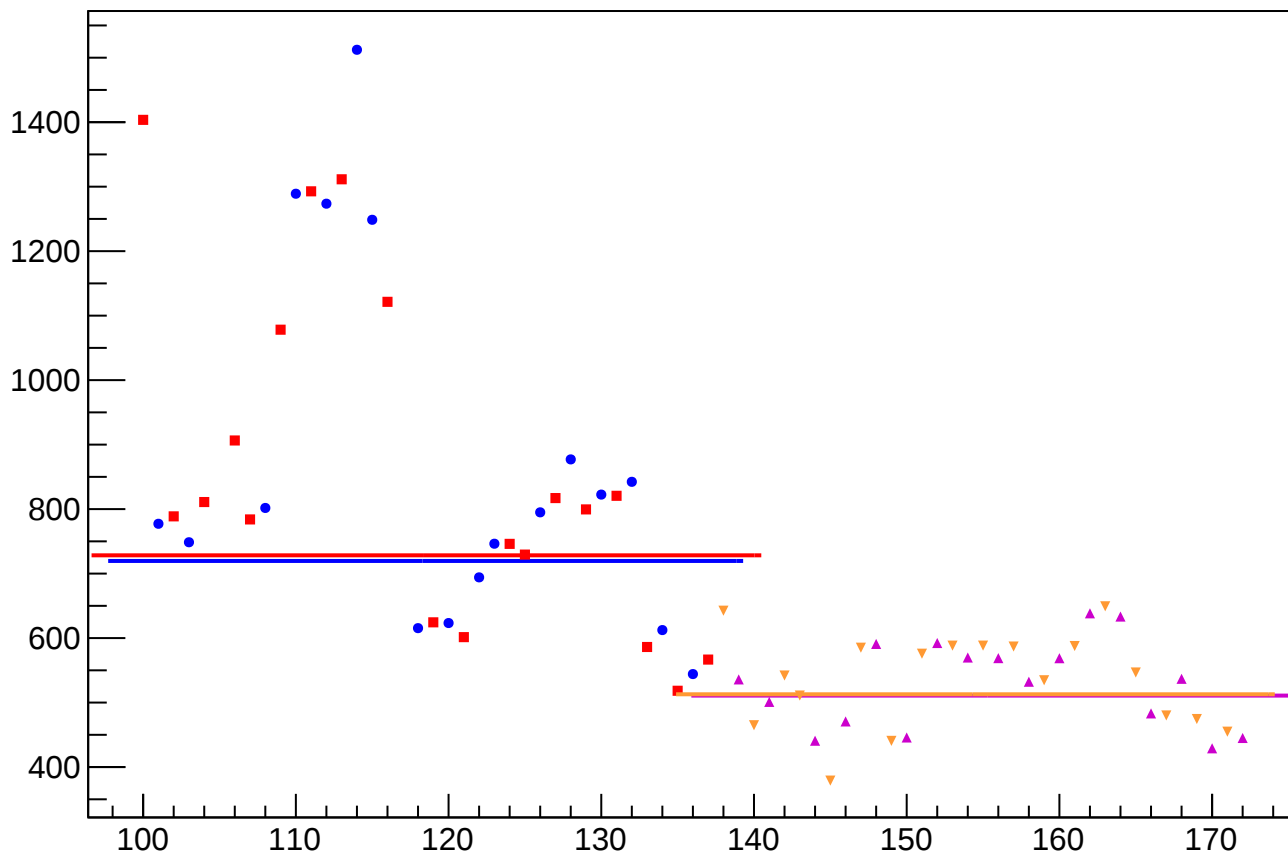
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -100.951 ± 126.640 χ^2/NDF : 43.5/33

Out: 343.421 ± 126.076 χ^2/NDF : 49.2/36

All: 122.226 ± 89.348 χ^2/NDF : 98.9/70

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 512.839 $\pm$ 0.100 χ^2 /NDF: 578507.9/17

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 510.814 $\pm$ 0.100 χ^2 /NDF: 412278.5/16

Left: 511.829 $\pm$ 0.071 χ^2 /NDF: 990992.5/34

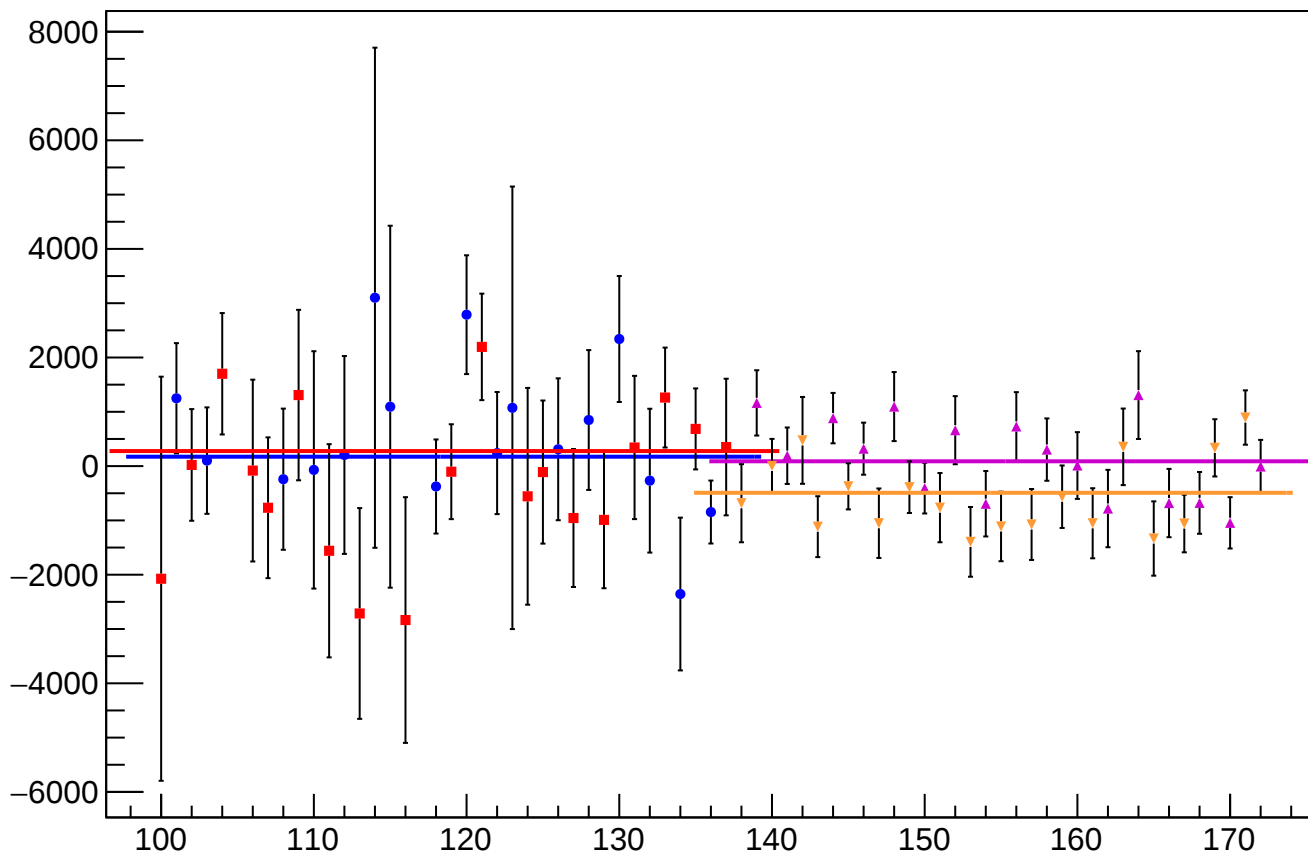
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 551.670 $\pm$ 0.090 χ^2 /NDF: 2014865.7/33

Out: 555.696 $\pm$ 0.089 χ^2 /NDF: 2423096.2/36

All: 553.692 $\pm$ 0.063 χ^2 /NDF: 4438976.7/70

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -491.493+/-136.737 χ^2/NDF :23.5/17

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 88.695+/-136.380 χ^2/NDF :26.6/16

Left: -200.642+/-96.561 χ^2/NDF : 59.2/34

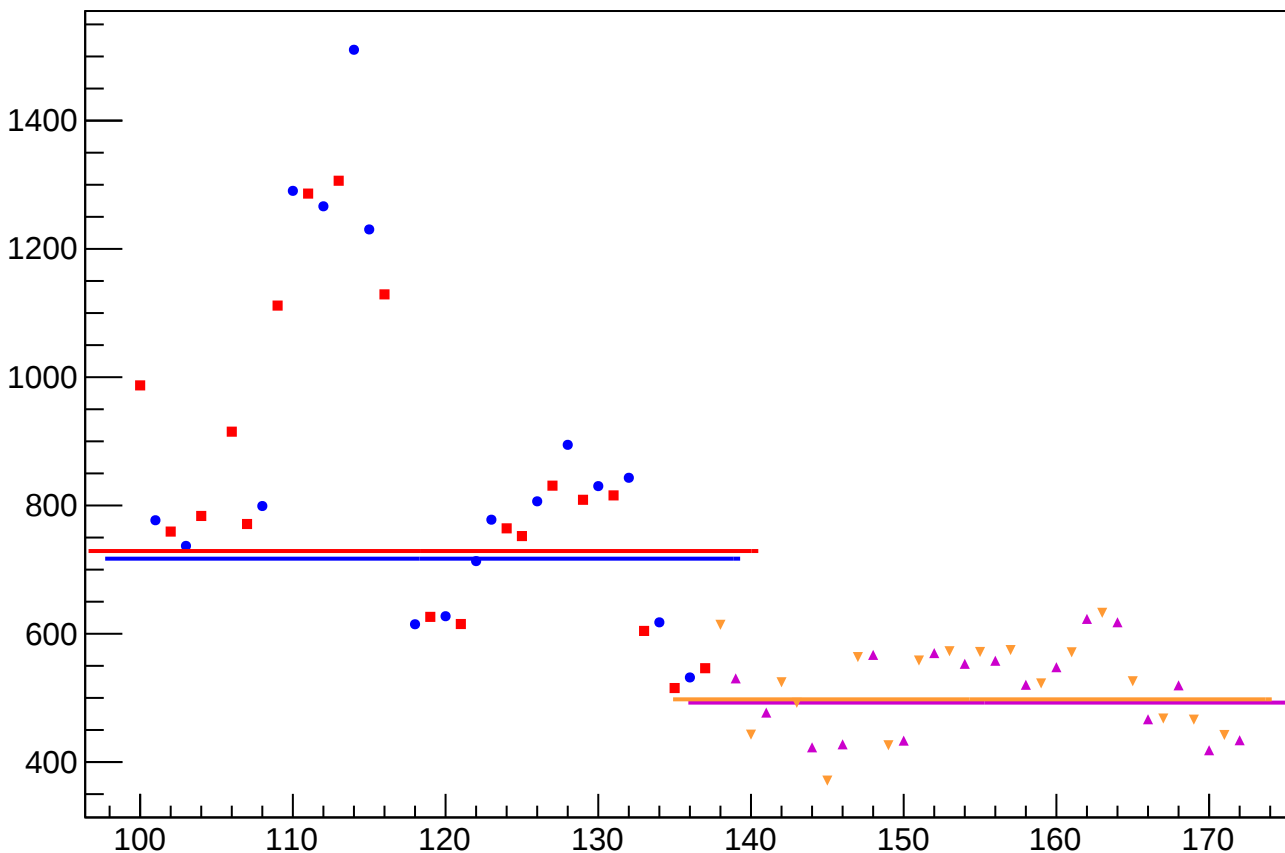
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 104.377+/-123.075 χ^2/NDF :44.8/33

Out: -345.786+/-123.096 χ^2/NDF :45.6/36

All: -120.665+/-87.035 χ^2/NDF : 97.0/70

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 497.778 $\pm$ 0.097 χ^2/NDF : 567245.5/17

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 492.669 $\pm$ 0.096 χ^2/NDF : 444914.3/16

Left: 495.217 $\pm$ 0.068 χ^2/NDF : 1013559.7/34

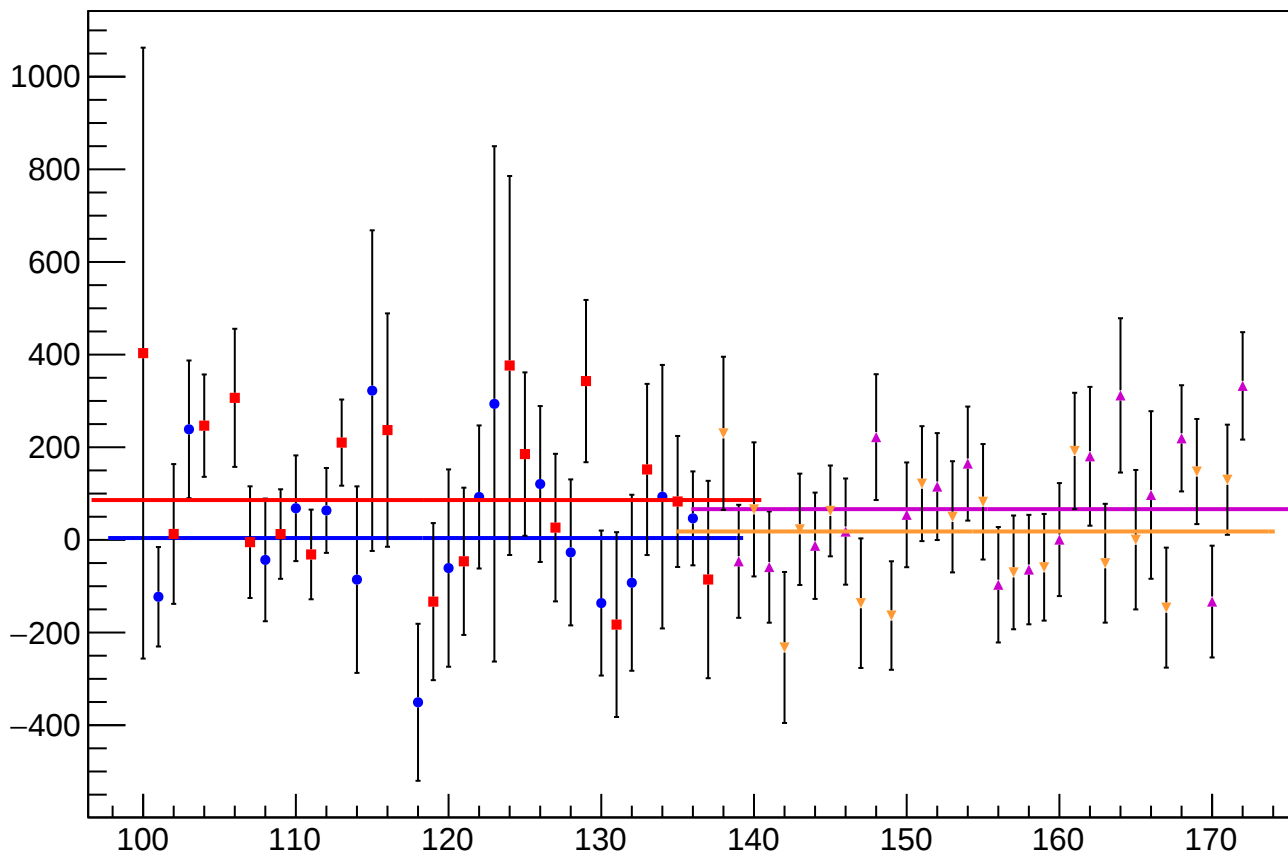
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 534.322 $\pm$ 0.087 χ^2/NDF : 2232504.3/33

Out: 541.607 $\pm$ 0.087 χ^2/NDF : 2541985.1/36

All: 537.964 $\pm$ 0.062 χ^2/NDF : 4777992.8/70

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2 /NDF: 12.7/16

Left Out: 18.166 $\pm$ 29.669 χ^2 /NDF:15.9/17

Right Out: 86.020 $\pm$ 33.370 χ^2 /NDF: 17.6/18

Left In: 66.404 $\pm$ 30.214 χ^2 /NDF:20.5/16

Left: 41.846 $\pm$ 21.169 χ^2 /NDF: 37.8/34

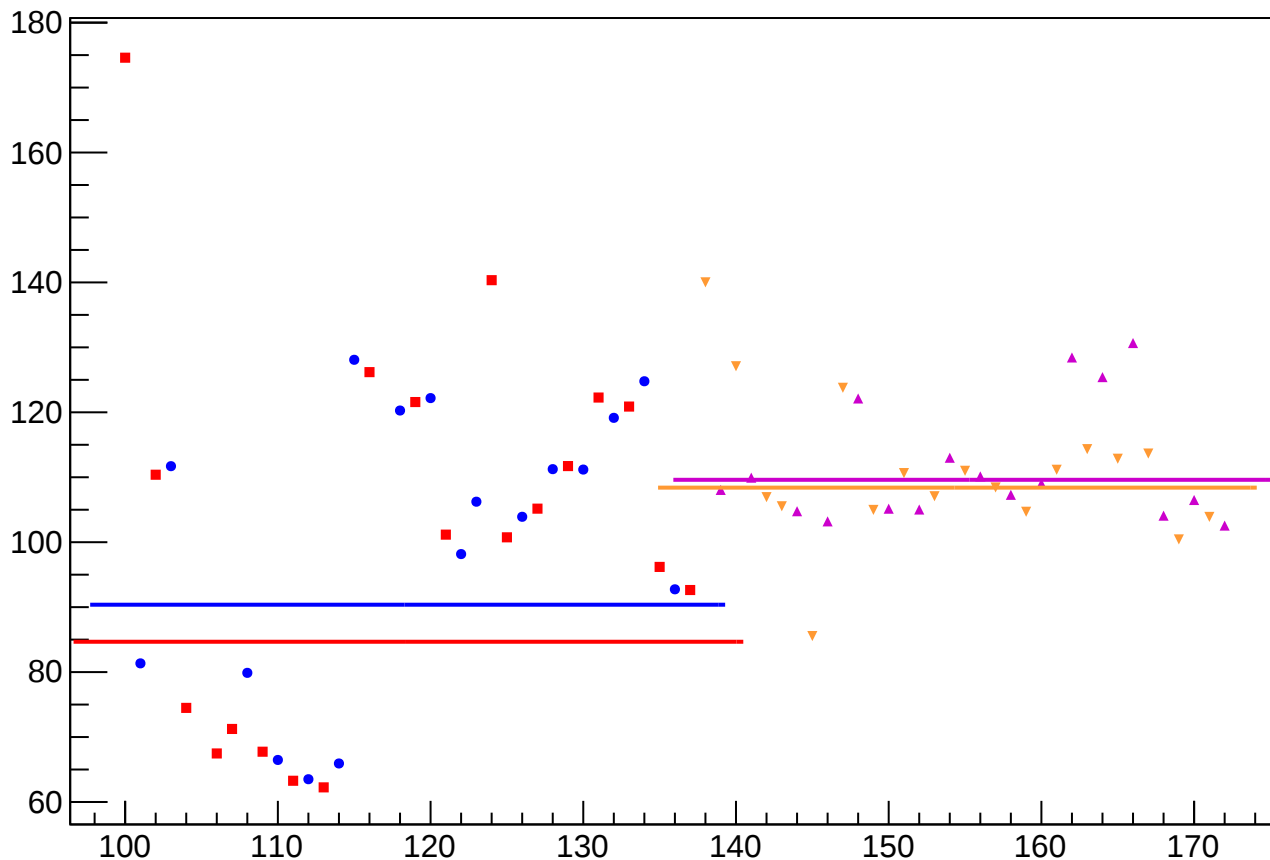
Right: 48.064 $\pm$ 24.458 χ^2 /NDF: 33.1/35

In: 40.576 $\pm$ 23.130 χ^2 /NDF:35.0/33

Out: 48.123 $\pm$ 22.173 χ^2 /NDF:35.8/36

All: 44.509 $\pm$ 16.006 χ^2 /NDF: 70.9/70

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.402 $\pm$ 0.021 χ^2 /NDF: 269111.4/17

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 109.608 $\pm$ 0.021 χ^2 /NDF: 125802.1/16

Left: 108.994 $\pm$ 0.015 χ^2 /NDF: 396534.8/34

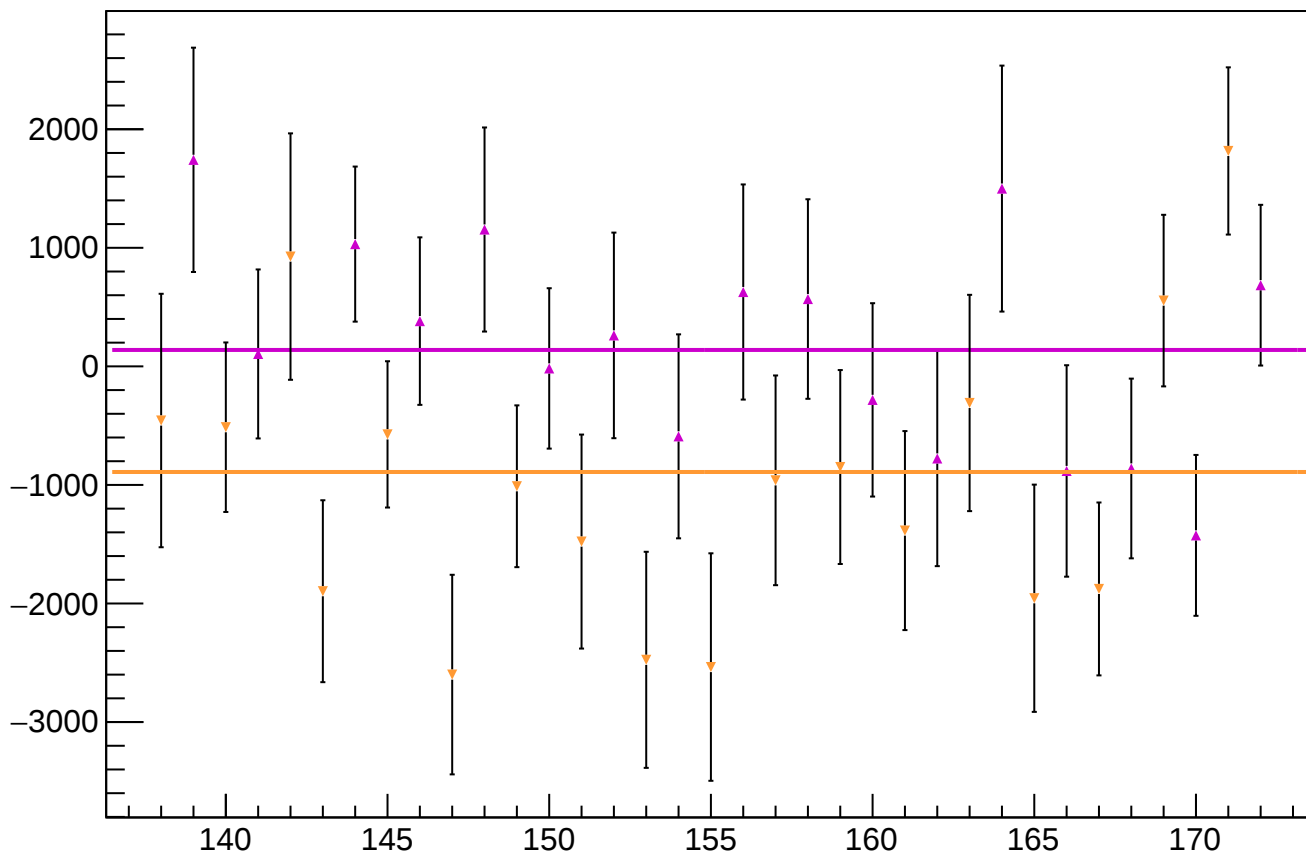
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.646 $\pm$ 0.016 χ^2 /NDF: 1115405.3/33

Out: 97.926 $\pm$ 0.016 χ^2 /NDF: 1742068.8/36

All: 99.708 $\pm$ 0.011 χ^2 /NDF: 2884441.2/70

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -890.844 ± 190.876 $\chi^2/\text{NDF}: 38.6/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 138.439 ± 191.510 $\chi^2/\text{NDF}: 19.6/16$

Left: -377.911 ± 135.193 $\chi^2/\text{NDF}: 72.7/34$

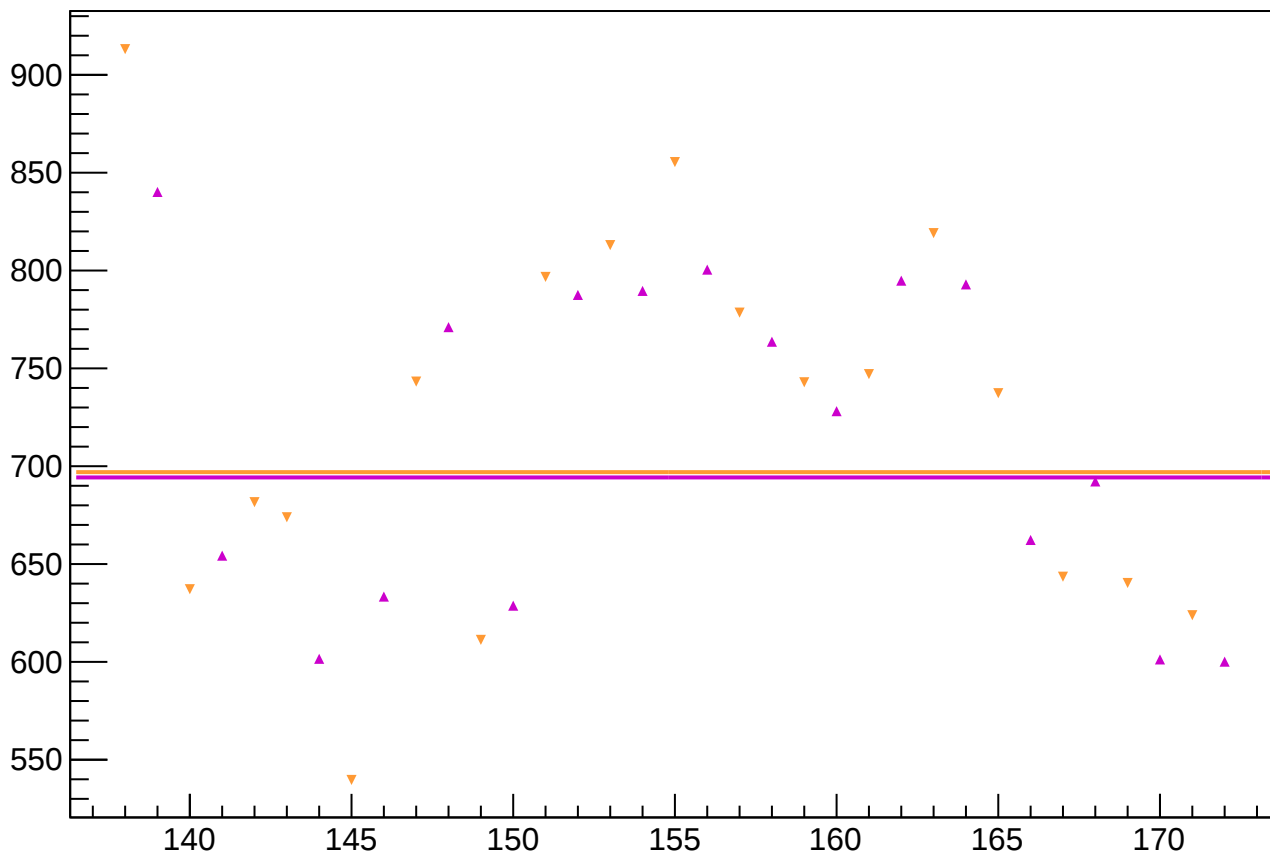
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 138.439 ± 191.510 $\chi^2/\text{NDF}: 19.6/16$

Out: -890.844 ± 190.876 $\chi^2/\text{NDF}: 38.6/17$

All: -377.911 ± 135.193 $\chi^2/\text{NDF}: 72.7/34$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

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

Left In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Left: 695.620+/-0.096 χ^2/NDF : 848776.0/34

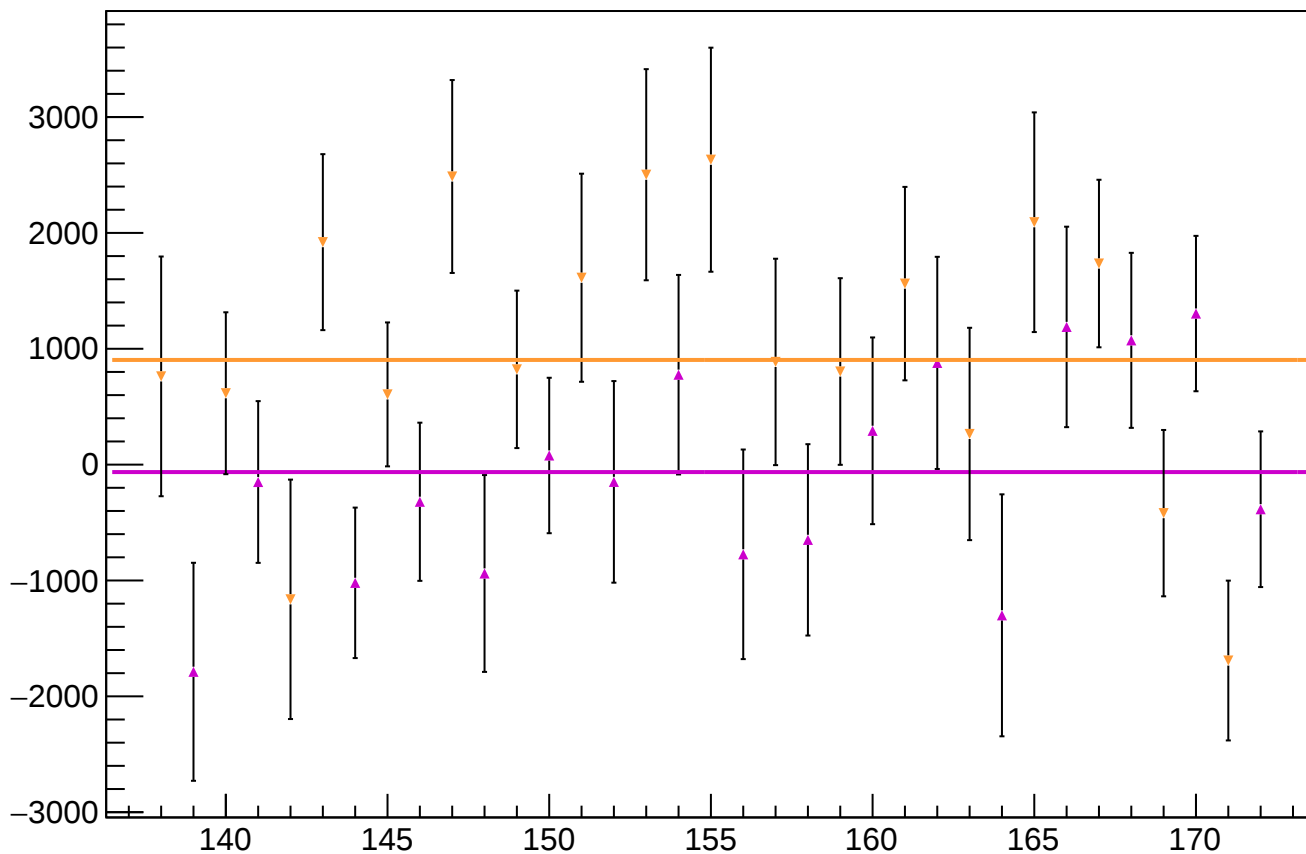
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

All: 695.620+/-0.096 χ^2/NDF : 848776.0/34

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 903.597+/-189.448 χ^2/NDF : 38.3/17

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

Left In: -64.306+/-189.517 χ^2/NDF : 20.3/16

Left: 419.823+/-133.984 χ^2/NDF : 71.6/34

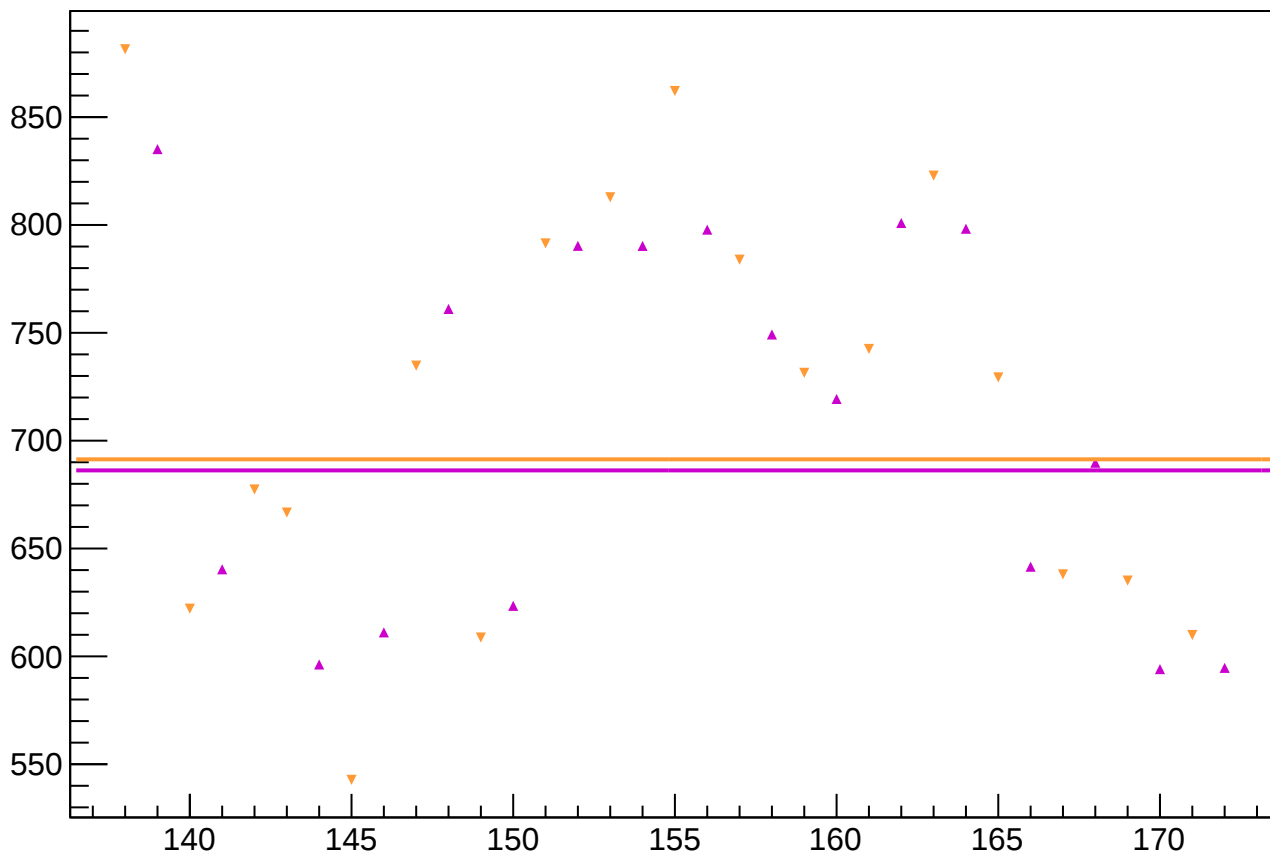
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.306+/-189.517 χ^2/NDF : 20.3/16

Out: 903.597+/-189.448 χ^2/NDF : 38.3/17

All: 419.823+/-133.984 χ^2/NDF : 71.6/34

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

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

Left In: 686.222+/-0.134 χ^2/NDF : 392388.5/16

Left: 688.789+/-0.095 χ^2/NDF : 884542.4/34

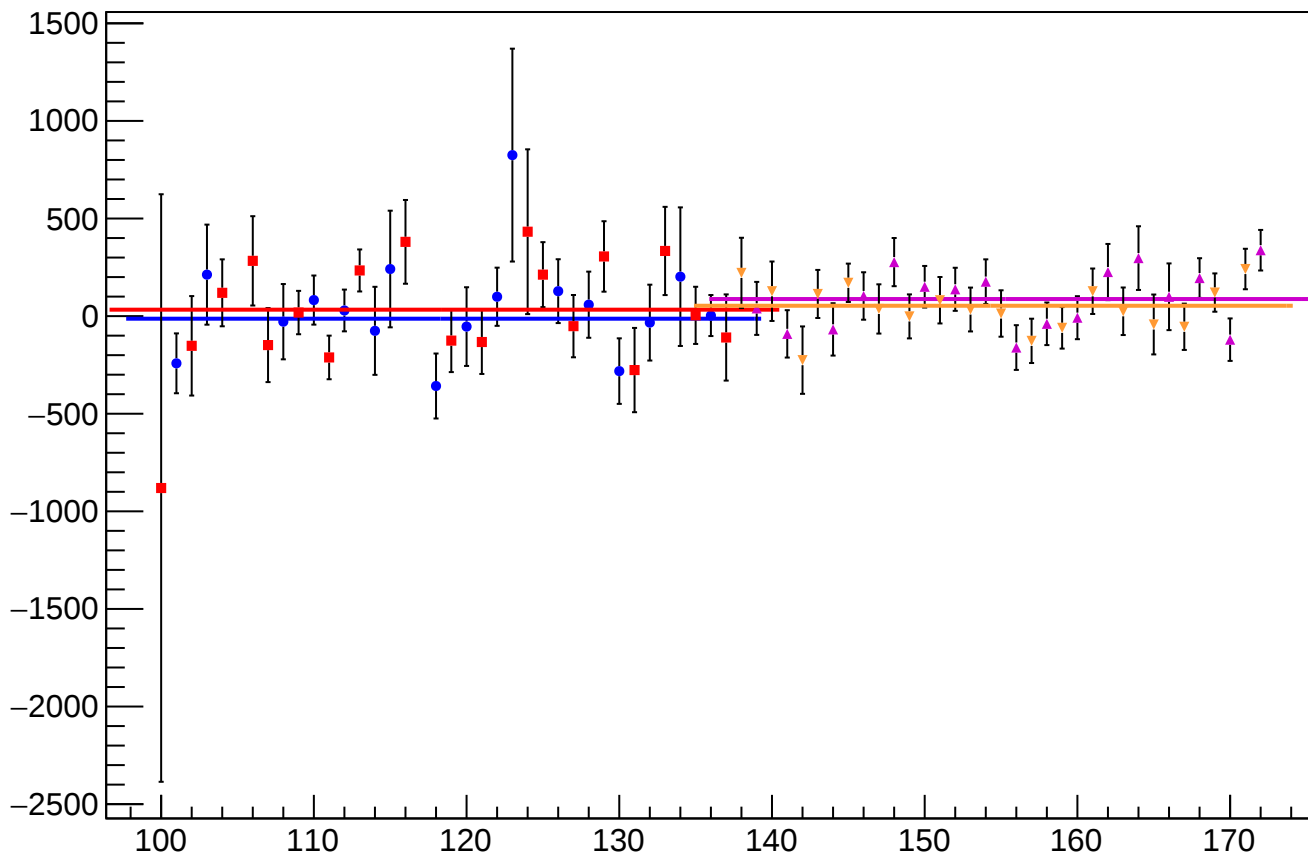
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.222+/-0.134 χ^2/NDF : 392388.5/16

Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

All: 688.789+/-0.095 χ^2/NDF : 884542.4/34

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 53.132 ± 28.206 χ^2/NDF : 14.9/17

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 87.547 ± 28.935 χ^2/NDF : 27.1/16

Left: 69.901 ± 20.197 χ^2/NDF : 42.8/34

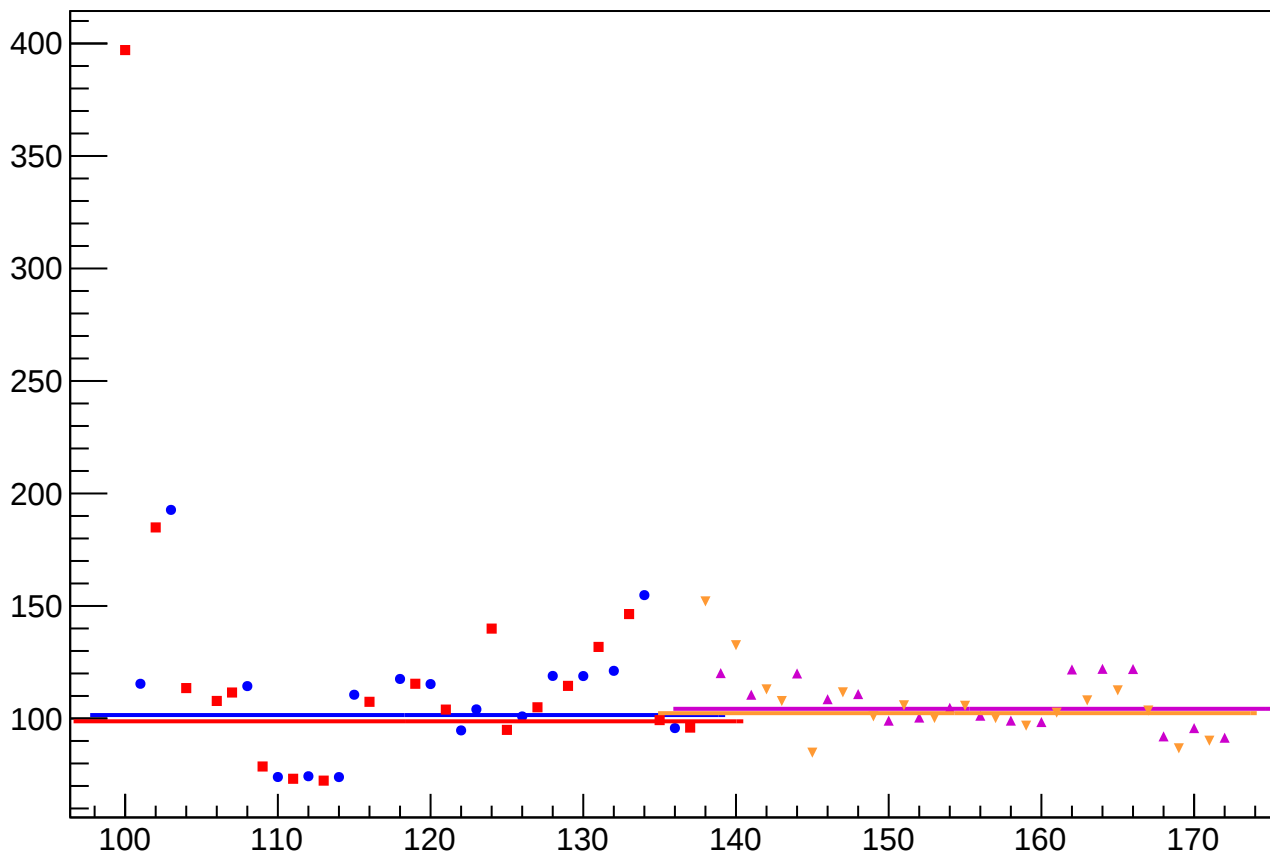
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 53.556 ± 23.554 χ^2/NDF : 46.9/33

Out: 46.199 ± 22.830 χ^2/NDF : 40.2/36

All: 49.763 ± 16.393 χ^2/NDF : 87.1/70

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.353 $\pm$ 0.020 χ^2 /NDF: 419397.7/17

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 104.292 $\pm$ 0.020 χ^2 /NDF: 234057.9/16

Left: 103.298 $\pm$ 0.014 χ^2 /NDF: 658059.8/34

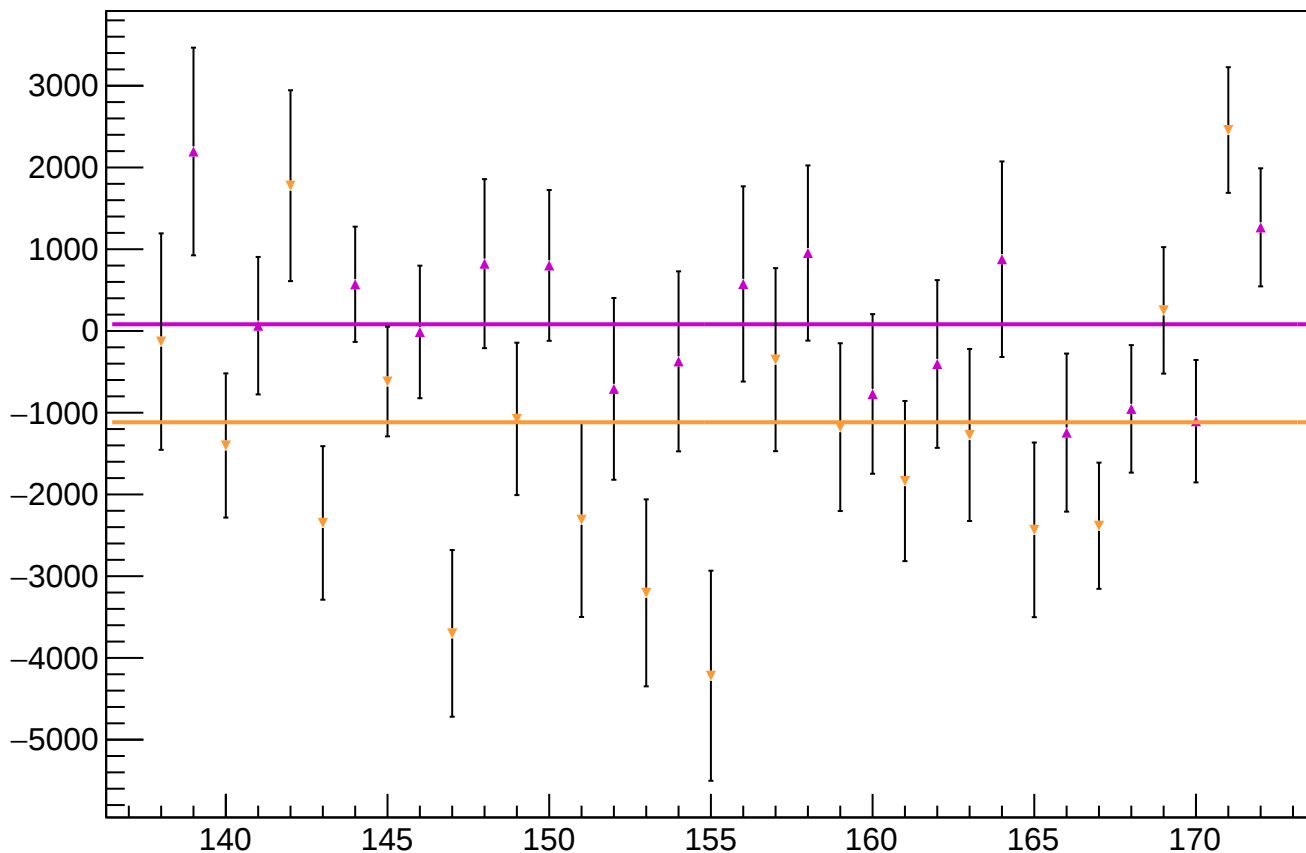
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.357 $\pm$ 0.017 χ^2 /NDF: 921968.8/33

Out: 101.106 $\pm$ 0.016 χ^2 /NDF: 1256374.4/36

All: 102.196 $\pm$ 0.012 χ^2 /NDF: 2187759.4/70

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

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

Left In: 81.866+/-223.646 χ^2/NDF :16.2/16

Left: -513.667+/-158.634 χ^2/NDF : 86.1/34

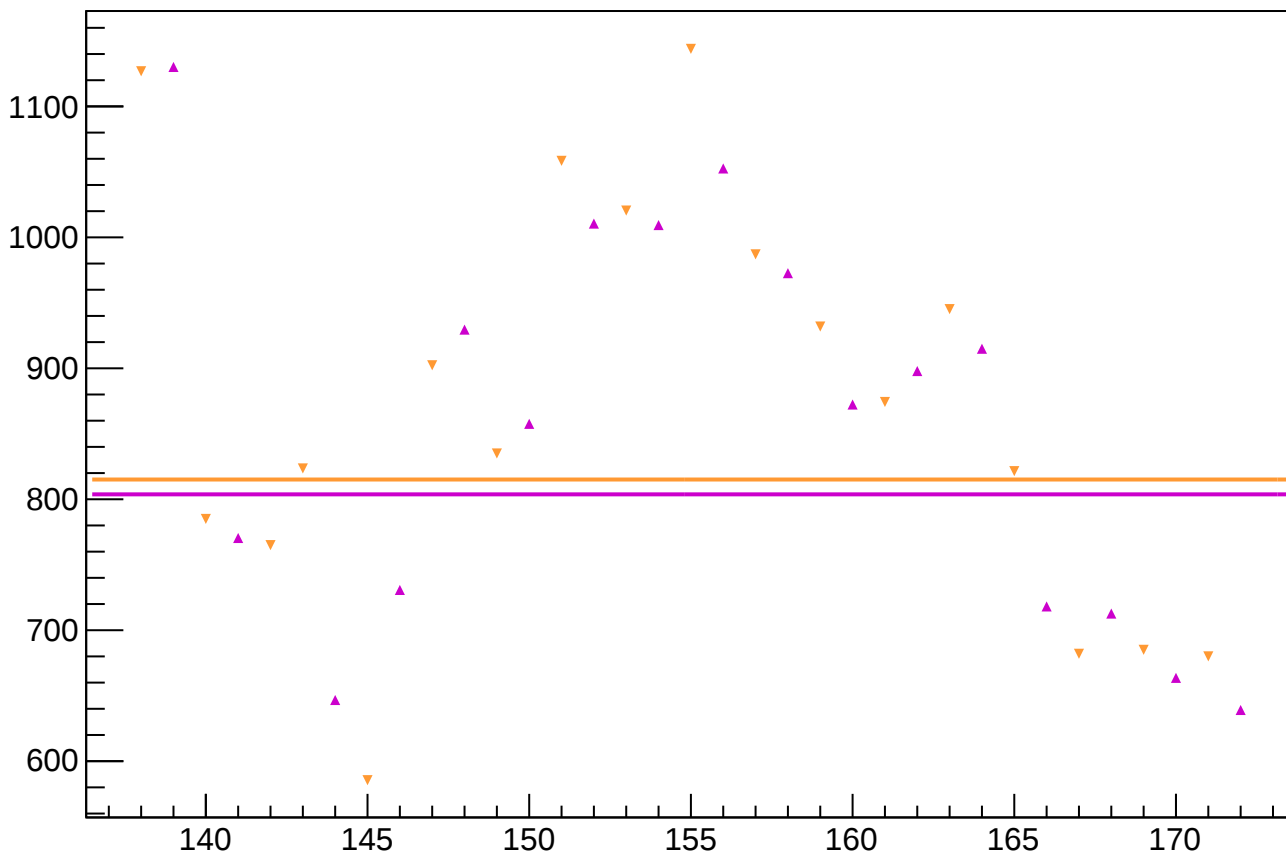
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.866+/-223.646 χ^2/NDF :16.2/16

Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

All: -513.667+/-158.634 χ^2/NDF : 86.1/34

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

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

Left In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Left: 809.384+/-0.112 χ^2/NDF : 1760833.3/34

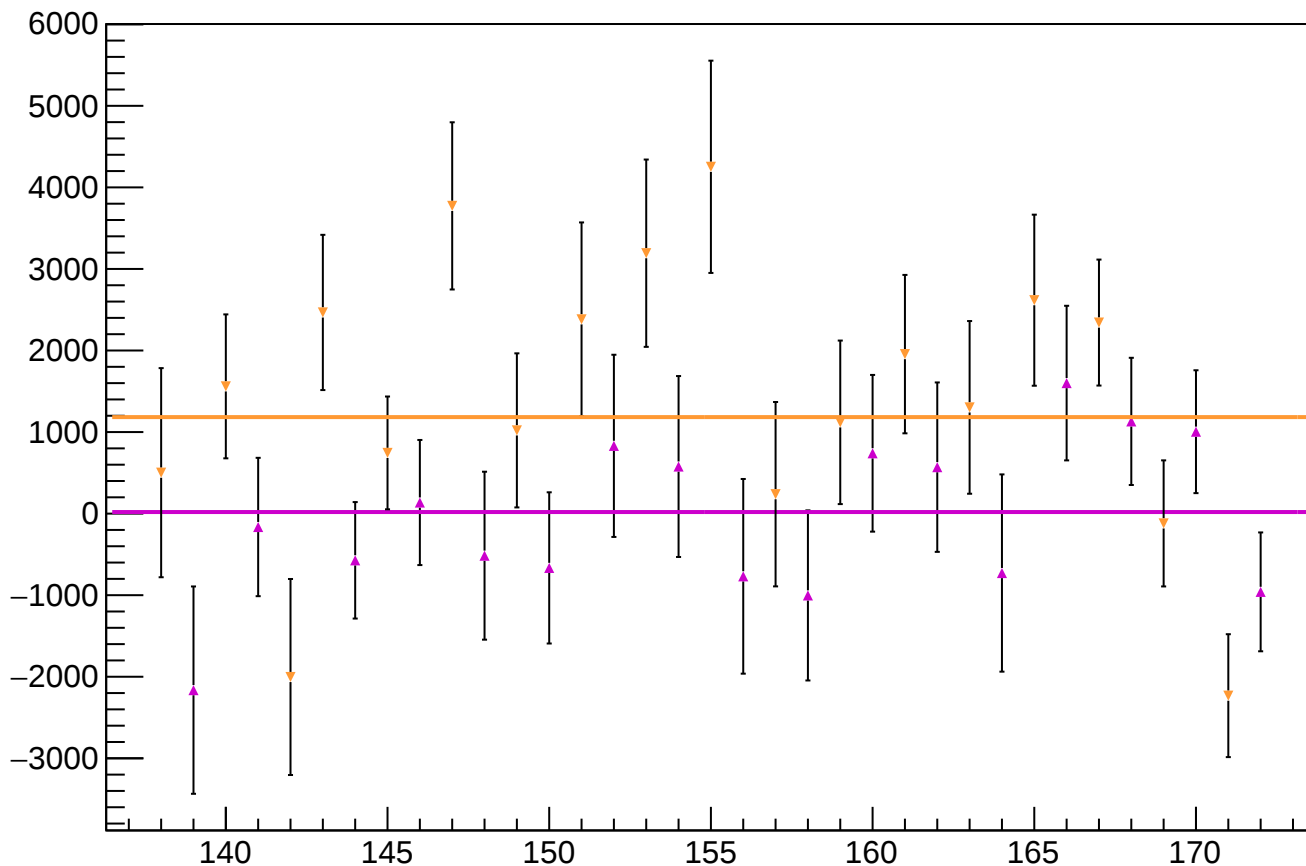
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

All: 809.384+/-0.112 χ^2/NDF : 1760833.3/34

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1183.431+/-225.520 χ^2/NDF : 54.6/17

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

Left In: 19.419+/-222.986 χ^2/NDF : 16.3/16

Left: 594.850+/-158.563 χ^2/NDF : 84.4/34

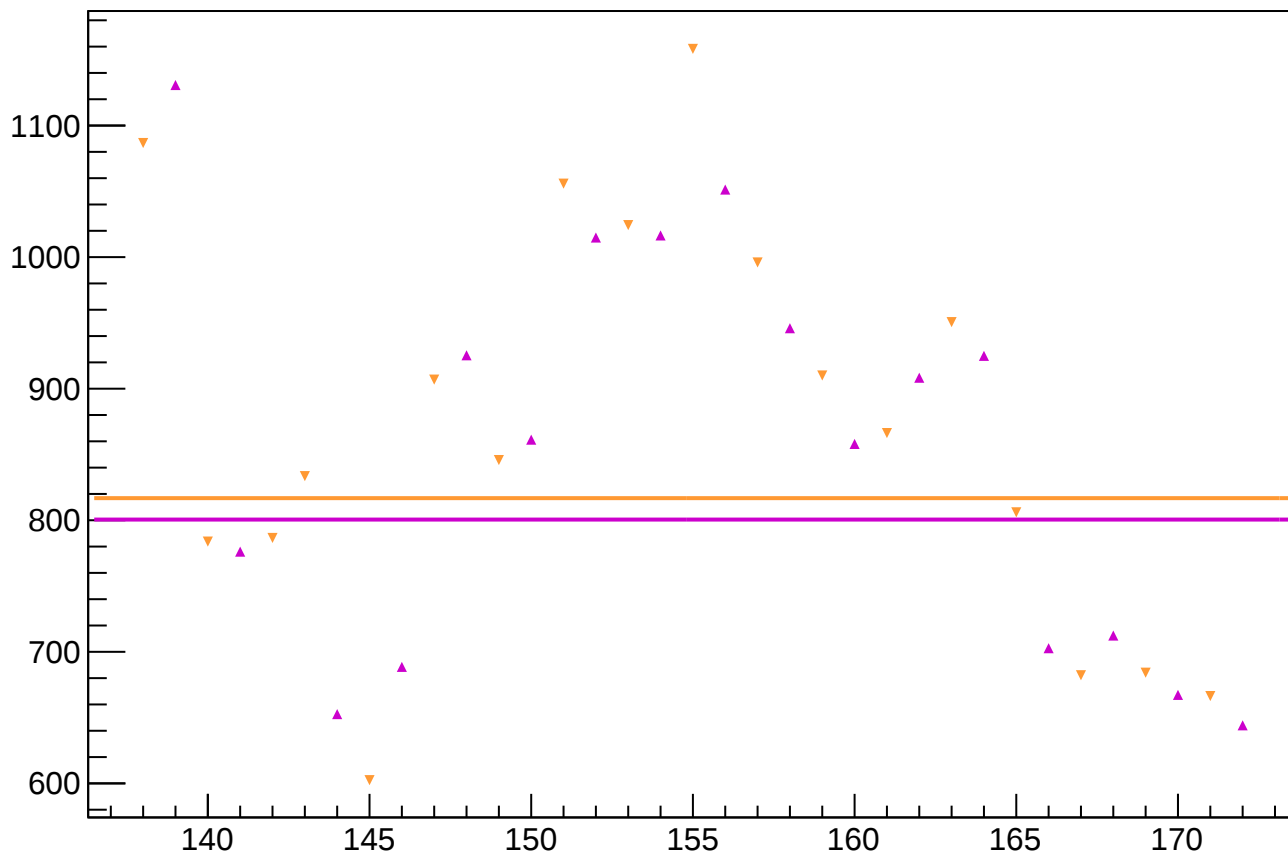
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.419+/-222.986 χ^2/NDF : 16.3/16

Out: 1183.431+/-225.520 χ^2/NDF : 54.6/17

All: 594.850+/-158.563 χ^2/NDF : 84.4/34

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 816.805+/-0.159 χ^2/NDF :891103.2/17

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

Left In: 800.524+/-0.158 χ^2/NDF :831247.1/16

Left: 808.573+/-0.112 χ^2/NDF : 1727621.2/34

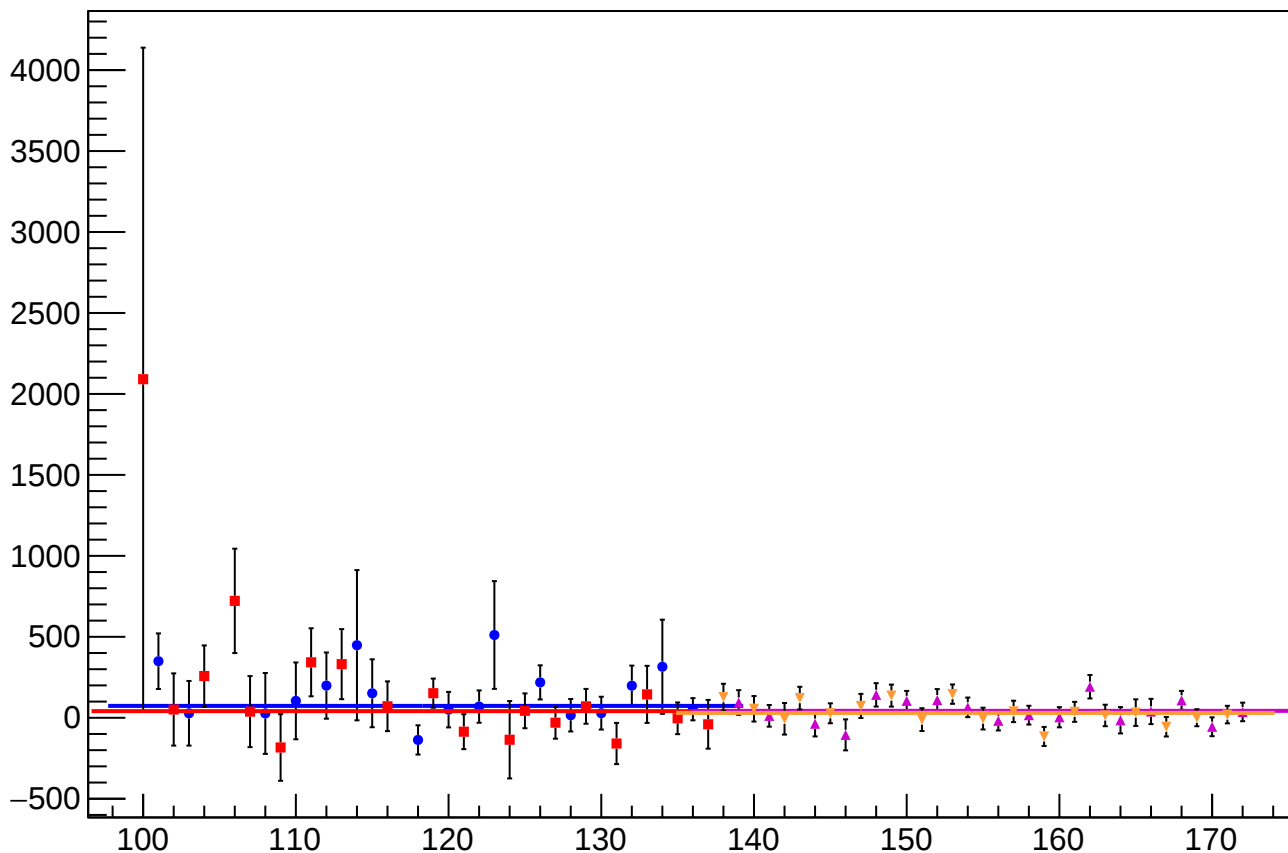
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 800.524+/-0.158 χ^2/NDF :831247.1/16

Out: 816.805+/-0.159 χ^2/NDF :891103.2/17

All: 808.573+/-0.112 χ^2/NDF : 1727621.2/34

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 30.176 $\pm$ 15.590 χ^2 /NDF:19.1/17

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 42.856 $\pm$ 16.121 χ^2 /NDF:18.6/16

Left: 36.303 $\pm$ 11.207 χ^2 /NDF: 38.0/34

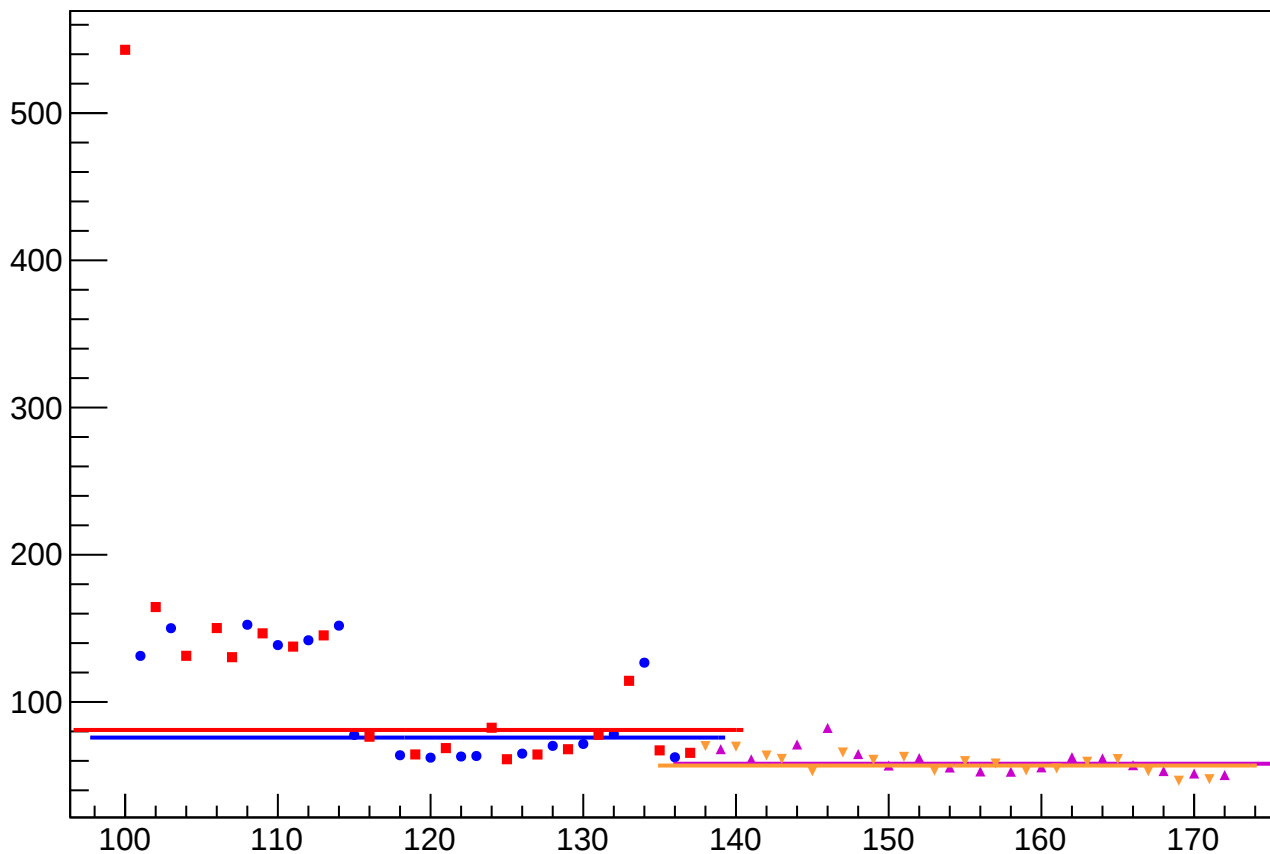
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 49.348 $\pm$ 14.309 χ^2 /NDF:34.6/33

Out: 32.199 $\pm$ 14.075 χ^2 /NDF:38.4/36

All: 40.632 $\pm$ 10.034 χ^2 /NDF: 73.7/70

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 56.823 $\pm$ 0.011 χ^2/NDF : 351844.5/17

Right Out: 80.999 $\pm$ 0.023 χ^2/NDF : 1627899.8/18

Left In: 58.061 $\pm$ 0.011 χ^2/NDF : 373844.8/16

Left: 57.421 $\pm$ 0.008 χ^2/NDF : 731782.8/34

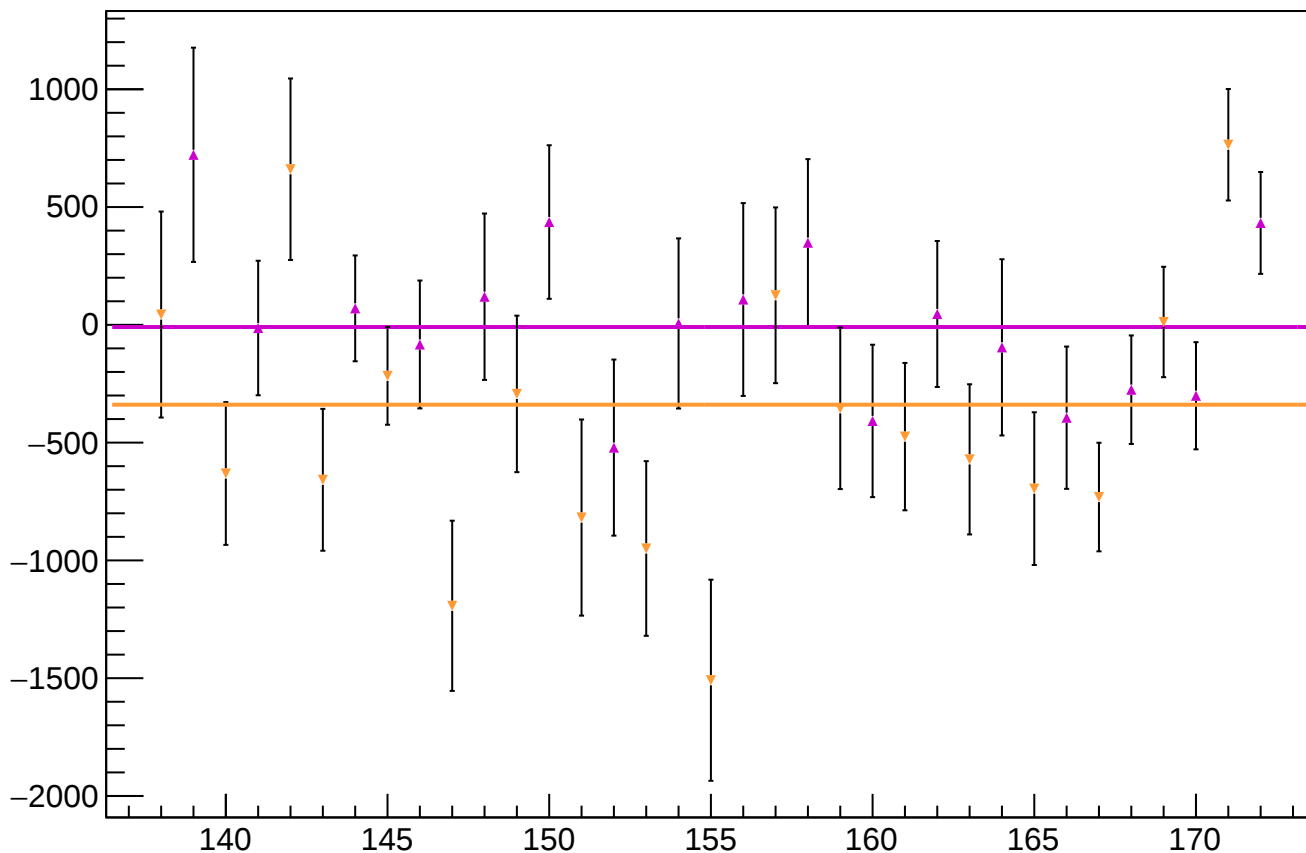
Right: 78.273 $\pm$ 0.016 χ^2/NDF : 3004207.0/35

In: 61.830 $\pm$ 0.010 χ^2/NDF : 2238835.8/33

Out: 61.292 $\pm$ 0.010 χ^2/NDF : 2868709.5/36

All: 61.556 $\pm$ 0.007 χ^2/NDF : 5108984.6/70

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -339.078 $\pm$ 72.068 χ^2 /NDF:57.4/17

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

Left In: -9.285 $\pm$ 71.736 χ^2 /NDF:18.1/16

Left: -173.420 $\pm$ 50.842 χ^2 /NDF: 86.1/34

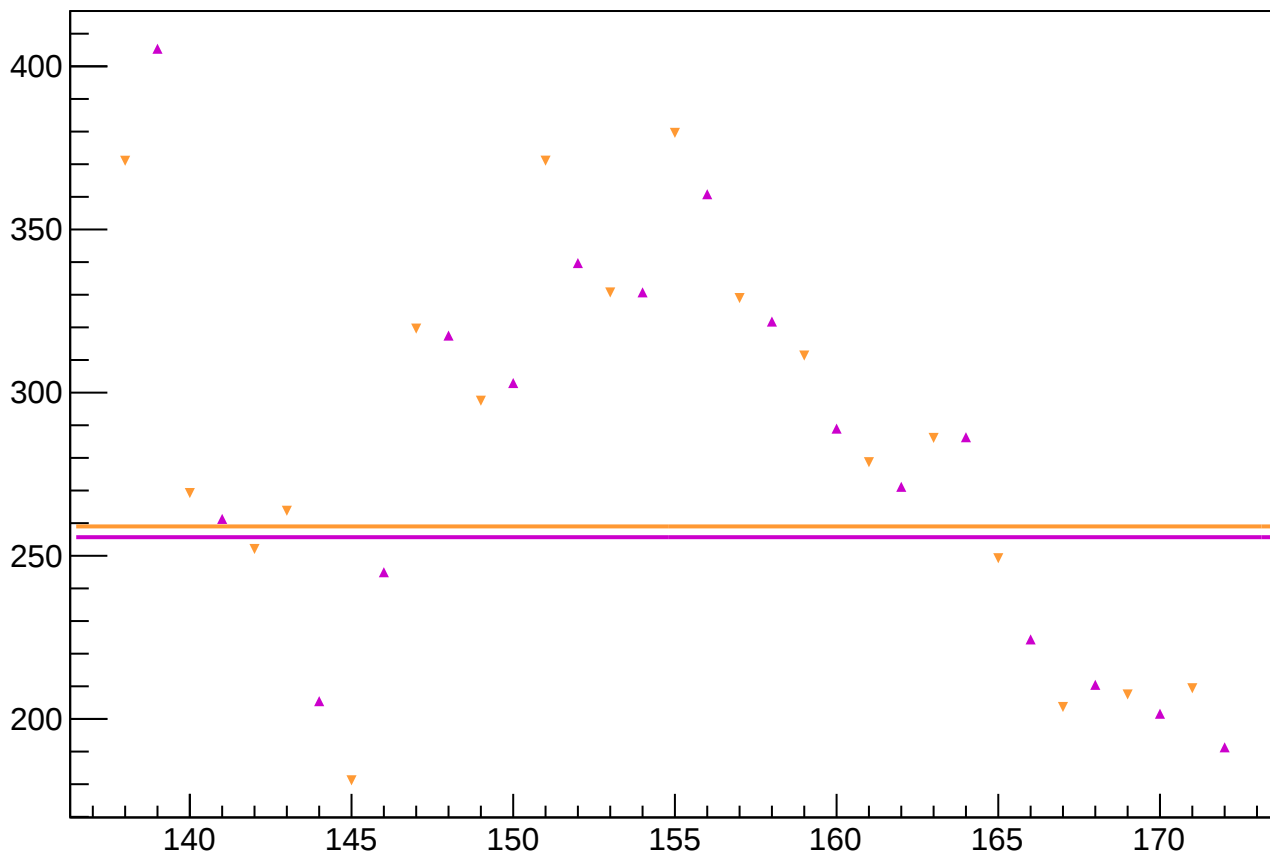
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.285 $\pm$ 71.736 χ^2 /NDF:18.1/16

Out: -339.078 $\pm$ 72.068 χ^2 /NDF:57.4/17

All: -173.420 $\pm$ 50.842 χ^2 /NDF: 86.1/34

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

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

Left In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Left: 257.341+/-0.036 χ^2/NDF : 2563140.4/34

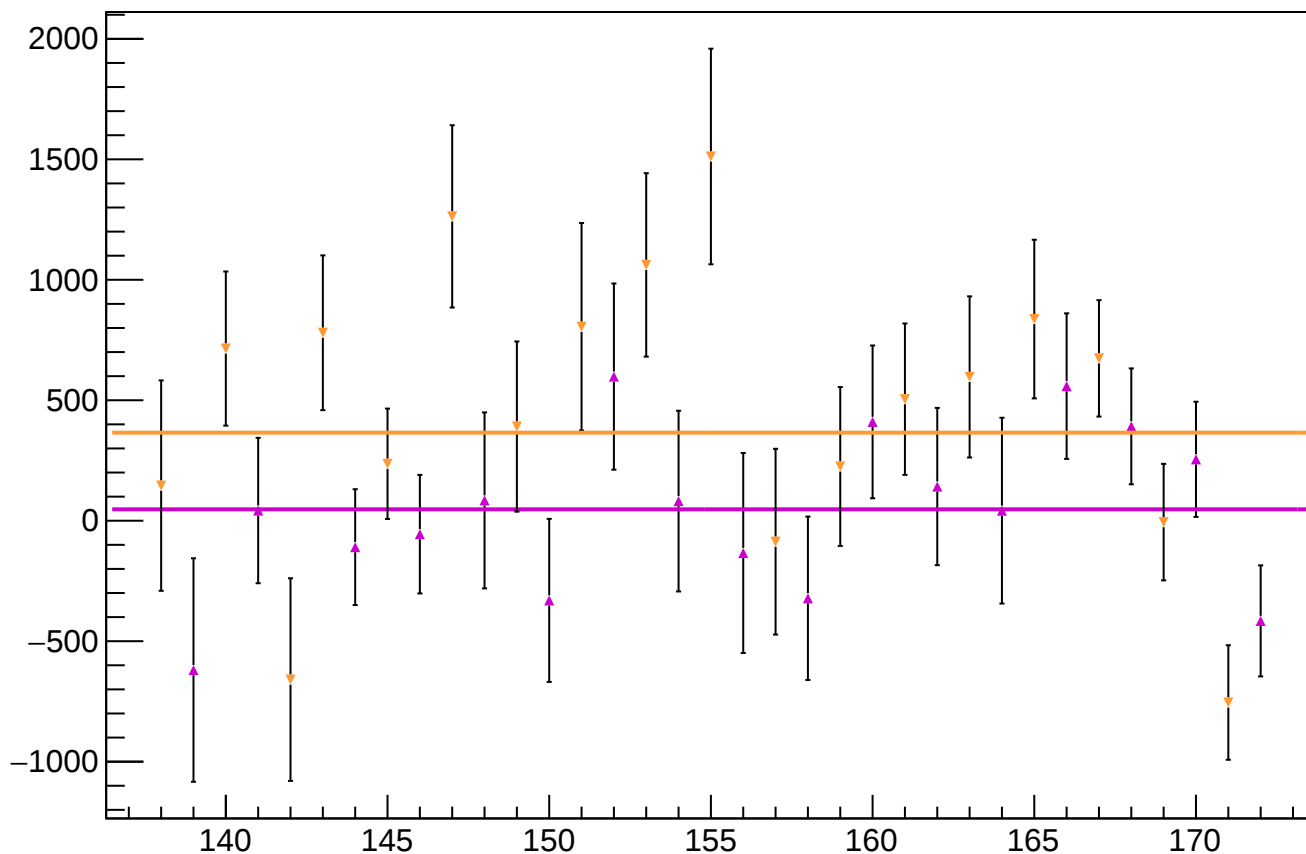
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

All: 257.341+/-0.036 χ^2/NDF : 2563140.4/34

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 365.526+/-74.978 χ^2/NDF :56.4/17

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

Left In: 47.362+/-73.591 χ^2/NDF :18.5/16

Left: 203.473+/-52.520 χ^2/NDF : 84.0/34

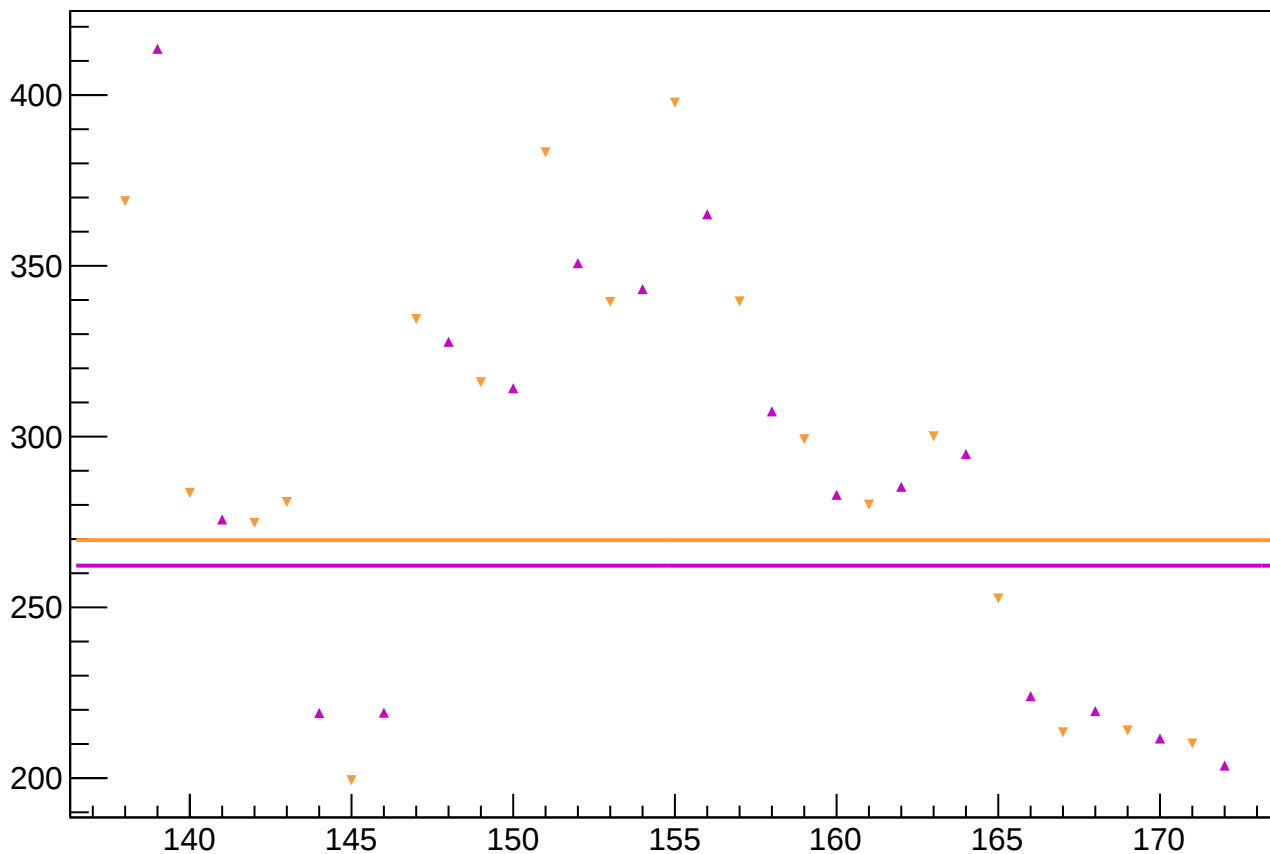
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.362+/-73.591 χ^2/NDF :18.5/16

Out: 365.526+/-74.978 χ^2/NDF :56.4/17

All: 203.473+/-52.520 χ^2/NDF : 84.0/34

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

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

Left In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Left: 265.882+/-0.037 χ^2/NDF : 2374543.5/34

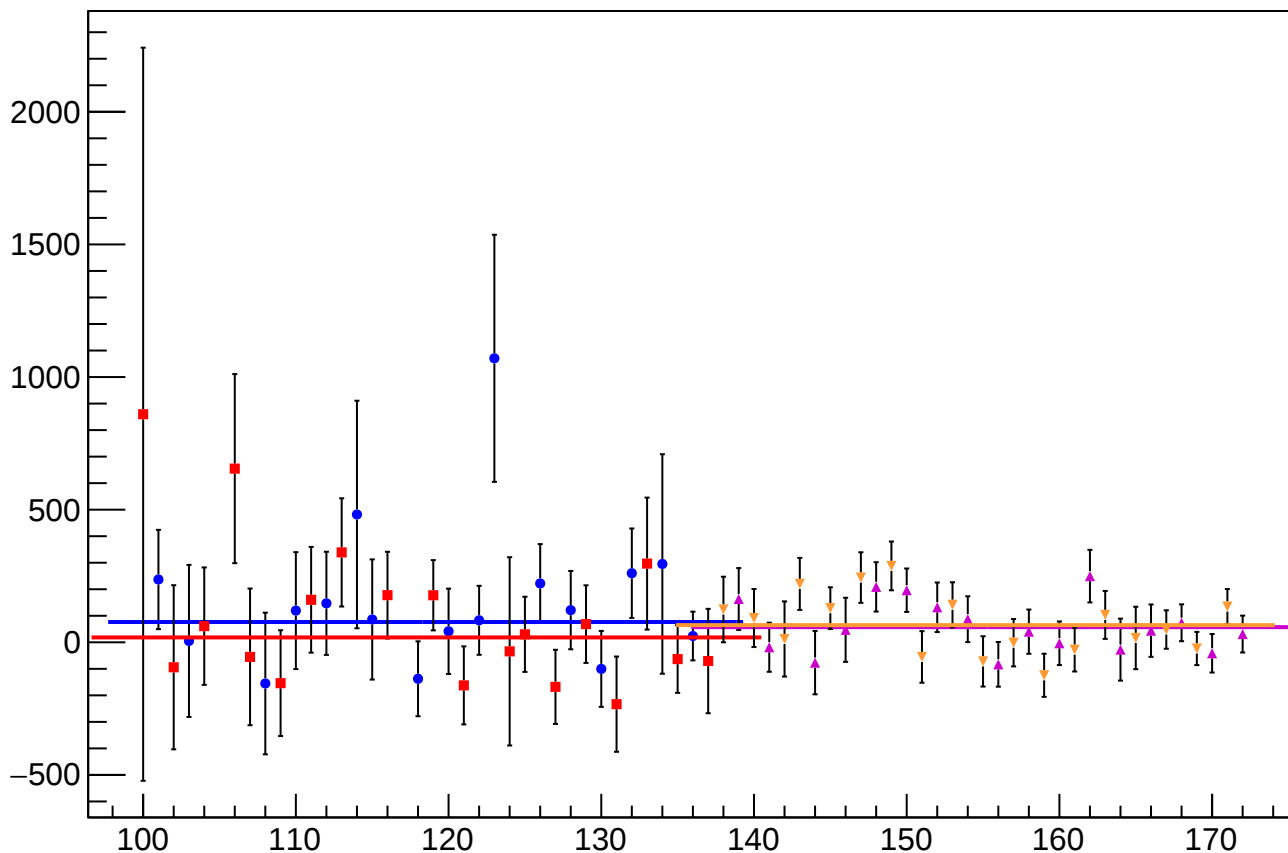
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

All: 265.882+/-0.037 χ^2/NDF : 2374543.5/34

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 64.758 $\pm$ 20.662 χ^2 /NDF:28.2/17

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 57.113 $\pm$ 21.534 χ^2 /NDF:18.8/16

Left: 61.094 $\pm$ 14.909 χ^2 /NDF: 47.0/34

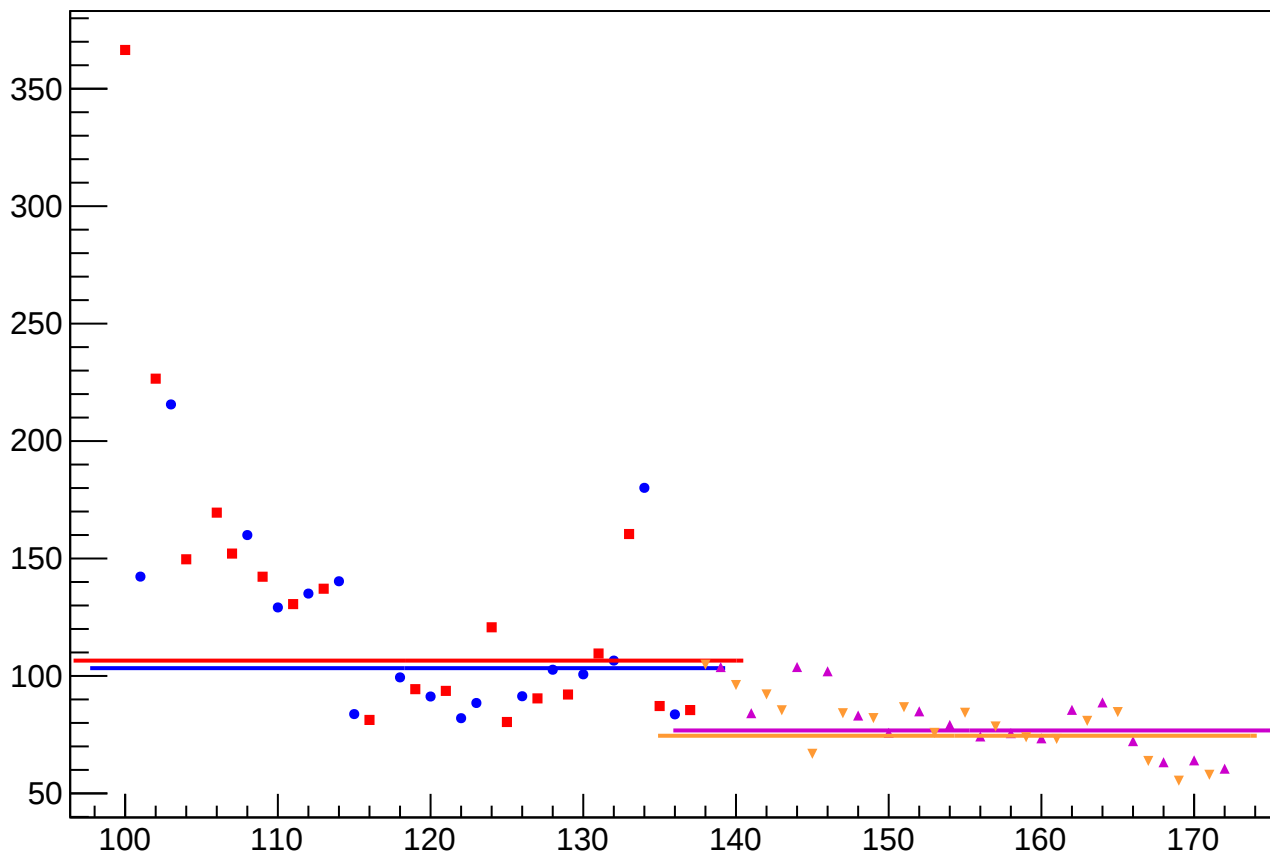
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 61.217 $\pm$ 19.119 χ^2 /NDF:32.8/33

Out: 55.819 $\pm$ 18.564 χ^2 /NDF:46.3/36

All: 58.439 $\pm$ 13.319 χ^2 /NDF: 79.2/70

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 74.541+/-0.015 χ^2/NDF : 745407.1/17

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 76.798+/-0.015 χ^2/NDF : 628532.8/16

Left: 75.623+/-0.011 χ^2/NDF : 1385375.7/34

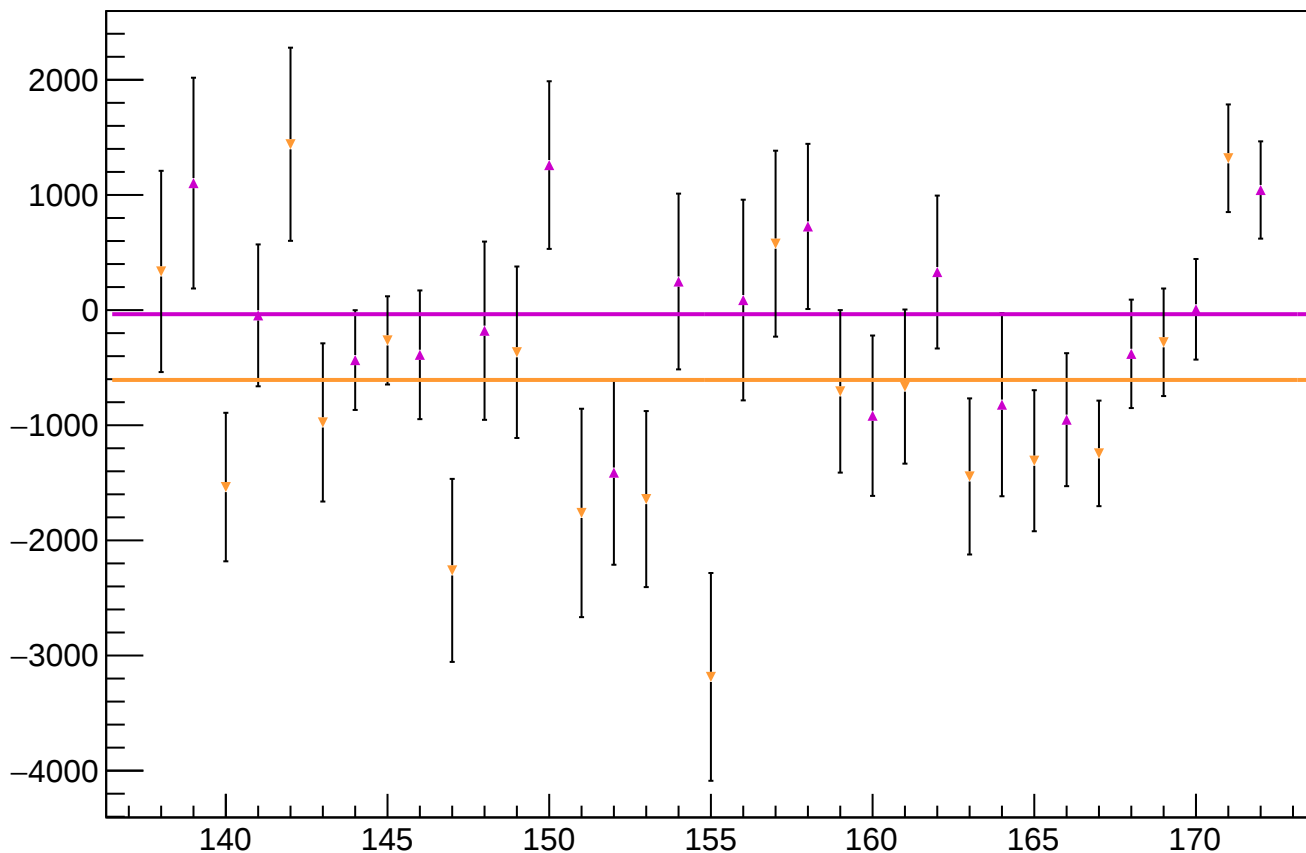
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 82.411+/-0.014 χ^2/NDF : 2108412.2/33

Out: 80.709+/-0.013 χ^2/NDF : 2741345.4/36

All: 81.535+/-0.009 χ^2/NDF : 4857915.2/70

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -606.608+/-147.199 χ^2/NDF :50.8/17

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

Left In: -35.531+/-146.310 χ^2/NDF :22.7/16

Left: -319.340+/-103.769 χ^2/NDF : 81.0/34

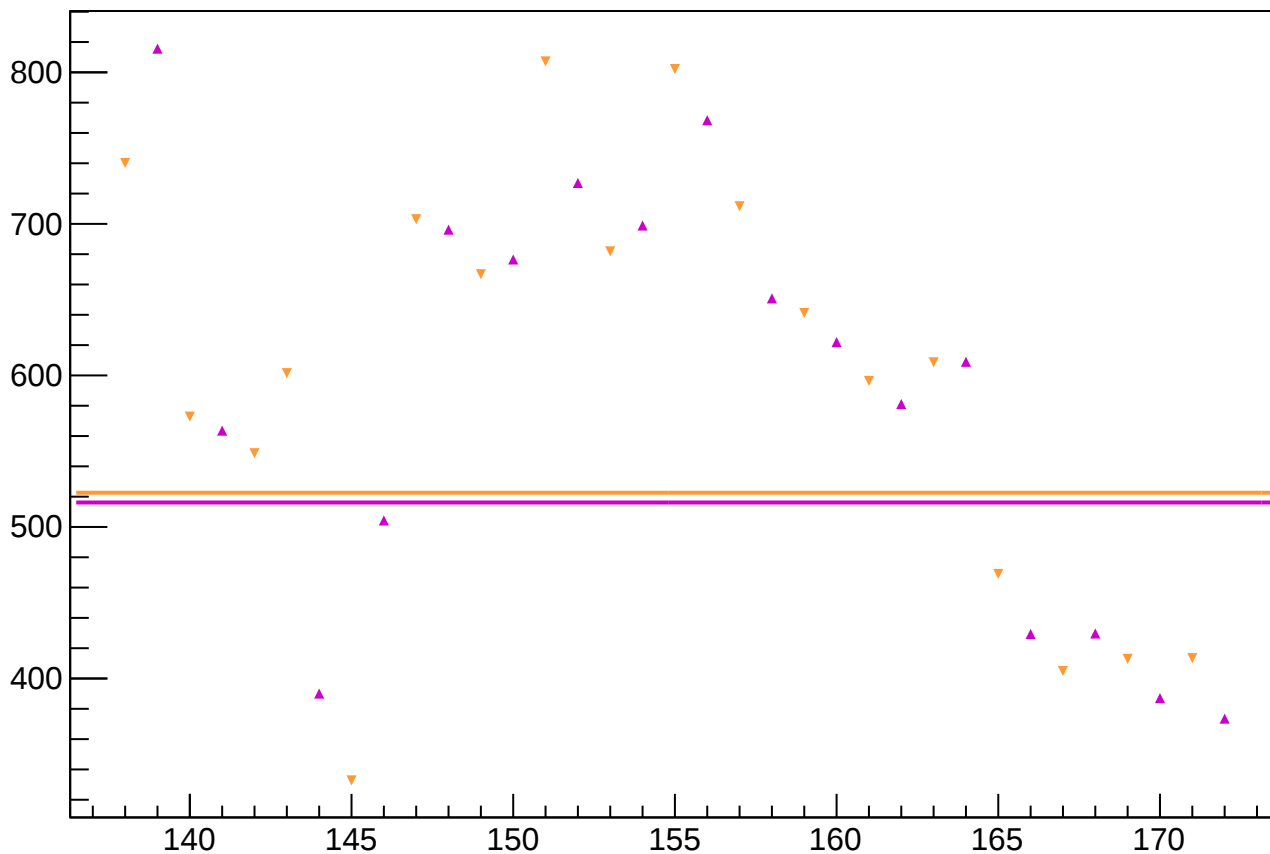
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.531+/-146.310 χ^2/NDF :22.7/16

Out: -606.608+/-147.199 χ^2/NDF :50.8/17

All: -319.340+/-103.769 χ^2/NDF : 81.0/34

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

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

Left In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Left: 519.358+/-0.073 χ^2/NDF : 3601847.3/34

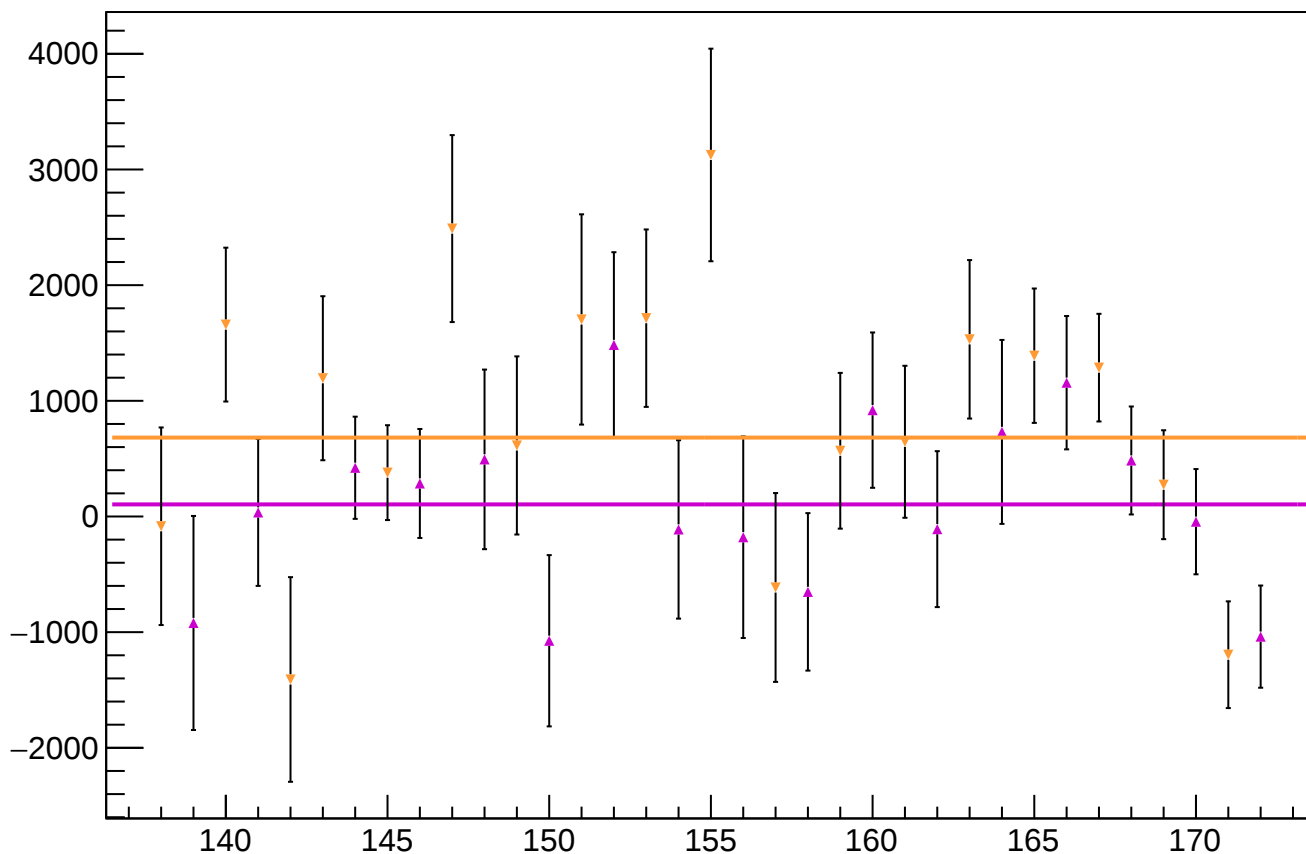
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

All: 519.358+/-0.073 χ^2/NDF : 3601847.3/34

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 682.186+/-148.901 χ^2/NDF :49.3/17

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

Left In: 104.547+/-145.820 χ^2/NDF :22.1/16

Left: 387.328+/-104.183 χ^2/NDF : 79.1/34

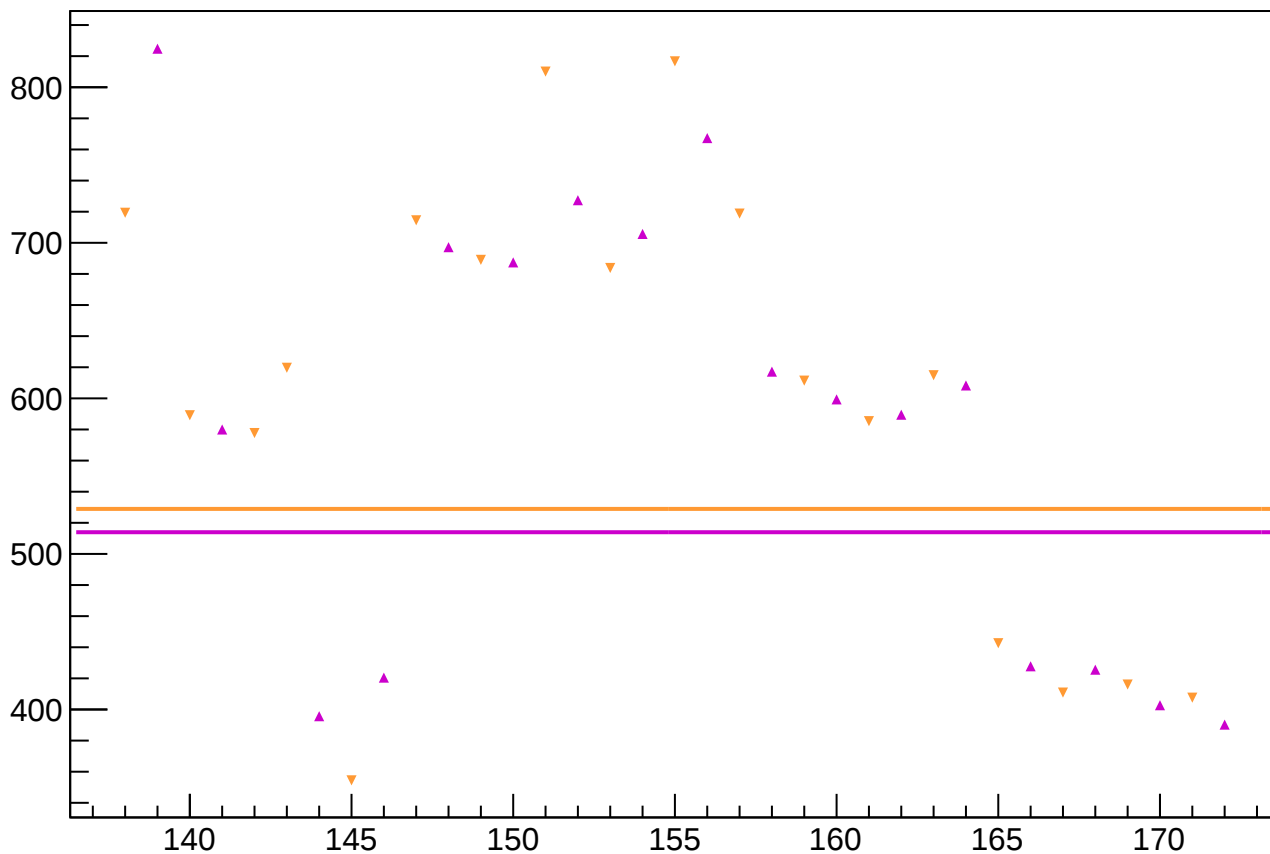
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.547+/-145.820 χ^2/NDF :22.1/16

Out: 682.186+/-148.901 χ^2/NDF :49.3/17

All: 387.328+/-104.183 χ^2/NDF : 79.1/34

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

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

Left In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Left: 521.291+/-0.074 χ^2/NDF : 3448169.4/34

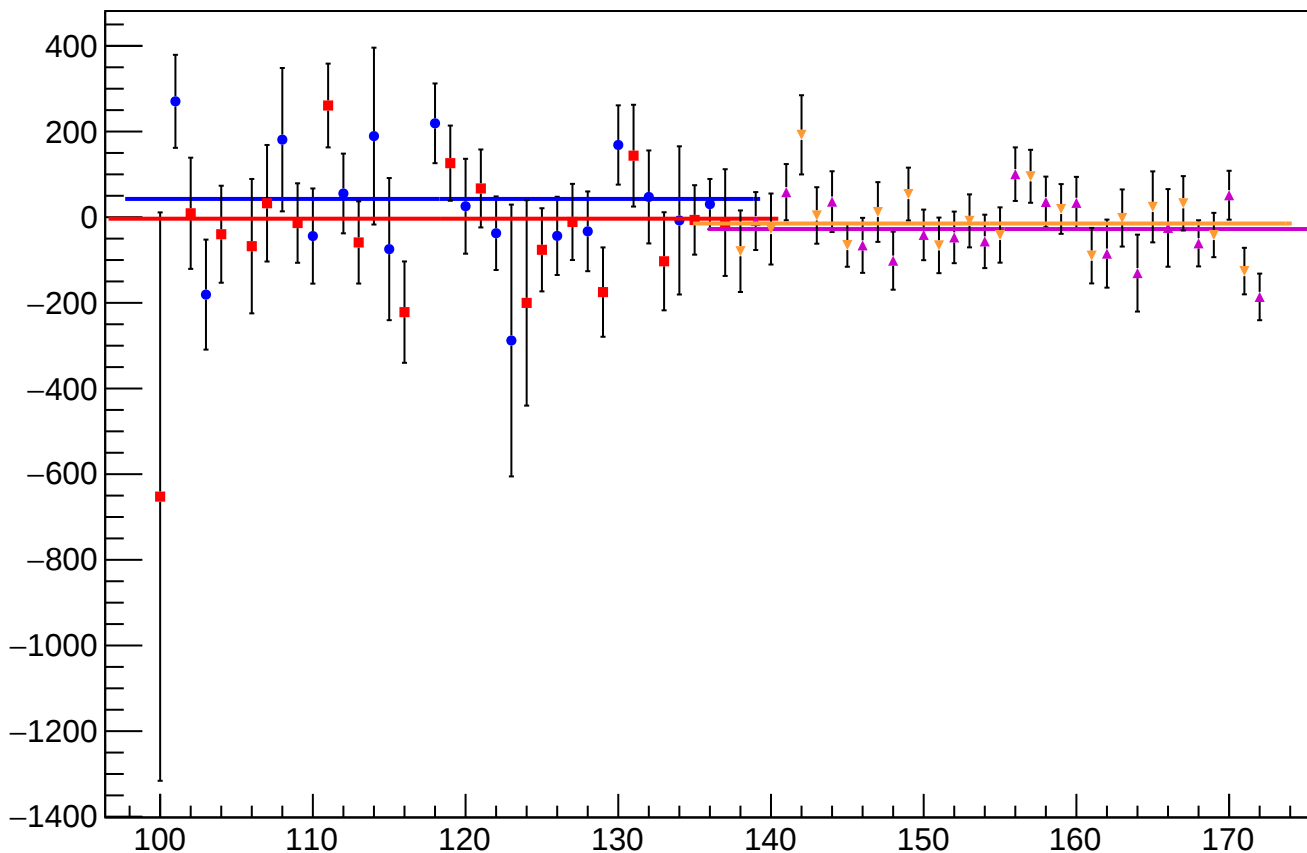
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

All: 521.291+/-0.074 χ^2/NDF : 3448169.4/34

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -14.701 ± 15.204 χ^2/NDF : 18.9/17

Right Out: -3.503 ± 25.070 χ^2/NDF : 21.4/18

Left In: -27.683 ± 15.550 χ^2/NDF : 23.5/16

Left: -21.046 ± 10.871 χ^2/NDF : 42.7/34

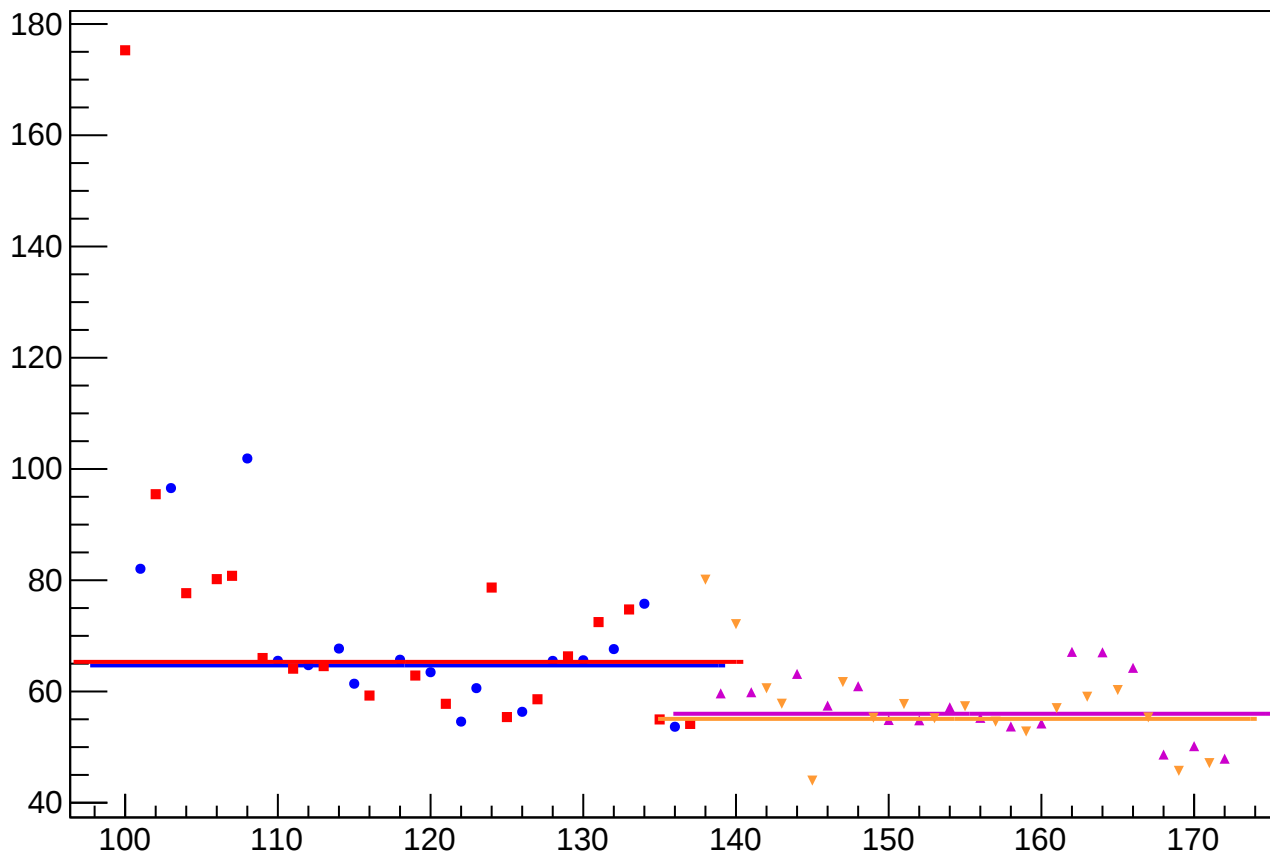
Right: 19.196 ± 17.872 χ^2/NDF : 41.9/35

In: -8.601 ± 13.274 χ^2/NDF : 47.9/33

Out: -11.690 ± 13.000 χ^2/NDF : 40.4/36

All: -10.178 ± 9.288 χ^2/NDF : 88.3/70

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.075 $\pm$ 0.011 χ^2 /NDF: 480765.2/17

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 55.995 $\pm$ 0.011 χ^2 /NDF: 240054.9/16

Left: 55.525 $\pm$ 0.008 χ^2 /NDF: 724399.1/34

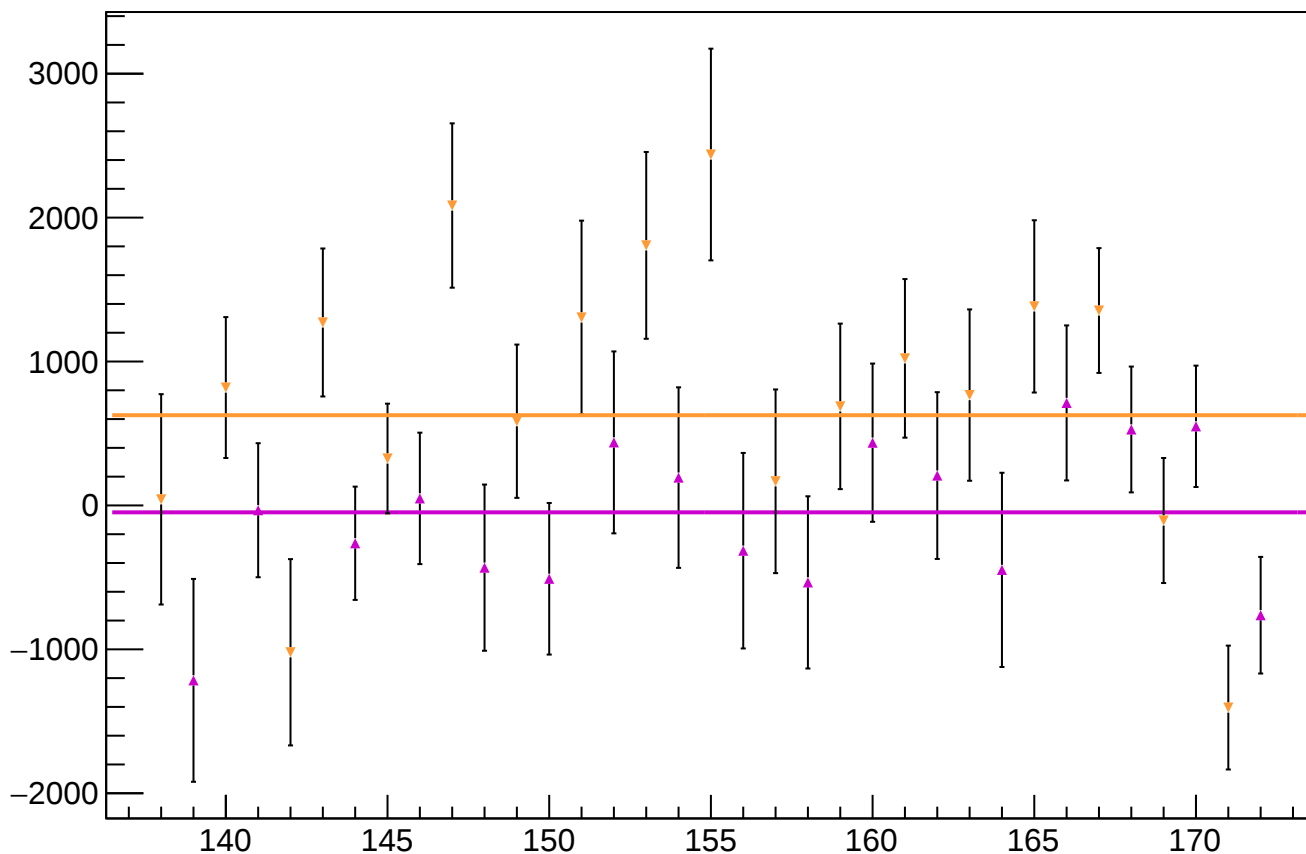
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 58.353 $\pm$ 0.009 χ^2 /NDF: 809707.5/33

Out: 57.831 $\pm$ 0.009 χ^2 /NDF: 1084740.6/36

All: 58.086 $\pm$ 0.007 χ^2 /NDF: 1896025.1/70

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 626.976+/-126.468 χ^2/NDF : 57.0/17

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

Left In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Left: 287.217+/-89.127 χ^2/NDF : 87.4/34

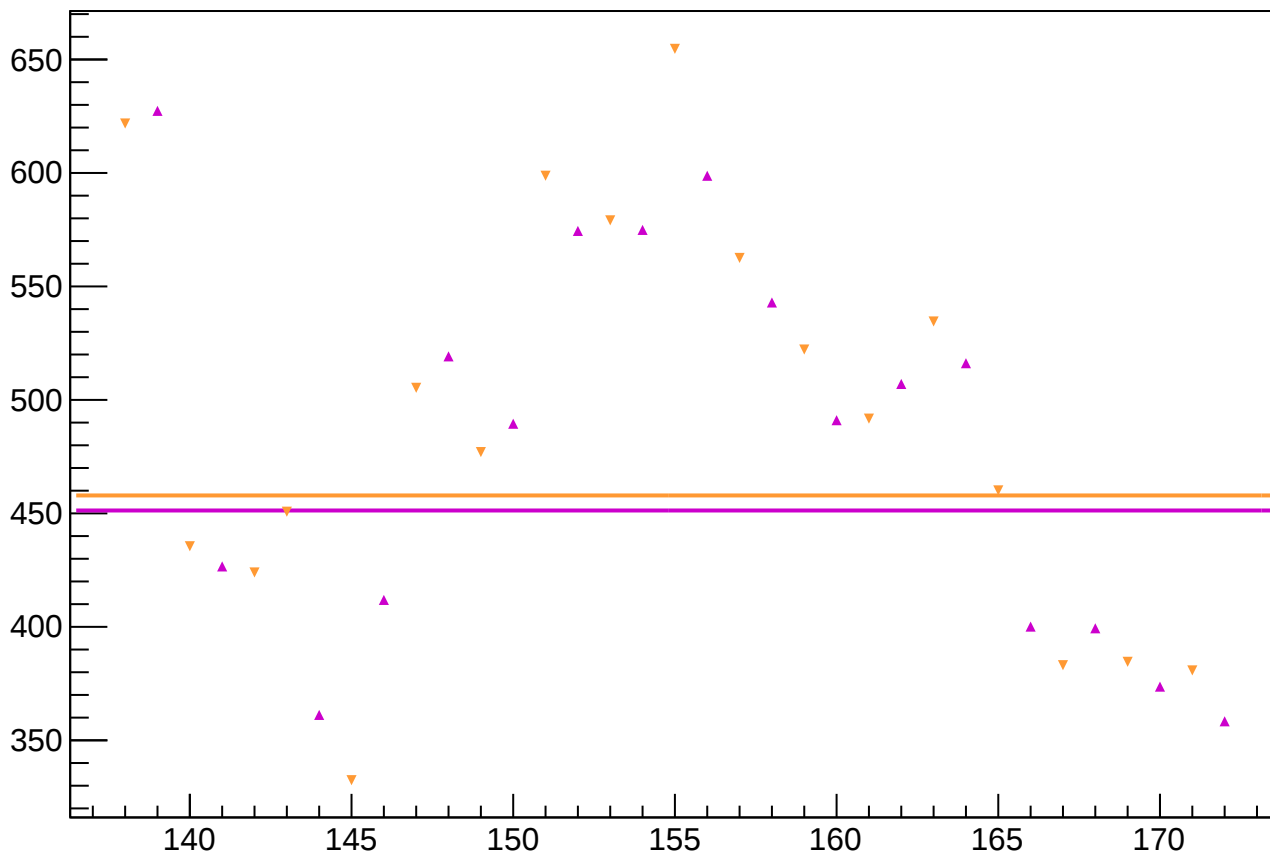
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Out: 626.976+/-126.468 χ^2/NDF : 57.0/17

All: 287.217+/-89.127 χ^2/NDF : 87.4/34

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

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

Left In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Left: 454.566+/-0.063 χ^2/NDF : 1797060.6/34

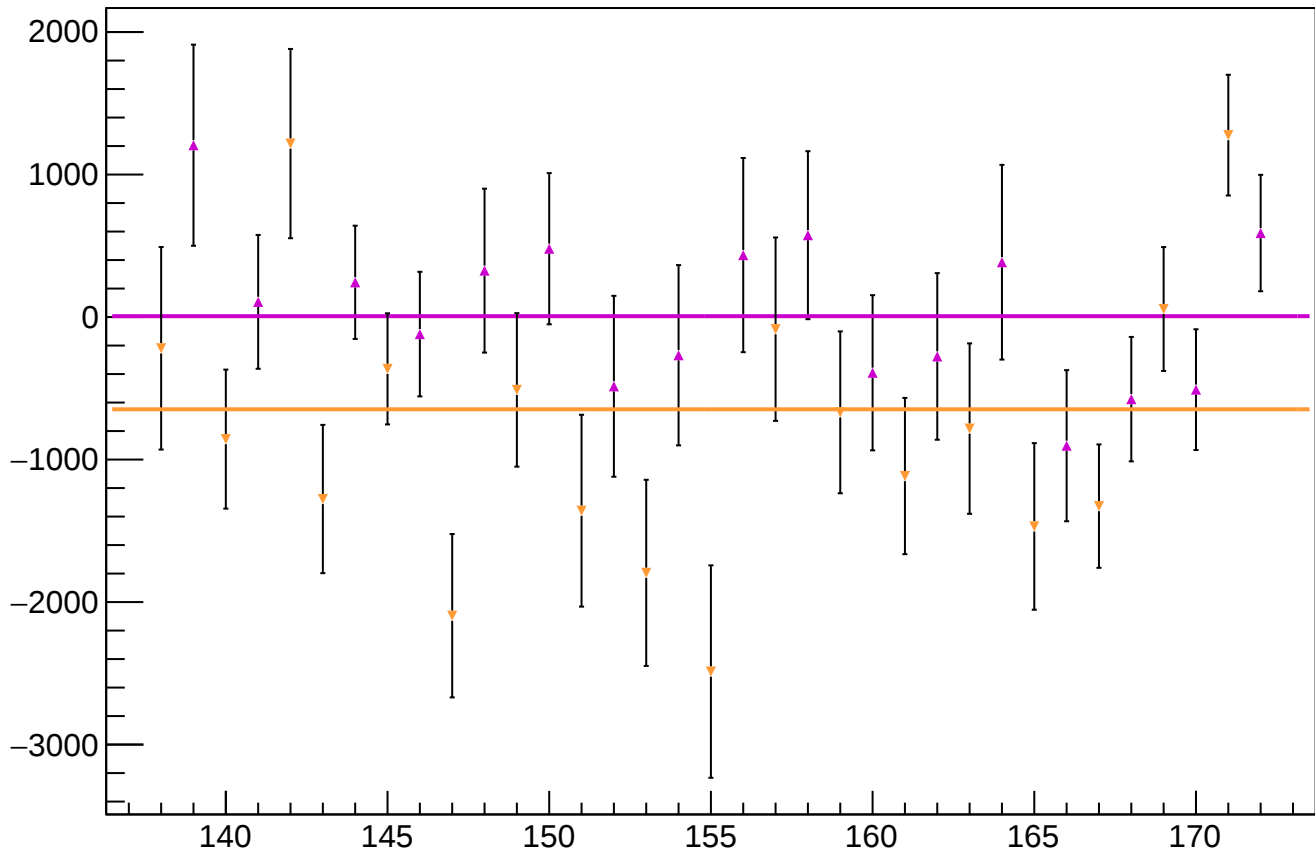
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

All: 454.566+/-0.063 χ^2/NDF : 1797060.6/34

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -647.302+/-126.663 χ^2/NDF :56.4/17

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

Left In: 6.146+/-125.478 χ^2/NDF :15.9/16

Left: -317.506+/-89.143 χ^2/NDF : 85.7/34

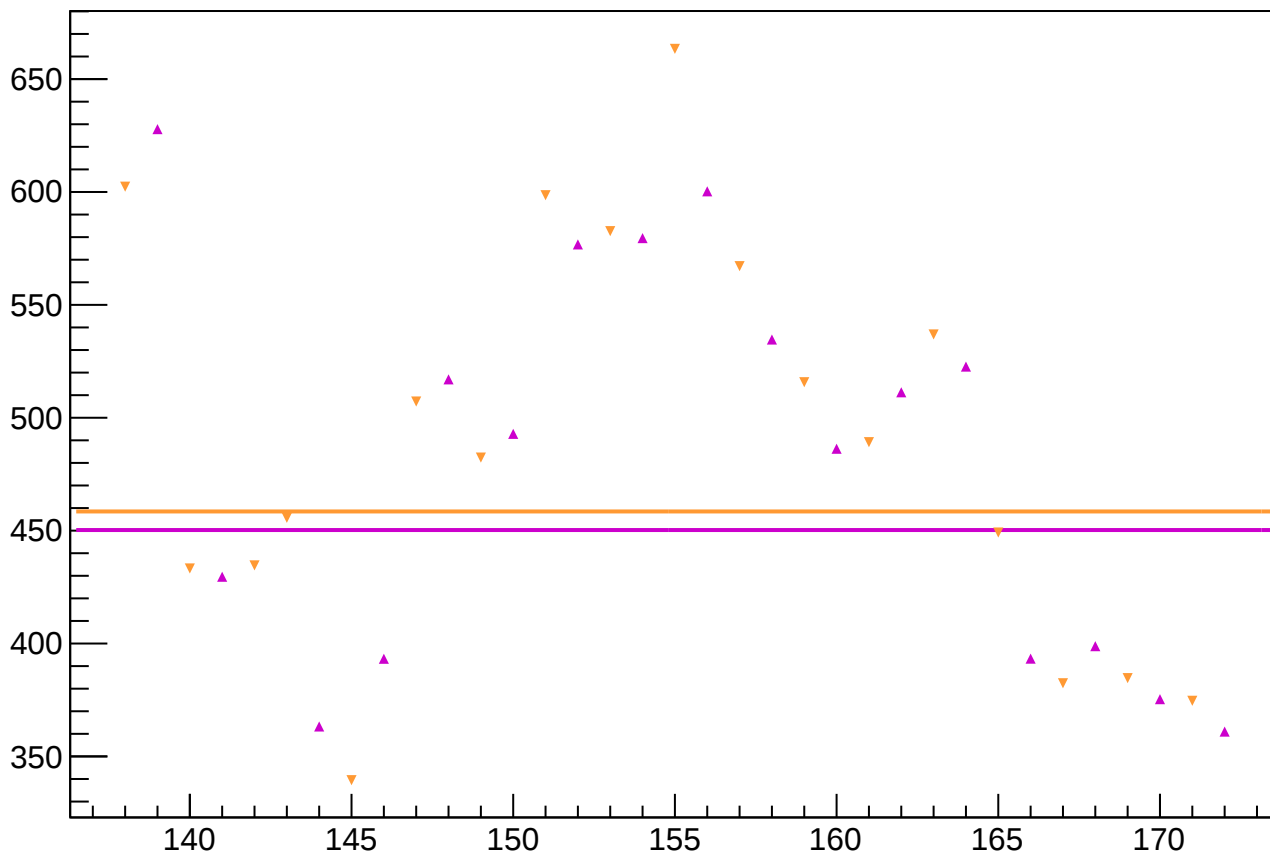
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.146+/-125.478 χ^2/NDF :15.9/16

Out: -647.302+/-126.663 χ^2/NDF :56.4/17

All: -317.506+/-89.143 χ^2/NDF : 85.7/34

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 458.497+/-0.090 χ^2/NDF :921025.4/17

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

Left In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Left: 454.343+/-0.063 χ^2/NDF : 1788470.9/34

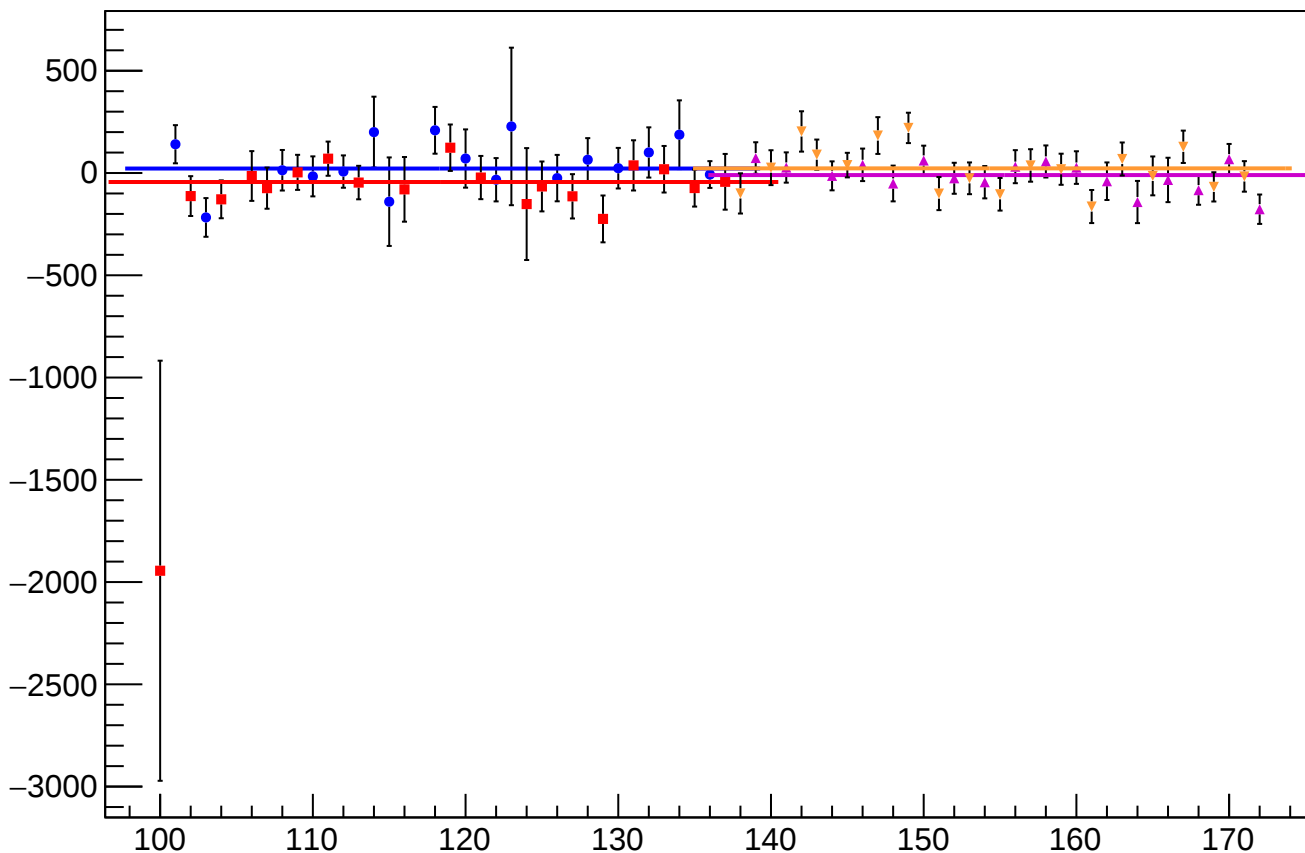
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Out: 458.497+/-0.090 χ^2/NDF :921025.4/17

All: 454.343+/-0.063 χ^2/NDF : 1788470.9/34

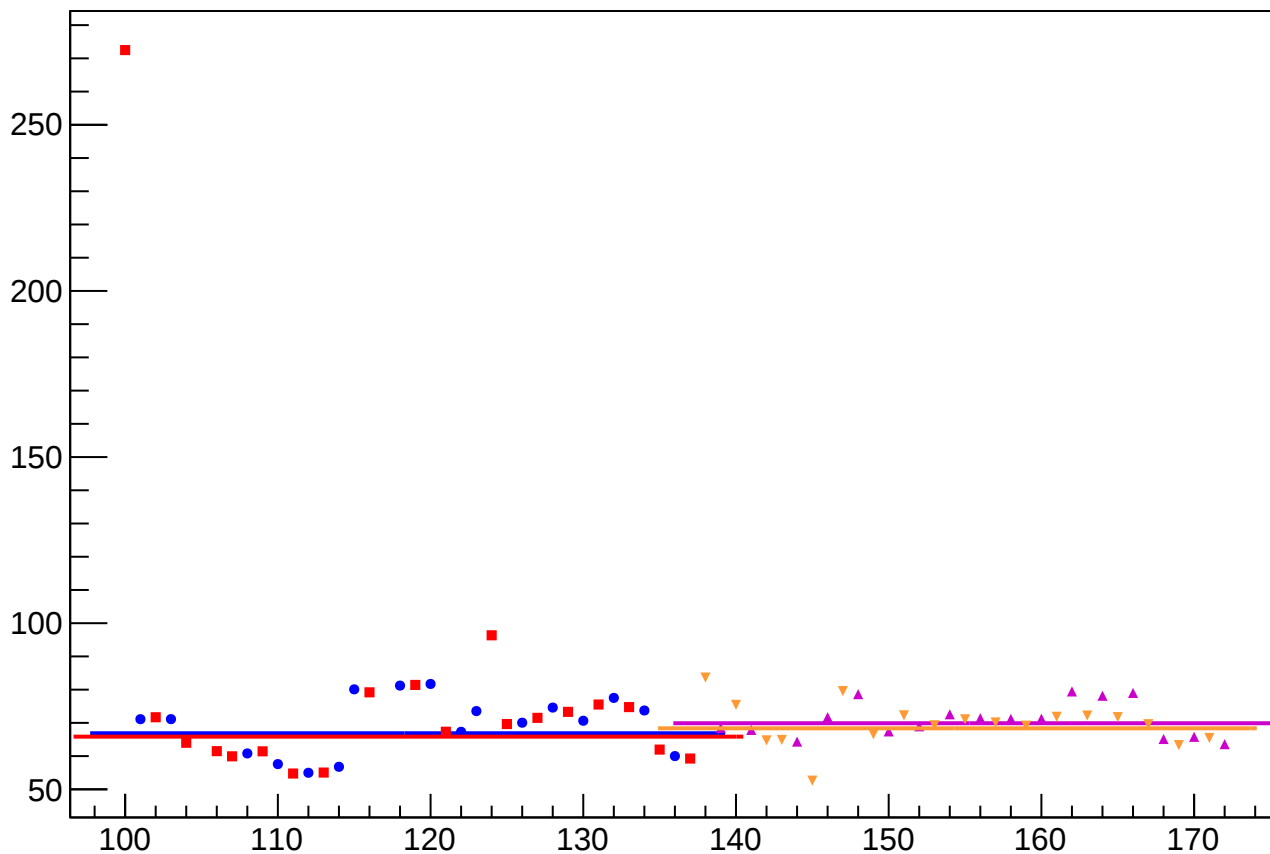
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$
 Left Out: 22.723 ± 18.668 $\chi^2/\text{NDF}: 30.8/17$
 Right Out: -43.953 ± 25.108 $\chi^2/\text{NDF}: 13.3/18$
 Left In: -10.045 ± 19.231 $\chi^2/\text{NDF}: 13.8/16$

Left: 6.826 ± 13.395 $\chi^2/\text{NDF}: 46.1/34$
 Right: -12.241 ± 18.080 $\chi^2/\text{NDF}: 31.7/35$
 In: 1.223 ± 15.473 $\chi^2/\text{NDF}: 29.8/33$
 Out: -1.014 ± 14.981 $\chi^2/\text{NDF}: 48.6/36$
 All: 0.069 ± 10.763 $\chi^2/\text{NDF}: 78.5/70$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.364 $\pm$ 0.013 χ^2 /NDF: 271664.2/17

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.889 $\pm$ 0.014 χ^2 /NDF: 121112.4/16

Left: 69.104 $\pm$ 0.009 χ^2 /NDF: 399254.3/34

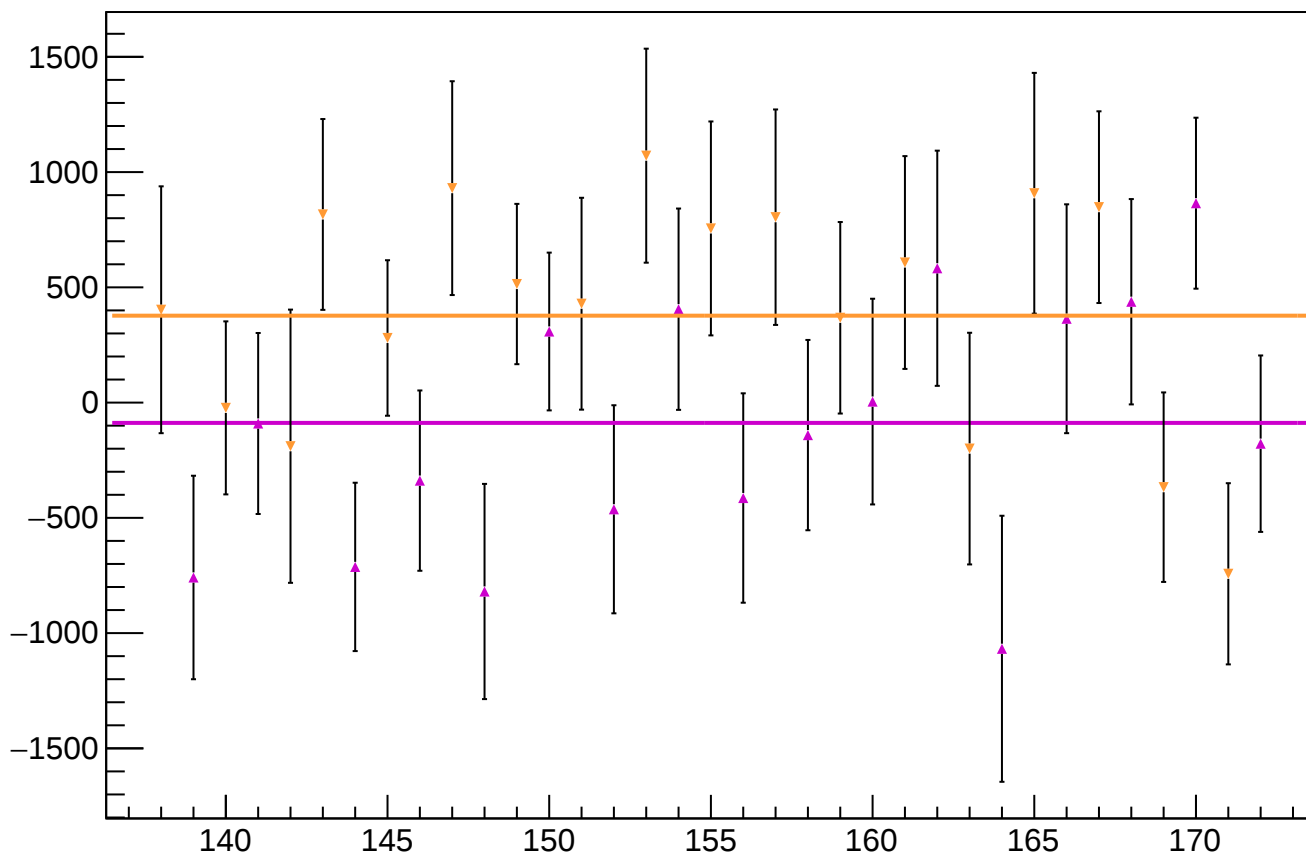
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 68.825 $\pm$ 0.011 χ^2 /NDF: 340988.2/33

Out: 67.470 $\pm$ 0.011 χ^2 /NDF: 584406.6/36

All: 68.126 $\pm$ 0.008 χ^2 /NDF: 933308.6/70

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 377.121 ± 102.135 $\chi^2/\text{NDF}: 23.9/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -88.047 ± 102.753 $\chi^2/\text{NDF}: 25.5/16$

Left: 145.941 ± 72.438 $\chi^2/\text{NDF}: 59.6/34$

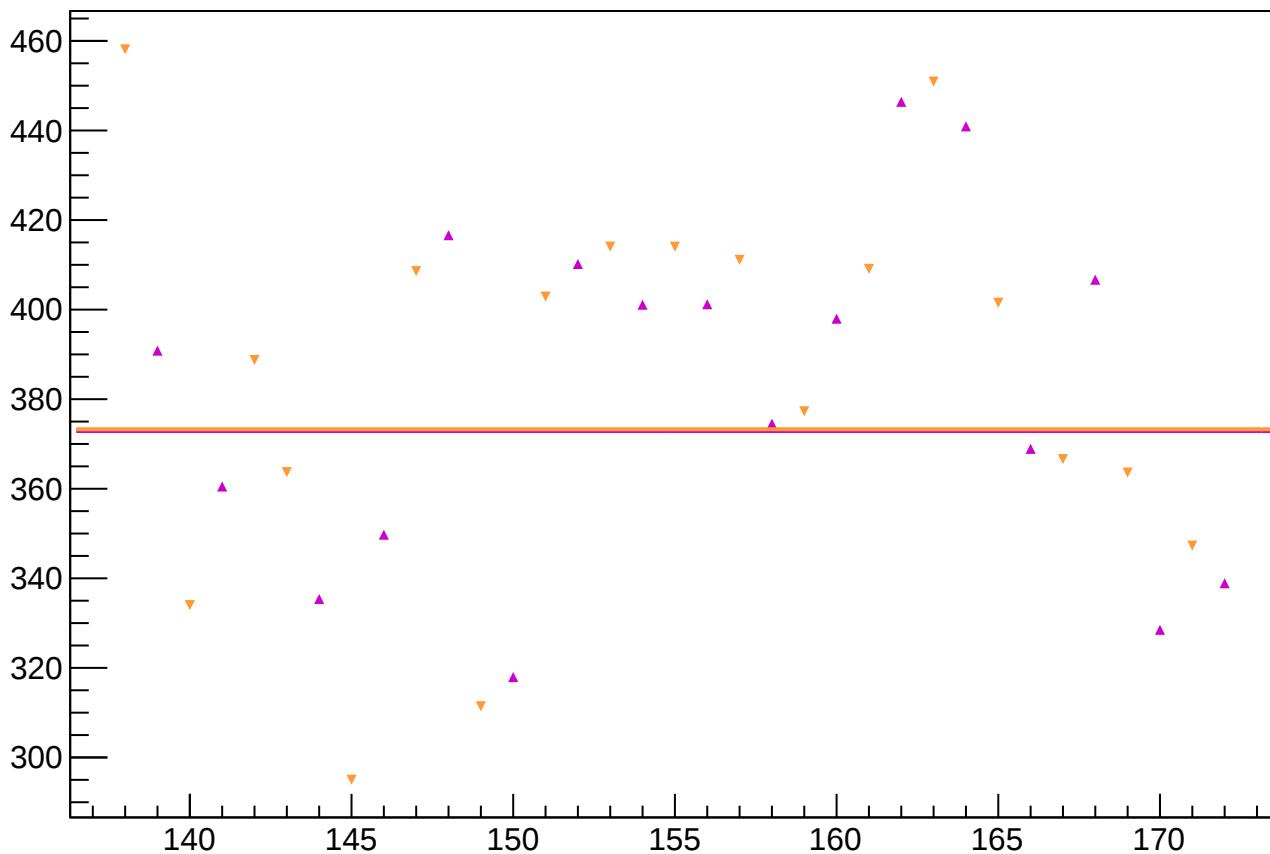
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -88.047 ± 102.753 $\chi^2/\text{NDF}: 25.5/16$

Out: 377.121 ± 102.135 $\chi^2/\text{NDF}: 23.9/17$

All: 145.941 ± 72.438 $\chi^2/\text{NDF}: 59.6/34$

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 373.285+/-0.072 χ^2/NDF :385505.3/17

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

Left In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Left: 373.094+/-0.051 χ^2/NDF : 649500.9/34

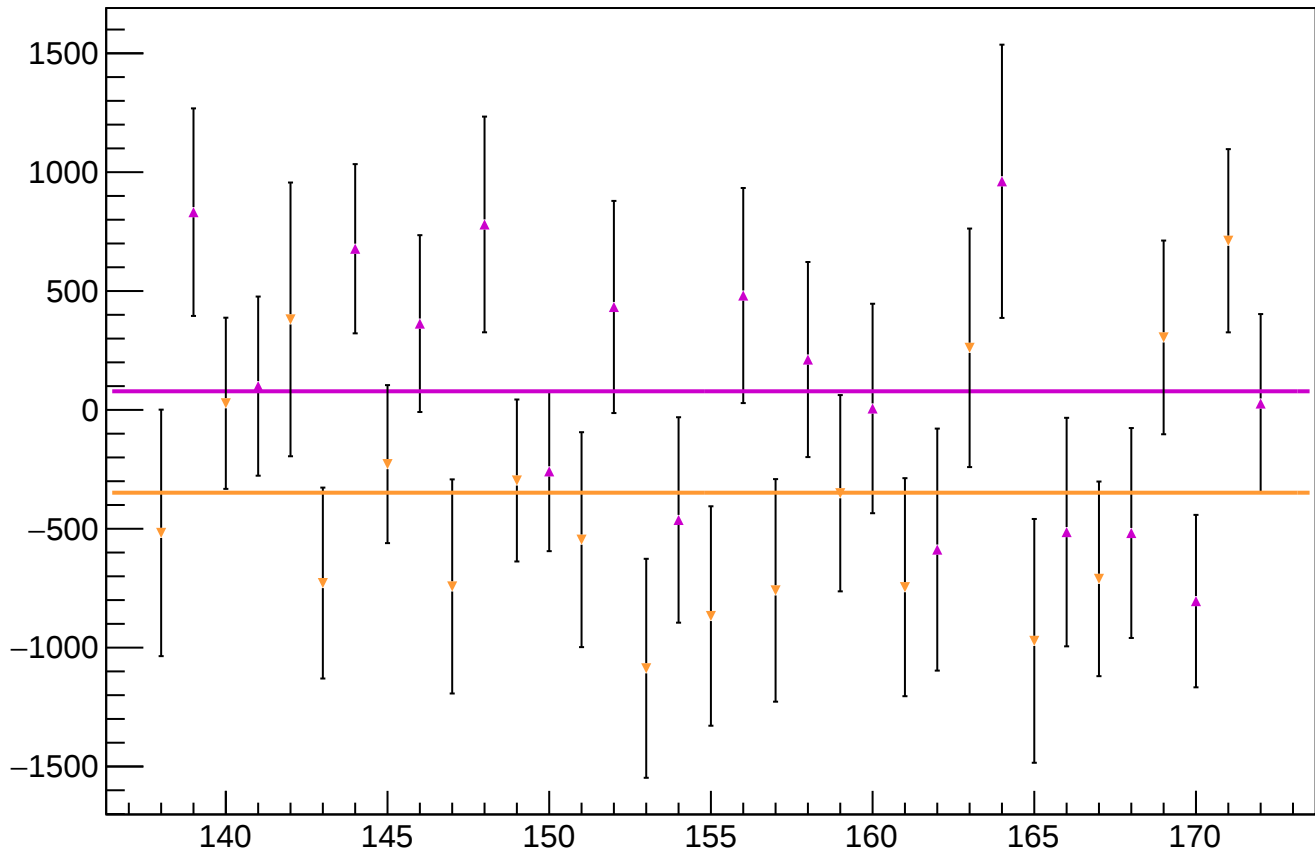
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Out: 373.285+/-0.072 χ^2/NDF :385505.3/17

All: 373.094+/-0.051 χ^2/NDF : 649500.9/34

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -348.288 $\pm$ 100.380 χ^2 /NDF:24.0/17

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

Left In: 78.279 $\pm$ 100.751 χ^2 /NDF:26.3/16

Left: -135.792 $\pm$ 71.110 χ^2 /NDF: 59.3/34

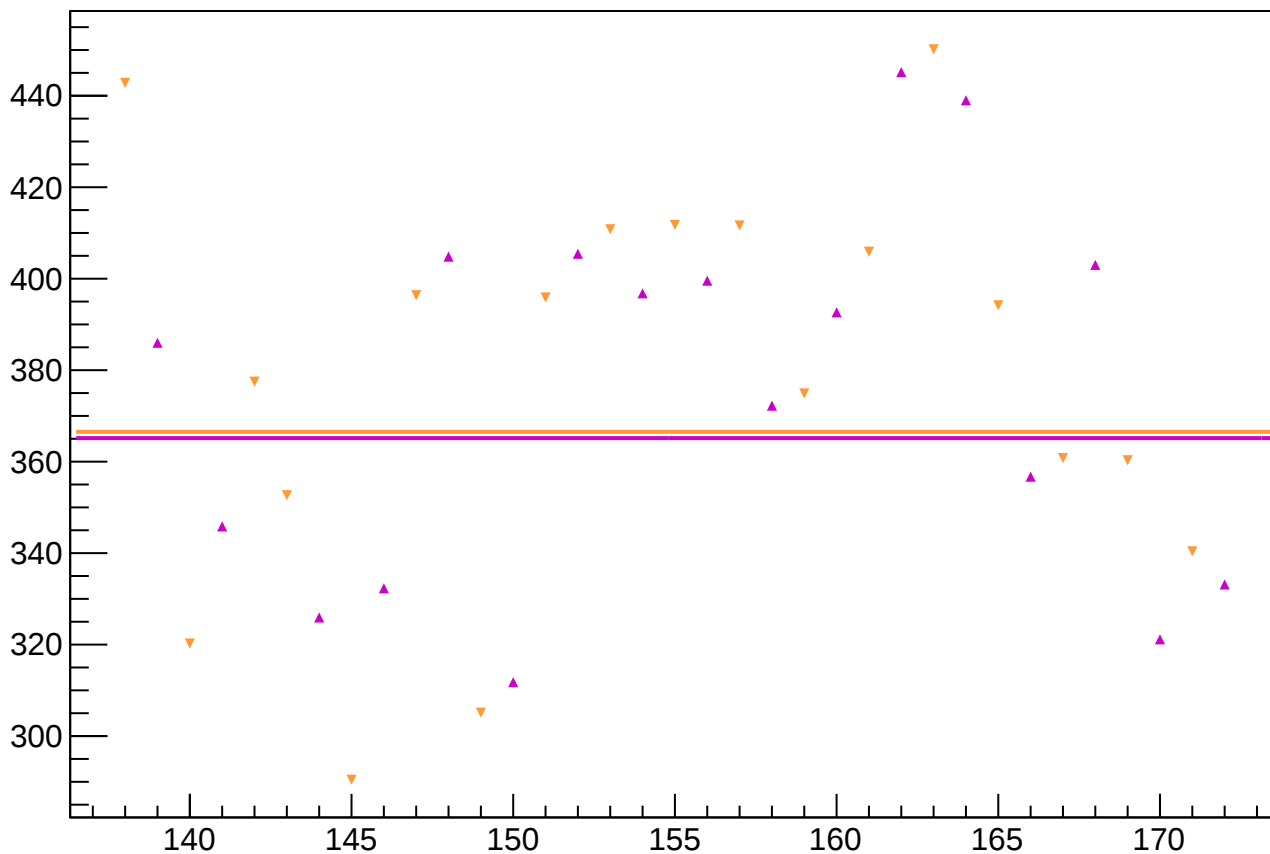
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 78.279 $\pm$ 100.751 χ^2 /NDF:26.3/16

Out: -348.288 $\pm$ 100.380 χ^2 /NDF:24.0/17

All: -135.792 $\pm$ 71.110 χ^2 /NDF: 59.3/34

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.528+/-0.071 χ^2/NDF :409767.7/17

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

Left In: 365.147+/-0.071 χ^2/NDF :304200.9/16

Left: 365.840+/-0.050 χ^2/NDF : 714157.2/34

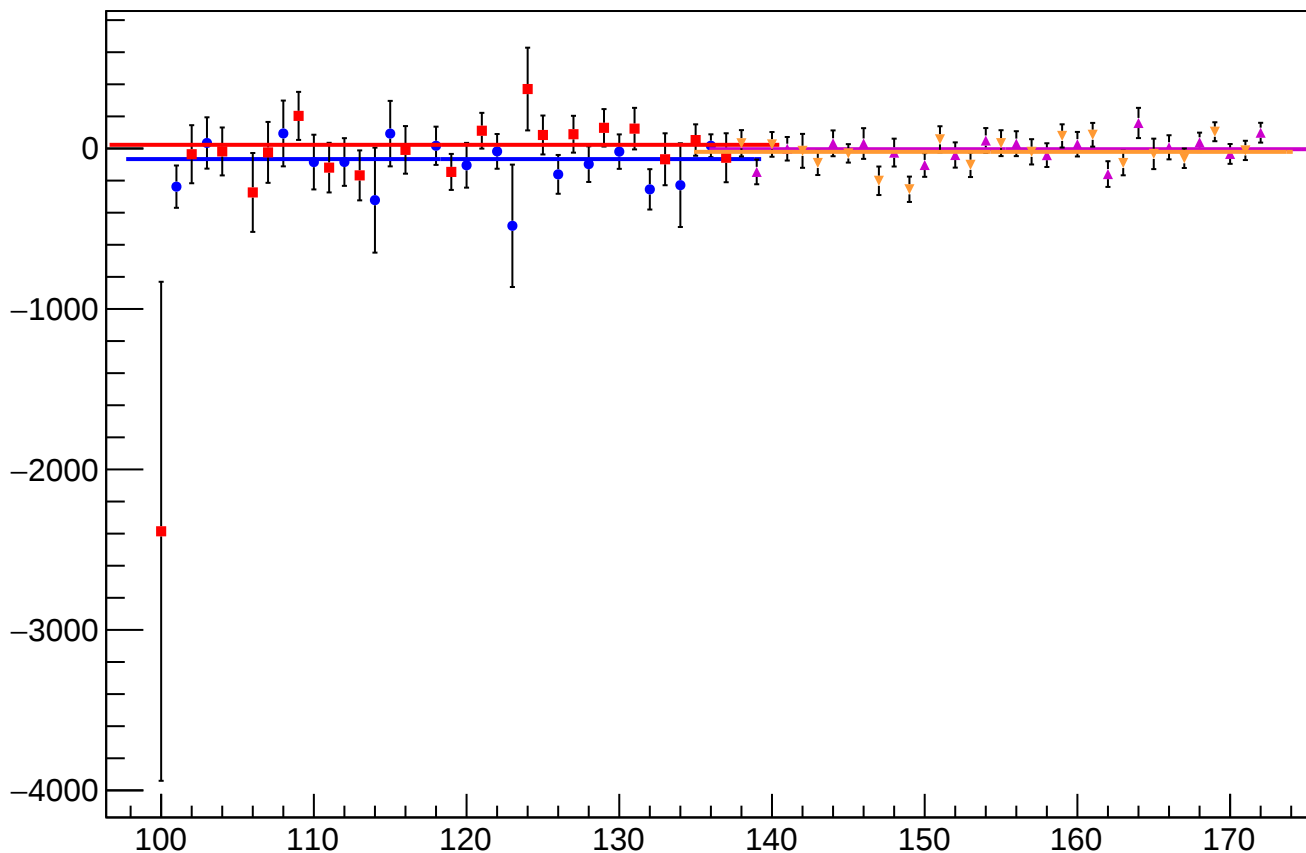
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.147+/-0.071 χ^2/NDF :304200.9/16

Out: 366.528+/-0.071 χ^2/NDF :409767.7/17

All: 365.840+/-0.050 χ^2/NDF : 714157.2/34

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -20.888 ± 17.404 χ^2/NDF : 26.8/17

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -4.370 ± 18.182 χ^2/NDF : 17.2/16

Left: -12.990 ± 12.572 χ^2/NDF : 44.3/34

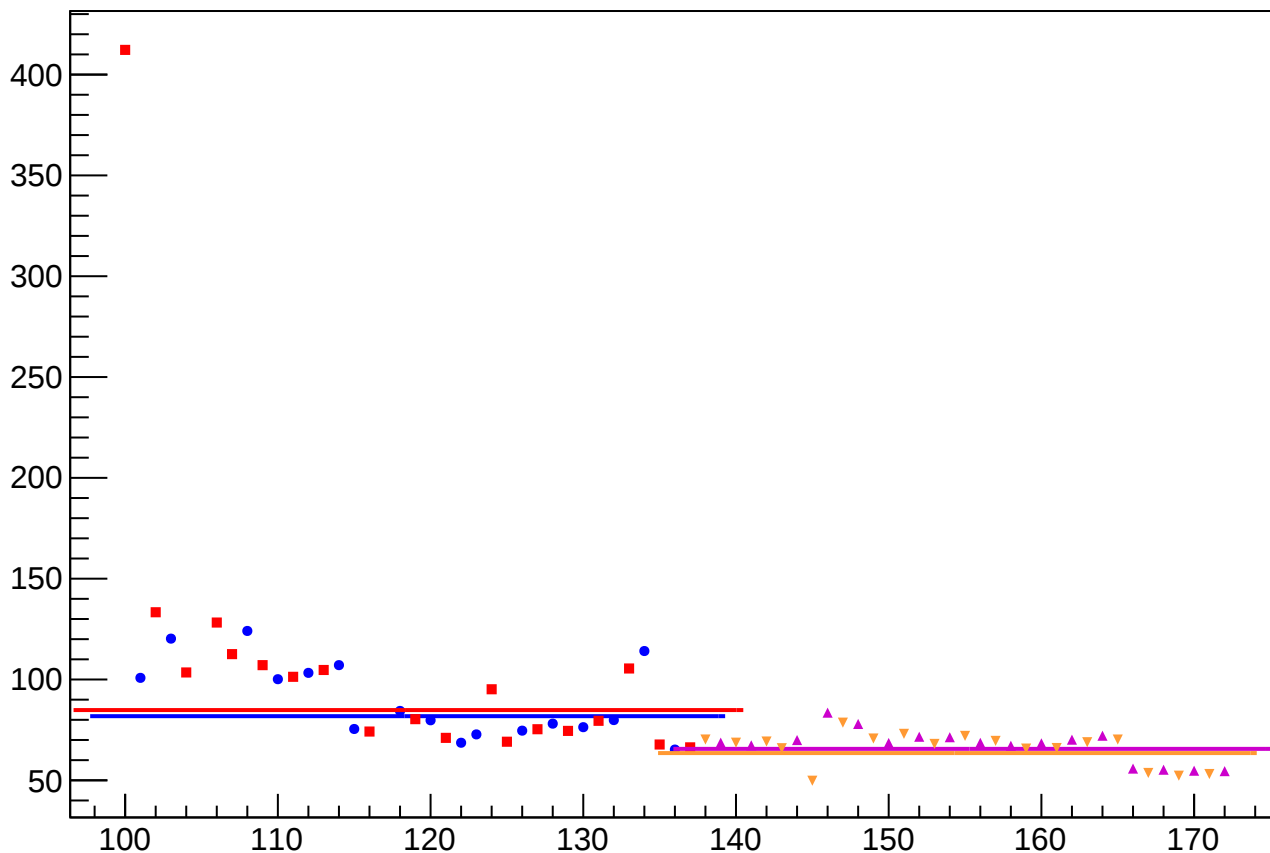
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -19.201 ± 15.843 χ^2/NDF : 30.7/33

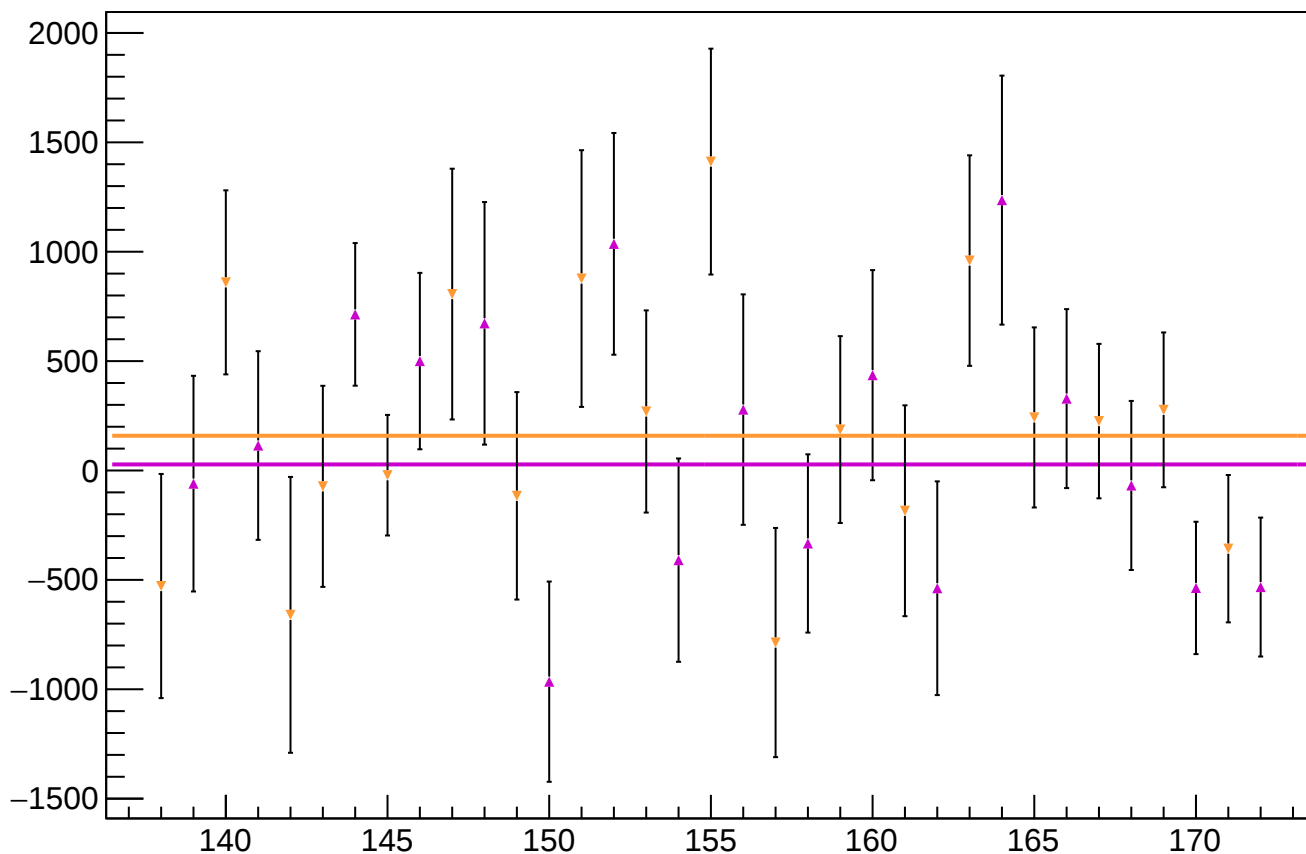
Out: -11.259 ± 15.372 χ^2/NDF : 43.5/36

All: -15.110 ± 11.032 χ^2/NDF : 74.3/70

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 158.799 $\pm$ 101.436 χ^2 /NDF:25.1/17

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

Left In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Left: 93.553 $\pm$ 71.878 χ^2 /NDF: 57.5/34

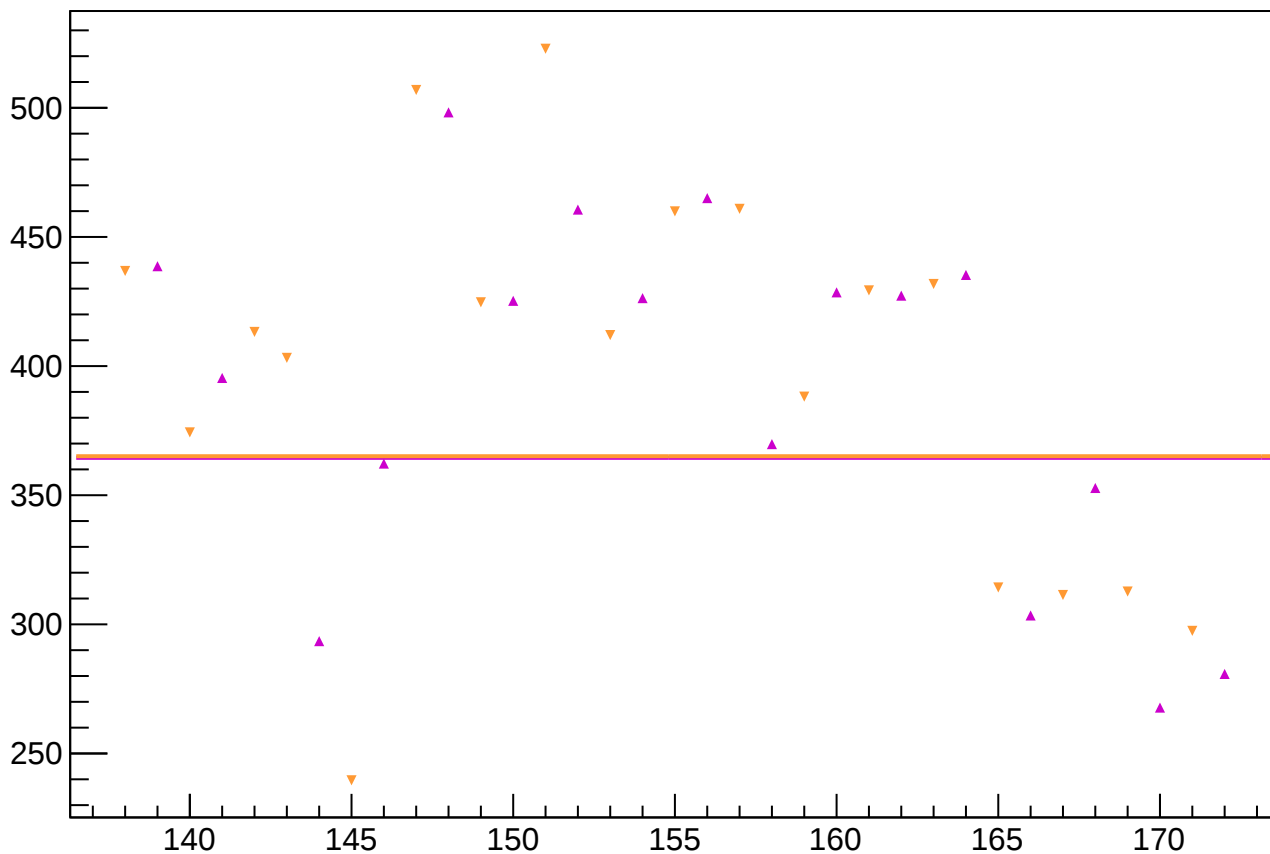
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Out: 158.799 $\pm$ 101.436 χ^2 /NDF:25.1/17

All: 93.553 $\pm$ 71.878 χ^2 /NDF: 57.5/34

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

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

Left In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Left: 364.791+/-0.051 χ^2/NDF : 2187017.2/34

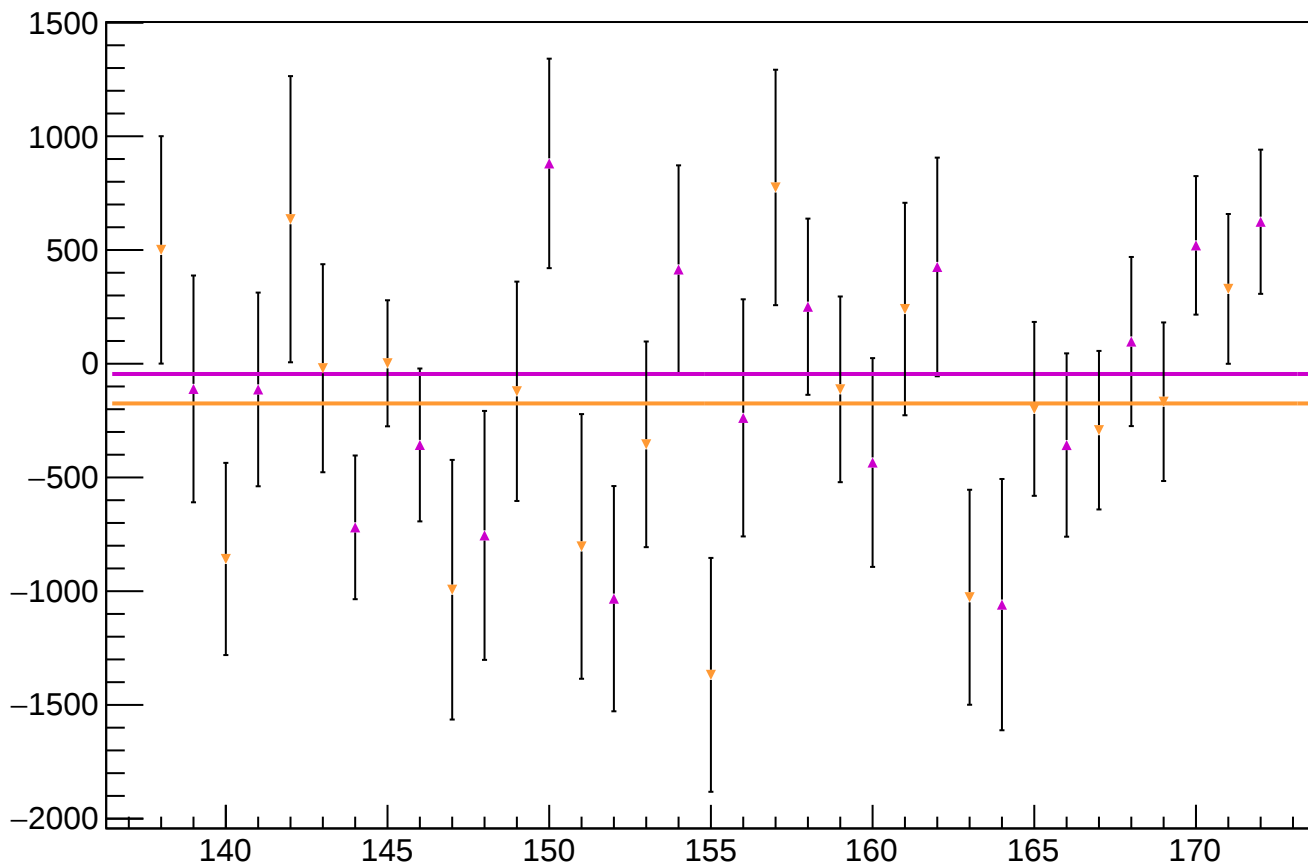
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

All: 364.791+/-0.051 χ^2/NDF : 2187017.2/34

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -174.593+/-99.867 χ^2/NDF : 25.3/17

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

Left In: -45.127+/-98.939 χ^2/NDF : 30.6/16

Left: -109.255+/-70.286 χ^2/NDF : 56.7/34

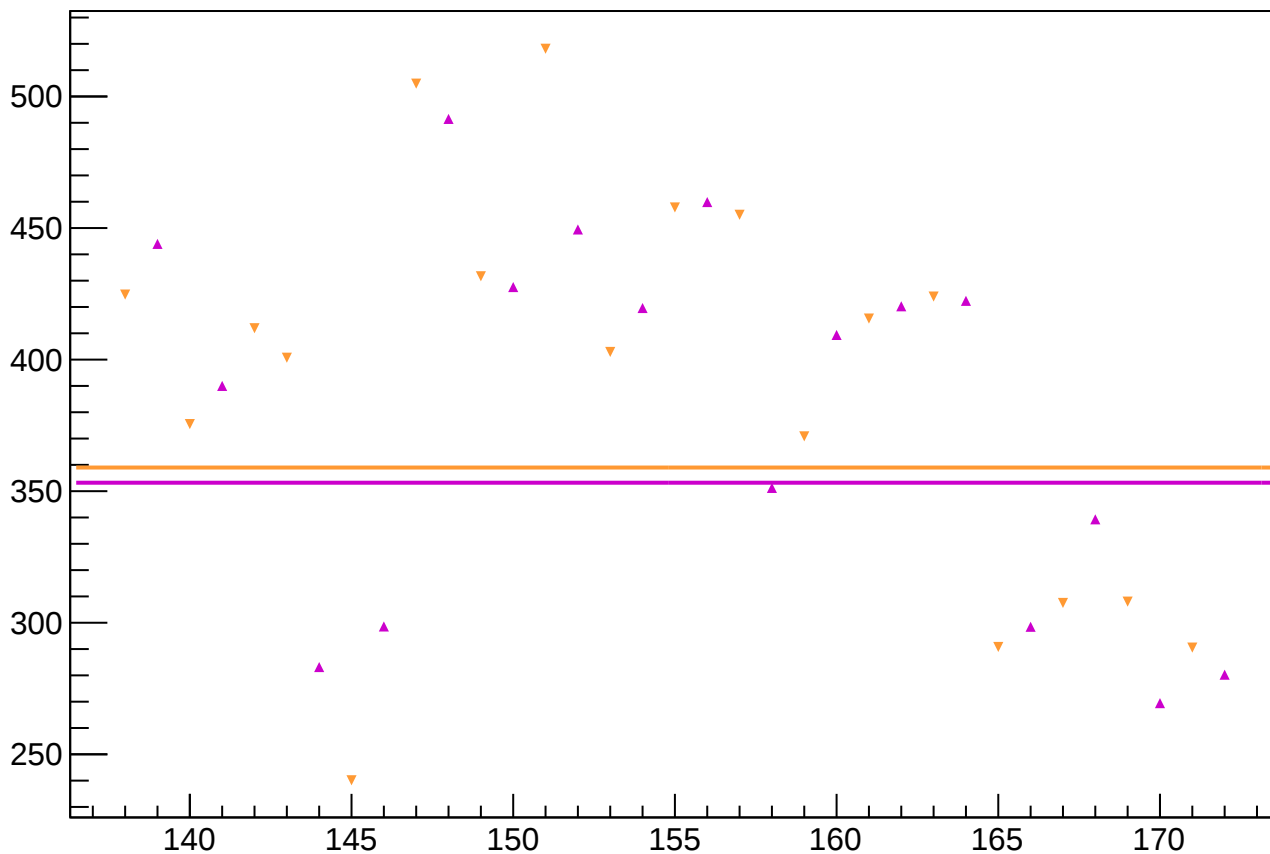
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.127+/-98.939 χ^2/NDF : 30.6/16

Out: -174.593+/-99.867 χ^2/NDF : 25.3/17

All: -109.255+/-70.286 χ^2/NDF : 56.7/34

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

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

Left In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Left: 356.074+/-0.050 χ^2/NDF : 2243433.8/34

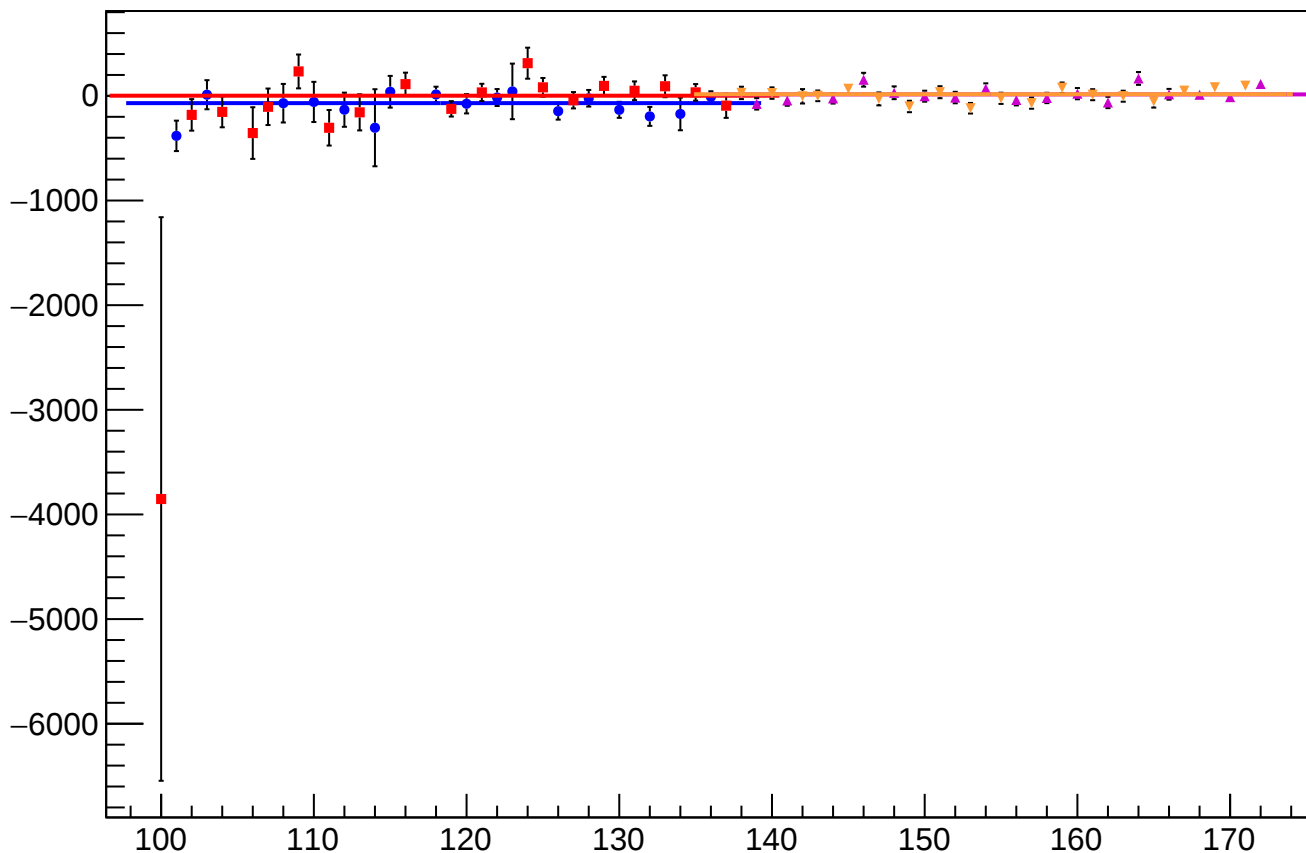
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

All: 356.074+/-0.050 χ^2/NDF : 2243433.8/34

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 15.740 ± 11.893 $\chi^2/\text{NDF}: 27.9/17$

Right Out: 1.744 ± 25.186 $\chi^2/\text{NDF}: 25.8/18$

Left In: 14.189 ± 12.248 $\chi^2/\text{NDF}: 27.2/16$

Left: 14.987 ± 8.532 $\chi^2/\text{NDF}: 55.1/34$

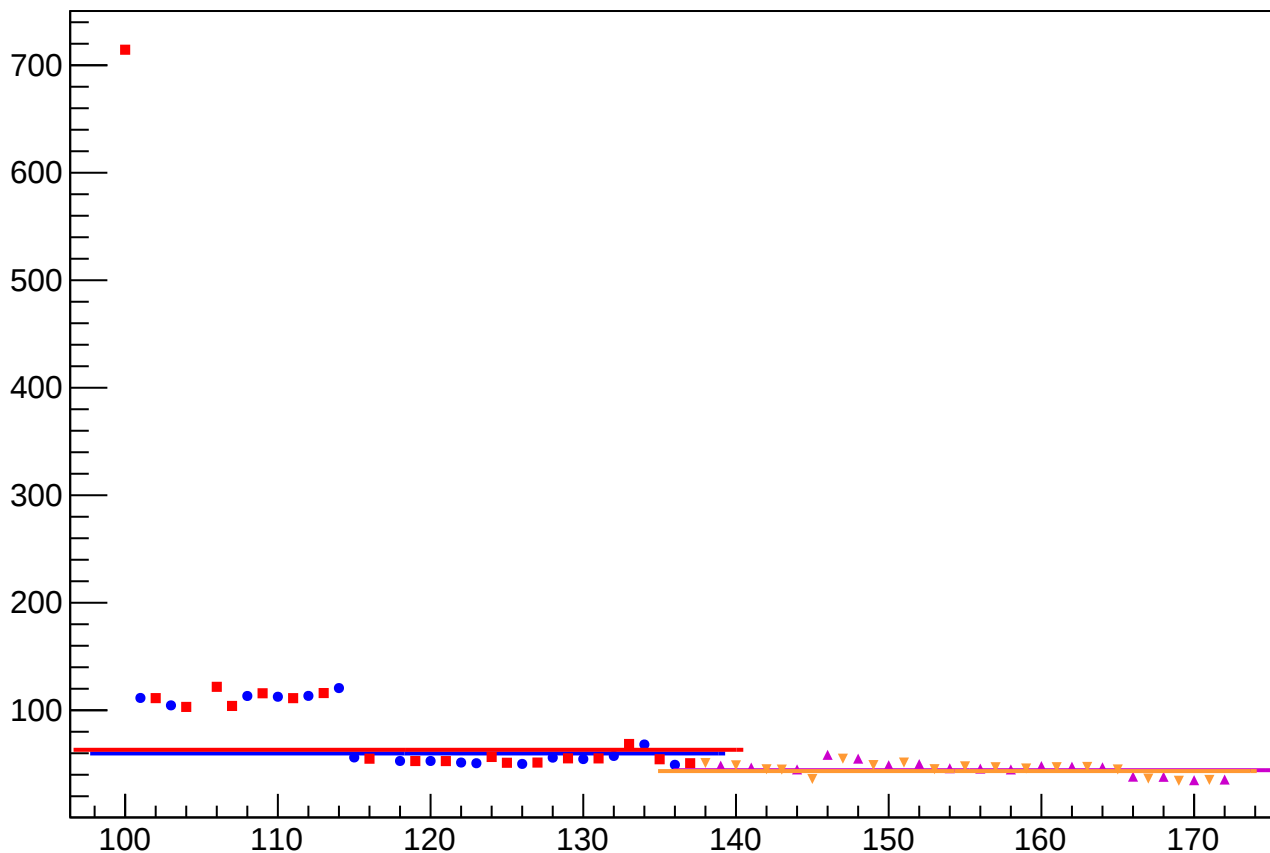
Right: -35.049 ± 17.473 $\chi^2/\text{NDF}: 43.4/35$

In: -2.746 ± 10.933 $\chi^2/\text{NDF}: 50.1/33$

Out: 13.188 ± 10.754 $\chi^2/\text{NDF}: 54.0/36$

All: 5.353 ± 7.667 $\chi^2/\text{NDF}: 105.2/70$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 43.420 $\pm$ 0.008 χ^2/NDF : 546078.4/17

Right Out: 63.223 $\pm$ 0.018 χ^2/NDF : 1504271.8/18

Left In: 44.243 $\pm$ 0.009 χ^2/NDF : 510276.5/16

Left: 43.820 $\pm$ 0.006 χ^2/NDF : 1061000.8/34

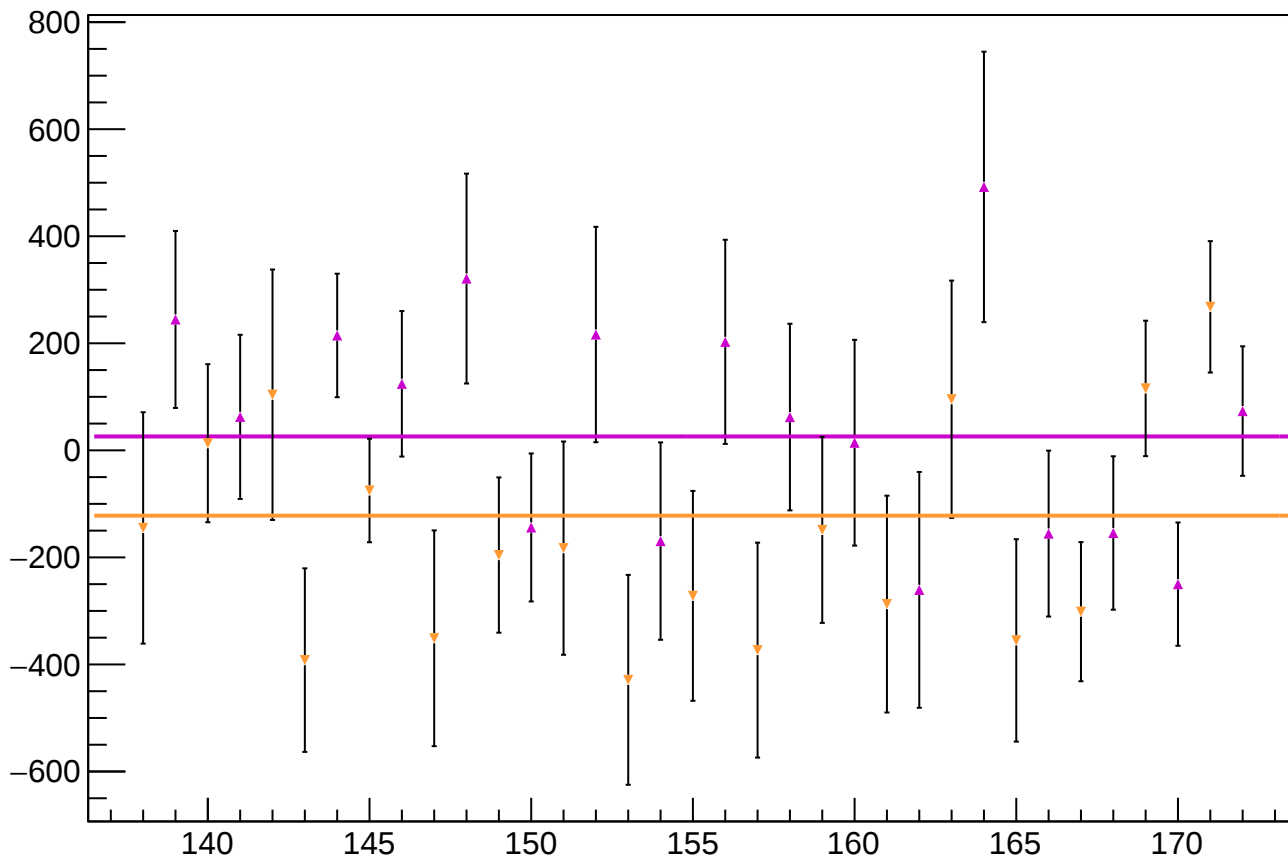
Right: 61.452 $\pm$ 0.012 χ^2/NDF : 2753314.9/35

In: 47.405 $\pm$ 0.008 χ^2/NDF : 2396368.6/33

Out: 47.031 $\pm$ 0.008 χ^2/NDF : 3061309.1/36

All: 47.214 $\pm$ 0.005 χ^2/NDF : 5458867.2/70

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: -122.005+/-37.947 χ^2/NDF :29.4/17

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

Left In: 25.953+/-37.835 χ^2/NDF :25.7/16

Left: -47.806+/-26.793 χ^2/NDF : 62.7/34

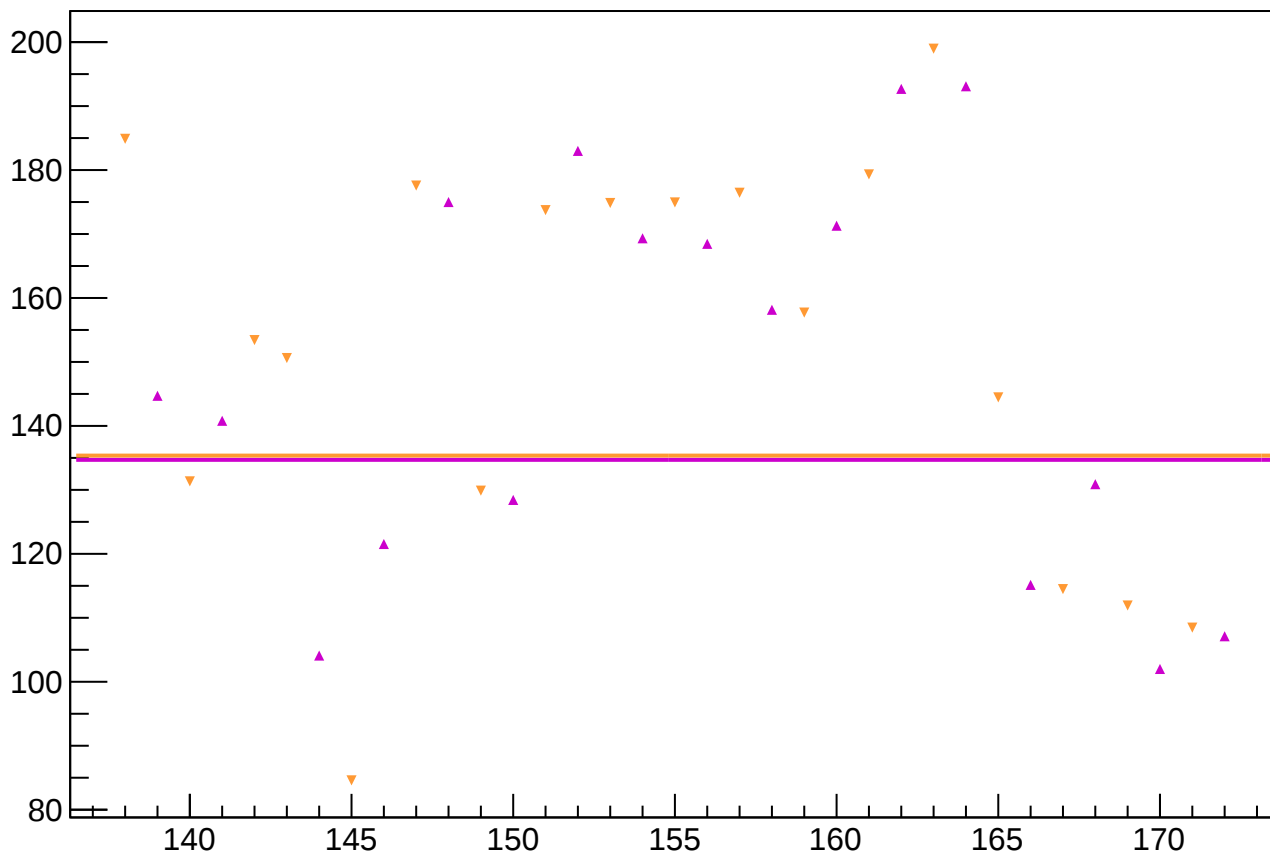
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.953+/-37.835 χ^2/NDF :25.7/16

Out: -122.005+/-37.947 χ^2/NDF :29.4/17

All: -47.806+/-26.793 χ^2/NDF : 62.7/34

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

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

Left In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Left: 135.027+/-0.019 χ^2/NDF : 2769258.3/34

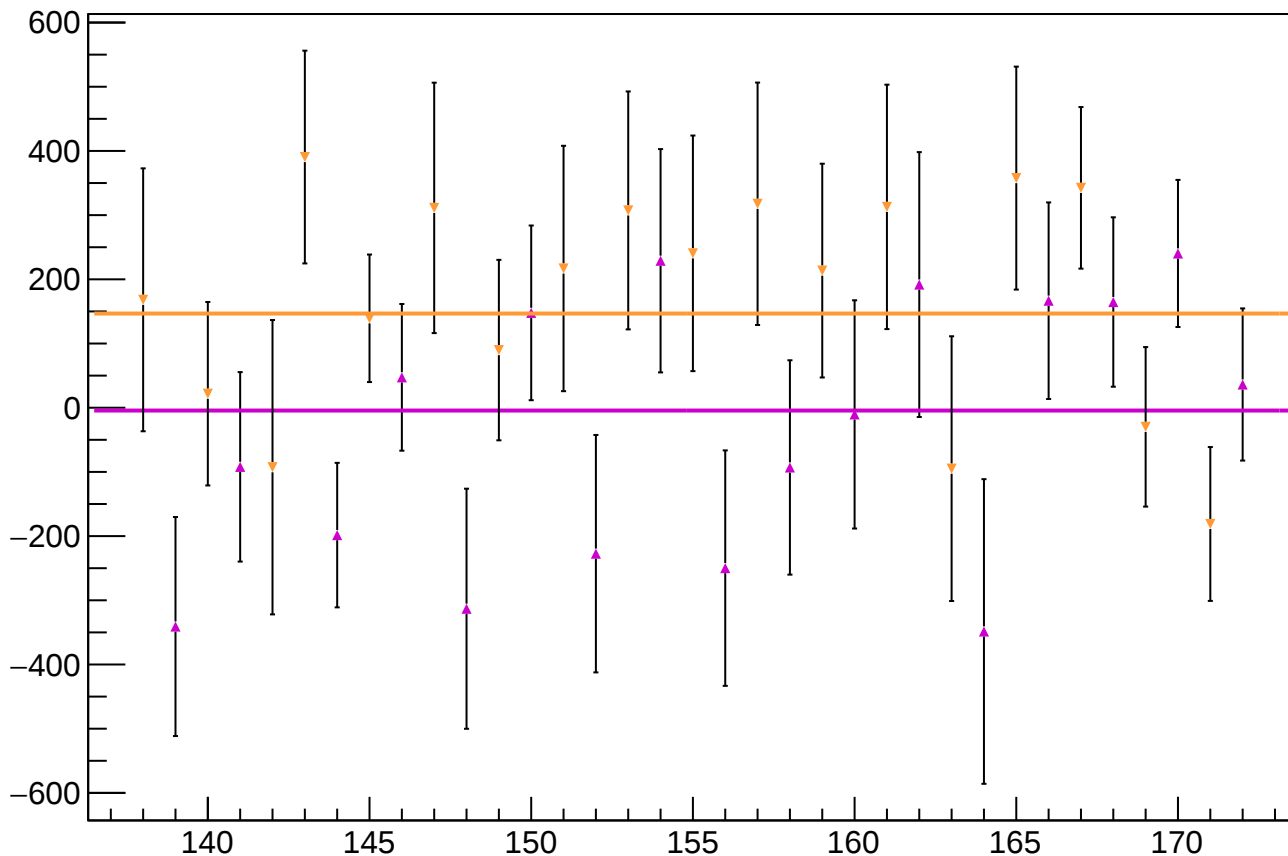
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

All: 135.027+/-0.019 χ^2/NDF : 2769258.3/34

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

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

Left In: -4.396 $\pm$ 36.115 χ^2 /NDF:27.3/16

Left: 69.748 $\pm$ 25.774 χ^2 /NDF: 58.5/34

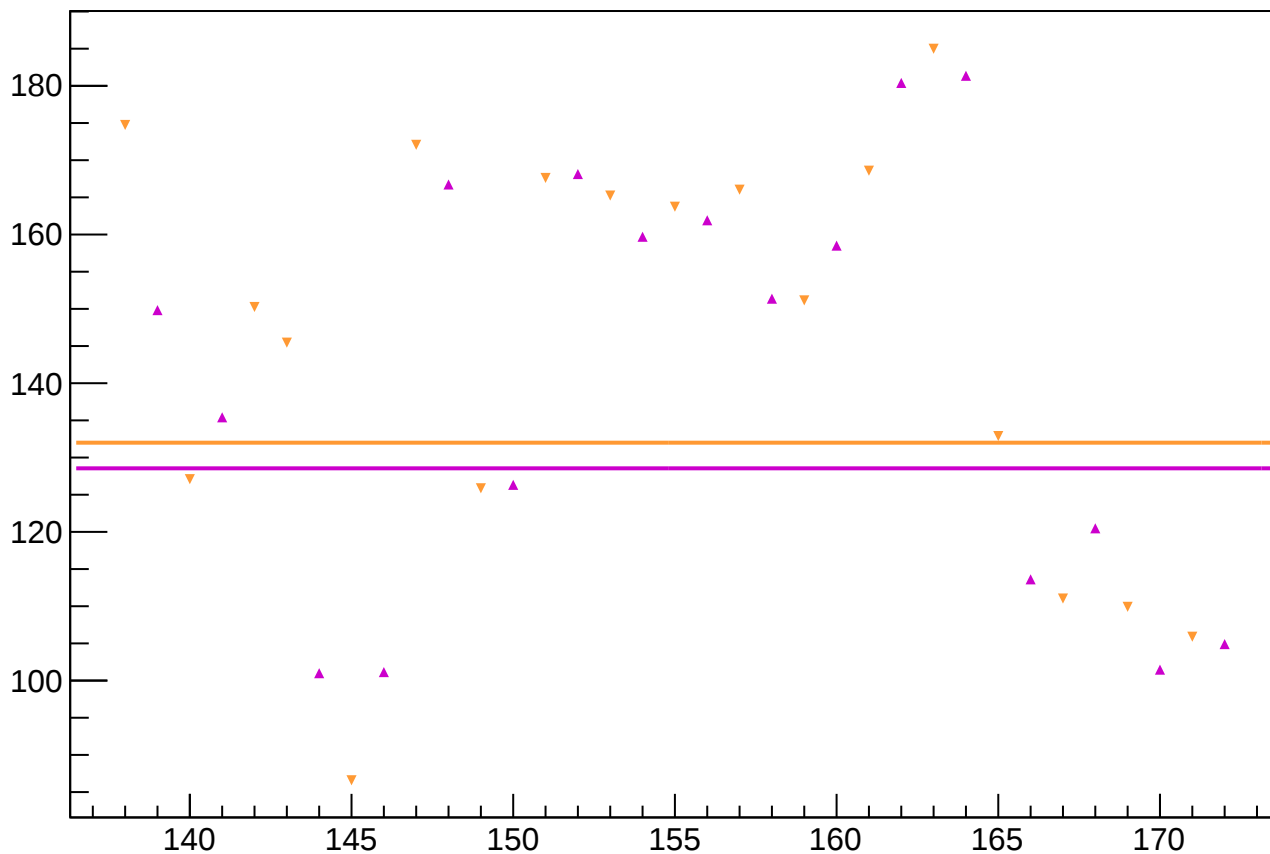
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.396 $\pm$ 36.115 χ^2 /NDF:27.3/16

Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

All: 69.748 $\pm$ 25.774 χ^2 /NDF: 58.5/34

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

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

Left In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Left: 130.243+/-0.018 χ^2/NDF : 2448871.8/34

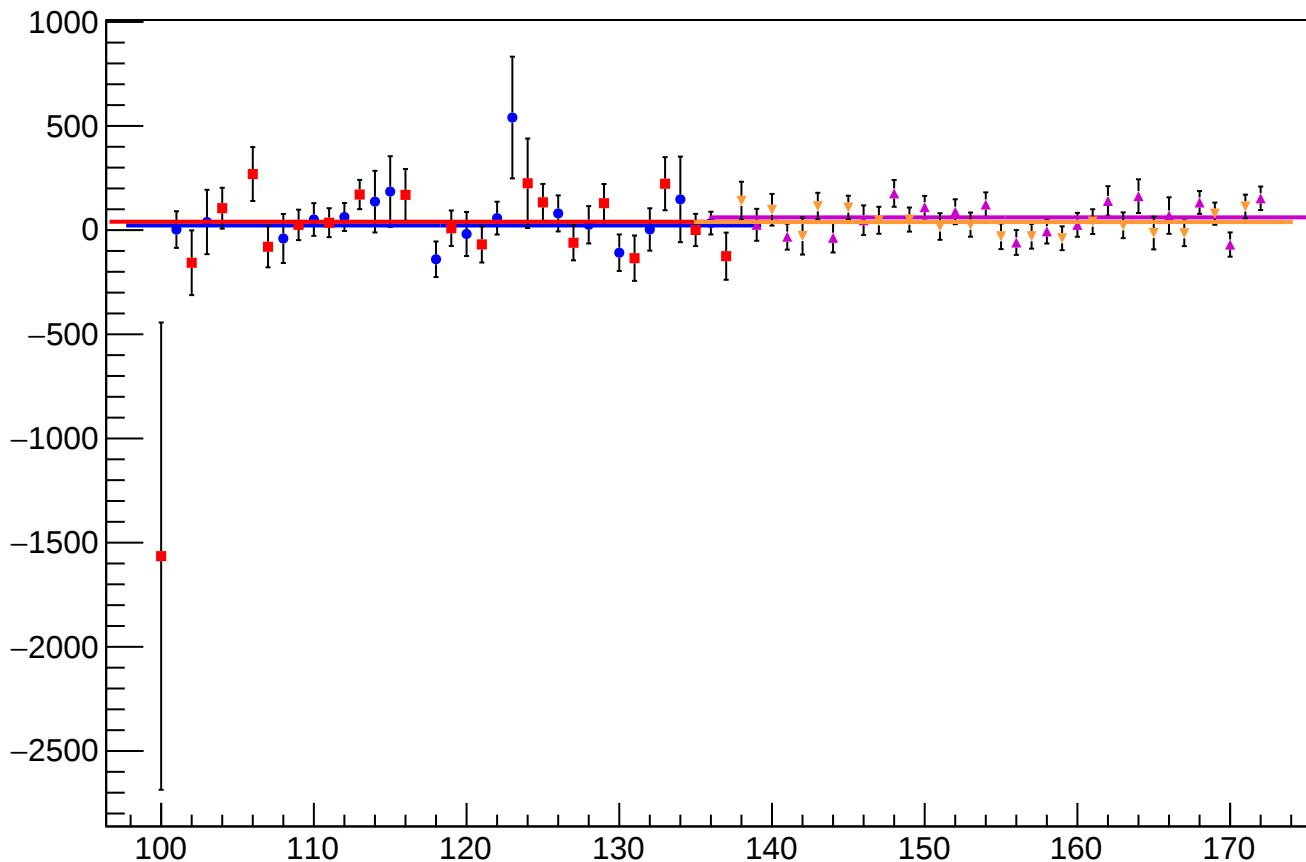
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

All: 130.243+/-0.018 χ^2/NDF : 2448871.8/34

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.732 $\pm$ 14.849 χ^2 /NDF:13.5/17

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 61.183 $\pm$ 15.280 χ^2 /NDF:27.7/16

Left: 49.637 $\pm$ 10.649 χ^2 /NDF: 42.3/34

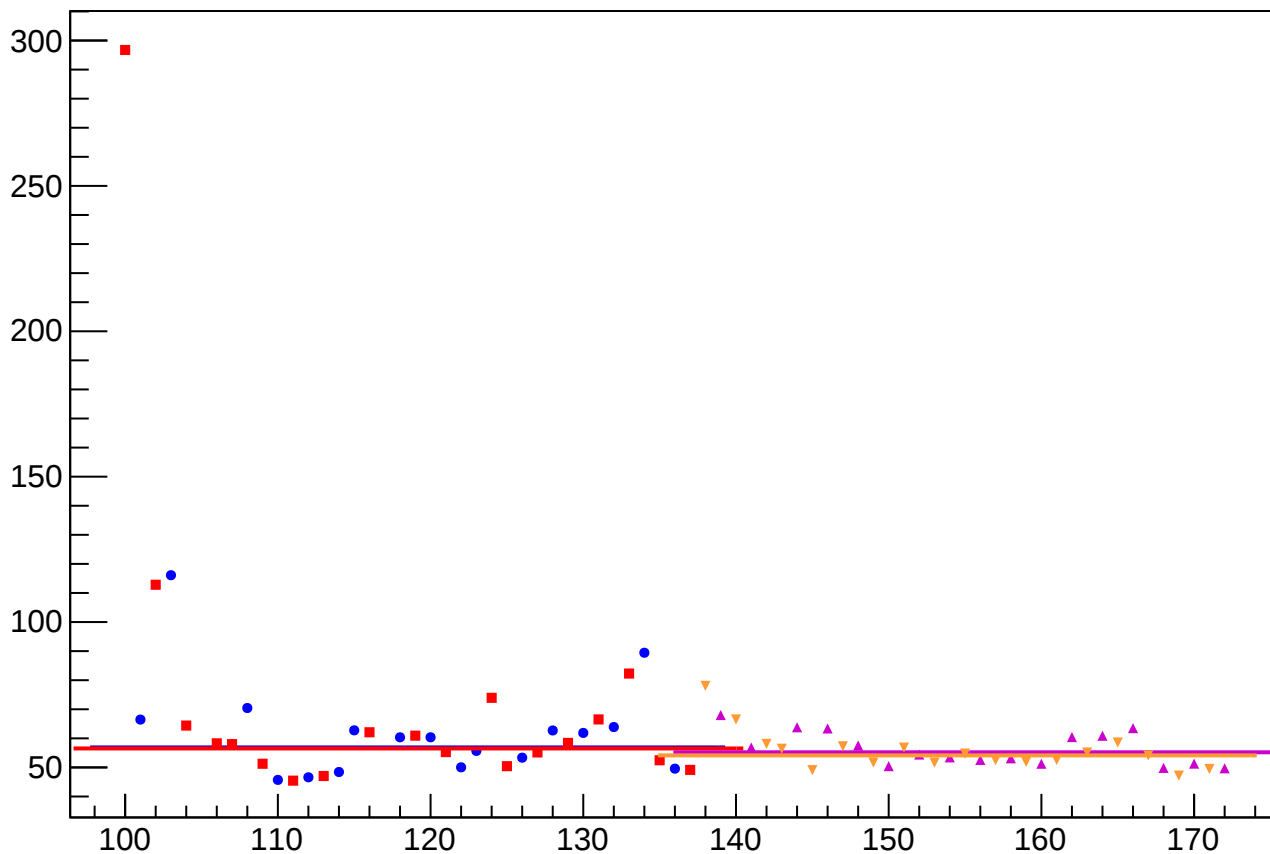
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 49.023 $\pm$ 12.662 χ^2 /NDF:42.3/33

Out: 39.201 $\pm$ 12.331 χ^2 /NDF:39.7/36

All: 43.981 $\pm$ 8.834 χ^2 /NDF: 82.4/70

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 54.142 $\pm$ 0.010 χ^2 /NDF: 286832.7/17

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.204 $\pm$ 0.011 χ^2 /NDF: 235475.0/16

Left: 54.658 $\pm$ 0.008 χ^2 /NDF: 527274.9/34

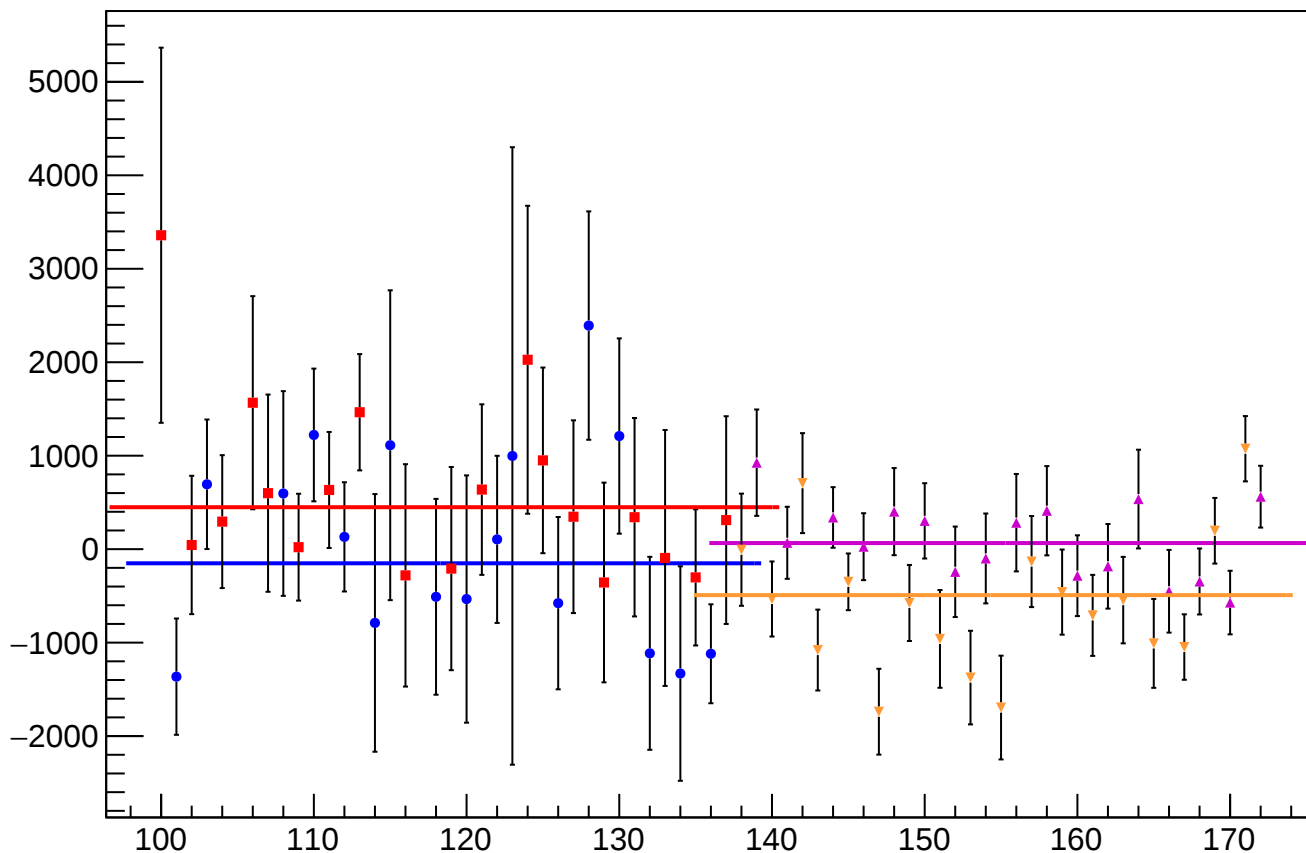
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 55.729 $\pm$ 0.009 χ^2 /NDF: 818488.4/33

Out: 54.883 $\pm$ 0.009 χ^2 /NDF: 915128.8/36

All: 55.294 $\pm$ 0.006 χ^2 /NDF: 1738198.7/70

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -491.800+/-100.882 χ^2/NDF : 52.2/17

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 65.199+/-100.347 χ^2/NDF : 15.3/16

Left: -211.820+/-71.144 χ^2/NDF : 82.9/34

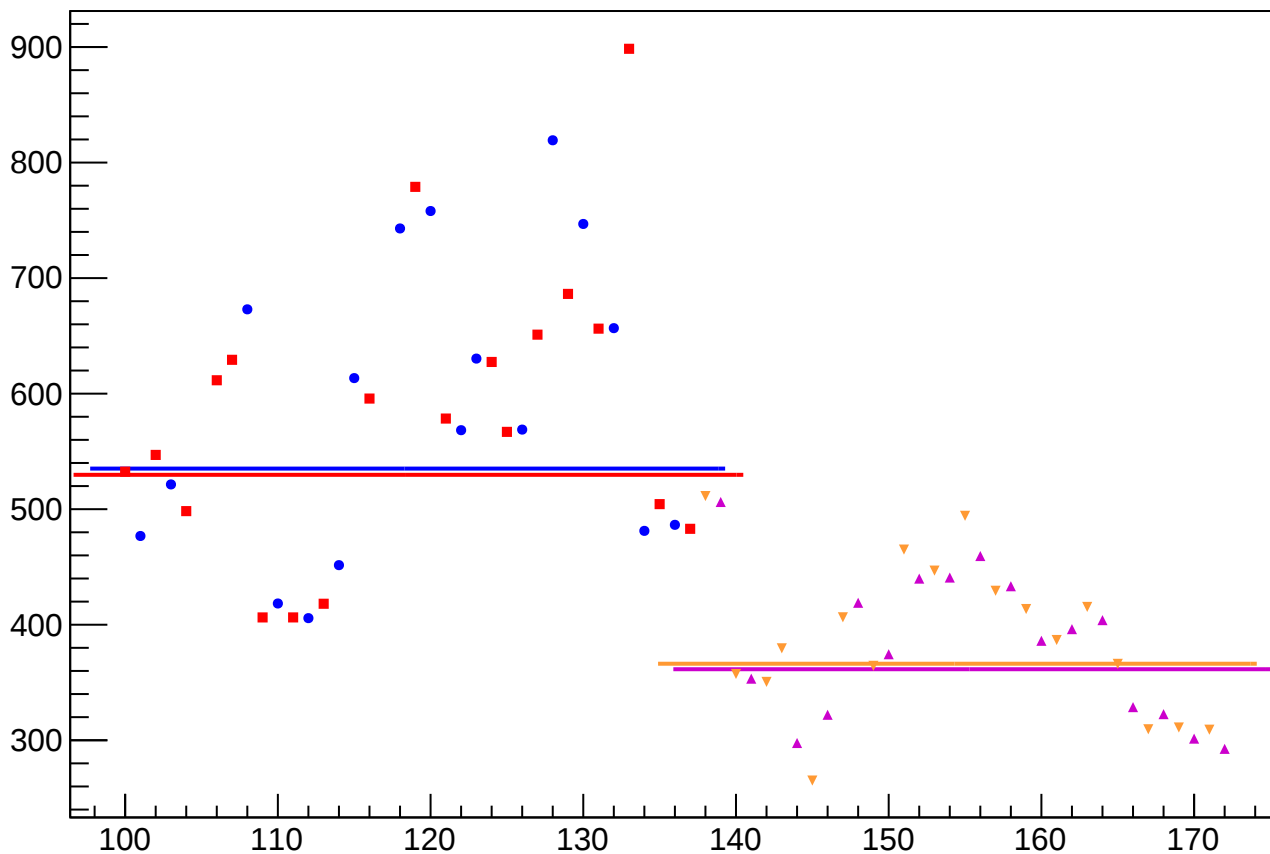
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 25.727+/-90.734 χ^2/NDF : 38.6/33

Out: -306.950+/-90.429 χ^2/NDF : 79.8/36

All: -141.173+/-64.050 χ^2/NDF : 125.2/70

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 366.240+/-0.071 χ^2/NDF : 826261.7/17

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 361.481+/-0.071 χ^2/NDF : 703288.2/16

Left: 363.848+/-0.050 χ^2/NDF : 1531787.0/34

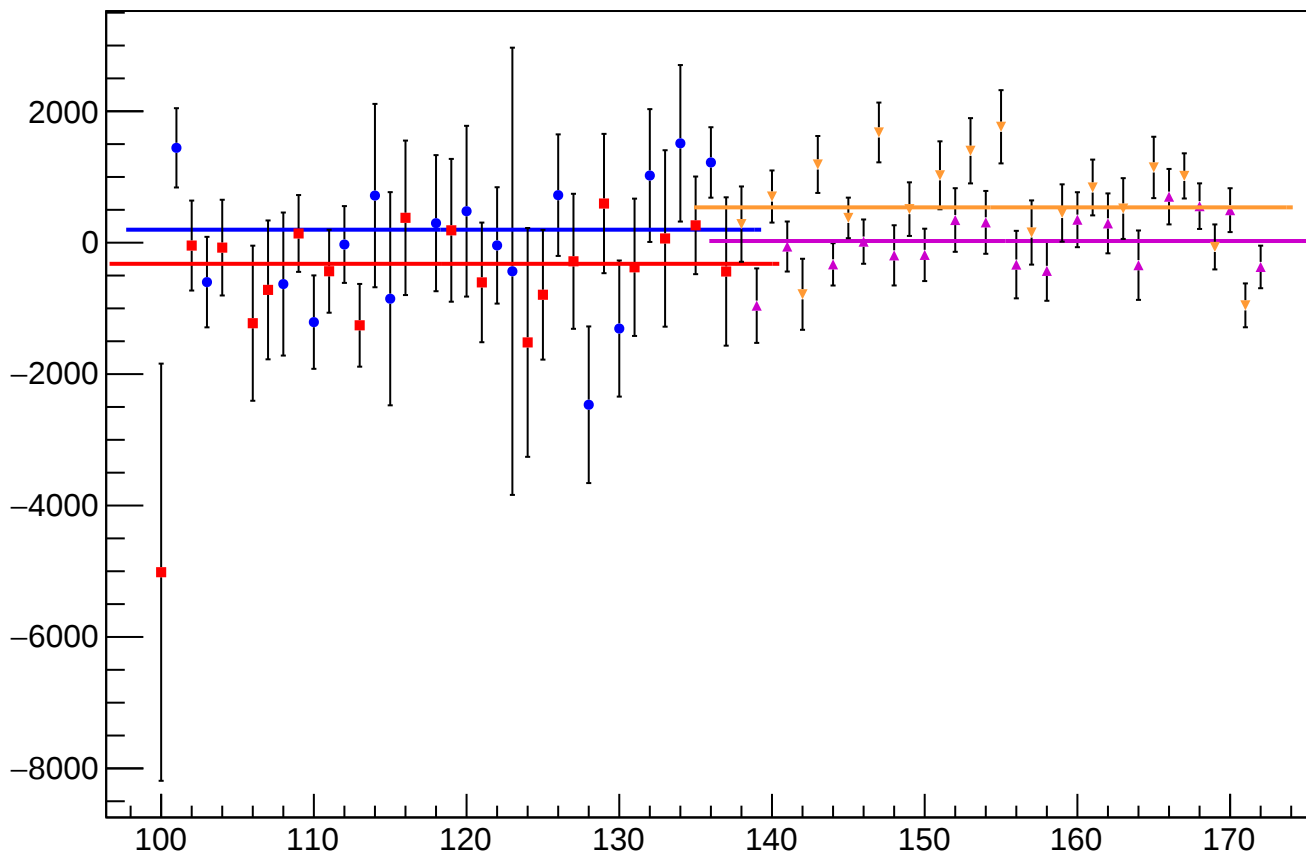
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 393.157+/-0.064 χ^2/NDF : 2391932.0/33

Out: 398.369+/-0.064 χ^2/NDF : 2505375.2/36

All: 395.772+/-0.045 χ^2/NDF : 4900617.7/70

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 537.506 $\pm$ 99.634 χ^2 /NDF:51.8/17

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: 25.485 $\pm$ 98.382 χ^2 /NDF:16.8/16

Left: 278.257 $\pm$ 70.005 χ^2 /NDF: 82.0/34

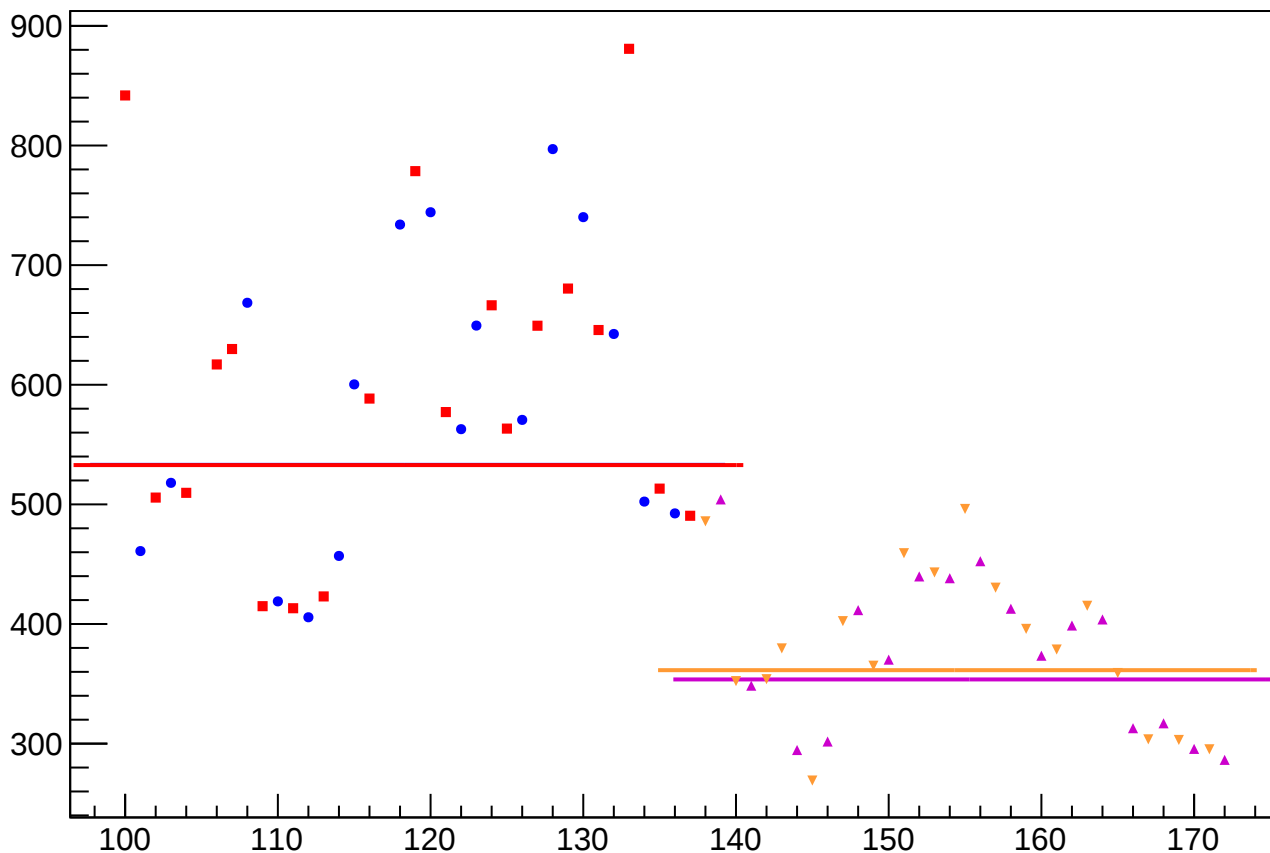
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 56.100 $\pm$ 89.202 χ^2 /NDF:41.3/33

Out: 373.703 $\pm$ 89.633 χ^2 /NDF:74.8/36

All: 214.135 $\pm$ 63.227 χ^2 /NDF: 122.5/70

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 361.408+/-0.070 χ^2/NDF : 813024.3/17

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 353.663+/-0.070 χ^2/NDF : 754814.6/16

Left: 357.486+/-0.050 χ^2/NDF : 1573958.8/34

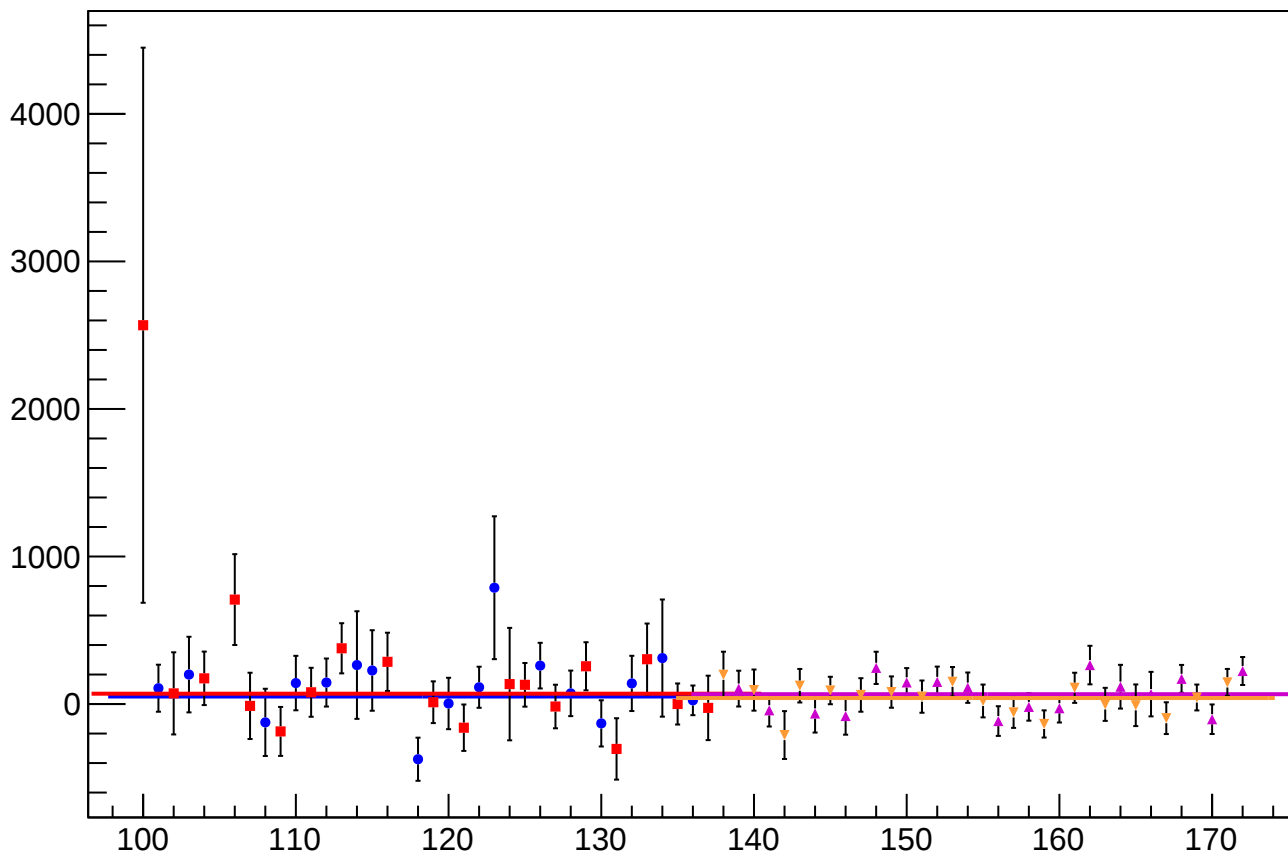
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 385.575+/-0.063 χ^2/NDF : 2504443.0/33

Out: 394.099+/-0.063 χ^2/NDF : 2559184.8/36

All: 389.816+/-0.045 χ^2/NDF : 5072715.9/70

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 40.710 $\pm$ 25.609 χ^2 /NDF:14.0/17

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 66.668 $\pm$ 26.324 χ^2 /NDF:22.0/16

Left: 53.332 $\pm$ 18.356 χ^2 /NDF: 36.5/34

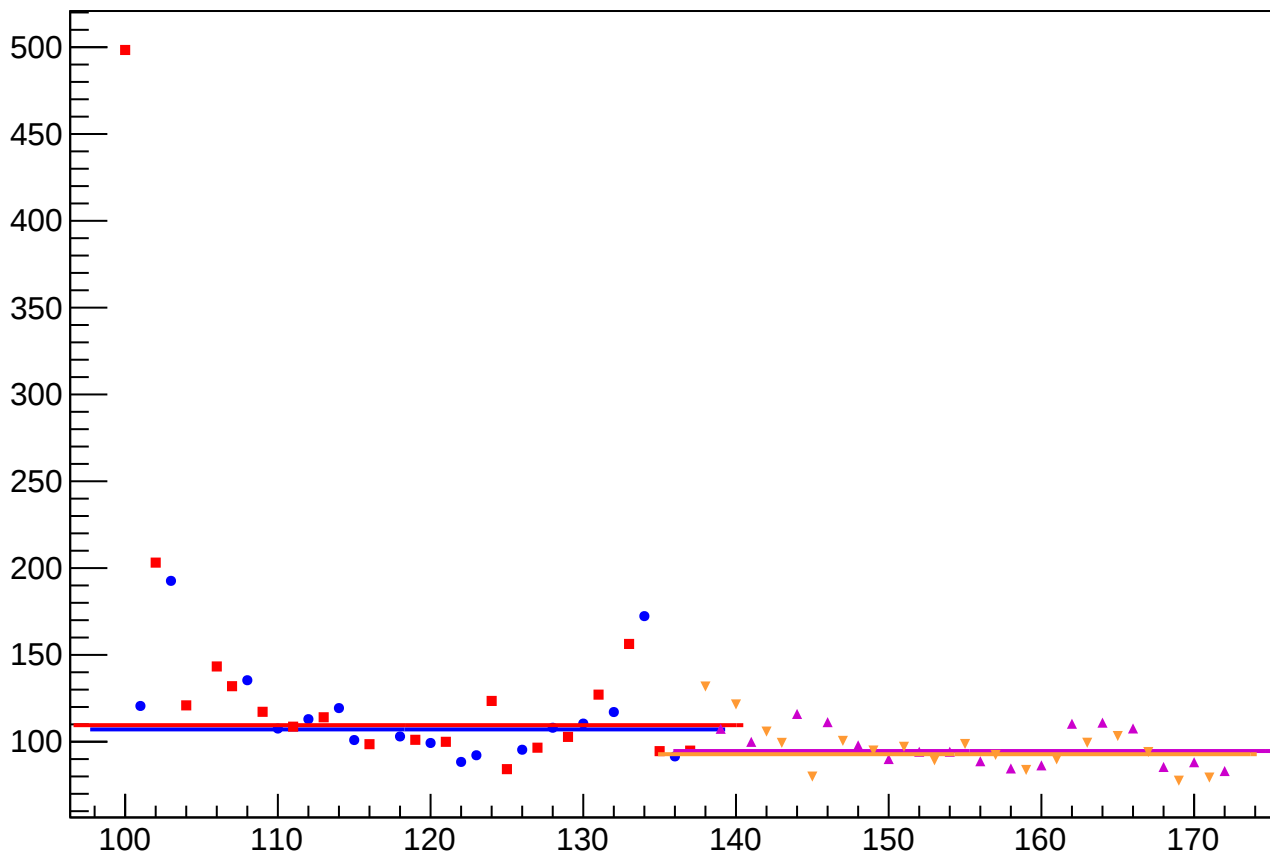
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 62.357 $\pm$ 22.367 χ^2 /NDF:39.5/33

Out: 48.453 $\pm$ 21.975 χ^2 /NDF:36.5/36

All: 55.282 $\pm$ 15.675 χ^2 /NDF: 76.2/70

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 92.818 $\pm$ 0.018 χ^2 /NDF: 430974.1/17

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 94.639 $\pm$ 0.019 χ^2 /NDF: 291958.6/16

Left: 93.704 $\pm$ 0.013 χ^2 /NDF: 727847.9/34

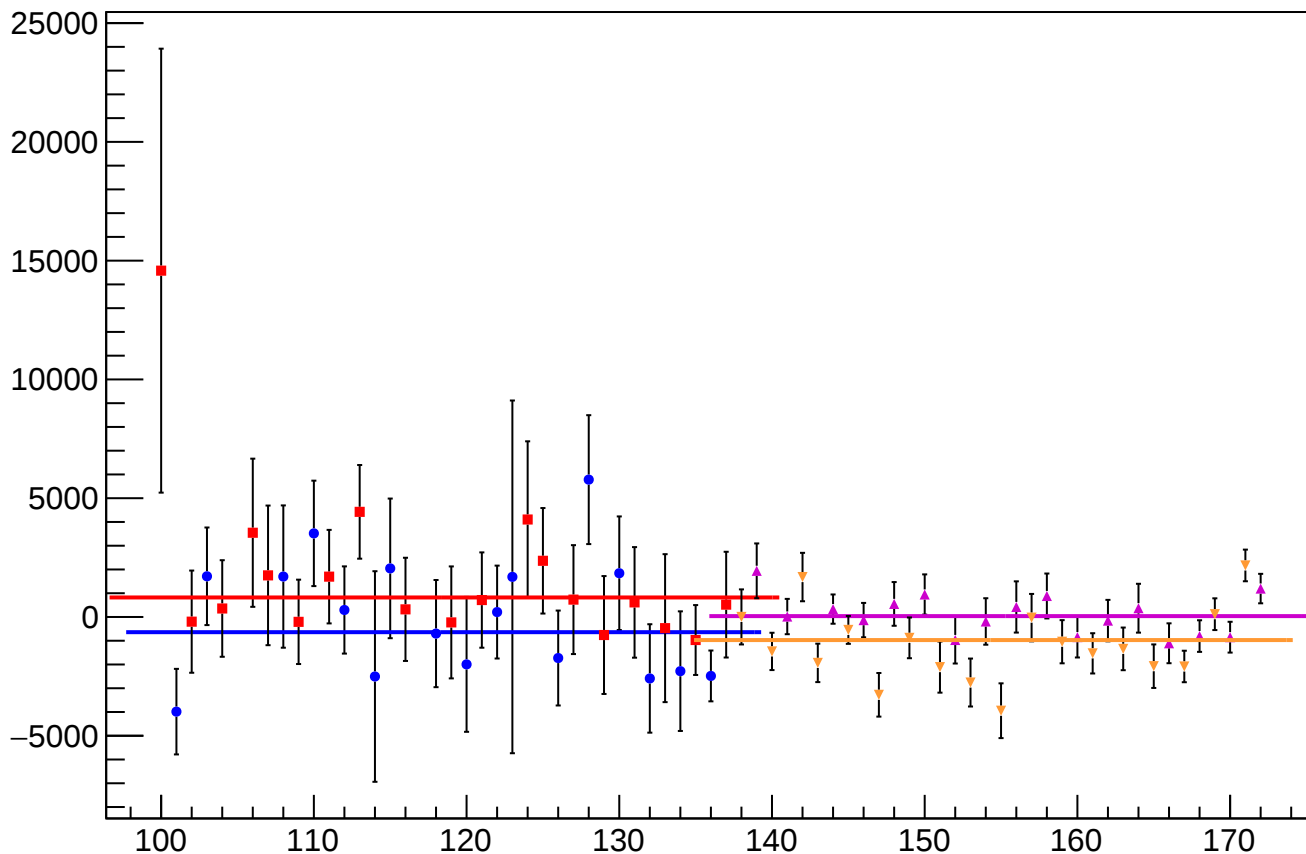
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 98.102 $\pm$ 0.016 χ^2 /NDF: 854207.0/33

Out: 97.225 $\pm$ 0.016 χ^2 /NDF: 1247102.3/36

All: 97.656 $\pm$ 0.011 χ^2 /NDF: 2102873.1/70

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -972.032+/-197.203 χ^2/NDF : 57.7/17

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 36.515+/-196.113 χ^2/NDF : 16.5/16

Left: -464.963+/-139.057 χ^2/NDF : 87.4/34

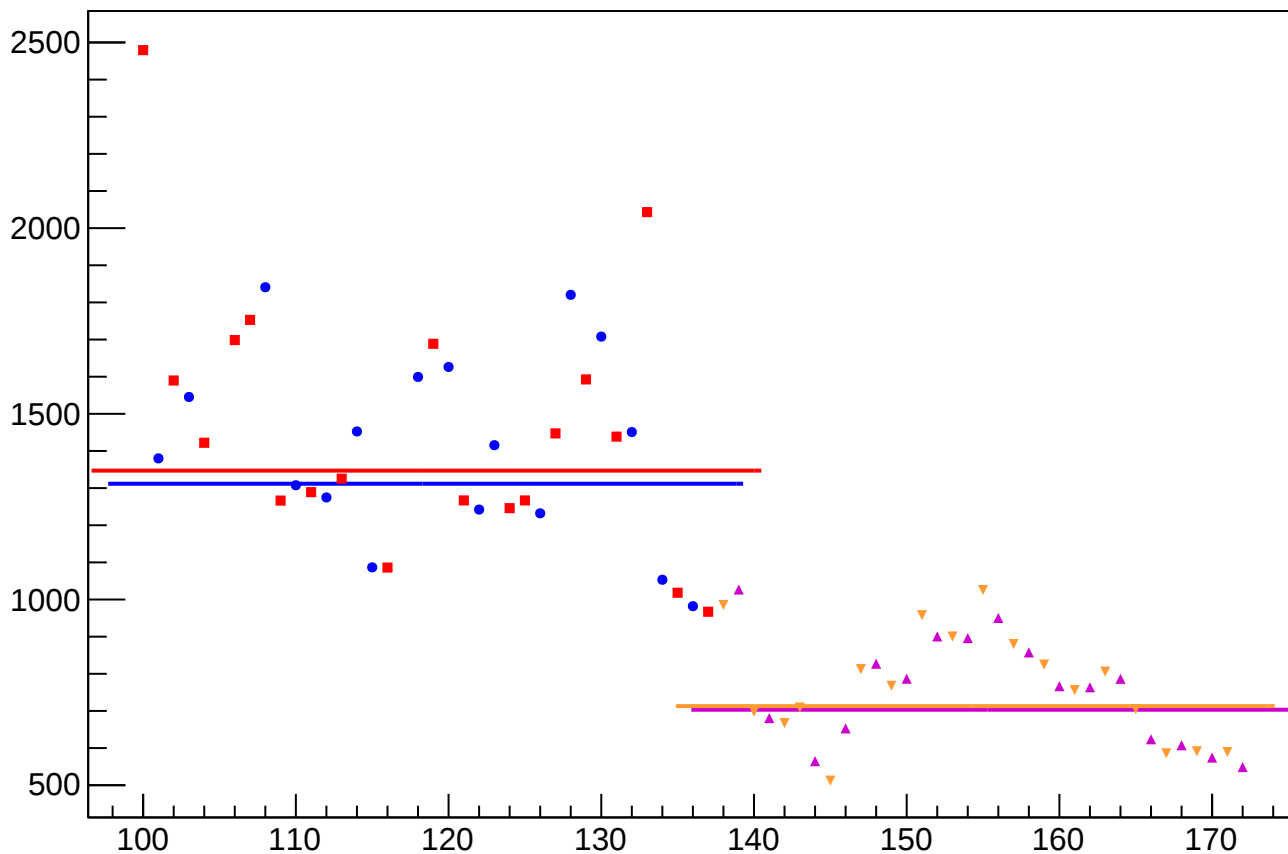
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -47.921+/-183.464 χ^2/NDF : 39.8/33

Out: -743.199+/-184.193 χ^2/NDF : 79.2/36

All: -394.180+/-129.986 χ^2/NDF : 126.2/70

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 712.935 $\pm$ 0.139 χ^2 /NDF:1022283.5/17

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 703.263 $\pm$ 0.139 χ^2 /NDF:937518.2/16

Left: 708.072 $\pm$ 0.098 χ^2 /NDF: 1962220.4/34

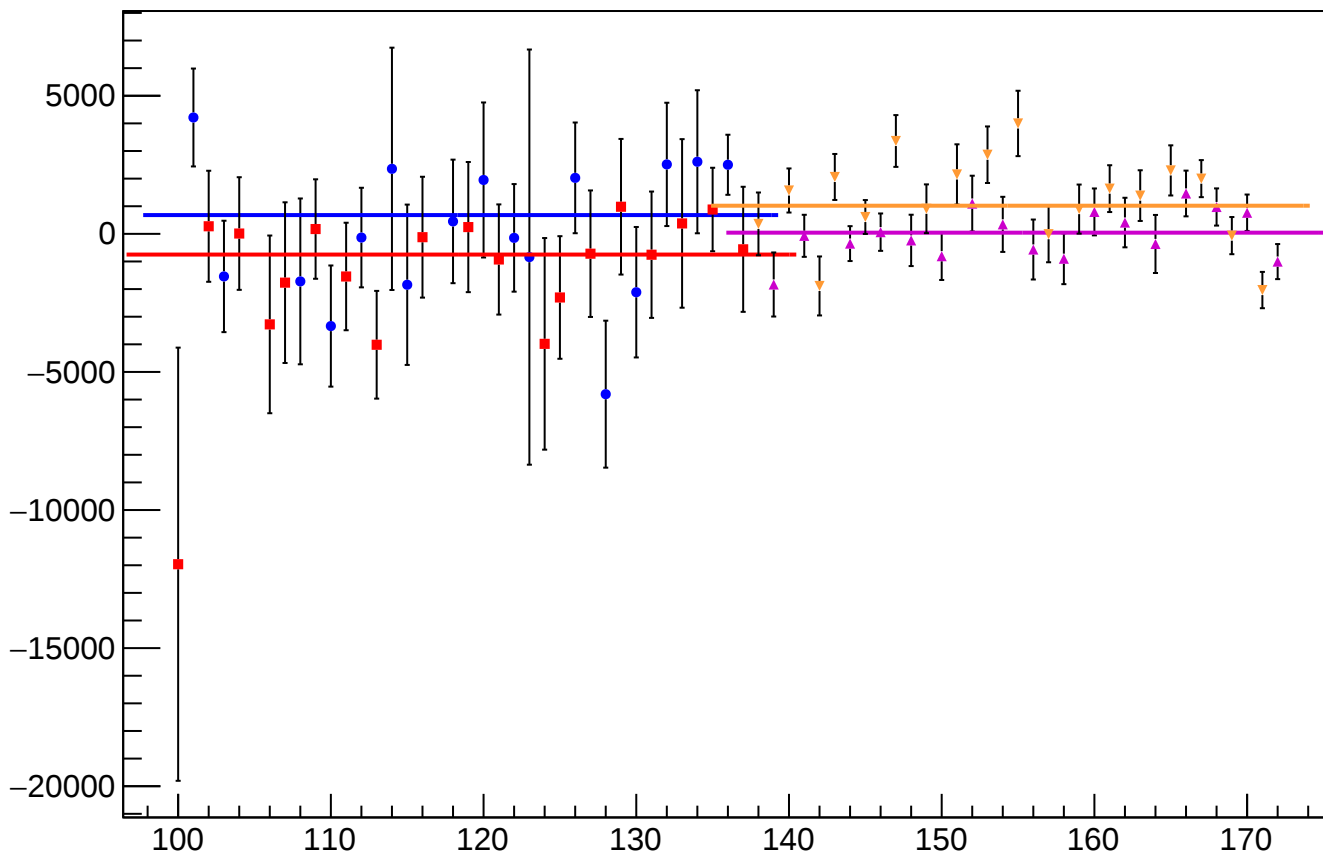
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 779.231 $\pm$ 0.130 χ^2 /NDF:3854197.7/33

Out: 793.850 $\pm$ 0.130 χ^2 /NDF:4151789.3/36

All: 786.512 $\pm$ 0.092 χ^2 /NDF: 8012310.7/70

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1019.131 $\pm$ 199.941 χ^2 /NDF:57.2/17

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: 42.802 $\pm$ 197.410 χ^2 /NDF:16.5/16

Left: 524.749 $\pm$ 140.476 χ^2 /NDF: 85.7/34

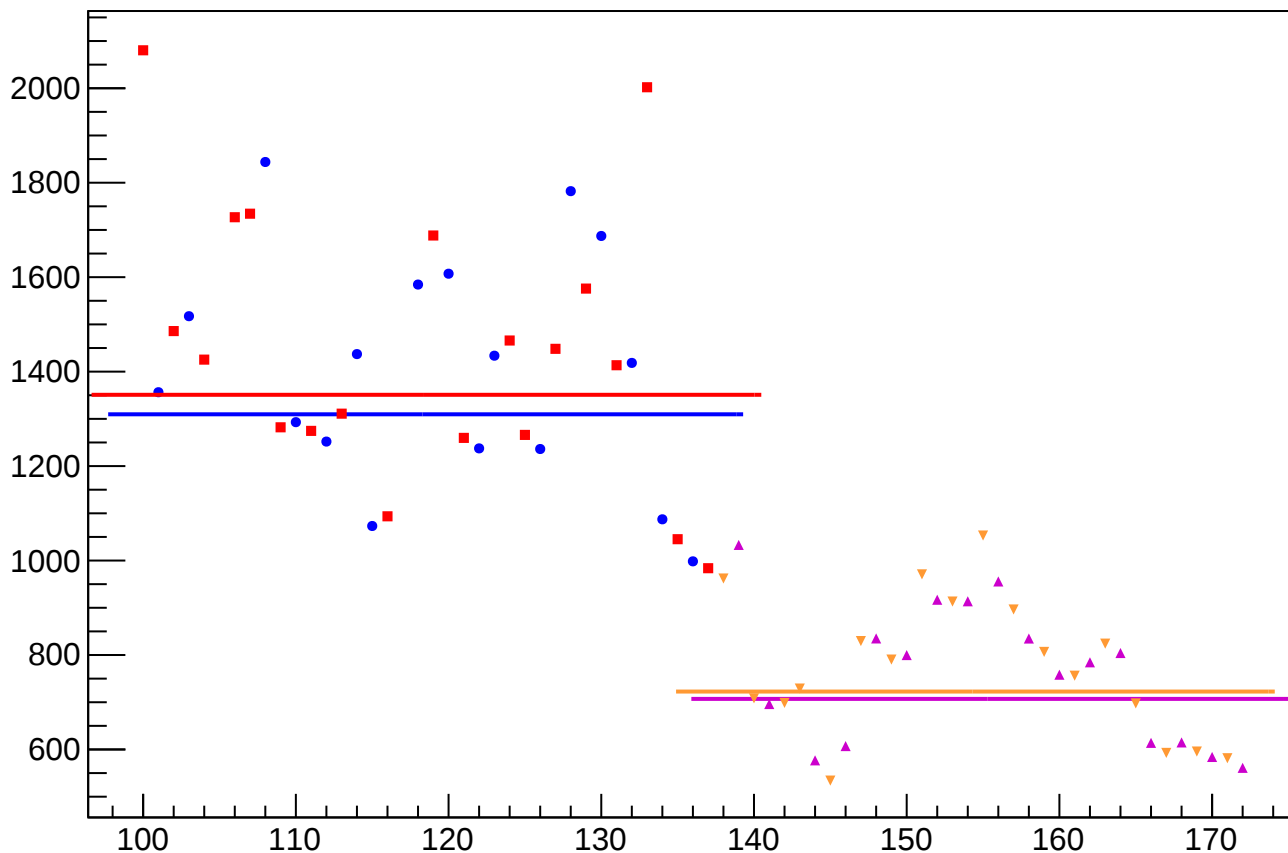
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 123.735 $\pm$ 184.446 χ^2 /NDF:40.4/33

Out: 788.375 $\pm$ 186.443 χ^2 /NDF:77.1/36

All: 452.476 $\pm$ 131.123 χ^2 /NDF: 123.9/70

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654±/0.366 χ^2/NDF : 459314.8/16

Left Out: 722.628±/0.141 χ^2/NDF : 989361.1/17

Right Out: 1350.942±/0.365 χ^2/NDF : 422723.4/18

Left In: 707.068±/0.140 χ^2/NDF : 941251.5/16

Left: 714.749±/0.099 χ^2/NDF : 1936746.4/34

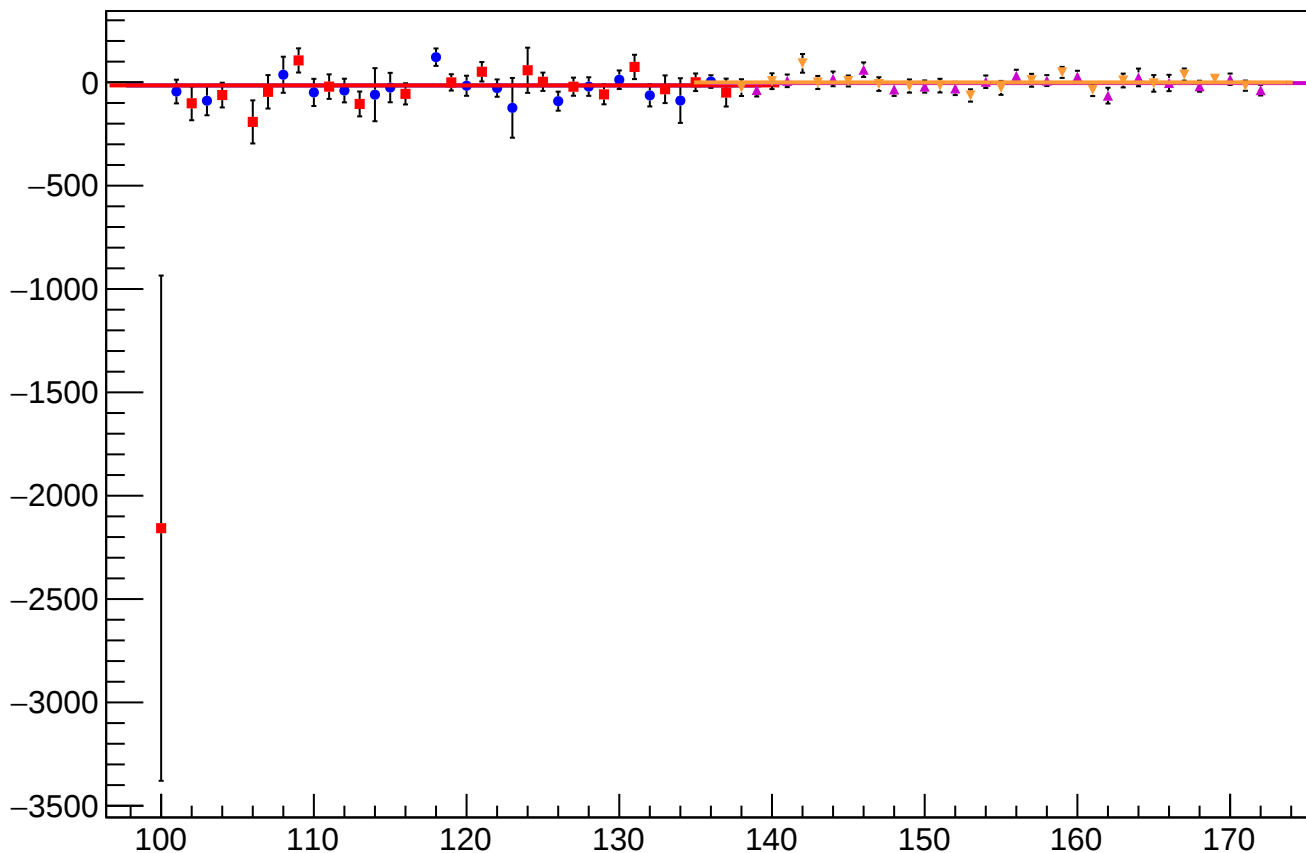
Right: 1330.350±/0.258 χ^2/NDF : 888419.4/35

In: 783.614±/0.130 χ^2/NDF : 3767762.7/33

Out: 804.595±/0.132 χ^2/NDF : 3988660.6/36

All: 793.991±/0.093 χ^2/NDF : 7769223.6/70

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -0.408 ± 7.348 $\chi^2/\text{NDF}: 17.8/17$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -3.793 ± 7.494 $\chi^2/\text{NDF}: 15.3/16$

Left: -2.067 ± 5.247 $\chi^2/\text{NDF}: 33.1/34$

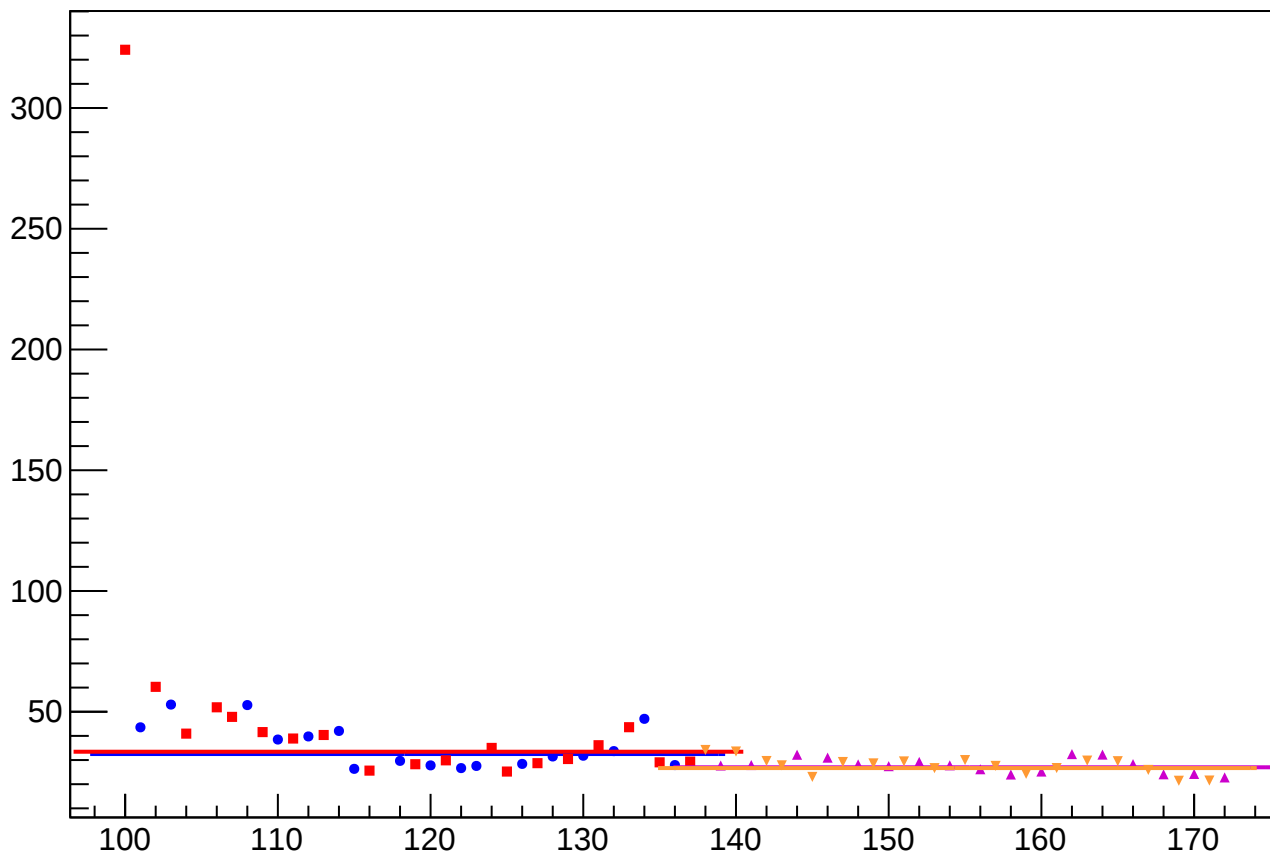
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -6.690 ± 6.481 $\chi^2/\text{NDF}: 34.2/33$

Out: -3.922 ± 6.408 $\chi^2/\text{NDF}: 40.0/36$

All: -5.290 ± 4.557 $\chi^2/\text{NDF}: 74.3/70$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.675 $\pm$ 0.005 χ^2 /NDF: 460877.2/17

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 26.999 $\pm$ 0.005 χ^2 /NDF: 290091.5/16

Left: 26.834 $\pm$ 0.004 χ^2 /NDF: 752874.8/34

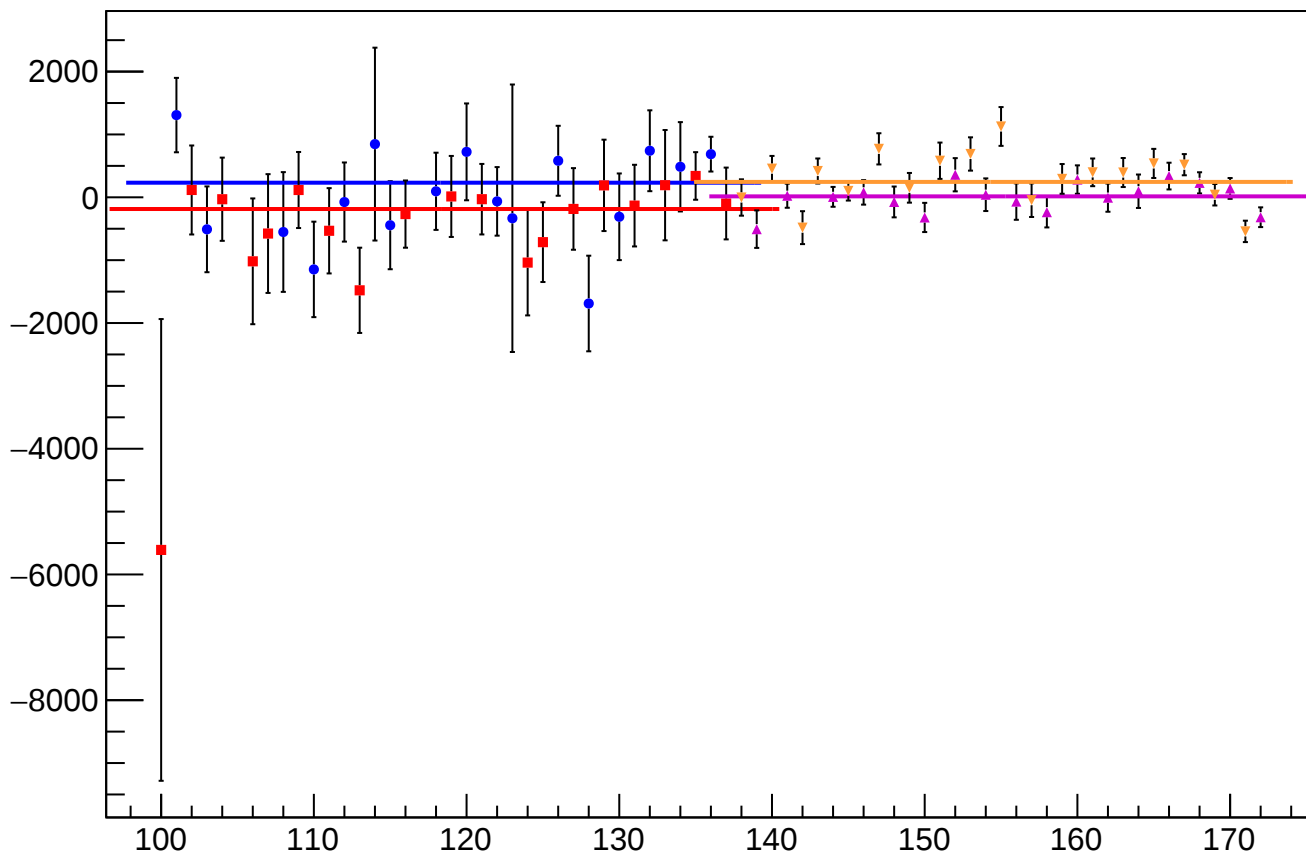
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.383 $\pm$ 0.005 χ^2 /NDF: 1155206.0/33

Out: 28.296 $\pm$ 0.005 χ^2 /NDF: 1705646.9/36

All: 28.339 $\pm$ 0.003 χ^2 /NDF: 2861036.8/70

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 244.978 $\pm$ 51.063 χ^2 /NDF:57.3/17

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 15.017 $\pm$ 50.890 χ^2 /NDF:18.7/16

Left: 129.608 $\pm$ 36.046 χ^2 /NDF: 86.2/34

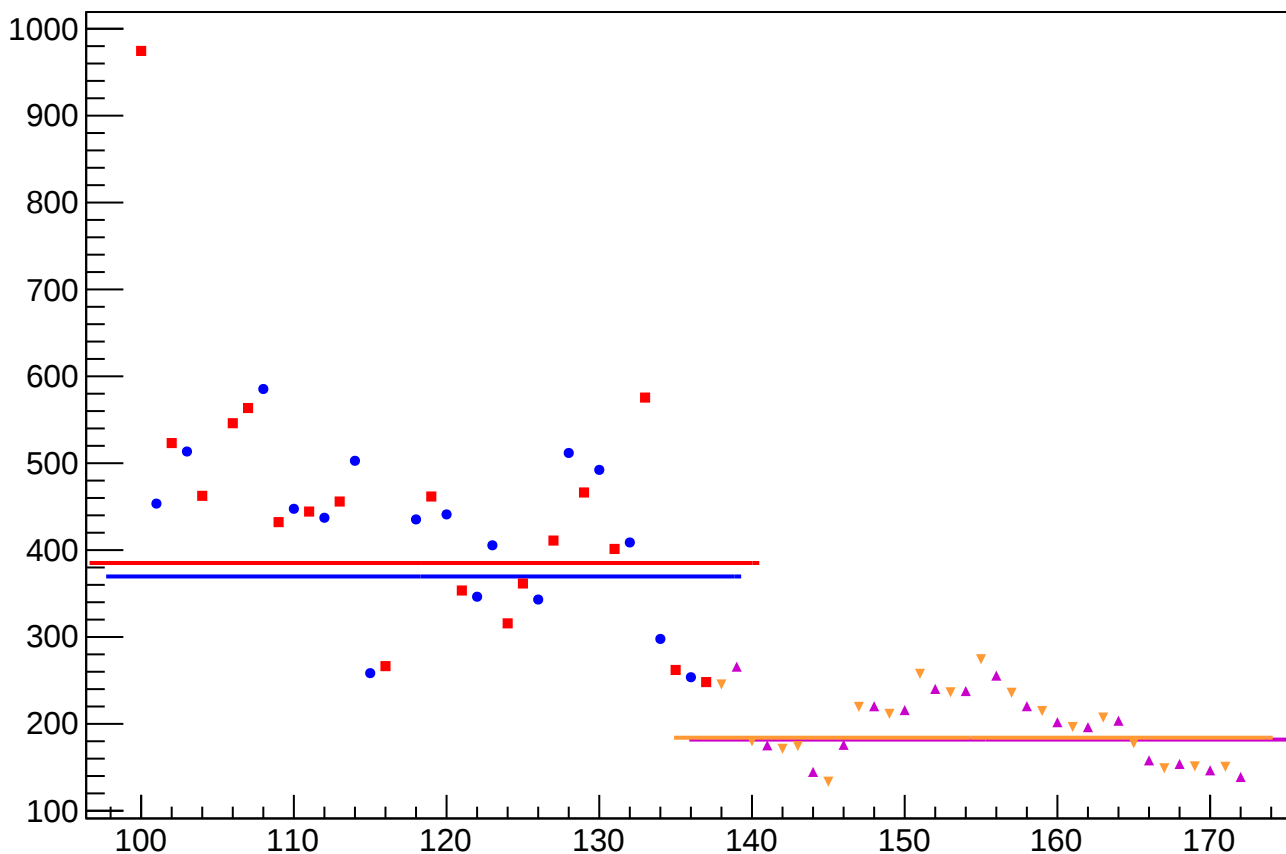
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 37.827 $\pm$ 48.145 χ^2 /NDF:42.1/33

Out: 200.134 $\pm$ 48.335 χ^2 /NDF:76.5/36

All: 118.662 $\pm$ 34.111 χ^2 /NDF: 124.3/70

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 184.102+/-0.036 χ^2/NDF : 1140486.0/17

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 181.924+/-0.036 χ^2/NDF : 1094184.7/16

Left: 183.010+/-0.025 χ^2/NDF : 2236496.4/34

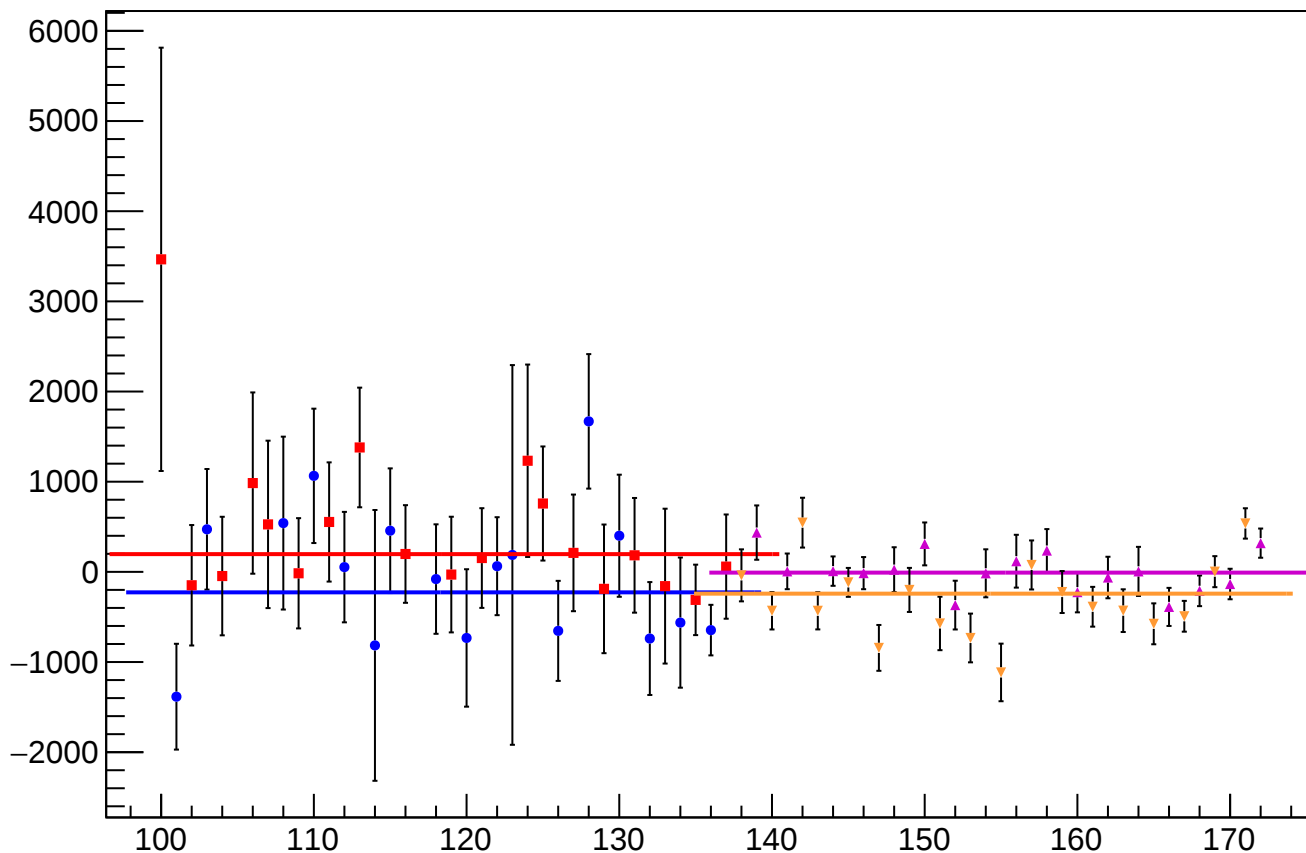
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 201.628+/-0.034 χ^2/NDF : 4853487.7/33

Out: 205.012+/-0.034 χ^2/NDF : 5291666.4/36

All: 203.314+/-0.024 χ^2/NDF : 10150074.8/70

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -241.714 ± 51.927 χ^2/NDF : 58.7/17

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -8.438 ± 51.360 χ^2/NDF : 17.3/16

Left: -123.796 ± 36.516 χ^2/NDF : 86.2/34

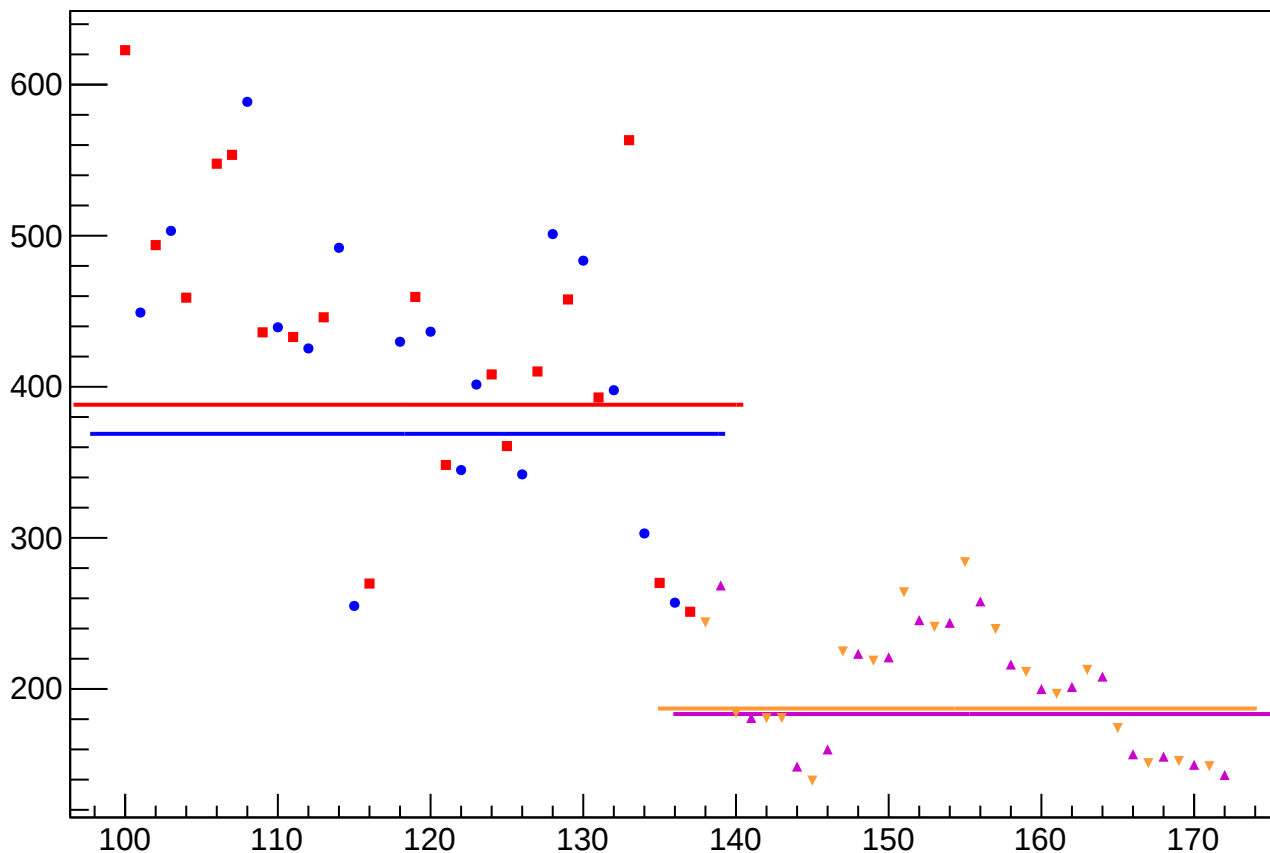
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -31.982 ± 48.519 χ^2/NDF : 41.1/33

Out: -194.891 ± 49.076 χ^2/NDF : 77.1/36

All: -112.506 ± 34.503 χ^2/NDF : 123.7/70

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 187.083 $\pm$ 0.037 χ^2 /NDF:1139014.6/17

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 183.412 $\pm$ 0.036 χ^2 /NDF:1092280.1/16

Left: 185.227 $\pm$ 0.026 χ^2 /NDF: 2236346.4/34

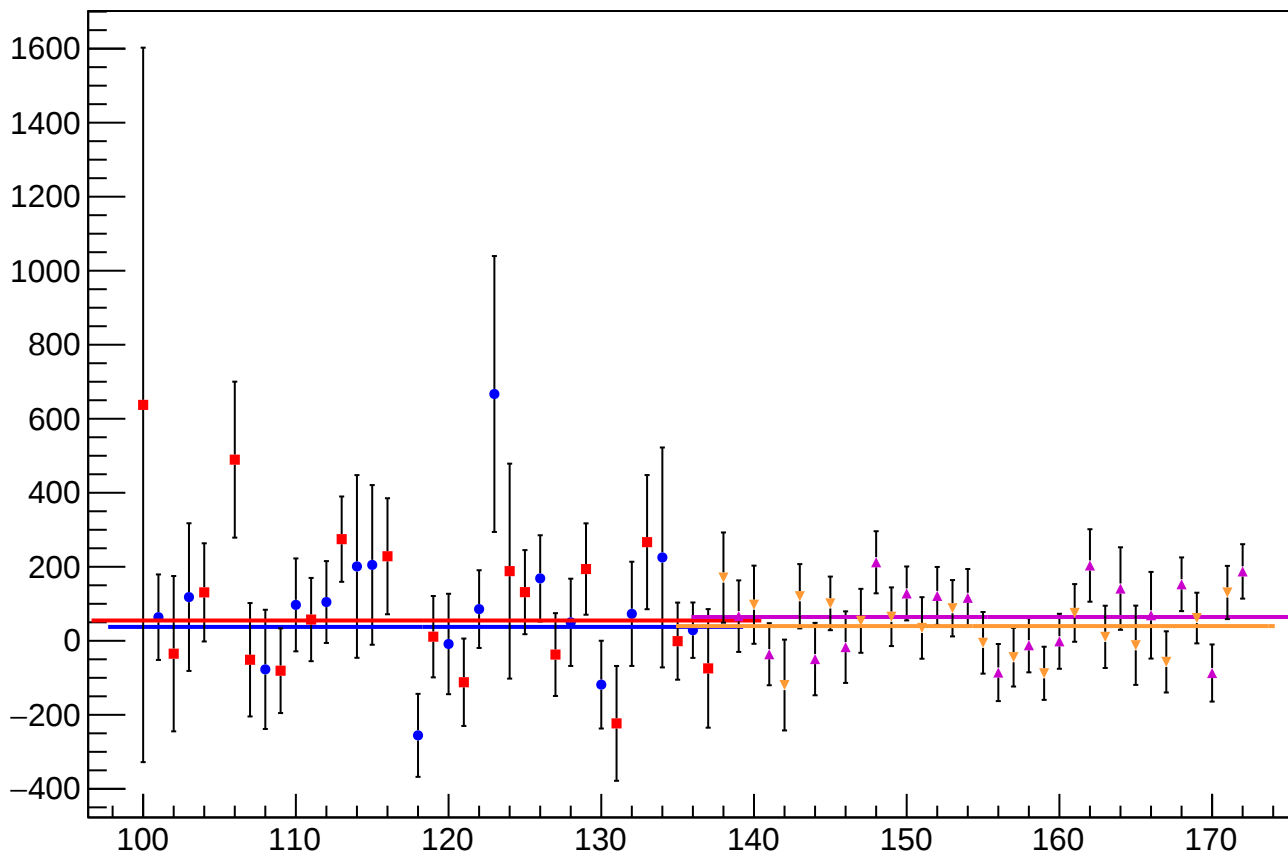
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 203.364 $\pm$ 0.034 χ^2 /NDF:4727357.3/33

Out: 208.553 $\pm$ 0.035 χ^2 /NDF:5118762.1/36

All: 205.929 $\pm$ 0.024 χ^2 /NDF: 9857424.2/70

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.776 $\pm$ 19.608 χ^2 /NDF:13.5/17

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 64.346 $\pm$ 20.180 χ^2 /NDF:24.6/16

Left: 51.708 $\pm$ 14.063 χ^2 /NDF: 38.9/34

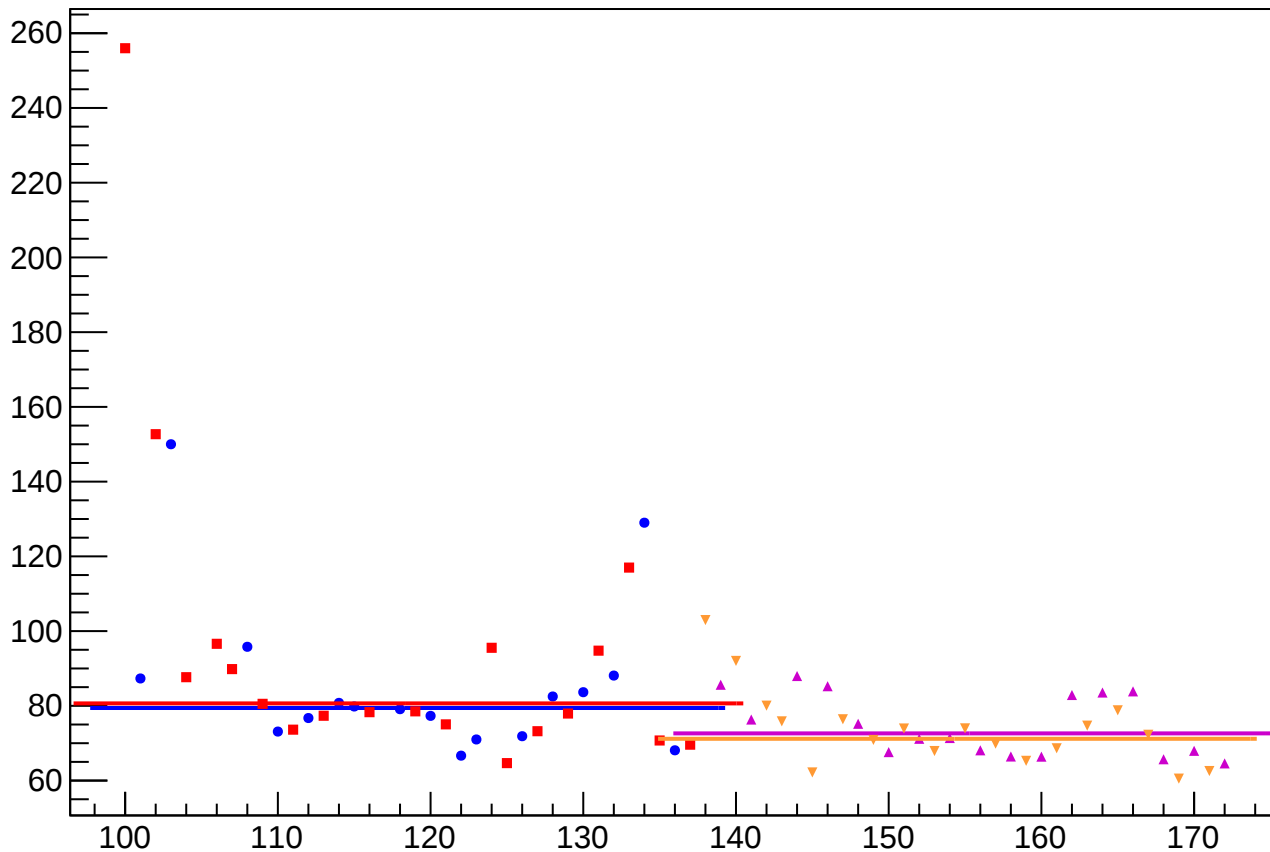
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.530 $\pm$ 16.986 χ^2 /NDF:41.0/33

Out: 44.003 $\pm$ 16.643 χ^2 /NDF:35.8/36

All: 50.139 $\pm$ 11.888 χ^2 /NDF: 77.0/70

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.179 $\pm$ 0.014 χ^2 /NDF: 383873.0/17

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 72.628 $\pm$ 0.014 χ^2 /NDF: 280344.2/16

Left: 71.883 $\pm$ 0.010 χ^2 /NDF: 669523.2/34

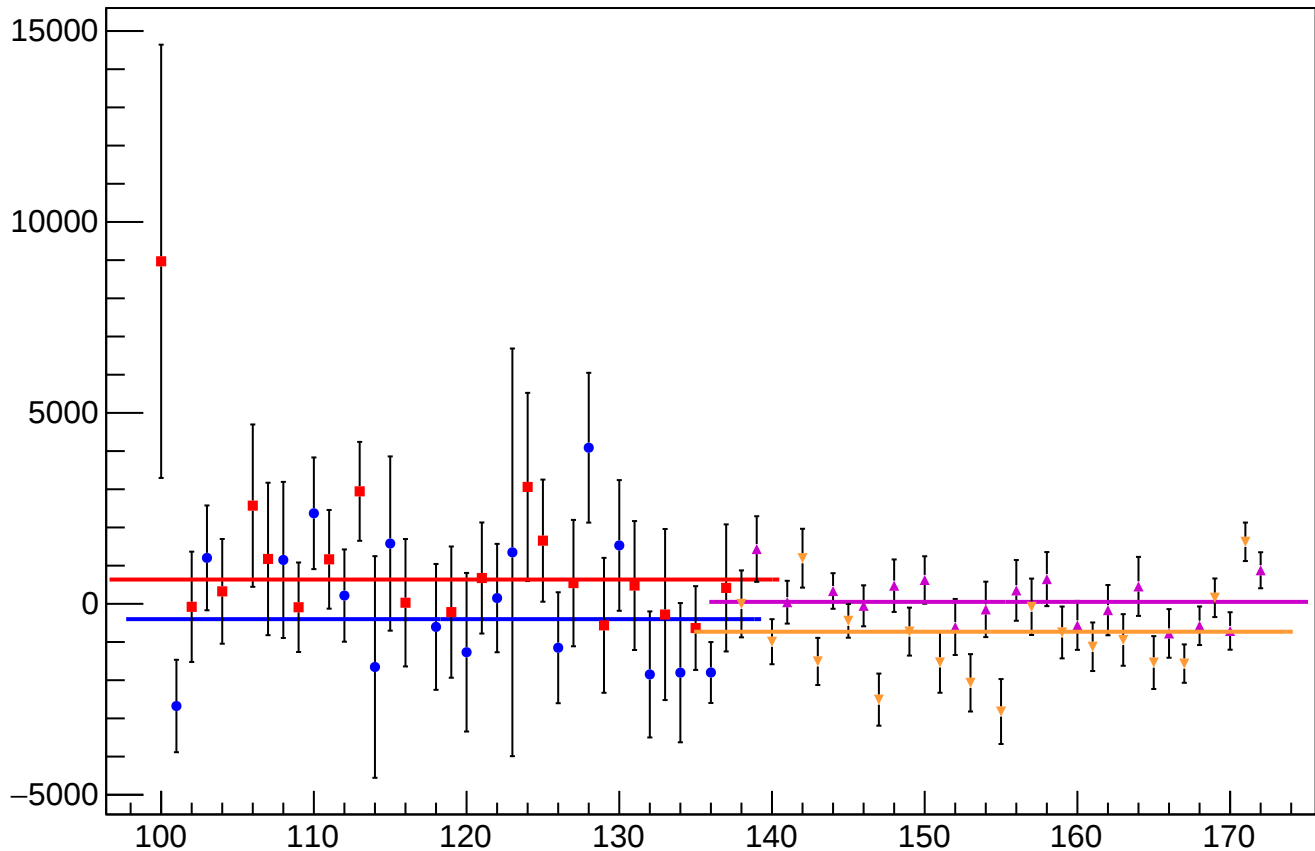
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 74.609 $\pm$ 0.012 χ^2 /NDF: 785455.2/33

Out: 73.828 $\pm$ 0.012 χ^2 /NDF: 1034839.5/36

All: 74.210 $\pm$ 0.008 χ^2 /NDF: 1822450.4/70

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -730.734+/-148.094 χ^2/NDF :56.5/17

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 51.320+/-147.257 χ^2/NDF :16.0/16

Left: -337.490+/-104.421 χ^2/NDF : 86.5/34

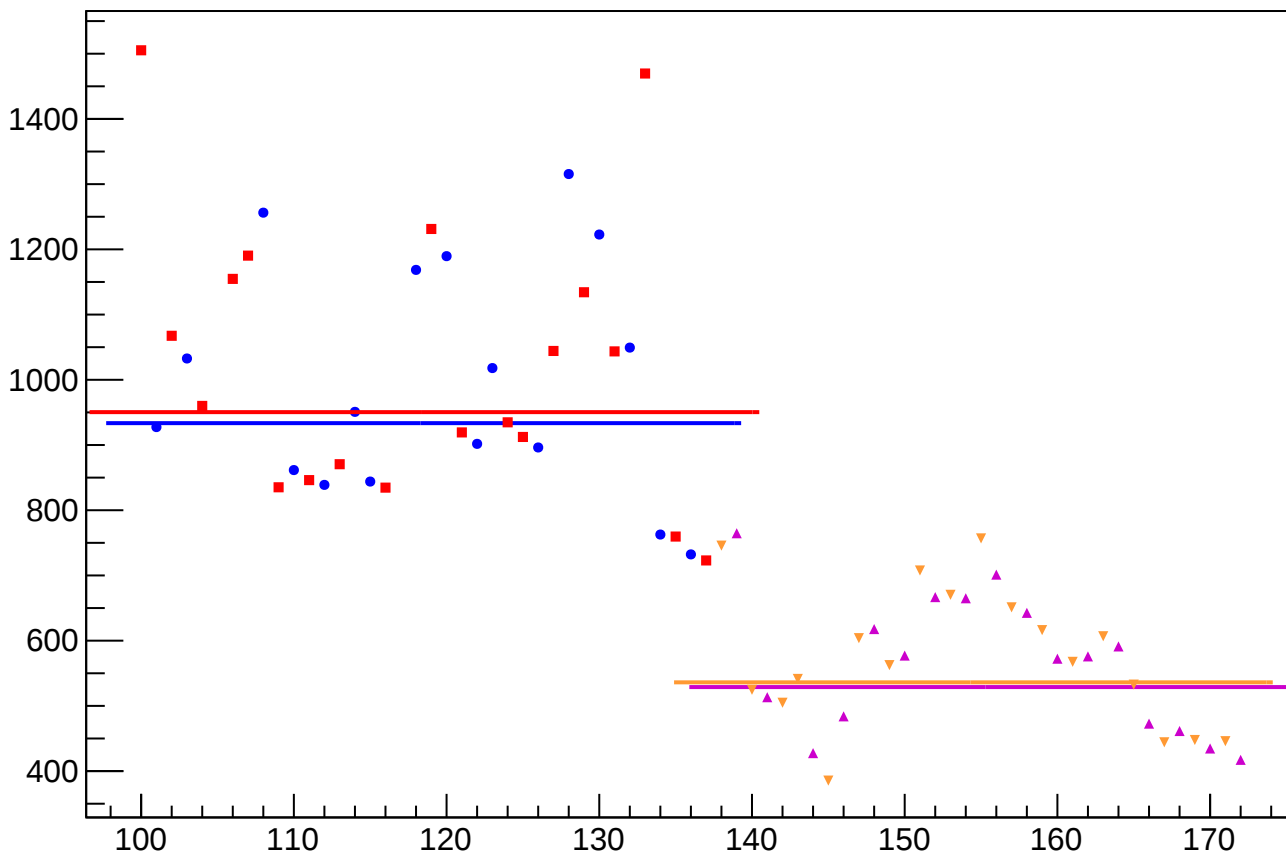
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -10.977+/-136.742 χ^2/NDF :39.2/33

Out: -535.622+/-137.117 χ^2/NDF :79.5/36

All: -272.580+/-96.824 χ^2/NDF : 126.0/70

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 536.106 ± 0.105 $\chi^2/\text{NDF}: 961753.7/17$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 528.847 ± 0.104 $\chi^2/\text{NDF}: 862327.1/16$

Left: 532.456 ± 0.074 $\chi^2/\text{NDF}: 1826496.6/34$

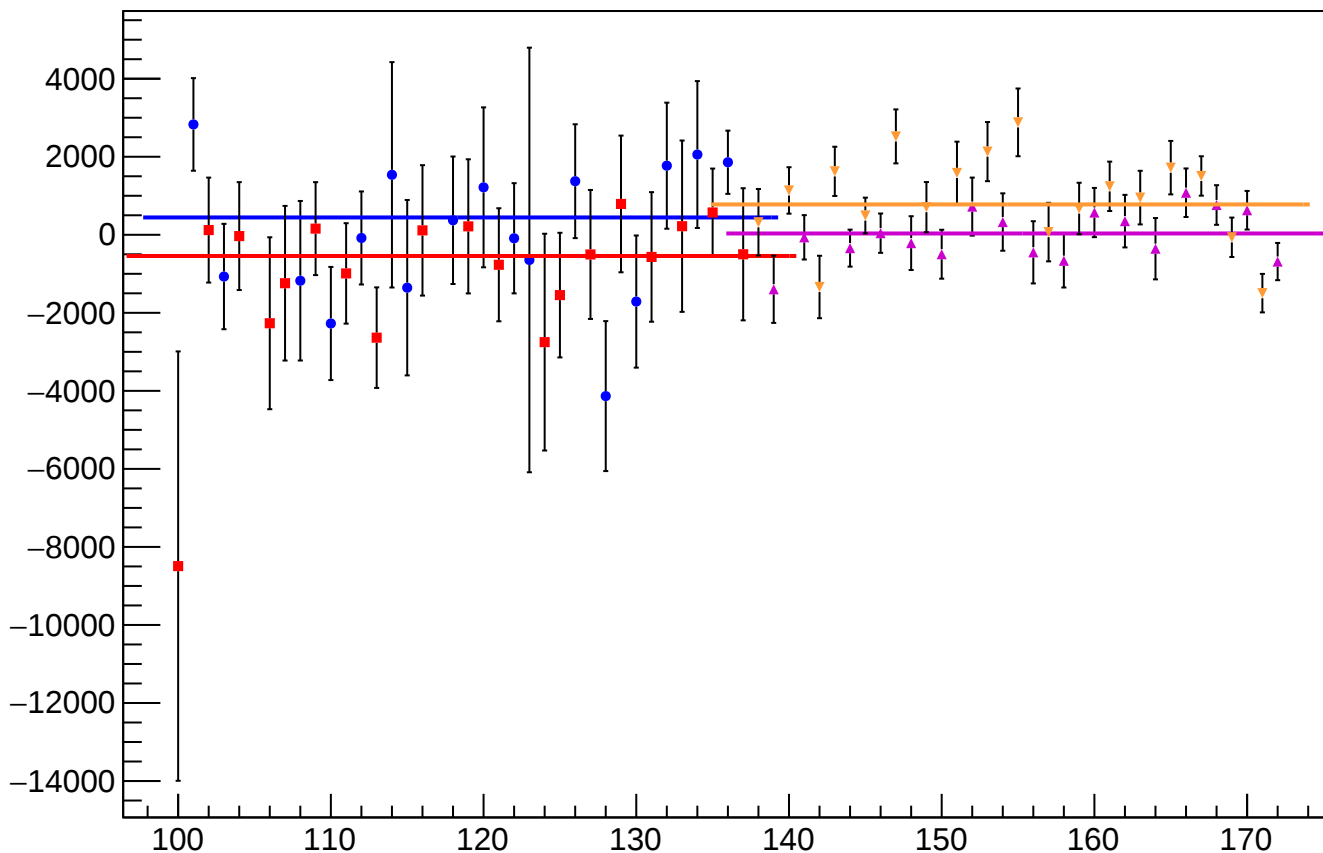
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 584.577 ± 0.097 $\chi^2/\text{NDF}: 3384748.9/33$

Out: 595.245 ± 0.097 $\chi^2/\text{NDF}: 3620476.8/36$

All: 589.897 ± 0.068 $\chi^2/\text{NDF}: 7011295.1/70$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 778.131+/-149.191 χ^2/NDF :55.8/17

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 33.988+/-147.280 χ^2/NDF :16.5/16

Left: 401.262+/-104.812 χ^2/NDF : 84.9/34

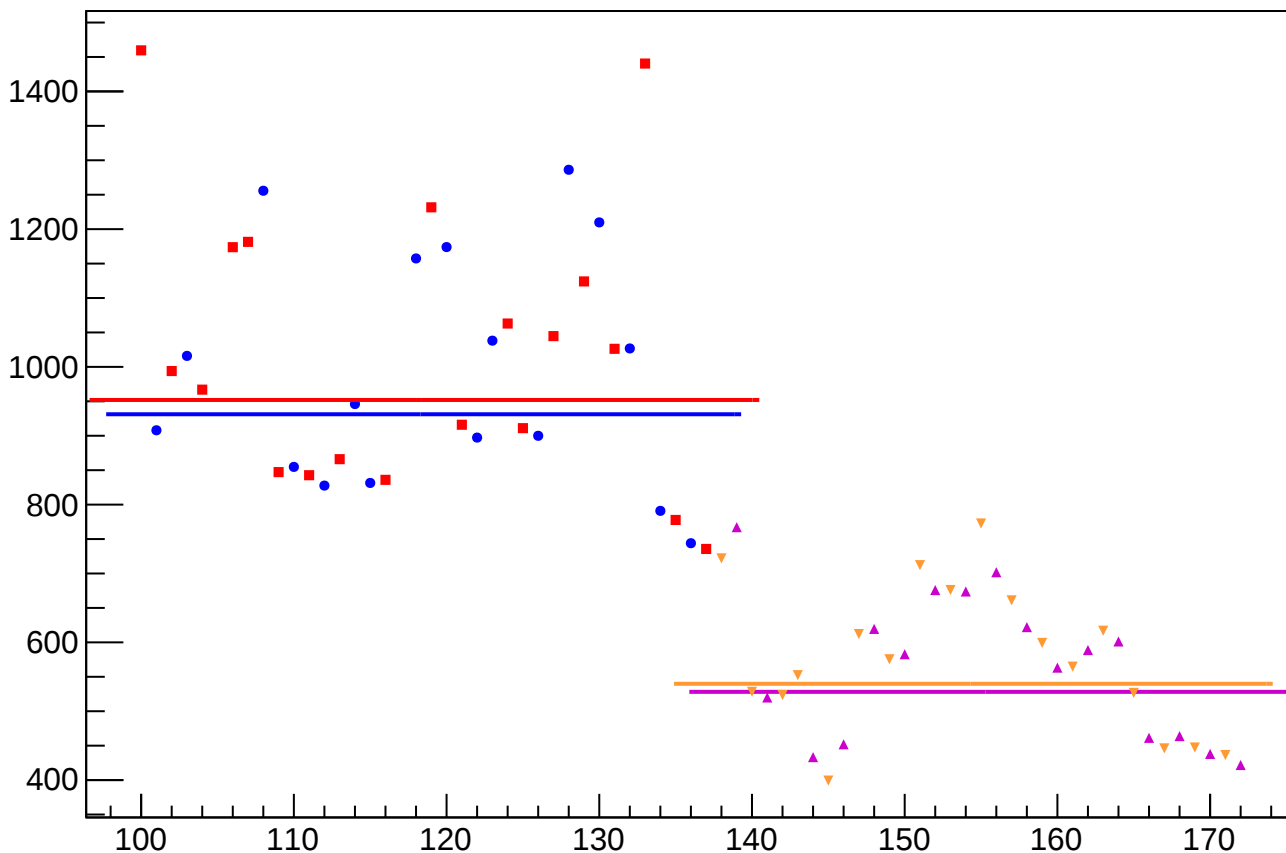
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 90.927+/-136.689 χ^2/NDF :40.5/33

Out: 587.499+/-138.009 χ^2/NDF :76.5/36

All: 336.828+/-97.117 χ^2/NDF : 123.5/70

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 539.862+/-0.105 χ^2/NDF : 931573.2/17

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 528.148+/-0.104 χ^2/NDF : 880590.2/16

Left: 533.929+/-0.074 χ^2/NDF : 1818408.7/34

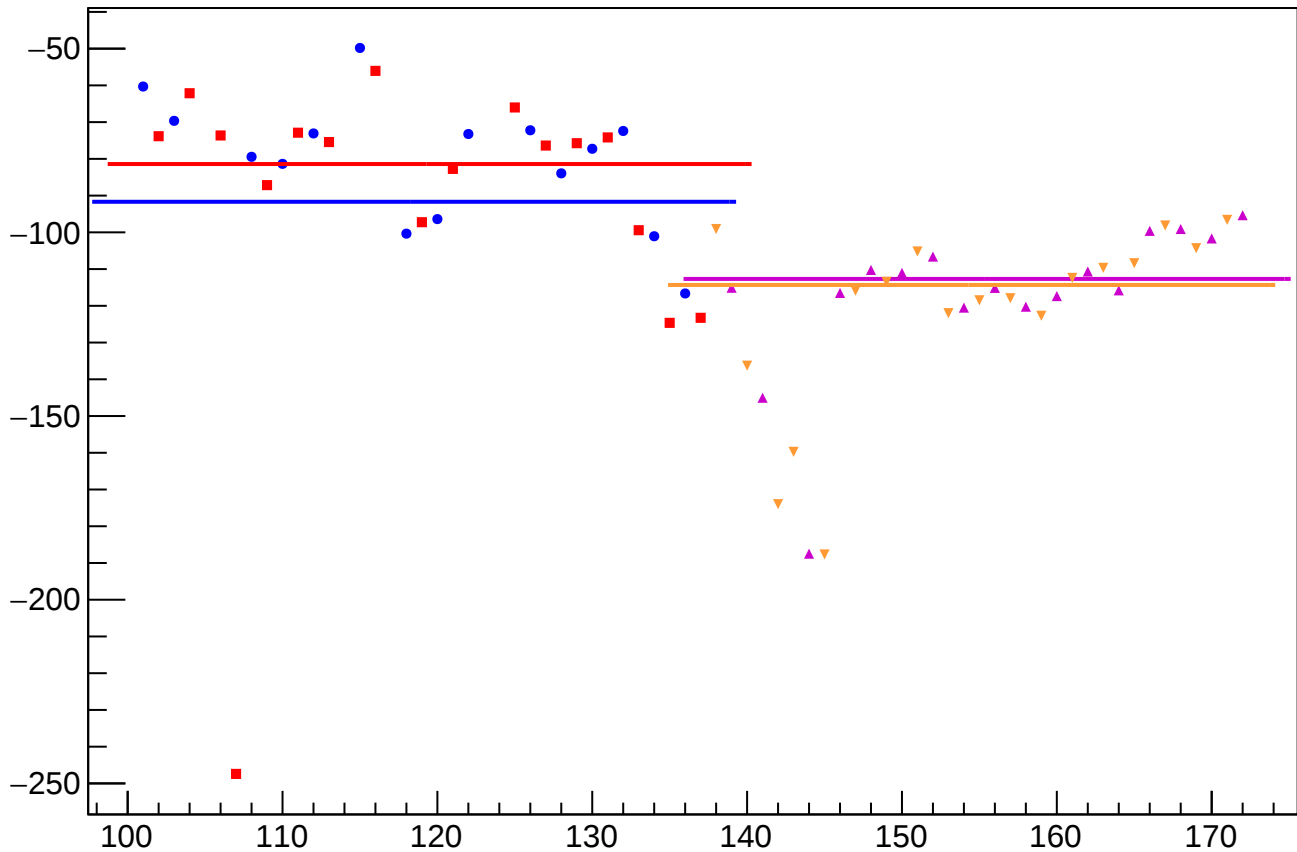
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 584.029+/-0.097 χ^2/NDF : 3357539.5/33

Out: 599.325+/-0.098 χ^2/NDF : 3516084.0/36

All: 591.604+/-0.069 χ^2/NDF : 6886025.7/70

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -114.320 ± 0.064 $\chi^2/\text{NDF}: 42224.7/17$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -112.678 ± 0.057 $\chi^2/\text{NDF}: 78254.6/16$

Left: -113.406 ± 0.042 $\chi^2/\text{NDF}: 120848.6/34$

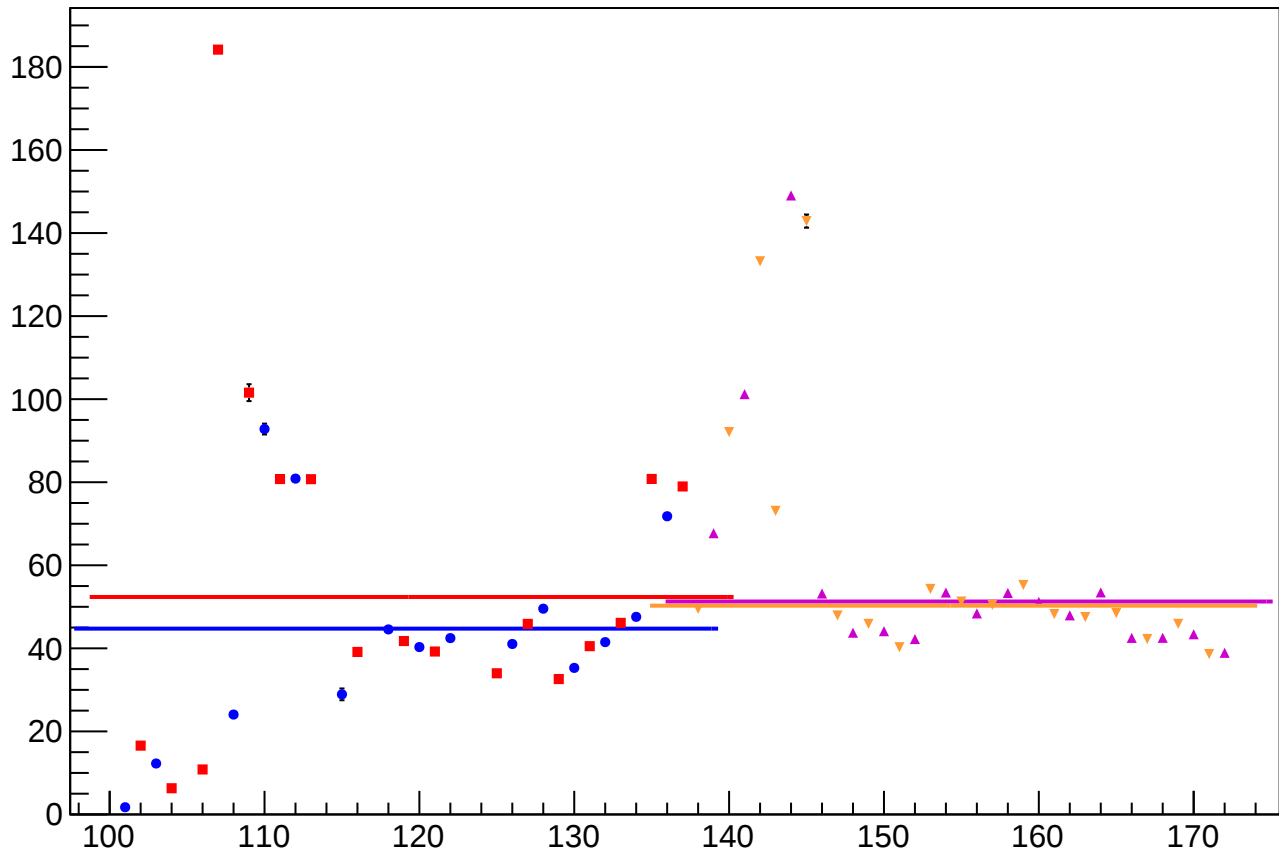
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -104.349 ± 0.044 $\chi^2/\text{NDF}: 196967.8/31$

Out: -104.596 ± 0.054 $\chi^2/\text{NDF}: 162656.6/34$

All: -104.449 ± 0.034 $\chi^2/\text{NDF}: 359637.1/66$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 50.274 $\pm$ 0.053 χ^2/NDF :50720.2/17

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 51.274 $\pm$ 0.049 χ^2/NDF :129140.2/16

Left: 50.810 $\pm$ 0.036 χ^2/NDF : 180053.0/34

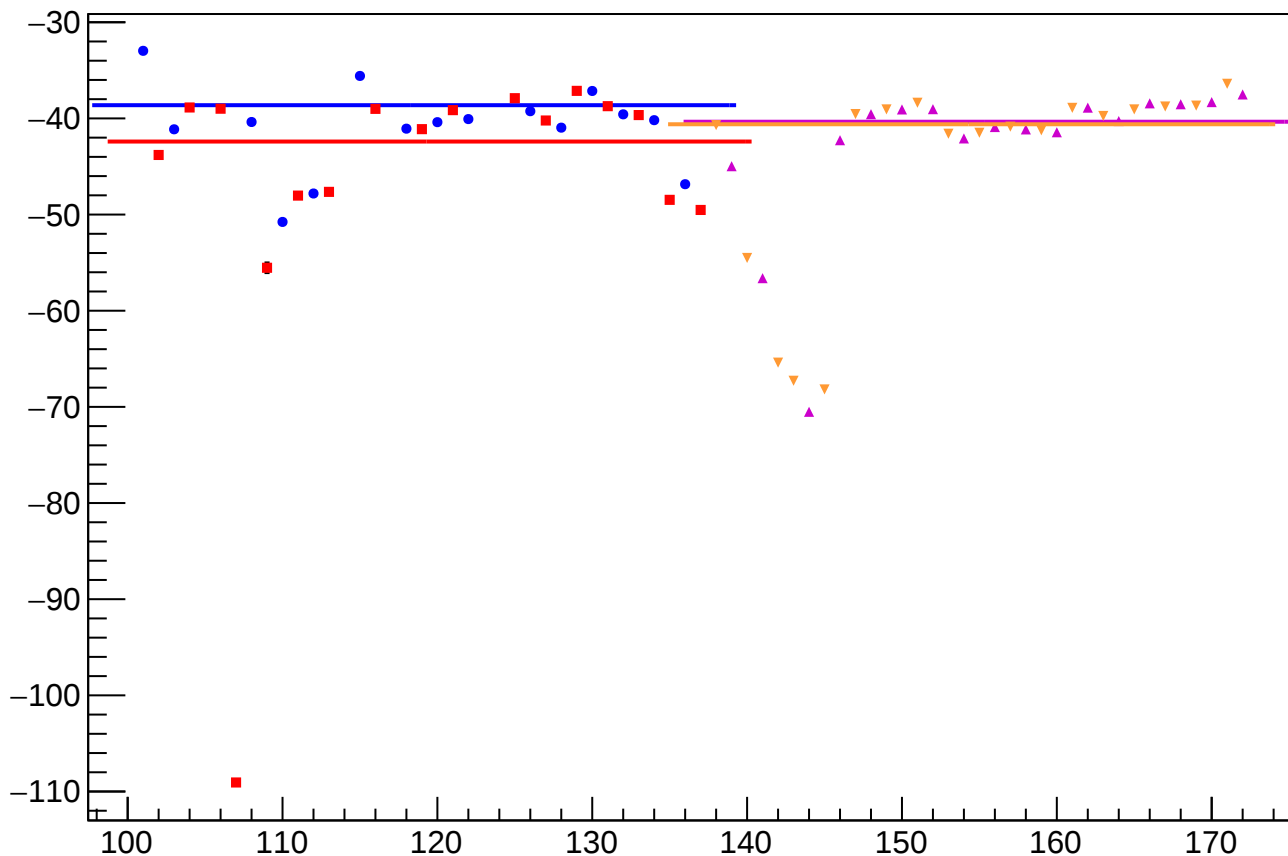
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 48.688 $\pm$ 0.038 χ^2/NDF :220854.9/31

Out: 50.651 $\pm$ 0.048 χ^2/NDF :120288.7/34

All: 49.451 $\pm$ 0.030 χ^2/NDF : 342175.2/66

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.608 ± 0.008 $\chi^2/\text{NDF}: 215264.2/17$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.345 ± 0.008 $\chi^2/\text{NDF}: 172783.7/16$

Left: -40.482 ± 0.006 $\chi^2/\text{NDF}: 388573.4/34$

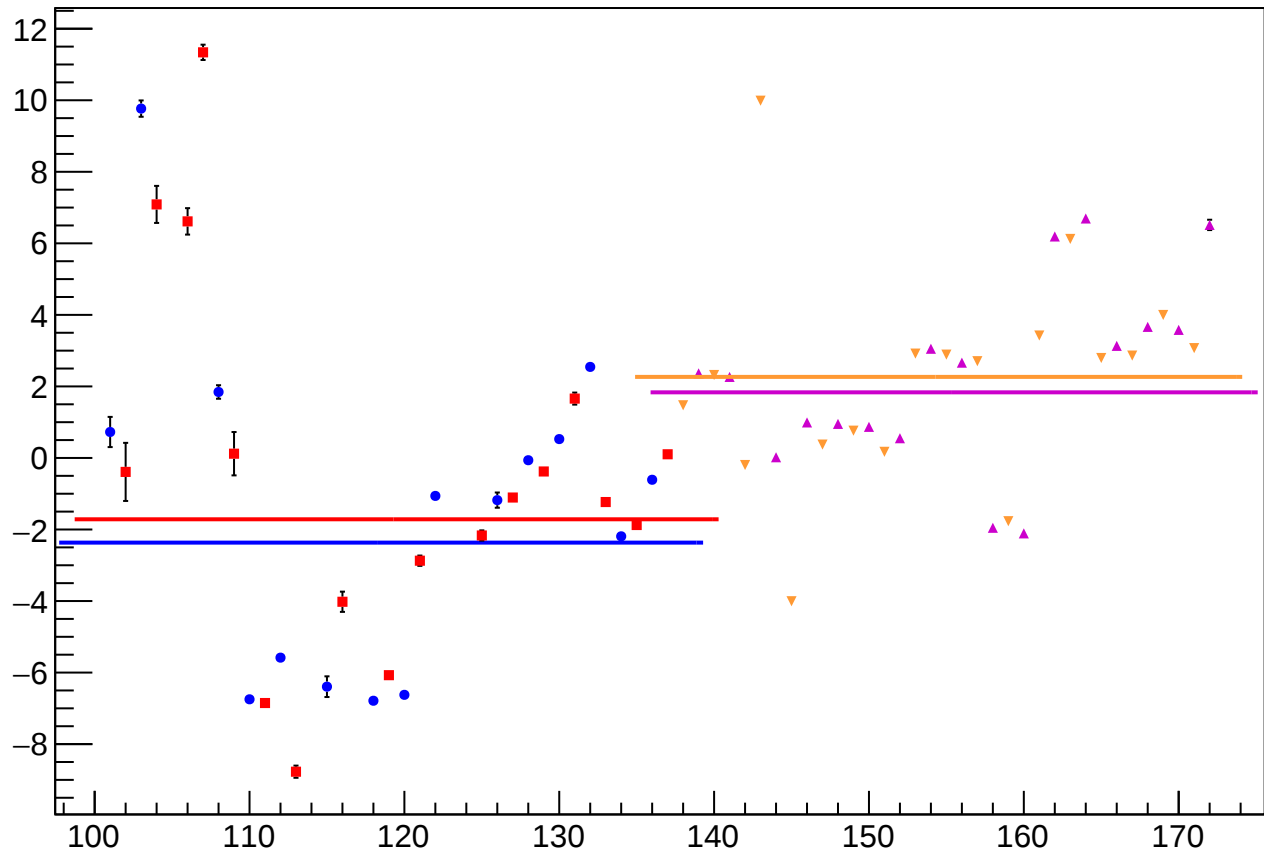
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.483 ± 0.006 $\chi^2/\text{NDF}: 434470.7/31$

Out: -40.829 ± 0.007 $\chi^2/\text{NDF}: 490661.4/34$

All: -39.997 ± 0.005 $\chi^2/\text{NDF}: 945301.9/66$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.266 ± 0.008 $\chi^2/\text{NDF}: 76778.3/17$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.834 ± 0.008 $\chi^2/\text{NDF}: 85140.6/16$

Left: 2.042 ± 0.006 $\chi^2/\text{NDF}: 163350.8/34$

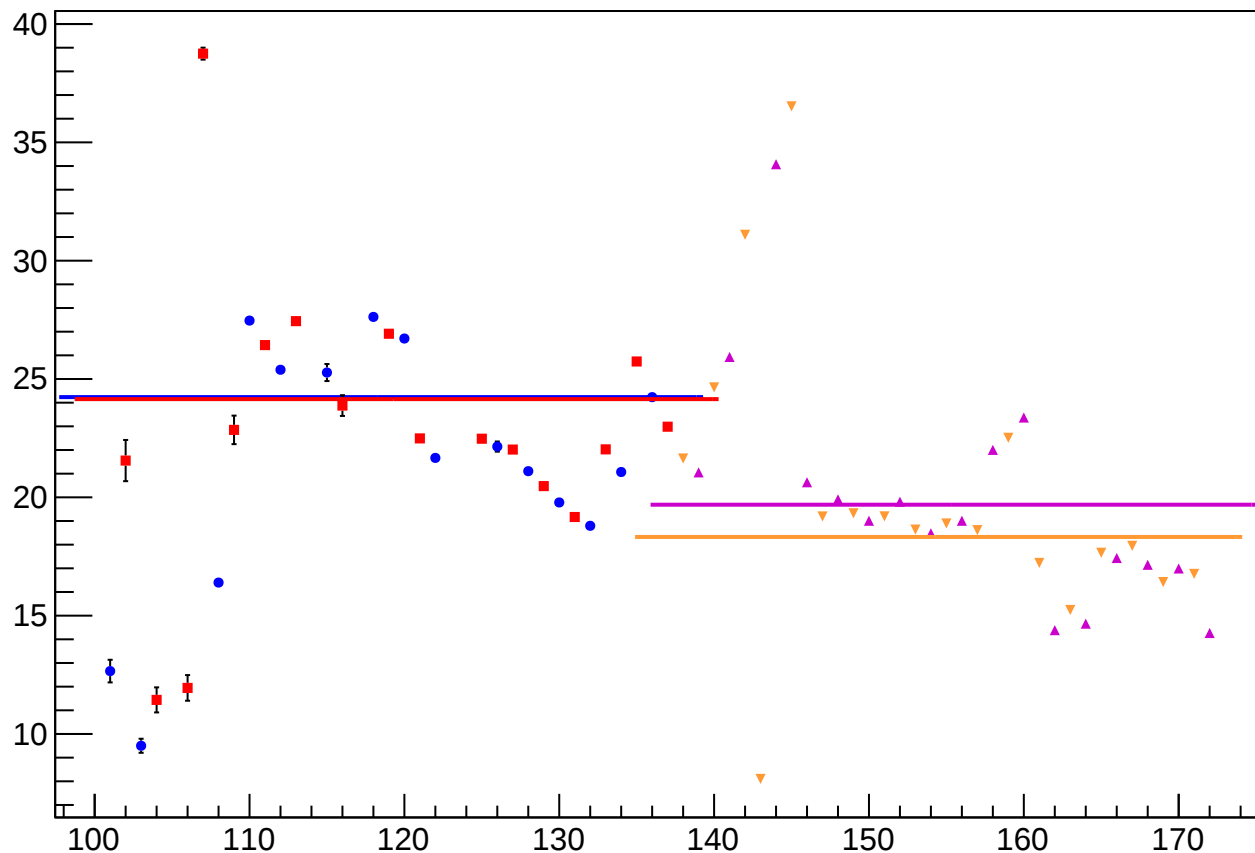
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.826 ± 0.007 $\chi^2/\text{NDF}: 181649.4/31$

Out: 1.928 ± 0.008 $\chi^2/\text{NDF}: 109404.3/34$

All: 1.304 ± 0.005 $\chi^2/\text{NDF}: 302151.7/66$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 18.326+/-0.008 χ^2/NDF : 78569.8/17

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.688+/-0.008 χ^2/NDF : 101403.5/16

Left: 19.036+/-0.006 χ^2/NDF : 193472.0/34

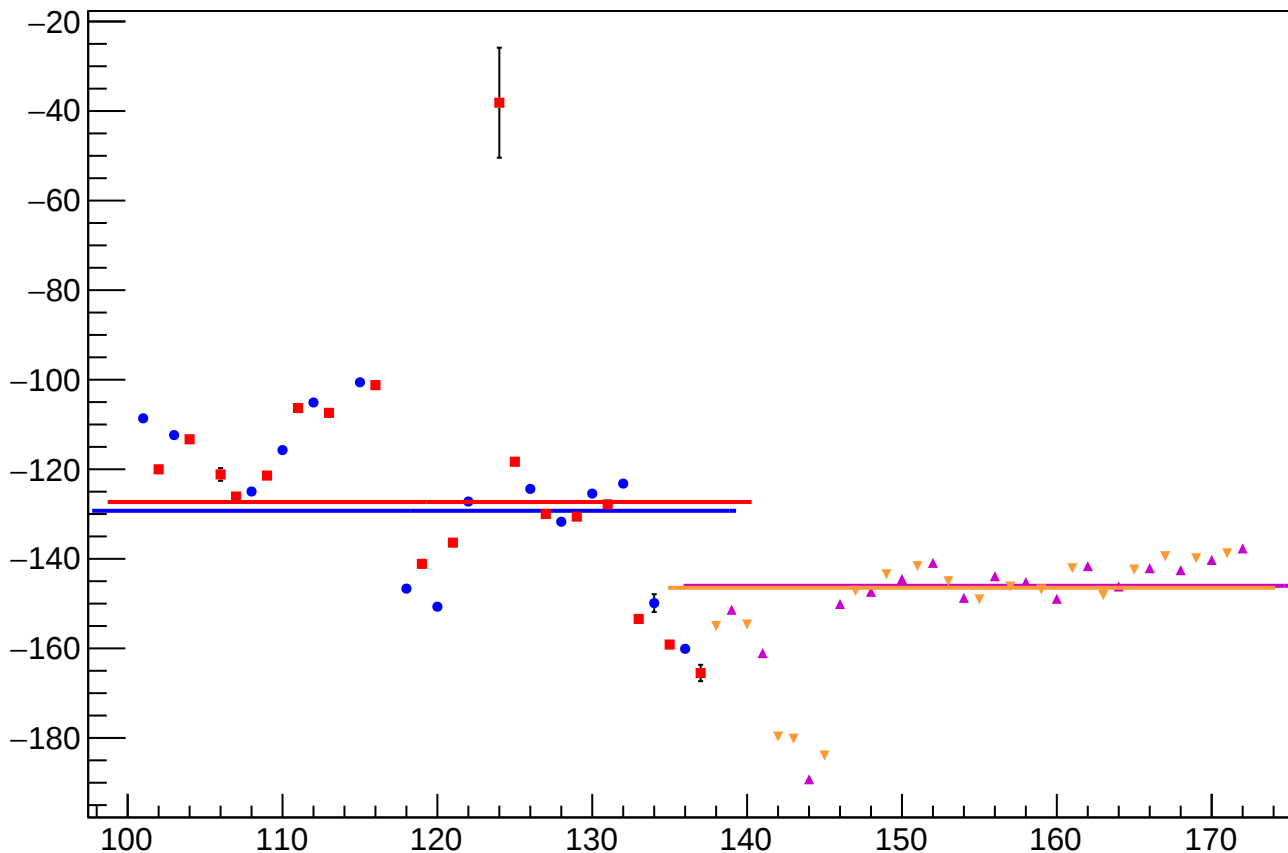
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 20.232+/-0.008 χ^2/NDF : 160829.4/31

Out: 18.953+/-0.008 χ^2/NDF : 142758.8/34

All: 19.623+/-0.006 χ^2/NDF : 317010.6/66

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -146.457 ± 0.052 χ^2/NDF : 36253.0/17

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -146.019 ± 0.051 χ^2/NDF : 26831.9/16

Left: -146.236 ± 0.036 χ^2/NDF : 63121.1/34

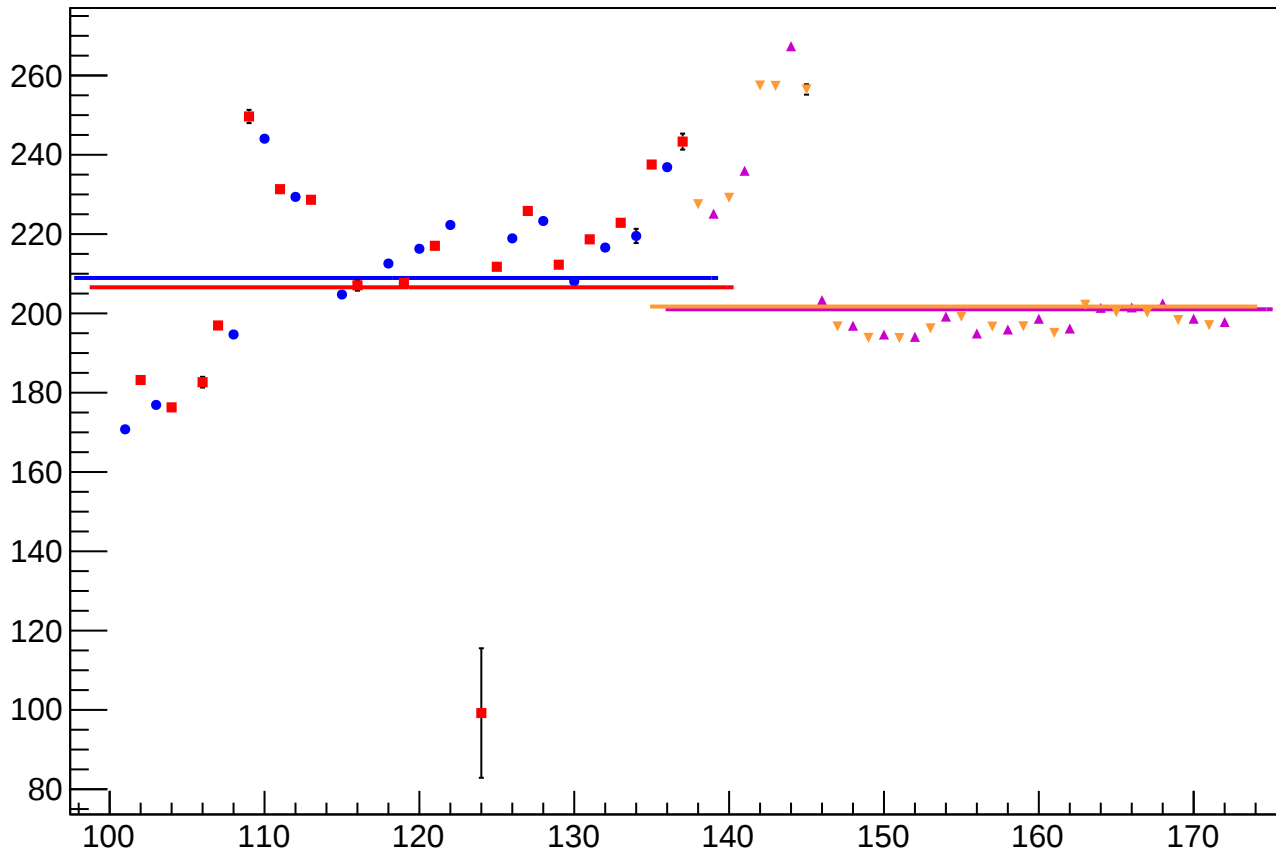
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.773 ± 0.044 χ^2/NDF : 89114.8/31

Out: -141.222 ± 0.044 χ^2/NDF : 103352.3/35

All: -141.497 ± 0.031 χ^2/NDF : 192544.9/67

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 201.728 $\pm$ 0.044 χ^2 /NDF:104870.7/17

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 201.036 $\pm$ 0.044 χ^2 /NDF:76771.5/16

Left: 201.384 $\pm$ 0.031 χ^2 /NDF: 181765.2/34

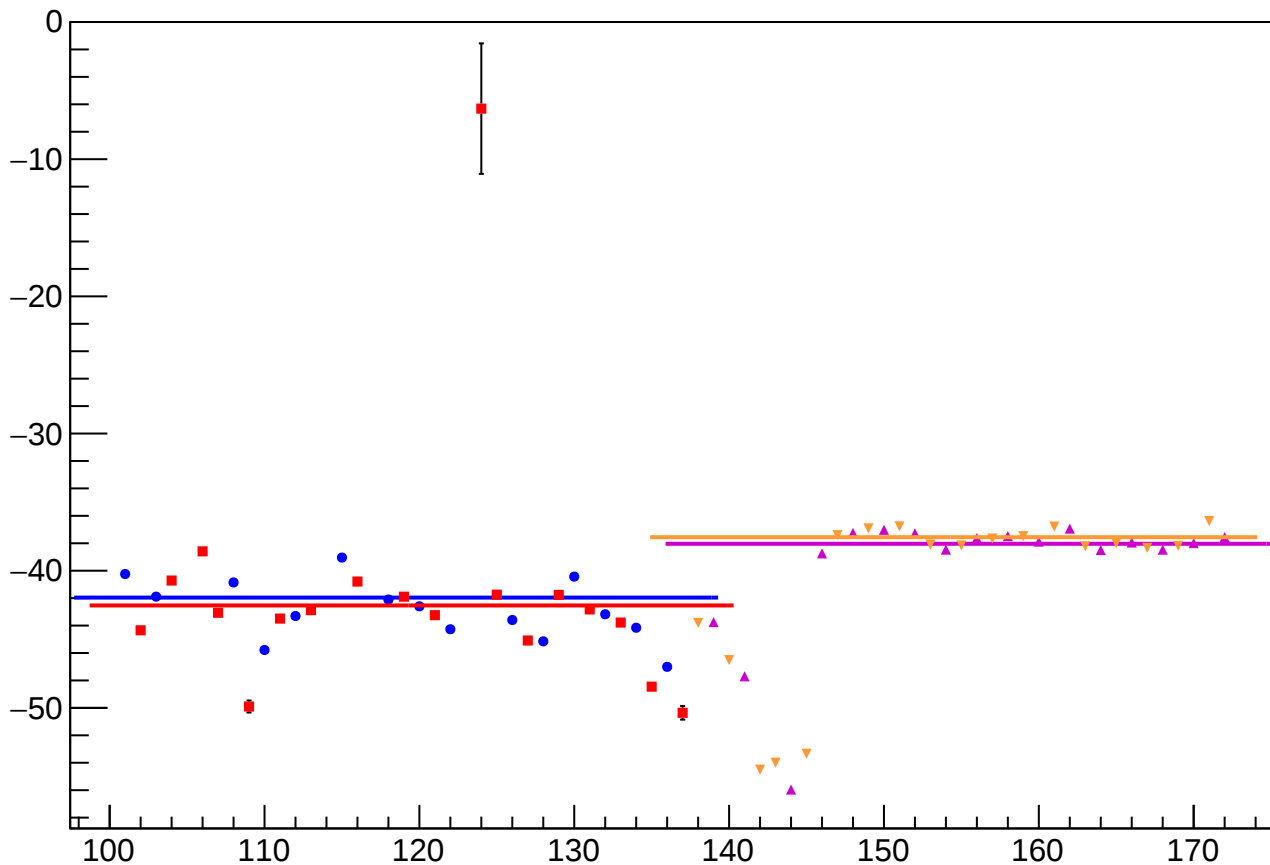
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.596 $\pm$ 0.040 χ^2 /NDF:127746.2/31

Out: 202.789 $\pm$ 0.039 χ^2 /NDF:155740.5/35

All: 202.694 $\pm$ 0.028 χ^2 /NDF: 283498.8/67

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.557 ± 0.004 $\chi^2/\text{NDF}: 225622.3/17$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.037 ± 0.005 $\chi^2/\text{NDF}: 133757.3/16$

Left: -37.774 ± 0.003 $\chi^2/\text{NDF}: 364910.2/34$

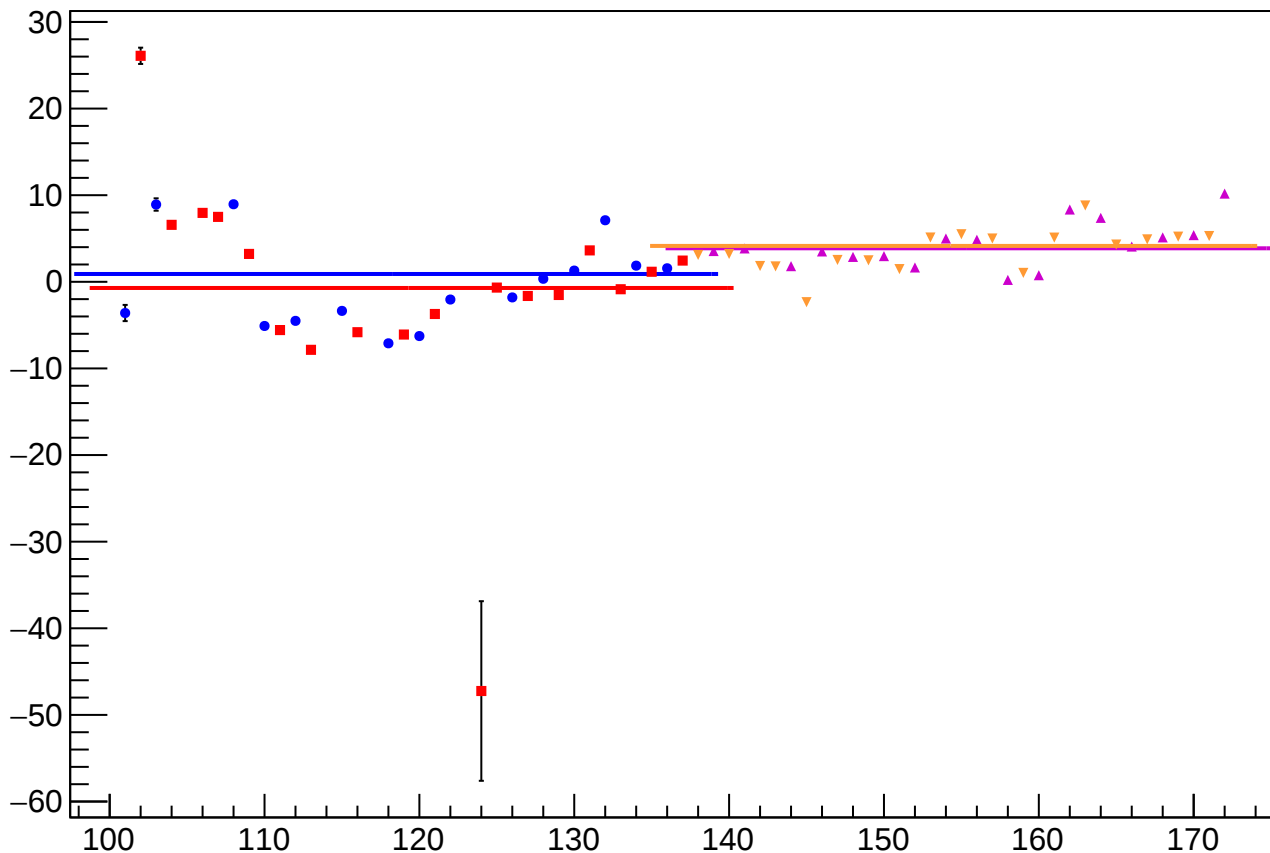
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.374 ± 0.005 $\chi^2/\text{NDF}: 215734.4/31$

Out: -37.767 ± 0.004 $\chi^2/\text{NDF}: 287327.1/35$

All: -38.047 ± 0.003 $\chi^2/\text{NDF}: 512533.9/67$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.143 ± 0.006 χ^2/NDF : 89222.1/17

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.869 ± 0.008 χ^2/NDF : 68242.4/16

Left: 4.032 ± 0.005 χ^2/NDF : 158198.2/34

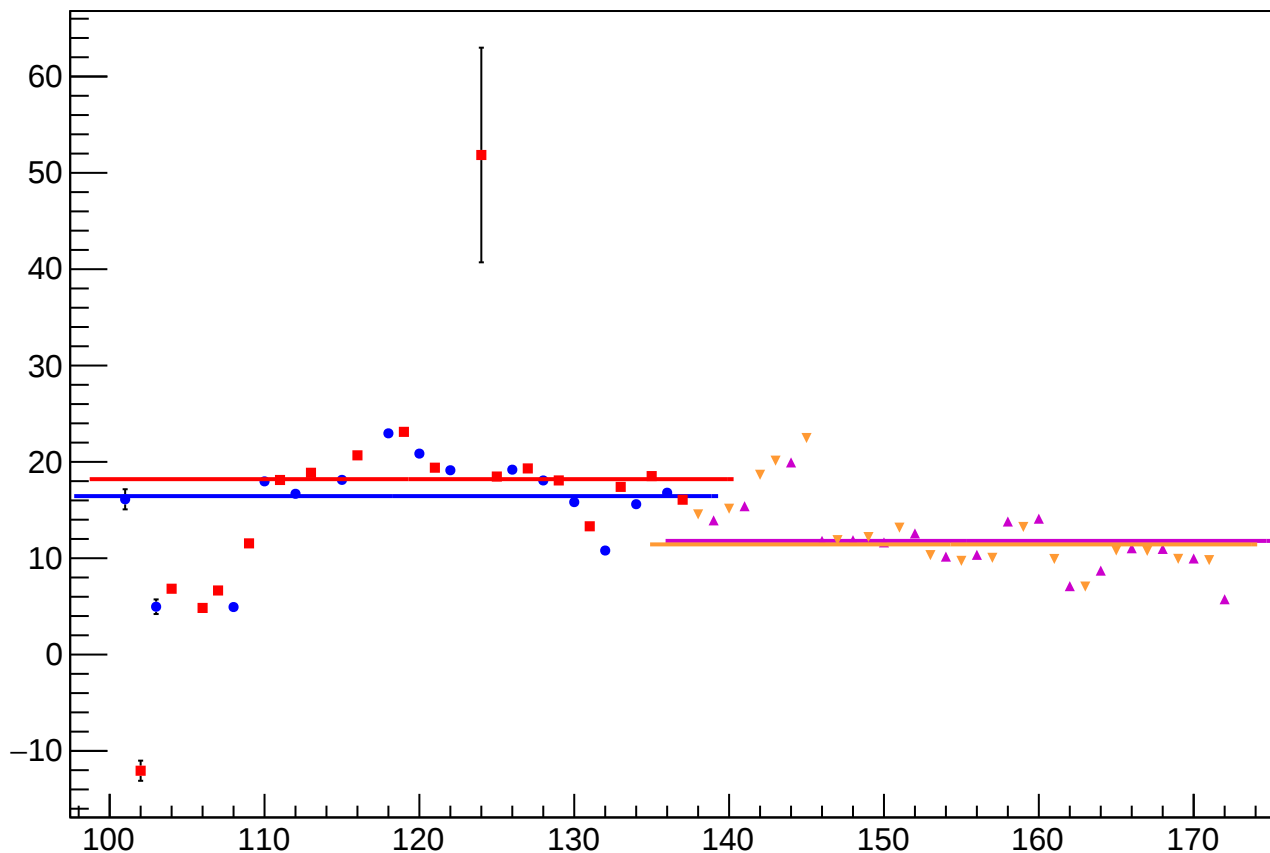
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.477 ± 0.007 χ^2/NDF : 108378.2/31

Out: 3.822 ± 0.006 χ^2/NDF : 157213.7/35

All: 3.676 ± 0.005 χ^2/NDF : 266888.9/67

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.436 $\pm$ 0.008 χ^2 /NDF: 96883.4/17

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.798 $\pm$ 0.010 χ^2 /NDF: 49948.6/16

Left: 11.591 $\pm$ 0.006 χ^2 /NDF: 147625.2/34

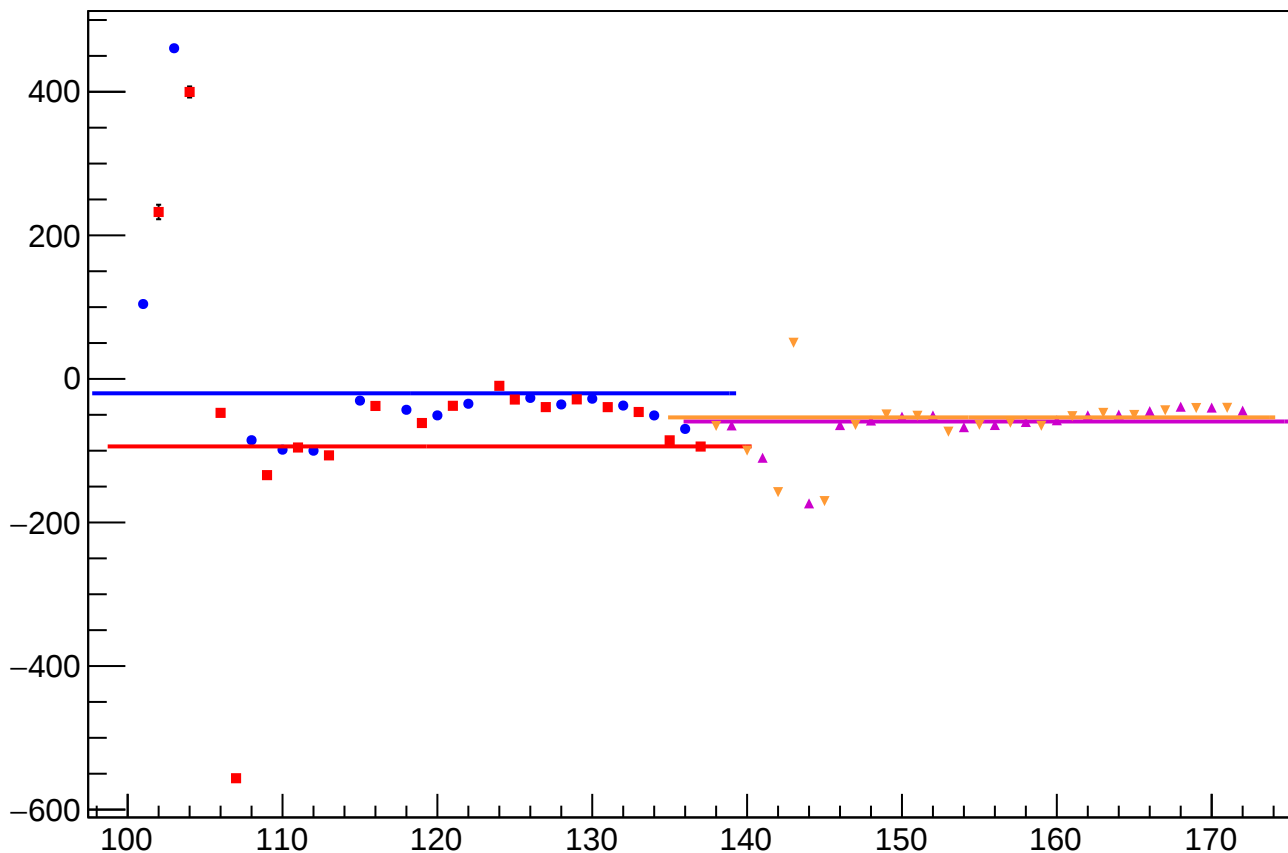
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.435 $\pm$ 0.009 χ^2 /NDF: 95442.3/31

Out: 12.422 $\pm$ 0.008 χ^2 /NDF: 218214.8/35

All: 12.427 $\pm$ 0.006 χ^2 /NDF: 313658.4/67

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -53.602 ± 0.100 $\chi^2/\text{NDF}: 52670.1/17$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -59.316 ± 0.116 $\chi^2/\text{NDF}: 49240.1/16$

Left: -56.023 ± 0.076 $\chi^2/\text{NDF}: 103306.4/34$

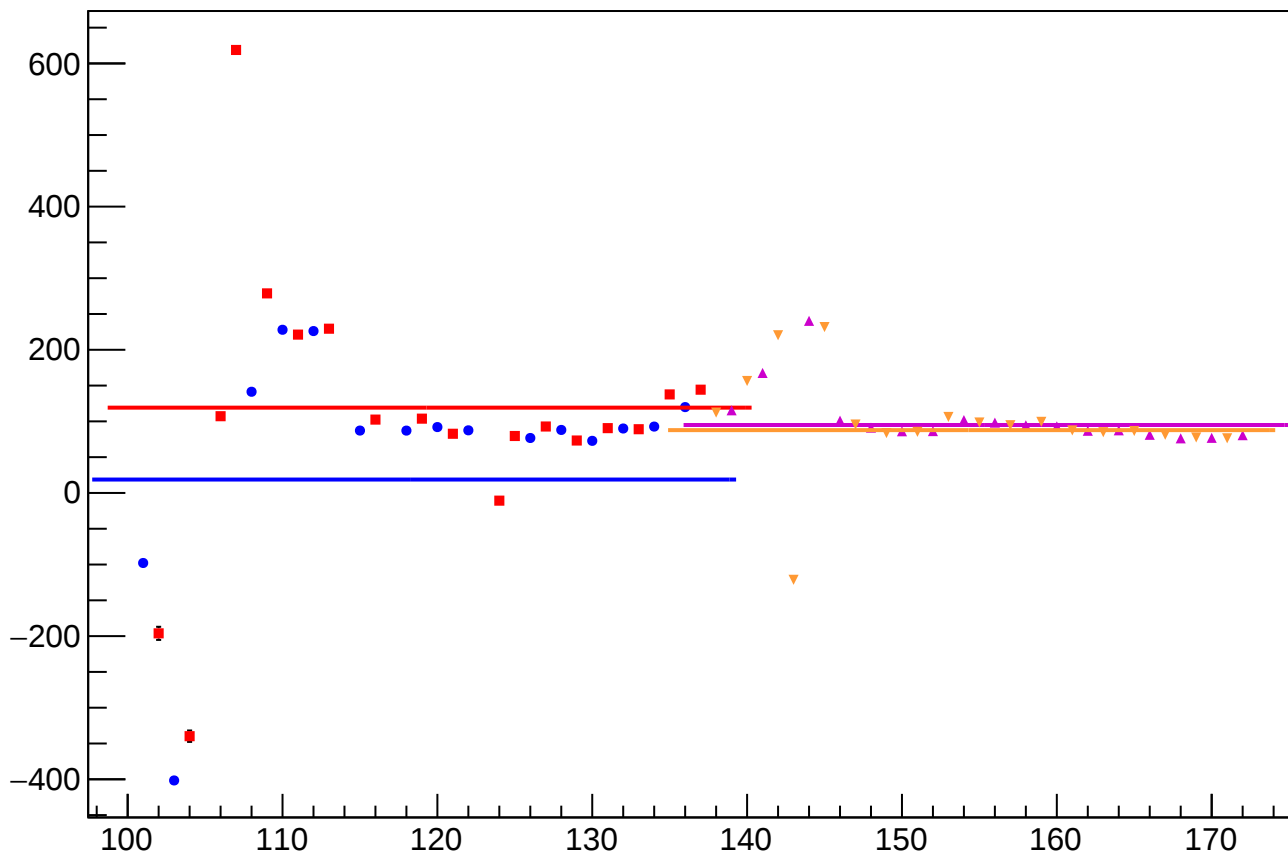
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.994 ± 0.093 $\chi^2/\text{NDF}: 532437.4/31$

Out: -93.429 ± 0.012 $\chi^2/\text{NDF}: 302740.3/35$

All: -92.582 ± 0.012 $\chi^2/\text{NDF}: 1104552.0/67$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.755+/-0.088 χ^2/NDF : 171483.8/17

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 94.932+/-0.101 χ^2/NDF : 71449.2/16

Left: 90.862+/-0.066 χ^2/NDF : 245820.8/34

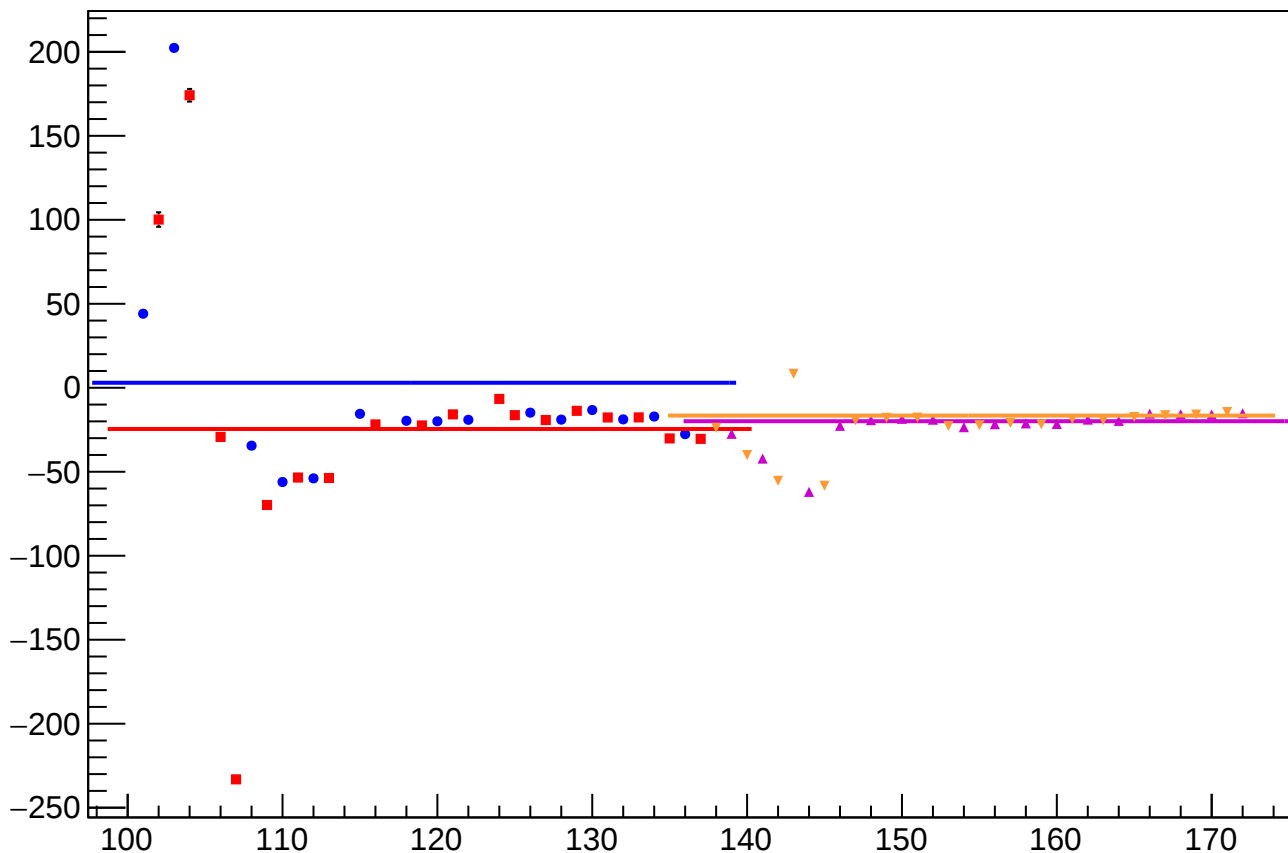
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.745+/-0.084 χ^2/NDF : 1347927.2/31

Out: 92.870+/-0.080 χ^2/NDF : 279740.5/35

All: 82.755+/-0.058 χ^2/NDF : 1660717.3/67

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.548 ± 0.013 χ^2/NDF : 573374.8/17

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -19.904 ± 0.014 χ^2/NDF : 158607.3/16

Left: -18.026 ± 0.010 χ^2/NDF : 762302.2/34

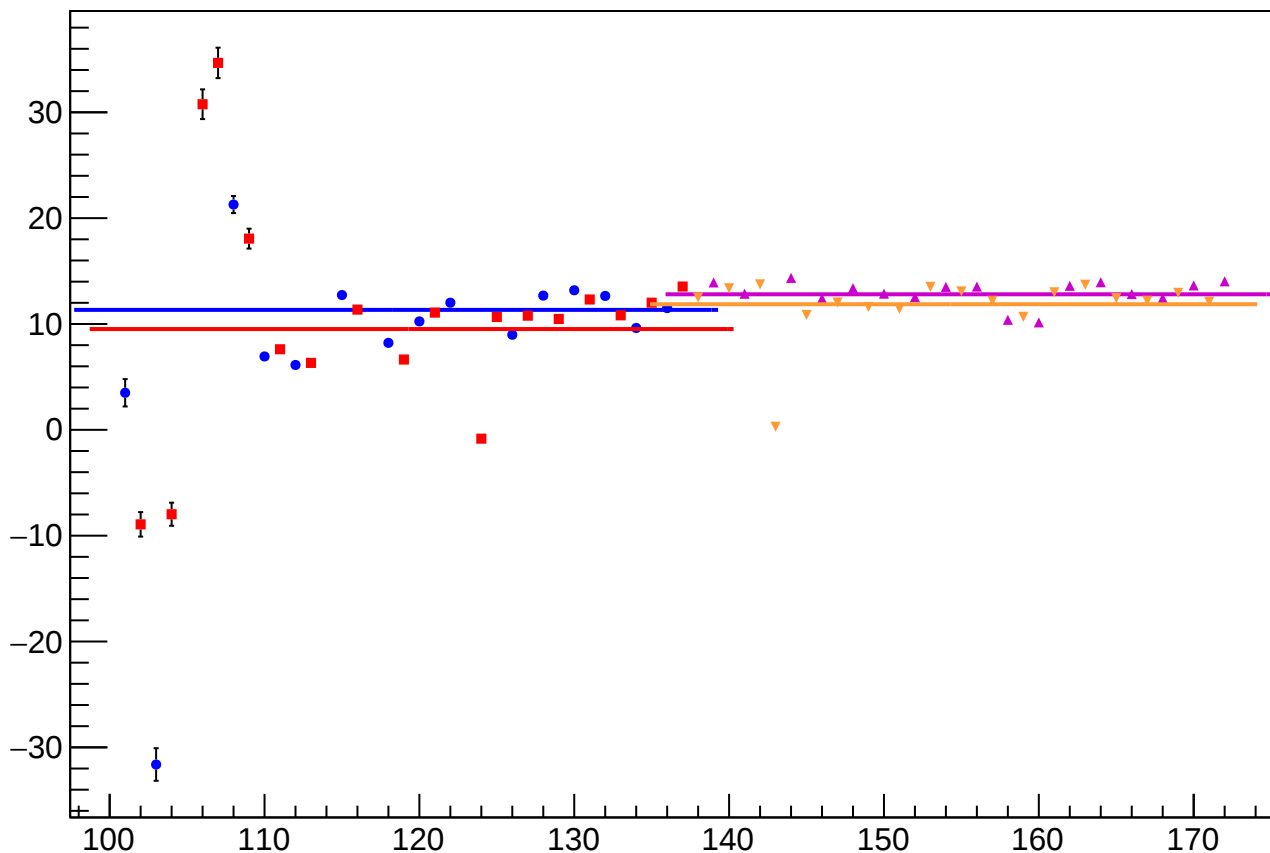
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.792 ± 0.013 χ^2/NDF : 4218582.2/31

Out: -17.180 ± 0.012 χ^2/NDF : 780708.8/35

All: -16.027 ± 0.009 χ^2/NDF : 5017571.4/67

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.866 $\pm$ 0.016 χ^2 /NDF:30682.8/17

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.806 $\pm$ 0.014 χ^2 /NDF:5560.5/16

Left: 12.396 $\pm$ 0.010 χ^2 /NDF: 38254.5/34

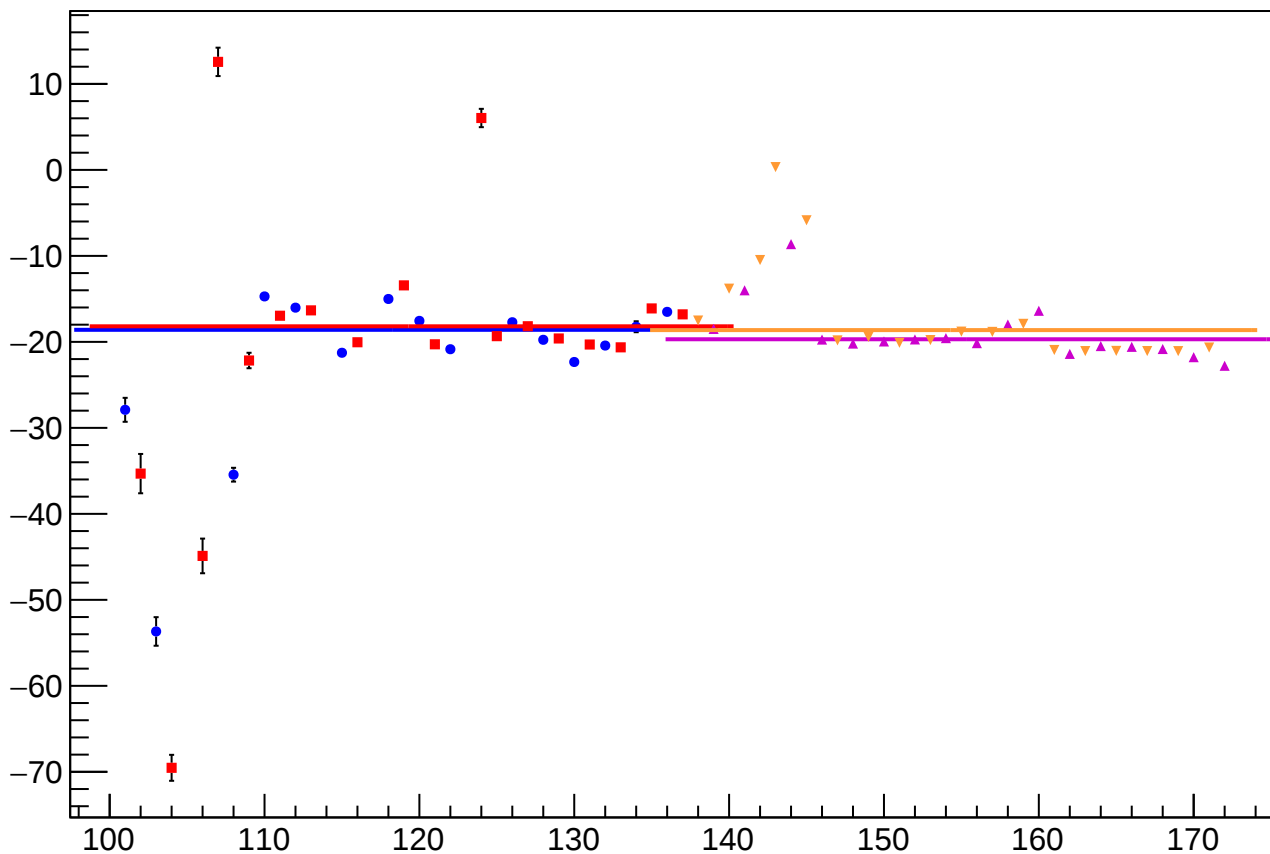
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.629 $\pm$ 0.013 χ^2 /NDF:9331.3/31

Out: 11.639 $\pm$ 0.015 χ^2 /NDF:36898.3/35

All: 12.203 $\pm$ 0.010 χ^2 /NDF: 48726.9/67

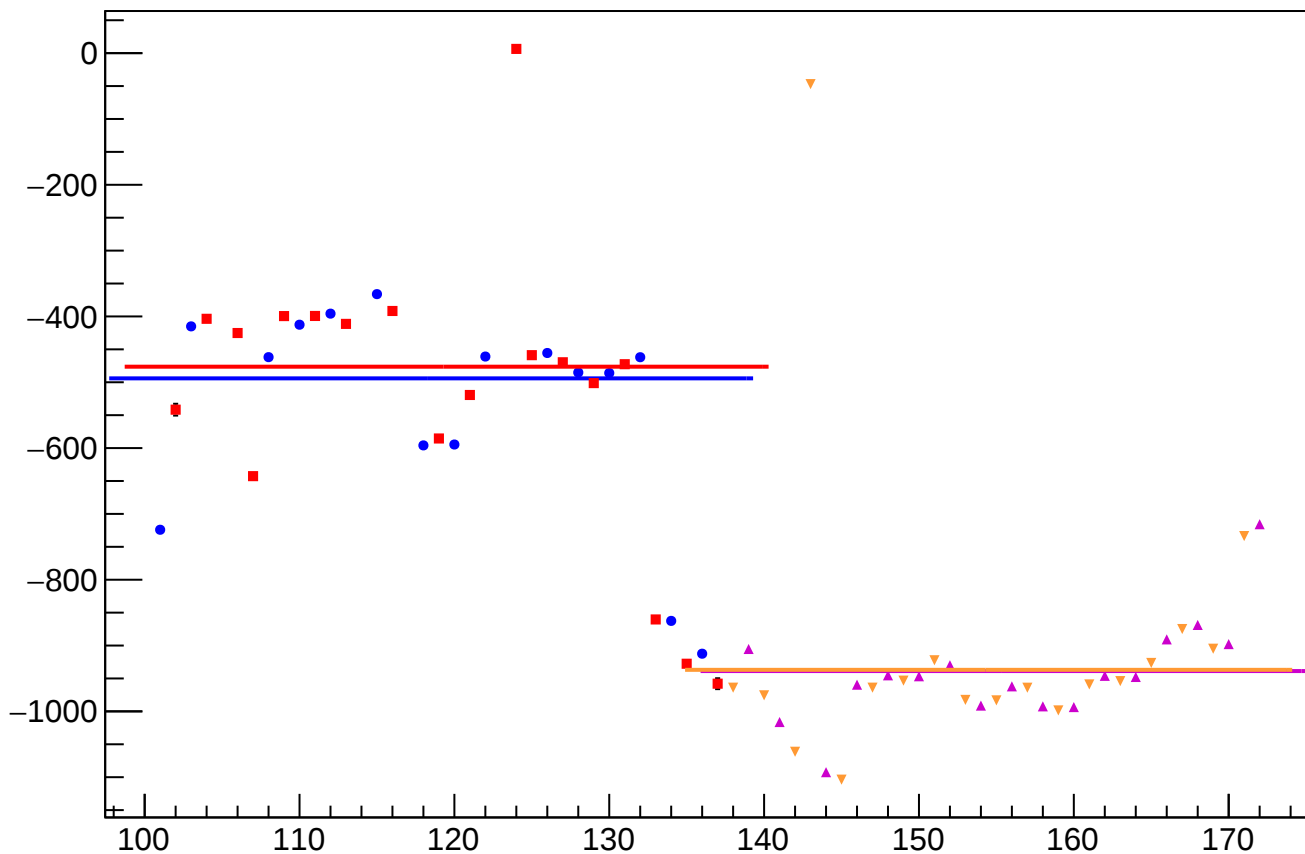
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -18.630 ± 0.018 $\chi^2/\text{NDF}: 53206.7/17$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.696 ± 0.017 $\chi^2/\text{NDF}: 12684.3/16$

Left: -19.192 ± 0.013 $\chi^2/\text{NDF}: 67703.4/34$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -19.502 ± 0.016 $\chi^2/\text{NDF}: 19593.8/31$
 Out: -18.577 ± 0.017 $\chi^2/\text{NDF}: 58157.8/35$
 All: -19.080 ± 0.012 $\chi^2/\text{NDF}: 79347.6/67$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -936.900 ± 0.178 $\chi^2/\text{NDF}: 360397.1/17$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -938.761 ± 0.171 $\chi^2/\text{NDF}: 205035.1/16$

Left: -937.867 ± 0.124 $\chi^2/\text{NDF}: 565488.8/34$

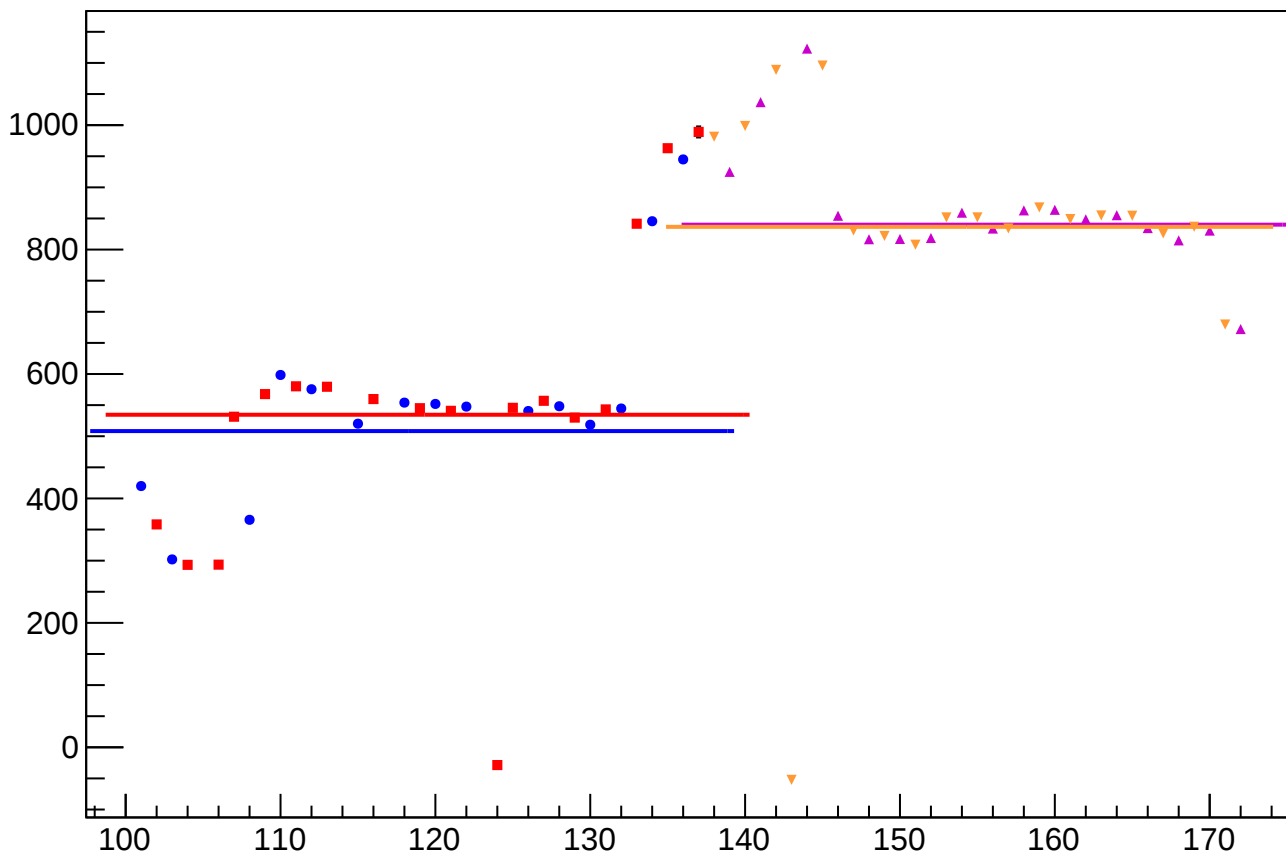
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -781.914 ± 0.138 $\chi^2/\text{NDF}: 2907020.0/31$

Out: -715.378 ± 0.128 $\chi^2/\text{NDF}: 4166591.8/35$

All: -746.287 ± 0.094 $\chi^2/\text{NDF}: 7198367.1/67$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 838.365 ± 0.101 $\chi^2/\text{NDF}: 631488.1/34$

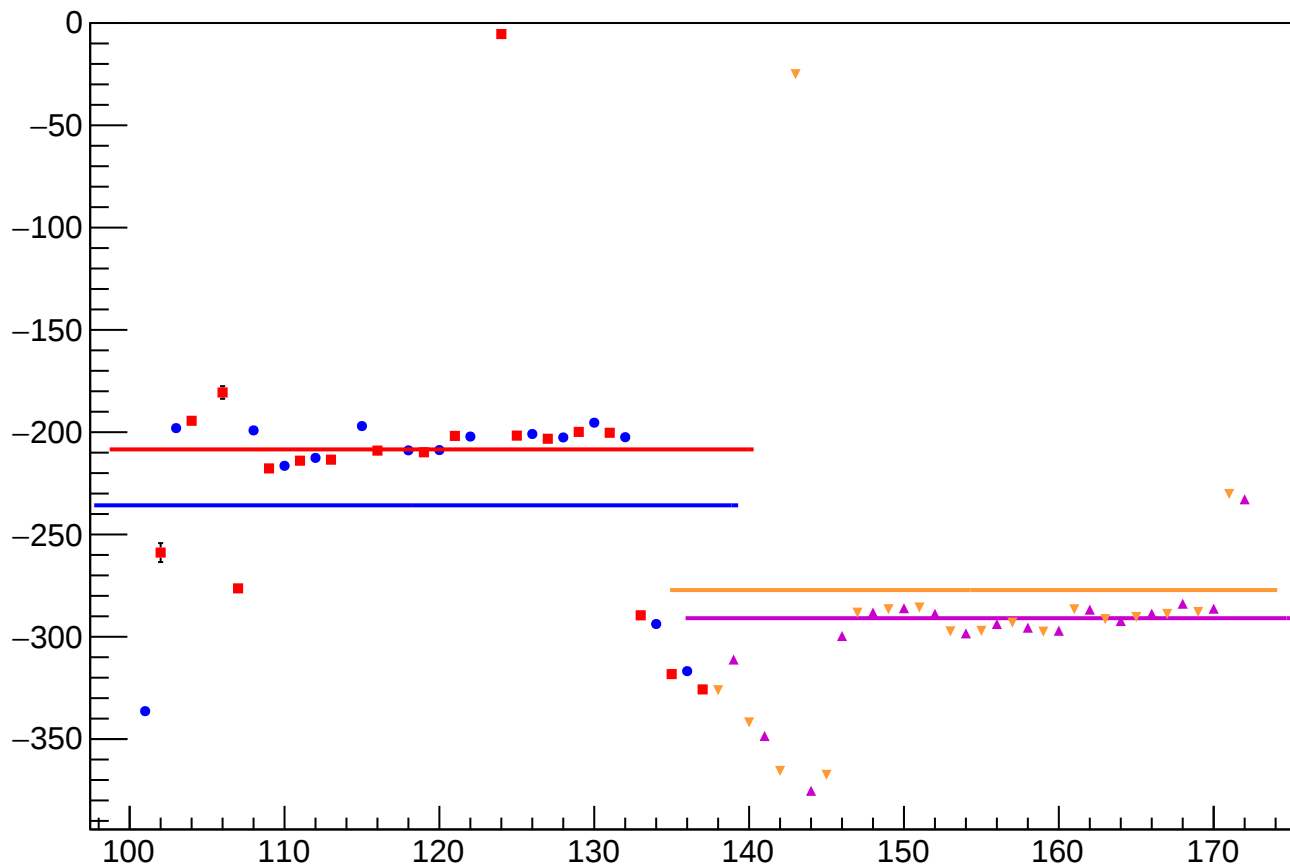
Right: 521.671 ± 0.155 $\chi^2/\text{NDF}: 814918.8/32$

In: 744.958 ± 0.119 $\chi^2/\text{NDF}: 2242964.5/31$

Out: 742.787 ± 0.121 $\chi^2/\text{NDF}: 2127670.0/35$

All: 743.893 ± 0.085 $\chi^2/\text{NDF}: 4370798.6/67$

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -277.166+/-0.025 χ^2/NDF : 6378316.9/17

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -290.917+/-0.025 χ^2/NDF : 667319.1/16

Left: -284.174+/-0.018 χ^2/NDF : 7199134.1/34

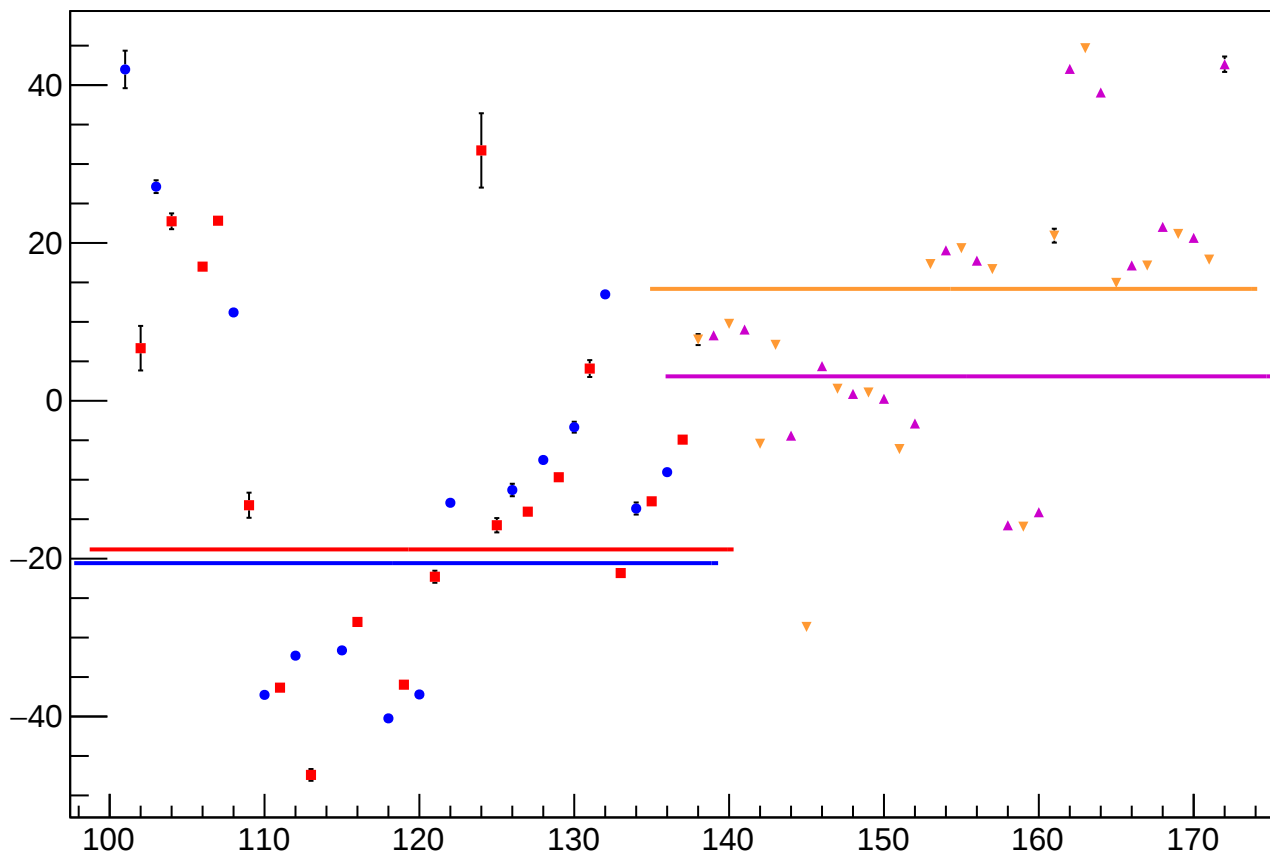
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -281.796+/-0.022 χ^2/NDF : 2376544.8/31

Out: -261.821+/-0.022 χ^2/NDF : 8433813.0/35

All: -271.642+/-0.016 χ^2/NDF : 11212592.0/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Left: 8.128 $\pm$ 0.016 χ^2/NDF : 1254844.7/34

Right: -20.041 $\pm$ 0.060 χ^2/NDF : 84439.6/32

In: 1.172 $\pm$ 0.020 χ^2/NDF : 840492.3/31

Out: 12.715 $\pm$ 0.023 χ^2/NDF : 565342.1/35

All: 6.297 $\pm$ 0.015 χ^2/NDF : 1548669.1/67

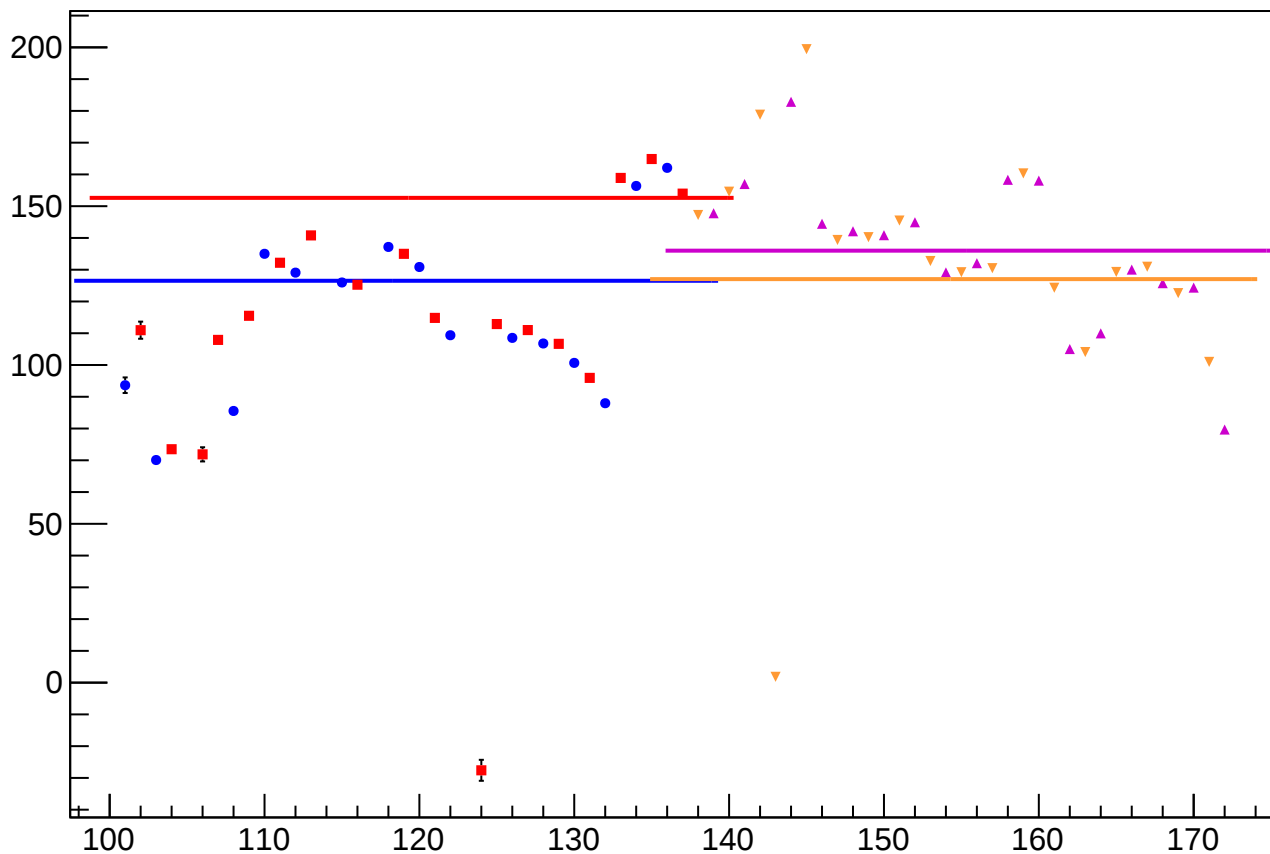
Right In: -20.569 $\pm$ 0.071 χ^2/NDF : 63404.0/14

Left Out: 14.183 $\pm$ 0.023 χ^2/NDF : 455212.0/17

Right Out: -18.831 $\pm$ 0.108 χ^2/NDF : 20855.1/17

Left In: 3.098 $\pm$ 0.021 χ^2/NDF : 675980.2/16

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.038 $\pm$ 0.030 χ^2 /NDF: 614871.5/17

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 135.998 $\pm$ 0.028 χ^2 /NDF: 377251.7/16

Left: 131.836 $\pm$ 0.020 χ^2 /NDF: 1039995.0/34

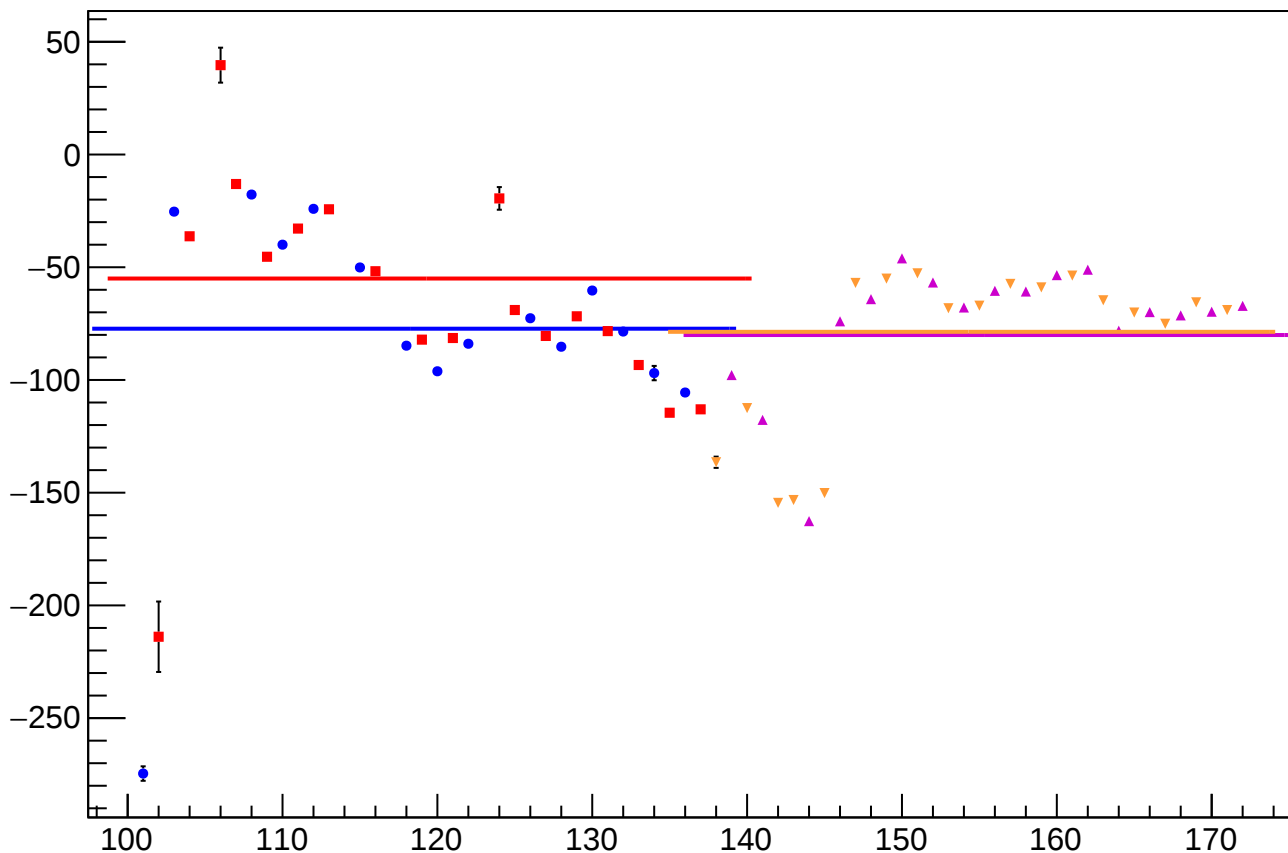
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.055 $\pm$ 0.026 χ^2 /NDF: 503690.6/31

Out: 139.666 $\pm$ 0.021 χ^2 /NDF: 1048621.1/35

All: 137.852 $\pm$ 0.017 χ^2 /NDF: 1570702.0/67

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -78.643 ± 0.130 χ^2/NDF : 58744.3/17

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -80.068 ± 0.131 χ^2/NDF : 59617.0/16

Left: -79.355 ± 0.092 χ^2/NDF : 118420.8/34

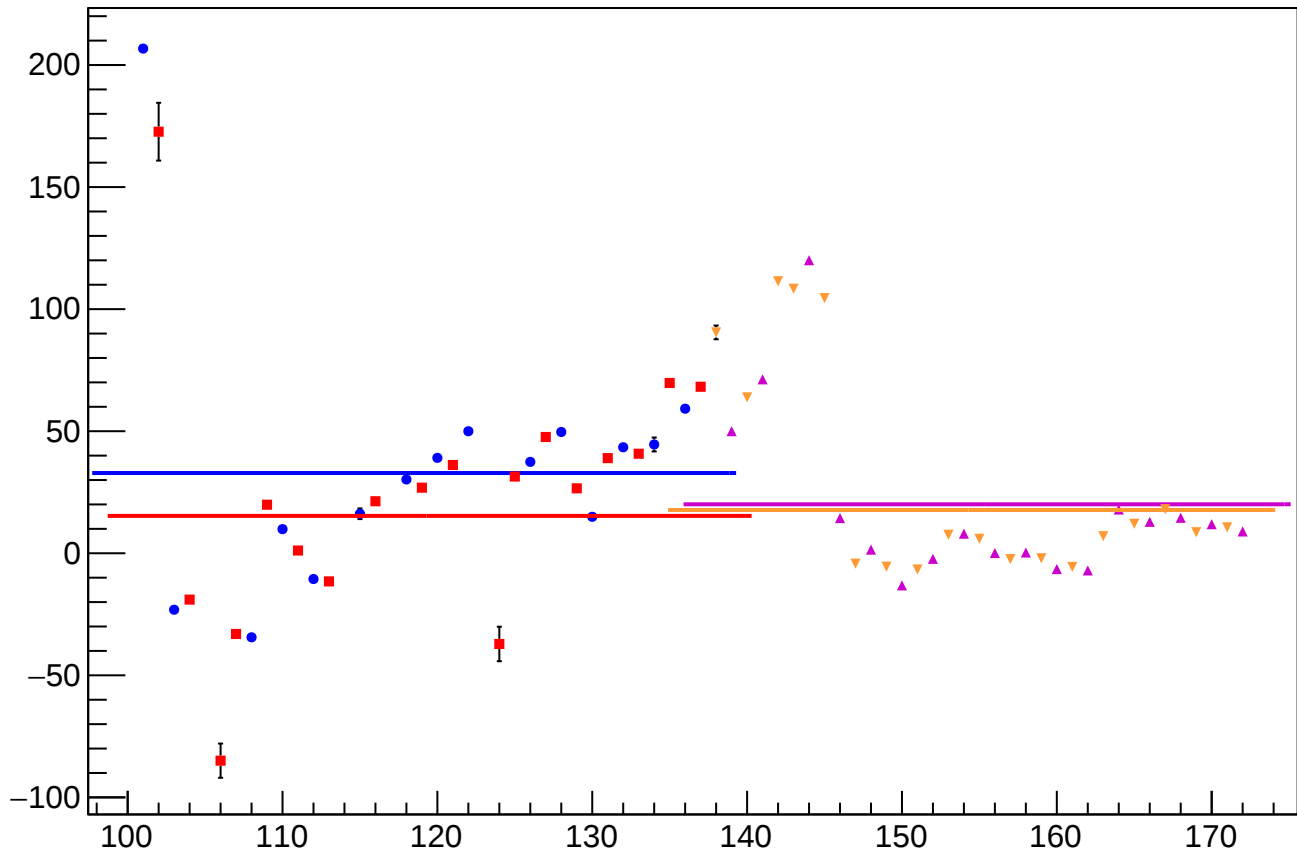
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -78.824 ± 0.097 χ^2/NDF : 90177.8/31

Out: -71.084 ± 0.108 χ^2/NDF : 92872.9/35

All: -75.335 ± 0.072 χ^2/NDF : 185892.8/67

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 17.731 $\pm$ 0.114 χ^2 /NDF: 90101.8/17

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 20.062 $\pm$ 0.114 χ^2 /NDF: 88372.2/16

Left: 18.891 $\pm$ 0.081 χ^2 /NDF: 178682.9/34

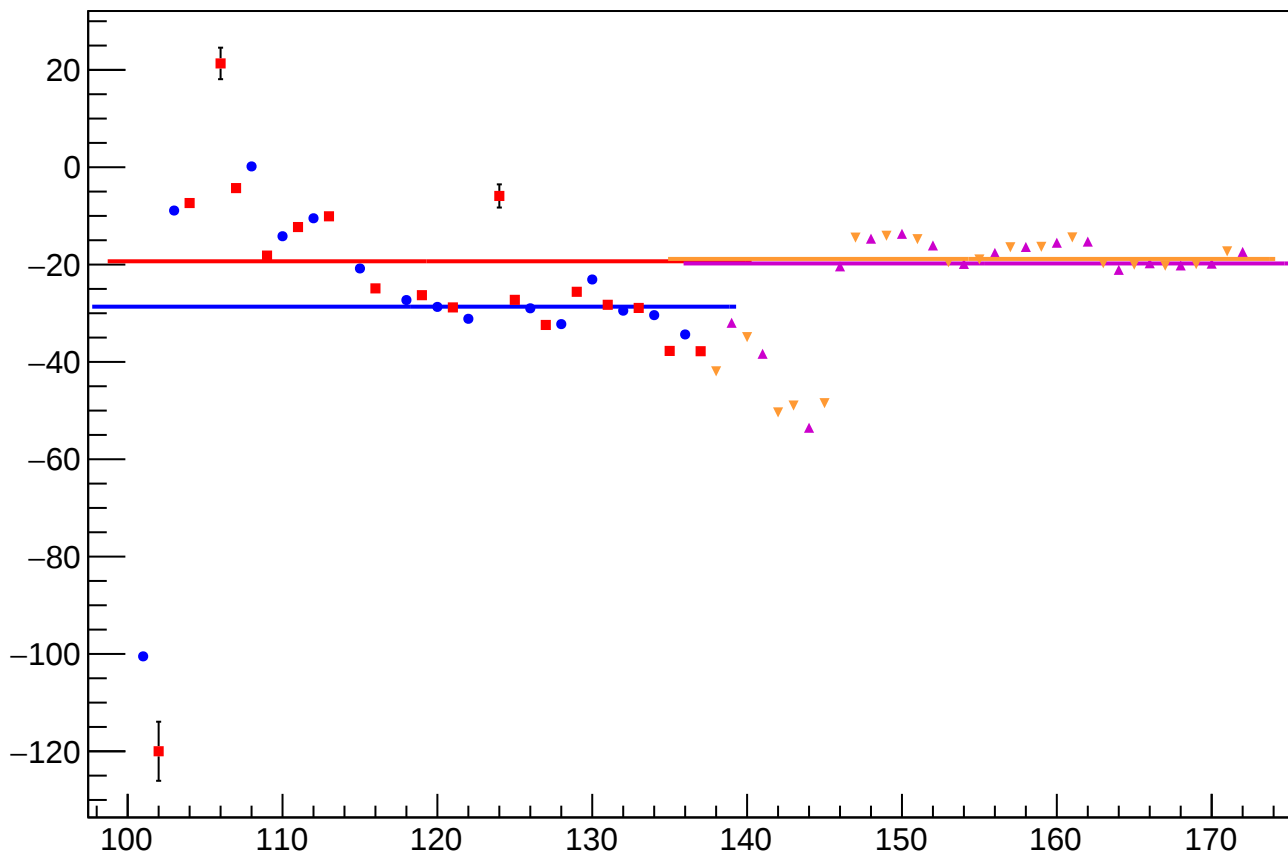
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 24.929 $\pm$ 0.090 χ^2 /NDF: 124534.9/31

Out: 17.180 $\pm$ 0.100 χ^2 /NDF: 106950.9/35

All: 21.461 $\pm$ 0.067 χ^2 /NDF: 234802.3/67

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 $\pm$ 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.837 $\pm$ 0.015 χ^2/NDF : 224942.2/17

Right Out: -19.325 $\pm$ 0.039 χ^2/NDF : 56579.1/17

Left In: -19.770 $\pm$ 0.016 χ^2/NDF : 194974.6/16

Left: -19.279 $\pm$ 0.011 χ^2/NDF : 421727.7/34

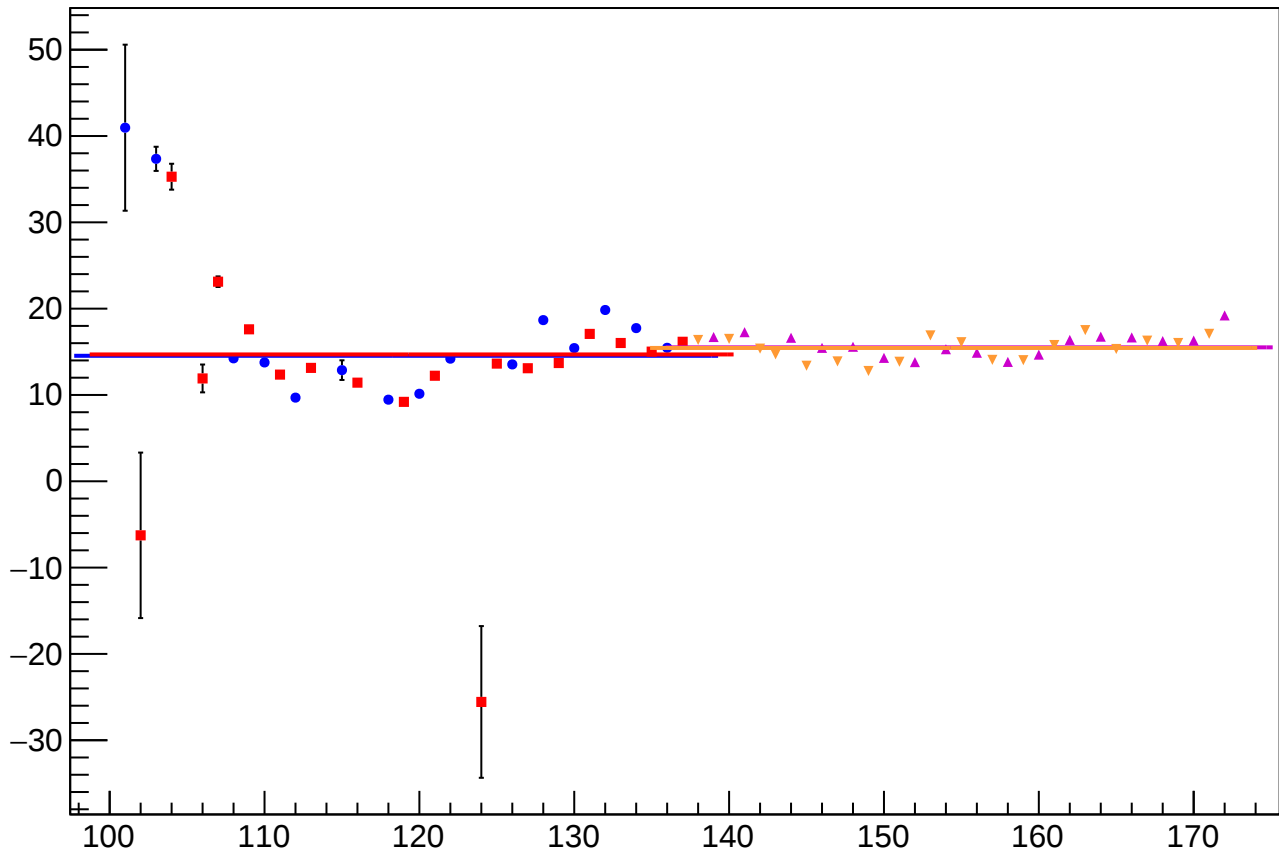
Right: -24.627 $\pm$ 0.026 χ^2/NDF : 201944.0/32

In: -21.344 $\pm$ 0.014 χ^2/NDF : 363641.1/31

Out: -18.899 $\pm$ 0.014 χ^2/NDF : 281655.3/35

All: -20.093 $\pm$ 0.010 χ^2/NDF : 659990.1/67

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.448 $\pm$ 0.015 χ^2 /NDF: 7209.8/17

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.516 $\pm$ 0.015 χ^2 /NDF: 6388.8/16

Left: 15.481 $\pm$ 0.011 χ^2 /NDF: 13608.5/34

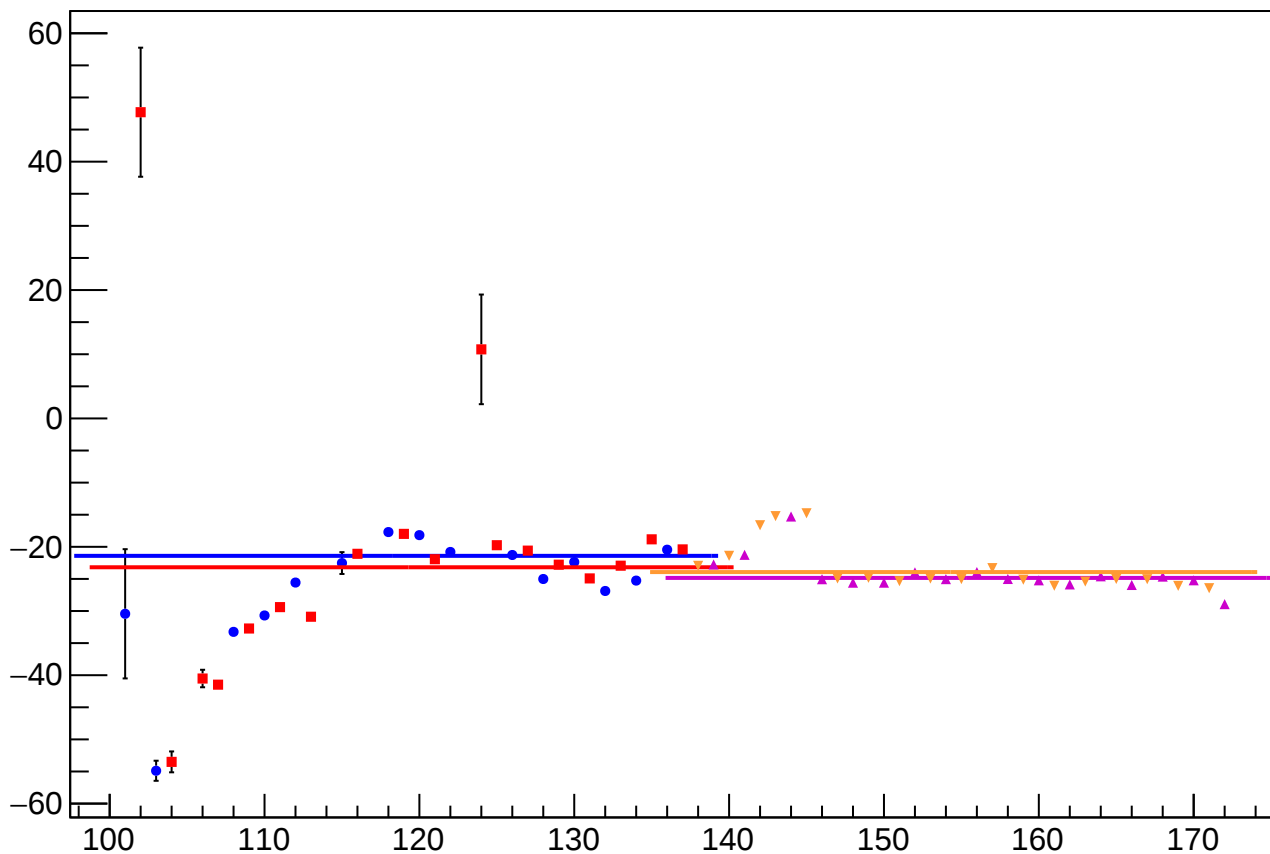
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.312 $\pm$ 0.014 χ^2 /NDF: 19310.0/31

Out: 15.366 $\pm$ 0.014 χ^2 /NDF: 9109.7/35

All: 15.338 $\pm$ 0.010 χ^2 /NDF: 28427.4/67

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.934 ± 0.018 $\chi^2/\text{NDF}: 35844.0/17$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.844 ± 0.018 $\chi^2/\text{NDF}: 11753.3/16$

Left: -24.388 ± 0.013 $\chi^2/\text{NDF}: 48879.3/34$

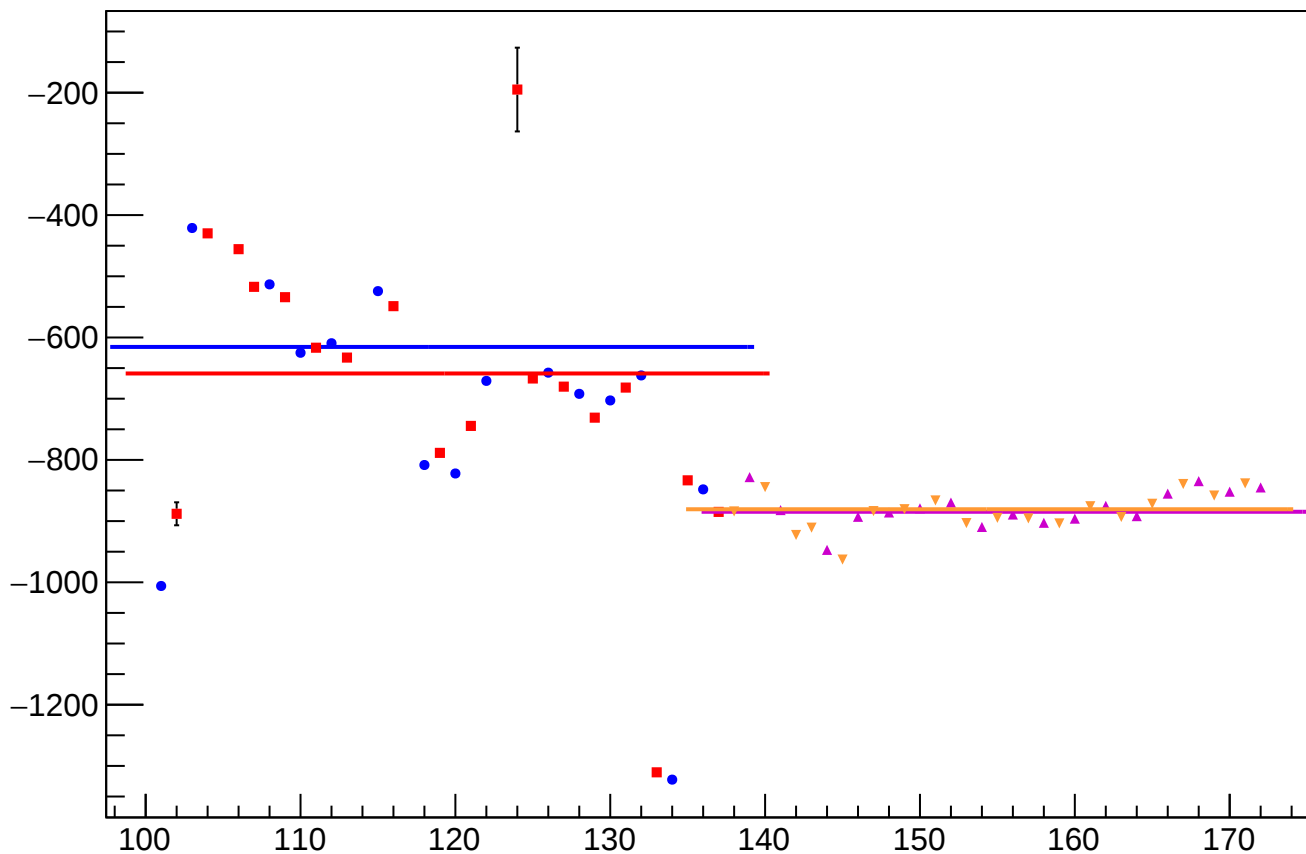
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.143 ± 0.016 $\chi^2/\text{NDF}: 28876.6/31$

Out: -23.852 ± 0.017 $\chi^2/\text{NDF}: 45161.5/35$

All: -24.005 ± 0.012 $\chi^2/\text{NDF}: 74193.9/67$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -880.640 ± 0.146 $\chi^2/\text{NDF}: 30508.5/17$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -884.751 ± 0.141 $\chi^2/\text{NDF}: 25566.3/16$

Left: -882.779 ± 0.101 $\chi^2/\text{NDF}: 56484.8/34$

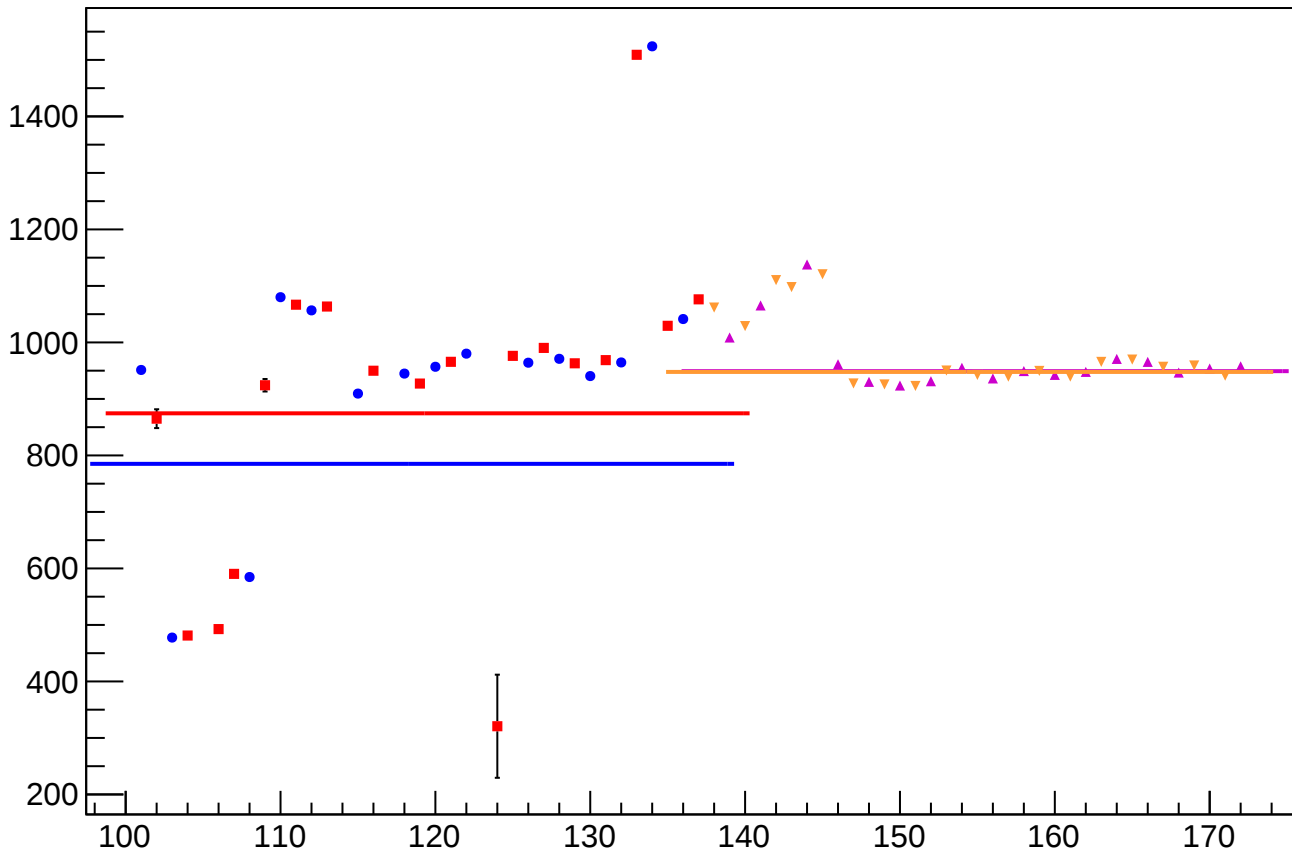
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.872 ± 0.121 $\chi^2/\text{NDF}: 1359929.2/31$

Out: -826.039 ± 0.127 $\chi^2/\text{NDF}: 980643.9/35$

All: -820.180 ± 0.088 $\chi^2/\text{NDF}: 2344619.6/67$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.794 $\pm$ 0.121 χ^2/NDF : 71658.9/17

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 949.138 $\pm$ 0.115 χ^2/NDF : 75560.5/16

Left: 948.498 $\pm$ 0.083 χ^2/NDF : 147284.3/34

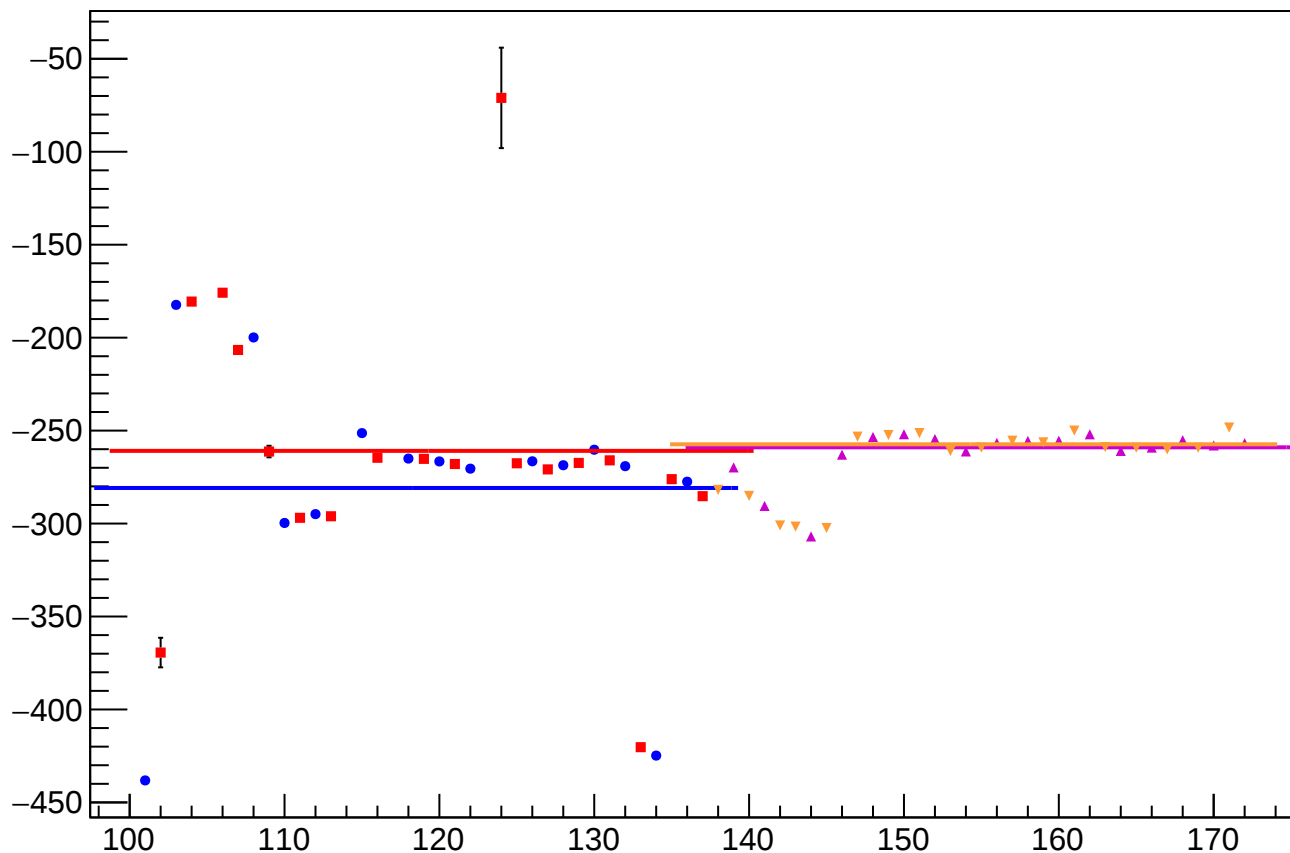
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 915.854 $\pm$ 0.103 χ^2/NDF : 1374193.2/31

Out: 934.905 $\pm$ 0.110 χ^2/NDF : 979055.9/35

All: 924.765 $\pm$ 0.075 χ^2/NDF : 2369340.1/67

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.365 ± 0.021 $\chi^2/\text{NDF}: 174862.0/17$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.997 ± 0.021 $\chi^2/\text{NDF}: 188696.5/16$

Left: -258.198 ± 0.015 $\chi^2/\text{NDF}: 366653.3/34$

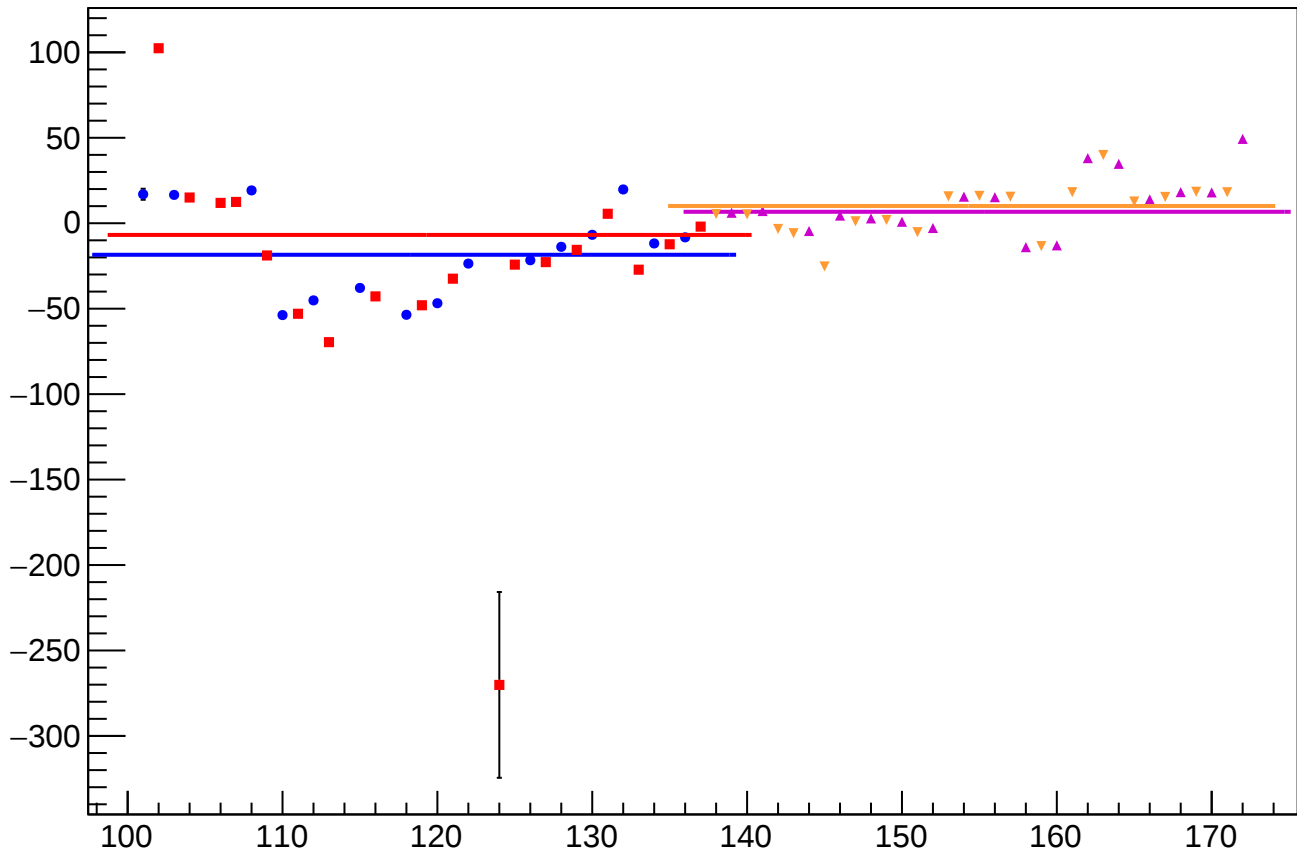
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.391 ± 0.019 $\chi^2/\text{NDF}: 1186494.3/31$

Out: -257.675 ± 0.020 $\chi^2/\text{NDF}: 525072.0/35$

All: -259.594 ± 0.014 $\chi^2/\text{NDF}: 1729362.8/67$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.101 ± 0.021 $\chi^2/\text{NDF}: 402857.6/17$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.693 ± 0.021 $\chi^2/\text{NDF}: 433352.5/16$

Left: 8.376 ± 0.015 $\chi^2/\text{NDF}: 849547.0/34$

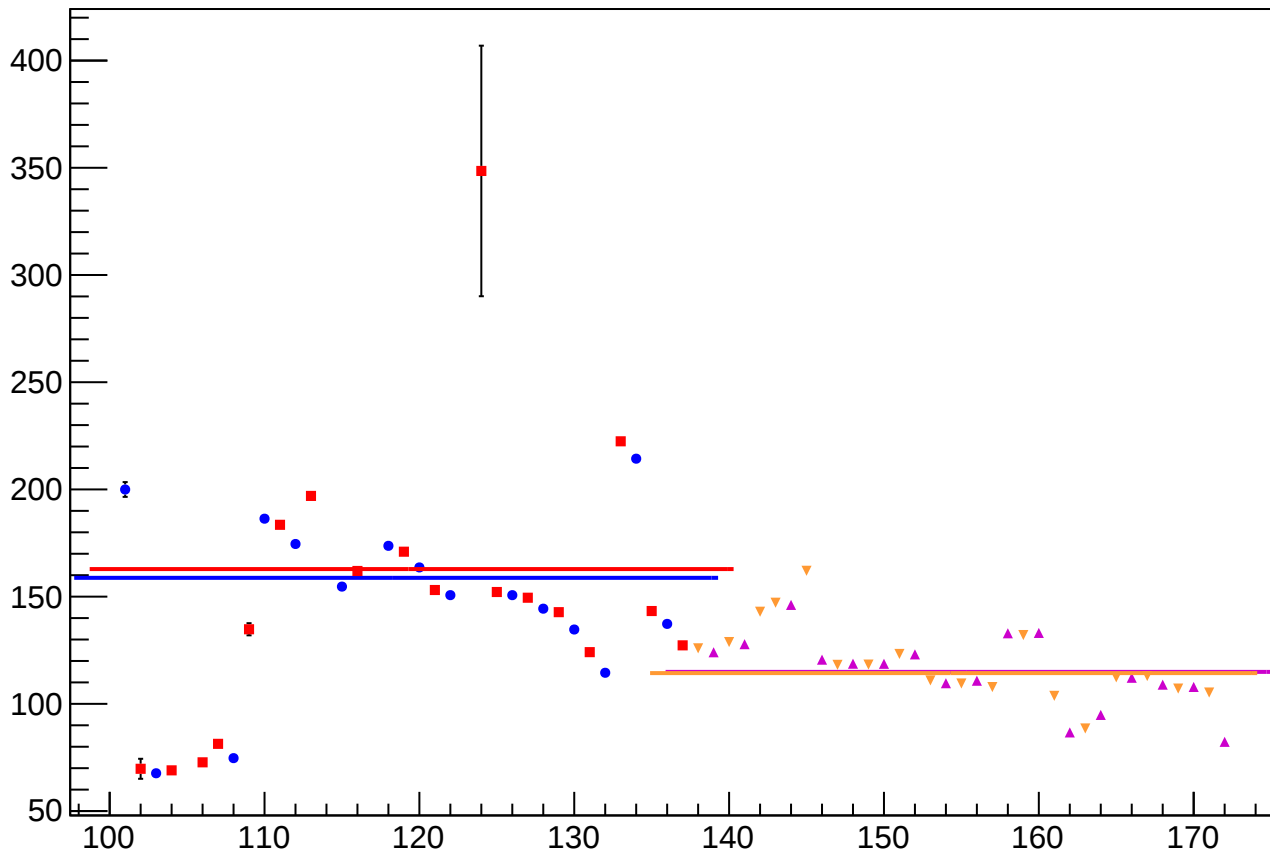
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.460 ± 0.020 $\chi^2/\text{NDF}: 552103.6/31$

Out: 8.482 ± 0.020 $\chi^2/\text{NDF}: 515152.1/35$

All: 6.990 ± 0.014 $\chi^2/\text{NDF}: 1078568.4/67$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 114.341 $\pm$ 0.025 χ^2 /NDF: 223190.3/17

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 114.909 $\pm$ 0.023 χ^2 /NDF: 298331.0/16

Left: 114.652 $\pm$ 0.017 χ^2 /NDF: 521799.8/34

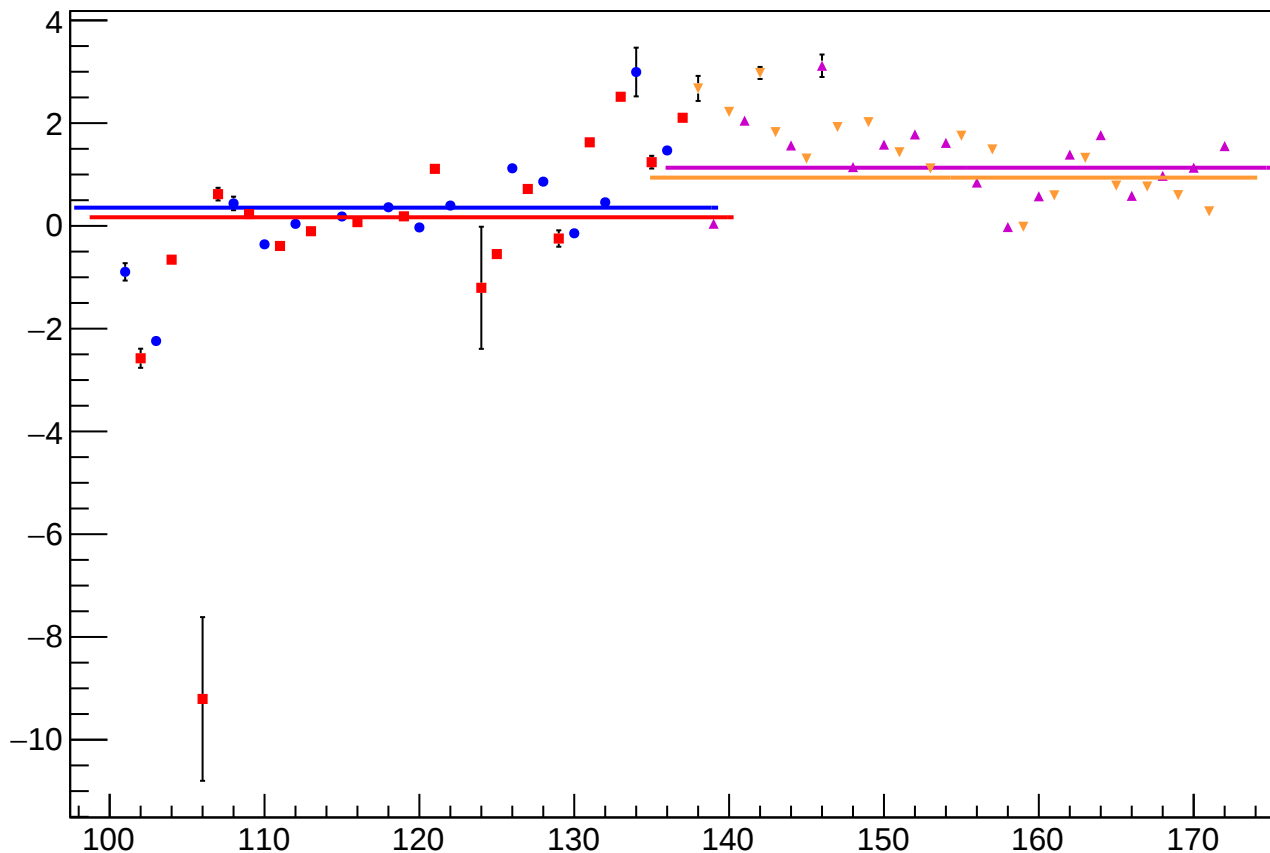
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 117.671 $\pm$ 0.022 χ^2 /NDF: 688522.4/31

Out: 117.646 $\pm$ 0.024 χ^2 /NDF: 631520.6/35

All: 117.659 $\pm$ 0.016 χ^2 /NDF: 1320043.6/67

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.940 ± 0.009 $\chi^2/\text{NDF}: 5597.8/17$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.132 ± 0.008 $\chi^2/\text{NDF}: 6492.7/16$

Left: 1.052 ± 0.006 $\chi^2/\text{NDF}: 12356.7/34$

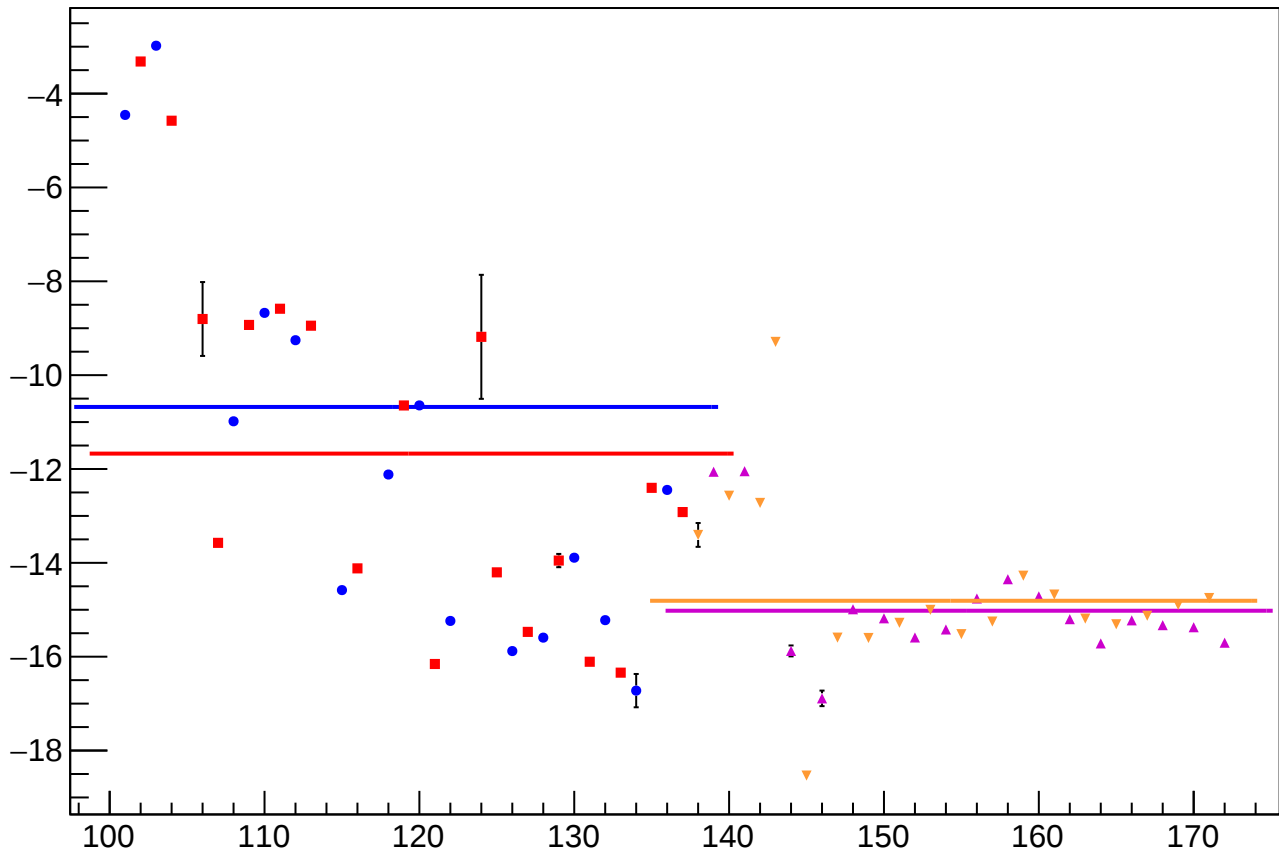
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.902 ± 0.006 $\chi^2/\text{NDF}: 13579.3/31$

Out: 0.492 ± 0.006 $\chi^2/\text{NDF}: 14471.6/35$

All: 0.678 ± 0.004 $\chi^2/\text{NDF}: 30301.9/67$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.808 ± 0.007 $\chi^2/\text{NDF}: 30593.3/17$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.021 ± 0.007 $\chi^2/\text{NDF}: 12895.0/16$

Left: -14.923 ± 0.005 $\chi^2/\text{NDF}: 43952.7/34$

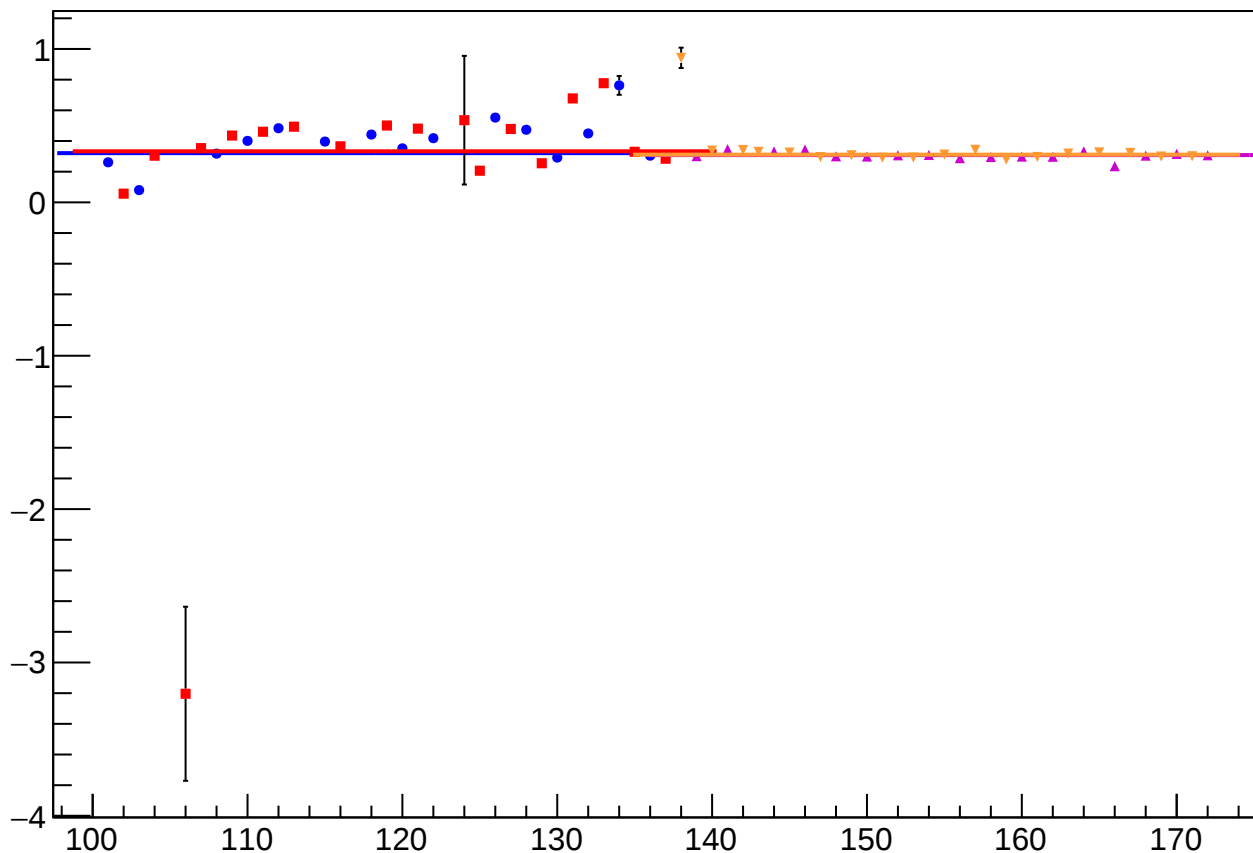
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.736 ± 0.006 $\chi^2/\text{NDF}: 365407.7/31$

Out: -13.931 ± 0.006 $\chi^2/\text{NDF}: 190724.6/35$

All: -13.824 ± 0.004 $\chi^2/\text{NDF}: 556682.7/67$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF:4678.5/17

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF:2602.7/16

Left: 0.310 $\pm$ 0.000 χ^2 /NDF: 7343.5/34

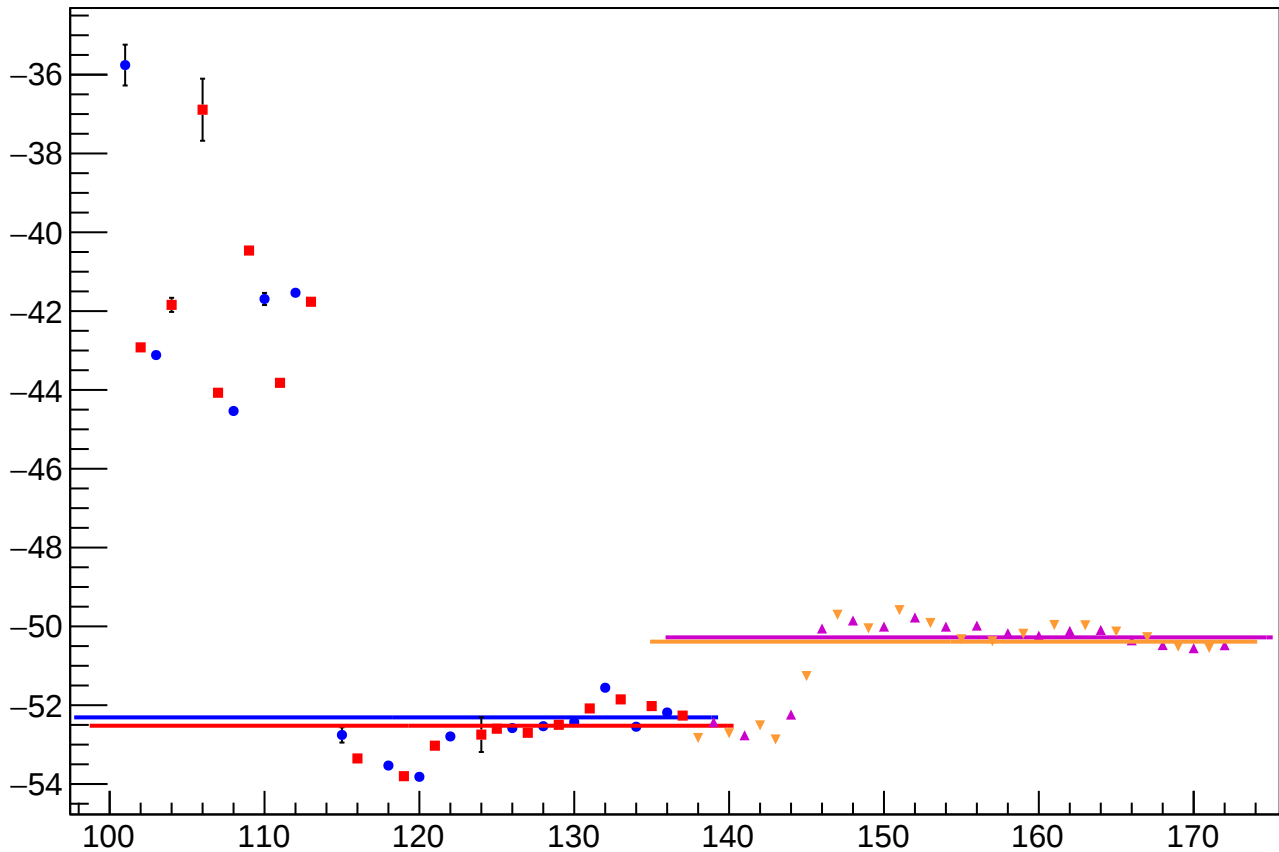
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.309 $\pm$ 0.000 χ^2 /NDF:6791.6/31

Out: 0.312 $\pm$ 0.000 χ^2 /NDF:9144.8/35

All: 0.311 $\pm$ 0.000 χ^2 /NDF: 15998.6/67

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.387 ± 0.002 χ^2/NDF : 228131.2/17

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.279 ± 0.001 χ^2/NDF : 165135.7/16

Left: -50.322 ± 0.001 χ^2/NDF : 395908.0/34

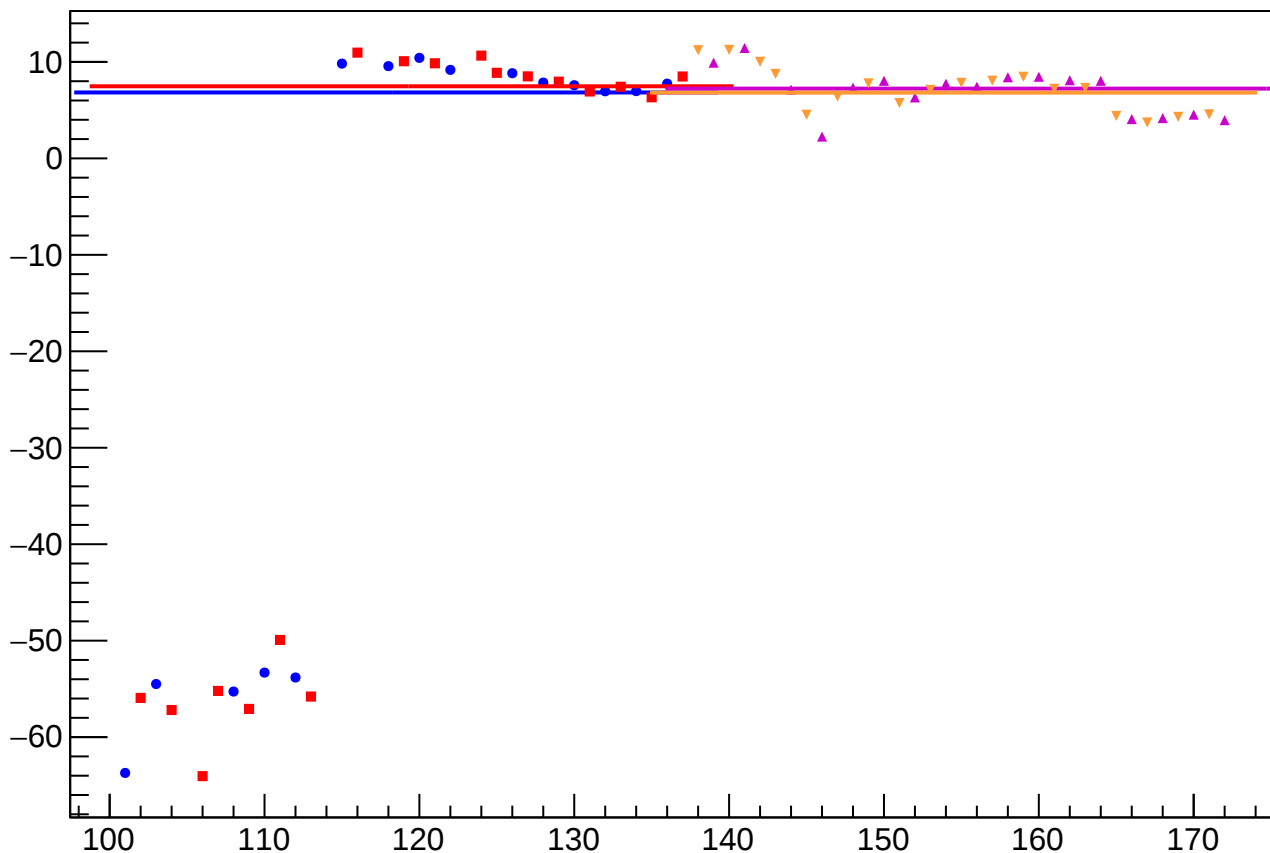
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.450 ± 0.001 χ^2/NDF : 412299.6/31

Out: -50.627 ± 0.002 χ^2/NDF : 495265.7/35

All: -50.523 ± 0.001 χ^2/NDF : 915309.3/67

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.817 ± 0.004 $\chi^2/\text{NDF}: 290521.4/17$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.231 ± 0.004 $\chi^2/\text{NDF}: 183354.4/16$

Left: 7.042 ± 0.003 $\chi^2/\text{NDF}: 480223.1/34$

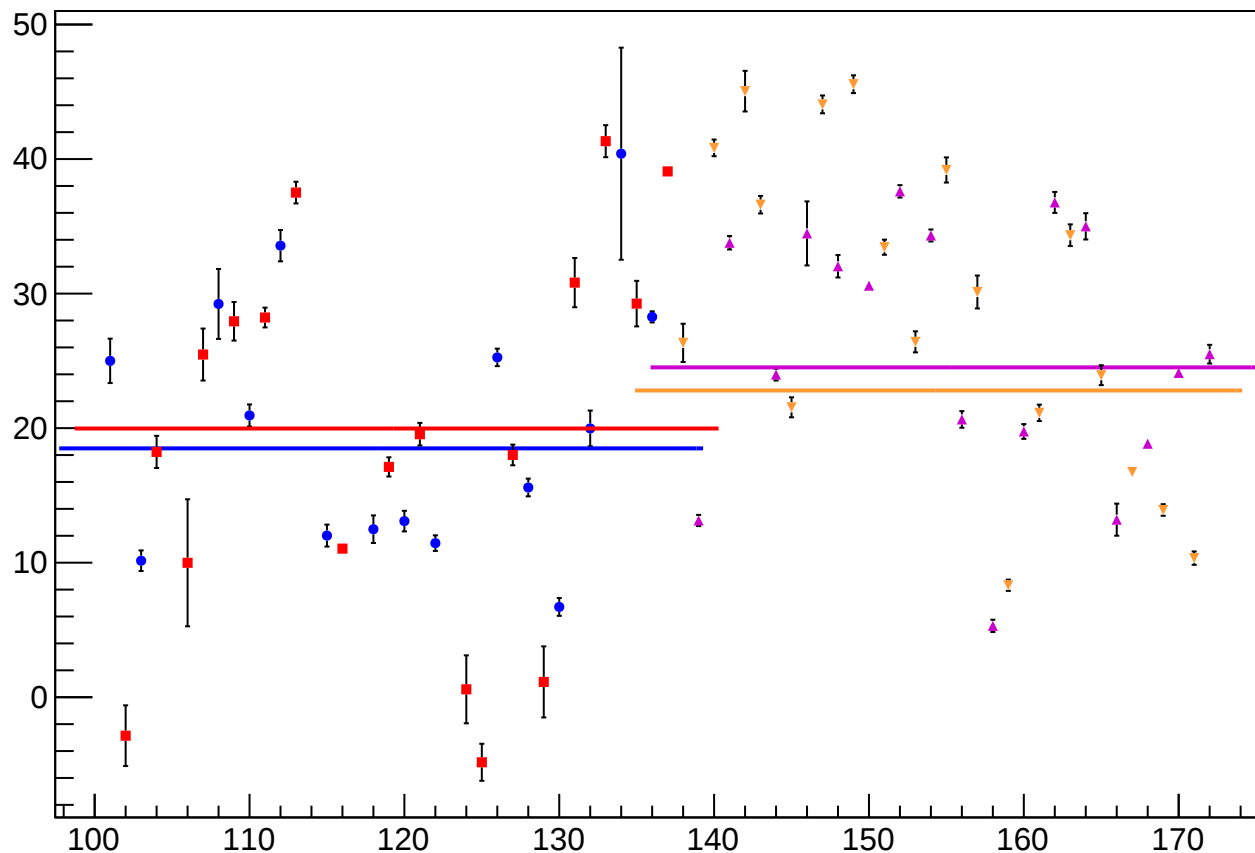
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.102 ± 0.003 $\chi^2/\text{NDF}: 1178088.0/31$

Out: 6.912 ± 0.004 $\chi^2/\text{NDF}: 1490291.3/35$

All: 7.027 ± 0.002 $\chi^2/\text{NDF}: 2670102.2/67$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 22.801 $\pm$ 0.136 χ^2 /NDF: 7451.7/17

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 24.517 $\pm$ 0.117 χ^2 /NDF: 5451.6/16

Left: 23.788 $\pm$ 0.088 χ^2 /NDF: 12995.6/34

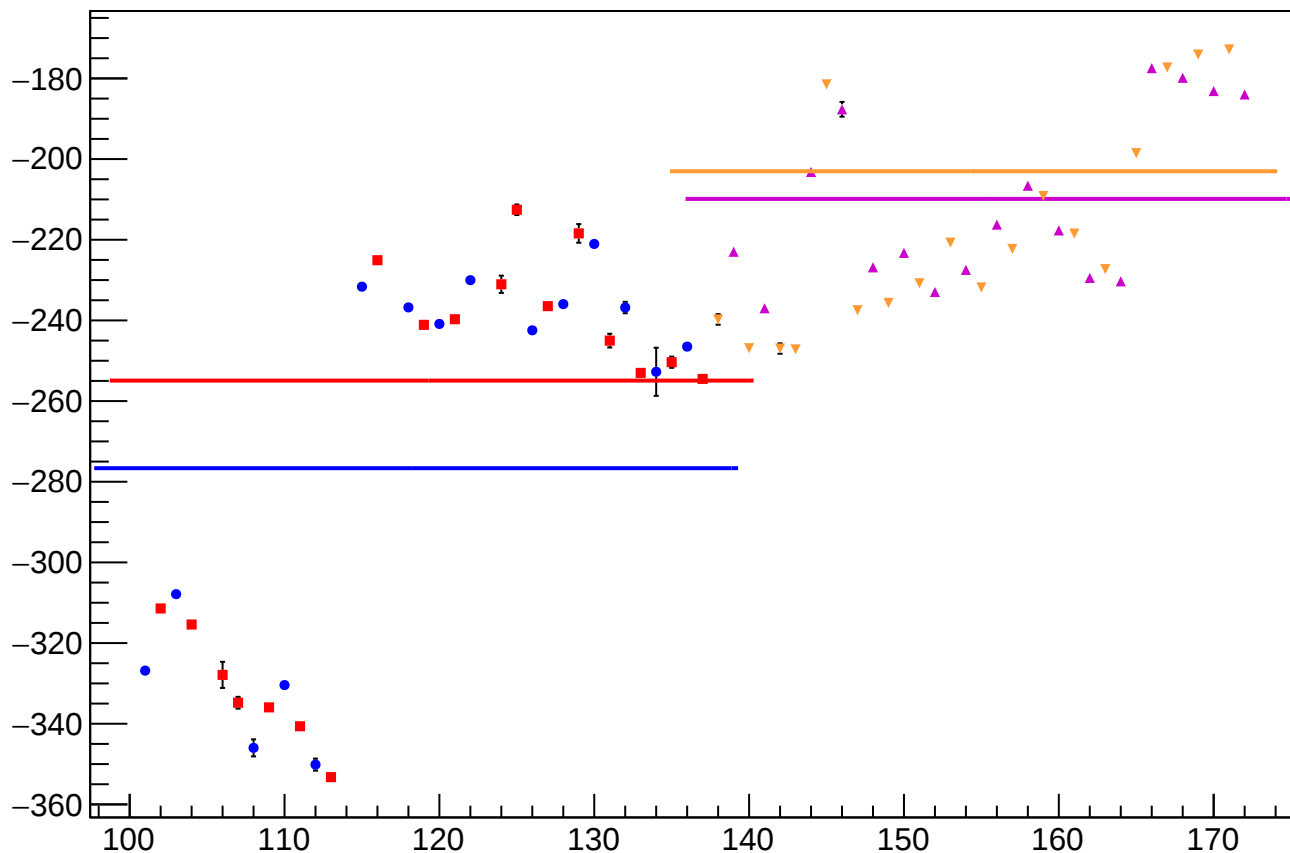
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.991 $\pm$ 0.101 χ^2 /NDF: 7764.7/31

Out: 21.329 $\pm$ 0.094 χ^2 /NDF: 16879.2/35

All: 22.102 $\pm$ 0.069 χ^2 /NDF: 24789.6/67

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -203.016 ± 0.113 $\chi^2/\text{NDF}: 59202.3/17$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -209.874 ± 0.101 $\chi^2/\text{NDF}: 42161.5/16$

Left: -206.825 ± 0.075 $\chi^2/\text{NDF}: 103425.7/34$

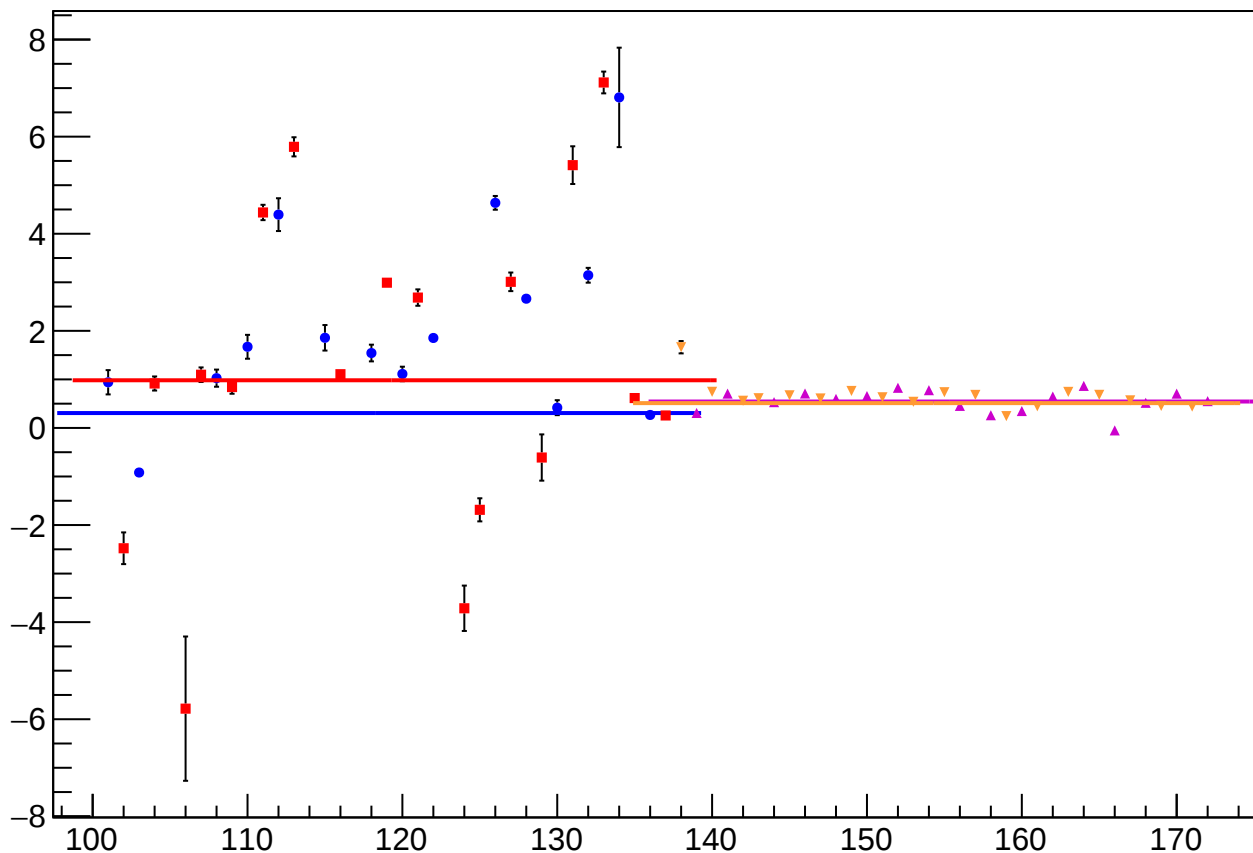
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -231.088 ± 0.083 $\chi^2/\text{NDF}: 258969.7/31$

Out: -240.081 ± 0.060 $\chi^2/\text{NDF}: 282973.1/35$

All: -236.990 ± 0.049 $\chi^2/\text{NDF}: 549616.3/67$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Left: 0.530 $\pm$ 0.001 χ^2/NDF : 22638.6/34

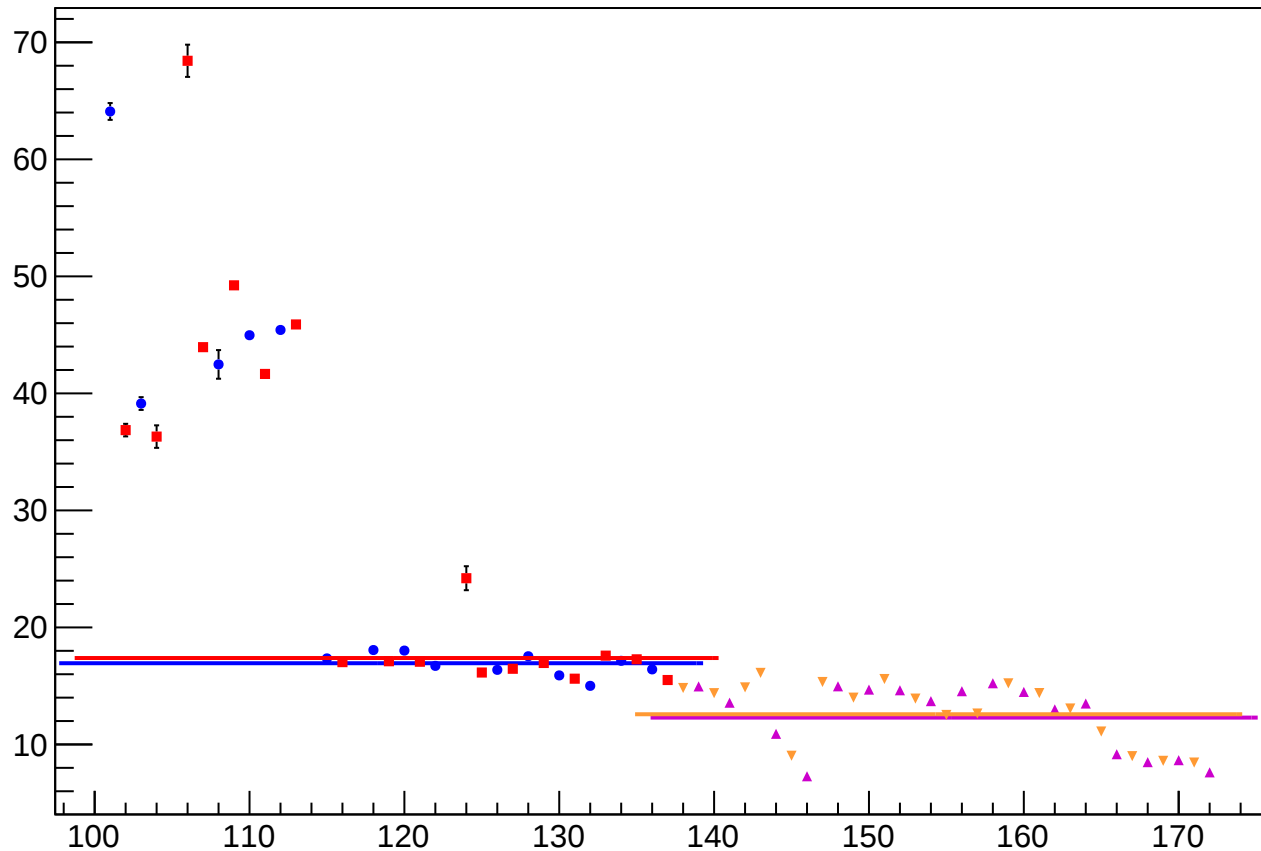
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.528 $\pm$ 0.002 χ^2/NDF : 18083.3/31

Out: 0.520 $\pm$ 0.002 χ^2/NDF : 12772.1/35

All: 0.525 $\pm$ 0.001 χ^2/NDF : 30863.6/67

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 12.580 $\pm$ 0.008 χ^2 /NDF: 144558.9/17

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 12.294 $\pm$ 0.008 χ^2 /NDF: 139218.7/16

Left: 12.432 $\pm$ 0.006 χ^2 /NDF: 284434.2/34

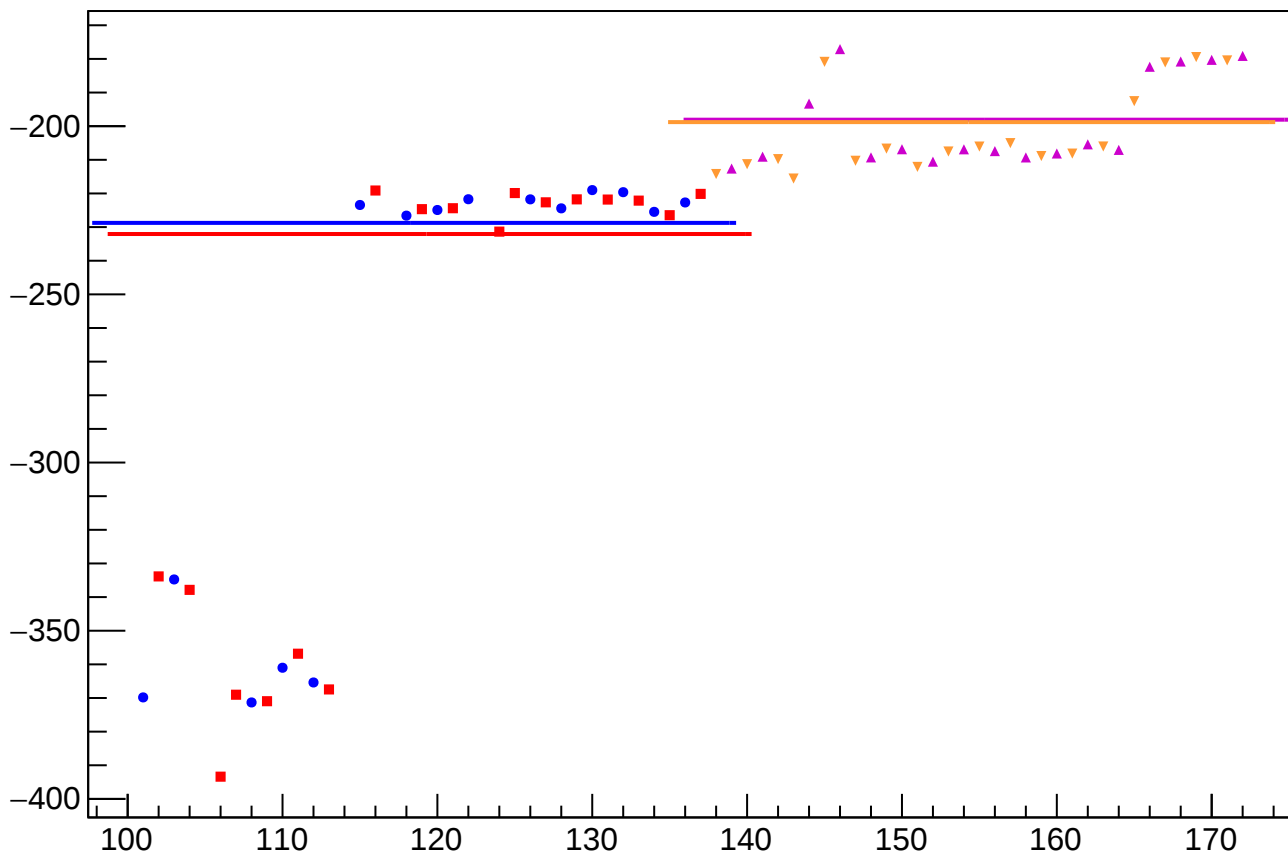
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 13.533 $\pm$ 0.007 χ^2 /NDF: 263870.8/31

Out: 13.410 $\pm$ 0.007 χ^2 /NDF: 267427.8/35

All: 13.477 $\pm$ 0.005 χ^2 /NDF: 531453.3/67

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -198.788 ± 0.015 $\chi^2/\text{NDF}: 825614.4/17$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -198.069 ± 0.014 $\chi^2/\text{NDF}: 890111.3/16$

Left: -198.399 ± 0.010 $\chi^2/\text{NDF}: 1716904.5/34$

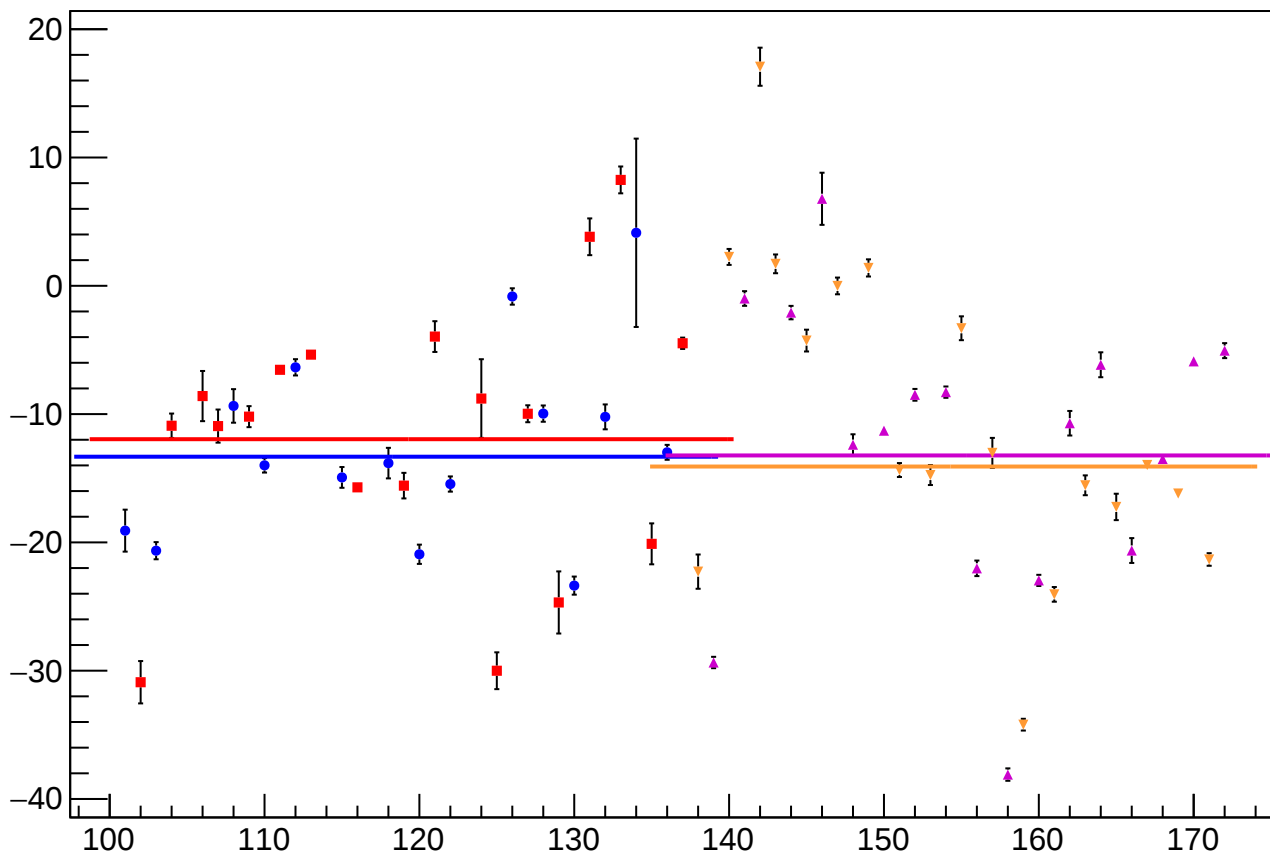
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -202.465 ± 0.013 $\chi^2/\text{NDF}: 2217993.0/31$

Out: -202.856 ± 0.014 $\chi^2/\text{NDF}: 2186678.8/35$

All: -202.642 ± 0.010 $\chi^2/\text{NDF}: 4405073.5/67$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -14.087 ± 0.139 $\chi^2/\text{NDF}: 5388.7/17$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.223 ± 0.119 $\chi^2/\text{NDF}: 6932.9/16$

Left: -13.590 ± 0.090 $\chi^2/\text{NDF}: 12344.0/34$

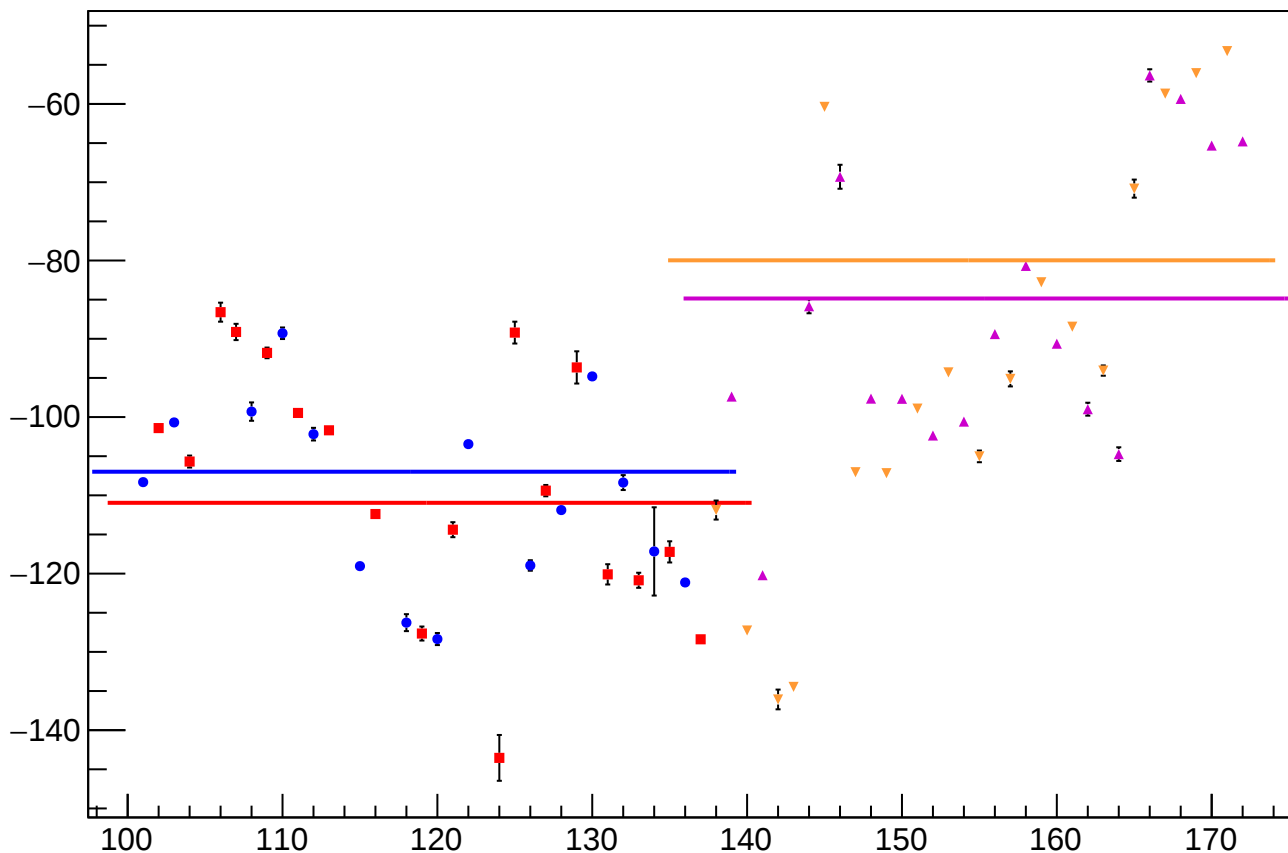
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.250 ± 0.102 $\chi^2/\text{NDF}: 7946.1/31$

Out: -12.802 ± 0.087 $\chi^2/\text{NDF}: 8018.1/35$

All: -12.993 ± 0.066 $\chi^2/\text{NDF}: 15975.3/67$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -79.977 ± 0.111 χ^2/NDF : 50013.3/17

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -84.853 ± 0.099 χ^2/NDF : 33379.6/16

Left: -82.696 ± 0.074 χ^2/NDF : 84463.2/34

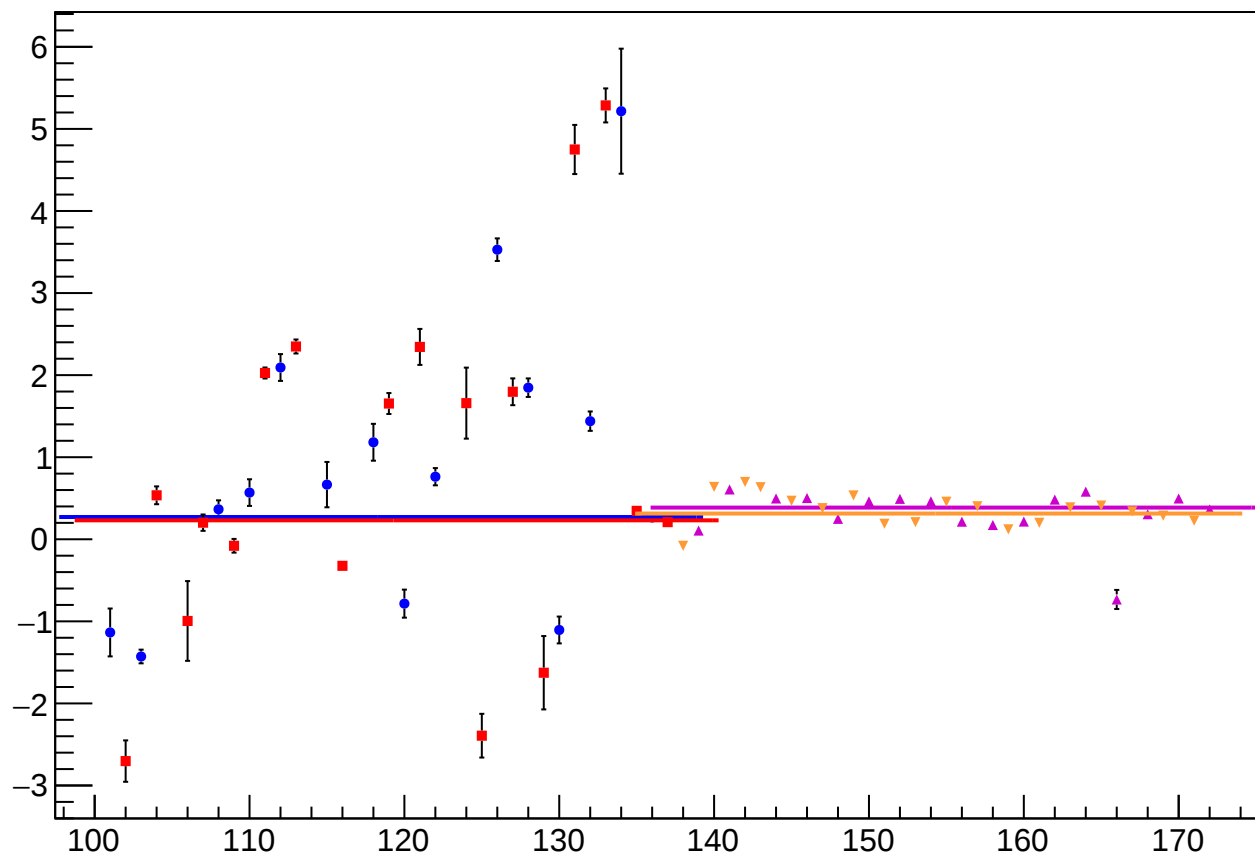
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -94.769 ± 0.074 χ^2/NDF : 60367.0/31

Out: -105.721 ± 0.046 χ^2/NDF : 125062.6/35

All: -102.672 ± 0.039 χ^2/NDF : 201388.4/67

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.313 ± 0.002 $\chi^2/\text{NDF}: 6725.5/17$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.386 ± 0.002 $\chi^2/\text{NDF}: 8289.0/16$

Left: 0.354 ± 0.001 $\chi^2/\text{NDF}: 15734.0/34$

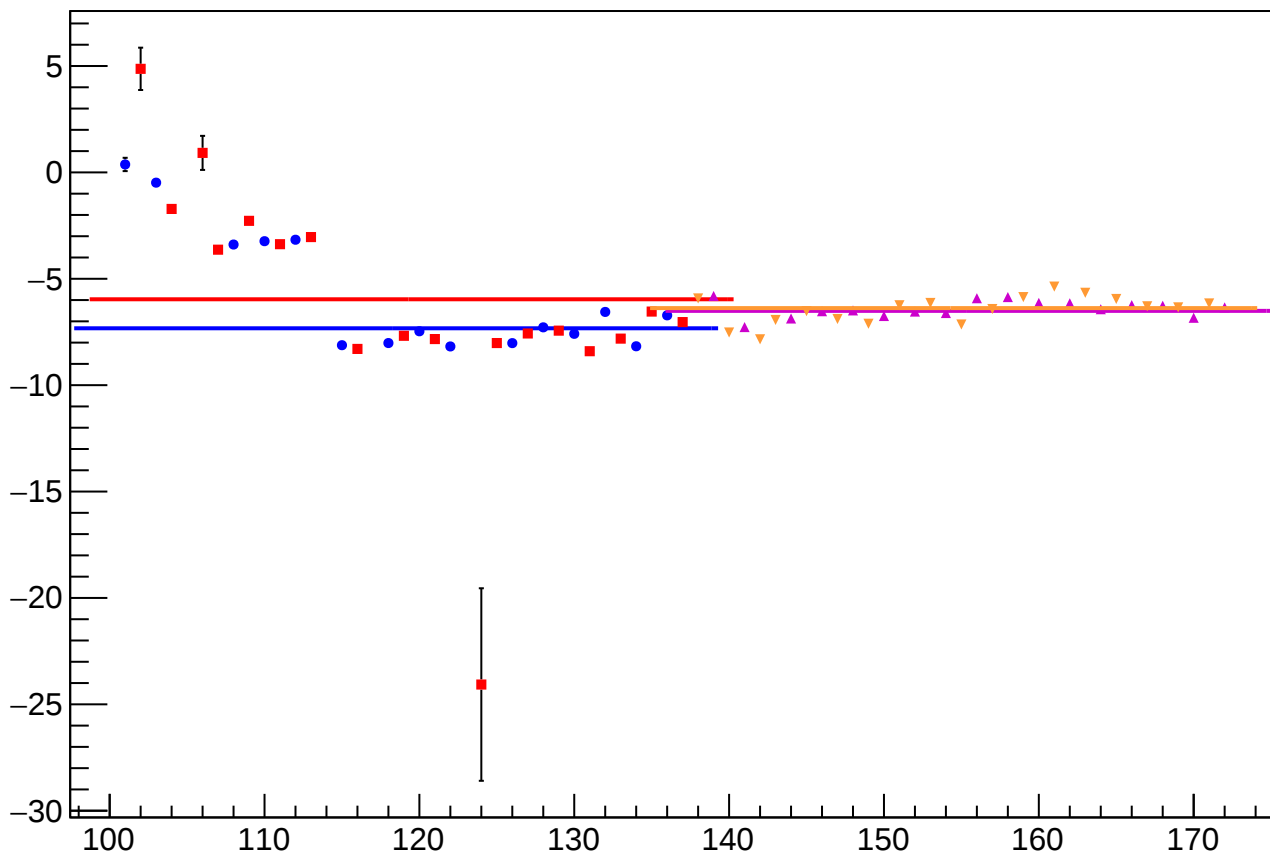
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.374 ± 0.002 $\chi^2/\text{NDF}: 10319.6/31$

Out: 0.299 ± 0.002 $\chi^2/\text{NDF}: 9922.6/35$

All: 0.340 ± 0.001 $\chi^2/\text{NDF}: 21142.6/67$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.378+/-0.005 χ^2/NDF : 6151.5/17

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.508+/-0.005 χ^2/NDF : 6515.2/16

Left: -6.447+/-0.004 χ^2/NDF : 13002.8/34

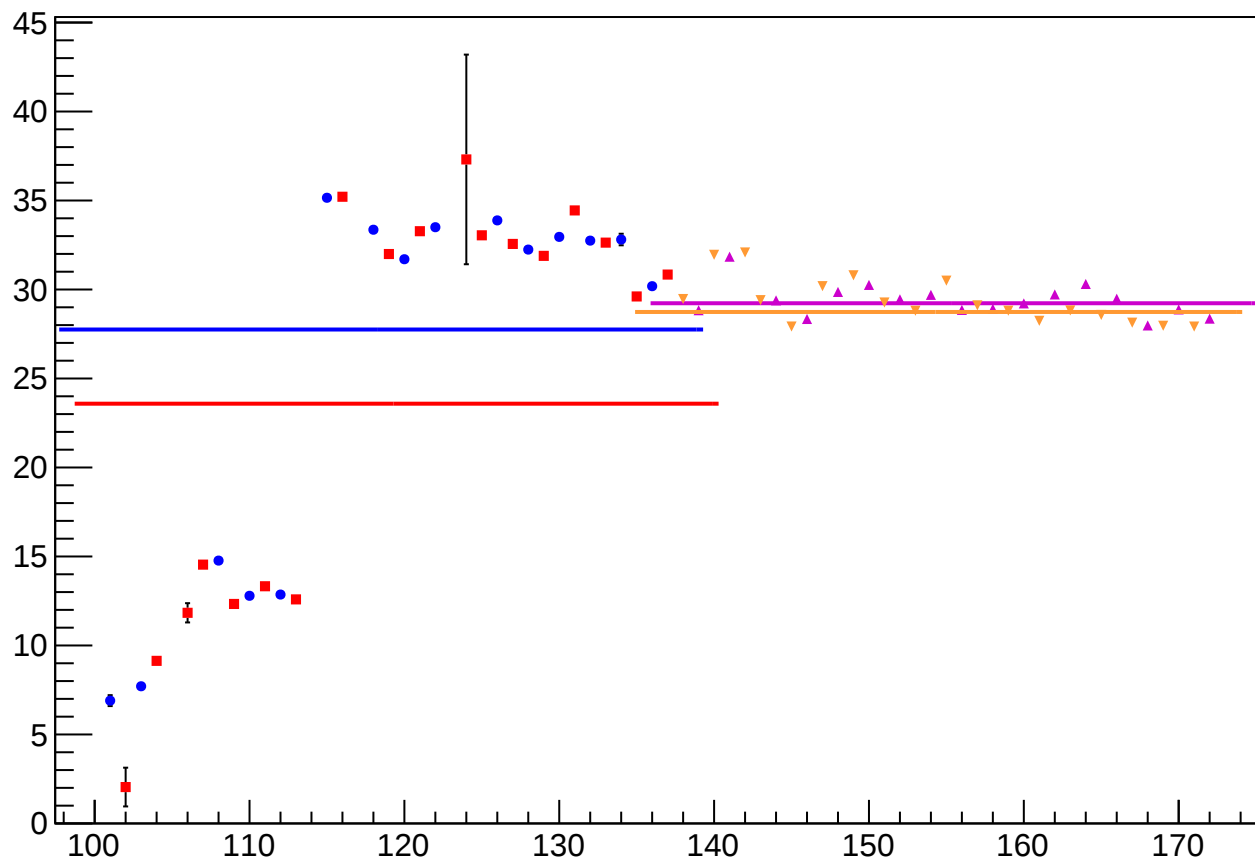
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.715+/-0.004 χ^2/NDF : 44142.7/31

Out: -6.272+/-0.004 χ^2/NDF : 79619.0/35

All: -6.505+/-0.003 χ^2/NDF : 128996.1/67

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.738 $\pm$ 0.009 χ^2/NDF : 12817.5/17

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.228 $\pm$ 0.009 χ^2/NDF : 6679.4/16

Left: 28.988 $\pm$ 0.006 χ^2/NDF : 20954.6/34

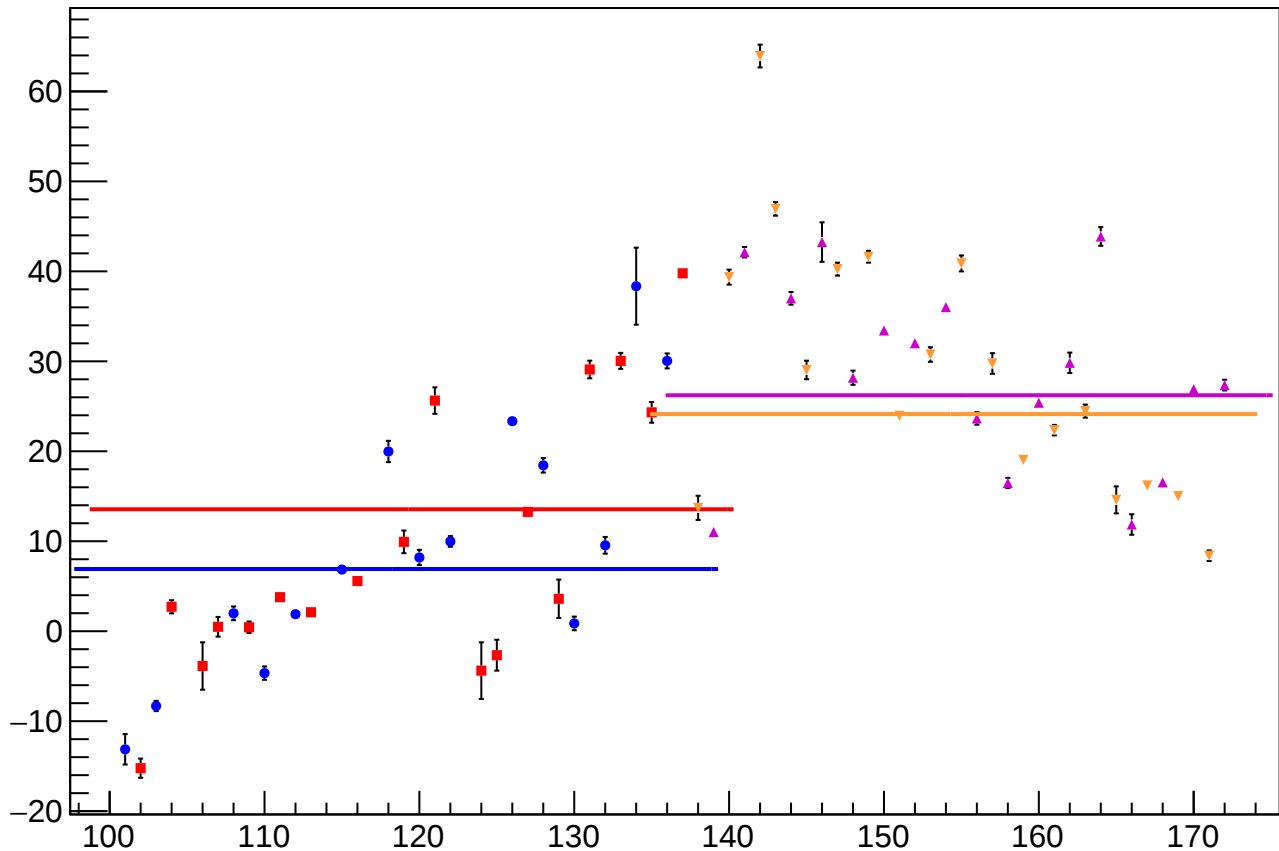
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.839 $\pm$ 0.008 χ^2/NDF : 346702.8/31

Out: 27.147 $\pm$ 0.008 χ^2/NDF : 650035.8/35

All: 27.983 $\pm$ 0.005 χ^2/NDF : 1021107.1/67

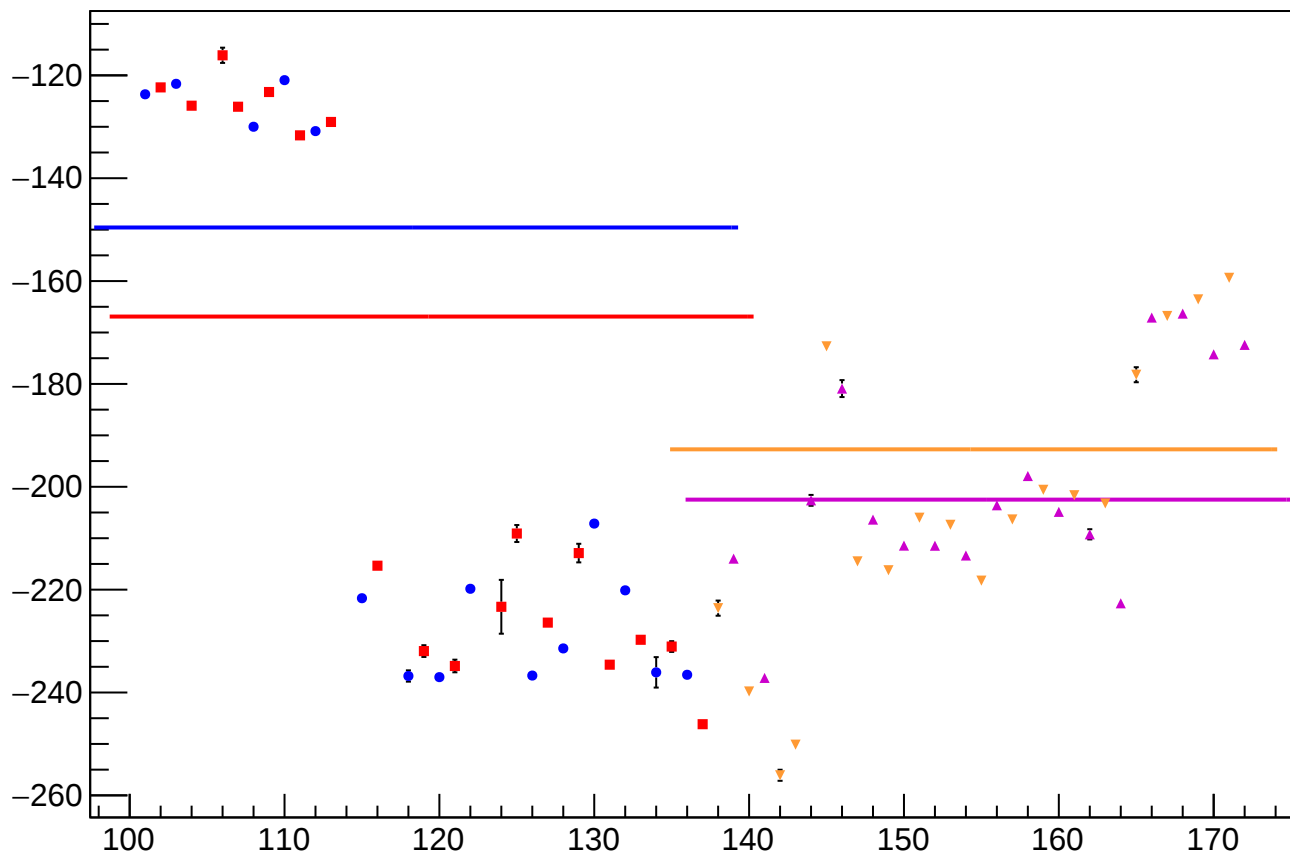
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 24.136 ± 0.152 $\chi^2/\text{NDF}: 5842.3/17$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.226 ± 0.127 $\chi^2/\text{NDF}: 5441.3/16$

Left: 25.363 ± 0.098 $\chi^2/\text{NDF}: 11394.9/34$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.616 ± 0.103 $\chi^2/\text{NDF}: 16812.6/31$
 Out: 18.607 ± 0.105 $\chi^2/\text{NDF}: 20038.4/35$
 All: 19.119 ± 0.074 $\chi^2/\text{NDF}: 36898.0/67$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -192.718 ± 0.122 $\chi^2/\text{NDF}: 45360.6/17$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -202.496 ± 0.108 $\chi^2/\text{NDF}: 30095.9/16$

Left: -198.236 ± 0.081 $\chi^2/\text{NDF}: 79057.7/34$

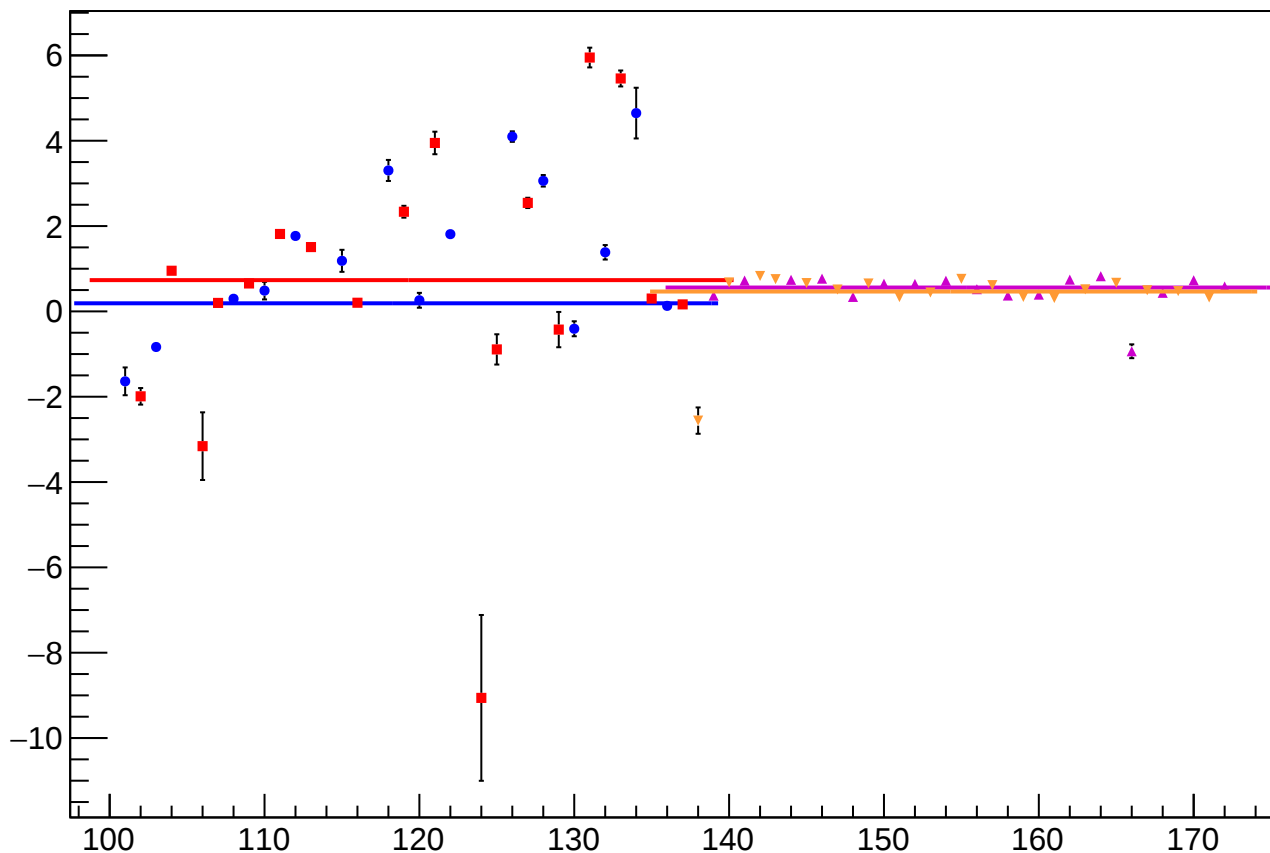
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.344 ± 0.074 $\chi^2/\text{NDF}: 353972.4/31$

Out: -177.306 ± 0.078 $\chi^2/\text{NDF}: 367405.5/35$

All: -175.744 ± 0.053 $\chi^2/\text{NDF}: 722143.7/67$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.466 $\pm$ 0.002 χ^2 /NDF:4247.5/17

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5289.6/16

Left: 0.516 $\pm$ 0.002 χ^2 /NDF: 10379.0/34

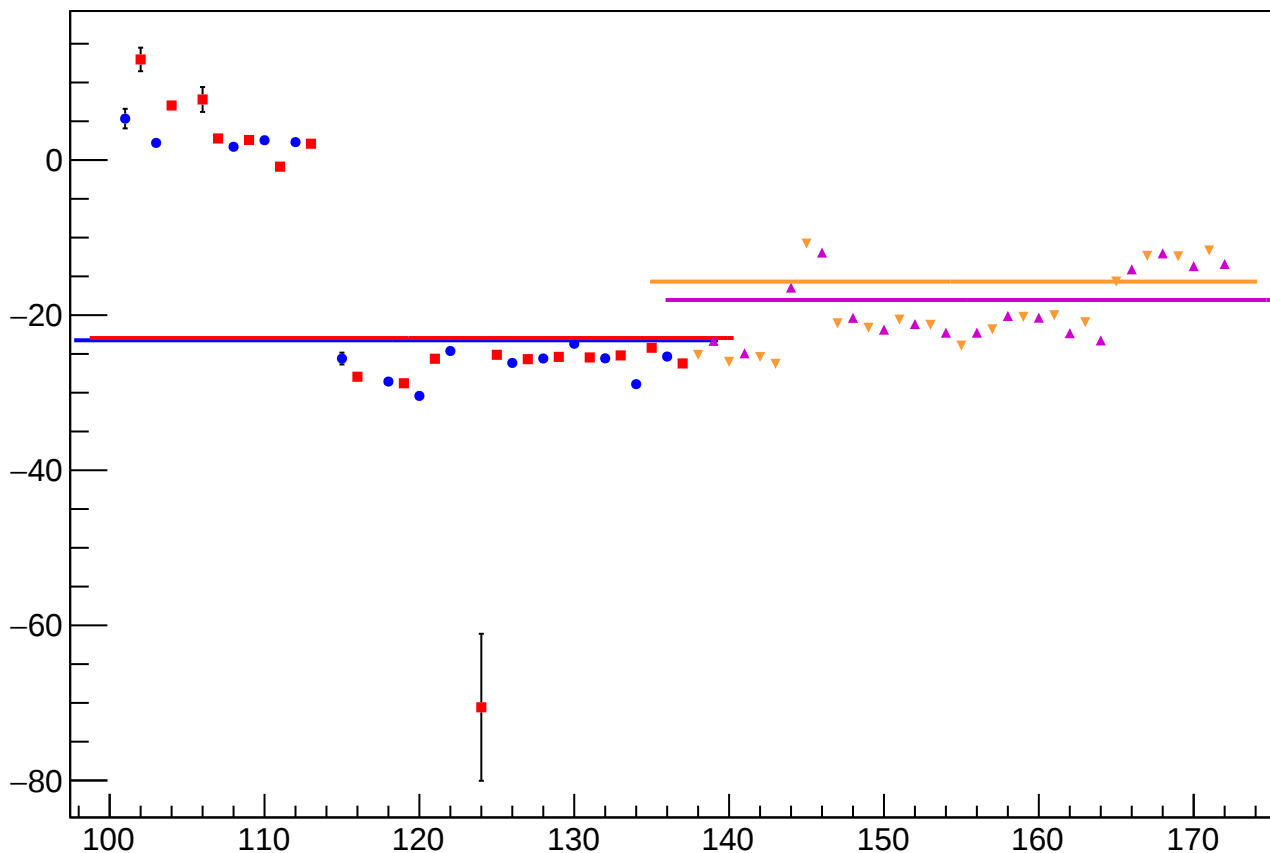
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.537 $\pm$ 0.002 χ^2 /NDF:9746.0/31

Out: 0.469 $\pm$ 0.002 χ^2 /NDF:7094.8/35

All: 0.507 $\pm$ 0.002 χ^2 /NDF: 17295.7/67

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.676 ± 0.012 $\chi^2/\text{NDF}: 175938.4/17$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.045 ± 0.012 $\chi^2/\text{NDF}: 106573.9/16$

Left: -16.818 ± 0.009 $\chi^2/\text{NDF}: 301706.7/34$

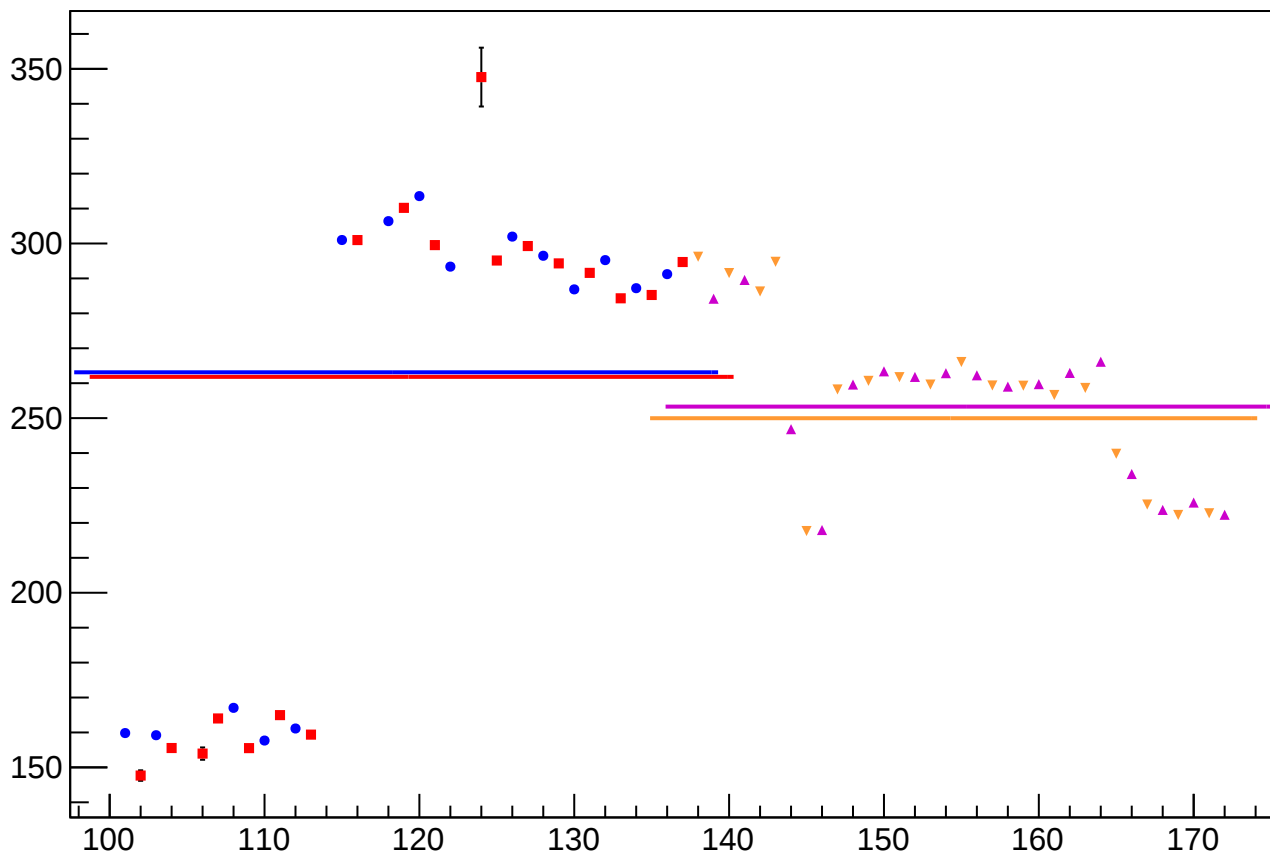
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.075 ± 0.011 $\chi^2/\text{NDF}: 244974.8/31$

Out: -17.043 ± 0.011 $\chi^2/\text{NDF}: 354485.0/35$

All: -18.029 ± 0.008 $\chi^2/\text{NDF}: 616949.6/67$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 249.973 $\pm$ 0.031 χ^2 /NDF: 576155.4/17

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 253.296 $\pm$ 0.029 χ^2 /NDF: 322722.0/16

Left: 251.738 $\pm$ 0.021 χ^2 /NDF: 904978.6/34

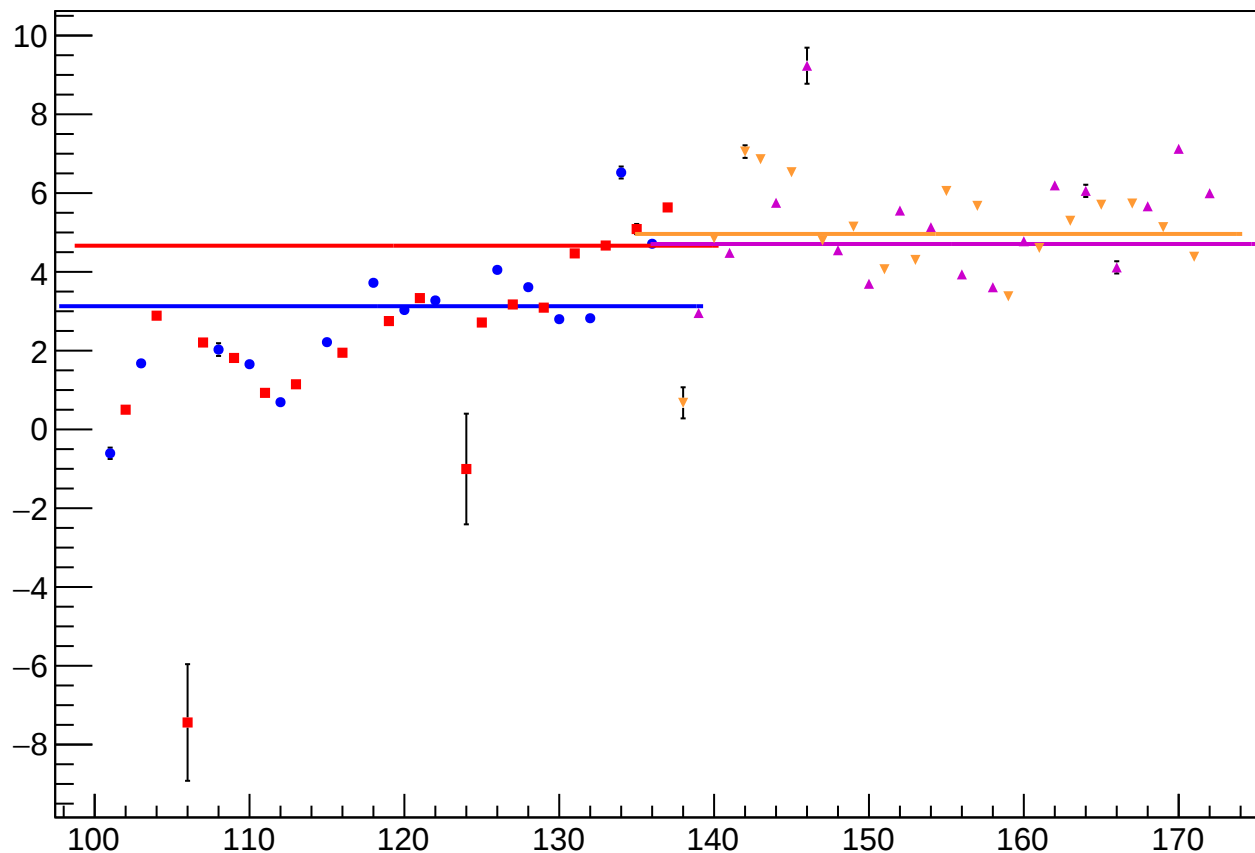
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 254.780 $\pm$ 0.027 χ^2 /NDF: 1032781.5/31

Out: 252.440 $\pm$ 0.028 χ^2 /NDF: 1612732.6/35

All: 253.642 $\pm$ 0.019 χ^2 /NDF: 2649208.0/67

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.963 ± 0.015 $\chi^2/\text{NDF}: 2400.9/17$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.708 ± 0.014 $\chi^2/\text{NDF}: 8653.0/16$

Left: 4.825 ± 0.010 $\chi^2/\text{NDF}: 11207.0/34$

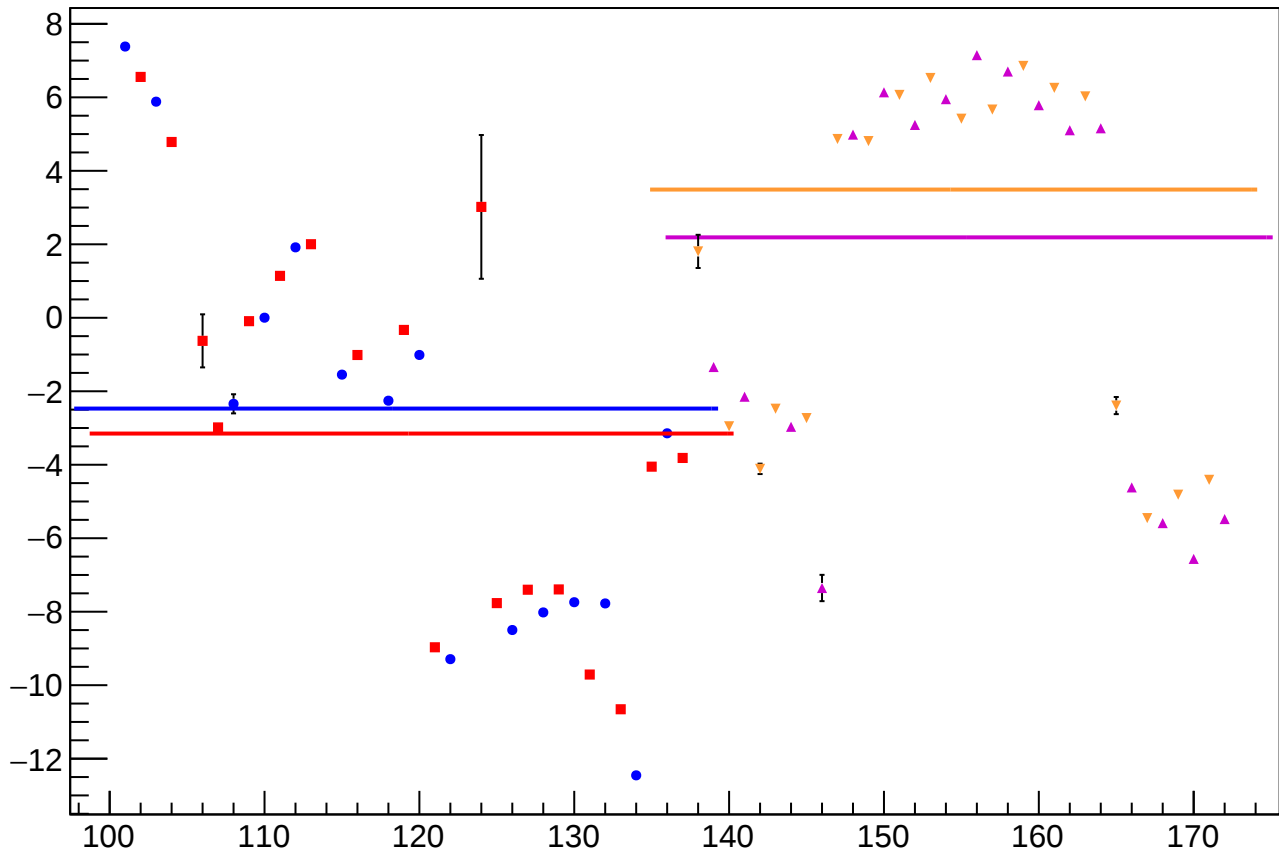
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.013 ± 0.010 $\chi^2/\text{NDF}: 19945.2/31$

Out: 4.709 ± 0.006 $\chi^2/\text{NDF}: 69592.3/35$

All: 4.542 ± 0.005 $\chi^2/\text{NDF}: 92912.2/67$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.490 ± 0.013 $\chi^2/\text{NDF}: 100763.9/17$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.189 ± 0.012 $\chi^2/\text{NDF}: 178898.0/16$

Left: 2.807 ± 0.009 $\chi^2/\text{NDF}: 285223.1/34$

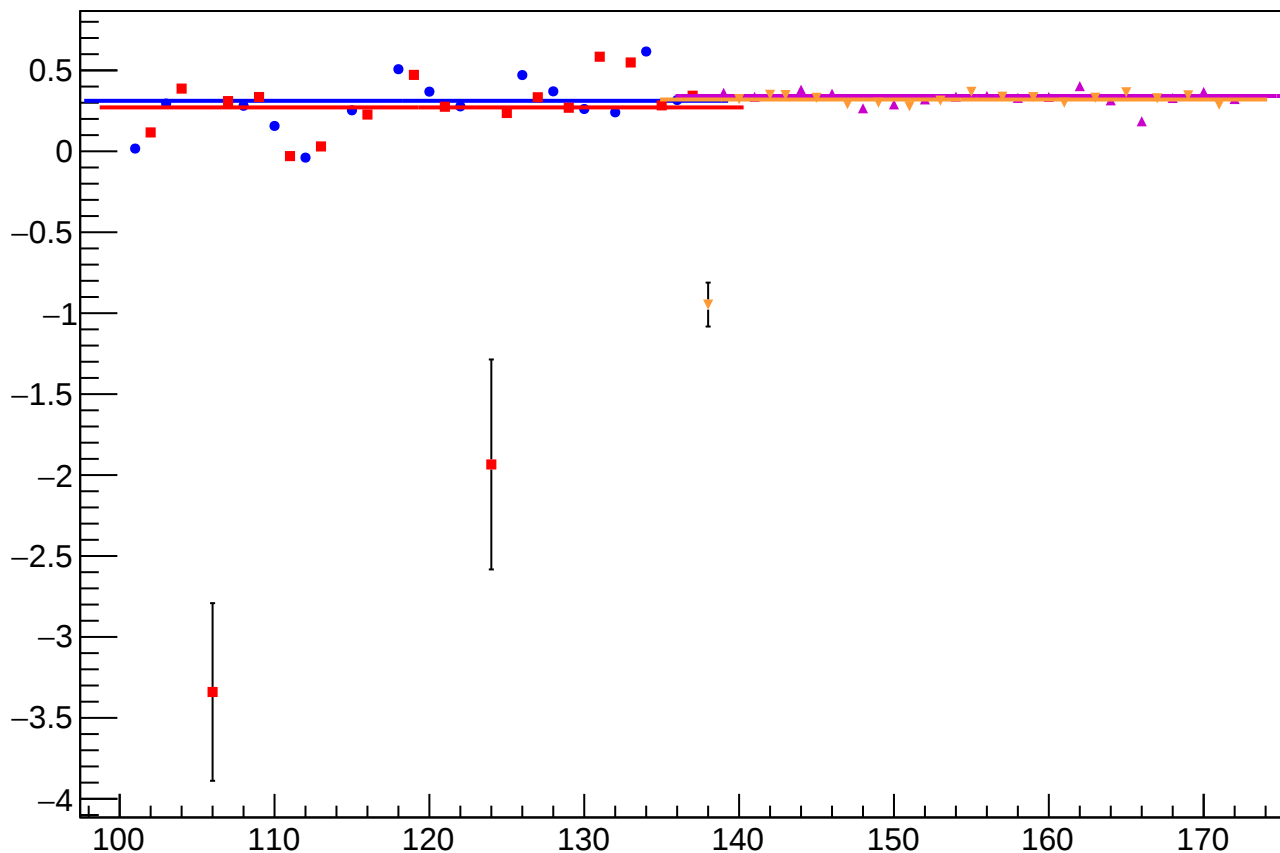
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.227 ± 0.009 $\chi^2/\text{NDF}: 484656.1/31$

Out: -1.444 ± 0.006 $\chi^2/\text{NDF}: 553343.6/35$

All: -0.895 ± 0.005 $\chi^2/\text{NDF}: 1060358.8/67$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1741.1/17$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.342 ± 0.001 $\chi^2/\text{NDF}: 3210.6/16$

Left: 0.331 ± 0.000 $\chi^2/\text{NDF}: 5607.0/34$

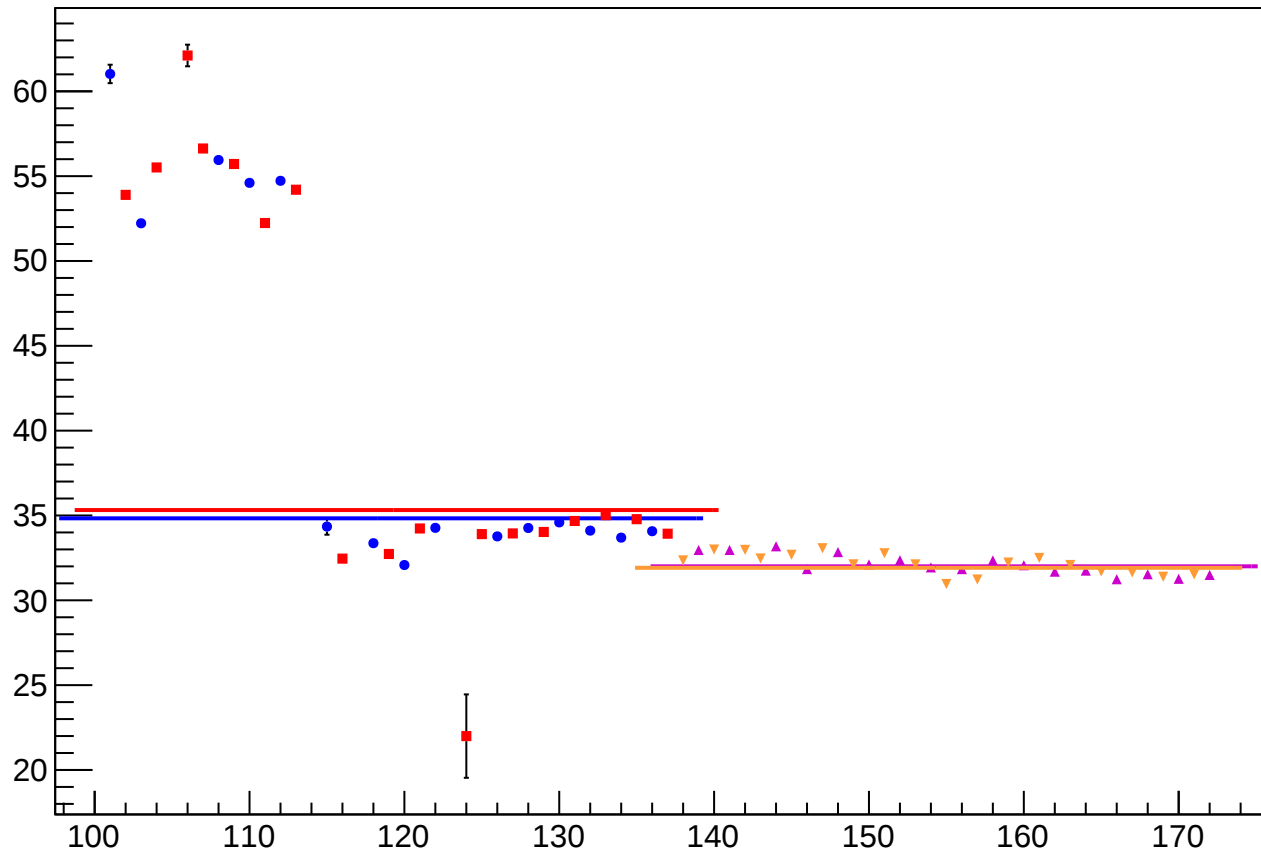
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4978.3/31$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8376.7/35$

All: 0.327 ± 0.000 $\chi^2/\text{NDF}: 14017.3/67$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 31.917 $\pm$ 0.003 χ^2/NDF : 20071.3/17

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 32.004 $\pm$ 0.004 χ^2/NDF : 13099.3/16

Left: 31.955 $\pm$ 0.003 χ^2/NDF : 33462.7/34

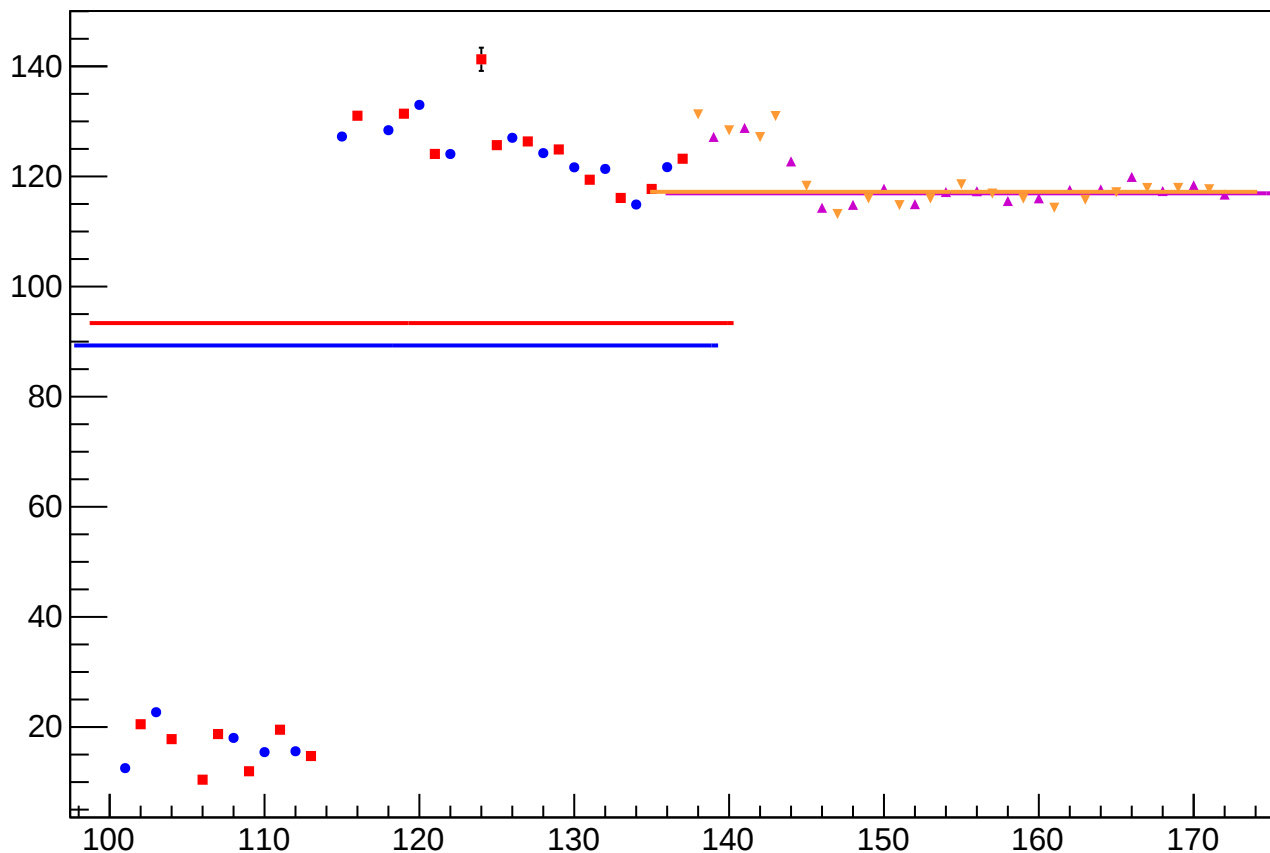
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 32.464 $\pm$ 0.003 χ^2/NDF : 348757.7/31

Out: 32.268 $\pm$ 0.003 χ^2/NDF : 386366.9/35

All: 32.358 $\pm$ 0.002 χ^2/NDF : 736856.3/67

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.207 ± 0.008 $\chi^2/\text{NDF}: 123218.5/17$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.935 ± 0.009 $\chi^2/\text{NDF}: 43941.4/16$

Left: 117.081 ± 0.006 $\chi^2/\text{NDF}: 167666.2/34$

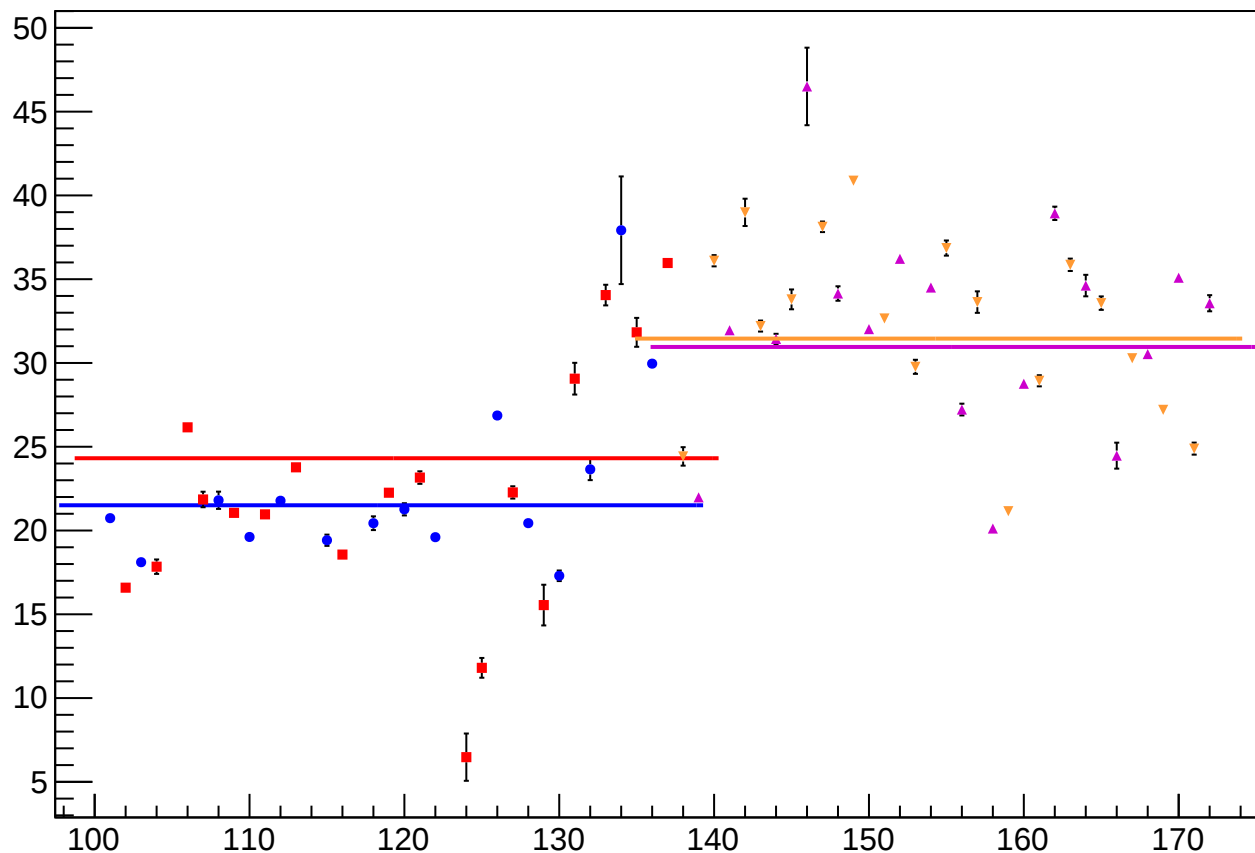
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.314 ± 0.008 $\chi^2/\text{NDF}: 3996485.9/31$

Out: 115.532 ± 0.008 $\chi^2/\text{NDF}: 3565126.5/35$

All: 114.961 ± 0.006 $\chi^2/\text{NDF}: 7572652.2/67$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 31.455 ± 0.080 χ^2/NDF : 4475.2/17

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 30.956 ± 0.068 χ^2/NDF : 5493.2/16

Left: 31.164 ± 0.052 χ^2/NDF : 9991.1/34

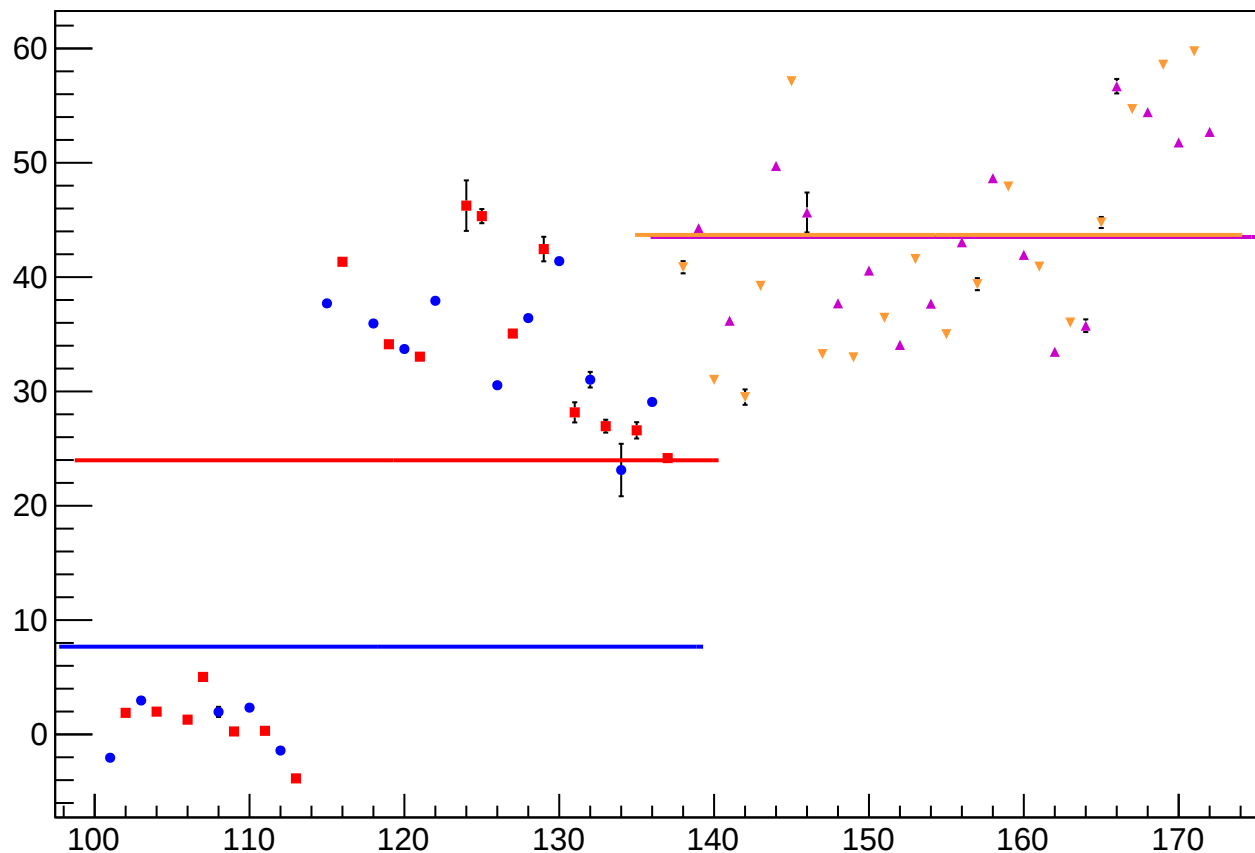
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 26.553 ± 0.049 χ^2/NDF : 17572.4/31

Out: 26.800 ± 0.047 χ^2/NDF : 23963.7/35

All: 26.682 ± 0.034 χ^2/NDF : 41549.2/67

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 43.691 ± 0.067 $\chi^2/\text{NDF}: 20763.9/17$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 43.512 ± 0.056 $\chi^2/\text{NDF}: 13022.7/16$

Left: 43.587 ± 0.043 $\chi^2/\text{NDF}: 33790.9/34$

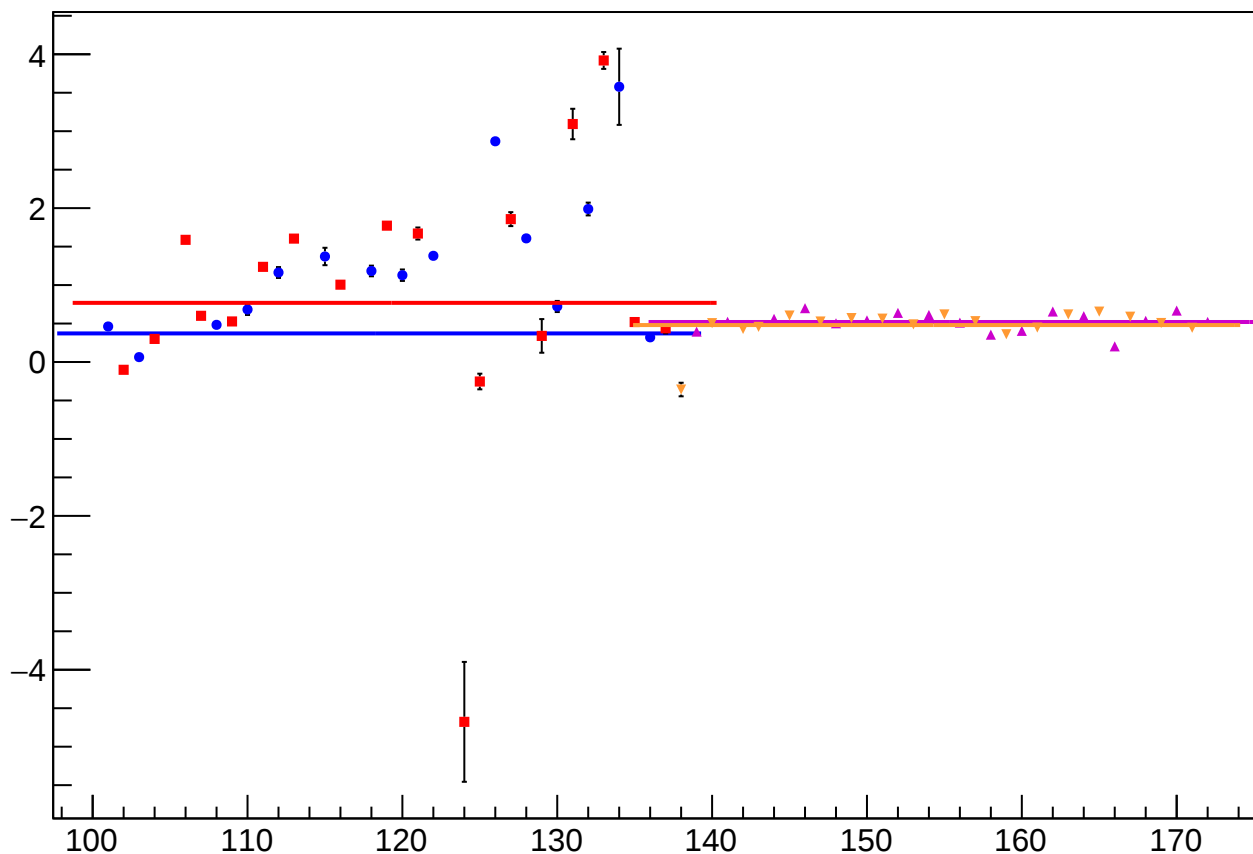
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 21.682 ± 0.035 $\chi^2/\text{NDF}: 354787.9/31$

Out: 24.271 ± 0.008 $\chi^2/\text{NDF}: 217814.4/35$

All: 24.141 ± 0.008 $\chi^2/\text{NDF}: 577707.5/67$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.480 ± 0.001 $\chi^2/\text{NDF}: 6556.8/17$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.520 ± 0.001 $\chi^2/\text{NDF}: 10506.9/16$

Left: 0.501 ± 0.001 $\chi^2/\text{NDF}: 17721.3/34$

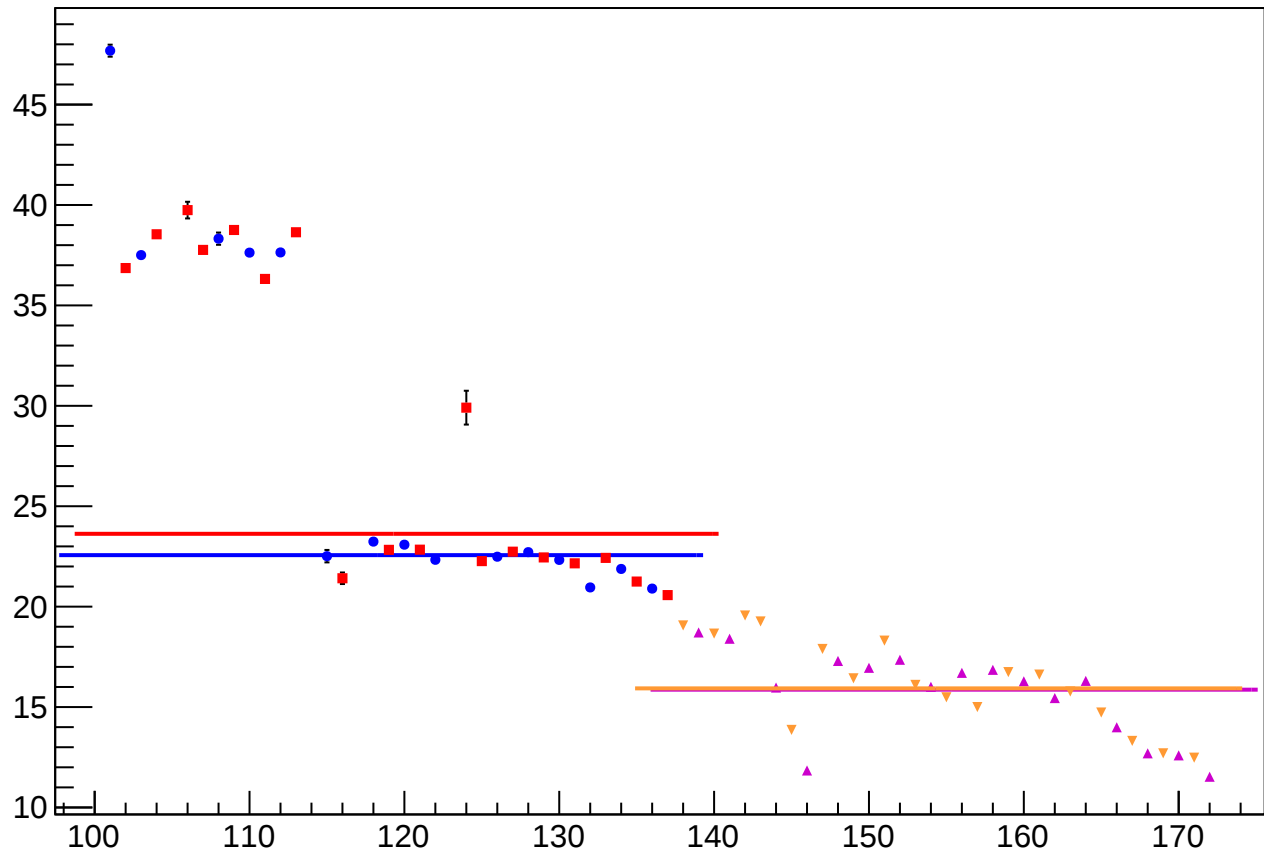
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.512 ± 0.001 $\chi^2/\text{NDF}: 16349.9/31$

Out: 0.488 ± 0.001 $\chi^2/\text{NDF}: 12381.4/35$

All: 0.501 ± 0.001 $\chi^2/\text{NDF}: 28980.1/67$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.930 $\pm$ 0.006 χ^2 /NDF:147315.2/17

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.866 $\pm$ 0.007 χ^2 /NDF:78310.7/16

Left: 15.902 $\pm$ 0.005 χ^2 /NDF: 225675.2/34

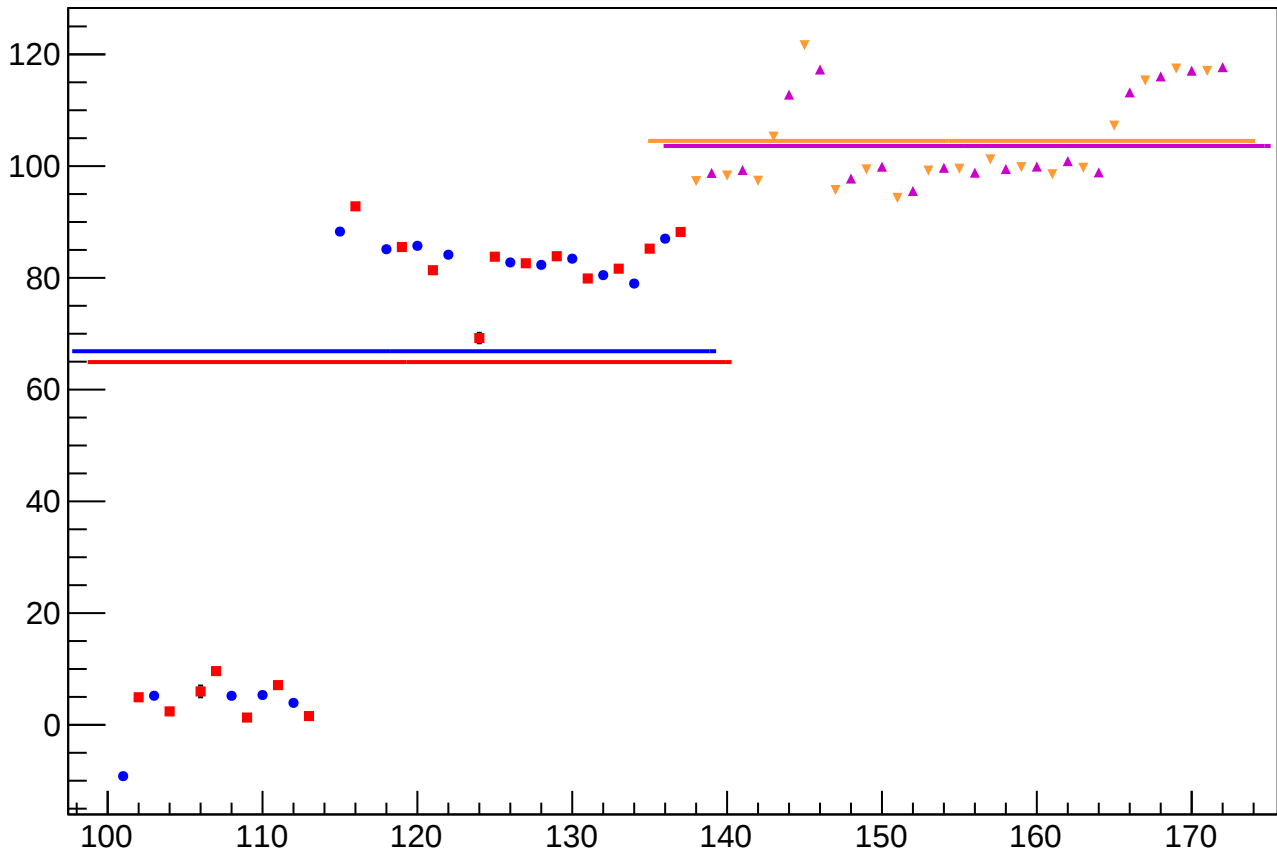
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 17.979 $\pm$ 0.006 χ^2 /NDF:467983.3/31

Out: 17.681 $\pm$ 0.005 χ^2 /NDF:633952.4/35

All: 17.820 $\pm$ 0.004 χ^2 /NDF: 1103390.0/67

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 104.512 ± 0.011 $\chi^2/\text{NDF}: 549420.3/17$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 103.604 ± 0.011 $\chi^2/\text{NDF}: 445486.9/16$

Left: 104.060 ± 0.008 $\chi^2/\text{NDF}: 998072.6/34$

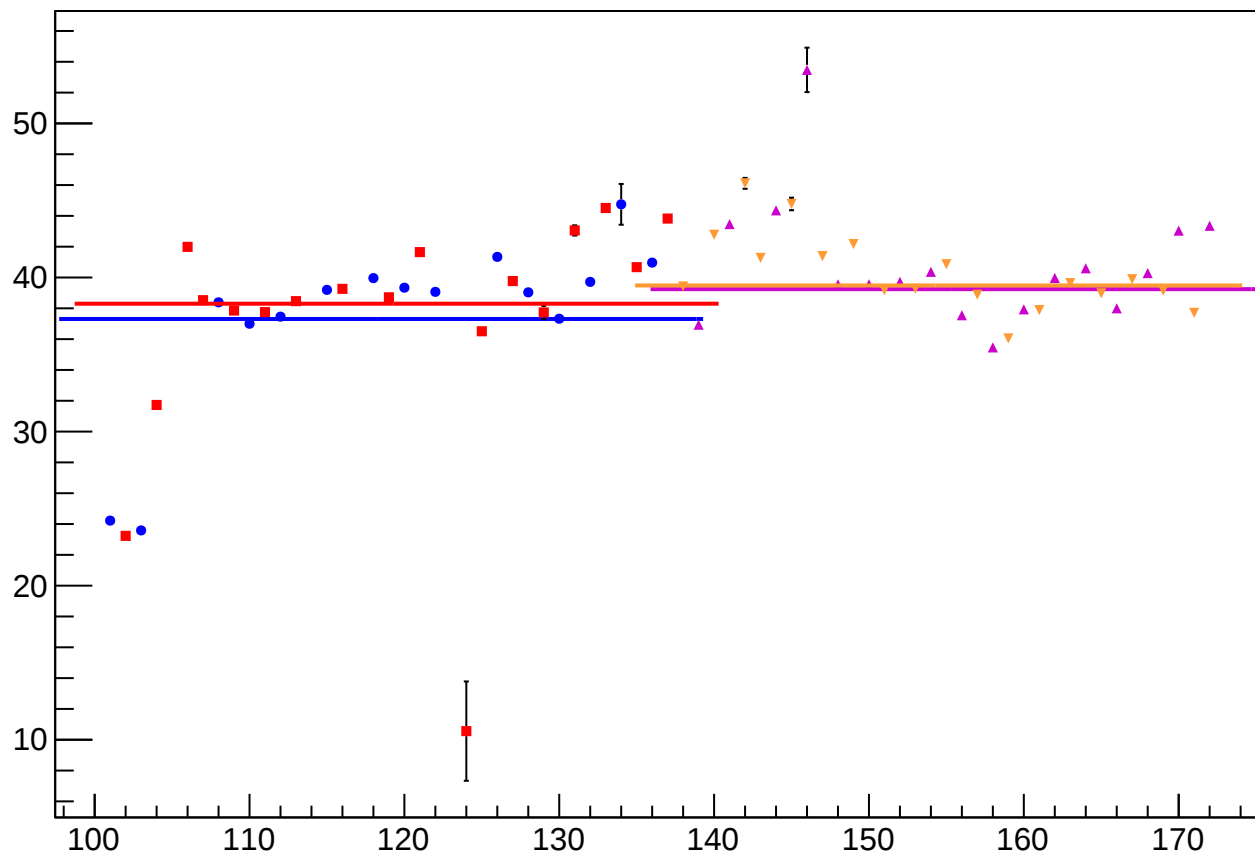
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 98.045 ± 0.011 $\chi^2/\text{NDF}: 3503964.2/31$

Out: 99.452 ± 0.011 $\chi^2/\text{NDF}: 3430262.9/35$

All: 98.741 ± 0.007 $\chi^2/\text{NDF}: 6943071.3/67$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.484 $\pm$ 0.032 χ^2 /NDF: 4024.2/17

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.244 $\pm$ 0.026 χ^2 /NDF: 7433.6/16

Left: 39.339 $\pm$ 0.020 χ^2 /NDF: 11490.8/34

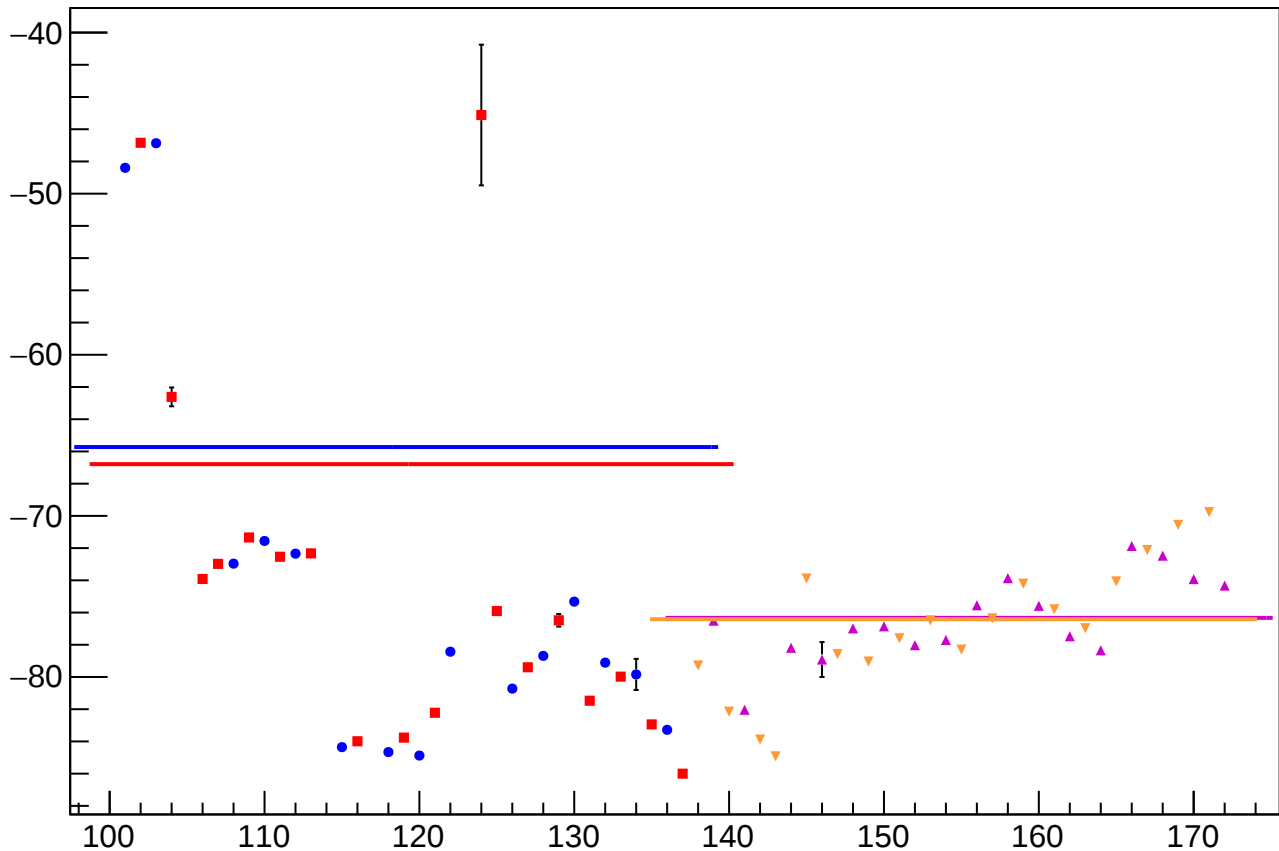
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 38.154 $\pm$ 0.017 χ^2 /NDF: 70088.8/31

Out: 38.638 $\pm$ 0.017 χ^2 /NDF: 23815.3/35

All: 38.396 $\pm$ 0.012 χ^2 /NDF: 94294.1/67

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.414 ± 0.027 $\chi^2/\text{NDF}: 21593.2/17$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.330 ± 0.021 $\chi^2/\text{NDF}: 8545.9/16$

Left: -76.362 ± 0.017 $\chi^2/\text{NDF}: 30145.3/34$

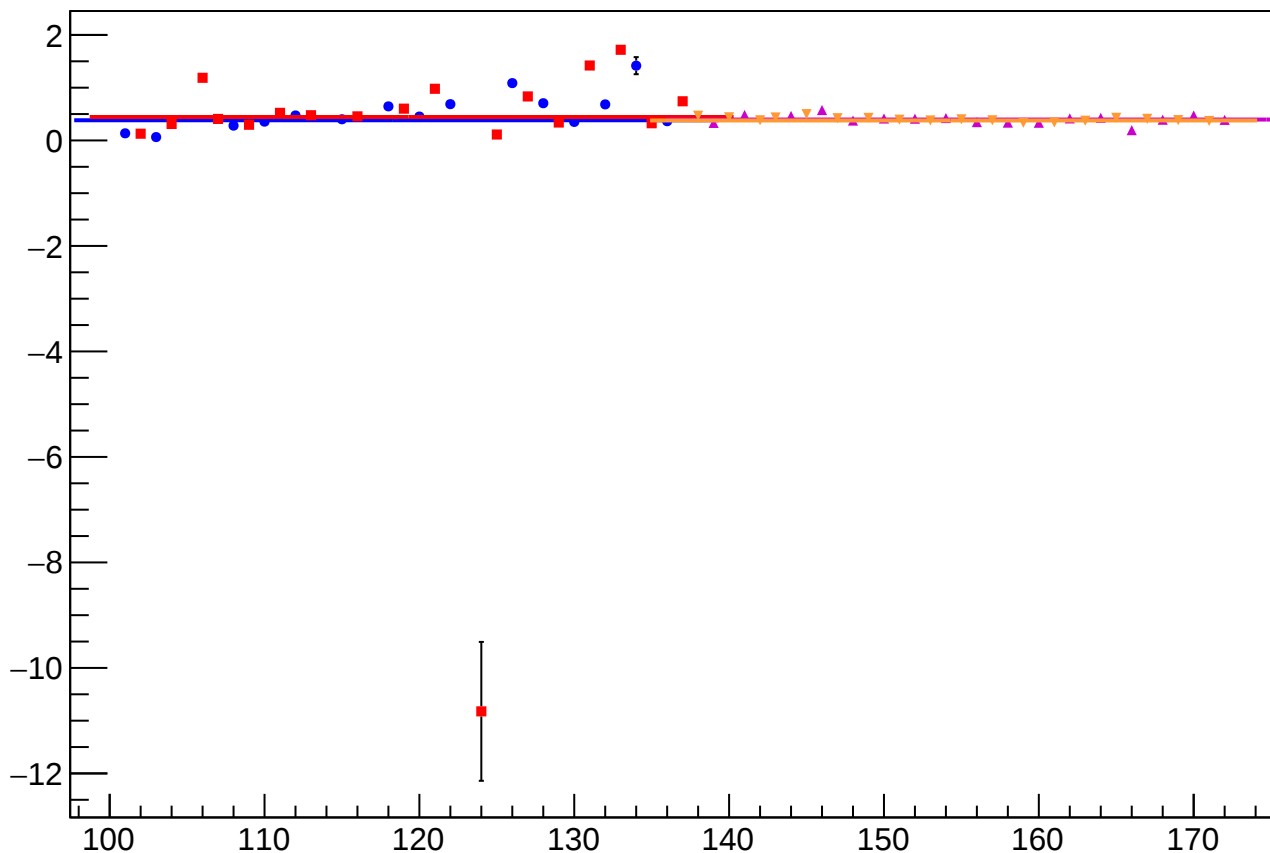
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.860 ± 0.013 $\chi^2/\text{NDF}: 1065916.4/31$

Out: -69.274 ± 0.014 $\chi^2/\text{NDF}: 926743.0/35$

All: -69.577 ± 0.009 $\chi^2/\text{NDF}: 1993615.3/67$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 5865.4/17

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7329.2/16

Left: 0.387 $\pm$ 0.000 χ^2 /NDF: 13780.0/34

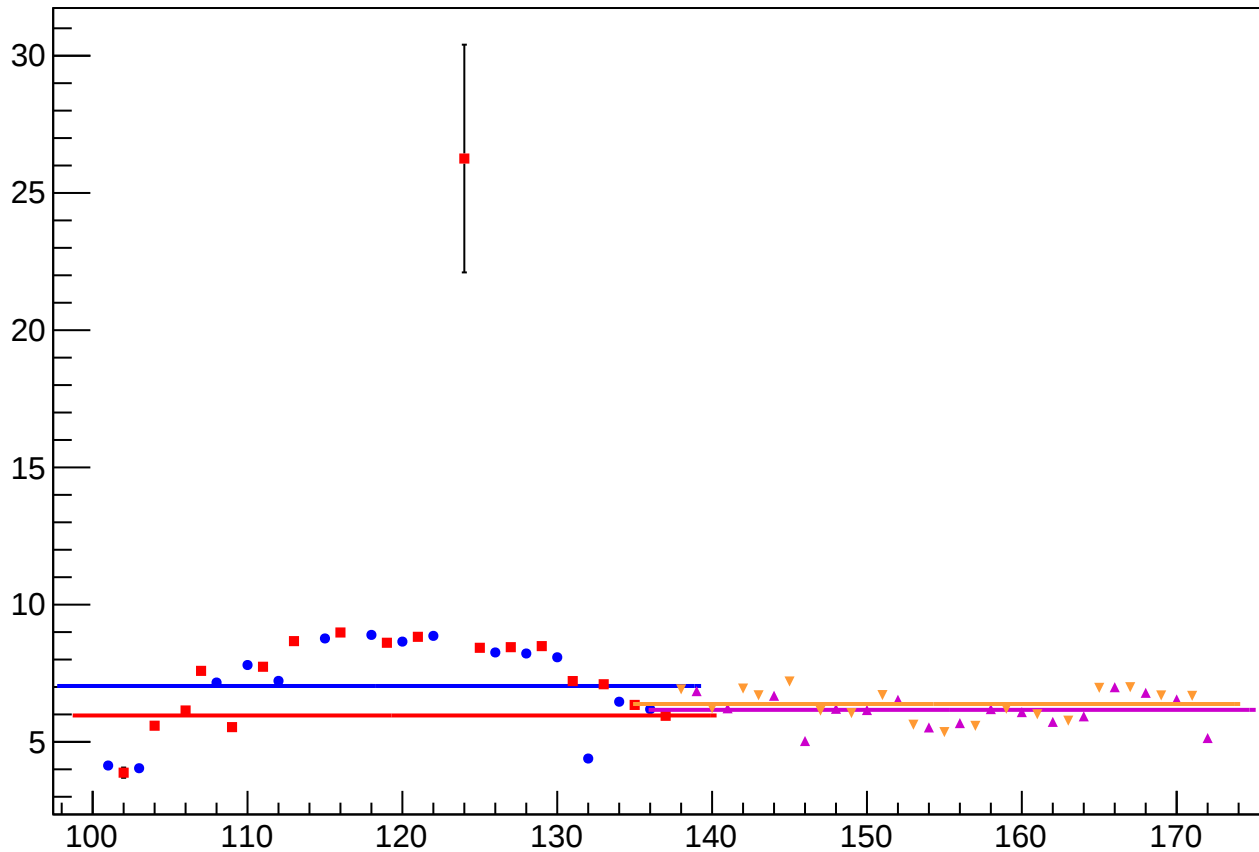
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.8/31

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8967.0/35

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 24986.8/67

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.380 ± 0.002 χ^2/NDF : 60854.3/17

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.167 ± 0.002 χ^2/NDF : 45220.8/16

Left: 6.269 ± 0.001 χ^2/NDF : 114700.8/34

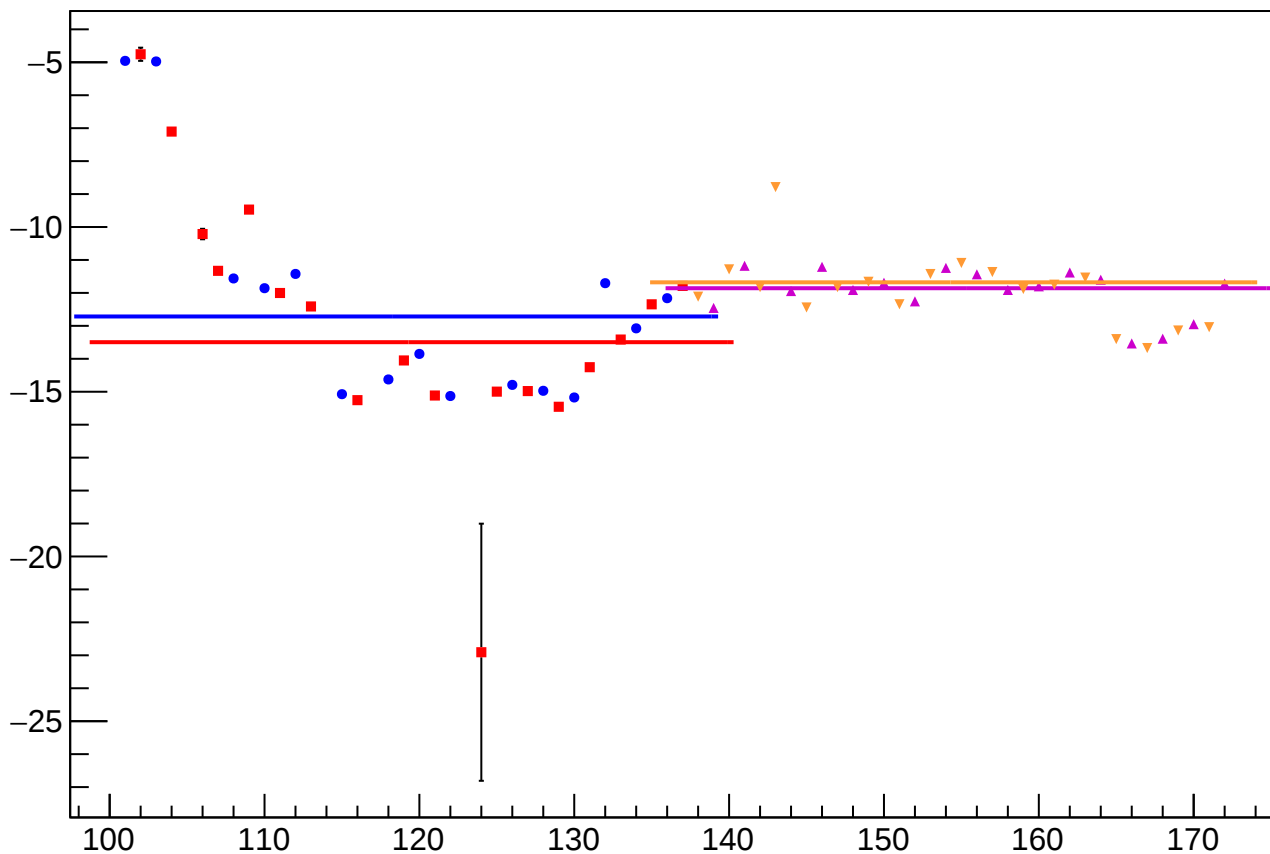
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.263 ± 0.002 χ^2/NDF : 148025.4/31

Out: 5.986 ± 0.000 χ^2/NDF : 289364.6/35

All: 6.004 ± 0.000 χ^2/NDF : 469123.9/67

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715±/0.006 χ^2/NDF : 85219.4/14

Left Out: -11.679±/0.002 χ^2/NDF :333120.2/17

Right Out: -13.496±/0.006 χ^2/NDF : 55753.8/17

Left In: -11.858±/0.002 χ^2/NDF :53606.1/16

Left: -11.769±/0.002 χ^2/NDF : 389932.4/34

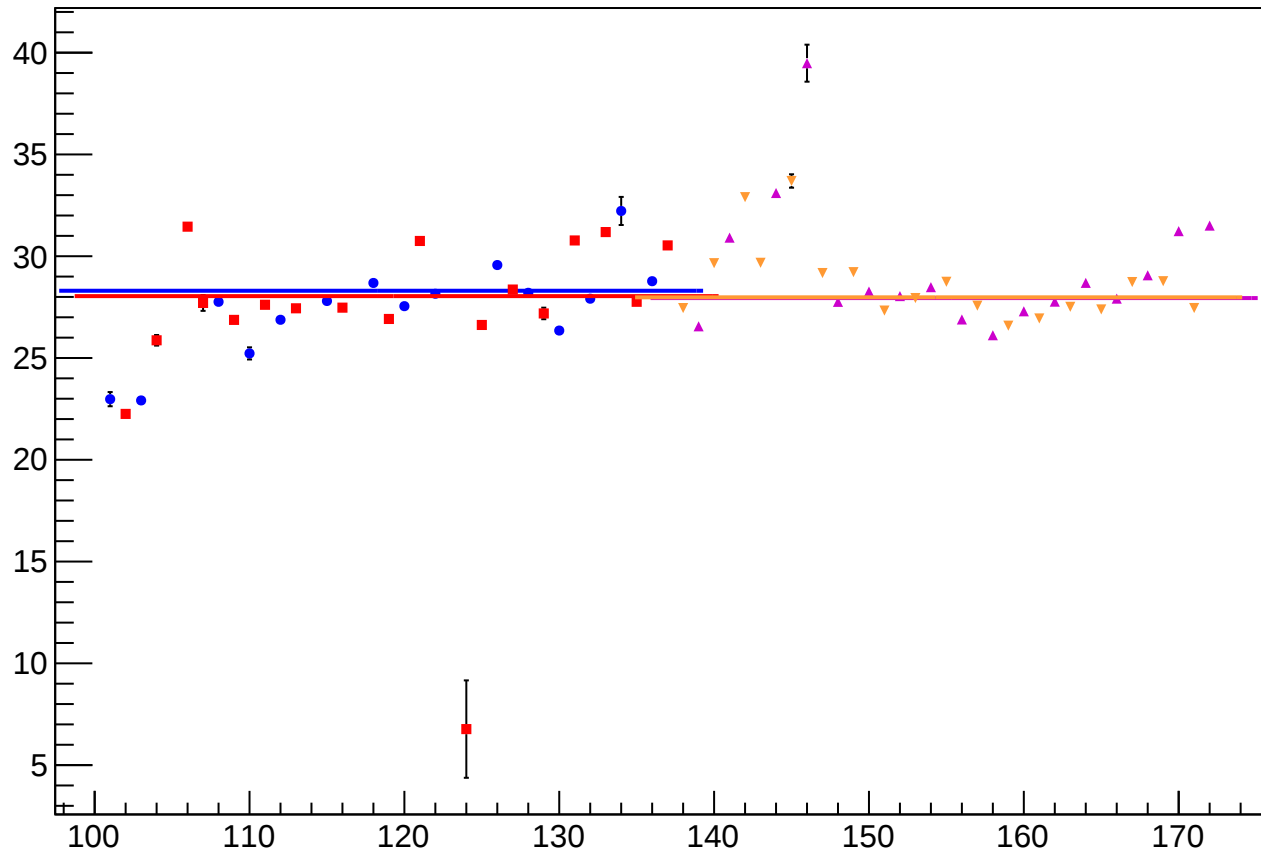
Right: -13.142±/0.004 χ^2/NDF : 149153.5/32

In: -11.951±/0.002 χ^2/NDF :154929.0/31

Out: -11.916±/0.002 χ^2/NDF :473897.7/35

All: -11.933±/0.001 χ^2/NDF : 628970.1/67

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.980 ± 0.020 $\chi^2/\text{NDF}: 3767.3/17$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.944 ± 0.016 $\chi^2/\text{NDF}: 7320.8/16$

Left: 27.959 ± 0.012 $\chi^2/\text{NDF}: 11090.2/34$

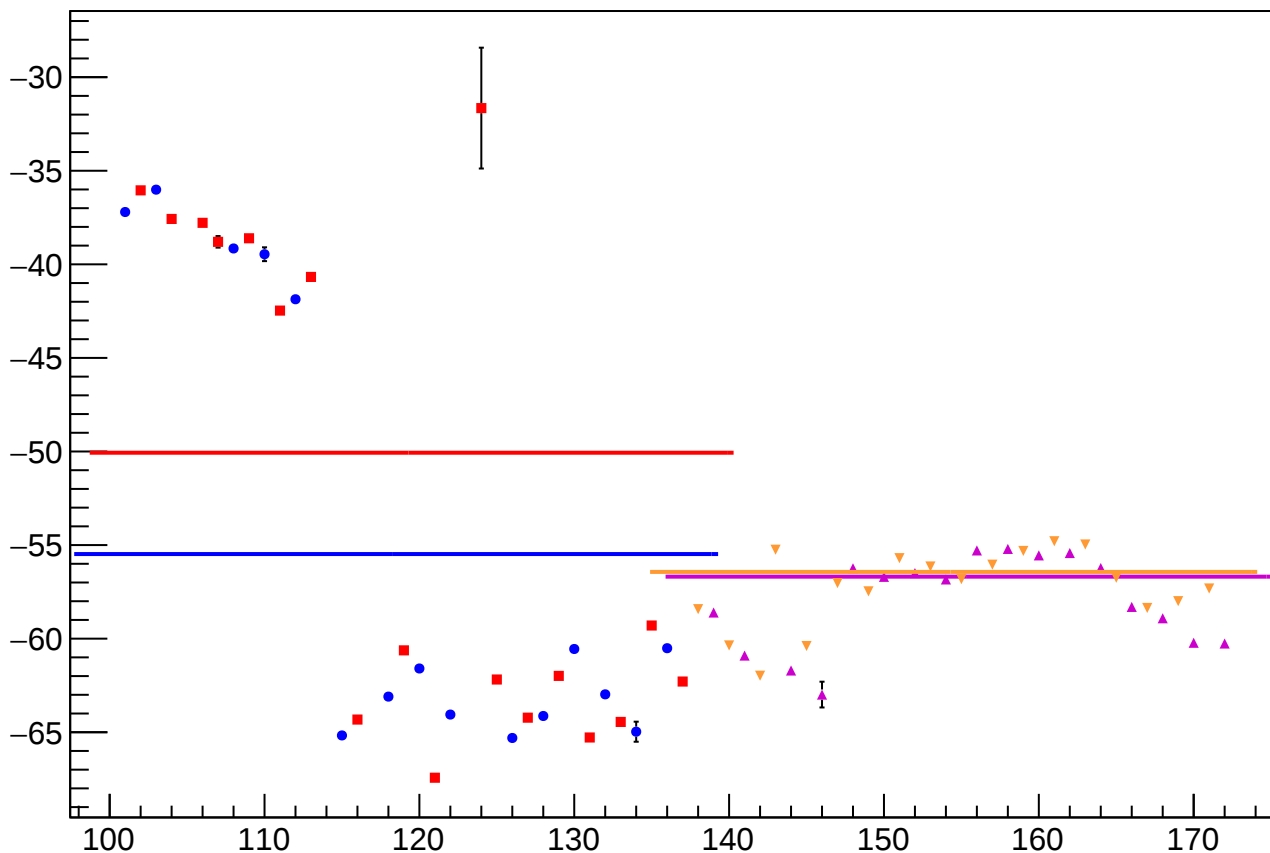
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.062 ± 0.013 $\chi^2/\text{NDF}: 10884.6/31$

Out: 27.998 ± 0.016 $\chi^2/\text{NDF}: 6331.4/35$

All: 28.037 ± 0.010 $\chi^2/\text{NDF}: 17225.2/67$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.433 $\pm$ 0.016 χ^2 /NDF: 8489.6/17

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.688 $\pm$ 0.014 χ^2 /NDF: 12839.2/16

Left: -56.584 $\pm$ 0.010 χ^2 /NDF: 21470.8/34

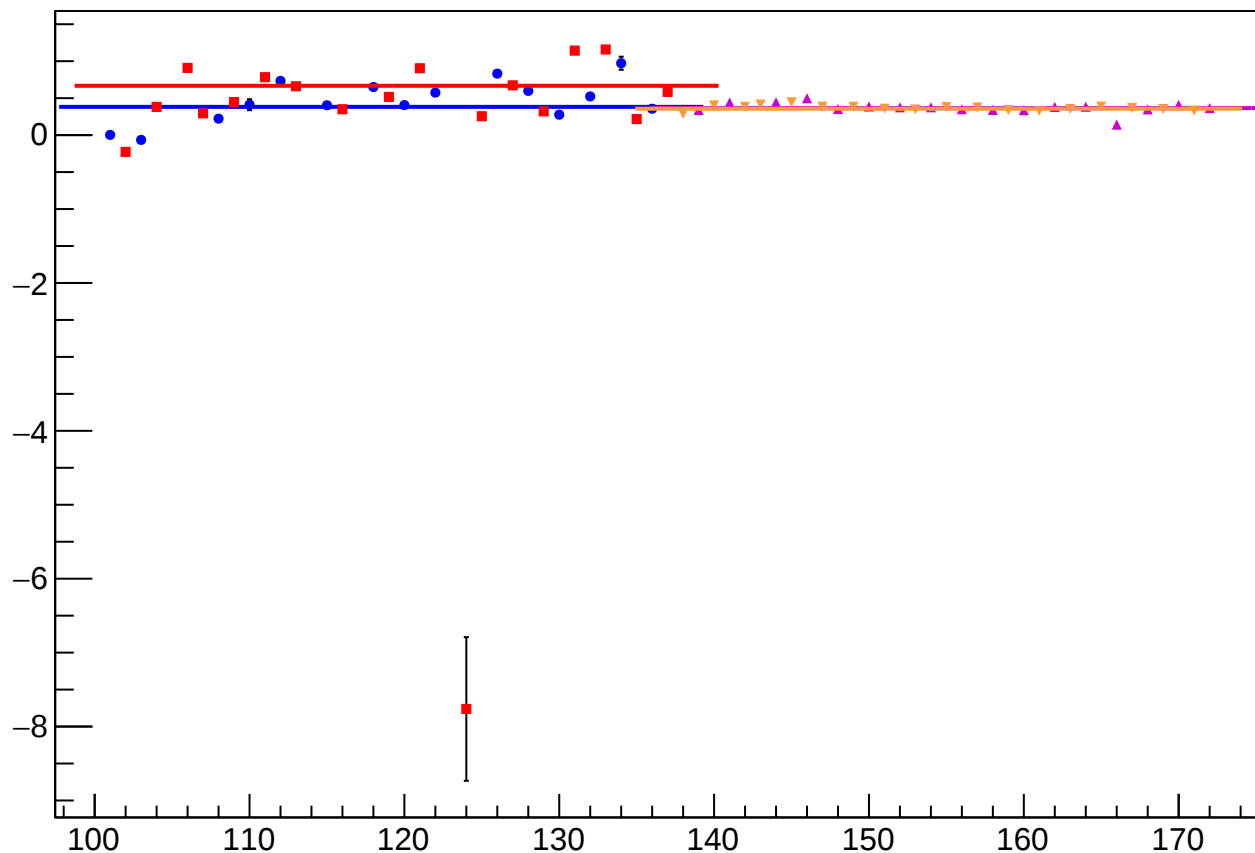
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.202 $\pm$ 0.011 χ^2 /NDF: 611156.9/31

Out: -54.295 $\pm$ 0.013 χ^2 /NDF: 398960.2/35

All: -55.476 $\pm$ 0.008 χ^2 /NDF: 1022648.0/67

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.357 $\pm$ 0.000 χ^2 /NDF:4624.0/17

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.365 $\pm$ 0.000 χ^2 /NDF:5637.4/16

Left: 0.361 $\pm$ 0.000 χ^2 /NDF: 10495.4/34

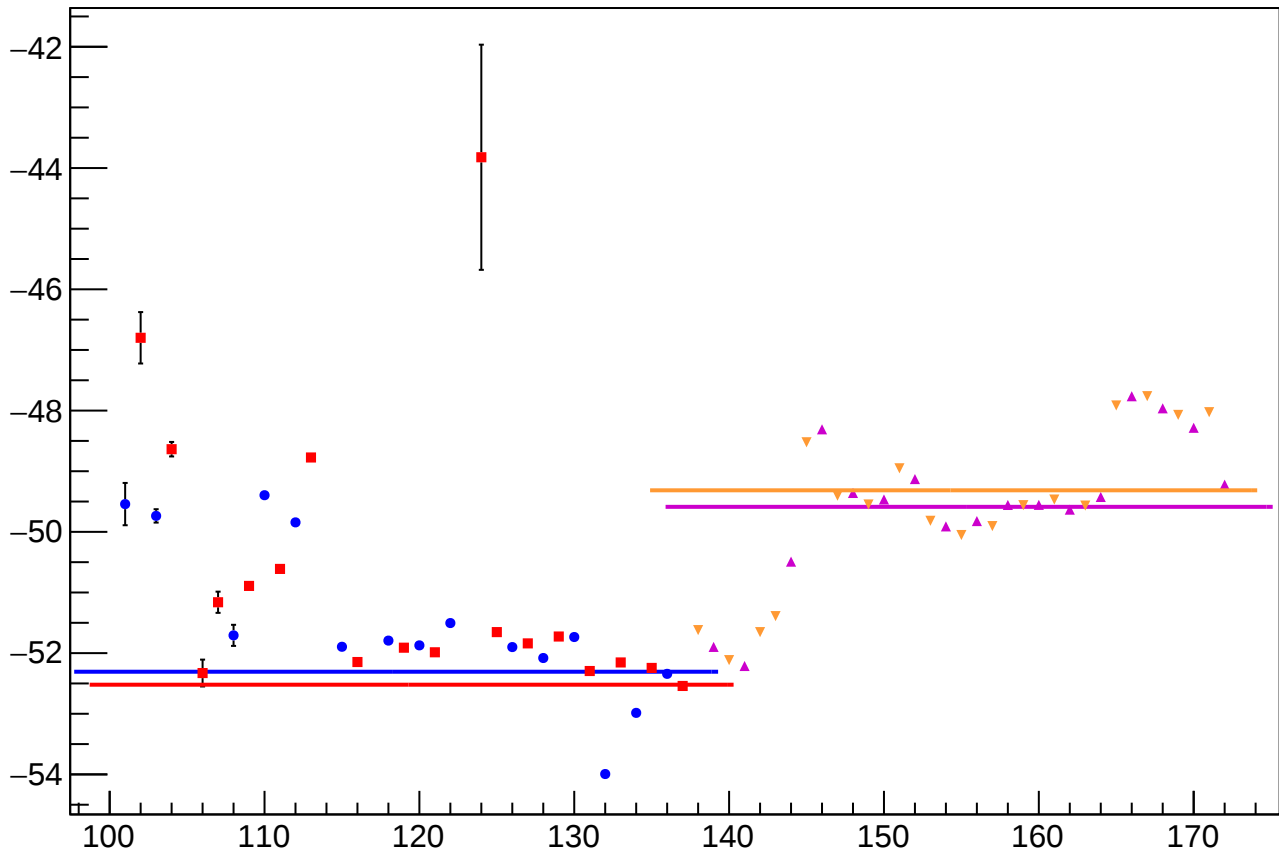
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.366 $\pm$ 0.000 χ^2 /NDF:10341.3/31

Out: 0.359 $\pm$ 0.000 χ^2 /NDF:12834.4/35

All: 0.363 $\pm$ 0.000 χ^2 /NDF: 23351.6/67

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.315 ± 0.001 χ^2/NDF : 499872.6/17

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.587 ± 0.001 χ^2/NDF : 387228.6/16

Left: -49.448 ± 0.001 χ^2/NDF : 904363.3/34

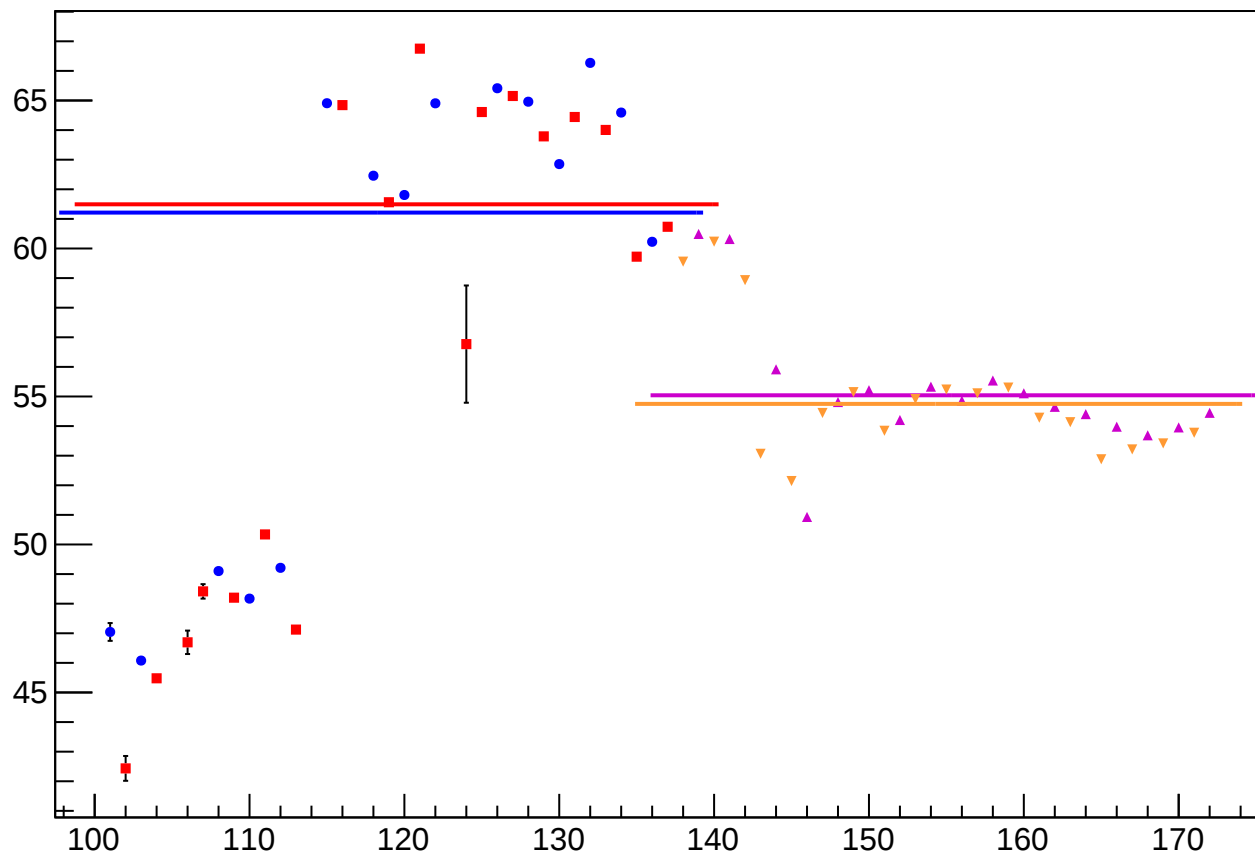
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.933 ± 0.001 χ^2/NDF : 841214.9/31

Out: -51.347 ± 0.001 χ^2/NDF : 3607263.0/35

All: -50.941 ± 0.001 χ^2/NDF : 5191893.1/67

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.750 $\pm$ 0.003 χ^2 /NDF: 247913.3/17

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.041 $\pm$ 0.003 χ^2 /NDF: 78071.6/16

Left: 54.910 $\pm$ 0.002 χ^2 /NDF: 330466.5/34

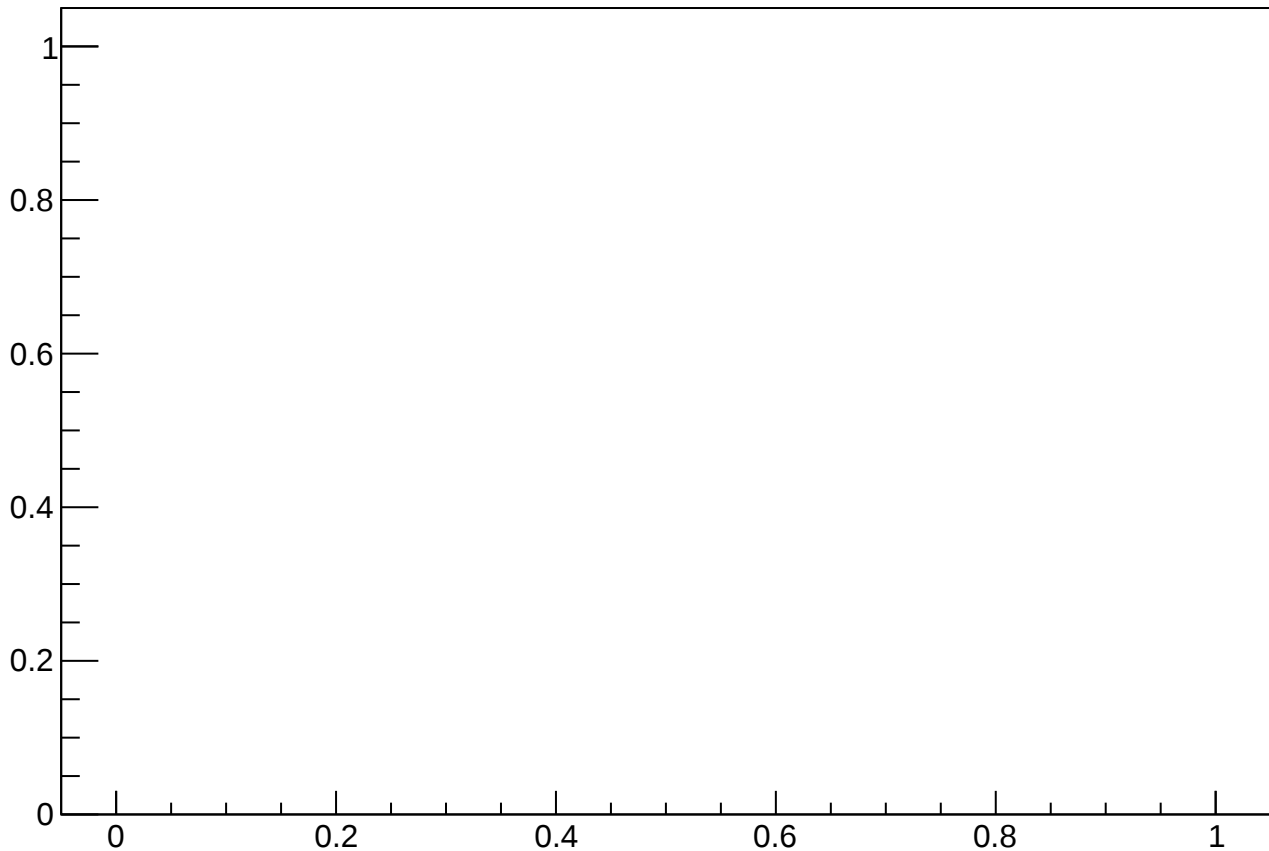
Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.529 $\pm$ 0.003 χ^2 /NDF: 590683.1/31

Out: 56.015 $\pm$ 0.003 χ^2 /NDF: 1310123.3/35

All: 55.762 $\pm$ 0.002 χ^2 /NDF: 1915333.3/67

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

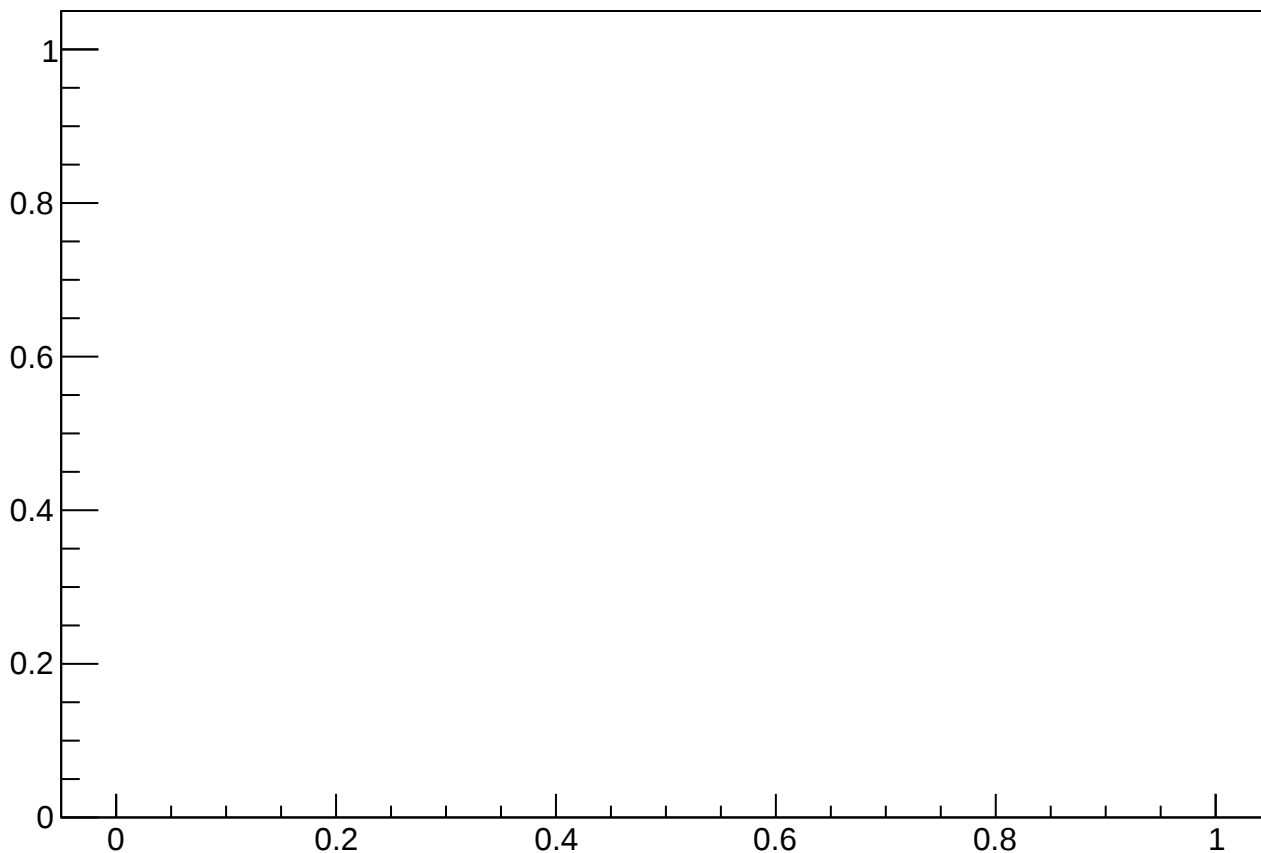
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

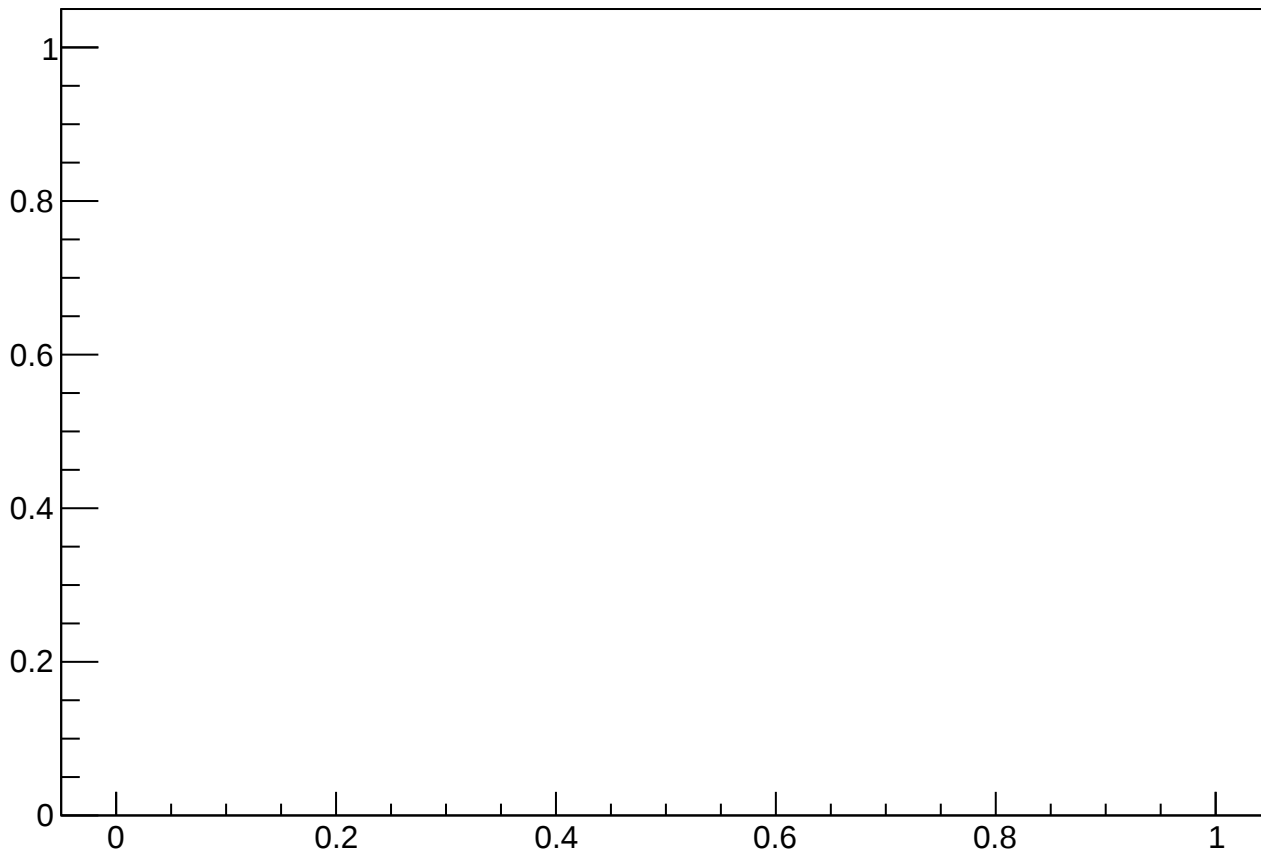
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

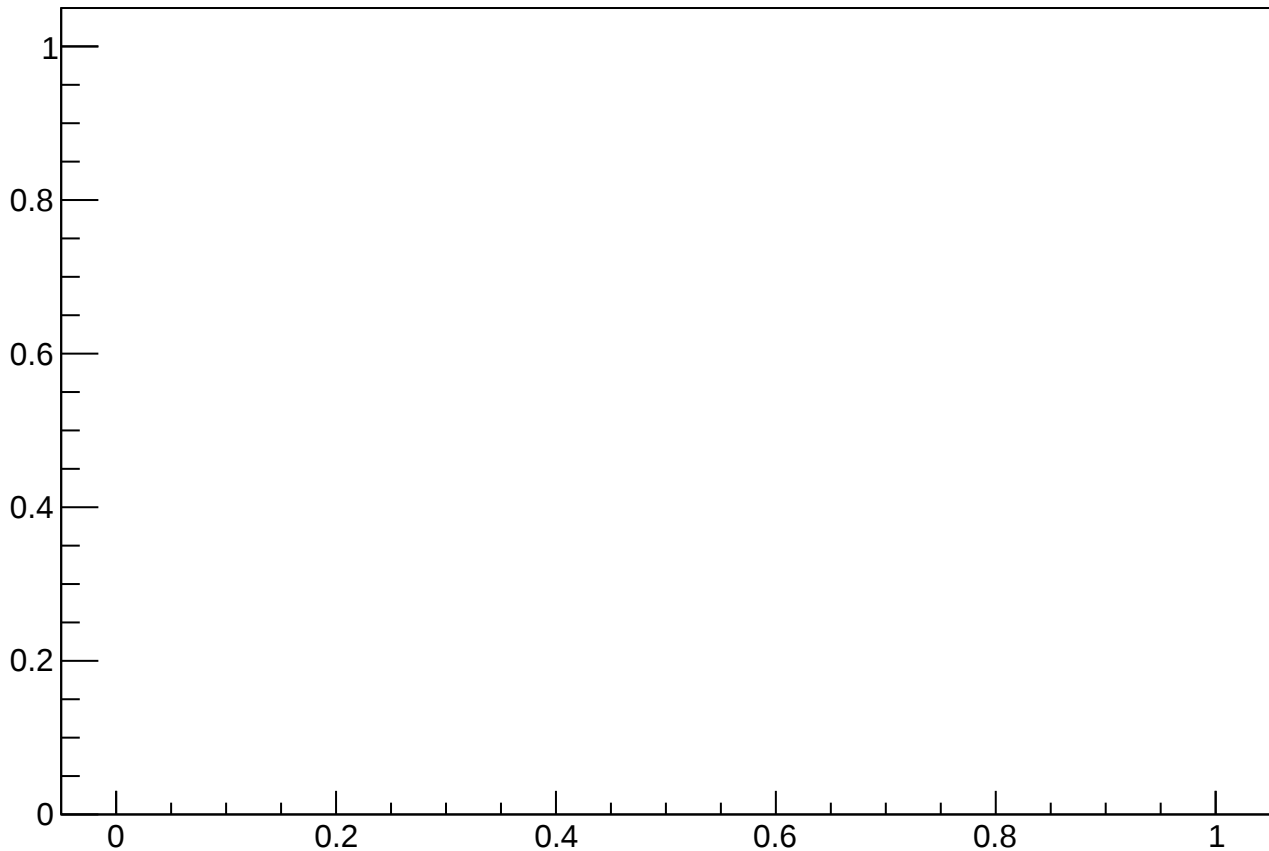
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

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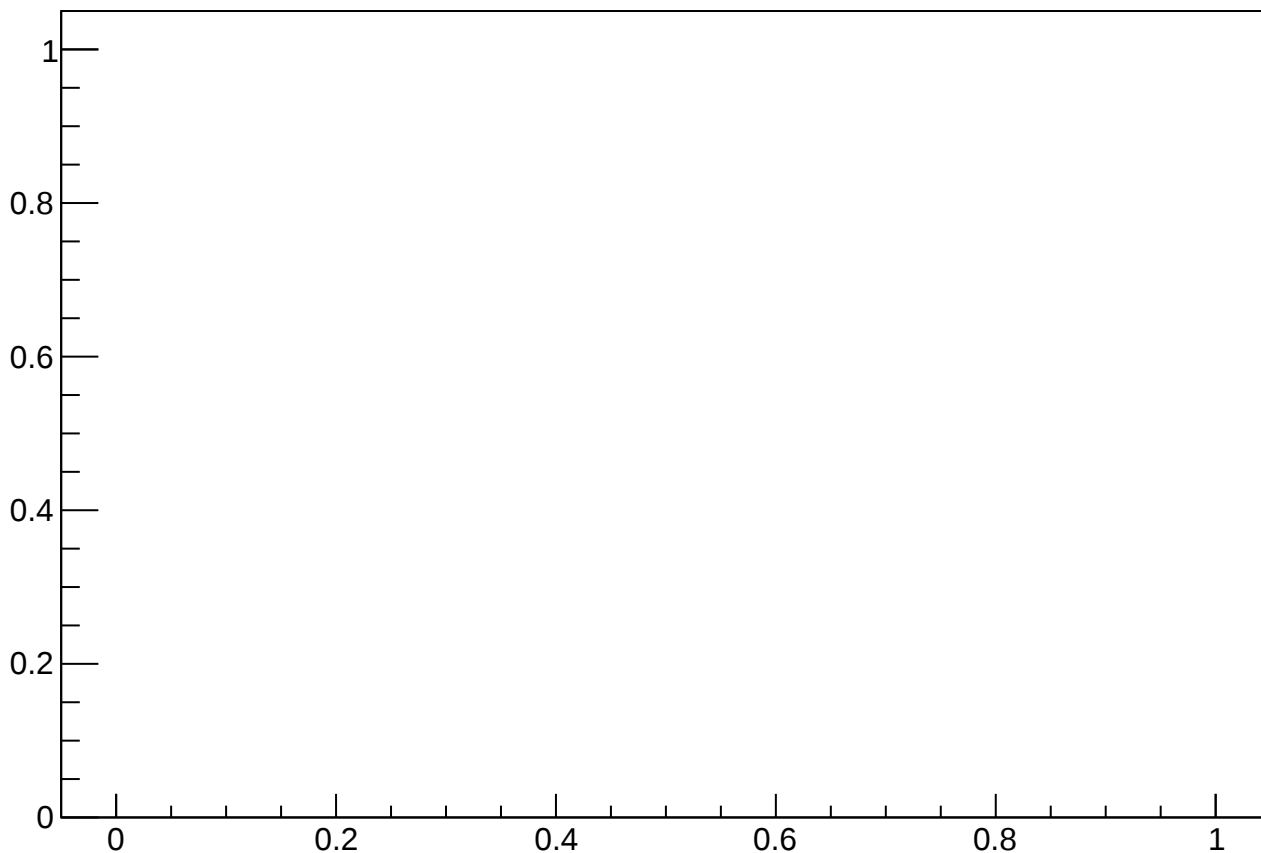
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

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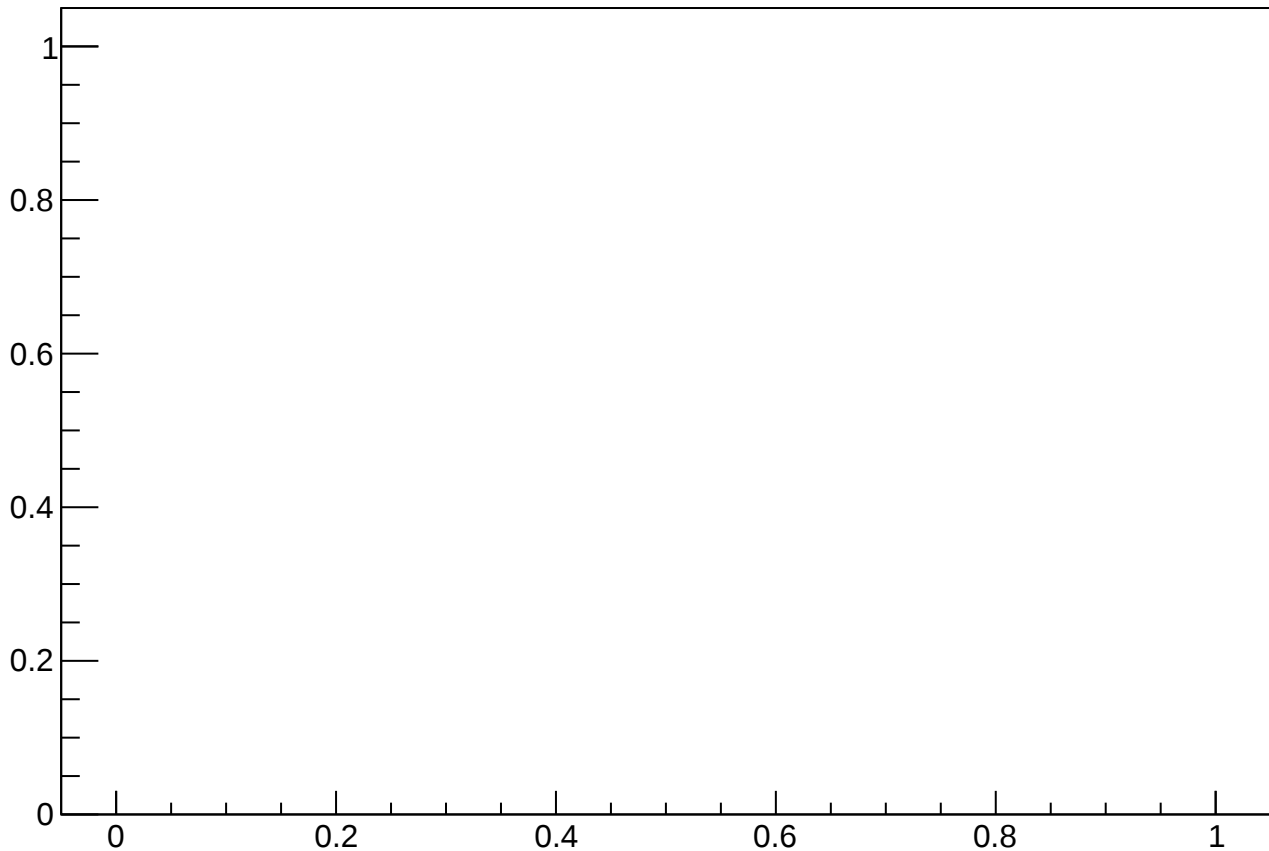
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

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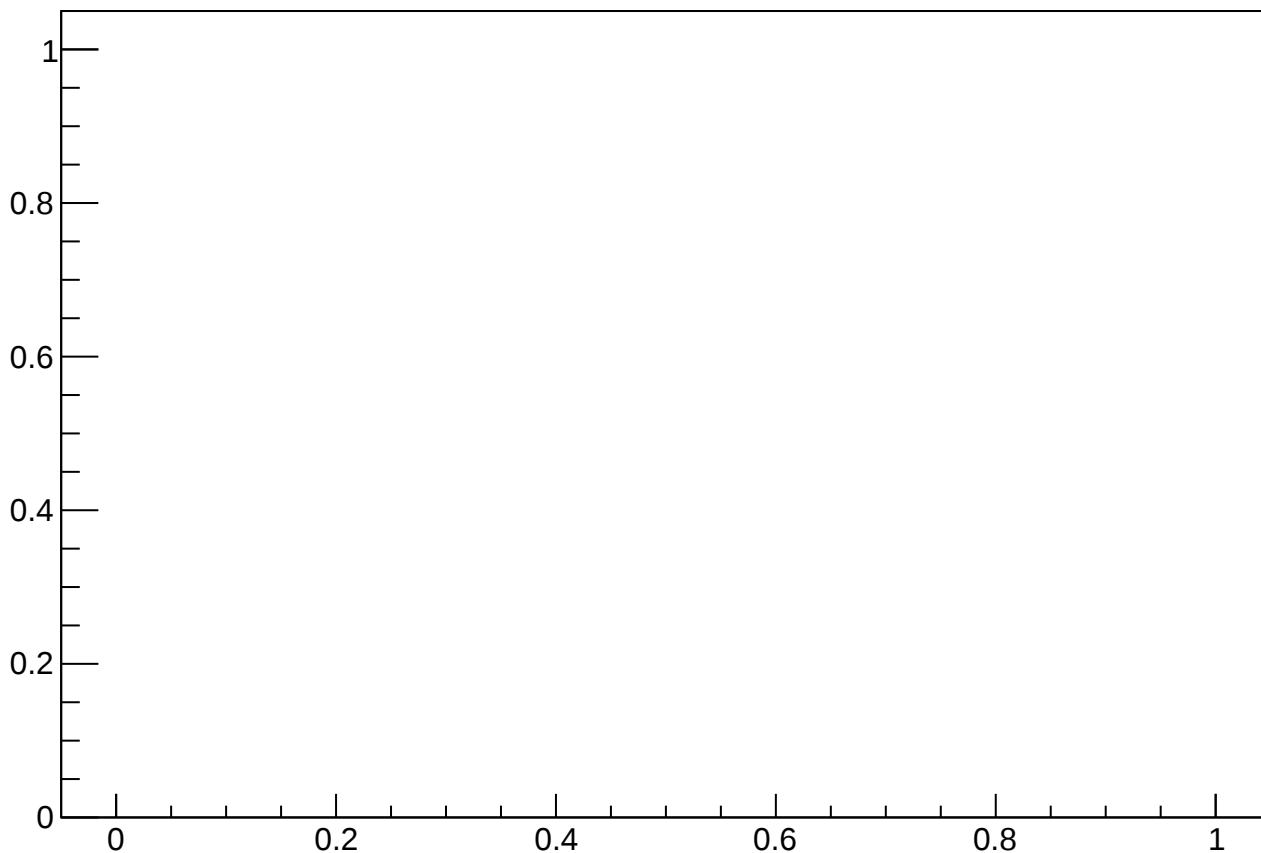
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

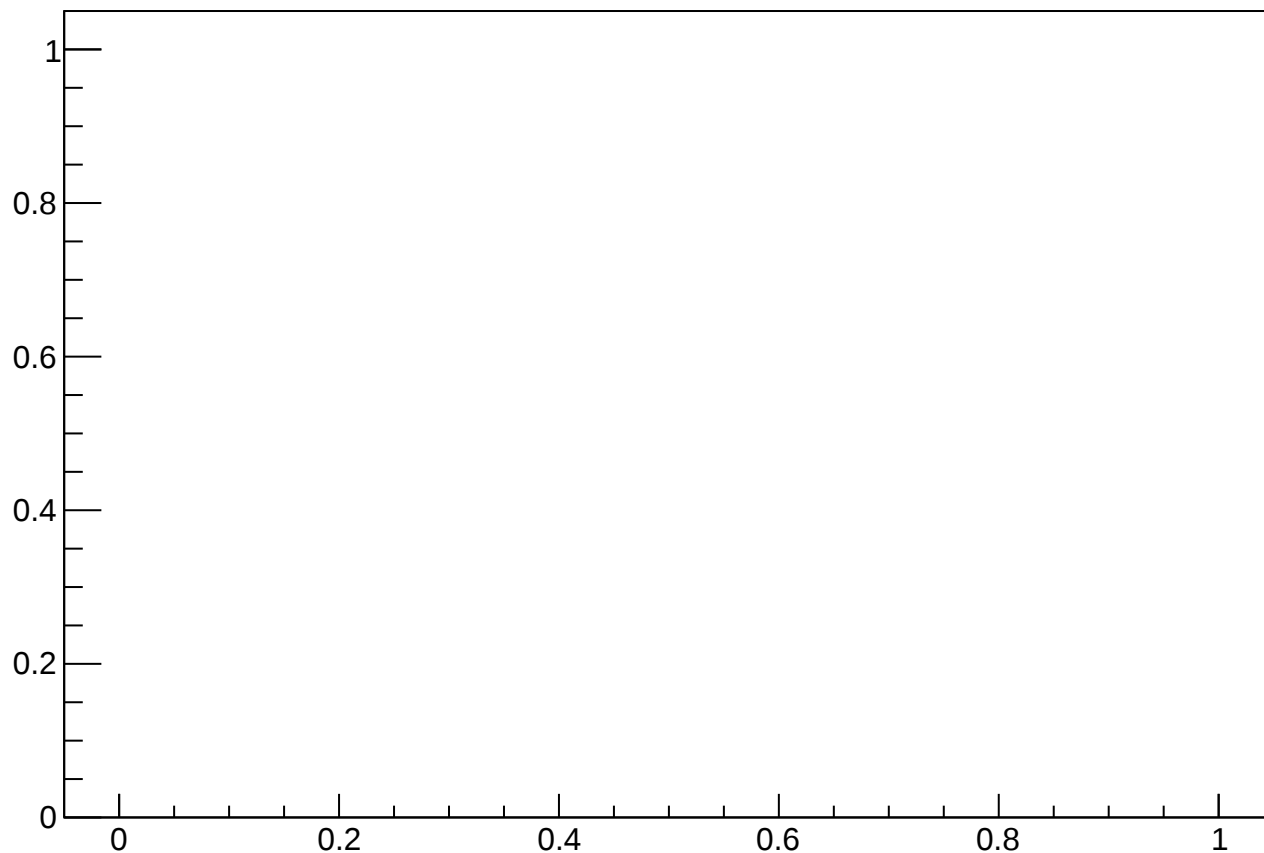
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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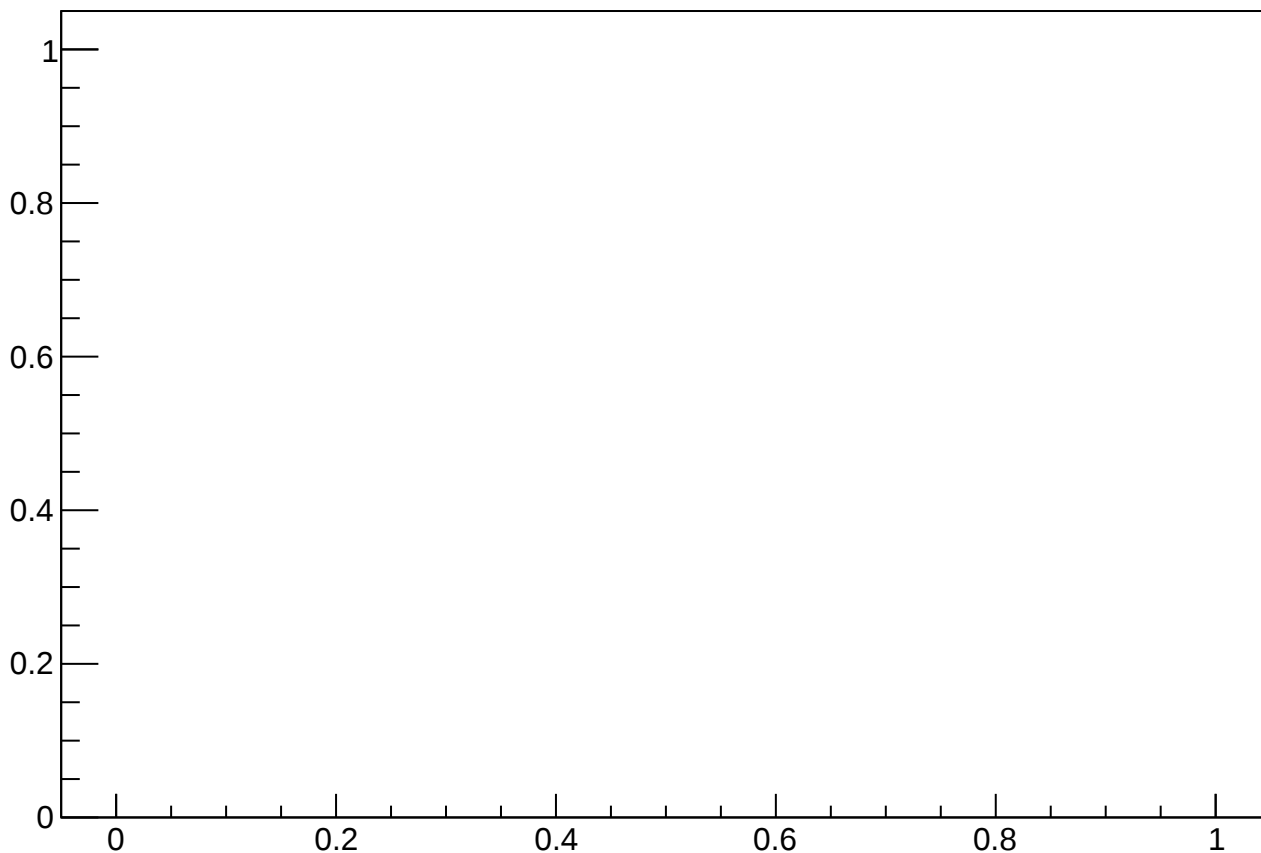
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Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

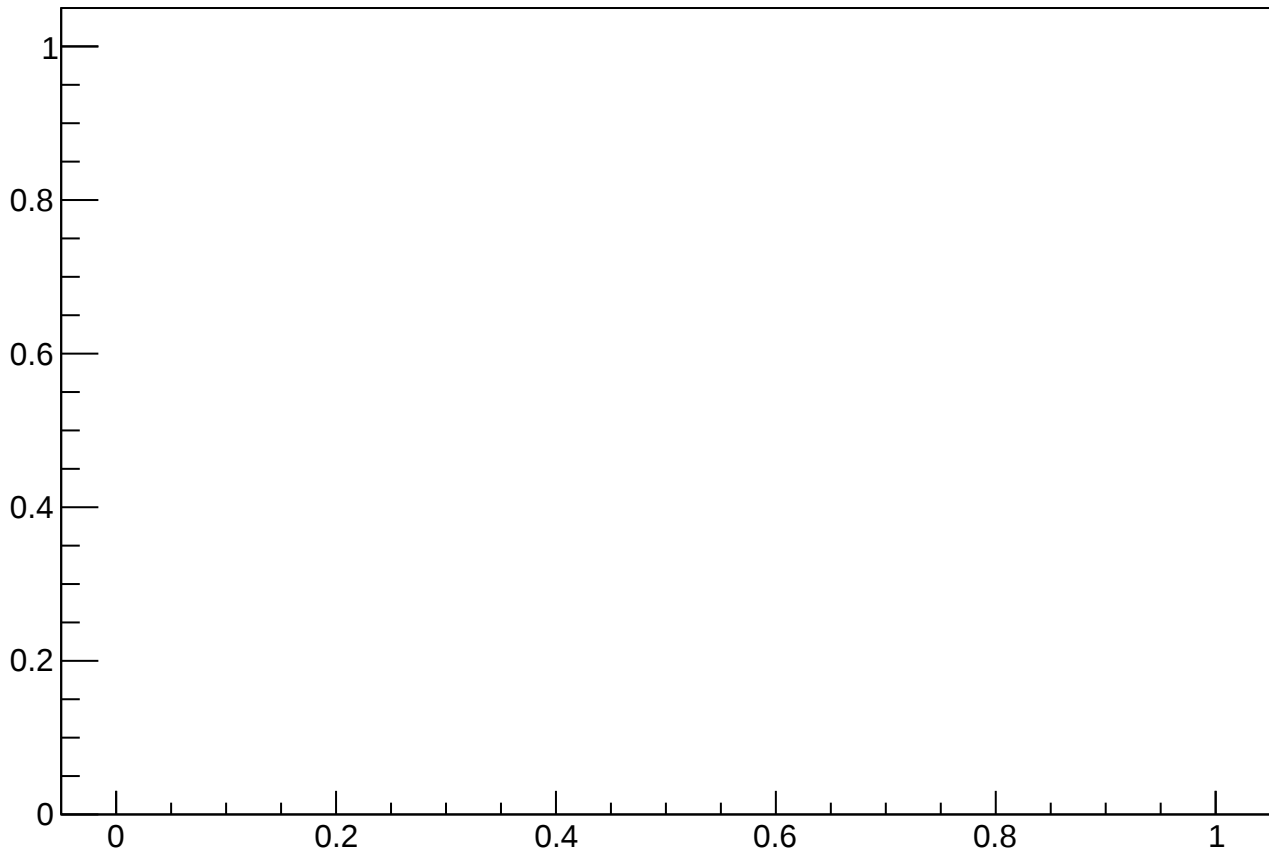
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

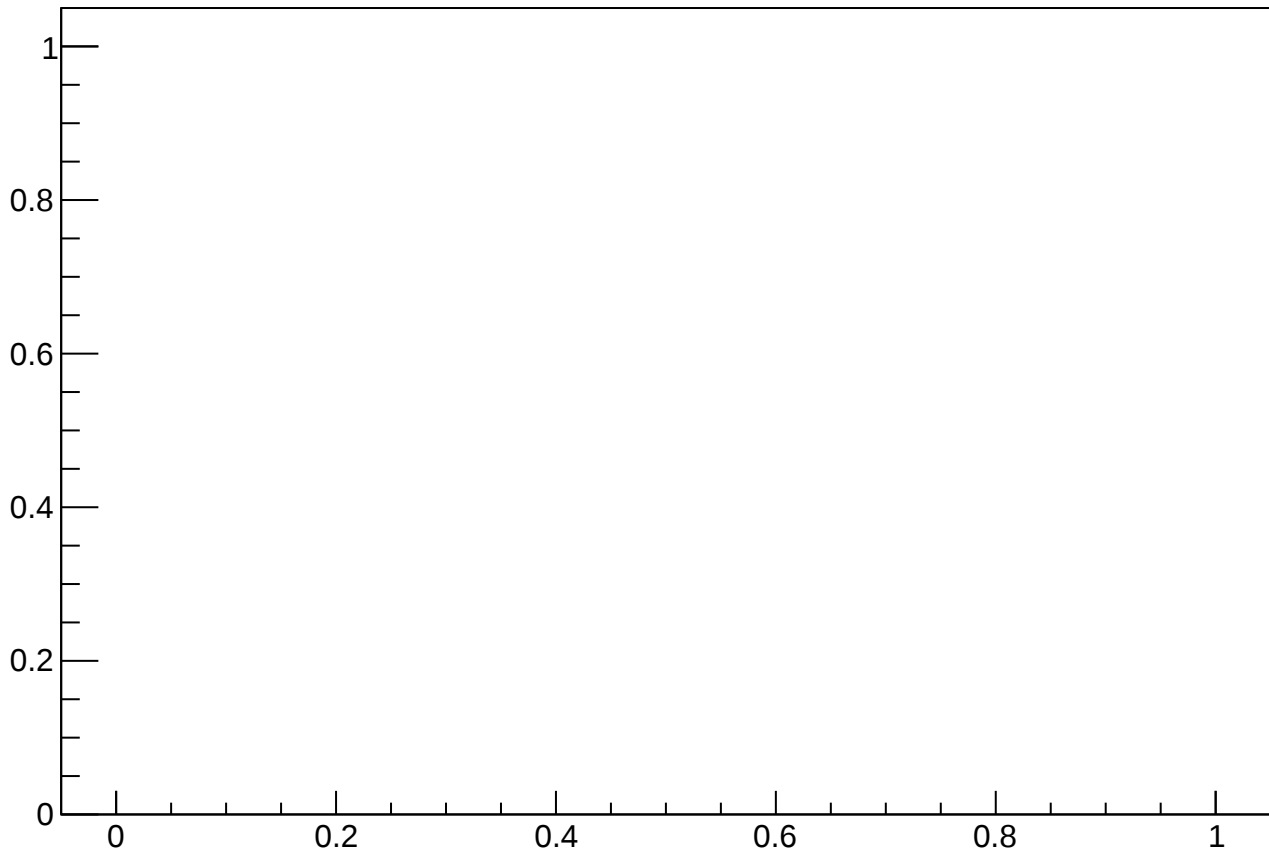
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Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

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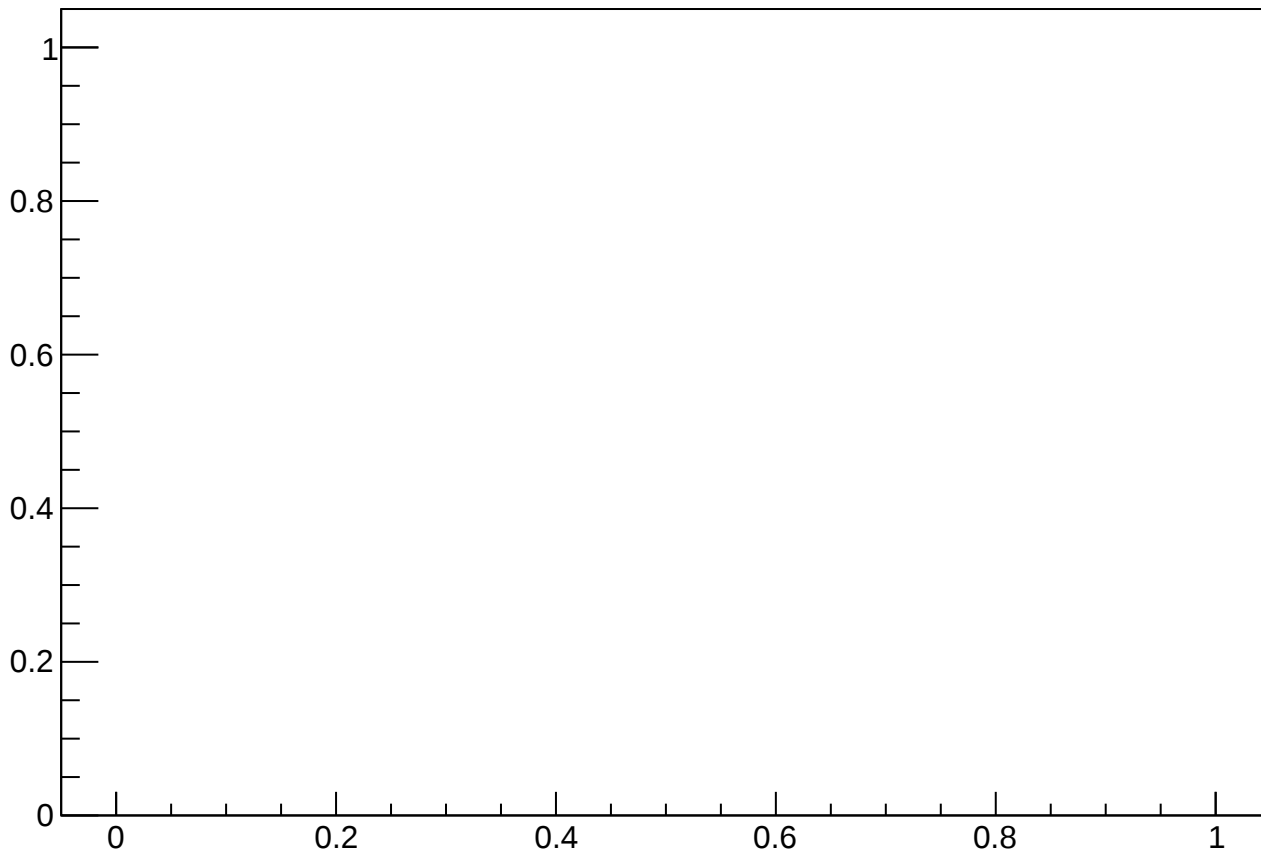
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Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

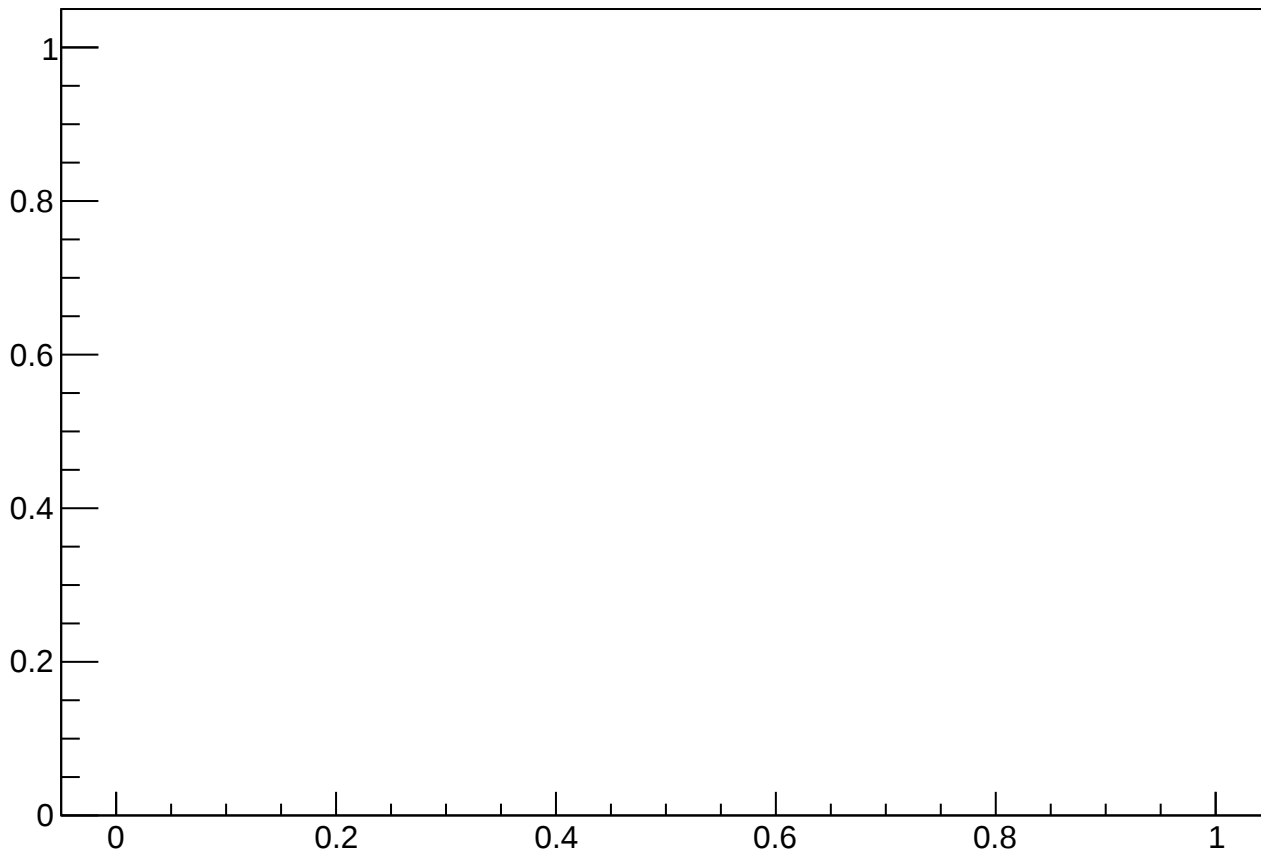
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

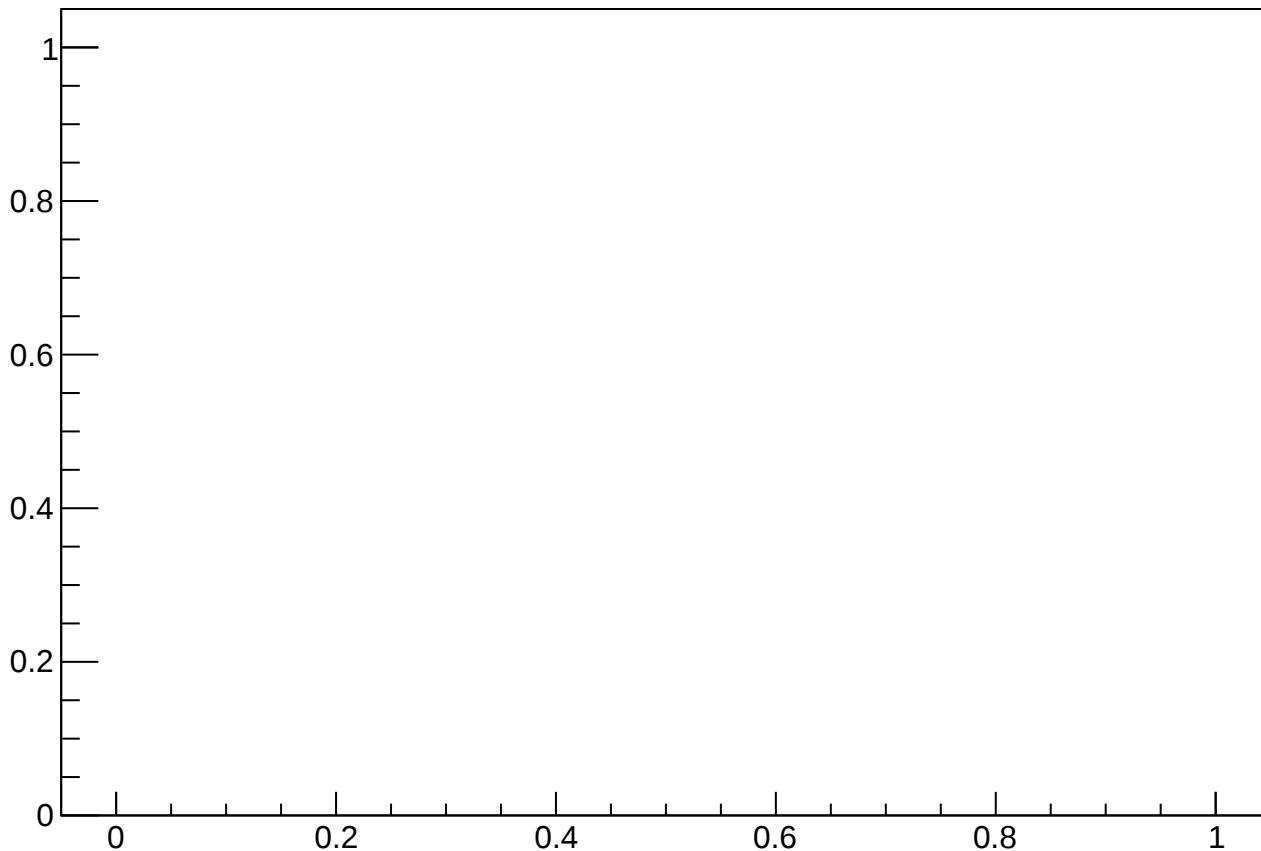
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

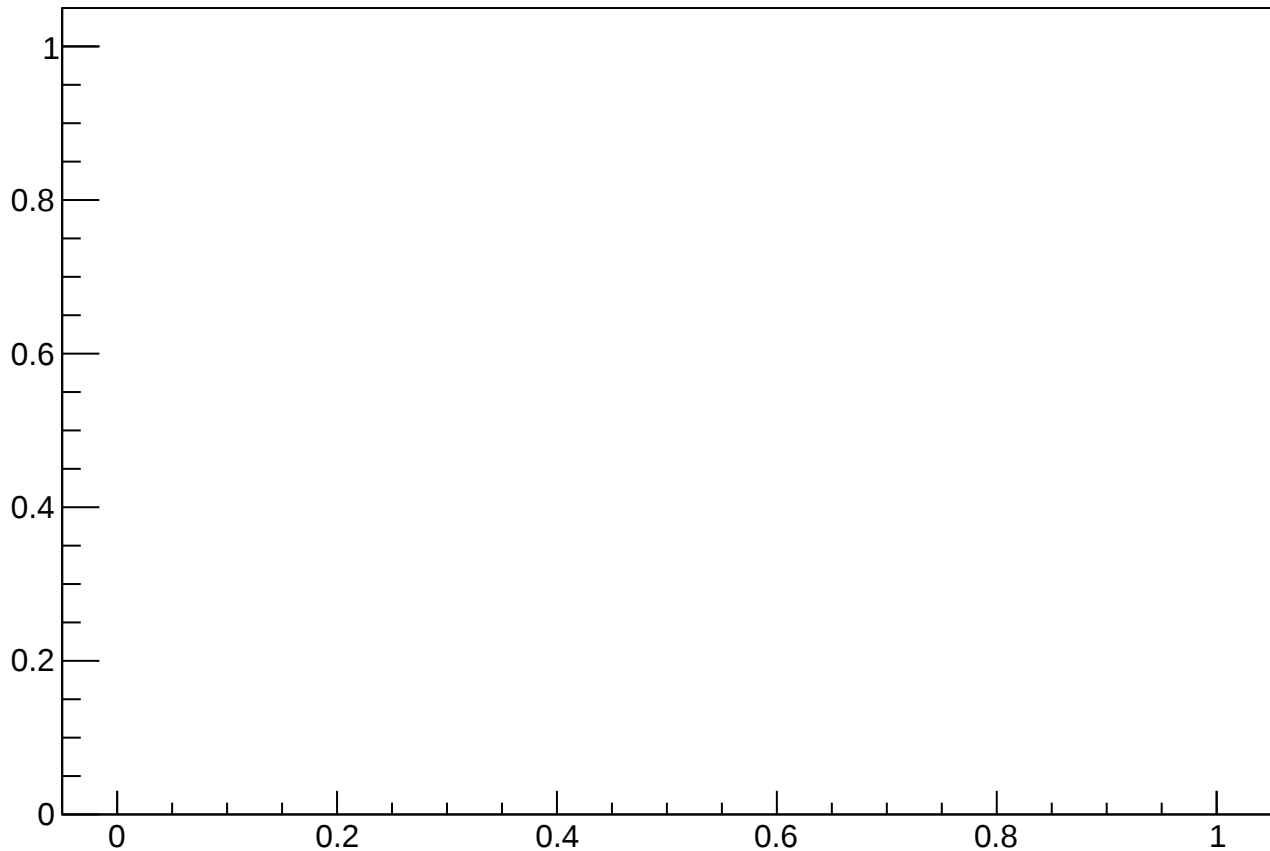
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

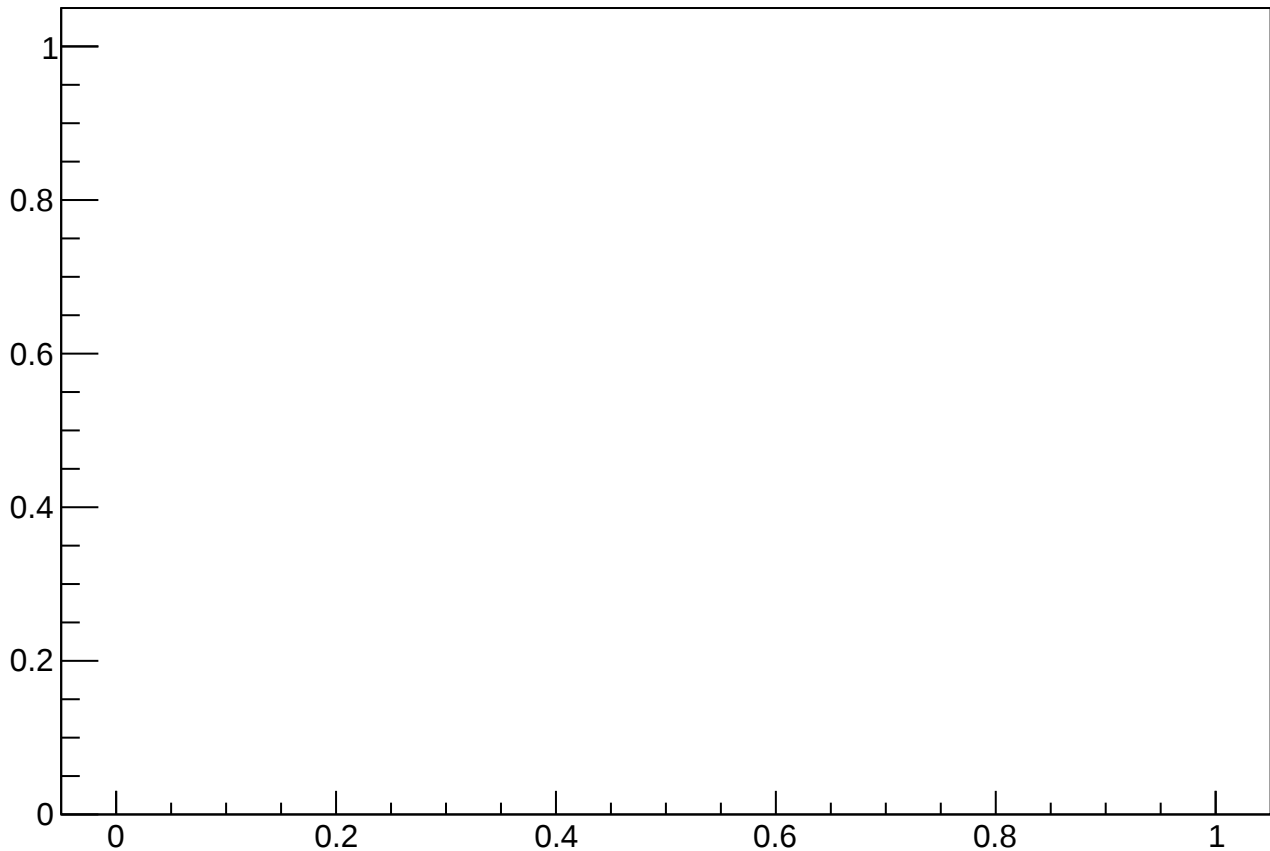
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

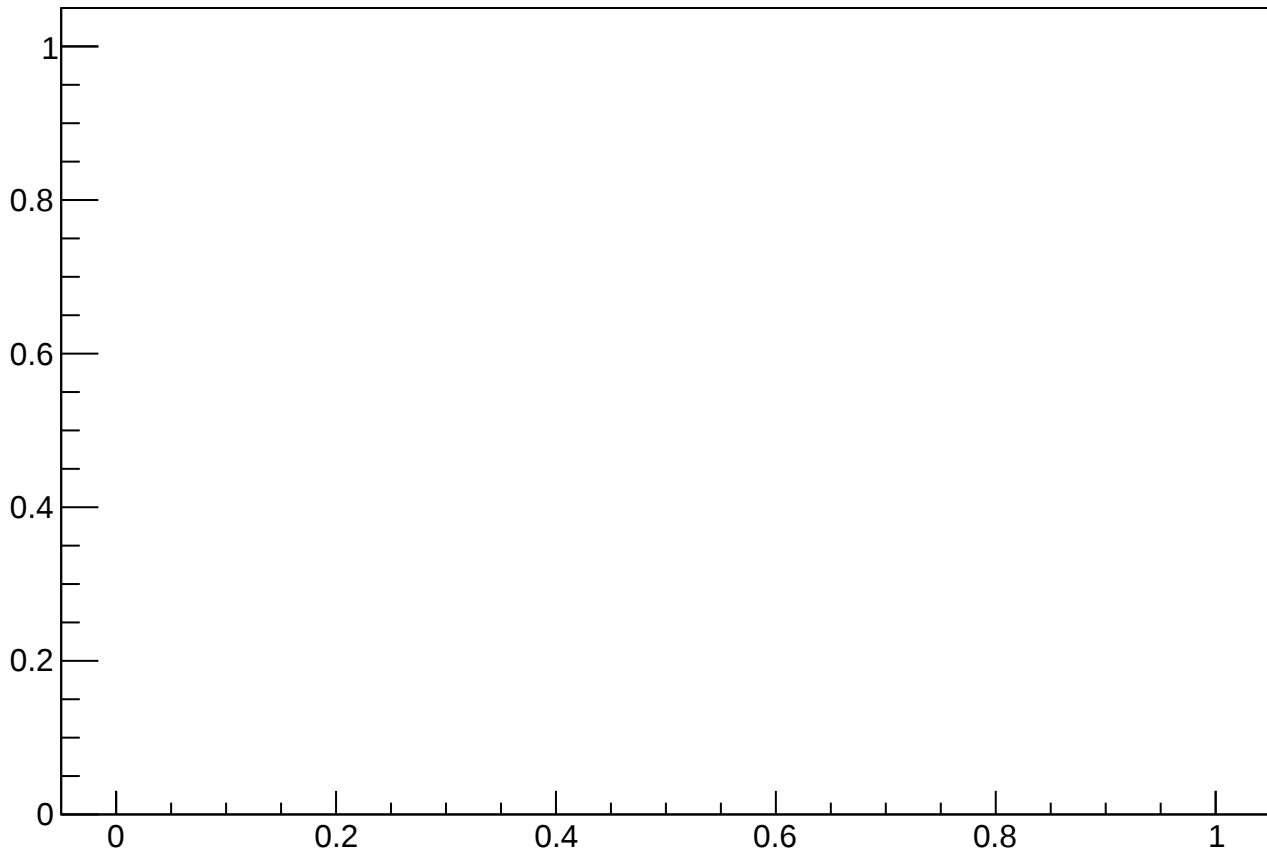
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

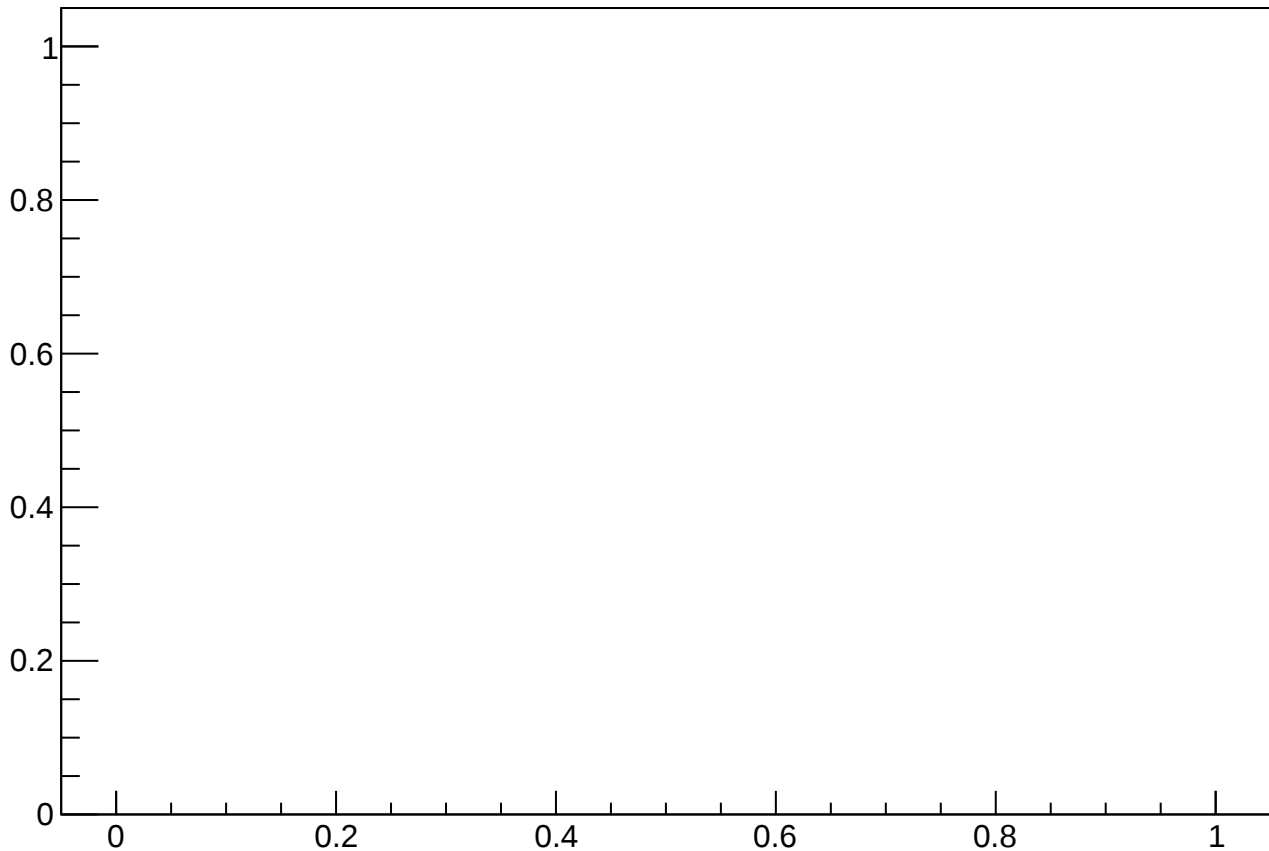
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

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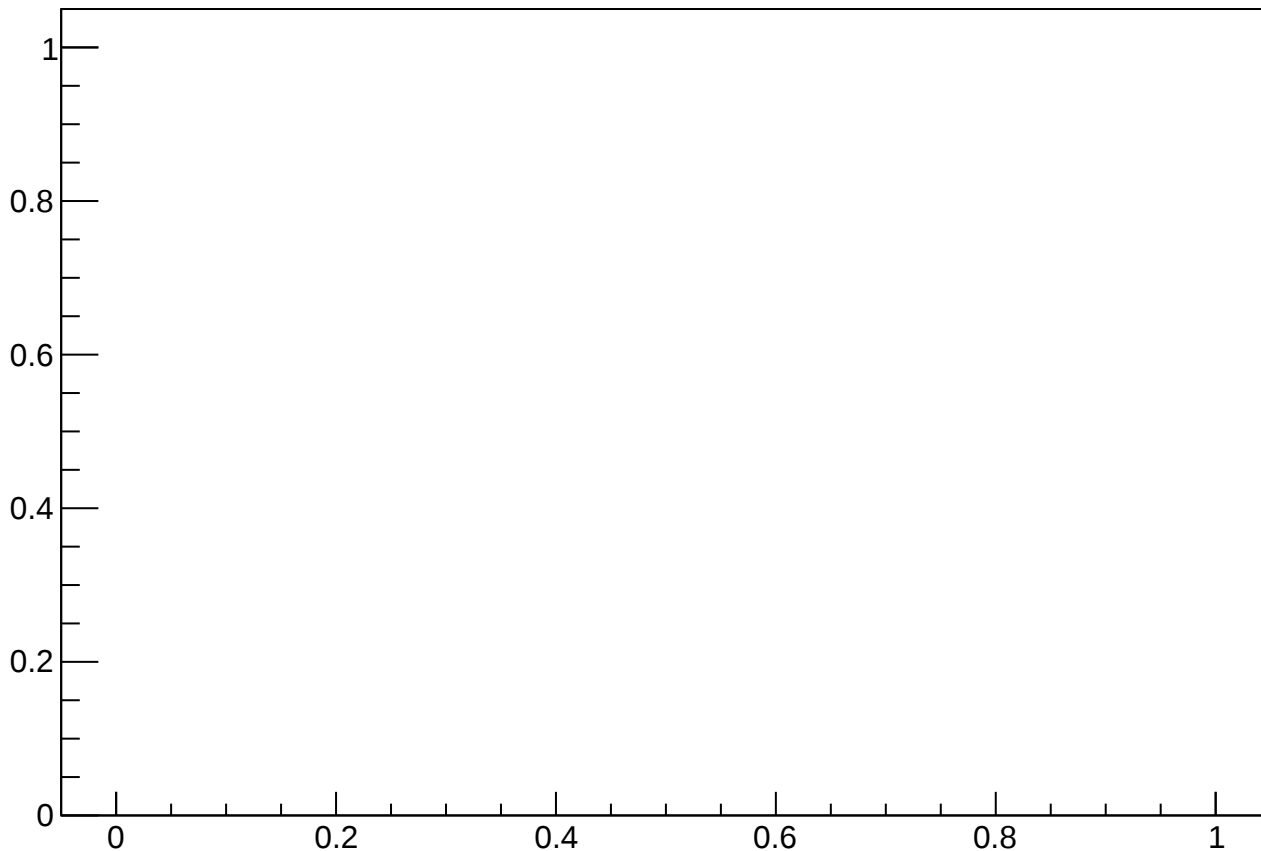
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

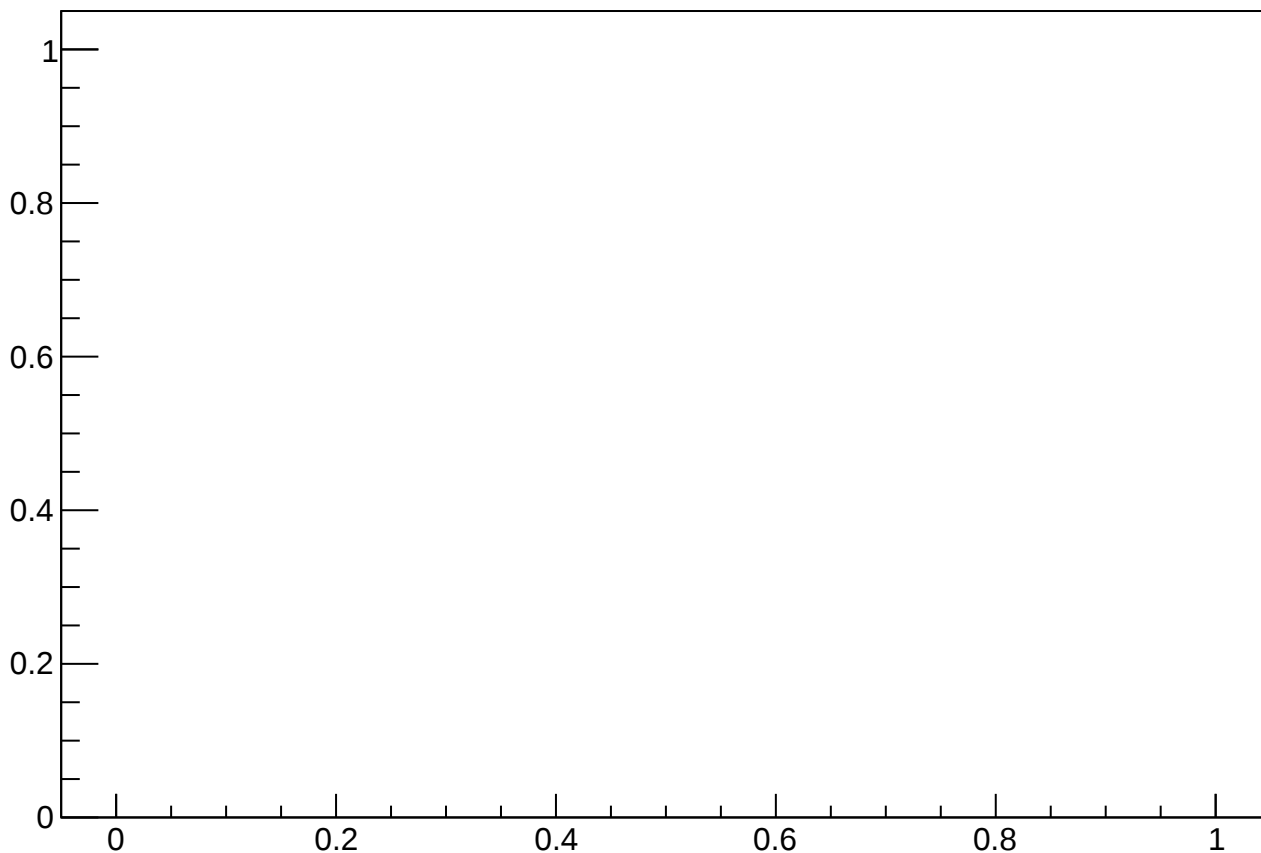
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

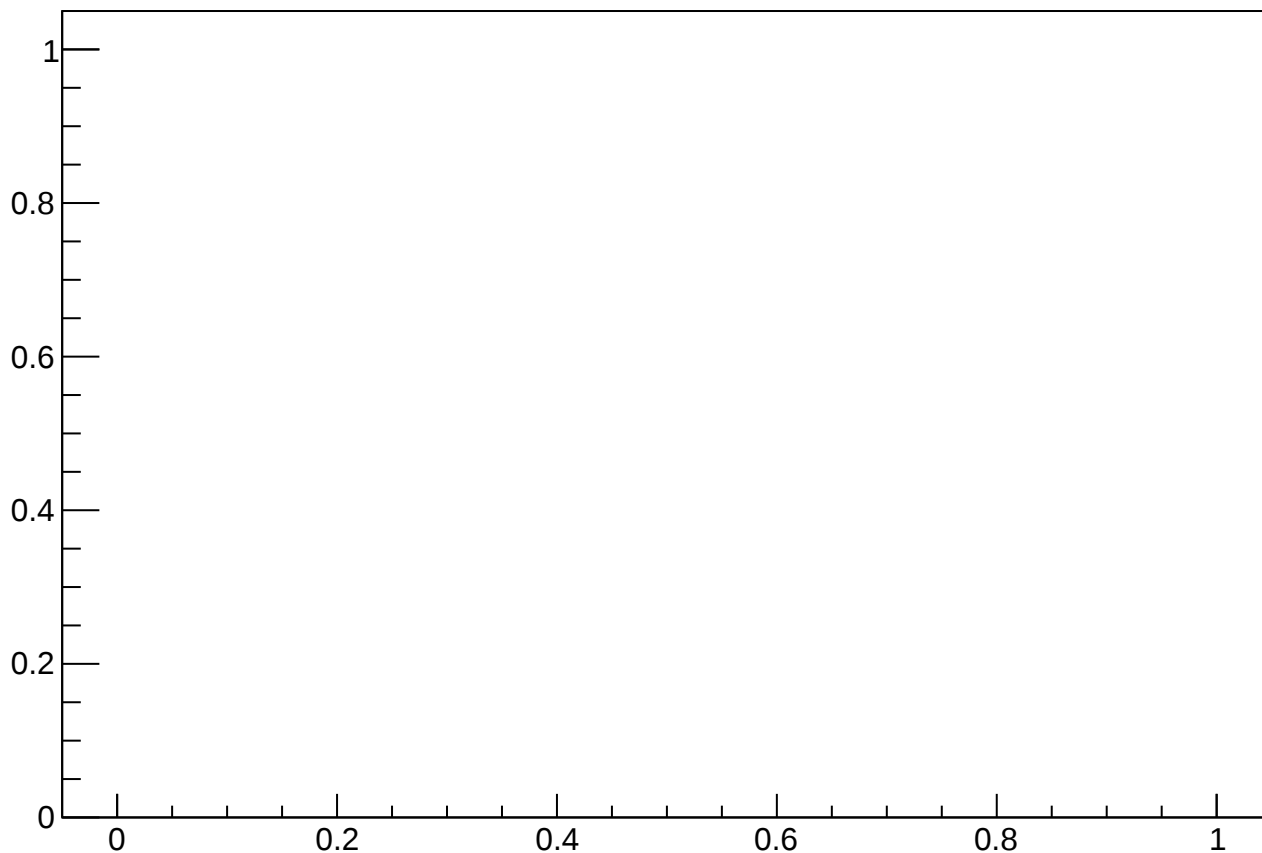
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

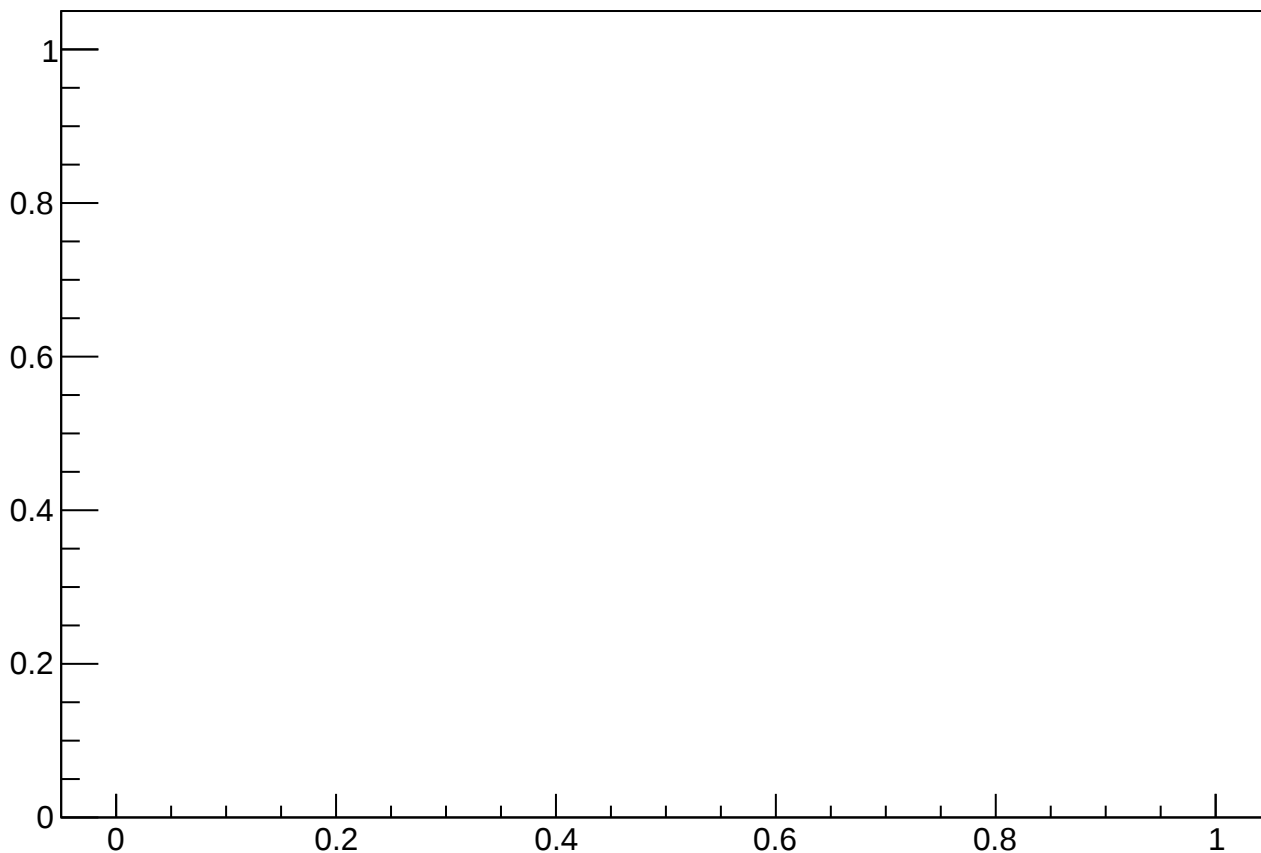
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

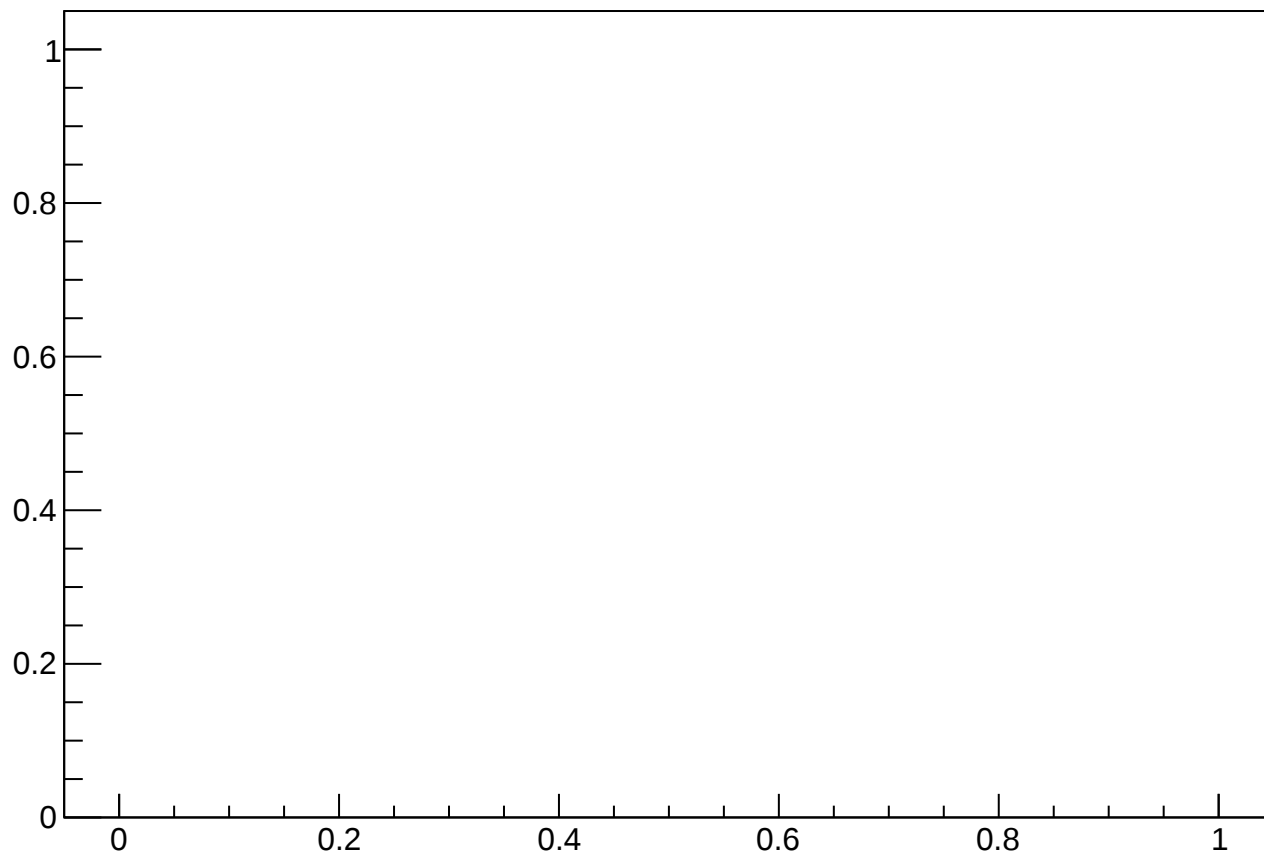
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

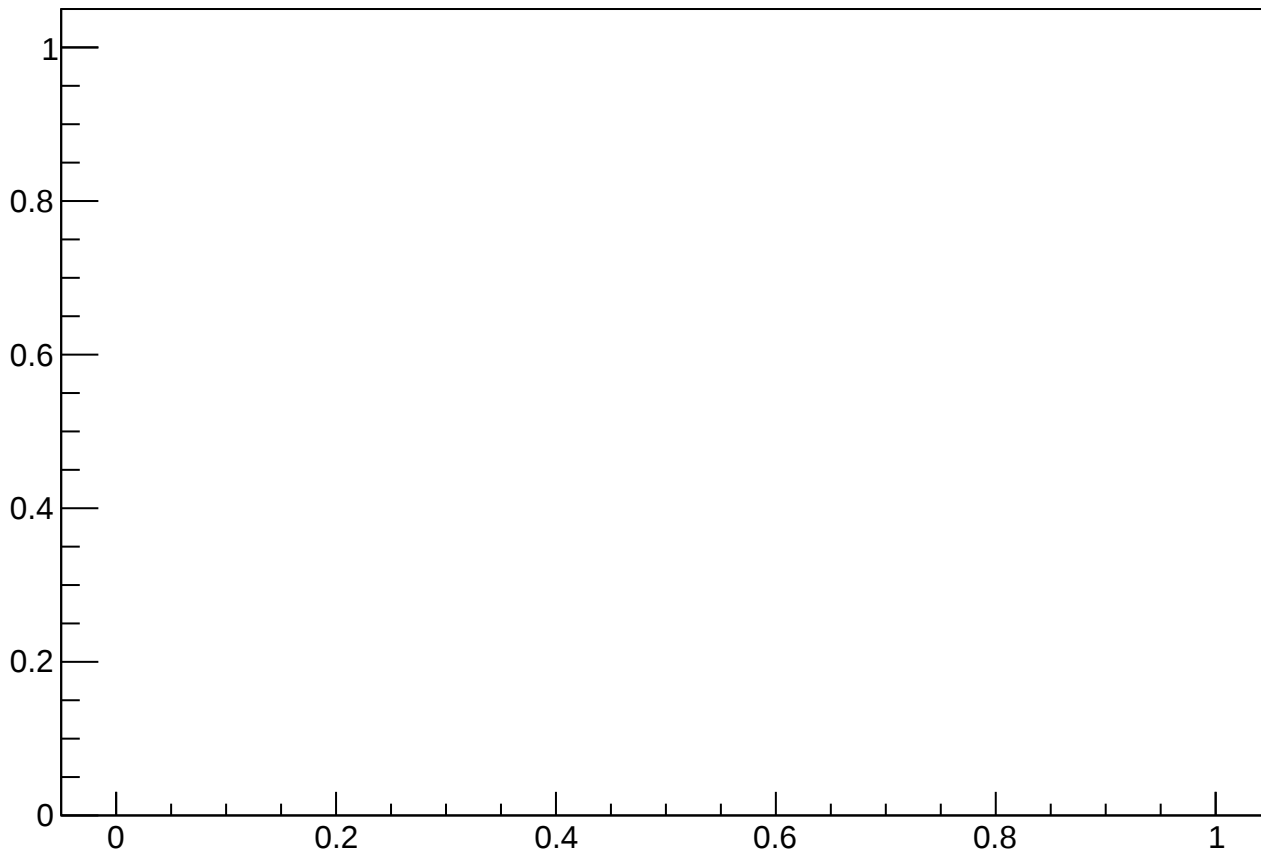
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

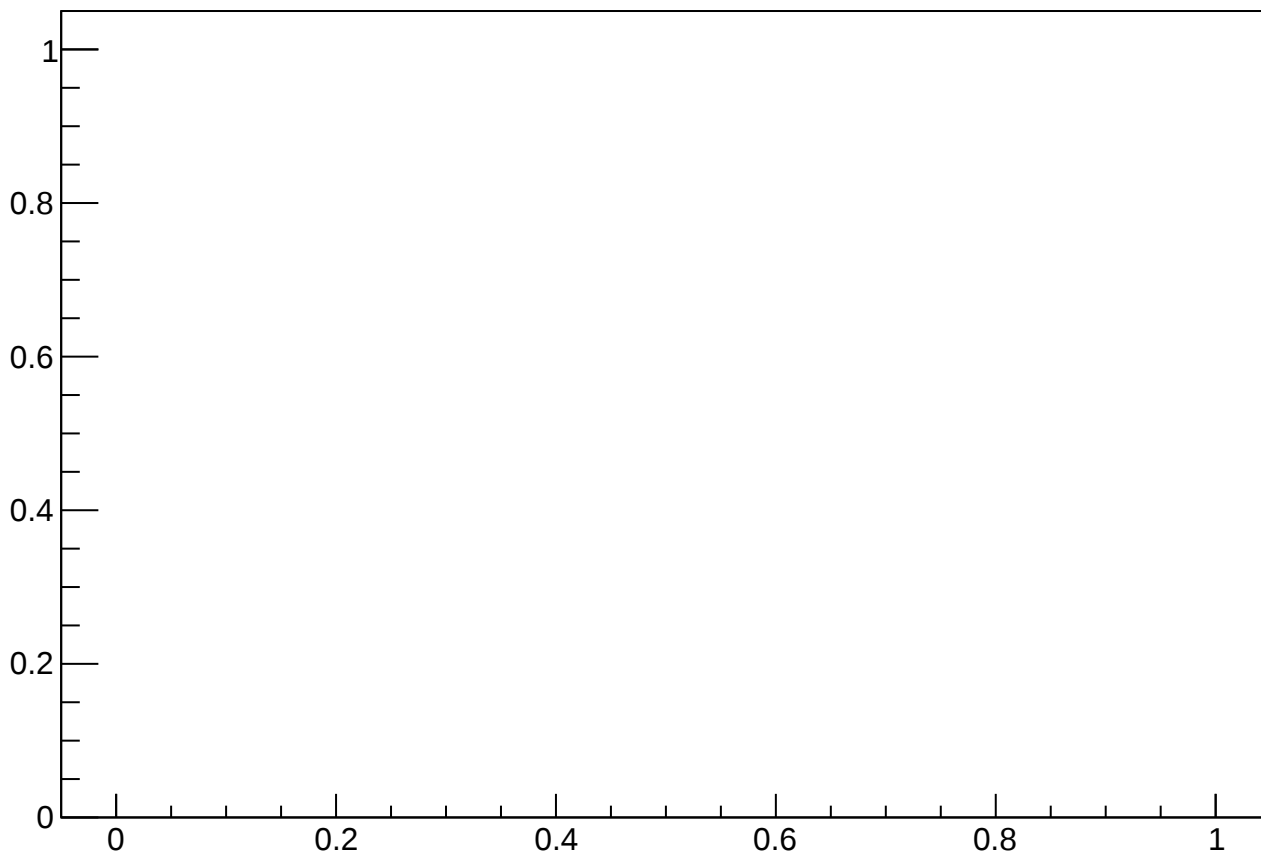
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

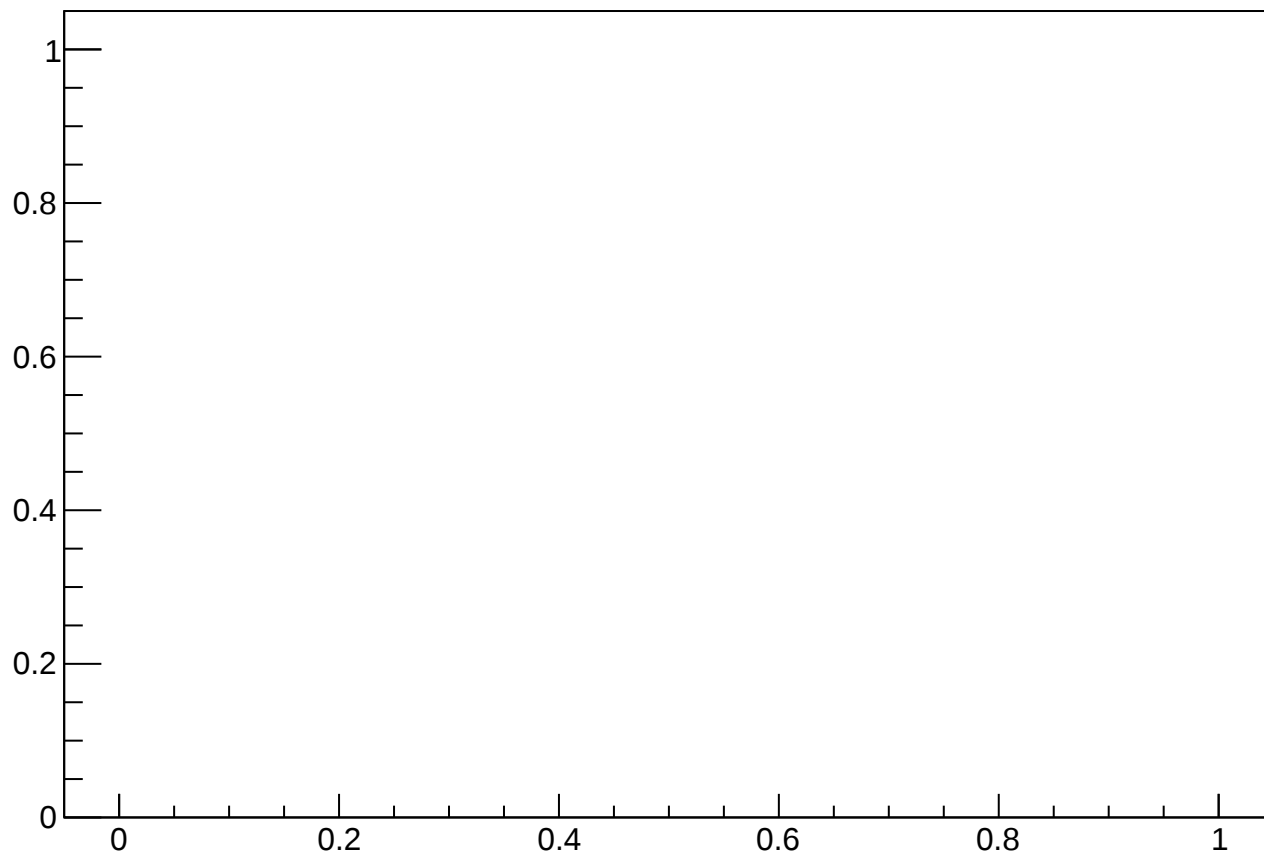
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

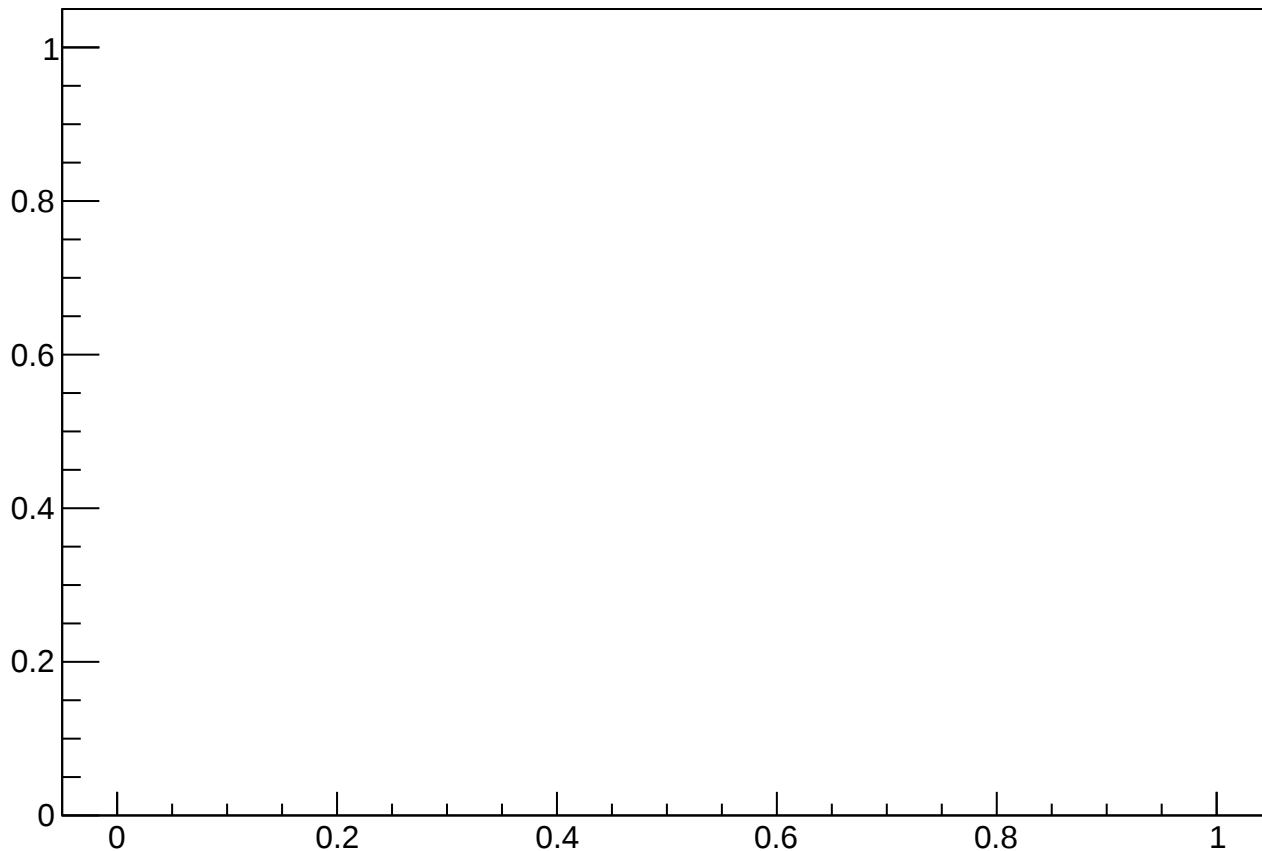
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

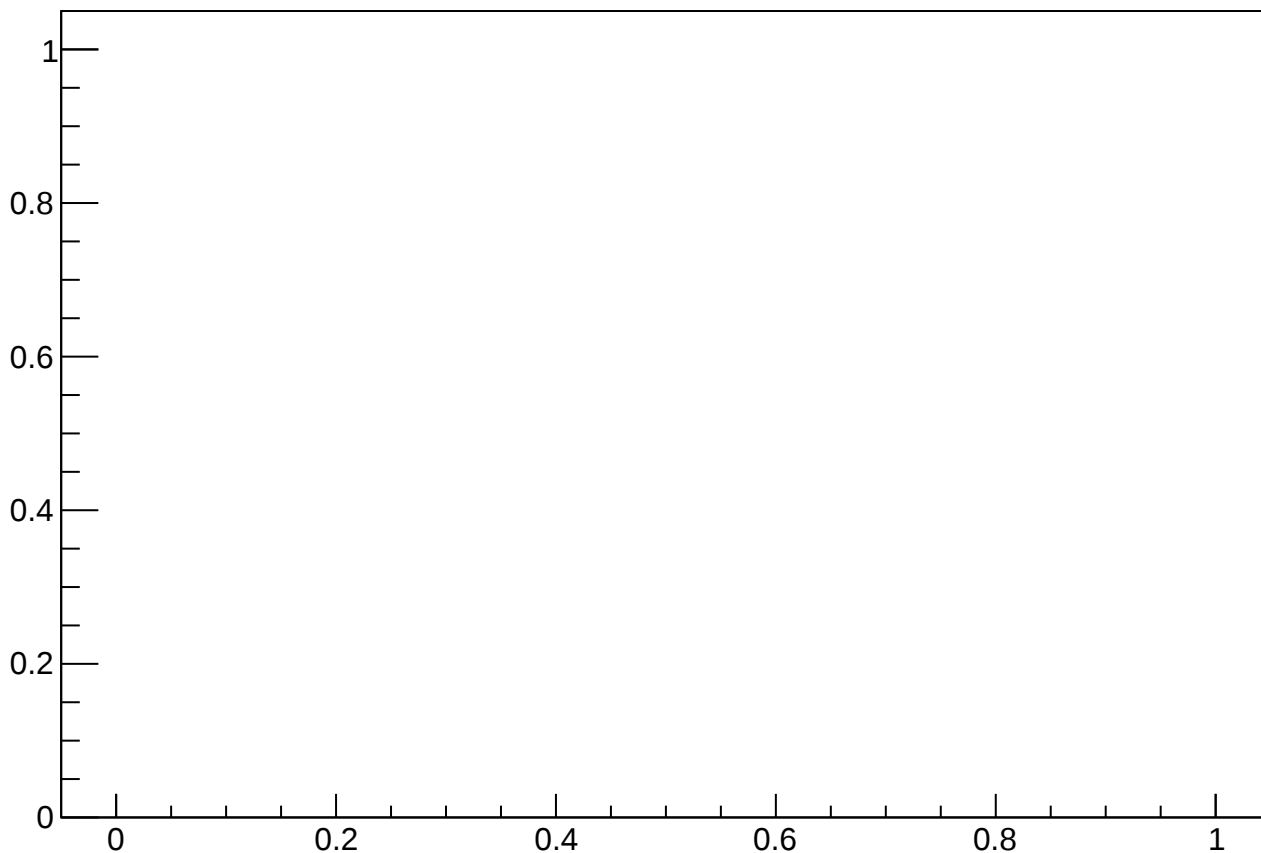
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

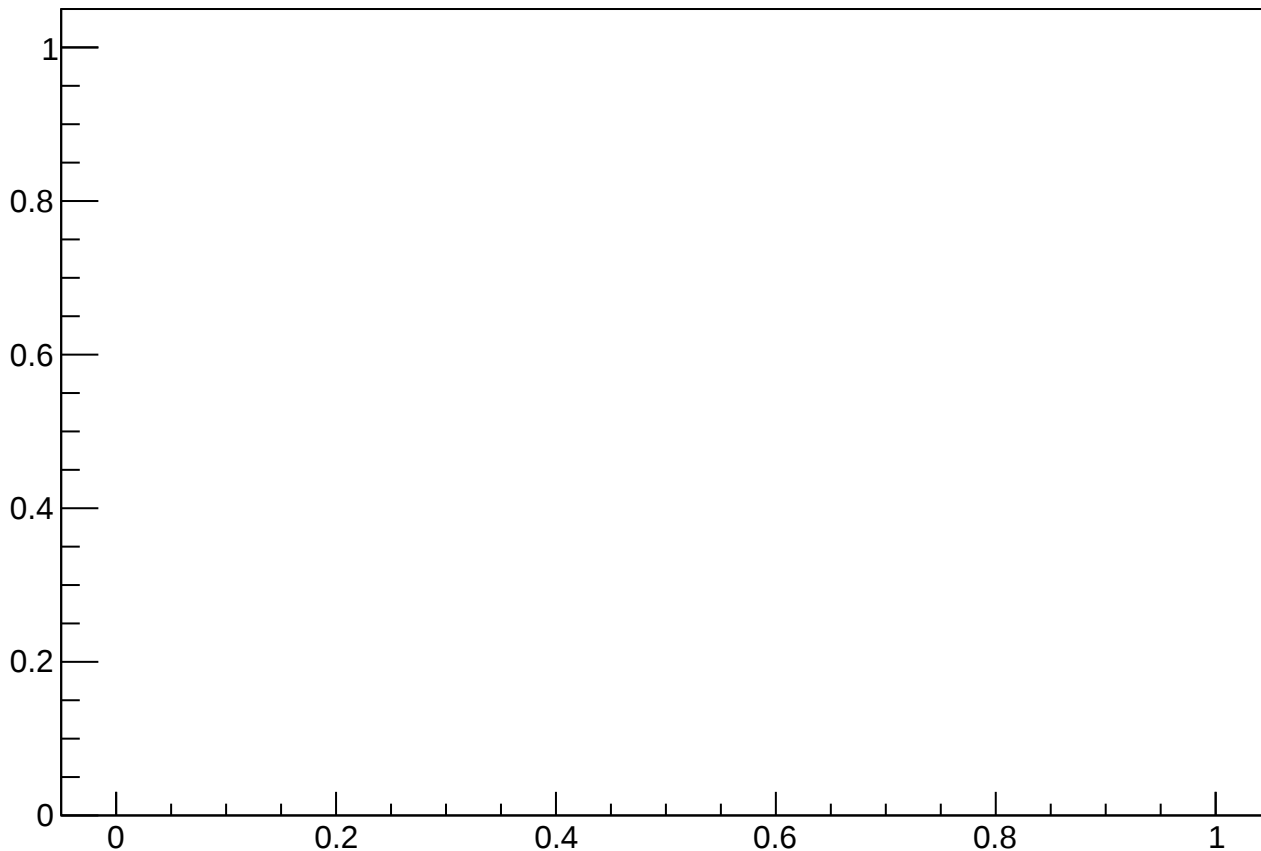
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

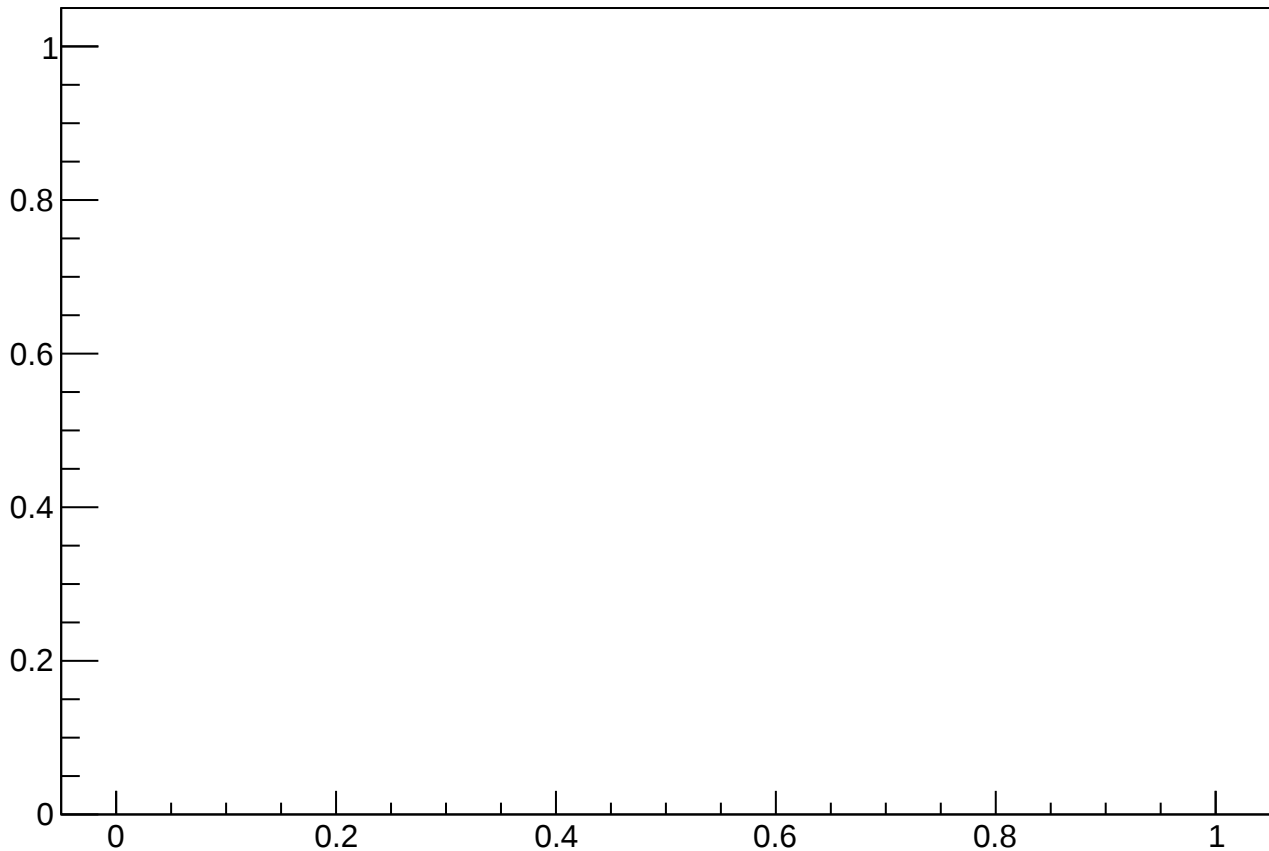
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

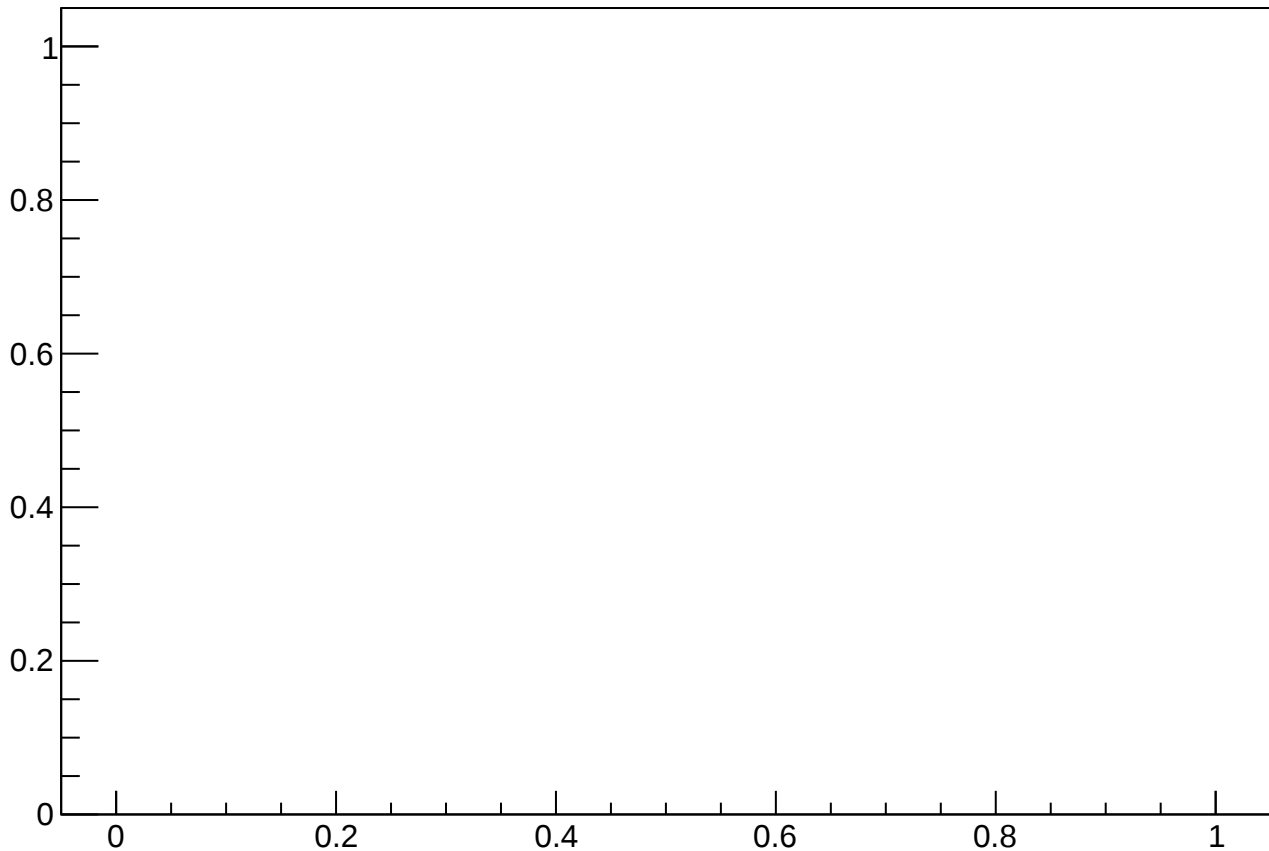
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

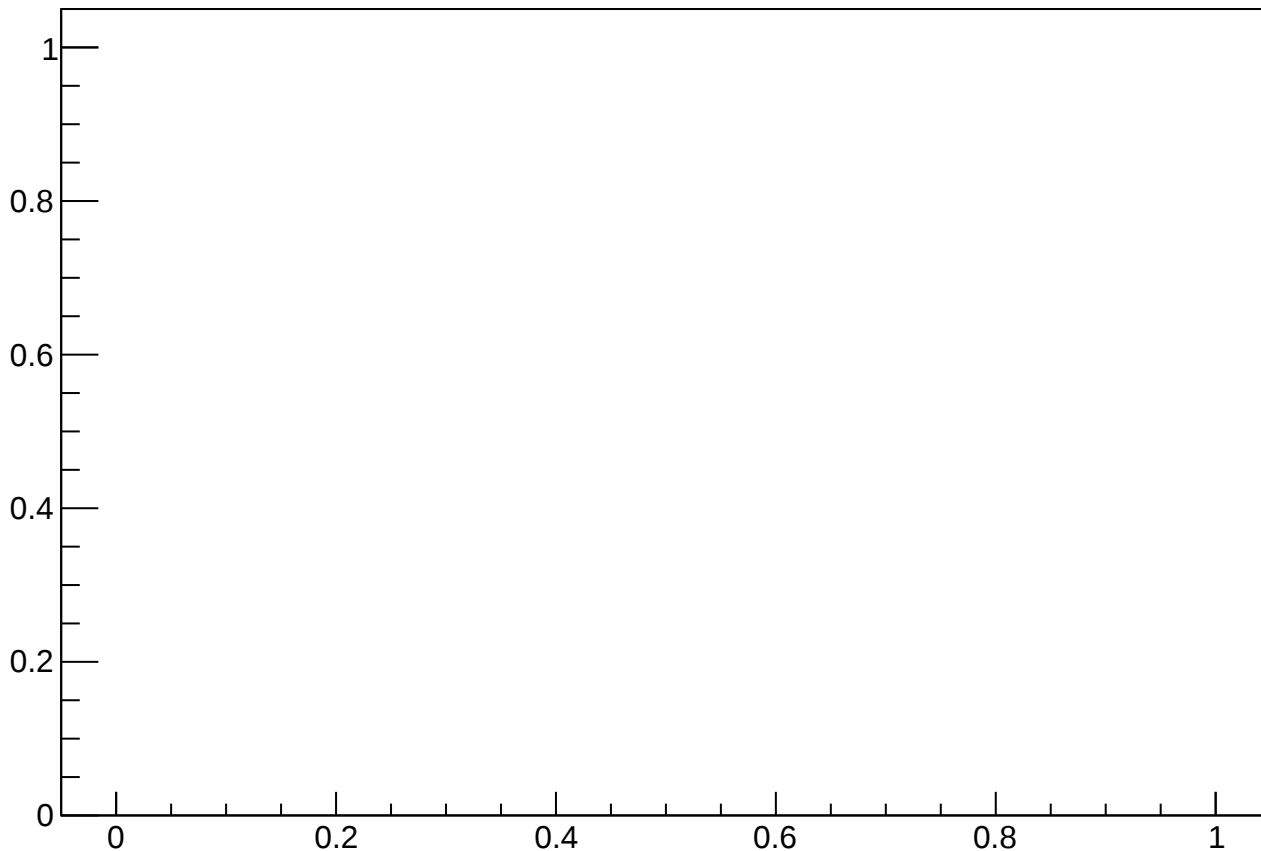
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

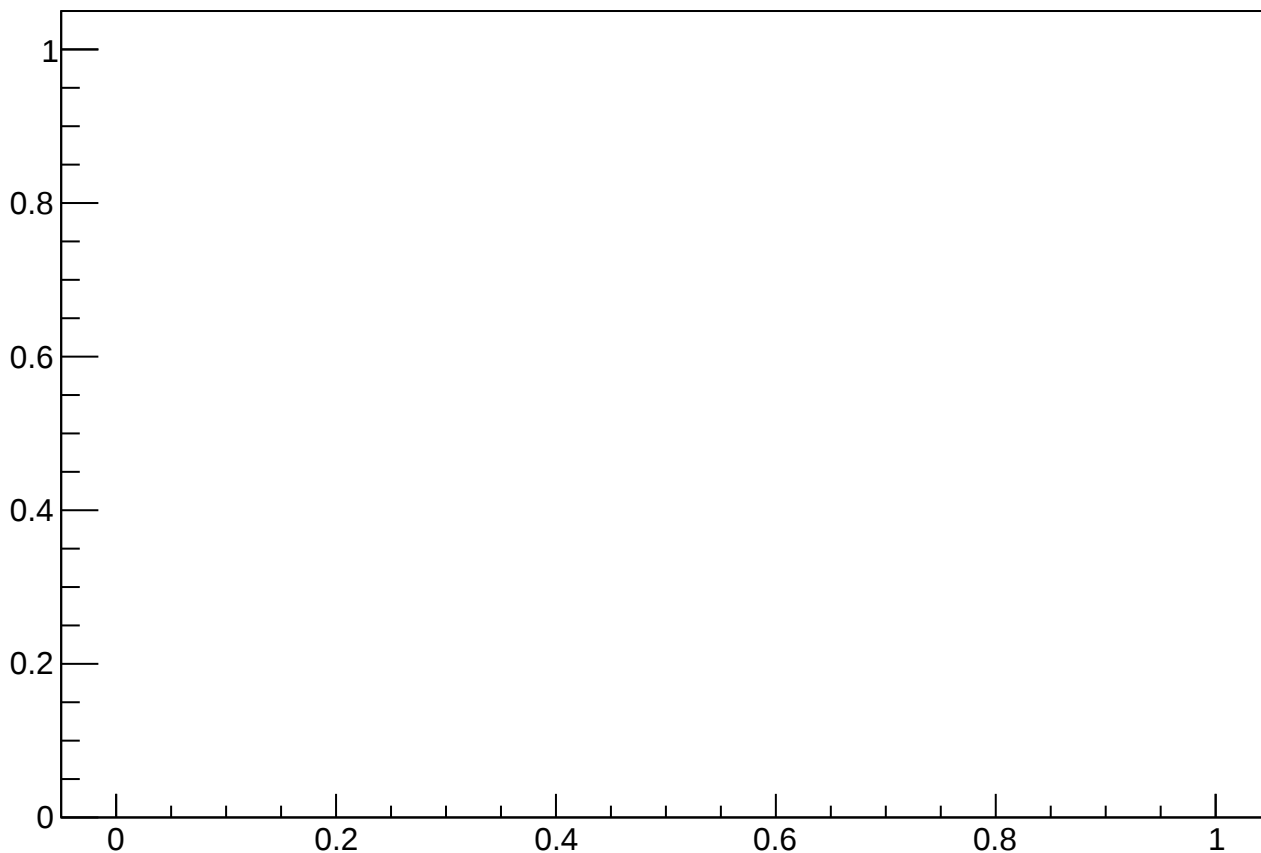
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

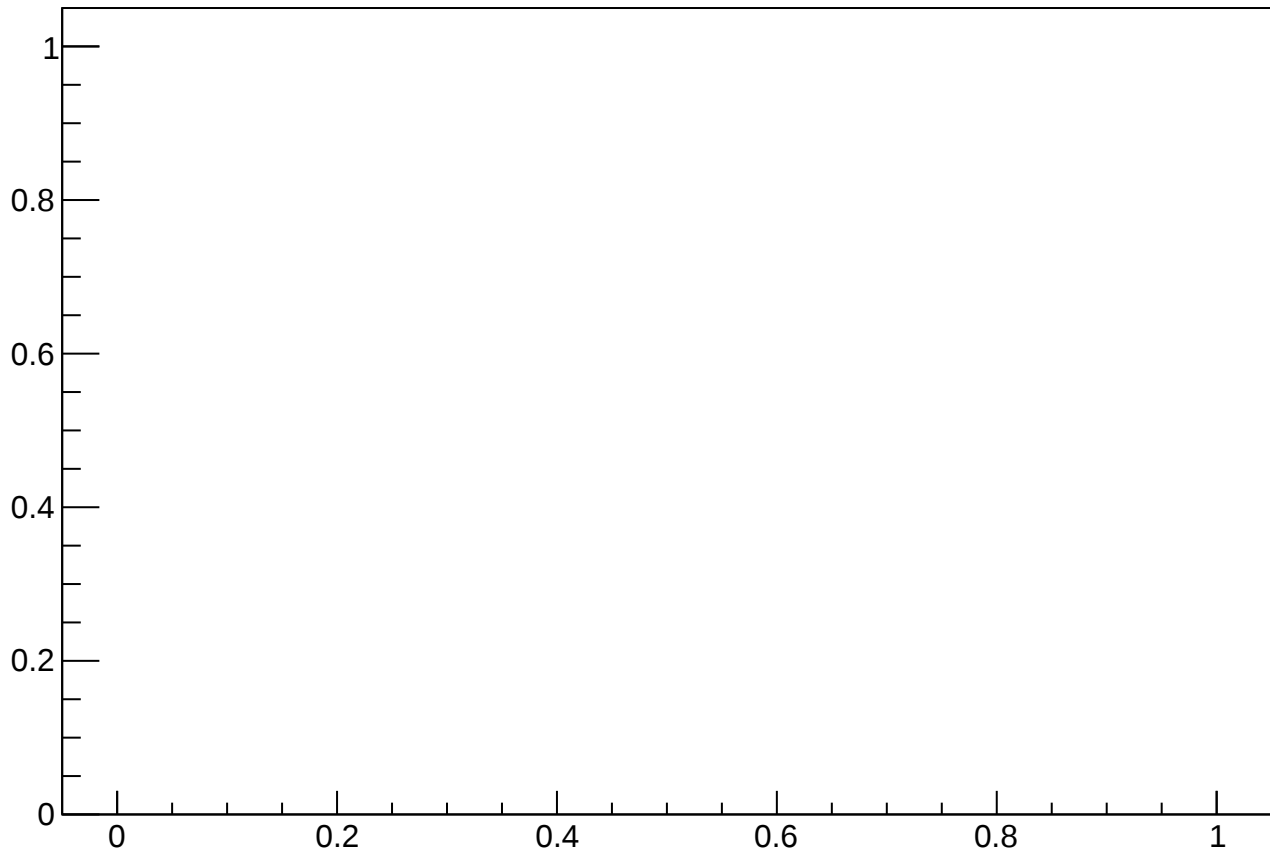
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

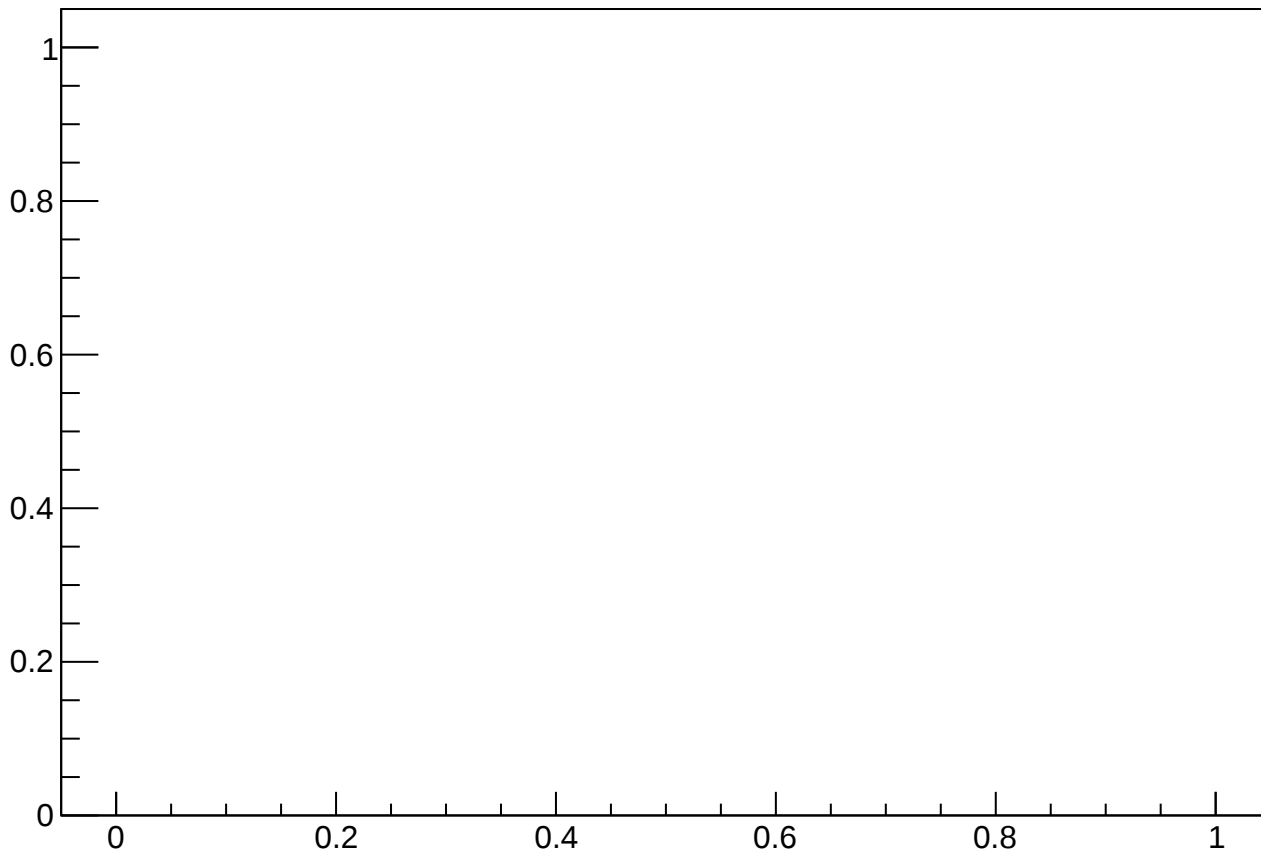
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

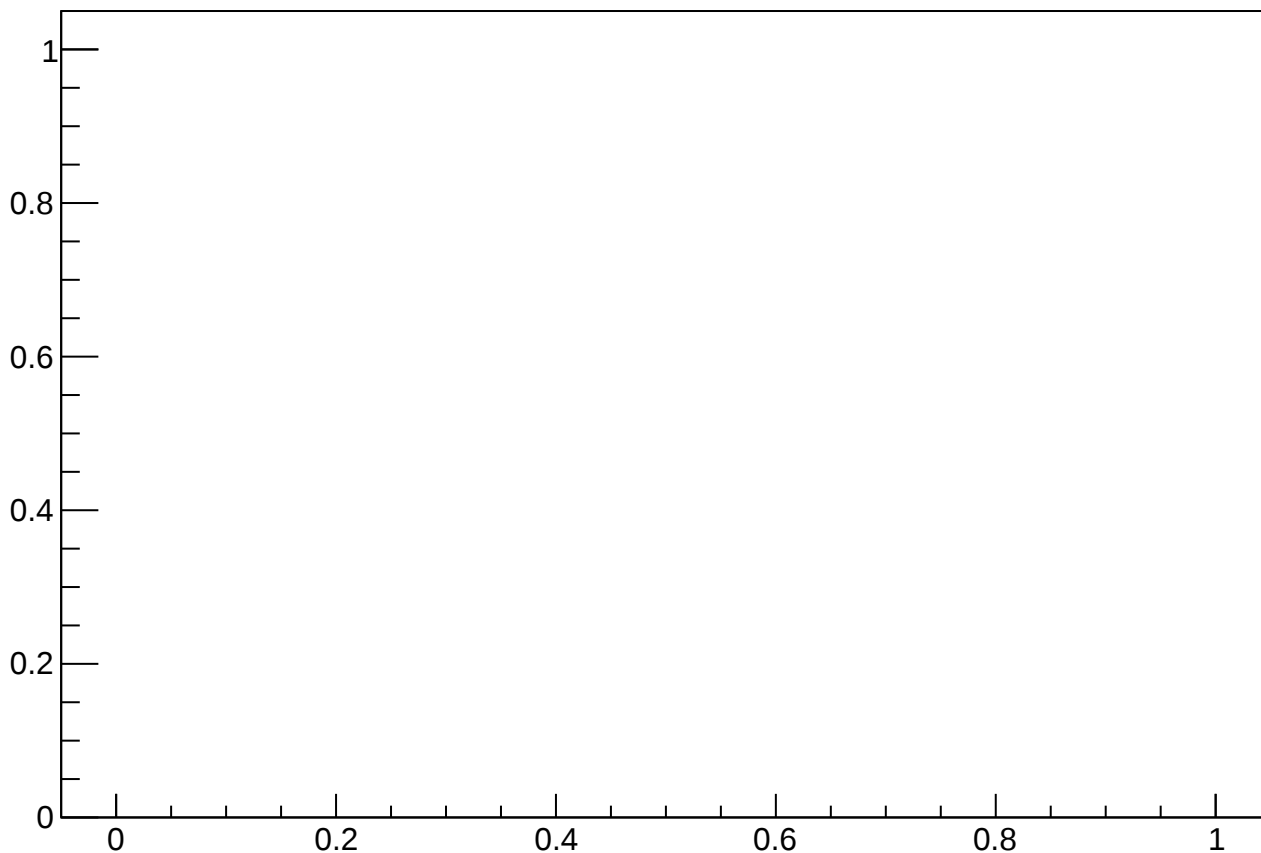
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

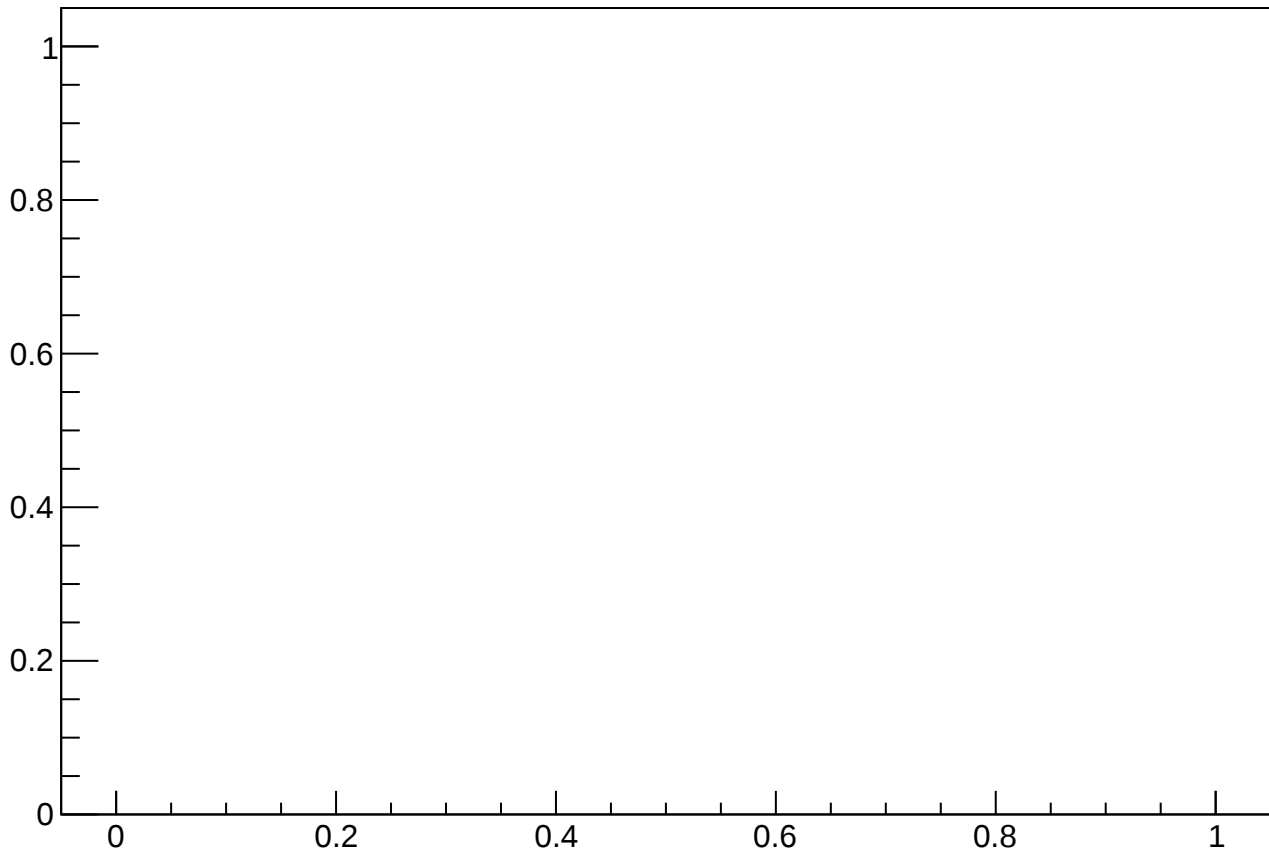
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

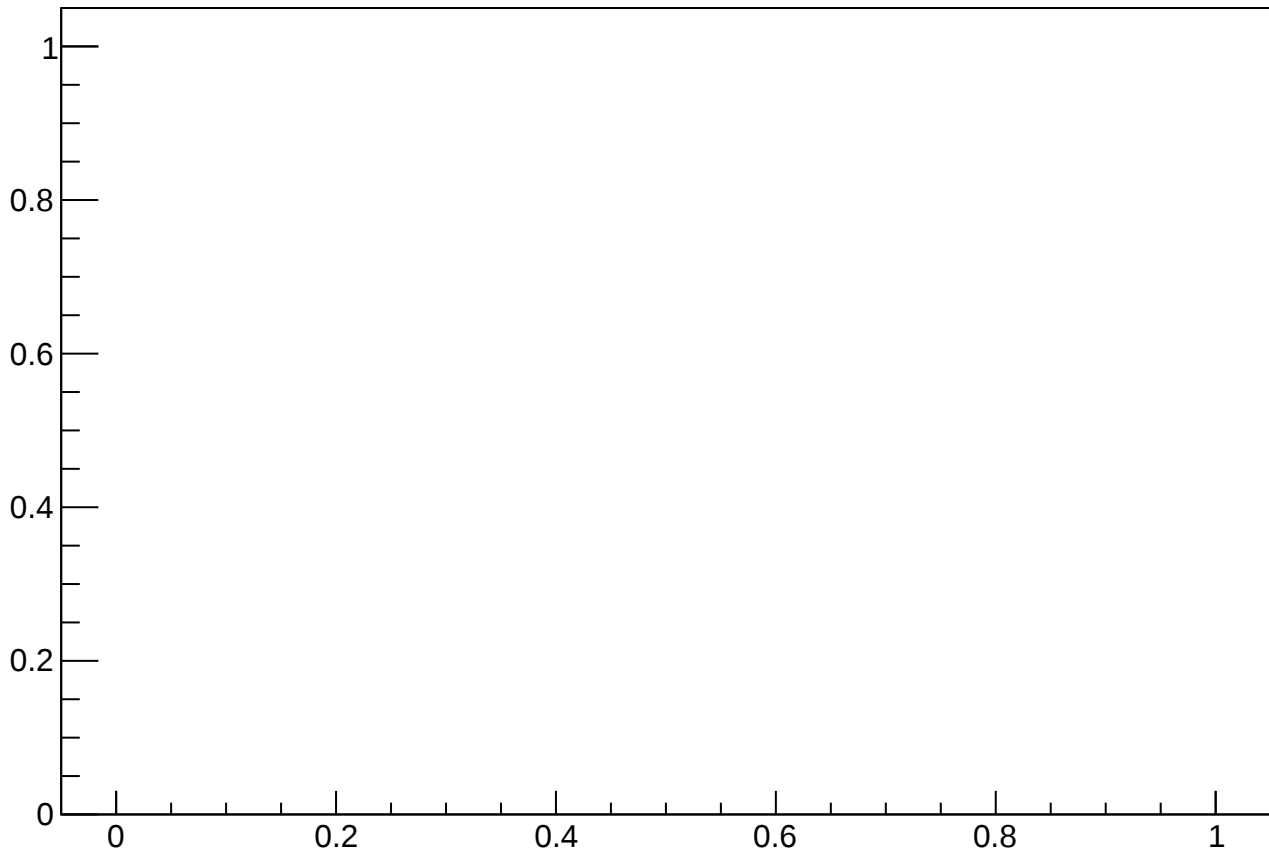
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

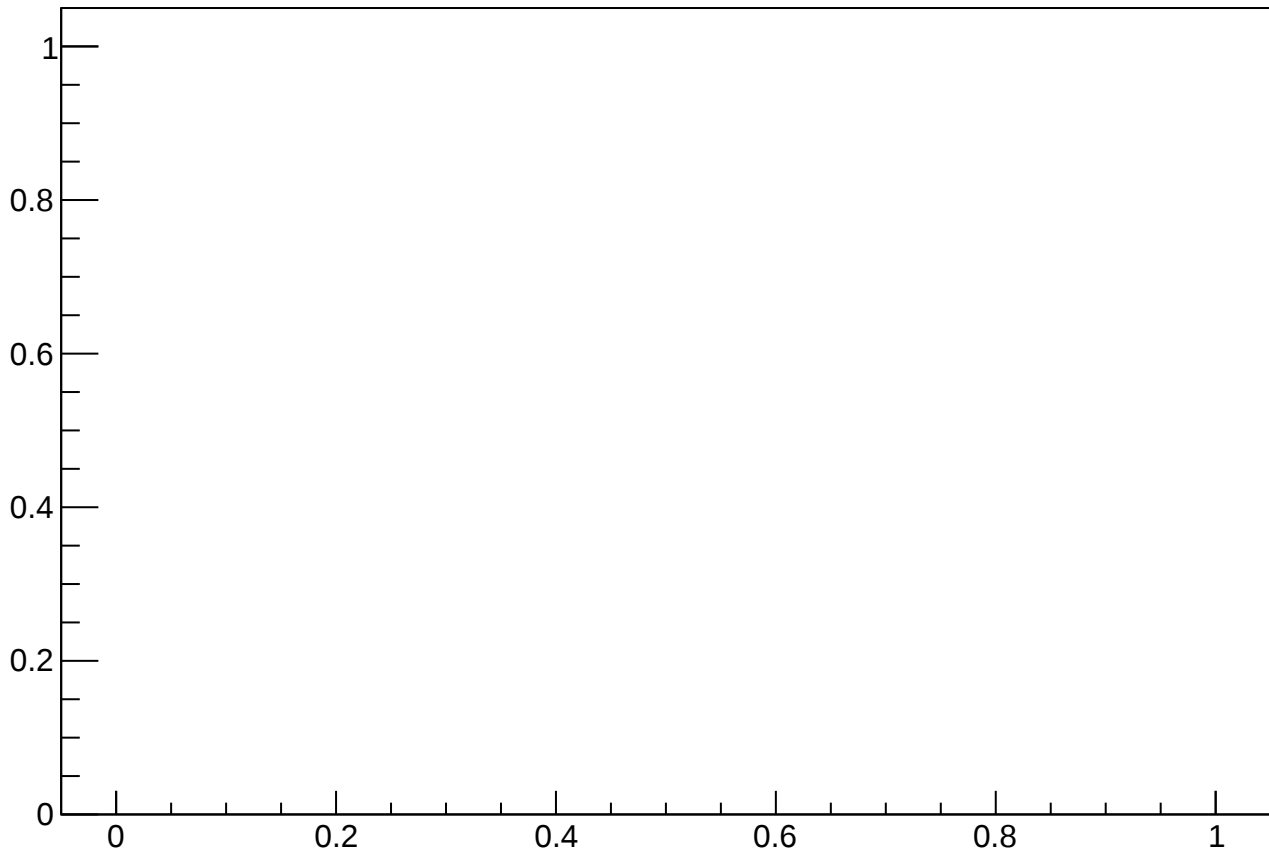
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

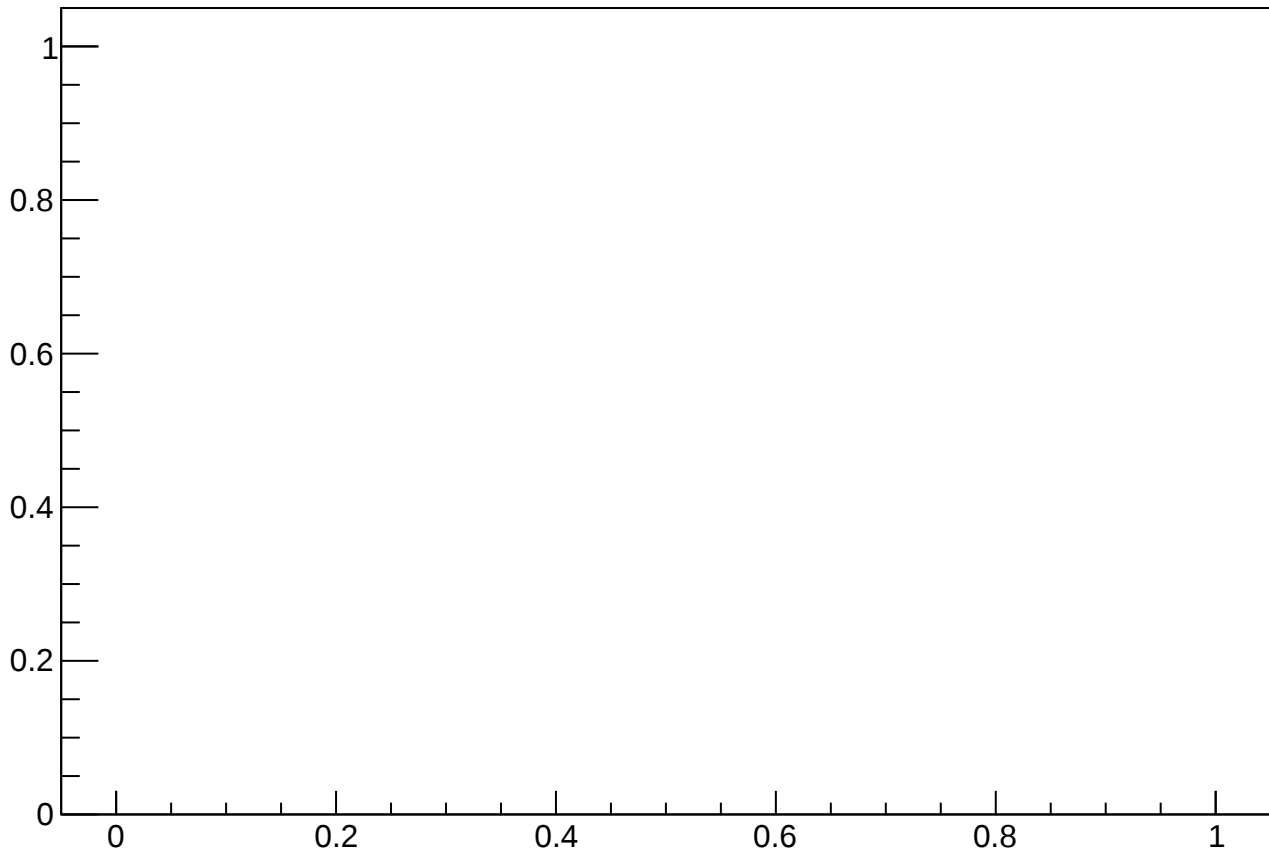
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

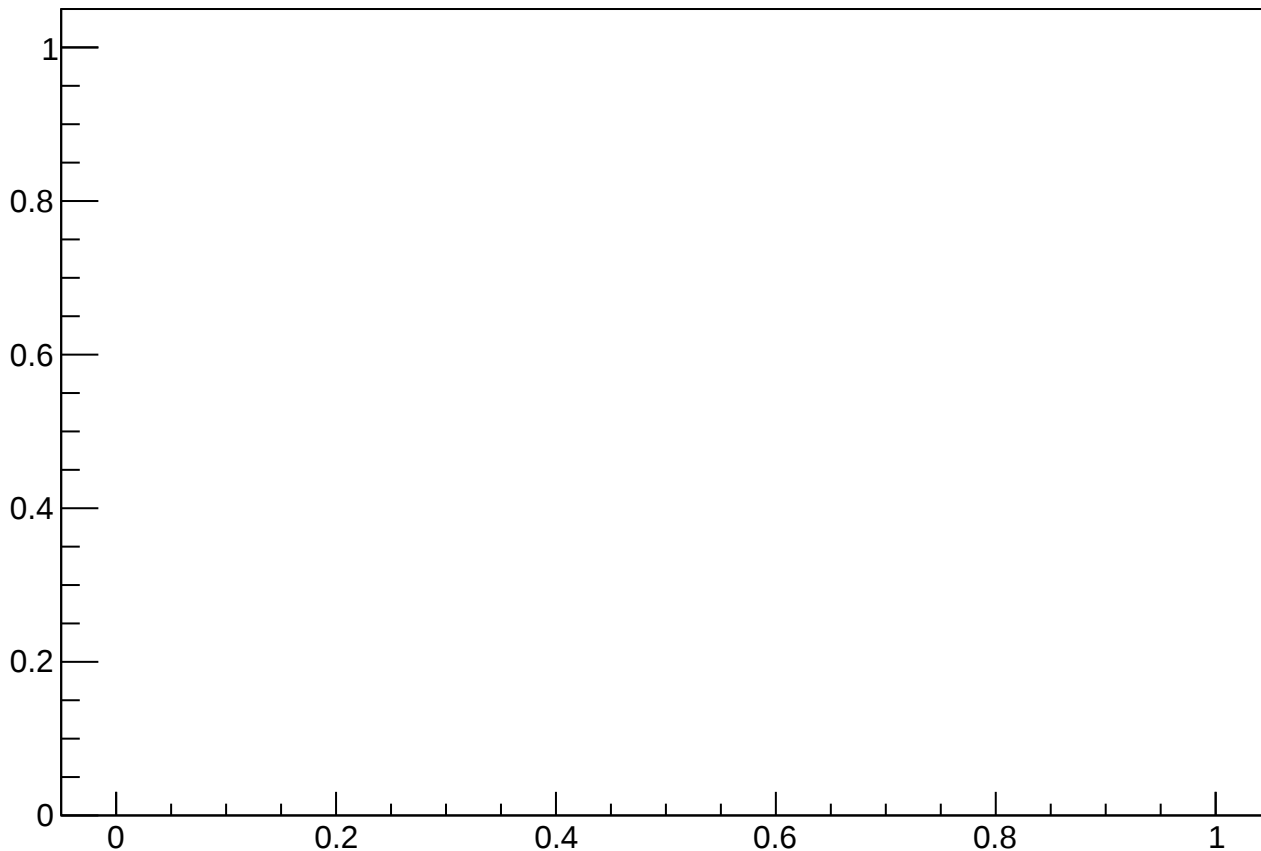
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

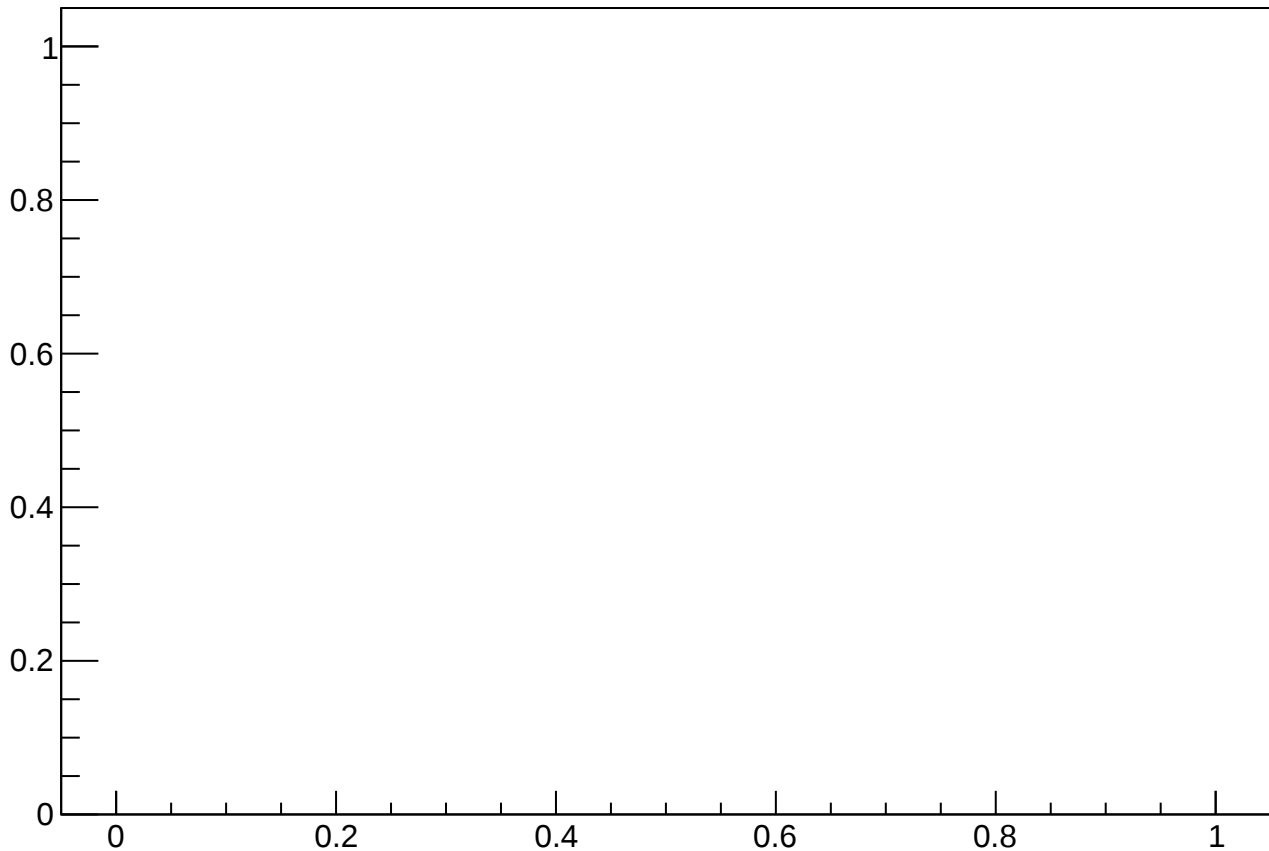
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

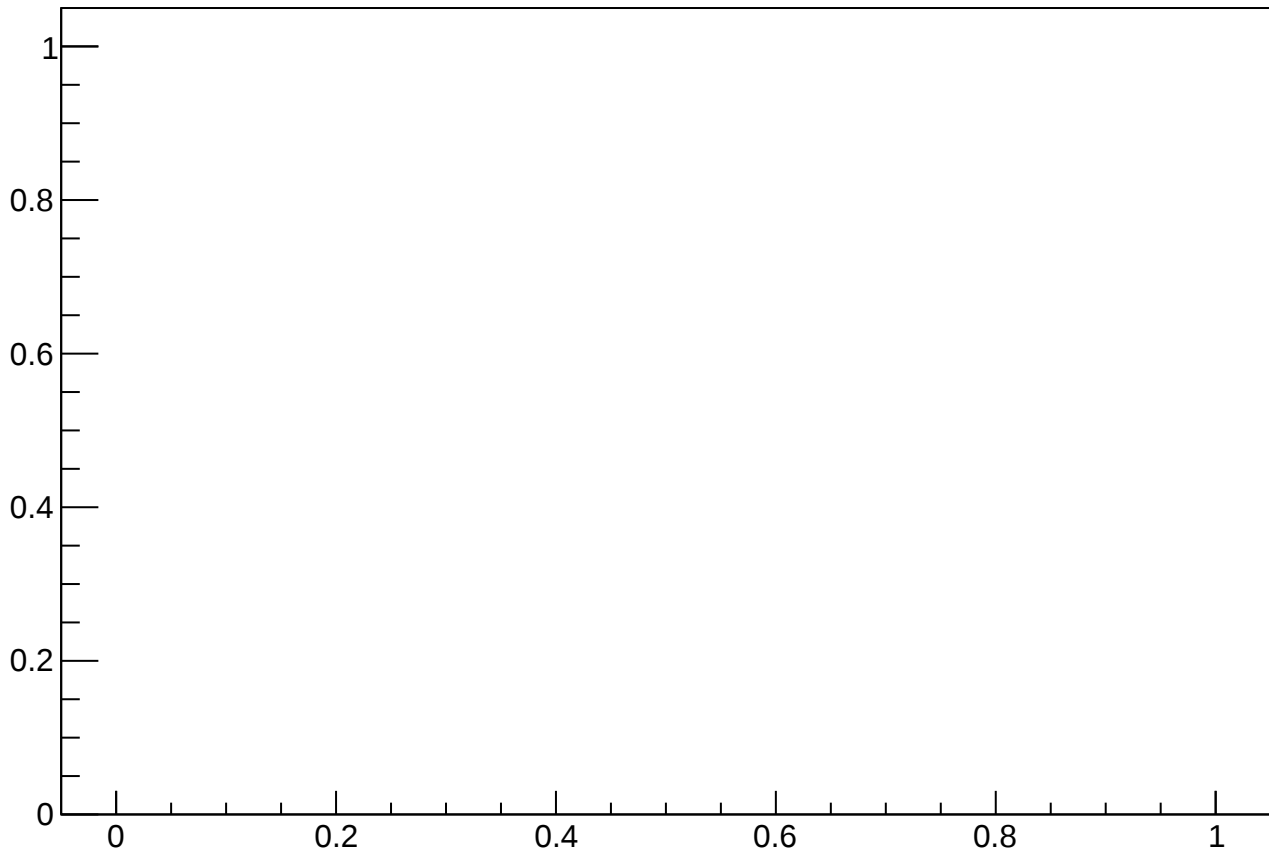
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

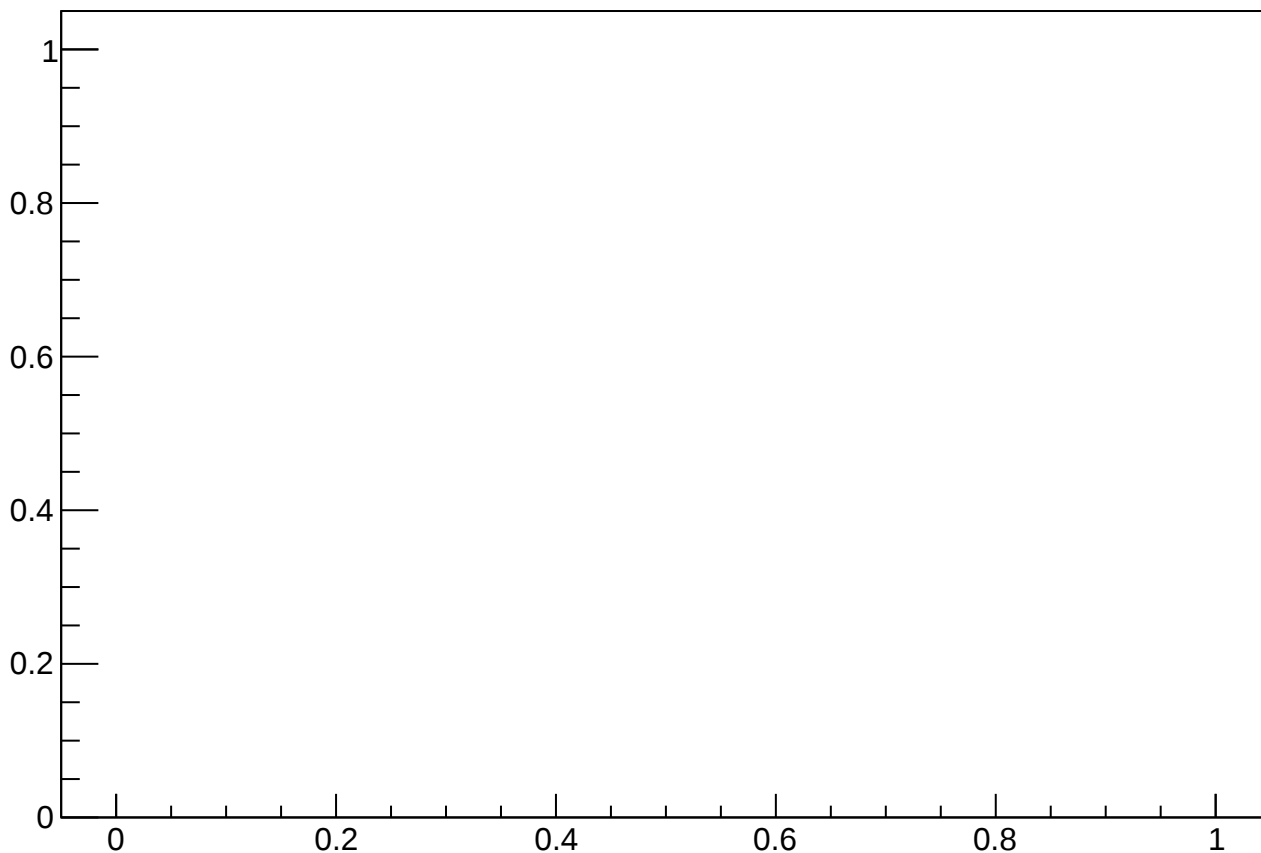
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

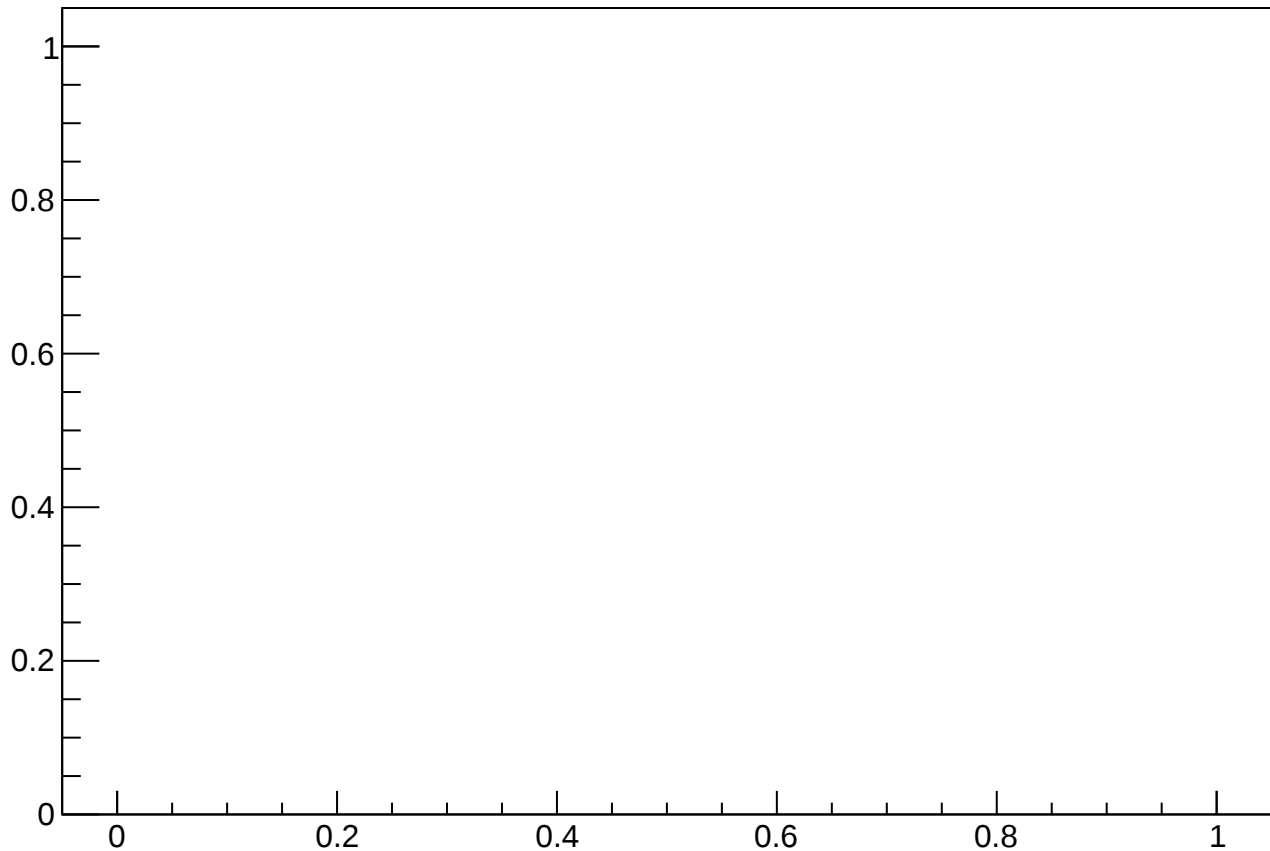
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

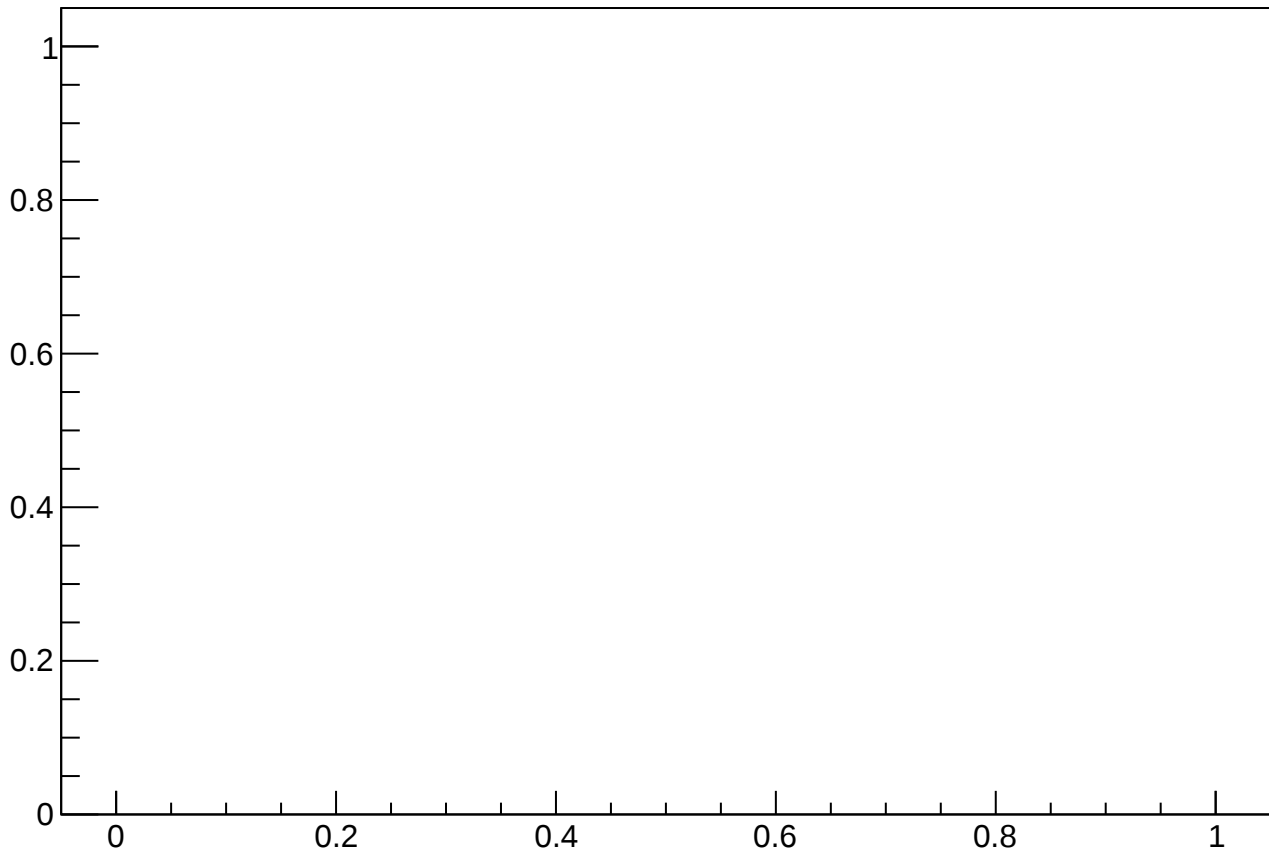
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

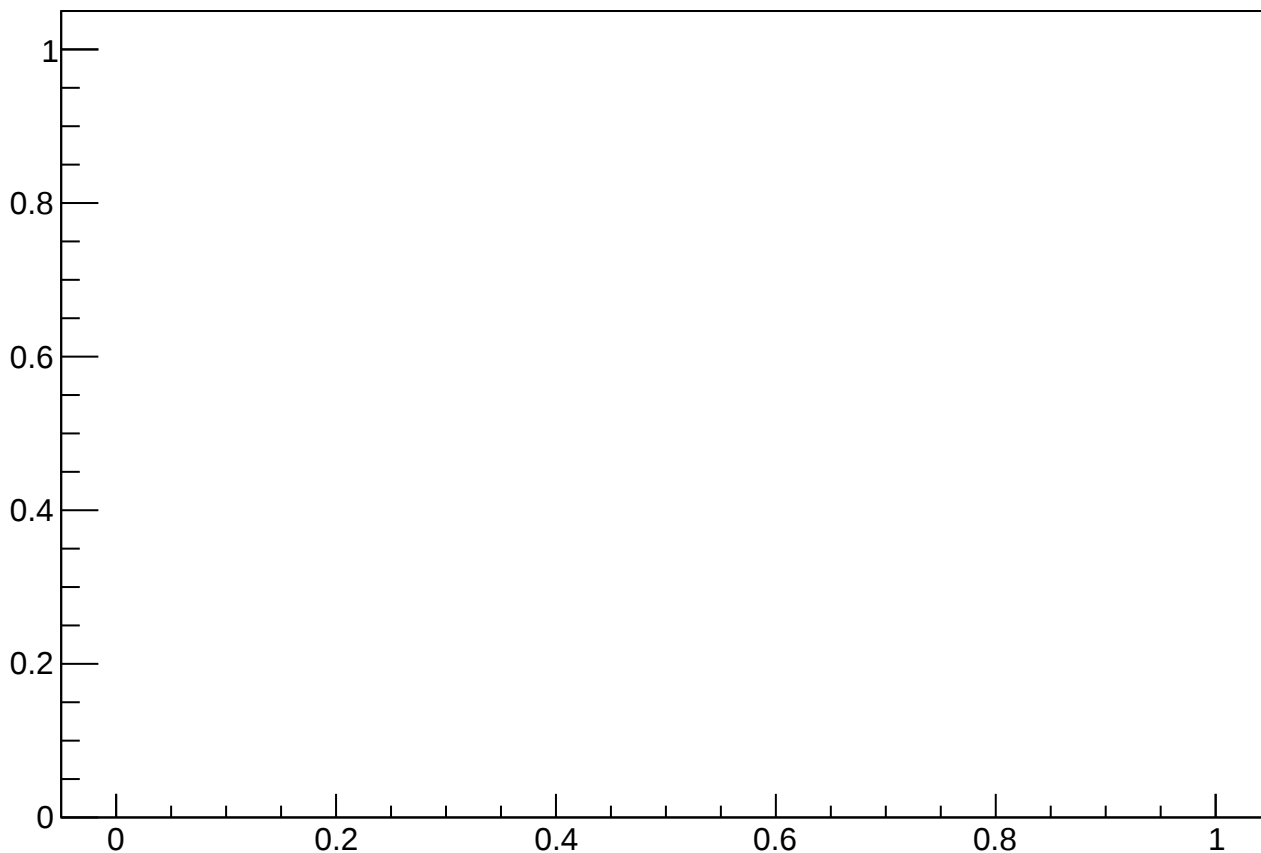
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

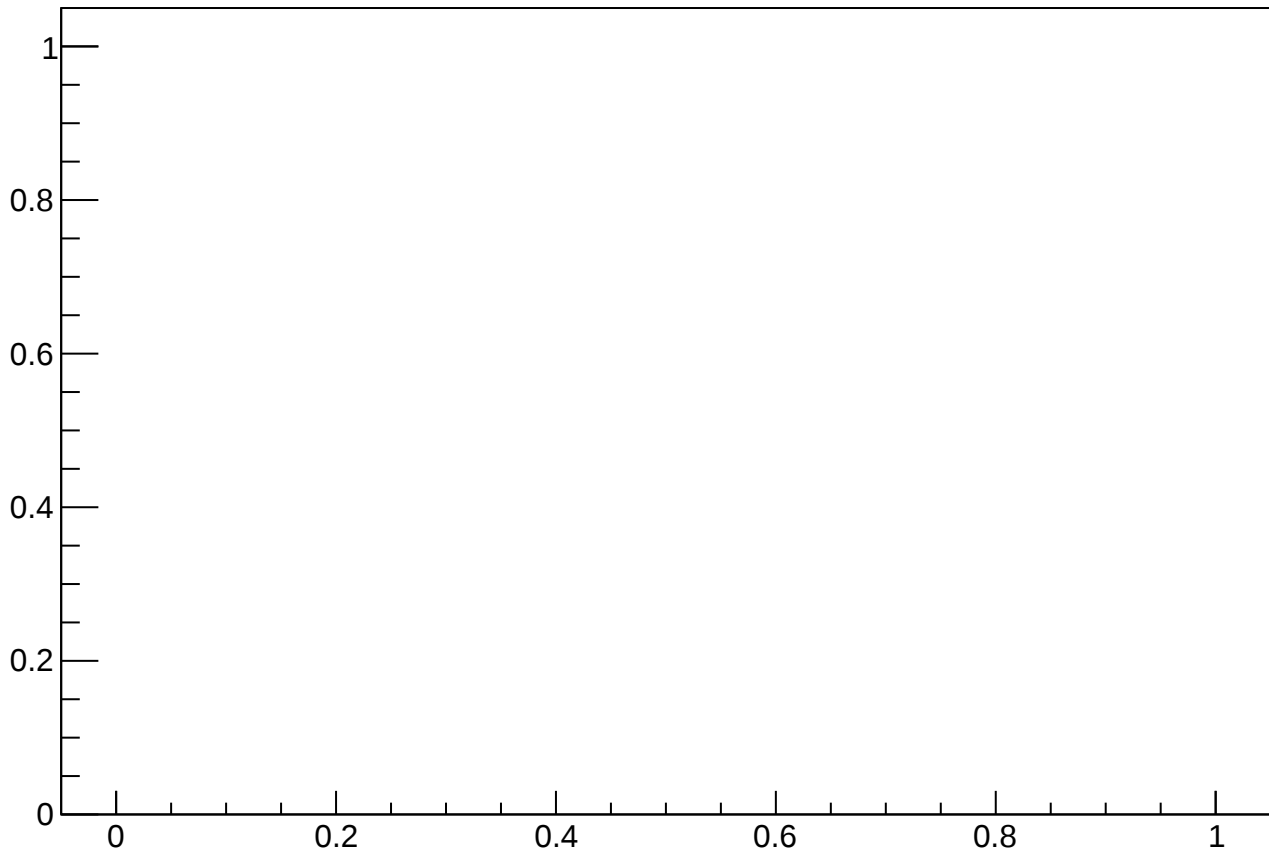
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

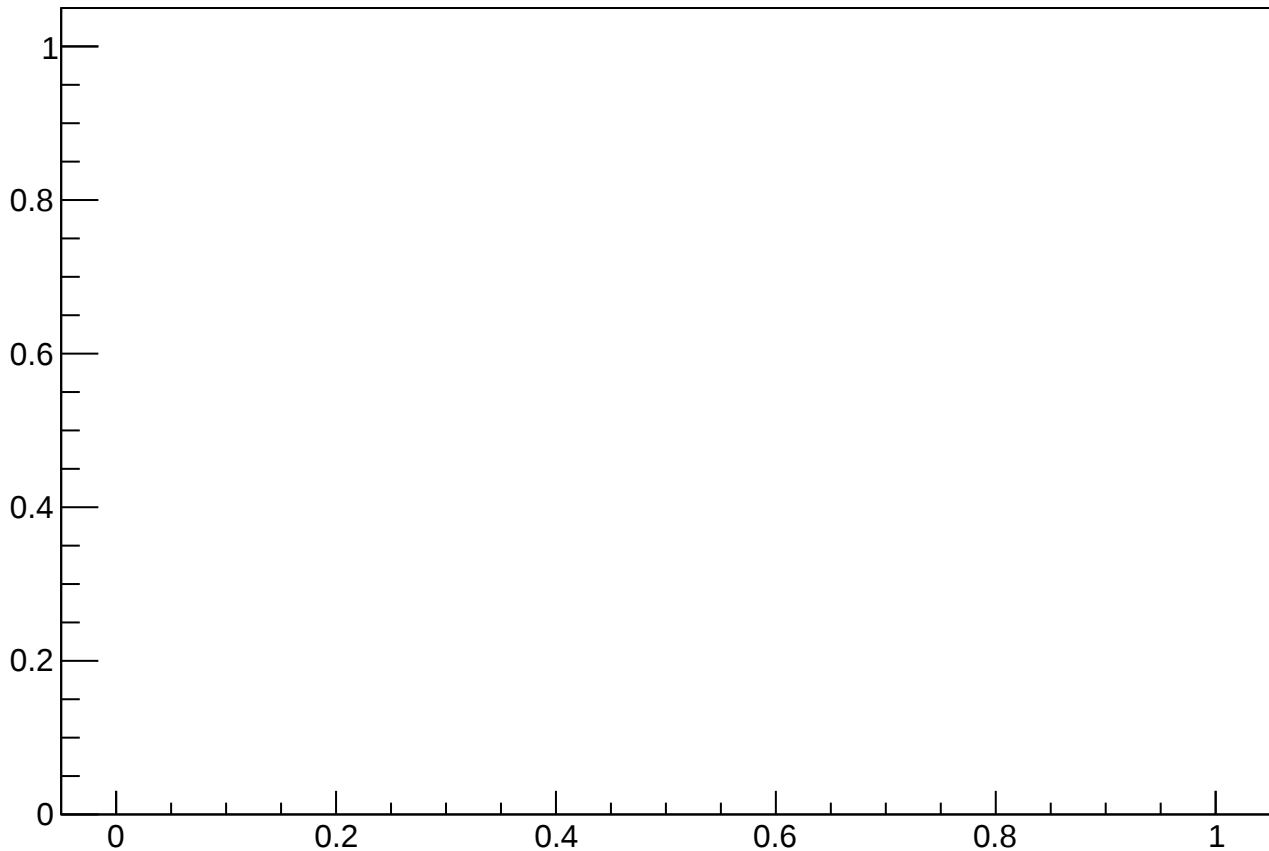
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

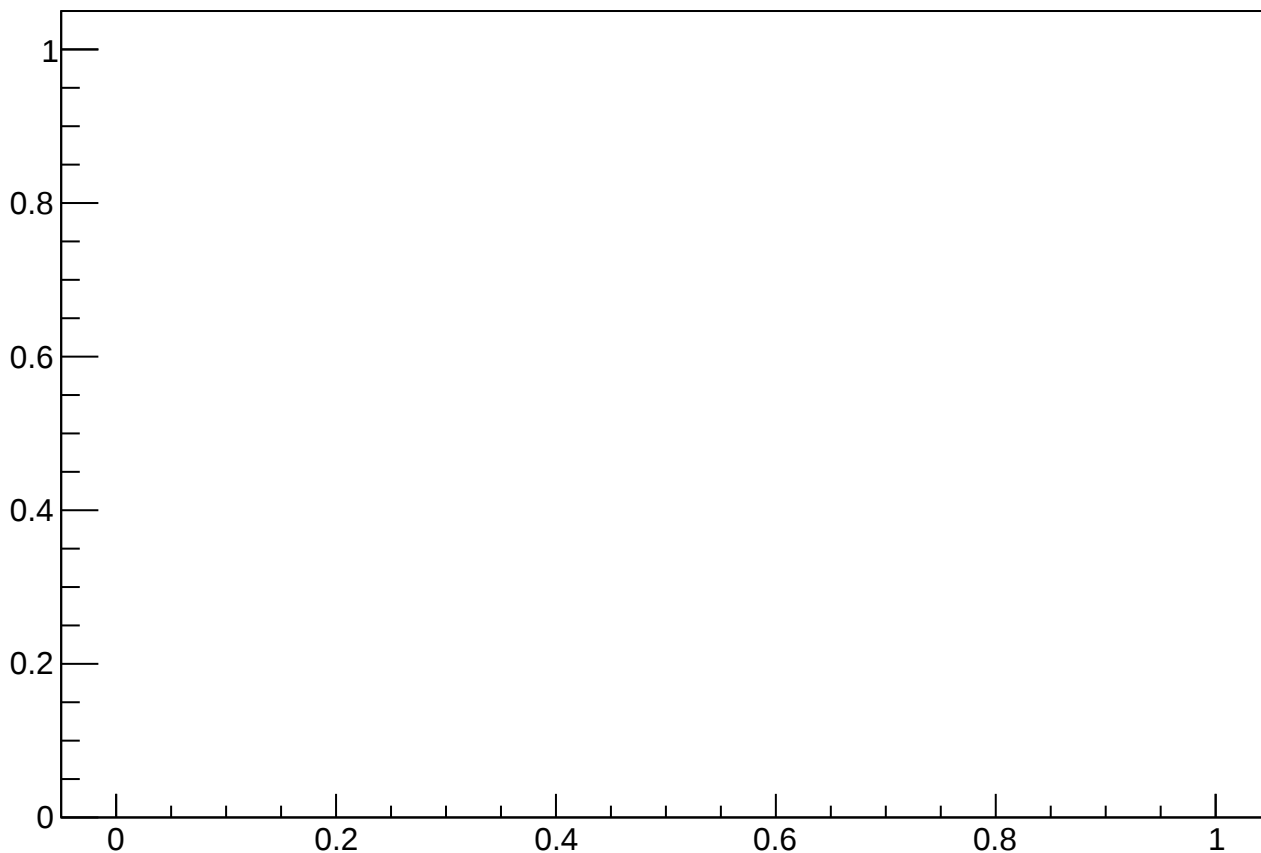
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

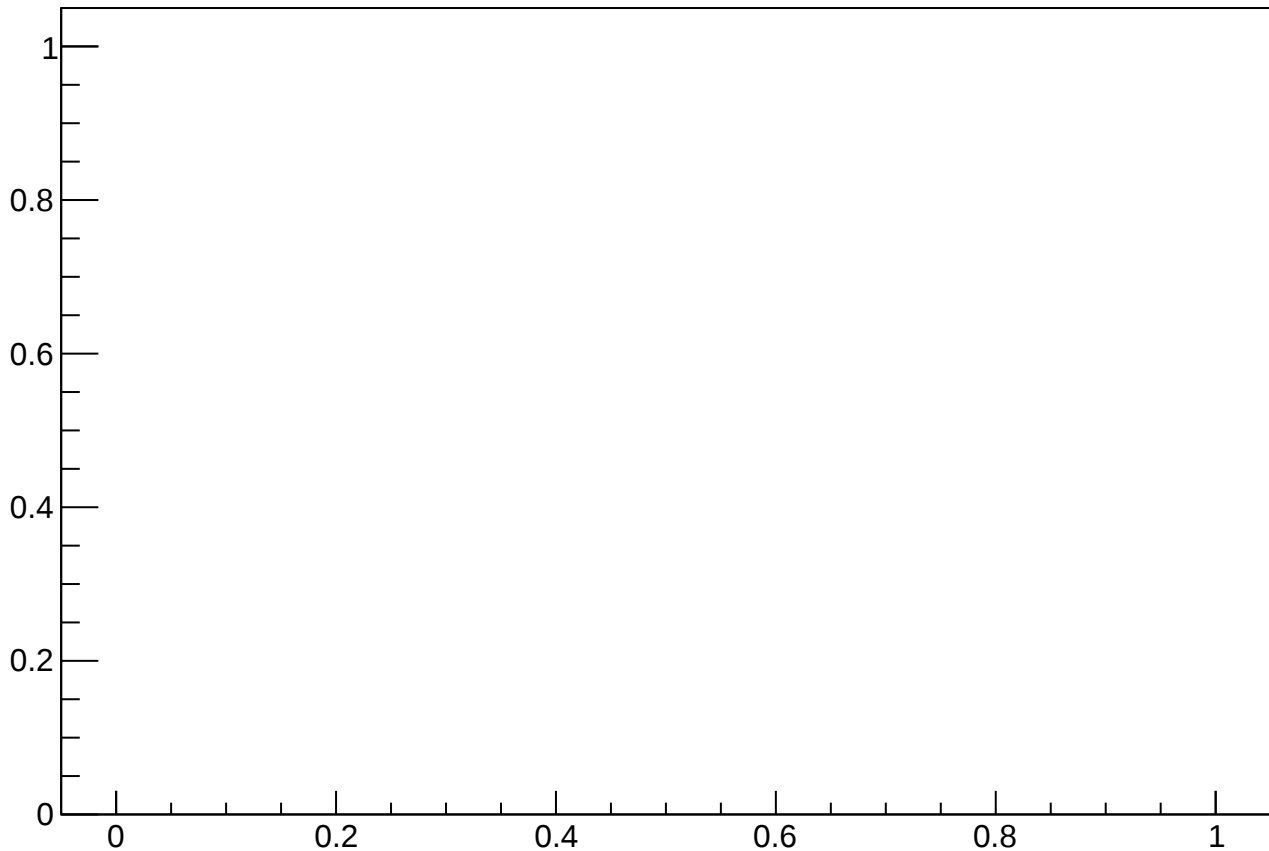
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

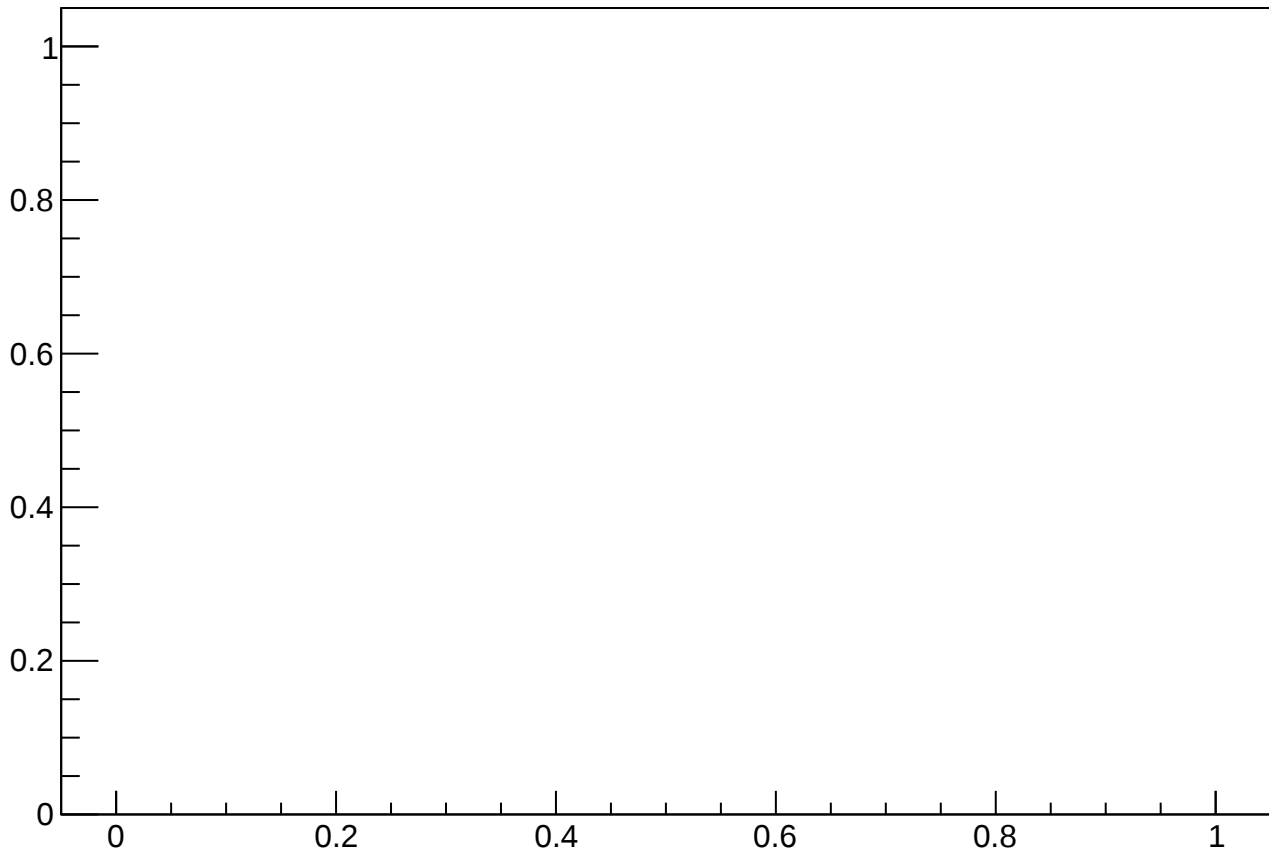
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

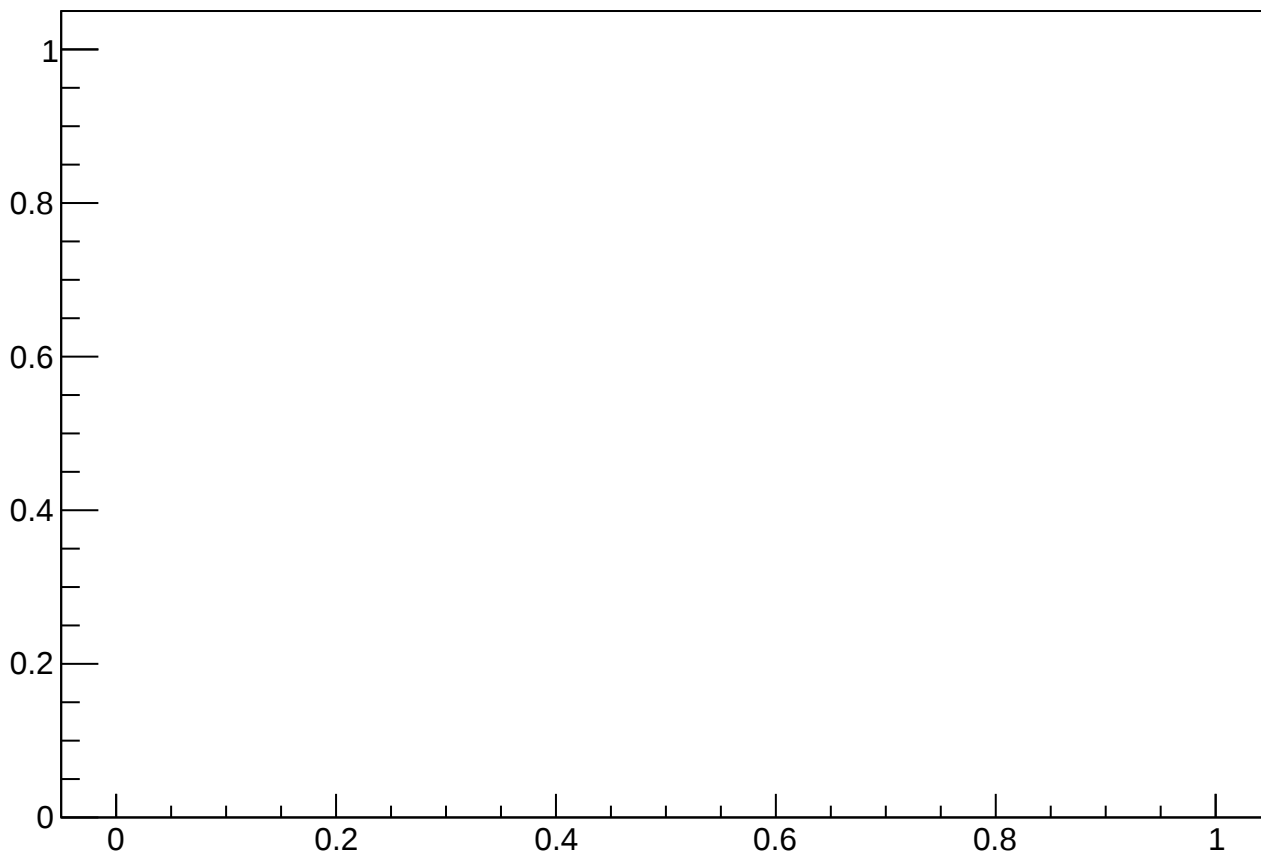
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

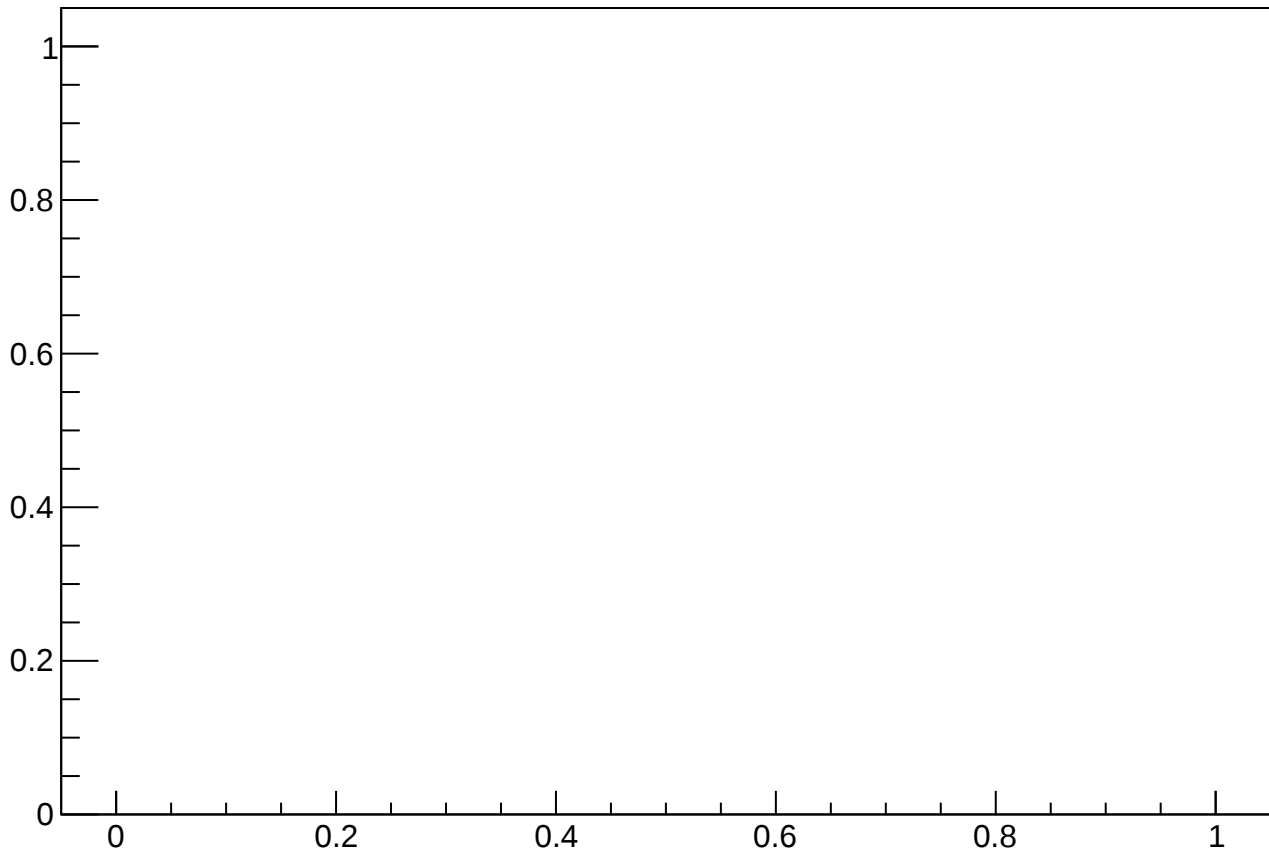
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

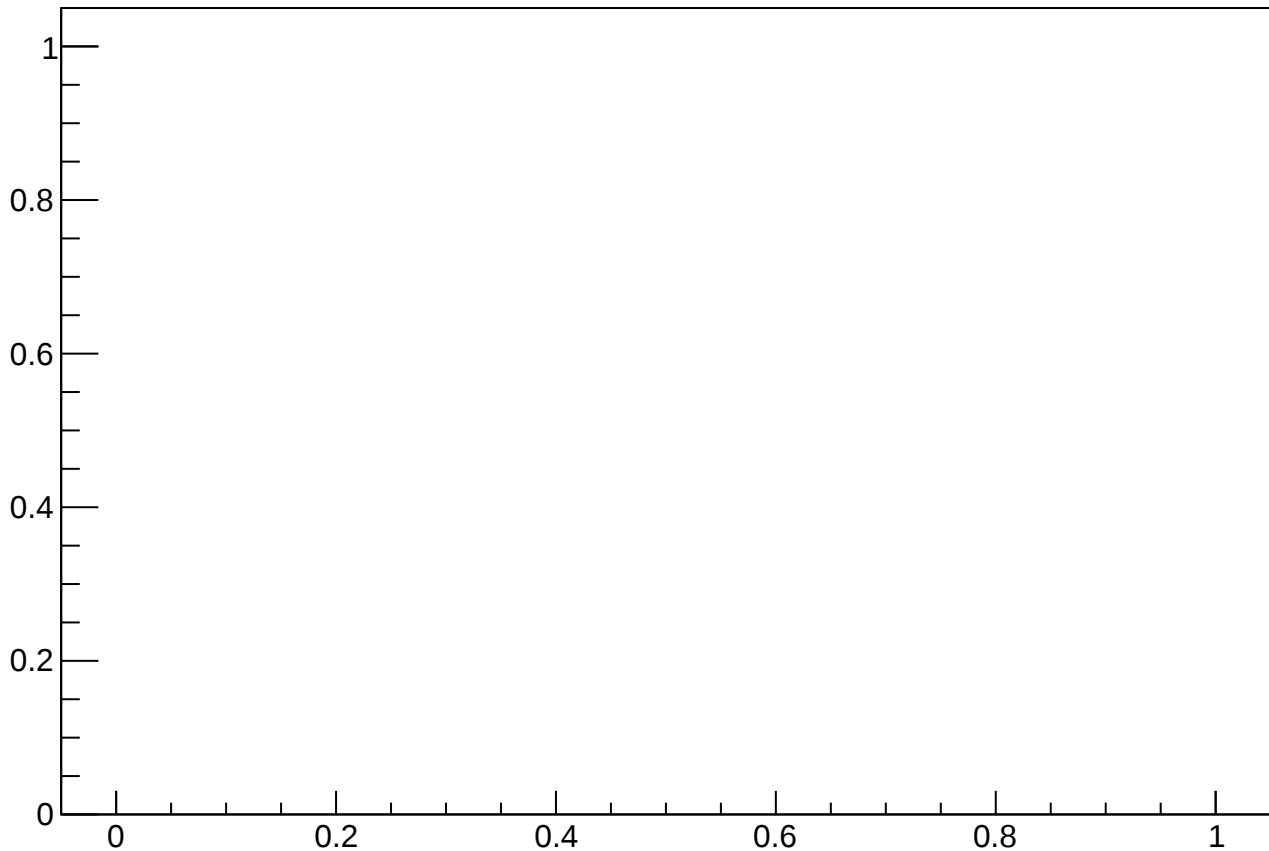
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

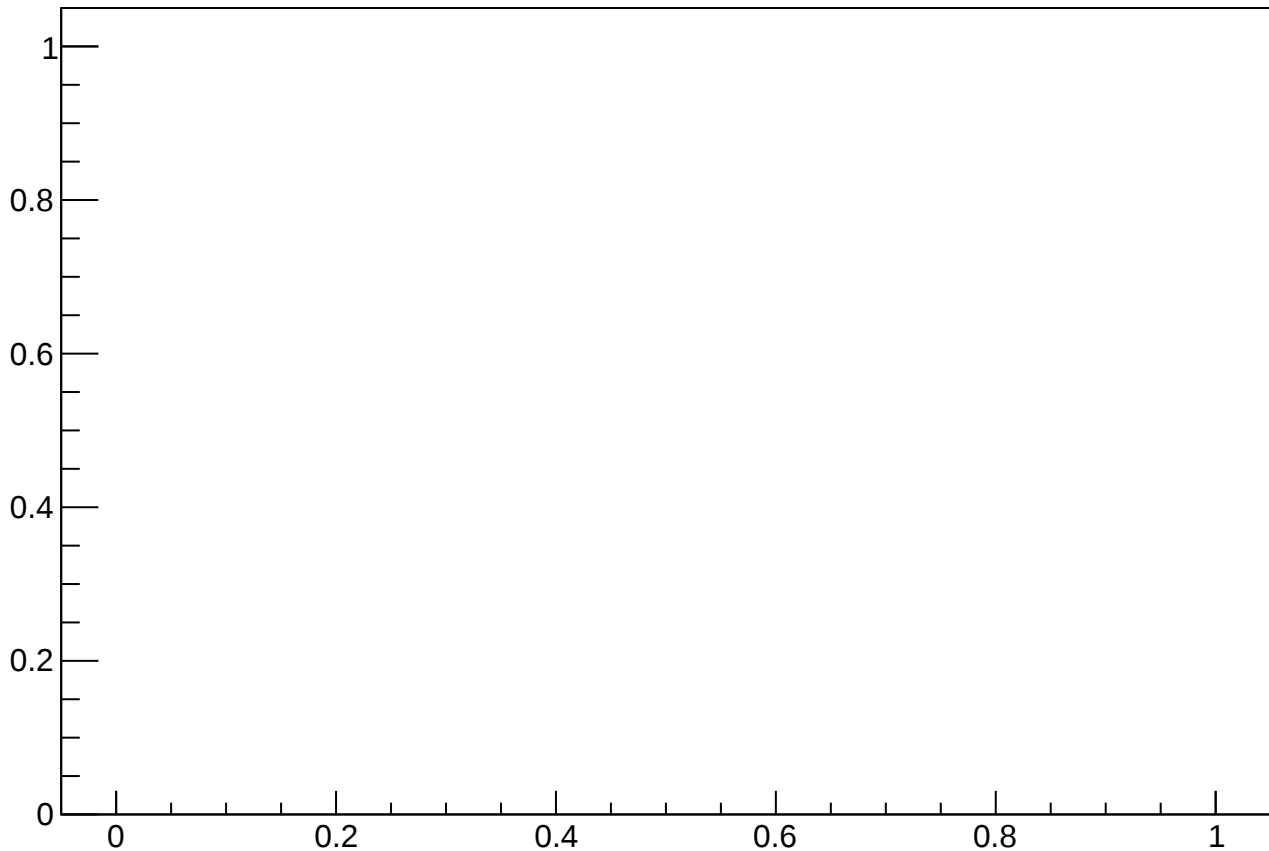
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

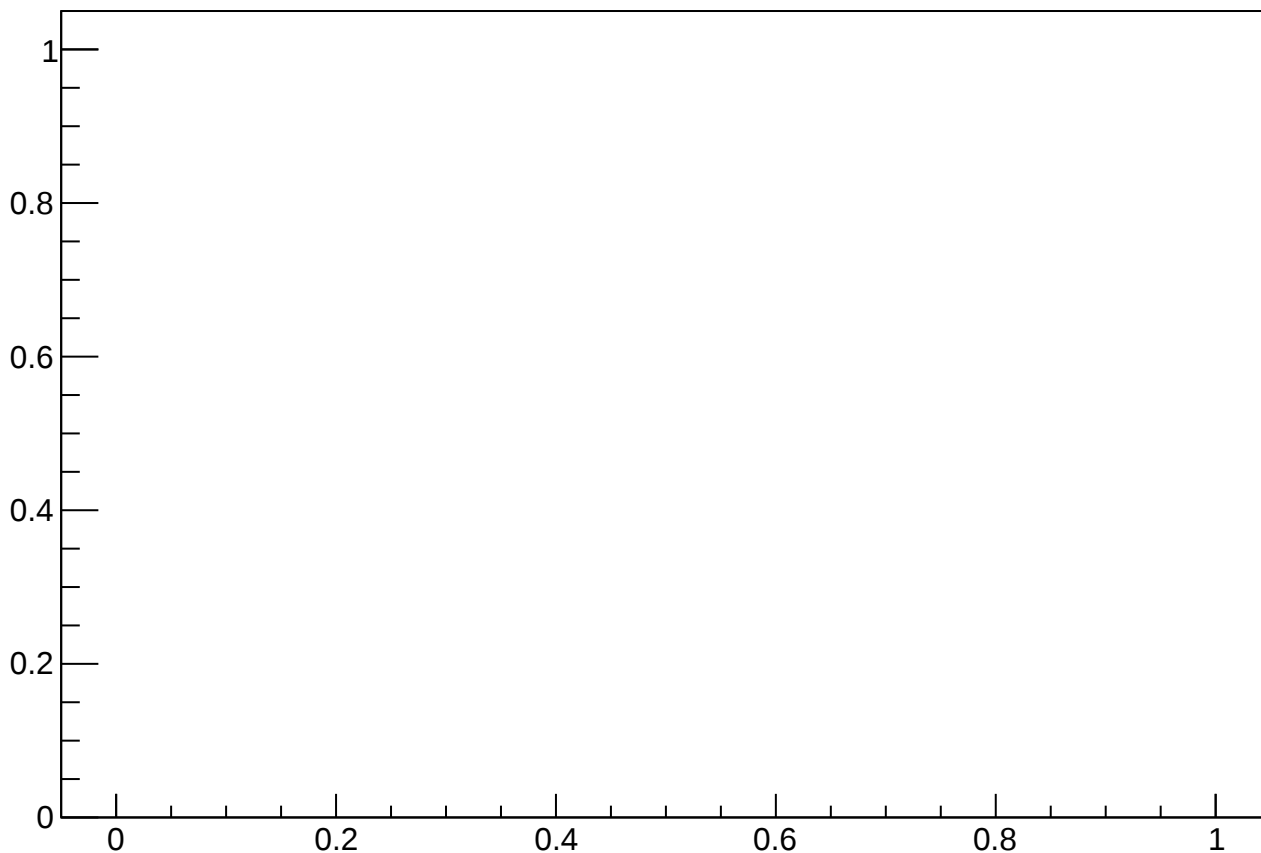
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

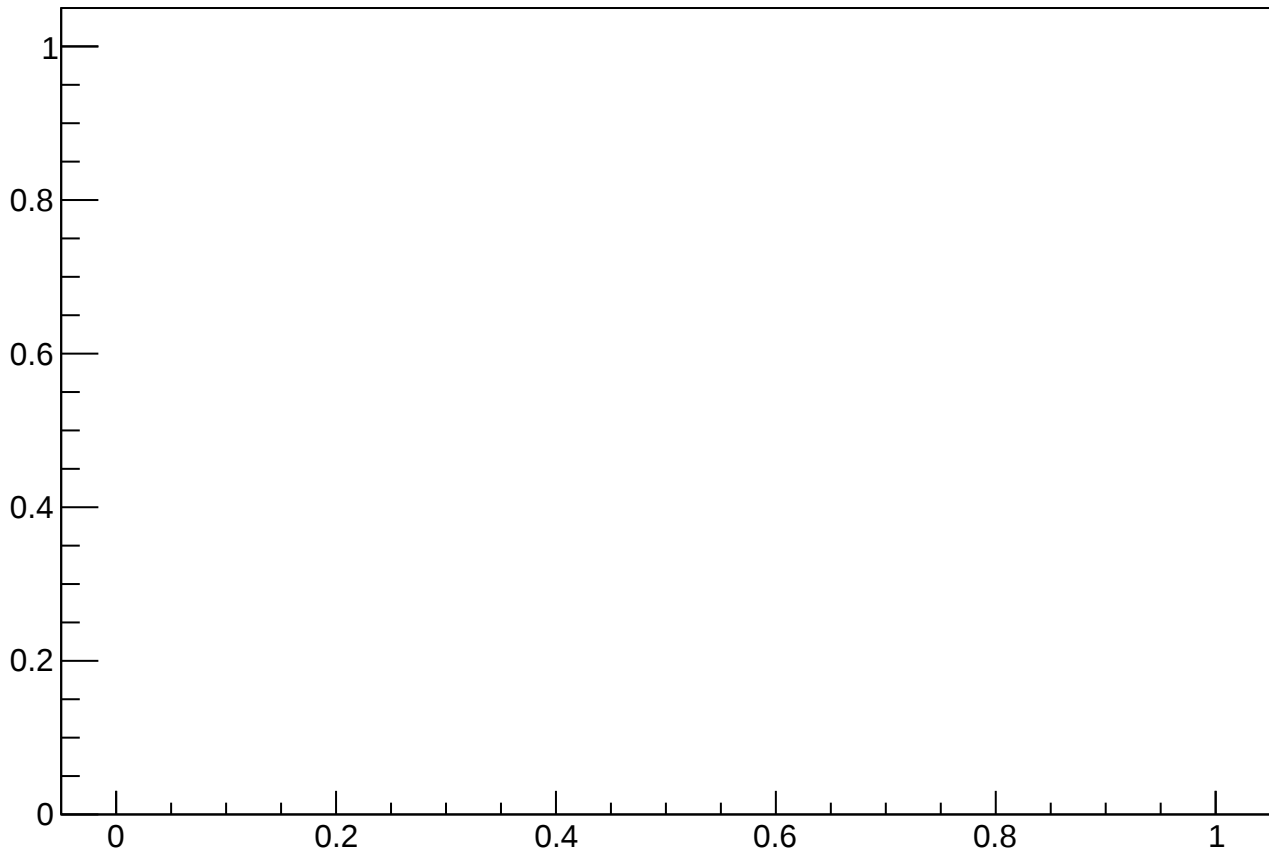
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

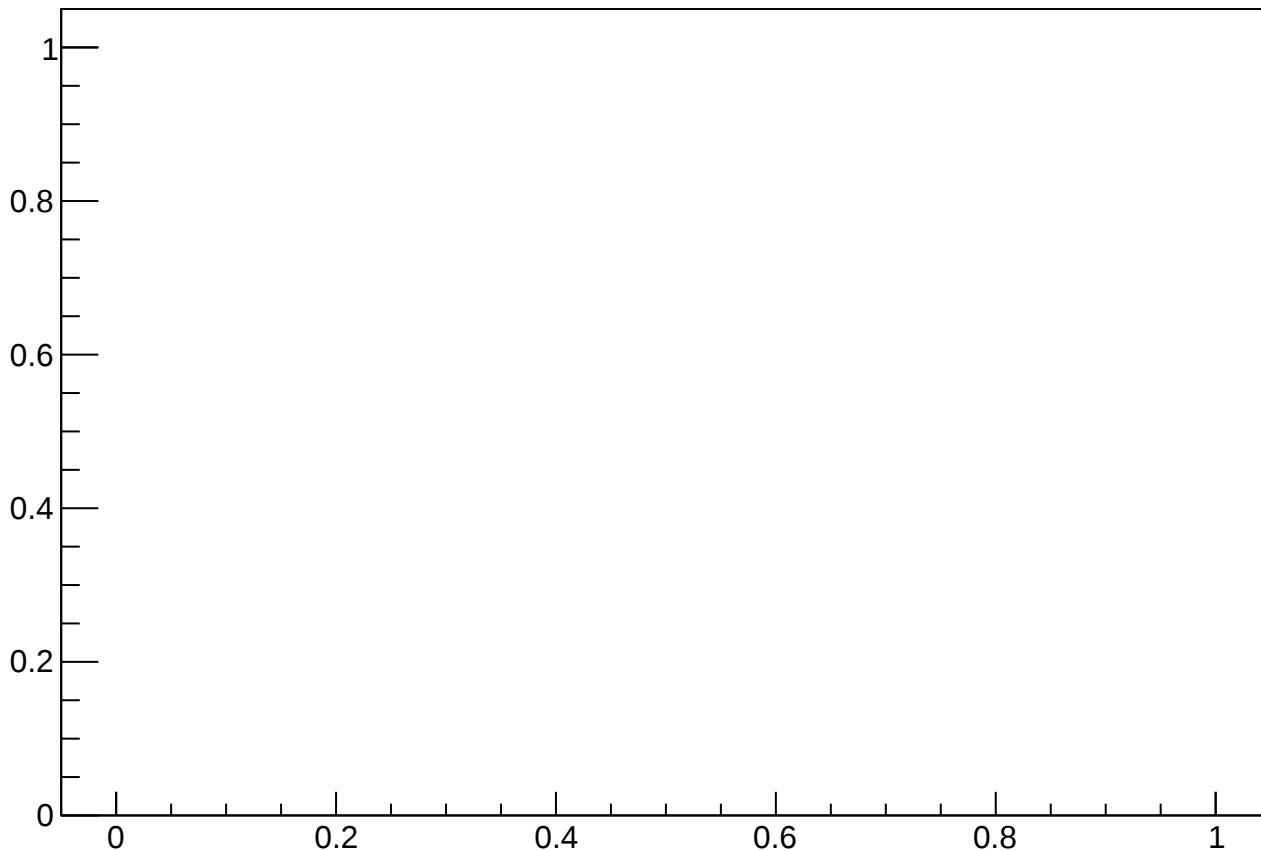
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

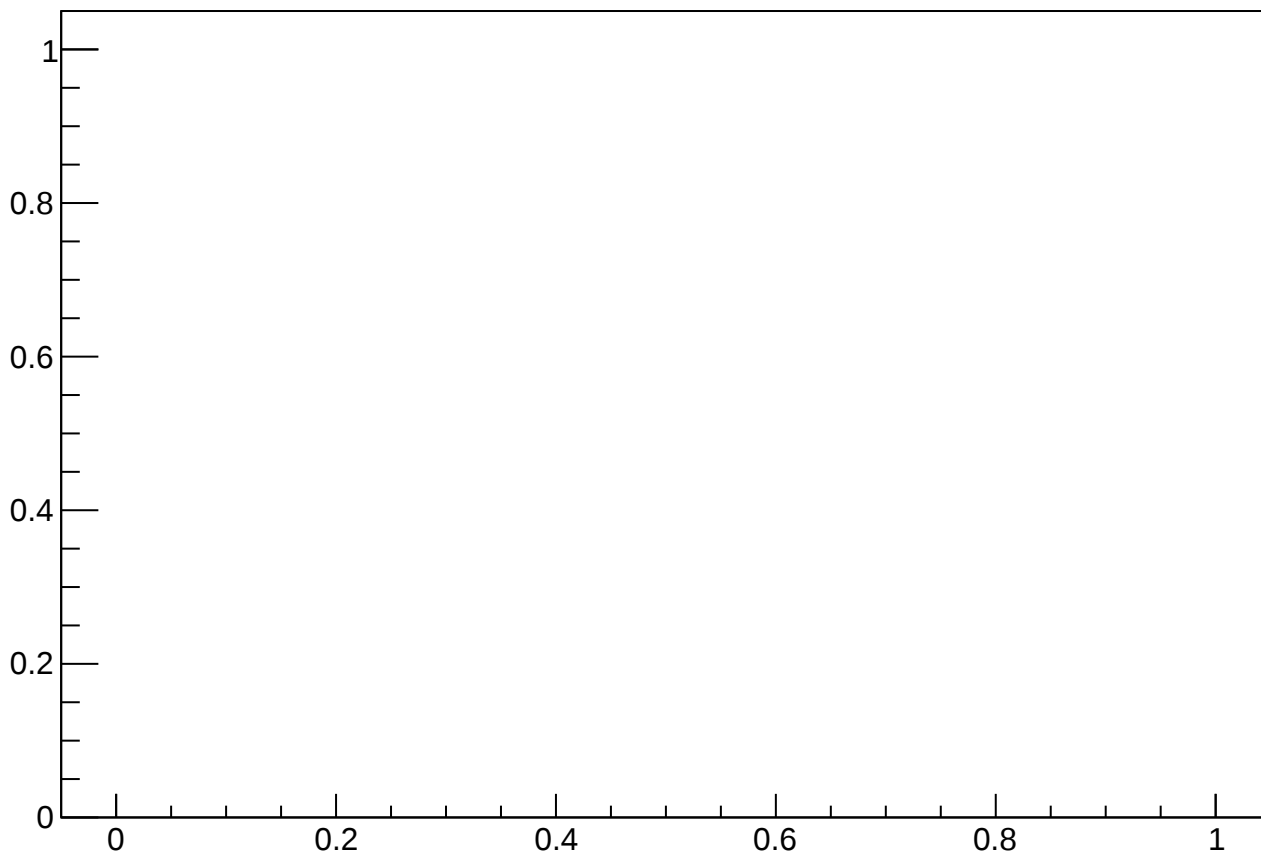
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

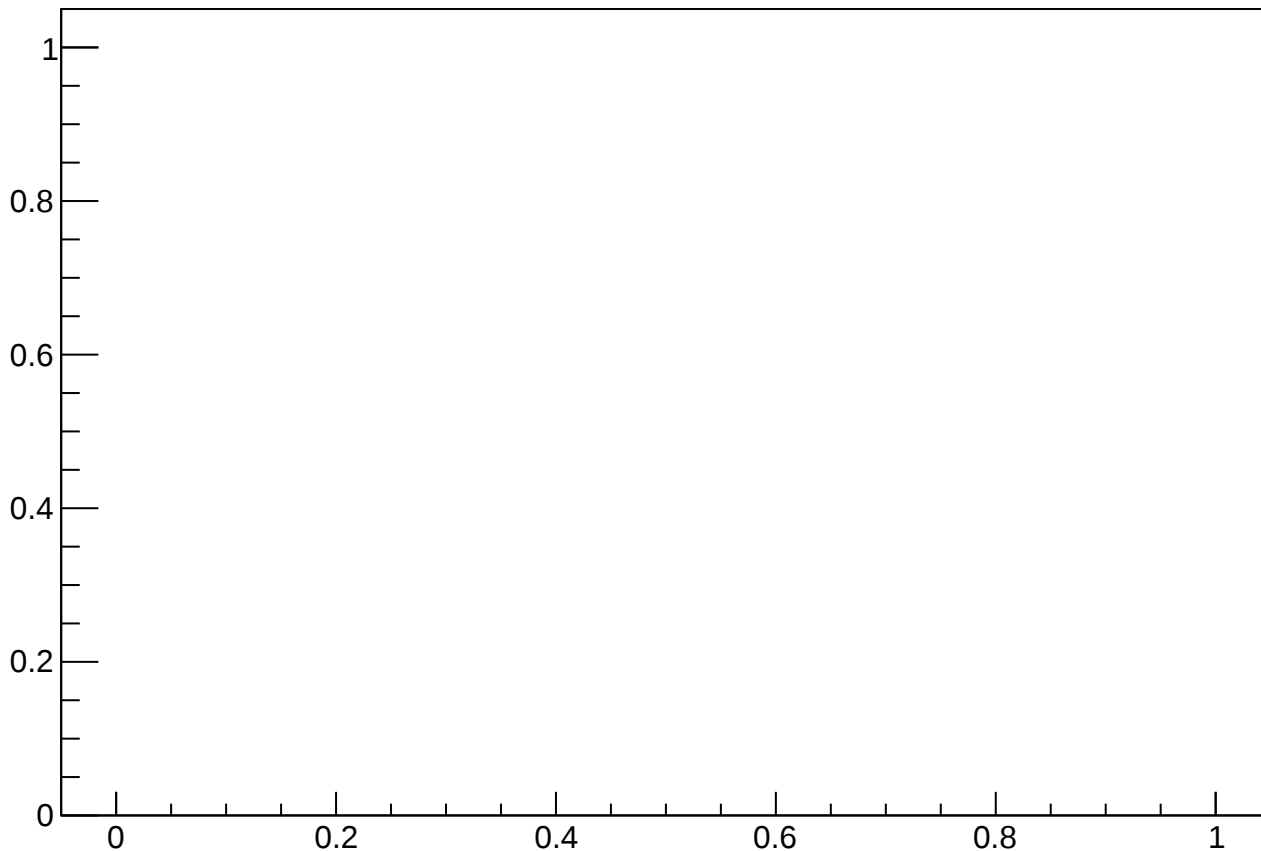
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

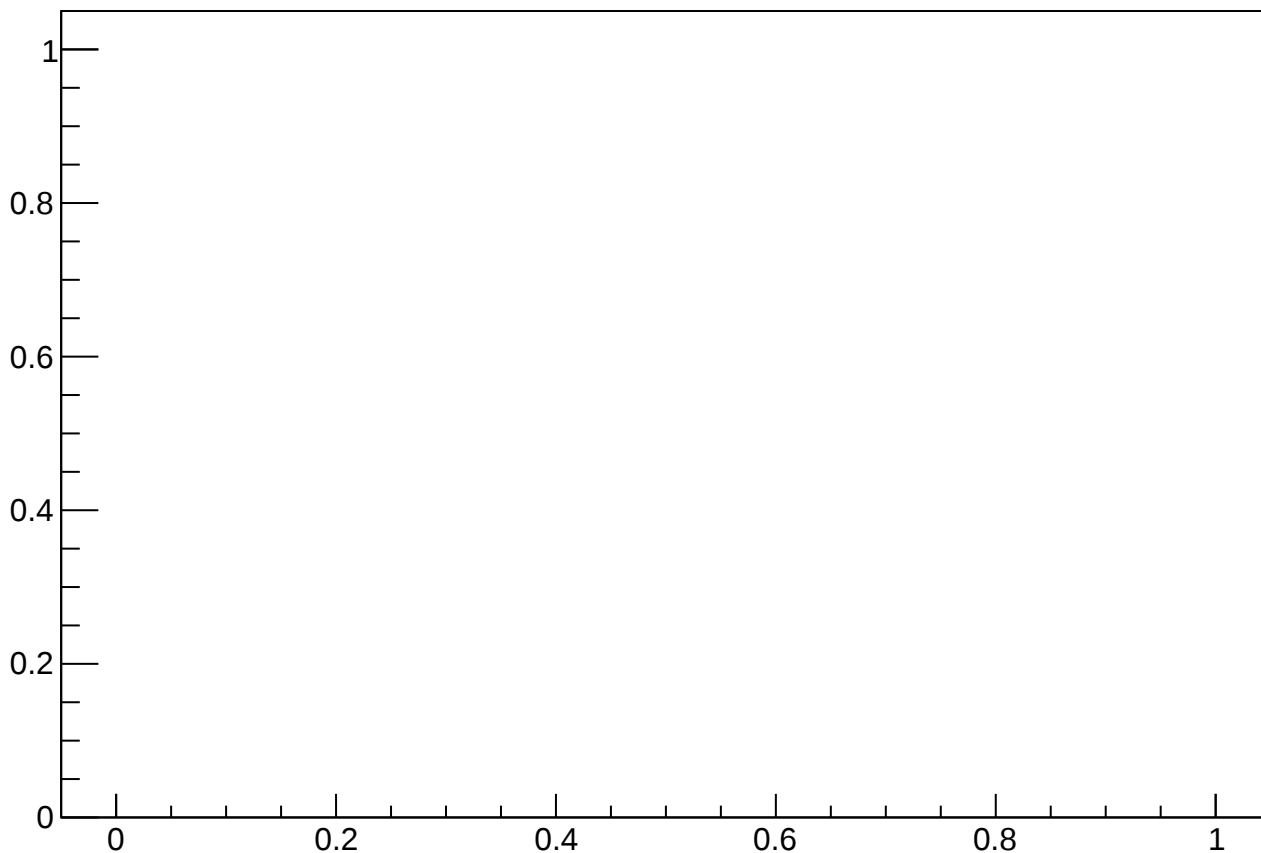
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

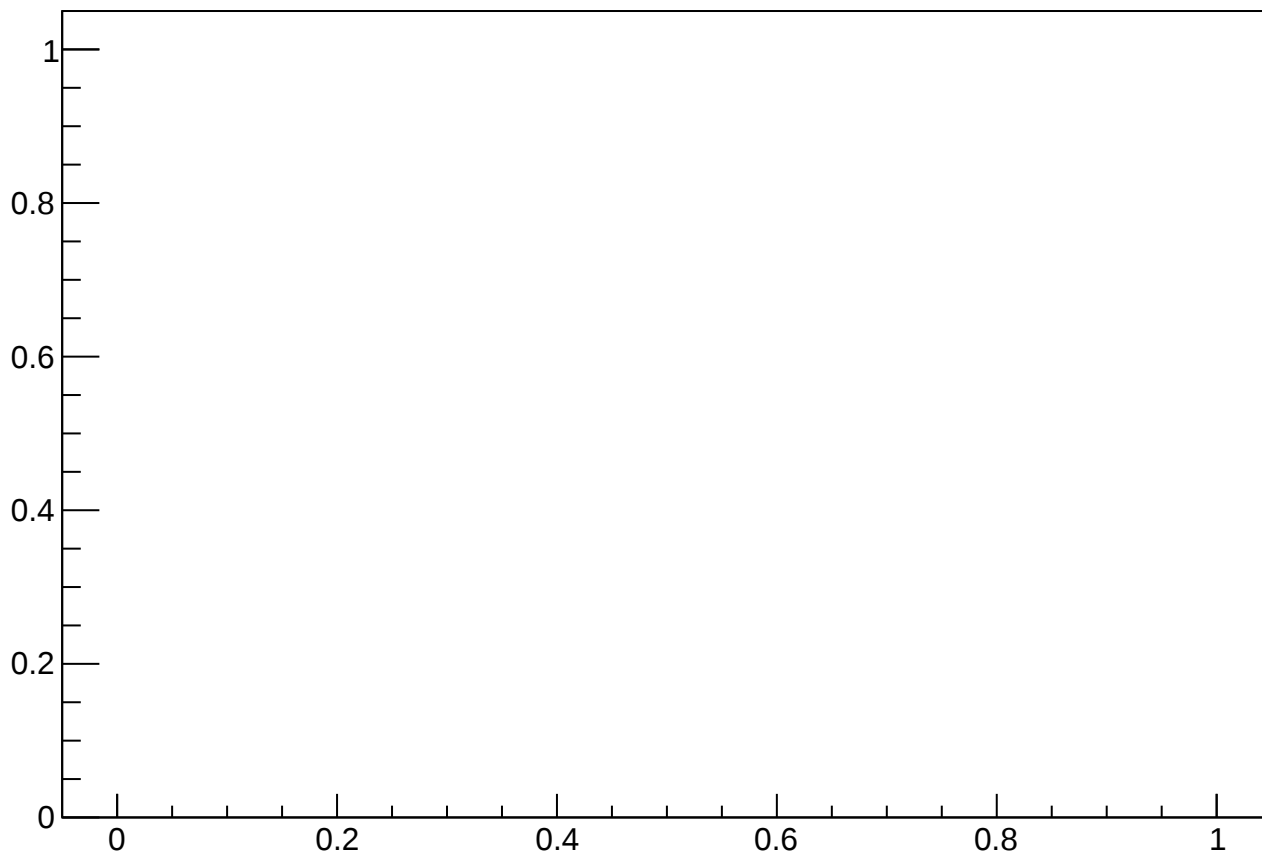
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

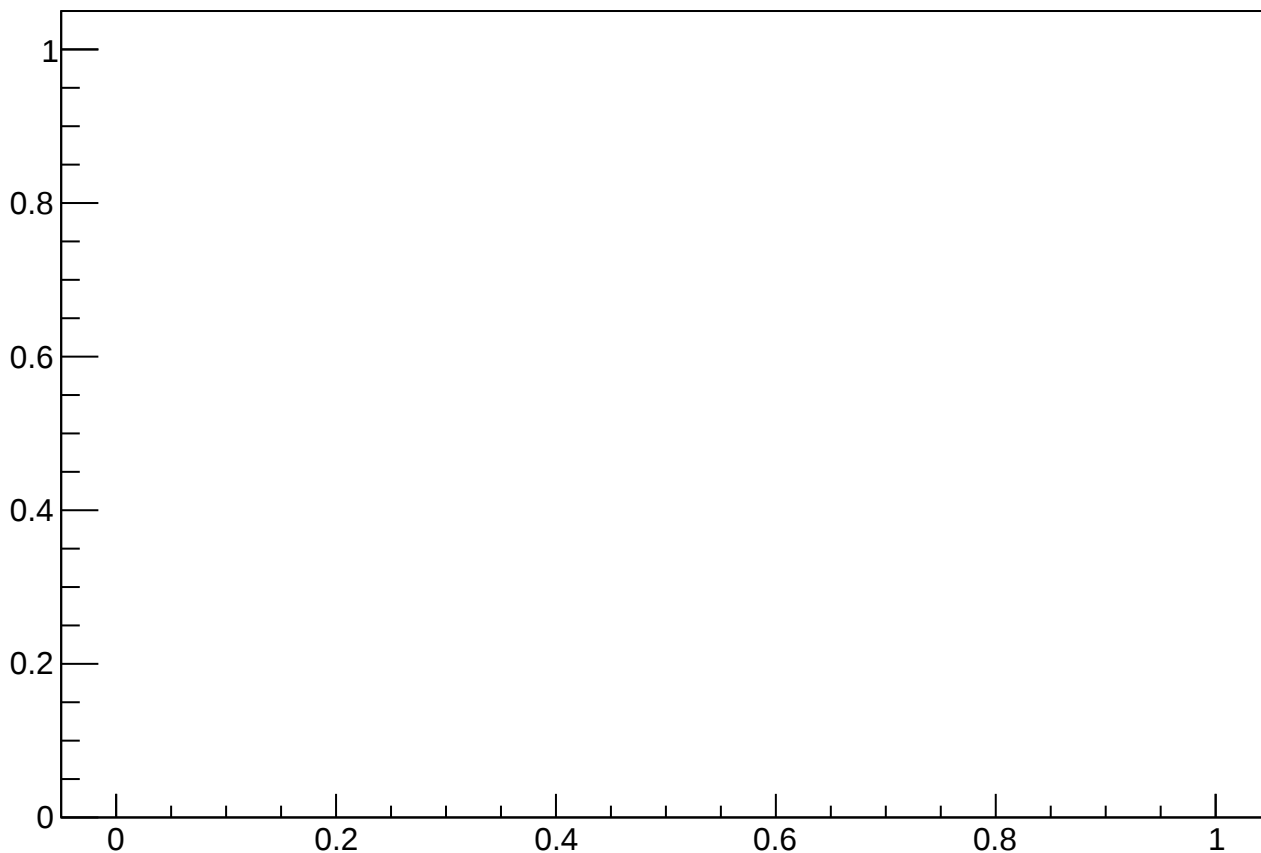
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

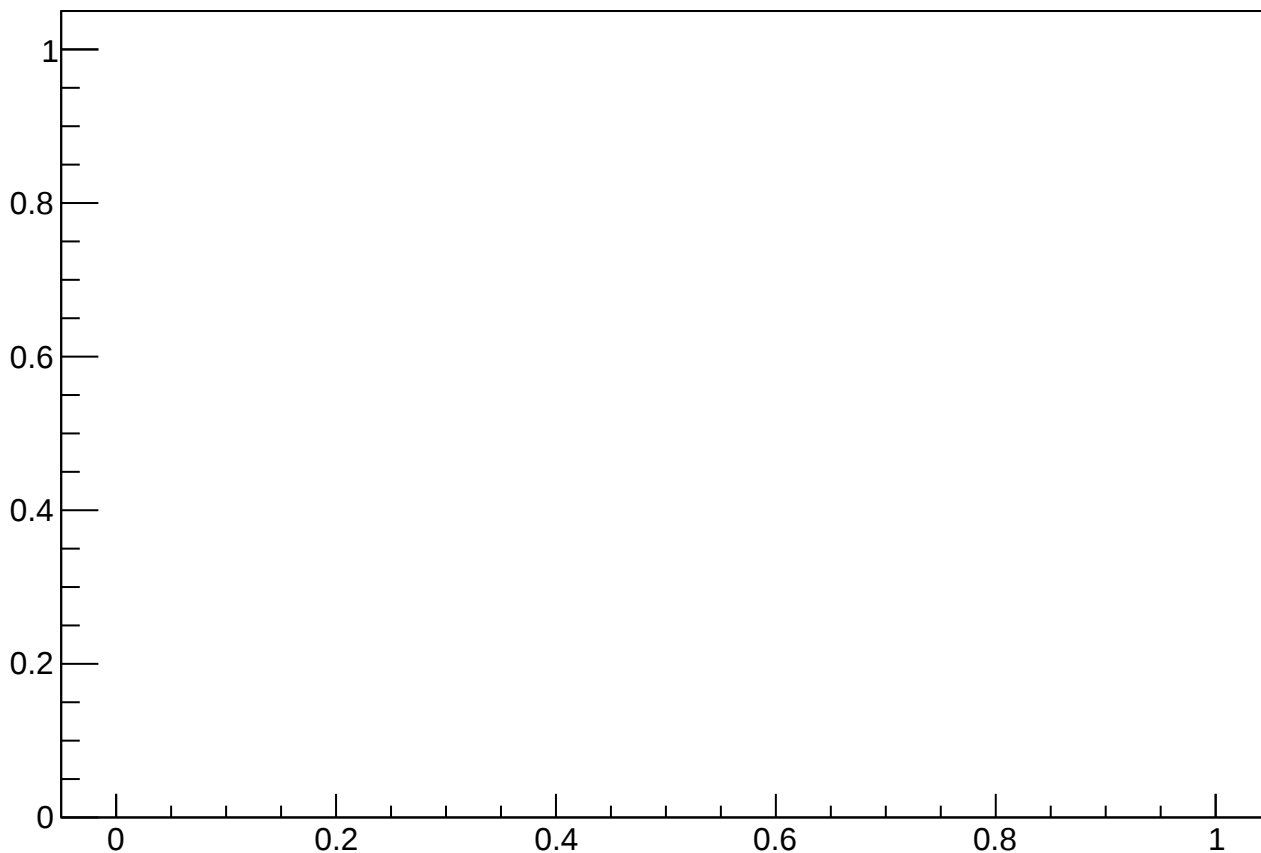
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

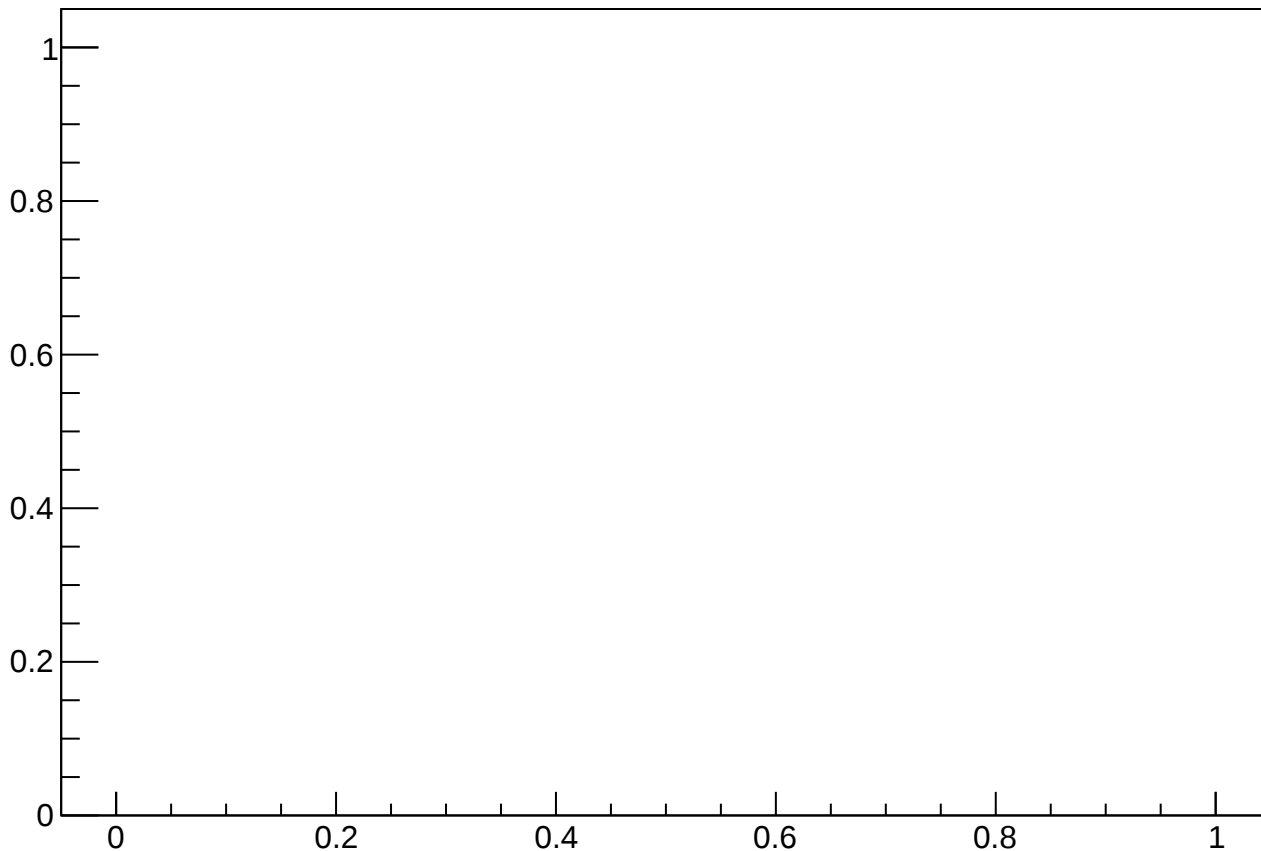
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

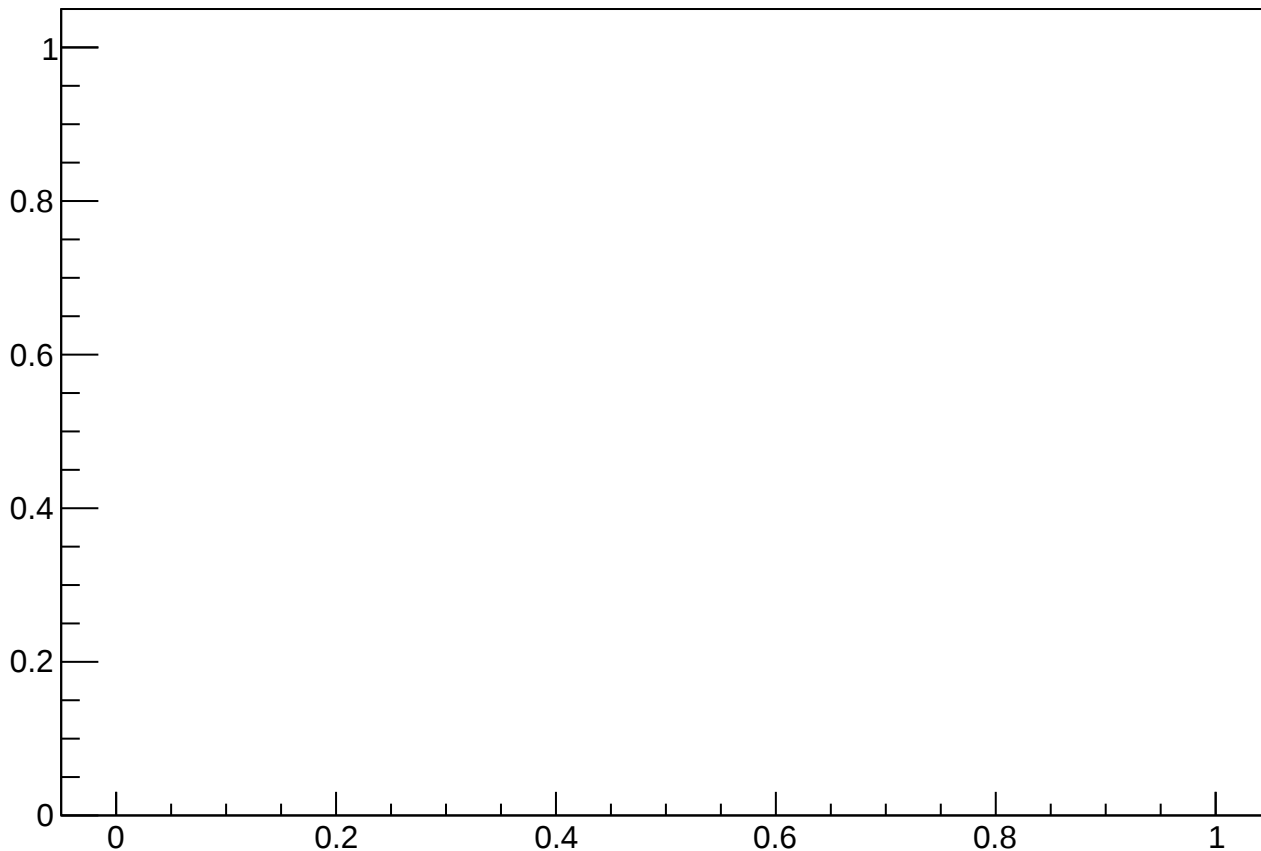
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

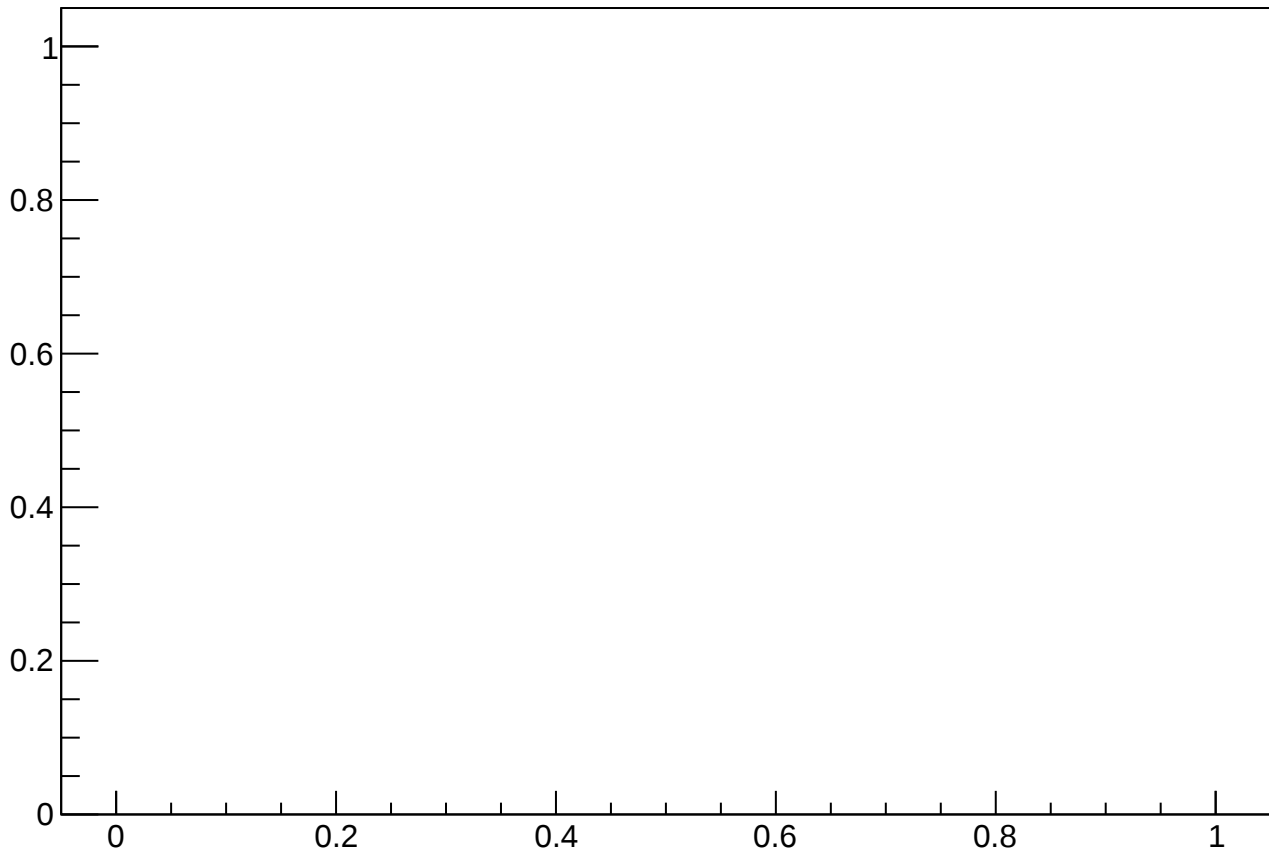
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

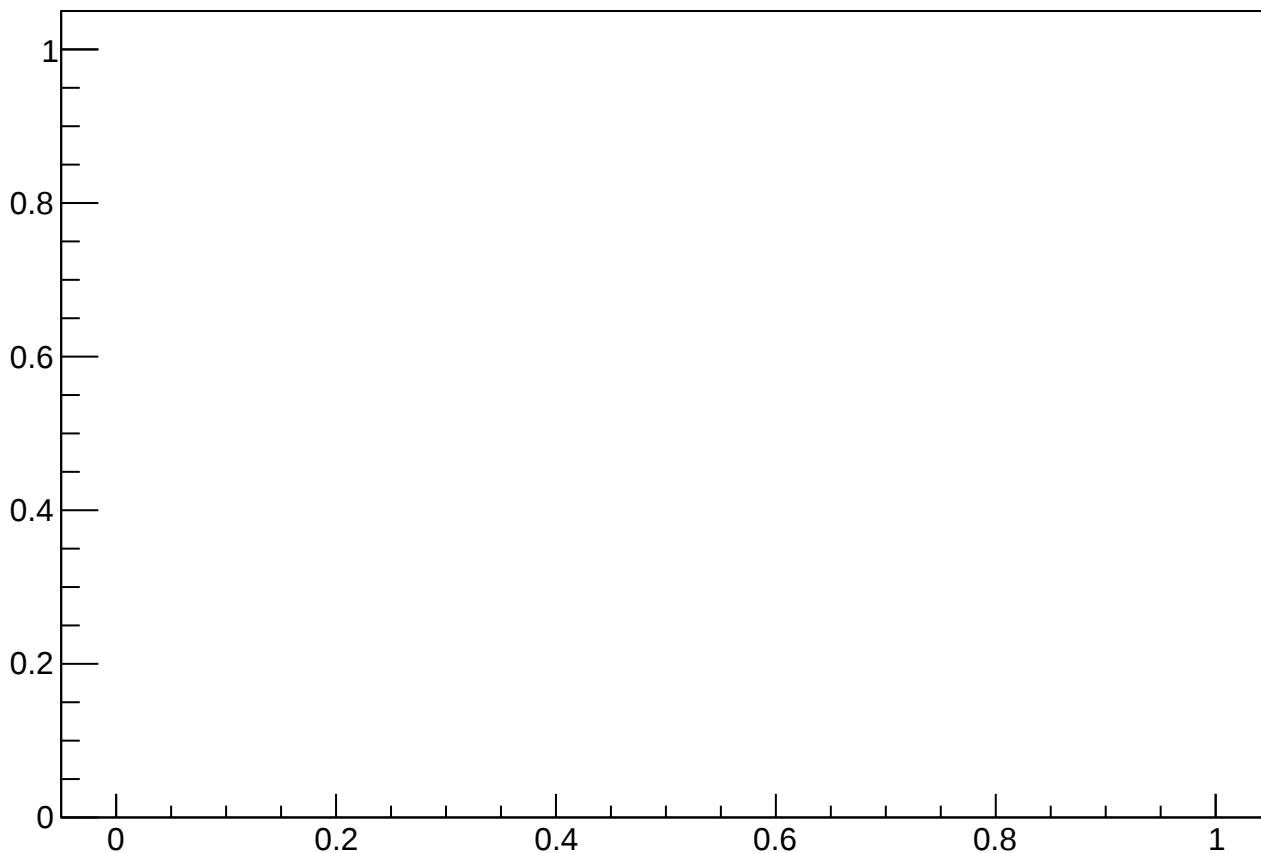
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

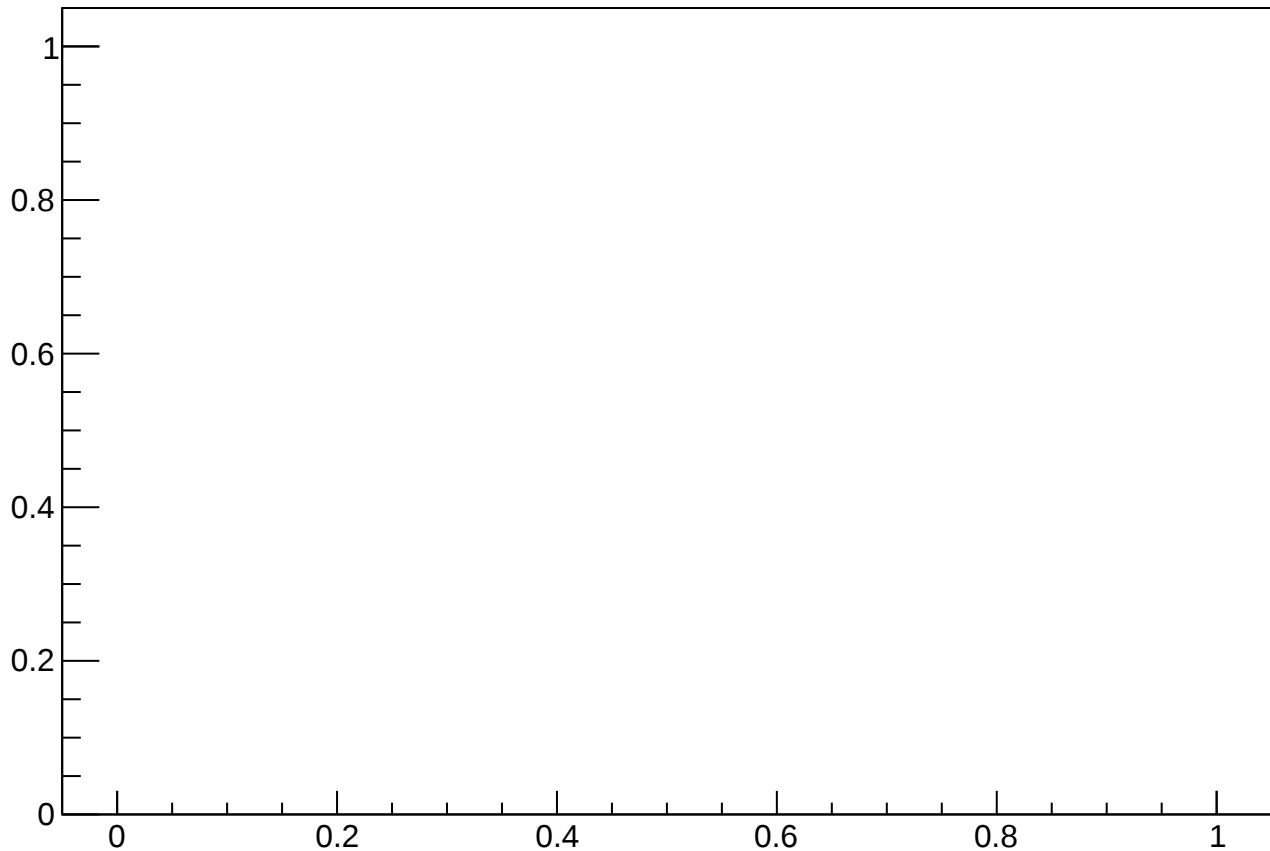
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

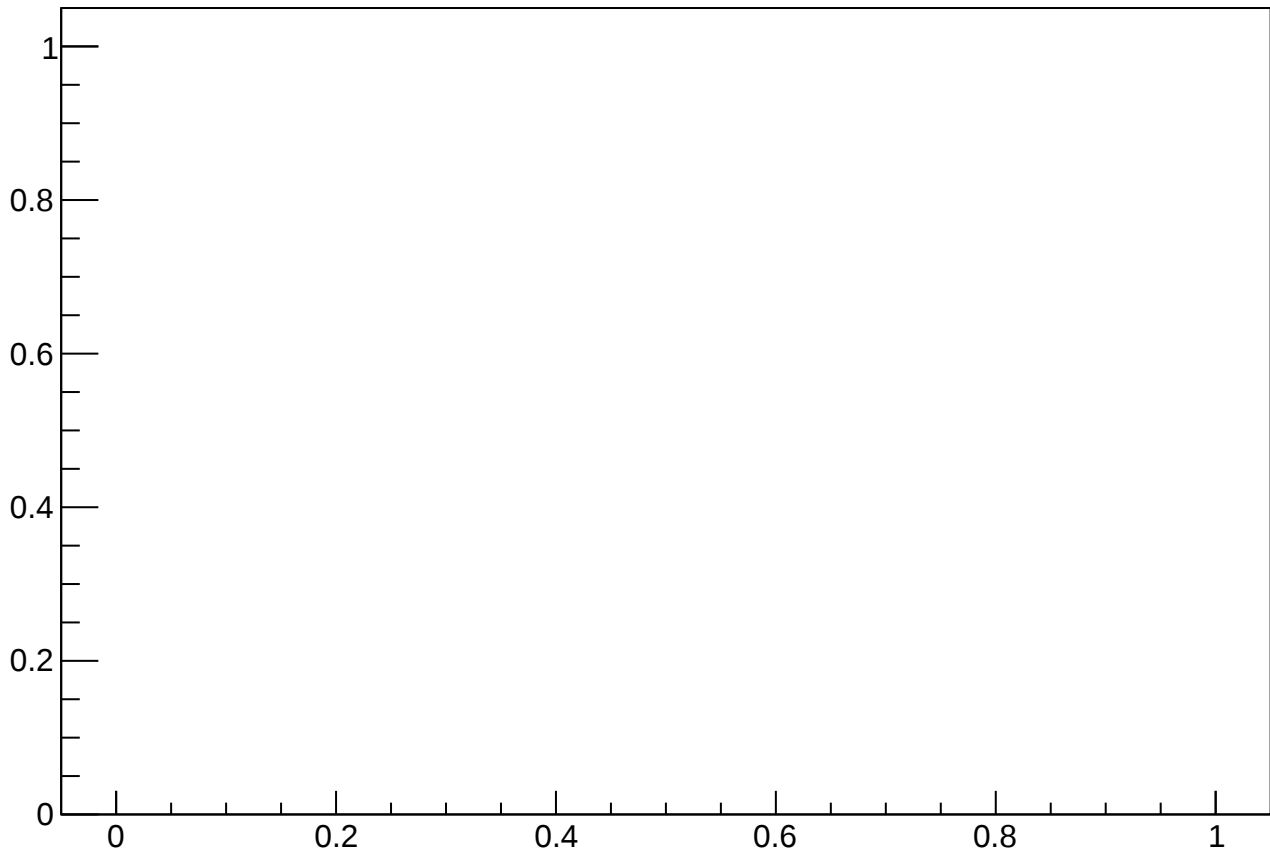
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

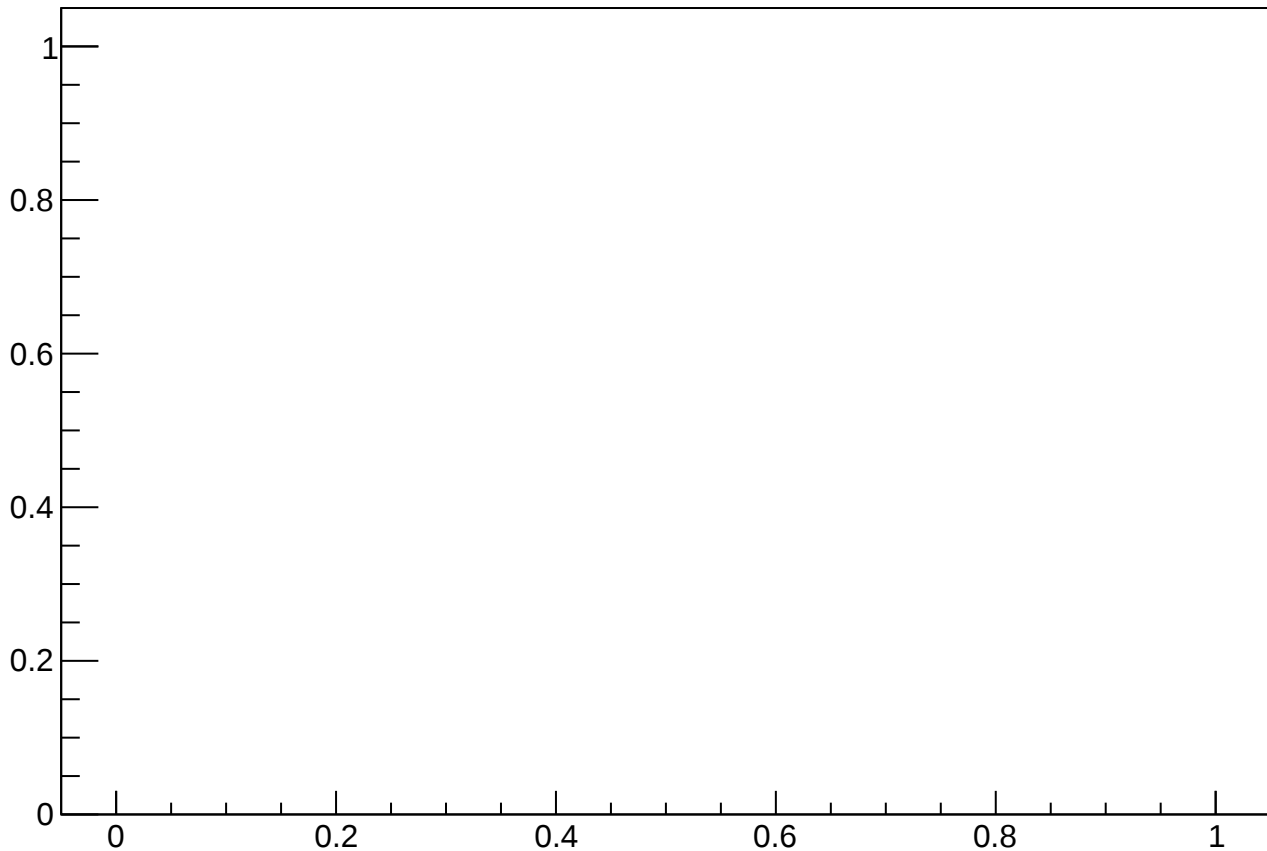
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

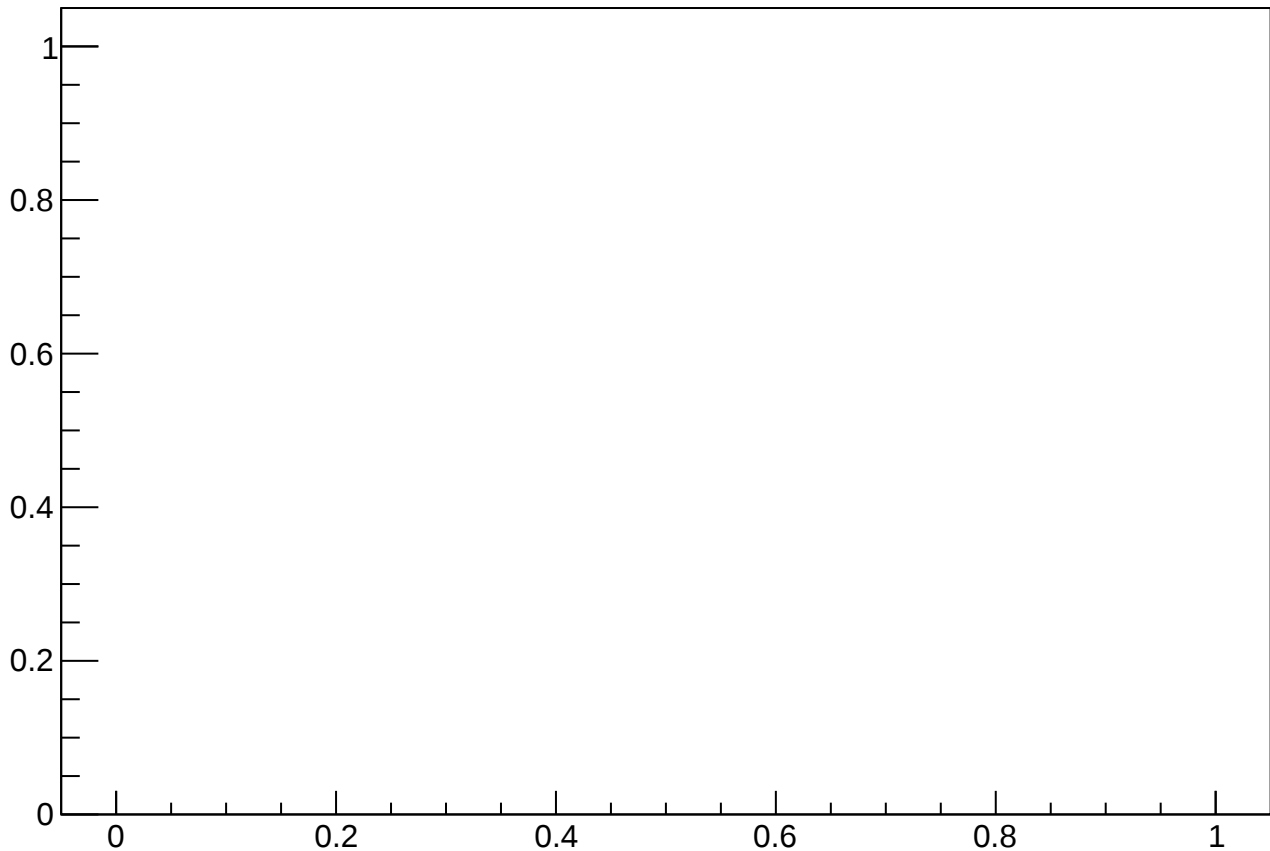
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

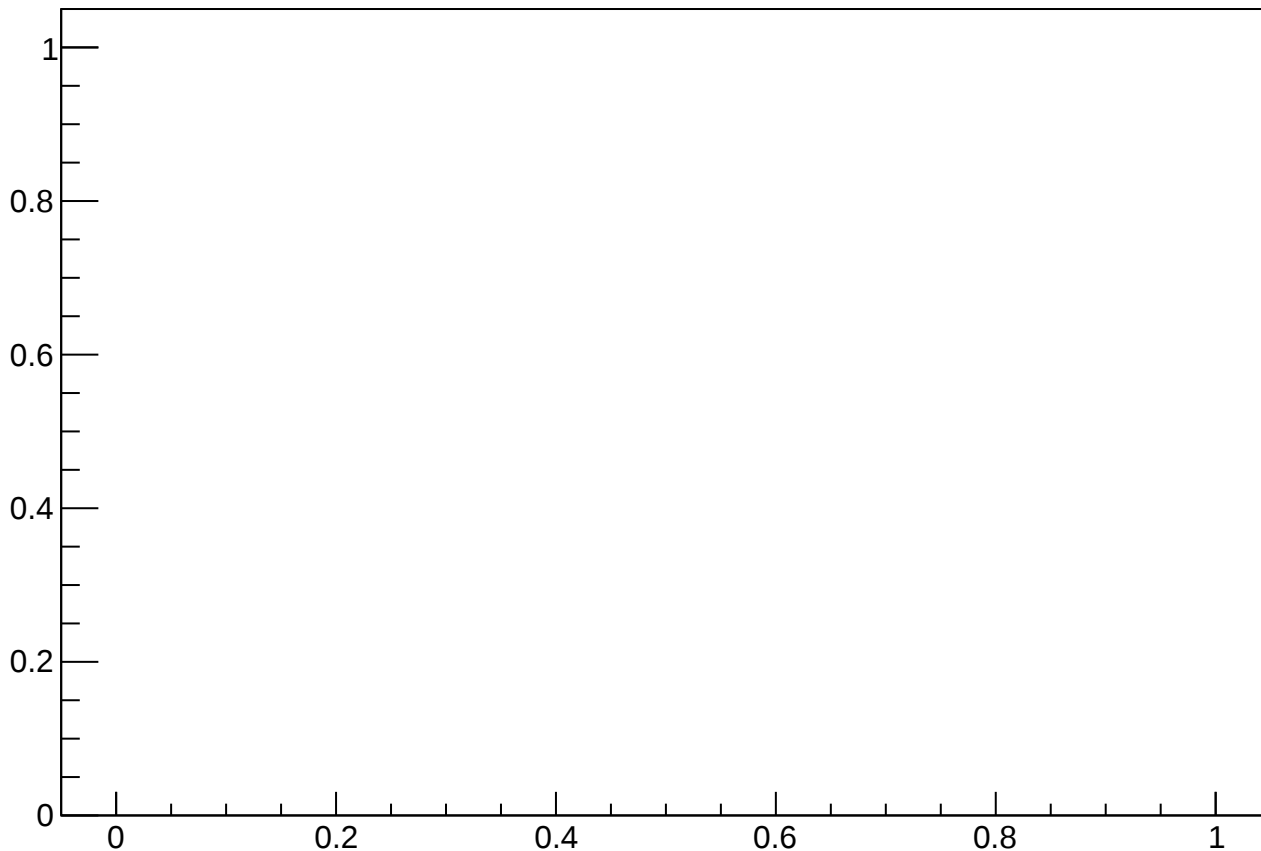
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

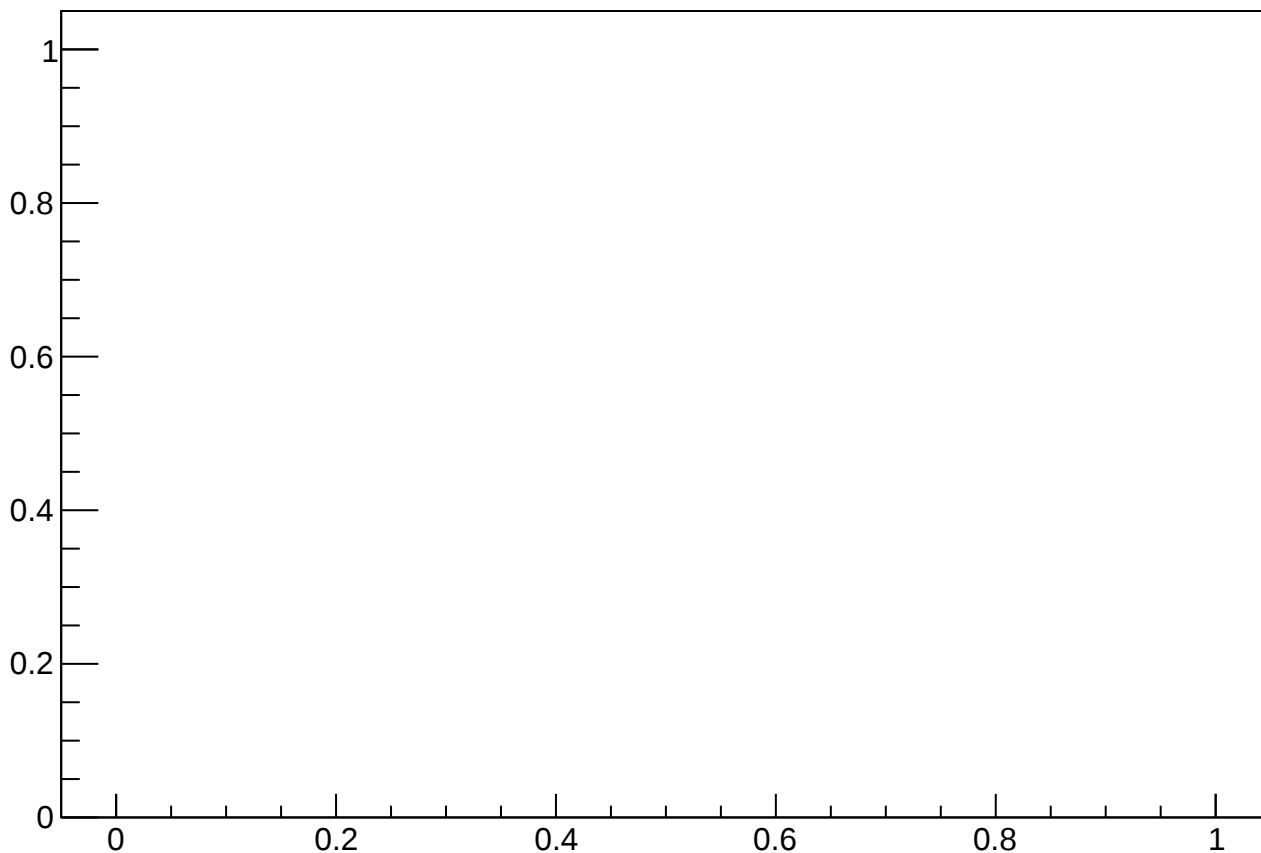
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

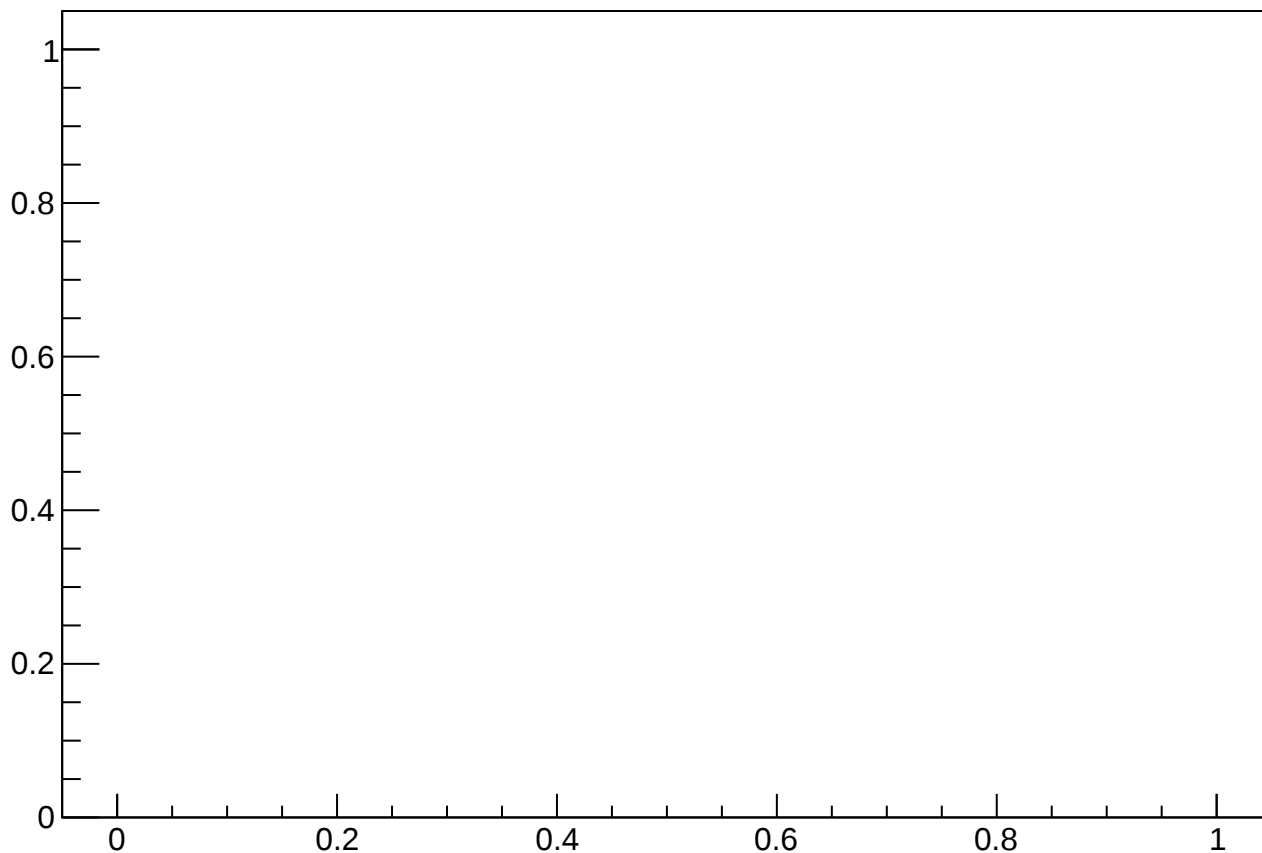
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

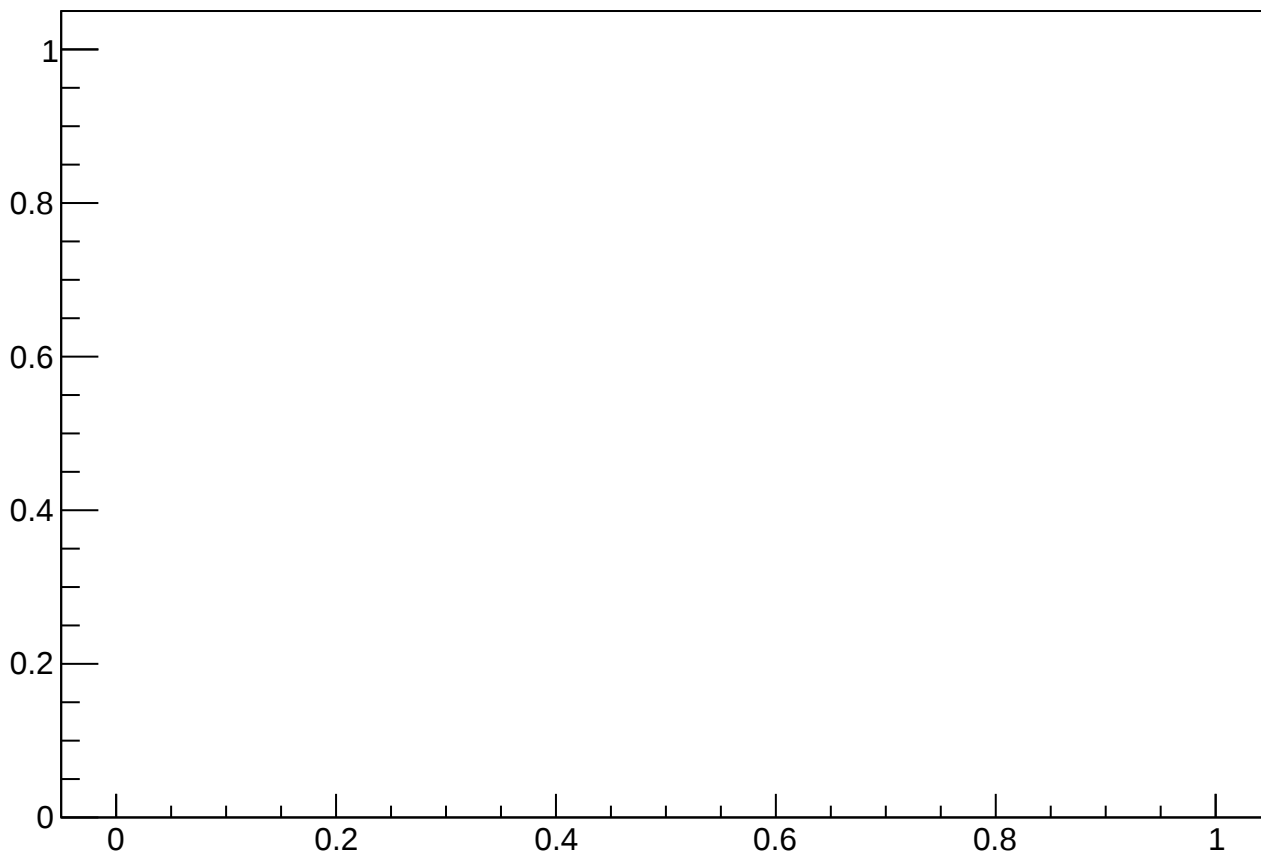
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

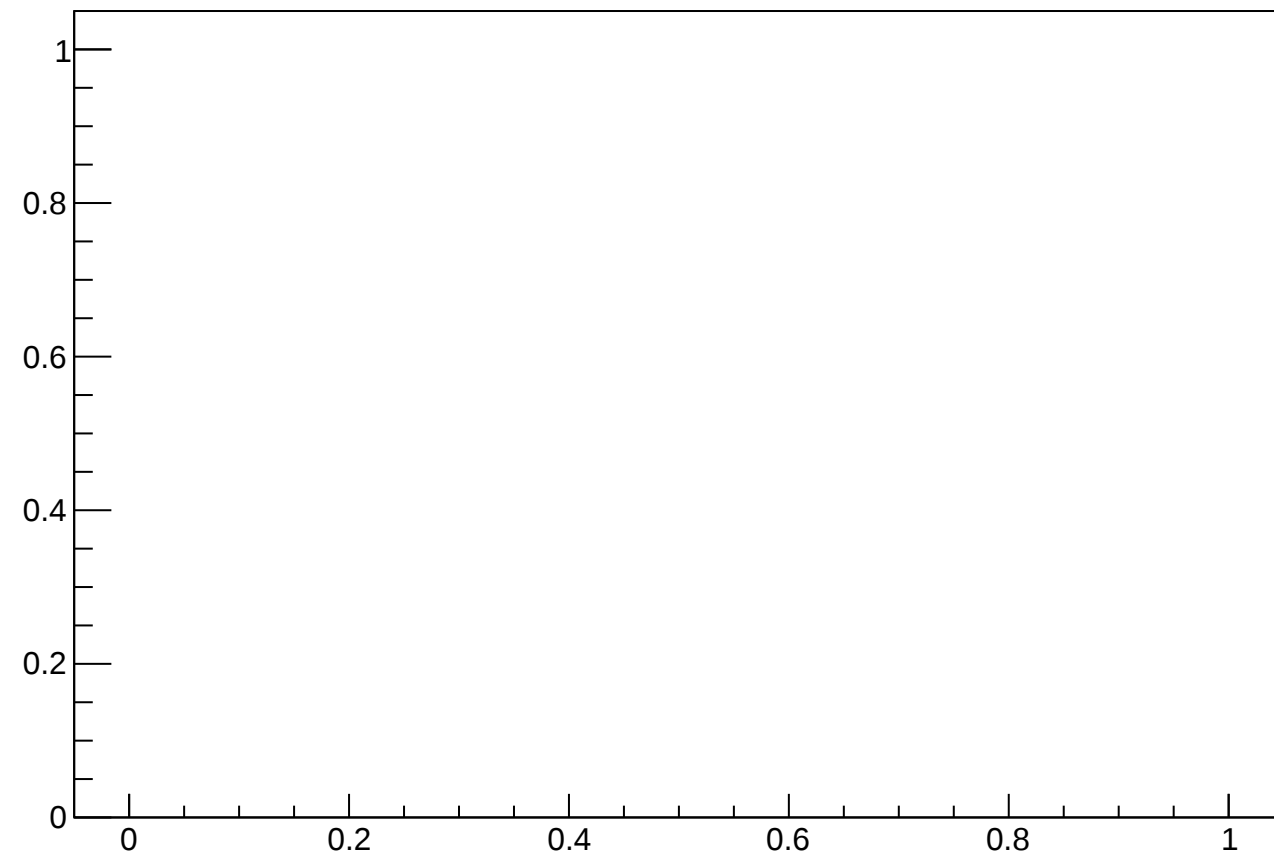
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

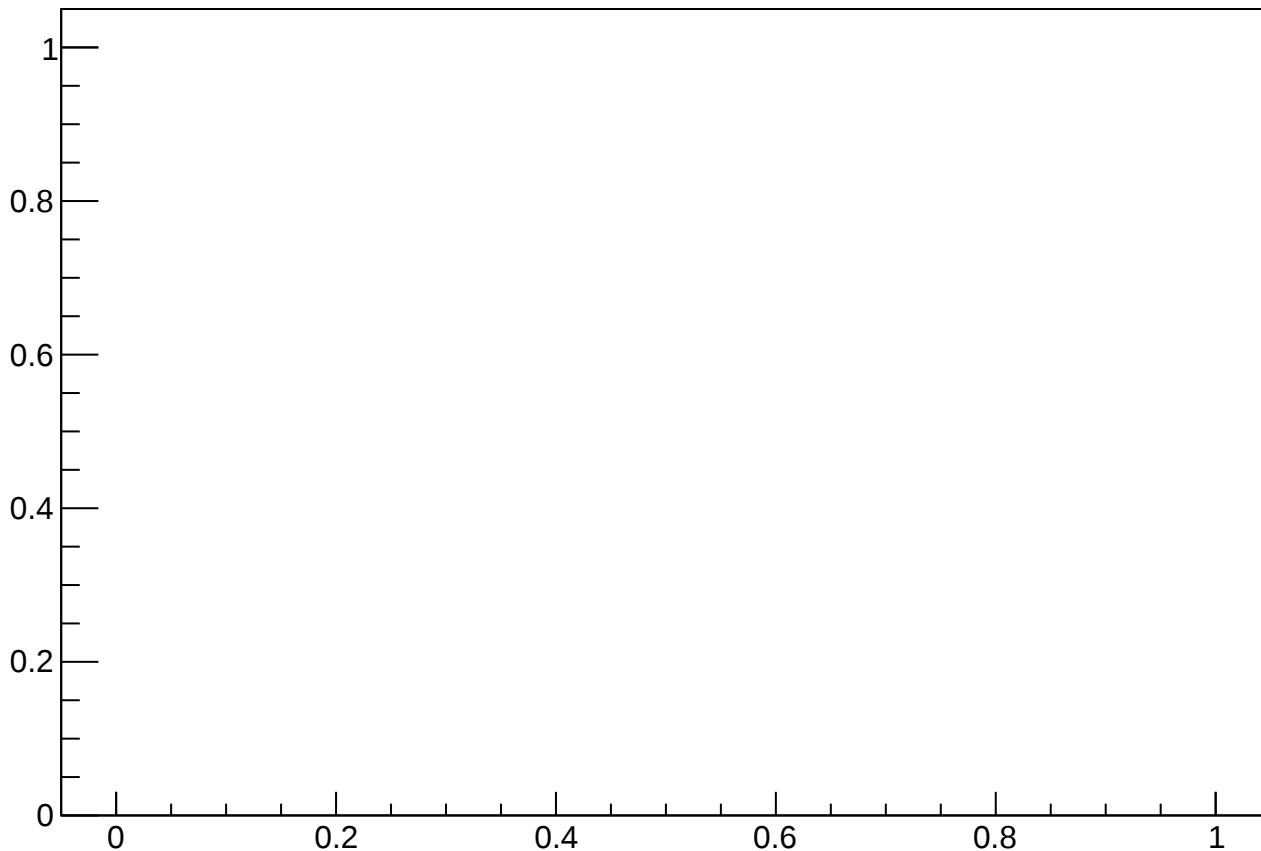
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

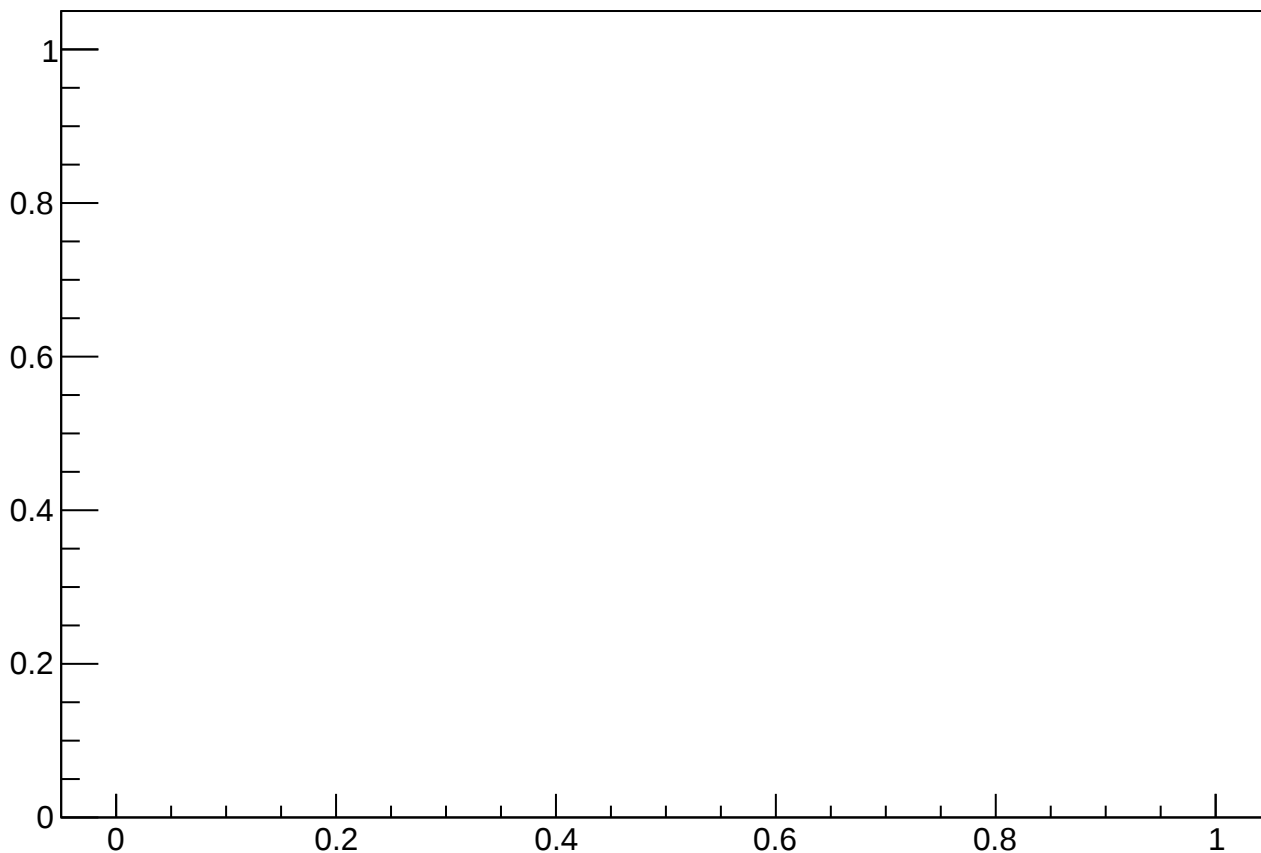
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

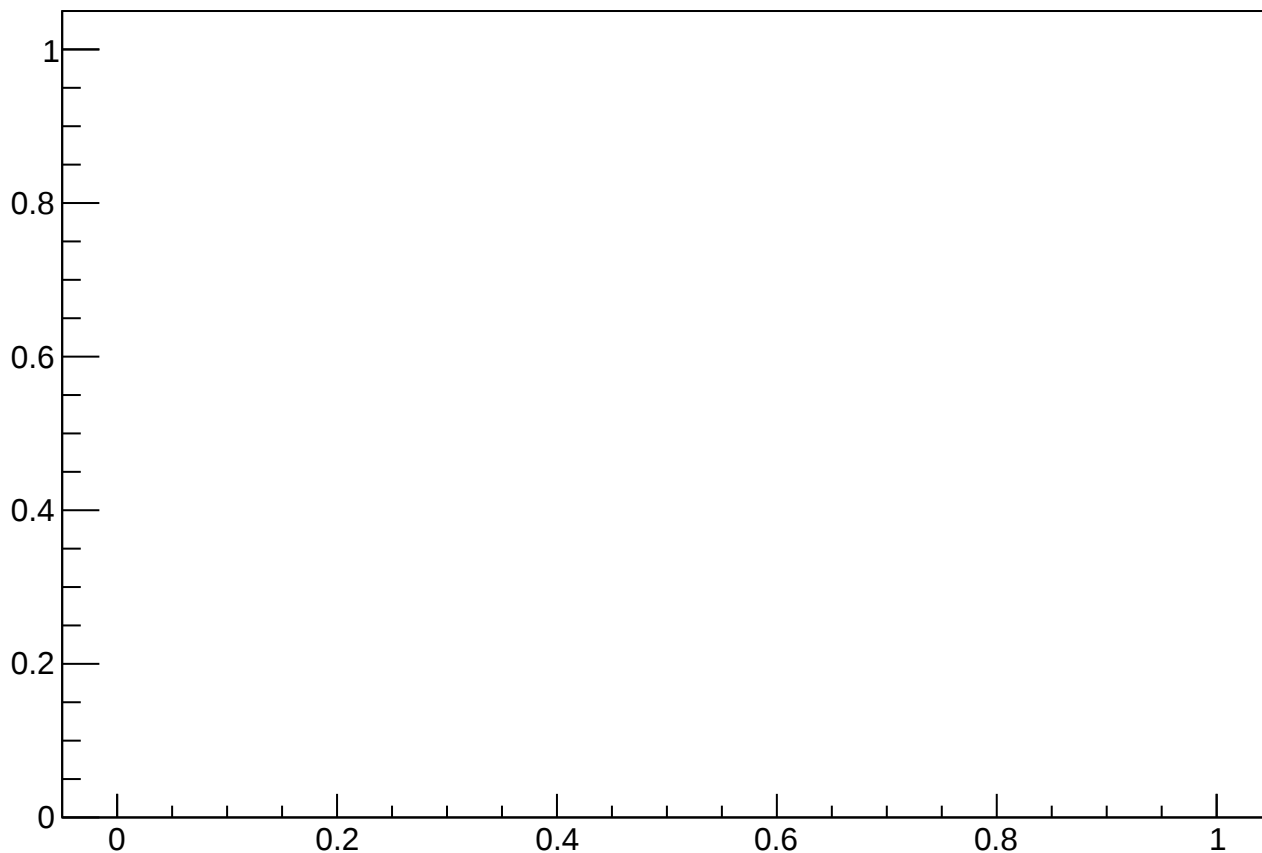
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

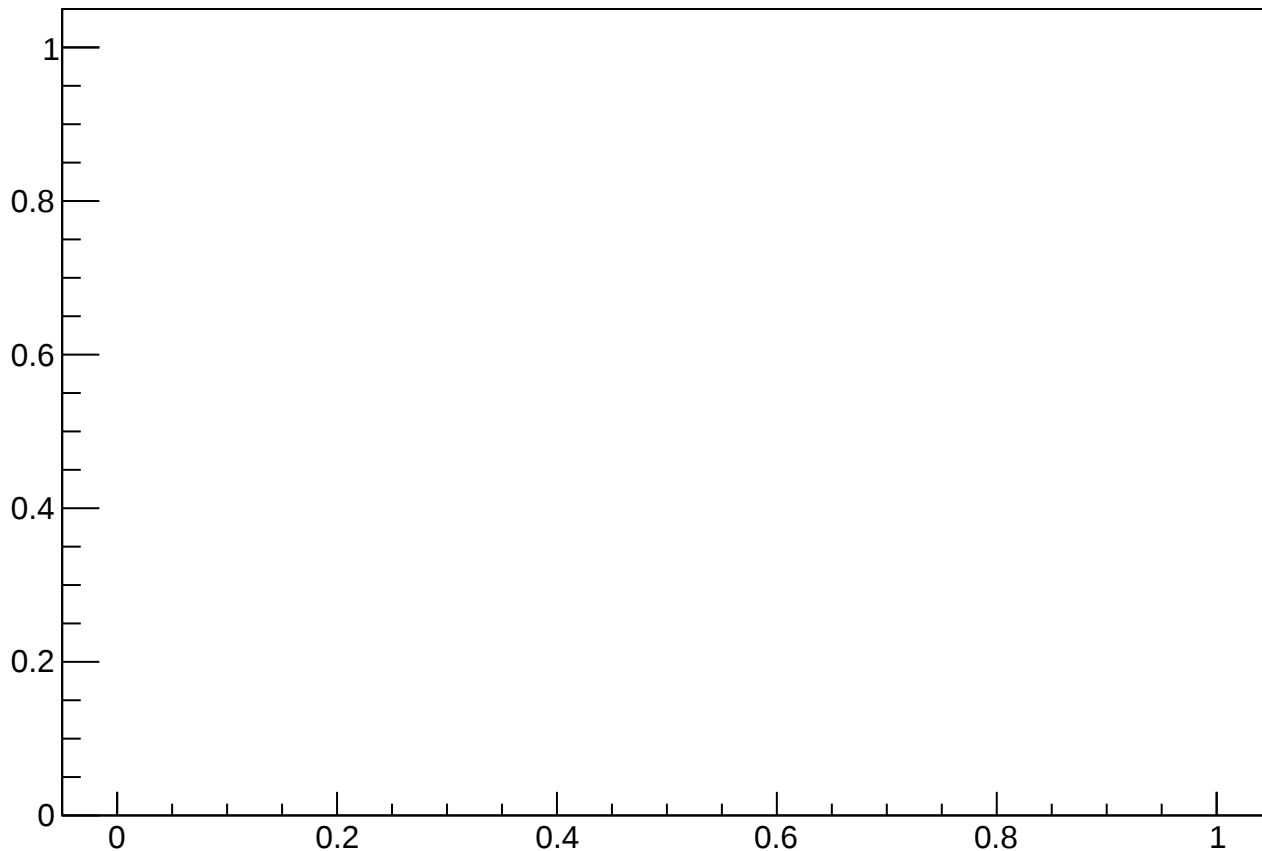
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

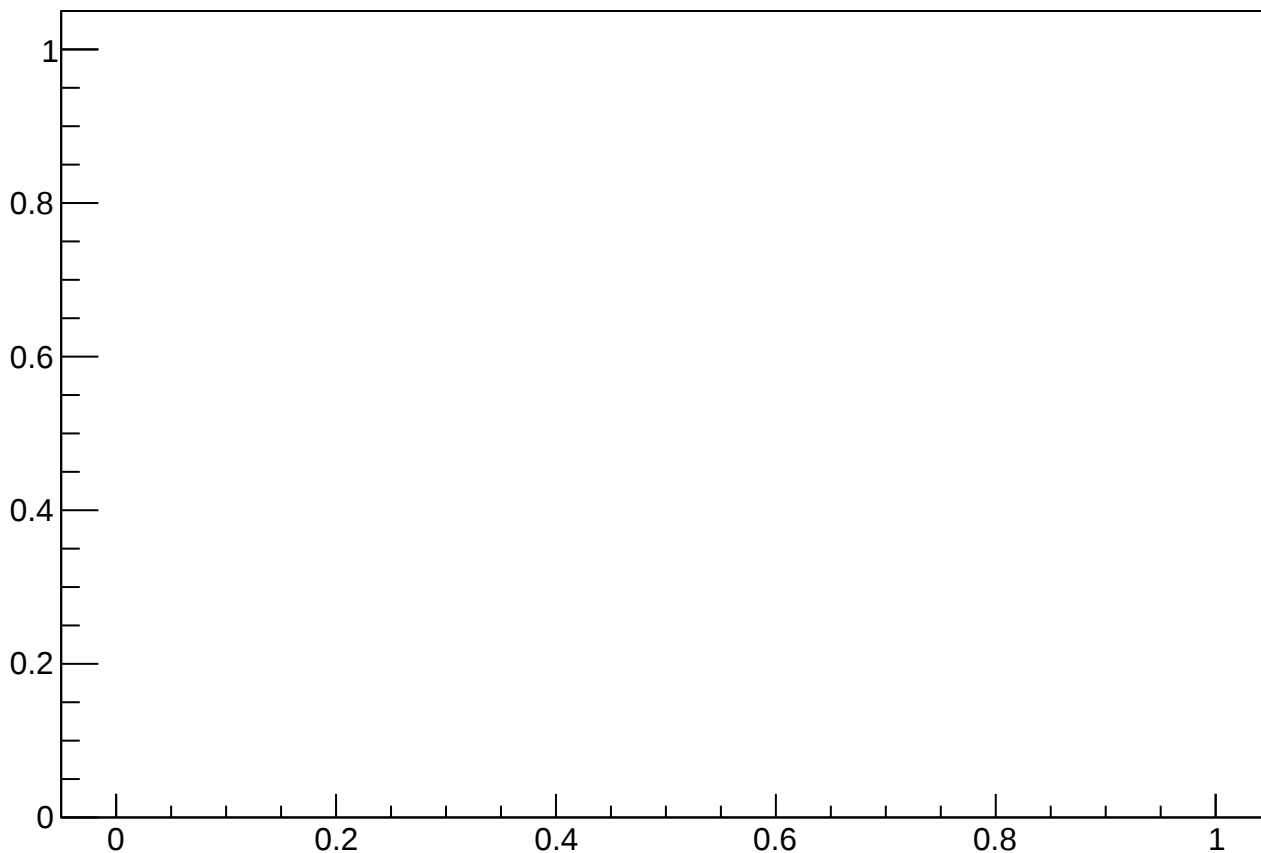
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

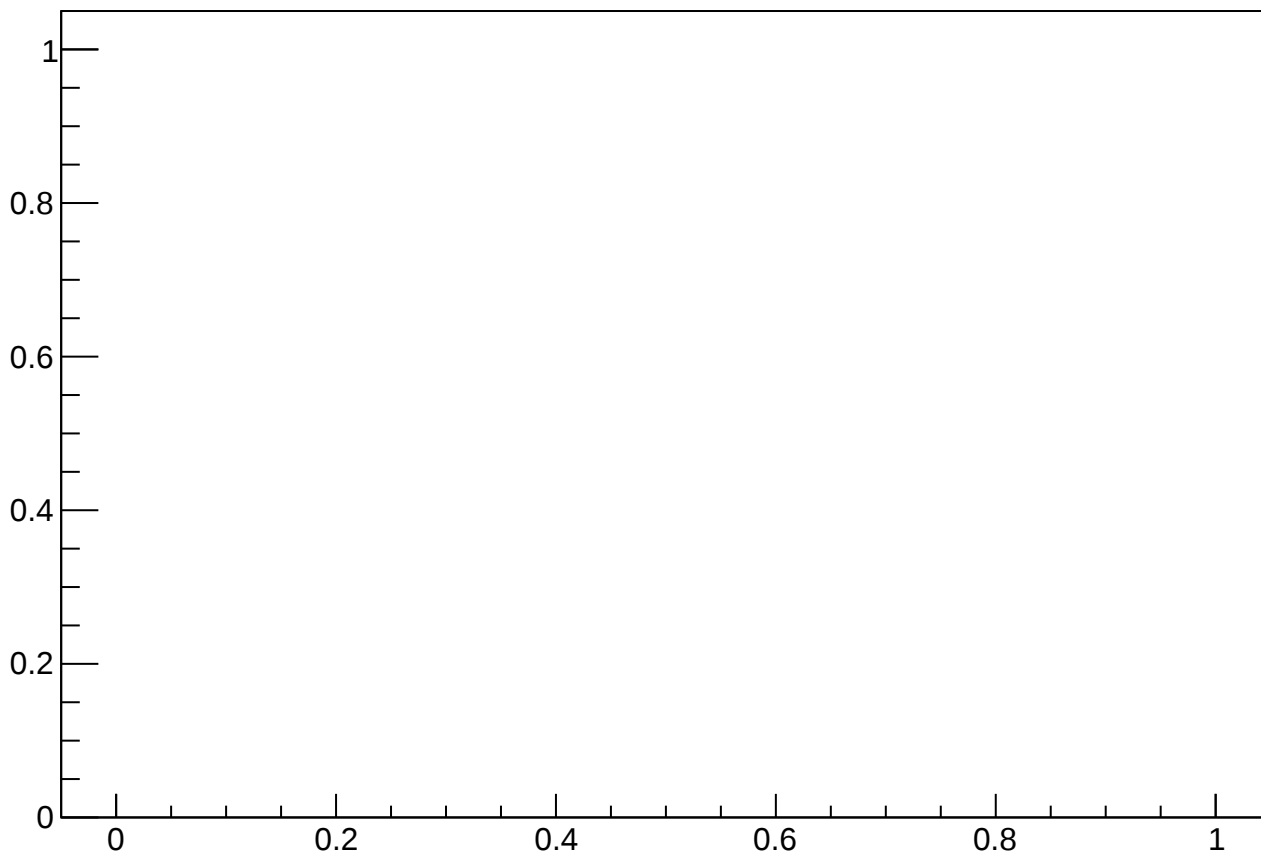
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

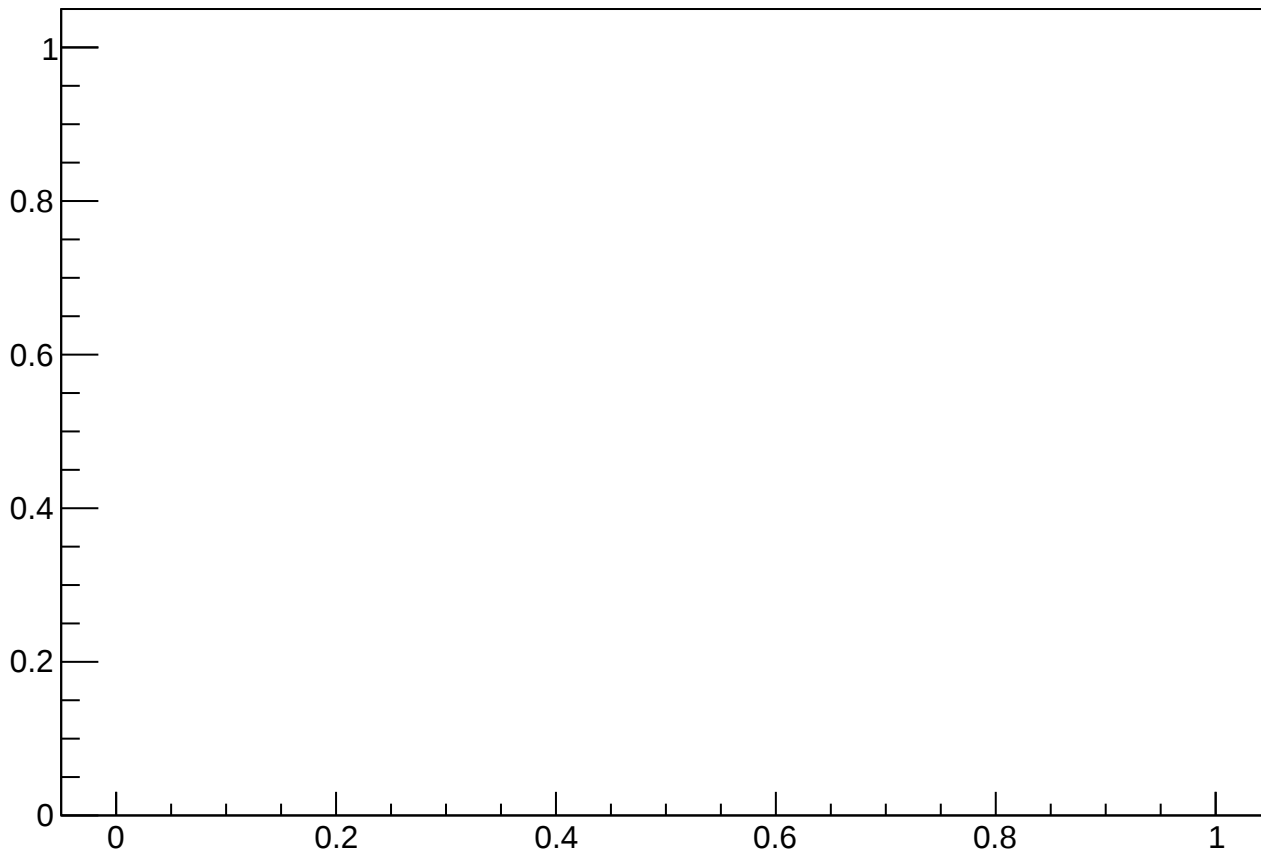
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

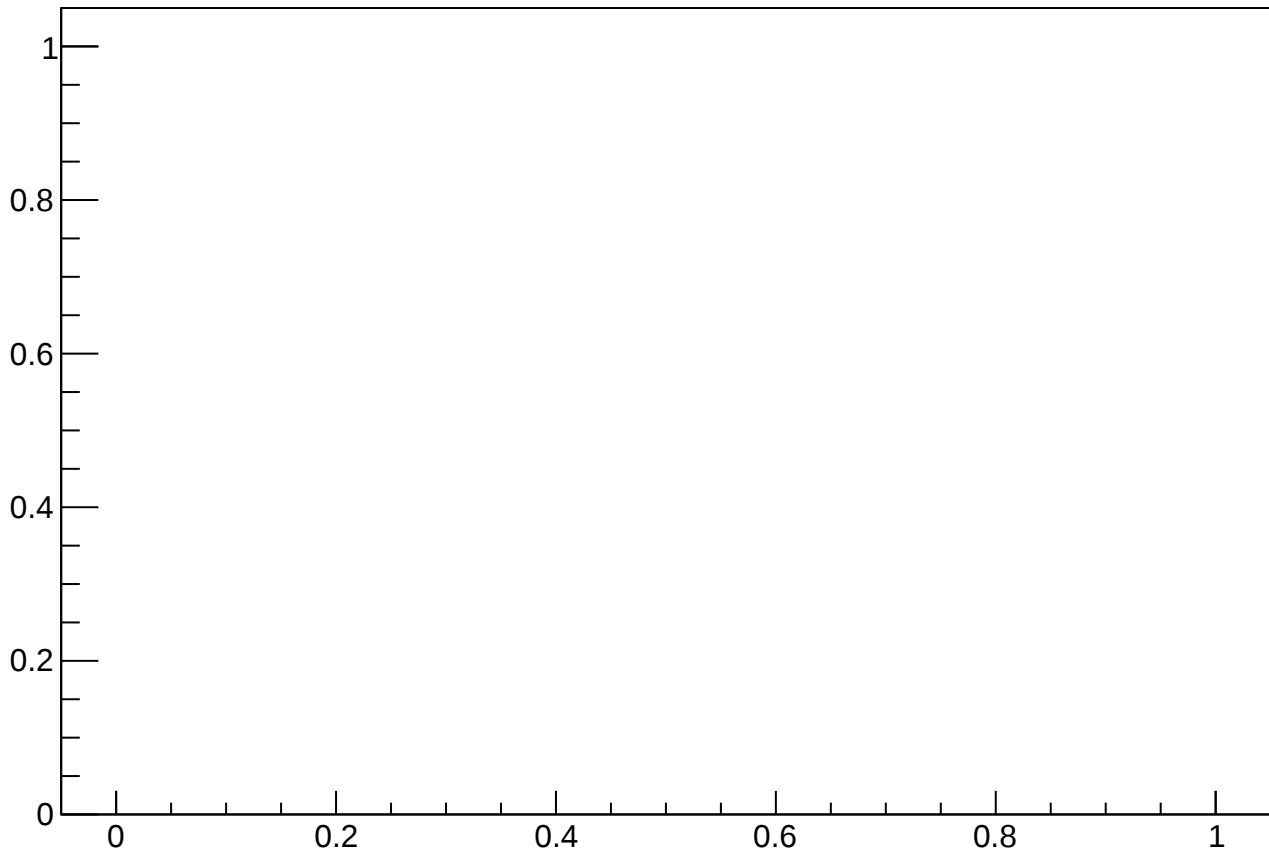
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

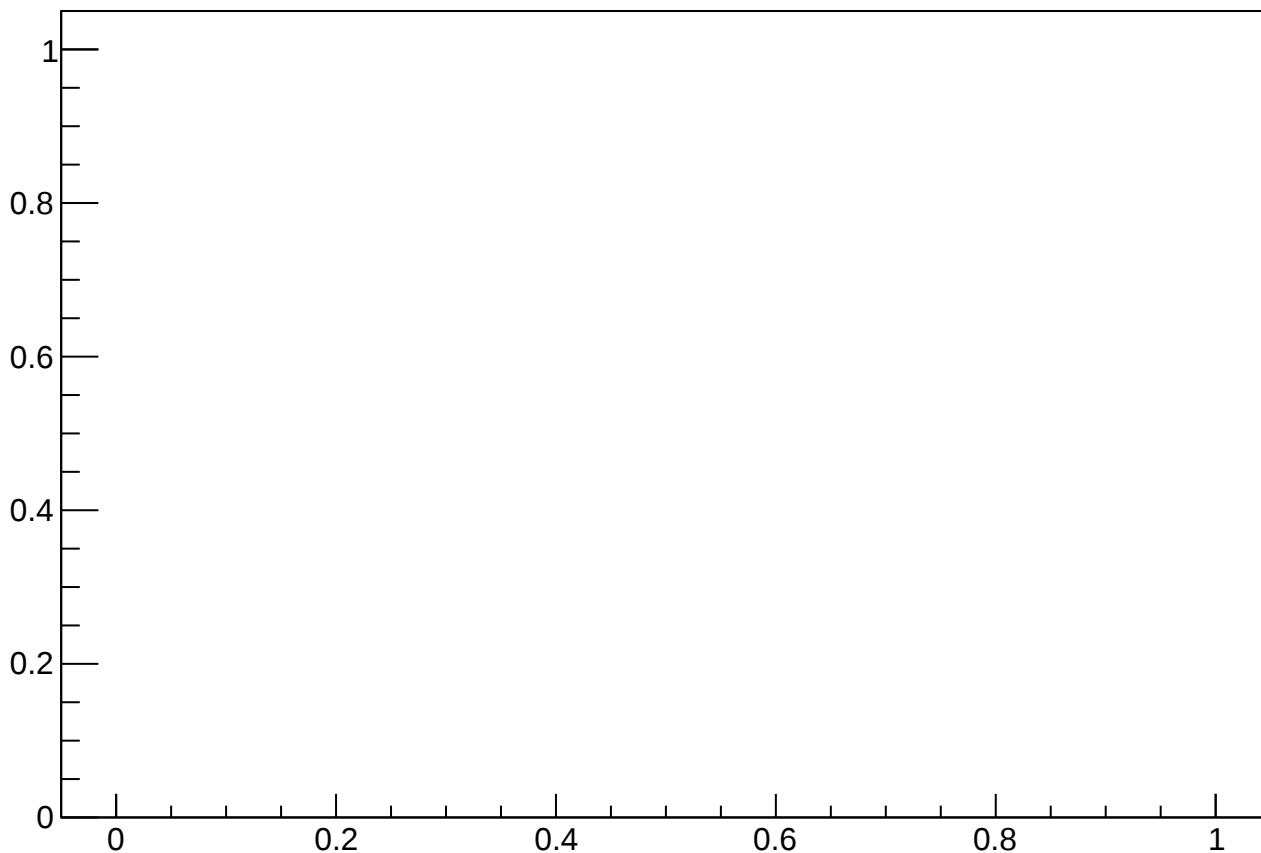
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

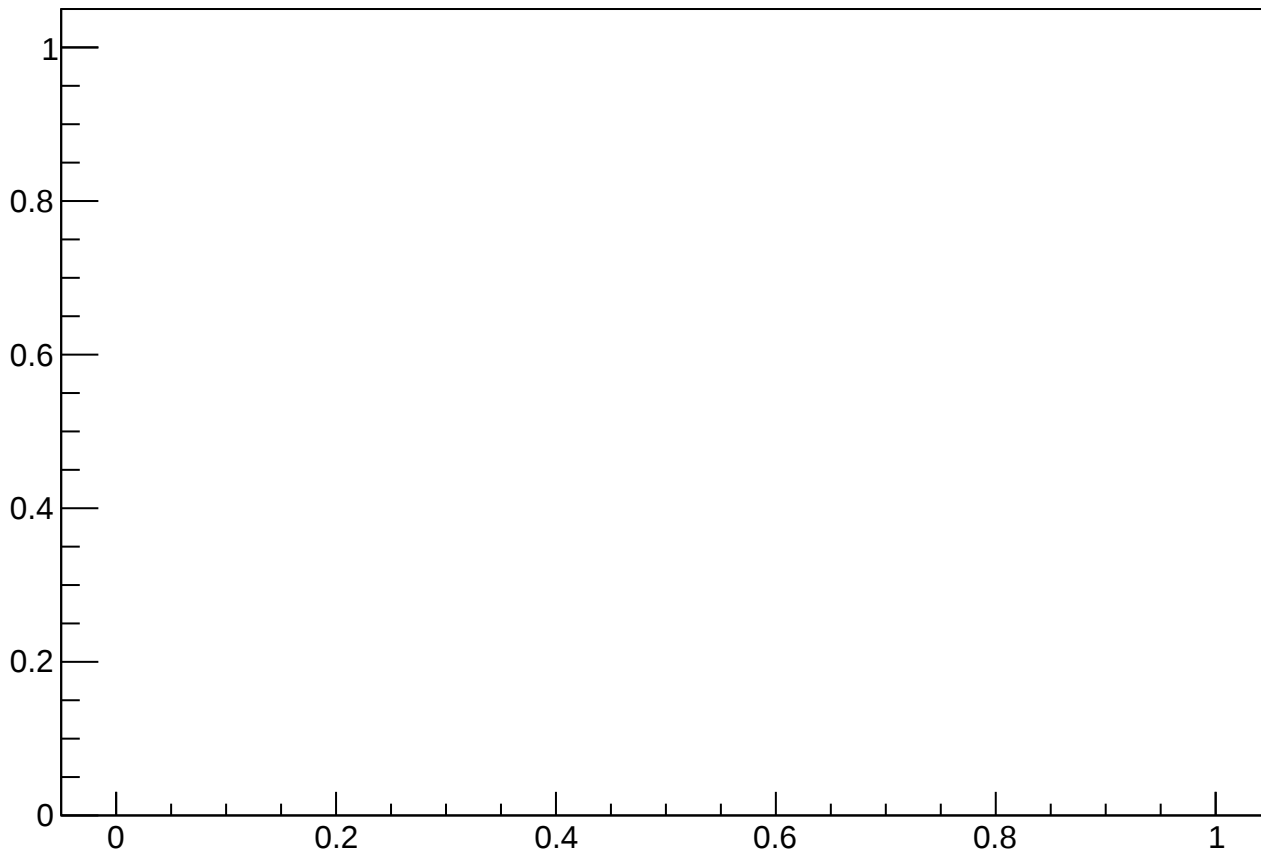
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

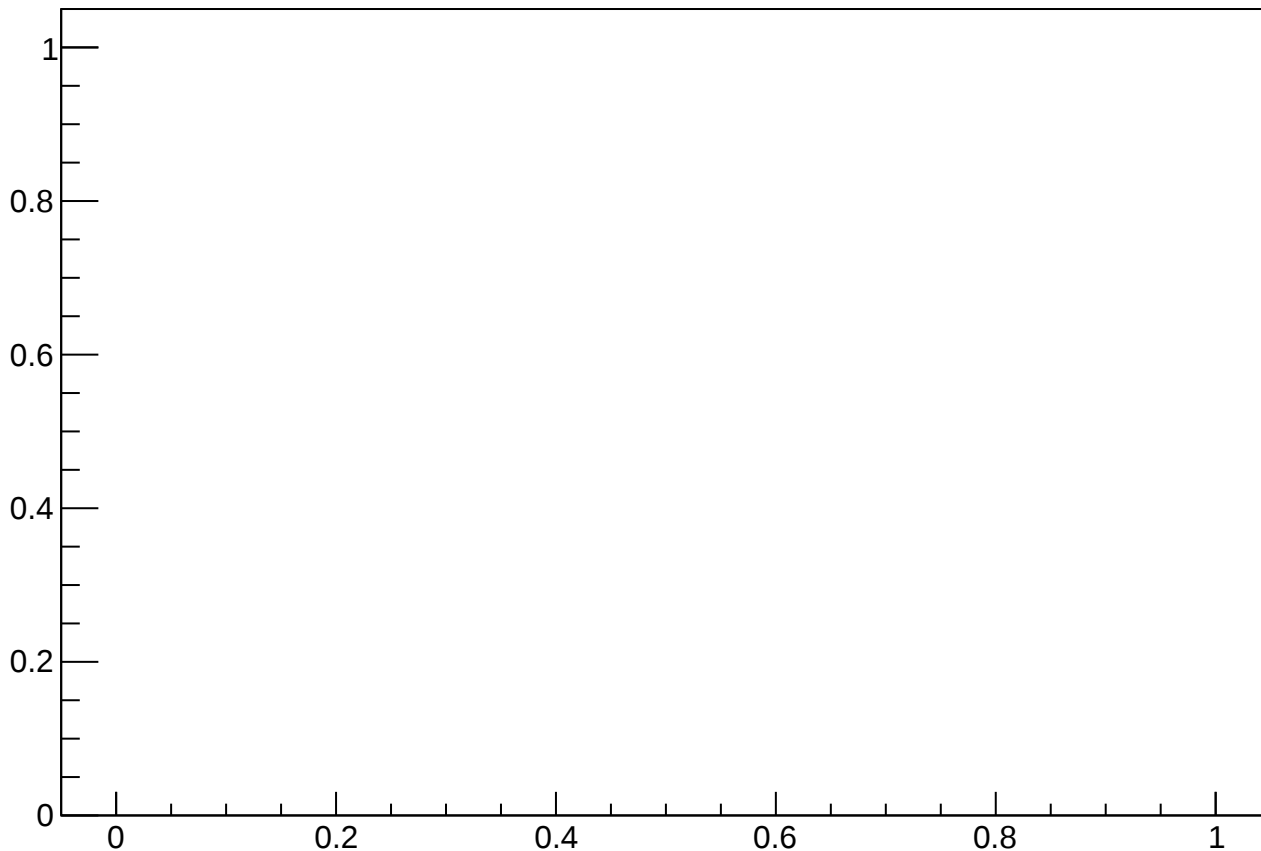
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

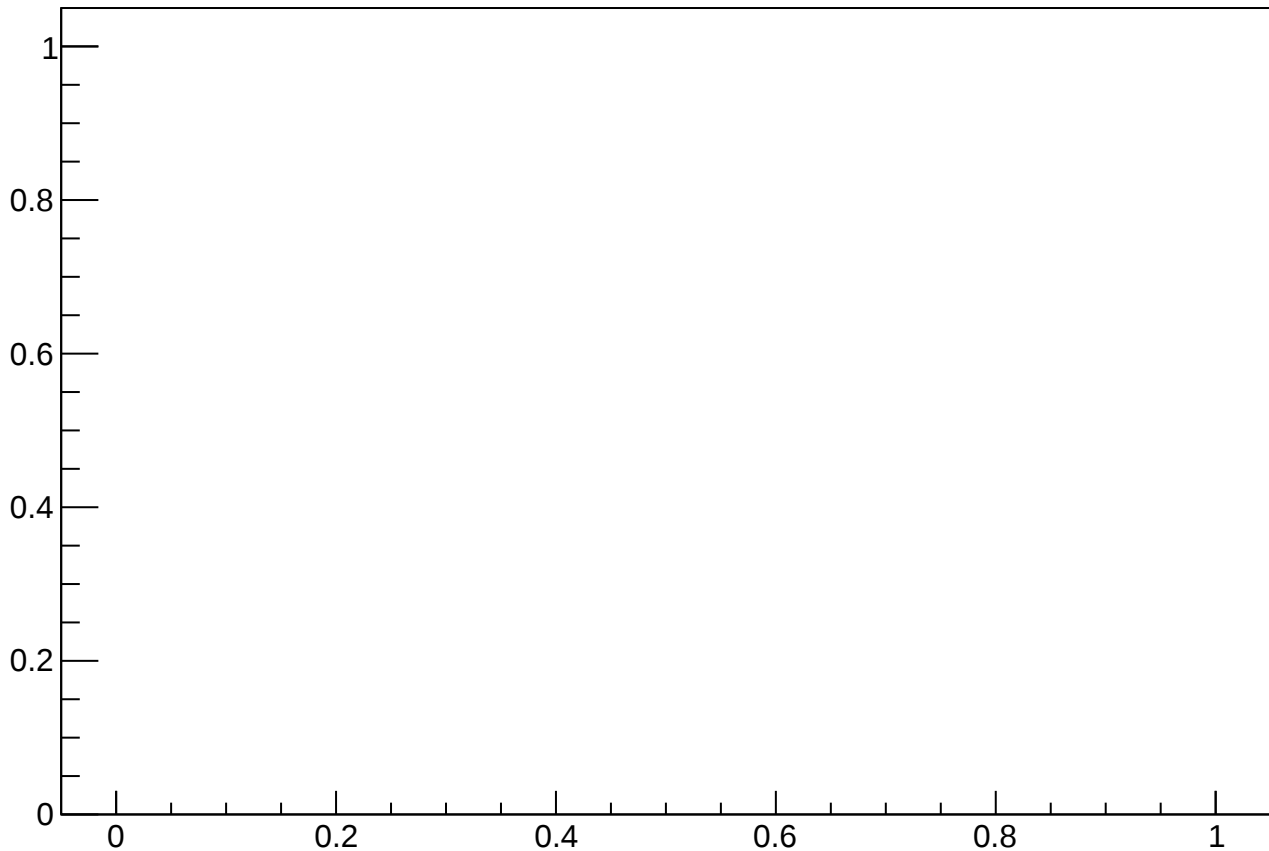
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

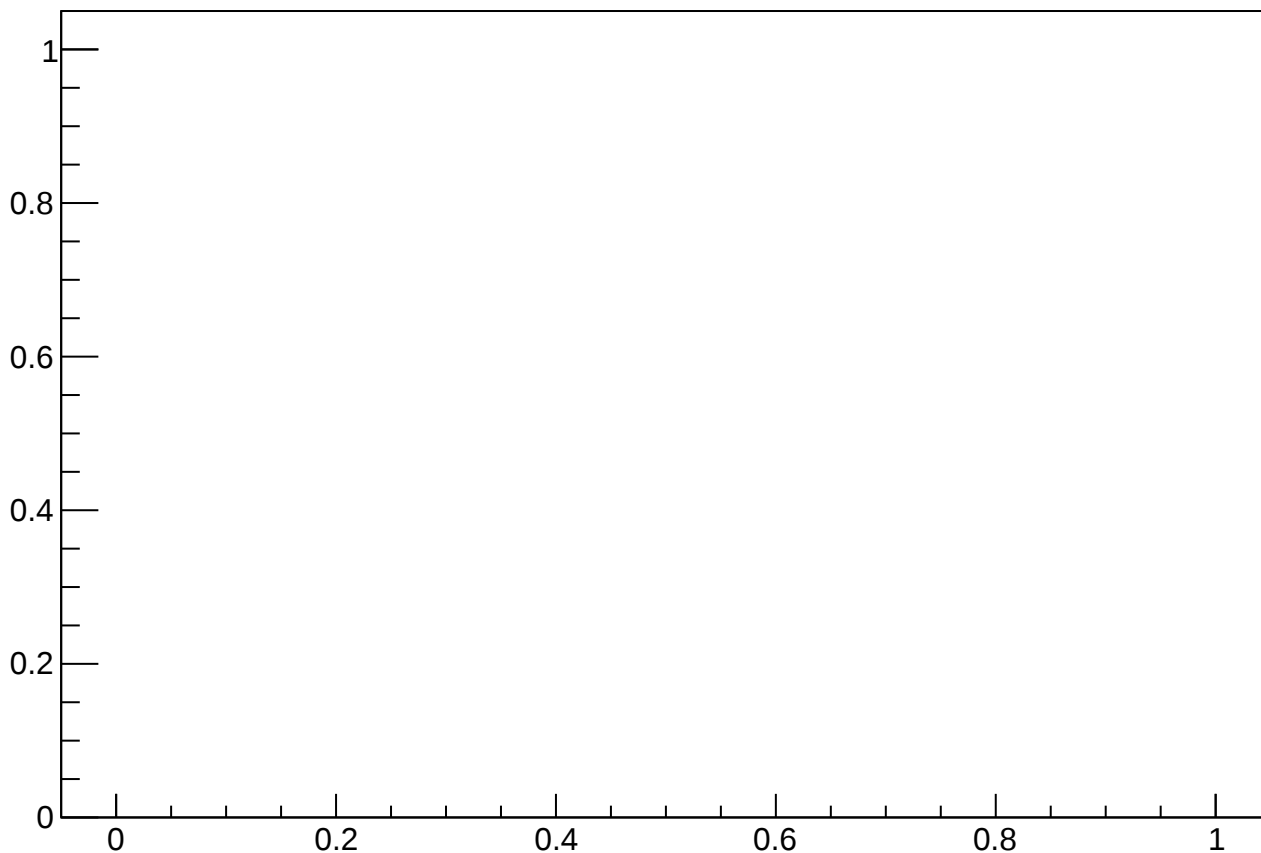
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

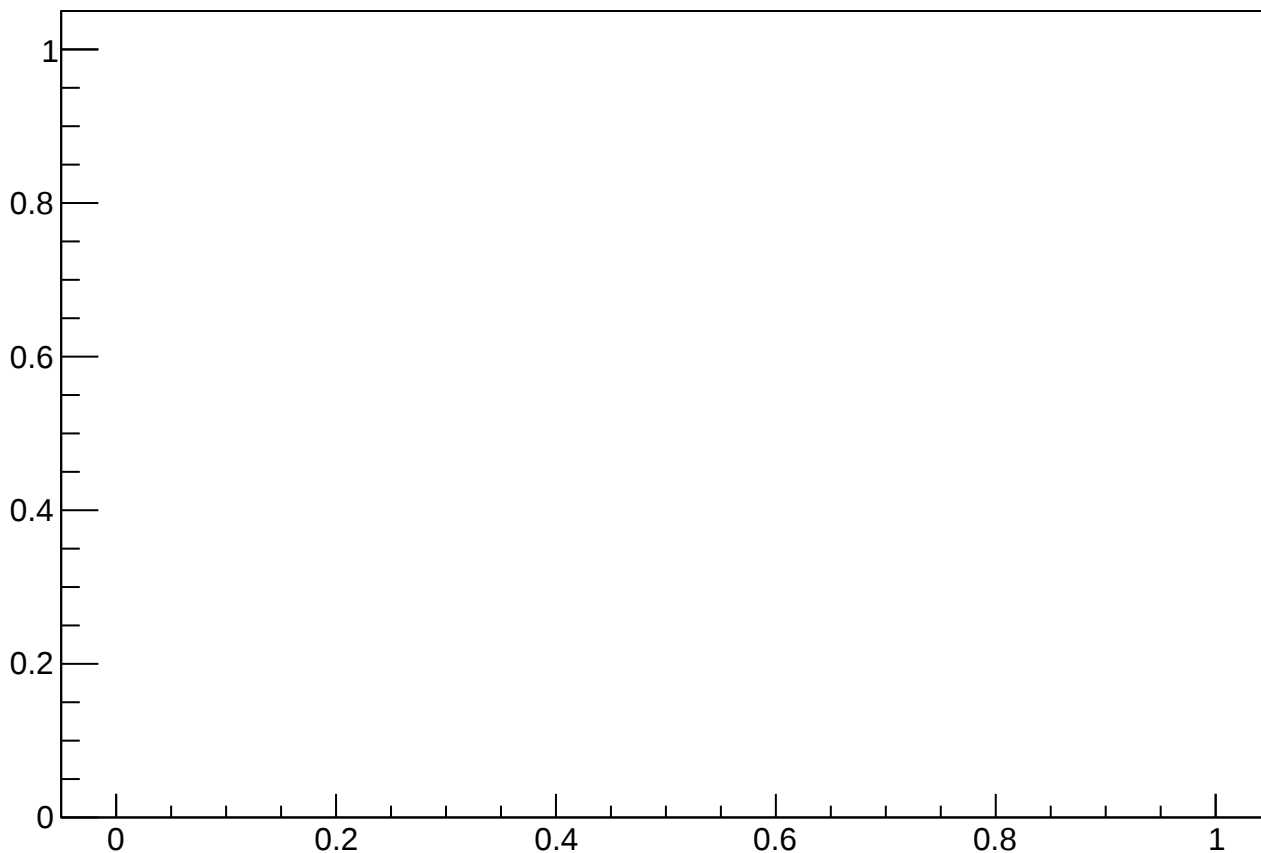
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

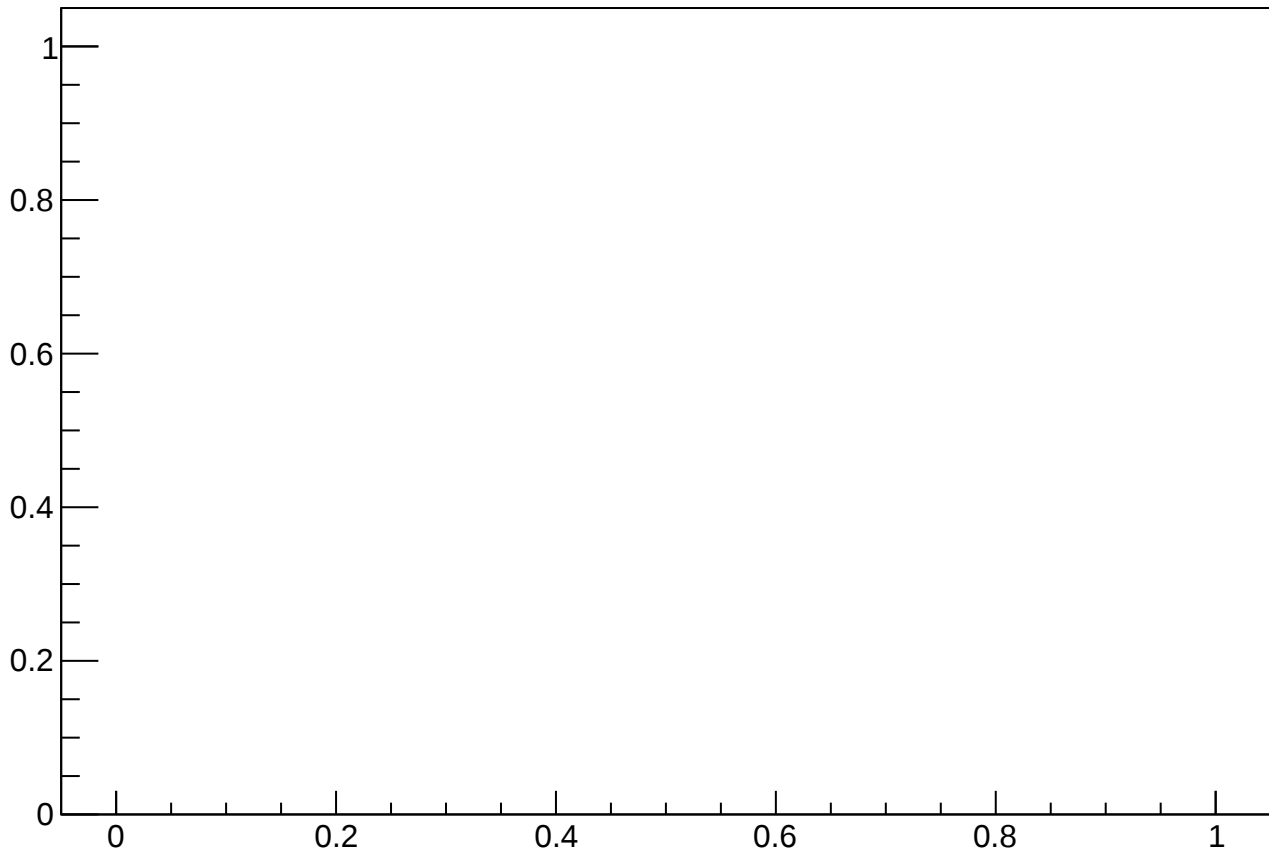
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

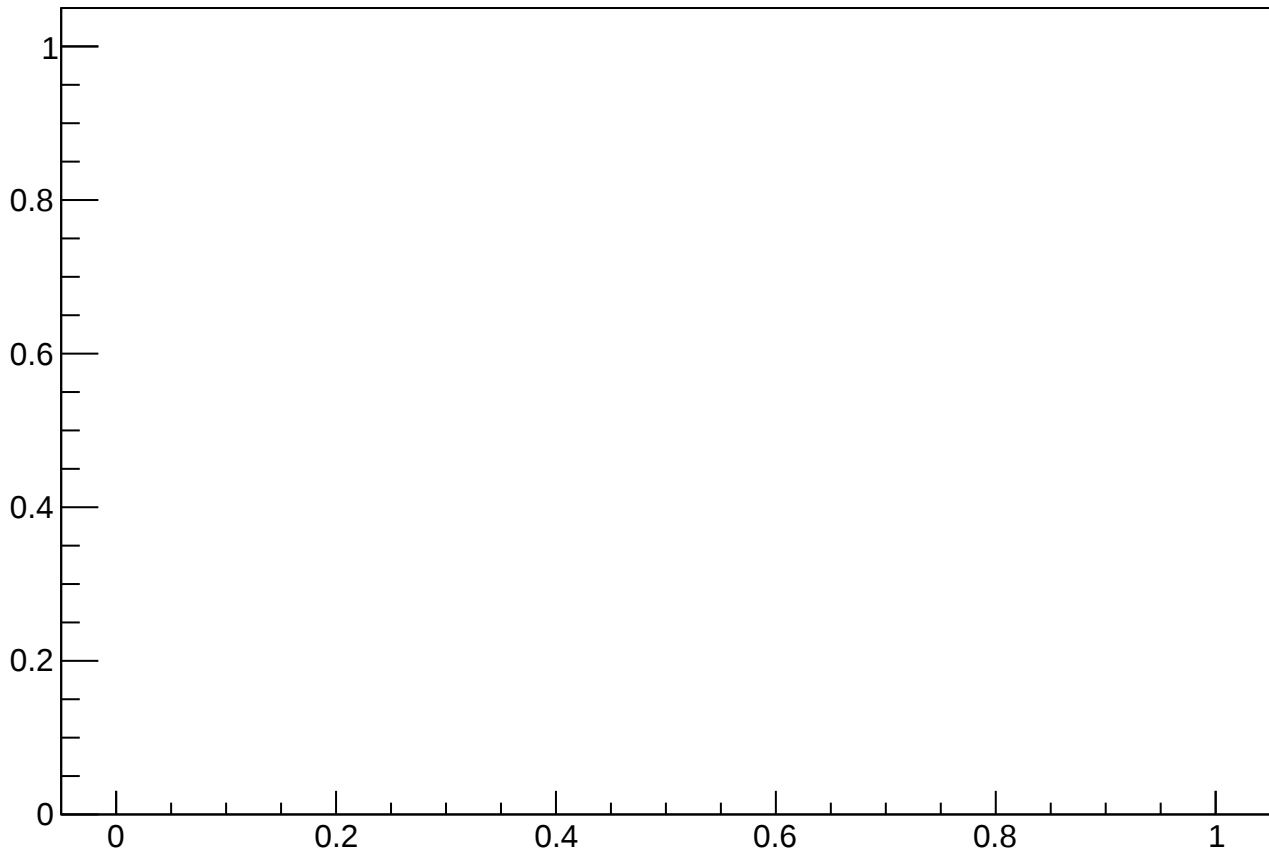
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

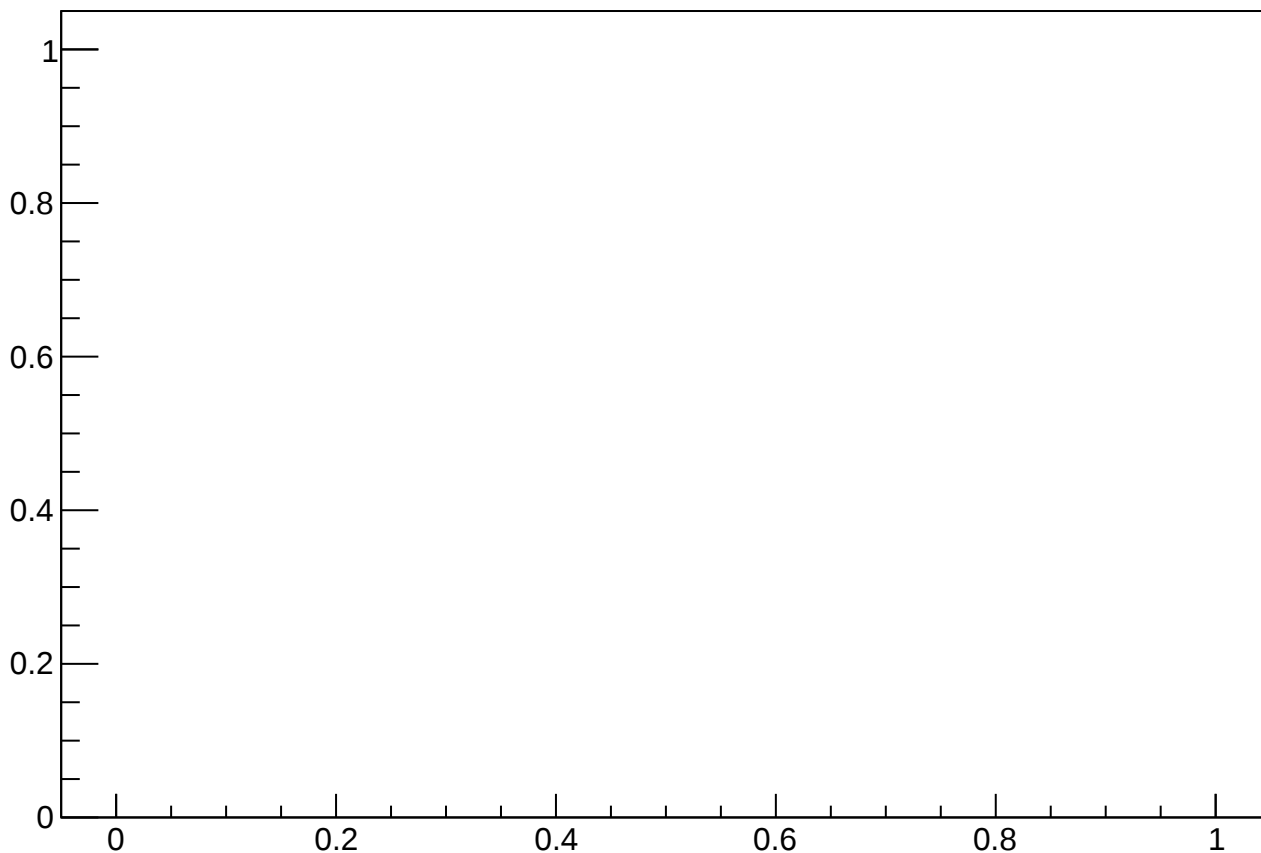
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

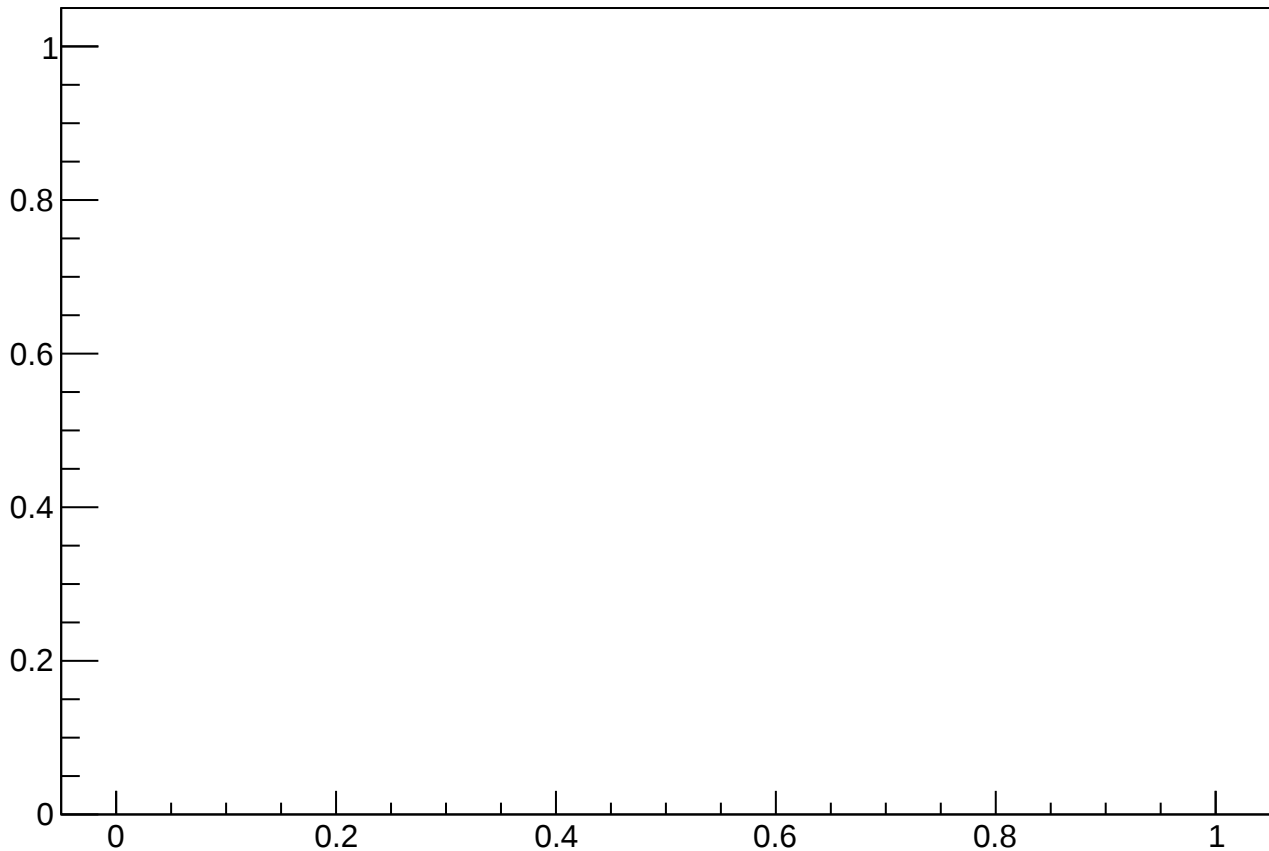
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

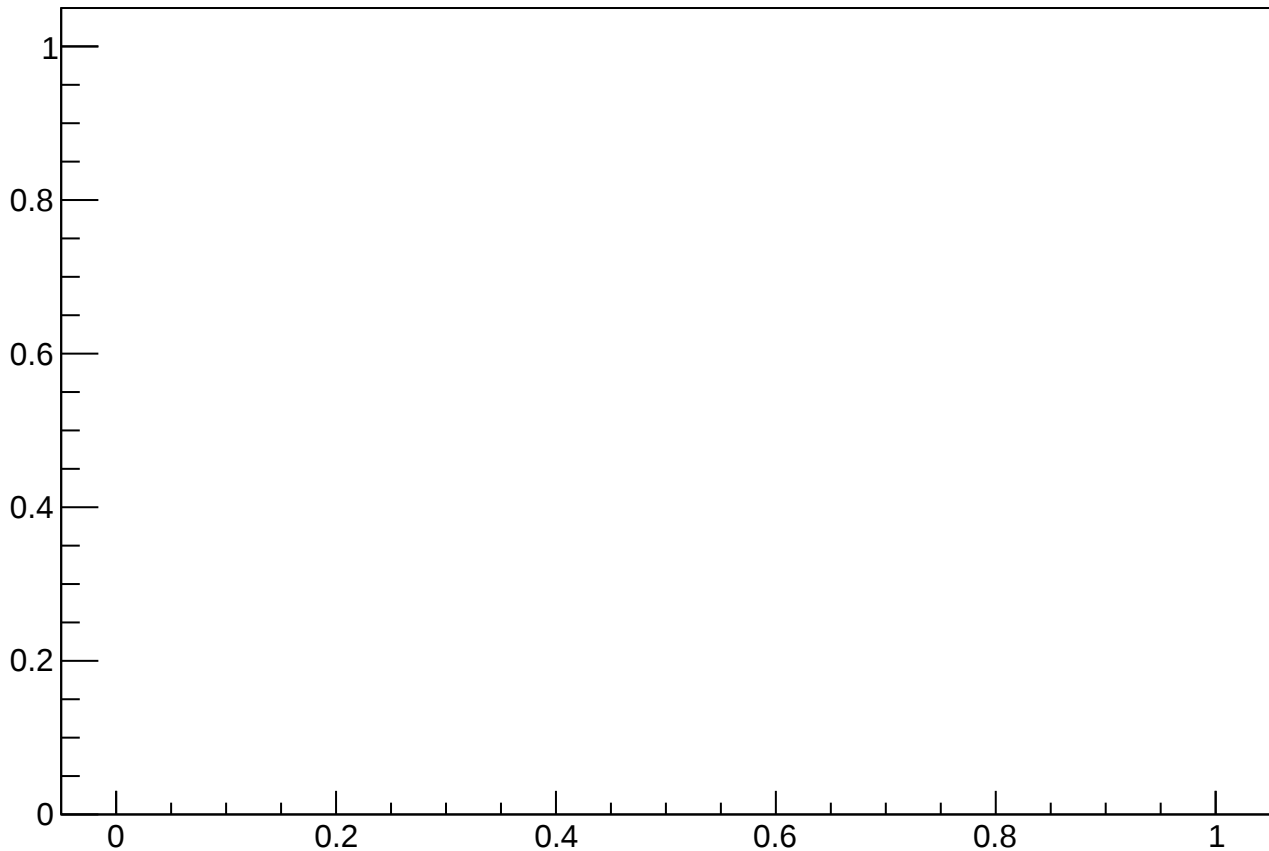
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

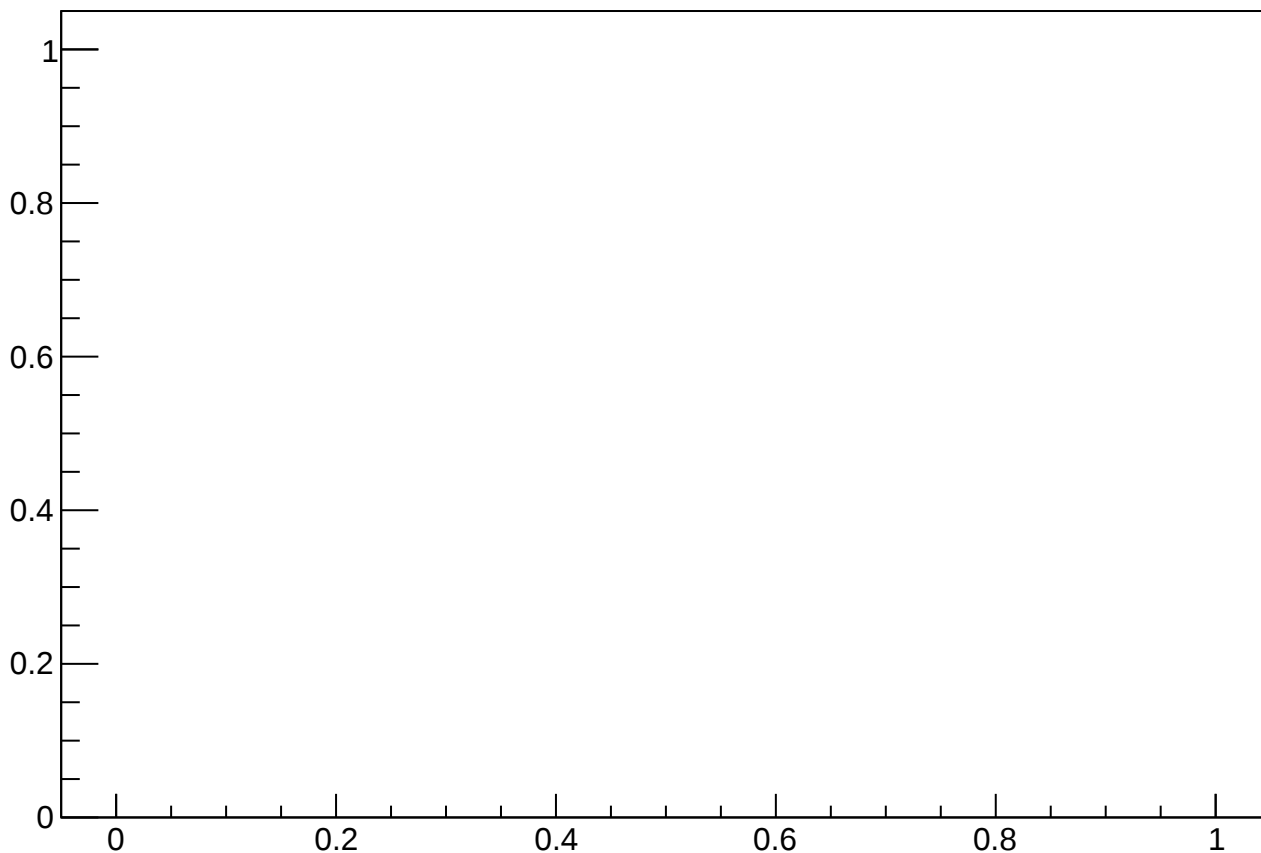
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

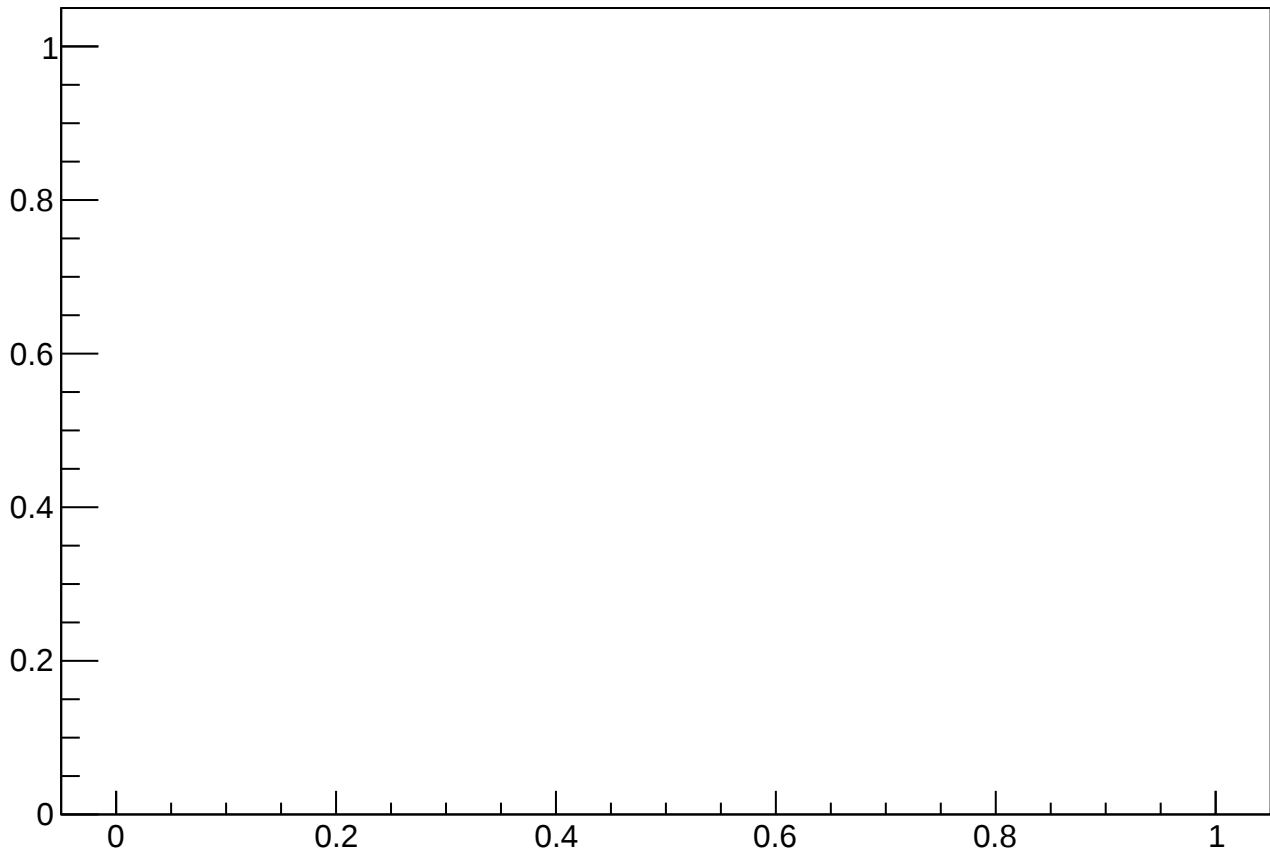
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

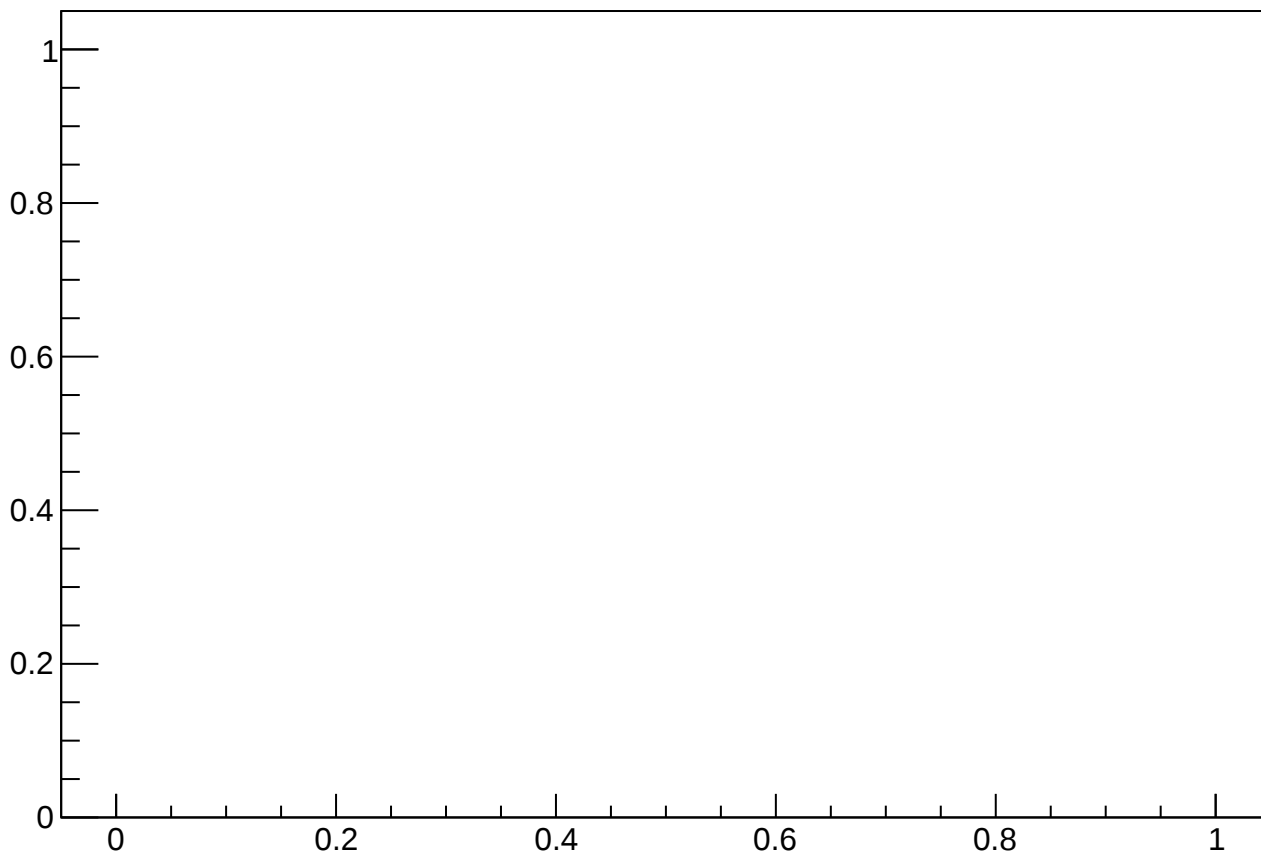
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

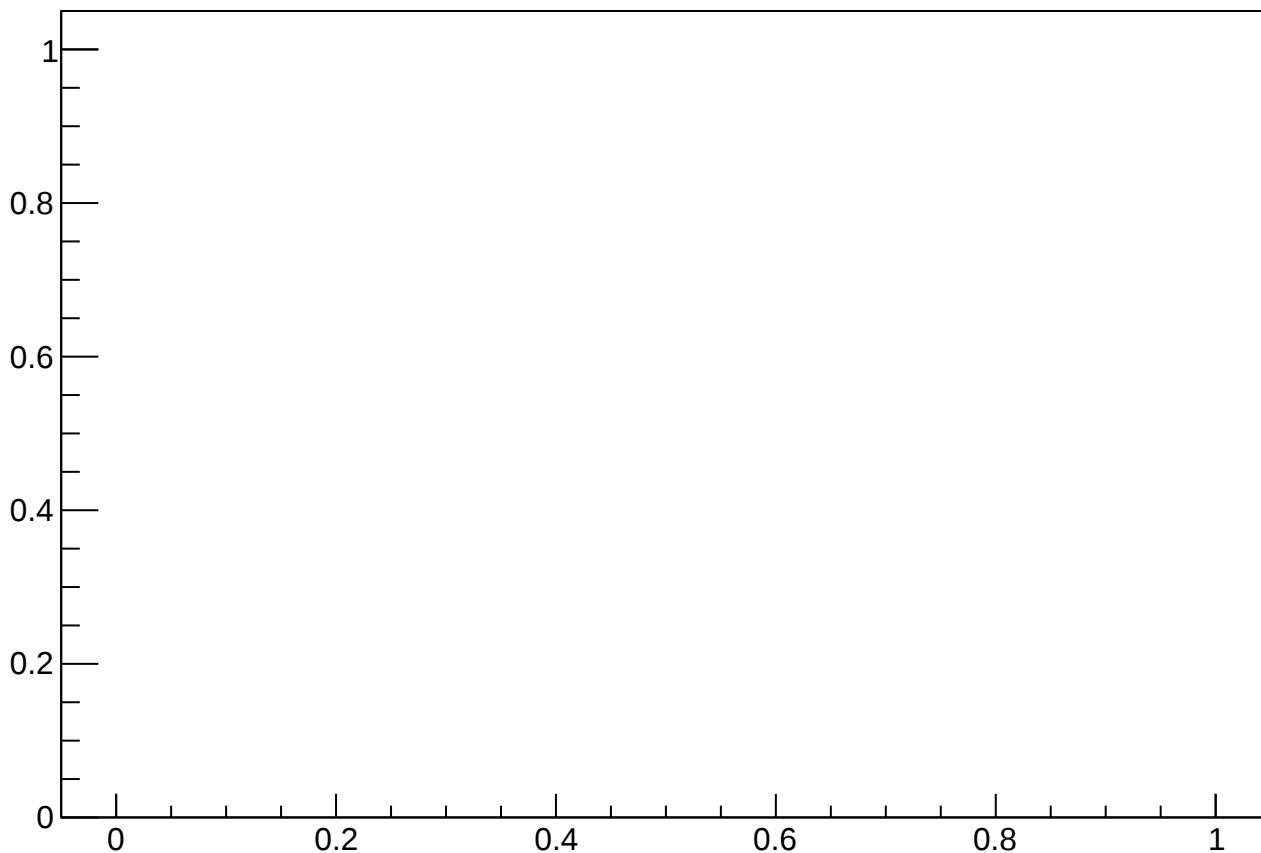
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

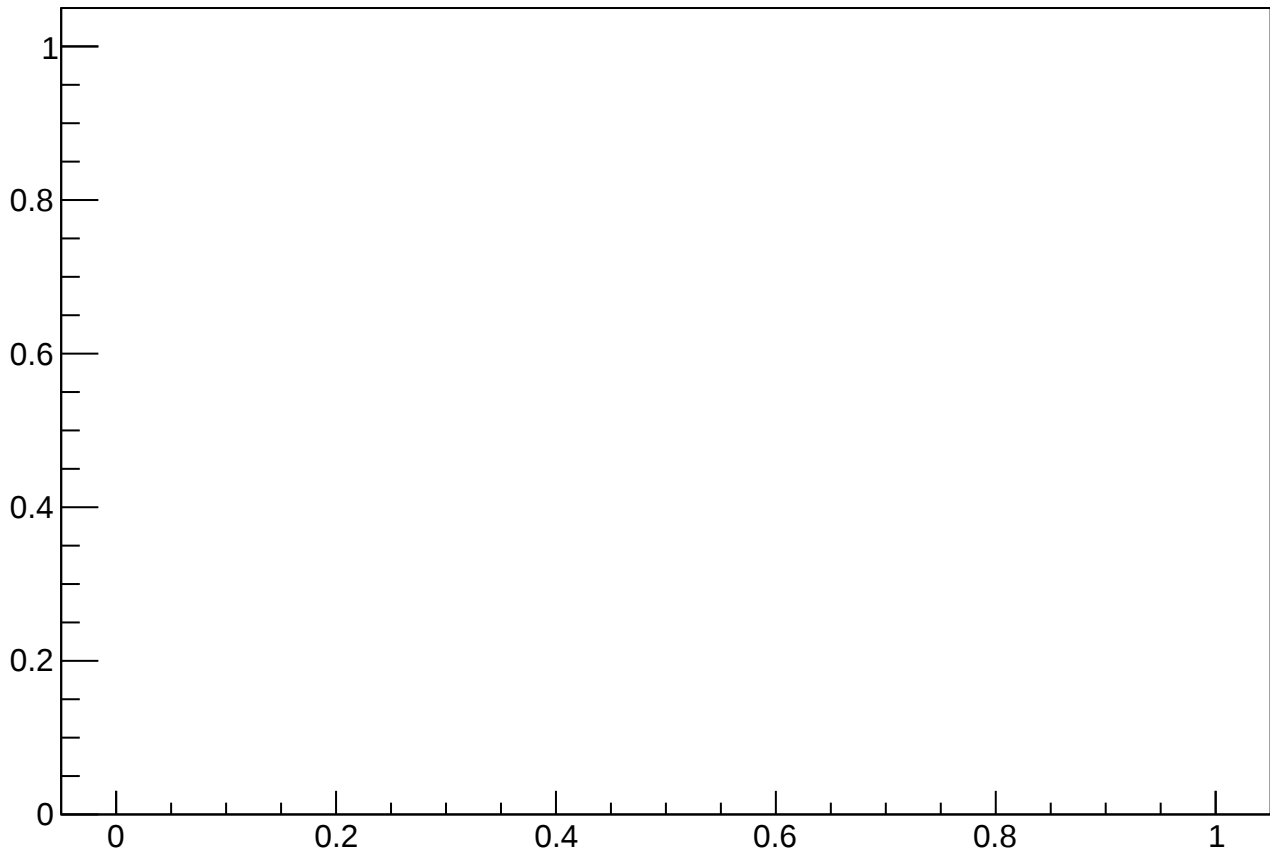
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

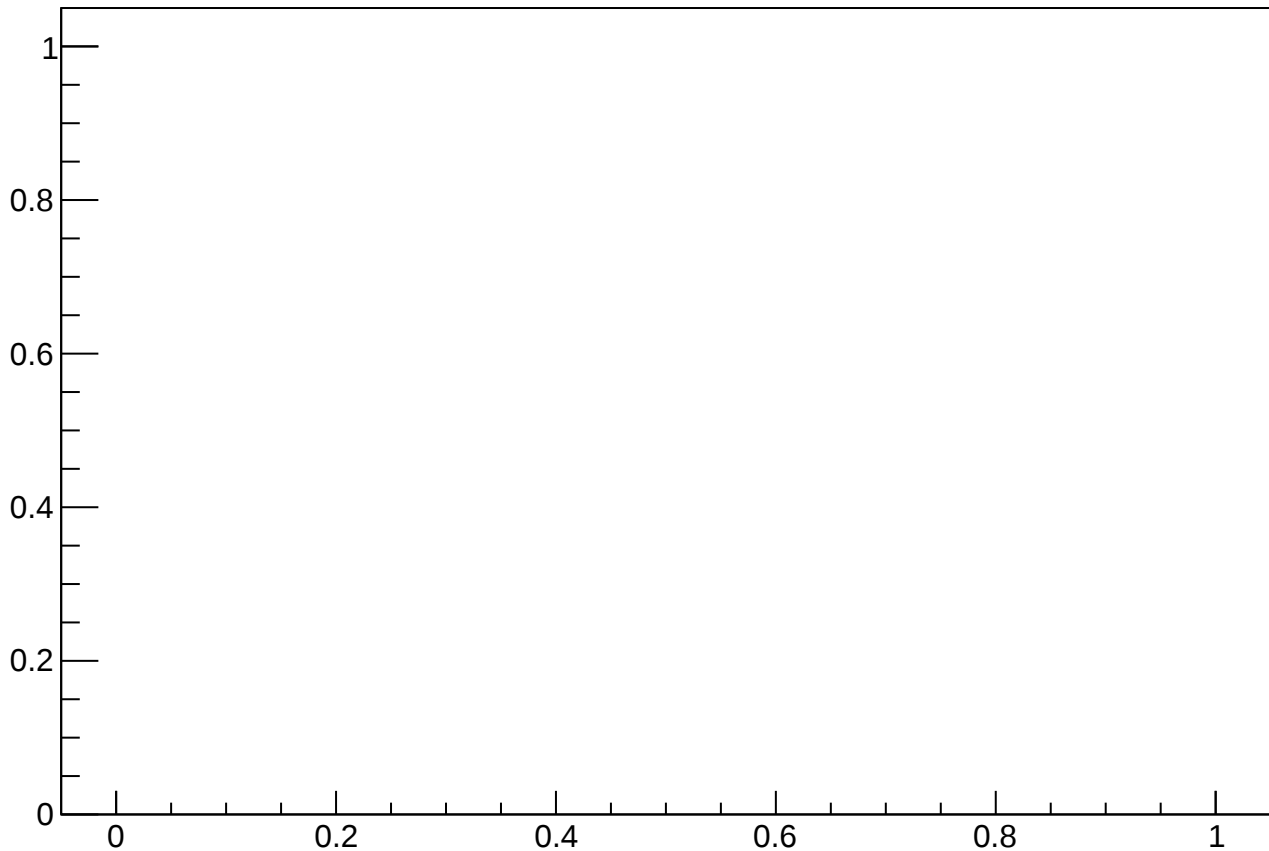
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

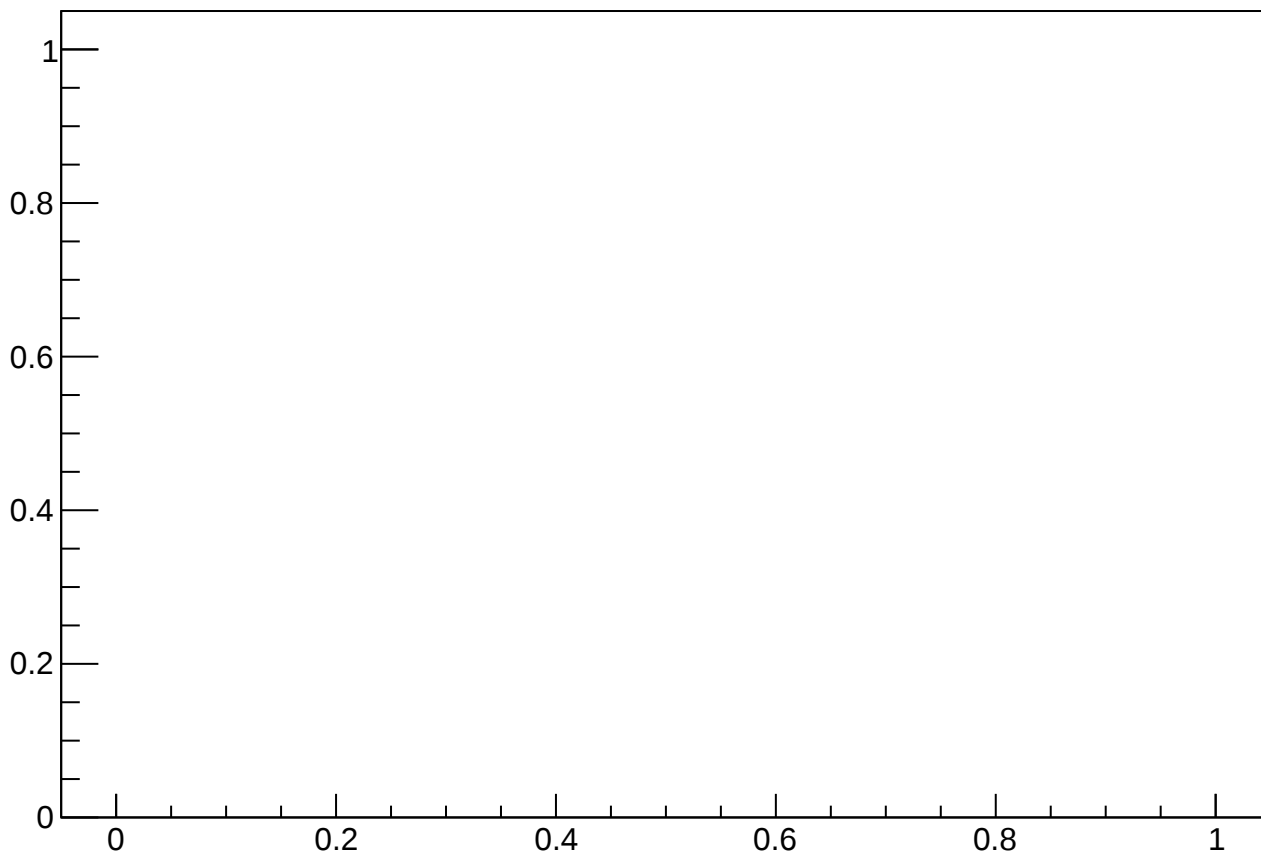
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

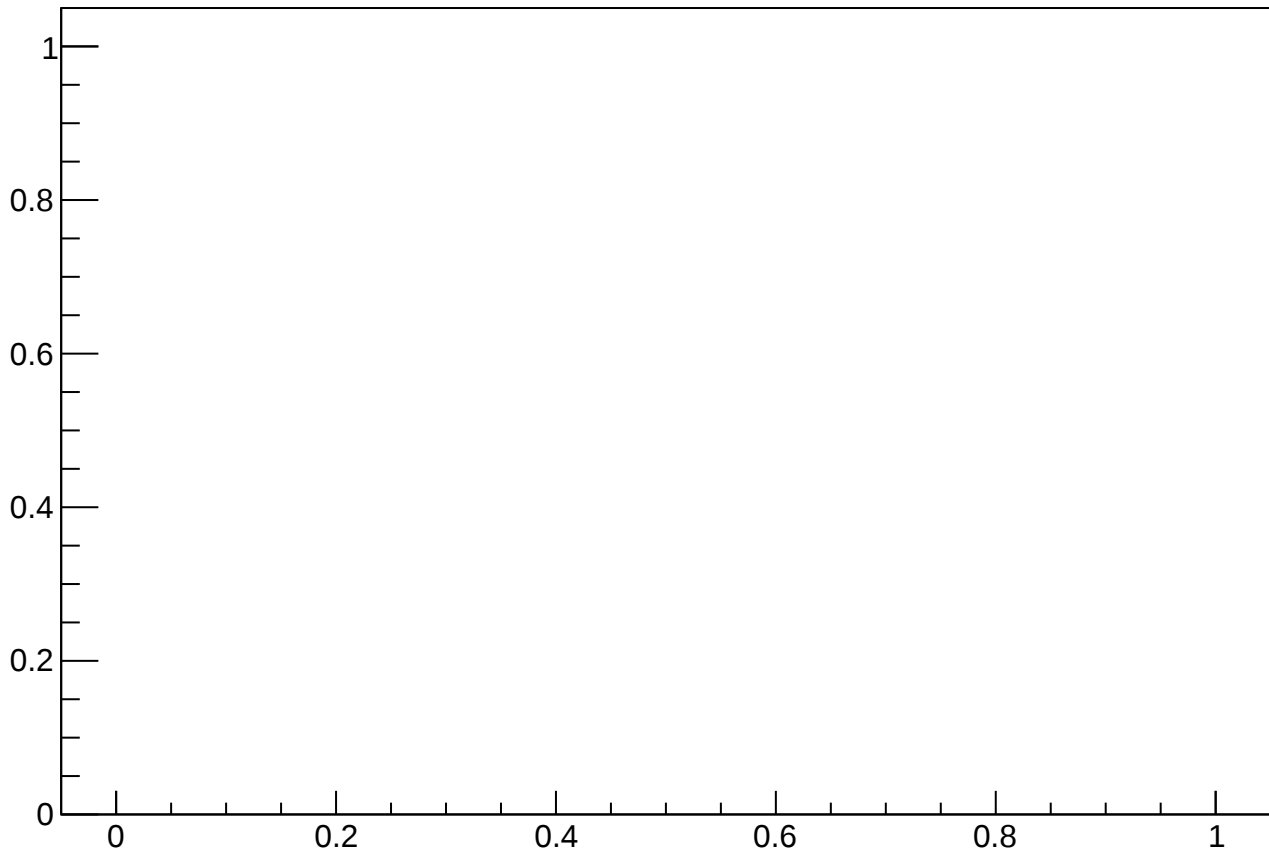
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

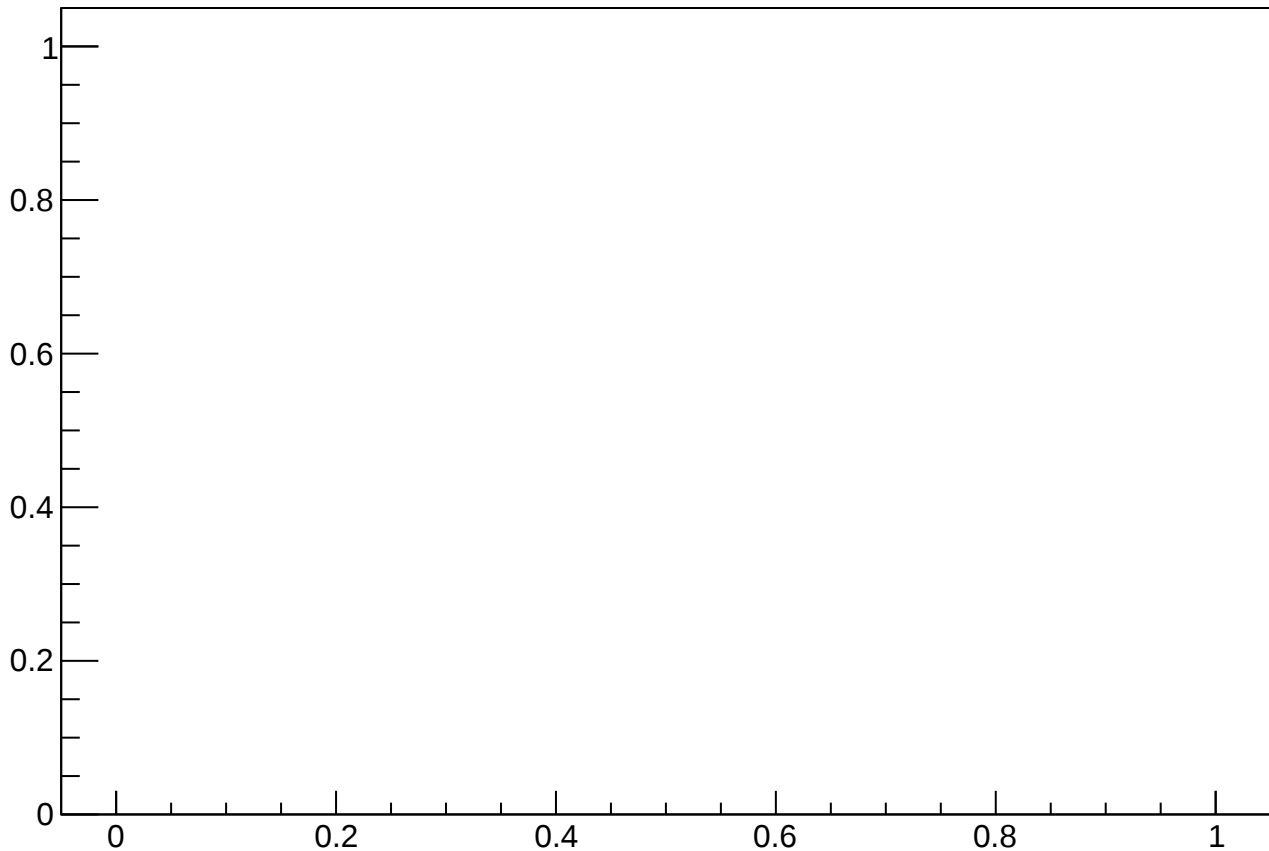
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

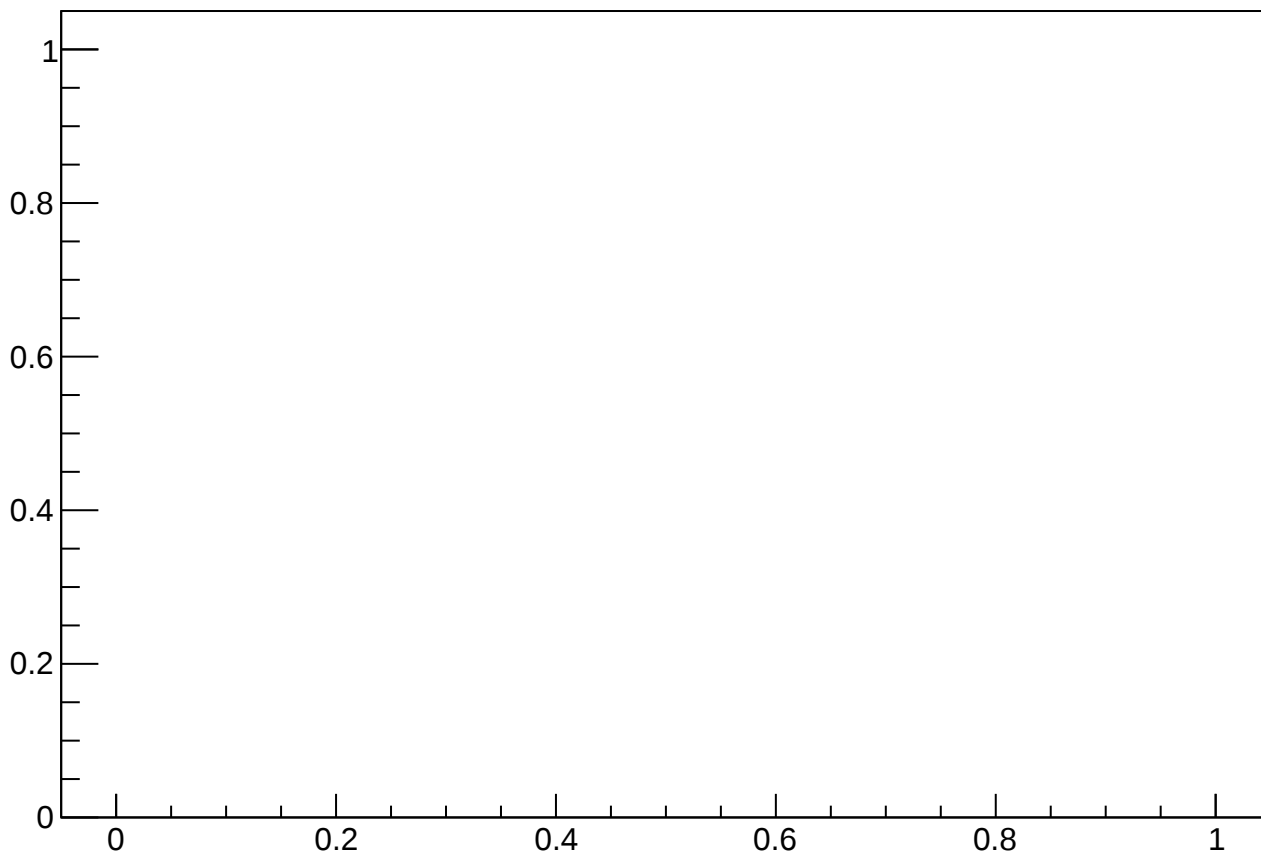
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

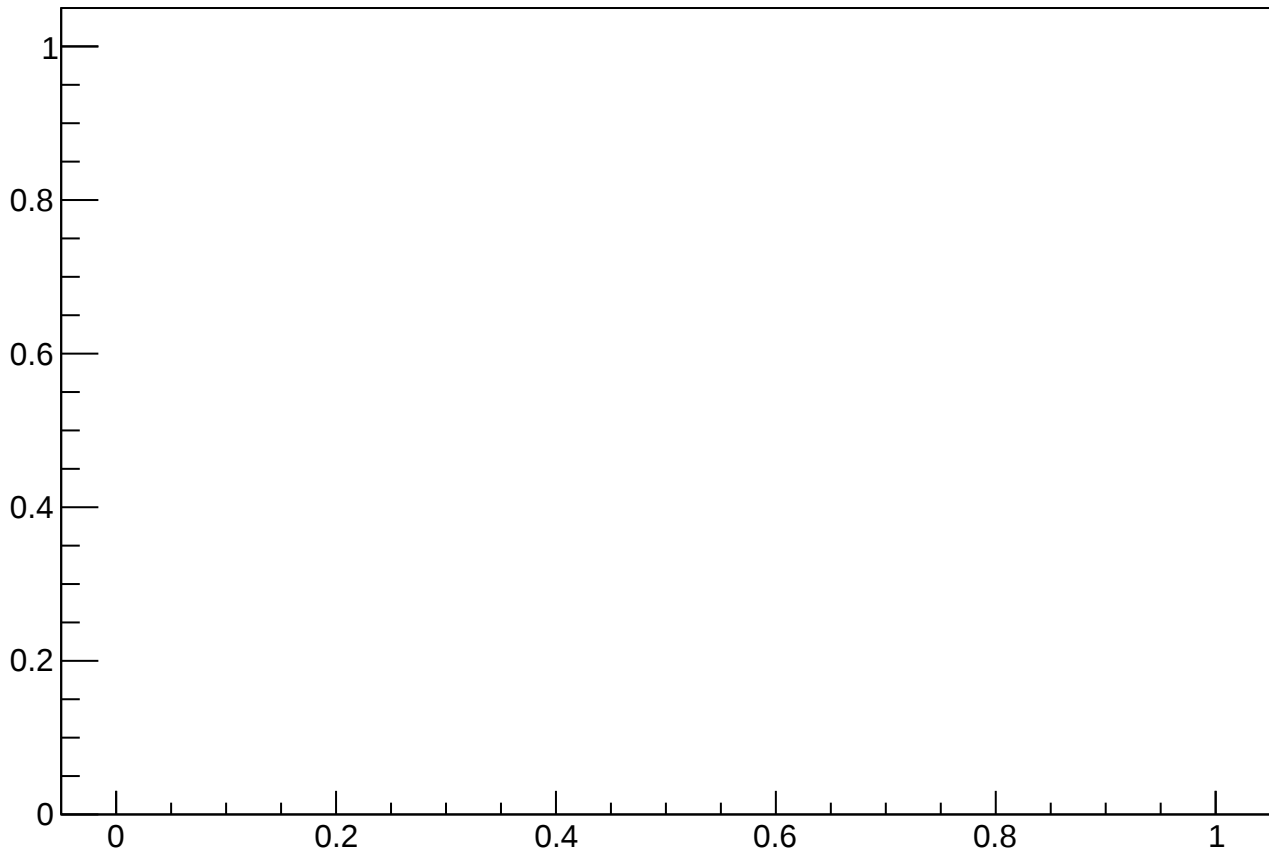
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

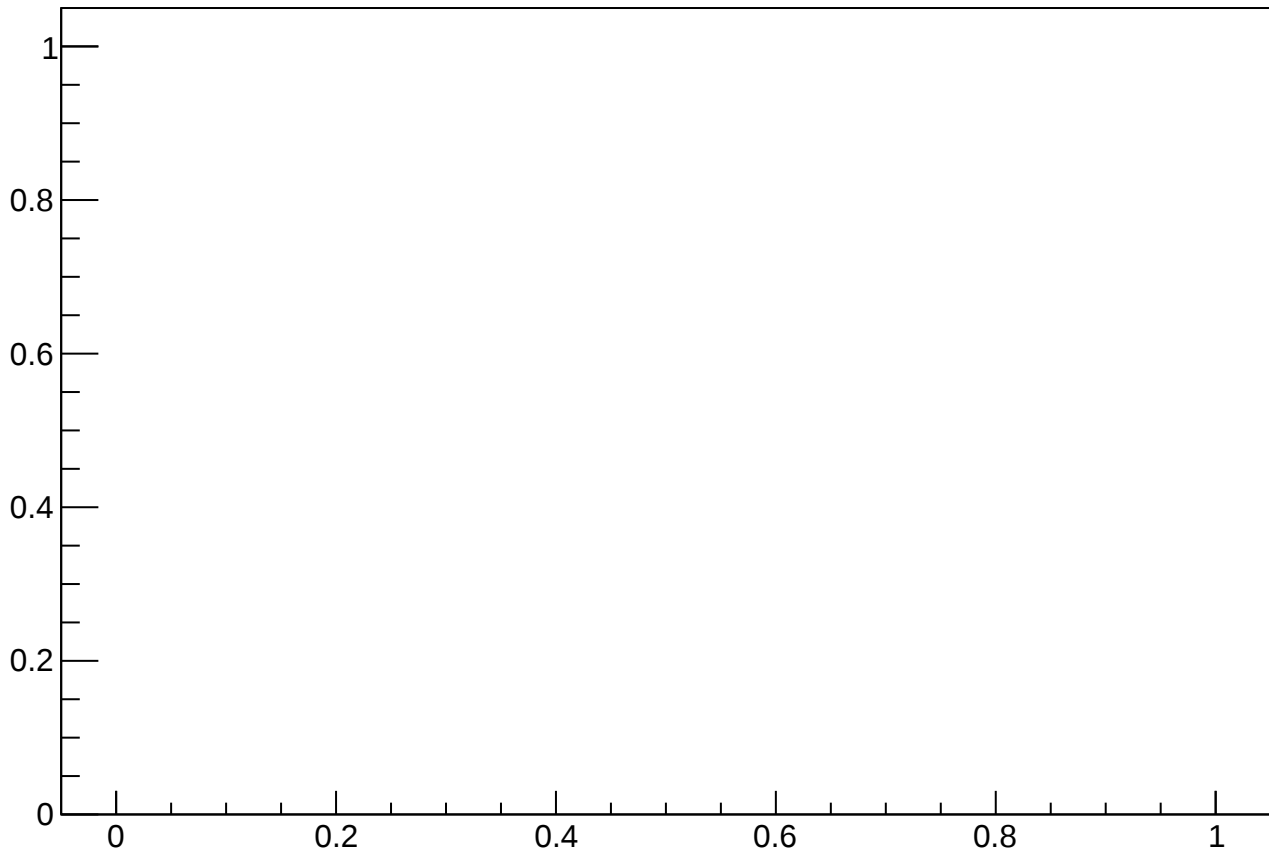
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

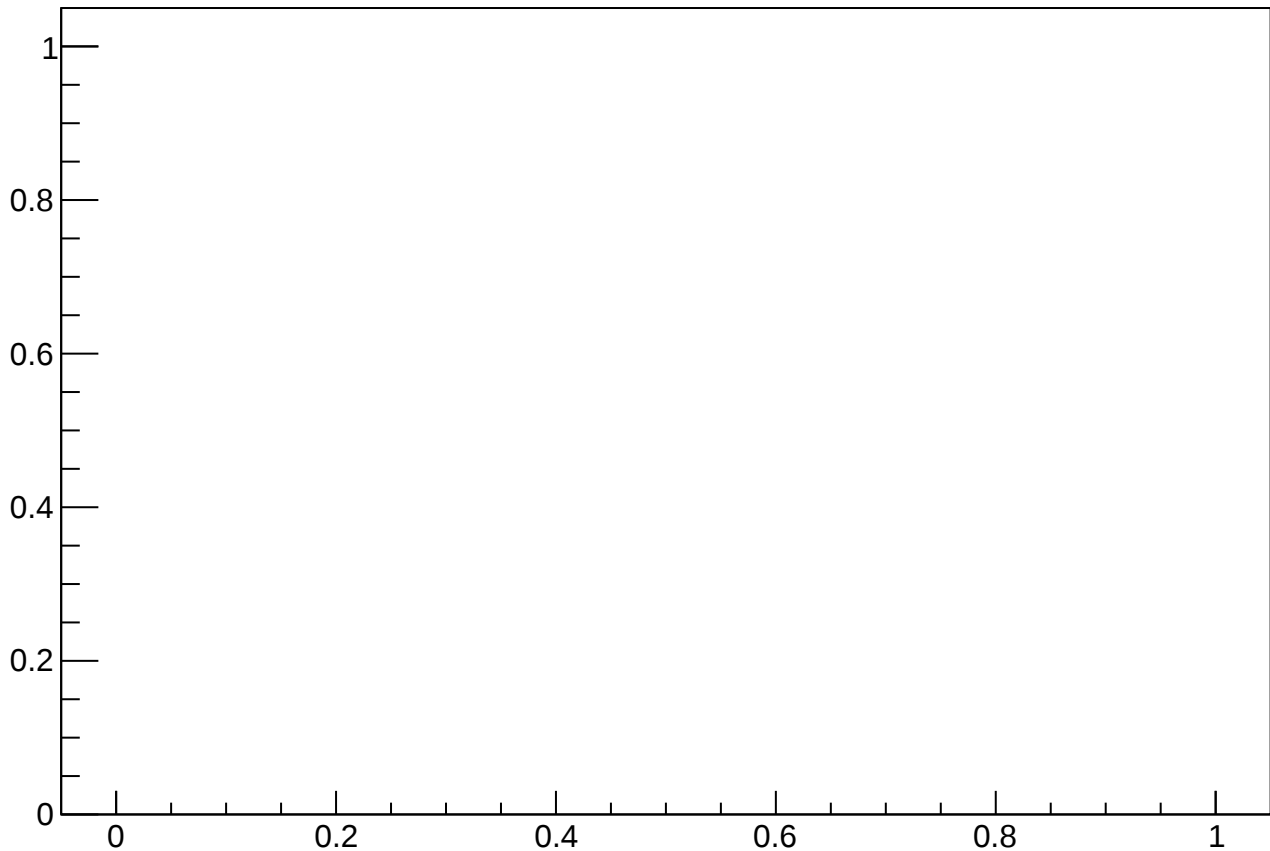
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

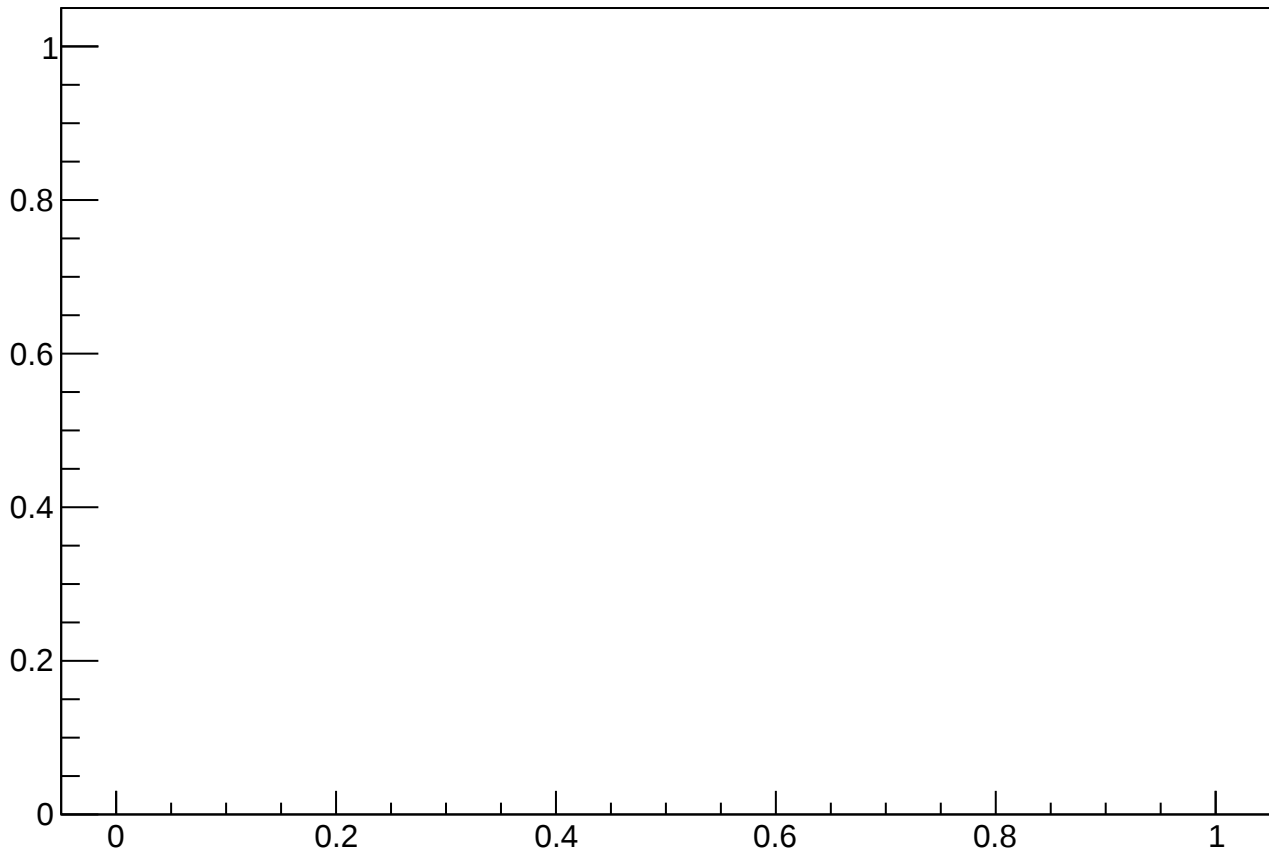
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

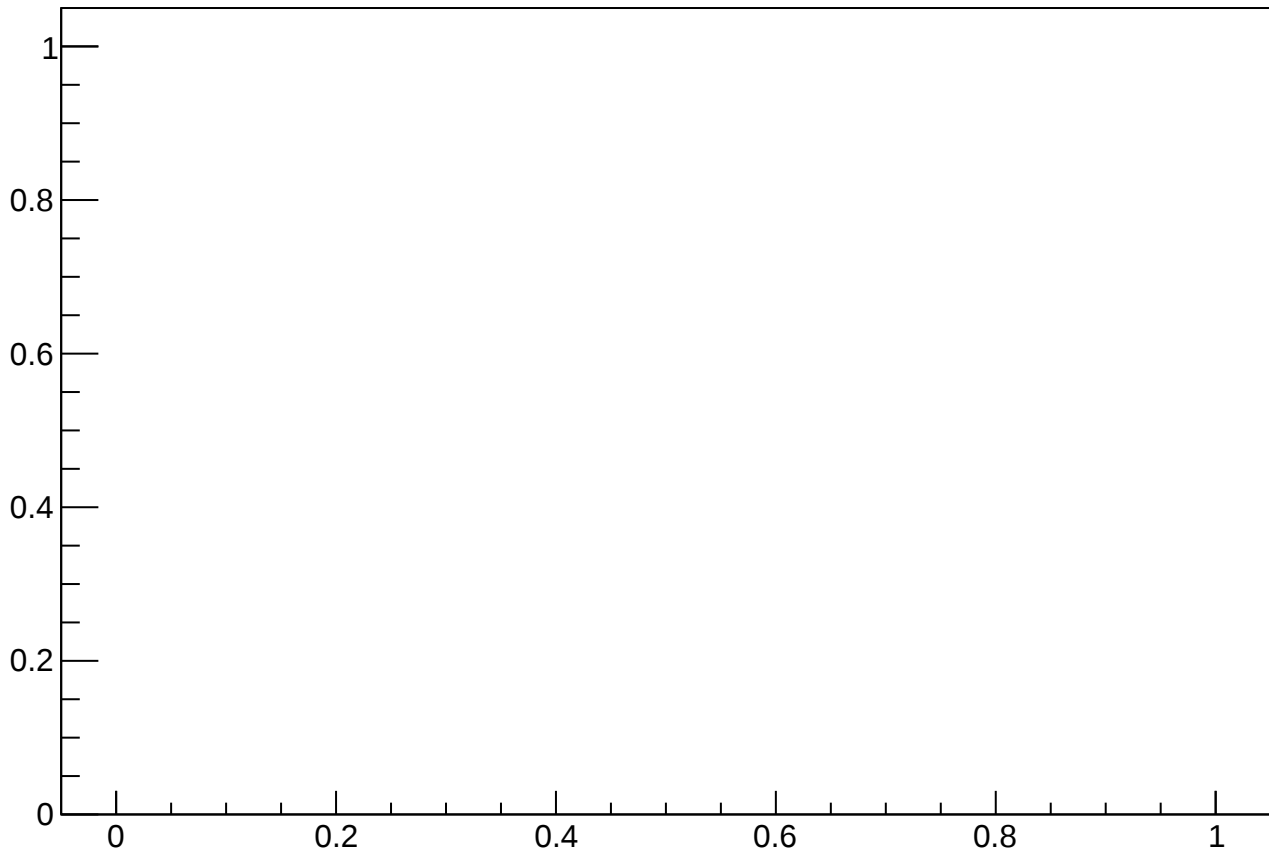
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

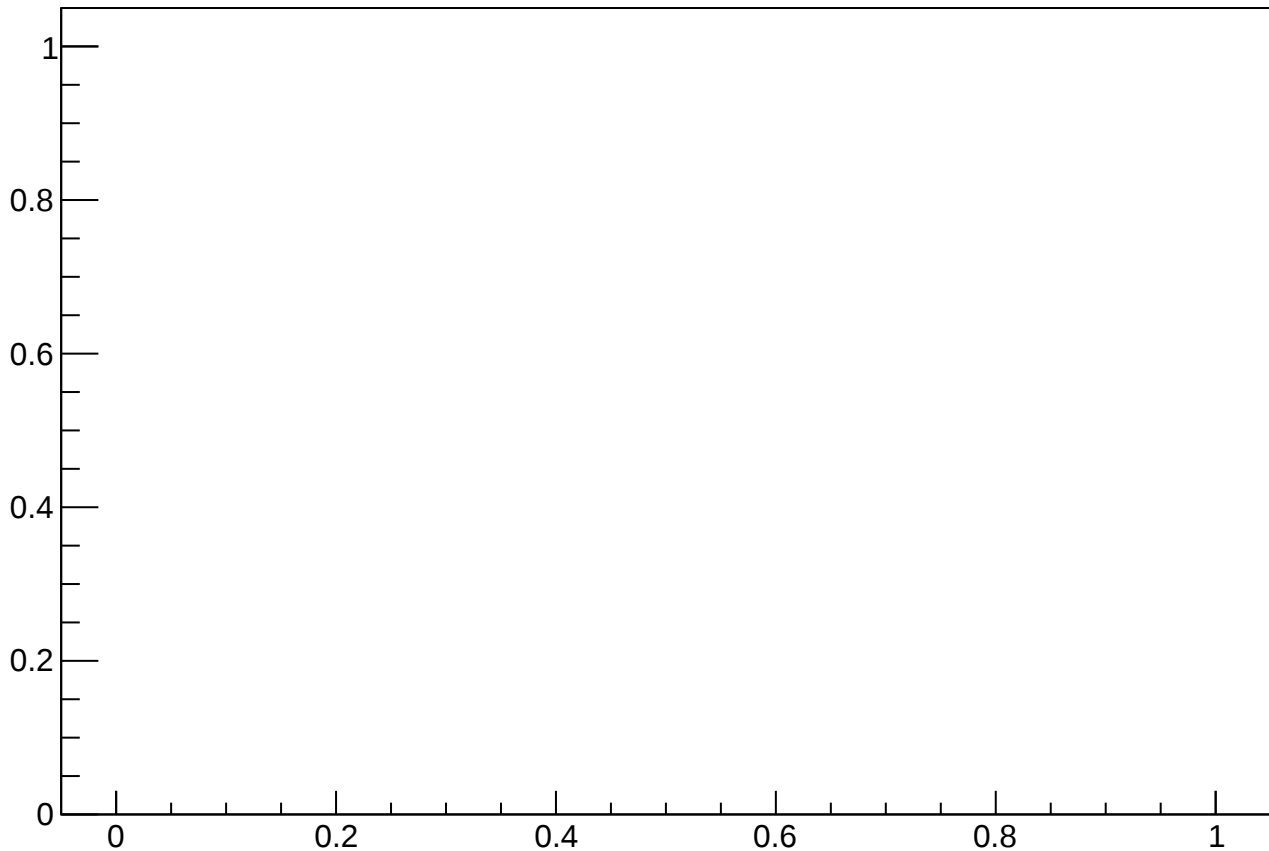
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

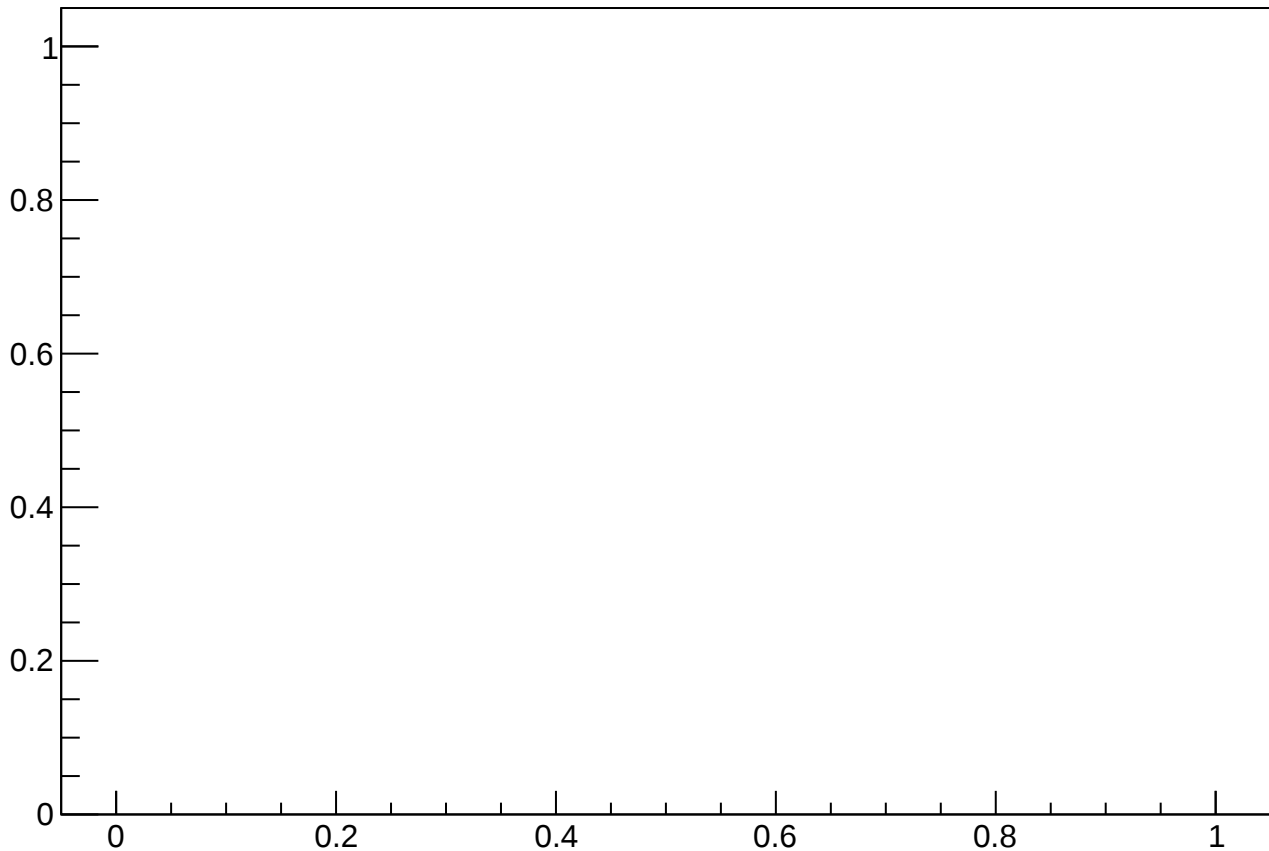
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

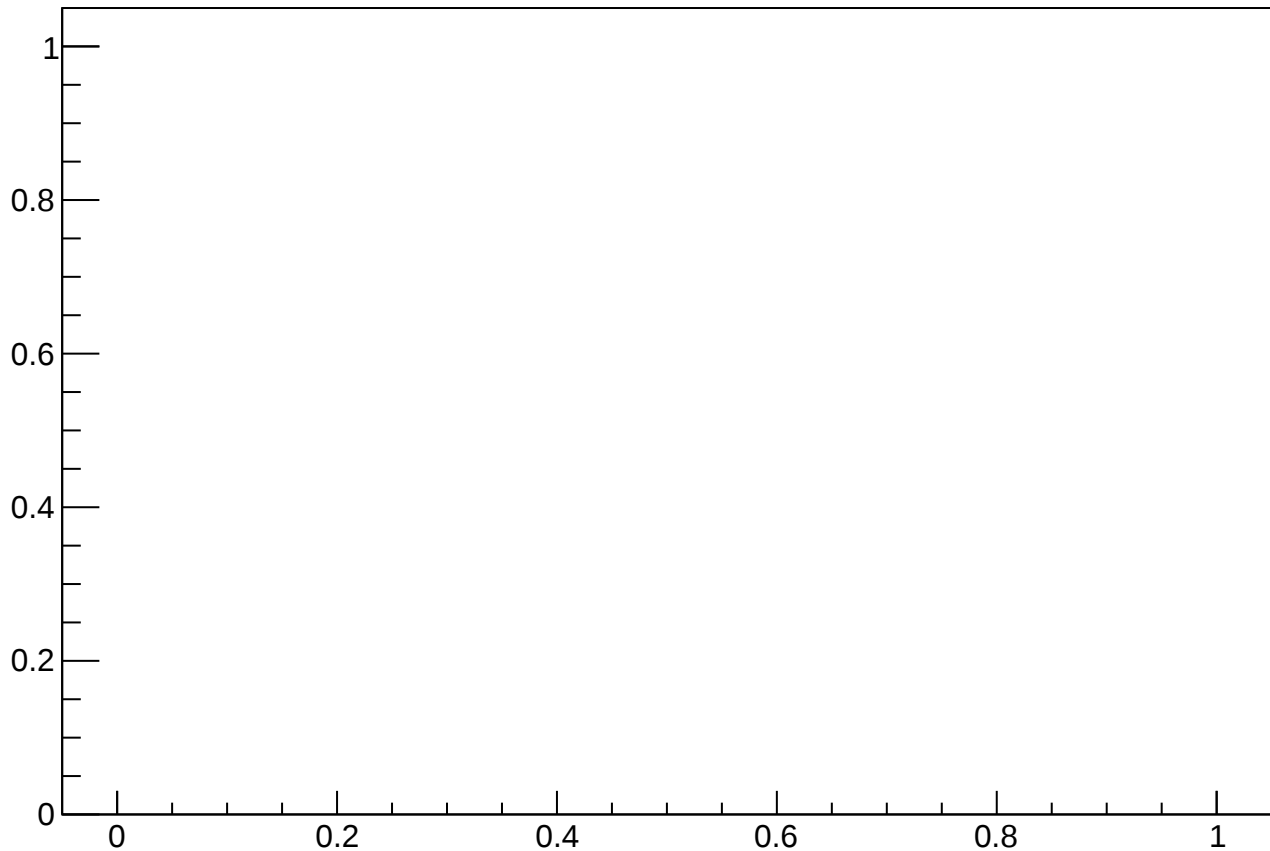
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

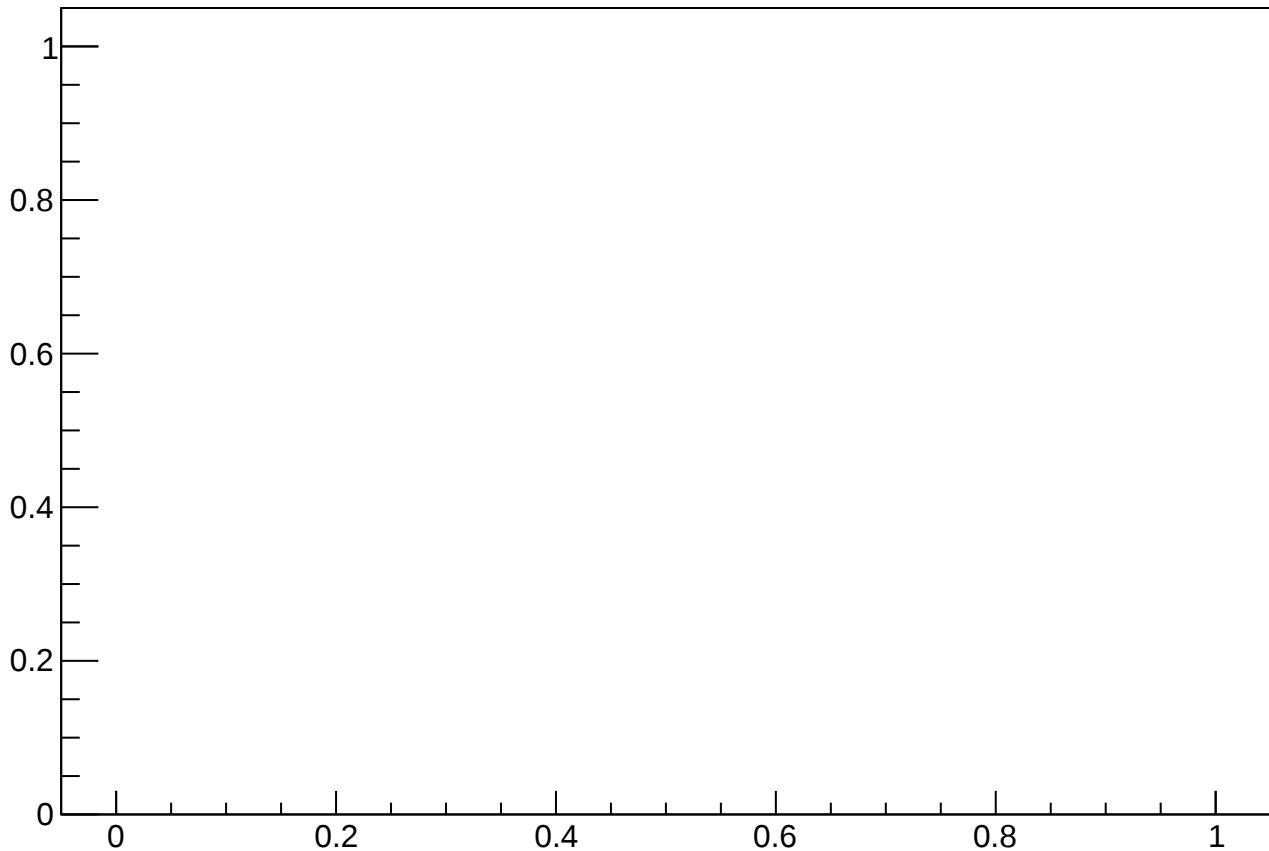
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

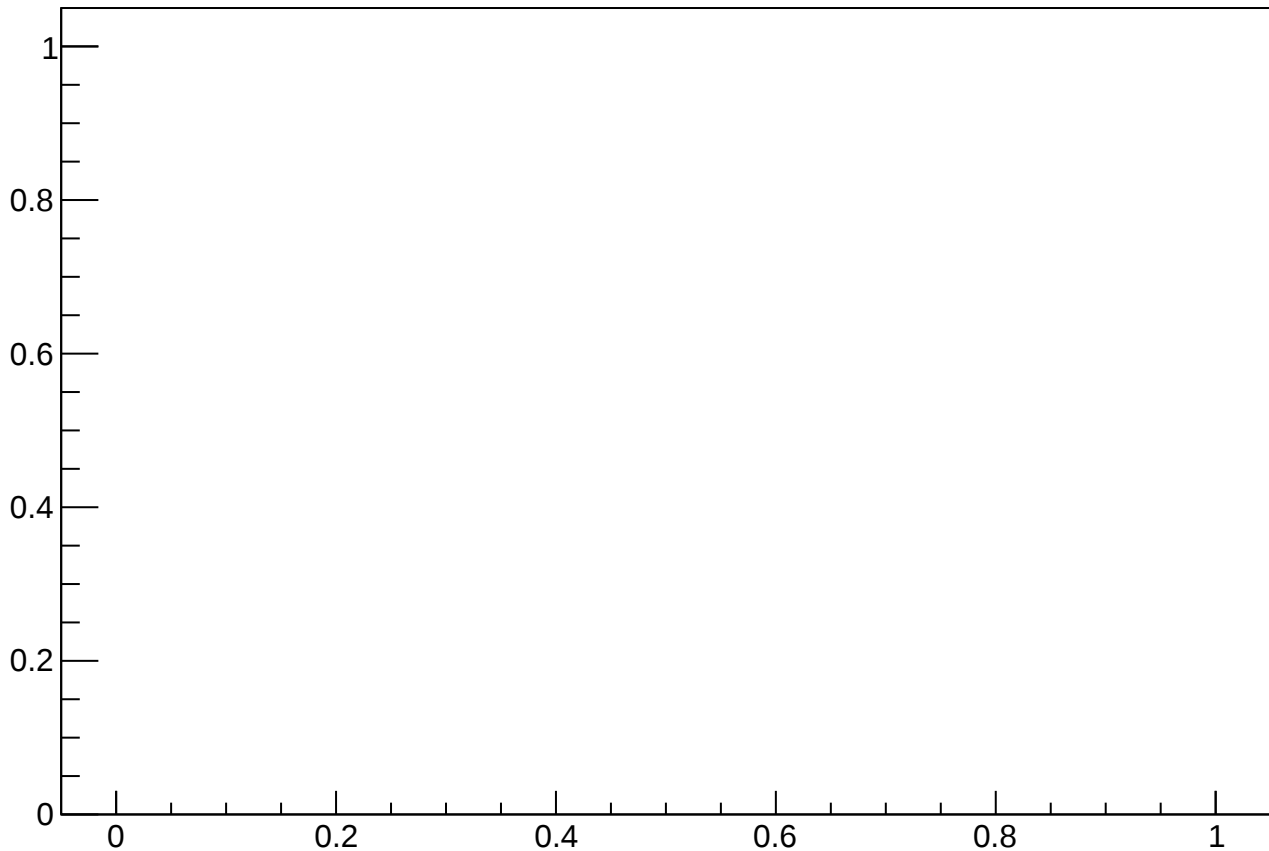
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

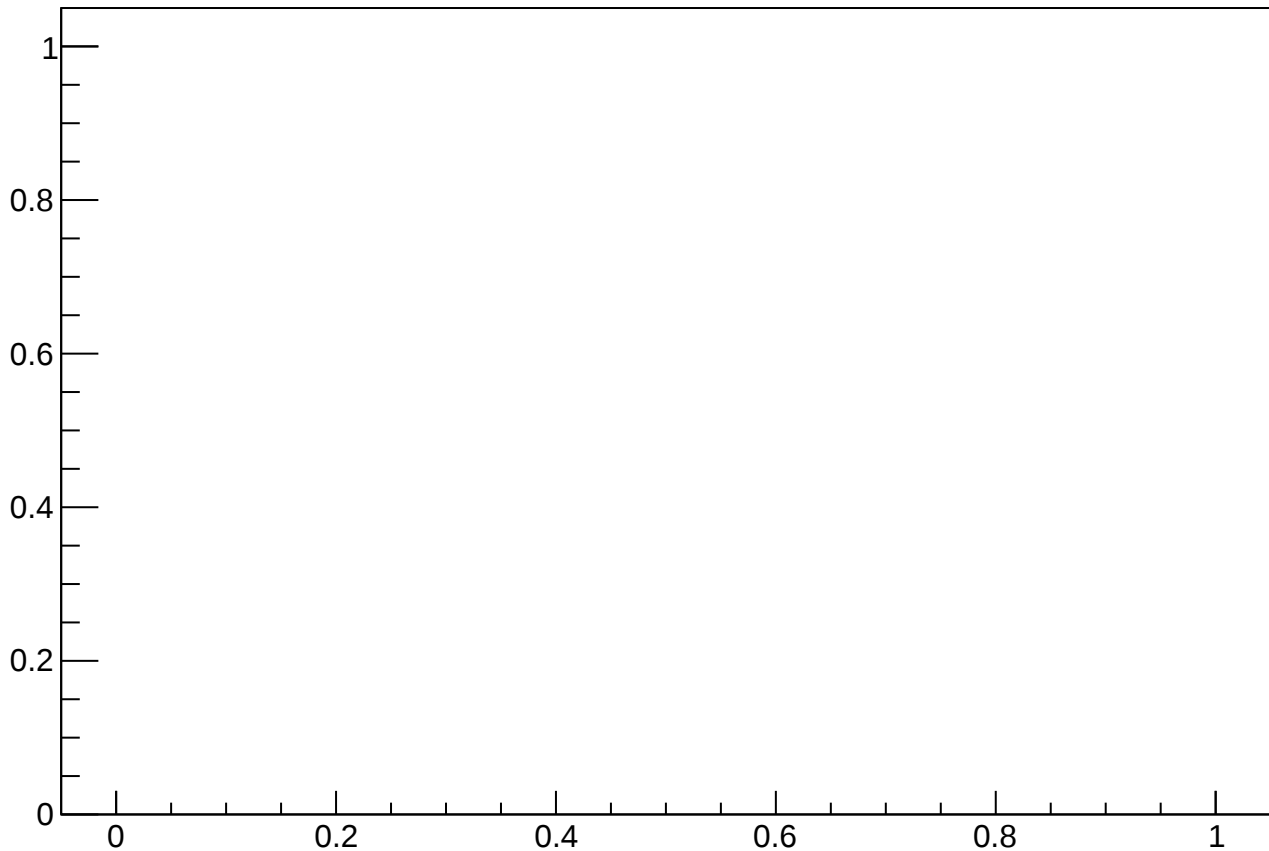
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

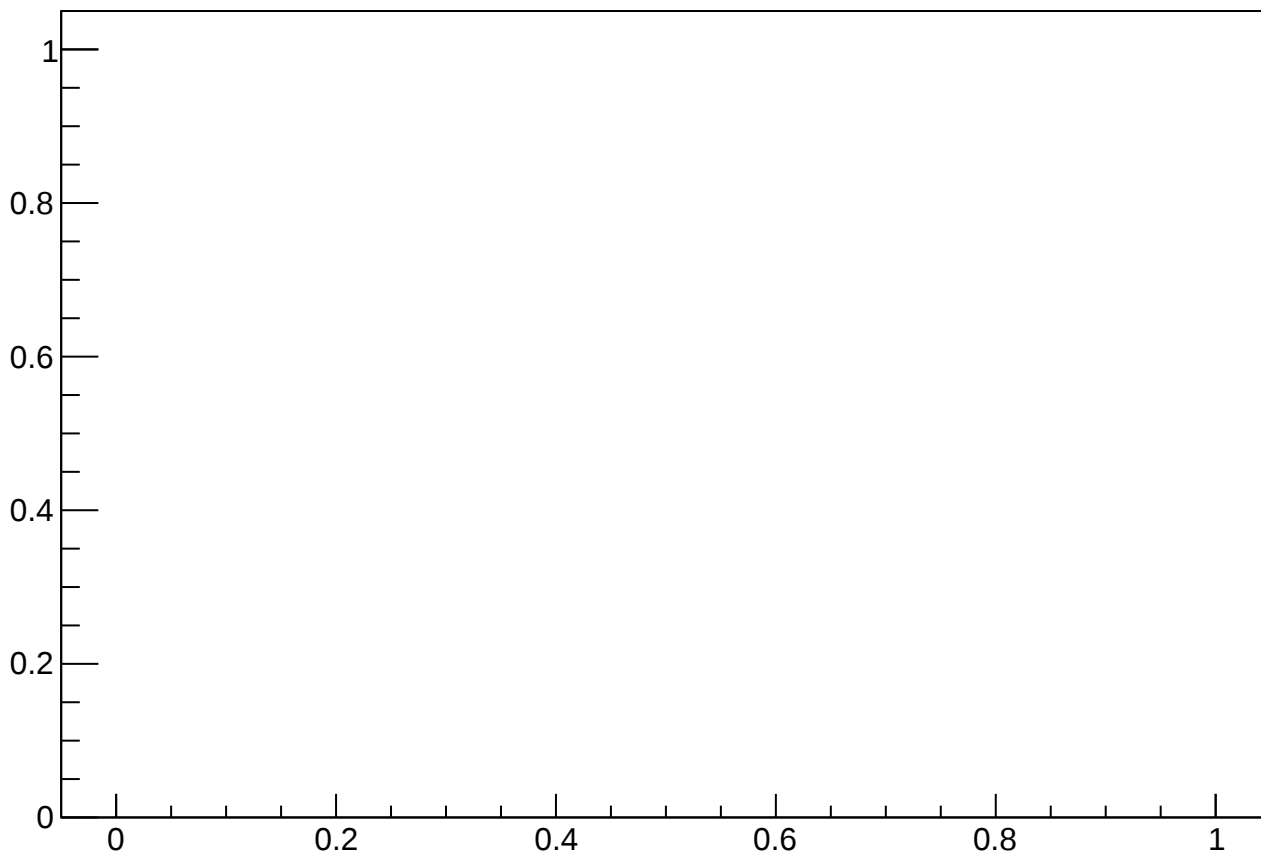
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

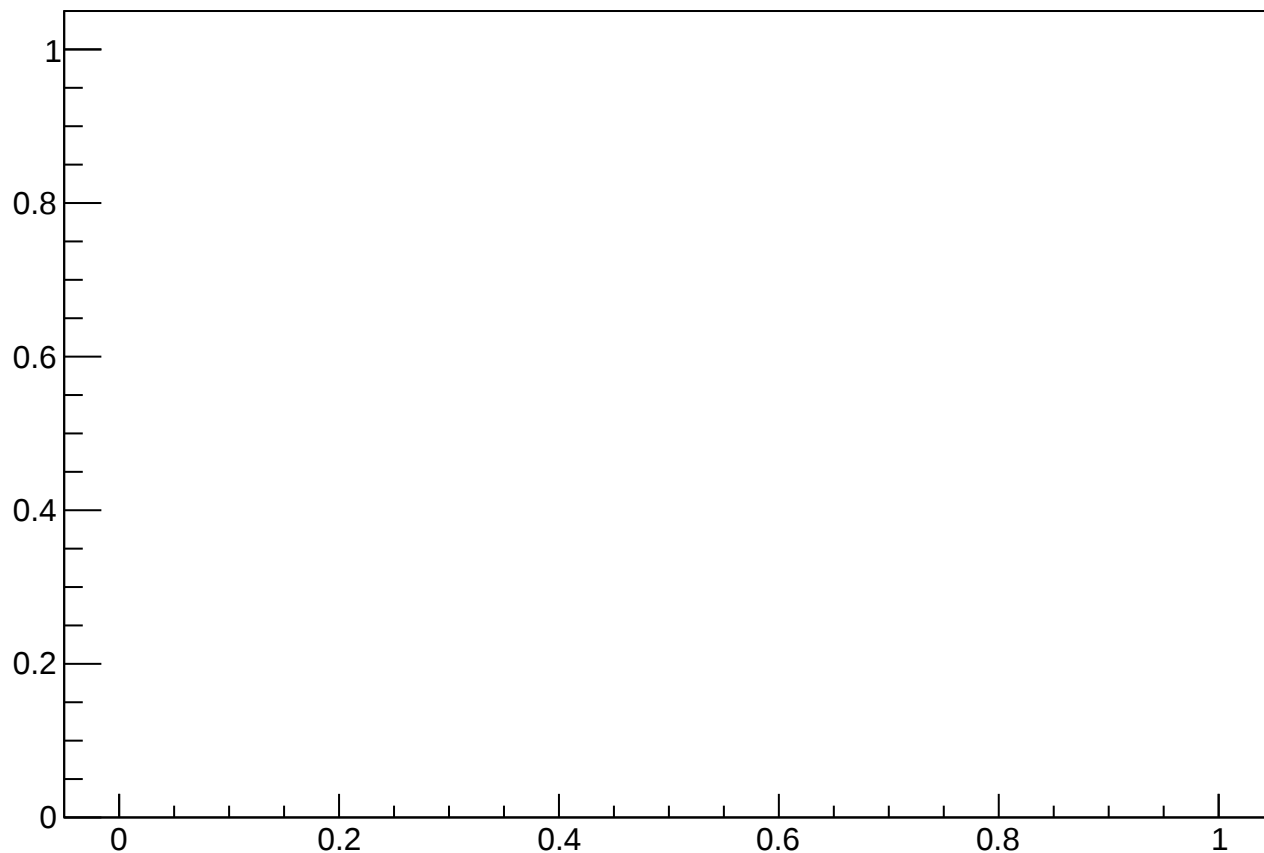
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

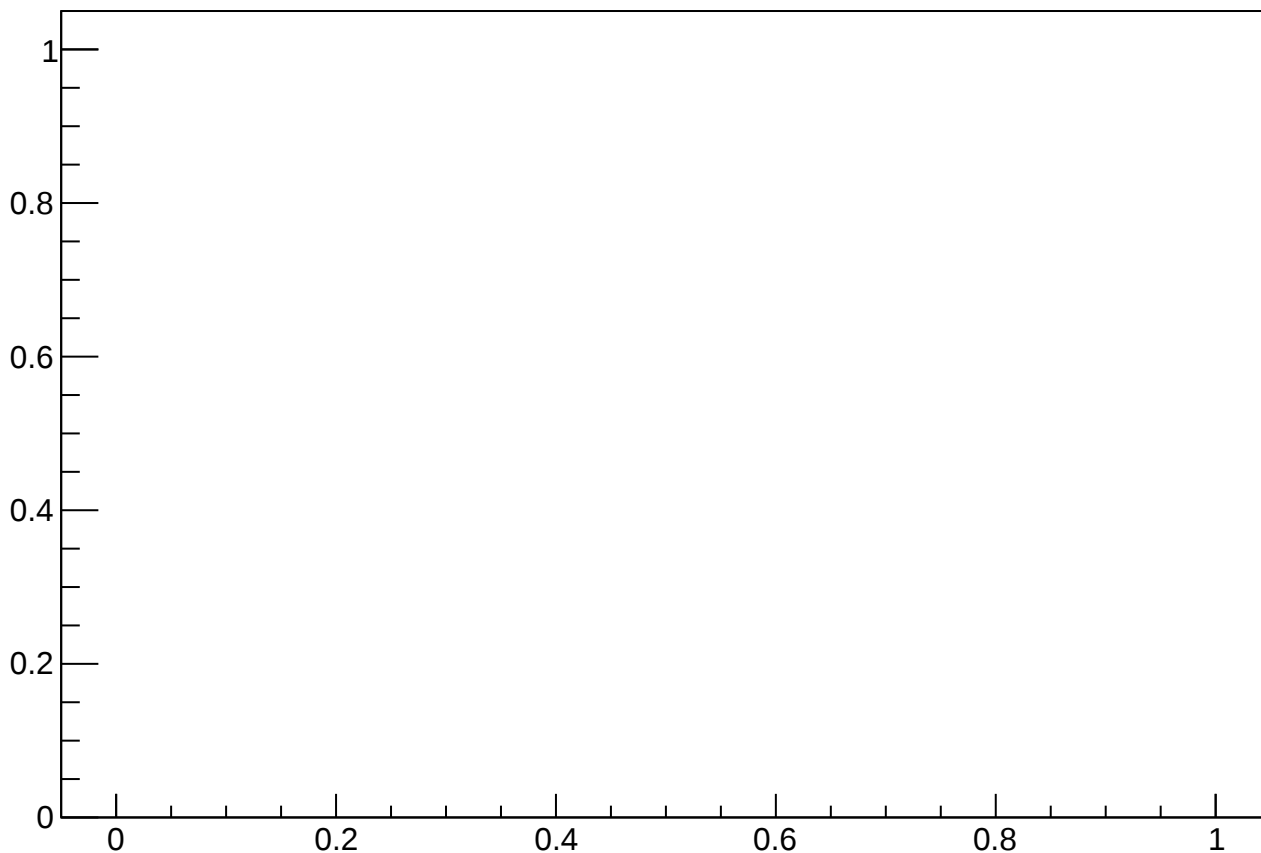
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

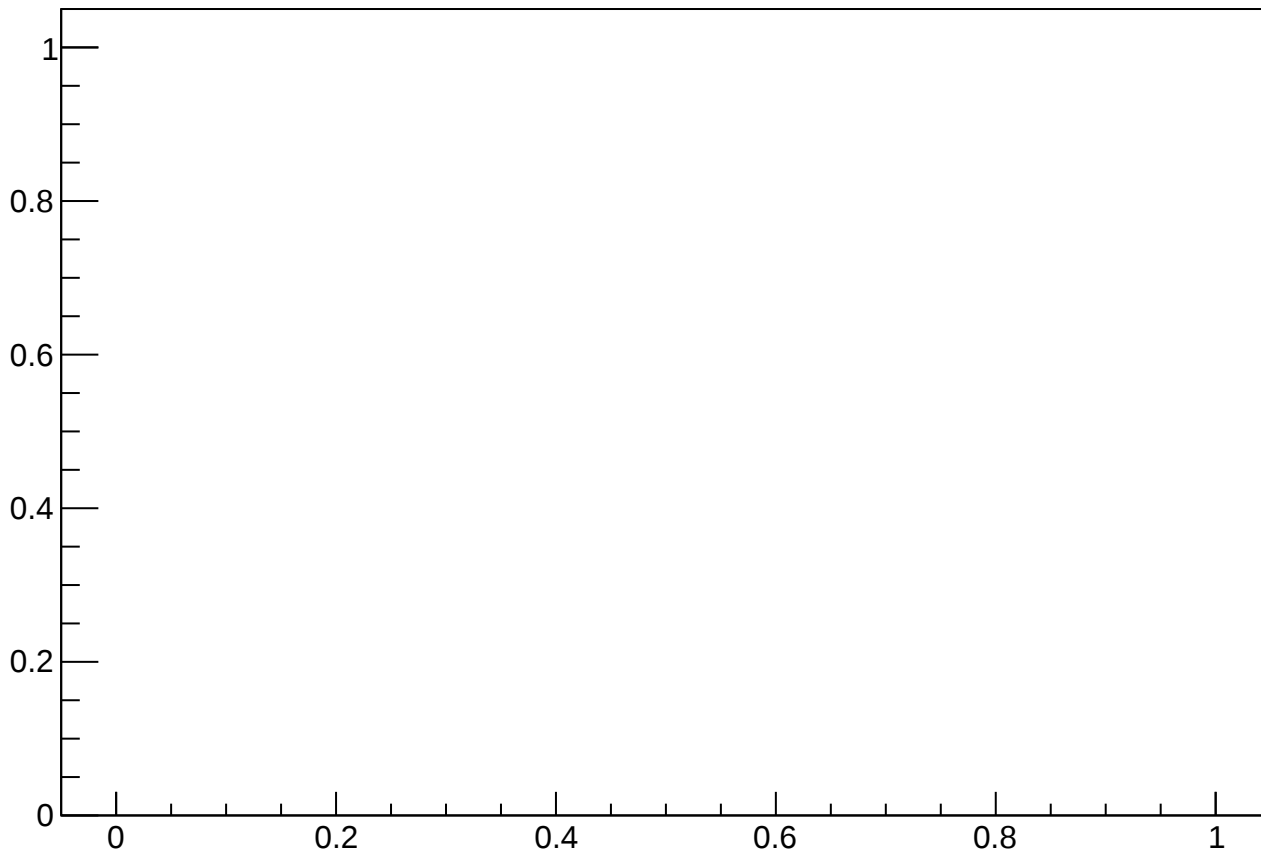
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

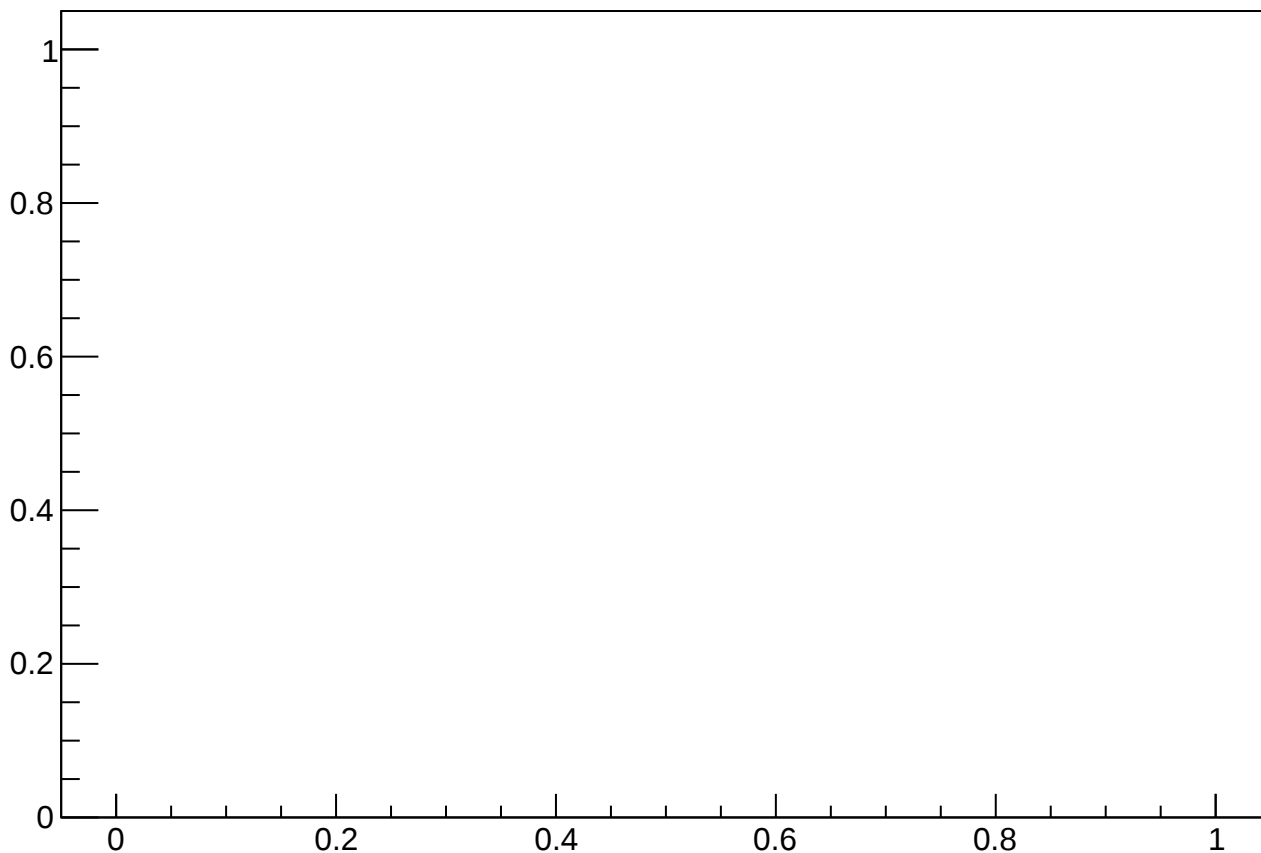
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

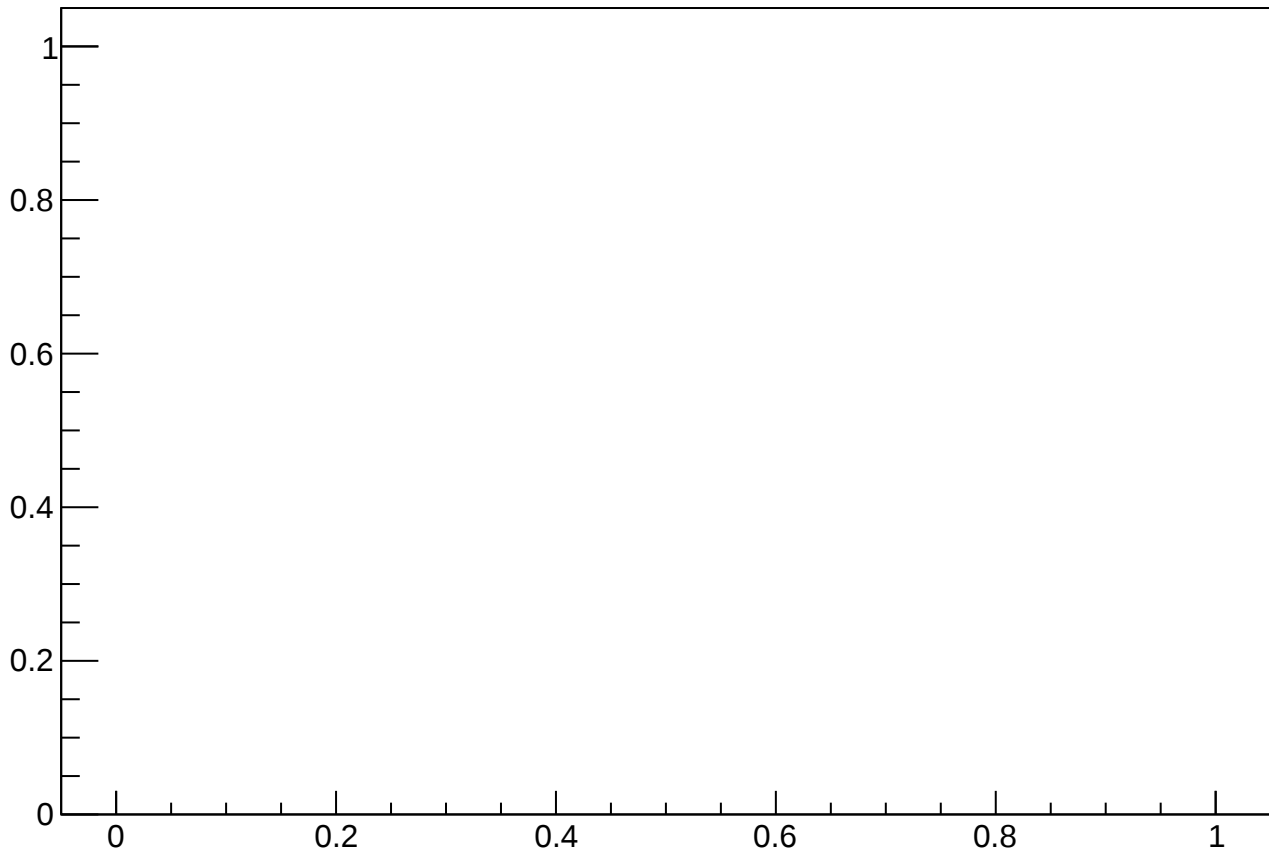
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

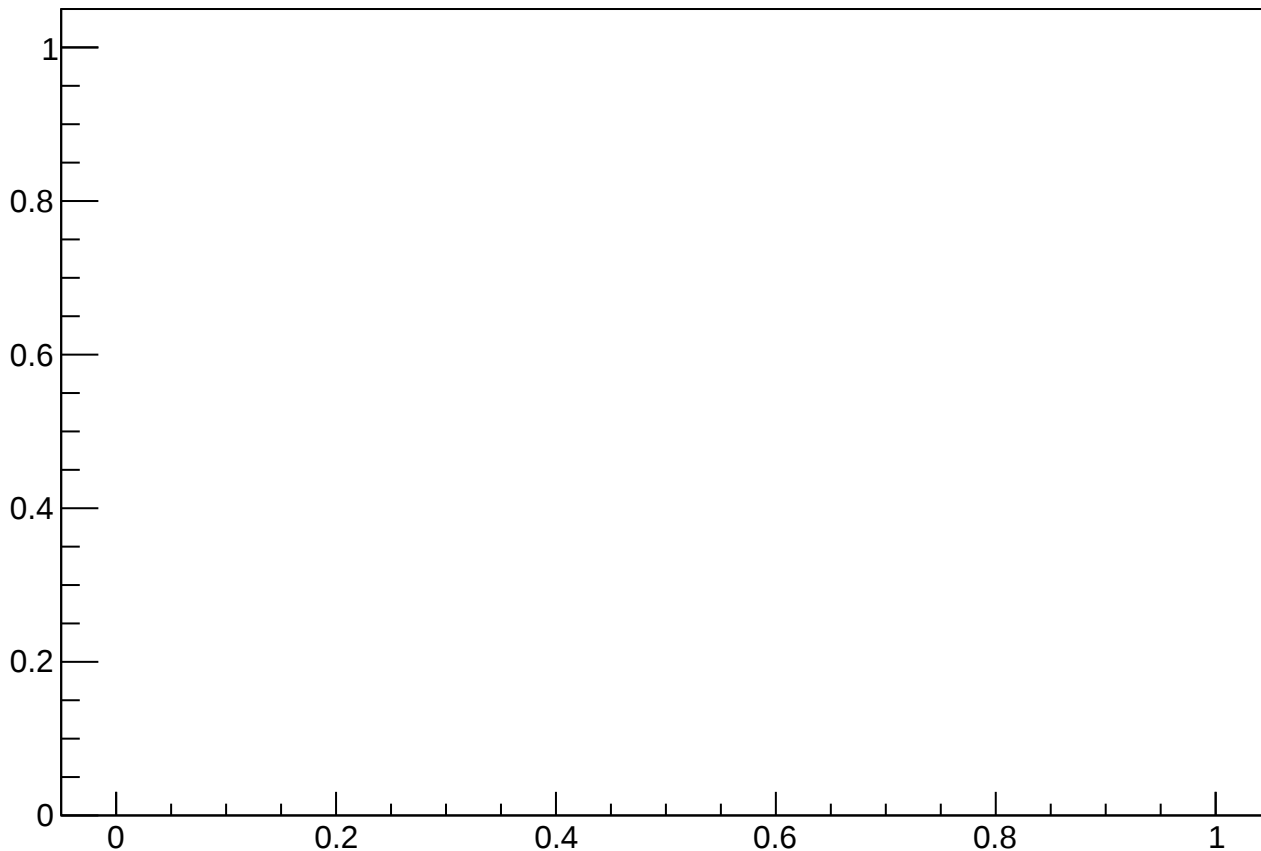
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

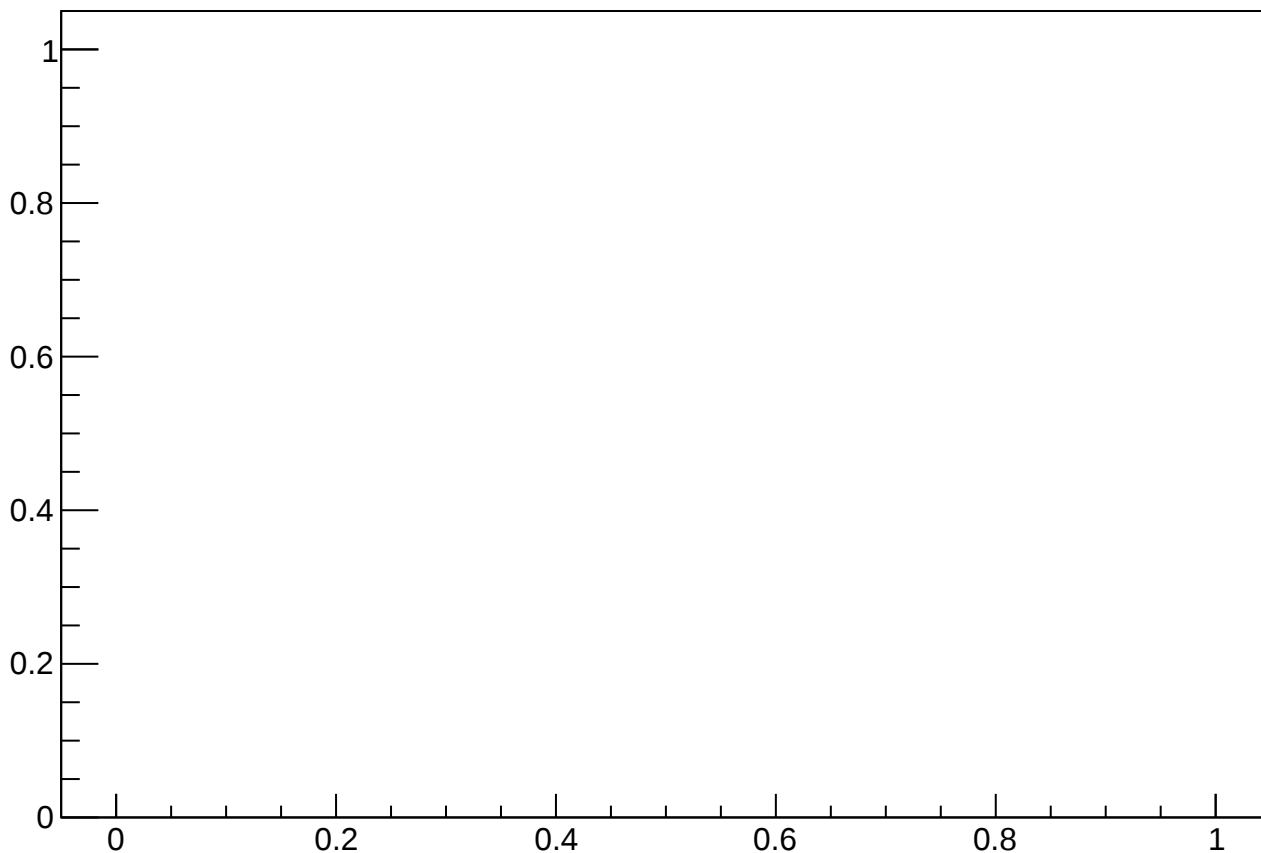
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

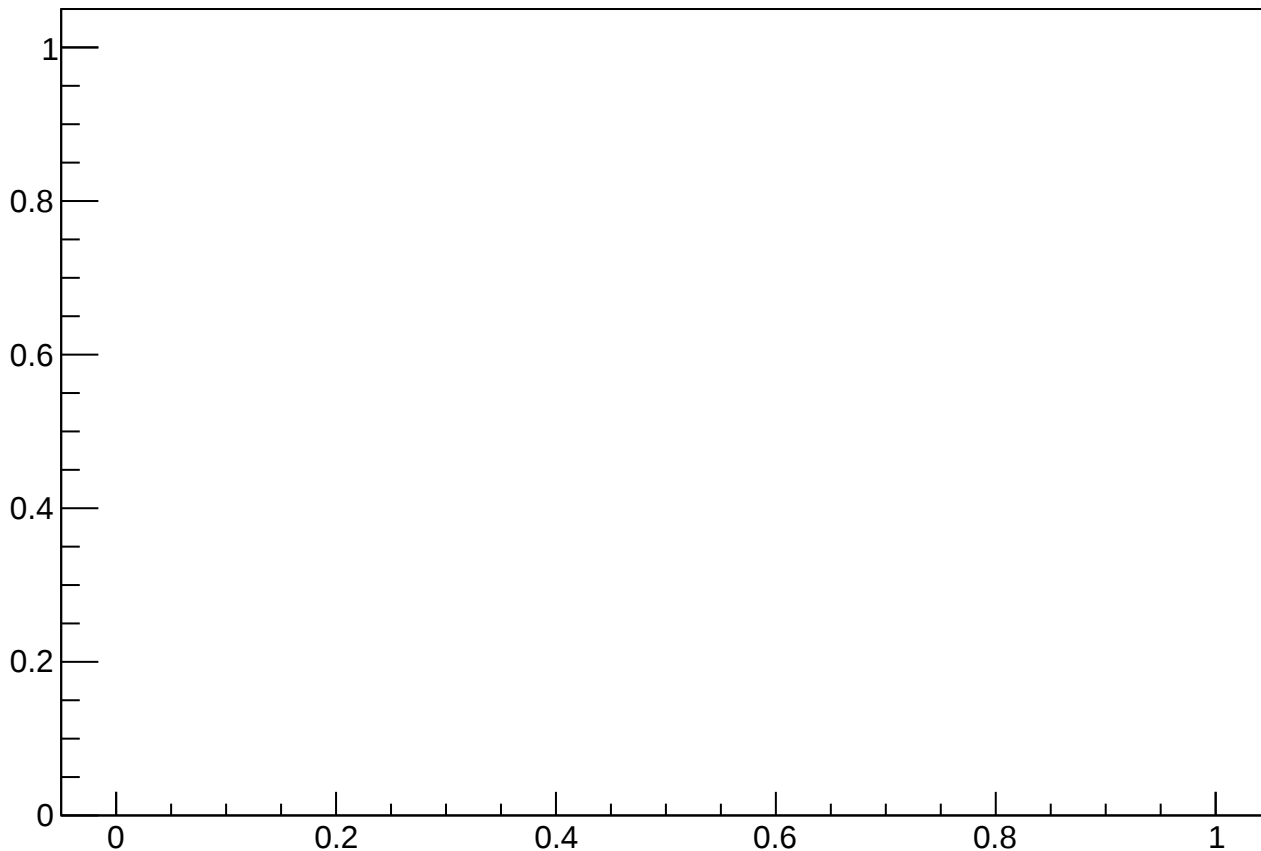
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

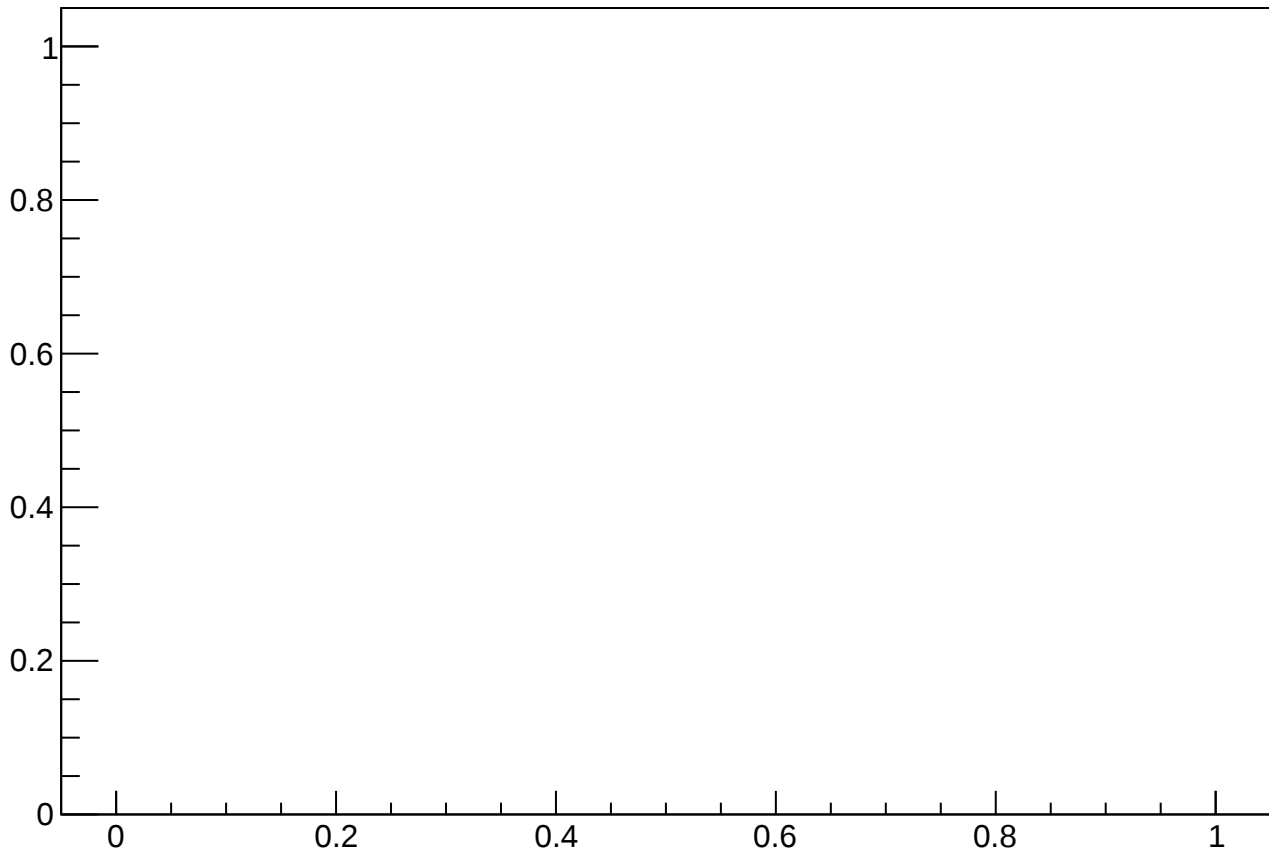
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

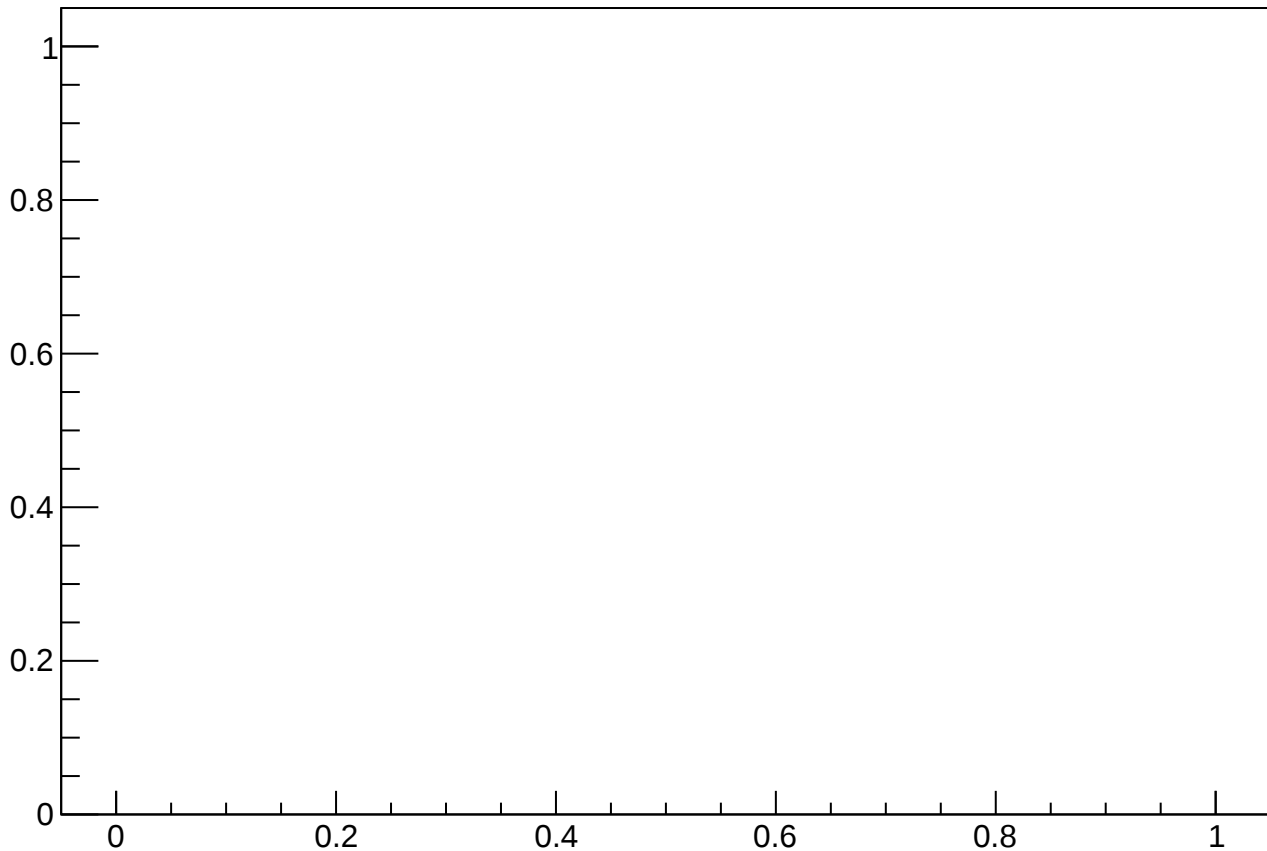
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

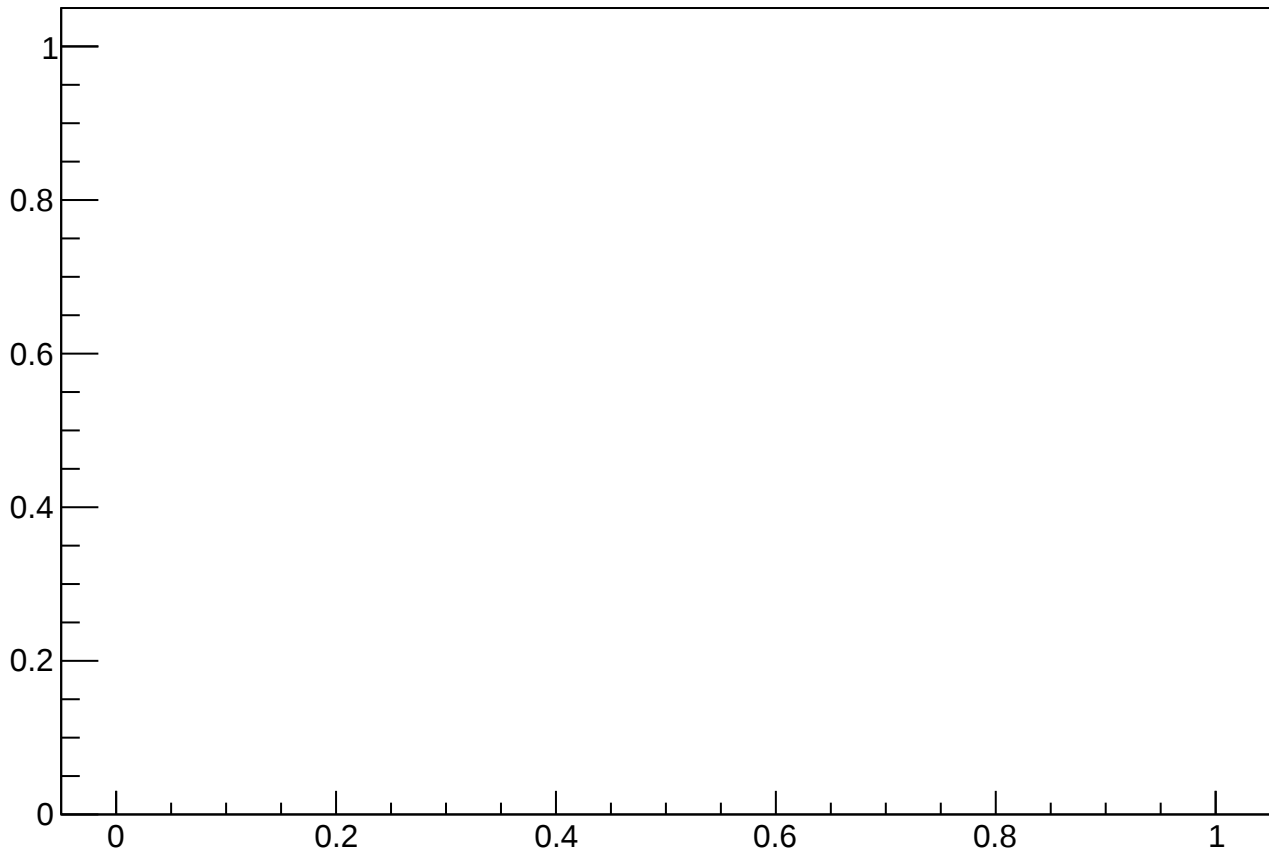
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

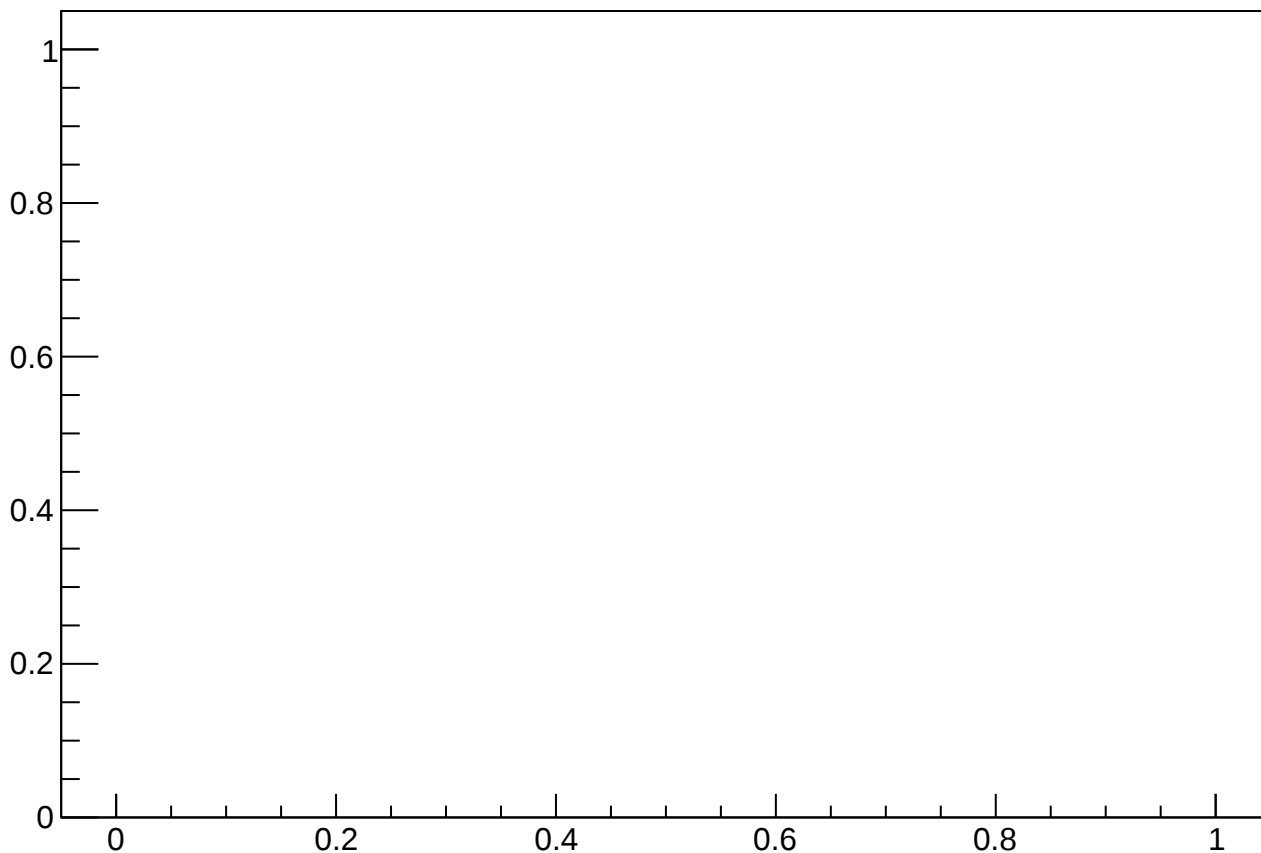
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

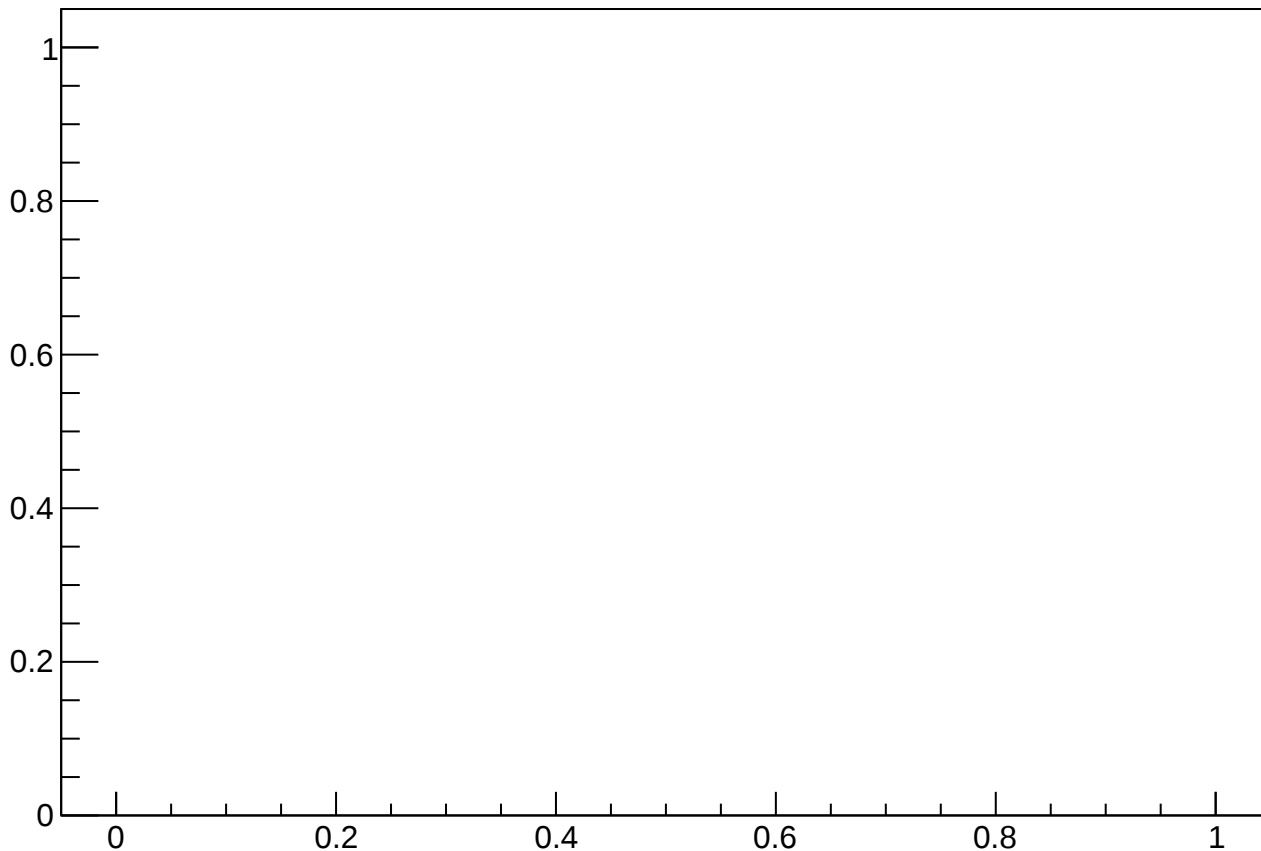
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

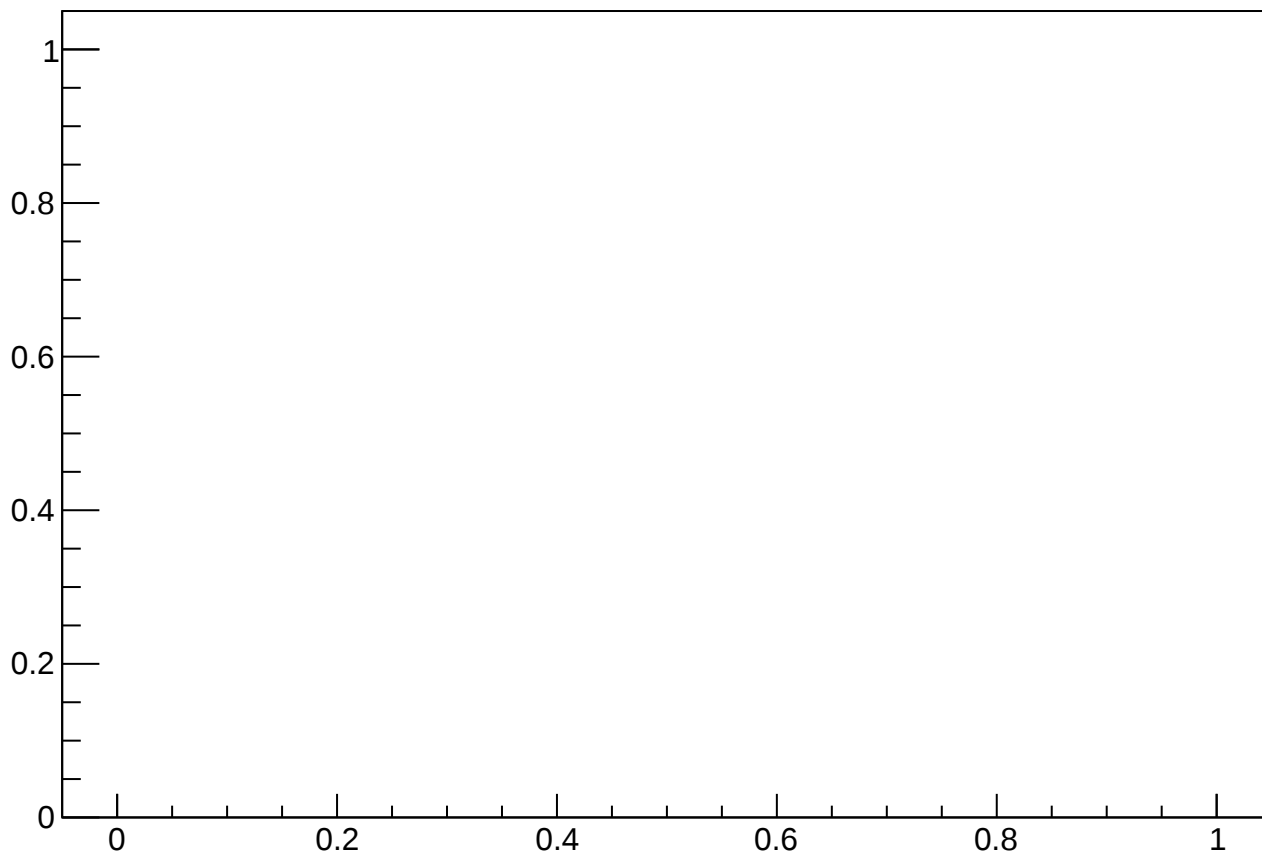
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

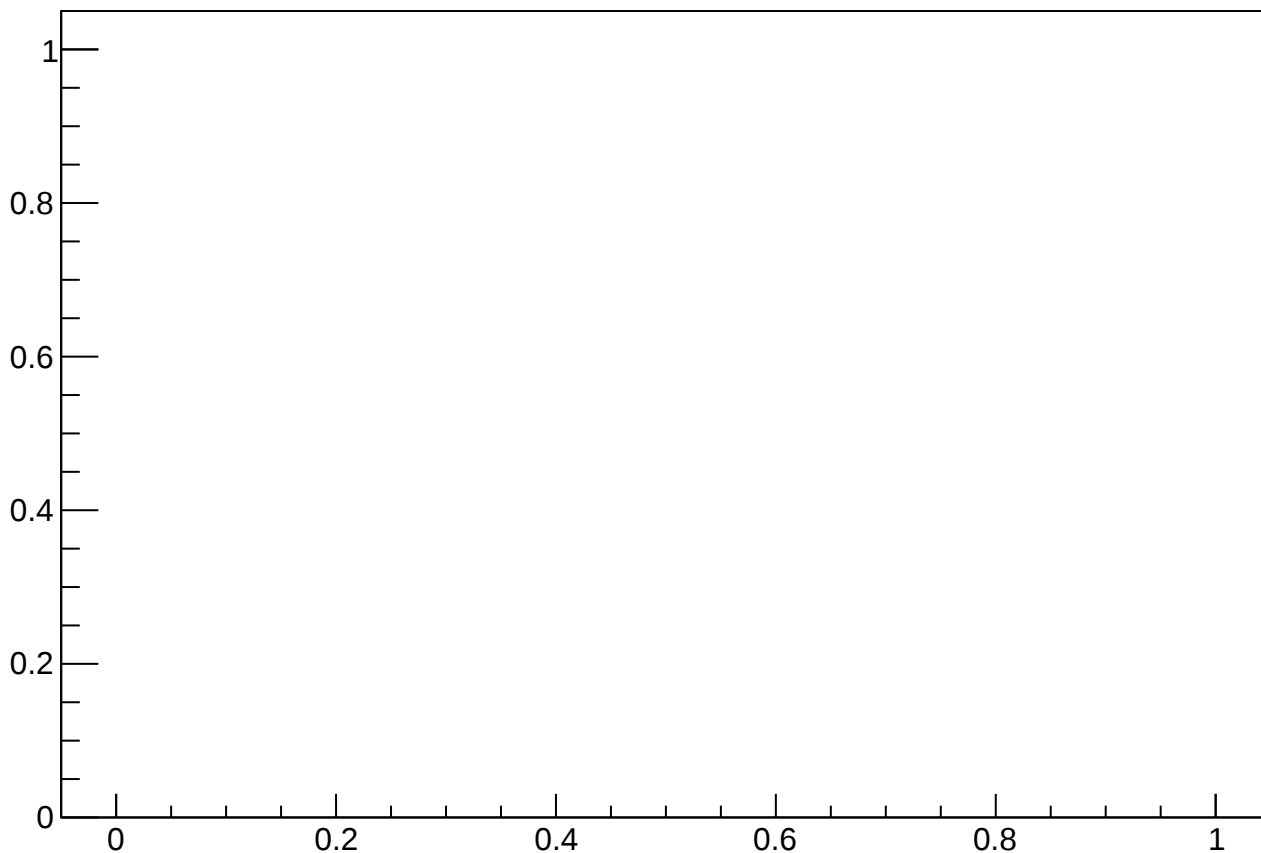
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

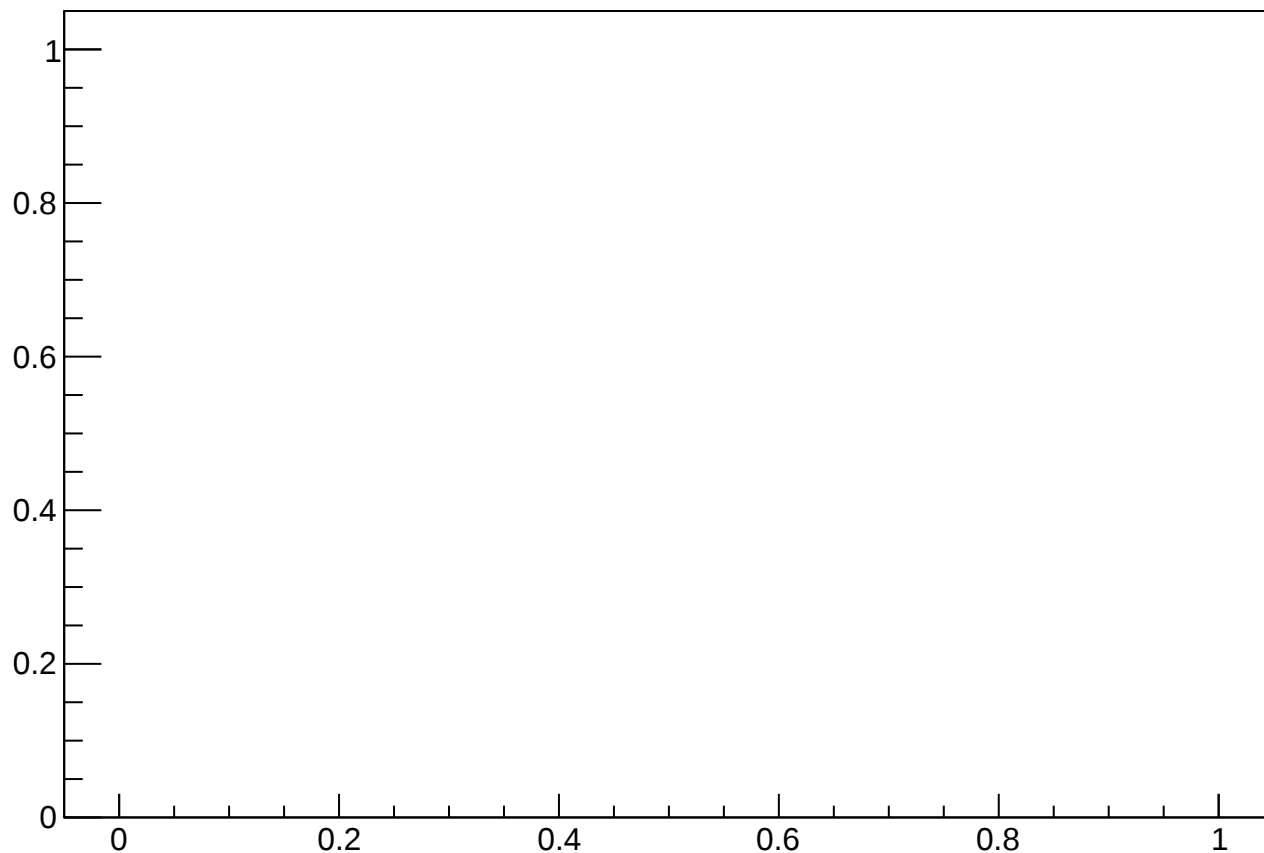
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

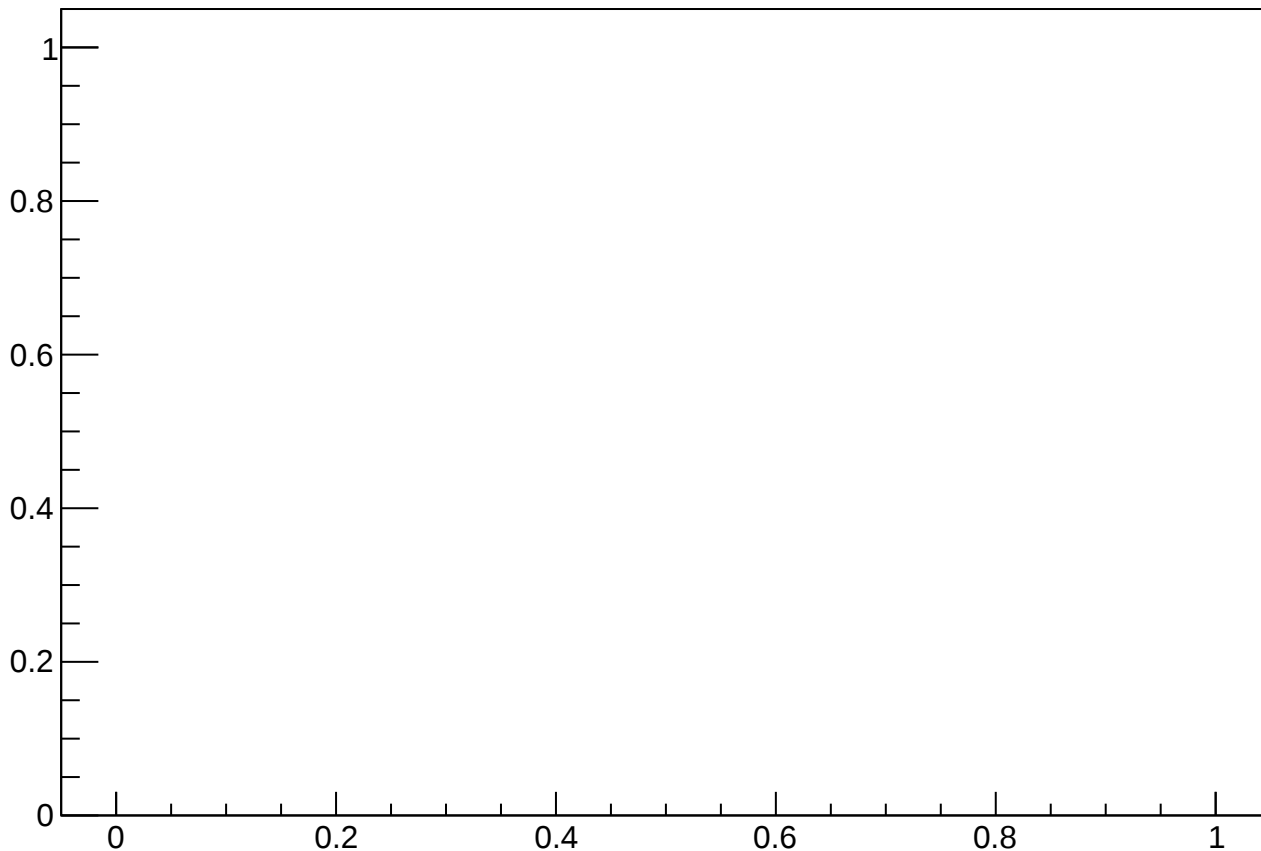
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

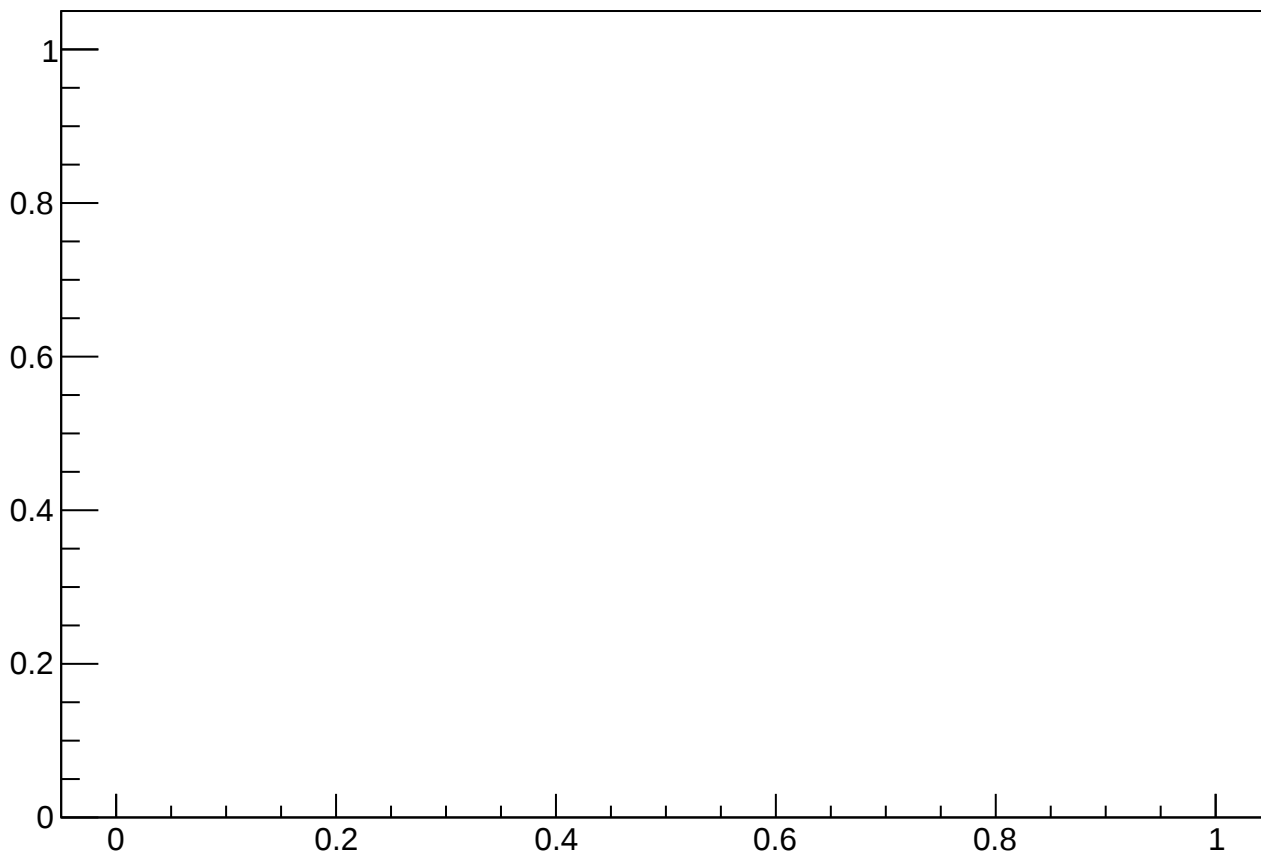
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

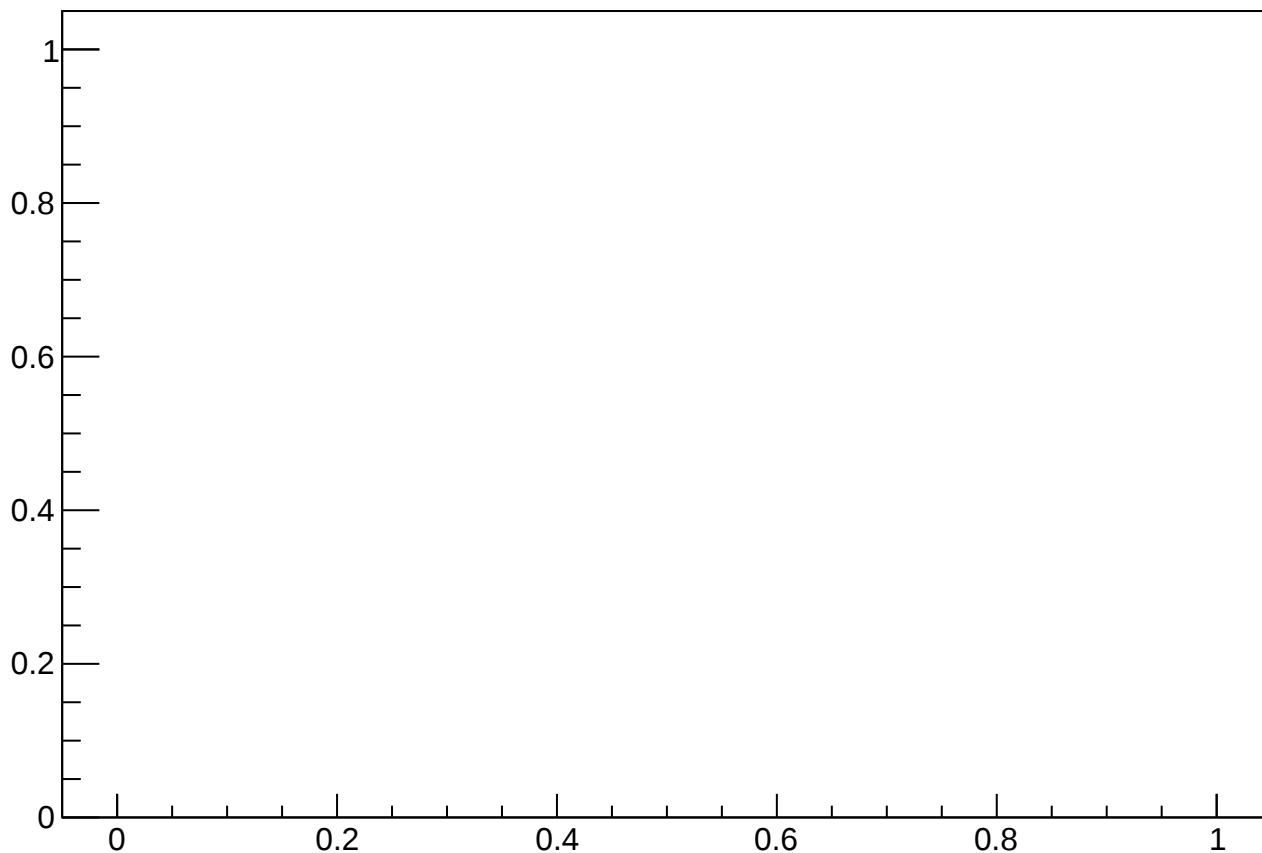
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

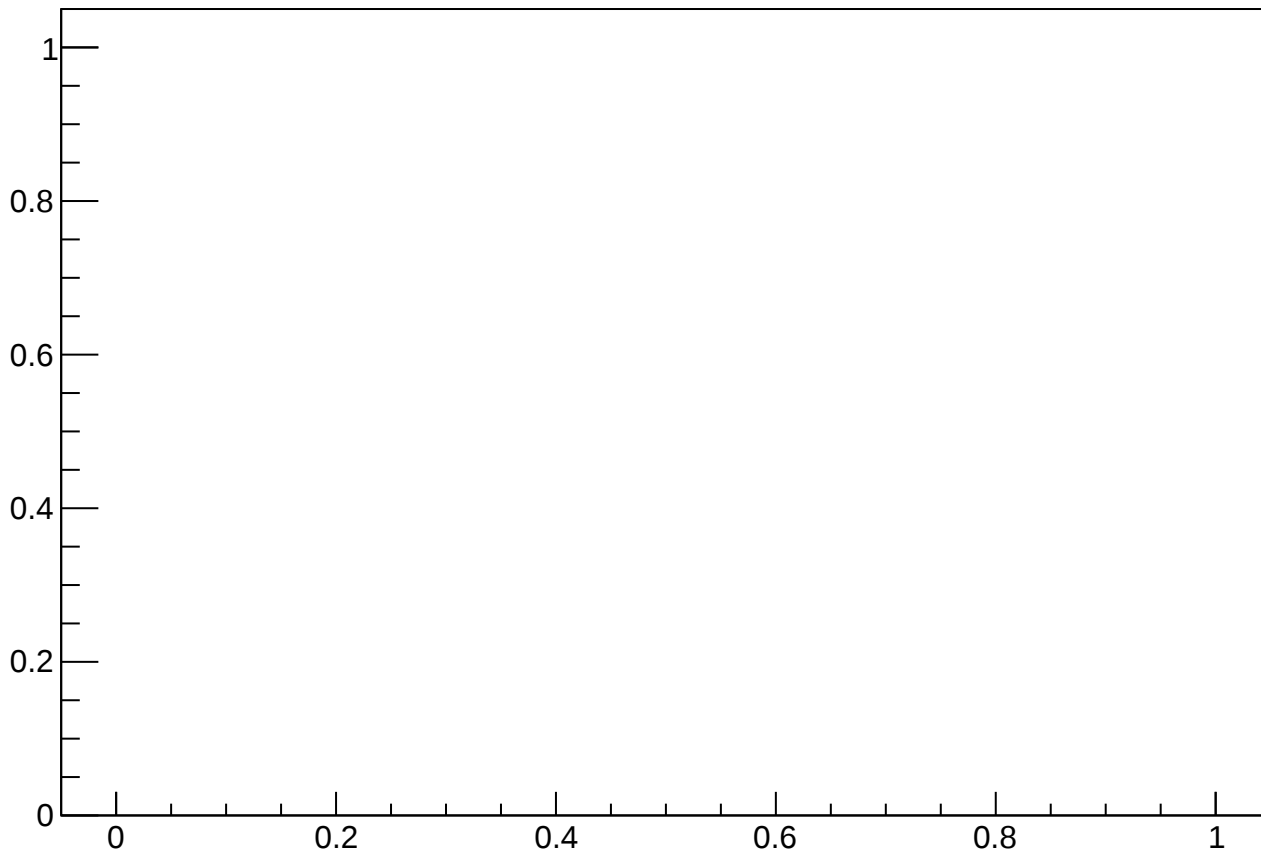
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

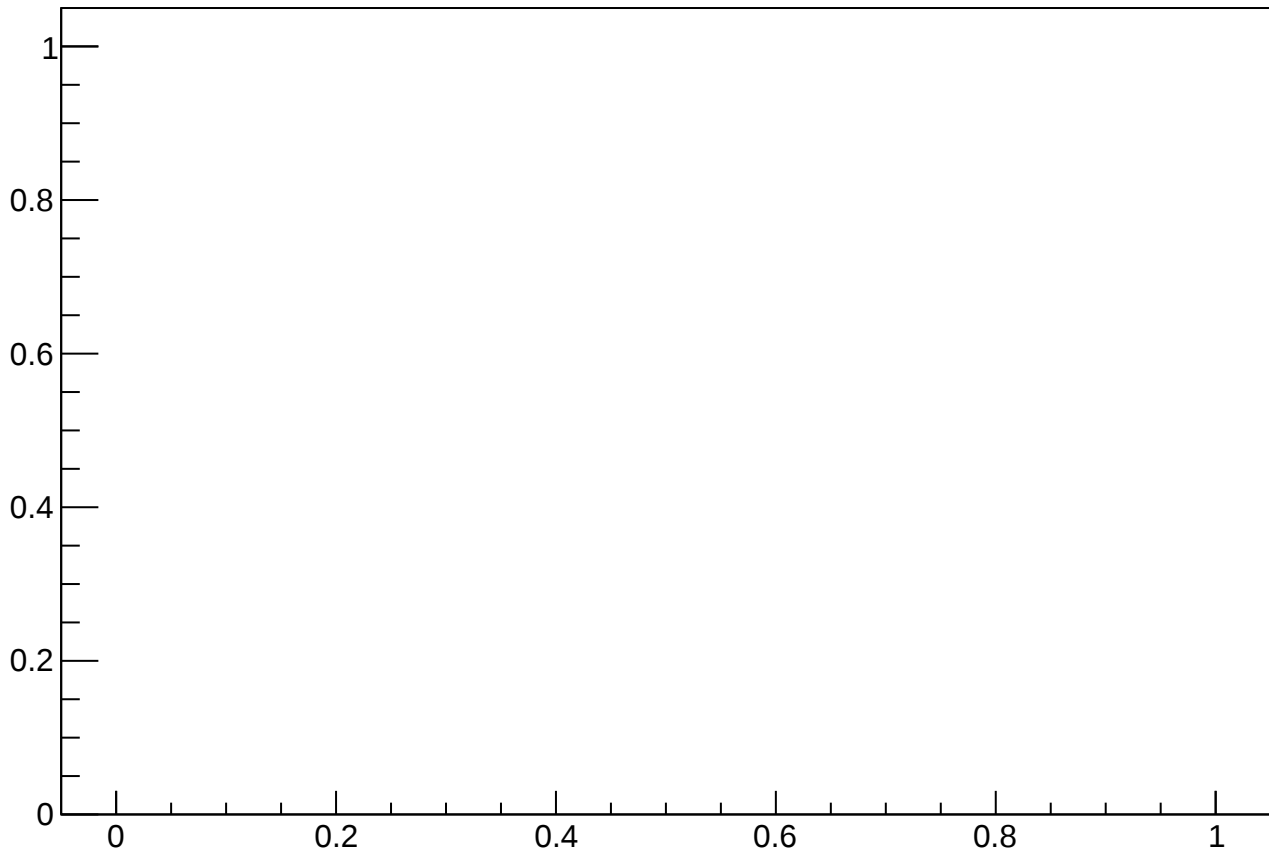
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

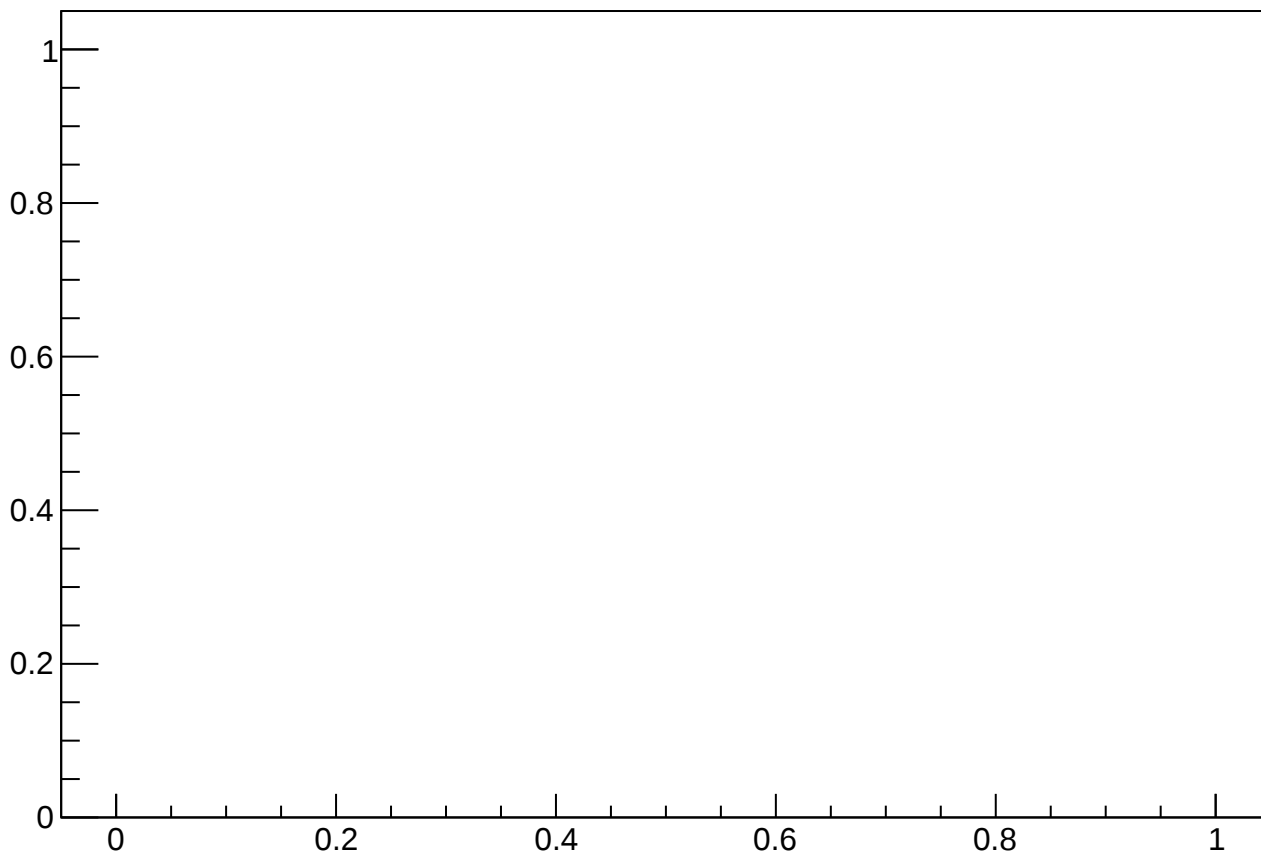
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

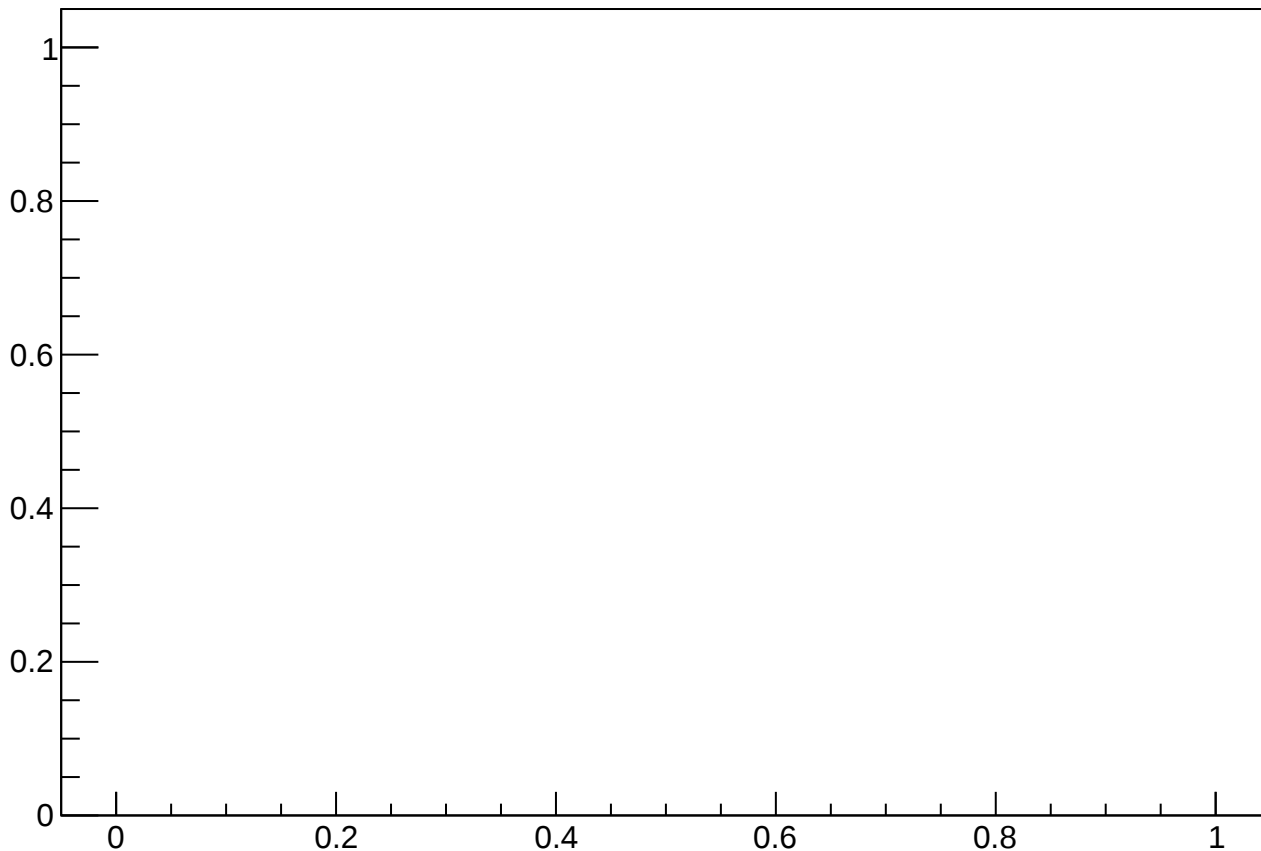
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

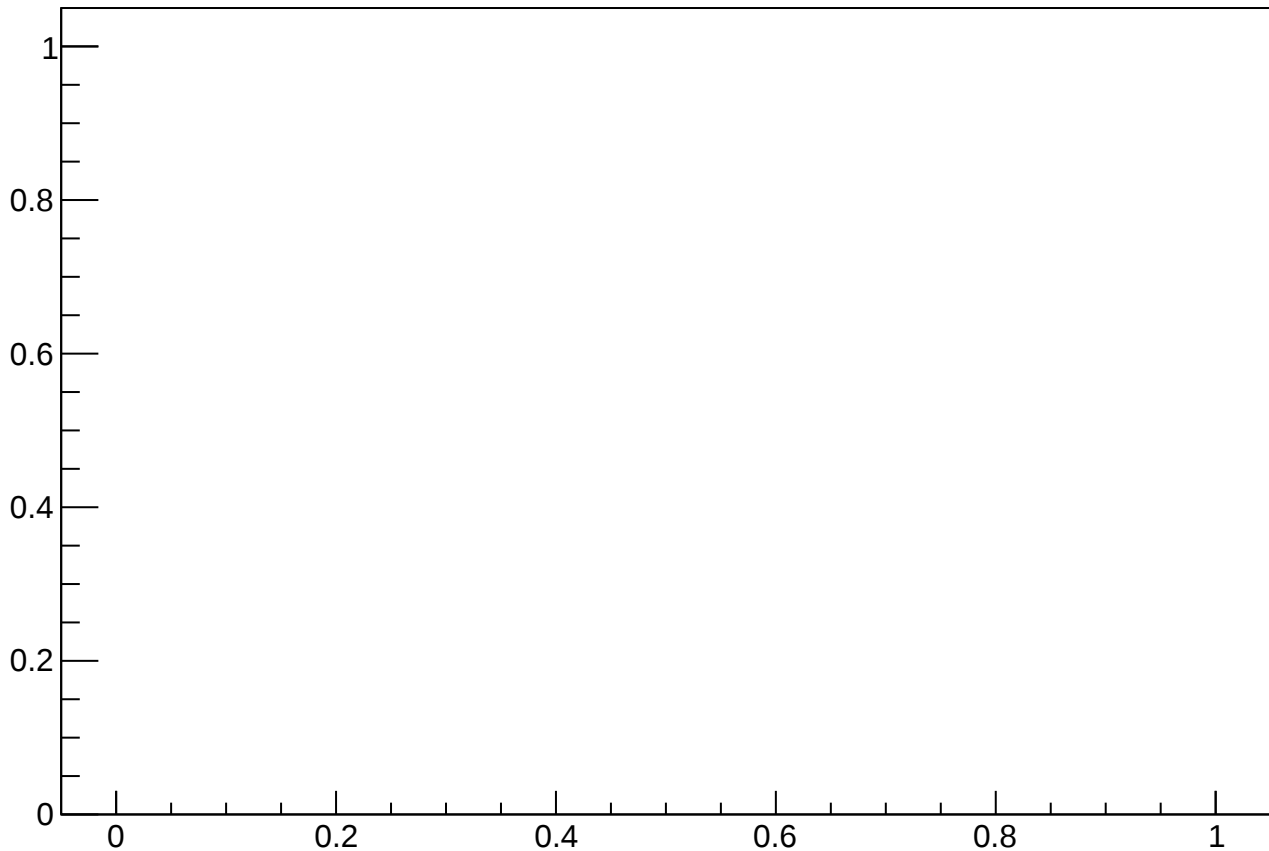
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

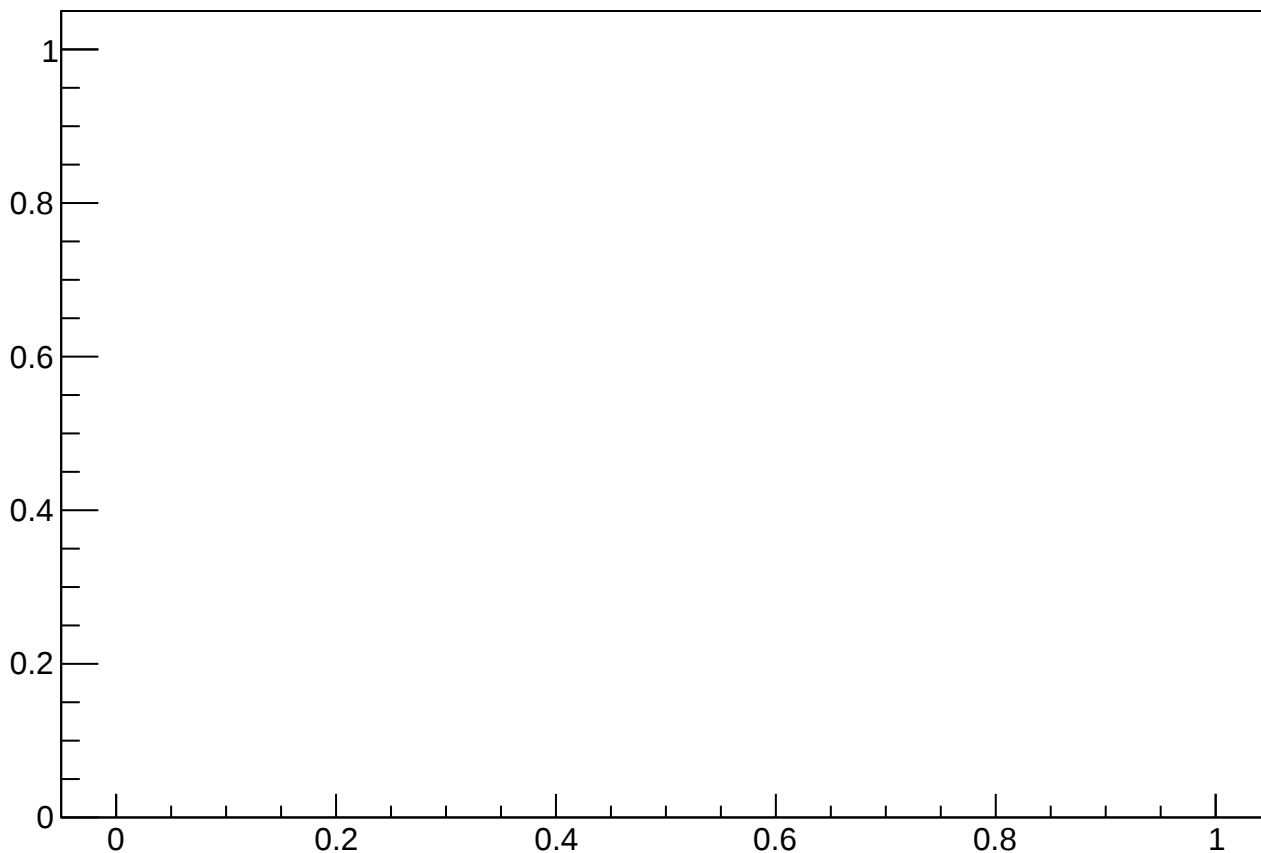
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

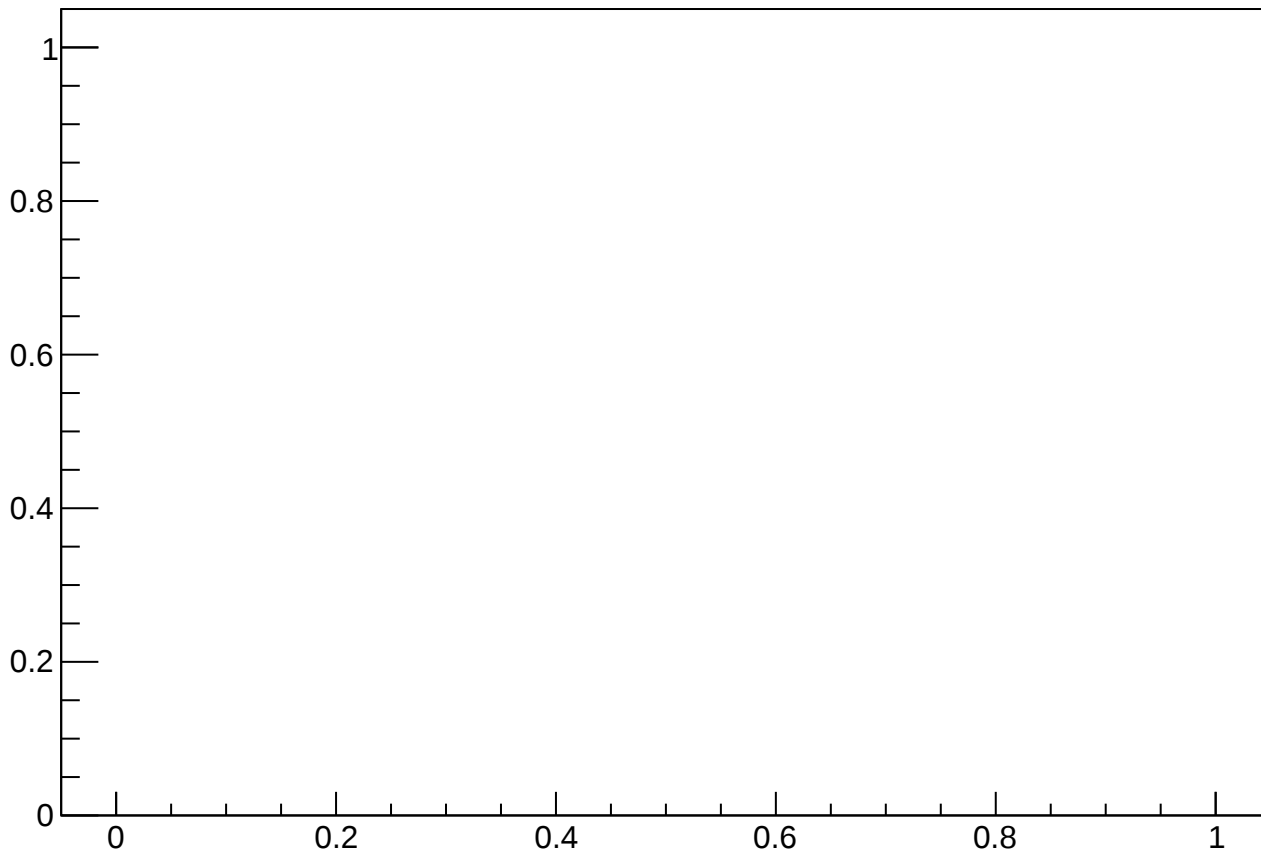
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

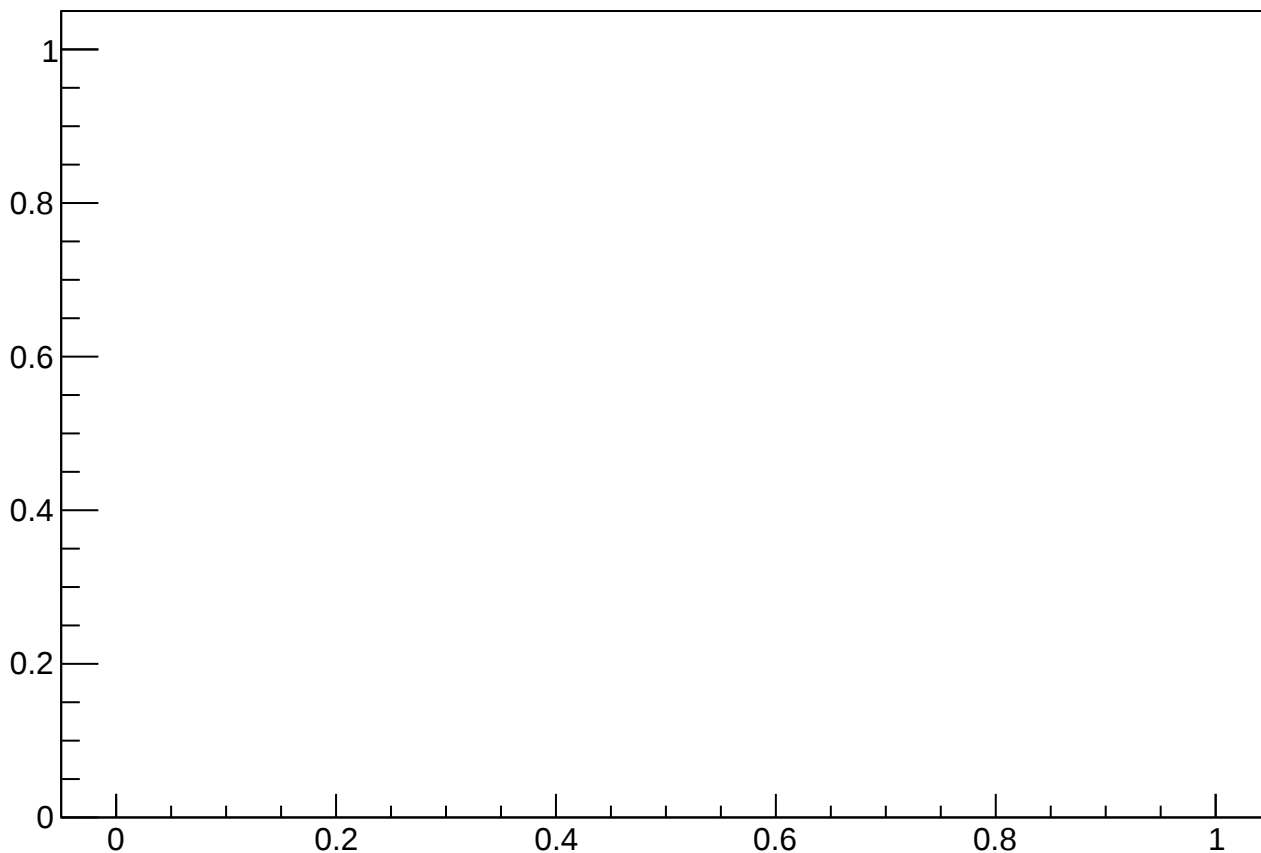
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

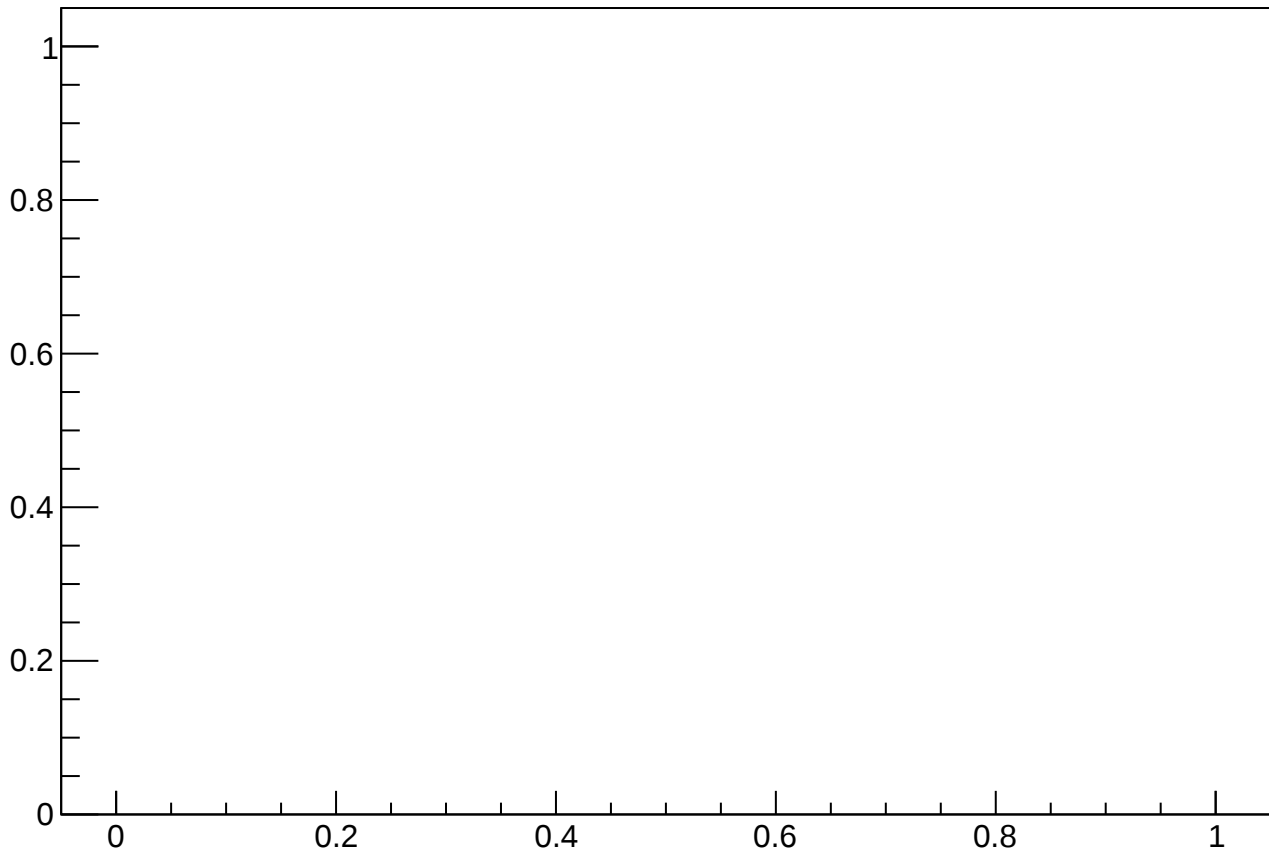
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

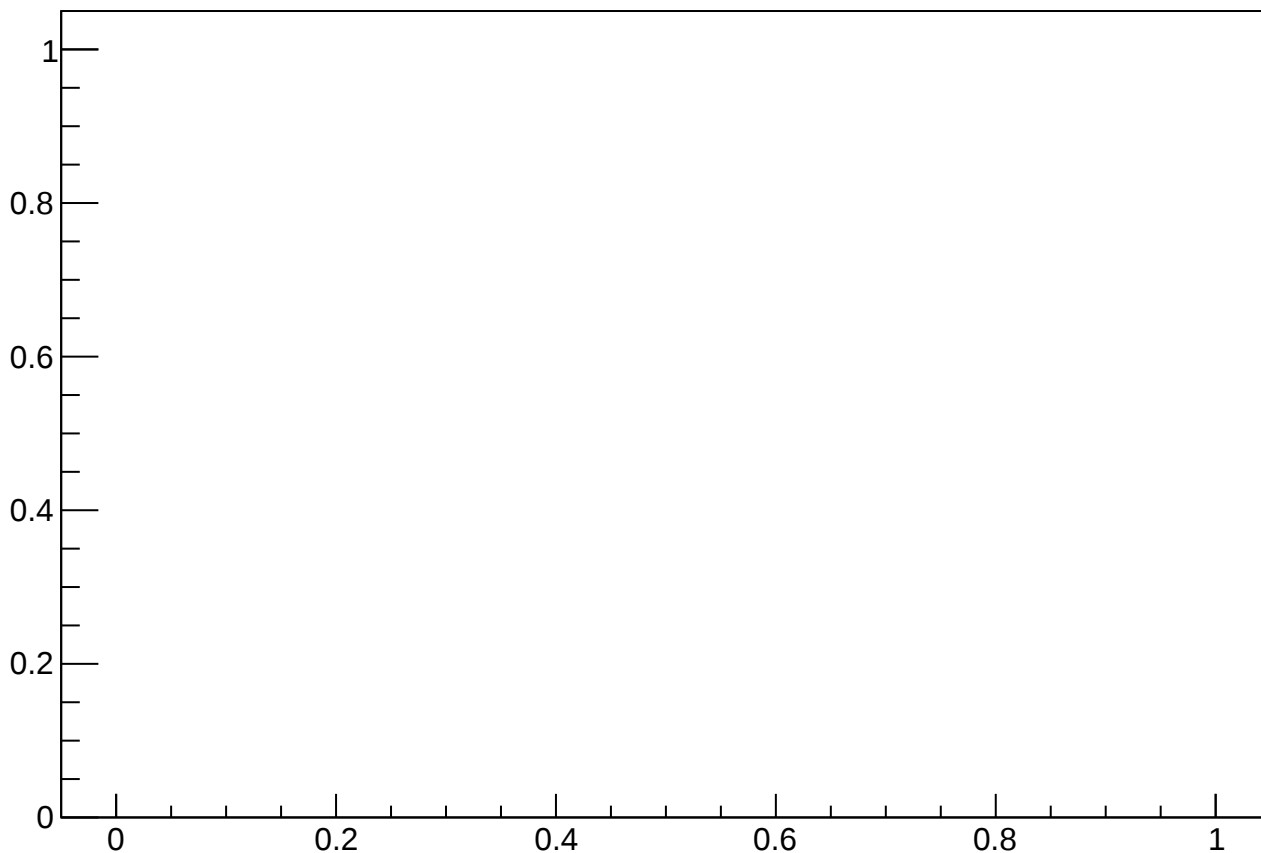
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

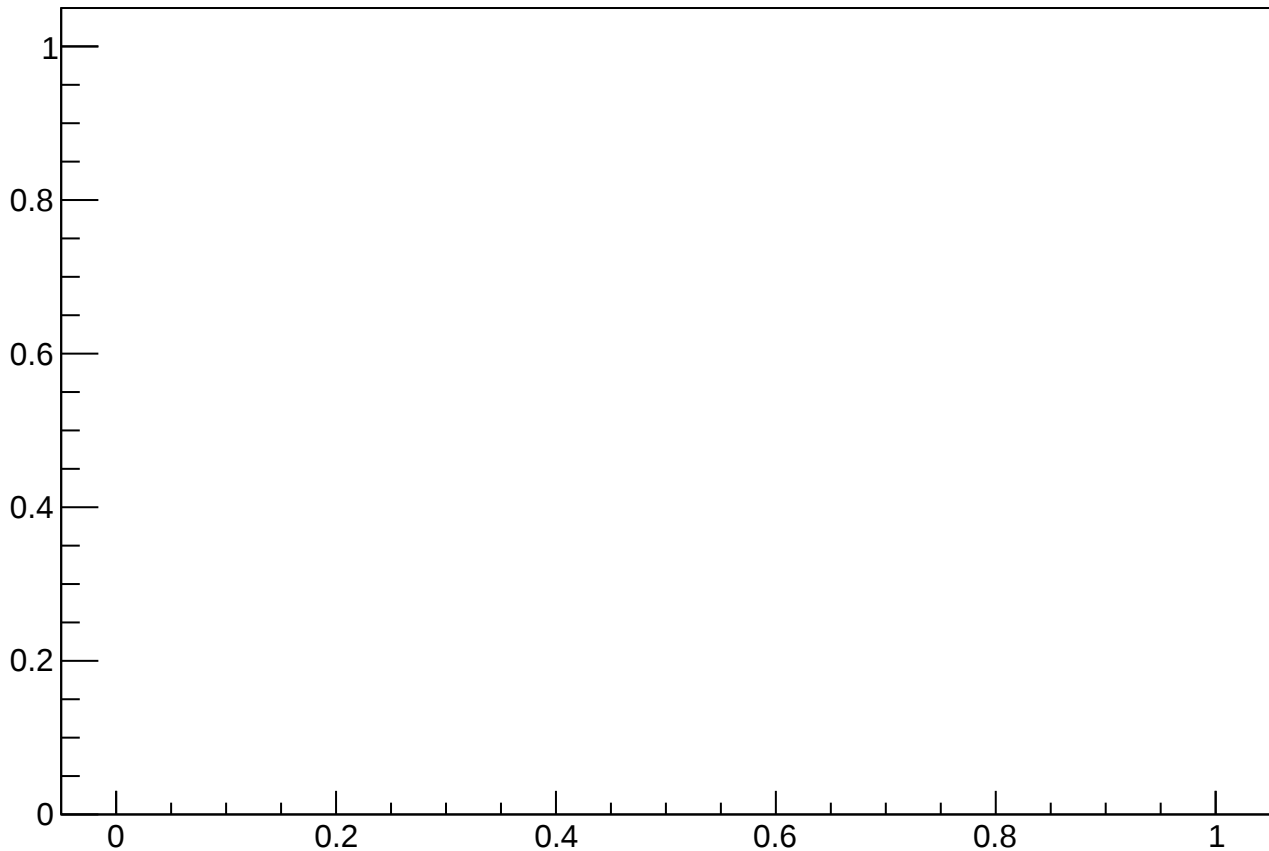
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

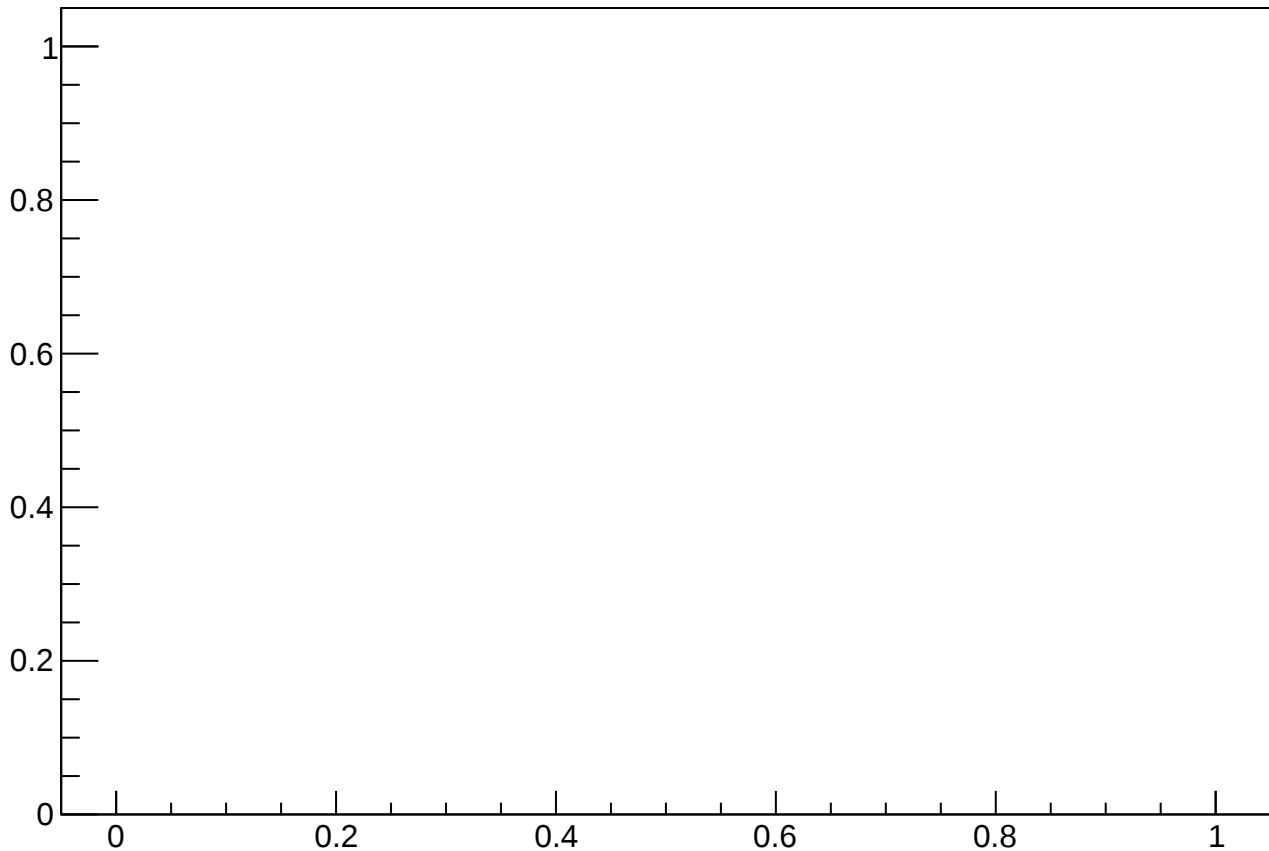
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

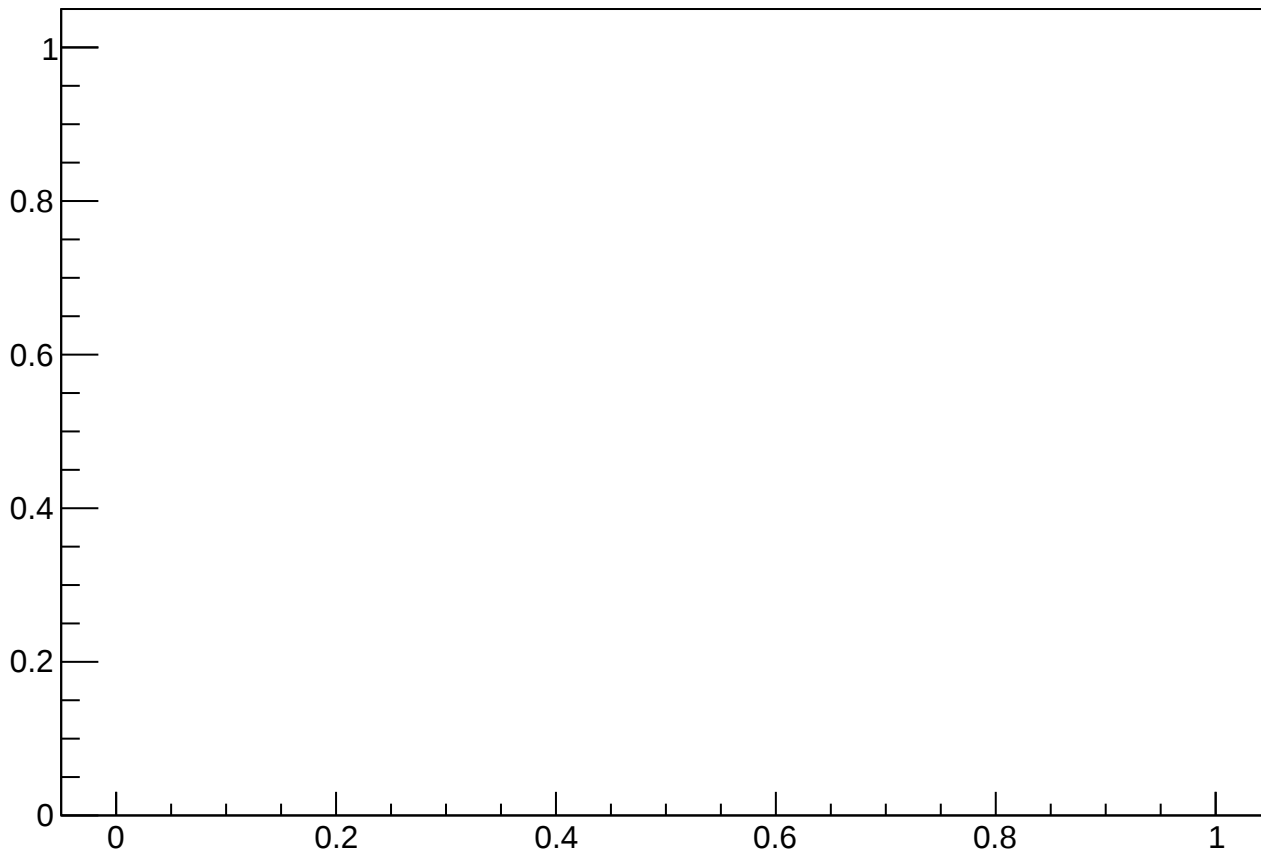
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

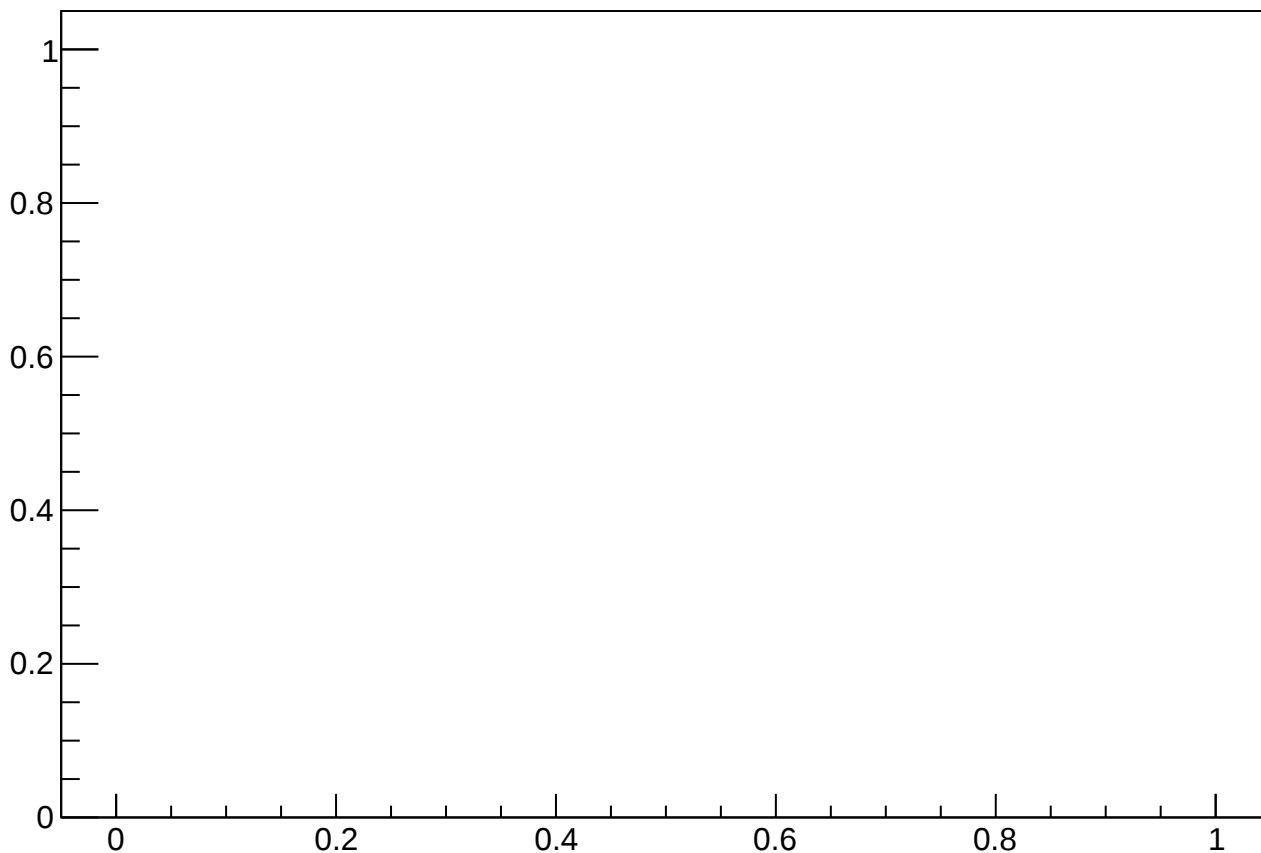
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

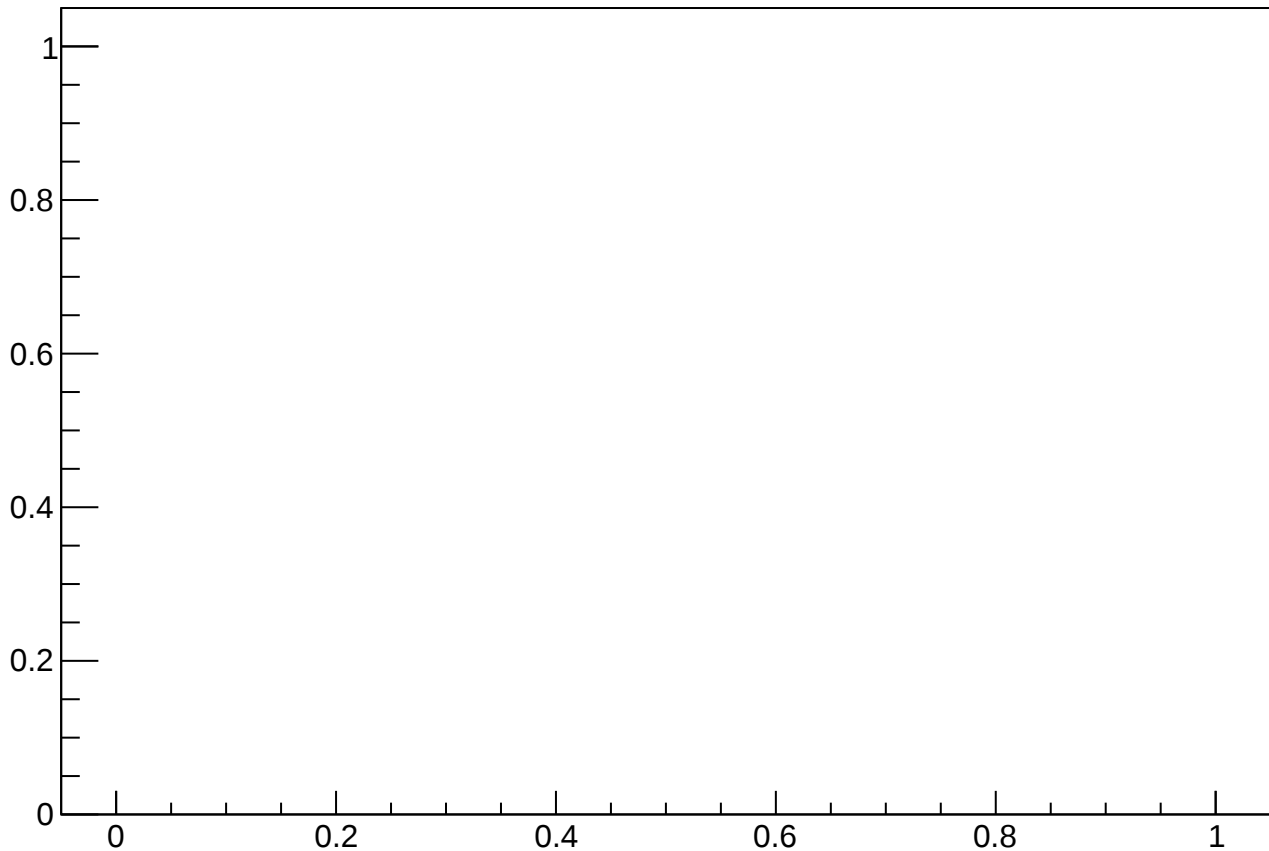
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

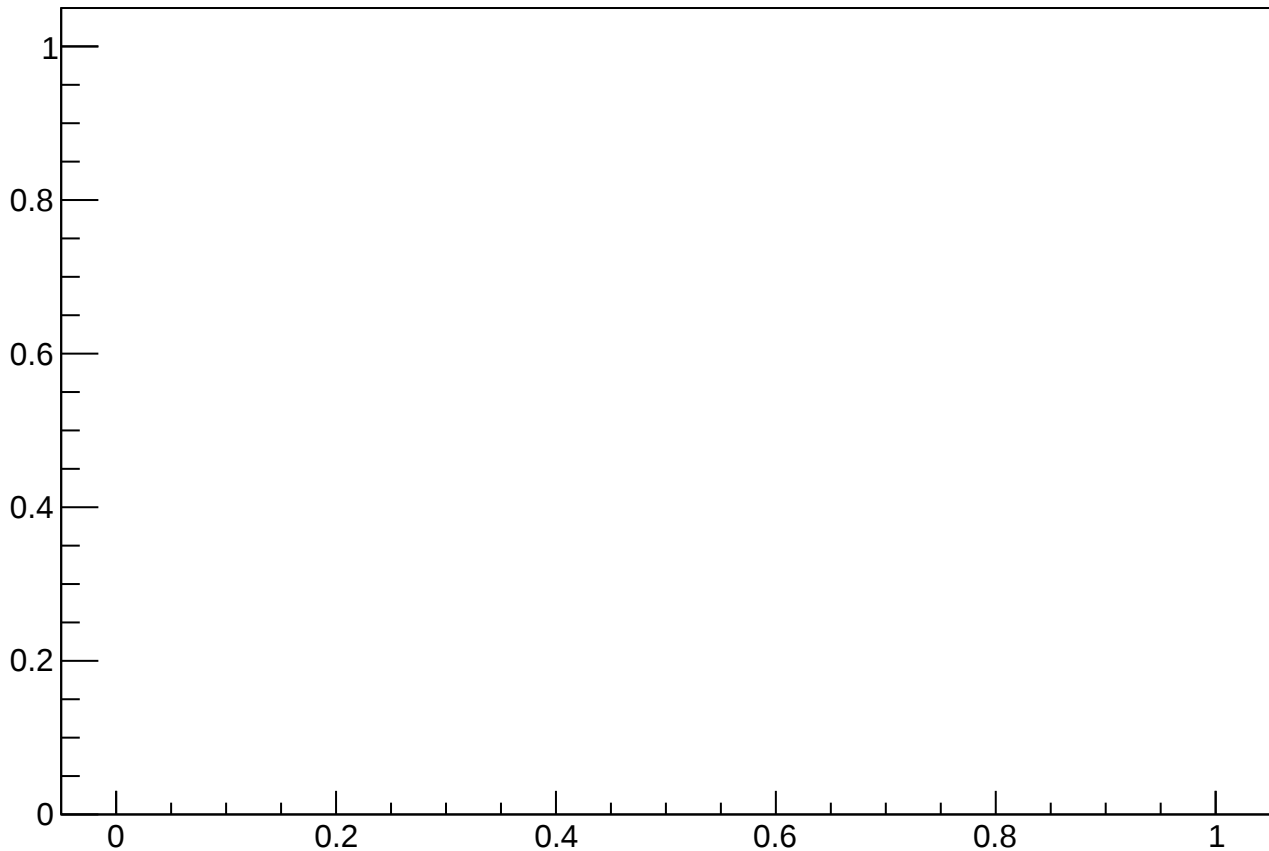
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

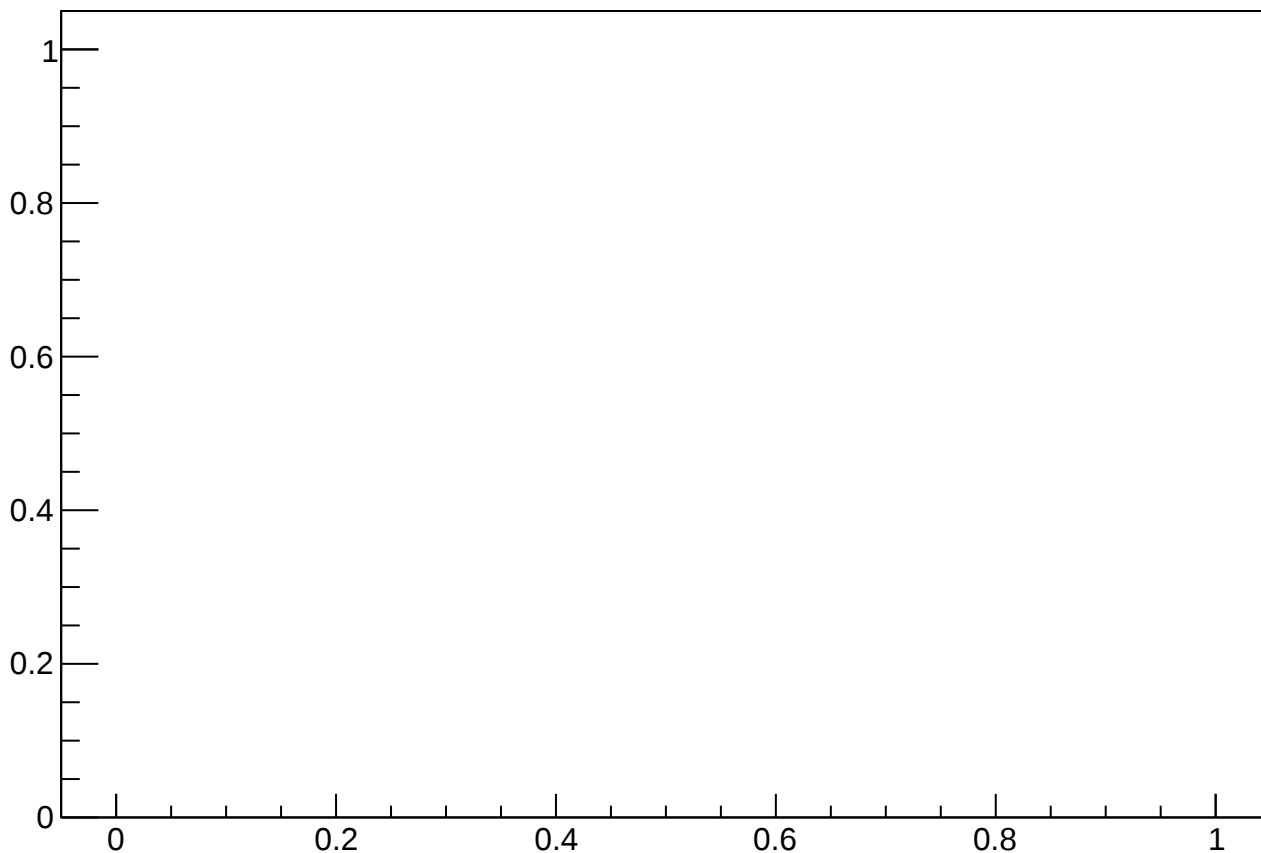
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

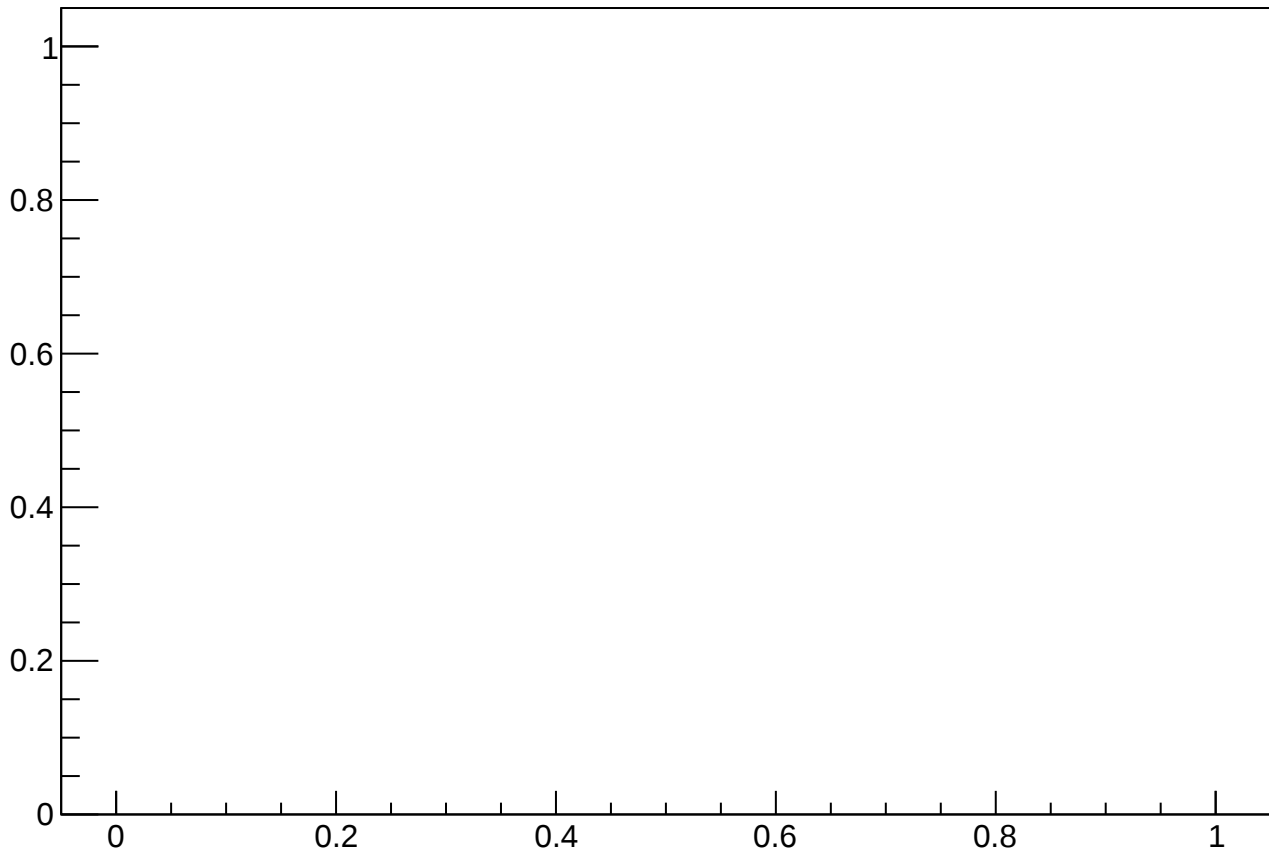
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

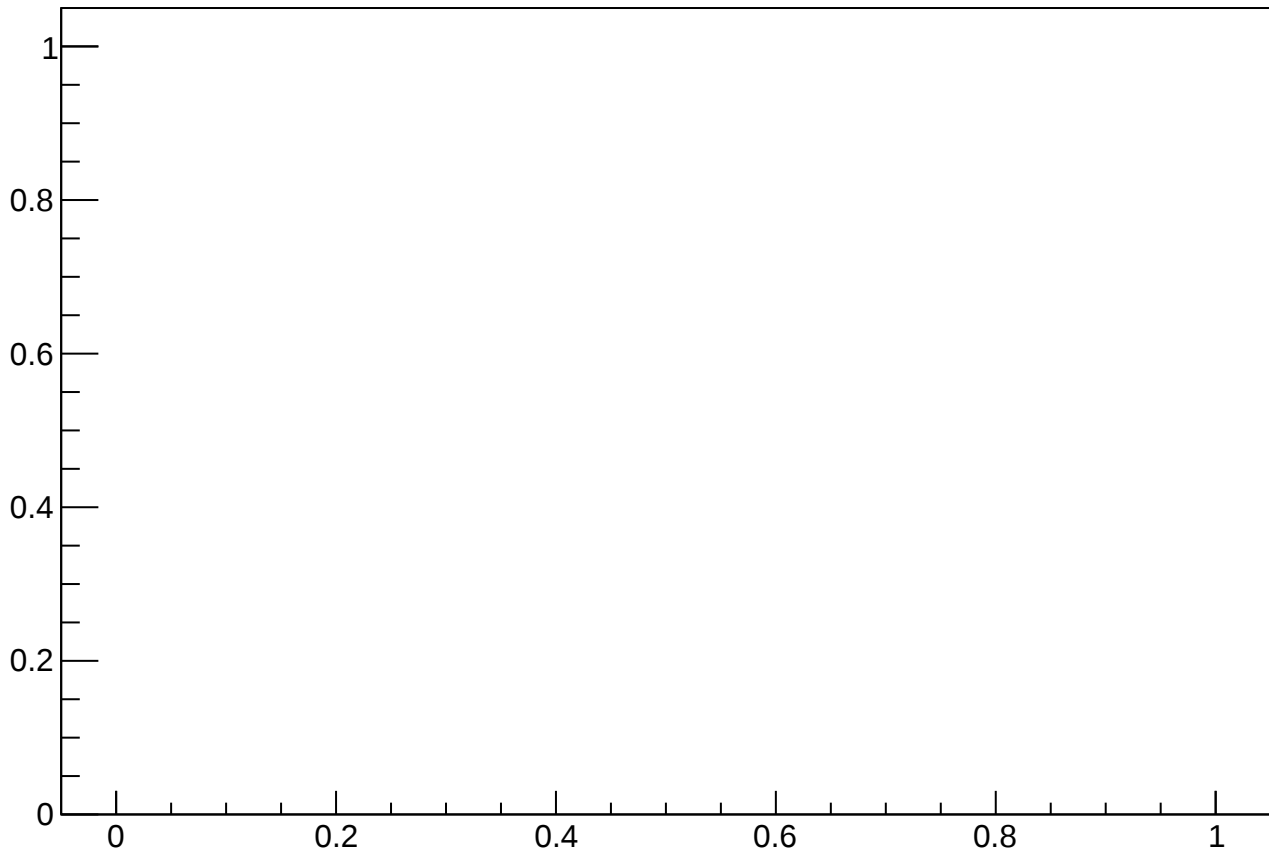
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

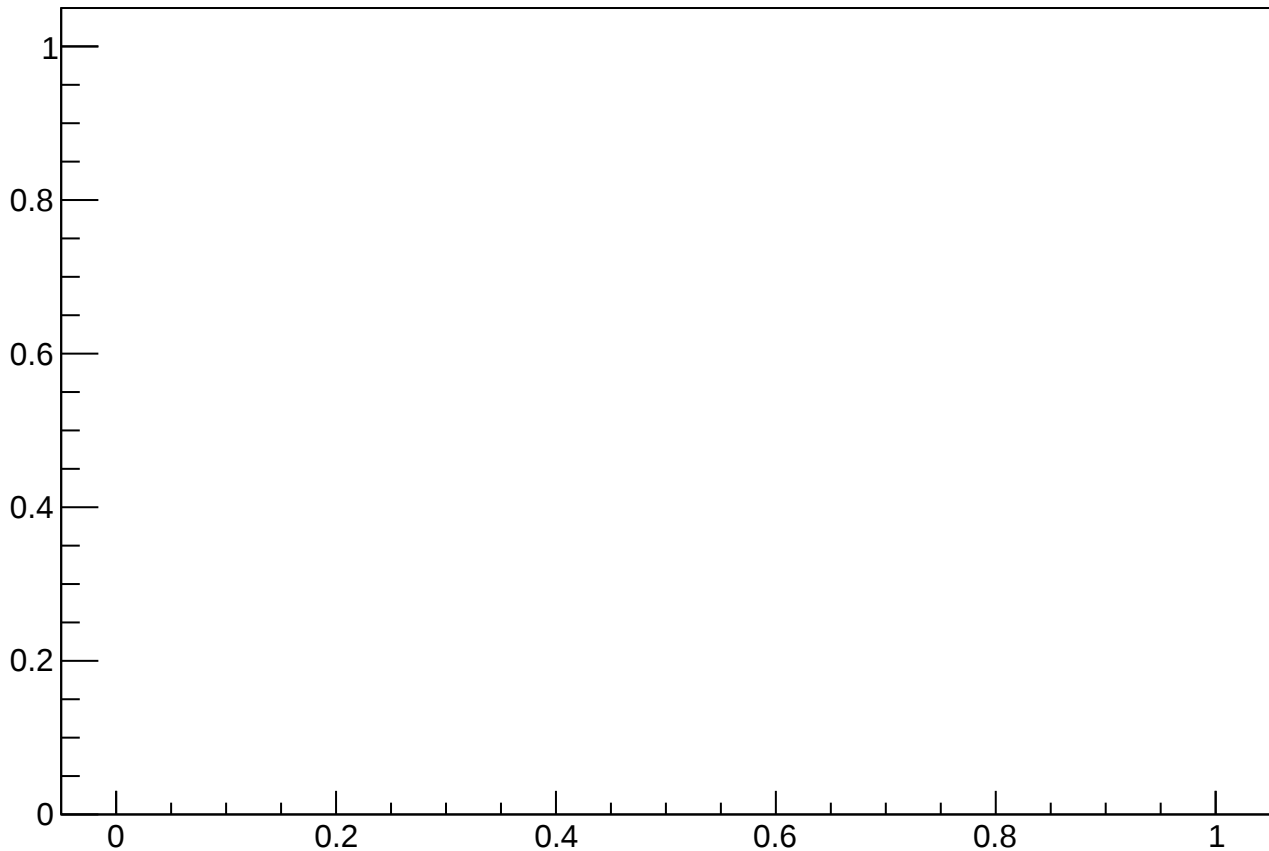
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

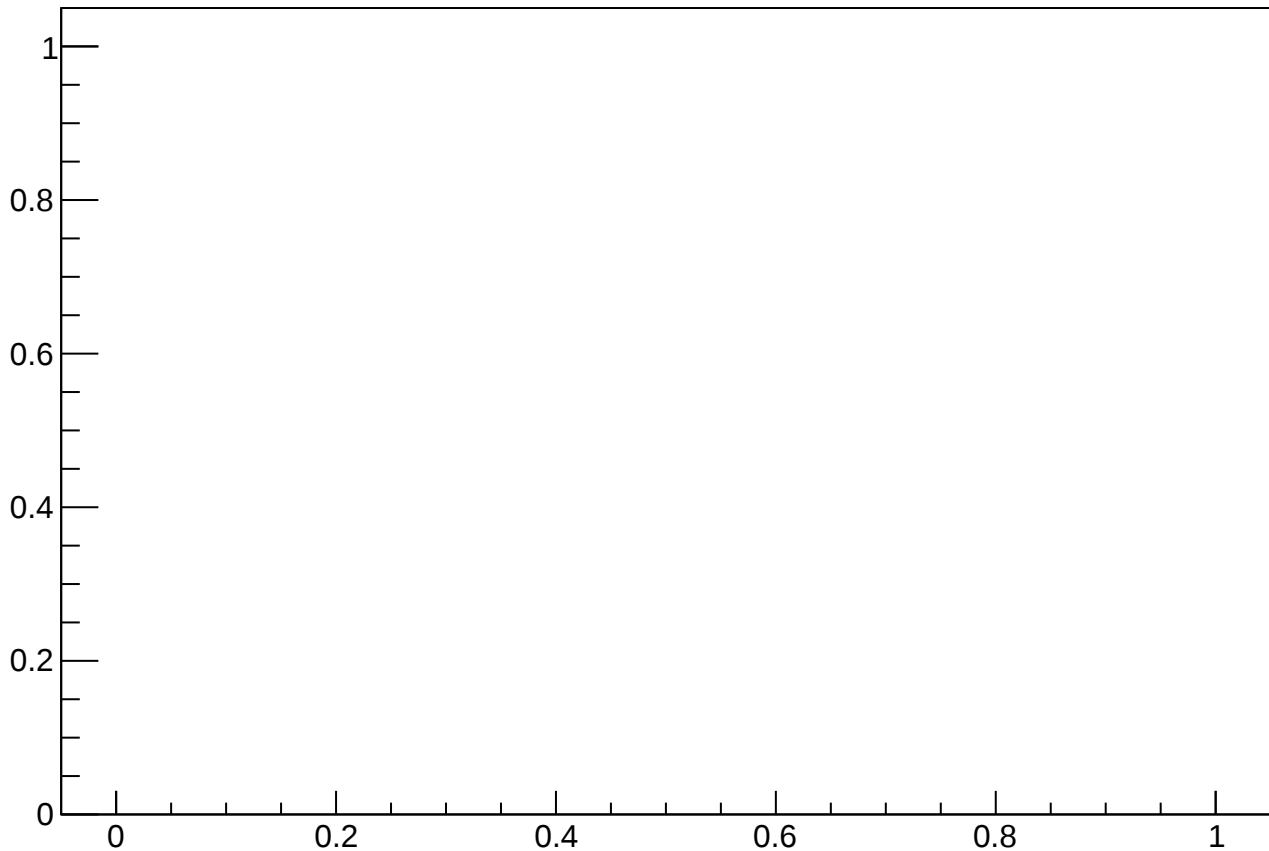
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

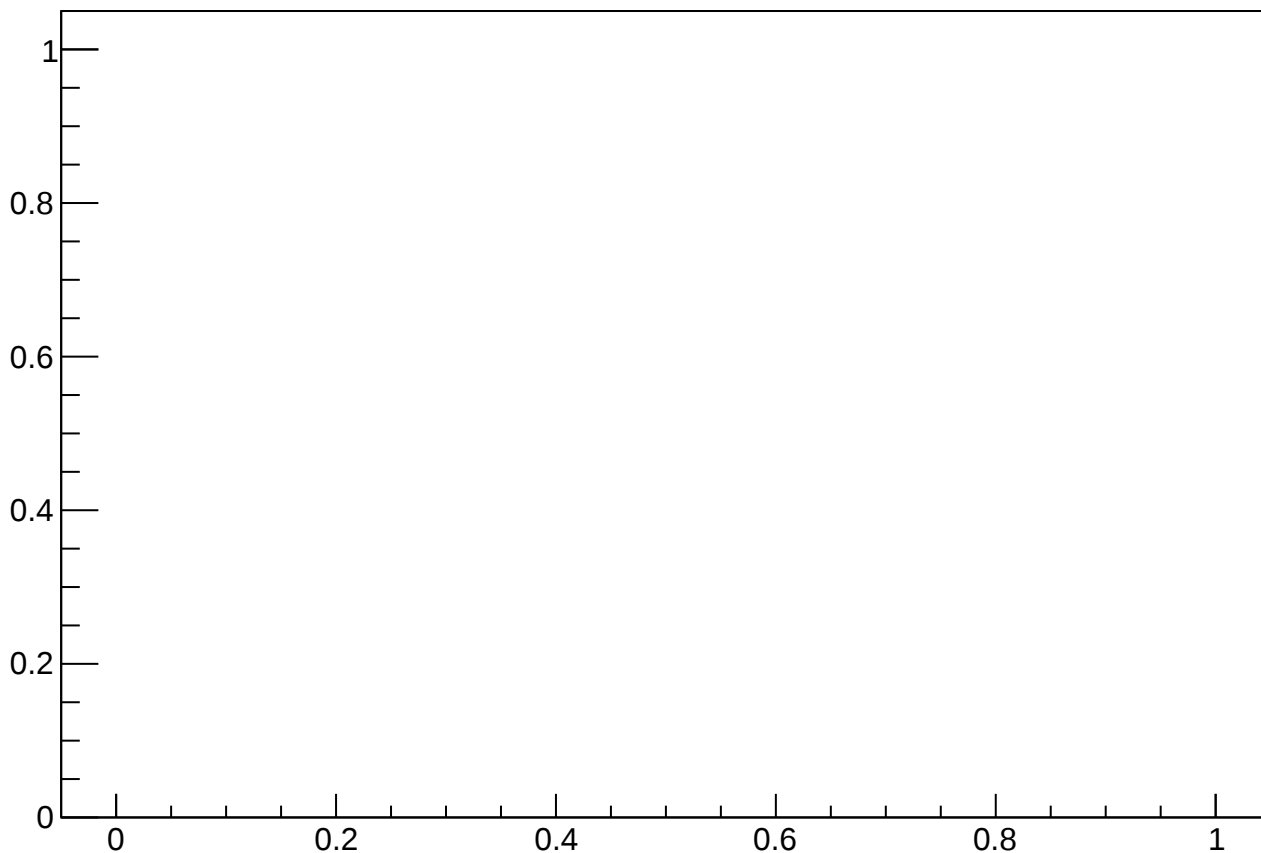
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

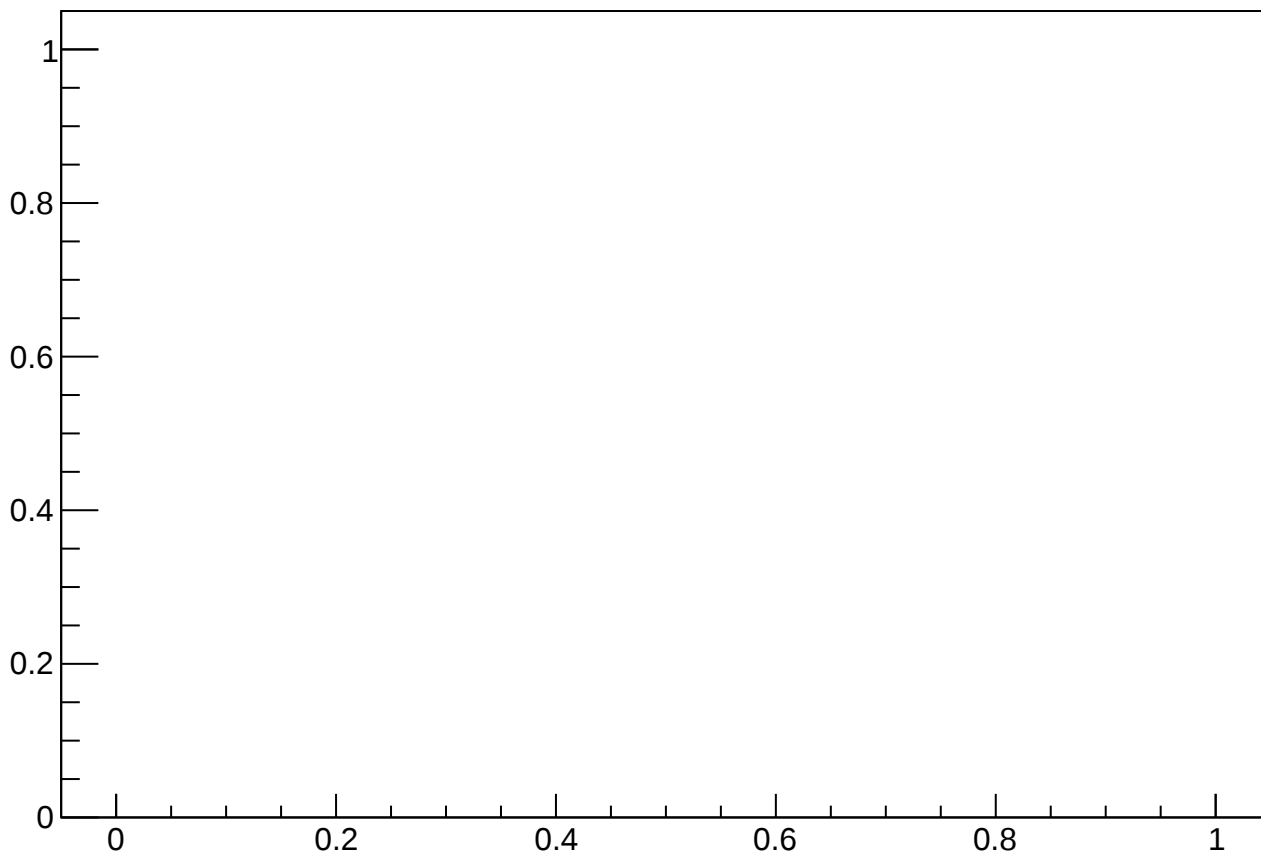
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

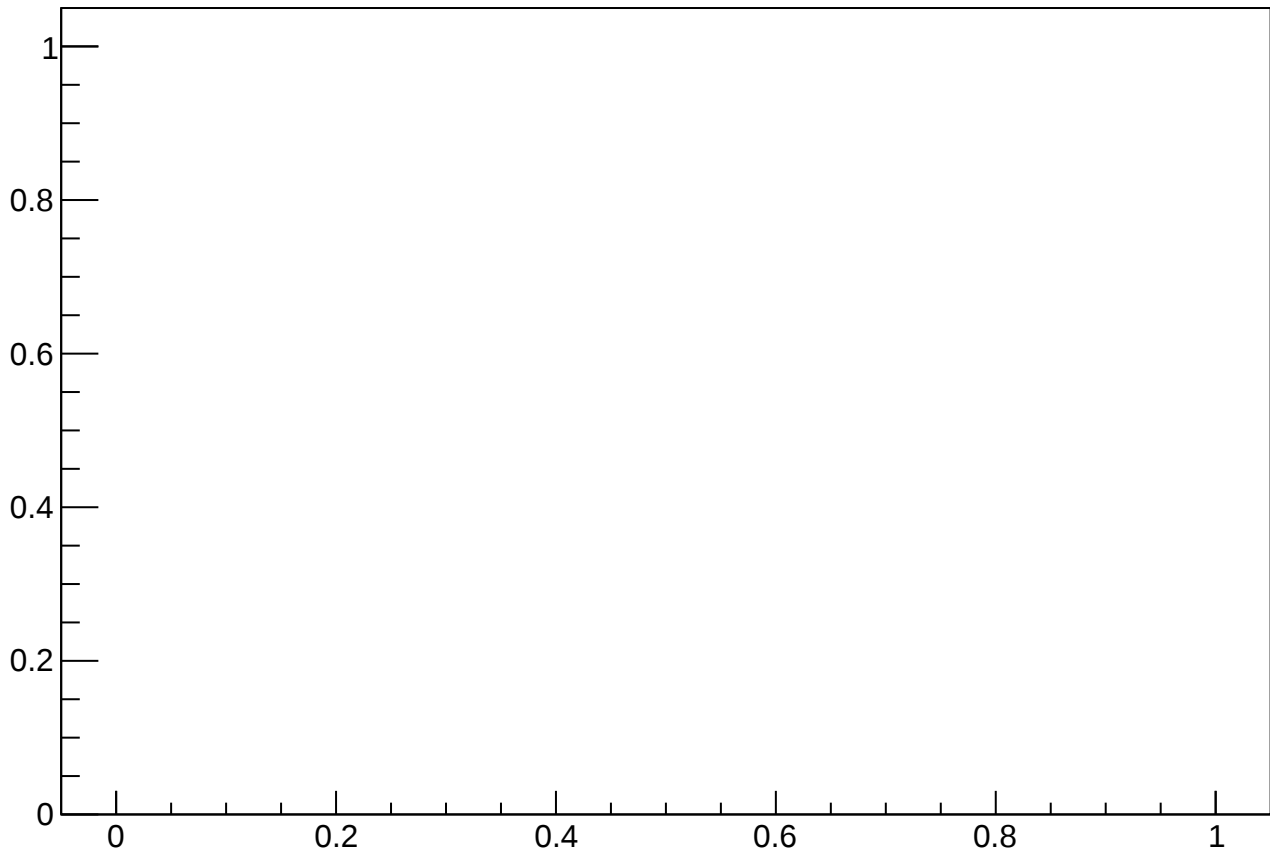
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

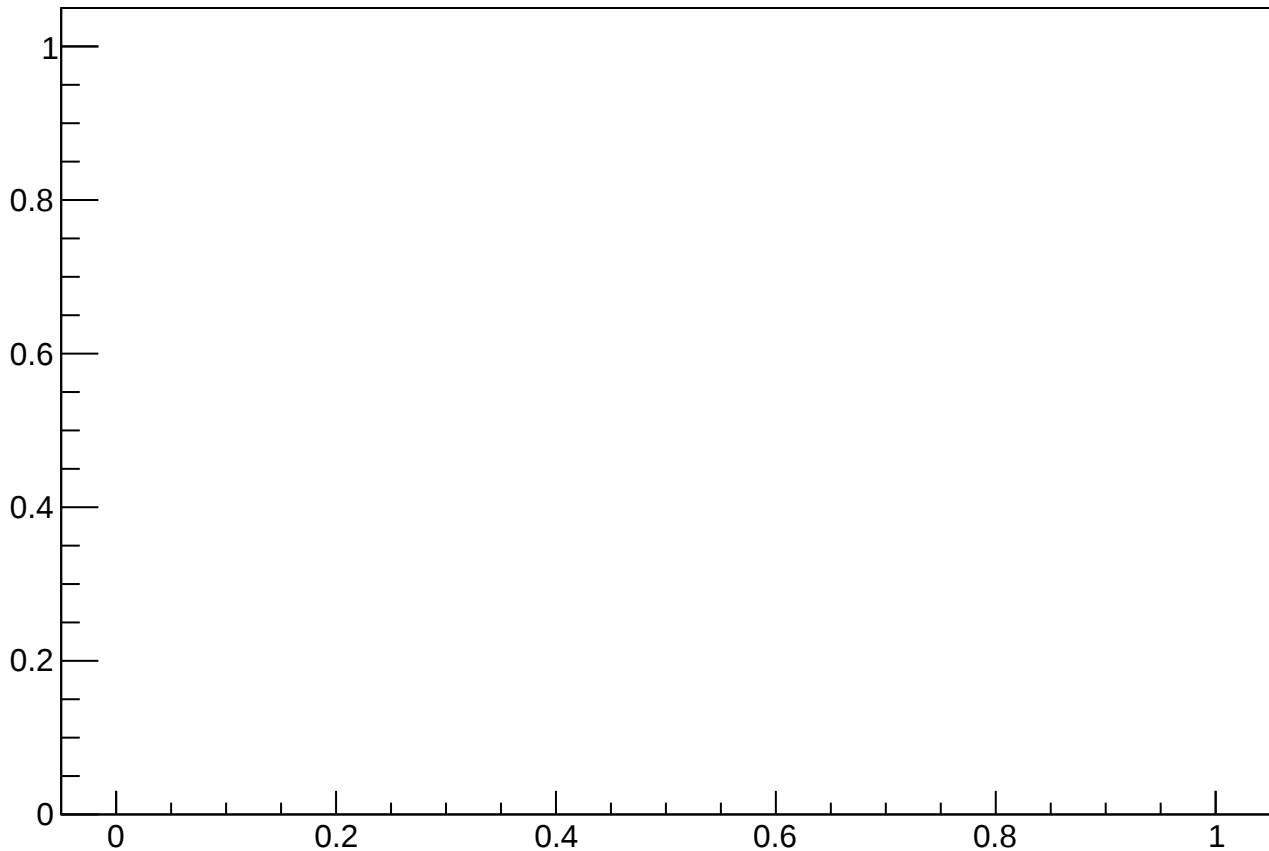
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

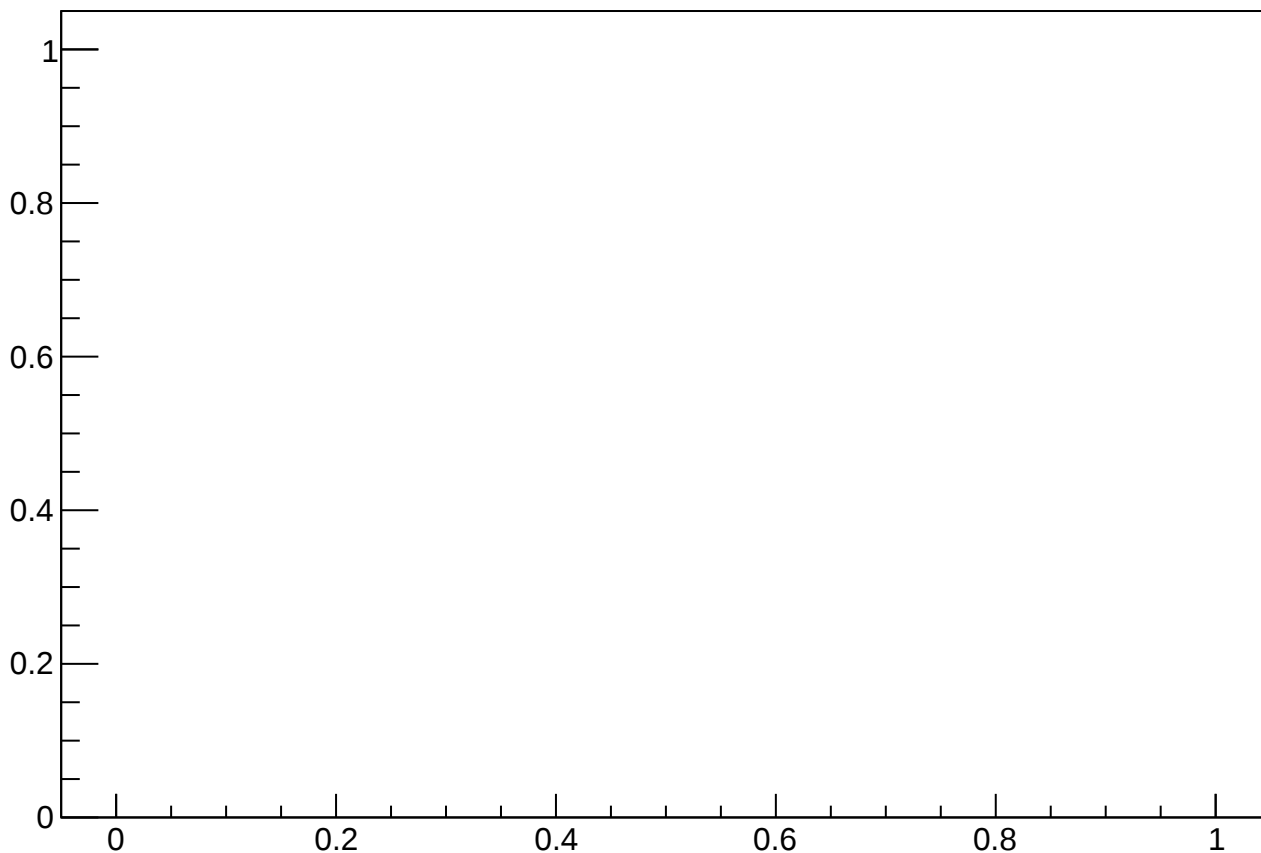
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

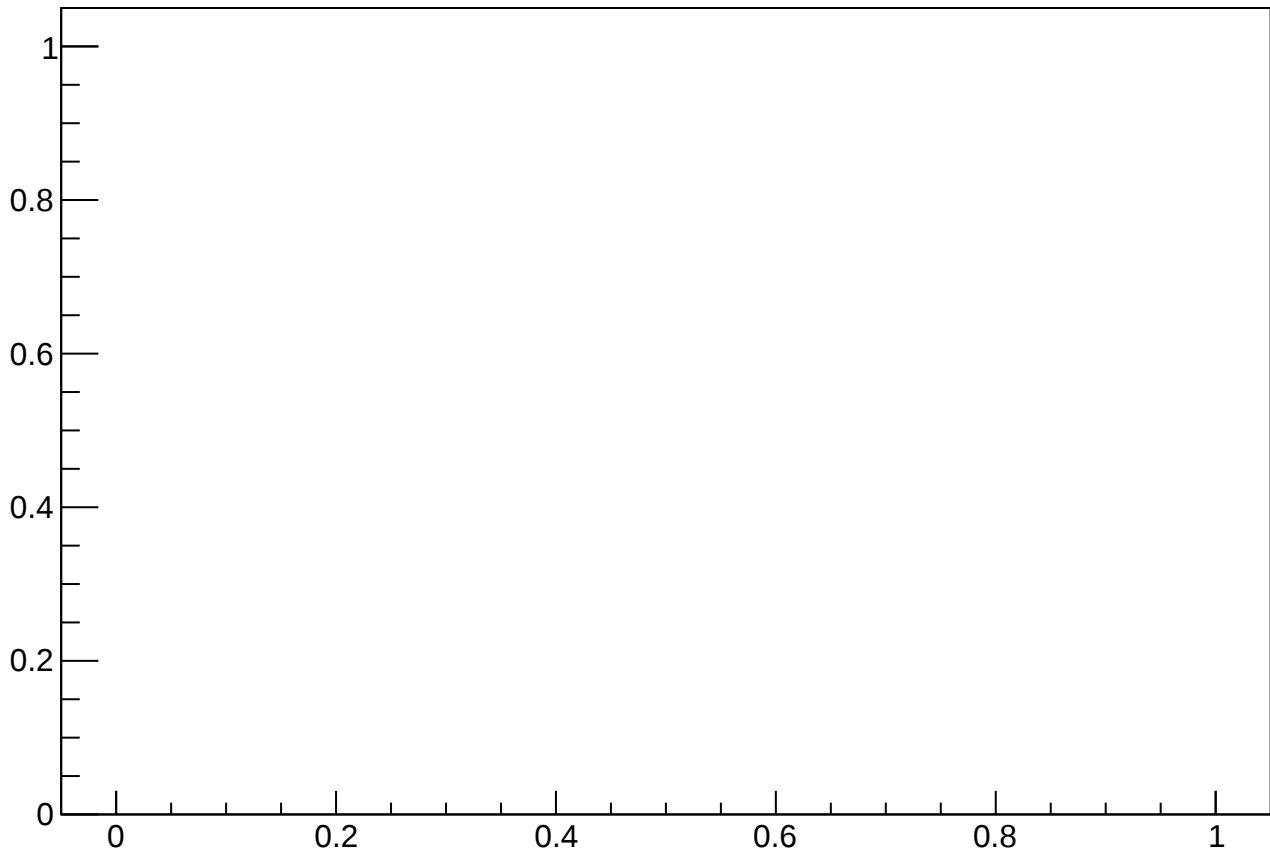
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

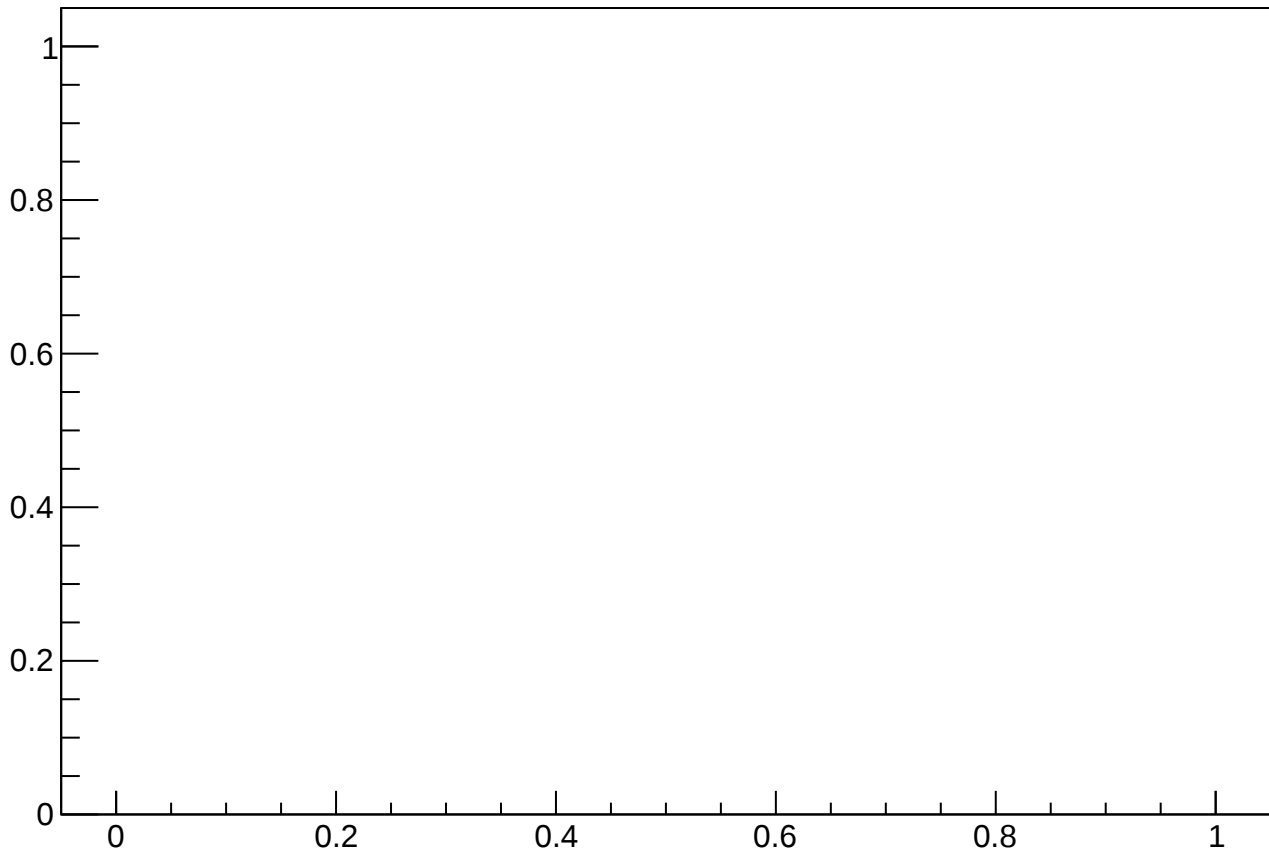
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

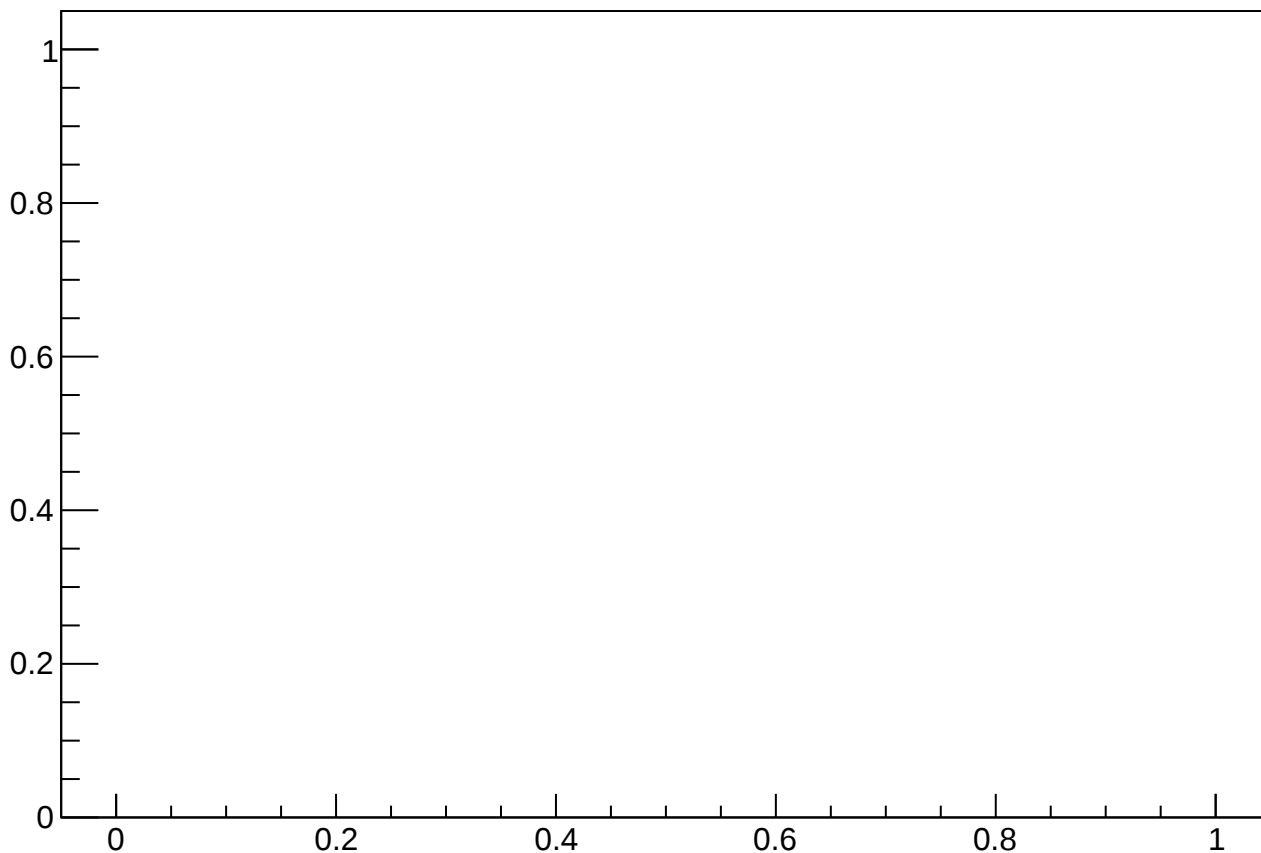
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

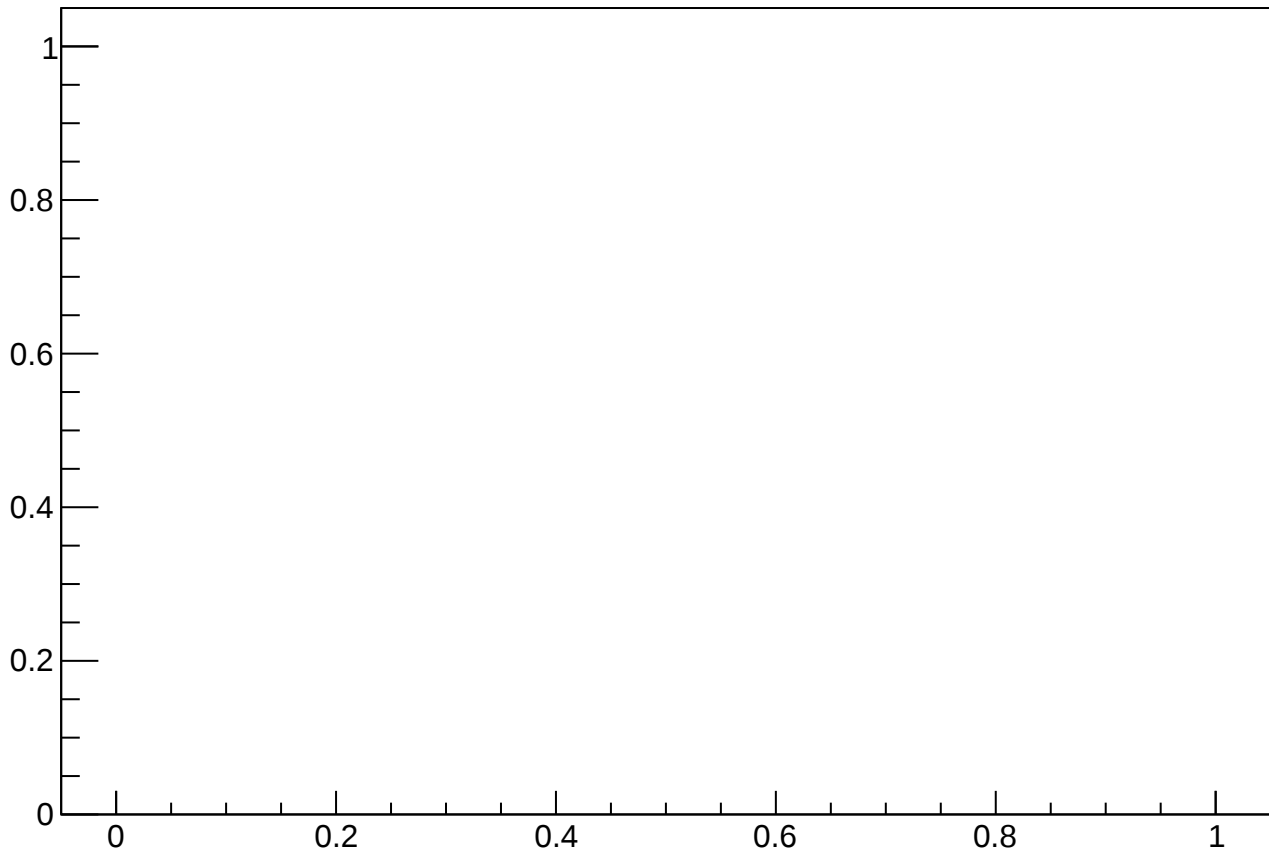
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

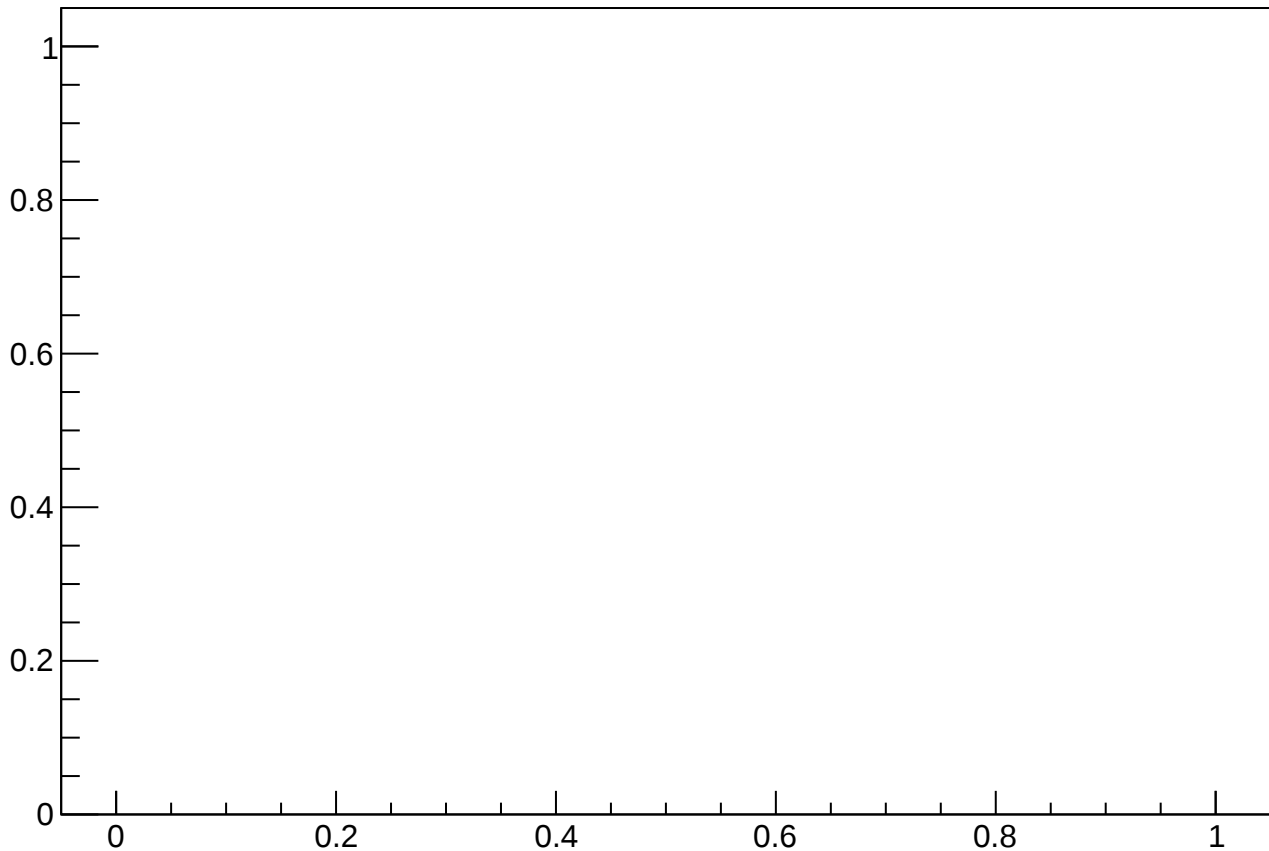
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

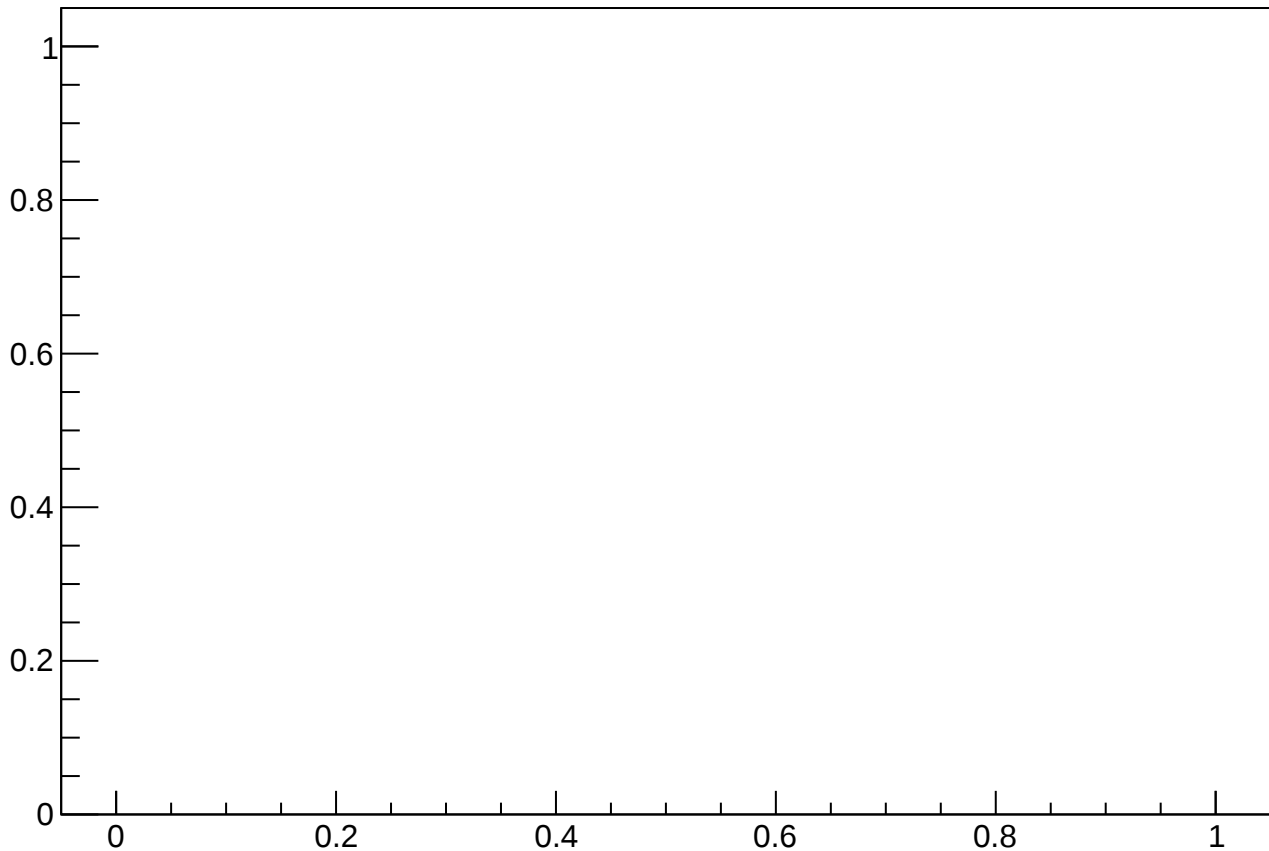
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

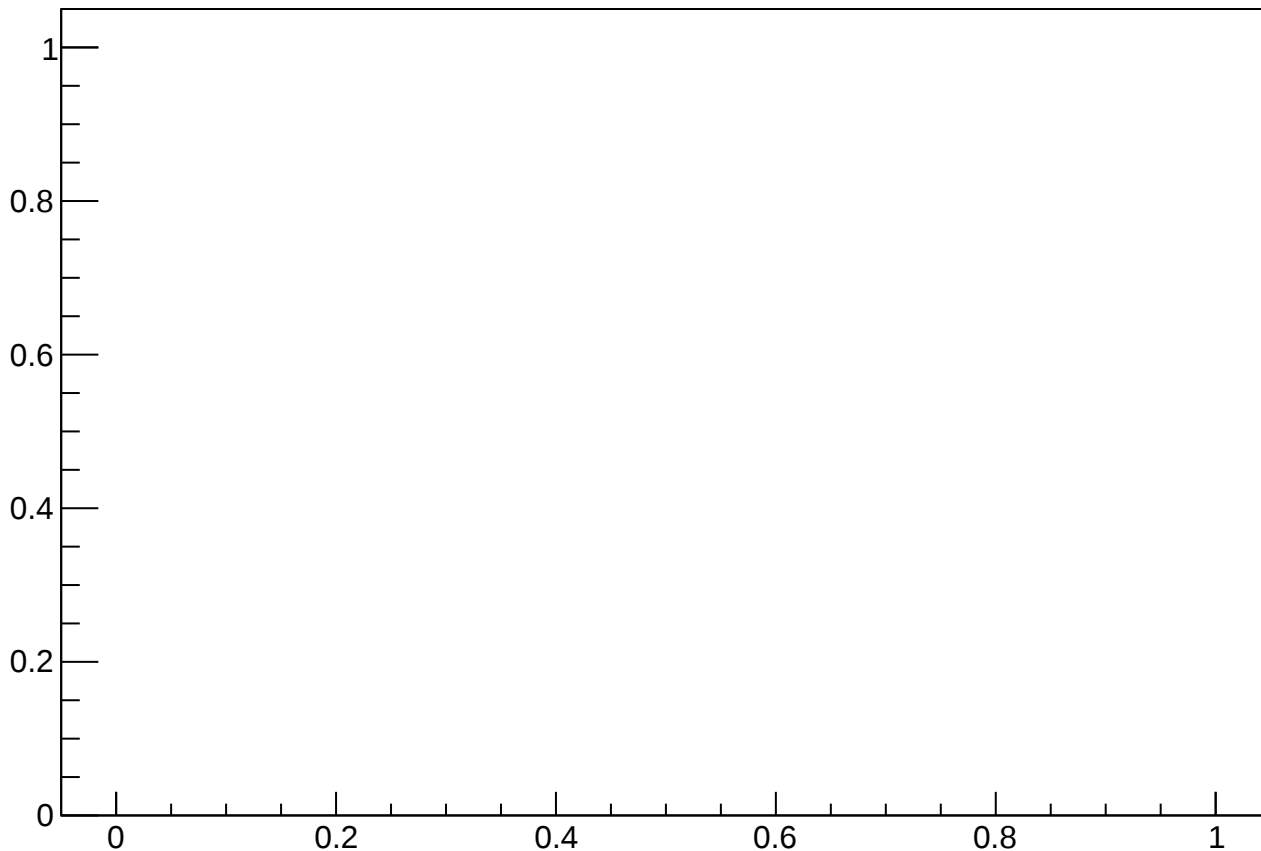
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

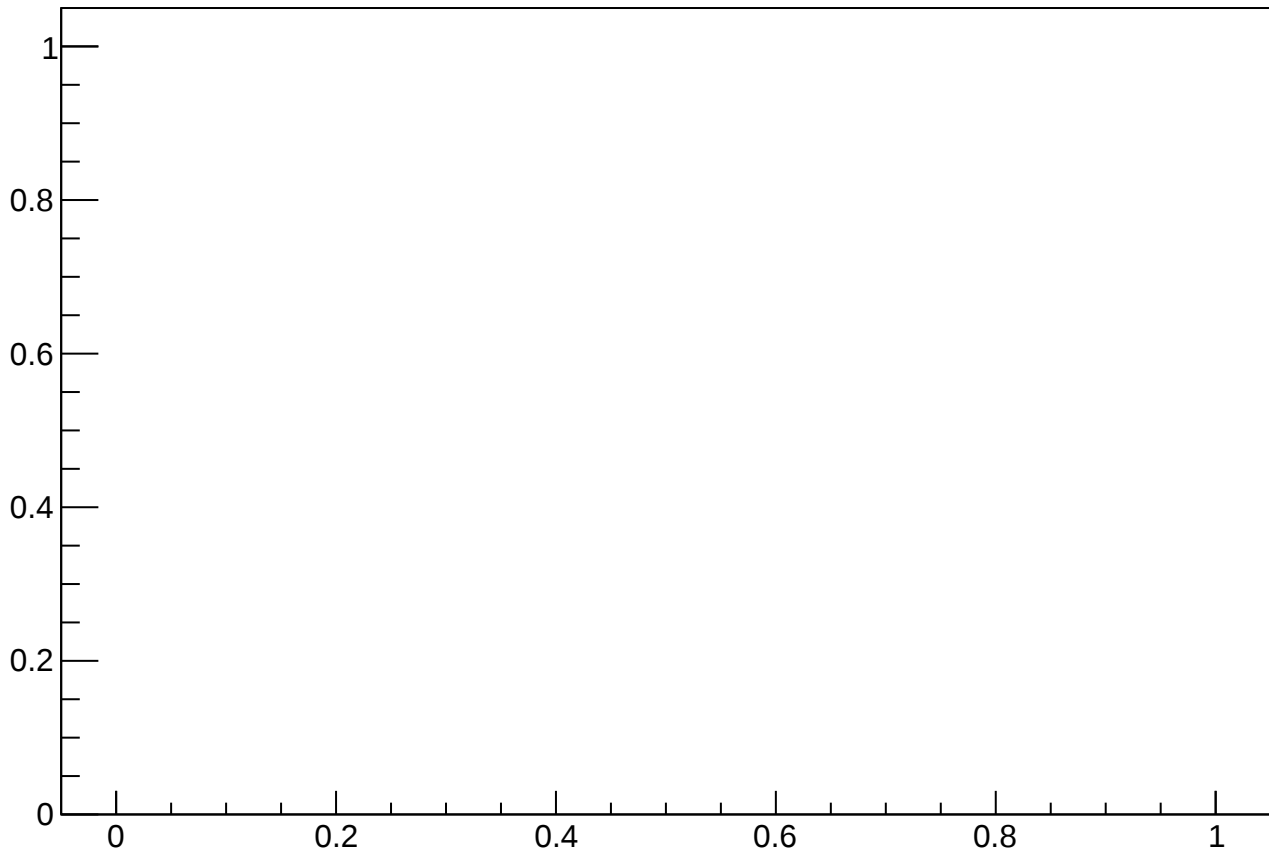
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

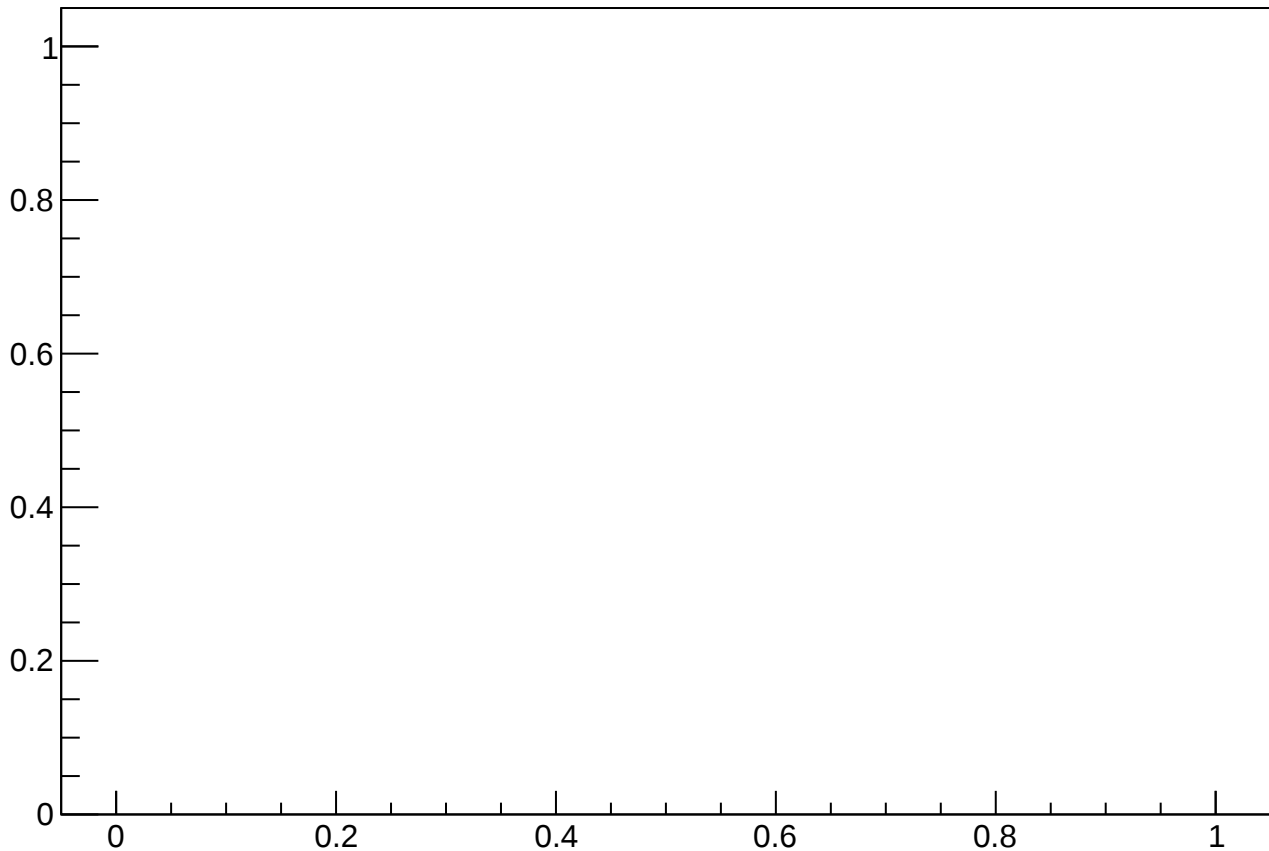
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

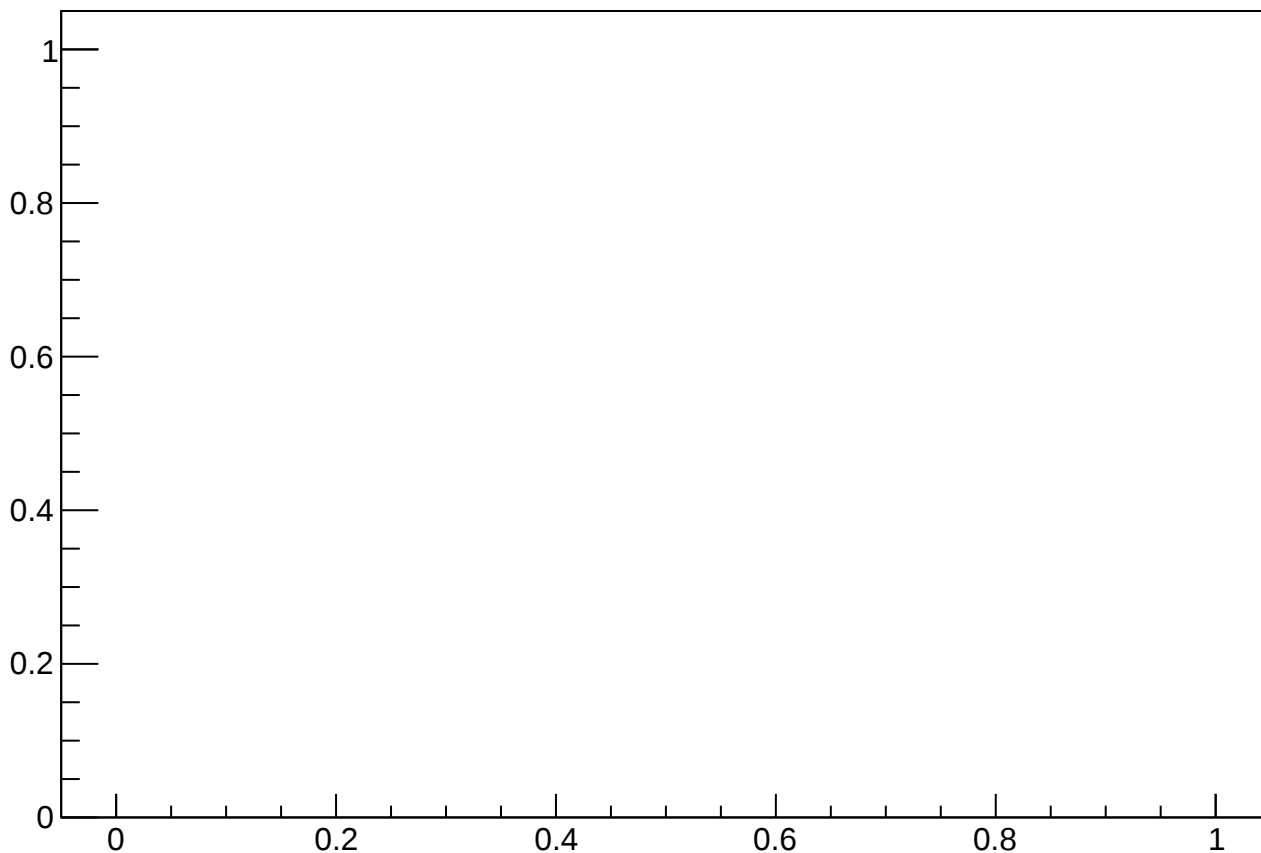
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

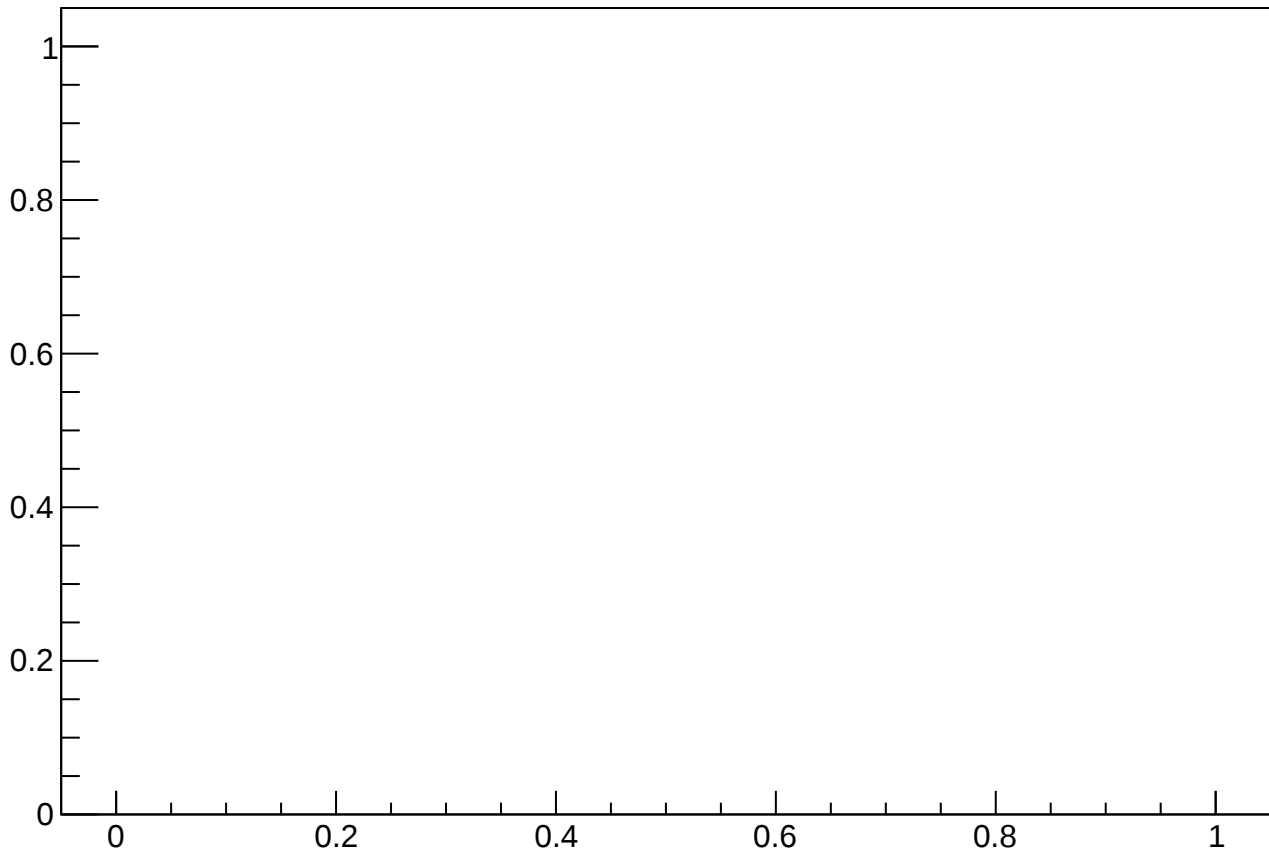
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

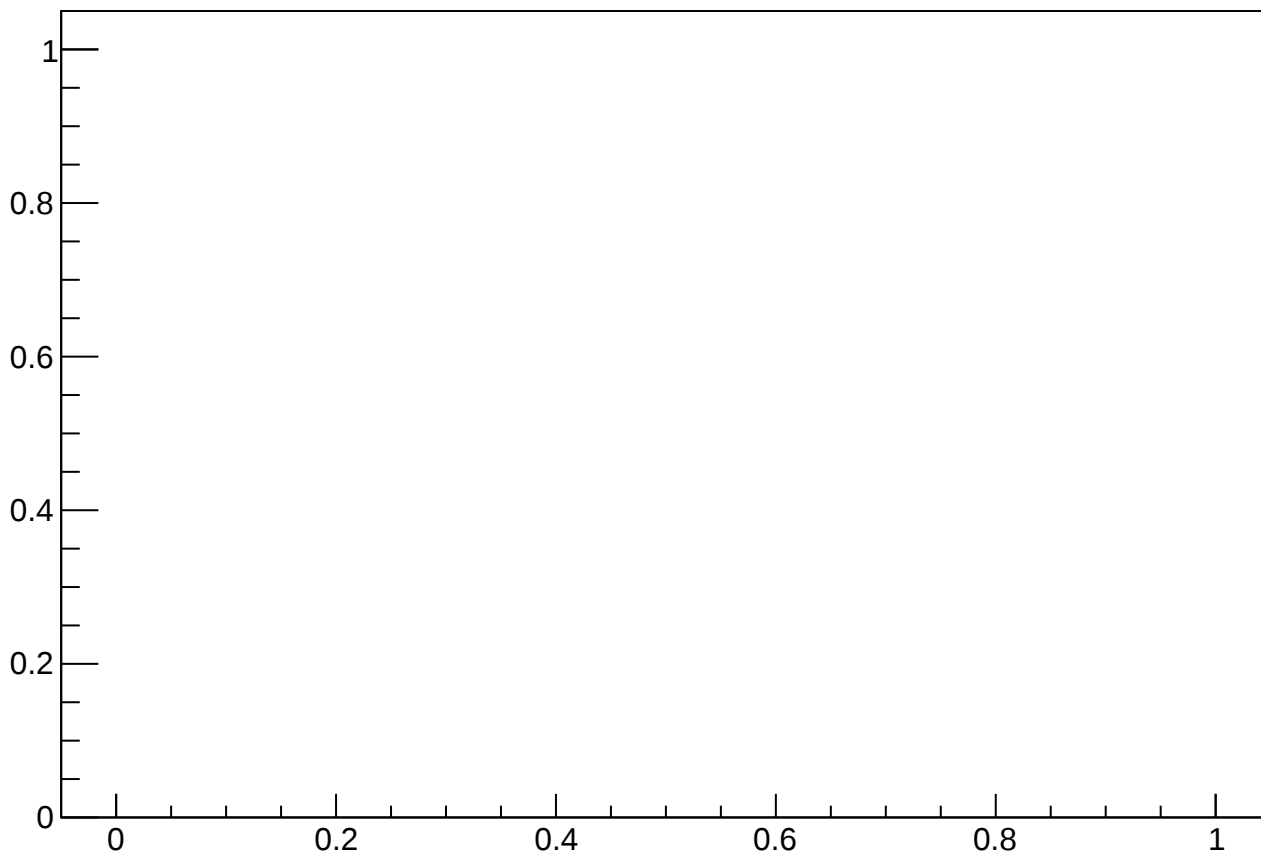
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

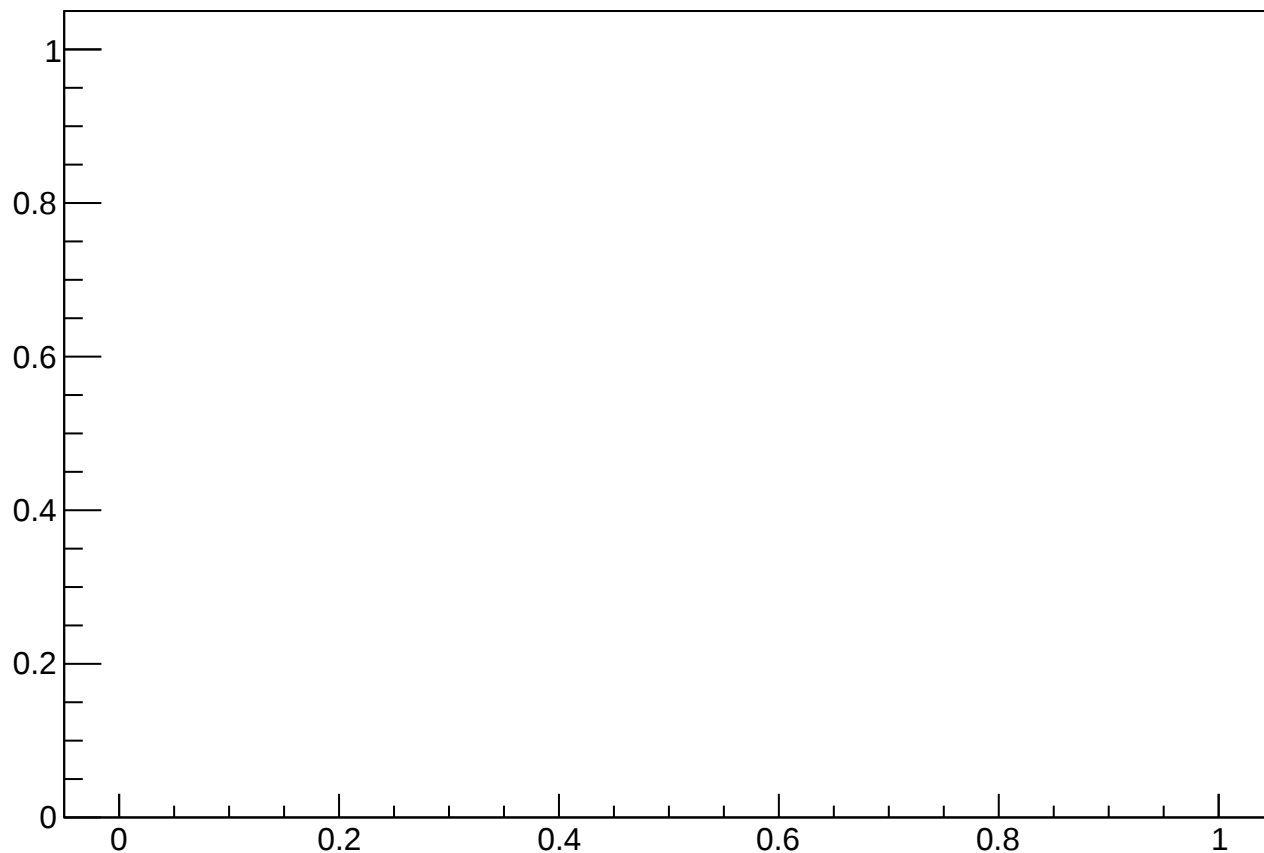
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

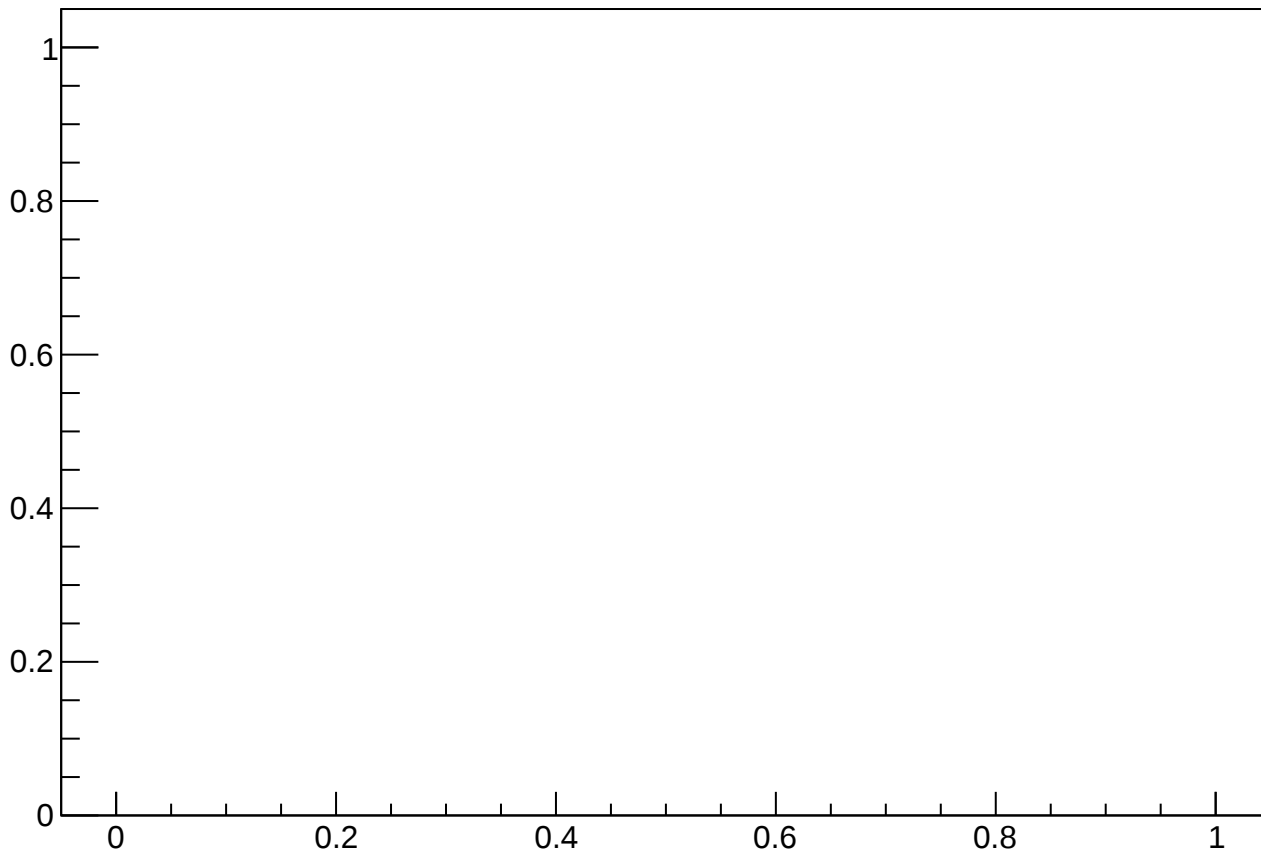
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

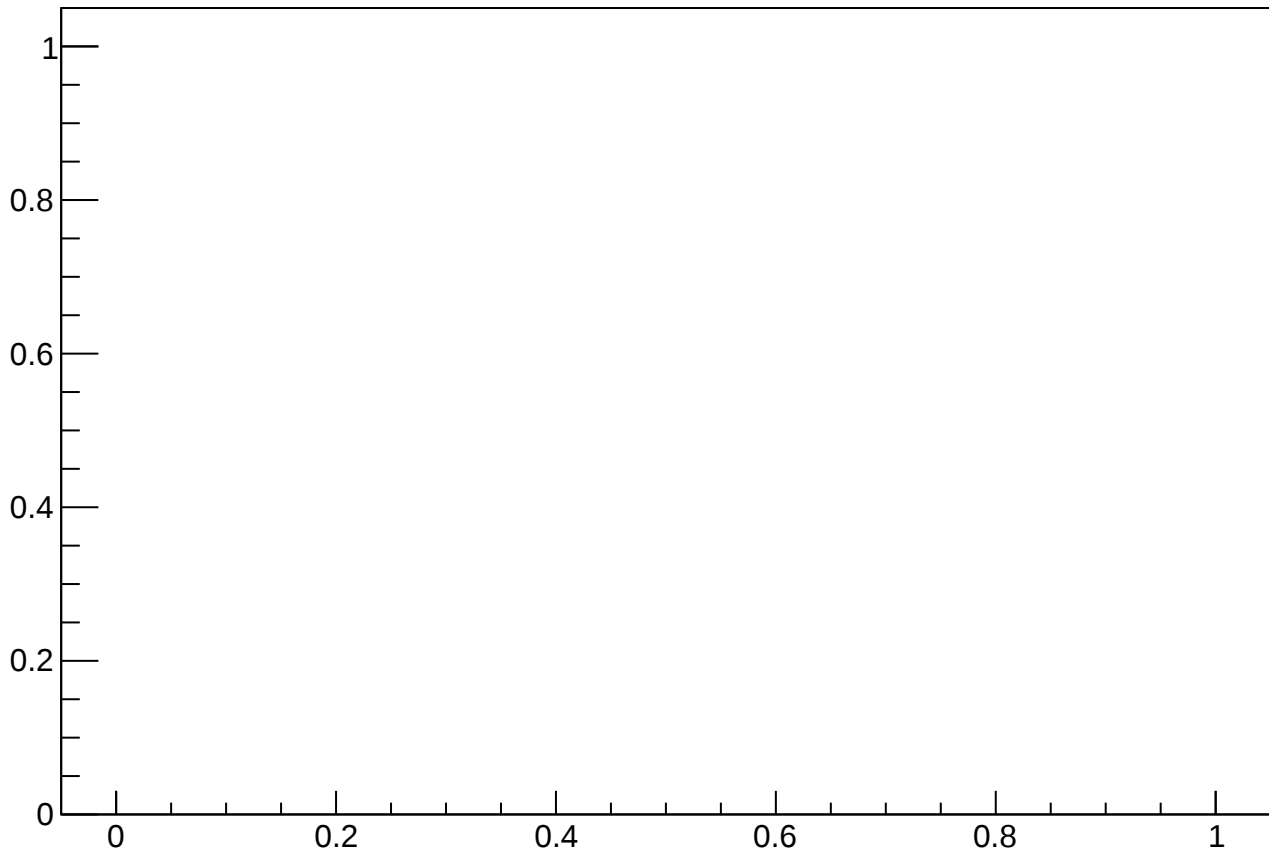
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

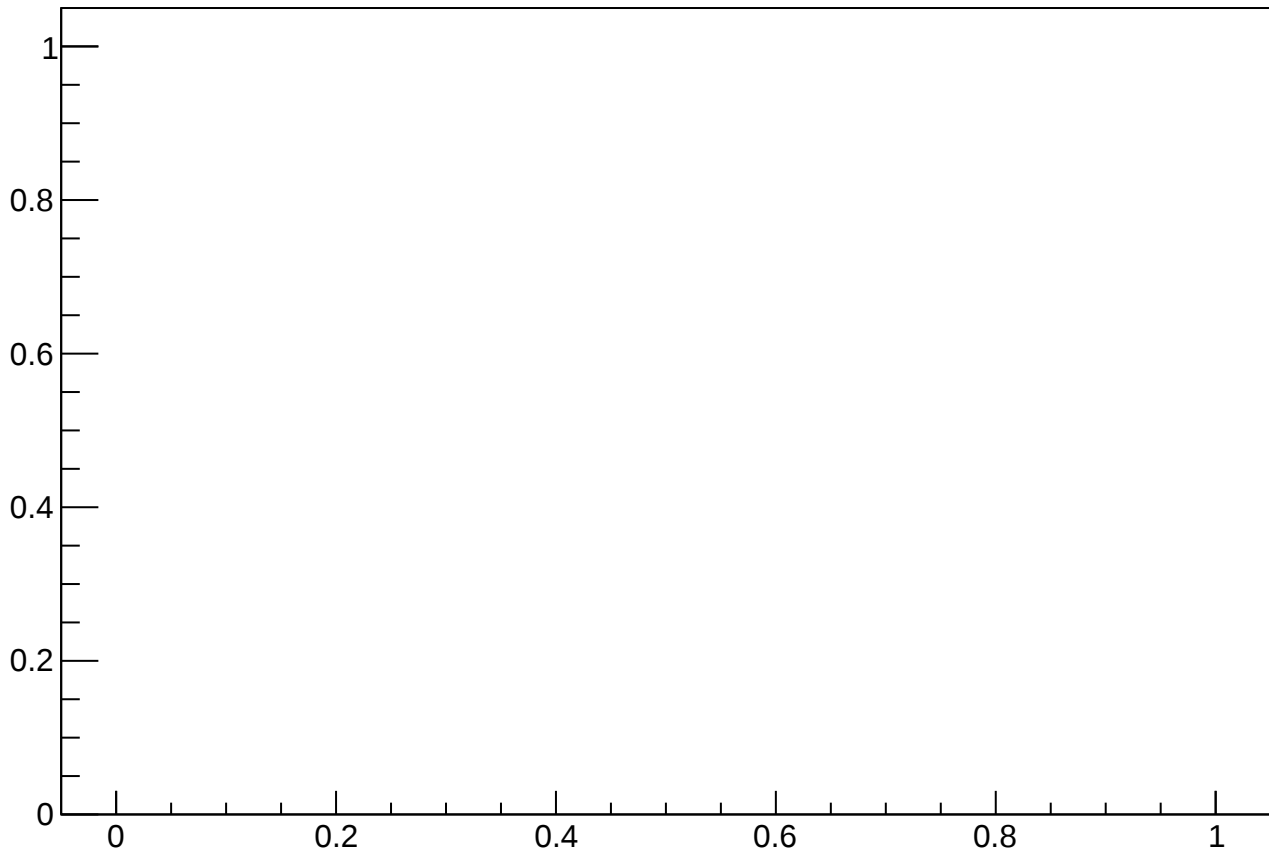
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

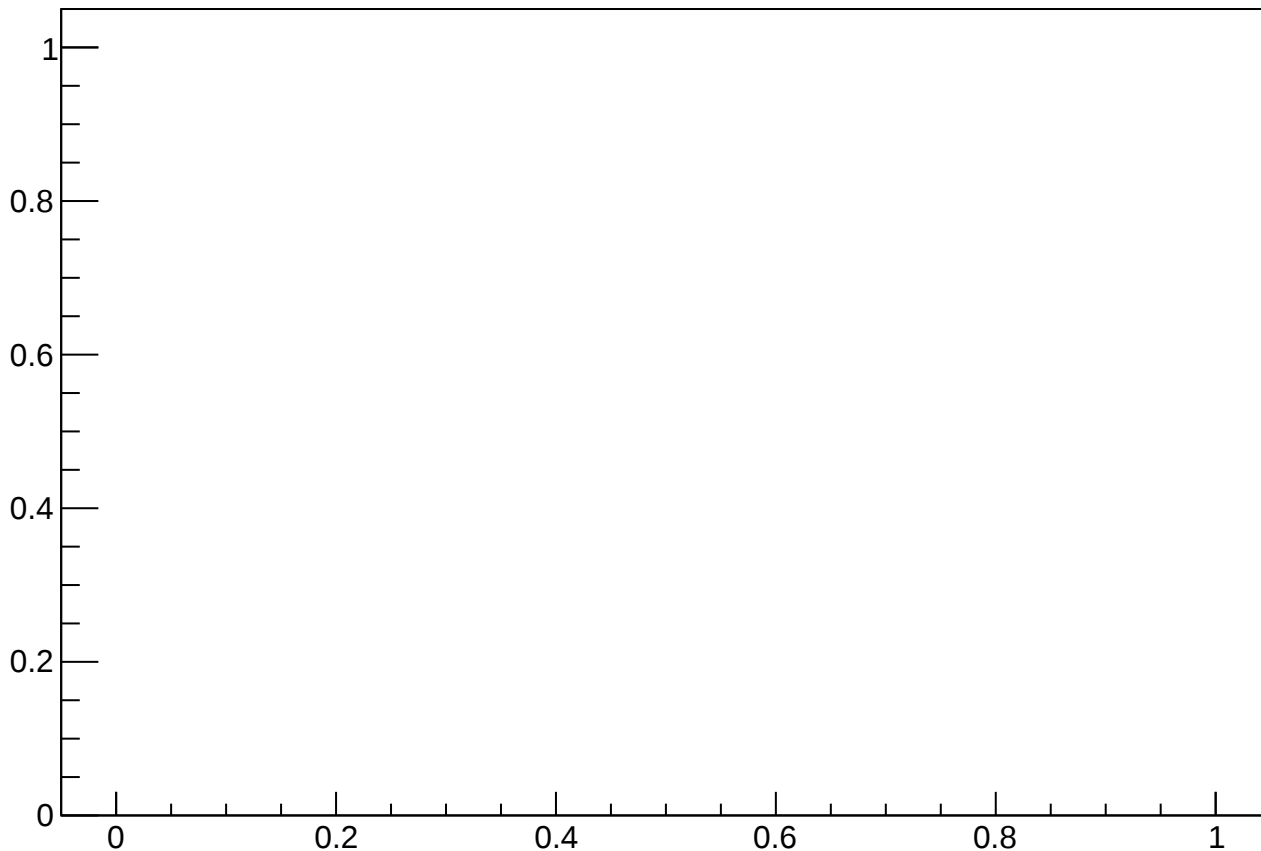
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

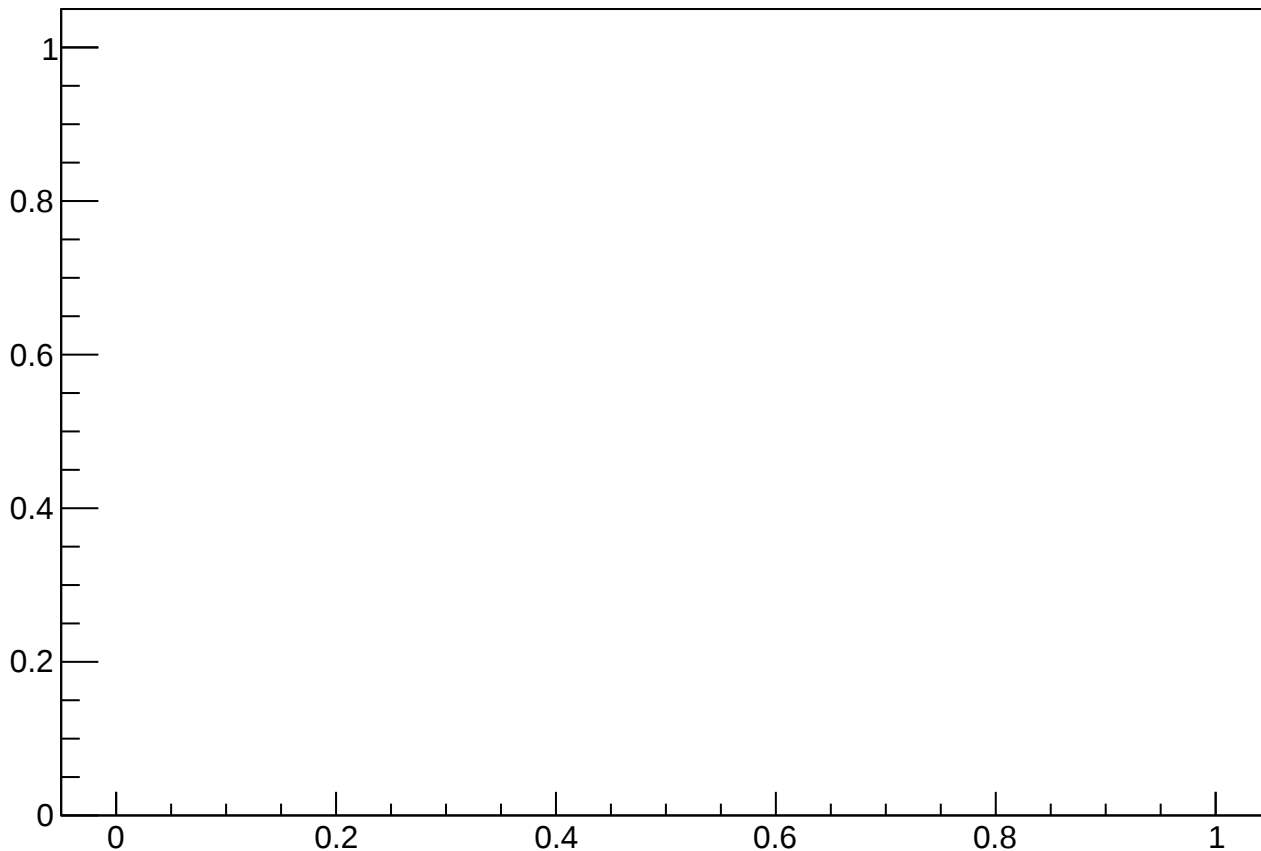
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

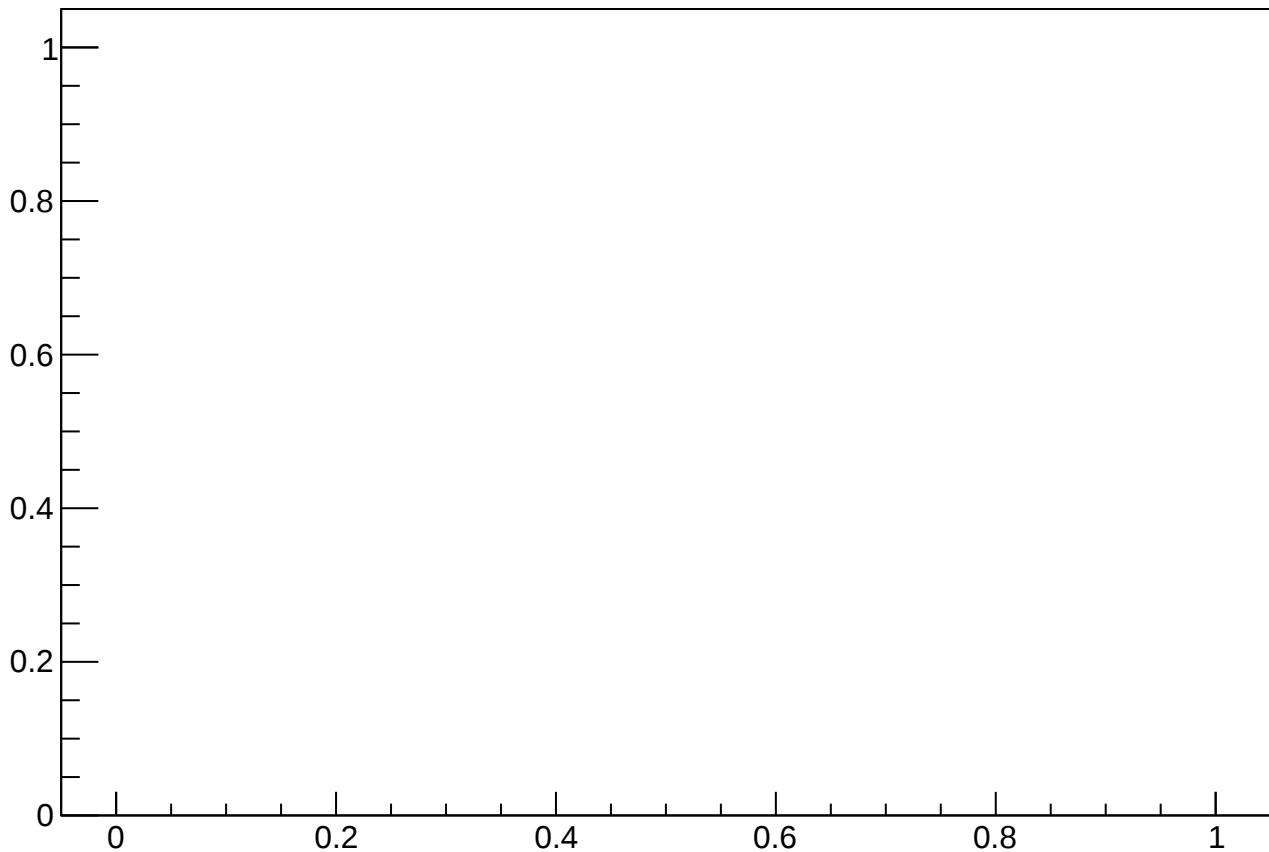
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

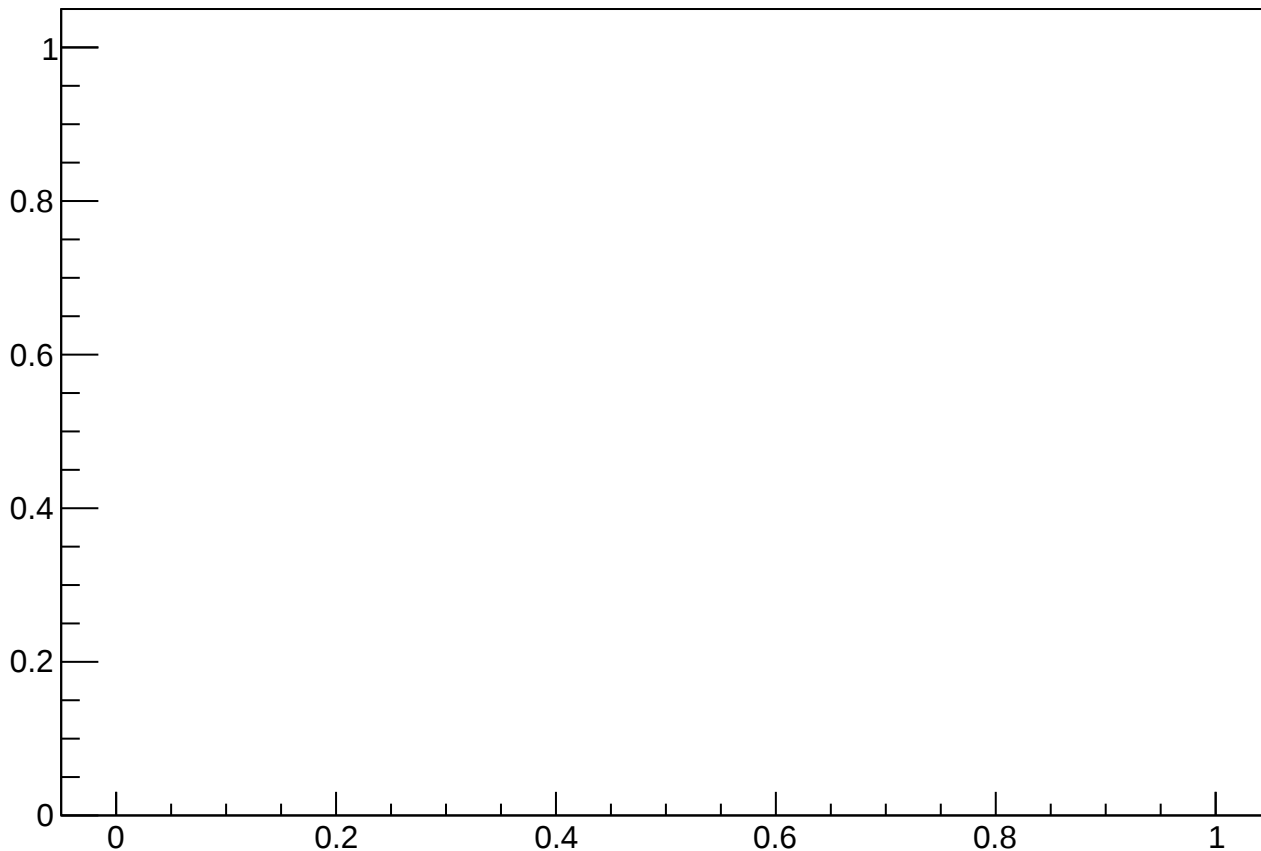
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

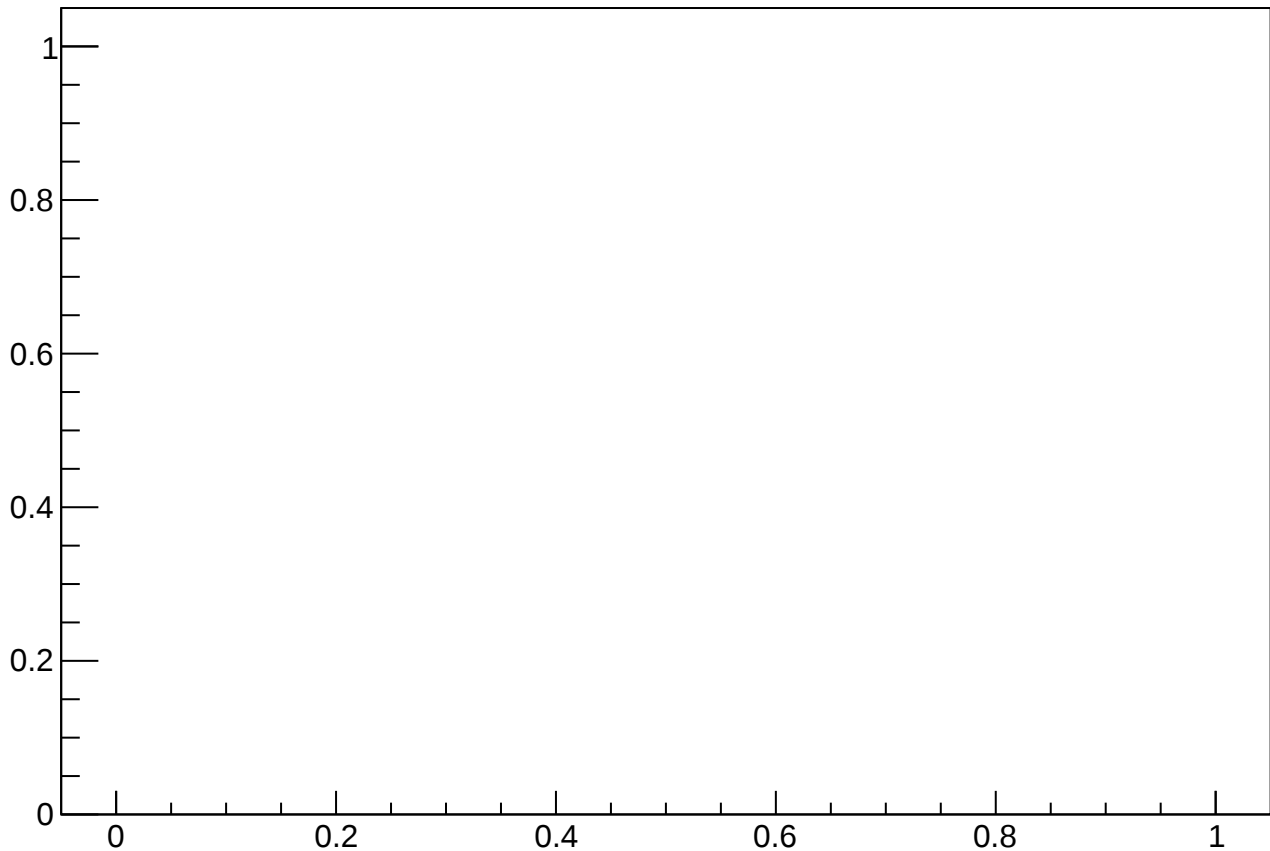
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

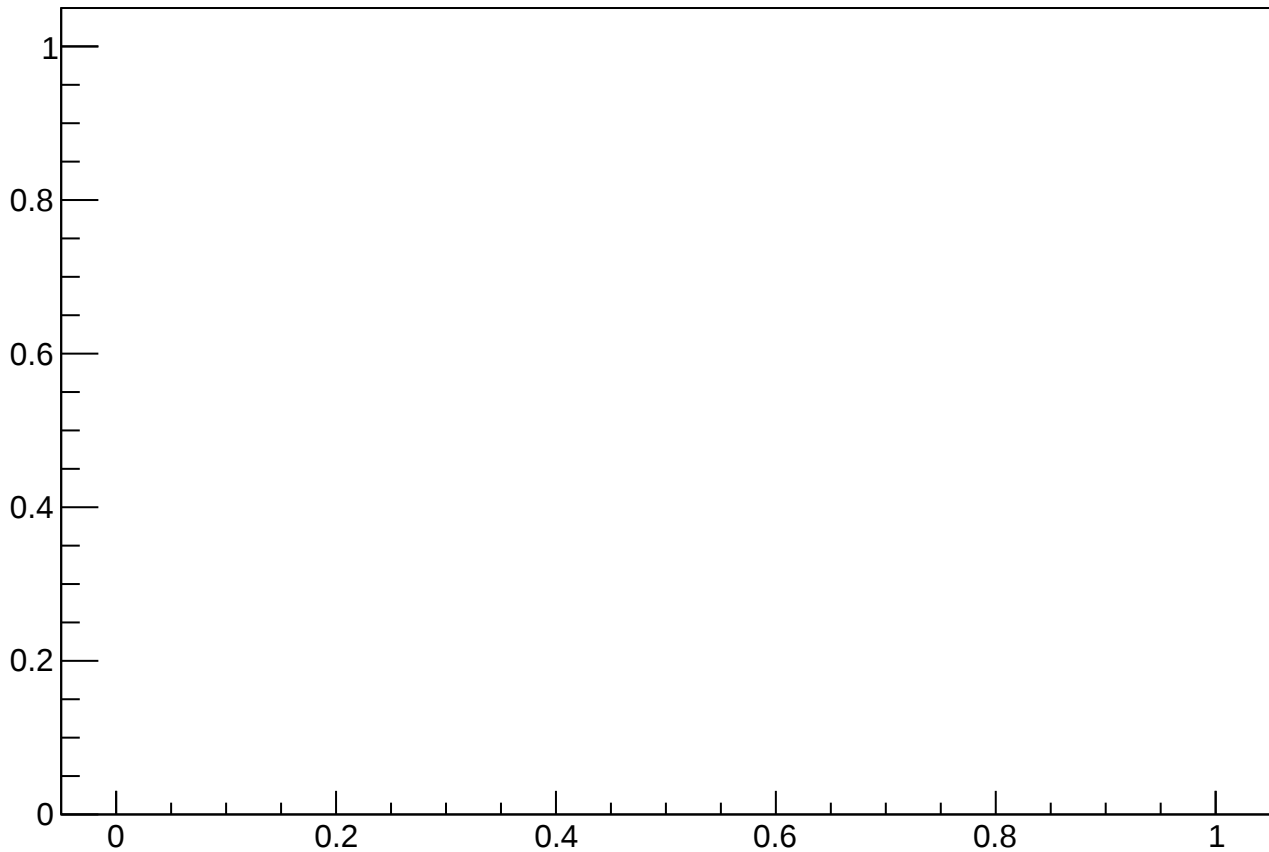
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

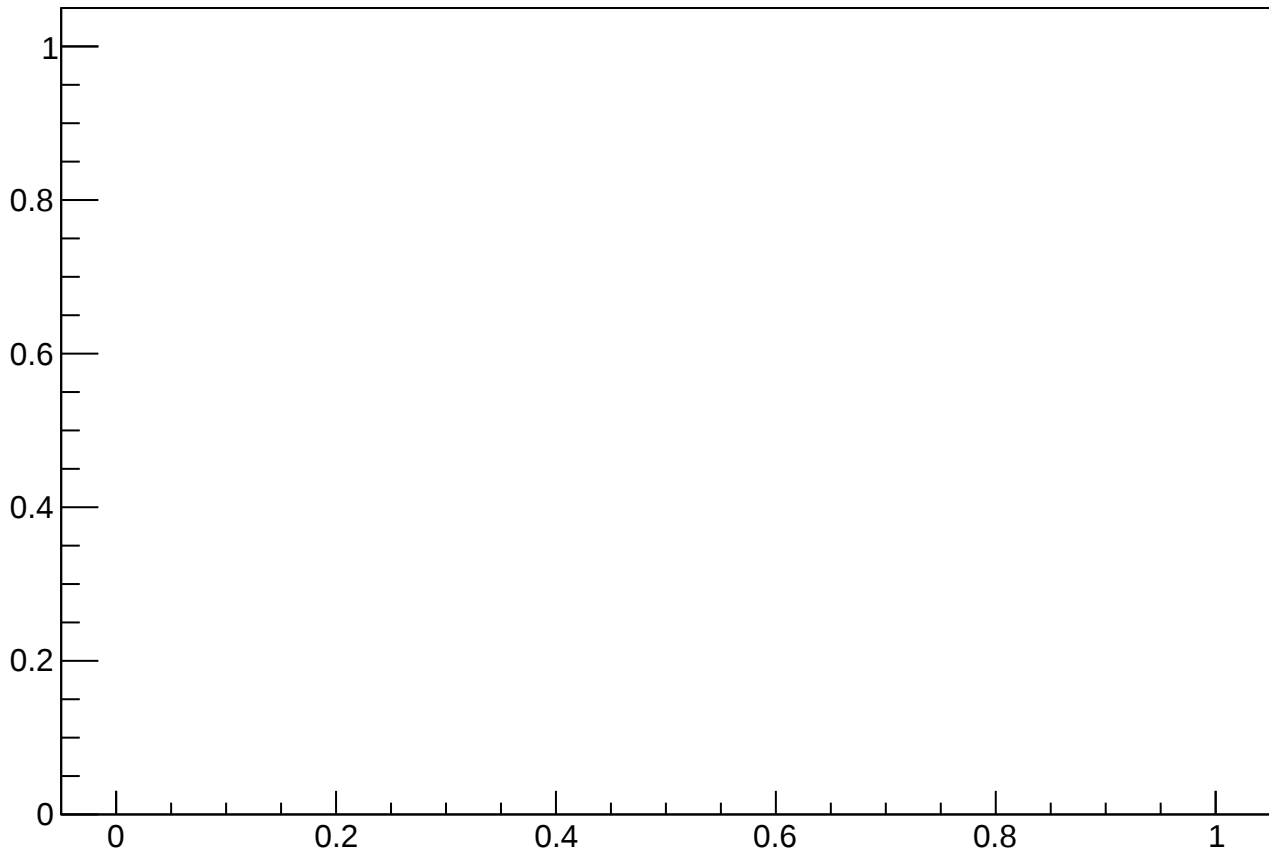
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

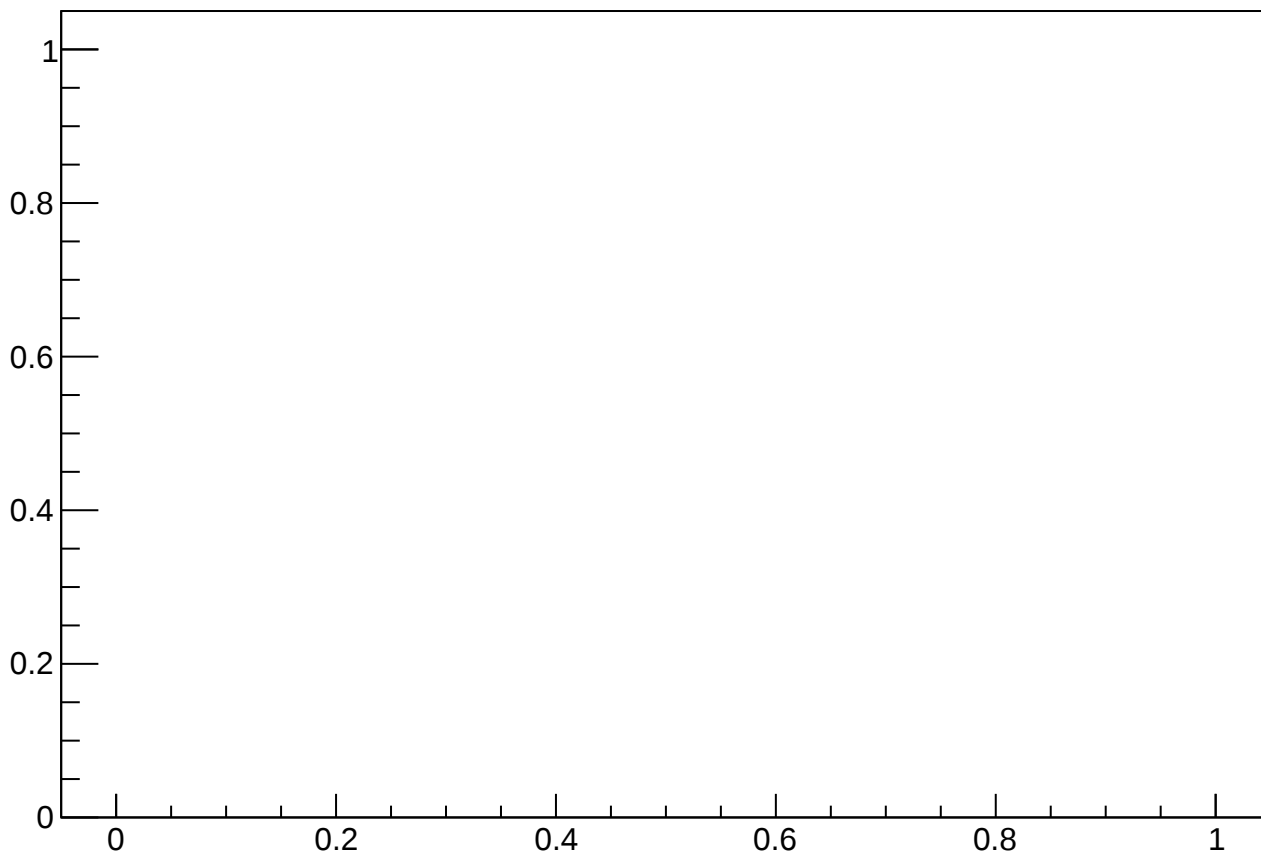
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

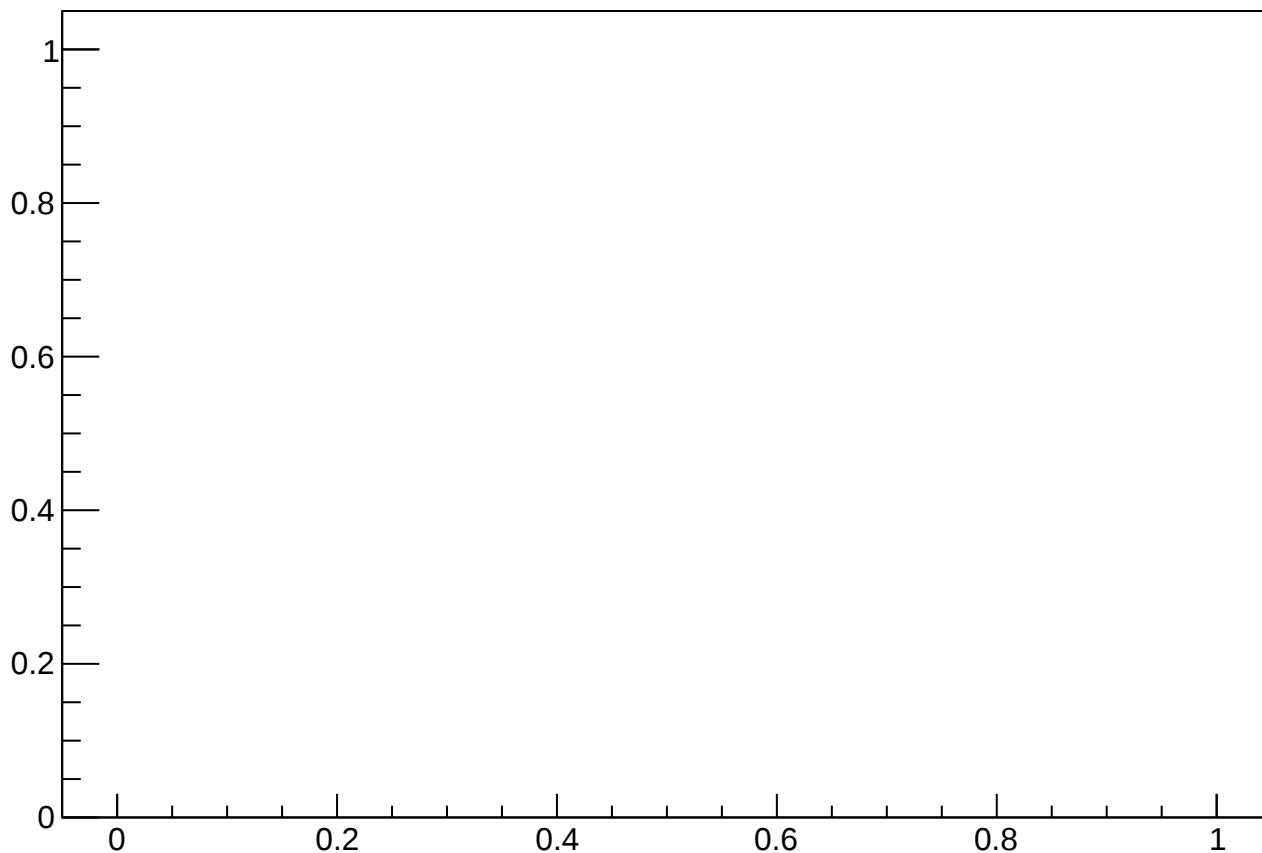
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

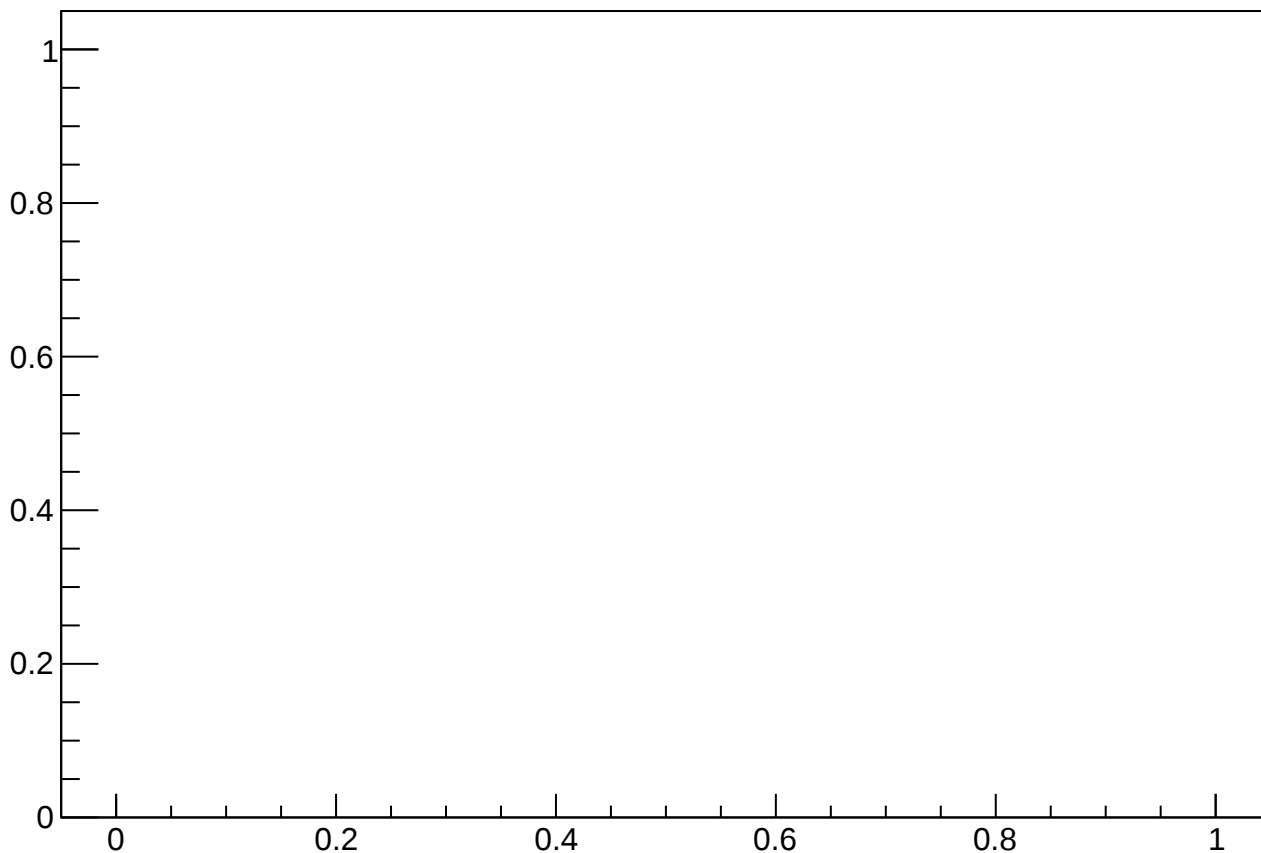
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

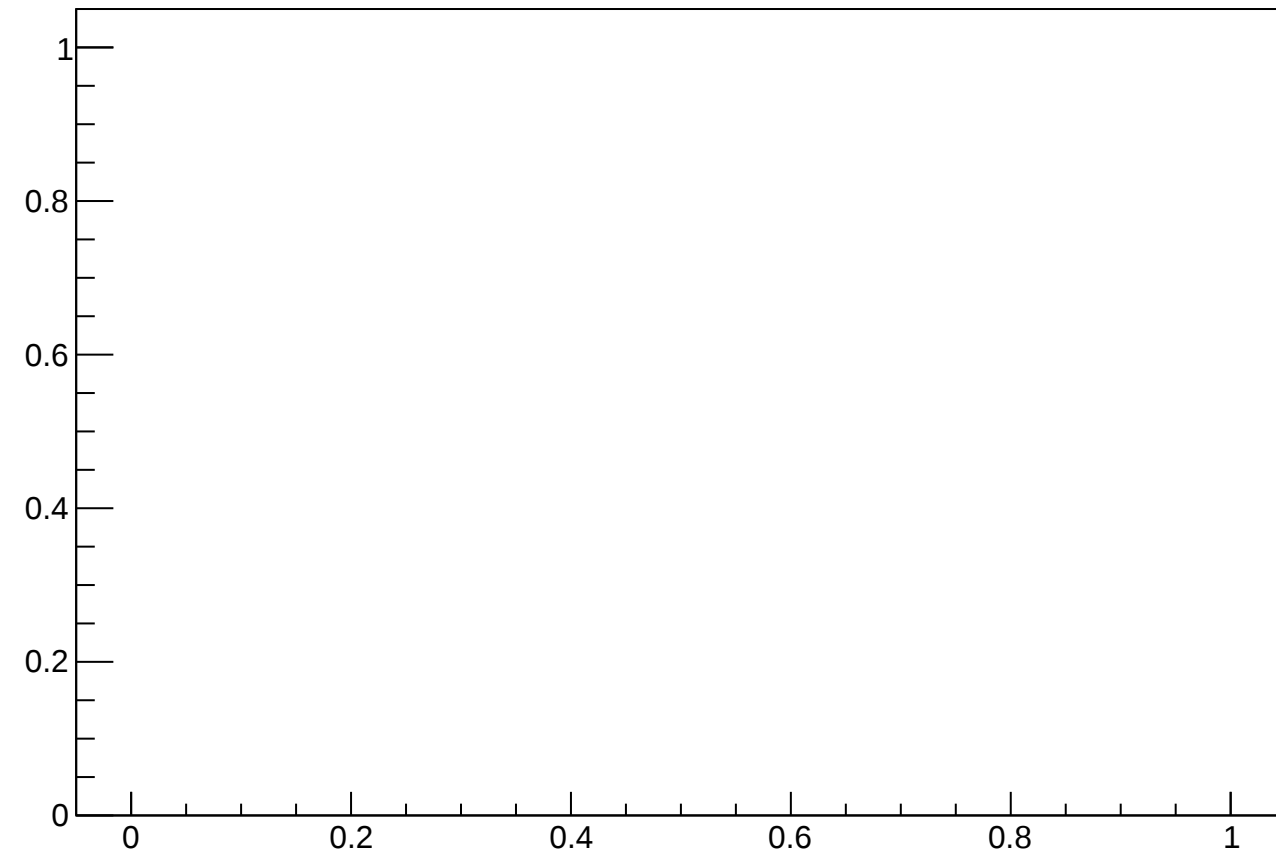
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

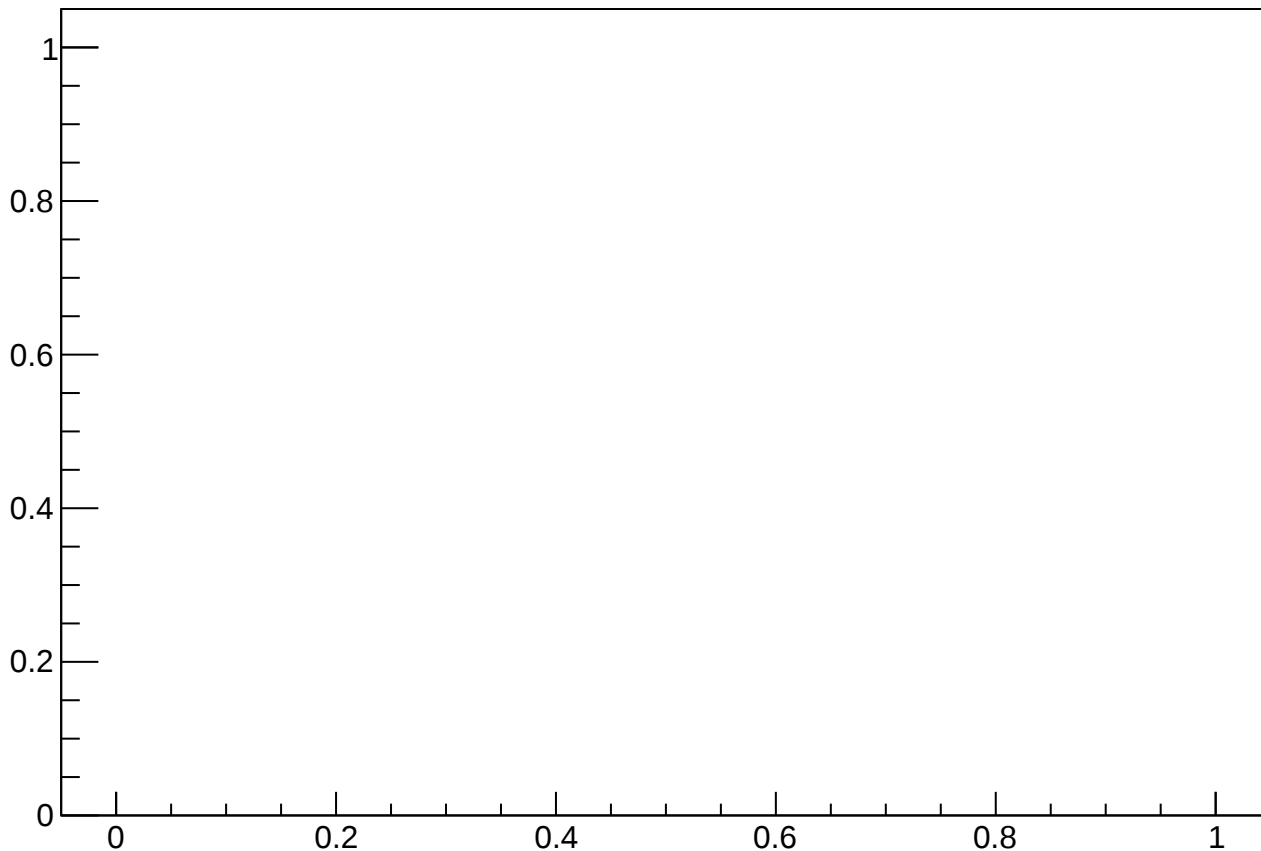
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

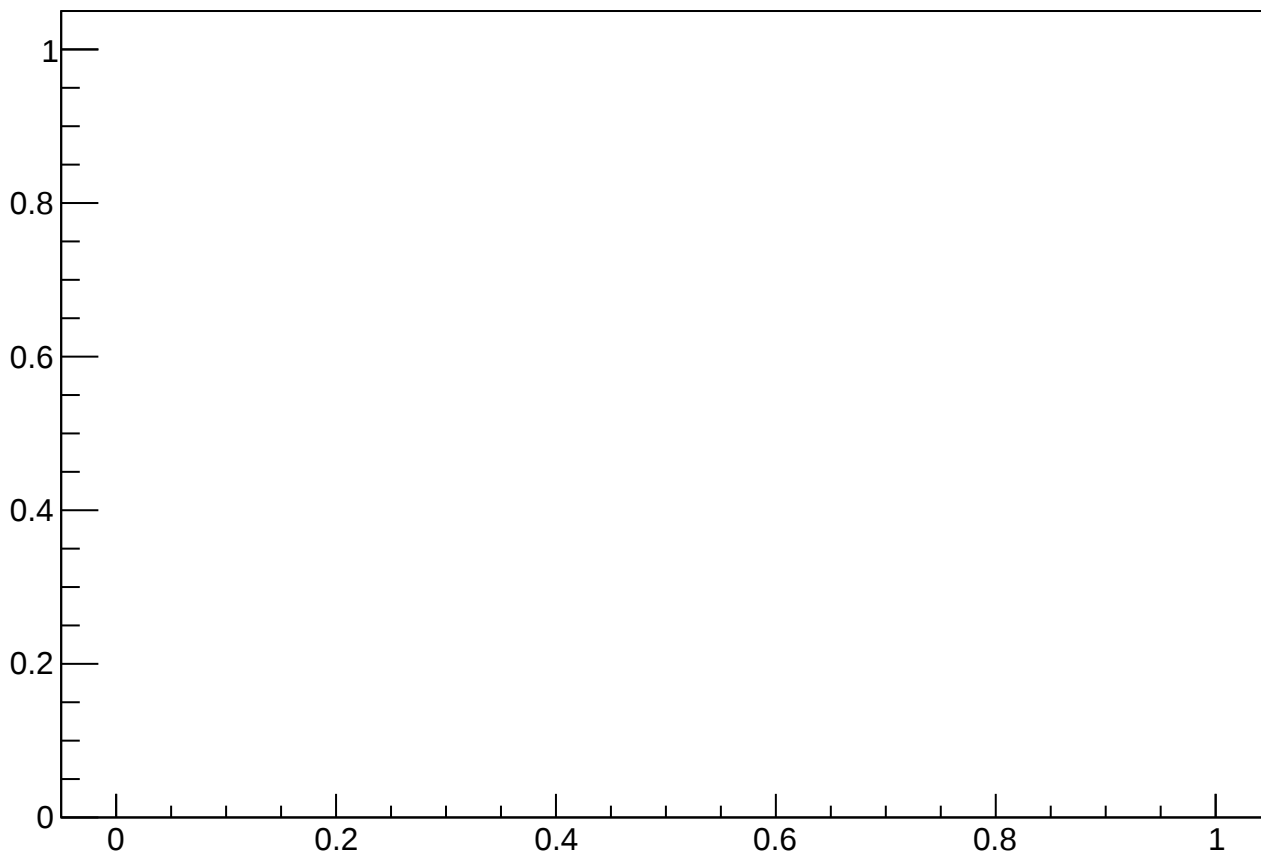
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

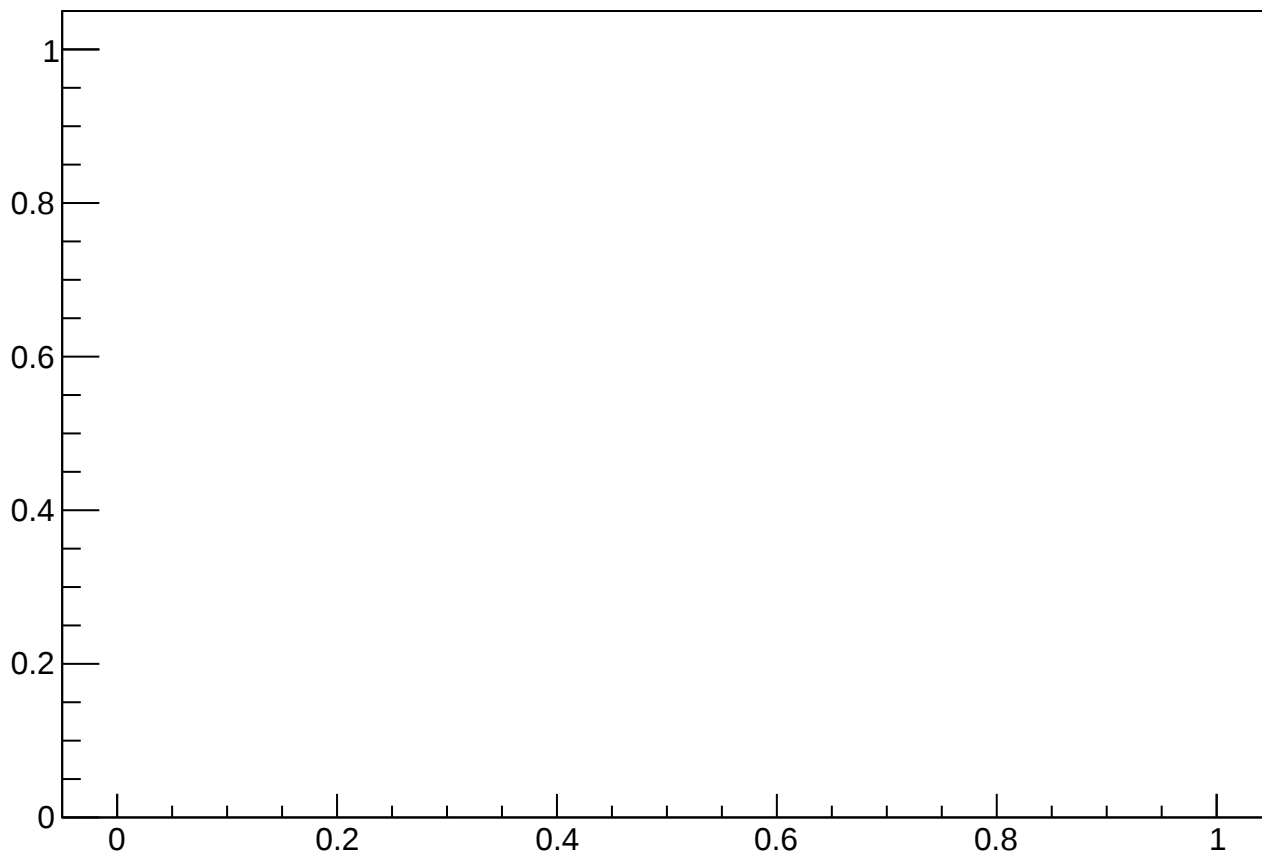
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

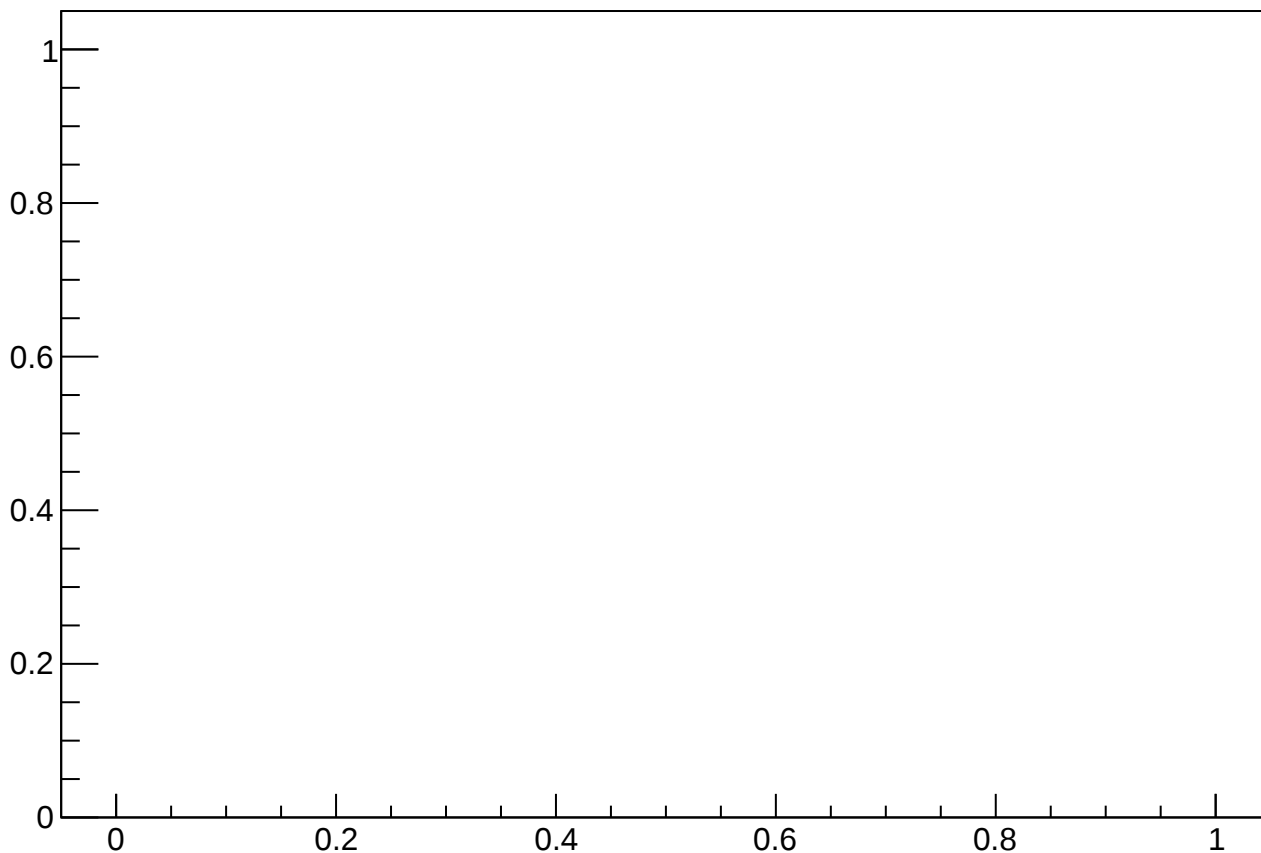
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

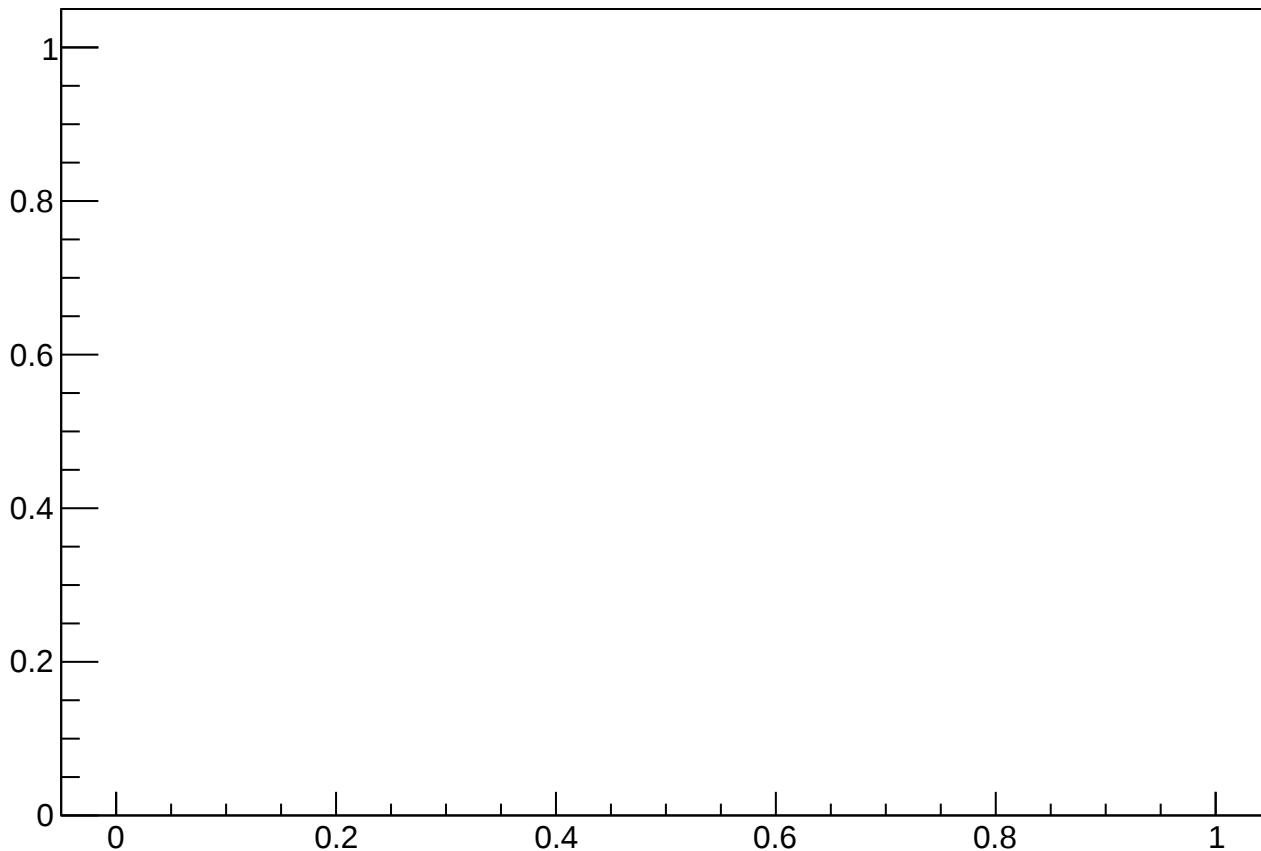
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

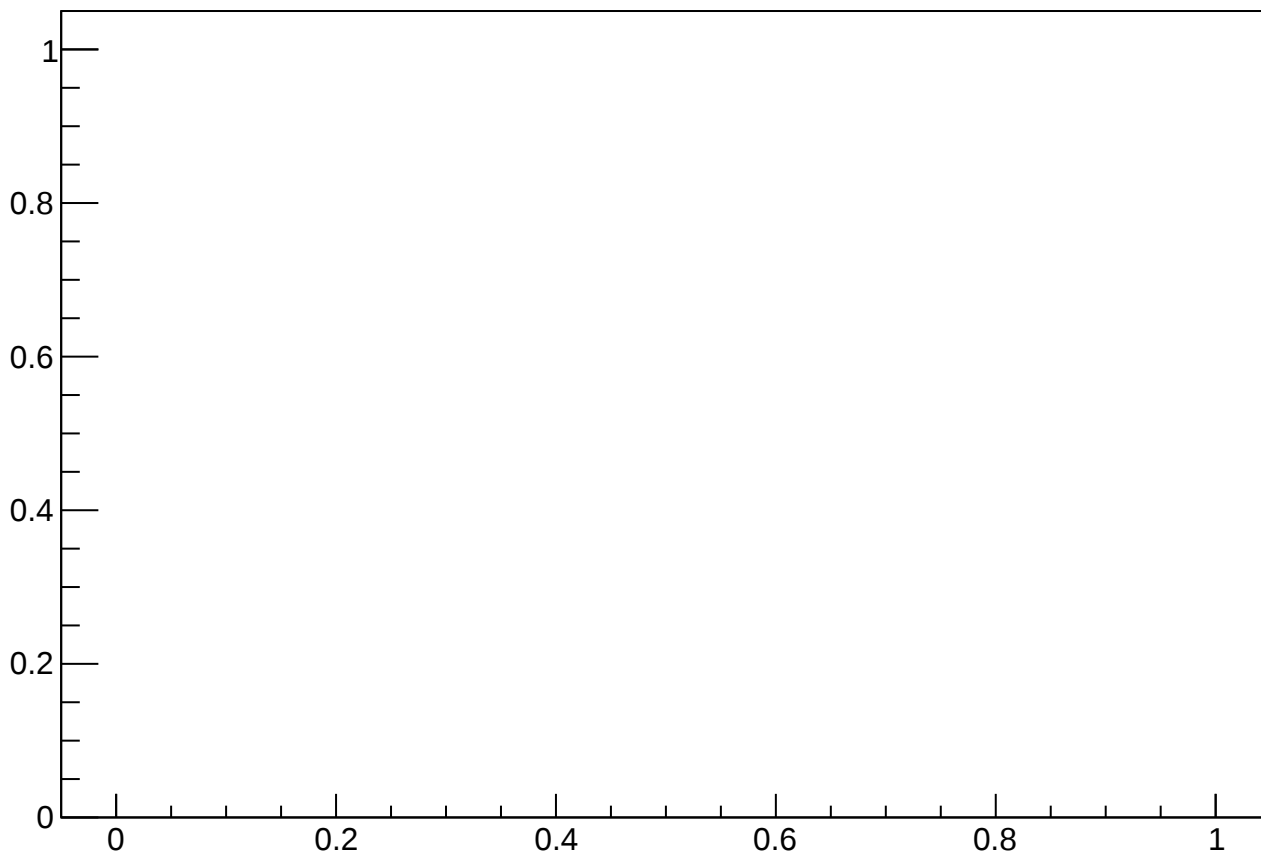
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

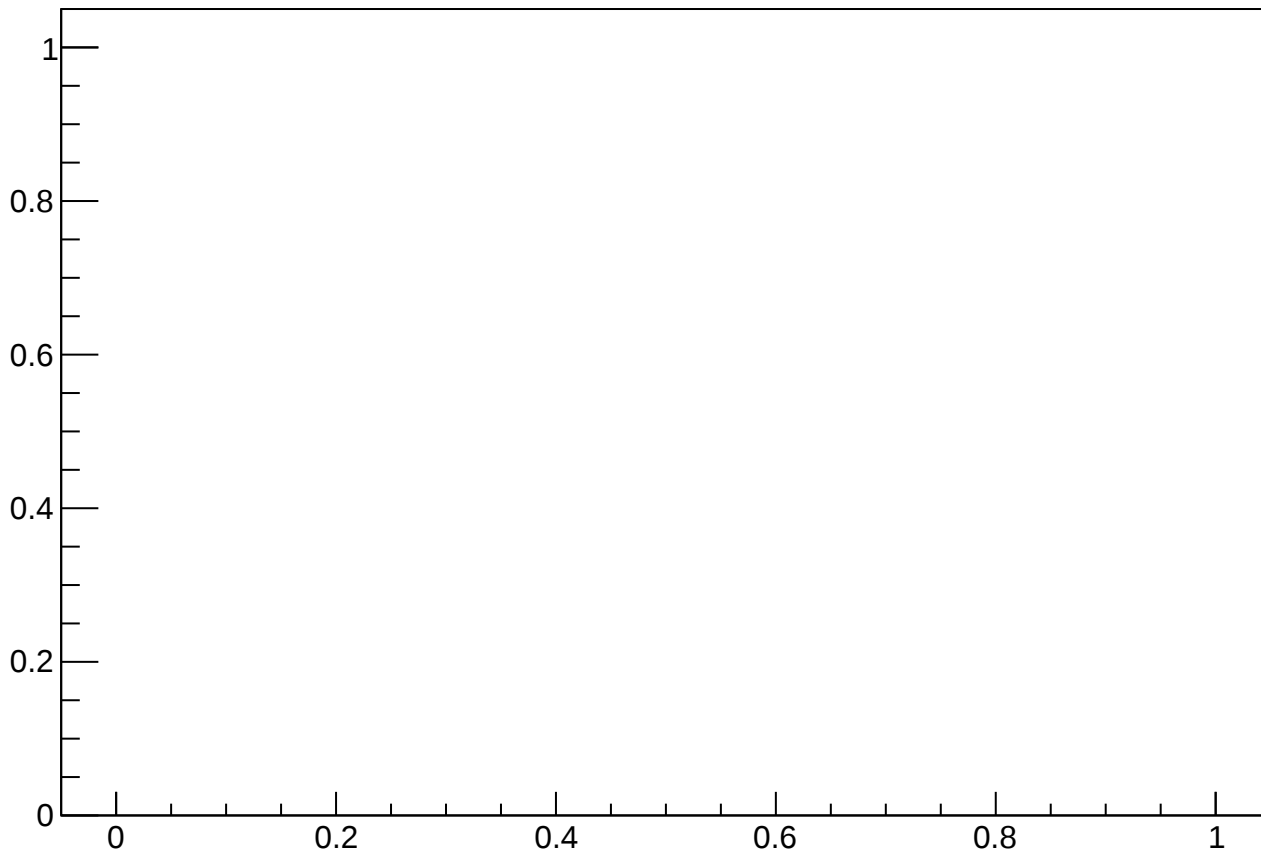
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

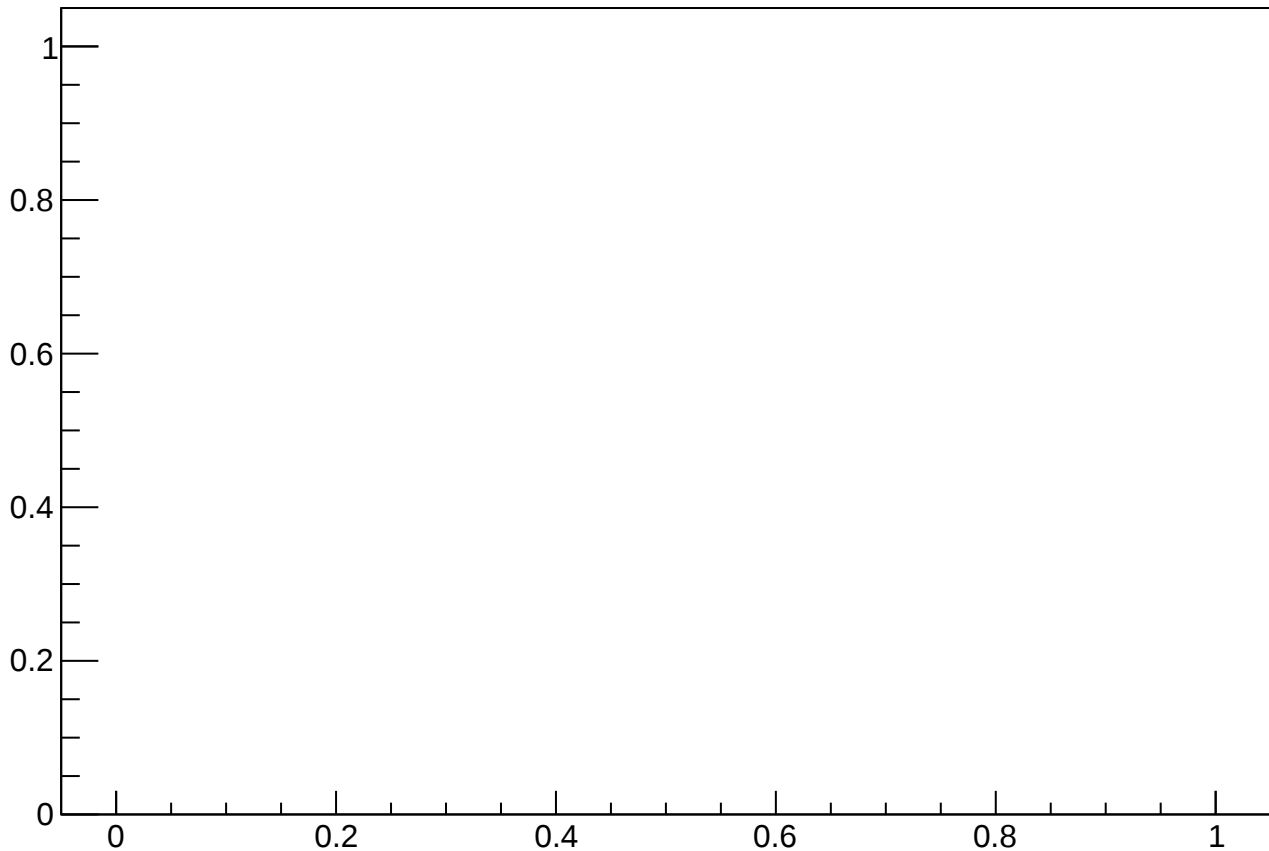
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

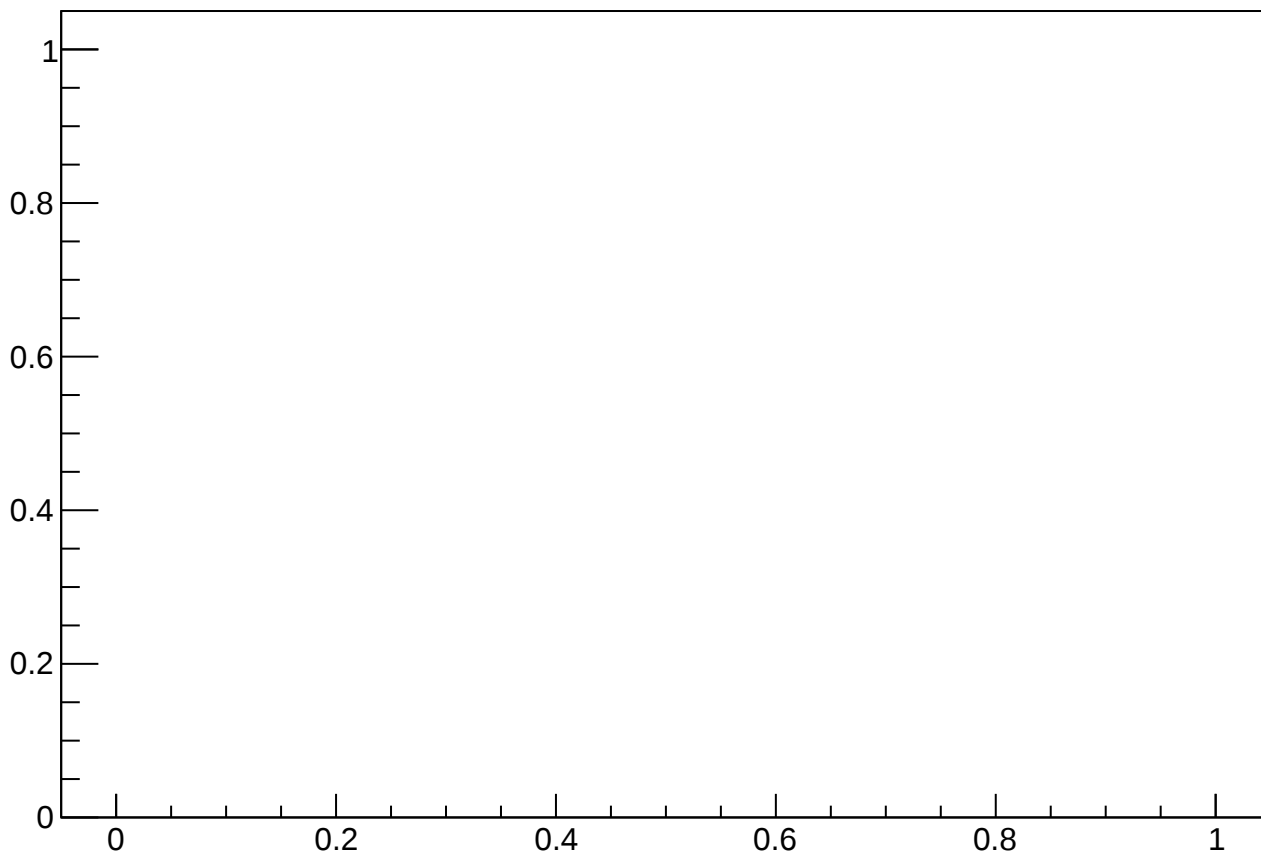
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

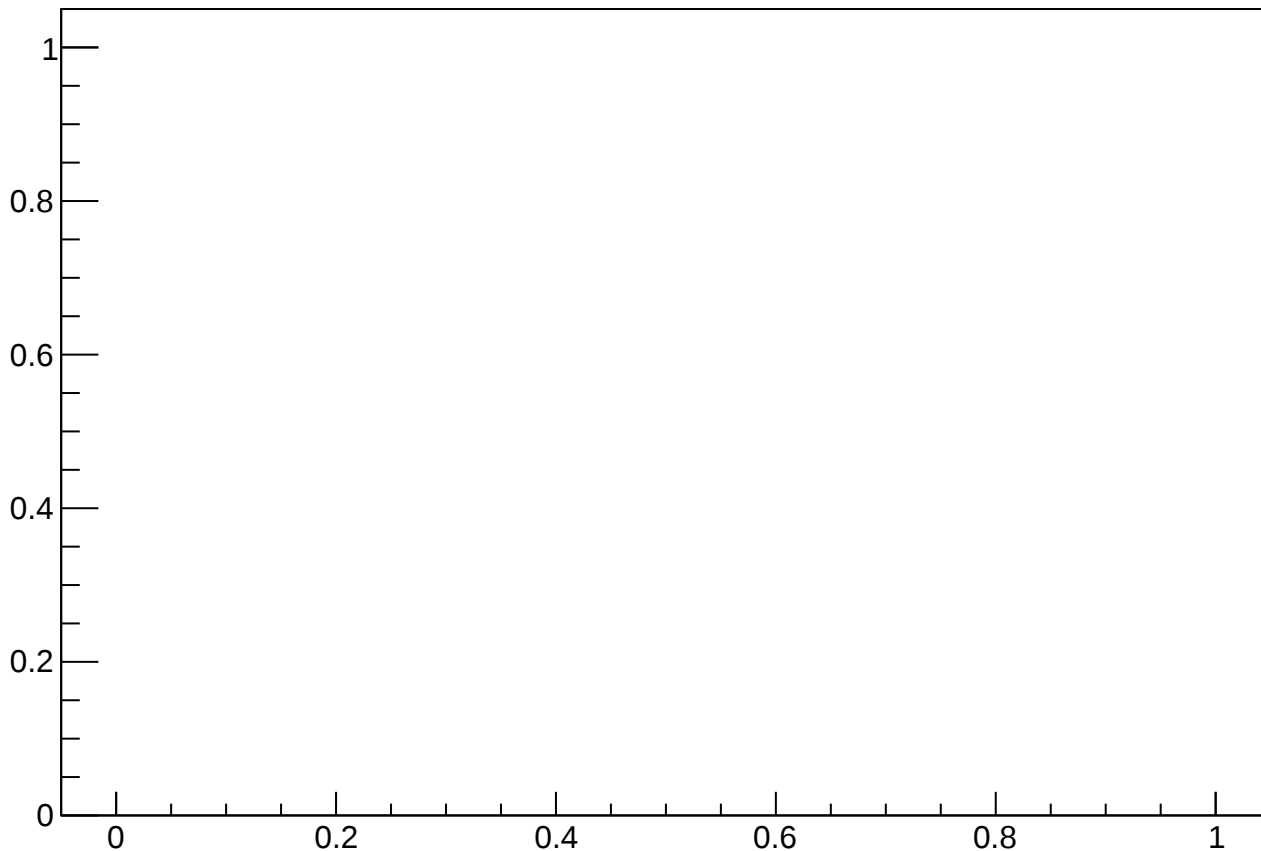
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

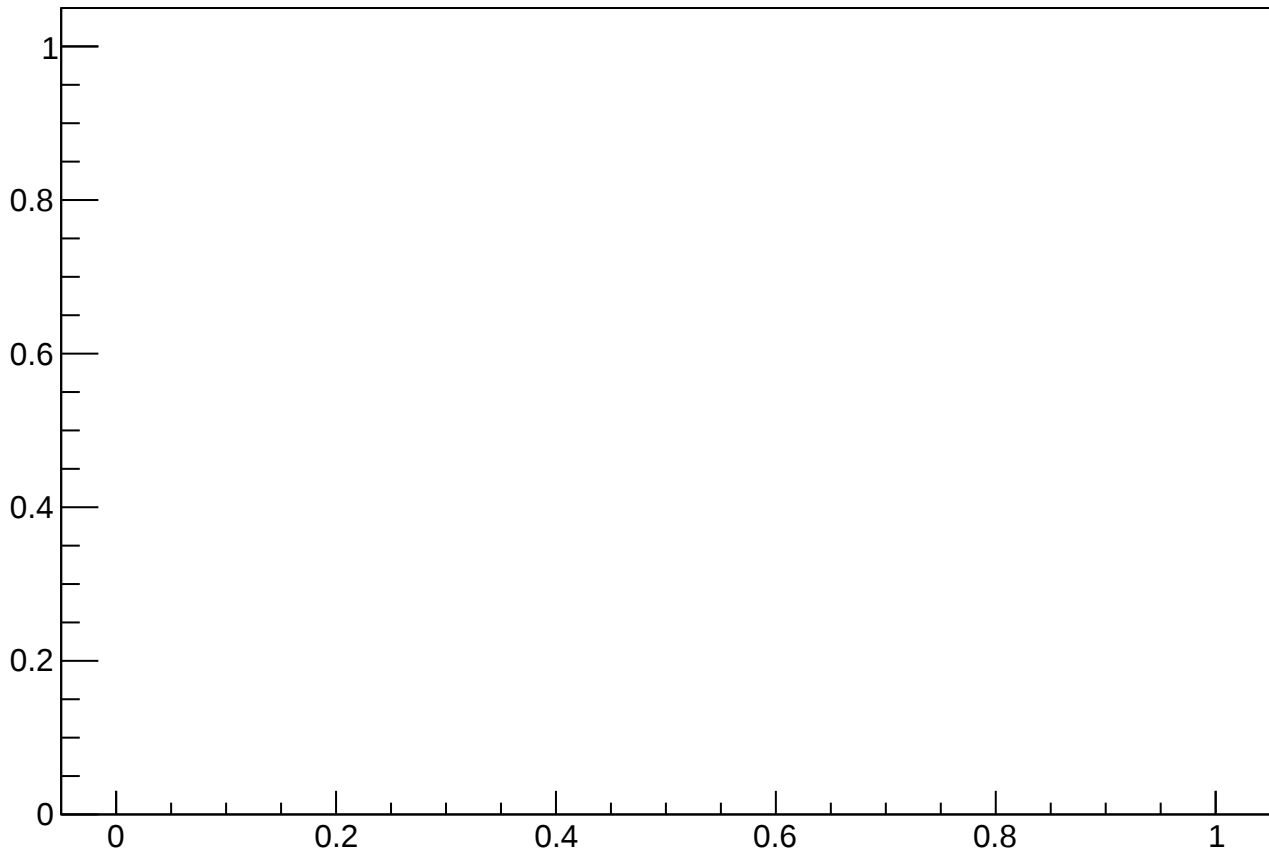
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

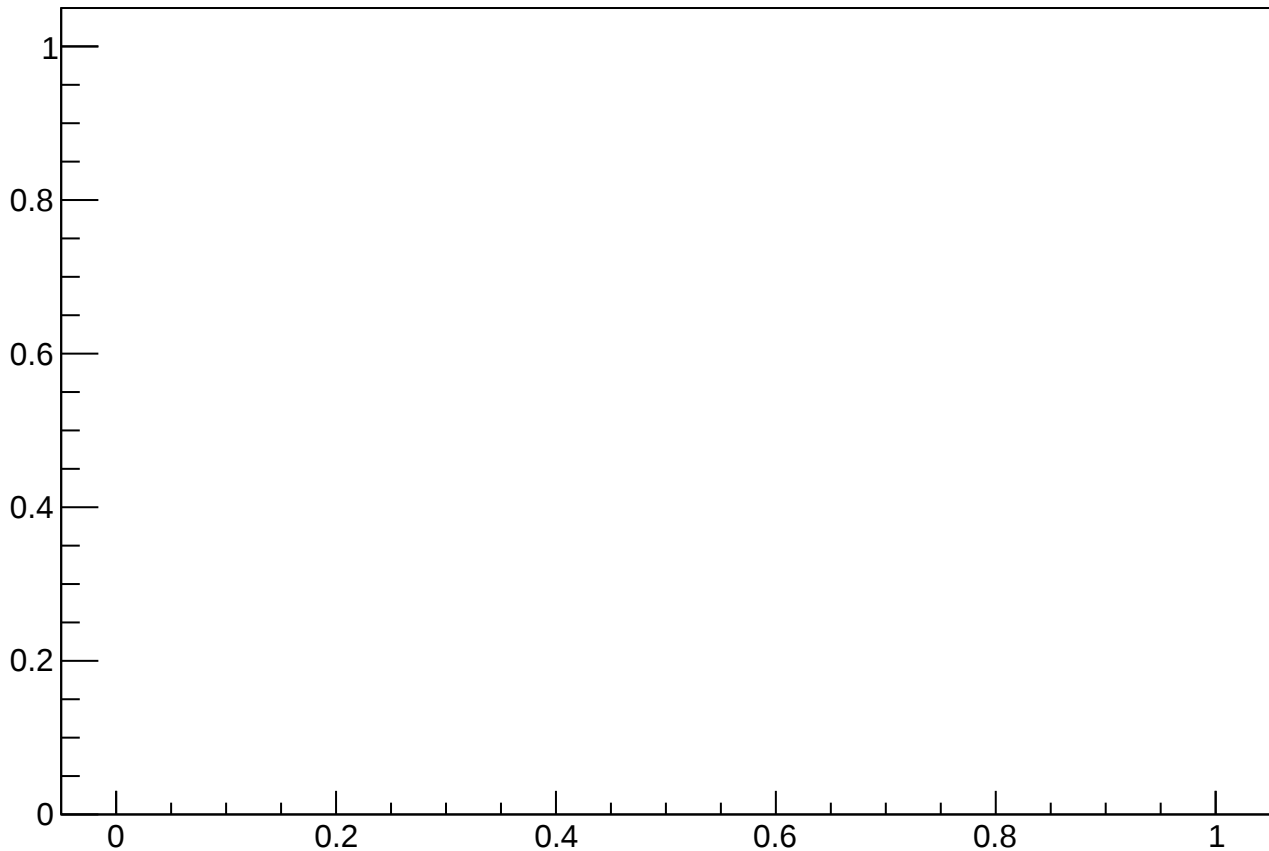
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

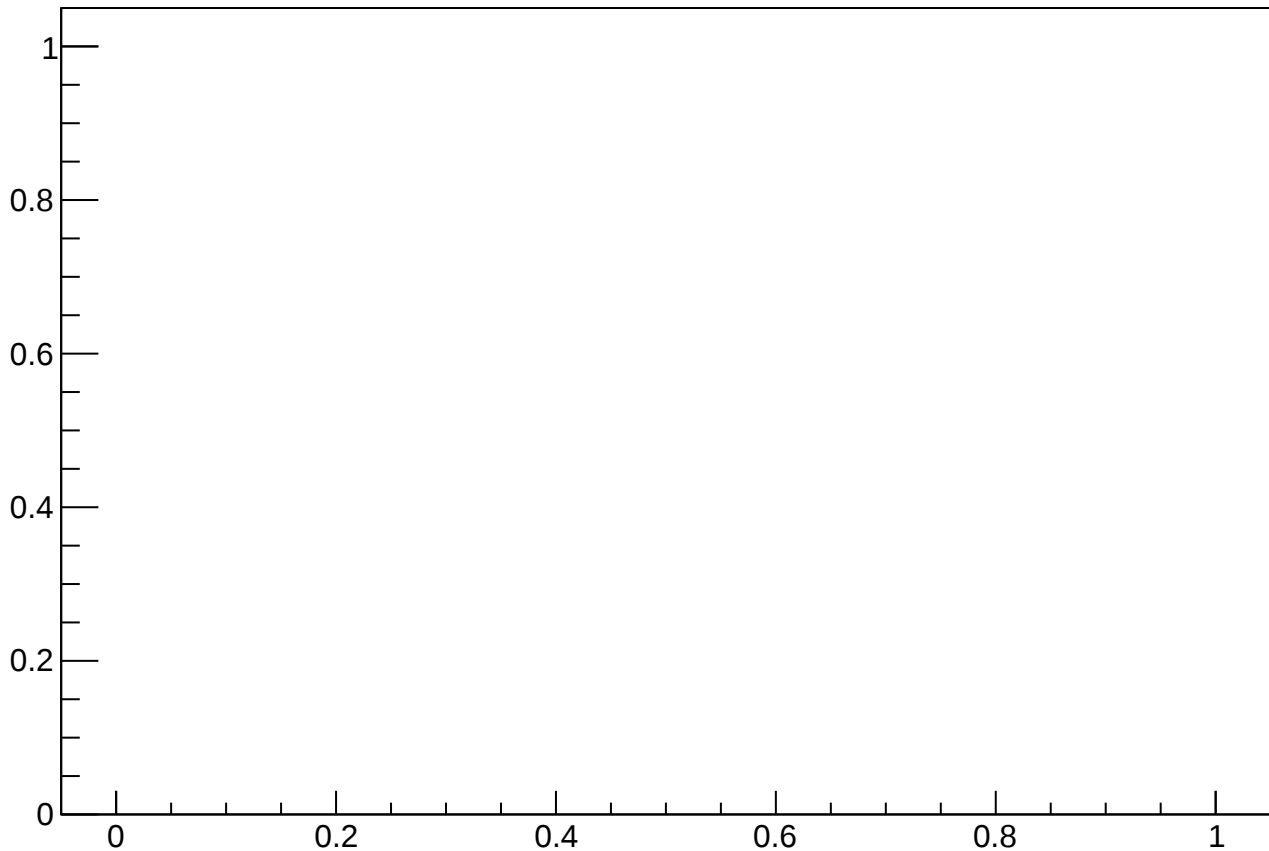
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

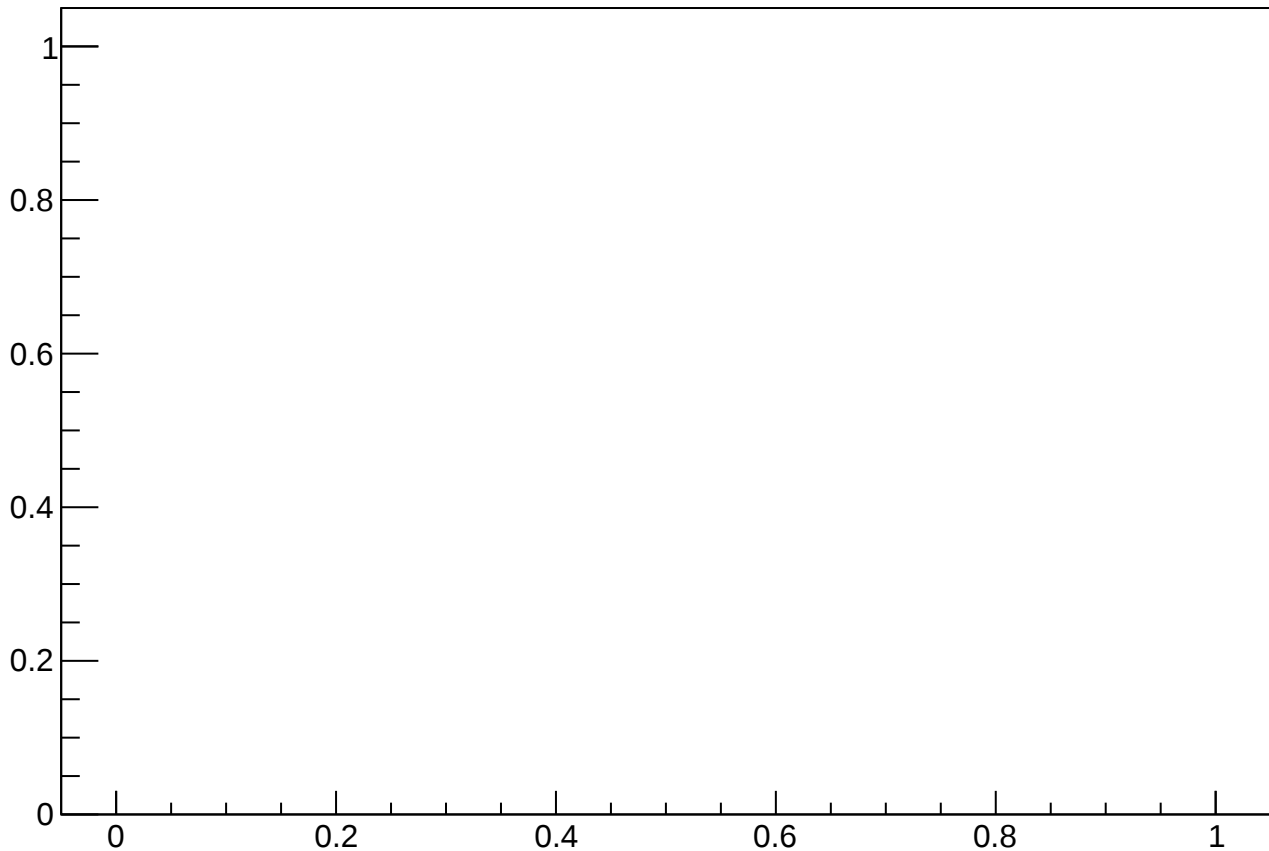
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

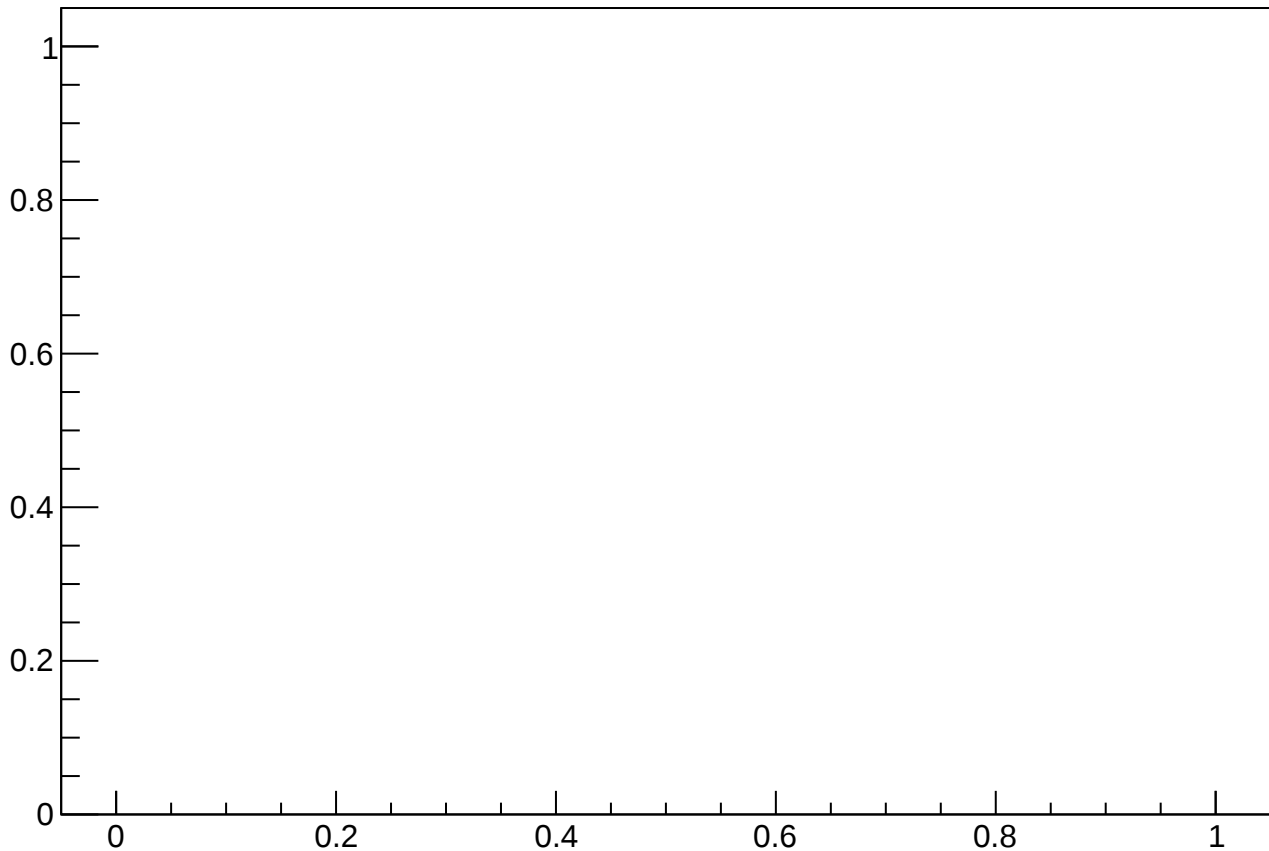
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

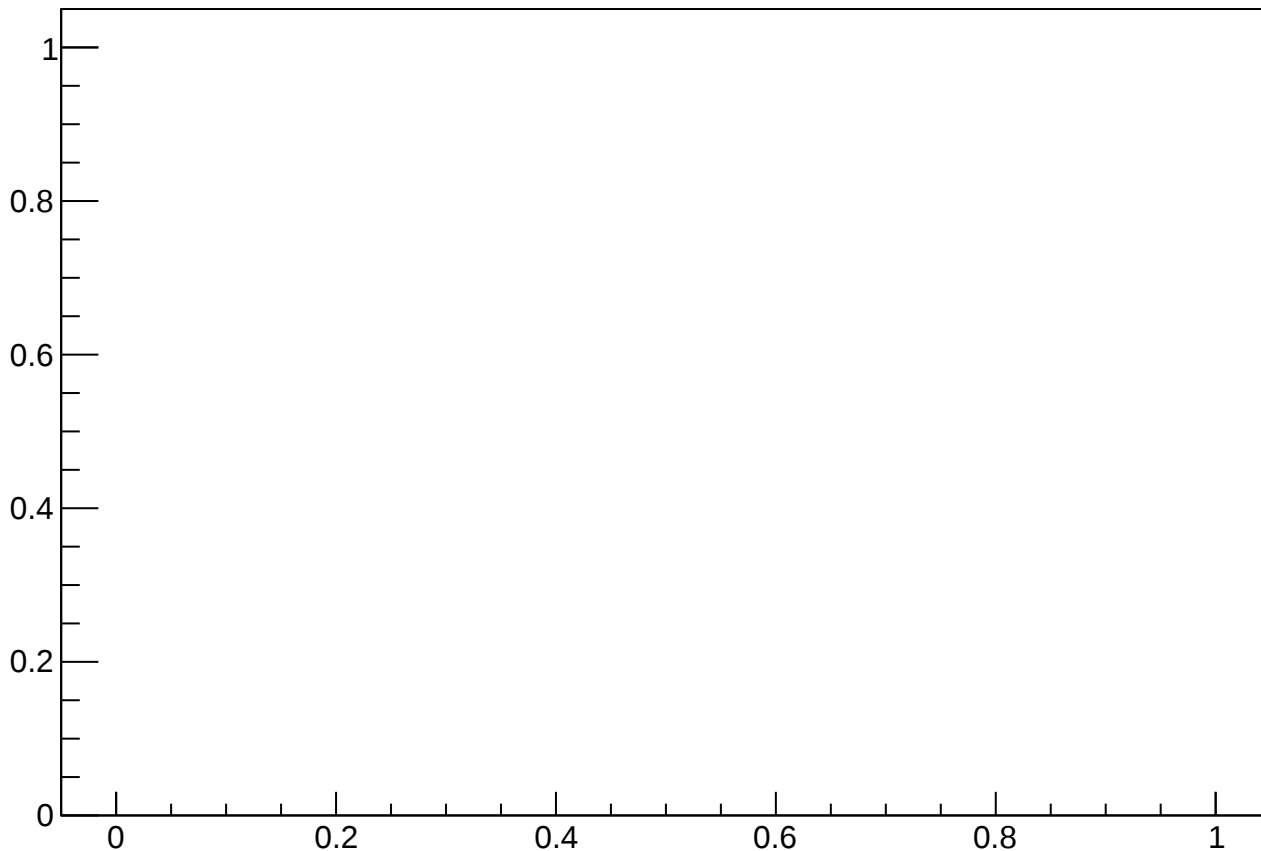
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

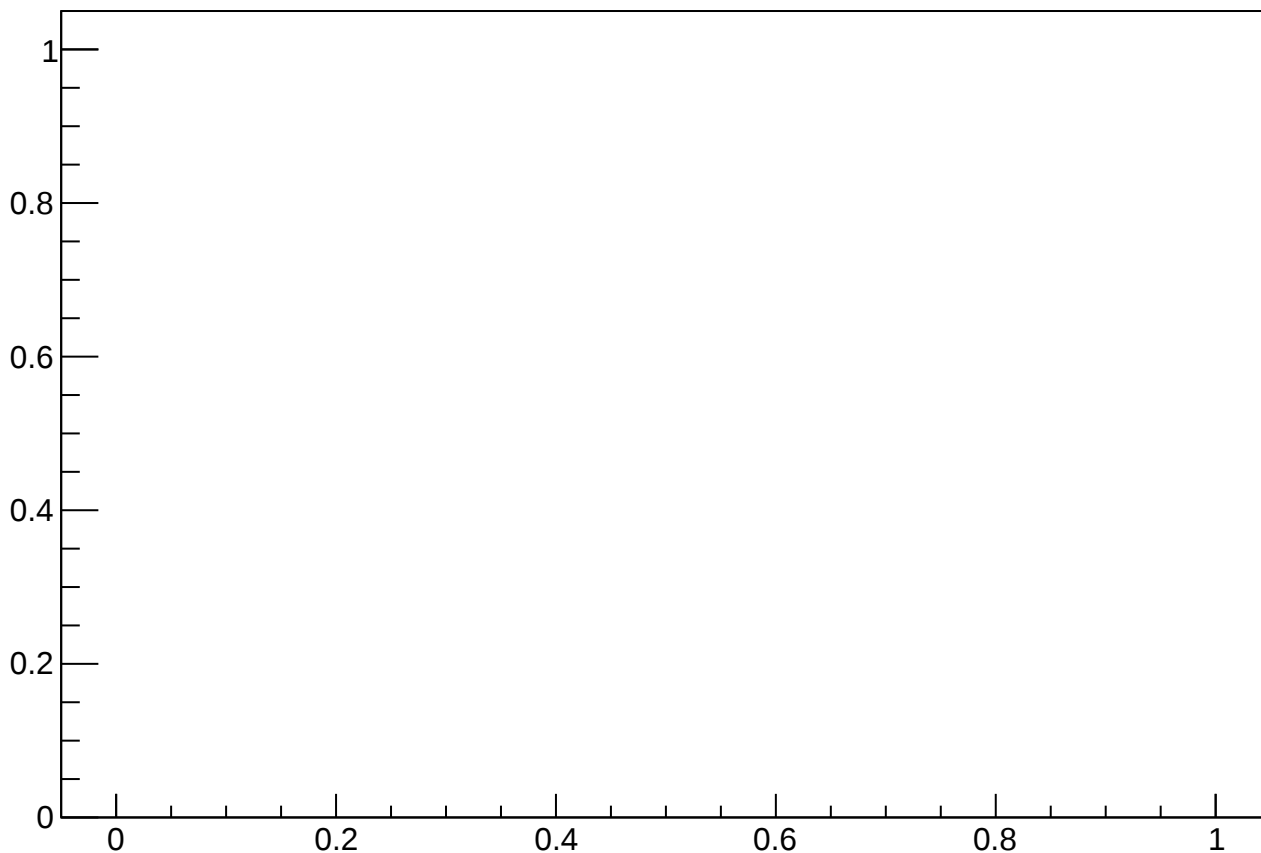
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

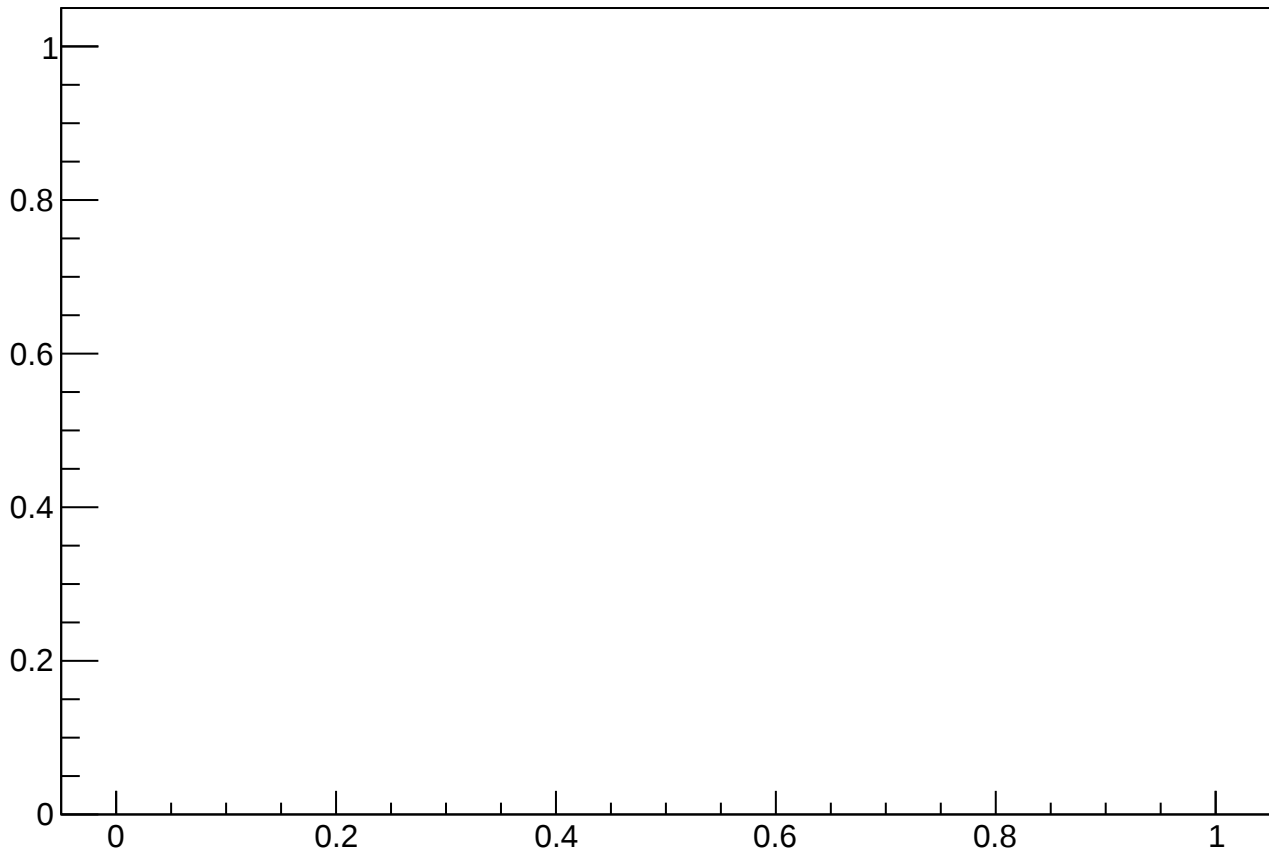
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

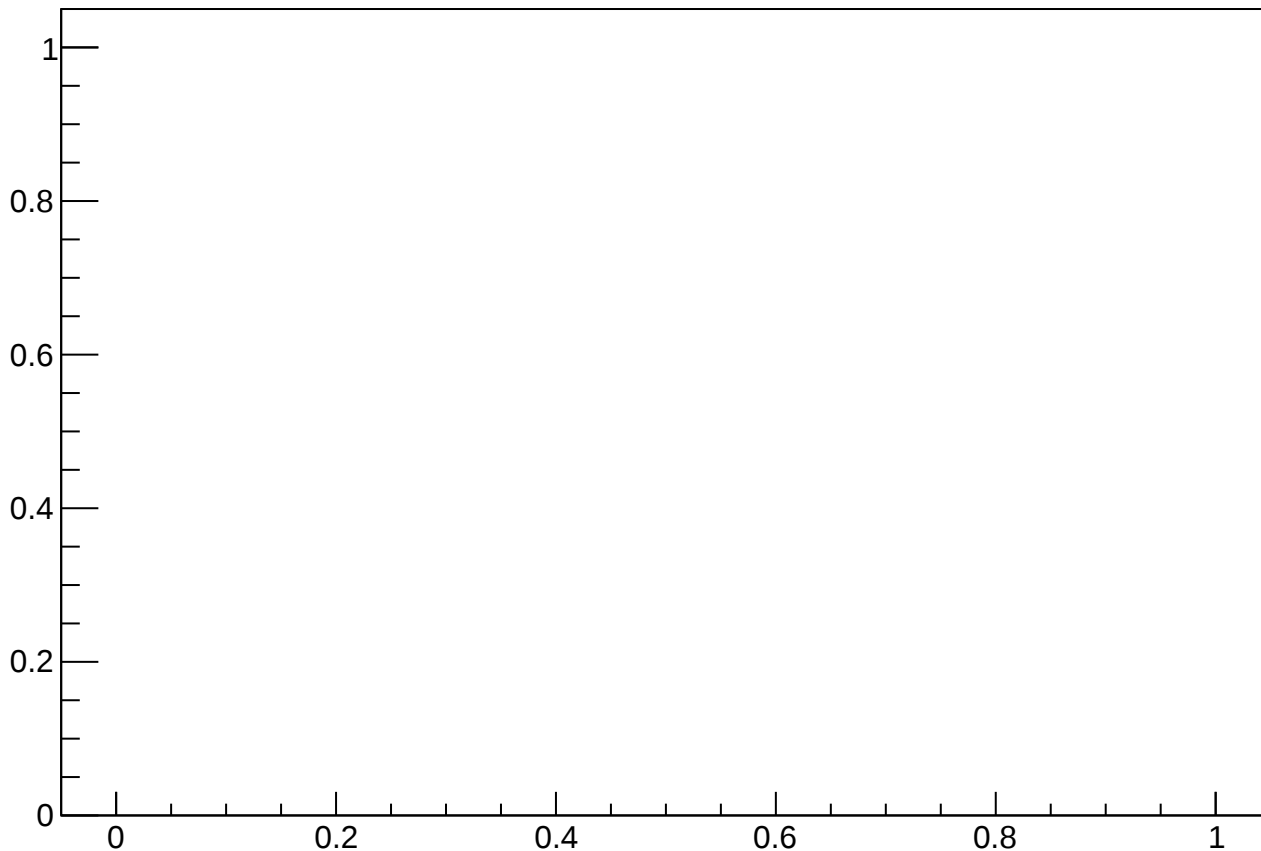
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

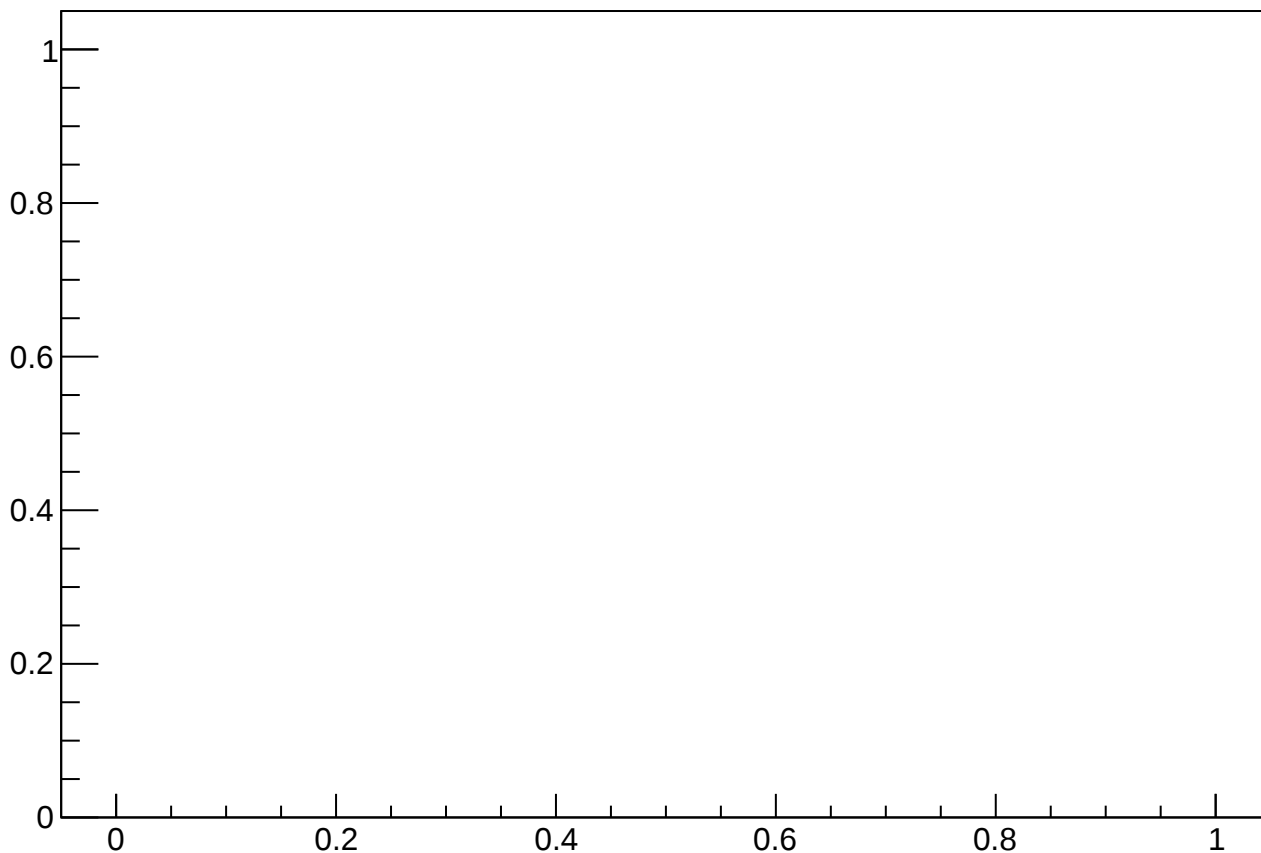
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

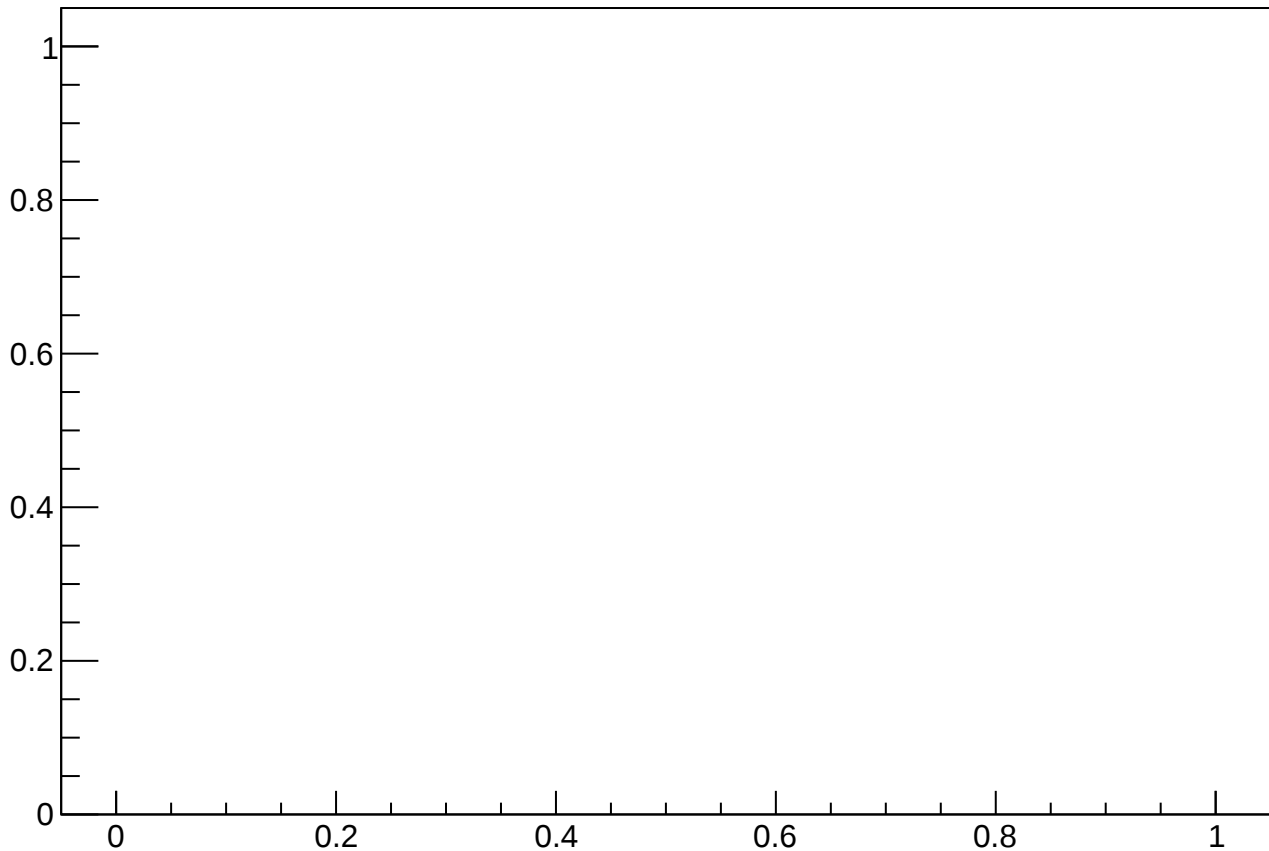
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

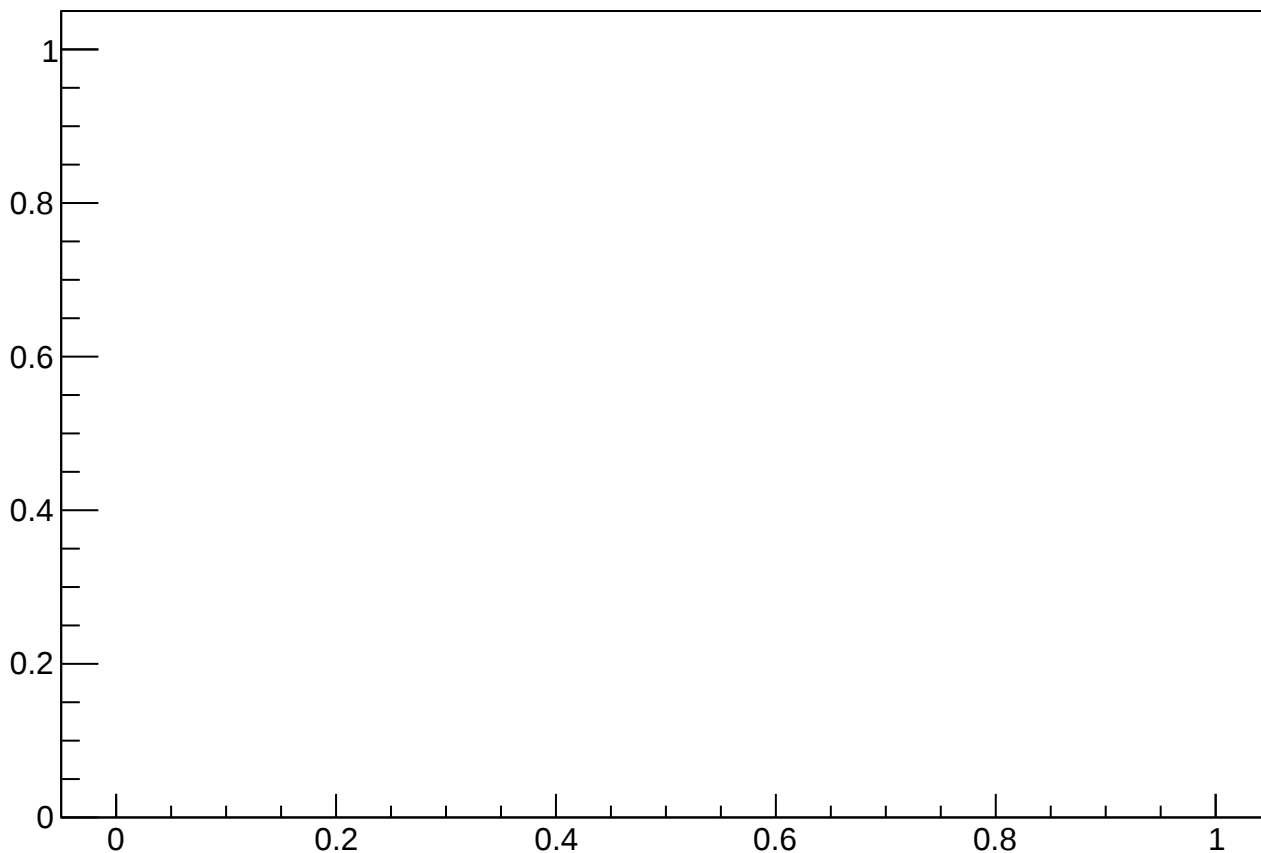
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

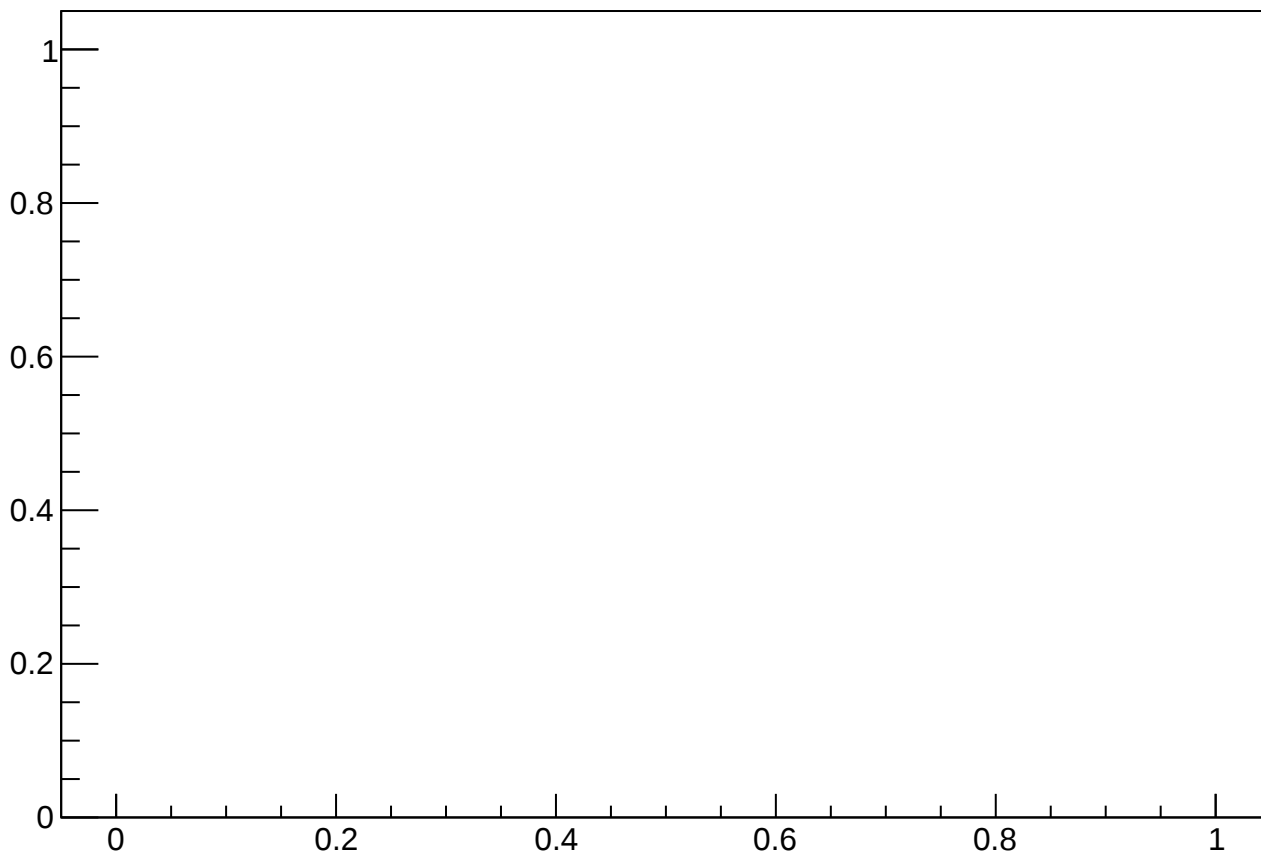
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

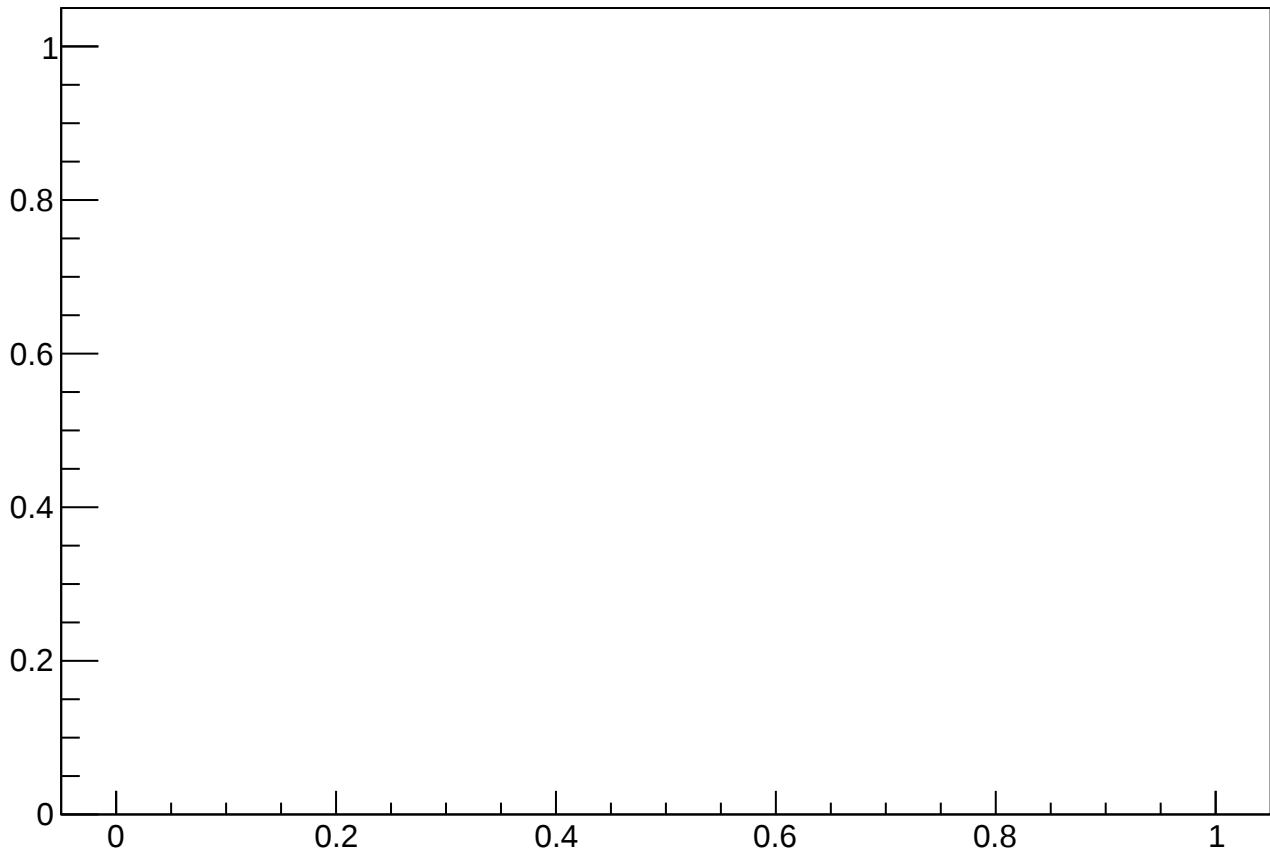
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

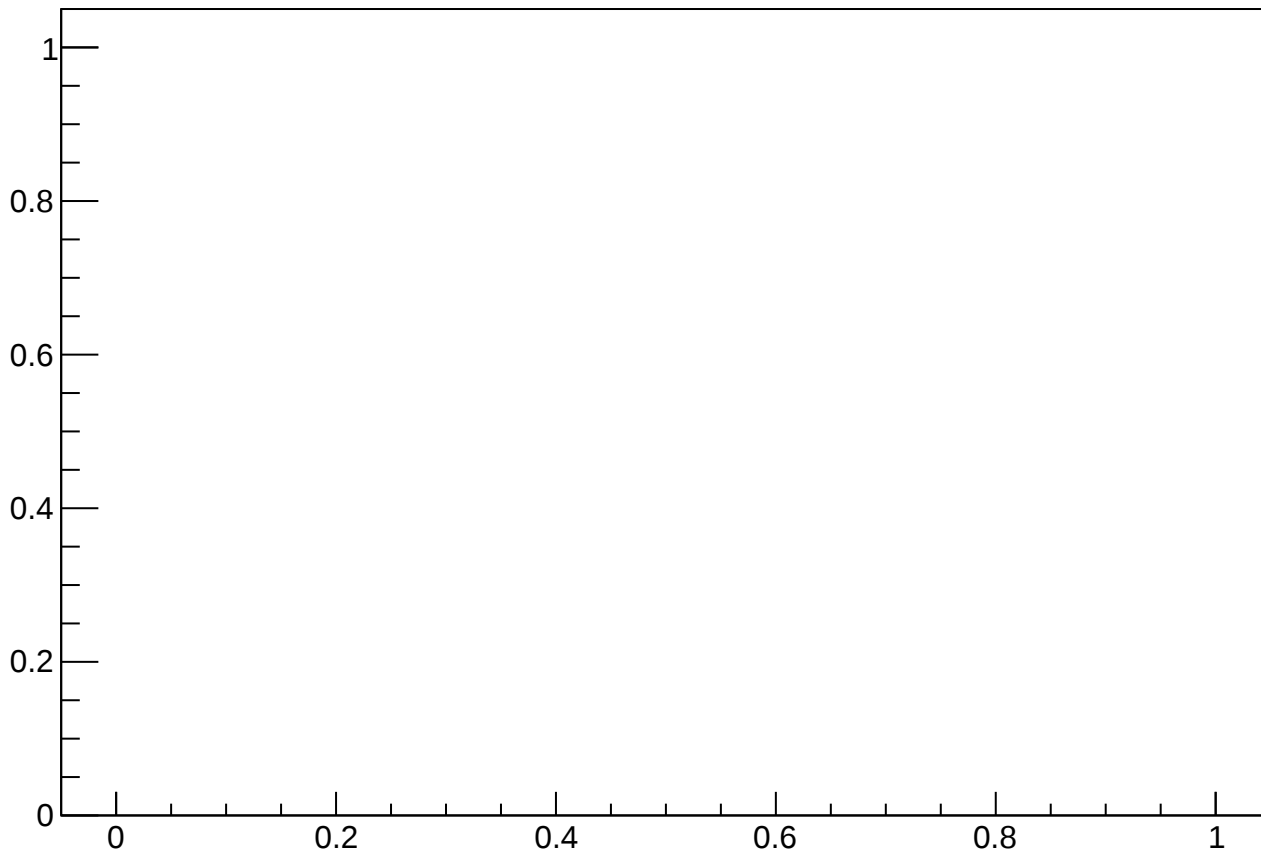
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

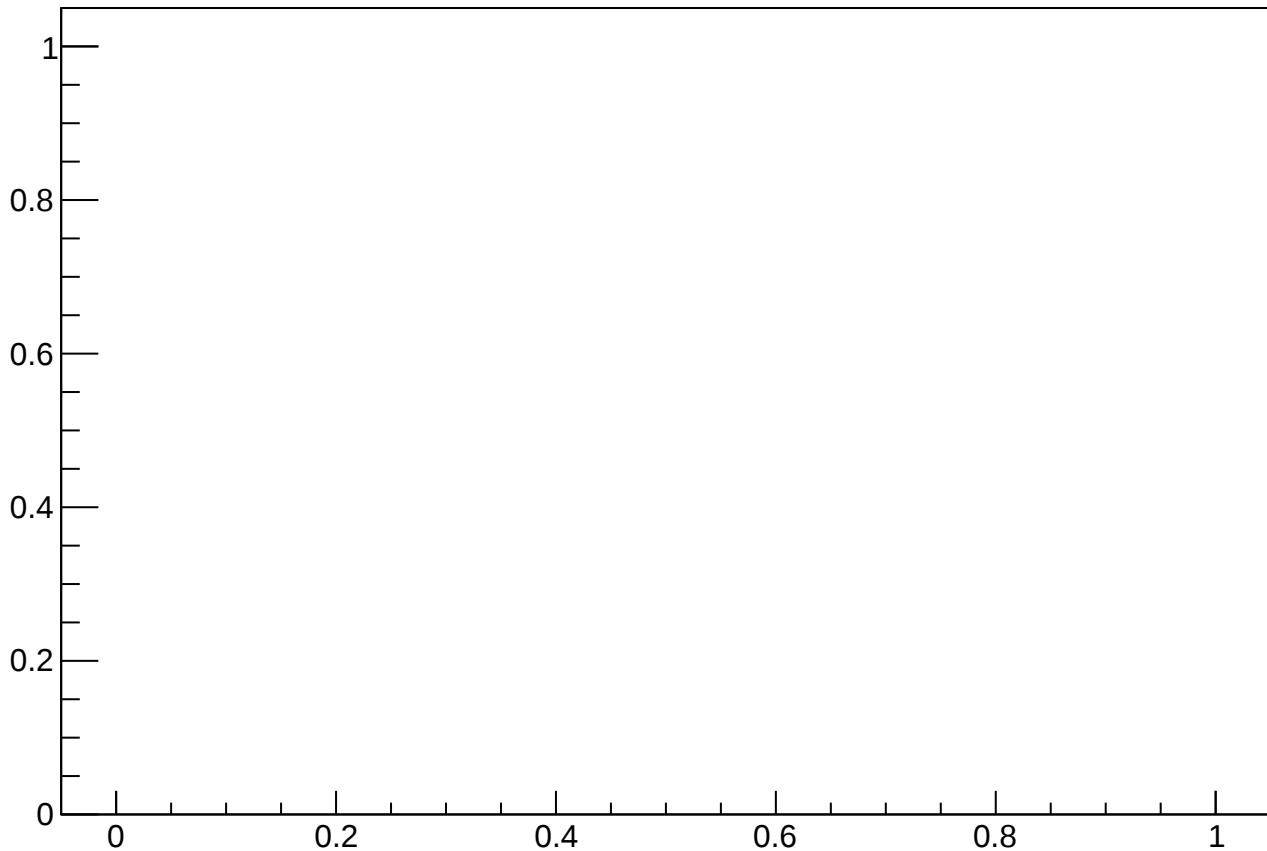
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

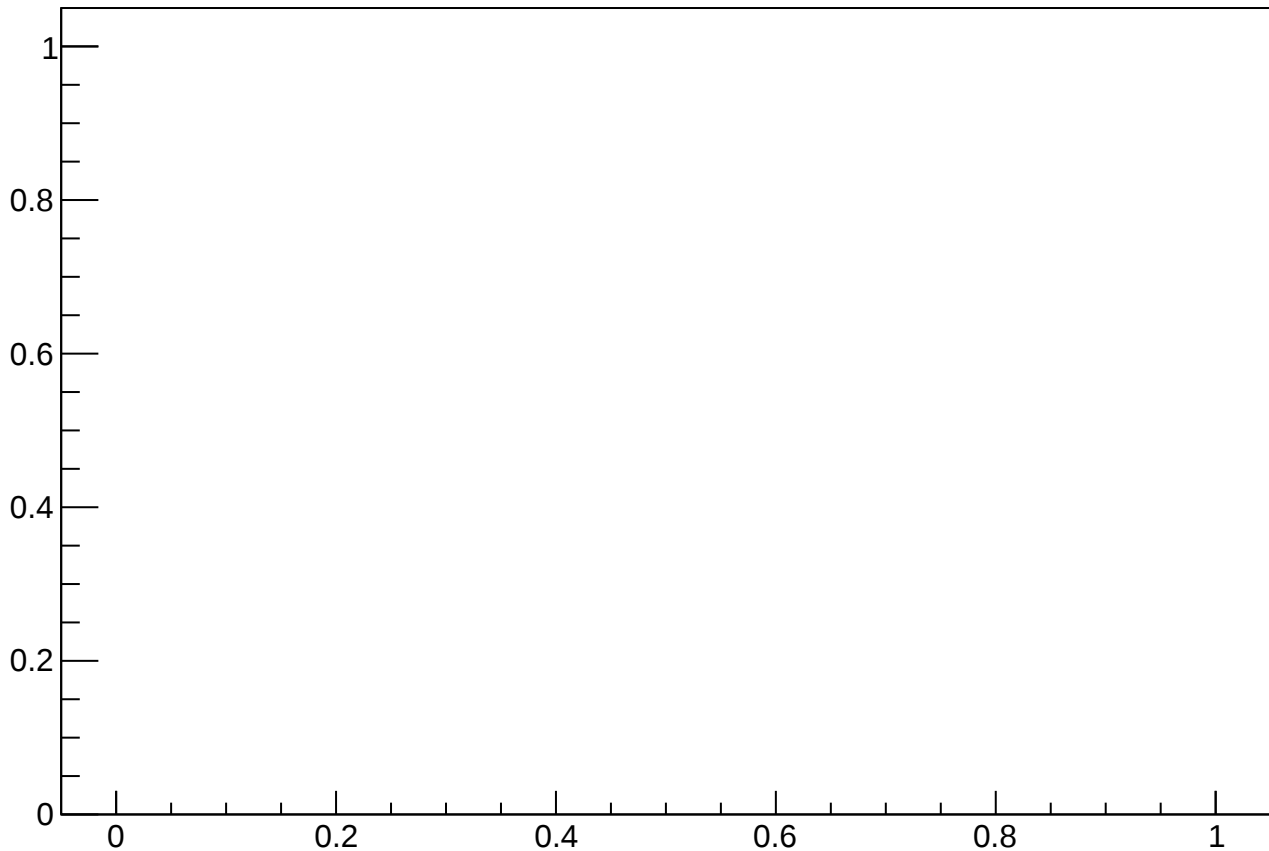
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

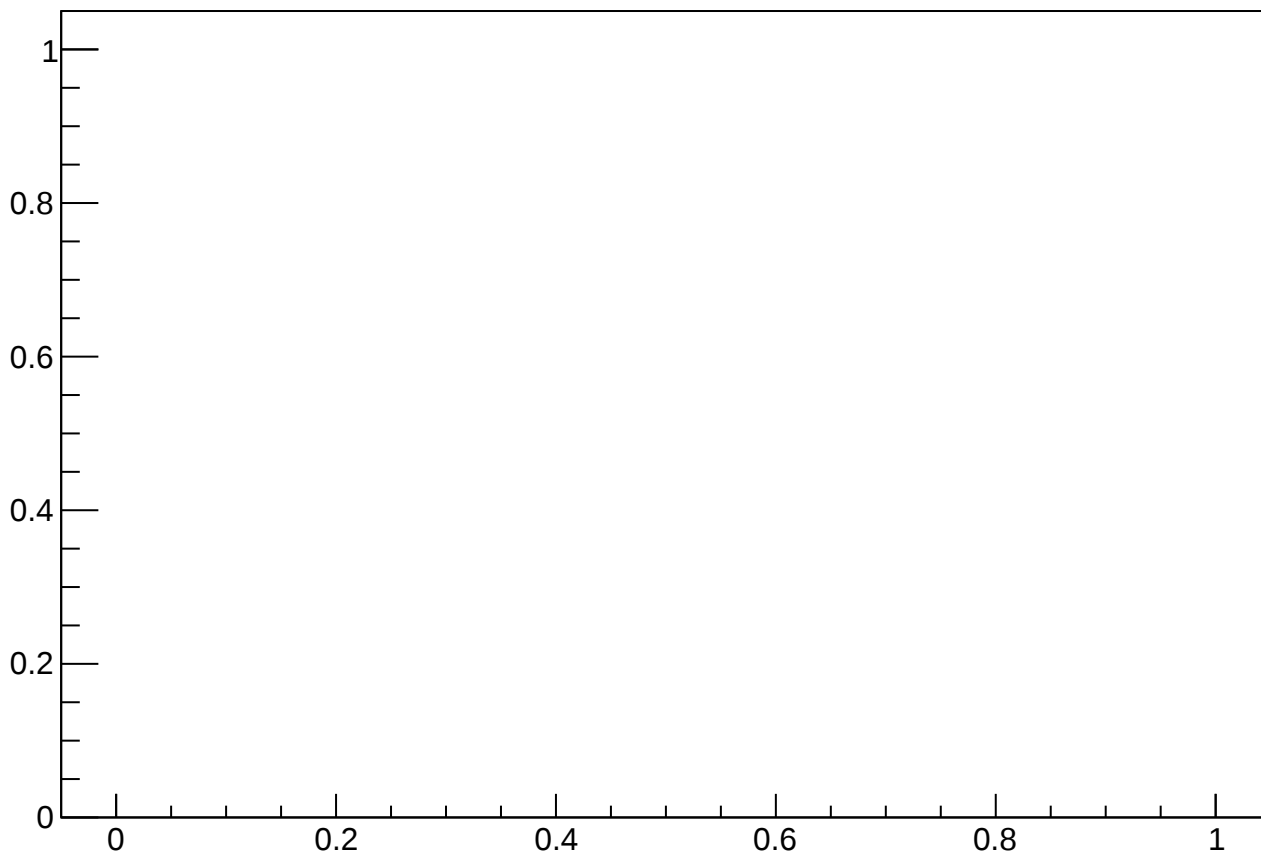
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

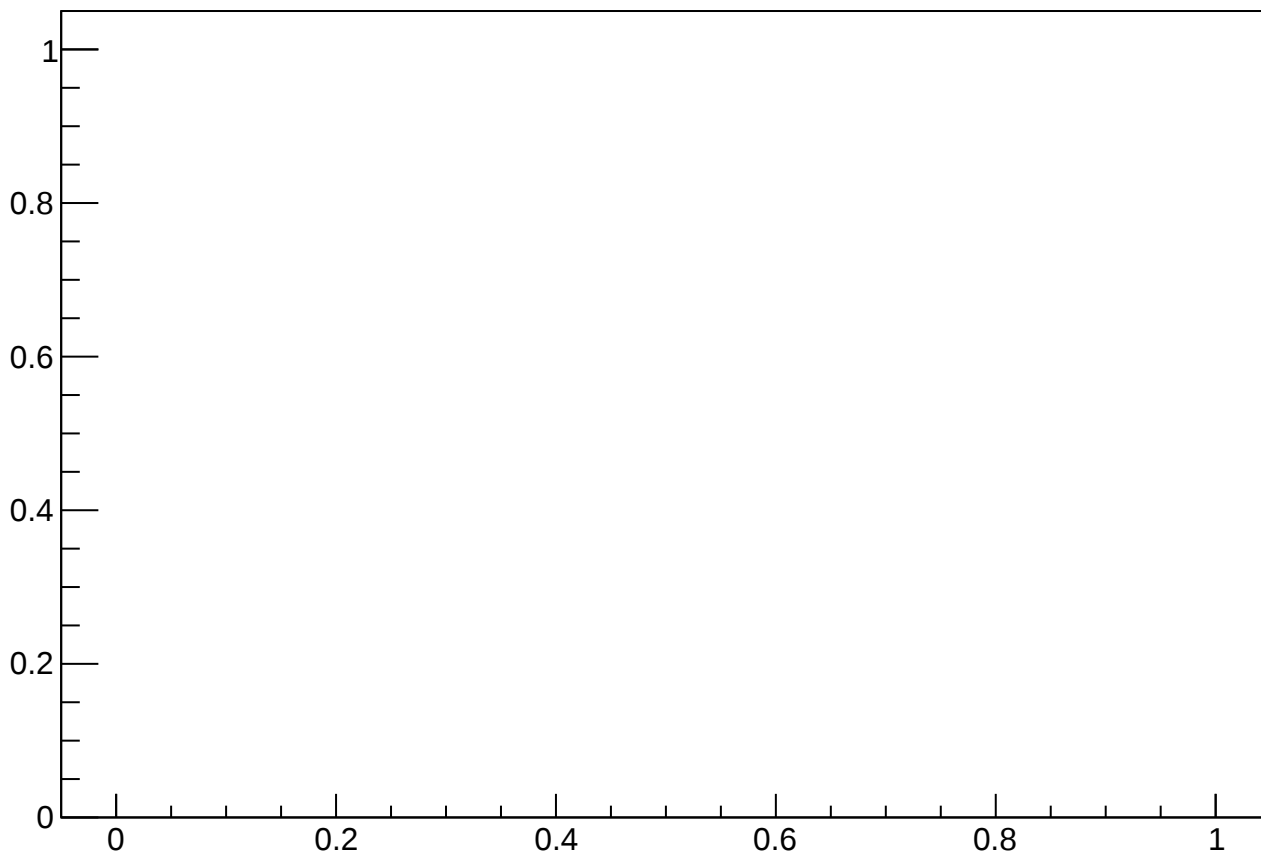
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

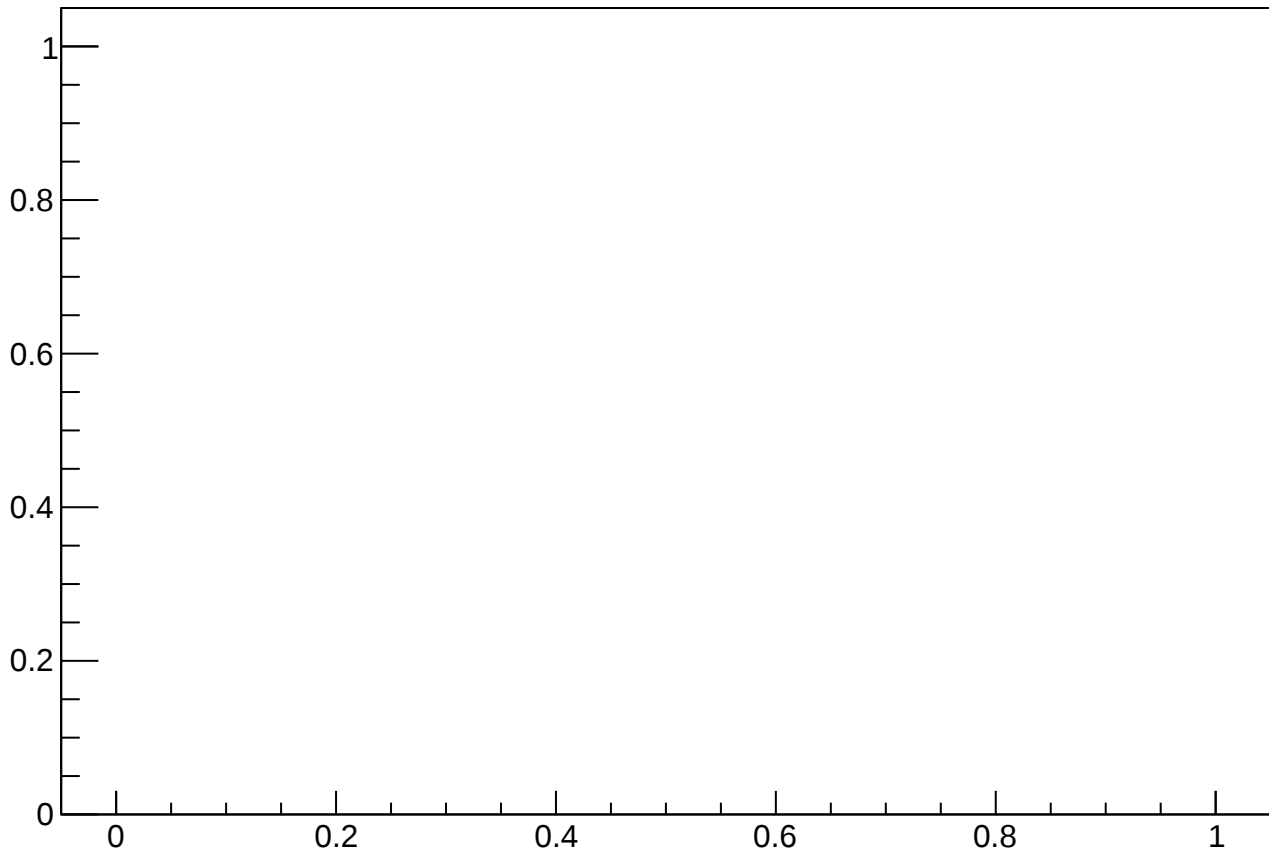
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

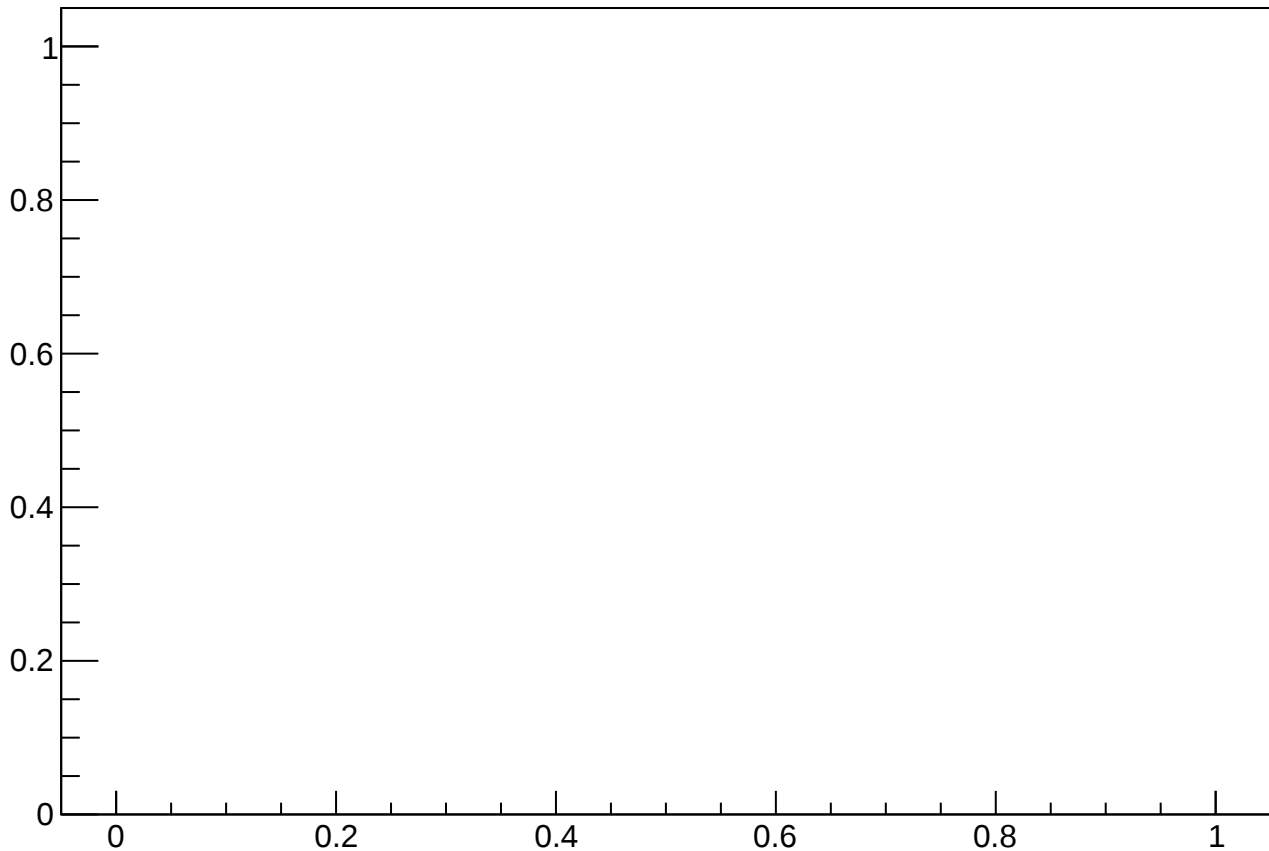
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

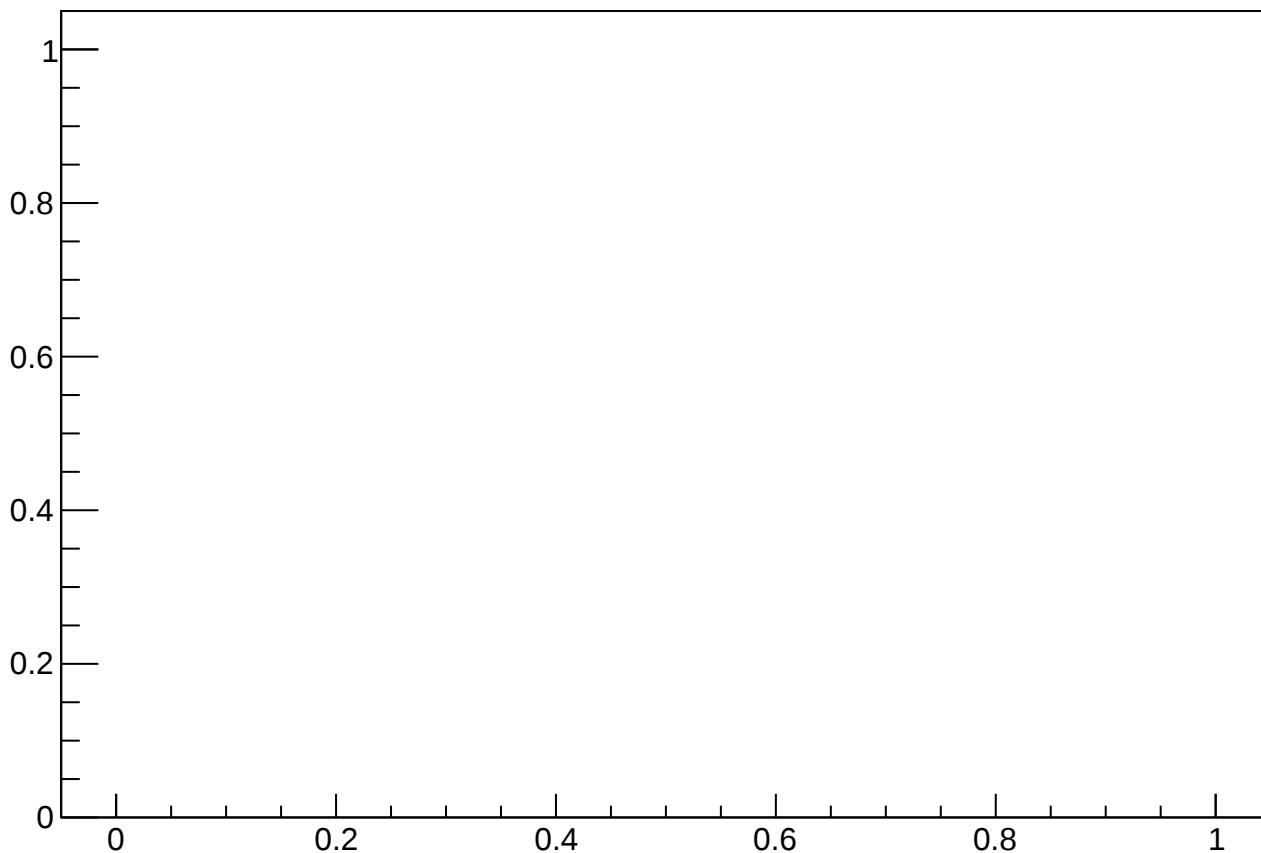
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

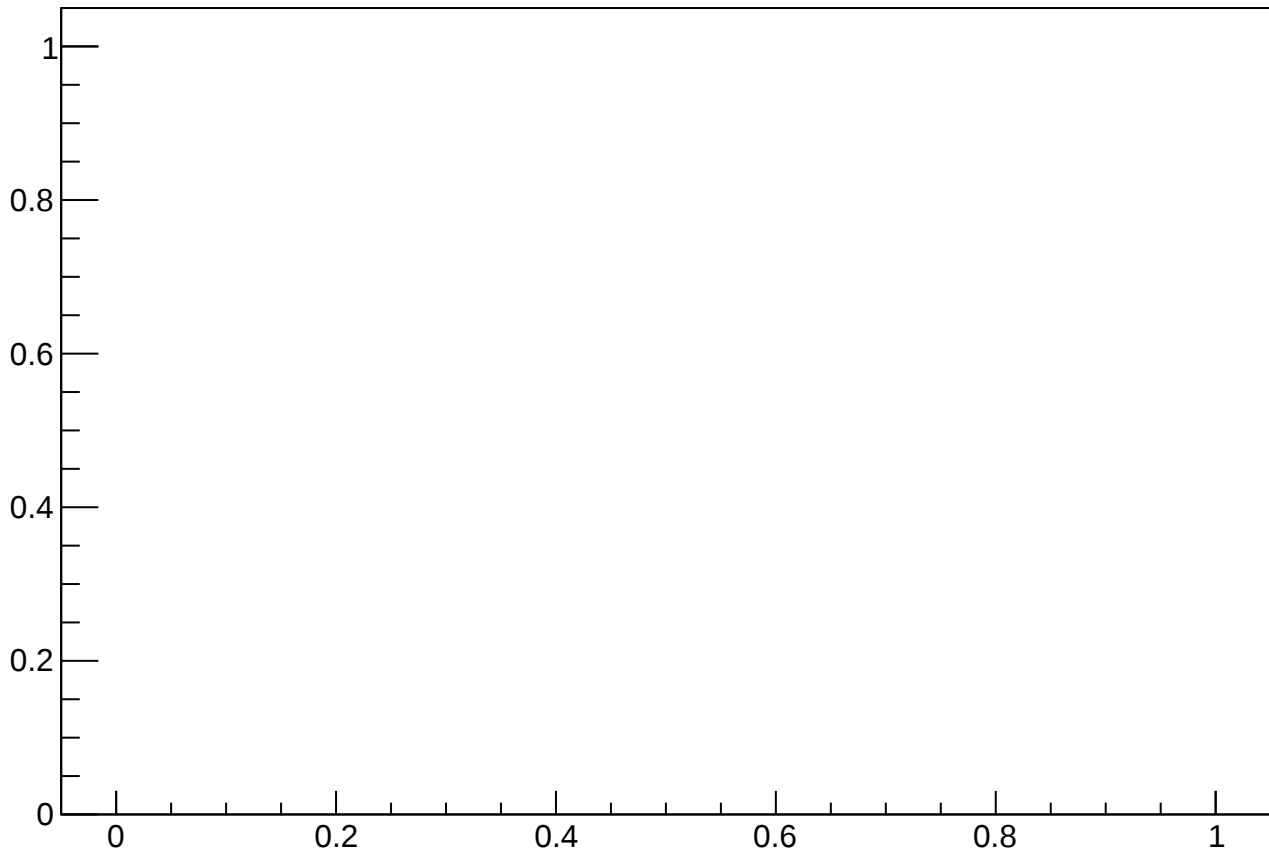
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

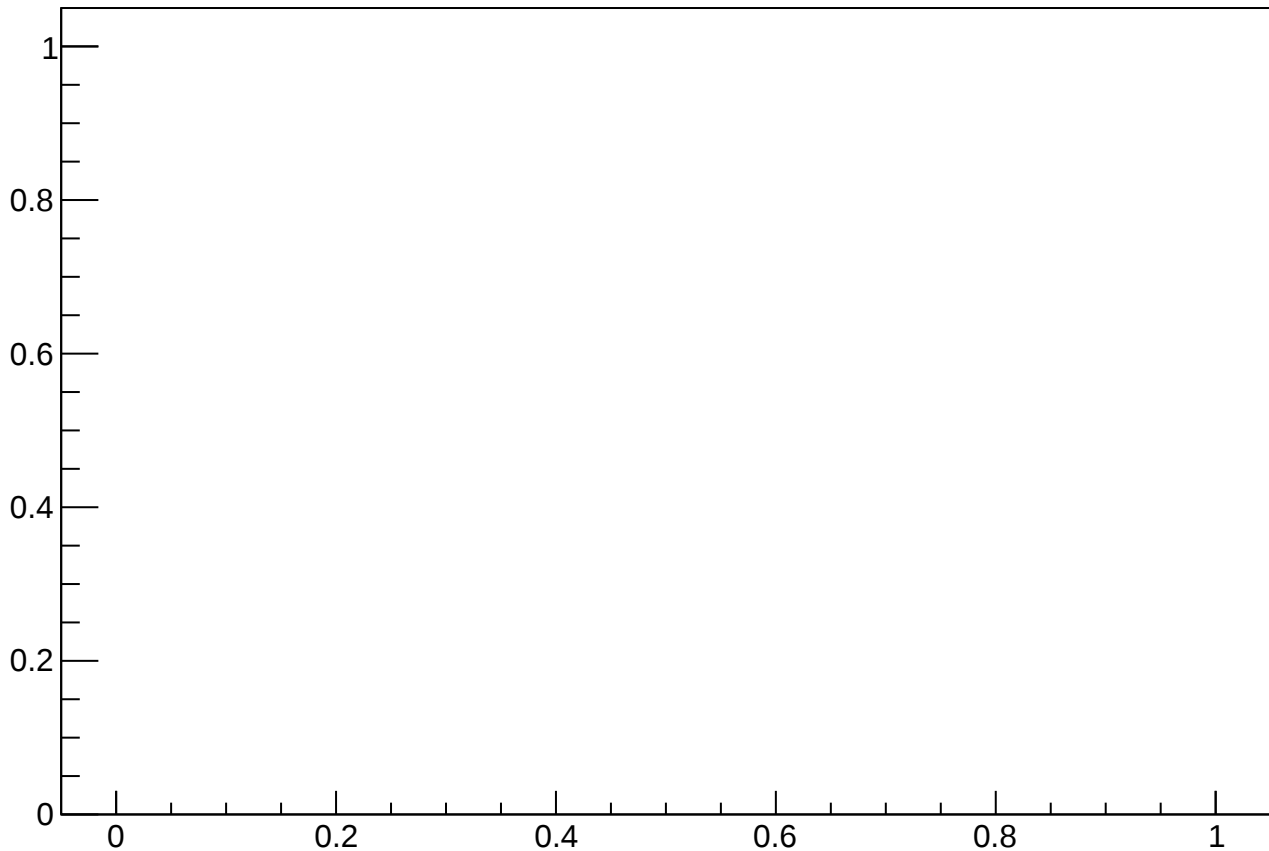
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

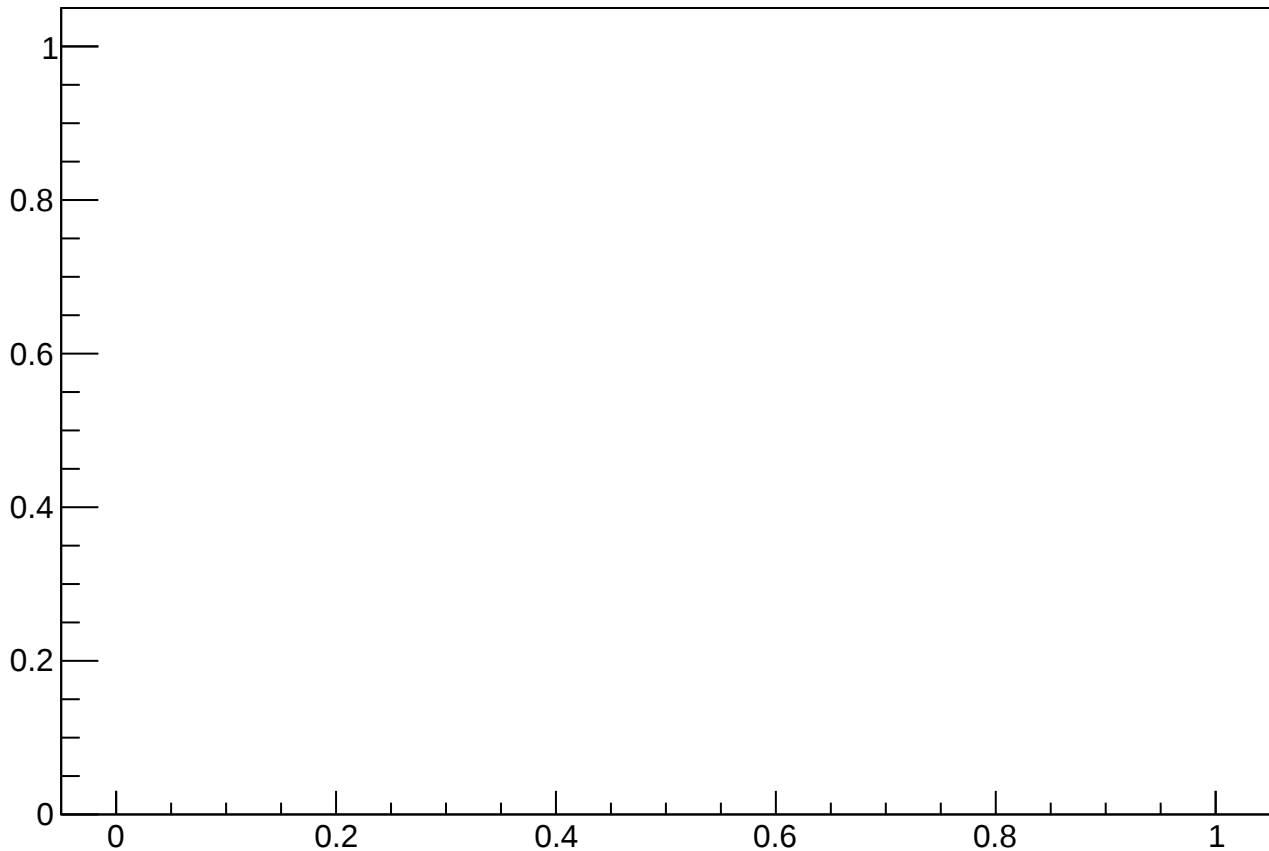
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

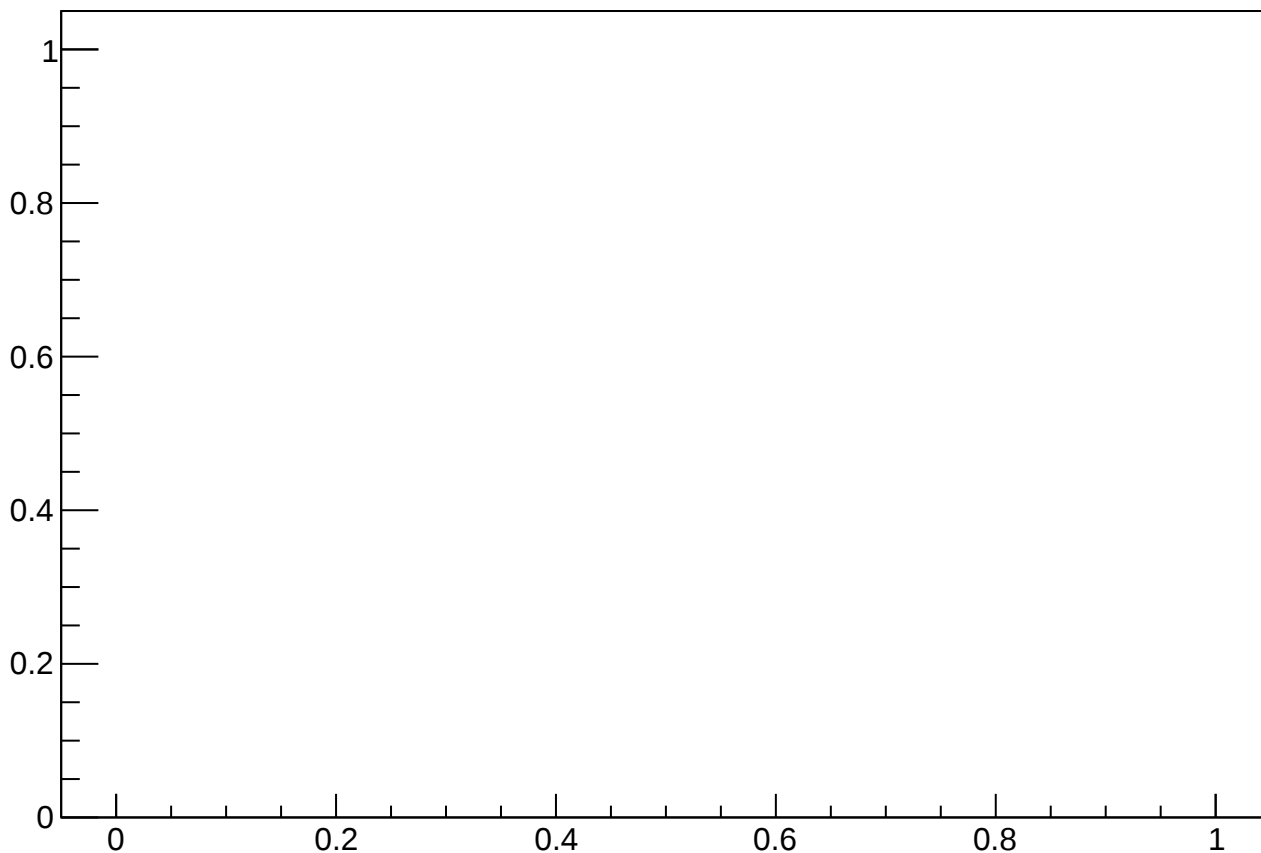
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

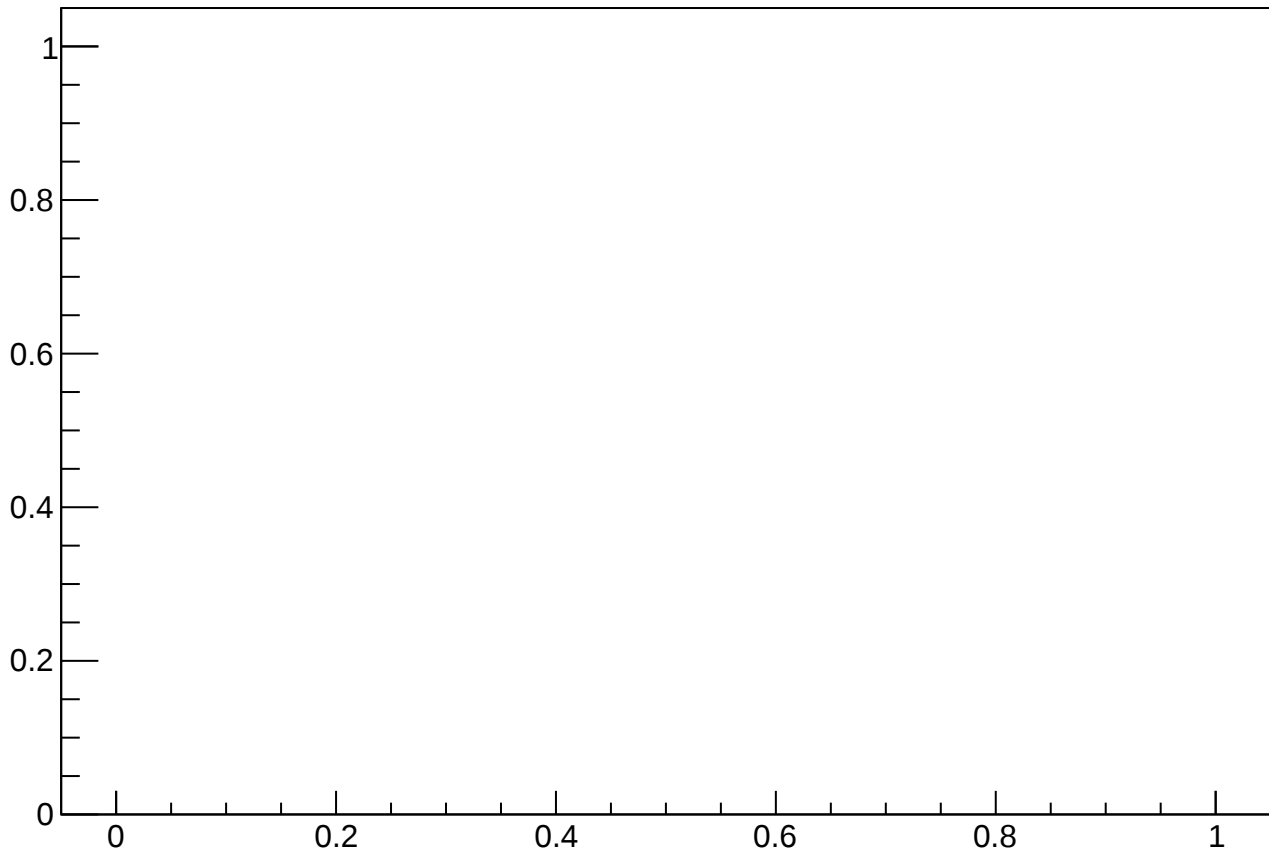
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

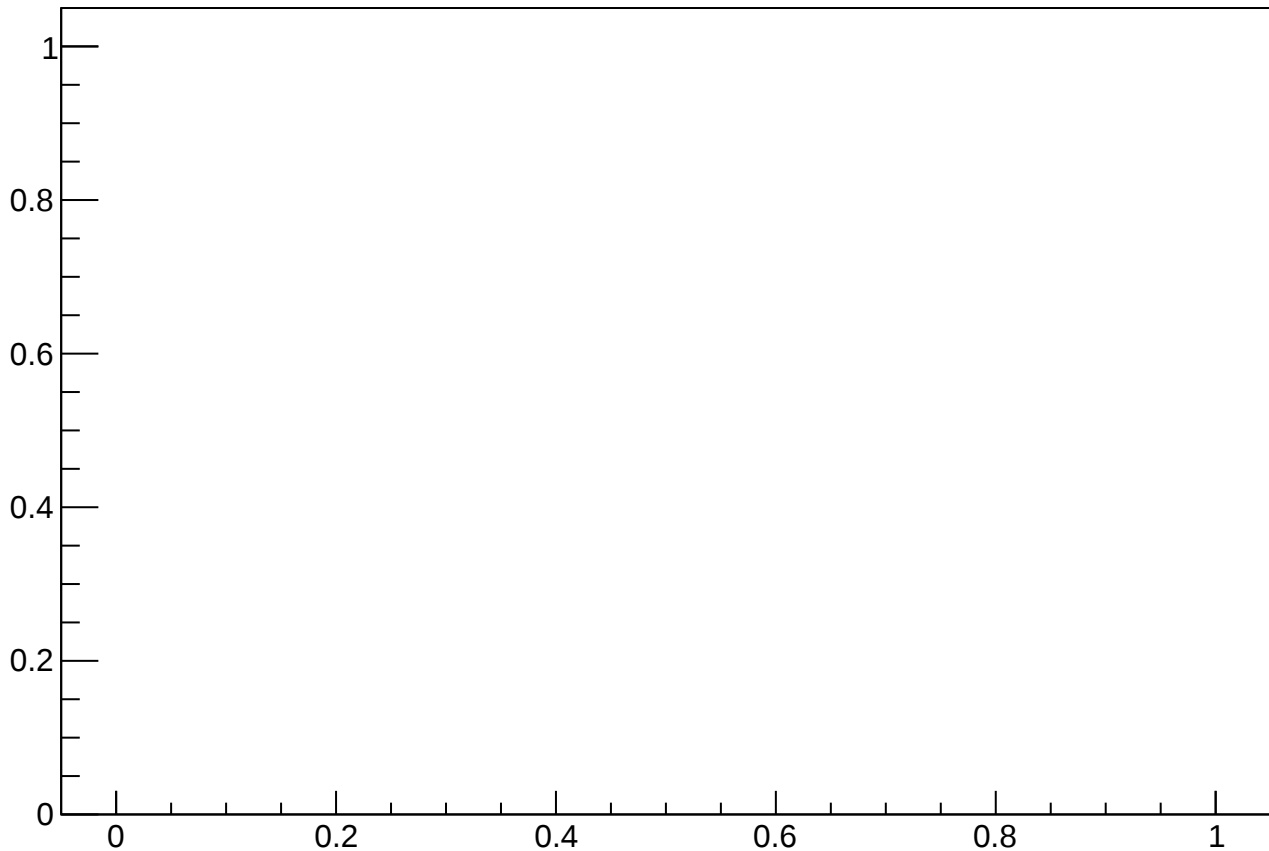
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

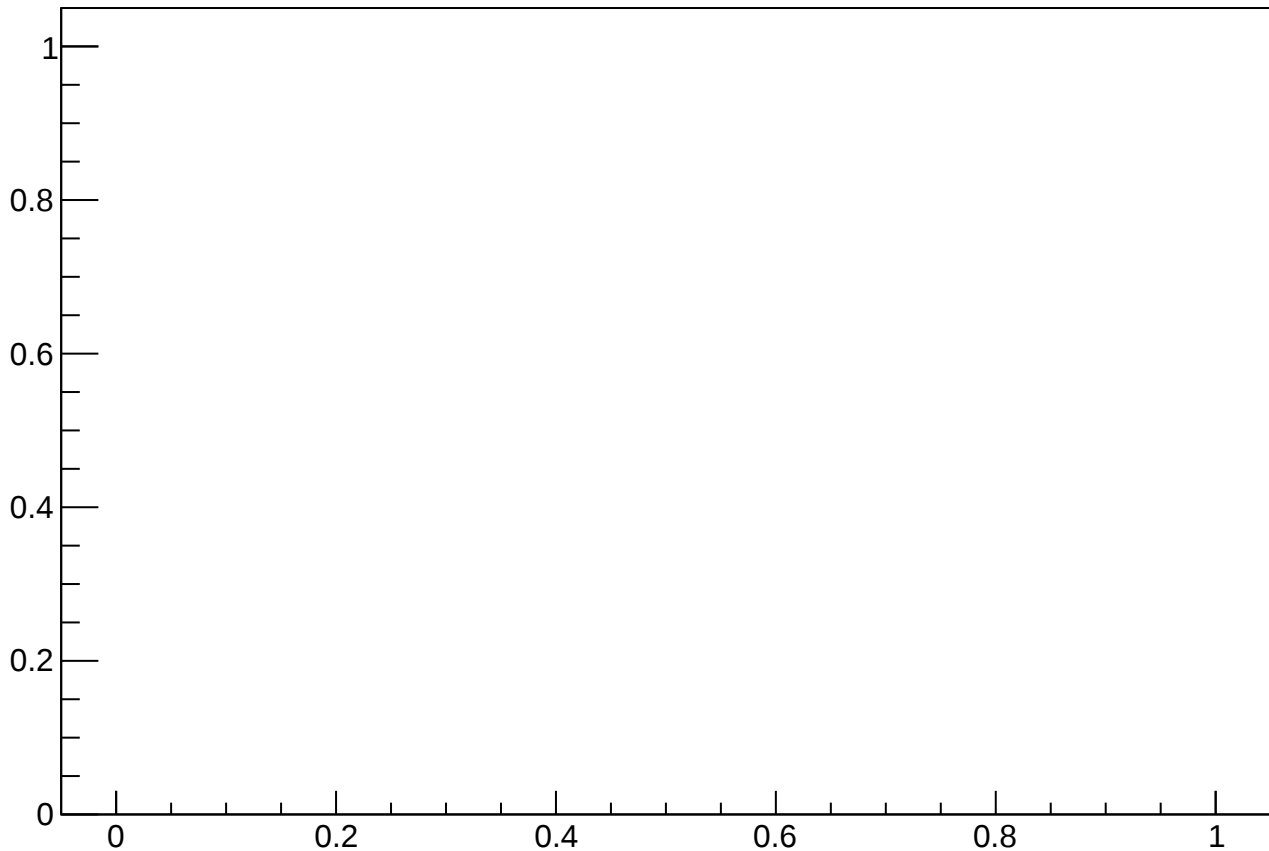
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

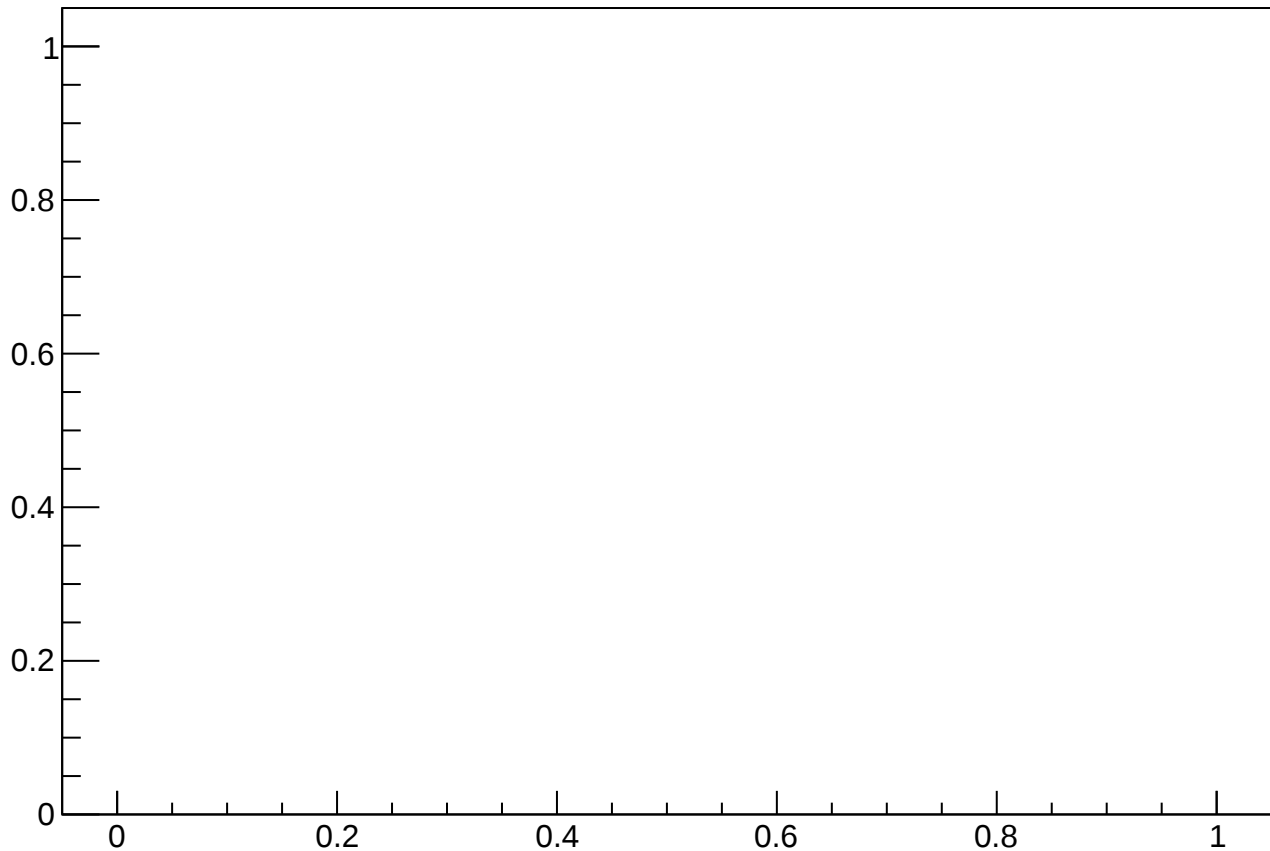
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

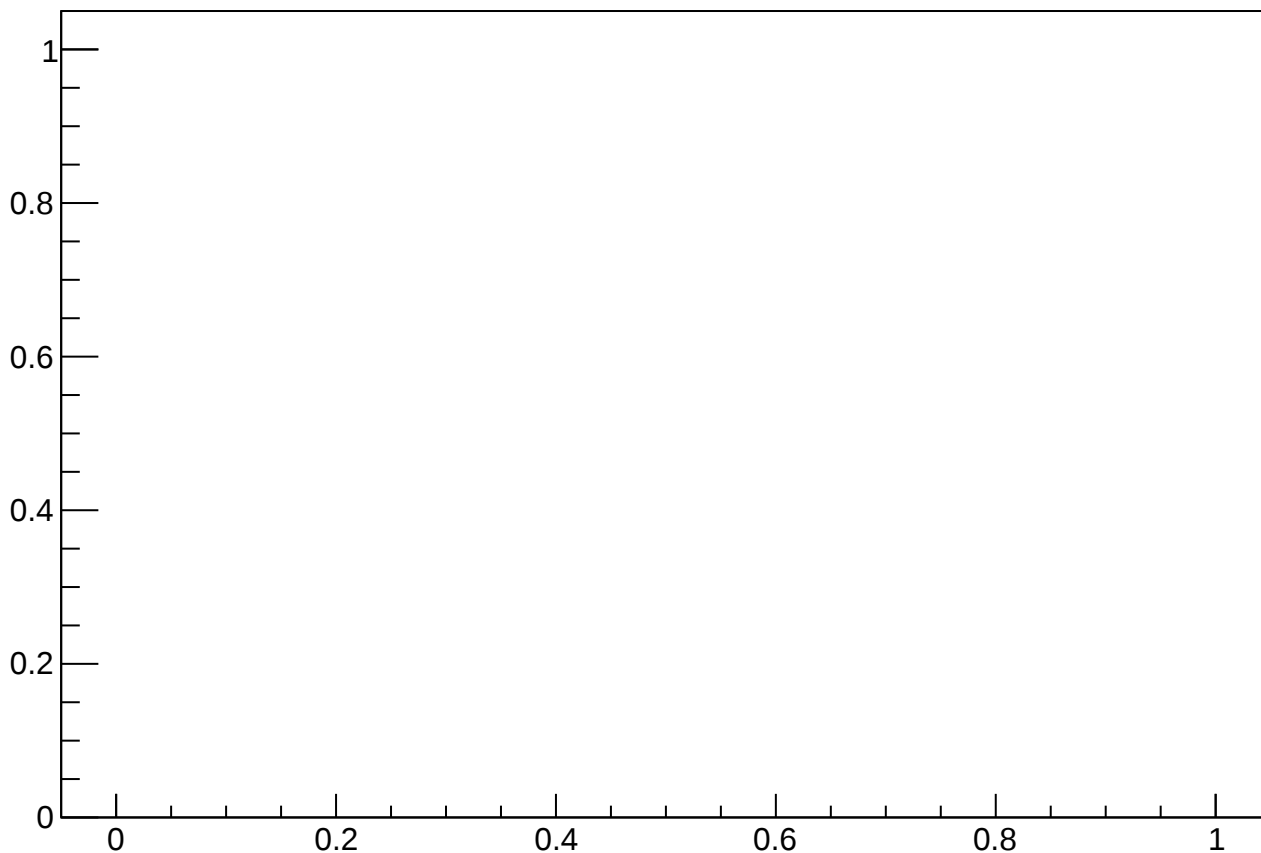
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

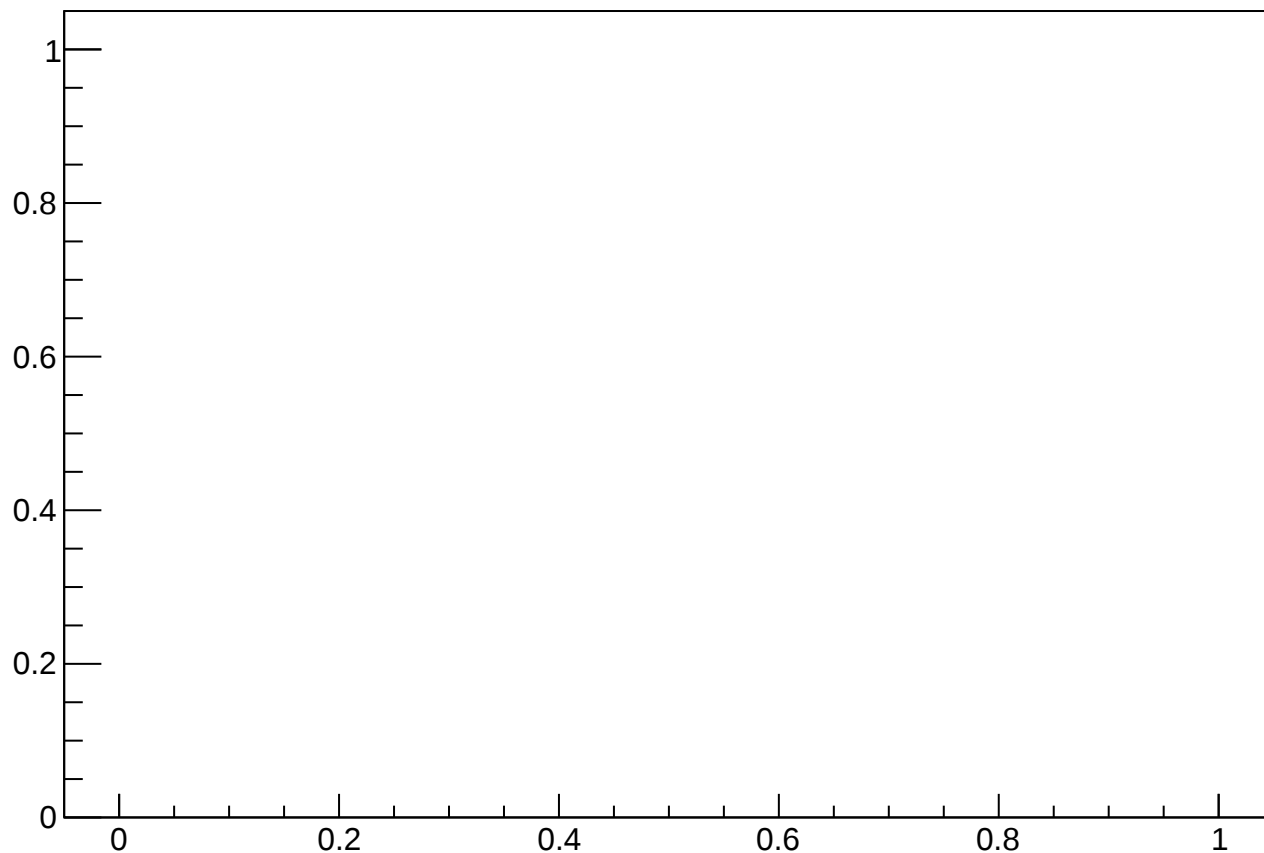
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

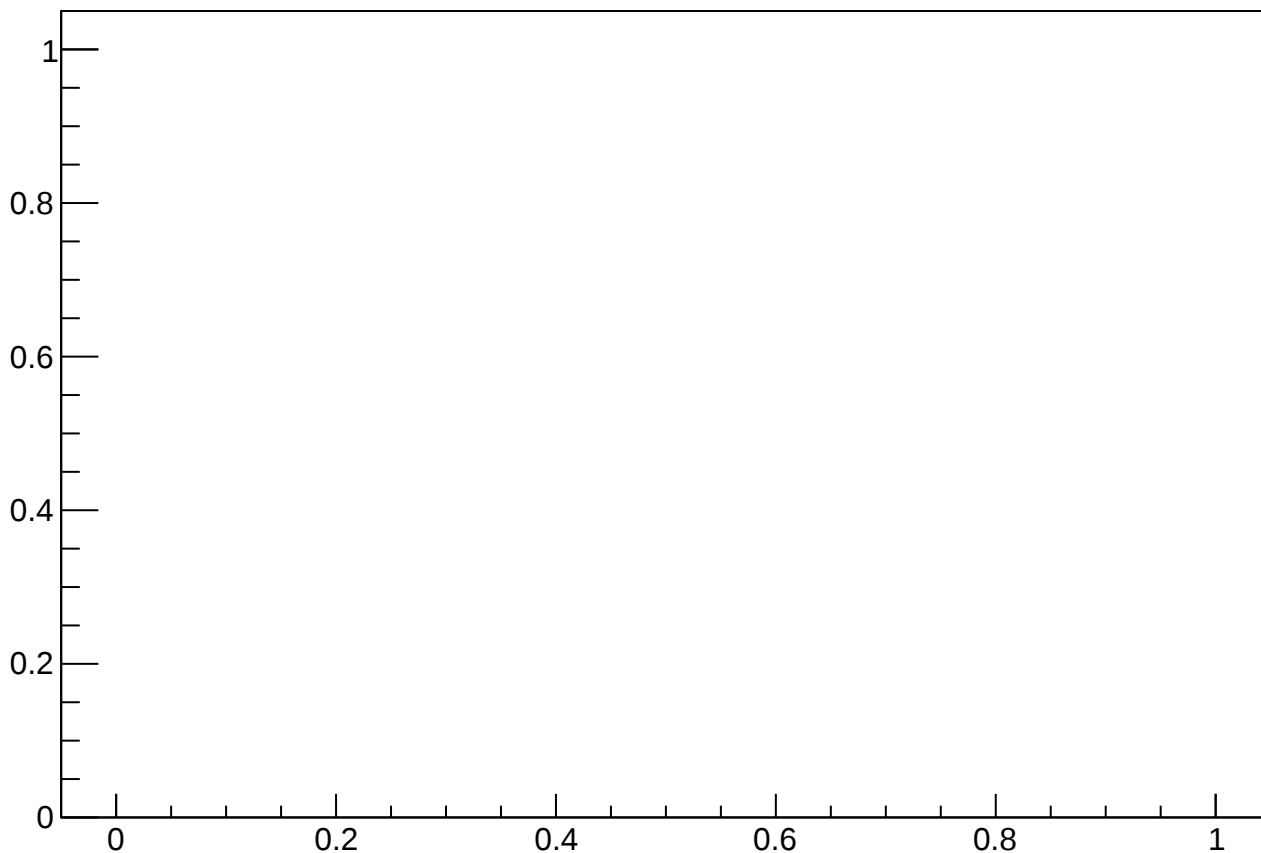
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

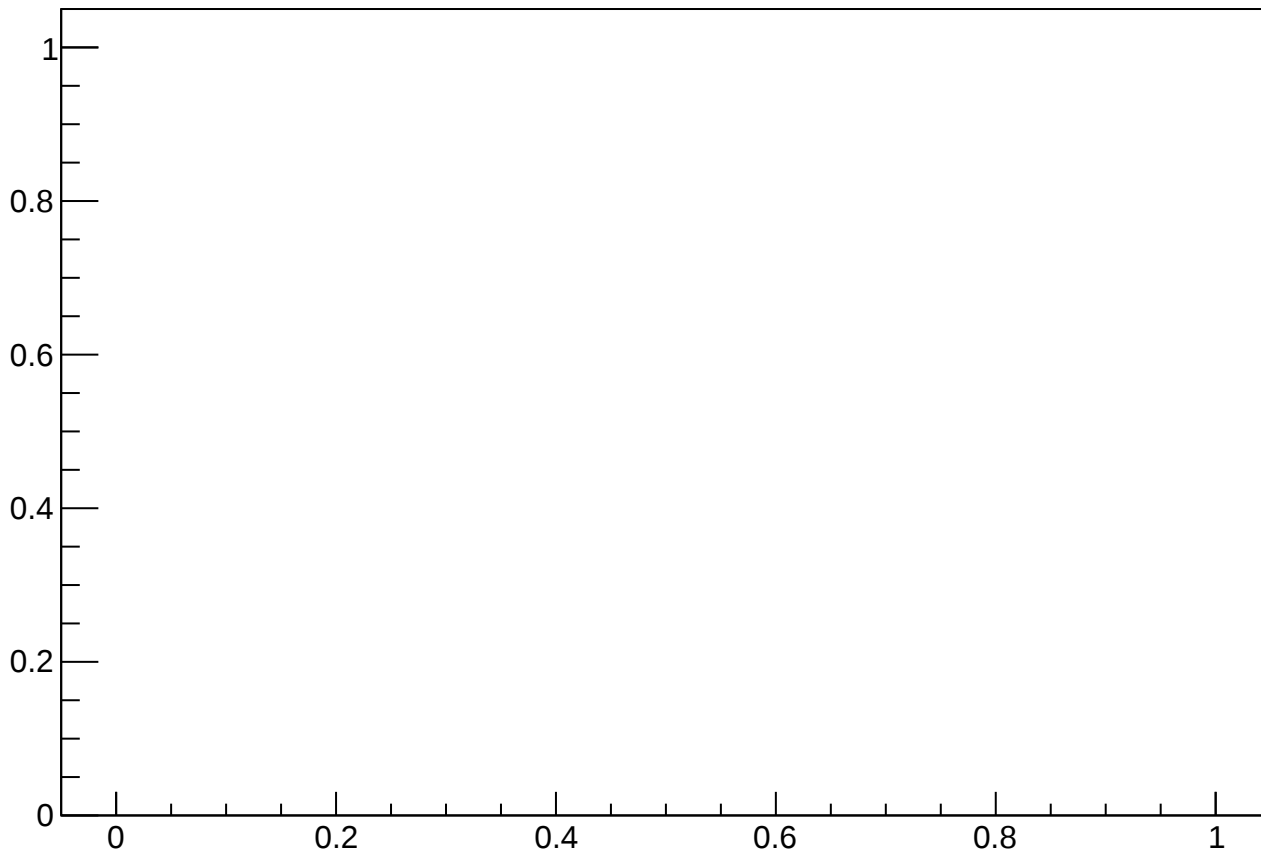
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

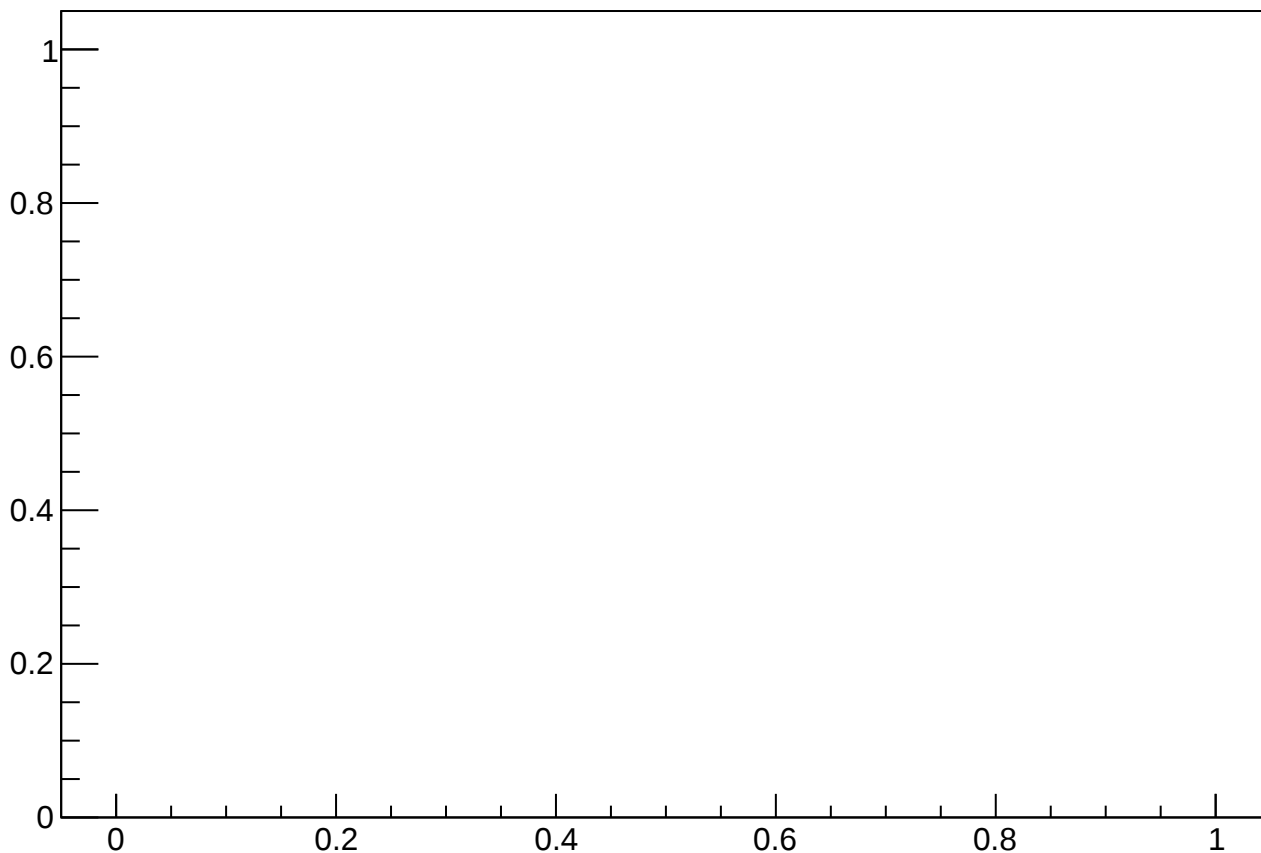
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

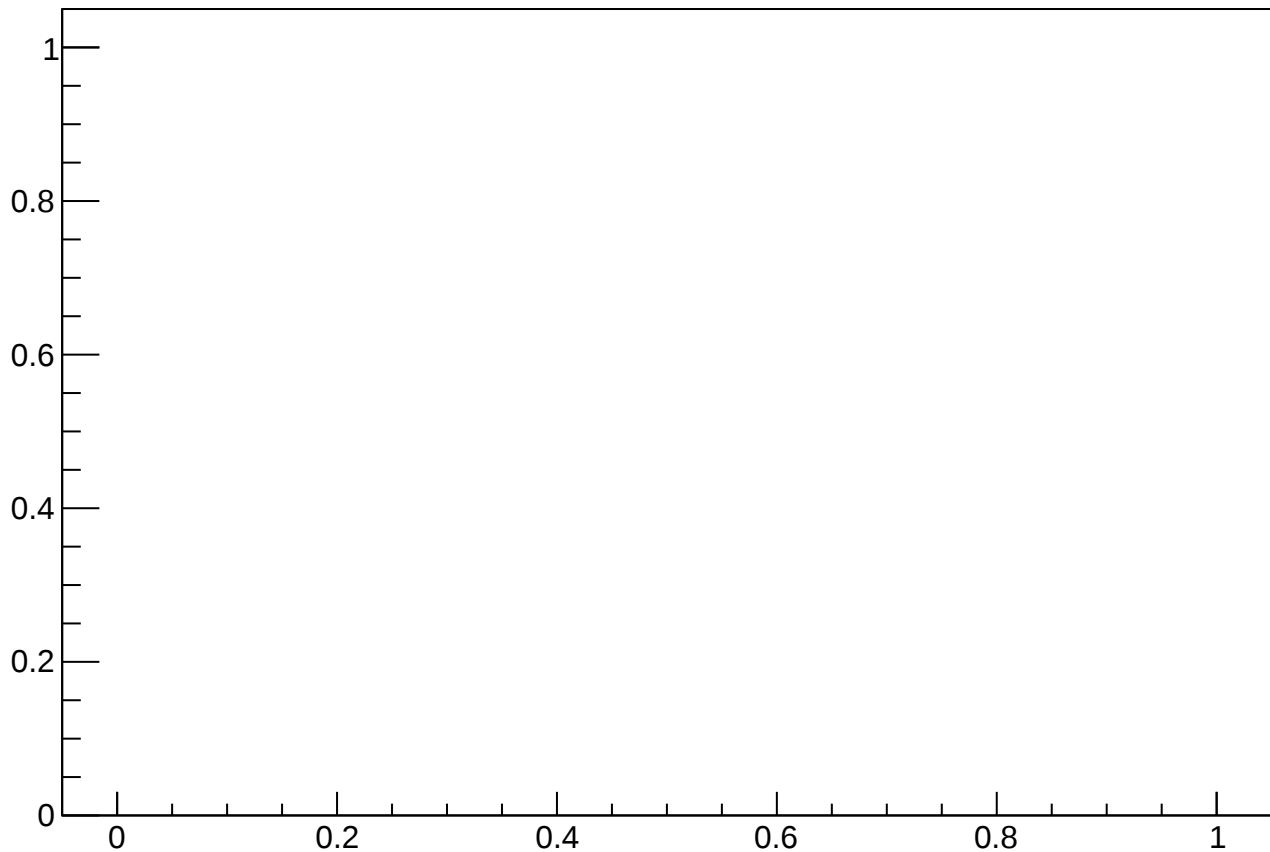
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

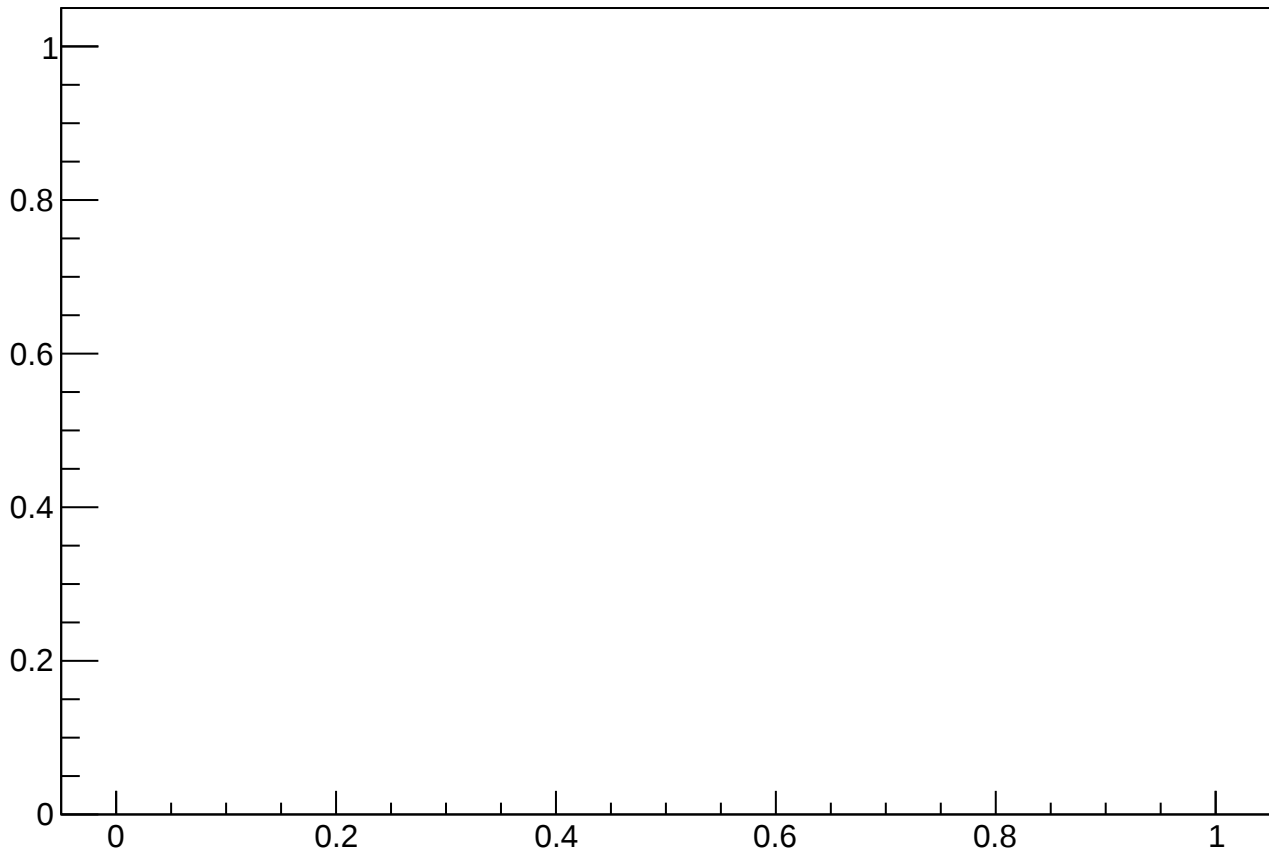
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

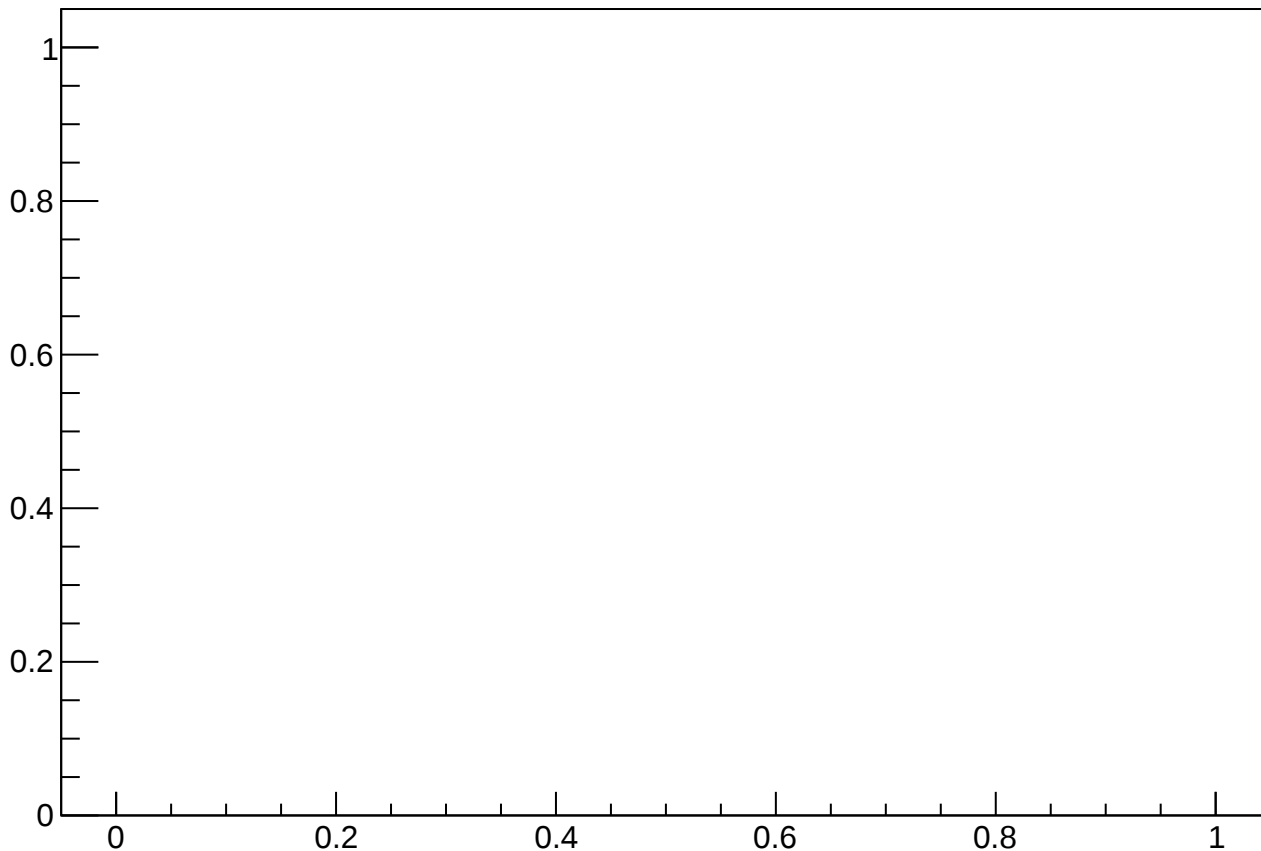
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

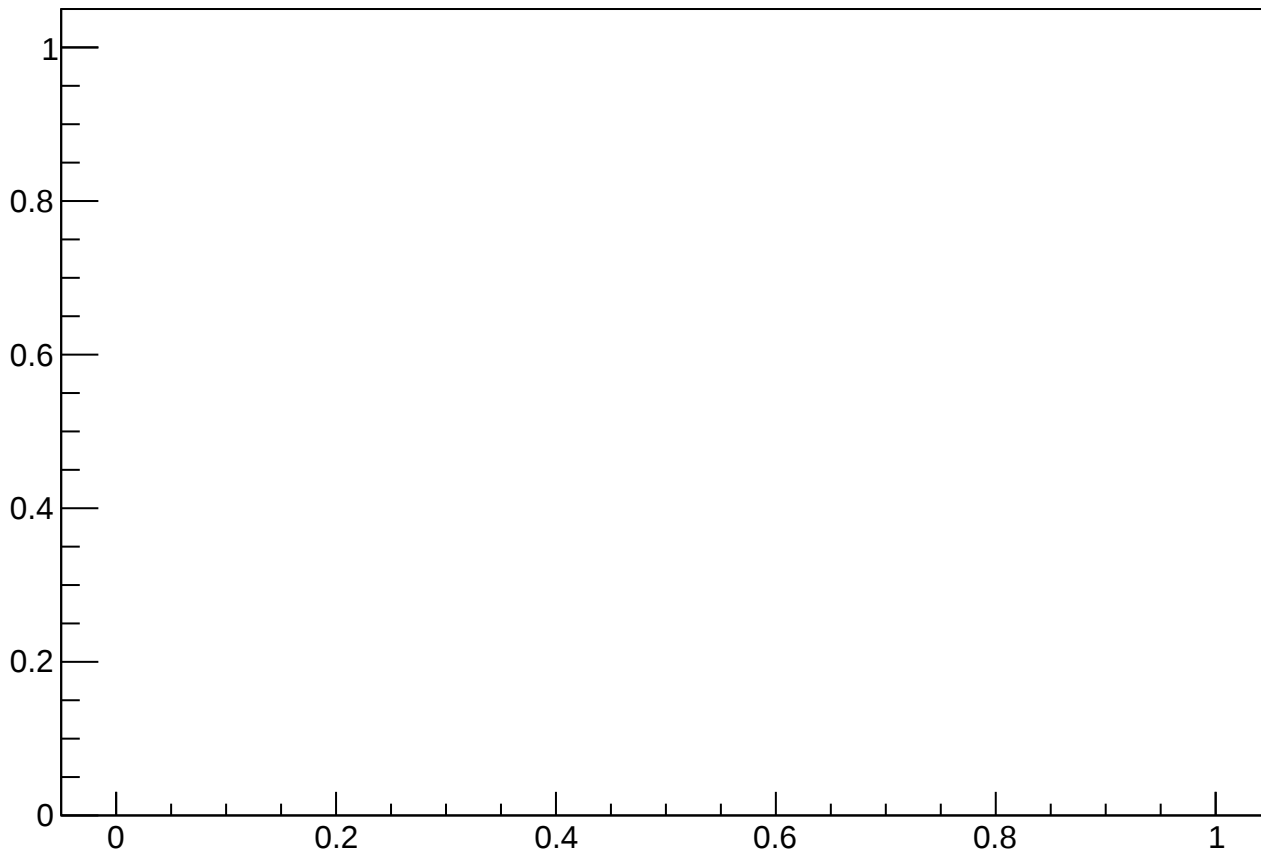
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

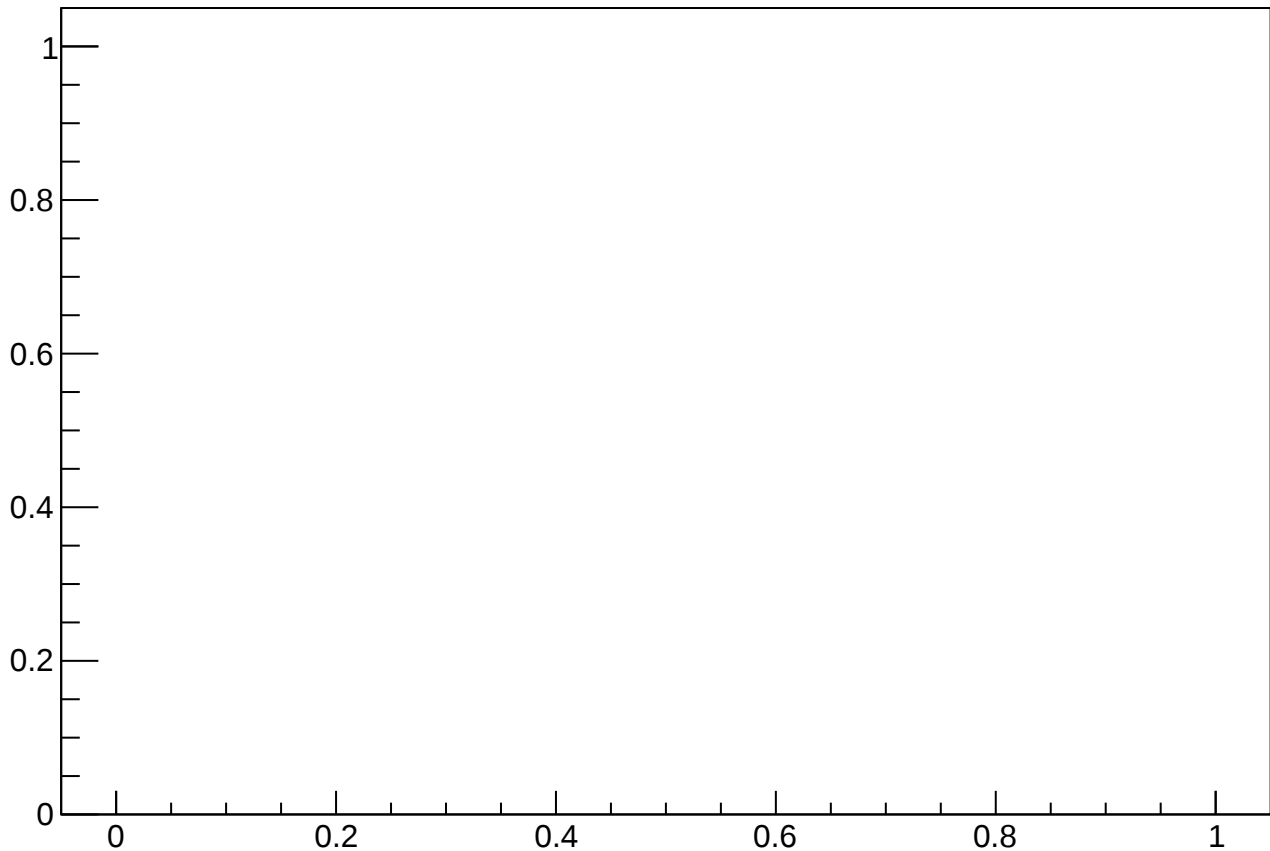
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

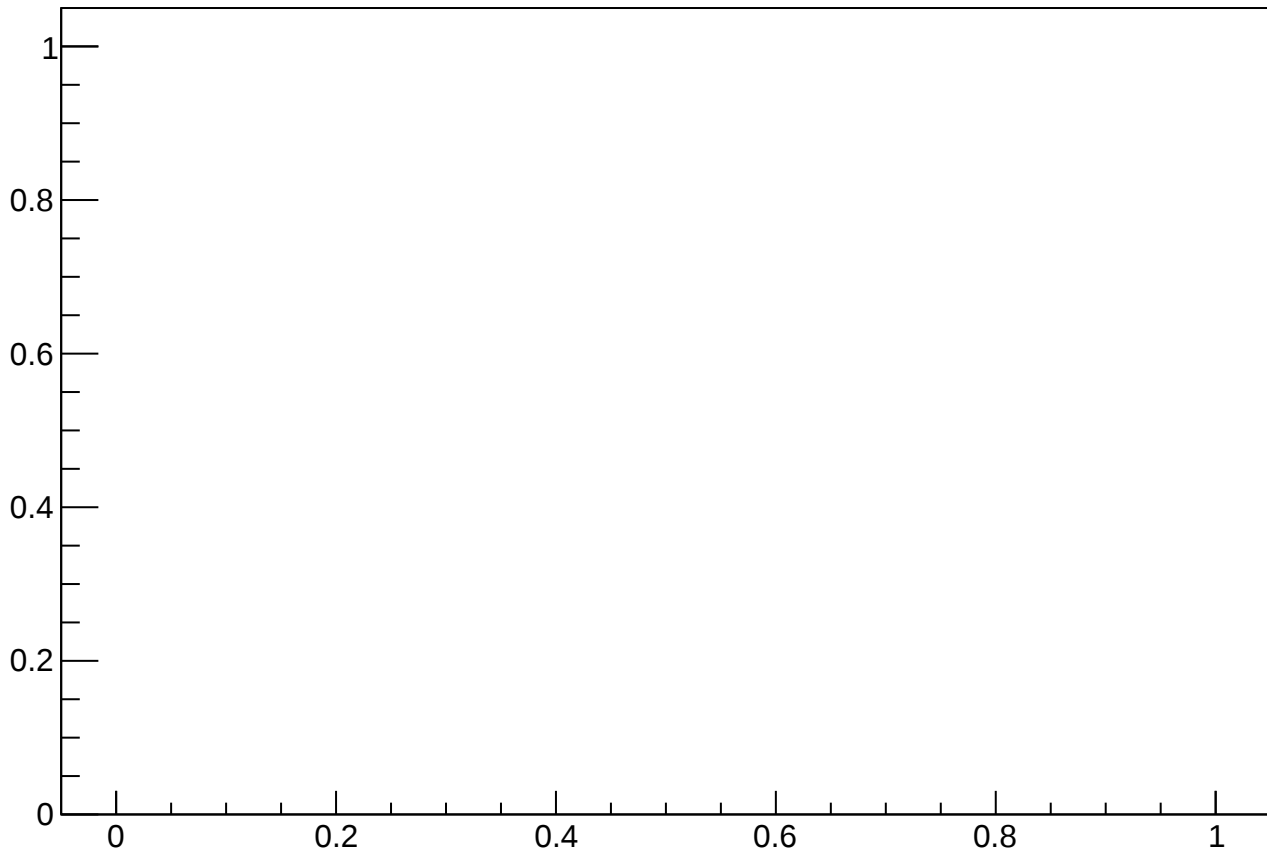
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

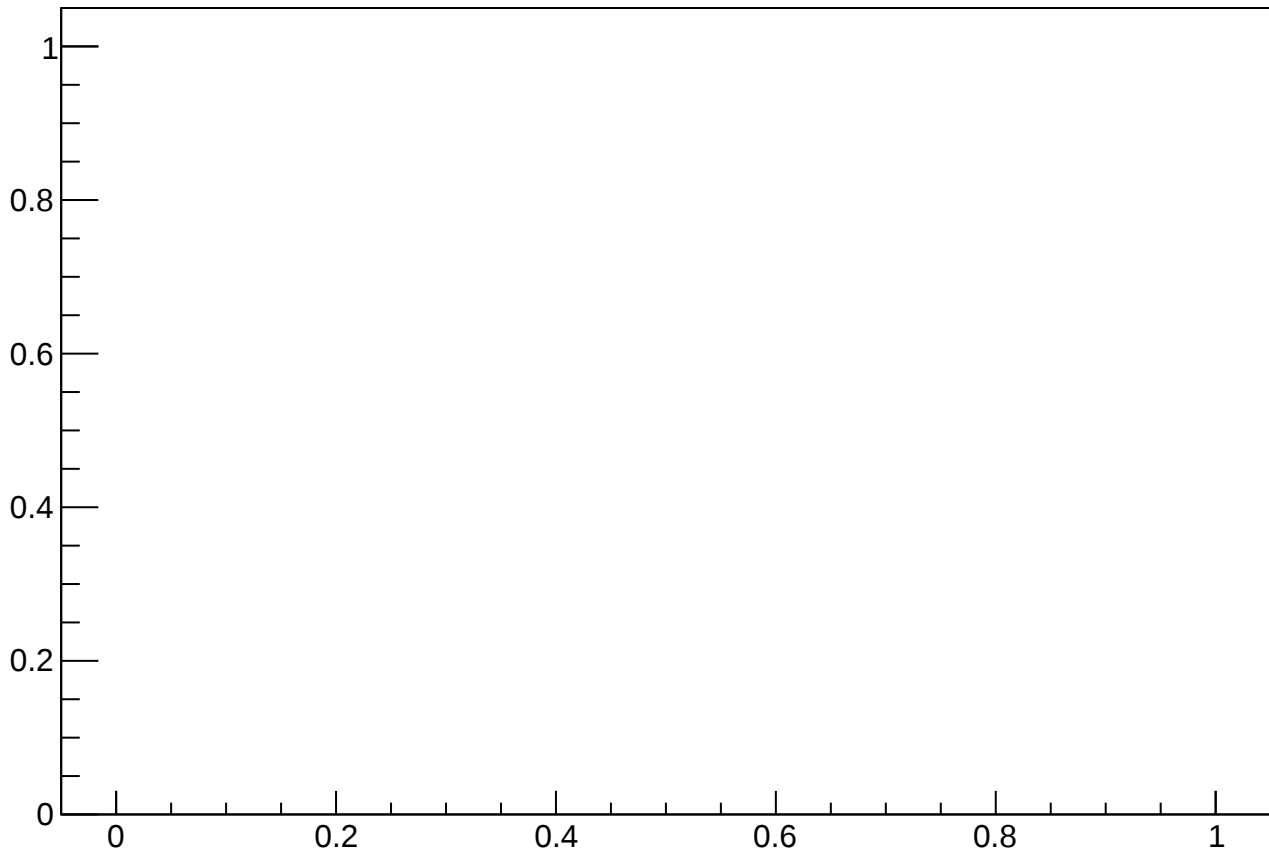
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

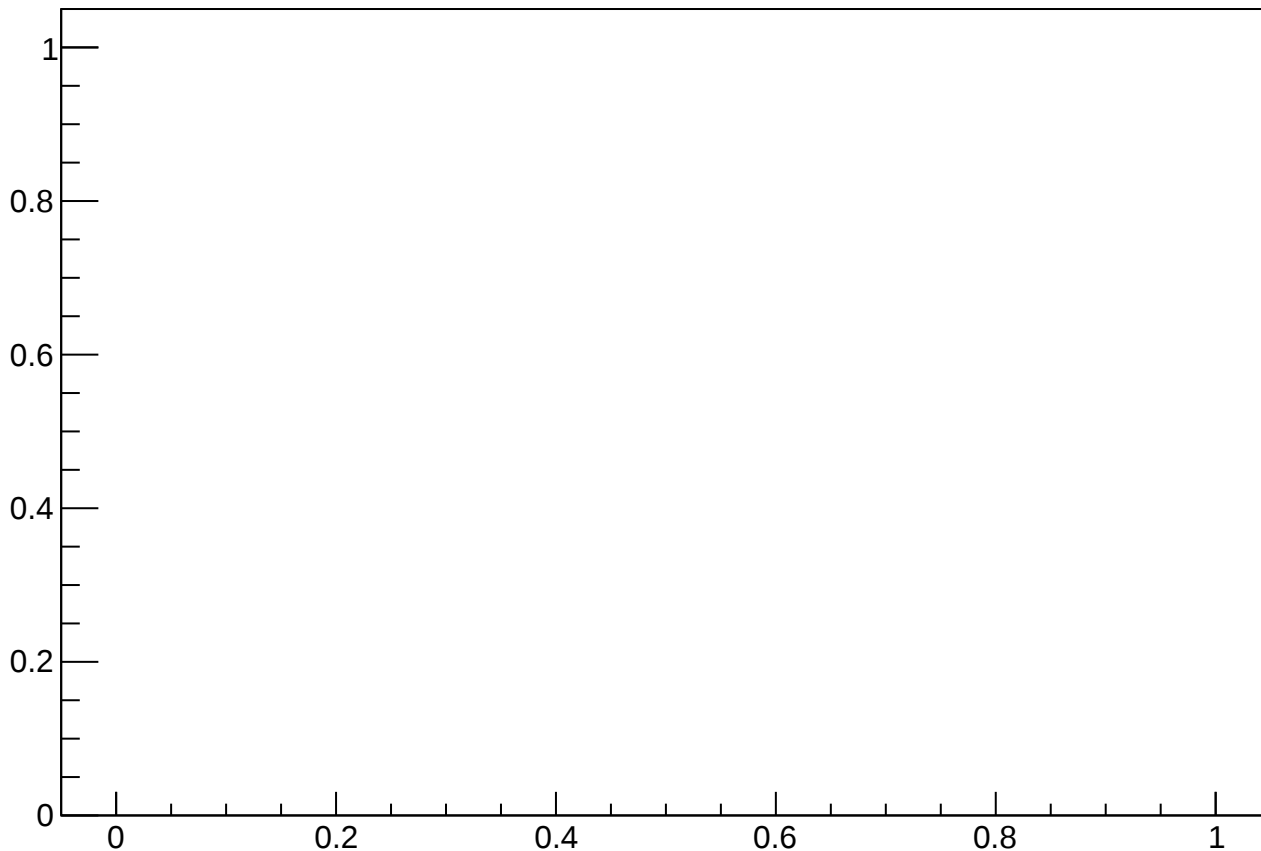
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

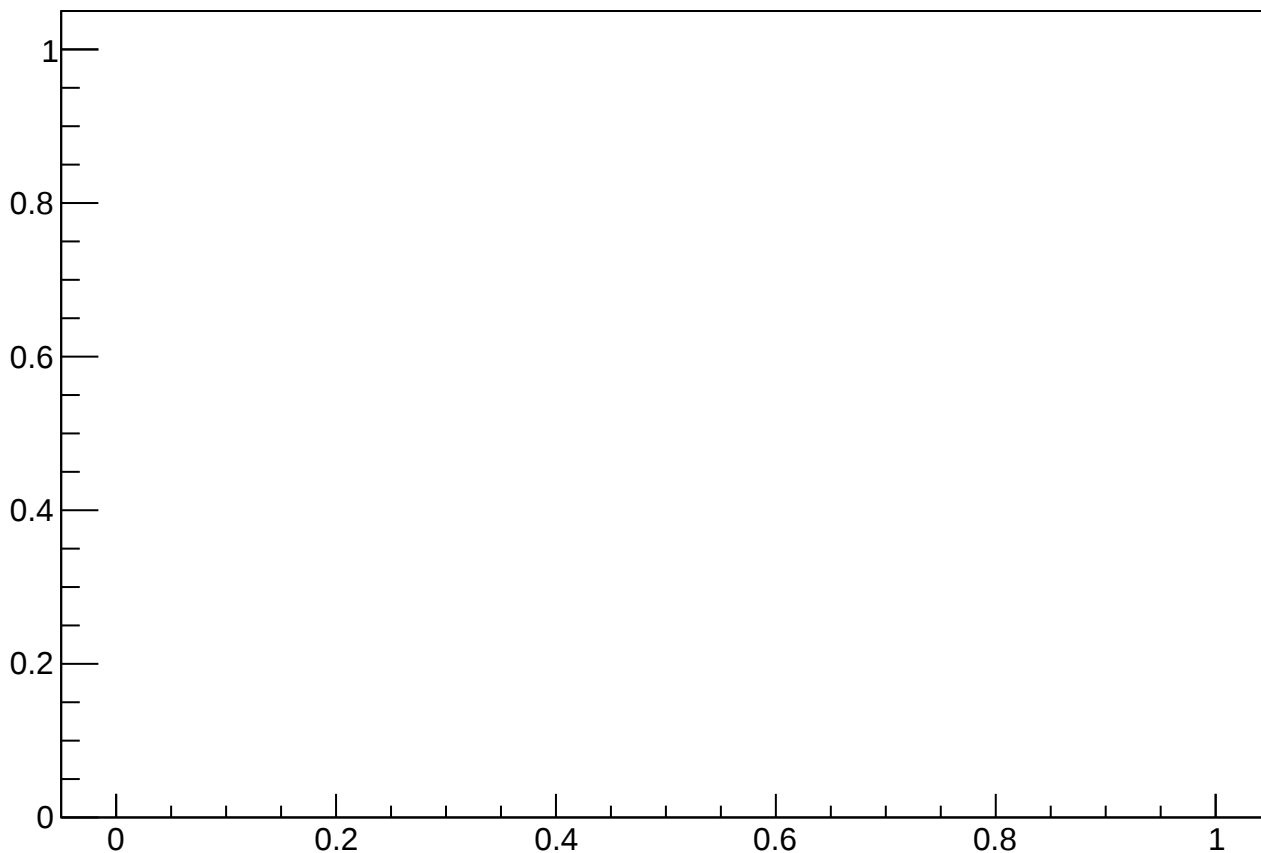
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

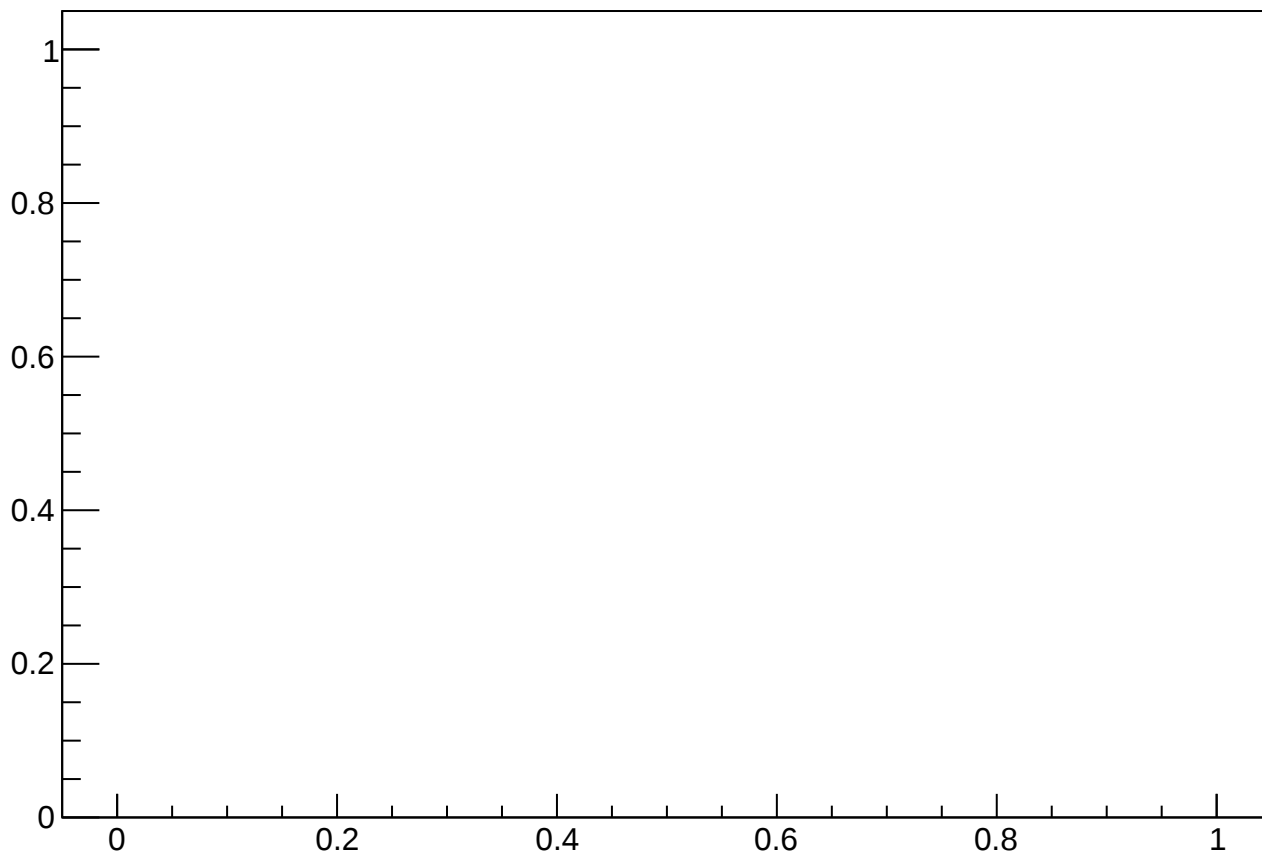
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

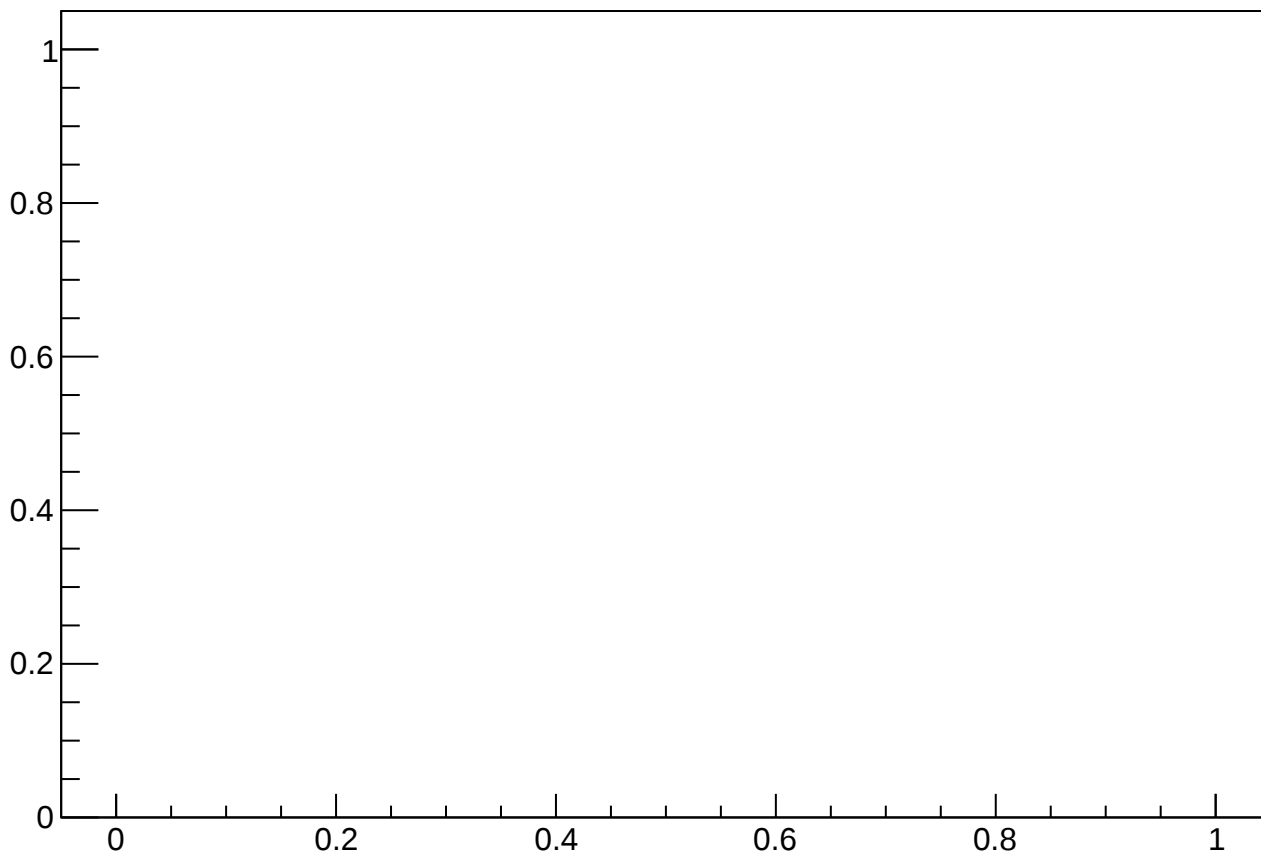
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

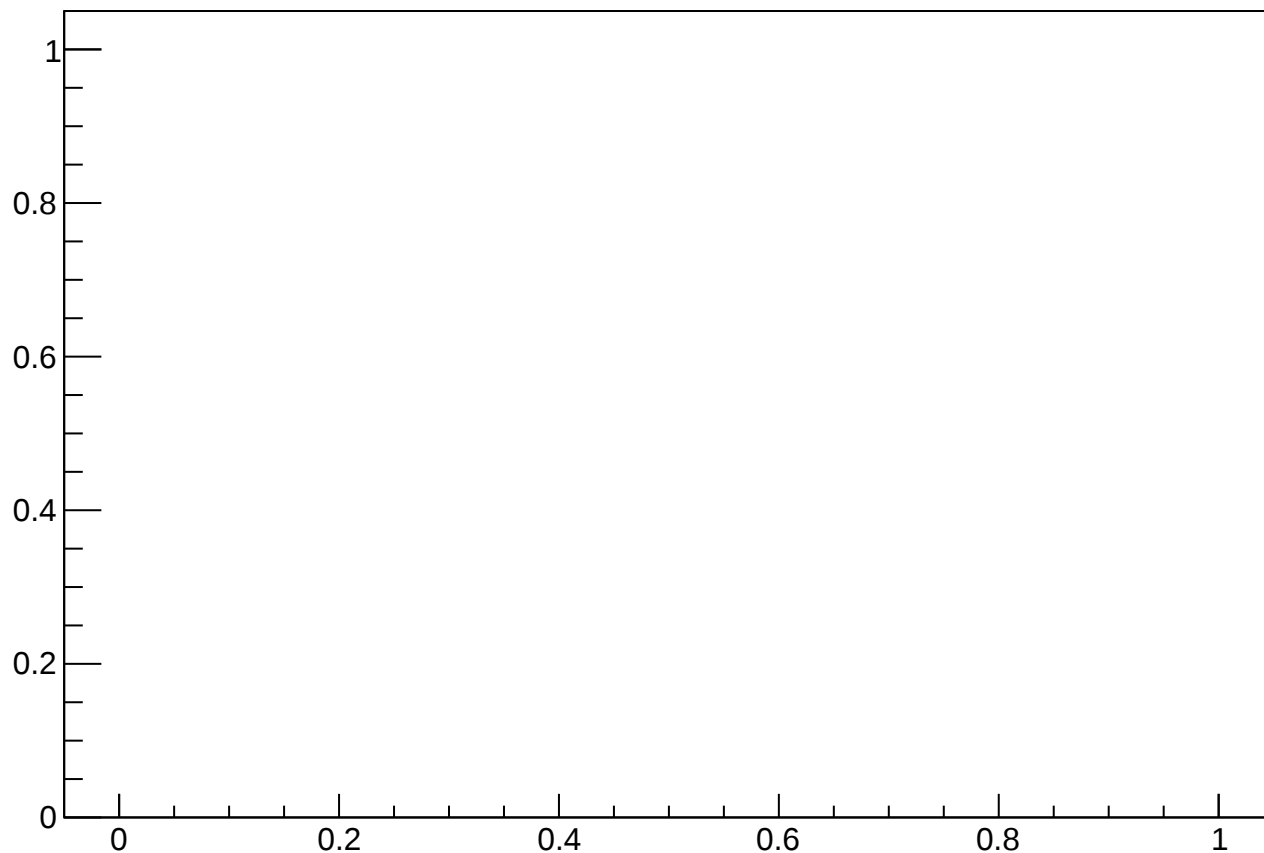
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

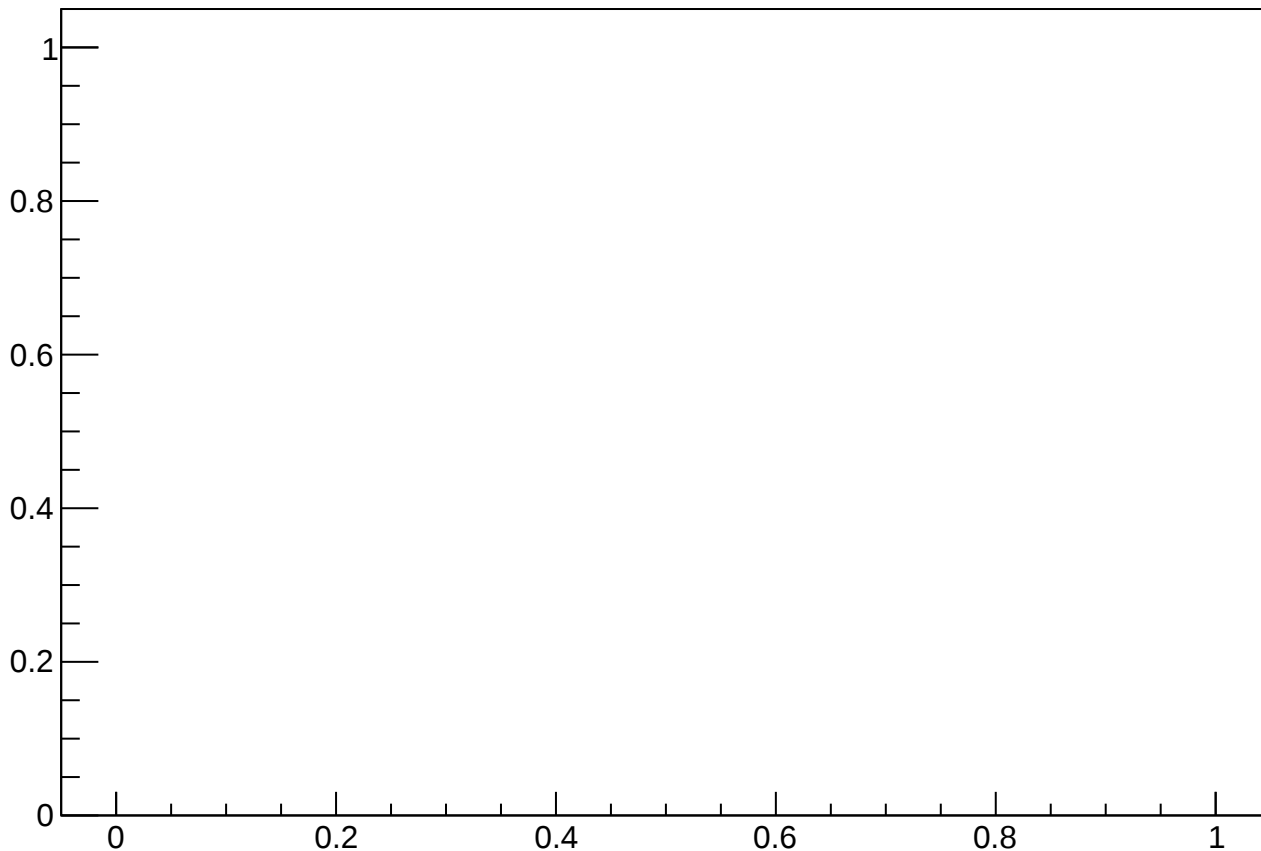
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

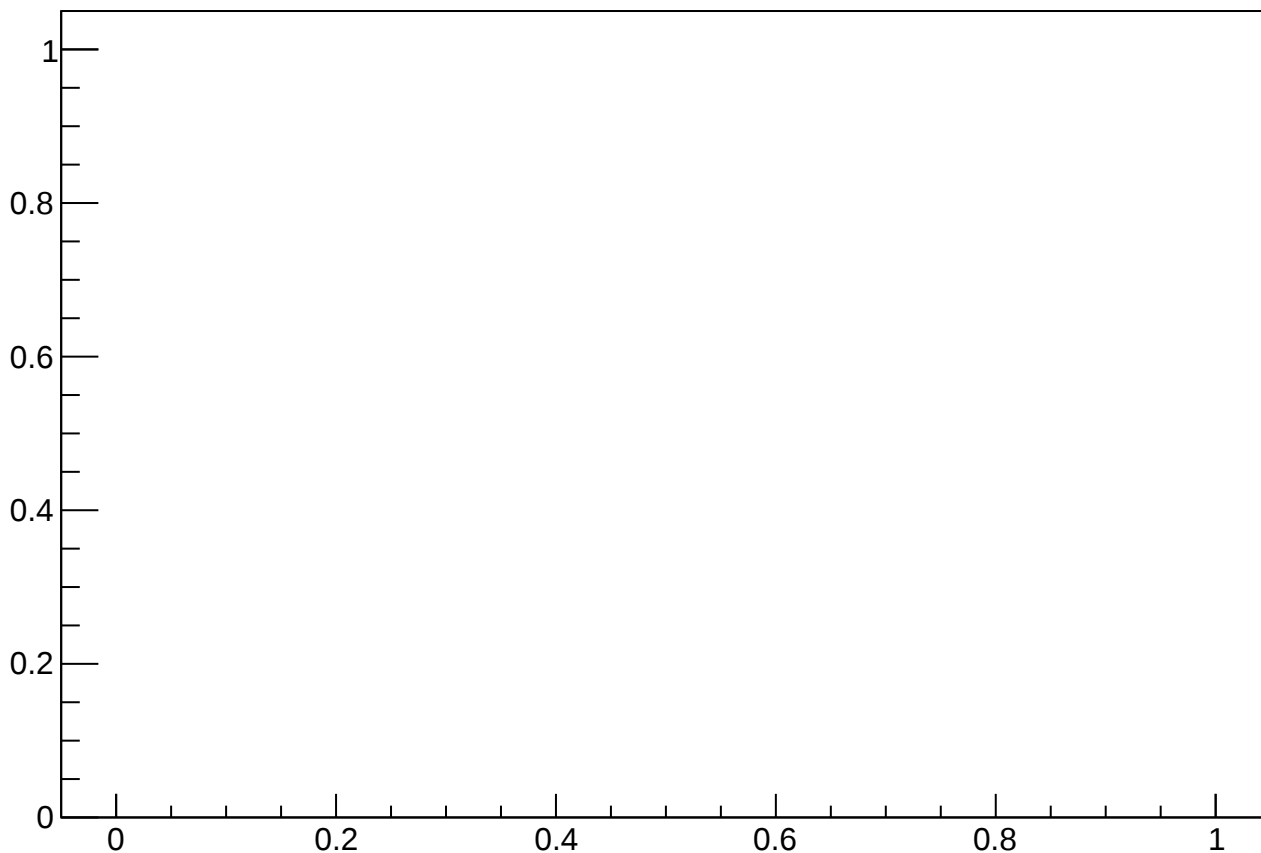
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

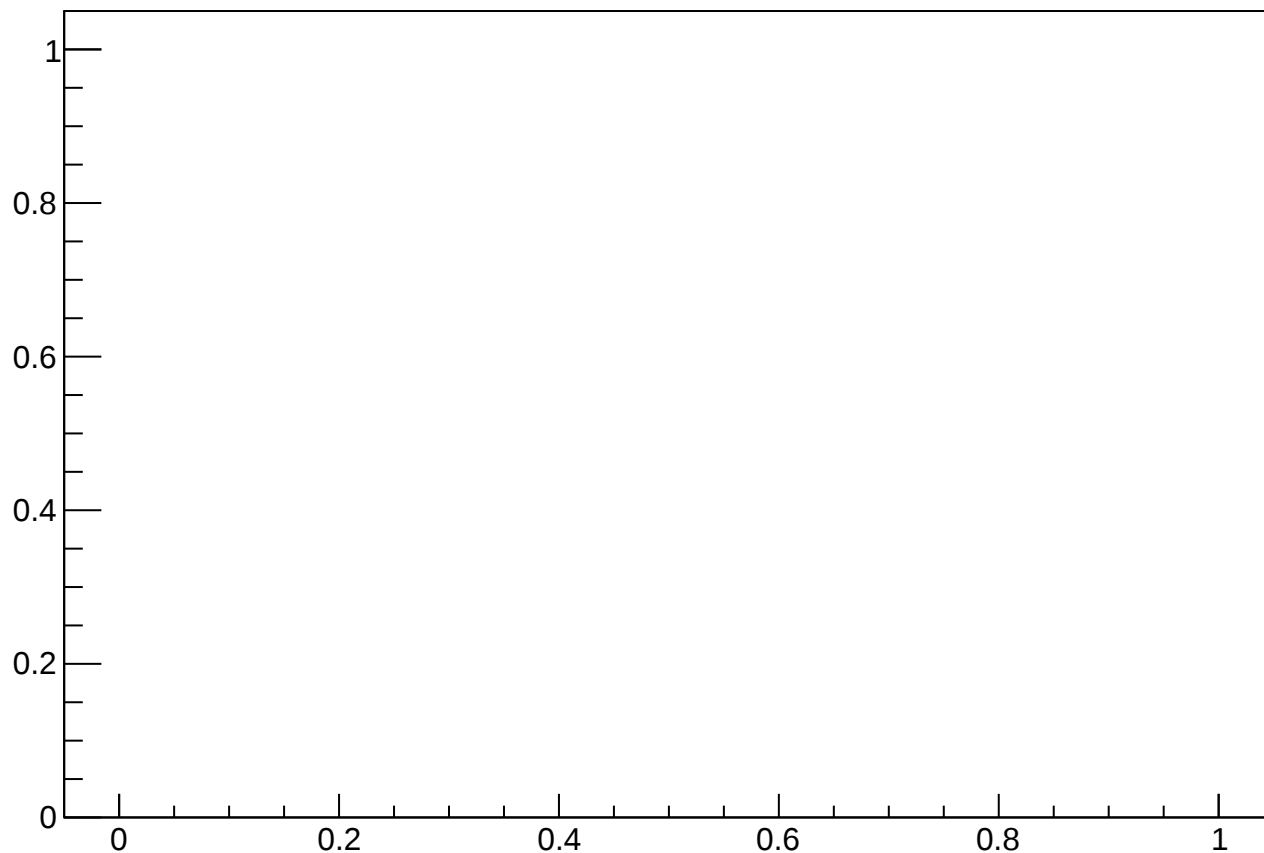
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

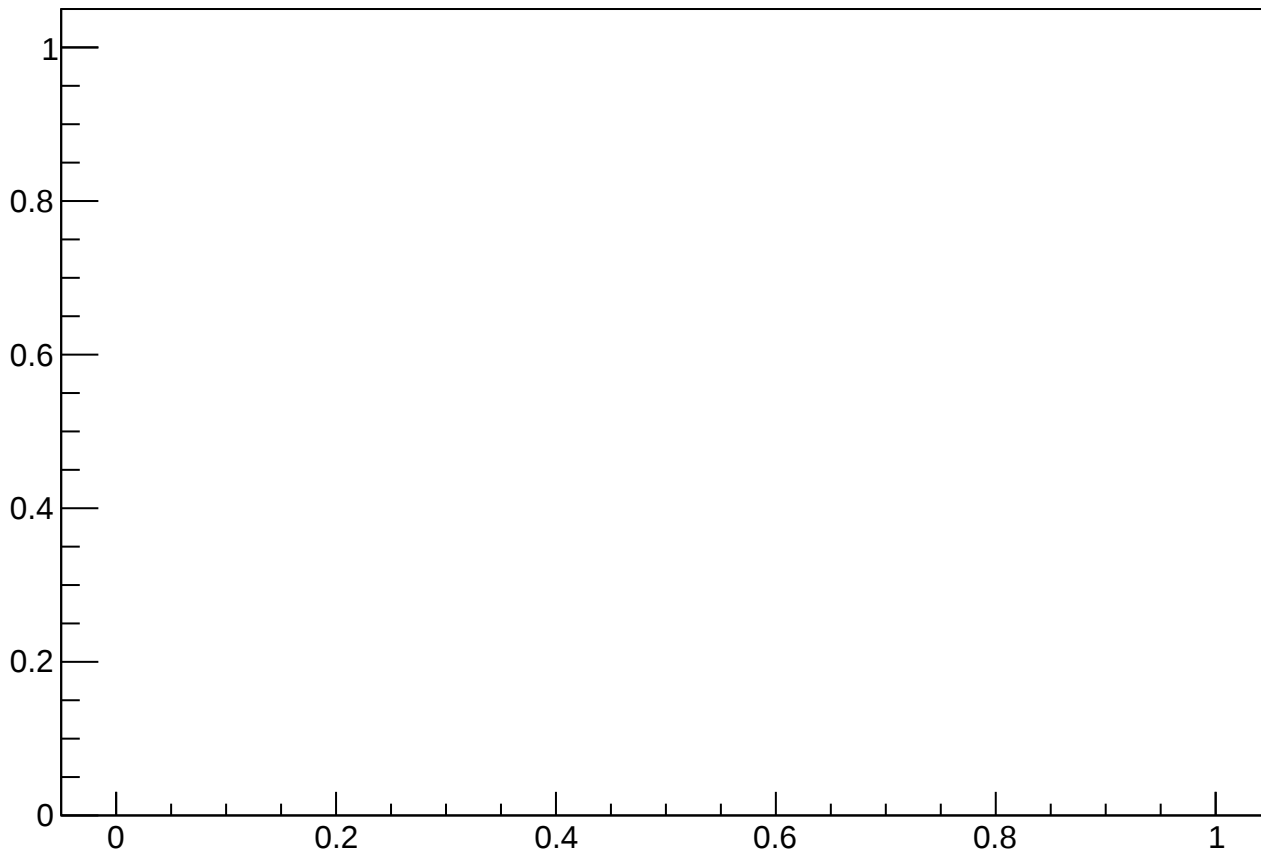
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

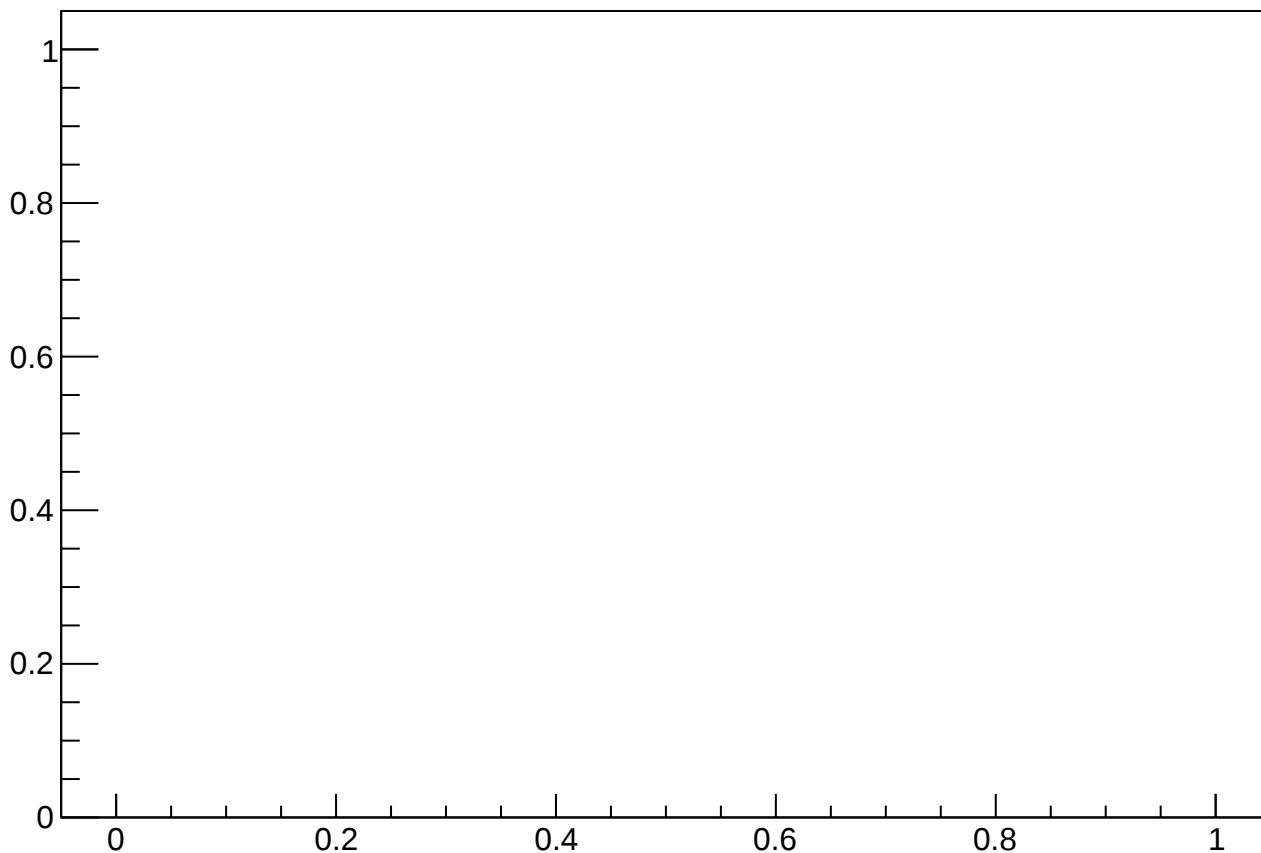
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

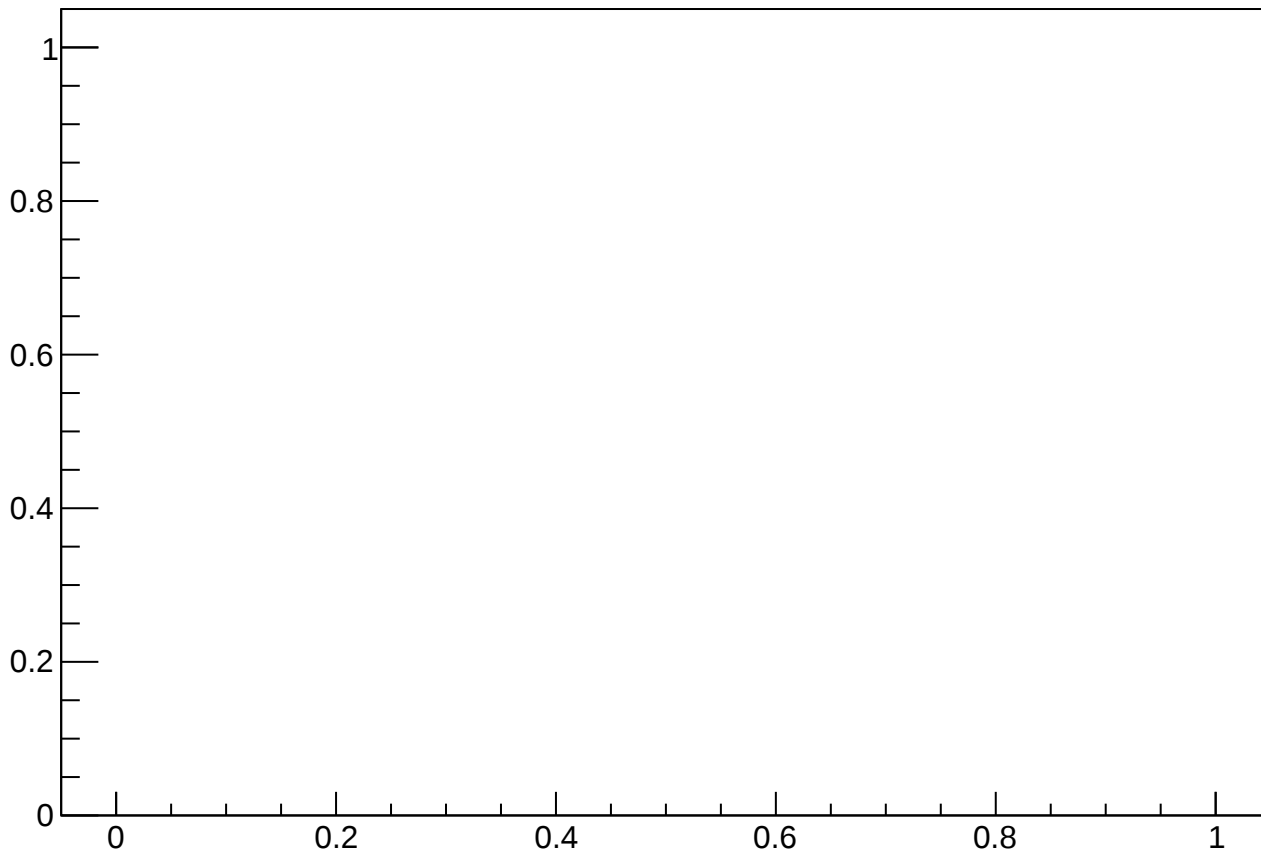
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

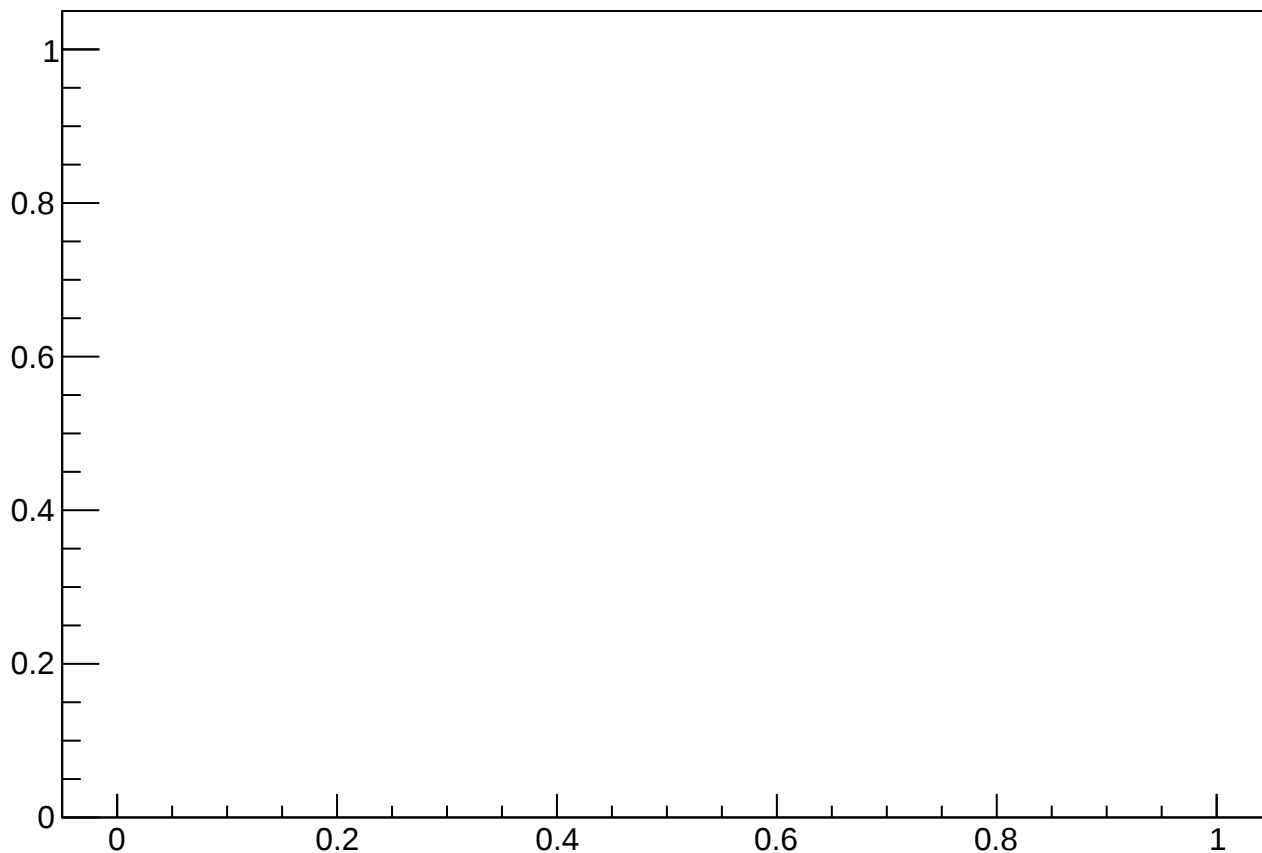
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

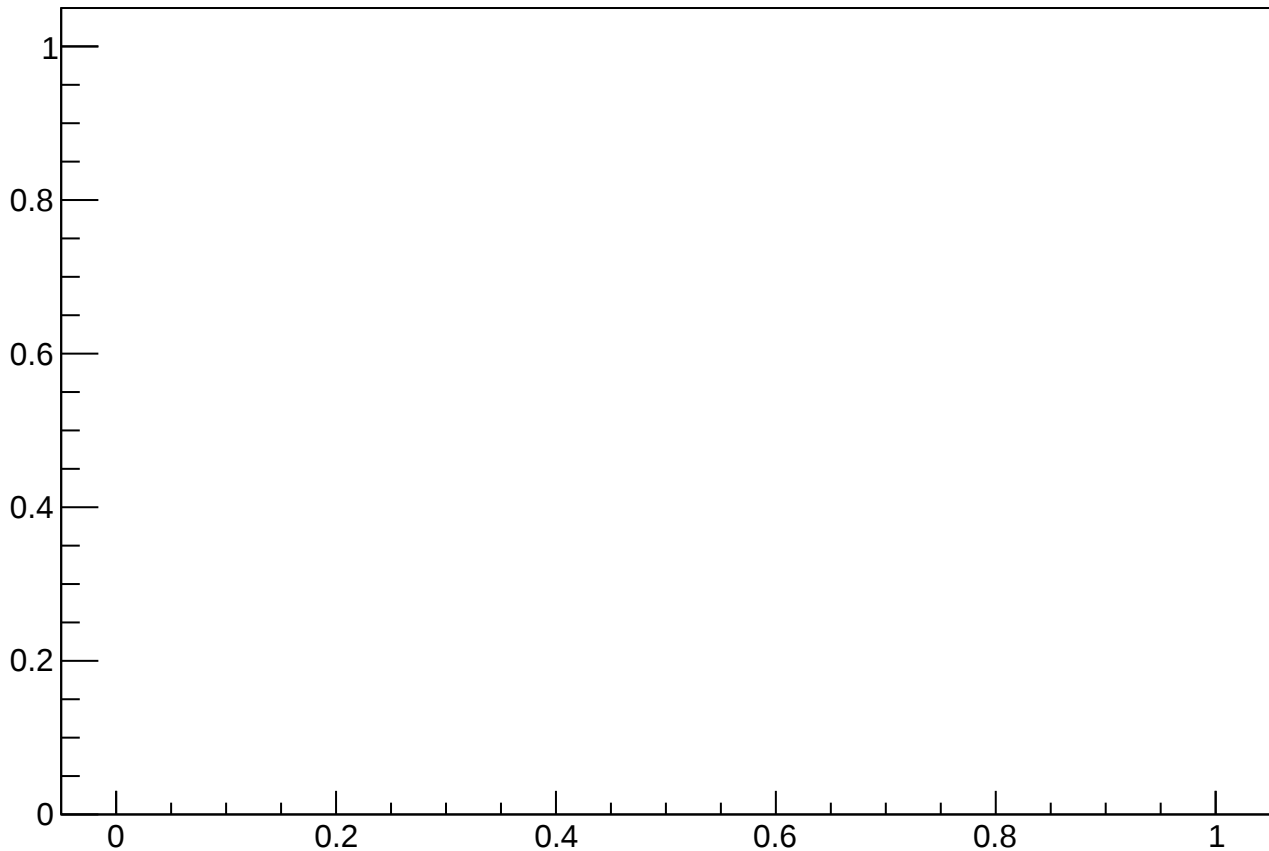
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

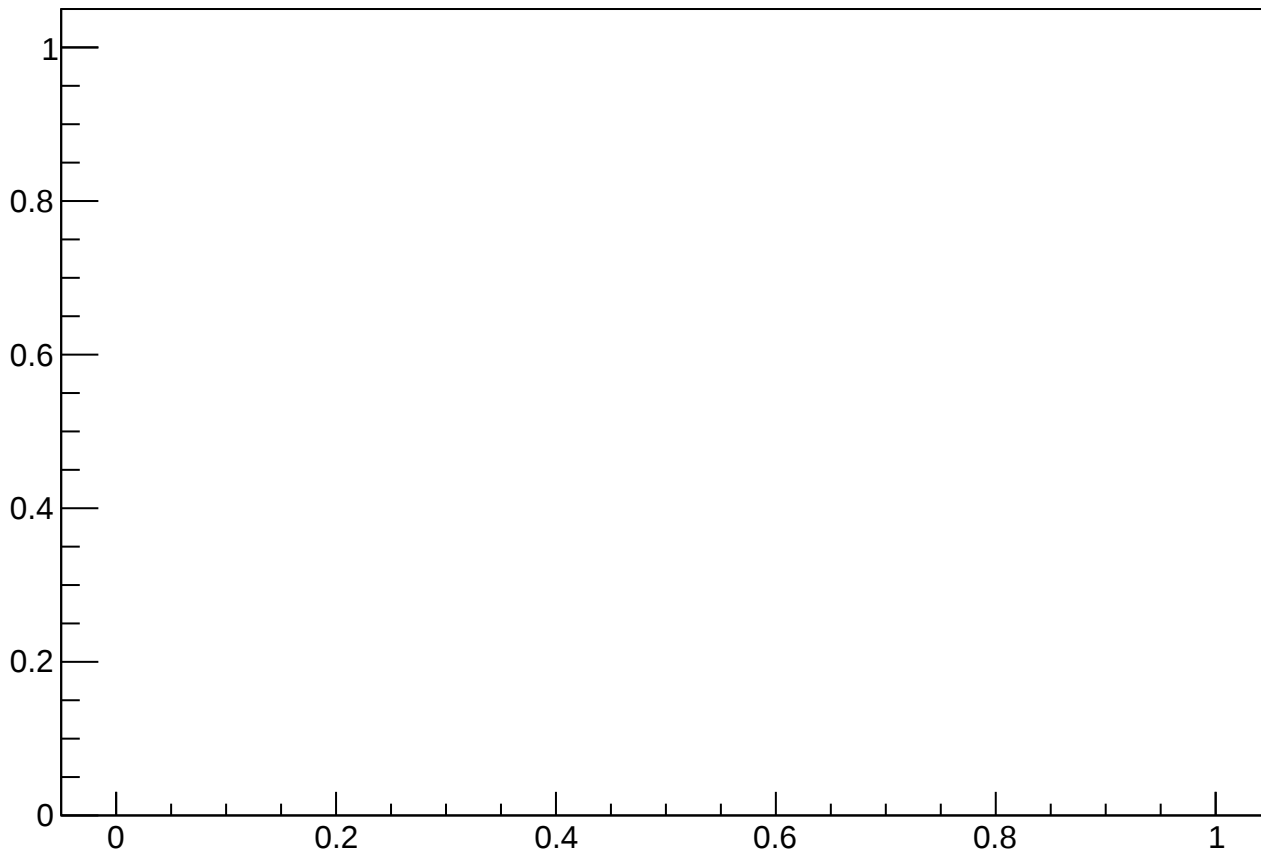
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

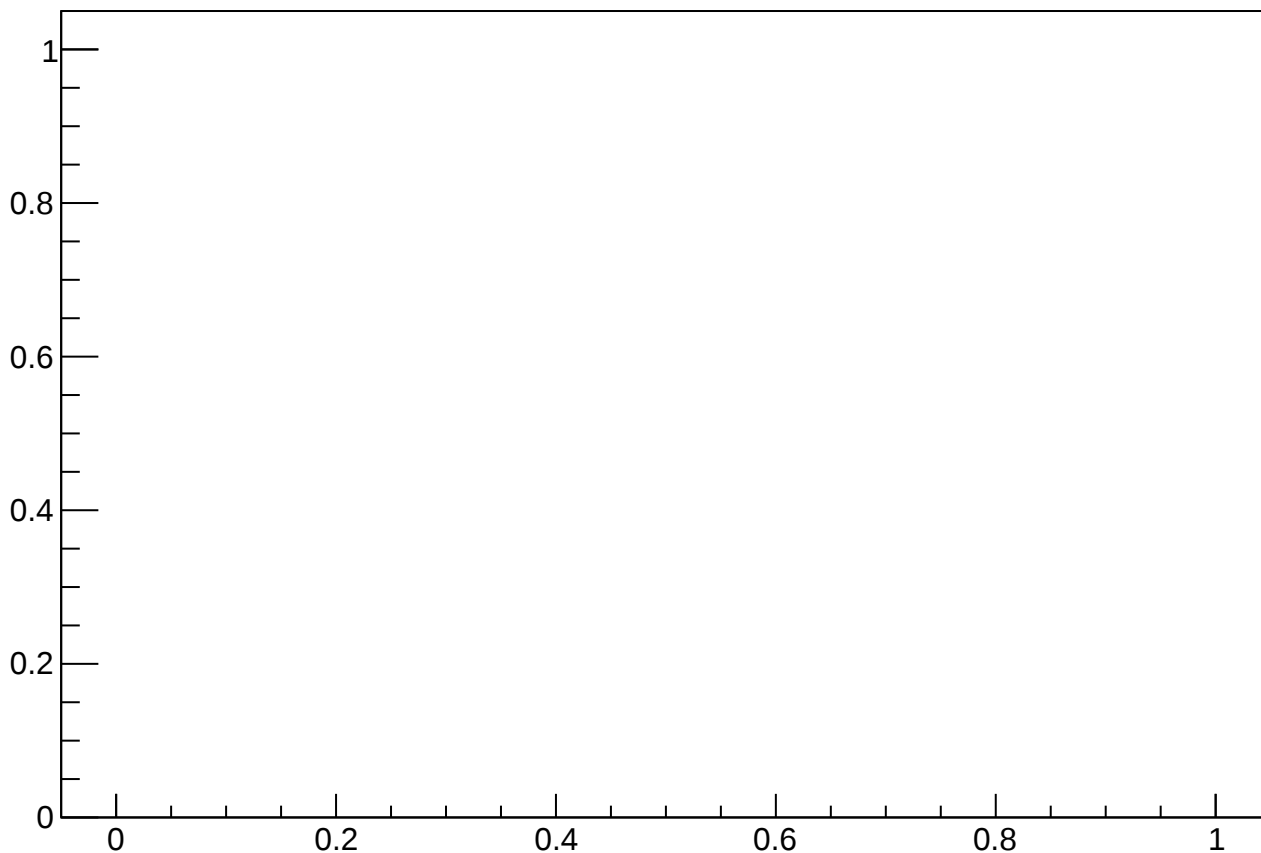
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

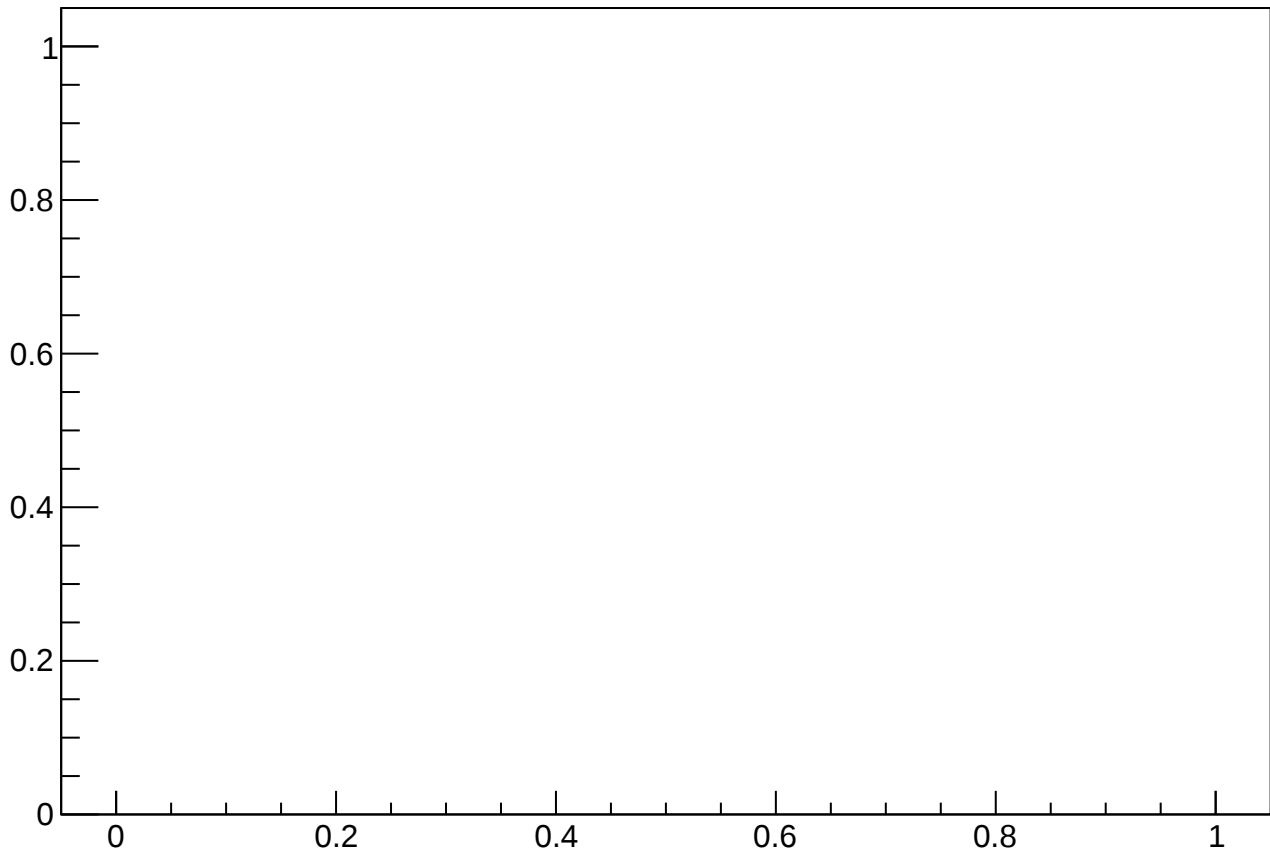
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

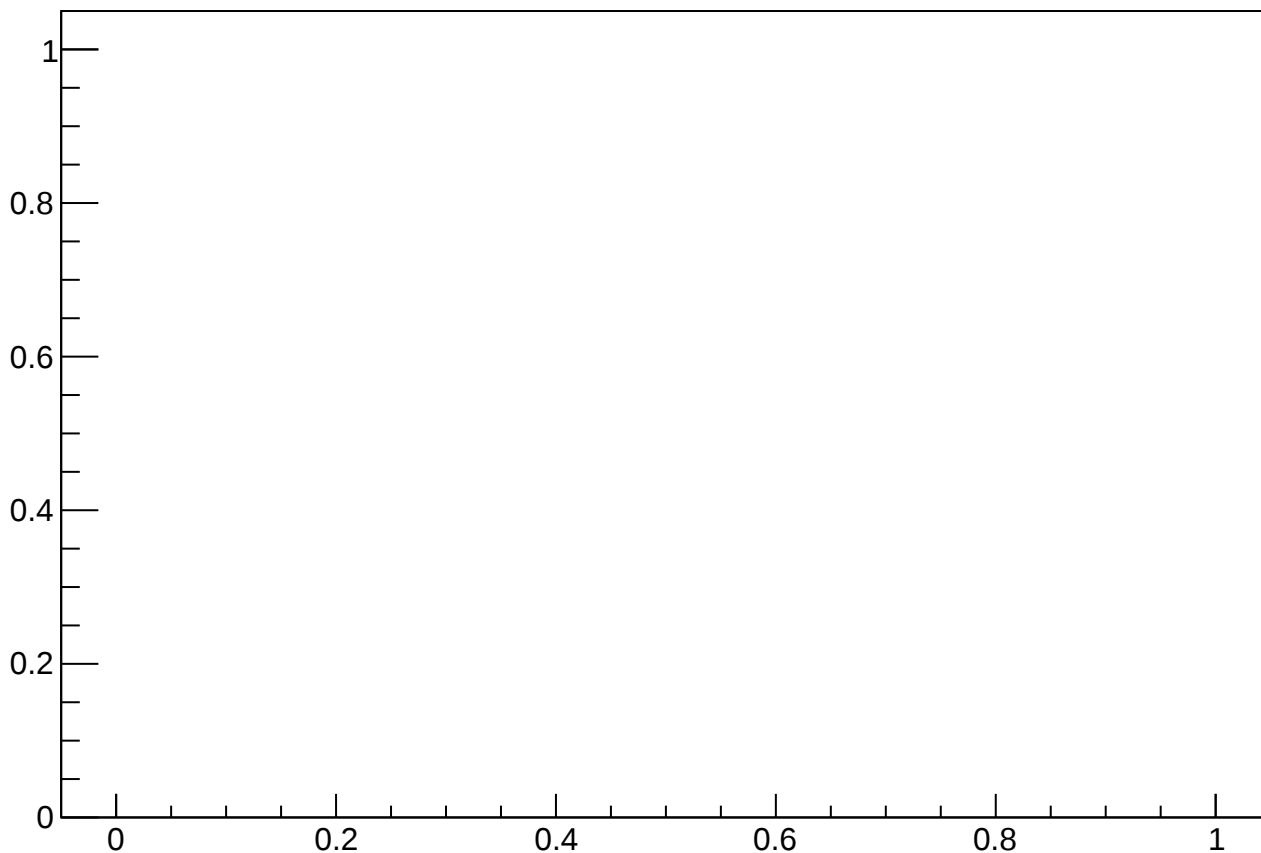
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

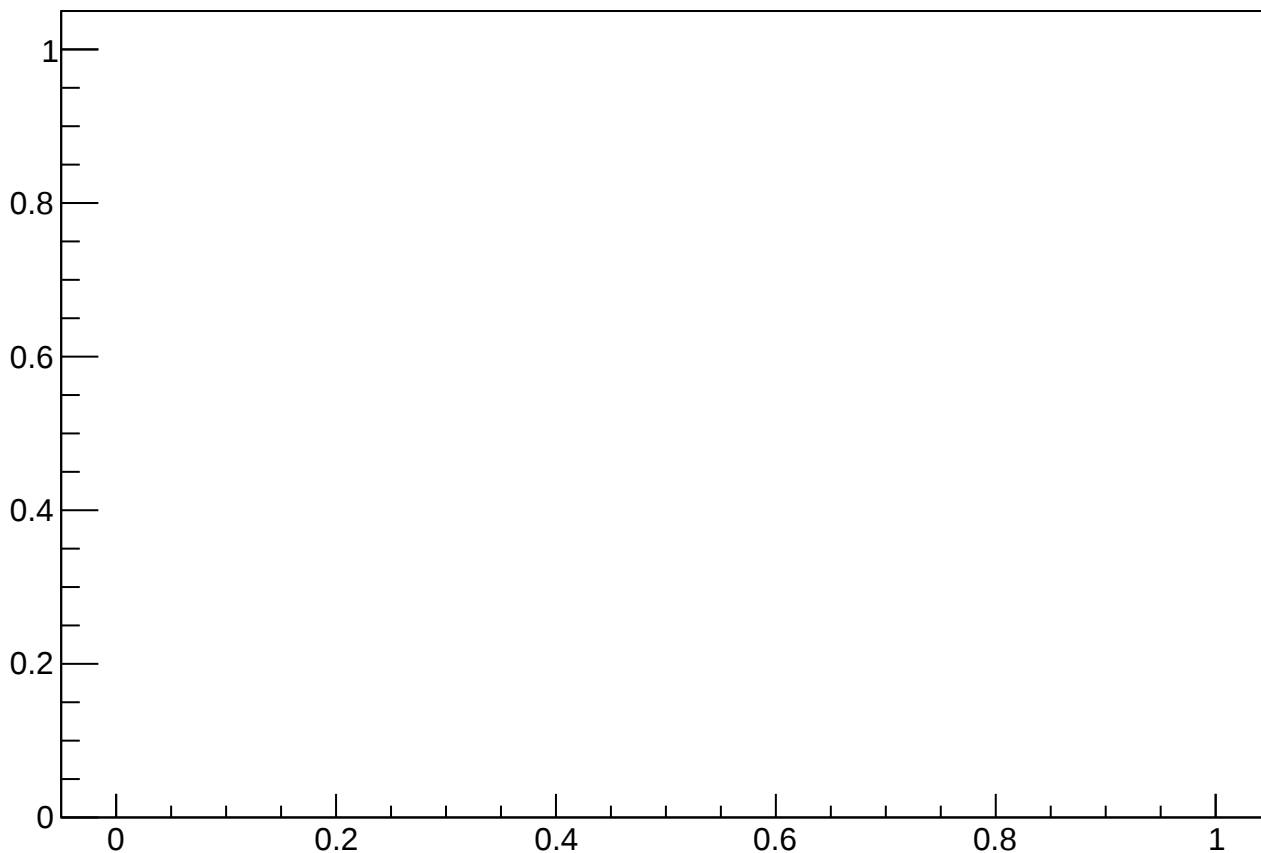
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

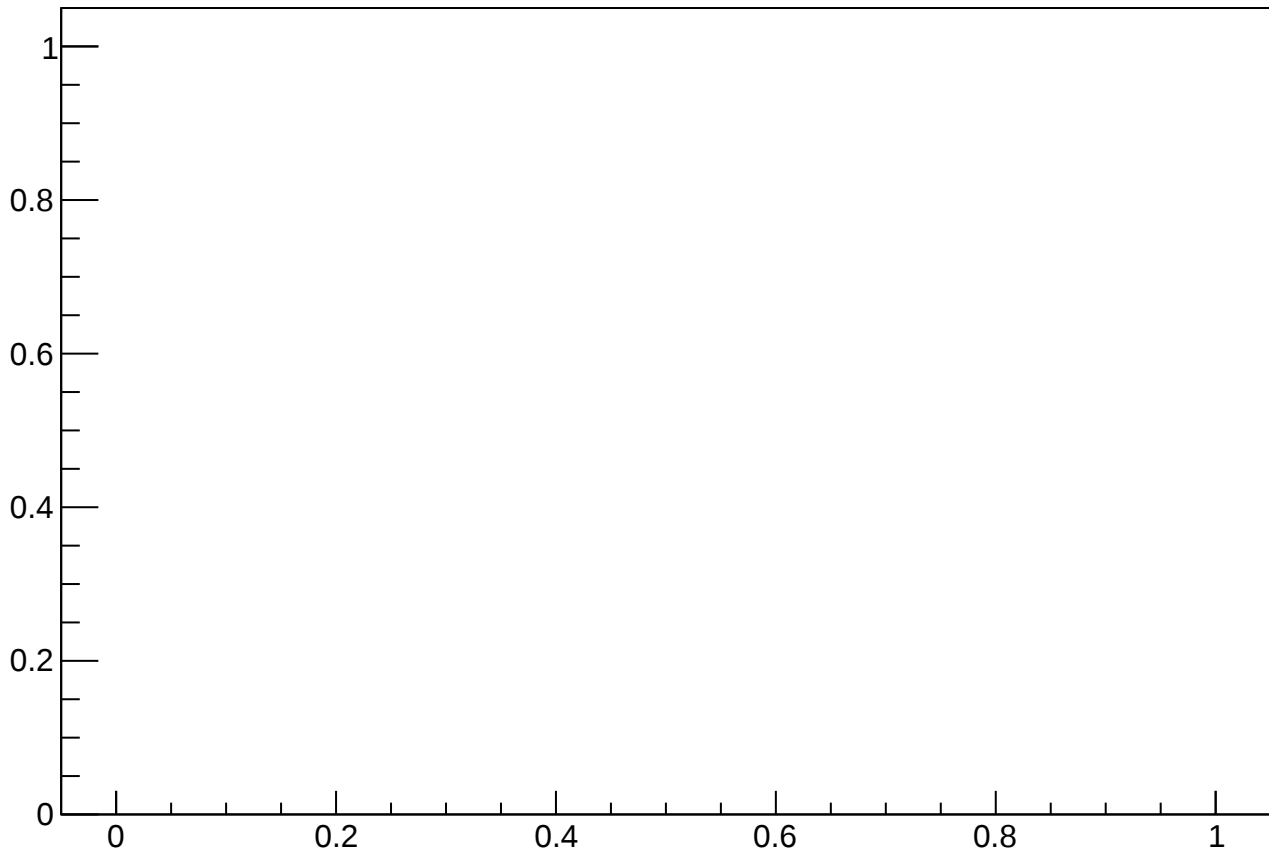
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

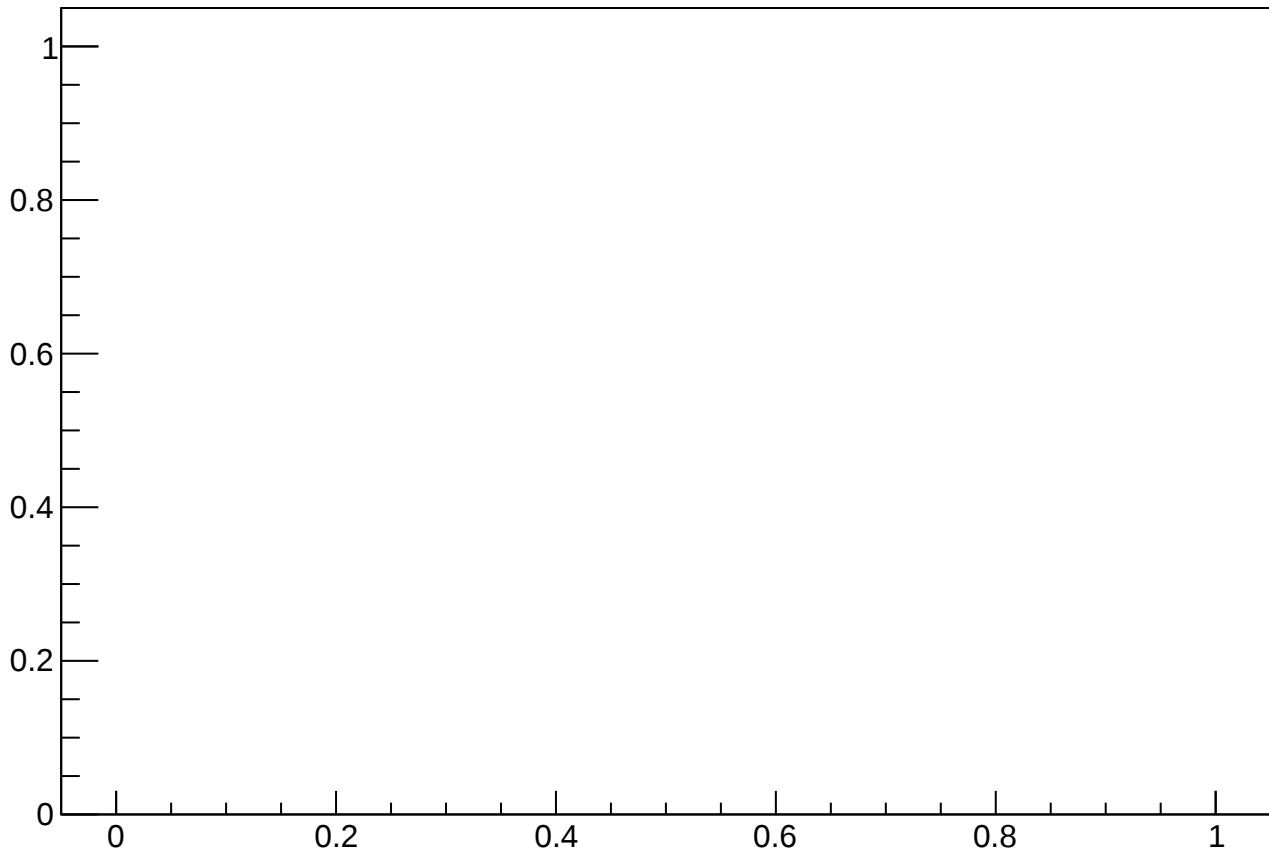
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

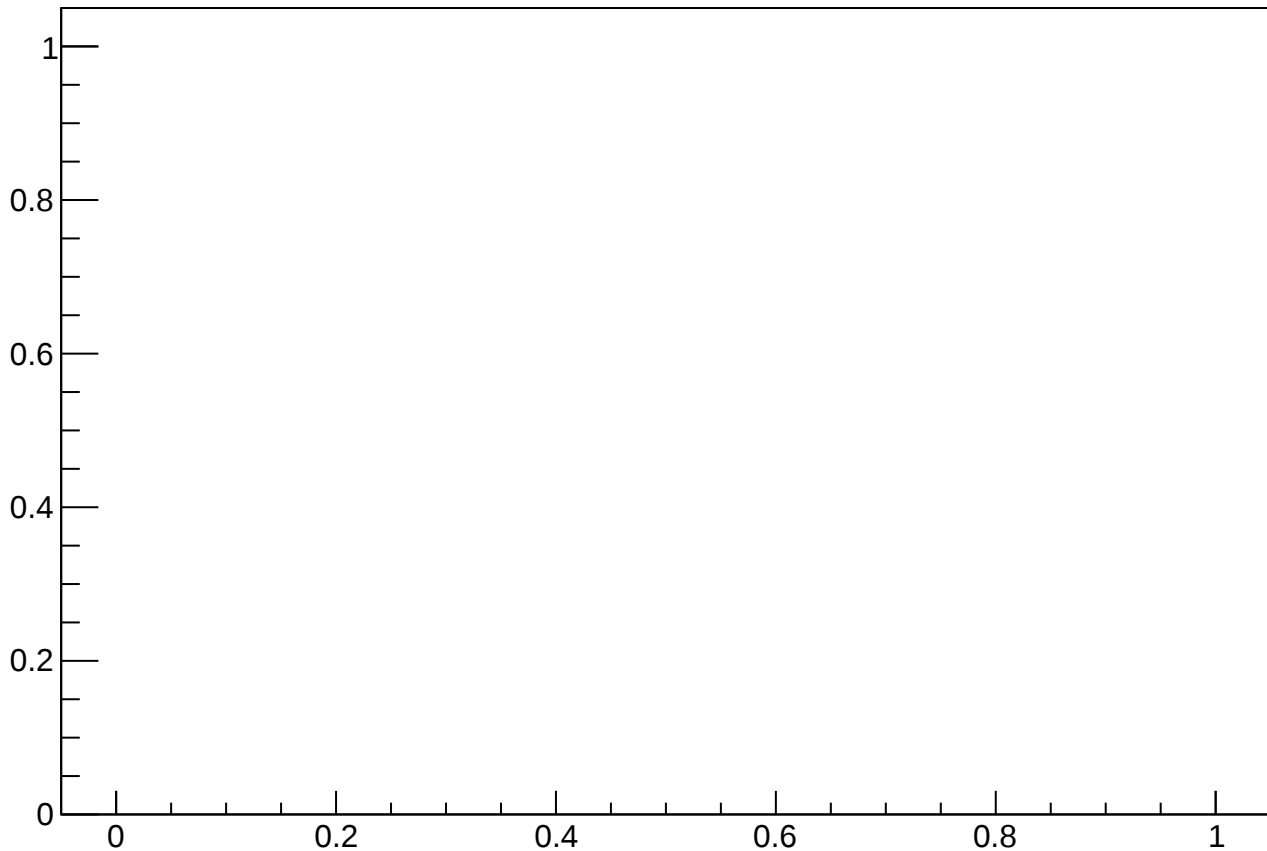
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

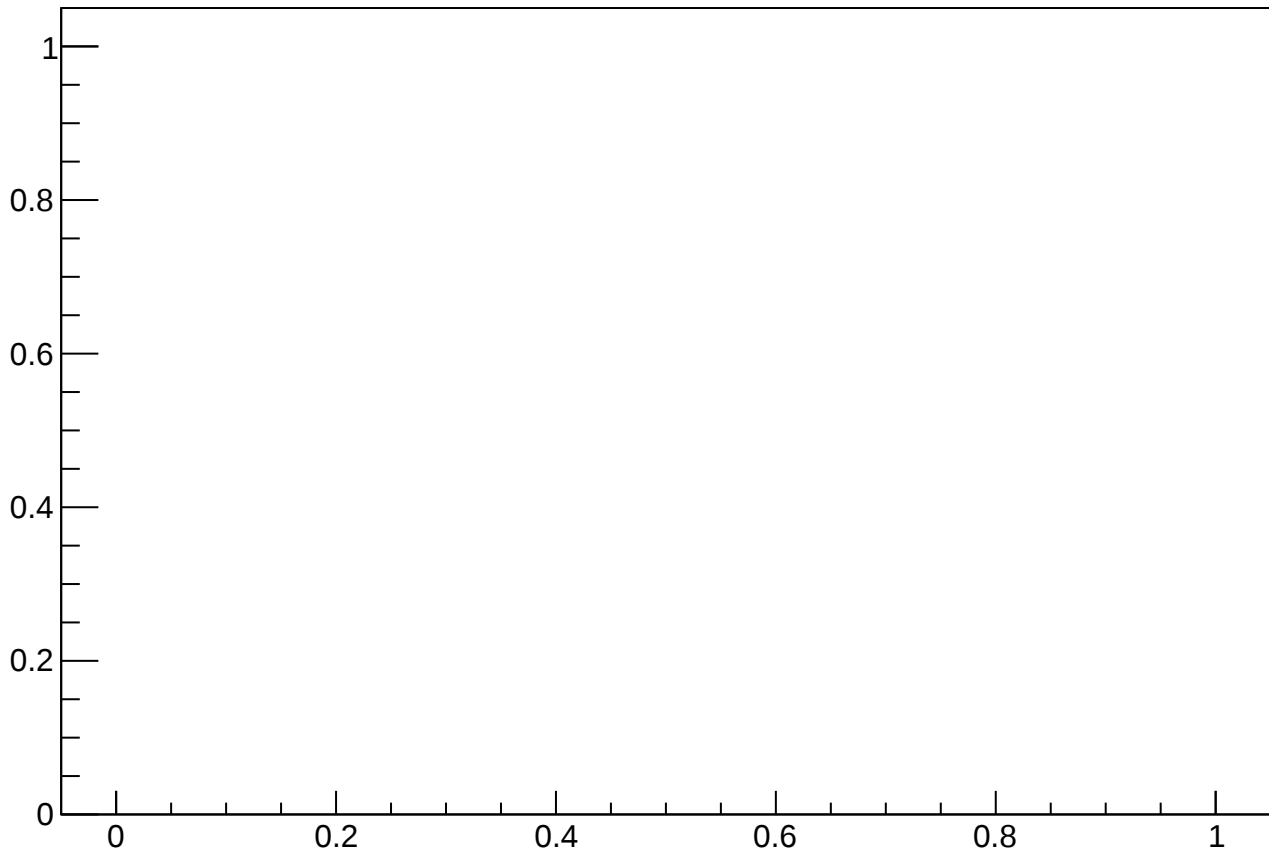
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

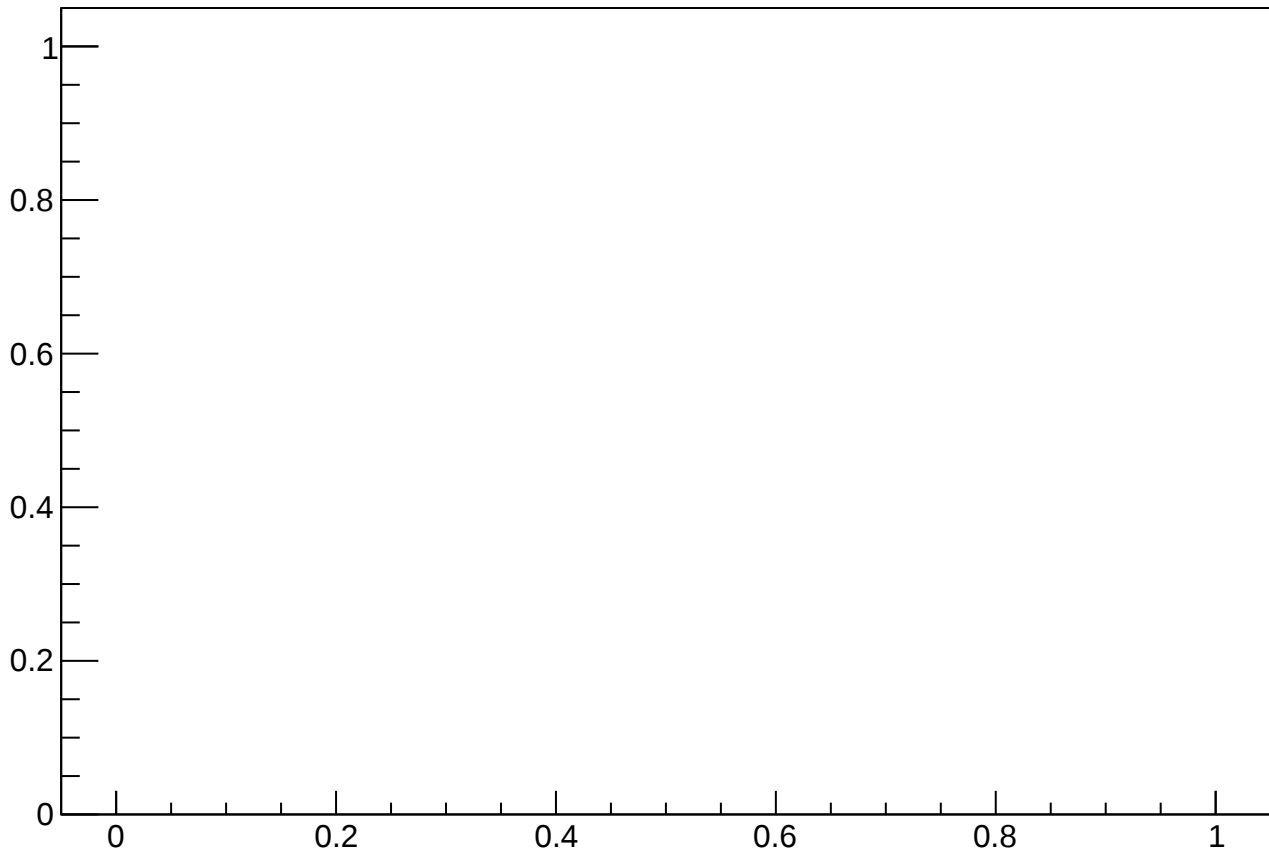
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

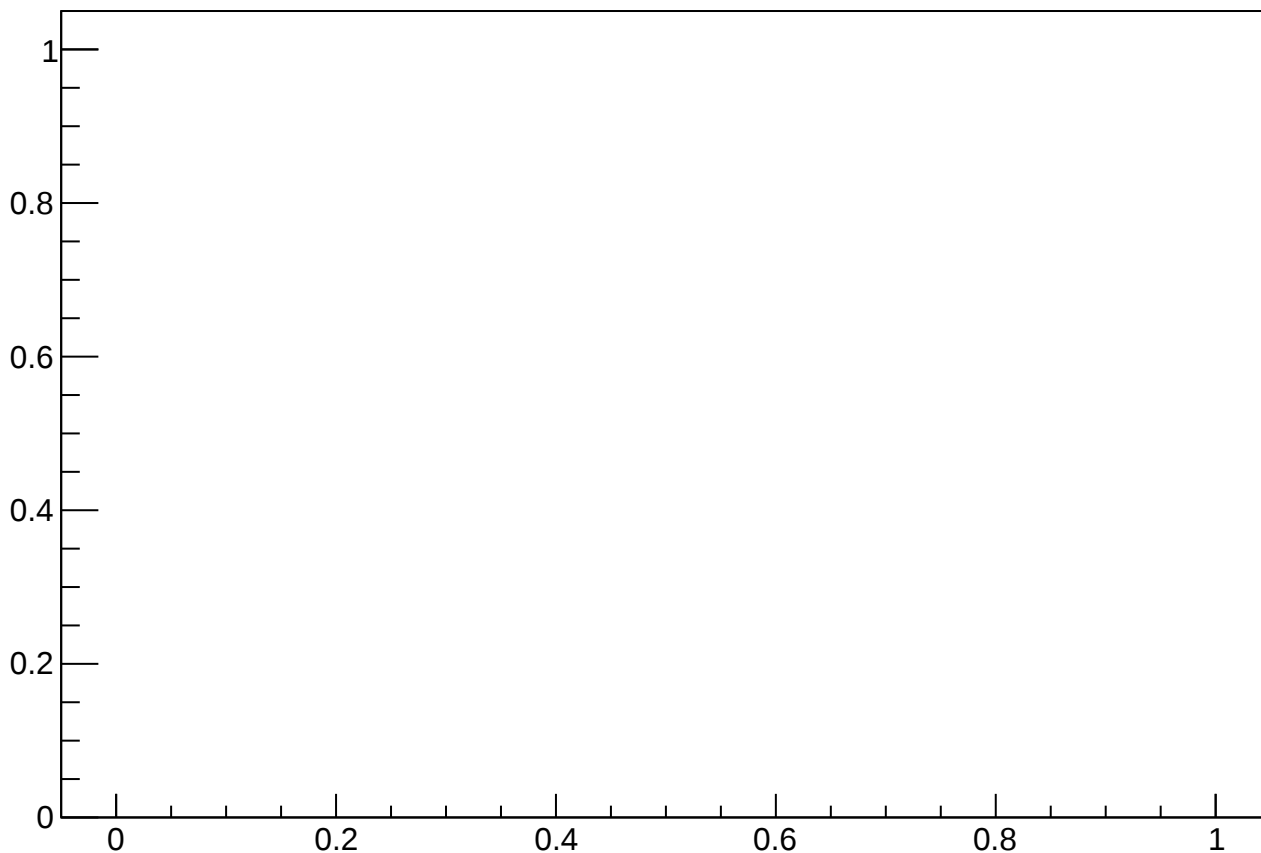
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

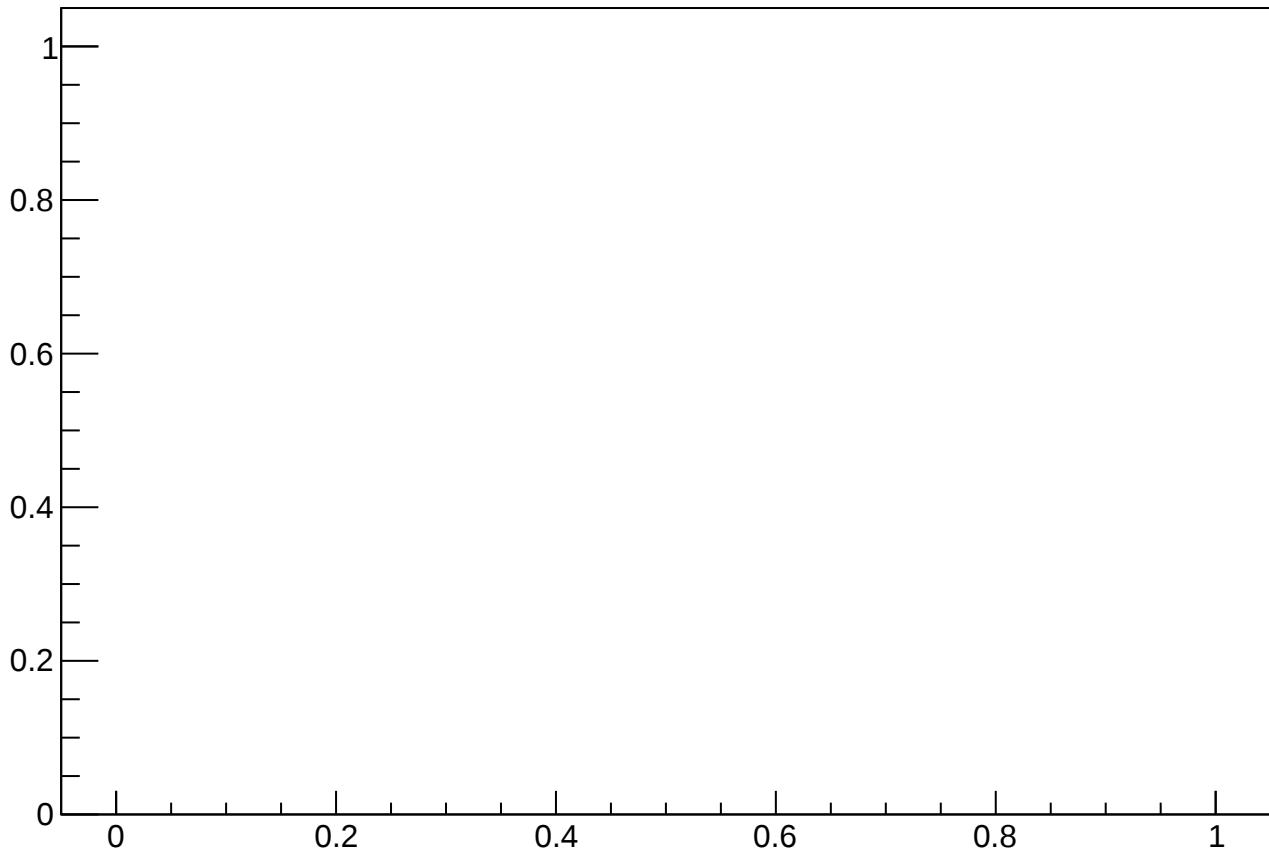
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

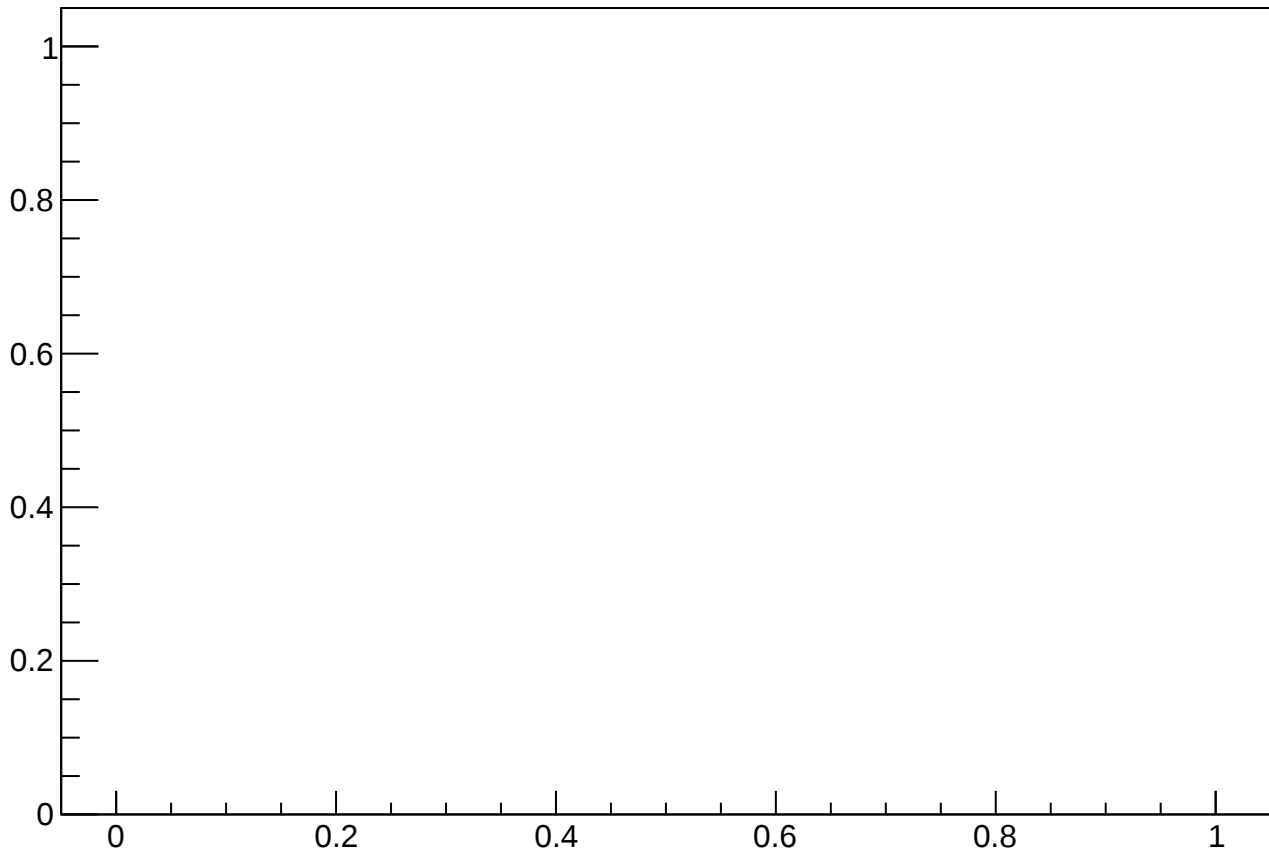
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

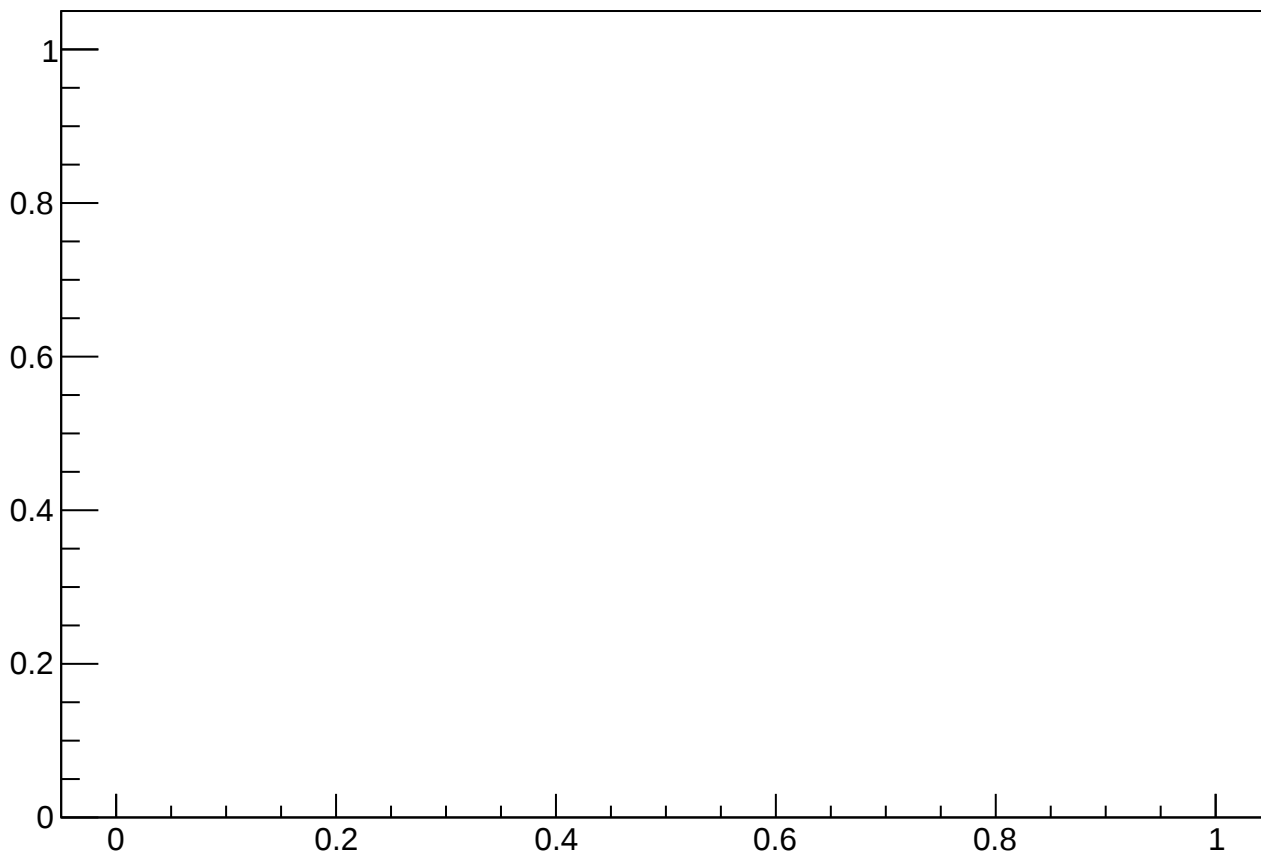
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

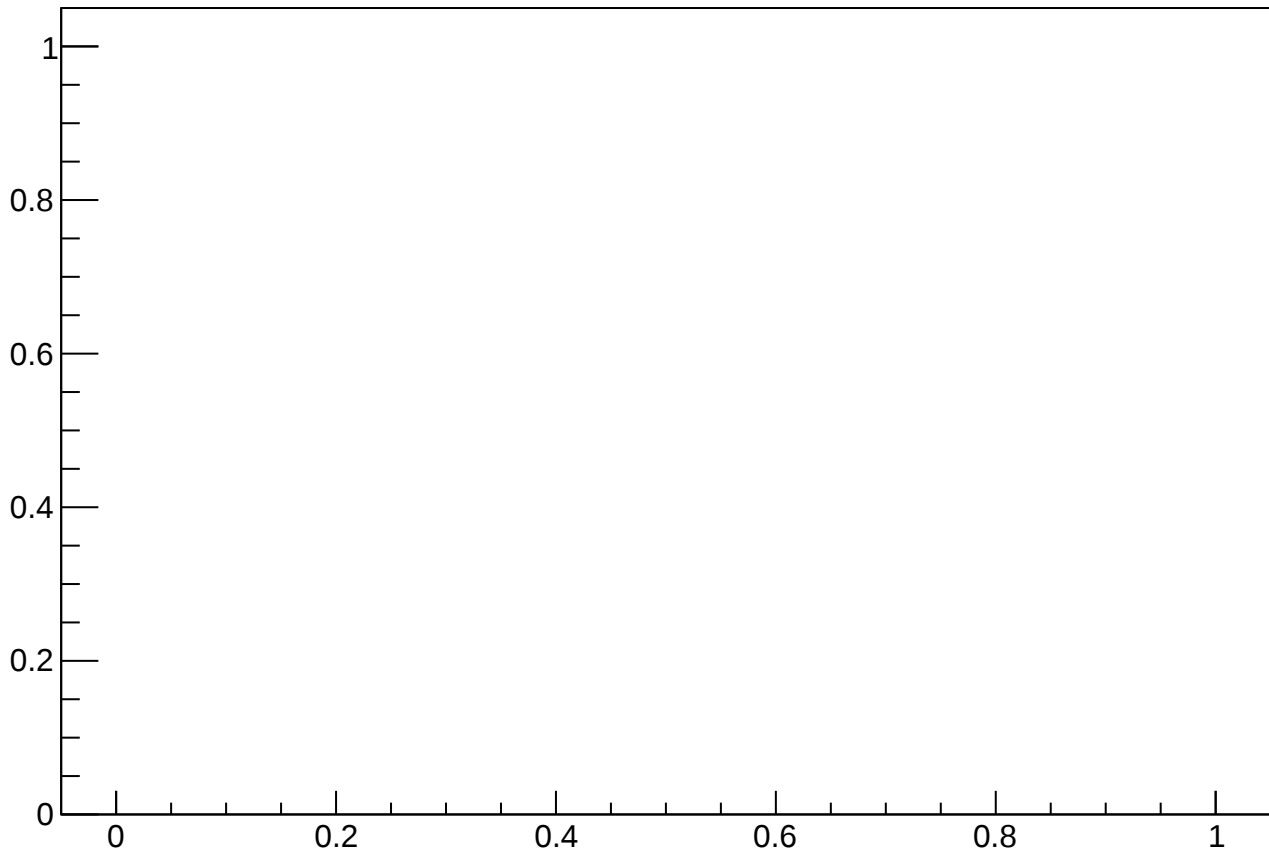
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

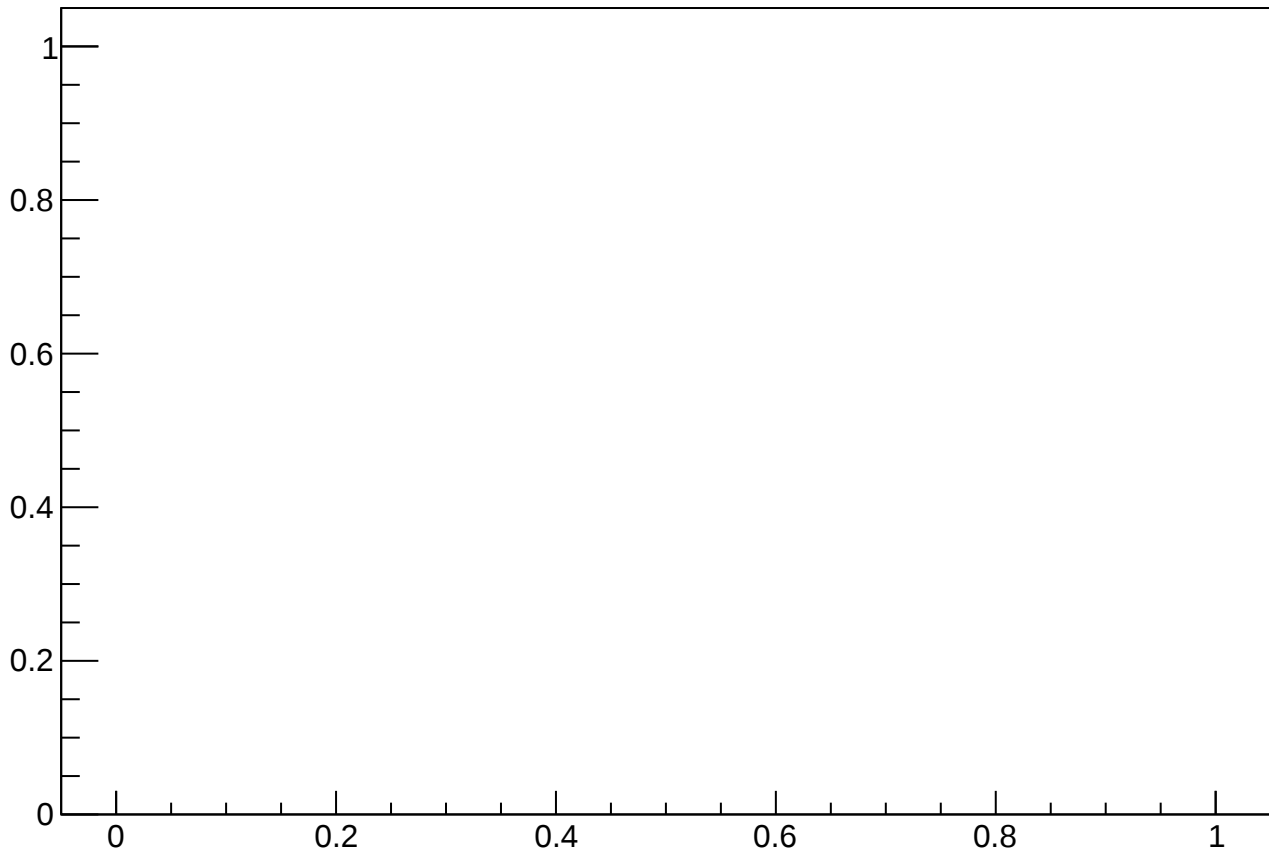
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

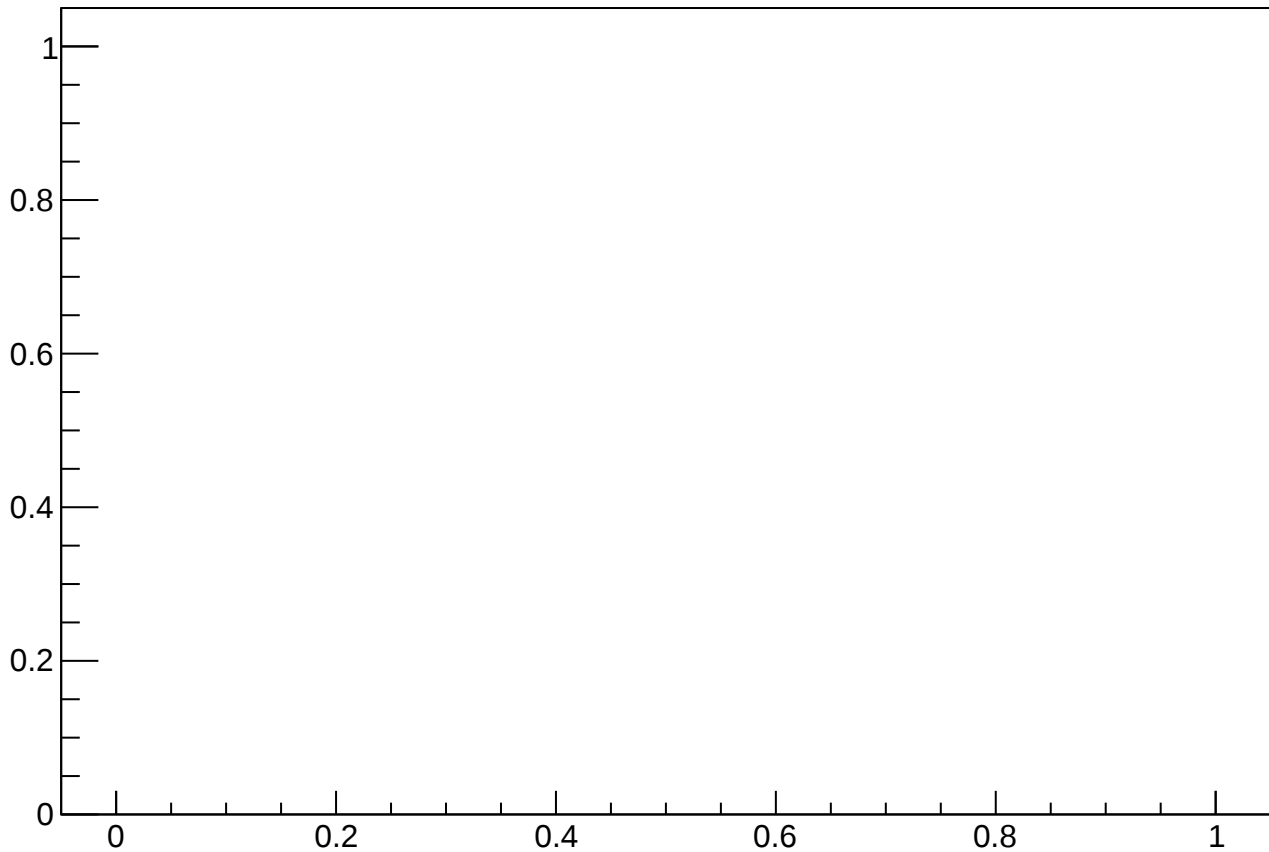
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

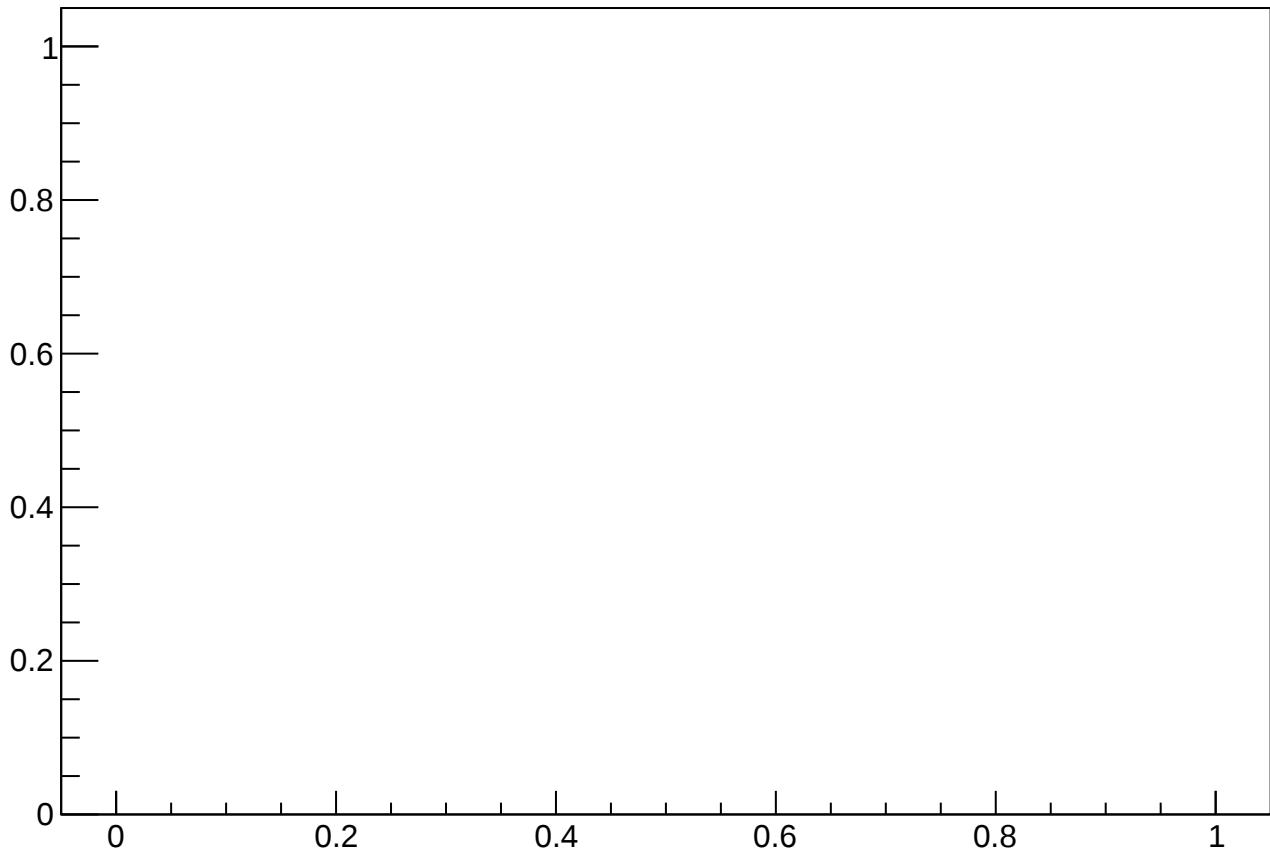
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

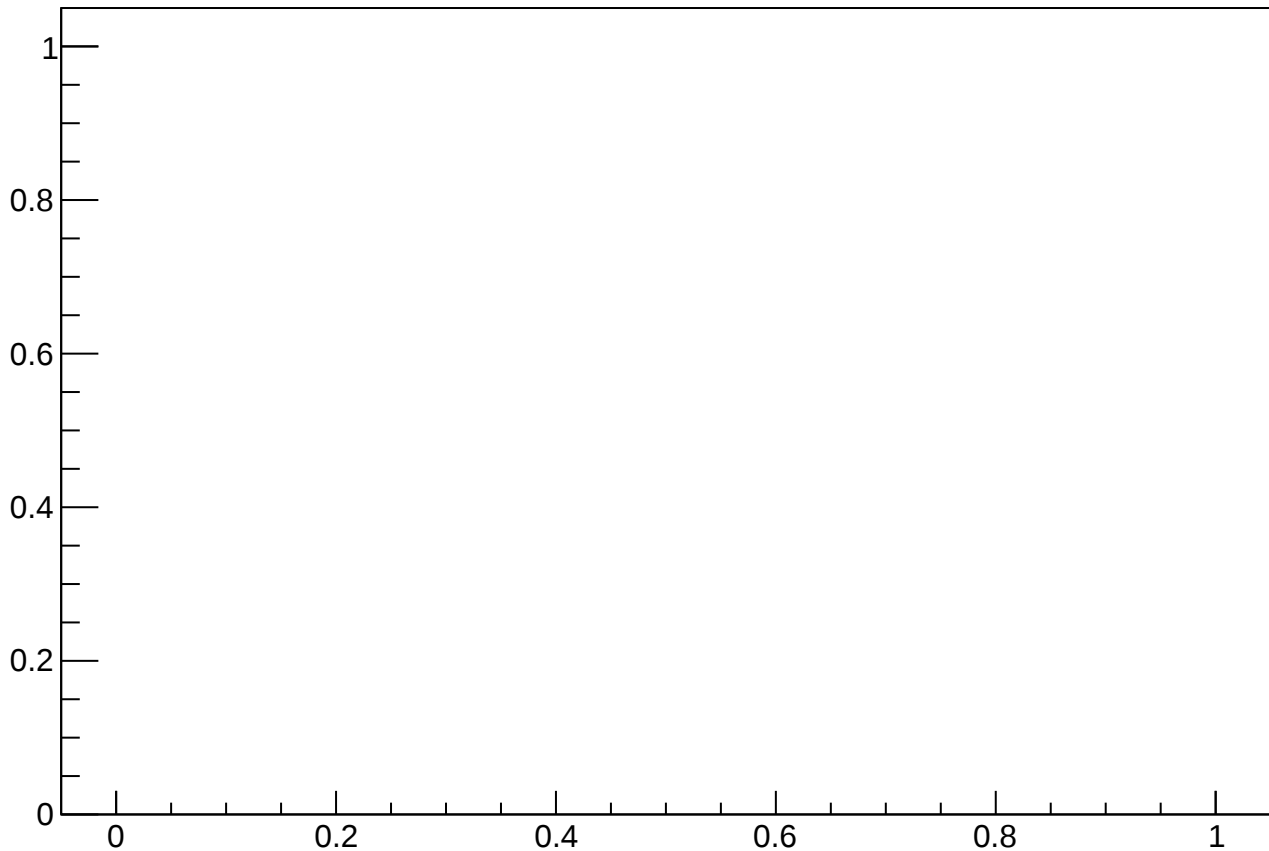
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

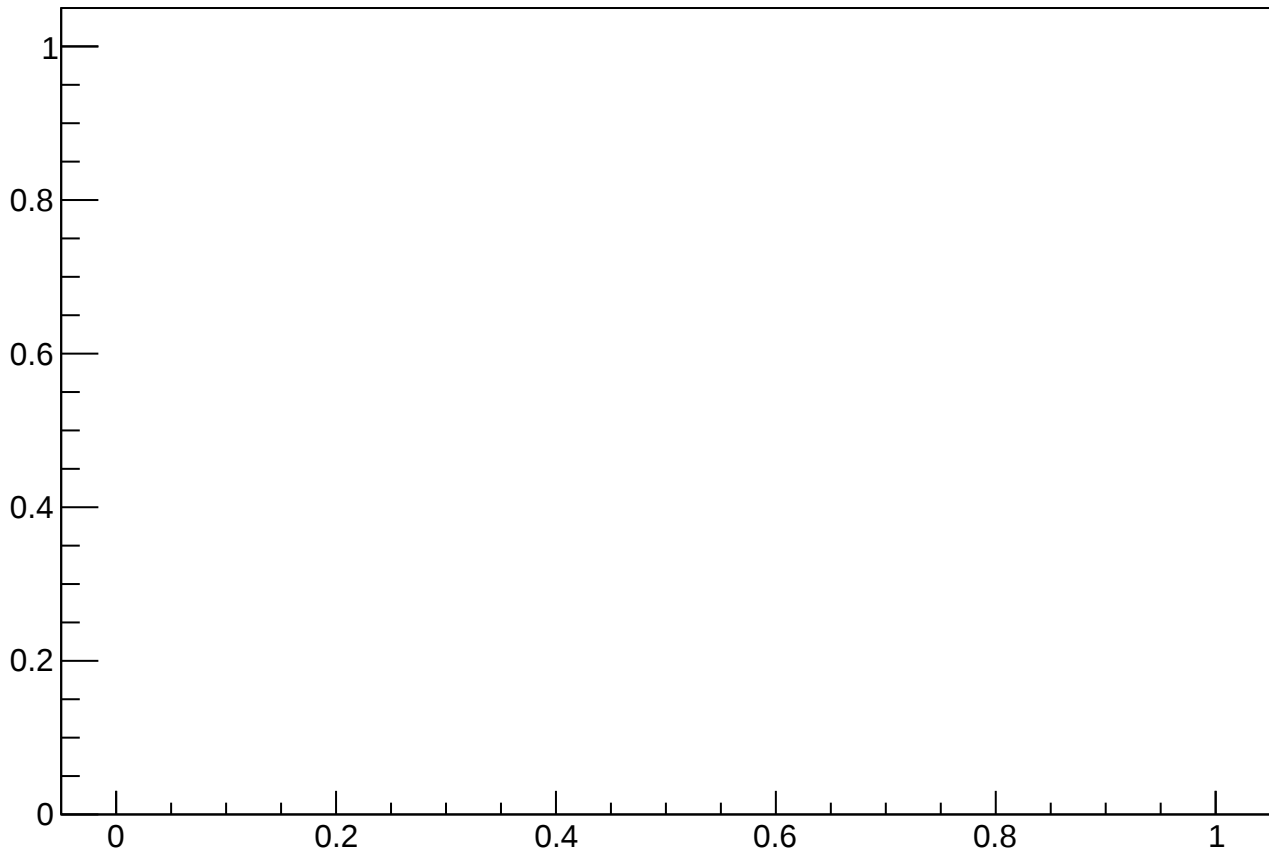
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

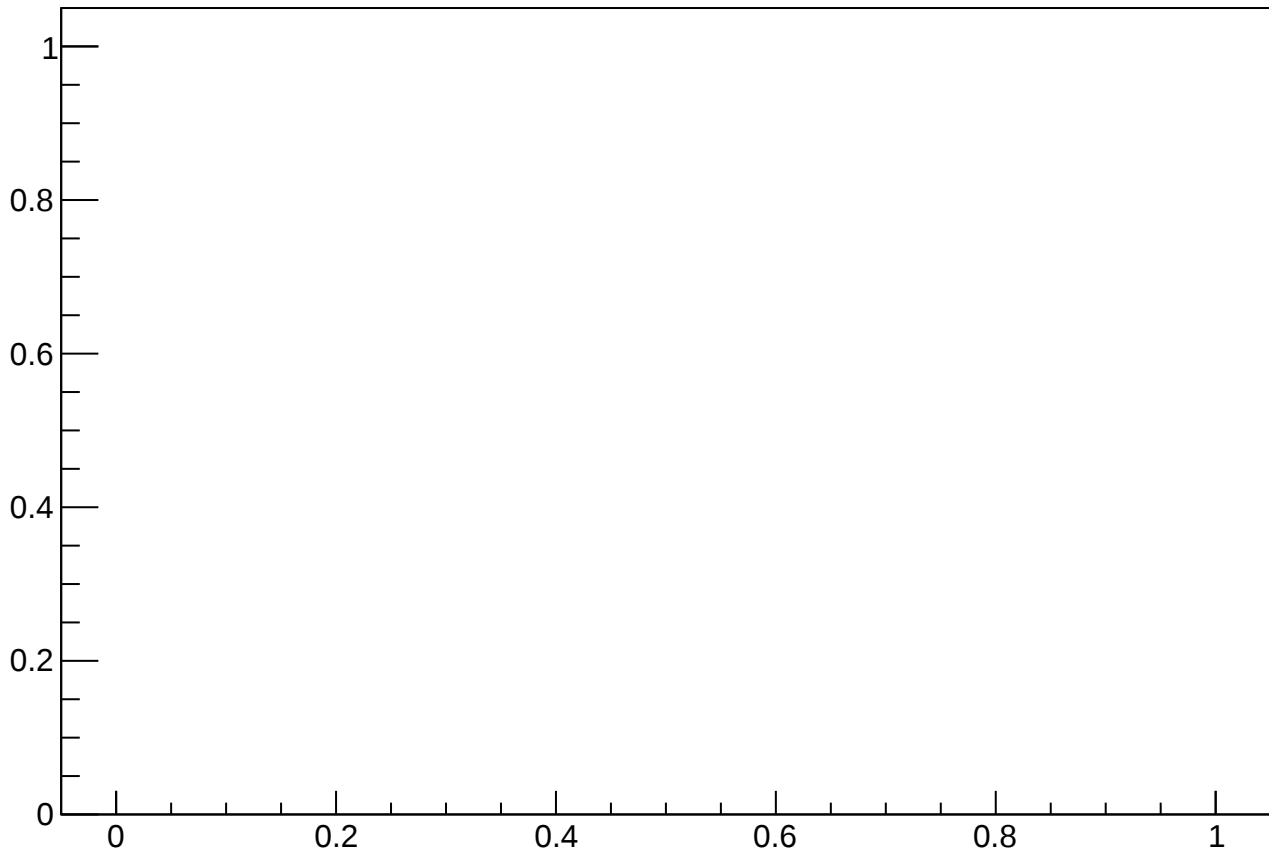
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

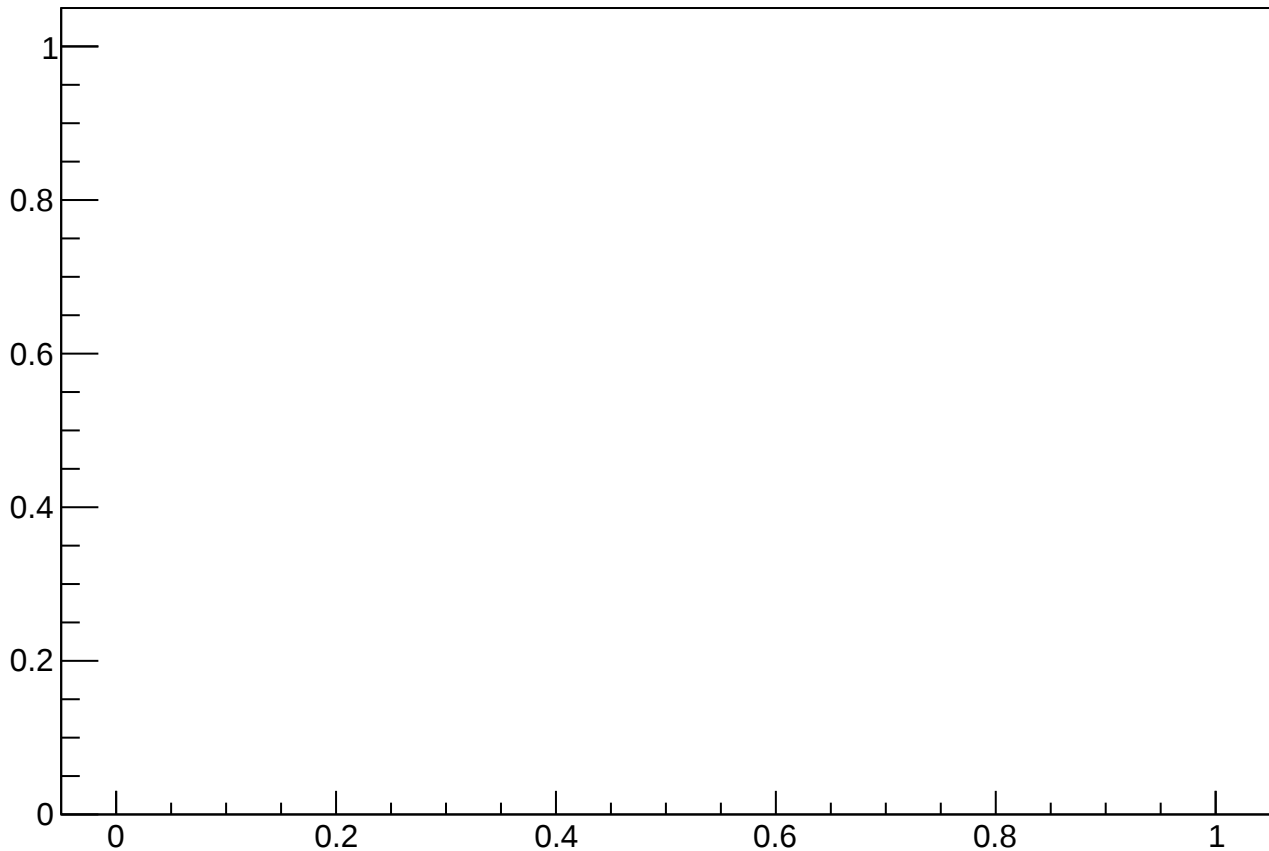
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

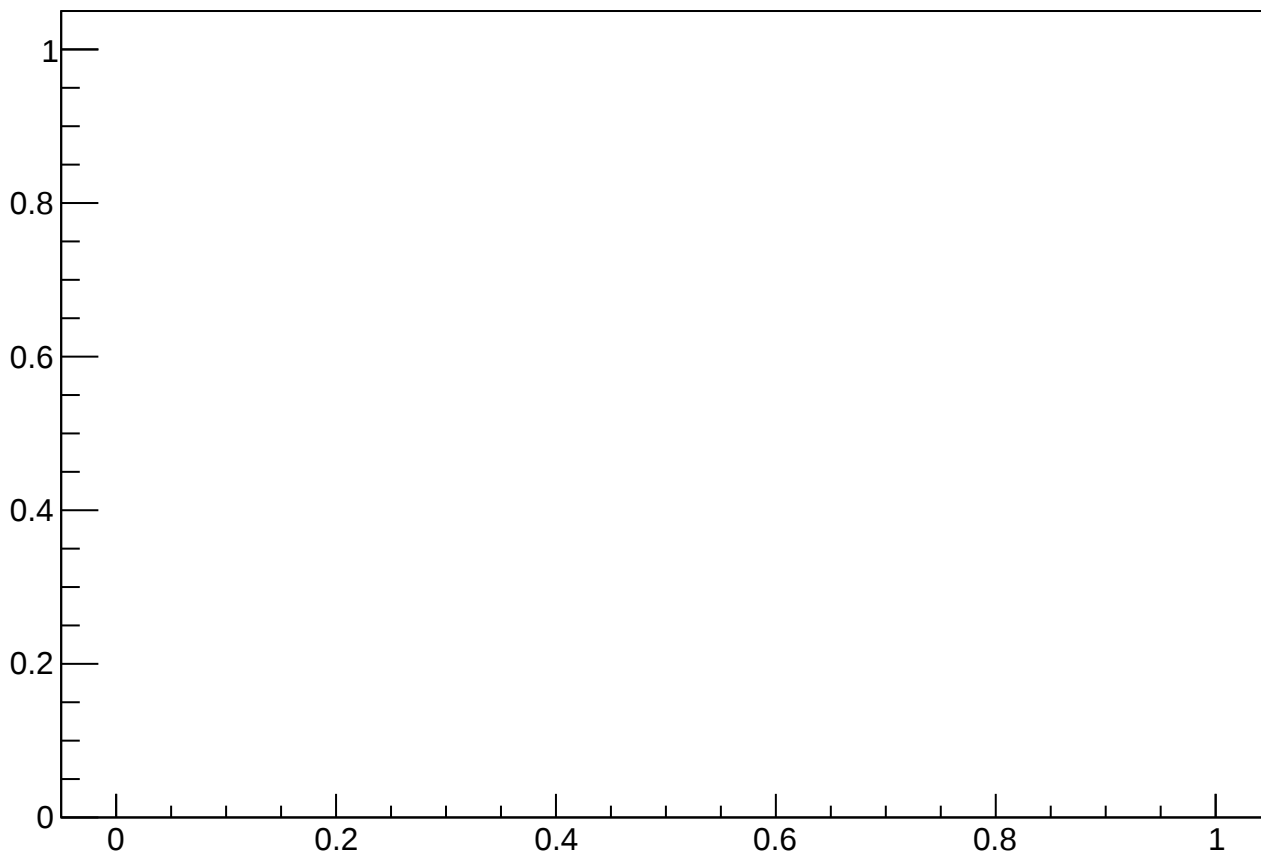
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

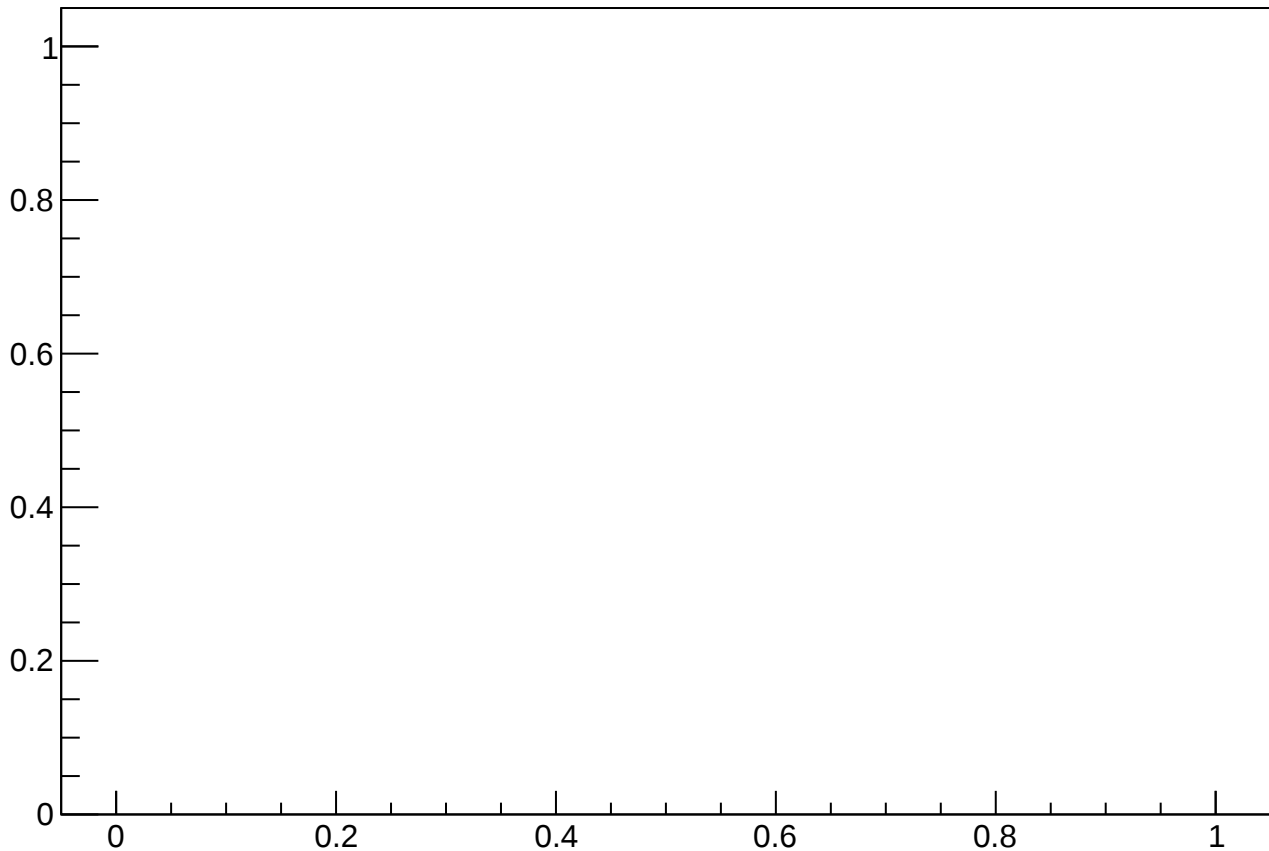
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

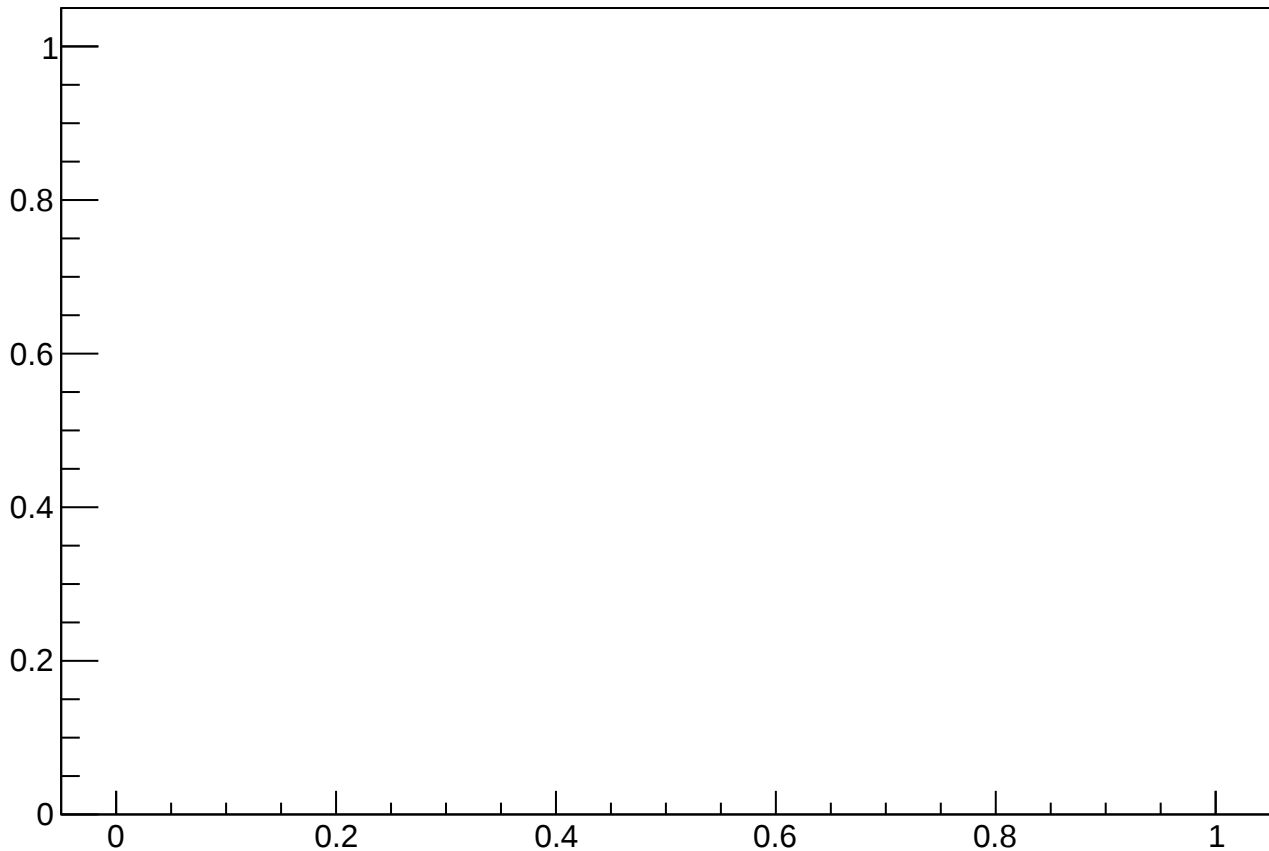
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

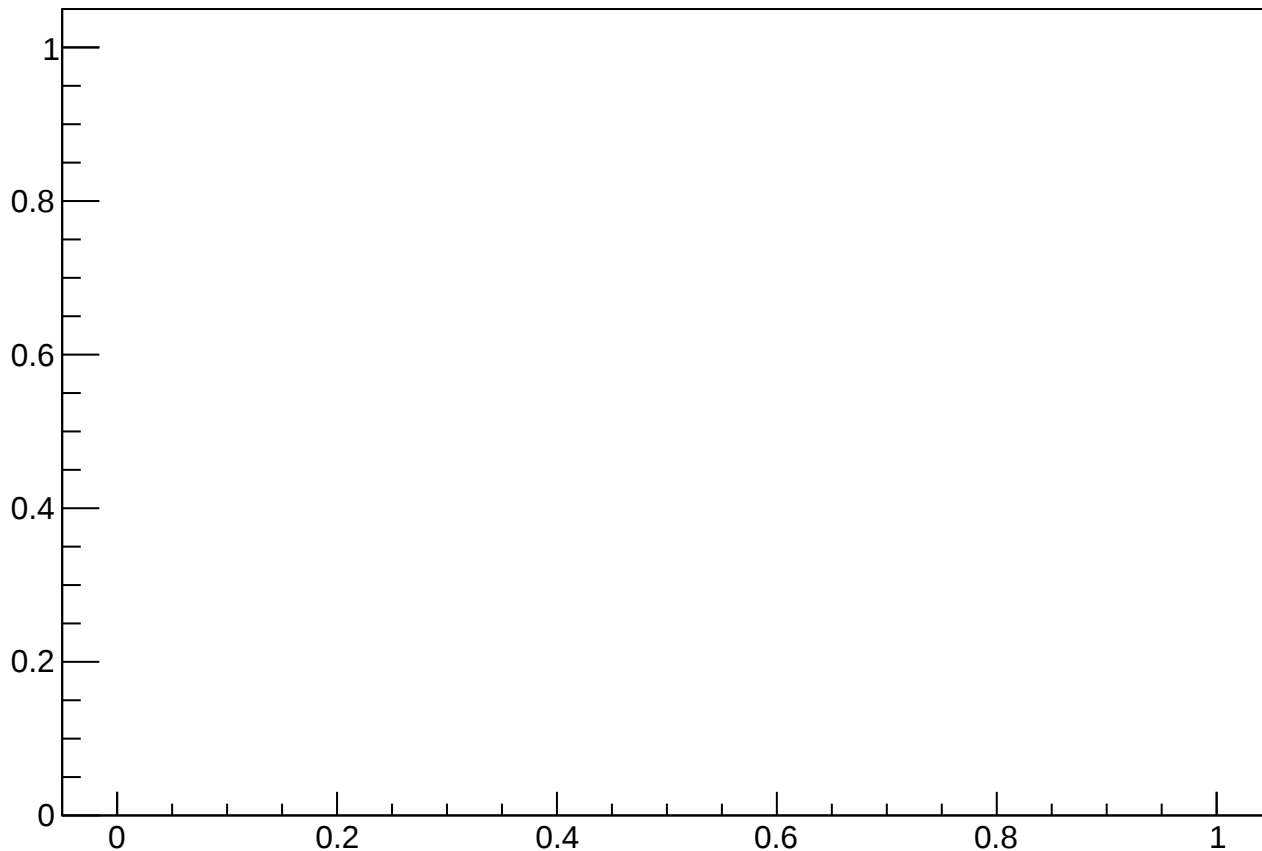
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

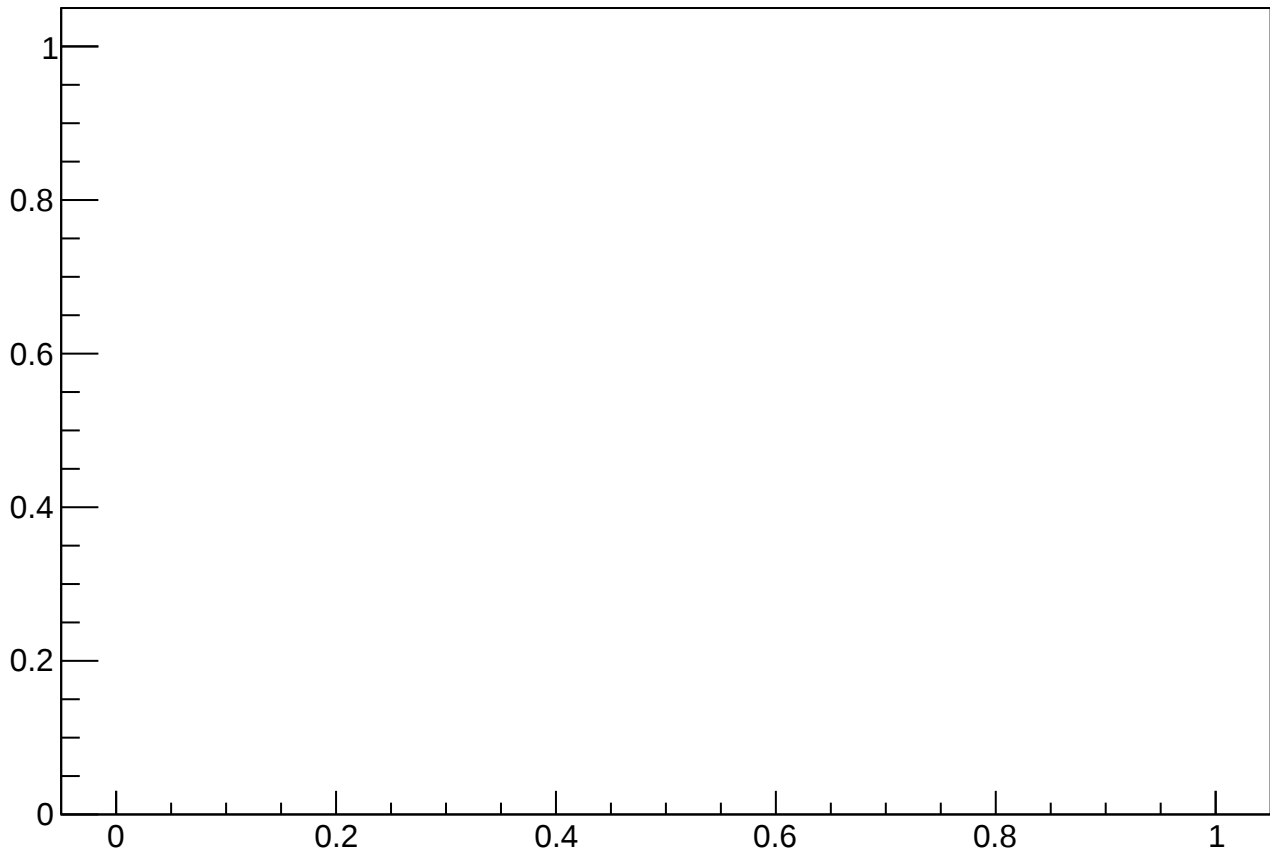
dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

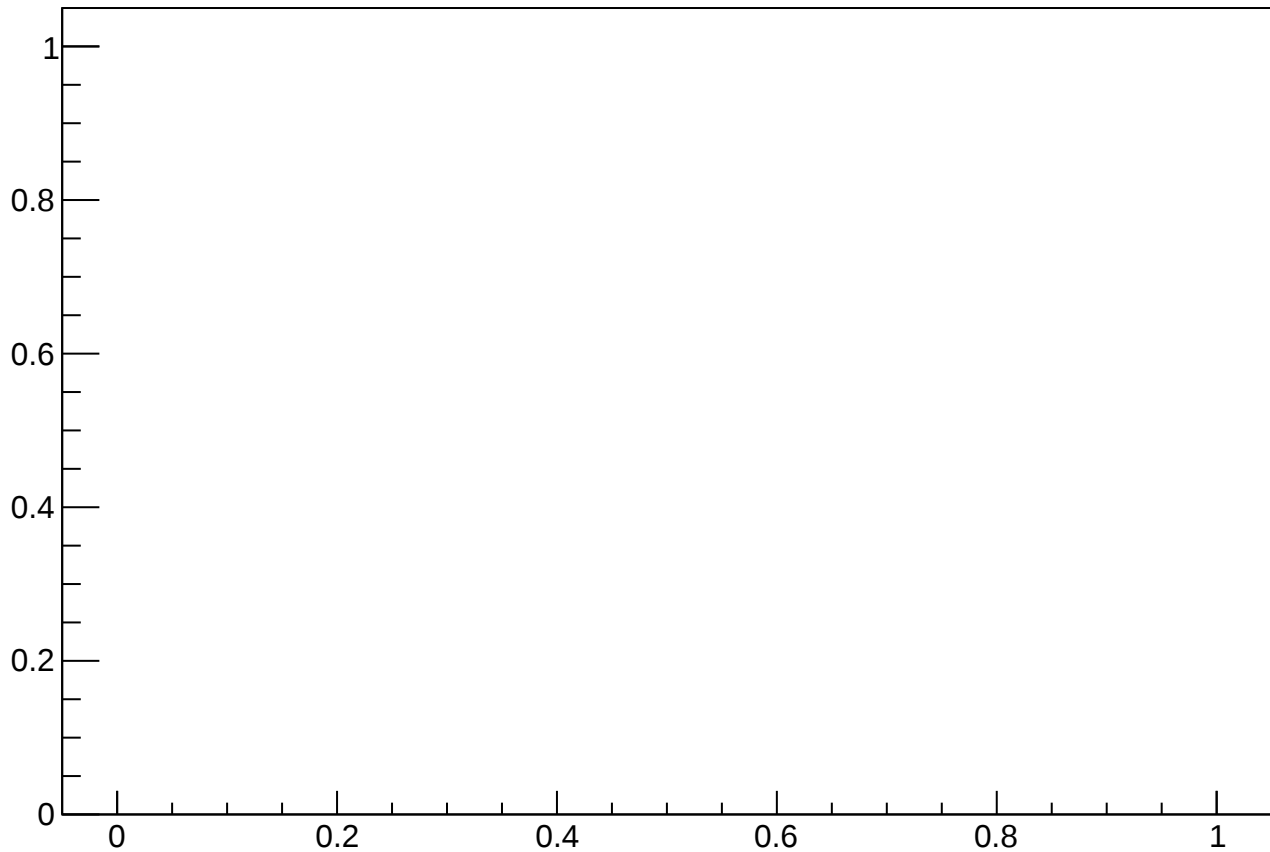
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

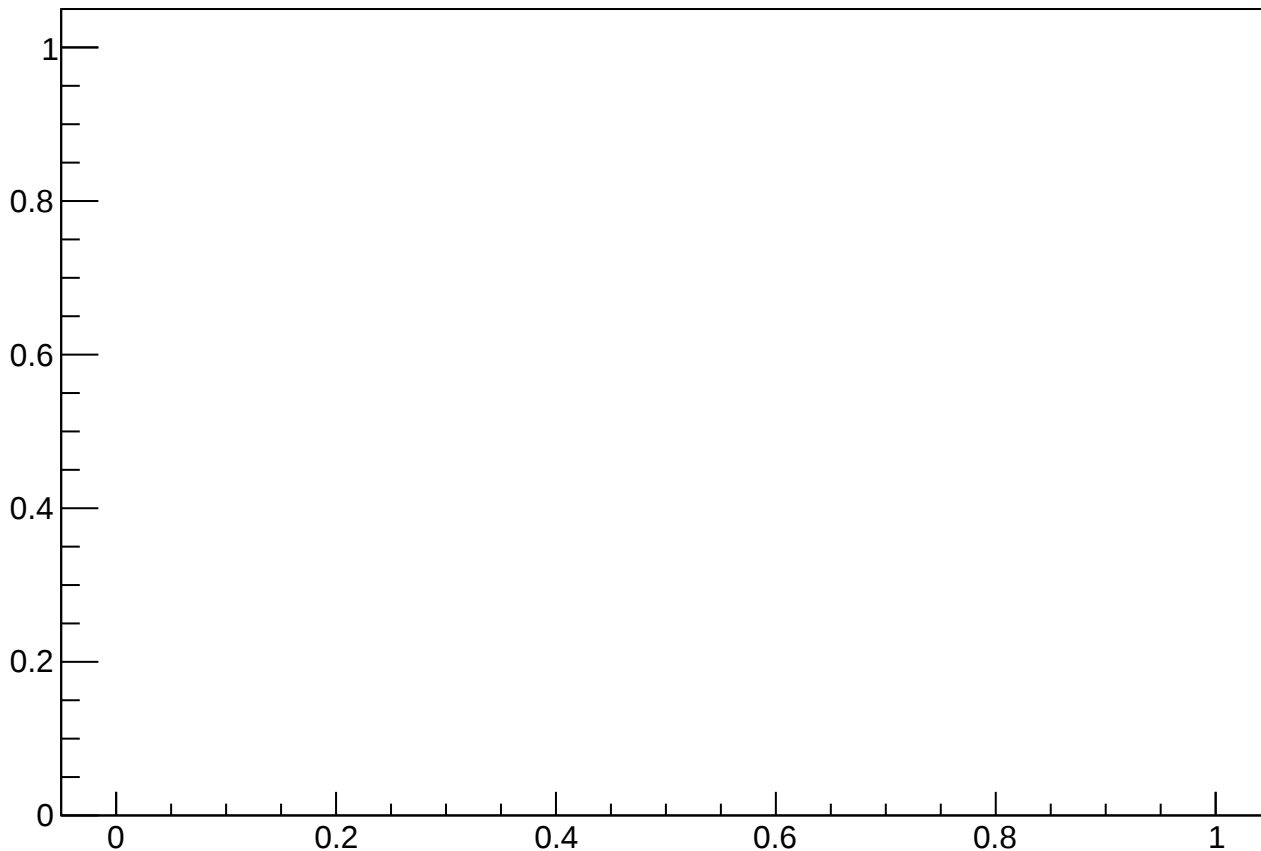
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

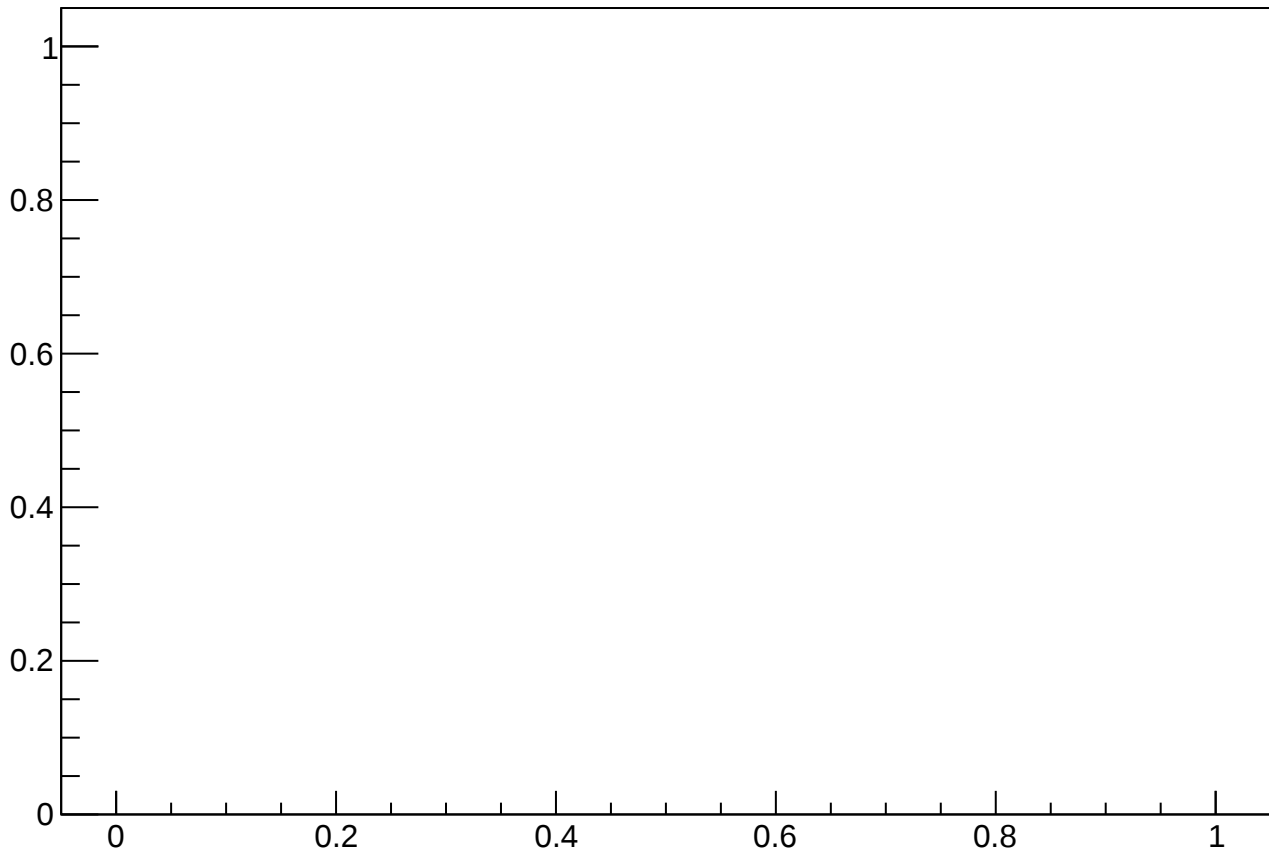
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

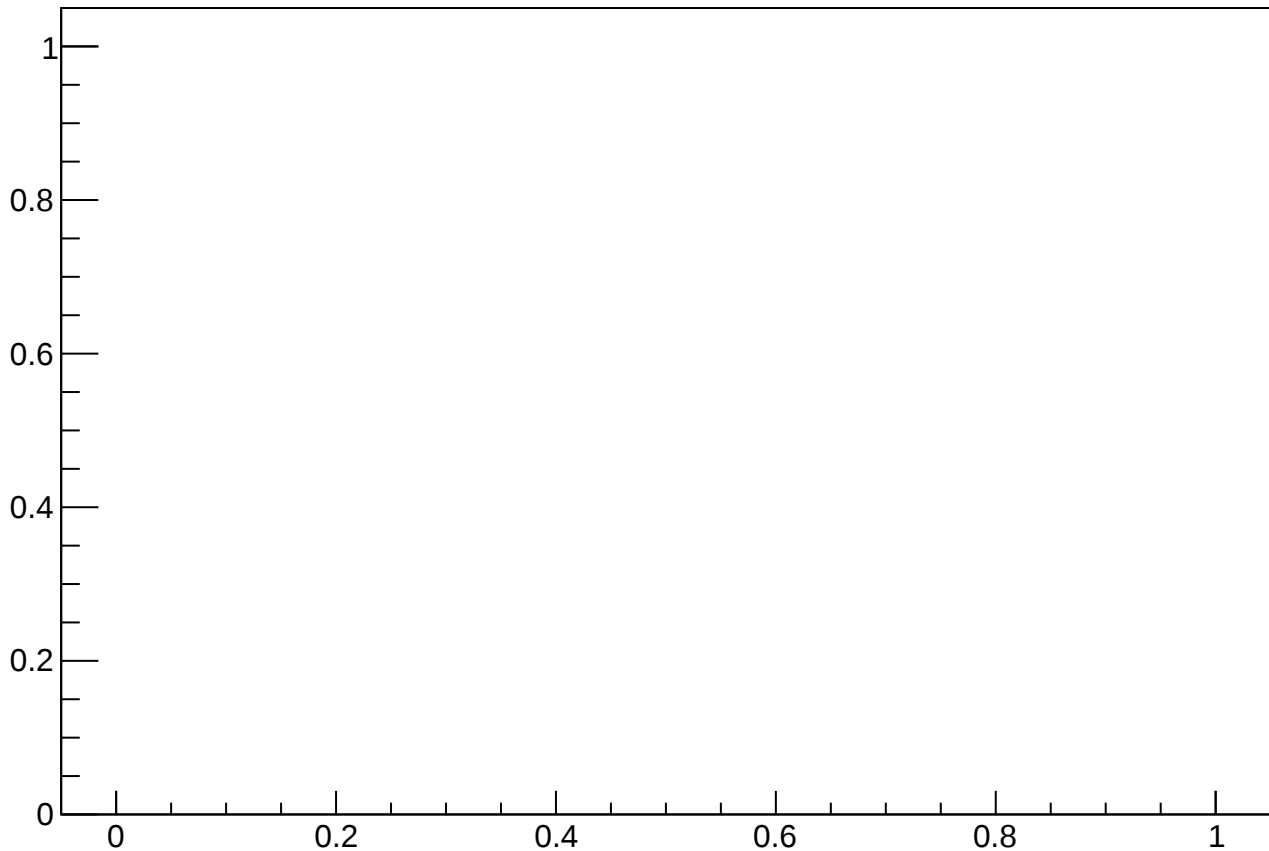
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

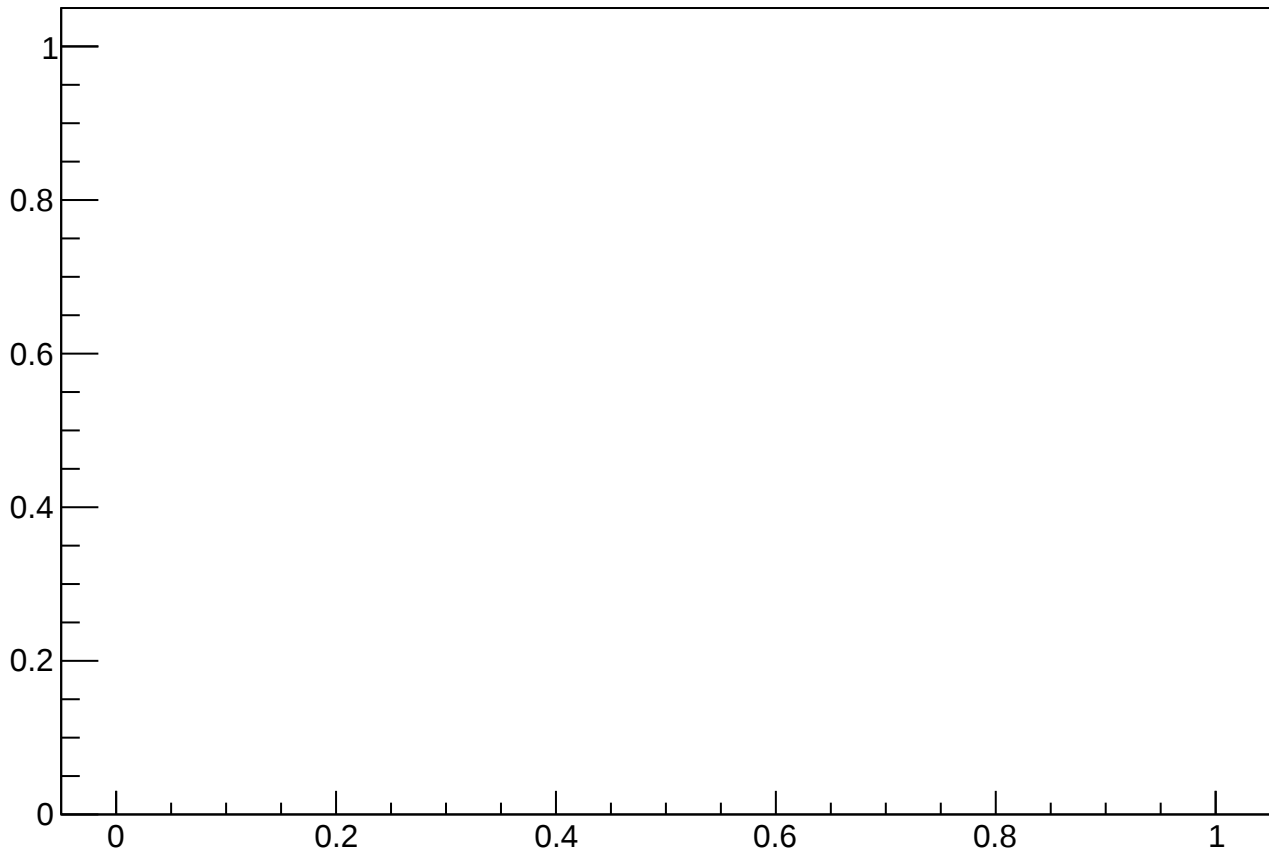
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

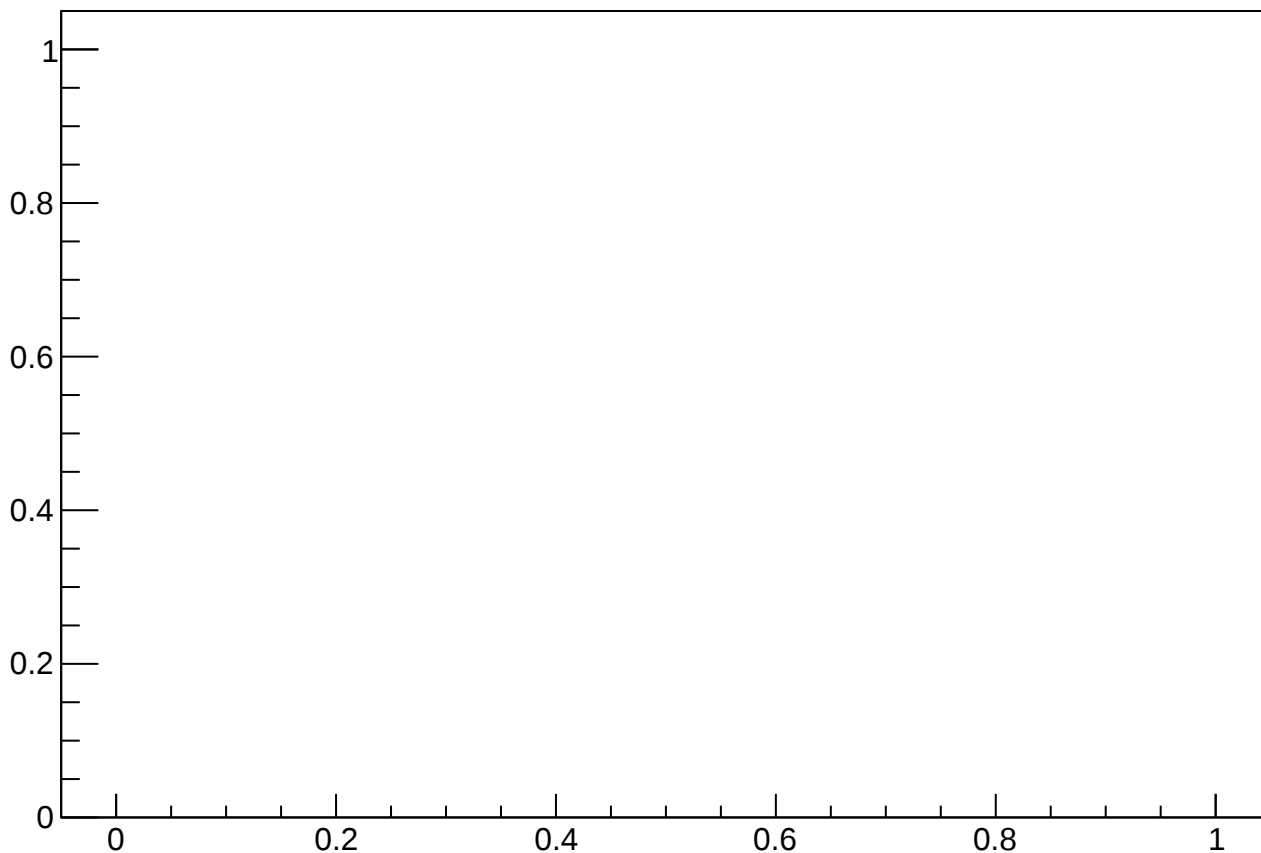
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

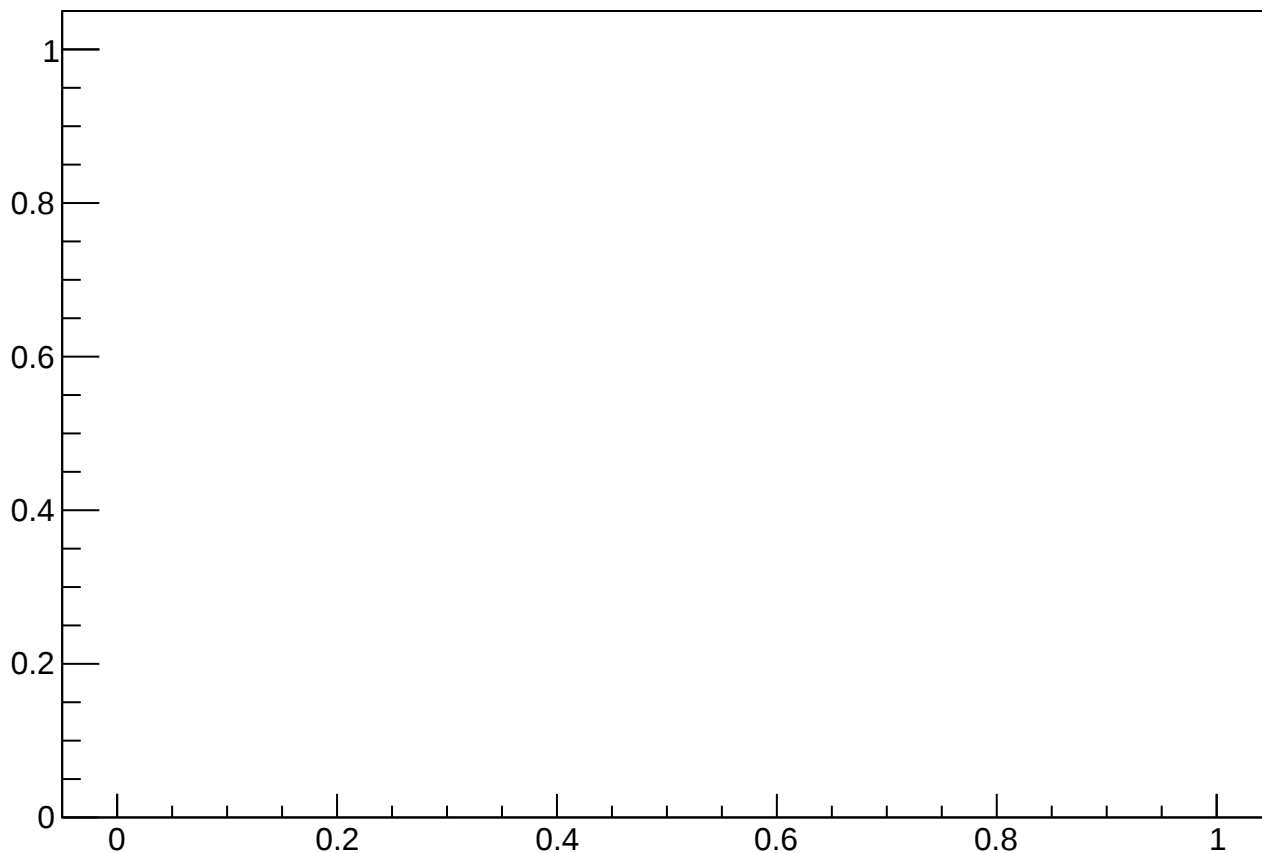
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

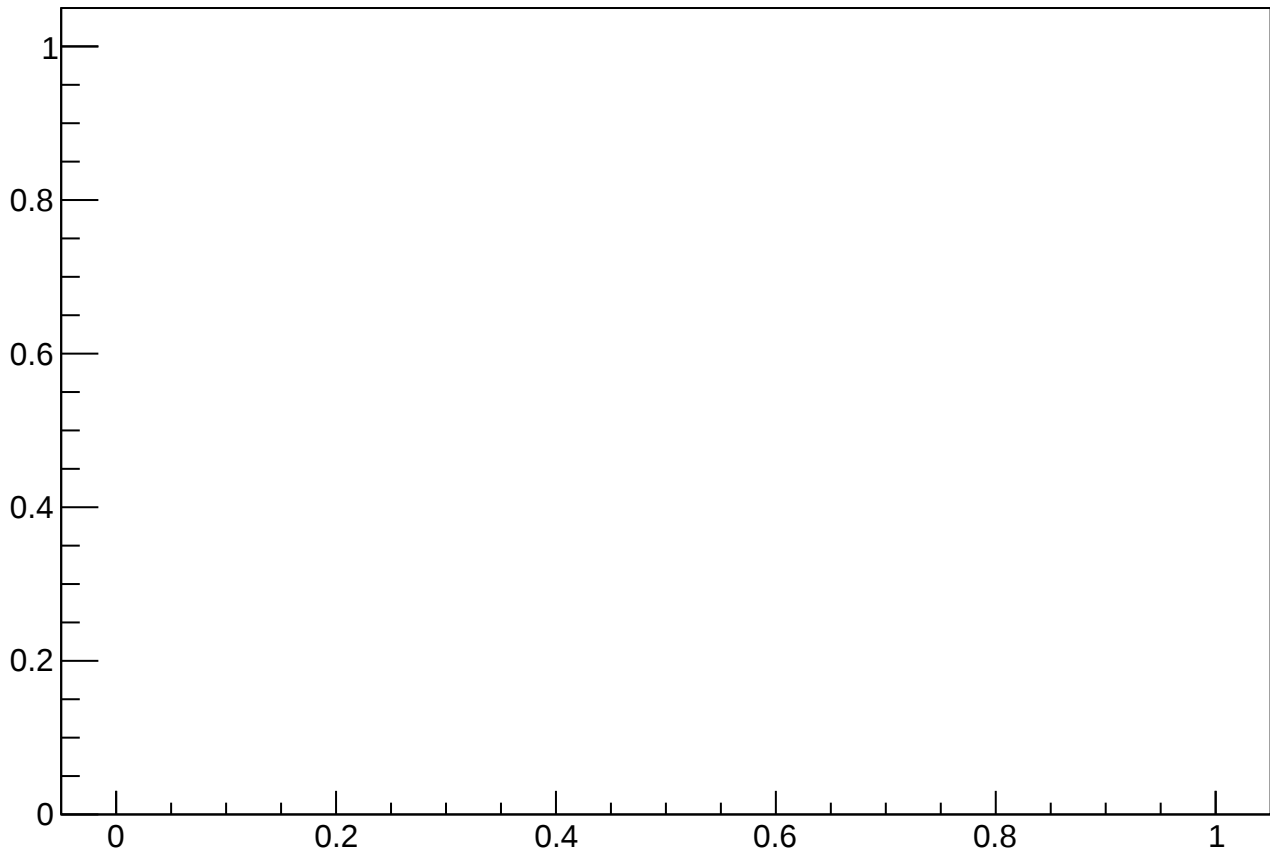
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

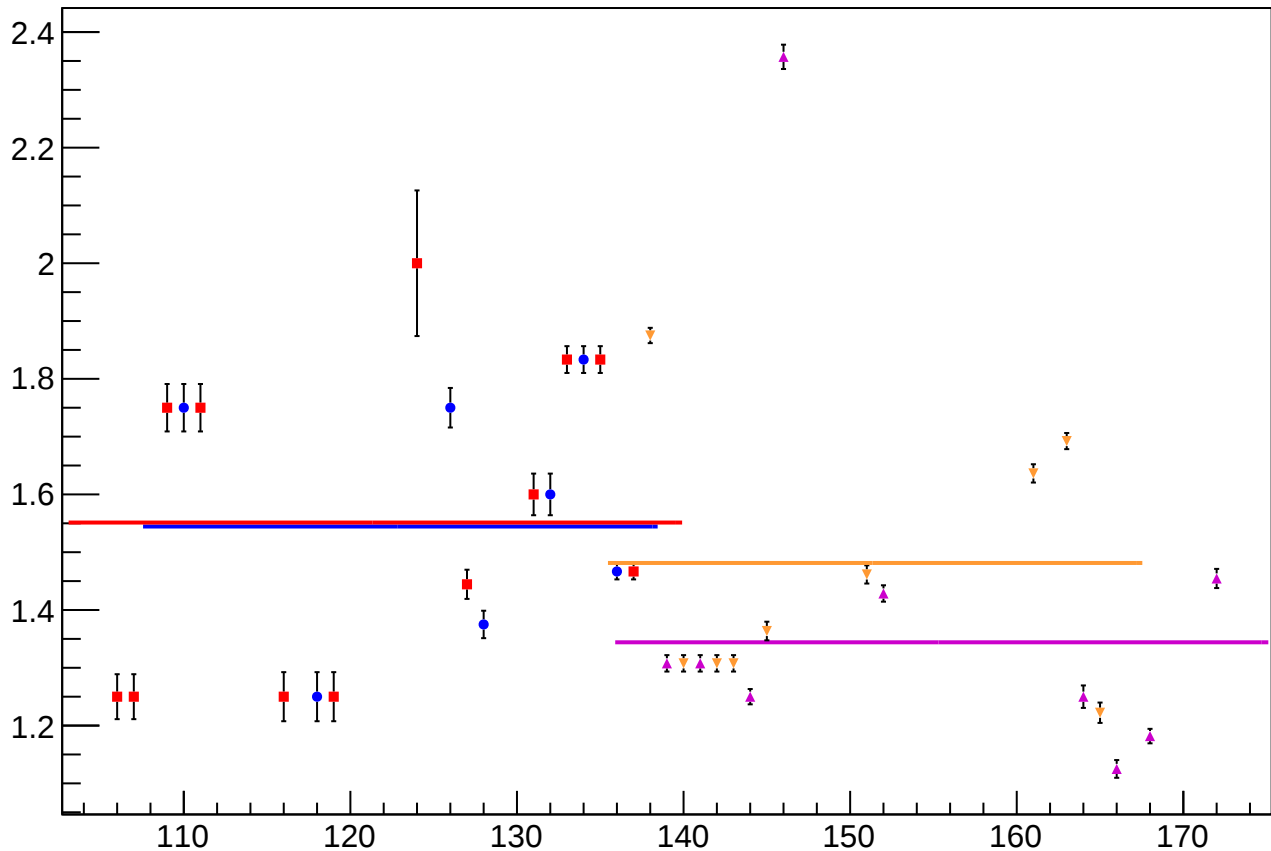
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF :2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2/NDF : 5158.2/17

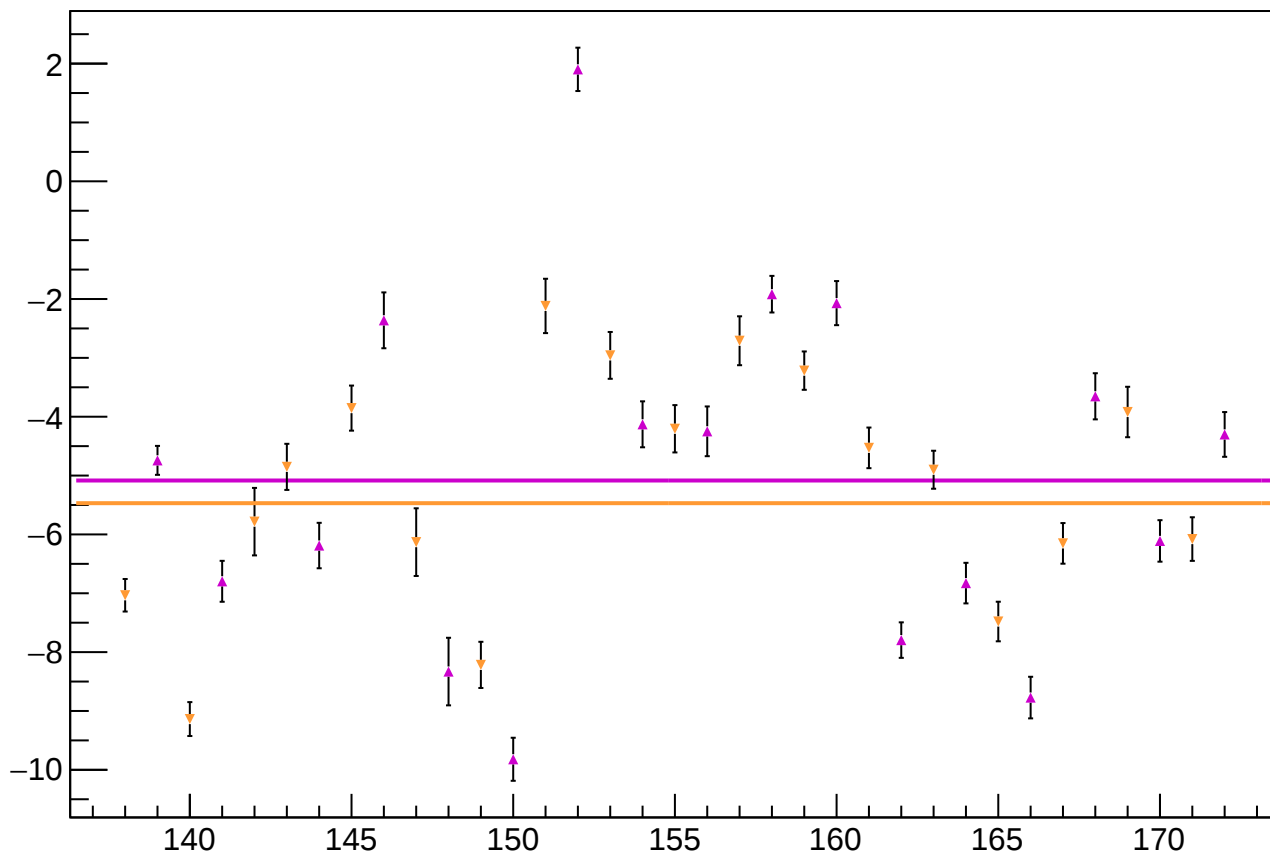
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.9/36

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.469+/-0.087 χ^2/NDF : 525.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.084+/-0.087 χ^2/NDF : 1046.3/16

Left: -5.276+/-0.062 χ^2/NDF : 1581.4/34

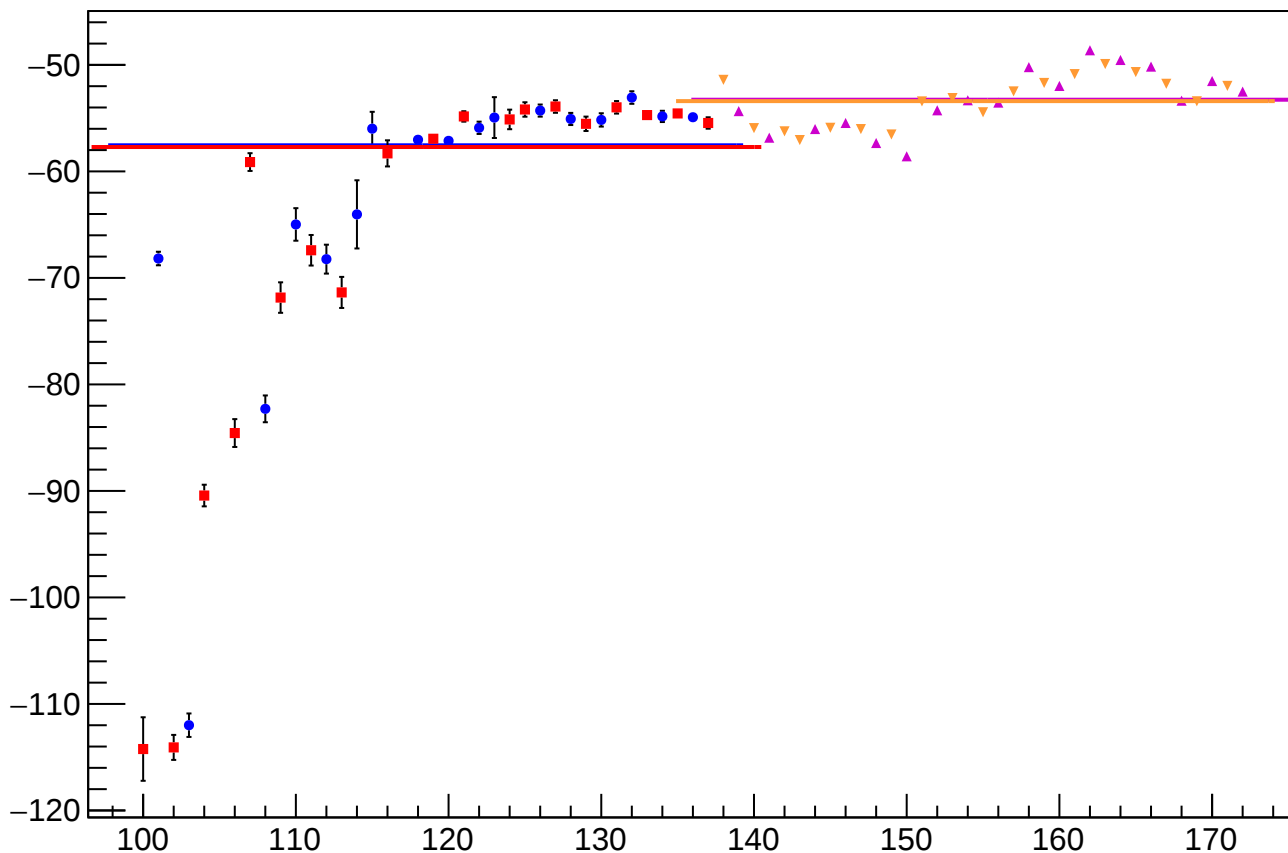
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.084+/-0.087 χ^2/NDF : 1046.3/16

Out: -5.469+/-0.087 χ^2/NDF : 525.4/17

All: -5.276+/-0.062 χ^2/NDF : 1581.4/34

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.401 ± 0.065 χ^2/NDF : 1221.1/17

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.271 ± 0.067 χ^2/NDF : 1928.9/16

Left: -53.338 ± 0.047 χ^2/NDF : 3152.0/34

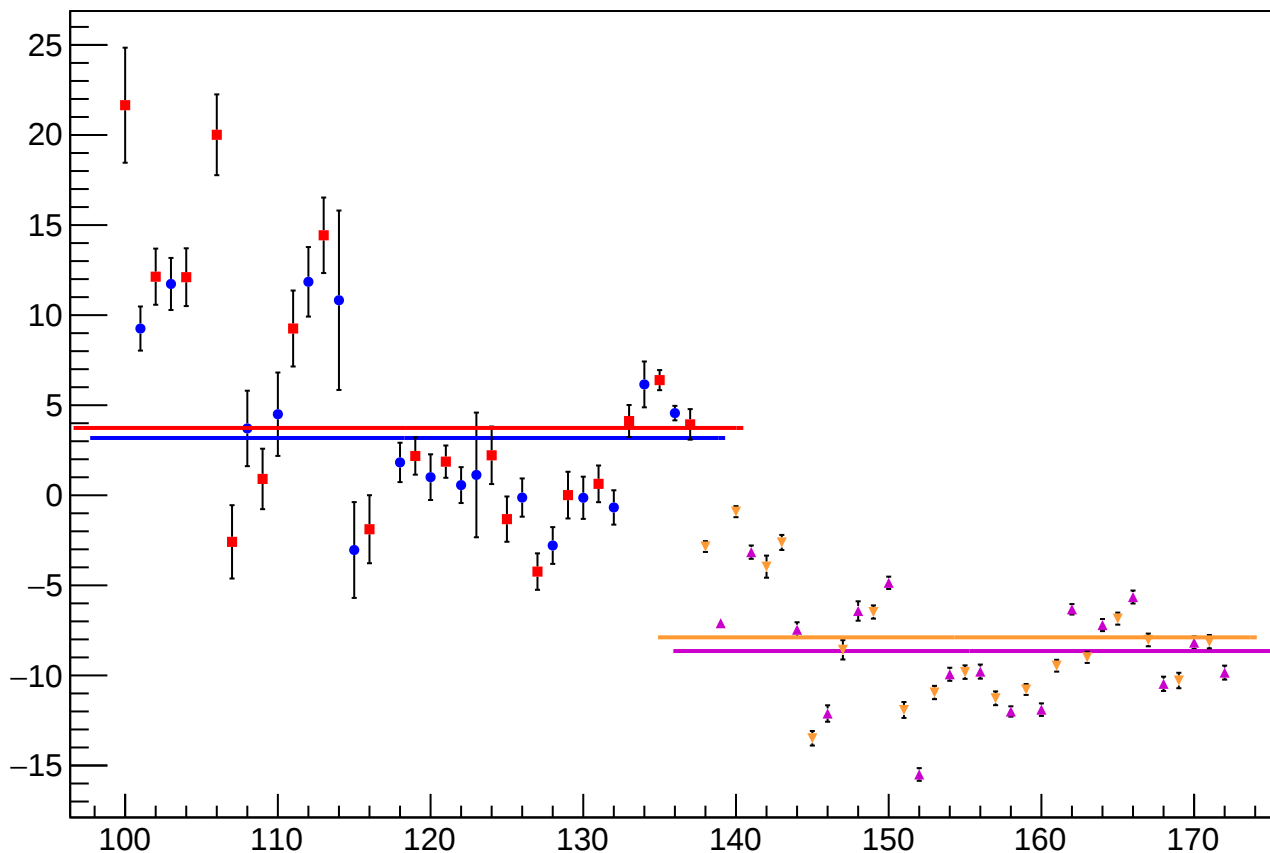
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.055 ± 0.061 χ^2/NDF : 6135.0/33

Out: -54.147 ± 0.059 χ^2/NDF : 6678.3/36

All: -54.102 ± 0.042 χ^2/NDF : 12814.5/70

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.886 ± 0.087 $\chi^2/\text{NDF}: 1632.6/17$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.646 ± 0.086 $\chi^2/\text{NDF}: 1266.5/16$

Left: -8.269 ± 0.061 $\chi^2/\text{NDF}: 2938.1/34$

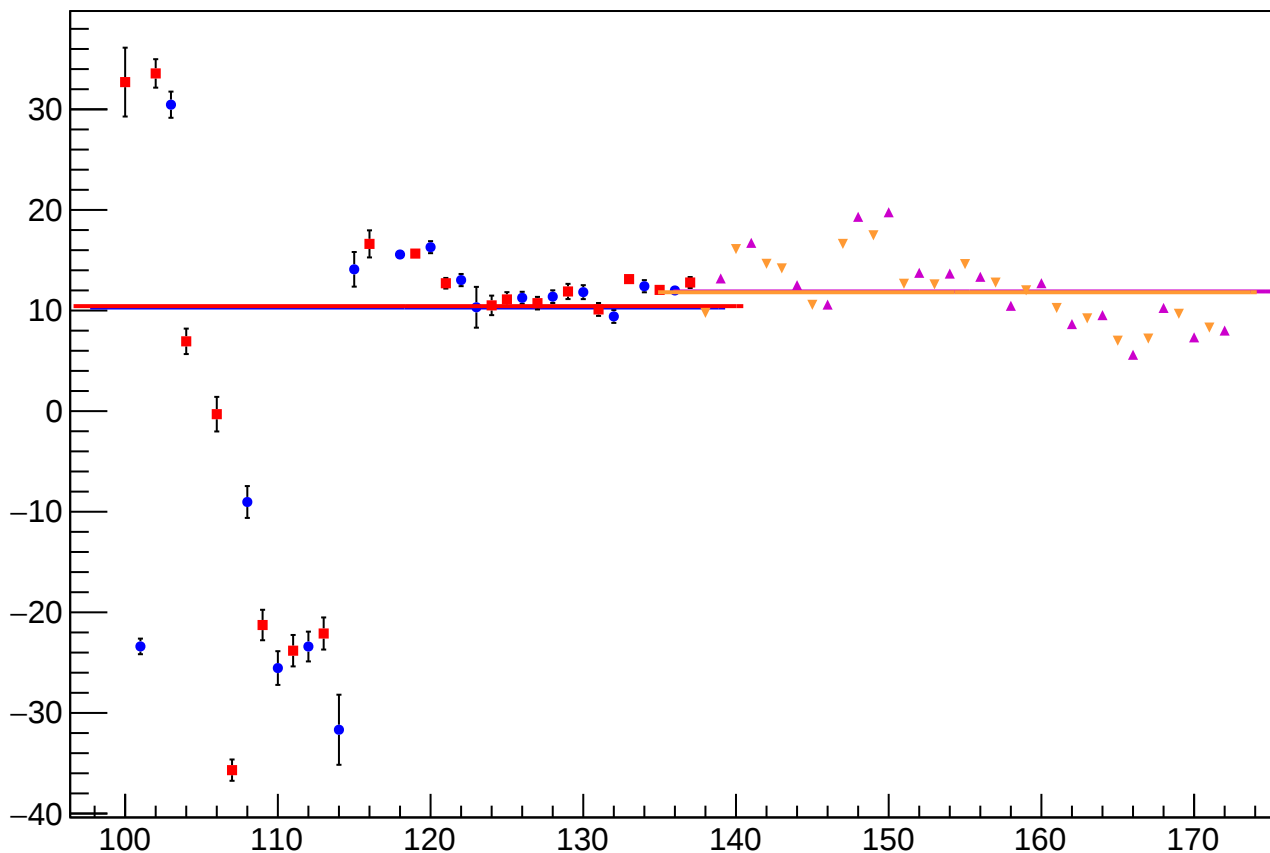
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -7.470 ± 0.081 $\chi^2/\text{NDF}: 3344.3/33$

Out: -6.781 ± 0.082 $\chi^2/\text{NDF}: 3669.7/36$

All: -7.129 ± 0.058 $\chi^2/\text{NDF}: 7049.4/70$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 11.818 $\pm$ 0.074 χ^2 /NDF:1699.4/17

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 11.897 $\pm$ 0.075 χ^2 /NDF:2494.4/16

Left: 11.857 $\pm$ 0.053 χ^2 /NDF: 4194.4/34

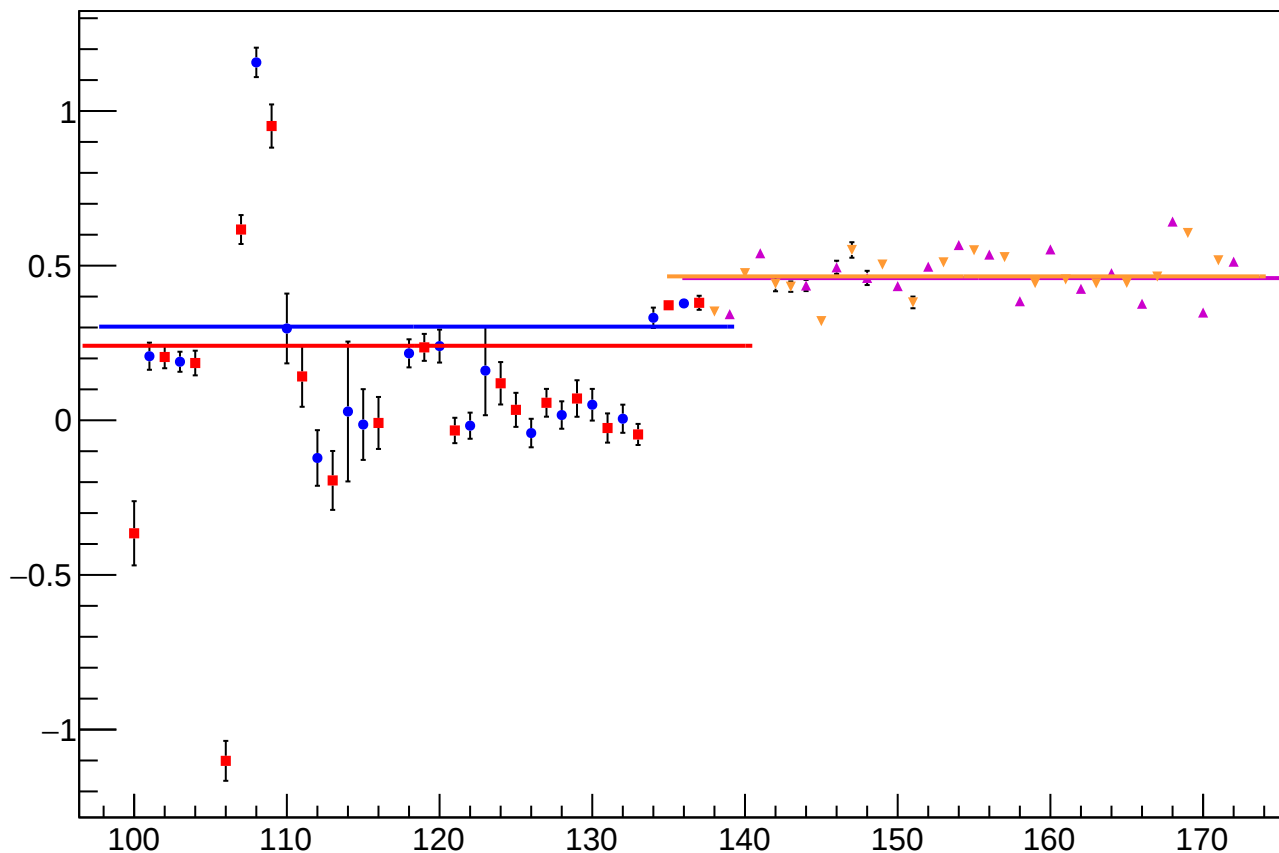
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.598 $\pm$ 0.068 χ^2 /NDF:6277.9/33

Out: 11.573 $\pm$ 0.067 χ^2 /NDF:5589.7/36

All: 11.586 $\pm$ 0.048 χ^2 /NDF: 11867.7/70

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.465 ± 0.003 χ^2/NDF : 404.9/17

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.460 ± 0.003 χ^2/NDF : 684.5/16

Left: 0.462 ± 0.002 χ^2/NDF : 1090.8/34

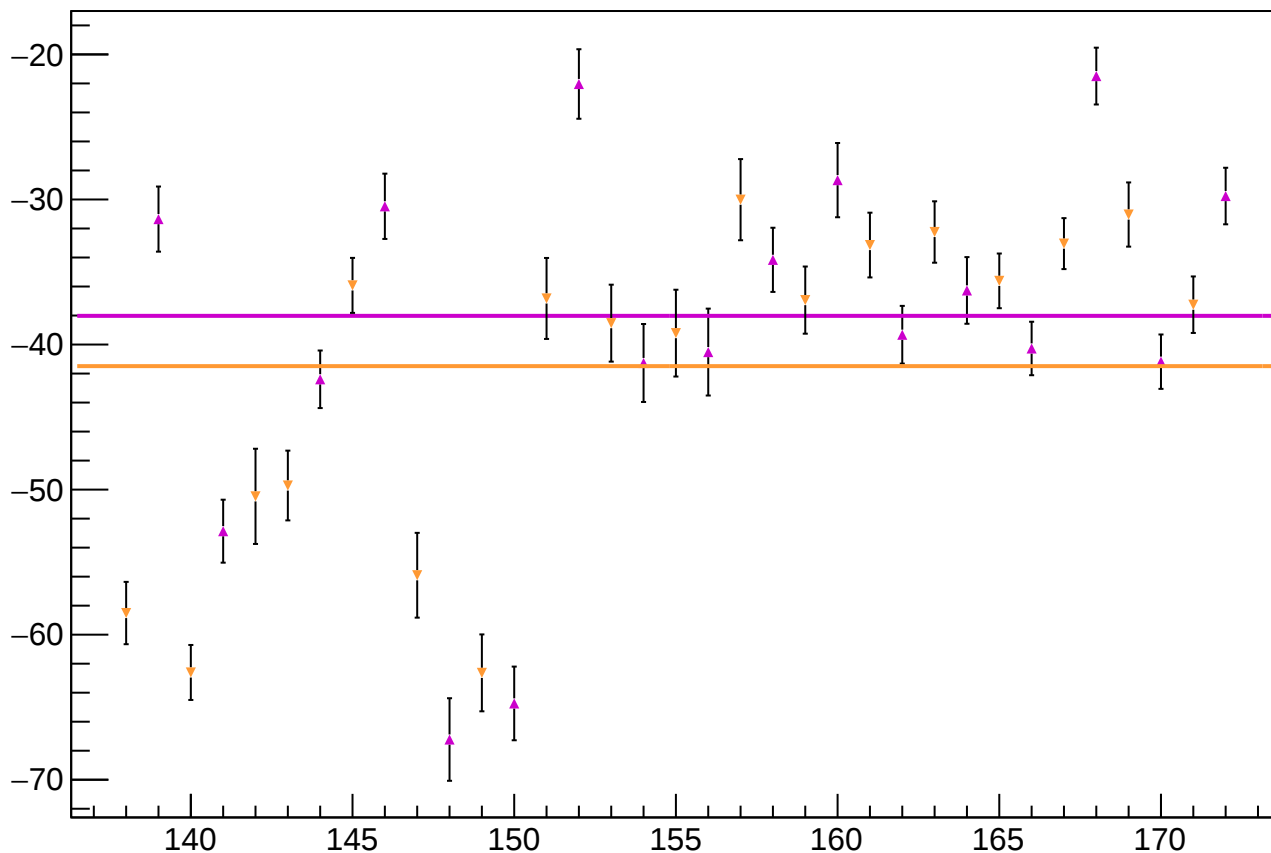
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.438 ± 0.003 χ^2/NDF : 1647.5/33

Out: 0.435 ± 0.003 χ^2/NDF : 1999.0/36

All: 0.437 ± 0.002 χ^2/NDF : 3646.8/70

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.489 ± 0.535 χ^2/NDF : 420.9/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -38.022 ± 0.537 χ^2/NDF : 445.3/16

Left: -39.761 ± 0.379 χ^2/NDF : 887.2/34

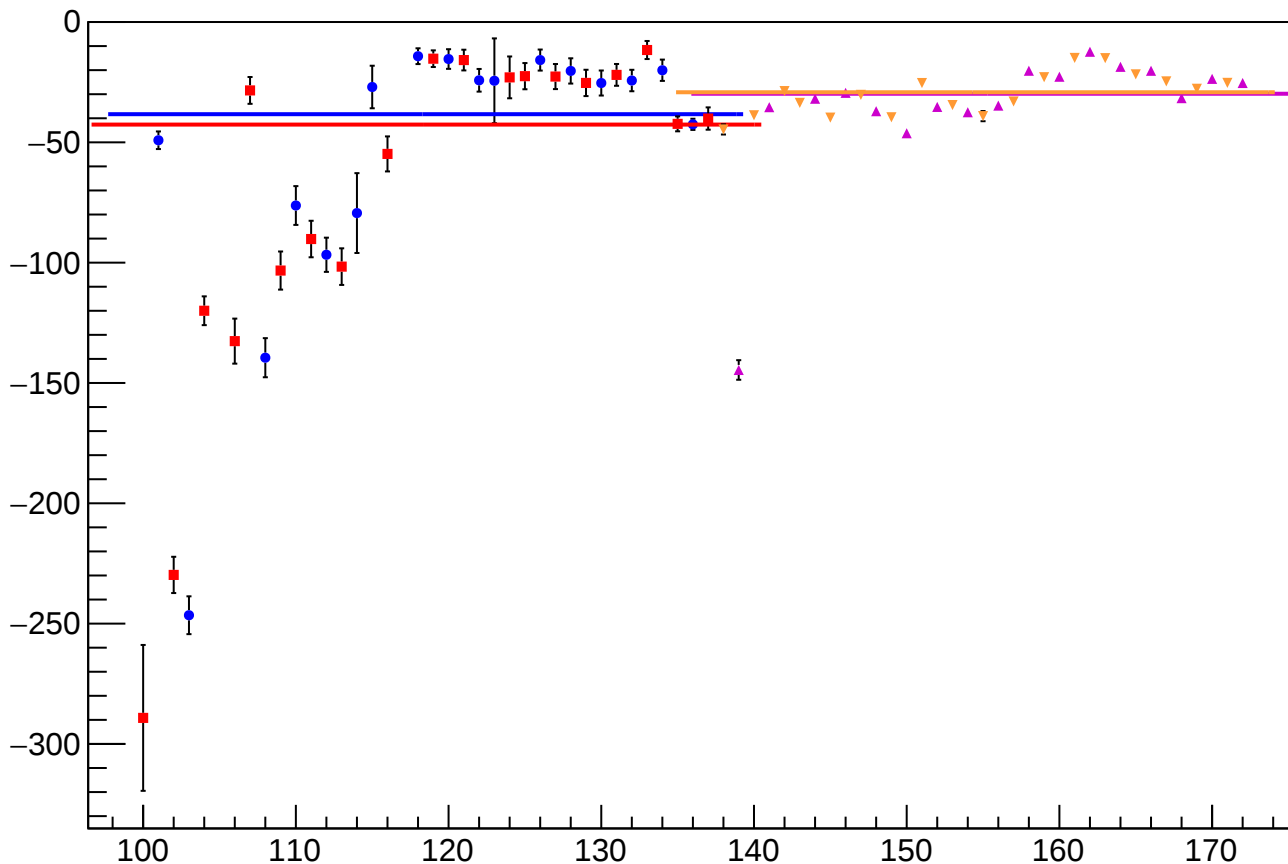
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -38.022 ± 0.537 χ^2/NDF : 445.3/16

Out: -41.489 ± 0.535 χ^2/NDF : 420.9/17

All: -39.761 ± 0.379 χ^2/NDF : 887.2/34

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -29.189 ± 0.390 $\chi^2/\text{NDF}: 439.4/17$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -29.811 ± 0.397 $\chi^2/\text{NDF}: 1237.0/16$

Left: -29.494 ± 0.278 $\chi^2/\text{NDF}: 1677.7/34$

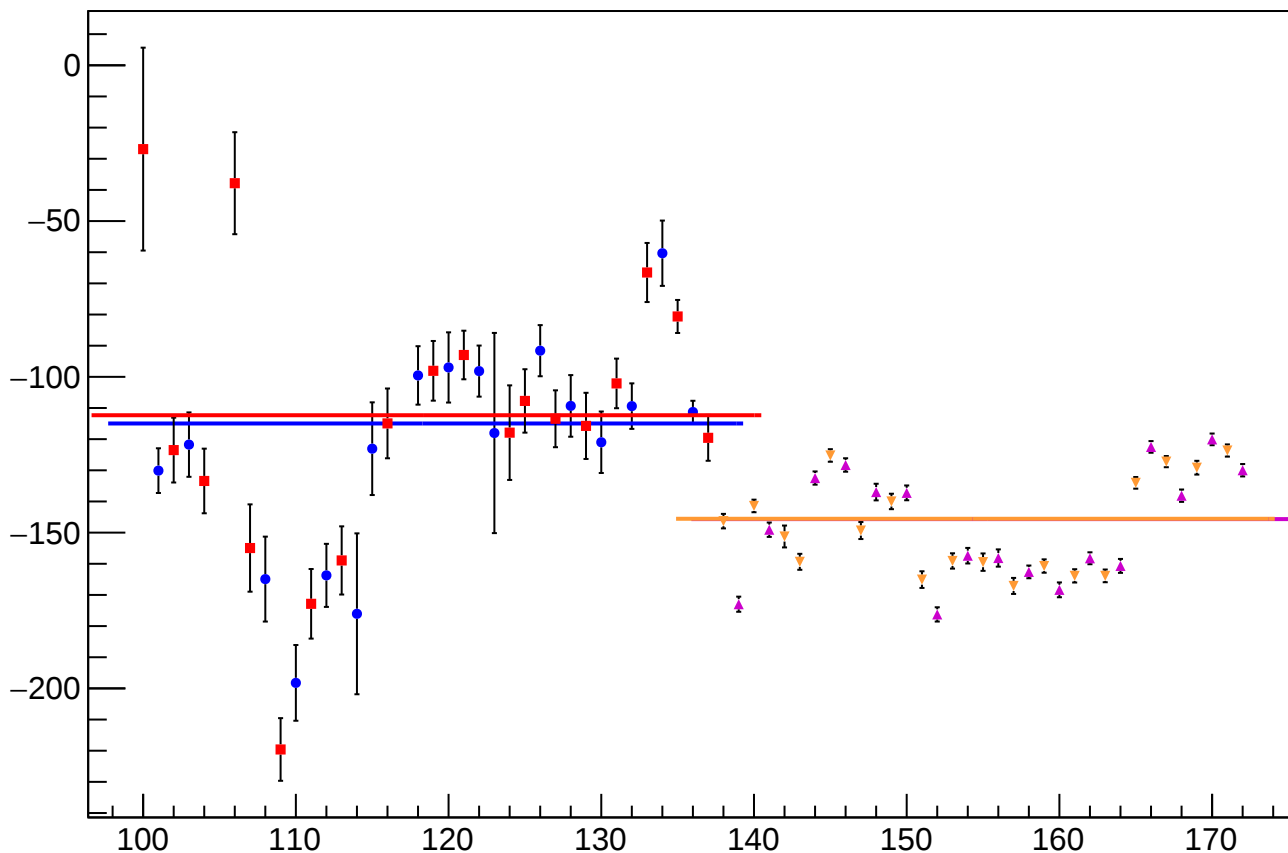
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -30.732 ± 0.375 $\chi^2/\text{NDF}: 2419.4/33$

Out: -30.457 ± 0.371 $\chi^2/\text{NDF}: 1895.8/36$

All: -30.593 ± 0.264 $\chi^2/\text{NDF}: 4315.4/70$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -145.555 ± 0.533 $\chi^2/\text{NDF}: 849.2/17$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -145.660 ± 0.530 $\chi^2/\text{NDF}: 1138.7/16$

Left: -145.608 ± 0.376 $\chi^2/\text{NDF}: 1988.0/34$

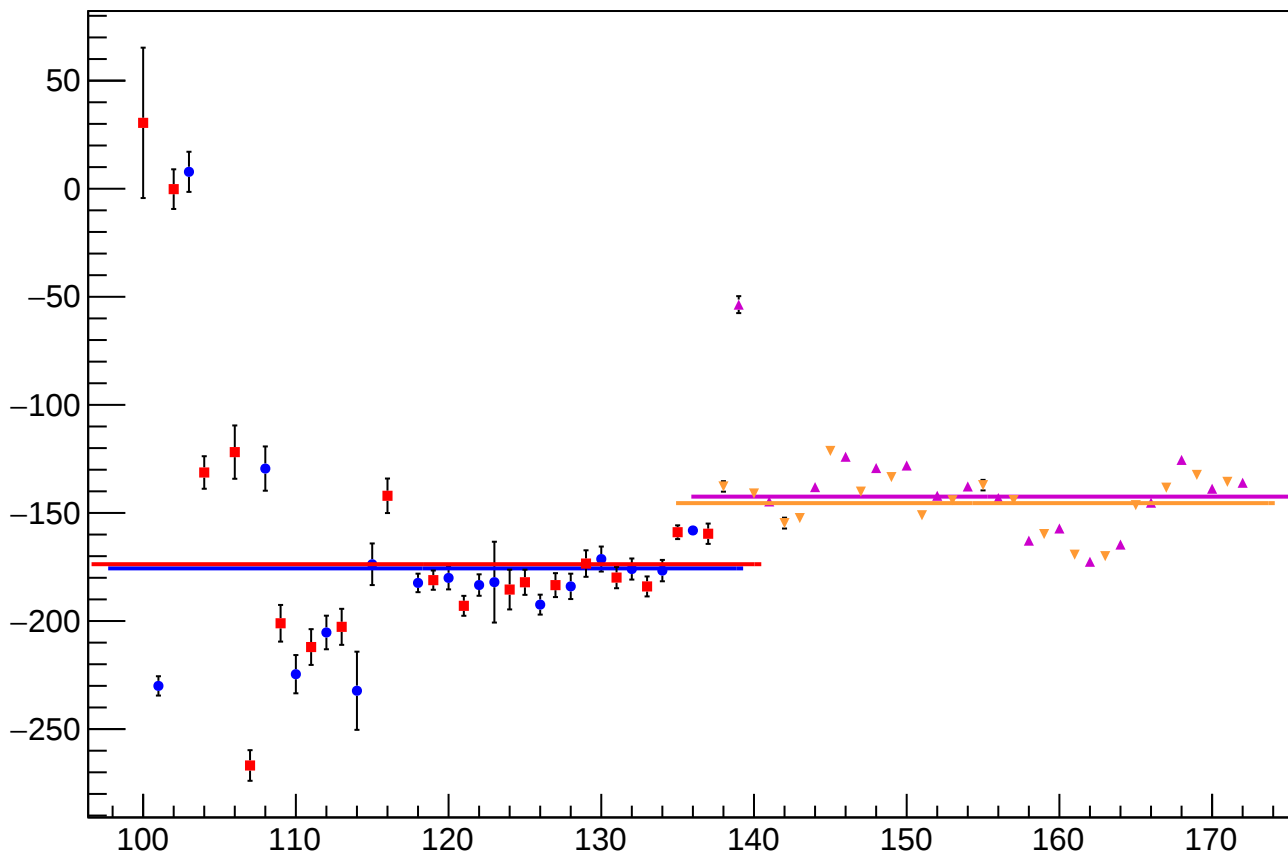
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -143.778 ± 0.514 $\chi^2/\text{NDF}: 1485.6/33$

Out: -143.724 ± 0.518 $\chi^2/\text{NDF}: 1337.9/36$

All: -143.751 ± 0.365 $\chi^2/\text{NDF}: 2823.5/70$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.460 ± 0.448 χ^2/NDF : 888.4/17

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.453 ± 0.453 χ^2/NDF : 1514.6/16

Left: -143.975 ± 0.318 χ^2/NDF : 2425.4/34

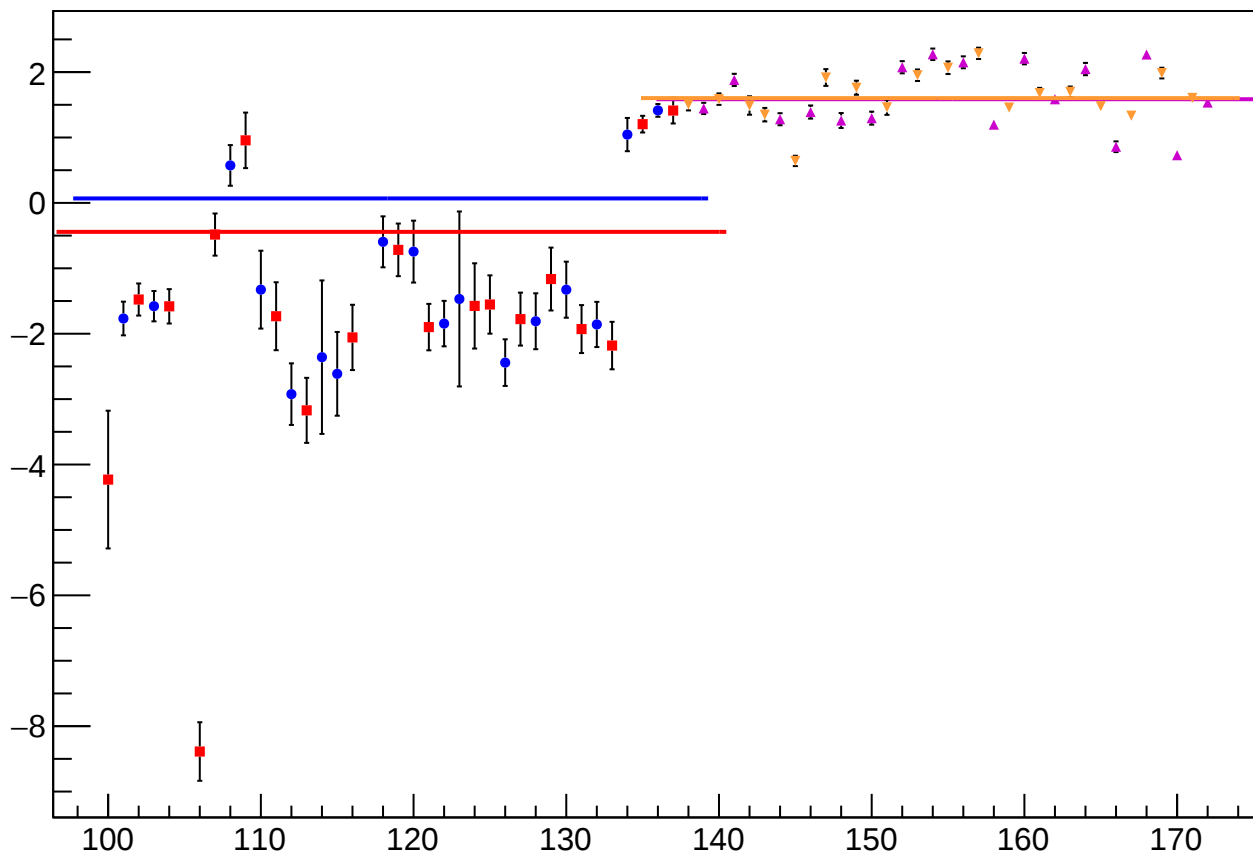
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -146.206 ± 0.427 χ^2/NDF : 2813.6/33

Out: -148.244 ± 0.425 χ^2/NDF : 2018.9/36

All: -147.229 ± 0.301 χ^2/NDF : 4844.0/70

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.602 $\pm$ 0.021 χ^2 /NDF:309.8/17

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.585 $\pm$ 0.021 χ^2 /NDF:591.8/16

Left: 1.594 $\pm$ 0.015 χ^2 /NDF: 901.9/34

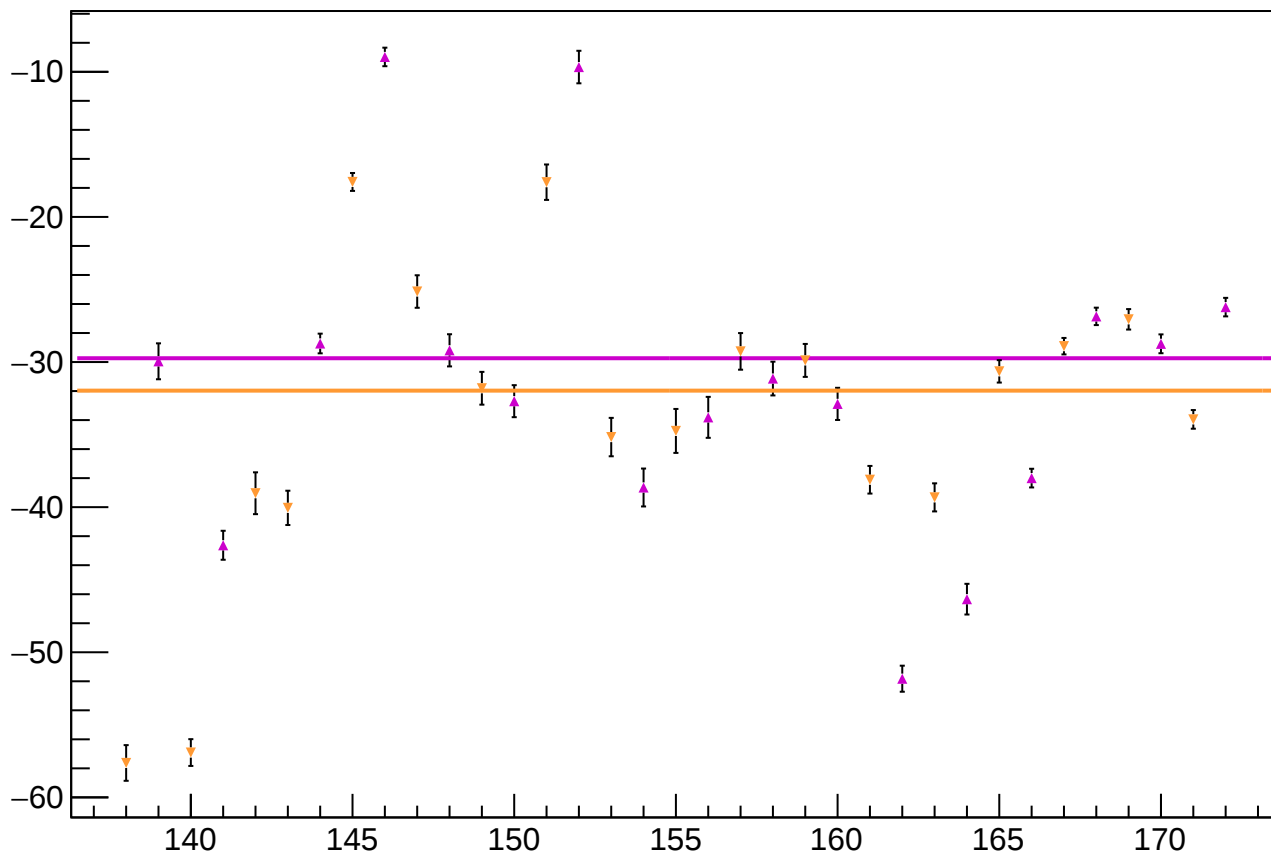
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.454 $\pm$ 0.020 χ^2 /NDF:1585.8/33

Out: 1.443 $\pm$ 0.020 χ^2 /NDF:1828.6/36

All: 1.448 $\pm$ 0.014 χ^2 /NDF: 3414.6/70

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.970+/-0.215 χ^2/NDF :2162.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.738+/-0.206 χ^2/NDF :2691.0/16

Left: -30.809+/-0.149 χ^2/NDF : 4909.8/34

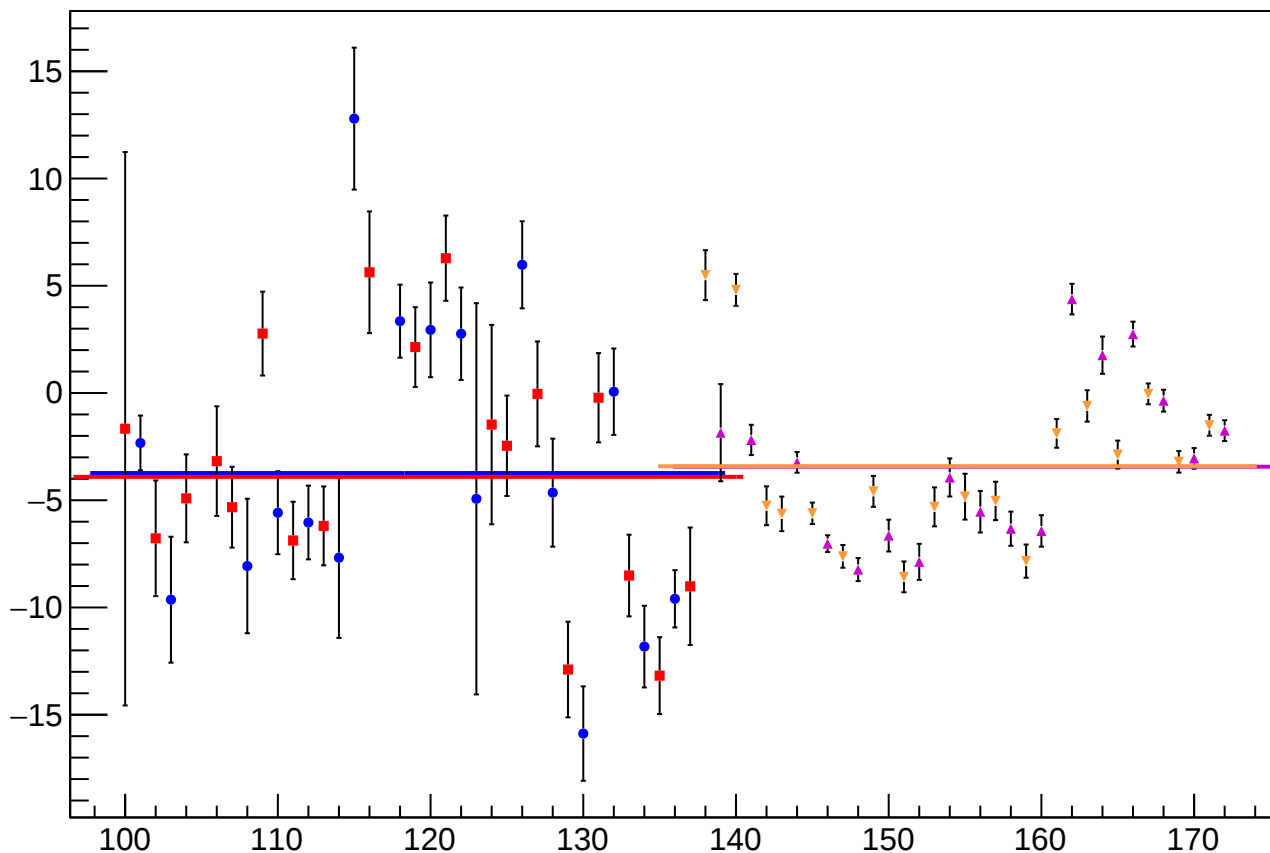
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.738+/-0.206 χ^2/NDF :2691.0/16

Out: -31.970+/-0.215 χ^2/NDF :2162.5/17

All: -30.809+/-0.149 χ^2/NDF : 4909.8/34

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.417 ± 0.157 $\chi^2/\text{NDF}: 455.1/17$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -3.437 ± 0.150 $\chi^2/\text{NDF}: 568.0/16$

Left: -3.428 ± 0.109 $\chi^2/\text{NDF}: 1023.1/34$

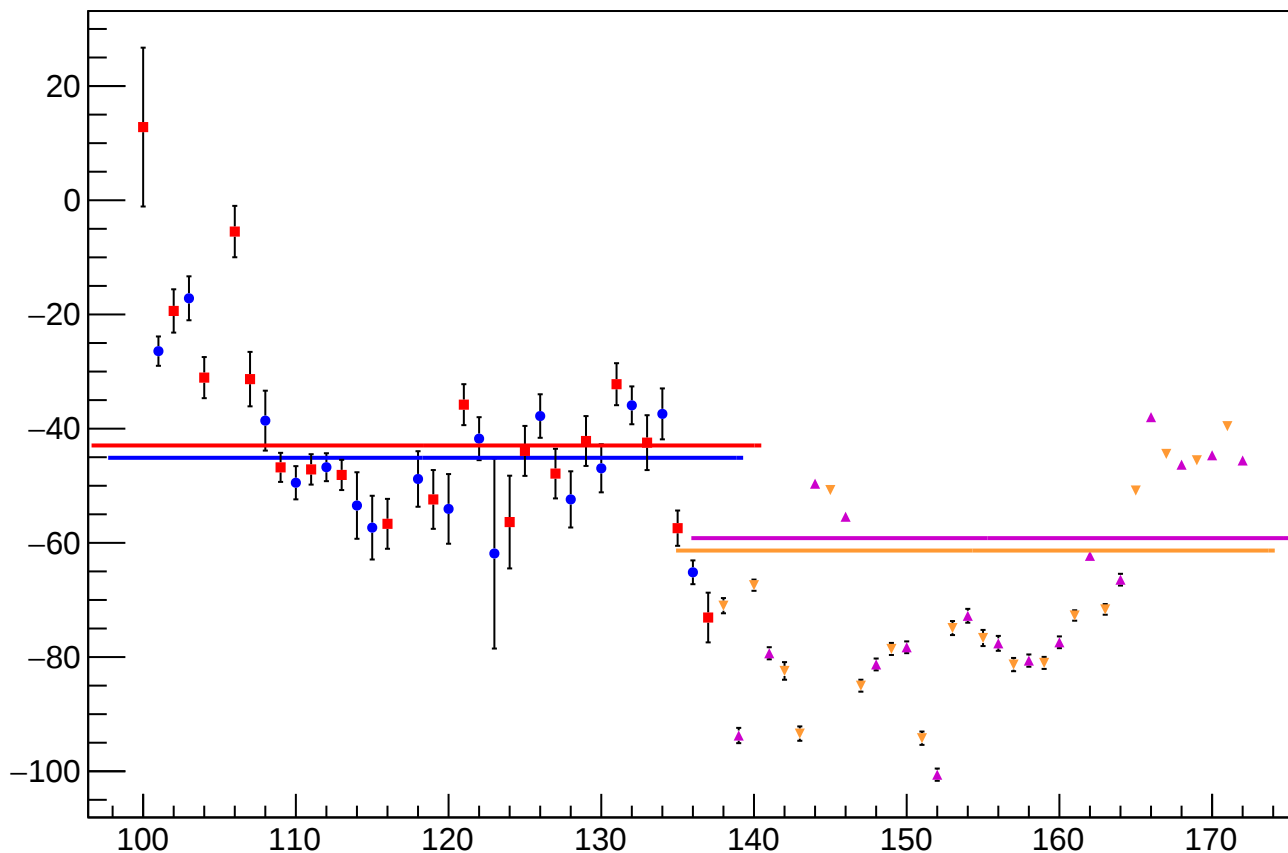
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.462 ± 0.144 $\chi^2/\text{NDF}: 734.2/33$

Out: -3.460 ± 0.150 $\chi^2/\text{NDF}: 580.7/36$

All: -3.461 ± 0.104 $\chi^2/\text{NDF}: 1314.9/70$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -61.347 ± 0.214 χ^2/NDF : 6590.9/17

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -59.172 ± 0.205 χ^2/NDF : 7051.3/16

Left: -60.210 ± 0.148 χ^2/NDF : 13696.0/34

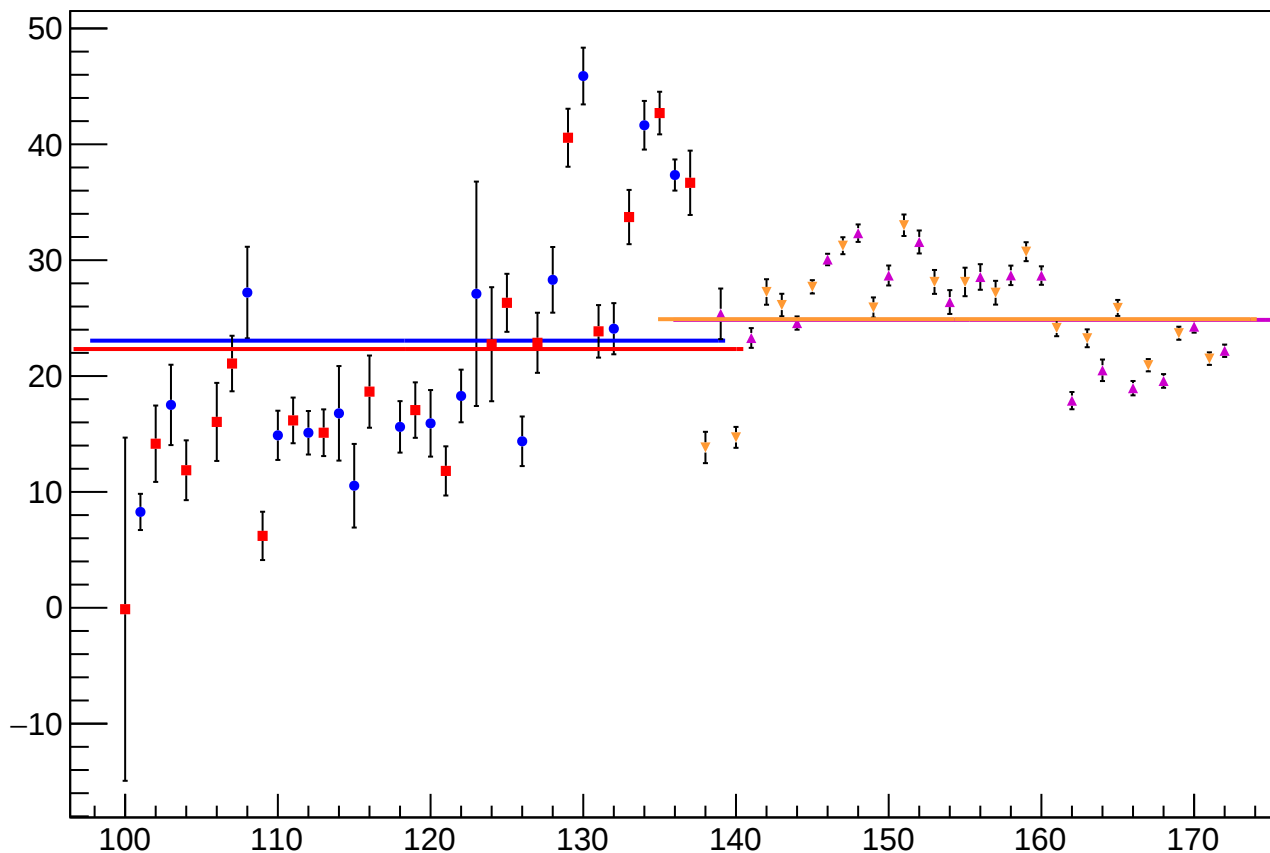
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -58.453 ± 0.200 χ^2/NDF : 7523.0/33

Out: -60.310 ± 0.208 χ^2/NDF : 7255.1/36

All: -59.342 ± 0.144 χ^2/NDF : 14819.5/70

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 24.908 $\pm$ 0.180 χ^2 /NDF: 557.1/17

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 24.847 $\pm$ 0.174 χ^2 /NDF: 641.6/16

Left: 24.876 $\pm$ 0.125 χ^2 /NDF: 1198.8/34

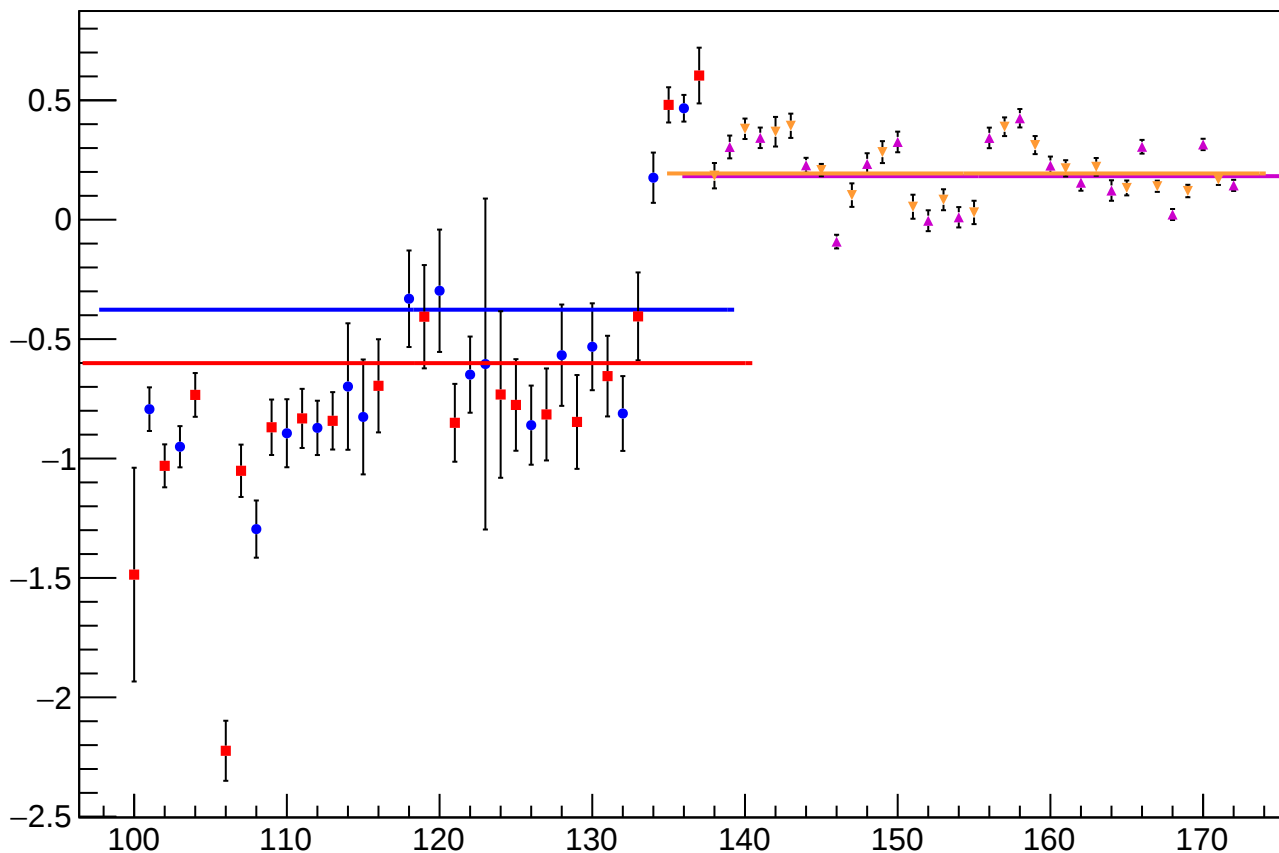
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 24.688 $\pm$ 0.166 χ^2 /NDF: 1112.2/33

Out: 24.676 $\pm$ 0.172 χ^2 /NDF: 946.6/36

All: 24.682 $\pm$ 0.119 χ^2 /NDF: 2058.8/70

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.194 ± 0.008 χ^2/NDF : 129.1/17

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.182 ± 0.008 χ^2/NDF : 319.2/16

Left: 0.188 ± 0.006 χ^2/NDF : 449.3/34

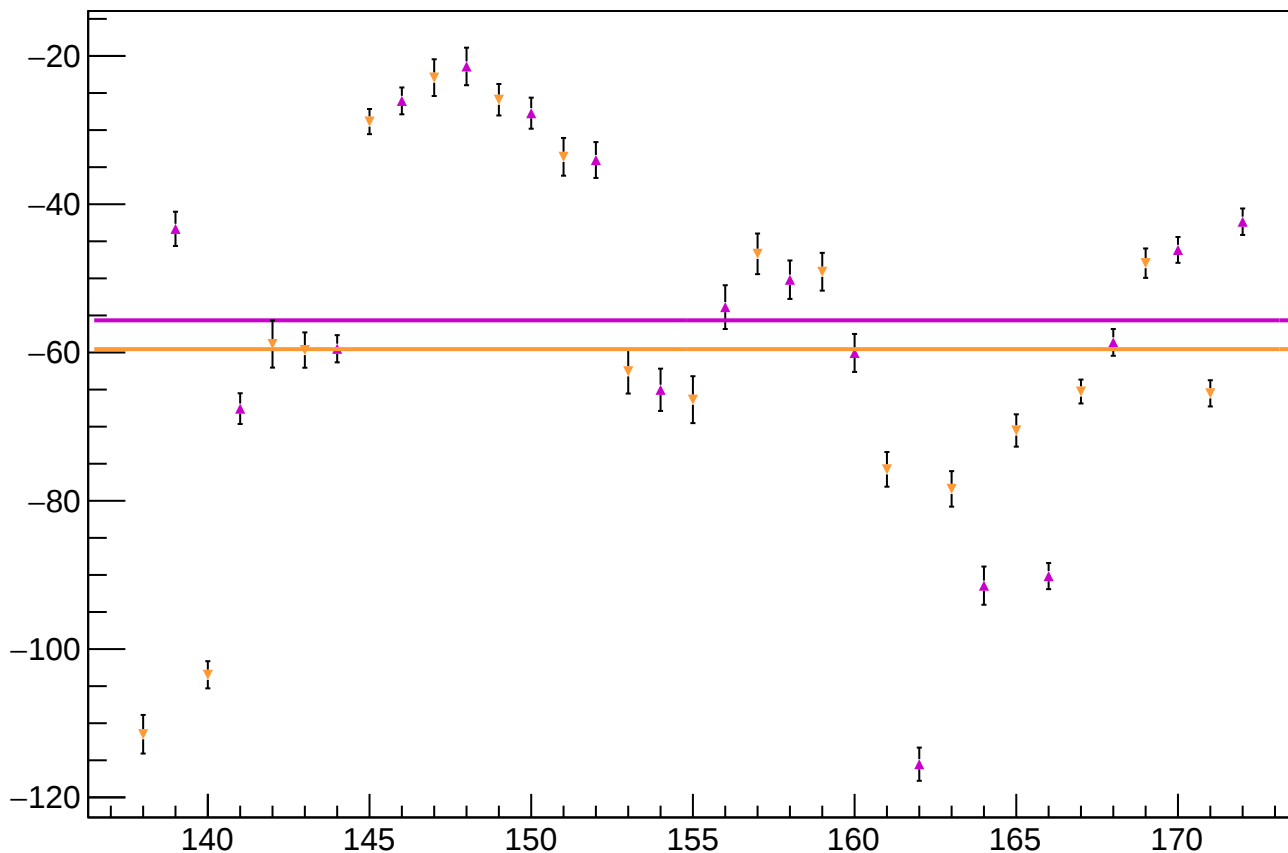
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.145 ± 0.008 χ^2/NDF : 1078.5/33

Out: 0.138 ± 0.008 χ^2/NDF : 1328.2/36

All: 0.141 ± 0.006 χ^2/NDF : 2407.2/70

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -59.545 $\pm$ 0.525 χ^2/NDF : 2111.0/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -55.659 $\pm$ 0.517 χ^2/NDF : 2171.3/16

Left: -57.574 $\pm$ 0.368 χ^2/NDF : 4310.1/34

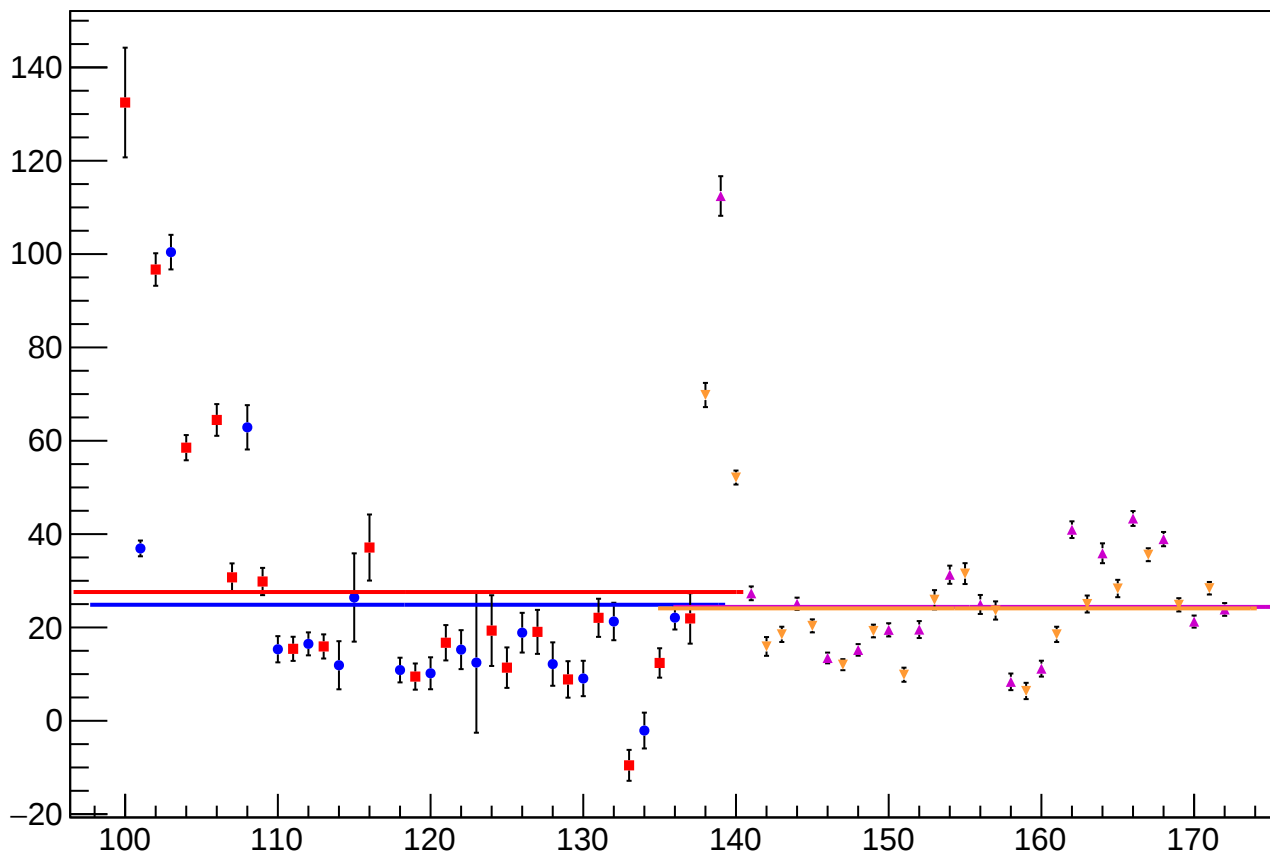
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -55.659 $\pm$ 0.517 χ^2/NDF : 2171.3/16

Out: -59.545 $\pm$ 0.525 χ^2/NDF : 2111.0/17

All: -57.574 $\pm$ 0.368 χ^2/NDF : 4310.1/34

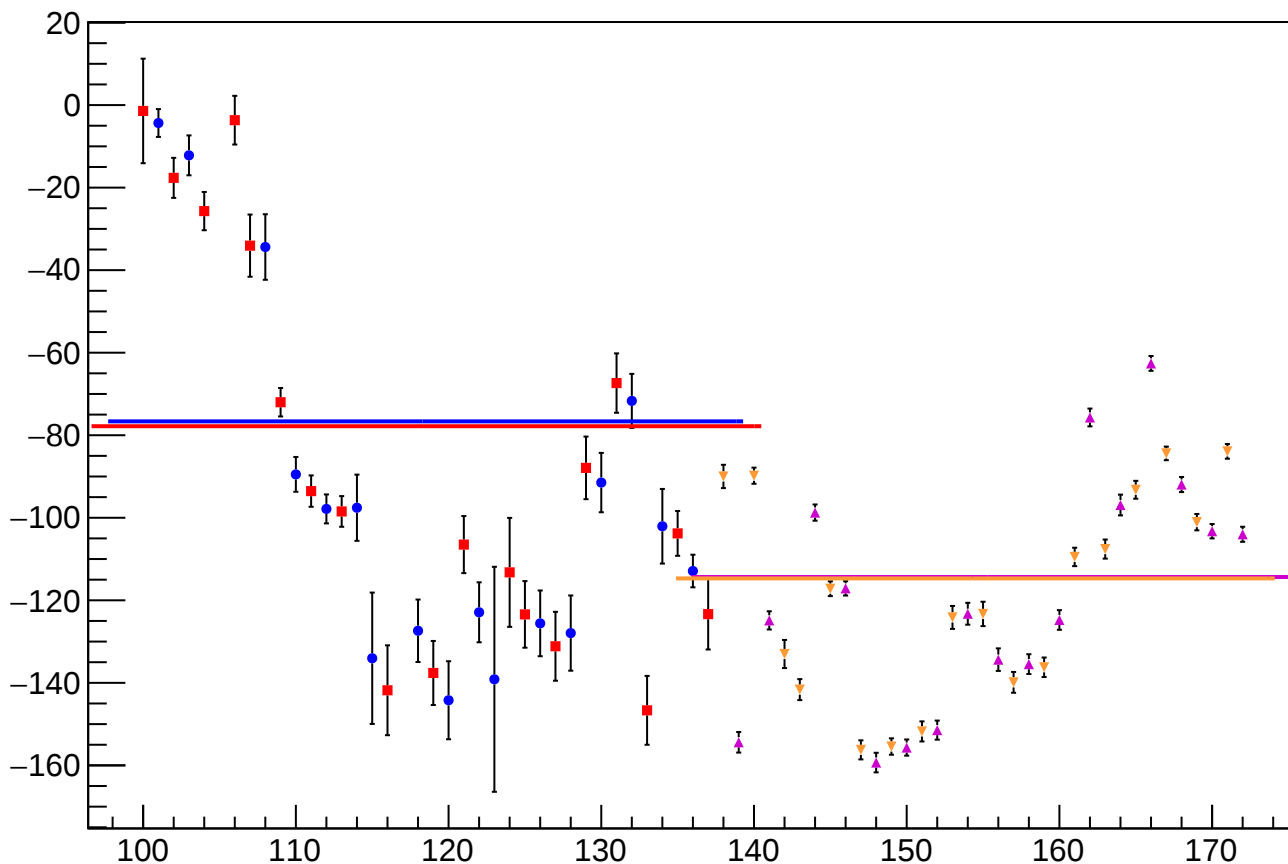
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 24.089 ± 0.379 χ^2/NDF : 1111.9/17
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 24.404 ± 0.379 χ^2/NDF : 1105.8/16

Left: 24.246 ± 0.268 χ^2/NDF : 2218.1/34
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 24.488 ± 0.343 χ^2/NDF : 1797.1/33
 Out: 24.718 ± 0.343 χ^2/NDF : 2138.2/36
 All: 24.603 ± 0.243 χ^2/NDF : 3935.5/70

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -114.695 ± 0.522 $\chi^2/\text{NDF}: 2357.6/17$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -114.356 ± 0.512 $\chi^2/\text{NDF}: 2992.2/16$

Left: -114.522 ± 0.365 $\chi^2/\text{NDF}: 5350.0/34$

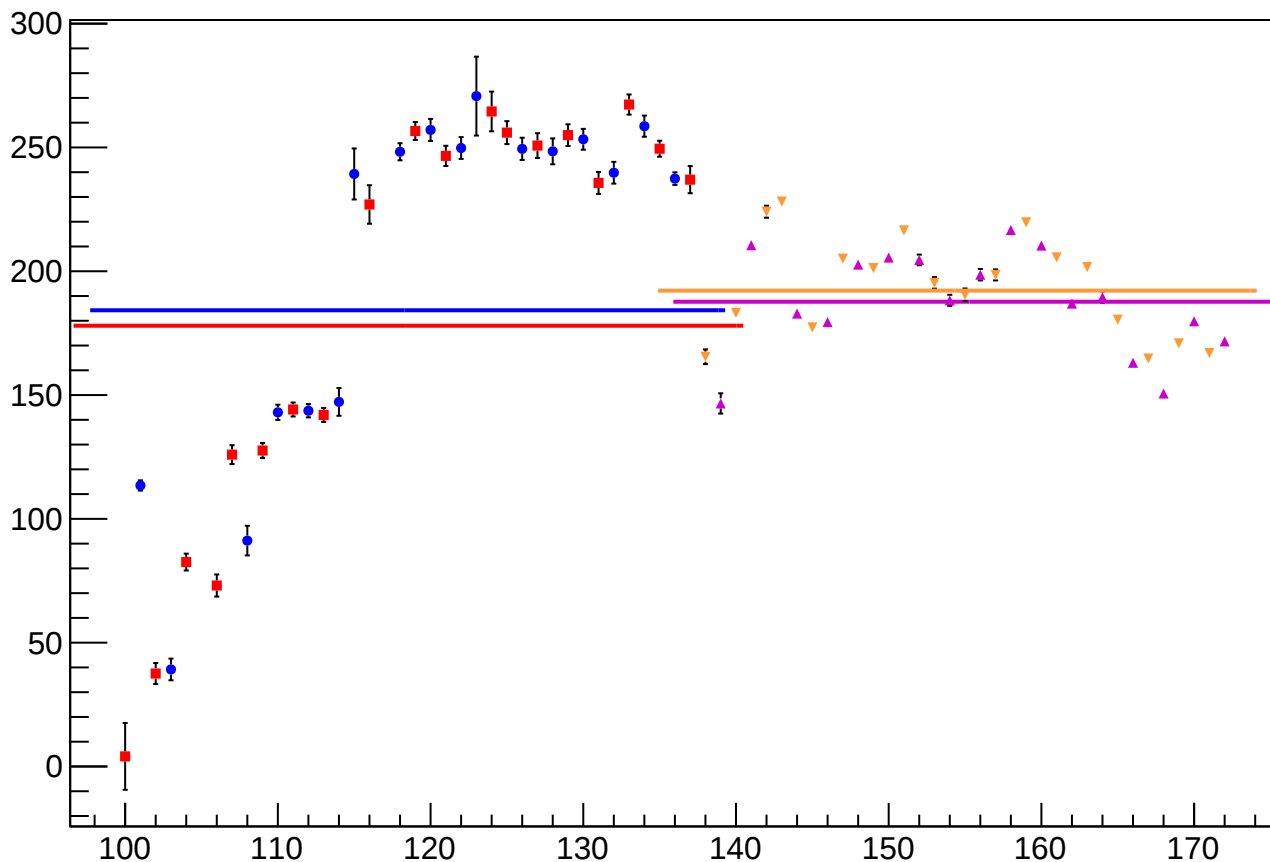
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -109.992 ± 0.481 $\chi^2/\text{NDF}: 4661.4/33$

Out: -109.911 ± 0.487 $\chi^2/\text{NDF}: 3878.3/36$

All: -109.952 ± 0.342 $\chi^2/\text{NDF}: 8539.7/70$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 192.171 $\pm$ 0.438 χ^2 /NDF: 2094.5/17

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 187.689 $\pm$ 0.436 χ^2 /NDF: 1762.7/16

Left: 189.922 $\pm$ 0.309 χ^2 /NDF: 3909.7/34

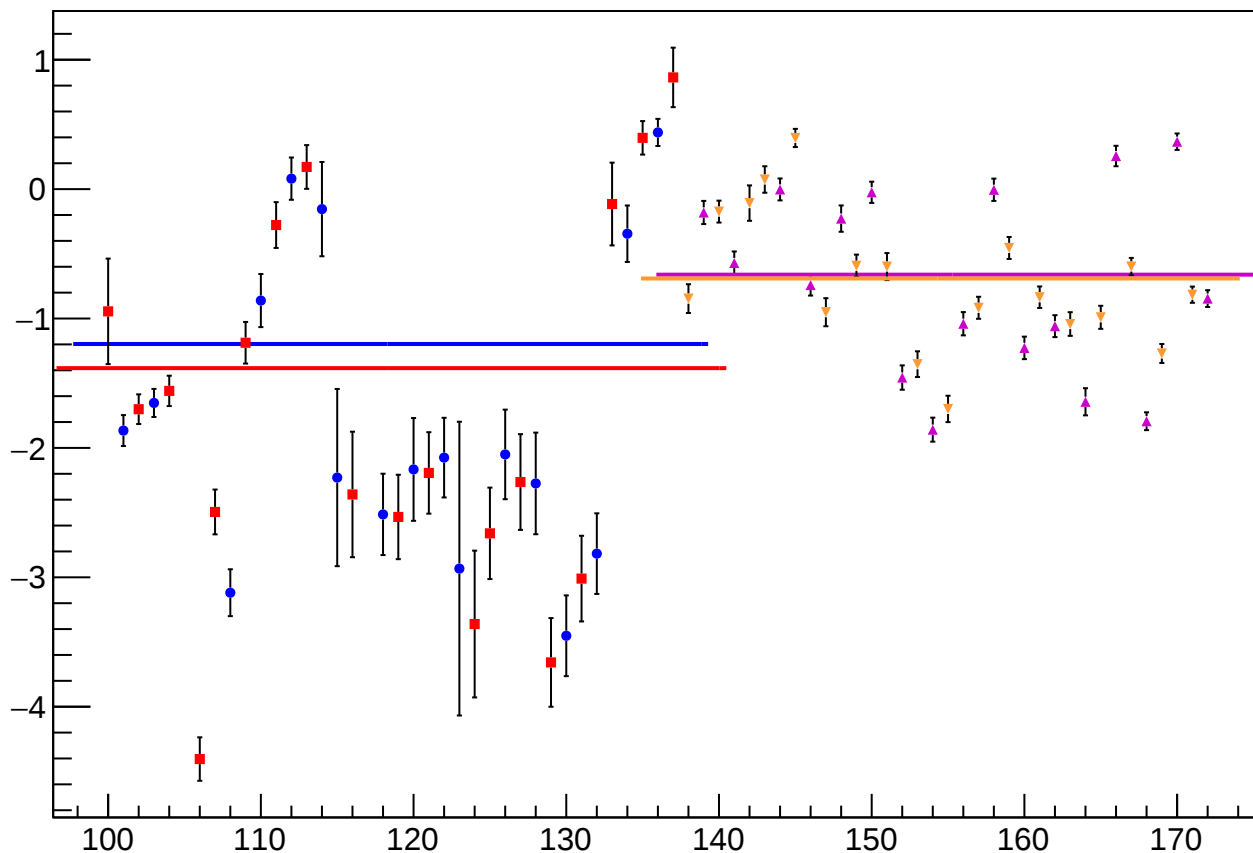
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 187.051 $\pm$ 0.394 χ^2 /NDF: 7162.8/33

Out: 189.570 $\pm$ 0.396 χ^2 /NDF: 8624.6/36

All: 188.305 $\pm$ 0.279 χ^2 /NDF: 15807.7/70

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.691 ± 0.020 χ^2/NDF : 614.3/17

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.661 ± 0.020 χ^2/NDF : 1309.6/16

Left: -0.676 ± 0.014 χ^2/NDF : 1925.0/34

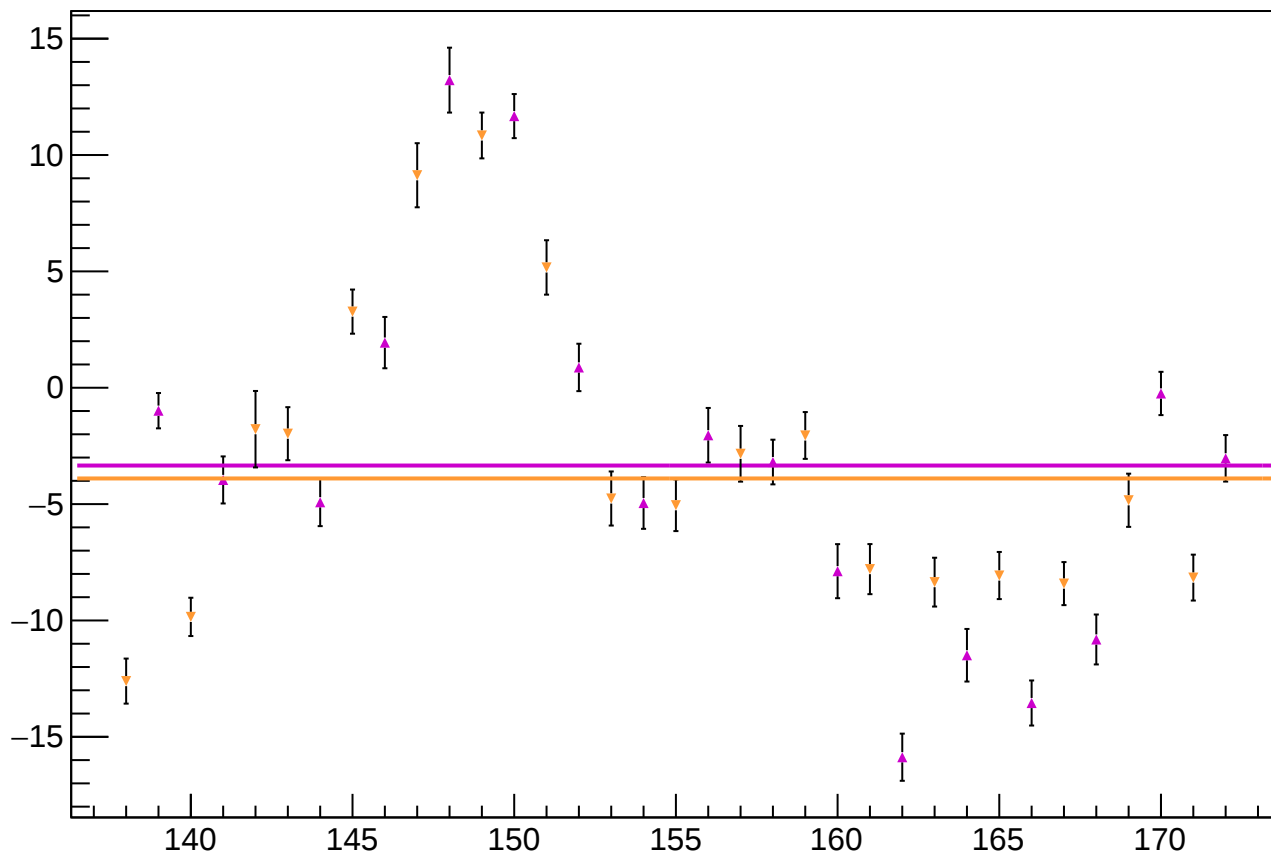
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.740 ± 0.018 χ^2/NDF : 2036.8/33

Out: -0.805 ± 0.019 χ^2/NDF : 1729.1/36

All: -0.772 ± 0.013 χ^2/NDF : 3771.9/70

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

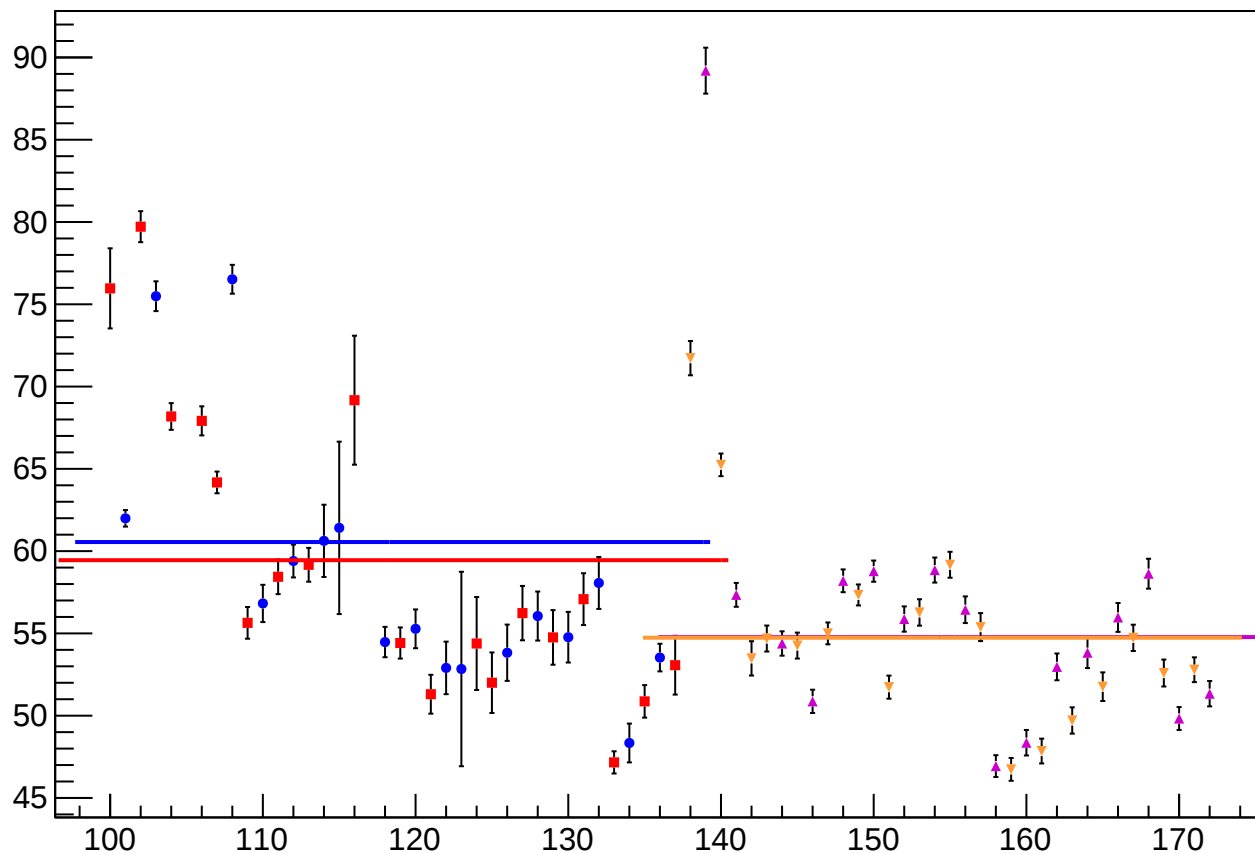


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.898+/-0.250 χ^2/NDF : 665.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.343+/-0.248 χ^2/NDF : 839.3/16

Left: -3.618+/-0.176 χ^2/NDF : 1507.5/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.343+/-0.248 χ^2/NDF : 839.3/16
 Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

All: -3.618+/-0.176 χ^2/NDF : 1507.5/34

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.740 ± 0.182 $\chi^2/\text{NDF}: 854.8/17$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 54.779 ± 0.187 $\chi^2/\text{NDF}: 1054.1/16$

Left: 54.759 ± 0.131 $\chi^2/\text{NDF}: 1908.9/34$

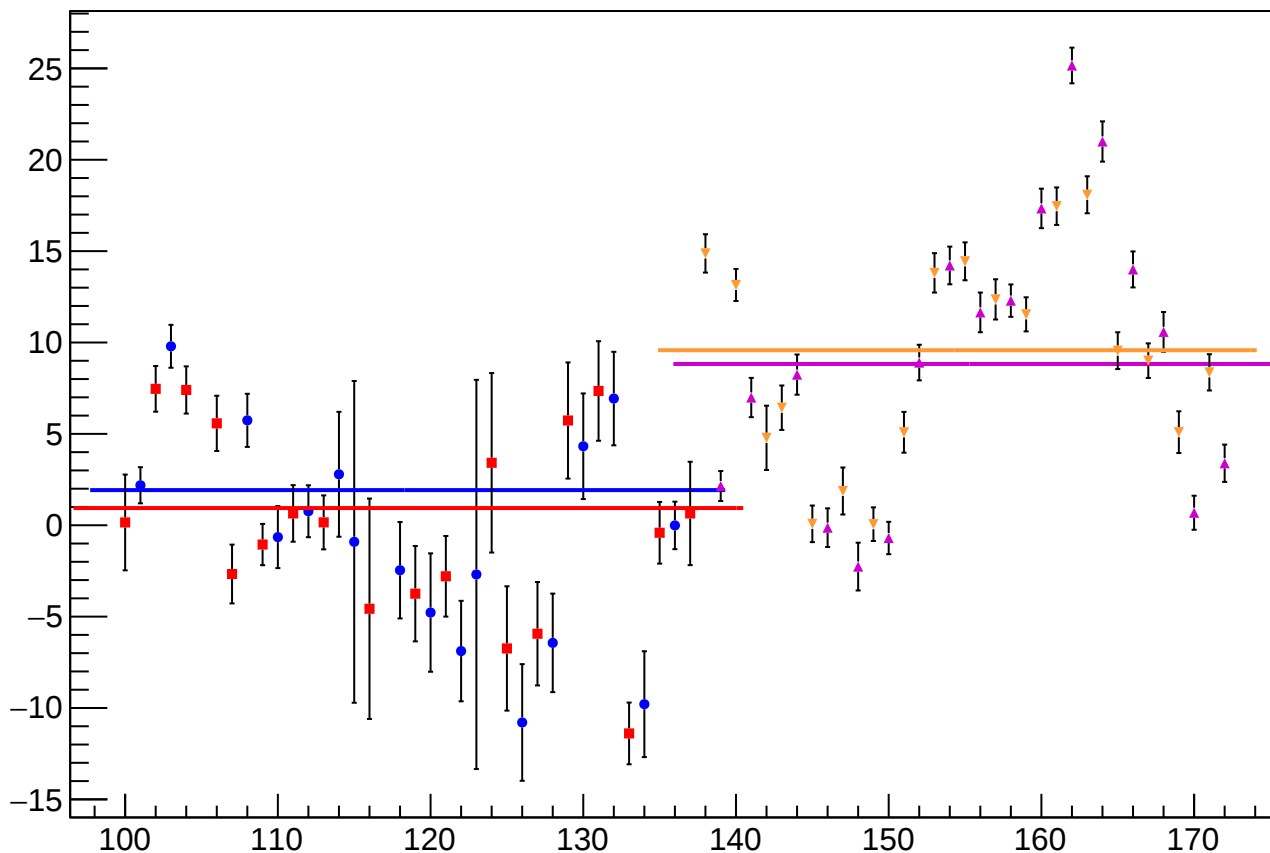
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 56.732 ± 0.152 $\chi^2/\text{NDF}: 2306.9/33$

Out: 56.397 ± 0.147 $\chi^2/\text{NDF}: 2410.4/36$

All: 56.559 ± 0.106 $\chi^2/\text{NDF}: 4719.8/70$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 9.578 ± 0.247 χ^2/NDF : 500.4/17

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 8.825 ± 0.244 χ^2/NDF : 977.7/16

Left: 9.197 ± 0.174 χ^2/NDF : 1482.9/34

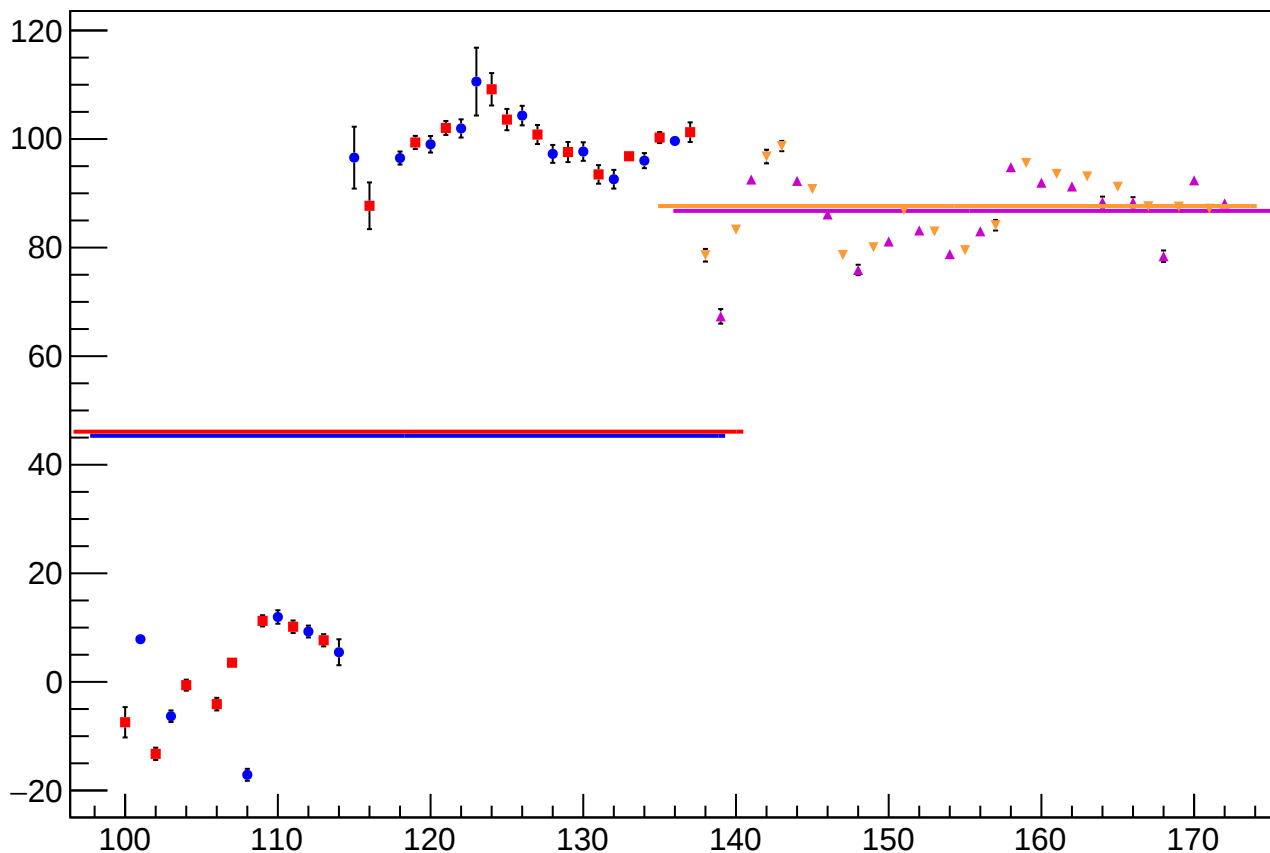
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 7.299 ± 0.215 χ^2/NDF : 1275.5/33

Out: 7.388 ± 0.214 χ^2/NDF : 960.3/36

All: 7.344 ± 0.152 χ^2/NDF : 2235.9/70

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.657 $\pm$ 0.209 χ^2 /NDF:837.7/17

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.765 $\pm$ 0.212 χ^2 /NDF:920.4/16

Left: 87.217 $\pm$ 0.149 χ^2 /NDF: 1767.0/34

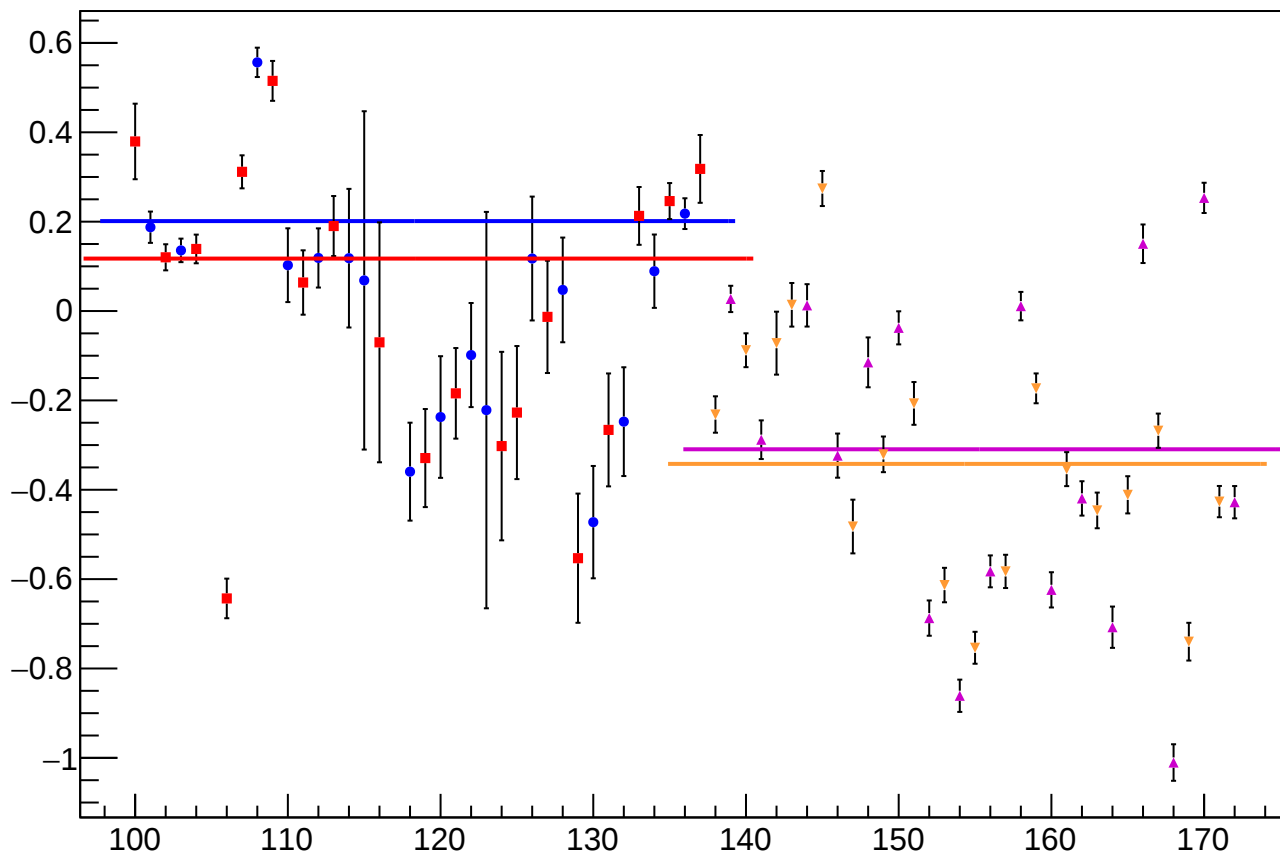
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 73.141 $\pm$ 0.174 χ^2 /NDF:38428.6/33

Out: 73.362 $\pm$ 0.170 χ^2 /NDF:42655.6/36

All: 73.254 $\pm$ 0.121 χ^2 /NDF: 81085.1/70

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.342 ± 0.010 χ^2/NDF : 738.2/17

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.309 ± 0.009 χ^2/NDF : 1568.6/16

Left: -0.325 ± 0.007 χ^2/NDF : 2312.8/34

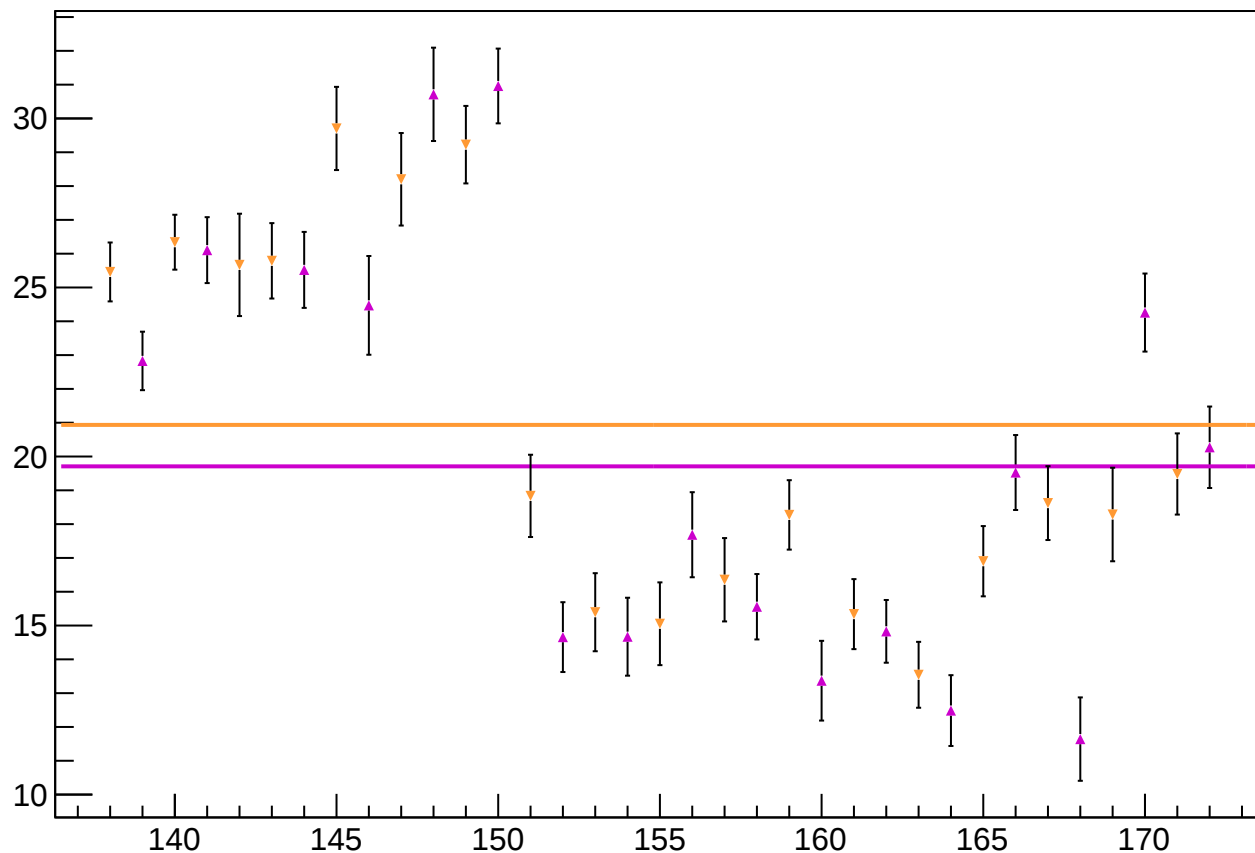
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.152 ± 0.008 χ^2/NDF : 2699.7/33

Out: -0.181 ± 0.008 χ^2/NDF : 2047.2/36

All: -0.166 ± 0.005 χ^2/NDF : 4754.2/70

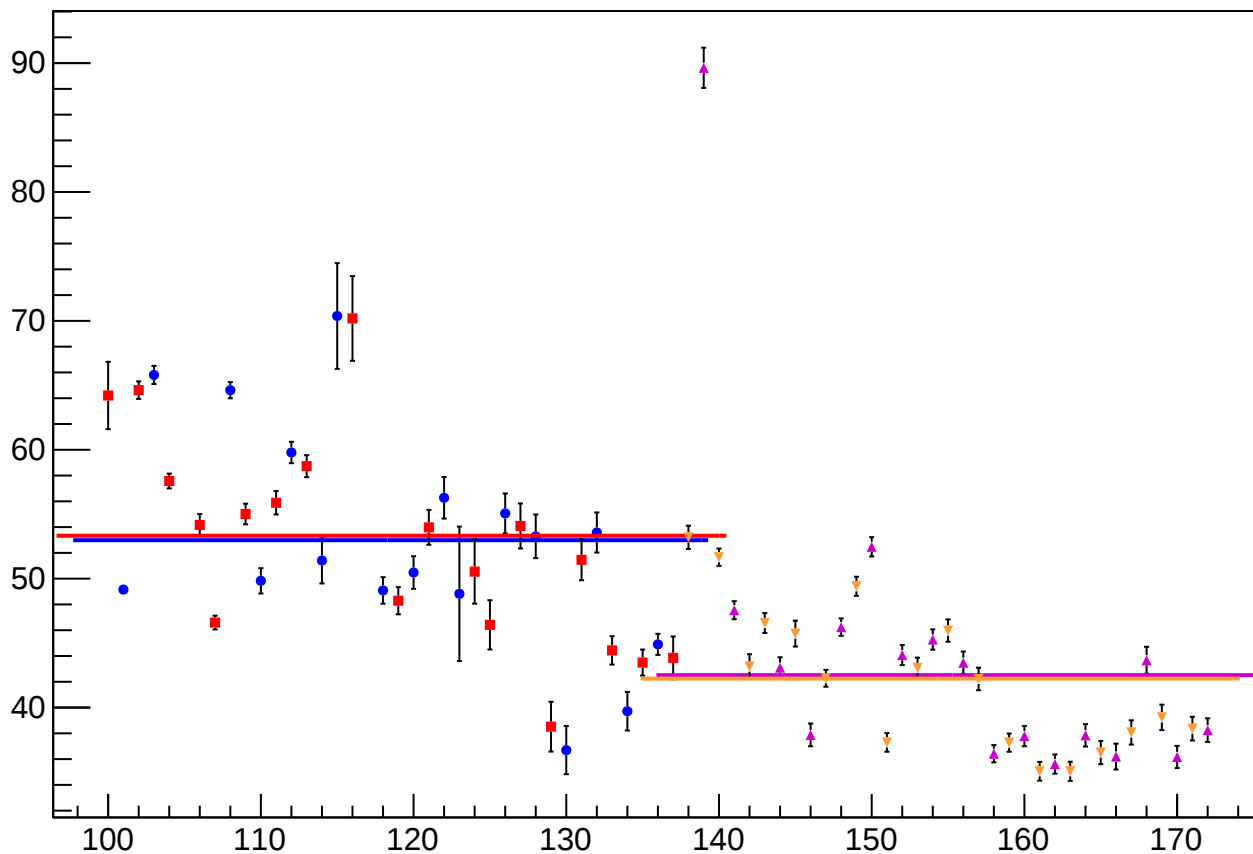
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16

Left: 20.335 $\pm$ 0.186 χ^2 /NDF: 910.3/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16
 Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 All: 20.335 $\pm$ 0.186 χ^2 /NDF: 910.3/34

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.247 $\pm$ 0.190 χ^2 /NDF:878.7/17

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 42.515 $\pm$ 0.199 χ^2 /NDF:1564.4/16

Left: 42.375 $\pm$ 0.137 χ^2 /NDF: 2444.1/34

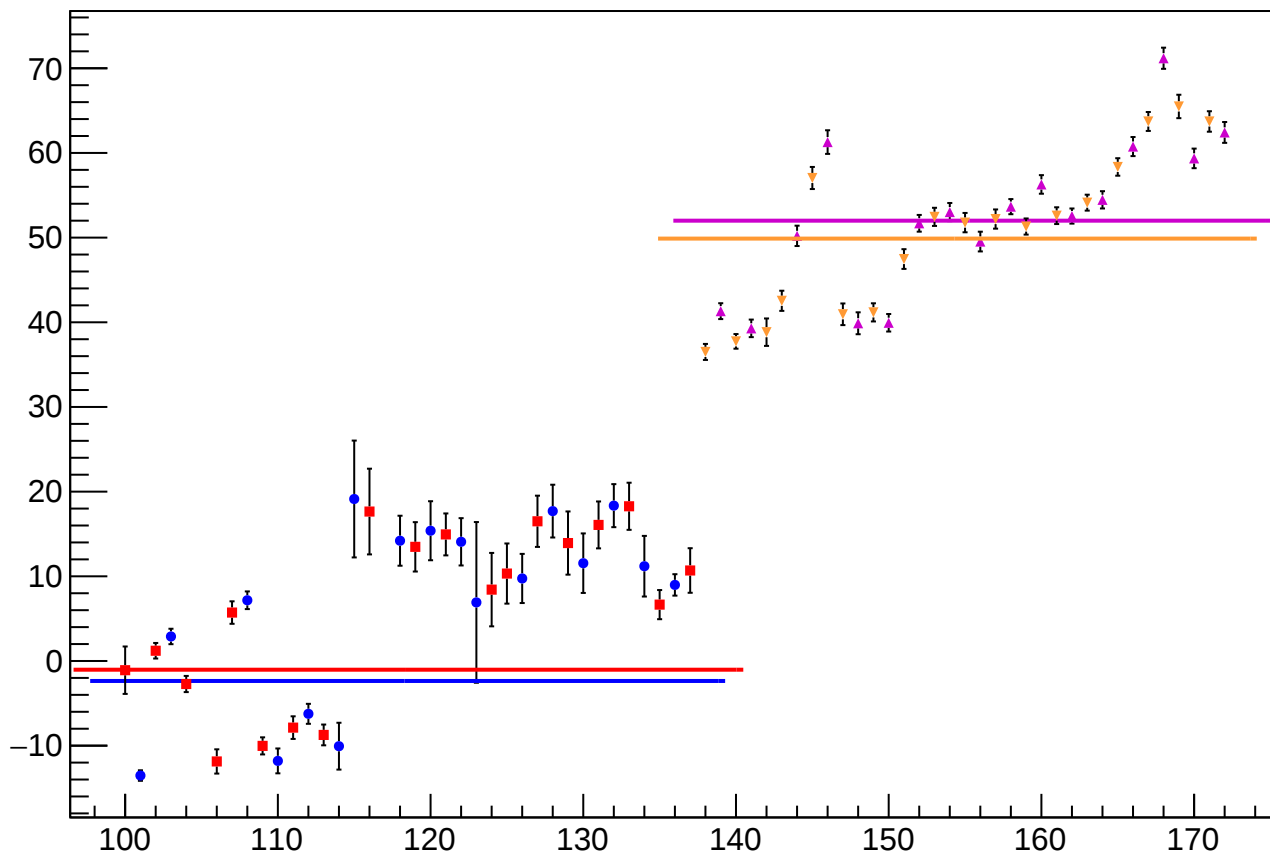
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 47.457 $\pm$ 0.144 χ^2 /NDF:4070.9/33

Out: 46.813 $\pm$ 0.145 χ^2 /NDF:3160.2/36

All: 47.137 $\pm$ 0.102 χ^2 /NDF: 7240.9/70

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 49.884 ± 0.258 χ^2/NDF : 1152.9/17

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 52.000 ± 0.262 χ^2/NDF : 989.5/16

Left: 50.928 ± 0.184 χ^2/NDF : 2175.5/34

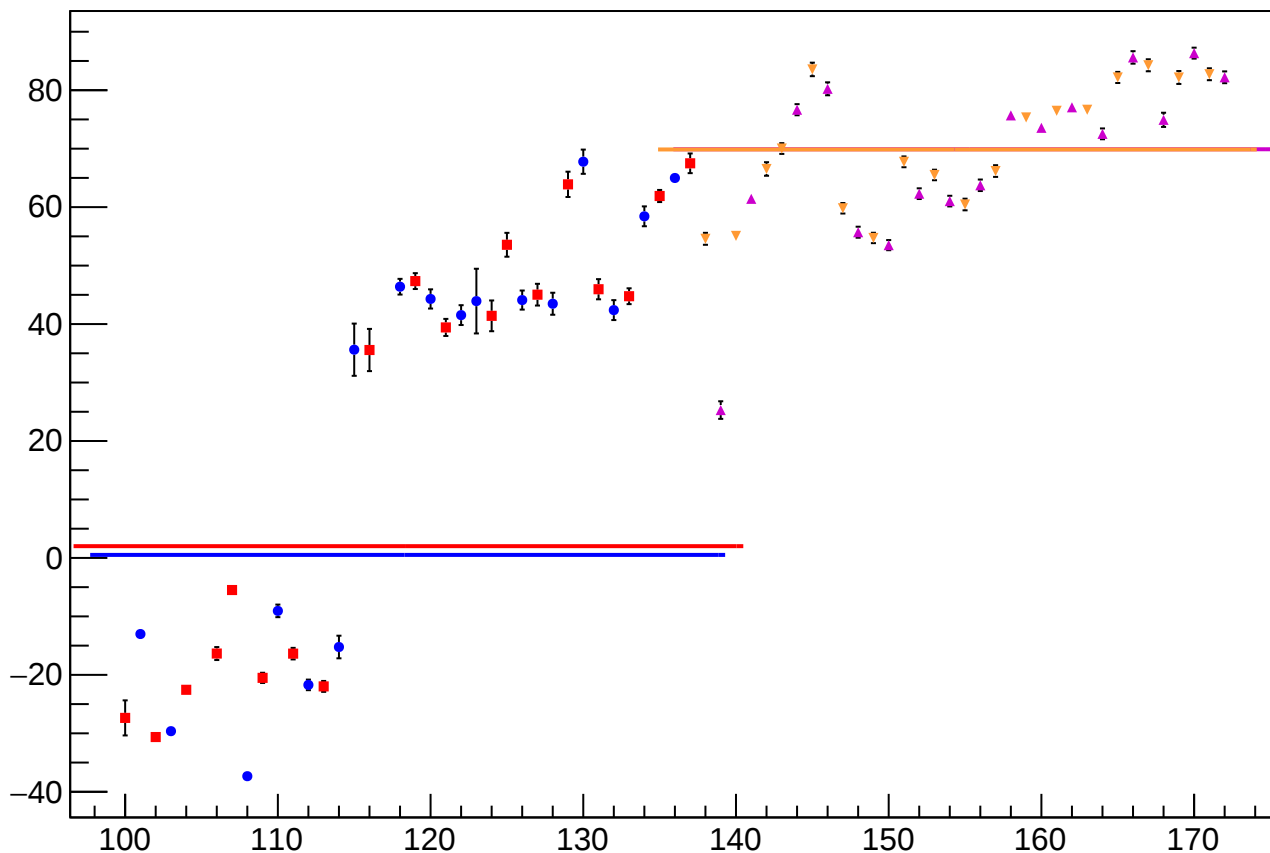
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 33.463 ± 0.213 χ^2/NDF : 16513.9/33

Out: 33.592 ± 0.213 χ^2/NDF : 14076.3/36

All: 33.527 ± 0.151 χ^2/NDF : 30590.4/70

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 69.864 $\pm$ 0.218 χ^2 /NDF:2102.0/17

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 69.899 $\pm$ 0.226 χ^2 /NDF:2774.7/16

Left: 69.881 $\pm$ 0.157 χ^2 /NDF: 4876.8/34

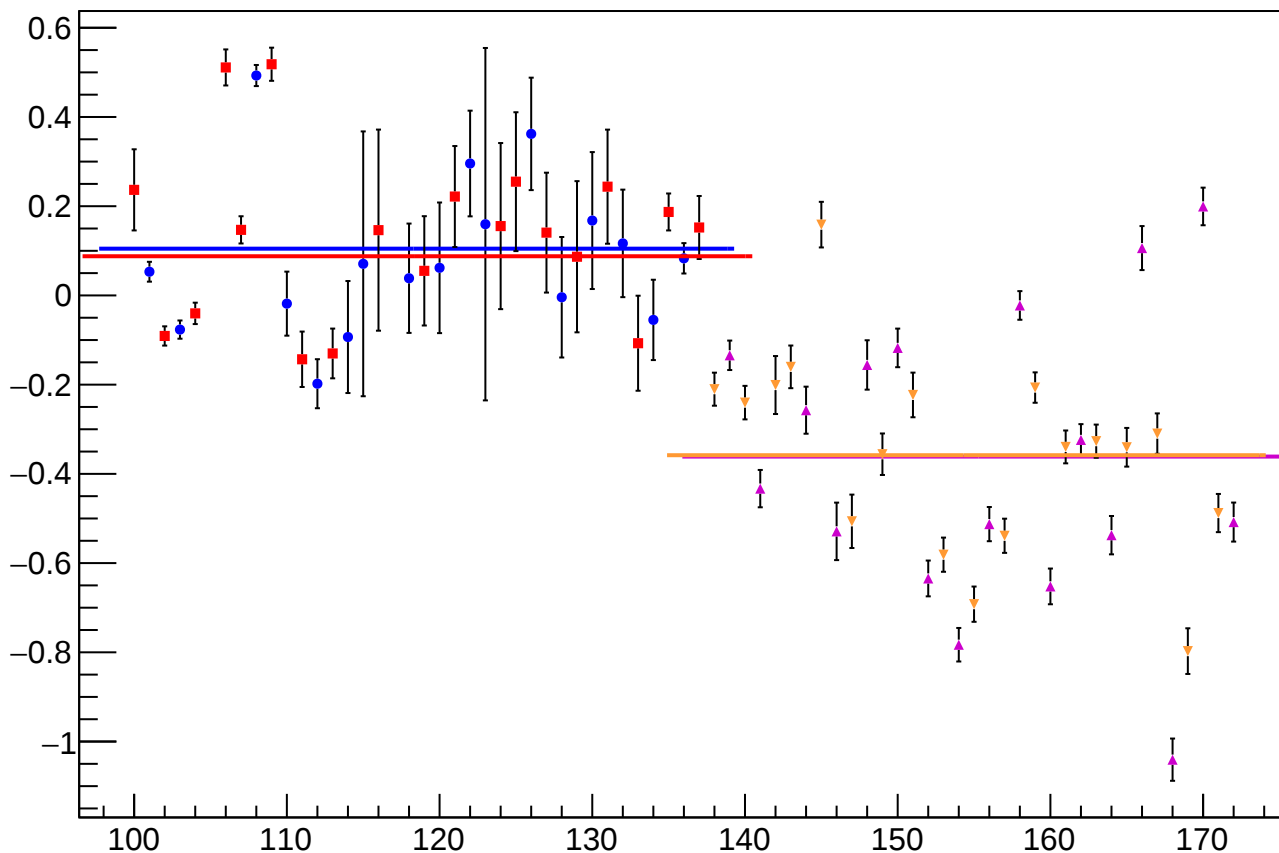
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 38.261 $\pm$ 0.167 χ^2 /NDF:64108.2/33

Out: 42.615 $\pm$ 0.169 χ^2 /NDF:56409.2/36

All: 40.411 $\pm$ 0.119 χ^2 /NDF: 120854.2/70

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.358 ± 0.010 $\chi^2/\text{NDF}: 396.8/17$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.361 ± 0.010 $\chi^2/\text{NDF}: 960.2/16$

Left: -0.360 ± 0.007 $\chi^2/\text{NDF}: 1357.0/34$

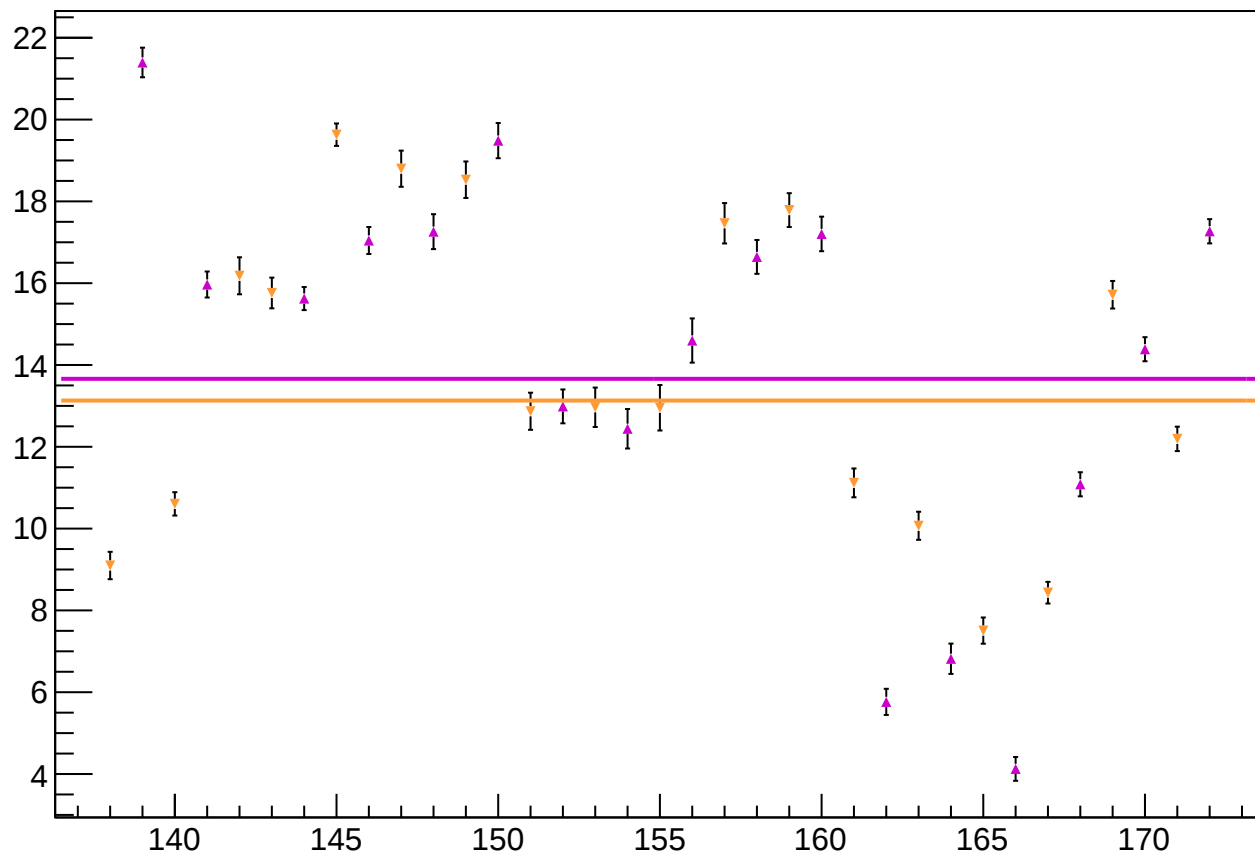
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.149 ± 0.007 $\chi^2/\text{NDF}: 2333.1/33$

Out: -0.155 ± 0.007 $\chi^2/\text{NDF}: 1683.9/36$

All: -0.152 ± 0.005 $\chi^2/\text{NDF}: 4017.4/70$

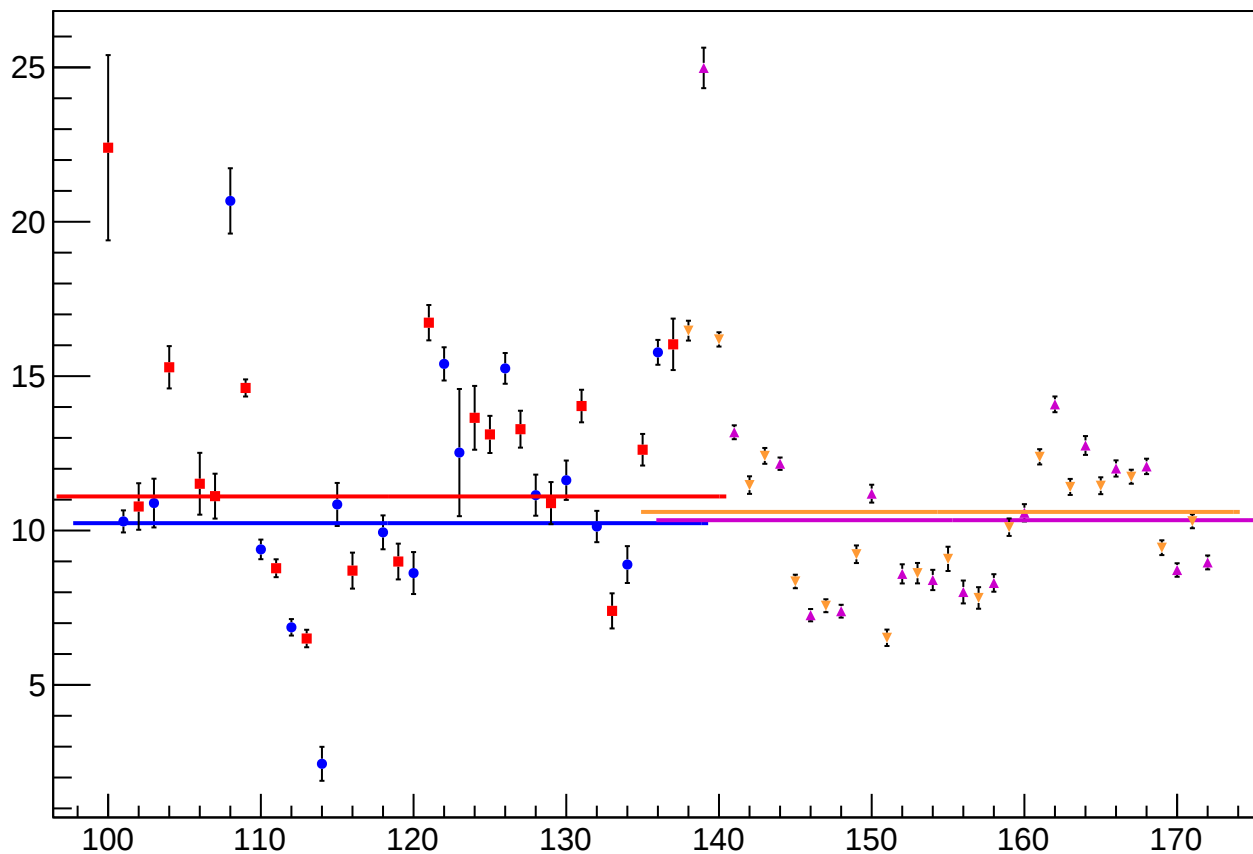
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.131+/-0.085 χ^2/NDF :2198.4/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.662+/-0.085 χ^2/NDF :3306.3/16

Left: 13.395+/-0.060 χ^2/NDF : 5524.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.662+/-0.085 χ^2/NDF :3306.3/16
 Out: 13.131+/-0.085 χ^2/NDF :2198.4/17
 All: 13.395+/-0.060 χ^2/NDF : 5524.3/34

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.603+/-0.062 χ^2/NDF : 1789.2/17

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 10.335+/-0.062 χ^2/NDF : 1808.7/16

Left: 10.470+/-0.044 χ^2/NDF : 3607.2/34

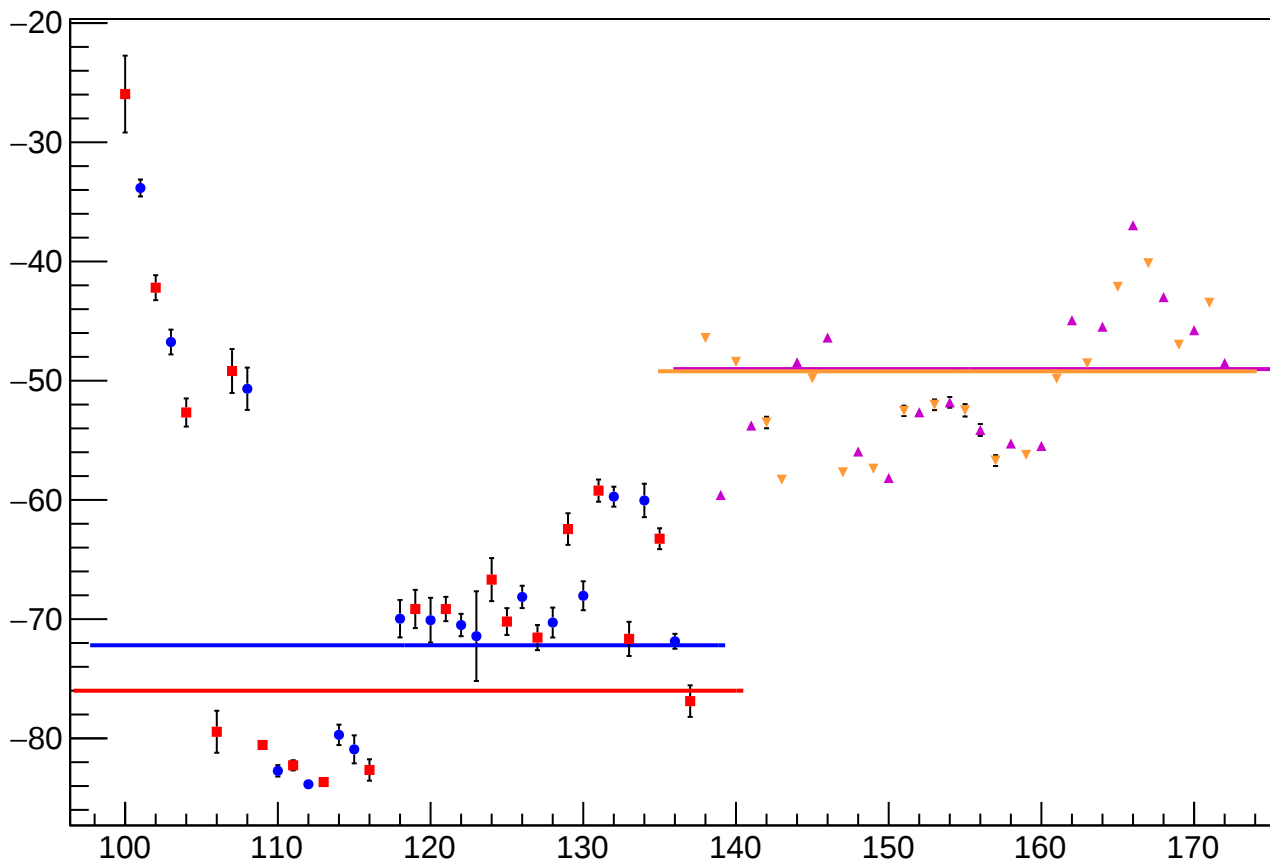
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.314+/-0.055 χ^2/NDF : 2676.6/33

Out: 10.713+/-0.054 χ^2/NDF : 2618.8/36

All: 10.516+/-0.039 χ^2/NDF : 5321.8/70

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -49.207 ± 0.085 $\chi^2/\text{NDF}: 4242.5/17$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -49.026 ± 0.084 $\chi^2/\text{NDF}: 5041.3/16$

Left: -49.116 ± 0.060 $\chi^2/\text{NDF}: 9286.1/34$

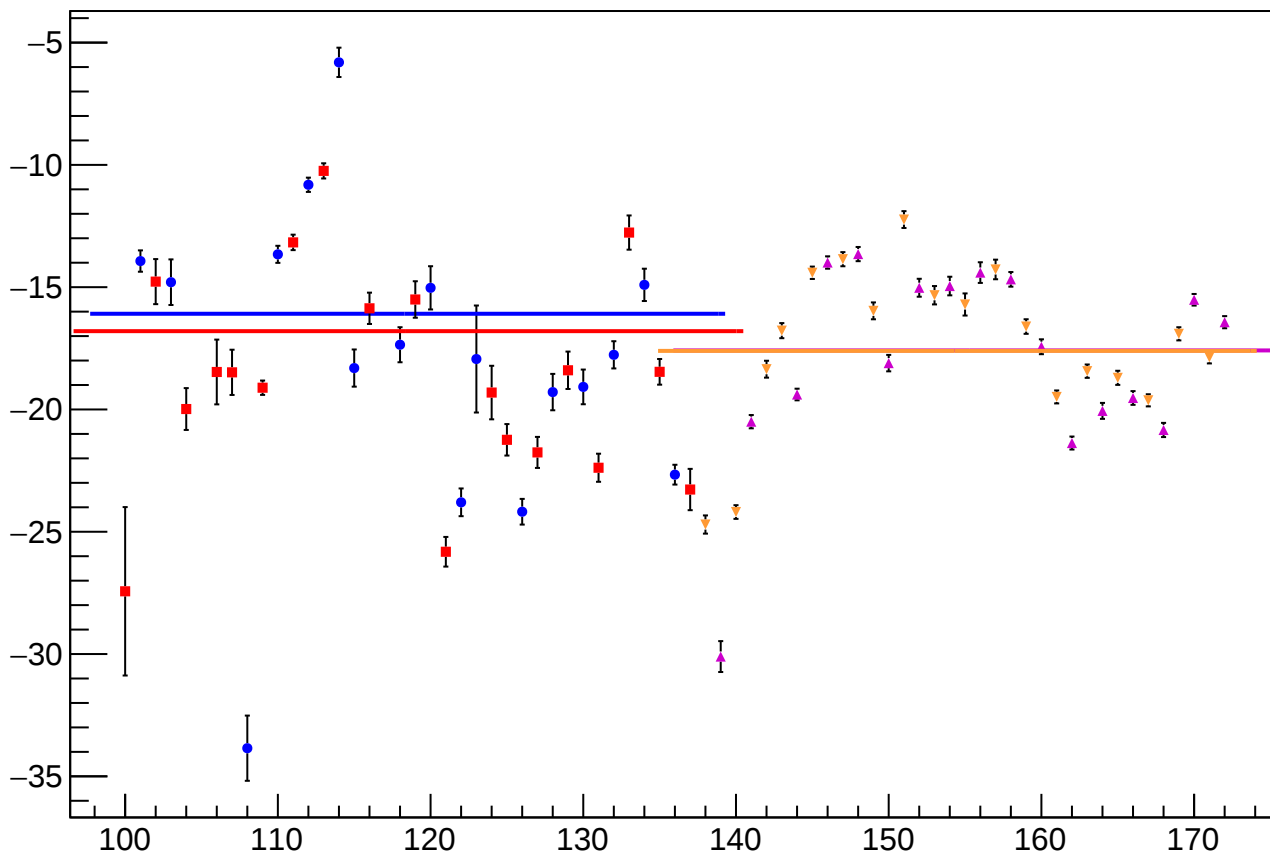
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -52.580 ± 0.078 $\chi^2/\text{NDF}: 22177.5/33$

Out: -54.031 ± 0.077 $\chi^2/\text{NDF}: 25689.9/36$

All: -53.313 ± 0.055 $\chi^2/\text{NDF}: 48043.9/70$

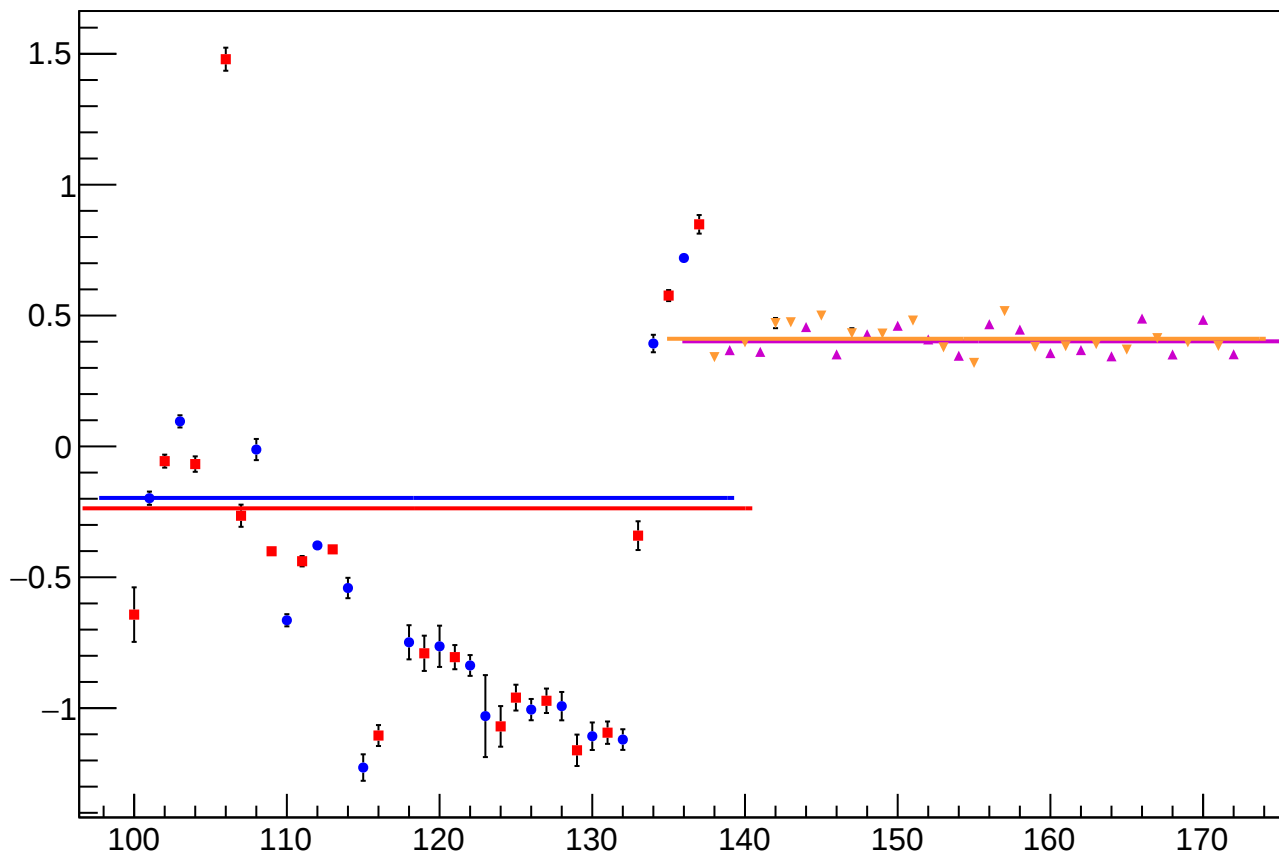
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.605 ± 0.071 $\chi^2/\text{NDF}: 1805.0/17$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.586 ± 0.072 $\chi^2/\text{NDF}: 1732.3/16$

Left: -17.596 ± 0.051 $\chi^2/\text{NDF}: 3537.4/34$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -17.245 ± 0.063 $\chi^2/\text{NDF}: 3453.0/33$
 Out: -17.415 ± 0.062 $\chi^2/\text{NDF}: 3049.4/36$
 All: -17.332 ± 0.044 $\chi^2/\text{NDF}: 6506.1/70$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.411 ± 0.003 χ^2/NDF : 233.6/17

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.402 ± 0.003 χ^2/NDF : 272.3/16

Left: 0.406 ± 0.002 χ^2/NDF : 510.3/34

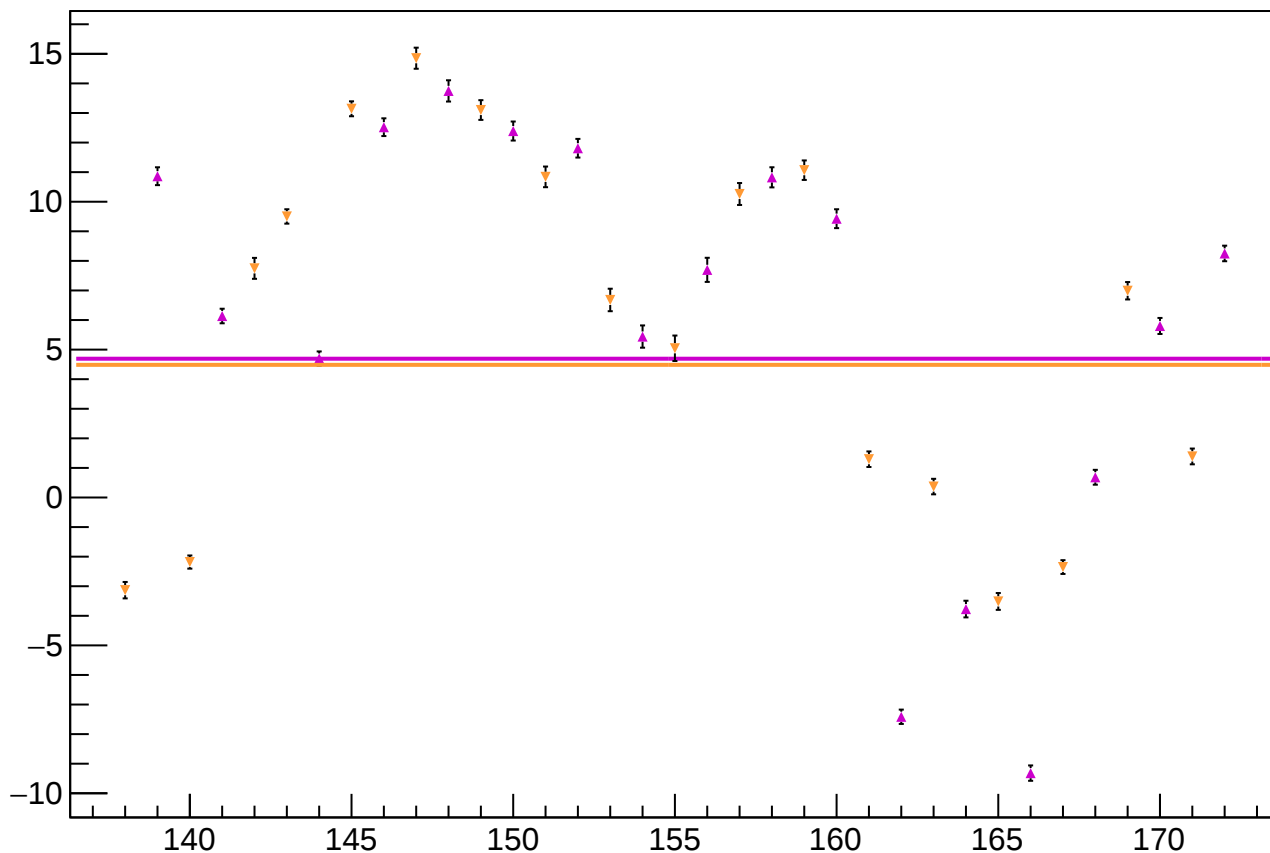
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.305 ± 0.003 χ^2/NDF : 11877.0/33

Out: 0.297 ± 0.003 χ^2/NDF : 13181.2/36

All: 0.301 ± 0.002 χ^2/NDF : 25061.6/70

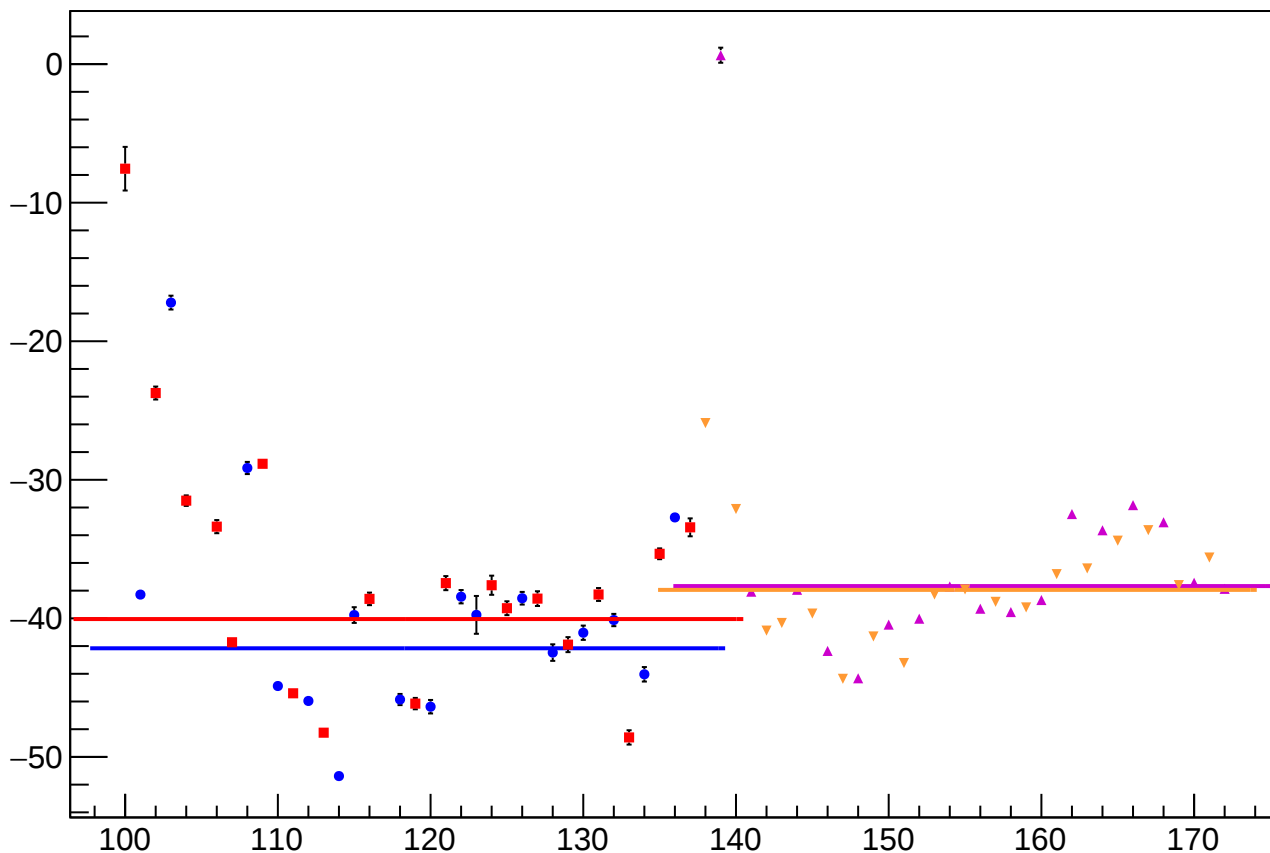
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.485 $\pm$ 0.069 χ^2 /NDF:8108.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.692 $\pm$ 0.070 χ^2 /NDF:10214.5/16

Left: 4.586 $\pm$ 0.049 χ^2 /NDF: 18326.9/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.692 $\pm$ 0.070 χ^2 /NDF:10214.5/16
 Out: 4.485 $\pm$ 0.069 χ^2 /NDF:8108.0/17
 All: 4.586 $\pm$ 0.049 χ^2 /NDF: 18326.9/34

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -37.945 ± 0.050 $\chi^2/\text{NDF}: 6771.8/17$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -37.669 ± 0.052 $\chi^2/\text{NDF}: 9513.8/16$

Left: -37.813 ± 0.036 $\chi^2/\text{NDF}: 16300.4/34$

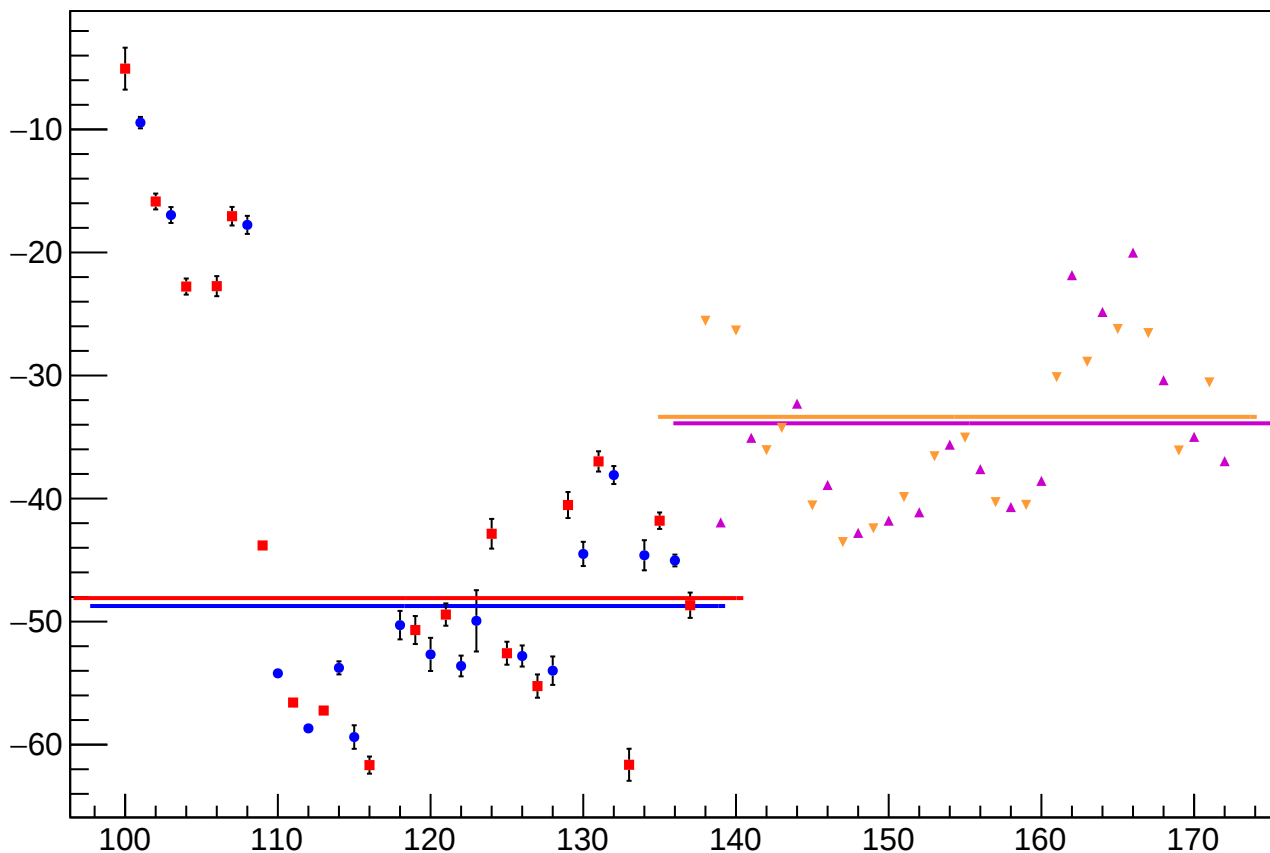
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -39.043 ± 0.043 $\chi^2/\text{NDF}: 18390.2/33$

Out: -38.612 ± 0.041 $\chi^2/\text{NDF}: 18654.8/36$

All: -38.817 ± 0.030 $\chi^2/\text{NDF}: 37097.4/70$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -33.360 ± 0.068 $\chi^2/\text{NDF}: 7676.8/17$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.884 ± 0.069 $\chi^2/\text{NDF}: 10610.5/16$

Left: -33.618 ± 0.049 $\chi^2/\text{NDF}: 18316.2/34$

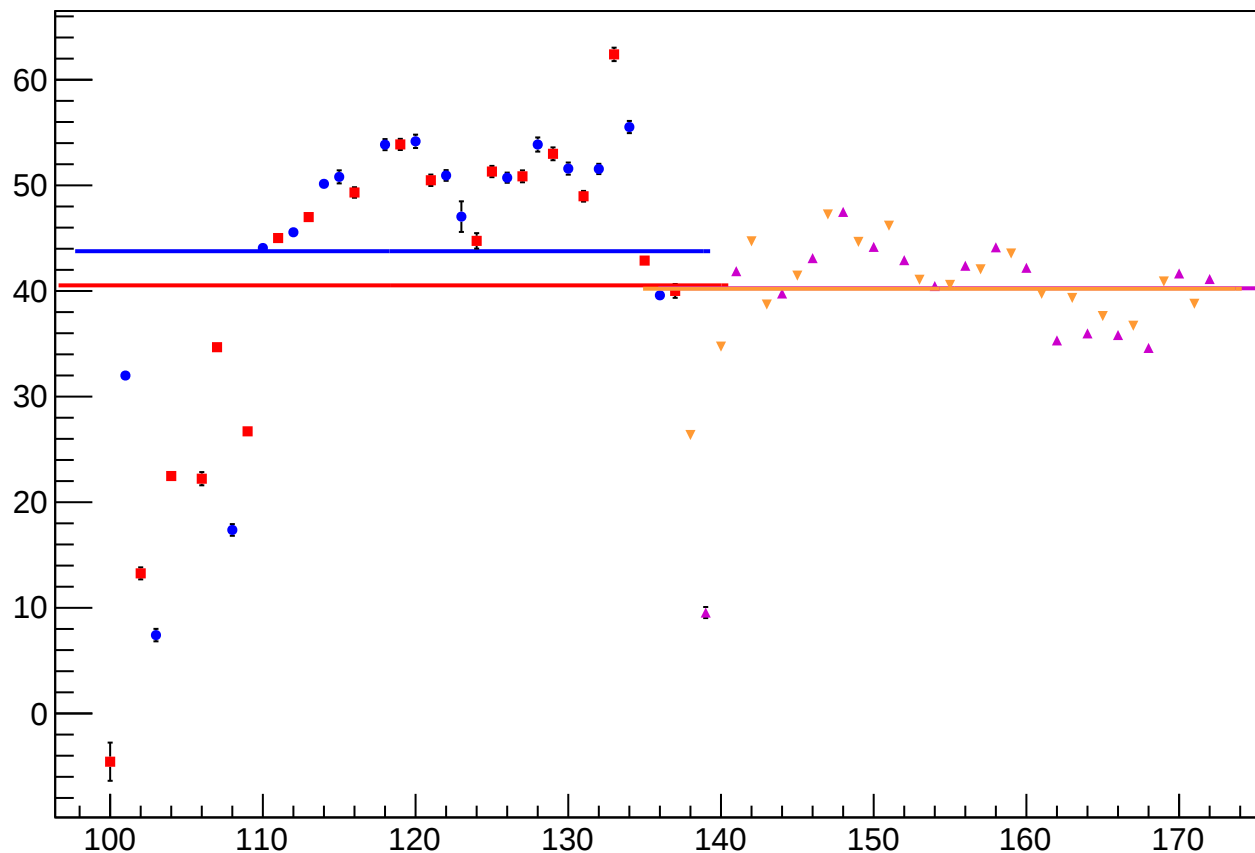
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -37.400 ± 0.061 $\chi^2/\text{NDF}: 36094.7/33$

Out: -37.629 ± 0.058 $\chi^2/\text{NDF}: 32811.0/36$

All: -37.520 ± 0.042 $\chi^2/\text{NDF}: 68913.2/70$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2/NDF : 10633.5/16

Left Out: 40.216 $\pm$ 0.057 χ^2/NDF : 5351.8/17

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 40.256 $\pm$ 0.059 χ^2/NDF : 6995.0/16

Left: 40.235 $\pm$ 0.041 χ^2/NDF : 12347.1/34

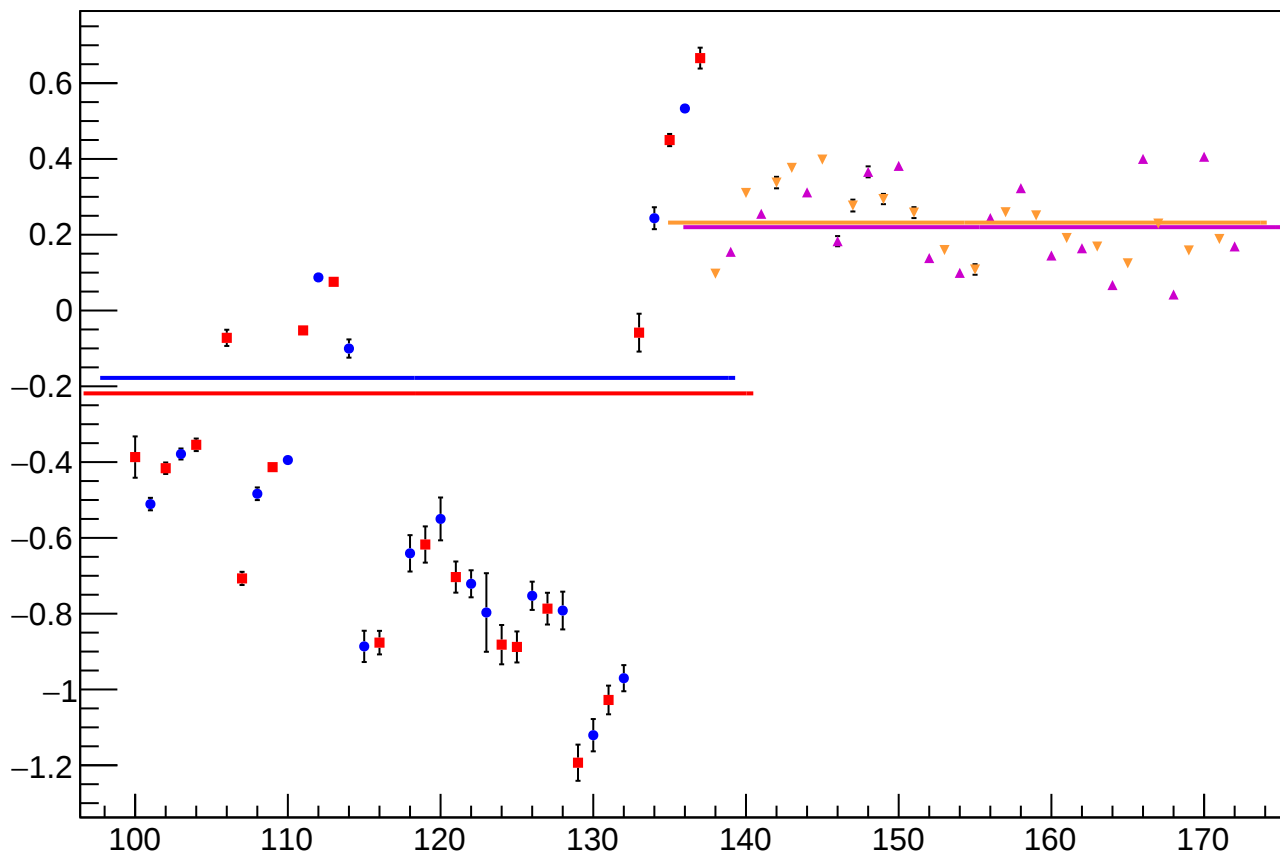
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 41.372 $\pm$ 0.049 χ^2/NDF : 18744.4/33

Out: 40.322 $\pm$ 0.047 χ^2/NDF : 22942.9/36

All: 40.821 $\pm$ 0.034 χ^2/NDF : 41928.5/70

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.232 ± 0.003 χ^2/NDF : 1035.2/17

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.220 ± 0.003 χ^2/NDF : 1830.6/16

Left: 0.226 ± 0.002 χ^2/NDF : 2875.9/34

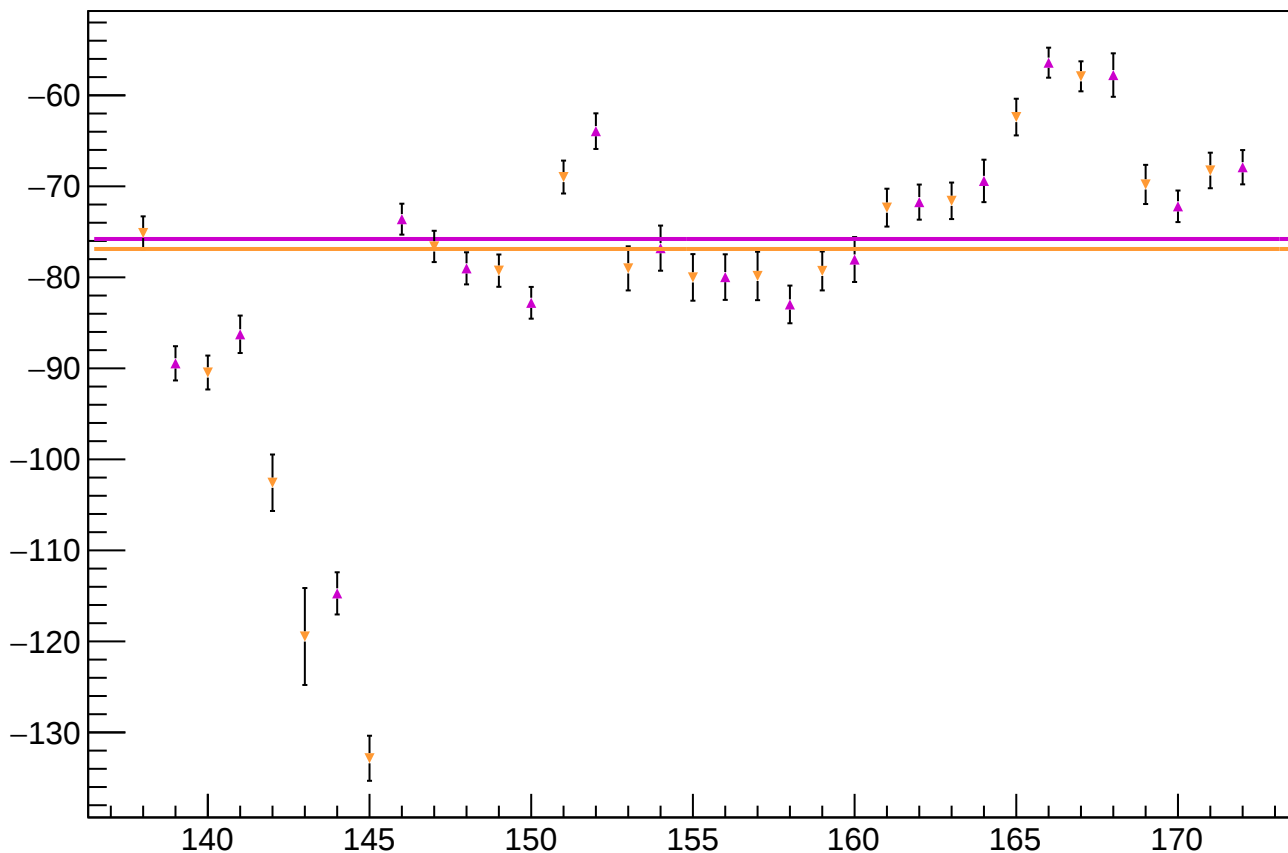
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.125 ± 0.002 χ^2/NDF : 14327.8/33

Out: 0.106 ± 0.002 χ^2/NDF : 16414.1/36

All: 0.115 ± 0.002 χ^2/NDF : 30774.8/70

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



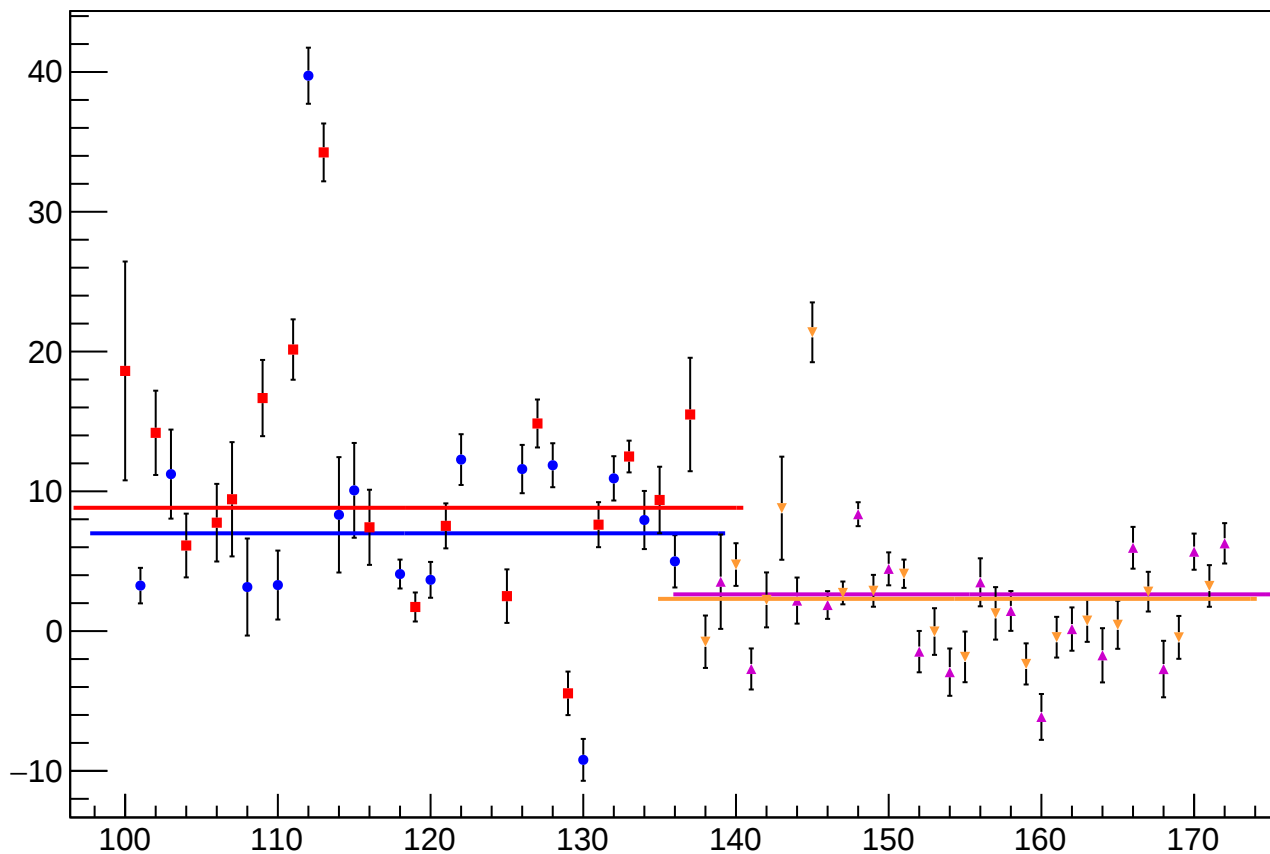
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.884+/-0.494 χ^2/NDF : 949.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -75.785+/-0.483 χ^2/NDF : 663.0/16

Left: -76.322+/-0.345 χ^2/NDF : 1614.8/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.785+/-0.483 χ^2/NDF : 663.0/16
 Out: -76.884+/-0.494 χ^2/NDF : 949.3/17

All: -76.322+/-0.345 χ^2/NDF : 1614.8/34

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.306 ± 0.342 $\chi^2/\text{NDF}: 118.5/17$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.628 ± 0.343 $\chi^2/\text{NDF}: 140.8/16$

Left: 2.467 ± 0.242 $\chi^2/\text{NDF}: 259.7/34$

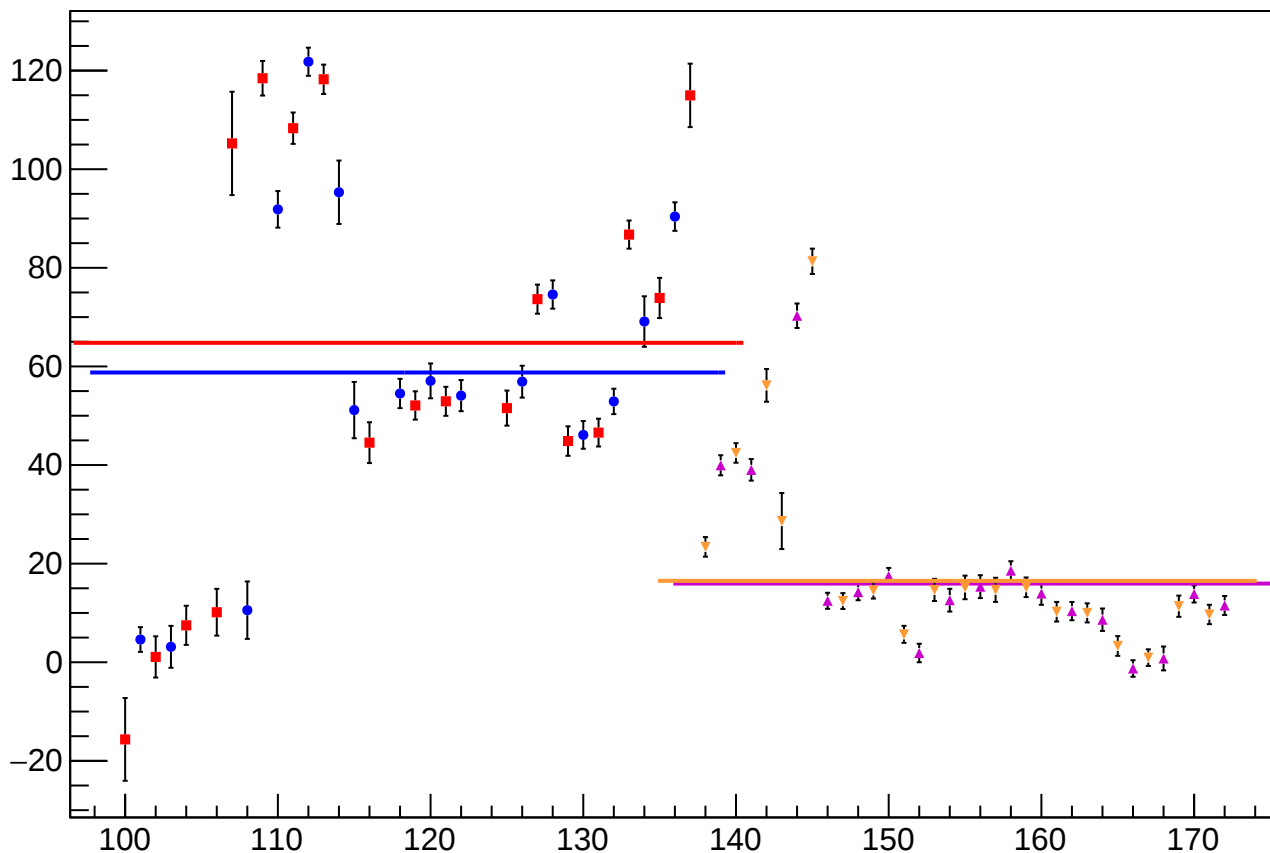
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.309 ± 0.269 $\chi^2/\text{NDF}: 648.4/32$

Out: 4.703 ± 0.272 $\chi^2/\text{NDF}: 602.2/35$

All: 4.504 ± 0.191 $\chi^2/\text{NDF}: 1251.6/68$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.513 $\pm$ 0.485 χ^2 /NDF:1183.6/17

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 15.959 $\pm$ 0.473 χ^2 /NDF:968.9/16

Left: 16.229 $\pm$ 0.339 χ^2 /NDF: 2153.1/34

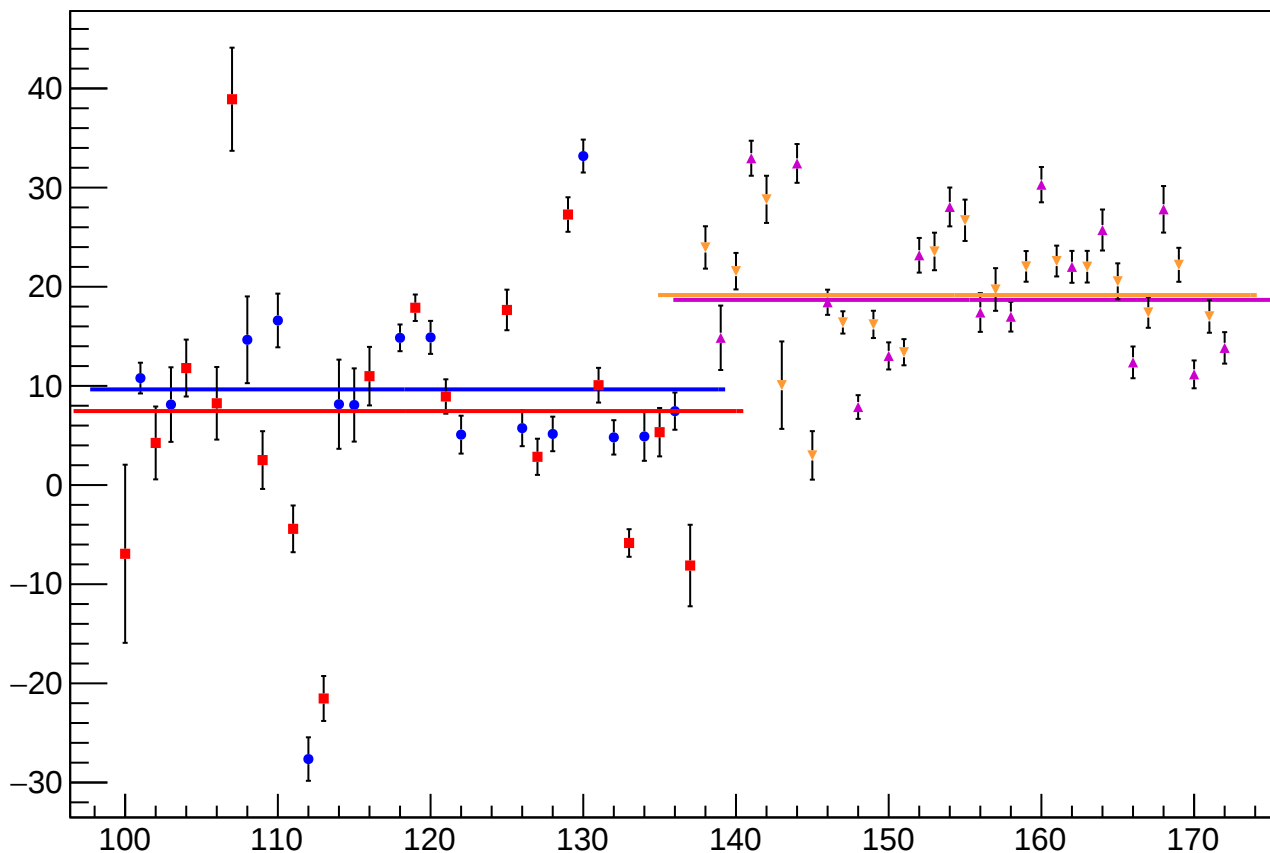
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 26.407 $\pm$ 0.411 χ^2 /NDF:4459.3/32

Out: 28.560 $\pm$ 0.420 χ^2 /NDF:5377.8/35

All: 27.462 $\pm$ 0.294 χ^2 /NDF: 9850.6/68

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 19.165 ± 0.402 χ^2/NDF : 137.8/17

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 18.675 ± 0.400 χ^2/NDF : 373.4/16

Left: 18.919 ± 0.284 χ^2/NDF : 511.9/34

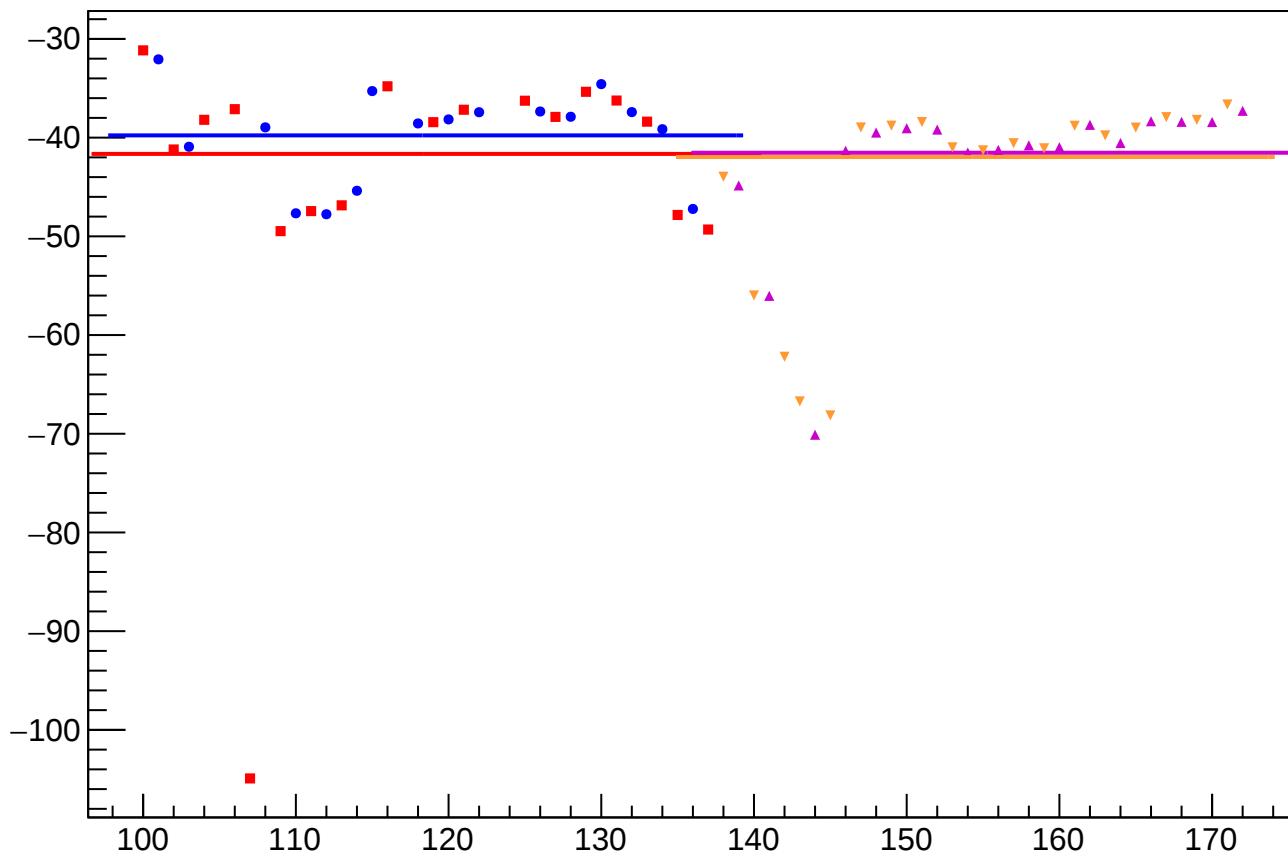
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 15.165 ± 0.313 χ^2/NDF : 1124.5/32

Out: 14.738 ± 0.317 χ^2/NDF : 1024.9/35

All: 14.954 ± 0.223 χ^2/NDF : 2150.3/68

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -41.966 ± 0.019 χ^2/NDF : 149728.5/17

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -41.531 ± 0.019 χ^2/NDF : 112142.0/16

Left: -41.742 ± 0.013 χ^2/NDF : 262137.5/34

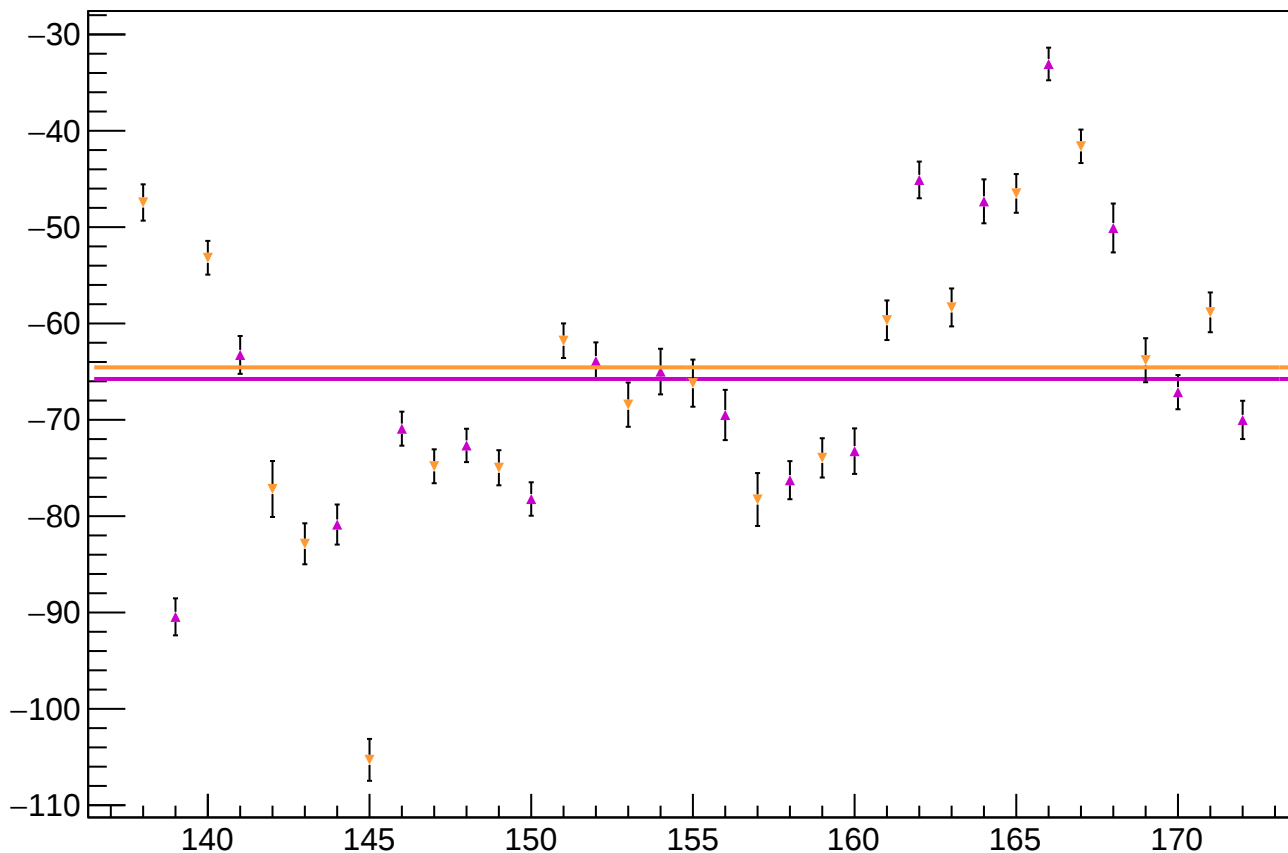
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -41.068 ± 0.016 χ^2/NDF : 140678.1/32

Out: -41.879 ± 0.016 χ^2/NDF : 244319.0/35

All: -41.465 ± 0.011 χ^2/NDF : 386261.1/68

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -64.555+/-0.481 χ^2/NDF : 966.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.761+/-0.481 χ^2/NDF : 936.4/16

Left: -65.157+/-0.340 χ^2/NDF : 1905.5/34

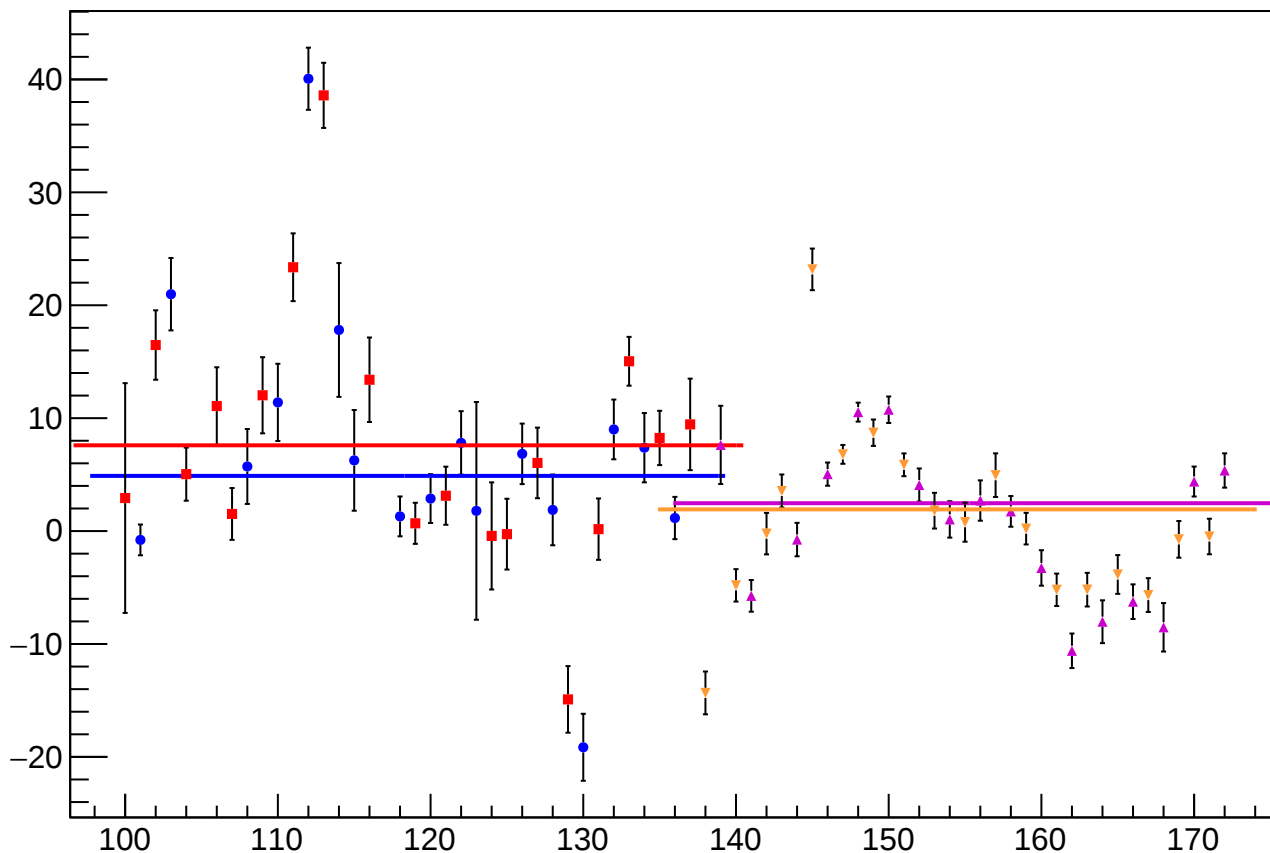
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.761+/-0.481 χ^2/NDF : 936.4/16

Out: -64.555+/-0.481 χ^2/NDF : 966.0/17

All: -65.157+/-0.340 χ^2/NDF : 1905.5/34

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.921 ± 0.334 χ^2/NDF : 407.7/17

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 2.469 ± 0.341 χ^2/NDF : 373.2/16

Left: 2.189 ± 0.238 χ^2/NDF : 782.2/34

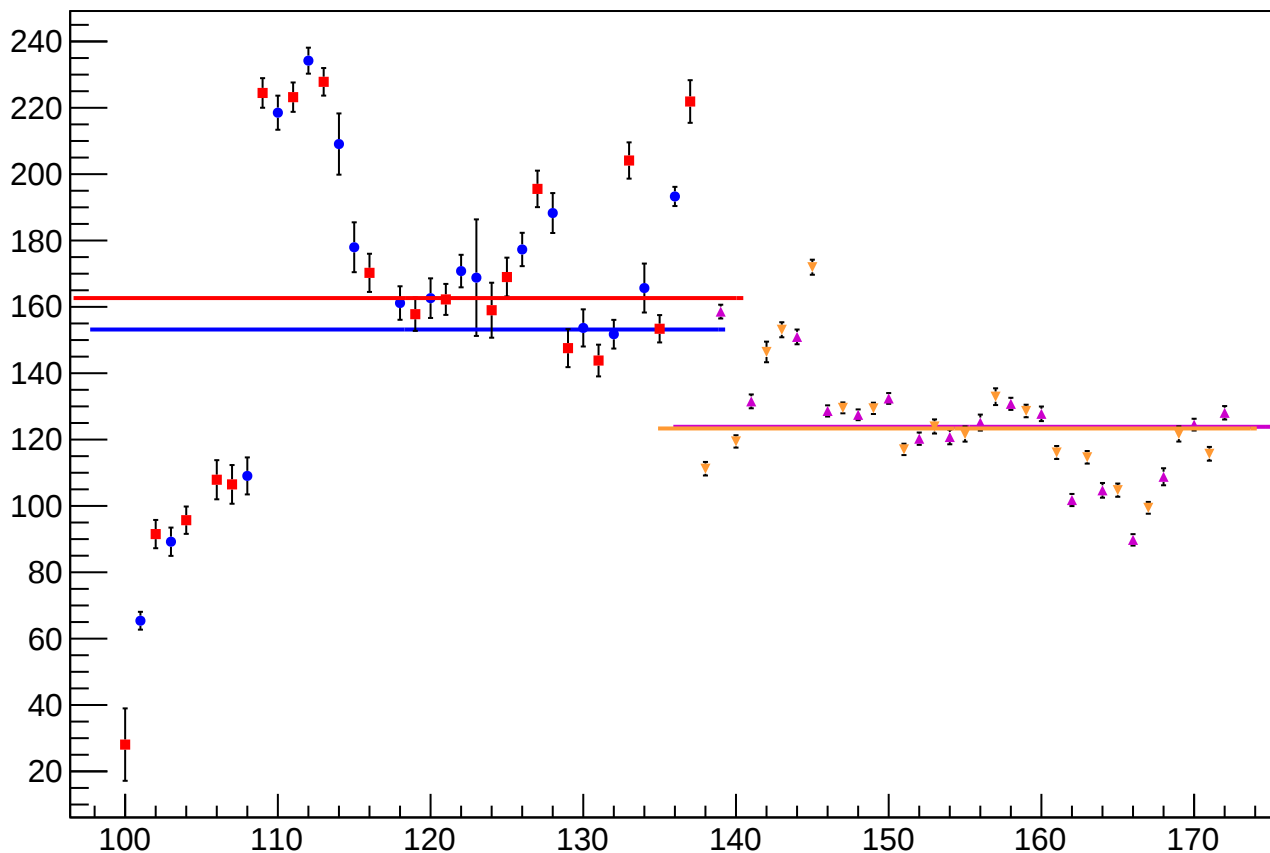
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.028 ± 0.299 χ^2/NDF : 679.5/33

Out: 3.101 ± 0.297 χ^2/NDF : 737.2/36

All: 3.065 ± 0.211 χ^2/NDF : 1416.8/70

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 123.346 $\pm$ 0.474 χ^2 /NDF:1104.6/17

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 123.854 $\pm$ 0.472 χ^2 /NDF:1154.1/16

Left: 123.601 $\pm$ 0.334 χ^2 /NDF: 2259.2/34

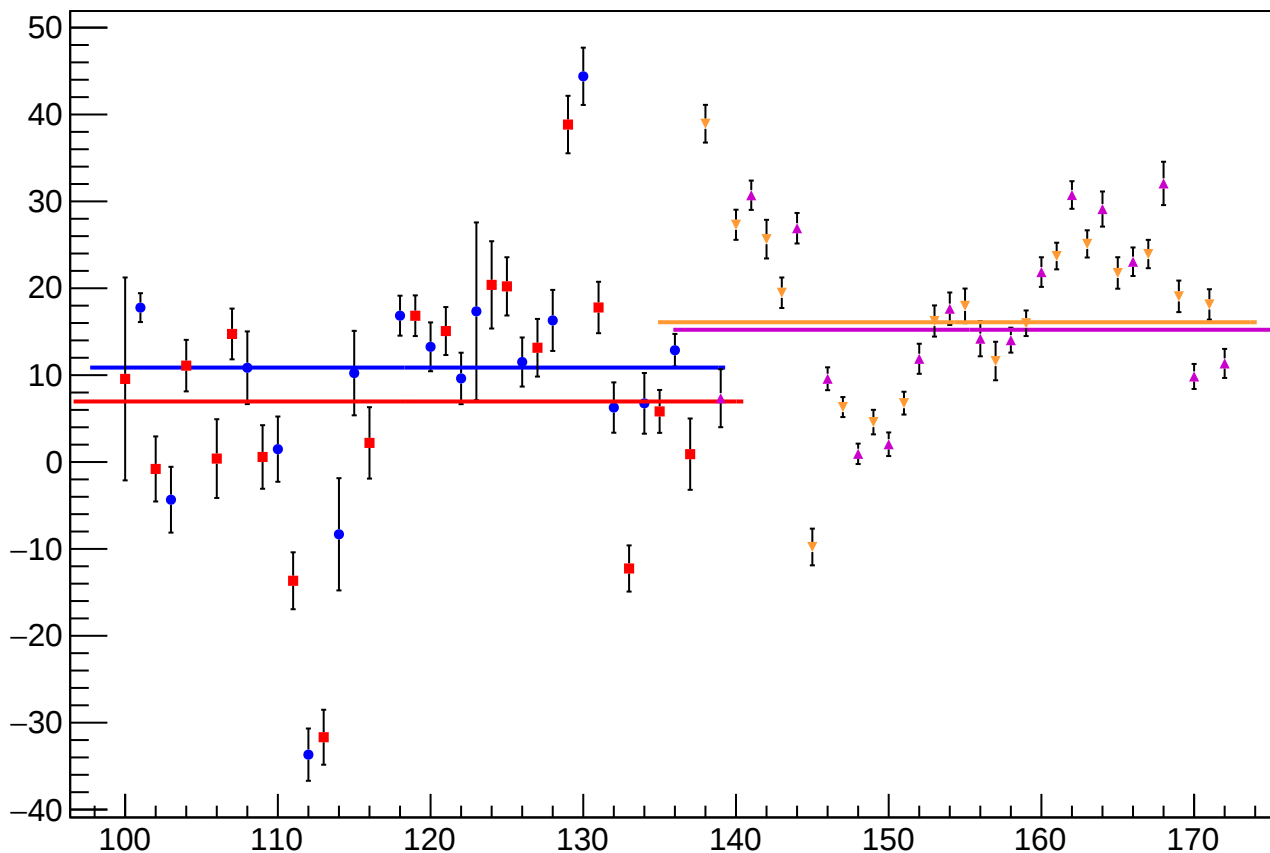
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 128.099 $\pm$ 0.436 χ^2 /NDF:3977.7/33

Out: 128.838 $\pm$ 0.440 χ^2 /NDF:3773.7/36

All: 128.466 $\pm$ 0.310 χ^2 /NDF: 7752.9/70

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2/NDF : 386.7/16

Left Out: 16.089 $\pm$ 0.392 χ^2/NDF : 613.4/17

Right Out: 6.969 $\pm$ 0.748 χ^2/NDF : 422.3/18

Left In: 15.223 $\pm$ 0.398 χ^2/NDF : 645.8/16

Left: 15.662 $\pm$ 0.279 χ^2/NDF : 1261.6/34

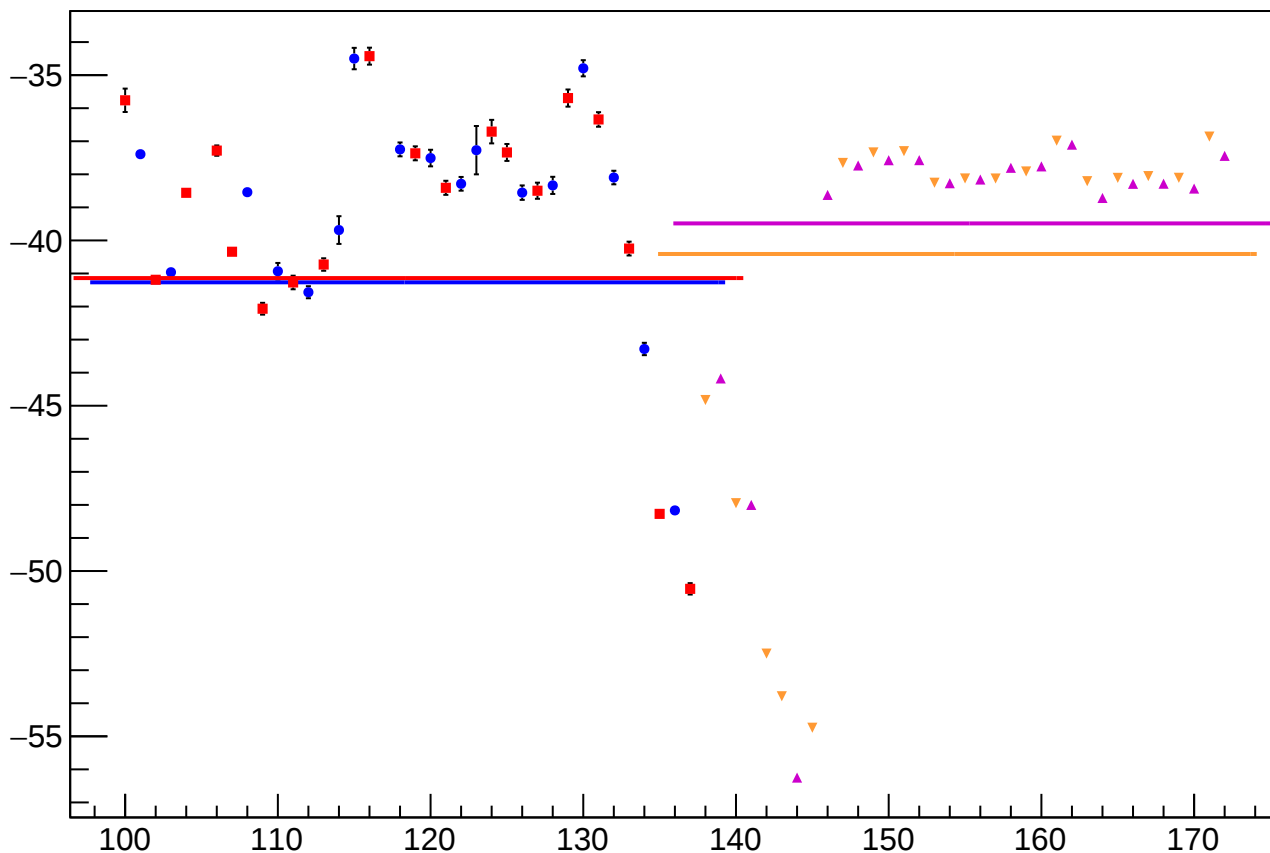
Right: 9.009 $\pm$ 0.517 χ^2/NDF : 823.3/35

In: 14.193 $\pm$ 0.348 χ^2/NDF : 1060.8/33

Out: 14.122 $\pm$ 0.347 χ^2/NDF : 1152.4/36

All: 14.157 $\pm$ 0.246 χ^2/NDF : 2213.3/70

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.410 ± 0.019 $\chi^2/\text{NDF}: 84283.9/17$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.485 ± 0.019 $\chi^2/\text{NDF}: 50329.5/16$

Left: -39.943 ± 0.013 $\chi^2/\text{NDF}: 135846.8/34$

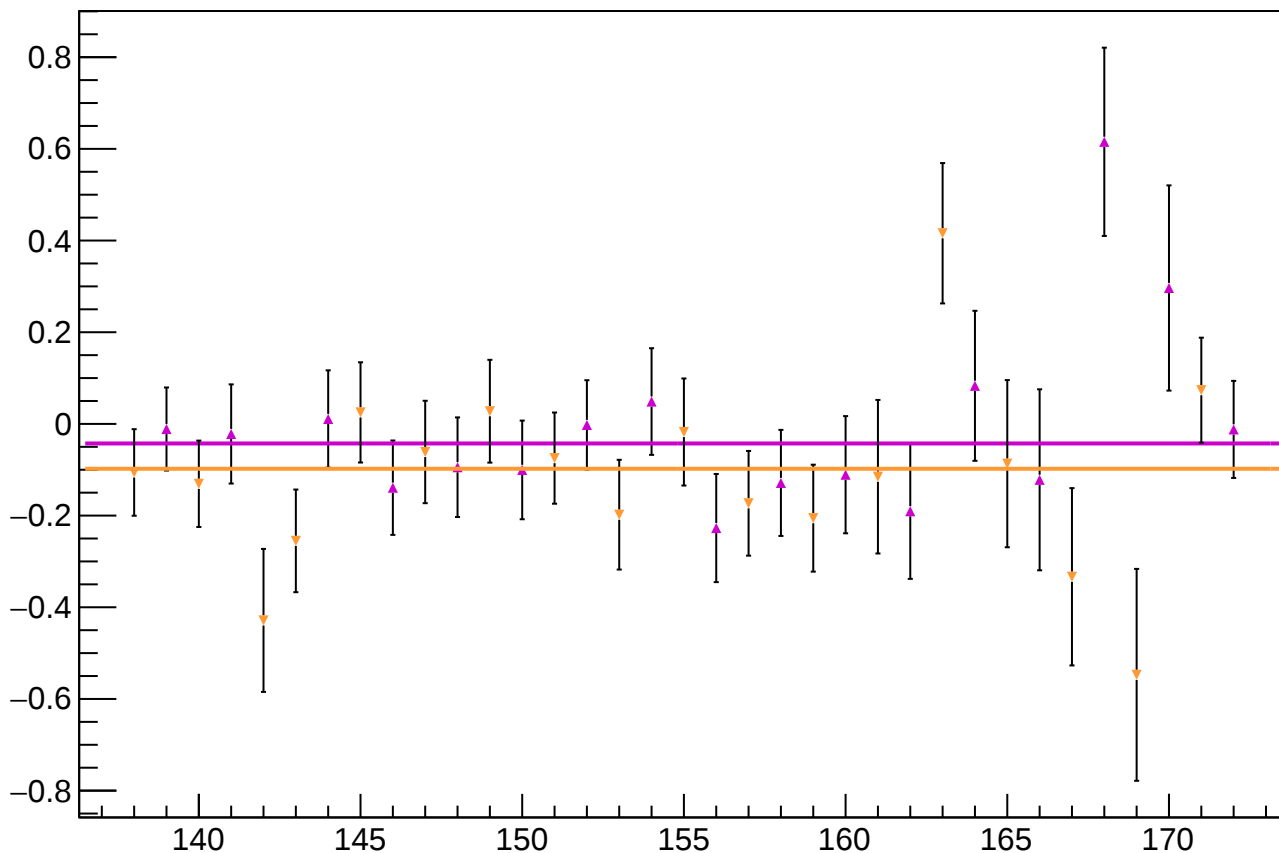
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.820 ± 0.017 $\chi^2/\text{NDF}: 64649.0/33$

Out: -40.549 ± 0.017 $\chi^2/\text{NDF}: 96814.7/36$

All: -40.181 ± 0.012 $\chi^2/\text{NDF}: 162408.2/70$

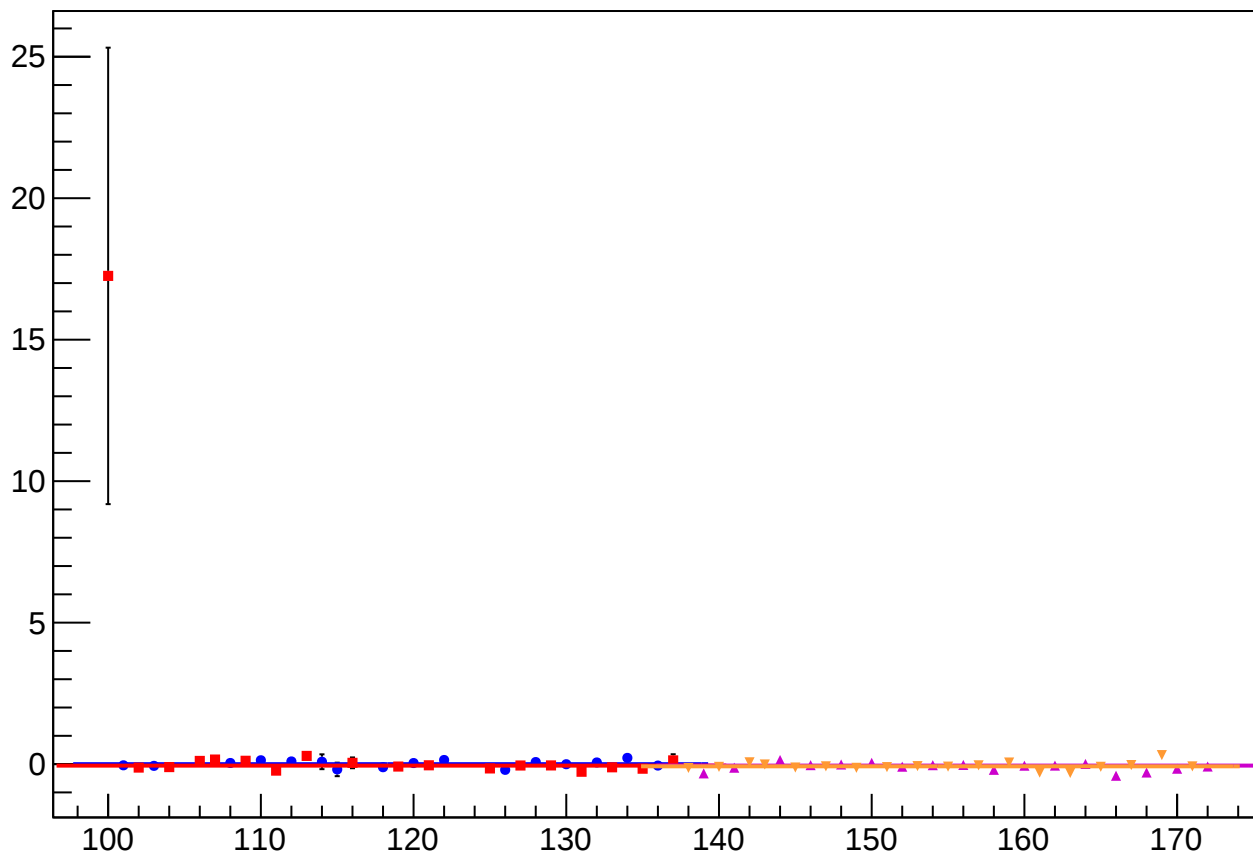
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16

Left: -0.071 $\pm$ 0.020 χ^2 /NDF: 52.6/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16
 Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17
 All: -0.071 $\pm$ 0.020 χ^2 /NDF: 52.6/34

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.020 χ^2/NDF : 20.5/17

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.053 ± 0.021 χ^2/NDF : 23.5/16

Left: -0.066 ± 0.014 χ^2/NDF : 44.8/34

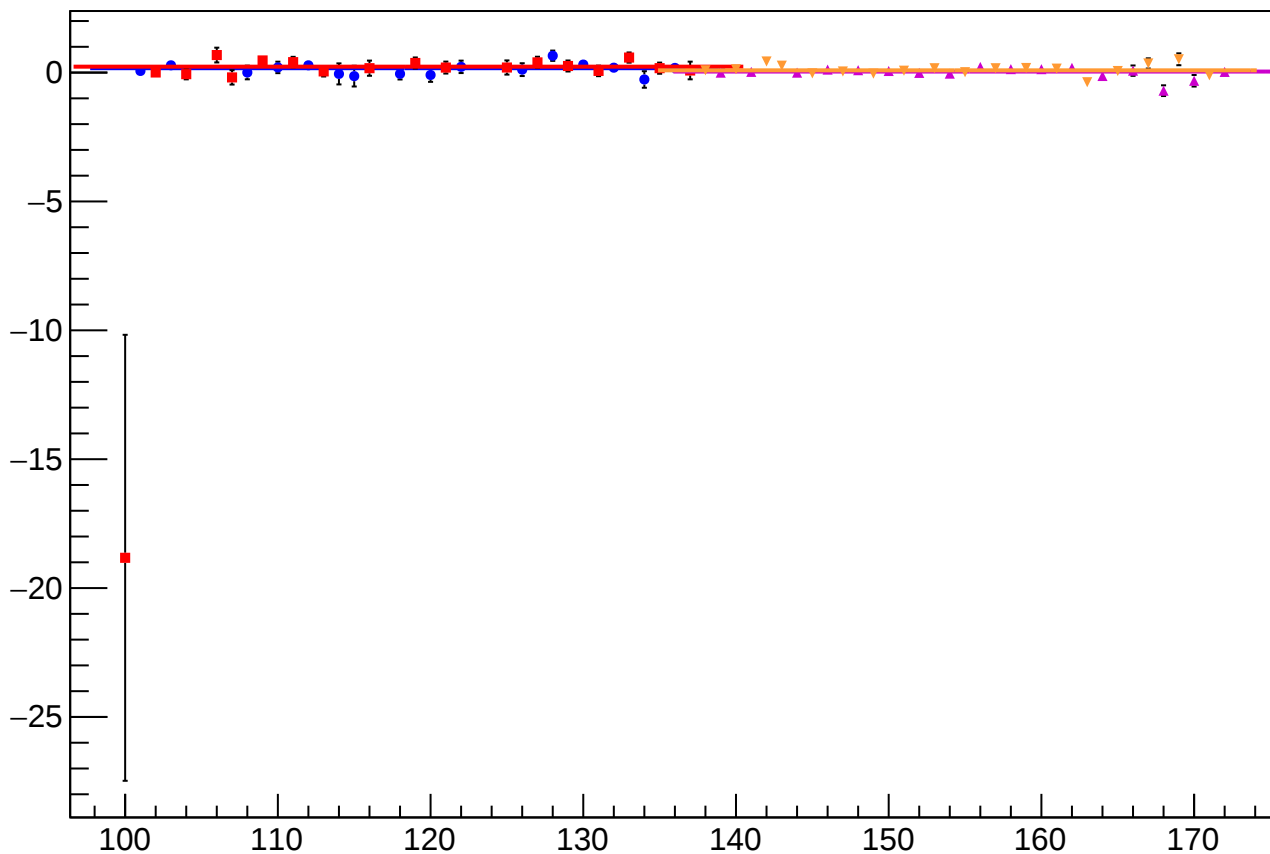
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.035 ± 0.017 χ^2/NDF : 37.7/32

Out: -0.070 ± 0.017 χ^2/NDF : 46.5/35

All: -0.053 ± 0.012 χ^2/NDF : 86.5/68

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.087 $\pm$ 0.028 χ^2 /NDF:29.8/17

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.039 $\pm$ 0.028 χ^2 /NDF:23.7/16

Left: 0.063 $\pm$ 0.020 χ^2 /NDF: 54.8/34

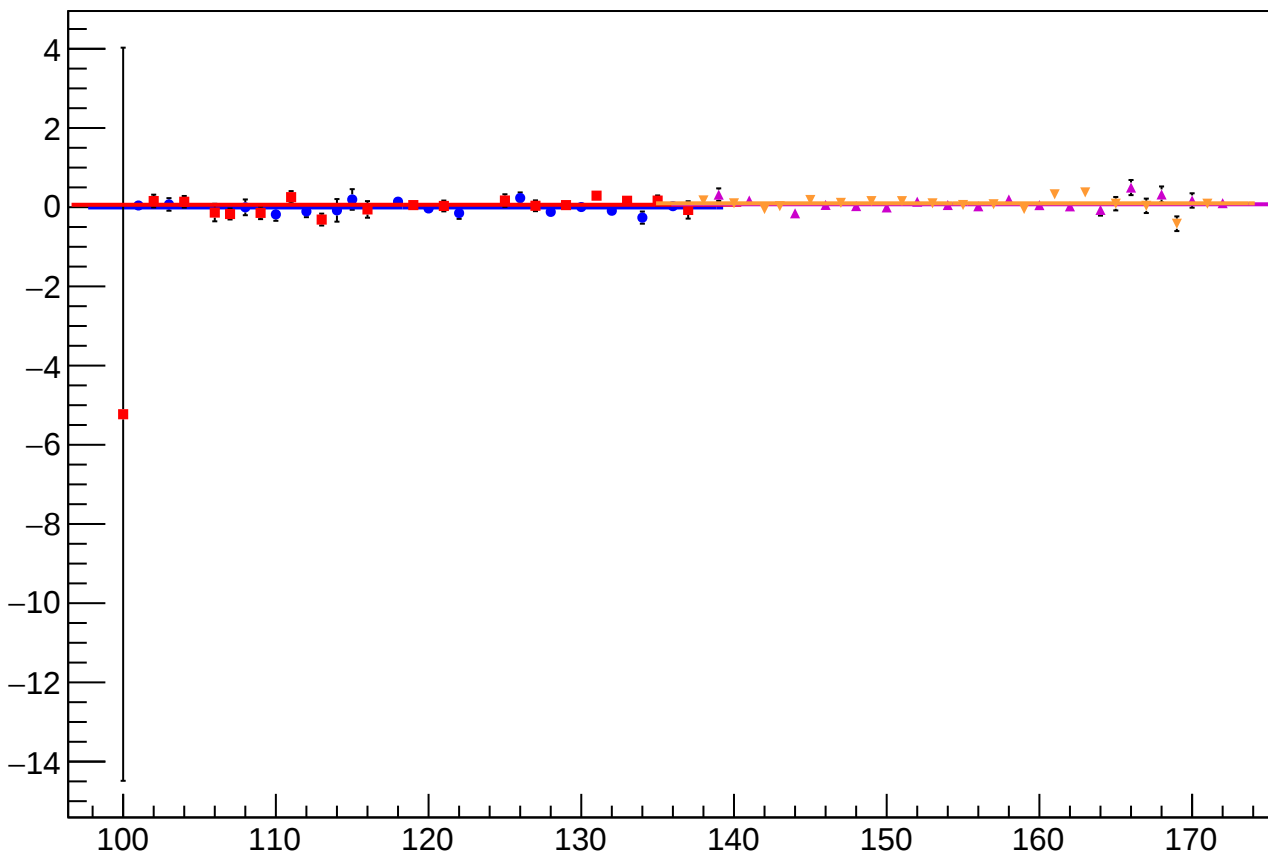
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.069 $\pm$ 0.025 χ^2 /NDF:41.5/32

Out: 0.118 $\pm$ 0.025 χ^2 /NDF:56.9/35

All: 0.093 $\pm$ 0.018 χ^2 /NDF: 100.3/68

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.024 χ^2/NDF : 23.4/17

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.073 ± 0.024 χ^2/NDF : 22.1/16

Left: 0.086 ± 0.017 χ^2/NDF : 46.1/34

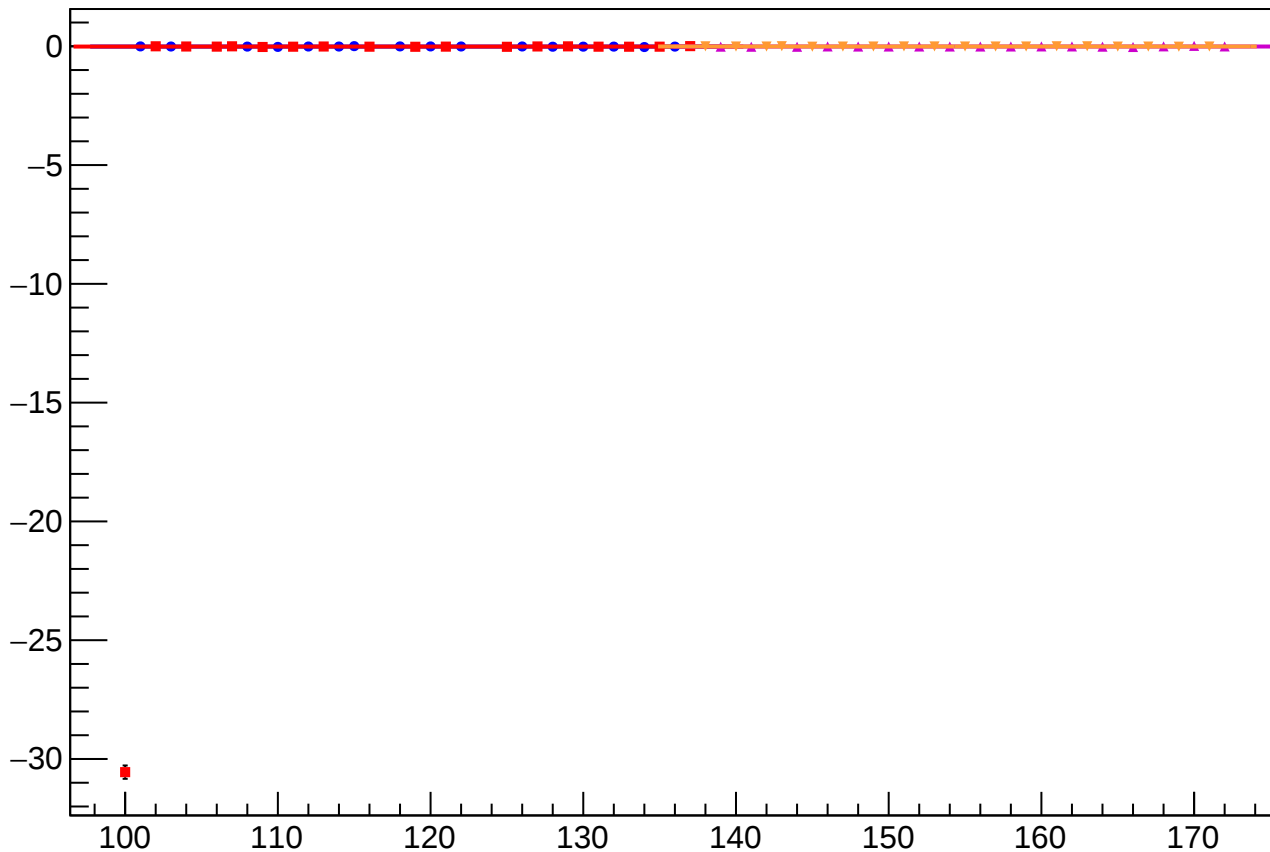
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.045 ± 0.019 χ^2/NDF : 39.2/32

Out: 0.086 ± 0.019 χ^2/NDF : 44.5/35

All: 0.066 ± 0.014 χ^2/NDF : 86.0/68

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:18.7/17

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:31.0/16

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 51.3/34

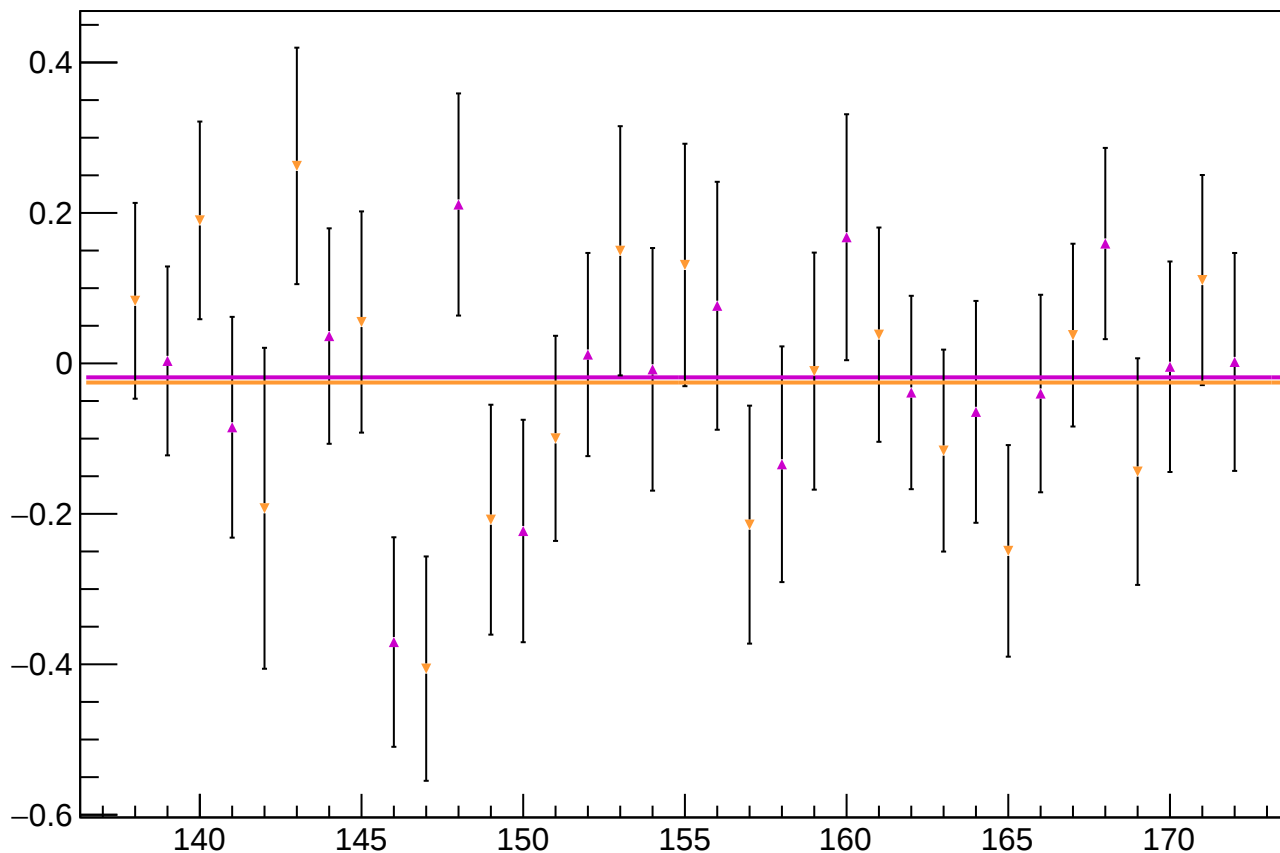
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:44.6/32

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11912.8/35

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11958.4/68

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Left: -0.022 $\pm$ 0.024 χ^2 /NDF: 39.9/34

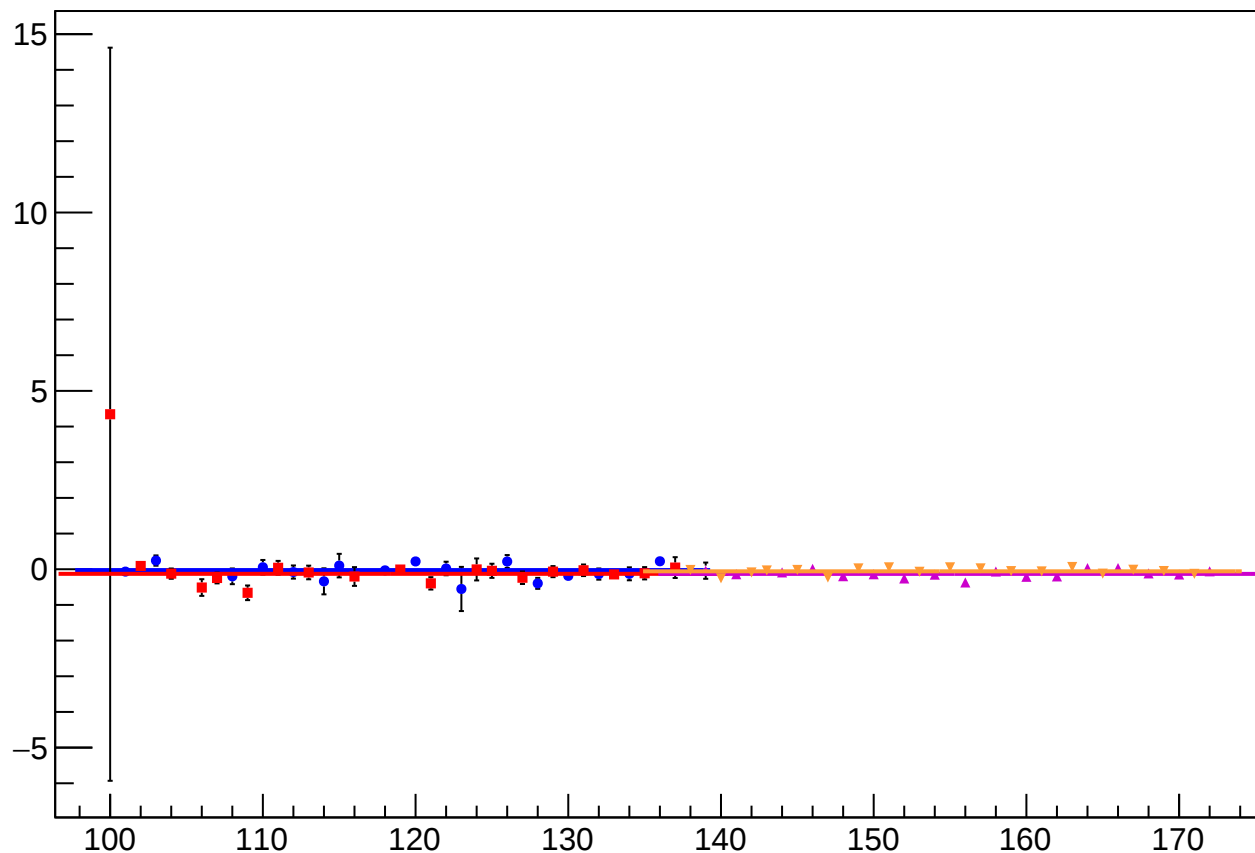
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17

All: -0.022 $\pm$ 0.024 χ^2 /NDF: 39.9/34

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.037 χ^2/NDF : 22.4/16

Left Out: -0.058 $\pm$ 0.025 χ^2/NDF : 16.2/17

Right Out: -0.129 $\pm$ 0.039 χ^2/NDF : 18.8/18

Left In: -0.130 $\pm$ 0.025 χ^2/NDF : 15.7/16

Left: -0.093 $\pm$ 0.018 χ^2/NDF : 36.1/34

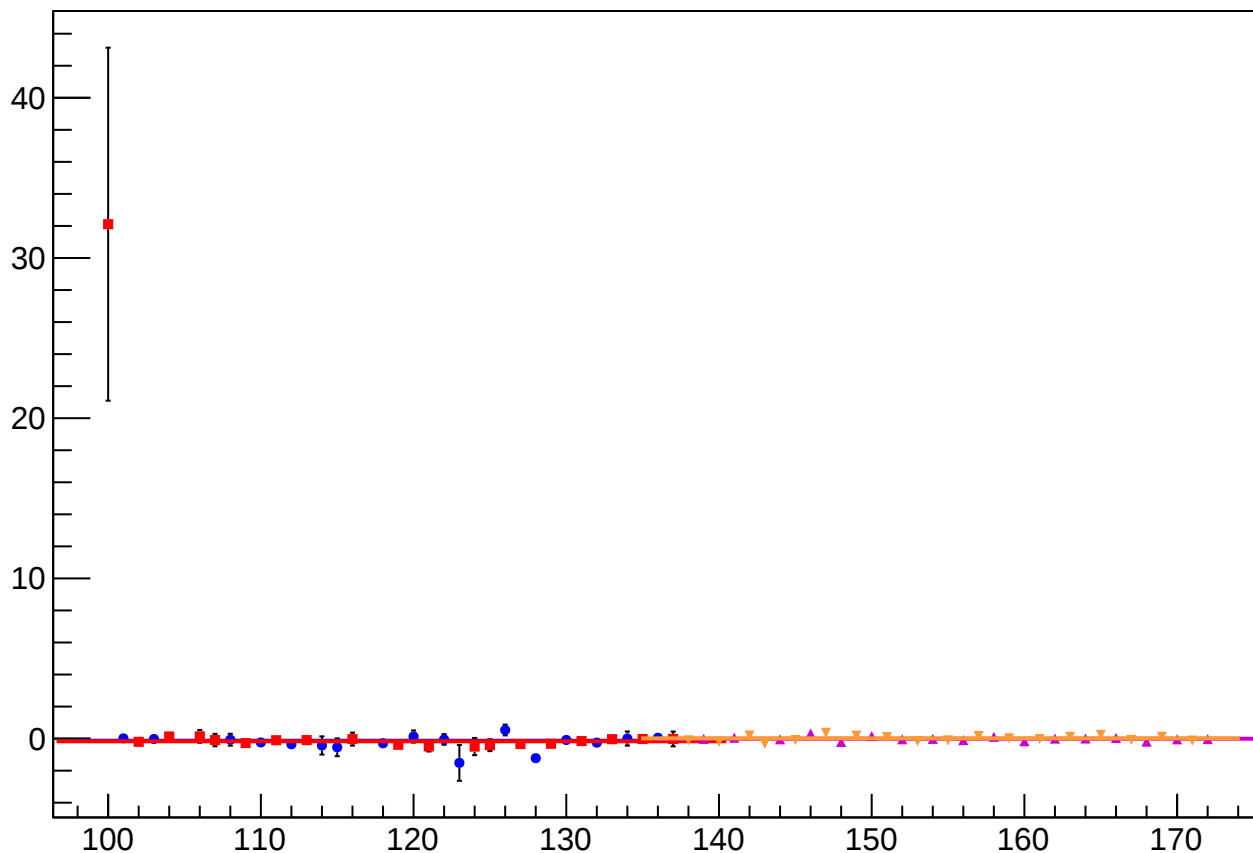
Right: -0.072 $\pm$ 0.027 χ^2/NDF : 45.1/35

In: -0.095 $\pm$ 0.021 χ^2/NDF : 43.9/33

Out: -0.078 $\pm$ 0.021 χ^2/NDF : 37.3/36

All: -0.087 $\pm$ 0.015 χ^2/NDF : 81.6/70

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.016 ± 0.034 $\chi^2/\text{NDF}: 24.3/17$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.007 ± 0.034 $\chi^2/\text{NDF}: 14.2/16$

Left: 0.005 ± 0.024 $\chi^2/\text{NDF}: 38.6/34$

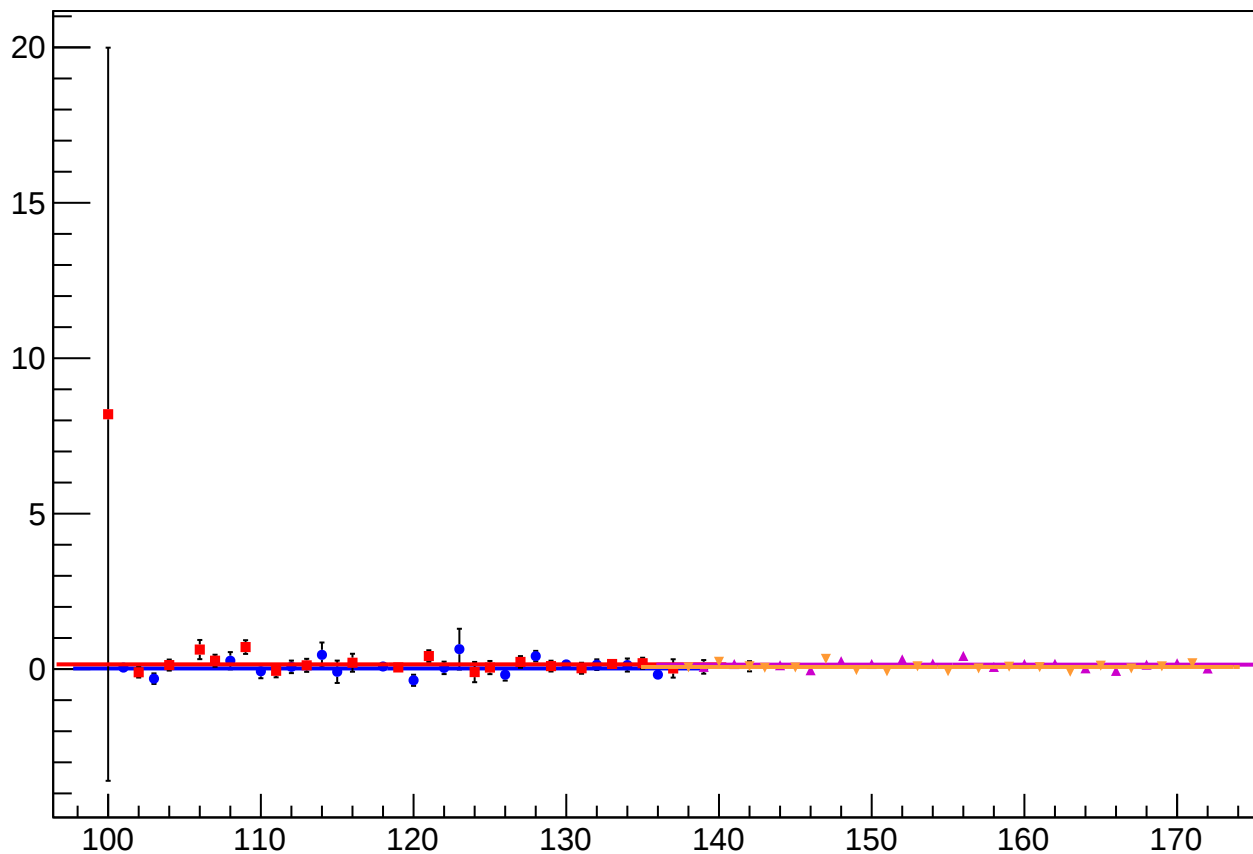
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.033 ± 0.030 $\chi^2/\text{NDF}: 42.8/33$

Out: -0.018 ± 0.031 $\chi^2/\text{NDF}: 44.3/36$

All: -0.025 ± 0.022 $\chi^2/\text{NDF}: 87.2/70$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.068+/-0.029 χ^2/NDF : 16.0/17

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.142+/-0.029 χ^2/NDF : 16.0/16

Left: 0.104+/-0.020 χ^2/NDF : 35.4/34

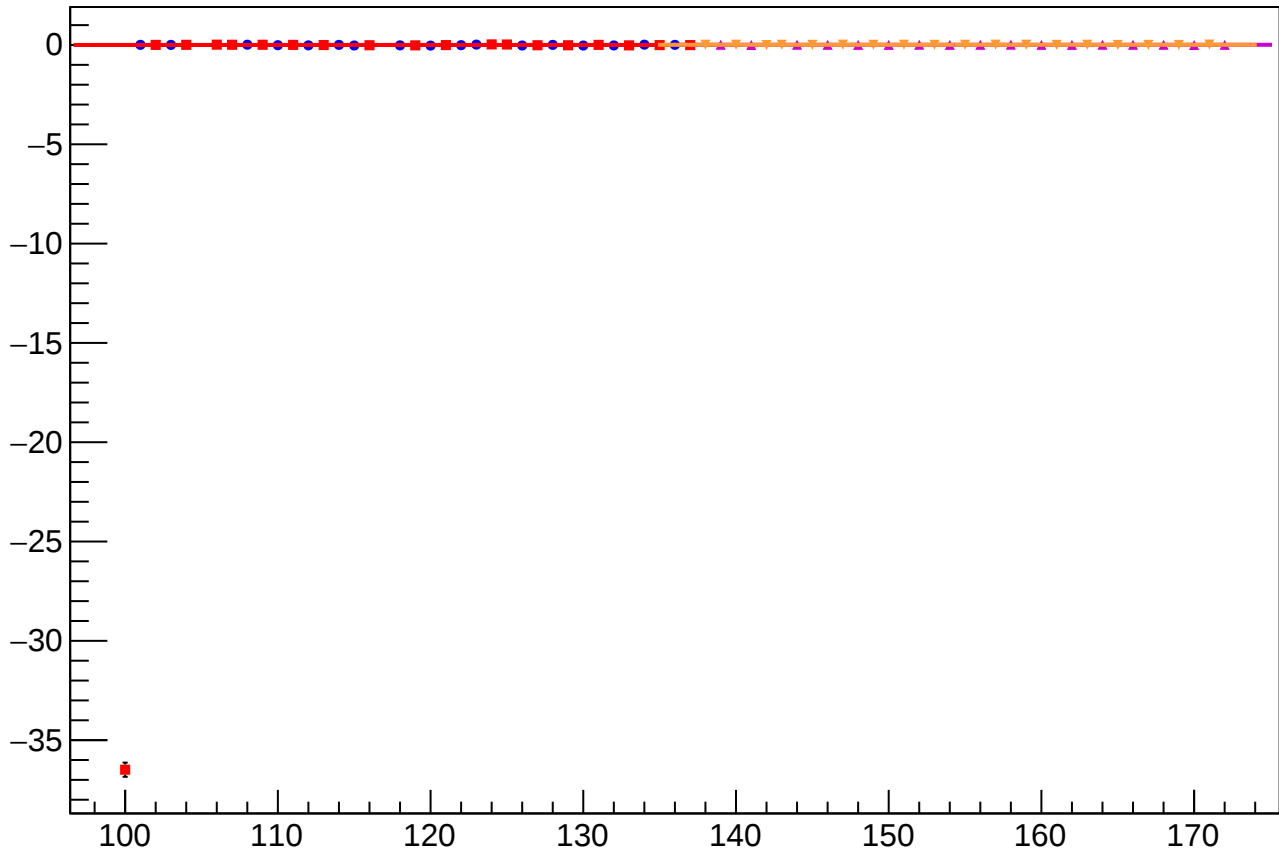
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.103+/-0.024 χ^2/NDF : 43.5/33

Out: 0.092+/-0.024 χ^2/NDF : 35.7/36

All: 0.097+/-0.017 χ^2/NDF : 79.3/70

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:16.9/17

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:9.8/16

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 26.8/34

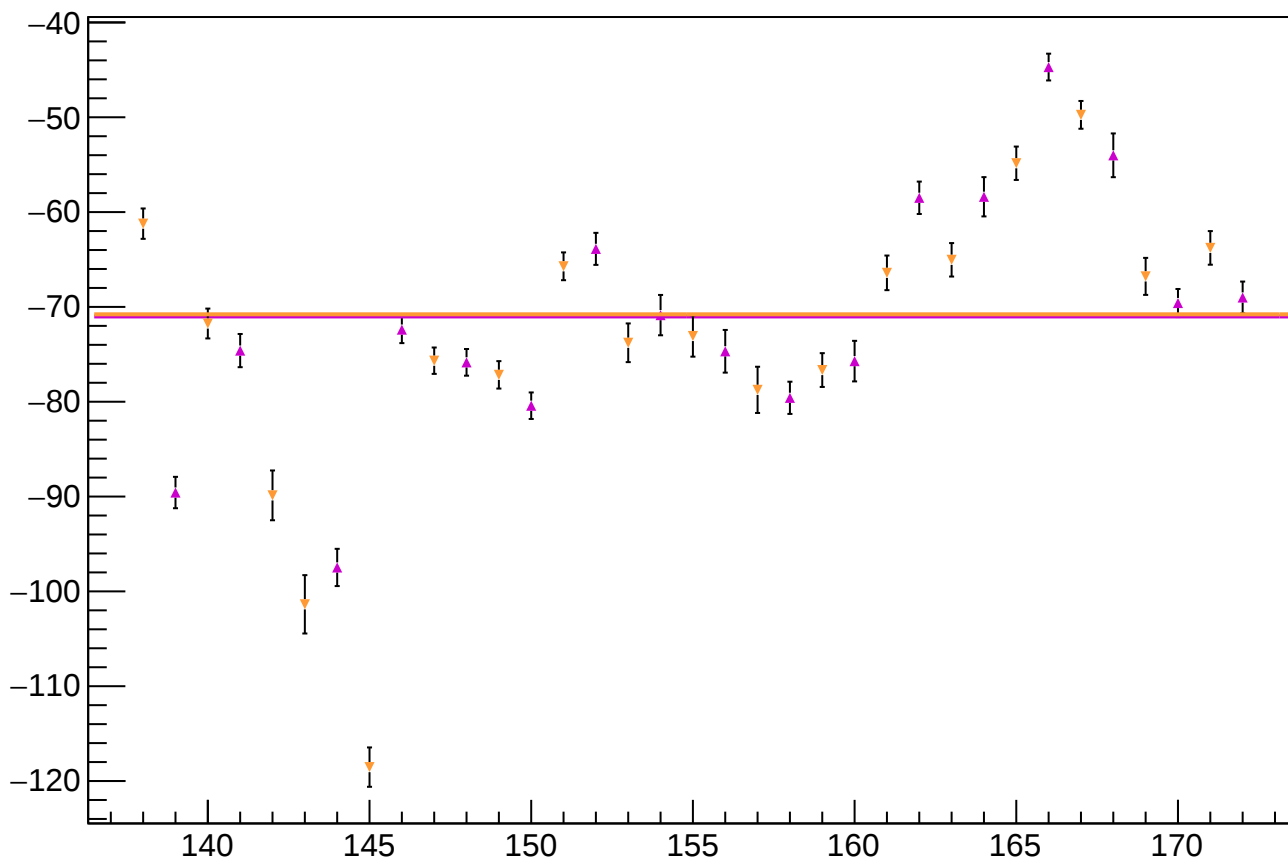
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:55.4/33

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:10478.4/36

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10533.9/70

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.006+/-0.413 χ^2/NDF :914.9/16

Left: -70.895+/-0.294 χ^2/NDF : 2024.7/34

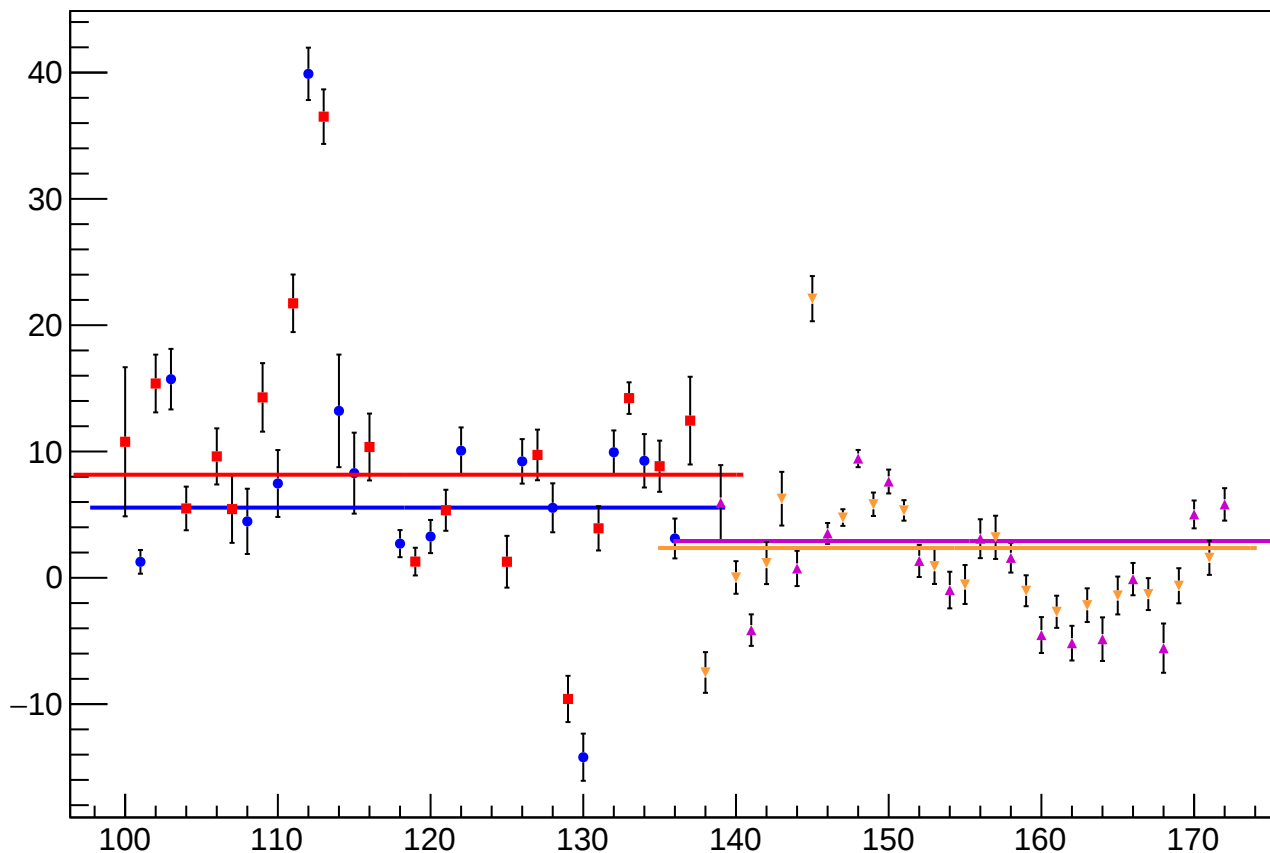
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.006+/-0.413 χ^2/NDF :914.9/16

Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

All: -70.895+/-0.294 χ^2/NDF : 2024.7/34

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.359 ± 0.287 $\chi^2/\text{NDF}: 266.5/17$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.914 ± 0.290 $\chi^2/\text{NDF}: 278.1/16$

Left: 2.634 ± 0.204 $\chi^2/\text{NDF}: 546.5/34$

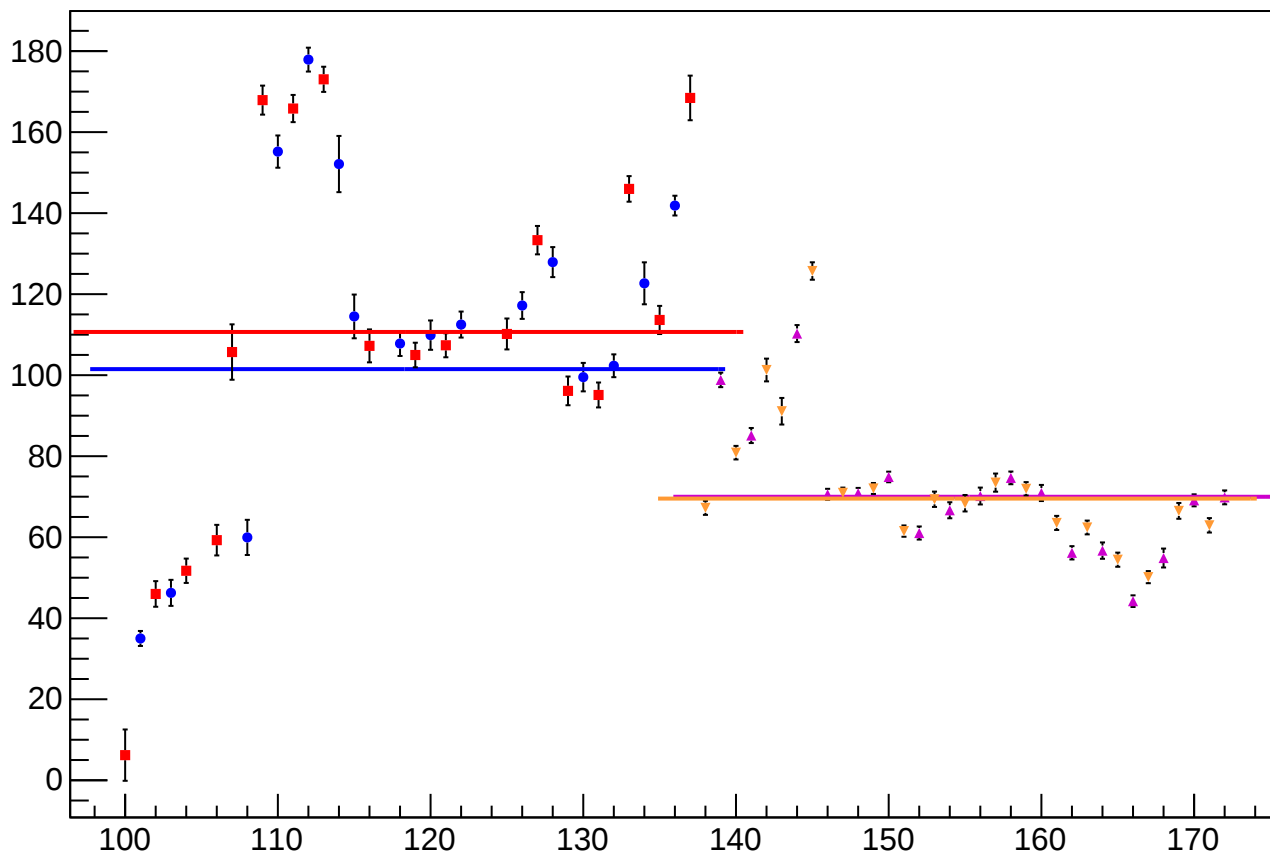
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.755 ± 0.239 $\chi^2/\text{NDF}: 766.6/32$

Out: 4.023 ± 0.243 $\chi^2/\text{NDF}: 790.5/35$

All: 3.887 ± 0.170 $\chi^2/\text{NDF}: 1557.7/68$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 69.535 $\pm$ 0.412 χ^2 /NDF:1228.3/17

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 69.985 $\pm$ 0.404 χ^2 /NDF:1227.6/16

Left: 69.765 $\pm$ 0.289 χ^2 /NDF: 2456.5/34

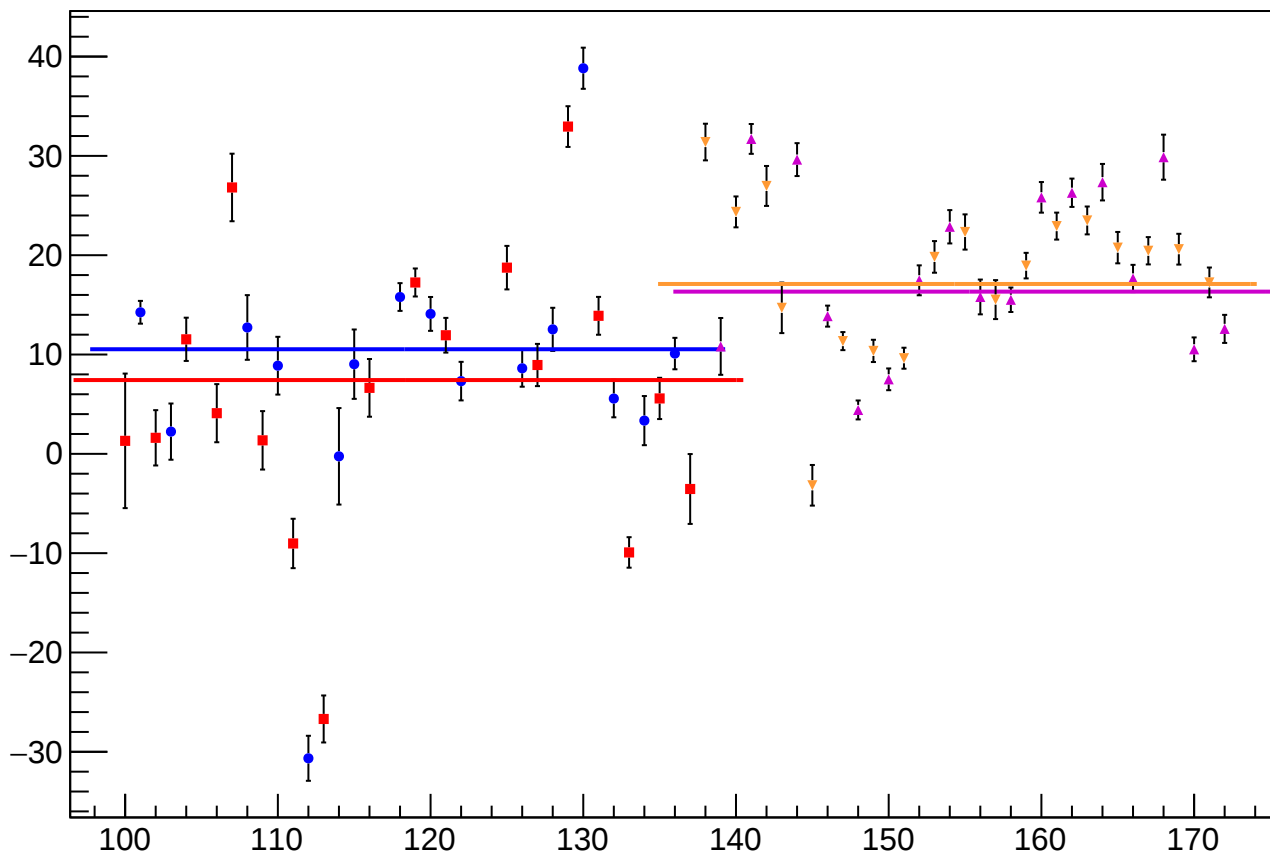
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 76.281 $\pm$ 0.361 χ^2 /NDF:5416.8/32

Out: 77.585 $\pm$ 0.370 χ^2 /NDF:5690.1/35

All: 76.917 $\pm$ 0.258 χ^2 /NDF: 11113.3/68

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 17.104 $\pm$ 0.340 χ^2 /NDF: 401.1/17

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.332 $\pm$ 0.340 χ^2 /NDF: 605.4/16

Left: 16.718 $\pm$ 0.240 χ^2 /NDF: 1009.1/34

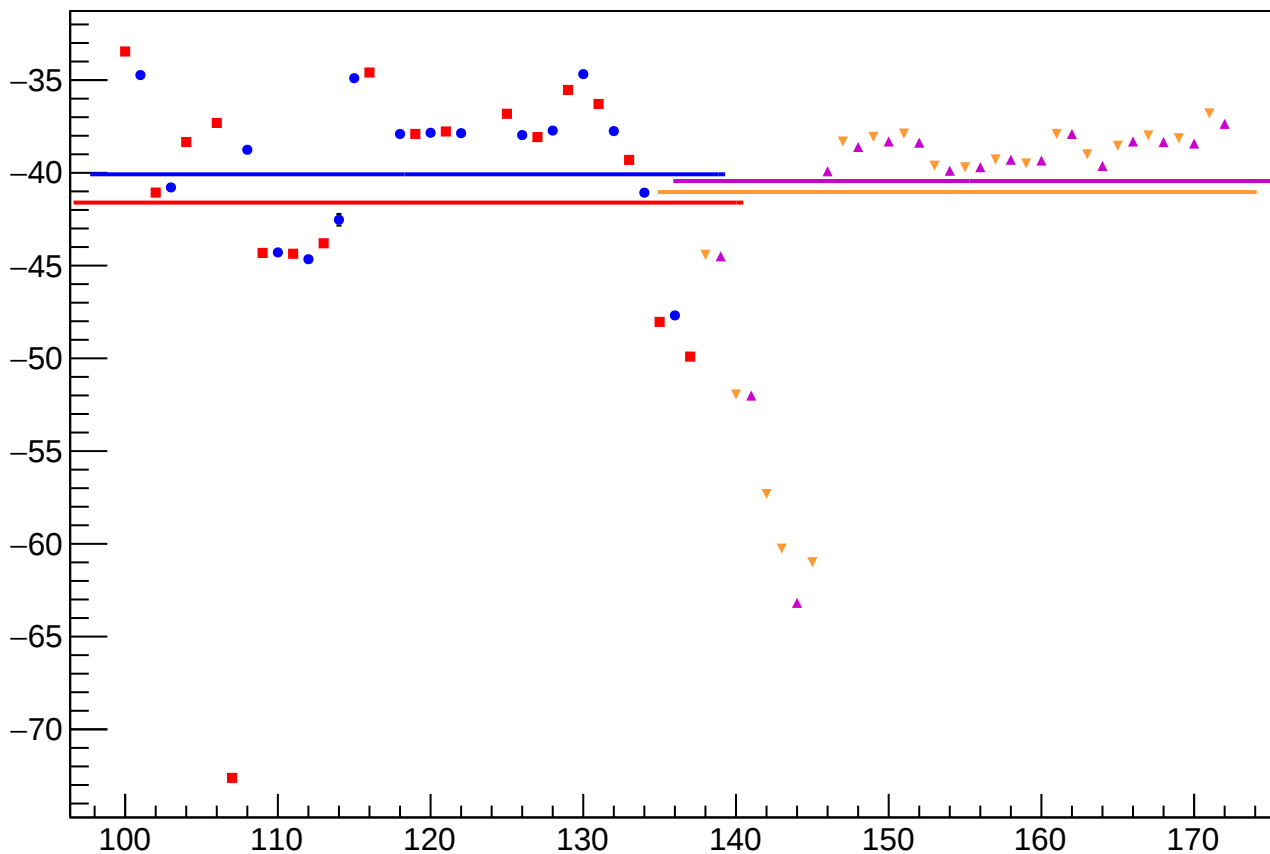
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.465 $\pm$ 0.280 χ^2 /NDF: 1279.6/32

Out: 14.238 $\pm$ 0.285 χ^2 /NDF: 1327.3/35

All: 14.353 $\pm$ 0.200 χ^2 /NDF: 2607.2/68

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -41.035 ± 0.016 χ^2/NDF : 143527.1/17

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.441 ± 0.016 χ^2/NDF : 100364.1/16

Left: -40.730 ± 0.011 χ^2/NDF : 244569.7/34

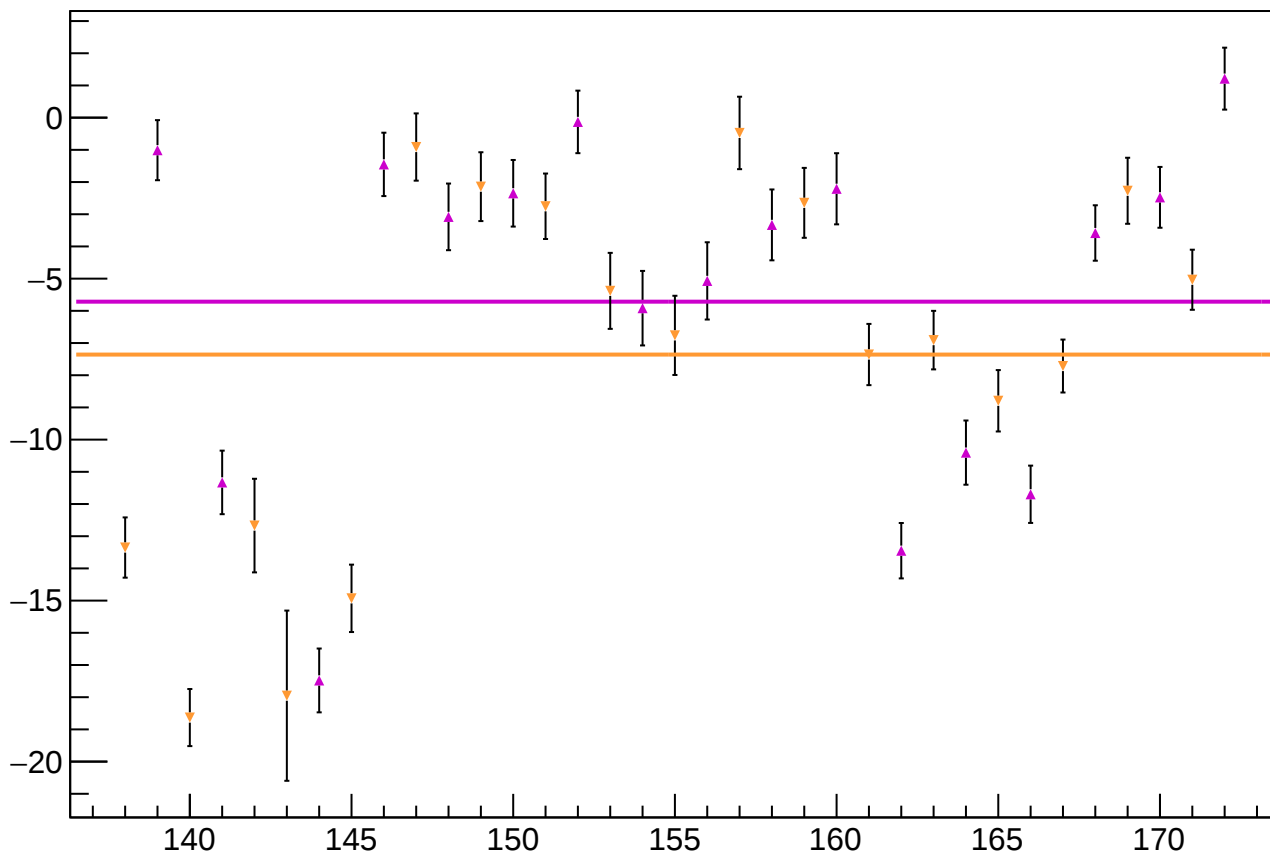
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.353 ± 0.014 χ^2/NDF : 125636.0/32

Out: -41.175 ± 0.014 χ^2/NDF : 205680.3/35

All: -40.754 ± 0.010 χ^2/NDF : 333032.3/68

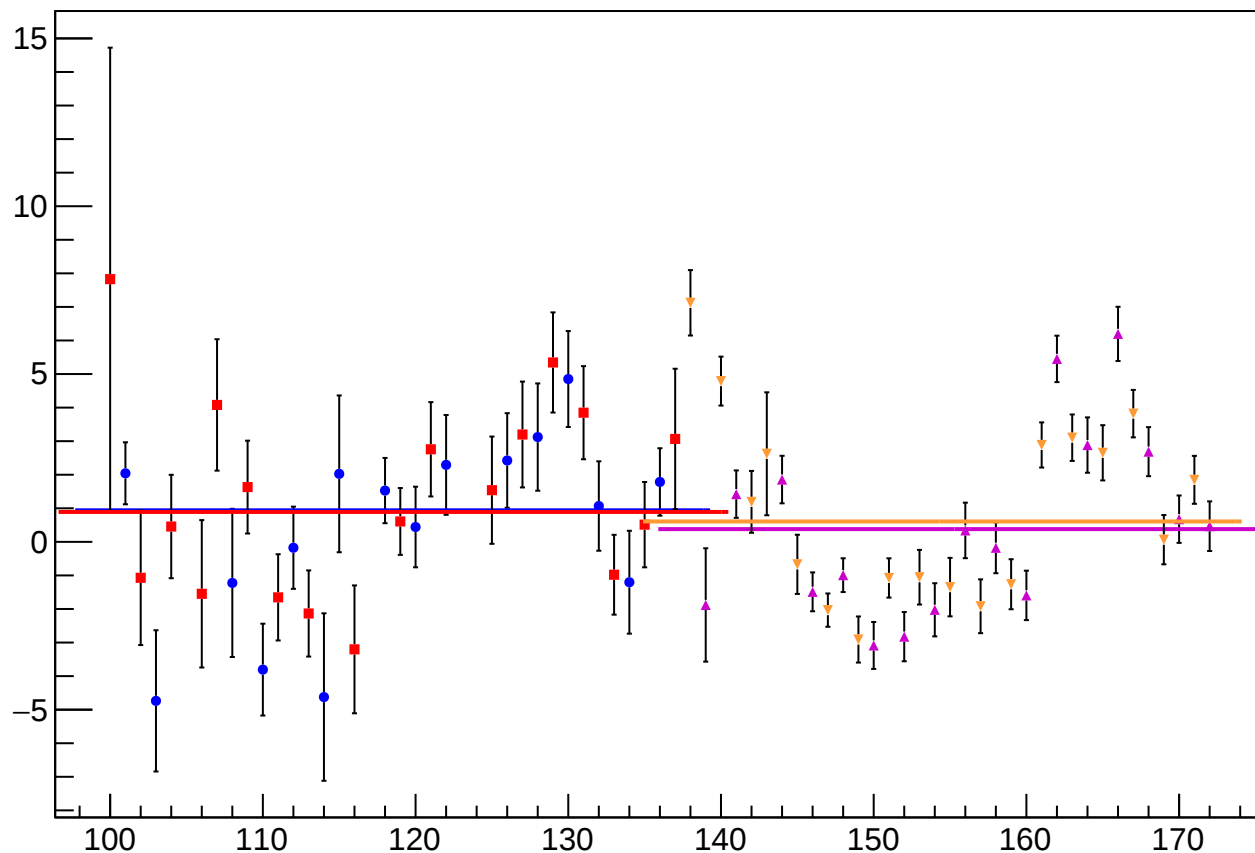
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.715 $\pm$ 0.240 χ^2 /NDF:500.6/16

Left: -6.520 $\pm$ 0.171 χ^2 /NDF: 983.3/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.715 $\pm$ 0.240 χ^2 /NDF:500.6/16
 Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 All: -6.520 $\pm$ 0.171 χ^2 /NDF: 983.3/34

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 0.608 $\pm$ 0.175 χ^2/NDF :224.5/17

Right Out: 0.891 $\pm$ 0.354 χ^2/NDF : 41.6/17

Left In: 0.380 $\pm$ 0.175 χ^2/NDF :211.8/16

Left: 0.494 $\pm$ 0.124 χ^2/NDF : 437.2/34

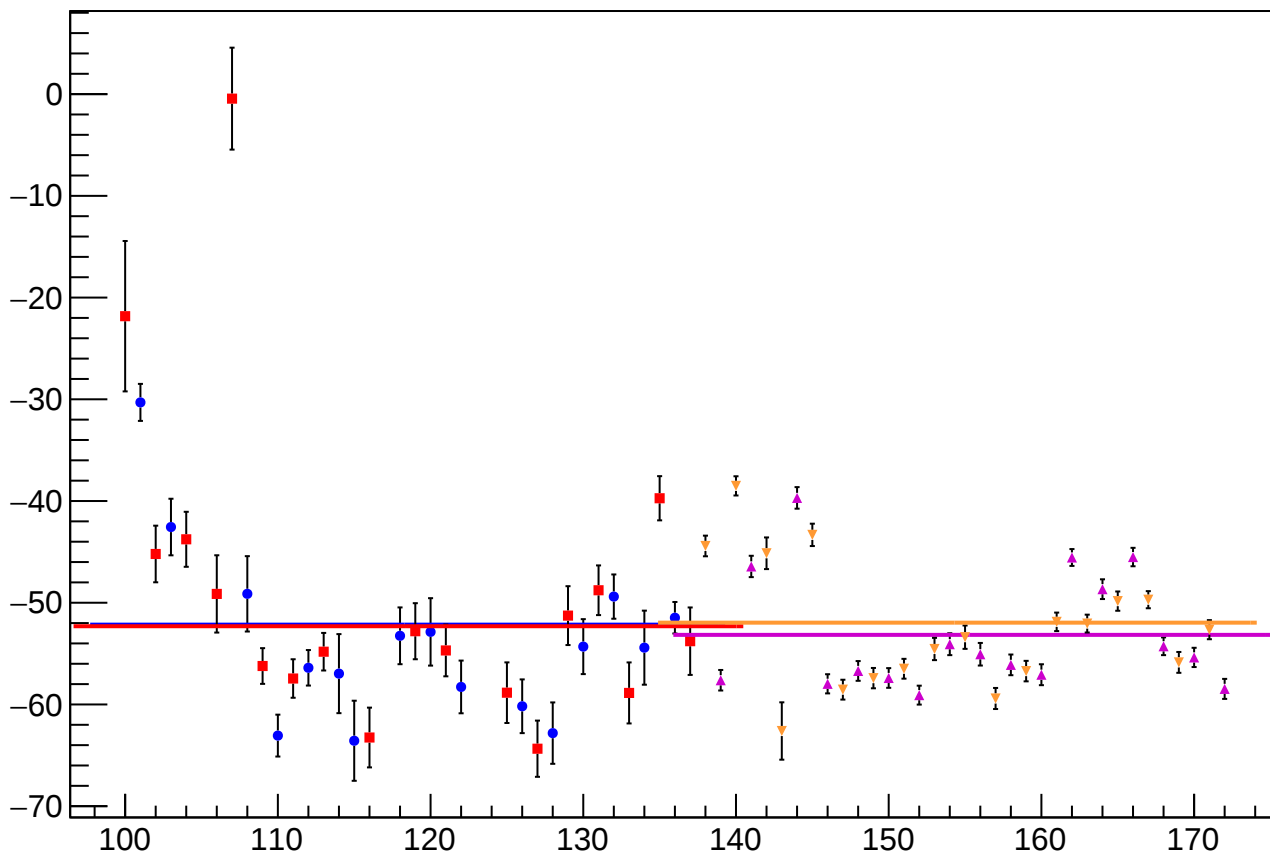
Right: 0.916 $\pm$ 0.245 χ^2/NDF : 83.8/33

In: 0.498 $\pm$ 0.156 χ^2/NDF :256.2/32

Out: 0.664 $\pm$ 0.157 χ^2/NDF :266.6/35

All: 0.580 $\pm$ 0.110 χ^2/NDF : 523.4/68

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: -51.958 ± 0.241 χ^2/NDF : 558.7/17

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -53.159 ± 0.236 χ^2/NDF : 561.2/16

Left: -52.572 ± 0.169 χ^2/NDF : 1132.5/34

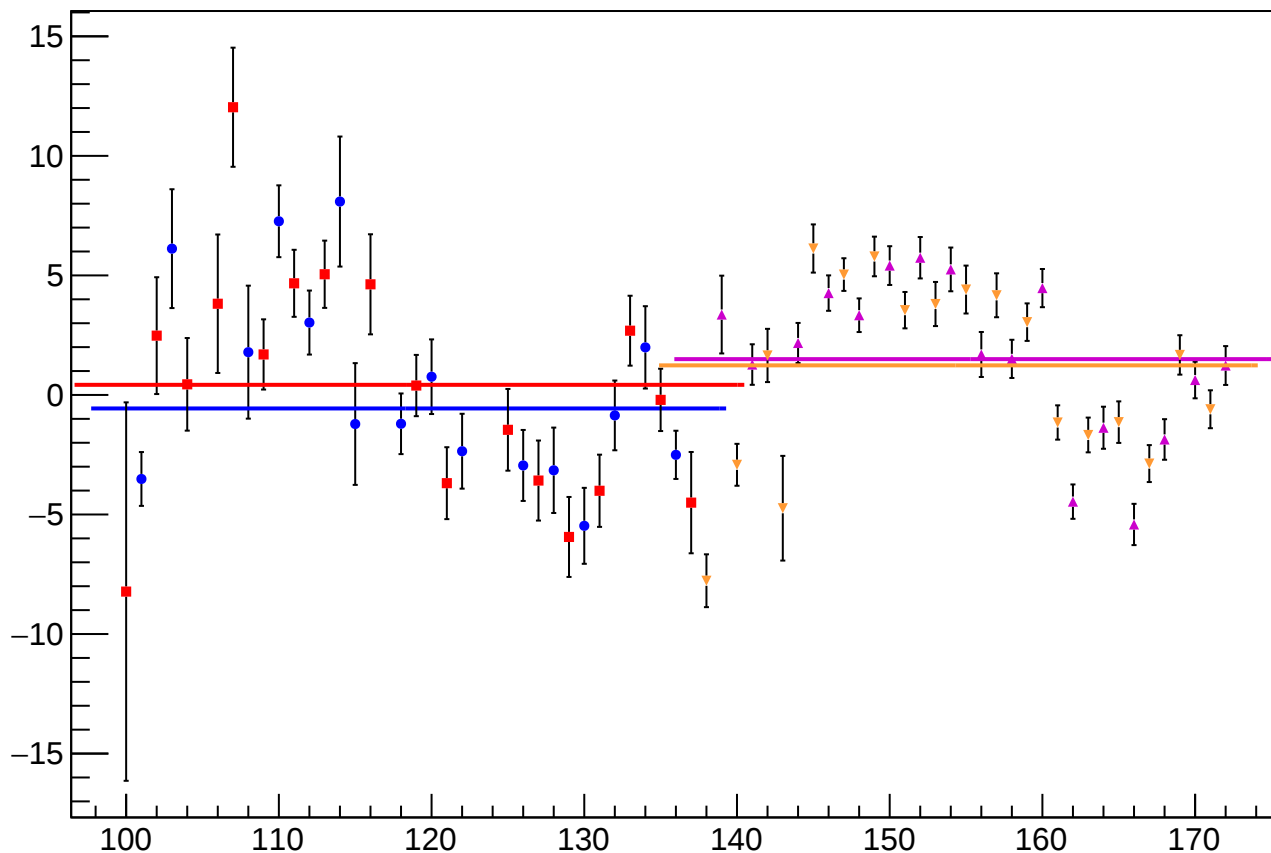
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.029 ± 0.220 χ^2/NDF : 794.6/32

Out: -52.005 ± 0.225 χ^2/NDF : 793.8/35

All: -52.527 ± 0.157 χ^2/NDF : 1599.0/68

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.238 ± 0.203 χ^2/NDF : 292.2/17

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.498 ± 0.202 χ^2/NDF : 261.4/16

Left: 1.368 ± 0.143 χ^2/NDF : 554.4/34

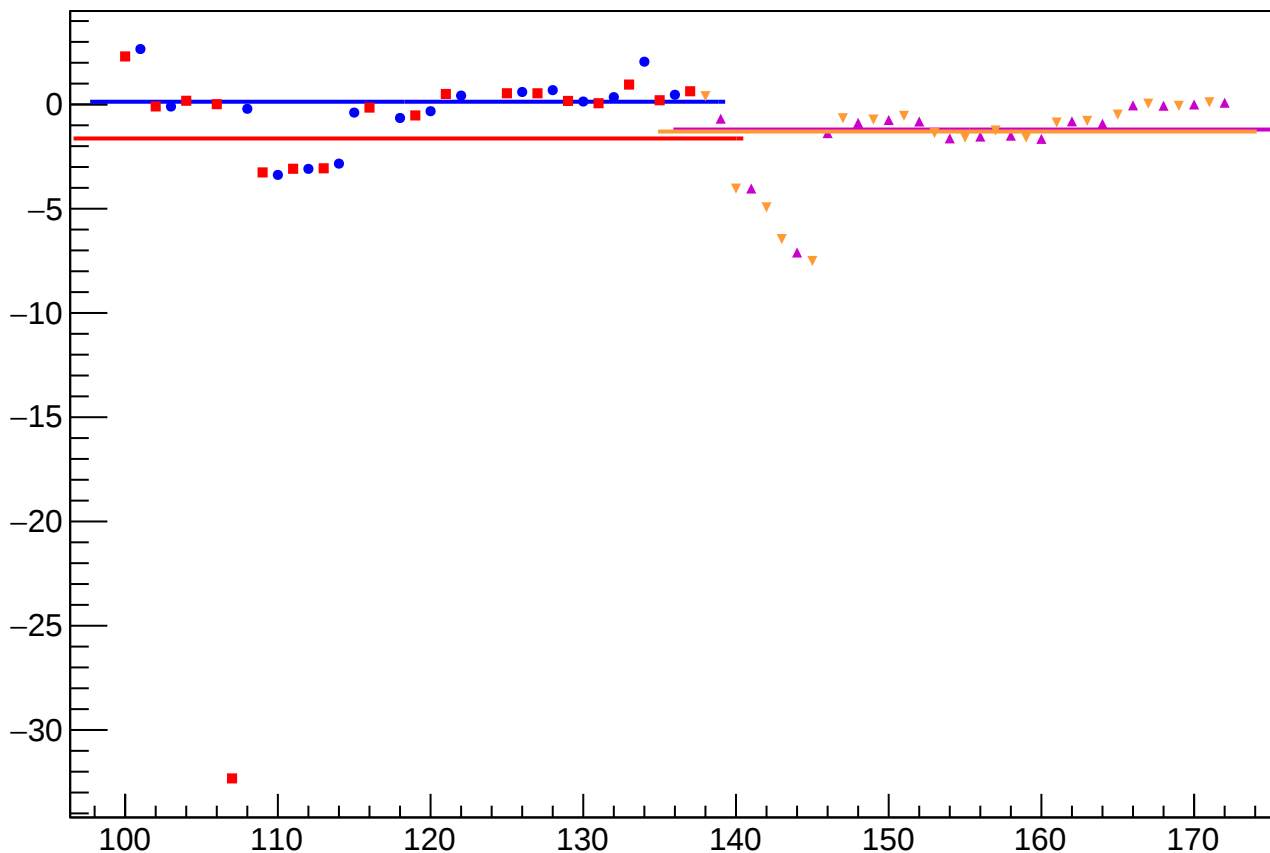
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.052 ± 0.179 χ^2/NDF : 365.8/32

Out: 1.071 ± 0.181 χ^2/NDF : 390.8/35

All: 1.061 ± 0.127 χ^2/NDF : 756.6/68

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.298 ± 0.009 $\chi^2/\text{NDF}: 38398.7/17$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -1.203 ± 0.009 $\chi^2/\text{NDF}: 26408.8/16$

Left: -1.249 ± 0.007 $\chi^2/\text{NDF}: 64860.5/34$

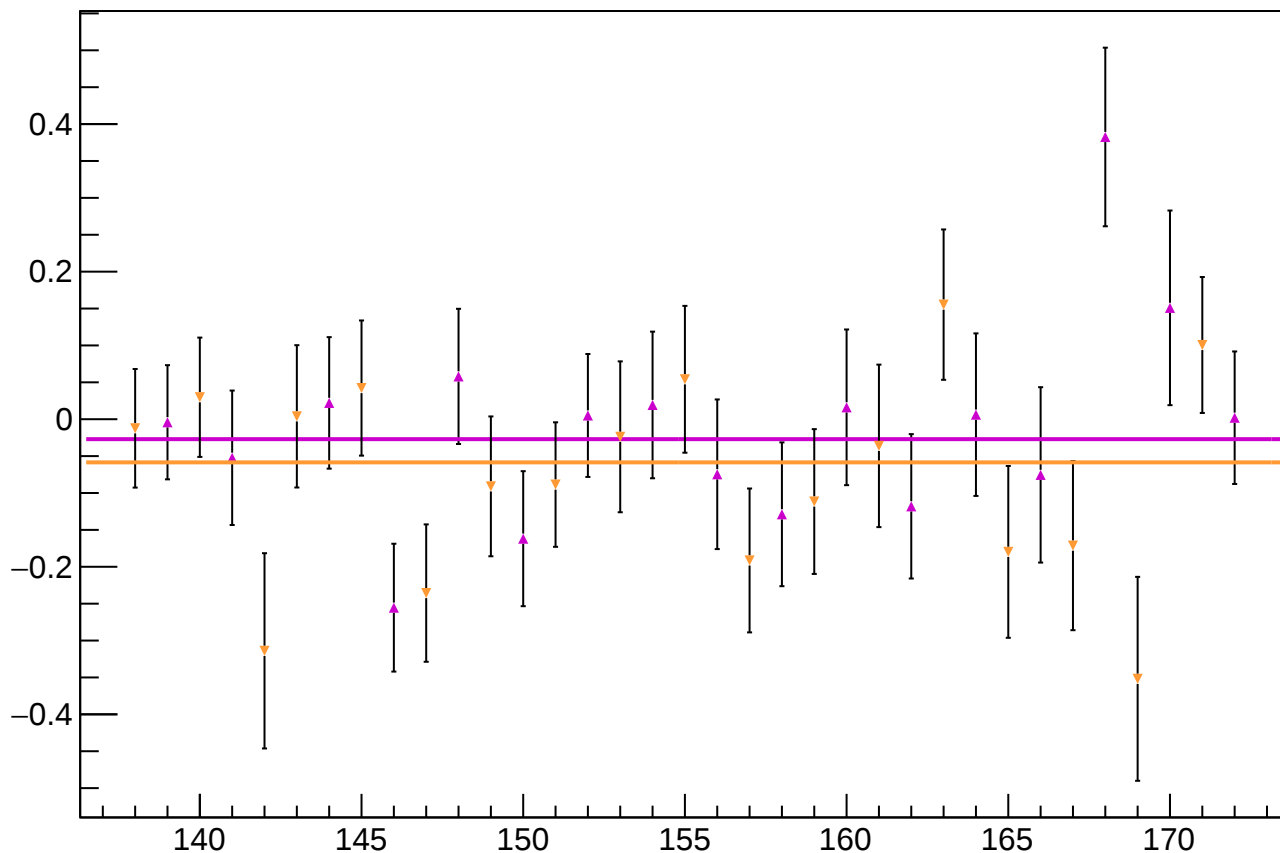
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -0.997 ± 0.008 $\chi^2/\text{NDF}: 34889.2/32$

Out: -1.350 ± 0.009 $\chi^2/\text{NDF}: 116470.7/35$

All: -1.170 ± 0.006 $\chi^2/\text{NDF}: 152215.4/68$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.059+/-0.023 χ^2/NDF : 28.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.027+/-0.023 χ^2/NDF : 26.8/16

Left: -0.043+/-0.016 χ^2/NDF : 56.0/34

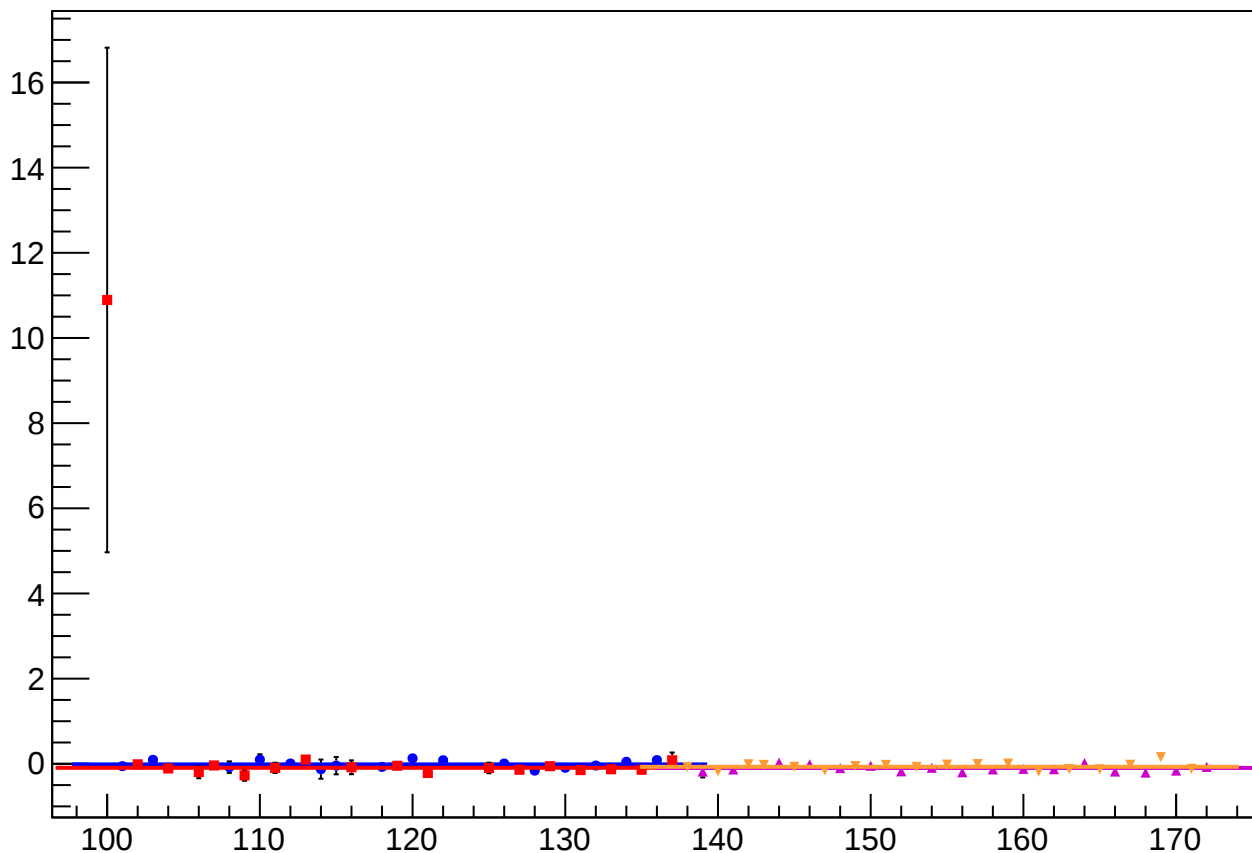
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.027+/-0.023 χ^2/NDF : 26.8/16

Out: -0.059+/-0.023 χ^2/NDF : 28.3/17

All: -0.043+/-0.016 χ^2/NDF : 56.0/34

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: -0.071+/-0.016 χ^2/NDF : 19.3/17

Right Out: -0.093+/-0.025 χ^2/NDF : 13.5/17

Left In: -0.097+/-0.017 χ^2/NDF : 16.1/16

Left: -0.083+/-0.012 χ^2/NDF : 36.7/34

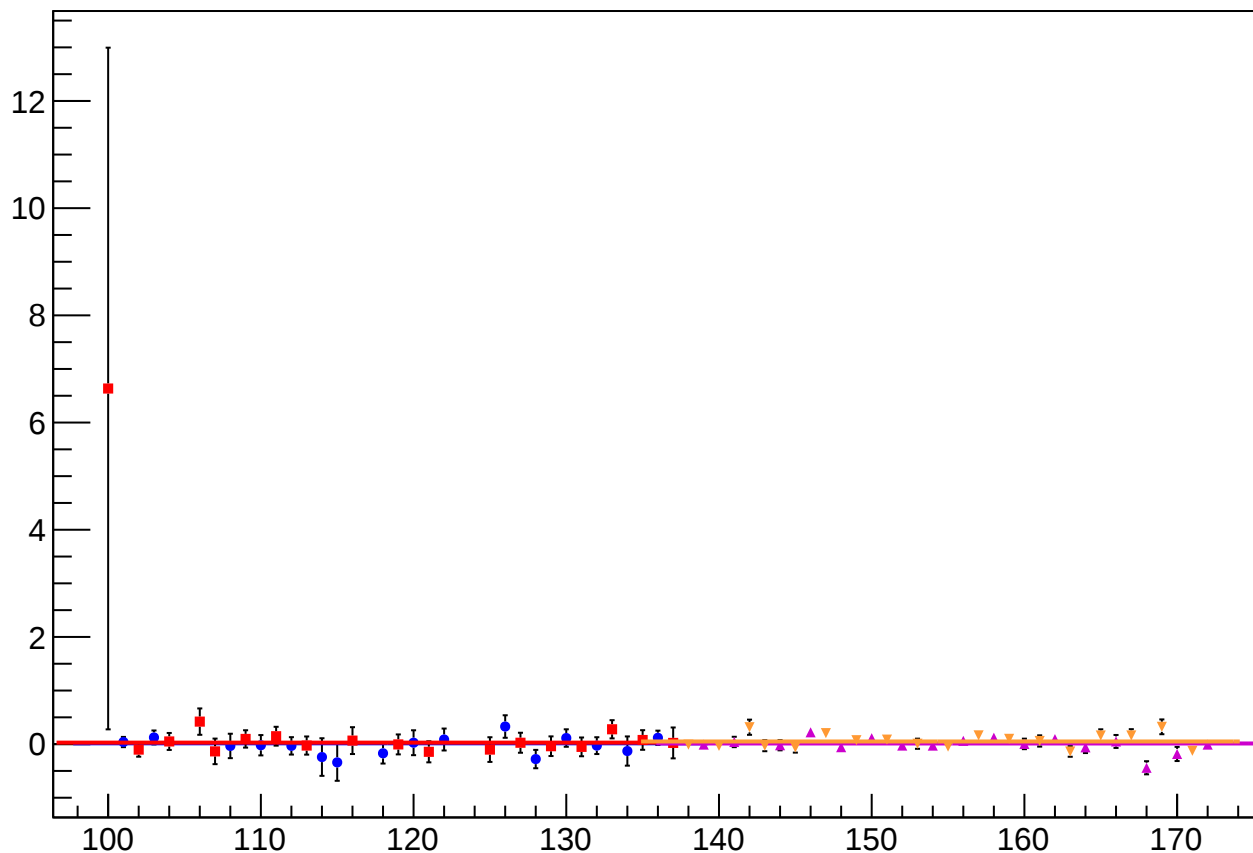
Right: -0.051+/-0.017 χ^2/NDF : 31.5/33

In: -0.069+/-0.014 χ^2/NDF : 37.0/32

Out: -0.078+/-0.014 χ^2/NDF : 33.4/35

All: -0.073+/-0.010 χ^2/NDF : 70.6/68

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.050 $\pm$ 0.023 χ^2 /NDF:26.4/17

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.012 $\pm$ 0.023 χ^2 /NDF:27.9/16

Left: 0.031 $\pm$ 0.016 χ^2 /NDF: 55.6/34

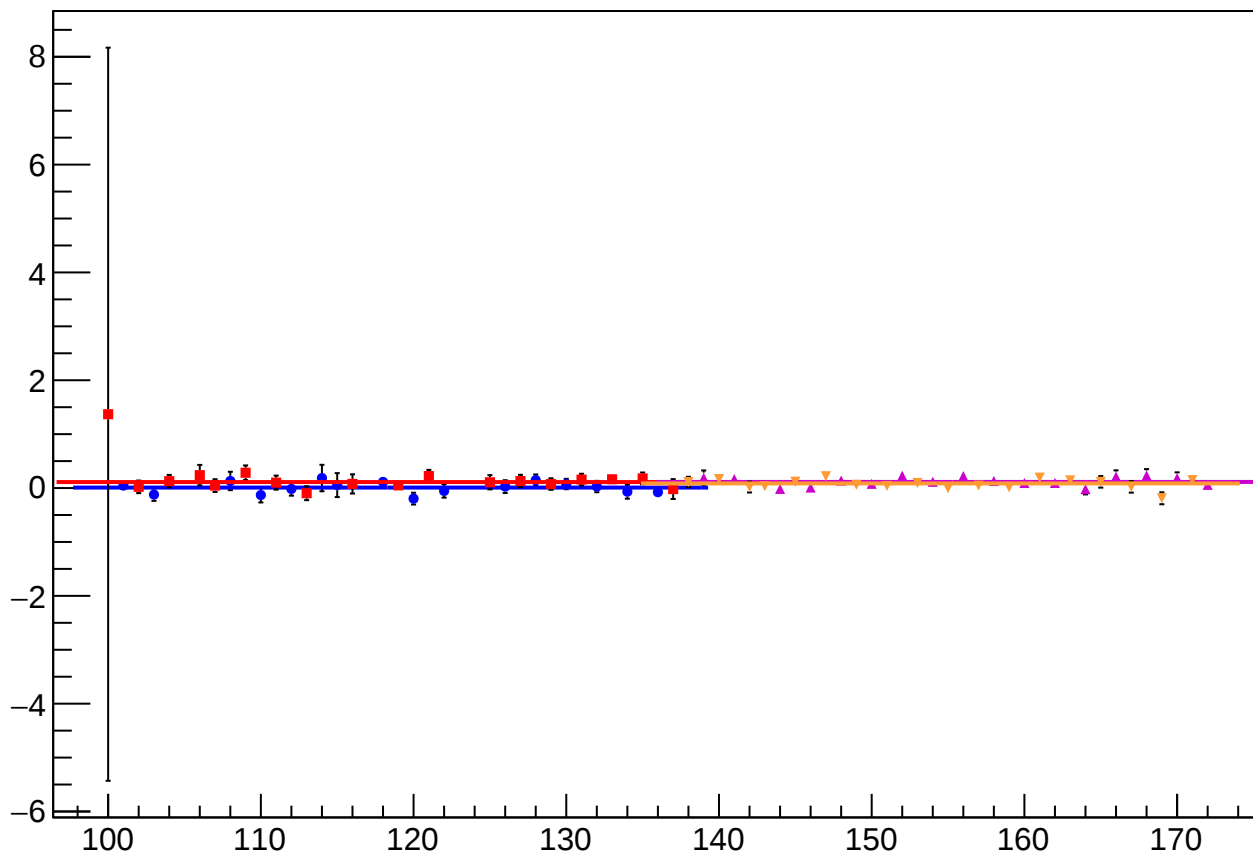
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.013 $\pm$ 0.020 χ^2 /NDF:38.0/32

Out: 0.045 $\pm$ 0.020 χ^2 /NDF:36.1/35

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 75.3/68

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2 /NDF: 12.6/15

Left Out: 0.086+/-0.019 χ^2 /NDF:19.3/17

Right Out: 0.111+/-0.029 χ^2 /NDF: 8.6/17

Left In: 0.113+/-0.020 χ^2 /NDF:15.7/16

Left: 0.099+/-0.014 χ^2 /NDF: 36.0/34

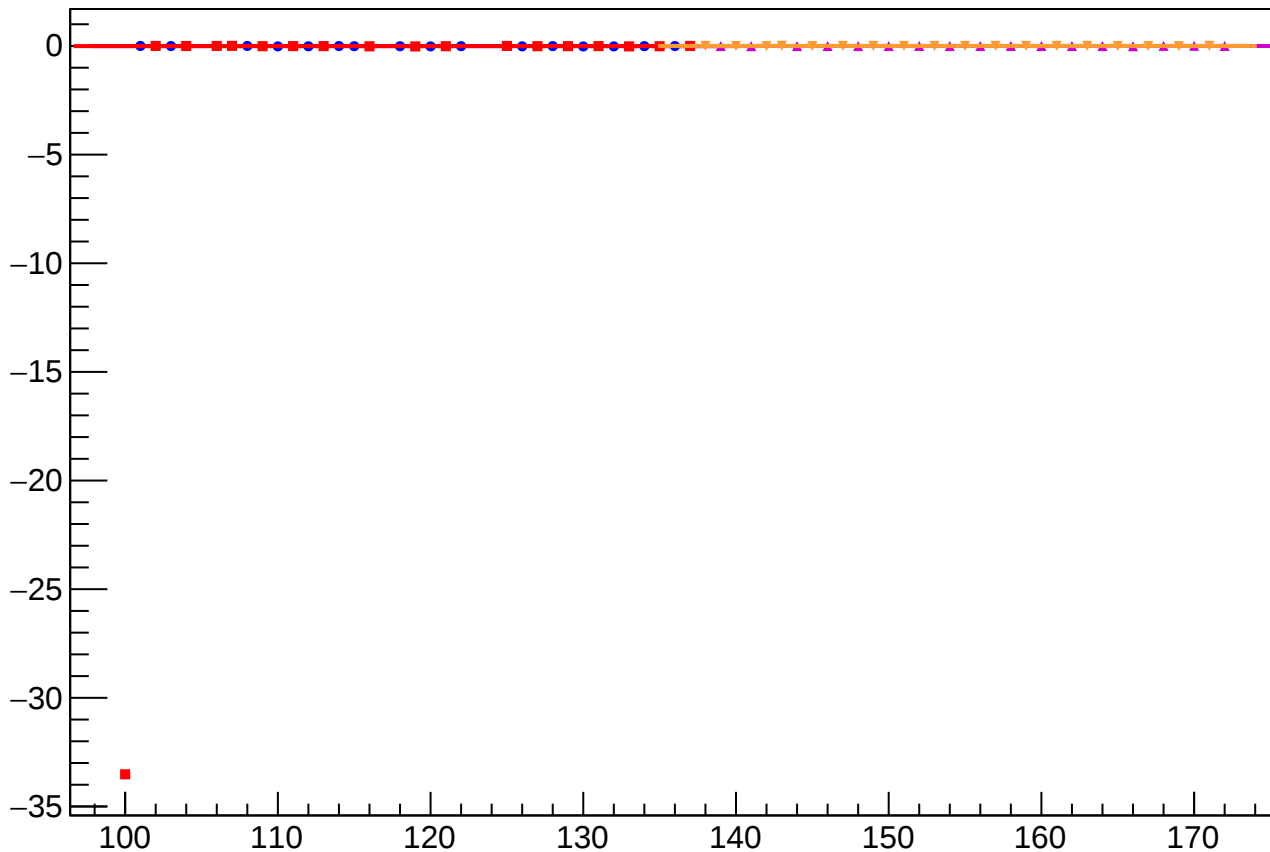
Right: 0.057+/-0.020 χ^2 /NDF: 28.0/33

In: 0.077+/-0.016 χ^2 /NDF:38.1/32

Out: 0.094+/-0.016 χ^2 /NDF:28.5/35

All: 0.085+/-0.011 χ^2 /NDF: 67.2/68

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:19.4/17

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.001 $\pm$ 0.001 χ^2 /NDF:15.0/16

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 34.9/34

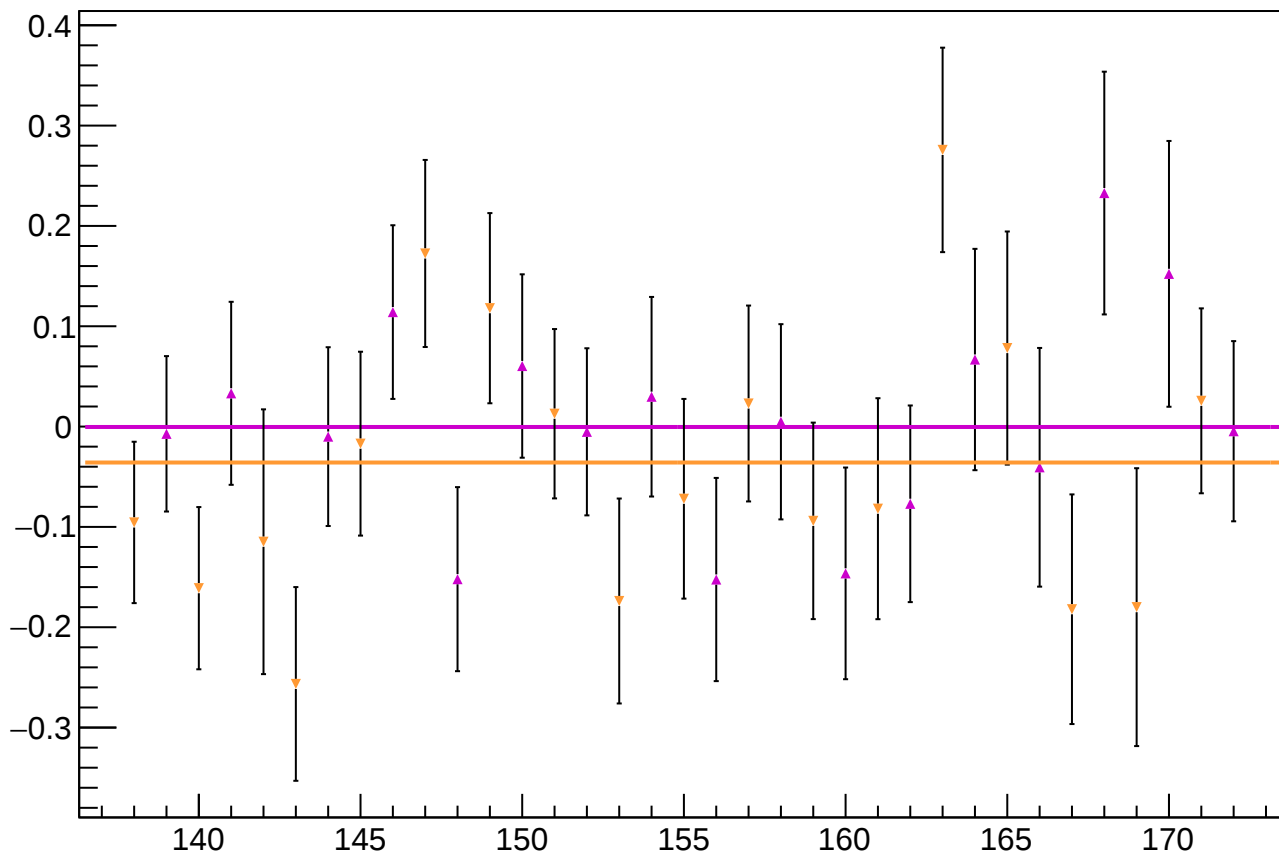
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:49.9/32

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26546.7/35

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26596.9/68

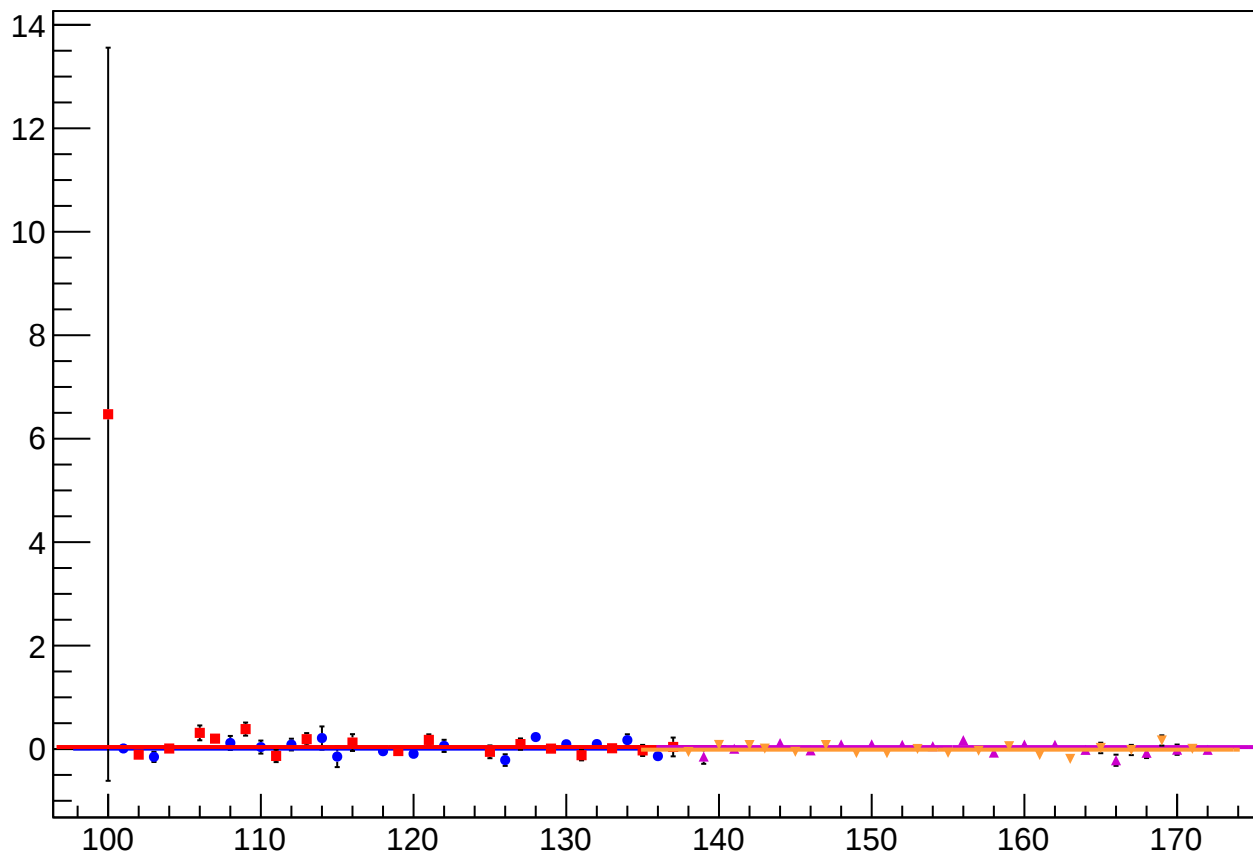
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16

Left: -0.018 $\pm$ 0.016 χ^2 /NDF: 49.5/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16
 Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17
 All: -0.018 $\pm$ 0.016 χ^2 /NDF: 49.5/34

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.012+/-0.016 χ^2/NDF : 23.1/17

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.038+/-0.017 χ^2/NDF : 22.5/16

Left: 0.013+/-0.012 χ^2/NDF : 50.1/34

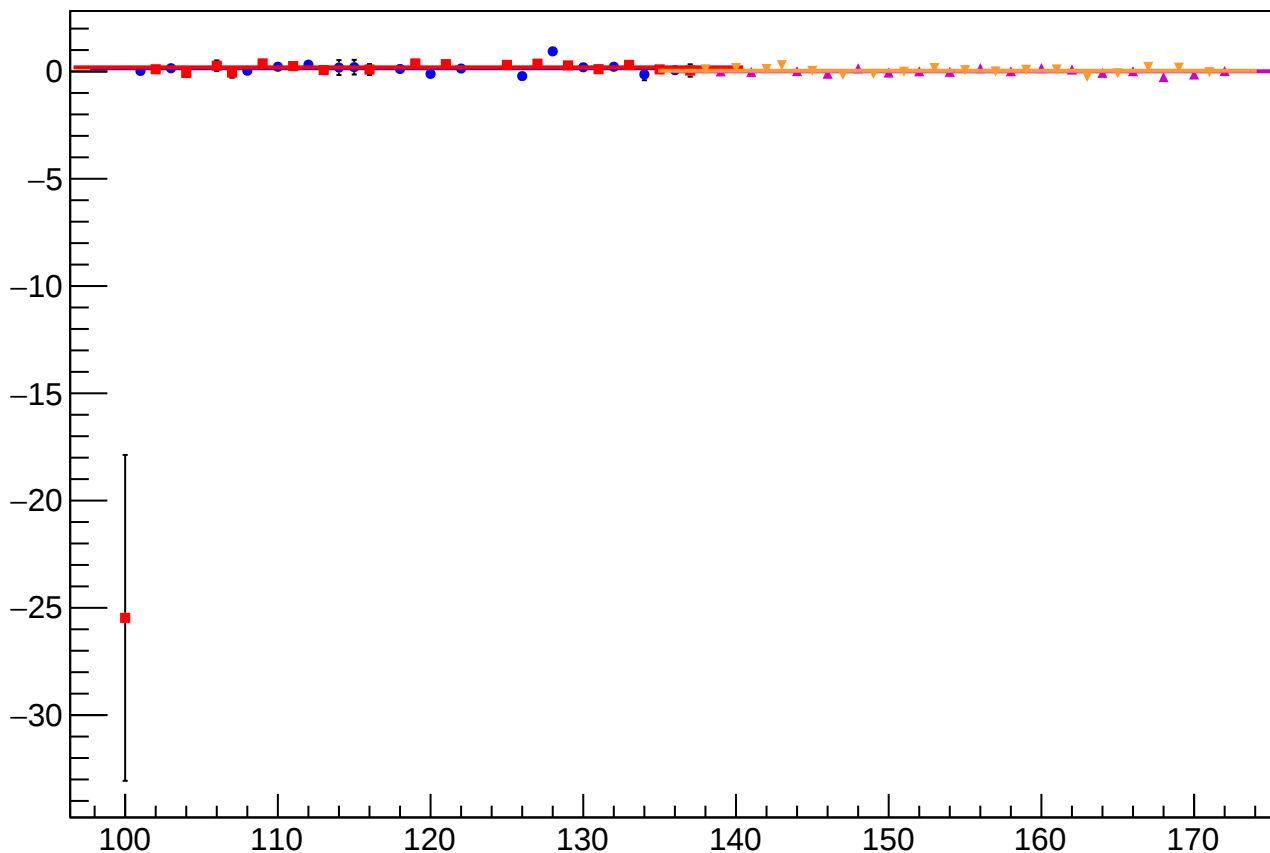
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.028+/-0.014 χ^2/NDF : 47.3/32

Out: 0.004+/-0.014 χ^2/NDF : 54.5/35

All: 0.016+/-0.010 χ^2/NDF : 103.3/68

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.035+/-0.023 χ^2/NDF :33.3/17

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.010+/-0.023 χ^2/NDF :17.2/16

Left: 0.023+/-0.016 χ^2/NDF : 51.2/34

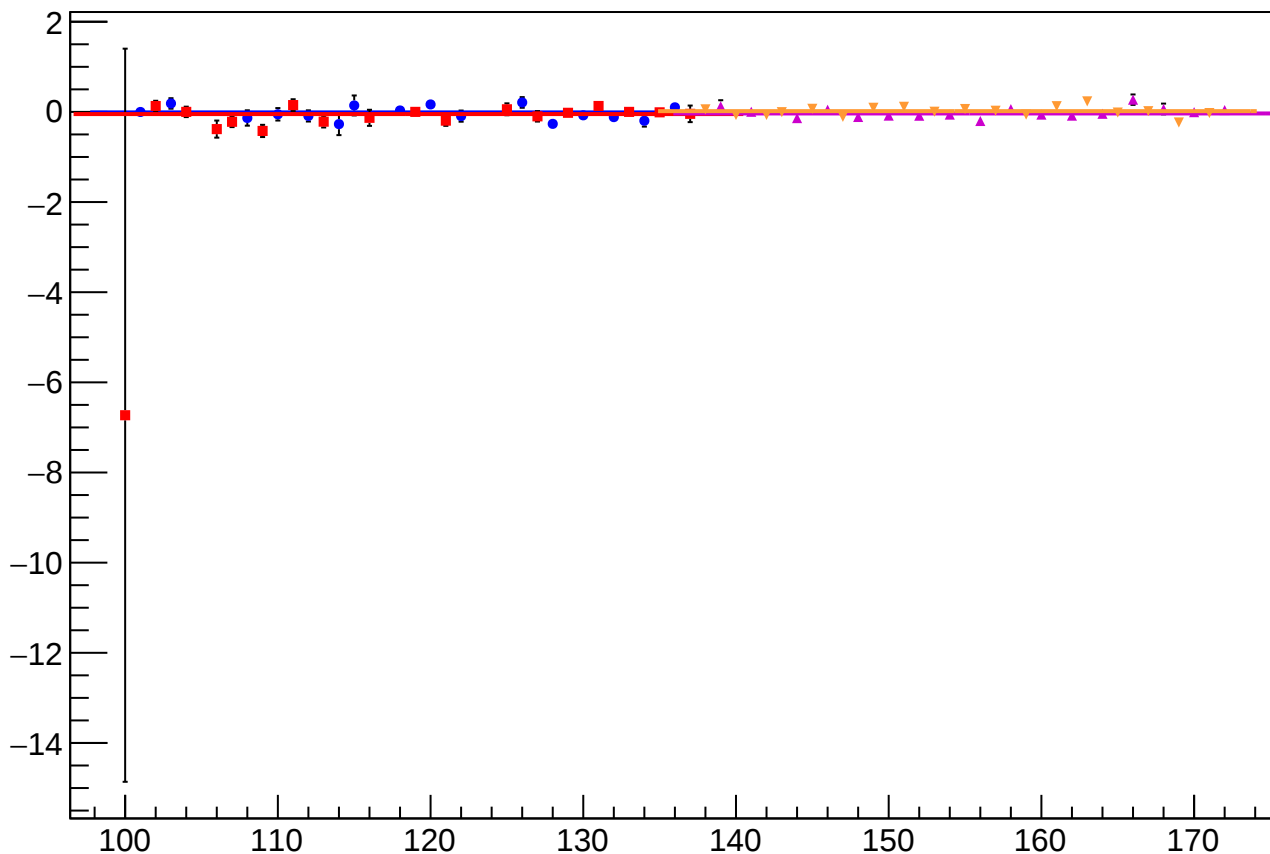
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.042+/-0.020 χ^2/NDF :56.5/32

Out: 0.068+/-0.020 χ^2/NDF :65.1/35

All: 0.055+/-0.014 χ^2/NDF : 122.4/68

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.027 χ^2 /NDF: 23.4/15

Left Out: 0.017 $\pm$ 0.019 χ^2 /NDF:26.0/17

Right Out: -0.048 $\pm$ 0.029 χ^2 /NDF: 26.2/17

Left In: -0.035 $\pm$ 0.020 χ^2 /NDF:23.2/16

Left: -0.008 $\pm$ 0.014 χ^2 /NDF: 52.7/34

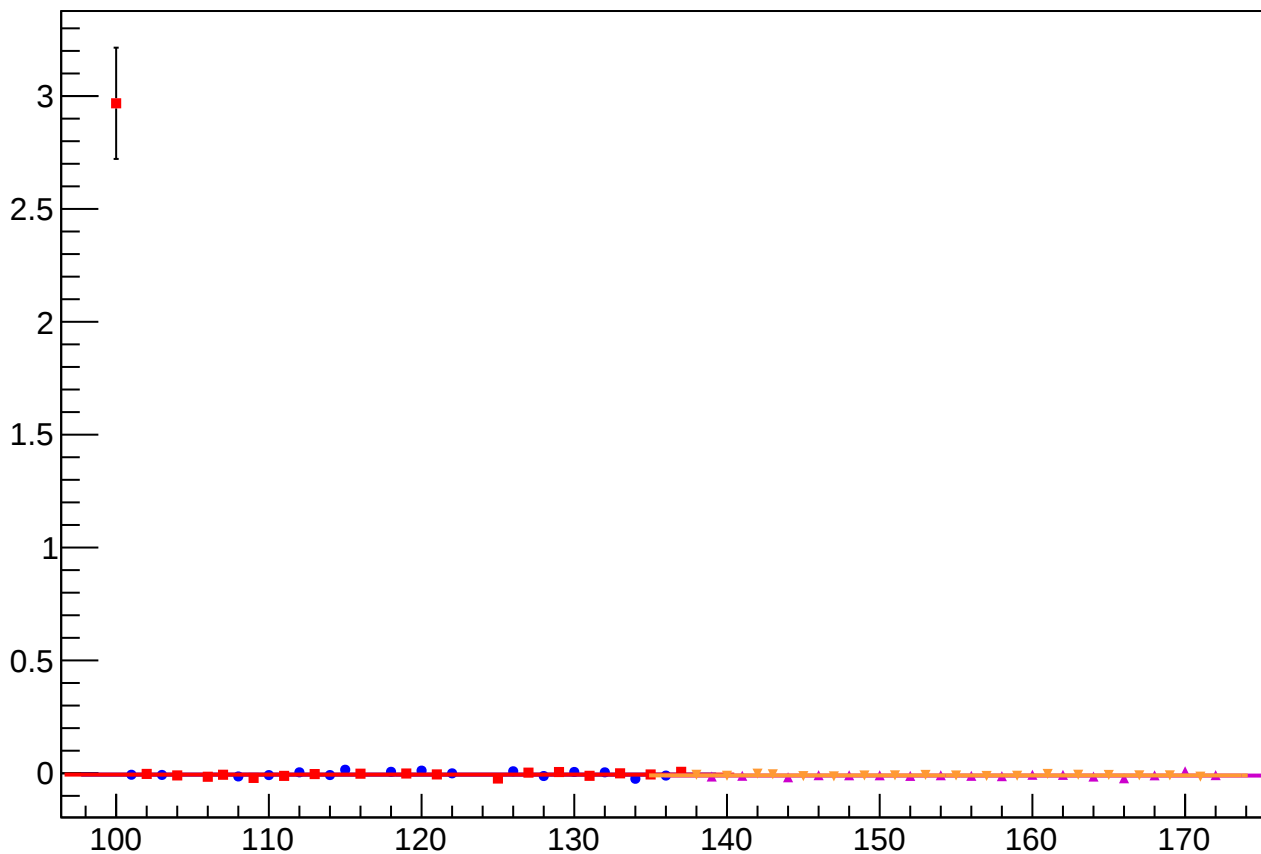
Right: -0.029 $\pm$ 0.020 χ^2 /NDF: 50.6/33

In: -0.026 $\pm$ 0.016 χ^2 /NDF:47.1/32

Out: -0.003 $\pm$ 0.016 χ^2 /NDF:55.8/35

All: -0.015 $\pm$ 0.011 χ^2 /NDF: 104.0/68

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:13.6/17

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:30.1/16

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 44.1/34

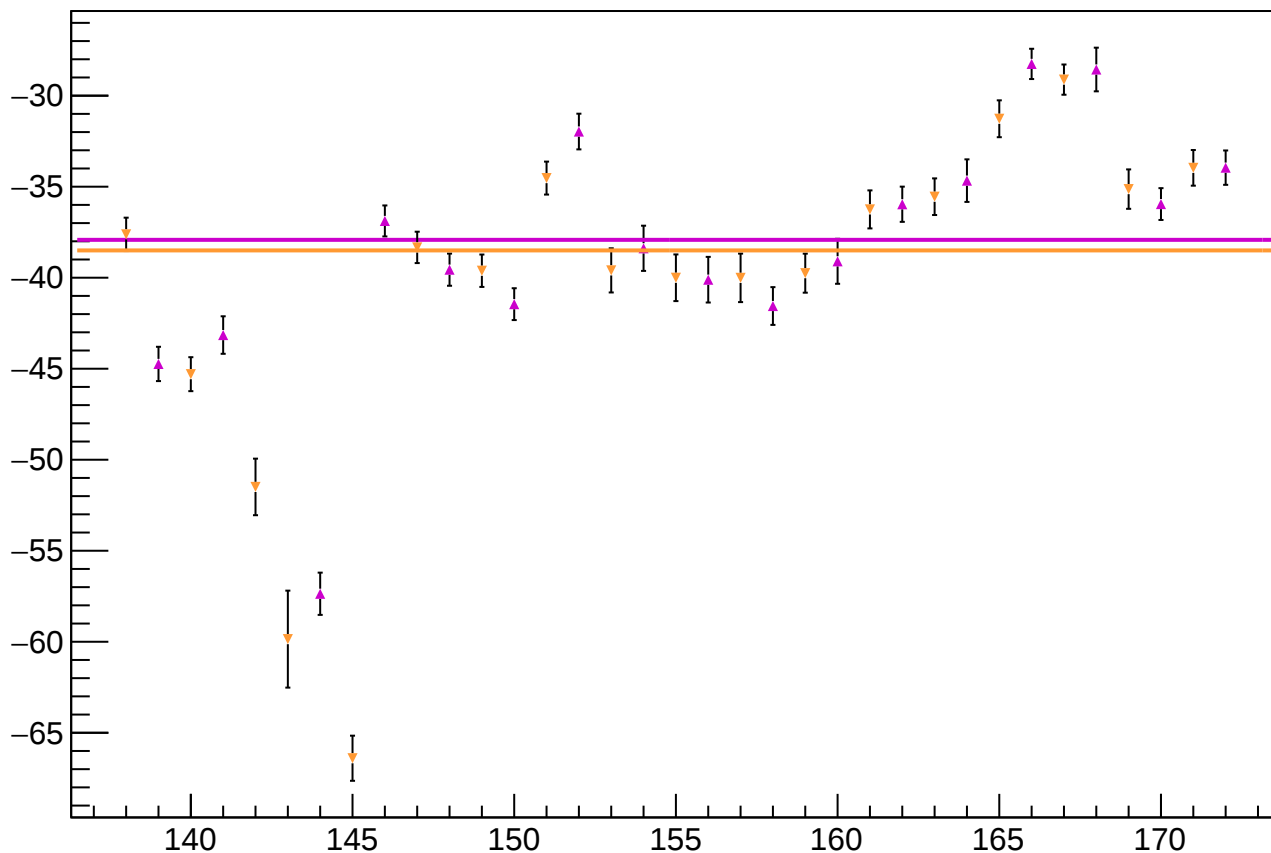
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:65.1/32

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:183.1/35

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 248.5/68

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



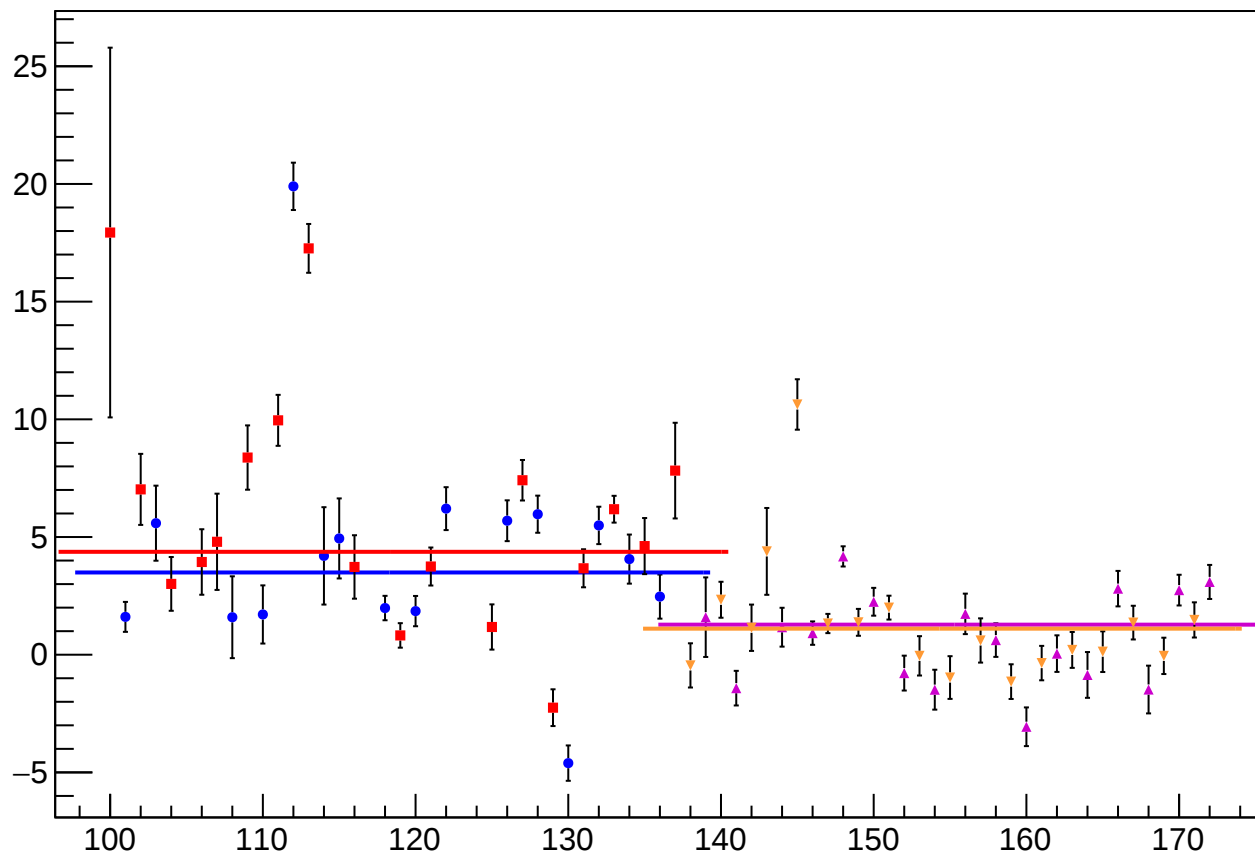
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.501+/-0.248 χ^2/NDF :943.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.920+/-0.242 χ^2/NDF :663.9/16

Left: -38.204+/-0.173 χ^2/NDF : 1610.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.920+/-0.242 χ^2/NDF :663.9/16
 Out: -38.501+/-0.248 χ^2/NDF :943.6/17

All: -38.204+/-0.173 χ^2/NDF : 1610.3/34

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.106 $\pm$ 0.172 χ^2 /NDF:117.2/17

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.277 $\pm$ 0.172 χ^2 /NDF:139.9/16

Left: 1.191 $\pm$ 0.122 χ^2 /NDF: 257.6/34

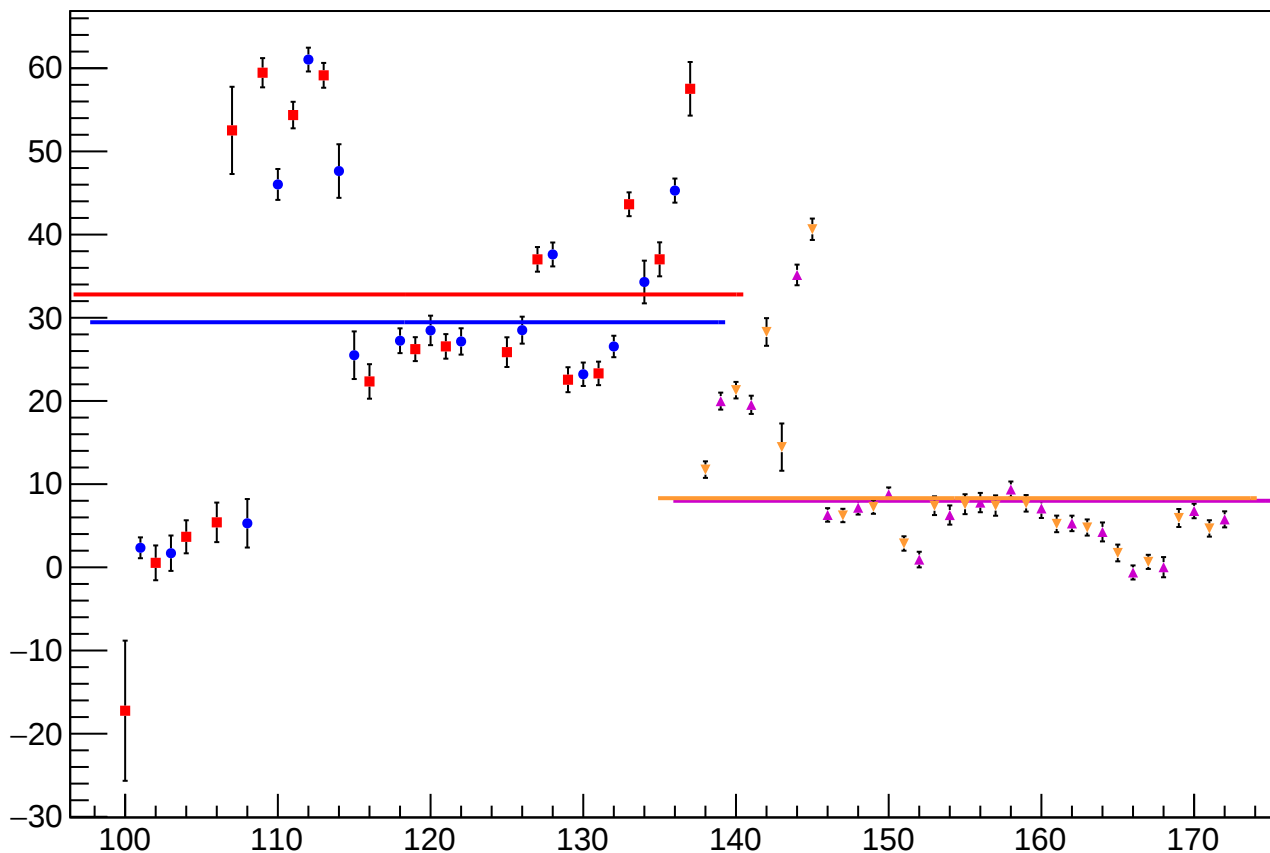
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.130 $\pm$ 0.135 χ^2 /NDF:648.6/32

Out: 2.305 $\pm$ 0.137 χ^2 /NDF:604.1/35

All: 2.217 $\pm$ 0.096 χ^2 /NDF: 1253.6/68

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 8.312 $\pm$ 0.243 χ^2 /NDF:1178.5/17

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 8.000 $\pm$ 0.237 χ^2 /NDF:968.6/16

Left: 8.152 $\pm$ 0.170 χ^2 /NDF: 2147.9/34

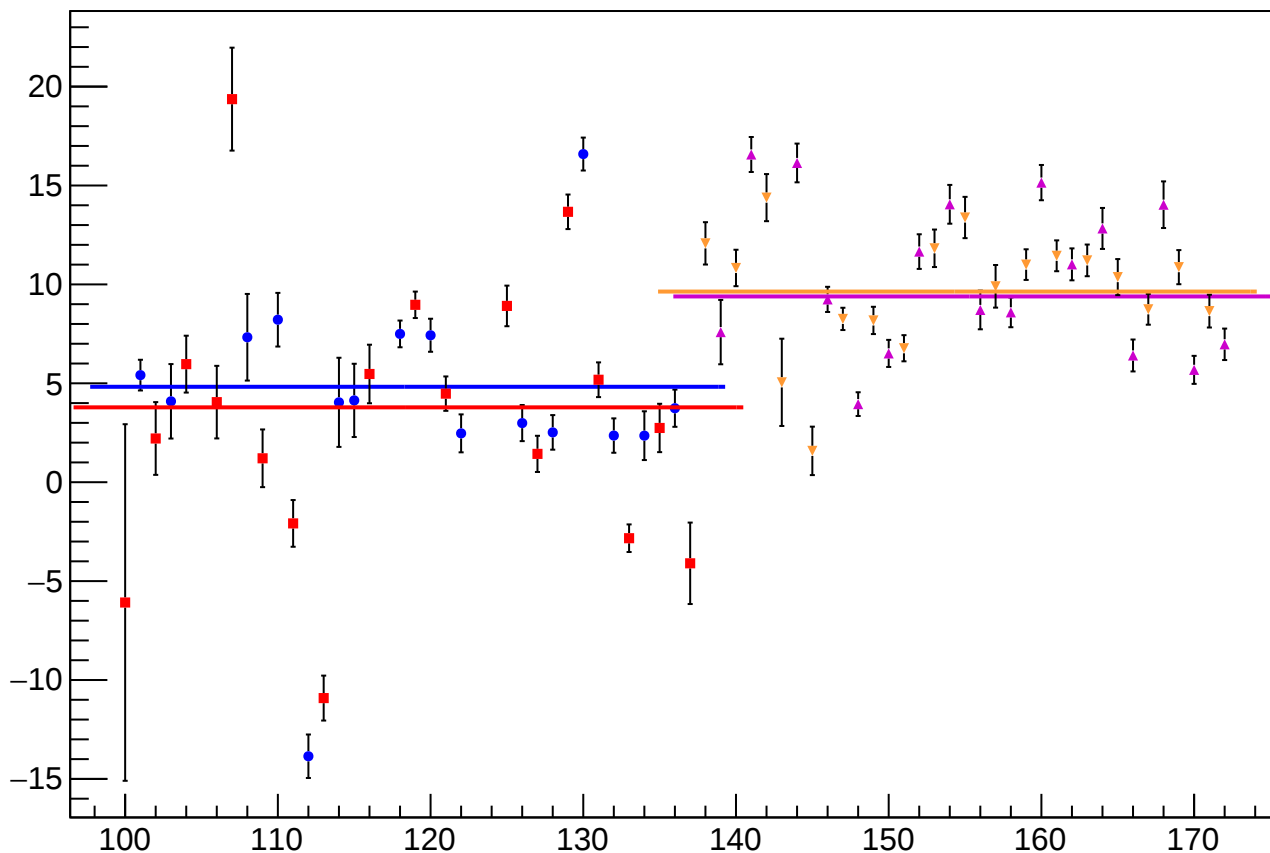
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 13.242 $\pm$ 0.206 χ^2 /NDF:4457.3/32

Out: 14.392 $\pm$ 0.211 χ^2 /NDF:5358.9/35

All: 13.805 $\pm$ 0.147 χ^2 /NDF: 9831.4/68

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.638 ± 0.202 χ^2/NDF : 135.6/17

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.391 ± 0.201 χ^2/NDF : 368.2/16

Left: 9.514 ± 0.142 χ^2/NDF : 504.6/34

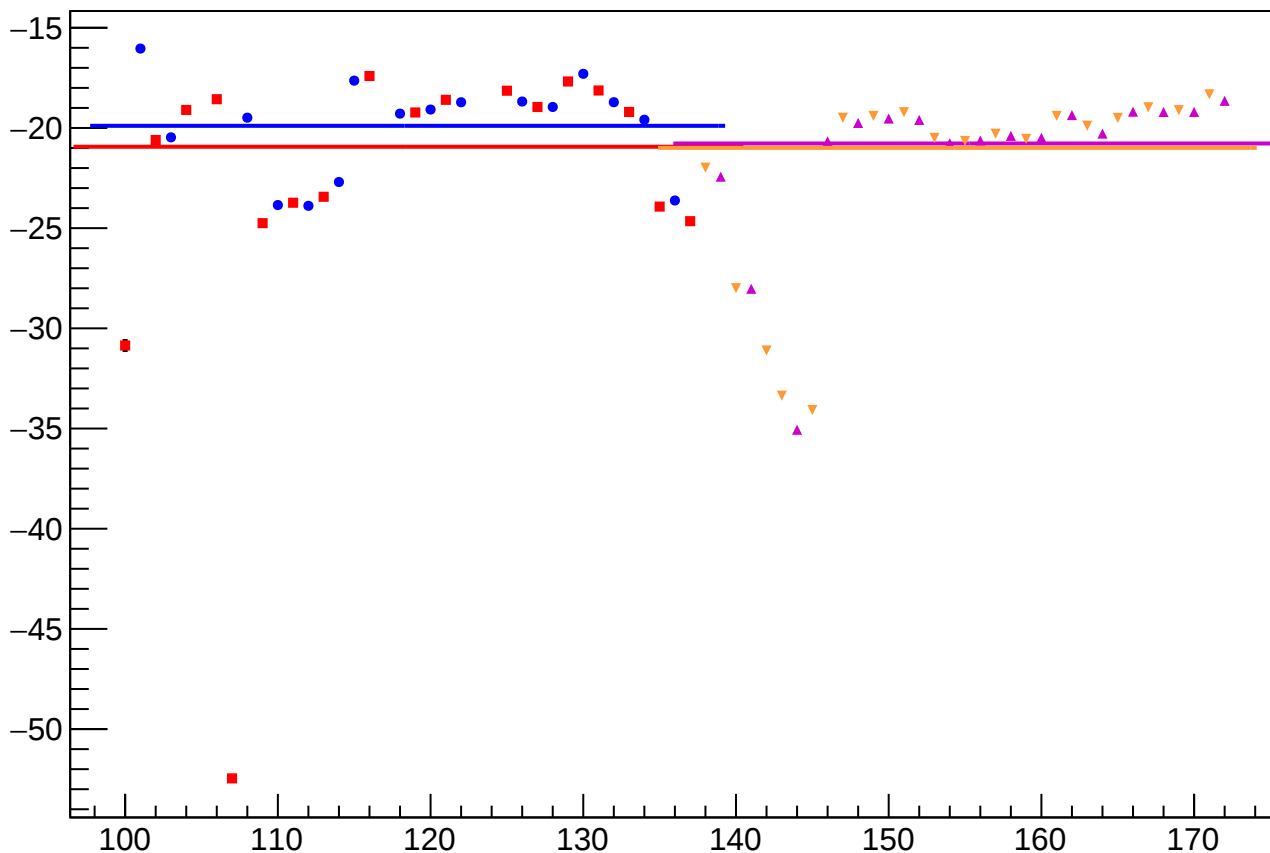
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.615 ± 0.157 χ^2/NDF : 1122.4/32

Out: 7.427 ± 0.159 χ^2/NDF : 1018.7/35

All: 7.522 ± 0.112 χ^2/NDF : 2141.8/68

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.993 ± 0.010 $\chi^2/\text{NDF}: 149274.8/17$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.774 ± 0.009 $\chi^2/\text{NDF}: 111867.5/16$

Left: -20.880 ± 0.007 $\chi^2/\text{NDF}: 261410.0/34$

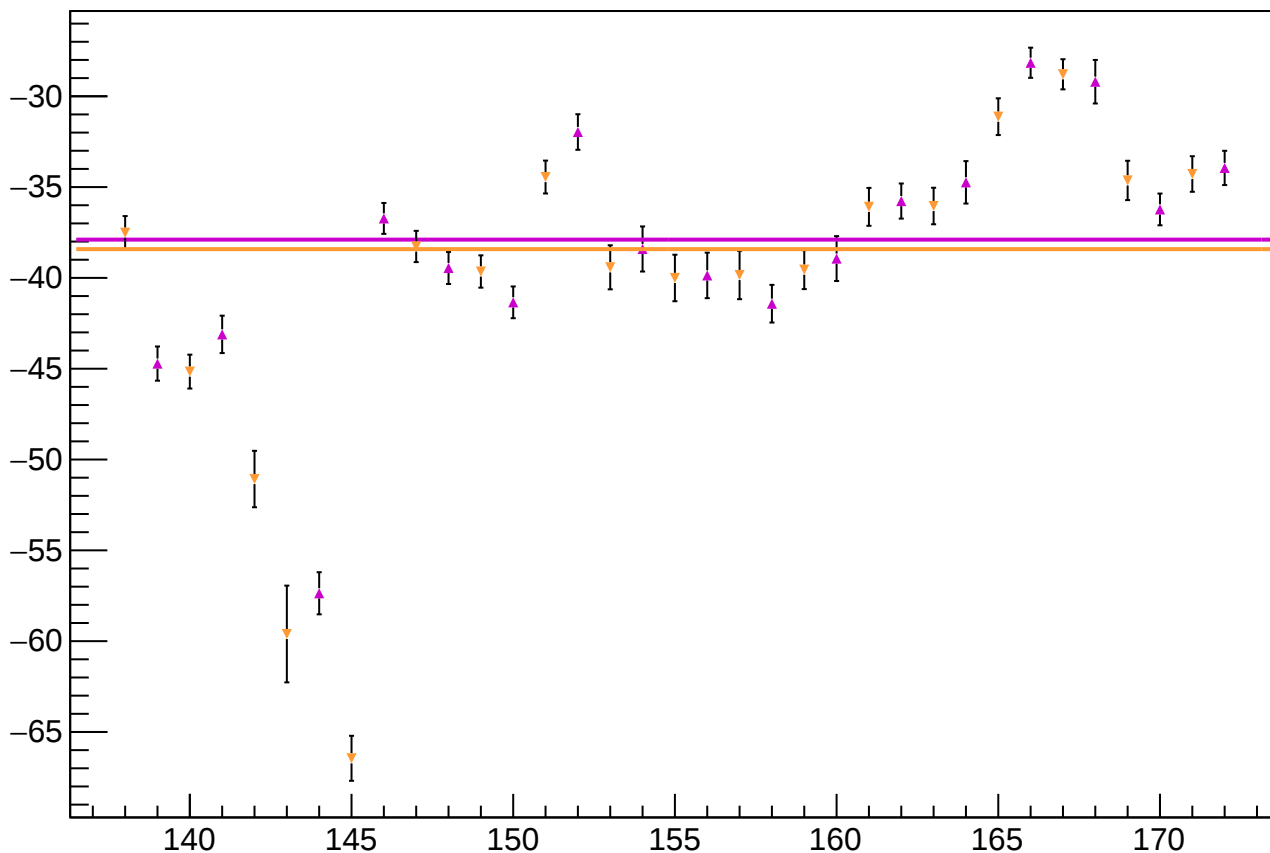
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.542 ± 0.008 $\chi^2/\text{NDF}: 140318.5/32$

Out: -20.977 ± 0.008 $\chi^2/\text{NDF}: 243411.5/35$

All: -20.755 ± 0.006 $\chi^2/\text{NDF}: 385177.7/68$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -38.417 $\pm$ 0.247 χ^2 /NDF:947.9/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -37.893 $\pm$ 0.242 χ^2 /NDF:655.6/16

Left: -38.149 $\pm$ 0.173 χ^2 /NDF: 1605.8/34

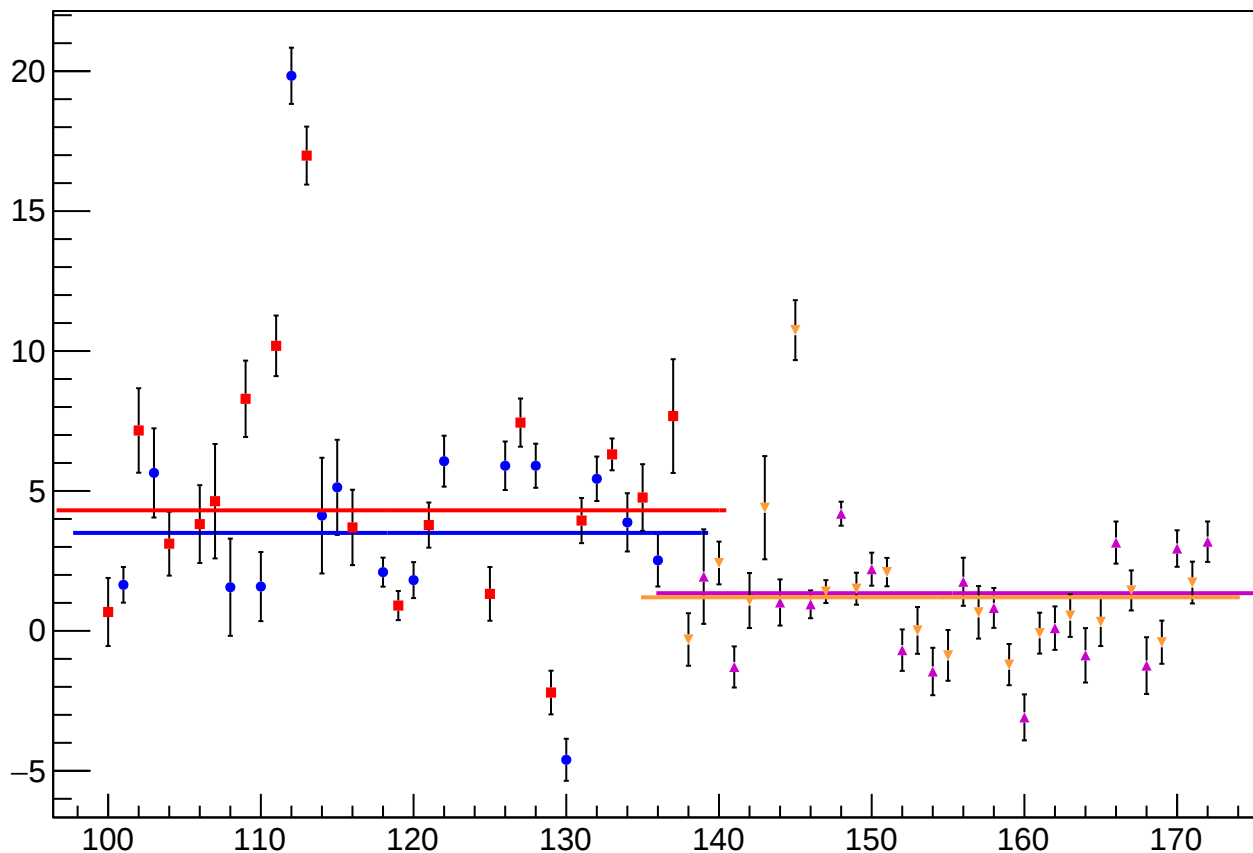
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -37.893 $\pm$ 0.242 χ^2 /NDF:655.6/16

Out: -38.417 $\pm$ 0.247 χ^2 /NDF:947.9/17

All: -38.149 $\pm$ 0.173 χ^2 /NDF: 1605.8/34

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2/NDF : 441.9/15

Left Out: 1.200 $\pm$ 0.172 χ^2/NDF : 119.4/17

Right Out: 4.308 $\pm$ 0.221 χ^2/NDF : 352.8/17

Left In: 1.347 $\pm$ 0.172 χ^2/NDF : 140.7/16

Left: 1.273 $\pm$ 0.121 χ^2/NDF : 260.5/34

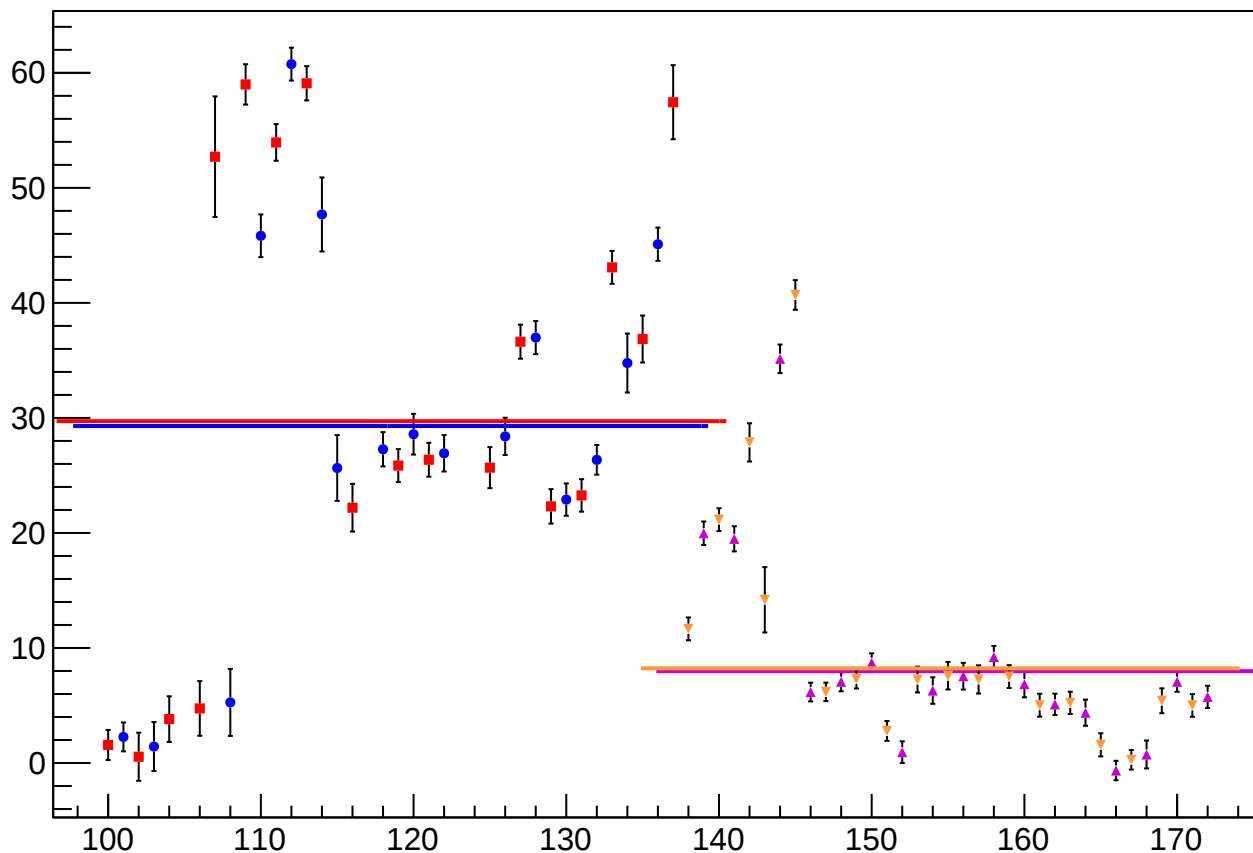
Right: 3.897 $\pm$ 0.155 χ^2/NDF : 801.4/33

In: 2.176 $\pm$ 0.135 χ^2/NDF : 643.0/32

Out: 2.365 $\pm$ 0.136 χ^2/NDF : 595.4/35

All: 2.270 $\pm$ 0.096 χ^2/NDF : 1239.3/68

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 8.230 $\pm$ 0.243 χ^2 /NDF:1181.4/17

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 7.983 $\pm$ 0.237 χ^2 /NDF:962.4/16

Left: 8.103 $\pm$ 0.170 χ^2 /NDF: 2144.3/34

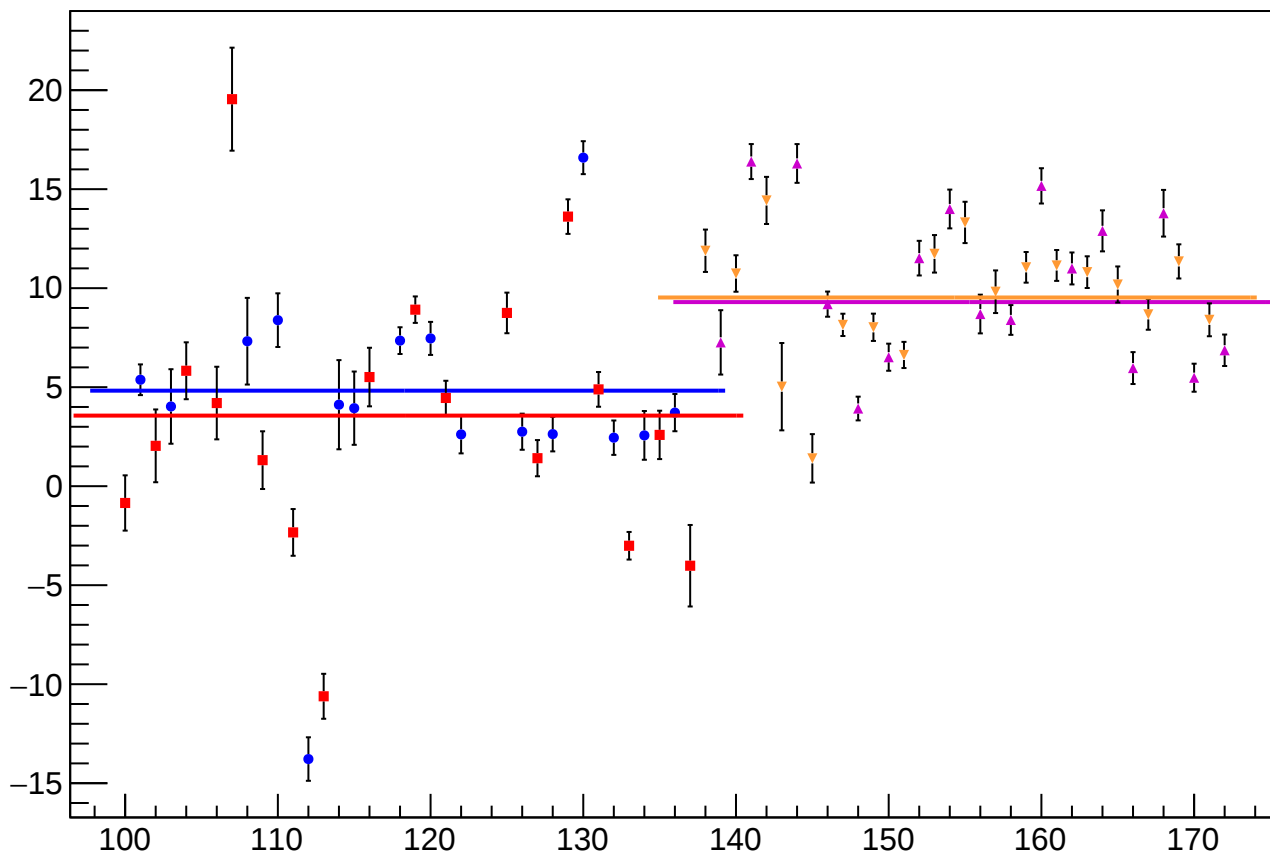
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 13.189 $\pm$ 0.206 χ^2 /NDF:4419.8/32

Out: 13.966 $\pm$ 0.208 χ^2 /NDF:5399.3/35

All: 13.574 $\pm$ 0.146 χ^2 /NDF: 9826.1/68

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.530 $\pm$ 0.202 χ^2 /NDF:139.4/17

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.297 $\pm$ 0.201 χ^2 /NDF:375.5/16

Left: 9.413 $\pm$ 0.142 χ^2 /NDF: 515.5/34

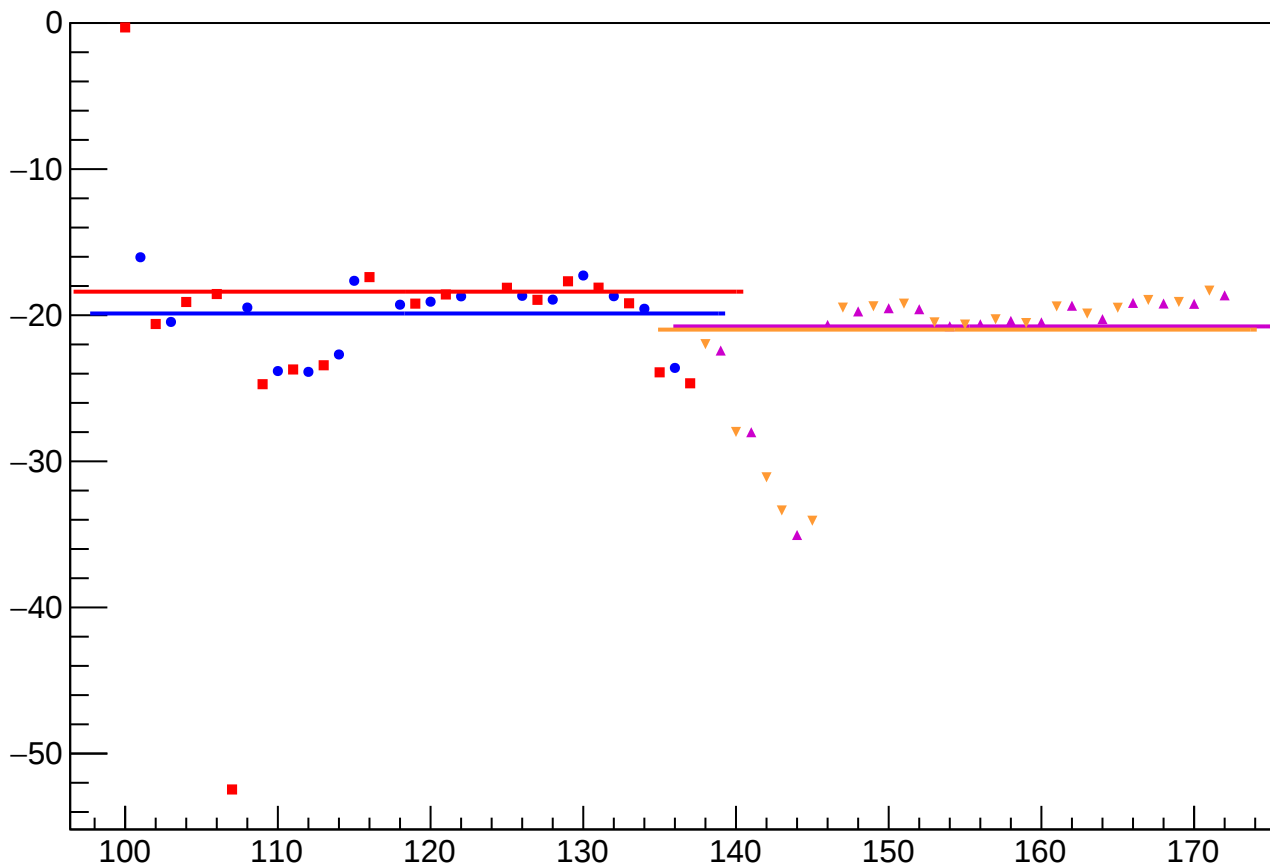
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.557 $\pm$ 0.157 χ^2 /NDF:1118.0/32

Out: 7.229 $\pm$ 0.158 χ^2 /NDF:1047.3/35

All: 7.394 $\pm$ 0.111 χ^2 /NDF: 2167.5/68

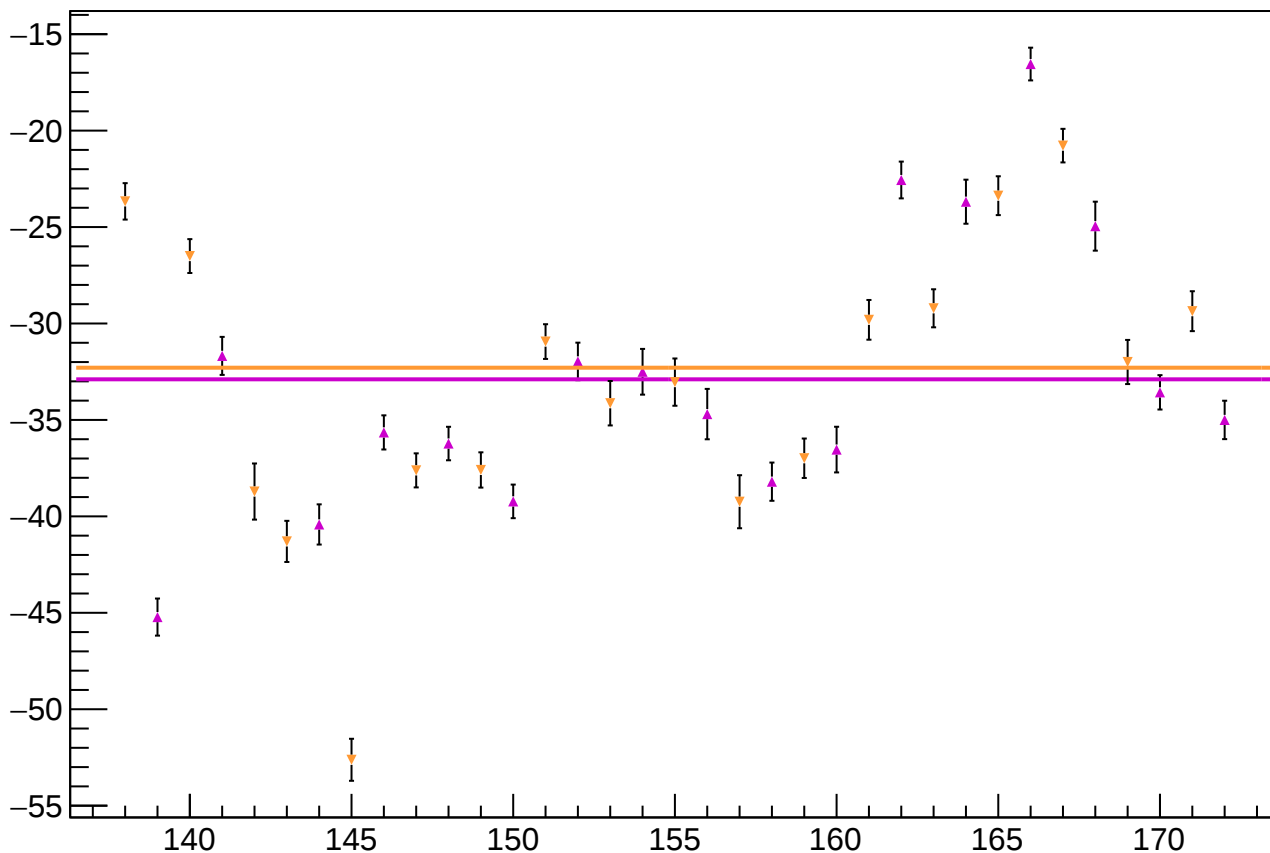
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.985 ± 0.010 $\chi^2/\text{NDF}: 149390.5/17$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.765 ± 0.009 $\chi^2/\text{NDF}: 111761.7/16$

Left: -20.872 ± 0.007 $\chi^2/\text{NDF}: 261421.4/34$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.533 ± 0.008 $\chi^2/\text{NDF}: 140223.1/32$
 Out: -20.213 ± 0.008 $\chi^2/\text{NDF}: 472470.2/35$
 All: -20.374 ± 0.006 $\chi^2/\text{NDF}: 613489.1/68$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.292+/-0.241 χ^2/NDF : 964.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.895+/-0.241 χ^2/NDF : 933.7/16

Left: -32.593+/-0.171 χ^2/NDF : 1901.7/34

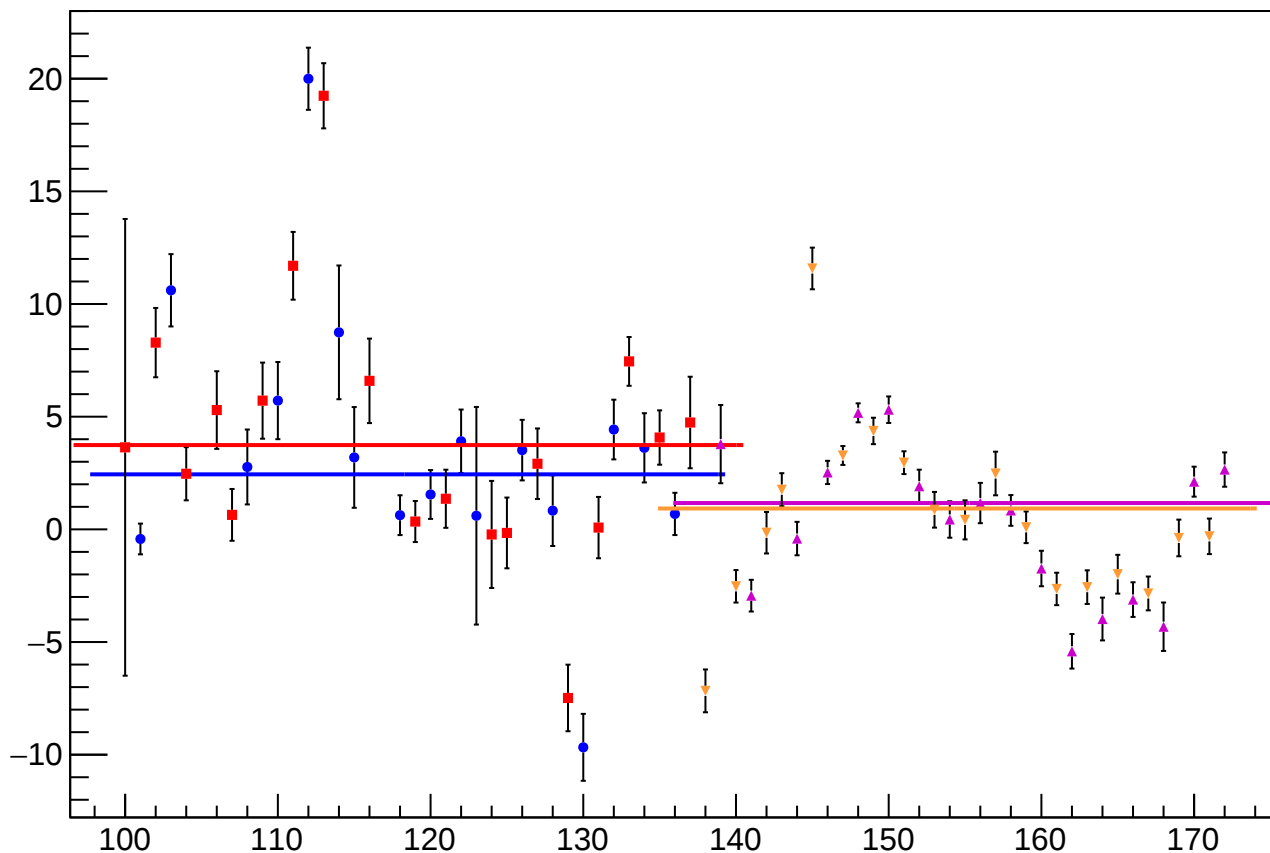
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.895+/-0.241 χ^2/NDF : 933.7/16

Out: -32.292+/-0.241 χ^2/NDF : 964.9/17

All: -32.593+/-0.171 χ^2/NDF : 1901.7/34

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: 0.926 $\pm$ 0.167 χ^2/NDF :405.7/17

Right Out: 3.740 $\pm$ 0.326 χ^2/NDF : 268.1/18

Left In: 1.169 $\pm$ 0.171 χ^2/NDF :369.6/16

Left: 1.045 $\pm$ 0.120 χ^2/NDF : 776.4/34

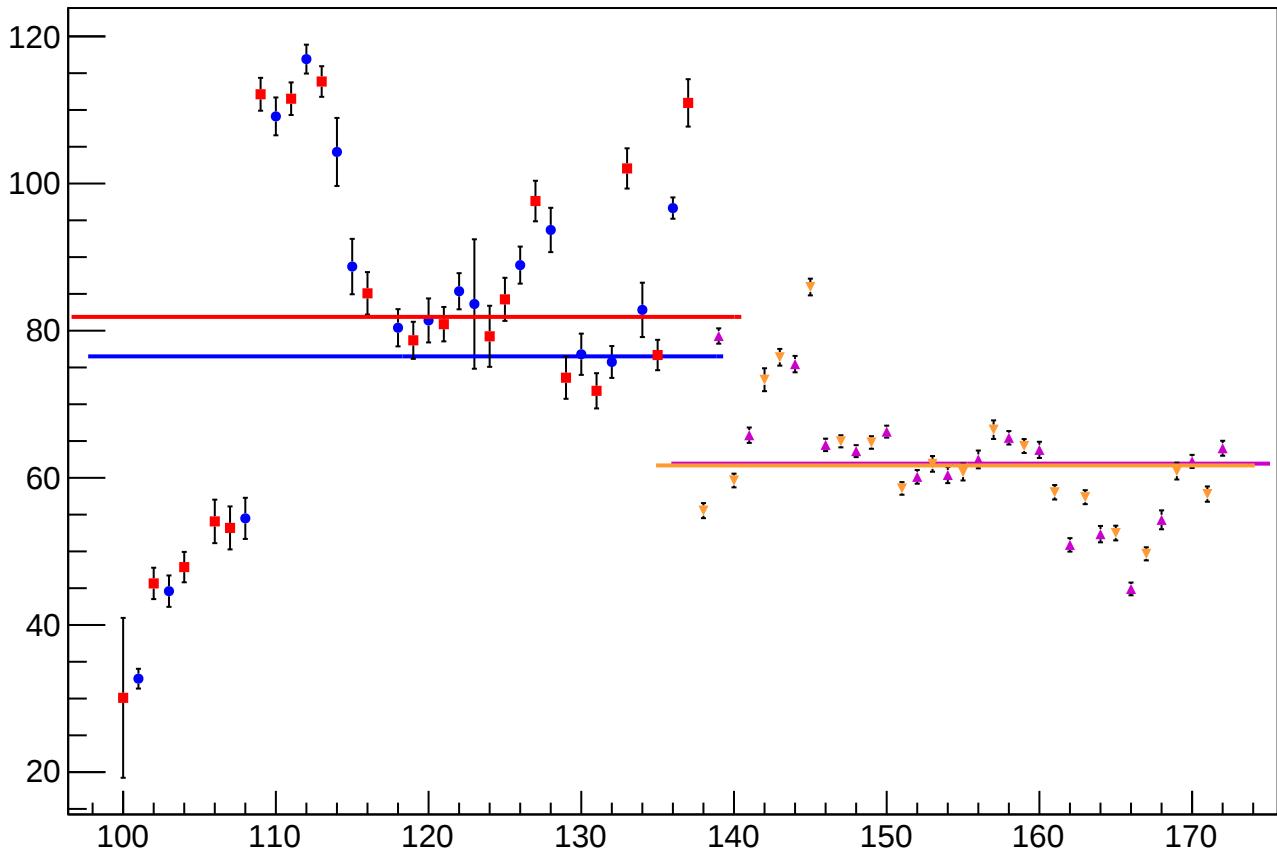
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/35

In: 1.463 $\pm$ 0.150 χ^2/NDF :677.2/33

Out: 1.511 $\pm$ 0.149 χ^2/NDF :732.7/36

All: 1.487 $\pm$ 0.106 χ^2/NDF : 1409.9/70

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 61.685+/-0.238 χ^2/NDF :1098.8/17

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 61.930+/-0.236 χ^2/NDF :1150.9/16

Left: 61.808+/-0.168 χ^2/NDF : 2250.2/34

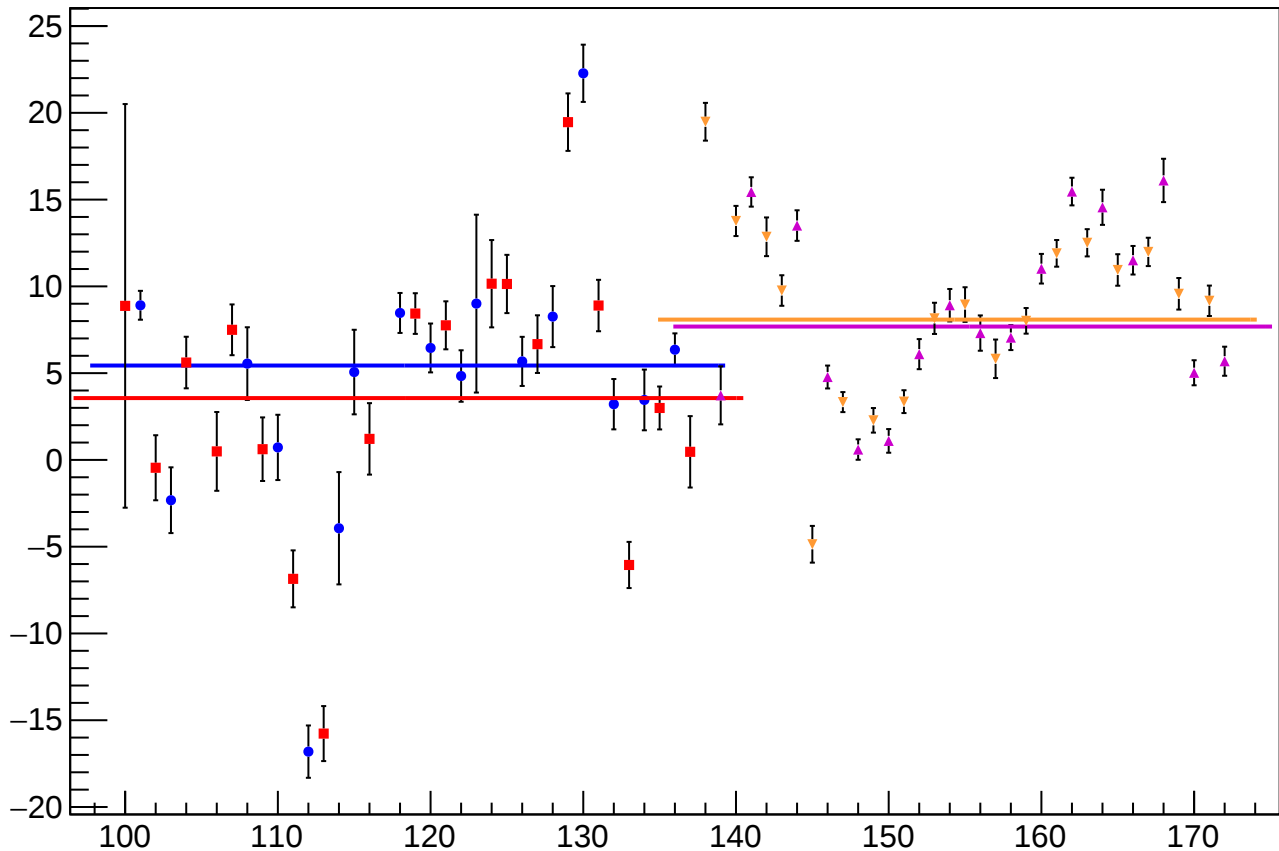
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 64.043+/-0.219 χ^2/NDF :3953.1/33

Out: 64.488+/-0.220 χ^2/NDF :3672.1/36

All: 64.264+/-0.155 χ^2/NDF : 7627.3/70

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2/NDF : 386.2/16

Left Out: 8.086 $\pm$ 0.197 χ^2/NDF :609.1/17

Right Out: 3.563 $\pm$ 0.375 χ^2/NDF : 420.8/18

Left In: 7.685 $\pm$ 0.199 χ^2/NDF :639.9/16

Left: 7.888 $\pm$ 0.140 χ^2/NDF : 1251.0/34

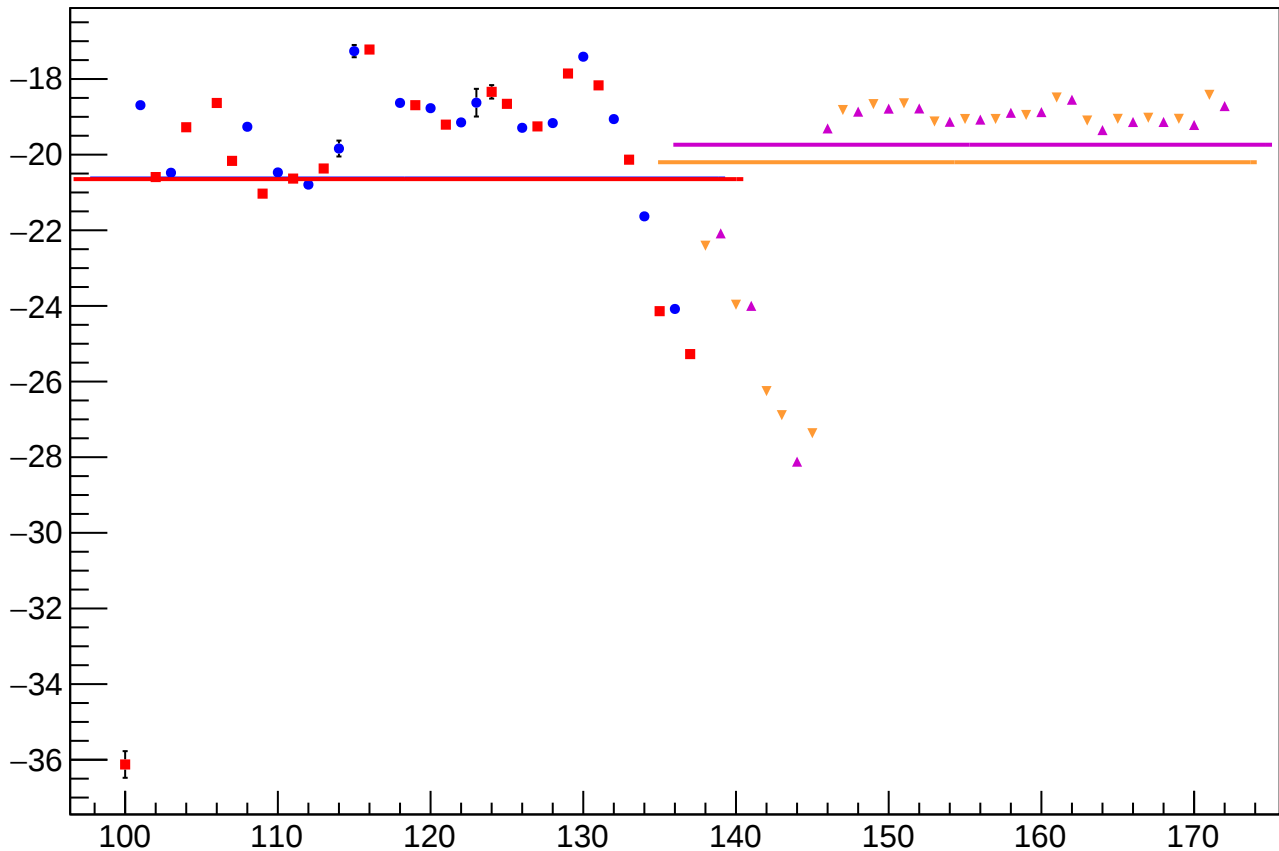
Right: 4.545 $\pm$ 0.259 χ^2/NDF : 820.1/35

In: 7.152 $\pm$ 0.174 χ^2/NDF :1056.1/33

Out: 7.111 $\pm$ 0.174 χ^2/NDF :1144.0/36

All: 7.132 $\pm$ 0.123 χ^2/NDF : 2200.2/70

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.200 $\pm$ 0.009 χ^2 /NDF: 83932.9/17

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.738 $\pm$ 0.009 χ^2 /NDF: 50111.7/16

Left: -19.967 $\pm$ 0.007 χ^2 /NDF: 135272.7/34

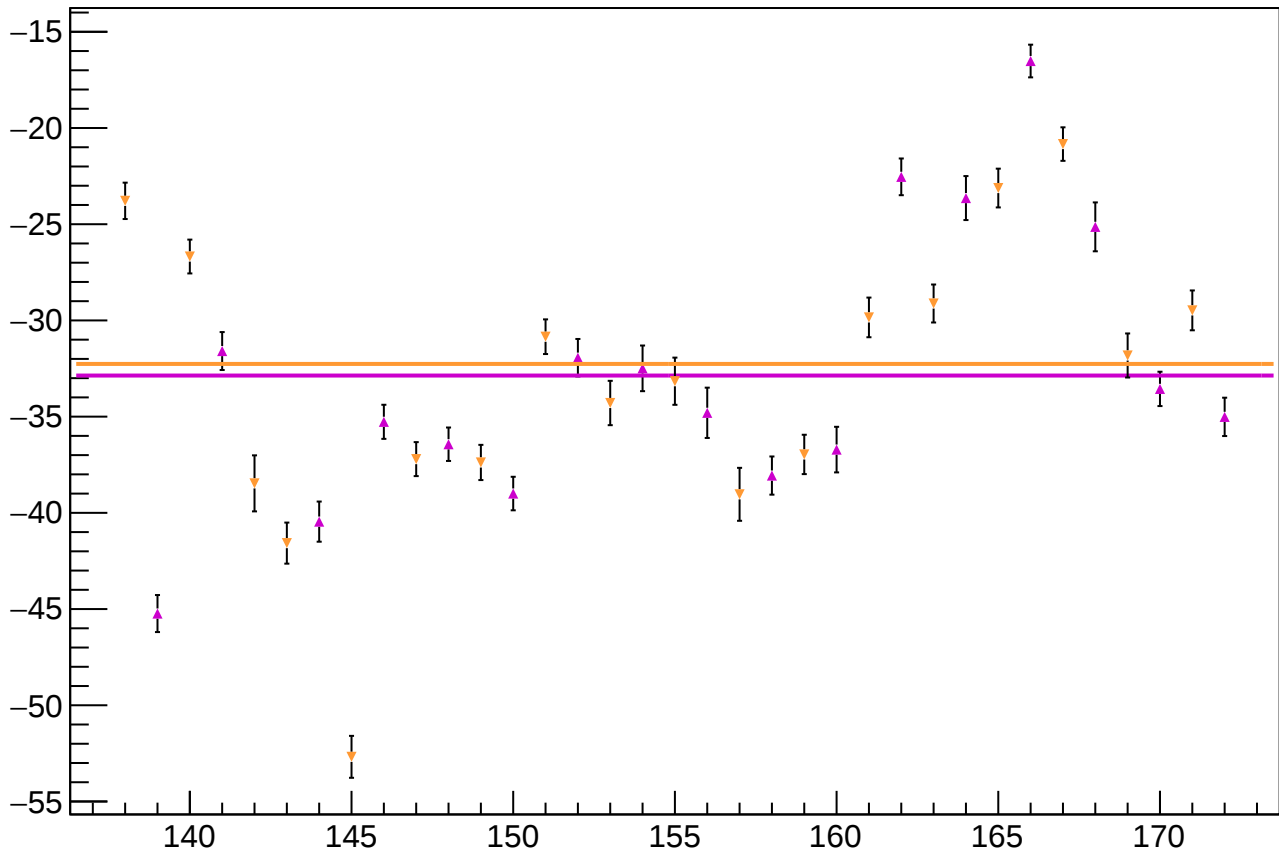
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -19.906 $\pm$ 0.008 χ^2 /NDF: 64355.0/33

Out: -20.285 $\pm$ 0.008 χ^2 /NDF: 98270.8/36

All: -20.094 $\pm$ 0.006 χ^2 /NDF: 163641.9/70

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.864+/-0.241 χ^2/NDF : 929.5/16

Left: -32.562+/-0.171 χ^2/NDF : 1890.4/34

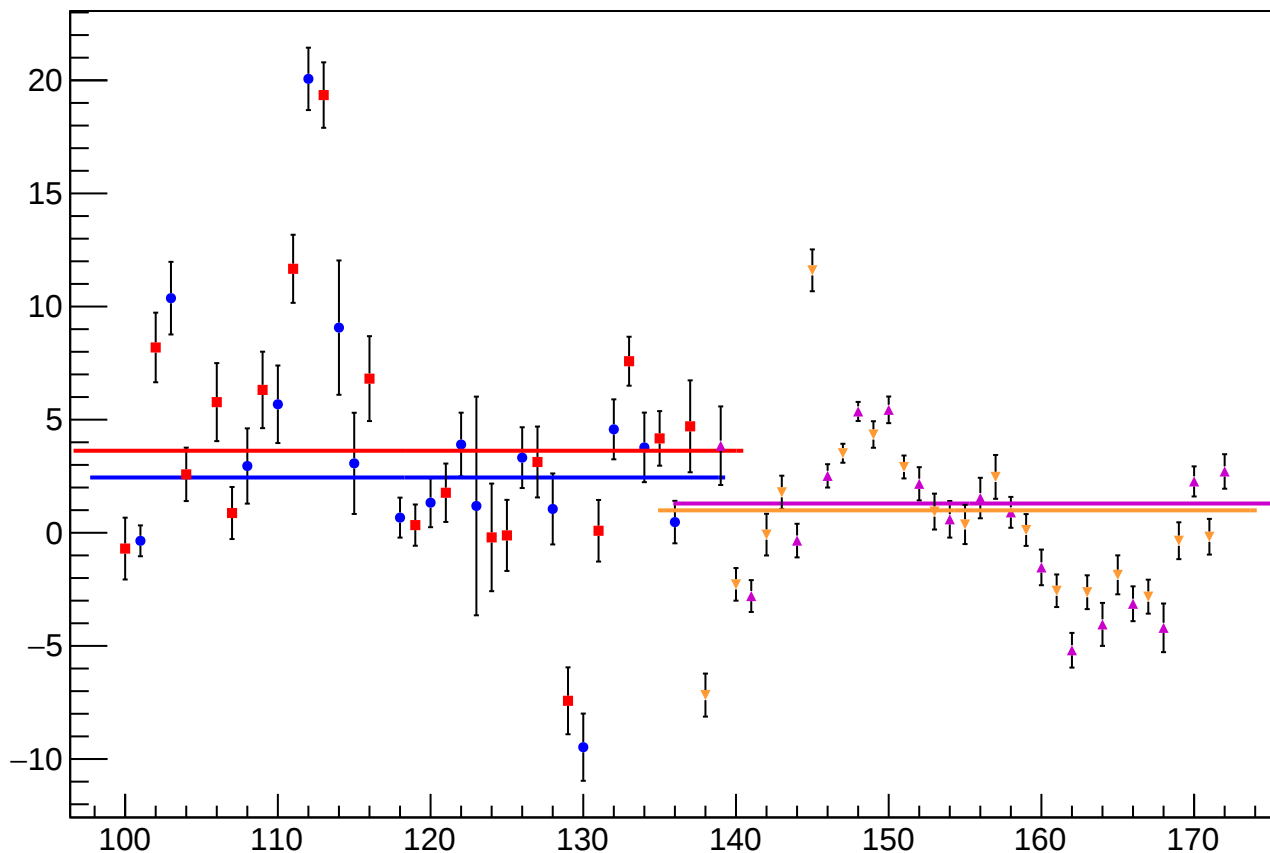
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.864+/-0.241 χ^2/NDF : 929.5/16

Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

All: -32.562+/-0.171 χ^2/NDF : 1890.4/34

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: 0.991 ± 0.167 $\chi^2/\text{NDF}: 405.6/17$

Right Out: 3.626 ± 0.318 $\chi^2/\text{NDF}: 278.9/18$

Left In: 1.294 ± 0.171 $\chi^2/\text{NDF}: 372.6/16$

Left: 1.139 ± 0.120 $\chi^2/\text{NDF}: 779.9/34$

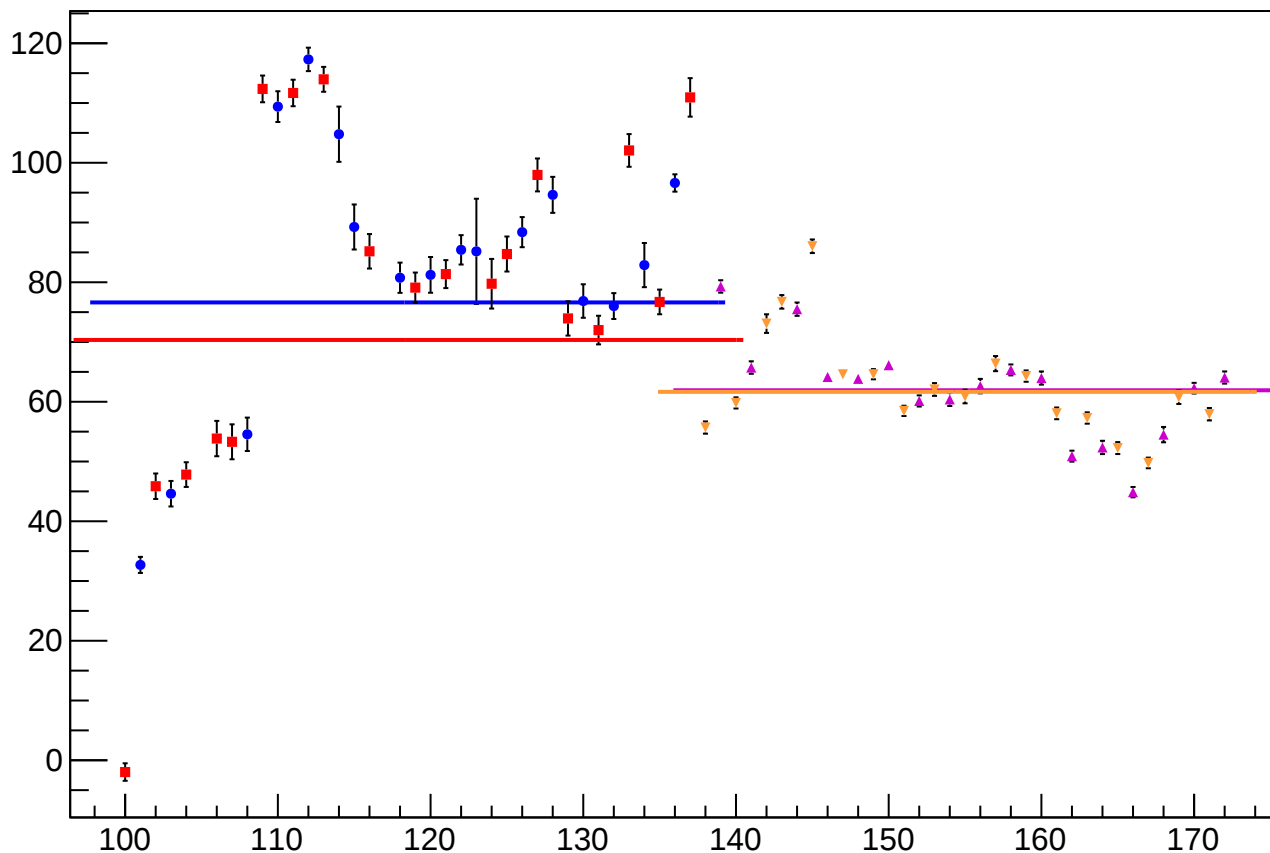
Right: 3.024 ± 0.223 $\chi^2/\text{NDF}: 578.6/35$

In: 1.560 ± 0.150 $\chi^2/\text{NDF}: 675.8/33$

Out: 1.563 ± 0.148 $\chi^2/\text{NDF}: 738.3/36$

All: 1.562 ± 0.105 $\chi^2/\text{NDF}: 1414.1/70$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 61.661 $\pm$ 0.238 χ^2 /NDF:1100.1/17

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.924 $\pm$ 0.237 χ^2 /NDF:1146.0/16

Left: 61.793 $\pm$ 0.168 χ^2 /NDF: 2246.7/34

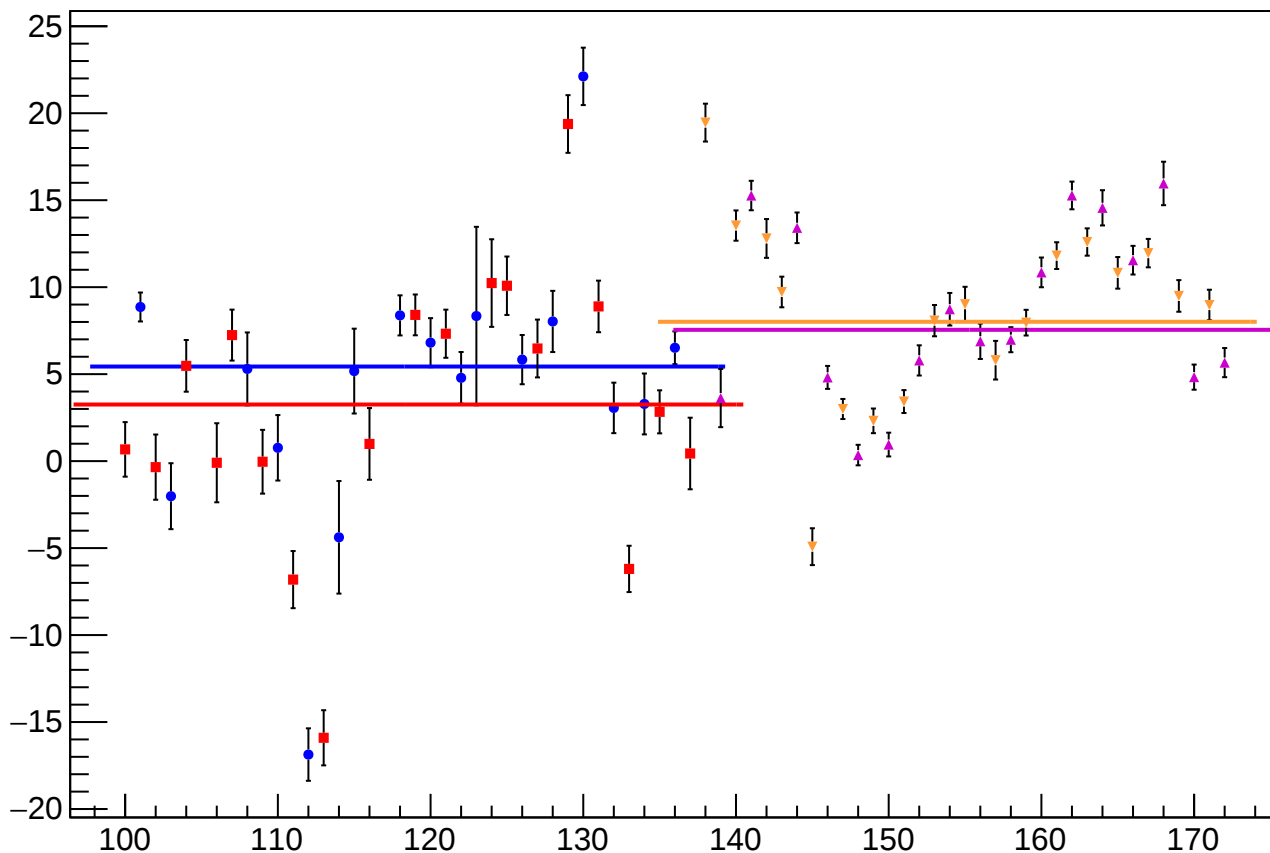
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.056 $\pm$ 0.219 χ^2 /NDF:3968.8/33

Out: 63.030 $\pm$ 0.218 χ^2 /NDF:5698.7/36

All: 63.542 $\pm$ 0.154 χ^2 /NDF: 9678.5/70

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 8.010 $\pm$ 0.197 χ^2/NDF : 611.2/17

Right Out: 3.253 $\pm$ 0.365 χ^2/NDF : 423.7/18

Left In: 7.547 $\pm$ 0.200 χ^2/NDF : 644.6/16

Left: 7.782 $\pm$ 0.140 χ^2/NDF : 1258.5/34

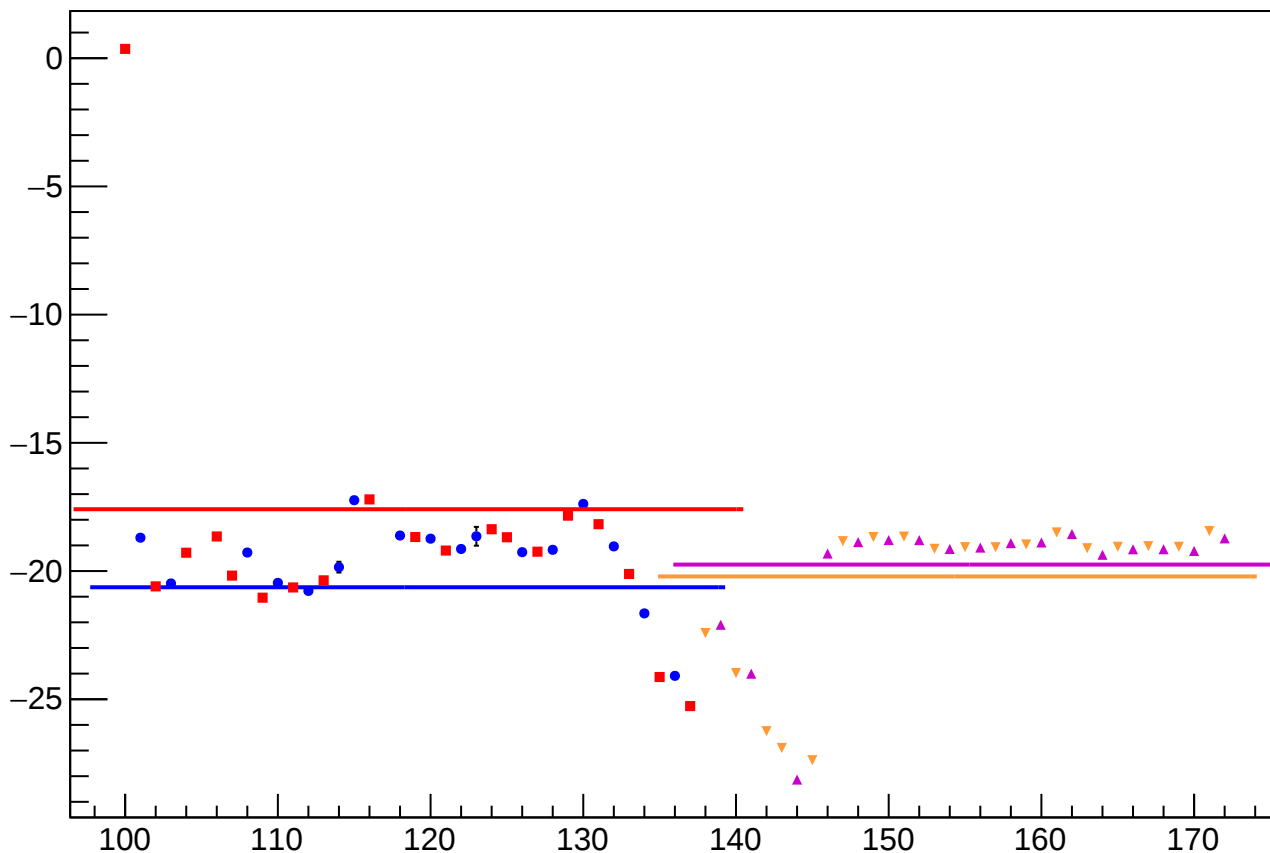
Right: 4.367 $\pm$ 0.256 χ^2/NDF : 826.5/35

In: 7.047 $\pm$ 0.174 χ^2/NDF : 1055.6/33

Out: 6.940 $\pm$ 0.173 χ^2/NDF : 1166.5/36

All: 6.993 $\pm$ 0.123 χ^2/NDF : 2222.3/70

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF : 12543.2/16

Left Out: -20.210+/-0.009 χ^2/NDF : 83782.3/17

Right Out: -17.589+/-0.018 χ^2/NDF : 178672.3/18

Left In: -19.748+/-0.009 χ^2/NDF : 50047.5/16

Left: -19.977+/-0.007 χ^2/NDF : 135052.9/34

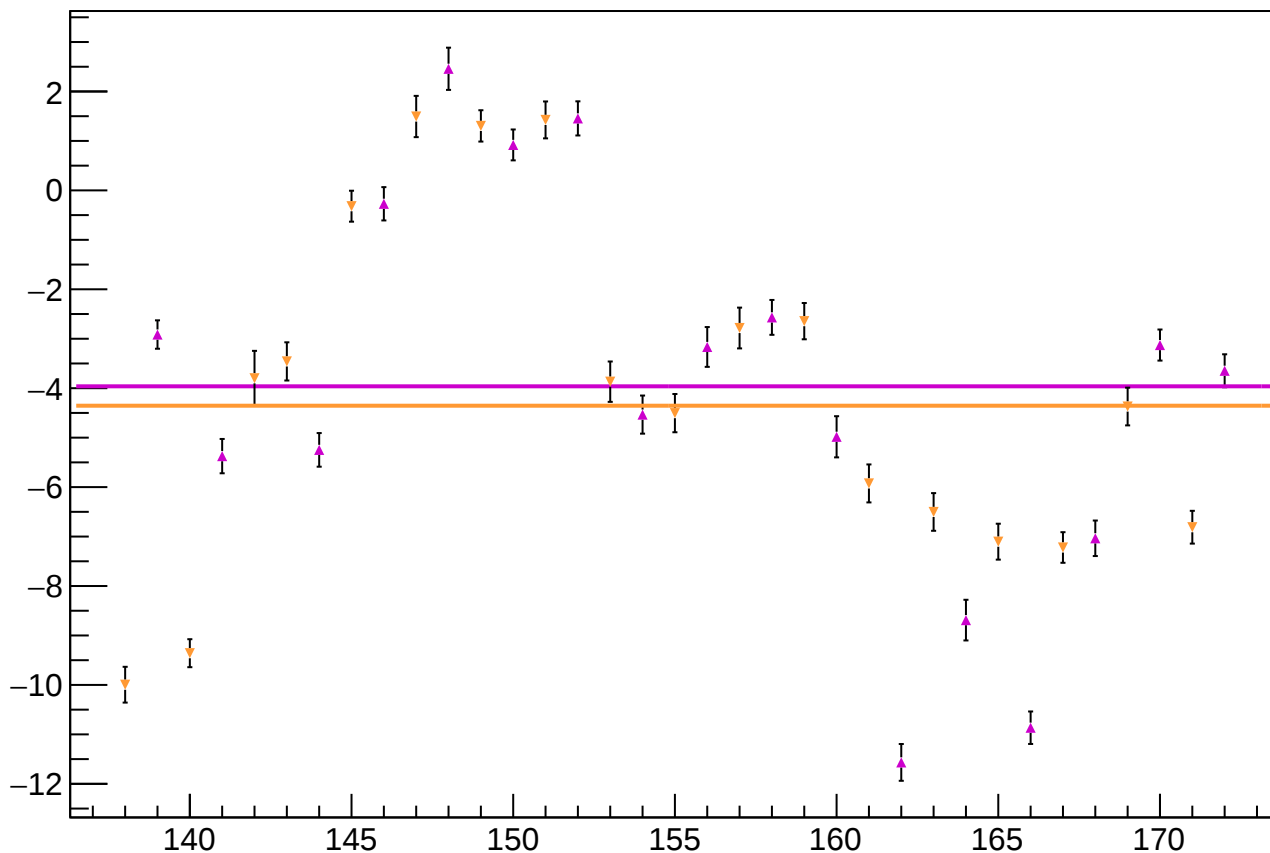
Right: -19.006+/-0.013 χ^2/NDF : 204500.0/35

In: -19.915+/-0.008 χ^2/NDF : 64293.5/33

Out: -19.650+/-0.008 χ^2/NDF : 279105.3/36

All: -19.782+/-0.006 χ^2/NDF : 343899.5/70

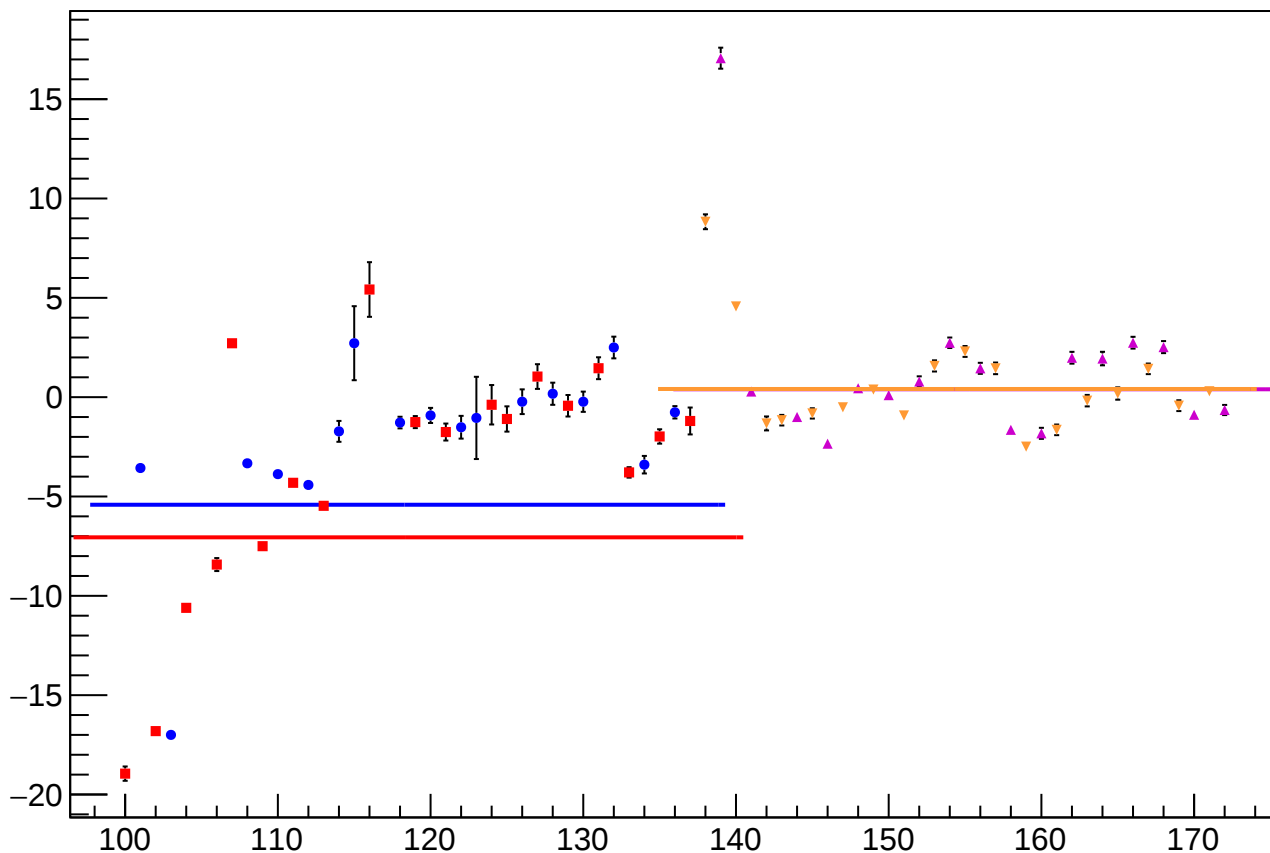
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.354 $\pm$ 0.085 χ^2 /NDF:1768.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.962 $\pm$ 0.085 χ^2 /NDF:1981.9/16

Left: -4.157 $\pm$ 0.060 χ^2 /NDF: 3760.7/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.962 $\pm$ 0.085 χ^2 /NDF:1981.9/16
 Out: -4.354 $\pm$ 0.085 χ^2 /NDF:1768.3/17
 All: -4.157 $\pm$ 0.060 χ^2 /NDF: 3760.7/34

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.412 ± 0.062 χ^2/NDF : 1253.5/17

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.397 ± 0.063 χ^2/NDF : 1628.9/16

Left: 0.404 ± 0.044 χ^2/NDF : 2882.4/34

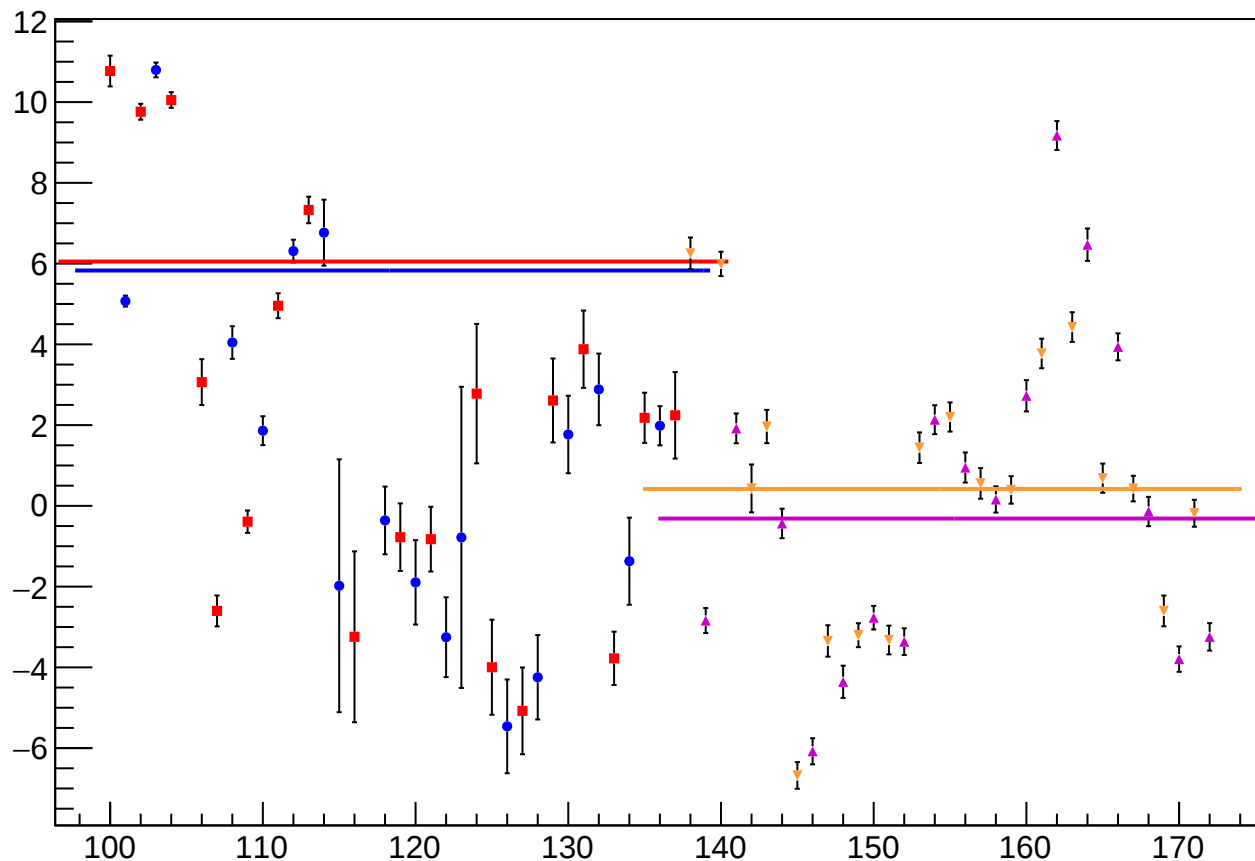
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.920 ± 0.041 χ^2/NDF : 15719.6/33

Out: -3.480 ± 0.043 χ^2/NDF : 21254.1/36

All: -3.192 ± 0.030 χ^2/NDF : 37062.6/70

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.419 ± 0.085 $\chi^2/\text{NDF}: 1692.9/17$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.314 ± 0.084 $\chi^2/\text{NDF}: 2148.2/16$

Left: 0.049 ± 0.060 $\chi^2/\text{NDF}: 3879.0/34$

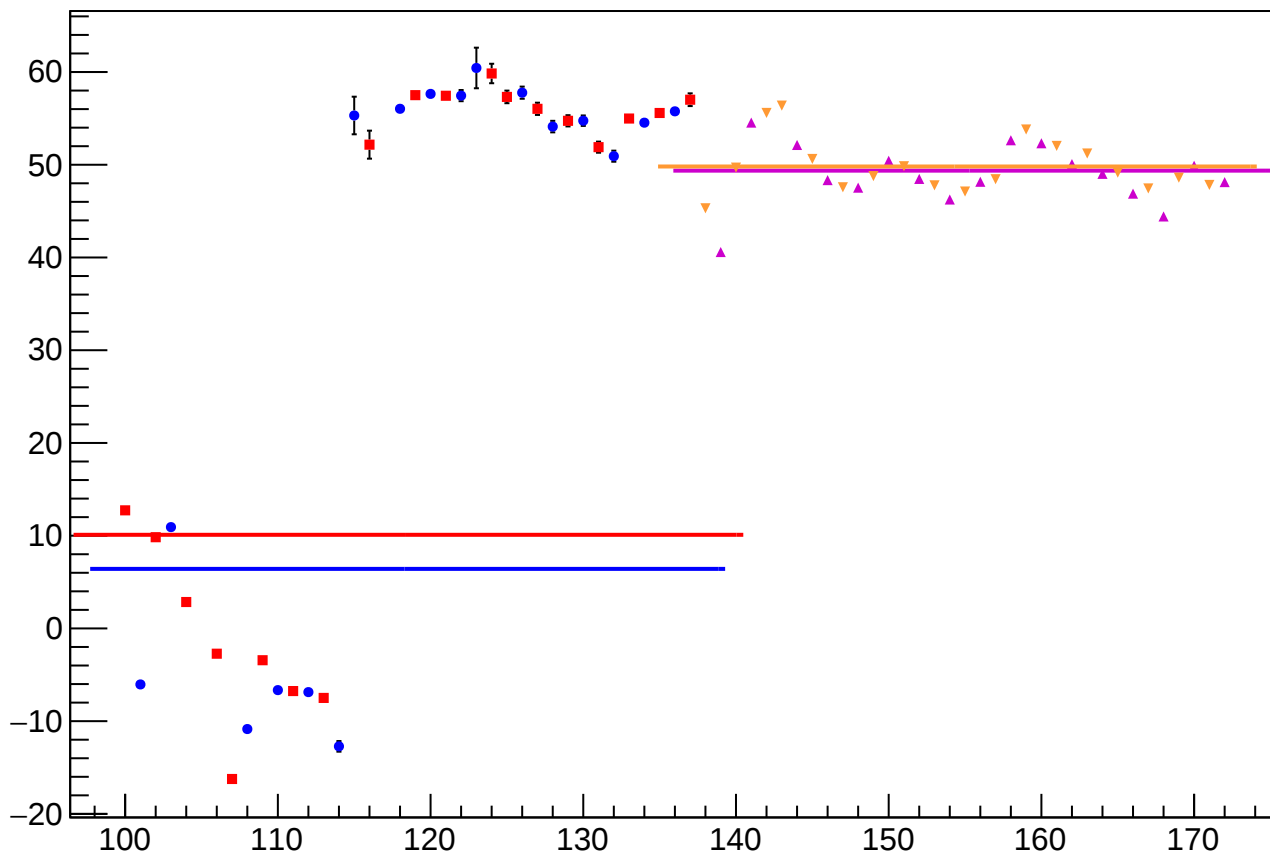
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.552 ± 0.061 $\chi^2/\text{NDF}: 6102.9/33$

Out: 2.959 ± 0.063 $\chi^2/\text{NDF}: 6367.6/36$

All: 2.751 ± 0.044 $\chi^2/\text{NDF}: 12492.1/70$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.812 ± 0.071 χ^2/NDF : 1386.0/17

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.365 ± 0.072 χ^2/NDF : 1436.9/16

Left: 49.592 ± 0.051 χ^2/NDF : 2842.3/34

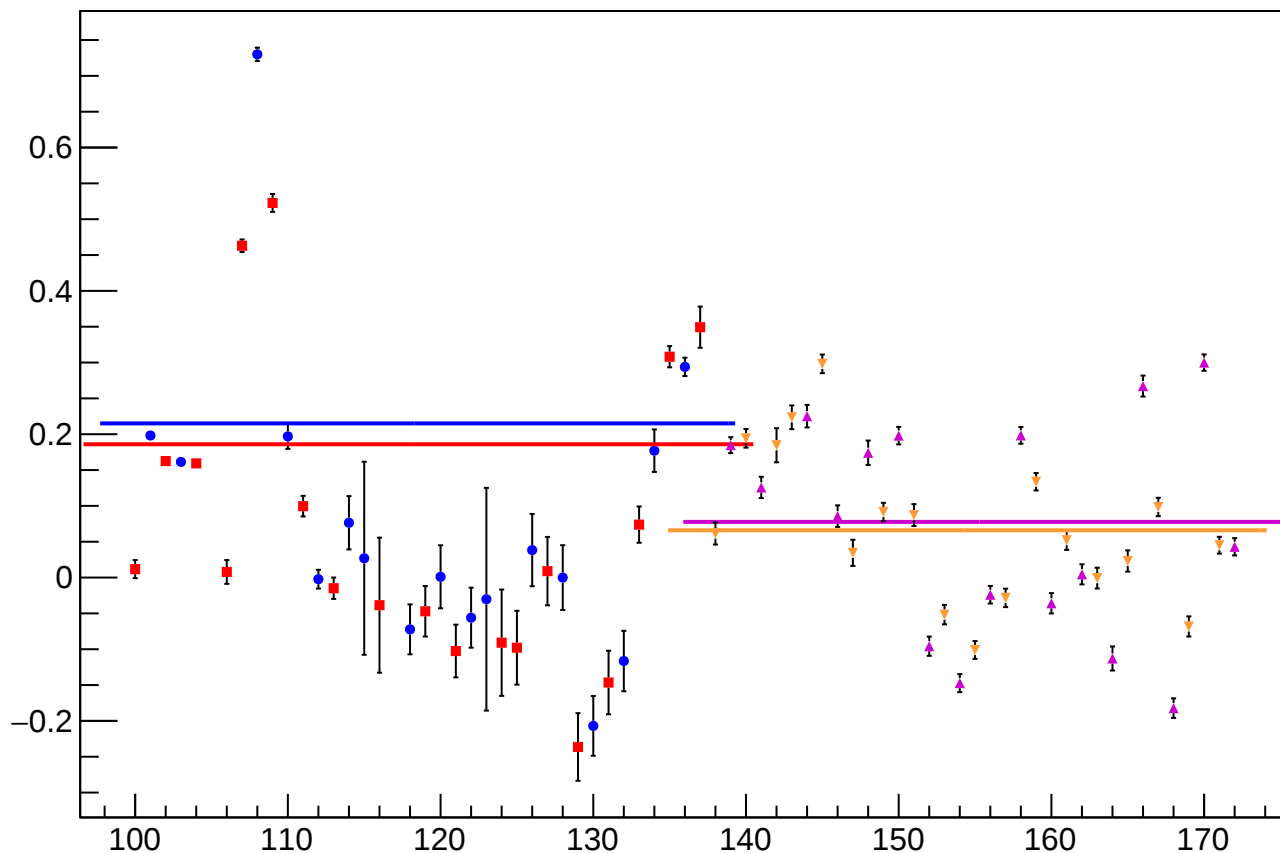
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 25.537 ± 0.048 χ^2/NDF : 320457.5/33

Out: 29.538 ± 0.050 χ^2/NDF : 282402.6/36

All: 27.473 ± 0.035 χ^2/NDF : 606192.0/70

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.066 ± 0.003 $\chi^2/\text{NDF}: 1015.0/17$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.078 ± 0.003 $\chi^2/\text{NDF}: 2121.0/16$

Left: 0.072 ± 0.002 $\chi^2/\text{NDF}: 3142.5/34$

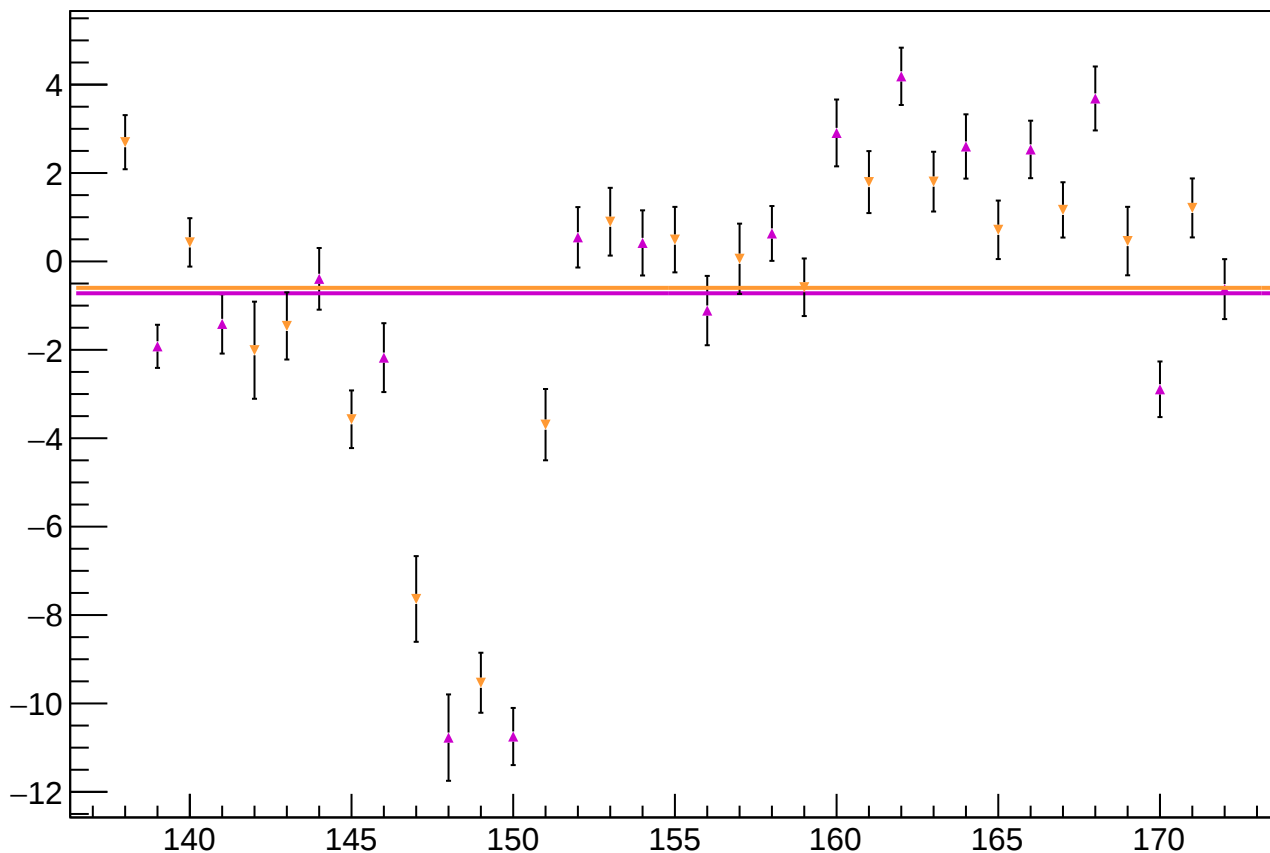
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.157 ± 0.002 $\chi^2/\text{NDF}: 7087.7/33$

Out: 0.138 ± 0.002 $\chi^2/\text{NDF}: 4535.0/36$

All: 0.147 ± 0.001 $\chi^2/\text{NDF}: 11665.2/70$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16

Left: -0.660 $\pm$ 0.117 χ^2 /NDF: 892.5/34

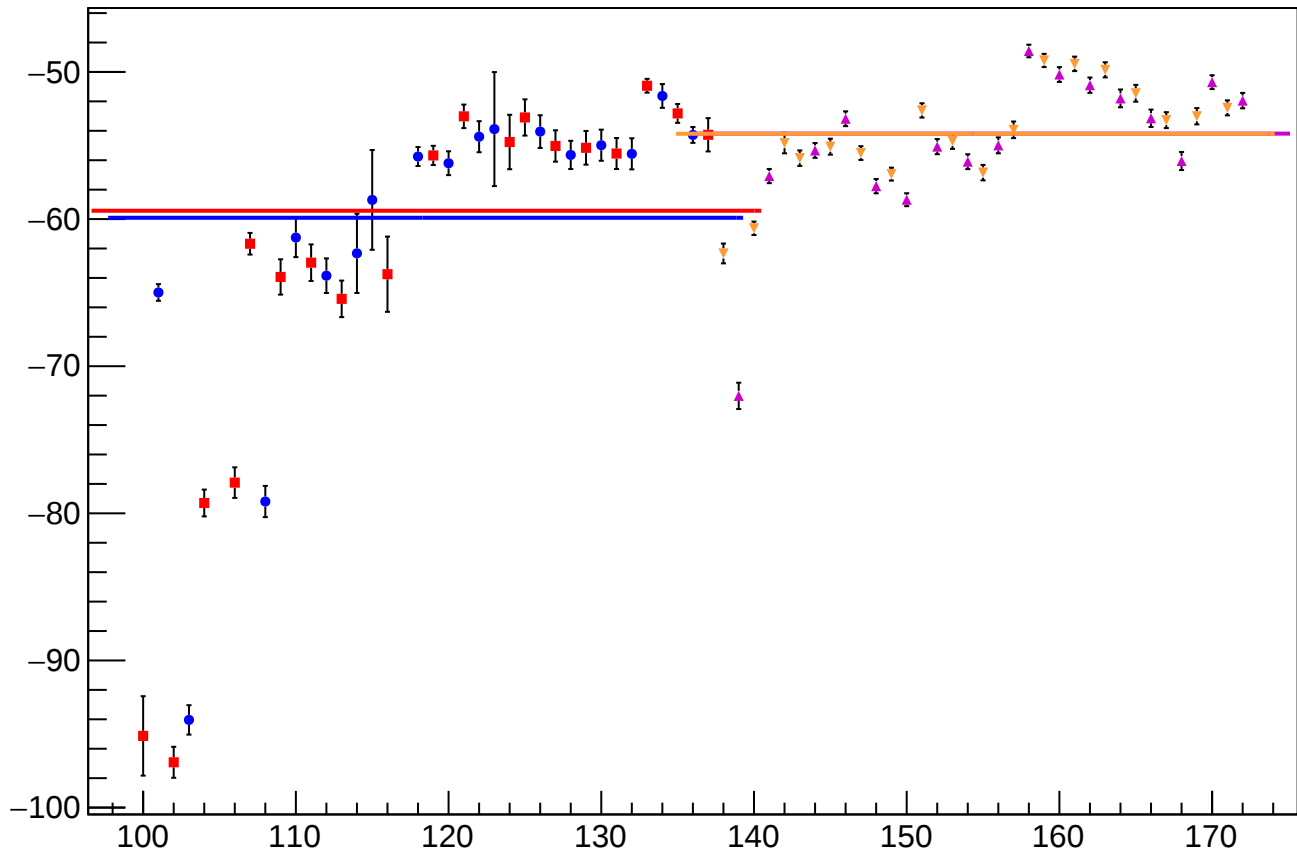
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16

Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17

All: -0.660 $\pm$ 0.117 χ^2 /NDF: 892.5/34

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -54.196 ± 0.088 χ^2/NDF : 1765.7/34

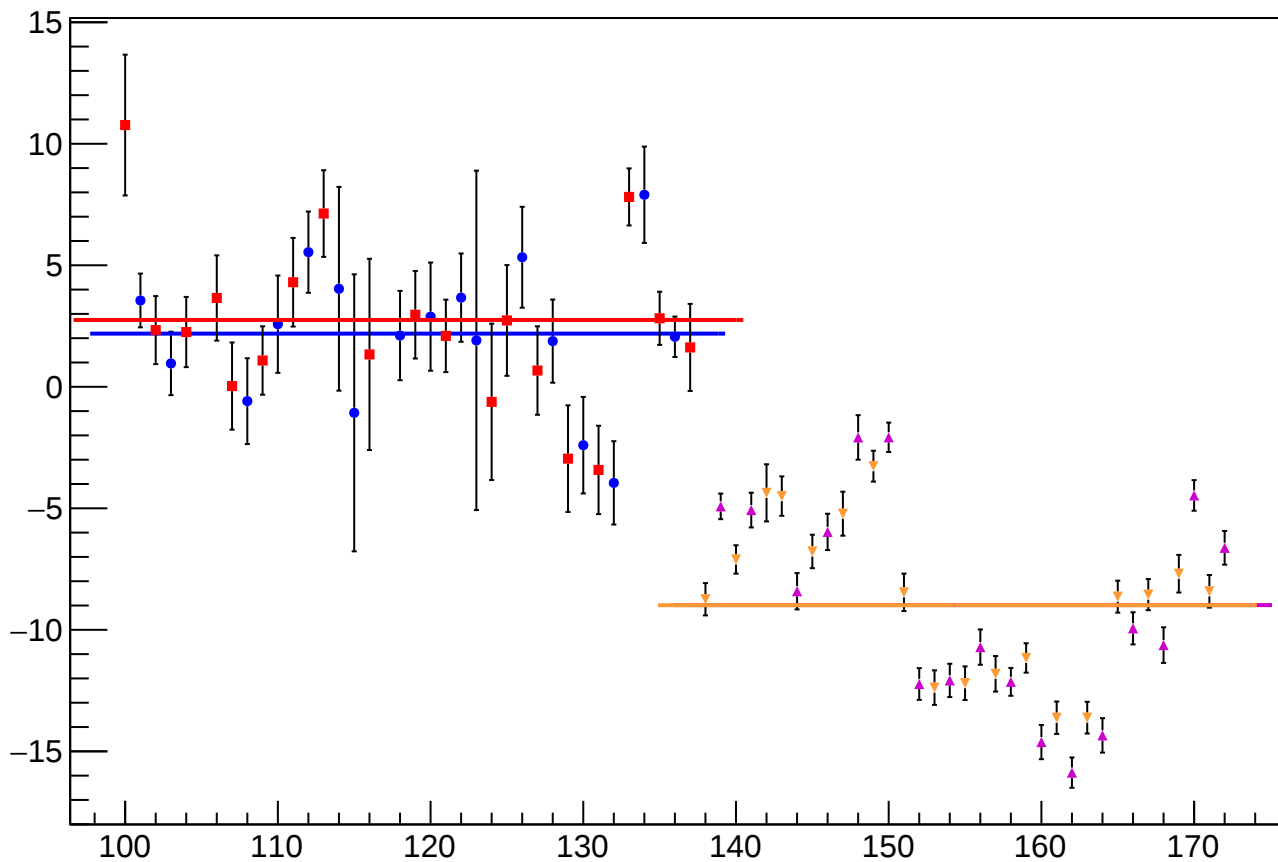
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.567 ± 0.109 χ^2/NDF : 3474.9/33

Out: -55.511 ± 0.106 χ^2/NDF : 4147.1/36

All: -55.538 ± 0.076 χ^2/NDF : 7622.1/70

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.986 ± 0.165 $\chi^2/\text{NDF}: 340.6/17$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -8.983 ± 0.163 $\chi^2/\text{NDF}: 687.9/16$

Left: -8.985 ± 0.116 $\chi^2/\text{NDF}: 1028.5/34$

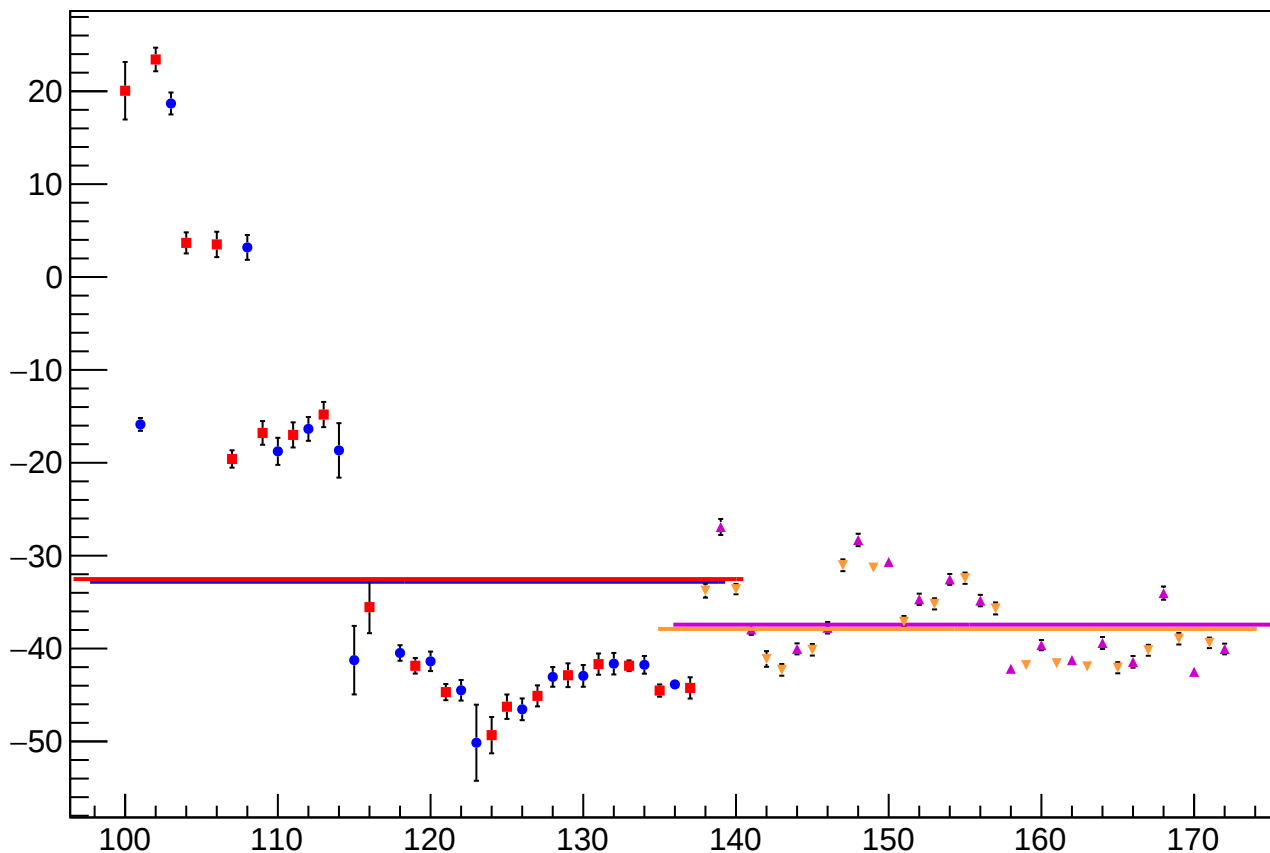
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -7.429 ± 0.151 $\chi^2/\text{NDF}: 1383.5/33$

Out: -7.189 ± 0.152 $\chi^2/\text{NDF}: 1176.7/36$

All: -7.309 ± 0.107 $\chi^2/\text{NDF}: 2561.4/70$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.890 ± 0.140 $\chi^2/\text{NDF}: 800.2/17$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.428 ± 0.142 $\chi^2/\text{NDF}: 1005.9/16$

Left: -37.662 ± 0.100 $\chi^2/\text{NDF}: 1811.5/34$

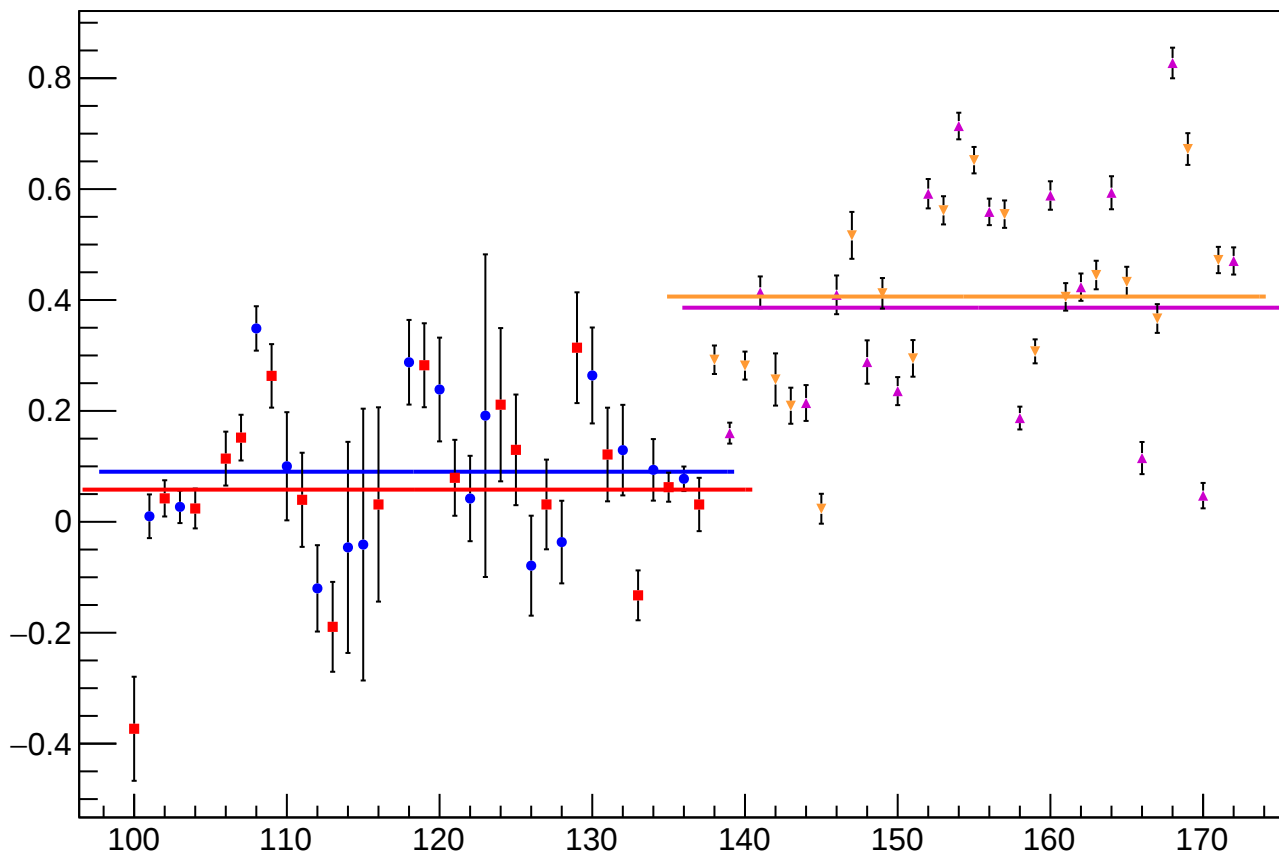
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.329 ± 0.124 $\chi^2/\text{NDF}: 5920.5/33$

Out: -36.558 ± 0.121 $\chi^2/\text{NDF}: 7205.4/36$

All: -36.446 ± 0.087 $\chi^2/\text{NDF}: 13127.6/70$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.406 ± 0.006 $\chi^2/\text{NDF}: 610.8/17$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.386 ± 0.006 $\chi^2/\text{NDF}: 1294.0/16$

Left: 0.396 ± 0.004 $\chi^2/\text{NDF}: 1909.9/34$

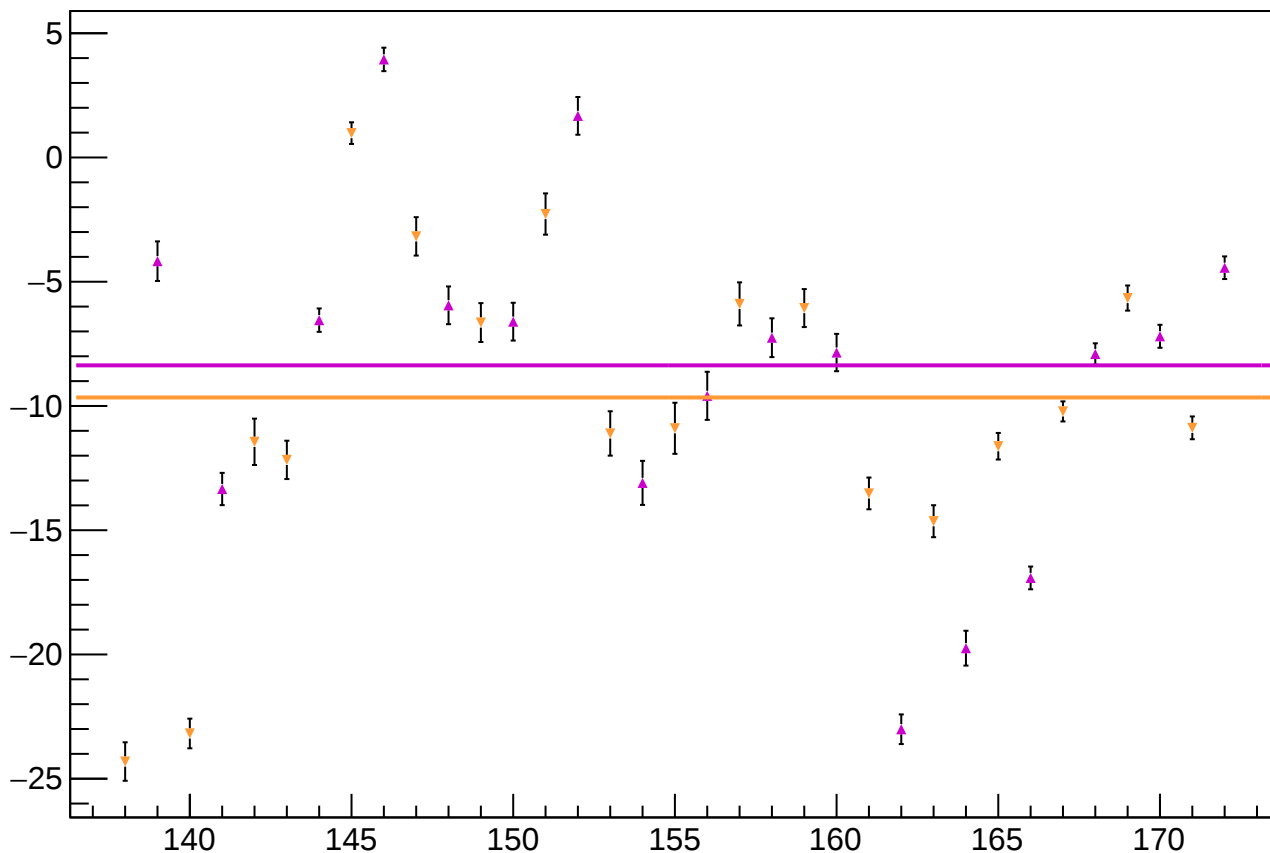
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.329 ± 0.006 $\chi^2/\text{NDF}: 1808.8/33$

Out: 0.331 ± 0.006 $\chi^2/\text{NDF}: 1343.2/36$

All: 0.330 ± 0.004 $\chi^2/\text{NDF}: 3152.1/70$

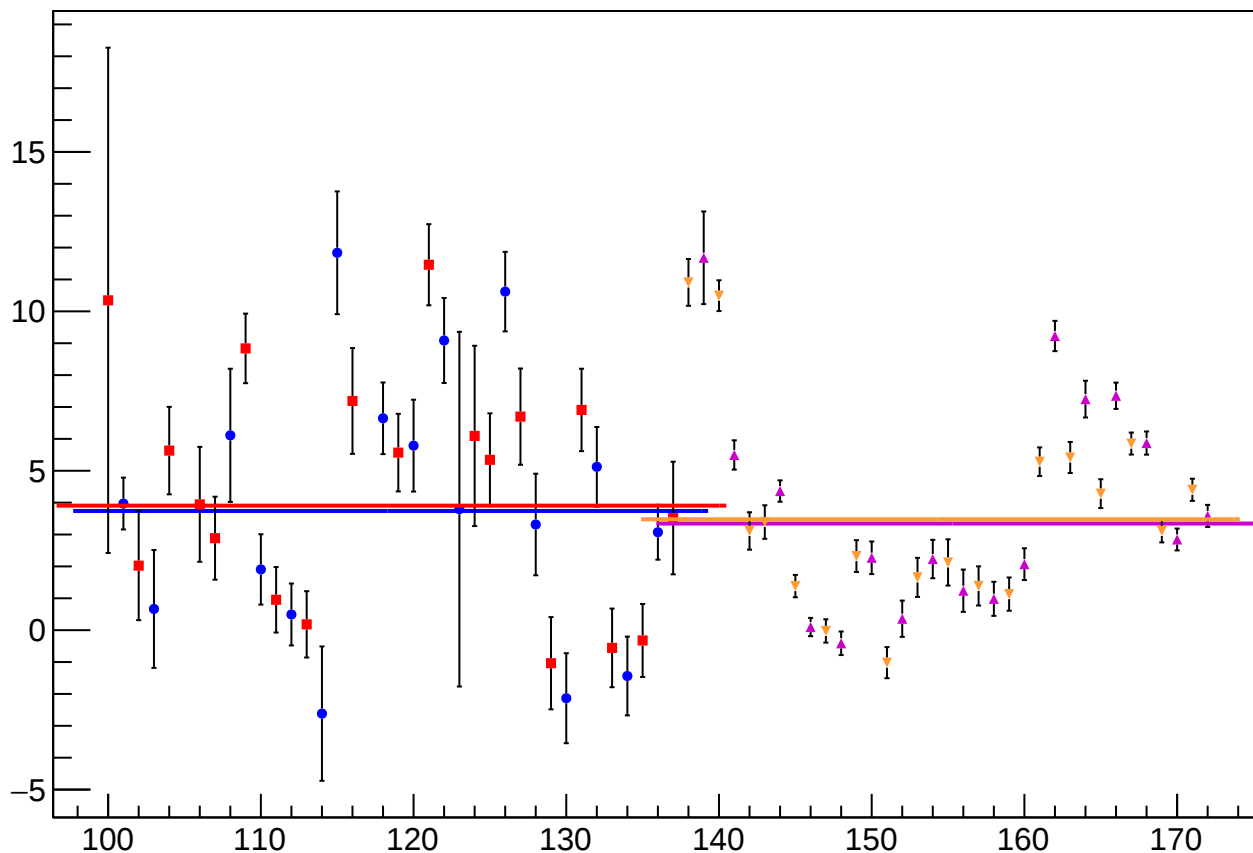
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.658 ± 0.148 $\chi^2/\text{NDF}: 1871.6/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.366 ± 0.144 $\chi^2/\text{NDF}: 2300.1/16$

Left: -8.993 ± 0.103 $\chi^2/\text{NDF}: 4210.9/34$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -8.366 ± 0.144 $\chi^2/\text{NDF}: 2300.1/16$
 Out: -9.658 ± 0.148 $\chi^2/\text{NDF}: 1871.6/17$
 All: -8.993 ± 0.103 $\chi^2/\text{NDF}: 4210.9/34$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 3.478 ± 0.108 $\chi^2/\text{NDF}: 666.4/17$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 3.344 ± 0.105 $\chi^2/\text{NDF}: 711.9/16$

Left: 3.409 ± 0.075 $\chi^2/\text{NDF}: 1379.2/34$

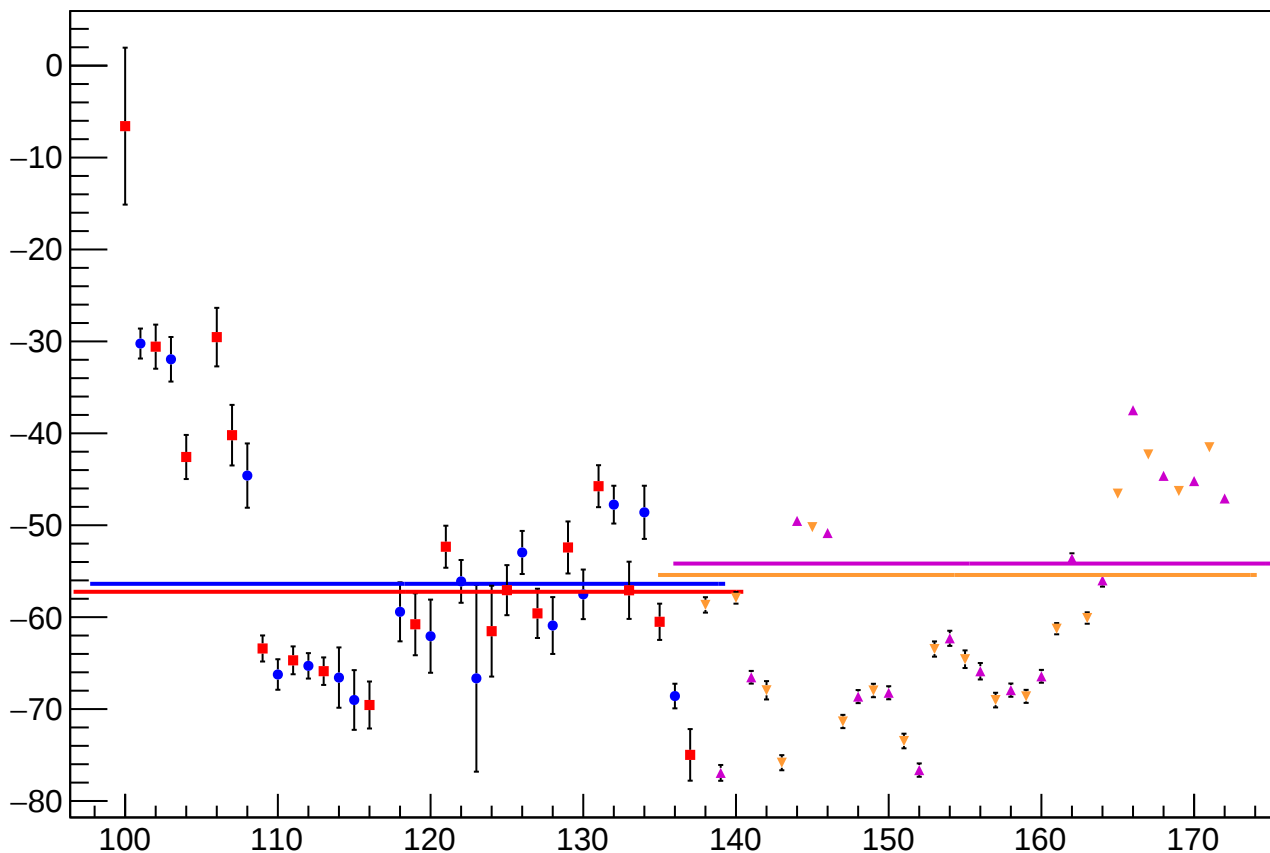
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 3.385 ± 0.099 $\chi^2/\text{NDF}: 850.3/33$

Out: 3.523 ± 0.102 $\chi^2/\text{NDF}: 803.6/36$

All: 3.452 ± 0.071 $\chi^2/\text{NDF}: 1654.8/70$

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: -55.411 ± 0.148 χ^2/NDF : 5718.1/17

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -54.170 ± 0.143 χ^2/NDF : 6237.7/16

Left: -54.769 ± 0.103 χ^2/NDF : 11992.3/34

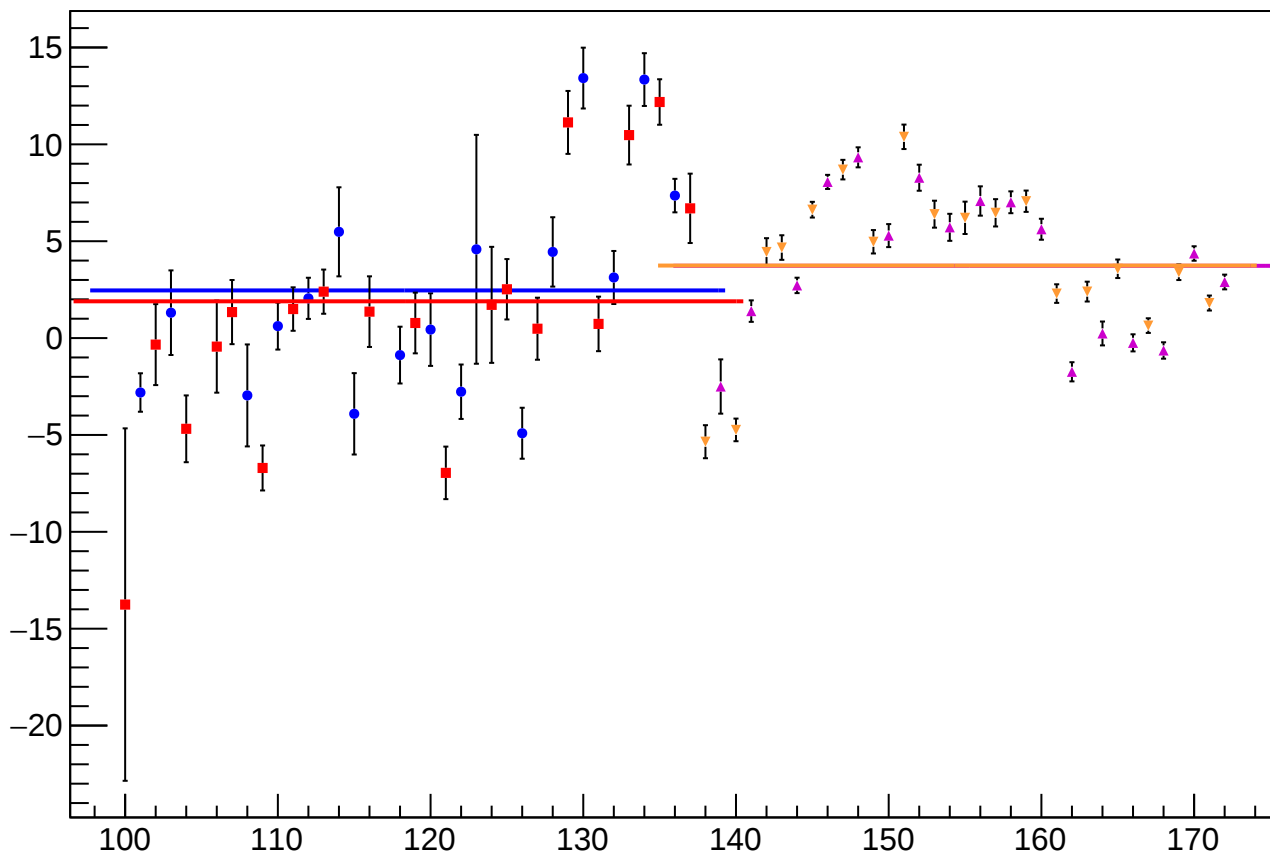
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -54.312 ± 0.138 χ^2/NDF : 6840.7/33

Out: -55.540 ± 0.142 χ^2/NDF : 6205.3/36

All: -54.907 ± 0.099 χ^2/NDF : 13084.3/70

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 3.743 ± 0.124 χ^2/NDF : 772.8/17

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 3.730 ± 0.121 χ^2/NDF : 778.8/16

Left: 3.737 ± 0.087 χ^2/NDF : 1551.6/34

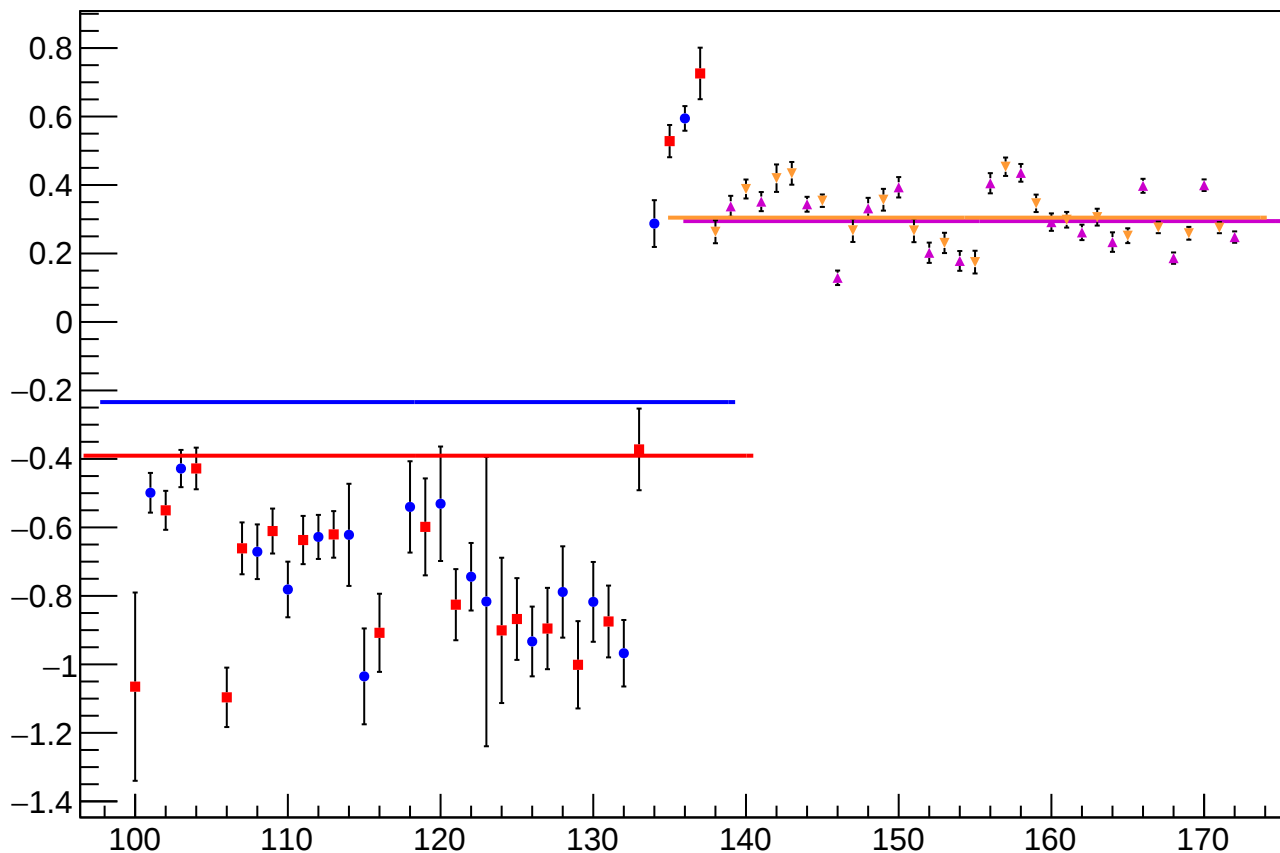
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 3.592 ± 0.114 χ^2/NDF : 1034.8/33

Out: 3.543 ± 0.117 χ^2/NDF : 1065.0/36

All: 3.568 ± 0.082 χ^2/NDF : 2099.8/70

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.305 ± 0.006 χ^2/NDF : 119.5/17

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.295 ± 0.006 χ^2/NDF : 275.8/16

Left: 0.300 ± 0.004 χ^2/NDF : 396.9/34

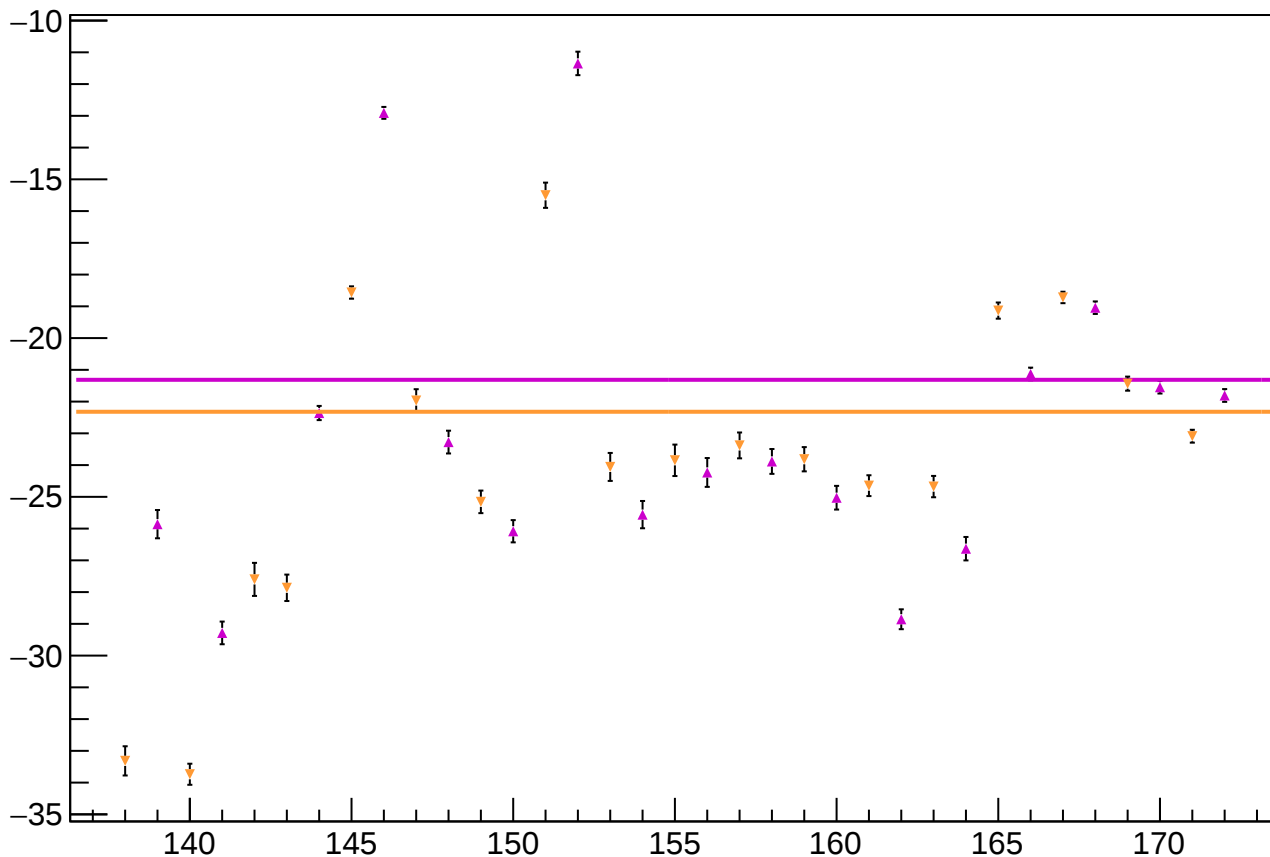
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.252 ± 0.005 χ^2/NDF : 1953.3/33

Out: 0.246 ± 0.005 χ^2/NDF : 2204.0/36

All: 0.249 ± 0.004 χ^2/NDF : 4157.8/70

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

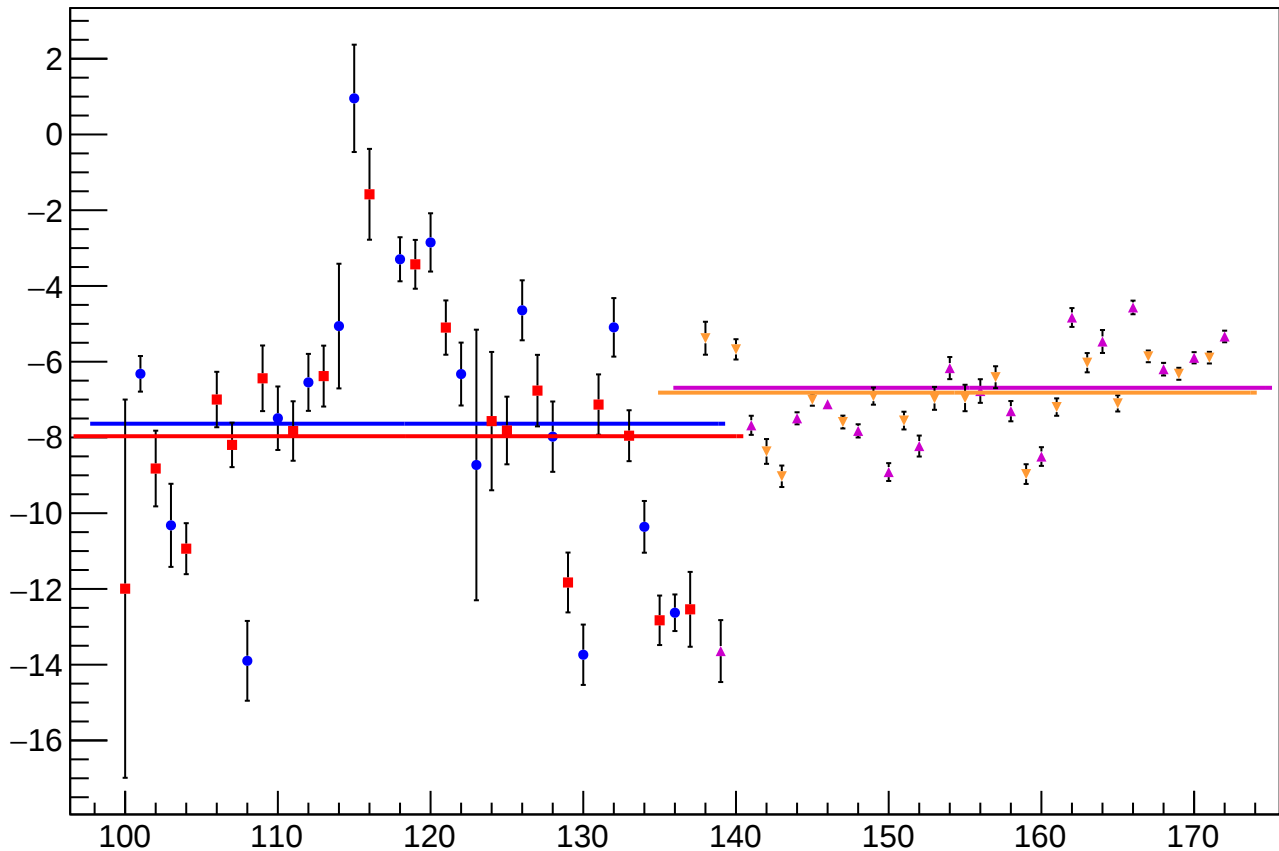


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.320+/-0.070 χ^2/NDF : 3496.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.314+/-0.066 χ^2/NDF : 4787.8/16

Left: -21.789+/-0.048 χ^2/NDF : 8392.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.314+/-0.066 χ^2/NDF : 4787.8/16
 Out: -22.320+/-0.070 χ^2/NDF : 3496.5/17

All: -21.789+/-0.048 χ^2/NDF : 8392.7/34

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.817 ± 0.051 χ^2/NDF : 313.9/17

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.689 ± 0.048 χ^2/NDF : 678.6/16

Left: -6.749 ± 0.035 χ^2/NDF : 995.8/34

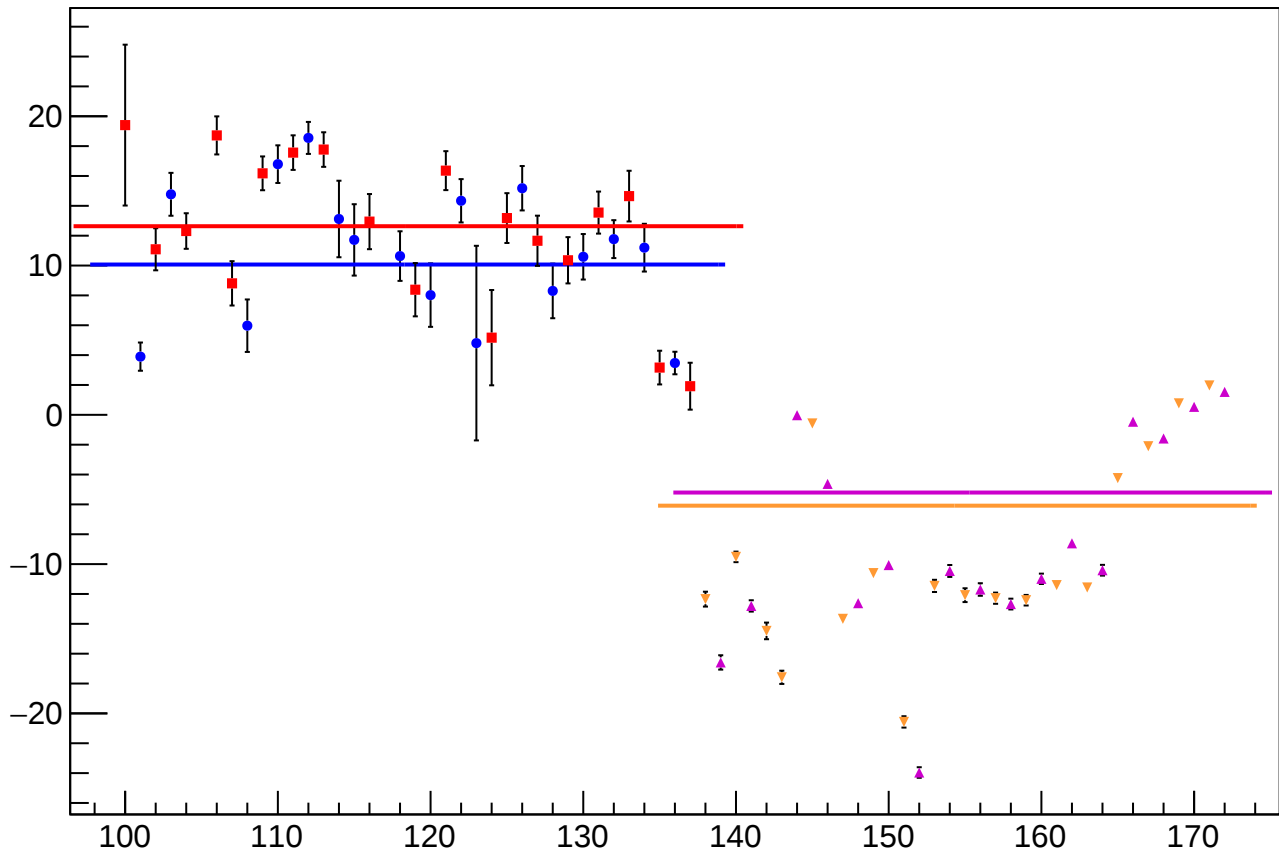
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.749 ± 0.047 χ^2/NDF : 1096.9/33

Out: -6.899 ± 0.050 χ^2/NDF : 576.8/36

All: -6.819 ± 0.034 χ^2/NDF : 1678.5/70

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -6.085 ± 0.070 $\chi^2/\text{NDF}: 8552.1/17$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.206 ± 0.066 $\chi^2/\text{NDF}: 9169.0/16$

Left: -5.619 ± 0.048 $\chi^2/\text{NDF}: 17804.6/34$

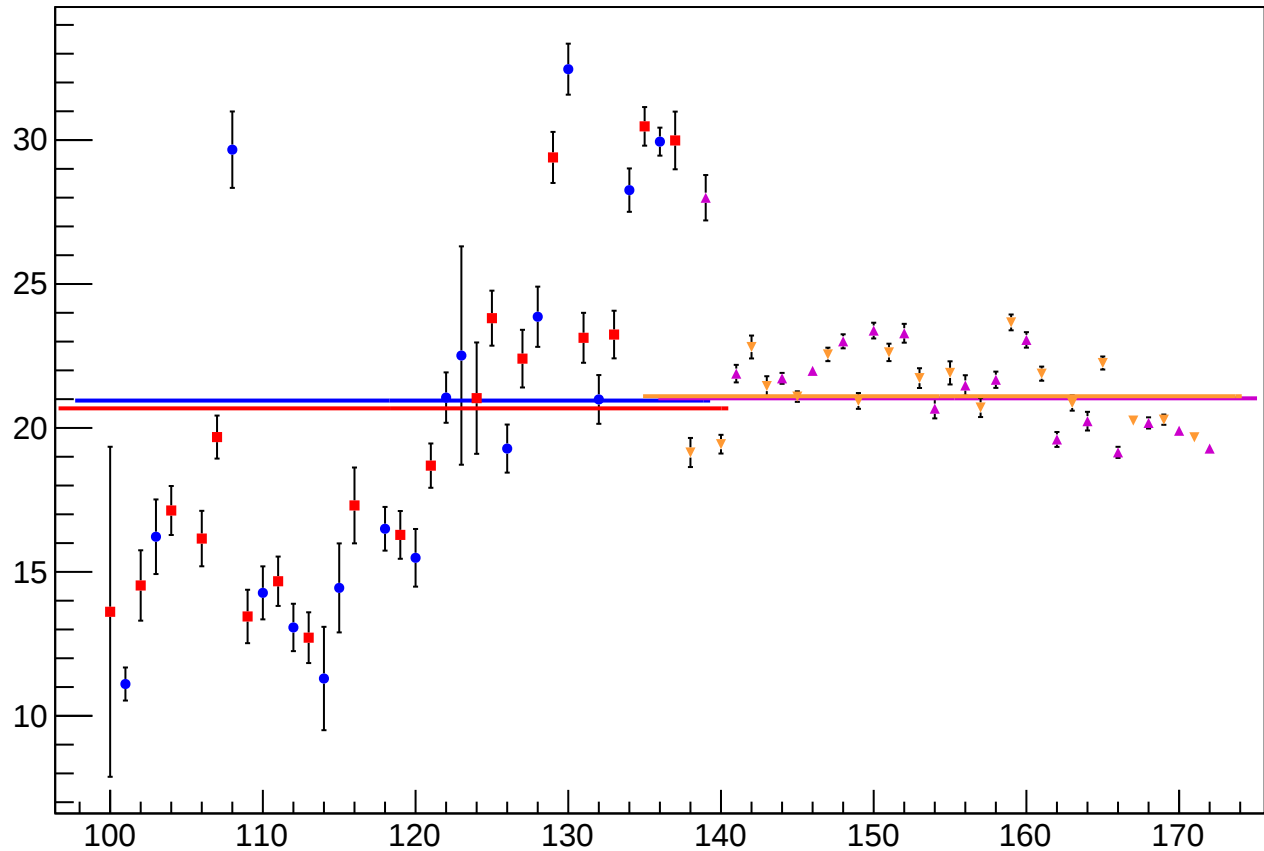
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -4.644 ± 0.065 $\chi^2/\text{NDF}: 11396.3/33$

Out: -5.289 ± 0.069 $\chi^2/\text{NDF}: 11808.1/36$

All: -4.948 ± 0.047 $\chi^2/\text{NDF}: 23251.2/70$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.102 $\pm$ 0.059 χ^2 /NDF:373.6/17

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.029 $\pm$ 0.056 χ^2 /NDF:700.1/16

Left: 21.063 $\pm$ 0.041 χ^2 /NDF: 1074.6/34

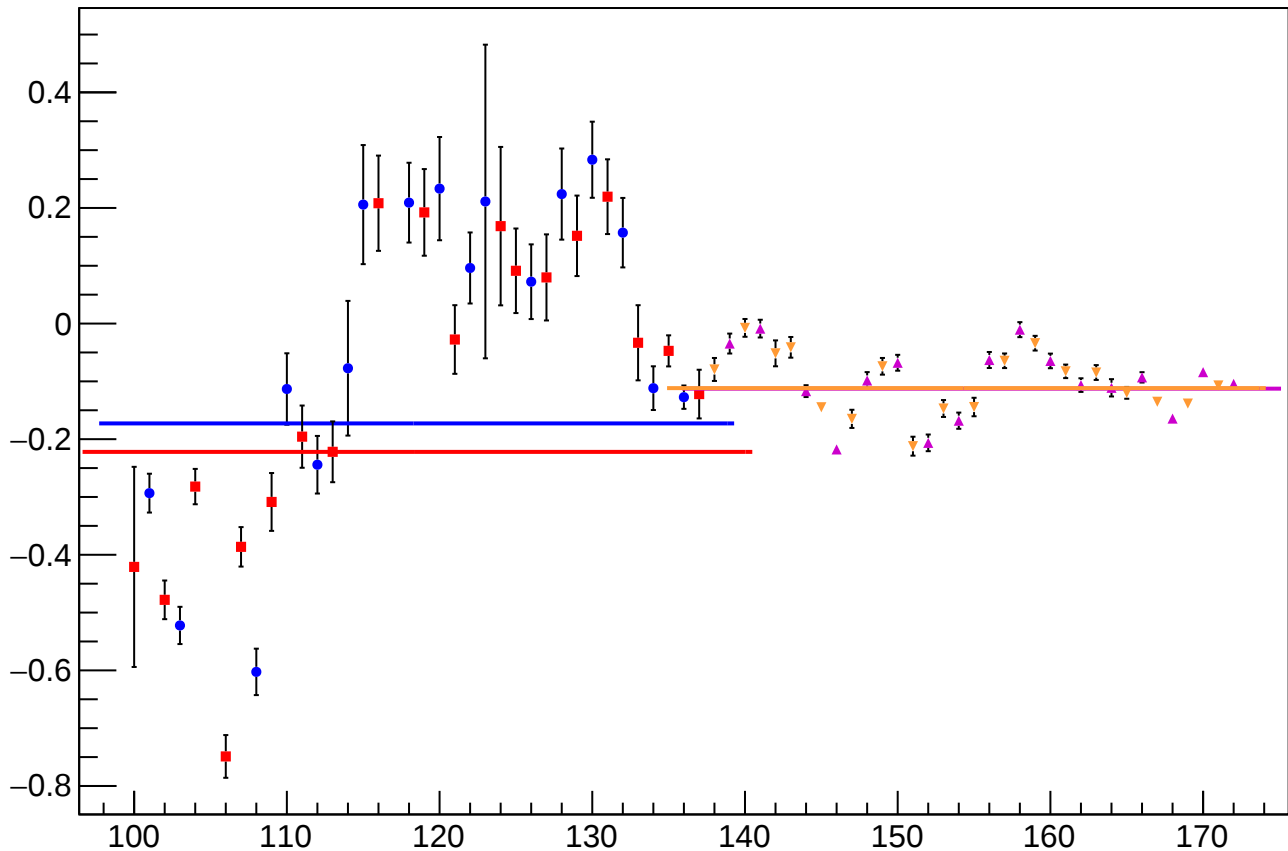
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.024 $\pm$ 0.054 χ^2 /NDF:1923.0/33

Out: 21.072 $\pm$ 0.057 χ^2 /NDF:1105.7/36

All: 21.047 $\pm$ 0.039 χ^2 /NDF: 3029.1/70

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.112 ± 0.003 χ^2/NDF : 237.5/17

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.003 χ^2/NDF : 448.7/16

Left: -0.112 ± 0.002 χ^2/NDF : 686.2/34

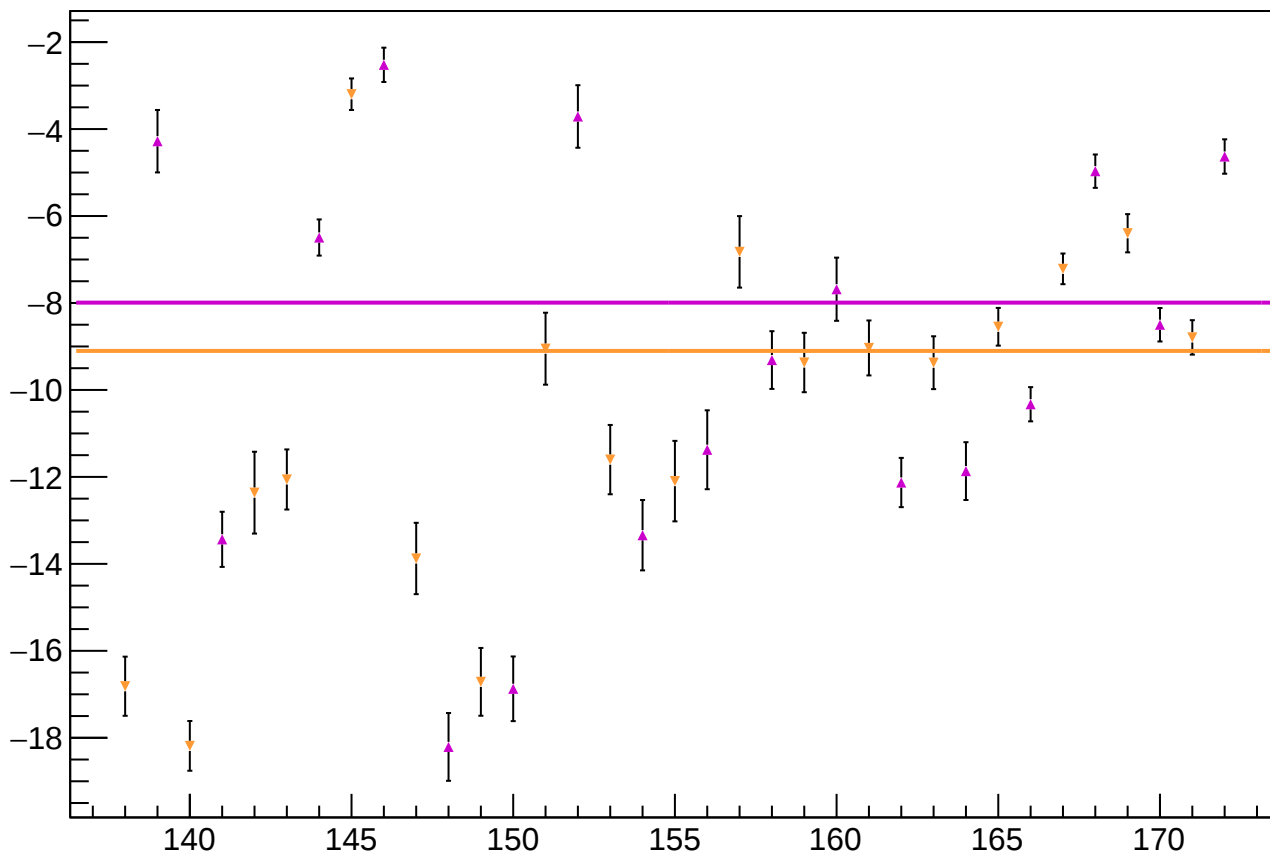
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.116 ± 0.003 χ^2/NDF : 936.4/33

Out: -0.118 ± 0.003 χ^2/NDF : 869.6/36

All: -0.117 ± 0.002 χ^2/NDF : 1806.5/70

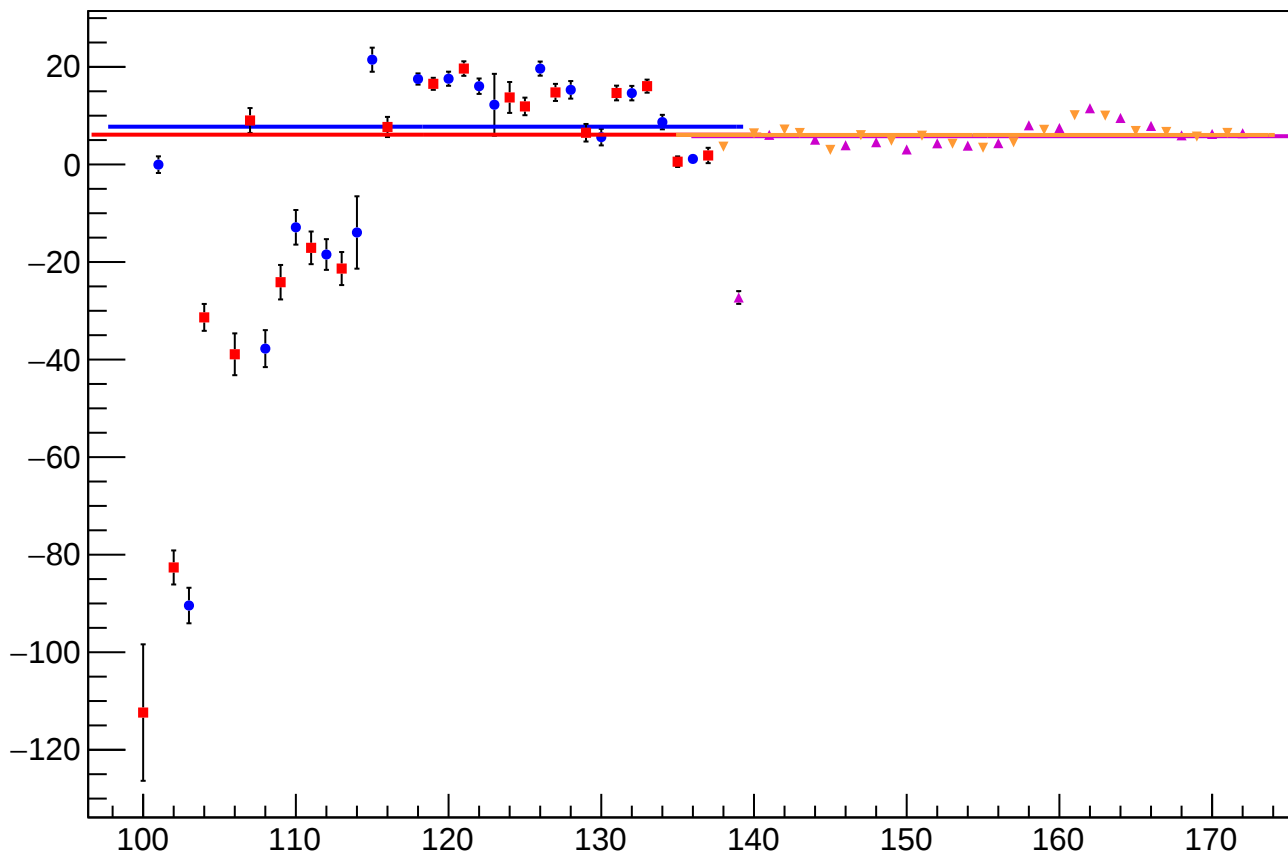
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.103+/-0.132 χ^2/NDF : 902.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.992+/-0.128 χ^2/NDF : 976.1/16

Left: -8.530+/-0.092 χ^2/NDF : 1914.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.992+/-0.128 χ^2/NDF : 976.1/16
 Out: -9.103+/-0.132 χ^2/NDF : 902.3/17
 All: -8.530+/-0.092 χ^2/NDF : 1914.7/34

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.047 ± 0.098 $\chi^2/\text{NDF}: 345.1/17$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 5.793 ± 0.095 $\chi^2/\text{NDF}: 1052.2/16$

Left: 5.916 ± 0.068 $\chi^2/\text{NDF}: 1400.8/34$

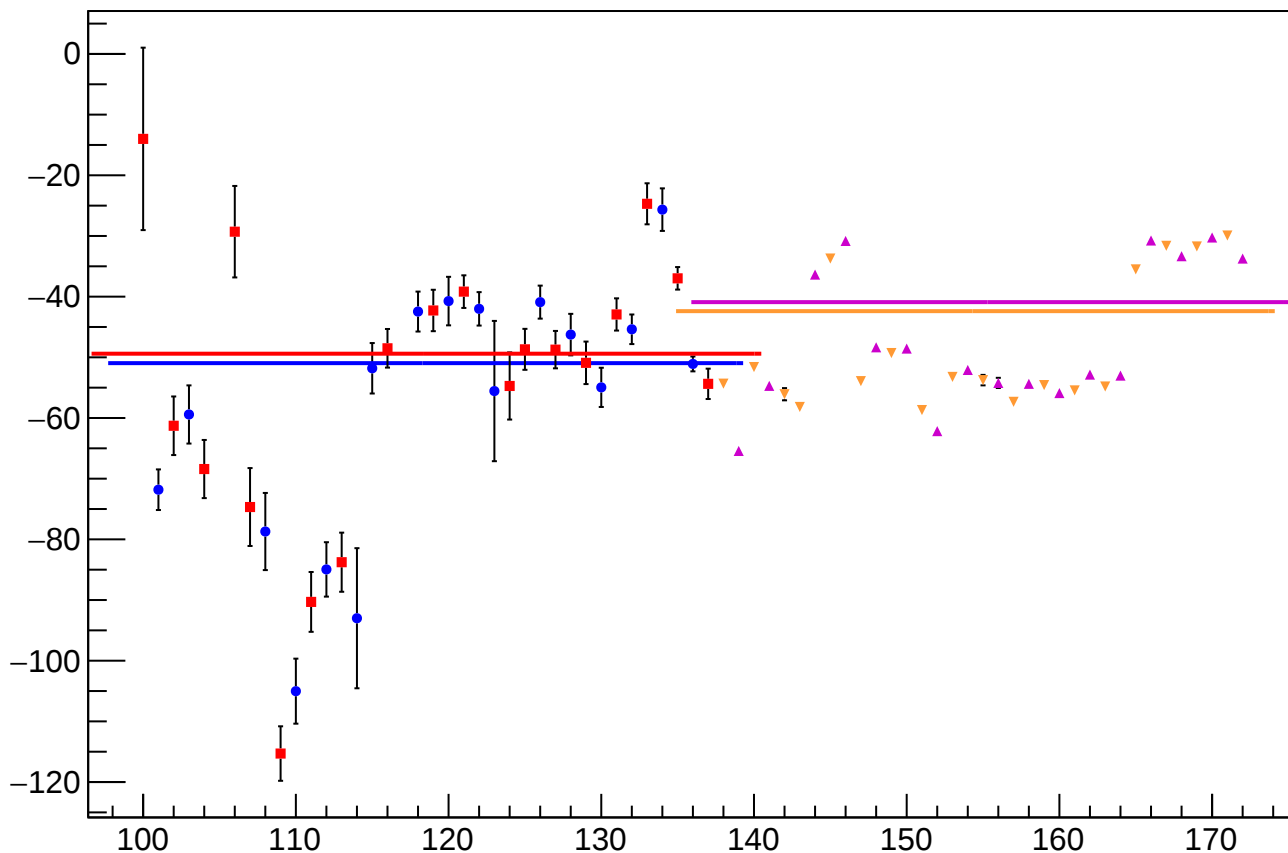
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 5.895 ± 0.092 $\chi^2/\text{NDF}: 2433.3/33$

Out: 6.050 ± 0.096 $\chi^2/\text{NDF}: 1862.8/36$

All: 5.970 ± 0.066 $\chi^2/\text{NDF}: 4297.5/70$

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: -42.390 ± 0.133 χ^2/NDF : 7153.5/17

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -40.904 ± 0.128 χ^2/NDF : 7786.0/16

Left: -41.618 ± 0.092 χ^2/NDF : 15004.6/34

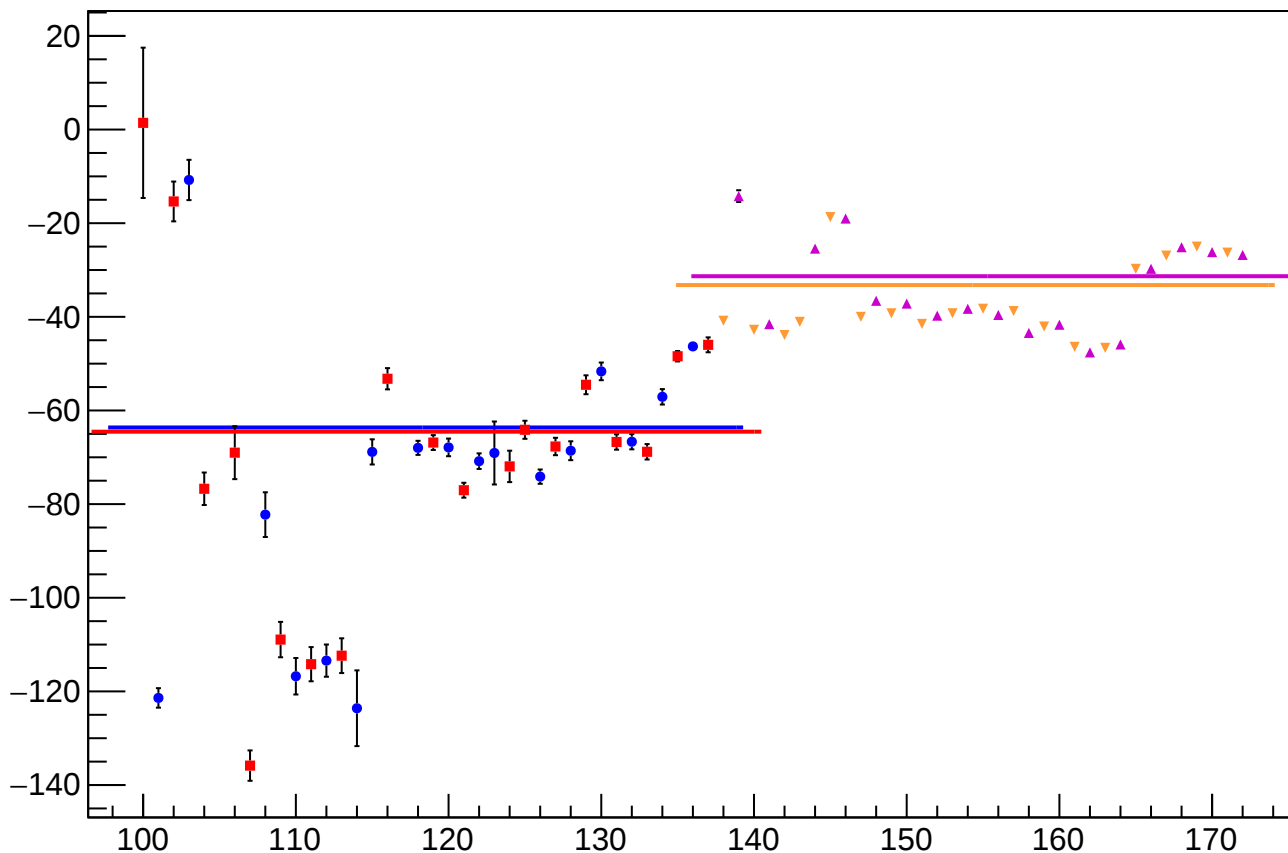
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -41.195 ± 0.126 χ^2/NDF : 8297.9/33

Out: -42.579 ± 0.131 χ^2/NDF : 7740.8/36

All: -41.860 ± 0.091 χ^2/NDF : 16096.8/70

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: -33.213 ± 0.112 χ^2/NDF : 6627.0/17

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.325 ± 0.109 χ^2/NDF : 6581.9/16

Left: -32.243 ± 0.078 χ^2/NDF : 13355.5/34

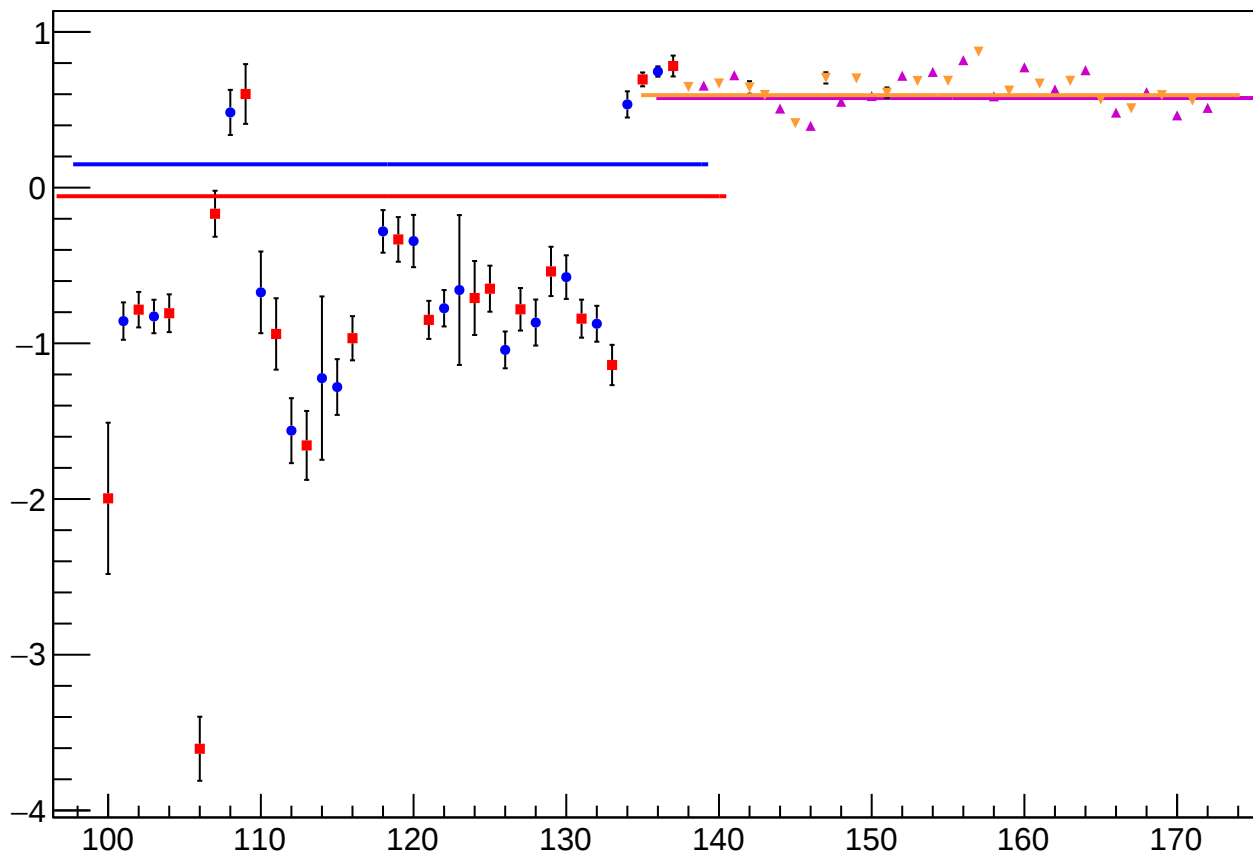
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.139 ± 0.106 χ^2/NDF : 13548.8/33

Out: -34.809 ± 0.109 χ^2/NDF : 12245.5/36

All: -33.950 ± 0.076 χ^2/NDF : 25915.6/70

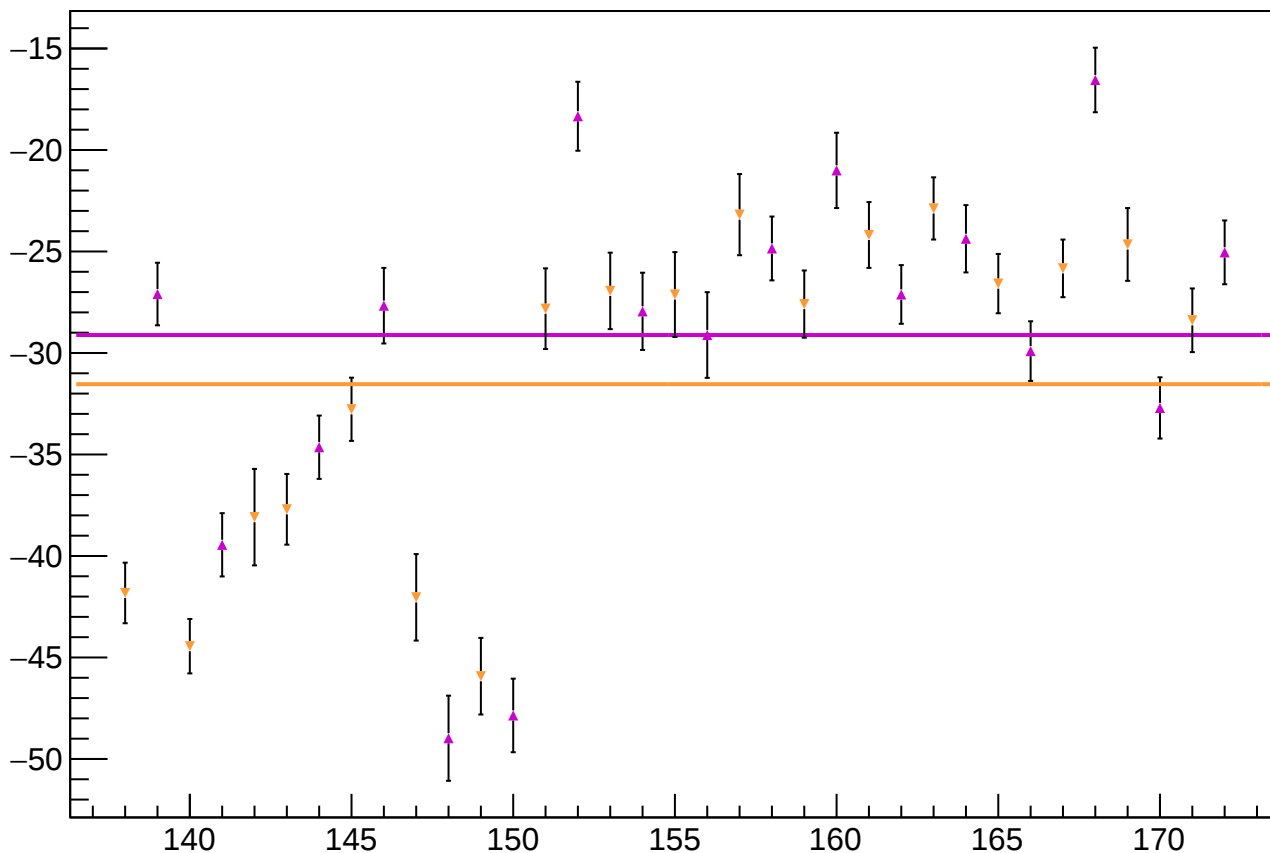
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.594 ± 0.005 $\chi^2/\text{NDF}: 386.4/17$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.575 ± 0.005 $\chi^2/\text{NDF}: 525.1/16$

Left: 0.584 ± 0.004 $\chi^2/\text{NDF}: 918.0/34$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.558 ± 0.005 $\chi^2/\text{NDF}: 1816.0/33$
 Out: 0.570 ± 0.005 $\chi^2/\text{NDF}: 2147.6/36$
 All: 0.563 ± 0.004 $\chi^2/\text{NDF}: 3966.6/70$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.538+/-0.399 χ^2/NDF : 379.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.115+/-0.403 χ^2/NDF : 407.7/16

Left: -30.340+/-0.283 χ^2/NDF : 805.2/34

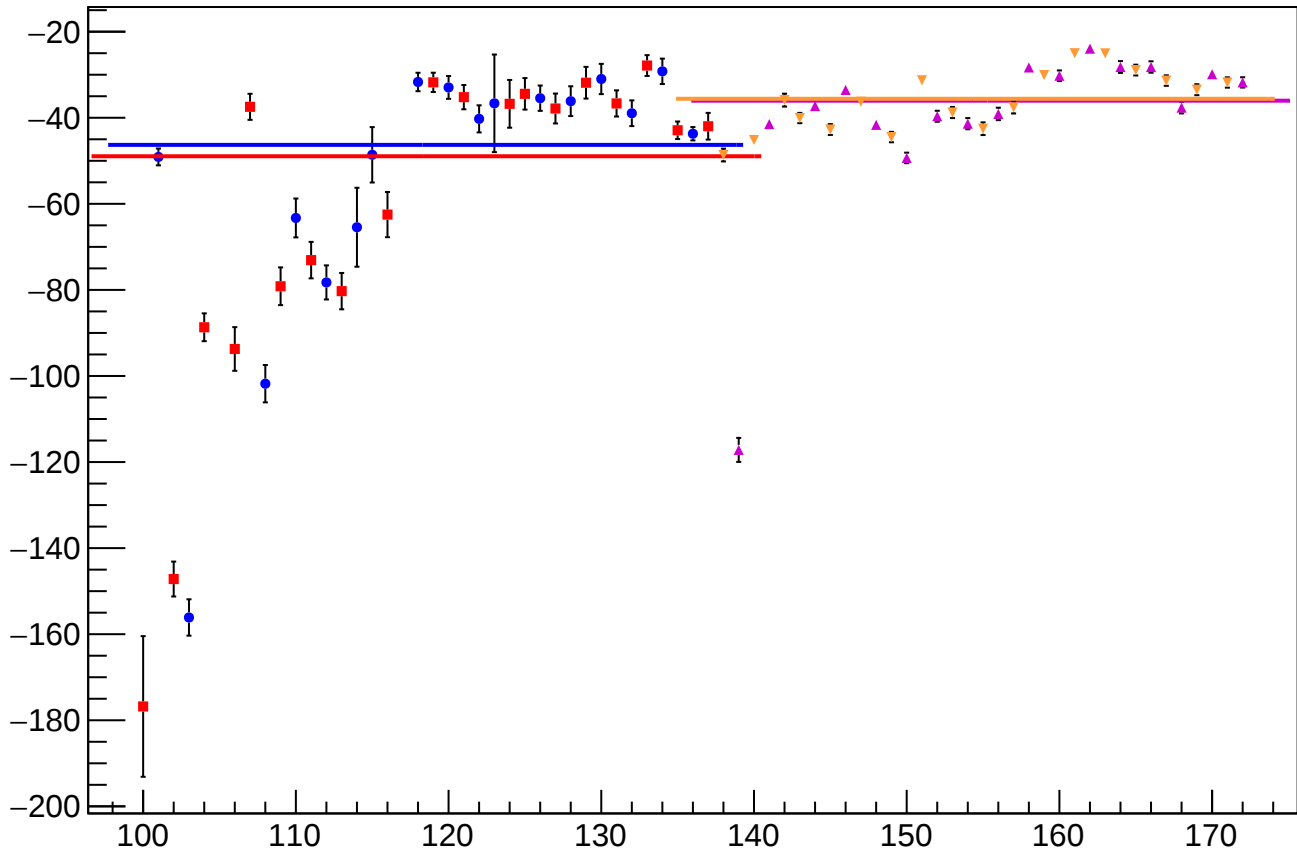
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.115+/-0.403 χ^2/NDF : 407.7/16

Out: -31.538+/-0.399 χ^2/NDF : 379.2/17

All: -30.340+/-0.283 χ^2/NDF : 805.2/34

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -35.590 ± 0.290 $\chi^2/\text{NDF}: 543.5/17$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.033 ± 0.299 $\chi^2/\text{NDF}: 1345.8/16$

Left: -35.805 ± 0.208 $\chi^2/\text{NDF}: 1890.4/34$

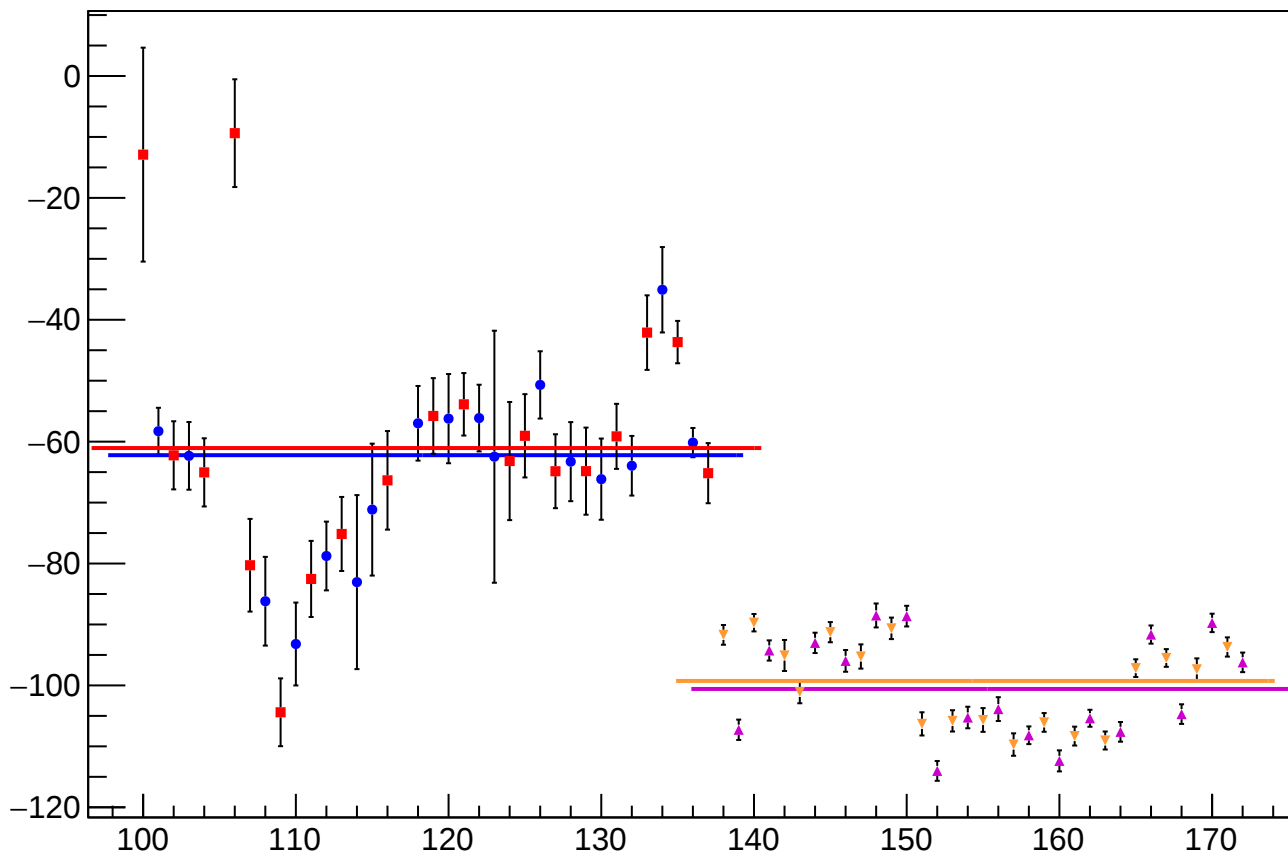
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -37.527 ± 0.276 $\chi^2/\text{NDF}: 2601.9/33$

Out: -37.277 ± 0.271 $\chi^2/\text{NDF}: 2085.2/36$

All: -37.399 ± 0.193 $\chi^2/\text{NDF}: 4687.4/70$

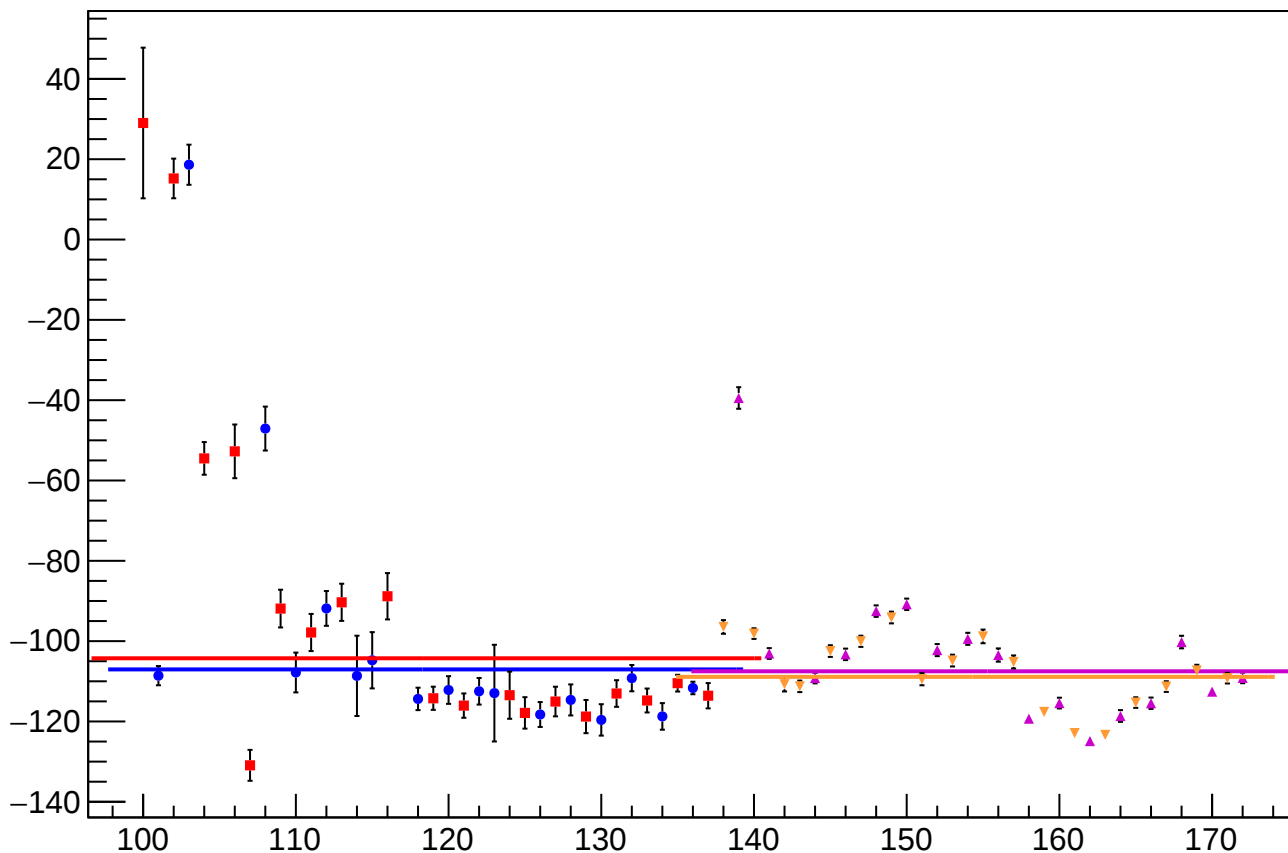
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -99.263 ± 0.396 $\chi^2/\text{NDF}: 312.2/17$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -100.582 ± 0.397 $\chi^2/\text{NDF}: 429.8/16$

Left: -99.920 ± 0.280 $\chi^2/\text{NDF}: 747.5/34$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -97.357 ± 0.380 $\chi^2/\text{NDF}: 1280.5/33$
 Out: -96.350 ± 0.381 $\chi^2/\text{NDF}: 1188.0/36$
 All: -96.854 ± 0.269 $\chi^2/\text{NDF}: 2472.0/70$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.892 ± 0.333 χ^2/NDF : 686.8/17

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -107.509 ± 0.340 χ^2/NDF : 1437.0/16

Left: -108.215 ± 0.238 χ^2/NDF : 2132.3/34

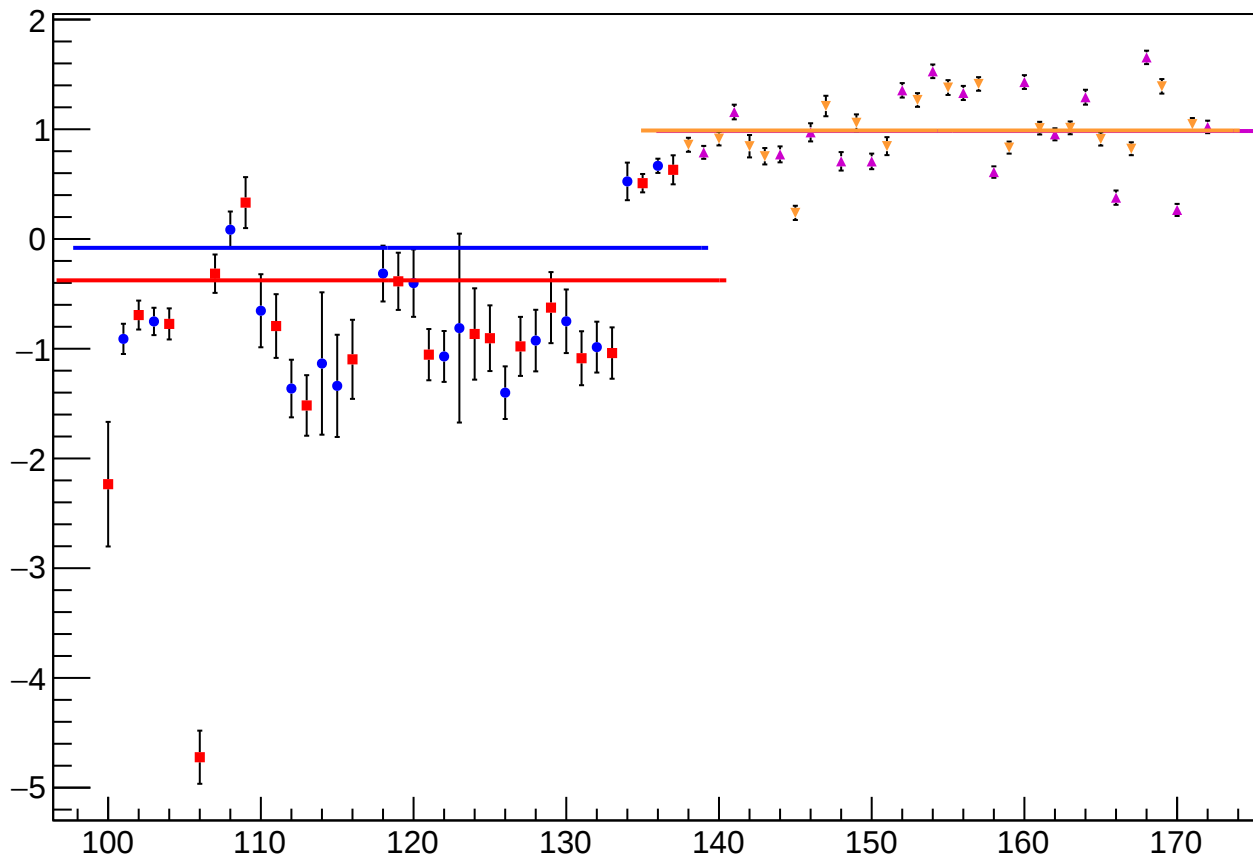
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -107.439 ± 0.314 χ^2/NDF : 2265.1/33

Out: -108.289 ± 0.311 χ^2/NDF : 1730.0/36

All: -107.868 ± 0.221 χ^2/NDF : 3998.9/70

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.989 ± 0.015 χ^2/NDF : 316.8/17

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.984 ± 0.015 χ^2/NDF : 689.5/16

Left: 0.986 ± 0.011 χ^2/NDF : 1006.4/34

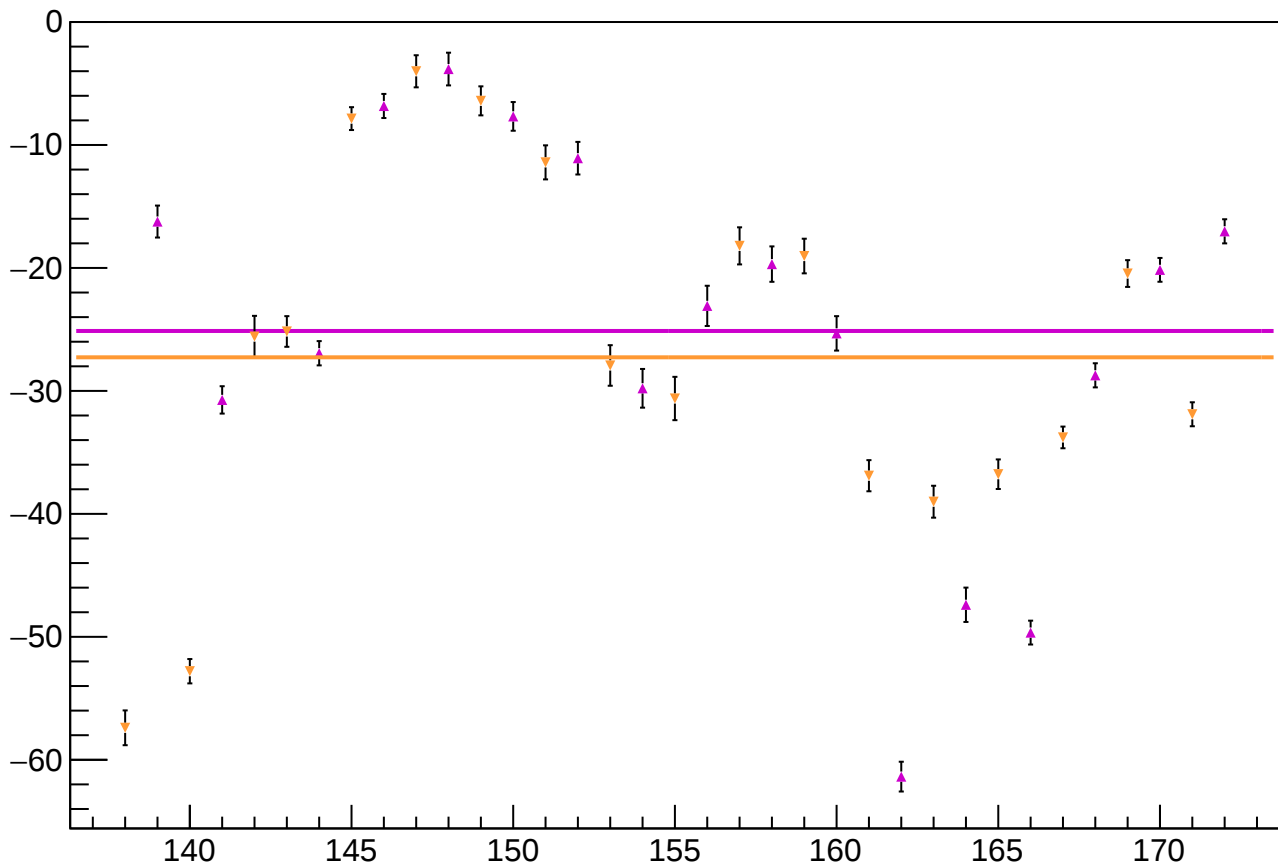
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.859 ± 0.014 χ^2/NDF : 1580.3/33

Out: 0.839 ± 0.015 χ^2/NDF : 1763.0/36

All: 0.849 ± 0.010 χ^2/NDF : 3344.2/70

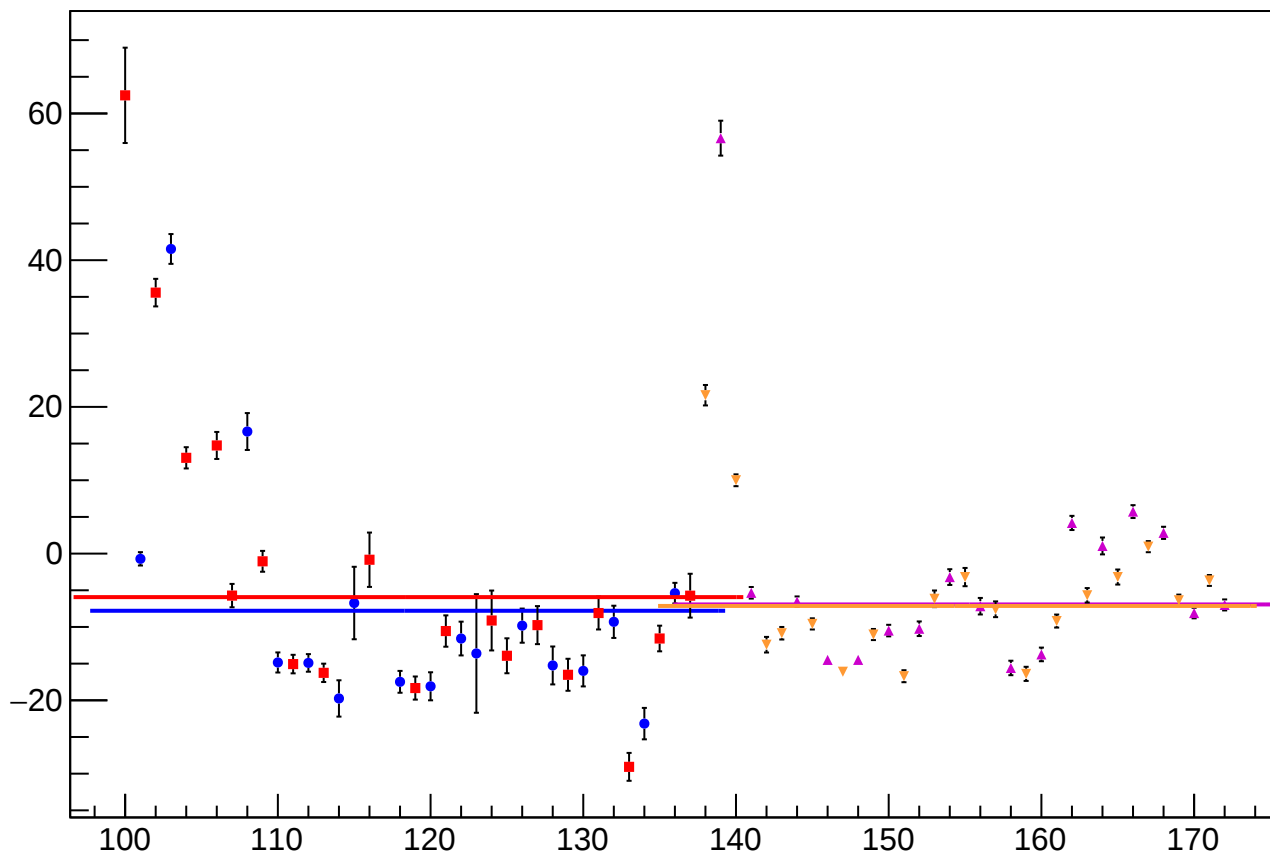
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.268+/-0.286 χ^2/NDF :2712.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.126+/-0.283 χ^2/NDF :2938.6/16

Left: -26.185+/-0.201 χ^2/NDF : 5678.9/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -25.126+/-0.283 χ^2/NDF :2938.6/16
 Out: -27.268+/-0.286 χ^2/NDF :2712.0/17
 All: -26.185+/-0.201 χ^2/NDF : 5678.9/34

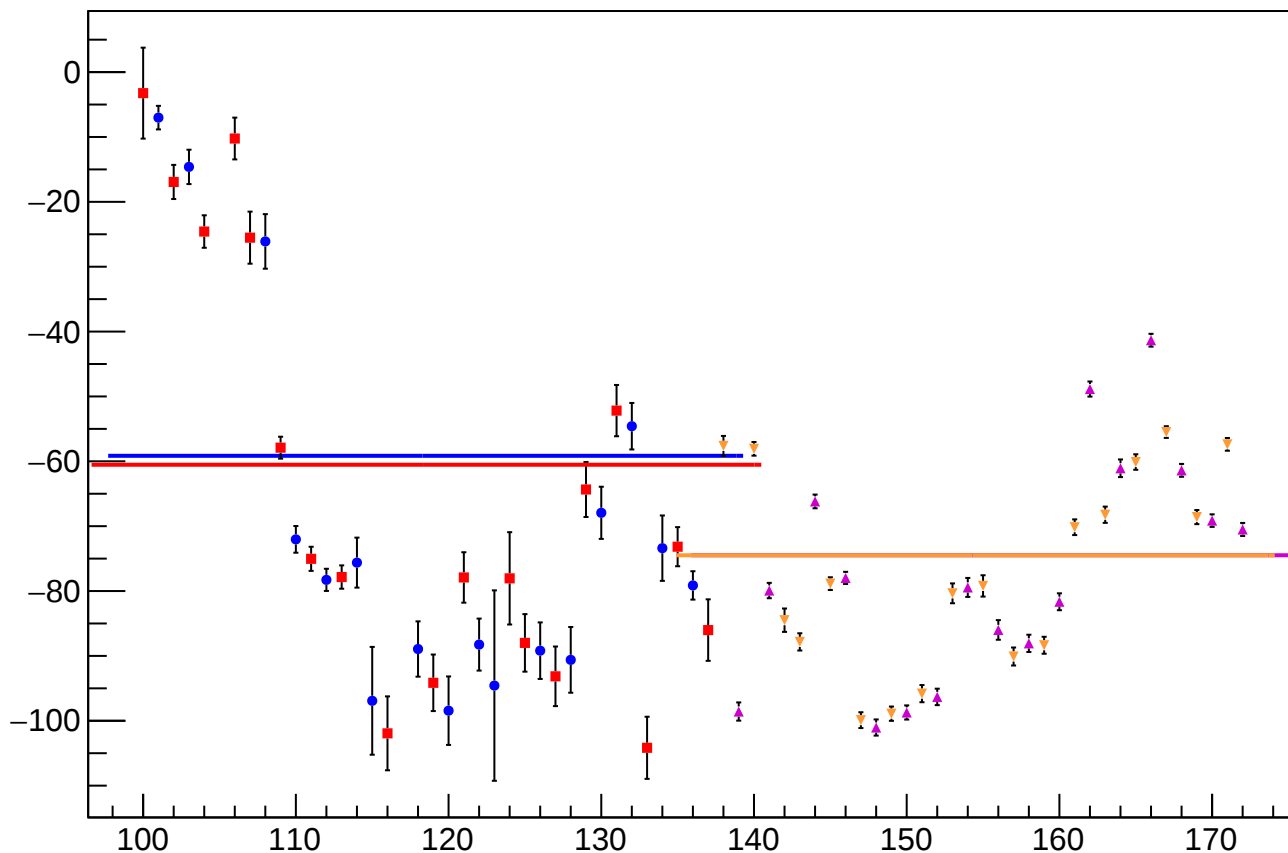
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -7.136 ± 0.206 $\chi^2/\text{NDF}: 1561.2/17$
 Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$
 Left In: -6.932 ± 0.206 $\chi^2/\text{NDF}: 1706.8/16$

Left: -7.034 ± 0.146 $\chi^2/\text{NDF}: 3268.5/34$
 Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$
 In: -7.094 ± 0.186 $\chi^2/\text{NDF}: 2692.8/33$
 Out: -6.911 ± 0.185 $\chi^2/\text{NDF}: 2861.9/36$
 All: -7.002 ± 0.131 $\chi^2/\text{NDF}: 5555.2/70$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -74.487 $\pm$ 0.285 χ^2 /NDF: 2919.1/17

Right Out: -60.530 $\pm$ 0.704 χ^2 /NDF: 1385.2/18

Left In: -74.483 $\pm$ 0.280 χ^2 /NDF: 3762.1/16

Left: -74.485 $\pm$ 0.200 χ^2 /NDF: 6681.2/34

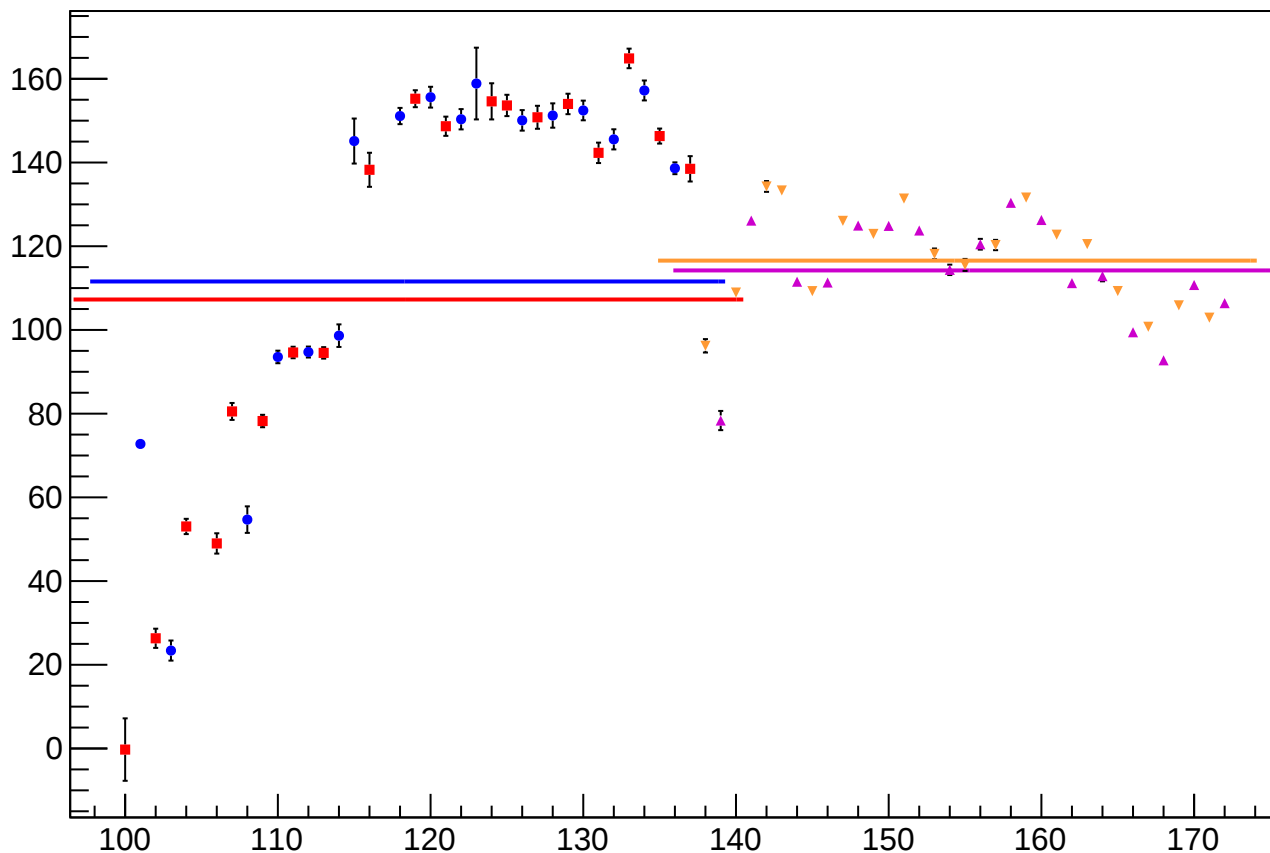
Right: -59.879 $\pm$ 0.512 χ^2 /NDF: 3105.4/35

In: -72.589 $\pm$ 0.262 χ^2 /NDF: 5851.4/33

Out: -72.524 $\pm$ 0.264 χ^2 /NDF: 4642.0/36

All: -72.557 $\pm$ 0.186 χ^2 /NDF: 10493.5/70

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.565 $\pm$ 0.238 χ^2 /NDF:2238.8/17

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 114.217 $\pm$ 0.238 χ^2 /NDF:2035.0/16

Left: 115.389 $\pm$ 0.168 χ^2 /NDF: 4322.4/34

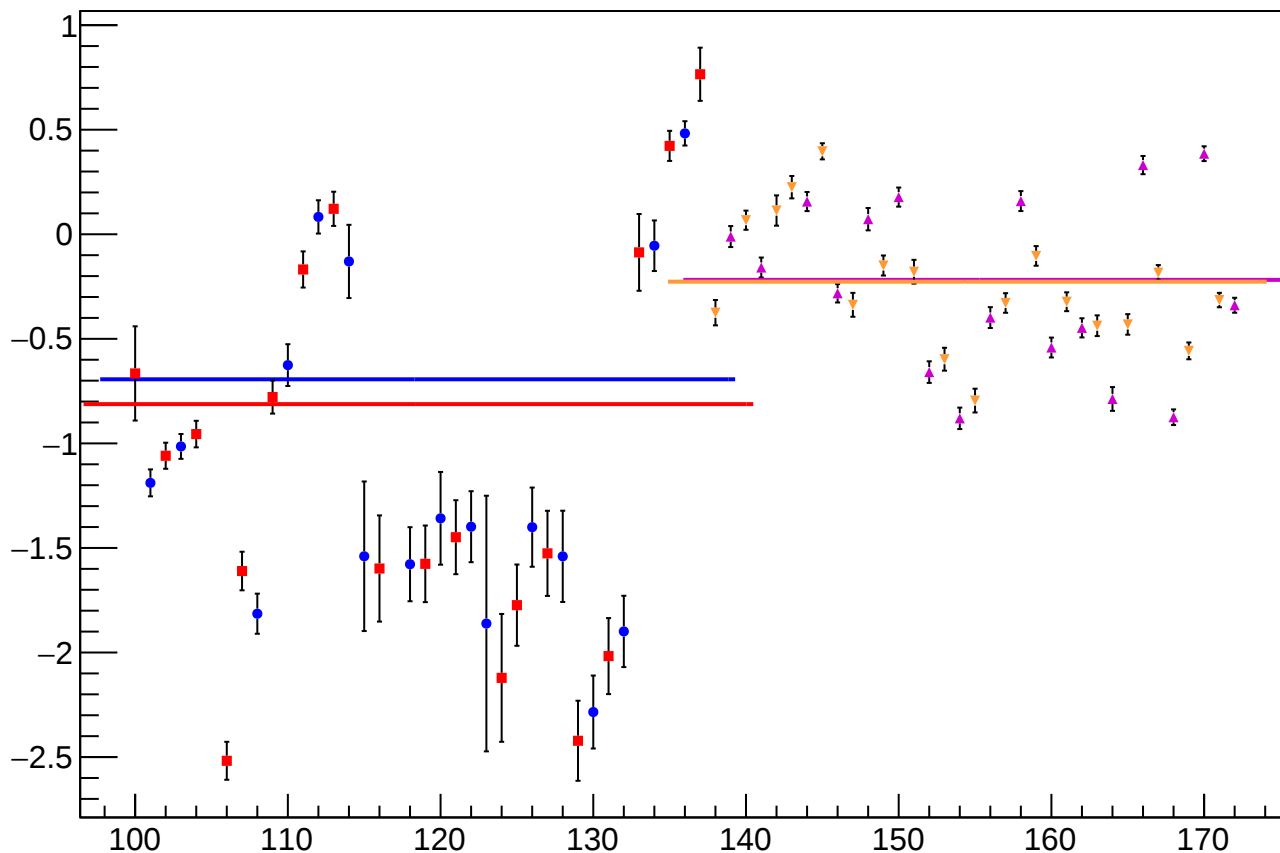
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 113.710 $\pm$ 0.214 χ^2 /NDF:8004.6/33

Out: 114.773 $\pm$ 0.214 χ^2 /NDF:9576.8/36

All: 114.241 $\pm$ 0.151 χ^2 /NDF: 17593.8/70

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.227 ± 0.011 χ^2/NDF : 681.6/17

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.218 ± 0.011 χ^2/NDF : 1448.7/16

Left: -0.222 ± 0.008 χ^2/NDF : 2130.6/34

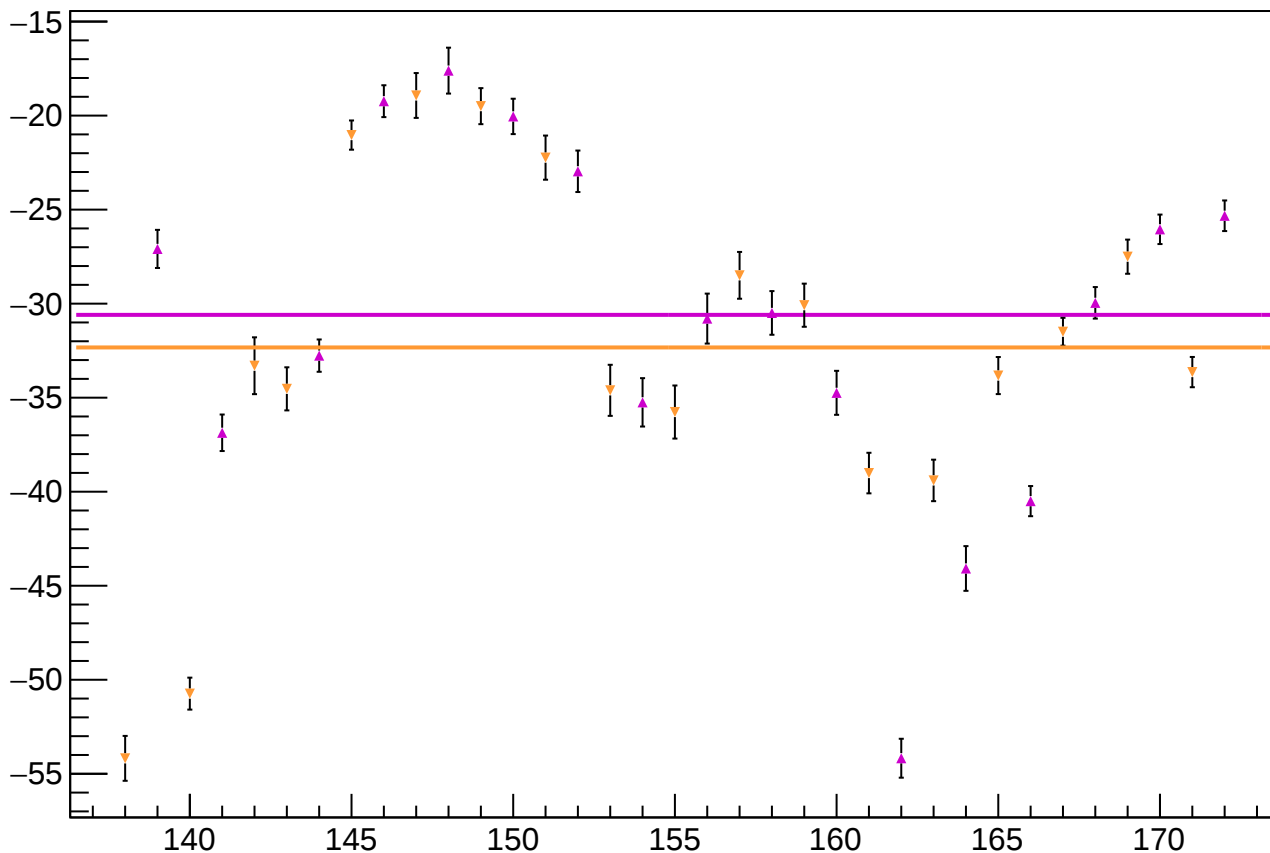
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.291 ± 0.010 χ^2/NDF : 2727.0/33

Out: -0.328 ± 0.010 χ^2/NDF : 2469.8/36

All: -0.309 ± 0.007 χ^2/NDF : 5203.4/70

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.329+/-0.241 χ^2/NDF :1535.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Left: -31.448+/-0.169 χ^2/NDF : 2990.8/34

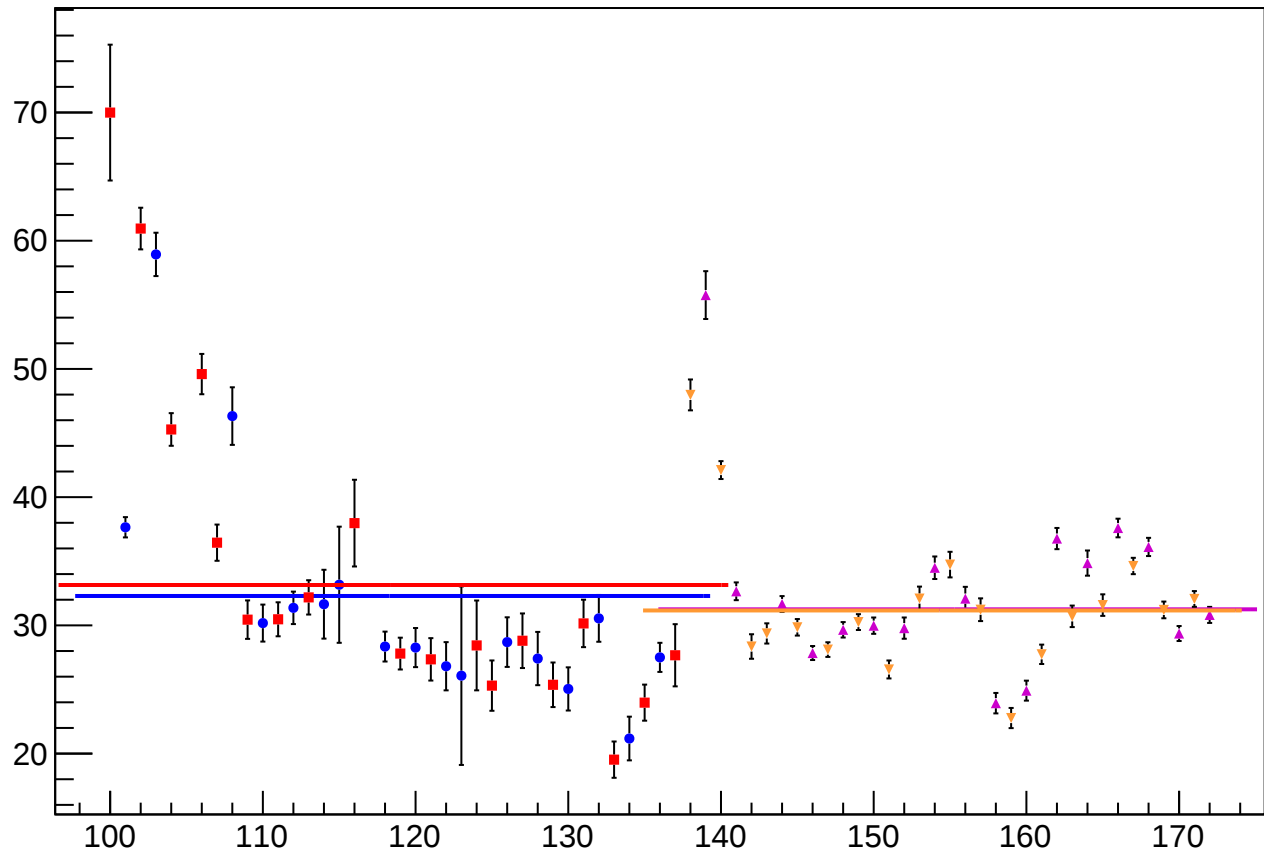
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Out: -32.329+/-0.241 χ^2/NDF :1535.2/17

All: -31.448+/-0.169 χ^2/NDF : 2990.8/34

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.164 ± 0.175 $\chi^2/\text{NDF}: 713.5/17$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.252 ± 0.175 $\chi^2/\text{NDF}: 587.4/16$

Left: 31.208 ± 0.124 $\chi^2/\text{NDF}: 1301.0/34$

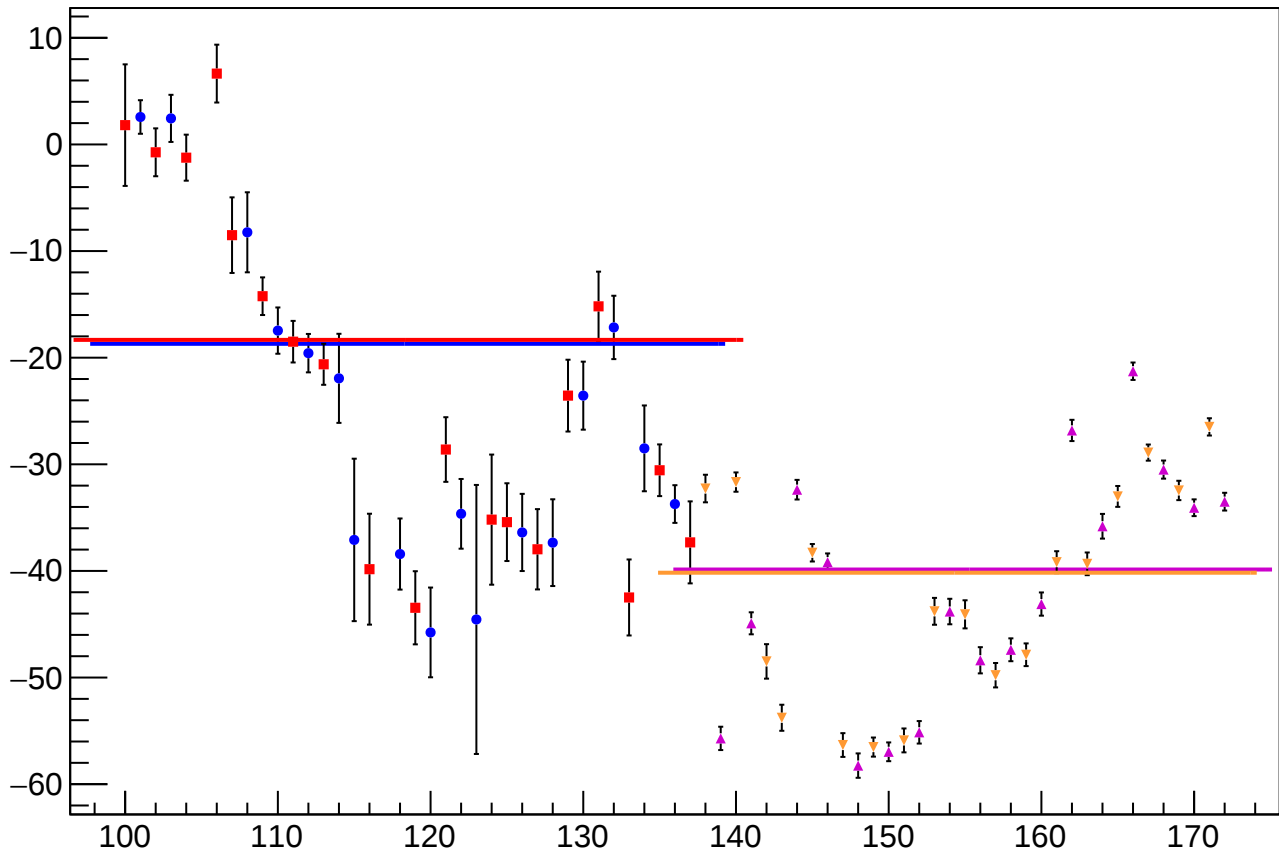
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.440 ± 0.159 $\chi^2/\text{NDF}: 1046.3/33$

Out: 31.513 ± 0.159 $\chi^2/\text{NDF}: 1508.8/36$

All: 31.476 ± 0.112 $\chi^2/\text{NDF}: 2555.2/70$

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: -40.168 ± 0.240 χ^2/NDF : 1795.2/17

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -39.869 ± 0.234 χ^2/NDF : 2199.5/16

Left: -40.015 ± 0.168 χ^2/NDF : 3995.5/34

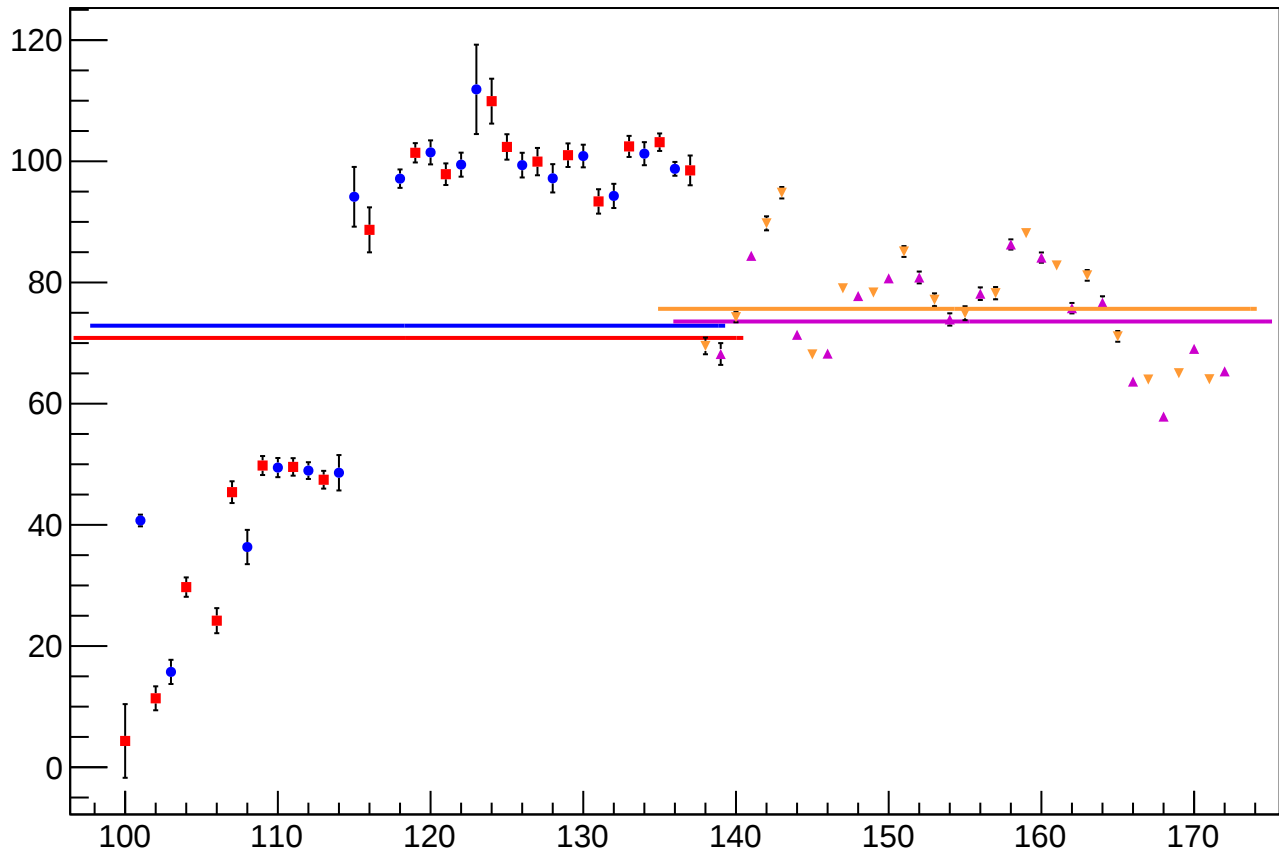
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -37.538 ± 0.221 χ^2/NDF : 3616.3/33

Out: -37.508 ± 0.225 χ^2/NDF : 3280.8/36

All: -37.523 ± 0.158 χ^2/NDF : 6897.1/70

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 75.653 $\pm$ 0.202 χ^2 /NDF:1993.6/17

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 73.561 $\pm$ 0.201 χ^2 /NDF:1559.8/16

Left: 74.602 $\pm$ 0.142 χ^2 /NDF: 3607.5/34

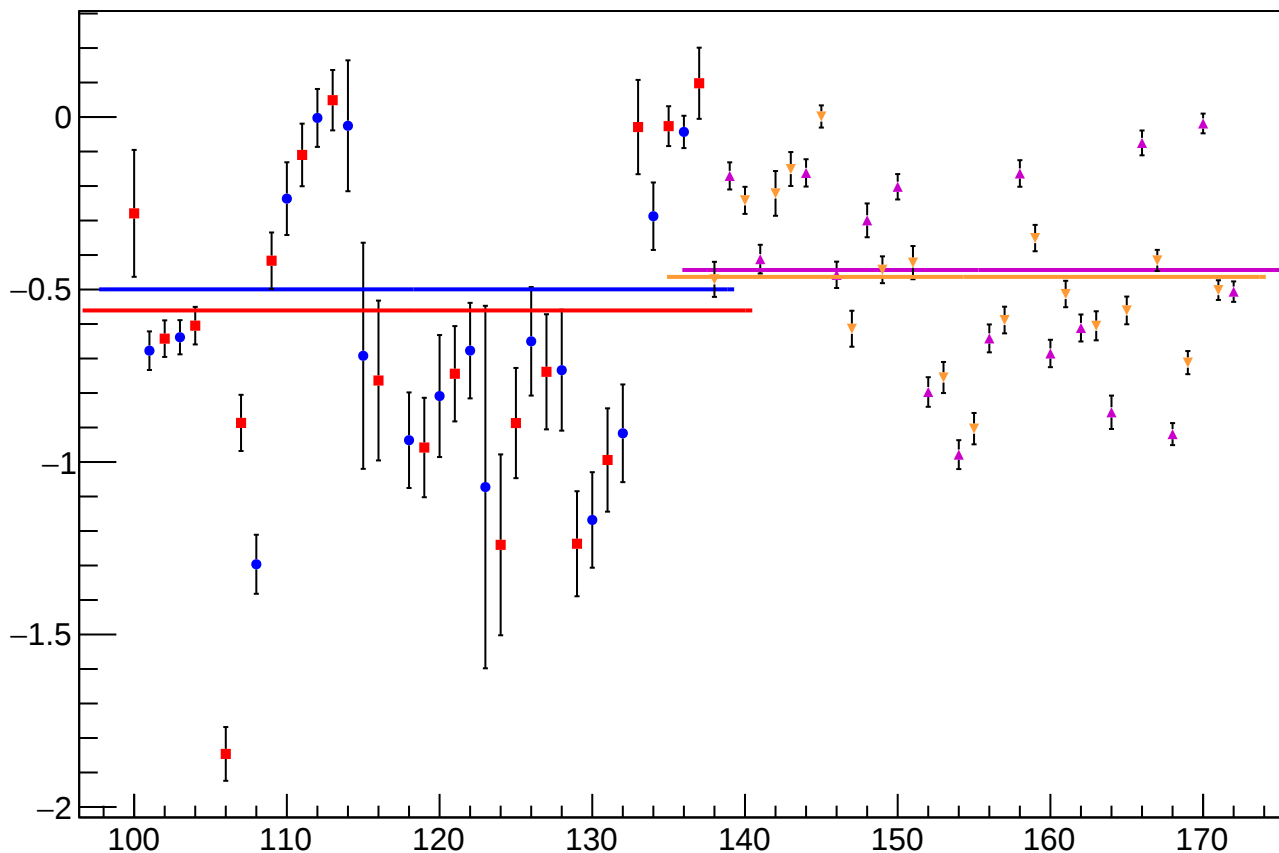
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 73.436 $\pm$ 0.182 χ^2 /NDF:6289.1/33

Out: 74.797 $\pm$ 0.183 χ^2 /NDF:7590.1/36

All: 74.112 $\pm$ 0.129 χ^2 /NDF: 13907.1/70

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.463 ± 0.009 χ^2/NDF : 537.4/17

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.443 ± 0.009 χ^2/NDF : 1138.9/16

Left: -0.453 ± 0.007 χ^2/NDF : 1678.6/34

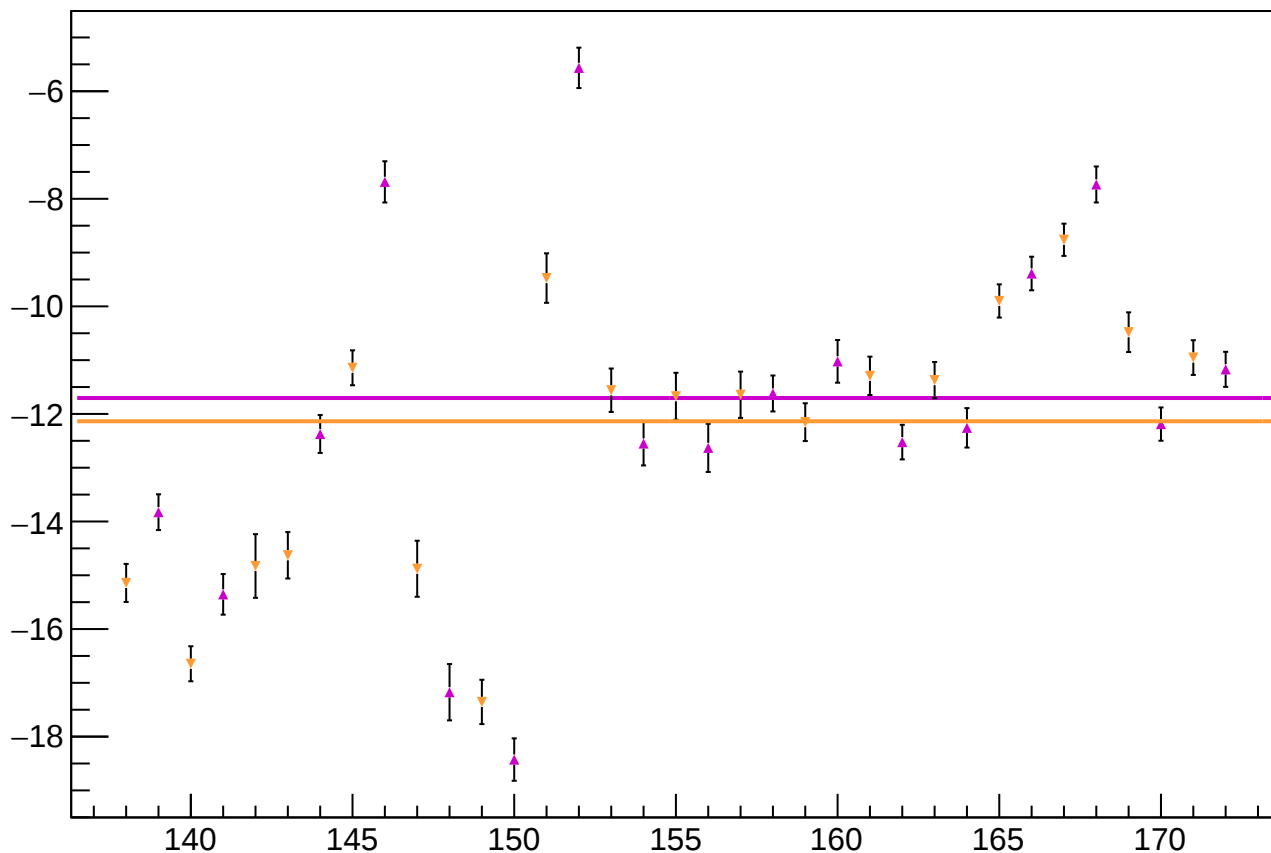
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.451 ± 0.008 χ^2/NDF : 1446.9/33

Out: -0.479 ± 0.009 χ^2/NDF : 1116.5/36

All: -0.465 ± 0.006 χ^2/NDF : 2568.6/70

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -12.136 $\pm$ 0.088 χ^2 /NDF:777.8/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -11.704 $\pm$ 0.088 χ^2 /NDF:1135.3/16

Left: -11.920 $\pm$ 0.062 χ^2 /NDF: 1925.2/34

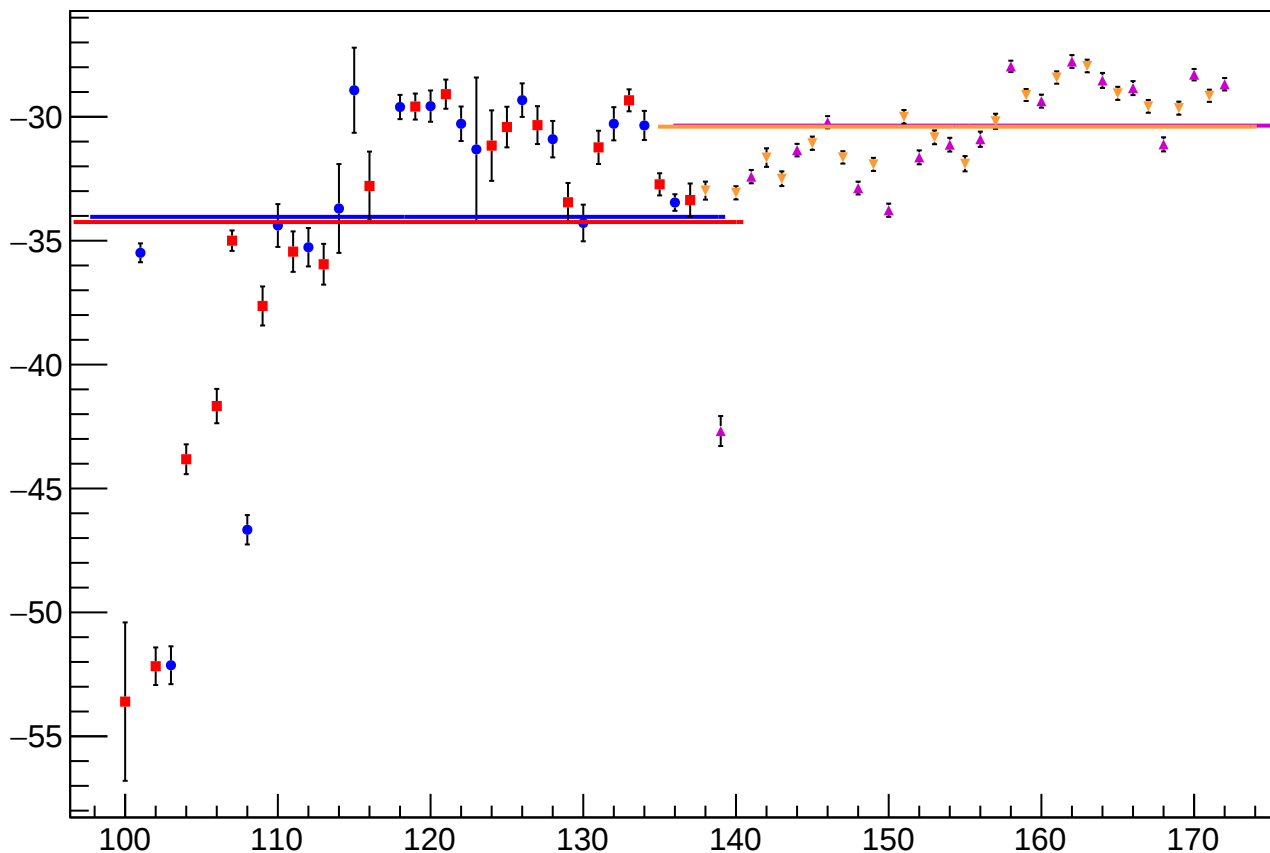
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.704 $\pm$ 0.088 χ^2 /NDF:1135.3/16

Out: -12.136 $\pm$ 0.088 χ^2 /NDF:777.8/17

All: -11.920 $\pm$ 0.062 χ^2 /NDF: 1925.2/34

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: -30.398 ± 0.065 χ^2/NDF : 554.9/17

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.356 ± 0.066 χ^2/NDF : 1195.7/16

Left: -30.377 ± 0.046 χ^2/NDF : 1750.7/34

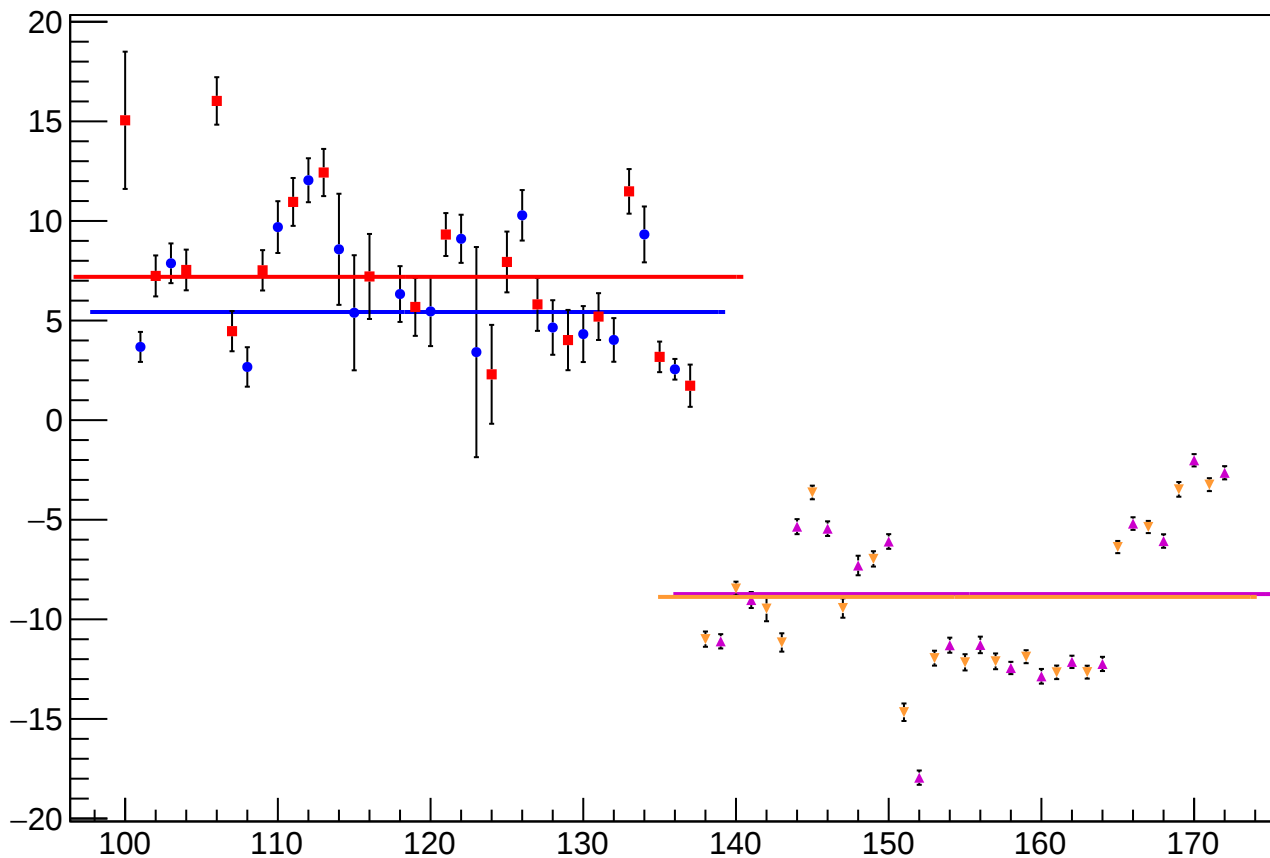
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.942 ± 0.060 χ^2/NDF : 3039.3/33

Out: -30.996 ± 0.059 χ^2/NDF : 2464.1/36

All: -30.969 ± 0.042 χ^2/NDF : 5503.8/70

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.874 ± 0.087 χ^2/NDF : 1746.2/17

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -8.732 ± 0.086 χ^2/NDF : 2483.5/16

Left: -8.802 ± 0.061 χ^2/NDF : 4231.1/34

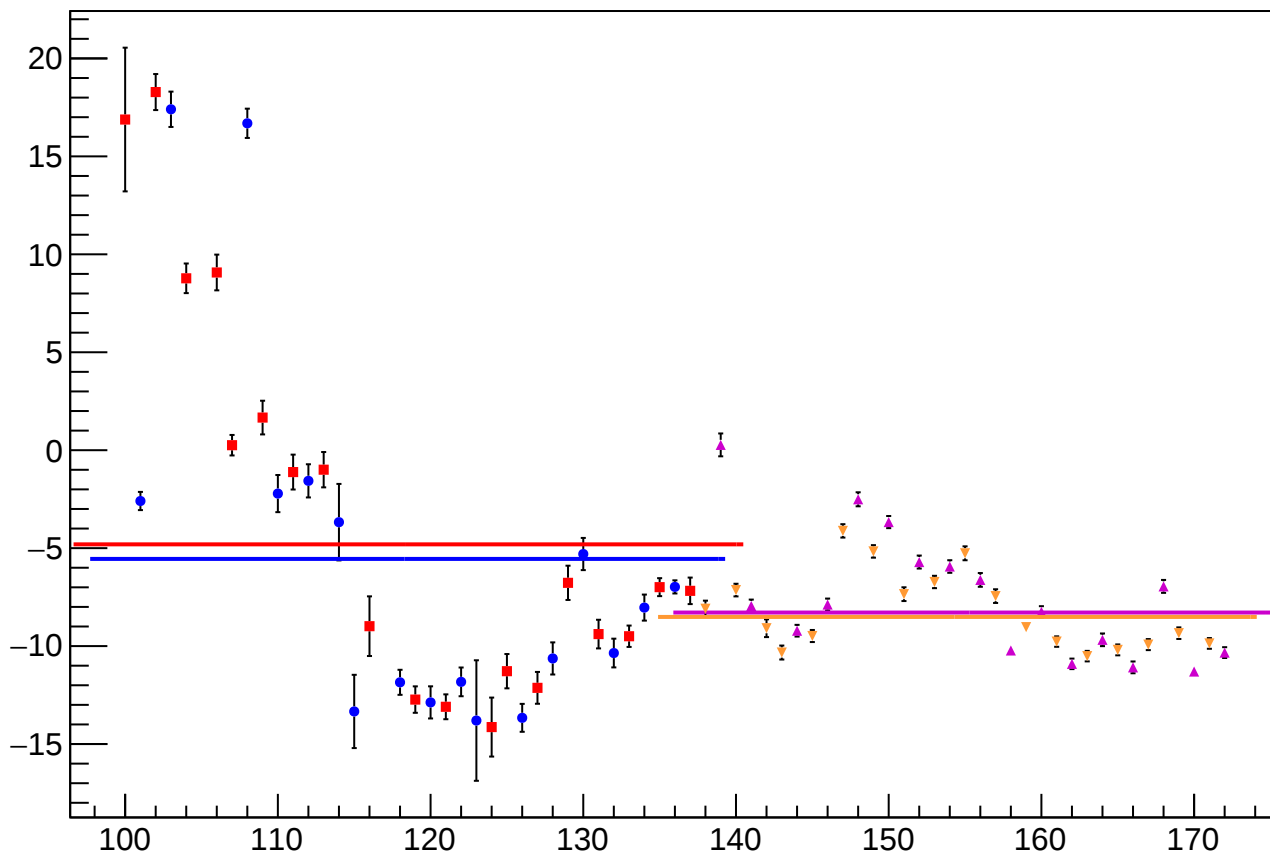
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.420 ± 0.082 χ^2/NDF : 5114.1/33

Out: -7.403 ± 0.083 χ^2/NDF : 5052.3/36

All: -7.412 ± 0.058 χ^2/NDF : 10166.4/70

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: -8.512 ± 0.074 χ^2/NDF : 642.4/17

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.287 ± 0.074 χ^2/NDF : 1326.5/16

Left: -8.401 ± 0.052 χ^2/NDF : 1973.5/34

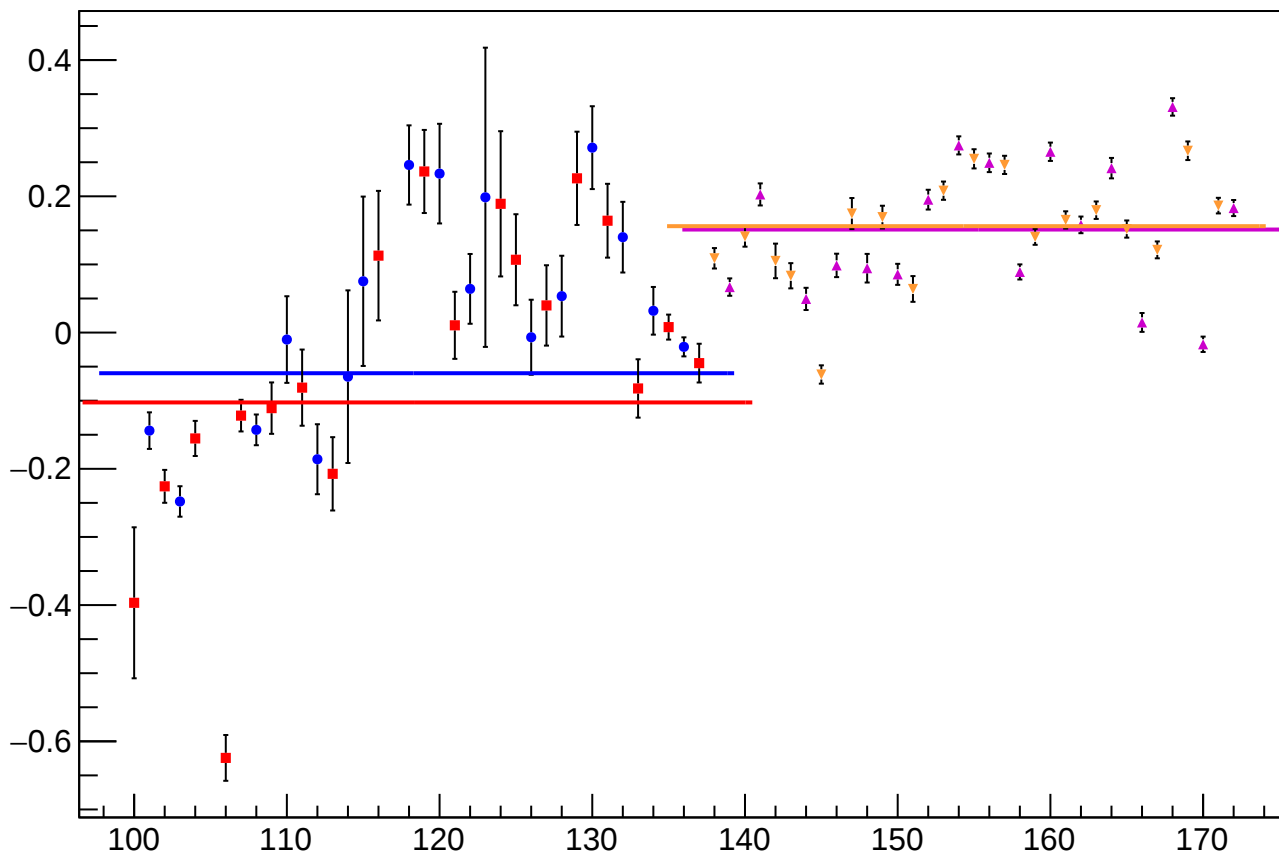
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.849 ± 0.068 χ^2/NDF : 3670.6/33

Out: -7.943 ± 0.068 χ^2/NDF : 3080.5/36

All: -7.896 ± 0.048 χ^2/NDF : 6752.0/70

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.156 ± 0.003 χ^2/NDF : 513.6/17

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.151 ± 0.003 χ^2/NDF : 939.1/16

Left: 0.154 ± 0.002 χ^2/NDF : 1453.8/34

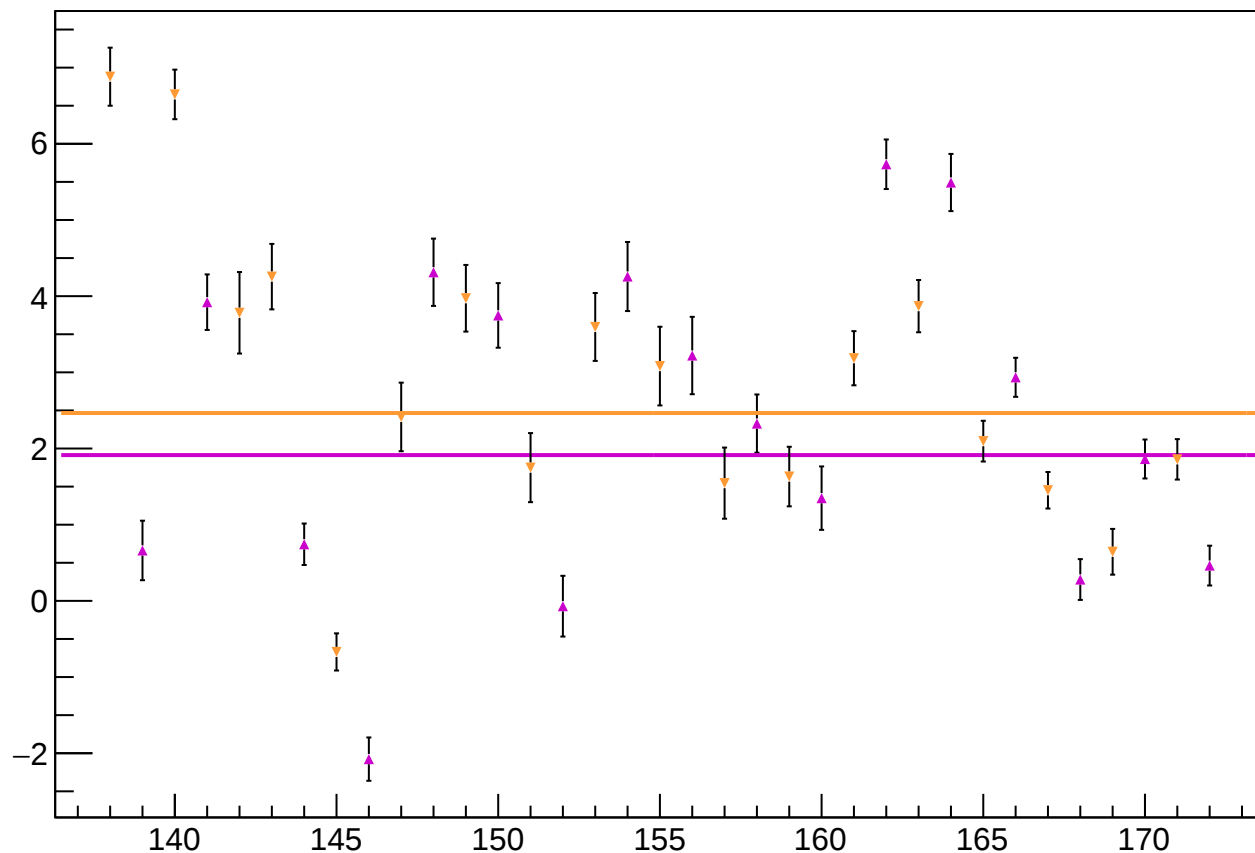
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.123 ± 0.003 χ^2/NDF : 1701.2/33

Out: 0.121 ± 0.003 χ^2/NDF : 1764.1/36

All: 0.122 ± 0.002 χ^2/NDF : 3465.6/70

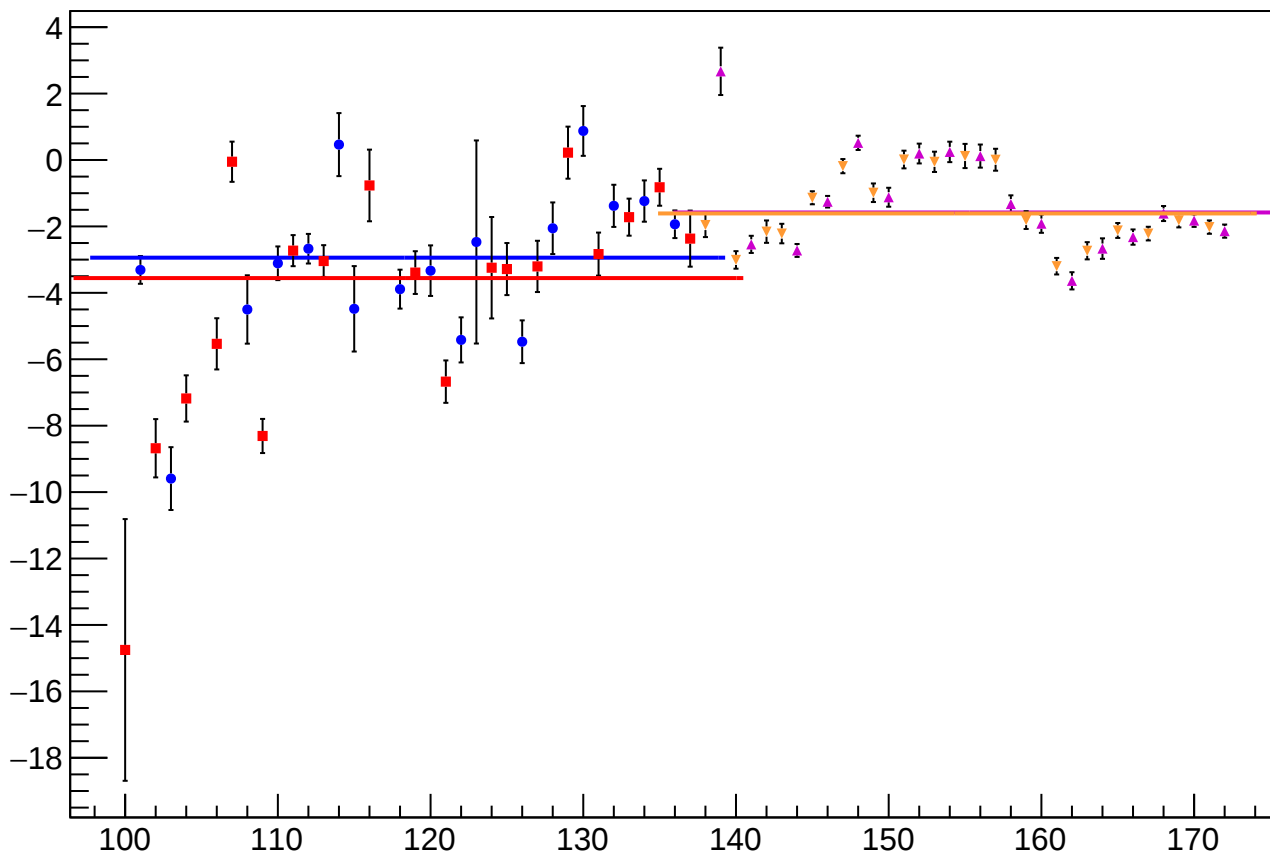
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.466 $\pm$ 0.082 χ^2/NDF : 601.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.914 $\pm$ 0.081 χ^2/NDF : 677.8/16

Left: 2.186 $\pm$ 0.057 χ^2/NDF : 1302.5/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.914 $\pm$ 0.081 χ^2/NDF : 677.8/16
 Out: 2.466 $\pm$ 0.082 χ^2/NDF : 601.6/17
 All: 2.186 $\pm$ 0.057 χ^2/NDF : 1302.5/34

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.610 ± 0.060 χ^2/NDF : 279.6/17

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.580 ± 0.059 χ^2/NDF : 376.9/16

Left: -1.595 ± 0.042 χ^2/NDF : 656.7/34

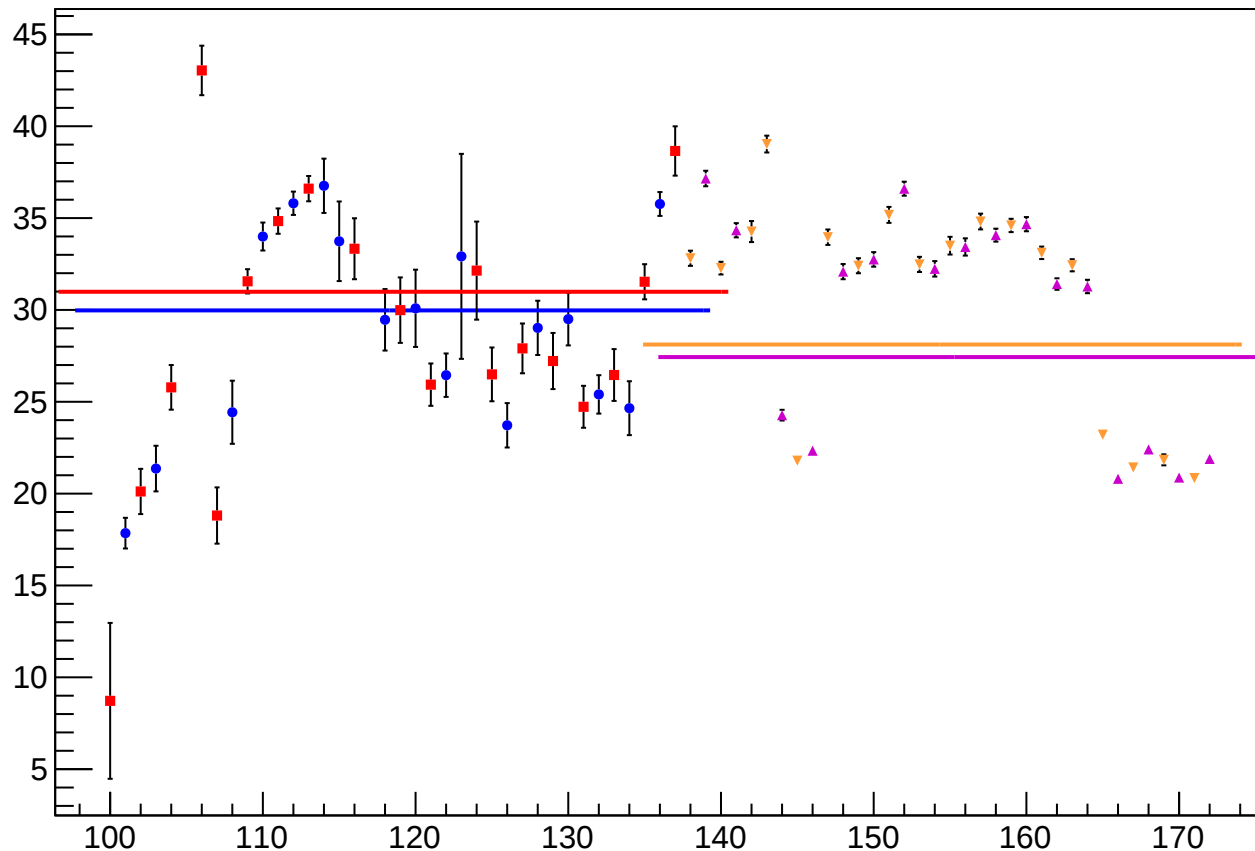
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.755 ± 0.055 χ^2/NDF : 590.4/33

Out: -1.863 ± 0.056 χ^2/NDF : 709.2/36

All: -1.809 ± 0.039 χ^2/NDF : 1301.5/70

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 28.117 $\pm$ 0.081 χ^2 /NDF: 5560.9/17

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 27.433 $\pm$ 0.080 χ^2 /NDF: 5542.9/16

Left: 27.768 $\pm$ 0.057 χ^2 /NDF: 11139.7/34

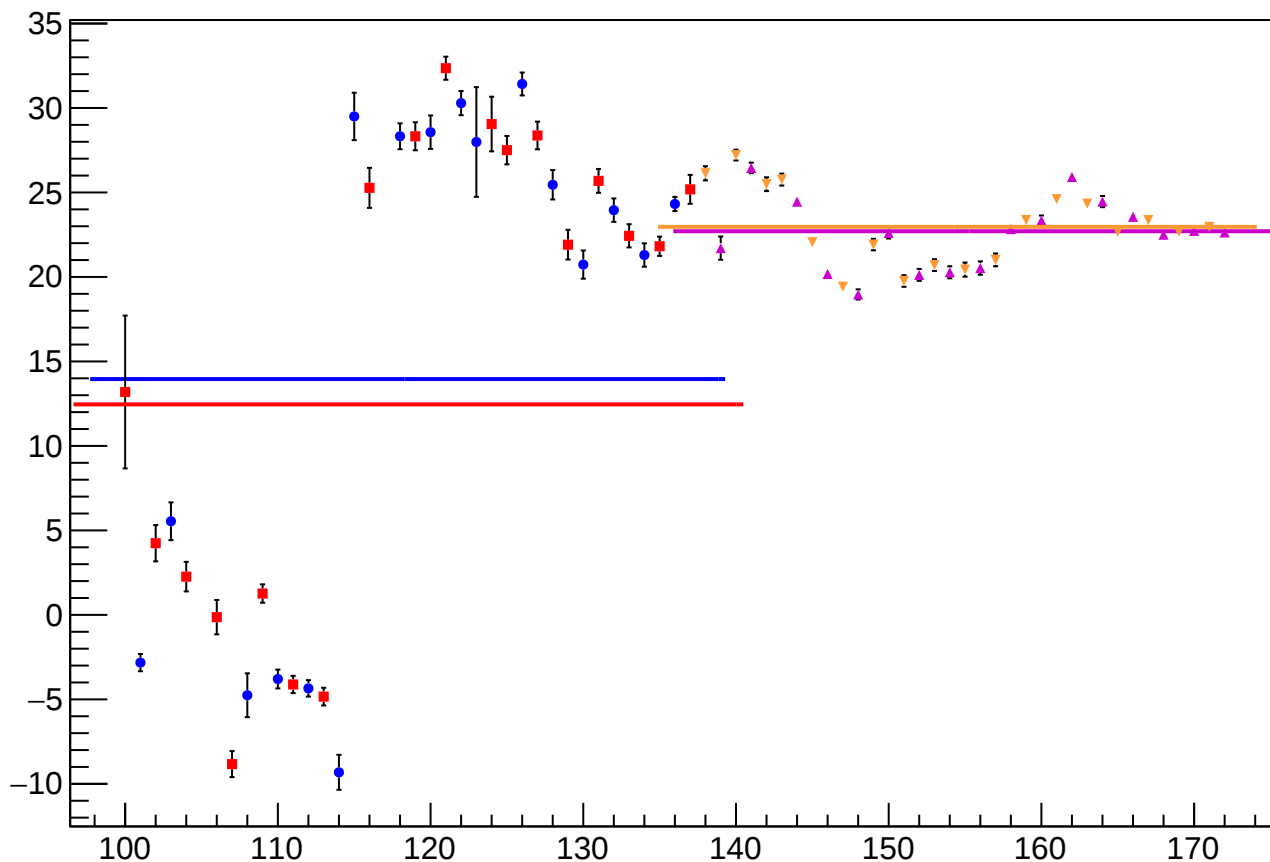
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 27.642 $\pm$ 0.077 χ^2 /NDF: 6179.8/33

Out: 28.374 $\pm$ 0.078 χ^2 /NDF: 6153.0/36

All: 28.002 $\pm$ 0.055 χ^2 /NDF: 12377.9/70

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.966 $\pm$ 0.068 χ^2 /NDF: 767.5/17

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.706 $\pm$ 0.068 χ^2 /NDF: 807.8/16

Left: 22.835 $\pm$ 0.048 χ^2 /NDF: 1582.6/34

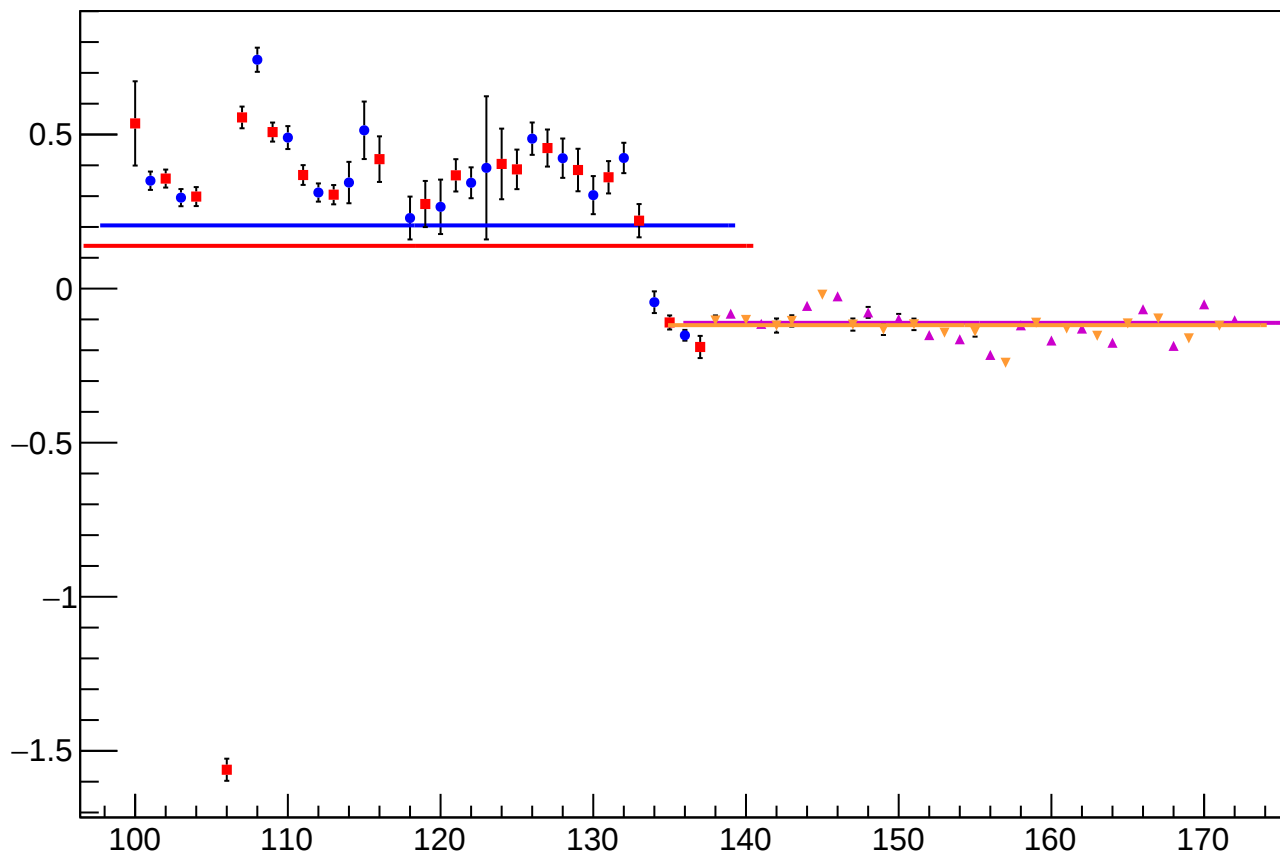
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.529 $\pm$ 0.063 χ^2 /NDF: 10387.8/33

Out: 21.552 $\pm$ 0.064 χ^2 /NDF: 10917.6/36

All: 21.540 $\pm$ 0.045 χ^2 /NDF: 21305.5/70

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.119 $\pm$ 0.003 χ^2 /NDF: 200.7/17

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.111 $\pm$ 0.003 χ^2 /NDF: 285.5/16

Left: -0.115 $\pm$ 0.002 χ^2 /NDF: 489.1/34

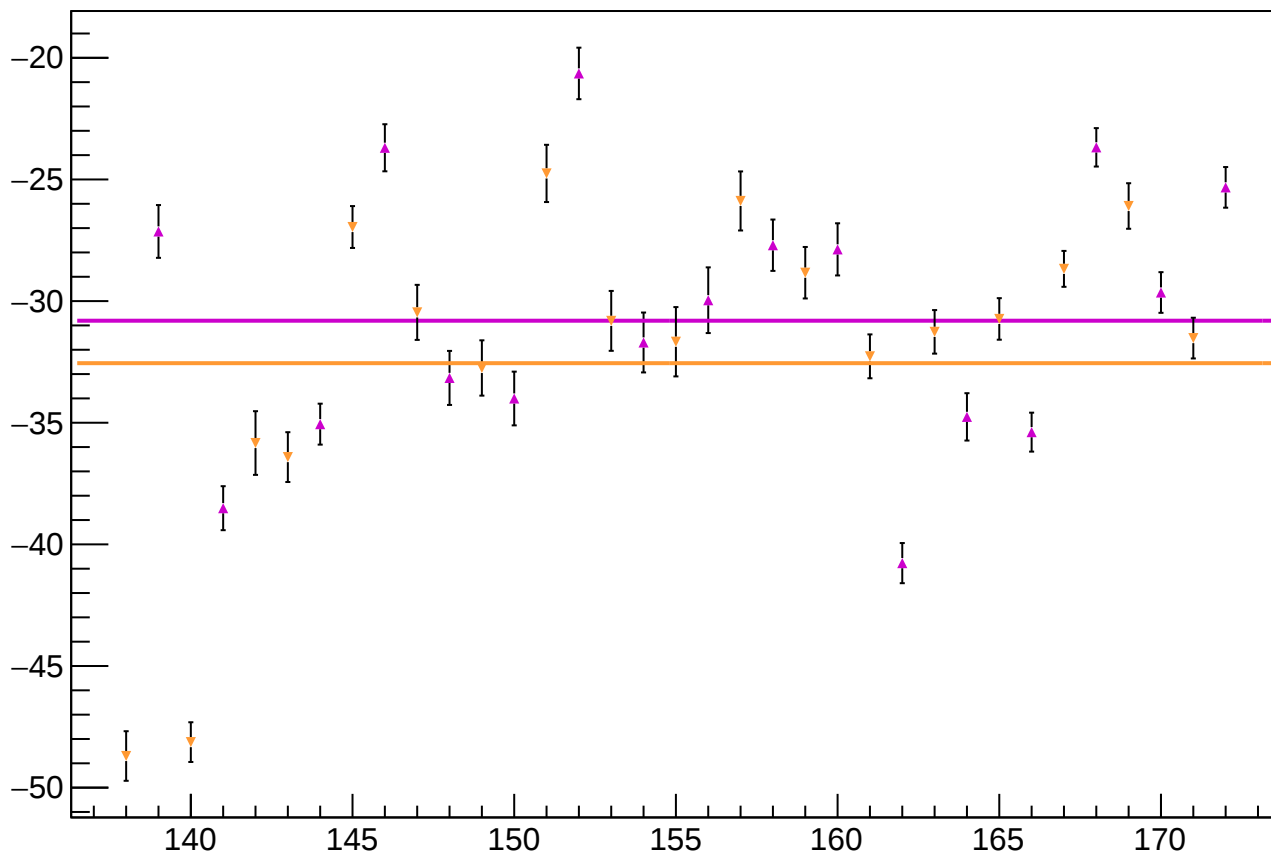
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: -0.080 $\pm$ 0.003 χ^2 /NDF: 2156.6/33

Out: -0.091 $\pm$ 0.003 χ^2 /NDF: 3917.9/36

All: -0.085 $\pm$ 0.002 χ^2 /NDF: 6082.5/70

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: -32.552+/-0.232 χ^2/NDF : 853.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.806+/-0.232 χ^2/NDF : 607.1/16

Left: -31.679+/-0.164 χ^2/NDF : 1488.9/34

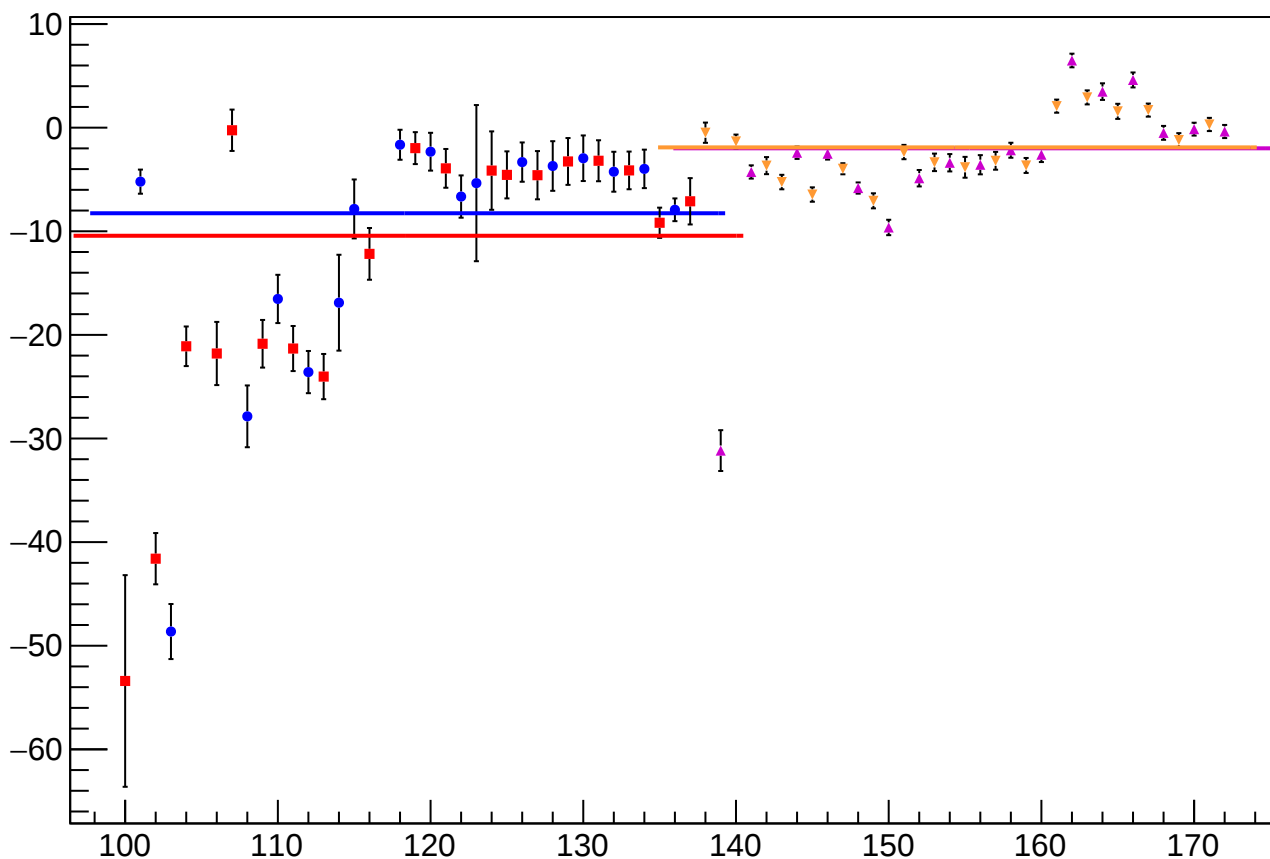
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.806+/-0.232 χ^2/NDF : 607.1/16

Out: -32.552+/-0.232 χ^2/NDF : 853.5/17

All: -31.679+/-0.164 χ^2/NDF : 1488.9/34

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -1.904 ± 0.167 $\chi^2/\text{NDF}: 311.6/17$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -1.994 ± 0.169 $\chi^2/\text{NDF}: 724.8/16$

Left: -1.948 ± 0.119 $\chi^2/\text{NDF}: 1036.5/34$

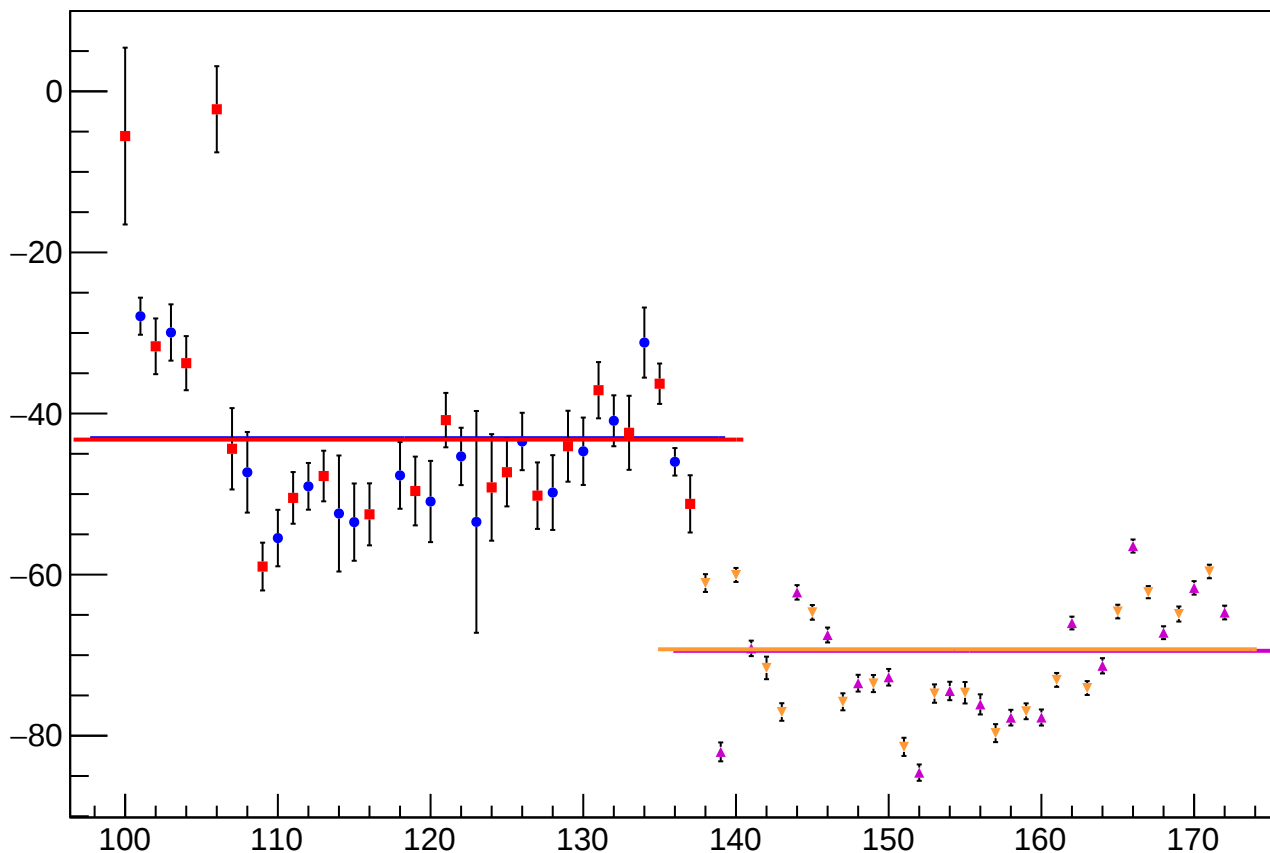
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -2.733 ± 0.159 $\chi^2/\text{NDF}: 1298.6/33$

Out: -2.791 ± 0.158 $\chi^2/\text{NDF}: 1011.1/36$

All: -2.762 ± 0.112 $\chi^2/\text{NDF}: 2309.8/70$

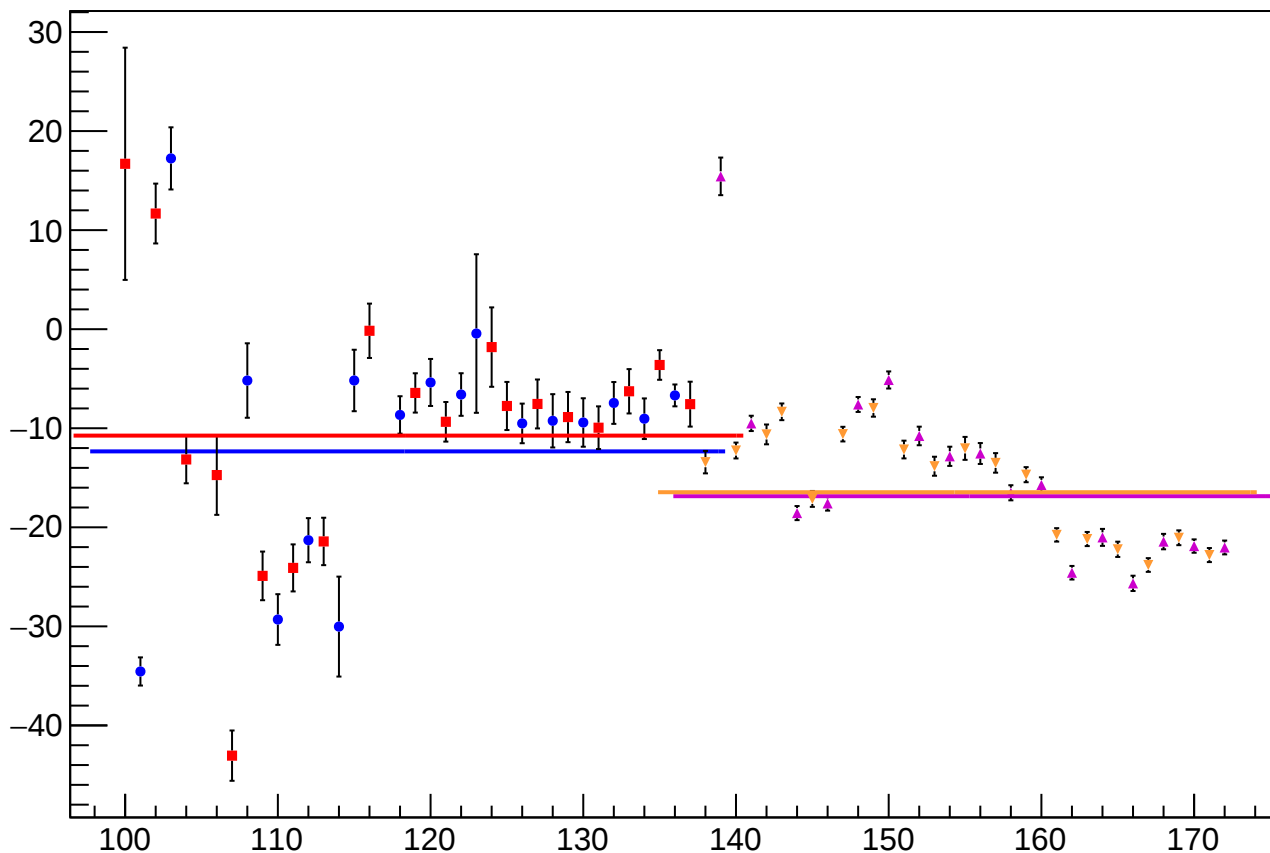
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.270 ± 0.231 $\chi^2/\text{NDF}: 927.0/17$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -69.459 ± 0.229 $\chi^2/\text{NDF}: 1024.4/16$

Left: -69.365 ± 0.162 $\chi^2/\text{NDF}: 1951.8/34$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -67.614 ± 0.221 $\chi^2/\text{NDF}: 2052.1/33$
 Out: -67.547 ± 0.223 $\chi^2/\text{NDF}: 1925.0/36$
 All: -67.581 ± 0.157 $\chi^2/\text{NDF}: 3977.2/70$

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: -16.457 ± 0.193 χ^2/NDF : 749.0/17

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -16.859 ± 0.194 χ^2/NDF : 1224.7/16

Left: -16.656 ± 0.137 χ^2/NDF : 1975.9/34

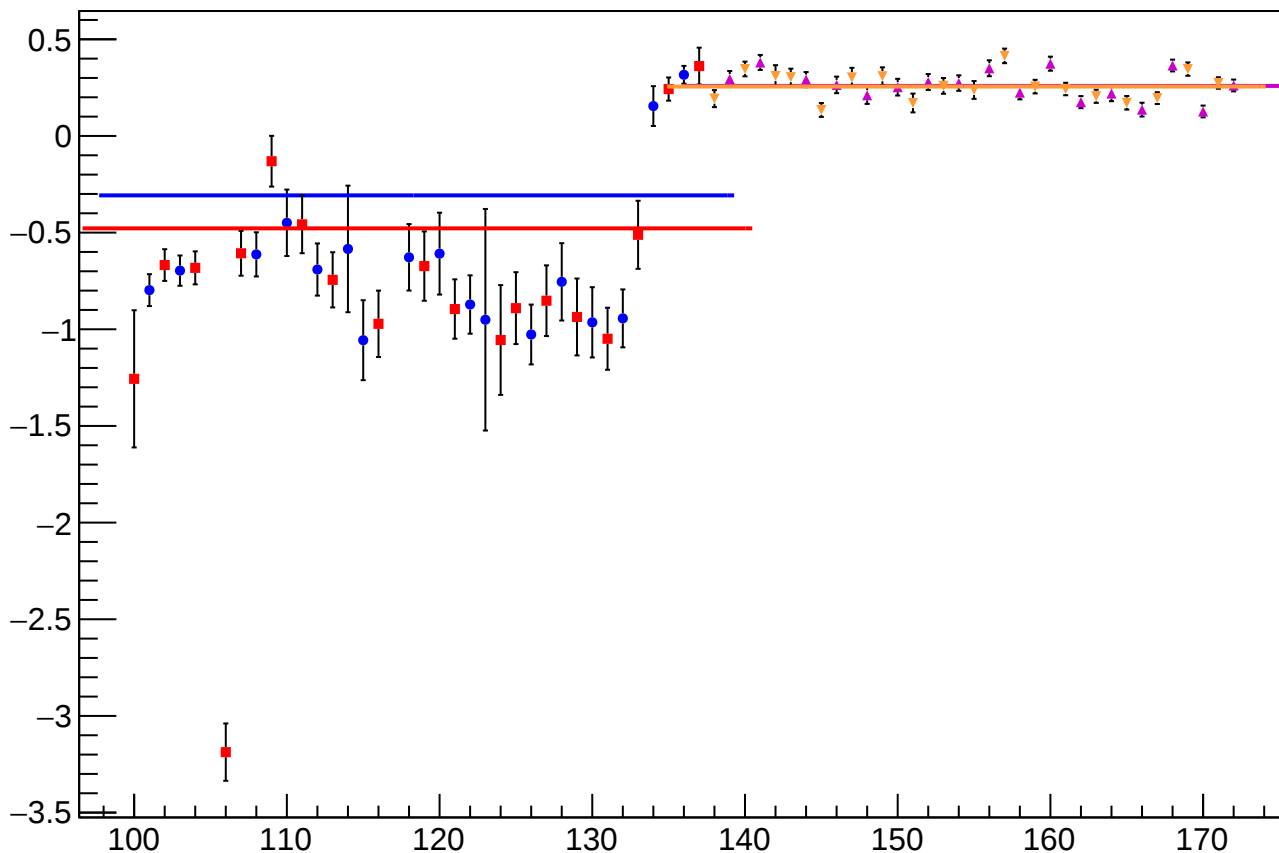
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -16.305 ± 0.182 χ^2/NDF : 1766.1/33

Out: -15.839 ± 0.182 χ^2/NDF : 1211.1/36

All: -16.072 ± 0.129 χ^2/NDF : 2980.5/70

reg_asym_sam_24_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.256 ± 0.009 χ^2/NDF : 63.5/17

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/16

Left: 0.257 ± 0.006 χ^2/NDF : 142.9/34

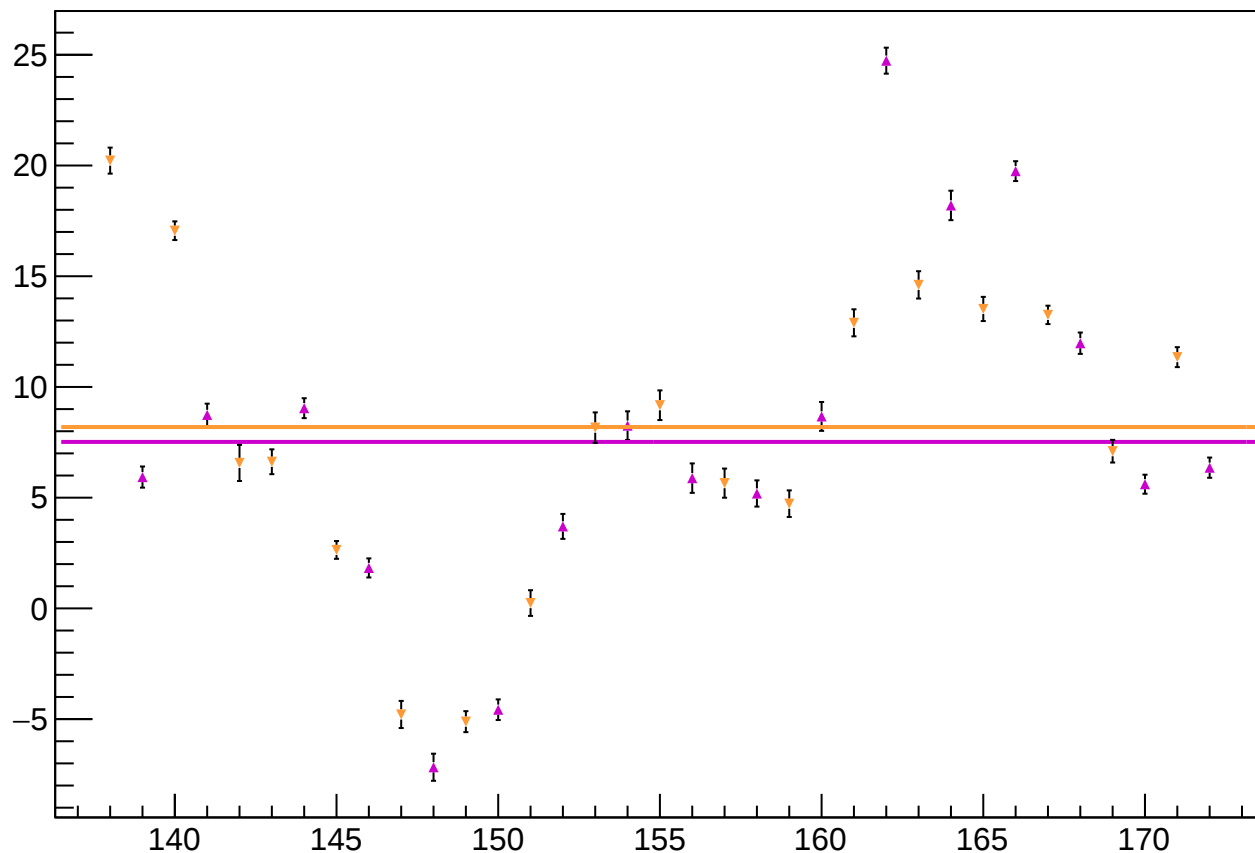
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.205 ± 0.009 χ^2/NDF : 834.0/33

Out: 0.189 ± 0.009 χ^2/NDF : 1296.4/36

All: 0.197 ± 0.006 χ^2/NDF : 2132.1/70

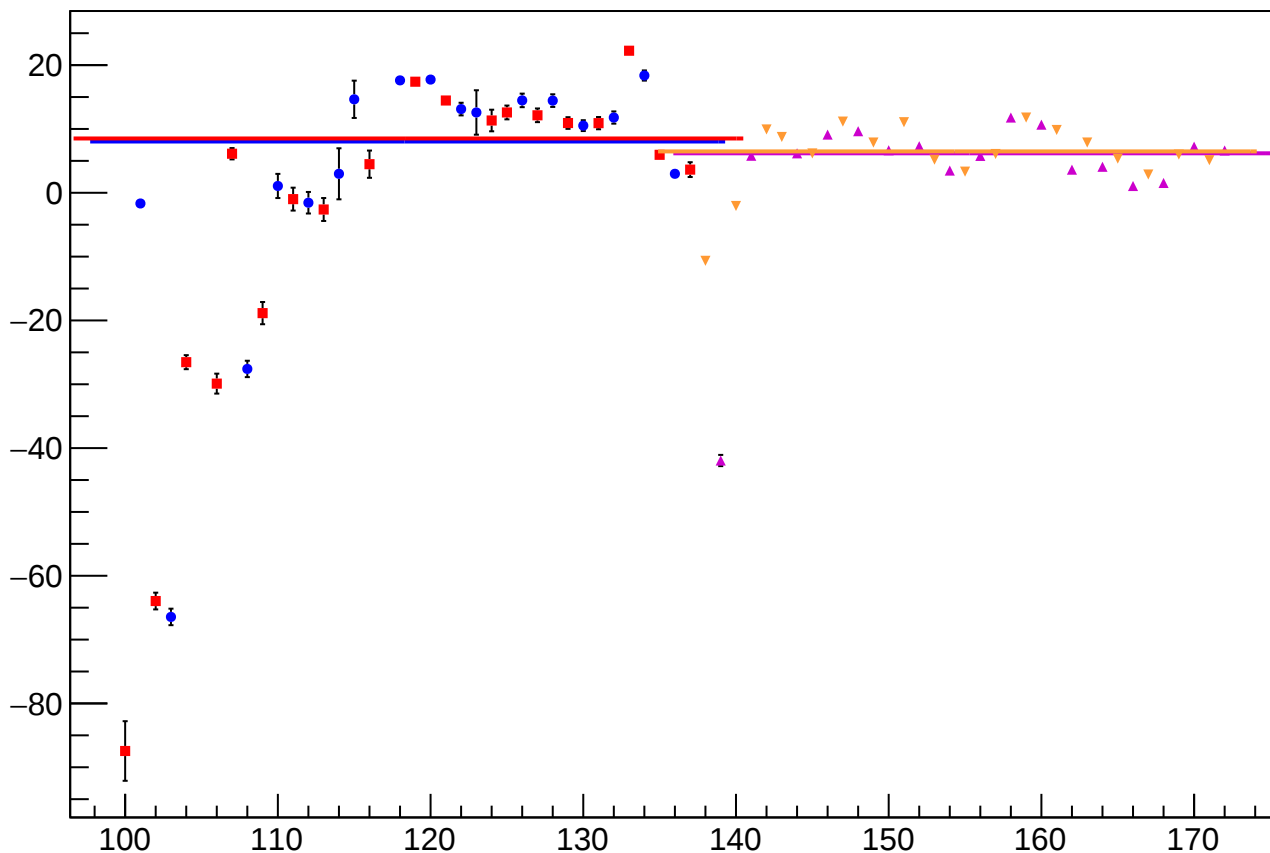
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.518+/-0.125 χ^2/NDF :3497.7/16

Left: 7.850+/-0.089 χ^2/NDF : 6516.4/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.518+/-0.125 χ^2/NDF :3497.7/16
 Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 All: 7.850+/-0.089 χ^2/NDF : 6516.4/34

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.483 $\pm$ 0.092 χ^2 /NDF: 2368.0/17

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.185 $\pm$ 0.092 χ^2 /NDF: 3927.7/16

Left: 6.335 $\pm$ 0.065 χ^2 /NDF: 6301.0/34

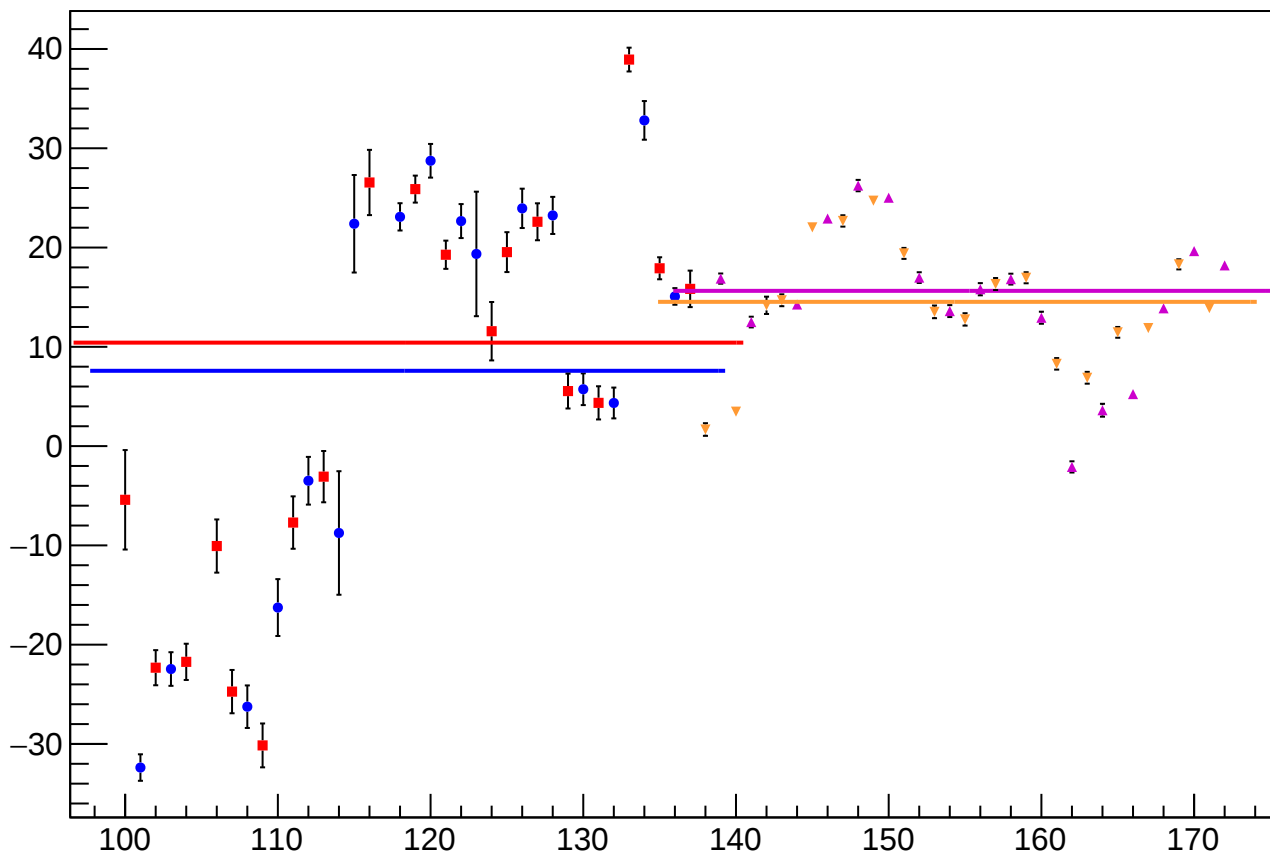
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.472 $\pm$ 0.085 χ^2 /NDF: 9360.4/33

Out: 6.799 $\pm$ 0.084 χ^2 /NDF: 9157.7/36

All: 6.637 $\pm$ 0.060 χ^2 /NDF: 18525.5/70

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 14.531 ± 0.126 χ^2/NDF : 2580.2/17

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 15.638 ± 0.124 χ^2/NDF : 3181.4/16

Left: 15.094 ± 0.088 χ^2/NDF : 5800.8/34

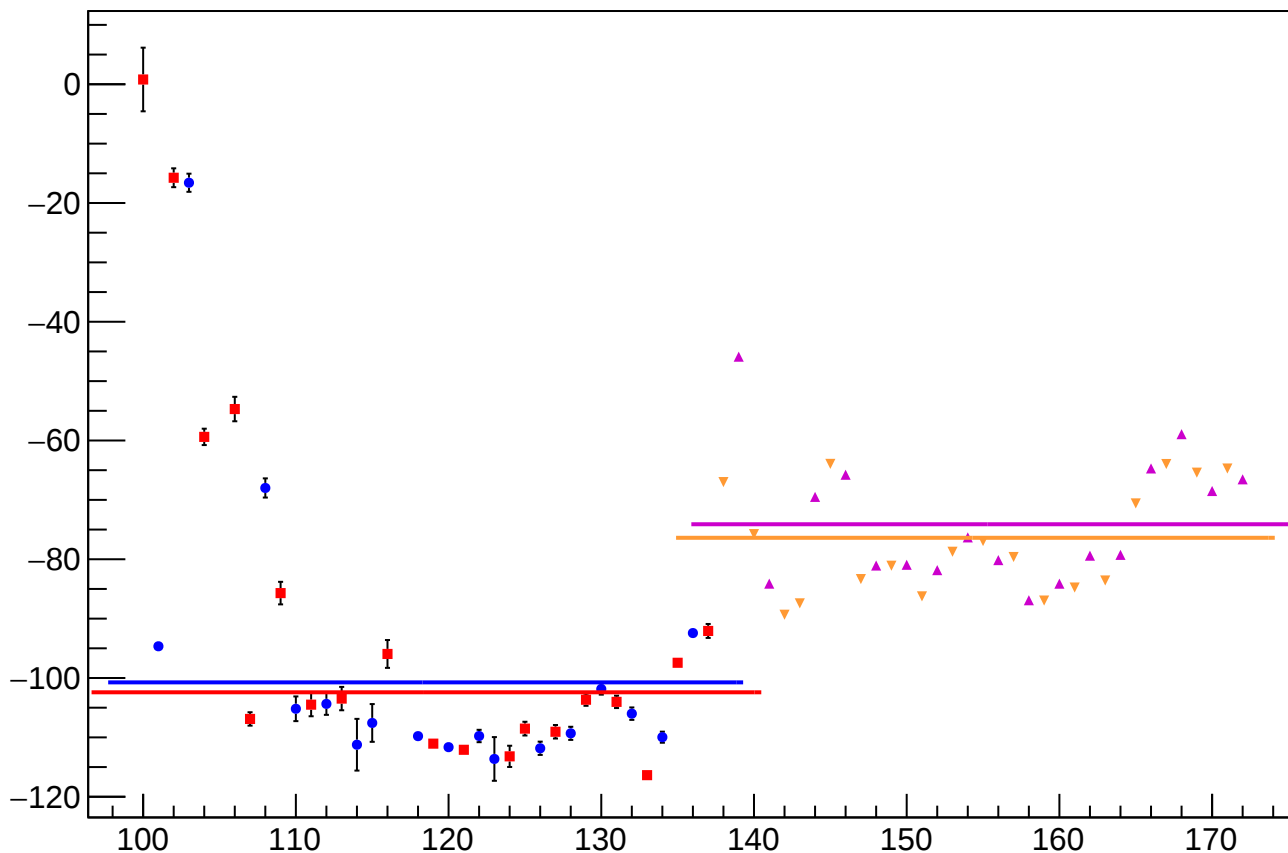
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 14.982 ± 0.119 χ^2/NDF : 5847.9/33

Out: 14.185 ± 0.121 χ^2/NDF : 4959.0/36

All: 14.590 ± 0.085 χ^2/NDF : 10829.0/70

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -76.385 ± 0.106 $\chi^2/\text{NDF}: 7239.2/17$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.105 ± 0.106 $\chi^2/\text{NDF}: 7054.4/16$

Left: -75.247 ± 0.075 $\chi^2/\text{NDF}: 14524.1/34$

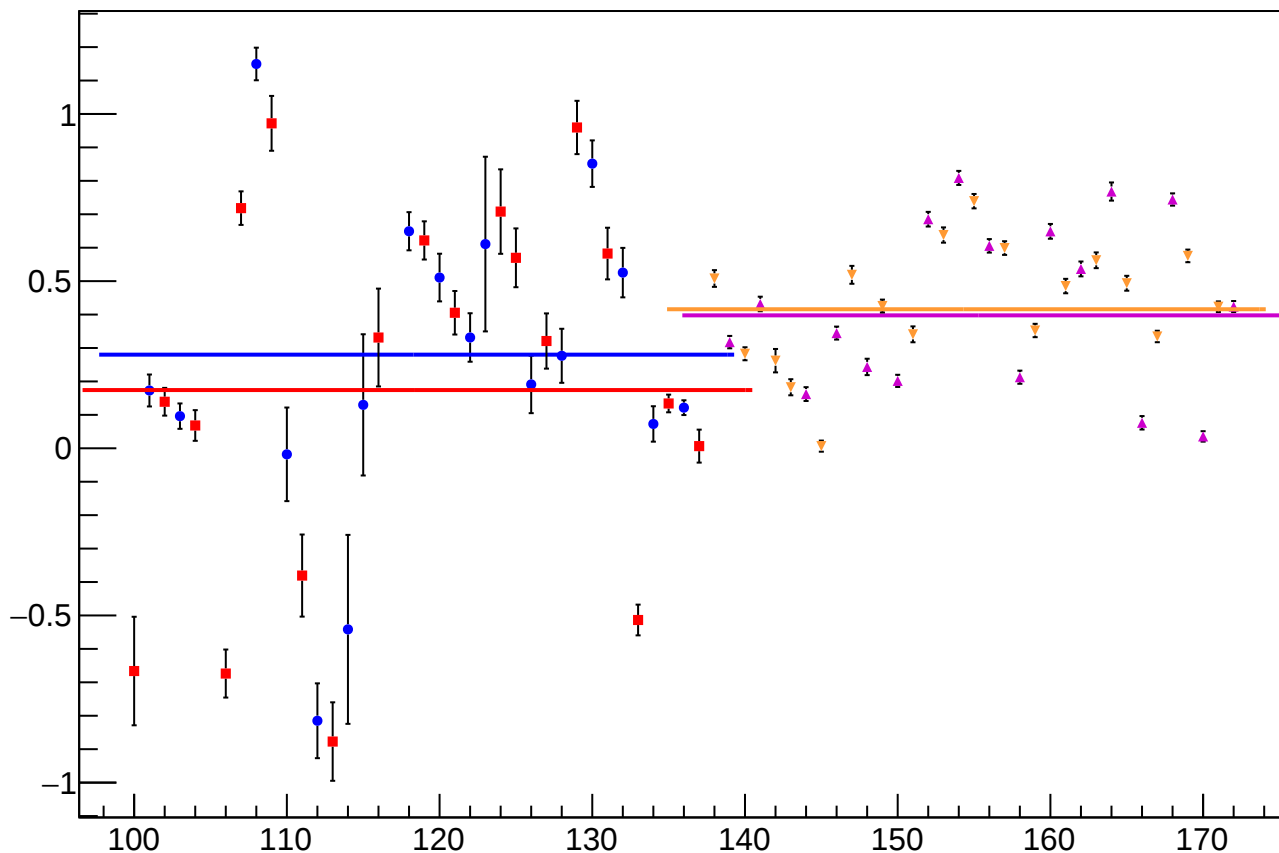
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -78.231 ± 0.098 $\chi^2/\text{NDF}: 21295.5/33$

Out: -80.473 ± 0.097 $\chi^2/\text{NDF}: 22770.5/36$

All: -79.356 ± 0.069 $\chi^2/\text{NDF}: 44329.8/70$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.416 $\pm$ 0.005 χ^2 /NDF:1367.3/17

Right Out: 0.174 $\pm$ 0.013 χ^2 /NDF: 964.1/18

Left In: 0.398 $\pm$ 0.005 χ^2 /NDF:2563.8/16

Left: 0.407 $\pm$ 0.003 χ^2 /NDF: 3938.1/34

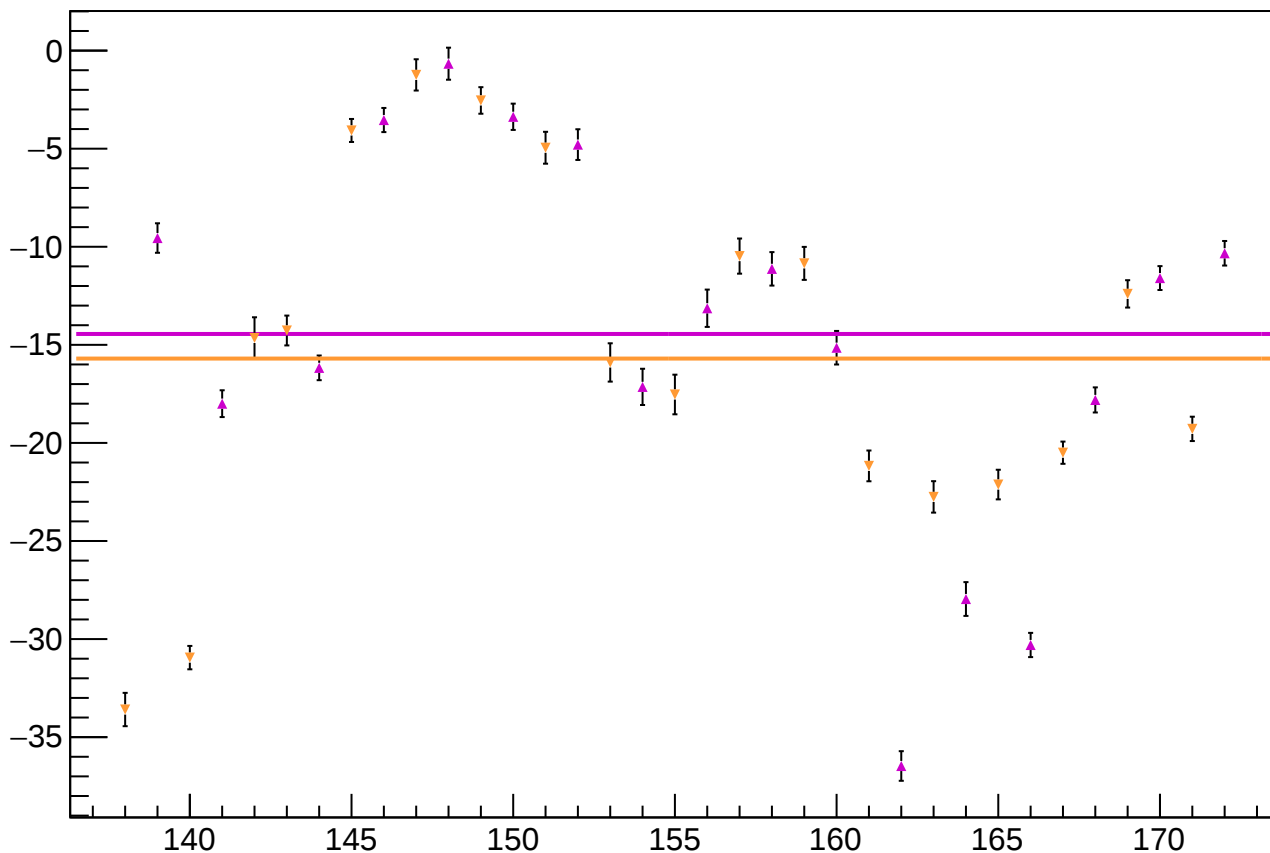
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1651.4/35

In: 0.384 $\pm$ 0.005 χ^2 /NDF:3287.6/33

Out: 0.387 $\pm$ 0.005 χ^2 /NDF:2616.7/36

All: 0.386 $\pm$ 0.003 χ^2 /NDF: 5904.4/70

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: -15.700+/-0.176 χ^2/NDF : 2773.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.446+/-0.174 χ^2/NDF : 2975.7/16

Left: -15.068+/-0.124 χ^2/NDF : 5775.3/34

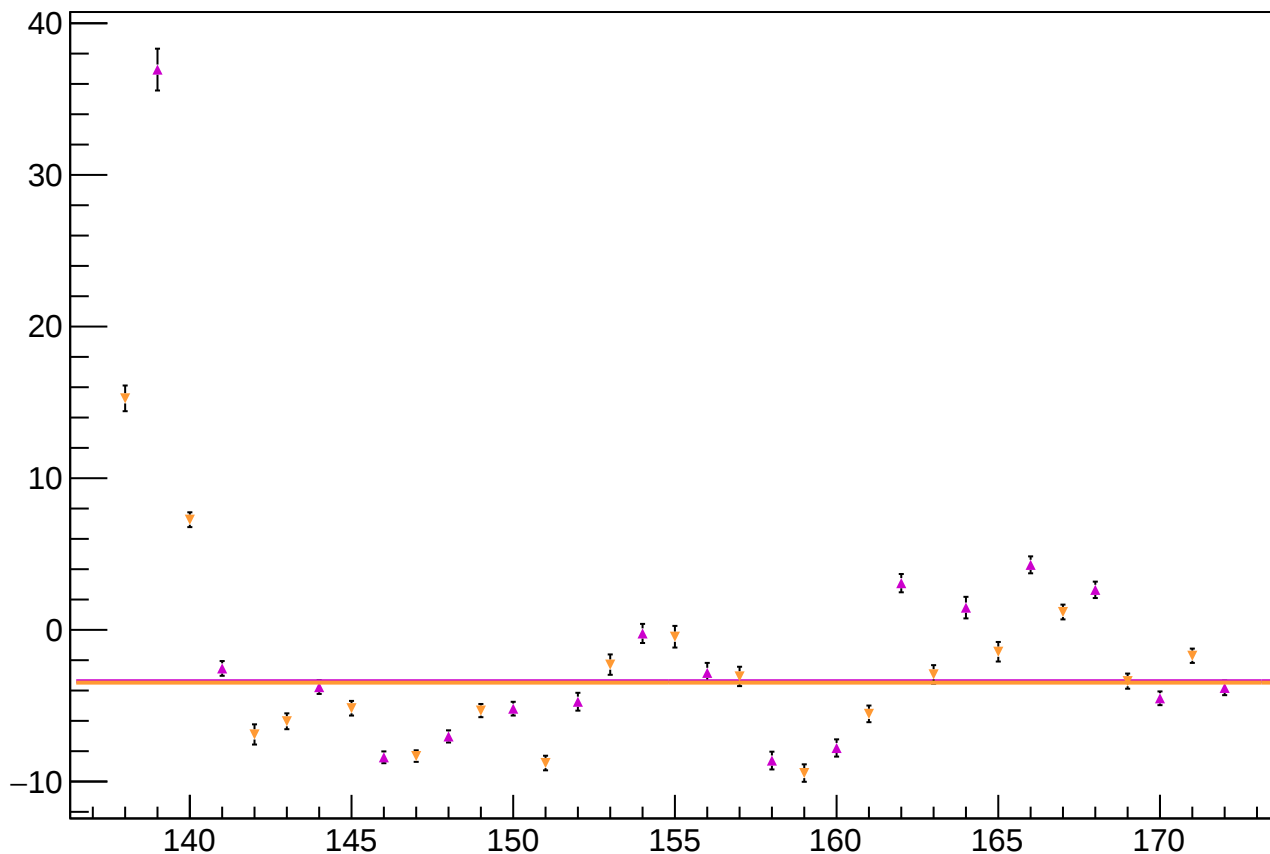
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.446+/-0.174 χ^2/NDF : 2975.7/16

Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17

All: -15.068+/-0.124 χ^2/NDF : 5775.3/34

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: -3.478+/-0.126 χ^2/NDF :1594.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.387+/-0.127 χ^2/NDF :1774.7/16

Left: -3.433+/-0.090 χ^2/NDF : 3369.1/34

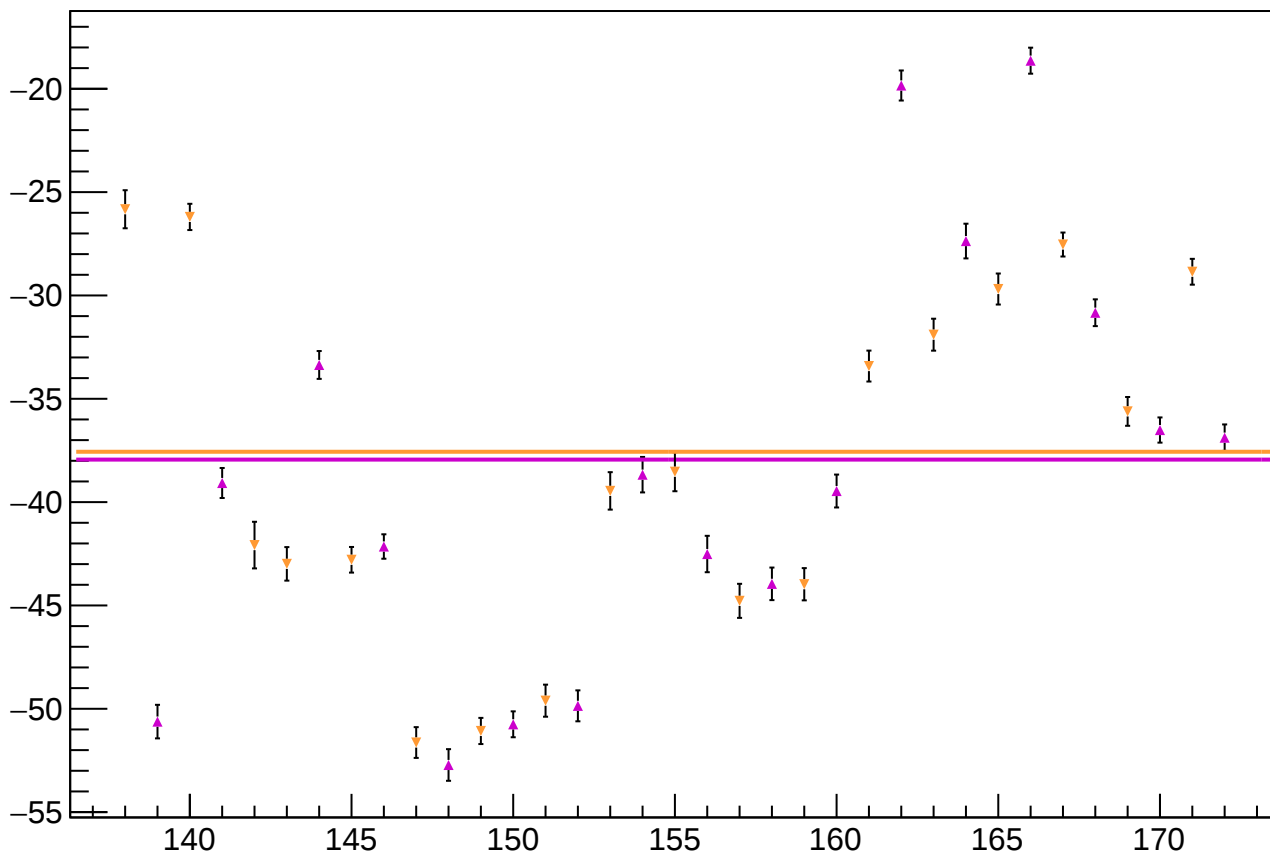
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.387+/-0.127 χ^2/NDF :1774.7/16

Out: -3.478+/-0.126 χ^2/NDF :1594.1/17

All: -3.433+/-0.090 χ^2/NDF : 3369.1/34

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: -37.563+/-0.175 χ^2/NDF :2513.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.943+/-0.172 χ^2/NDF :3323.7/16

Left: -37.755+/-0.123 χ^2/NDF : 5839.4/34

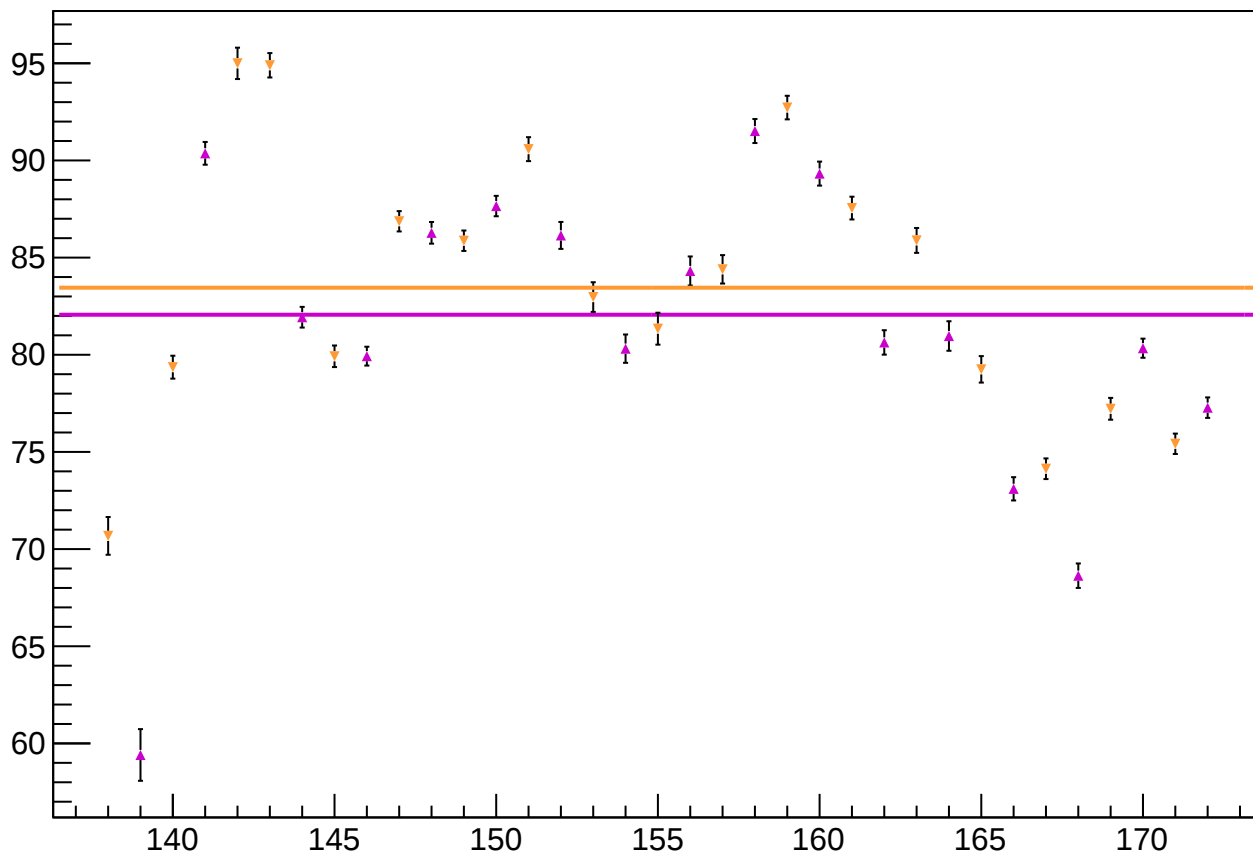
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.943+/-0.172 χ^2/NDF :3323.7/16

Out: -37.563+/-0.175 χ^2/NDF :2513.3/17

All: -37.755+/-0.123 χ^2/NDF : 5839.4/34

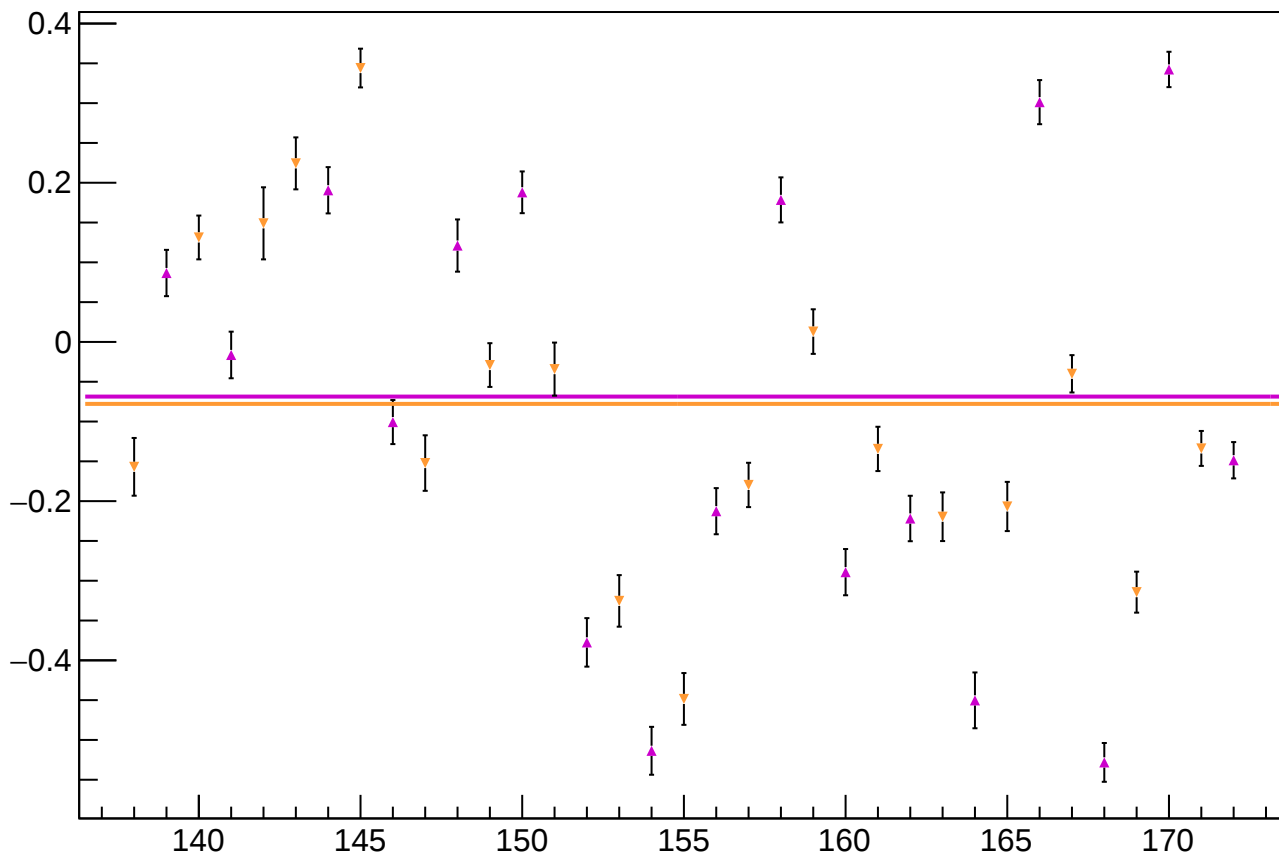
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 82.061 $\pm$ 0.147 χ^2 /NDF:1884.5/16

Left: 82.759 $\pm$ 0.104 χ^2 /NDF: 3933.8/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 82.061 $\pm$ 0.147 χ^2 /NDF:1884.5/16
 Out: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17
 All: 82.759 $\pm$ 0.104 χ^2 /NDF: 3933.8/34

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.078+/-0.007 χ^2/NDF :831.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.069+/-0.007 χ^2/NDF :1757.4/16

Left: -0.073+/-0.005 χ^2/NDF : 2590.1/34

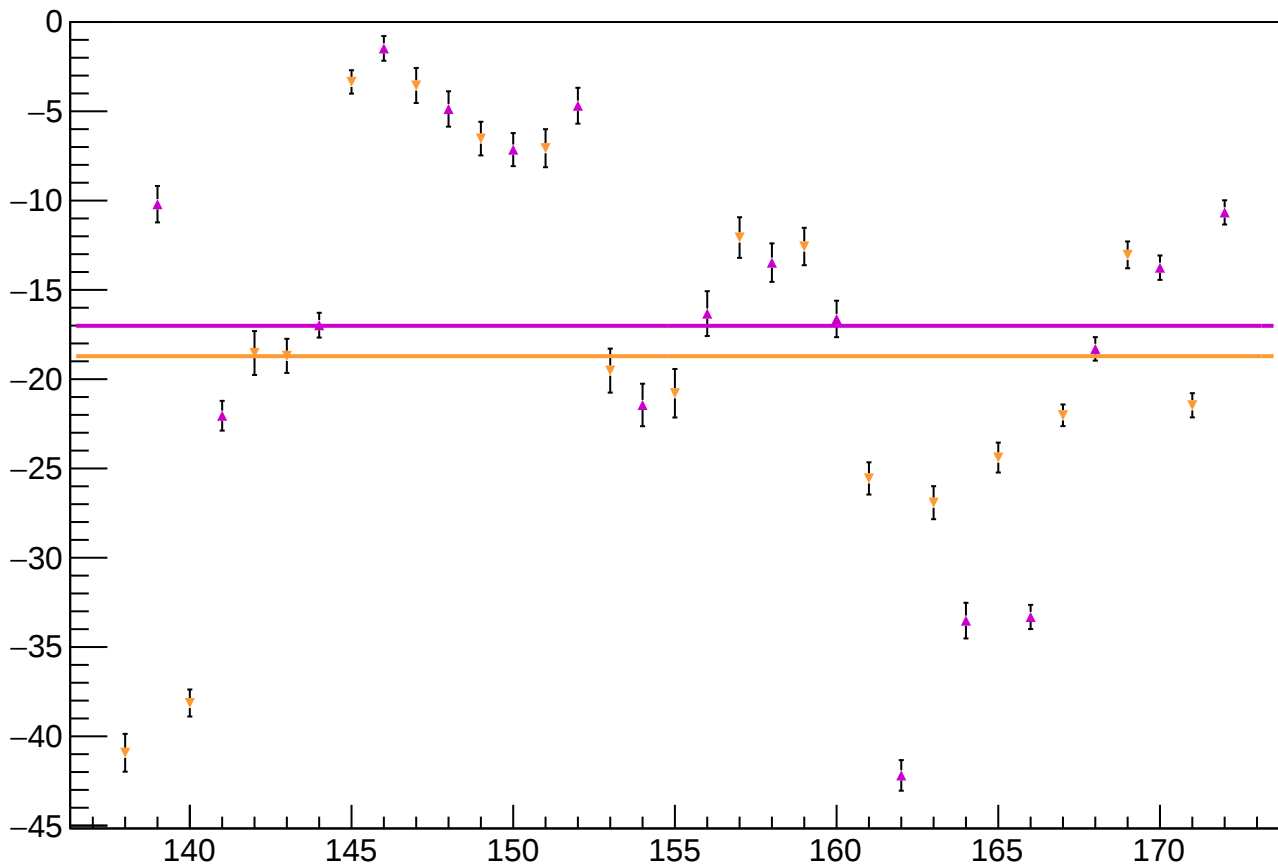
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.069+/-0.007 χ^2/NDF :1757.4/16

Out: -0.078+/-0.007 χ^2/NDF :831.7/17

All: -0.073+/-0.005 χ^2/NDF : 2590.1/34

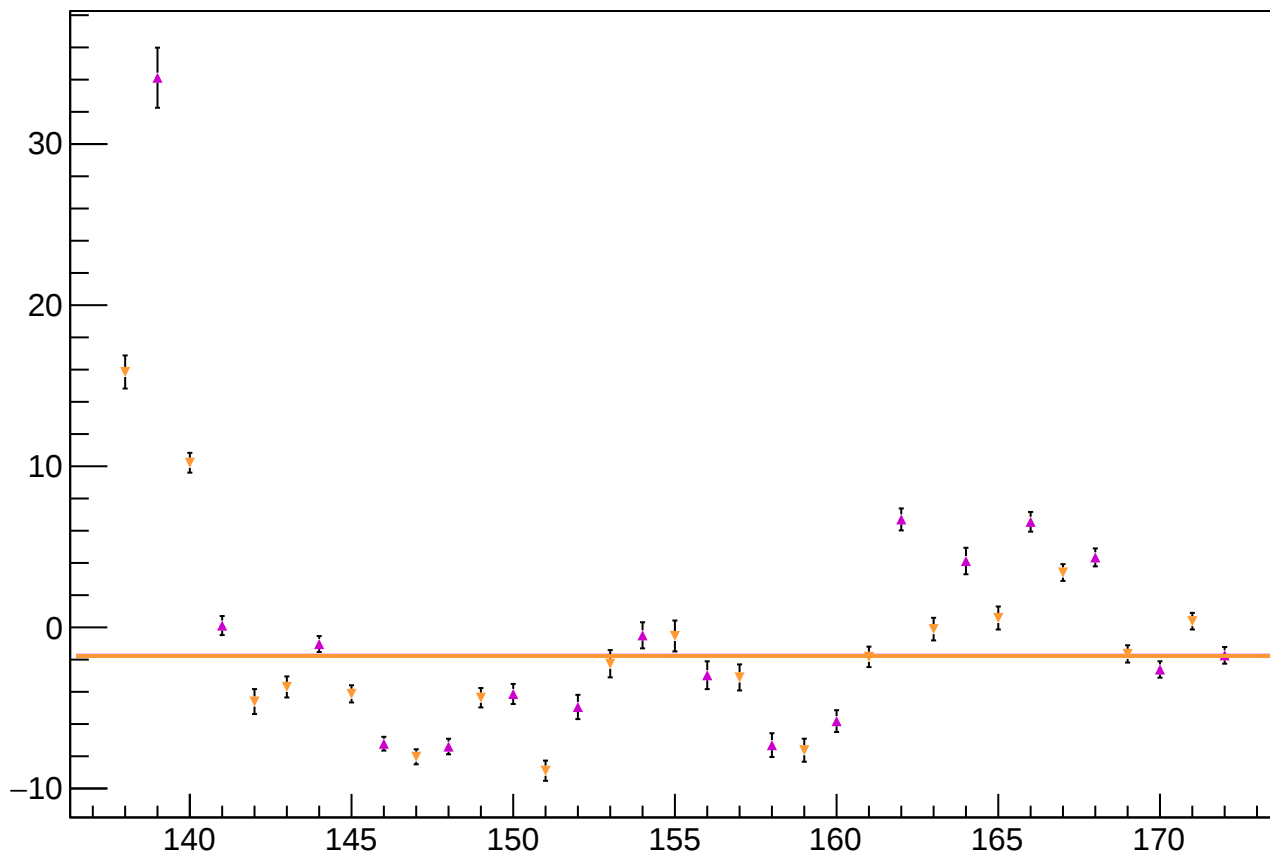
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.012+/-0.204 χ^2/NDF :2854.9/16

Left: -17.846+/-0.146 χ^2/NDF : 5420.0/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.012+/-0.204 χ^2/NDF :2854.9/16
 Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 All: -17.846+/-0.146 χ^2/NDF : 5420.0/34

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: -1.778+/-0.150 χ^2/NDF :1249.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.763+/-0.149 χ^2/NDF :1321.8/16

Left: -1.770+/-0.106 χ^2/NDF : 2570.9/34

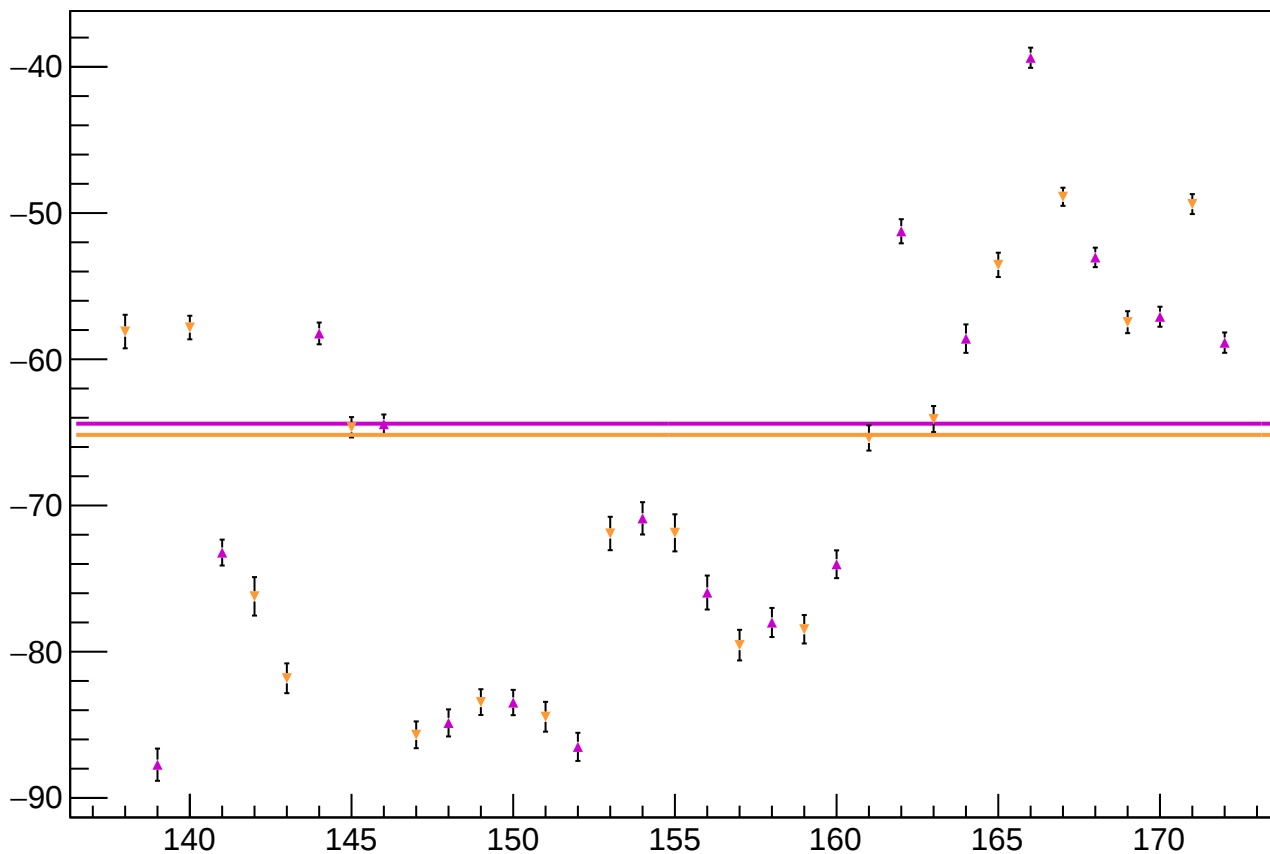
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.763+/-0.149 χ^2/NDF :1321.8/16

Out: -1.778+/-0.150 χ^2/NDF :1249.0/17

All: -1.770+/-0.106 χ^2/NDF : 2570.9/34

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.404+/-0.202 χ^2/NDF : 4614.9/16

Left: -64.778+/-0.145 χ^2/NDF : 8334.9/34

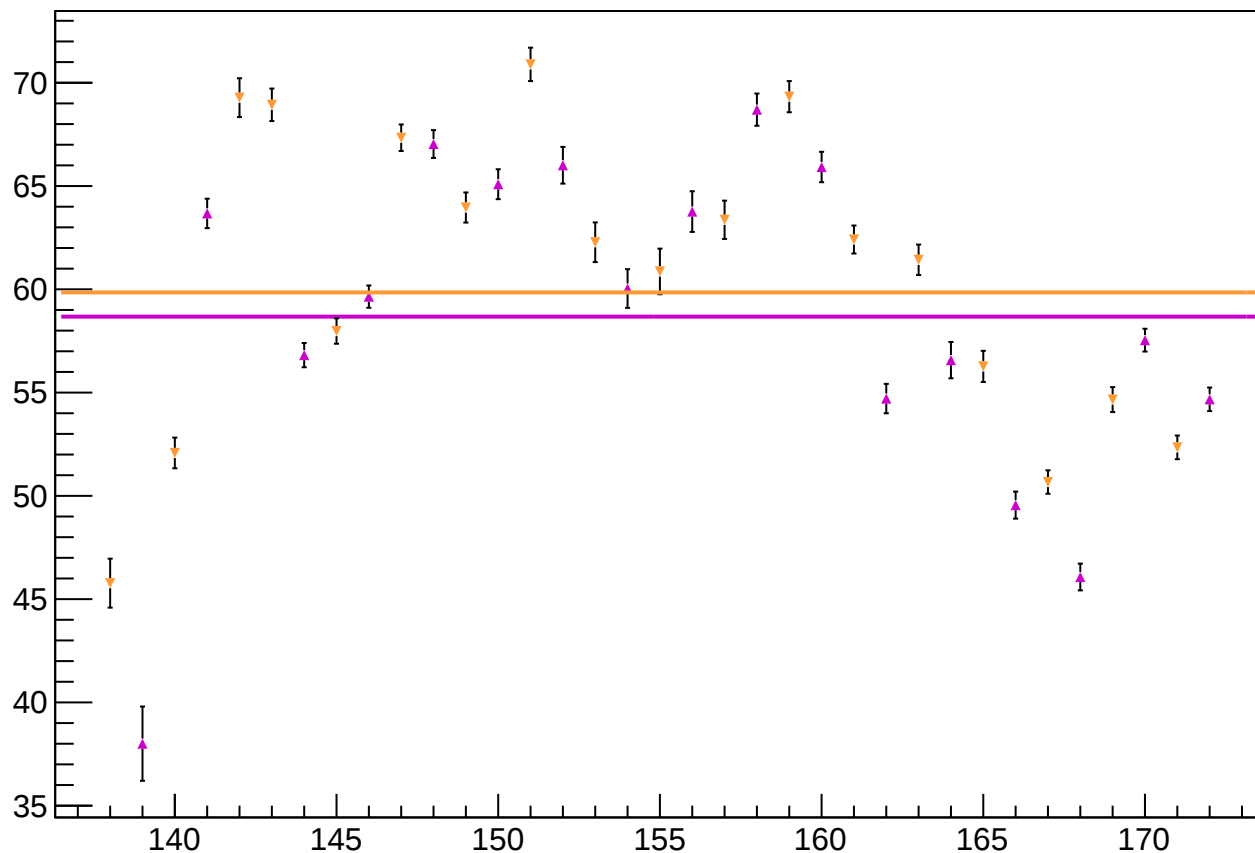
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.404+/-0.202 χ^2/NDF : 4614.9/16

Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17

All: -64.778+/-0.145 χ^2/NDF : 8334.9/34

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.848+/-0.173 χ^2/NDF :1575.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.677+/-0.172 χ^2/NDF :1448.7/16

Left: 59.256+/-0.122 χ^2/NDF : 3046.9/34

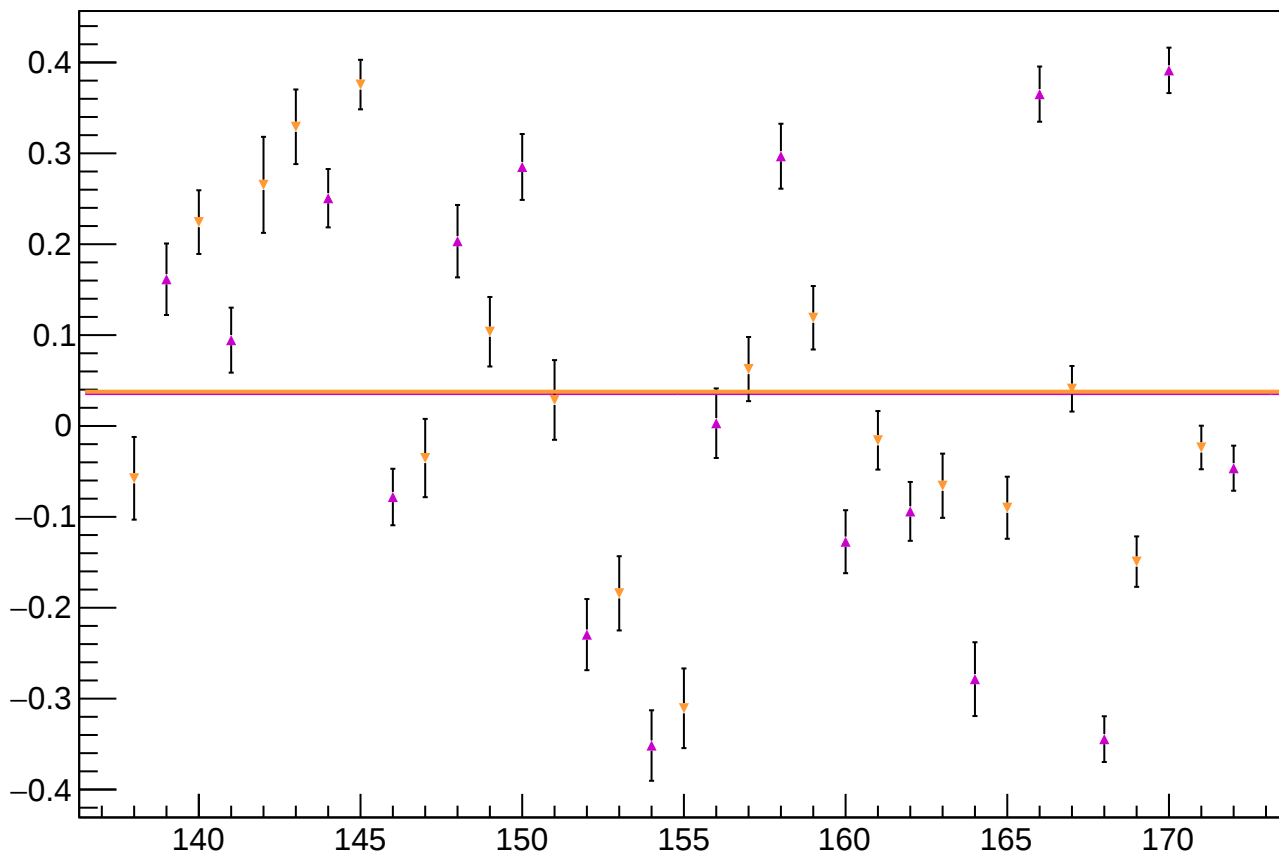
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.677+/-0.172 χ^2/NDF :1448.7/16

Out: 59.848+/-0.173 χ^2/NDF :1575.2/17

All: 59.256+/-0.122 χ^2/NDF : 3046.9/34

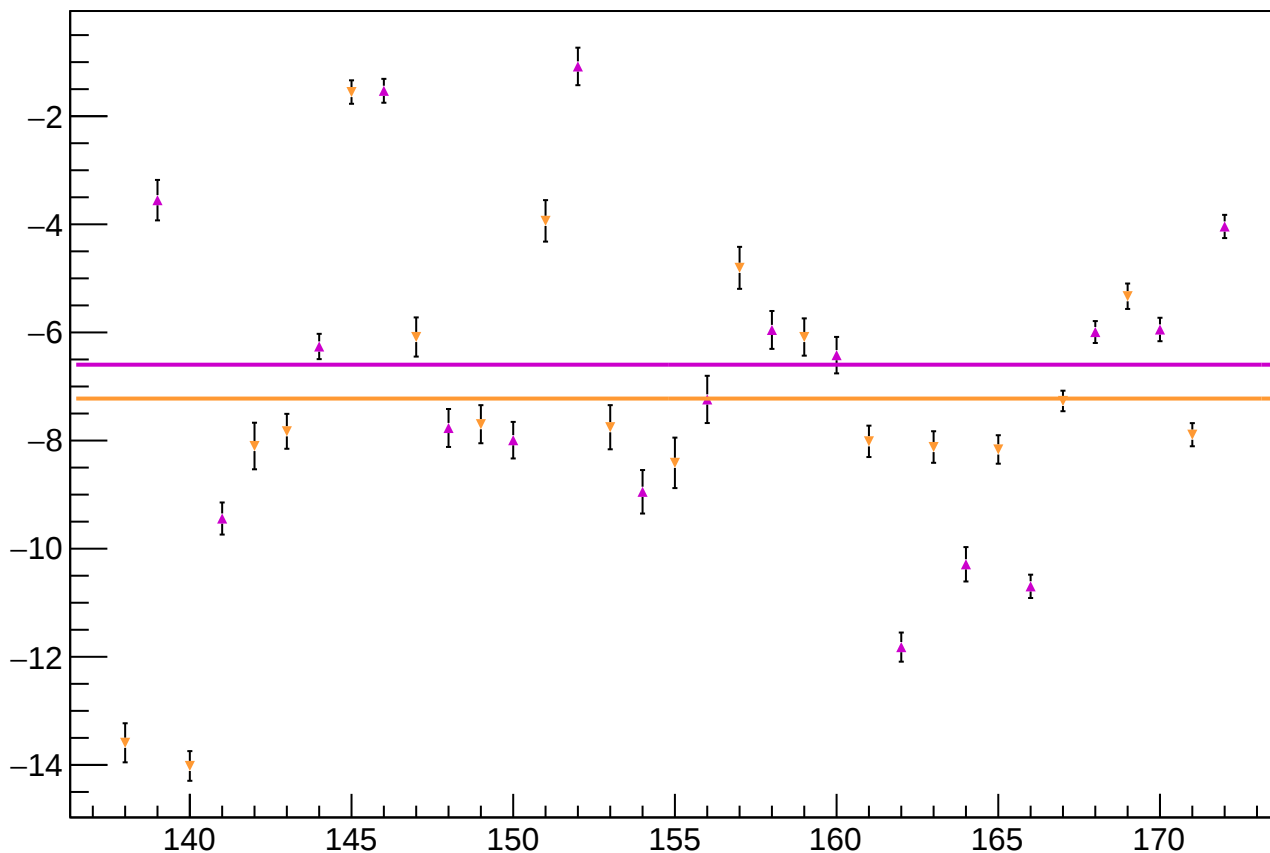
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16

Left: 0.037 $\pm$ 0.006 χ^2 /NDF: 1430.6/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16
 Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 All: 0.037 $\pm$ 0.006 χ^2 /NDF: 1430.6/34

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.223 $\pm$ 0.069 χ^2 /NDF:1860.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16

Left: -6.901 $\pm$ 0.048 χ^2 /NDF: 3940.8/34

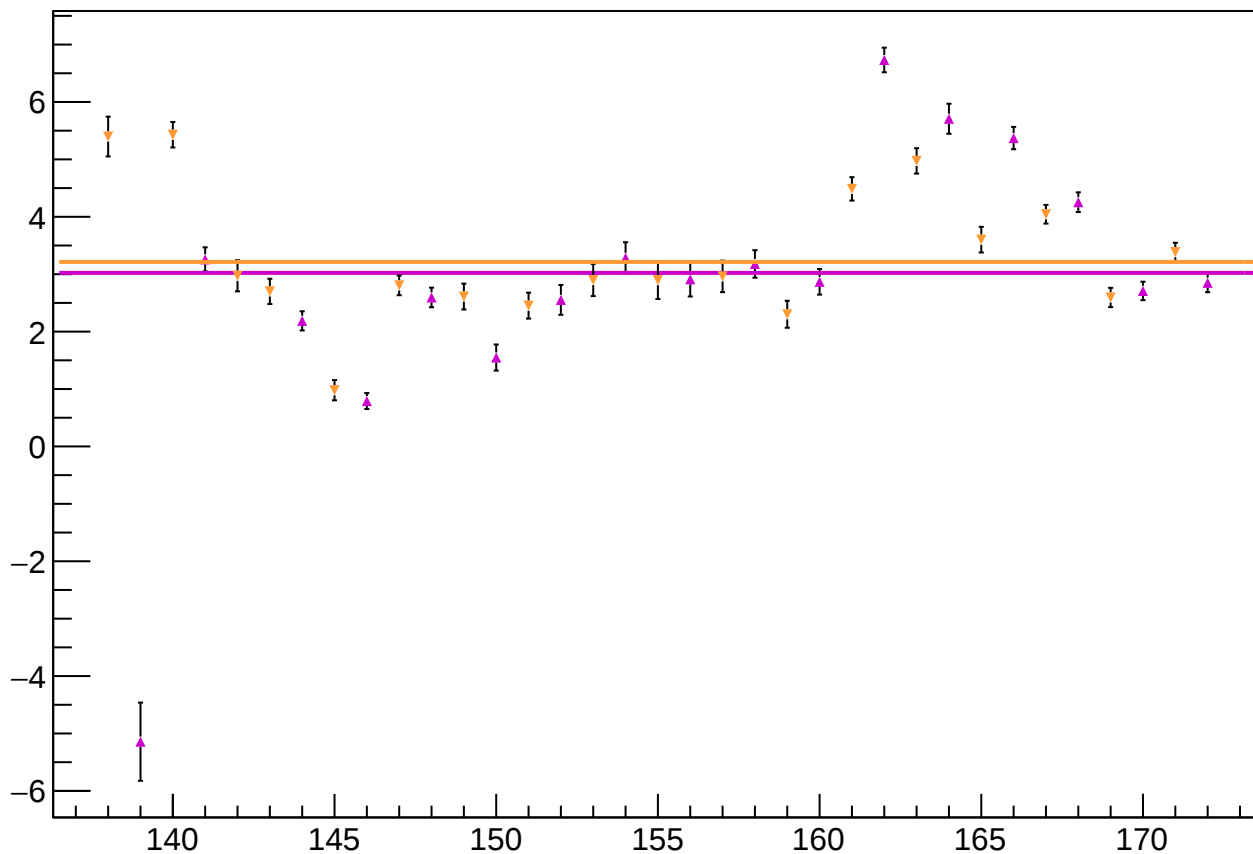
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16

Out: -7.223 $\pm$ 0.069 χ^2 /NDF:1860.0/17

All: -6.901 $\pm$ 0.048 χ^2 /NDF: 3940.8/34

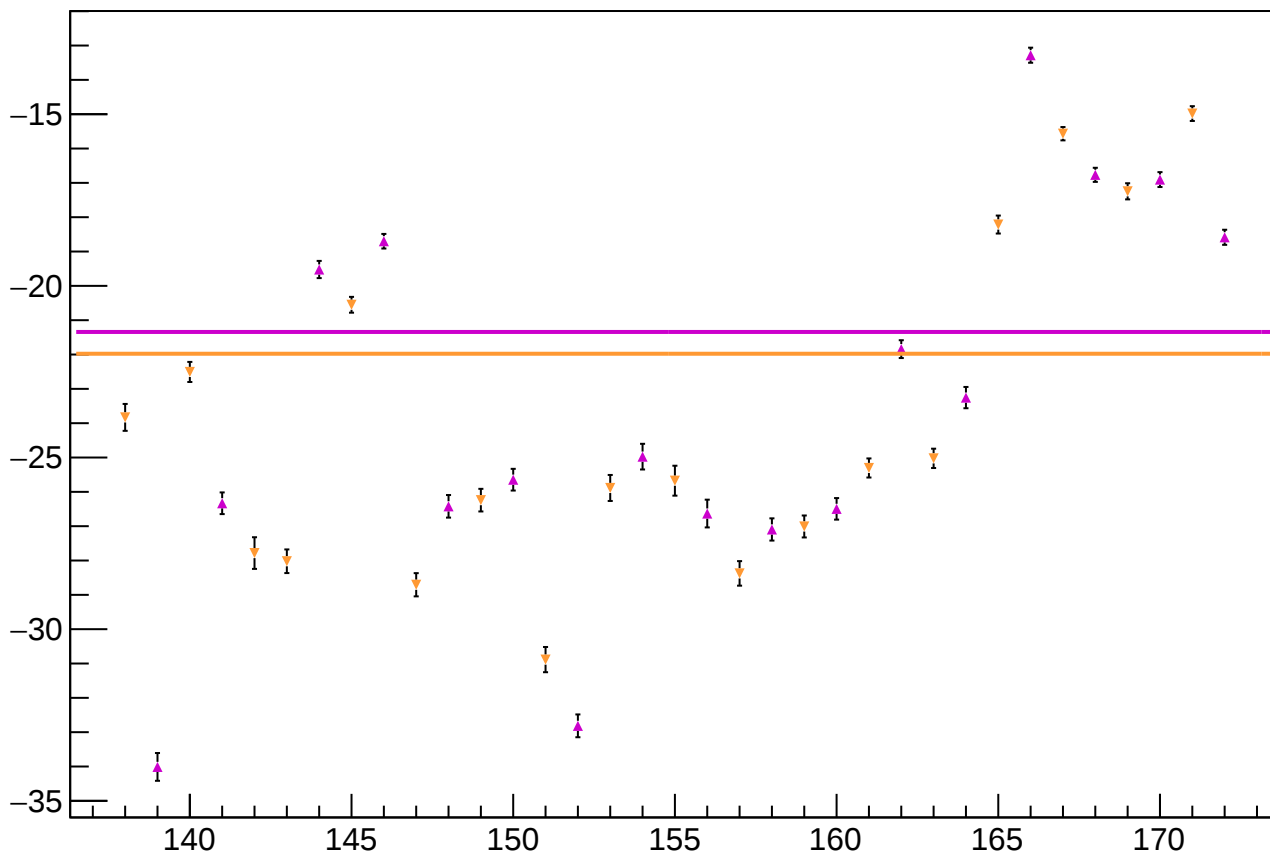
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.023+/-0.049 χ^2/NDF :1085.9/16

Left: 3.116+/-0.035 χ^2/NDF : 1587.6/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.023+/-0.049 χ^2/NDF :1085.9/16
 Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 All: 3.116+/-0.035 χ^2/NDF : 1587.6/34

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: -21.977+/-0.069 χ^2/NDF :5444.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.343+/-0.066 χ^2/NDF :6366.0/16

Left: -21.649+/-0.048 χ^2/NDF : 11854.2/34

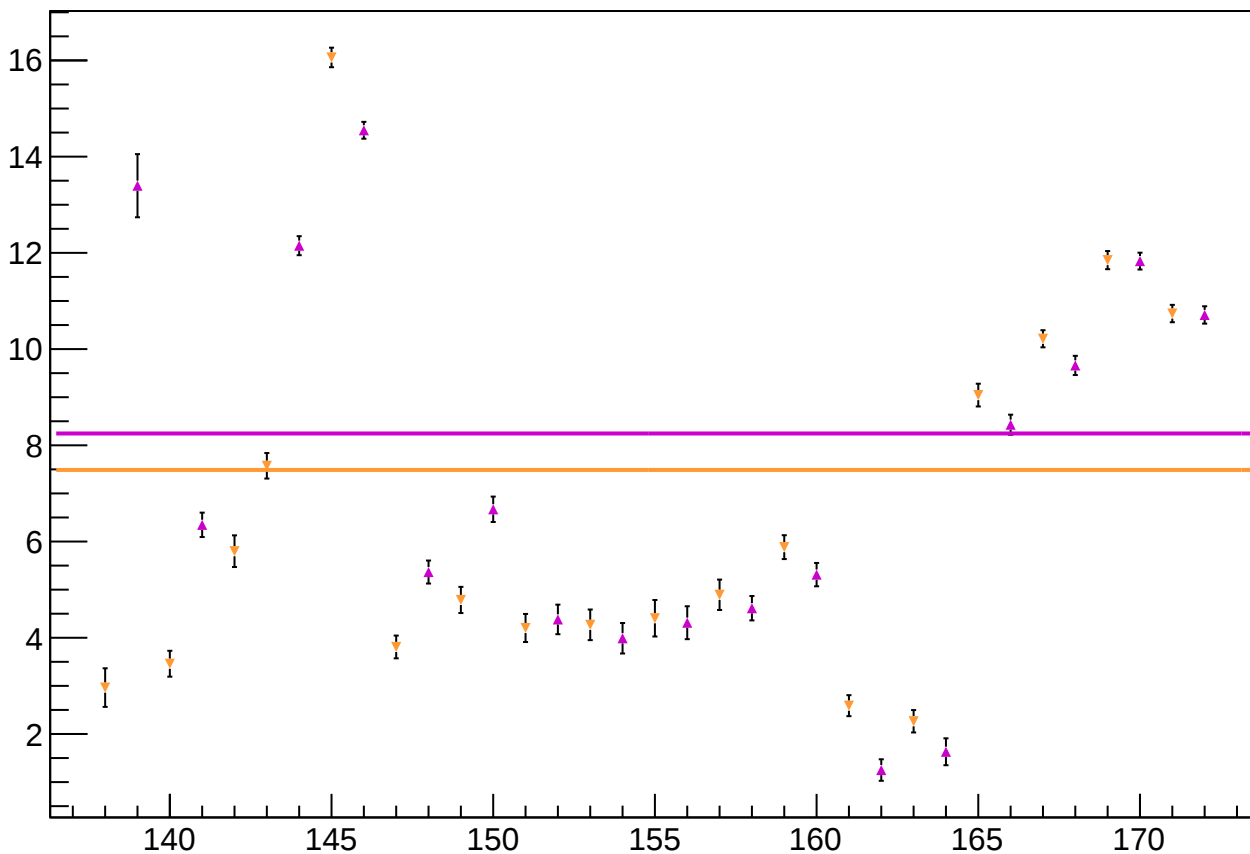
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.343+/-0.066 χ^2/NDF :6366.0/16

Out: -21.977+/-0.069 χ^2/NDF :5444.1/17

All: -21.649+/-0.048 χ^2/NDF : 11854.2/34

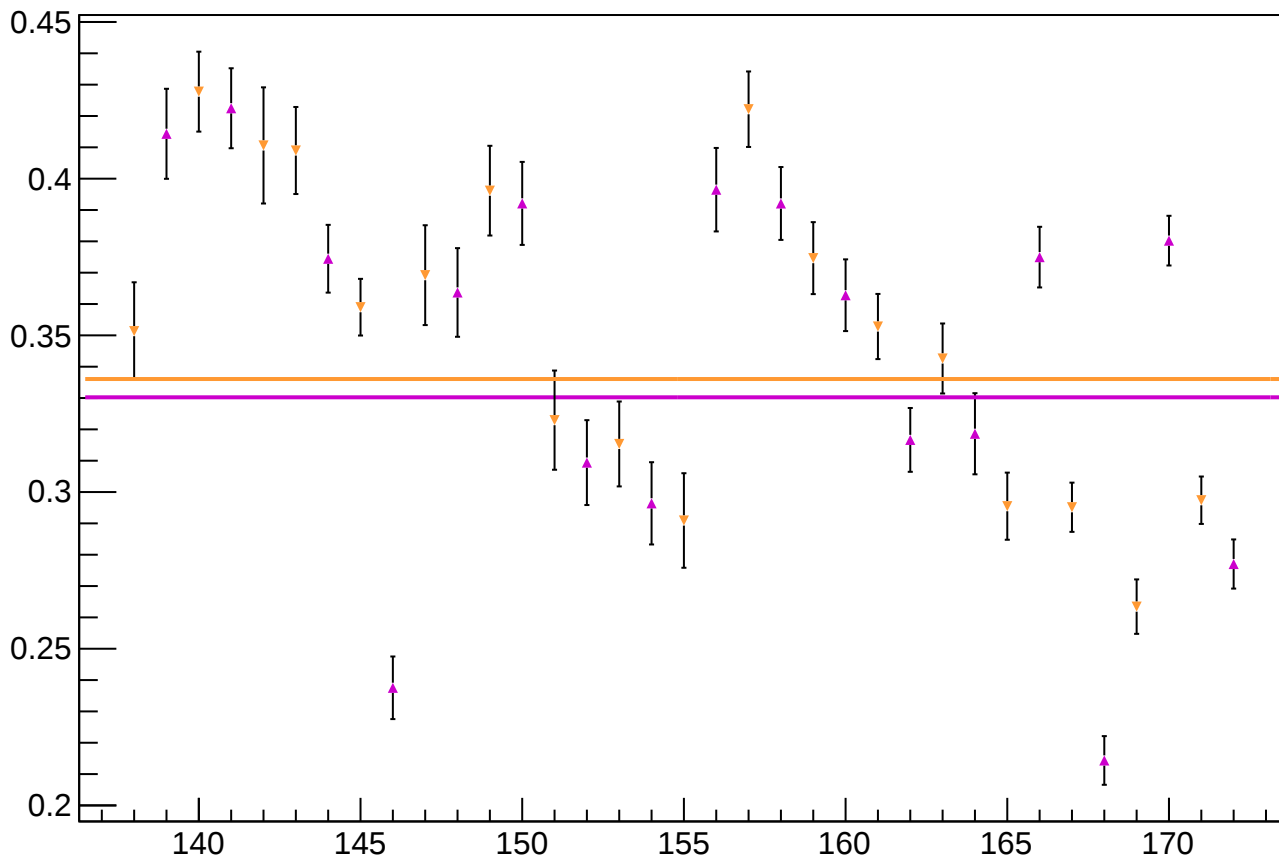
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.246+/-0.056 χ^2/NDF :5005.3/16

Left: 7.875+/-0.040 χ^2/NDF : 10141.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.246+/-0.056 χ^2/NDF :5005.3/16
 Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 All: 7.875+/-0.040 χ^2/NDF : 10141.7/34

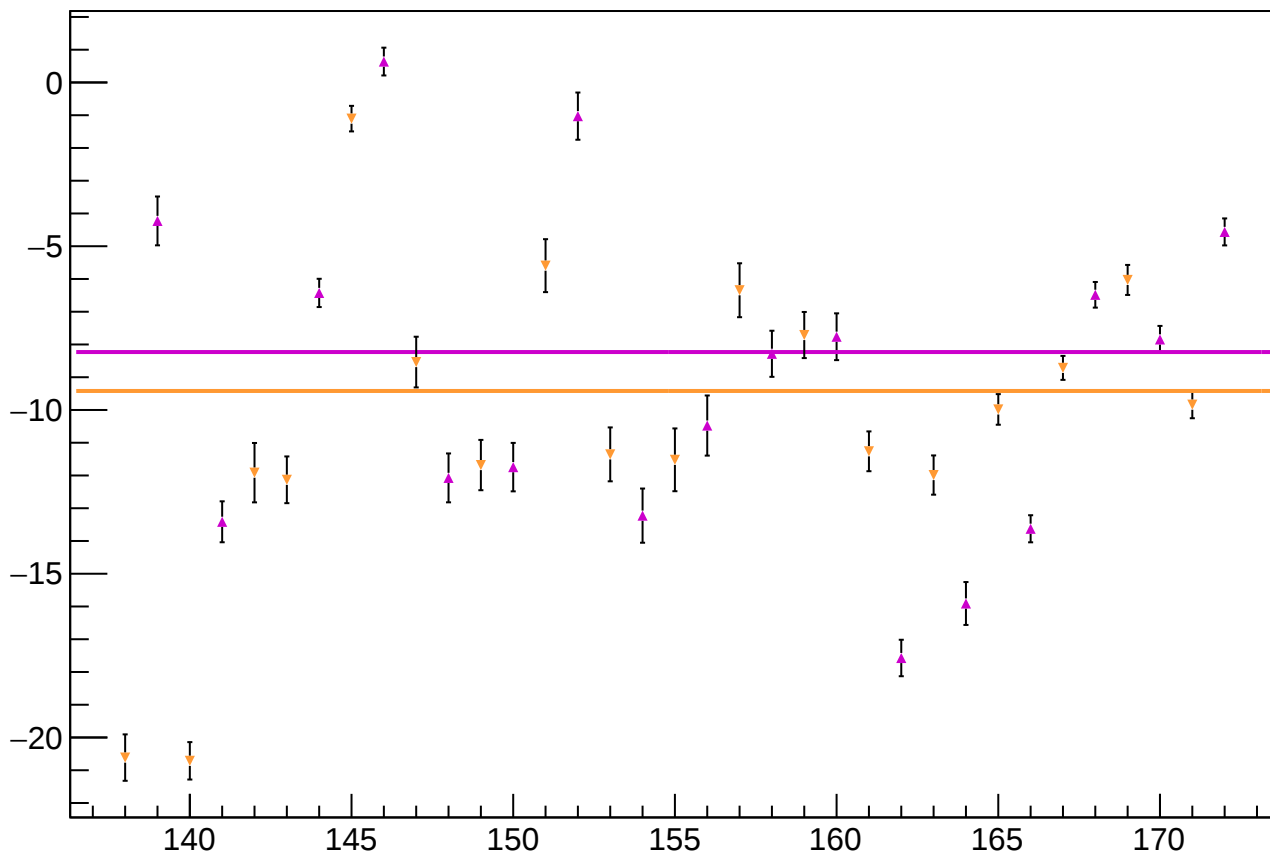
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16

Left: 0.333 $\pm$ 0.002 χ^2 /NDF: 961.3/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16
 Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 All: 0.333 $\pm$ 0.002 χ^2 /NDF: 961.3/34

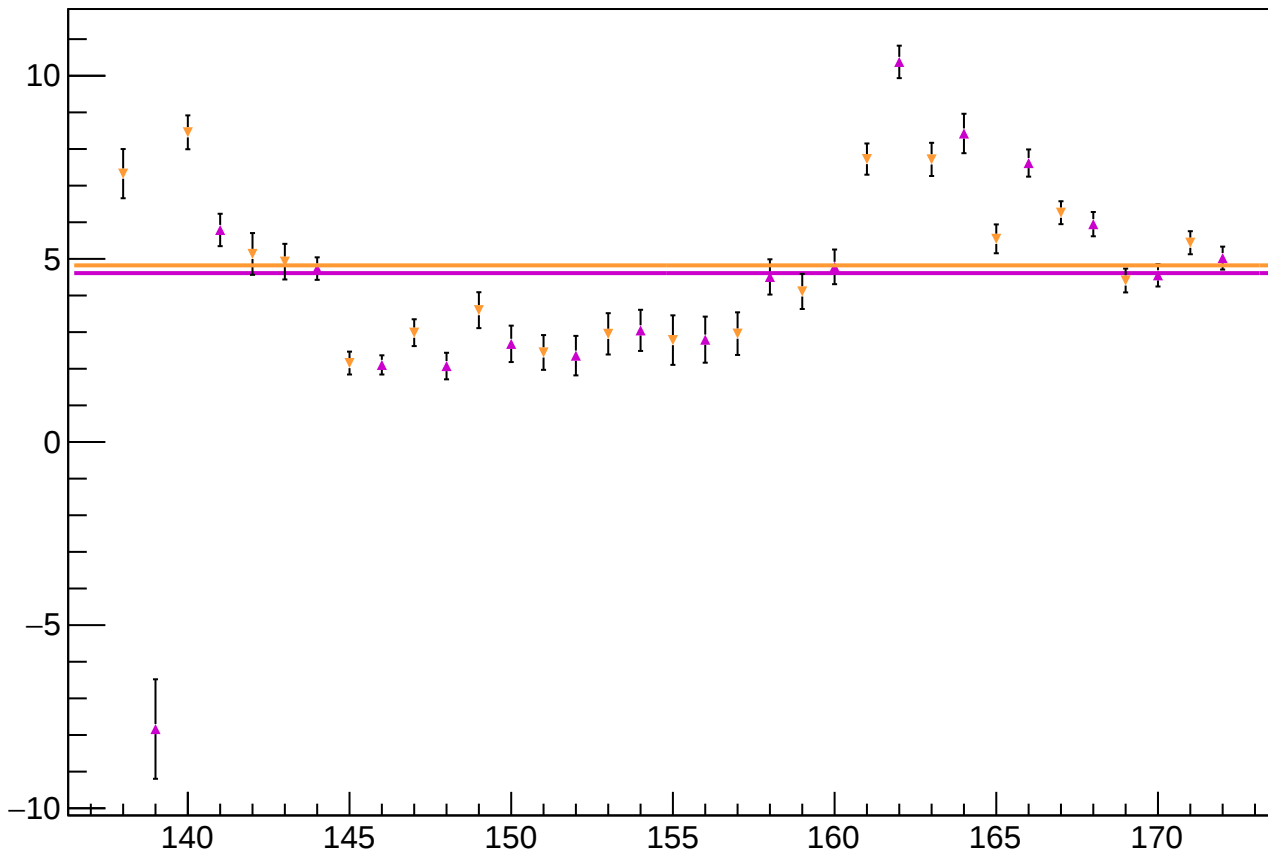
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.420 $\pm$ 0.136 χ^2 /NDF:1267.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.231 $\pm$ 0.132 χ^2 /NDF:1433.3/16

Left: -8.808 $\pm$ 0.095 χ^2 /NDF: 2740.1/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.231 $\pm$ 0.132 χ^2 /NDF:1433.3/16
 Out: -9.420 $\pm$ 0.136 χ^2 /NDF:1267.6/17
 All: -8.808 $\pm$ 0.095 χ^2 /NDF: 2740.1/34

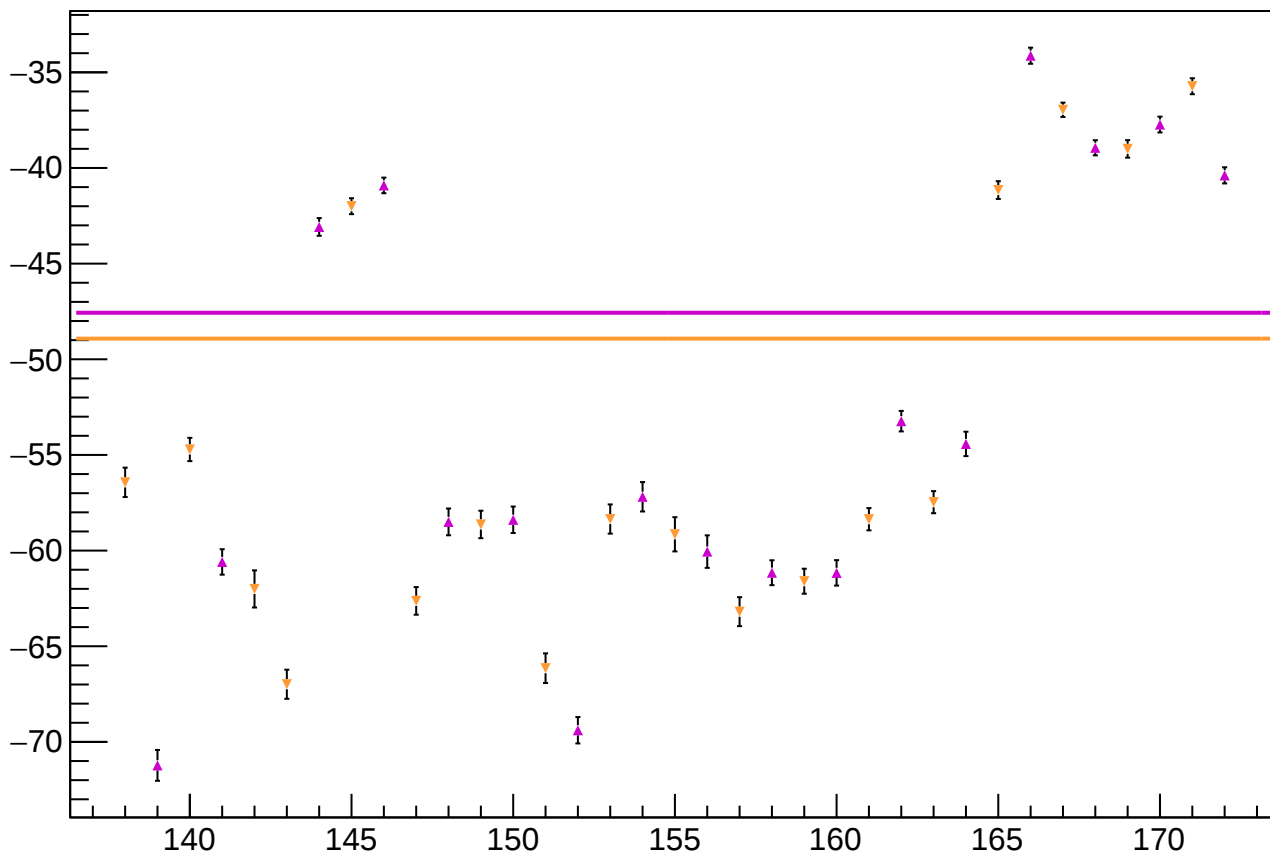
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.823 $\pm$ 0.100 χ^2 /NDF:355.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.612 $\pm$ 0.097 χ^2 /NDF:583.4/16

Left: 4.714 $\pm$ 0.070 χ^2 /NDF: 940.9/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.612 $\pm$ 0.097 χ^2 /NDF:583.4/16
 Out: 4.823 $\pm$ 0.100 χ^2 /NDF:355.2/17
 All: 4.714 $\pm$ 0.070 χ^2 /NDF: 940.9/34

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Left: -48.219+/-0.095 χ^2/NDF : 13466.4/34

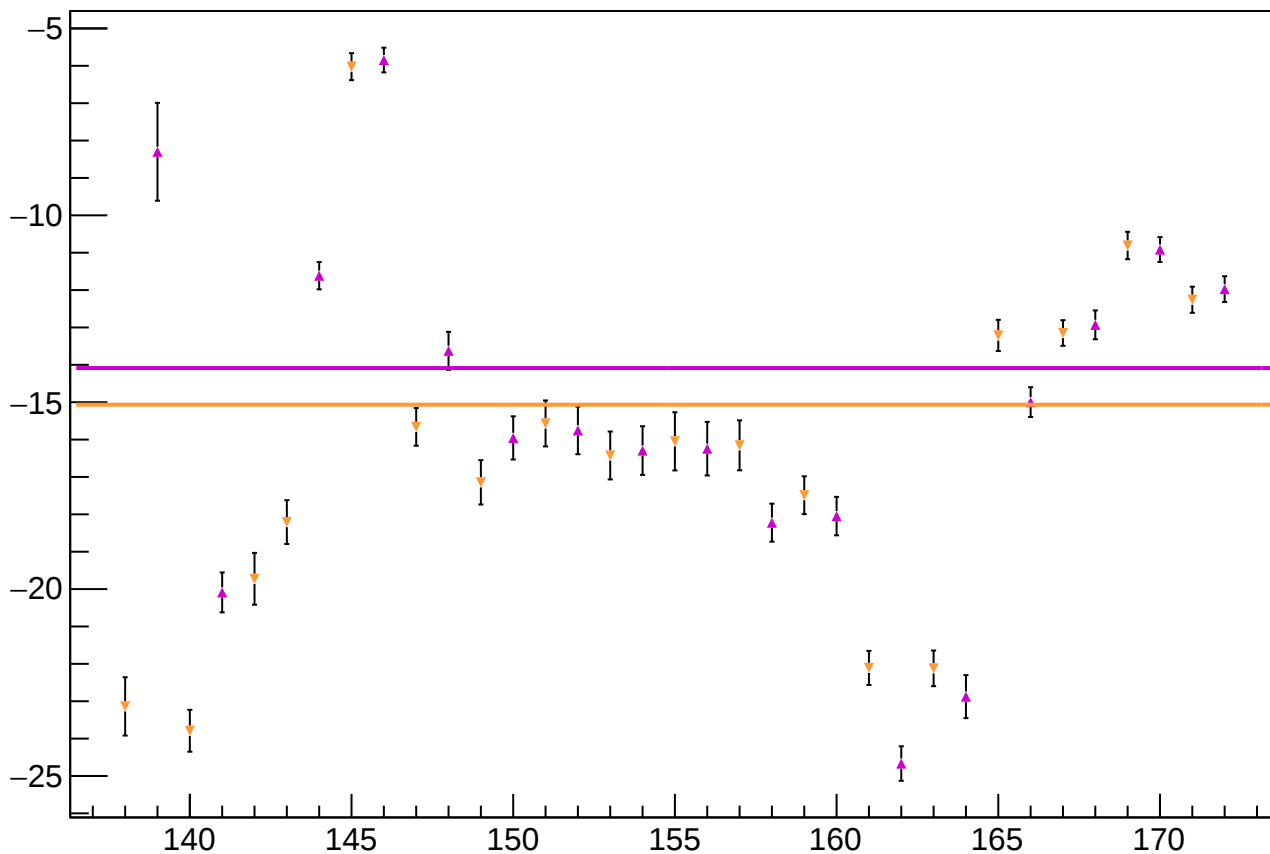
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

All: -48.219+/-0.095 χ^2/NDF : 13466.4/34

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.066+/-0.115 χ^2/NDF :1805.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.086+/-0.112 χ^2/NDF :1875.7/16

Left: -14.564+/-0.080 χ^2/NDF : 3719.0/34

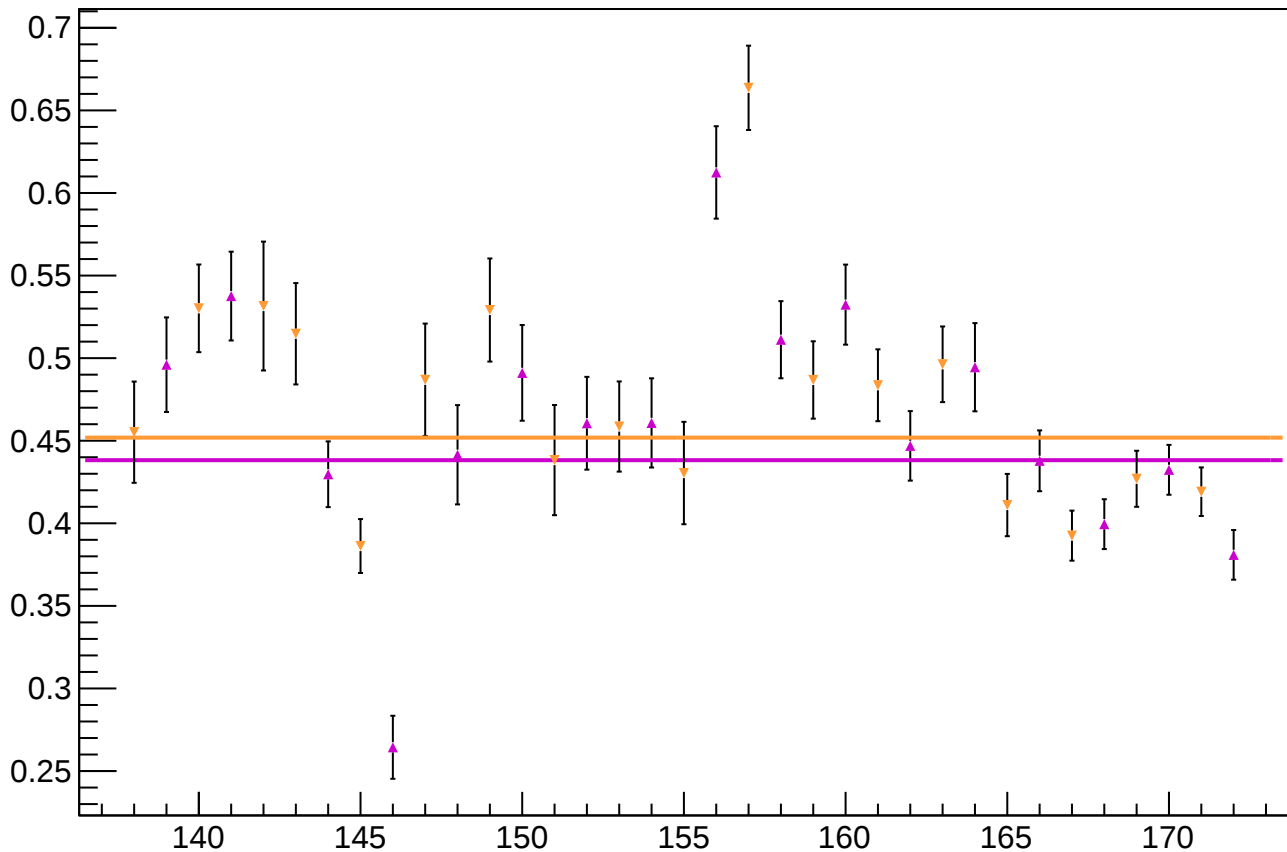
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.086+/-0.112 χ^2/NDF :1875.7/16

Out: -15.066+/-0.115 χ^2/NDF :1805.7/17

All: -14.564+/-0.080 χ^2/NDF : 3719.0/34

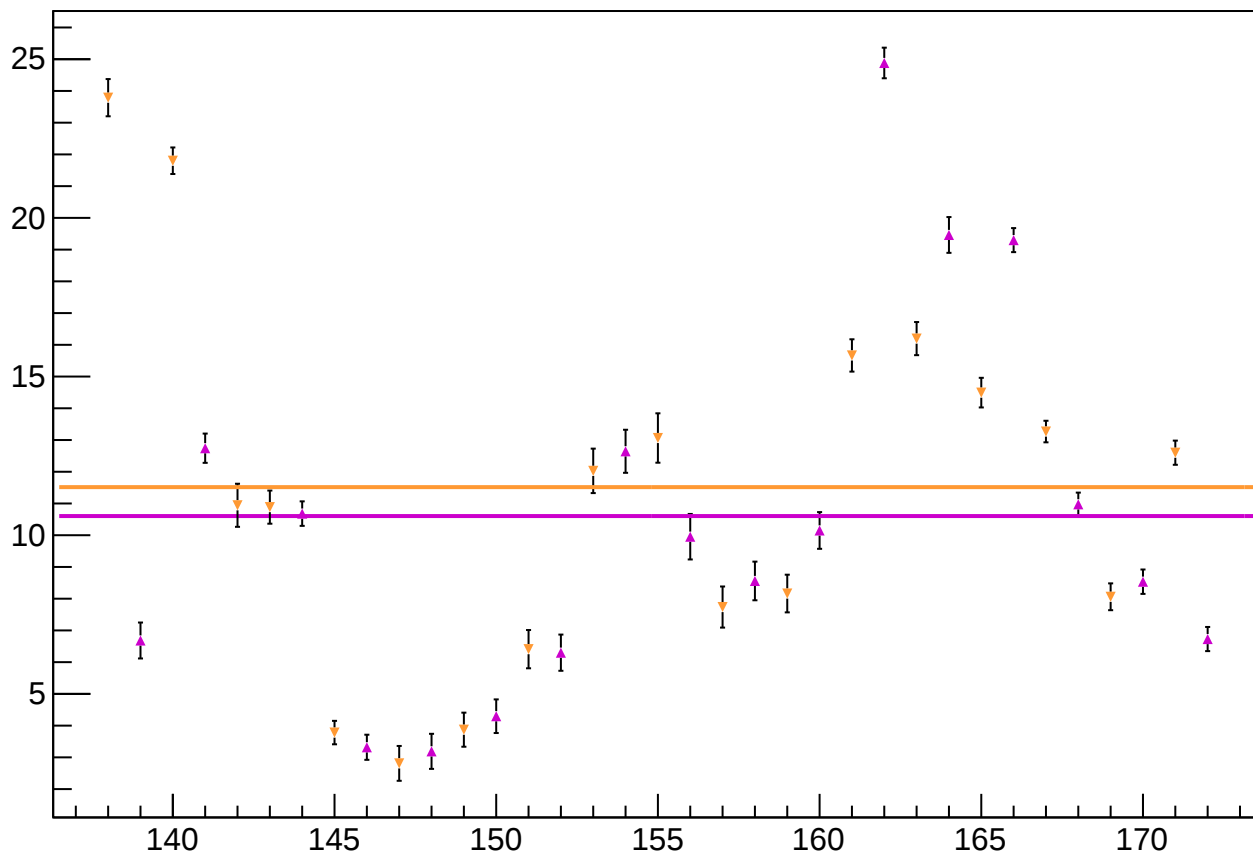
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.452 ± 0.005 χ^2/NDF : 145.2/17
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.438 ± 0.005 χ^2/NDF : 195.1/16

Left: 0.445 ± 0.004 χ^2/NDF : 343.7/34
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.438 ± 0.005 χ^2/NDF : 195.1/16
 Out: 0.452 ± 0.005 χ^2/NDF : 145.2/17
 All: 0.445 ± 0.004 χ^2/NDF : 343.7/34

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: 11.515+/-0.117 χ^2/NDF :2367.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.604+/-0.115 χ^2/NDF :2593.3/16

Left: 11.052+/-0.082 χ^2/NDF : 4992.2/34

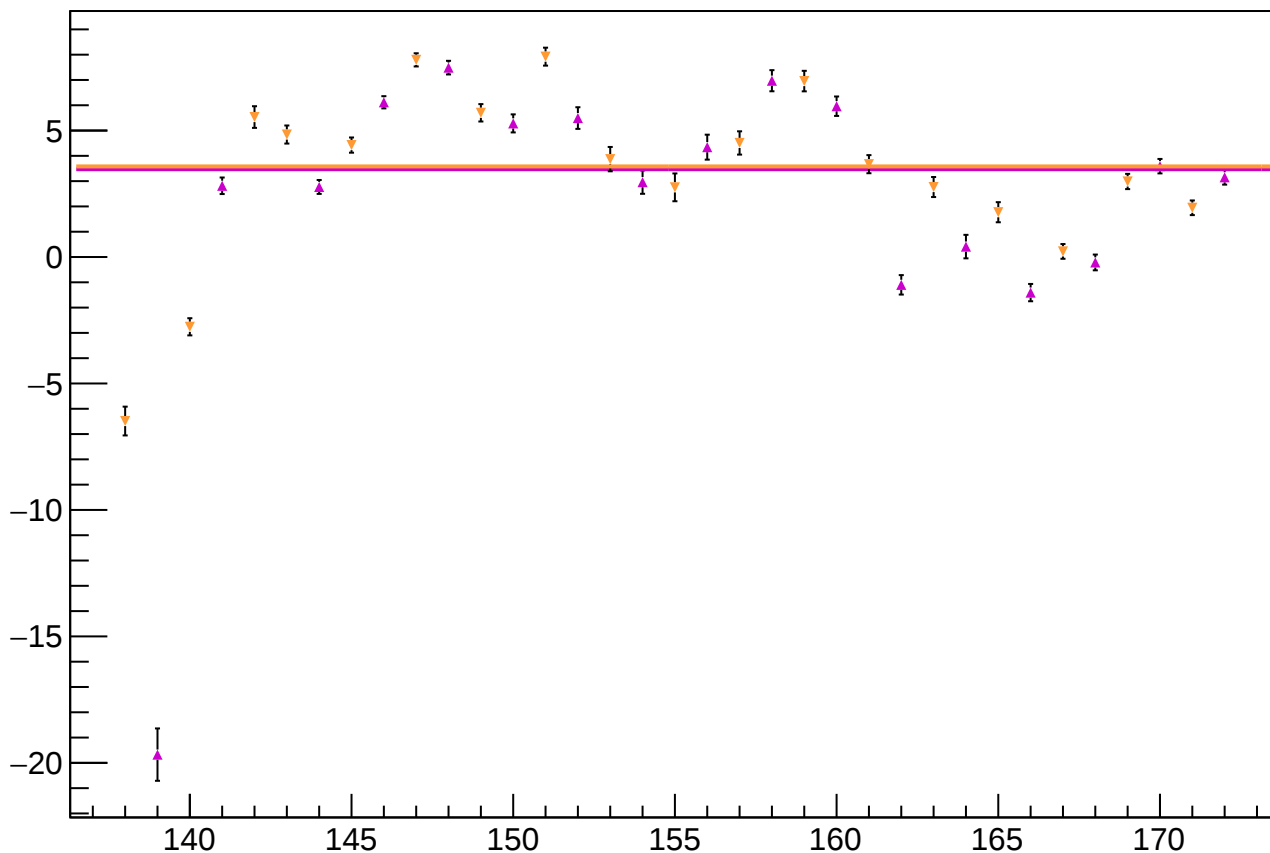
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.604+/-0.115 χ^2/NDF :2593.3/16

Out: 11.515+/-0.117 χ^2/NDF :2367.8/17

All: 11.052+/-0.082 χ^2/NDF : 4992.2/34

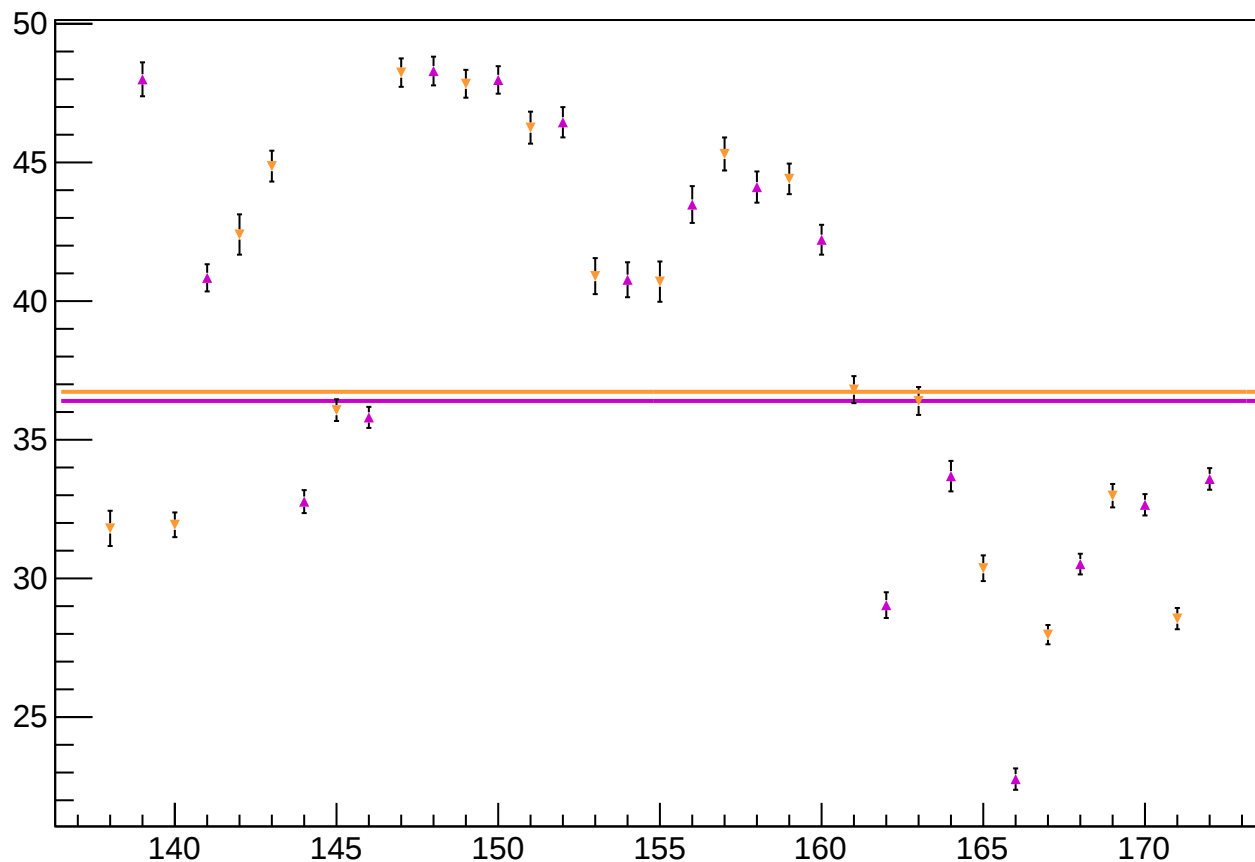
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.473 $\pm$ 0.084 χ^2 /NDF:1546.6/16

Left: 3.527 $\pm$ 0.059 χ^2 /NDF: 2968.4/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.473 $\pm$ 0.084 χ^2 /NDF:1546.6/16
 Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 All: 3.527 $\pm$ 0.059 χ^2 /NDF: 2968.4/34

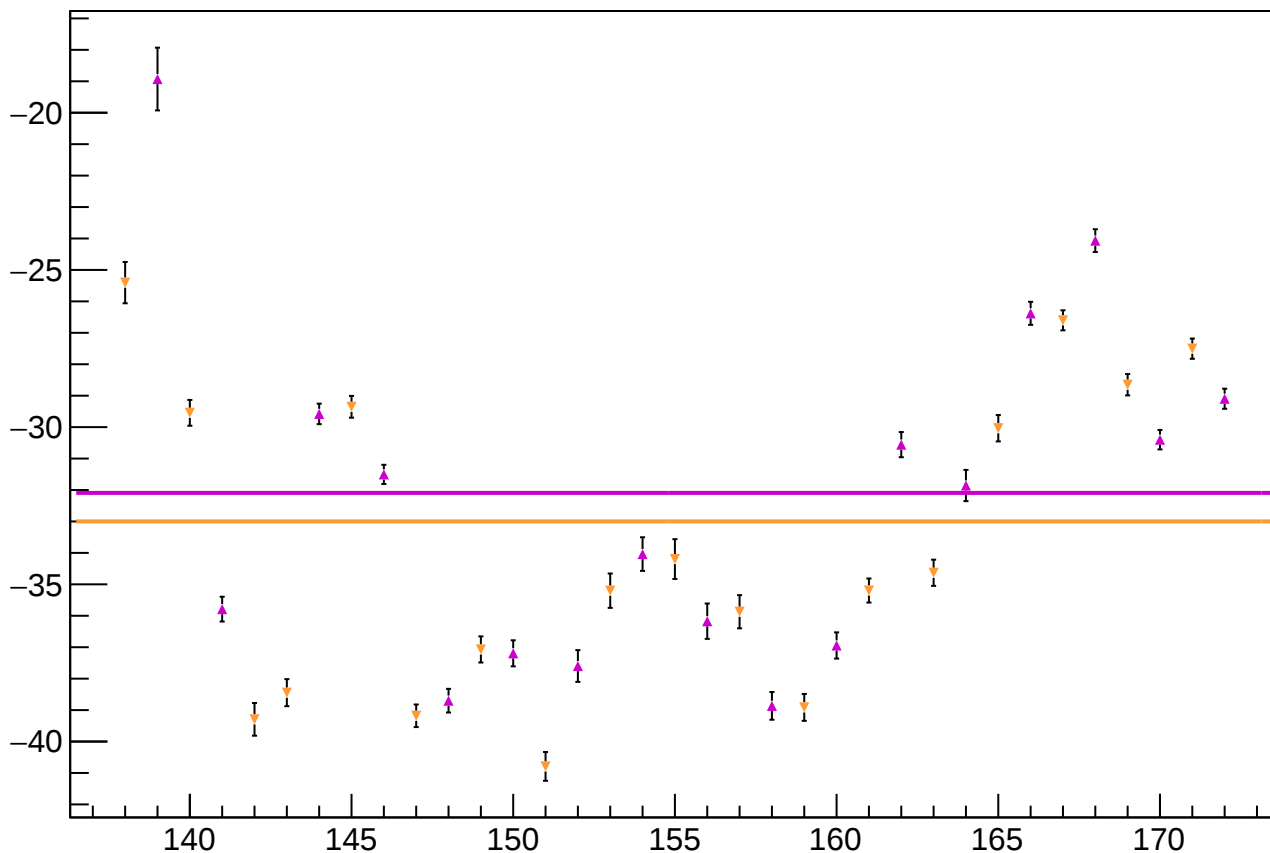
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 36.400 $\pm$ 0.114 χ^2 /NDF:4320.0/16

Left: 36.561 $\pm$ 0.081 χ^2 /NDF: 7872.6/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 36.400 $\pm$ 0.114 χ^2 /NDF:4320.0/16
 Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 All: 36.561 $\pm$ 0.081 χ^2 /NDF: 7872.6/34

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.092+/-0.096 χ^2/NDF :2206.8/16

Left: -32.541+/-0.069 χ^2/NDF : 4753.4/34

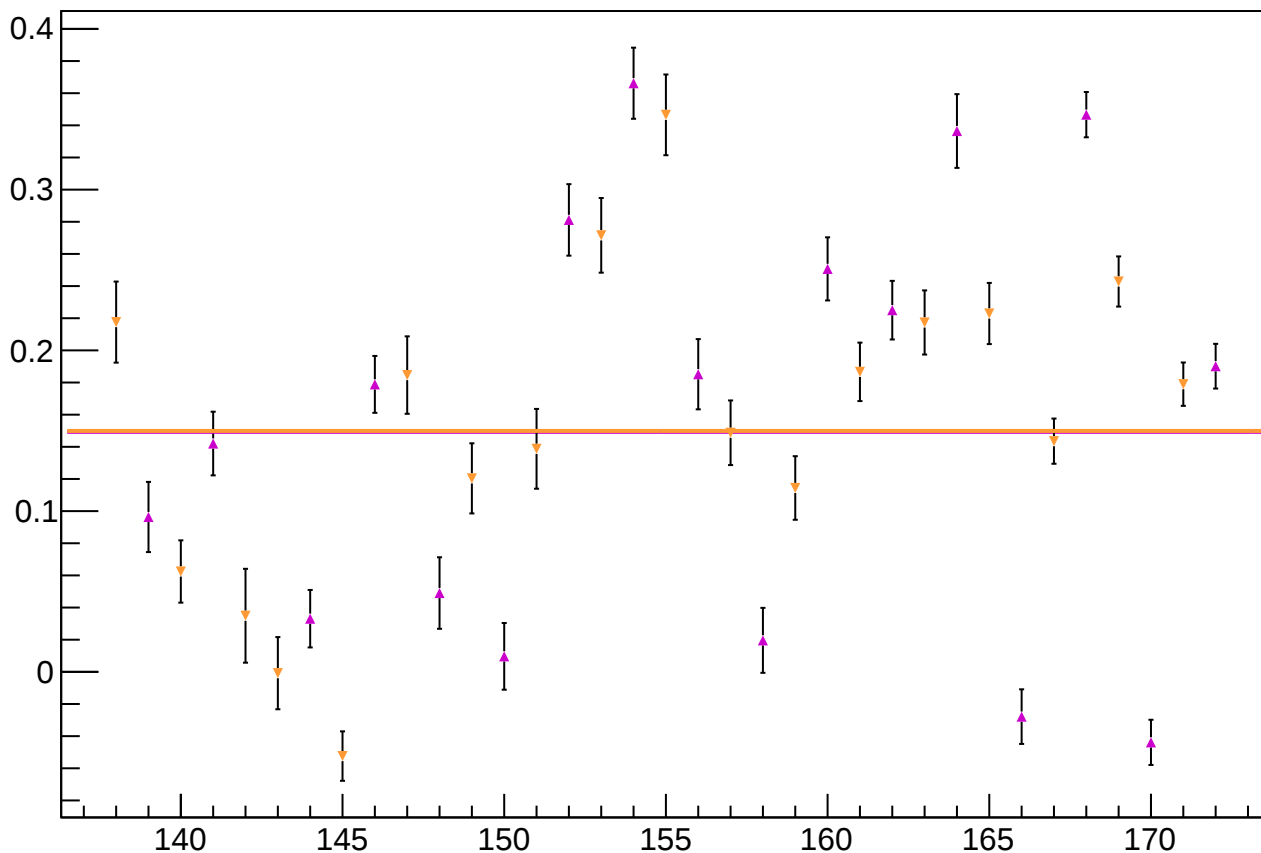
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.092+/-0.096 χ^2/NDF :2206.8/16

Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

All: -32.541+/-0.069 χ^2/NDF : 4753.4/34

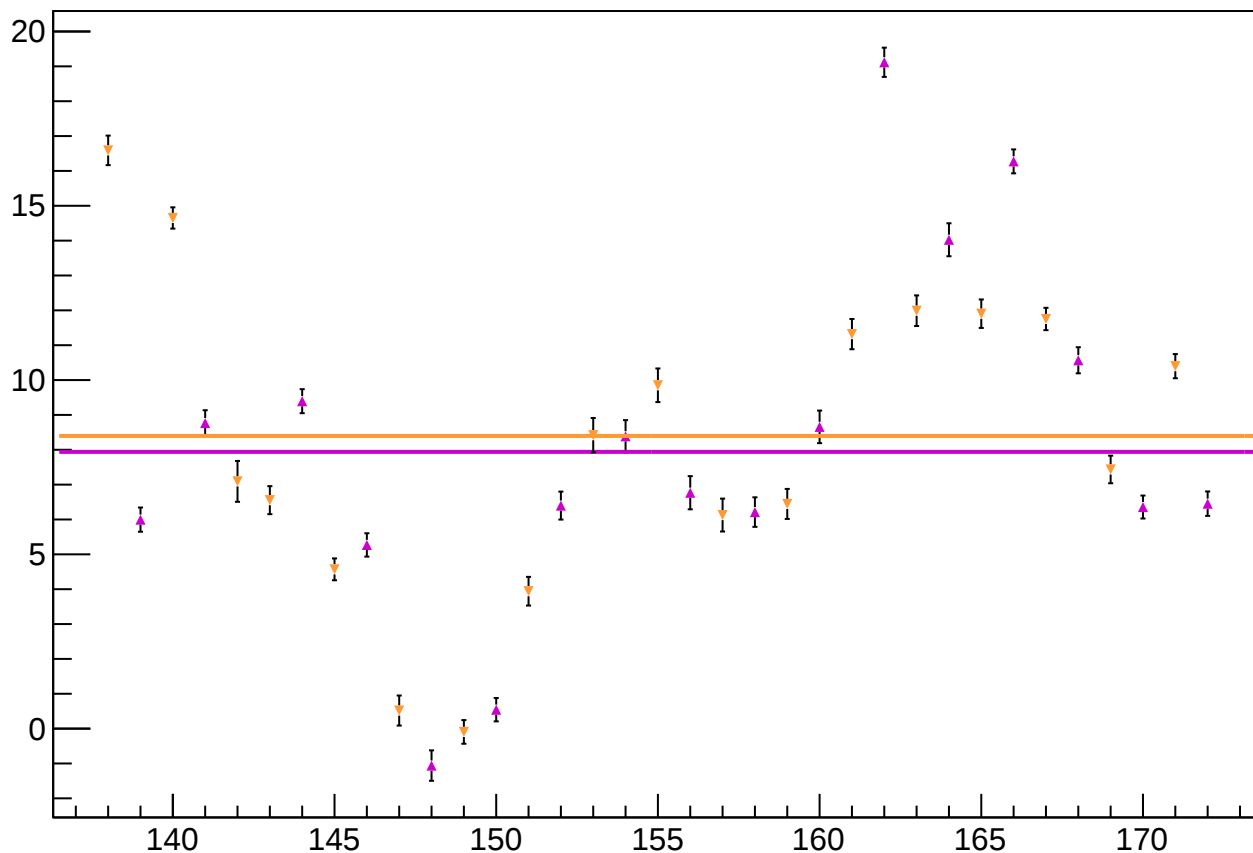
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16

Left: 0.150 $\pm$ 0.003 χ^2 /NDF: 1332.5/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16
 Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 All: 0.150 $\pm$ 0.003 χ^2 /NDF: 1332.5/34

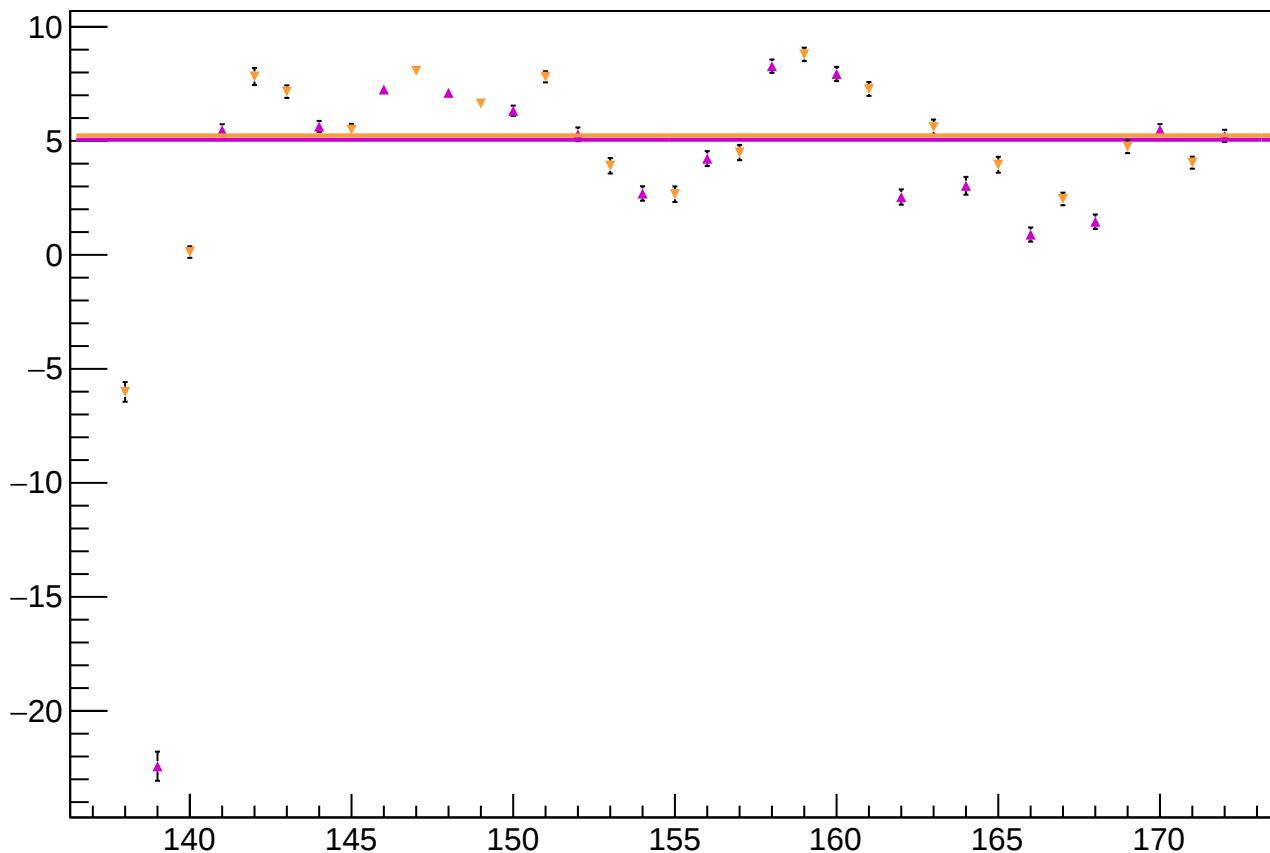
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.940 $\pm$ 0.093 χ^2 /NDF:2626.1/16

Left: 8.168 $\pm$ 0.066 χ^2 /NDF: 5072.2/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.940 $\pm$ 0.093 χ^2 /NDF:2626.1/16
 Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 All: 8.168 $\pm$ 0.066 χ^2 /NDF: 5072.2/34

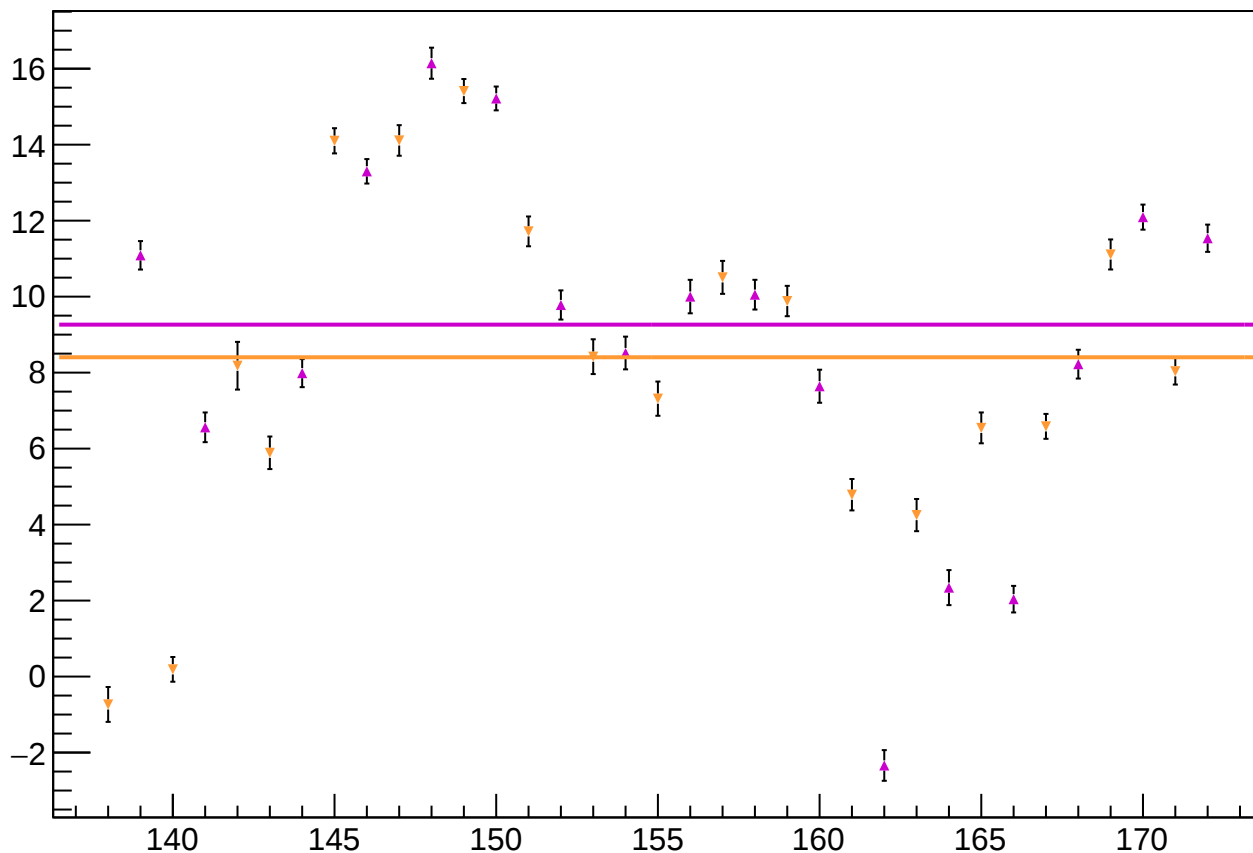
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16

Left: 5.147 $\pm$ 0.048 χ^2 /NDF: 4687.9/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16
 Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 All: 5.147 $\pm$ 0.048 χ^2 /NDF: 4687.9/34

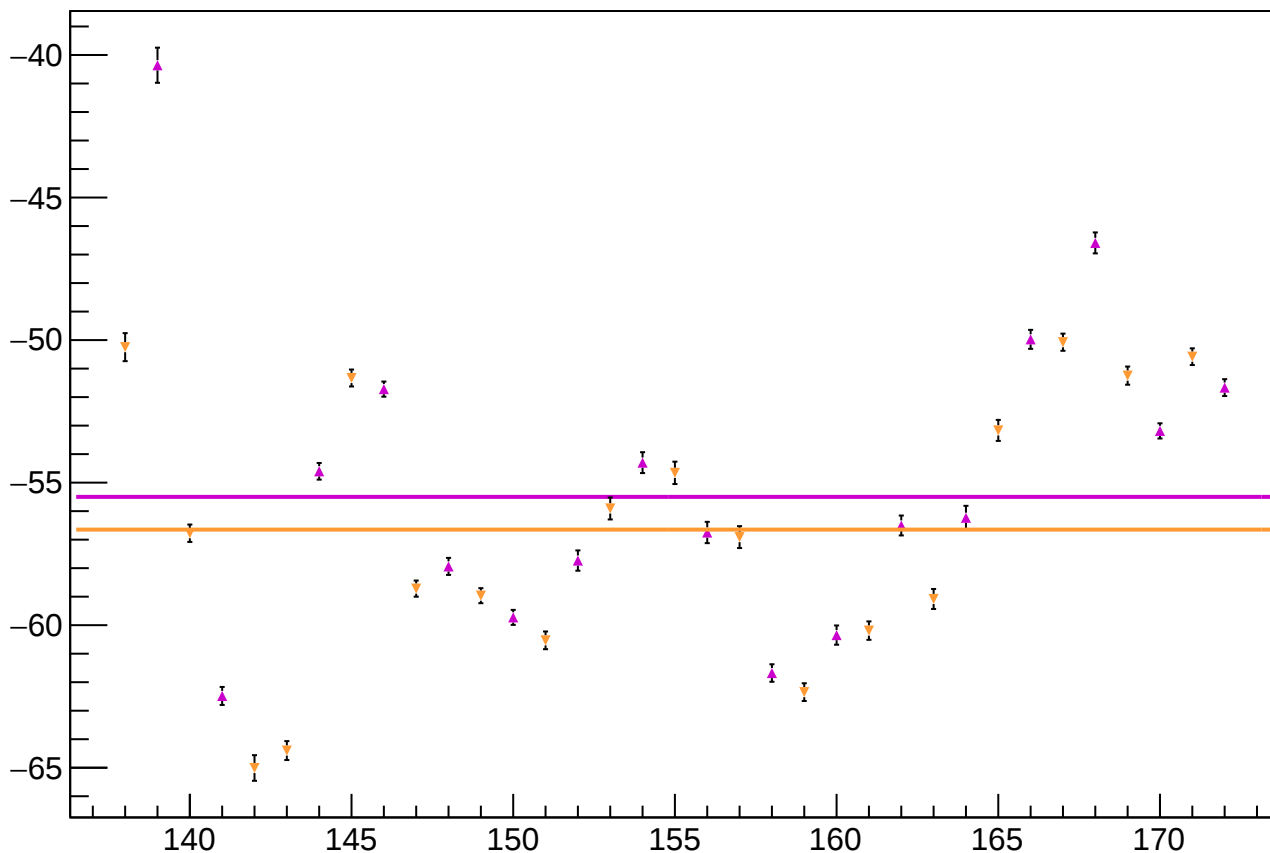
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.404 $\pm$ 0.093 χ^2/NDF :2438.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 9.263 $\pm$ 0.092 χ^2/NDF :2509.0/16

Left: 8.838 $\pm$ 0.065 χ^2/NDF : 4991.1/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 9.263 $\pm$ 0.092 χ^2/NDF :2509.0/16
 Out: 8.404 $\pm$ 0.093 χ^2/NDF :2438.7/17
 All: 8.838 $\pm$ 0.065 χ^2/NDF : 4991.1/34

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

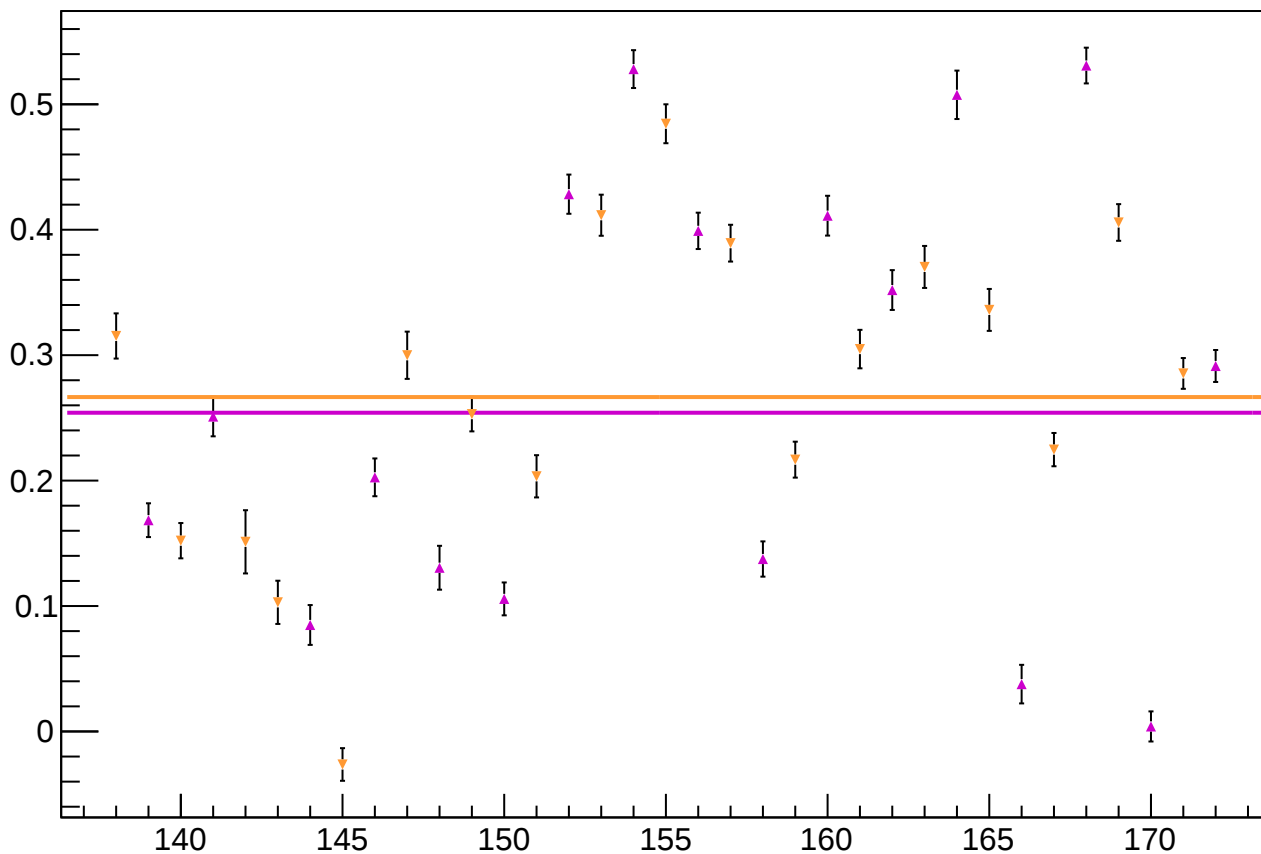


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.647+/-0.078 χ^2/NDF :3483.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.500+/-0.079 χ^2/NDF :3418.4/16

Left: -56.079+/-0.055 χ^2/NDF : 7009.4/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.500+/-0.079 χ^2/NDF :3418.4/16
 Out: -56.647+/-0.078 χ^2/NDF :3483.1/17

All: -56.079+/-0.055 χ^2/NDF : 7009.4/34

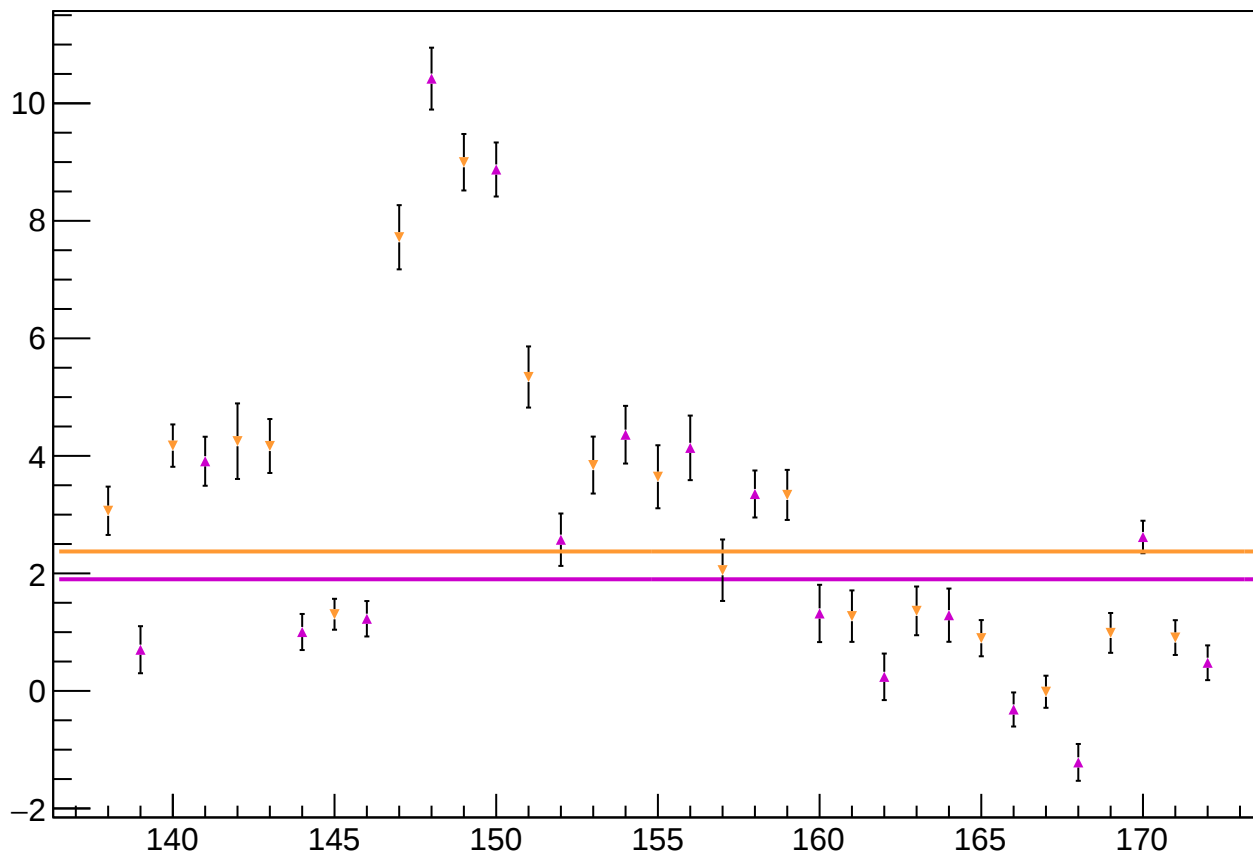
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.267+/-0.004 χ^2/NDF :1232.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.254+/-0.004 χ^2/NDF :2293.4/16

Left: 0.260+/-0.003 χ^2/NDF : 3531.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.254+/-0.004 χ^2/NDF :2293.4/16
 Out: 0.267+/-0.004 χ^2/NDF :1232.2/17
 All: 0.260+/-0.003 χ^2/NDF : 3531.7/34

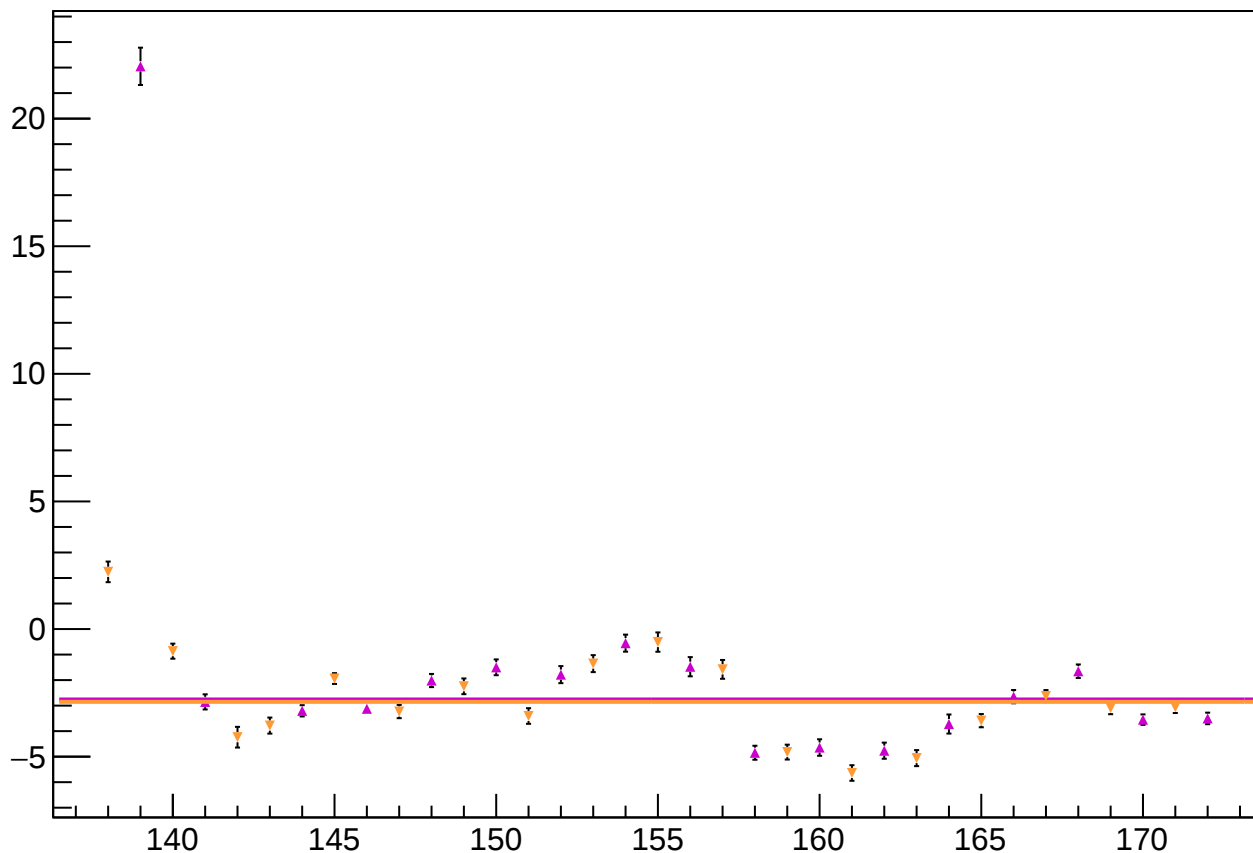
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.900 $\pm$ 0.090 χ^2 /NDF:802.4/16

Left: 2.133 $\pm$ 0.064 χ^2 /NDF: 1375.4/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.900 $\pm$ 0.090 χ^2 /NDF:802.4/16
 Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 All: 2.133 $\pm$ 0.064 χ^2 /NDF: 1375.4/34

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.760 $\pm$ 0.067 χ^2 /NDF:1429.8/16

Left: -2.805 $\pm$ 0.048 χ^2 /NDF: 1942.6/34

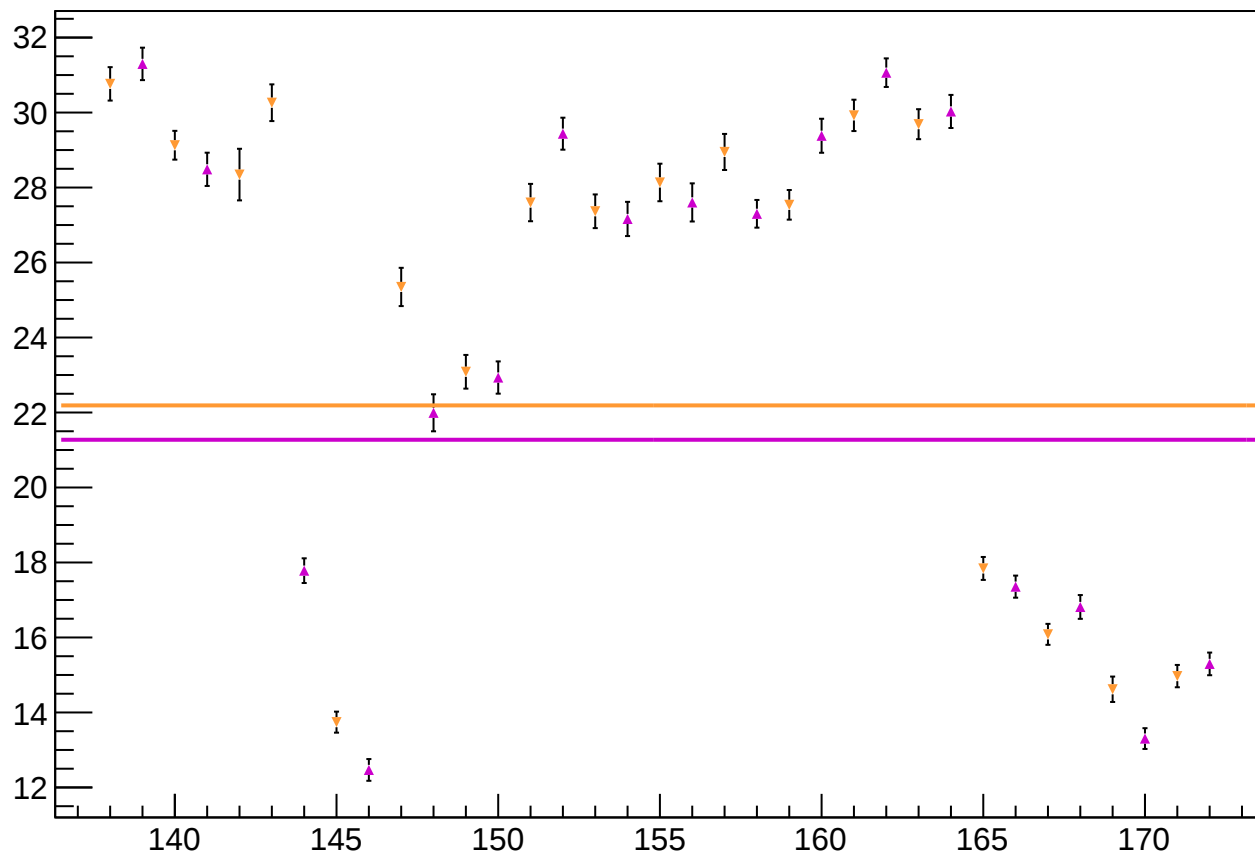
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.760 $\pm$ 0.067 χ^2 /NDF:1429.8/16

Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17

All: -2.805 $\pm$ 0.048 χ^2 /NDF: 1942.6/34

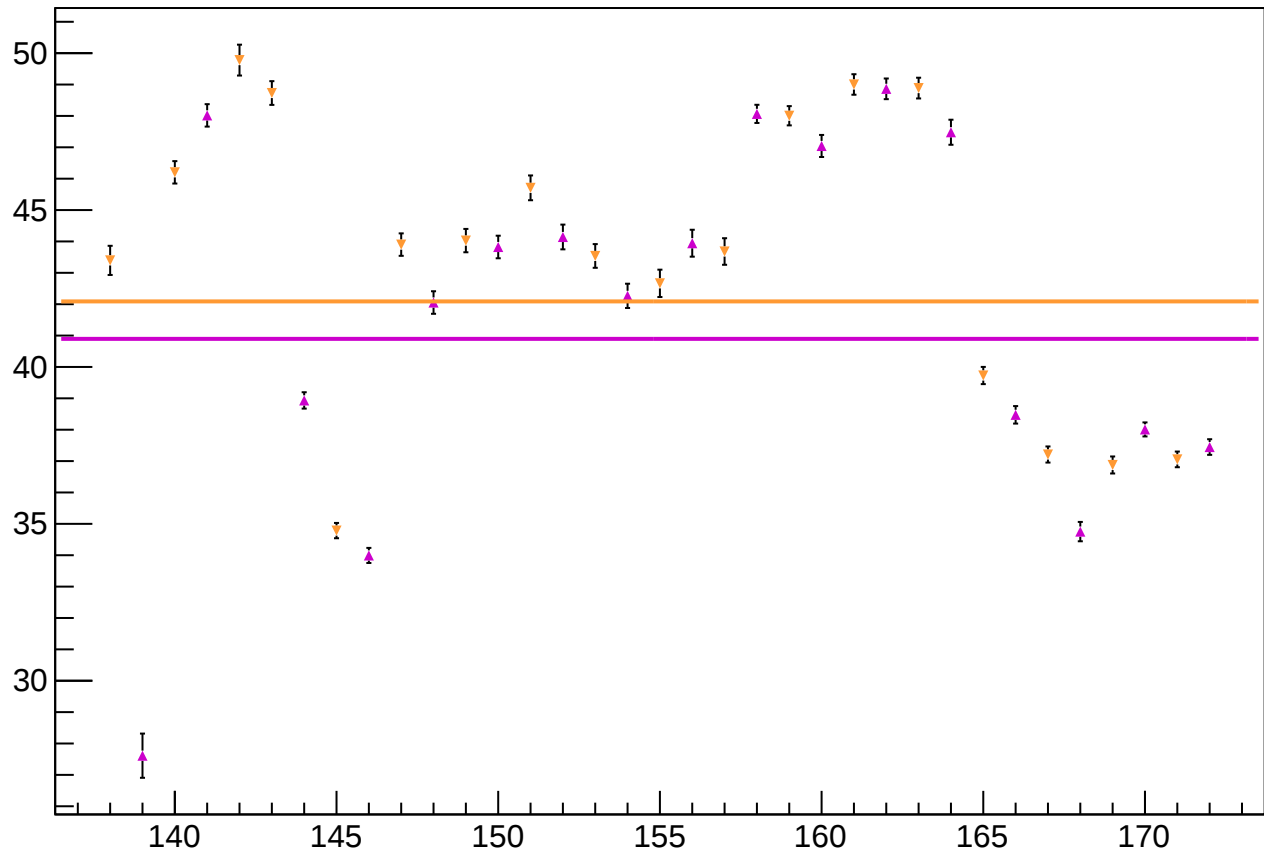
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.189+/-0.092 χ^2/NDF :5230.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.273+/-0.089 χ^2/NDF :5773.0/16

Left: 21.720+/-0.064 χ^2/NDF : 11054.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.273+/-0.089 χ^2/NDF :5773.0/16
 Out: 22.189+/-0.092 χ^2/NDF :5230.6/17
 All: 21.720+/-0.064 χ^2/NDF : 11054.7/34

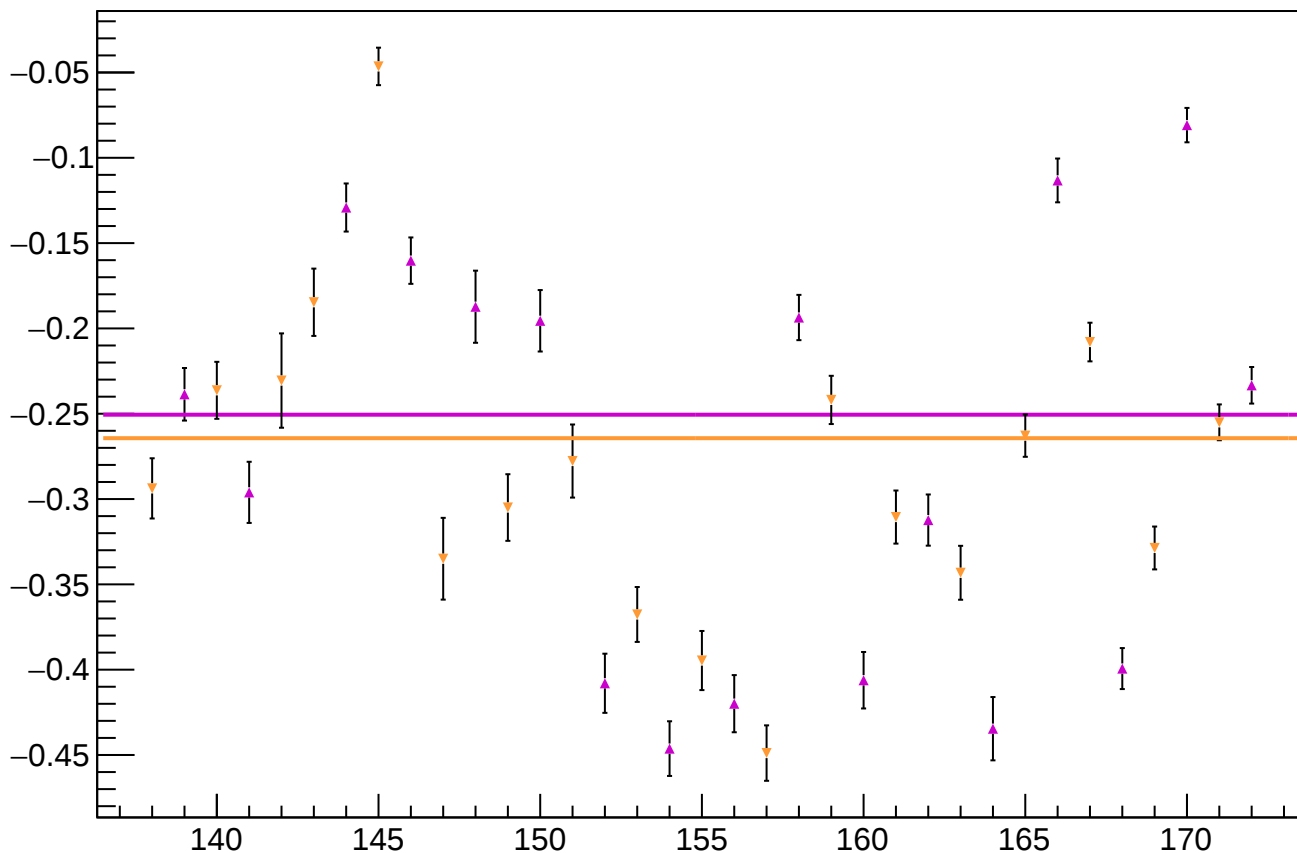
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.089+/-0.077 χ^2/NDF : 4210.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.895+/-0.076 χ^2/NDF : 4447.3/16

Left: 41.485+/-0.054 χ^2/NDF : 8778.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.895+/-0.076 χ^2/NDF : 4447.3/16
 Out: 42.089+/-0.077 χ^2/NDF : 4210.7/17
 All: 41.485+/-0.054 χ^2/NDF : 8778.3/34

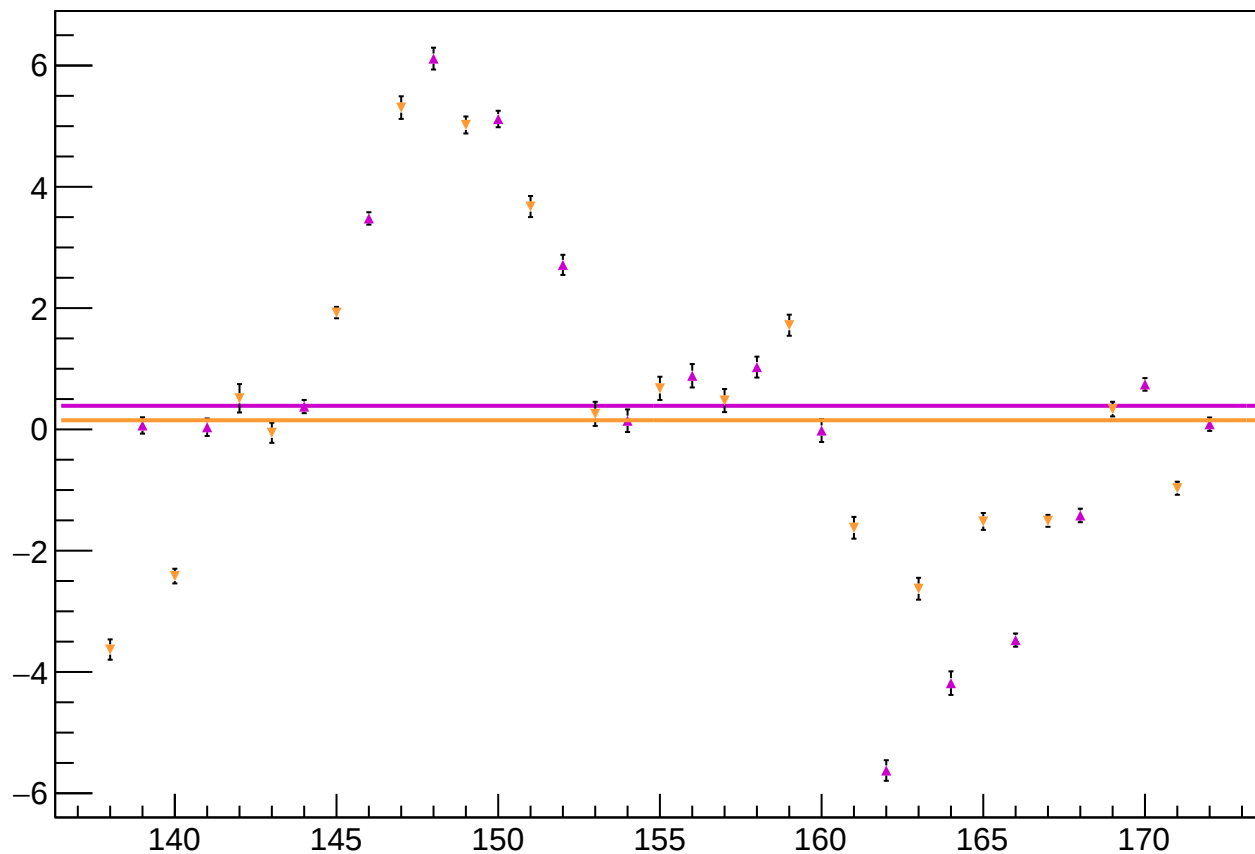
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.264 $\pm$ 0.004 χ^2 /NDF:745.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.251 $\pm$ 0.003 χ^2 /NDF:1253.7/16

Left: -0.257 $\pm$ 0.002 χ^2 /NDF: 2006.5/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.251 $\pm$ 0.003 χ^2 /NDF:1253.7/16
 Out: -0.264 $\pm$ 0.004 χ^2 /NDF:745.2/17
 All: -0.257 $\pm$ 0.002 χ^2 /NDF: 2006.5/34

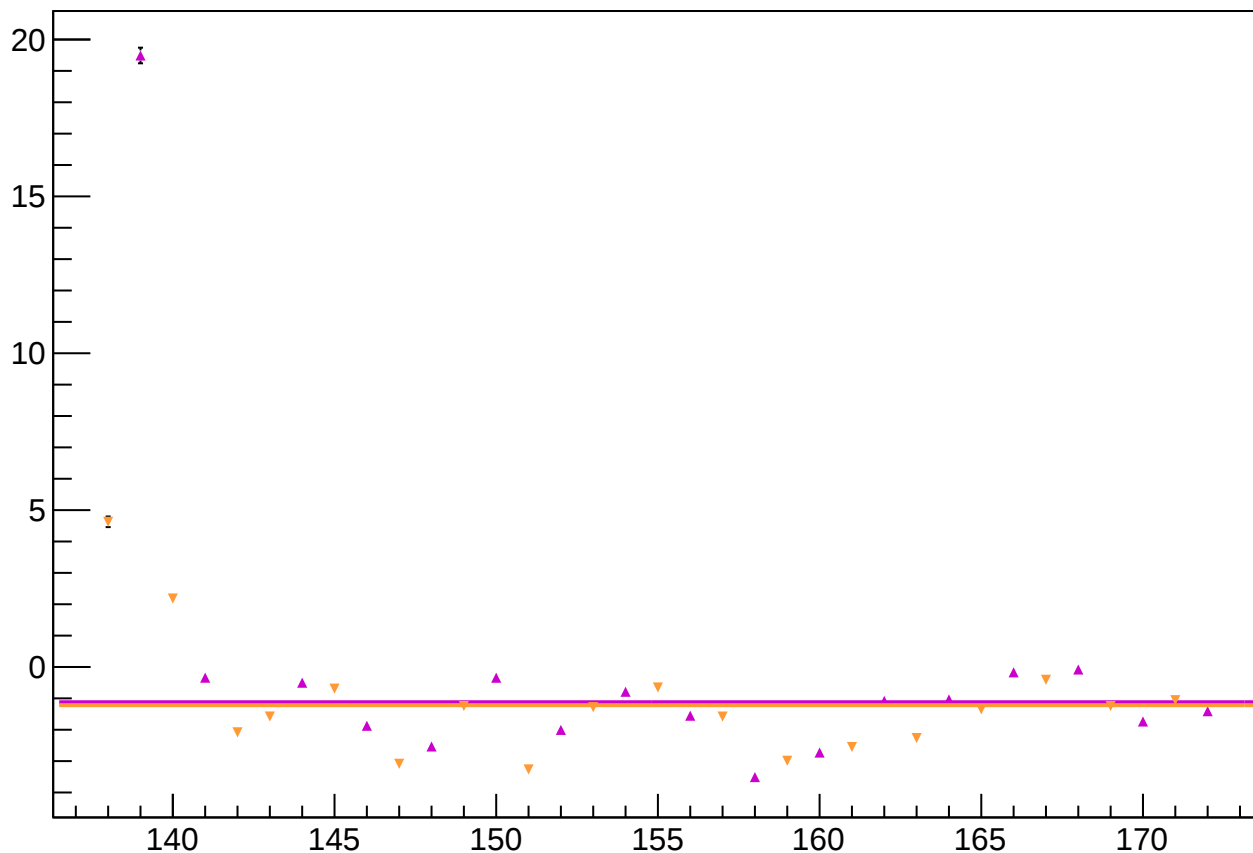
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.151 $\pm$ 0.034 χ^2 /NDF:4669.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.389 $\pm$ 0.033 χ^2 /NDF:6717.8/16

Left: 0.273 $\pm$ 0.024 χ^2 /NDF: 11413.2/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.389 $\pm$ 0.033 χ^2 /NDF:6717.8/16
 Out: 0.151 $\pm$ 0.034 χ^2 /NDF:4669.9/17
 All: 0.273 $\pm$ 0.024 χ^2 /NDF: 11413.2/34

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.124+/-0.024 χ^2/NDF : 8340.2/16

Left: -1.170+/-0.017 χ^2/NDF : 12132.4/34

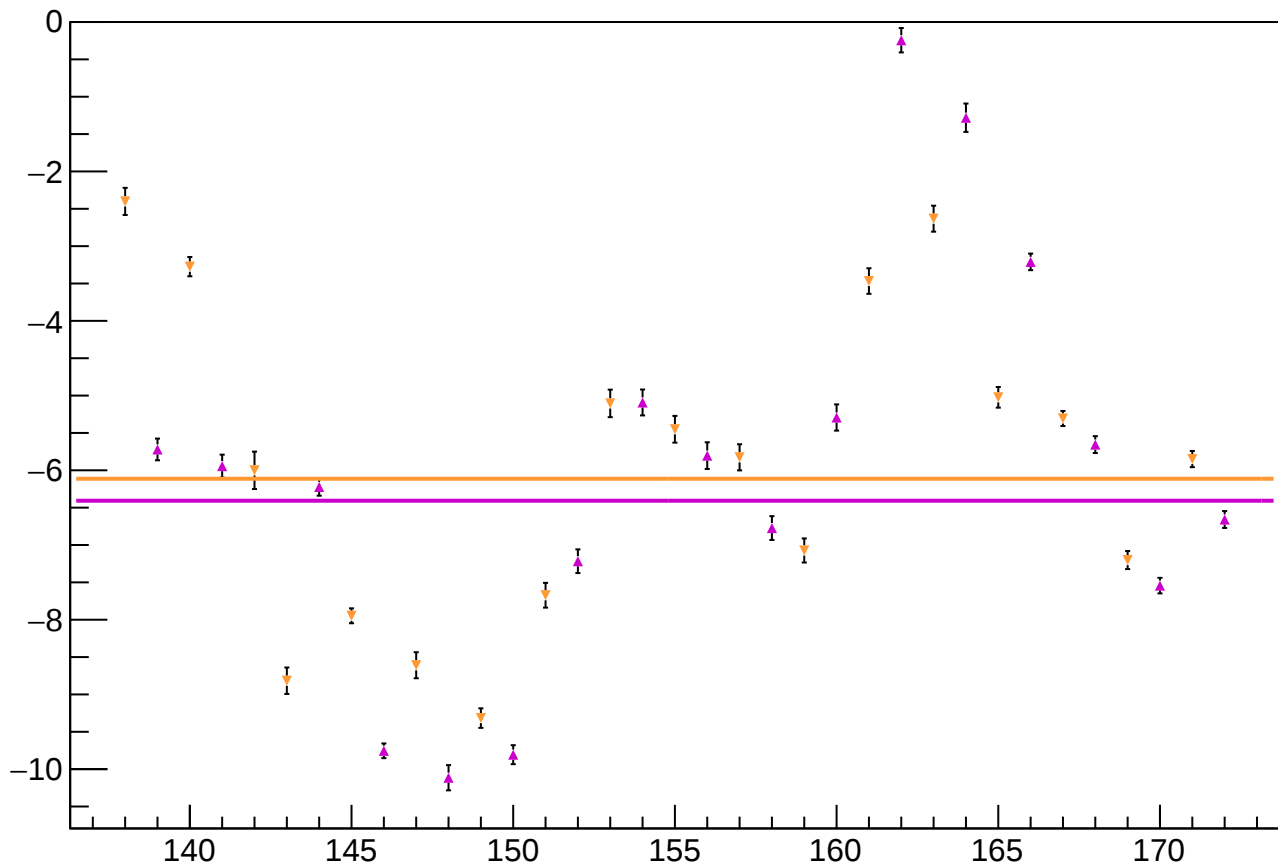
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.124+/-0.024 χ^2/NDF : 8340.2/16

Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17

All: -1.170+/-0.017 χ^2/NDF : 12132.4/34

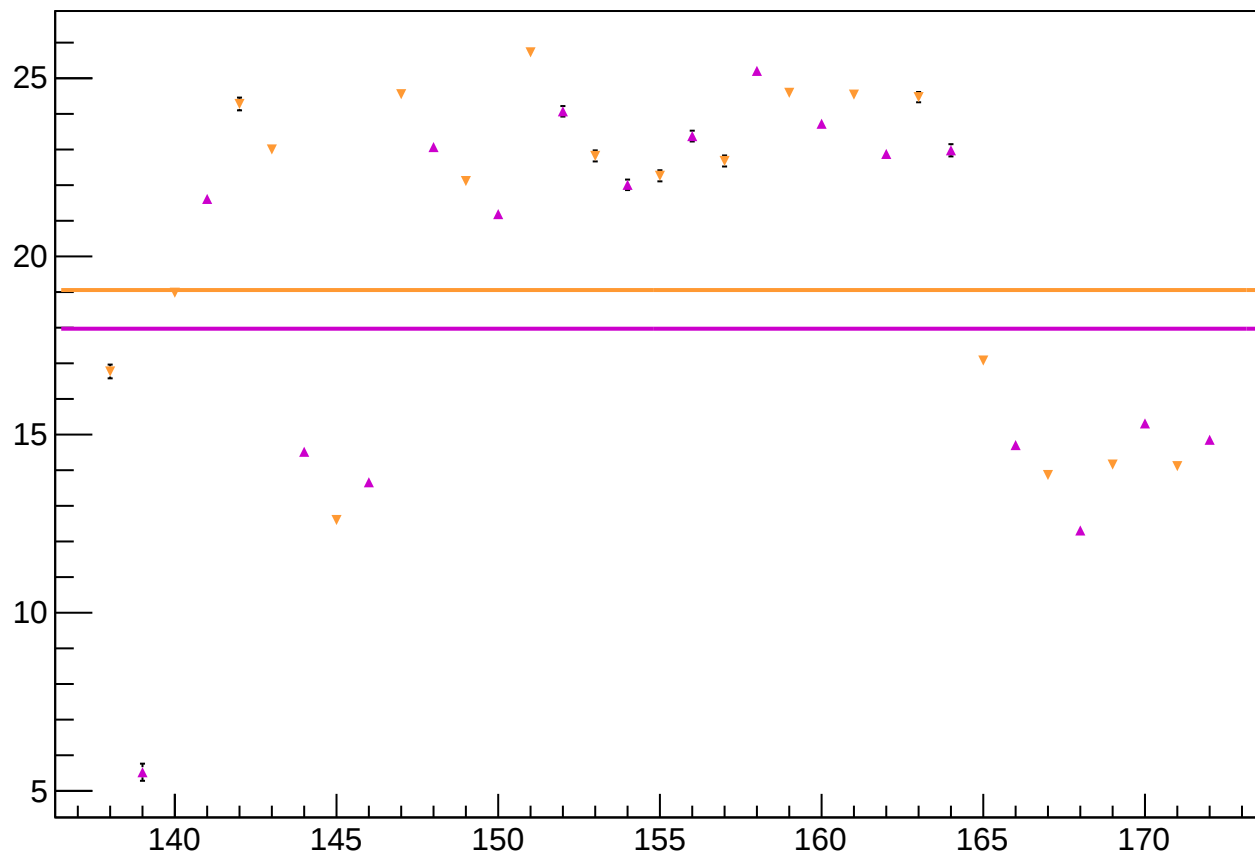
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.407 $\pm$ 0.033 χ^2 /NDF:5680.2/16

Left: -6.265 $\pm$ 0.024 χ^2 /NDF: 9021.0/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.407 $\pm$ 0.033 χ^2 /NDF:5680.2/16
 Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 All: -6.265 $\pm$ 0.024 χ^2 /NDF: 9021.0/34

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: 19.056+/-0.029 χ^2/NDF :28036.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.971+/-0.028 χ^2/NDF :26949.2/16

Left: 18.503+/-0.020 χ^2/NDF : 55716.5/34

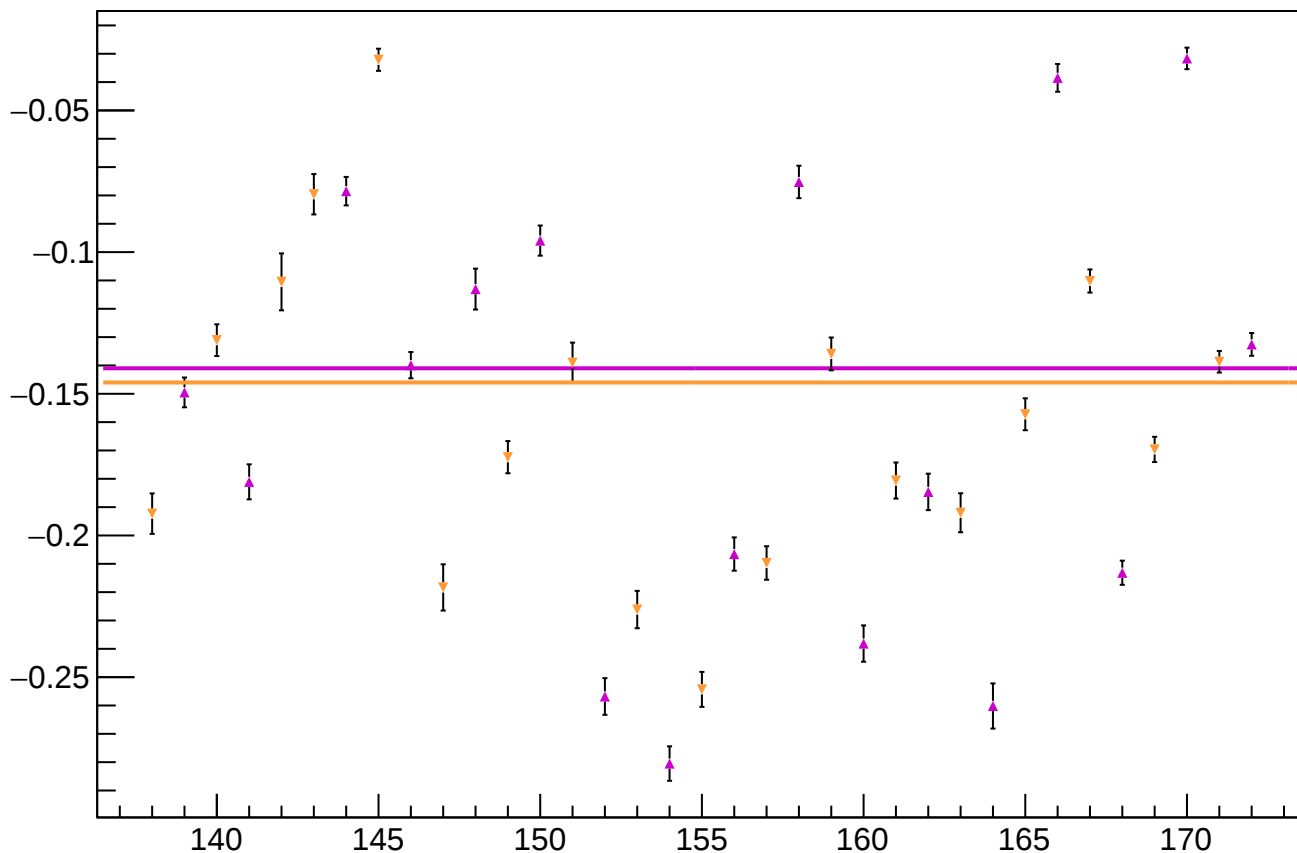
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.971+/-0.028 χ^2/NDF :26949.2/16

Out: 19.056+/-0.029 χ^2/NDF :28036.7/17

All: 18.503+/-0.020 χ^2/NDF : 55716.5/34

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: -0.146+/-0.001 χ^2/NDF :1860.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Left: -0.143+/-0.001 χ^2/NDF : 5317.0/34

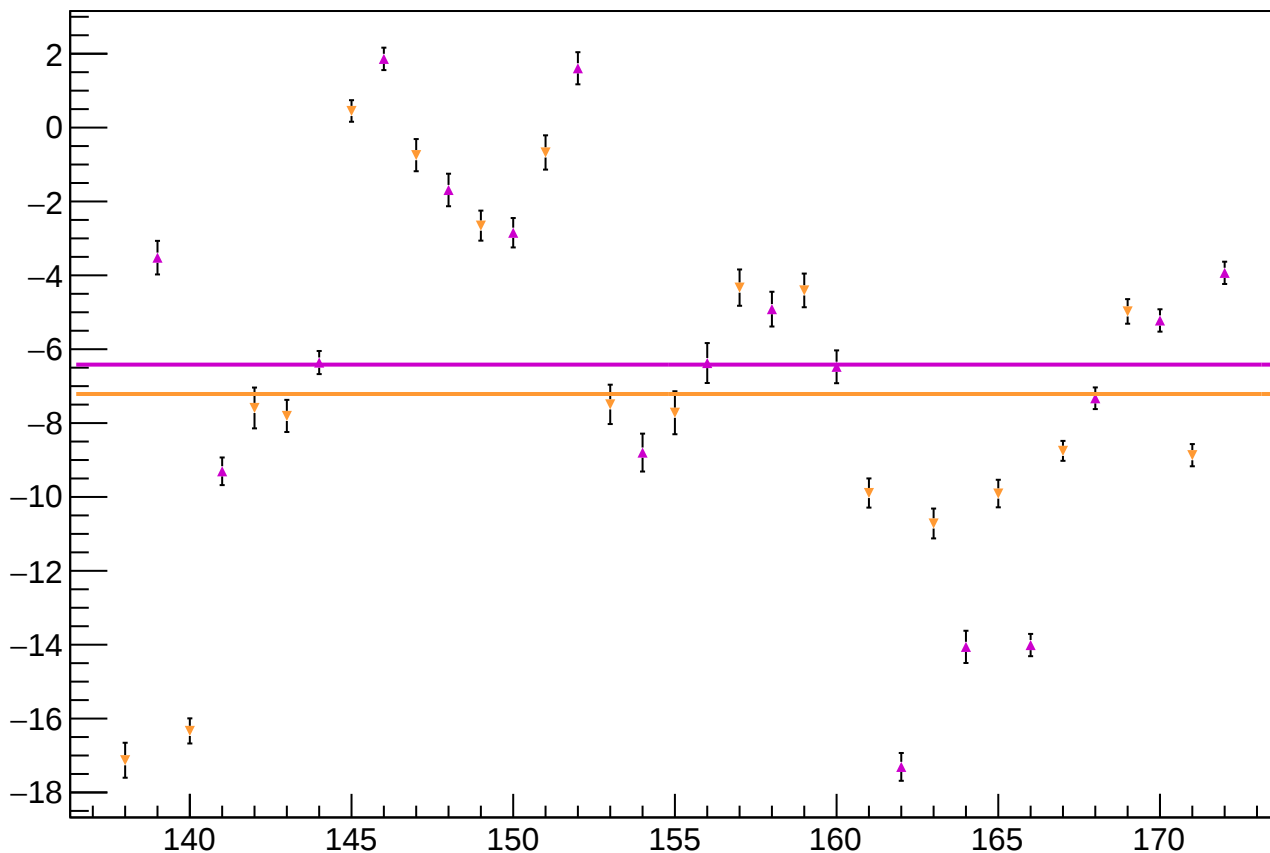
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Out: -0.146+/-0.001 χ^2/NDF :1860.7/17

All: -0.143+/-0.001 χ^2/NDF : 5317.0/34

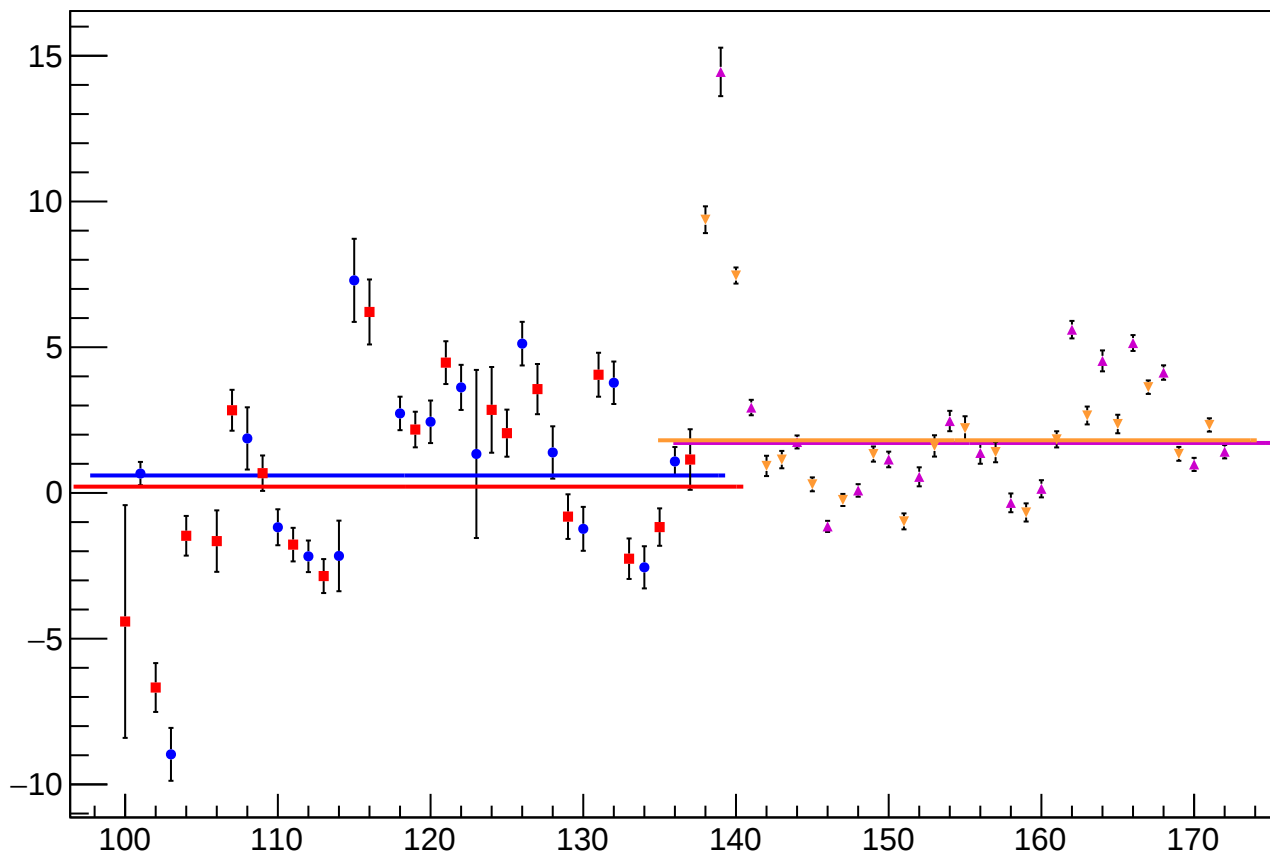
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.212+/-0.092 χ^2/NDF :2748.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.417+/-0.090 χ^2/NDF :3282.6/16

Left: -6.806+/-0.064 χ^2/NDF : 6069.6/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.417+/-0.090 χ^2/NDF :3282.6/16
 Out: -7.212+/-0.092 χ^2/NDF :2748.8/17
 All: -6.806+/-0.064 χ^2/NDF : 6069.6/34

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: 1.807 ± 0.066 χ^2/NDF : 1093.4/17

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.715 ± 0.066 χ^2/NDF : 1124.0/16

Left: 1.761 ± 0.047 χ^2/NDF : 2218.4/34

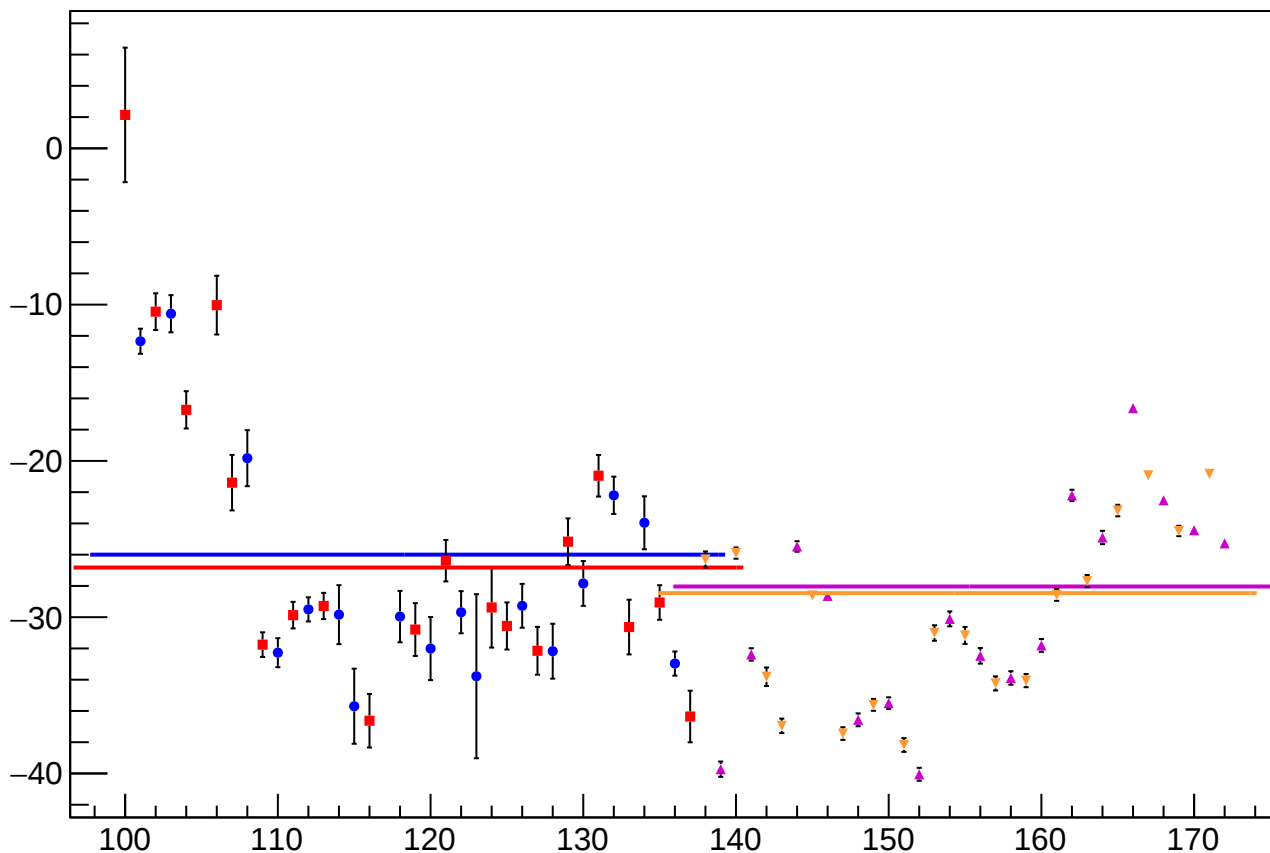
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.569 ± 0.061 χ^2/NDF : 1453.7/33

Out: 1.606 ± 0.062 χ^2/NDF : 1440.4/36

All: 1.587 ± 0.044 χ^2/NDF : 2894.3/70

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: -28.460 ± 0.092 χ^2/NDF : 3927.2/17

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -28.037 ± 0.089 χ^2/NDF : 5030.6/16

Left: -28.243 ± 0.064 χ^2/NDF : 8968.8/34

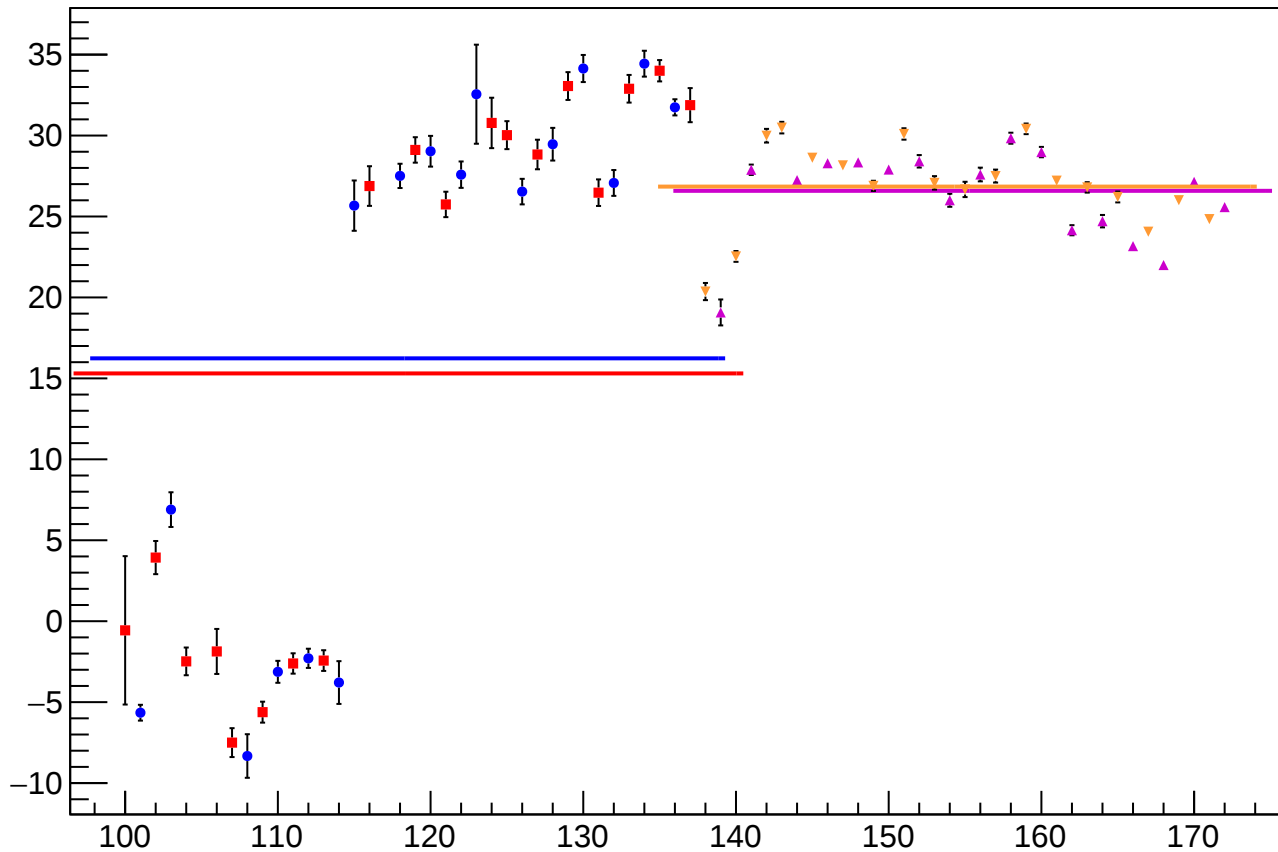
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -27.872 ± 0.085 χ^2/NDF : 5765.6/33

Out: -28.318 ± 0.087 χ^2/NDF : 4535.9/36

All: -28.090 ± 0.061 χ^2/NDF : 10314.9/70

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 ± 0.191 $\chi^2/\text{NDF}: 7579.9/16$

Left Out: 26.847 ± 0.077 $\chi^2/\text{NDF}: 943.6/17$

Right Out: 15.306 ± 0.197 $\chi^2/\text{NDF}: 7271.7/18$

Left In: 26.585 ± 0.076 $\chi^2/\text{NDF}: 885.6/16$

Left: 26.715 ± 0.054 $\chi^2/\text{NDF}: 1835.0/34$

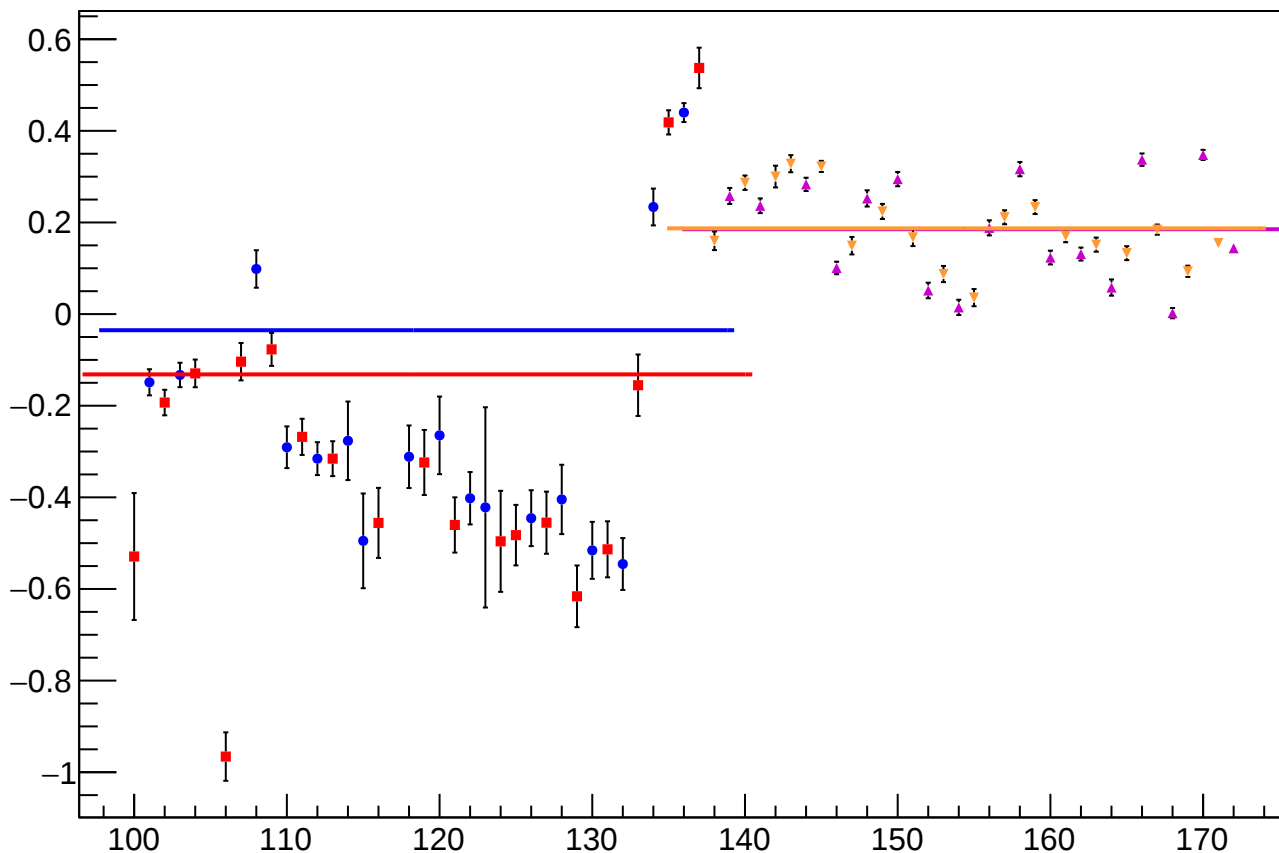
Right: 15.785 ± 0.137 $\chi^2/\text{NDF}: 14863.2/35$

In: 25.184 ± 0.070 $\chi^2/\text{NDF}: 10993.3/33$

Out: 25.330 ± 0.071 $\chi^2/\text{NDF}: 11197.2/36$

All: 25.256 ± 0.050 $\chi^2/\text{NDF}: 22192.7/70$

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: 0.187 ± 0.004 χ^2/NDF : 450.8/17

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.185 ± 0.003 χ^2/NDF : 1117.4/16

Left: 0.186 ± 0.002 χ^2/NDF : 1568.3/34

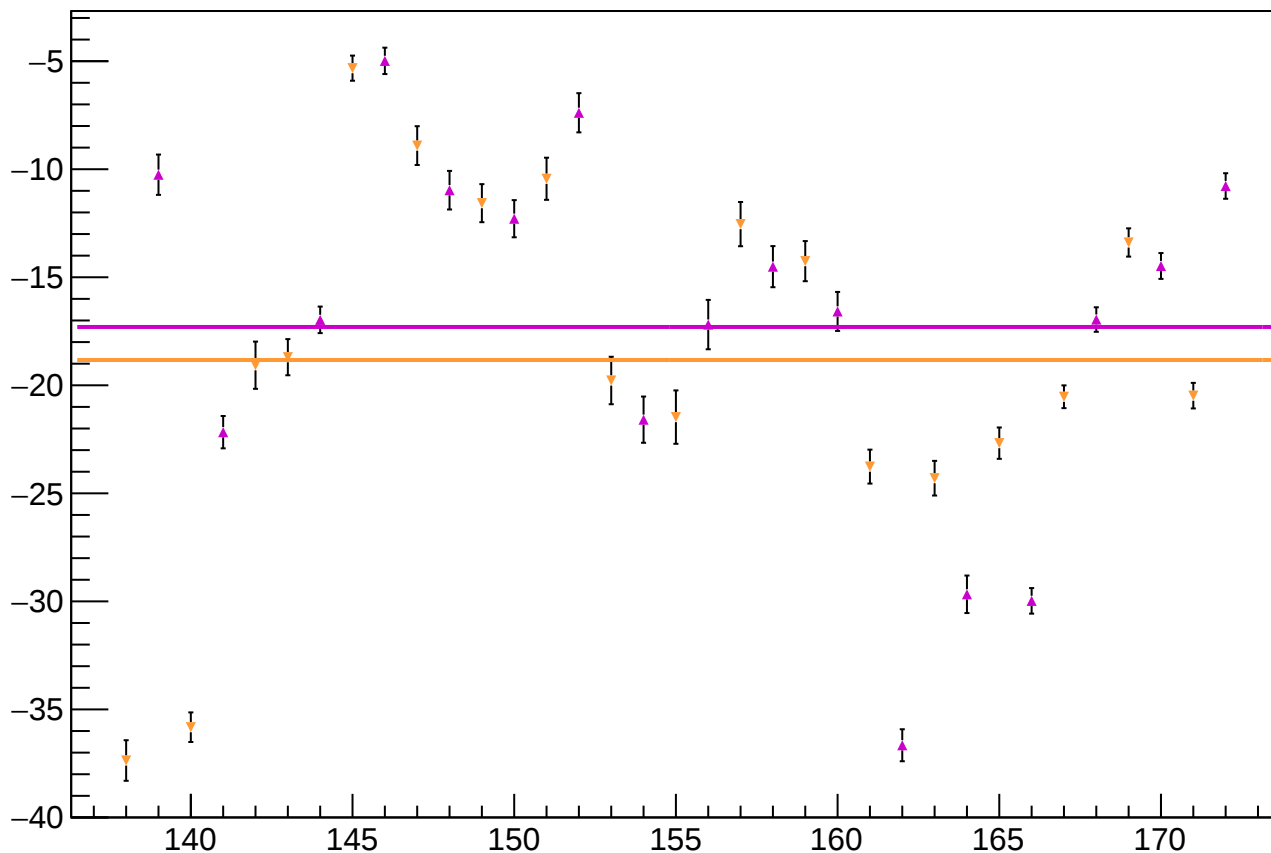
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.163 ± 0.003 χ^2/NDF : 2540.1/33

Out: 0.153 ± 0.003 χ^2/NDF : 2467.2/36

All: 0.158 ± 0.002 χ^2/NDF : 5011.0/70

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -18.829 ± 0.184 χ^2/NDF : 2077.7/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -17.300 ± 0.180 χ^2/NDF : 2225.6/16

Left: -18.048 ± 0.129 χ^2/NDF : 4338.5/34

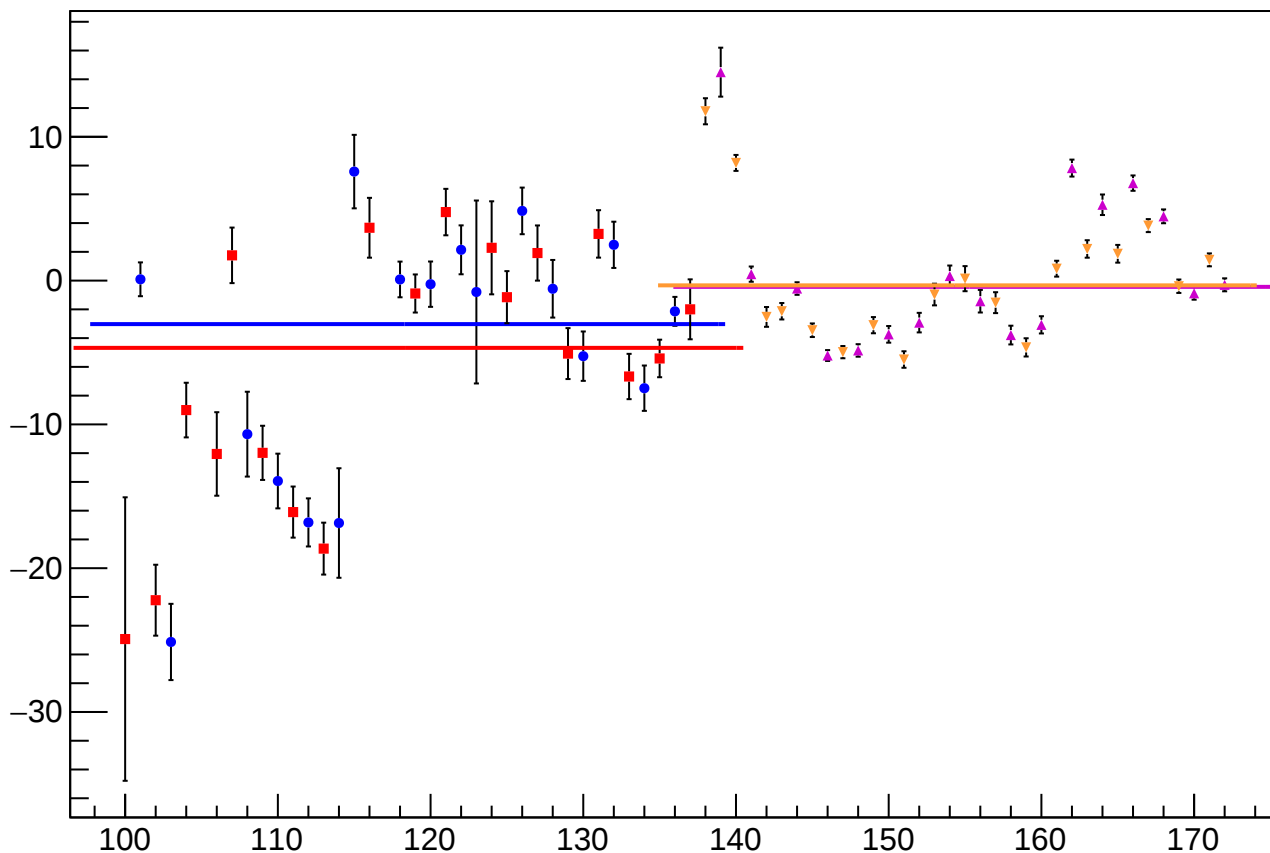
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -17.300 ± 0.180 χ^2/NDF : 2225.6/16

Out: -18.829 ± 0.184 χ^2/NDF : 2077.7/17

All: -18.048 ± 0.129 χ^2/NDF : 4338.5/34

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.331 ± 0.133 χ^2/NDF : 885.8/17

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.435 ± 0.131 χ^2/NDF : 985.1/16

Left: -0.383 ± 0.094 χ^2/NDF : 1871.3/34

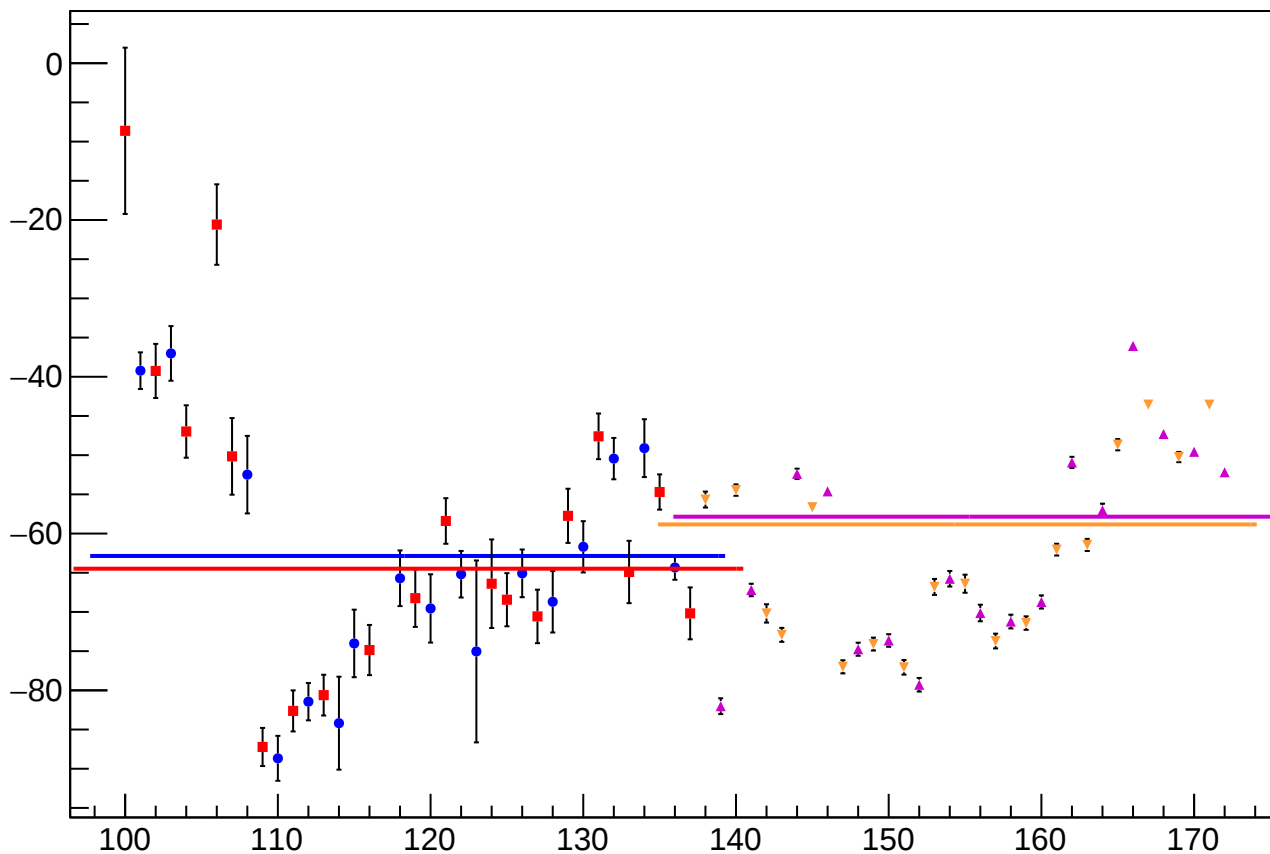
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.679 ± 0.125 χ^2/NDF : 1302.3/33

Out: -0.718 ± 0.127 χ^2/NDF : 1279.7/36

All: -0.698 ± 0.089 χ^2/NDF : 2582.0/70

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -58.836 ± 0.184 $\chi^2/\text{NDF}: 4027.3/17$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -57.850 ± 0.179 $\chi^2/\text{NDF}: 4830.9/16$

Left: -58.329 ± 0.128 $\chi^2/\text{NDF}: 8873.0/34$

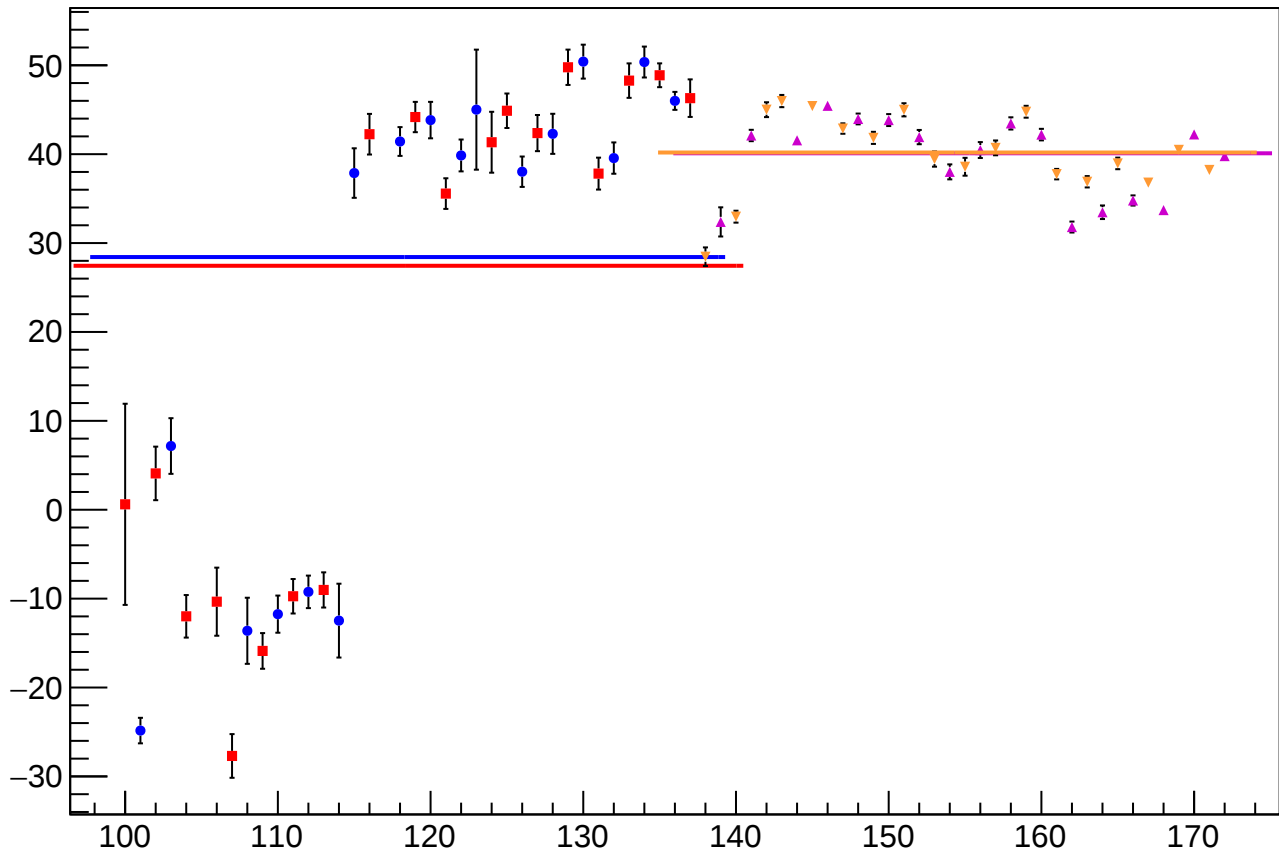
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -58.126 ± 0.174 $\chi^2/\text{NDF}: 5242.0/33$

Out: -59.154 ± 0.178 $\chi^2/\text{NDF}: 4524.5/36$

All: -58.626 ± 0.124 $\chi^2/\text{NDF}: 9783.6/70$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.187 $\pm$ 0.154 χ^2 /NDF:666.1/17

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.099 $\pm$ 0.152 χ^2 /NDF:776.9/16

Left: 40.142 $\pm$ 0.108 χ^2 /NDF: 1443.2/34

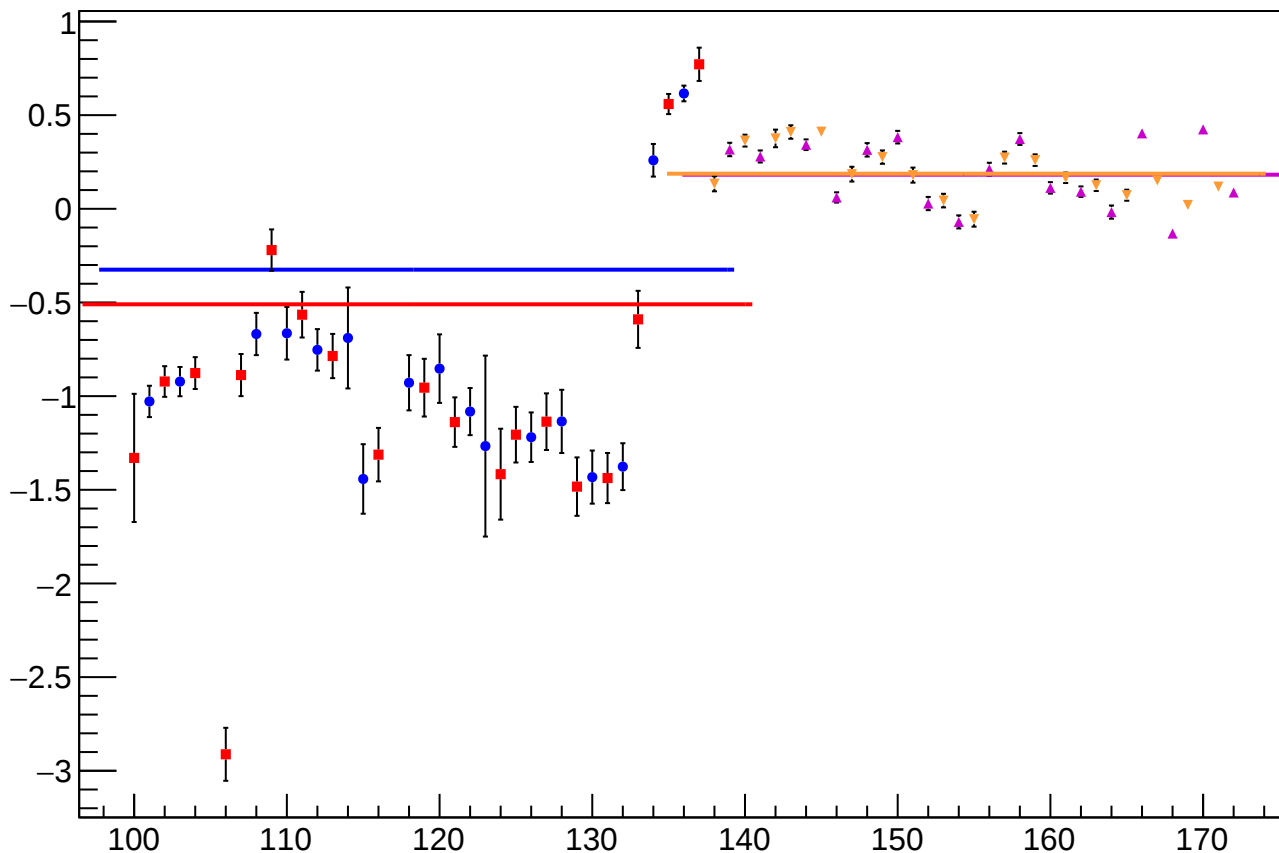
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.945 $\pm$ 0.144 χ^2 /NDF:4685.2/33

Out: 38.995 $\pm$ 0.146 χ^2 /NDF:4342.8/36

All: 38.970 $\pm$ 0.103 χ^2 /NDF: 9028.1/70

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.187 ± 0.007 χ^2/NDF : 325.3/17

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.182 ± 0.007 χ^2/NDF : 699.3/16

Left: 0.185 ± 0.005 χ^2/NDF : 1024.9/34

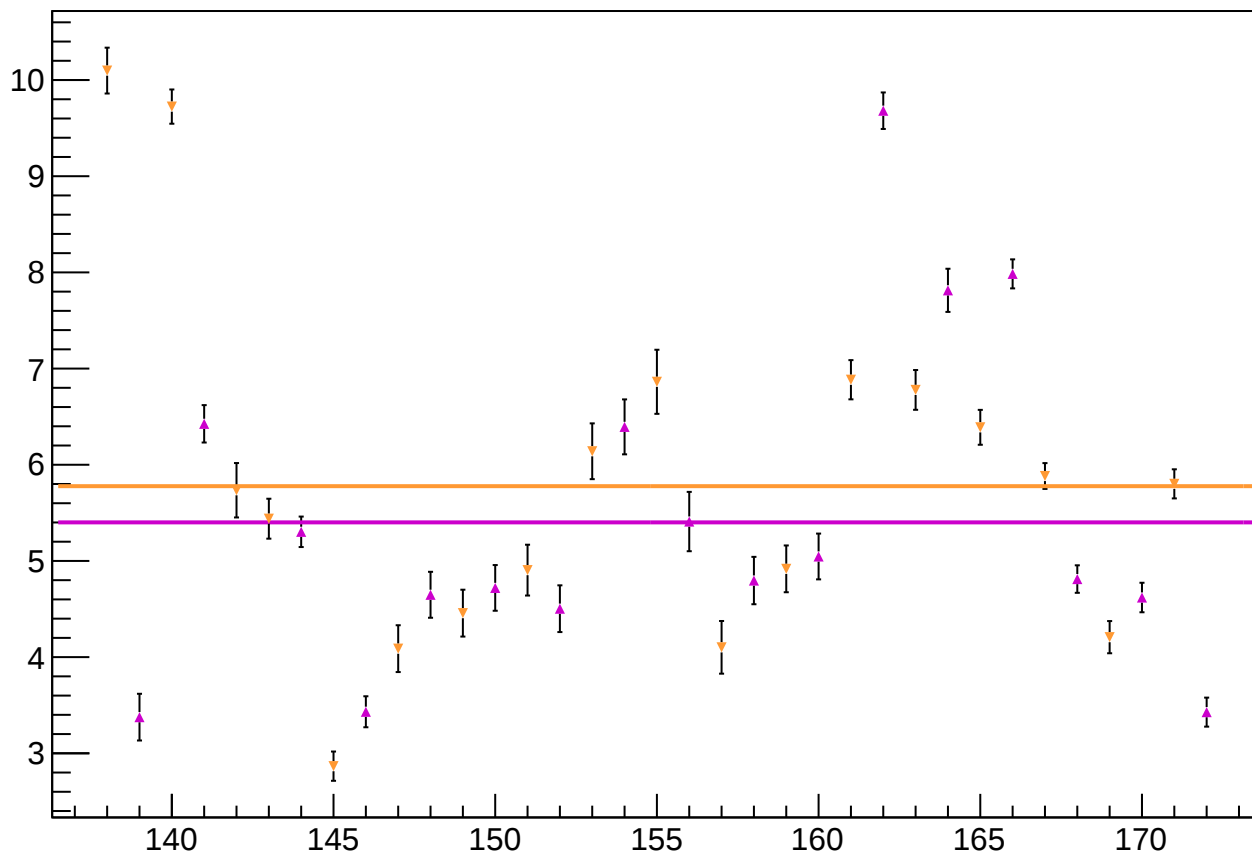
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.145 ± 0.007 χ^2/NDF : 2094.5/33

Out: 0.137 ± 0.007 χ^2/NDF : 2178.0/36

All: 0.141 ± 0.005 χ^2/NDF : 4273.1/70

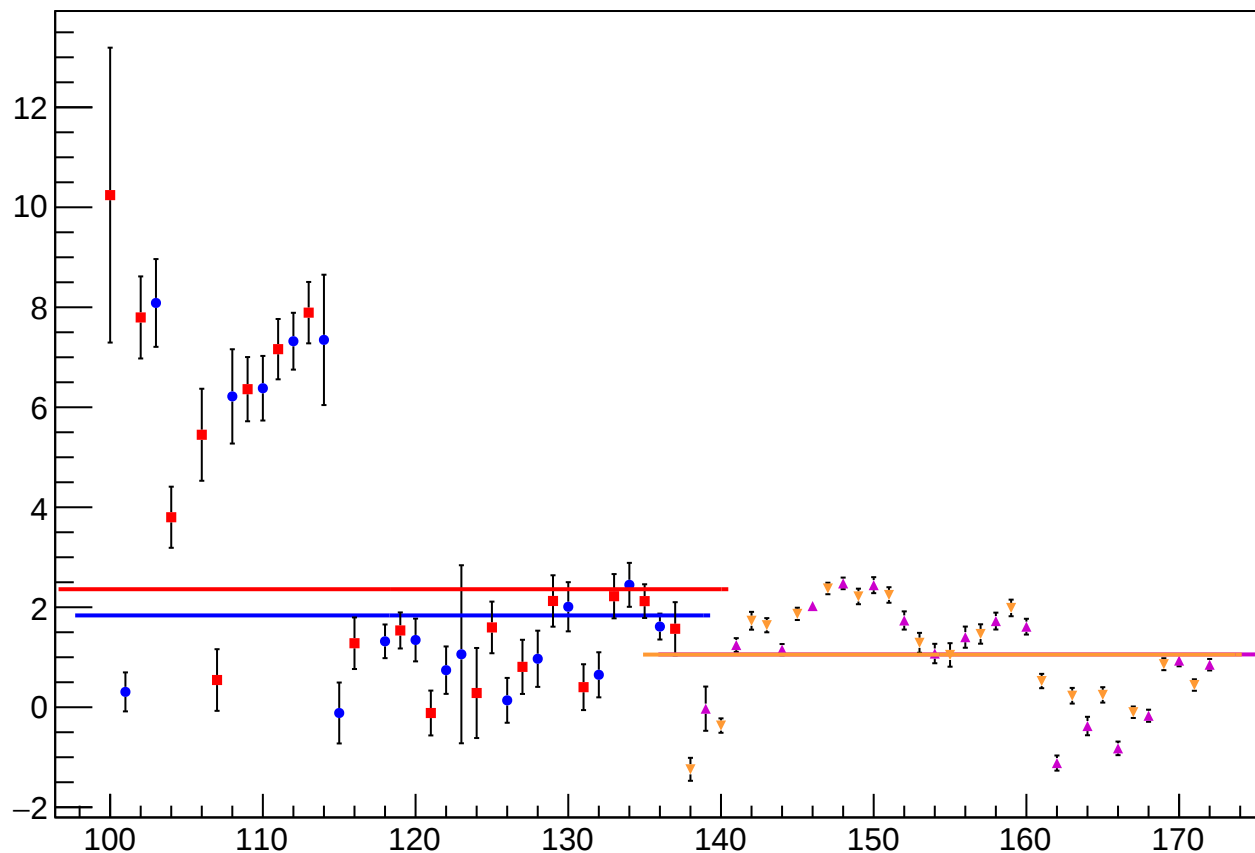
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.401+/-0.047 χ^2/NDF :1430.0/16

Left: 5.585+/-0.033 χ^2/NDF : 2954.1/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.401+/-0.047 χ^2/NDF :1430.0/16
 Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 All: 5.585+/-0.033 χ^2/NDF : 2954.1/34

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.053 ± 0.035 χ^2/NDF : 755.8/17

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.057 ± 0.034 χ^2/NDF : 939.1/16

Left: 1.055 ± 0.024 χ^2/NDF : 1694.9/34

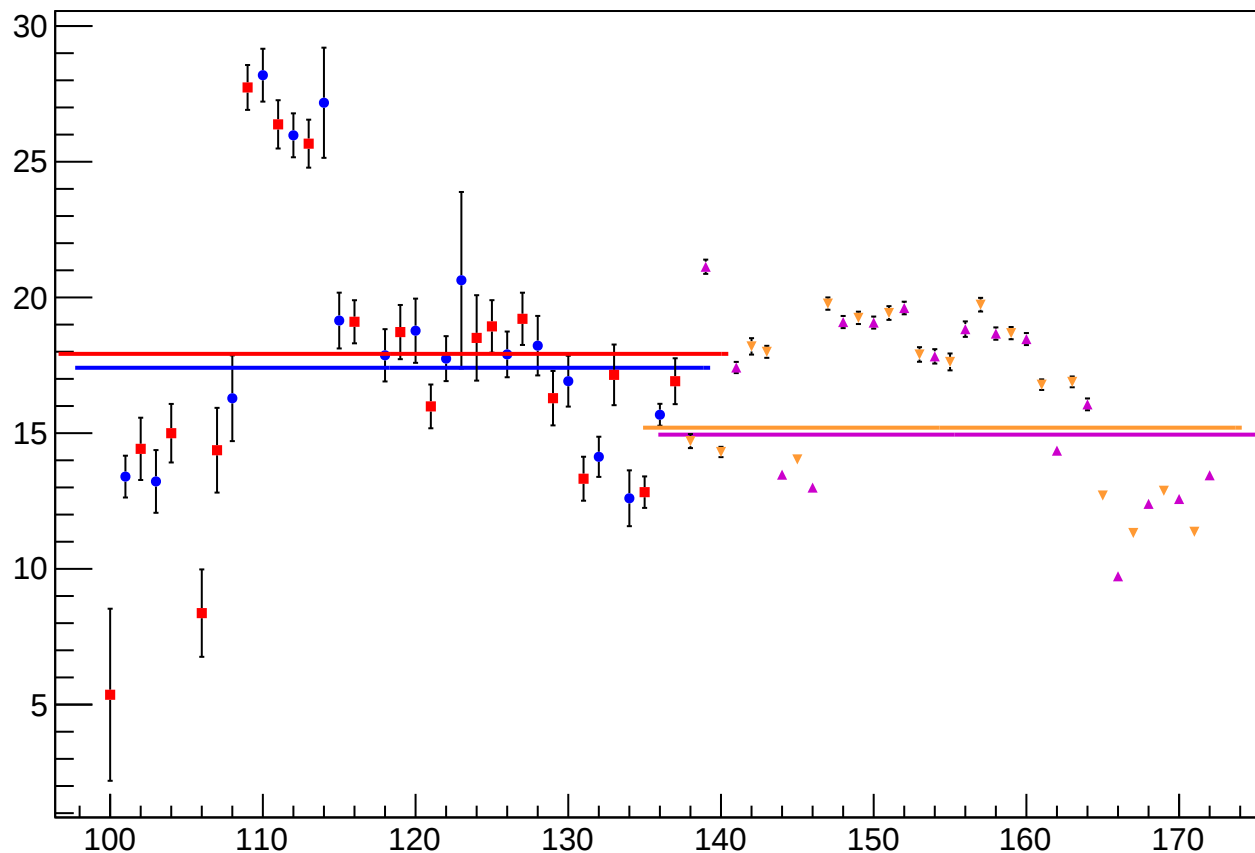
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.119 ± 0.033 χ^2/NDF : 1274.7/33

Out: 1.151 ± 0.033 χ^2/NDF : 1198.2/36

All: 1.134 ± 0.023 χ^2/NDF : 2473.4/70

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 15.202 ± 0.048 $\chi^2/\text{NDF}: 4012.9/17$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 14.946 ± 0.046 $\chi^2/\text{NDF}: 4681.0/16$

Left: 15.070 ± 0.033 $\chi^2/\text{NDF}: 8708.7/34$

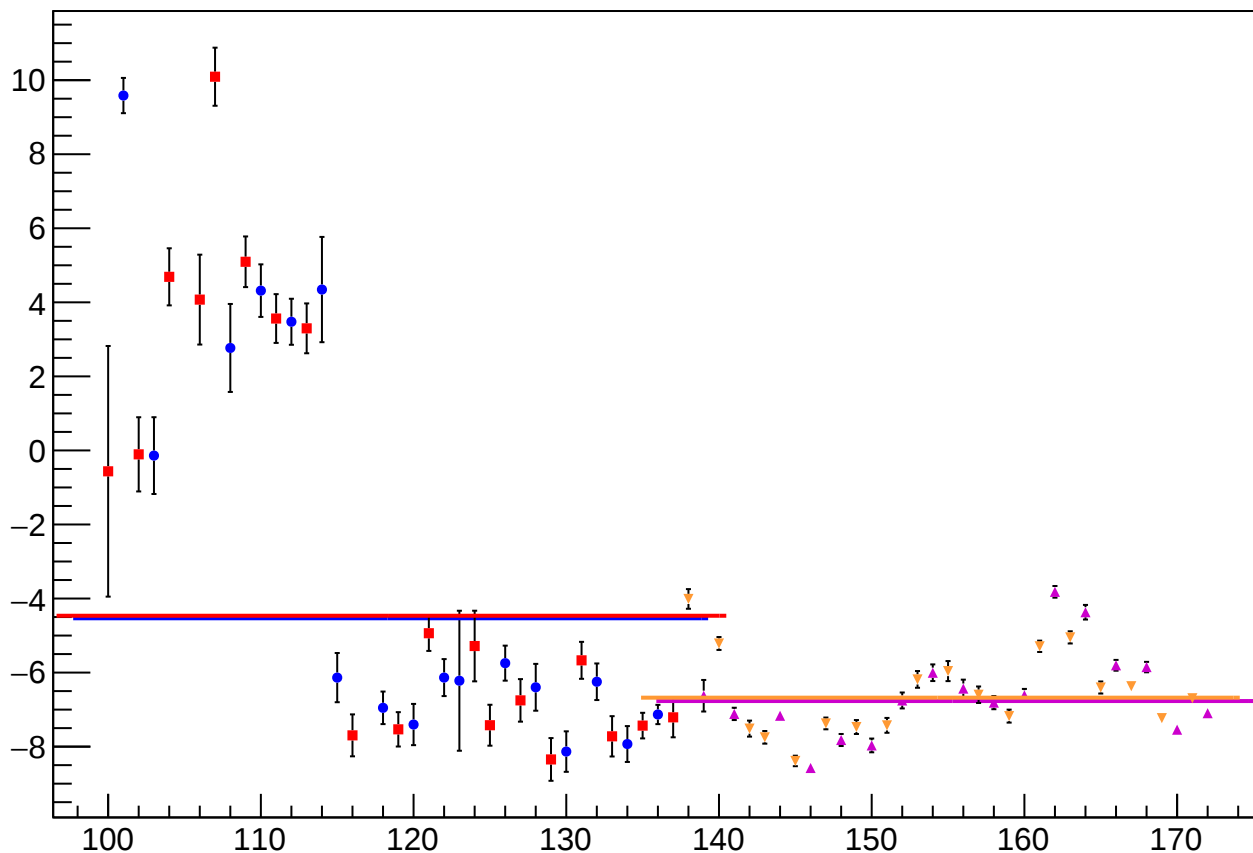
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 15.058 ± 0.045 $\chi^2/\text{NDF}: 5175.0/33$

Out: 15.325 ± 0.047 $\chi^2/\text{NDF}: 4666.9/36$

All: 15.188 ± 0.032 $\chi^2/\text{NDF}: 9858.8/70$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.677 ± 0.040 χ^2/NDF : 646.4/17

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.769 ± 0.039 χ^2/NDF : 952.6/16

Left: -6.724 ± 0.028 χ^2/NDF : 1601.6/34

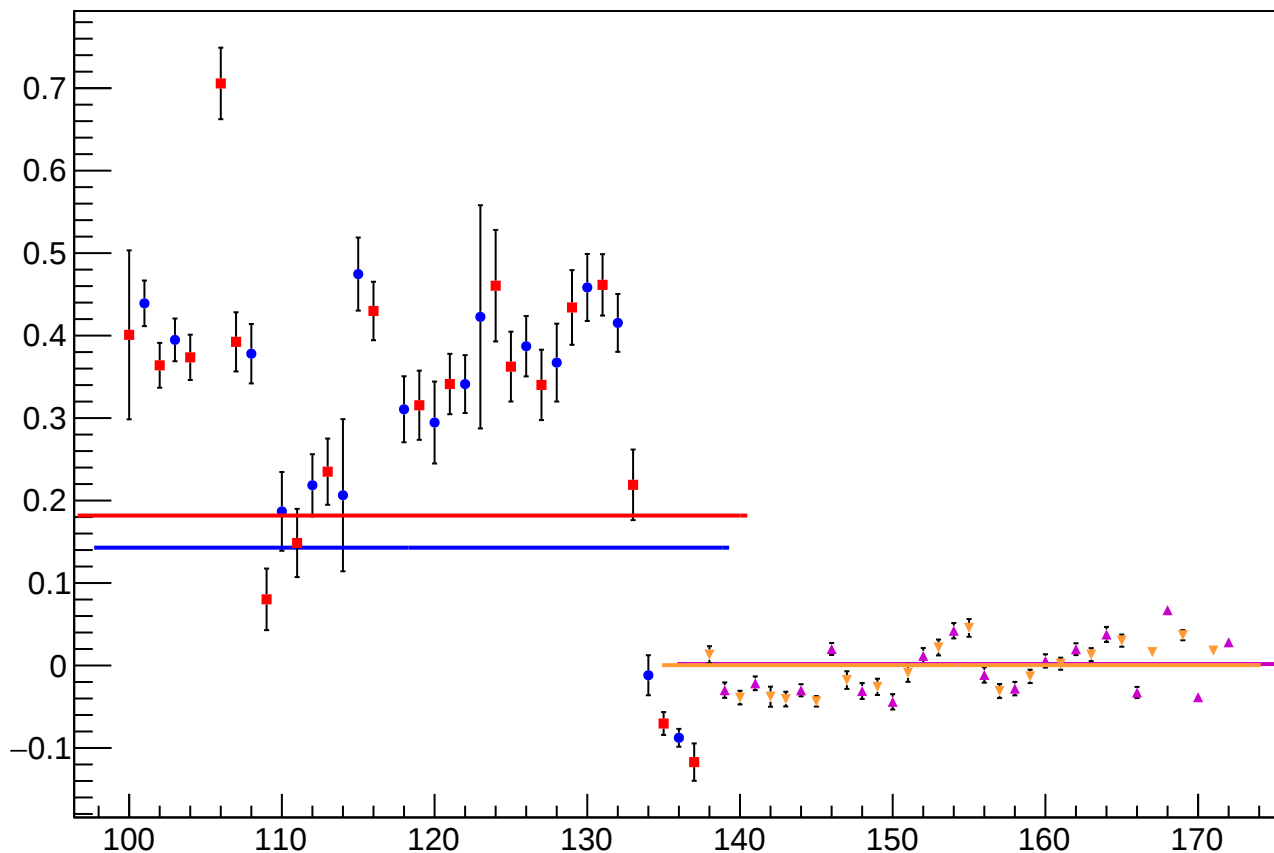
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.580 ± 0.038 χ^2/NDF : 2813.1/33

Out: -6.504 ± 0.038 χ^2/NDF : 2228.1/36

All: -6.542 ± 0.027 χ^2/NDF : 5043.2/70

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.000 $\pm$ 0.002 χ^2 /NDF:225.1/17

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF:379.4/16

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 604.7/34

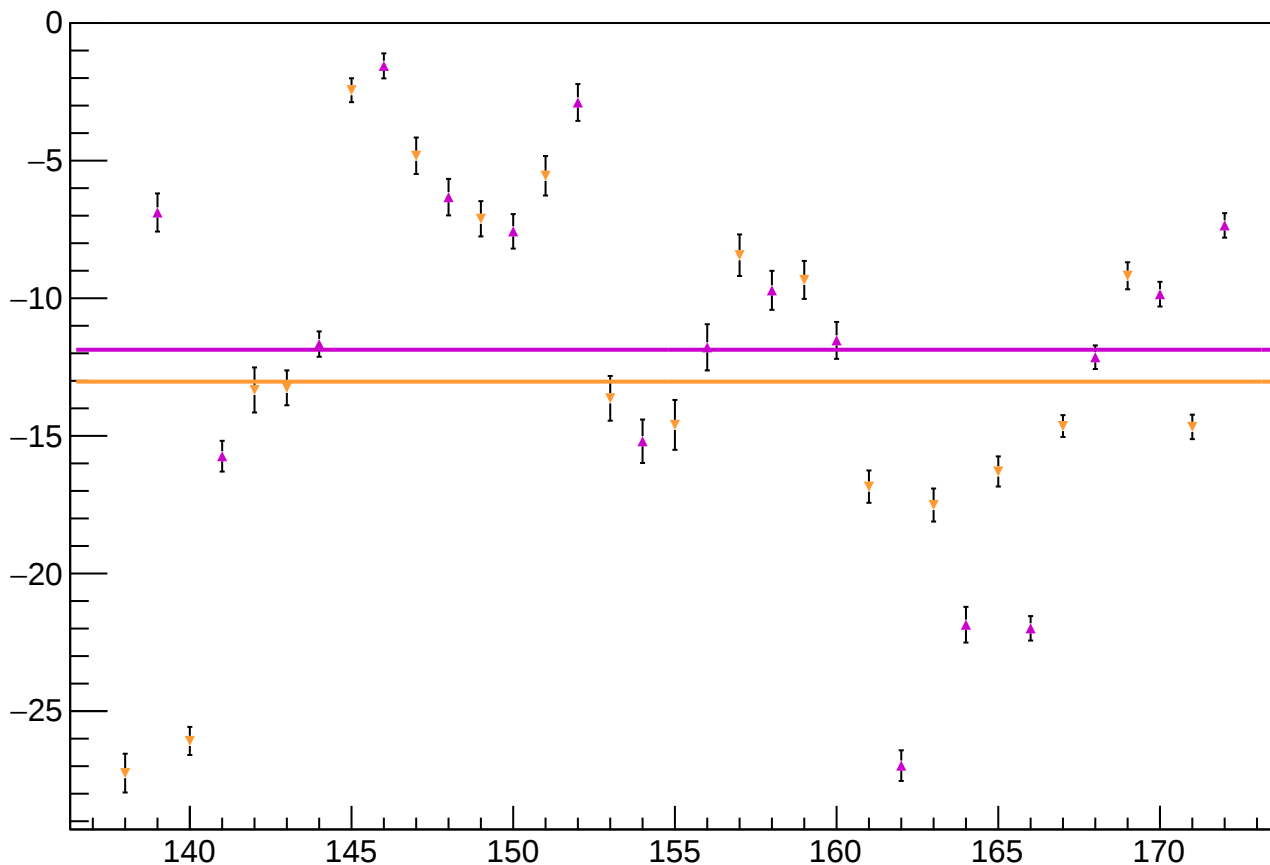
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.011 $\pm$ 0.002 χ^2 /NDF:1813.1/33

Out: 0.011 $\pm$ 0.002 χ^2 /NDF:1800.7/36

All: 0.011 $\pm$ 0.001 χ^2 /NDF: 3613.9/70

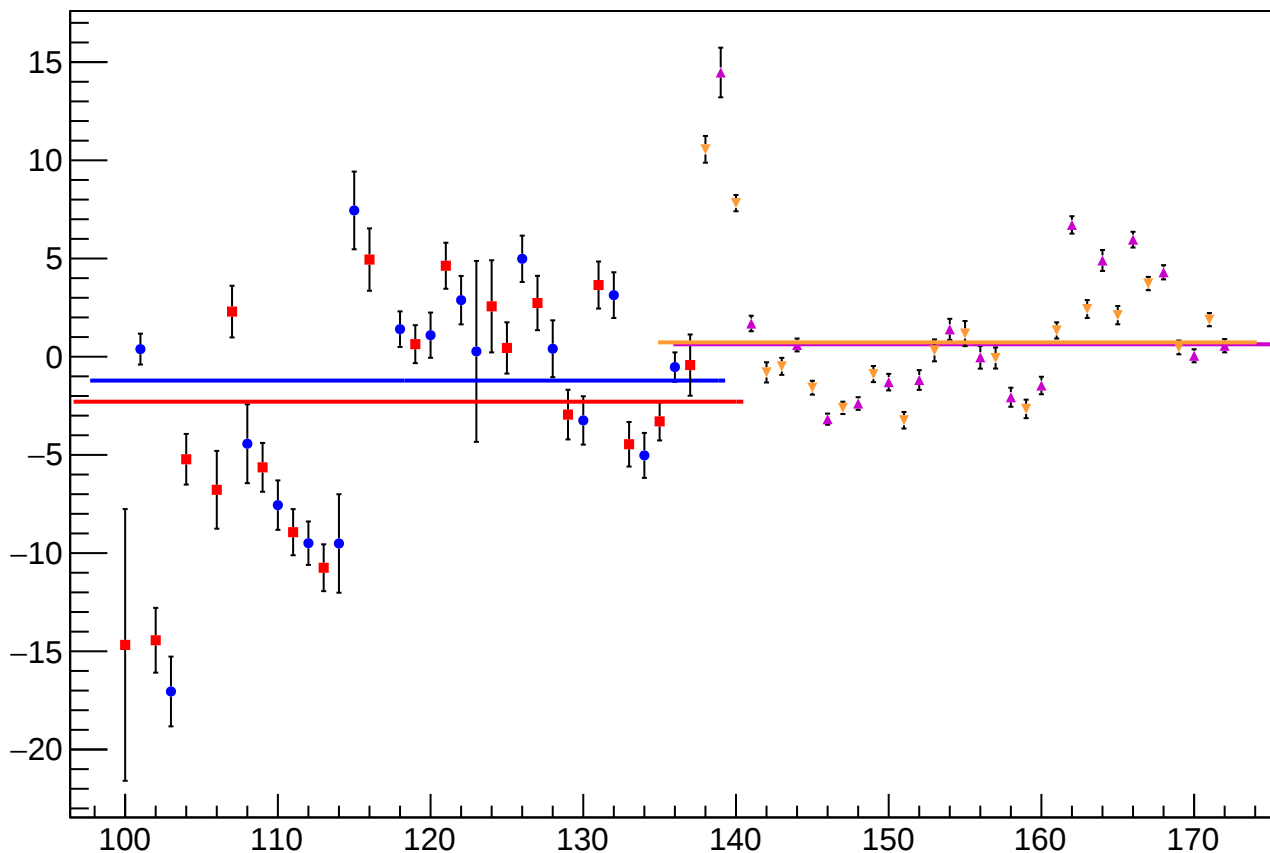
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -13.029 ± 0.137 χ^2/NDF : 2298.1/17
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -11.870 ± 0.134 χ^2/NDF : 2557.9/16

Left: -12.437 ± 0.096 χ^2/NDF : 4892.3/34
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -11.870 ± 0.134 χ^2/NDF : 2557.9/16
 Out: -13.029 ± 0.137 χ^2/NDF : 2298.1/17
 All: -12.437 ± 0.096 χ^2/NDF : 4892.3/34

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.731 ± 0.099 χ^2/NDF : 946.9/17

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.633 ± 0.098 χ^2/NDF : 1019.9/16

Left: 0.681 ± 0.070 χ^2/NDF : 1967.3/34

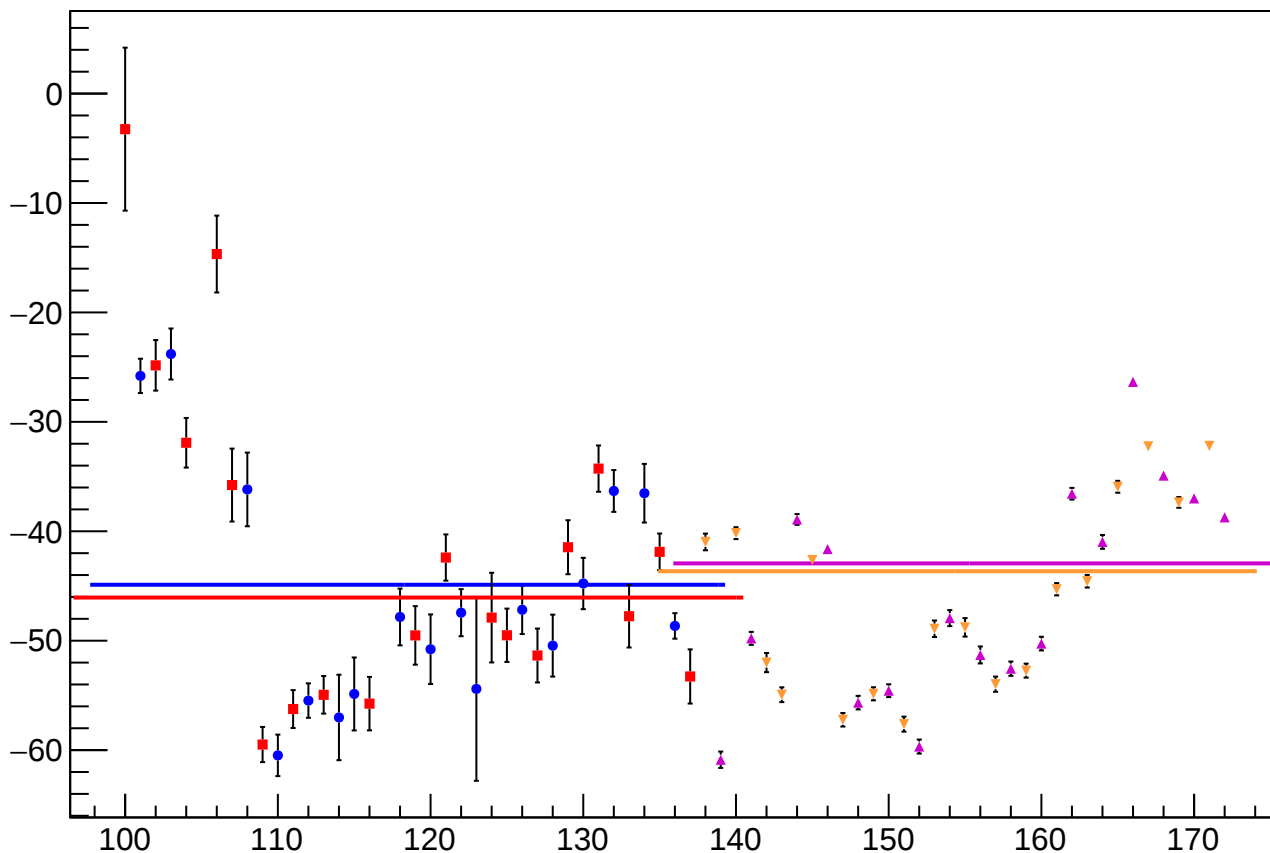
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.443 ± 0.093 χ^2/NDF : 1334.9/33

Out: 0.436 ± 0.094 χ^2/NDF : 1324.2/36

All: 0.440 ± 0.066 χ^2/NDF : 2659.2/70

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

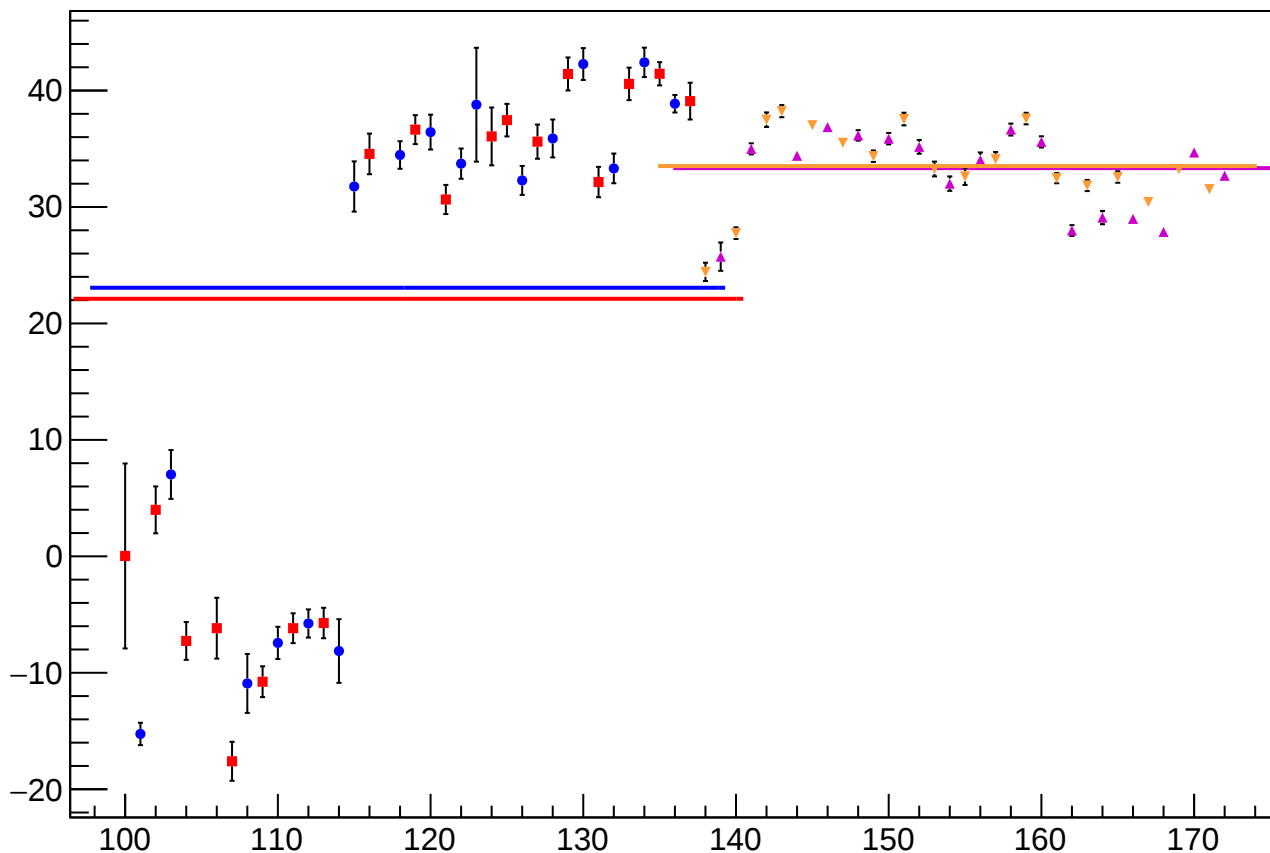


Right In: -44.888 $\pm$ 0.523 χ^2 /NDF: 420.4/16
 Left Out: -43.648 $\pm$ 0.137 χ^2 /NDF:4006.9/17
 Right Out: -46.056 $\pm$ 0.528 χ^2 /NDF: 453.7/18
 Left In: -42.935 $\pm$ 0.133 χ^2 /NDF:4893.0/16

Left: -43.282 $\pm$ 0.096 χ^2 /NDF: 8913.8/34
 Right: -45.467 $\pm$ 0.372 χ^2 /NDF: 876.6/35
 In: -43.054 $\pm$ 0.129 χ^2 /NDF:5326.5/33
 Out: -43.800 $\pm$ 0.133 χ^2 /NDF:4480.1/36

All: -43.417 $\pm$ 0.093 χ^2 /NDF: 9822.8/70

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.515 $\pm$ 0.115 χ^2 /NDF:729.8/17

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.338 $\pm$ 0.113 χ^2 /NDF:779.0/16

Left: 33.425 $\pm$ 0.081 χ^2 /NDF: 1510.0/34

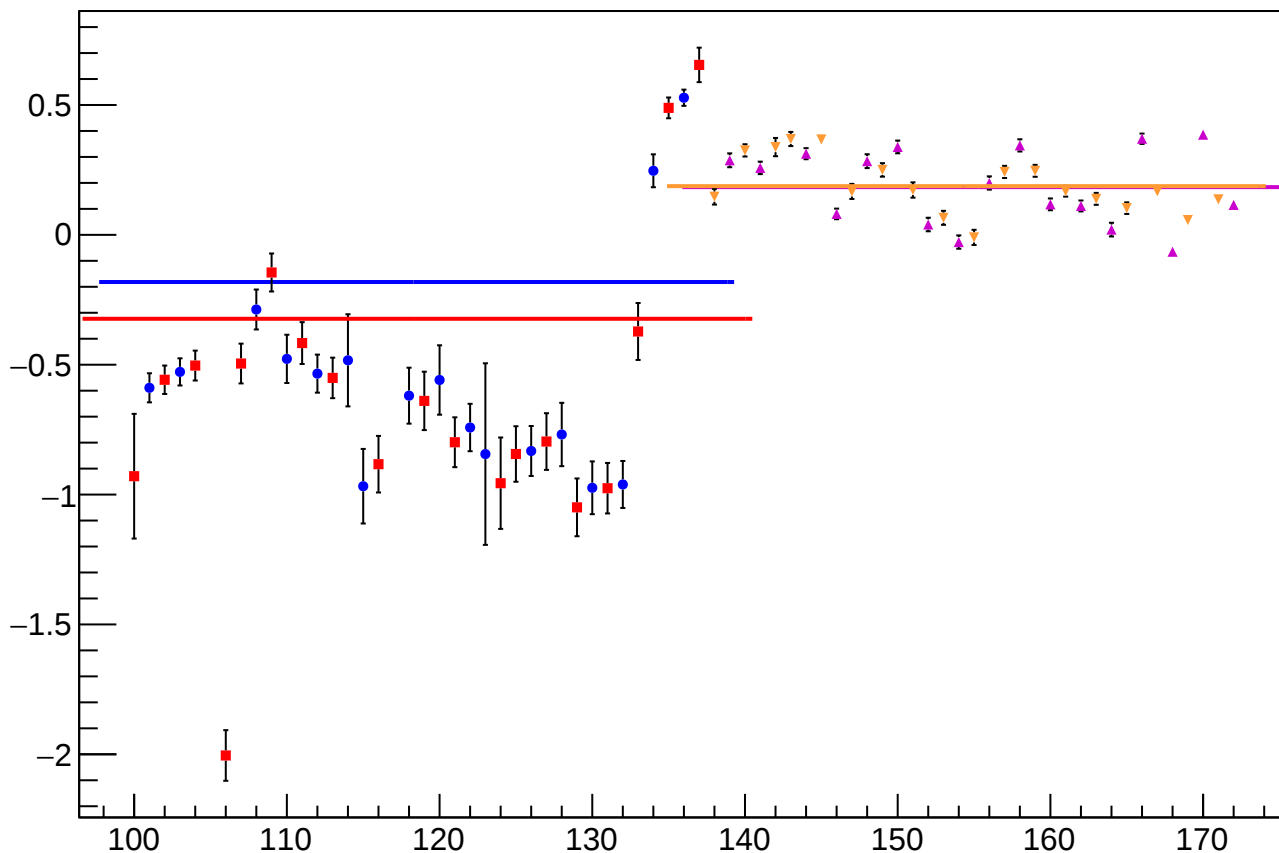
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.236 $\pm$ 0.107 χ^2 /NDF:5995.9/33

Out: 32.349 $\pm$ 0.109 χ^2 /NDF:5773.3/36

All: 32.292 $\pm$ 0.076 χ^2 /NDF: 11769.7/70

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: 0.188 ± 0.005 χ^2/NDF : 365.3/17

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.184 ± 0.005 χ^2/NDF : 831.0/16

Left: 0.186 ± 0.004 χ^2/NDF : 1196.5/34

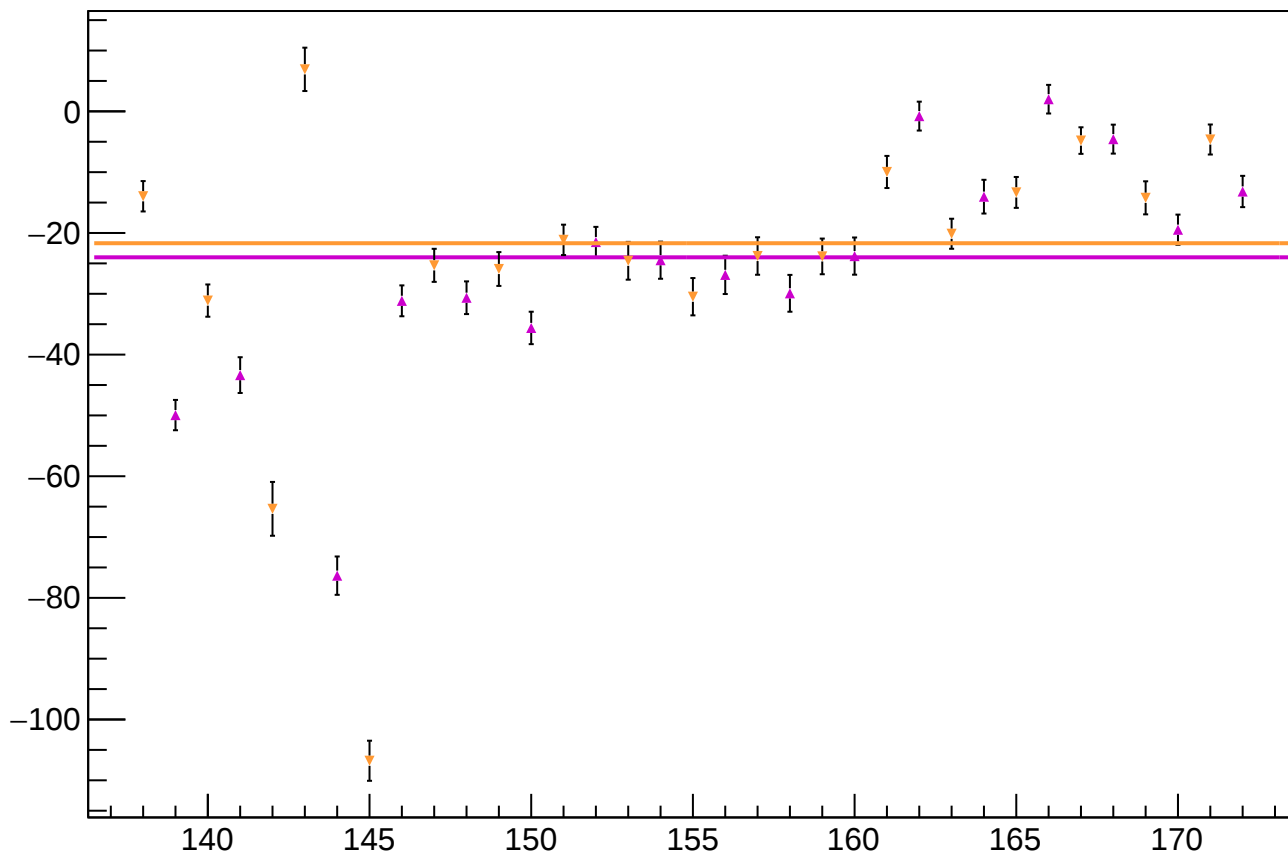
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.154 ± 0.005 χ^2/NDF : 2217.9/33

Out: 0.147 ± 0.005 χ^2/NDF : 2277.0/36

All: 0.151 ± 0.004 χ^2/NDF : 4496.0/70

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -21.684 ± 0.652 χ^2/NDF : 1010.4/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -24.002 ± 0.649 χ^2/NDF : 784.3/16

Left: -22.848 ± 0.460 χ^2/NDF : 1801.1/34

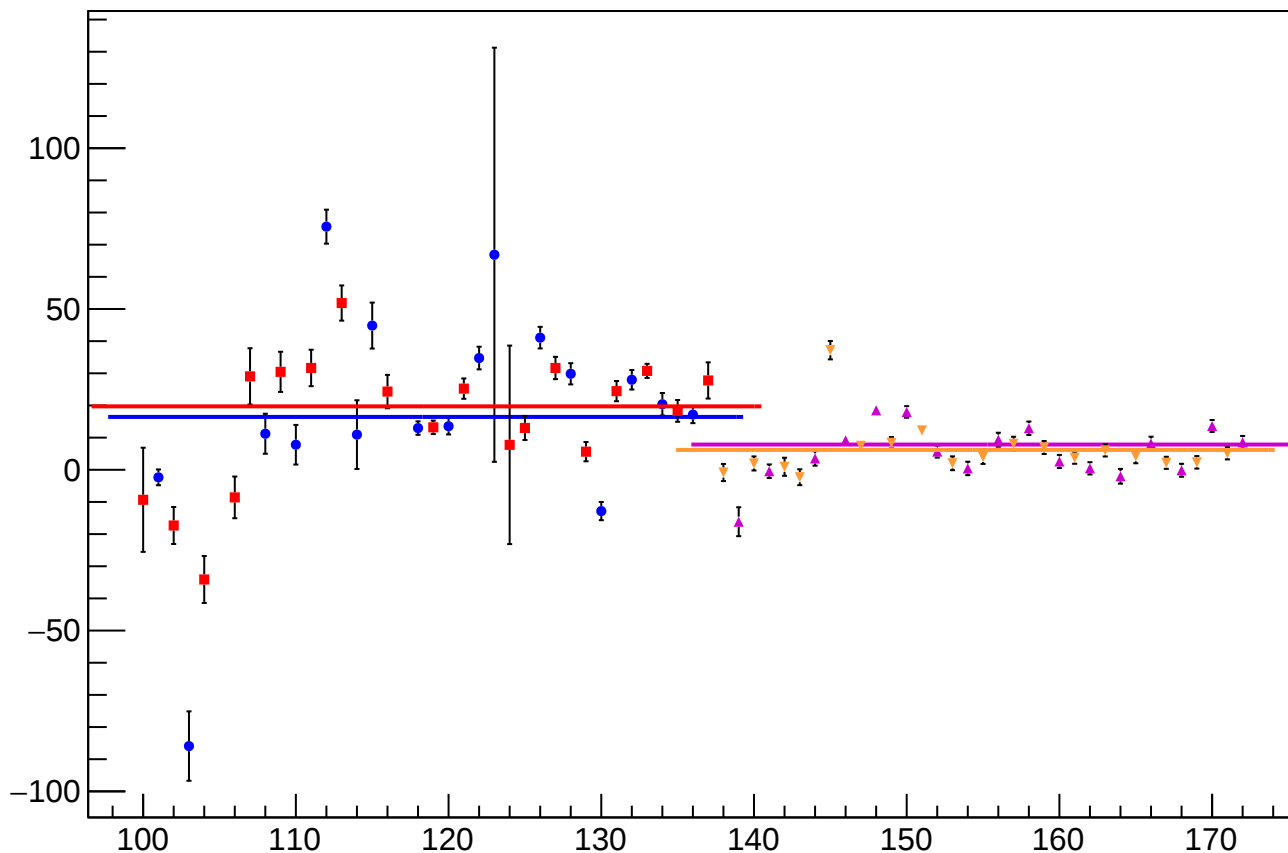
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -24.002 ± 0.649 χ^2/NDF : 784.3/16

Out: -21.684 ± 0.652 χ^2/NDF : 1010.4/17

All: -22.848 ± 0.460 χ^2/NDF : 1801.1/34

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.173 $\pm$ 0.463 χ^2 /NDF:181.4/17

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.848 $\pm$ 0.472 χ^2 /NDF:232.1/16

Left: 6.994 $\pm$ 0.331 χ^2 /NDF: 419.9/34

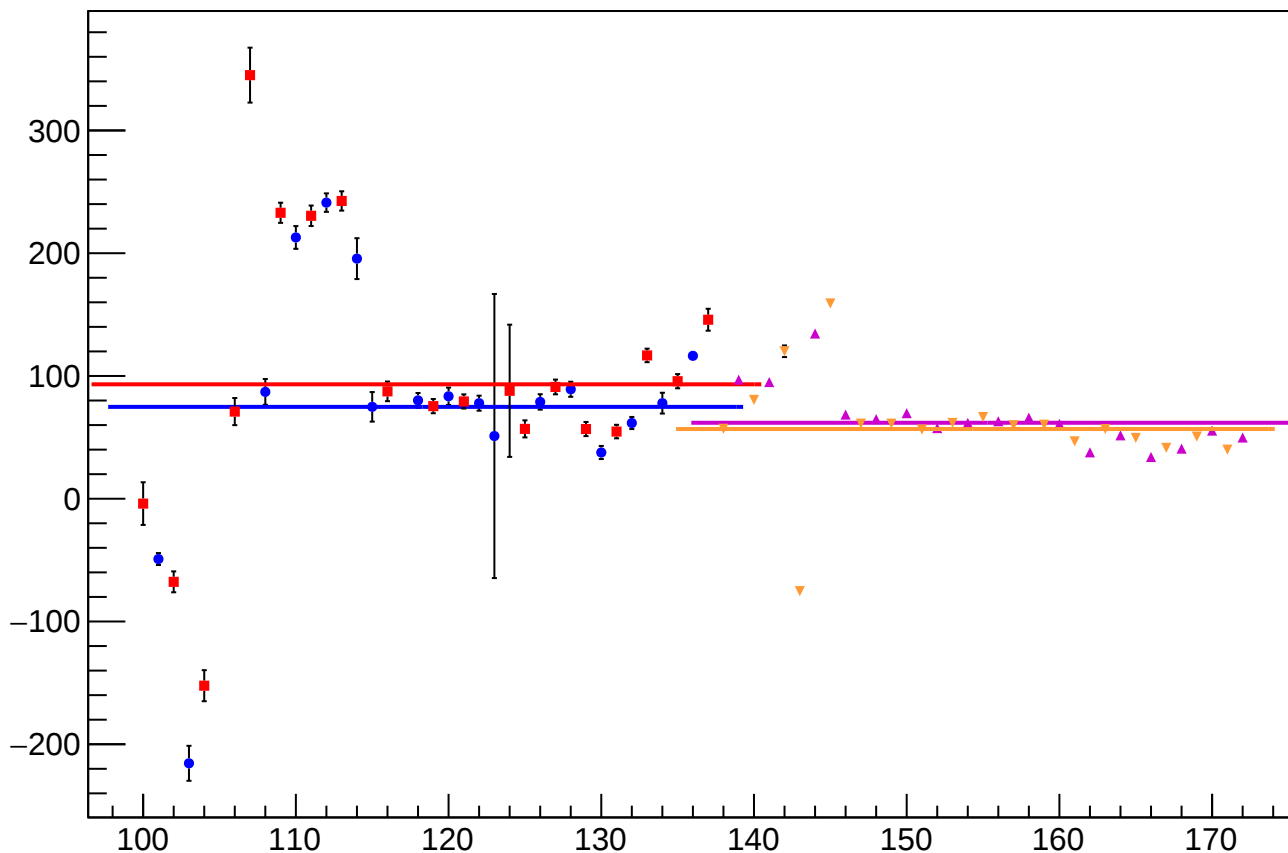
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.881 $\pm$ 0.413 χ^2 /NDF:827.3/33

Out: 9.023 $\pm$ 0.412 χ^2 /NDF:603.0/36

All: 9.451 $\pm$ 0.291 χ^2 /NDF: 1432.5/70

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 56.783 $\pm$ 0.642 χ^2 /NDF: 2494.0/17

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 61.884 $\pm$ 0.637 χ^2 /NDF: 1135.9/16

Left: 59.353 $\pm$ 0.452 χ^2 /NDF: 3661.7/34

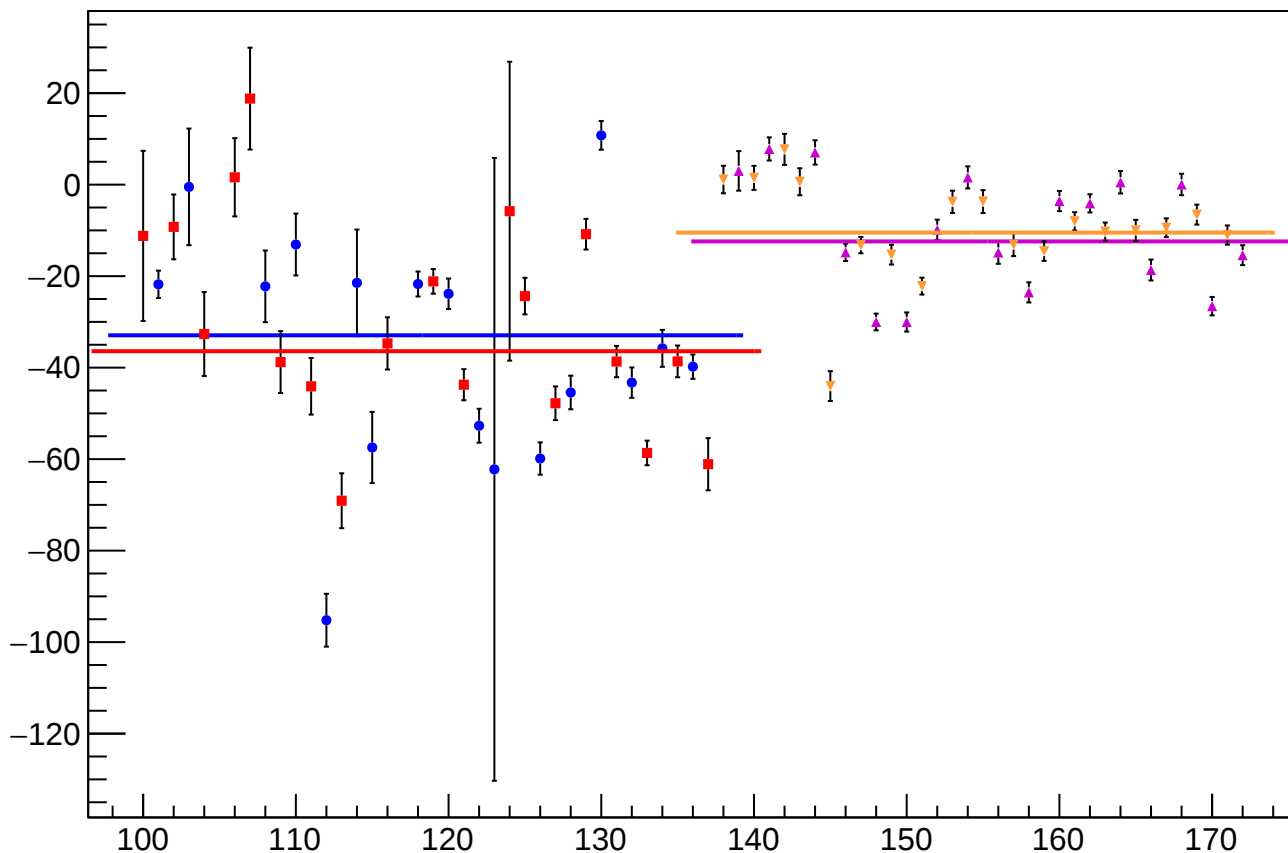
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 63.582 $\pm$ 0.594 χ^2 /NDF: 3186.9/33

Out: 61.273 $\pm$ 0.601 χ^2 /NDF: 4891.6/36

All: 62.442 $\pm$ 0.422 χ^2 /NDF: 8086.0/70

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.485 ± 0.538 χ^2/NDF : 256.9/17

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.413 ± 0.546 χ^2/NDF : 504.9/16

Left: -11.435 ± 0.383 χ^2/NDF : 768.1/34

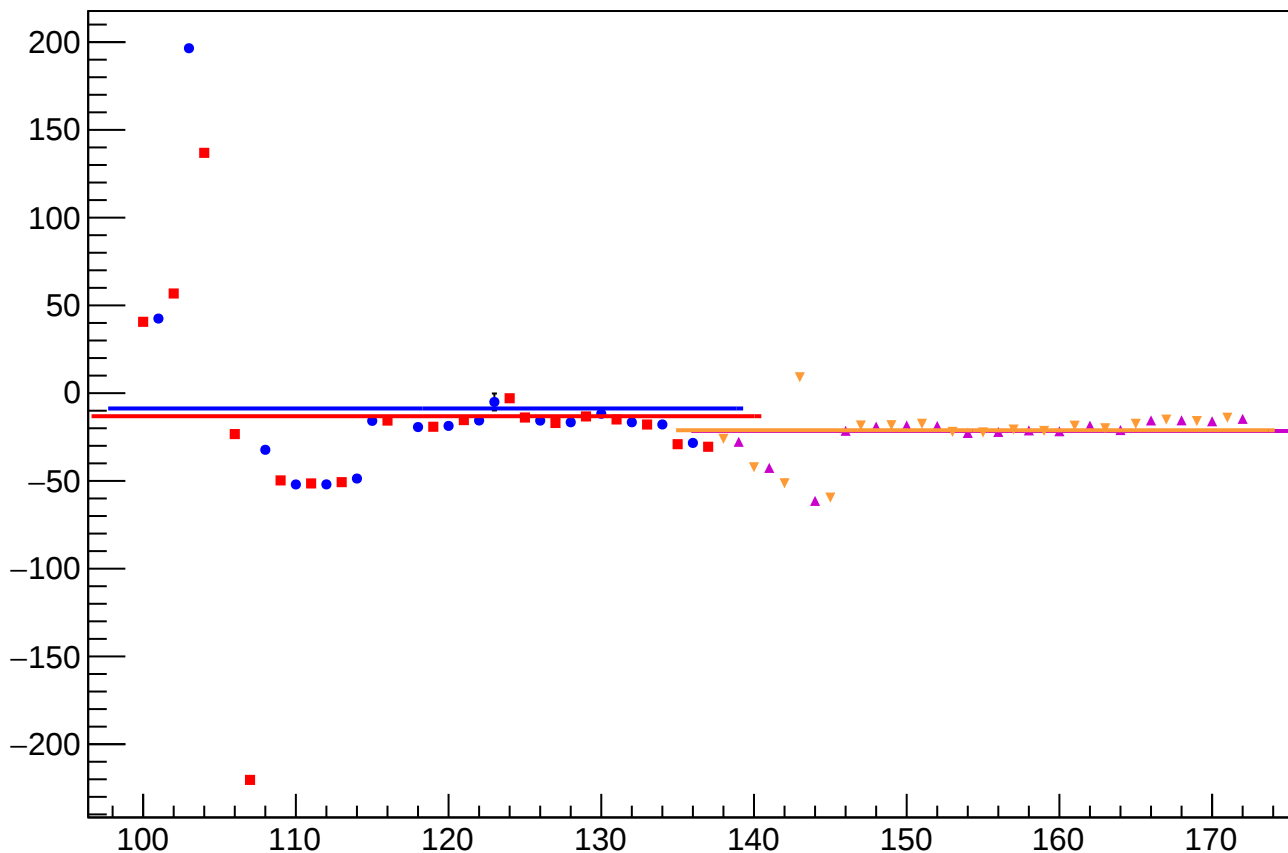
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -17.326 ± 0.476 χ^2/NDF : 1333.7/33

Out: -16.083 ± 0.476 χ^2/NDF : 1053.5/36

All: -16.705 ± 0.337 χ^2/NDF : 2390.6/70

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -21.129 ± 0.025 $\chi^2/\text{NDF}: 195129.7/17$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -21.558 ± 0.025 $\chi^2/\text{NDF}: 125231.7/16$

Left: -21.346 ± 0.018 $\chi^2/\text{NDF}: 320510.0/34$

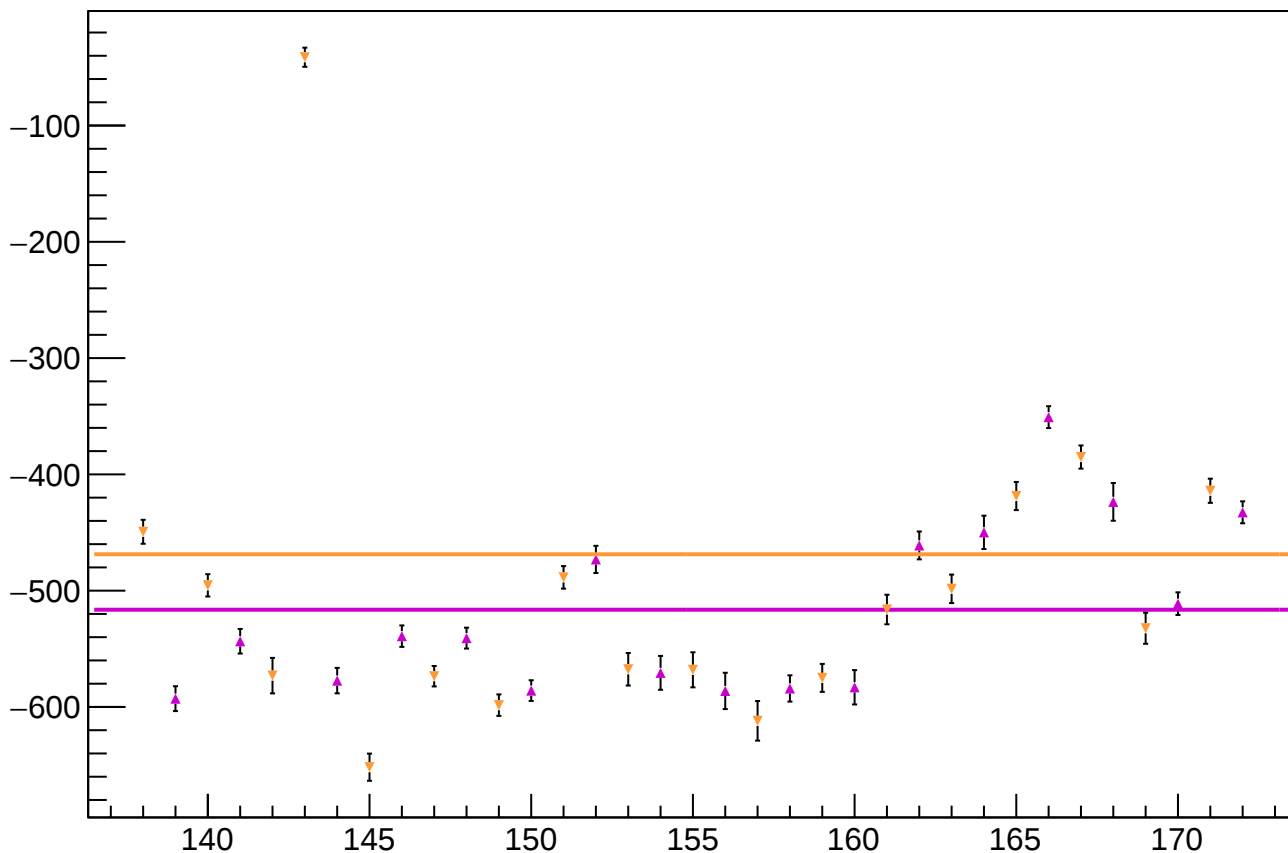
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.628 ± 0.023 $\chi^2/\text{NDF}: 741459.9/33$

Out: -20.004 ± 0.023 $\chi^2/\text{NDF}: 768155.1/36$

All: -19.813 ± 0.016 $\chi^2/\text{NDF}: 1509749.1/70$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -516.391+/-2.672 χ^2/NDF :731.9/16

Left: -492.011+/-1.868 χ^2/NDF : 4642.5/34

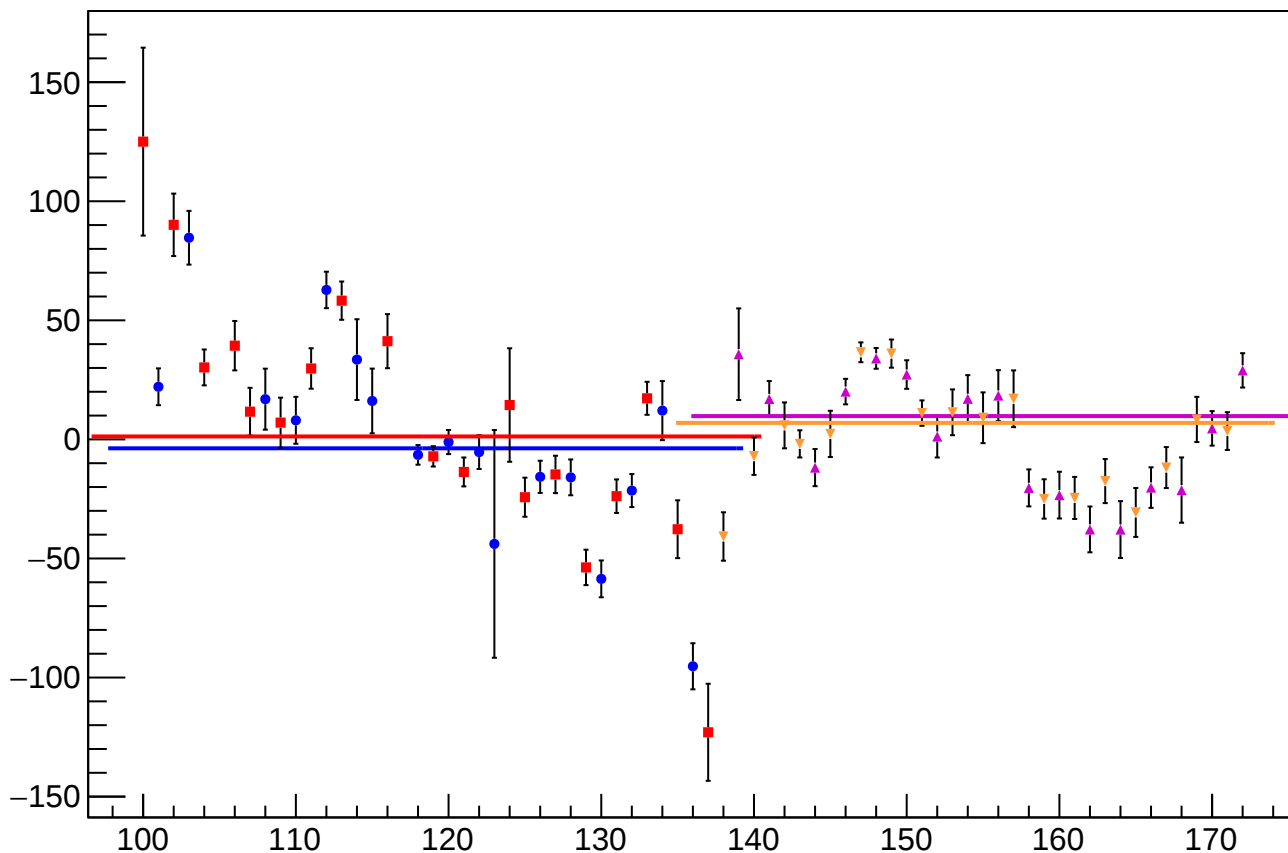
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.391+/-2.672 χ^2/NDF :731.9/16

Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

All: -492.011+/-1.868 χ^2/NDF : 4642.5/34

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.935 ± 1.781 χ^2/NDF : 157.3/17

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.786 ± 1.869 χ^2/NDF : 147.8/16

Left: 8.291 ± 1.289 χ^2/NDF : 306.3/34

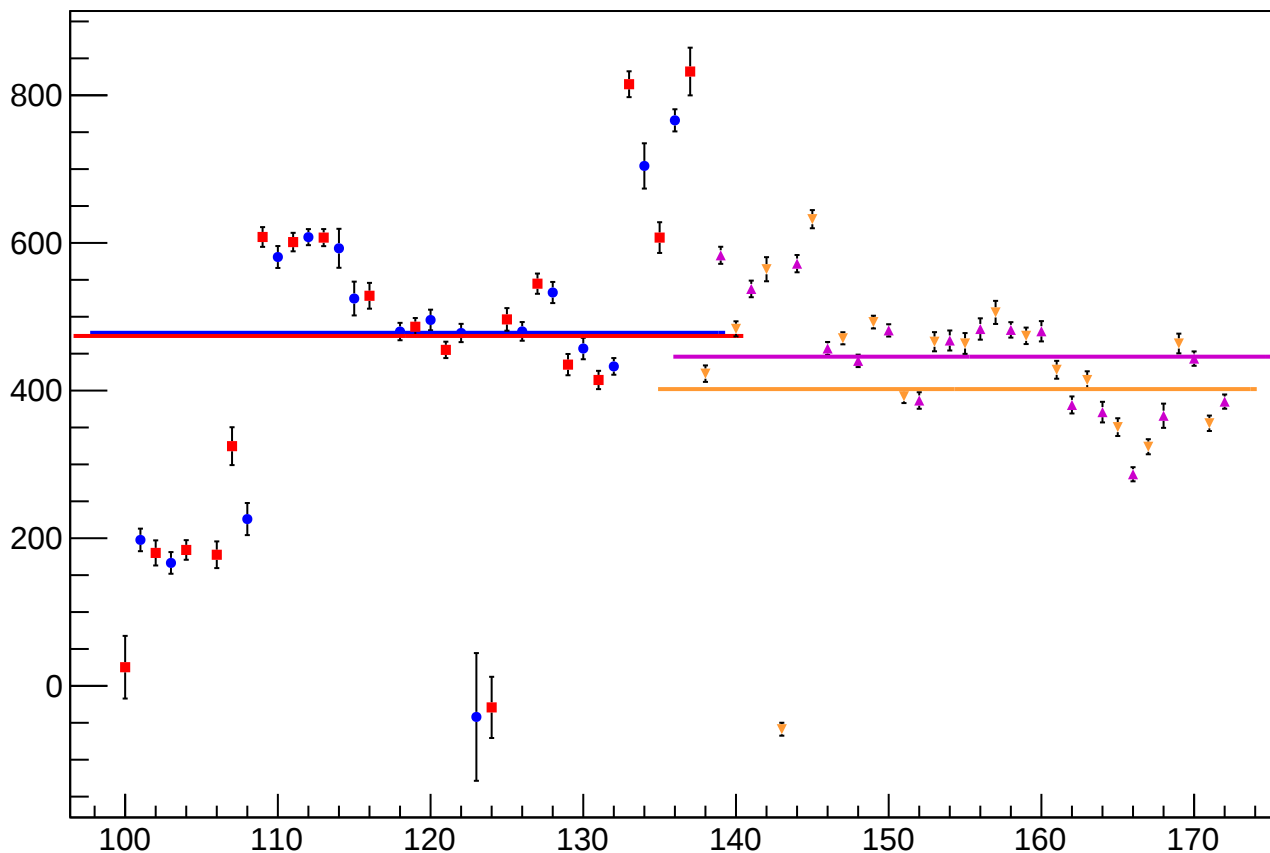
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 3.102 ± 1.330 χ^2/NDF : 487.8/33

Out: 4.295 ± 1.304 χ^2/NDF : 465.6/36

All: 3.710 ± 0.931 χ^2/NDF : 953.8/70

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 402.019 $\pm$ 2.588 χ^2 /NDF: 3708.6/17

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 445.910 $\pm$ 2.624 χ^2 /NDF: 800.3/16

Left: 423.665 $\pm$ 1.842 χ^2 /NDF: 4650.7/34

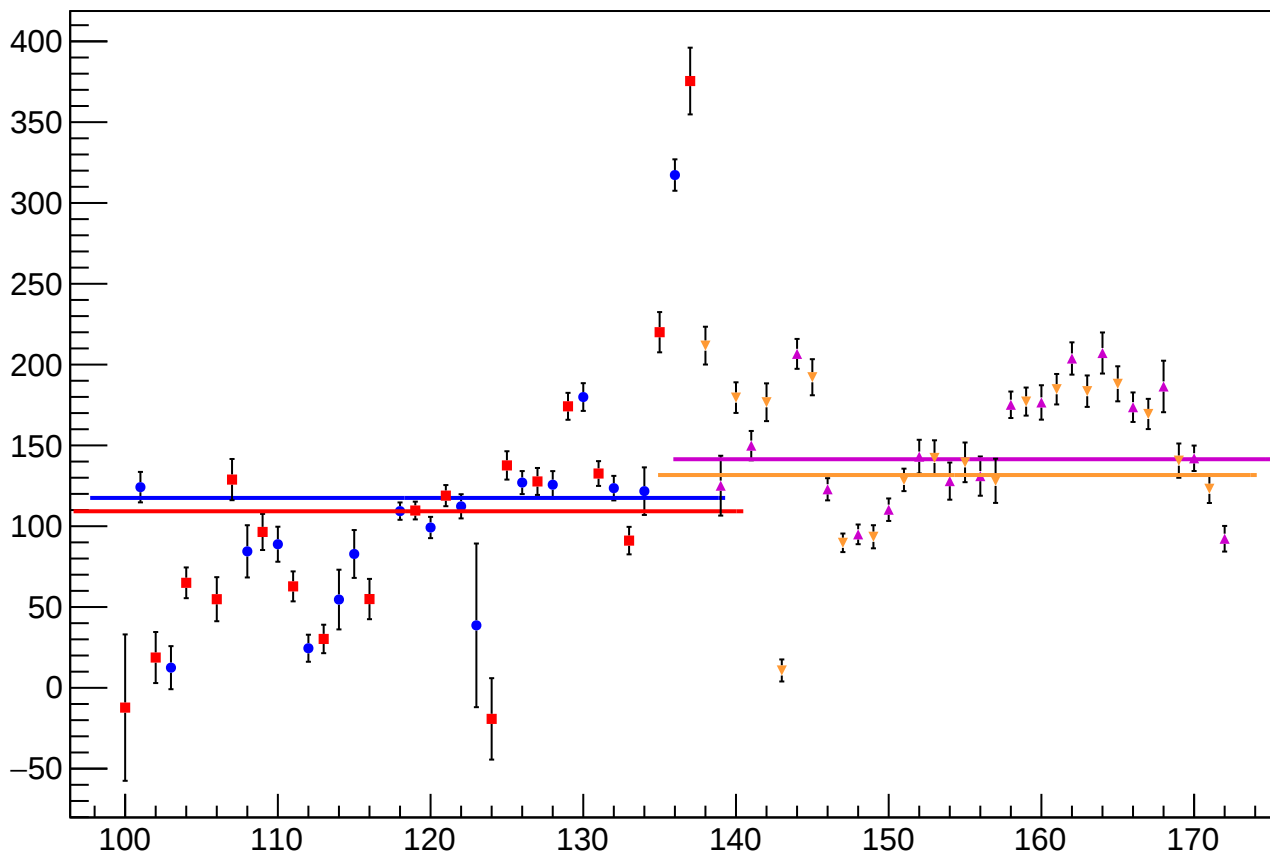
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 456.979 $\pm$ 2.128 χ^2 /NDF: 2480.3/33

Out: 427.183 $\pm$ 2.087 χ^2 /NDF: 6267.3/36

All: 441.791 $\pm$ 1.490 χ^2 /NDF: 8847.5/70

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 131.671 $\pm$ 2.117 χ^2 /NDF: 647.5/17

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 141.444 $\pm$ 2.198 χ^2 /NDF: 291.5/16

Left: 136.375 $\pm$ 1.525 χ^2 /NDF: 949.3/34

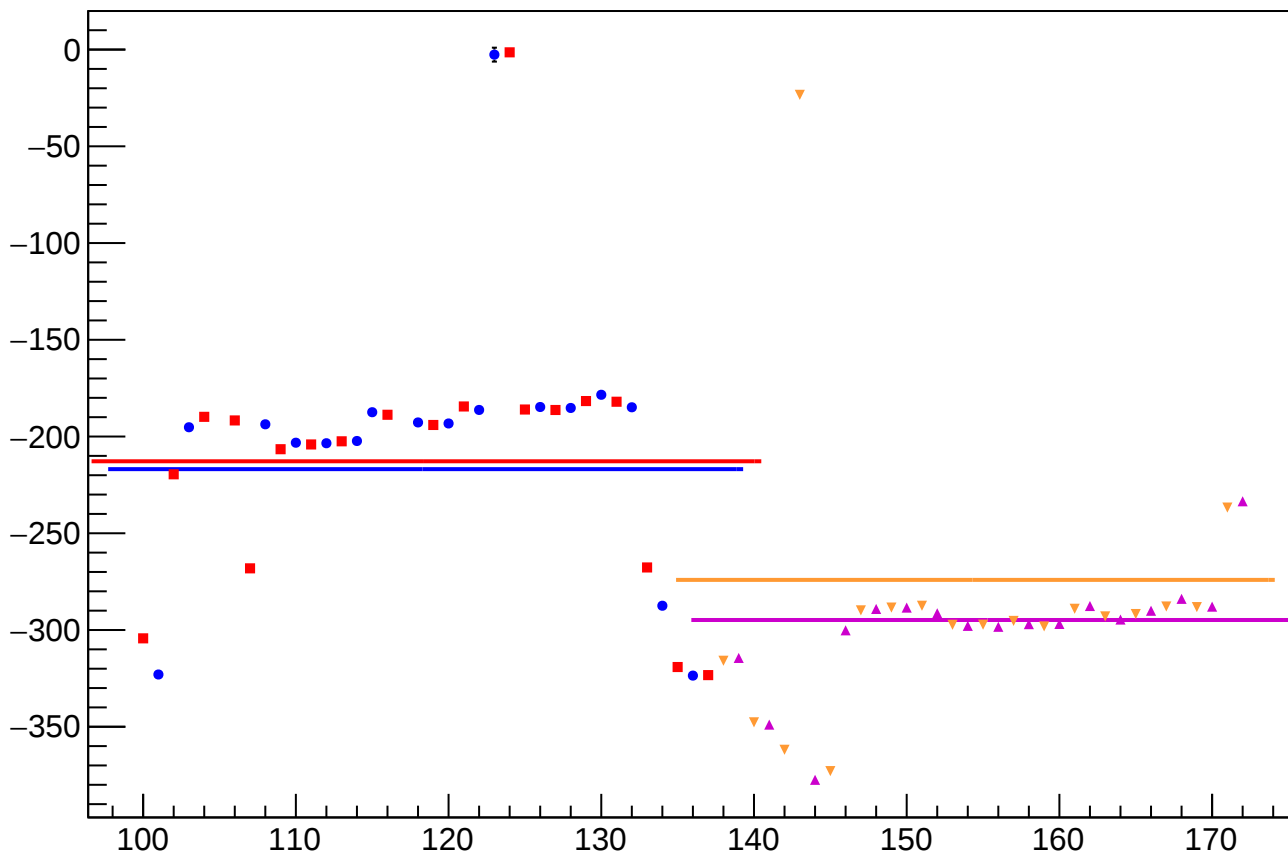
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.473 $\pm$ 1.554 χ^2 /NDF: 1056.8/33

Out: 120.920 $\pm$ 1.527 χ^2 /NDF: 1270.7/36

All: 125.122 $\pm$ 1.089 χ^2 /NDF: 2343.0/70

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -274.093 ± 0.103 $\chi^2/\text{NDF}: 632127.5/17$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -294.824 ± 0.104 $\chi^2/\text{NDF}: 76308.9/16$

Left: -284.415 ± 0.073 $\chi^2/\text{NDF}: 728562.2/34$

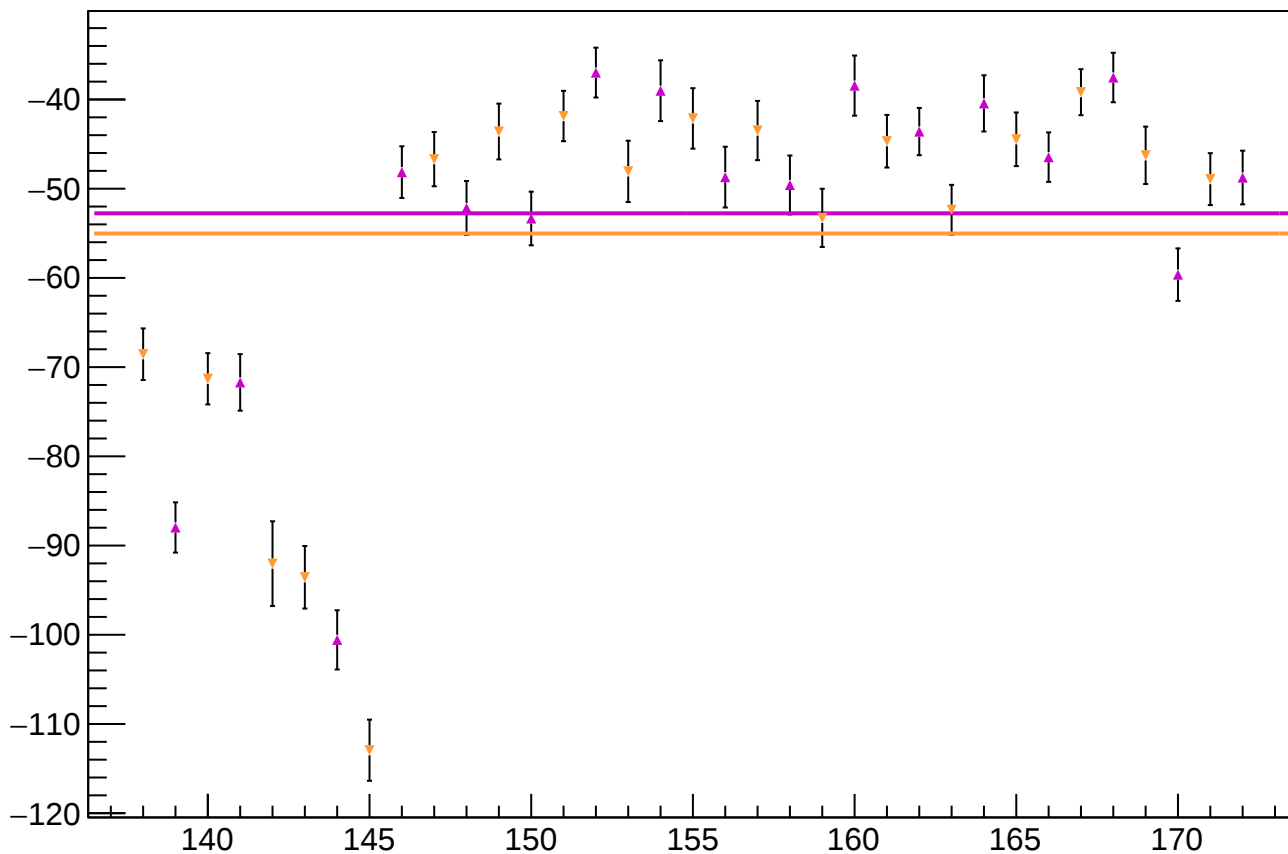
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -266.173 ± 0.082 $\chi^2/\text{NDF}: 431568.3/33$

Out: -250.434 ± 0.081 $\chi^2/\text{NDF}: 885111.8/36$

All: -258.154 ± 0.058 $\chi^2/\text{NDF}: 1335288.1/70$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



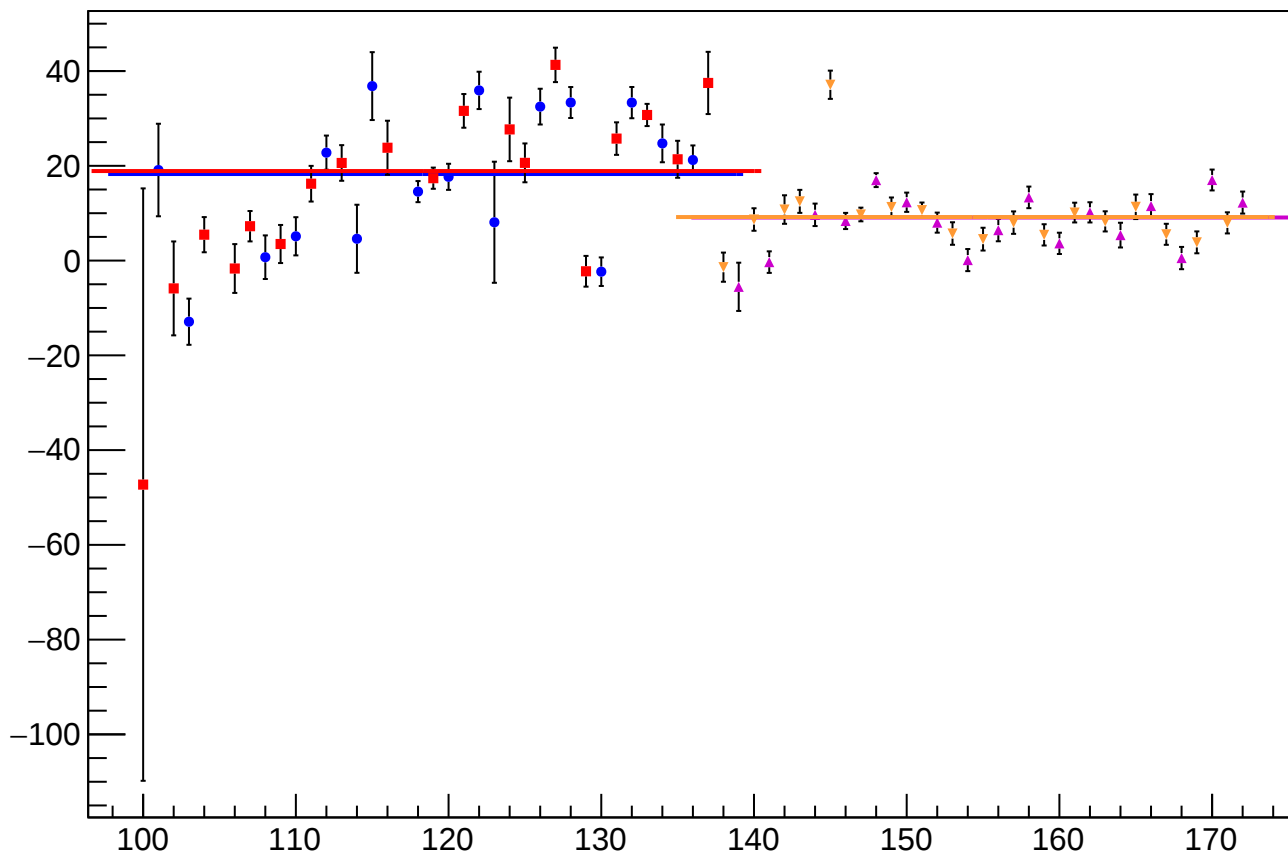
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.023+/-0.732 χ^2/NDF : 669.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.760+/-0.732 χ^2/NDF : 540.2/16

Left: -53.890+/-0.518 χ^2/NDF : 1214.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.760+/-0.732 χ^2/NDF : 540.2/16
 Out: -55.023+/-0.732 χ^2/NDF : 669.7/17

All: -53.890+/-0.518 χ^2/NDF : 1214.7/34

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.187 ± 0.519 χ^2/NDF : 122.2/17

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.093 ± 0.532 χ^2/NDF : 114.0/16

Left: 9.141 ± 0.372 χ^2/NDF : 236.2/34

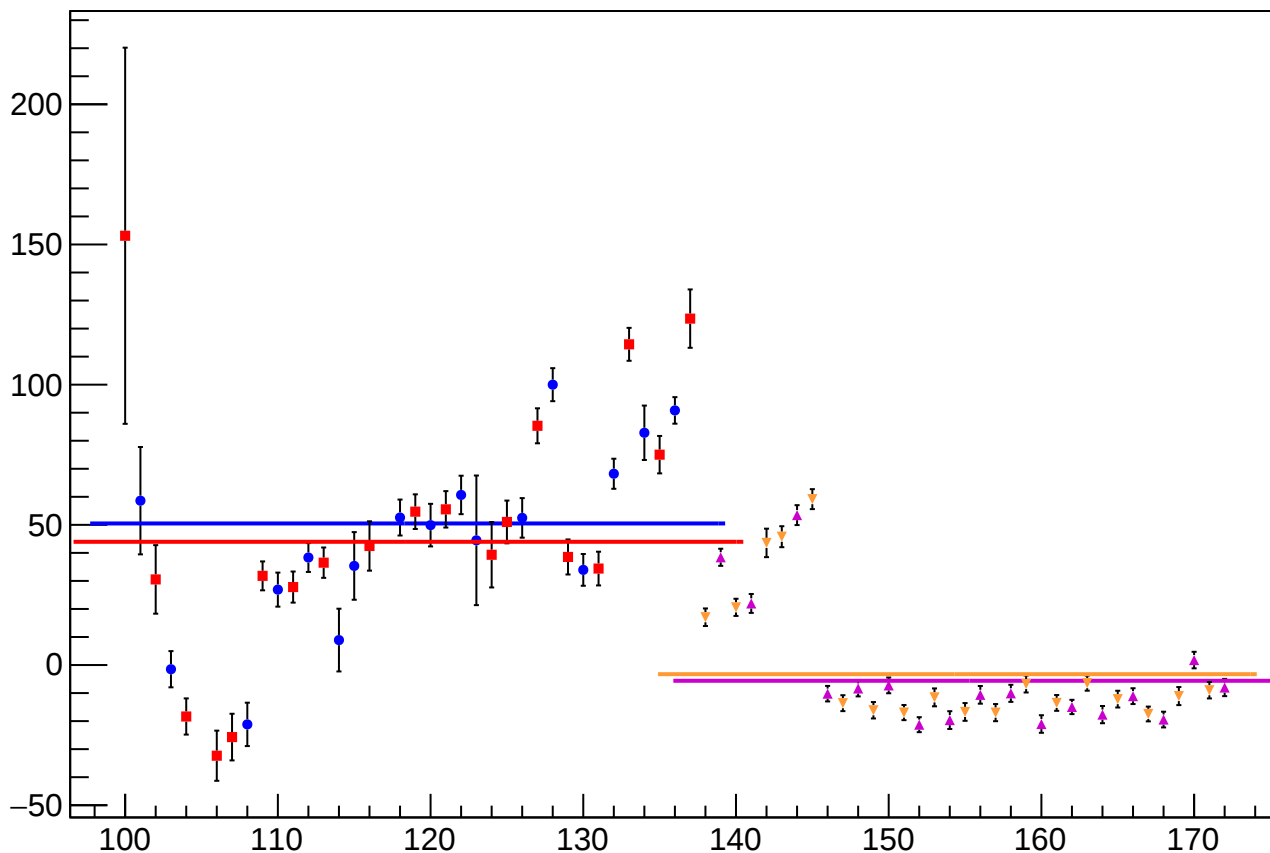
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.443 ± 0.459 χ^2/NDF : 398.5/33

Out: 11.762 ± 0.445 χ^2/NDF : 414.2/36

All: 11.607 ± 0.319 χ^2/NDF : 812.9/70

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -3.261 ± 0.721 χ^2/NDF : 833.6/17

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: -5.615 ± 0.718 χ^2/NDF : 703.0/16

Left: -4.443 ± 0.509 χ^2/NDF : 1541.9/34

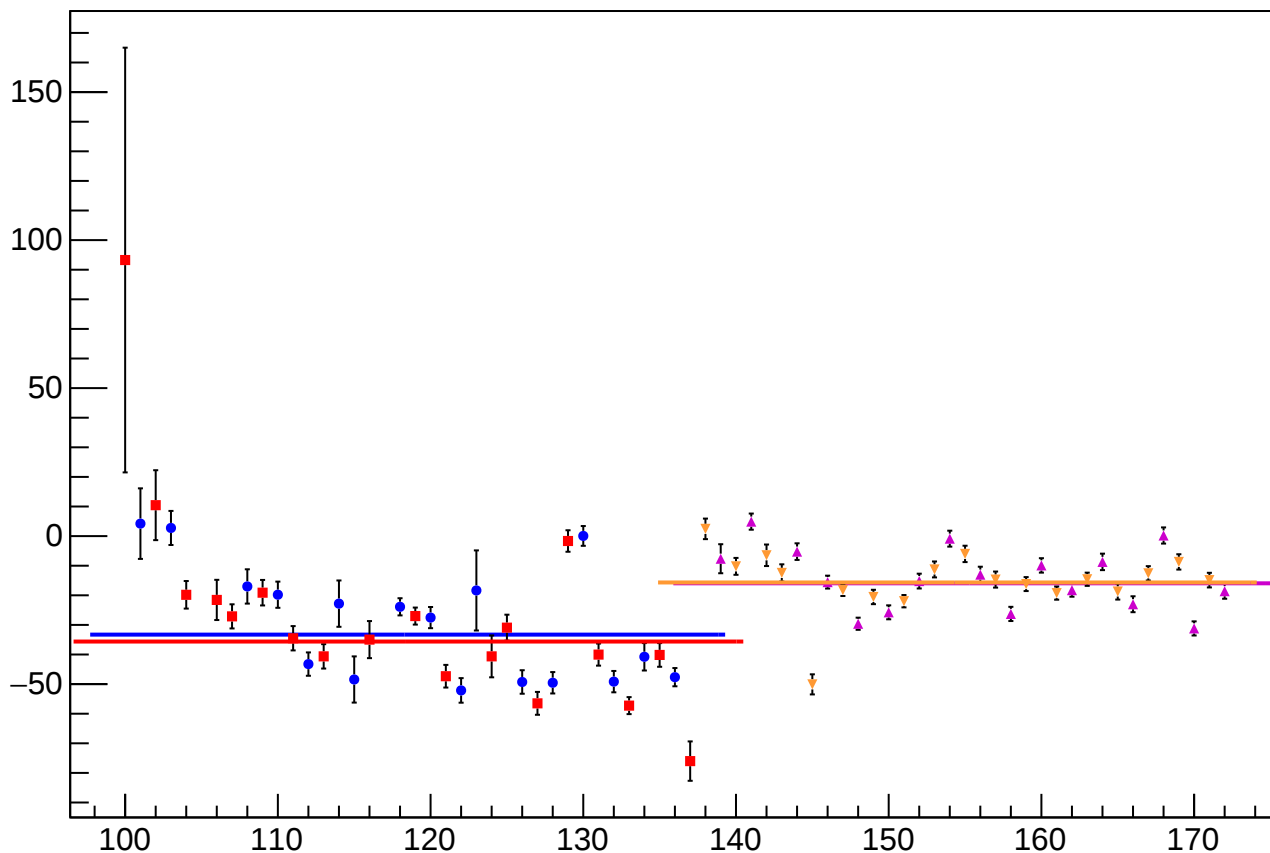
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: 3.137 ± 0.660 χ^2/NDF : 2018.1/33

Out: 4.689 ± 0.658 χ^2/NDF : 2089.4/36

All: 3.915 ± 0.466 χ^2/NDF : 4110.3/70

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.660 ± 0.604 χ^2/NDF : 184.2/17

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.948 ± 0.615 χ^2/NDF : 286.3/16

Left: -15.802 ± 0.431 χ^2/NDF : 470.6/34

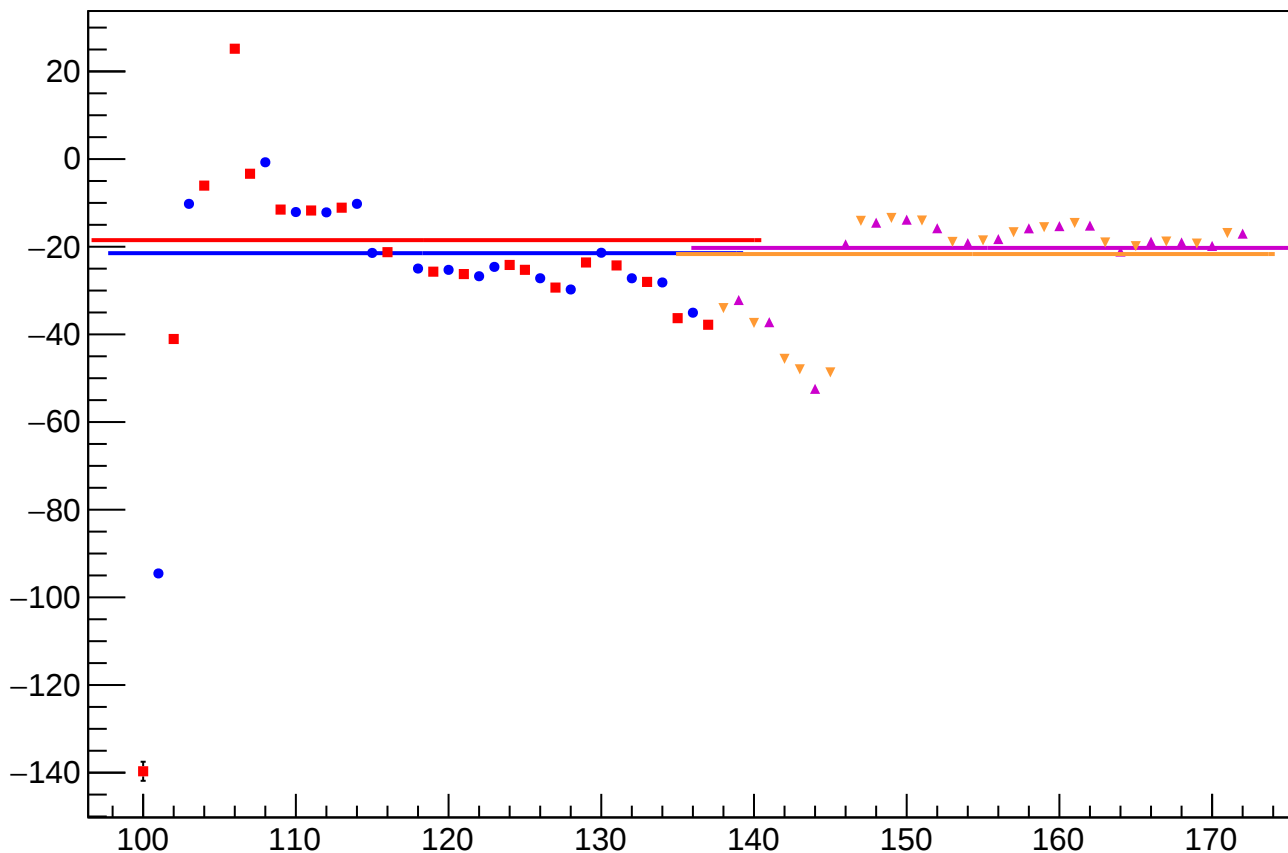
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.472 ± 0.529 χ^2/NDF : 786.6/33

Out: -21.051 ± 0.516 χ^2/NDF : 767.1/36

All: -20.769 ± 0.369 χ^2/NDF : 1554.3/70

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.670 ± 0.028 $\chi^2/\text{NDF}: 132706.1/17$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -20.269 ± 0.028 $\chi^2/\text{NDF}: 85408.3/16$

Left: -20.965 ± 0.020 $\chi^2/\text{NDF}: 219367.5/34$

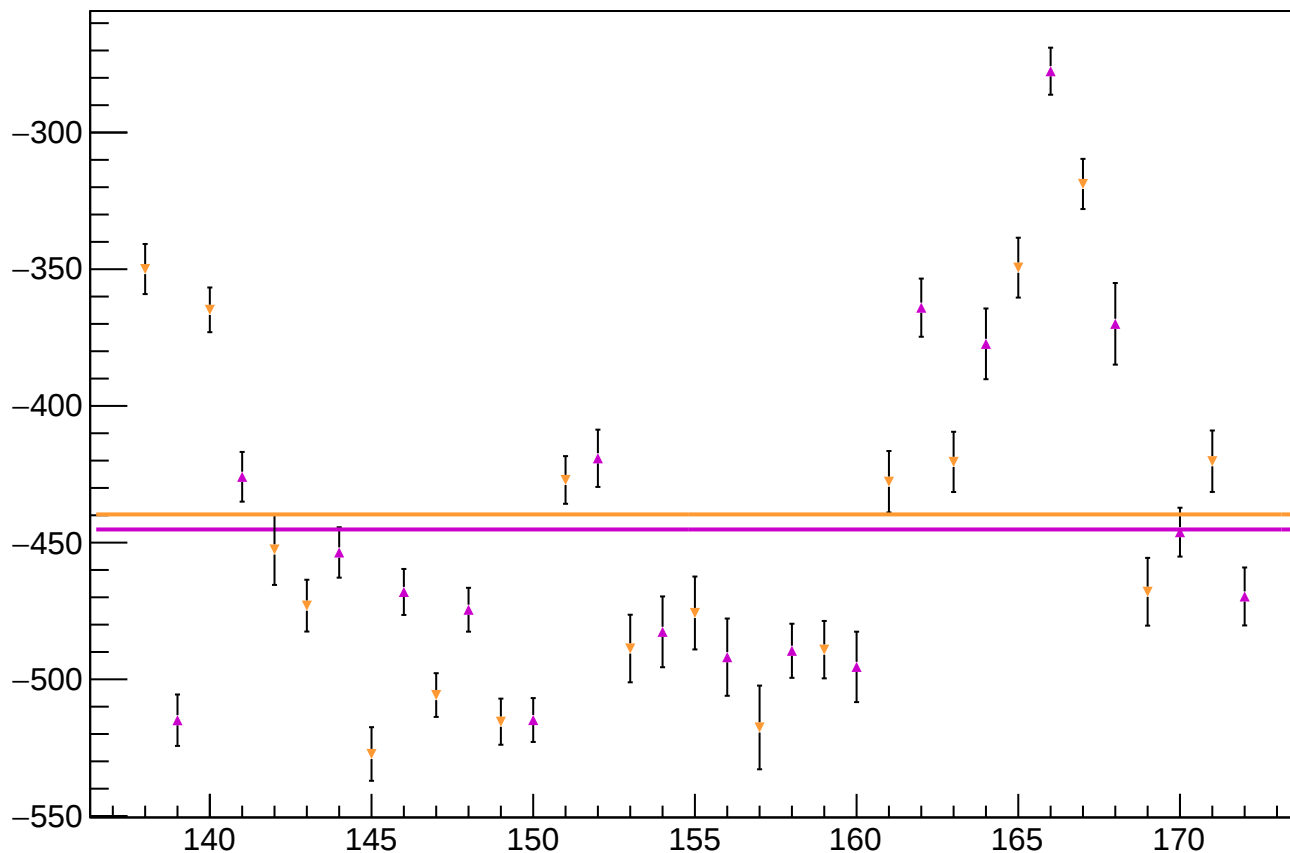
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.490 ± 0.025 $\chi^2/\text{NDF}: 134728.4/33$

Out: -21.057 ± 0.025 $\chi^2/\text{NDF}: 215877.6/36$

All: -20.773 ± 0.018 $\chi^2/\text{NDF}: 350858.8/70$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.191+/-2.418 χ^2/NDF : 713.2/16

Left: -442.415+/-1.704 χ^2/NDF : 1464.9/34

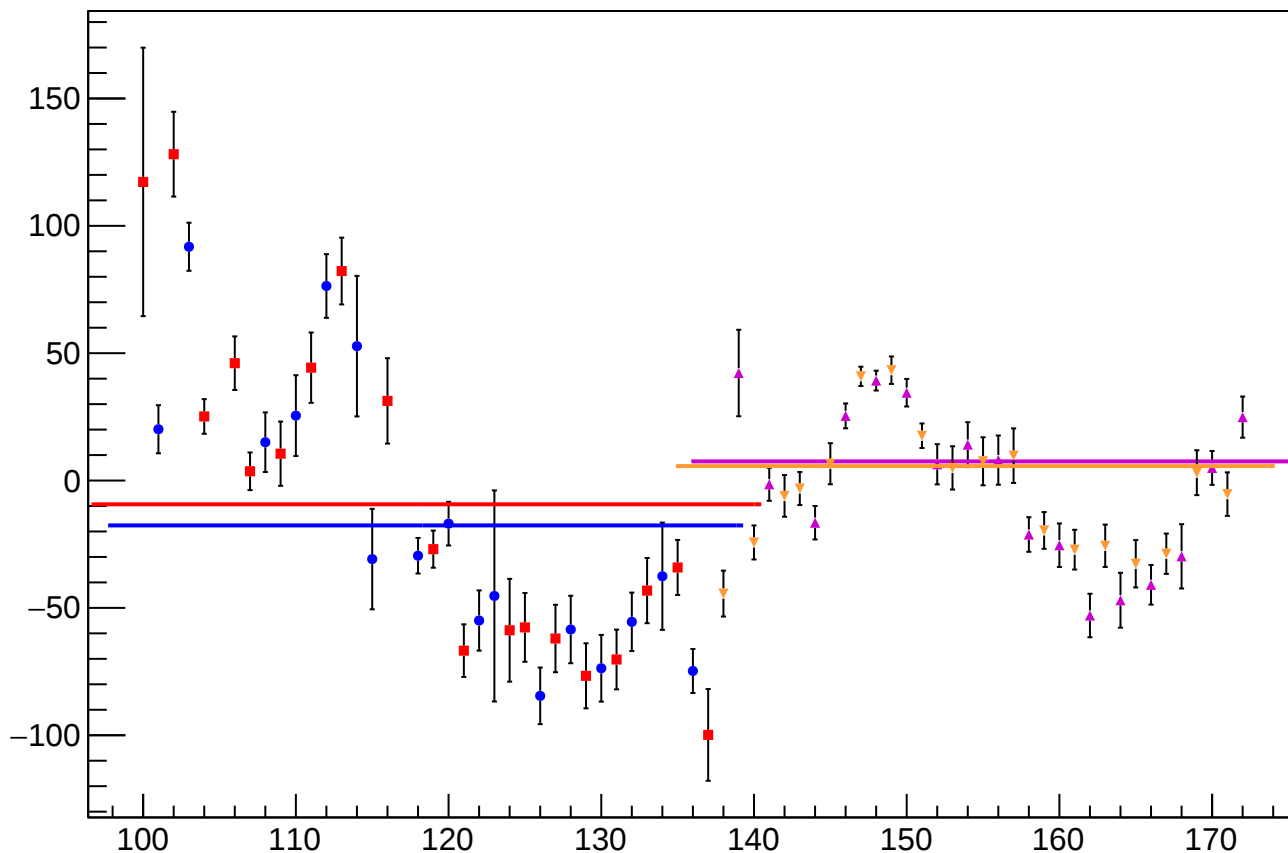
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.191+/-2.418 χ^2/NDF : 713.2/16

Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

All: -442.415+/-1.704 χ^2/NDF : 1464.9/34

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 5.676 ± 1.635 $\chi^2/\text{NDF}: 278.0/17$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 7.517 ± 1.688 $\chi^2/\text{NDF}: 285.7/16$

Left: 6.567 ± 1.175 $\chi^2/\text{NDF}: 564.3/34$

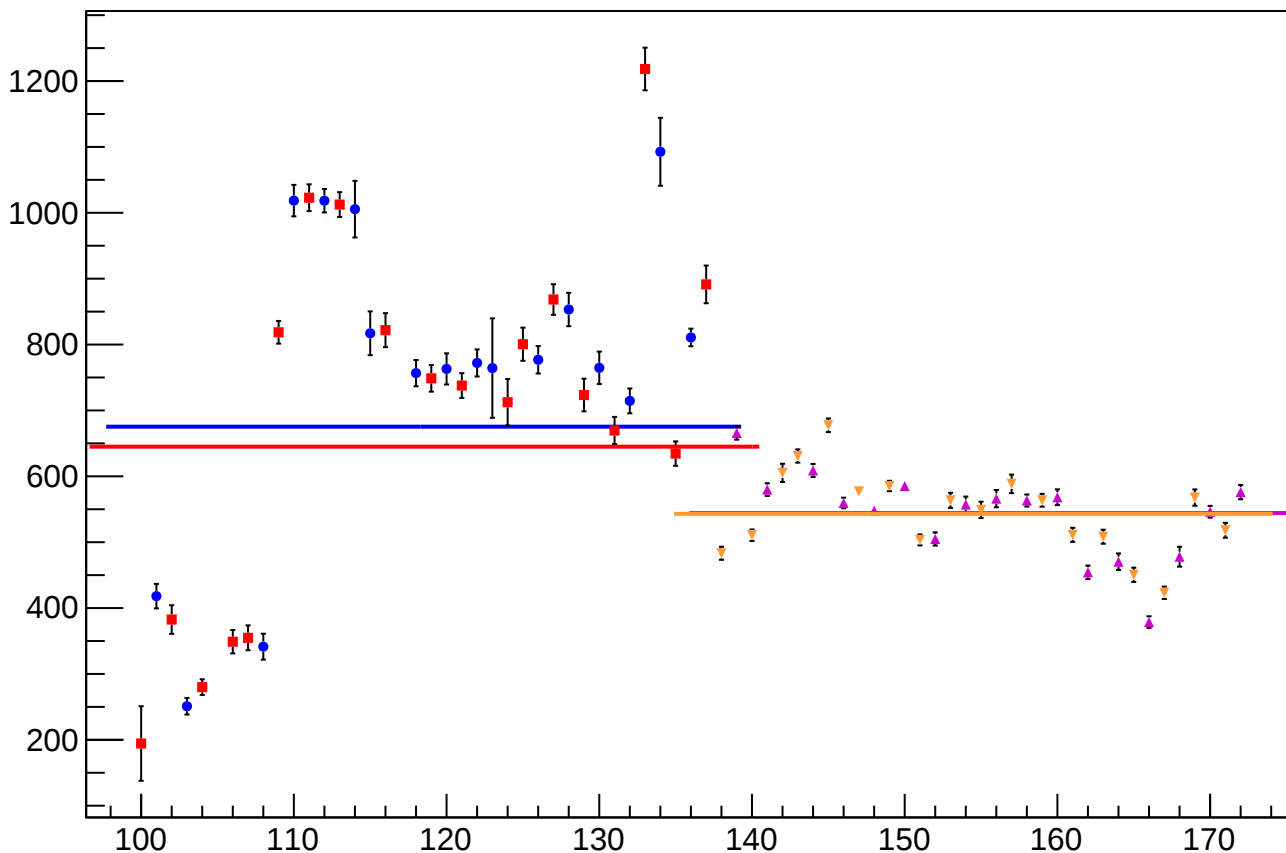
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 0.768 ± 1.444 $\chi^2/\text{NDF}: 707.3/33$

Out: 1.444 ± 1.386 $\chi^2/\text{NDF}: 668.2/36$

All: 1.120 ± 1.000 $\chi^2/\text{NDF}: 1375.6/70$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2/NDF : 2582.7/16

Left Out: 543.064 $\pm$ 2.373 χ^2/NDF : 668.4/17

Right Out: 645.022 $\pm$ 4.758 χ^2/NDF : 3122.8/18

Left In: 544.207 $\pm$ 2.374 χ^2/NDF : 756.4/16

Left: 543.635 $\pm$ 1.678 χ^2/NDF : 1424.9/34

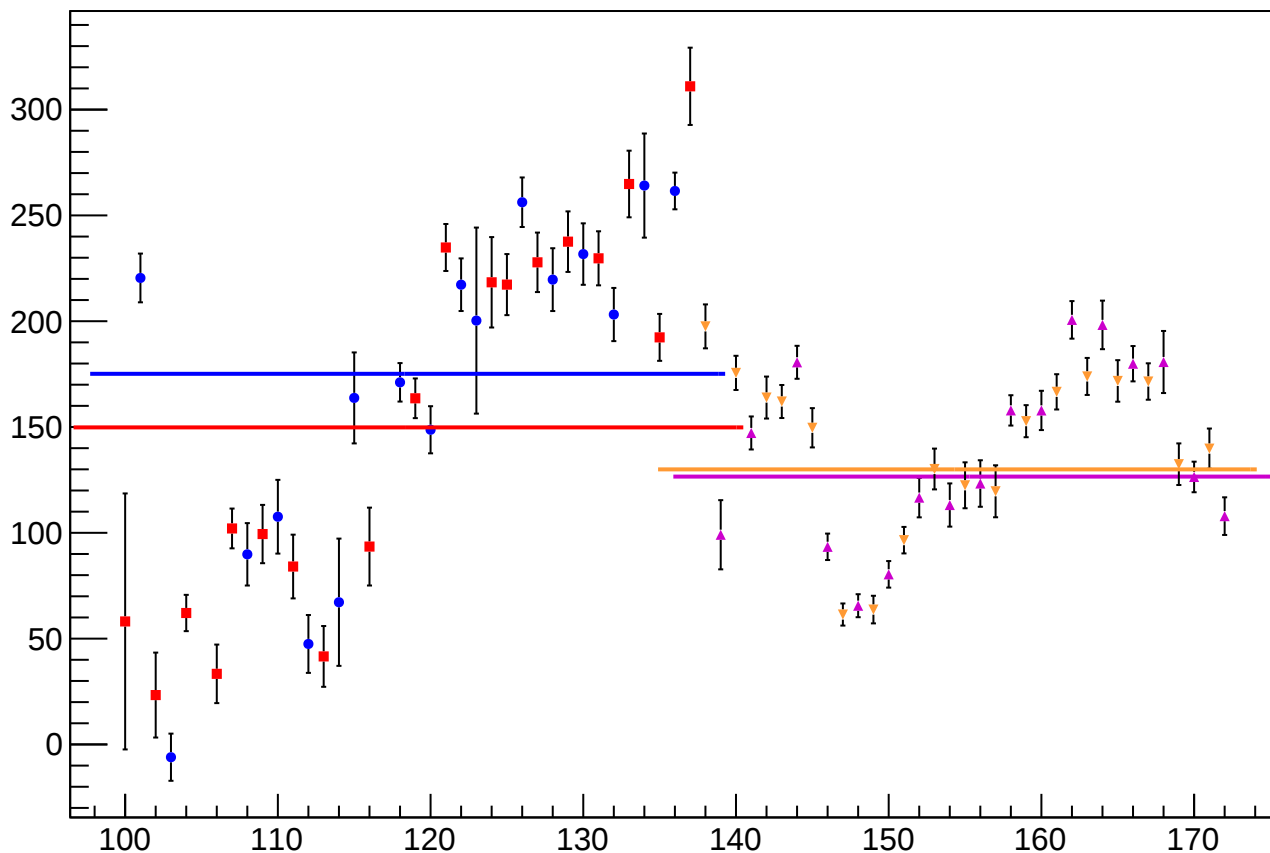
Right: 659.291 $\pm$ 3.462 χ^2/NDF : 5724.6/35

In: 567.969 $\pm$ 2.148 χ^2/NDF : 3892.1/33

Out: 563.376 $\pm$ 2.124 χ^2/NDF : 4158.9/36

All: 565.647 $\pm$ 1.510 χ^2/NDF : 8053.4/70

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 129.982 ± 1.945 χ^2/NDF : 508.5/17

Right Out: 149.822 ± 3.041 χ^2/NDF : 688.5/18

Left In: 126.576 ± 1.988 χ^2/NDF : 467.3/16

Left: 128.316 ± 1.390 χ^2/NDF : 977.2/34

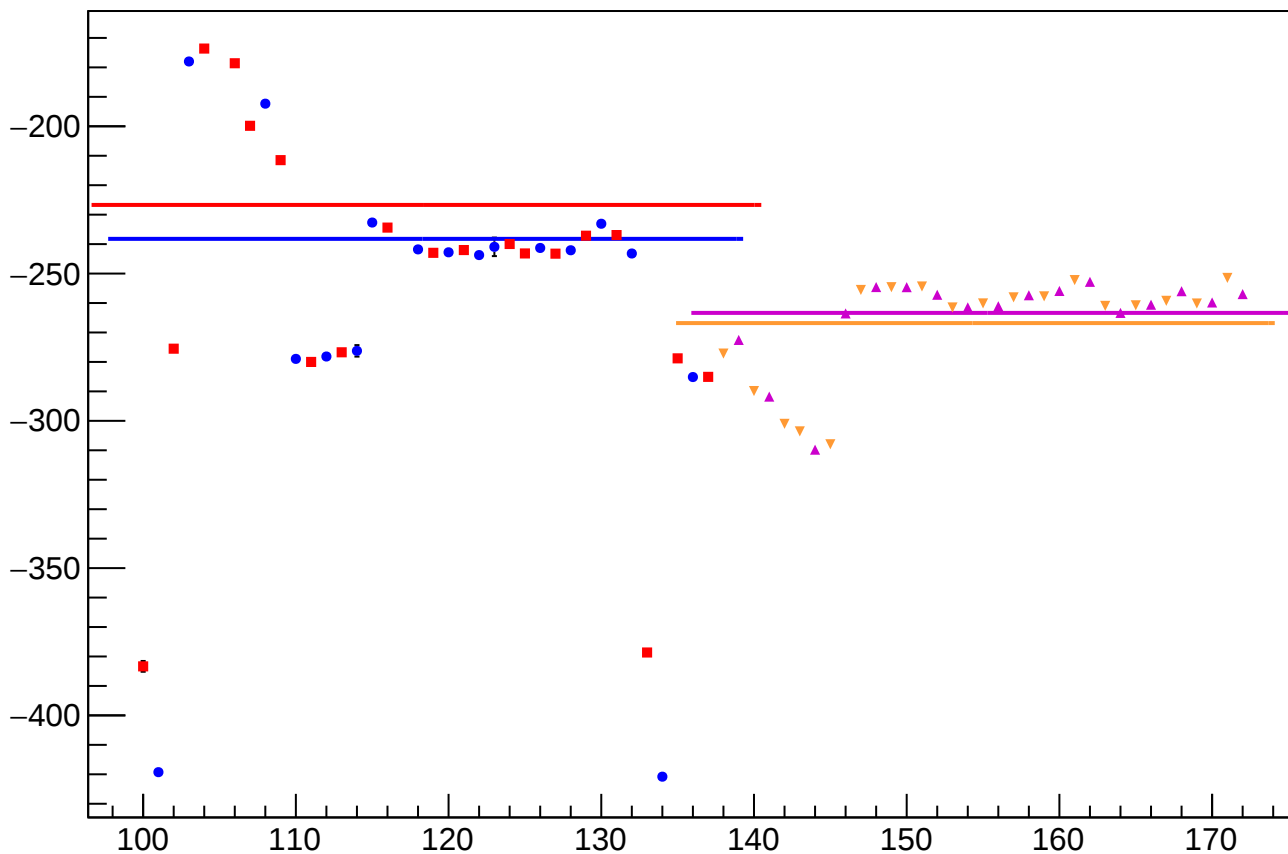
Right: 161.803 ± 2.208 χ^2/NDF : 1356.9/35

In: 140.042 ± 1.690 χ^2/NDF : 1268.4/33

Out: 135.739 ± 1.638 χ^2/NDF : 1227.2/36

All: 137.824 ± 1.176 χ^2/NDF : 2498.9/70

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -266.810 ± 0.095 $\chi^2/\text{NDF}: 35112.6/17$

Right Out: -226.696 ± 0.151 $\chi^2/\text{NDF}: 102814.8/18$

Left In: -263.352 ± 0.094 $\chi^2/\text{NDF}: 21225.1/16$

Left: -265.066 ± 0.067 $\chi^2/\text{NDF}: 57009.6/34$

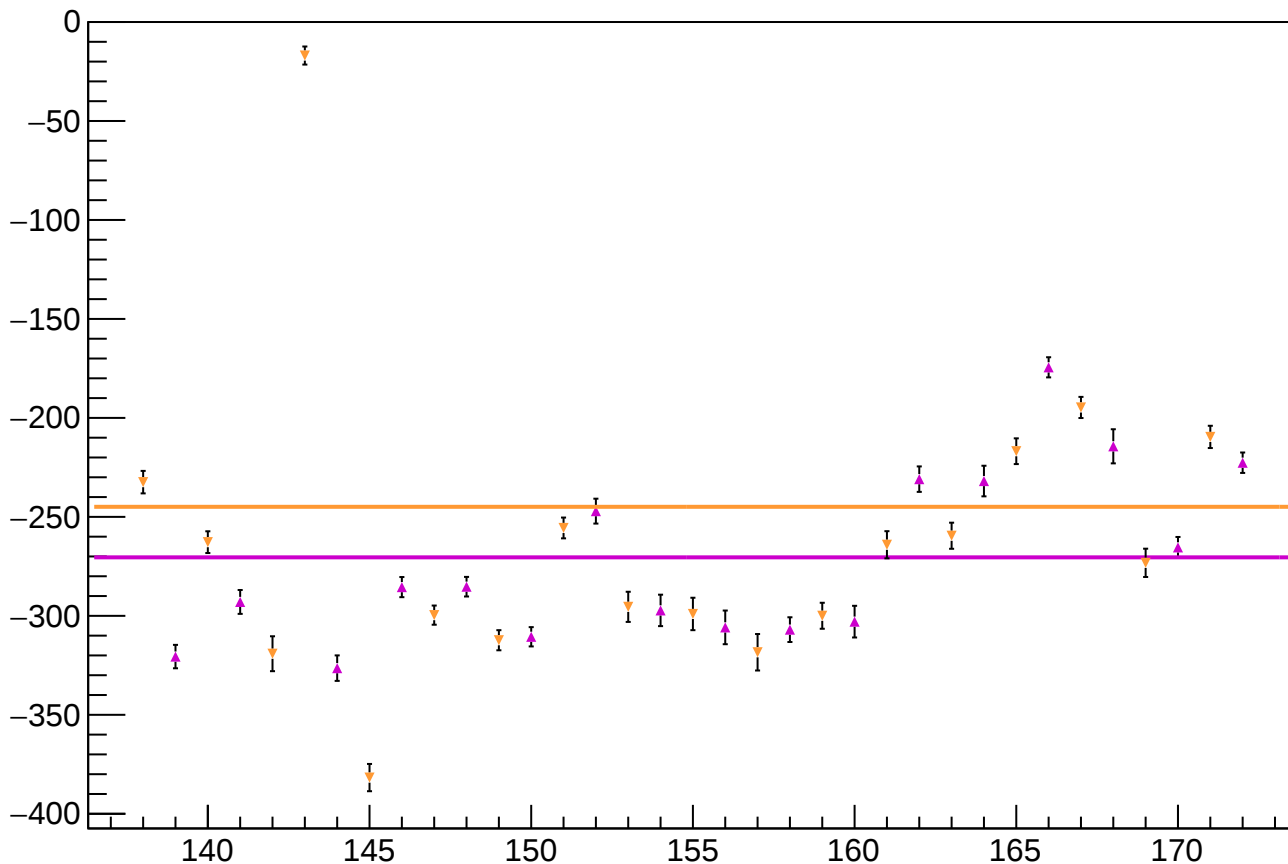
Right: -232.123 ± 0.110 $\chi^2/\text{NDF}: 272653.1/35$

In: -256.911 ± 0.081 $\chi^2/\text{NDF}: 206663.8/33$

Out: -255.482 ± 0.080 $\chi^2/\text{NDF}: 188535.5/36$

All: -256.190 ± 0.057 $\chi^2/\text{NDF}: 395356.2/70$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.449+/-1.467 χ^2/NDF :887.8/16

Left: -257.409+/-1.026 χ^2/NDF : 4723.6/34

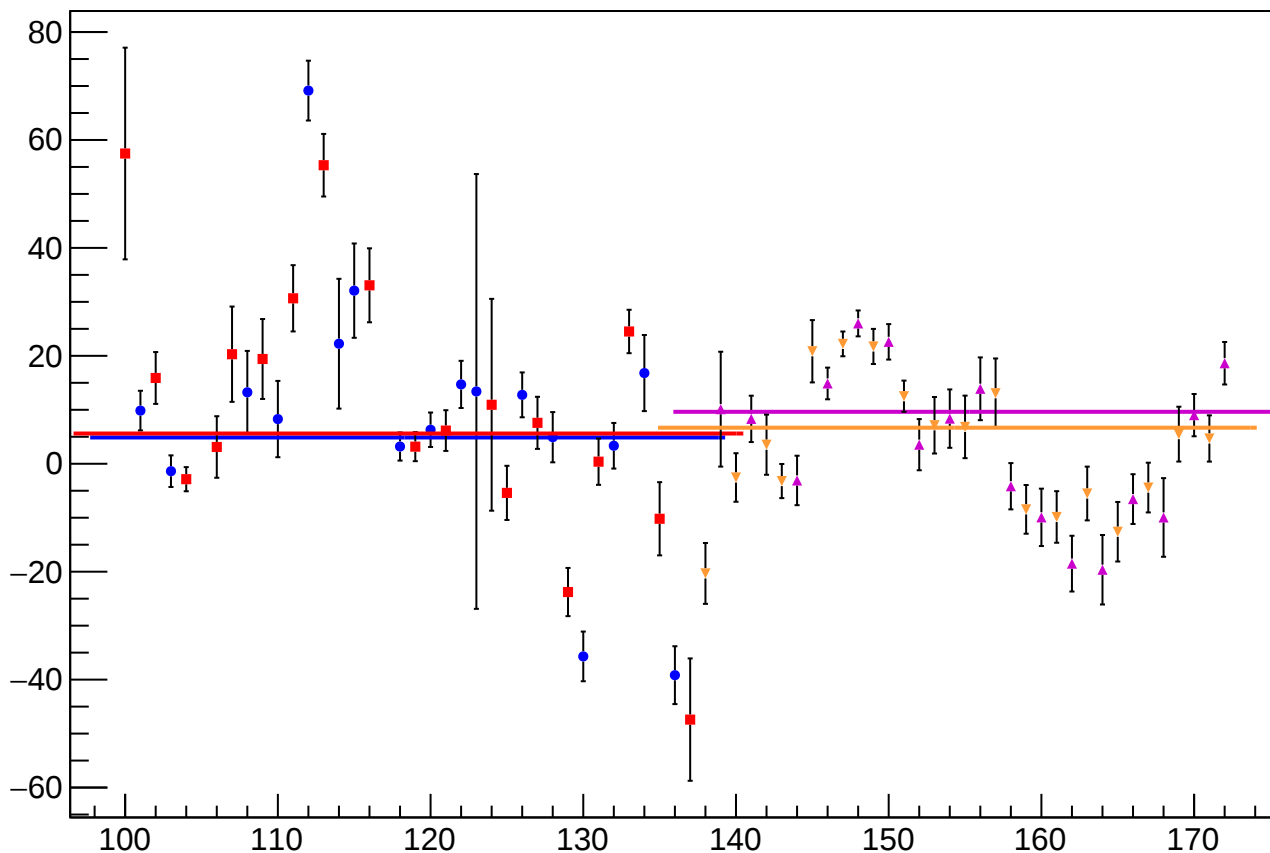
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.449+/-1.467 χ^2/NDF :887.8/16

Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

All: -257.409+/-1.026 χ^2/NDF : 4723.6/34

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870+/-1.091 χ^2/NDF : 311.5/16

Left Out: 6.683+/-0.979 χ^2/NDF :162.9/17

Right Out: 5.605+/-1.069 χ^2/NDF : 238.6/18

Left In: 9.627+/-1.027 χ^2/NDF :174.4/16

Left: 8.085+/-0.709 χ^2/NDF : 341.6/34

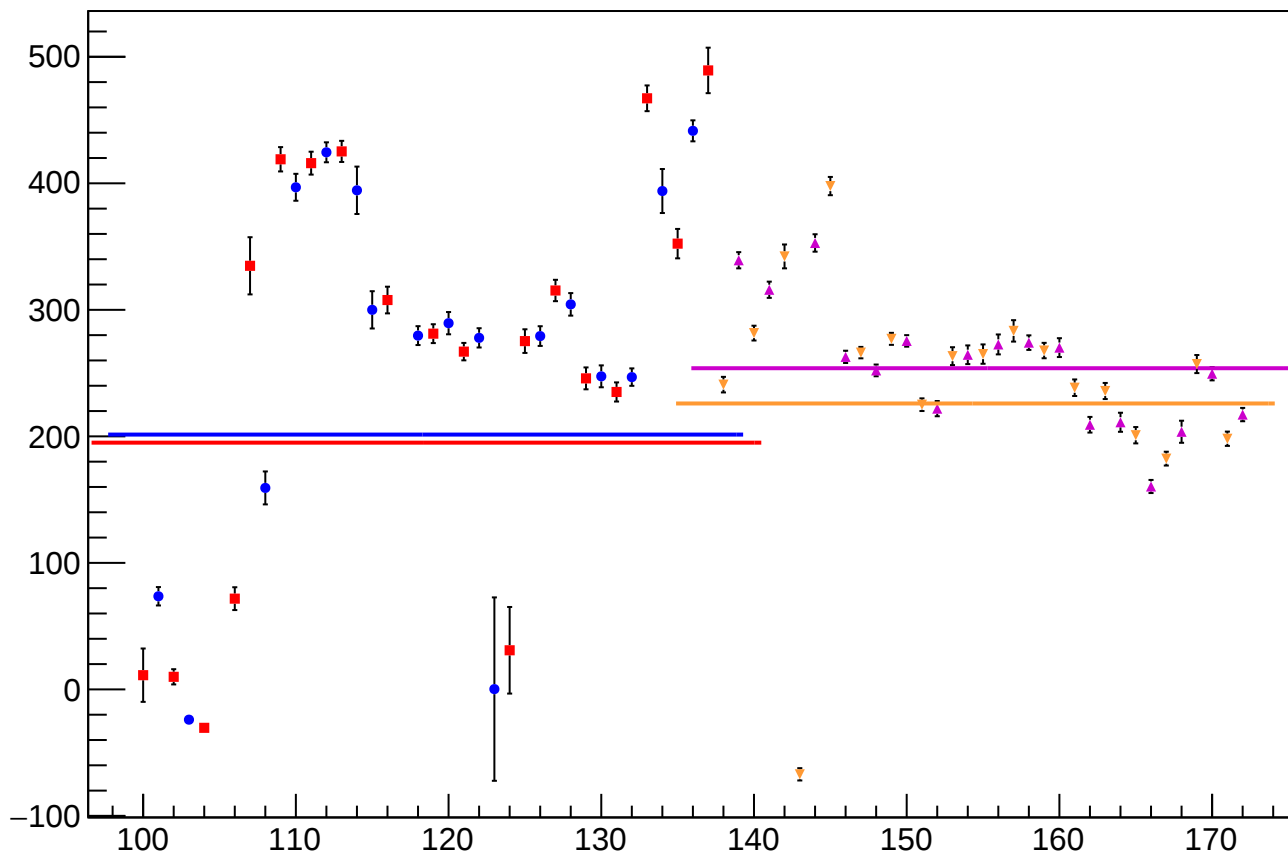
Right: 5.245+/-0.764 χ^2/NDF : 550.3/35

In: 7.391+/-0.748 χ^2/NDF :496.0/33

Out: 6.191+/-0.722 χ^2/NDF :402.1/36

All: 6.770+/-0.519 χ^2/NDF : 899.4/70

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 225.988 $\pm$ 1.420 χ^2 /NDF:4910.4/17

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 253.857 $\pm$ 1.439 χ^2 /NDF:1048.2/16

Left: 239.741 $\pm$ 1.011 χ^2 /NDF: 6148.5/34

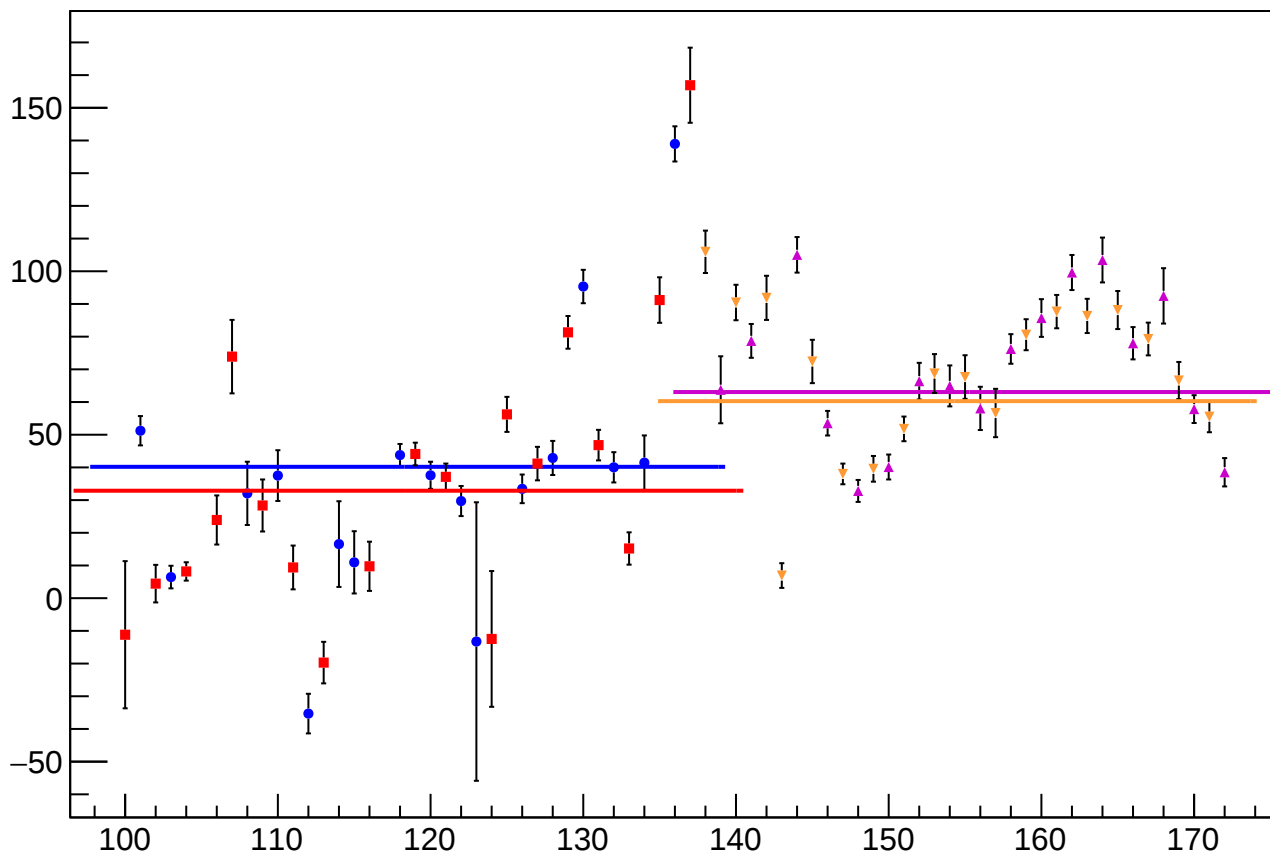
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 235.652 $\pm$ 1.163 χ^2 /NDF:8249.7/33

Out: 215.060 $\pm$ 1.143 χ^2 /NDF:13332.8/36

All: 225.175 $\pm$ 0.815 χ^2 /NDF: 21742.1/70

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2/NDF : 734.0/16

Left Out: 60.273 $\pm$ 1.162 χ^2/NDF :502.3/17

Right Out: 32.873 $\pm$ 1.251 χ^2/NDF : 551.0/18

Left In: 63.056 $\pm$ 1.206 χ^2/NDF :353.1/16

Left: 61.612 $\pm$ 0.837 χ^2/NDF : 858.2/34

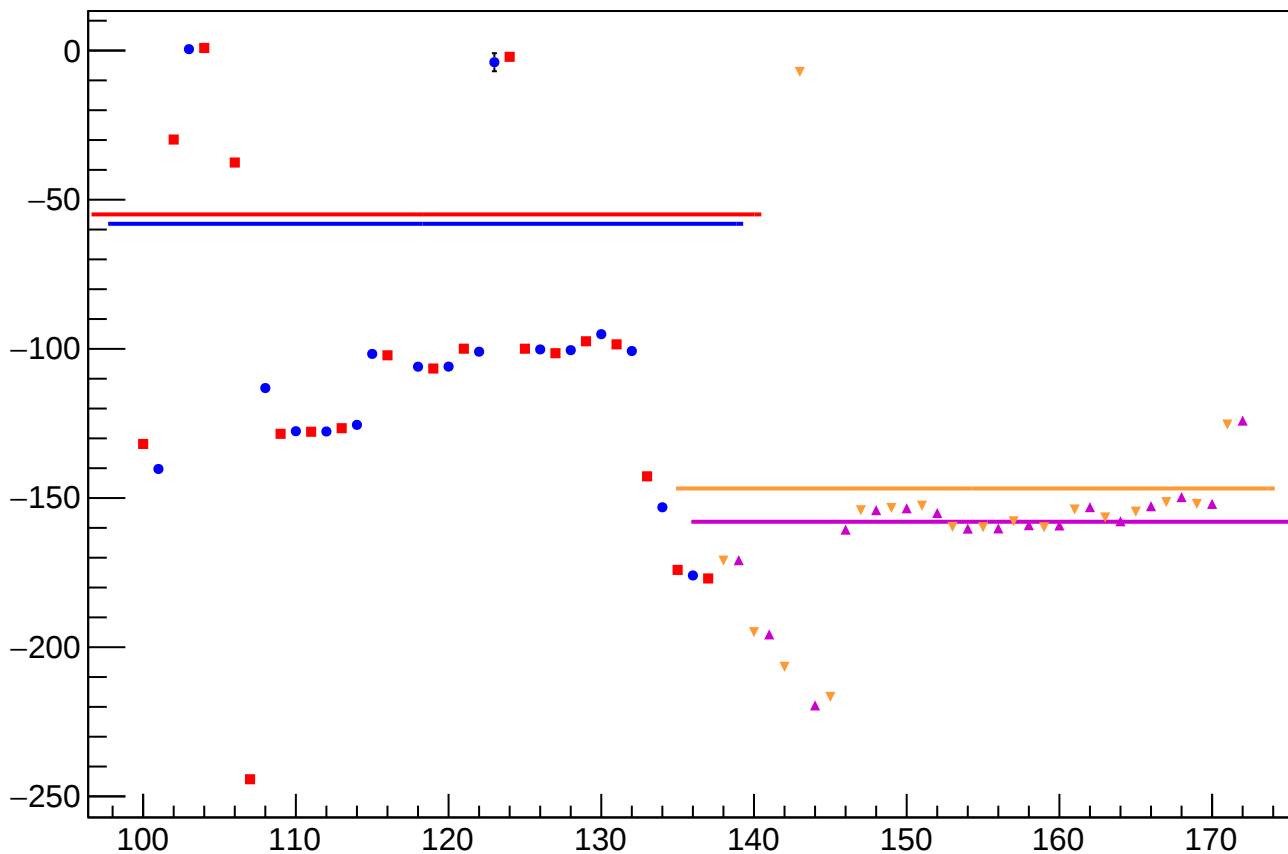
Right: 36.473 $\pm$ 0.891 χ^2/NDF : 1301.8/35

In: 52.205 $\pm$ 0.875 χ^2/NDF :1257.7/33

Out: 47.577 $\pm$ 0.851 χ^2/NDF :1310.9/36

All: 49.829 $\pm$ 0.610 χ^2/NDF : 2582.9/70

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -146.798 ± 0.057 $\chi^2/\text{NDF}: 669506.2/17$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -157.950 ± 0.057 $\chi^2/\text{NDF}: 102573.2/16$

Left: -152.352 ± 0.040 $\chi^2/\text{NDF}: 791473.0/34$

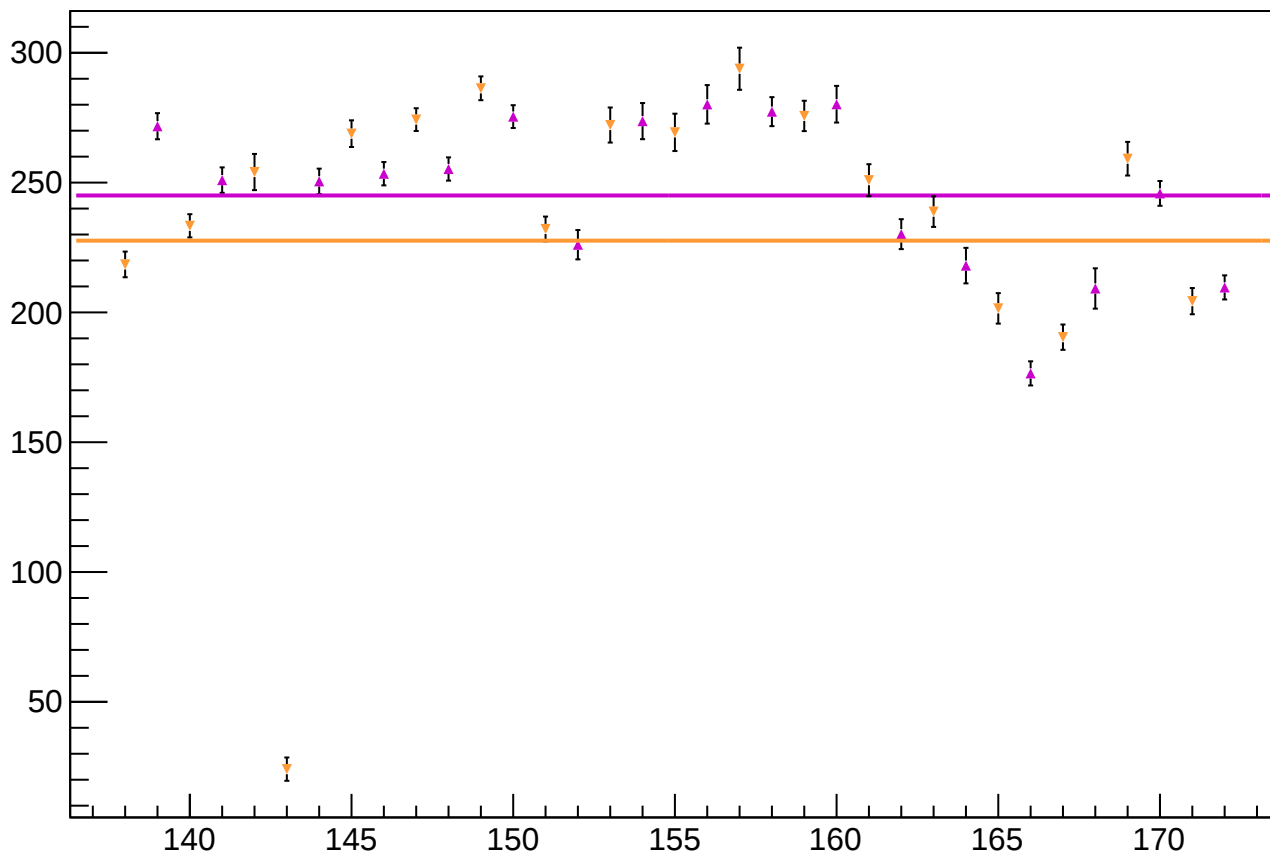
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -112.128 ± 0.042 $\chi^2/\text{NDF}: 2628710.9/33$

Out: -103.764 ± 0.041 $\chi^2/\text{NDF}: 2911309.1/36$

All: -107.892 ± 0.029 $\chi^2/\text{NDF}: 5560359.0/70$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.636+/-1.273 χ^2/NDF : 2768.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 245.037+/-1.290 χ^2/NDF : 514.7/16

Left: 236.217+/-0.906 χ^2/NDF : 3375.2/34

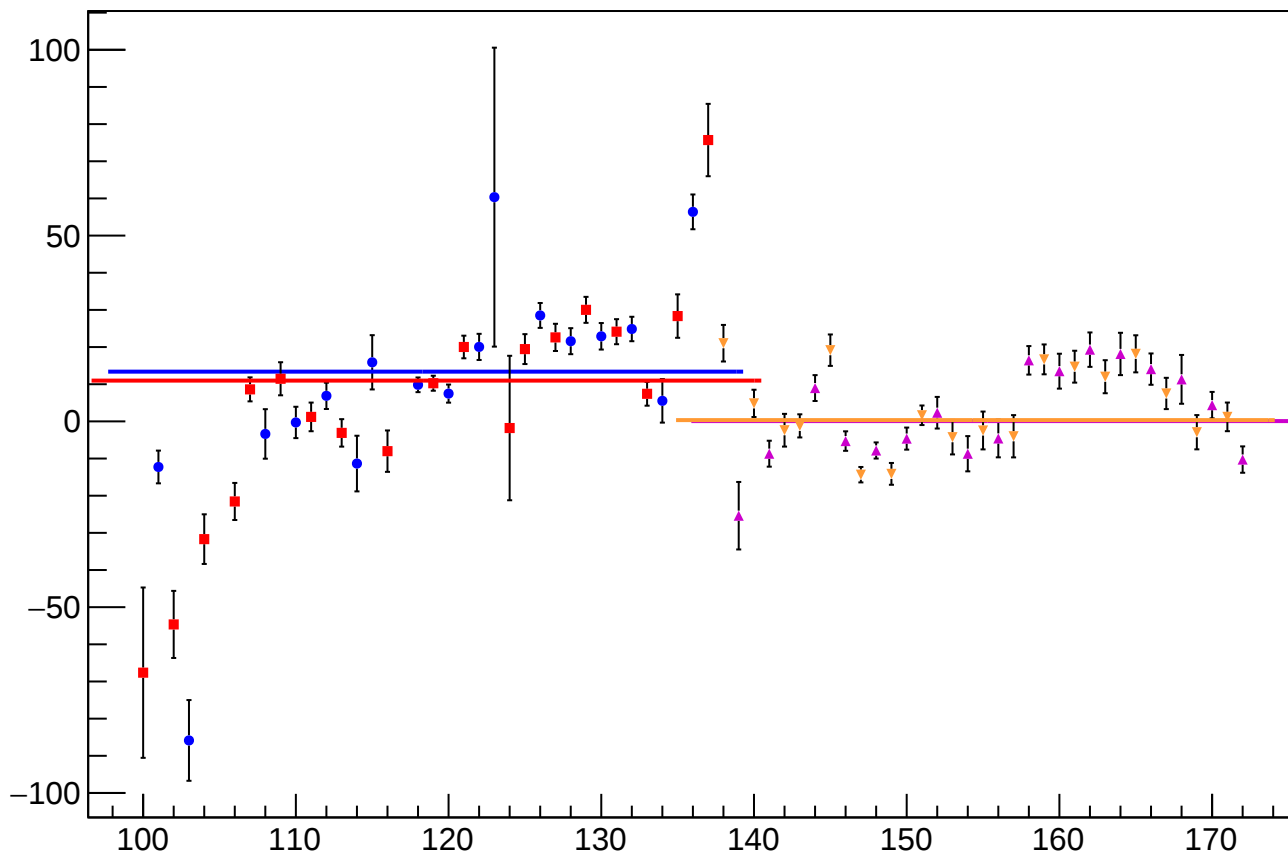
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.037+/-1.290 χ^2/NDF : 514.7/16

Out: 227.636+/-1.273 χ^2/NDF : 2768.3/17

All: 236.217+/-0.906 χ^2/NDF : 3375.2/34

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 0.341 $\pm$ 0.873 χ^2 /NDF:166.9/17

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: 0.078 $\pm$ 0.907 χ^2 /NDF:122.8/16

Left: 0.215 $\pm$ 0.629 χ^2 /NDF: 289.8/34

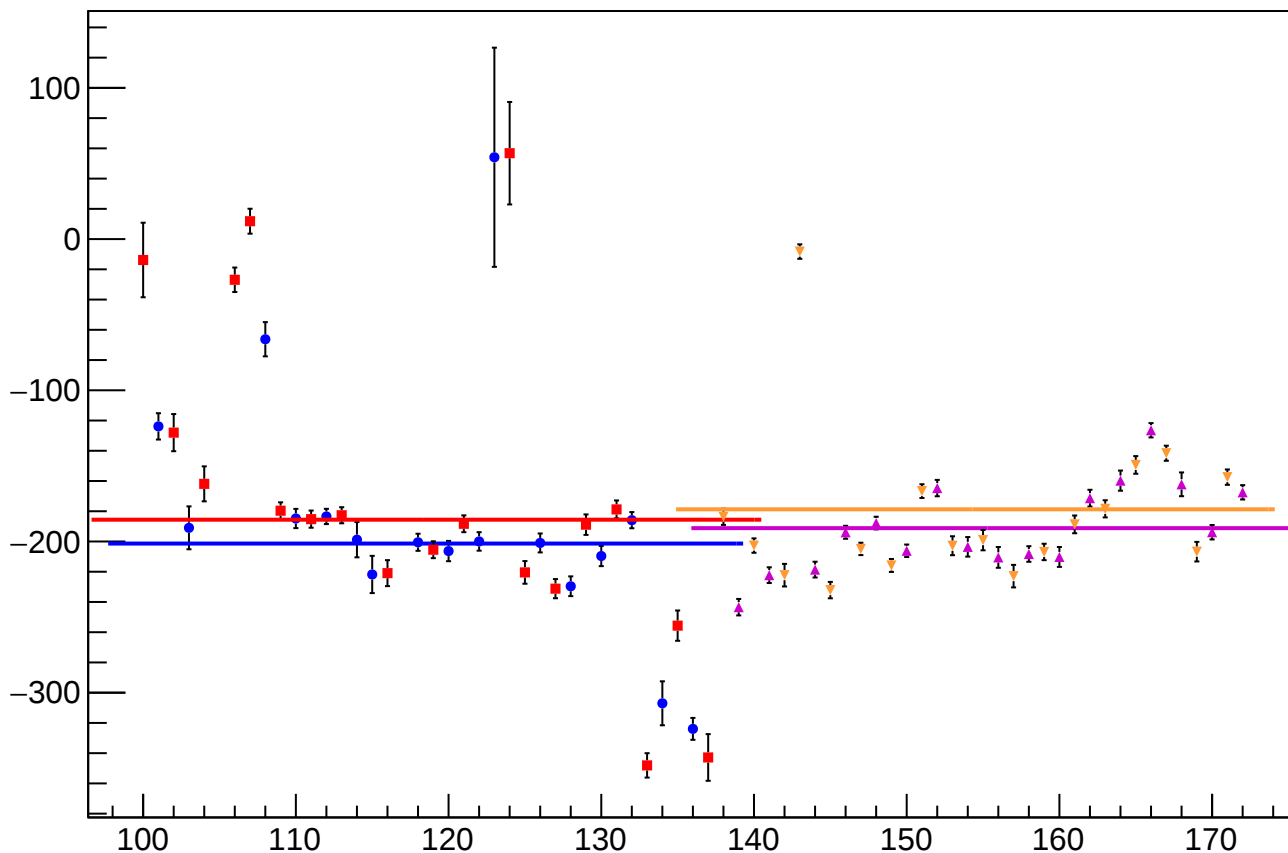
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 6.631 $\pm$ 0.646 χ^2 /NDF:522.8/33

Out: 5.411 $\pm$ 0.632 χ^2 /NDF:541.7/36

All: 6.007 $\pm$ 0.452 χ^2 /NDF: 1066.3/70

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -178.721 ± 1.261 χ^2/NDF : 1752.2/17

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -191.173 ± 1.269 χ^2/NDF : 485.0/16

Left: -184.908 ± 0.895 χ^2/NDF : 2285.6/34

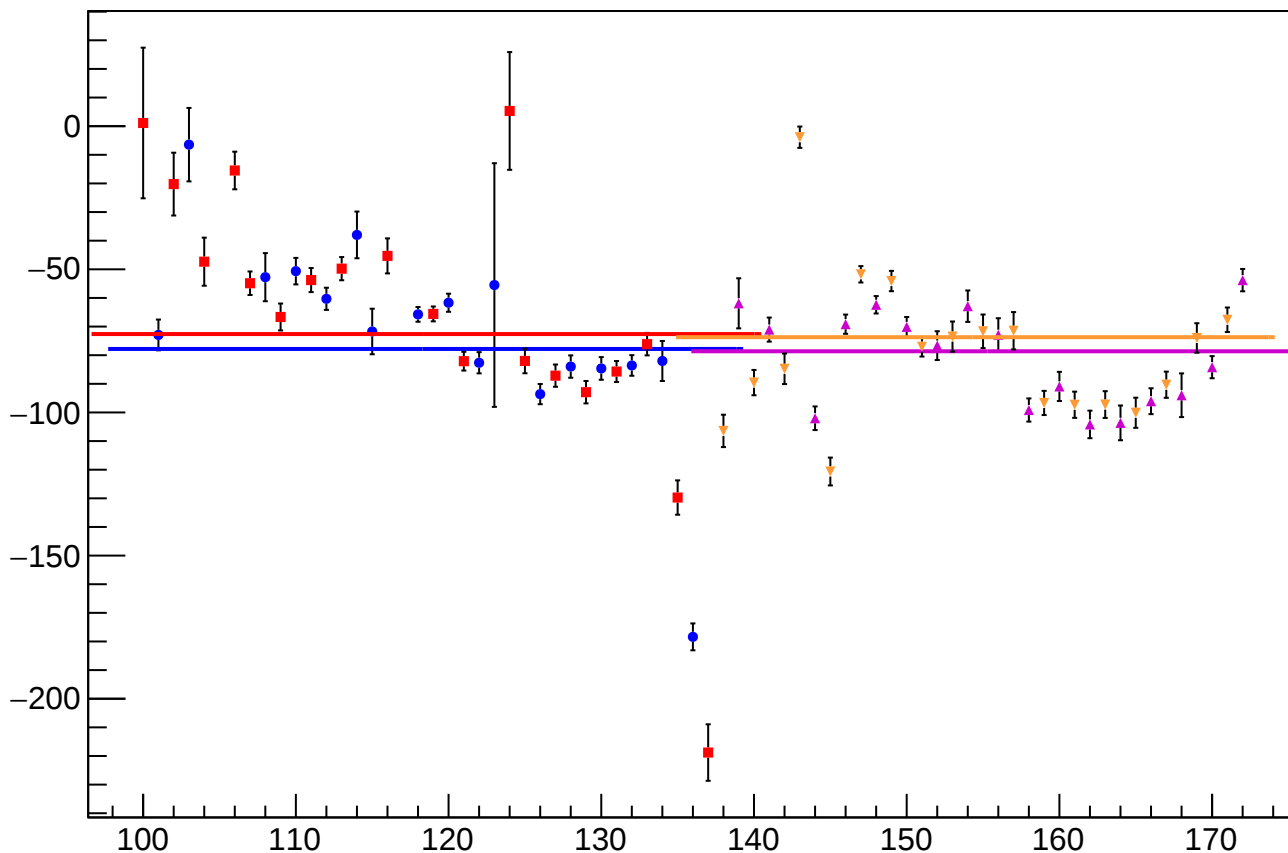
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -194.599 ± 1.034 χ^2/NDF : 1131.6/33

Out: -181.160 ± 1.013 χ^2/NDF : 3511.0/36

All: -187.740 ± 0.724 χ^2/NDF : 4728.8/70

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -73.709 $\pm$ 1.035 χ^2/NDF : 708.9/17

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -78.631 $\pm$ 1.065 χ^2/NDF : 229.4/16

Left: -76.100 $\pm$ 0.742 χ^2/NDF : 949.3/34

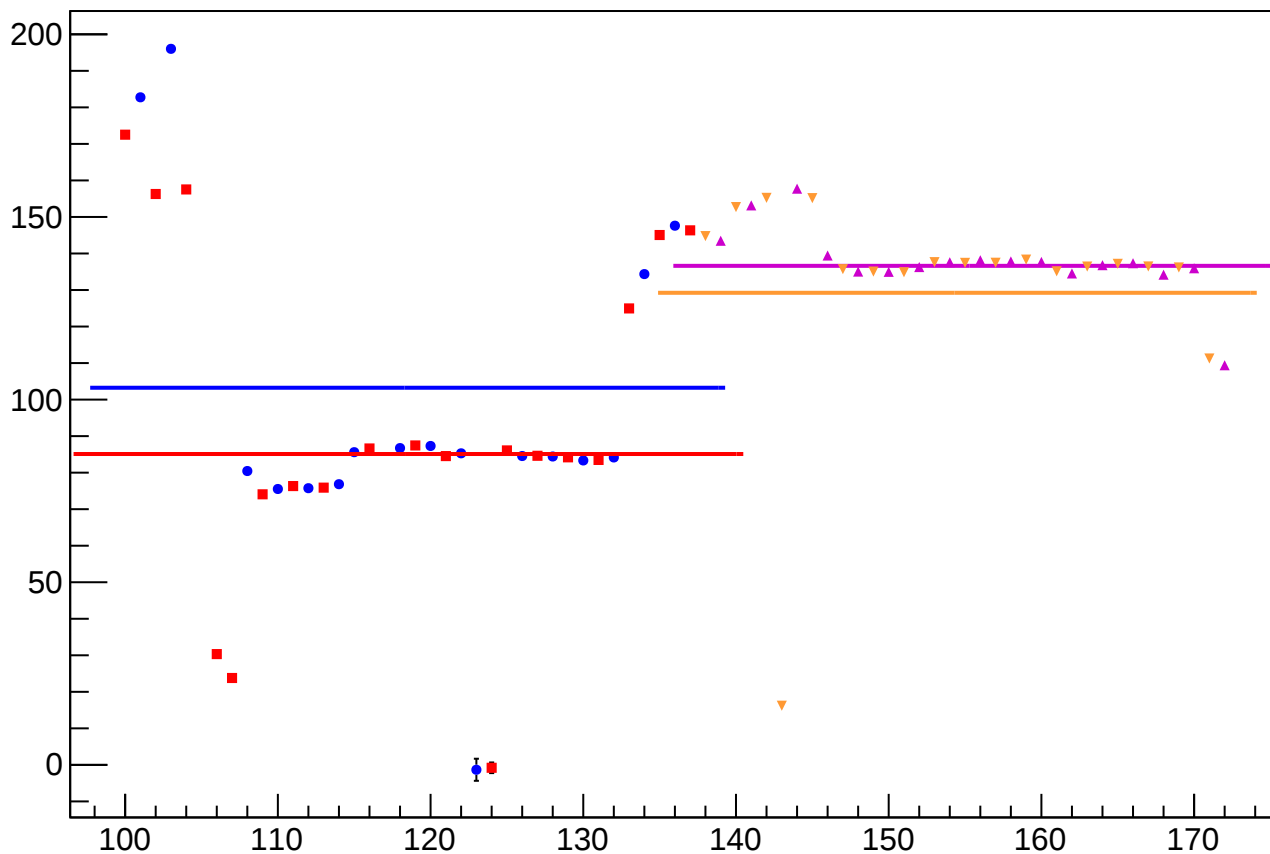
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -78.226 $\pm$ 0.754 χ^2/NDF : 886.0/33

Out: -73.171 $\pm$ 0.738 χ^2/NDF : 1316.3/36

All: -75.644 $\pm$ 0.528 χ^2/NDF : 2225.3/70

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 129.241 $\pm$ 0.050 χ^2 /NDF: 409660.4/17

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 136.619 $\pm$ 0.050 χ^2 /NDF: 42680.6/16

Left: 132.937 $\pm$ 0.035 χ^2 /NDF: 463183.8/34

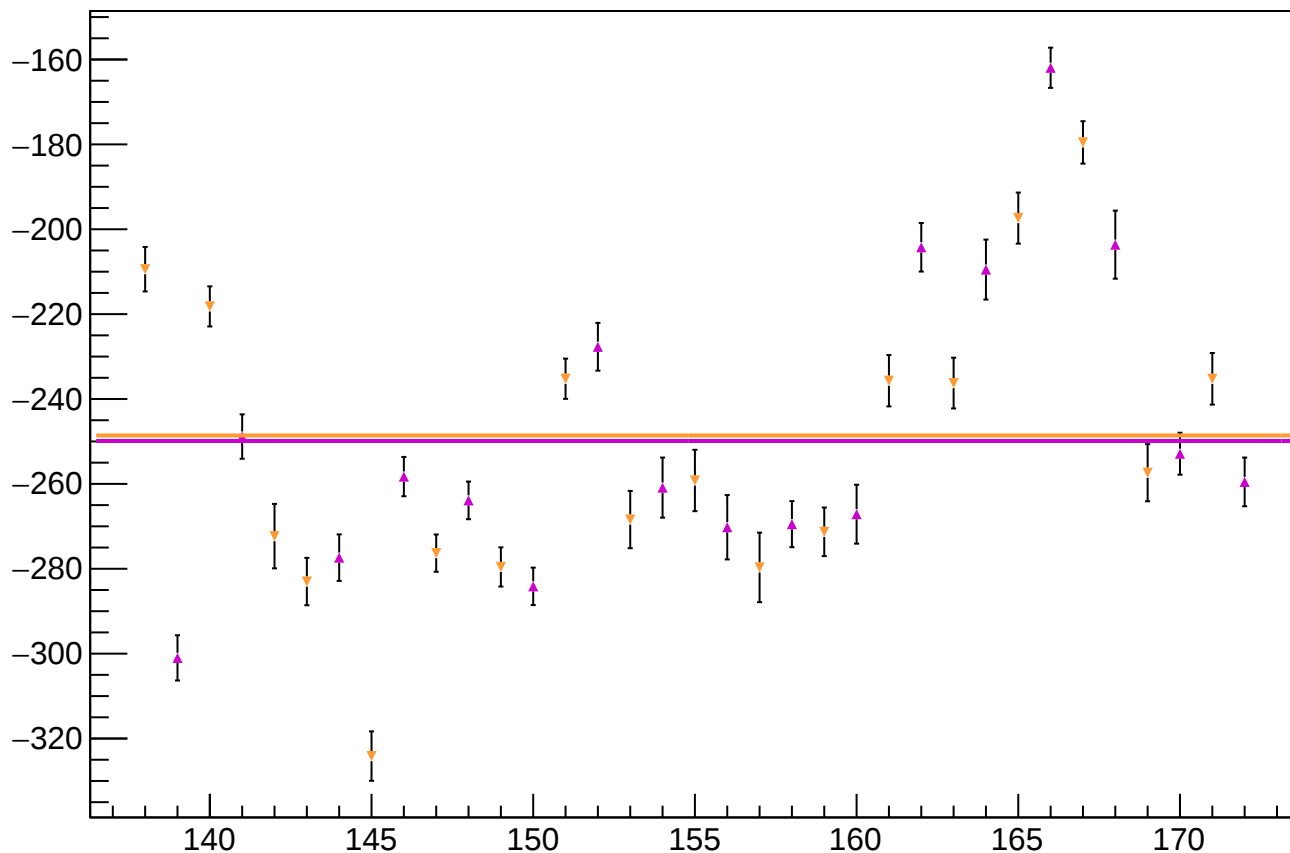
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.424 $\pm$ 0.041 χ^2 /NDF: 465150.4/33

Out: 112.355 $\pm$ 0.039 χ^2 /NDF: 1129500.6/36

All: 118.661 $\pm$ 0.028 χ^2 /NDF: 1647729.1/70

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Left: -249.237+/-0.944 χ^2/NDF : 1439.4/34

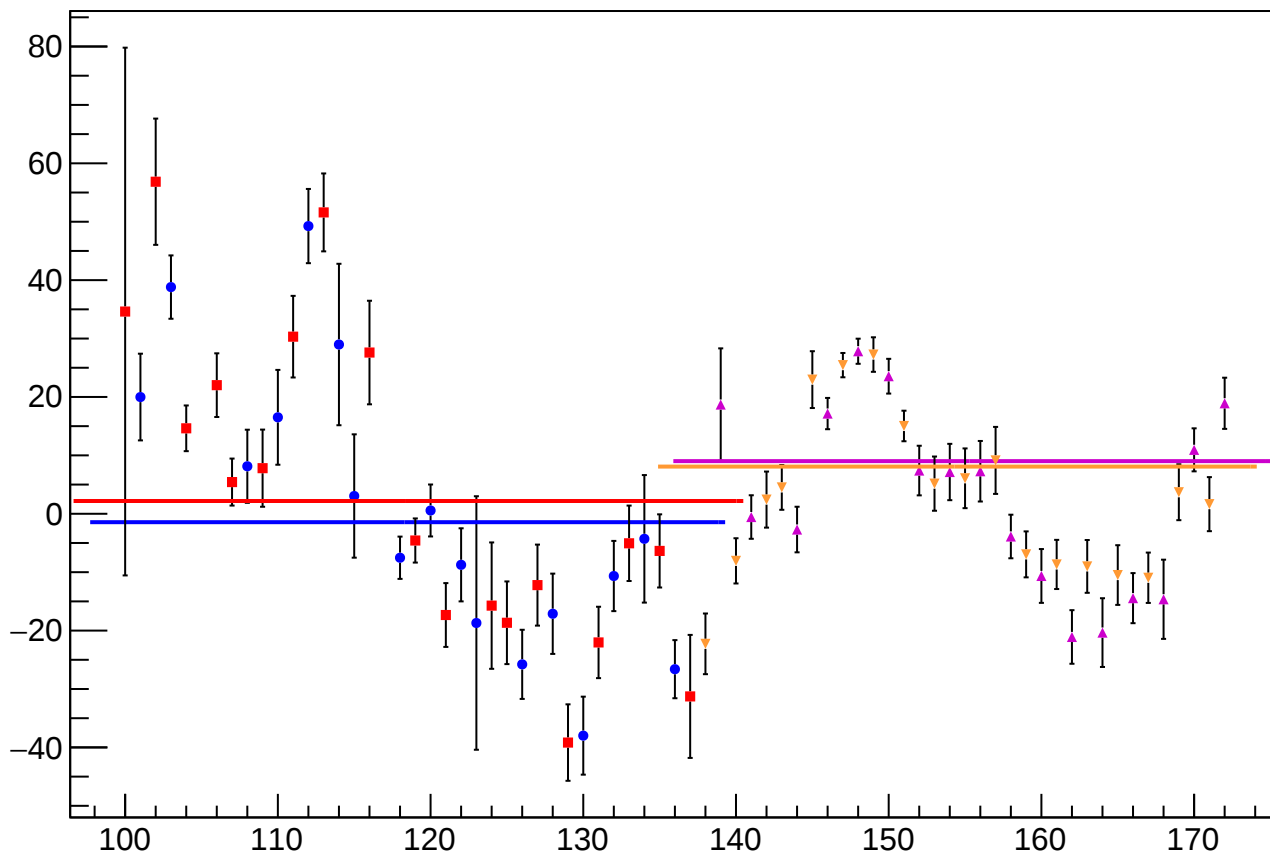
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

All: -249.237+/-0.944 χ^2/NDF : 1439.4/34

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.080 ± 0.907 $\chi^2/\text{NDF}: 262.7/17$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 9.013 ± 0.932 $\chi^2/\text{NDF}: 272.4/16$

Left: 8.533 ± 0.650 $\chi^2/\text{NDF}: 535.6/34$

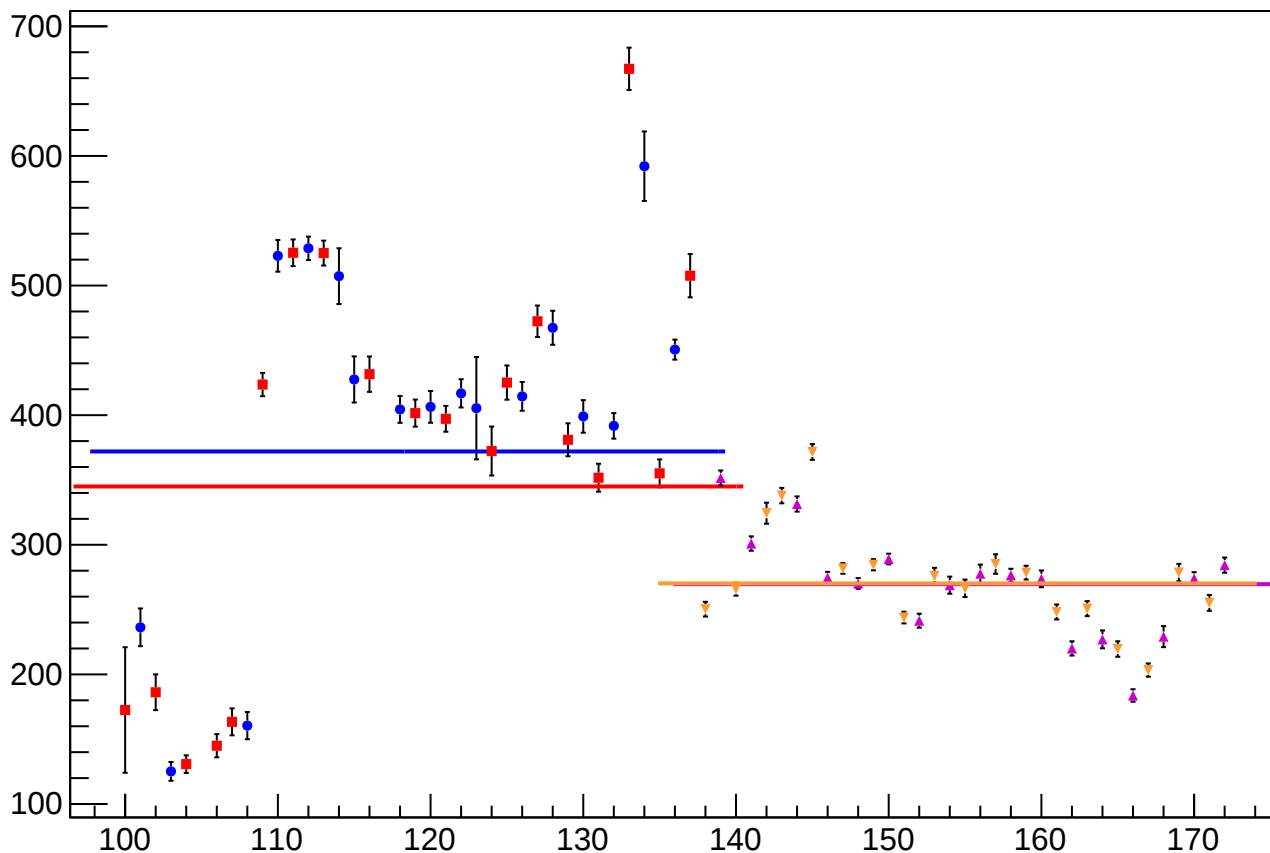
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 6.144 ± 0.794 $\chi^2/\text{NDF}: 531.3/33$

Out: 6.340 ± 0.761 $\chi^2/\text{NDF}: 505.9/36$

All: 6.246 ± 0.549 $\chi^2/\text{NDF}: 1037.2/70$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.223 $\pm$ 1.315 χ^2 /NDF:799.0/17

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 269.633 $\pm$ 1.310 χ^2 /NDF:867.5/16

Left: 269.927 $\pm$ 0.928 χ^2 /NDF: 1666.6/34

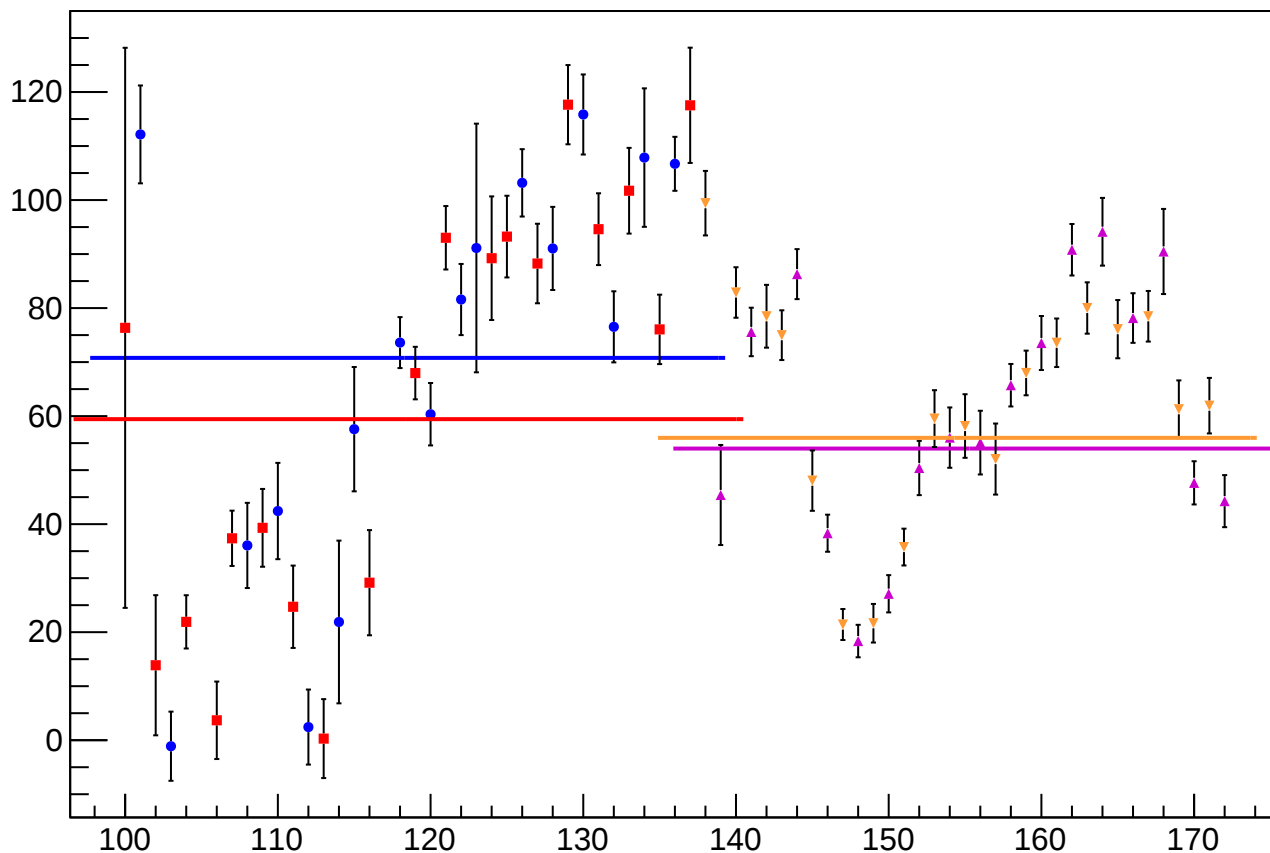
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 288.393 $\pm$ 1.184 χ^2 /NDF:4418.3/33

Out: 285.822 $\pm$ 1.170 χ^2 /NDF:4888.0/36

All: 287.092 $\pm$ 0.832 χ^2 /NDF: 9308.7/70

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 55.976 $\pm$ 1.077 χ^2 /NDF: 482.2/17

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 53.993 $\pm$ 1.097 χ^2 /NDF: 475.9/16

Left: 55.003 $\pm$ 0.769 χ^2 /NDF: 959.7/34

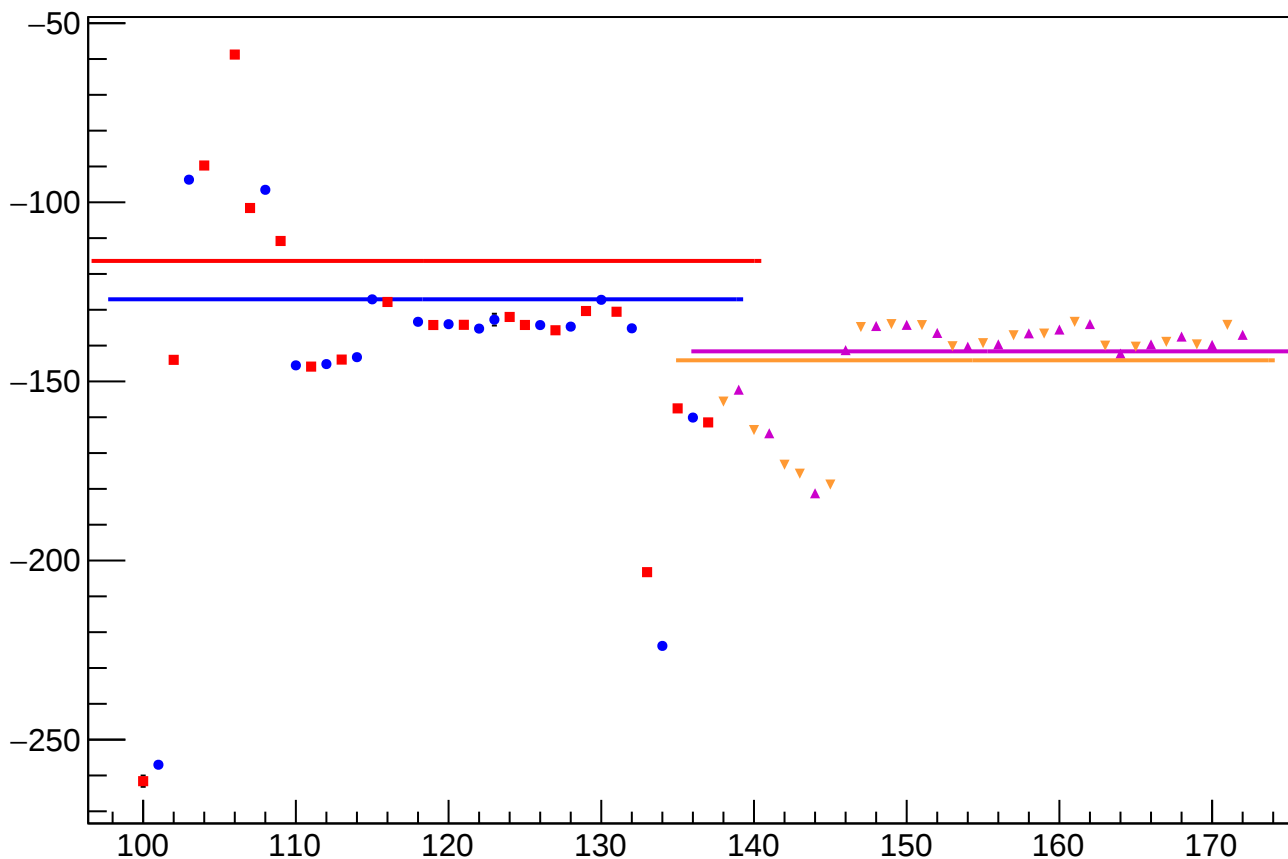
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 58.741 $\pm$ 0.929 χ^2 /NDF: 966.0/33

Out: 57.028 $\pm$ 0.899 χ^2 /NDF: 972.1/36

All: 57.856 $\pm$ 0.646 χ^2 /NDF: 1939.8/70

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.107+/-0.052 χ^2/NDF : 73212.8/17

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -141.608+/-0.052 χ^2/NDF : 44515.5/16

Left: -142.842+/-0.037 χ^2/NDF : 118879.9/34

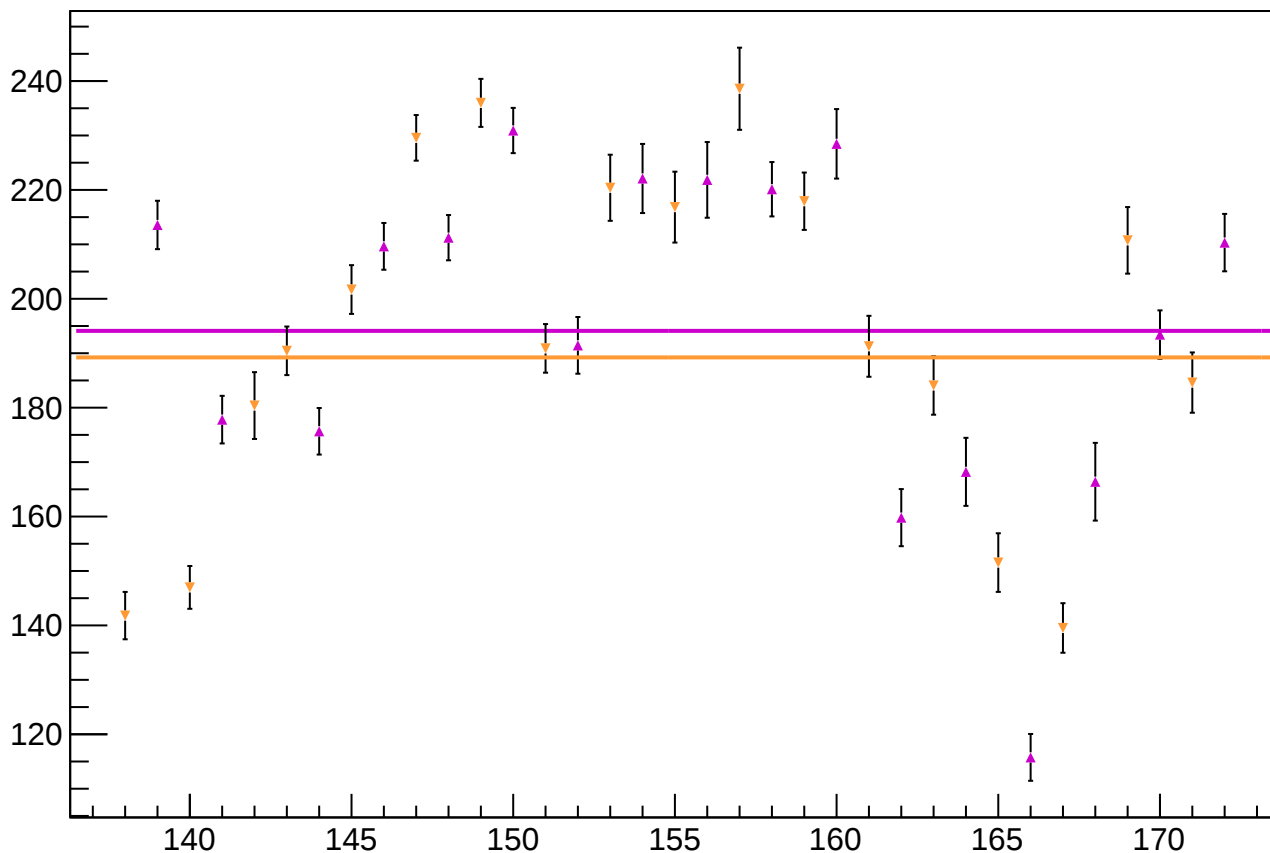
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.967+/-0.045 χ^2/NDF : 231289.3/33

Out: -136.185+/-0.044 χ^2/NDF : 320777.0/36

All: -137.066+/-0.032 χ^2/NDF : 552865.7/70

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 189.231 $\pm$ 1.182 χ^2/NDF :748.5/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 194.108 $\pm$ 1.198 χ^2/NDF :668.0/16

Left: 191.636 $\pm$ 0.841 χ^2/NDF : 1424.9/34

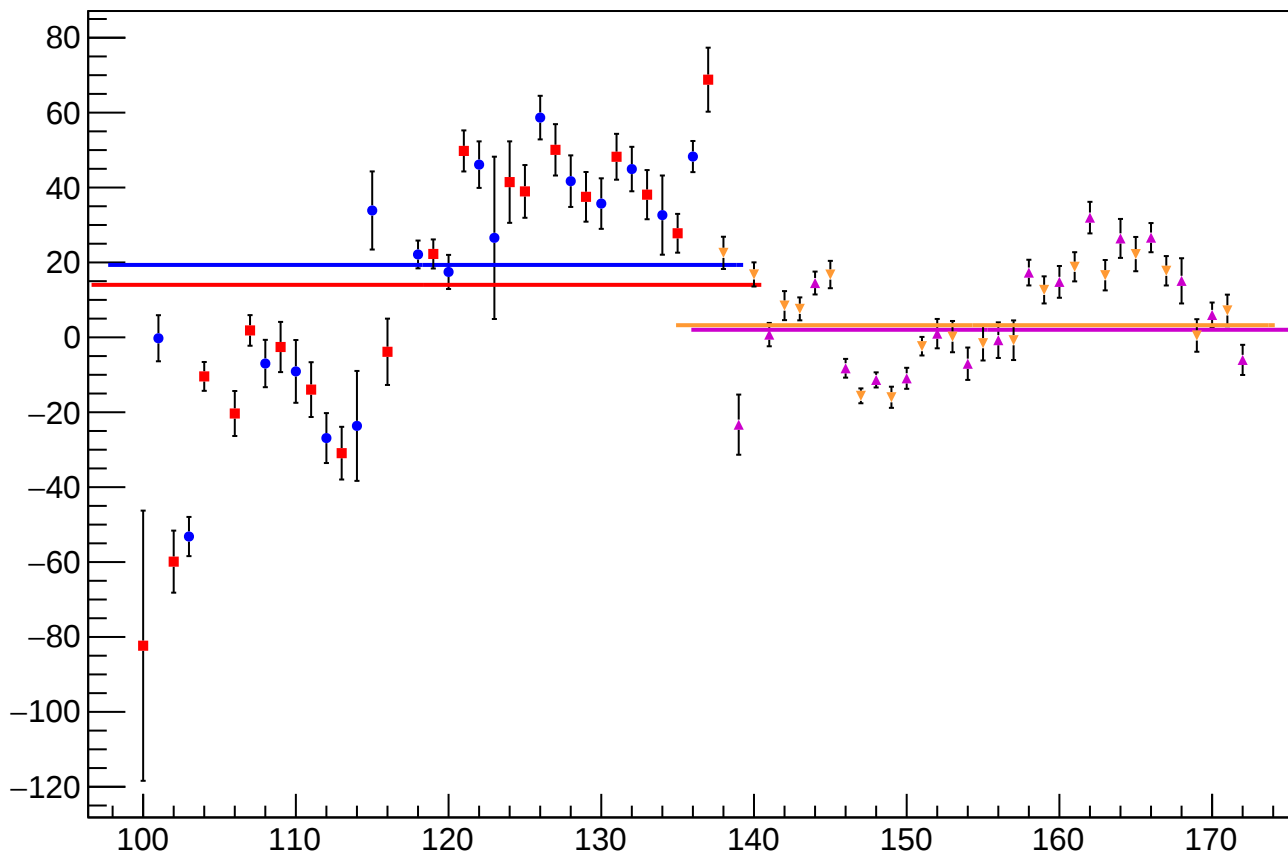
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 194.108 $\pm$ 1.198 χ^2/NDF :668.0/16

Out: 189.231 $\pm$ 1.182 χ^2/NDF :748.5/17

All: 191.636 $\pm$ 0.841 χ^2/NDF : 1424.9/34

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 3.244 ± 0.815 $\chi^2/\text{NDF}: 265.2/17$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 2.021 ± 0.845 $\chi^2/\text{NDF}: 265.3/16$

Left: 2.654 ± 0.587 $\chi^2/\text{NDF}: 531.5/34$

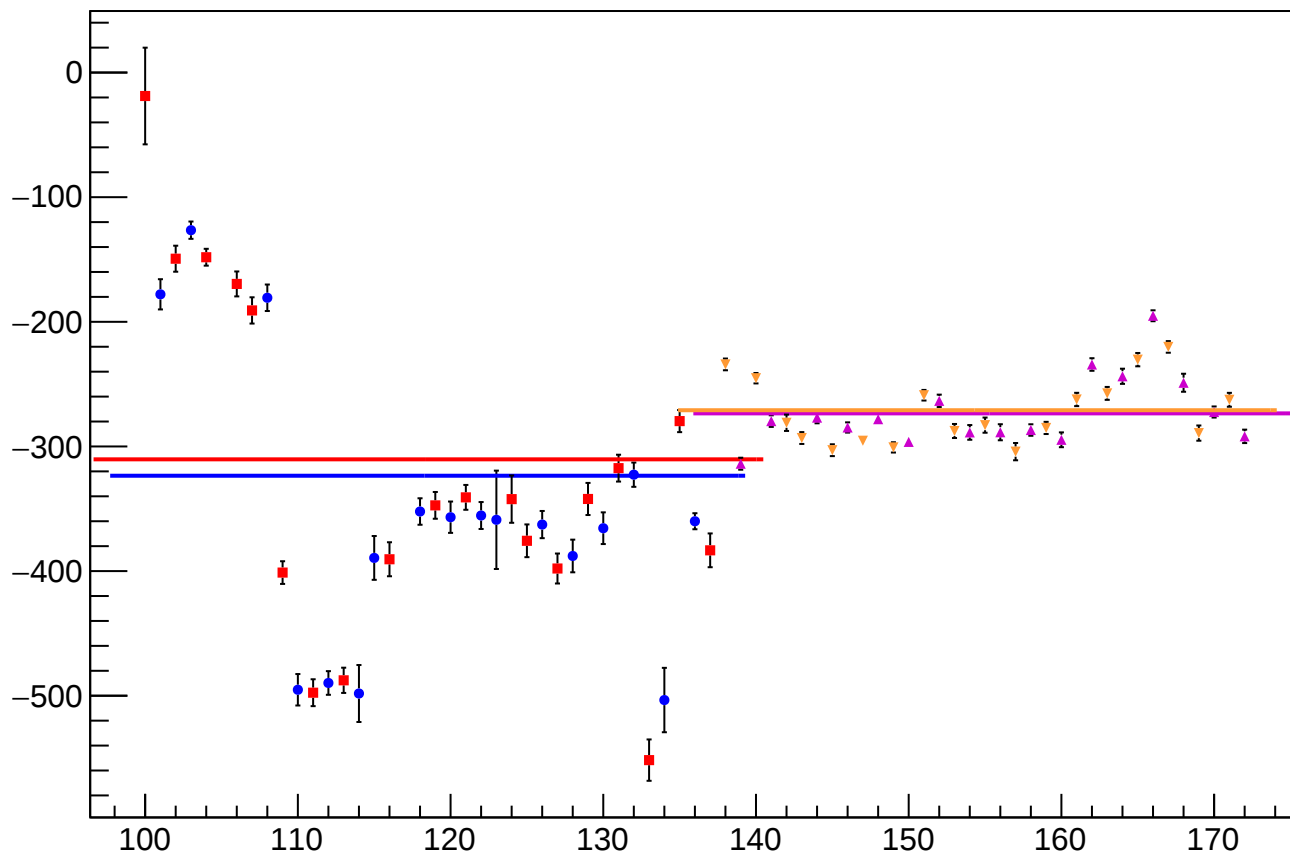
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 6.268 ± 0.734 $\chi^2/\text{NDF}: 808.1/33$

Out: 6.000 ± 0.703 $\chi^2/\text{NDF}: 743.1/36$

All: 6.128 ± 0.508 $\chi^2/\text{NDF}: 1551.3/70$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -270.938 ± 1.173 $\chi^2/\text{NDF}: 508.8/17$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -273.461 ± 1.179 $\chi^2/\text{NDF}: 581.1/16$

Left: -272.193 ± 0.832 $\chi^2/\text{NDF}: 1092.2/34$

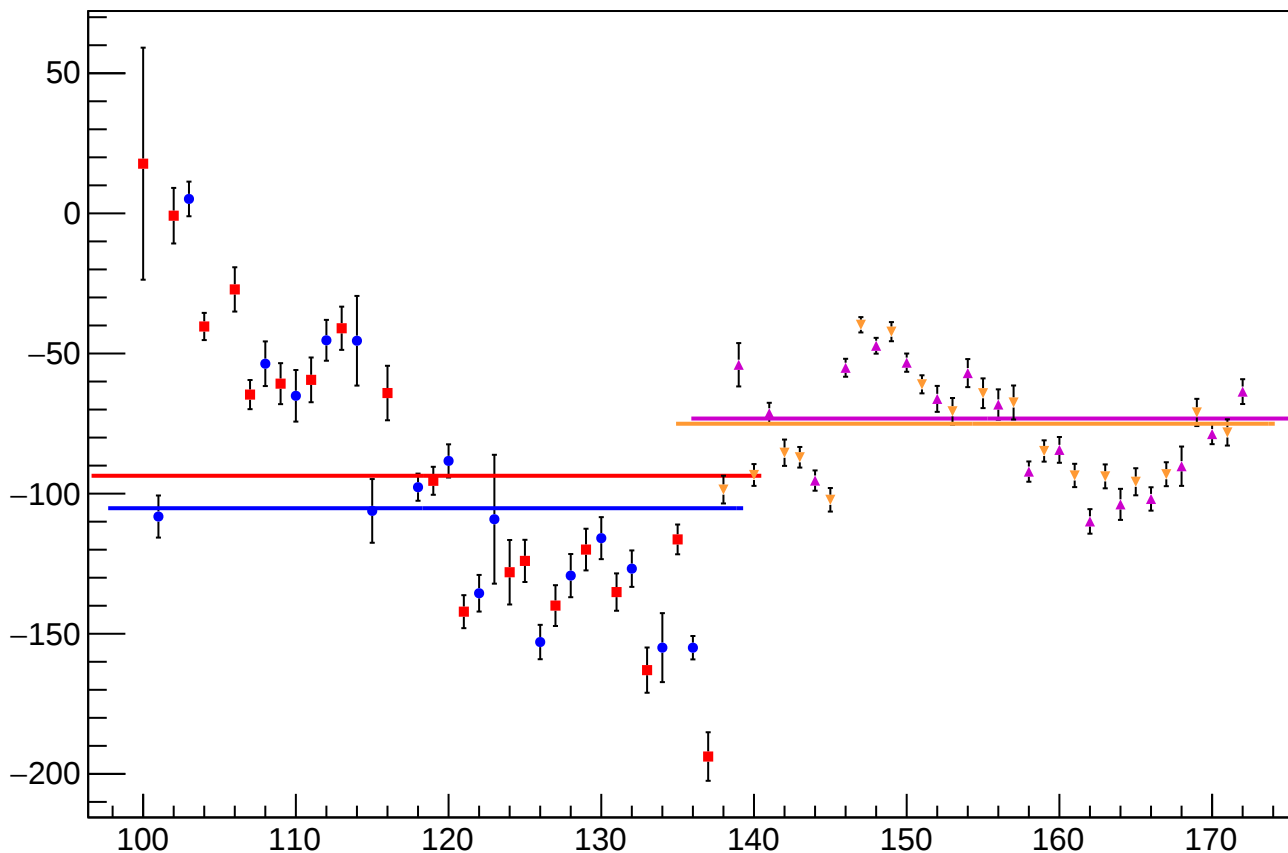
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -281.613 ± 1.079 $\chi^2/\text{NDF}: 2722.0/33$

Out: -277.947 ± 1.064 $\chi^2/\text{NDF}: 3010.1/36$

All: -279.754 ± 0.757 $\chi^2/\text{NDF}: 5737.9/70$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -75.059 ± 0.965 χ^2/NDF : 469.3/17

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.204 ± 0.992 χ^2/NDF : 406.0/16

Left: -74.157 ± 0.692 χ^2/NDF : 877.1/34

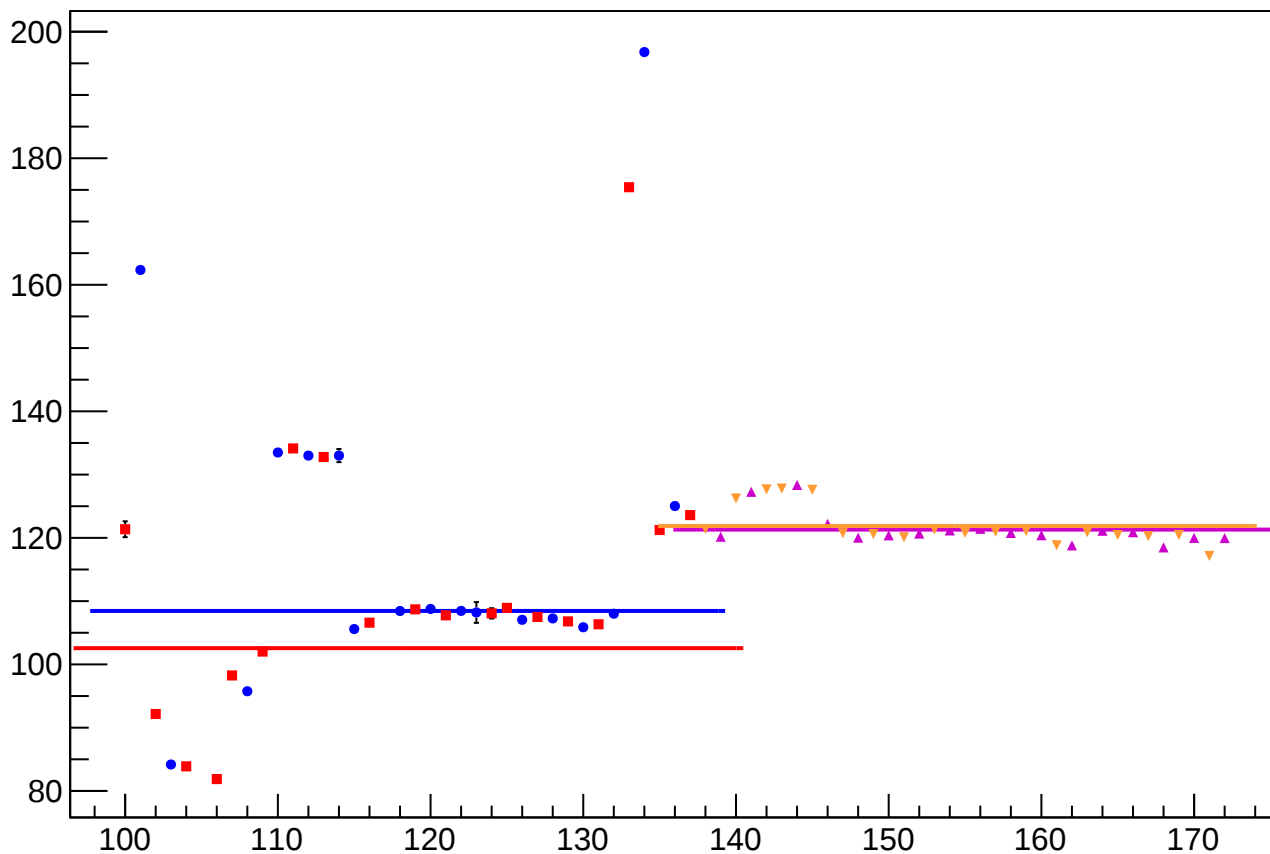
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -81.355 ± 0.856 χ^2/NDF : 1406.7/33

Out: -79.969 ± 0.828 χ^2/NDF : 1389.8/36

All: -80.638 ± 0.595 χ^2/NDF : 2797.9/70

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.867 $\pm$ 0.047 χ^2 /NDF:4180.1/17

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.306 $\pm$ 0.047 χ^2 /NDF:2830.5/16

Left: 121.586 $\pm$ 0.033 χ^2 /NDF: 7082.8/34

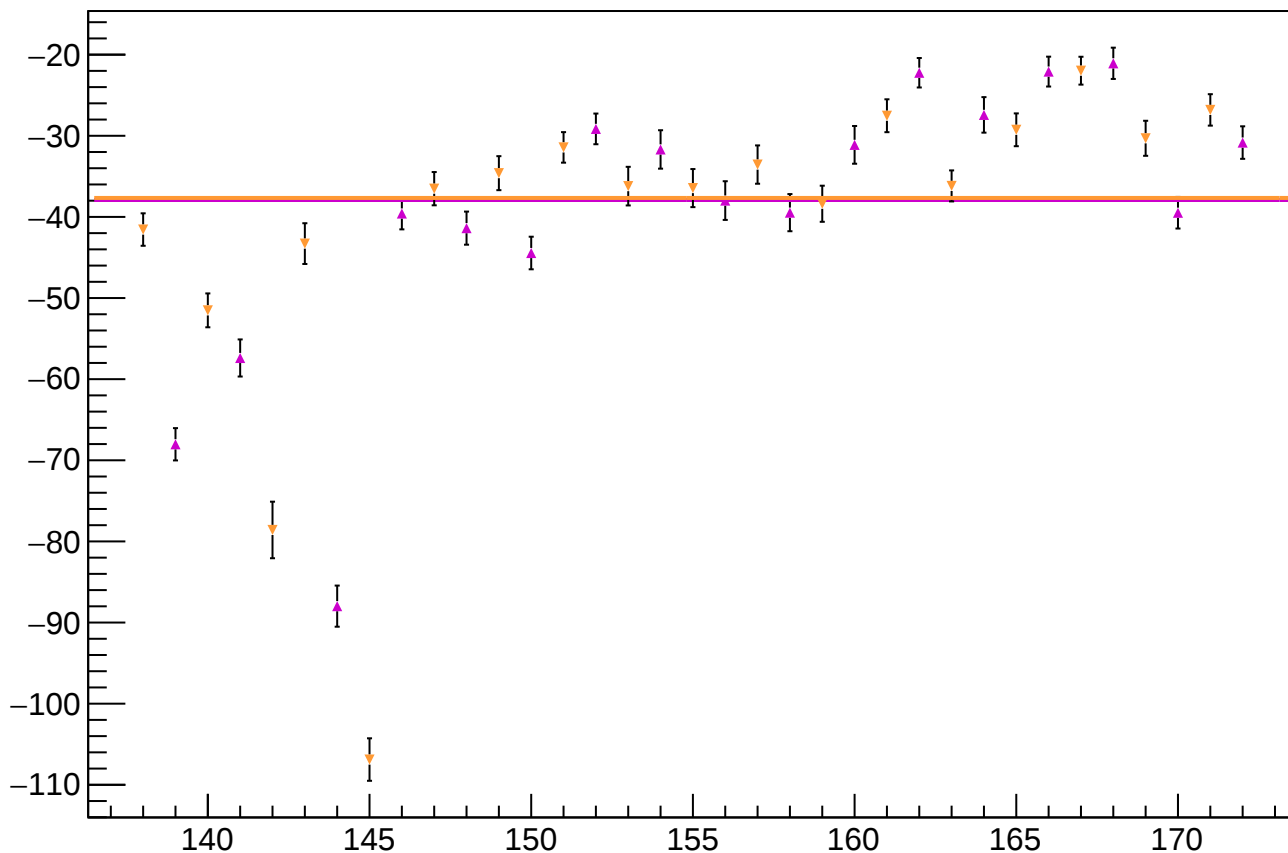
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.326 $\pm$ 0.041 χ^2 /NDF:93761.2/33

Out: 116.911 $\pm$ 0.040 χ^2 /NDF:101186.9/36

All: 117.608 $\pm$ 0.029 χ^2 /NDF: 195557.3/70

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Left: -37.788+/-0.356 χ^2/NDF : 2079.6/34

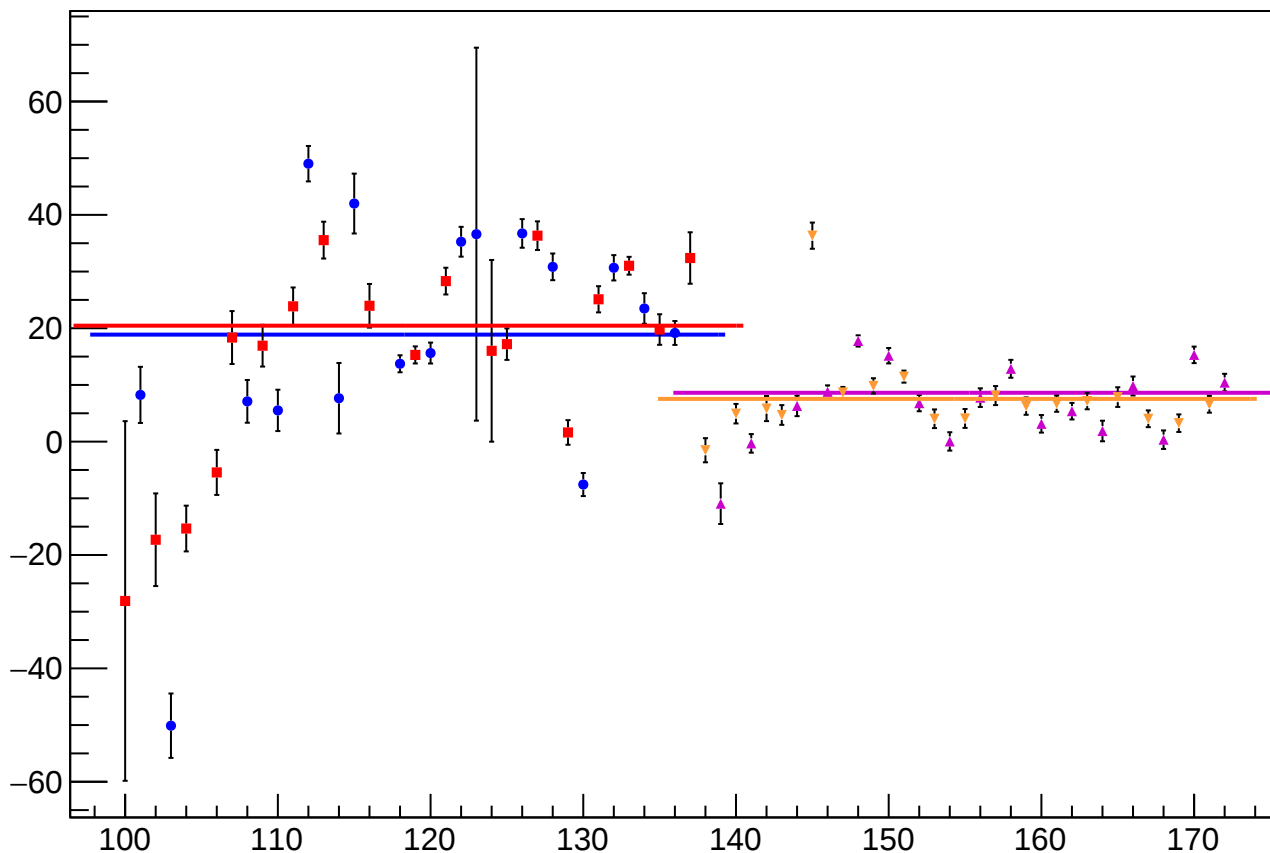
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

All: -37.788+/-0.356 χ^2/NDF : 2079.6/34

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 7.535 ± 0.356 χ^2/NDF : 220.6/17

Right Out: 20.454 ± 0.643 χ^2/NDF : 364.8/18

Left In: 8.617 ± 0.364 χ^2/NDF : 286.0/16

Left: 8.063 ± 0.255 χ^2/NDF : 511.1/34

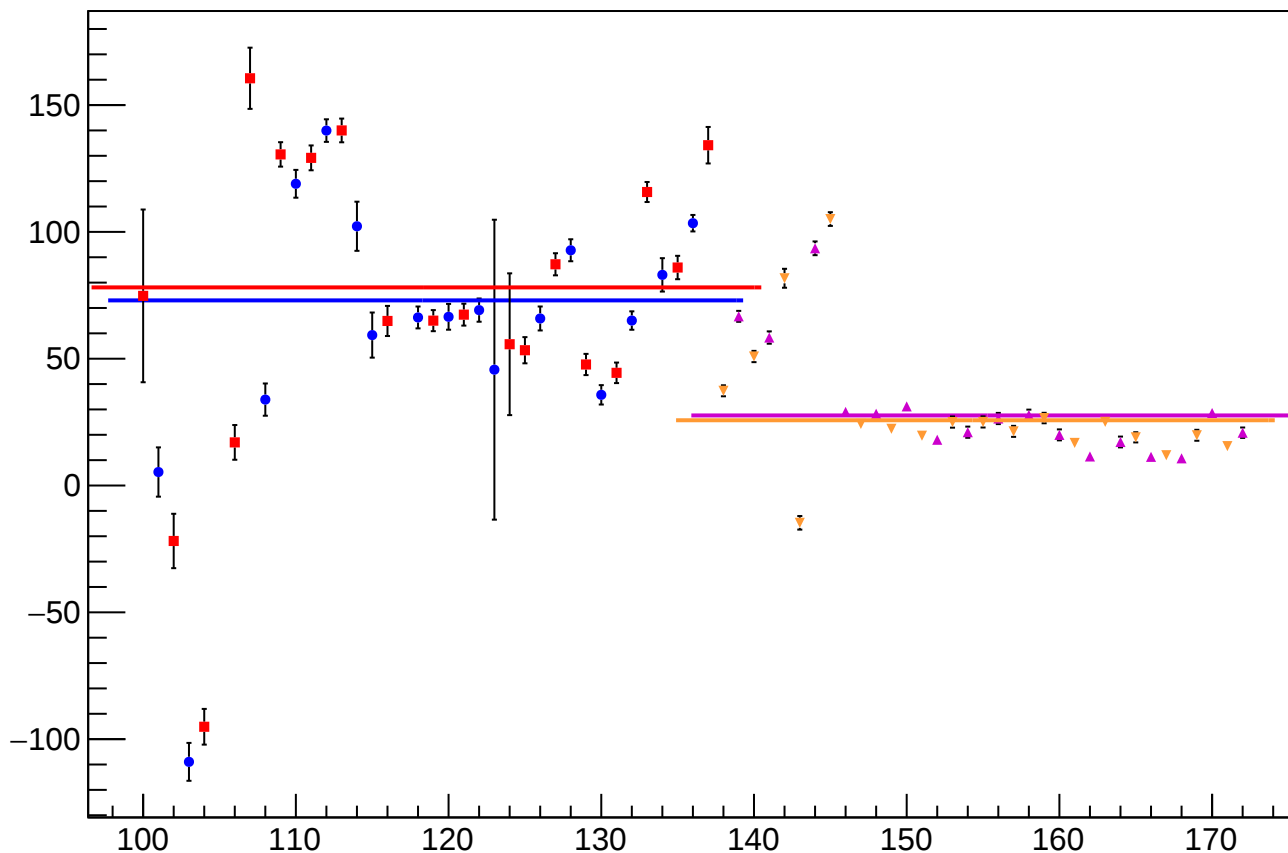
Right: 19.666 ± 0.455 χ^2/NDF : 988.3/35

In: 11.103 ± 0.317 χ^2/NDF : 1098.5/33

Out: 10.561 ± 0.311 χ^2/NDF : 894.1/36

All: 10.827 ± 0.222 χ^2/NDF : 1994.1/70

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 25.732 $\pm$ 0.496 χ^2 /NDF:1618.7/17

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 27.631 $\pm$ 0.493 χ^2 /NDF:1405.2/16

Left: 26.686 $\pm$ 0.350 χ^2 /NDF: 3031.2/34

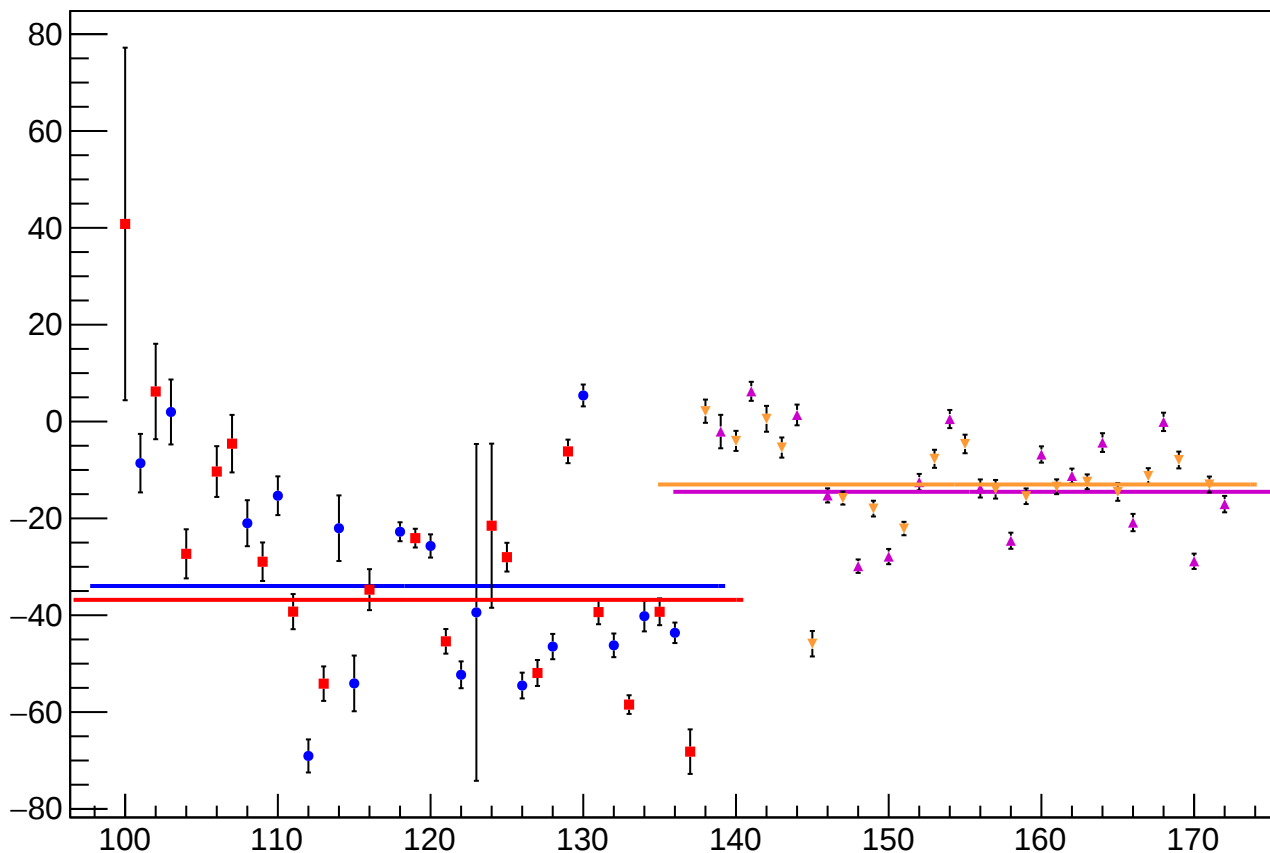
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 33.913 $\pm$ 0.458 χ^2 /NDF:3782.4/33

Out: 33.118 $\pm$ 0.459 χ^2 /NDF:4741.1/36

All: 33.517 $\pm$ 0.324 χ^2 /NDF: 8525.0/70

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: -13.000 ± 0.414 χ^2/NDF : 351.2/17

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.517 ± 0.422 χ^2/NDF : 685.3/16

Left: -13.745 ± 0.295 χ^2/NDF : 1043.2/34

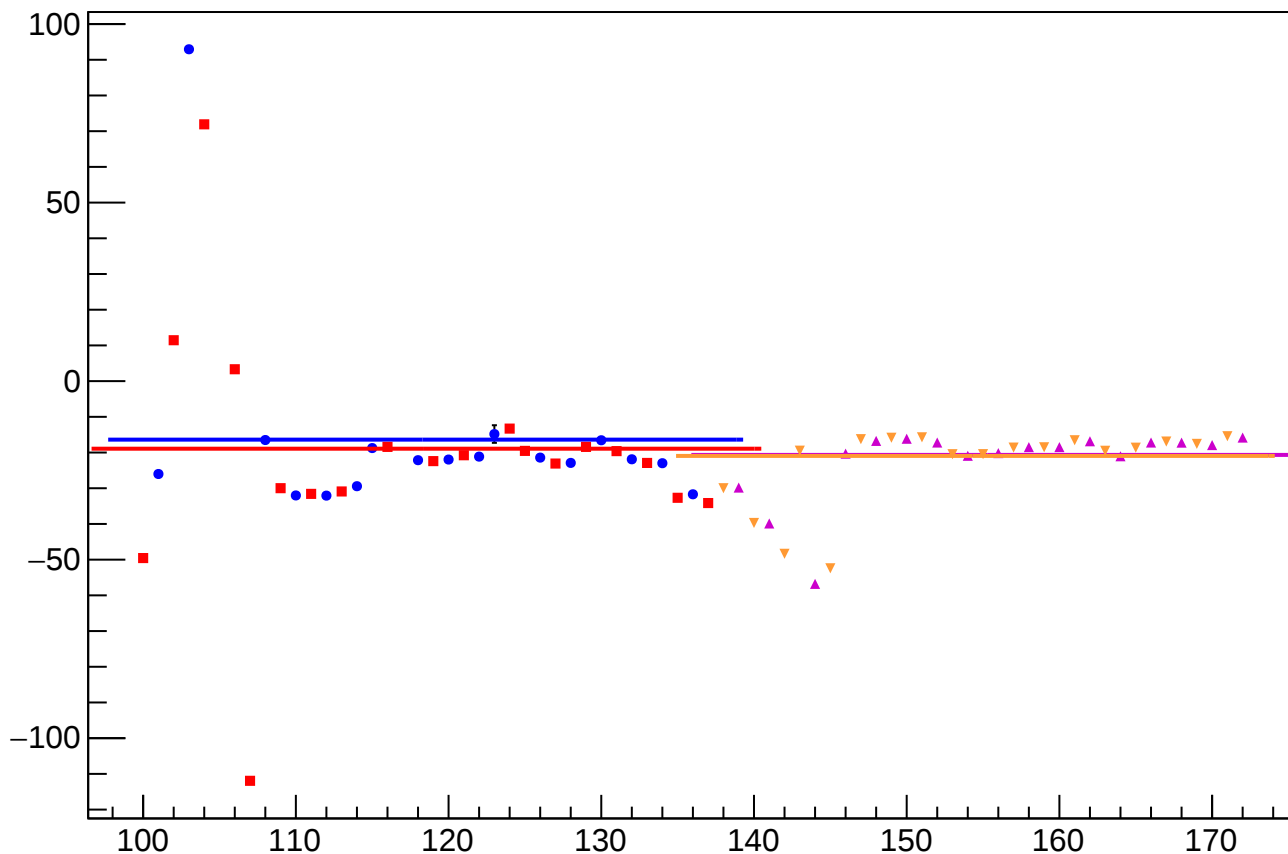
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.307 ± 0.366 χ^2/NDF : 1931.3/33

Out: -18.719 ± 0.361 χ^2/NDF : 1685.7/36

All: -19.009 ± 0.257 χ^2/NDF : 3618.2/70

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -20.947 ± 0.019 $\chi^2/\text{NDF}: 198276.2/17$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -20.666 ± 0.019 $\chi^2/\text{NDF}: 167550.1/16$

Left: -20.805 ± 0.014 $\chi^2/\text{NDF}: 365933.3/34$

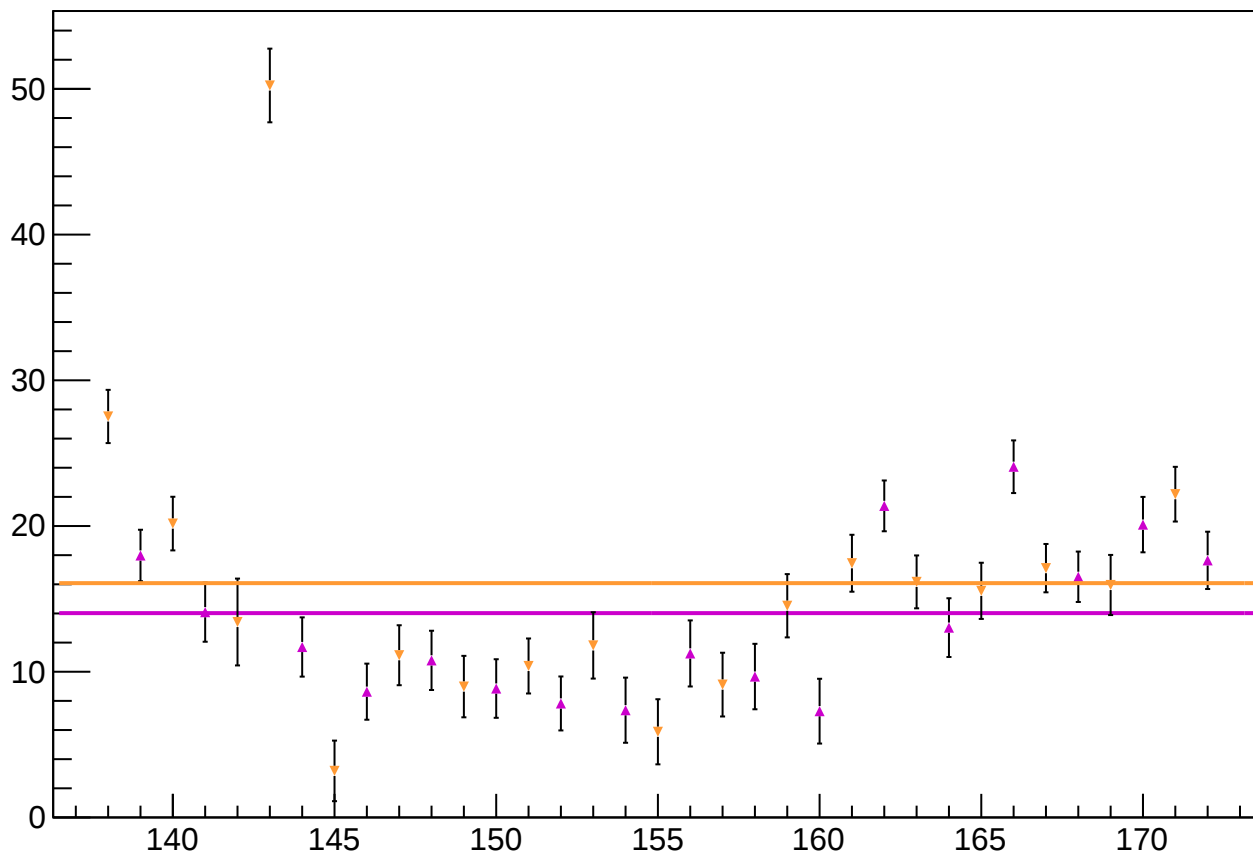
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.994 ± 0.018 $\chi^2/\text{NDF}: 649656.1/33$

Out: -20.636 ± 0.018 $\chi^2/\text{NDF}: 634111.3/36$

All: -20.312 ± 0.013 $\chi^2/\text{NDF}: 1284425.3/70$

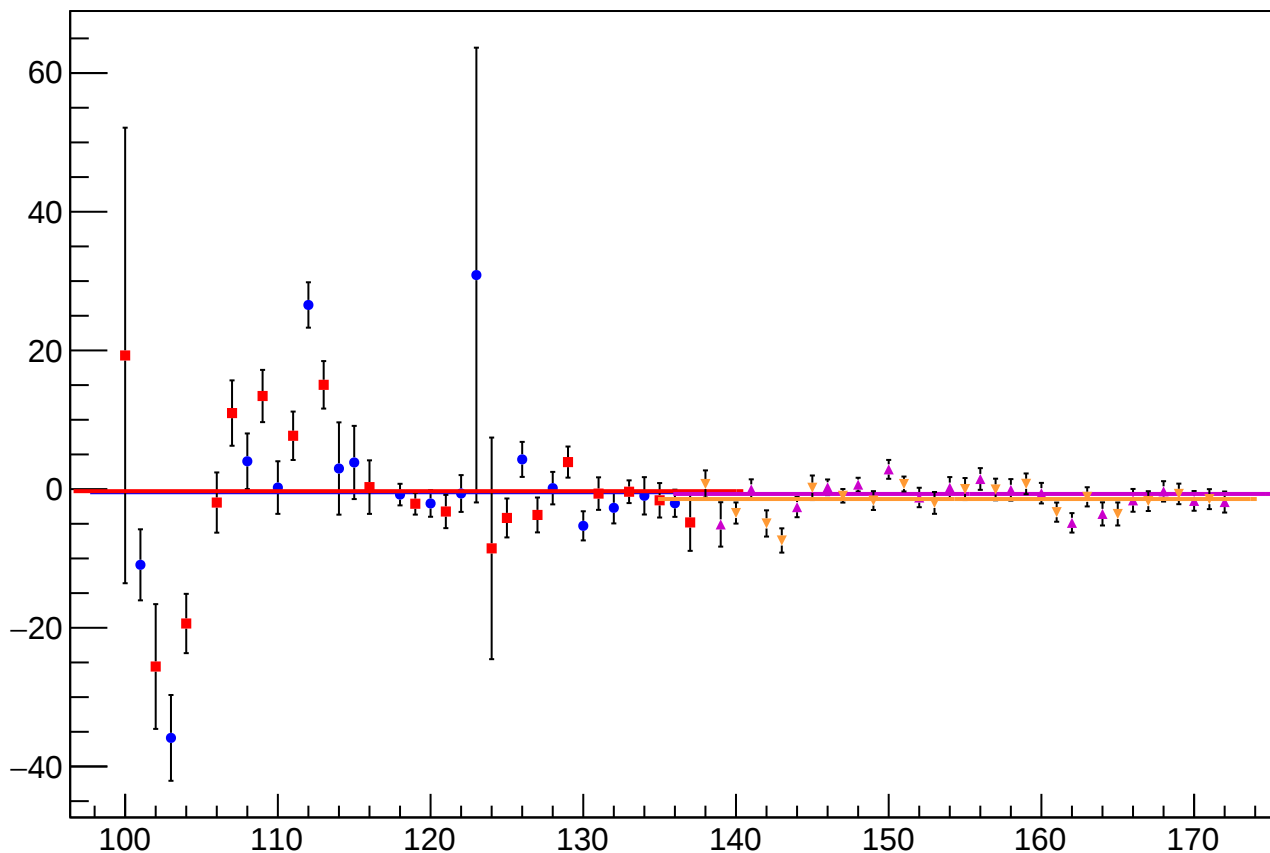
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 14.023 ± 0.477 $\chi^2/\text{NDF}: 122.5/16$

Left: 15.048 ± 0.338 $\chi^2/\text{NDF}: 470.4/34$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 14.023 ± 0.477 $\chi^2/\text{NDF}: 122.5/16$
 Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 All: 15.048 ± 0.338 $\chi^2/\text{NDF}: 470.4/34$

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.431 ± 0.342 χ^2/NDF : 31.1/17

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.697 ± 0.349 χ^2/NDF : 28.9/16

Left: -1.071 ± 0.244 χ^2/NDF : 62.3/34

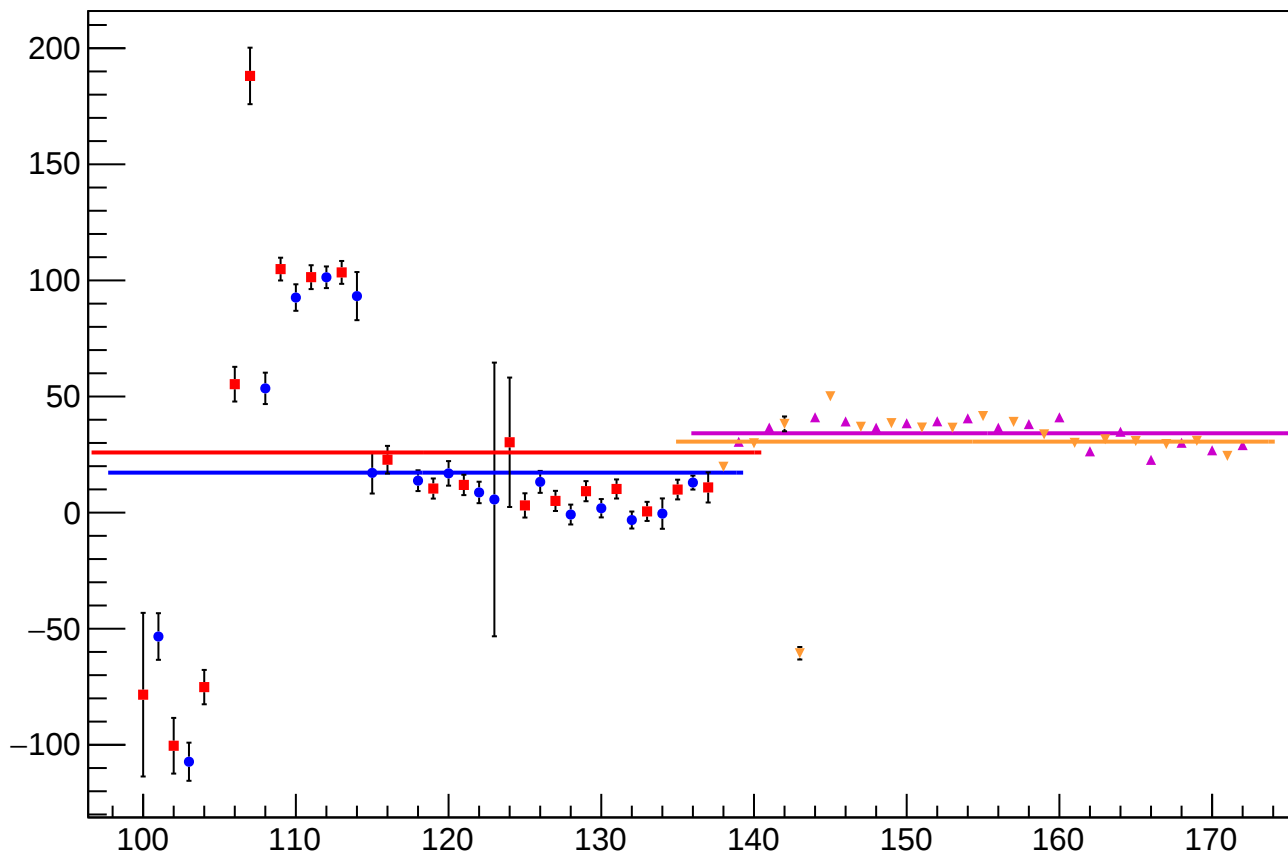
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.643 ± 0.308 χ^2/NDF : 148.6/33

Out: -1.190 ± 0.303 χ^2/NDF : 117.9/36

All: -0.920 ± 0.216 χ^2/NDF : 268.1/70

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.576 ± 0.472 $\chi^2/\text{NDF}: 1364.6/17$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 34.170 ± 0.469 $\chi^2/\text{NDF}: 150.6/16$

Left: 32.386 ± 0.333 $\chi^2/\text{NDF}: 1544.4/34$

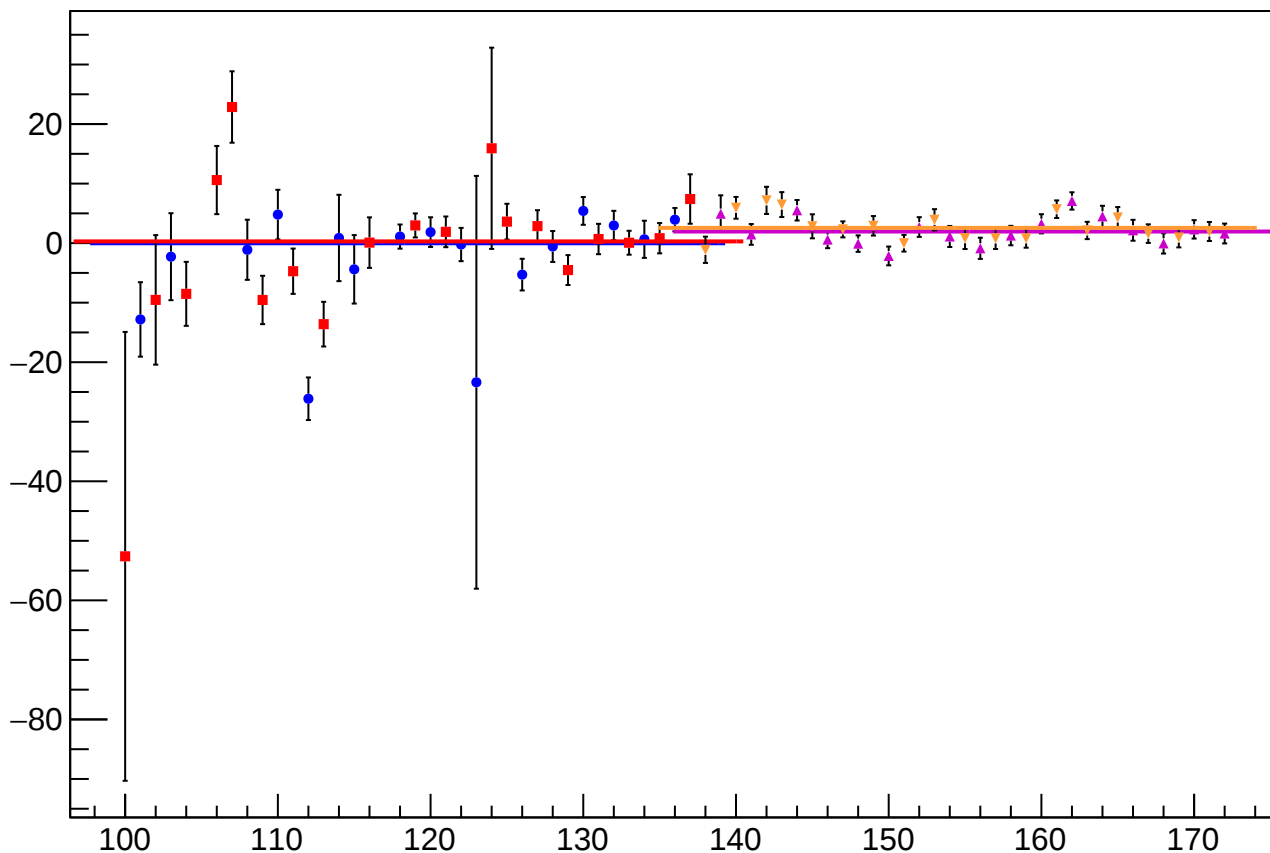
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 32.055 ± 0.438 $\chi^2/\text{NDF}: 1254.1/33$

Out: 29.987 ± 0.441 $\chi^2/\text{NDF}: 2751.7/36$

All: 31.028 ± 0.311 $\chi^2/\text{NDF}: 4016.8/70$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.563 ± 0.396 χ^2/NDF : 28.1/17

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.951 ± 0.403 χ^2/NDF : 34.8/16

Left: 2.262 ± 0.282 χ^2/NDF : 64.1/34

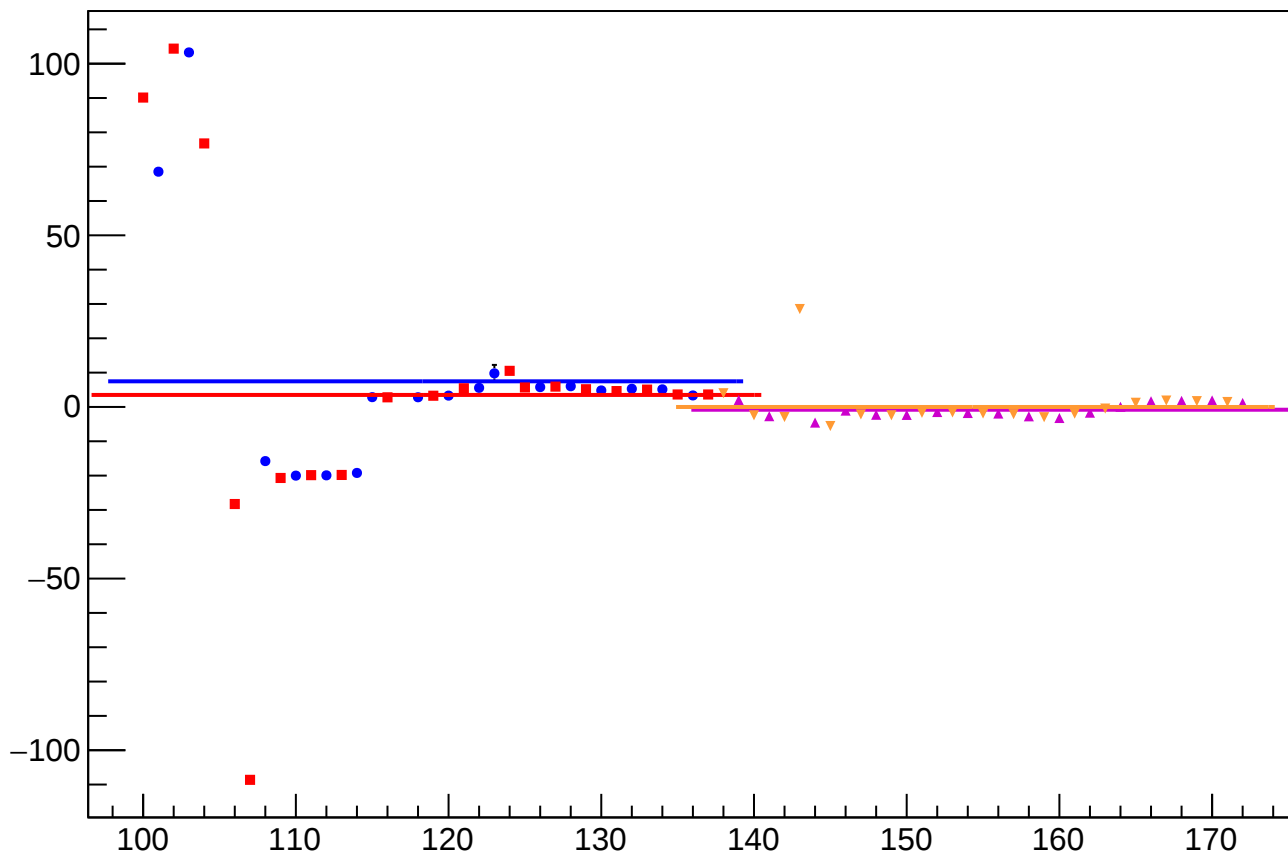
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.505 ± 0.354 χ^2/NDF : 116.1/33

Out: 2.066 ± 0.350 χ^2/NDF : 91.3/36

All: 1.789 ± 0.249 χ^2/NDF : 208.7/70

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: -0.009 ± 0.018 $\chi^2/\text{NDF}: 86142.1/17$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -0.810 ± 0.018 $\chi^2/\text{NDF}: 11679.7/16$

Left: -0.412 ± 0.013 $\chi^2/\text{NDF}: 98782.0/34$

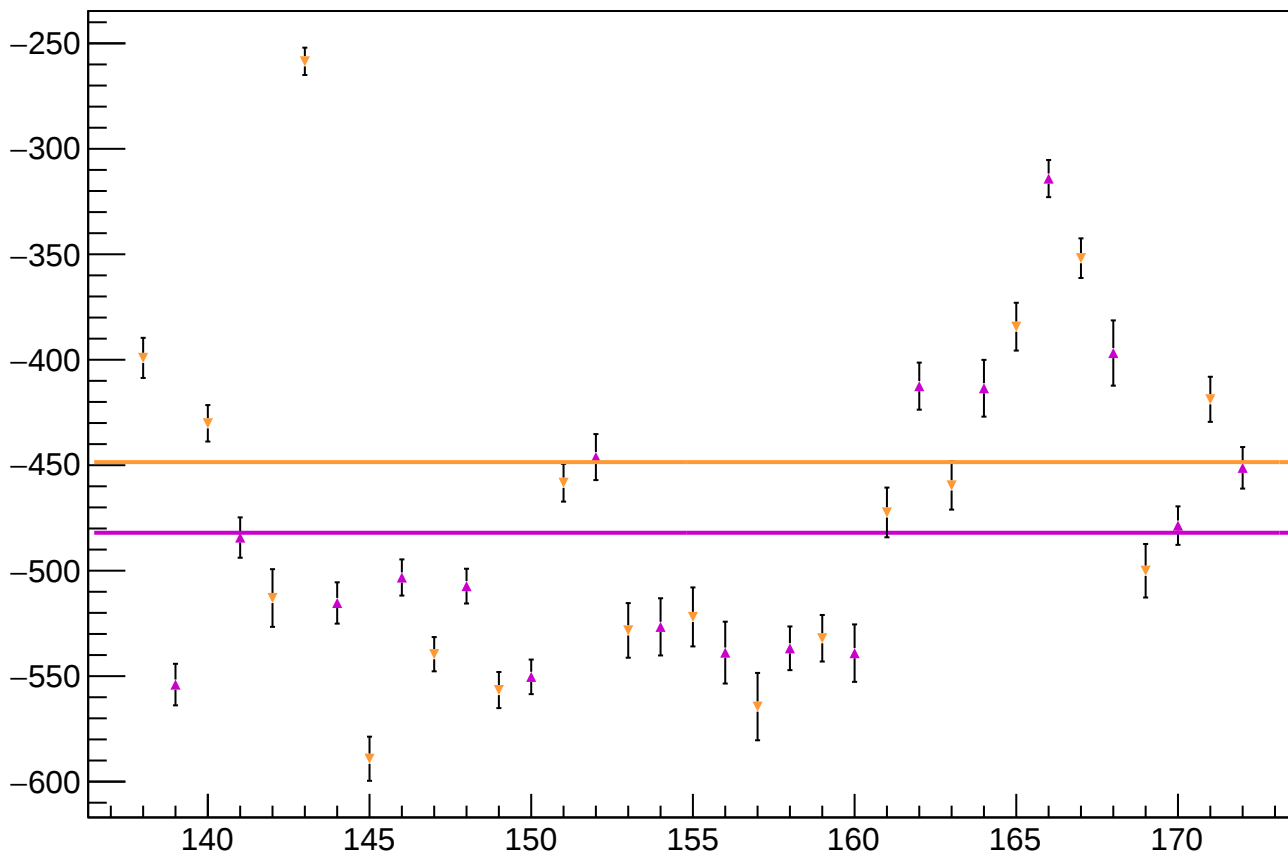
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.378 ± 0.017 $\chi^2/\text{NDF}: 397238.9/33$

Out: 0.481 ± 0.017 $\chi^2/\text{NDF}: 601823.3/36$

All: 0.429 ± 0.012 $\chi^2/\text{NDF}: 999080.5/70$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -482.020+/-2.492 χ^2/NDF :700.9/16

Left: -464.527+/-1.722 χ^2/NDF : 2519.3/34

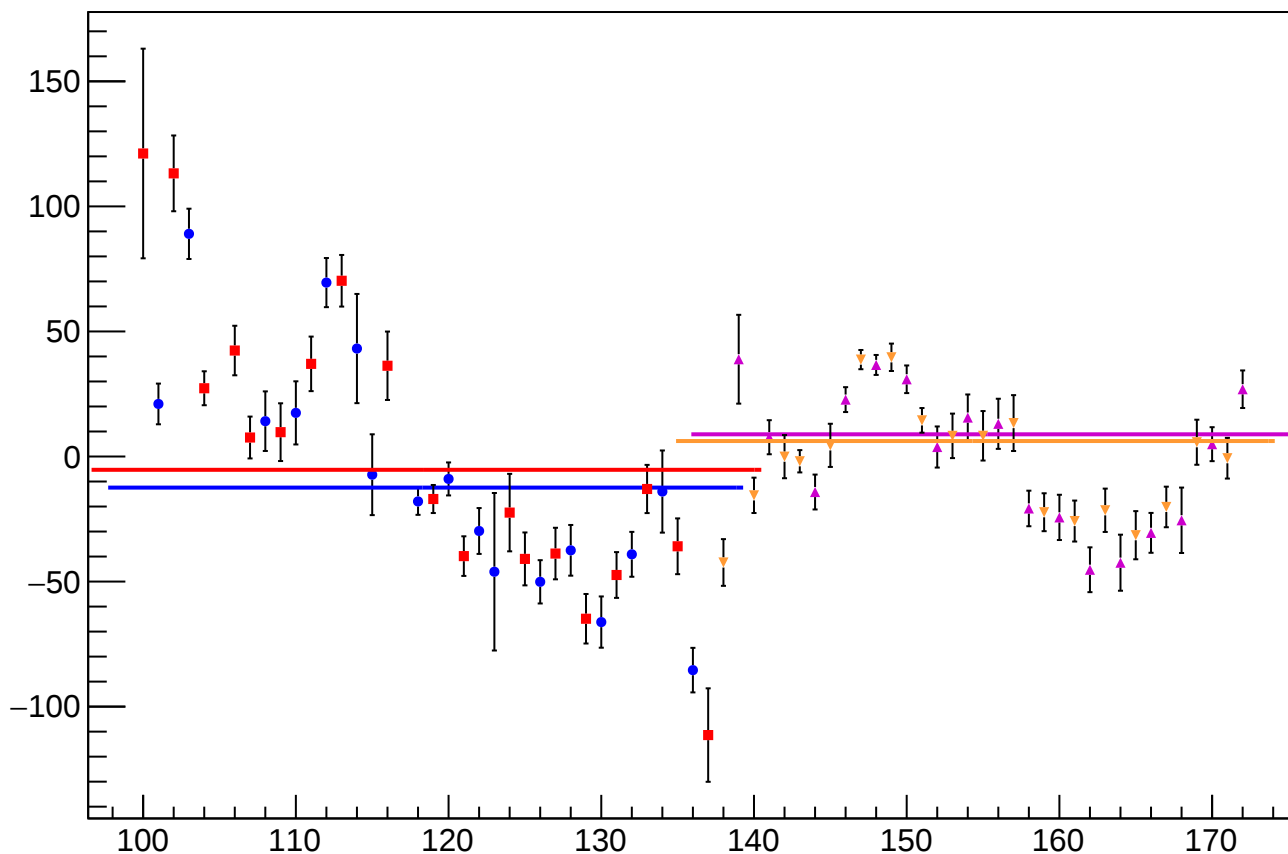
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -482.020+/-2.492 χ^2/NDF :700.9/16

Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

All: -464.527+/-1.722 χ^2/NDF : 2519.3/34

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: 6.186 ± 1.621 χ^2/NDF : 218.8/17

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.877 ± 1.738 χ^2/NDF : 212.7/16

Left: 7.438 ± 1.185 χ^2/NDF : 432.8/34

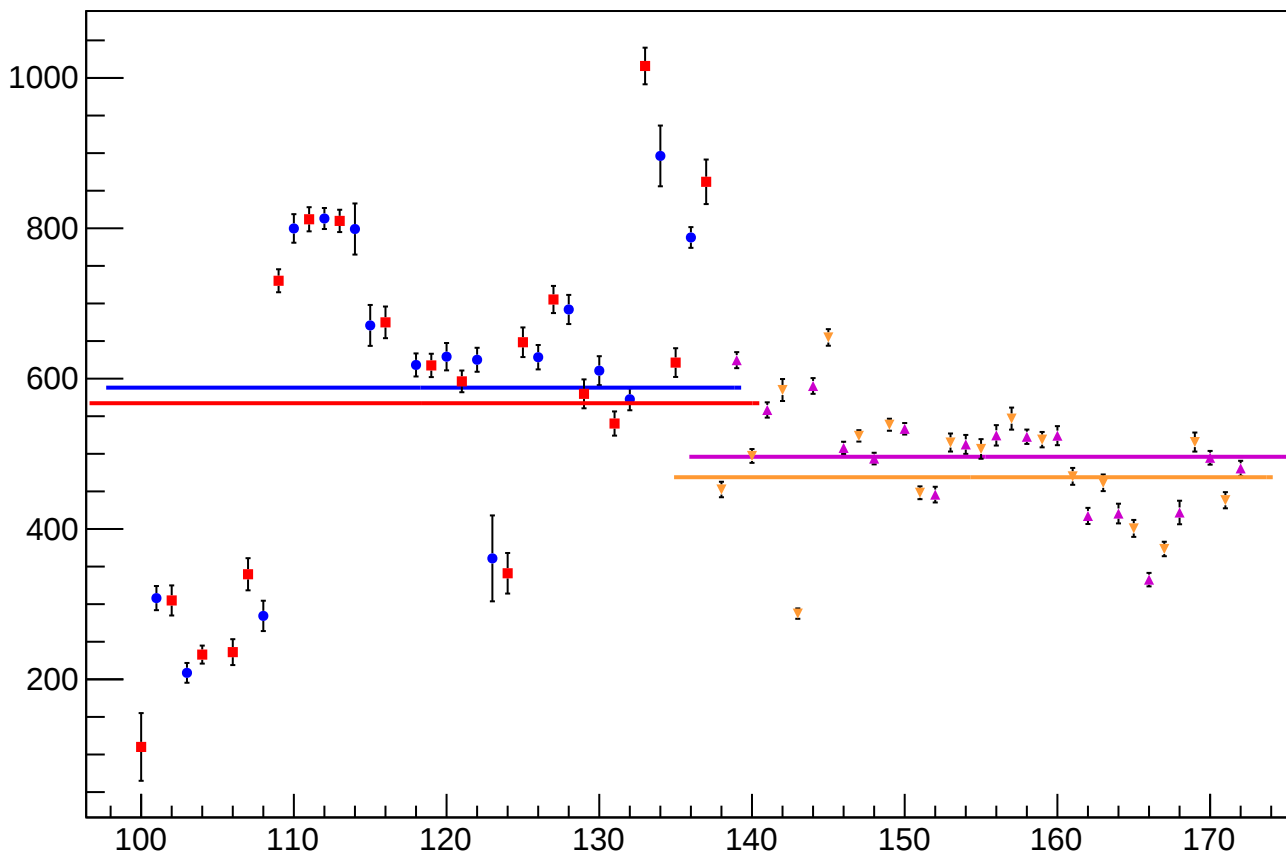
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 1.198 ± 1.390 χ^2/NDF : 607.1/33

Out: 2.279 ± 1.317 χ^2/NDF : 578.7/36

All: 1.767 ± 0.956 χ^2/NDF : 1186.1/70

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2/NDF : 2127.7/16

Left Out: 468.870 $\pm$ 2.367 χ^2/NDF :1416.2/17

Right Out: 567.313 $\pm$ 4.133 χ^2/NDF : 2784.3/18

Left In: 496.060 $\pm$ 2.446 χ^2/NDF :775.2/16

Left: 482.021 $\pm$ 1.701 χ^2/NDF : 2255.2/34

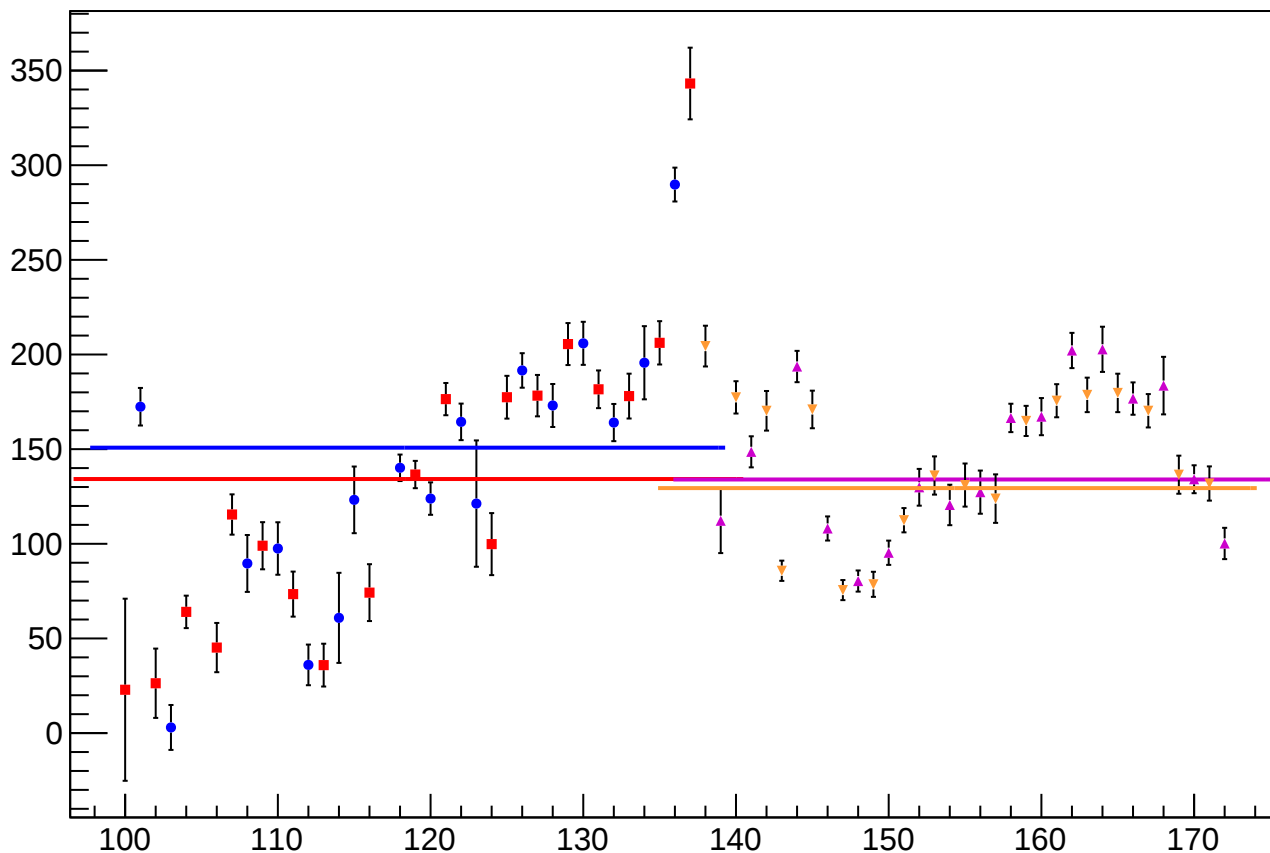
Right: 577.194 $\pm$ 2.989 χ^2/NDF : 4924.0/35

In: 518.314 $\pm$ 2.129 χ^2/NDF :3245.1/33

Out: 493.183 $\pm$ 2.054 χ^2/NDF :4627.7/36

All: 505.297 $\pm$ 1.478 χ^2/NDF : 7944.9/70

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 129.425 $\pm$ 1.930 χ^2 /NDF: 472.7/17

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 133.979 $\pm$ 2.047 χ^2 /NDF: 373.6/16

Left: 131.569 $\pm$ 1.404 χ^2 /NDF: 849.0/34

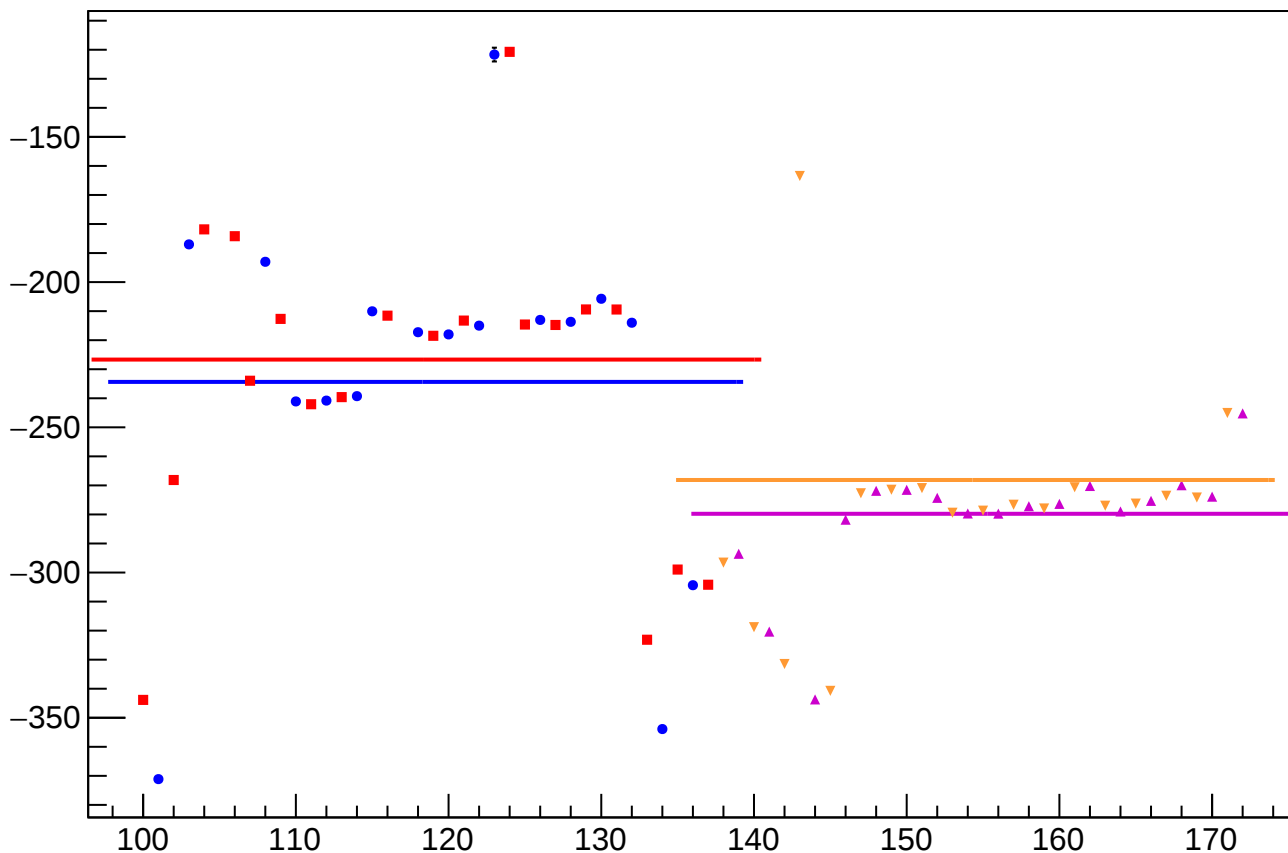
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 140.171 $\pm$ 1.626 χ^2 /NDF: 1031.6/33

Out: 131.115 $\pm$ 1.553 χ^2 /NDF: 1056.5/36

All: 135.434 $\pm$ 1.123 χ^2 /NDF: 2104.3/70

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -268.132 ± 0.095 $\chi^2/\text{NDF}: 209083.5/17$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -279.771 ± 0.097 $\chi^2/\text{NDF}: 42554.4/16$

Left: -273.819 ± 0.068 $\chi^2/\text{NDF}: 259037.1/34$

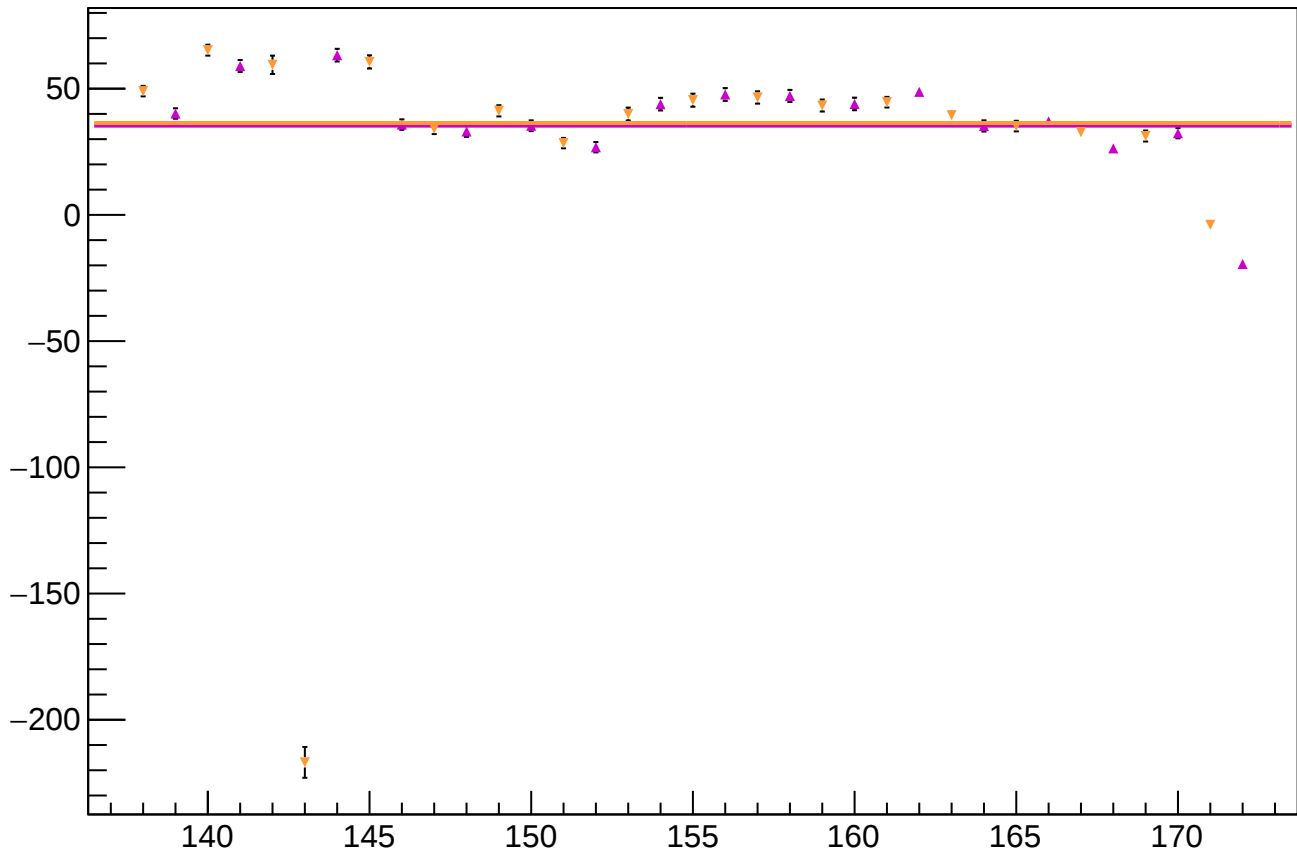
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -266.235 ± 0.081 $\chi^2/\text{NDF}: 253371.4/33$

Out: -255.299 ± 0.079 $\chi^2/\text{NDF}: 368049.0/36$

All: -260.598 ± 0.056 $\chi^2/\text{NDF}: 630802.1/70$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Left: 35.866+/-0.374 χ^2/NDF : 3797.1/34

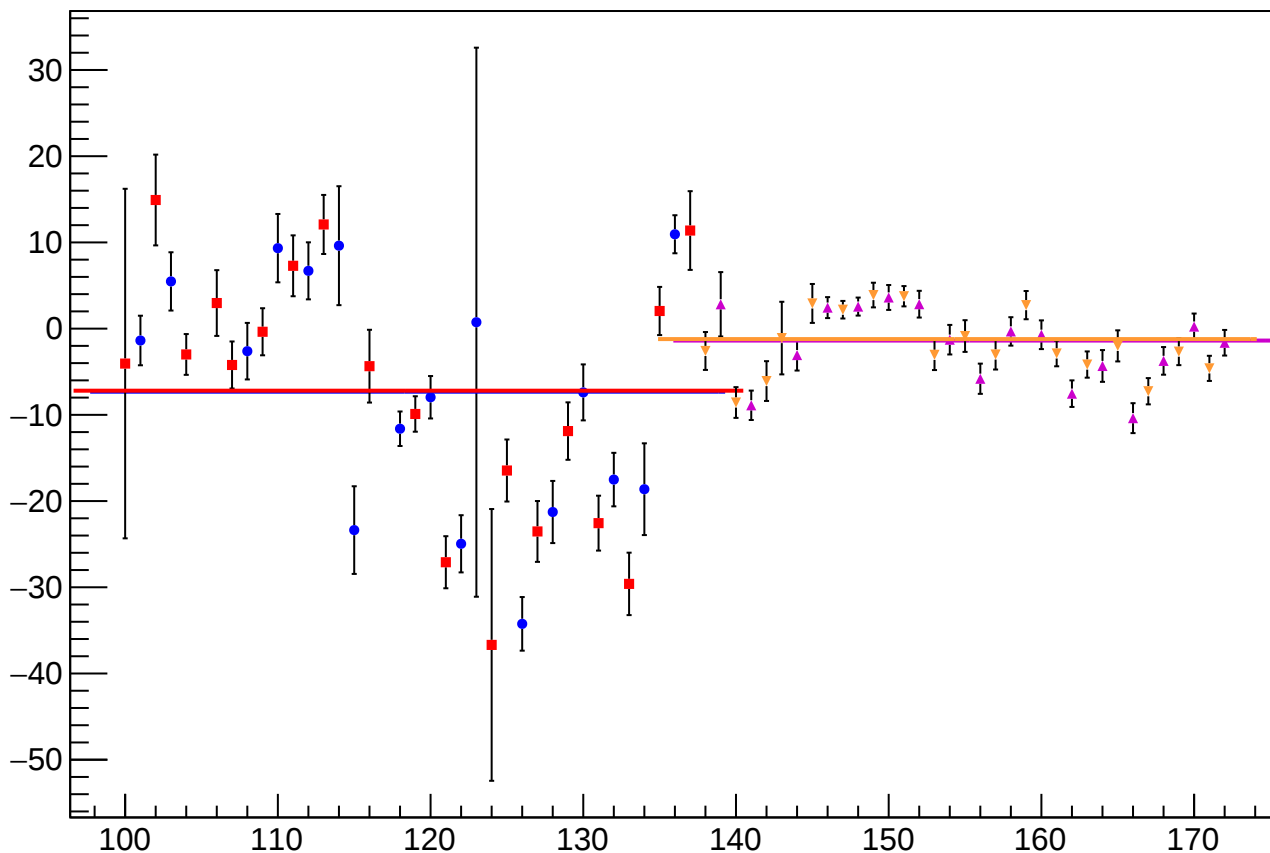
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

All: 35.866+/-0.374 χ^2/NDF : 3797.1/34

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -1.213 ± 0.379 χ^2/NDF : 102.2/17

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.384 ± 0.380 χ^2/NDF : 120.7/16

Left: -1.298 ± 0.268 χ^2/NDF : 223.0/34

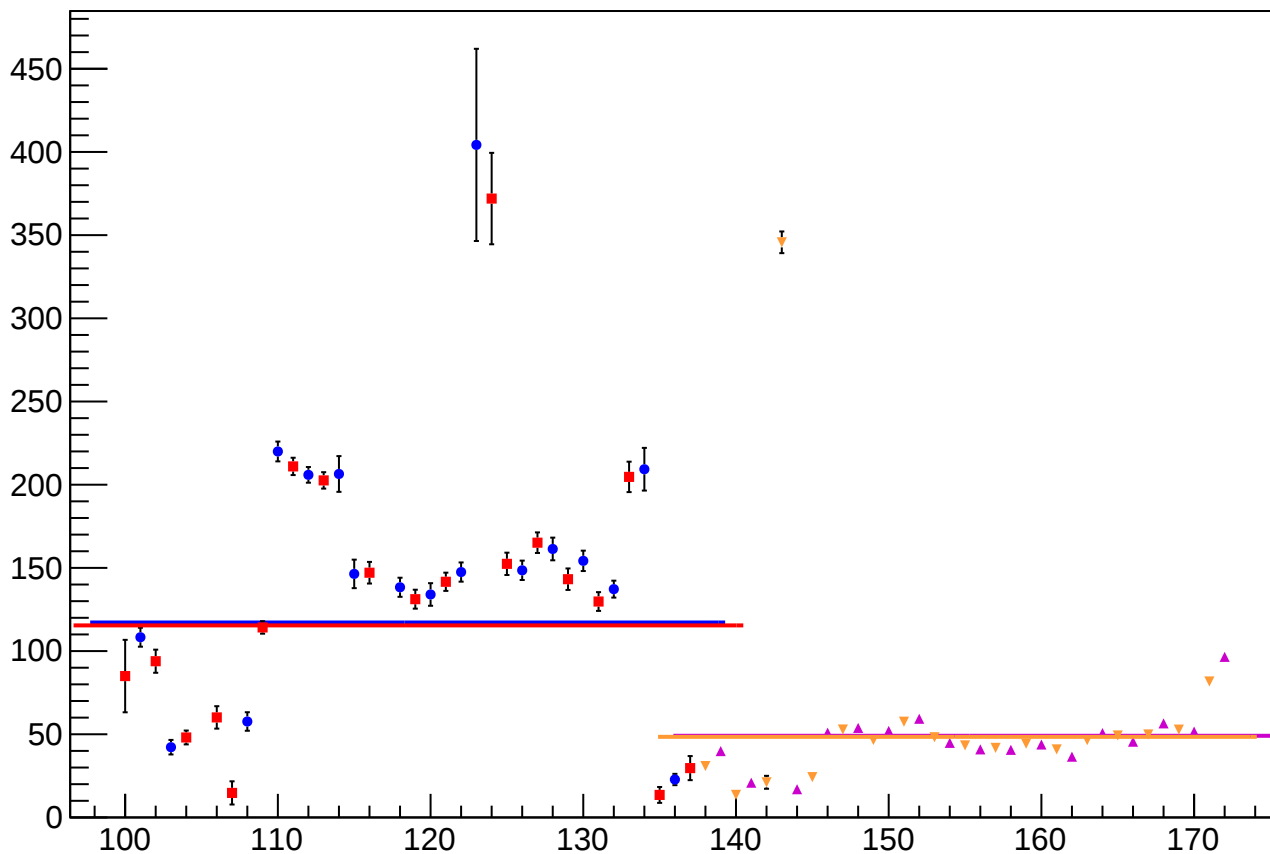
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.519 ± 0.341 χ^2/NDF : 446.5/33

Out: -2.403 ± 0.339 χ^2/NDF : 403.8/36

All: -2.461 ± 0.241 χ^2/NDF : 850.4/70

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 48.458+/-0.525 χ^2/NDF : 2861.4/17

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 49.089+/-0.513 χ^2/NDF : 1001.5/16

Left: 48.781+/-0.367 χ^2/NDF : 3863.7/34

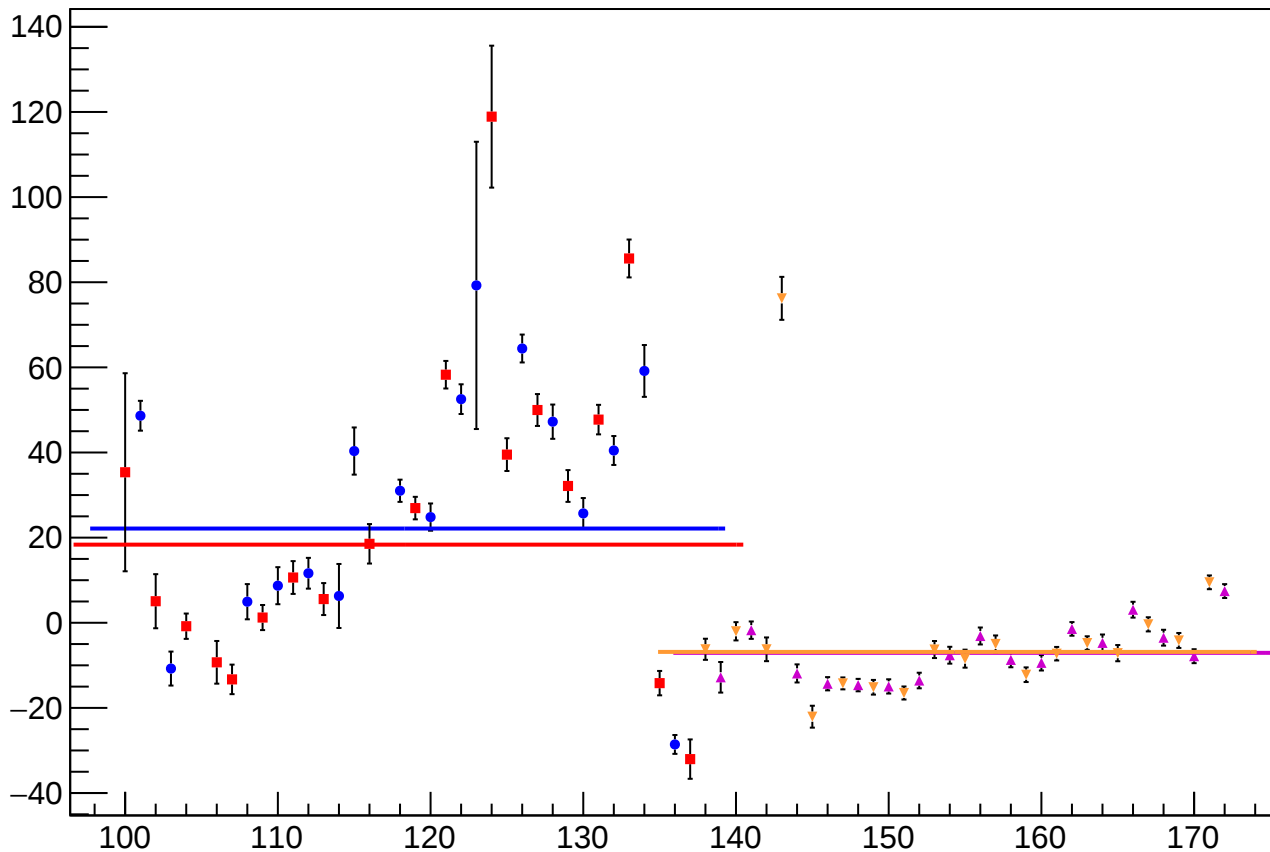
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 57.028+/-0.482 χ^2/NDF : 5217.1/33

Out: 57.139+/-0.490 χ^2/NDF : 7122.1/36

All: 57.083+/-0.344 χ^2/NDF : 12339.2/70

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -6.844 ± 0.440 $\chi^2/\text{NDF}: 534.1/17$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -7.069 ± 0.439 $\chi^2/\text{NDF}: 231.0/16$

Left: -6.957 ± 0.311 $\chi^2/\text{NDF}: 765.2/34$

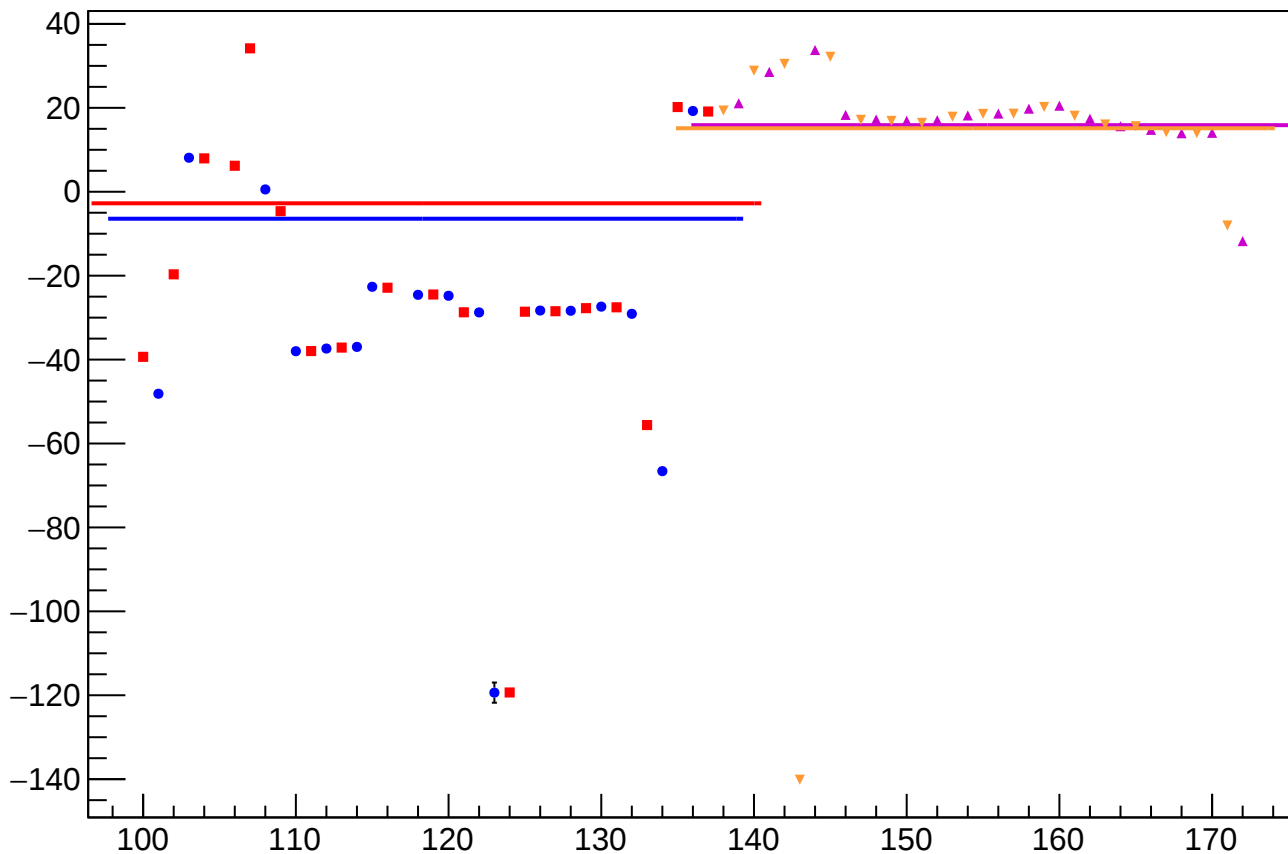
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.369 ± 0.394 $\chi^2/\text{NDF}: 2159.5/33$

Out: -1.721 ± 0.393 $\chi^2/\text{NDF}: 2271.2/36$

All: -1.545 ± 0.278 $\chi^2/\text{NDF}: 4431.2/70$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 15.134 ± 0.020 χ^2/NDF : 535665.3/17

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 15.871 ± 0.020 χ^2/NDF : 210044.8/16

Left: 15.511 ± 0.014 χ^2/NDF : 746377.9/34

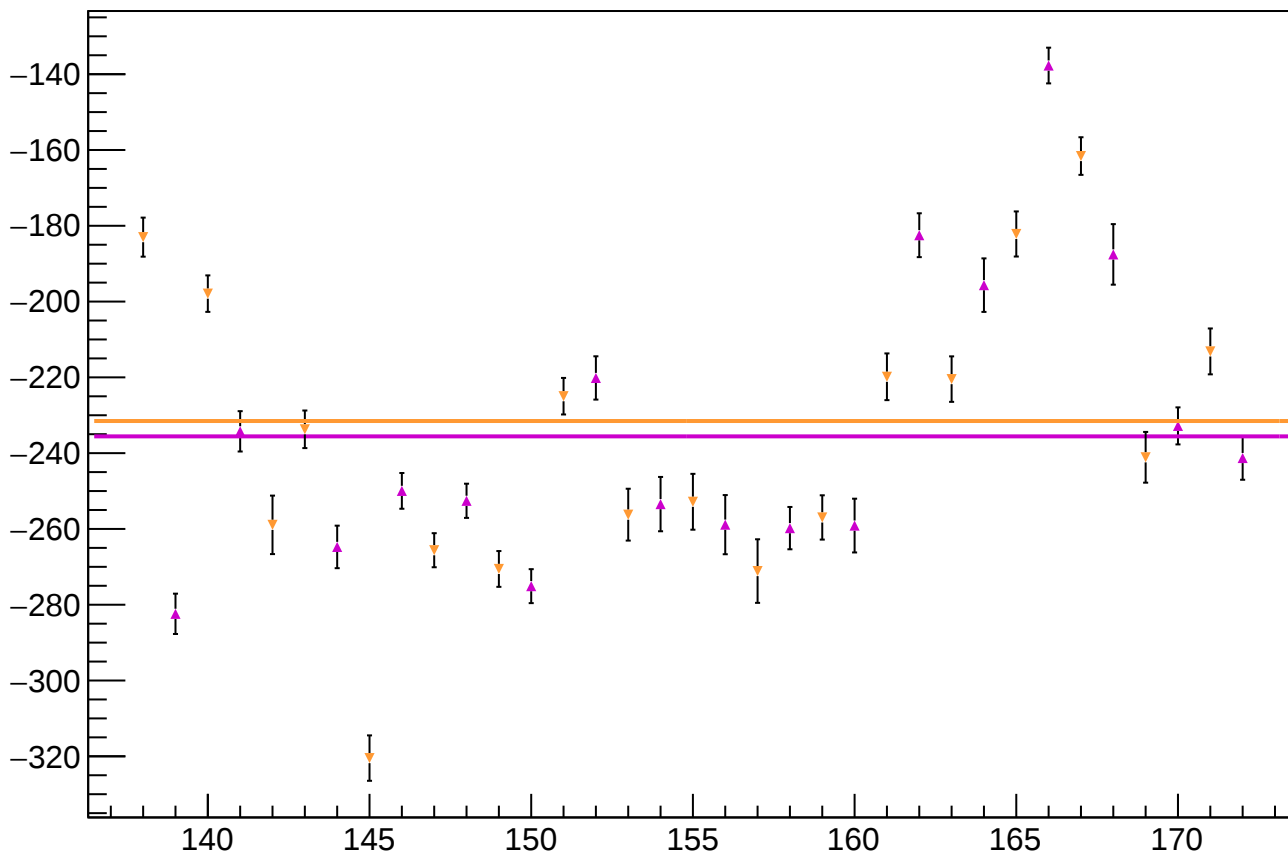
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 12.374 ± 0.018 χ^2/NDF : 671533.4/33

Out: 12.157 ± 0.019 χ^2/NDF : 929751.3/36

All: 12.268 ± 0.013 χ^2/NDF : 1601353.9/70

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.520+/-1.337 χ^2/NDF :846.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.572+/-1.352 χ^2/NDF :842.6/16

Left: -233.525+/-0.951 χ^2/NDF : 1693.4/34

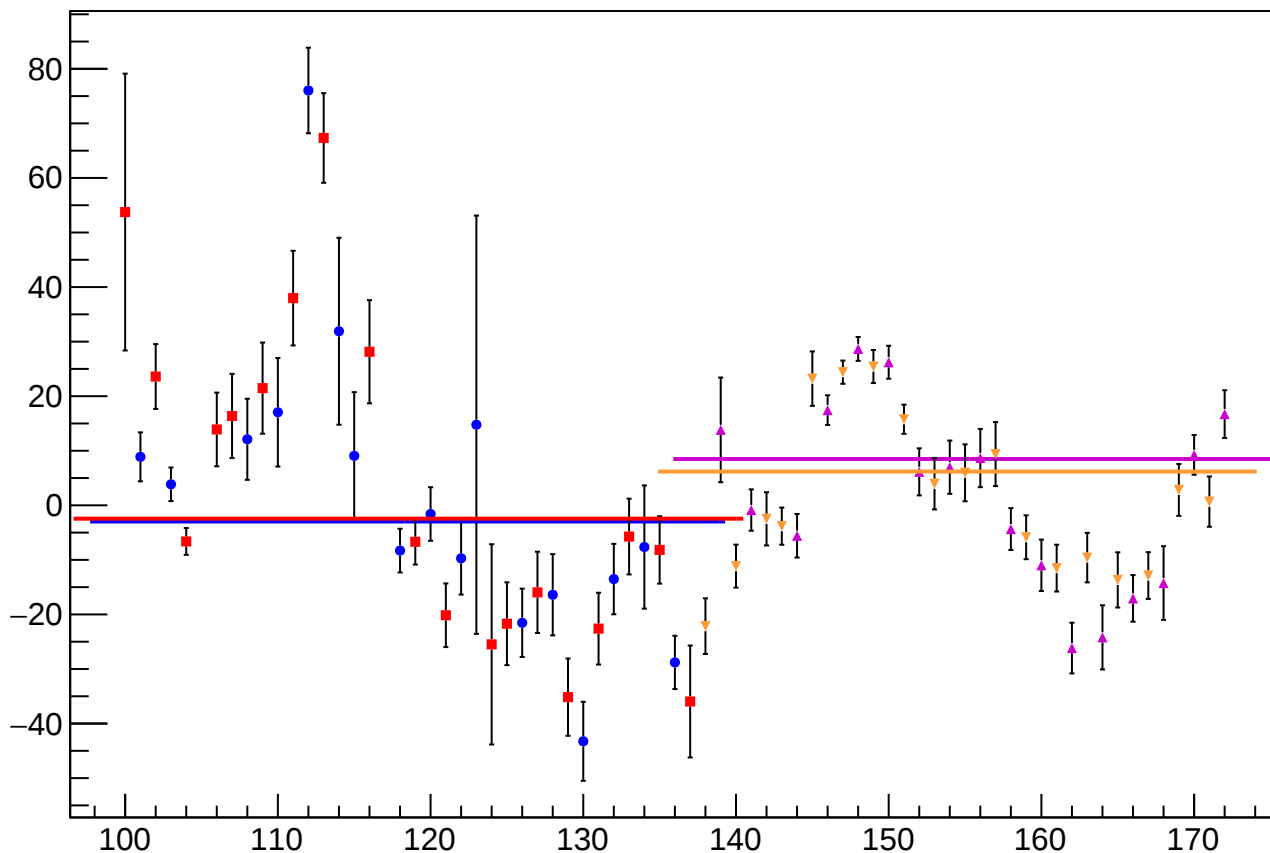
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.572+/-1.352 χ^2/NDF :842.6/16

Out: -231.520+/-1.337 χ^2/NDF :846.3/17

All: -233.525+/-0.951 χ^2/NDF : 1693.4/34

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 6.190 ± 0.912 χ^2/NDF : 275.9/17

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 8.494 ± 0.945 χ^2/NDF : 315.1/16

Left: 7.301 ± 0.656 χ^2/NDF : 594.1/34

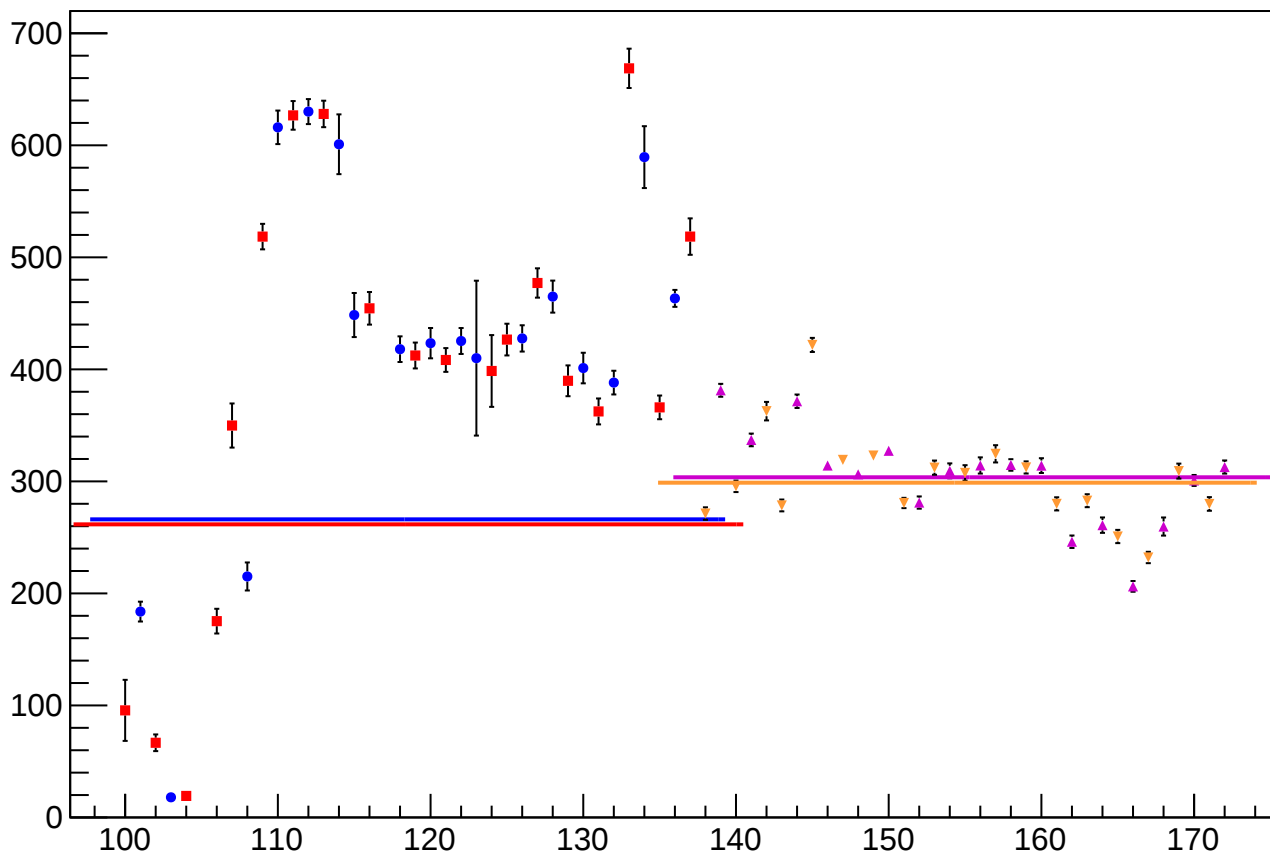
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 5.088 ± 0.792 χ^2/NDF : 562.4/33

Out: 3.610 ± 0.764 χ^2/NDF : 518.1/36

All: 4.322 ± 0.550 χ^2/NDF : 1082.3/70

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 298.832 $\pm$ 1.321 χ^2 /NDF:842.5/17

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 303.657 $\pm$ 1.325 χ^2 /NDF:998.0/16

Left: 301.237 $\pm$ 0.935 χ^2 /NDF: 1847.2/34

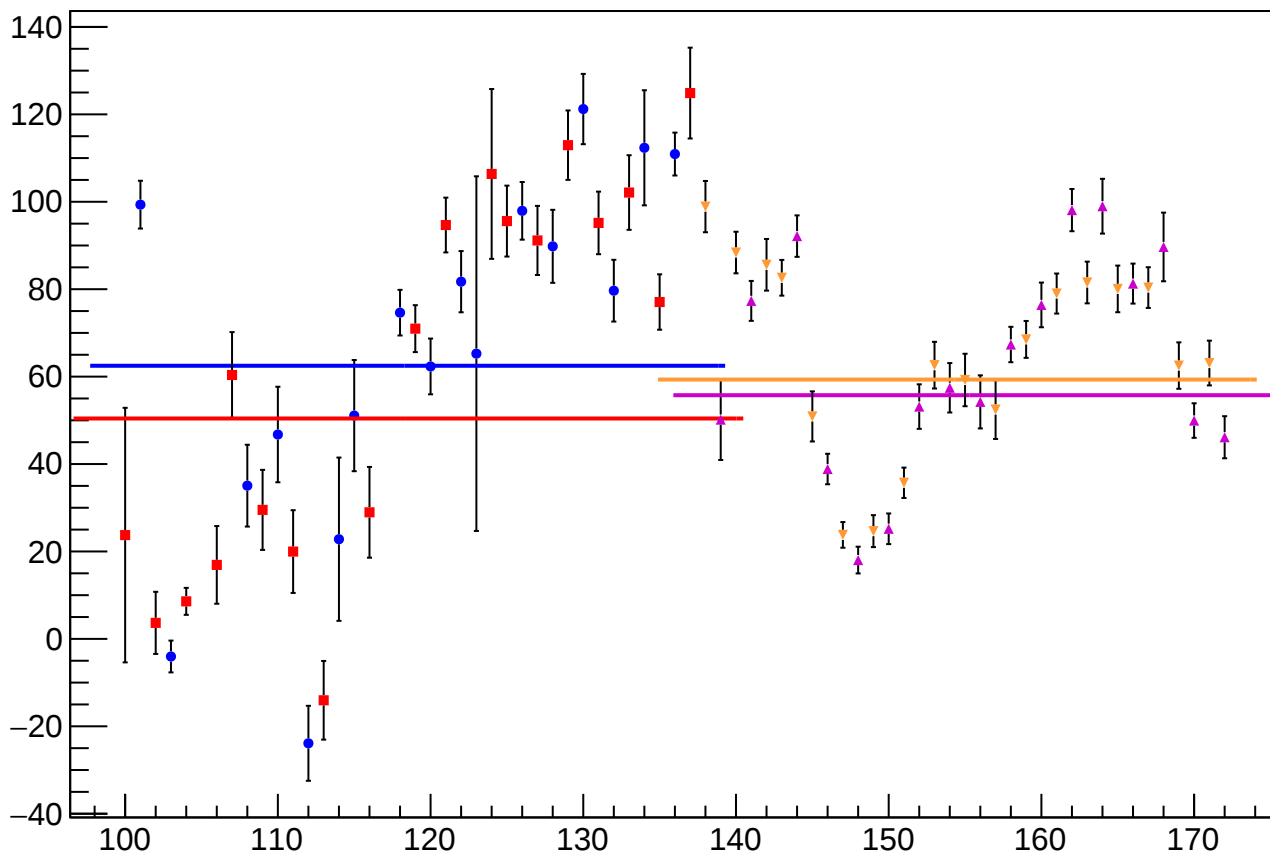
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 295.322 $\pm$ 1.169 χ^2 /NDF:8820.3/33

Out: 290.493 $\pm$ 1.163 χ^2 /NDF:9229.8/36

All: 292.896 $\pm$ 0.824 χ^2 /NDF: 18058.6/70

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: 59.331+/-1.082 χ^2/NDF : 502.4/17

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 55.748+/-1.111 χ^2/NDF : 538.4/16

Left: 57.586+/-0.775 χ^2/NDF : 1046.2/34

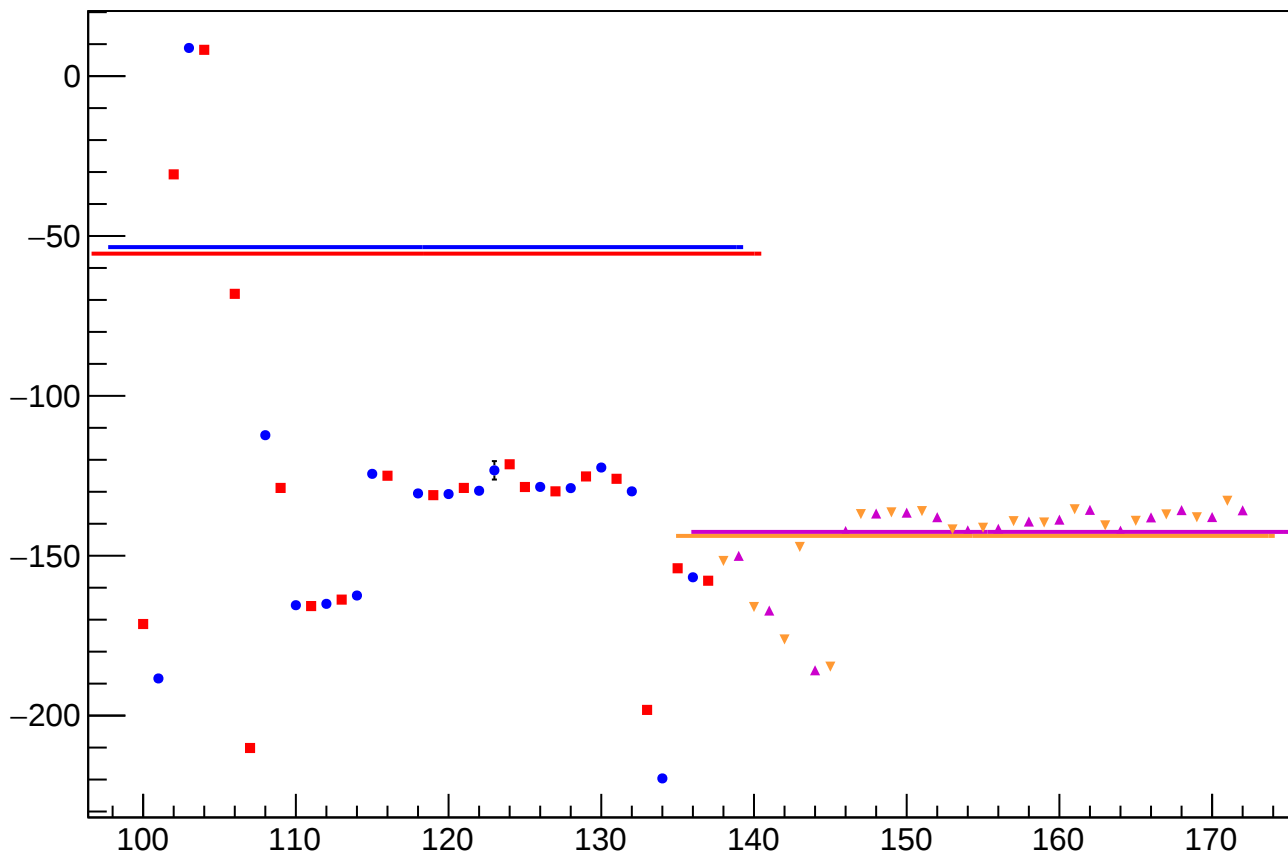
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 57.796+/-0.927 χ^2/NDF : 1270.4/33

Out: 56.631+/-0.904 χ^2/NDF : 1174.4/36

All: 57.199+/-0.647 χ^2/NDF : 2445.6/70

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -143.800 ± 0.053 $\chi^2/\text{NDF}: 59295.3/17$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -142.552 ± 0.052 $\chi^2/\text{NDF}: 46831.2/16$

Left: -143.172 ± 0.037 $\chi^2/\text{NDF}: 106409.1/34$

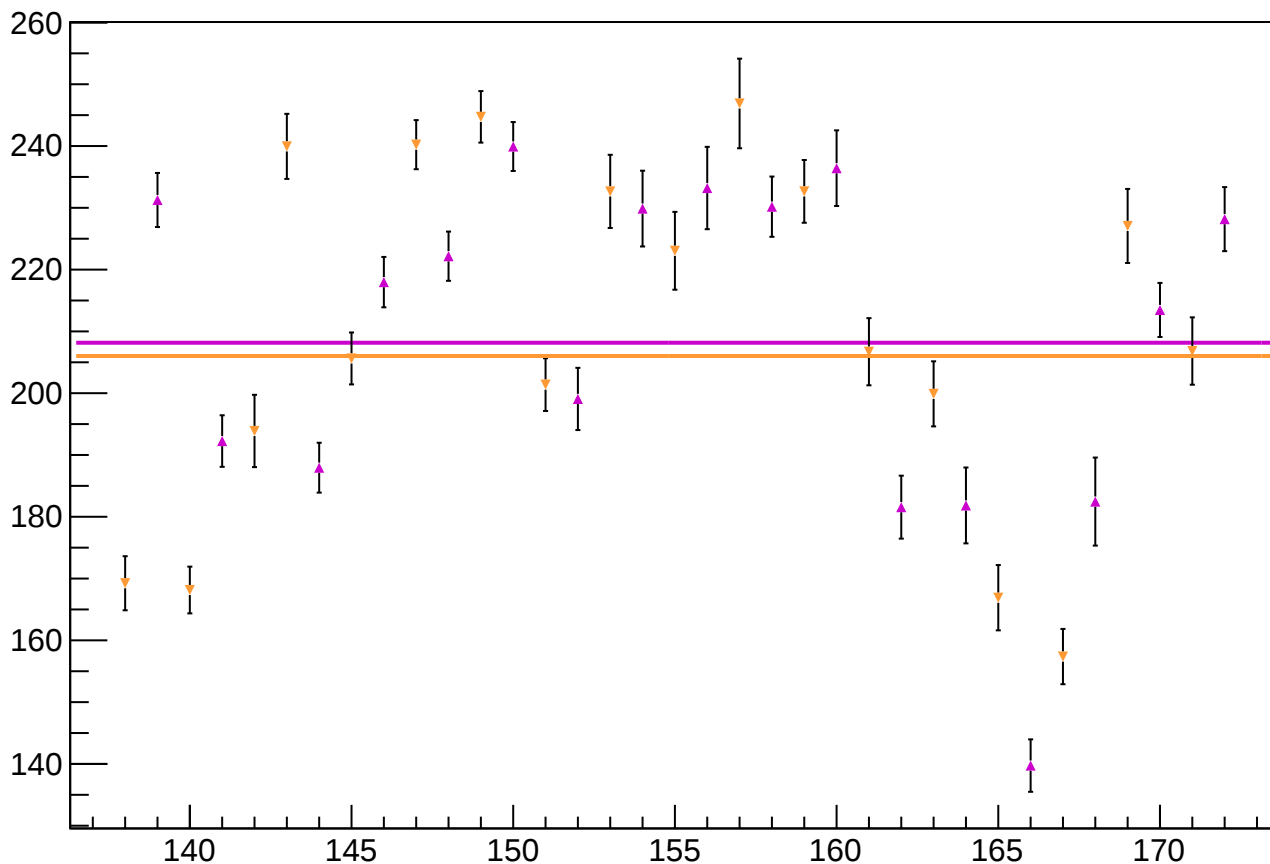
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -110.783 ± 0.042 $\chi^2/\text{NDF}: 2308027.8/33$

Out: -112.995 ± 0.042 $\chi^2/\text{NDF}: 2010712.3/36$

All: -111.876 ± 0.030 $\chi^2/\text{NDF}: 4320112.1/70$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 206.019+/-1.156 χ^2/NDF : 651.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Left: 207.090+/-0.818 χ^2/NDF : 1210.2/34

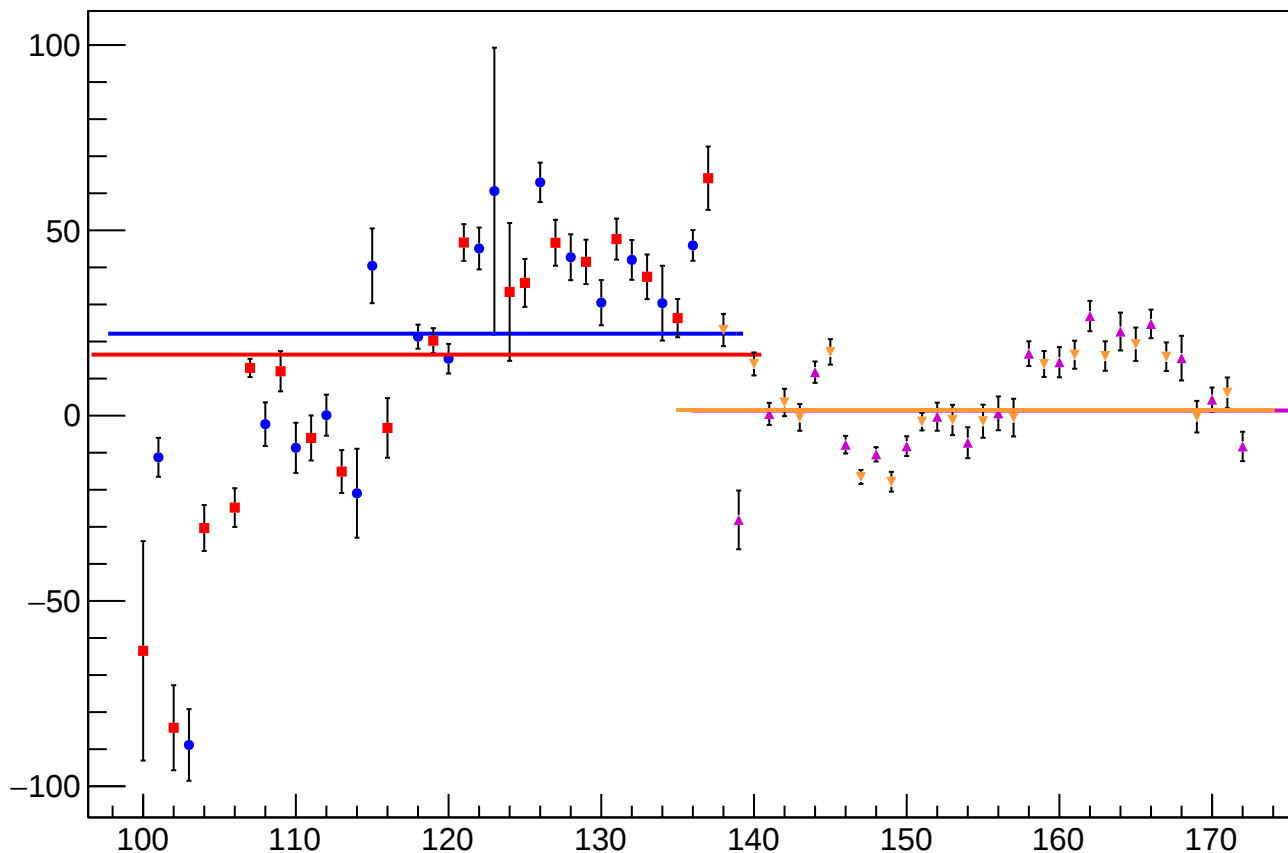
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Out: 206.019+/-1.156 χ^2/NDF : 651.6/17

All: 207.090+/-0.818 χ^2/NDF : 1210.2/34

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 1.514 ± 0.794 $\chi^2/\text{NDF}: 282.0/17$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.379 ± 0.814 $\chi^2/\text{NDF}: 233.5/16$

Left: 1.448 ± 0.568 $\chi^2/\text{NDF}: 515.5/34$

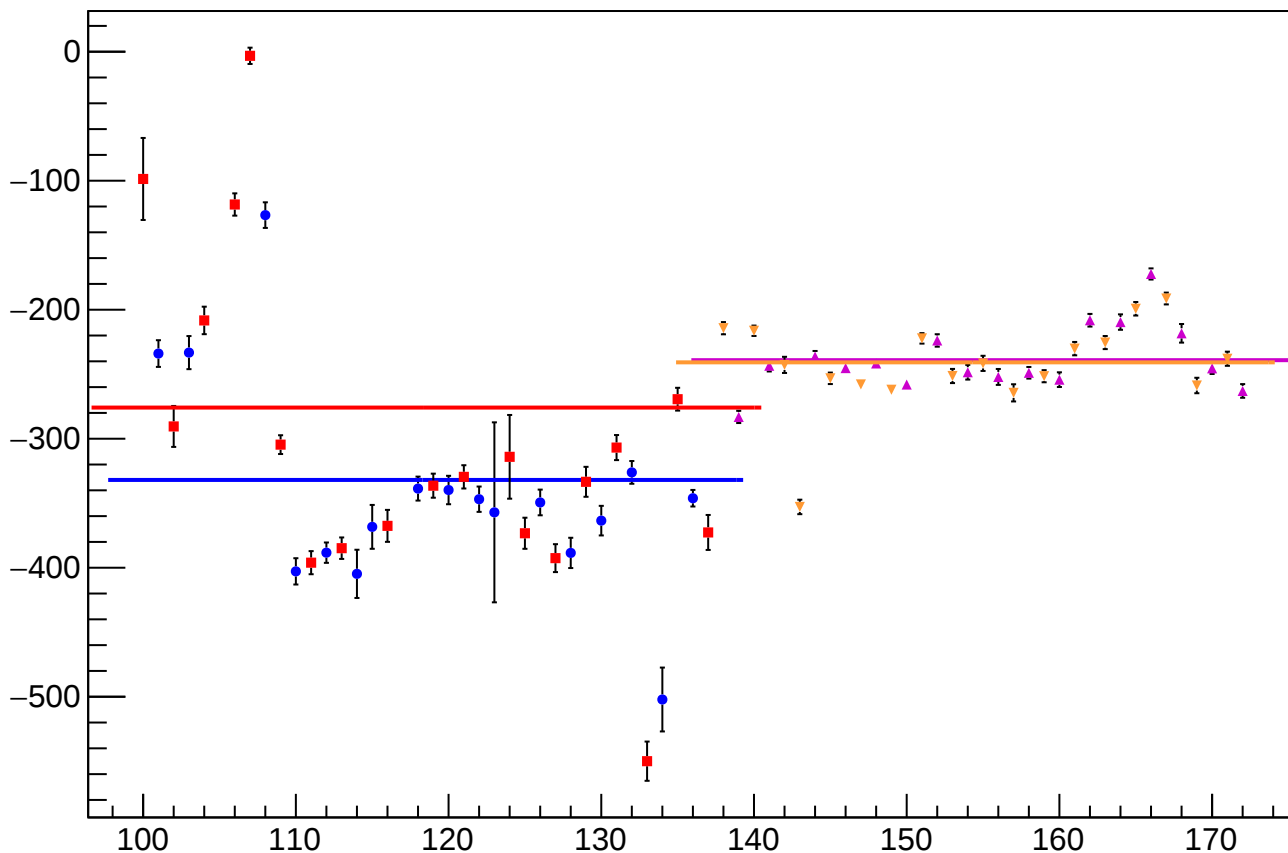
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.750 ± 0.700 $\chi^2/\text{NDF}: 783.7/33$

Out: 5.918 ± 0.667 $\chi^2/\text{NDF}: 810.7/36$

All: 6.314 ± 0.483 $\chi^2/\text{NDF}: 1595.1/70$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.798 ± 1.145 $\chi^2/\text{NDF}: 769.2/17$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -239.112 ± 1.140 $\chi^2/\text{NDF}: 479.7/16$

Left: -239.951 ± 0.808 $\chi^2/\text{NDF}: 1250.0/34$

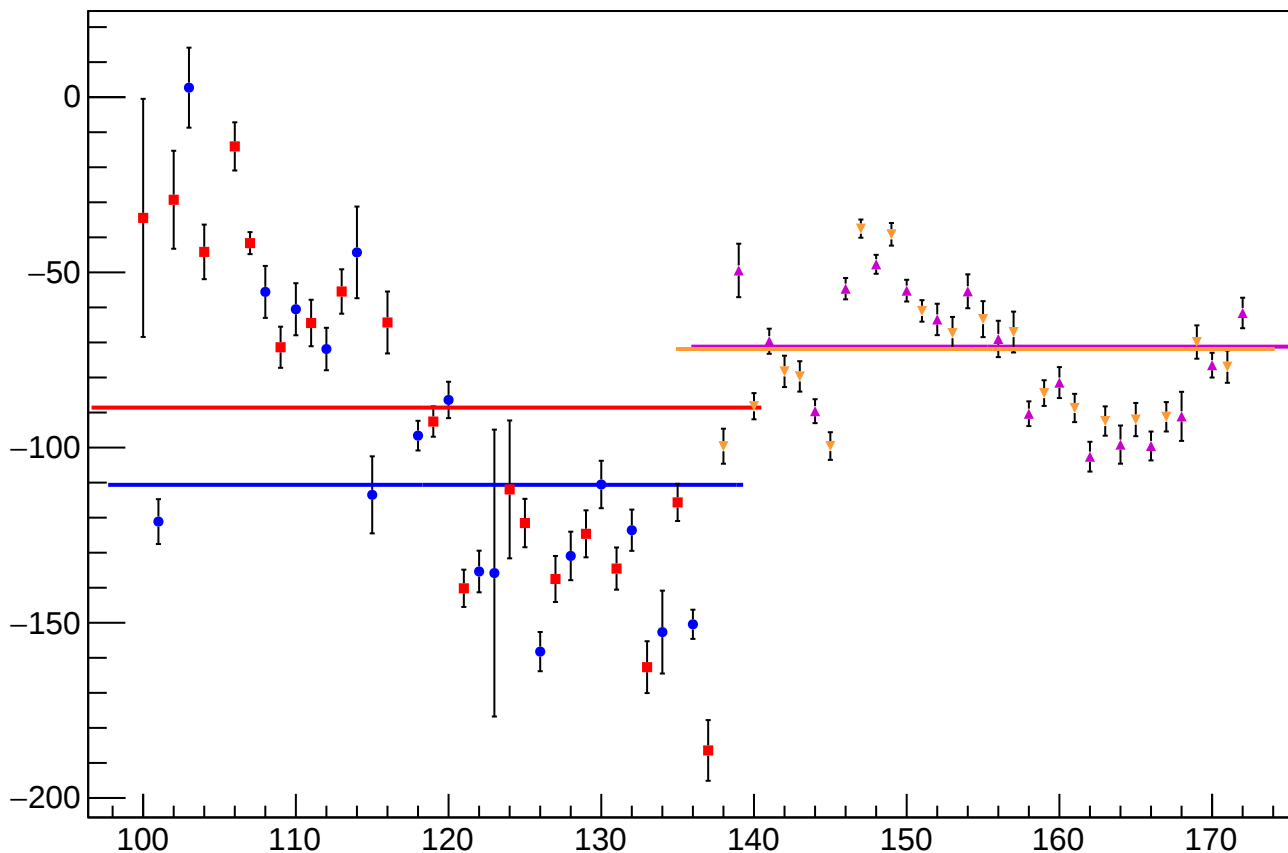
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -254.396 ± 1.042 $\chi^2/\text{NDF}: 2357.7/33$

Out: -247.644 ± 1.027 $\chi^2/\text{NDF}: 4314.1/36$

All: -250.972 ± 0.731 $\chi^2/\text{NDF}: 6693.2/70$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.877 ± 0.941 χ^2/NDF : 493.1/17

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -71.196 ± 0.957 χ^2/NDF : 361.3/16

Left: -71.542 ± 0.671 χ^2/NDF : 854.6/34

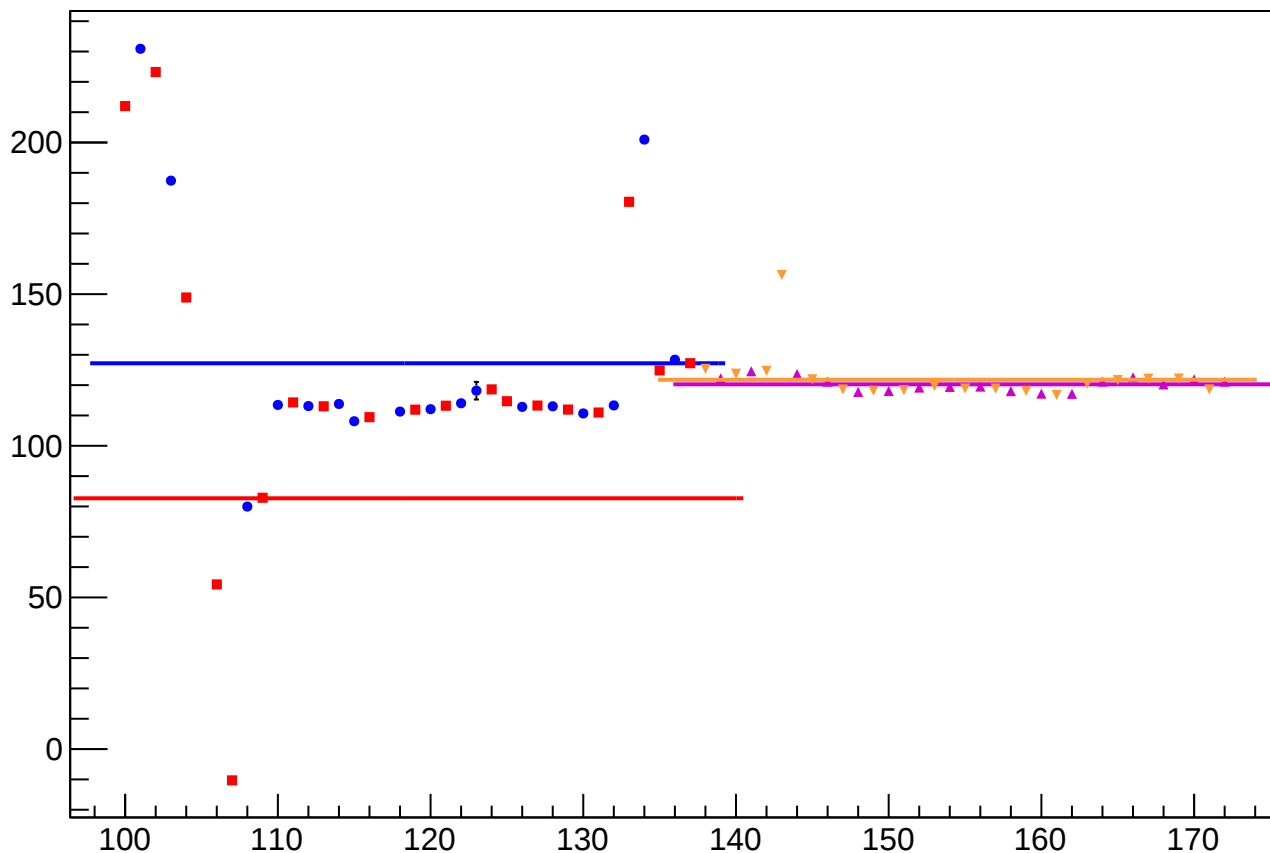
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -81.766 ± 0.819 χ^2/NDF : 1325.5/33

Out: -76.912 ± 0.787 χ^2/NDF : 1554.5/36

All: -79.243 ± 0.567 χ^2/NDF : 2898.4/70

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.782 $\pm$ 0.046 χ^2 /NDF: 27034.0/17

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.268 $\pm$ 0.045 χ^2 /NDF: 2528.7/16

Left: 121.016 $\pm$ 0.032 χ^2 /NDF: 30120.3/34

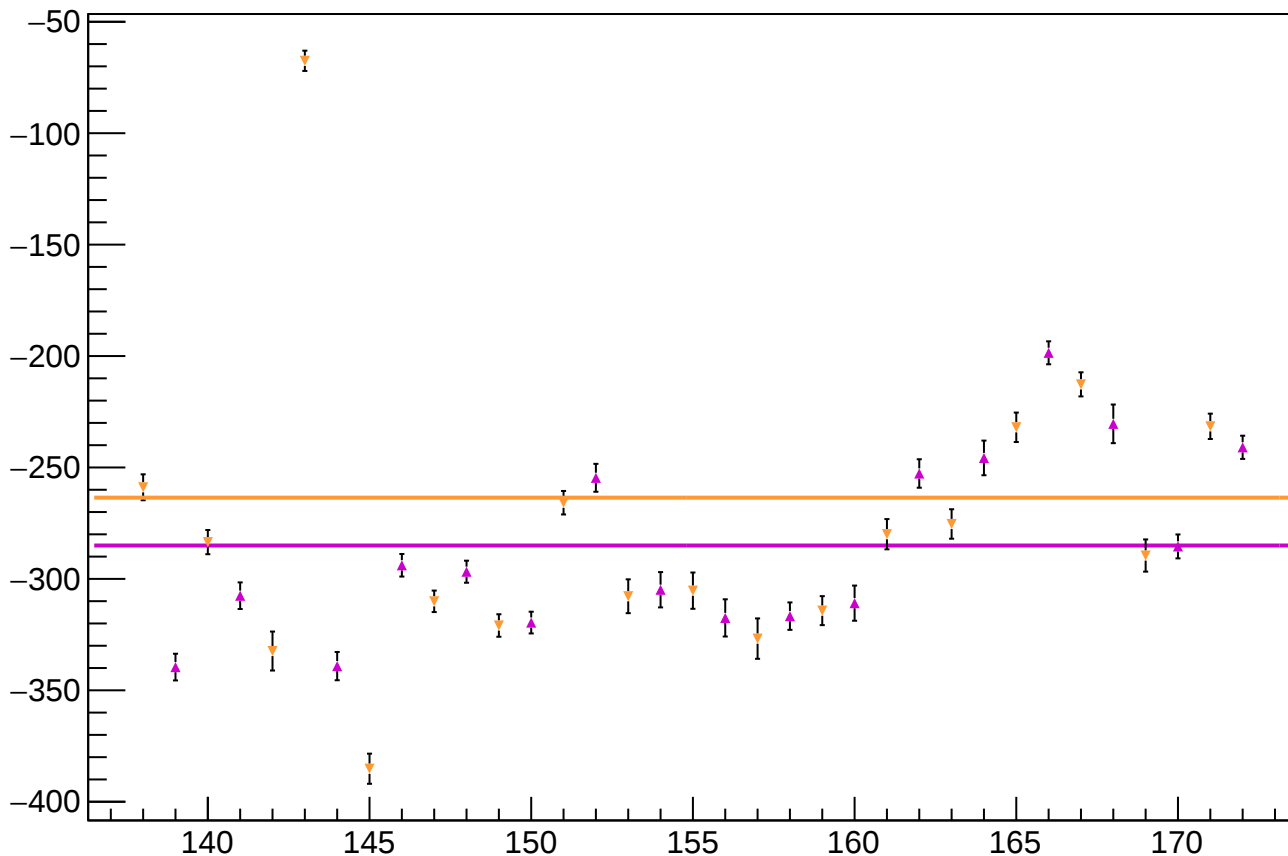
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.681 $\pm$ 0.040 χ^2 /NDF: 195377.9/33

Out: 111.290 $\pm$ 0.039 χ^2 /NDF: 990013.6/36

All: 116.325 $\pm$ 0.028 χ^2 /NDF: 1219783.8/70

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -263.542+/-1.436 χ^2/NDF :2813.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -285.022+/-1.467 χ^2/NDF :755.1/16

Left: -274.050+/-1.026 χ^2/NDF : 3677.5/34

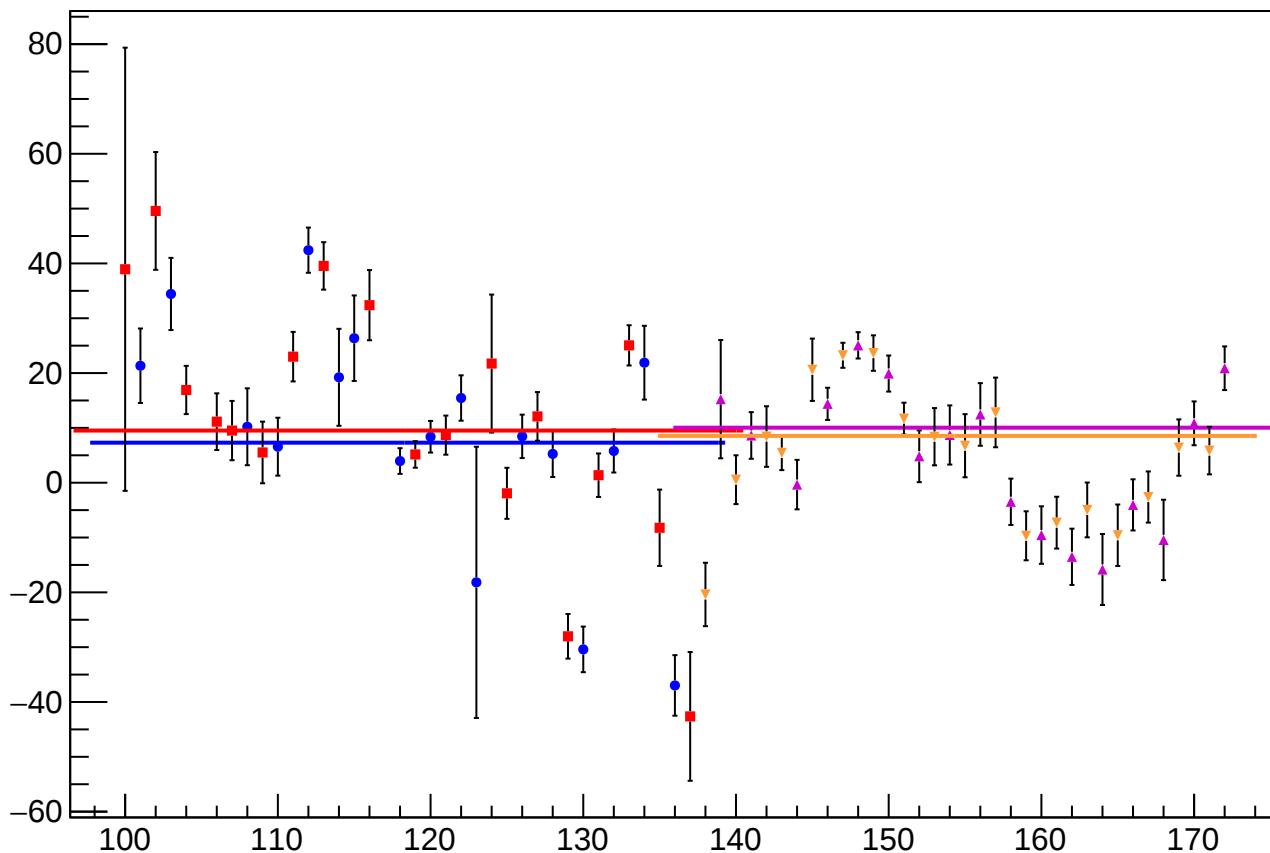
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -285.022+/-1.467 χ^2/NDF :755.1/16

Out: -263.542+/-1.436 χ^2/NDF :2813.0/17

All: -274.050+/-1.026 χ^2/NDF : 3677.5/34

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 8.538 ± 0.978 χ^2/NDF : 150.5/17

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 10.037 ± 1.026 χ^2/NDF : 143.0/16

Left: 9.251 ± 0.708 χ^2/NDF : 294.7/34

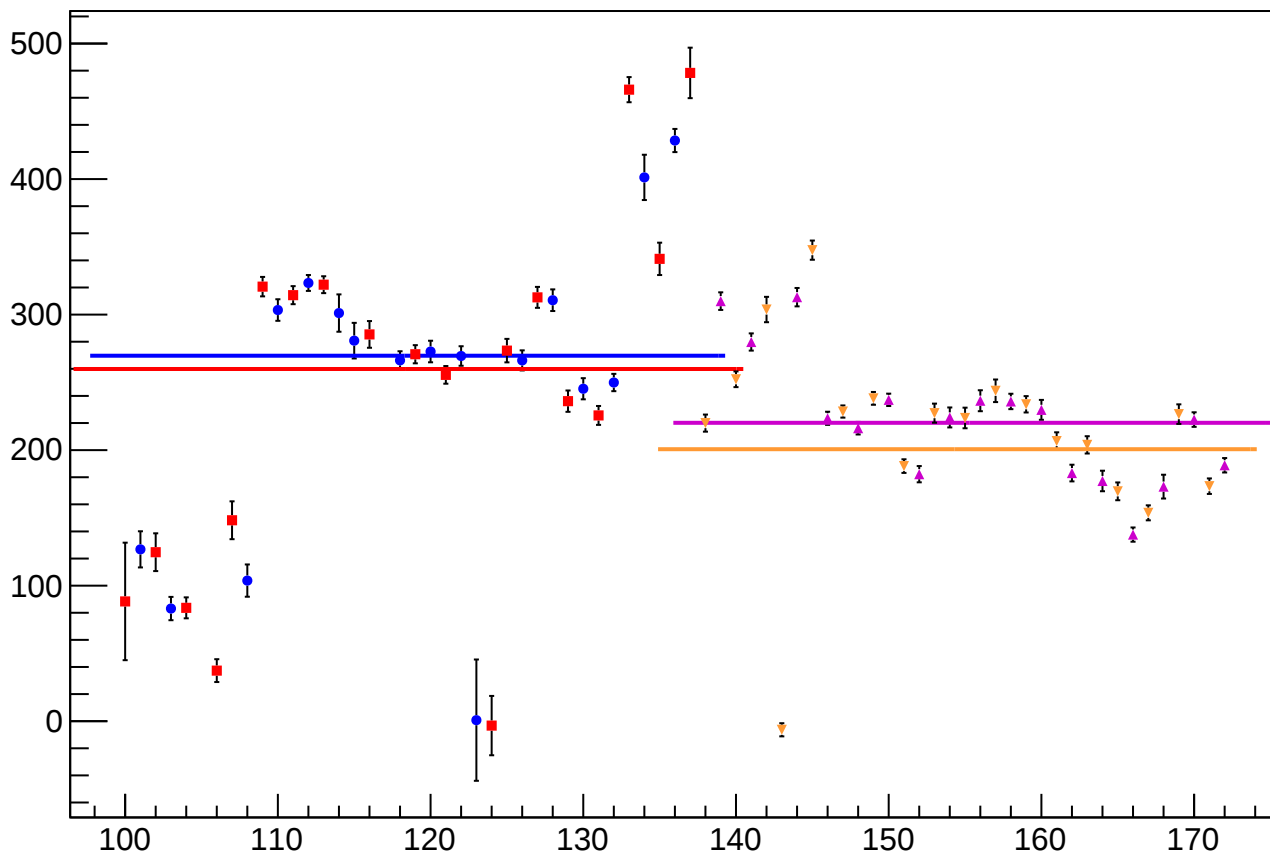
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.746 ± 0.746 χ^2/NDF : 407.0/33

Out: 8.981 ± 0.723 χ^2/NDF : 382.7/36

All: 8.867 ± 0.519 χ^2/NDF : 789.7/70

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 200.685 $\pm$ 1.420 χ^2 /NDF: 2778.8/17

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 220.161 $\pm$ 1.439 χ^2 /NDF: 914.2/16

Left: 210.294 $\pm$ 1.011 χ^2 /NDF: 3785.8/34

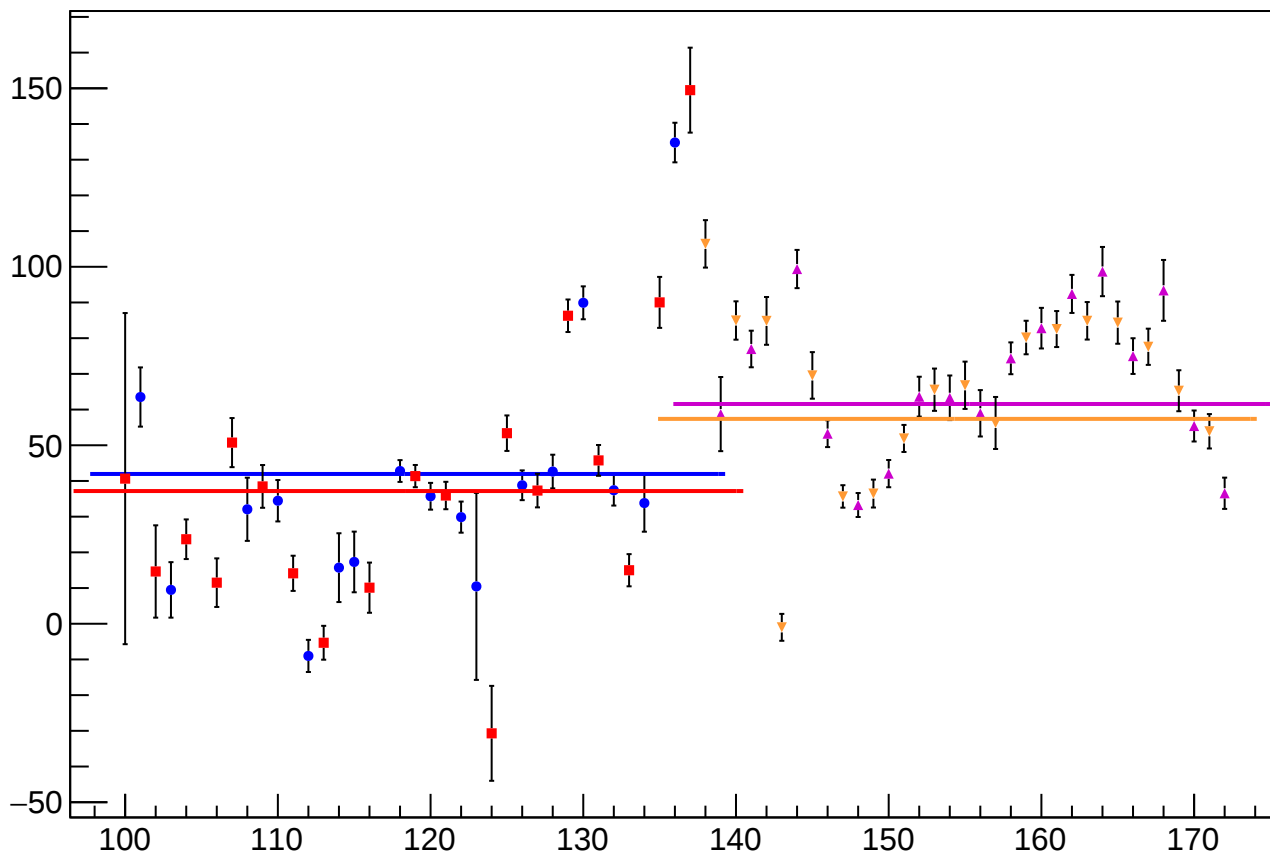
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 236.225 $\pm$ 1.183 χ^2 /NDF: 2674.8/33

Out: 220.830 $\pm$ 1.153 χ^2 /NDF: 5913.8/36

All: 228.334 $\pm$ 0.826 χ^2 /NDF: 8675.4/70

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 57.392 $\pm$ 1.161 χ^2 /NDF: 538.3/17

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.562 $\pm$ 1.206 χ^2 /NDF: 301.7/16

Left: 59.399 $\pm$ 0.836 χ^2 /NDF: 846.2/34

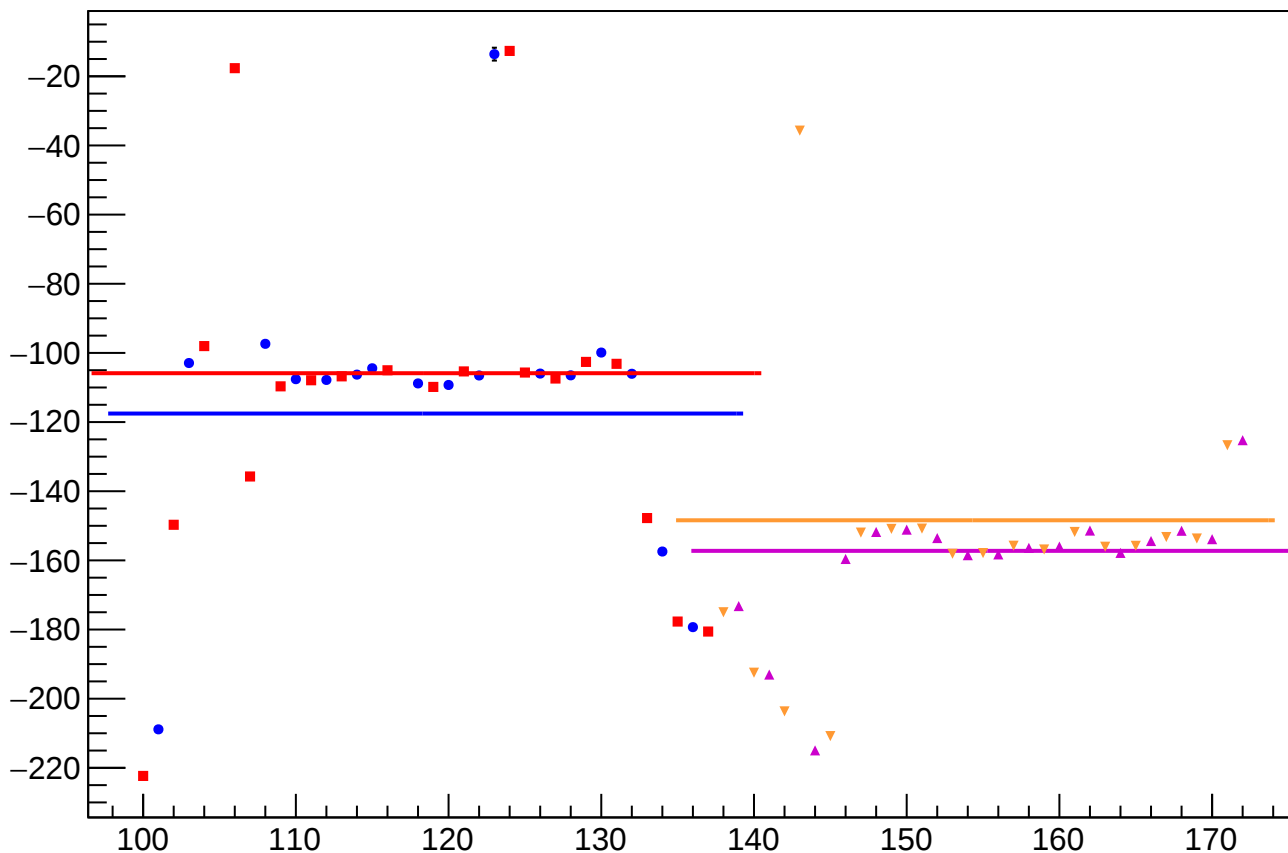
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.179 $\pm$ 0.870 χ^2 /NDF: 1002.5/33

Out: 47.908 $\pm$ 0.846 χ^2 /NDF: 1151.3/36

All: 49.983 $\pm$ 0.607 χ^2 /NDF: 2166.2/70

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -148.405+/-0.057 χ^2/NDF : 466913.1/17

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -157.246+/-0.057 χ^2/NDF : 93991.8/16

Left: -152.807+/-0.040 χ^2/NDF : 573094.6/34

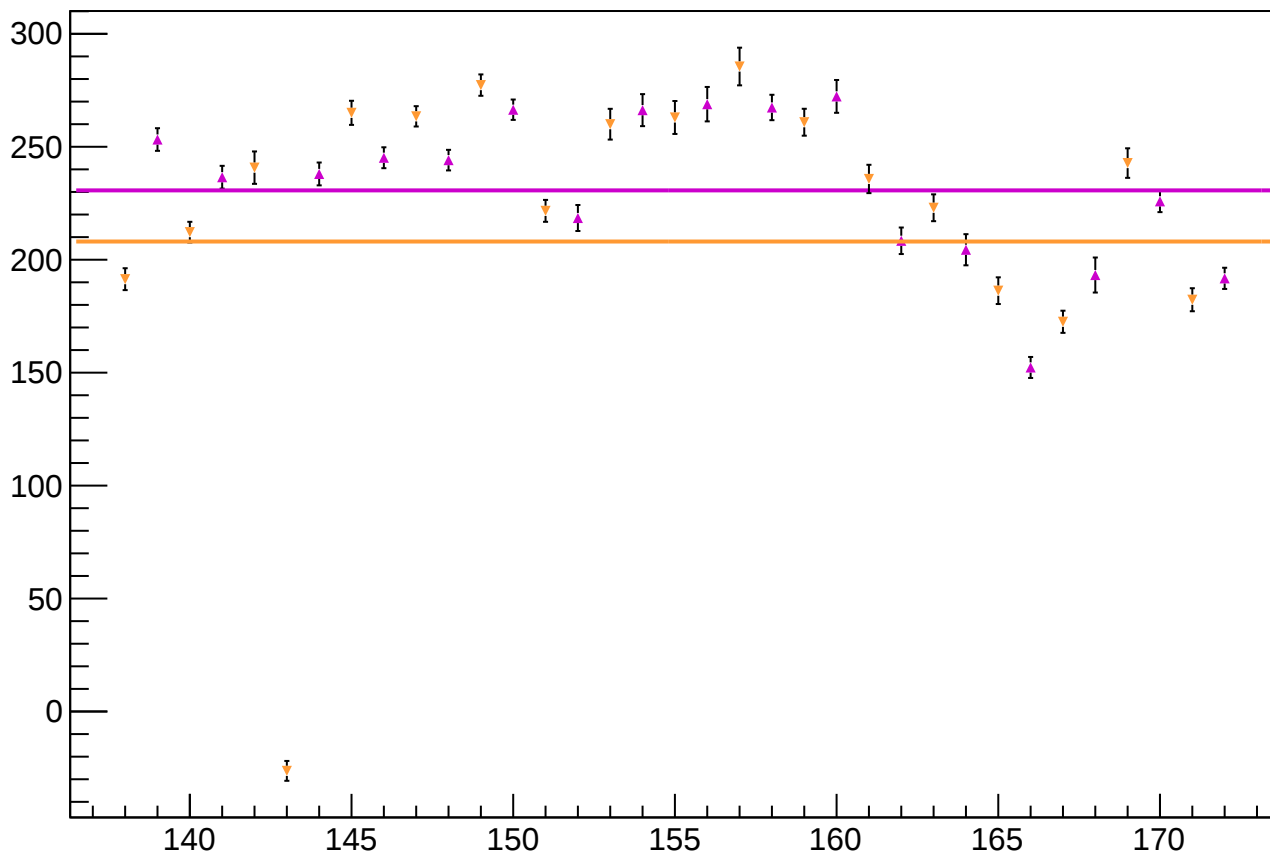
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.532+/-0.046 χ^2/NDF : 405193.3/33

Out: -132.407+/-0.045 χ^2/NDF : 1004384.3/36

All: -137.812+/-0.032 χ^2/NDF : 1439766.1/70

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 208.059 $\pm$ 1.289 χ^2/NDF :3789.5/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 230.697 $\pm$ 1.310 χ^2/NDF :641.6/16

Left: 219.189 $\pm$ 0.919 χ^2/NDF : 4582.8/34

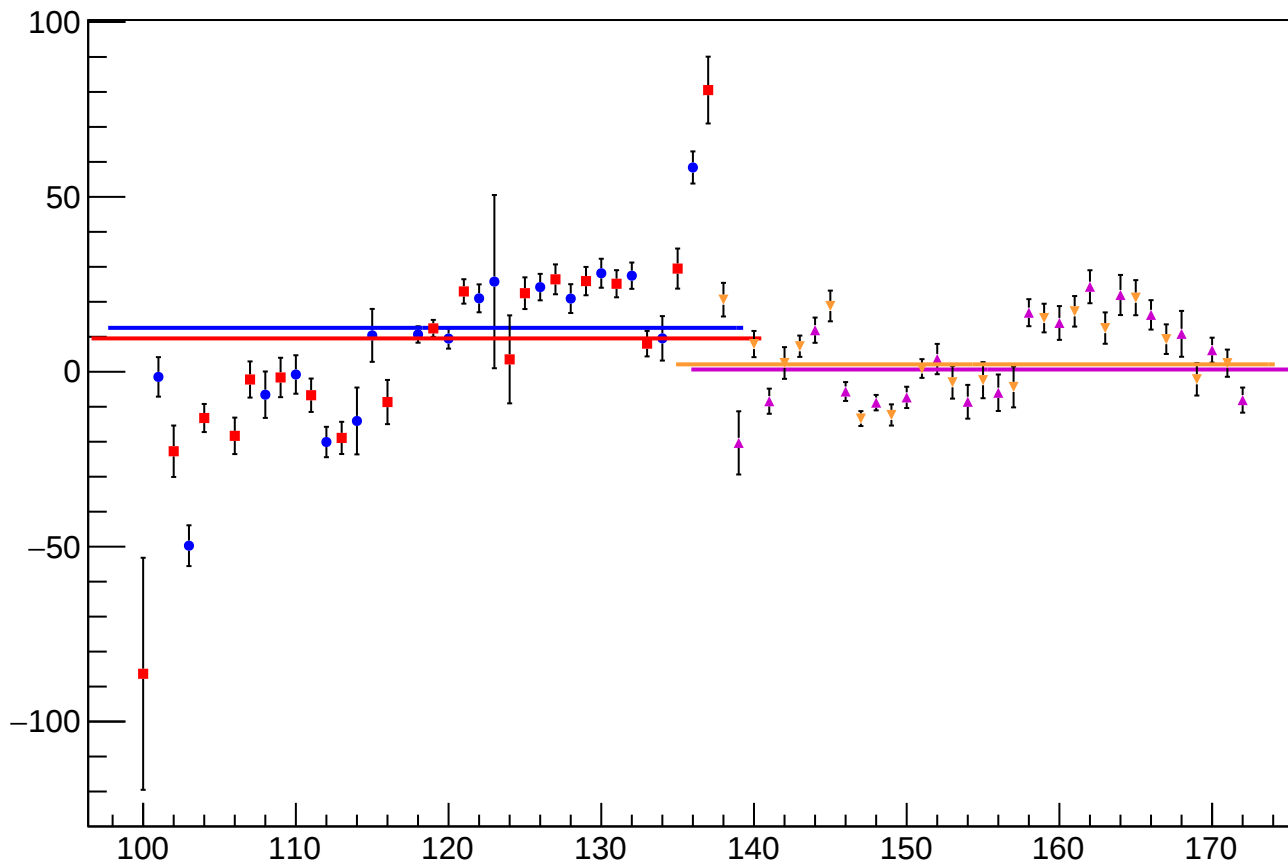
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 230.697 $\pm$ 1.310 χ^2/NDF :641.6/16

Out: 208.059 $\pm$ 1.289 χ^2/NDF :3789.5/17

All: 219.189 $\pm$ 0.919 χ^2/NDF : 4582.8/34

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.118+/-0.886 χ^2/NDF : 159.6/17

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 0.646+/-0.924 χ^2/NDF : 146.7/16

Left: 1.413+/-0.640 χ^2/NDF : 307.6/34

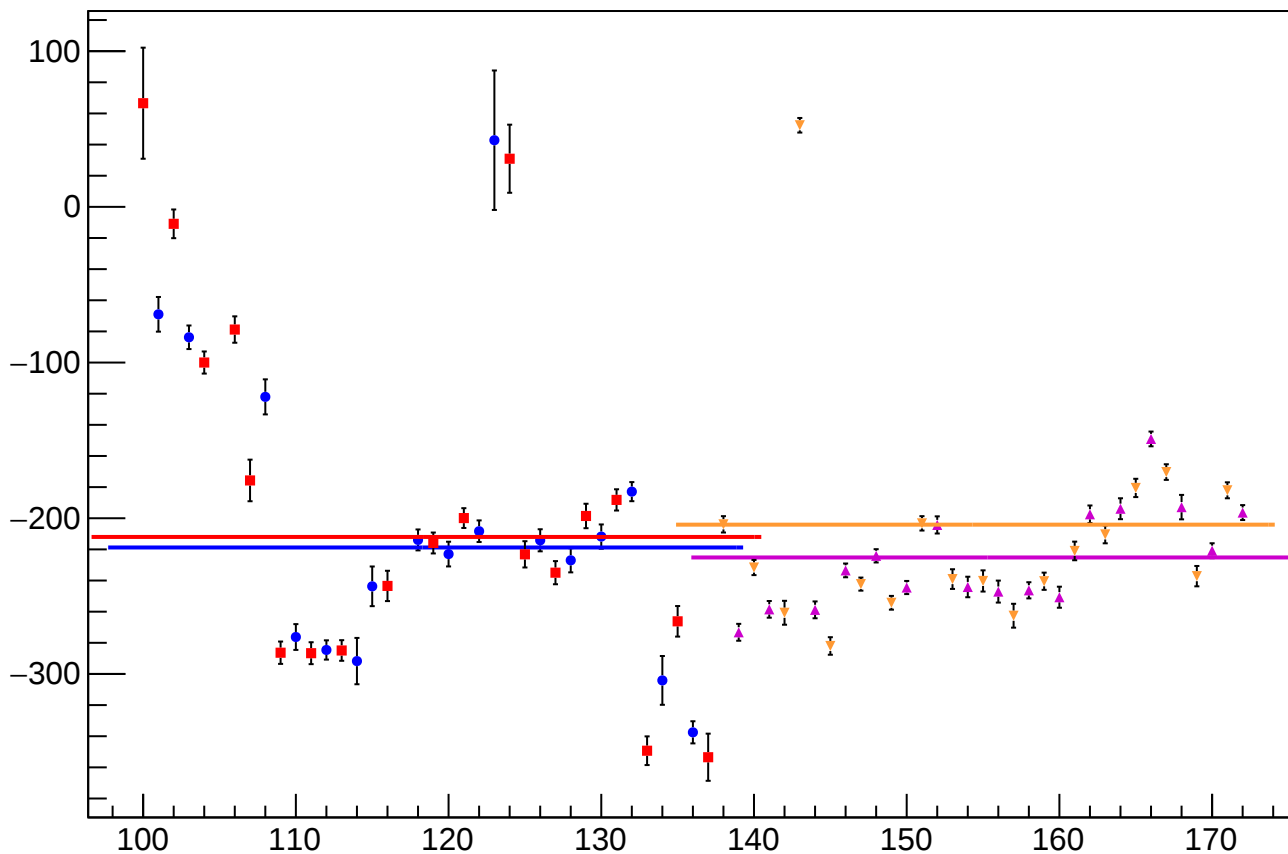
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.804+/-0.696 χ^2/NDF : 567.2/33

Out: 5.208+/-0.677 χ^2/NDF : 484.6/36

All: 5.498+/-0.485 χ^2/NDF : 1052.2/70

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -204.113 ± 1.278 $\chi^2/\text{NDF}: 3757.5/17$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -225.182 ± 1.289 $\chi^2/\text{NDF}: 601.7/16$

Left: -214.558 ± 0.908 $\chi^2/\text{NDF}: 4493.9/34$

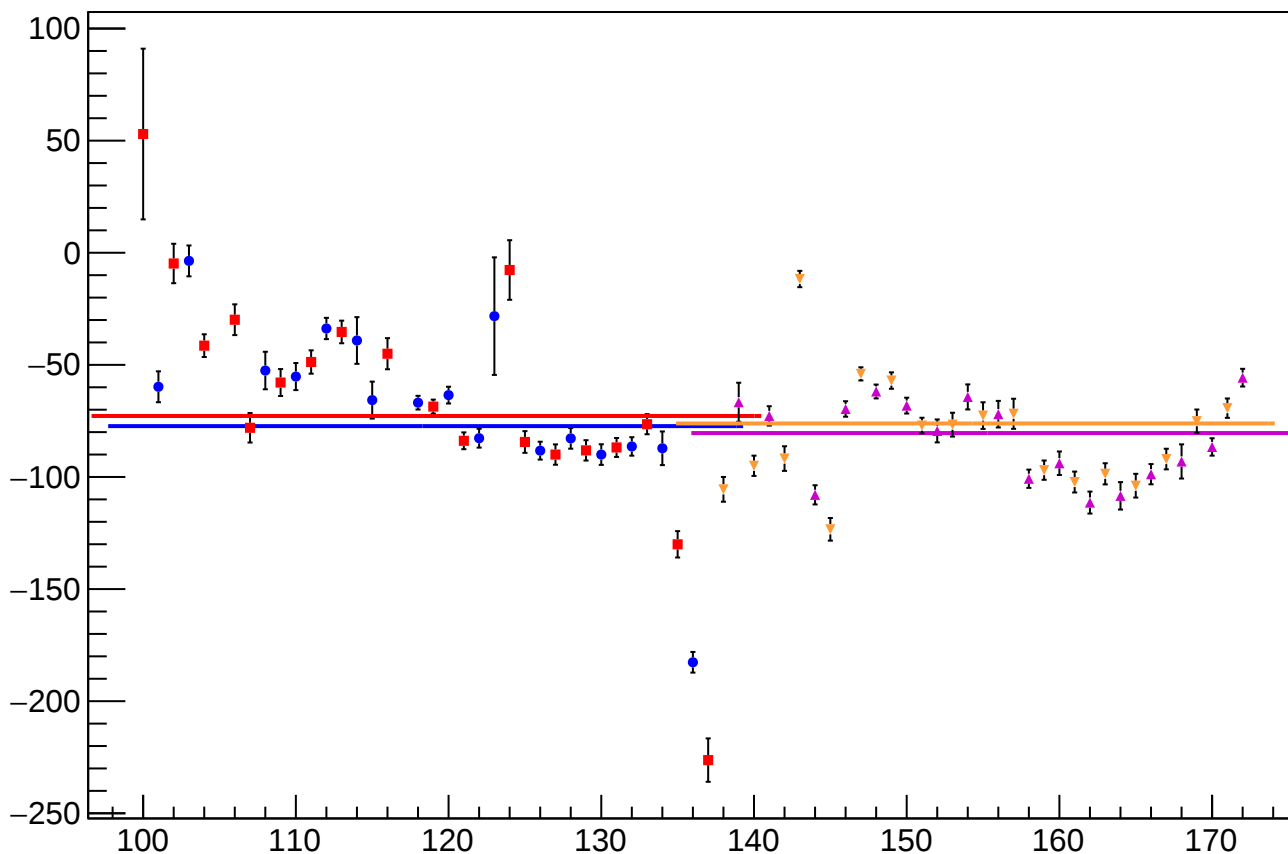
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -223.313 ± 1.085 $\chi^2/\text{NDF}: 1753.4/33$

Out: -206.531 ± 1.065 $\chi^2/\text{NDF}: 5654.9/36$

All: -214.761 ± 0.760 $\chi^2/\text{NDF}: 7530.1/70$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.127 ± 1.050 χ^2/NDF : 658.3/17

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.416 ± 1.084 χ^2/NDF : 268.9/16

Left: -78.204 ± 0.754 χ^2/NDF : 935.2/34

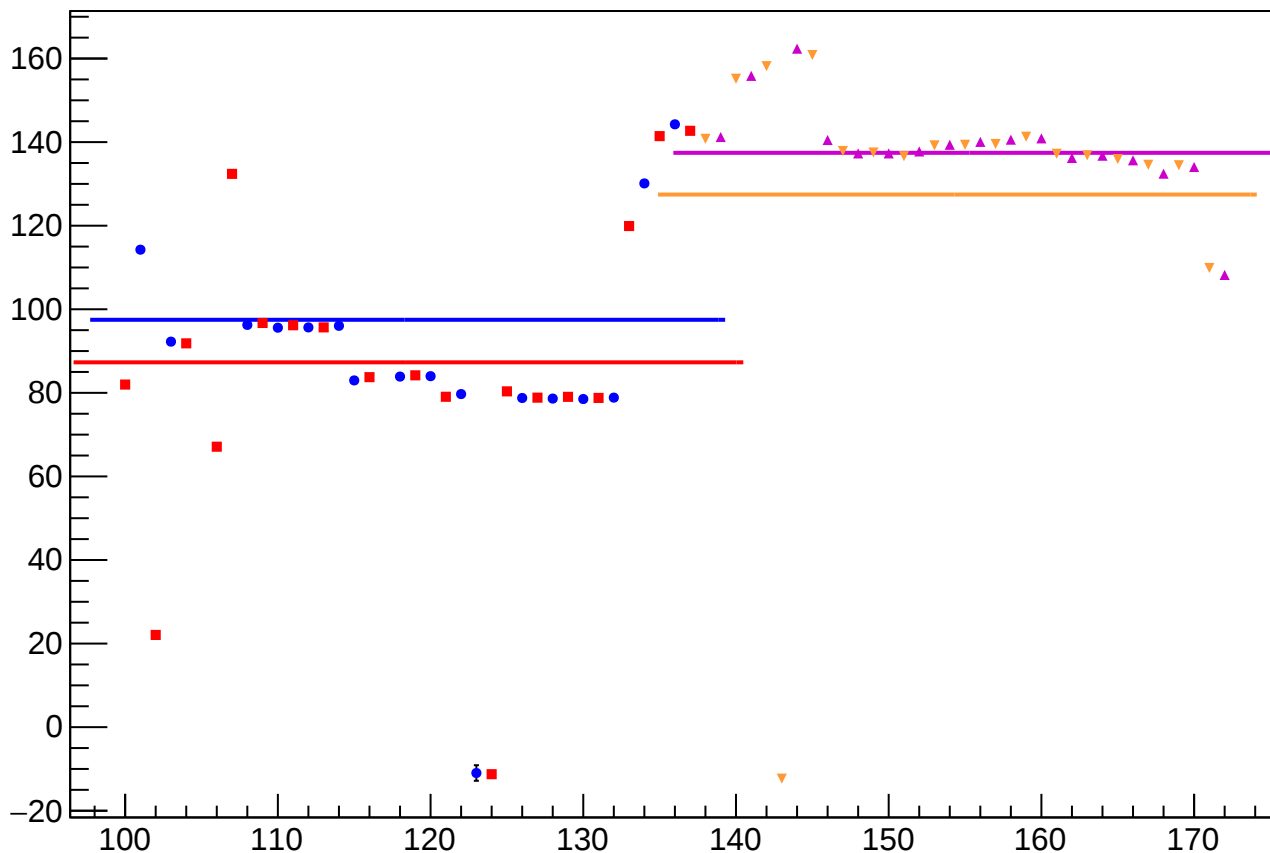
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.052 ± 0.811 χ^2/NDF : 1090.2/33

Out: -74.692 ± 0.792 χ^2/NDF : 1334.4/36

All: -76.822 ± 0.567 χ^2/NDF : 2439.3/70

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: 127.450+/-0.051 χ^2/NDF : 641260.0/17

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 137.436+/-0.051 χ^2/NDF : 49738.7/16

Left: 132.443+/-0.036 χ^2/NDF : 710308.8/34

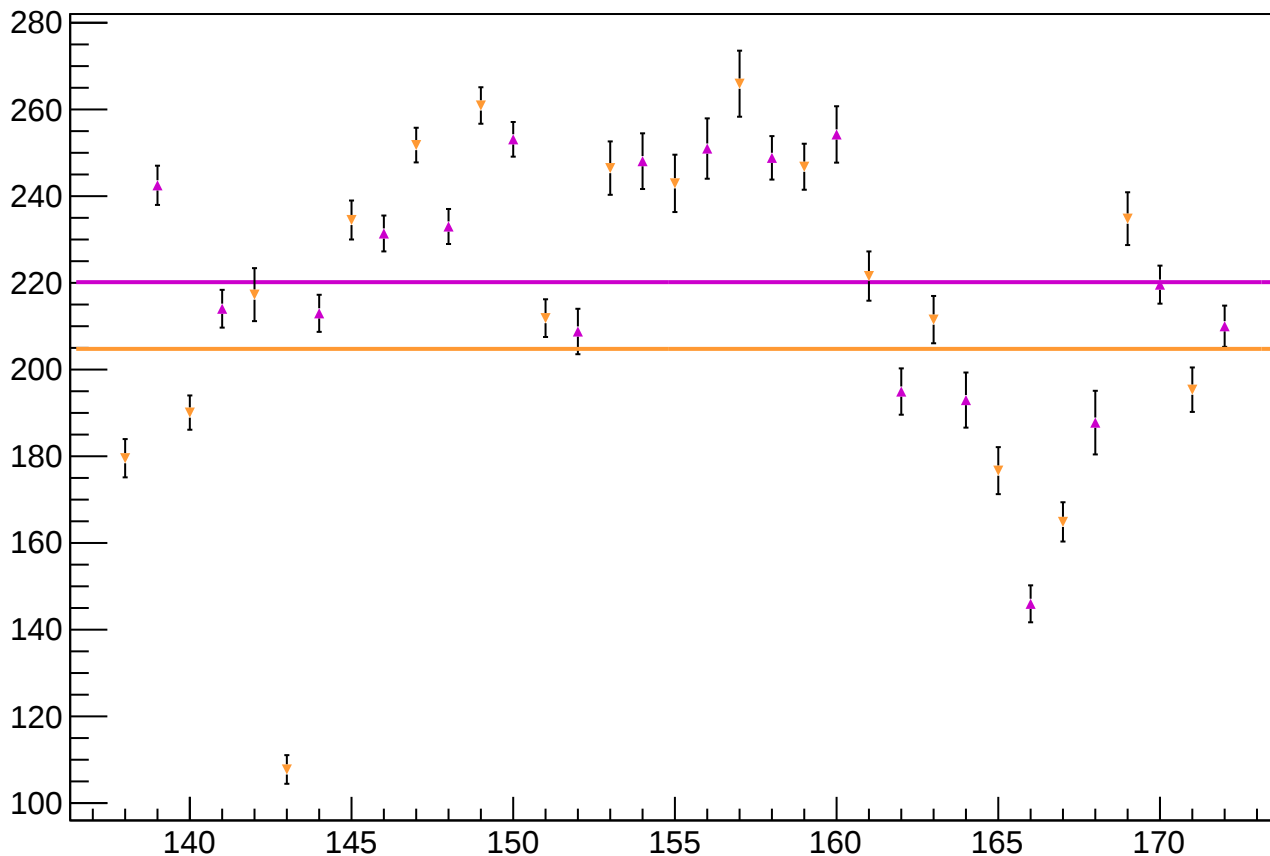
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.483+/-0.042 χ^2/NDF : 344544.0/33

Out: 113.123+/-0.041 χ^2/NDF : 1085925.6/36

All: 118.662+/-0.029 χ^2/NDF : 1468357.8/70

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.162+/-1.185 χ^2/NDF :585.4/16

Left: 212.174+/-0.822 χ^2/NDF : 2296.0/34

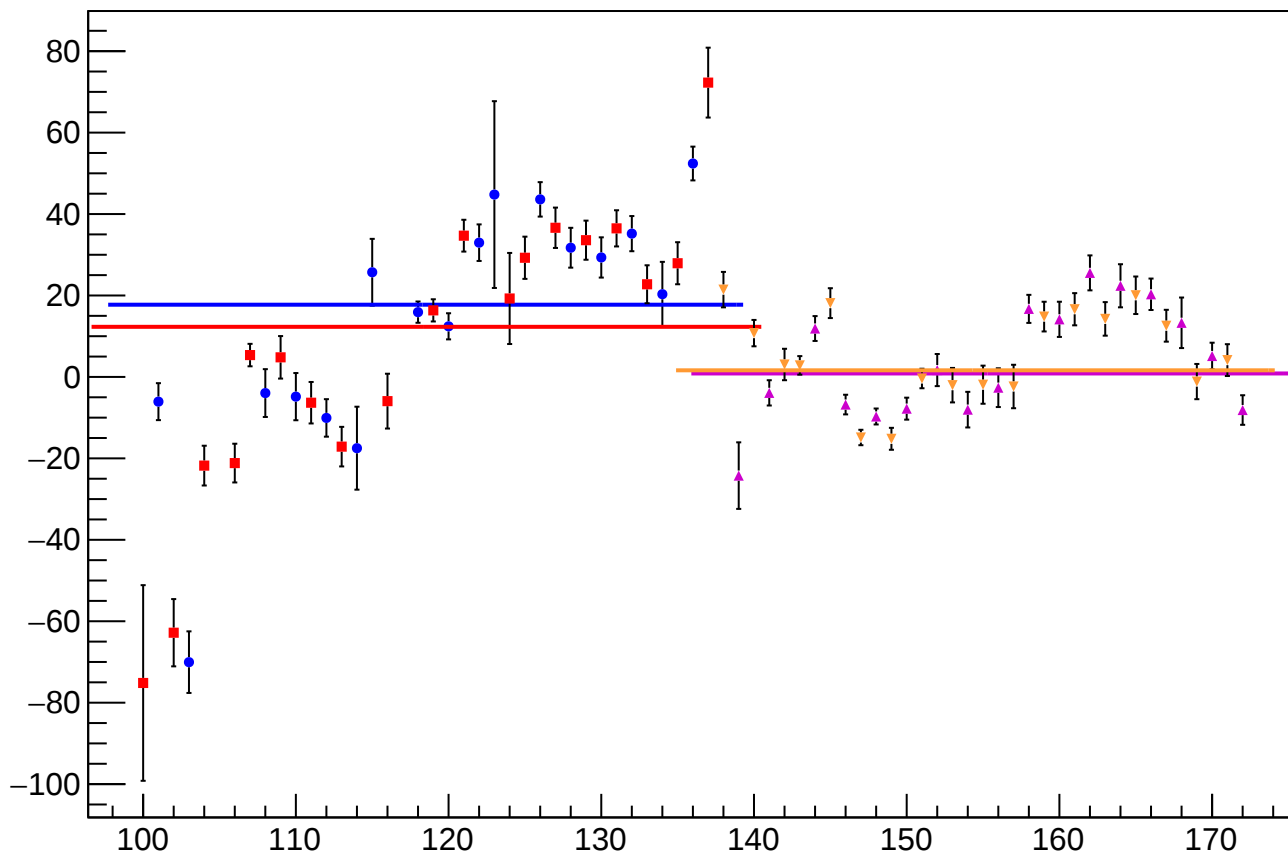
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.162+/-1.185 χ^2/NDF :585.4/16

Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

All: 212.174+/-0.822 χ^2/NDF : 2296.0/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 1.624 ± 0.781 $\chi^2/\text{NDF}: 228.3/17$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: 0.851 ± 0.831 $\chi^2/\text{NDF}: 196.5/16$

Left: 1.261 ± 0.569 $\chi^2/\text{NDF}: 425.3/34$

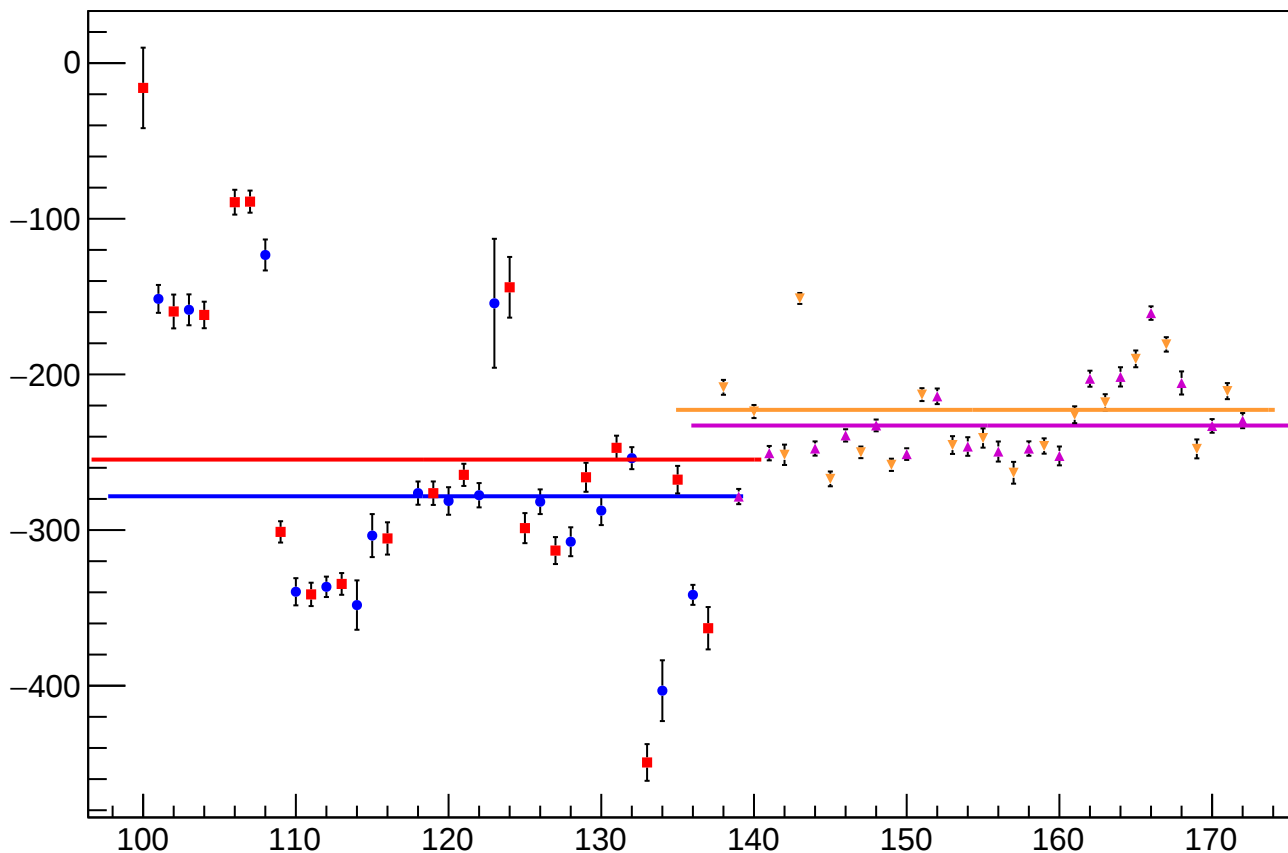
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 6.655 ± 0.673 $\chi^2/\text{NDF}: 732.3/33$

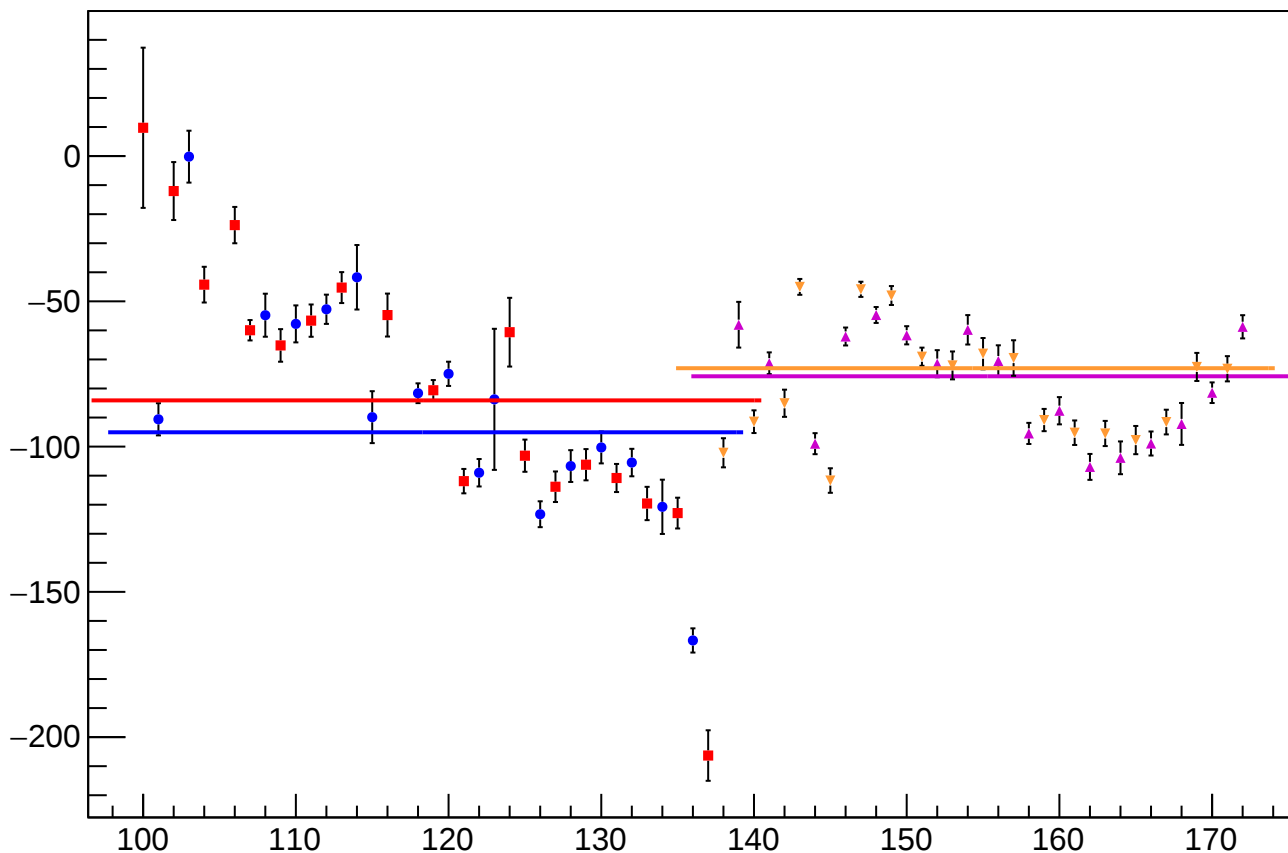
Out: 5.275 ± 0.634 $\chi^2/\text{NDF}: 734.7/36$

All: 5.923 ± 0.461 $\chi^2/\text{NDF}: 1469.3/70$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.019 ± 0.928 χ^2/NDF : 542.7/17

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -75.798 ± 0.978 χ^2/NDF : 325.3/16

Left: -74.337 ± 0.673 χ^2/NDF : 872.2/34

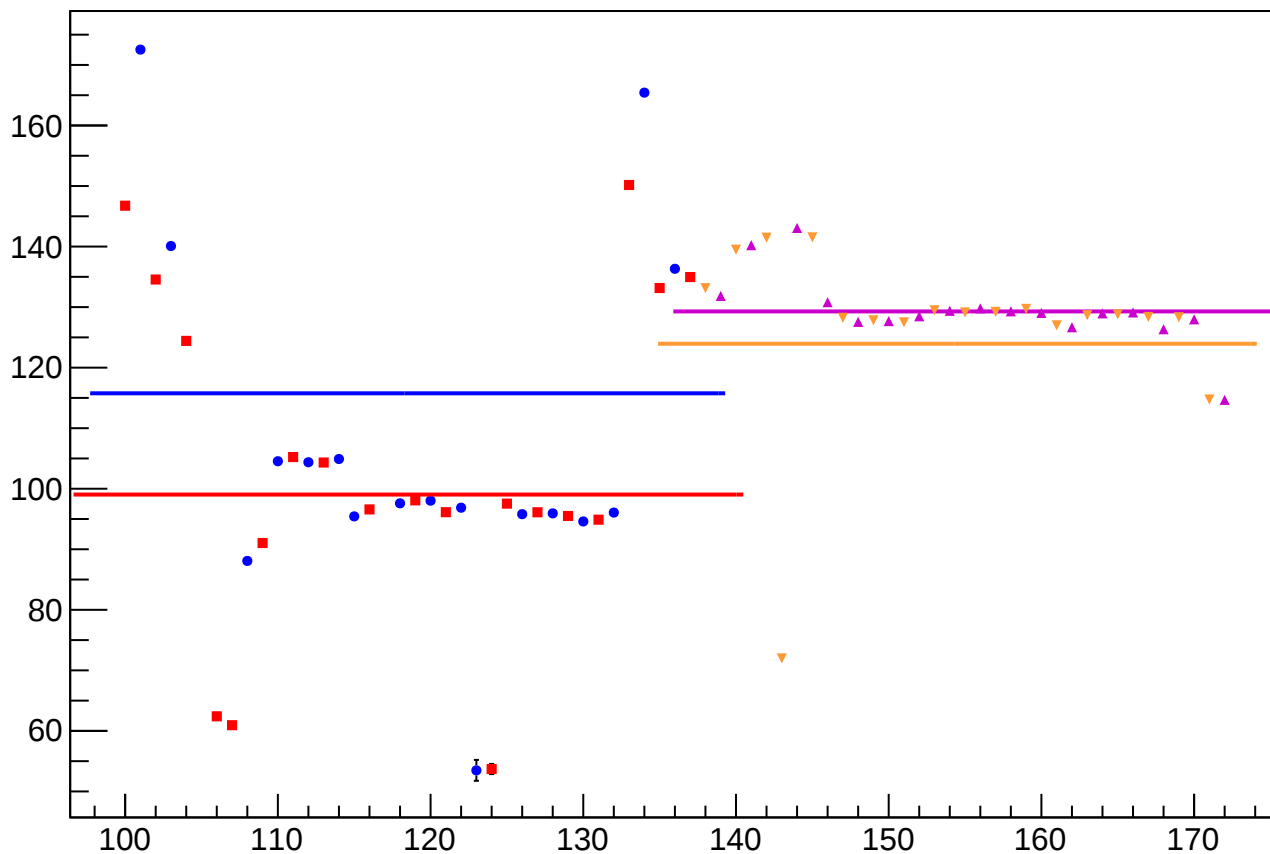
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.591 ± 0.787 χ^2/NDF : 1135.4/33

Out: -76.927 ± 0.747 χ^2/NDF : 1373.3/36

All: -79.611 ± 0.542 χ^2/NDF : 2536.0/70

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.950 $\pm$ 0.045 χ^2 /NDF:165984.4/17

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 129.286 $\pm$ 0.046 χ^2 /NDF:16154.8/16

Left: 126.570 $\pm$ 0.032 χ^2 /NDF: 188963.1/34

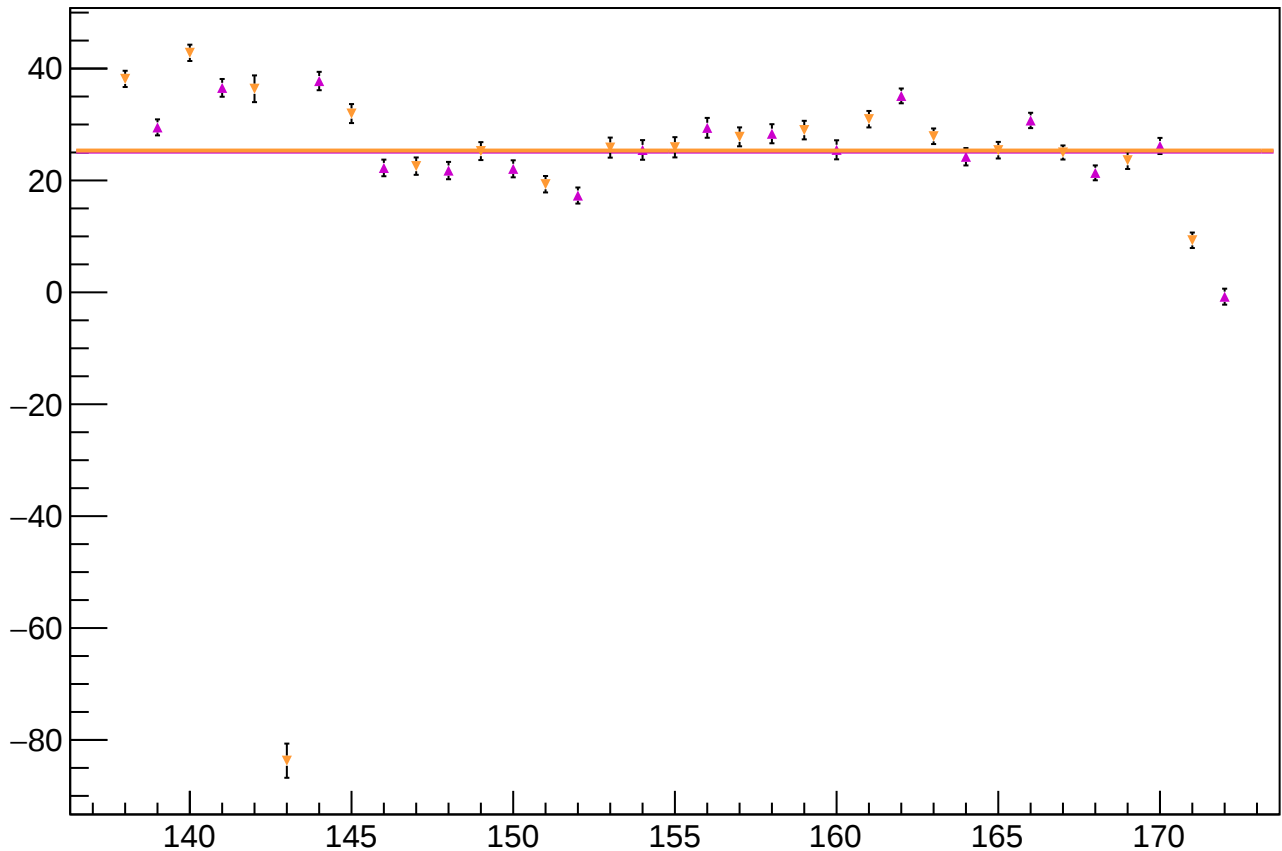
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.792 $\pm$ 0.040 χ^2 /NDF:144695.7/33

Out: 116.374 $\pm$ 0.038 χ^2 /NDF:431568.4/36

All: 120.848 $\pm$ 0.027 χ^2 /NDF: 605814.9/70

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.342+/-0.373 χ^2/NDF :1712.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.155+/-0.367 χ^2/NDF :582.5/16

Left: 25.247+/-0.262 χ^2/NDF : 2294.7/34

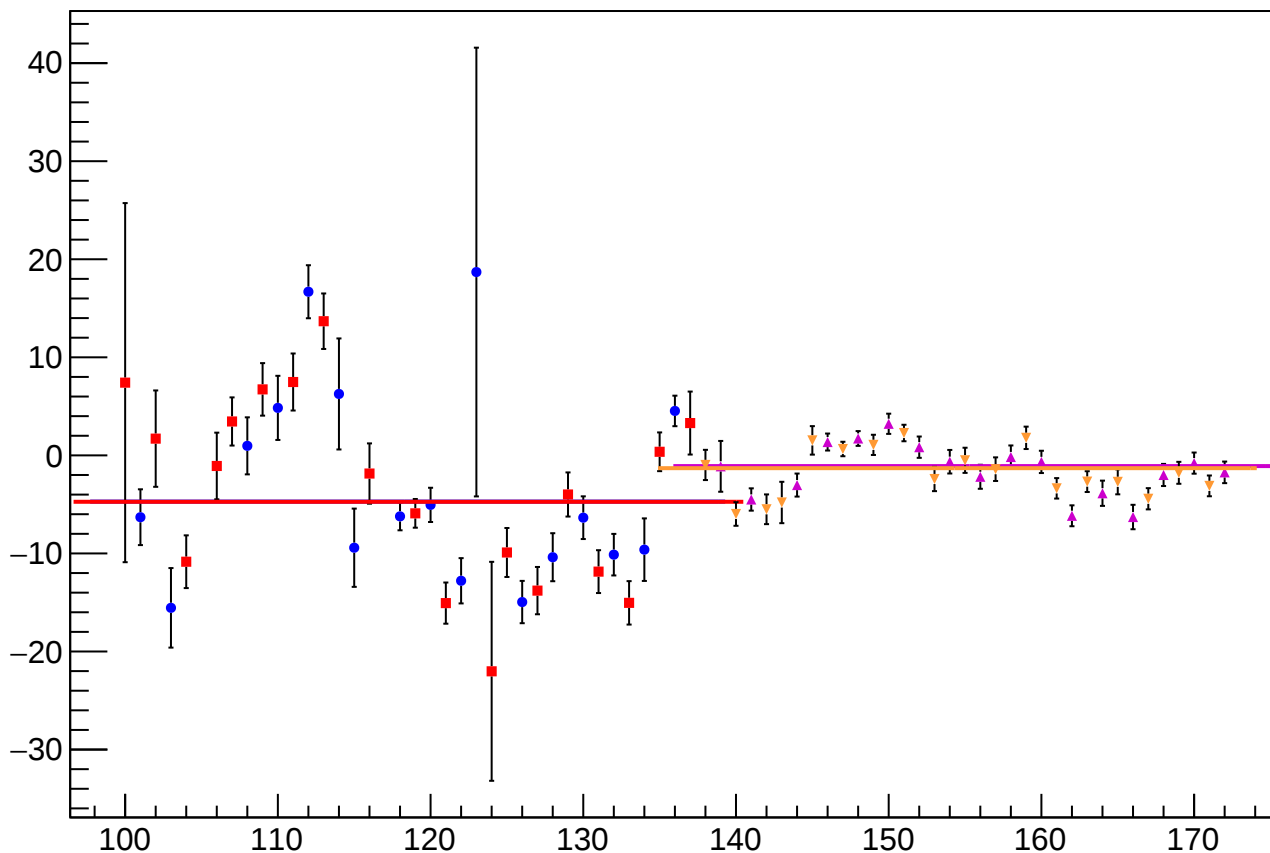
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.155+/-0.367 χ^2/NDF :582.5/16

Out: 25.342+/-0.373 χ^2/NDF :1712.1/17

All: 25.247+/-0.262 χ^2/NDF : 2294.7/34

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.305 ± 0.266 χ^2/NDF : 86.5/17

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.092 ± 0.267 χ^2/NDF : 101.7/16

Left: -1.199 ± 0.189 χ^2/NDF : 188.6/34

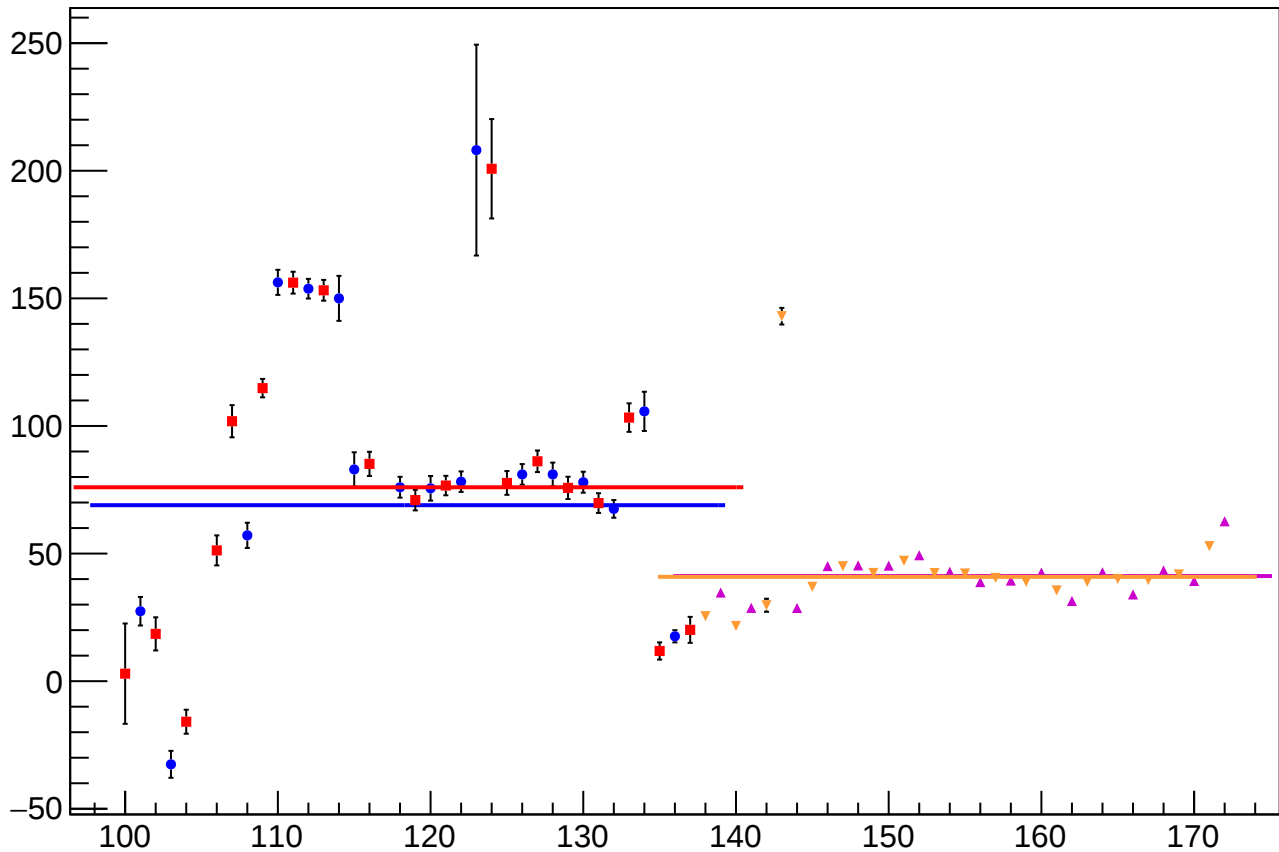
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.726 ± 0.243 χ^2/NDF : 308.5/33

Out: -1.892 ± 0.242 χ^2/NDF : 304.7/36

All: -1.809 ± 0.172 χ^2/NDF : 613.4/70

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: 40.885 ± 0.367 χ^2/NDF : 1379.9/17

Right Out: 75.982 ± 1.069 χ^2/NDF : 1894.8/18

Left In: 41.191 ± 0.361 χ^2/NDF : 493.0/16

Left: 41.041 ± 0.257 χ^2/NDF : 1873.2/34

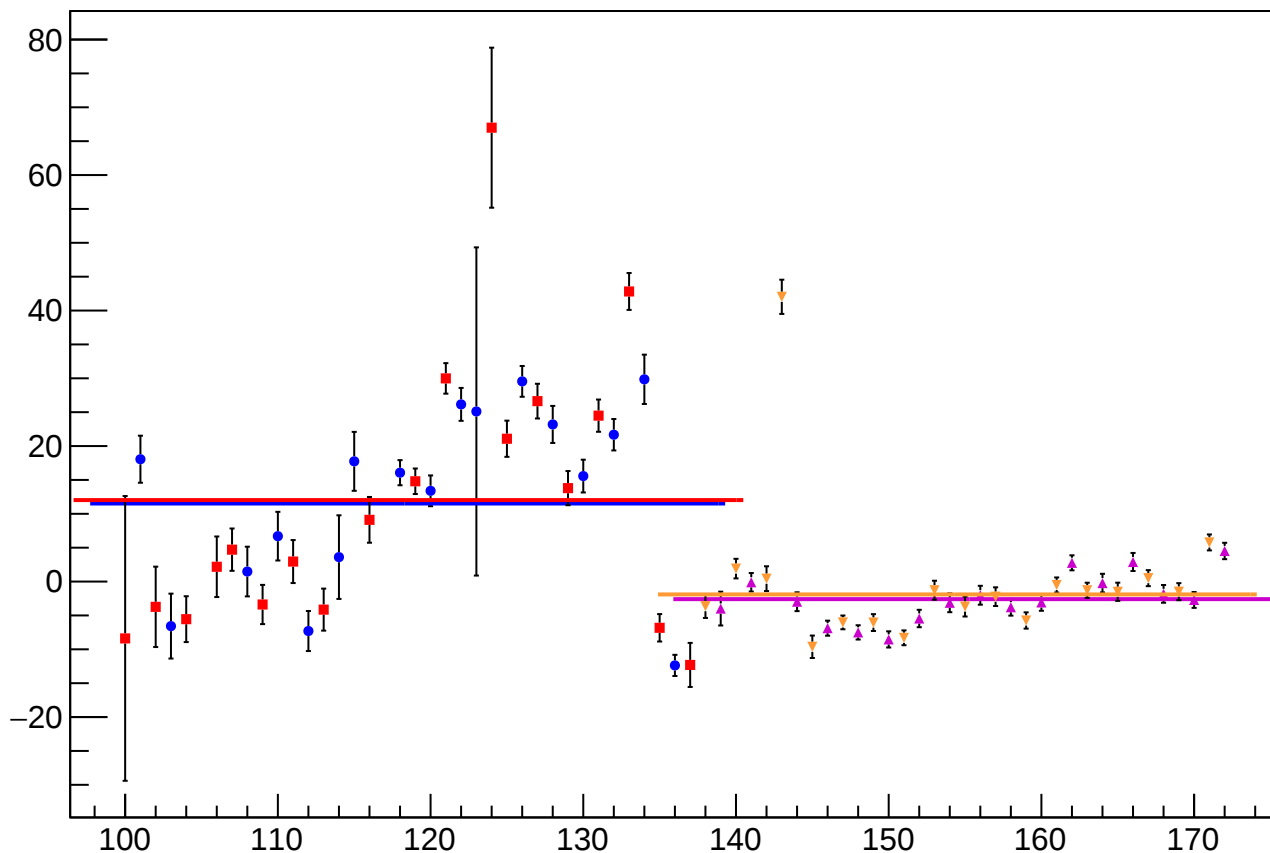
Right: 72.502 ± 0.760 χ^2/NDF : 3760.2/35

In: 43.981 ± 0.342 χ^2/NDF : 2932.8/33

Out: 44.591 ± 0.348 χ^2/NDF : 4238.1/36

All: 44.281 ± 0.244 χ^2/NDF : 7172.5/70

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -1.899 $\pm$ 0.308 χ^2 /NDF:456.7/17

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -2.596 $\pm$ 0.309 χ^2 /NDF:149.7/16

Left: -2.247 $\pm$ 0.218 χ^2 /NDF: 608.9/34

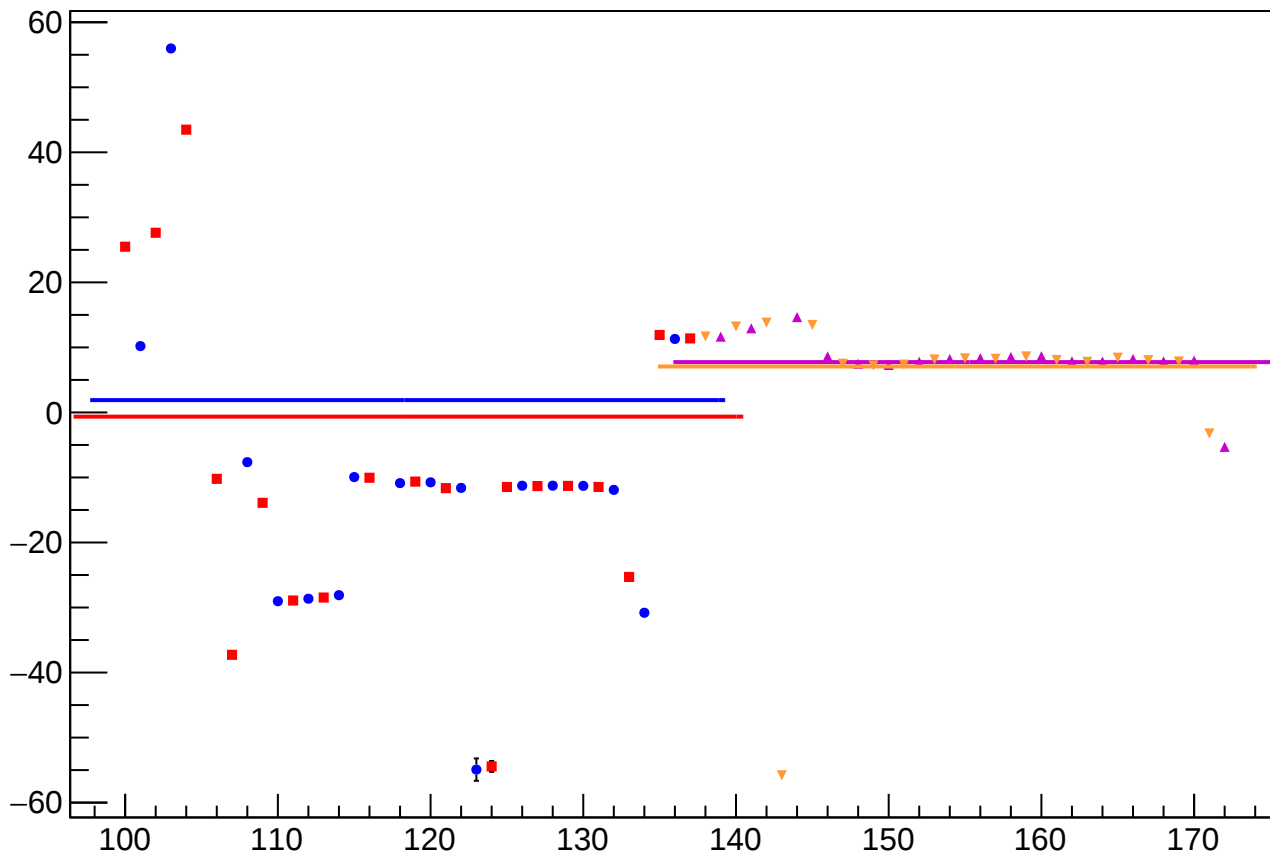
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: -0.059 $\pm$ 0.280 χ^2 /NDF:1002.4/33

Out: 0.571 $\pm$ 0.280 χ^2 /NDF:1357.9/36

All: 0.256 $\pm$ 0.198 χ^2 /NDF: 2362.8/70

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.065 ± 0.014 χ^2/NDF : 304401.2/17

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 7.740 ± 0.014 χ^2/NDF : 83250.6/16

Left: 7.409 ± 0.010 χ^2/NDF : 388791.0/34

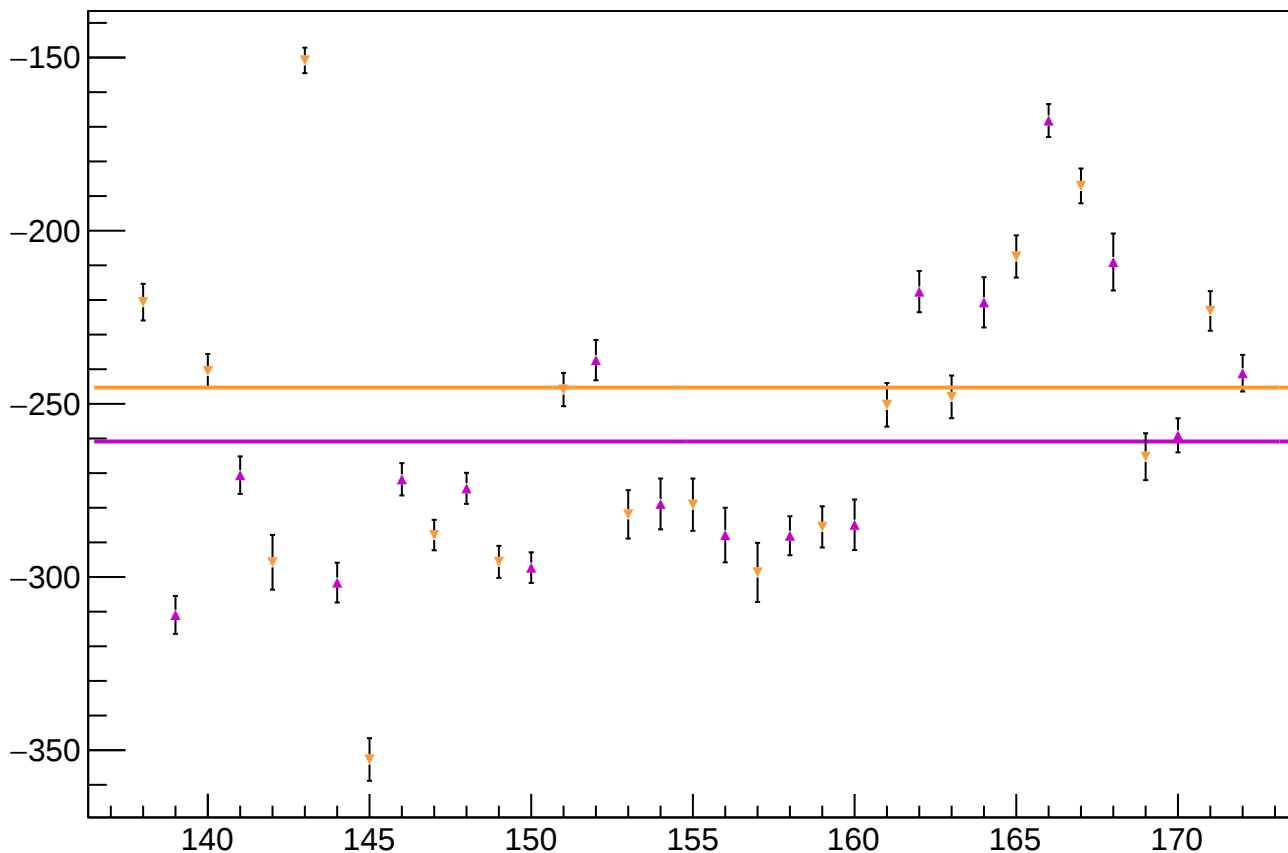
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.008 ± 0.013 χ^2/NDF : 463878.1/33

Out: 6.067 ± 0.013 χ^2/NDF : 703713.6/36

All: 6.546 ± 0.009 χ^2/NDF : 1170125.1/70

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -260.860+/-1.358 χ^2/NDF :806.8/16

Left: -252.776+/-0.942 χ^2/NDF : 2445.4/34

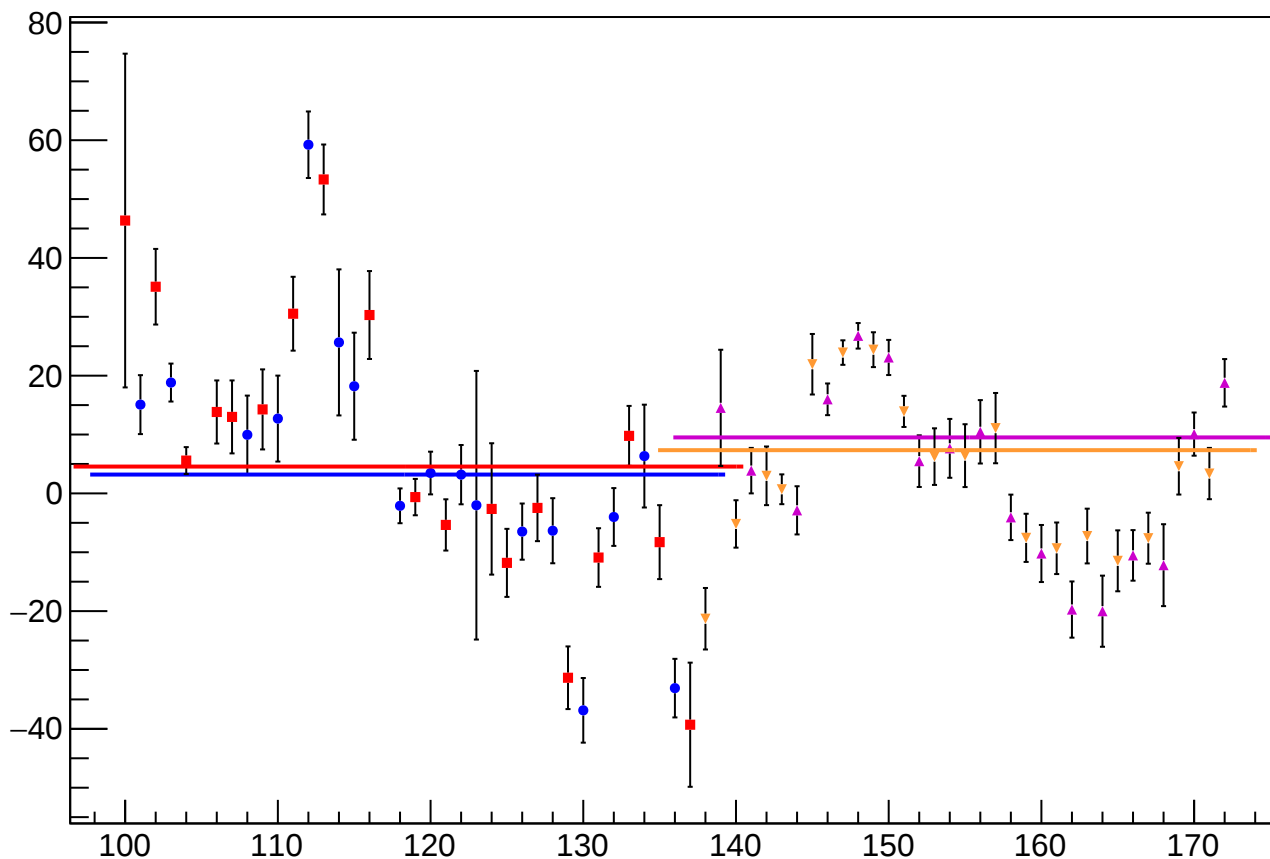
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.860+/-1.358 χ^2/NDF :806.8/16

Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

All: -252.776+/-0.942 χ^2/NDF : 2445.4/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 7.342 ± 0.887 χ^2/NDF : 222.6/17

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 9.509 ± 0.946 χ^2/NDF : 229.4/16

Left: 8.356 ± 0.647 χ^2/NDF : 454.8/34

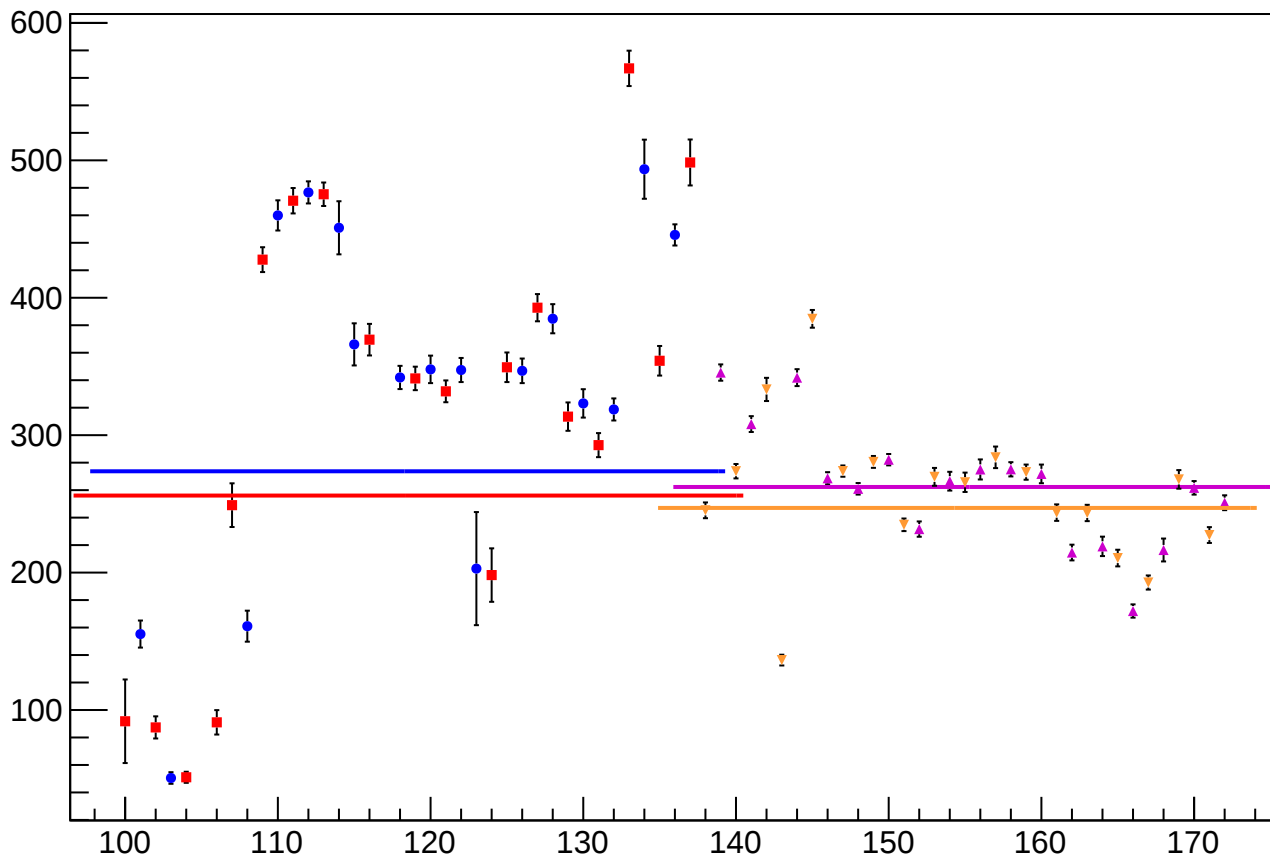
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 7.158 ± 0.749 χ^2/NDF : 501.2/33

Out: 6.313 ± 0.704 χ^2/NDF : 450.2/36

All: 6.709 ± 0.513 χ^2/NDF : 952.0/70

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 247.056 $\pm$ 1.295 χ^2 /NDF:1725.2/17

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 262.302 $\pm$ 1.331 χ^2 /NDF:984.8/16

Left: 254.470 $\pm$ 0.928 χ^2 /NDF: 2777.4/34

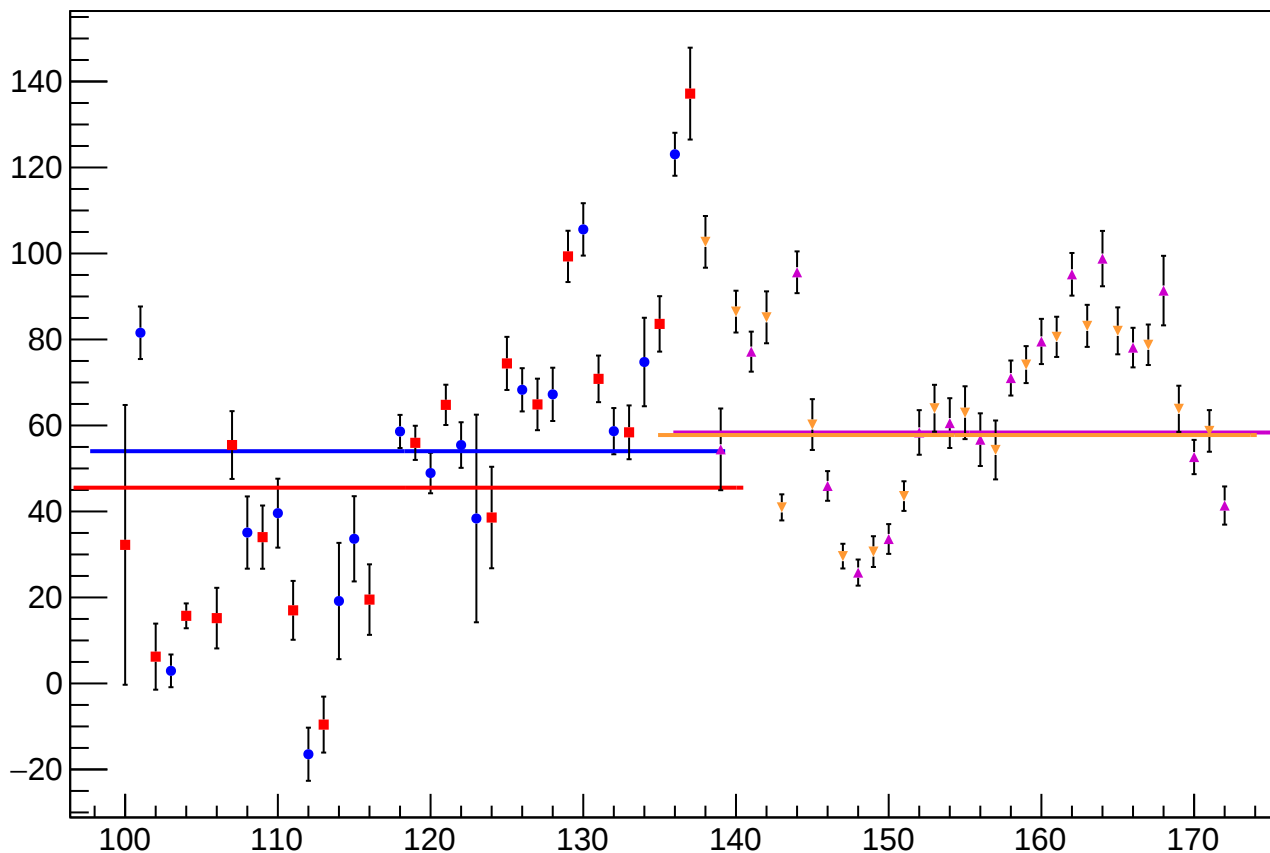
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 265.371 $\pm$ 1.138 χ^2 /NDF:6107.9/33

Out: 249.571 $\pm$ 1.099 χ^2 /NDF:8179.7/36

All: 257.197 $\pm$ 0.790 χ^2 /NDF: 14387.3/70

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 57.774 $\pm$ 1.056 χ^2 /NDF:421.2/17

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 58.364 $\pm$ 1.114 χ^2 /NDF:426.9/16

Left: 58.053 $\pm$ 0.766 χ^2 /NDF: 848.2/34

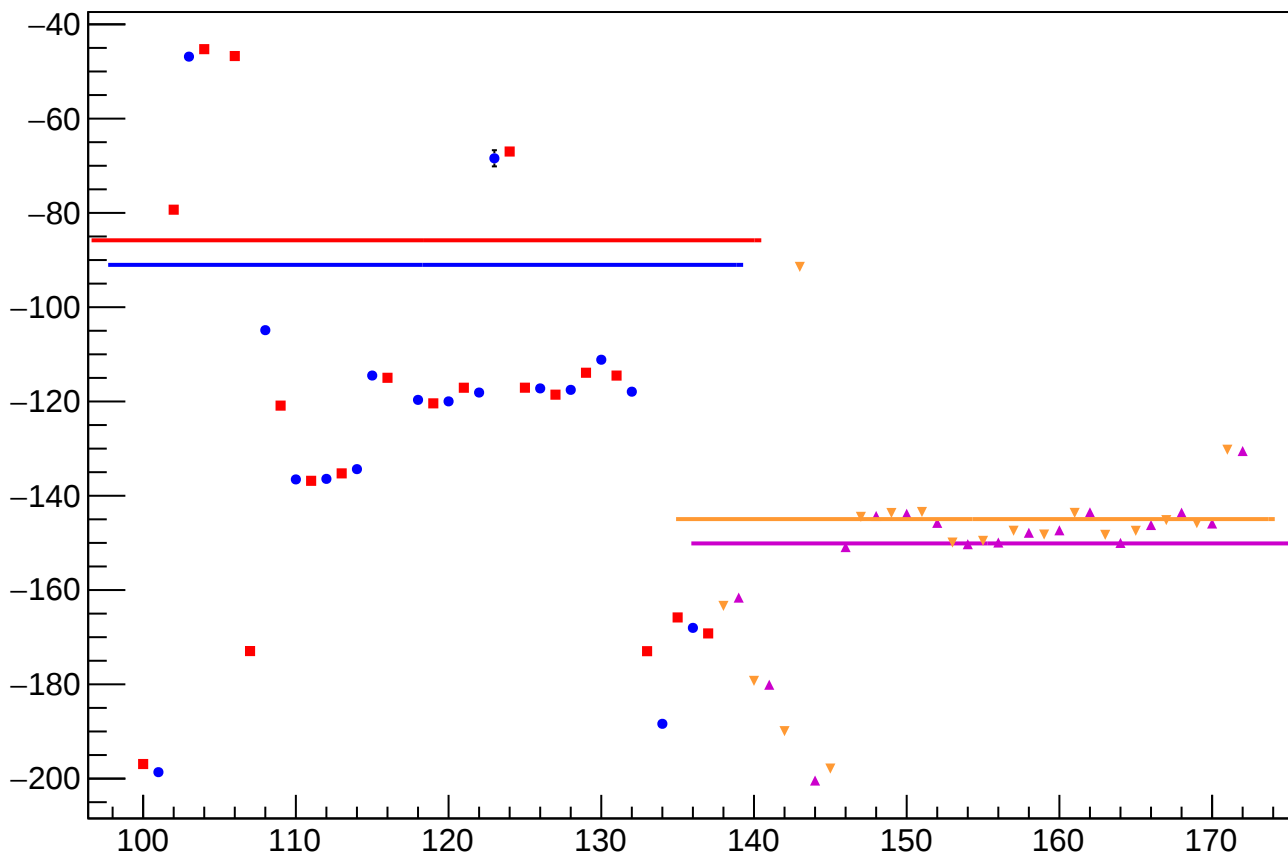
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 56.713 $\pm$ 0.877 χ^2 /NDF:1065.5/33

Out: 53.158 $\pm$ 0.833 χ^2 /NDF:998.7/36

All: 54.844 $\pm$ 0.604 χ^2 /NDF: 2072.9/70

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2/NDF : 534258.1/16

Left Out: -144.950 $\pm$ 0.052 χ^2/NDF : 211273.2/17

Right Out: -85.811 $\pm$ 0.065 χ^2/NDF : 495868.7/18

Left In: -150.111 $\pm$ 0.053 χ^2/NDF : 69852.5/16

Left: -147.485 $\pm$ 0.037 χ^2/NDF : 286023.5/34

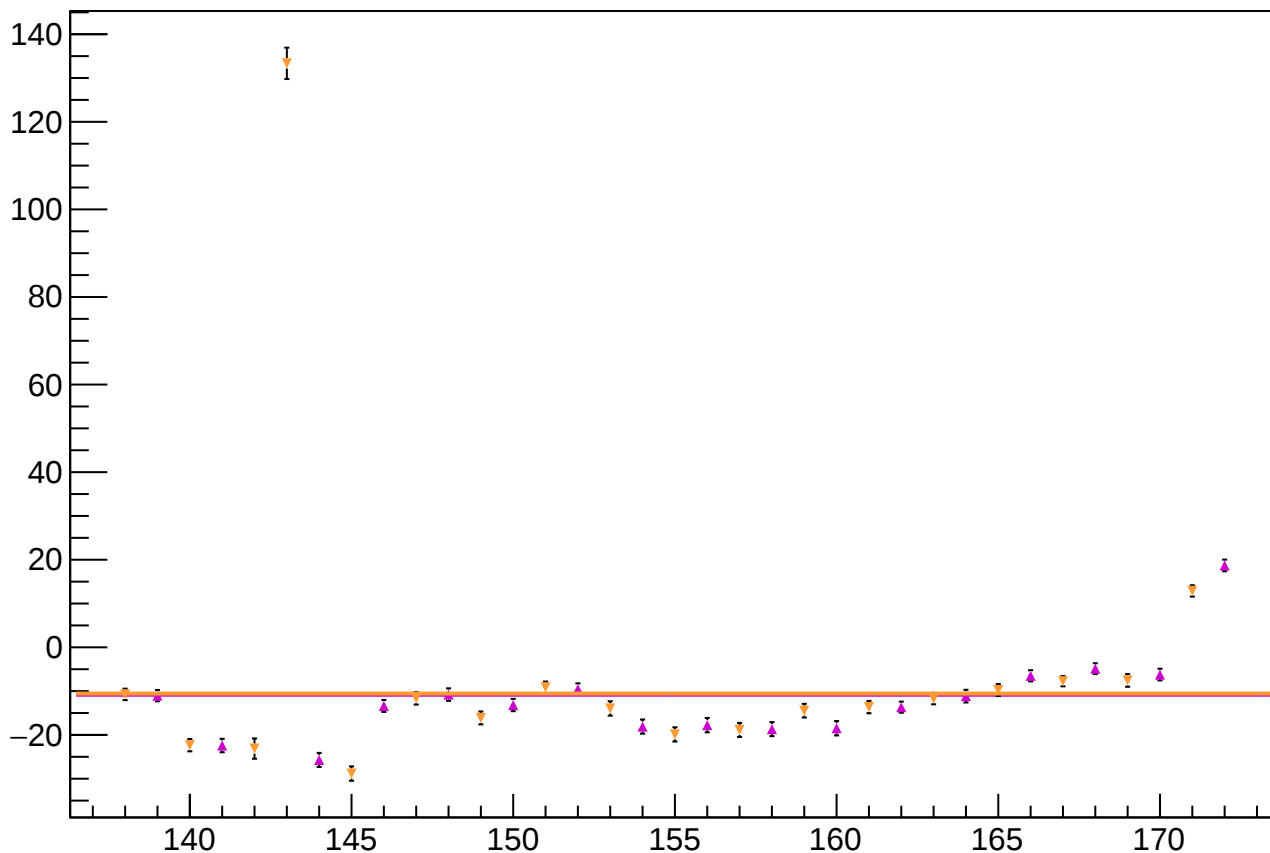
Right: -88.315 $\pm$ 0.047 χ^2/NDF : 1033213.2/35

In: -127.821 $\pm$ 0.042 χ^2/NDF : 1080208.3/33

Out: -122.052 $\pm$ 0.040 χ^2/NDF : 1214120.0/36

All: -124.863 $\pm$ 0.029 χ^2/NDF : 2304232.4/70

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: -10.551+/-0.350 χ^2/NDF :2268.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.827+/-0.343 χ^2/NDF :774.0/16

Left: -10.692+/-0.245 χ^2/NDF : 3042.4/34

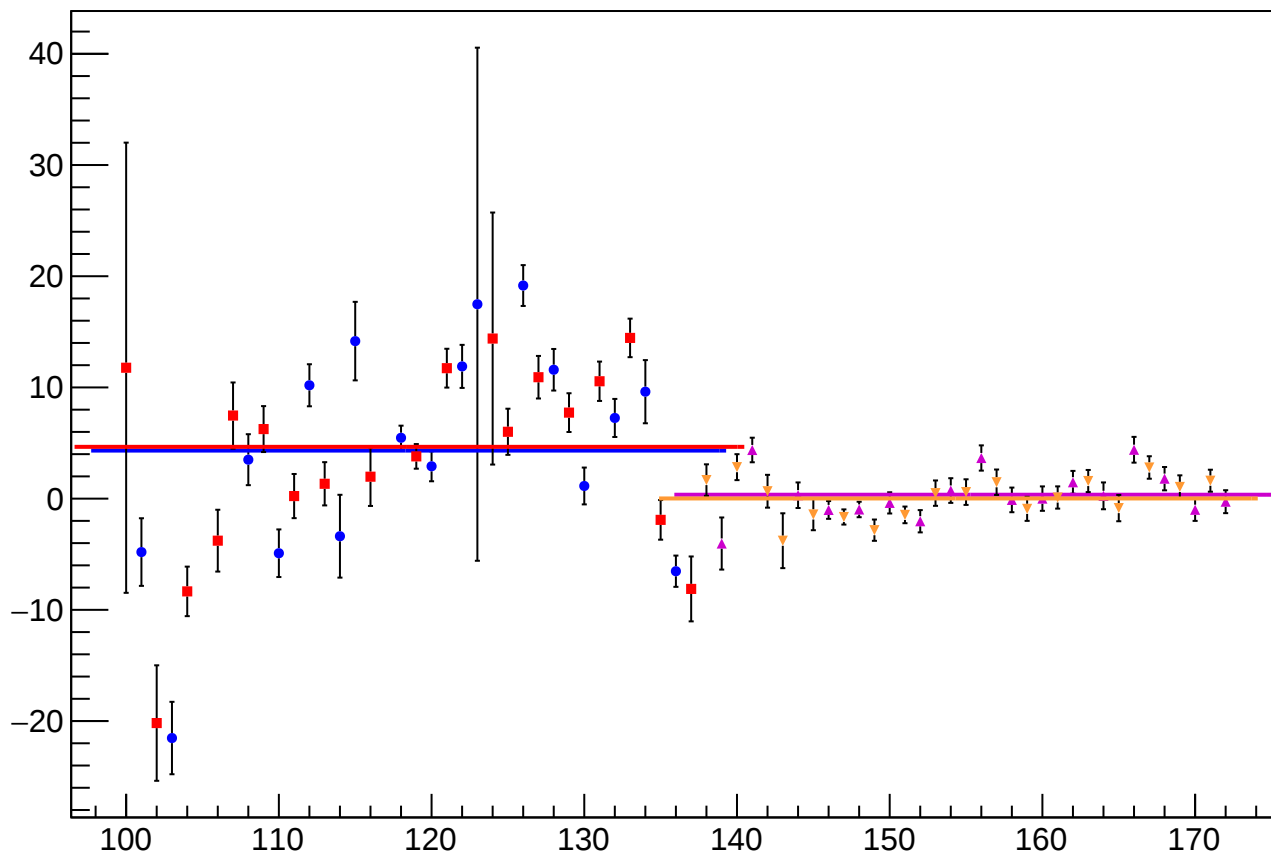
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.827+/-0.343 χ^2/NDF :774.0/16

Out: -10.551+/-0.350 χ^2/NDF :2268.0/17

All: -10.692+/-0.245 χ^2/NDF : 3042.4/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: 0.016 ± 0.249 $\chi^2/\text{NDF}: 46.5/17$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.351 ± 0.250 $\chi^2/\text{NDF}: 55.9/16$

Left: 0.182 ± 0.176 $\chi^2/\text{NDF}: 103.4/34$

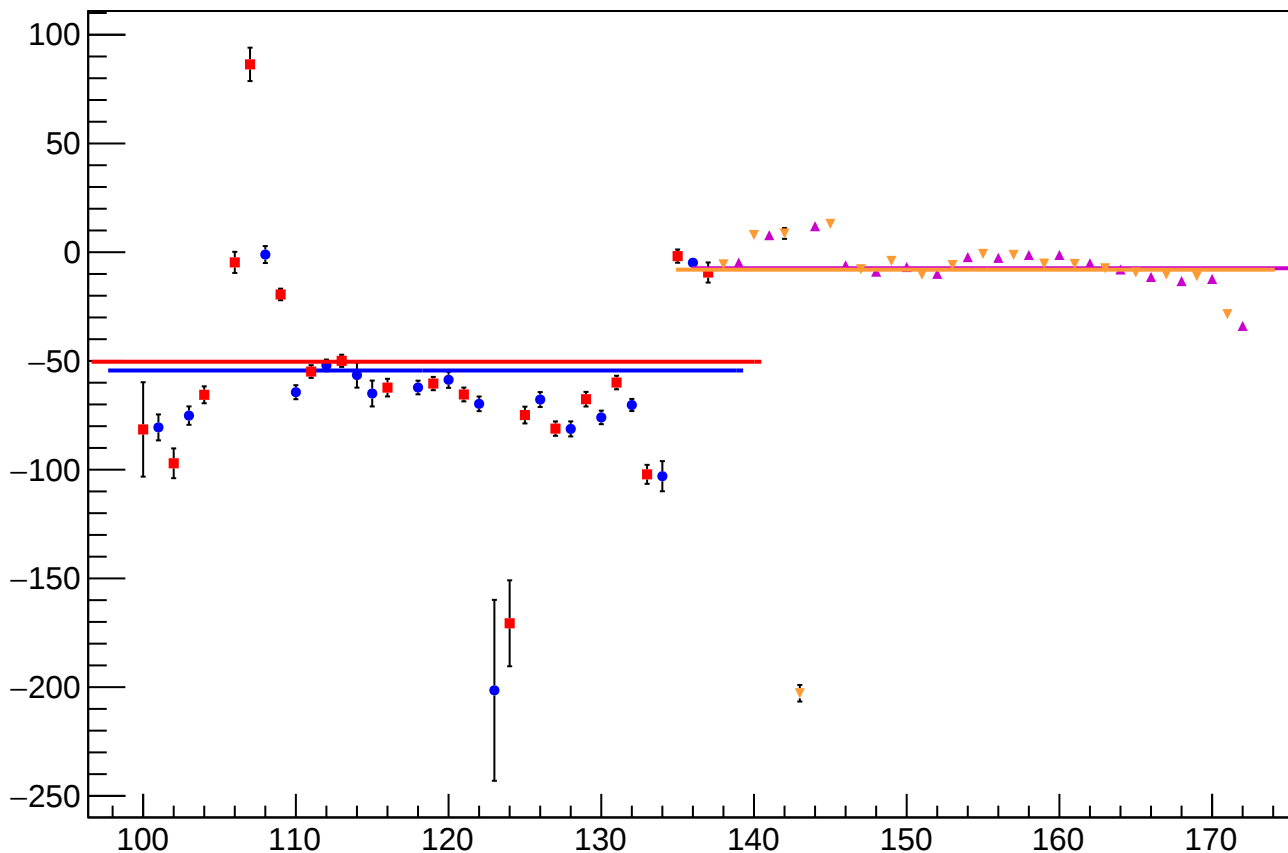
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.242 ± 0.220 $\chi^2/\text{NDF}: 392.7/33$

Out: 1.018 ± 0.220 $\chi^2/\text{NDF}: 306.3/36$

All: 1.130 ± 0.156 $\chi^2/\text{NDF}: 699.5/70$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -8.028 ± 0.344 $\chi^2/\text{NDF}: 3233.4/17$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -7.369 ± 0.337 $\chi^2/\text{NDF}: 703.7/16$

Left: -7.692 ± 0.241 $\chi^2/\text{NDF}: 3939.0/34$

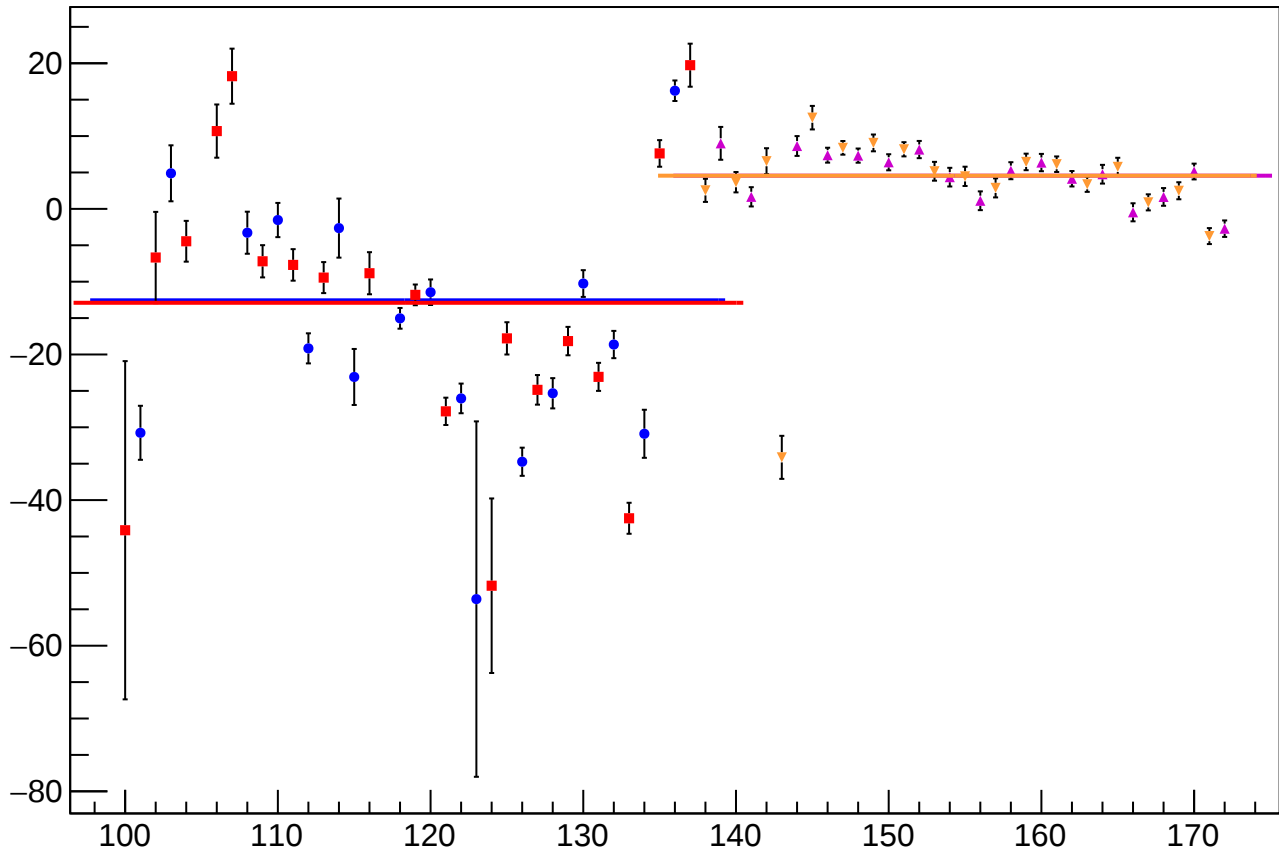
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -13.572 ± 0.314 $\chi^2/\text{NDF}: 4285.5/33$

Out: -13.888 ± 0.319 $\chi^2/\text{NDF}: 6654.3/36$

All: -13.727 ± 0.224 $\chi^2/\text{NDF}: 10940.4/70$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 4.559 ± 0.289 χ^2/NDF : 324.8/17

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 4.558 ± 0.289 χ^2/NDF : 119.0/16

Left: 4.558 ± 0.204 χ^2/NDF : 443.8/34

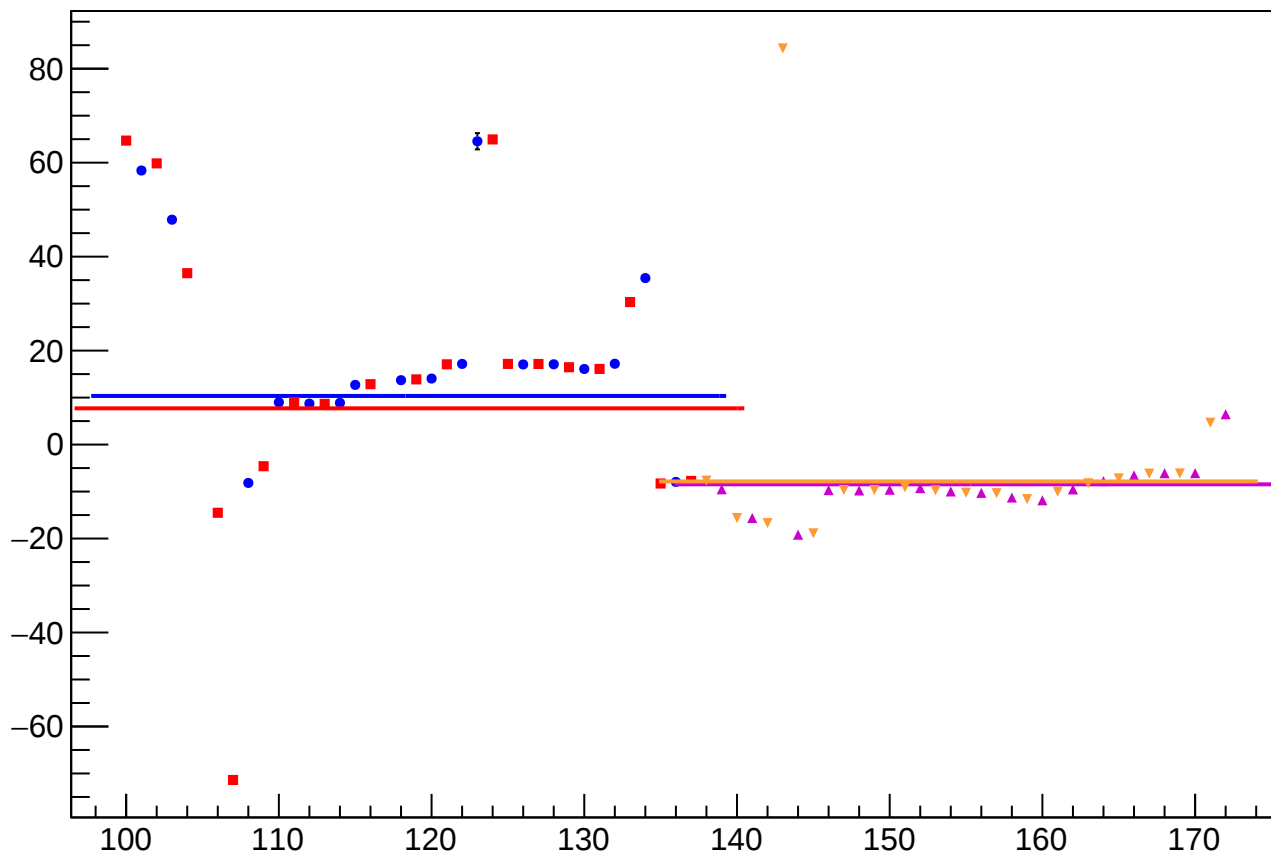
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.644 ± 0.254 χ^2/NDF : 1698.9/33

Out: 0.658 ± 0.254 χ^2/NDF : 1870.4/36

All: 0.651 ± 0.180 χ^2/NDF : 3569.3/70

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -7.848 ± 0.013 $\chi^2/\text{NDF}: 500221.7/17$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -8.460 ± 0.013 $\chi^2/\text{NDF}: 144489.1/16$

Left: -8.160 ± 0.009 $\chi^2/\text{NDF}: 645782.5/34$

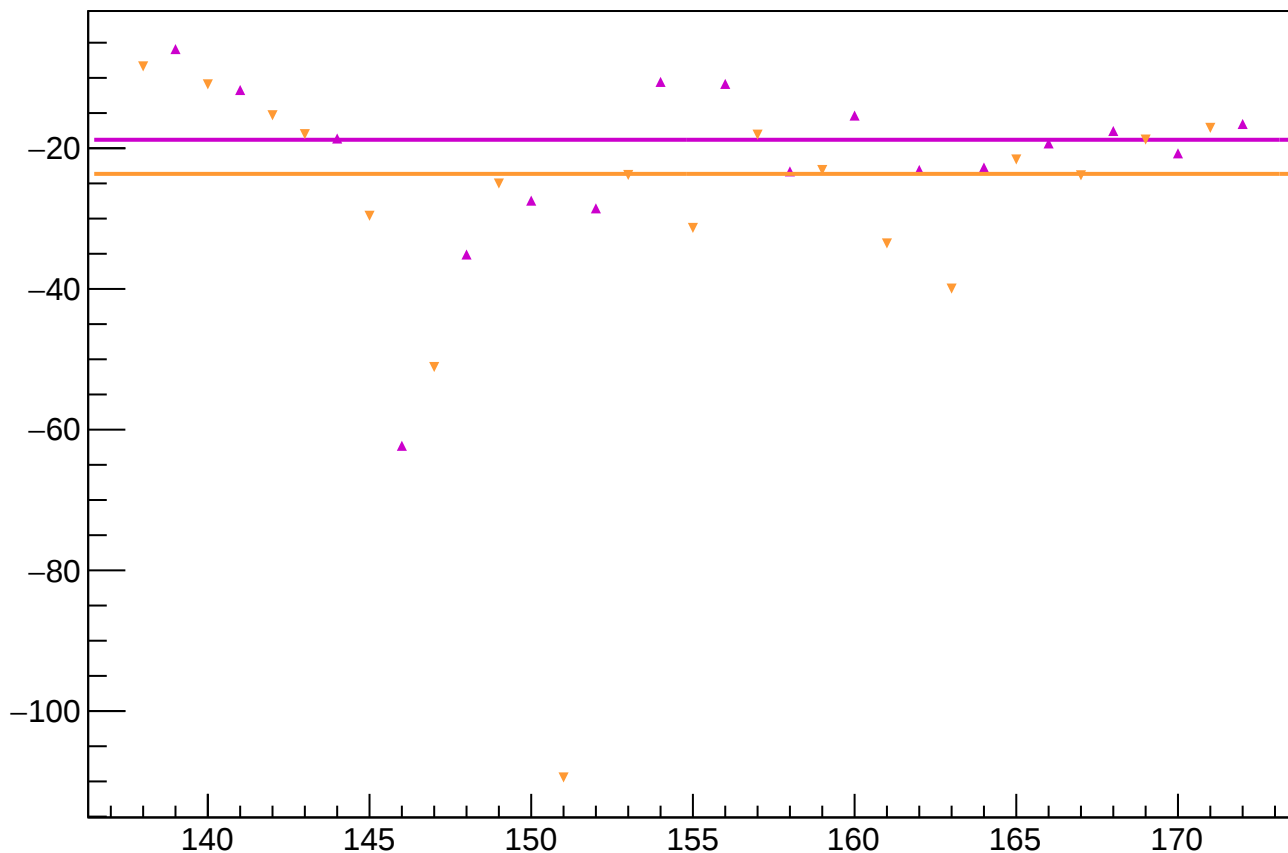
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: -5.547 ± 0.012 $\chi^2/\text{NDF}: 845128.3/33$

Out: -5.447 ± 0.012 $\chi^2/\text{NDF}: 1254827.0/36$

All: -5.498 ± 0.009 $\chi^2/\text{NDF}: 2099989.5/70$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.645+/-0.056 χ^2/NDF : 59157.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.797+/-0.049 χ^2/NDF : 38148.0/16

Left: -20.915+/-0.037 χ^2/NDF : 101600.9/34

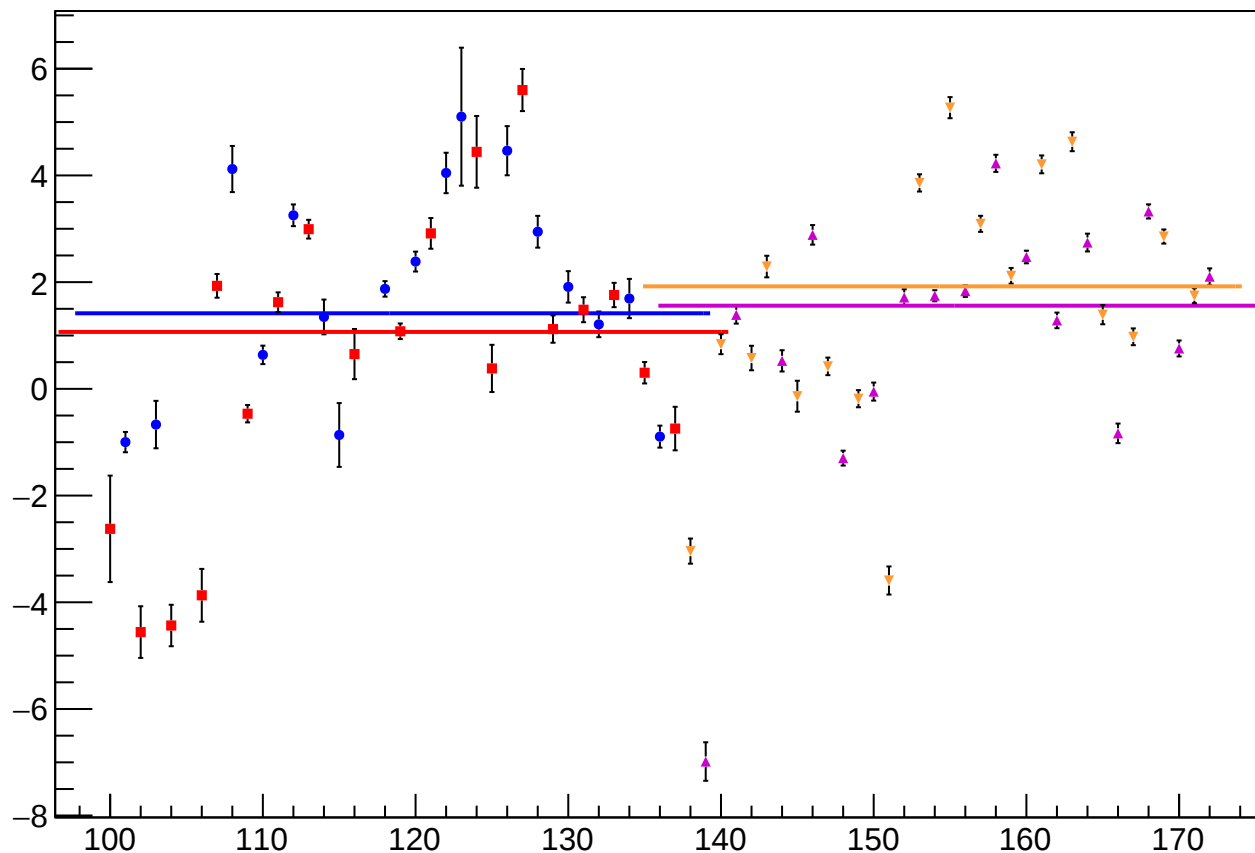
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.797+/-0.049 χ^2/NDF : 38148.0/16

Out: -23.645+/-0.056 χ^2/NDF : 59157.7/17

All: -20.915+/-0.037 χ^2/NDF : 101600.9/34

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 1.921 $\pm$ 0.041 χ^2/NDF :2268.8/17

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.559 $\pm$ 0.036 χ^2/NDF :1937.5/16

Left: 1.716 $\pm$ 0.027 χ^2/NDF : 4250.3/34

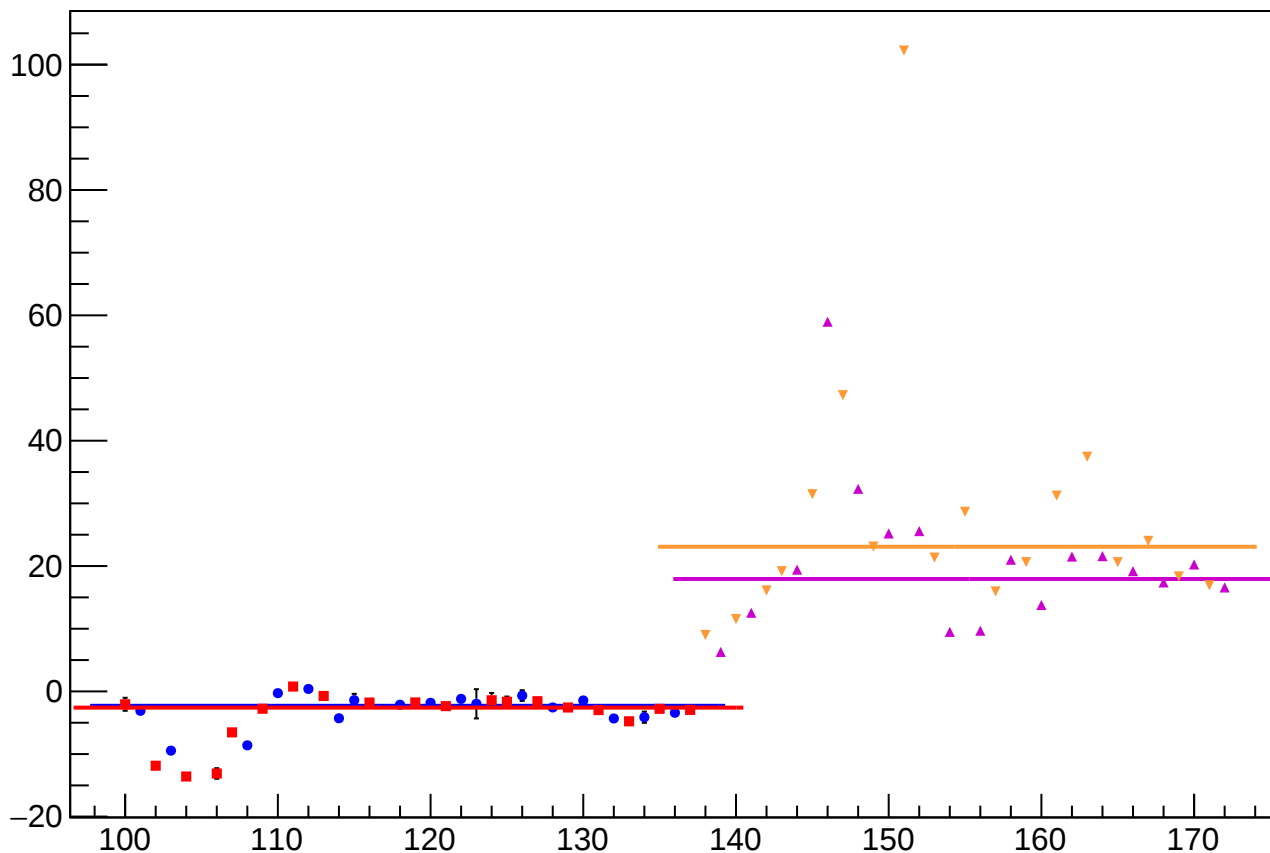
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.522 $\pm$ 0.031 χ^2/NDF :2572.7/33

Out: 1.636 $\pm$ 0.034 χ^2/NDF :3342.8/36

All: 1.575 $\pm$ 0.023 χ^2/NDF : 5921.8/70

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.079 ± 0.055 $\chi^2/\text{NDF}: 52960.0/17$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 17.935 ± 0.048 $\chi^2/\text{NDF}: 35940.8/16$

Left: 20.149 ± 0.036 $\chi^2/\text{NDF}: 93923.9/34$

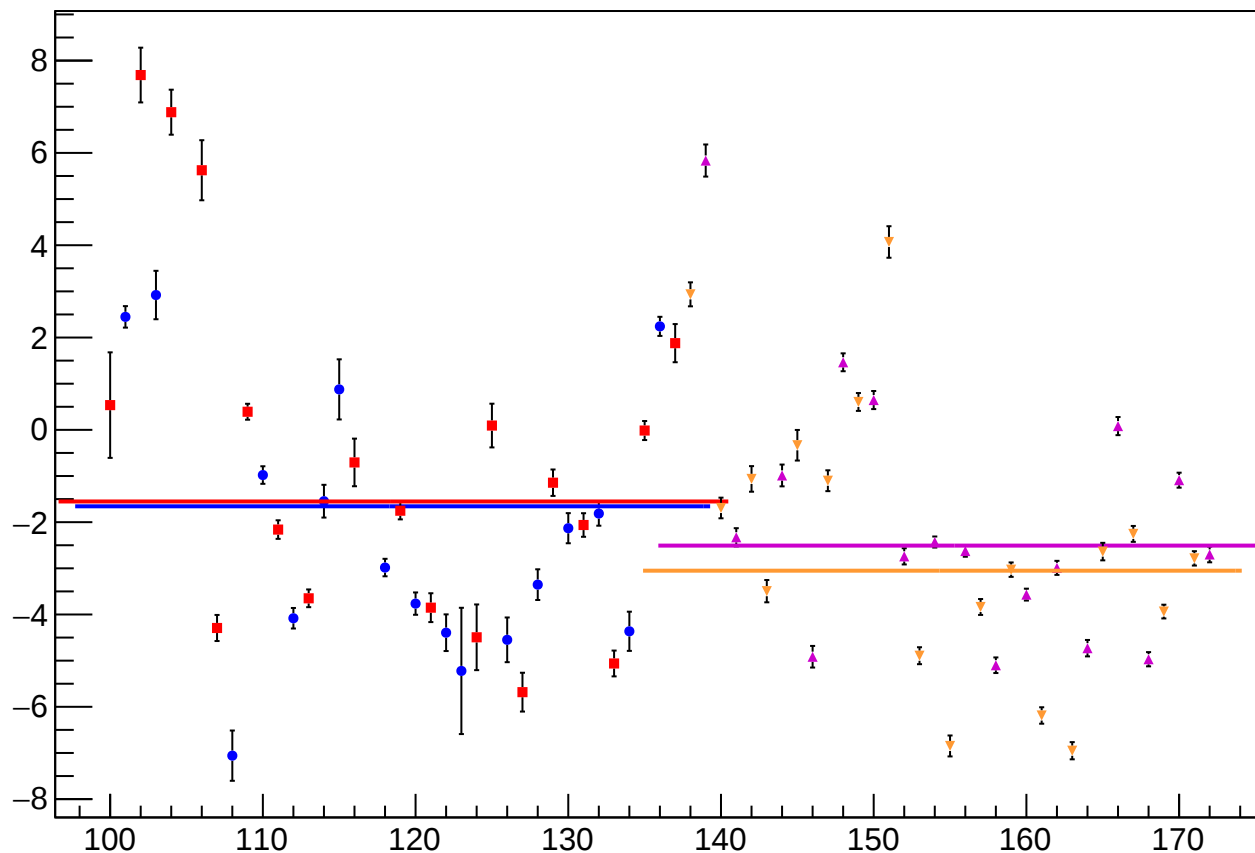
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.782 ± 0.044 $\chi^2/\text{NDF}: 64514.4/33$

Out: 17.046 ± 0.048 $\chi^2/\text{NDF}: 105458.1/36$

All: 15.811 ± 0.032 $\chi^2/\text{NDF}: 171190.1/70$

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: -3.051 ± 0.047 χ^2/NDF : 2770.7/17

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.508 ± 0.041 χ^2/NDF : 2381.0/16

Left: -2.743 ± 0.031 χ^2/NDF : 5228.7/34

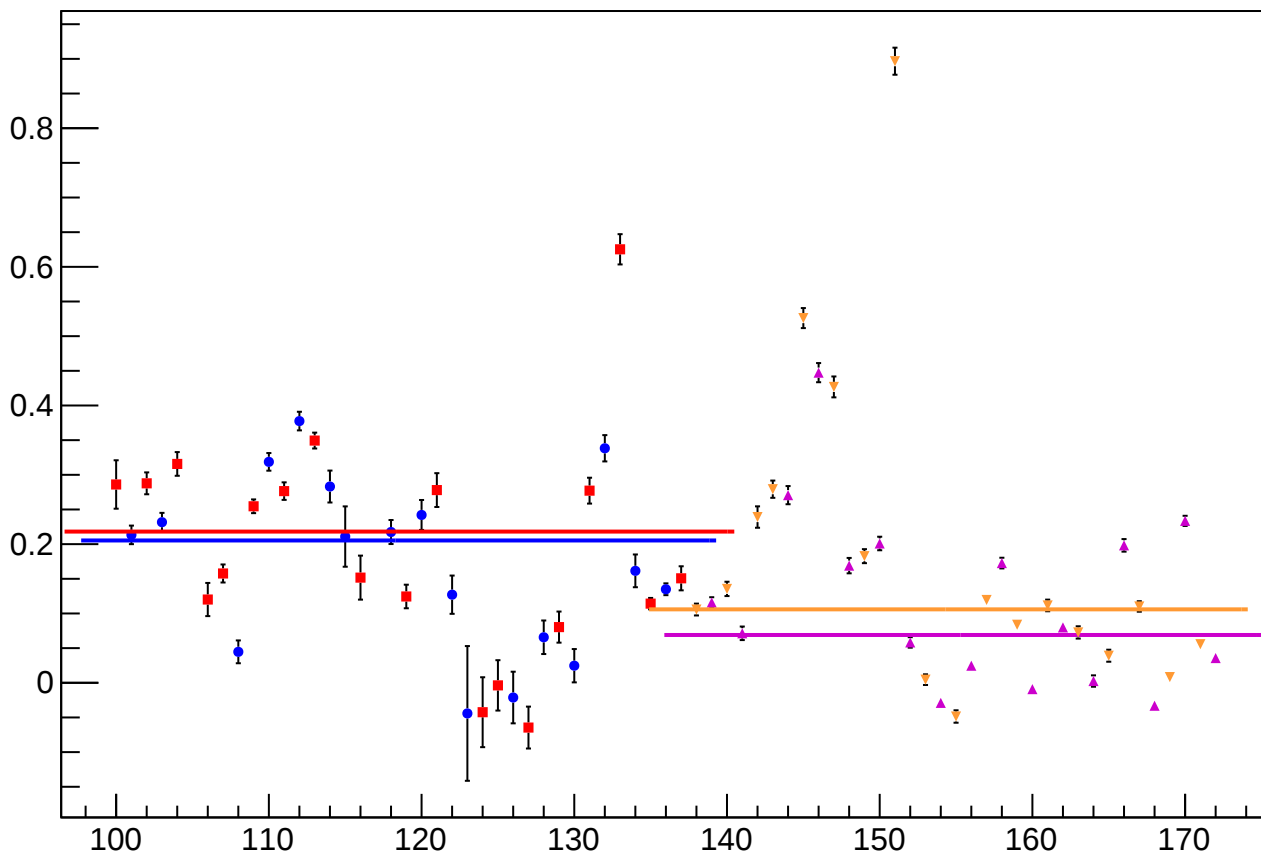
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.294 ± 0.035 χ^2/NDF : 3761.5/33

Out: -2.548 ± 0.038 χ^2/NDF : 4606.1/36

All: -2.412 ± 0.026 χ^2/NDF : 8391.7/70

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7489.7/34

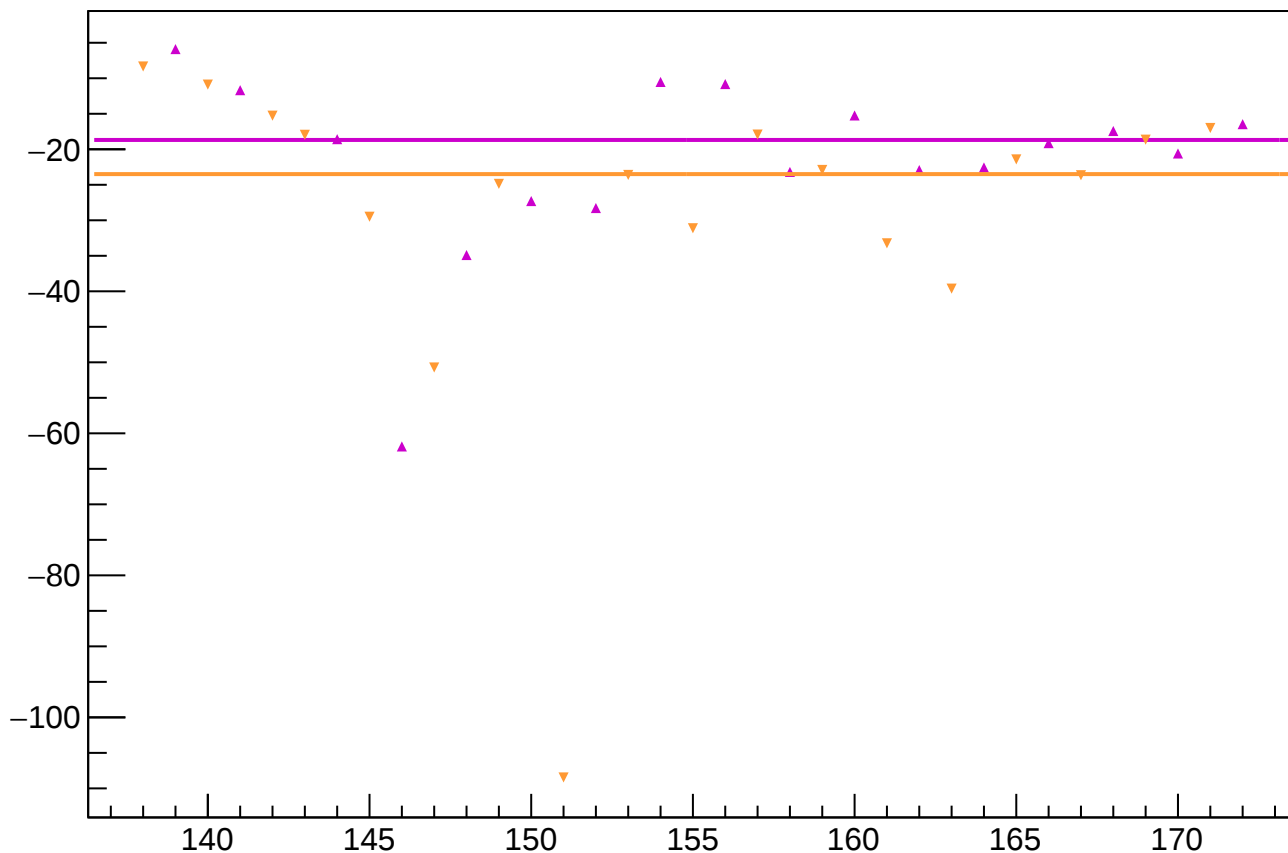
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4745.1/33

Out: 0.133 $\pm$ 0.002 χ^2 /NDF: 5823.6/36

All: 0.109 $\pm$ 0.001 χ^2 /NDF: 10878.3/70

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.496+/-0.055 χ^2/NDF : 58976.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.687+/-0.049 χ^2/NDF : 38060.1/16

Left: -20.788+/-0.036 χ^2/NDF : 101318.1/34

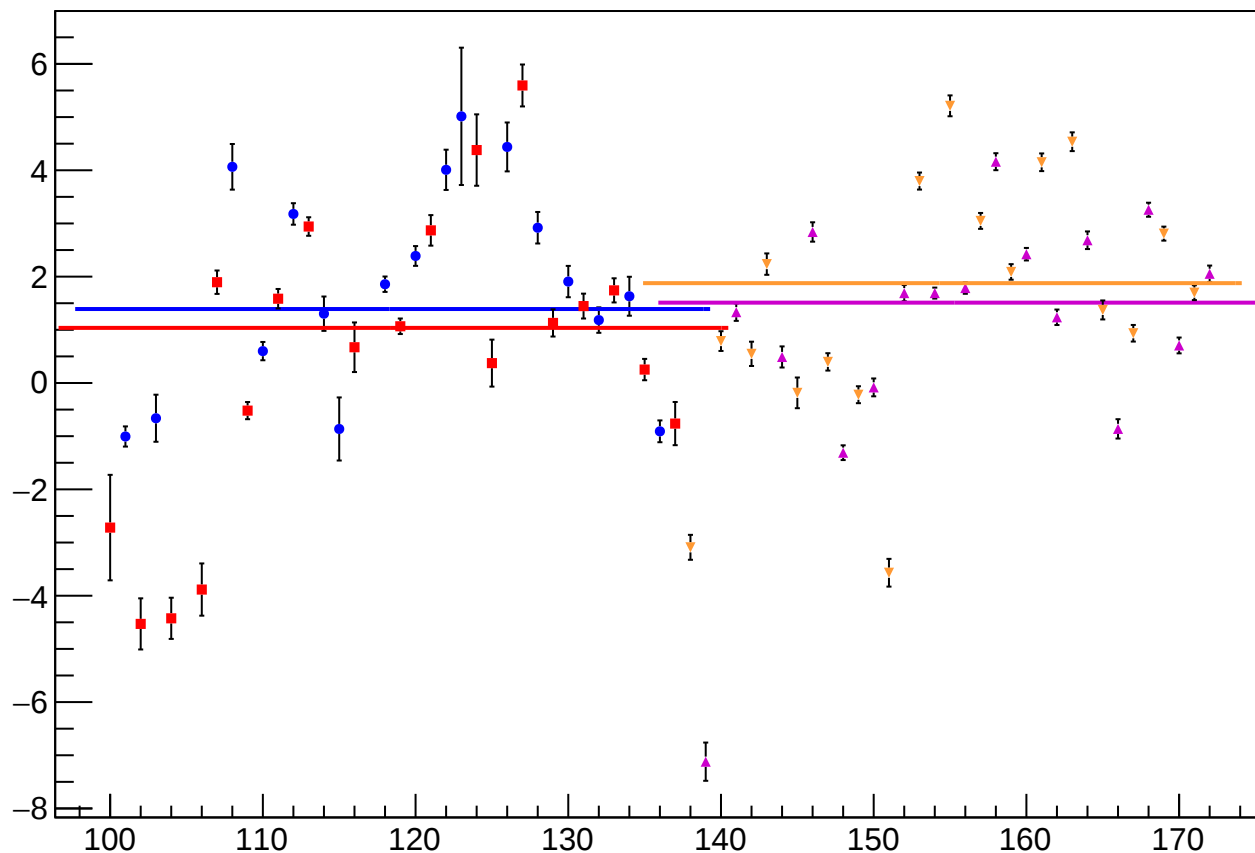
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.687+/-0.049 χ^2/NDF : 38060.1/16

Out: -23.496+/-0.055 χ^2/NDF : 58976.5/17

All: -20.788+/-0.036 χ^2/NDF : 101318.1/34

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2/NDF : 629.2/16

Left Out: 1.878 $\pm$ 0.041 χ^2/NDF :2268.4/17

Right Out: 1.036 $\pm$ 0.058 χ^2/NDF : 934.2/18

Left In: 1.511 $\pm$ 0.036 χ^2/NDF :1948.7/16

Left: 1.670 $\pm$ 0.027 χ^2/NDF : 4262.7/34

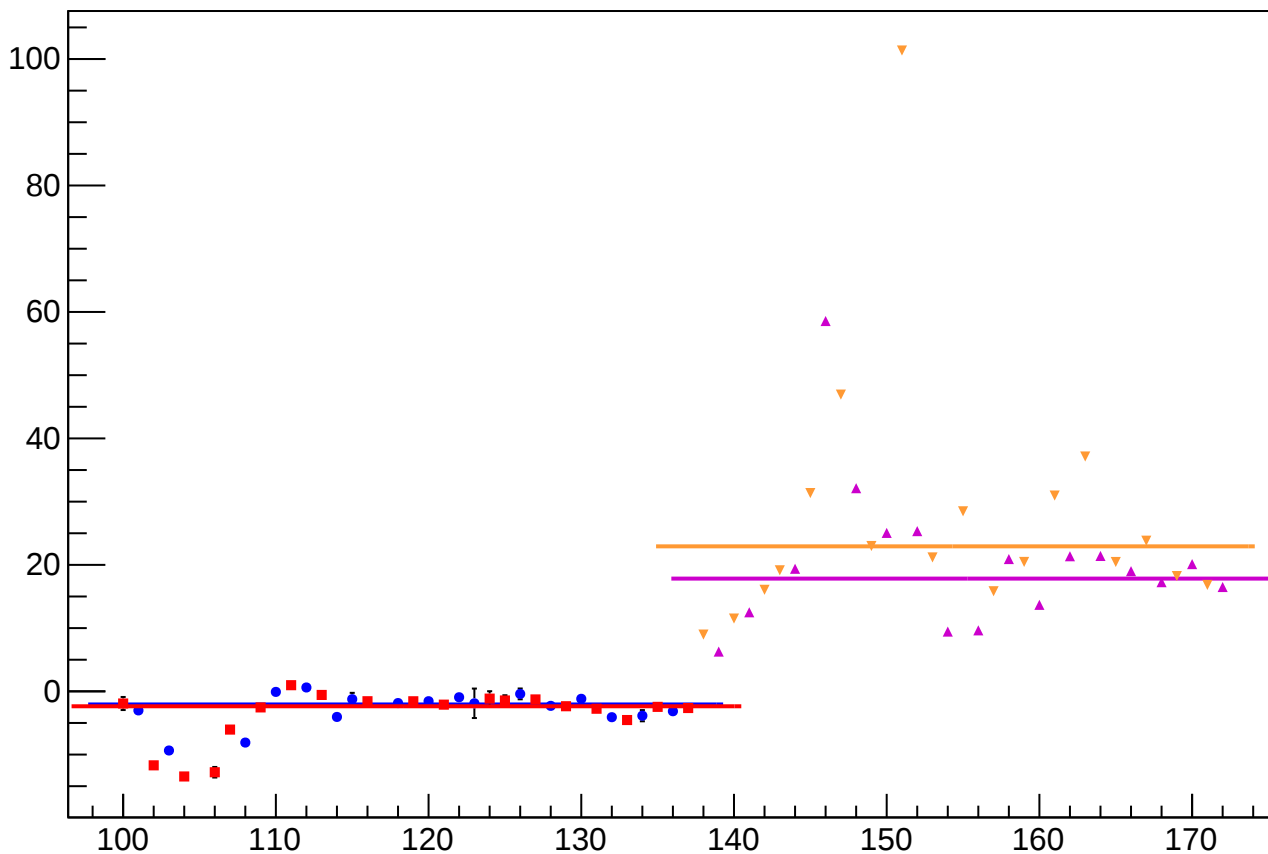
Right: 1.204 $\pm$ 0.042 χ^2/NDF : 1581.2/35

In: 1.480 $\pm$ 0.031 χ^2/NDF :2580.7/33

Out: 1.598 $\pm$ 0.033 χ^2/NDF :3343.9/36

All: 1.534 $\pm$ 0.023 χ^2/NDF : 5931.3/70

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.931 ± 0.054 χ^2/NDF : 52820.6/17

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.830 ± 0.047 χ^2/NDF : 35864.7/16

Left: 20.026 ± 0.036 χ^2/NDF : 93688.5/34

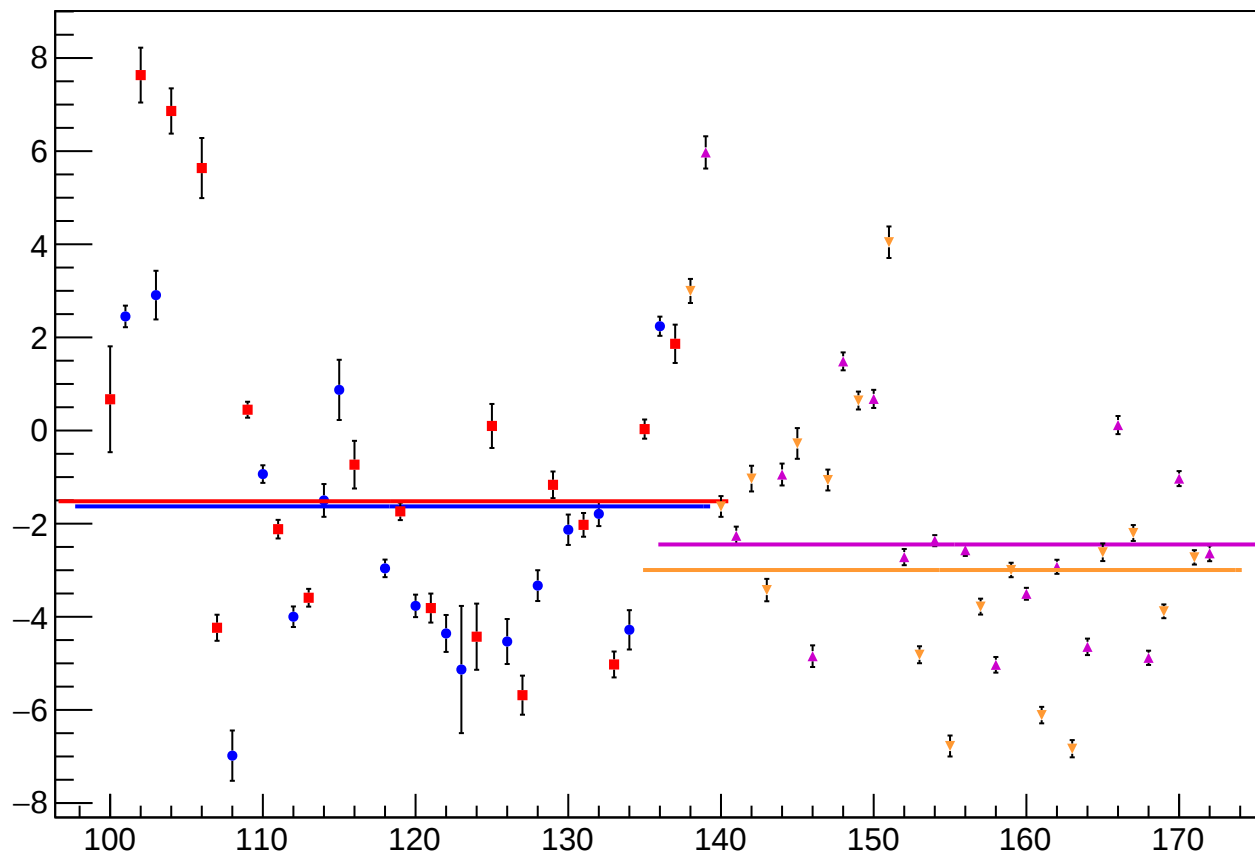
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.735 ± 0.043 χ^2/NDF : 63818.6/33

Out: 16.997 ± 0.048 χ^2/NDF : 104391.7/36

All: 15.764 ± 0.032 χ^2/NDF : 169440.6/70

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.996 ± 0.046 χ^2/NDF : 2769.1/17

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.447 ± 0.041 χ^2/NDF : 2392.9/16

Left: -2.685 ± 0.030 χ^2/NDF : 5241.5/34

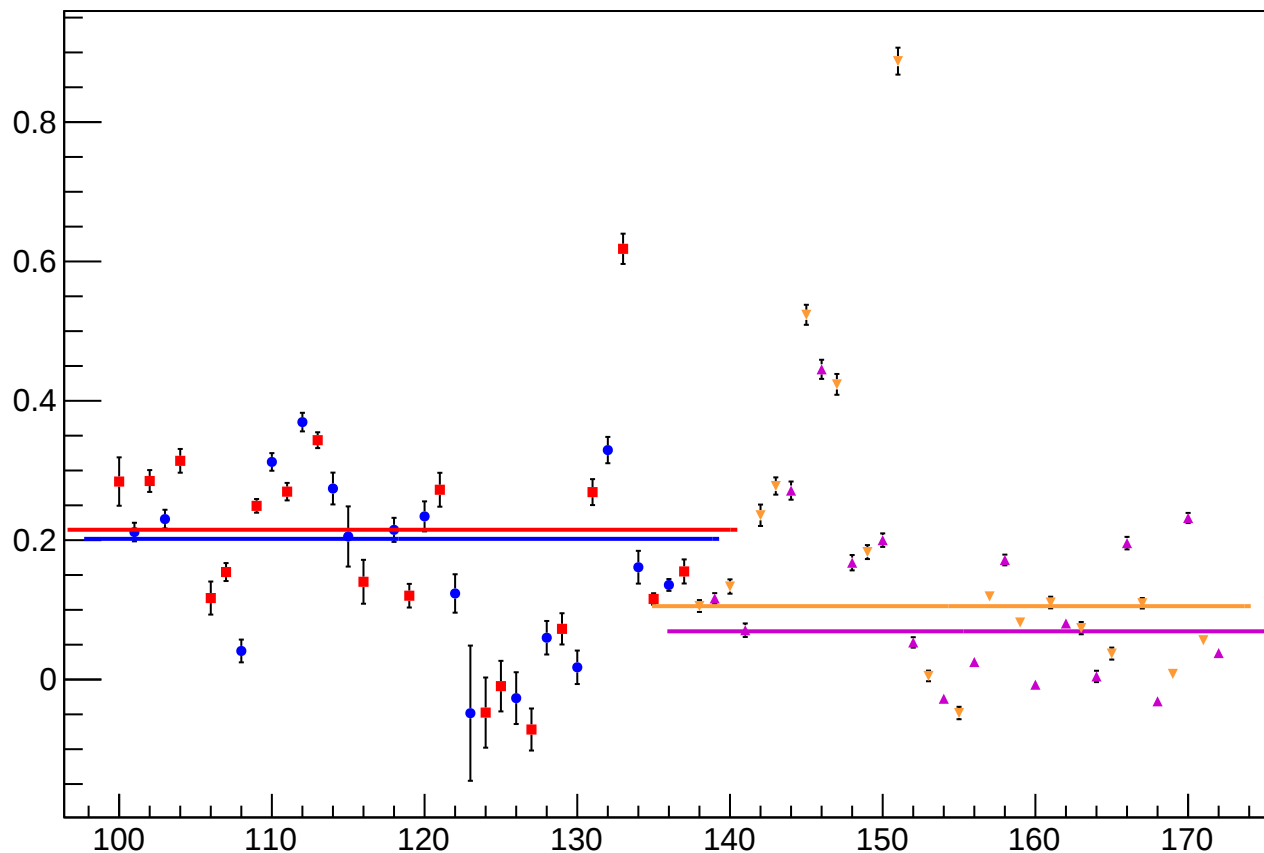
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.242 ± 0.035 χ^2/NDF : 3761.2/33

Out: -2.502 ± 0.038 χ^2/NDF : 4601.4/36

All: -2.363 ± 0.026 χ^2/NDF : 8388.0/70

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2/NDF : 604.6/16

Left Out: 0.105 $\pm$ 0.002 χ^2/NDF :4091.8/17

Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 1005.6/18

Left In: 0.069 $\pm$ 0.002 χ^2/NDF :3181.6/16

Left: 0.084 $\pm$ 0.001 χ^2/NDF : 7449.6/34

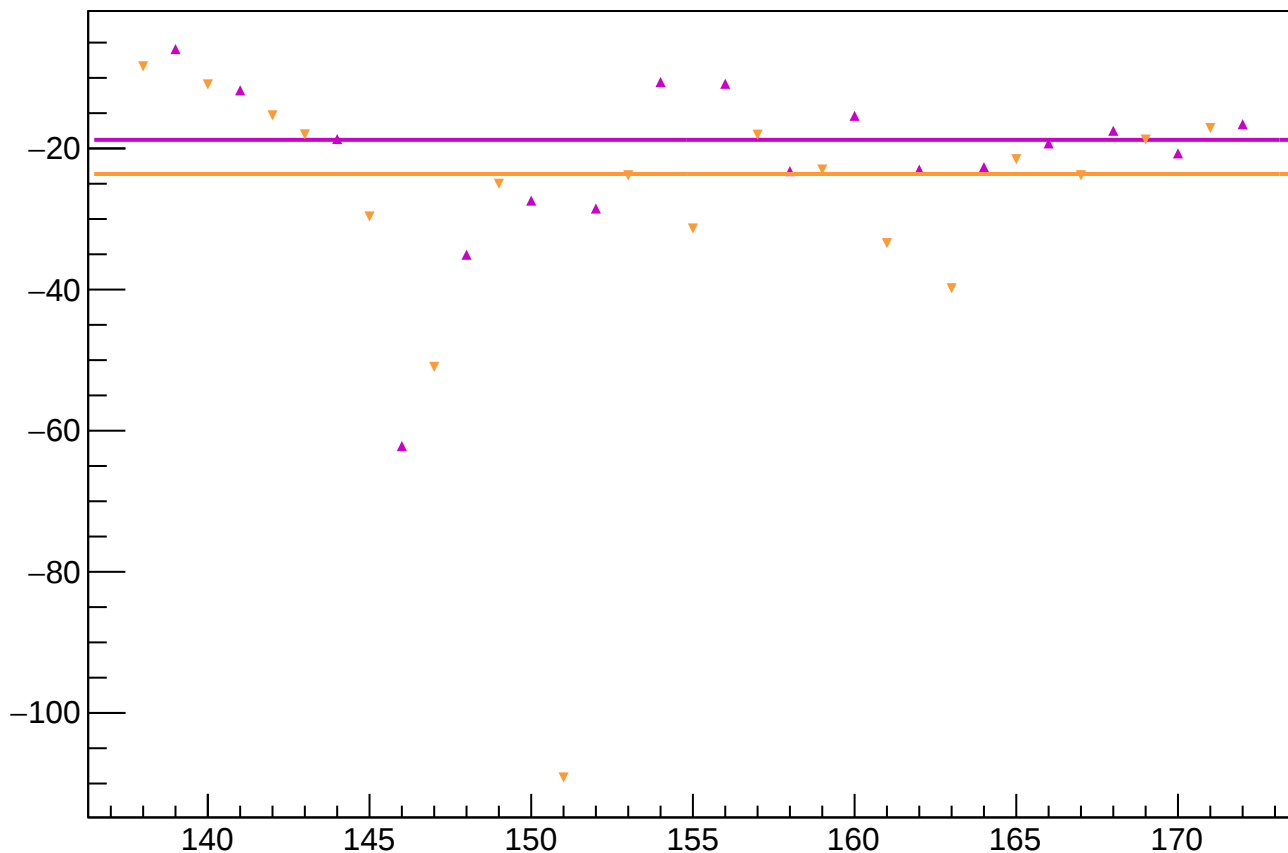
Right: 0.209 $\pm$ 0.003 χ^2/NDF : 1615.8/35

In: 0.090 $\pm$ 0.002 χ^2/NDF :4663.4/33

Out: 0.132 $\pm$ 0.002 χ^2/NDF :5774.2/36

All: 0.109 $\pm$ 0.001 χ^2/NDF : 10737.6/70

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.622+/-0.055 χ^2/NDF : 59100.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.780+/-0.049 χ^2/NDF : 38119.1/16

Left: -20.894+/-0.037 χ^2/NDF : 101525.8/34

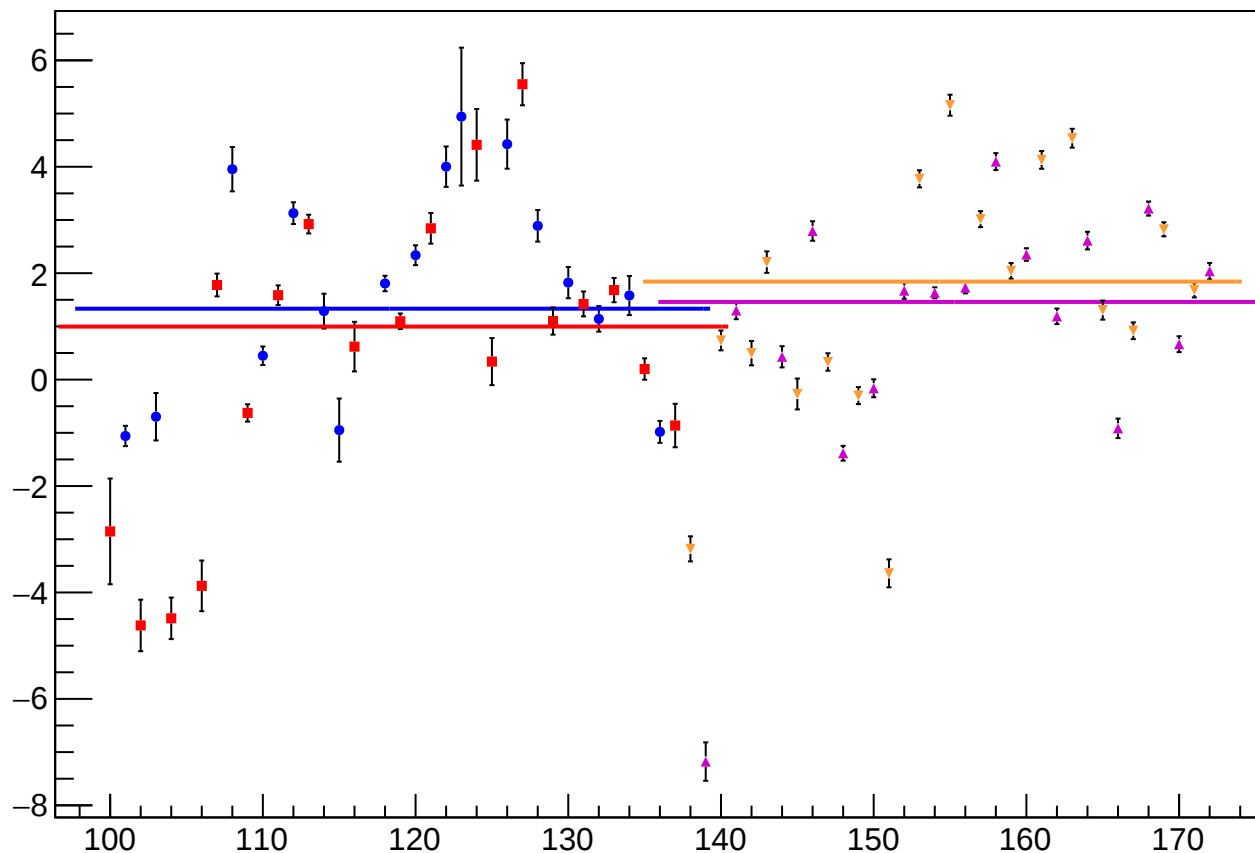
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.780+/-0.049 χ^2/NDF : 38119.1/16

Out: -23.622+/-0.055 χ^2/NDF : 59100.0/17

All: -20.894+/-0.037 χ^2/NDF : 101525.8/34

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2/NDF : 634.6/16

Left Out: 1.842 $\pm$ 0.041 χ^2/NDF :2290.5/17

Right Out: 0.997 $\pm$ 0.058 χ^2/NDF : 945.3/18

Left In: 1.460 $\pm$ 0.036 χ^2/NDF :1939.6/16

Left: 1.626 $\pm$ 0.027 χ^2/NDF : 4279.3/34

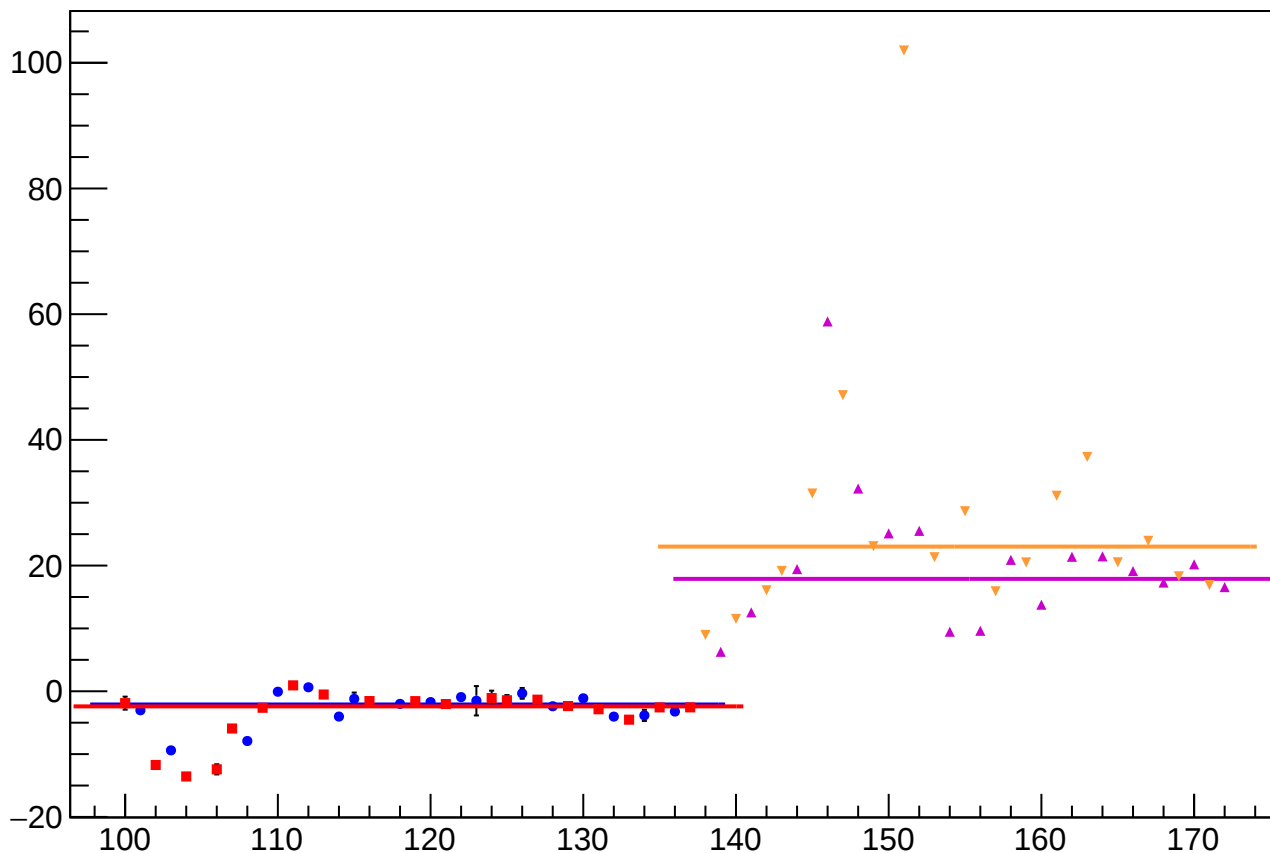
Right: 1.156 $\pm$ 0.042 χ^2/NDF : 1595.8/35

In: 1.427 $\pm$ 0.031 χ^2/NDF :2577.4/33

Out: 1.560 $\pm$ 0.033 χ^2/NDF :3377.5/36

All: 1.489 $\pm$ 0.023 χ^2/NDF : 5963.4/70

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.022 ± 0.055 χ^2/NDF : 52928.5/17

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.883 ± 0.047 χ^2/NDF : 35935.1/16

Left: 20.094 ± 0.036 χ^2/NDF : 93900.2/34

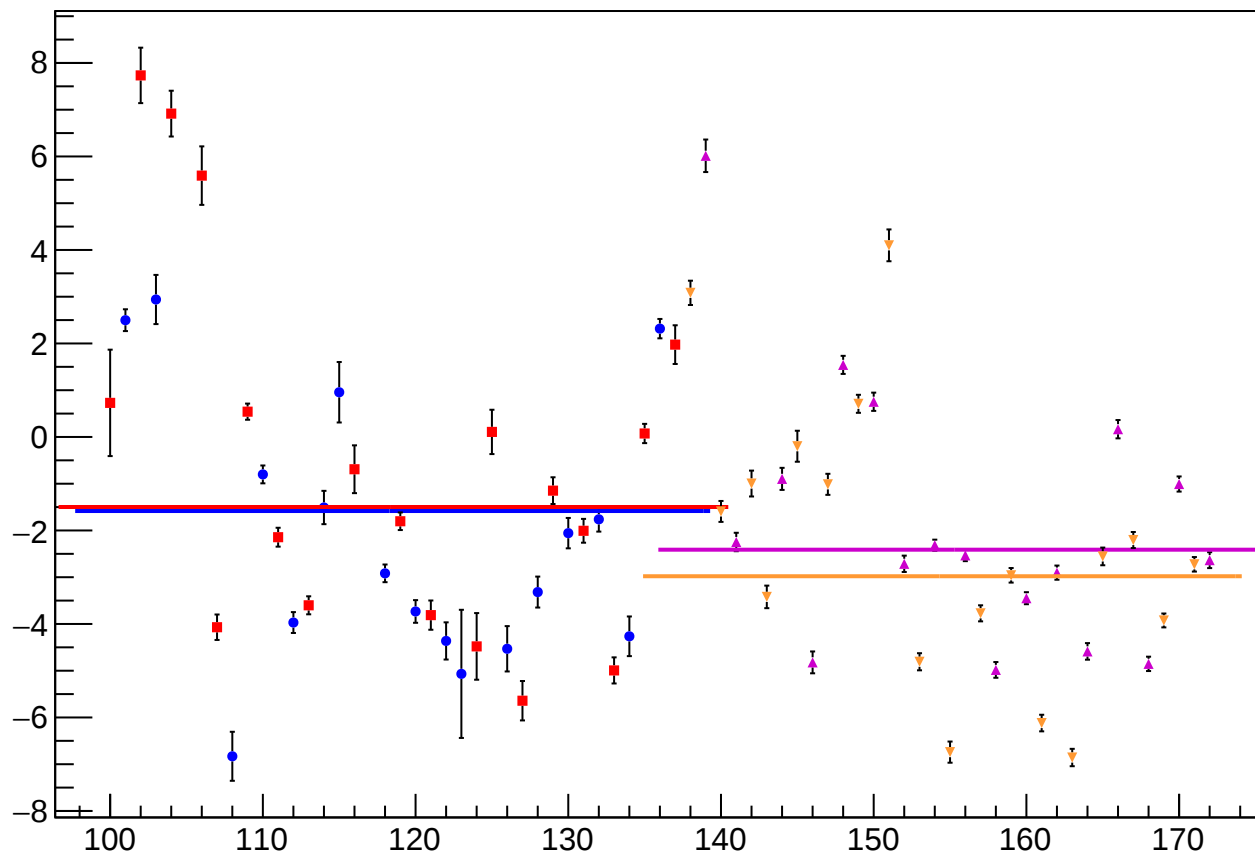
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.784 ± 0.044 χ^2/NDF : 63832.9/33

Out: 17.062 ± 0.048 χ^2/NDF : 104547.7/36

All: 15.820 ± 0.032 χ^2/NDF : 169618.4/70

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584+/-0.070 χ^2/NDF : 1272.1/16

Left Out: -2.979+/-0.046 χ^2/NDF : 2797.4/17

Right Out: -1.498+/-0.066 χ^2/NDF : 1503.7/18

Left In: -2.411+/-0.041 χ^2/NDF : 2382.7/16

Left: -2.658+/-0.031 χ^2/NDF : 5264.7/34

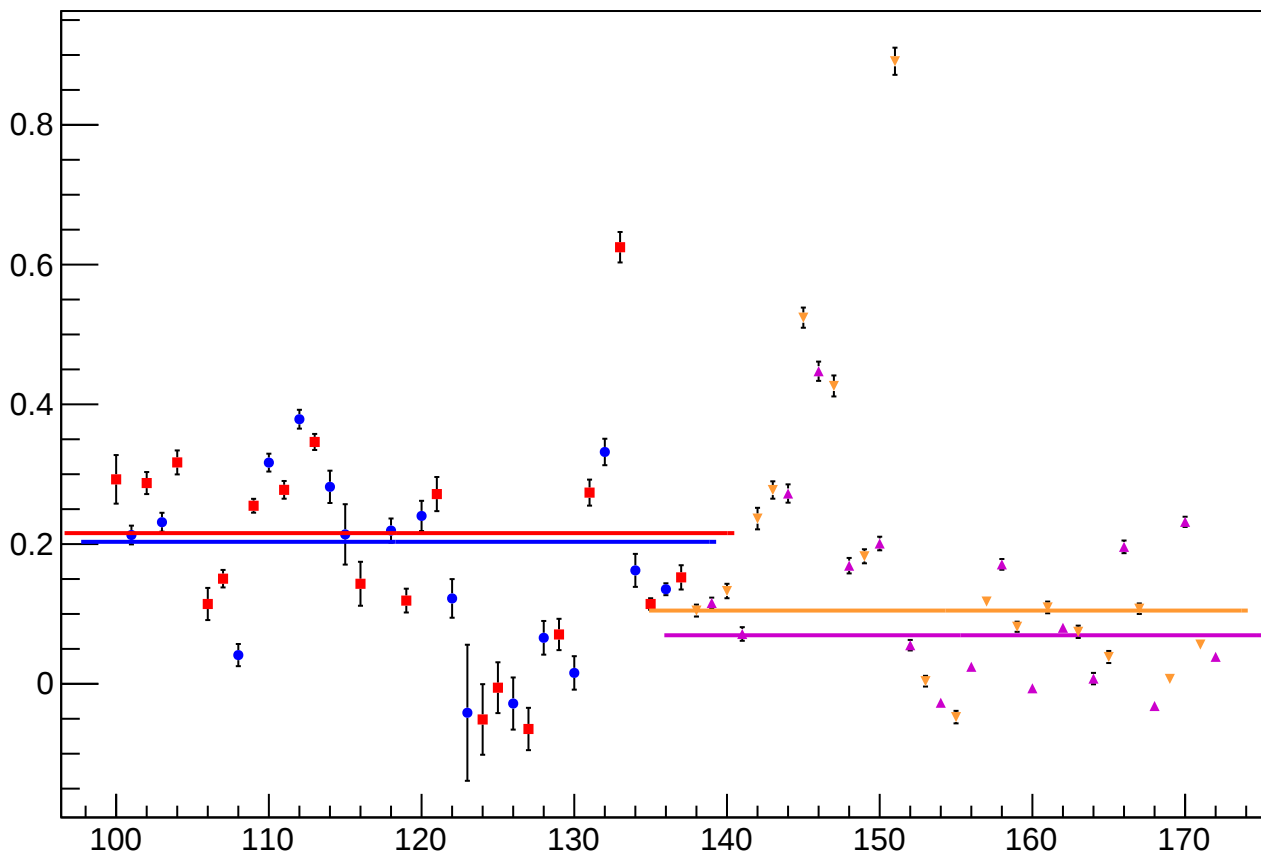
Right: -1.538+/-0.048 χ^2/NDF : 2776.6/35

In: -2.205+/-0.035 χ^2/NDF : 3758.2/33

Out: -2.484+/-0.038 χ^2/NDF : 4641.1/36

All: -2.334+/-0.026 χ^2/NDF : 8428.4/70

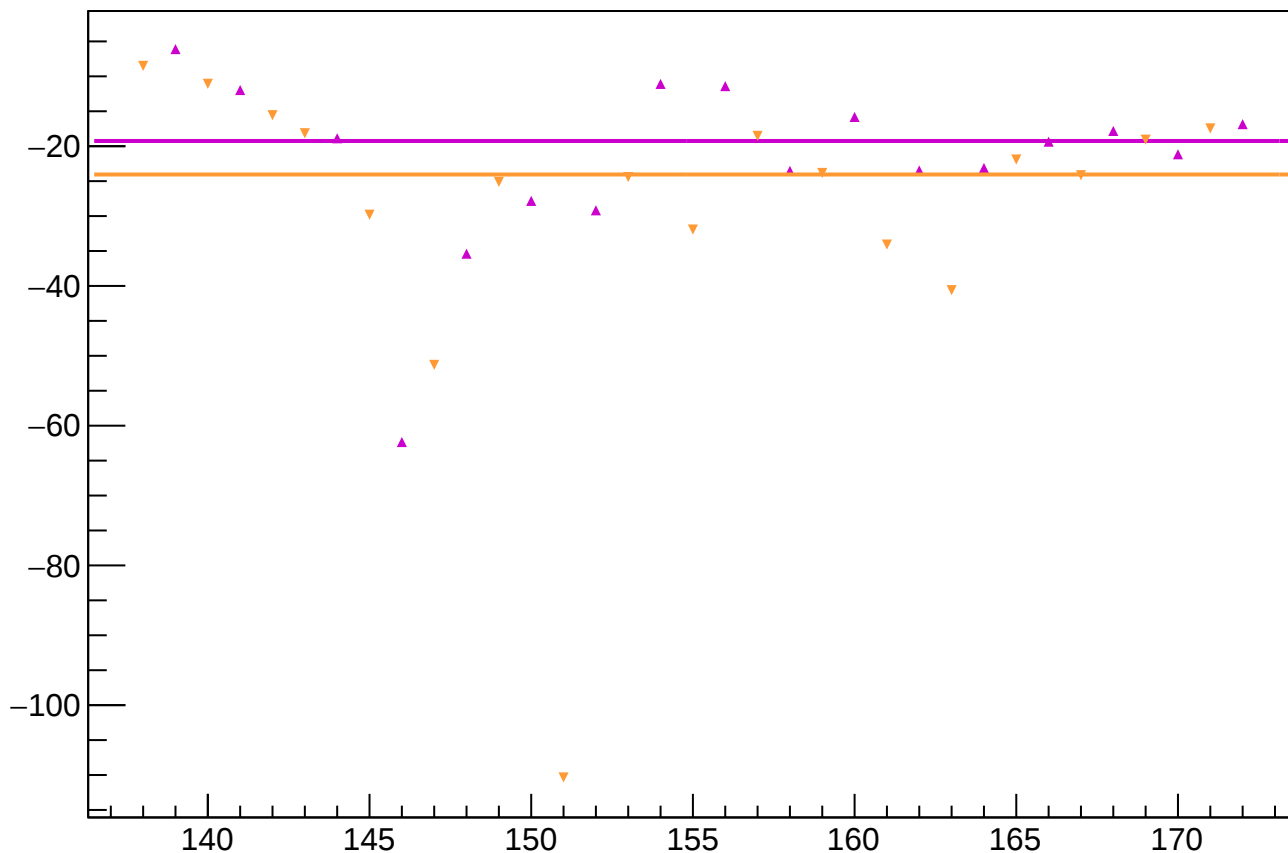
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 $\chi^2/\text{NDF}: 632.8/16$
 Left Out: 0.105 ± 0.002 $\chi^2/\text{NDF}: 4079.8/17$
 Right Out: 0.216 ± 0.004 $\chi^2/\text{NDF}: 1037.9/18$
 Left In: 0.070 ± 0.002 $\chi^2/\text{NDF}: 3159.9/16$

Left: 0.084 ± 0.001 $\chi^2/\text{NDF}: 7407.3/34$
 Right: 0.210 ± 0.003 $\chi^2/\text{NDF}: 1675.8/35$
 In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 4677.4/33$
 Out: 0.132 ± 0.002 $\chi^2/\text{NDF}: 5806.0/36$
 All: 0.109 ± 0.001 $\chi^2/\text{NDF}: 10773.7/70$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.252+/-0.050 χ^2/NDF : 37024.2/16

Left: -21.357+/-0.037 χ^2/NDF : 100037.5/34

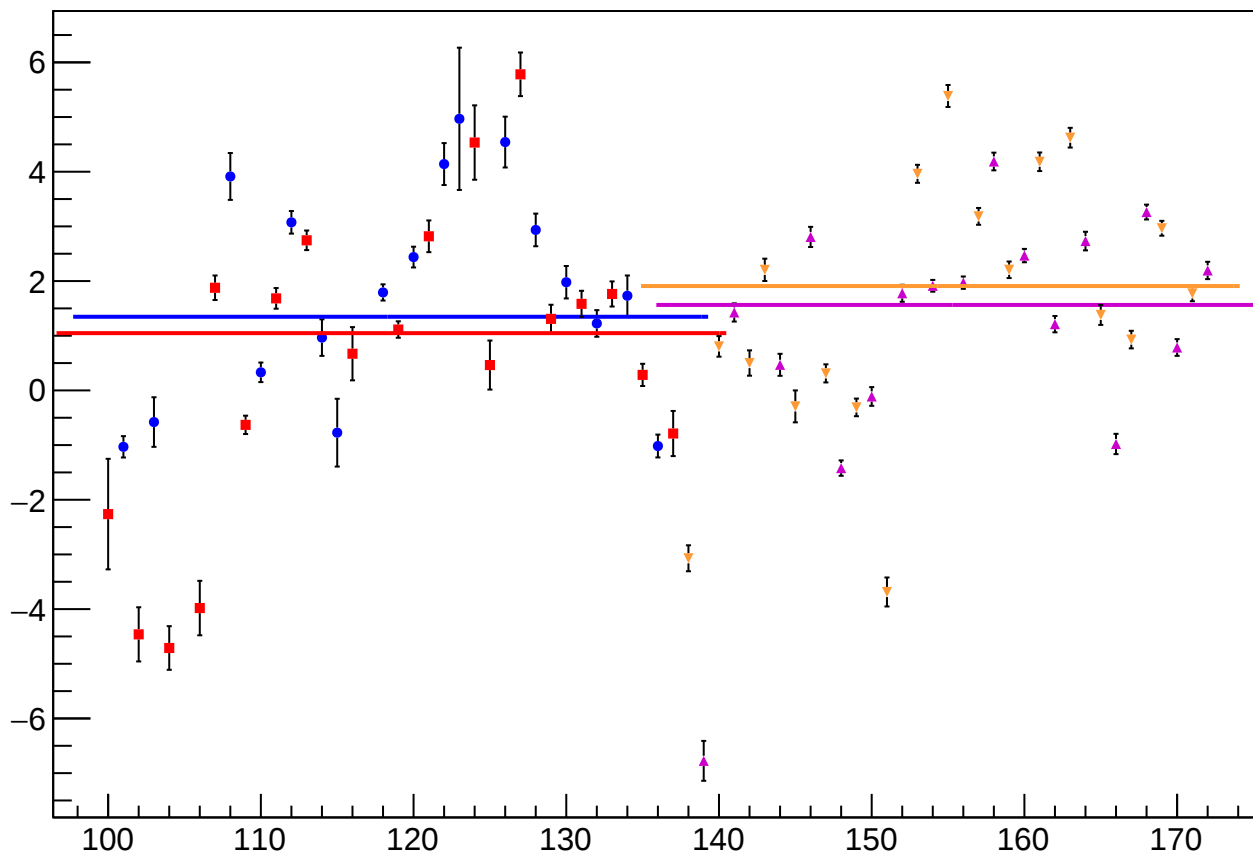
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.252+/-0.050 χ^2/NDF : 37024.2/16

Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

All: -21.357+/-0.037 χ^2/NDF : 100037.5/34

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.909 $\pm$ 0.042 χ^2 /NDF:2336.4/17

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.563 $\pm$ 0.037 χ^2 /NDF:1925.1/16

Left: 1.714 $\pm$ 0.028 χ^2 /NDF: 4300.1/34

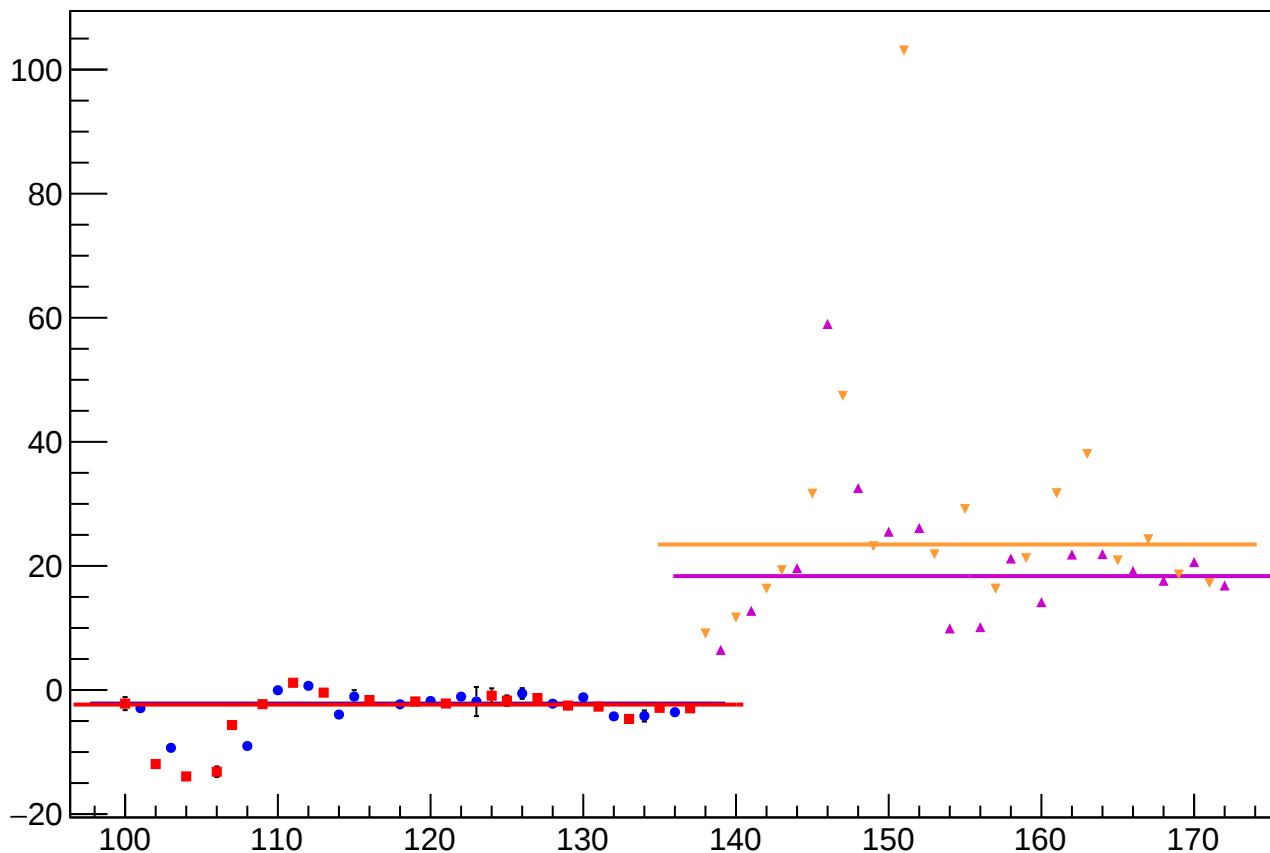
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.507 $\pm$ 0.032 χ^2 /NDF:2564.2/33

Out: 1.623 $\pm$ 0.034 χ^2 /NDF:3393.9/36

All: 1.561 $\pm$ 0.023 χ^2 /NDF: 5964.2/70

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 23.456 ± 0.056 $\chi^2/\text{NDF}: 52663.9/17$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 18.358 ± 0.049 $\chi^2/\text{NDF}: 34705.5/16$

Left: 20.563 ± 0.037 $\chi^2/\text{NDF}: 92117.8/34$

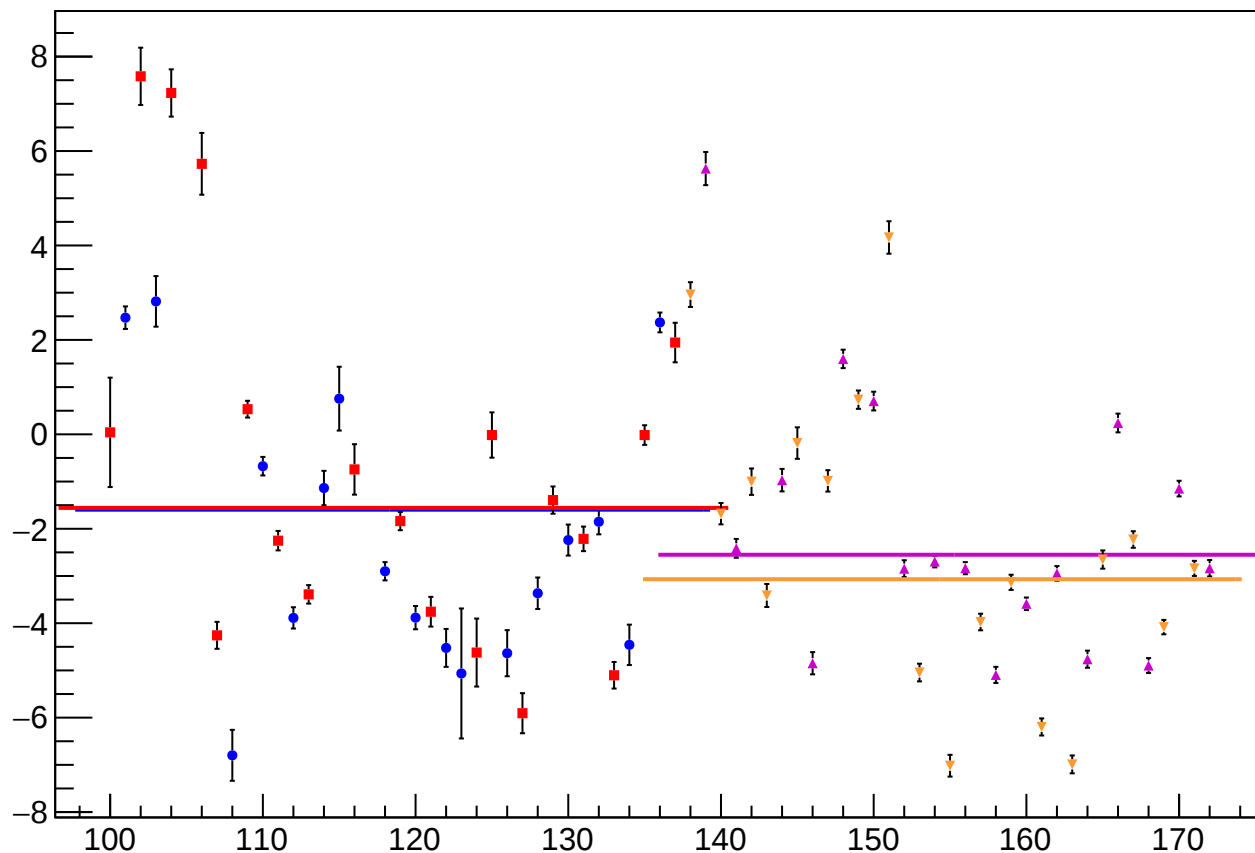
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 15.136 ± 0.045 $\chi^2/\text{NDF}: 63134.8/33$

Out: 17.421 ± 0.049 $\chi^2/\text{NDF}: 103706.5/36$

All: 16.178 ± 0.033 $\chi^2/\text{NDF}: 168034.7/70$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -3.068 ± 0.047 χ^2/NDF : 2840.6/17

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.550 ± 0.042 χ^2/NDF : 2343.0/16

Left: -2.776 ± 0.031 χ^2/NDF : 5250.9/34

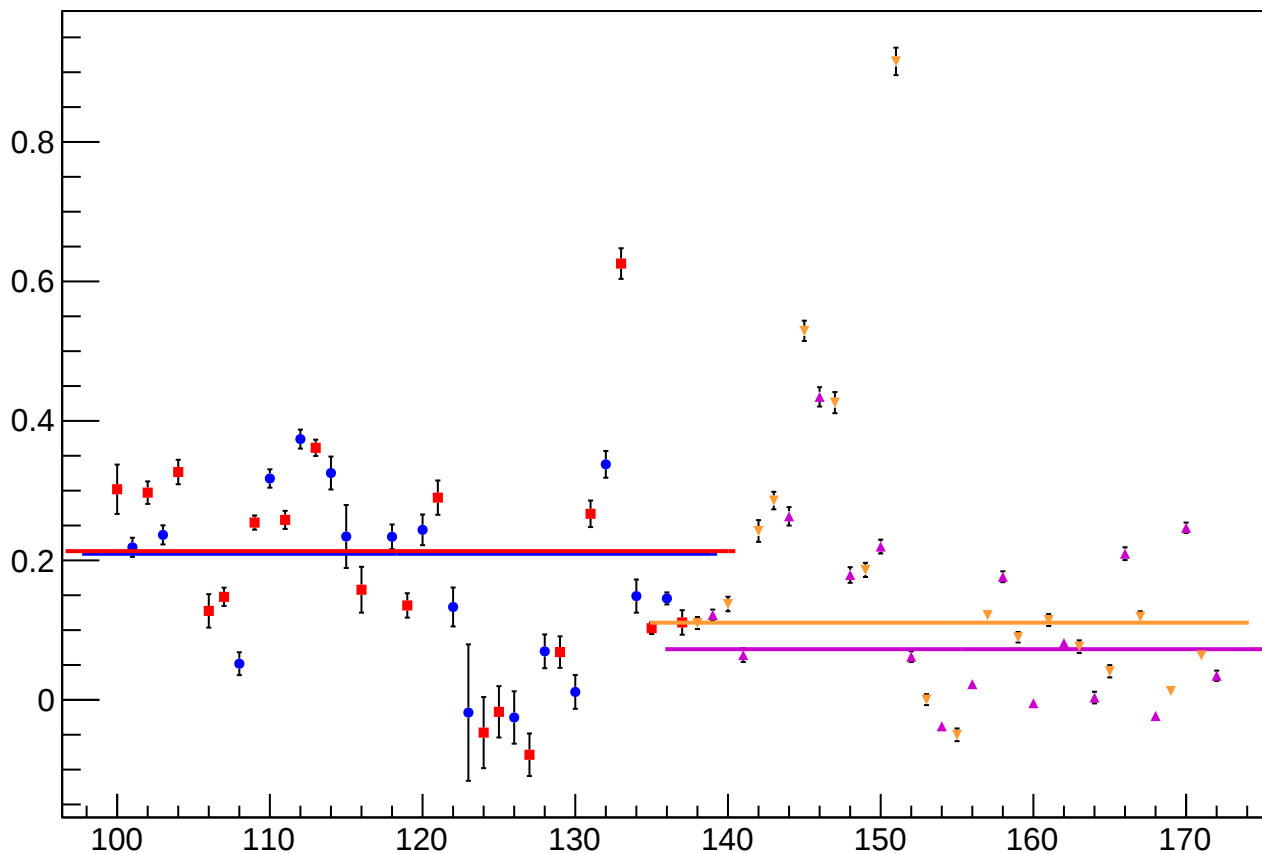
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.309 ± 0.036 χ^2/NDF : 3731.0/33

Out: -2.563 ± 0.039 χ^2/NDF : 4643.9/36

All: -2.427 ± 0.026 χ^2/NDF : 8398.1/70

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 4108.4/17

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.073 $\pm$ 0.002 χ^2 /NDF: 3249.9/16

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7543.6/34

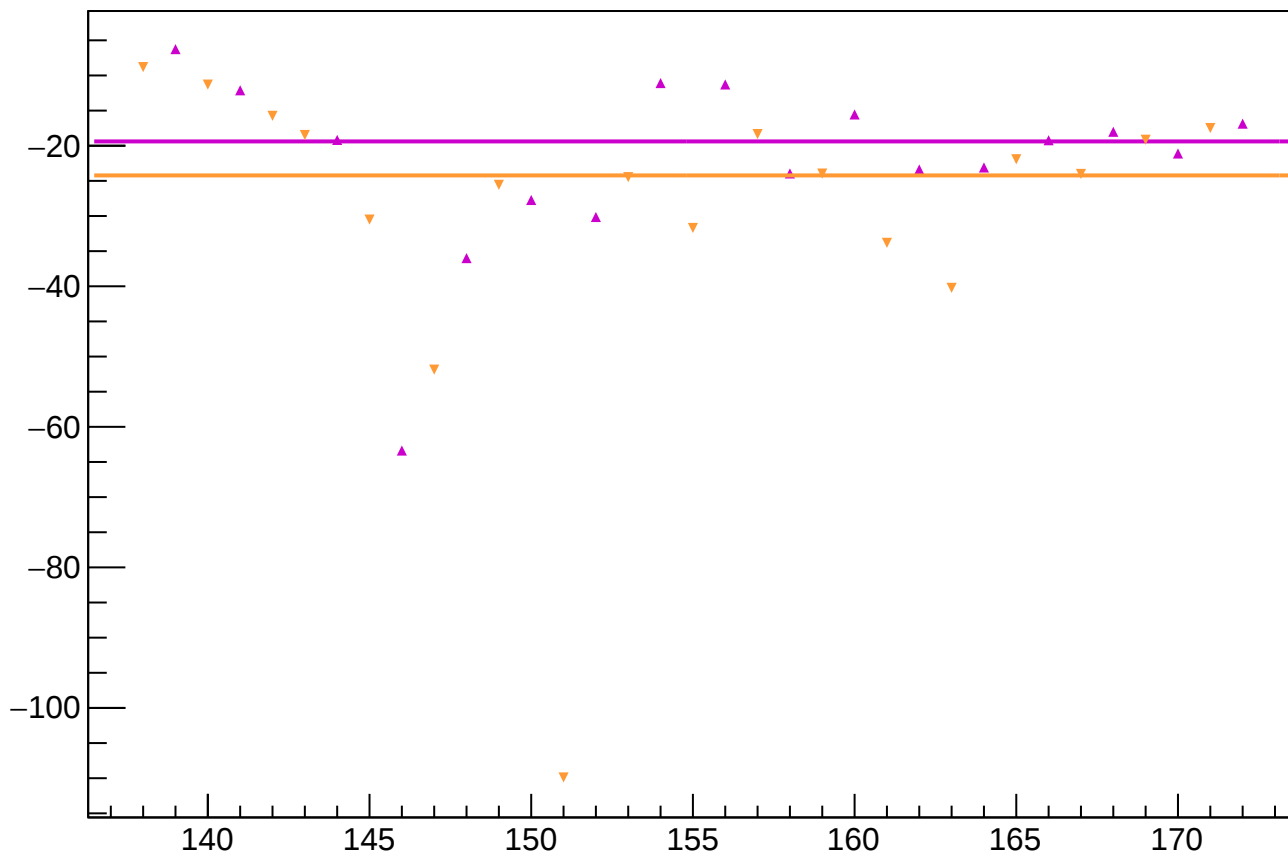
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.094 $\pm$ 0.002 χ^2 /NDF: 4739.9/33

Out: 0.136 $\pm$ 0.002 χ^2 /NDF: 5777.4/36

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10793.7/70

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.385+/-0.051 χ^2/NDF :37267.5/16

Left: -21.516+/-0.038 χ^2/NDF : 99077.3/34

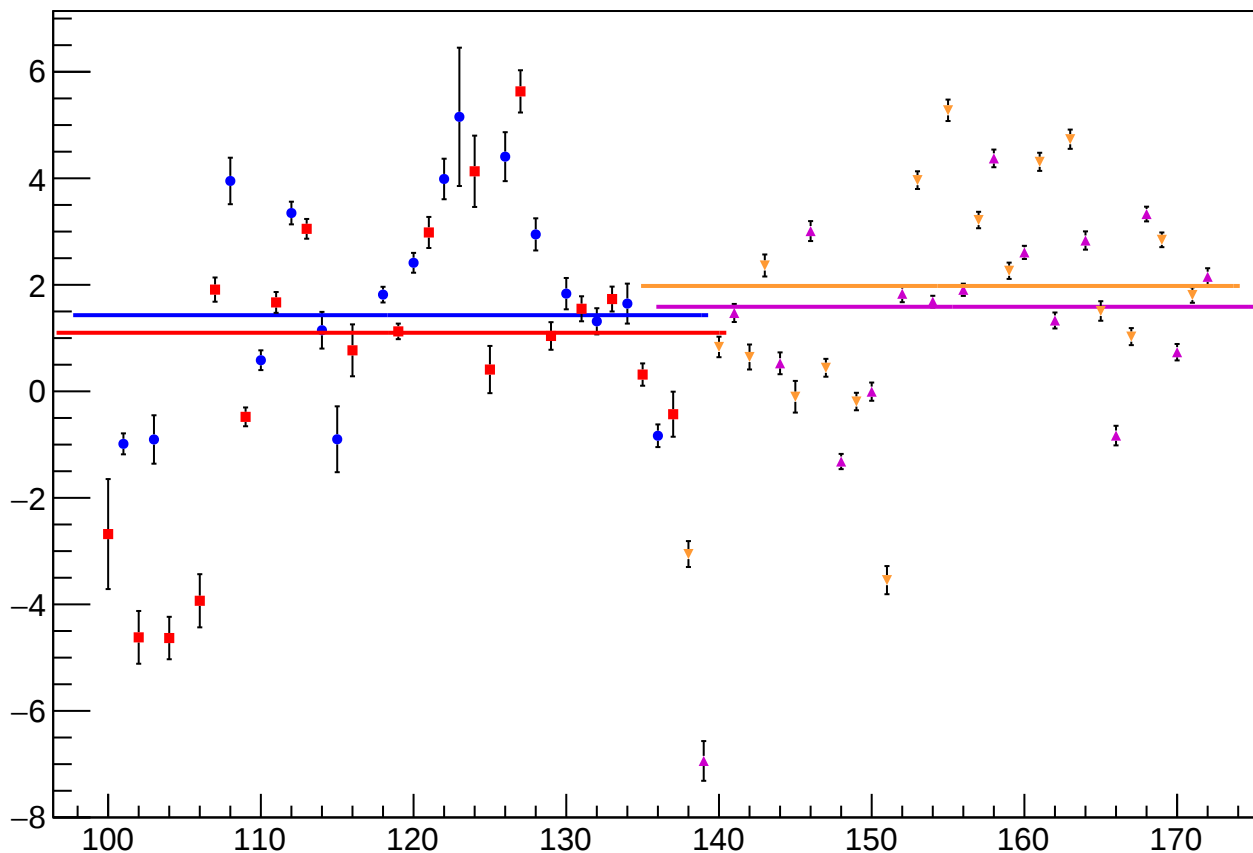
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.385+/-0.051 χ^2/NDF :37267.5/16

Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

All: -21.516+/-0.038 χ^2/NDF : 99077.3/34

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.979 $\pm$ 0.042 χ^2 /NDF:2225.6/17

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.588 $\pm$ 0.037 χ^2 /NDF:1898.4/16

Left: 1.760 $\pm$ 0.028 χ^2 /NDF: 4172.3/34

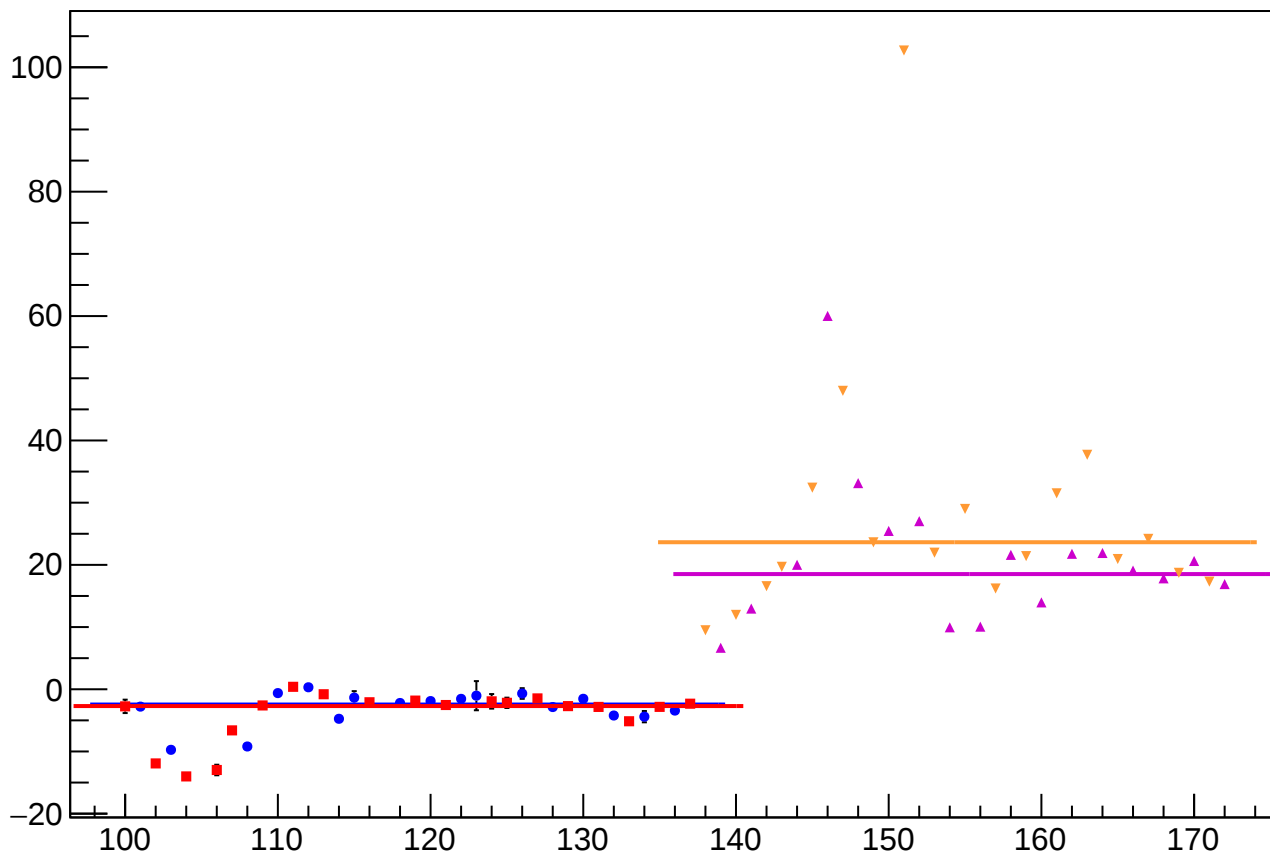
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.547 $\pm$ 0.032 χ^2 /NDF:2501.1/33

Out: 1.688 $\pm$ 0.034 χ^2 /NDF:3270.5/36

All: 1.612 $\pm$ 0.023 χ^2 /NDF: 5780.7/70

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.640 ± 0.056 χ^2/NDF : 51723.5/17

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.520 ± 0.049 χ^2/NDF : 34974.1/16

Left: 20.745 ± 0.037 χ^2/NDF : 91383.2/34

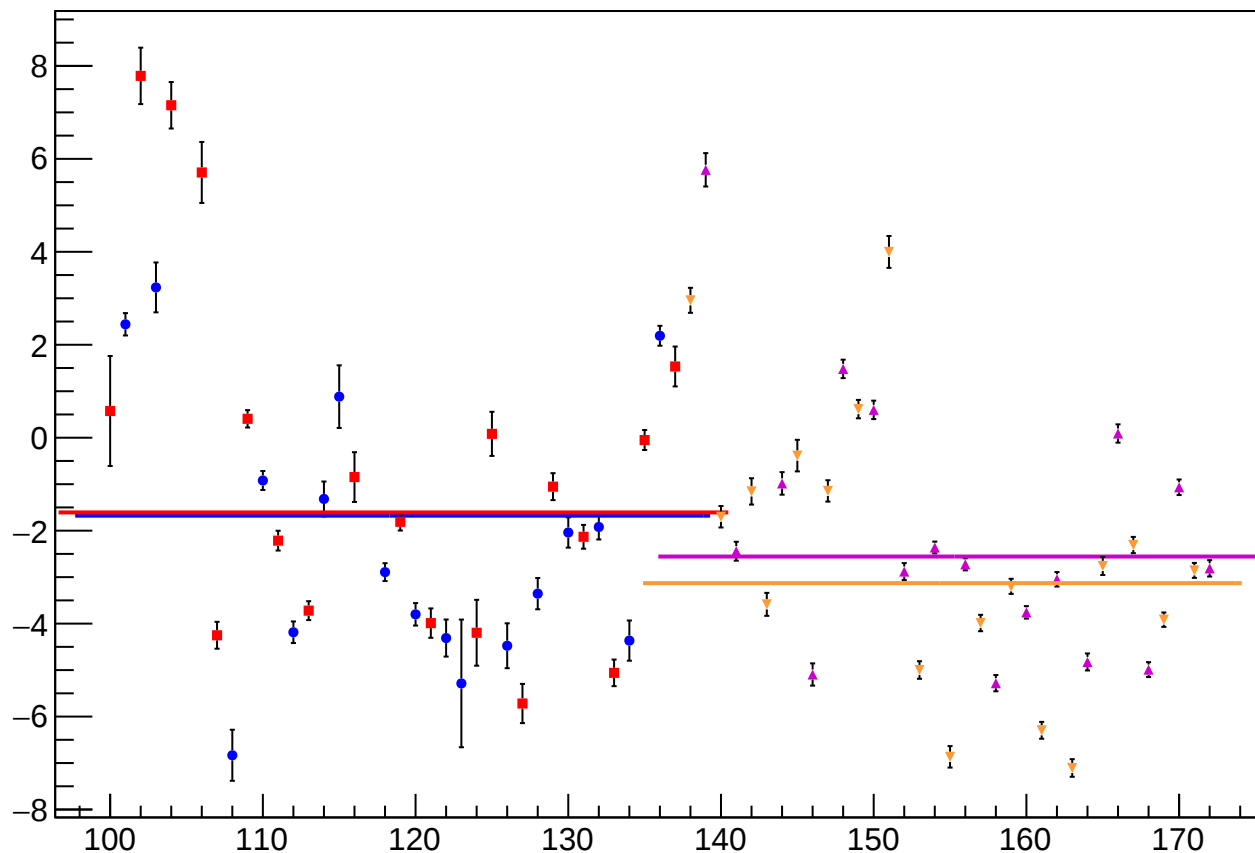
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.241 ± 0.045 χ^2/NDF : 63678.6/33

Out: 17.596 ± 0.049 χ^2/NDF : 102861.6/36

All: 16.317 ± 0.033 χ^2/NDF : 167775.8/70

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.128 ± 0.048 χ^2/NDF : 2715.7/17

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.557 ± 0.042 χ^2/NDF : 2344.8/16

Left: -2.807 ± 0.032 χ^2/NDF : 5140.8/34

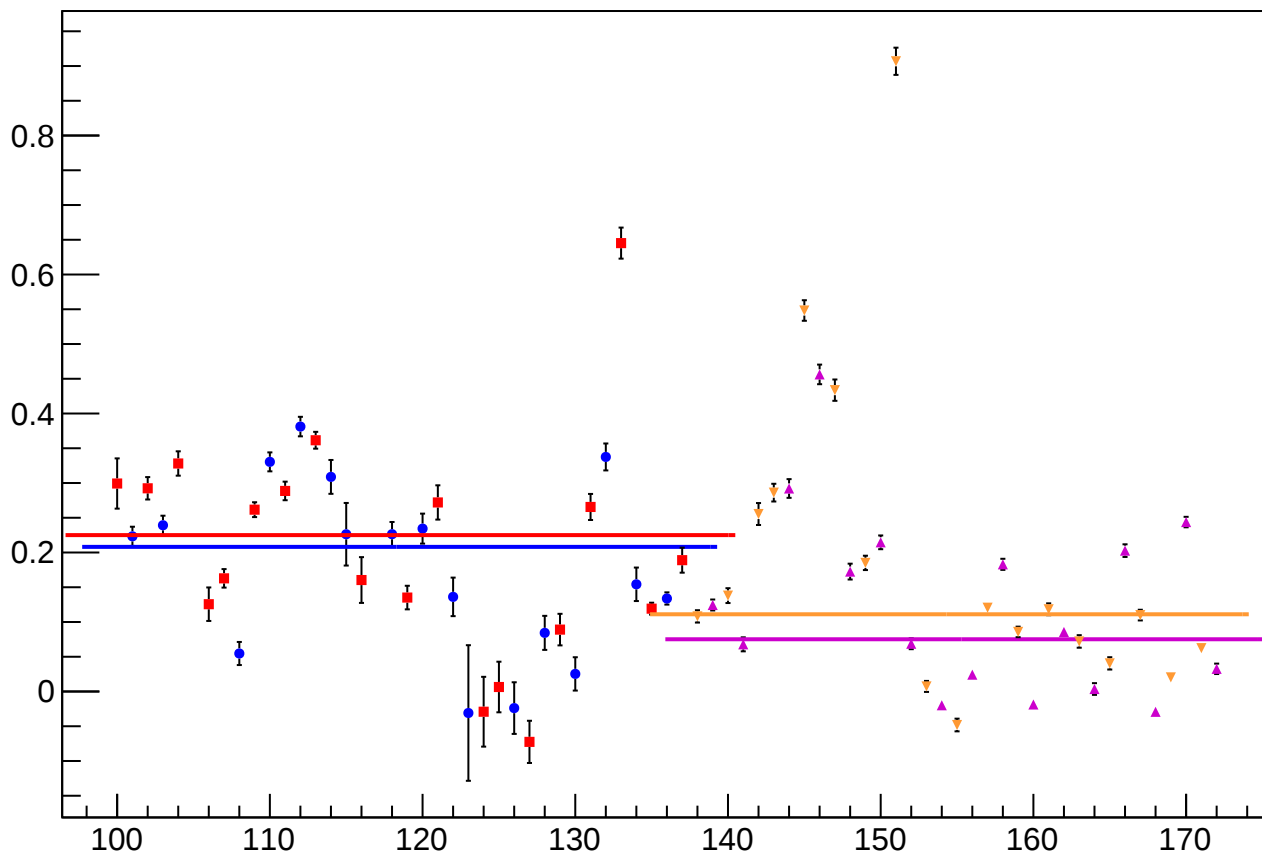
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.333 ± 0.036 χ^2/NDF : 3659.6/33

Out: -2.624 ± 0.039 χ^2/NDF : 4482.0/36

All: -2.469 ± 0.027 χ^2/NDF : 8171.1/70

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16
 Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF:4085.8/17
 Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18
 Left In: 0.075 $\pm$ 0.002 χ^2 /NDF:3225.6/16

Left: 0.090 $\pm$ 0.001 χ^2 /NDF: 7473.5/34
 Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35
 In: 0.096 $\pm$ 0.002 χ^2 /NDF:4645.5/33
 Out: 0.138 $\pm$ 0.002 χ^2 /NDF:5759.5/36
 All: 0.115 $\pm$ 0.001 χ^2 /NDF: 10684.9/70